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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25513133	C6orf72	0.0932617	0.745318	1.07492	1.07492	0.503162	1.16254	1.16254	0.00519687	2.26493	2.26493	0.54335	1.14609	1.14609	0.12599	1.44336	1.44336	0.633324	1.11241	1.11241	0.101709	1.48756	1.48756	0.0286642	1.77208	1.77208	0.122826	1.44858	1.44858	2.63888	2.05345	0.691691	1
cg24108194	H6PD;H6PD	0.0932645	0.0429161	1.59152	1.59152	0.65557	0.914353	-1.09367	0.744677	0.936904	-1.06735	0.0204693	1.74541	1.74541	0.394436	1.19001	1.19001	0.812868	1.04843	1.04843	0.214103	0.770373	-1.29807	0.478603	1.1545	1.1545	0.0295572	1.66694	1.66694	2.63884	1.66246	0.559995	1
cg16735821	C18orf19;RNMT;C18orf19	0.0932655	0.46364	0.898649	-1.11278	0.799534	1.03713	1.03713	0.678211	1.06159	1.06159	0.154618	1.24391	1.24391	0.903749	0.982818	-1.01748	0.204224	0.825353	-1.2116	0.206227	0.826129	-1.21047	0.0274001	1.45328	1.45328	0.0226092	1.47861	1.47861	2.63883	0.857724	0.288924	1
cg21603563	UBE2W;UBE2W	0.0932662	0.400382	0.862437	-1.15951	0.187506	0.786511	-1.27144	0.558705	0.903329	-1.10702	0.507385	0.890806	-1.12258	0.233455	1.23958	1.23958	0.184276	1.27396	1.27396	0.00653584	1.8358	1.8358	0.464307	0.879812	-1.13661	0.713627	0.938597	-1.06542	2.63882	1.23529	0.41611	1
cg02402274	C17orf101;C17orf101	0.0932673	0.820818	0.95521	-1.04689	0.00624521	0.486803	-2.05422	0.0215495	0.57261	-1.74639	0.433718	0.850988	-1.1751	0.194729	0.758002	-1.31926	0.987905	0.996943	-1.00307	0.510284	1.14442	1.14442	0.572186	0.891107	-1.1222	0.177771	0.748804	-1.33546	2.63881	1.70518	0.574393	1
cg19054158	C7orf50;C7orf50;C7orf50	0.0932677	0.0982204	7.55762	7.55762	0.304283	3.2754	3.2754	0.780104	1.36631	1.36631	0.378349	2.73994	2.73994	0.0712284	9.46025	9.46025	0.0614439	10.4824	10.4824	0.00997022	37.6714	37.6714	0.0321052	16.4384	16.4384	0.108718	7.0355	7.0355	2.6388	51.974	17.5076	1
cg12182708	MMS19	0.0932682	0.512969	1.49758	1.49758	0.00397793	10.5572	10.5572	0.0431212	4.12215	4.12215	0.432708	1.62798	1.62798	0.775706	1.18991	1.18991	0.292656	1.94354	1.94354	0.18382	2.35901	2.35901	0.0572453	3.7035	3.7035	0.352912	1.78929	1.78929	2.6388	15.4837	5.21574	1
cg06708213	MGAT5B	0.0932709	0.0111264	2.74607	2.74607	0.741786	1.11065	1.11065	0.284447	0.702635	-1.42321	0.032271	2.21621	2.21621	0.874776	1.05133	1.05133	0.15697	1.6168	1.6168	0.214089	1.51465	1.51465	0.895263	1.04269	1.04269	0.0793762	1.8554	1.8554	2.63876	4.21019	1.41823	1
cg18279148	DAXX;DAXX;DAXX;DAXX	0.0932739	0.138937	2.18913	2.18913	0.0410411	0.303884	-3.29073	?	?	?	0.925019	0.955922	-1.04611	?	?	?	0.196638	0.513204	-1.94854	?	?	?	0.95122	0.97113	-1.02973	0.069379	2.75662	2.75662	3.16627	7.30002	2.30556	1
cg17188367	RNF5P1;RNF5;AGPAT1;AGPAT1	0.0932756	0.515597	0.87562	-1.14205	0.117159	1.40905	1.40905	0.142778	1.37351	1.37351	0.337568	1.22042	1.22042	0.762626	0.940793	-1.06293	0.204833	1.30937	1.30937	0.0163777	1.80609	1.80609	0.0662968	0.660346	-1.51436	0.779838	0.945104	-1.05808	2.63871	1.69647	0.571482	1
cg19438565	ARC;ARC	0.0932761	0.353891	1.29465	1.29465	0.836732	1.05746	1.05746	0.254712	0.724717	-1.37985	0.253313	0.723968	-1.38128	0.185114	0.683528	-1.463	0.935016	0.978164	-1.02232	0.0057455	0.375259	-2.66482	0.832892	1.05887	1.05887	0.154085	1.51149	1.51149	2.6387	3.06332	1.03193	1
cg11464074	GRM8;GRM8;GRM8	0.0932766	0.447107	0.796315	-1.25578	0.186474	0.662553	-1.50931	0.0662603	0.545789	-1.83221	0.0683088	0.54884	-1.82203	0.0391796	2.01674	2.01674	0.883721	0.957896	-1.04395	0.262523	1.40971	1.40971	0.171876	1.53339	1.53339	0.930083	1.02613	1.02613	2.6387	3.61062	1.2163	1
cg17868936	SLC44A5;SLC44A5	0.093277	0.0811141	0.283489	-3.52747	0.28886	2.0497	2.0497	0.811266	1.16875	1.16875	0.225694	0.436331	-2.29184	0.010707	0.123575	-8.09227	0.274929	0.476901	-2.09687	0.154397	0.370193	-2.70129	0.19844	2.42522	2.42522	0.499729	0.639809	-1.56297	2.63869	17.7575	5.98192	1
cg06834240	MAF;MAF;MAF	0.0932795	0.250463	1.28091	1.28091	0.0654239	0.6529	-1.53163	0.426108	0.845743	-1.18239	0.251557	1.28012	1.28012	0.408303	1.19049	1.19049	0.21259	0.762883	-1.31082	0.027086	1.71506	1.71506	0.0820202	1.48772	1.48772	0.707636	1.08077	1.08077	2.63866	1.77616	0.598337	1
cg24786579	DNM1L;DNM1L;DNM1L	0.0932809	0.0174145	0.132046	-7.57311	0.616169	1.42398	1.42398	0.180908	2.70053	2.70053	0.182834	0.372117	-2.68733	?	?	?	0.0553593	0.218969	-4.56685	0.998162	0.998391	-1.00161	0.740881	1.26121	1.26121	0.299753	2.12024	2.12024	2.66878	18.3745	6.88499	1
cg03564009	COL4A1	0.0932813	0.759247	1.2821	1.2821	0.320798	2.29163	2.29163	0.0549076	0.172074	-5.81147	0.692475	1.37899	1.37899	0.00680239	0.0587289	-17.0274	0.337544	2.22392	2.22392	0.672545	0.709163	-1.41011	0.192955	0.328306	-3.04594	0.88628	0.890759	-1.12264	2.63864	27.3106	9.20024	1
cg11542394	ALDH1A3	0.0932844	0.101846	3.67645	3.67645	0.75464	0.796181	-1.256	0.098768	0.268198	-3.72859	0.330011	2.07676	2.07676	0.452277	1.74493	1.74493	0.454223	1.74061	1.74061	0.0228034	7.24913	7.24913	0.0362912	5.86898	5.86898	0.151038	3.06092	3.06092	2.6386	22.0884	7.4411	1
cg09809806	ALG6	0.0932857	0.0579899	0.8345	-1.19832	0.354327	1.08377	1.08377	0.900428	1.01062	1.01062	0.365804	1.0816	1.0816	0.0667408	0.840682	-1.18951	0.191187	0.88973	-1.12394	0.424636	0.933478	-1.07126	0.629589	0.959801	-1.04188	0.0263601	1.24901	1.24901	2.63859	0.297857	0.100342	1
cg16514513	COL1A1	0.0932859	0.618253	1.16631	1.16631	0.0420963	2.04858	2.04858	0.0142469	0.396224	-2.52382	0.329475	0.734782	-1.36095	0.801552	0.925779	-1.08017	0.344358	1.34752	1.34752	0.133748	1.64091	1.64091	0.380851	1.31686	1.31686	0.923144	1.02999	1.02999	2.63858	3.9187	1.32014	1
cg16499284	LOC222699	0.0932878	0.0217501	0.680776	-1.46891	0.427462	0.893057	-1.11975	0.367808	1.13785	1.13785	0.0403792	0.718531	-1.39173	0.200723	0.828066	-1.20763	0.944145	0.990266	-1.00983	0.0451534	0.725527	-1.37831	0.27477	1.17191	1.17191	0.866664	1.02374	1.02374	2.63856	0.81441	0.274362	1
cg00542041	DVL1	0.093289	0.640173	0.922979	-1.08345	0.136598	1.31392	1.31392	0.0519295	1.45717	1.45717	0.0830785	1.38634	1.38634	0.80441	1.04315	1.04315	0.829732	0.964002	-1.03734	0.00730308	1.80203	1.80203	0.507553	0.891857	-1.12126	0.52377	1.11627	1.11627	2.63855	1.2111	0.408003	1
cg25778871	FBXL17	0.0932903	0.100995	0.524263	-1.90744	0.101002	0.52427	-1.90741	0.556794	1.23822	1.23822	0.164758	0.58692	-1.70381	0.0686479	0.480588	-2.08078	0.921334	1.03615	1.03615	0.0106813	0.315426	-3.17031	0.0756194	0.491126	-2.03614	0.161096	0.583827	-1.71284	2.63853	5.40189	1.81983	1
cg22545027	CDH23	0.093291	0.10703	0.0872313	-11.4638	0.191139	6.81328	6.81328	0.864103	0.788601	-1.26807	0.208892	0.159379	-6.27436	0.0233431	0.0233534	-42.8204	0.14754	0.115975	-8.62257	0.0184017	0.018965	-52.7287	0.869399	0.796016	-1.25626	0.307991	0.231557	-4.31859	2.63852	80.3196	27.0588	1
cg15594205	POU3F3	0.0932915	0.75046	0.904477	-1.10561	0.0133271	0.381072	-2.62418	0.0495639	2.02384	2.02384	0.160023	1.60376	1.60376	0.16054	1.6027	1.6027	0.965674	1.01363	1.01363	0.344716	0.736209	-1.35831	0.653325	1.15288	1.15288	0.844775	1.06362	1.06362	2.63852	4.13751	1.39388	1
cg23863900	OTUD6B	0.0932947	0.344169	1.15513	1.15513	0.00796312	1.65446	1.65446	0.28941	1.17674	1.17674	0.392463	0.878396	-1.13844	0.209163	0.82208	-1.21643	0.837135	1.03093	1.03093	0.604213	0.925527	-1.08047	0.0871266	0.756105	-1.32257	0.974422	0.995266	-1.00476	2.63848	0.915296	0.308358	1
cg06571687	RPH3AL	0.0932958	0.0171948	0.282686	-3.5375	0.644268	0.816812	-1.22427	0.0468475	0.371474	-2.69198	0.990744	0.994964	-1.00506	0.0607871	0.398573	-2.50895	0.0879	0.440572	-2.26977	0.806099	0.898502	-1.11296	0.0366169	0.347531	-2.87744	0.0910761	0.444867	-2.24786	2.63847	7.91416	2.66625	1
cg11668844	MCF2L;MCF2L	0.0932979	0.107307	0.329138	-3.03824	0.605436	0.719309	-1.39022	0.687405	1.29141	1.29141	0.311621	0.515926	-1.93826	0.0337645	0.208606	-4.79373	0.28598	0.496306	-2.01489	0.00723309	0.111795	-8.94495	0.0651921	0.270143	-3.70174	0.22012	0.442591	-2.25942	2.63844	16.7021	5.62694	1
cg05921384	UBE2V1;UBE2V1;TMEM189-UBE2V1;UBE2V1	0.093298	0.319821	0.690114	-1.44904	0.898056	1.04733	1.04733	0.104486	0.527151	-1.89699	0.258324	1.53041	1.53041	0.00929635	0.304044	-3.289	0.281687	0.667875	-1.49729	0.0353102	0.412972	-2.42147	0.450317	0.75766	-1.31985	0.200015	0.613584	-1.62977	2.63844	5.43945	1.83255	1
cg20025389	SNORD116-23	0.0932985	0.119514	0.402701	-2.48323	0.0675009	0.331883	-3.01311	0.811698	0.879411	-1.13712	0.2695	0.538409	-1.85732	0.0059805	0.144476	-6.92155	0.387075	0.620419	-1.61181	0.13554	0.420556	-2.37781	0.449811	1.51382	1.51382	0.111164	0.392835	-2.5456	2.63843	12.1141	4.08125	1
cg02686357	DMWD	0.0933	0.0242854	0.284881	-3.51024	0.167453	0.502514	-1.98999	0.18497	0.518165	-1.92989	0.176131	0.510381	-1.95932	0.299845	0.605041	-1.65278	0.147255	0.483212	-2.06949	0.06591	0.381006	-2.62463	0.0191901	0.265778	-3.76254	0.0237709	0.283095	-3.53239	2.63842	9.13871	3.07885	1
cg00158934	PTK6	0.0933025	0.0716491	0.610282	-1.63859	0.626377	0.886515	-1.12801	0.27092	0.754708	-1.32502	0.0235387	1.94268	1.94268	0.0577863	0.590555	-1.69332	0.120541	0.661383	-1.51198	0.569198	0.86827	-1.15172	0.462196	1.20173	1.20173	0.988082	1.00367	1.00367	2.63839	2.51895	0.848652	1
cg06880767	AAK1	0.0933027	0.649311	0.875861	-1.14173	0.85078	0.946932	-1.05604	0.242187	1.42534	1.42534	0.0955163	0.588479	-1.6993	0.730412	1.10534	1.10534	0.57407	1.17872	1.17872	0.238639	1.42953	1.42953	0.48144	1.23021	1.23021	0.00622905	0.356151	-2.8078	2.63838	3.50295	1.18017	1
cg05037488	SYNGAP1	0.0933031	0.168394	0.831253	-1.203	0.00974954	0.662594	-1.50922	0.519753	1.08564	1.08564	0.925337	0.988267	-1.01187	0.519391	0.92105	-1.08572	0.0326128	0.729874	-1.3701	0.151037	0.823857	-1.2138	0.963889	0.994315	-1.00572	0.0594108	0.764949	-1.30728	2.63838	0.662532	0.223212	1
cg12789259	LRBA	0.0933035	0.478754	1.19407	1.19407	0.879248	1.03816	1.03816	0.185932	0.707914	-1.4126	0.144765	1.47077	1.47077	0.305599	1.2986	1.2986	0.0839763	1.60156	1.60156	0.0308837	1.86696	1.86696	0.0198523	1.99897	1.99897	0.12639	1.50274	1.50274	2.63837	2.53509	0.85409	1
cg05681826	FBXL18	0.0933057	0.150222	0.773505	-1.29282	0.616108	1.08782	1.08782	0.777334	1.04834	1.04834	0.298545	0.835745	-1.19654	0.0685782	0.712141	-1.40422	0.527147	1.11259	1.11259	0.288687	0.832425	-1.20131	0.0184526	0.621281	-1.60958	0.0798241	1.38223	1.38223	2.63835	1.15869	0.390375	1
cg01113900	MITF;MITF;MITF	0.0933067	0.524429	0.663687	-1.50673	0.00562367	0.099271	-10.0734	0.0546597	0.250262	-3.99582	0.656581	1.32896	1.32896	0.299988	0.505305	-1.979	0.363531	0.552415	-1.81023	0.051099	0.243696	-4.10347	0.189339	0.413291	-2.4196	0.930644	1.05688	1.05688	2.63833	16.8761	5.68578	1
cg26912314	GNAO1;GNAO1	0.093307	0.6175	0.769685	-1.29923	0.0210633	4.23174	4.23174	0.00875684	5.67534	5.67534	0.147882	2.24154	2.24154	0.83594	0.897794	-1.11384	0.180669	2.09394	2.09394	0.534126	1.38732	1.38732	0.15681	2.19759	2.19759	0.971548	1.01872	1.01872	2.63833	11.2955	3.80561	1
cg19893439	OBFC2B	0.0933074	0.431483	0.703808	-1.42084	0.0394975	0.352791	-2.83454	0.0868179	0.437181	-2.28738	0.947625	1.02916	1.02916	0.343273	0.652376	-1.53286	0.0609739	0.396973	-2.51906	0.0610921	0.397182	-2.51774	0.009225	0.235538	-4.2456	0.673808	0.830925	-1.20348	2.63833	7.99752	2.69448	1
cg01913436	PRDM16;PRDM16	0.0933101	0.169921	1.68813	1.68813	0.840966	0.930565	-1.07462	0.606607	0.830235	-1.20448	0.998669	0.999403	-1.0006	0.290631	1.48114	1.48114	0.249771	1.53853	1.53853	0.00307107	4.27113	4.27113	0.111901	1.85909	1.85909	0.884888	1.05326	1.05326	2.63829	5.36097	1.80621	1
cg10079740	MMP2	0.093311	0.443455	0.648435	-1.54217	0.551111	1.39649	1.39649	0.57111	0.728389	-1.37289	0.891754	1.07818	1.07818	0.748193	0.83683	-1.19499	0.00760882	0.138616	-7.21417	0.0421348	0.266203	-3.75653	0.153856	2.34646	2.34646	0.737287	1.20467	1.20467	2.81224	13.3231	3.68476	1
cg10116864	CDK5R2;CDK5R2	0.0933164	0.301785	0.792014	-1.2626	0.340909	1.23851	1.23851	0.393248	0.826449	-1.21	0.356641	0.813311	-1.22954	0.140476	0.707786	-1.41286	0.44309	0.843289	-1.18583	0.0347316	0.584789	-1.71002	0.0275614	1.76465	1.76465	0.177865	0.73193	-1.36625	2.63822	1.98498	0.668795	1
cg07587588	TPD52;TPD52	0.0933164	0.53323	1.17572	1.17572	0.0061189	2.50365	2.50365	0.0686354	1.68677	1.68677	0.613606	0.877562	-1.13952	0.610646	1.14079	1.14079	0.351925	0.782132	-1.27856	0.470862	0.828479	-1.20703	0.622416	0.880451	-1.13578	0.163741	1.46407	1.46407	2.63822	2.74941	0.926353	1
cg14622801	SPAG8;SPAG8;SPAG8;SPAG8	0.0933164	0.78983	1.03697	1.03697	0.228527	0.842174	-1.1874	0.47324	0.905612	-1.10423	0.0327322	1.40434	1.40434	0.226436	0.841458	-1.18841	0.505923	1.09607	1.09607	0.077921	1.30506	1.30506	0.110822	1.26633	1.26633	0.0548477	1.34442	1.34442	2.63822	0.771847	0.260057	1
cg14222314	GABRB3	0.0933179	0.0919549	0.703279	-1.42191	0.438063	1.16193	1.16193	0.0966162	1.41354	1.41354	0.573078	0.89759	-1.11409	0.720303	1.0706	1.0706	0.903414	1.0233	1.0233	0.00582179	1.98419	1.98419	0.914603	0.979853	-1.02056	0.844278	0.963373	-1.03802	2.6382	1.50426	0.506831	1
cg06588247	TRAF3;TRAF3;TRAF3	0.0933182	0.144817	1.26372	1.26372	0.0193112	0.655141	-1.52639	0.476785	1.11419	1.11419	0.190672	1.23012	1.23012	0.126521	1.28024	1.28024	0.0712688	1.35137	1.35137	0.759473	1.04697	1.04697	0.126728	1.28004	1.28004	0.595218	1.08344	1.08344	2.6382	0.933387	0.314486	1
cg14948086	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0933193	0.105557	2.13381	2.13381	0.41476	1.42952	1.42952	0.010065	4.02369	4.02369	0.0671068	2.41004	2.41004	0.143863	0.510128	-1.96029	0.0932113	2.2068	2.2068	0.418568	1.42518	1.42518	0.555137	1.29154	1.29154	0.593601	1.2597	1.2597	2.63818	7.67694	2.58661	1
cg21234032	AIG1	0.0933204	0.0394338	0.21402	-4.67246	0.696813	0.776184	-1.28835	0.17377	0.392029	-2.55083	0.0785565	0.282429	-3.54072	0.0300798	0.191896	-5.21115	0.146515	0.364778	-2.74139	0.0566136	0.247498	-4.04044	0.0187971	0.158501	-6.30911	0.150899	0.369318	-2.7077	2.63817	17.4952	5.89474	1
cg21185154	CAMSAP1	0.0933211	0.682256	0.945138	-1.05805	0.92698	0.987514	-1.01264	0.885676	0.980473	-1.01992	0.427408	1.11748	1.11748	0.0547579	0.741826	-1.34802	0.12497	0.796397	-1.25566	0.057323	1.34278	1.34278	0.0602646	1.33707	1.33707	0.130868	0.799628	-1.25058	2.63816	0.785108	0.26453	1
cg14833385	HLA-DMA	0.0933214	0.558263	0.652731	-1.53202	0.0897771	3.84812	3.84812	0.0450643	5.24334	5.24334	0.535461	1.57173	1.57173	0.331448	0.485774	-2.05857	0.909707	1.08518	1.08518	0.0438206	5.30942	5.30942	0.0178232	7.96783	7.96783	0.893017	1.10181	1.10181	2.63816	21.6928	7.30908	1
cg17656426	AP3D1;AP3D1	0.0933216	0.424422	1.32687	1.32687	0.636617	0.847904	-1.17938	0.747065	0.893876	-1.11872	0.279217	1.47704	1.47704	0.00265641	0.236668	-4.22533	0.807301	1.08841	1.08841	0.741739	0.891674	-1.12149	0.43682	1.31654	1.31654	0.716451	0.881209	-1.1348	2.63816	5.02217	1.69215	1
cg26300324	FAM82A1	0.0933224	0.489746	0.915336	-1.09249	0.0103439	1.50269	1.50269	0.0382834	1.35352	1.35352	0.839142	1.02596	1.02596	0.0851047	1.27129	1.27129	0.502094	0.917697	-1.08968	0.60322	0.936023	-1.06835	0.257231	1.16076	1.16076	0.280623	1.15188	1.15188	2.63815	0.664192	0.223791	1
cg05170863	EIF3E	0.093324	0.0438521	1.37867	1.37867	0.175729	0.819074	-1.22089	0.162918	0.813452	-1.22933	0.528888	0.915363	-1.09246	0.392774	1.12903	1.12903	0.0132463	1.53046	1.53046	0.724272	0.952089	-1.05032	0.859469	1.02487	1.02487	0.735046	1.04821	1.04821	2.63813	0.802889	0.270525	1
cg23899408	HOOK2;HOOK2	0.0933245	0.542217	0.669864	-1.49284	0.0196821	6.23302	6.23302	0.100957	0.311406	-3.21124	0.494761	0.637451	-1.56875	0.840577	0.877387	-1.13975	0.604465	0.71221	-1.40408	0.282316	0.484034	-2.06597	0.0666161	3.80296	3.80296	0.148453	0.365441	-2.73642	2.63812	17.6239	5.93819	1
cg15368769	PQLC1;PQLC1;PQLC1	0.0933253	0.0809203	0.319488	-3.13	0.162858	2.39404	2.39404	?	?	?	0.599712	0.735177	-1.36022	0.940246	0.957439	-1.04445	0.0115319	0.149546	-6.68688	0.767168	1.18807	1.18807	0.221524	2.11955	2.11955	0.639363	1.31535	1.31535	2.84096	13.1774	4.05856	1
cg25138118	TIFA	0.0933278	0.506246	0.915017	-1.09288	0.731629	0.955677	-1.04638	0.128921	0.805668	-1.24121	0.0745101	0.769778	-1.29908	0.0221733	1.43494	1.43494	0.368322	1.1294	1.1294	0.0609268	0.757174	-1.3207	0.543006	1.08446	1.08446	0.949276	0.991657	-1.00841	2.63808	0.724561	0.244137	1
cg13126982	MUC21	0.0933293	0.270263	0.50807	-1.96823	0.0252006	4.80752	4.80752	0.905973	1.07219	1.07219	0.0547372	0.276578	-3.61561	0.033935	0.232119	-4.30813	0.56977	1.40333	1.40333	0.489847	0.661144	-1.51253	0.672853	1.28469	1.28469	0.530377	0.687341	-1.45488	2.63806	14.5381	4.89856	1
cg03381669	ELMOD3;ELMOD3;ELMOD3;RETSAT;ELMOD3	0.0933297	0.82224	1.04836	1.04836	0.181239	1.34703	1.34703	0.173625	1.35506	1.35506	0.886403	1.03046	1.03046	0.841733	1.04285	1.04285	0.151958	0.7246	-1.38007	0.0127978	0.522571	-1.91362	0.343859	1.2271	1.2271	0.105963	1.4486	1.4486	2.63806	1.84052	0.620161	1
cg04395153	MYOG	0.0933299	0.0244165	0.151924	-6.58224	0.255282	0.434065	-2.3038	0.281369	0.455336	-2.19618	0.118275	0.303704	-3.29268	0.0112579	0.107417	-9.30955	0.141337	0.32908	-3.03878	0.144104	0.331989	-3.01214	0.0427306	0.194157	-5.15046	0.105918	0.289114	-3.45885	2.63806	20.6297	6.95116	1
cg21830223	STK19;STK19;STK19	0.0933299	0.0714252	0.674617	-1.48232	0.970162	1.00734	1.00734	0.144039	0.735764	-1.35913	0.2501	0.790591	-1.26488	0.651031	0.914823	-1.09311	0.107117	0.709022	-1.41039	0.0135827	1.81674	1.81674	0.416253	0.850068	-1.17638	0.944449	1.01372	1.01372	2.63806	1.59696	0.538094	1
cg11119760	ERC1;ERC1;ERC1;ERC1;ERC1	0.0933318	0.726187	0.880655	-1.13552	0.0236862	2.65445	2.65445	0.00672696	3.56173	3.56173	0.813409	1.08923	1.08923	0.347392	0.704876	-1.41869	0.706839	1.14634	1.14634	0.208169	1.61553	1.61553	0.755865	1.11934	1.11934	0.871792	0.943291	-1.06012	2.63803	5.45896	1.8394	1
cg14195198	MYO9B;MYO9B	0.0933324	0.388469	0.799127	-1.25137	0.0678654	0.595198	-1.68011	0.0202829	0.491655	-2.03395	0.916912	1.02683	1.02683	0.233906	0.728622	-1.37245	0.144058	0.671552	-1.48909	0.390823	1.24991	1.24991	0.0682821	1.67849	1.67849	0.522331	0.848314	-1.17881	2.63803	2.68918	0.906125	1
cg07192734	ACSF3;ACSF3;ACSF3	0.0933329	0.209292	0.633449	-1.57866	0.7464	0.89409	-1.11846	0.186579	0.616892	-1.62103	0.870235	0.945155	-1.05803	0.0181357	0.371598	-2.69108	0.0518142	0.466038	-2.14575	0.0229835	0.391282	-2.5557	0.701315	1.1422	1.1422	0.0572424	0.476095	-2.10042	2.63802	4.97323	1.67575	1
cg01671785	SMAD3	0.0933353	0.841606	1.13502	1.13502	0.383684	0.568131	-1.76016	0.963886	0.971748	-1.02907	0.485222	1.56659	1.56659	0.60255	1.39451	1.39451	0.420855	1.68289	1.68289	0.00680346	0.108657	-9.20327	0.0639329	3.73611	3.73611	0.291076	2.00064	2.00064	2.63799	16.7391	5.64035	1
cg16578104	DCUN1D1	0.0933355	0.842176	0.955032	-1.04709	0.0338778	0.564579	-1.77123	0.530633	0.863641	-1.15789	0.619505	1.12247	1.12247	0.0110721	0.479374	-2.08605	0.4228	1.208	1.208	0.117621	1.48028	1.48028	0.447737	0.836459	-1.19552	0.825837	0.95041	-1.05218	2.63799	2.22544	0.749879	1
cg13312403	NCOA2	0.0933361	0.736878	0.943001	-1.06044	0.277931	0.821716	-1.21696	0.314559	0.834435	-1.19842	0.669105	1.07769	1.07769	0.00164692	0.456486	-2.19065	0.546321	0.899196	-1.1121	0.94884	0.988895	-1.01123	0.720546	0.939398	-1.06451	0.552402	0.900675	-1.11028	2.63798	1.26545	0.426405	1
cg14080888	FAM102A;FAM102A;FAM102A	0.0933366	0.984797	0.994906	-1.00512	0.012866	0.43695	-2.28859	0.0367066	0.521743	-1.91665	0.819738	0.94065	-1.06309	0.433272	0.807071	-1.23905	0.0973137	0.614022	-1.62861	0.538987	0.846429	-1.18143	0.0530967	0.55482	-1.80239	0.304161	1.33011	1.33011	2.63798	3.00194	1.01153	1
cg25198661	ODZ4	0.0933388	0.0251002	0.285643	-3.50087	0.0149644	0.244885	-4.08355	0.384503	0.65749	-1.52094	0.986834	0.99227	-1.00779	0.097564	0.425314	-2.35121	0.0373095	0.320893	-3.1163	0.0947291	0.421614	-2.37184	0.134314	0.467992	-2.13679	0.544244	0.749277	-1.33462	2.63795	9.2402	3.1136	1
cg15615396	RAB1B	0.0933394	0.213827	0.754984	-1.32453	0.776523	0.940722	-1.06301	0.311105	0.798494	-1.25236	0.00432287	0.440842	-2.26839	0.677204	1.09406	1.09406	0.537754	0.87461	-1.14337	0.138648	1.40818	1.40818	0.802066	1.05541	1.05541	0.52028	1.1502	1.1502	2.63794	1.92633	0.649103	1
cg24003028	ASPG	0.0933397	0.246932	0.565286	-1.76902	0.0221677	0.274688	-3.6405	0.0226107	0.276305	-3.61919	0.489035	1.39256	1.39256	0.0823844	0.403911	-2.47579	0.42347	1.46988	1.46988	0.531015	1.34849	1.34849	0.706356	1.19522	1.19522	0.774158	1.14517	1.14517	2.63794	9.27447	3.12516	1
cg09896131	BID;BID;BID	0.0933418	0.980353	1.01173	1.01173	0.0107086	4.56473	4.56473	0.057824	2.76012	2.76012	0.638995	1.25065	1.25065	0.145169	0.476845	-2.09712	0.685831	0.824887	-1.21229	0.210071	1.86873	1.86873	0.170041	1.99727	1.99727	0.505282	0.726152	-1.37712	2.63791	9.36179	3.15461	1
cg21151883	CCDC96;TADA2B	0.0933448	0.0523825	0.606758	-1.6481	0.0798725	0.643946	-1.55292	0.631936	1.11549	1.11549	0.914366	1.02466	1.02466	0.399209	0.82246	-1.21587	0.216125	0.744687	-1.34285	0.489187	0.852902	-1.17247	0.0193146	1.89794	1.89794	0.421742	1.20426	1.20426	2.63788	2.14271	0.722031	1
cg23713998	PRKD1	0.093347	0.0964011	0.526886	-1.89795	0.652498	1.17247	1.17247	0.136178	1.75705	1.75705	0.243085	0.651306	-1.53538	0.010294	0.321441	-3.11099	0.285277	0.677341	-1.47636	0.767927	1.10946	1.10946	0.630203	1.18564	1.18564	0.137659	0.57053	-1.75276	2.63785	5.14766	1.73463	1
cg01295782	EIF4E3;EIF4E3;EIF4E3;EIF4E3	0.0933476	0.0655497	0.0886948	-11.2746	0.196833	0.202017	-4.95007	0.0468652	0.0694655	-14.3956	0.275786	0.264774	-3.7768	0.0696386	0.0927009	-10.7874	0.156432	0.169162	-5.9115	0.00873205	0.0199171	-50.2082	0.373905	0.343058	-2.91496	0.0536337	0.0766318	-13.0494	2.63784	57.3986	19.3419	1
cg02389617	EIF4A2;SNORD2;EIF4A2	0.0933489	?	?	?	0.0614312	1.55231	1.55231	?	?	?	0.148815	1.37795	1.37795	?	?	?	0.398667	0.837257	-1.19438	0.084885	0.672708	-1.48653	0.460973	1.16667	1.16667	0.15324	0.728635	-1.37243	2.92226	1.26718	0.505902	1
cg24479524	UBXN10	0.09335	0.0401278	6.43314	6.43314	0.113168	3.86957	3.86957	0.66359	0.709283	-1.40988	0.173551	3.11575	3.11575	0.584702	1.54214	1.54214	0.12031	3.75304	3.75304	0.0243007	8.22473	8.22473	0.0271475	7.78847	7.78847	0.0777364	4.65856	4.65856	2.63781	25.736	8.6725	1
cg05783039	MID1	0.0933513	0.202155	2.70541	2.70541	0.830058	1.17216	1.17216	0.752341	1.26359	1.26359	0.569089	0.653571	-1.53006	0.206692	0.373722	-2.67579	0.946738	0.951824	-1.05061	0.0294188	6.65697	6.65697	0.0279515	6.81617	6.81617	0.0380941	5.91013	5.91013	2.6378	22.8182	7.68931	1
cg25418528	P2RX6;P2RX6	0.093352	0.0340618	0.315136	-3.17324	0.126506	0.462247	-2.16335	0.157015	0.493341	-2.027	0.196993	0.529014	-1.89031	0.00426796	0.167827	-5.95852	0.703267	0.83639	-1.19561	0.240318	0.563319	-1.77519	0.393447	0.664922	-1.50393	0.165689	0.501496	-1.99403	2.63779	9.10433	3.068	1
cg25382573	C12orf74;C12orf74	0.0933542	0.230645	1.3999	1.3999	0.0105	0.422535	-2.36667	0.23581	0.717237	-1.39424	0.827452	0.943276	-1.06014	0.74987	0.917993	-1.08933	0.882939	1.0402	1.0402	0.0839647	1.66786	1.66786	0.687559	0.897491	-1.11422	0.091662	0.608465	-1.64348	2.63776	2.98962	1.00746	1
cg01676322	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4;ACBD4	0.0933586	0.0135667	0.259641	-3.85147	0.65167	0.818225	-1.22216	0.528135	1.32599	1.32599	0.105151	2.18504	2.18504	0.0420519	0.355536	-2.81265	0.733226	0.859823	-1.16303	0.406788	0.687546	-1.45445	0.460365	0.717628	-1.39348	0.117603	0.472236	-2.11758	2.63771	8.14116	2.74351	1
cg10202874	HERC2P4	0.093359	0.356592	0.852092	-1.17358	0.613482	0.917612	-1.08979	0.416365	0.869165	-1.15053	0.453075	1.13772	1.13772	0.459426	0.880597	-1.13559	0.0182557	1.622	1.622	0.650029	0.92579	-1.08016	0.0784323	0.718924	-1.39097	0.0374562	0.665253	-1.50319	2.63771	1.19045	0.401173	1
cg24332783	PAX6;PAX6;PAX6	0.0933596	0.270447	2.57274	2.57274	0.00600408	19.2386	19.2386	0.0259959	8.81204	8.81204	0.603991	1.53867	1.53867	0.334802	2.26859	2.26859	0.535902	1.67572	1.67572	0.104793	4.30573	4.30573	0.0693324	5.32976	5.32976	0.897375	1.11212	1.11212	2.6377	28.333	9.54803	1
cg14970096	TMCO1	0.093361	0.307904	0.427784	-2.33763	0.0797936	4.9799	4.9799	0.466408	1.80875	1.80875	?	?	?	0.0596052	0.170856	-5.85289	0.0178378	0.0850514	-11.7576	0.810604	0.82622	-1.21033	0.848341	1.16438	1.16438	0.688829	1.37775	1.37775	3.08743	26.1353	6.3488	1
cg09869531	HS3ST2	0.0933611	0.968175	0.986006	-1.01419	0.00622541	0.283742	-3.52433	0.023905	0.385978	-2.59082	0.0743465	0.495424	-2.01847	0.466224	0.769571	-1.29943	0.768037	0.900796	-1.11013	0.44706	0.760527	-1.31488	0.123361	0.554559	-1.80324	0.243937	0.650097	-1.53823	2.63768	5.21258	1.75662	1
cg24755297	MIR519D;MIR517A	0.0933667	0.414825	1.23061	1.23061	0.100291	0.638744	-1.56557	0.218071	0.724296	-1.38065	0.995205	0.998505	-1.0015	0.836896	0.949975	-1.05266	0.0647144	0.596588	-1.6762	0.0268611	1.92079	1.92079	0.198114	0.712747	-1.40302	0.12597	0.662193	-1.51013	2.63762	2.58915	0.872556	1
cg07159286	ZNF268;ZNF268;ZNF268;ZNF268;ZNF268;ZNF268;ZNF268;ZNF268	0.0933668	0.615226	0.928418	-1.0771	0.888811	1.02071	1.02071	0.0636913	1.35733	1.35733	0.707001	0.946162	-1.0569	0.134673	1.26665	1.26665	0.0375285	1.4243	1.4243	0.0159604	1.54099	1.54099	0.303707	0.855456	-1.16897	0.432197	1.12466	1.12466	2.63761	0.897248	0.302377	1
cg04012931	IER3;FLOT1	0.0933668	0.297401	0.561901	-1.77967	0.0303903	3.88785	3.88785	0.02777	4.0065	4.0065	0.453211	1.5034	1.5034	0.0961574	0.377227	-2.65092	0.819115	1.13001	1.13001	0.34026	1.68949	1.68949	0.12693	2.41303	2.41303	0.842897	1.11169	1.11169	2.63761	11.8941	4.00838	1
cg27532722	MMP11	0.0933698	0.0662555	0.52373	-1.90938	0.0592371	0.512401	-1.9516	0.748272	1.10637	1.10637	0.67836	0.877282	-1.13988	0.300379	0.713966	-1.40063	0.560939	0.831452	-1.20272	0.587912	0.842178	-1.1874	0.00360533	0.290212	-3.44576	0.763248	0.909515	-1.09949	2.63758	4.11747	1.38763	1
cg26640205	MAPK7;MAPK7;MAPK7;MAPK7	0.0933707	0.0702151	0.616647	-1.62167	0.0117126	0.471287	-2.12185	0.970524	1.00887	1.00887	0.317435	1.27999	1.27999	0.0325905	0.550218	-1.81746	0.229324	0.739843	-1.35164	0.691448	1.09998	1.09998	0.339651	0.790509	-1.26501	0.981451	0.994462	-1.00557	2.63757	2.3835	0.803266	1
cg24155668	MAPK13	0.0933712	0.962874	1.01769	1.01769	0.0155488	3.05723	3.05723	0.288677	0.660457	-1.5141	0.443377	0.745036	-1.34222	0.955401	0.979157	-1.02129	0.633785	0.834639	-1.19812	0.0338076	0.393232	-2.54303	0.176128	1.71887	1.71887	0.329456	1.46088	1.46088	2.63756	5.92503	1.99681	1
cg05576648	SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC	0.0933715	0.0868159	0.424578	-2.35528	0.290677	1.64326	1.64326	0.920675	0.955885	-1.04615	0.106466	0.450033	-2.22206	0.0132322	0.248862	-4.0183	0.0844118	0.421205	-2.37414	0.0964308	0.437467	-2.28589	0.61324	1.25969	1.25969	0.32647	0.631995	-1.58229	2.63756	8.57038	2.88832	1
cg21598294	DNMT3A;DNMT3A	0.0933723	0.456299	1.16334	1.16334	0.0297566	1.66539	1.66539	0.671324	0.918409	-1.08884	0.433264	1.17287	1.17287	0.0306003	0.602553	-1.65961	0.723248	0.931554	-1.07348	0.849499	1.03861	1.03861	0.0348003	1.63329	1.63329	0.836297	0.959581	-1.04212	2.63755	1.66104	0.559791	1
cg21045711	NUDT6;SPATA5	0.0933729	0.023359	0.134145	-7.45462	0.201327	0.36771	-2.71953	0.270321	0.427005	-2.34189	0.179719	0.347689	-2.87614	0.0338354	0.159292	-6.2778	0.0563277	0.201451	-4.964	0.0281559	0.14631	-6.8348	0.0563239	0.201444	-4.96415	0.128526	0.295822	-3.38041	2.63754	22.9614	7.73833	1
cg06013395	EPHB3	0.0933753	0.515202	0.722116	-1.38482	0.181122	0.496339	-2.01475	0.0545301	2.9334	2.9334	0.800396	1.13314	1.13314	0.129104	0.445249	-2.24593	0.033581	0.293817	-3.40348	0.0869535	0.393518	-2.54118	0.0802131	0.383826	-2.60535	0.678114	0.813897	-1.22866	2.63751	10.1683	3.42691	1
cg07007062	EGFLAM;EGFLAM;EGFLAM	0.0933756	0.376992	0.744084	-1.34393	0.661747	1.15436	1.15436	0.415059	0.762122	-1.31213	0.852319	0.941043	-1.06265	0.063306	0.506116	-1.97583	0.265975	1.4593	1.4593	0.00645004	3.17419	3.17419	0.856779	1.06068	1.06068	0.646354	1.16258	1.16258	2.63751	4.44138	1.49683	1
cg10353683	XCR1;XCR1	0.0933793	0.0585292	0.307852	-3.24832	0.818261	0.880842	-1.13528	0.208804	0.481734	-2.07583	0.0321059	0.250605	-3.99034	0.0129633	0.18269	-5.47375	0.201246	0.475206	-2.10435	0.06825	0.324509	-3.08158	0.496157	0.683242	-1.46361	0.0516734	0.294995	-3.38989	2.63746	12.6931	4.27788	1
cg02524277	ACBD7	0.0933797	0.971594	0.996679	-1.00333	0.20682	1.13243	1.13243	0.522842	1.06236	1.06236	0.789169	1.02535	1.02535	0.259969	0.896046	-1.11601	0.388422	1.08608	1.08608	0.00414429	0.698346	-1.43196	0.539556	1.05974	1.05974	0.485415	1.06846	1.06846	2.63746	0.364491	0.122843	1
cg04104329	RALA	0.0933799	0.258819	0.632167	-1.58186	0.556578	0.793367	-1.26045	0.145234	0.543965	-1.83835	0.280231	1.54795	1.54795	0.0192614	0.332184	-3.01038	0.674187	0.848238	-1.17891	0.0580299	0.434299	-2.30256	0.0889309	2.07576	2.07576	0.858797	1.07178	1.07178	2.63746	6.32948	2.13319	1
cg06332621	RBM47;RBM47	0.09338	0.00626853	0.270825	-3.69242	0.139281	0.557877	-1.79251	0.485986	0.771319	-1.29648	0.0393763	0.417199	-2.39694	0.535035	1.25913	1.25913	0.939699	1.02814	1.02814	0.133399	0.552223	-1.81086	0.731933	1.13442	1.13442	0.85056	0.93316	-1.07163	2.63746	5.61944	1.89389	1
cg14877896	TLX2	0.0933802	0.0600723	0.192605	-5.19197	0.209285	0.357837	-2.79457	0.110619	0.259234	-3.85752	0.175367	0.326576	-3.06208	0.937002	0.940461	-1.06331	0.188834	0.33923	-2.94786	0.00662594	0.0647786	-15.4372	0.6706	0.717318	-1.39408	0.339202	2.14896	2.14896	2.63745	25.1895	8.48949	1
cg18653708	TMEM22;TMEM22;TMEM22	0.0933817	0.0759208	2.76212	2.76212	0.11448	2.4182	2.4182	0.0103206	5.2711	5.2711	0.312229	1.71209	1.71209	0.259315	0.545904	-1.83183	0.777264	1.15706	1.15706	0.233036	0.525603	-1.90258	0.648546	0.789752	-1.26622	0.945675	0.965555	-1.03567	2.63743	11.0518	3.72478	1
cg02403294	LOC400927	0.0933823	0.0932118	1.29336	1.29336	0.224023	1.19475	1.19475	0.0527965	1.35886	1.35886	0.743377	1.04683	1.04683	0.0544018	0.737821	-1.35534	0.0240619	1.45477	1.45477	0.665643	1.06244	1.06244	0.36767	1.13758	1.13758	0.308975	1.15798	1.15798	2.63743	0.810588	0.273191	1
cg14855124	GPR157	0.0933826	0.040731	0.338585	-2.95347	0.0992258	0.436709	-2.28985	0.0437062	0.345451	-2.89477	0.100308	0.438082	-2.28268	0.0110233	0.231822	-4.31366	0.736515	1.16744	1.16744	0.466295	0.711869	-1.40475	0.660726	0.816707	-1.22443	0.170438	0.512099	-1.95275	2.63742	8.77831	2.95855	1
cg16043635	MEGF6	0.0933827	0.0361626	0.328742	-3.0419	0.069074	0.395014	-2.53155	0.169642	0.512732	-1.95034	0.139935	0.484236	-2.06511	0.0650277	0.388292	-2.57538	0.29366	0.608117	-1.64442	0.0129917	0.244754	-4.08574	0.056711	0.373495	-2.67741	0.109984	0.45136	-2.21552	2.63742	8.70917	2.93525	1
cg26178163	EFNA5	0.0933867	0.290297	0.561707	-1.78029	0.00768623	0.165271	-6.05067	0.0522454	0.313396	-3.19086	0.261143	0.540162	-1.8513	0.0295612	0.260165	-3.84371	0.476382	0.68348	-1.4631	0.0484204	0.305716	-3.27101	0.444517	0.663887	-1.50628	0.386236	0.627002	-1.59489	2.63737	11.5368	3.8883	1
cg20341836	HCG4P6	0.0933871	0.244283	3.14475	3.14475	0.794079	1.27895	1.27895	0.0731209	6.55277	6.55277	0.347174	2.4855	2.4855	0.0900488	5.79678	5.79678	0.174146	3.89538	3.89538	0.00582984	29.8385	29.8385	0.0468327	8.50331	8.50331	0.119231	4.90536	4.90536	2.63737	36.9529	12.4545	1
cg08921126	SNAP25;SNAP25	0.0933888	0.0100246	0.60712	-1.64712	0.853784	1.02873	1.02873	0.274561	0.839851	-1.19069	0.214821	1.22197	1.22197	0.603311	1.08381	1.08381	0.789191	1.042	1.042	0.957793	0.991908	-1.00816	0.117974	1.29772	1.29772	0.0959302	1.32408	1.32408	2.63735	0.984456	0.3318	1
cg21189054	NCAM1;NCAM1;NCAM1	0.0933907	0.990151	0.996595	-1.00342	0.239738	1.4052	1.4052	0.251546	1.39239	1.39239	0.49947	0.827425	-1.20857	0.457217	1.23271	1.23271	0.992893	1.00246	1.00246	0.00776934	0.388844	-2.57172	0.0756903	0.579065	-1.72692	0.255612	0.720397	-1.38812	2.63733	3.18959	1.07502	1
cg27414487	ROBO4;ROBO4	0.0933952	0.451188	1.39743	1.39743	0.111236	2.13037	2.13037	0.509833	1.33836	1.33836	0.773993	0.88205	-1.13372	0.595015	0.791458	-1.26349	0.282908	1.62641	1.62641	0.00744553	4.49233	4.49233	0.0201449	3.39323	3.39323	0.308483	1.58326	1.58326	2.63727	7.93697	2.67514	1
cg11601252	LBXCOR1	0.093397	0.0492934	47.2659	47.2659	0.116037	18.8234	18.8234	0.192608	10.6928	10.6928	0.435252	3.9271	3.9271	0.154731	13.6965	13.6965	0.254906	7.71062	7.71062	0.012627	206.076	206.076	0.0222072	111.111	111.111	0.0642707	35.6058	35.6058	2.63725	123.329	41.5681	1
cg18421360	GPR98;GPR98	0.093397	0.34679	0.641438	-1.559	0.0768588	2.46401	2.46401	0.289408	0.604103	-1.65535	0.750449	1.15748	1.15748	0.00656789	0.198296	-5.04297	0.55538	0.760798	-1.31441	0.574227	1.29717	1.29717	0.757699	0.867768	-1.15238	0.167128	0.509155	-1.96404	2.63725	8.77423	2.95737	1
cg13560904	OTUD7B	0.093397	0.591809	1.07328	1.07328	0.234309	0.84968	-1.17691	0.406674	1.11729	1.11729	0.792902	1.03498	1.03498	0.0878971	1.27902	1.27902	0.988935	1.00181	1.00181	0.0856716	1.28171	1.28171	0.44512	1.10705	1.10705	0.00491977	1.62708	1.62708	2.63725	0.713034	0.240329	1
cg24697433	TRIM27	0.0933973	0.051359	0.267417	-3.73948	0.505074	0.668907	-1.49498	0.910489	0.935324	-1.06915	0.158683	0.408295	-2.44921	0.00827279	0.134313	-7.44532	0.122481	0.369701	-2.70489	0.0449364	0.254549	-3.92852	0.656581	1.30482	1.30482	0.215944	0.46105	-2.16896	2.63725	14.7644	4.97636	1
cg12198334	SHANK2	0.0933973	0.06652	0.129791	-7.70471	0.368321	0.399742	-2.50161	0.172393	0.236641	-4.22582	0.0674827	0.130948	-7.6366	0.0432724	0.0995653	-10.0437	0.366426	0.398213	-2.51122	0.00814779	0.0347102	-28.81	0.282132	0.329854	-3.03164	0.0577208	0.118908	-8.40983	2.63725	41.1291	13.8626	1
cg00597445	CRMP1;CRMP1	0.0933976	0.100085	0.424761	-2.35426	0.84317	0.910165	-1.0987	0.837916	1.10223	1.10223	0.453146	1.43787	1.43787	0.013343	0.233018	-4.29152	0.381599	0.65283	-1.53179	0.018768	0.258416	-3.86973	0.482343	0.712257	-1.40399	0.0970067	0.420803	-2.37641	2.63724	9.43205	3.17909	1
cg14952089	3-Mar	0.0933992	0.815373	0.941875	-1.06171	0.348421	1.28036	1.28036	0.0501474	1.77135	1.77135	0.371488	0.790633	-1.26481	0.166692	1.4586	1.4586	0.0271381	0.511915	-1.95345	0.1426	0.667994	-1.49702	0.251279	1.35916	1.35916	0.537243	1.17345	1.17345	2.63722	2.73761	0.922723	1
cg04208403	ZNF423	0.0933993	0.865801	1.04737	1.04737	0.158154	1.51118	1.51118	0.460814	1.2281	1.2281	0.646792	1.13457	1.13457	0.234899	0.711271	-1.40593	0.161452	0.66418	-1.50562	0.00798379	0.394371	-2.53568	0.111936	0.622705	-1.6059	0.971954	1.00967	1.00967	2.63722	3.12778	1.05423	1
cg12582957	PTPRN2;PTPRN2;PTPRN2	0.0933994	0.332859	0.764143	-1.30866	0.492141	0.828723	-1.20668	0.170403	0.674921	-1.48165	0.0985103	0.613916	-1.62889	0.0056506	0.376097	-2.65889	0.437008	1.23802	1.23802	0.438733	1.23699	1.23699	0.0977723	0.613133	-1.63097	0.514333	0.83688	-1.19491	2.63722	3.02881	1.02087	1
cg16198416	LRAT	0.0933994	0.0101598	0.0858104	-11.6536	0.250154	0.402407	-2.48505	0.44269	0.552725	-1.80922	0.764891	0.796773	-1.25506	0.090752	0.243771	-4.10221	0.11184	0.269391	-3.71208	0.0213206	0.122954	-8.13312	0.544941	0.628704	-1.59057	0.0506531	0.18509	-5.40279	2.63722	23.9654	8.07764	1
cg26386826	FAM107A;FAM107A	0.0933996	0.501738	1.36932	1.36932	0.167557	0.507549	-1.97026	0.127997	0.468334	-2.13523	0.504321	0.731717	-1.36665	0.0326148	0.315746	-3.1671	0.163242	1.98583	1.98583	0.119644	2.1781	2.1781	0.121911	2.16611	2.16611	0.700582	1.19497	1.19497	2.63722	8.8767	2.99194	1
cg04723297	ASPG	0.0933999	0.472509	0.864894	-1.15621	0.873829	1.03207	1.03207	0.0713617	0.6703	-1.49187	0.501416	1.14515	1.14515	0.105088	0.70343	-1.4216	0.12188	1.39525	1.39525	0.0251574	1.69717	1.69717	0.744433	1.06713	1.06713	0.198319	0.763343	-1.31003	2.63722	1.64804	0.555481	1
cg08347442	FAM117B	0.0934043	0.0332724	0.566067	-1.76657	0.11015	0.671529	-1.48914	0.0417476	0.584637	-1.71046	0.905026	0.973072	-1.02767	0.0570961	0.61122	-1.63607	0.95193	0.986307	-1.01388	0.391897	1.22214	1.22214	0.146424	0.700118	-1.42833	0.043977	0.588974	-1.69787	2.63716	2.18445	0.736297	1
cg05756181	ALS2;ALS2	0.0934048	0.0979513	1.25732	1.25732	0.702945	0.952822	-1.04951	0.986909	0.997933	-1.00207	0.195515	0.841412	-1.18848	0.810203	1.03081	1.03081	0.0169984	1.44354	1.44354	0.83921	1.02596	1.02596	0.52406	1.08484	1.08484	0.0170963	1.44288	1.44288	2.63716	0.66447	0.223969	1
cg05382497	MRGPRE	0.0934056	0.0927835	0.412496	-2.42427	0.771618	1.14952	1.14952	0.561428	0.754928	-1.32463	0.375574	0.647004	-1.54558	0.0457958	0.334129	-2.99285	0.0851901	0.402043	-2.4873	0.0275514	0.287159	-3.48239	0.0136895	0.232299	-4.30479	0.231736	0.548517	-1.8231	2.63715	9.5744	3.22719	1
cg14855425	SIRT3;PSMD13;SIRT3;PSMD13	0.0934059	0.0597711	0.417618	-2.39454	0.0905552	2.15237	2.15237	0.0497534	2.50936	2.50936	0.470017	0.739245	-1.35273	0.426566	0.716253	-1.39616	0.553075	0.781407	-1.27974	0.21627	1.70728	1.70728	0.440074	1.3822	1.3822	0.07137	2.28829	2.28829	2.63714	7.05764	2.37888	1
cg15483381	MEGF6	0.0934072	0.677215	0.7984	-1.2525	0.258259	0.530232	-1.88597	0.543698	1.39175	1.39175	0.759557	0.847805	-1.17952	0.0291817	0.251012	-3.98387	0.133222	0.418457	-2.38973	0.007732	0.158796	-6.29737	0.388569	1.60843	1.60843	0.440271	0.654887	-1.52698	2.63713	12.0813	4.07221	1
cg15652212	TMEM139	0.0934077	0.243337	0.787113	-1.27047	0.0881536	1.44625	1.44625	0.547478	0.887484	-1.12678	0.602865	0.902191	-1.10841	0.431349	0.854292	-1.17056	0.285658	1.24289	1.24289	0.00573135	2.03441	2.03441	0.764039	1.06081	1.06081	0.874067	0.969376	-1.03159	2.63712	1.60593	0.541308	1
cg11033835	ROBO2	0.093408	0.534644	0.81987	-1.21971	0.0987144	1.78419	1.78419	0.0547881	2.0145	2.0145	0.0307785	2.27124	2.27124	0.400998	1.31251	1.31251	0.153707	0.614725	-1.62674	0.132069	0.595436	-1.67944	0.699749	1.13003	1.13003	0.333551	1.3715	1.3715	2.81091	4.33053	1.19826	1
cg26107100	CCDC88B	0.0934083	0.65301	0.804687	-1.24272	0.10346	0.425238	-2.35163	0.12206	0.447229	-2.23599	0.340366	0.623875	-1.60288	0.00268079	0.13632	-7.33567	0.113102	0.436926	-2.28872	0.957145	0.974527	-1.02614	0.420491	0.673559	-1.48465	0.575335	0.762026	-1.31229	2.63712	9.62954	3.24582	1
cg11731300	TSTD1;TSTD1;TSTD1	0.0934084	0.0487565	13.029	13.029	0.108559	7.3635	7.3635	0.238807	4.08444	4.08444	0.406677	2.63318	2.63318	0.126987	6.57081	6.57081	0.400409	2.66925	2.66925	0.0200121	24.5735	24.5735	0.0164433	28.3264	28.3264	0.0496509	12.8623	12.8623	2.63711	54.3374	18.3154	1
cg26386846	IGSF11;IGSF11	0.0934096	0.779768	1.10749	1.10749	0.462337	1.31408	1.31408	0.00514972	4.0853	4.0853	0.524543	0.790366	-1.26524	0.428635	0.744442	-1.34329	0.580079	1.22602	1.22602	?	?	?	0.69887	0.867942	-1.15215	0.187937	0.598962	-1.66955	2.83978	5.18749	1.59838	1
cg02406828	NOTCH1	0.0934109	0.826147	0.957745	-1.04412	0.136068	1.3706	1.3706	0.0327382	1.63286	1.63286	0.90404	0.976607	-1.02395	0.283751	1.2443	1.2443	0.0178625	0.568338	-1.75952	0.814821	1.04712	1.04712	0.174526	1.32772	1.32772	0.440063	1.16712	1.16712	2.63708	1.60882	0.54229	1
cg18755020	C2orf54;C2orf54	0.0934119	0.116324	0.392327	-2.54889	0.813127	0.878237	-1.13865	0.04059	0.273504	-3.65625	0.18113	0.459126	-2.17805	0.0503907	0.294406	-3.39667	0.601031	0.748801	-1.33547	0.0227254	0.224236	-4.45959	0.164434	2.25536	2.25536	0.333526	0.578744	-1.72788	2.63707	12.5552	4.23203	1
cg08604223	IQGAP2	0.0934138	0.0730736	0.476006	-2.10081	0.0117449	0.310735	-3.21817	0.154606	0.567926	-1.76079	0.983015	0.992126	-1.00794	0.0300878	0.387801	-2.57864	0.0672434	0.466933	-2.14164	0.0675854	0.467481	-2.13913	0.312538	0.678467	-1.47391	0.48148	0.766677	-1.30433	2.63705	5.75897	1.94122	1
cg24466377	SIX5	0.0934147	0.639166	0.864762	-1.15639	0.441711	1.27299	1.27299	0.928433	1.02803	1.02803	0.197904	1.52002	1.52002	0.693592	0.885294	-1.12957	0.903886	1.03787	1.03787	0.0087733	0.358066	-2.79278	0.100953	1.73796	1.73796	0.11262	1.70132	1.70132	2.63704	3.95388	1.33277	1
cg22824376	TMEM63C	0.0934155	0.0966184	0.440103	-2.27219	0.239219	0.574307	-1.74123	0.863109	1.08075	1.08075	0.109679	0.456263	-2.19172	0.0507363	2.72266	2.72266	0.0541716	0.374073	-2.67327	0.812569	0.898632	-1.1128	0.160948	1.96161	1.96161	0.28961	0.609826	-1.63981	2.63703	8.45591	2.85032	1
cg09107315	GIPC2	0.0934173	0.0515894	3.66426	3.66426	0.325924	1.81211	1.81211	0.846367	0.892529	-1.12041	0.369378	1.71658	1.71658	0.461007	0.64411	-1.55253	0.927669	1.05466	1.05466	0.154381	0.409196	-2.44382	0.0127152	6.13994	6.13994	0.100983	2.86558	2.86558	2.63701	14.3475	4.8363	1
cg00199000	ANKRD11	0.0934192	0.972699	0.983973	-1.01629	0.59847	1.28515	1.28515	0.179779	1.95934	1.95934	0.0124935	4.33677	4.33677	0.964446	0.979176	-1.02127	0.387098	0.658009	-1.51973	0.629522	0.794949	-1.25794	0.0135459	4.23144	4.23144	0.332231	1.60359	1.60359	2.63698	9.30828	3.13768	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03867445	ZNF511;TUBGCP2	0.0934207	0.0197186	1.82124	1.82124	0.308218	1.25171	1.25171	0.333438	1.23661	1.23661	0.264884	0.780863	-1.28063	0.094529	0.676233	-1.47878
cg04379055	HRNBP3	0.0934207	0.171607	0.384141	-2.60321	0.759435	1.22374	1.22374	0.650835	0.741167	-1.34922	0.969056	0.974821	-1.02583	0.100927	0.306968	-3.25766
cg22814941	EFR3A	0.0934211	0.0380637	0.589531	-1.69626	0.566752	0.880511	-1.1357	0.545001	0.874042	-1.14411	0.51438	1.1564	1.1564	0.927917	1.02008	1.02008
cg13273972	SF3A1;CCDC157;SF3A1	0.0934213	0.463191	0.880994	-1.13508	0.828804	1.03743	1.03743	0.390231	0.861233	-1.16113	0.0136021	0.595696	-1.67871	0.827693	1.03768	1.03768
cg08682532	ISLR2;ISLR2;ISLR2;ISLR2	0.0934236	0.131497	1.90176	1.90176	0.0100202	3.60882	3.60882	0.191461	1.72628	1.72628	0.415655	1.38882	1.38882	0.992283	1.00383	1.00383
cg01093311	STRN3;STRN3	0.0934239	0.151628	0.478518	-2.08979	0.0106249	0.214086	-4.67103	0.685261	0.822428	-1.21591	0.335024	1.61123	1.61123	0.253707	0.564458	-1.77161
cg20200605	APOA1	0.0934258	0.749305	0.885058	-1.12987	0.0482721	0.42336	-2.36206	0.811635	0.913086	-1.09519	0.16565	0.56944	-1.75611	0.0227921	0.354236	-2.82298
cg17379532	ZNF618	0.0934271	0.0293503	0.128878	-7.75928	0.128312	0.269178	-3.71501	0.0181188	0.101152	-9.88614	0.253921	0.386307	-2.58862	0.0197986	0.105789	-9.45278
cg02938449	OBSL1	0.0934273	0.0111507	0.289134	-3.4586	0.986486	1.00663	1.00663	0.802874	1.10248	1.10248	0.269841	1.56546	1.56546	0.0170911	0.32178	-3.10771
cg02260587	PCDHB2;PCDHB2	0.0934288	0.064094	3.19193	3.19193	0.44571	0.648174	-1.54279	0.1047	2.68892	2.68892	0.389965	0.611784	-1.63456	0.106559	0.374214	-2.67227
cg20066227	C1QL3	0.0934303	0.535529	1.46284	1.46284	0.129522	2.69917	2.69917	0.409426	1.66771	1.66771	0.134311	0.375755	-2.66131	0.100456	2.97696	2.97696
cg08406102	EMX2OS	0.0934313	0.111495	0.18699	-5.34787	0.422177	0.452467	-2.21011	0.937003	0.926392	-1.07946	0.145662	0.220671	-4.53164	0.342761	0.388518	-2.57388
cg13599131	BNIP3	0.0934314	0.137401	2.16567	2.16567	0.0719794	2.63807	2.63807	0.318261	0.607614	-1.64578	0.172785	2.01523	2.01523	0.243982	0.55503	-1.80171
cg06912515	P2RX6;P2RX6;MGC16703	0.0934326	?	?	?	0.65154	1.39343	1.39343	0.493744	0.602202	-1.66057	?	?	?	?	?	?
cg17997310	MITF	0.093434	0.218298	1.20592	1.20592	0.741689	1.04899	1.04899	0.210452	1.21024	1.21024	0.0130199	0.64049	-1.5613	0.235629	1.19689	1.19689
cg00066817	ZNF407	0.0934349	0.13539	0.650459	-1.53738	0.314302	0.757242	-1.32058	0.0781522	0.592749	-1.68705	0.584386	1.15906	1.15906	0.0328673	0.513272	-1.94828
cg15420153	SGPL1	0.0934365	0.509932	0.856237	-1.1679	0.771658	0.934663	-1.0699	0.213991	0.737998	-1.35502	0.457701	1.19197	1.19197	0.627313	0.892607	-1.12031
cg26570830	SCNN1B	0.093438	0.0499208	0.302698	-3.30362	0.0276155	0.248588	-4.02272	0.647762	0.78205	-1.27869	0.105132	0.388163	-2.57624	0.6366	1.28961	1.28961
cg13179880	AKR1A1;AKR1A1	0.093439	0.896322	1.0233	1.0233	0.949777	1.01119	1.01119	0.156192	1.30741	1.30741	0.00661131	0.53633	-1.86452	0.423277	0.865439	-1.15548
cg05064002	FCHO1;FCHO1;FCHO1;FCHO1	0.093441	0.238979	0.806492	-1.23994	0.00561152	1.88535	1.88535	0.316267	1.19804	1.19804	0.336537	1.18863	1.18863	0.515532	1.12186	1.12186
cg25412448	PACRG;PACRG;PACRG	0.0934423	0.0804786	5.80507	5.80507	0.422615	2.10229	2.10229	0.543055	1.74798	1.74798	0.0503058	7.56916	7.56916	0.527661	0.559626	-1.78691
cg22789318	ABR;ABR;ABR	0.0934433	0.0393322	0.280359	-3.56686	0.0255761	0.242952	-4.11604	0.293642	0.55931	-1.78792	0.98222	0.988184	-1.01196	0.152582	0.441642	-2.26428
cg13615983	MAMDC4	0.0934439	0.0857948	0.417213	-2.39686	0.0222962	0.283388	-3.52873	0.156792	0.497953	-2.00822	0.112328	0.451169	-2.21646	0.00648792	0.196114	-5.09908
cg25294646	OBFC1	0.0934456	0.806031	0.91929	-1.0878	0.0660501	2.02454	2.02454	0.241365	1.5212	1.5212	0.295197	0.689815	-1.44966	0.177075	1.63356	1.63356
cg05379509	SPTB	0.0934482	0.198392	1.52307	1.52307	0.880493	1.04767	1.04767	0.877982	1.0487	1.0487	0.263458	1.43452	1.43452	0.968047	1.01248	1.01248
cg27166993	LGR5	0.0934488	0.67495	1.38363	1.38363	0.901566	0.909205	-1.09986	0.654313	1.41486	1.41486	0.0824193	0.222318	-4.49805	0.0043468	0.0462731	-21.6108
cg18729896	CCHCR1;TCF19;CCHCR1;TCF19;TCF19;CCHCR1;TCF19	0.0934505	0.380415	1.2138	1.2138	0.0144519	1.91374	1.91374	0.059269	1.5818	1.5818	0.988406	0.996876	-1.00313	0.40106	0.831027	-1.20333
cg00699986	VSX1	0.0934516	0.0269451	0.226846	-4.40827	0.150881	2.39091	2.39091	0.162794	2.32483	2.32483	0.757368	1.1918	1.1918	0.0696846	0.317049	-3.15409
cg07557707	ZSCAN1	0.0934531	0.0313781	0.526417	-1.89964	0.118935	0.650434	-1.53744	0.816371	0.942596	-1.0609	0.911913	1.02852	1.02852	0.110178	0.642444	-1.55656
cg23053525	DNAH17	0.0934561	0.235047	0.557294	-1.79438	0.148846	0.483207	-2.0695	0.054031	0.35796	-2.79361	0.0849483	0.408664	-2.447	0.00882712	0.208846	-4.78821
cg00136547	DST;DST;DST;DST;DST;DST;DST	0.0934585	0.0837716	0.475076	-2.10493	0.299669	0.658336	-1.51898	0.0357963	0.386726	-2.58581	0.978233	0.989445	-1.01067	0.0505506	0.420362	-2.3789
cg26409978	ZC3H10	0.0934585	0.498384	0.93287	-1.07196	0.191667	1.14998	1.14998	0.297398	1.11541	1.11541	0.118766	0.842656	-1.18672	0.132547	1.17833	1.17833
cg08402873	JAG1	0.0934589	0.562426	0.907374	-1.10208	0.132304	1.30941	1.30941	0.481015	0.887913	-1.12624	0.937438	1.01311	1.01311	0.780974	1.04735	1.04735
cg13418235	DMRT1	0.0934612	0.0993951	5.04597	5.04597	0.689105	1.43389	1.43389	0.0633829	6.494	6.494	0.75957	0.759506	-1.31664	0.697996	0.705089	-1.41826
cg09789474	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.0934653	0.059492	0.194805	-5.13334	0.613313	0.675788	-1.47975	0.125683	0.279608	-3.57643	0.035447	0.15211	-6.57417	0.0142287	0.0977347	-10.2318
cg09802610	NPHP4	0.0934696	0.553841	0.799171	-1.2513	0.0509037	0.434949	-2.29912	0.0445649	0.42171	-2.3713	0.701784	1.15491	1.15491	0.00784199	0.278793	-3.5869
cg20088756	BEGAIN;BEGAIN	0.0934701	0.0501967	0.227375	-4.39802	0.0123553	0.126637	-7.8966	0.0995926	0.301976	-3.31152	0.879644	1.10575	1.10575	0.051712	0.230178	-4.34447
cg15623503	DLC1;DLC1	0.0934705	0.0594329	1.69573	1.69573	0.406862	1.23442	1.23442	0.18198	1.42138	1.42138	0.183465	0.704483	-1.41948	0.0126655	0.463406	-2.15794
cg11647421	LRRC56	0.0934728	0.0933877	7.60323	7.60323	0.0679643	9.46035	9.46035	0.102607	7.12298	7.12298	0.137289	5.8083	5.8083	0.572036	0.53384	-1.87322
cg27501451	BRD2	0.0934733	0.00689526	0.0636152	-15.7195	0.328556	2.21287	2.21287	0.338604	2.1748	2.1748	0.262797	0.398685	-2.50824	?	?	?
cg24379995	CATSPER2;CATSPER2;CATSPER2	0.0934753	0.0298129	0.66169	-1.51128	0.274044	0.83207	-1.20182	0.0875253	0.737377	-1.35616	0.947569	1.01068	1.01068	0.365692	1.16197	1.16197
cg16167809	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.0934766	0.218767	0.642932	-1.55537	0.050887	2.1373	2.1373	0.0950952	0.534554	-1.87072	0.225044	0.647162	-1.54521	0.383586	0.737041	-1.35678
cg20278503	AFAP1;AFAP1;LOC84740	0.0934774	0.171625	0.530742	-1.88416	0.182831	0.540469	-1.85024	0.0196274	0.293115	-3.41163	0.0822831	0.432624	-2.31147	0.0292331	0.326853	-3.05948
cg08367318	C6orf27	0.0934775	0.188504	0.5746	-1.74034	0.0446189	0.399742	-2.50161	0.279017	0.639169	-1.56453	0.0563406	0.423444	-2.36159	0.00781474	0.257229	-3.88758
cg09442556	SKI	0.0934779	0.645869	0.853383	-1.17181	0.091096	1.89218	1.89218	0.025432	2.48476	2.48476	0.0899707	1.89725	1.89725	0.201176	0.629659	-1.58816
cg08461339	ANKMY1;ANKMY1	0.0934813	0.0601233	2.15874	2.15874	0.0215547	2.72269	2.72269	0.18187	1.67237	1.67237	0.158478	1.72815	1.72815	0.809261	0.915984	-1.09172
cg04822405	SLC12A4;SLC12A4;SLC12A4	0.0934857	0.0778122	0.370161	-2.70153	0.125432	2.31864	2.31864	0.0321367	3.57061	3.57061	0.197668	1.99472	1.99472	0.675935	0.808009	-1.23761
cg23054121	TSSC4	0.0934871	0.0435995	0.149843	-6.67367	0.829989	1.19234	1.19234	0.036731	0.137335	-7.28147	0.279091	0.39825	-2.51099	0.284917	0.403033	-2.48119
cg06124793	TNNT3;TNNT3;TNNT3;TNNT3	0.0934904	0.124495	0.530835	-1.88382	0.404979	0.722936	-1.38325	0.0649076	0.454165	-2.20185	0.604173	0.819438	-1.22035	0.0601436	0.446038	-2.24196
cg05358715	C16orf55;CHMP1A;CHMP1A	0.0934932	0.691451	0.773973	-1.29204	0.154002	0.371644	-2.69075	0.493215	0.639132	-1.56462	0.673028	1.31343	1.31343	0.654968	1.33503	1.33503
cg07694975	ACRBP	0.0934942	0.617519	1.4385	1.4385	0.0546197	4.82865	4.82865	0.177374	2.81616	2.81616	0.12931	3.26634	3.26634	0.0345658	5.92915	5.92915
cg05035061	ZDHHC7;ZDHHC7	0.0934978	0.392912	0.825216	-1.2118	0.289513	0.785589	-1.27293	0.040042	0.593999	-1.68351	0.693023	1.09099	1.09099	0.0240314	0.553867	-1.80549
cg04500745	MAPK8IP3;MAPK8IP3	0.093499	0.592043	1.45601	1.45601	0.0122215	8.7428	8.7428	0.0597455	4.37318	4.37318	0.578515	1.47664	1.47664	0.0482164	0.208466	-4.79694
cg16803840	TYW1	0.0934992	0.229989	0.648775	-1.54137	0.765978	0.902541	-1.10798	0.314042	0.69929	-1.43002	0.877384	0.948342	-1.05447	0.0085386	0.315738	-3.16718
cg03029060	ZNF184	0.0934999	0.572436	0.910338	-1.09849	0.0168494	1.61648	1.61648	0.0765735	1.38323	1.38323	0.729905	0.944519	-1.05874	0.435512	0.877193	-1.14
cg08732950	CBFA2T3	0.0935016	0.135158	0.352096	-2.84014	0.678287	0.763106	-1.31043	0.189599	0.406339	-2.461	0.0925116	0.301209	-3.31995	0.0395108	0.213651	-4.68053
cg00269033	ZNF500	0.0935033	0.239727	0.571072	-1.75109	0.0177775	0.269407	-3.71186	0.0921732	0.430169	-2.32467	0.550459	0.759638	-1.31642	0.011474	0.237095	-4.21772
cg16257494	TMSB4X;TMSL3	0.0935033	0.00640318	0.0258123	-38.7412	0.079487	0.134429	-7.43888	0.283876	3.15114	3.15114	0.724804	1.43964	1.43964	0.951726	1.0644	1.0644
cg11877297	ANXA11;ANXA11;ANXA11	0.0935064	0.0855401	0.549257	-1.82064	0.411341	1.30322	1.30322	0.174479	0.6342	-1.57679	0.34717	1.35687	1.35687	0.0226648	0.423075	-2.36365
cg11689605	ZNF554	0.093507	0.12634	1.28005	1.28005	0.69685	0.943229	-1.06019	0.475472	1.11442	1.11442	0.0377856	1.43282	1.43282	0.886056	0.978822	-1.02164
cg02652597	VAMP5	0.0935074	0.0492793	0.341334	-2.92968	0.0110153	0.217057	-4.60708	0.0378141	0.31547	-3.16987	0.297235	0.595931	-1.67805	0.11575	0.440908	-2.26805
cg12886634	RNF41;RNF41;RNF41	0.0935092	0.8814	1.10909	1.10909	0.00738528	10.9577	10.9577	0.810931	0.846864	-1.18083	0.653044	1.36867	1.36867	?	?	?
cg20840002	KBTBD3;KBTBD3	0.0935137	0.0653829	0.702795	-1.42289	0.392035	0.861116	-1.16128	0.432154	1.14648	1.14648	0.735527	0.943829	-1.05951	0.0647951	1.42425	1.42425
cg06655771	LRP6	0.0935159	0.943616	1.00908	1.00908	0.0710515	0.772841	-1.29393	0.684081	0.949068	-1.05367	0.210643	1.18359	1.18359	0.792253	0.966832	-1.03431
cg08569046	FOXK1	0.0935166	0.811397	1.06096	1.06096	0.20852	1.38843	1.38843	0.992358	0.997632	-1.00237	0.21361	1.38286	1.38286	0.573501	1.15118	1.15118
cg20495370	SLC7A7;SLC7A7;SLC7A7	0.0935167	0.0419564	0.326048	-3.06703	0.151796	0.479906	-2.08374	0.944338	0.967167	-1.03395	0.73462	0.849864	-1.17666	0.073861	0.385736	-2.59245
cg10069121	S100A11	0.093517	0.651466	1.15599	1.15599	0.10775	1.74978	1.74978	0.573376	0.834126	-1.19886	0.0622724	1.95229	1.95229	0.622359	0.853639	-1.17146
cg21765441	RDBP	0.0935173	0.788598	1.04446	1.04446	0.0692571	0.719637	-1.38959	0.244925	0.821282	-1.21761	0.568824	1.0977	1.0977	0.35271	1.16742	1.16742
cg18656686	SSPO	0.0935188	0.514223	0.870209	-1.14915	0.323246	0.806995	-1.23917	0.434943	0.845837	-1.18226	0.722894	1.0777	1.0777	0.642014	0.906288	-1.1034
cg25256067	THSD7A	0.093519	0.259987	0.698559	-1.43152	0.00698774	0.344678	-2.90125	0.497464	0.810335	-1.23406	0.848517	0.943289	-1.06012	0.0429422	0.491038	-2.0365
cg09250146	CELSR2	0.0935193	0.00753855	0.407921	-2.45145	0.621258	0.878198	-1.1387	0.488543	1.20143	1.20143	0.0856771	0.609325	-1.64116	0.187195	0.694488	-1.43991
cg00341415	MMP23A;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.0935238	0.0477736	0.334645	-2.98824	0.252161	0.560708	-1.78346	0.0815293	0.393068	-2.54409	0.768833	1.1532	1.1532	0.0224121	0.266318	-3.75491
cg26768703	SND1;MIR593	0.0935241	0.797832	0.966796	-1.03434	0.458473	0.905462	-1.10441	0.313653	1.14693	1.14693	0.602364	1.0716	1.0716	0.913239	0.985765	-1.01444
cg15293750	TRDMT1;TRDMT1;TRDMT1	0.0935244	0.389943	0.887286	-1.12703	0.0974538	0.781246	-1.28001	0.397217	1.12488	1.12488	0.822011	0.969878	-1.03106	0.25631	0.851427	-1.1745
cg09965267	POLR2J4	0.0935264	0.324618	0.833931	-1.19914	0.069425	1.43706	1.43706	0.0583596	1.46505	1.46505	0.875129	0.972314	-1.02847	0.956351	1.00982	1.00982
cg22700686	S100A2	0.0935277	0.0217143	0.159205	-6.2812	0.0477849	0.221069	-4.52347	0.011663	0.122201	-8.18325	0.122265	0.327302	-3.05529	0.307087	0.494056	-2.02406
cg00320027	PABPC1	0.093533	0.0985856	1.73313	1.73313	0.0252576	0.445871	-2.2428	0.141172	0.618504	-1.6168	0.215807	1.48513	1.48513	0.191951	0.657468	-1.52099
cg16486653	GPR132	0.0935346	0.586999	1.34522	1.34522	0.713611	1.22057	1.22057	0.536784	0.713053	-1.40242	0.358083	1.66698	1.66698	0.398033	1.59662	1.59662
cg22001513	GPBP1L1;TMEM69	0.0935351	0.0458934	1.24616	1.24616	0.517455	1.06515	1.06515	0.58114	1.05505	1.05505	0.705876	1.03714	1.03714	0.773248	1.02817	1.02817
cg09233791	RPS6KA2;RPS6KA2	0.0935354	0.456925	0.567851	-1.76103	0.00372785	0.0536138	-18.6519	0.120441	0.284182	-3.51887	0.714814	1.31537	1.31537	0.567015	0.649072	-1.54066
cg05729352	EDAR	0.0935359	0.043239	0.198823	-5.02961	0.308184	2.08076	2.08076	0.605719	0.696469	-1.43581	0.49166	0.615569	-1.62451	0.136754	0.328383	-3.04522
cg17482649	TSPYL2	0.0935372	0.125063	3.71379	3.71379	0.662352	1.41513	1.41513	0.461873	1.80741	1.80741	0.176805	3.10984	3.10984	0.612214	1.49775	1.49775
cg12707548	MLEC	0.0935372	0.0362505	0.363529	-2.75081	0.606248	1.2412	1.2412	0.327253	1.52241	1.52241	0.33028	0.658686	-1.51817	0.57368	1.26651	1.26651
cg21756355	MAD1L1;MAD1L1;MAD1L1	0.0935375	0.499975	1.18902	1.18902	0.426321	1.22801	1.22801	0.00625242	0.406171	-2.46202	0.806568	0.939854	-1.064	0.656377	0.892946	-1.11989
cg14288424	PRRX2	0.093538	0.380258	0.865491	-1.15541	0.842026	1.03255	1.03255	0.465781	0.88769	-1.12652	0.200716	0.805001	-1.24223	0.98687	0.997362	-1.00264
cg20810046	PASK	0.0935384	0.64788	0.857602	-1.16604	0.0558617	2.06199	2.06199	0.287918	1.44569	1.44569	0.371957	0.736216	-1.3583	0.00882404	0.328293	-3.04606
cg27224478	CDKAL1	0.0935394	0.079454	0.333359	-2.99977	0.0358106	0.252024	-3.96788	0.111509	0.376014	-2.65947	0.575383	0.726625	-1.37623	0.0298169	0.2363	-4.23191
cg07274998	OAT	0.0935402	0.847274	0.974246	-1.02644	0.265351	1.17008	1.17008	0.13445	1.24407	1.24407	0.408577	1.12117	1.12117	0.755374	1.0432	1.0432
cg00972222	NPAS3;NPAS3;NPAS3;NPAS3	0.0935427	0.461952	0.709535	-1.40937	0.811847	0.896487	-1.11547	0.692896	0.8337	-1.19947	0.260241	1.71274	1.71274	0.00530878	0.185741	-5.38384
cg18757172	ARX	0.0935427	0.040989	0.343477	-2.91141	0.0949175	2.29687	2.29687	0.465276	0.714114	-1.40034	0.521446	0.744946	-1.34238	0.796238	0.889364	-1.1244
cg03358345	CIT	0.0935462	0.768267	0.95528	-1.04681	0.331594	1.16778	1.16778	0.141582	1.2773	1.2773	0.971566	0.994496	-1.00553	0.347189	0.860808	-1.1617
cg12327342	CENPH	0.0935466	0.348623	0.621679	-1.60855	0.467461	1.43845	1.43845	0.22348	1.88145	1.88145	0.182807	0.496747	-2.0131	0.416347	0.664481	-1.50493
cg04307710	ALDH18A1;ALDH18A1	0.0935471	0.882946	1.05265	1.05265	0.00929256	0.316845	-3.15612	0.0243559	0.392786	-2.54591	0.857003	1.06483	1.06483	0.0502763	0.459688	-2.17539
cg11571761	ELL2	0.0935485	0.128621	7.03075	7.03075	0.105431	8.17094	8.17094	0.843646	0.79097	-1.26427	0.836147	1.27881	1.27881	0.422095	0.377644	-2.64799
cg25943276	NTM	0.0935499	0.875178	1.0922	1.0922	0.102292	0.366746	-2.72668	0.250596	0.509926	-1.96107	0.0743512	3.05082	3.05082	0.104597	0.369656	-2.70522
cg15468129	DNAH2	0.0935501	0.281091	0.78355	-1.27624	0.293054	1.26806	1.26806	0.563102	0.880481	-1.13574	0.44557	0.844252	-1.18448	0.765742	1.06722	1.06722
cg01886630	REPS2;REPS2	0.093552	0.141241	0.416677	-2.39994	0.401695	1.60788	1.60788	0.970962	1.02034	1.02034	0.0779935	2.95531	2.95531	0.035098	3.88984	3.88984
cg01386883	CACNA1D;CACNA1D;CACNA1D;CACNA1D;CACNA1D;CACNA1D	0.093552	0.825346	0.96466	-1.03664	0.00268552	0.508942	-1.96486	0.403316	1.14938	1.14938	0.674625	0.933573	-1.07115	0.216802	0.809316	-1.23561
cg26746037	ZFR2	0.0935531	0.0316706	0.0311949	-32.0565	0.372931	0.2839	-3.52236	0.425446	0.326162	-3.06596	0.531949	0.418325	-2.39049	0.0248008	0.0252733	-39.5674
cg25126678	AGBL5;AGBL5	0.0935568	0.0175081	1.79104	1.79104	0.610801	0.901726	-1.10898	0.0562132	1.54621	1.54621	0.970933	1.00737	1.00737	0.104105	0.698982	-1.43065
cg02238362	PRDM15	0.0935572	0.246559	0.571088	-1.75104	0.022586	0.282959	-3.53408	0.0119458	0.23454	-4.26367	0.323903	0.624365	-1.60163	0.0314917	0.311545	-3.20981
cg09376129	TMC5;TMC5;TMC5	0.0935574	0.755646	0.798245	-1.25275	0.067736	0.228289	-4.38041	0.195063	0.371831	-2.68939	0.728469	1.28605	1.28605	0.0205572	0.133462	-7.49276
cg19720377	GLP2R	0.0935581	0.0663153	0.373047	-2.68063	0.43338	0.681985	-1.46631	0.315175	0.608201	-1.64419	0.319775	0.611261	-1.63596	0.0164389	0.245703	-4.06996
cg00783712	CHRM3	0.0935602	0.0156954	0.172365	-5.80163	0.138127	2.58026	2.58026	0.0953669	2.96783	2.96783	0.497452	0.664326	-1.50529	0.0889466	0.328294	-3.04605
cg26833602	SUSD3	0.0935605	0.0782579	1.90281	1.90281	0.215635	1.53507	1.53507	0.0244095	2.41562	2.41562	0.366877	1.35641	1.35641	0.80721	0.922746	-1.08372
cg00335735	EPHA4	0.0935623	0.0784497	0.438812	-2.27888	0.526751	0.763185	-1.3103	0.447899	0.721861	-1.38531	0.343046	0.662582	-1.50925	0.00745504	0.234122	-4.27127
cg04945395	C3orf52	0.0935639	0.496113	0.697345	-1.43401	0.79475	1.14567	1.14567	0.290465	1.77226	1.77226	0.202963	0.496062	-2.01588	0.0496089	0.310865	-3.21683
cg19037291	C11orf80	0.0935648	0.158411	0.450528	-2.21962	0.95929	1.02736	1.02736	0.840436	1.11249	1.11249	0.266737	0.542314	-1.84395	0.0610526	0.327474	-3.05367
cg26733301	SLC17A9	0.0935664	0.0836352	1.92439	1.92439	0.845275	0.935384	-1.06908	0.00585422	0.291305	-3.43282	0.256798	0.667209	-1.49878	0.789071	1.096	1.096
cg25643118	ELOVL4	0.0935666	0.149988	0.58733	-1.70262	0.287922	0.683553	-1.46295	0.0918542	1.89639	1.89639	0.409564	1.33753	1.33753	0.12855	0.567535	-1.762
cg16381752	TOR1AIP2;TOR1AIP2	0.093567	0.398567	1.24855	1.24855	0.0147096	0.462449	-2.1624	0.154605	1.47893	1.47893	0.0640721	0.585976	-1.70655	0.912885	1.02851	1.02851
cg02532648	BTG3;BTG3	0.0935682	0.156816	1.61207	1.61207	0.572359	1.1971	1.1971	0.172917	1.57987	1.57987	0.131669	0.598607	-1.67054	0.0110306	0.365912	-2.7329
cg04022912	SLC5A11	0.0935684	0.0982116	0.393522	-2.54115	0.627784	1.28561	1.28561	0.0394152	0.293688	-3.40497	0.588328	0.75503	-1.32445	0.0597567	0.335433	-2.98123
cg10051869	SAPS2	0.0935696	0.410215	1.35524	1.35524	0.114515	0.538176	-1.85813	0.385734	0.72545	-1.37845	0.102776	1.90468	1.90468	0.200499	0.613812	-1.62916
cg05579025	NUP93	0.0935712	0.447313	0.885348	-1.1295	0.0111515	1.64902	1.64902	0.182206	1.24934	1.24934	0.734708	0.947927	-1.05493	0.597428	1.08741	1.08741
cg10353612	FUT10	0.0935724	0.806143	0.952581	-1.04978	0.583455	1.11563	1.11563	0.112117	1.40749	1.40749	0.533186	0.882758	-1.13281	0.834679	0.959548	-1.04216
cg14318942	CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D	0.0935728	0.0477146	0.798969	-1.25161	0.182758	1.15045	1.15045	0.753568	1.03171	1.03171	0.629652	0.952977	-1.04934	0.0234602	0.764668	-1.30776
cg23486923	PCGF3	0.0935734	0.407434	1.34258	1.34258	0.573429	1.21868	1.21868	0.109727	1.83336	1.83336	0.056757	2.11622	2.11622	0.0445741	0.448525	-2.22953
cg16017130	KIAA0562	0.0935737	0.777431	1.05791	1.05791	0.0619493	0.658662	-1.51823	0.0184406	0.566724	-1.76453	0.757688	1.0634	1.0634	0.656124	1.09311	1.09311
cg20635595	SEPW1	0.0935738	0.155766	0.722022	-1.385	0.00897168	2.03947	2.03947	0.233833	1.30692	1.30692	0.933568	1.01804	1.01804	0.801181	1.0556	1.0556
cg06394229	LGALS4	0.0935752	0.128165	0.659097	-1.51723	0.687585	0.902605	-1.1079	0.0979776	0.631203	-1.58428	0.0231556	0.502477	-1.99014	0.31103	0.76668	-1.30433
cg22147449	DDX17;DDX17	0.0935762	0.600153	0.799293	-1.25111	0.486094	0.740985	-1.34955	0.0847379	0.445966	-2.24232	0.7487	1.14584	1.14584	0.646467	1.21606	1.21606
cg23363031	NTM;NTM;NTM;NTM	0.0935769	0.29294	1.24497	1.24497	0.0189126	1.76985	1.76985	0.0554958	1.54628	1.54628	0.557914	0.887804	-1.12638	0.222152	0.77285	-1.29391
cg27306382	LAMB2;USP19	0.0935773	0.707883	0.927693	-1.07794	0.13035	1.3851	1.3851	0.373715	1.1997	1.1997	0.433477	1.17277	1.17277	0.449562	1.16607	1.16607
cg21810793	MIR200A;MIR429	0.0935775	0.834455	0.950785	-1.05176	0.603744	1.13459	1.13459	0.602661	1.13503	1.13503	0.986121	1.0042	1.0042	0.0189623	0.504025	-1.98403
cg05798911	LMOD3	0.0935797	0.165195	0.625256	-1.59934	0.0877266	0.549982	-1.81824	0.0200868	0.410791	-2.43433	0.0683891	0.523489	-1.91026	0.519741	1.22999	1.22999
cg03461287	KCNJ4;KCNJ4	0.0935838	0.0924308	1.8136	1.8136	0.391143	1.32637	1.32637	0.548115	0.822537	-1.21575	0.221593	1.51134	1.51134	0.925927	0.97055	-1.03034
cg08691323	PPAP2A;PPAP2A;RNF138P1	0.0935851	0.275559	1.41092	1.41092	0.421016	0.779211	-1.28335	0.423084	0.780113	-1.28187	0.618885	1.16438	1.16438	0.207091	1.49747	1.49747
cg10583180	GRIK2;GRIK2;GRIK2	0.0935857	0.0551555	0.325983	-3.06765	0.135358	2.29298	2.29298	0.0973483	2.55479	2.55479	0.817472	1.12659	1.12659	0.139608	0.440613	-2.26956
cg00198436	FAM72B;FAM72B	0.0935867	0.0960847	0.840237	-1.19014	0.773918	1.02781	1.02781	0.0354678	1.26265	1.26265	0.567482	1.05659	1.05659	0.881587	0.985903	-1.0143
cg10210806	ESPN	0.0935894	0.536673	1.94446	1.94446	0.172091	4.68762	4.68762	0.881967	0.853922	-1.17107	0.0480014	11.0511	11.0511	0.17512	0.215948	-4.63074
cg11629900	ANKS1A	0.0935898	0.120003	0.739912	-1.35151	0.593016	0.908149	-1.10114	0.158061	0.763742	-1.30934	0.184459	0.777711	-1.28583	0.962581	0.991657	-1.00841
cg03833400	MRGPRX1	0.0935902	0.0569984	0.601459	-1.66262	0.656967	0.899866	-1.11128	0.0721354	0.622634	-1.60608	0.012512	0.480292	-2.08207	0.168786	0.707427	-1.41357
cg12169852	SKA2;SKA2;PRR11	0.093591	0.0307477	2.3548	2.3548	0.829096	1.07374	1.07374	0.213226	0.647436	-1.54455	0.0229212	0.397978	-2.5127	0.454337	1.28591	1.28591
cg14499797	SOX4;SOX4	0.0935935	0.145072	1.33638	1.33638	0.0548007	1.4972	1.4972	0.361084	1.19001	1.19001	0.135592	1.34722	1.34722	0.00953893	1.83735	1.83735
cg08450982	NUMBL	0.0936012	0.945034	0.976985	-1.02356	0.299042	1.43831	1.43831	0.0541924	2.09148	2.09148	0.631216	1.17741	1.17741	0.509576	0.797788	-1.25347

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03867445	0.825201	1.04821	1.04821	0.208779	1.32586	1.32586	0.304674	1.25393	1.25393	0.0528699	1.59745	1.59745	2.63697	1.89251	0.637943	1
cg04379055	0.0926199	0.296239	-3.37566	0.0036509	0.0754195	-13.2592	0.404905	0.571082	-1.75106	0.160531	0.373261	-2.67909	2.63697	18.0486	6.08395	1
cg22814941	0.578128	1.13141	1.13141	0.00415489	0.429853	-2.32638	0.84089	0.956787	-1.04516	0.802807	1.05653	1.05653	2.63696	2.01708	0.679933	1
cg13273972	0.0275547	1.55609	1.55609	0.610508	0.916528	-1.09107	0.106663	0.74163	-1.34838	0.979937	1.00428	1.00428	2.63696	1.20245	0.405332	1
cg08682532	0.129952	1.90746	1.90746	0.36728	1.44142	1.44142	0.0107093	3.54759	3.54759	0.738001	1.14172	1.14172	2.63693	6.50895	2.19411	1
cg01093311	0.900788	0.941916	-1.06167	0.19773	0.520369	-1.92171	0.065409	2.6973	2.6973	0.743383	0.85418	-1.17071	2.63693	9.61356	3.24066	1
cg20200605	0.66587	0.847504	-1.17994	0.0578636	0.441902	-2.26294	0.0737012	0.467991	-2.13679	0.01941	0.340826	-2.93405	2.6369	6.05743	2.04193	1
cg17379532	0.579623	0.639742	-1.56313	0.0875556	0.221879	-4.50696	0.706141	0.739045	-1.3531	0.138363	0.279795	-3.57404	2.63689	26.6166	8.97239	1
cg02938449	0.945206	1.02717	1.02717	0.210612	0.597779	-1.67286	0.830351	0.919717	-1.08729	0.283602	0.64757	-1.54423	2.63689	6.35387	2.14188	1
cg02260587	0.0784577	2.97515	2.97515	0.319008	0.563018	-1.77614	0.2835	0.537123	-1.86177	0.169296	2.26315	2.26315	2.63687	12.9934	4.38008	1
cg20066227	0.0546453	0.266727	-3.74916	0.236045	0.471067	-2.12284	0.796776	0.855176	-1.16935	0.0620279	0.27977	-3.57436	2.63685	15.3484	5.17398	1
cg08406102	0.010555	0.0445309	-22.4563	0.0199222	0.0660211	-15.1467	0.176596	0.249212	-4.01265	0.0509499	0.11642	-8.5896	2.63684	39.0706	13.1709	1
cg13599131	0.63315	1.26143	1.26143	0.089414	2.47071	2.47071	0.544154	1.34515	1.34515	0.0438669	0.326696	-3.06095	2.63684	9.74152	3.28391	1
cg06912515	?	?	?	0.0155681	0.114779	-8.71238	0.402029	0.534794	-1.86988	0.0628838	0.217172	-4.60465	2.81412	13.1856	7.49683	1
cg17997310	0.118552	1.27764	1.27764	0.148988	0.799485	-1.25081	0.793016	0.962688	-1.03876	0.591189	1.08156	1.08156	2.63681	0.873192	0.29436	1
cg00066817	0.303495	0.752167	-1.32949	0.0171199	0.460001	-2.17391	0.035277	0.519352	-1.92548	0.198145	0.695278	-1.43827	2.6368	2.98206	1.00528	1
cg15420153	0.447796	1.19679	1.19679	0.00263271	0.380342	-2.62921	0.228231	0.745526	-1.34134	0.927572	0.97911	-1.02134	2.63678	2.25168	0.759067	1
cg26570830	0.593444	1.33373	1.33373	0.0309166	0.258139	-3.87389	0.054161	0.310999	-3.21544	0.398928	0.630314	-1.58651	2.63676	11.9276	4.02096	1
cg13179880	0.430111	0.867352	-1.15293	0.386809	1.16971	1.16971	0.367354	1.17777	1.17777	0.152446	1.31106	1.31106	2.63675	1.30389	0.439562	1
cg05064002	0.127515	0.750229	-1.33293	0.869823	1.02902	1.02902	0.326903	1.19304	1.19304	0.404898	1.16023	1.16023	2.63672	1.27	0.428142	1
cg25412448	0.0706877	6.24771	6.24771	0.0207307	12.5047	12.5047	0.0545318	7.23291	7.23291	0.0689701	6.33521	6.33521	2.63671	34.3641	11.5848	1
cg22789318	0.153159	0.442221	-2.26131	0.129557	0.417464	-2.39541	0.104271	2.57867	2.57867	0.861503	1.09762	1.09762	2.6367	11.8812	4.00542	1
cg13615983	0.456702	0.705407	-1.41762	0.328472	0.628534	-1.591	0.546406	0.75501	-1.32449	0.172681	0.512651	-1.95065	2.63669	8.85152	2.98405	1
cg25294646	0.578351	1.21173	1.21173	0.313861	1.42803	1.42803	0.0120199	0.342478	-2.9199	0.9211	1.03447	1.03447	2.63667	4.88602	1.6472	1
cg05379509	0.170776	1.57061	1.57061	0.00730086	2.91777	2.91777	0.0261124	2.26376	2.26376	0.0602847	1.92678	1.92678	2.63664	4.00079	1.34879	1
cg27166993	0.0909427	0.233609	-4.28066	0.380832	0.499515	-2.00194	0.780952	1.23925	1.23925	0.69553	0.738773	-1.3536	2.81036	25.7803	7.13481	1
cg18729896	0.193844	1.34452	1.34452	0.0754359	0.652977	-1.53145	0.729255	0.927907	-1.07769	0.898271	1.02793	1.02793	2.63661	1.93647	0.652848	1
cg00699986	0.125441	0.391008	-2.55749	0.584398	0.731425	-1.36719	0.247399	0.504195	-1.98336	0.185744	0.451816	-2.21329	2.6366	13.3882	4.51365	1
cg07557707	0.587373	0.870012	-1.14941	0.452193	0.823122	-1.21489	0.00636702	0.405563	-2.46571	0.607034	1.14093	1.14093	2.63658	2.69716	0.909312	1
cg23053525	0.118944	0.451581	-2.21444	0.6689	0.817016	-1.22397	0.0542146	0.358315	-2.79084	0.0763258	0.396009	-2.5252	2.63654	9.21481	3.1067	1
cg00136547	0.34731	0.686346	-1.45699	0.461606	0.747149	-1.33842	0.0390627	2.53176	2.53176	0.632047	0.828915	-1.2064	2.63651	6.31637	2.12954	1
cg26409978	0.499384	0.933025	-1.07178	0.198108	0.871517	-1.14742	0.0436576	1.26426	1.26426	0.0670443	1.23064	1.23064	2.63651	0.426821	0.143901	1
cg08402873	0.739005	0.946017	-1.05706	0.00423745	0.529736	-1.88773	0.380055	1.16119	1.16119	0.323163	1.18456	1.18456	2.63651	1.15023	0.387795	1
cg13418235	0.213189	0.308887	-3.23743	0.248201	0.33899	-2.94994	0.011744	16.7894	16.7894	0.834268	1.20654	1.20654	2.63648	33.5331	11.3057	1
cg09789474	0.137647	0.292443	-3.41947	0.0642887	0.202165	-4.94646	0.953158	1.04621	1.04621	0.0940763	0.242777	-4.11901	2.63643	24.693	8.3254	1
cg09802610	0.327573	0.685011	-1.45983	0.191027	0.595548	-1.67913	0.362995	0.704698	-1.41905	0.075892	0.477352	-2.09489	2.63638	5.85127	1.97283	1
cg20088756	0.111453	0.316583	-3.15873	0.05595	0.237771	-4.20573	0.215298	0.420935	-2.37566	0.498158	0.633672	-1.5781	2.63637	18.3768	6.19598	1
cg15623503	0.624149	0.884641	-1.1304	0.5312	0.854333	-1.1705	0.529625	0.853803	-1.17123	0.469541	0.833078	-1.20037	2.63637	2.57232	0.867294	1
cg11647421	0.55826	1.91706	1.91706	0.0154357	26.2278	26.2278	0.0616483	10.1131	10.1131	0.0616147	10.1169	10.1169	2.63634	50.4514	17.0106	1
cg27501451	?	?	?	0.656842	1.42218	1.42218	0.55942	1.59188	1.59188	0.745136	0.773441	-1.29292	2.70367	20.6618	8.73387	1
cg24379995	0.652099	1.07606	1.07606	0.0253625	1.53618	1.53618	0.577132	0.913034	-1.09525	0.567723	1.09778	1.09778	2.63631	1.08929	0.367277	1
cg16167809	0.224365	1.54629	1.54629	0.0597837	0.48415	-2.06548	0.721916	1.1298	1.1298	0.115297	0.557271	-1.79446	2.6363	4.86928	1.64179	1
cg20278503	0.274628	0.609702	-1.64015	0.0185462	0.288573	-3.46532	0.888992	0.941019	-1.06268	0.190604	0.547008	-1.82813	2.63629	7.91125	2.66747	1
cg08367318	0.318515	0.663657	-1.5068	0.166666	0.556335	-1.79748	0.540721	0.781711	-1.27925	0.0400996	0.389335	-2.56848	2.63629	6.60289	2.22633	1
cg09442556	0.158977	0.596984	-1.67509	0.305593	0.69523	-1.43837	0.450116	0.768202	-1.30174	0.778613	0.90794	-1.10139	2.63628	4.90271	1.65307	1
cg08461339	0.0584917	2.17218	2.17218	0.162571	1.71774	1.71774	0.0339649	2.45542	2.45542	0.601122	0.825787	-1.21097	2.63624	5.49836	1.85394	1
cg04822405	0.0784552	2.69449	2.69449	0.893847	0.934541	-1.07004	0.705333	0.82478	-1.21244	0.0908997	2.57133	2.57133	2.63619	10.7361	3.62007	1
cg23054121	0.0668481	0.186203	-5.37047	0.0388319	0.141277	-7.07831	0.0500633	0.160744	-6.22108	0.0507055	0.161788	-6.18092	2.63617	27.9459	9.42306	1
cg06124793	0.773083	0.895758	-1.11637	0.0180679	0.33506	-2.98454	0.300958	0.664914	-1.50395	0.0118407	0.302249	-3.30853	2.63613	6.05314	2.04109	1
cg05358715	0.788463	1.18845	1.18845	0.0728444	3.69273	3.69273	0.00730509	0.0989263	-10.1085	0.442054	1.65625	1.65625	2.80975	17.9426	4.96677	1
cg07694975	0.954891	1.0417	1.0417	0.399588	0.536444	-1.86413	0.0316895	6.16556	6.16556	0.0414132	5.46688	5.46688	2.63609	21.7765	7.34306	1
cg05035061	0.527284	0.868843	-1.15096	0.0253934	0.558089	-1.79183	0.19533	1.35072	1.35072	0.732839	0.927549	-1.07811	2.63604	2.01152	0.678298	1
cg04500745	0.281392	2.17614	2.17614	0.455095	1.69622	1.69622	0.292863	2.13376	2.13376	0.625339	1.40746	1.40746	2.63603	20.1383	6.7908	1
cg16803840	0.0179592	0.372379	-2.68544	0.945834	1.02362	1.02362	0.441683	0.763754	-1.30932	0.048866	0.461756	-2.16565	2.63602	4.92707	1.66145	1
cg03029060	0.66273	1.07495	1.07495	0.0405338	0.677351	-1.47634	0.749862	0.948684	-1.05409	0.355921	1.16928	1.16928	2.63602	1.13238	0.38185	1
cg08732950	0.0726894	0.27313	-3.66126	0.0144876	0.141919	-7.04626	0.0304846	0.192419	-5.197	0.167246	0.385105	-2.59669	2.636	17.5379	5.91397	1
cg00269033	0.70167	0.839324	-1.19143	0.563099	1.3048	1.3048	0.678075	0.826991	-1.2092	0.0877704	0.424193	-2.35742	2.63598	8.646	2.91555	1
cg16257494	0.146945	0.200947	-4.97645	0.589045	0.569912	-1.75466	0.484931	2.07849	2.07849	0.556015	1.84766	1.84766	2.63598	44.3701	14.9622	1
cg11877297	0.594474	1.1846	1.1846	0.0656703	0.521404	-1.9179	0.0681146	0.525159	-1.90419	0.955754	0.98266	-1.01765	2.63594	4.14944	1.39927	1
cg11689605	0.359038	1.15119	1.15119	0.00475721	1.75003	1.75003	0.182258	1.23533	1.23533	0.308117	1.17057	1.17057	2.63593	0.930424	0.313758	1
cg02652597	0.328929	0.617156	-1.62034	0.0563016	0.355131	-2.81586	0.0872435	0.404771	-2.47053	0.196052	0.519513	-1.92488	2.63593	9.57818	3.22996	1
cg12886634	0.0962466	3.54928	3.54928	0.11138	0.30038	-3.32912	0.732624	0.788331	-1.2685	0.844733	0.872853	-1.14567	2.66597	18.0531	6.77169	1
cg20840002	0.0544879	0.689345	-1.45065	0.05248	1.45643	1.45643	0.691078	0.934158	-1.07048	0.611052	0.916259	-1.09139	2.63585	1.2138	0.409329	1
cg06655771	0.183588	0.835035	-1.19755	0.0789985	0.779406	-1.28303	0.51886	1.08716	1.08716	0.0200832	1.43103	1.43103	2.63582	0.681637	0.229871	1
cg08569046	0.0136117	0.469752	-2.12878	0.20188	1.39592	1.39592	0.894147	1.0335	1.0335	0.0488528	0.573044	-1.74507	2.63582	2.5576	0.862511	1
cg20495370	0.0682012	0.376676	-2.6548	0.0663007	0.37352	-2.67724	0.0099317	0.210752	-4.74492	0.327541	0.616786	-1.62131	2.63582	9.54308	3.21826	1
cg10069121	0.0289781	2.27199	2.27199	0.123006	0.587052	-1.70343	0.548072	0.823863	-1.21379	0.0839726	1.83959	1.83959	2.63581	4.24198	1.43054	1
cg21765441	0.502104	0.895595	-1.11658	0.00740508	1.748	1.748	0.702503	0.939771	-1.06409	0.441985	0.880818	-1.13531	2.63581	1.09384	0.368881	1
cg18656686	0.00182919	0.394293	-2.53619	0.660347	1.0974	1.0974	0.886147	1.03057	1.03057	0.40712	0.836752	-1.1951	2.63579	1.84402	0.621874	1
cg25256067	0.322647	0.732044	-1.36604	0.0560843	0.516535	-1.93598	0.47698	0.8019	-1.24704	0.366067	1.32779	1.32779	2.63579	3.89121	1.31227	1
cg09250146	0.931954	0.977974	-1.02252	0.168657	0.682135	-1.46599	0.103945	0.628969	-1.5899	0.0573135	0.570759	-1.75205	2.63578	2.83931	0.957524	1
cg00341415	0.164151	0.48773	-2.05031	0.0368607	0.309558	-3.23042	0.0766475	0.385796	-2.59205	0.0753421	0.383799	-2.60553	2.63573	9.76498	3.2932	1
cg26768703	0.104548	0.791833	-1.26289	0.00441285	1.64861	1.64861	0.804396	0.967883	-1.03318	0.340179	1.13805	1.13805	2.63573	0.722414	0.243632	1
cg15293750	0.046231	0.733446	-1.36343	0.402499	1.12333	1.12333	0.7019	0.949135	-1.05359	0.0196359	1.46618	1.46618	2.63572	0.769191	0.259407	1
cg09965267	0.252207	0.80772	-1.23805	0.0185141	0.600539	-1.66517	0.9005	0.977916	-1.02258	0.415228	1.1603	1.1603	2.6357	1.33053	0.448721	1
cg22700686	0.0945729	0.293641	-3.40552	0.13675	0.343348	-2.9125	0.514573	0.643562	-1.55385	0.164099	0.37153	-2.69157	2.63568	18.5644	6.26089	1
cg00320027	0.253634	0.696317	-1.43613	0.268339	1.41912	1.41912	0.345143	1.3434	1.3434	0.770745	0.915109	-1.09277	2.63562	3.84765	1.29766	1
cg16486653	0.396818	1.59864	1.59864	0.00306385	0.111624	-8.95863	0.532556	1.40749	1.40749	0.98928	1.00729	1.00729	2.6356	12.2042	4.11601	1
cg22001513	0.145556	0.86046	-1.16217	0.159957	0.865548	-1.15534	0.44066	1.07856	1.07856	0.0116213	1.35441	1.35441	2.63559	0.386062	0.130204	1
cg09233791	0.0935891	0.252222	-3.96476	0.178976	0.344246	-2.9049	0.210671	0.373371	-2.6783	0.718519	1.31044	1.31044	2.63559	23.2893	7.85462	1
cg05729352	0.0493325	0.210458	-4.75155	0.0123454	0.114841	-8.70772	0.884999	1.10577	1.10577	0.214916	0.403773	-2.47664	2.63559	20.1443	6.79395	1
cg17482649	0.142663	3.47359	3.47359	0.0190015	9.43185	9.43185	0.0138172	11.0738	11.0738	0.028933	7.65377	7.65377	2.63557	26.0669	8.79148	1
cg12707548	0.114359	0.489819	-2.04157	0.0145388	0.286216	-3.49386	0.482564	1.34527	1.34527	0.602601	1.24397	1.24397	2.63557	7.20937	2.43148	1
cg21756355	0.697493	1.10381	1.10381	0.364423	1.26574	1.26574	0.379526	1.25602	1.25602	0.0657116	1.68575	1.68575	2.63557	2.66881	0.900102	1
cg14288424	0.0257564	1.52965	1.52965	0.328827	1.17558	1.17558	0.210262	0.809043	-1.23603	0.0214308	0.64173	-1.55829	2.63556	1.0753	0.362663	1
cg20810046	0.852855	1.06399	1.06399	0.774757	1.10059	1.10059	0.251068	0.669902	-1.49275	0.338204	0.719054	-1.39072	2.63556	4.6585	1.57116	1
cg27224478	0.42636	0.632346	-1.58141	0.0181251	0.198035	-5.04961	0.755678	0.838509	-1.19259	0.0580465	0.298522	-3.34983	2.63554	13.291	4.48266	1
cg07274998	0.728795	1.04823	1.04823	0.00780114	0.629911	-1.58753	0.450603	1.10962	1.10962	0.0903386	1.2873	1.2873	2.63553	0.764309	0.257779	1
cg00972222	0.95126	0.972379	-1.02841	0.0984951	2.29389	2.29389	0.350538	1.55316	1.55316	0.548149	0.756955	-1.32108	2.6355	8.76401	2.95588	1
cg18757172	0.0788869	0.413075	-2.42087	0.0556586	0.374355	-2.67126	0.121123	2.14163	2.14163	0.783573	0.882715	-1.13287	2.6355	8.56953	2.89028	1
cg03358345	0.011064	0.61056	-1.63784	0.253541	0.831405	-1.20278	0.927431	1.01421	1.01421	0.0729663	1.36299	1.36299	2.63546	1.00077	0.337538	1
cg12327342	0.0046561	0.14464	-6.9137	0.758318	0.859479	-1.1635	0.315248	0.599364	-1.66844	0.553708	1.3422	1.3422	2.80902	10.4749	2.90036	1
cg04307710	0.749028	1.11827	1.11827	0.941702	1.0258	1.0258	0.781864	0.907857	-1.10149	0.325114	0.701964	-1.42458	2.63545	5.06259	1.70752	1
cg11571761	0.815472	0.757596	-1.31997	0.464896	0.413444	-2.4187	0.00716683	61.7328	61.7328	0.0893453	9.24874	9.24874	2.63543	58.8586	19.852	1
cg25943276	0.127351	2.52169	2.52169	0.609544	1.33505	1.33505	0.0712958	3.09596	3.09596	0.214719	2.08074	2.08074	2.63542	13.1362	4.43065	1
cg15468129	0.995223	1.0013	1.0013	0.0034772	2.3714	2.3714	0.413804	0.833687	-1.19949	0.603078	0.892062	-1.121	2.63541	1.97867	0.667377	1
cg01886630	0.0386461	0.265744	-3.76302	0.248098	1.95052	1.95052	0.633769	1.30418	1.30418	0.938154	0.957971	-1.04387	2.63539	12.7787	4.31011	1
cg01386883	0.452985	1.13254	1.13254	0.319646	0.845843	-1.18225	0.745072	1.05455	1.05455	0.656765	0.929777	-1.07553	2.63539	1.10619	0.373106	1
cg26746037	0.0479702	0.0445072	-22.4683	0.0208969	0.0217892	-45.8943	0.128476	0.104164	-9.60024	0.0865082	0.0737911	-13.5518	2.63538	79.0901	26.6764	1
cg25126678	0.476465	0.864232	-1.1571	0.283289	0.798771	-1.25192	0.199868	0.761132	-1.31383	0.949751	0.987378	-1.01278	2.63534	1.6954	0.571851	1
cg02238362	0.0931082	0.425682	-2.34917	0.121379	0.460045	-2.1737	0.261034	0.581624	-1.71932	0.249524	0.573272	-1.74437	2.63533	8.9211	3.00906	1
cg09376129	0.733546	0.781419	-1.27972	0.0141889	0.112572	-8.88318	0.508478	1.62287	1.62287	0.656581	1.38131	1.38131	2.63533	21.7477	7.33542	1
cg19720377	0.269122	0.576368	-1.735	0.0100452	0.211056	-4.73807	0.0674617	0.374958	-2.66697	0.161993	0.489251	-2.04394	2.63532	9.56711	3.22697	1
cg00783712	0.90093	0.928726	-1.07674	0.350407	0.565159	-1.76941	0.630139	0.749714	-1.33384	0.234939	0.477536	-2.09408	2.63529	14.7122	4.96244	1
cg26833602	0.1424	1.67963	1.67963	0.439044	1.29634	1.29634	0.0366489	2.22216	2.22216	0.0149854	2.67396	2.67396	2.63529	4.51375	1.5225	1
cg00335735	0.987342	1.00671	1.00671	0.786506	0.891903	-1.1212	0.0624613	2.41948	2.41948	0.66047	0.830055	-1.20474	2.63527	7.41079	2.4997	1
cg04945395	0.879466	1.08237	1.08237	0.00597502	0.15342	-6.51806	0.543557	1.37811	1.37811	0.995874	0.997307	-1.0027	2.63525	11.356	3.83046	1
cg19037291	0.86446	0.913612	-1.09456	0.00798754	0.165641	-6.03714	0.974586	1.01699	1.01699	0.028875	0.255994	-3.90634	2.63524	11.6717	3.93698	1
cg26733301	0.317096	1.42417	1.42417	0.997627	0.998984	-1.00102	0.965322	0.985246	-1.01497	0.373474	1.36664	1.36664	2.63522	4.87848	1.64557	1
cg25643118	0.100215	1.86084	1.86084	0.0844975	0.517877	-1.93096	0.551133	0.812249	-1.23115	0.14995	1.70272	1.70272	2.63522	4.96264	1.67396	1
cg16381752	0.808111	0.939419	-1.06449	0.0631373	0.584602	-1.71057	0.95056	0.9842	-1.01605	0.593567	1.14838	1.14838	2.63521	2.75318	0.928681	1
cg02532648	0.294155	1.40932	1.40932	0.336353	1.36695	1.36695	0.552625	1.20856	1.20856	0.680317	1.13956	1.13956	2.6352	4.14991	1.39982	1
cg04022912	0.353412	0.612031	-1.6339	0.0100053	0.187854	-5.32327	0.144828	0.446989	-2.23719	0.132222	0.433703	-2.30572	2.6352	11.035	3.72226	1
cg10051869	0.951845	1.02204	1.02204	0.670726	0.856961	-1.16691	0.0103352	3.20946	3.20946	0.673293	1.16541	1.16541	2.63518	5.43748	1.83415	1
cg05579025	0.102167	1.32479	1.32479	0.0171862	1.57855	1.57855	0.582737	1.09116	1.09116	0.466418	1.12359	1.12359	2.63516	1.03173	0.348023	1
cg10353612	0.84396	0.961811	-1.03971	0.00344489	0.456171	-2.19216	0.515641	1.1391	1.1391	0.663515	1.09034	1.09034	2.63515	1.62931	0.549599	1
cg14318942	0.0258896	0.769369	-1.29977	0.980145	1.00247	1.00247	0.628012	1.04959	1.04959	0.570306	0.944725	-1.05851	2.63514	0.410086	0.13833	1
cg23486923	0.129203	0.565557	-1.76817	0.972391	1.0121	1.0121	0.199277	1.60238	1.60238	0.228621	0.644519	-1.55155	2.63514	5.04376	1.70137	1
cg16017130	0.0406548	0.625304	-1.59922	0.167853	1.33909	1.33909	0.993937	0.998492	-1.00151	0.270585	0.79623	-1.25592	2.63513	1.6469	0.555536	1
cg20635595	0.564141	1.13319	1.13319	0.136909	0.709204	-1.41003	0.354551	1.22661	1.22661	0.133918	1.41433	1.41433	2.63513	1.91943	0.647465	1
cg06394229	0.445964	0.821249	-1.21766	0.0275155	1.9363	1.9363	0.844809	0.951537	-1.05093	0.510526	0.844351	-1.18434	2.63511	2.68155	0.904554	1
cg22147449	0.175978	0.543661	-1.83938	0.00587002	0.217132	-4.6055	0.0375313	0.359815	-2.7792	0.793774	0.894969	-1.11736	2.6351	7.48736	2.52568	1
cg23363031	0.769724	1.06072	1.06072	0.0637625	1.51971	1.51971	0.928736	1.01813	1.01813	0.266713	0.792636	-1.26161	2.63509	1.68318	0.567782	1
cg27306382	0.403381	1.1859	1.1859	0.143345	0.73083	-1.36831	0.0172965	1.78269	1.78269	0.0629109	0.658886	-1.51771	2.63509	1.65928	0.55972	1
cg21810793	0.563076	1.15141	1.15141	0.0230007	1.92659	1.92659	0.097051	1.55145	1.55145	0.43396	0.824866	-1.21232	2.63509	2.42702	0.818701	1
cg05798911	0.514535	0.810855	-1.23327	0.0810515	1.84707	1.84707	0.474486	0.793957	-1.25951	0.829826	0.934002	-1.07066	2.63506	4.19948	1.41662	1
cg03461287	0.324352	0.720953	-1.38705	0.0112926	0.360595	-2.7732	0.178757	1.5828	1.5828	0.41969	0.767177	-1.30348	2.63501	4.31245	1.45475	1
cg08691323	0.394747	1.30282	1.30282	0.00673473	2.90445	2.90445	0.274951	0.708425	-1.41158	0.099218	1.73062	1.73062	2.635	3.8436	1.2966	1
cg10583180	0.38857	0.634076	-1.5771	0.121117	0.420392	-2.37873	0.169552	2.12639	2.12639	0.254795	0.541715	-1.84599	2.63499	11.0929	3.7421	1
cg00198436	0.215919	1.13207	1.13207	0.133234	0.857031	-1.16682	0.996296	1.00044	1.00044	0.0285057	1.27915	1.27915	2.63498	0.378618	0.127724	1
cg10210806	0.745899	0.707798	-1.41283	0.0101153	31.4601	31.4601	0.809388	0.77348	-1.29286	0.154042	5.06283	5.06283	2.63494	47.1452	15.9043	1
cg11629900	0.897859	1.0232	1.0232	0.0093337	1.80193	1.80193	0.174463	0.772615	-1.2943	0.720932	1.06615	1.06615	2.63494	1.33098	0.449003	1
cg03833400	0.737229	1.08274	1.08274	0.340408	1.26103	1.26103	0.174319	0.710977	-1.40652	0.112992	0.665511	-1.5026	2.63493	2.3254	0.784469	1
cg12169852	?	?	?	0.359628	1.36508	1.36508	0.901465	0.960062	-1.0416	0.338058	1.38604	1.38604	2.83725	4.23305	1.30546	1
cg14499797	0.0480686	1.51995	1.51995	0.749202	1.06123	1.06123	0.528383	0.888378	-1.12565	0.811507	0.956697	-1.04526	2.6349	1.43278	0.483351	1
cg08450982	0.400543	0.747827	-1.33721	0.026406	0.411068	-2.43269	0.208552	0.639102	-1.5647	0.0728711	1.96531	1.96531	2.6348	4.75859	1.60538	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26716839	UNC119B	0.0936012	0.561864	0.862761	-1.15907	0.244396	1.35867	1.35867	0.906905	1.02988	1.02988	0.155959	1.46528	1.46528	0.11894	0.65315	-1.53104	0.0155388	2.11051	2.11051	0.0909101	0.625794	-1.59797	0.299298	1.31095	1.31095	0.938596	0.980796	-1.01958	2.6348	2.64345	0.891805	1
cg21848084	PRDM16;PRDM16	0.0936018	0.0427551	0.232396	-4.303	0.0199451	0.172447	-5.79889	0.291185	0.503917	-1.98445	0.207668	0.435475	-2.29634	0.0448287	0.236713	-4.22453	0.198506	0.427309	-2.34023	0.465278	0.628151	-1.59197	0.0200727	0.172882	-5.78429	0.0841486	0.302513	-3.30564	2.6348	16.3374	5.51167	1
cg09357935	SLC6A5	0.0936032	0.490235	0.655532	-1.52548	0.708131	1.25435	1.25435	0.038225	4.25175	4.25175	0.850634	1.1203	1.1203	0.02912	4.70904	4.70904	0.0538747	0.267431	-3.73928	0.172068	0.416476	-2.4011	0.735618	1.22657	1.22657	0.790744	0.851929	-1.17381	2.63478	15.1523	5.11189	1
cg24594295	S100A10	0.0936061	0.672862	0.754695	-1.32504	0.0177245	6.76105	6.76105	0.44249	1.68027	1.68027	0.0311058	5.34842	5.34842	0.377513	0.54876	-1.82229	0.560773	1.47668	1.47668	0.0224046	6.12894	6.12894	0.754803	1.23075	1.23075	0.773329	1.21092	1.21092	2.63475	18.3268	6.18294	1
cg03675171	F10	0.0936068	0.19818	0.77606	-1.28856	0.270468	1.2385	1.2385	0.0703642	0.685874	-1.45799	0.466347	0.870933	-1.14819	0.404359	0.852945	-1.17241	0.262499	1.24333	1.24333	0.0176473	1.7128	1.7128	0.197387	0.775673	-1.2892	0.898529	1.02407	1.02407	2.63474	1.45018	0.489252	1
cg27066319	SUOX;SUOX;SUOX	0.0936091	0.625286	0.855905	-1.16835	0.440508	1.28232	1.28232	0.831298	1.06977	1.06977	0.105425	1.74931	1.74931	0.0165702	0.396448	-2.5224	0.89578	0.959415	-1.0423	0.116343	0.583068	-1.71507	0.133295	1.66856	1.66856	0.164238	0.625511	-1.59869	2.63471	4.1702	1.40693	1
cg19978728	CADM1;CADM1	0.0936093	0.41116	0.760815	-1.31438	0.563634	0.827042	-1.20913	0.00330046	0.271999	-3.67648	0.305162	0.707938	-1.41255	0.411745	1.31391	1.31391	0.425807	1.30282	1.30282	0.94774	0.978904	-1.02155	0.648982	1.16075	1.16075	0.161797	0.615107	-1.62573	2.63471	4.41522	1.48959	1
cg00615913	LOC388796;SNORA71D;LOC388796	0.0936102	0.0330459	0.602164	-1.66068	0.108032	0.699885	-1.42881	0.317743	0.810452	-1.23388	0.0738931	0.666711	-1.4999	0.0431534	0.62285	-1.60552	0.385143	0.834273	-1.19865	0.0203081	0.5659	-1.7671	0.0320047	0.599724	-1.66743	0.506866	0.871935	-1.14687	2.6347	1.72808	0.583016	1
cg17002328	CCDC88C	0.0936121	0.731259	1.12482	1.12482	0.506491	1.25855	1.25855	0.816718	0.923846	-1.08243	0.196539	0.627576	-1.59343	0.00443633	0.273804	-3.65225	0.252128	0.664874	-1.50404	0.430827	1.31566	1.31566	0.427067	1.31874	1.31874	0.181495	0.616347	-1.62246	2.63467	4.85732	1.63877	1
cg16513459	KCNAB3	0.0936129	0.613545	1.31287	1.31287	0.100143	0.381759	-2.61945	0.0174735	4.69463	4.69463	0.0747855	2.88892	2.88892	0.93229	1.04647	1.04647	0.6354	0.77467	-1.29087	0.8121	1.13576	1.13576	0.675018	1.25283	1.25283	0.0357863	3.69079	3.69079	2.63466	11.9234	4.02274	1
cg22962041	NME1-NME2;NME1;NME1	0.0936139	0.802983	1.09007	1.09007	0.136678	0.575151	-1.73867	0.771328	0.904352	-1.10576	0.301088	1.44721	1.44721	0.133442	0.572102	-1.74794	0.240357	0.654374	-1.52818	0.00603436	0.290113	-3.44693	0.348707	1.3949	1.3949	0.329207	0.706528	-1.41537	2.63465	4.96603	1.67546	1
cg09236176	HRNBP3	0.0936143	0.34543	0.7384	-1.35428	0.00925005	2.80363	2.80363	0.55049	1.20746	1.20746	0.40933	0.768468	-1.30129	0.446995	0.785138	-1.27366	0.916434	1.0333	1.0333	?	?	?	0.25161	1.45325	1.45325	0.0636729	1.91684	1.91684	2.66468	3.65397	1.37126	1
cg04922566	IL17RD	0.0936173	0.100211	0.498784	-2.00784	0.26416	0.637328	-1.56905	0.940688	0.97161	-1.02922	0.17554	0.572633	-1.74632	0.0202918	0.338575	-2.95355	0.48057	1.31985	1.31985	0.00965569	0.281514	-3.55222	0.434413	0.734408	-1.36164	0.250055	0.627995	-1.59237	2.63461	6.25052	2.10886	1
cg27078188	MICA	0.093618	0.187045	0.830245	-1.20446	0.733386	0.955537	-1.04653	0.222048	0.843056	-1.18616	0.427804	1.11371	1.11371	0.270258	0.858382	-1.16498	0.868908	0.978266	-1.02222	0.0170775	1.47222	1.47222	0.0441273	0.735178	-1.36022	0.244505	0.850476	-1.17581	2.6346	0.73839	0.249125	1
cg16916688	GRM4;GRM4	0.0936188	0.934612	0.955834	-1.04621	0.122462	2.51279	2.51279	0.031378	4.01437	4.01437	0.833297	1.12303	1.12303	0.0864309	0.352507	-2.83682	0.120672	0.395909	-2.52583	0.238217	1.97406	1.97406	0.820545	1.13324	1.13324	0.120417	0.395615	-2.52771	2.63459	12.645	4.26633	1
cg23625250	CALML5;CALML5	0.0936199	0.467282	0.773683	-1.29252	0.32089	1.4273	1.4273	0.0583837	0.476185	-2.10003	0.0062922	0.290949	-3.43703	0.727983	0.88592	-1.12877	0.775303	0.905489	-1.10438	0.212258	1.57742	1.57742	0.633062	1.18158	1.18158	0.927283	1.03217	1.03217	2.63458	5.02135	1.69417	1
cg24939380	COQ2	0.0936231	0.536979	1.16077	1.16077	0.0786681	1.5932	1.5932	0.0139367	2.06334	2.06334	0.86978	0.961629	-1.0399	0.195528	1.38606	1.38606	0.102379	0.652937	-1.53154	0.128544	1.47958	1.47958	0.613882	1.12899	1.12899	0.391107	0.810948	-1.23312	2.63454	2.37295	0.800628	1
cg14313238	RPP30;RPP30	0.0936235	0.17079	0.641138	-1.55973	0.857984	1.05611	1.05611	0.0260315	2.23684	2.23684	0.311607	0.726847	-1.3758	0.0216719	2.31674	2.31674	0.250699	0.693644	-1.44166	0.841772	0.940902	-1.06281	0.98289	1.00656	1.00656	0.298698	1.38859	1.38859	2.63454	3.87567	1.30765	1
cg02113751	HDLBP;HDLBP	0.0936288	0.974911	0.992229	-1.00783	0.413463	1.23046	1.23046	0.0619703	0.593729	-1.68427	0.587838	0.873074	-1.14538	0.224991	0.728971	-1.3718	0.758287	1.07957	1.07957	0.00407356	0.384286	-2.60223	0.903346	0.970315	-1.03059	0.629576	1.12812	1.12812	2.63447	2.56725	0.866206	1
cg23953254	AHRR	0.0936291	0.771429	0.944826	-1.0584	0.23505	0.784673	-1.27442	0.930172	0.983069	-1.01722	0.00893508	1.91173	1.91173	0.19663	0.766447	-1.30472	0.303119	1.23099	1.23099	0.651698	1.09257	1.09257	0.0795691	0.68446	-1.46101	0.544642	0.887397	-1.12689	2.63447	1.58388	0.534413	1
cg04307764	NTM	0.0936297	0.340377	0.841539	-1.1883	0.00428246	0.511249	-1.95599	0.17255	0.774989	-1.29034	0.562549	0.90231	-1.10827	0.523159	0.892598	-1.12032	0.250837	0.810038	-1.23451	0.277206	1.21949	1.21949	0.864886	1.03035	1.03035	0.0832831	0.714158	-1.40025	2.63446	1.28634	0.43402	1
cg20596273	PRKCH;PRKCH	0.0936299	?	?	?	0.109707	0.1252	-7.98722	0.54259	0.479768	-2.08434	0.0511706	0.0709207	-14.1003	0.306929	0.283554	-3.52667	0.0959546	0.113188	-8.83487	?	?	?	0.0520267	13.9282	13.9282	0.980198	1.03002	1.03002	2.70168	47.2551	19.9897	1
cg22826449	PUS1;PUS1;PUS1	0.0936348	0.542788	1.13853	1.13853	0.319116	1.24214	1.24214	0.0943842	0.678928	-1.47291	0.656526	1.09885	1.09885	0.104857	0.688488	-1.45246	0.760604	1.06647	1.06647	0.470737	1.1671	1.1671	0.0578139	1.57099	1.57099	0.0283488	0.579807	-1.72471	2.6344	1.85047	0.624377	1
cg24738140	DNAH17	0.0936352	0.310889	1.22304	1.22304	0.070774	1.47361	1.47361	0.0439276	1.55994	1.55994	0.586828	1.11112	1.11112	0.00986377	1.87057	1.87057	0.163588	1.33043	1.33043	0.088589	1.43441	1.43441	0.115479	1.38902	1.38902	0.571101	0.895903	-1.11619	2.6344	1.53861	0.519151	1
cg01751341	ZDHHC7;ZDHHC7;ZDHHC7;ZDHHC7	0.0936352	0.957439	0.992513	-1.00754	0.553892	1.08797	1.08797	0.757984	0.957414	-1.04448	0.0935782	1.29651	1.29651	0.0139027	0.651876	-1.53403	0.382766	0.881585	-1.13432	0.109209	0.78197	-1.27882	0.061754	0.743605	-1.3448	0.651925	1.06603	1.06603	2.6344	0.82724	0.279124	1
cg10787145	RAB4B	0.0936371	0.497756	1.39303	1.39303	0.899575	1.06268	1.06268	0.602482	1.28794	1.28794	0.886276	1.07134	1.07134	0.891932	1.06765	1.06765	0.391085	1.52679	1.52679	0.00307041	0.14199	-7.04274	0.167659	0.49253	-2.03033	0.41152	0.667399	-1.49835	2.63437	9.67527	3.26462	1
cg01811272	TTC7A	0.0936371	0.240204	0.763053	-1.31052	0.947343	0.98558	-1.01463	0.0164507	0.524859	-1.90527	0.495379	0.858781	-1.16444	0.724435	0.925113	-1.08095	0.276212	1.28284	1.28284	0.028091	1.76902	1.76902	0.335686	1.24398	1.24398	0.524754	0.867845	-1.15228	2.63437	2.01776	0.680831	1
cg04948941	HIF1A;HIF1A	0.0936377	0.33727	1.17546	1.17546	0.0160405	1.61872	1.61872	0.416432	1.14536	1.14536	0.738348	1.05631	1.05631	0.213755	0.807407	-1.23853	0.554438	1.10264	1.10264	0.0283855	0.655209	-1.52623	0.983274	0.99658	-1.00343	0.368651	0.859944	-1.16287	2.63437	1.11412	0.375927	1
cg16205389	ILKAP	0.0936378	0.569553	0.756857	-1.32125	0.173173	0.495347	-2.01879	0.640618	1.25594	1.25594	0.484958	1.41051	1.41051	0.00399361	0.153297	-6.52328	0.512178	0.724551	-1.38017	0.270251	0.573272	-1.74437	0.249715	1.79149	1.79149	0.357453	0.632107	-1.58201	2.63437	9.80134	3.30717	1
cg19074493	SMYD1	0.0936392	0.915744	1.03271	1.03271	0.469779	1.25069	1.25069	0.00456523	0.316991	-3.15466	0.710866	0.892917	-1.11993	0.178261	0.647214	-1.54508	0.632457	1.15786	1.15786	0.853384	0.945281	-1.05789	0.193771	0.658199	-1.5193	0.0633998	0.529938	-1.88701	2.63435	3.86049	1.30261	1
cg25736198	TPH2	0.0936415	0.0222366	0.59357	-1.68472	0.331774	1.20995	1.20995	0.451495	0.864151	-1.1572	0.478059	0.871725	-1.14715	0.785215	1.05337	1.05337	0.351151	1.20038	1.20038	0.0232213	1.676	1.676	0.890738	0.974179	-1.02651	0.15695	1.33392	1.33392	2.63432	1.51141	0.509989	1
cg02584624	ZBTB16;ZBTB16	0.0936448	0.0265261	1.98869	1.98869	0.0256785	1.9993	1.9993	0.278924	1.34219	1.34219	0.0153012	2.17796	2.17796	0.989082	0.996429	-1.00358	0.236144	1.38338	1.38338	0.564039	1.16469	1.16469	0.195048	1.4309	1.4309	0.605361	0.872612	-1.14598	2.63428	2.85132	0.962125	1
cg00715682	PAF1;PAF1;MED29	0.0936478	0.206314	1.44209	1.44209	0.0434499	1.89227	1.89227	0.0991221	1.64299	1.64299	0.129819	1.56741	1.56741	0.110471	1.61234	1.61234	0.0463529	1.87152	1.87152	0.127014	1.57344	1.57344	0.0178425	2.2053	2.2053	0.0378703	1.93718	1.93718	2.63425	3.14683	1.06185	1
cg09950681	PKP3	0.0936503	0.136291	1.27332	1.27332	0.702095	0.94379	-1.05956	0.179487	0.806841	-1.2394	0.829874	1.03292	1.03292	0.331599	1.16275	1.16275	0.226717	1.21053	1.21053	0.0784988	1.34204	1.34204	0.0208023	1.52023	1.52023	0.0347564	1.44842	1.44842	2.63422	0.945394	0.319013	1
cg08506874	SHC2	0.0936551	0.367245	1.25384	1.25384	0.364707	0.796539	-1.25543	0.0452024	1.75272	1.75272	0.456276	1.20359	1.20359	0.0891814	0.632681	-1.58058	0.181874	0.707451	-1.41353	0.20047	0.718732	-1.39134	0.24153	0.741257	-1.34906	0.0839768	1.5952	1.5952	2.63416	2.48849	0.839733	1
cg15651152	TRAPPC9;TRAPPC9	0.0936558	0.602626	0.885929	-1.12876	0.279941	0.77183	-1.29562	0.901301	0.971796	-1.02902	0.406373	0.822126	-1.21636	0.0541808	0.604185	-1.65512	0.398272	0.819203	-1.2207	0.0164784	1.96534	1.96534	0.464829	1.18712	1.18712	0.106329	1.50178	1.50178	2.63415	2.21819	0.748525	1
cg09119005	ZFP62	0.0936559	0.577805	1.28154	1.28154	0.680895	1.20013	1.20013	0.652754	1.22118	1.22118	0.758615	0.872854	-1.14567	0.00581102	0.203155	-4.92234	0.25233	1.69476	1.69476	0.26467	1.67012	1.67012	0.130349	2.05608	2.05608	0.306841	1.59476	1.59476	2.63415	8.12021	2.74015	1
cg26369382	TFR2	0.0936571	0.290136	1.58	1.58	0.0125186	3.64827	3.64827	0.242227	1.66521	1.66521	0.0620048	2.40014	2.40014	0.279524	1.59745	1.59745	0.0611734	2.40855	2.40855	0.0159091	3.42191	3.42191	0.607124	1.24122	1.24122	0.146264	1.91515	1.91515	2.63413	7.2421	2.44385	1
cg19404781	RAB3GAP2;AURKAPS1	0.0936573	0.443642	0.73094	-1.3681	0.0317441	0.364115	-2.74639	0.56172	0.790211	-1.26548	0.743309	1.14096	1.14096	0.0158373	0.305425	-3.27412	0.668877	1.18846	1.18846	0.583722	1.24866	1.24866	0.947789	0.974062	-1.02663	0.0241866	0.340088	-2.94041	2.63413	6.71848	2.26715	1
cg21489622	HIVEP2	0.0936575	0.254027	0.597819	-1.67275	0.084172	2.28249	2.28249	0.0928138	2.22281	2.22281	0.179842	0.540495	-1.85016	0.277338	1.62902	1.62902	0.0458477	0.372085	-2.68756	0.399757	0.689131	-1.4511	0.596266	1.25978	1.25978	0.178163	1.85511	1.85511	2.63413	7.78304	2.62639	1
cg23544472	NTM	0.0936607	0.462467	1.21546	1.21546	0.0660222	0.583925	-1.71255	0.927777	0.976627	-1.02393	0.868523	0.957703	-1.04417	0.893245	0.96558	-1.03565	0.634446	1.1331	1.1331	0.00871662	2.39137	2.39137	0.124441	1.54334	1.54334	0.259062	0.735532	-1.35956	2.63409	2.83893	0.958014	1
cg15420520	C20orf43	0.0936608	0.707685	1.07894	1.07894	0.00948975	1.94047	1.94047	0.663662	1.09227	1.09227	0.438713	1.17272	1.17272	0.383305	1.19762	1.19762	0.0378536	0.615253	-1.62535	0.200554	0.761305	-1.31353	0.821985	0.955561	-1.04651	0.902749	1.02496	1.02496	2.63409	1.69751	0.572835	1
cg05255941	GPX5;GPX5	0.0936612	0.990535	1.00345	1.00345	0.582904	0.851318	-1.17465	0.00300877	0.307068	-3.25661	0.503849	0.821285	-1.2176	0.353999	1.31887	1.31887	0.807247	1.07352	1.07352	0.870031	1.04868	1.04868	0.184948	1.50391	1.50391	0.824932	1.06641	1.06641	2.63409	3.51442	1.18596	1
cg10992219	RB1CC1;RB1CC1	0.0936612	0.536495	1.32274	1.32274	0.533588	0.754452	-1.32546	0.207258	0.549888	-1.81855	0.401529	0.680914	-1.46862	0.0737071	0.404762	-2.47059	0.218391	0.558818	-1.78949	0.00559694	0.183397	-5.45264	0.776936	1.13512	1.13512	0.06142	0.383806	-2.60548	2.80746	8.65897	2.39888	1
cg08622198	CHRM3	0.0936648	0.0160727	0.267829	-3.73372	0.284612	0.608336	-1.64383	0.0731635	0.40919	-2.44385	0.169045	0.519331	-1.92556	0.528442	0.75157	-1.33055	0.687656	0.834665	-1.19809	0.0347112	0.332584	-3.00676	0.408777	1.45907	1.45907	0.0448899	0.357227	-2.79934	2.63404	8.34177	2.81503	1
cg12338097	ZNF521	0.0936651	0.142349	0.811382	-1.23247	0.0497011	0.743262	-1.34542	0.116413	1.2537	1.2537	0.0977124	0.785999	-1.27227	0.239531	0.849397	-1.17731	0.305389	0.868789	-1.15103	0.0508914	0.744711	-1.3428	0.397533	1.12166	1.12166	0.456529	1.10572	1.10572	2.63404	0.732733	0.24727	1
cg06702534	INTS8;INTS8	0.0936659	0.888686	0.958445	-1.04336	0.770268	0.91508	-1.0928	0.213399	1.48749	1.48749	0.022046	0.4351	-2.29832	0.129578	0.608781	-1.64263	0.0319922	0.466968	-2.14148	0.637239	0.865928	-1.15483	0.228565	0.681828	-1.46664	0.175159	1.54803	1.54803	2.63403	3.83157	1.29301	1
cg11747897	CELSR1	0.093667	0.834471	0.944968	-1.05824	0.116073	1.58724	1.58724	0.09951	1.62967	1.62967	0.314881	1.32462	1.32462	0.442386	1.23599	1.23599	0.0964794	1.63829	1.63829	0.790069	1.07485	1.07485	0.211657	0.700523	-1.4275	0.0219877	0.475575	-2.10272	2.63402	3.05253	1.03012	1
cg14185025	EML1;EML1	0.093667	0.510387	0.696423	-1.43591	0.301521	0.552034	-1.81148	?	?	?	0.160115	2.37113	2.37113	0.150323	2.43623	2.43623	0.0162709	7.38827	7.38827	?	?	?	?	?	?	0.453814	1.51506	1.51506	4.18314	10.9392	1.74338	1
cg08629884	TMEM129;TMEM129	0.0936675	0.642654	1.39069	1.39069	0.0178286	7.63586	7.63586	0.0277267	6.27492	6.27492	0.6063	1.44329	1.44329	0.0827611	0.257674	-3.88087	0.583013	0.676158	-1.47894	0.491046	0.610364	-1.63837	0.805077	1.19067	1.19067	0.528548	0.637205	-1.56935	2.63401	20.7824	7.01335	1
cg03447165	ATF6	0.0936695	0.821866	1.03531	1.03531	0.140945	1.27595	1.27595	0.764162	1.04739	1.04739	0.0358026	0.68668	-1.45628	0.892753	0.979456	-1.02098	0.0298675	0.674846	-1.48182	0.378423	1.1492	1.1492	0.642866	1.0745	1.0745	0.0775506	1.35245	1.35245	2.63399	0.987921	0.333393	1
cg04375087	SSX9	0.093671	0.869901	0.952788	-1.04955	0.856827	0.948111	-1.05473	0.378076	0.7658	-1.30582	0.0177225	0.427034	-2.34173	0.0124953	0.399767	-2.50146	0.397112	1.29153	1.29153	0.277389	0.716558	-1.39556	0.0584496	0.53215	-1.87917	0.752609	0.910924	-1.09779	2.63397	3.63146	1.22551	1
cg26925717	SLC39A2	0.0936722	0.0777609	0.617827	-1.61858	0.0238016	1.94004	1.94004	0.447228	1.20961	1.20961	0.0759641	1.62439	1.62439	0.0619337	0.596671	-1.67597	0.869121	1.04134	1.04134	0.903447	0.970628	-1.03026	0.966422	1.01039	1.01039	0.828538	0.948113	-1.05473	2.63395	2.51743	0.849564	1
cg14301425	TBXA2R;TBXA2R	0.0936724	0.822506	1.04432	1.04432	0.0119481	1.83202	1.83202	0.236971	1.27018	1.27018	0.556132	1.12177	1.12177	0.0926479	1.42929	1.42929	0.284182	1.23955	1.23955	0.0110284	1.85047	1.85047	0.951414	0.988307	-1.01183	0.126312	1.3761	1.3761	2.63395	1.55425	0.52452	1
cg09257178	CBWD2;LOC440839	0.093675	0.159	0.656508	-1.52321	0.405023	0.788068	-1.26893	0.440741	0.802692	-1.24581	0.0221656	2.1526	2.1526	0.024091	0.471408	-2.12131	0.493467	1.2146	1.2146	0.314262	0.747569	-1.33767	0.564119	0.849595	-1.17703	0.530487	1.19439	1.19439	2.63392	3.26005	1.10019	1
cg00886909	CFI	0.0936765	0.0563796	0.455124	-2.1972	0.326683	1.44621	1.44621	0.324496	0.690234	-1.44878	0.0681905	0.475171	-2.10451	0.0167164	0.344964	-2.89885	0.222672	1.59506	1.59506	0.158063	0.577018	-1.73305	0.76803	0.897836	-1.11379	0.821922	0.921146	-1.0856	2.6339	5.53789	1.86893	1
cg27071234	LOC145845	0.0936774	0.0420518	0.685777	-1.4582	0.105711	1.32918	1.32918	0.266873	1.20474	1.20474	0.543615	1.10405	1.10405	0.106832	0.753152	-1.32775	0.048388	0.695469	-1.43788	0.367027	1.16092	1.16092	0.835685	1.03401	1.03401	0.42331	1.14075	1.14075	2.63389	1.08158	0.365013	1
cg13680054	PITPNB;LOC284900;PITPNB;LOC284900	0.0936775	0.72815	0.903452	-1.10687	0.871321	1.0483	1.0483	0.34839	1.32433	1.32433	0.00706781	0.363165	-2.75357	0.586935	0.852474	-1.17306	0.843302	0.944041	-1.05928	0.0706613	1.79994	1.79994	0.527122	1.20496	1.20496	0.179258	1.51453	1.51453	2.63389	3.53168	1.19188	1
cg25020820	TTBK1	0.093678	0.20696	0.7406	-1.35026	0.501255	0.857259	-1.16651	0.022362	1.85437	1.85437	0.143147	1.42623	1.42623	0.497137	0.855948	-1.1683	0.059644	1.6154	1.6154	0.512786	0.860905	-1.16157	0.0767933	1.55903	1.55903	0.651547	1.10802	1.10802	2.63389	2.12371	0.716713	1
cg20132775	TRPC1	0.0936793	0.67529	0.828332	-1.20725	0.919164	0.955633	-1.04643	0.135763	2.05178	2.05178	0.28349	1.64567	1.64567	0.118171	0.468406	-2.1349	0.226191	0.566592	-1.76494	0.0186077	0.279307	-3.58029	0.0425891	0.352142	-2.83976	0.598418	0.78852	-1.2682	2.63387	8.33684	2.81355	1
cg05833318	SPAG1;SPAG1	0.0936806	0.507223	0.902164	-1.10845	0.252965	1.20047	1.20047	0.0994292	1.31832	1.31832	0.105712	0.763051	-1.31053	0.114348	0.768889	-1.30058	0.302397	0.849179	-1.17761	0.966476	1.00645	1.00645	0.243759	1.20518	1.20518	0.0317987	1.46973	1.46973	2.63385	0.976809	0.32966	1
cg05303297	MEG8	0.093682	0.995141	0.999015	-1.00099	0.175284	0.79187	-1.26283	0.100165	0.747052	-1.3386	0.544719	1.10434	1.10434	0.756072	1.05174	1.05174	0.261535	1.20871	1.20871	0.00616658	1.78313	1.78313	0.574074	1.0963	1.0963	0.689358	0.93702	-1.06721	2.63384	1.09332	0.368981	1
cg26989291	SLC25A39;SLC25A39	0.0936834	0.786451	0.914272	-1.09377	0.148092	1.66876	1.66876	0.281047	1.44743	1.44743	0.00939745	0.337299	-2.96473	0.965706	1.01429	1.01429	0.876516	1.05266	1.05266	0.263981	1.46858	1.46858	0.0954864	0.546365	-1.83028	0.323108	0.71402	-1.40052	2.63382	4.54393	1.53353	1
cg24706522	RAPGEF5	0.0936891	0.140722	1.7091	1.7091	0.00409388	3.68014	3.68014	0.0859058	1.90019	1.90019	0.349036	1.38553	1.38553	0.90512	0.960469	-1.04116	0.362226	1.37269	1.37269	0.0604722	2.04632	2.04632	0.156257	1.67031	1.67031	0.342724	1.39186	1.39186	2.63375	4.77234	1.61066	1
cg09697578	FOXK2	0.093691	0.746253	1.1532	1.1532	0.228383	0.574062	-1.74197	0.212856	0.562154	-1.77887	0.371153	1.49652	1.49652	0.0468599	0.368282	-2.71531	0.745833	1.15348	1.15348	0.922887	1.04342	1.04342	0.0113524	4.02093	4.02093	0.504839	1.34594	1.34594	2.63373	8.0394	2.71331	1
cg16228589	NCKIPSD;NCKIPSD	0.0936938	0.822849	1.04171	1.04171	0.923099	1.01775	1.01775	0.448044	1.15132	1.15132	0.574472	1.10892	1.10892	0.00142229	2.31911	2.31911	0.32351	1.20421	1.20421	0.980899	0.995647	-1.00437	0.75694	1.05821	1.05821	0.64338	1.08868	1.08868	2.6337	1.38521	0.467517	1
cg27336481	ADARB2	0.0936949	0.811737	1.04181	1.04181	0.15845	1.29535	1.29535	0.377005	1.16837	1.16837	0.820767	1.03972	1.03972	0.887393	1.02462	1.02462	0.23201	1.24006	1.24006	0.0018432	2.13638	2.13638	0.958264	1.00902	1.00902	0.350006	1.17954	1.17954	2.63368	1.229	0.414797	1
cg03290602	MIR889	0.0936953	0.589102	0.818778	-1.22133	0.121096	0.539936	-1.85207	0.0484943	0.437601	-2.28519	0.357992	1.41422	1.41422	0.0239646	0.37249	-2.68464	0.589372	0.818899	-1.22115	0.0312239	0.395806	-2.52649	0.0577914	0.455432	-2.19572	0.737637	0.884027	-1.13119	2.63368	5.60739	1.89254	1
cg12905865	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.0936969	0.549601	1.1838	1.1838	0.0563404	1.82618	1.82618	0.154652	1.52891	1.52891	0.347162	1.30968	1.30968	0.790331	1.07709	1.07709	0.431157	1.25097	1.25097	0.0115425	0.41464	-2.41173	0.28099	0.731771	-1.36655	0.926852	0.974734	-1.02592	2.63366	3.23965	1.09342	1
cg09419486	ANXA2;ANXA2;ANXA2;ANXA2	0.0936974	0.142049	11.8785	11.8785	0.0451993	36.6845	36.6845	0.174177	9.64435	9.64435	0.863694	1.30916	1.30916	0.608879	0.445264	-2.24586	0.0956267	17.6349	17.6349	0.00713109	232.373	232.373	0.870829	0.774814	-1.29063	0.921831	0.857375	-1.16635	2.63365	102.524	34.6029	1
cg15489196	PXDN	0.0937007	0.0243534	0.304559	-3.28344	0.0368501	0.341544	-2.92788	0.190891	0.541384	-1.84712	0.320257	0.634422	-1.57624	0.0423342	0.354846	-2.81812	0.107696	0.459421	-2.17665	0.0236977	0.302254	-3.30847	0.857993	0.923712	-1.08259	0.146633	0.501437	-1.99427	2.63361	8.18813	2.76363	1
cg24166966	FBXL2	0.0937013	0.418684	0.799042	-1.2515	0.386662	1.27241	1.27241	0.0203138	2.13717	2.13717	0.0279022	2.02453	2.02453	0.232882	1.40439	1.40439	0.643192	0.881046	-1.13501	0.989355	0.996385	-1.00363	0.974478	1.00872	1.00872	0.0299127	2.00078	2.00078	2.63361	3.07421	1.0376	1
cg01391484	CNN1	0.0937027	0.0166607	0.221466	-4.51536	0.145912	0.447055	-2.23686	0.133337	0.433858	-2.3049	0.709666	0.824598	-1.21271	0.0509441	0.317709	-3.14753	0.0445245	0.304299	-3.28625	0.0351409	0.282066	-3.54526	0.153174	0.454378	-2.20081	0.0925315	0.384938	-2.59782	2.63359	11.0924	3.74391	1
cg17365521	MED16	0.0937031	0.146379	0.696263	-1.43624	0.488948	1.17731	1.17731	0.0409684	0.578264	-1.72932	0.0138403	2.02652	2.02652	0.636734	0.895417	-1.1168	0.873731	0.963743	-1.03762	0.215807	1.35323	1.35323	0.642659	1.1146	1.1146	0.699861	0.913977	-1.09412	2.63358	2.24901	0.759088	1
cg26099018	TRIM60	0.0937051	0.0602333	0.30146	-3.31719	0.0333679	0.24493	-4.08279	0.0338501	0.246172	-4.0622	0.954353	1.03292	1.03292	0.0184314	0.198374	-5.04099	0.0966187	0.356291	-2.80669	0.417952	0.626064	-1.59728	0.532182	0.69908	-1.43045	0.114323	0.378414	-2.64261	2.63356	13.3517	4.50651	1
cg02451888	NPHP4	0.0937053	0.425966	0.823185	-1.21479	0.0656369	0.609887	-1.63965	0.0490014	0.583941	-1.7125	0.337002	0.78905	-1.26735	0.121082	0.668753	-1.49532	0.00473017	0.407315	-2.4551	0.858906	1.04351	1.04351	0.711969	0.915064	-1.09282	0.315516	0.780048	-1.28197	2.63356	2.38944	0.806494	1
cg07060204	MYT1L	0.0937074	0.38299	1.26708	1.26708	0.122188	1.55777	1.55777	0.494373	1.20156	1.20156	0.619893	1.14145	1.14145	0.00529516	0.378117	-2.64468	0.316878	1.31493	1.31493	0.480685	1.20886	1.20886	0.439317	0.811636	-1.23208	0.866549	0.956473	-1.04551	2.63353	2.92021	0.985651	1
cg05785353	SPTLC1;SPTLC1	0.0937106	0.0361576	0.609369	-1.64104	0.0236281	1.73218	1.73218	0.464964	0.859687	-1.16321	0.621682	0.903821	-1.10641	0.626185	0.905019	-1.10495	0.463972	1.16362	1.16362	0.0888078	0.682764	-1.46463	0.884798	0.970956	-1.02991	0.207133	1.31057	1.31057	2.6335	1.72387	0.581863	1
cg02797036	DBNL;DBNL;DBNL	0.0937123	0.0319126	0.766391	-1.30482	0.132515	1.18741	1.18741	0.485095	1.07796	1.07796	0.0867708	1.22162	1.22162	0.760918	1.03282	1.03282	0.10381	1.20711	1.20711	0.138201	1.18402	1.18402	0.118806	1.19622	1.19622	0.141422	1.18216	1.18216	2.63347	0.46707	0.157652	1
cg24103293	PGM1	0.0937168	0.509114	1.34116	1.34116	0.613974	1.24972	1.24972	0.239119	0.582561	-1.71656	0.556237	0.770398	-1.29803	0.644023	1.22622	1.22622	0.0153506	0.27142	-3.68432	0.544428	1.3085	1.3085	0.799821	0.894611	-1.1178	0.0117303	0.251606	-3.97447	2.63342	8.01167	2.70427	1
cg26663754	BET1	0.0937168	0.0816051	0.644353	-1.55194	0.155446	1.41361	1.41361	0.65227	0.901863	-1.10882	0.143952	0.69943	-1.42974	0.176548	0.720971	-1.38702	0.2974	0.781925	-1.27889	0.454735	0.840808	-1.18933	0.277475	1.29329	1.29329	0.0303805	1.78518	1.78518	2.63342	2.16273	0.730013	1
cg24744459	ZIC3	0.093718	0.0232527	0.333553	-2.99802	0.264492	1.60125	1.60125	0.140579	1.89967	1.89967	0.134176	1.9229	1.9229	0.793305	0.899158	-1.11215	0.994032	1.00303	1.00303	0.486072	1.33176	1.33176	0.0265682	2.89822	2.89822	0.950343	1.02553	1.02553	2.63341	6.83405	2.30679	1
cg22367886	TRMT1;TRMT1;TRMT1	0.0937187	0.85855	0.951153	-1.05136	0.0253396	0.474115	-2.10919	0.756804	0.916488	-1.09112	0.345968	1.31321	1.31321	0.0748306	0.572901	-1.7455	0.48405	0.819017	-1.22098	0.0273007	0.480371	-2.08173	0.149149	1.54384	1.54384	0.365983	0.770477	-1.2979	2.6334	3.28699	1.1095	1
cg17839359	VCAN;VCAN;VCAN;VCAN	0.0937198	0.936589	1.01327	1.01327	0.582346	0.912068	-1.09641	0.60322	0.916773	-1.09078	0.413246	0.870566	-1.14868	0.546575	1.10639	1.10639	0.900605	0.979507	-1.02092	0.506616	1.11813	1.11813	0.019519	1.5964	1.5964	0.00781827	1.76074	1.76074	2.63339	1.14524	0.386572	1
cg12632549	LY6G5C	0.0937199	0.298053	0.813041	-1.22995	0.373516	1.19158	1.19158	0.0878248	0.696635	-1.43547	0.236281	1.26885	1.26885	0.00975883	0.53416	-1.8721	0.793655	0.950947	-1.05158	0.816161	1.0457	1.0457	0.0629031	0.66933	-1.49403	0.848411	0.963949	-1.0374	2.63338	1.53543	0.51828	1
cg23843414	RERE;RERE;RERE	0.093721	0.984984	0.994577	-1.00545	0.352059	0.758294	-1.31875	0.875033	0.955548	-1.04652	0.0129076	0.409928	-2.43945	0.023242	0.4567	-2.18962	0.0197401	0.443316	-2.25573	0.177346	0.660856	-1.51319	0.600243	0.858325	-1.16506	0.577345	0.84989	-1.17662	2.63337	3.48131	1.17511	1
cg21733154	DOK7;DOK7	0.0937212	0.734521	0.768153	-1.30182	0.00763856	14.2615	14.2615	0.842229	0.856902	-1.16699	0.84285	0.857432	-1.16627	0.874887	0.885056	-1.12987	0.0284643	7.41602	7.41602	0.271546	0.4119	-2.42777	0.999835	1.00016	1.00016	0.230437	2.65103	2.65103	2.63337	25.0448	8.45383	1
cg00208734	SOHLH2	0.0937214	0.202669	0.737645	-1.35567	0.0144187	1.97832	1.97832	0.51342	0.860754	-1.16177	0.415922	1.20698	1.20698	0.58918	1.13128	1.13128	0.377735	1.22724	1.22724	0.0136091	1.99498	1.99498	0.911326	1.02552	1.02552	0.639741	1.11255	1.11255	2.63337	2.13484	0.720612	1
cg27654189	UXS1	0.0937224	0.0580235	0.71948	-1.38989	0.00840836	1.67732	1.67732	0.771382	0.956219	-1.04579	0.60238	1.08412	1.08412	0.860877	0.973405	-1.02732	0.289747	0.844644	-1.18393	0.19247	0.808996	-1.2361	0.361081	0.865661	-1.15519	0.935867	0.987711	-1.01244	2.63335	0.984686	0.332381	1
cg05763306	SFRS8	0.0937252	0.0587421	2.79021	2.79021	0.0473295	0.336016	-2.97605	0.101718	0.422708	-2.3657	0.827539	0.900448	-1.11056	0.16997	0.495341	-2.01881	0.317165	0.608361	-1.64376	0.0637075	0.367195	-2.72335	0.280072	1.71544	1.71544	0.511389	0.726064	-1.37729	2.63332	9.63391	3.25197	1
cg02713851	OSBP	0.0937262	0.20806	0.724679	-1.37992	0.0272159	1.88533	1.88533	0.382025	0.80452	-1.24298	0.841056	1.04992	1.04992	0.4273	1.2173	1.2173	0.0660743	0.606397	-1.64908	?	?	?	0.0874603	1.58047	1.58047	0.591635	1.14041	1.14041	2.6633	2.2069	0.828634	1
cg00578637	SMYD1	0.0937265	0.0354599	0.583057	-1.7151	0.36347	1.22847	1.22847	0.39747	0.826227	-1.21032	0.0672527	0.636459	-1.57119	0.484666	0.855167	-1.16936	0.982811	0.995265	-1.00476	0.0210868	1.84256	1.84256	0.446106	0.842728	-1.18662	0.867961	0.964005	-1.03734	2.6333	2.02444	0.683363	1
cg10524687	COBL	0.0937287	0.620754	1.33473	1.33473	0.00258069	0.0890708	-11.227	0.165655	0.424887	-2.35357	0.666213	1.2856	1.2856	0.782626	0.852052	-1.17364	0.64908	0.767045	-1.30371	0.688346	0.791824	-1.26291	0.702831	0.800997	-1.24844	0.351425	1.74224	1.74224	2.63328	13.9768	4.718	1
cg14014799	COMMD3	0.0937296	0.0486215	0.13789	-7.25218	0.341986	0.422635	-2.36611	0.442198	0.50194	-1.99227	0.298724	0.387728	-2.57913	0.0326033	0.110819	-9.02369	0.0831842	0.185038	-5.40429	0.0108667	0.0600204	-16.661	0.0833585	0.185252	-5.39806	0.0885386	0.191515	-5.22152	2.63327	32.2694	10.8929	1
cg27312979	SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1	0.0937296	0.353696	0.460462	-2.17173	0.0175596	10.471	10.471	0.177668	3.20348	3.20348	0.889723	1.11935	1.11935	0.897912	0.900937	-1.10996	0.765999	1.27451	1.27451	0.0281905	0.121687	-8.21779	0.656018	1.43958	1.43958	0.217364	0.348273	-2.87131	2.63327	27.547	9.29879	1
cg11668638	PPP2R5D;PPP2R5D;PPP2R5D;PPP2R5D;PPP2R5D;PPP2R5D	0.0937298	0.557695	0.918446	-1.0888	0.849342	0.973083	-1.02766	0.92956	1.01277	1.01277	0.309918	0.860055	-1.16272	0.944221	0.990011	-1.01009	0.476431	0.901328	-1.10947	0.0969039	0.769936	-1.29881	0.823726	1.03253	1.03253	0.00424674	1.73163	1.73163	2.63327	0.858576	0.289822	1
cg21300122	C1orf183	0.0937309	0.0763724	0.703791	-1.42088	0.580023	1.10471	1.10471	0.00552161	0.522137	-1.91521	0.206303	0.788585	-1.26809	0.762647	1.05545	1.05545	0.447955	0.871277	-1.14774	0.333833	1.19435	1.19435	0.843789	0.965459	-1.03578	0.164301	0.767669	-1.30264	2.63325	1.32398	0.446928	1
cg10573403	INSM2	0.0937309	0.474842	0.867476	-1.15277	0.589296	1.11251	1.11251	0.434011	1.16902	1.16902	0.153471	0.741568	-1.34849	0.752578	1.06382	1.06382	0.631834	0.909885	-1.09904	0.00605679	0.495974	-2.01624	0.631448	1.09916	1.09916	0.10471	1.41466	1.41466	2.63325	1.59599	0.538747	1
cg03046325	TNKS2	0.0937323	0.117958	0.808923	-1.23621	0.262086	0.864099	-1.15728	0.549338	0.927118	-1.07861	0.528788	1.08297	1.08297	0.660233	0.946243	-1.05681	0.0649522	0.771922	-1.29547	0.00632216	0.641371	-1.55916	0.516868	1.08555	1.08555	0.459272	1.09869	1.09869	2.63324	0.650691	0.219651	1
cg18347630	PLCG1;PLCG1	0.0937343	0.902765	1.03104	1.03104	0.471899	1.20085	1.20085	0.855924	0.955558	-1.04651	0.768335	0.928783	-1.07668	0.0944364	0.63139	-1.58381	0.0230308	1.97375	1.97375	0.0415068	1.80031	1.80031	0.0559636	1.71865	1.71865	0.792527	0.936192	-1.06816	2.63321	2.60908	0.880743	1
cg07665487	EFR3A	0.0937357	0.101463	0.421318	-2.3735	0.677587	0.817472	-1.22328	0.578017	0.76271	-1.31112	0.2369	0.550274	-1.81728	0.0142753	0.233012	-4.29162	0.0980884	0.417006	-2.39805	0.0836604	0.397386	-2.51644	0.0169511	0.245666	-4.07057	0.0798613	0.391853	-2.55198	2.63319	9.69011	3.27109	1
cg13668823	BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP;BLCAP	0.0937364	0.873342	0.957209	-1.0447	0.125069	1.57639	1.57639	0.57388	1.16855	1.16855	0.212063	1.43382	1.43382	0.0487264	0.539512	-1.85353	0.214258	1.43109	1.43109	0.0117215	2.37075	2.37075	0.647923	1.13432	1.13432	0.737754	0.911996	-1.0965	2.63319	3.13393	1.05793	1
cg18110553	SAMD4A;SAMD4A	0.0937377	0.666266	0.878486	-1.13832	0.130493	0.614087	-1.62843	0.125184	0.609229	-1.64142	0.0516583	0.516176	-1.93732	0.118555	0.602944	-1.65853	0.131511	0.615003	-1.62601	0.142336	1.60147	1.60147	0.0953479	1.72827	1.72827	0.935749	1.02437	1.02437	2.63317	3.71799	1.2551	1
cg21927946	MIR7-3;C19orf30	0.0937404	0.519294	0.841759	-1.18799	0.310539	0.758297	-1.31875	0.729379	1.0959	1.0959	0.358775	0.779718	-1.28252	0.143258	0.660486	-1.51404	0.382675	1.26625	1.26625	0.00269233	0.335037	-2.98474	0.408517	0.800188	-1.24971	0.801961	0.935881	-1.06851	2.63314	2.89959	0.978838	1
cg19458020	RARA;RARA;RARA	0.0937412	0.694208	1.20326	1.20326	0.799456	0.887617	-1.12661	0.0217454	3.63258	3.63258	0.28683	1.67856	1.67856	0.578537	0.768902	-1.30056	0.163507	0.498381	-2.0065	0.187582	0.519958	-1.92323	0.471181	0.709459	-1.40952	0.0322069	3.23723	3.23723	2.63313	9.14543	3.0873	1
cg16053745	C3orf43	0.0937447	0.243924	0.244863	-4.08391	0.0187368	0.0373388	-26.7818	0.0683509	0.0948672	-10.5411	0.771085	1.40034	1.40034	0.0410657	0.0658311	-15.1904	0.114815	0.138186	-7.23664	0.0229095	0.0432285	-23.1329	0.584626	0.528823	-1.89099	0.25284	0.251971	-3.96871	2.63309	55.549	18.7525	1
cg18882060	WDFY3;C4orf12	0.0937451	0.3672	0.766141	-1.30524	0.383222	1.29323	1.29323	0.342581	1.32472	1.32472	0.0406662	0.50679	-1.9732	0.276853	0.722344	-1.38438	0.144842	0.637423	-1.56882	0.00829967	0.378915	-2.63912	0.464719	0.807362	-1.2386	0.387848	0.775282	-1.28985	2.63308	3.44884	1.16428	1
cg24400553	FAM108A1;FAM108A1	0.0937457	0.879799	0.974504	-1.02616	0.0465255	0.677678	-1.47563	0.194491	0.791171	-1.26395	0.916059	0.982167	-1.01816	0.651599	1.08067	1.08067	0.914296	1.01854	1.01854	0.0102038	1.73809	1.73809	0.795273	1.04538	1.04538	0.160764	0.774388	-1.29134	2.63308	1.21466	0.410053	1
cg23495441	INPP5A	0.0937463	0.301234	0.856166	-1.168	0.083197	0.757245	-1.32058	0.0134297	0.641592	-1.55862	0.712912	1.05504	1.05504	0.331527	0.864805	-1.15633	0.937197	1.01149	1.01149	0.24619	1.19223	1.19223	0.639606	1.07077	1.07077	0.0351808	0.700677	-1.42719	2.63307	0.876548	0.295911	1
cg17945153	CCND3;CCND3	0.0937463	0.0259593	0.185719	-5.38447	0.0300493	0.196865	-5.07963	0.113646	0.334094	-2.99317	0.184797	0.408278	-2.44931	0.059808	0.25855	-3.86772	0.209075	0.430286	-2.32403	0.197566	0.420005	-2.38092	0.0397553	0.219979	-4.54588	0.040964	0.222602	-4.49231	2.63307	16.9164	5.71076	1
cg14037948	GPR144	0.0937468	0.290492	0.644092	-1.55257	0.515688	0.767738	-1.30253	0.532384	0.775997	-1.28867	0.785665	0.896451	-1.11551	0.0158446	0.30572	-3.27097	0.101849	0.487666	-2.05059	0.0197482	0.323356	-3.09256	0.0211566	0.329046	-3.03908	0.845789	0.924885	-1.08122	2.63306	6.70616	2.26392	1
cg01604138	NADSYN1	0.0937476	0.796205	0.838465	-1.19266	0.644467	0.728822	-1.37208	0.206626	2.47624	2.47624	0.673763	1.33408	1.33408	0.0560986	0.229271	-4.36164	0.0572275	0.231212	-4.32504	0.0118805	0.117932	-8.47946	0.248381	0.439807	-2.27373	0.235055	0.428601	-2.33317	2.63305	19.325	6.5239	1
cg12213602	ATF6B;ATF6B	0.0937497	0.516494	0.702595	-1.42329	0.391883	0.624559	-1.60113	0.00356593	0.120196	-8.31973	0.238019	0.515183	-1.94106	0.725594	1.20816	1.20816	0.18505	0.470366	-2.126	0.38432	1.6139	1.6139	0.501096	1.44256	1.44256	0.660297	1.26786	1.26786	2.63303	12.0076	4.05368	1
cg11286790	TRIO	0.0937498	0.0389248	0.456738	-2.18944	0.140986	0.5951	-1.68039	0.245624	0.671614	-1.48895	0.126969	0.582115	-1.71787	0.0365241	0.450849	-2.21804	0.695876	1.13743	1.13743	0.18395	0.629988	-1.58733	0.322809	1.39763	1.39763	0.0331705	0.442074	-2.26206	2.63303	4.48105	1.51277	1
cg16328207	LCORL	0.0937527	0.828393	1.08199	1.08199	0.254775	0.64945	-1.53977	0.0233018	0.37377	-2.67544	0.884727	1.05407	1.05407	0.207086	1.62088	1.62088	0.044704	2.30842	2.30842	0.0843644	1.99982	1.99982	0.557632	0.806329	-1.24019	0.673478	0.857403	-1.16631	2.63299	5.49489	1.85506	1
cg13066289	NCKAP5;NCKAP5	0.093755	0.091518	0.467614	-2.13851	0.121247	1.98829	1.98829	0.896551	1.05465	1.05465	0.534095	0.77291	-1.29381	0.015718	0.297907	-3.35676	0.827216	1.09354	1.09354	0.889904	1.05829	1.05829	0.0655701	2.32884	2.32884	0.512797	0.762217	-1.31196	2.63296	6.9779	2.35574	1
cg10419590	FERMT2;FERMT2;FERMT2	0.0937553	0.522412	0.83434	-1.19855	0.035884	1.97783	1.97783	0.997832	1.00076	1.00076	0.564186	0.849708	-1.17687	0.270107	0.725559	-1.37825	0.541766	0.841513	-1.18834	0.0304211	2.03552	2.03552	0.0834406	1.70799	1.70799	0.0982153	1.65981	1.65981	2.63296	3.25469	1.09878	1
cg02604522	WNT7B	0.093759	0.51764	0.828356	-1.20721	0.0133271	2.41143	2.41143	0.282745	1.37772	1.37772	0.77924	1.08402	1.08402	0.153313	0.644702	-1.55111	0.569862	1.17924	1.17924	0.381377	0.772788	-1.29402	0.0324239	2.05228	2.05228	0.417409	1.2686	1.2686	2.63292	3.43678	1.16028	1
cg12356261	NES	0.0937599	0.166471	0.822719	-1.21548	0.00800963	0.637973	-1.56746	0.0171105	0.680851	-1.46875	0.241727	0.850374	-1.17595	0.81484	0.969447	-1.03152	0.61795	0.935654	-1.06877	0.193127	0.833466	-1.19981	0.0640725	0.759382	-1.31686	0.628409	0.937531	-1.06663	2.63291	0.729547	0.246301	1
cg06536506	ANKS1B;ANKS1B;ANKS1B	0.0937601	0.437668	0.839037	-1.19184	0.566137	1.13719	1.13719	0.0812989	1.53475	1.53475	0.751475	1.07297	1.07297	0.331394	1.24876	1.24876	0.0864163	1.52179	1.52179	0.0180531	1.89022	1.89022	0.013694	1.96559	1.96559	0.420095	1.20034	1.20034	2.6329	2.04907	0.691781	1
cg23836509	KIAA1949;KIAA1949;KIAA1949	0.0937646	0.016195	1.79368	1.79368	0.0879114	0.687887	-1.45373	0.302341	1.23646	1.23646	0.472874	1.15607	1.15607	0.956459	0.989213	-1.0109	?	?	?	0.0748418	0.674259	-1.48311	0.752638	1.06482	1.06482	0.716598	0.930142	-1.0751	2.66283	1.47925	0.555516	1
cg11851456	NGDN;NGDN	0.0937666	0.0574024	3.35457	3.35457	0.155431	0.424852	-2.35376	0.968713	1.02233	1.02233	0.0101869	6.20003	6.20003	0.0888674	2.87706	2.87706	0.451892	1.5397	1.5397	0.708653	0.809472	-1.23537	0.624135	0.757221	-1.32062	0.666148	1.27689	1.27689	2.63283	13.2227	4.46421	1
cg08036289	C15orf23;C15orf23;C15orf23	0.093767	0.0345731	0.19071	-5.24355	0.0745912	0.263018	-3.80202	0.119748	0.321413	-3.11126	0.265922	0.458648	-2.18032	0.0110367	0.117239	-8.52955	0.111789	0.312093	-3.20417	0.0775072	0.267288	-3.74128	0.946734	1.04595	1.04595	0.143155	0.347151	-2.88059	2.63282	18.8521	6.36482	1
cg01273580	SLC17A7	0.0937684	0.0174965	0.40985	-2.43992	0.0367876	2.11303	2.11303	0.0853388	1.7979	1.7979	0.438954	1.27566	1.27566	0.998181	1.0007	1.0007	0.214186	1.49681	1.49681	0.340728	1.35365	1.35365	0.918383	1.03212	1.03212	0.539644	1.21109	1.21109	2.6328	3.96628	1.3391	1
cg07979652	PTPRN2;PTPRN2;PTPRN2	0.0937686	0.246416	0.640363	-1.56161	0.0428298	0.424344	-2.35658	0.808991	0.914798	-1.09314	0.977208	1.01056	1.01056	0.0298535	0.390697	-2.55953	0.907005	0.957939	-1.04391	0.524815	1.26741	1.26741	0.431949	1.34302	1.34302	0.0147422	0.331667	-3.01508	2.6328	5.63812	1.90355	1
cg22661556	FOXA3;SYMPK	0.0937717	0.0495926	4.71766	4.71766	0.990022	0.991554	-1.00852	?	?	?	0.11446	3.25364	3.25364	0.112052	0.304441	-3.28471	0.0845257	0.268548	-3.72373	0.12072	3.17701	3.17701	0.387999	0.547502	-1.82648	0.83574	0.868614	-1.15126	2.83473	17.9734	5.54789	1
cg23861078	SLC5A6;C2orf28;SLC5A6;C2orf28;C2orf28	0.0937736	0.929686	0.984054	-1.0162	0.888641	1.02585	1.02585	0.00233975	2.16785	2.16785	0.739866	1.06257	1.06257	0.872293	0.971124	-1.02973	0.688196	1.07624	1.07624	0.267266	0.810176	-1.2343	0.862994	0.96903	-1.03196	0.231328	1.25693	1.25693	2.63274	1.38328	0.467035	1
cg09227138	SNAP91;SNAP91	0.0937744	0.992654	0.994314	-1.00572	0.818573	1.15293	1.15293	0.113739	2.90317	2.90317	?	?	?	0.029906	0.205501	-4.86616	0.102857	0.331119	-3.02006	0.802363	1.16804	1.16804	0.05579	3.8273	3.8273	0.462059	1.58995	1.58995	2.66271	14.3797	5.40039	1
cg05780234	CACNA1I;CACNA1I	0.0937767	0.0690222	2.96328	2.96328	0.154385	2.2568	2.2568	0.0270072	4.04717	4.04717	0.692361	1.23654	1.23654	0.120825	0.4073	-2.45519	0.210734	2.02198	2.02198	0.499966	1.44134	1.44134	0.0271607	4.03951	4.03951	0.582236	1.34533	1.34533	2.63271	11.8856	4.01297	1
cg00487831	CBFB;CBFB	0.0937789	0.86754	0.955112	-1.047	0.686348	0.894317	-1.11817	0.0695902	0.572125	-1.74787	0.854293	0.950678	-1.05188	0.00864796	0.39812	-2.5118	0.244648	1.39776	1.39776	0.613973	1.15021	1.15021	0.147712	1.53318	1.53318	0.456909	1.23177	1.23177	2.63268	3.15639	1.06571	1
cg24277024	EI24;EI24	0.0937797	0.571791	1.17543	1.17543	0.0438494	0.519266	-1.9258	0.530405	0.835444	-1.19697	0.58778	0.856565	-1.16745	0.0153292	2.32097	2.32097	0.639569	1.14274	1.14274	0.072812	0.567704	-1.76148	0.654472	1.13592	1.13592	0.554411	1.18431	1.18431	2.63267	3.33682	1.12664	1
cg11896345	SLC43A2	0.0937845	0.131957	0.808498	-1.23686	0.224106	1.18172	1.18172	0.56194	1.07968	1.07968	0.870451	0.978887	-1.02157	0.776734	0.963512	-1.03787	0.32984	1.14051	1.14051	0.140873	1.23008	1.23008	0.0337456	1.38287	1.38287	0.0144604	1.48292	1.48292	2.63261	0.712701	0.24064	1
cg25146268	FAHD2A	0.0937848	0.0958806	1.2965	1.2965	0.0122222	1.55776	1.55776	0.156273	1.24027	1.24027	0.31771	1.15794	1.15794	0.388535	1.13369	1.13369	0.90665	0.983482	-1.0168	0.179437	0.816716	-1.22442	0.139962	1.25292	1.25292	0.0630309	1.34569	1.34569	2.63261	0.840531	0.283802	1
cg03776870	IL17RC;IL17RC;IL17RC	0.0937854	0.10311	0.337905	-2.95941	0.267473	0.49512	-2.01971	0.364498	0.5672	-1.76305	0.066359	0.285638	-3.50093	0.0228716	0.190737	-5.24283	0.0411842	0.238501	-4.19285	0.0122221	0.149612	-6.68394	0.488367	0.651575	-1.53474	0.226288	0.461564	-2.16655	2.6326	15.4394	5.21305	1
cg04446467	MBD3	0.0937867	0.333503	0.804382	-1.24319	0.0362508	1.70121	1.70121	0.653256	1.10372	1.10372	0.249836	0.769174	-1.3001	0.457939	0.847943	-1.17932	0.0924492	0.667574	-1.49796	0.0319408	1.73073	1.73073	0.366427	0.816697	-1.22444	0.600035	1.12239	1.12239	2.63259	1.98553	0.670412	1
cg17911021	SHF	0.0937885	0.304858	0.769759	-1.29911	0.164188	1.44132	1.44132	0.0222965	0.509415	-1.96303	0.990758	1.00286	1.00286	0.0216574	1.97191	1.97191	0.805714	0.941116	-1.06257	0.677618	1.10844	1.10844	0.847768	0.953773	-1.04847	0.245599	1.34862	1.34862	2.63256	2.52875	0.853837	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16618417	ARHGEF18;ARHGEF18	0.0937891	0.0199339	0.435297	-2.29728	0.458175	0.799601	-1.25062	0.00608342	0.346341	-2.88733	0.580756	1.17956	1.17956	0.459755	0.800252	-1.24961	0.229863	0.688687	-1.45204	0.584953	0.849356	-1.17736	0.741541	1.10294	1.10294	0.250428	0.700791	-1.42696	2.63256	3.6542	1.23385	1
cg12013492	PHF21A;PHF21A	0.0937898	0.0926017	1.55069	1.55069	0.636491	0.893289	-1.11946	0.0352482	0.55918	-1.78833	0.823286	0.948363	-1.05445	0.199789	0.725367	-1.37861	0.368725	1.24463	1.24463	0.0533987	1.68222	1.68222	0.212036	1.36562	1.36562	0.307676	0.778569	-1.28441	2.63255	2.34261	0.790991	1
cg05534060	TBCD	0.09379	0.70237	1.08699	1.08699	0.270593	1.28301	1.28301	0.471477	1.1725	1.1725	0.0570019	0.626312	-1.59665	0.0186759	0.538297	-1.85771	0.424073	1.19408	1.19408	0.0991685	1.48101	1.48101	0.350067	1.23242	1.23242	0.467017	1.17445	1.17445	2.63255	1.96803	0.664511	1
cg06516331	SNIP1	0.0937918	0.794239	1.07963	1.07963	0.0636487	0.542706	-1.84262	0.387171	0.771188	-1.2967	0.0648517	0.544562	-1.83634	0.127302	0.616715	-1.62149	0.0807433	0.566831	-1.76419	0.053129	1.90427	1.90427	0.714083	1.11389	1.11389	0.474546	1.2376	1.2376	2.63253	3.58232	1.20959	1
cg21714212	KIAA1949;KIAA1949	0.0937944	0.63594	1.20996	1.20996	0.0708849	2.24017	2.24017	0.123161	1.94936	1.94936	0.522559	0.771817	-1.29564	0.126697	0.516715	-1.9353	0.534592	0.777739	-1.28578	0.399076	1.41205	1.41205	0.0867505	2.12992	2.12992	0.0216443	3.01047	3.01047	2.63249	6.65993	2.2488	1
cg11050527	ATP6V1H;ATP6V1H;ATP6V1H;ATP6V1H	0.0937955	0.425019	0.893199	-1.11957	0.537731	0.917128	-1.09036	0.008014	1.60168	1.60168	0.588865	1.07859	1.07859	0.504991	1.09832	1.09832	0.694649	0.946772	-1.05622	0.0304536	0.702844	-1.42279	0.899396	0.982617	-1.01769	0.844798	0.973194	-1.02754	2.63248	0.801376	0.270594	1
cg06934747	RHBDF1	0.0937963	0.138474	0.51067	-1.95821	0.0661497	0.419599	-2.38323	0.0591812	0.407533	-2.45379	0.770804	0.884189	-1.13098	0.0549265	0.399651	-2.50219	0.626747	0.813428	-1.22936	0.010584	0.258019	-3.87568	0.458406	1.37456	1.37456	0.758263	0.878032	-1.13891	2.63247	7.40205	2.4994	1
cg09781936	TBX1;TBX1;TBX1	0.0937986	0.0389038	0.146344	-6.83321	0.014678	0.0893974	-11.186	0.325906	0.442503	-2.25987	0.0816332	0.211994	-4.71711	0.0369186	0.142563	-7.01446	0.316212	0.434783	-2.3	0.101207	0.236309	-4.23175	0.0470681	0.160947	-6.21321	0.42187	0.517121	-1.93378	2.63244	26.9363	9.09549	1
cg13131111	WDR72	0.0938013	0.0252556	0.596215	-1.67725	0.118771	1.38977	1.38977	0.588992	1.11186	1.11186	0.456016	1.15902	1.15902	0.031911	0.613407	-1.63024	0.642353	1.09517	1.09517	0.156085	1.34306	1.34306	0.535072	0.885056	-1.12987	0.866182	0.967748	-1.03333	2.63241	1.57529	0.53193	1
cg20541187	PROKR1	0.0938019	0.211887	0.793525	-1.2602	0.34759	0.843597	-1.1854	0.0734194	1.42055	1.42055	0.805669	0.957578	-1.0443	0.0325173	1.55286	1.55286	0.621088	1.09158	1.09158	0.0183853	1.65381	1.65381	0.84647	0.966484	-1.03468	0.498414	1.12847	1.12847	2.6324	1.28942	0.435401	1
cg23070073	RGPD2	0.0938033	0.479913	0.808454	-1.23693	0.0109984	0.388848	-2.5717	0.0528273	0.521182	-1.91872	0.59853	0.854436	-1.17036	0.917203	1.03127	1.03127	0.759373	1.09523	1.09523	0.0534514	1.91458	1.91458	0.41784	0.7826	-1.27779	0.764439	0.914864	-1.09306	2.63239	3.65491	1.23417	1
cg12554857	HPGDS;HPGDS	0.0938035	0.666337	1.11786	1.11786	0.0245233	1.98987	1.98987	0.588008	0.868941	-1.15083	0.106496	0.63591	-1.57255	0.268833	0.743945	-1.34419	0.182537	1.43812	1.43812	0.310391	1.30942	1.30942	0.0437323	1.81379	1.81379	0.589444	0.869419	-1.15019	2.63238	2.75026	0.928692	1
cg25634000	TOP1MT	0.0938042	0.043101	0.241795	-4.13573	0.0412891	0.237892	-4.20359	0.135362	0.374613	-2.66942	0.108731	0.343983	-2.90712	0.0267446	0.201685	-4.95823	0.134867	0.374075	-2.67326	0.0192401	0.177733	-5.62642	0.218385	0.453956	-2.20286	0.491927	0.65325	-1.53081	2.63238	15.514	5.23869	1
cg14580297	DBC1	0.0938047	0.102433	0.664967	-1.50383	0.790743	1.0626	1.0626	0.229311	1.33376	1.33376	0.843259	1.04623	1.04623	0.495218	0.853754	-1.1713	0.539948	1.15219	1.15219	0.86904	1.03839	1.03839	0.00424294	0.41736	-2.39601	0.376366	0.812812	-1.2303	2.63237	2.17307	0.733792	1
cg15906675	GPRIN3	0.0938054	0.245562	0.727516	-1.37454	0.00851717	0.415025	-2.40949	0.734617	1.09321	1.09321	0.731832	1.09429	1.09429	0.0655171	1.71846	1.71846	0.220325	1.40149	1.40149	0.365607	1.27568	1.27568	0.73735	1.09216	1.09216	0.704898	0.905146	-1.10479	2.63236	2.86026	0.965844	1
cg27191600	DVWA	0.0938054	0.229086	0.546724	-1.82908	0.102852	0.425816	-2.34843	0.0340301	0.306156	-3.26631	0.441056	0.686705	-1.45623	0.0244034	0.277179	-3.60778	0.0747757	0.38694	-2.58438	0.0200304	0.261169	-3.82894	0.0722125	0.382932	-2.61143	0.212896	0.533874	-1.8731	2.63236	9.54173	3.22203	1
cg17633576	LMO3;LMO3	0.0938068	0.740056	1.19184	1.19184	0.0131701	5.05344	5.05344	0.0317319	3.76995	3.76995	0.745985	1.18687	1.18687	0.218173	1.97927	1.97927	0.297633	1.76666	1.76666	0.0148184	4.85584	4.85584	0.148679	2.26241	2.26241	0.426691	1.53385	1.53385	2.63235	11.5821	3.91103	1
cg24427944	ZW10	0.093807	0.900598	1.04411	1.04411	0.277073	0.676704	-1.47775	0.179617	1.63621	1.63621	0.24132	1.52762	1.52762	0.0668284	0.491727	-2.03365	0.00736048	0.303234	-3.29778	0.909649	0.961542	-1.04	0.926795	0.968752	-1.03226	0.81996	0.924268	-1.08194	2.63234	4.97539	1.68009	1
cg21500909	TMEM91;B9D2	0.0938071	0.740861	1.0917	1.0917	0.682962	0.897124	-1.11467	0.141967	1.51801	1.51801	0.0977547	0.618616	-1.61651	0.282311	1.34361	1.34361	0.5147	1.19085	1.19085	0.939843	0.980245	-1.02015	0.36518	0.781938	-1.27887	0.00740957	0.401724	-2.48927	2.63234	2.91378	0.983924	1
cg16751659	AGAP1;AGAP1	0.09381	0.32462	1.24804	1.24804	0.643558	1.10683	1.10683	0.025122	0.559759	-1.78648	0.794679	1.05845	1.05845	0.0105745	0.496352	-2.0147	0.214989	0.752528	-1.32885	0.455581	1.18003	1.18003	0.746064	1.07334	1.07334	0.758754	0.935101	-1.0694	2.63231	1.9781	0.667972	1
cg09150733	YWHAG	0.0938124	0.532315	0.771229	-1.29663	0.236947	0.601173	-1.66342	0.343436	0.669767	-1.49306	0.0221146	3.0861	3.0861	0.10842	0.48714	-2.0528	0.581614	1.25679	1.25679	0.497313	0.753521	-1.3271	0.0383246	2.67982	2.67982	0.936844	0.967978	-1.03308	2.63228	7.03153	2.37446	1
cg10608858	PRKAG2;PRKAG2	0.0938154	0.0891814	0.309163	-3.23454	0.894224	1.08688	1.08688	0.698261	1.27631	1.27631	0.319422	1.9048	1.9048	0.0122831	0.141833	-7.05052	0.598529	1.39479	1.39479	0.134345	0.363833	-2.74851	0.982532	1.01381	1.01381	0.0459144	0.238616	-4.19083	2.63224	16.3509	5.52158	1
cg23555471	DTX1	0.0938155	0.351602	1.84786	1.84786	0.0200117	6.03727	6.03727	0.00688142	9.40447	9.40447	0.692491	1.28995	1.28995	0.797542	0.848184	-1.17899	0.229755	2.24154	2.24154	0.0642692	3.78745	3.78745	0.485148	1.57514	1.57514	0.359923	1.82742	1.82742	2.63224	17.1039	5.77586	1
cg24870476	DUSP10;DUSP10;DUSP10;DUSP10	0.0938175	0.11296	3.02567	3.02567	0.997922	1.00167	1.00167	0.41953	0.589016	-1.69775	0.15599	2.64862	2.64862	0.0458641	4.34378	4.34378	0.524934	1.51202	1.51202	0.207437	0.426089	-2.34693	0.0383534	4.66481	4.66481	0.0486461	4.24305	4.24305	2.63222	17.1689	5.79786	1
cg14283602	IKBKE;IKBKE	0.0938178	0.70791	1.05195	1.05195	0.664709	1.06044	1.06044	0.123807	1.25145	1.25145	0.172896	0.822678	-1.21554	0.879959	0.979868	-1.02055	0.00575565	0.614455	-1.62746	0.666341	1.06011	1.06011	0.288111	0.862075	-1.15999	0.424544	1.116	1.116	2.63221	0.754966	0.254949	1
cg05093686	MAB21L1;MIR548F5;NBEA;MAB21L1	0.0938188	0.0286592	0.227037	-4.40456	0.124986	0.385253	-2.5957	0.949386	0.964195	-1.03713	0.167723	0.429751	-2.32693	0.0546941	0.286007	-3.49642	0.110358	0.368106	-2.71661	0.0173255	0.189247	-5.28409	0.0491876	0.275385	-3.63128	0.215316	0.472792	-2.1151	2.6322	13.7528	4.64428	1
cg01959562	IGFBP7	0.093819	?	?	?	0.263747	2.42279	2.42279	0.364346	2.03005	2.03005	0.0625116	4.9153	4.9153	0.0606098	4.98756	4.98756	0.0224547	0.125305	-7.98051	0.825778	1.18229	1.18229	0.510957	1.65941	1.65941	0.477635	1.73053	1.73053	2.66217	21.6244	8.12285	1
cg25595641	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0938192	0.519873	0.748581	-1.33586	0.186021	1.86337	1.86337	0.813448	0.900384	-1.11064	0.360365	1.51803	1.51803	0.00843521	0.224658	-4.45122	0.0369143	0.341026	-2.93232	0.69907	1.18819	1.18819	0.941831	1.03292	1.03292	0.475368	0.724557	-1.38015	2.6322	8.21418	2.77392	1
cg16512615	UCP1	0.0938225	0.167431	0.173381	-5.76764	0.901541	0.862967	-1.15879	0.382969	2.90182	2.90182	0.483228	0.428063	-2.3361	0.518565	0.458725	-2.17996	0.268614	0.253597	-3.94326	0.21614	0.21226	-4.71121	0.00601649	71.7911	71.7911	0.641328	1.74831	1.74831	2.63216	59.1094	19.9614	1
cg05376156	NFE2;NFE2	0.093823	0.345662	0.797411	-1.25406	0.0110573	2.10181	2.10181	0.904325	1.02843	1.02843	0.178831	0.716839	-1.39501	0.313806	0.784411	-1.27484	0.201259	0.730087	-1.3697	0.677955	1.10223	1.10223	0.110863	0.667043	-1.49915	0.213267	0.736748	-1.35732	2.63215	2.26497	0.764888	1
cg27280034	SDCBP;SDCBP;SDCBP;SDCBP;SDCBP	0.093824	0.420066	0.833137	-1.20028	0.124792	1.44519	1.44519	0.340871	1.24297	1.24297	0.987371	1.00351	1.00351	0.880927	0.967328	-1.03378	0.880049	1.03403	1.03403	0.00569564	0.447731	-2.23348	0.951742	0.986677	-1.0135	0.146255	1.41287	1.41287	2.63214	2.04721	0.691356	1
cg15970621	PHKG2	0.0938253	0.572773	0.895507	-1.11669	0.176901	0.757314	-1.32046	0.0203261	1.71893	1.71893	0.277169	0.803419	-1.24468	0.398797	0.845949	-1.1821	0.656578	1.09053	1.09053	0.328441	0.82255	-1.21573	0.0384695	1.59103	1.59103	0.374016	0.838014	-1.1933	2.63213	1.56349	0.528001	1
cg00105640	LOC388588	0.0938266	0.33366	1.2761	1.2761	0.017929	2.02047	2.02047	0.289832	1.30815	1.30815	0.35974	1.25889	1.25889	0.200216	1.39214	1.39214	0.0743966	1.62586	1.62586	0.215713	1.37517	1.37517	0.00604425	2.40315	2.40315	0.608443	1.13466	1.13466	2.63211	2.49208	0.8416	1
cg14898243	SRGN	0.0938269	0.504514	0.63173	-1.58296	0.0654174	0.245984	-4.06531	0.0263654	0.167629	-5.96556	0.341993	0.514794	-1.94252	0.0459436	0.211953	-4.71802	0.0804983	0.26855	-3.7237	0.0172751	0.1399	-7.14797	0.291393	0.475938	-2.10111	0.0694008	0.252202	-3.96507	2.63211	19.1726	6.47477	1
cg08173959	CCDC94	0.0938295	0.314936	0.826473	-1.20996	0.673671	0.925258	-1.08078	0.939707	1.01397	1.01397	0.542381	1.11975	1.11975	0.667107	0.923703	-1.0826	0.121467	1.36061	1.36061	0.00440397	2.00824	2.00824	0.298303	0.820588	-1.21864	0.667143	0.923712	-1.08259	2.63208	1.40227	0.473565	1
cg21727145	LRRK1	0.0938296	0.38503	1.51508	1.51508	0.351148	1.56462	1.56462	0.25822	1.73385	1.73385	0.194303	1.89757	1.89757	0.438964	1.4452	1.4452	0.129163	0.46538	-2.14878	0.015541	3.9923	3.9923	0.01909	3.75605	3.75605	0.489438	1.38757	1.38757	2.63207	9.07178	3.06367	1
cg06373470	AGAP11	0.0938305	0.492454	1.15663	1.15663	0.738252	0.932391	-1.07251	0.203542	0.755683	-1.32331	0.787337	1.05806	1.05806	0.385178	1.20422	1.20422	0.337034	1.22949	1.22949	0.00395779	2.24553	2.24553	0.10864	1.44089	1.44089	0.303993	1.24884	1.24884	2.63206	1.81619	0.613356	1
cg00569244	JUN	0.0938305	0.0144087	0.411737	-2.42874	0.319327	1.35364	1.35364	0.0478977	1.94538	1.94538	0.819216	1.06968	1.06968	0.261256	1.41159	1.41159	0.497511	0.816564	-1.22464	0.453016	0.79858	-1.25222	0.183091	0.659922	-1.51533	0.586839	1.1752	1.1752	2.63206	3.60869	1.21871	1
cg09809672	EDARADD;EDARADD;EDARADD	0.0938309	0.112703	0.540741	-1.84931	0.300797	1.46488	1.46488	0.390243	1.36819	1.36819	0.052912	0.456878	-2.18877	0.753598	0.893931	-1.11865	0.982567	1.00781	1.00781	0.657181	1.17239	1.17239	0.0137456	0.338012	-2.95848	0.104177	0.531227	-1.88244	2.63206	5.28538	1.78496	1
cg26962295	NFATC2IP	0.093833	0.228275	0.692985	-1.44303	0.00380461	3.10168	3.10168	0.861036	0.950453	-1.05213	0.686767	1.12476	1.12476	0.163904	0.649975	-1.53852	0.4908	0.816295	-1.22505	0.797479	0.928135	-1.07743	0.720783	1.1097	1.1097	0.663067	1.13558	1.13558	2.63203	3.50622	1.18412	1
cg04558298	CROCC	0.093841	0.39746	1.17258	1.17258	0.76575	1.05644	1.05644	0.709254	0.933494	-1.07124	0.143818	1.33452	1.33452	0.553611	1.11639	1.11639	0.0187595	1.68757	1.68757	0.610921	0.91003	-1.09887	0.0184037	1.69134	1.69134	0.0367247	1.56192	1.56192	2.63194	1.4074	0.475322	1
cg25450113	TTC27	0.0938457	0.0917411	0.836645	-1.19525	0.225207	1.13016	1.13016	0.300432	0.902056	-1.10858	0.0755516	0.826927	-1.2093	0.00638298	0.711086	-1.4063	0.535693	0.941529	-1.0621	0.56683	0.945905	-1.05719	0.663332	1.04297	1.04297	0.442853	0.927592	-1.07806	2.63188	0.384662	0.129915	1
cg04249030	COX5A	0.0938485	0.990829	0.998133	-1.00187	0.11304	1.32367	1.32367	0.0101706	1.69375	1.69375	0.595806	0.916643	-1.09094	0.6762	1.07067	1.07067	0.822698	0.96417	-1.03716	0.317053	0.845221	-1.18312	0.675494	1.07085	1.07085	0.0237865	1.55063	1.55063	2.63185	1.10177	0.372114	1
cg08460995	HMOX2;HMOX2;HMOX2;NMRAL1	0.0938495	0.0621683	0.679309	-1.47209	0.0632449	1.46919	1.46919	0.182447	1.29768	1.29768	0.515677	1.12905	1.12905	0.0876691	0.706691	-1.41505	0.149932	1.32877	1.32877	0.1689	0.763425	-1.30989	0.965123	0.99198	-1.00808	0.396489	0.852228	-1.17339	2.63184	1.4136	0.477437	1
cg12819826	PPAN;PPAN-P2RY11	0.0938505	0.252855	0.458188	-2.18251	0.0205243	0.161392	-6.19609	0.0514155	0.234739	-4.26005	0.78416	1.19653	1.19653	0.13584	0.34981	-2.85869	0.224477	0.434374	-2.30216	0.0317833	0.193071	-5.17944	0.0713899	0.268236	-3.72806	0.0600223	0.249962	-4.00061	2.63182	17.8008	6.01214	1
cg24694947	C13orf16	0.0938509	0.361541	0.515193	-1.94102	0.23296	0.41297	-2.42148	0.745664	1.25877	1.25877	0.340279	2.00358	2.00358	0.0472362	0.200808	-4.97989	0.180431	2.73393	2.73393	0.286324	2.18793	2.18793	0.0154358	0.122276	-8.17824	0.983185	0.985209	-1.01501	2.63182	20.8414	7.03913	1
cg12124478	IQGAP3	0.0938525	0.137991	0.67216	-1.48774	0.33971	1.2773	1.2773	0.0930722	1.58334	1.58334	0.702539	0.908976	-1.10014	0.327304	0.777623	-1.28597	0.118757	0.656275	-1.52375	0.0179747	0.489156	-2.04434	0.0987974	0.63751	-1.5686	0.57784	0.8695	-1.15009	2.6318	2.57859	0.870918	1
cg01945624	SH3TC1	0.0938537	0.0340339	0.587252	-1.70285	0.160335	0.724195	-1.38084	0.179581	0.735886	-1.35891	0.288246	0.788832	-1.2677	0.00519526	0.452227	-2.21128	0.404729	0.832419	-1.20132	0.560078	1.13516	1.13516	0.868388	0.964948	-1.03632	0.243533	0.769102	-1.30022	2.63179	1.92937	0.651648	1
cg11175091	MIR1243;ANK2;ANK2;ANK2	0.0938571	0.0903788	2.08052	2.08052	0.105108	2.00421	2.00421	0.0372934	2.58315	2.58315	0.581908	1.24399	1.24399	0.569558	0.797993	-1.25314	0.0461192	2.45271	2.45271	0.126389	1.91401	1.91401	0.0155988	3.20322	3.20322	0.368393	1.43724	1.43724	2.63174	6.42468	2.16998	1
cg24086611	PDE7B	0.0938572	0.792913	0.938577	-1.06544	0.0137099	0.479827	-2.08408	0.0595423	0.599079	-1.66923	0.758618	1.07709	1.07709	0.416188	1.22166	1.22166	0.613151	0.884411	-1.1307	0.102807	1.53731	1.53731	0.144569	0.685523	-1.45874	0.277547	0.7618	-1.31268	2.63174	2.41953	0.817212	1
cg08749782	ZNF598	0.0938577	0.263722	0.691729	-1.44565	0.00675449	3.03686	3.03686	0.278787	1.42795	1.42795	0.730512	0.896388	-1.11559	0.380962	0.752554	-1.32881	0.347404	1.35808	1.35808	0.386529	0.755174	-1.3242	0.384247	1.32608	1.32608	0.202104	0.653073	-1.53122	2.63174	4.17122	1.40886	1
cg09580249	RPH3AL	0.0938579	0.0654263	0.564914	-1.77018	0.639949	1.13895	1.13895	0.38111	0.780293	-1.28157	0.800504	1.07243	1.07243	0.0255502	0.480605	-2.08071	0.0663199	0.566233	-1.76606	0.183117	1.47711	1.47711	0.0626066	0.560654	-1.78363	0.28263	0.734685	-1.36113	2.63174	3.17871	1.07363	1
cg15149725	CCDC64	0.0938591	0.100507	2.30562	2.30562	0.965054	1.02055	1.02055	0.0325995	0.31311	-3.19376	0.0386459	3.04052	3.04052	0.0746474	2.51431	2.51431	0.138965	2.09483	2.09483	0.912258	1.05251	1.05251	0.758	1.1543	1.1543	0.958979	0.976401	-1.02417	2.63172	8.98539	3.0349	1
cg08073166	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.09386	0.993016	1.0029	1.0029	0.0355102	2.24799	2.24799	0.158322	1.64723	1.64723	0.346518	0.725559	-1.37825	0.162618	1.63773	1.63773	0.249824	0.671659	-1.48885	0.0308283	0.432058	-2.3145	0.986652	1.00555	1.00555	0.360842	1.36461	1.36461	2.63171	4.56489	1.54184	1
cg07427113	BTBD11;BTBD11	0.0938624	0.884693	0.968437	-1.03259	0.0570643	1.60936	1.60936	0.968025	0.99118	-1.0089	0.121305	0.689866	-1.44956	0.28023	1.28156	1.28156	0.656415	0.905782	-1.10402	0.31797	0.796019	-1.25625	0.010265	0.489195	-2.04418	0.794258	1.05946	1.05946	2.63168	2.03591	0.687658	1
cg18138606	MAGED2;SNORA11;MAGED2;MAGED2	0.0938625	0.322989	0.608358	-1.64377	0.127791	0.448622	-2.22905	0.200679	0.517889	-1.93091	0.113771	0.432719	-2.31097	0.00274612	0.133715	-7.47858	0.94089	0.964541	-1.03676	0.99754	0.9985	-1.0015	0.990364	1.0059	1.0059	0.308863	0.598862	-1.66983	2.63168	9.87847	3.3366	1
cg19992785	PDGFD;PDGFD	0.0938627	0.987539	1.00319	1.00319	0.0207576	0.566443	-1.7654	0.0594986	0.647737	-1.54384	0.652077	0.911497	-1.0971	0.276249	0.793558	-1.26015	0.43875	1.17497	1.17497	0.994927	0.998703	-1.0013	0.0351603	1.65037	1.65037	0.757864	1.06517	1.06517	2.63168	1.73741	0.586836	1
cg05296180	ANG;RNASE4;ANG;RNASE4	0.093864	0.580551	0.821814	-1.21682	0.246453	0.653017	-1.53135	0.00570133	0.279513	-3.57765	0.298187	0.684434	-1.46106	0.0878335	0.515608	-1.93946	0.970065	0.986893	-1.01328	0.228507	1.55952	1.55952	0.432879	0.754724	-1.32499	0.0903478	0.518831	-1.92741	2.63166	5.15261	1.74038	1
cg17249942	ICOSLG	0.0938643	0.29372	0.832271	-1.20153	0.689669	0.934578	-1.07	0.0138241	0.598769	-1.67009	0.0923104	0.731749	-1.36659	?	?	?	0.764661	1.05191	1.05191	0.488923	1.12581	1.12581	0.346663	1.17746	1.17746	0.118255	1.33096	1.33096	2.66161	1.06475	0.400039	1
cg00958578	SNRNP25;POLR3K	0.093865	0.274123	0.838049	-1.19325	0.0778573	1.35557	1.35557	0.113678	1.30633	1.30633	0.605089	1.08436	1.08436	0.648107	1.07395	1.07395	0.254984	0.831502	-1.20264	0.693071	1.06353	1.06353	0.0135289	1.60725	1.60725	0.0766919	1.35755	1.35755	2.63165	1.00467	0.339346	1
cg07003115	MANEAL;MANEAL	0.0938664	0.494373	1.25416	1.25416	0.0156794	2.62898	2.62898	0.0549799	2.0343	2.0343	0.280986	1.4415	1.4415	0.377636	0.744215	-1.3437	0.372932	0.741927	-1.34784	0.181924	0.62978	-1.58786	0.786995	1.09241	1.09241	0.246333	0.673245	-1.48534	2.63163	4.43879	1.49929	1
cg23435118	NDFIP1	0.0938671	0.032952	0.425005	-2.35292	0.908724	0.96142	-1.04013	0.589132	0.829396	-1.2057	0.994704	0.997726	-1.00228	0.0289842	0.413492	-2.41843	0.750244	0.896232	-1.11578	0.0309428	0.419324	-2.38479	0.0291218	0.413912	-2.41597	0.688866	1.14806	1.14806	2.63163	4.90496	1.65676	1
cg18119407	CFLAR;CFLAR	0.0938675	0.974815	0.989858	-1.01025	0.282482	1.43423	1.43423	0.135852	0.59512	-1.68033	0.548728	0.822065	-1.21645	0.921944	1.03215	1.03215	0.260877	1.46031	1.46031	0.585337	1.19471	1.19471	0.0307799	0.440808	-2.26856	0.0147499	0.379447	-2.63541	2.63162	4.34587	1.46791	1
cg14497841	RALGPS1	0.0938736	0.0247166	0.184764	-5.4123	0.116793	0.340932	-2.93313	0.0543544	0.251902	-3.96981	0.470292	0.62886	-1.59018	0.0429111	0.2296	-4.3554	0.108799	0.331373	-3.01775	0.11439	0.338097	-2.95773	0.0421069	0.227902	-4.38784	0.0471693	0.238279	-4.19676	2.63155	16.6213	5.61436	1
cg09431913	EGR3	0.0938761	0.174885	1.87952	1.87952	0.883352	0.938377	-1.06567	0.589574	0.789576	-1.2665	0.0184652	0.278932	-3.5851	0.128722	0.486832	-2.0541	0.229119	0.576513	-1.73457	?	?	?	0.0514646	0.375233	-2.66501	0.392353	1.46374	1.46374	2.83328	7.32698	2.26279	1
cg12466737	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0938763	0.494421	0.501855	-1.99261	0.035445	0.0877537	-11.3955	0.471687	2.0698	2.0698	0.0404024	0.0951469	-10.5101	0.688596	0.670127	-1.49225	0.0596052	0.120952	-8.26774	0.639992	1.59689	1.59689	0.152616	4.58251	4.58251	0.300868	2.90129	2.90129	2.63152	41.1476	13.8991	1
cg24529484	SLC8A2	0.093878	0.0588256	5.28814	5.28814	0.215022	2.76917	2.76917	0.341941	2.14721	2.14721	0.196545	2.90271	2.90271	0.0455212	5.98787	5.98787	0.0424596	6.19338	6.19338	0.0139324	10.7028	10.7028	0.0556279	5.43343	5.43343	0.109363	3.90548	3.90548	2.6315	25.3829	8.57404	1
cg03157591	GDAP1L1	0.0938807	0.169136	0.679003	-1.47275	0.0441133	0.542691	-1.84267	0.436674	1.2333	1.2333	0.562748	1.16724	1.16724	0.0418309	0.537979	-1.85881	0.670432	0.893038	-1.11977	0.0181059	0.468346	-2.13517	0.0947524	0.615523	-1.62464	0.585266	0.86448	-1.15677	2.63146	2.91063	0.98319	1
cg23758305	PRDM14	0.0938811	0.143767	2.90104	2.90104	0.826792	0.861916	-1.16021	0.594311	1.43981	1.43981	0.78943	1.199	1.199	0.376315	0.540303	-1.85081	0.483651	0.617125	-1.62042	0.667093	0.745702	-1.34102	0.00298213	15.8413	15.8413	0.999442	0.999526	-1.00047	2.63146	19.1622	6.47287	1
cg27633753	OCRL;OCRL	0.0938827	0.0333814	0.252167	-3.96563	0.0989817	2.72456	2.72456	0.988817	1.0078	1.0078	0.0648838	3.15435	3.15435	0.508193	0.689385	-1.45057	0.206748	0.47813	-2.09148	0.251629	1.94189	1.94189	0.166156	2.26642	2.26642	0.471956	0.666688	-1.49995	2.63144	12.797	4.32277	1
cg15362480	ZNF775	0.0938838	0.527417	1.14258	1.14258	0.236612	0.772489	-1.29452	0.0287604	0.584561	-1.71069	0.161357	1.36528	1.36528	0.986655	1.00349	1.00349	0.0241266	0.571321	-1.75033	0.393343	0.833589	-1.19963	0.598667	1.1169	1.1169	0.0995913	0.68679	-1.45605	2.63143	1.80597	0.610052	1
cg02758586	RAB5C;RAB5C	0.0938852	0.299075	0.756709	-1.32151	0.111573	0.638333	-1.56658	0.506646	1.19068	1.19068	0.456233	1.2172	1.2172	0.0283933	0.511638	-1.95451	0.727075	1.09501	1.09501	0.0183758	0.47661	-2.09815	0.685713	0.899982	-1.11113	0.0711771	0.593301	-1.68548	2.63141	2.79614	0.944534	1
cg22790758	KIAA1026;KIAA1026	0.0938857	0.828562	0.911929	-1.09658	0.0431914	2.68804	2.68804	0.136145	1.97918	1.97918	0.0832107	0.442495	-2.25991	0.120707	0.488967	-2.04513	0.868215	1.07315	1.07315	0.28066	1.61078	1.61078	0.0619433	2.44391	2.44391	0.365257	1.4851	1.4851	2.6314	7.53192	2.54428	1
cg11187508	CWF19L1	0.0938888	0.154932	0.697741	-1.4332	0.17321	1.40868	1.40868	0.0431242	1.73355	1.73355	0.224056	1.35255	1.35255	0.0365526	0.563006	-1.77618	0.679437	0.906425	-1.10323	0.863239	0.960056	-1.04161	0.430872	1.20936	1.20936	0.160461	1.42547	1.42547	2.63137	2.32971	0.786989	1
cg18740152	ZNF846	0.0938916	0.0483383	0.564472	-1.77157	0.973889	1.00833	1.00833	0.103358	1.57078	1.57078	0.357043	1.27138	1.27138	0.193333	0.705455	-1.41753	0.81114	1.06256	1.06256	0.433609	1.22451	1.22451	0.0199094	2.03875	2.03875	0.270089	1.33789	1.33789	2.63133	2.67768	0.904546	1
cg26808293	TNFRSF12A	0.0938932	0.0243242	0.387367	-2.58153	0.48789	0.779572	-1.28276	0.149312	0.579067	-1.72692	0.0455423	0.444761	-2.2484	0.189548	0.612006	-1.63397	0.357417	0.715753	-1.39713	0.00711172	0.292715	-3.41629	0.182993	0.606978	-1.64751	0.539142	0.802767	-1.24569	2.63131	5.2029	1.7576	1
cg09760963	RNF175	0.0938944	0.0682308	1.85481	1.85481	0.752173	0.908601	-1.10059	0.0632692	0.531526	-1.88138	0.0196548	2.34606	2.34606	0.416298	0.777737	-1.28578	0.748523	0.907266	-1.10221	0.129205	1.64221	1.64221	0.838734	1.0636	1.0636	0.588195	0.84755	-1.17987	2.6313	3.81507	1.28878	1
cg10095020	ADAMTSL5;ADAMTSL5	0.0938944	0.930756	1.01594	1.01594	0.0535704	1.49004	1.49004	0.632612	1.09157	1.09157	0.495805	0.881784	-1.13407	0.155415	1.31857	1.31857	0.0449723	1.51978	1.51978	0.0341597	1.56779	1.56779	0.0230995	1.63915	1.63915	0.872093	0.971114	-1.02975	2.6313	1.37913	0.465889	1
cg09528265	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.0938969	0.109165	1.57004	1.57004	0.71272	1.10021	1.10021	0.283067	1.33378	1.33378	0.0557846	1.74999	1.74999	0.258655	1.35573	1.35573	0.158672	1.47561	1.47561	0.0250757	0.502488	-1.9901	0.150677	1.48849	1.48849	0.246316	1.36764	1.36764	2.63127	2.77894	0.938775	1
cg10520924	GLI2	0.0939004	0.0232267	0.706538	-1.41535	0.858168	1.02317	1.02317	0.305857	0.873064	-1.14539	0.291242	1.15053	1.15053	0.062371	0.764459	-1.30812	0.0748944	0.775699	-1.28916	0.279888	1.15469	1.15469	0.26393	1.16079	1.16079	0.364367	0.887501	-1.12676	2.63123	0.683176	0.230792	1
cg02049232	SCRT1	0.0939014	0.1334	2.60363	2.60363	0.195681	2.24529	2.24529	0.0641717	3.41923	3.41923	0.164698	2.40164	2.40164	0.242664	2.05998	2.05998	0.559712	1.41711	1.41711	0.0441913	3.92117	3.92117	0.00555087	8.61548	8.61548	0.129201	2.6354	2.6354	2.63122	14.5586	4.91825	1
cg11964216	ZC3H3	0.0939056	0.6977	0.892496	-1.12045	0.847401	0.945412	-1.05774	0.0297424	0.474551	-2.10725	0.502956	0.820307	-1.21906	0.00840684	0.375017	-2.66655	0.96867	0.988621	-1.01151	0.122996	1.62723	1.62723	0.263918	0.712258	-1.40399	0.723989	0.901848	-1.10883	2.63117	3.53789	1.19521	1
cg20694648	DR1	0.0939097	0.012532	0.699432	-1.42973	0.459707	1.09051	1.09051	0.165311	1.18572	1.18572	0.0566926	0.780132	-1.28183	0.114082	0.820486	-1.21879	0.654922	0.949536	-1.05315	0.735373	0.961704	-1.03982	0.237636	0.867277	-1.15303	0.580766	1.06631	1.06631	2.63112	0.552128	0.186529	1
cg13476464	MMP28	0.0939101	0.749966	0.941526	-1.06211	0.686239	0.926322	-1.07954	0.0217457	0.595054	-1.68052	0.417569	0.855458	-1.16896	0.581464	1.11063	1.11063	0.0939007	1.415	1.415	0.0221061	1.67725	1.67725	0.642844	1.09199	1.09199	0.658685	1.08739	1.08739	2.63111	1.47993	0.499975	1
cg20837557	RAB32	0.0939119	0.127811	0.58351	-1.71377	0.0361863	0.450667	-2.21894	0.188522	0.633901	-1.57753	0.0487482	0.478811	-2.08851	0.0288042	0.430172	-2.32465	0.0675184	0.511602	-1.95464	0.521884	1.23663	1.23663	0.888262	1.04707	1.04707	0.120654	0.57652	-1.73454	2.63109	4.46107	1.50713	1
cg23848568	SLC38A9	0.0939129	0.45344	0.91863	-1.08858	0.0237835	0.740926	-1.34966	0.341559	1.11506	1.11506	0.118654	1.20713	1.20713	0.424771	1.09482	1.09482	0.341016	1.11521	1.11521	0.0431825	1.29499	1.29499	0.149359	1.18745	1.18745	0.405428	1.09921	1.09921	2.63108	0.514638	0.173866	1
cg06384607	TBXA2R;TBXA2R	0.0939134	0.208844	0.56945	-1.75608	0.849803	0.922584	-1.08391	0.0975142	0.461718	-2.16583	0.224915	0.581718	-1.71905	0.00415285	0.195332	-5.1195	0.404443	0.695877	-1.43704	0.07847	0.43572	-2.29505	0.0675957	0.41882	-2.38766	0.232441	0.587292	-1.70273	2.63107	7.52785	2.54323	1
cg12837084	TSGA14	0.0939181	0.0788521	0.720704	-1.38753	0.0224385	1.58246	1.58246	0.829035	1.03696	1.03696	0.260133	0.821081	-1.21791	0.33543	0.846448	-1.18141	0.167393	0.781145	-1.28017	0.820013	1.03899	1.03899	0.214279	1.24537	1.24537	0.148394	1.29716	1.29716	2.63102	1.1737	0.396535	1
cg10351452	ROBO1;ROBO1;ROBO1;ROBO1	0.0939187	0.040861	0.390498	-2.56083	0.787515	1.11363	1.11363	0.102351	0.490581	-2.0384	0.723348	0.867975	-1.15211	0.02008	0.327136	-3.05684	0.484634	0.753577	-1.327	0.145093	0.536132	-1.86521	0.104442	2.02804	2.02804	0.283198	0.641338	-1.55924	2.63101	6.61309	2.23424	1
cg04611087	HEATR2	0.0939235	0.648266	0.937592	-1.06656	0.152899	1.23959	1.23959	0.303994	0.861251	-1.1611	0.282706	1.16955	1.16955	0.479517	1.10612	1.10612	0.0372441	1.40392	1.40392	0.258052	1.18009	1.18009	0.0449893	0.724122	-1.38098	0.165335	0.81251	-1.23075	2.63095	0.820291	0.277142	1
cg02227503	ARSG;SLC16A6	0.0939239	0.0562061	0.422308	-2.36794	0.110568	0.500001	-1.99999	0.606928	0.813127	-1.22982	0.16235	0.551751	-1.81241	0.0161372	0.309308	-3.23302	0.587088	0.803654	-1.24432	0.018105	0.318463	-3.14008	0.0505956	0.411455	-2.4304	0.505301	0.763787	-1.30926	2.63095	6.62167	2.23719	1
cg15488794	BCL2L1;BCL2L1	0.093924	0.586526	0.80034	-1.24947	0.0618183	2.34664	2.34664	0.114365	2.00667	2.00667	0.471839	1.34556	1.34556	0.289207	0.640073	-1.56232	0.339248	1.49104	1.49104	0.0961672	2.09791	2.09791	0.00884484	3.86344	3.86344	0.608699	1.23294	1.23294	2.63095	6.85342	2.31549	1
cg06837746	CAV3;CAV3	0.0939258	0.322435	0.746683	-1.33926	0.692349	0.892564	-1.12037	0.994921	0.998182	-1.00182	0.0173469	0.436876	-2.28898	0.106801	0.604584	-1.65403	0.975671	0.991323	-1.00875	0.00563617	0.354037	-2.82457	0.486548	0.817052	-1.22391	0.701123	0.895642	-1.11652	2.63093	3.40341	1.14988	1
cg13807886	ADARB2	0.0939285	0.815247	0.940183	-1.06362	0.28984	0.748636	-1.33576	0.649791	1.12801	1.12801	0.48164	1.20741	1.20741	0.20547	1.42191	1.42191	0.0790515	1.67172	1.67172	0.00505122	2.65659	2.65659	0.110736	1.58083	1.58083	0.568725	1.16392	1.16392	2.63089	2.89351	0.977616	1
cg19240569	HRASLS2	0.0939288	0.135585	0.464537	-2.15268	0.0687759	0.378744	-2.6403	0.0679625	0.377409	-2.64965	0.185942	0.512492	-1.95125	0.0270158	0.287068	-3.4835	0.311424	0.60703	-1.64736	0.0386102	0.319211	-3.13273	0.227465	1.82928	1.82928	0.289295	0.591971	-1.68927	2.63089	9.46711	3.19862	1
cg18830042	GPR109B	0.0939292	0.205185	0.433742	-2.30552	0.436446	1.64233	1.64233	0.471833	1.57988	1.57988	0.526764	0.6698	-1.49298	0.0368892	0.219861	-4.54834	0.0661013	0.275743	-3.62656	0.0245999	0.187707	-5.32746	0.27143	0.488969	-2.04512	0.0560975	0.25871	-3.86534	2.63089	16.2714	5.49758	1
cg06624527	CD4	0.0939306	0.114361	0.47341	-2.11233	0.470461	0.726366	-1.37672	0.0291168	0.32638	-3.06392	0.0274453	0.321169	-3.11363	0.0304846	0.330479	-3.02591	0.218373	0.569072	-1.75725	?	?	?	0.641213	0.815173	-1.22673	0.0657005	0.406846	-2.45793	2.6608	7.10224	2.66921	1
cg16125762	STX6	0.0939329	0.112122	0.197435	-5.06495	0.905474	0.894574	-1.11785	0.097889	5.48977	5.48977	?	?	?	0.082836	0.165091	-6.05726	0.121618	0.207254	-4.82499	?	?	?	?	?	?	?	?	?	2.80718	21.7233	12.3816	1
cg19544026	ITM2B	0.0939329	0.977972	0.985869	-1.01433	0.14108	2.28223	2.28223	0.0626879	3.00357	3.00357	?	?	?	0.0233935	0.23781	-4.20504	0.0887829	0.374364	-2.67119	0.889183	1.07451	1.07451	0.634389	1.28046	1.28046	0.9614	0.975362	-1.02526	2.83249	10.3714	3.20388	1
cg06825849	LOC342346	0.0939332	0.921136	1.01854	1.01854	0.00424476	2.03357	2.03357	0.112255	1.3781	1.3781	0.316907	1.21154	1.21154	0.417178	1.16623	1.16623	0.417395	1.16615	1.16615	0.725508	0.936713	-1.06756	0.0323191	1.59176	1.59176	0.481096	1.14205	1.14205	2.63084	1.43324	0.484252	1
cg06799423	SLC30A7;EXTL2;EXTL2;SLC30A7	0.0939342	0.178145	0.809314	-1.23561	0.110702	0.773365	-1.29305	0.482945	0.89993	-1.1112	0.113293	0.775047	-1.29024	0.260105	0.840547	-1.1897	0.0135041	1.57166	1.57166	0.658953	0.93643	-1.06789	0.432912	1.12563	1.12563	0.343005	0.865491	-1.15541	2.63083	0.911093	0.307835	1
cg22896991	IGF2BP1;IGF2BP1	0.0939346	0.059022	0.258789	-3.86416	0.514289	1.52091	1.52091	0.250097	2.14261	2.14261	0.496946	1.54848	1.54848	0.374866	0.561318	-1.78152	0.754868	0.819895	-1.21967	0.898082	1.08464	1.08464	0.00694274	9.15824	9.15824	0.408067	1.71003	1.71003	2.63082	16.749	5.65907	1
cg20868668	SLC35A3	0.0939367	0.172452	0.386352	-2.58832	0.396028	0.565965	-1.76689	0.571543	0.687677	-1.45417	0.233234	0.44107	-2.26721	0.149336	0.36329	-2.75262	0.113016	0.323156	-3.09448	0.00830742	0.109747	-9.11186	0.0167459	0.147742	-6.76856	0.0916363	0.296301	-3.37495	2.6308	17.8703	6.03798	1
cg21572897	CD80	0.0939375	0.908912	1.03379	1.03379	0.135309	0.626604	-1.5959	0.196083	0.672367	-1.48728	0.25137	0.706119	-1.41619	0.00315164	0.309855	-3.22732	0.796822	0.927821	-1.07779	0.412259	1.27561	1.27561	0.484239	0.8135	-1.22926	0.238242	0.698582	-1.43147	2.63079	3.51299	1.18697	1
cg13071210	LOC100128164;SEC62;LOC100128164	0.0939389	0.397546	1.20857	1.20857	0.302012	1.26343	1.26343	0.871282	0.96516	-1.0361	0.00682987	0.464746	-2.15171	0.0468024	0.6079	-1.64501	0.363768	0.815377	-1.22643	0.177295	0.730833	-1.3683	0.375805	0.819741	-1.2199	0.730224	0.927096	-1.07864	2.63077	1.99255	0.673244	1
cg00137629	GUSB	0.0939389	0.197197	0.51177	-1.954	0.0339161	0.296183	-3.3763	0.20474	0.51813	-1.93002	0.0560265	0.345237	-2.89656	0.0609079	0.354158	-2.8236	0.933266	0.959683	-1.04201	0.0111567	0.209505	-4.77316	0.206283	0.519416	-1.92524	0.108805	0.423418	-2.36173	2.63077	10.06	3.3991	1
cg15717926	RFX6	0.093941	?	?	?	0.919492	1.07445	1.07445	0.570008	0.664149	-1.50569	0.357186	0.506956	-1.97256	0.887347	1.10593	1.10593	0.0209544	8.29819	8.29819	0.107217	3.63127	3.63127	0.0239704	7.72628	7.72628	0.569227	0.663583	-1.50697	3.07792	20.8131	5.07155	1
cg13808663	CTPS	0.0939414	0.317533	2.06774	2.06774	0.143005	3.02466	3.02466	0.46756	1.68157	1.68157	0.553771	1.52369	1.52369	0.218895	0.40286	-2.48225	0.395853	1.84294	1.84294	0.00438109	14.5195	14.5195	0.258427	2.29123	2.29123	0.105045	3.47422	3.47422	2.63074	20.5975	6.95959	1
cg20946805	BPESC1	0.0939418	0.51205	0.77738	-1.28637	0.0782079	2.09801	2.09801	0.0248385	0.363679	-2.74968	0.0694105	0.463388	-2.15802	0.140865	0.548911	-1.82179	0.383795	0.713058	-1.40241	0.411214	1.37467	1.37467	0.297088	0.66406	-1.50589	0.131654	0.539939	-1.85206	2.63074	5.97531	2.01897	1
cg16964716	TEX264;TEX264;TEX264	0.0939418	0.0799302	0.373465	-2.67763	0.120428	0.425776	-2.34866	0.156039	0.463353	-2.15818	0.642825	1.2671	1.2671	0.0152439	0.220796	-4.52907	0.0978739	0.398328	-2.5105	0.025122	0.259164	-3.85856	0.27456	0.56199	-1.77939	0.130752	0.437284	-2.28684	2.63074	10.7058	3.61733	1
cg01146875	SLC2A2	0.0939421	0.0750537	0.170876	-5.8522	0.72068	0.726155	-1.37712	0.436522	0.492897	-2.02882	0.0798962	5.65192	5.65192	0.167638	0.269602	-3.70917	0.371439	2.26578	2.26578	0.386581	0.453371	-2.2057	0.46647	0.516602	-1.93573	0.0240926	10.9964	10.9964	2.63073	33.0964	11.1828	1
cg02301651	RETSAT;ELMOD3;ELMOD3;RETSAT;ELMOD3;ELMOD3	0.0939455	0.111853	0.689132	-1.4511	0.984639	0.995869	-1.00415	0.360356	0.816921	-1.22411	0.154772	1.38746	1.38746	0.624382	1.11196	1.11196	0.964451	0.990462	-1.00963	0.00553013	0.45656	-2.19029	0.606999	1.11803	1.11803	0.468376	1.17193	1.17193	2.63069	1.92657	0.650973	1
cg18122392	CNGA3;CNGA3	0.0939455	0.01002	0.445633	-2.244	0.216577	1.38166	1.38166	0.0636555	0.595473	-1.67934	0.498691	0.843023	-1.18621	0.170115	0.695395	-1.43803	0.916034	0.97412	-1.02657	0.258115	1.34096	1.34096	0.544921	1.16455	1.16455	0.466009	0.831563	-1.20255	2.63069	2.57554	0.870254	1
cg10413136	SH3TC1	0.0939468	0.0824805	0.508498	-1.96657	0.0778524	0.50208	-1.99171	0.0583733	0.471391	-2.12138	0.0445275	0.444329	-2.25058	0.860287	0.939934	-1.0639	0.561209	0.813362	-1.22946	0.0912576	1.9232	1.9232	0.720371	1.13472	1.13472	0.133241	0.565798	-1.76742	2.63068	5.15107	1.74051	1
cg02460794	C21orf94	0.0939524	0.125068	0.603874	-1.65597	0.016781	0.412027	-2.42703	0.169486	0.64107	-1.55989	0.549397	0.831917	-1.20204	0.0345924	0.473053	-2.11393	0.0723824	0.543835	-1.83879	0.0427586	0.492375	-2.03097	0.544618	1.20476	1.20476	0.38178	0.761465	-1.31326	2.63061	3.84514	1.29928	1
cg07536910	EVX2	0.0939532	0.433587	1.87907	1.87907	0.962974	1.03732	1.03732	0.607309	1.50562	1.50562	0.0500592	5.83437	5.83437	0.220894	2.76178	2.76178	0.184011	3.04198	3.04198	0.173915	0.319204	-3.13279	0.00659068	16.1976	16.1976	0.462647	1.80435	1.80435	2.6306	25.9619	8.77262	1
cg16979622	AZI1;AZI1	0.0939549	0.366205	1.17692	1.17692	0.330079	1.19287	1.19287	0.171107	1.29139	1.29139	0.577382	1.10382	1.10382	0.220961	1.25331	1.25331	0.00292363	2.0491	2.0491	0.998043	1.00043	1.00043	0.282811	0.822151	-1.21632	0.470929	1.13735	1.13735	2.63058	1.28289	0.433497	1
cg02470874	PPM1L	0.0939568	0.18353	0.608723	-1.64278	0.682748	0.865399	-1.15554	0.188269	1.63304	1.63304	0.437714	1.32113	1.32113	0.0566006	0.46805	-2.13652	0.72808	0.88445	-1.13065	0.0179191	0.363465	-2.7513	0.0578693	0.470323	-2.1262	0.232368	0.643656	-1.55363	2.63056	5.15591	1.74223	1
cg17231418	ESX1	0.0939573	0.0840869	0.119773	-8.34915	0.102543	0.137578	-7.26863	0.54594	0.507357	-1.971	0.334411	3.0203	3.0203	0.0625548	10.2481	10.2481	0.254539	0.266882	-3.74698	?	?	?	0.0736277	9.15563	9.15563	0.93482	1.09507	1.09507	2.66047	46.1738	17.3555	1
cg00987558	NPW	0.0939618	0.282536	1.48093	1.48093	0.951115	0.978672	-1.02179	0.381176	0.729169	-1.37143	0.0391416	2.31501	2.31501	0.0496255	2.19807	2.19807	0.182672	1.64424	1.64424	0.0123397	2.99096	2.99096	0.357394	1.39491	1.39491	0.737878	0.8886	-1.12537	2.6305	5.15147	1.74077	1
cg10260440	SMOC1;SMOC1	0.0939626	0.101975	0.609907	-1.63959	0.0746831	0.577847	-1.73056	0.0442601	0.528187	-1.89327	0.743952	0.913444	-1.09476	0.018936	0.456108	-2.19246	0.202816	0.689778	-1.44974	0.366165	0.773787	-1.29235	0.646487	0.880237	-1.13606	0.0150537	0.43808	-2.28269	2.63049	3.17885	1.07419	1
cg10514638	PARK7;PARK7	0.0939638	0.829977	0.960013	-1.04165	0.0404899	1.56677	1.56677	0.592968	0.902674	-1.10782	0.633995	0.912996	-1.0953	0.356237	0.835205	-1.19731	0.010856	0.544975	-1.83495	0.110318	0.718748	-1.39131	0.320125	0.822869	-1.21526	0.648951	1.09087	1.09087	2.63047	1.50036	0.507	1
cg04742143	NOTCH4	0.0939685	0.0914646	0.445929	-2.24251	0.877965	0.935411	-1.06905	0.153479	0.514727	-1.94278	0.0313751	0.333831	-2.99553	0.0145324	0.270318	-3.69935	0.425656	0.70223	-1.42404	0.281174	0.614641	-1.62697	0.020417	0.296939	-3.36769	0.208918	0.562384	-1.77814	2.63042	7.86623	2.65821	1
cg03282745	UNC13B	0.0939725	0.0626426	0.503993	-1.98416	0.171222	0.620967	-1.61039	0.0948185	0.548569	-1.82293	0.311605	0.710084	-1.40828	0.0587922	0.497533	-2.00992	0.15339	0.606539	-1.6487	0.0106635	0.349953	-2.85753	0.0300463	0.434048	-2.30389	0.218637	0.654966	-1.5268	2.63037	4.45621	1.5059	1
cg12967723	SLC12A9;TRIP6	0.0939727	0.0753761	0.45046	-2.21995	0.0319073	0.363182	-2.75344	0.151208	0.538177	-1.85813	0.246139	0.613486	-1.63003	0.124394	0.511602	-1.95465	0.330393	0.667251	-1.49869	0.237307	0.607309	-1.64661	0.00630095	0.238526	-4.19241	0.113282	0.499458	-2.00217	2.63037	6.76014	2.28448	1
cg08163918	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0939746	0.570179	0.80527	-1.24182	0.77775	0.898703	-1.11271	0.625435	0.830533	-1.20405	0.115392	0.524121	-1.90796	0.00361074	0.226074	-4.42332	0.0275871	0.37408	-2.67323	0.271197	0.648982	-1.54088	0.438778	0.742253	-1.34725	0.610227	0.823627	-1.21414	2.63034	5.93453	2.00549	1
cg24686358	COL9A2	0.0939758	0.10474	0.669175	-1.49438	0.812238	0.947515	-1.05539	0.858762	0.960448	-1.04118	0.501674	0.85685	-1.16707	0.368382	0.811135	-1.23284	0.00780211	2.16799	2.16799	0.122361	1.4613	1.4613	0.594689	0.885446	-1.12937	0.365141	1.23469	1.23469	2.63033	2.13832	0.722621	1
cg02782369	PTGER1	0.0939768	0.0508829	12.5733	12.5733	0.0909928	8.32346	8.32346	0.589184	1.85994	1.85994	0.661243	0.605389	-1.65183	0.274648	0.274252	-3.64629	0.0993633	7.81474	7.81474	0.842365	0.797216	-1.25437	0.0117049	36.0572	36.0572	0.984365	1.02255	1.02255	2.63032	53.9683	18.238	1
cg21151963	HLA-DPB1	0.0939792	0.057324	0.317808	-3.14656	0.495179	0.691252	-1.44665	0.00948176	0.173363	-5.76825	0.66305	1.2633	1.2633	0.439044	1.52312	1.52312	0.140332	0.429249	-2.32965	0.051272	0.30628	-3.26498	0.527029	0.71057	-1.40732	0.815293	1.13287	1.13287	2.63029	11.8401	4.0013	1
cg22539670	OSBPL10	0.0939797	0.14792	0.446823	-2.23802	0.0600266	0.332534	-3.00721	0.0321975	0.272005	-3.6764	0.35607	0.611011	-1.63663	0.0322158	0.272056	-3.67572	0.104878	0.398622	-2.50864	0.0161097	0.21693	-4.60978	0.188729	0.485451	-2.05994	0.132615	0.430781	-2.32136	2.63028	11.2197	3.79163	1
cg05049335	RIN1;RIN1	0.0939802	0.174711	0.389636	-2.5665	0.391573	1.77382	1.77382	0.263614	2.14015	2.14015	0.138008	0.352472	-2.83711	0.13424	2.8703	2.8703	0.463287	0.614195	-1.62815	0.0247873	0.174686	-5.72455	0.0742461	0.272873	-3.66471	0.390202	0.562772	-1.77692	2.63028	17.759	6.00155	1
cg00287713	MYT1L	0.0939807	0.145717	0.711759	-1.40497	0.252844	0.771066	-1.29691	0.233748	0.762048	-1.31225	0.0335021	0.582341	-1.71721	0.0266568	0.564527	-1.77139	0.142143	0.709276	-1.40989	0.0973359	0.672981	-1.48593	0.0157761	0.525246	-1.90387	0.0772735	0.652099	-1.53351	2.63027	1.9739	0.66707	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02720691	RFC1	0.0939827	0.778855	0.922972	-1.08346	0.994569	1.00194	1.00194	0.633867	0.872301	-1.14639	0.515399	1.20658	1.20658	0.00871627	0.386114	-2.58991	0.874769	1.04593	1.04593	0.0114277	0.406061	-2.46269	0.739084	1.09985	1.09985	0.46475	0.80909	-1.23596	2.63025	3.37711	1.14129	1
cg16786808	EPHA4	0.0939847	0.0972921	5.25889	5.25889	0.176926	3.7035	3.7035	0.196941	3.47085	3.47085	0.187536	3.57557	3.57557	0.294584	2.69562	2.69562	0.032261	9.84876	9.84876	0.0224861	12.1037	12.1037	0.0168675	14.2883	14.2883	0.07647	6.03581	6.03581	2.63022	34.6643	11.7149	1
cg15469507	BAI2	0.0939862	0.34969	0.822714	-1.21549	0.0753474	0.666072	-1.50134	0.146032	0.727282	-1.37498	0.464524	0.860155	-1.16258	0.100486	0.691896	-1.4453	0.438337	0.852124	-1.17354	0.0034982	0.431501	-2.31749	0.782766	0.945727	-1.05739	0.789426	1.05553	1.05553	2.80305	1.77015	0.491173	1
cg02511809	APC;APC;APC	0.0939883	0.952447	1.00662	1.00662	0.862341	0.980977	-1.01939	0.630044	0.947708	-1.05518	0.193828	1.16433	1.16433	0.194444	1.16405	1.16405	0.193961	1.16427	1.16427	0.00896886	0.69226	-1.44454	0.10529	1.21635	1.21635	0.626821	1.05572	1.05572	2.63018	0.510162	0.172413	1
cg12222881	CNTNAP1;CCR10	0.0939889	0.952331	0.970751	-1.03013	0.0490371	3.05212	3.05212	0.0688139	2.74903	2.74903	0.282919	1.74023	1.74023	0.129506	2.25544	2.25544	0.138128	2.20953	2.20953	0.132736	2.23781	2.23781	0.00744676	5.53626	5.53626	0.115883	2.33635	2.33635	2.63018	10.2712	3.47122	1
cg11616777	SLC6A3	0.0939889	0.275344	0.654407	-1.5281	0.0195333	0.34836	-2.8706	0.464808	0.757326	-1.32044	0.811778	0.914721	-1.09323	0.164039	0.574165	-1.74166	0.01932	0.347457	-2.87806	0.164962	1.73927	1.73927	0.227713	0.623056	-1.60499	0.152132	0.563722	-1.77392	2.63017	5.81549	1.96539	1
cg06390585	YBX2	0.0939895	0.540247	1.35147	1.35147	0.117019	0.437296	-2.28678	0.00596693	0.174436	-5.73277	0.216535	0.531686	-1.88081	0.24163	0.551351	-1.81373	0.657348	0.805039	-1.24218	0.0645667	0.364745	-2.74164	0.251887	0.559086	-1.78863	0.49343	1.40195	1.40195	2.63017	9.82983	3.32208	1
cg06872381	DPPA3	0.0939896	0.278852	0.601208	-1.66332	0.0719656	0.403455	-2.47859	0.563015	0.767783	-1.30245	0.575312	0.774302	-1.29149	0.188955	0.533165	-1.87559	0.201099	1.8407	1.8407	0.117249	0.46352	-2.15741	0.00760834	0.212041	-4.71607	0.155082	0.502776	-1.98896	2.63017	8.50681	2.87496	1
cg25823578	PTGER2	0.0939909	0.85618	0.970934	-1.02994	0.411411	1.14633	1.14633	0.178484	0.792613	-1.26165	0.550969	0.906566	-1.10306	0.461845	1.12951	1.12951	0.487508	1.12152	1.12152	0.00475968	0.543658	-1.83939	0.182176	1.25888	1.25888	0.917078	1.01708	1.01708	2.63015	1.10118	0.372157	1
cg10356455	IDH1	0.0939931	0.528227	0.905257	-1.10466	0.103536	1.31959	1.31959	0.00663845	1.73111	1.73111	0.333058	1.16828	1.16828	0.108167	1.31391	1.31391	0.470868	1.12104	1.12104	0.304545	0.847364	-1.18013	0.452065	0.88751	-1.12675	0.884644	1.02287	1.02287	2.63012	1.01069	0.341576	1
cg11294750	GPC6	0.0939986	0.278693	0.408696	-2.44681	0.00270619	0.0371955	-26.885	0.0657599	0.193922	-5.15672	0.840489	0.852065	-1.17362	0.342052	0.459462	-2.17646	0.330587	0.450434	-2.22008	0.102839	0.242255	-4.12789	0.409216	0.511442	-1.95525	0.685596	0.723737	-1.38172	2.63006	26.2879	8.8846	1
cg23243902	SIDT2	0.0939988	0.314144	1.2008	1.2008	0.496045	1.12919	1.12919	0.78055	1.05032	1.05032	0.50902	1.12497	1.12497	0.342885	1.18741	1.18741	0.699264	1.07062	1.07062	0.0041147	0.508374	-1.96706	0.427384	1.15309	1.15309	0.222647	1.25267	1.25267	2.63006	1.28719	0.435036	1
cg03001901	ASF1B	0.0939989	0.250736	1.33042	1.33042	0.0241981	0.527672	-1.89512	0.152727	0.694661	-1.43955	0.142074	1.45568	1.45568	0.493146	1.18006	1.18006	0.0643646	0.609962	-1.63945	0.398576	0.81416	-1.22826	0.142699	0.687427	-1.4547	0.974048	1.00777	1.00777	2.63005	2.3572	0.796671	1
cg09009536	EPHA5;EPHA5	0.0940007	0.181716	1.33254	1.33254	0.0342936	1.64885	1.64885	0.243885	1.28007	1.28007	0.784955	1.05695	1.05695	0.712507	0.927787	-1.07783	0.0203125	1.76216	1.76216	0.0954639	0.690098	-1.44907	0.841882	1.04128	1.04128	0.159323	1.35605	1.35605	2.63003	1.70827	0.577354	1
cg25661931	ADCY5	0.0940007	0.736508	1.18648	1.18648	0.0203153	4.12238	4.12238	0.0763771	0.368541	-2.7134	0.655638	0.796714	-1.25516	0.310977	1.70023	1.70023	0.56385	1.3437	1.3437	0.0180646	4.28048	4.28048	0.742055	1.18203	1.18203	0.753535	1.1729	1.1729	2.63003	10.6786	3.60911	1
cg18064475	HCP5	0.0940022	0.132913	3.25469	3.25469	0.0247797	6.99489	6.99489	0.0311356	6.30422	6.30422	0.30395	2.1705	2.1705	0.0948086	3.80504	3.80504	0.480234	1.68593	1.68593	0.153296	3.04348	3.04348	0.365769	0.508463	-1.96671	0.0402751	5.6103	5.6103	2.63002	22.0678	7.45844	1
cg11929842	SYTL1	0.0940036	0.0321078	4.21819	4.21819	0.0360091	4.04894	4.04894	0.369877	1.69554	1.69554	0.406646	1.62699	1.62699	0.790338	0.858313	-1.16508	0.973604	0.981208	-1.01915	0.0977826	2.83353	2.83353	0.0298934	4.32742	4.32742	0.0348702	4.09565	4.09565	2.63	13.6937	4.62822	1
ch.17.79071R	SMYD4	0.094005	0.066361	0.691381	-1.44638	0.145345	0.755586	-1.32348	0.441328	0.868728	-1.15111	0.255277	0.808257	-1.23723	0.00289633	0.480007	-2.0833	0.676902	0.927643	-1.078	0.116425	0.736557	-1.35767	0.58374	0.905582	-1.10426	0.731813	0.940203	-1.0636	2.62998	1.3381	0.452254	1
cg26292028	MYO1H	0.0940051	0.336434	1.87869	1.87869	0.032499	4.9155	4.9155	0.0645868	3.74641	3.74641	0.613419	1.3828	1.3828	0.231105	2.22375	2.22375	0.230538	2.22613	2.22613	0.0108746	7.64731	7.64731	0.0456893	4.29572	4.29572	0.0767244	3.49905	3.49905	2.62998	16.8604	5.69853	1
cg03483267	FERMT1	0.0940057	0.0622047	0.280412	-3.56618	0.057794	3.66631	3.66631	0.0420297	0.241959	-4.13292	0.686475	0.782105	-1.2786	0.0925661	0.325931	-3.06814	0.803152	0.859616	-1.16331	0.177789	0.42007	-2.38056	0.51014	0.667227	-1.49874	0.285668	1.95736	1.95736	2.62998	15.279	5.16407	1
cg13376143	RAD54B	0.0940062	0.0445791	0.331669	-3.01506	0.301833	0.599373	-1.66841	0.105871	0.429471	-2.32845	0.88298	0.931947	-1.07302	0.0109907	0.217234	-4.60334	0.040037	0.321242	-3.11292	0.666329	1.2307	1.2307	0.954674	0.973168	-1.02757	0.143761	0.471595	-2.12046	2.62997	9.5377	3.2236	1
cg02016065	C3orf55;C3orf55;C3orf55	0.0940065	0.0691226	0.61596	-1.62348	0.632992	0.891698	-1.12146	0.0393646	0.566693	-1.76462	0.510988	0.853121	-1.17217	0.417139	0.820717	-1.21845	0.00535789	0.417338	-2.39614	0.534257	1.16181	1.16181	0.731525	0.921216	-1.08552	0.885727	1.03486	1.03486	2.62996	2.36471	0.799237	1
cg14622330	DAXX;DAXX;DAXX;DAXX	0.0940082	0.117971	0.764765	-1.30759	0.289716	1.18959	1.18959	0.0452594	1.43745	1.43745	0.14234	0.779452	-1.28295	0.290046	0.840735	-1.18944	0.059212	0.714262	-1.40005	0.706626	1.06156	1.06156	0.459773	1.12626	1.12626	0.211652	1.23106	1.23106	2.62994	1.03957	0.351362	1
cg22349126	LYRM5;CASC1;CASC1;LYRM5;CASC1	0.0940086	0.852401	1.0526	1.0526	0.0665427	0.56764	-1.76168	0.0226312	0.471789	-2.11959	0.0956201	0.60421	-1.65505	0.470764	0.817146	-1.22377	0.604611	1.15461	1.15461	0.0524791	1.83472	1.83472	0.653517	1.13242	1.13242	0.834989	0.944206	-1.05909	2.62994	3.15528	1.06645	1
cg25107978	MBD6	0.0940113	0.0563214	0.889286	-1.1245	0.207942	1.07475	1.07475	0.789485	0.985577	-1.01463	0.99178	1.00056	1.00056	0.177305	1.08096	1.08096	0.356851	1.0528	1.0528	0.0342514	0.874489	-1.14352	0.365155	1.05182	1.05182	0.0809995	1.11076	1.11076	2.62991	0.122784	0.0415	1
cg00191629	IRS2	0.0940114	0.907512	1.02795	1.02795	0.119015	0.66941	-1.49385	0.958652	1.01237	1.01237	0.108407	0.660055	-1.51502	0.450239	1.20021	1.20021	0.622079	0.888824	-1.12508	0.00373855	0.395051	-2.53132	0.82307	1.05456	1.05456	0.748185	1.0794	1.0794	2.62991	2.34377	0.792178	1
cg05412896	USP4;USP4	0.0940115	0.54189	0.884477	-1.13061	0.0931391	1.44374	1.44374	0.0648484	1.51019	1.51019	0.430267	1.17358	1.17358	0.692553	0.924031	-1.08221	0.95962	1.01012	1.01012	0.0107928	0.529039	-1.89022	0.749424	1.06578	1.06578	0.345846	1.2129	1.2129	2.6299	1.64638	0.556465	1
cg02090762	FSCN2;FSCN2	0.0940117	0.0310963	8.92299	8.92299	0.0392409	7.87236	7.87236	0.271417	2.69204	2.69204	0.11492	4.40492	4.40492	0.118013	4.341	4.341	0.0810495	5.3286	5.3286	0.124109	4.22199	4.22199	0.0212573	10.9671	10.9671	0.0587481	6.33805	6.33805	2.6299	31.1605	10.532	1
cg06058828	PHF21A;PHF21A	0.0940119	0.419077	0.654408	-1.5281	0.0290043	0.266631	-3.7505	0.0875385	0.379593	-2.6344	0.0951231	2.56468	2.56468	0.239811	0.531459	-1.88161	0.918644	1.05387	1.05387	0.522925	0.717111	-1.39448	0.0666161	2.8757	2.8757	0.522193	0.716679	-1.39532	2.6299	10.9862	3.71328	1
cg11658304	WARS;WDR25;WARS;WDR25;WDR25;WARS;WARS	0.0940146	0.10054	1.5003	1.5003	0.0952592	1.51186	1.51186	0.396897	1.21607	1.21607	0.730325	0.924938	-1.08115	0.294761	0.782675	-1.27767	0.342697	0.802162	-1.24663	0.0306368	1.77306	1.77306	0.0946236	1.51329	1.51329	0.182698	0.726966	-1.37558	2.62987	2.11804	0.715891	1
cg27022324	PLEKHG4B	0.0940174	0.0421771	0.636845	-1.57024	0.713621	1.07364	1.07364	0.278915	0.804913	-1.24237	0.148731	0.741887	-1.34791	0.051633	0.652454	-1.53268	0.222247	1.28054	1.28054	0.0740203	1.46788	1.46788	0.450551	0.862257	-1.15975	0.272891	0.802534	-1.24605	2.62983	1.54781	0.523163	1
cg14774117	SPATS1	0.094018	0.0184815	0.221195	-4.52089	0.180425	0.471887	-2.11915	0.0201206	0.227566	-4.39433	0.21274	0.500104	-1.99958	0.0876596	0.369568	-2.70586	0.6322	1.28997	1.28997	0.0916062	0.375005	-2.66663	0.136278	0.42845	-2.33399	0.120407	0.410875	-2.43383	2.62983	11.6121	3.92493	1
cg01547809	TUSC2	0.0940182	0.0451505	0.213085	-4.69297	0.0994067	0.296739	-3.36997	0.790157	0.835767	-1.19651	0.189582	0.392707	-2.54642	0.0222515	0.158317	-6.31644	0.0750657	0.263575	-3.79399	0.0186611	0.146913	-6.80674	0.171271	0.375367	-2.66406	0.118193	0.319467	-3.13021	2.62983	18.8461	6.37005	1
cg08166272	IRS1	0.0940206	0.369388	0.595651	-1.67884	0.573377	1.37681	1.37681	0.670089	1.27233	1.27233	0.666242	1.27619	1.27619	0.395026	0.612886	-1.63162	0.533569	0.701614	-1.42529	0.860201	0.905675	-1.10415	0.00253714	10.5342	10.5342	0.488151	1.48561	1.48561	2.6298	13.1556	4.44667	1
ch.6.3213513F	PARK2;PARK2;PARK2	0.0940206	0.59196	0.69169	-1.44573	0.566897	1.4834	1.4834	0.533229	0.650546	-1.53717	0.00220469	0.0537442	-18.6066	0.695674	1.30712	1.30712	0.127675	0.325583	-3.07142	0.435468	0.581539	-1.71958	0.72239	0.78425	-1.2751	0.490354	0.62044	-1.61176	2.6298	19.3319	6.53431	1
cg02716792	CMIP	0.0940216	0.231215	0.450574	-2.21939	0.310818	0.513913	-1.94586	0.526754	1.50252	1.50252	0.530285	0.667922	-1.49718	0.0247542	0.183244	-5.45721	0.317252	0.518759	-1.92768	0.0103682	0.128789	-7.76466	0.0571165	0.255021	-3.92125	0.130674	0.354812	-2.81839	2.62978	16.785	5.67348	1
cg23354319	ING4;ING4;ING4;ING4;ING4;ING4	0.0940223	0.689405	0.792196	-1.26231	0.896338	1.07851	1.07851	0.181921	2.27406	2.27406	0.00725683	0.134215	-7.45071	0.723424	0.813808	-1.22879	0.566493	1.39931	1.39931	0.313563	0.546419	-1.8301	0.195212	2.21312	2.21312	0.148196	2.45809	2.45809	2.62978	14.0033	4.73326	1
cg06216103	GALNT9	0.094028	0.141348	0.41879	-2.38783	0.836677	0.892623	-1.12029	0.0173331	0.202955	-4.92719	0.304569	0.557058	-1.79515	0.0310752	0.248408	-4.02564	0.785615	0.860676	-1.16188	0.0511299	0.294552	-3.39498	0.5942	0.743855	-1.34435	0.025233	0.231227	-4.32476	2.62971	12.6121	4.2631	1
cg15796978	LHCGR	0.0940314	0.270711	1.85662	1.85662	0.967817	1.02201	1.02201	0.744018	1.19339	1.19339	0.800506	1.14639	1.14639	0.511823	1.4319	1.4319	0.884058	1.08192	1.08192	0.866192	1.09526	1.09526	0.00213056	10.2659	10.2659	0.0743525	2.92353	2.92353	2.62967	12.1252	4.09859	1
cg14158363	KIAA0947	0.0940321	0.129739	0.828452	-1.20707	0.739598	1.0391	1.0391	0.628999	0.945563	-1.05757	0.0090962	0.683138	-1.46383	0.709489	1.04397	1.04397	0.171912	0.84603	-1.18199	0.290493	0.8815	-1.13443	0.313202	0.886977	-1.12743	0.0816442	1.24842	1.24842	2.62966	0.550578	0.186109	1
cg04453792	USP31	0.0940345	0.0263735	0.367093	-2.7241	0.90306	1.04746	1.04746	0.512701	0.776732	-1.28745	0.538112	0.788809	-1.26773	0.0842359	0.483387	-2.06874	0.43975	0.740916	-1.34968	0.00755519	0.270393	-3.69832	0.81282	1.09447	1.09447	0.0881366	0.488637	-2.04651	2.62963	6.03152	2.03882	1
cg06346974	DNAJC6	0.0940353	?	?	?	0.0293597	0.0968195	-10.3285	0.820084	0.817093	-1.22385	0.459032	1.95465	1.95465	0.192324	0.291094	-3.43531	0.444127	2.00101	2.00101	0.13466	4.24873	4.24873	0.187301	3.49071	3.49071	0.0675431	6.34896	6.34896	2.83107	30.6626	9.4769	1
cg23421128	NOS1	0.0940359	0.114279	4.08035	4.08035	0.394617	0.489814	-2.04159	0.345973	2.21331	2.21331	0.795689	1.23665	1.23665	0.19273	0.323525	-3.09095	0.131476	0.263713	-3.792	0.0856138	0.211117	-4.73671	0.0393639	7.03711	7.03711	0.226937	0.354009	-2.82479	2.62961	27.9073	9.43352	1
cg16788179	SNW1	0.0940397	0.906844	1.01481	1.01481	0.0181114	0.697387	-1.43392	0.0794687	0.783136	-1.27692	0.42167	1.10857	1.10857	0.193809	0.841437	-1.18844	0.389242	1.11717	1.11717	0.0582457	1.30834	1.30834	0.644531	1.06007	1.06007	0.990314	1.00153	1.00153	2.62957	0.656708	0.221991	1
cg13240311	PKIG;PKIG;PKIG	0.0940397	0.553163	0.870561	-1.14868	0.347093	0.799547	-1.25071	0.638647	1.11548	1.11548	0.0791342	0.637364	-1.56896	0.320679	0.788922	-1.26755	0.028801	0.551152	-1.81438	0.00746556	0.451156	-2.21653	0.182838	0.721357	-1.38628	0.760035	1.07335	1.07335	2.62957	2.22353	0.751634	1
cg21504505	C4orf6	0.094045	0.117943	0.296367	-3.3742	0.0103256	0.0987969	-10.1218	0.0843521	0.254682	-3.92646	0.88945	0.905175	-1.10476	0.0331318	0.167913	-5.95547	0.471512	0.591755	-1.68989	0.0608458	0.220092	-4.54355	0.0802782	0.249091	-4.0146	0.432653	0.563484	-1.77467	2.62951	21.3703	7.22409	1
cg15890143	NGB	0.0940469	0.0484175	23.4581	23.4581	0.0876276	13.9866	13.9866	0.224961	5.94939	5.94939	0.238683	5.62204	5.62204	0.11467	11.0287	11.0287	0.141867	9.11357	9.11357	0.00870902	107.469	107.469	0.0344746	31.518	31.518	0.219814	6.08165	6.08165	2.62948	81.53	27.561	1
cg01353448	C7orf16;C7orf16;C7orf16;C7orf16	0.0940477	0.275574	0.55387	-1.80548	0.00683348	0.161216	-6.20286	0.145471	0.442992	-2.25738	0.549014	0.729179	-1.3714	0.0946507	0.384093	-2.60354	0.650211	0.788363	-1.26845	0.0266705	0.254607	-3.92762	0.0663552	0.342116	-2.92298	0.278057	0.555694	-1.79955	2.62947	11.2994	3.81973	1
cg25107791	CLPS	0.0940482	0.821492	0.936268	-1.06807	0.109798	0.601712	-1.66192	0.00561582	0.346651	-2.88475	0.962726	0.986474	-1.01371	0.0416998	0.504518	-1.98209	0.337245	1.33416	1.33416	0.300251	0.731391	-1.36726	0.387699	0.772597	-1.29434	0.562976	0.843316	-1.1858	2.62947	3.53629	1.19544	1
cg03742567	CLP1;CLP1	0.0940484	0.0474539	0.537336	-1.86103	0.68653	1.11755	1.11755	0.703627	1.11038	1.11038	0.653982	0.883742	-1.13155	0.01392	0.435086	-2.2984	0.861306	0.953227	-1.04907	0.018759	0.458356	-2.18171	0.18915	0.683149	-1.46381	0.949109	0.982668	-1.01764	2.62947	3.12484	1.05635	1
cg12421087	C10orf110;C10orf110;C10orf110;C10orf110	0.0940512	0.770304	1.40007	1.40007	0.176992	0.192156	-5.20411	0.402076	2.67973	2.67973	0.9059	1.1456	1.1456	0.0708139	10.1786	10.1786	0.918166	1.12539	1.12539	0.116482	0.140784	-7.10306	0.0373825	16.0656	16.0656	0.0390995	15.5582	15.5582	2.62943	55.0192	18.5994	1
cg00495515	MYNN;MYNN	0.0940555	0.685065	1.13714	1.13714	0.139256	0.605573	-1.65133	0.393698	0.75928	-1.31704	0.336131	0.731536	-1.36699	0.017282	0.400893	-2.49443	0.252414	0.686035	-1.45765	0.146606	0.611948	-1.63412	0.040148	2.11161	2.11161	0.584588	0.840286	-1.19007	2.62938	4.13736	1.39868	1
cg13192880	CRYGC;CRYGC	0.0940561	0.447327	0.791547	-1.26335	0.589833	0.848515	-1.17853	0.020517	0.430636	-2.32215	0.230518	1.46181	1.46181	0.307087	0.726775	-1.37594	0.798219	0.925589	-1.08039	0.0157116	0.409175	-2.44394	0.270572	1.41374	1.41374	0.276017	0.710334	-1.40779	2.62937	3.7939	1.28257	1
cg26005766	TPD52L1;TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0940564	0.0790908	20.5111	20.5111	0.0363811	43.3505	43.3505	0.138006	11.8784	11.8784	0.937846	1.12845	1.12845	0.719105	0.571426	-1.75001	0.100725	16.2105	16.2105	0.257973	6.22781	6.22781	0.0134081	114.984	114.984	0.0692145	23.3353	23.3353	2.62937	99.983	33.8004	1
cg18878150	ZNF653	0.094057	0.0577916	1.97249	1.97249	0.221696	1.50192	1.50192	0.622859	0.854726	-1.16997	0.288846	1.41718	1.41718	0.0466653	0.486096	-2.05721	0.40387	0.763007	-1.3106	0.133602	1.66924	1.66924	0.0946284	1.7892	1.7892	0.155873	1.61736	1.61736	2.62936	4.176	1.41175	1
cg02431732	SERHL	0.0940583	0.720732	1.13949	1.13949	0.220941	0.626195	-1.59695	0.140436	0.561637	-1.78051	0.493552	1.2878	1.2878	0.0464338	0.436147	-2.29281	0.202556	1.63134	1.63134	0.0200797	0.360474	-2.77413	0.854043	1.06929	1.06929	0.104436	0.524309	-1.90727	2.62935	5.51075	1.86299	1
cg02060902	XKR5;XKR5	0.0940596	0.117634	1.87129	1.87129	0.0105525	0.305364	-3.27478	0.86094	0.937392	-1.06679	0.645708	1.18612	1.18612	?	?	?	0.755455	0.891186	-1.1221	?	?	?	0.300711	0.6734	-1.485	0.263557	1.53688	1.53688	2.69625	4.51579	1.9141	1
cg21839138	C15orf48;C15orf48	0.09406	0.0260467	28.5532	28.5532	0.0621718	14.3625	14.3625	0.104914	9.47631	9.47631	0.140841	7.46464	7.46464	0.057086	15.3628	15.3628	0.341713	3.46693	3.46693	0.225119	5.03703	5.03703	0.0180119	38.3522	38.3522	0.0596628	14.8371	14.8371	2.62933	67.065	22.6725	1
cg18093635	EMR2;EMR2;EMR2;EMR2;EMR2;EMR2;EMR2	0.09406	0.194643	0.44173	-2.26383	0.0413181	0.246208	-4.06161	0.0206038	0.190011	-5.26286	0.488074	0.657369	-1.52121	0.0211769	0.19198	-5.20889	0.263982	0.499866	-2.00053	0.0318684	0.223619	-4.4719	0.153668	0.402645	-2.48358	0.198635	0.445311	-2.24562	2.62933	14.7688	4.99285	1
cg05392777	MGAT4C	0.0940631	0.22173	1.87728	1.87728	0.013179	4.51349	4.51349	0.174966	2.02878	2.02878	0.954565	1.02833	1.02833	0.317161	1.66045	1.66045	0.874595	0.925471	-1.08053	0.194093	1.96153	1.96153	0.00994853	4.93555	4.93555	0.134627	2.20566	2.20566	2.62929	10.014	3.38544	1
cg08675176	ALG12;CRELD2;CRELD2	0.0940652	0.86411	0.978086	-1.0224	0.739071	0.957682	-1.04419	0.0320958	0.722702	-1.3837	0.0243212	0.706664	-1.4151	0.265197	1.16206	1.16206	0.0594943	0.759465	-1.31672	0.0619732	0.761963	-1.3124	0.772488	1.03821	1.03821	0.345082	0.8818	-1.13404	2.62927	0.696746	0.235552	1
cg02511723	MAP1B	0.0940652	0.666744	0.842586	-1.18682	0.490789	1.31878	1.31878	0.745668	0.879263	-1.13732	0.017098	3.15564	3.15564	0.087136	0.473872	-2.11027	0.528315	1.28734	1.28734	0.347995	0.682485	-1.46523	0.0324346	2.69128	2.69128	0.545809	1.2734	1.2734	2.62927	6.50886	2.20048	1
cg00351011	LASS4	0.0940678	?	?	?	0.120846	1.38658	1.38658	0.00765593	1.94648	1.94648	0.967733	0.992172	-1.00789	0.338312	1.21139	1.21139	0.512687	1.13769	1.13769	0.179113	0.757838	-1.31954	0.130041	1.374	1.374	0.343264	1.20888	1.20888	2.65912	1.41314	0.531432	1
cg17332369	FBLIM1;FBLIM1	0.0940706	0.745393	0.937744	-1.06639	0.785105	0.947508	-1.0554	0.209422	0.770288	-1.29822	0.0233515	0.58592	-1.70672	0.0108738	0.532155	-1.87915	0.34826	0.826536	-1.20987	0.366544	1.20082	1.20082	0.555263	0.888954	-1.12492	0.0574743	0.654513	-1.52785	2.6292	1.62063	0.547907	1
cg14001049	KIF26A	0.0940721	0.208866	0.673256	-1.48532	0.928703	1.02709	1.02709	0.377492	0.763043	-1.31054	0.184041	0.656483	-1.52327	0.0500012	0.512993	-1.94934	0.185046	0.657191	-1.52163	0.00368202	0.309611	-3.22986	0.860492	1.05394	1.05394	0.378167	0.763351	-1.31001	2.62918	3.71393	1.25562	1
cg24435866	ZBTB7B	0.0940733	0.358848	1.091	1.091	0.0947604	1.18473	1.18473	0.773347	0.973695	-1.02702	0.969178	0.99644	-1.00357	0.585192	1.0522	1.0522	0.23444	1.12194	1.12194	0.0125762	0.750898	-1.33174	0.627657	0.955883	-1.04615	0.0635871	1.21232	1.21232	2.62917	0.354846	0.119969	1
cg24010903	T-SP1	0.0940772	0.0353724	0.396733	-2.52059	0.896631	1.05027	1.05027	0.0149709	0.323435	-3.09181	0.177492	0.582298	-1.71733	0.0498538	0.429971	-2.32574	0.295003	0.663787	-1.50651	0.0730146	0.470249	-2.12653	0.101563	0.508455	-1.96674	0.877364	1.06	1.06	2.62912	5.92845	2.00437	1
cg24937269	PDCL3;PDCL3	0.0940775	0.699376	1.03544	1.03544	0.308732	0.909771	-1.09918	0.283412	1.10521	1.10521	0.385644	0.92327	-1.08311	0.556672	1.05481	1.05481	0.45726	1.07031	1.07031	0.00560208	0.721452	-1.38609	0.997004	1.00034	1.00034	0.133255	1.15648	1.15648	2.62912	0.335493	0.113428	1
cg21839338	FAM18A	0.0940783	0.361889	1.2326	1.2326	0.00969955	2.07538	2.07538	0.584871	1.13099	1.13099	0.115995	1.46404	1.46404	0.215148	0.747407	-1.33796	0.158347	1.40004	1.40004	0.639662	0.900128	-1.11095	0.593457	0.88671	-1.12776	0.0740746	1.55922	1.55922	2.62911	2.07333	0.700982	1
cg12072532	TTLL5;C14orf1	0.0940788	0.111442	0.526862	-1.89803	0.797848	1.09951	1.09951	0.940984	0.973005	-1.02774	0.675694	0.855982	-1.16825	0.879921	1.05746	1.05746	0.402128	1.37291	1.37291	0.476506	1.30678	1.30678	0.0212822	0.359472	-2.78186	0.020412	2.80908	2.80908	2.6291	5.68829	1.92319	1
ch.1.1603567F	MRPL37	0.0940794	0.00634582	0.394079	-2.53757	0.260949	0.73546	-1.35969	0.0186993	0.473843	-2.11041	0.0613972	0.575615	-1.73727	0.250967	0.730261	-1.36937	0.828539	0.944744	-1.05849	0.505567	0.837749	-1.19368	0.575985	0.862366	-1.1596	0.732066	0.913869	-1.09425	2.6291	2.85984	0.966902	1
cg06128920	ATAD3A;ATAD3A;ATAD3A	0.0940795	0.905501	0.990813	-1.00927	0.494294	1.05542	1.05542	0.333084	1.08069	1.08069	0.51978	1.05202	1.05202	0.334668	1.08039	1.08039	0.245232	0.909863	-1.09907	0.00445188	0.744625	-1.34296	0.3527	0.928373	-1.07715	0.472291	1.05846	1.05846	2.6291	0.251496	0.0850299	1
cg17009836	CGB	0.0940809	0.100204	0.436022	-2.29346	0.268668	0.588041	-1.70056	0.0344688	0.320903	-3.11621	0.923444	1.04529	1.04529	0.165043	0.505333	-1.97889	0.159047	0.499733	-2.00107	0.00930422	0.218583	-4.57493	0.0514282	0.359865	-2.77882	0.186422	0.524378	-1.90702	2.62908	8.8443	2.99025	1
cg22575347	CYP21A2;CYP21A2	0.094082	0.079271	0.506318	-1.97504	0.0247814	0.393148	-2.54357	0.189446	0.615339	-1.62512	0.136467	0.570948	-1.75147	0.0338386	0.420816	-2.37634	0.771578	1.10704	1.10704	0.0828668	0.511252	-1.95598	0.0284771	0.405287	-2.46739	0.365236	0.722528	-1.38403	2.62907	5.08147	1.71805	1
cg17277529	FGF3;FGF3	0.0940826	0.140668	0.734266	-1.3619	0.0320731	0.612979	-1.63138	0.769159	0.944256	-1.05903	0.848647	1.03794	1.03794	0.714311	0.930848	-1.07429	0.517645	1.13638	1.13638	0.0505493	1.54389	1.54389	0.0436389	1.5716	1.5716	0.693222	0.925634	-1.08034	2.62906	1.58175	0.534793	1
cg16456919	LRRN2;LRRN2	0.0940833	0.362806	0.612811	-1.63182	0.727524	1.20098	1.20098	0.258645	1.85349	1.85349	0.881532	0.924893	-1.08121	0.00799502	0.168683	-5.92827	0.216159	0.505876	-1.97677	0.247988	0.53135	-1.882	0.0283043	0.257796	-3.87904	0.616161	0.767492	-1.30295	2.62905	11.414	3.85909	1
cg07081418	ADARB2	0.0940833	0.24196	2.21761	2.21761	0.512773	0.64942	-1.53984	0.669196	1.32247	1.32247	0.229517	2.27037	2.27037	0.125614	2.93845	2.93845	0.796223	0.845109	-1.18328	0.0148348	0.142394	-7.02278	0.102359	3.19791	3.19791	0.259251	0.465154	-2.14982	2.62905	17.6087	5.95354	1
cg04141094	SPTBN1;SPTBN1	0.0940839	0.0709585	0.295362	-3.38567	0.952606	1.03658	1.03658	0.0703027	3.39754	3.39754	0.112953	0.352419	-2.83753	0.058867	3.63221	3.63221	0.26002	0.491519	-2.03451	0.125574	0.3671	-2.72405	0.389867	0.587043	-1.70345	0.731366	0.81194	-1.23162	2.62904	15.2165	5.14474	1
cg18359921	MCCC2;MCCC2	0.0940856	0.636591	1.05217	1.05217	0.856609	0.980857	-1.01952	0.17015	1.16897	1.16897	0.0416909	0.778099	-1.28518	0.0392487	1.29034	1.29034	0.191152	0.862518	-1.1594	0.0940431	0.821408	-1.21742	0.480926	1.07957	1.07957	0.450853	1.08556	1.08556	2.62902	0.475473	0.16076	1
cg15046675	CD37;CD37;CD37;CD37	0.0940863	0.117274	0.562159	-1.77885	0.895432	0.956459	-1.04552	0.00901158	0.32496	-3.0773	0.15682	0.598902	-1.66972	0.0329182	0.429724	-2.32707	0.755496	0.89965	-1.11154	0.863197	1.06012	1.06012	0.698114	0.876385	-1.14105	0.0456849	0.460418	-2.17194	2.62902	4.77197	1.61344	1
cg07088935	TPO;TPO;TPO;TPO	0.0940884	0.0937035	0.193666	-5.16352	0.0482037	0.133892	-7.46872	0.138329	0.24147	-4.1413	0.17863	0.280106	-3.57008	0.0563442	0.14596	-6.85121	0.159535	0.262196	-3.81394	0.0162009	0.0728595	-13.725	0.0414224	0.123122	-8.12199	0.0743328	0.170192	-5.87571	2.62899	33.0236	11.1656	1
cg00442430	CD37;CD37	0.0940894	0.0611886	3.02677	3.02677	0.151228	2.24203	2.24203	0.073171	2.85487	2.85487	0.108823	2.50456	2.50456	0.878136	0.922607	-1.08389	0.254535	1.86744	1.86744	0.0228615	4.17675	4.17675	0.493402	0.694092	-1.44073	0.0345032	3.64872	3.64872	2.62898	11.4752	3.87989	1
cg01769553	KIAA1409	0.0940901	0.01675	0.266177	-3.75689	0.0358839	0.330675	-3.02411	0.429586	0.693836	-1.44126	0.161512	0.507758	-1.96944	0.0330557	0.323101	-3.09501	0.351926	0.647749	-1.54381	0.132063	0.47863	-2.0893	0.364095	1.52621	1.52621	0.271463	0.595138	-1.68028	2.62897	8.55615	2.89295	1
cg22376661	SLC12A9	0.0940911	0.397519	0.884066	-1.13114	0.41816	0.888982	-1.12488	0.753808	1.04577	1.04577	0.547869	1.09035	1.09035	0.0162765	0.658421	-1.51878	0.389853	0.882201	-1.13353	0.165429	0.810233	-1.23421	0.0361352	0.707078	-1.41427	0.107079	1.2843	1.2843	2.62896	0.842401	0.284828	1
cg02394186	KCNAB2;KCNAB2	0.0940917	0.0154253	0.116237	-8.60314	0.0860306	0.253216	-3.94919	0.159882	0.337117	-2.96633	0.332855	0.485156	-2.06119	0.0322504	0.162728	-6.14522	0.757065	0.798784	-1.2519	0.0197671	0.130286	-7.67545	0.346766	0.495836	-2.0168	0.139958	0.316689	-3.15767	2.62895	21.828	7.38038	1
cg16713465	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0940919	0.00597844	0.235303	-4.24984	0.0970045	0.480254	-2.08223	0.692942	0.852314	-1.17328	0.446892	0.731867	-1.36637	0.0560752	0.418416	-2.38997	0.898144	1.05292	1.05292	0.139243	0.526888	-1.89794	0.895431	1.05438	1.05438	0.078633	0.45544	-2.19568	2.62895	6.75051	2.28245	1
cg03906075	SNORD93	0.0940946	0.398231	0.753297	-1.3275	0.879422	0.951495	-1.05098	0.153203	1.65032	1.65032	0.135346	0.590249	-1.6942	0.798882	1.08722	1.08722	0.478044	0.789583	-1.26649	0.0535058	2.05089	2.05089	0.0566698	0.493326	-2.02706	0.0491168	0.479179	-2.0869	2.62892	4.46663	1.51026	1
cg21714266	GRM1;GRM1	0.0940979	0.375037	0.576464	-1.73471	0.219727	2.18314	2.18314	0.856302	0.896132	-1.11591	0.128613	2.70114	2.70114	0.128748	0.370366	-2.70004	0.31349	1.87894	1.87894	0.814456	0.86742	-1.15284	0.00789356	7.85934	7.85934	0.346458	1.79782	1.79782	2.62888	15.2403	5.15312	1
cg20750606	SAP18	0.0940986	0.10939	0.52792	-1.89423	0.211297	1.61923	1.61923	0.240042	1.56862	1.56862	0.135153	1.80291	1.80291	0.191331	0.602736	-1.6591	0.0261969	0.38089	-2.62543	0.277133	0.661237	-1.51232	0.901375	0.955643	-1.04642	0.186439	0.598951	-1.66959	2.62887	5.57611	1.88543	1
cg14668975	LONP1	0.0940989	0.12619	0.623559	-1.6037	0.107405	0.605561	-1.65136	0.0925516	0.589541	-1.69624	0.550143	0.841488	-1.18837	0.0146155	0.423872	-2.3592	0.0448219	0.5182	-1.92976	0.355167	1.31195	1.31195	0.0767911	0.570179	-1.75384	0.546029	0.839952	-1.19054	2.62887	3.3927	1.14716	1
cg11263235	CORO1C	0.0941004	0.219492	0.876153	-1.14135	0.562105	1.06186	1.06186	0.820794	1.0235	1.0235	0.874046	0.983887	-1.01638	0.00680675	1.43193	1.43193	0.0769462	0.817591	-1.22311	0.391676	0.914057	-1.09402	0.545921	0.939339	-1.06458	0.405259	0.916502	-1.09111	2.62885	0.436532	0.147604	1
cg20966549	NAV2;NAV2;NAV2	0.0941012	0.063847	0.172248	-5.80557	0.0176924	0.0875256	-11.4252	0.187175	0.307172	-3.25551	0.162709	0.284152	-3.51924	0.0538141	0.157469	-6.35047	0.112944	0.233014	-4.29158	0.0486558	0.149366	-6.69496	0.041806	0.137944	-7.24933	0.109075	0.228703	-4.37248	2.62884	29.6793	10.0355	1
cg23616139	HLX	0.0941018	0.0873155	0.412411	-2.42477	0.915117	0.951203	-1.0513	0.274076	0.586247	-1.70576	0.445723	1.44013	1.44013	0.216783	1.84008	1.84008	0.0293795	0.30001	-3.33322	0.0251497	0.286623	-3.48891	0.762692	1.15269	1.15269	0.45287	1.43163	1.43163	2.62883	9.16653	3.09949	1
cg17190685	C11orf88;C11orf88	0.0941029	0.0512709	2.08744	2.08744	0.446588	0.773185	-1.29335	0.150409	0.599821	-1.66716	0.689712	1.14233	1.14233	0.315702	1.41055	1.41055	0.0312289	0.43251	-2.31208	0.557215	0.821319	-1.21755	0.0485548	0.473718	-2.11096	0.822655	0.928268	-1.07728	2.62882	4.57756	1.54782	1
cg23114594	BEND7;BEND7	0.0941038	0.0913926	0.570122	-1.75401	0.772316	0.916043	-1.09165	0.783321	1.08689	1.08689	0.229762	0.683257	-1.46358	0.00296726	0.291553	-3.4299	0.2091	0.670197	-1.4921	0.498798	0.81258	-1.23065	0.301132	0.723375	-1.38241	0.126979	0.607196	-1.64691	2.62881	3.8037	1.28616	1
cg23513804	C3orf35;C3orf35	0.0941055	0.693622	0.914427	-1.09358	0.0278505	1.79907	1.79907	0.152742	0.707498	-1.41343	0.936759	1.01809	1.01809	0.298691	0.783975	-1.27555	0.0256472	0.549398	-1.82017	0.372831	1.22963	1.22963	0.145879	0.702748	-1.42299	0.661471	0.90524	-1.10468	2.62879	2.12536	0.718663	1
cg14164908	IGDCC4	0.0941059	0.282297	1.64115	1.64115	0.0965142	2.24582	2.24582	0.0784006	2.37951	2.37951	0.883403	1.06723	1.06723	0.0527641	0.376738	-2.65437	0.305037	0.624411	-1.60151	0.210593	0.557148	-1.79485	0.0667434	2.48786	2.48786	0.791799	1.12446	1.12446	2.62878	8.18528	2.76775	1
cg17469019	PTGFRN	0.0941067	0.265836	0.796591	-1.25535	0.0471194	1.56143	1.56143	0.0987112	1.42633	1.42633	0.0646969	0.665667	-1.50225	0.215344	1.29148	1.29148	0.791171	1.05343	1.05343	0.149207	1.3544	1.3544	0.351994	1.20666	1.20666	0.0948308	1.43342	1.43342	2.62877	1.6016	0.541563	1
cg26550330	OBSCN;OBSCN	0.0941072	0.933083	1.02842	1.02842	0.381863	1.34891	1.34891	0.0250056	0.410679	-2.43499	0.893344	0.956221	-1.04578	0.74213	1.11649	1.11649	0.321227	1.40777	1.40777	0.0122675	2.83211	2.83211	0.217709	1.54149	1.54149	0.385211	1.34594	1.34594	2.62877	4.6367	1.56785	1
cg16613012	TMEM87A;TMEM87A;GANC	0.0941087	0.0751488	0.565647	-1.76789	0.102862	1.67049	1.67049	0.591249	1.16869	1.16869	0.400584	0.780823	-1.2807	0.215987	0.687695	-1.45413	0.148707	0.640596	-1.56105	0.0933271	0.58816	-1.70022	0.0612565	0.545312	-1.83381	0.0503283	0.526502	-1.89933	2.62875	3.44221	1.16395	1
cg23586121	INPP5A	0.0941103	0.0969165	0.681492	-1.46737	0.468018	0.856071	-1.16813	0.0569535	0.635487	-1.5736	0.408921	1.19453	1.19453	0.229961	0.767146	-1.30353	0.741224	1.07223	1.07223	0.0265871	1.73871	1.73871	0.731962	0.930198	-1.07504	0.17115	1.35888	1.35888	2.62873	1.84401	0.62354	1
cg11310908	GNL1;PRR3;PRR3	0.0941107	0.61763	0.930433	-1.07477	0.602301	1.07823	1.07823	0.069026	1.33842	1.33842	0.777693	1.04138	1.04138	0.0328631	1.42987	1.42987	0.133709	0.793161	-1.26078	0.653939	1.06678	1.06678	0.286673	0.853415	-1.17176	0.0308935	1.43779	1.43779	2.62873	0.854532	0.288955	1
cg03202064	ZFHX3	0.0941124	0.476752	1.15965	1.15965	0.453419	1.16925	1.16925	0.338481	1.22385	1.22385	0.0699069	0.660388	-1.51426	0.100154	0.691566	-1.44599	0.173551	0.743458	-1.34507	0.682708	1.08779	1.08779	0.0239658	0.57613	-1.73572	0.200927	1.31856	1.31856	2.6287	1.74503	0.590078	1
cg00758473	KDELR1;KDELR1	0.0941128	0.785128	0.969672	-1.03128	0.392029	0.905904	-1.10387	0.0847735	0.806691	-1.23963	0.0350234	1.31891	1.31891	0.502634	0.926198	-1.07968	0.751191	0.964788	-1.0365	0.202514	1.16372	1.16372	0.0224102	0.73471	-1.36108	0.814352	1.02686	1.02686	2.6287	0.528712	0.178783	1
cg00901787	NDUFAB1	0.0941136	0.471801	0.90131	-1.1095	0.00868236	0.621985	-1.60776	0.427336	0.89132	-1.12193	0.655423	1.06584	1.06584	0.760292	1.0444	1.0444	0.116409	0.7849	-1.27405	0.836769	0.971138	-1.02972	0.718236	0.949862	-1.05279	0.0466578	1.38181	1.38181	2.62869	0.839045	0.283722	1
cg03167339	MICALL2	0.0941166	0.0617093	1.68815	1.68815	0.0915102	0.629779	-1.58786	0.795941	1.06661	1.06661	0.557737	1.15896	1.15896	0.016371	0.481825	-2.07544	0.323059	1.28915	1.28915	0.15082	0.681725	-1.46687	0.812759	0.942664	-1.06082	0.77117	0.930002	-1.07527	2.62865	2.57778	0.871684	1
cg26475547	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.0941173	0.00536696	17.1661	17.1661	0.901161	0.908152	-1.10114	0.303599	2.28464	2.28464	0.593813	0.658754	-1.51802	0.696934	0.738244	-1.35457	0.214522	2.7545	2.7545	0.858127	0.870449	-1.14883	0.034795	6.73804	6.73804	0.34588	2.12278	2.12278	2.62865	25.0313	8.46444	1
cg02620694	GABRA2;GABRA2	0.0941201	0.157058	1.50434	1.50434	0.822959	0.941324	-1.06233	0.901935	1.03382	1.03382	0.508331	1.19849	1.19849	0.0872383	0.600789	-1.66448	0.392917	0.789657	-1.26637	0.0104495	0.419033	-2.38645	0.416174	0.799127	-1.25137	0.152216	1.51263	1.51263	2.62861	3.03119	1.02502	1
cg04773818	NRG1	0.094121	0.302764	0.789877	-1.26602	0.288817	0.784032	-1.27546	0.523074	0.866742	-1.15375	0.085281	1.52254	1.52254	0.222311	1.32764	1.32764	0.897115	1.029	1.029	0.0151117	0.517016	-1.93417	0.198606	1.35011	1.35011	0.292764	1.27274	1.27274	2.6286	2.03264	0.68736	1
cg15161050	BRI3BP	0.0941211	0.492357	0.687786	-1.45394	0.00712128	0.154769	-6.46125	0.0181077	0.214242	-4.66761	0.765233	1.17438	1.17438	0.732274	0.831669	-1.2024	0.623421	0.766719	-1.30426	0.863376	0.911698	-1.09686	0.143468	0.430066	-2.32523	0.521271	1.41758	1.41758	2.6286	11.9943	4.05598	1
cg17695462	DPYSL4	0.0941215	0.236749	2.89879	2.89879	0.199473	3.20224	3.20224	0.778344	1.27414	1.27414	0.389386	2.13249	2.13249	0.797644	0.802047	-1.24681	0.126779	4.12873	4.12873	0.00482125	24.7921	24.7921	0.0400714	7.66703	7.66703	0.137419	3.94935	3.94935	2.6286	30.6862	10.3769	1
cg24988684	TMC8;TMC6	0.0941225	0.157461	1.89144	1.89144	0.201533	1.76586	1.76586	0.503344	1.33155	1.33155	0.224981	1.71142	1.71142	0.101274	2.13084	2.13084	0.0384104	2.74939	2.74939	0.00432053	4.9947	4.9947	0.219407	1.72375	1.72375	0.179736	1.82347	1.82347	2.62858	7.40009	2.50243	1
cg01960734	LRRC28	0.0941226	0.0502455	0.711224	-1.40603	0.403119	0.877547	-1.13954	0.820734	0.965942	-1.03526	0.567653	0.915584	-1.0922	0.922371	1.01499	1.01499	0.00472408	0.563805	-1.77366	0.136036	0.782511	-1.27794	0.149922	0.790048	-1.26575	0.5141	1.1063	1.1063	2.62858	0.970365	0.328141	1
cg26907697	SSR2	0.0941233	0.394249	0.751424	-1.33081	0.282421	0.693635	-1.44168	0.305231	0.706308	-1.41581	0.744503	1.11304	1.11304	0.00638835	0.312787	-3.19706	0.448889	0.776669	-1.28755	0.177929	0.62573	-1.59813	0.193131	1.56993	1.56993	0.0649084	0.507183	-1.97167	2.62858	4.46526	1.50999	1
cg19982471	MIR1258;ZNF385B	0.0941249	0.652067	0.80389	-1.24395	0.921094	0.953466	-1.0488	0.904352	0.943825	-1.05952	0.00461626	6.12754	6.12754	0.695742	0.827771	-1.20806	0.59644	0.773355	-1.29307	0.298562	1.67901	1.67901	0.0472501	2.97969	2.97969	0.280882	1.71437	1.71437	2.62856	9.62919	3.25627	1
cg01723148	B4GALNT1	0.0941264	0.0476001	2.41189	2.41189	0.209344	1.67229	1.67229	0.048309	2.4033	2.4033	0.300528	1.51723	1.51723	0.717272	1.15178	1.15178	0.224252	1.64232	1.64232	0.0149684	3.19797	3.19797	0.0181193	3.05027	3.05027	0.230491	1.63043	1.63043	2.62854	6.2865	2.1259	1
cg07097041	SPIRE1;SPIRE1	0.0941267	0.0520831	7.15675	7.15675	0.943349	0.938666	-1.06534	0.807266	1.24319	1.24319	0.125592	4.37687	4.37687	0.296594	0.38142	-2.62178	0.812378	1.23587	1.23587	0.0243248	10.9192	10.9192	0.0192386	12.4559	12.4559	0.945035	0.94044	-1.06333	2.62854	33.0224	11.1671	1
cg01389383	SNX29	0.094128	0.193208	0.712545	-1.40342	0.892958	0.967405	-1.03369	0.101082	0.64278	-1.55574	0.418934	0.816048	-1.22542	0.0103151	0.451356	-2.21555	0.256133	0.746944	-1.33879	0.209459	1.38486	1.38486	0.421548	0.817019	-1.22396	0.0349644	0.546161	-1.83096	2.62852	2.5221	0.852902	1
cg25622125	HERC2	0.0941281	0.0465169	1.80713	1.80713	0.0441897	0.548805	-1.82214	0.0971877	0.623466	-1.60394	0.98748	1.00408	1.00408	0.280185	0.747246	-1.33825	0.766859	1.08022	1.08022	0.115767	0.641647	-1.55849	0.331785	0.771142	-1.29678	0.0771227	0.600428	-1.66548	2.62852	2.80438	0.948359	1
cg16296843	KCNH3	0.0941285	0.0553212	0.507788	-1.96933	0.0396644	2.10045	2.10045	0.0797599	1.83418	1.83418	0.528388	0.819325	-1.22052	0.540399	0.824187	-1.21332	0.385104	0.757448	-1.32022	0.728795	0.897097	-1.11471	0.174736	1.56883	1.56883	0.176998	0.639106	-1.56469	2.62851	4.05176	1.37019	1
cg26843324	LHX5	0.0941314	0.089362	0.146177	-6.84103	0.0944368	0.151482	-6.60145	0.10401	0.161257	-6.20128	0.123545	0.18042	-5.54263	0.0888971	0.145686	-6.86407	0.1213	0.178264	-5.60965	0.0188131	0.0538409	-18.5733	0.0463299	0.0960321	-10.4132	0.0333971	0.0779276	-12.8324	2.62848	43.872	14.8365	1
cg02522367	LCN6	0.0941394	0.719357	1.12811	1.12811	0.0103355	2.94249	2.94249	0.150889	0.597938	-1.67241	0.770988	0.907097	-1.10242	0.0537868	2.07824	2.07824	0.394122	1.33856	1.33856	0.416079	1.32006	1.32006	0.261951	0.67653	-1.47813	0.622818	0.847369	-1.18012	2.62838	4.64576	1.57114	1
cg14282180	MSH2	0.09414	0.629561	0.951306	-1.05119	0.627211	1.05155	1.05155	0.927779	1.00935	1.00935	0.381662	1.09654	1.09654	0.0461311	0.790807	-1.26453	0.703013	1.04013	1.04013	0.00821235	0.706581	-1.41527	0.415596	1.08922	1.08922	0.242806	1.13376	1.13376	2.62838	0.43915	0.148516	1
cg27008222	DDX50	0.0941416	0.514582	1.11434	1.11434	0.728665	1.05871	1.05871	0.428372	0.875944	-1.14163	0.548842	1.10448	1.10448	0.175225	0.78965	-1.26638	0.51002	0.896305	-1.11569	0.00291871	0.511746	-1.95409	0.209811	0.805319	-1.24174	0.503522	0.89475	-1.11763	2.62836	1.11711	0.377799	1
cg10210690	C1orf175;C1orf175	0.094142	0.726239	0.915081	-1.0928	0.682315	0.90132	-1.10948	0.0321207	0.530624	-1.88457	0.924543	0.976368	-1.0242	0.0110863	0.447506	-2.23461	0.0676136	0.596372	-1.67681	0.862485	0.957176	-1.04474	0.211908	1.39372	1.39372	0.734223	1.08984	1.08984	2.62835	2.653	0.897225	1
cg01154985	BANP;BANP	0.094142	0.107008	0.650407	-1.5375	0.140543	0.678696	-1.47341	0.436973	1.21392	1.21392	0.536882	0.858239	-1.16518	0.129001	0.669615	-1.4934	0.036213	0.551334	-1.81378	0.0433857	1.76465	1.76465	0.520507	1.17261	1.17261	0.849448	0.954605	-1.04755	2.62835	2.48796	0.841408	1
cg01047779	RING1	0.094145	0.963212	1.01736	1.01736	0.849779	1.07333	1.07333	0.17715	0.585464	-1.70805	0.268838	0.650638	-1.53695	0.00223529	0.202344	-4.94208	0.429245	0.739957	-1.35143	0.728448	1.13892	1.13892	0.929293	1.03368	1.03368	0.842606	1.07702	1.07702	2.62832	5.7981	1.9609	1
cg10113191	MRPL23	0.0941462	0.0173952	0.489812	-2.0416	0.0832993	0.623416	-1.60406	0.205057	0.719239	-1.39036	0.49952	0.844556	-1.18405	0.0130893	0.468341	-2.1352	0.414694	0.814238	-1.22814	0.0502356	0.576854	-1.73354	0.810139	0.942403	-1.06112	0.123036	0.662457	-1.50953	2.6283	2.52878	0.855231	1
cg14807248	EPB41L4A;FLJ11235	0.0941462	0.165637	0.788996	-1.26743	0.391611	1.15106	1.15106	0.04995	1.43095	1.43095	0.0246999	0.651376	-1.53521	0.490274	1.11887	1.11887	0.147019	1.28331	1.28331	0.222686	0.81433	-1.228	0.872617	0.974609	-1.02605	0.559675	0.909786	-1.09916	2.6283	1.06941	0.361672	1
cg11582017	FURIN	0.0941485	0.437406	0.890113	-1.12345	0.208006	0.822776	-1.2154	0.0443256	0.712181	-1.40414	0.0532541	1.38082	1.38082	0.0238656	0.672893	-1.48612	0.194099	0.817192	-1.2237	0.570898	1.0878	1.0878	0.721033	0.948676	-1.0541	0.615812	0.928351	-1.07718	2.62828	0.898829	0.303986	1
cg22870172	UBE2V1;UBE2V1;TMEM189-UBE2V1;UBE2V1	0.0941486	0.960834	1.02531	1.02531	0.0241042	0.231466	-4.3203	0.134084	0.429371	-2.32899	0.920507	1.05213	1.05213	0.0190717	0.211653	-4.72472	0.200279	0.495346	-2.01879	0.367531	0.621429	-1.60919	0.171303	2.13512	2.13512	0.539611	1.3737	1.3737	3.04749	11.909	2.60521	1
cg02147791	SAP18	0.0941497	0.400581	0.819326	-1.22052	0.246666	1.32388	1.32388	0.00649624	2.26886	2.26886	0.655381	1.10964	1.10964	0.0554469	0.604858	-1.65328	0.553493	1.14892	1.14892	0.747987	0.92806	-1.07752	0.71893	0.919708	-1.0873	0.77808	1.06762	1.06762	2.62826	2.23268	0.755102	1
cg27002186	ADAM6	0.0941502	0.0936243	0.420122	-2.38026	0.185898	0.517029	-1.93413	0.275353	0.58641	-1.70529	0.0966269	0.424068	-2.35811	0.0123736	0.231185	-4.32555	0.605112	0.782452	-1.27803	0.00977363	0.215109	-4.6488	0.636719	0.799513	-1.25076	0.406316	0.670622	-1.49115	2.62826	9.20782	3.11413	1
cg08794022	TRPS1	0.0941507	0.83923	1.07079	1.07079	0.544369	1.22949	1.22949	?	?	?	0.101072	0.546292	-1.83052	0.0176365	0.37829	-2.64347	0.336547	1.39604	1.39604	0.401488	0.748912	-1.33527	0.145552	0.59085	-1.69248	0.0461226	0.46327	-2.15857	2.65811	4.24257	1.59608	1
cg22255773	DPP6;DPP6;DPP6	0.0941536	0.0948557	0.20426	-4.89573	0.0113526	0.0643993	-15.5281	0.0573037	0.155561	-6.42836	0.314206	0.406318	-2.46113	0.0623988	0.162854	-6.14046	0.39715	0.472261	-2.11748	0.038095	0.124911	-8.0057	0.0812791	0.187824	-5.32412	0.157853	0.270727	-3.69376	2.62822	31.1662	10.5407	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19055936	JAM3	0.0941556	0.445555	0.761946	-1.31243	0.187677	0.613751	-1.62933	0.00921755	0.314837	-3.17625	0.937556	0.972978	-1.02777	0.713132	1.13781	1.13781
cg11316510	RARA;RARA;RARA;RARA	0.0941563	0.742157	0.901525	-1.10923	0.0305661	2.22092	2.22092	0.00970954	2.79335	2.79335	0.344238	1.35788	1.35788	0.0916635	1.79169	1.79169
cg15134161	AHCTF1	0.0941568	0.0561165	0.329078	-3.03879	0.225556	0.52003	-1.92297	0.530892	0.721717	-1.38558	0.229814	0.523445	-1.91042	0.020055	0.236594	-4.22665
cg07724971	CCDC40	0.0941572	0.479598	0.755138	-1.32426	0.505068	0.767734	-1.30253	0.0376479	0.389718	-2.56596	0.615108	1.21911	1.21911	0.0032585	0.208527	-4.79555
cg17376299	MGAT5B;MGAT5B	0.0941587	0.957826	1.01754	1.01754	0.528717	0.810681	-1.23353	0.243254	0.669293	-1.49411	0.0243922	0.413923	-2.41591	0.00435035	0.285662	-3.50064
cg14693090	ETV6	0.0941603	0.527861	1.14254	1.14254	0.176033	0.741024	-1.34948	0.332216	0.811871	-1.23172	0.269951	0.787156	-1.2704	0.981012	1.00497	1.00497
cg12316010	POLS	0.0941629	0.0320793	0.295506	-3.38403	0.10389	0.421758	-2.37103	0.0417129	0.319901	-3.12597	0.321489	0.608192	-1.64422	0.0147363	0.232877	-4.29411
cg12535744	MAML2	0.0941667	0.0382752	0.157458	-6.35091	0.230574	0.379714	-2.63356	0.229968	0.379189	-2.63721	0.234062	0.382725	-2.61284	0.00359205	0.0480336	-20.8188
cg14404146	SLC24A2	0.0941674	0.411426	0.80462	-1.24282	0.443689	0.81699	-1.224	0.142465	0.664935	-1.50391	0.418268	0.807283	-1.23872	0.00699364	0.40542	-2.46658
cg05989054	GAMT;GAMT	0.0941681	0.0551931	0.447069	-2.23679	0.00962932	3.36559	3.36559	0.322723	1.45981	1.45981	0.361443	0.706496	-1.41544	0.838917	0.927389	-1.0783
cg22159387	NAA38	0.0941683	0.169429	1.91376	1.91376	0.281455	0.608741	-1.64273	0.898958	1.05795	1.05795	0.00484015	0.190711	-5.24355	0.517289	1.33792	1.33792
cg16681597	LYPLAL1	0.0941687	0.0454899	0.511386	-1.95547	0.517692	1.21137	1.21137	0.933745	1.02461	1.02461	0.226394	0.689789	-1.44972	0.189231	0.665898	-1.50173
cg00480856	WASL	0.0941688	0.0145318	0.131285	-7.61702	0.555767	0.669058	-1.49464	0.900083	0.918773	-1.08841	0.503109	0.632351	-1.5814	0.03457	0.189747	-5.27018
cg04563996	ARHGEF3;SPATA12	0.0941703	0.238689	0.519193	-1.92607	0.891922	0.930337	-1.07488	0.76868	1.16959	1.16959	0.558733	0.730457	-1.36901	0.0108942	0.183088	-5.46186
cg11521780	C12orf10	0.0941707	0.538002	1.49998	1.49998	0.128945	2.90628	2.90628	0.148781	2.73713	2.73713	0.196235	0.41124	-2.43167	0.0110267	0.125772	-7.95087
cg09319695	RNF182;RNF182;RNF182;RNF182	0.094172	0.219536	0.584318	-1.7114	0.0120569	0.271749	-3.67987	0.31088	0.64639	-1.54705	0.685589	0.844184	-1.18458	0.0133606	0.27934	-3.57987
cg02669349	DDIT4	0.0941733	0.0781395	0.677856	-1.47524	0.0268857	1.68329	1.68329	0.251974	1.26838	1.26838	0.129964	0.722564	-1.38396	0.542963	0.884857	-1.13013
cg12151785	OTUB2	0.0941773	0.0112266	6.6318	6.6318	0.274352	0.518318	-1.92932	0.118316	2.68136	2.68136	0.468317	1.5294	1.5294	0.0756413	3.17349	3.17349
cg27662169	SNRPB;SNRPB	0.0941791	0.45677	0.715865	-1.39691	0.817264	0.902954	-1.10748	0.695393	1.18952	1.18952	0.978983	1.01169	1.01169	0.00207116	0.147678	-6.7715
cg00877837	SPTAN1;SPTAN1	0.0941801	0.671743	0.924866	-1.08124	0.0485569	1.51119	1.51119	0.0285069	1.60581	1.60581	0.77122	0.947974	-1.05488	0.0345757	0.636629	-1.57077
cg03930313	ARHGAP23	0.0941853	0.150389	1.79535	1.79535	0.415107	0.728899	-1.37193	0.0221555	2.83263	2.83263	0.183323	1.70905	1.70905	0.648123	1.19056	1.19056
cg11174855	NKX6-2	0.0941867	0.0634957	71.5879	71.5879	0.114109	33.7176	33.7176	0.198	16.1977	16.1977	0.111976	34.5555	34.5555	0.161668	21.3052	21.3052
cg06317209	AVIL	0.0941868	0.320715	0.676991	-1.47712	0.245329	1.58729	1.58729	0.0919973	0.493984	-2.02436	0.960924	1.0188	1.0188	0.0217635	0.350946	-2.84944
cg06751007	RNF213;RNF213	0.0941875	0.526826	1.22959	1.22959	0.98594	1.0057	1.0057	0.963558	1.01484	1.01484	0.572088	1.20204	1.20204	0.0951241	0.553729	-1.80594
cg16623734	ANKRD11	0.0941879	0.967815	0.972794	-1.02797	0.759628	0.810747	-1.23343	0.372475	1.87001	1.87001	0.130329	0.327266	-3.05562	0.0196194	0.145513	-6.87223
cg18111073	TAF3	0.0941883	0.129105	0.522927	-1.91231	0.162855	0.554932	-1.80202	0.0156774	0.310074	-3.22504	0.548947	0.786832	-1.27092	0.0455331	0.403918	-2.47575
cg21756647	ARRB1;ARRB1	0.094189	0.97851	0.987987	-1.01216	0.00996489	4.30712	4.30712	0.12371	2.11298	2.11298	0.57966	1.28535	1.28535	0.762204	1.14588	1.14588
cg23571288	CDK8;CDK8	0.0941892	0.858742	0.971612	-1.02922	0.00971885	1.6968	1.6968	0.0195595	1.57791	1.57791	0.497568	0.894646	-1.11776	0.158012	1.27635	1.27635
cg13957558	TSPAN16;RAB3D	0.0941903	0.0853355	0.15779	-6.33754	0.407209	0.439088	-2.27745	0.403612	0.43619	-2.29258	0.133805	0.208096	-4.80546	0.0418729	0.102624	-9.74435
cg06991565	C6orf27	0.0941926	0.985792	0.995696	-1.00432	0.0414005	1.76794	1.76794	0.699348	1.09857	1.09857	0.890786	1.03384	1.03384	0.1204	1.50392	1.50392
cg01465361	TTC39C;TTC39C;TTC39C	0.0941928	0.105665	0.770441	-1.29796	0.259695	1.18944	1.18944	0.047647	1.39681	1.39681	0.516843	0.907581	-1.10183	0.15891	1.24877	1.24877
cg03091668	UPB1	0.0941937	0.792076	0.827512	-1.20844	0.00525075	0.0714977	-13.9865	0.0384737	0.179363	-5.57528	0.722678	0.774641	-1.29092	0.0595791	0.217909	-4.58907
cg05231509	ATM;NPAT	0.0941947	0.106298	0.69959	-1.42941	0.395171	1.19291	1.19291	0.689675	1.0847	1.0847	0.0438273	0.625437	-1.59888	0.298193	0.803777	-1.24413
cg03283464	SNORD115-11;SNORD115-29;SNORD115-36;SNORD115-43	0.0941951	0.133178	0.586142	-1.70607	0.0401351	0.457489	-2.18585	0.709673	0.883986	-1.13124	0.440334	0.771449	-1.29626	0.0310816	0.434102	-2.30361
cg18120807	RNPEPL1	0.0941955	0.359833	1.48212	1.48212	0.934652	1.03487	1.03487	0.253262	0.607329	-1.64655	0.542931	1.29353	1.29353	0.0177855	0.299878	-3.33469
cg17703658	DDIT3	0.0941956	0.221457	1.19661	1.19661	0.402736	0.88728	-1.12704	0.799099	0.965008	-1.03626	0.612112	1.07403	1.07403	0.180159	1.21992	1.21992
cg27037109	ZNF799	0.0941977	0.0319284	2.07582	2.07582	0.888153	0.959941	-1.04173	0.902731	1.03616	1.03616	0.42992	1.26375	1.26375	0.0810638	0.570099	-1.75408
cg06796096	C1orf124;C1orf124	0.0941999	0.0776942	1.72762	1.72762	0.709965	0.901075	-1.10979	0.0522478	1.85079	1.85079	0.285946	1.36207	1.36207	0.32973	0.755432	-1.32375
cg18861547	HSPG2	0.094201	0.0564498	0.354709	-2.81921	0.0106433	0.214118	-4.67032	0.0401797	0.320527	-3.11986	0.4851	0.71145	-1.40558	0.0916573	0.410129	-2.43826
cg18392085	AXIN2	0.0942014	0.462242	1.60582	1.60582	0.114966	0.334206	-2.99217	0.00773485	0.105536	-9.47541	0.191872	2.41012	2.41012	0.633241	1.35495	1.35495
cg24840601	SUMF1;SUMF1;SUMF1	0.0942028	0.0231672	0.253039	-3.95197	0.522372	0.720217	-1.38847	0.933391	1.04322	1.04322	0.668974	1.24325	1.24325	0.00727051	0.173313	-5.76991
cg03928924	GAGE12J	0.0942029	0.9879	1.00827	1.00827	0.18953	0.470292	-2.12634	0.0797902	0.348062	-2.87305	0.0724382	0.336839	-2.96878	0.00502139	0.133334	-7.49996
cg02891726	PAR5;SNORD64	0.0942048	0.163259	0.477397	-2.09469	0.275478	0.569085	-1.75721	0.127517	2.26782	2.26782	0.612314	0.775744	-1.28909	0.0536358	2.97107	2.97107
cg11264863	SEMG1;SEMG1	0.0942065	0.0472804	0.126978	-7.87537	0.124238	0.22015	-4.54235	0.802862	0.796578	-1.25537	0.0351322	0.107362	-9.31427	0.0232237	0.0848503	-11.7855
cg04025970	MFHAS1	0.0942069	0.0733417	0.374242	-2.67207	0.713107	1.19935	1.19935	0.00933645	0.197328	-5.0677	0.157241	0.474961	-2.10543	0.378923	0.641258	-1.55943
cg06926349	TFPT;TFPT;PRPF31	0.0942106	0.886124	0.981966	-1.01836	0.285039	0.86847	-1.15145	0.132007	1.22932	1.22932	0.242258	1.16815	1.16815	0.305941	1.1441	1.1441
cg15419313	MRPS26	0.0942121	0.49113	0.84481	-1.1837	0.657722	1.11352	1.11352	0.120653	1.50067	1.50067	0.404239	0.813987	-1.22852	0.029882	0.539995	-1.85187
cg18822580	KIR3DL2	0.0942164	0.0290069	0.876838	-1.14046	0.607332	0.973878	-1.02682	0.022637	0.869906	-1.14955	0.152839	1.08132	1.08132	0.104267	0.913302	-1.09493
cg10964627	MAGI1;MAGI1;MAGI1	0.0942184	0.0661345	0.314482	-3.17984	0.417898	0.628393	-1.59136	0.0570932	0.298753	-3.34724	0.891121	0.926015	-1.0799	0.0289219	0.235623	-4.24407
cg09290506	METTL1;FAM119B;METTL1;FAM119B	0.0942195	0.0271419	0.38245	-2.61472	0.425355	1.34874	1.34874	0.423978	1.34999	1.34999	0.087906	0.500486	-1.99806	0.439305	1.33626	1.33626
cg02403412	TXNRD2	0.0942196	0.114327	0.536943	-1.86239	0.412902	0.738531	-1.35404	0.0507819	0.446752	-2.23838	0.163095	1.71432	1.71432	0.0237536	0.37636	-2.65703
cg25229015	WDR61	0.0942203	0.0214128	1.41534	1.41534	0.190655	1.19022	1.19022	0.176795	1.19772	1.19772	0.94087	0.990721	-1.00937	0.00944177	1.51195	1.51195
cg05257528	PRTN3	0.0942233	0.11364	0.368363	-2.71471	0.16373	0.422217	-2.36845	0.578481	0.72208	-1.38489	0.410536	0.613703	-1.62945	0.0263145	0.216839	-4.61172
cg18587499	KIAA1409	0.0942233	0.0202255	0.506455	-1.97451	0.196688	0.717755	-1.39323	0.209445	0.725141	-1.37904	0.734392	0.920594	-1.08626	0.0203415	0.506899	-1.97278
cg03147548	SYVN1;SYVN1	0.0942264	0.08749	1.18924	1.18924	0.774403	0.973944	-1.02675	0.934798	1.00755	1.00755	0.284255	1.1076	1.1076	0.0831404	1.19274	1.19274
cg27315388	RERE;RERE	0.0942277	0.0287467	0.366858	-2.72585	0.349308	0.687593	-1.45435	0.14902	0.547934	-1.82504	0.81952	1.09291	1.09291	0.224623	0.609037	-1.64194
cg25600410	MFSD4	0.0942287	0.158953	0.463926	-2.15552	0.366359	1.60548	1.60548	0.201784	0.502772	-1.98897	0.3167	0.589753	-1.69563	0.0339403	0.282797	-3.5361
cg24163736	PRPF8	0.0942291	0.561727	1.10131	1.10131	0.875331	0.974507	-1.02616	0.30116	1.19268	1.19268	0.606857	0.918172	-1.08912	0.651544	0.927951	-1.07764
cg14476397	C12orf34	0.09423	0.0702785	0.512212	-1.95232	0.0559229	0.488695	-2.04627	0.0788371	0.524507	-1.90655	0.623121	0.848934	-1.17795	0.049079	0.47577	-2.10186
cg07153353	GALNTL4	0.0942313	0.0897112	0.628854	-1.59019	0.0168124	2.06145	2.06145	0.362167	0.792751	-1.26143	0.250399	1.34691	1.34691	0.288413	1.31426	1.31426
cg05492387	RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1	0.094232	0.184296	0.53301	-1.87614	0.72728	0.855191	-1.16933	0.0730984	0.409395	-2.44263	0.72706	0.855077	-1.16948	0.302927	0.620781	-1.61087
cg07172676	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.0942324	0.0359767	1.4162	1.4162	0.185053	0.81833	-1.222	0.350949	0.872028	-1.14675	0.171366	1.23087	1.23087	0.0453257	0.720724	-1.38749
cg14873515	NDST1	0.0942333	0.0179495	0.626919	-1.5951	0.277908	0.832601	-1.20105	0.283202	0.834403	-1.19846	0.0833058	0.73251	-1.36517	0.506675	0.896382	-1.1156
cg04227026	FATE1	0.0942342	0.51392	0.68336	-1.46336	0.396648	0.606993	-1.64746	0.119749	0.378737	-2.64036	0.19939	0.458467	-2.18118	0.0354895	0.244621	-4.08796
cg06630958	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.0942346	0.0661814	2.56085	2.56085	0.0445345	2.86522	2.86522	0.741205	0.859654	-1.16326	0.534255	0.750348	-1.33271	0.158094	0.50229	-1.99088
cg04924696	CXorf58;APOO;APOO;CXorf58	0.0942371	0.164554	0.373745	-2.67562	0.113947	0.319398	-3.13089	0.475879	1.61795	1.61795	0.0352901	5.08892	5.08892	0.0309622	5.37186	5.37186
cg21490635	EMP1	0.0942383	0.207138	0.448556	-2.22938	0.00497154	0.106355	-9.40245	0.02862	0.210942	-4.74064	0.553664	0.696932	-1.43486	0.248104	0.48304	-2.07022
cg03219838	H2AFY;H2AFY;H2AFY;H2AFY	0.0942387	0.0170058	0.398259	-2.51093	0.26775	0.694042	-1.44083	0.0701397	0.527027	-1.89743	0.305343	0.714777	-1.39904	0.203279	0.653867	-1.52936
cg09682051	TP53AIP1	0.0942463	0.190438	0.363541	-2.75072	0.463035	0.57976	-1.72485	0.407799	0.539066	-1.85506	0.887172	1.10916	1.10916	0.073589	0.233241	-4.28741
cg08468370	PLEKHG2	0.0942469	0.550048	1.09495	1.09495	0.234644	1.20546	1.20546	0.199924	1.2252	1.2252	0.167872	1.24666	1.24666	0.255247	1.19502	1.19502
cg09631475	SAMD4A;SAMD4A	0.094249	0.174849	1.14543	1.14543	0.117936	1.17322	1.17322	0.0618034	0.820439	-1.21886	0.324521	0.908706	-1.10047	0.0164225	1.31774	1.31774
cg17296441	STMN3	0.0942532	0.01598	0.551188	-1.81426	0.0569346	1.54505	1.54505	0.155058	1.35974	1.35974	0.240828	0.780386	-1.28142	0.354892	0.825149	-1.2119
cg27130769	TNRC18	0.0942532	0.328611	0.859069	-1.16405	0.127261	1.28438	1.28438	0.336764	0.861411	-1.16089	0.168489	1.24879	1.24879	0.023297	0.658239	-1.51921
cg05457075	CRAMP1L	0.0942546	0.623567	0.901459	-1.10931	0.964389	0.990681	-1.00941	0.00592515	0.470083	-2.12728	0.203573	1.32503	1.32503	0.56276	0.884519	-1.13056
cg06188083	IFIT3;IFIT3	0.0942555	0.197936	0.556465	-1.79706	0.0394209	2.79084	2.79084	0.978895	0.98867	-1.01146	0.532241	1.31325	1.31325	0.491293	1.35137	1.35137
cg11891522	KIF2A;KIF2A	0.0942562	0.657816	0.769817	-1.29901	0.0134124	0.165809	-6.03105	0.155265	0.40963	-2.44123	0.661936	1.2946	1.2946	0.179466	0.433105	-2.30891
cg08695855	COL1A2	0.0942571	0.116585	4.32856	4.32856	0.473595	1.87073	1.87073	0.119774	4.26509	4.26509	0.964689	0.962672	-1.03878	0.162779	3.59804	3.59804
cg23584352	PRR11	0.0942572	0.812118	0.953269	-1.04902	0.590114	1.11549	1.11549	0.0205888	0.570897	-1.75163	0.0475508	1.57692	1.57692	0.89778	0.974499	-1.02617
cg26145926	HMCN1	0.0942581	0.672867	0.829914	-1.20494	0.0978062	2.21972	2.21972	0.179041	1.87133	1.87133	0.361488	0.662458	-1.50953	0.0687167	0.408842	-2.44593
cg13803559	COL5A1	0.0942593	0.052826	0.57888	-1.72747	0.414594	0.812909	-1.23015	0.263915	0.748828	-1.33542	0.772638	0.930573	-1.07461	0.512381	0.847867	-1.17943
cg03756088	GALNT2	0.0942615	0.306653	0.561301	-1.78158	0.321132	1.7495	1.7495	0.327729	1.73545	1.73545	0.507581	0.692936	-1.44313	0.13578	0.415945	-2.40416
cg04444959	MGC23284;SNAI3	0.0942697	0.351219	0.691898	-1.4453	0.0827267	0.478237	-2.09101	0.332044	0.681018	-1.46839	0.85806	0.933585	-1.07114	0.0592591	0.441533	-2.26483
cg08108188	CASZ1;CASZ1	0.0942746	0.975415	0.993571	-1.00647	0.519121	1.14658	1.14658	0.954158	0.988041	-1.0121	0.120259	1.42292	1.42292	0.5635	0.884952	-1.13
cg23626763	CECR1;CECR1	0.0942756	0.286385	1.40991	1.40991	0.282812	1.4138	1.4138	0.0463577	0.492582	-2.03012	0.36952	1.33105	1.33105	0.0551021	0.509258	-1.96364
cg22315164	MYO15A	0.0942757	0.0639712	0.36139	-2.76709	0.0147103	0.230405	-4.34019	0.0164522	0.238595	-4.19119	0.751921	1.1677	1.1677	0.114354	0.431893	-2.31539
cg13016048	GRIN1;GRIN1;GRIN1	0.0942768	0.199434	0.55525	-1.80099	0.274711	0.61068	-1.63752	0.0473165	0.373517	-2.67725	0.710347	1.17573	1.17573	0.0711533	0.416977	-2.39821
cg24671891	FRMPD4	0.0942786	0.435381	1.40641	1.40641	0.0665221	2.41516	2.41516	0.151319	0.517419	-1.93267	0.87396	0.934232	-1.0704	0.0217835	0.30729	-3.25426
cg19219435	BRD4	0.0942791	0.69571	0.926726	-1.07907	0.0140682	0.556071	-1.79833	0.37959	0.839873	-1.19066	0.126284	0.725979	-1.37745	0.281049	0.805002	-1.24223
cg09279273	SPATA3	0.0942792	0.302076	1.23934	1.23934	0.041094	0.62311	-1.60485	0.0428536	0.626375	-1.59649	0.686891	0.921892	-1.08473	0.934317	1.01668	1.01668
cg14567985	TMPRSS3;TMPRSS3	0.0942815	0.546065	0.86758	-1.15263	0.105771	0.663107	-1.50805	0.531006	1.15899	1.15899	0.257946	1.31584	1.31584	0.0300288	0.55244	-1.81015
cg18674899	PGM3;RWDD2A	0.094283	0.08534	0.390186	-2.56288	0.754556	1.16787	1.16787	0.817218	1.12137	1.12137	0.685402	1.22326	1.22326	0.0126713	0.21585	-4.63285
cg24816512	C21orf45	0.0942842	0.0289532	0.653845	-1.52942	0.502264	1.11891	1.11891	0.468872	1.1293	1.1293	0.739258	1.05666	1.05666	0.220467	1.23684	1.23684
cg01999787	EXOSC8;ALG5;ALG5	0.0942847	0.396693	0.868272	-1.15171	0.439497	1.13691	1.13691	0.607116	1.08808	1.08808	0.105721	0.750055	-1.33324	0.748498	1.05375	1.05375
cg20703924	LASS6	0.0942851	0.055552	0.353492	-2.82892	0.0192732	0.257497	-3.88354	0.064893	0.370248	-2.7009	0.143896	0.471164	-2.1224	0.0321614	0.300378	-3.32914
cg07035437	DNAH6	0.0942854	0.311729	0.821958	-1.21661	0.381613	1.18308	1.18308	0.270586	1.23974	1.23974	0.124393	0.732201	-1.36575	0.343032	1.20083	1.20083
cg19921271	LMF2;NCAPH2;NCAPH2	0.0942854	0.00671643	0.526369	-1.89981	0.585448	0.904336	-1.10578	0.837115	1.0383	1.0383	0.120839	0.73556	-1.35951	0.453495	0.869872	-1.14959
cg13878641	GNAI3	0.0942855	0.0132695	0.657227	-1.52154	0.831801	0.971329	-1.02952	0.0460158	1.36717	1.36717	0.89715	0.982468	-1.01785	0.706352	0.94955	-1.05313
cg01259360	KLC2;RAB1B;KLC2;KLC2;KLC2	0.0942859	0.426614	1.17252	1.17252	0.904227	0.976675	-1.02388	0.508664	1.14049	1.14049	0.459125	1.15927	1.15927	0.534211	0.883883	-1.13137
cg25427871	SLC22A18AS;SLC22A18	0.0942862	0.278684	0.54097	-1.84853	0.0830325	0.351037	-2.8487	0.0293929	0.246739	-4.05287	0.627789	0.766054	-1.30539	0.0950965	0.367731	-2.71938
cg02039171	CEBPE	0.0942881	0.925882	1.03911	1.03911	0.335363	0.663913	-1.50622	0.282454	0.630971	-1.58486	0.728732	1.15436	1.15436	0.0389031	0.373144	-2.67993
cg10291995	C6orf64	0.0942913	0.800079	1.06786	1.06786	0.204418	0.707174	-1.41408	0.698336	0.904149	-1.10601	0.760667	1.08225	1.08225	0.213649	0.712635	-1.40324
cg22261880	HAUS2;LRRC57;HAUS2	0.0942927	0.742539	0.925782	-1.08017	0.163637	1.41591	1.41591	0.954043	1.01357	1.01357	0.486736	0.847621	-1.17977	0.00860814	0.456657	-2.18983
cg17820065	CHD4	0.0942931	0.670093	1.17987	1.17987	0.369326	1.42741	1.42741	0.0914813	2.04889	2.04889	0.112457	1.94833	1.94833	0.388662	0.711059	-1.40635
cg13267747	FCHSD1	0.0942934	0.543589	0.64384	-1.55318	0.622179	1.42721	1.42721	0.665389	0.732252	-1.36565	0.204998	0.383753	-2.60584	0.209389	0.38769	-2.57938
cg25443560	MAG;MAG	0.0942944	0.173379	1.33942	1.33942	0.0392863	0.618097	-1.61787	0.850074	0.962544	-1.03891	0.261548	1.26643	1.26643	0.272896	0.794369	-1.25886
cg16879871	GLTSCR1	0.0943013	0.121375	1.19895	1.19895	0.0175004	1.36677	1.36677	0.854598	1.02002	1.02002	0.362987	1.10629	1.10629	0.65666	1.04953	1.04953
cg22489878	COL9A3	0.0943026	0.205378	0.503901	-1.98452	0.0685985	2.84539	2.84539	0.0680733	2.85239	2.85239	0.848989	1.10273	1.10273	0.0477737	0.313155	-3.19331
cg23123250	SPNS2	0.0943041	0.0662575	5.15485	5.15485	0.0414735	6.499	6.499	0.458569	1.8236	1.8236	0.119161	3.84305	3.84305	0.290501	2.39469	2.39469
cg11717557	DCLRE1B;DCLRE1B;AP4B1	0.0943049	0.020749	0.63474	-1.57545	0.0660115	0.714115	-1.40033	0.114309	1.32369	1.32369	0.246497	0.820487	-1.21879	0.62379	1.08406	1.08406
cg16277139	MCF2L;MCF2L	0.0943078	0.591476	1.21473	1.21473	0.0347787	2.41927	2.41927	0.141468	1.76419	1.76419	0.715677	1.14036	1.14036	0.0143909	2.95392	2.95392
cg17302548	TRAF7	0.0943099	0.928709	0.983779	-1.01649	0.0516382	0.667106	-1.49901	0.00805717	0.53779	-1.85946	0.658319	0.921884	-1.08474	0.0460388	0.658474	-1.51866
cg03043834	RGS12;RGS12	0.0943103	0.137379	0.768559	-1.30114	0.115585	0.754709	-1.32501	0.174057	1.26858	1.26858	0.443858	1.13704	1.13704	0.863959	1.02861	1.02861
cg06785293	ARID1B;ARID1B;ARID1B	0.0943114	0.0574914	0.441054	-2.26729	0.0310077	2.62435	2.62435	0.370788	1.41932	1.41932	0.339261	0.687079	-1.45544	0.0517811	0.430269	-2.32413
cg18754842	KDM6A	0.0943116	0.290712	0.589278	-1.69699	0.104602	2.35281	2.35281	0.446153	1.45435	1.45435	0.128762	2.20741	2.20741	0.103559	0.423726	-2.36001
cg03730309	PXT1	0.0943126	0.0184436	0.485257	-2.06076	0.953742	0.985434	-1.01478	0.59749	1.14429	1.14429	0.473092	0.831454	-1.20271	0.881458	0.962959	-1.03847
cg22903402	MYO7B	0.0943161	0.731335	0.905033	-1.10493	0.110294	1.65509	1.65509	0.185466	0.665972	-1.50156	0.334307	0.749546	-1.33414	0.0108899	0.396345	-2.52306
cg02467002	ZNF600	0.0943161	0.269148	1.08473	1.08473	0.858083	0.98743	-1.01273	0.687744	0.971849	-1.02897	0.219702	1.0955	1.0955	0.760641	0.978637	-1.02183
cg24082347	ORAI1	0.0943176	0.921146	1.02019	1.02019	0.00341571	2.23221	2.23221	0.940822	1.0151	1.0151	0.343761	1.21756	1.21756	0.510402	1.14426	1.14426
cg14199833	DAXX;DAXX;DAXX;DAXX	0.0943182	0.0469094	0.0976427	-10.2414	0.145092	0.201816	-4.95502	0.334306	0.361165	-2.76882	0.114387	0.172685	-5.79088	0.0461361	0.0966175	-10.3501
cg26105227	ABCC8	0.0943204	0.367305	0.587206	-1.70298	0.0689115	3.22265	3.22265	0.0290482	4.38889	4.38889	0.629162	1.32277	1.32277	0.0613013	0.297579	-3.36045
cg23234640	LOC642597	0.0943214	0.698924	0.937677	-1.06647	0.327288	0.845834	-1.18227	0.340239	0.849818	-1.17672	0.545466	0.903656	-1.10662	0.421815	0.872964	-1.14552
cg00676572	PCM1	0.0943223	0.0278335	2.08587	2.08587	0.18932	0.674877	-1.48175	0.774627	0.922021	-1.08457	0.873474	1.0461	1.0461	0.346288	0.760112	-1.3156
cg02738272	LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMCH1	0.0943224	0.0955884	0.574648	-1.7402	0.583726	1.18228	1.18228	0.00954452	0.37034	-2.70022	0.0674223	0.537889	-1.85912	0.161802	0.636313	-1.57155
cg09624528	ADARB2	0.0943239	0.77687	1.13314	1.13314	0.0172184	0.278937	-3.58504	0.150129	0.507297	-1.97123	0.173116	1.89215	1.89215	0.191657	1.83693	1.83693
cg11649713	AMMECR1;RGAG1	0.0943308	0.0194766	2.49371	2.49371	0.824921	1.07432	1.07432	0.742835	1.11241	1.11241	0.434134	0.772421	-1.29463	0.0496102	0.484446	-2.06421
cg01557411	SESN2	0.0943342	0.984448	1.00745	1.00745	0.864175	0.936904	-1.06735	0.118209	1.92307	1.92307	0.46914	1.32452	1.32452	0.554248	0.796052	-1.2562
cg04759439	ERC2	0.0943352	0.589482	0.926504	-1.07933	0.124078	0.791861	-1.26285	0.18243	0.820132	-1.21932	0.99515	0.999149	-1.00085	0.0198206	0.674223	-1.48319
cg20044443	PIAS1	0.0943361	0.75123	0.872574	-1.14603	0.84683	0.92046	-1.08641	0.361246	1.49516	1.49516	0.760933	0.877405	-1.13972	0.0274206	0.326882	-3.05921
cg03693219	CCDC157	0.0943375	0.061834	0.31028	-3.2229	0.142768	0.416217	-2.4026	0.0901139	0.353668	-2.82751	0.927038	0.950311	-1.05229	0.00576243	0.133536	-7.48863
cg16049598	MORC4;MORC4	0.0943377	0.0881858	0.332983	-3.00315	0.0158048	0.177606	-5.63043	0.890802	0.922853	-1.0836	0.095418	2.91743	2.91743	0.149036	2.47051	2.47051
cg27101654	LRP5	0.0943377	0.386308	0.848296	-1.17883	0.0977759	1.40008	1.40008	0.413655	1.16745	1.16745	0.0584709	1.48595	1.48595	0.1612	0.757893	-1.31945
cg09341008	EGR2;EGR2;EGR2;EGR2;EGR2;EGR2;EGR2	0.0943399	0.149626	0.710285	-1.40788	0.115108	1.46136	1.46136	0.571191	0.880977	-1.1351	0.21477	0.748875	-1.33534	0.199008	1.35057	1.35057
cg09095525	ZC3H7A	0.09434	0.172649	1.55194	1.55194	0.0139461	2.50834	2.50834	0.586485	1.18095	1.18095	0.119254	1.66857	1.66857	0.315413	0.73027	-1.36936
cg21877956	ME1	0.0943403	0.60214	1.19573	1.19573	0.0215783	0.391486	-2.55437	0.224646	0.648252	-1.54261	0.834261	0.931268	-1.07381	0.0186607	0.379461	-2.63532
cg22466995	MFAP3L	0.0943414	0.0491278	4.47411	4.47411	0.0788821	3.6756	3.6756	0.291758	0.482028	-2.07457	0.124883	3.02896	3.02896	0.615766	1.40152	1.40152
cg01483627	GPR142	0.0943415	0.050477	0.241164	-4.14655	0.444313	0.608016	-1.64469	0.339413	0.533533	-1.8743	0.0732736	0.279605	-3.57648	0.490051	1.56415	1.56415
cg08726667	CCDC101	0.0943463	0.0288309	0.268516	-3.72417	0.679804	0.809205	-1.23578	0.693535	0.817073	-1.22388	0.137732	0.442488	-2.25995	0.00859252	0.180923	-5.52721

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19055936	0.0125925	0.337985	-2.95871	0.691436	1.14968	1.14968	0.823484	1.08124	1.08124	0.655875	0.854865	-1.16978	2.62819	5.08826	1.72092	1
cg11316510	0.587737	1.18753	1.18753	0.0870334	1.81009	1.81009	0.653569	0.867746	-1.15241	0.905042	0.96322	-1.03818	2.62818	4.10412	1.38807	1
cg15134161	0.197207	0.496397	-2.01452	0.0107444	0.192669	-5.19026	0.900364	1.06647	1.06647	0.105683	0.403322	-2.47941	2.62818	10.9866	3.71584	1
cg07724971	0.602976	0.814591	-1.22761	0.700153	0.859653	-1.16326	0.860147	0.933403	-1.07135	0.229798	0.611151	-1.63626	2.62817	6.35691	2.15001	1
cg17376299	0.887375	1.0477	1.0477	0.306421	0.70595	-1.41653	0.875574	1.05288	1.05288	0.457263	0.779624	-1.28267	2.62815	4.50127	1.52241	1
cg14693090	0.13154	1.40379	1.40379	0.0617355	1.55017	1.55017	0.395913	1.19857	1.19857	0.0227849	0.566791	-1.76432	2.62814	1.80673	0.611073	1
cg12316010	0.0702579	0.374399	-2.67095	0.208437	0.52528	-1.90375	0.147776	0.470511	-2.12535	0.0832761	0.394208	-2.53673	2.6281	9.81083	3.31826	1
cg12535744	0.325463	0.457624	-2.1852	0.205566	0.357659	-2.79596	0.705836	0.746805	-1.33904	0.134207	0.288382	-3.46762	2.62806	24.6725	8.34499	1
cg14404146	0.423724	0.80939	-1.2355	0.576312	1.15733	1.15733	0.584086	1.15383	1.15383	0.0218659	0.490637	-2.03817	2.62805	2.78834	0.943103	1
cg05989054	0.910692	1.04243	1.04243	0.941303	0.973096	-1.02765	0.356755	0.703958	-1.42054	0.210665	0.613556	-1.62984	2.62804	5.70905	1.93098	1
cg22159387	0.619812	1.24828	1.24828	0.362195	0.660144	-1.51482	0.269444	0.600519	-1.66522	0.515191	1.33993	1.33993	2.62804	8.18399	2.76809	1
cg16681597	0.370118	0.764071	-1.30878	0.0120499	0.400349	-2.49782	0.846297	0.944839	-1.05838	0.13117	1.61043	1.61043	2.62804	3.55792	1.20341	1
cg00480856	0.222392	0.42112	-2.37462	0.0419398	0.205765	-4.8599	0.0262948	0.169097	-5.91376	0.291856	0.478256	-2.09093	2.62803	18.9322	6.40351	1
cg04563996	0.0931648	0.374925	-2.6672	0.0882659	0.368227	-2.71572	0.766754	1.17117	1.17117	0.0220858	0.23272	-4.297	2.62802	11.7429	3.97187	1
cg11521780	0.903826	0.92441	-1.08177	0.679043	1.31068	1.31068	0.211324	2.35435	2.35435	0.404516	1.74126	1.74126	2.62801	17.5979	5.95226	1
cg09319695	0.0380621	0.367627	-2.72015	0.34593	0.667674	-1.49774	0.584661	0.794764	-1.25823	0.14957	0.5257	-1.90223	2.628	7.20874	2.43827	1
cg02669349	0.224157	0.77594	-1.28876	0.143191	0.731575	-1.36691	0.530137	1.13467	1.13467	0.326788	0.817817	-1.22277	2.62798	1.64263	0.555604	1
cg12151785	0.0874298	3.00549	3.00549	?	?	?	0.729747	1.22052	1.22052	0.892534	0.925305	-1.08072	2.82911	12.8586	3.97698	1
cg27662169	0.830438	0.909753	-1.0992	0.436503	1.41922	1.41922	0.48648	1.36597	1.36597	0.848626	0.919175	-1.08793	2.62791	8.09622	2.73854	1
cg00877837	0.833221	1.0394	1.0394	0.409286	1.16724	1.16724	0.271203	1.23356	1.23356	0.292968	1.2213	1.2213	2.6279	1.39755	0.472722	1
cg03930313	0.233296	0.622254	-1.60706	0.350115	0.694126	-1.44066	0.45917	0.751177	-1.33125	0.0440058	2.40744	2.40744	2.62784	5.99762	2.02875	1
cg11174855	0.171747	19.645	19.645	0.0159799	418.958	418.958	0.0216073	283.26	283.26	0.0584922	79.4707	79.4707	2.62782	174.365	58.9807	1
cg06317209	0.557246	0.79796	-1.2532	0.0722996	0.466452	-2.14385	0.286067	1.52384	1.52384	0.0637297	0.452719	-2.20887	2.62782	6.01655	2.03516	1
cg06751007	0.281274	1.43468	1.43468	0.00999679	0.350535	-2.85278	0.194403	0.642443	-1.55656	0.140257	1.66765	1.66765	2.62781	4.32367	1.46253	1
cg16623734	0.162001	0.360327	-2.77526	0.00979354	0.10725	-9.32397	0.947862	0.956278	-1.04572	0.663118	0.741084	-1.34938	2.62781	19.4503	6.57931	1
cg18111073	0.0149879	0.306571	-3.26189	0.102828	0.493839	-2.02495	0.168039	0.559453	-1.78746	0.275187	0.638399	-1.56642	2.6278	6.50417	2.20012	1
cg21756647	0.661451	1.21862	1.21862	0.311025	1.60048	1.60048	0.0080942	4.57943	4.57943	0.369529	1.51212	1.51212	2.62779	8.379	2.83432	1
cg23571288	0.563545	0.909922	-1.099	0.801946	1.04147	1.04147	0.702964	0.939944	-1.06389	0.98315	0.996592	-1.00342	2.62779	1.08761	0.367899	1
cg13957558	0.518961	0.530085	-1.88649	0.0046338	0.0258197	-38.7301	0.808321	0.789826	-1.2661	0.114589	0.189012	-5.29067	2.62778	39.2215	13.2673	1
cg06991565	0.349518	0.791927	-1.26274	0.1259	1.49356	1.49356	0.0105344	2.18057	2.18057	0.0983908	1.55128	1.55128	2.62775	2.44217	0.826112	1
cg01465361	0.0454611	1.40284	1.40284	0.969816	0.994433	-1.0056	0.214942	1.21241	1.21241	0.0621007	1.3633	1.3633	2.62775	0.906024	0.306481	1
cg03091668	0.808689	0.840441	-1.18985	0.112435	0.289838	-3.45021	0.663104	0.730432	-1.36905	0.807301	0.839356	-1.19139	2.62774	21.3727	7.22978	1
cg05231509	0.733901	0.933219	-1.07156	0.562887	1.12579	1.12579	0.968851	0.992122	-1.00794	0.0147728	1.83615	1.83615	2.62773	1.70756	0.577623	1
cg03283464	0.205362	0.643667	-1.5536	0.0128441	0.361011	-2.77	0.958694	1.01723	1.01723	0.0631805	0.502047	-1.99184	2.62772	4.52507	1.53071	1
cg18120807	0.425648	0.711767	-1.40495	0.0101377	0.257821	-3.87866	0.622975	0.812934	-1.23011	0.291431	0.632847	-1.58016	2.62772	7.26952	2.45909	1
cg17703658	0.885966	0.980159	-1.02024	0.0144402	1.52352	1.52352	0.0189562	1.48708	1.48708	0.101701	1.28432	1.28432	2.62772	0.811764	0.274599	1
cg27037109	0.643451	1.14502	1.14502	0.0154243	0.42166	-2.37158	0.782427	1.08375	1.08375	0.641917	0.872793	-1.14575	2.62769	3.51267	1.18826	1
cg06796096	0.0745162	0.574637	-1.74023	0.312217	0.747142	-1.33843	0.23325	0.705742	-1.41695	0.151034	1.53583	1.53583	2.62766	3.23573	1.09459	1
cg18861547	0.191276	0.514788	-1.94255	0.0522145	0.346558	-2.88552	0.11592	0.440417	-2.27058	0.517673	0.729959	-1.36994	2.62765	9.58457	3.24229	1
cg18392085	0.957308	1.03437	1.03437	0.166056	0.390038	-2.56386	0.644768	1.34089	1.34089	0.495196	1.54986	1.54986	2.80013	17.2953	4.80401	1
cg24840601	0.49806	1.41651	1.41651	0.748015	1.17723	1.17723	0.877475	1.08123	1.08123	0.209466	0.511903	-1.95349	2.62763	10.6641	3.60751	1
cg03928924	0.562383	1.37431	1.37431	0.677376	1.25499	1.25499	0.606699	0.75436	-1.32563	0.638551	0.773498	-1.29283	2.62763	12.2636	4.14859	1
cg02891726	0.261019	1.79046	1.79046	0.0899718	2.53102	2.53102	0.280905	1.74525	1.74525	0.105647	0.415483	-2.40684	2.62761	10.2748	3.47585	1
cg11264863	0.736079	0.735225	-1.36013	0.0498387	0.130812	-7.64455	0.0602869	0.145657	-6.86543	0.129679	0.225712	-4.43042	2.62759	34.4025	11.6381	1
cg04025970	0.246421	0.550666	-1.81598	0.0261709	0.272924	-3.66402	0.250181	0.553508	-1.80666	0.102526	0.415035	-2.40943	2.62758	10.0824	3.4108	1
cg06926349	0.822692	1.02891	1.02891	0.00579981	0.631949	-1.58241	0.552104	1.07939	1.07939	0.937566	0.990101	-1.01	2.62754	0.671161	0.227052	1
cg15419313	0.155916	0.693442	-1.44208	0.109255	0.656304	-1.52369	0.0798947	1.5978	1.5978	0.501815	1.17867	1.17867	2.62752	2.41997	0.818676	1
cg18822580	0.69102	1.02061	1.02061	0.76283	1.01557	1.01557	0.976187	0.998477	-1.00153	0.33726	1.05182	1.05182	2.62747	0.108513	0.0367107	1
cg10964627	0.358914	0.588938	-1.69797	0.0114085	0.169131	-5.91259	0.769133	0.847741	-1.17961	0.0776974	0.332728	-3.00546	2.62745	13.107	4.43423	1
cg09290506	0.663368	0.851333	-1.17463	?	?	?	0.288127	1.49973	1.49973	0.0660834	2.13335	2.13335	2.65727	5.05243	1.90136	1
cg02403412	0.623993	1.19588	1.19588	0.0485404	0.442241	-2.26121	0.885555	0.949192	-1.05353	0.361809	0.712206	-1.40409	2.62743	5.45506	1.84551	1
cg25229015	0.537191	1.08168	1.08168	0.957805	0.993373	-1.00667	0.139949	1.22087	1.22087	0.0748298	1.28319	1.28319	2.62742	0.657112	0.222309	1
cg05257528	0.145559	0.403881	-2.47598	0.0186743	0.191299	-5.22741	0.0166519	0.183388	-5.45292	0.195255	0.451687	-2.21392	2.62739	14.0064	4.73858	1
cg18587499	0.80447	1.06212	1.06212	0.08201	0.626157	-1.59704	0.997957	0.999378	-1.00062	0.0376913	0.556743	-1.79616	2.62739	2.4561	0.830939	1
cg03147548	0.274684	1.11006	1.11006	0.24291	0.893803	-1.11881	0.102376	1.17848	1.17848	0.00983139	1.3496	1.3496	2.62735	0.351228	0.118828	1
cg27315388	0.0463686	0.411849	-2.42808	0.00879388	0.273335	-3.65851	0.933282	1.03309	1.03309	0.457555	0.745202	-1.34192	2.62734	6.28881	2.12765	1
cg25600410	0.35694	0.616724	-1.62147	0.406407	0.648375	-1.54232	0.00571434	0.157444	-6.35148	0.426407	0.660803	-1.51331	2.62732	10.829	3.66371	1
cg24163736	0.0770506	0.723714	-1.38176	0.00332996	0.518252	-1.92956	0.764389	0.951762	-1.05068	0.810584	0.961277	-1.04028	2.62732	1.12569	0.38085	1
cg14476397	0.122849	0.575369	-1.73801	0.0097344	0.339217	-2.94797	0.910595	0.963542	-1.03784	0.329432	0.716923	-1.39485	2.62731	4.54902	1.53906	1
cg07153353	0.546433	0.859553	-1.1634	0.16946	0.695639	-1.43753	0.359754	1.26299	1.26299	0.260081	1.33815	1.33815	2.62729	2.55837	0.86557	1
cg05492387	0.489667	1.36827	1.36827	0.189713	1.86009	1.86009	0.0110807	4.15033	4.15033	0.804044	0.894873	-1.11748	2.62728	8.30642	2.81031	1
cg07172676	0.449493	1.11619	1.11619	0.16595	1.23458	1.23458	0.725361	1.0516	1.0516	0.357963	0.873856	-1.14435	2.62728	0.846595	0.286429	1
cg14873515	0.0543328	0.701513	-1.42549	0.443786	1.13515	1.13515	0.0781267	0.72775	-1.3741	0.0350486	0.671165	-1.48995	2.62727	1.09694	0.371128	1
cg04227026	0.998543	0.998951	-1.00105	0.0713289	0.313965	-3.18507	0.00537057	0.121416	-8.23618	0.693698	0.796388	-1.25567	2.62726	13.7654	4.6573	1
cg06630958	0.490503	0.726455	-1.37655	0.0444332	0.348788	-2.86707	0.258032	0.583601	-1.7135	0.46241	1.40684	1.40684	2.62725	8.66338	2.93112	1
cg04924696	0.208482	0.41477	-2.41097	0.785208	0.834177	-1.19879	0.795994	1.18762	1.18762	0.744582	1.2423	1.2423	2.62722	18.3281	6.20108	1
cg21490635	0.120832	0.362823	-2.75617	0.143421	0.387694	-2.57935	0.198767	0.441141	-2.26685	0.844745	0.888558	-1.12542	2.62721	15.112	5.11298	1
cg03219838	0.00794514	0.340723	-2.93493	0.206161	0.655825	-1.5248	0.981915	0.992855	-1.0072	0.26898	0.694747	-1.43937	2.6272	4.16429	1.40895	1
cg09682051	0.635252	0.705589	-1.41726	0.0183257	0.123793	-8.078	0.0197595	0.128178	-7.80168	0.219172	2.56776	2.56776	2.62711	22.1595	7.49769	1
cg08468370	0.427874	1.12909	1.12909	0.0723396	0.74023	-1.35093	0.00757895	1.67394	1.67394	0.480488	1.11357	1.11357	2.62711	0.9361	0.316732	1
cg09631475	0.538466	1.06035	1.06035	0.449572	0.930066	-1.07519	0.839806	0.981136	-1.01923	0.458054	1.07369	1.07369	2.62708	0.368371	0.124641	1
cg17296441	0.512118	0.87436	-1.14369	0.214196	0.767908	-1.30224	0.427772	0.849169	-1.17762	0.865471	1.03483	1.03483	2.62703	1.69669	0.574096	1
cg27130769	0.344485	1.15795	1.15795	0.0662919	1.36946	1.36946	0.622896	0.928299	-1.07724	0.497629	0.901701	-1.10902	2.79944	0.975624	0.271061	1
cg05457075	0.842923	0.959247	-1.04248	0.0593773	0.639971	-1.56257	0.9597	0.989459	-1.01065	0.0999759	0.685225	-1.45937	2.62702	1.82983	0.619148	1
cg06188083	0.781723	1.12709	1.12709	0.0905399	2.23291	2.23291	0.0144209	3.66518	3.66518	0.292329	0.624628	-1.60095	2.627	7.71962	2.61206	1
cg11891522	0.922617	0.944576	-1.05868	0.396582	0.600823	-1.66438	0.032601	4.33916	4.33916	0.950048	0.963901	-1.03745	2.627	14.329	4.84845	1
cg08695855	0.830023	1.2029	1.2029	0.0305357	8.88336	8.88336	0.0318514	8.68474	8.68474	0.0133816	13.9082	13.9082	2.62699	30.7232	10.3957	1
cg23584352	0.0412264	0.622949	-1.60527	0.33633	1.22048	1.22048	0.528011	0.879415	-1.13712	0.652891	0.913027	-1.09526	2.62699	1.68062	0.568667	1
cg26145926	0.0401849	0.353178	-2.83144	0.0559808	0.386586	-2.58675	0.478002	0.728559	-1.37257	0.372118	0.668795	-1.49523	2.62697	8.01841	2.71319	1
cg13803559	0.0125596	2.16199	2.16199	0.0872201	0.62561	-1.59844	0.760524	0.926881	-1.07889	0.732644	1.0889	1.0889	2.62696	2.56668	0.868491	1
cg03756088	0.756295	0.843773	-1.18515	0.00666375	0.146462	-6.82772	0.515249	1.43337	1.43337	0.251925	1.92145	1.92145	2.62693	12.3878	4.19172	1
cg04444959	0.0984852	0.498778	-2.0049	0.00467569	0.236074	-4.23597	0.984213	0.992433	-1.00762	0.171662	0.571999	-1.74825	2.62684	6.13105	2.07467	1
cg08108188	0.0119899	0.518954	-1.92695	0.0281956	0.581372	-1.72007	0.514754	1.14826	1.14826	0.627903	0.902835	-1.10762	2.62678	1.82214	0.616602	1
cg23626763	0.597202	1.17995	1.17995	0.897886	1.04064	1.04064	0.884538	1.04612	1.04612	0.028804	2.22553	2.22553	2.62677	4.0055	1.35545	1
cg22315164	0.422972	0.670249	-1.49198	0.110243	0.427011	-2.34186	0.229078	0.539544	-1.85342	0.390045	0.650129	-1.53816	2.62677	9.94255	3.36453	1
cg13016048	0.394647	1.45987	1.45987	0.0305578	0.331934	-3.01264	0.524354	1.32311	1.32311	0.0485098	0.376032	-2.65935	2.62675	7.83451	2.65119	1
cg24671891	0.384175	1.46577	1.46577	0.0612489	2.46894	2.46894	0.920777	1.04355	1.04355	0.931239	0.963692	-1.03768	2.62673	7.63995	2.58537	1
cg19219435	0.951483	0.988289	-1.01185	0.0279988	1.65297	1.65297	0.880013	1.02968	1.02968	0.464947	0.865906	-1.15486	2.62672	1.55927	0.527659	1
cg09279273	0.945784	1.01374	1.01374	0.0287528	1.67812	1.67812	0.921258	0.980351	-1.02004	0.259206	0.789588	-1.26648	2.62672	1.67578	0.567086	1
cg14567985	0.532007	1.15856	1.15856	0.158869	1.41925	1.41925	0.603786	0.885385	-1.12945	0.0340847	0.56268	-1.77721	2.6267	2.249	0.761073	1
cg18674899	0.107956	0.419852	-2.38179	0.0221399	0.257339	-3.88592	0.253647	0.554398	-1.80376	0.522526	0.725653	-1.37807	2.62668	10.1851	3.44672	1
cg24816512	0.0323792	1.5119	1.5119	0.826264	0.964377	-1.03694	0.177268	1.26696	1.26696	0.0626486	1.41295	1.41295	2.62666	1.13265	0.383301	1
cg01999787	0.251123	1.21549	1.21549	0.0211112	1.57042	1.57042	0.831176	1.03536	1.03536	0.0196669	1.5819	1.5819	2.62666	1.10189	0.372892	1
cg20703924	0.0774797	0.390392	-2.56153	0.121058	0.44676	-2.23834	0.827649	0.900771	-1.11016	0.105273	0.428153	-2.33561	2.62665	9.55623	3.23394	1
cg07035437	0.15453	0.751637	-1.33043	0.00988673	1.84169	1.84169	0.652023	0.918469	-1.08877	0.757233	1.05981	1.05981	2.62665	1.46014	0.494129	1
cg19921271	0.24235	0.799806	-1.2503	0.21162	1.27155	1.27155	0.20972	1.27297	1.27297	0.404049	0.855664	-1.16868	2.62665	1.38654	0.469222	1
cg13878641	0.120767	0.794426	-1.25877	0.652907	1.06387	1.06387	0.170798	0.81916	-1.22076	0.44134	1.11336	1.11336	2.62665	0.778178	0.263345	1
cg01259360	0.832785	0.959394	-1.04232	0.00252897	0.439591	-2.27484	0.7198	1.07318	1.07318	0.550659	1.12568	1.12568	2.62664	1.59923	0.541201	1
cg25427871	0.825101	0.886276	-1.12832	0.165445	0.44622	-2.24105	0.0181523	0.209131	-4.78169	0.024398	0.231533	-4.31904	2.62664	12.3774	4.18868	1
cg02039171	0.190738	0.564824	-1.77046	0.0102378	0.263274	-3.79832	0.027062	0.339904	-2.942	0.293742	0.638242	-1.5668	2.62662	7.07175	2.39319	1
cg10291995	0.154978	1.48257	1.48257	0.00421935	0.371128	-2.69449	0.935918	1.02102	1.02102	0.669421	1.11752	1.11752	2.62658	2.78447	0.942323	1
cg22261880	0.0562987	0.603117	-1.65805	0.675762	0.906281	-1.10341	0.420013	1.21257	1.21257	0.308489	1.27965	1.27965	2.62656	2.27671	0.770492	1
cg17820065	0.434834	1.36009	1.36009	0.0316957	2.6434	2.6434	0.0135181	3.254	3.254	0.0735212	2.16002	2.16002	2.62656	6.19721	2.09728	1
cg13267747	0.616196	0.69632	-1.43612	0.261558	0.432356	-2.31291	0.940312	1.0551	1.0551	0.00474597	14.6713	14.6713	2.62655	21.3369	7.2209	1
cg25443560	0.860727	0.965193	-1.03606	0.0116375	0.529306	-1.88927	0.359364	0.826859	-1.2094	0.788902	1.05563	1.05563	2.62654	1.69297	0.572946	1
cg16879871	0.0599262	1.25775	1.25775	0.0823463	1.23111	1.23111	0.174877	1.16871	1.16871	0.0133451	1.39259	1.39259	2.62646	0.485567	0.164333	1
cg22489878	0.57729	1.33487	1.33487	0.734009	0.83949	-1.1912	0.115698	0.415953	-2.40412	0.229022	0.523324	-1.91086	2.62645	10.9463	3.70465	1
cg23123250	0.371581	2.07573	2.07573	0.037817	6.80266	6.80266	0.0102648	13.1354	13.1354	0.0986417	4.22755	4.22755	2.62643	26.3597	8.92119	1
cg11717557	0.814445	1.03913	1.03913	0.585681	0.914055	-1.09403	0.432734	1.13964	1.13964	0.141883	1.29412	1.29412	2.62642	1.10872	0.375237	1
cg16277139	0.508149	1.27256	1.27256	0.0624075	2.12342	2.12342	0.0215998	2.69262	2.69262	0.252643	1.53574	1.53574	2.62638	5.36211	1.81478	1
cg17302548	0.672923	0.925338	-1.08069	0.642674	0.918156	-1.08914	0.362519	1.18654	1.18654	0.600047	1.10152	1.10152	2.62636	1.38924	0.470188	1
cg03043834	0.0618876	1.41327	1.41327	0.0600059	1.41774	1.41774	0.118362	0.756588	-1.32172	0.788443	0.956717	-1.04524	2.62635	1.12584	0.381042	1
cg06785293	0.760634	0.890095	-1.12348	0.232122	0.620339	-1.61202	0.620089	1.20974	1.20974	0.281631	0.652888	-1.53166	2.62634	6.03897	2.0439	1
cg18754842	0.0348203	0.305294	-3.27553	0.388003	0.652627	-1.53227	0.153103	2.09161	2.09161	0.902412	0.942551	-1.06095	2.62634	9.67678	3.27512	1
cg03730309	0.438025	0.818652	-1.22152	0.0170399	0.479127	-2.08713	0.203672	1.40406	1.40406	0.287956	1.32188	1.32188	2.62633	2.6613	0.900726	1
cg22903402	0.219102	1.45379	1.45379	0.97495	1.00913	1.00913	0.656936	1.13816	1.13816	0.12806	0.621078	-1.6101	2.62629	3.4864	1.18	1
cg02467002	0.0137045	0.806202	-1.24038	0.0413136	1.18097	1.18097	0.241803	1.09044	1.09044	0.494349	0.952137	-1.05027	2.62629	0.207755	0.0703166	1
cg24082347	0.677361	1.08812	1.08812	0.0927725	0.688444	-1.45255	0.584458	1.11792	1.11792	0.422998	1.17961	1.17961	2.62627	1.69449	0.573519	1
cg14199833	0.0620054	0.116579	-8.57785	0.0172288	0.0514102	-19.4514	0.26867	0.307808	-3.24878	0.0366367	0.0834497	-11.9833	2.62626	43.5086	14.726	1
cg26105227	0.207839	0.466058	-2.14566	0.506105	1.47378	1.47378	0.510342	1.46794	1.46794	0.315935	0.550984	-1.81493	2.62623	13.7453	4.65229	1
cg23234640	0.8277	0.964553	-1.03675	0.00172376	0.476908	-2.09684	0.60438	1.0904	1.0904	0.352063	0.853372	-1.17182	2.62622	1.14022	0.385927	1
cg00676572	0.180665	1.49481	1.49481	0.02881	0.482347	-2.0732	0.333287	1.32609	1.32609	0.440292	0.80046	-1.24928	2.62621	3.32658	1.12594	1
cg02738272	0.843558	1.06161	1.06161	0.117043	0.597374	-1.67399	0.76423	1.09529	1.09529	0.123541	0.603637	-1.65663	2.62621	3.8086	1.28909	1
cg09624528	0.048174	0.37031	-2.70044	0.879891	0.935644	-1.06878	0.621506	1.24475	1.24475	0.440461	0.707451	-1.41352	2.62619	8.04953	2.72453	1
cg11649713	0.0432015	2.12238	2.12238	0.330539	1.38385	1.38385	0.521663	1.23386	1.23386	0.357753	1.358	1.358	2.62611	4.35427	1.47384	1
cg01557411	0.00534507	0.232098	-4.30852	0.344943	0.689412	-1.45051	0.133673	0.53636	-1.86442	0.704866	0.865079	-1.15596	2.79834	6.28511	1.7469	1
cg04759439	0.068943	0.751853	-1.33005	0.00865263	0.62561	-1.59844	0.877545	0.978625	-1.02184	0.342055	0.871813	-1.14704	2.62606	0.816705	0.276445	1
cg20044443	0.270378	1.63534	1.63534	0.0301935	0.335426	-2.98128	0.0622298	2.45872	2.45872	0.773375	0.883607	-1.13173	2.62605	7.63942	2.58586	1
cg03693219	0.055504	0.298905	-3.34555	0.237975	0.502659	-1.98942	0.28484	0.53892	-1.85556	0.235929	0.501007	-1.99598	2.62603	12.8783	4.3592	1
cg16049598	0.167185	0.422891	-2.36468	0.501306	0.671053	-1.4902	0.923668	0.945526	-1.05761	0.855573	1.11237	1.11237	2.62603	14.2076	4.80917	1
cg27101654	0.0588614	0.673486	-1.48481	0.349846	0.836708	-1.19516	0.113301	1.3761	1.3761	0.957944	1.00982	1.00982	2.62603	1.42741	0.483165	1
cg09341008	0.767511	0.936461	-1.06785	0.233193	0.758208	-1.3189	0.0140121	1.95777	1.95777	0.880947	1.03374	1.03374	2.626	2.03934	0.690305	1
cg09095525	0.255752	1.43227	1.43227	0.0473771	1.98764	1.98764	0.0615405	1.89221	1.89221	0.765403	0.913368	-1.09485	2.626	3.81374	1.29093	1
cg21877956	0.865871	0.944166	-1.05914	0.0220604	0.393342	-2.54231	0.423857	0.757603	-1.31995	0.965562	0.985434	-1.01478	2.626	4.80373	1.62604	1
cg22466995	?	?	?	0.0429189	0.211342	-4.73166	0.822587	1.16162	1.16162	0.98102	0.984255	-1.016	2.65579	16.6388	6.26509	1
cg01483627	0.552092	1.46788	1.46788	0.00919003	0.121207	-8.25036	0.0987526	0.315057	-3.17403	0.454759	0.61521	-1.62546	2.62598	16.9304	5.73091	1
cg08726667	0.24063	0.534377	-1.87134	0.0381219	0.29345	-3.40773	0.940837	0.962845	-1.03859	0.184329	0.487575	-2.05096	2.62593	10.8215	3.66313	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19975916	GPR81	0.0943467	0.111552	0.458035	-2.18324	0.0214031	0.287805	-3.47458	0.1074	0.453098	-2.20703	0.624256	0.800587	-1.24908	0.0532116	0.371758	-2.68993	0.187986	0.533374	-1.87486	0.0446299	0.353911	-2.82557	0.0229198	0.293449	-3.40774	0.801691	0.892814	-1.12005	2.62592	8.44099	2.85732	1
cg26757503	AKT1S1;AKT1S1;AKT1S1	0.0943473	0.762864	0.844517	-1.18411	0.24259	0.50513	-1.97969	0.0370687	0.258724	-3.86513	0.185643	0.456681	-2.18971	0.00409468	0.116352	-8.59464	0.979309	1.01459	1.01459	0.799456	0.867477	-1.15277	0.644042	1.29672	1.29672	0.919826	0.945327	-1.05784	2.62592	12.9702	4.39051	1
cg07285621	CLDN14;CLDN14	0.0943481	0.217409	0.567266	-1.76284	0.0433371	2.76004	2.76004	0.988665	1.00623	1.00623	0.0261761	0.315843	-3.16613	0.998729	1.0007	1.0007	0.12373	0.482705	-2.07166	0.208238	0.560104	-1.78538	0.103567	0.459447	-2.17653	0.667179	1.20804	1.20804	2.62591	7.93767	2.68696	1
cg21696055	ARHGEF10L;ARHGEF10L	0.0943494	0.478303	0.820627	-1.21858	0.00538025	2.73189	2.73189	0.710875	0.902933	-1.1075	0.663184	1.12769	1.12769	0.126801	0.635783	-1.57286	0.21364	1.43206	1.43206	0.978334	0.99258	-1.00748	0.172264	1.48948	1.48948	0.543067	1.18391	1.18391	2.62589	3.12765	1.05874	1
cg23837265	C10orf116;AGAP11	0.0943522	0.62594	1.29638	1.29638	0.0409954	0.287602	-3.47703	0.205313	0.493569	-2.02606	0.198349	0.487576	-2.05096	0.101111	0.387251	-2.5823	0.787839	0.86716	-1.15319	0.0480026	3.30156	3.30156	0.139454	2.31723	2.31723	0.924266	1.05153	1.05153	2.62586	11.6118	3.93076	1
cg19252218	ARL4D	0.0943532	0.906301	0.952601	-1.04976	0.0138358	3.50606	3.50606	0.0132331	3.5477	3.5477	0.545071	1.28734	1.28734	0.0966623	2.12145	2.12145	0.0657272	2.34347	2.34347	0.196741	1.75566	1.75566	0.497077	1.32888	1.32888	0.23356	1.67372	1.67372	2.62585	7.07272	2.39422	1
cg26686366	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.0943532	0.142534	0.51705	-1.93405	0.538522	1.2977	1.2977	0.461309	0.730637	-1.36867	0.452077	0.725725	-1.37793	0.00216303	0.16505	-6.05875	0.266999	0.616362	-1.62242	0.626895	0.814655	-1.22751	0.312313	0.645734	-1.54863	0.475685	0.738221	-1.35461	2.62585	7.2824	2.4652	1
cg15951557	GFRA3	0.0943542	0.0445683	0.558165	-1.79158	0.463349	0.828026	-1.20769	0.530939	1.17405	1.17405	0.0408293	0.550538	-1.81641	0.235224	0.730142	-1.3696	0.233725	0.729336	-1.37111	0.101643	0.635686	-1.5731	0.0768362	1.64454	1.64454	0.188533	0.703126	-1.42222	2.62583	2.65798	0.899771	1
cg15007228	SKI	0.0943572	0.577725	0.833942	-1.19912	0.046756	2.08575	2.08575	0.150508	1.64475	1.64475	0.746127	1.11059	1.11059	0.116822	0.576866	-1.7335	0.267013	0.688398	-1.45265	0.0257145	0.425111	-2.35233	0.34208	0.729004	-1.37173	0.709254	1.12855	1.12855	2.6258	4.33578	1.46775	1
cg04117301	KIAA1217;KIAA1217;KIAA1217	0.0943574	0.0192078	0.588099	-1.70039	0.0400961	1.55974	1.55974	0.63595	1.09347	1.09347	0.637787	0.914971	-1.09293	0.366163	0.840315	-1.19003	0.0920262	0.706417	-1.41559	0.357269	1.19413	1.19413	0.418614	0.856523	-1.16751	0.351584	0.835567	-1.19679	2.6258	1.46032	0.49435	1
cg19622348	XRN1;XRN1	0.09436	0.165018	0.741865	-1.34795	0.784922	1.0567	1.0567	0.0996376	0.695014	-1.43882	0.0161679	0.552561	-1.80975	0.779272	1.05828	1.05828	0.586879	0.895289	-1.11696	0.353949	0.825083	-1.212	0.631429	1.10235	1.10235	0.0442371	1.59349	1.59349	2.62577	1.69026	0.572195	1
cg17314160	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.0943628	0.271201	0.562418	-1.77804	0.147297	2.18423	2.18423	0.786588	1.14608	1.14608	0.0592092	0.342951	-2.91587	0.0148433	0.221863	-4.50729	0.208797	0.513927	-1.9458	0.105888	0.411744	-2.42869	0.174948	0.484411	-2.06436	0.24565	0.543313	-1.84056	2.62573	10.497	3.55354	1
cg22812013	HTR4;HTR4	0.0943635	0.224163	0.806378	-1.24011	0.299259	1.19879	1.19879	0.0311518	0.652945	-1.53152	0.233369	0.810116	-1.23439	0.513873	1.11803	1.11803	0.216391	0.803133	-1.24512	0.0281943	1.54769	1.54769	0.64733	1.08072	1.08072	0.627523	1.0859	1.0859	2.62572	1.18114	0.399854	1
cg08498475	ELAVL3;ELAVL3	0.0943638	0.135904	4.44515	4.44515	0.0182826	14.2806	14.2806	0.0124286	17.9581	17.9581	0.21358	3.37305	3.37305	0.156395	4.08546	4.08546	0.632902	1.56318	1.56318	0.115814	4.88812	4.88812	0.157145	4.07366	4.07366	0.0528887	7.70976	7.70976	2.62572	35.8378	12.1322	1
cg20597619	DLGAP2	0.094364	0.0647321	0.310921	-3.21625	0.0735123	0.325112	-3.07586	0.0537403	0.291314	-3.43272	0.575319	0.72707	-1.37538	0.0354438	0.251839	-3.97079	0.147135	0.416426	-2.40139	0.0269958	0.228862	-4.36944	0.0339168	0.247981	-4.03257	0.235027	0.496154	-2.0155	2.62572	13.1863	4.46398	1
cg21238257	DCUN1D2	0.0943653	0.0132545	8.88547	8.88547	0.125133	3.25857	3.25857	0.0423519	5.27992	5.27992	?	?	?	0.709088	1.30565	1.30565	0.333824	2.03271	2.03271	0.691701	0.753036	-1.32796	0.817398	1.17891	1.17891	0.0399555	5.41766	5.41766	2.6555	18.9323	7.12947	1
cg08141928	HIF1A;HIF1A;HIF1A;HIF1A	0.0943678	0.675562	1.04791	1.04791	0.0482976	1.28517	1.28517	0.952998	0.993468	-1.00658	0.0511351	0.781177	-1.28012	0.0794884	1.24162	1.24162	0.66068	1.05034	1.05034	0.0706529	0.798836	-1.25182	0.464487	1.0863	1.0863	0.230865	1.14998	1.14998	2.62567	0.514066	0.174031	1
cg09017928	PTPRN2;PTPRN2;PTPRN2	0.0943683	0.0488103	0.227606	-4.39356	0.0100911	0.118186	-8.46124	0.228007	0.435004	-2.29883	0.652818	1.34701	1.34701	0.133223	0.344533	-2.90248	0.147312	0.359547	-2.78128	0.0560217	0.240786	-4.15307	0.728269	1.2579	1.2579	0.868075	0.896408	-1.11556	2.62567	17.9957	6.09223	1
cg18800391	CUL9	0.0943716	0.740874	0.871065	-1.14802	0.882259	0.940217	-1.06358	0.733845	1.15253	1.15253	0.218895	0.584003	-1.71232	0.0126514	0.275475	-3.63009	0.0321497	0.35209	-2.84018	0.0269261	0.336237	-2.97409	0.769645	1.12991	1.12991	0.94532	1.02894	1.02894	2.62563	7.19458	2.43568	1
cg24751407	UST;UST	0.0943721	0.253552	0.764458	-1.30812	0.219253	1.33779	1.33779	0.0675496	1.58618	1.58618	0.280042	0.776513	-1.28781	0.0657445	0.628055	-1.59222	0.836144	1.04776	1.04776	0.0312358	0.565897	-1.76711	0.398196	0.822964	-1.21512	0.217458	0.746568	-1.33946	2.62562	2.10988	0.714288	1
cg02527030	GPHB5	0.0943726	0.433285	0.746911	-1.33885	0.190191	0.602713	-1.65916	0.0312066	0.397472	-2.5159	0.0118995	0.318036	-3.1443	0.180496	0.595132	-1.6803	0.309515	0.681273	-1.46784	0.172987	1.69757	1.69757	0.16527	0.582672	-1.71623	0.719484	0.876679	-1.14067	2.62562	5.53814	1.87491	1
cg02434703	C20orf177	0.0943759	0.0456423	0.348841	-2.86664	0.449892	0.701996	-1.42451	0.718111	1.18127	1.18127	0.613394	0.791263	-1.2638	0.302943	1.63292	1.63292	0.701333	1.19374	1.19374	0.012105	0.237521	-4.21016	0.127631	2.13191	2.13191	0.346241	0.64034	-1.56167	2.62558	8.78177	2.97307	1
cg01788994	UNC5C	0.0943762	0.956151	1.01332	1.01332	0.0485915	1.71998	1.71998	0.728884	0.919649	-1.08737	0.111455	0.658791	-1.51793	0.346306	0.791783	-1.26297	0.423792	0.821474	-1.21732	0.0949271	1.55546	1.55546	0.691579	0.908474	-1.10075	0.0259205	1.88991	1.88991	2.62557	2.40972	0.815811	1
cg11265528	SNRPD3;C22orf13	0.094378	0.435125	0.815464	-1.2263	0.0462051	1.79526	1.79526	0.122745	1.53482	1.53482	0.654114	1.12248	1.12248	0.906805	1.03046	1.03046	0.75614	0.923295	-1.08308	0.0101422	0.4357	-2.29516	0.908974	1.02973	1.02973	0.467833	1.20834	1.20834	2.62555	2.72916	0.923966	1
cg20458563	KIRREL;KIRREL	0.0943781	0.0631932	1.39423	1.39423	0.596837	1.08861	1.08861	0.0250405	1.52806	1.52806	0.406093	1.14474	1.14474	0.288556	1.19152	1.19152	0.59358	0.917896	-1.08945	0.0290823	0.664248	-1.50546	0.707688	0.94185	-1.06174	0.967194	0.99348	-1.00656	2.62555	1.05188	0.356118	1
cg10141377	NEUROD2	0.0943784	0.432729	1.18019	1.18019	0.0457217	1.6064	1.6064	0.539949	0.879503	-1.13701	0.0904151	1.47121	1.47121	0.0451115	0.621437	-1.60917	0.260524	0.784394	-1.27487	0.249572	0.779574	-1.28275	0.4126	1.18927	1.18927	0.2303	1.29749	1.29749	2.62555	1.78057	0.602819	1
cg02380813	GNAQ	0.0943808	0.11678	0.671713	-1.48873	0.0133823	0.489016	-2.04492	0.64349	1.11498	1.11498	0.735636	0.923915	-1.08235	0.0299685	0.550859	-1.81535	0.866421	0.96145	-1.0401	0.475952	1.18444	1.18444	0.568981	1.14388	1.14388	0.27347	1.3049	1.3049	2.62552	2.26753	0.767688	1
cg17025555	OR6K6	0.094384	0.0146897	0.0577997	-17.3011	0.135929	0.217594	-4.59571	0.273294	0.338885	-2.95085	0.0711445	0.147608	-6.7747	0.0751697	0.152498	-6.55747	0.18568	0.263966	-3.78837	0.868383	0.854352	-1.17048	0.0362413	0.0991508	-10.0857	0.04063	0.10607	-9.42778	2.62548	37.4581	12.6819	1
cg27384560	KIAA0182;KIAA0182	0.094385	0.537135	1.23905	1.23905	0.856603	1.06401	1.06401	0.88254	1.05202	1.05202	0.907849	0.961062	-1.04052	0.00185582	0.21978	-4.55	0.866624	0.943976	-1.05935	0.474866	1.28307	1.28307	0.831225	0.929409	-1.07595	0.963803	0.984555	-1.01569	2.62547	4.89184	1.6562	1
cg14399988	PHYHIP;PHYHIP	0.0943919	0.282187	2.16901	2.16901	0.010848	9.17468	9.17468	0.11924	3.22651	3.22651	0.255597	2.27565	2.27565	0.110032	0.299151	-3.3428	0.302533	0.477129	-2.09587	0.635678	1.39186	1.39186	0.172768	2.73259	2.73259	0.910058	1.08144	1.08144	2.62539	19.9589	6.75758	1
cg26389492	ALS2CR4;ALS2CR4	0.0943932	0.272484	1.47891	1.47891	0.0142529	2.81688	2.81688	0.0246992	2.4999	2.4999	0.37504	1.36604	1.36604	0.942488	0.975585	-1.02503	0.0360582	2.30548	2.30548	0.122662	1.77367	1.77367	0.907538	0.960977	-1.04061	0.135157	1.7363	1.7363	2.62537	4.88019	1.65232	1
cg06713098	IGFBP3;IGFBP3	0.0943955	0.193572	1.60776	1.60776	0.00377816	3.85311	3.85311	0.316345	1.42985	1.42985	0.861927	1.06193	1.06193	0.329084	1.41578	1.41578	0.10331	1.84969	1.84969	0.405688	0.745544	-1.3413	0.546836	0.810211	-1.23425	0.539993	1.23881	1.23881	2.62534	4.95396	1.67731	1
cg23012703	PIAS1	0.0943957	0.469415	1.39014	1.39014	0.0228633	3.49299	3.49299	0.0367537	3.03143	3.03143	?	?	?	?	?	?	0.220405	0.560138	-1.78527	0.887653	1.06514	1.06514	0.414563	0.688293	-1.45287	0.54259	0.759086	-1.31737	2.86156	6.87582	2.40283	1
cg09867667	COMMD3	0.0943982	0.133646	0.301073	-3.32146	0.0957529	0.257261	-3.8871	0.428535	0.548962	-1.82162	0.495384	1.67142	1.67142	0.0484409	0.187675	-5.32835	0.110808	0.275498	-3.62979	0.023166	0.133406	-7.49594	0.044192	0.179903	-5.55855	0.0794453	0.235843	-4.2401	2.62531	22.8928	7.75112	1
cg18496965	C6orf25;C6orf25;C6orf25;C6orf25;C6orf25;C6orf25;LY6G6C	0.0943999	0.326474	0.718208	-1.39235	0.660291	0.865449	-1.15547	0.277361	0.69135	-1.44645	0.409569	0.75915	-1.31726	0.0038946	0.280859	-3.5605	0.119753	0.576071	-1.7359	0.0441734	0.469825	-2.12845	0.716349	0.88761	-1.12662	0.0875465	0.539983	-1.85191	2.62529	4.43859	1.50285	1
cg08748615	BMP8A	0.0944014	0.0980421	0.464945	-2.15079	0.00464267	0.204139	-4.89862	0.759142	1.13857	1.13857	0.189513	1.79763	1.79763	0.892215	0.944395	-1.05888	0.155842	0.526895	-1.89791	0.484074	0.74075	-1.34998	0.794507	0.895699	-1.11645	0.514171	0.756415	-1.32203	2.62528	7.40416	2.50697	1
cg02925240	PTPRN2;PTPRN2;PTPRN2	0.0944039	0.41221	1.23657	1.23657	0.101288	1.57526	1.57526	0.461626	0.827121	-1.20901	0.815561	0.94254	-1.06096	0.0491018	0.566141	-1.76635	0.626044	1.13244	1.13244	0.0134428	2.17084	2.17084	0.255096	1.35111	1.35111	0.696377	0.905455	-1.10442	2.62525	2.66693	0.903004	1
cg26090554	DSN1;DSN1;DSN1;DSN1;DSN1	0.0944056	0.75554	0.966921	-1.03421	0.743342	1.03602	1.03602	0.155937	0.849166	-1.17763	0.214993	1.15095	1.15095	0.204643	0.865747	-1.15507	0.119139	1.19981	1.19981	0.00942882	0.701576	-1.42536	0.75251	1.03466	1.03466	0.334658	0.898375	-1.11312	2.62523	0.482337	0.163317	1
cg07521789	MIR382	0.0944058	0.590634	0.786717	-1.2711	0.461201	1.3929	1.3929	0.790043	1.12511	1.12511	0.213403	1.7839	1.7839	0.00864283	0.227889	-4.38811	0.480103	1.37314	1.37314	0.0633455	2.51533	2.51533	0.371705	1.49954	1.49954	0.477759	0.726985	-1.37554	2.62522	8.1136	2.74723	1
cg17866455	SCAND2;SCAND2	0.0944086	0.101791	0.375939	-2.66001	0.0898629	0.360161	-2.77654	0.0562798	0.307072	-3.25656	0.967397	1.02258	1.02258	0.0397817	0.272979	-3.66328	0.189152	0.467764	-2.13783	0.0202798	0.216839	-4.61172	0.0343383	0.259667	-3.85108	0.381636	0.612557	-1.6325	2.62519	12.4042	4.20005	1
cg13952769	NUP214	0.0944095	0.131964	1.85482	1.85482	0.261134	1.56095	1.56095	0.149059	1.80026	1.80026	0.741703	1.13391	1.13391	0.0272785	0.370628	-2.69813	0.67374	0.851379	-1.17457	0.57237	0.805118	-1.24205	0.0286122	2.66769	2.66769	0.477853	1.31547	1.31547	2.62518	6.00261	2.03249	1
cg10189525	NFKB1;NFKB1	0.0944096	0.200161	0.872994	-1.14548	0.456352	1.07911	1.07911	0.0926955	1.20405	1.20405	0.0352546	1.27905	1.27905	0.0265938	0.768145	-1.30184	0.539335	0.939532	-1.06436	0.680736	1.0424	1.0424	0.375609	1.09556	1.09556	0.946524	0.99329	-1.00675	2.62518	0.41882	0.141813	1
cg05179529	LIN52;ALDH6A1	0.0944109	0.140007	0.517247	-1.93331	0.223059	0.587695	-1.70156	0.156236	0.532737	-1.8771	0.388992	1.44273	1.44273	0.0150628	0.289279	-3.45687	0.0816012	0.44873	-2.22851	0.358855	1.47951	1.47951	0.34287	1.50037	1.50037	0.624499	1.2273	1.2273	2.62516	7.16671	2.42667	1
cg24063856	CRHR1;CRHR1;CRHR1;CRHR1	0.0944148	0.303295	1.82653	1.82653	0.00973083	6.3441	6.3441	0.0626155	3.26682	3.26682	0.71471	1.2305	1.2305	0.671795	0.786013	-1.27224	0.127784	2.53523	2.53523	0.935834	0.955527	-1.04654	0.0246219	4.53656	4.53656	0.302418	1.82867	1.82867	2.62512	13.2718	4.49394	1
cg15380115	LYPD1;NCKAP5;NCKAP5	0.0944183	0.895555	0.948018	-1.05483	0.248736	0.612614	-1.63235	0.0545077	0.412048	-2.4269	0.196255	1.74261	1.74261	0.0342428	2.72922	2.72922	0.473071	1.34527	1.34527	0.0401256	2.62199	2.62199	0.836836	1.08742	1.08742	0.42148	1.3962	1.3962	2.62507	6.8677	2.32551	1
cg10980868	RING1	0.0944227	0.372245	0.854479	-1.1703	0.0961529	0.730773	-1.36841	0.63722	1.08496	1.08496	0.164564	0.775257	-1.28989	0.0761038	0.712608	-1.4033	0.188292	0.787165	-1.27038	0.0275019	1.56449	1.56449	0.259373	1.22384	1.22384	0.90931	0.980629	-1.01975	2.62502	1.22521	0.414881	1
cg11861491	DEFB123	0.0944266	0.0716199	0.423118	-2.36341	0.171921	0.536998	-1.8622	0.800601	0.897439	-1.11428	0.89432	0.944758	-1.05847	0.0187367	0.295822	-3.38041	0.904244	1.0528	1.0528	0.023414	0.314153	-3.18317	0.450336	1.3894	1.3894	0.0807633	0.436915	-2.28877	2.62498	7.6004	2.5737	1
cg09293559	ZFHX3;ZFHX3	0.0944298	0.0947358	0.684154	-1.46166	0.413413	0.841283	-1.18866	0.0249292	0.576035	-1.736	0.00863809	0.500556	-1.99778	0.432421	0.847389	-1.1801	0.75364	0.936998	-1.06724	0.393723	1.1979	1.1979	0.948441	0.986723	-1.01346	0.687616	1.08714	1.08714	2.62494	1.77605	0.601427	1
cg06182770	RFPL1S	0.0944321	0.0415183	0.354074	-2.82427	0.090291	0.438443	-2.2808	0.0200952	0.289754	-3.45121	0.289582	0.615361	-1.62506	0.0194231	0.287014	-3.48415	0.156817	0.512267	-1.95211	0.143014	0.498919	-2.00433	0.0715038	0.411066	-2.4327	0.656967	0.820836	-1.21827	2.62491	8.11133	2.74679	1
cg02425869	FAM46D	0.0944378	0.72163	0.803885	-1.24396	0.0362668	0.226369	-4.41757	0.0163489	0.166775	-5.99609	0.638553	1.33469	1.33469	0.0588824	0.272021	-3.67618	0.962336	1.02923	1.02923	0.863663	1.11057	1.11057	0.44993	0.625136	-1.59965	0.0370096	0.228117	-4.38371	2.62484	15.4793	5.24198	1
cg02162578	ZBTB16;ZBTB16	0.094439	0.931479	0.979986	-1.02042	0.144288	0.691626	-1.44587	0.319894	0.785343	-1.27333	0.675706	0.905828	-1.10396	0.985055	0.995606	-1.00441	0.51049	1.16991	1.16991	0.00386266	2.49695	2.49695	0.559297	1.1489	1.1489	0.3826	1.23429	1.23429	2.62483	2.29751	0.778042	1
cg24628013	GABBR1;GABBR1;GABBR1	0.0944392	0.0464685	0.341596	-2.92743	0.0108713	0.221769	-4.5092	0.124147	0.456477	-2.19069	0.617534	1.26759	1.26759	0.103663	0.432491	-2.31219	0.406236	0.670192	-1.49211	0.0446882	0.337715	-2.96107	0.775168	0.873823	-1.1444	0.177196	0.508885	-1.96508	2.62483	9.22208	3.12303	1
cg17515737	EPHA10;EPHA10	0.0944399	0.724324	0.956445	-1.04554	0.0126707	1.4765	1.4765	0.0380303	1.35317	1.35317	0.863716	0.978627	-1.02184	0.624914	1.06392	1.06392	0.690536	0.950919	-1.05161	0.282082	0.86886	-1.15093	0.177964	1.19723	1.19723	0.0825516	1.27356	1.27356	2.62482	0.657453	0.222645	1
cg26195710	GNRH1;GNRH1	0.0944424	0.0990303	1.35638	1.35638	0.040682	0.671455	-1.4893	0.179405	0.786338	-1.27172	0.162446	1.28578	1.28578	0.74233	0.94591	-1.05718	0.362773	1.17077	1.17077	0.868413	1.02834	1.02834	0.147792	0.769716	-1.29918	0.0719536	0.71279	-1.40294	2.62479	1.181	0.399947	1
cg05560635	MSI2	0.0944429	0.103191	1.63582	1.63582	0.0598735	1.79713	1.79713	0.0584423	1.8046	1.8046	0.340561	1.3115	1.3115	0.799286	0.932069	-1.07288	0.0276019	2.05278	2.05278	0.101087	1.64171	1.64171	0.310678	0.748551	-1.33591	0.485972	0.822454	-1.21587	2.62478	3.16894	1.07317	1
cg05069835	UPK3B;UPK3B	0.0944443	0.885398	0.94676	-1.05623	0.0258326	0.366451	-2.72888	0.0220627	0.352931	-2.83342	0.534755	1.26933	1.26933	0.379225	0.710199	-1.40806	0.514964	0.778434	-1.28463	0.0140137	0.316362	-3.16094	0.850858	0.931085	-1.07402	0.430029	0.7367	-1.35741	2.62477	5.98229	2.02593	1
cg18483404	CUZD1	0.0944443	0.127579	0.435791	-2.29468	0.00438932	0.146946	-6.80522	0.0294136	0.274404	-3.64426	0.8537	0.91114	-1.09753	0.505229	0.711178	-1.40612	0.292389	0.576545	-1.73447	0.231635	0.531274	-1.88227	0.255835	0.549916	-1.81846	0.945118	1.03532	1.03532	2.62477	10.565	3.57789	1
cg07116972	CMTM7;CMTM7	0.0944551	0.22607	0.317572	-3.1489	0.056531	0.142554	-7.01488	0.610986	0.629456	-1.58867	0.216909	0.309629	-3.22968	0.0180999	0.074999	-13.3335	0.271772	0.356181	-2.80756	0.0164632	0.0710307	-14.0784	0.0484156	0.130697	-7.65128	0.106197	0.203504	-4.9139	2.62464	33.8472	11.4631	1
cg17853635	C6orf155	0.094456	0.377659	1.7282	1.7282	0.212651	2.21069	2.21069	0.0192682	0.180702	-5.53398	0.642445	1.32654	1.32654	0.0750834	0.301819	-3.31325	0.4567	0.632479	-1.58108	0.443063	0.623352	-1.60423	0.116444	2.80378	2.80378	0.288804	1.94544	1.94544	2.62463	15.183	5.14206	1
cg06169557	ZBTB12	0.0944588	0.0346194	0.332507	-3.00745	0.427987	0.696491	-1.43577	0.7047	0.843512	-1.18552	0.763831	0.873994	-1.14417	0.0281574	0.313893	-3.1858	0.0456808	0.359133	-2.78448	0.0562721	0.380531	-2.62791	0.650824	0.815741	-1.22588	0.0236766	0.299016	-3.3443	2.6246	8.30422	2.81244	1
cg21966378	6-Mar	0.0944588	0.0357693	0.736524	-1.35773	0.978664	1.00335	1.00335	0.470386	0.912179	-1.09628	0.444587	0.907056	-1.10247	0.725688	0.956864	-1.04508	0.15403	0.826122	-1.21048	0.0102794	0.667093	-1.49904	0.0238719	0.713592	-1.40136	0.827524	1.02769	1.02769	2.6246	0.651275	0.220571	1
cg25191172	ZBTB22;ZBTB22	0.0944589	0.751701	1.09226	1.09226	0.0883688	0.592914	-1.68659	0.823784	1.06397	1.06397	0.256007	1.39047	1.39047	0.0166474	0.443601	-2.25428	0.504391	0.828333	-1.20724	0.0367654	1.96301	1.96301	0.839238	1.0581	1.0581	0.831669	0.942539	-1.06096	2.62459	3.21279	1.0881	1
cg11558654	PCDHB11	0.0944597	0.0962953	3.08958	3.08958	0.0938184	3.12105	3.12105	0.115604	2.87653	2.87653	0.139065	2.67384	2.67384	0.163168	2.50785	2.50785	0.275684	2.01471	2.01471	0.0359348	4.51498	4.51498	0.00930041	7.67697	7.67697	0.0662204	3.57071	3.57071	2.62458	15.861	5.37176	1
cg26954695	MZF1;MGC2752;LOC100131691;MZF1	0.0944599	0.0749335	0.112801	-8.86517	0.0388355	0.0707653	-14.1312	0.11658	0.15434	-6.47921	0.79284	0.752138	-1.32954	0.0541502	0.0896425	-11.1554	0.529994	1.99296	1.99296	0.0134382	0.0324908	-30.778	0.487999	0.465776	-2.14695	0.140786	0.176691	-5.65961	2.79665	50.7468	14.1132	1
cg18838013	GANC;TMEM87A;TMEM87A	0.0944624	0.380572	0.874745	-1.14319	0.970458	0.994505	-1.00553	0.0433028	1.41317	1.41317	0.873969	0.976658	-1.0239	0.00921476	1.63534	1.63534	0.335882	1.1591	1.1591	0.308472	1.16981	1.16981	0.0654492	1.36023	1.36023	0.173383	1.24053	1.24053	2.62455	0.920218	0.311661	1
cg08137638	PDIA3P	0.0944625	0.772399	1.07074	1.07074	0.244605	1.33225	1.33225	0.0710704	1.60837	1.60837	0.31784	1.2755	1.2755	0.0752313	1.59497	1.59497	0.323845	1.27143	1.27143	0.0174708	1.97747	1.97747	0.00901737	2.18677	2.18677	0.596391	1.13424	1.13424	2.62455	2.30879	0.781947	1
cg17148395	IGDCC3	0.0944626	0.295036	1.82317	1.82317	0.948415	1.03643	1.03643	0.426219	0.638057	-1.56726	0.814938	1.13845	1.13845	0.106416	2.65123	2.65123	0.114477	2.58417	2.58417	0.00574419	7.40527	7.40527	0.160258	2.29254	2.29254	0.452321	0.654788	-1.52721	2.62455	12.7133	4.30576	1
cg18227086	PTS	0.0944637	0.487538	1.15975	1.15975	0.582515	1.12374	1.12374	0.0313751	0.588292	-1.69984	0.620378	1.11062	1.11062	0.286569	1.2618	1.2618	0.0957966	0.680853	-1.46875	0.0905213	0.675775	-1.47978	0.0908866	1.479	1.479	0.3246	1.23831	1.23831	2.62454	1.8353	0.621588	1
cg02529095	PDZD7	0.0944644	0.105629	0.554674	-1.80286	0.55763	1.21861	1.21861	0.0603476	0.493502	-2.02633	0.964157	0.985129	-1.0151	0.026915	0.41739	-2.39584	0.0146245	0.36701	-2.72472	0.102541	0.551215	-1.81417	0.327352	0.713831	-1.40089	0.405685	0.753042	-1.32795	2.62453	4.62056	1.56491	1
cg04367395	MYO18A;MYO18A	0.0944651	0.168248	1.89451	1.89451	0.744101	1.15319	1.15319	0.230755	1.72819	1.72819	0.0236727	3.23948	3.23948	0.836125	0.91381	-1.09432	0.191265	0.547659	-1.82595	0.0801122	2.32776	2.32776	0.265539	0.60357	-1.65681	0.059183	2.52699	2.52699	2.62452	7.87107	2.66582	1
cg26987720	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0944651	0.120579	0.589695	-1.69579	0.0272183	2.27022	2.27022	0.603311	0.848355	-1.17875	0.407766	0.766723	-1.30425	0.0938913	0.561106	-1.7822	0.855758	0.944519	-1.05874	0.0756603	0.53779	-1.85946	0.331026	1.36975	1.36975	0.152886	0.618644	-1.61644	2.62452	4.09034	1.38534	1
cg01920524	ARPM1	0.0944673	0.489056	0.601511	-1.66248	0.0161556	8.40201	8.40201	0.106311	3.58088	3.58088	0.0844106	3.97752	3.97752	0.32054	0.475989	-2.10089	0.224809	0.397661	-2.51471	0.83743	0.861916	-1.16021	0.840548	1.15685	1.15685	0.227553	0.400043	-2.49973	2.6245	21.7443	7.36458	1
cg10320061	PDZD4	0.0944676	0.114344	0.346296	-2.88771	0.307919	1.91872	1.91872	0.384748	1.7337	1.7337	0.0392854	4.36037	4.36037	0.0204675	5.6093	5.6093	0.325963	0.534602	-1.87055	0.348497	0.551027	-1.81479	0.697843	0.785924	-1.27239	0.948124	0.96062	-1.04099	2.62449	15.8475	5.36739	1
cg11278510	WDR87;SIPA1L3	0.0944682	0.096507	0.744369	-1.34342	0.016903	0.6241	-1.60231	0.509337	1.11438	1.11438	0.180416	0.794439	-1.25875	0.176702	1.26155	1.26155	0.500373	0.895236	-1.11702	0.736906	1.05607	1.05607	0.1001	1.33842	1.33842	0.772091	1.04811	1.04811	2.62448	1.08796	0.368483	1
cg05156120	MEOX1;MEOX1;MEOX1	0.0944688	0.240144	0.630948	-1.58492	0.214617	1.631	1.631	0.0788039	0.481475	-2.07695	0.629924	1.19937	1.19937	0.0166898	0.334811	-2.98676	0.445066	0.747136	-1.33844	0.0415887	0.414884	-2.41031	0.498957	1.29306	1.29306	0.904582	1.04593	1.04593	2.62448	5.82815	1.97395	1
cg07423765	UNC119B	0.0944695	0.377076	1.41039	1.41039	0.00484127	4.1273	4.1273	0.022817	2.811	2.811	0.0810932	2.08283	2.08283	0.288514	1.51896	1.51896	0.177408	1.7226	1.7226	0.609933	1.21556	1.21556	0.383325	1.40376	1.40376	0.387035	1.39988	1.39988	2.62447	5.98258	2.02626	1
cg13579374	ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH	0.0944711	0.371601	1.14075	1.14075	0.804435	1.03625	1.03625	0.278826	1.17542	1.17542	0.195148	0.821446	-1.21736	0.538025	1.09363	1.09363	0.69082	1.05907	1.05907	0.0118369	0.636935	-1.57002	0.0328671	0.698892	-1.43084	0.955096	1.00812	1.00812	2.62445	0.856423	0.290066	1
cg21474955	GCHFR	0.0944717	0.400341	1.79281	1.79281	0.376465	0.540392	-1.85051	0.0169641	7.20298	7.20298	0.425145	1.73722	1.73722	0.300608	2.0696	2.0696	0.112075	0.309354	-3.23254	0.0532068	0.225494	-4.4347	0.78871	1.19979	1.19979	0.624605	0.715745	-1.39715	2.62444	19.1135	6.47367	1
cg14481604	SNORD116-22	0.0944743	0.0973973	0.386556	-2.58695	0.0154443	0.211666	-4.72442	0.868336	1.09056	1.09056	0.471118	0.681768	-1.46677	0.444826	0.665637	-1.50232	0.153869	0.450339	-2.22055	0.292221	1.77007	1.77007	0.962433	0.975688	-1.02492	0.0187631	0.225812	-4.42846	2.62441	11.349	3.84391	1
cg18874394	SIPA1L3	0.0944781	0.0795019	0.297571	-3.36054	0.177388	0.409536	-2.44179	0.342447	0.543837	-1.83878	0.491507	0.647192	-1.54514	0.0309891	0.20657	-4.84096	0.0611567	0.268759	-3.72081	0.0106176	0.135211	-7.39586	0.547677	1.46066	1.46066	0.384728	0.574081	-1.74191	2.62437	16.1187	5.45951	1
cg09998101	AVPR2;AVPR2;AVPR2	0.0944799	0.0952749	0.459125	-2.17806	0.0210452	0.307693	-3.24999	0.389792	0.68778	-1.45395	0.572712	0.784999	-1.27389	0.0457333	0.378032	-2.64528	0.344545	0.66133	-1.5121	0.0332122	0.347409	-2.87845	0.02792	0.331786	-3.01399	0.0980573	0.462675	-2.16134	2.62435	7.49723	2.53938	1
cg26736440	PTPRK;PTPRK	0.0944811	0.82845	0.911325	-1.0973	0.986299	0.99268	-1.00737	0.199447	0.559848	-1.7862	0.536383	0.764983	-1.30722	0.0384187	0.358299	-2.79097	0.765265	0.879745	-1.13669	0.0450393	2.67546	2.67546	0.0383417	2.79246	2.79246	0.375914	1.47525	1.47525	2.62433	7.60987	2.57754	1
cg23550947	MORC1;MORC1	0.0944821	0.0180298	0.509363	-1.96323	0.0241888	1.87959	1.87959	0.900724	0.971121	-1.02974	0.851558	0.956967	-1.04497	0.436285	1.205	1.205	0.749737	0.92761	-1.07804	0.102247	0.657113	-1.52181	0.607499	1.12936	1.12936	0.603542	1.1309	1.1309	2.62432	2.29148	0.776153	1
cg07101841	SEPT9;SEPT9;SEPT9	0.0944822	0.196844	0.508772	-1.96552	0.651974	0.798634	-1.25214	0.0538501	0.338208	-2.95676	0.402718	0.654354	-1.52822	0.45169	0.684036	-1.46191	0.718702	0.835993	-1.19618	0.00260601	0.126771	-7.88826	0.225342	0.532257	-1.87879	0.226442	0.533131	-1.87571	2.62432	10.1942	3.45291	1
cg04863452	CRHR2	0.0944831	0.315233	0.79616	-1.25603	0.300668	0.790241	-1.26544	0.306201	0.79251	-1.26181	0.0043135	0.432727	-2.31092	0.160924	0.719849	-1.38918	0.777391	0.939677	-1.0642	0.380669	1.21822	1.21822	0.240021	1.31003	1.31003	0.65391	0.905687	-1.10413	2.62431	2.00272	0.67835	1
cg16152676	CLCN4	0.0944833	0.273541	0.465113	-2.15002	0.00819202	0.103029	-9.70603	0.310036	0.493774	-2.02522	0.68367	1.3168	1.3168	0.286773	0.475642	-2.10242	0.0557005	0.233065	-4.29065	0.956001	0.963613	-1.03776	0.504803	0.634672	-1.57562	0.127692	3.02355	3.02355	2.62431	18.7572	6.35332	1
cg22563691	PNPLA3	0.0944834	0.885083	0.965464	-1.03577	0.109742	1.52765	1.52765	0.0328174	1.83455	1.83455	0.803364	1.06251	1.06251	0.01662	0.491247	-2.03564	0.512909	1.175	1.175	0.272102	0.75743	-1.32025	0.588155	0.875576	-1.1421	0.900421	0.970035	-1.03089	2.6243	2.45487	0.8315	1
cg16793755	SLC26A4	0.0944853	0.101354	0.381172	-2.62349	0.00644132	0.148809	-6.72	0.12814	0.412986	-2.42139	0.987711	1.00832	1.00832	0.0830447	0.356344	-2.80627	0.775191	0.85731	-1.16644	0.0376312	0.273447	-3.65702	0.755165	0.845193	-1.18316	0.750935	0.842641	-1.18675	2.62428	12.0154	4.06984	1
cg15552493	MAP4K4;MAP4K4;MAP4K4	0.0944874	0.425314	0.728057	-1.37352	0.672703	1.18015	1.18015	0.540155	1.27349	1.27349	0.747299	1.13431	1.13431	0.302678	0.659532	-1.51623	0.352315	1.45226	1.45226	0.286605	1.53937	1.53937	0.00287001	4.9475	4.9475	0.335308	1.47304	1.47304	2.62426	6.31625	2.13944	1
cg05732883	PYROXD2	0.0944885	0.863387	0.955191	-1.04691	0.734254	1.09494	1.09494	0.31621	0.758934	-1.31764	0.111123	0.630017	-1.58726	0.290609	1.33902	1.33902	0.476481	1.21254	1.21254	0.00880333	2.43014	2.43014	0.264814	1.36256	1.36256	0.199071	0.696828	-1.43507	2.62424	2.9451	0.997569	1
cg02726898	C1QTNF8	0.0944889	0.602586	0.766594	-1.30447	0.57387	1.33309	1.33309	0.933704	0.958778	-1.04299	0.487564	1.42883	1.42883	0.00327194	0.131565	-7.6008	0.983926	1.01025	1.01025	0.27648	1.77311	1.77311	0.282529	1.75947	1.75947	0.515574	0.716357	-1.39595	2.62424	10.6402	3.60407	1
cg01723761	A2LD1	0.0944936	0.0162025	1.44391	1.44391	0.398782	1.11394	1.11394	0.923302	0.988044	-1.0121	0.0426222	1.33852	1.33852	0.565818	1.0752	1.0752	0.72372	1.04533	1.04533	0.0482628	1.32568	1.32568	0.125801	0.813086	-1.22988	0.99582	0.999346	-1.00065	2.62418	0.648449	0.219649	1
cg08371333	ZNF831	0.0944942	0.208818	0.647928	-1.54338	0.686921	0.875714	-1.14193	0.177003	0.624978	-1.60006	0.449977	1.28679	1.28679	0.148276	1.66189	1.66189	0.0343164	0.445424	-2.24505	0.154956	0.607393	-1.64638	0.0245497	0.415909	-2.40437	0.210481	0.649062	-1.54068	2.62418	4.45922	1.51047	1
cg07793889	TMEM106C;TMEM106C;TMEM106C;TMEM106C	0.0945021	0.531895	0.918749	-1.08844	0.288104	1.15905	1.15905	0.0562045	0.748708	-1.33563	0.0556717	0.748115	-1.33669	0.209317	1.19375	1.19375	0.0370361	0.723191	-1.38276	0.228491	1.1843	1.1843	0.712847	1.05072	1.05072	0.732453	1.047	1.047	2.62408	0.744404	0.252161	1
cg12401918	GPSM3;NOTCH4	0.0945027	0.0553907	1.52385	1.52385	0.535336	0.885347	-1.1295	0.183385	1.31499	1.31499	0.0117133	1.84215	1.84215	0.32479	1.21805	1.21805	0.157357	0.745776	-1.34089	0.520481	0.881298	-1.13469	0.586074	1.11256	1.11256	0.259859	1.25609	1.25609	2.62408	1.56393	0.529773	1
cg27574071	CTBP1;CTBP1	0.0945035	0.916641	0.96116	-1.04041	0.348231	1.44112	1.44112	0.0721846	2.13675	2.13675	0.124729	0.533194	-1.87549	0.766533	0.893452	-1.11925	0.222477	1.62434	1.62434	0.038518	2.4769	2.4769	0.0369002	2.50204	2.50204	0.352105	0.696058	-1.43666	2.62407	5.94996	2.01552	1
cg12930727	HYAL1;HYAL1;HYAL1;HYAL1;HYAL1;HYAL1	0.0945042	0.111091	2.45336	2.45336	0.00658094	6.19988	6.19988	0.132367	2.31552	2.31552	0.179201	2.09117	2.09117	0.124839	2.36088	2.36088	0.0878894	2.64818	2.64818	0.0400771	3.40975	3.40975	0.140124	2.27206	2.27206	0.234268	1.90536	1.90536	2.62406	11.1098	3.7634	1
cg10180165	TUBG2	0.094505	0.0211282	0.588978	-1.69786	0.456053	0.86508	-1.15596	0.624633	0.910147	-1.09872	0.353515	1.19992	1.19992	0.637717	0.913423	-1.09478	0.505883	1.13755	1.13755	0.0119679	1.8196	1.8196	0.993688	1.00151	1.00151	0.84708	0.963811	-1.03755	2.62405	1.51485	0.513151	1
cg03407666	NUP205	0.0945083	0.123761	1.82531	1.82531	0.035067	2.42633	2.42633	0.124385	1.82319	1.82319	0.42308	1.34361	1.34361	0.226307	0.632165	-1.58186	0.92935	0.968496	-1.03253	0.0521923	0.450595	-2.21929	0.537978	0.798436	-1.25245	0.230623	1.57453	1.57453	2.62401	5.41521	1.83442	1
cg06239726	FIGNL1;FIGNL1	0.0945098	0.462832	0.795279	-1.25742	0.0197604	0.421982	-2.36977	0.121454	1.67301	1.67301	0.112928	1.69694	1.69694	0.429285	0.7809	-1.28057	0.999087	0.999649	-1.00035	0.0973921	0.572623	-1.74635	0.123927	0.600089	-1.66642	0.927399	1.02833	1.02833	2.62399	3.9041	1.32253	1
cg13077031	JARID2	0.0945099	0.229459	2.219	2.219	0.0507826	4.08212	4.08212	0.102037	3.09924	3.09924	0.356394	1.82134	1.82134	0.286715	2.01224	2.01224	0.149206	2.65809	2.65809	0.0094507	7.99603	7.99603	0.0224094	5.63554	5.63554	0.141752	2.71439	2.71439	2.62399	16.6029	5.6243	1
cg12238343	RXFP3	0.0945111	0.578301	1.12799	1.12799	0.0618483	0.636968	-1.56994	0.0360263	1.68716	1.68716	0.203778	1.33333	1.33333	0.0671361	1.55284	1.55284	0.634593	0.902407	-1.10815	0.145826	0.7154	-1.39782	0.368884	1.21889	1.21889	0.437938	1.18495	1.18495	2.62398	1.9117	0.6476	1
cg25927753	DGUOK;DGUOK	0.0945117	0.536061	0.86604	-1.15468	0.137155	1.44411	1.44411	0.0117676	2.0589	2.0589	0.023663	1.85901	1.85901	0.0706848	1.58978	1.58978	0.609969	0.888619	-1.12534	0.610581	1.12511	1.12511	0.401007	1.21812	1.21812	0.542266	1.1521	1.1521	2.62397	2.18938	0.741669	1
cg10087092	RGS19;OPRL1;RGS19;OPRL1	0.0945133	0.202485	0.638001	-1.5674	0.208827	1.55659	1.55659	0.0185866	2.59383	2.59383	0.607839	0.841242	-1.18872	0.0908803	0.536824	-1.86281	0.503946	0.797312	-1.25421	0.0719633	0.511264	-1.95594	0.536014	0.811145	-1.23283	0.609241	0.84182	-1.1879	2.62395	4.63586	1.57044	1
cg10655046	FOXD4L1	0.0945144	0.194216	1.60757	1.60757	0.343928	1.40071	1.40071	0.0940074	1.88972	1.88972	0.424567	1.32561	1.32561	0.053489	2.13412	2.13412	0.402595	1.34457	1.34457	0.0158354	2.77758	2.77758	0.0114769	2.98354	2.98354	0.129714	1.76085	1.76085	2.62394	4.96481	1.68189	1
cg08183300	ARIH1	0.0945194	0.710571	0.914258	-1.09378	0.00367211	0.388842	-2.57174	0.284624	0.765444	-1.30643	0.872207	0.962025	-1.03947	0.614892	1.12975	1.12975	0.580968	0.874524	-1.14348	0.0950986	1.55437	1.55437	0.923533	1.02336	1.02336	0.835751	0.951298	-1.0512	2.62388	2.40347	0.81422	1
cg11856215	C11orf95	0.0945196	0.76518	0.949559	-1.05312	0.189886	0.786697	-1.27114	0.122751	1.33502	1.33502	0.767229	1.05263	1.05263	0.156428	0.769555	-1.29945	0.0693447	0.703941	-1.42057	0.0253206	0.631645	-1.58317	0.143425	0.762105	-1.31215	0.0688577	0.703407	-1.42165	2.62388	1.24072	0.420316	1
cg04234190	MACF1	0.0945204	0.0275458	0.465016	-2.15047	0.38431	0.774017	-1.29196	0.769939	1.08755	1.08755	0.368537	1.30382	1.30382	0.0144197	0.409802	-2.4402	0.132864	0.625393	-1.599	0.522188	0.830322	-1.20435	0.22447	1.44456	1.44456	0.849063	0.946945	-1.05603	2.79583	3.5475	0.986885	1
cg17339440	RAB11FIP1;RAB11FIP1	0.0945231	0.00992273	0.348449	-2.86986	0.986701	0.99462	-1.00541	0.053911	0.492489	-2.0305	0.550605	0.822461	-1.21586	0.219168	0.658196	-1.5193	0.203617	0.647711	-1.5439	0.0231722	0.415357	-2.40757	0.279042	0.6947	-1.43947	0.0813739	0.535113	-1.86876	2.62383	4.35343	1.47483	1
cg27656786	GPR126;GPR126;GPR126;GPR126	0.0945238	0.231209	0.587732	-1.70146	0.833816	0.914923	-1.09299	0.0457741	0.379424	-2.63557	0.453833	0.724036	-1.38115	0.0100879	0.253112	-3.95082	0.513604	1.3236	1.3236	0.0410721	0.368767	-2.71174	0.891053	1.05971	1.05971	0.133881	0.504507	-1.98213	2.62383	7.44279	2.52144	1
cg12794781	BEND7;BEND7	0.0945244	0.373891	0.911576	-1.097	0.278176	0.891923	-1.12117	0.147256	0.85407	-1.17086	0.45807	0.926223	-1.07965	0.0818132	1.21604	1.21604	0.183485	1.15389	1.15389	0.0206002	1.32691	1.32691	0.276062	0.891437	-1.12178	0.74589	0.967557	-1.03353	2.62382	0.427513	0.144832	1
cg14276120	TJP2;TJP2;TJP2;TJP2	0.0945257	0.869859	0.950453	-1.05213	0.80889	1.07799	1.07799	0.276404	0.704078	-1.4203	0.0485569	2.01035	2.01035	0.873159	0.951691	-1.05076	0.769522	1.09533	1.09533	0.0142897	0.392063	-2.55061	0.0717038	1.86488	1.86488	0.601665	1.1773	1.1773	2.6238	3.99121	1.35214	1
cg12592365	RPTOR;RPTOR	0.094526	0.0446021	0.297383	-3.36267	0.685922	0.807504	-1.23838	0.271782	0.547916	-1.8251	0.241338	0.524659	-1.906	0.350243	1.65807	1.65807	0.479818	1.45901	1.45901	0.0344066	0.27319	-3.66046	0.0542754	3.15389	3.15389	0.526698	0.713668	-1.40121	2.6238	11.4932	3.89365	1
cg22563987	TMC8	0.094526	0.95185	1.02195	1.02195	0.0371269	0.41896	-2.38686	0.0273112	0.391088	-2.55697	0.817392	0.920215	-1.0867	0.0671142	0.478201	-2.09117	0.796307	1.09746	1.09746	0.0200755	0.364808	-2.74116	0.758339	1.11733	1.11733	0.283858	0.670148	-1.49221	2.6238	5.37054	1.81943	1
cg17044526	GALNT9	0.0945275	0.785758	1.15064	1.15064	0.0497119	0.315721	-3.16736	0.100939	0.396468	-2.52227	0.0170578	0.223638	-4.47151	0.478749	1.44897	1.44897	0.893489	0.933337	-1.07142	0.0893417	2.62409	2.62409	0.968824	0.980074	-1.02033	0.47797	0.689676	-1.44996	2.62378	11.0212	3.73378	1
cg21103306	DBP;SEC1	0.0945286	0.161278	0.820423	-1.21888	0.253009	1.17112	1.17112	0.384167	1.12531	1.12531	0.747521	1.04366	1.04366	0.528139	0.918914	-1.08824	0.364665	1.13116	1.13116	0.862753	0.977367	-1.02316	0.0137882	0.668469	-1.49595	0.0531055	1.33745	1.33745	2.62377	0.727405	0.246433	1
cg21527411	GLYAT;GLYAT;GLYAT;GLYAT	0.094532	0.0154055	0.145147	-6.88956	0.140403	0.357168	-2.7998	0.0824074	0.286816	-3.48655	0.936935	0.949929	-1.05271	0.12746	0.343044	-2.91508	0.937716	0.950534	-1.05204	0.0936069	0.302099	-3.31018	0.0208328	0.164368	-6.08392	0.115787	0.329661	-3.03342	2.62373	17.5103	5.93228	1
cg10157972	LOC441294	0.0945324	0.0188376	0.249804	-4.00314	0.475293	0.701933	-1.42464	0.286033	0.582662	-1.71626	0.180649	0.500072	-1.99971	0.00866812	0.195704	-5.10975	0.29341	0.58782	-1.7012	0.0868204	0.397722	-2.51432	0.690417	1.21552	1.21552	0.180288	0.49975	-2.001	2.62372	9.87589	3.34584	1
cg18947000	SQSTM1;SQSTM1;MGAT4B;MGAT4B	0.0945328	0.0612962	0.736684	-1.35743	0.835793	1.03054	1.03054	0.702454	1.05721	1.05721	0.94659	0.990337	-1.00976	0.153653	1.24783	1.24783	0.0922772	0.764481	-1.30808	0.664699	0.938751	-1.06524	0.134845	0.791649	-1.26319	0.0269179	1.462	1.462	2.62372	0.872872	0.29572	1
cg23479458	CSNK1G2	0.0945391	0.266498	1.40984	1.40984	0.050004	1.94075	1.94075	0.0161722	2.39378	2.39378	0.514911	1.21642	1.21642	0.12469	0.610704	-1.63745	0.162198	1.55697	1.55697	0.0810321	1.7752	1.7752	0.98625	0.994901	-1.00513	0.960985	0.985592	-1.01462	2.62365	3.65733	1.2391	1
cg06870213	HMGCLL1;HMGCLL1	0.0945393	0.227038	2.00767	2.00767	0.133858	2.43144	2.43144	0.0342527	3.88632	3.88632	0.159694	2.28347	2.28347	0.240425	0.508933	-1.9649	0.385301	1.63091	1.63091	0.150511	0.428753	-2.33235	0.0435099	3.58129	3.58129	0.281352	1.85021	1.85021	2.62364	12.5491	4.25164	1
cg22560837	POP4;POP4	0.0945402	0.778494	1.40149	1.40149	0.0139045	51.3831	51.3831	0.0152307	47.2032	47.2032	0.64221	1.75235	1.75235	0.472171	0.414828	-2.41064	0.924432	0.892734	-1.12015	0.321151	0.289298	-3.45664	0.547873	0.481753	-2.07575	0.889909	1.18017	1.18017	3.04126	65.6021	14.3805	1
cg12533335	TAF1C;TAF1C	0.0945424	0.348546	1.20002	1.20002	0.013911	0.563228	-1.77548	0.879862	1.02899	1.02899	0.55632	1.11898	1.11898	0.227368	1.27052	1.27052	0.150135	1.33838	1.33838	0.0448818	0.647301	-1.54488	0.699944	0.929447	-1.07591	0.835957	1.03995	1.03995	2.62361	1.48322	0.50252	1
cg01918114	LMF1	0.0945453	0.110213	1.48359	1.48359	0.350484	0.804322	-1.24328	0.00939172	0.474151	-2.10903	0.738028	0.926758	-1.07903	0.22989	0.751673	-1.33037	0.127574	1.45258	1.45258	0.426613	1.20194	1.20194	0.836798	1.04785	1.04785	0.734241	1.08027	1.08027	2.62357	2.13348	0.722843	1
cg15861089	KRT86	0.0945459	0.345665	0.738882	-1.3534	0.552531	0.829255	-1.2059	0.0733034	0.536724	-1.86315	0.575636	1.1927	1.1927	0.00475799	0.310991	-3.21553	0.167877	0.632567	-1.58086	0.682327	1.13681	1.13681	0.444276	1.27507	1.27507	0.904431	1.03813	1.03813	2.62356	4.03404	1.36677	1
cg09031790	PRKCB;PRKCB	0.0945509	0.280803	0.631257	-1.58414	0.00650764	0.234281	-4.26839	0.0300518	0.350931	-2.84956	0.807349	1.10546	1.10546	0.177727	0.555559	-1.79999	0.376099	0.688831	-1.45174	0.126832	0.507799	-1.96928	0.575928	0.793021	-1.261	0.560137	1.27351	1.27351	2.62351	6.9975	2.37087	1
cg10699264	ZNF878	0.0945534	0.377659	1.22591	1.22591	0.0859426	0.652468	-1.53264	0.743648	1.07663	1.07663	0.349744	1.24183	1.24183	0.0562414	0.614784	-1.62659	0.202434	0.738738	-1.35366	0.117149	0.681826	-1.46665	0.826025	1.05078	1.05078	0.0180173	0.523838	-1.90899	2.62348	2.10375	0.712793	1
cg10180406	PTGS2	0.0945541	0.709842	1.04858	1.04858	0.819699	0.971439	-1.0294	0.0677905	0.77131	-1.2965	0.731216	0.957178	-1.04474	0.143814	1.22059	1.22059	0.956945	0.993171	-1.00688	0.00676384	0.640465	-1.56137	0.245665	0.857174	-1.16662	0.501967	1.09034	1.09034	2.62347	0.669343	0.226788	1
cg02916102	CYP11A1;CYP11A1;CYP11A1	0.0945556	0.146396	5.11916	5.11916	0.149825	5.03934	5.03934	0.222934	3.82457	3.82457	0.178849	4.46343	4.46343	0.0311017	14.1592	14.1592	0.124594	5.70663	5.70663	0.641123	0.611571	-1.63513	0.0380618	12.4117	12.4117	0.0164926	21.5142	21.5142	2.62345	45.5869	15.446	1
cg02862354	FOXP1	0.0945559	0.423083	0.899081	-1.11225	0.0464123	1.34528	1.34528	0.161891	1.21432	1.21432	0.751779	0.959584	-1.04212	0.163375	1.21338	1.21338	0.520124	0.918729	-1.08846	0.0604225	0.759344	-1.31693	0.0899235	0.784251	-1.2751	0.298838	1.15028	1.15028	2.62345	0.702352	0.237974	1
cg13416396	NCOR2;NCOR2	0.0945591	0.893085	1.0474	1.0474	0.0217128	2.58311	2.58311	0.0180601	2.68881	2.68881	0.495577	1.2691	1.2691	0.722413	0.884402	-1.13071	0.209485	1.57704	1.57704	0.0390152	2.27691	2.27691	0.068481	2.01862	2.01862	0.297763	1.45026	1.45026	2.62341	4.92816	1.66981	1
cg07878625	ZNF783	0.0945608	0.80392	0.719125	-1.39058	0.780497	0.690541	-1.44814	0.77483	1.46251	1.46251	0.49727	0.401144	-2.49287	0.774377	0.683216	-1.46367	0.695501	1.68432	1.68432	0.00285881	0.00433982	-230.424	0.245162	5.00921	5.00921	0.310825	4.01441	4.01441	2.62339	72.9926	24.7322	1
cg25020550	TG	0.0945609	0.0443619	0.171854	-5.8189	0.0109209	0.0874806	-11.4311	0.0633453	0.203445	-4.91534	0.420406	0.533794	-1.87338	0.0218477	0.122656	-8.15289	0.274957	0.420551	-2.37784	0.358036	0.486368	-2.05606	0.179154	0.336808	-2.96905	0.18958	0.346574	-2.88538	2.62339	24.163	8.1872	1
cg16521443	RASA3	0.0945621	0.997729	0.998158	-1.00185	0.290195	2.03649	2.03649	0.177382	0.395018	-2.53153	0.857449	0.890036	-1.12355	0.519693	1.52631	1.52631	0.532649	1.50603	1.50603	0.00360802	0.0778664	-12.8425	0.32854	0.520277	-1.92205	0.411732	0.58054	-1.72254	2.62337	17.4413	5.90973	1
cg08052226	NFIX	0.0945639	0.0519843	0.180689	-5.53438	0.307342	2.26548	2.26548	0.611294	1.48683	1.48683	0.72741	1.31103	1.31103	0.0403757	0.160024	-6.24907	0.367118	2.04826	2.04826	0.160271	3.19292	3.19292	0.0489416	5.69712	5.69712	0.745717	1.28636	1.28636	2.62335	24.883	8.43128	1
cg01391299	SPINK5L3	0.0945667	0.0139513	0.225745	-4.42977	0.778086	1.14852	1.14852	0.197919	0.513253	-1.94836	0.0308949	0.288747	-3.46324	0.066793	0.36522	-2.73807	0.154943	0.474231	-2.10868	0.0612485	0.355694	-2.8114	0.864923	0.919938	-1.08703	0.157605	0.476817	-2.09724	2.62332	9.98078	3.3819	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24985525	LRP5	0.0945669	0.531997	0.911865	-1.09665	0.164981	0.805829	-1.24096	0.0532631	0.726122	-1.37718	0.25022	0.839352	-1.1914	0.13235	0.789227	-1.26706	0.939604	1.01111	1.01111	0.0495803	1.38614	1.38614	0.729044	0.95058	-1.05199	0.0287574	0.686658	-1.45633	2.62332	0.882586	0.299057	1
cg23989768	UBE2DNL	0.0945678	0.0464406	0.281752	-3.54922	0.284531	0.539348	-1.85409	0.244731	0.508751	-1.9656	0.523832	0.698535	-1.43157	0.100657	0.368375	-2.71462	0.0754069	0.333102	-3.00208	0.00760678	0.148655	-6.72698	0.507572	0.688429	-1.45258	0.0405699	0.268919	-3.71859	2.62331	12.8142	4.342	1
cg20835789	METTL6;EAF1	0.094571	0.596469	1.09216	1.09216	0.473081	0.886571	-1.12794	0.0109649	0.590578	-1.69326	0.806444	1.04133	1.04133	0.12805	0.762287	-1.31184	0.884683	0.976341	-1.02423	0.0181898	0.623083	-1.60492	0.302257	0.838353	-1.19282	0.486097	1.12386	1.12386	2.62327	1.13088	0.383196	1
cg04911050	RAB40C	0.094573	0.78056	0.869927	-1.14952	0.788013	0.874177	-1.14393	0.308815	0.591239	-1.69136	0.341421	0.613164	-1.63089	0.0698065	0.363616	-2.75016	0.567289	0.749387	-1.33442	0.00297371	0.130836	-7.64316	0.390417	1.55131	1.55131	0.77369	0.866015	-1.15471	2.62324	10.3428	3.50468	1
cg01752665	CCDC77;CCDC77;CCDC77;CCDC77	0.0945736	0.601665	0.899635	-1.11156	0.0232712	0.580079	-1.7239	0.857994	1.03662	1.03662	0.692447	1.08311	1.08311	0.852688	0.963359	-1.03803	0.233312	0.778059	-1.28525	0.133862	0.722768	-1.38357	0.00924201	0.515071	-1.94148	0.0842257	0.681394	-1.46758	2.62324	1.67545	0.56773	1
cg09152813	NCK2;NCK2	0.0945749	0.405859	0.545112	-1.83448	0.120057	0.300209	-3.33101	0.0992288	0.275412	-3.63092	0.124207	0.304893	-3.27984	0.00254938	0.0504437	-19.8241	0.448401	0.576231	-1.73542	0.238738	0.414611	-2.4119	0.485079	0.602782	-1.65897	0.387674	0.531657	-1.88091	2.62322	21.1512	7.16718	1
cg17133734	AKAP13;AKAP13	0.0945751	0.0642487	0.209062	-4.78327	0.0332503	0.15362	-6.50958	0.0949087	0.251208	-3.98077	0.0825398	0.235167	-4.25229	0.0486224	0.183514	-5.44916	0.099829	0.257305	-3.88644	0.03331	0.153749	-6.50411	0.380236	0.507874	-1.96899	0.0478395	0.182127	-5.49066	2.62322	23.5402	7.97669	1
cg01305441	TMEM129;TACC3;TMEM129	0.0945766	0.133784	1.69883	1.69883	0.220004	0.655322	-1.52597	0.798027	0.919398	-1.08767	0.417096	1.31228	1.31228	0.0679868	0.511783	-1.95395	0.172823	1.60868	1.60868	0.0241427	0.414312	-2.41364	0.34225	0.72566	-1.37806	0.220433	0.655606	-1.52531	2.6232	4.46173	1.51188	1
cg24605830	PANK4	0.0945787	0.575331	0.730072	-1.36973	0.0153645	0.191367	-5.22556	0.0610642	0.309338	-3.23271	0.764575	1.18169	1.18169	0.232314	0.498453	-2.00621	0.252375	0.51449	-1.94367	0.467137	0.662802	-1.50875	0.0527871	3.39949	3.39949	0.916641	1.05992	1.05992	2.62318	12.836	4.34959	1
cg25742540	SV2B;SV2B	0.0945794	0.273379	3.92668	3.92668	0.0422911	17.3319	17.3319	0.113397	8.01842	8.01842	?	?	?	?	?	?	0.835788	1.28094	1.28094	0.866156	1.22288	1.22288	0.00841011	65.121	65.121	0.313953	3.48483	3.48483	2.85896	49.037	17.1521	1
cg05586376	CLDN12	0.0945897	0.723477	1.05156	1.05156	0.825496	1.03174	1.03174	0.0499669	1.3721	1.3721	0.273319	0.851015	-1.17507	0.493942	1.10329	1.10329	0.795699	0.963949	-1.0374	0.0303237	0.69747	-1.43375	0.0336387	0.703885	-1.42069	0.292572	0.856827	-1.1671	2.62305	0.831896	0.28191	1
cg10994148	C6orf168	0.0945907	0.0598979	0.433854	-2.30492	0.311226	1.51001	1.51001	0.561761	1.25957	1.25957	0.202308	0.588886	-1.69812	0.53564	1.27985	1.27985	0.905146	0.95419	-1.04801	0.0613083	0.436331	-2.29184	0.0606222	2.29816	2.29816	0.118128	1.94921	1.94921	2.62303	6.42797	2.1783	1
cg03713996	SFRS8	0.0945909	0.155359	1.17473	1.17473	0.0825092	1.22592	1.22592	0.800746	0.97357	-1.02715	0.207673	1.1511	1.1511	0.0800439	0.814074	-1.22839	0.23955	0.877707	-1.13933	0.0282548	0.76007	-1.31567	0.782188	1.02979	1.02979	0.78851	1.02889	1.02889	2.62303	0.46603	0.157928	1
cg00007221	PTPRF;PTPRF	0.0945959	0.180012	0.641333	-1.55925	0.0741677	0.537534	-1.86035	0.0249914	0.43515	-2.29806	0.963353	0.985768	-1.01444	0.0120343	0.376418	-2.65662	0.867084	1.05365	1.05365	0.491972	0.804337	-1.24326	0.400716	1.30781	1.30781	0.849605	1.06101	1.06101	2.62297	4.04319	1.37018	1
cg05049280	GNAT2;GNAT2	0.0945962	0.294916	0.722999	-1.38313	0.861754	0.949286	-1.05342	0.00494793	0.329132	-3.03829	0.128711	0.612464	-1.63275	0.138947	0.621524	-1.60895	0.430344	1.2717	1.2717	0.0779692	0.557207	-1.79466	0.247832	0.69715	-1.43441	0.955994	0.983658	-1.01661	2.62297	3.70381	1.25517	1
cg21436938	RNF183	0.0945981	0.0422227	0.388554	-2.57365	0.825929	0.914864	-1.09306	0.242662	0.610214	-1.63877	0.296505	1.54848	1.54848	0.0496047	0.40458	-2.4717	0.167697	1.81131	1.81131	0.4918	1.32586	1.32586	0.35476	0.680732	-1.46901	0.0465434	0.398168	-2.51151	2.62295	6.77948	2.29749	1
cg26749978	BEND7;BEND7	0.0946064	0.908695	1.02486	1.02486	0.43089	0.841937	-1.18774	0.793166	0.945317	-1.05785	0.642088	0.904685	-1.10536	0.00480326	0.44896	-2.22737	0.606026	0.894636	-1.11777	0.249104	1.29408	1.29408	0.0869842	1.49853	1.49853	0.853777	1.04027	1.04027	2.62285	1.90246	0.644749	1
cg07817705	EYA4;EYA4;EYA4	0.0946065	0.235698	0.709861	-1.40873	0.370444	1.28869	1.28869	0.0068643	0.380856	-2.62566	0.207409	0.693082	-1.44283	0.0669218	0.567578	-1.76187	0.352081	0.767917	-1.30222	0.669427	0.888312	-1.12573	0.261039	1.3816	1.3816	0.461763	0.813347	-1.22949	2.62285	3.15884	1.07054	1
cg09288273	NIPAL4	0.0946108	0.542322	0.840102	-1.19033	0.701991	0.897085	-1.11472	0.134141	1.57827	1.57827	0.983213	1.00596	1.00596	0.385324	1.28585	1.28585	0.105646	1.64763	1.64763	0.0068681	2.68797	2.68797	0.0936309	1.68347	1.68347	0.0963842	1.67481	1.67481	2.6228	3.31484	1.12343	1
cg10064814	CXorf40B	0.0946114	0.740698	0.90689	-1.10267	0.851106	0.946201	-1.05686	0.338869	0.748174	-1.33659	0.32497	0.741467	-1.34868	0.0886009	0.575319	-1.73817	0.0269938	0.462694	-2.16126	0.66788	0.88071	-1.13545	0.0216036	2.25208	2.25208	0.484576	1.23248	1.23248	2.62279	3.5976	1.21926	1
cg24827726	GRIP2	0.0946116	0.804452	0.93152	-1.07351	0.00767397	0.375383	-2.66395	0.512145	0.826867	-1.20939	0.222415	1.44292	1.44292	0.189914	0.672325	-1.48738	0.598338	0.858976	-1.16418	0.897514	0.963821	-1.03754	0.810281	0.933538	-1.07119	0.0630134	1.81854	1.81854	2.62279	3.39675	1.15119	1
cg03875330	TMEM205;TMEM205;CCDC159;TMEM205	0.0946122	0.175892	0.549043	-1.82135	0.575235	1.26601	1.26601	0.870029	0.934052	-1.0706	0.502394	1.32791	1.32791	0.0285194	0.340709	-2.93506	0.661726	0.832414	-1.20133	0.015493	0.2902	-3.4459	0.0411024	0.374606	-2.66947	0.303388	0.641383	-1.55913	2.62278	7.21015	2.4436	1
cg11380667	AJAP1;AJAP1	0.0946124	0.129125	2.39801	2.39801	0.0149428	4.93413	4.93413	0.0819254	2.79581	2.79581	0.0979466	2.63342	2.63342	0.80481	1.14118	1.14118	0.0827506	2.78647	2.78647	0.0344699	3.72617	3.72617	0.0635216	3.0428	3.0428	0.131081	2.38571	2.38571	2.62278	11.8169	4.00487	1
cg05974695	SNX19	0.0946137	0.00514534	0.246761	-4.0525	0.707525	1.15342	1.15342	0.363908	1.42383	1.42383	0.70433	0.865556	-1.15533	0.740384	0.88168	-1.1342	0.0563121	0.441109	-2.26701	0.81908	0.916895	-1.09064	0.542235	1.26317	1.26317	0.380752	1.40562	1.40562	2.62276	5.95729	2.019	1
cg04606887	LOC400027	0.0946147	0.317989	0.766734	-1.30423	0.169468	1.45738	1.45738	0.00626293	2.5009	2.5009	0.917996	1.02686	1.02686	0.785694	0.932266	-1.07265	0.287162	0.752462	-1.32897	0.746733	0.919996	-1.08696	0.115352	1.55352	1.55352	0.285387	1.33047	1.33047	2.62275	2.75076	0.932274	1
cg13700912	MAD1L1;MAD1L1;MAD1L1	0.0946288	0.0329844	0.375803	-2.66097	0.0886813	0.478525	-2.08975	0.677475	0.84861	-1.1784	0.887613	0.946013	-1.05707	0.00832116	0.266136	-3.75748	0.102472	0.495929	-2.01642	0.349459	0.685221	-1.45938	0.0995305	0.492362	-2.03102	0.103746	0.497452	-2.01025	2.62259	6.39806	2.16853	1
cg10649494	EBF4;EBF4	0.0946292	0.228546	0.867719	-1.15245	0.123447	1.20604	1.20604	0.313962	1.12403	1.12403	0.192649	0.856577	-1.16744	0.47364	0.921434	-1.08527	0.668379	0.952768	-1.04957	0.016158	0.718639	-1.39152	0.101621	0.817733	-1.22289	0.284543	1.13294	1.13294	2.62258	0.523591	0.177464	1
cg27437806	EPN3	0.0946301	0.655327	0.913747	-1.0944	0.2002	0.762101	-1.31216	0.465638	0.861508	-1.16076	0.00716951	0.498081	-2.00771	0.0335149	0.60735	-1.6465	0.871612	0.96805	-1.033	0.041688	0.624128	-1.60224	0.731913	1.07148	1.07148	0.854069	0.963709	-1.03766	2.62257	1.67424	0.567463	1
cg27159962	RACGAP1;RACGAP1;RACGAP1	0.0946307	0.156332	0.374669	-2.66902	0.074907	0.27687	-3.6118	0.633532	0.732744	-1.36473	0.746954	0.810914	-1.23318	0.0130638	0.136243	-7.33981	0.112352	0.326565	-3.06218	0.0191241	0.159478	-6.27047	0.068893	0.26767	-3.73594	0.746574	0.810647	-1.23358	2.62256	17.4093	5.90068	1
cg14575009	ZNF467	0.0946312	0.995427	1.00344	1.00344	0.0312989	4.54395	4.54395	0.0182092	5.57208	5.57208	0.0593467	3.58041	3.58041	0.0443894	3.98902	3.98902	0.562482	1.42031	1.42031	0.399609	0.596491	-1.67647	0.617118	1.35259	1.35259	0.802308	1.1622	1.1622	2.62256	14.9132	5.05467	1
cg05091260	ABTB1;PODXL2;ABTB1;ABTB1	0.0946327	0.506299	0.819023	-1.22097	0.46988	0.804394	-1.24317	0.336321	0.745647	-1.34112	0.697853	0.89092	-1.12243	0.204893	0.67299	-1.48591	0.00409344	3.12826	3.12826	0.320233	0.737803	-1.35538	0.579164	0.847165	-1.18041	0.939444	1.02275	1.02275	2.62254	3.64064	1.23397	1
cg16438246	HSF1	0.0946345	0.0137798	0.132373	-7.55442	0.0931279	0.293212	-3.4105	0.121044	0.327392	-3.05444	0.437217	1.69278	1.69278	0.213597	0.419024	-2.3865	0.561548	0.677148	-1.47678	0.0258822	0.172592	-5.79402	0.863425	0.891945	-1.12115	0.108631	0.312769	-3.19725	2.62252	18.3221	6.21017	1
cg04080448	RMST	0.0946349	0.288942	0.589161	-1.69733	0.393926	1.52148	1.52148	0.281381	0.583871	-1.71271	0.161273	0.487227	-2.05243	0.0325833	0.300554	-3.32719	0.025094	0.277873	-3.59877	0.0282535	0.287969	-3.4726	0.486199	0.711726	-1.40504	0.0854184	0.400974	-2.49393	2.62251	9.59388	3.2518	1
cg02858843	PAFAH2	0.0946372	0.137121	0.347107	-2.88095	0.571544	1.45909	1.45909	0.249768	2.21404	2.21404	0.459929	0.608246	-1.64407	0.493975	0.631914	-1.58249	0.906671	0.925426	-1.08058	0.00653431	0.0968078	-10.3297	0.441664	1.6794	1.6794	0.194951	2.4742	2.4742	2.62249	18.1366	6.14737	1
cg26718420	C12orf59;C12orf59	0.0946372	0.17548	0.503941	-1.98436	0.0248594	0.280762	-3.56173	0.033093	0.30569	-3.27129	0.103512	0.428717	-2.33254	0.0372711	0.316644	-3.15813	0.0701688	0.38177	-2.61938	0.0354819	0.312067	-3.20444	0.410918	0.670343	-1.49177	0.338228	0.625257	-1.59934	2.62249	9.3978	3.18538	1
cg17672614	C6orf176;C6orf176	0.0946381	0.0271219	0.137155	-7.291	0.282145	0.427918	-2.3369	0.083086	0.232871	-4.29423	0.156164	0.315953	-3.16503	0.0433754	0.171275	-5.83856	0.337261	0.471728	-2.11987	0.0195062	0.117174	-8.53435	0.119948	0.277701	-3.601	0.0447768	0.173863	-5.75165	2.62248	23.9565	8.12007	1
cg10759272	DAB1	0.0946386	0.78855	0.931716	-1.07329	0.0560186	0.565807	-1.76739	0.0236896	0.491357	-2.03518	0.0224425	2.05347	2.05347	0.395278	0.795271	-1.25743	0.544374	0.85092	-1.1752	0.979745	0.993343	-1.0067	0.53846	0.848848	-1.17807	0.547283	0.851936	-1.1738	2.62247	2.87535	0.974602	1
cg15444560	C3orf77	0.0946386	0.340383	1.26557	1.26557	0.0247246	1.89824	1.89824	0.570443	0.871577	-1.14735	0.73853	1.08361	1.08361	0.0244484	1.90146	1.90146	0.650836	1.1154	1.1154	0.385915	0.808104	-1.23747	0.106329	0.655254	-1.52613	0.230284	1.35214	1.35214	2.62247	2.38648	0.8089	1
cg00414058	C16orf72	0.0946428	0.920372	1.03226	1.03226	0.98325	1.00669	1.00669	0.224572	0.666949	-1.49936	0.0934409	0.556644	-1.79648	0.112426	0.577692	-1.73103	0.942807	0.977477	-1.02304	0.00557815	0.314808	-3.17654	0.755417	1.1043	1.1043	0.275264	1.43389	1.43389	2.62242	4.187	1.41922	1
cg13663945	ATP6AP1L	0.0946429	0.650534	1.0992	1.0992	0.0120338	0.522287	-1.91466	0.178767	0.743599	-1.34481	0.240628	1.29018	1.29018	0.516245	1.14626	1.14626	0.0736802	1.51214	1.51214	0.225462	1.30215	1.30215	0.552393	0.882792	-1.13277	0.940959	0.984755	-1.01548	2.62242	1.78647	0.605537	1
cg08570243	NCRNA00116	0.0946436	0.122565	0.311319	-3.21213	0.0109223	0.107738	-9.28176	0.567789	1.4959	1.4959	0.610558	0.69893	-1.43076	0.455969	0.588877	-1.69815	0.293182	0.46743	-2.13936	0.0767814	0.253436	-3.94577	0.0972879	0.281088	-3.5576	0.18788	2.64657	2.64657	2.62241	20.2016	6.84751	1
cg25562534	HCCA2	0.0946439	0.182191	0.53049	-1.88505	0.721278	0.851812	-1.17397	0.0104552	0.236189	-4.23389	0.966484	1.01899	1.01899	0.0276049	0.311528	-3.20998	0.284955	1.64424	1.64424	0.161003	0.511535	-1.9549	0.231234	0.569921	-1.75463	0.811134	1.11314	1.11314	2.62241	8.32613	2.82222	1
cg22781921	KCTD16	0.0946441	0.159785	0.67651	-1.47817	0.00340072	0.354919	-2.81754	0.598214	0.870791	-1.14838	0.427882	0.810105	-1.23441	0.18561	0.694077	-1.44076	0.77091	1.07892	1.07892	0.404312	0.800908	-1.24858	0.0438939	0.54742	-1.82675	0.604664	0.872949	-1.14554	2.6224	2.81133	0.952926	1
cg09433699	C3orf19	0.0946444	0.353741	0.841195	-1.18878	0.217243	1.26528	1.26528	0.601467	0.908909	-1.10022	0.107754	0.727526	-1.37452	0.852117	0.966742	-1.0344	0.135058	0.746778	-1.33909	0.00719541	0.533246	-1.87531	0.899482	0.977356	-1.02317	0.254621	1.24059	1.24059	2.6224	1.36433	0.462454	1
cg26796283	MSX2	0.0946484	0.0639606	0.131725	-7.59156	0.0719702	7.00081	7.00081	0.897023	1.12349	1.12349	0.93882	1.07145	1.07145	0.834482	0.828387	-1.20717	?	?	?	0.530199	0.561859	-1.77981	0.0157541	21.5042	21.5042	0.711831	1.39727	1.39727	3.44277	35.9471	6.52583	1
cg24011405	LOC440461	0.094649	0.828175	1.06301	1.06301	0.26116	0.719332	-1.39018	0.130109	0.631519	-1.58348	0.671792	1.12728	1.12728	0.220452	0.696173	-1.43642	0.859331	1.05113	1.05113	0.276742	1.37441	1.37441	0.00738378	2.63908	2.63908	0.382754	0.777533	-1.28612	2.62235	3.28222	1.11257	1
cg15182360	PCDH20	0.0946498	0.212098	0.589941	-1.69508	0.321759	0.662992	-1.50831	0.929711	0.965198	-1.03606	0.950041	0.975156	-1.02548	0.065413	0.435901	-2.2941	0.73477	0.872381	-1.14629	0.0938999	0.477319	-2.09504	0.0146327	3.34327	3.34327	0.207222	0.586244	-1.70577	2.62234	6.69515	2.26944	1
cg07508394	LPIN1	0.0946506	0.575052	0.652263	-1.53312	0.751638	1.26924	1.26924	0.839102	0.858585	-1.16471	?	?	?	0.288322	0.428831	-2.33192	0.00591521	0.0380255	-26.2981	0.530476	1.61638	1.61638	?	?	?	0.563559	0.643598	-1.55377	3.47335	22.0469	4.53389	1
cg21880128	JAG2;JAG2	0.0946518	0.0605507	0.712054	-1.40439	0.622891	1.08279	1.08279	0.547745	1.10255	1.10255	0.819542	0.963993	-1.03735	0.703129	1.06338	1.06338	0.354044	1.16535	1.16535	0.00699384	0.57133	-1.7503	0.246192	1.21486	1.21486	0.447659	0.883207	-1.13224	2.62231	1.06963	0.362575	1
cg15965716	PBX1	0.0946519	0.0314267	0.208739	-4.79067	0.00876072	0.125852	-7.94586	0.611281	0.727476	-1.37462	0.793919	0.850008	-1.17646	0.0233288	0.185916	-5.37876	0.557849	0.69218	-1.44471	0.192681	0.424916	-2.35341	0.675997	0.770348	-1.29811	0.195116	0.42713	-2.34121	2.62231	16.0039	5.42485	1
cg21191710	C11orf80	0.0946583	0.463925	0.604196	-1.65509	0.719144	0.783428	-1.27644	0.148985	2.84642	2.84642	0.988691	0.990466	-1.00963	0.00319868	0.0658585	-15.1841	0.502392	1.58424	1.58424	0.739725	1.25276	1.25276	0.675437	0.752301	-1.32925	0.608699	1.41764	1.41764	2.62224	18.973	6.4315	1
ch.3.1444649R	MAGI1;MAGI1;MAGI1	0.094659	0.253594	0.696451	-1.43585	0.0128065	0.391381	-2.55506	0.0124036	0.38894	-2.57109	0.883322	0.956421	-1.04557	0.335023	0.739594	-1.35209	0.282484	0.712584	-1.40334	0.0388913	0.48408	-2.06577	0.645254	0.868792	-1.15102	0.864258	0.949408	-1.05329	2.62223	3.82333	1.29604	1
cg23698969	SLC22A18;SLC22A18	0.09466	0.462138	1.16265	1.16265	0.510921	1.14367	1.14367	0.0868228	1.46338	1.46338	0.22507	1.29243	1.29243	0.162759	0.740828	-1.34984	0.295899	0.803956	-1.24385	0.047601	1.57793	1.57793	0.0427439	0.62527	-1.59931	0.882204	1.0303	1.0303	2.62222	1.68326	0.570598	1
cg07908498	SORCS3	0.0946604	0.152593	0.482492	-2.07257	0.00384765	0.156792	-6.37789	0.0563547	0.357784	-2.79498	0.545082	0.747266	-1.33821	0.445748	0.690918	-1.44735	0.351165	0.633537	-1.57844	0.0764766	0.391647	-2.55332	0.558741	0.754824	-1.32481	0.843623	1.0985	1.0985	2.62221	9.39694	3.18542	1
cg06237501	ZNF76	0.0946608	0.241904	0.802387	-1.24628	0.773582	1.05322	1.05322	0.166032	0.766828	-1.30407	0.443542	0.868995	-1.15075	0.0112569	0.565123	-1.76953	0.522539	1.12355	1.12355	0.0550291	1.47853	1.47853	0.403039	1.16628	1.16628	0.968518	1.00712	1.00712	2.62221	1.34178	0.454842	1
cg06806958	KIAA1217;KIAA1217	0.0946612	0.24531	0.870773	-1.1484	0.169254	1.18146	1.18146	0.210716	1.16203	1.16203	0.715552	0.959184	-1.04255	0.138006	1.19944	1.19944	0.462279	0.918323	-1.08894	0.176171	0.848955	-1.17792	0.0433668	1.30286	1.30286	0.0430271	1.30358	1.30358	2.6222	0.538449	0.182526	1
cg27334900	MT1DP;MT1DP	0.0946617	0.0677173	28.1456	28.1456	0.104261	18.1051	18.1051	0.259716	6.80268	6.80268	0.528788	2.83096	2.83096	0.0466519	41.0599	41.0599	0.238576	7.48554	7.48554	0.0601858	31.7226	31.7226	0.015987	122.726	122.726	0.0296555	65.0236	65.0236	2.6222	110.443	37.4388	1
cg26331135	CNTN4	0.0946621	0.57884	1.45829	1.45829	0.0655609	4.01701	4.01701	0.137294	2.93539	2.93539	0.474721	0.613168	-1.63087	0.00829266	0.10322	-9.68801	0.968898	1.02658	1.02658	0.476698	0.614555	-1.62719	0.784712	0.831731	-1.20231	0.529172	0.6512	-1.53563	2.62219	18.801	6.37328	1
cg09684336	LGR6;LGR6	0.0946646	0.0887877	0.295312	-3.38625	0.0742048	3.64256	3.64256	0.0811476	3.51264	3.51264	0.844301	0.880063	-1.13628	0.0681988	0.265303	-3.76927	0.910811	1.07552	1.07552	0.0912964	0.298689	-3.34796	0.931229	0.945461	-1.05769	0.221075	0.433519	-2.3067	2.62216	17.5331	5.94357	1
cg03072628	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.0946647	0.17142	1.21089	1.21089	0.976834	0.996191	-1.00382	0.0918961	0.783603	-1.27616	0.0457591	1.35115	1.35115	0.0530428	1.33496	1.33496	0.508559	1.09213	1.09213	0.0954562	1.27215	1.27215	0.326466	0.875347	-1.1424	0.409783	0.895135	-1.11715	2.62216	0.717219	0.243131	1
cg05315586	TMEM184A;MAFK	0.0946657	0.395603	0.796241	-1.2559	0.652898	1.12588	1.12588	0.925972	0.975954	-1.02464	0.804255	1.0672	1.0672	0.00329942	0.350525	-2.85286	0.710998	0.907129	-1.10238	0.13203	1.53073	1.53073	0.394253	0.795697	-1.25676	0.780578	1.07588	1.07588	2.62215	2.84857	0.965643	1
cg16866678	C2orf68	0.094666	0.125206	0.355163	-2.8156	0.106228	3.00537	3.00537	0.250633	2.11439	2.11439	0.286595	1.99419	1.99419	0.99219	1.00612	1.00612	0.914192	1.06954	1.06954	0.142057	0.3736	-2.67666	0.0188894	5.89233	5.89233	0.285187	0.500366	-1.99854	2.62215	16.1578	5.47737	1
cg15233711	ARNTL;ARNTL;ARNTL	0.0946665	0.563119	1.15498	1.15498	0.0662913	1.66141	1.66141	0.0331906	1.84715	1.84715	0.915751	0.974256	-1.02642	0.570377	0.868183	-1.15183	0.376845	1.25045	1.25045	0.244289	1.35016	1.35016	0.0187161	2.01832	2.01832	0.0318078	1.85926	1.85926	2.62214	2.52271	0.855182	1
cg22183057	NUDCD2	0.0946672	0.101117	0.767508	-1.30292	0.424343	0.886695	-1.12778	0.177832	0.80974	-1.23497	0.195926	0.81745	-1.22332	0.100649	0.767177	-1.30348	0.342961	1.15488	1.15488	0.022096	1.49855	1.49855	0.902395	1.01825	1.01825	0.396537	1.13651	1.13651	2.62213	0.902112	0.305811	1
cg13244315	AGRN	0.0946674	0.327996	0.731843	-1.36641	0.00768554	2.88386	2.88386	0.0253036	2.27562	2.27562	0.890143	1.04366	1.04366	0.438463	1.2768	1.2768	0.681116	0.880063	-1.13628	0.917921	0.96863	-1.03239	0.269908	1.4265	1.4265	0.69879	0.886718	-1.12775	2.62213	3.97029	1.34591	1
cg14973797	BMPR2	0.0946702	0.572436	1.15094	1.15094	0.0127411	2.14431	2.14431	0.0766335	0.61546	-1.6248	0.331604	1.28003	1.28003	0.470515	0.834488	-1.19834	0.037196	1.81514	1.81514	0.878205	1.03852	1.03852	0.85404	1.04643	1.04643	0.651872	1.11844	1.11844	2.6221	2.52266	0.85518	1
cg10398993	MSLN;MSLN	0.0946705	0.759684	0.903741	-1.10651	0.156406	0.60646	-1.64891	0.350427	0.728294	-1.37307	0.0785371	1.90522	1.90522	0.984372	1.00648	1.00648	0.0199823	2.52509	2.52509	0.0343813	2.25709	2.25709	0.654483	1.16021	1.16021	0.589758	1.1967	1.1967	2.62209	4.51912	1.53198	1
cg06773122	EHD3	0.0946708	0.3914	0.905585	-1.10426	0.157087	1.18637	1.18637	0.301773	1.12843	1.12843	0.0894496	0.809388	-1.2355	0.520277	0.929042	-1.07638	0.0301786	0.749848	-1.3336	0.143315	0.837259	-1.19437	0.177092	1.17589	1.17589	0.306852	1.1269	1.1269	2.62209	0.529676	0.17956	1
cg16884658	BCL11A;BCL11A;BCL11A	0.0946722	0.816963	1.05405	1.05405	0.532992	1.15415	1.15415	0.00708605	2.2033	2.2033	0.0396532	1.71624	1.71624	0.189215	1.37131	1.37131	0.103207	1.49881	1.49881	0.158893	1.40757	1.40757	0.43428	0.834324	-1.19857	0.245039	1.31795	1.31795	2.62207	2.14058	0.725663	1
cg07379434	VWC2	0.0946724	0.0648698	1.40587	1.40587	0.0313759	0.66044	-1.51414	0.254927	1.21568	1.21568	0.312179	0.842162	-1.18742	0.0294239	1.52415	1.52415	0.815079	1.03925	1.03925	0.632907	1.08228	1.08228	0.62228	1.08501	1.08501	0.417168	1.14596	1.14596	2.62207	1.12114	0.38007	1
cg08959039	COL4A2	0.0946731	0.935825	1.04452	1.04452	0.0471098	3.41721	3.41721	0.0609403	0.319069	-3.13412	0.316536	0.571186	-1.75074	0.582956	0.740884	-1.34974	0.624457	1.30584	1.30584	0.0218763	4.42714	4.42714	0.249421	1.91756	1.91756	0.742128	0.836456	-1.19552	2.62206	12.1475	4.11805	1
cg21350575	CHODL;CHODL	0.0946756	0.785646	0.931967	-1.073	0.0823912	0.608177	-1.64426	0.970065	0.990348	-1.00975	0.989501	0.996605	-1.00341	0.0732442	0.596726	-1.67581	0.439517	0.815654	-1.22601	0.63166	0.882642	-1.13296	0.00842873	2.38581	2.38581	0.676208	1.11467	1.11467	2.62203	2.77402	0.940414	1
cg00094851	KIF3C	0.0946767	0.300179	0.915545	-1.09225	0.0972066	1.16136	1.16136	0.268002	0.909532	-1.09947	0.410882	0.933224	-1.07155	0.692246	1.03324	1.03324	0.556971	1.05003	1.05003	0.0214943	0.796934	-1.25481	0.814241	0.980842	-1.01953	0.0448275	1.20836	1.20836	2.62202	0.280486	0.0950872	1
cg22975125	FKRP;STRN4;STRN4;FKRP	0.0946792	0.218865	1.30444	1.30444	0.0210191	1.76918	1.76918	0.0942212	1.45955	1.45955	0.259698	1.27334	1.27334	0.0574161	1.55534	1.55534	0.501617	1.15046	1.15046	0.0773798	0.667977	-1.49706	0.194516	1.32586	1.32586	0.821927	1.04742	1.04742	2.62199	1.75402	0.594634	1
cg16606731	SYNE1;SYNE1	0.0946795	0.164759	0.504156	-1.98351	0.194628	1.88517	1.88517	0.0805421	2.44899	2.44899	0.814636	1.11463	1.11463	0.0392736	0.332165	-3.01055	0.727278	0.850619	-1.17561	0.0275362	0.299874	-3.33473	0.580761	0.772775	-1.29404	0.90577	0.946748	-1.05625	2.62199	8.86737	3.00616	1
cg06767538	HIBADH	0.0946812	0.255632	1.25608	1.25608	0.584204	0.899267	-1.11202	0.718555	1.072	1.072	0.71191	0.931217	-1.07386	0.418276	1.17223	1.17223	0.0161802	1.75979	1.75979	0.0202641	0.584054	-1.71217	0.286514	1.23694	1.23694	0.876813	1.03025	1.03025	2.62197	1.53276	0.519632	1
cg22659953	SLC6A3	0.0946825	0.0688817	0.440903	-2.26807	0.149682	1.86137	1.86137	0.680954	0.846793	-1.18093	0.373016	1.44464	1.44464	0.0242897	0.339591	-2.94472	0.116288	1.98679	1.98679	0.293413	1.55023	1.55023	0.62496	1.21917	1.21917	0.365047	0.68772	-1.45408	2.62195	6.7189	2.27783	1
cg22444512	NDUFS6	0.0946853	0.975828	0.987949	-1.0122	0.224988	1.66522	1.66522	0.900439	0.951151	-1.05136	0.0754538	0.45298	-2.2076	0.0252651	0.344906	-2.89934	0.0320236	0.365978	-2.73241	0.2198	0.596729	-1.6758	0.900615	1.05126	1.05126	0.0719701	0.447665	-2.23381	2.62192	6.64878	2.25409	1
cg22368208	TTC39A	0.0946855	0.516911	1.39623	1.39623	0.944925	0.965587	-1.03564	0.836394	1.11053	1.11053	0.577981	0.751787	-1.33016	0.626413	0.779624	-1.28267	0.381674	1.5786	1.5786	0.00242171	0.104308	-9.587	0.8825	0.92777	-1.07785	0.949461	0.968381	-1.03265	2.79361	11.1277	3.09809	1
cg14546712	AGPAT6	0.0946869	0.56527	1.56449	1.56449	0.0733328	4.65272	4.65272	0.0147983	10.0638	10.0638	0.1812	0.335233	-2.983	0.49136	0.583829	-1.71283	0.123016	0.276248	-3.61994	0.702739	1.34342	1.34342	0.588645	1.52255	1.52255	0.321114	0.454184	-2.20175	2.6219	24.6161	8.34546	1
cg04827919	STK32C	0.0946914	0.479107	1.14957	1.14957	0.11315	1.39655	1.39655	0.0836511	1.44903	1.44903	0.187538	1.31072	1.31072	0.901267	0.976243	-1.02434	0.0117398	1.8401	1.8401	0.0123548	1.82837	1.82837	0.354624	1.20259	1.20259	0.538544	1.12821	1.12821	2.62185	1.55836	0.528335	1
cg11849608	PTCD2;MRPS27	0.0946917	0.220352	1.33849	1.33849	0.411121	1.20944	1.20944	0.956451	0.987721	-1.01243	0.00800981	0.463568	-2.15718	0.281134	0.776124	-1.28845	0.261668	0.767339	-1.3032	0.772117	0.936412	-1.06791	0.920797	1.02276	1.02276	0.0888738	1.52894	1.52894	2.62184	2.12557	0.720638	1
cg14155501	CDC14B;CDC14B;CDC14B	0.0946939	0.547618	0.688912	-1.45156	0.0022487	0.0728715	-13.7228	0.108843	0.342698	-2.91802	0.935737	1.05062	1.05062	0.453506	0.626497	-1.59618	0.320214	0.533128	-1.87572	0.345024	0.551234	-1.81411	0.742465	0.817156	-1.22376	0.644784	1.32881	1.32881	2.62182	15.572	5.27946	1
cg15711772	VWA3B	0.0946968	0.302261	0.737904	-1.35519	0.585473	0.855015	-1.16957	0.0818	0.577816	-1.73065	0.467514	0.810379	-1.23399	0.00339814	0.322223	-3.10344	0.387828	0.777453	-1.28625	0.151198	0.645688	-1.54874	0.606567	0.862656	-1.15921	0.049639	0.528905	-1.8907	2.62178	3.35869	1.13873	1
cg21483999	GRAMD2	0.0946969	0.428104	1.45271	1.45271	0.00655291	5.10473	5.10473	0.0856017	2.40382	2.40382	0.666925	1.22122	1.22122	0.48233	0.719211	-1.39041	0.577455	1.29664	1.29664	0.581578	1.29293	1.29293	0.0346893	3.11593	3.11593	0.121391	2.17094	2.17094	2.62178	8.84683	2.99943	1
cg08613597	GNAO1;GNAO1;LOC283856	0.0946987	0.136138	1.39793	1.39793	0.455054	1.17201	1.17201	0.191963	0.749666	-1.33393	0.0563753	1.5694	1.5694	0.0835444	1.49115	1.49115	0.875534	0.967831	-1.03324	0.329683	0.810713	-1.23348	0.0430718	0.615352	-1.62509	0.556538	1.13208	1.13208	2.62176	1.80688	0.612609	1
cg07207937	MRPL1	0.0946989	0.248407	0.552857	-1.80879	0.211287	0.523677	-1.90957	0.113935	0.429683	-2.3273	0.0422897	3.15477	3.15477	0.0835501	0.390323	-2.56198	0.294724	1.70537	1.70537	0.976843	0.985844	-1.01436	0.0859984	0.393809	-2.5393	0.414976	1.50573	1.50573	2.62176	10.018	3.39653	1
cg19274368	SHANK2;SHANK2	0.0946998	0.0665862	0.368909	-2.7107	0.0606842	0.358725	-2.78765	0.467225	1.43136	1.43136	0.731884	0.84643	-1.18143	0.00603238	0.175683	-5.69206	0.280313	0.580393	-1.72297	0.120131	0.4416	-2.26449	0.712129	0.835542	-1.19683	0.477759	0.704751	-1.41894	2.62175	9.75843	3.30854	1
cg13677897	ACTB	0.0947	0.736893	0.939352	-1.06456	0.0884296	1.41732	1.41732	0.387617	1.17857	1.17857	0.491638	1.13837	1.13837	0.752876	1.06036	1.06036	0.905063	1.02238	1.02238	0.0192763	0.591431	-1.69081	0.858772	0.967493	-1.0336	0.0224836	1.66062	1.66062	2.62174	1.42947	0.484654	1
cg01064373	HLA-C	0.0947005	0.0113374	0.589626	-1.69599	0.943941	1.01179	1.01179	0.0395806	0.67261	-1.48674	0.0304258	0.654502	-1.52788	0.124844	0.758184	-1.31894	0.847431	0.968416	-1.03261	0.147106	0.771638	-1.29594	0.732794	0.944499	-1.05876	0.166454	0.782056	-1.27868	2.62174	1.15276	0.390838	1
cg04319617	GRM2;GRM2	0.094701	0.0719554	0.146666	-6.81819	0.0824947	6.2838	6.2838	0.902048	0.888993	-1.12487	0.805426	0.789893	-1.26599	0.0866878	0.163935	-6.09896	0.157301	0.235685	-4.24295	0.0248643	0.077937	-12.8309	0.58352	0.589126	-1.69743	0.101624	0.180381	-5.54382	2.62173	37.9207	12.8569	1
cg22136020	CSPG4	0.0947062	0.619589	0.872356	-1.14632	0.0836268	0.593047	-1.68621	0.661561	0.886743	-1.12772	0.0293033	0.496292	-2.01494	0.0201938	0.465619	-2.14768	0.821532	0.94021	-1.06359	0.437924	1.24099	1.24099	0.0373641	0.51723	-1.93338	0.720354	1.10306	1.10306	2.62167	3.09166	1.04824	1
cg25668626	OAS1;OAS1;OAS1	0.094707	0.0308931	0.279958	-3.57196	0.0405195	0.30474	-3.28149	0.0785374	0.374731	-2.66858	0.370488	0.630055	-1.58716	0.144466	0.455014	-2.19773	0.386206	0.640053	-1.56237	0.0329369	0.285633	-3.501	0.0219926	0.251557	-3.97525	0.74945	0.851335	-1.17463	2.62166	10.4768	3.55221	1
cg09596762	C16orf62	0.0947082	0.106735	0.428061	-2.33612	0.986059	1.00845	1.00845	0.151432	0.476857	-2.09706	0.80181	1.12882	1.12882	0.0158649	0.240897	-4.15116	0.0643661	0.367436	-2.72156	0.0253304	0.277789	-3.59985	0.78076	0.874217	-1.14388	0.0941612	0.412051	-2.42688	2.62165	9.63771	3.26774	1
cg06898887	PSPH	0.0947084	0.296584	0.832941	-1.20057	0.451958	0.878594	-1.13818	0.967536	0.99315	-1.0069	0.268719	0.823192	-1.21478	0.286676	0.82955	-1.20547	0.0459146	0.679466	-1.47174	0.00427466	0.524356	-1.9071	0.144533	0.767421	-1.30307	0.559157	1.10491	1.10491	2.62165	1.18452	0.401621	1
cg01544213	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.0947104	0.0210918	3.06122	3.06122	0.0324467	2.74544	2.74544	0.235011	1.6521	1.6521	0.489947	0.753617	-1.32693	0.103931	2.04859	2.04859	0.294614	1.55028	1.55028	0.639955	1.20928	1.20928	0.0236683	2.97293	2.97293	0.21337	1.69644	1.69644	2.62162	6.75505	2.29037	1
cg14492276	SMARCA2;SMARCA2	0.0947122	0.0515431	0.592211	-1.68859	0.703234	0.913492	-1.0947	0.177637	1.40307	1.40307	0.859182	1.04287	1.04287	0.0562172	0.599806	-1.66721	0.37301	0.805581	-1.24134	0.07686	0.628066	-1.59219	0.0678499	1.62173	1.62173	0.844163	1.04762	1.04762	2.6216	2.32023	0.786705	1
cg05032384	SBNO2	0.0947144	0.183653	0.805737	-1.2411	0.451362	0.88914	-1.12468	0.0914329	0.752301	-1.32926	0.0621968	0.725078	-1.37916	0.725718	0.947494	-1.05542	0.695323	1.06212	1.06212	0.0236472	1.51242	1.51242	0.153852	0.791532	-1.26337	0.207493	0.815847	-1.22572	2.62157	0.973517	0.330087	1
cg09158821	SLC43A2	0.0947164	0.0274496	2.78372	2.78372	0.0760394	2.17039	2.17039	0.253838	1.59635	1.59635	0.740324	1.13945	1.13945	0.105005	0.498913	-2.00436	0.830136	1.08798	1.08798	0.292848	1.53469	1.53469	0.0225969	2.92033	2.92033	0.558444	1.26146	1.26146	2.62155	6.39664	2.16891	1
cg00249511	SCT;SCT	0.0947165	0.128645	10.9548	10.9548	0.0611912	21.6495	21.6495	0.0509734	25.5448	25.5448	0.0651891	20.442	20.442	0.804641	1.4351	1.4351	0.440564	3.14698	3.14698	0.440334	3.14887	3.14887	0.0151208	77.5661	77.5661	0.0295925	41.8234	41.8234	2.62155	88.2151	29.9111	1
cg07103917	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.0947181	0.286268	1.7842	1.7842	0.959069	0.973524	-1.0272	0.885869	0.927663	-1.07798	0.00405899	0.133047	-7.51615	0.118777	0.412607	-2.42361	0.680761	1.24146	1.24146	0.689538	1.23361	1.23361	0.450405	1.49492	1.49492	0.554021	1.36745	1.36745	2.62153	11.3489	3.8481	1
cg14556871	ZNF575	0.0947226	0.744984	1.04698	1.04698	0.471053	1.10864	1.10864	0.407468	0.887639	-1.12658	0.228209	1.19471	1.19471	0.0306255	1.42943	1.42943	0.220017	1.1989	1.1989	0.371237	1.13786	1.13786	0.120843	1.26697	1.26697	0.00656161	1.64322	1.64322	2.62148	0.821493	0.278551	1
cg20251837	4-Mar	0.0947235	0.204247	0.558467	-1.79062	0.0301023	0.32986	-3.03159	0.0131764	0.262798	-3.80521	0.303915	1.58881	1.58881	0.0782408	0.427121	-2.34126	0.880441	0.93665	-1.06763	0.13959	0.500943	-1.99623	0.5146	0.750247	-1.33289	0.936149	1.03545	1.03545	2.62147	7.84986	2.66174	1
cg12368702	CHD9	0.0947257	0.0104972	1.51035	1.51035	0.335363	1.13564	1.13564	0.719676	1.04722	1.04722	0.544987	0.924562	-1.08159	0.416626	1.11215	1.11215	0.247096	1.1676	1.1676	0.0716875	0.772997	-1.29367	0.14941	1.21886	1.21886	0.160638	1.21152	1.21152	2.62144	0.680602	0.230781	1
cg20387392	ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0947263	0.440583	0.628769	-1.59041	0.376595	0.585498	-1.70795	0.618815	0.743858	-1.34434	0.0312519	4.44146	4.44146	0.138851	0.390663	-2.55975	0.687192	0.787564	-1.26974	0.142995	2.53125	2.53125	0.026057	4.74944	4.74944	0.868203	0.906667	-1.10294	2.62143	14.4502	4.89984	1
cg14268506	SNORD36B;MED22;SNORD24;RPL7A;MED22	0.0947273	0.0566519	0.684494	-1.46093	0.102658	0.730692	-1.36857	0.319921	0.834783	-1.19792	0.41717	0.86443	-1.15683	0.03451	1.54217	1.54217	0.733395	1.06191	1.06191	0.134771	0.753295	-1.3275	0.0701633	0.700688	-1.42717	0.875798	0.972892	-1.02786	2.62142	1.28169	0.434603	1
cg14375912	COL12A1;COL12A1	0.0947293	0.766371	0.957256	-1.04465	0.193443	1.22354	1.22354	0.0667145	1.35175	1.35175	0.323582	0.861162	-1.16122	0.598498	1.08102	1.08102	0.224541	1.20568	1.20568	0.0174398	0.654222	-1.52853	0.66671	0.938453	-1.06558	0.142384	1.26011	1.26011	2.6214	0.892376	0.302595	1
cg10764918	RASAL1	0.0947312	0.207565	2.04093	2.04093	0.0203506	4.48688	4.48688	0.0277437	4.04154	4.04154	0.66826	0.7934	-1.2604	0.226671	0.505897	-1.97669	0.339664	1.69603	1.69603	0.257174	1.88669	1.88669	0.0654556	3.03428	3.03428	0.930811	1.04772	1.04772	2.62138	11.9642	4.05698	1
cg00847892	TNFAIP3	0.0947341	0.182439	1.24075	1.24075	0.357083	0.865546	-1.15534	0.476689	0.895553	-1.11663	0.851293	1.02902	1.02902	0.0150236	0.633999	-1.57729	0.639783	1.0745	1.0745	0.0277359	0.672569	-1.48684	0.826671	1.034	1.034	0.269345	1.19168	1.19168	2.62134	0.964891	0.327192	1
cg19726715	DMKN;DMKN;DMKN;DMKN;DMKN;DMKN	0.0947341	0.363905	1.17953	1.17953	0.989064	0.997577	-1.00243	0.4032	0.859518	-1.16344	0.226297	0.798649	-1.25211	0.092048	0.720226	-1.38845	0.267506	0.815125	-1.22681	0.0368383	0.651085	-1.5359	0.0356679	1.54137	1.54137	0.203308	0.788487	-1.26825	2.62134	1.30017	0.440882	1
cg08264376	CLDN14;CLDN14;CLDN14;CLDN14;CLDN14	0.0947348	0.10293	0.60551	-1.6515	0.372443	0.772991	-1.29368	0.0205247	0.456202	-2.19201	0.932119	0.976329	-1.02425	0.00943356	0.396443	-2.52243	0.169004	0.662279	-1.50994	0.0871312	0.587909	-1.70094	0.131037	0.63225	-1.58165	0.219846	0.695739	-1.43732	2.62133	3.28274	1.11317	1
cg10763598	KIAA0892;SF4	0.0947389	0.185636	2.33514	2.33514	0.250403	2.06627	2.06627	0.369869	1.74448	1.74448	0.893091	0.921962	-1.08464	0.913026	0.936112	-1.06825	0.191157	2.30783	2.30783	0.780649	1.18375	1.18375	0.00504648	0.106376	-9.40065	0.964693	1.02711	1.02711	2.62129	15.1585	5.1403	1
cg02823137	SLC38A10;SLC38A10	0.0947419	0.442547	1.194	1.194	0.0663148	0.627258	-1.59424	0.0261169	0.550062	-1.81798	0.841211	1.04647	1.04647	0.349692	0.804125	-1.24359	0.448712	0.839599	-1.19104	0.545005	1.14881	1.14881	0.142098	0.699488	-1.42962	0.0166863	0.515944	-1.93819	2.62125	2.12896	0.721949	1
cg14373611	GJB6;GJB6;GJB6;GJB6	0.0947455	0.275582	0.558207	-1.79145	0.421624	0.655754	-1.52496	0.119023	0.419083	-2.38616	0.895582	1.06983	1.06983	0.0342984	0.281034	-3.55828	0.0437375	0.30374	-3.29229	0.0471691	0.311151	-3.21387	0.060419	0.336743	-2.96962	0.0251691	0.254447	-3.93009	2.62121	10.9688	3.71969	1
cg26959580	PEX5;PEX5;PEX5;PEX5	0.0947457	0.172532	1.81055	1.81055	0.0105181	3.72956	3.72956	0.03612	2.70875	2.70875	0.28812	1.56977	1.56977	0.143556	1.90148	1.90148	0.804665	0.903645	-1.10663	0.16436	1.83428	1.83428	0.0319793	2.79406	2.79406	0.562159	1.27078	1.27078	2.62121	6.94058	2.35365	1
cg26619740	LMF1	0.0947473	0.492878	0.757999	-1.31926	0.252201	0.621346	-1.60941	0.0474752	0.405749	-2.46458	0.0412508	2.55166	2.55166	0.0759035	0.455712	-2.19437	0.262612	0.628332	-1.59152	0.874946	1.06466	1.06466	0.287689	1.55144	1.55144	0.289609	1.54853	1.54853	2.62119	6.57099	2.22833	1
cg19102858	COPS8;COPS8	0.0947503	0.206991	1.37415	1.37415	0.561623	0.869216	-1.15046	0.370177	1.24581	1.24581	0.669108	1.10813	1.10813	0.106675	0.656589	-1.52302	0.660516	0.899825	-1.11133	0.281041	0.765222	-1.30681	0.187464	1.39604	1.39604	0.0094138	0.455596	-2.19493	2.62115	2.36788	0.802999	1
cg23014664	SBF2	0.094751	0.015189	0.503246	-1.9871	0.169066	0.713647	-1.40125	0.107139	0.667	-1.49925	0.605797	1.12735	1.12735	0.0364178	0.571219	-1.75064	0.184989	0.723468	-1.38223	0.209329	0.737354	-1.3562	0.511553	1.16568	1.16568	0.0882563	0.648492	-1.54204	2.62114	2.20097	0.746397	1
cg00070715	TMEM173	0.0947514	0.705375	1.12325	1.12325	0.0790496	0.550646	-1.81605	0.0966476	0.572313	-1.7473	0.905376	0.964267	-1.03706	0.84402	0.941505	-1.06213	0.587062	1.18269	1.18269	0.0155032	2.48062	2.48062	0.0900653	0.564594	-1.77118	0.686608	1.13214	1.13214	2.62114	3.88674	1.31808	1
cg18151012	AKR7L;AKR7L	0.0947573	0.681168	1.18164	1.18164	0.0200403	3.10694	3.10694	0.145956	1.87876	1.87876	0.998029	0.999003	-1.001	0.208735	1.70805	1.70805	0.615011	1.22736	1.22736	0.0573395	2.38354	2.38354	0.00862785	3.86885	3.86885	0.246026	1.63254	1.63254	2.62107	6.77518	2.29768	1
cg02632229	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.094759	0.621596	0.946398	-1.05664	0.063007	1.26059	1.26059	0.0288332	1.33031	1.33031	0.289361	0.885345	-1.1295	0.958851	1.00573	1.00573	0.0507846	0.781596	-1.27943	0.203709	1.16015	1.16015	0.359714	1.1099	1.1099	0.632169	0.947999	-1.05485	2.62105	0.508973	0.17261	1
cg13580767	TMBIM6;TMBIM6	0.0947591	?	?	?	0.265863	1.46761	1.46761	0.244399	1.49624	1.49624	0.458372	0.778919	-1.28383	0.531578	0.810843	-1.23328	0.0173975	0.383602	-2.60687	0.0839095	0.531068	-1.883	0.157907	0.606782	-1.64804	0.349234	1.37555	1.37555	2.65072	4.0857	1.54135	1
cg02670133	SFRS12;SFRS12;SFRS12	0.0947592	0.831808	1.02594	1.02594	0.213714	0.854138	-1.17077	0.376186	0.896406	-1.11557	0.946935	1.00805	1.00805	0.32579	0.884992	-1.12995	0.0668844	0.78085	-1.28065	0.0031551	0.615198	-1.62549	0.32231	0.88416	-1.13102	0.165517	0.836849	-1.19496	2.62105	0.601963	0.204147	1
cg06616051	PDZD4	0.0947599	0.630495	1.2276	1.2276	0.727415	0.862385	-1.15957	0.0309686	2.92021	2.92021	0.127924	0.49841	-2.00638	0.0817731	0.44218	-2.26152	0.718653	0.858077	-1.1654	0.0288395	0.336058	-2.97568	0.465686	0.730442	-1.36903	0.288085	0.627115	-1.5946	2.62104	7.43057	2.51998	1
cg22736267	ZNF398	0.0947614	0.12616	0.639535	-1.56364	0.371997	1.28096	1.28096	0.188197	0.686131	-1.45745	0.0959892	0.610265	-1.63863	0.00470534	0.362509	-2.75855	0.148846	0.658198	-1.5193	0.789984	0.930428	-1.07477	0.84601	0.94883	-1.05393	0.693802	0.898623	-1.11281	2.62102	3.02937	1.02738	1
cg04193922	LOC729338;BBS12	0.0947621	0.127824	1.74282	1.74282	0.146132	1.69287	1.69287	0.00361581	3.77695	3.77695	0.771472	1.10326	1.10326	0.0828099	1.91198	1.91198	0.663175	1.15936	1.15936	0.549052	0.814998	-1.227	0.635323	1.17492	1.17492	0.308682	1.4269	1.4269	2.62101	4.72603	1.60278	1
cg11660418	UXS1	0.0947661	0.440506	0.79979	-1.25033	0.22919	0.698814	-1.431	0.0155026	0.430304	-2.32394	0.152477	0.647088	-1.54538	0.0105594	0.401094	-2.49318	0.979441	1.00735	1.00735	0.652863	1.13722	1.13722	0.699135	1.11661	1.11661	0.227018	0.697528	-1.43363	2.62097	3.34823	1.13554	1
cg12288551	GRB10;GRB10;GRB10	0.0947667	0.175795	0.729842	-1.37016	0.919337	0.978083	-1.02241	0.646919	0.904026	-1.10616	0.14527	0.710232	-1.40799	0.00372021	0.424307	-2.35678	0.952661	1.01307	1.01307	0.322798	1.25036	1.25036	0.819859	0.951323	-1.05117	0.141875	0.707861	-1.41271	2.62096	1.98678	0.67381	1
cg04488476	DAXX;DAXX;DAXX;DAXX	0.0947676	0.117411	0.712282	-1.40394	0.170724	1.33781	1.33781	0.281143	0.799731	-1.25042	0.0726586	1.49113	1.49113	0.25532	0.789047	-1.26735	0.126885	0.719357	-1.39013	0.0303703	0.601836	-1.66158	0.696337	1.08139	1.08139	0.848526	0.96257	-1.03889	2.62095	1.65221	0.560345	1
cg01805890	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.0947685	0.0411468	0.493749	-2.02532	0.0337071	0.475739	-2.10199	0.0604523	0.530383	-1.88543	0.936619	0.97646	-1.02411	0.0843638	0.564461	-1.7716	0.43179	0.786374	-1.27166	0.258181	0.702294	-1.4239	0.0994419	0.582212	-1.71759	0.0174626	0.420358	-2.37892	2.62094	3.72429	1.26309	1
cg14393469	STEAP2;STEAP2	0.0947689	0.0835234	1.40944	1.40944	0.0295045	0.631766	-1.58286	0.444736	1.14979	1.14979	0.332009	1.19639	1.19639	0.472871	0.877386	-1.13975	0.076484	0.702533	-1.42342	0.246623	0.804874	-1.24243	0.319658	1.20232	1.20232	0.29516	1.21472	1.21472	2.62093	1.33248	0.451909	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16511653	USP35;KCTD21	0.0947697	0.766103	0.959158	-1.04258	0.0159961	1.51018	1.51018	0.029234	1.43202	1.43202	0.660664	1.0637	1.0637	0.565398	1.08462	1.08462	0.771223	1.0416	1.0416	0.0609883	0.744408	-1.34335	0.743145	1.04704	1.04704	0.273089	1.17285	1.17285	2.62092	0.811026	0.27506	1
cg19652678	ACOX1;ACOX1;ACOX1;ACOX1;C17orf106	0.0947712	0.775106	0.929301	-1.07608	0.0912099	1.62126	1.62126	0.0905355	1.62328	1.62328	0.634172	1.13066	1.13066	0.201477	0.706062	-1.41631	0.279168	1.3359	1.3359	0.0205458	0.479267	-2.08652	0.399515	1.24791	1.24791	0.213413	1.40202	1.40202	2.79247	2.83443	0.789467	1
cg23010900	FER1L6	0.0947741	0.0770346	2.61245	2.61245	0.020866	3.88877	3.88877	0.0570476	2.86237	2.86237	0.167542	2.05139	2.05139	0.906182	0.944042	-1.05927	0.105021	2.37543	2.37543	0.0571922	2.86017	2.86017	0.0534404	2.91966	2.91966	0.082438	2.5589	2.5589	2.62087	9.90206	3.35836	1
cg17208363	TYRO3	0.0947745	0.242062	0.659033	-1.51737	0.236342	1.52588	1.52588	0.535786	1.23806	1.23806	0.0941226	1.87161	1.87161	0.0346413	2.31366	2.31366	0.676846	1.15343	1.15343	0.0138752	2.81608	2.81608	0.423879	0.75718	-1.32069	0.304471	1.43644	1.43644	2.62087	4.81413	1.63275	1
cg10535675	EED;EED	0.0947752	0.71191	0.903999	-1.1062	0.805531	0.93511	-1.06939	0.0435547	1.90615	1.90615	0.331555	0.760557	-1.31483	0.511055	0.833897	-1.19919	0.769743	1.08312	1.08312	0.0731336	1.73808	1.73808	0.126188	1.57685	1.57685	0.032135	0.496689	-2.01333	2.79241	3.20095	0.89157	1
cg05755092	PGAP2;NUP98;PGAP2;PGAP2;NUP98;NUP98;NUP98;PGAP2;NUP98;NUP98;NUP98;PGAP2;NUP98	0.0947756	0.051941	0.554322	-1.80401	0.384292	1.26871	1.26871	0.038072	0.526509	-1.8993	0.331841	0.765585	-1.30619	0.0485778	0.548208	-1.82412	0.0422879	0.535758	-1.86652	0.813994	1.0649	1.0649	0.173254	0.679349	-1.472	0.585352	1.15834	1.15834	2.62085	2.95471	1.00212	1
cg09195657	MIR940	0.0947772	0.0470402	0.485214	-2.06095	0.613809	0.850526	-1.17574	0.796882	1.08552	1.08552	0.795445	1.08617	1.08617	0.00437037	0.297833	-3.35759	0.302252	0.711755	-1.40498	0.649365	0.864479	-1.15677	0.467564	1.26514	1.26514	0.624521	1.16994	1.16994	2.62083	4.20174	1.42507	1
cg26849331	PRRT1	0.0947779	0.0876446	2.43754	2.43754	0.0890376	2.42616	2.42616	0.601456	1.28281	1.28281	0.356556	1.56539	1.56539	0.100249	0.426975	-2.34206	0.424366	0.680061	-1.47046	0.221053	1.83666	1.83666	0.0153369	4.08139	4.08139	0.517148	1.36393	1.36393	2.62082	9.2705	3.14422	1
cg16362133	SLC11A2	0.0947783	0.315515	0.456638	-2.18992	0.0598615	4.97132	4.97132	0.509594	1.65743	1.65743	0.0855245	4.20209	4.20209	0.444423	0.554962	-1.80192	0.816407	1.19203	1.19203	0.68576	0.735478	-1.35966	0.0083465	12.7556	12.7556	0.381259	1.97052	1.97052	2.62082	23.6793	8.03117	1
cg27173717	MFSD2A;MFSD2A	0.0947813	0.0294819	0.509115	-1.96419	0.53516	1.17984	1.17984	0.926706	0.976063	-1.02452	0.0932378	1.62616	1.62616	0.0255507	0.497251	-2.01106	0.781716	0.929469	-1.07588	0.198987	0.699494	-1.4296	0.324353	1.30737	1.30737	0.47206	0.824797	-1.21242	2.62079	2.87815	0.97618	1
cg18648037	LOC100302640	0.0947814	0.49023	0.774569	-1.29104	0.0549558	0.452362	-2.21062	0.69441	0.865957	-1.15479	0.229173	1.58399	1.58399	0.2661	0.655493	-1.52557	0.0457524	0.433981	-2.30425	0.0222658	0.3684	-2.71444	0.0934134	0.510386	-1.9593	0.535426	1.25704	1.25704	2.62078	5.51445	1.87033	1
cg07498275	SALL1;SALL1	0.094782	0.227481	0.900365	-1.11066	0.167268	0.885186	-1.12971	0.183246	0.889604	-1.1241	0.0138909	0.777407	-1.28633	0.127201	1.14642	1.14642	0.975796	1.00252	1.00252	0.292303	1.09473	1.09473	0.302607	0.915337	-1.09249	0.332368	1.08637	1.08637	2.62078	0.284852	0.0966132	1
cg27050057	COL6A3;COL6A3;COL6A3	0.0947822	0.921331	0.949552	-1.05313	0.891127	0.930747	-1.07441	0.116062	0.408595	-2.44741	0.0526656	0.315263	-3.17196	0.00323267	0.121831	-8.20808	0.873199	0.919709	-1.0873	0.350172	0.604148	-1.65522	0.32402	0.586399	-1.70532	0.275374	0.551751	-1.81241	2.62077	11.3984	3.86598	1
cg04023717	CYP3A43;CYP3A43;CYP3A43	0.0947827	0.127173	0.264765	-3.77693	0.502737	0.578145	-1.72967	0.0613703	0.183049	-5.46301	0.125217	0.262658	-3.80723	0.15119	0.289648	-3.45247	0.979397	0.979411	-1.02102	0.00384882	0.0433811	-23.0515	0.453883	0.540852	-1.84893	0.201163	0.337052	-2.9669	2.62077	26.9372	9.13631	1
cg06679265	SNORD59A;ATP5B	0.094783	0.40713	1.71004	1.71004	0.202357	2.34344	2.34344	0.802639	0.853468	-1.17169	0.518819	1.51259	1.51259	0.0699323	3.6044	3.6044	0.127176	0.352147	-2.83972	0.0122641	0.138928	-7.198	0.882733	1.09789	1.09789	0.5536	0.684453	-1.46102	2.62077	16.6159	5.63563	1
cg25511429	NRN1	0.0947855	0.111812	3.70239	3.70239	0.249093	2.48586	2.48586	0.0295127	6.94064	6.94064	0.809445	0.833088	-1.20035	0.076853	4.42515	4.42515	0.0277737	7.14267	7.14267	0.472702	0.575739	-1.7369	0.0467501	5.59032	5.59032	0.321545	2.16871	2.16871	2.62074	23.7165	8.04404	1
cg17474260	SNORD45C;SNORD45A;RABGGTB	0.0947867	0.0927877	1.3352	1.3352	0.0448818	0.697796	-1.43308	0.0931578	1.33468	1.33468	0.818887	1.0365	1.0365	0.0287444	1.49658	1.49658	0.75449	0.952149	-1.05026	0.800331	0.961162	-1.04041	0.152503	1.27066	1.27066	0.478439	1.11923	1.11923	2.62072	1.01404	0.343938	1
cg21043558	BRAF	0.0947873	0.117427	0.545939	-1.83171	0.993846	0.997259	-1.00275	0.45143	0.761036	-1.314	0.637549	0.844591	-1.184	0.0124271	0.330449	-3.02618	0.202568	1.61416	1.61416	0.56789	1.22811	1.22811	0.0647121	2.0927	2.0927	0.62276	1.19301	1.19301	2.62071	5.25794	1.78338	1
cg02550741	PVRL1;PVRL1;PVRL1	0.0947912	0.2075	1.66283	1.66283	0.0701497	0.460904	-2.16965	0.253298	0.63352	-1.57848	0.92492	0.96458	-1.03672	0.0129039	0.306976	-3.25759	0.0516945	0.428616	-2.33309	0.946632	0.974714	-1.02594	0.57972	1.23864	1.23864	0.250207	0.631463	-1.58362	2.62067	6.07536	2.06066	1
cg06116704	KLHL29	0.094792	0.964736	0.990207	-1.00989	0.154227	0.712126	-1.40425	0.340528	0.803609	-1.24439	0.813076	1.05414	1.05414	0.0501859	0.608351	-1.64379	0.383974	1.21983	1.21983	0.0161977	1.92455	1.92455	0.343832	1.24242	1.24242	0.269991	1.29134	1.29134	2.62066	2.05655	0.697551	1
cg18581405	S1PR4;S1PR4	0.0947972	0.070971	0.650331	-1.53768	0.631748	1.10848	1.10848	0.469589	0.85477	-1.1699	0.0737665	0.653683	-1.52979	0.923964	1.02057	1.02057	0.0510446	1.60639	1.60639	0.219068	1.31744	1.31744	0.470859	1.16936	1.16936	0.0678666	0.646477	-1.54685	2.6206	1.88821	0.640469	1
cg11219407	UBE2Q1	0.0947974	0.302664	0.772446	-1.29459	0.0418961	1.76301	1.76301	0.078202	1.60506	1.60506	0.462922	0.834701	-1.19803	0.077013	1.60878	1.60878	0.0462408	0.575678	-1.73708	0.729936	1.08741	1.08741	0.854084	1.04552	1.04552	0.856351	0.957129	-1.04479	2.6206	2.42695	0.823204	1
cg16822189	BACE1;BACE1;BACE1;BACE1	0.0947985	0.32942	0.789556	-1.26654	0.399484	1.22444	1.22444	0.0887379	1.55389	1.55389	0.161864	0.704231	-1.41999	0.0182522	1.95939	1.95939	0.270746	1.3089	1.3089	0.352839	1.25161	1.25161	0.445937	0.833275	-1.20008	0.0855266	1.56235	1.56235	2.62058	2.2873	0.77584	1
cg03863143	OR1F2P	0.0947985	0.0776609	0.252816	-3.95544	0.147624	0.336425	-2.97243	0.0928381	0.273451	-3.65696	0.893899	0.910676	-1.09809	0.0627491	0.230321	-4.34177	0.123867	0.310825	-3.21724	0.0111705	0.10754	-9.29887	0.0733904	0.246632	-4.05462	0.0735908	0.246927	-4.04978	2.62058	20.4069	6.92192	1
cg10393338	BRSK1	0.0948005	0.391018	0.796222	-1.25593	0.00474575	2.64423	2.64423	0.101836	1.59095	1.59095	0.457837	1.21655	1.21655	0.272512	1.34464	1.34464	0.441017	1.22595	1.22595	0.319269	1.30587	1.30587	0.348174	1.28458	1.28458	0.0537158	1.76468	1.76468	2.62056	2.79015	0.946413	1
cg15859320	RAB7A	0.0948043	0.538131	0.908602	-1.10059	0.505952	0.901429	-1.10935	0.311682	0.851348	-1.17461	0.240475	0.827816	-1.208	0.202786	0.813226	-1.22967	0.092718	1.32904	1.32904	0.0107615	1.63674	1.63674	0.333867	1.16563	1.16563	0.83067	0.967608	-1.03348	2.62051	0.981256	0.332846	1
cg17524821	WIZ	0.094806	0.0384606	0.296262	-3.37539	0.129357	0.435481	-2.29631	0.0684509	0.355303	-2.8145	0.219559	0.519481	-1.925	0.00747442	0.174284	-5.73775	0.268249	0.55711	-1.79498	0.162	0.468857	-2.13284	0.126244	0.432047	-2.31456	0.0864377	0.382577	-2.61386	2.62049	10.6806	3.62294	1
cg03394405	MFHAS1	0.0948087	0.721925	1.06706	1.06706	0.456787	1.14758	1.14758	0.543953	0.894434	-1.11803	0.950665	0.988824	-1.0113	0.0564742	0.675548	-1.48028	0.0797846	0.702484	-1.42352	0.0144406	1.72901	1.72901	0.279237	1.22671	1.22671	0.75896	1.0575	1.0575	2.62046	1.36922	0.464453	1
cg04274223	C19orf62;C19orf62;C19orf62;C19orf62	0.094812	0.73938	1.04331	1.04331	0.221957	1.17704	1.17704	0.199735	1.18772	1.18772	0.376404	0.891127	-1.12217	0.0984355	1.25877	1.25877	0.0593839	1.3103	1.3103	0.0334896	0.729458	-1.37088	0.961863	0.993946	-1.00609	0.205099	0.843854	-1.18504	2.62042	0.66923	0.227013	1
cg16145216	HIVEP3;HIVEP3	0.0948127	0.467343	0.71004	-1.40837	0.359241	1.54725	1.54725	0.92257	1.04604	1.04604	0.106782	0.442499	-2.25989	0.0428456	0.33984	-2.94256	0.180277	0.517458	-1.93253	0.338988	0.633599	-1.57829	0.0113624	0.230538	-4.33769	0.0687646	0.389396	-2.56808	2.62041	8.89748	3.01817	1
cg04385058	PIP5K1C	0.0948151	0.399098	1.55504	1.55504	0.0309835	0.273826	-3.65195	0.161428	0.465425	-2.14857	0.306391	1.71871	1.71871	0.0466786	0.311956	-3.20558	0.677828	0.807626	-1.2382	0.0774785	0.366528	-2.7283	0.632124	0.781393	-1.27977	0.0506207	0.320092	-3.12411	2.62039	10.8548	3.68217	1
cg22163199	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.094821	0.0608259	0.210635	-4.74755	0.032773	0.158674	-6.30224	0.276529	0.434212	-2.30302	0.890414	0.903384	-1.10695	0.172343	0.342797	-2.91718	0.158787	0.329506	-3.03485	0.0307314	0.154051	-6.49134	0.0301146	0.152621	-6.55216	0.0463388	0.18597	-5.3772	2.62032	22.5449	7.64791	1
cg26306893	SNHG11	0.0948214	0.0813226	0.202965	-4.92695	0.349686	0.451799	-2.21337	0.558402	1.62978	1.62978	0.51271	0.57814	-1.72968	0.0650108	0.180865	-5.52898	0.130023	0.259306	-3.85644	0.0122029	0.0759735	-13.1625	0.0300087	0.121635	-8.22129	0.246114	0.367475	-2.72127	2.62031	28.268	9.58936	1
cg06148997	RGPD3;RGPD3	0.0948216	0.102601	0.771166	-1.29675	0.233064	1.19951	1.19951	0.494428	1.10622	1.10622	0.148826	1.25264	1.25264	0.0460304	0.717031	-1.39464	0.967714	0.994129	-1.00591	0.123472	1.27474	1.27474	0.0742403	0.748718	-1.33562	0.492843	0.903638	-1.10664	2.62031	0.878359	0.297966	1
cg11330139	MAP1S	0.0948217	0.0312918	2.99659	2.99659	0.387817	1.46887	1.46887	0.287731	1.61522	1.61522	0.692391	1.18854	1.18854	0.0108411	4.01424	4.01424	0.695742	0.843054	-1.18616	0.210554	1.77375	1.77375	0.025261	3.17603	3.17603	0.851876	1.08459	1.08459	2.62031	7.83075	2.65643	1
cg01697794	DLG4;DLG4	0.0948232	0.0467399	0.56862	-1.75864	0.449362	0.826023	-1.21062	0.568867	1.15346	1.15346	0.0524245	1.72784	1.72784	0.0420764	0.559491	-1.78734	0.068193	0.6027	-1.6592	0.919246	1.02546	1.02546	0.305823	0.768828	-1.30068	0.628116	0.886015	-1.12865	2.62029	2.55117	0.86544	1
cg02690648	PINX1;MIR1322	0.0948254	0.16463	0.781397	-1.27976	0.261141	1.21529	1.21529	0.132423	1.31015	1.31015	0.336116	1.17941	1.17941	0.0199826	1.59548	1.59548	0.0187487	1.60622	1.60622	0.514883	1.11614	1.11614	0.293314	1.19886	1.19886	0.182253	1.26559	1.26559	2.62027	1.14877	0.389705	1
cg22510139	PRDM16;PRDM16	0.0948307	0.01995	0.299087	-3.34351	0.0977471	0.458106	-2.1829	0.400969	1.44689	1.44689	0.915342	0.955336	-1.04675	0.0556282	0.393782	-2.53948	0.310258	0.636886	-1.57014	0.357882	0.66612	-1.50123	0.0591991	0.400378	-2.49764	0.0427774	0.367126	-2.72386	2.6202	7.66256	2.59948	1
cg11616438	GK;GK;GK	0.0948327	0.29476	0.456892	-2.1887	0.0303744	6.26277	6.26277	0.0238715	6.98208	6.98208	0.760018	1.24714	1.24714	0.246906	0.417785	-2.39358	0.12571	0.302862	-3.30183	0.342258	2.02459	2.02459	0.586667	1.48546	1.48546	0.742001	1.26889	1.26889	2.62018	21.5639	7.31548	1
cg06946593	MBNL2;MBNL2	0.0948345	0.163355	1.39659	1.39659	0.205083	0.740666	-1.35014	0.141881	0.701458	-1.4256	0.151348	1.41228	1.41228	0.0235323	1.83552	1.83552	0.308388	1.26709	1.26709	0.063719	1.59683	1.59683	0.722003	1.08352	1.08352	0.283753	1.28409	1.28409	2.62016	2.09209	0.709741	1
cg05568384	STK38L	0.0948357	0.778537	1.03391	1.03391	0.796975	1.03097	1.03097	0.711322	1.04495	1.04495	0.130829	0.824493	-1.21287	0.0192511	1.39786	1.39786	0.0189863	1.39931	1.39931	0.166834	1.19047	1.19047	0.921687	0.988435	-1.0117	0.17521	1.18595	1.18595	2.62014	0.580668	0.196993	1
cg14875827	JRK;JRK	0.0948371	0.497982	0.876901	-1.14038	0.0808077	1.44729	1.44729	0.530539	1.12897	1.12897	0.613471	0.907325	-1.10214	0.902477	1.02368	1.02368	0.485845	0.873529	-1.14478	0.0075054	0.518383	-1.92908	0.359019	0.835204	-1.19731	0.176601	1.31558	1.31558	2.62013	1.51285	0.513239	1
cg04737993	HEXIM2	0.0948386	0.0232278	0.452834	-2.20832	0.202266	1.48161	1.48161	0.233042	0.694099	-1.44072	0.335434	1.33649	1.33649	0.0553426	0.530335	-1.8856	0.0550303	0.529791	-1.88754	0.750053	1.09782	1.09782	0.744897	1.10003	1.10003	0.433759	0.791961	-1.26269	2.62011	3.53835	1.20041	1
cg11466502	TLL2	0.0948439	0.096746	0.710389	-1.40768	0.346195	1.19954	1.19954	0.55672	0.894507	-1.11793	0.0525449	1.51196	1.51196	0.0488867	1.52472	1.52472	0.0859545	0.700554	-1.42744	0.828283	0.960078	-1.04158	0.34832	1.19853	1.19853	0.269281	1.24082	1.24082	2.62005	1.45962	0.495196	1
cg07103124	MAPK8;MAPK8;MAPK8;MAPK8	0.0948448	0.240744	0.515776	-1.93883	0.0507074	0.301139	-3.32073	0.285223	0.549705	-1.81916	0.0796664	2.85359	2.85359	0.0351183	0.266273	-3.75554	0.0849855	0.358164	-2.79201	0.275107	0.542209	-1.84431	0.451611	1.512	1.512	0.455689	0.66393	-1.50618	2.62004	12.0591	4.09122	1
cg12295918	LTF	0.0948465	0.341051	1.51051	1.51051	0.218379	0.580269	-1.72334	0.0224877	0.316921	-3.15536	0.387427	0.689064	-1.45124	0.139375	0.512356	-1.95177	0.826823	0.912005	-1.09649	0.529824	0.76524	-1.30678	0.0690446	2.35197	2.35197	0.15183	1.90685	1.90685	2.62002	7.33334	2.48797	1
cg23029506	ARID3B	0.0948472	0.15591	1.52122	1.52122	0.0061467	2.68536	2.68536	0.133674	1.56363	1.56363	0.782902	0.926514	-1.07931	0.70022	0.898608	-1.11283	0.127843	1.57605	1.57605	0.22642	0.703998	-1.42046	0.671566	1.12508	1.12508	0.363798	1.29421	1.29421	2.62001	3.16864	1.07502	1
cg15196165	HCG9	0.0948476	0.0683075	0.815767	-1.22584	0.380673	0.914198	-1.09385	0.438535	1.08202	1.08202	0.879842	0.985022	-1.01521	0.662658	0.957154	-1.04476	0.63037	0.952781	-1.04956	0.0171995	0.748558	-1.3359	0.453768	0.926694	-1.0791	0.0356918	1.27618	1.27618	2.62	0.412978	0.140111	1
cg25344734	RASSF10	0.0948478	0.554168	1.96089	1.96089	0.781735	0.731562	-1.36694	0.783078	1.36423	1.36423	0.407393	2.59549	2.59549	0.488455	0.452908	-2.20795	0.105259	7.32976	7.32976	0.00401451	77.5177	77.5177	0.0652136	10.2739	10.2739	0.784134	1.36211	1.36211	2.62	52.5565	17.8309	1
cg01357613	ZHX2	0.0948507	0.0707686	0.590547	-1.69335	0.370114	0.786549	-1.27138	0.433025	0.811626	-1.23209	0.753061	0.920966	-1.08582	0.326467	0.76776	-1.30249	0.65447	0.889124	-1.1247	0.00313247	0.348632	-2.86836	0.637081	1.13198	1.13198	0.513268	1.18881	1.18881	2.61997	2.82376	0.958032	1
cg04955683	MRPS6	0.0948508	0.135441	0.477979	-2.09214	0.455002	0.705335	-1.41777	0.115938	0.456663	-2.1898	0.500326	1.36865	1.36865	0.00529095	0.185196	-5.39968	0.339559	0.636644	-1.57074	0.113832	0.454226	-2.20155	0.427344	1.45029	1.45029	0.669429	0.82118	-1.21776	2.61997	8.7319	2.96251	1
cg22679940	HK1;HK1;HK1;HK1;HK1	0.0948544	0.0526043	0.331699	-3.01478	0.401183	0.650297	-1.53776	0.593644	0.763602	-1.30958	0.0769547	0.373458	-2.67768	0.0162832	0.229638	-4.35468	0.240229	0.540208	-1.85114	0.15942	0.470948	-2.12338	0.0284466	0.273879	-3.65124	0.0392166	0.302742	-3.30315	2.61992	10.4066	3.53075	1
cg14691416	SCAND1;SCAND1;SCAND1;SCAND1	0.0948558	0.322925	0.5844	-1.71116	0.353334	1.65274	1.65274	0.939022	1.04107	1.04107	0.0119169	0.191847	-5.21249	0.056046	0.320264	-3.12243	0.047118	0.302613	-3.30455	0.0949887	0.380871	-2.62556	0.241025	0.524276	-1.90739	0.402328	0.637033	-1.56978	2.61991	11.4854	3.89679	1
cg04140971	MACROD1	0.0948586	0.863343	1.14786	1.14786	0.00395397	22.258	22.258	0.0262822	8.24495	8.24495	0.950655	1.05078	1.05078	0.861896	1.14956	1.14956	0.822426	0.835332	-1.19713	0.768012	1.26715	1.26715	0.634584	0.681638	-1.46705	0.833156	1.18395	1.18395	2.61988	26.5852	9.02001	1
cg07001612	ZXDA	0.0948593	0.151798	0.37523	-2.66503	0.69896	0.780304	-1.28155	0.859033	0.892717	-1.12018	0.086689	3.34651	3.34651	0.830746	1.14642	1.14642	0.110163	0.329077	-3.03881	0.760854	0.82294	-1.21516	0.0104337	7.83338	7.83338	0.515207	1.52385	1.52385	2.61987	16.9088	5.73696	1
cg08827122	SNX8	0.0948606	0.130837	1.85747	1.85747	0.142787	1.81822	1.81822	0.131189	1.85626	1.85626	0.389921	1.3971	1.3971	0.0401382	0.406518	-2.45991	0.887318	1.05529	1.05529	0.0902819	0.492369	-2.031	0.166093	1.75161	1.75161	0.537107	0.788826	-1.26771	2.61985	5.97764	2.02815	1
cg20299236	FBXO7;FBXO7	0.0948607	0.182602	0.895445	-1.11676	0.697126	1.03101	1.03101	0.189918	1.11449	1.11449	0.141011	1.13158	1.13158	0.322411	0.923293	-1.08308	0.755217	1.02472	1.02472	0.0753442	0.856765	-1.16718	0.629657	0.962774	-1.03867	0.0183142	1.2505	1.2505	2.61985	0.252946	0.085822	1
cg14281210	MARCH8;MARCH8	0.0948611	0.423584	0.778382	-1.28472	0.00419618	3.24005	3.24005	0.0991749	1.74036	1.74036	0.940804	0.977491	-1.02303	0.729552	0.899076	-1.11225	0.585983	0.844854	-1.18364	0.309258	1.38066	1.38066	0.842282	0.940758	-1.06297	0.211484	1.49707	1.49707	2.61985	3.89893	1.32287	1
cg19520115	CAPZB	0.0948649	0.281326	1.17871	1.17871	0.278259	1.18005	1.18005	0.373354	1.14362	1.14362	0.380257	1.1413	1.1413	0.202723	0.8208	-1.21832	0.506594	1.10401	1.10401	0.00677302	0.597282	-1.67425	0.286764	1.17637	1.17637	0.842439	1.02966	1.02966	2.6198	0.894712	0.303573	1
cg01438145	WDR37	0.0948655	0.317297	1.51218	1.51218	0.132697	0.522555	-1.91367	0.952788	1.02397	1.02397	0.84003	0.922327	-1.08421	0.511087	1.30558	1.30558	0.0156774	3.27054	3.27054	0.374689	0.694535	-1.43981	0.203116	0.584227	-1.71166	0.0610415	0.429748	-2.32694	2.61979	6.64042	2.25308	1
cg25811386	CCDC65	0.0948656	0.732129	1.17967	1.17967	0.716982	1.19133	1.19133	0.534038	1.35375	1.35375	0.219014	0.537047	-1.86203	0.0136851	0.230779	-4.33315	0.411102	1.4981	1.4981	0.0150495	0.237639	-4.20807	0.904845	1.0592	1.0592	0.486077	0.711505	-1.40547	2.61979	9.59585	3.25585	1
cg27456945	RELN;RELN	0.0948665	0.438879	0.872526	-1.1461	0.445886	1.14363	1.14363	0.130751	1.32556	1.32556	0.616737	1.09106	1.09106	0.902297	0.979012	-1.02144	0.875926	1.02735	1.02735	0.172415	0.778157	-1.28509	0.00424318	1.93678	1.93678	0.473814	1.13408	1.13408	2.61978	1.23768	0.419942	1
cg21330088	APBB2;APBB2;APBB2	0.0948666	0.106421	1.14176	1.14176	0.240539	1.0968	1.0968	0.0229225	1.22708	1.22708	0.559444	1.04538	1.04538	0.0132817	1.25951	1.25951	0.594157	0.960366	-1.04127	0.977165	1.00215	1.00215	0.341782	0.928989	-1.07644	0.763146	0.977529	-1.02299	2.61978	0.234618	0.0796055	1
cg00953006	PIGQ;PIGQ	0.0948714	0.045369	0.465157	-2.14981	0.0487419	2.11813	2.11813	0.245535	1.4993	1.4993	0.0565216	2.05417	2.05417	0.103795	0.552597	-1.80964	0.469123	1.27836	1.27836	0.873629	0.94831	-1.05451	0.986554	1.00563	1.00563	0.924228	1.03223	1.03223	2.61972	4.613	1.56522	1
cg23403350	PRR7	0.0948714	0.0124149	0.413167	-2.42033	0.387841	0.777702	-1.28584	0.519127	0.830568	-1.204	0.0562055	1.84825	1.84825	0.309699	1.34798	1.34798	0.327999	0.750661	-1.33216	0.555195	1.18473	1.18473	0.710194	1.11185	1.11185	0.209893	1.45551	1.45551	2.61972	3.34774	1.13591	1
cg16759443	ACSF3;ACSF3;ACSF3	0.0948732	0.413418	0.936111	-1.06825	0.0245051	1.23561	1.23561	0.889167	1.01107	1.01107	0.227501	1.1052	1.1052	0.146421	1.13098	1.13098	0.448281	0.940806	-1.06292	0.0249649	1.23447	1.23447	0.912863	1.00868	1.00868	0.191428	0.896546	-1.11539	2.6197	0.258666	0.0877677	1
cg01614087	ARPC1B	0.0948752	0.0547085	0.276207	-3.62048	0.261803	0.501143	-1.99544	0.978023	1.0164	1.0164	0.315111	0.541569	-1.84649	0.0077868	0.133019	-7.51773	0.560026	0.706138	-1.41615	0.0177975	0.182479	-5.48008	0.601213	0.732457	-1.36527	0.233886	0.478634	-2.08928	2.61968	14.4627	4.90735	1
cg10829120	PTCD3;POLR1A	0.0948759	0.0664804	0.276762	-3.61321	0.259556	2.06633	2.06633	0.428014	1.6449	1.6449	0.0755877	0.291371	-3.43205	0.295544	0.512349	-1.9518	0.132125	0.364878	-2.74064	0.203273	2.29387	2.29387	0.0920957	3.17065	3.17065	0.324721	1.87118	1.87118	2.79106	16.2655	4.53265	1
cg07936672	NEURL3	0.094877	0.216978	0.326252	-3.06511	0.250349	0.354965	-2.81718	0.261357	0.364225	-2.74556	0.326876	2.39346	2.39346	0.113689	0.226724	-4.41065	0.214483	0.32406	-3.08585	0.00990539	0.0602328	-16.6023	0.0267765	0.104098	-9.60635	0.323185	0.41484	-2.41057	2.61966	30.8466	10.4667	1
cg25330773	FGFR1OP;FGFR1OP	0.0948774	0.0588504	1.43858	1.43858	0.05909	0.69543	-1.43796	0.671851	1.07532	1.07532	0.358344	1.17465	1.17465	0.166832	0.777878	-1.28555	0.410383	0.866347	-1.15427	0.0424678	1.48912	1.48912	0.196515	1.26204	1.26204	0.940713	1.01276	1.01276	2.61965	1.20502	0.408883	1
cg13723693	RAB40B	0.0948781	0.940777	1.02159	1.02159	0.49471	1.22058	1.22058	0.0841104	1.73221	1.73221	0.382885	1.29335	1.29335	0.71189	1.11253	1.11253	0.791503	1.07914	1.07914	0.0042987	0.33365	-2.99715	0.75478	1.09425	1.09425	0.673877	1.12939	1.12939	2.61964	3.42866	1.1634	1
cg22507733	FZD3	0.0948785	0.659291	1.04109	1.04109	0.322743	1.09712	1.09712	0.0602071	1.2121	1.2121	0.586852	1.05105	1.05105	0.362878	1.08857	1.08857	0.828041	1.01994	1.01994	0.0125314	0.754395	-1.32557	0.304154	1.10139	1.10139	0.151504	0.869829	-1.14965	2.61964	0.341677	0.115937	1
cg11802442	ELF3;ELF3	0.0948853	0.0988031	0.723905	-1.3814	0.213264	0.791382	-1.26361	0.109457	0.732321	-1.36552	0.404015	0.85862	-1.16466	0.168146	0.769365	-1.29977	0.224839	0.796457	-1.25556	0.016973	1.68156	1.68156	0.825437	1.04022	1.04022	0.305208	0.827347	-1.20868	2.61956	1.32208	0.448617	1
cg10173075	RLBP1;RLBP1	0.0948878	0.129011	0.361283	-2.76792	0.00615665	0.10884	-9.18782	0.027642	0.198674	-5.03338	0.747004	0.818008	-1.22248	0.215675	0.445418	-2.24508	0.227248	0.455331	-2.19621	0.101096	0.328139	-3.04749	0.125246	0.357056	-2.80068	0.625639	0.737011	-1.35683	2.61953	15.9803	5.42261	1
cg15596359	TDH	0.0948887	0.419963	0.755462	-1.32369	0.608878	0.838924	-1.192	0.0162504	0.367783	-2.71899	0.358036	1.37943	1.37943	0.0306469	0.421365	-2.37324	0.261308	1.48986	1.48986	0.214069	0.640695	-1.5608	0.802516	1.08902	1.08902	0.311844	1.42771	1.42771	2.61952	4.80523	1.63057	1
cg12433084	GDF10	0.0948902	0.109679	0.702098	-1.4243	0.565397	0.888826	-1.12508	0.926575	0.98148	-1.01887	0.513222	0.874171	-1.14394	0.495232	0.868966	-1.15079	0.0435462	0.624565	-1.60111	0.0511007	0.637275	-1.56918	0.50463	0.871695	-1.14719	0.00497852	0.470499	-2.1254	2.6195	1.70646	0.579062	1
cg16211328	LOC400927	0.0948905	0.0593301	0.367719	-2.71947	0.96231	0.978446	-1.02203	0.0914836	0.419003	-2.38662	0.489855	0.723095	-1.38294	0.197272	0.530524	-1.88493	?	?	?	0.00915148	0.204654	-4.88631	0.570805	1.30287	1.30287	0.568733	1.30478	1.30478	2.81929	8.26084	2.56385	1
cg03416562	CADM2;CADM2	0.0948916	0.818799	1.0542	1.0542	0.226359	1.33938	1.33938	0.19971	1.36568	1.36568	0.0351668	1.75845	1.75845	0.139344	1.44189	1.44189	0.736817	1.08068	1.08068	0.398875	0.819814	-1.21979	0.0652922	0.621272	-1.6096	0.0475621	1.68417	1.68417	2.61949	2.19524	0.744927	1
cg16245111	ATG2B	0.0948918	0.382802	0.853297	-1.17192	0.0149051	0.588155	-1.70023	0.309816	0.830029	-1.20478	0.618435	1.09309	1.09309	0.105589	1.36806	1.36806	0.393792	0.856555	-1.16747	0.134496	1.33115	1.33115	0.829711	1.03892	1.03892	0.115847	0.738627	-1.35386	2.61948	1.30356	0.442347	1
cg19087028	C3orf50	0.0948947	0.394287	1.17331	1.17331	0.420466	1.16272	1.16272	0.422309	0.860586	-1.162	0.0325762	1.58122	1.58122	0.520364	0.887495	-1.12677	0.0524937	1.49762	1.49762	0.014502	1.7362	1.7362	0.145192	1.33183	1.33183	0.408958	1.16731	1.16731	2.61945	1.39202	0.472372	1
cg21886367	LTB4R;LTB4R2;LTB4R2;LTB4R2;LTB4R;CIDEB;LTB4R	0.0948959	0.906852	1.04533	1.04533	0.00790852	3.63292	3.63292	0.0463084	2.37373	2.37373	0.665597	0.84817	-1.17901	0.975579	0.988474	-1.01166	0.184297	1.70459	1.70459	0.0891592	2.0338	2.0338	0.549367	1.25786	1.25786	0.363418	0.702064	-1.42437	2.61944	5.9498	2.01903	1
cg17732372	RYR3	0.0948975	0.550253	1.16085	1.16085	0.0337862	0.542452	-1.84348	0.837053	1.05213	1.05213	0.125326	0.664062	-1.50588	0.989304	1.00331	1.00331	0.741679	0.921615	-1.08505	0.00633454	0.41598	-2.40396	0.463779	0.831923	-1.20203	0.564317	1.15466	1.15466	2.61942	2.52623	0.857265	1
cg21554013	DCAKD;NMT1	0.0948988	0.315194	1.19408	1.19408	0.731703	0.942915	-1.06054	0.881756	0.9749	-1.02575	0.025429	0.635307	-1.57404	0.478398	1.13098	1.13098	0.934119	1.01422	1.01422	0.0118445	0.584711	-1.71025	0.944591	0.988199	-1.01194	0.20229	1.2585	1.2585	2.6194	1.21006	0.410633	1
cg02776314	ZNF583;ZNF583;ZNF583	0.0949023	0.677266	0.901158	-1.10968	0.449733	0.825702	-1.21109	0.0358674	0.544937	-1.83507	0.00250298	0.351972	-2.84113	0.533726	0.854938	-1.16968	0.77791	0.932104	-1.07284	0.388991	0.802902	-1.24548	0.43586	0.820639	-1.21856	0.728978	0.917144	-1.09034	2.61936	2.56501	0.870444	1
cg14479301	CRB2	0.0949066	0.192145	0.505655	-1.97763	0.00567217	0.166564	-6.00371	0.0308932	0.285982	-3.49672	0.967792	0.980255	-1.02014	0.089399	0.396511	-2.522	0.436029	0.675369	-1.48067	0.630951	0.787362	-1.27006	0.345361	0.61877	-1.61611	0.671039	1.23493	1.23493	2.61931	10.1203	3.43441	1
cg25816013	BUB3;BUB3	0.0949067	0.0574015	0.498206	-2.0072	0.381269	1.33792	1.33792	0.0635942	1.96618	1.96618	0.558691	1.21131	1.21131	0.31097	1.40469	1.40469	0.37213	1.34587	1.34587	0.236847	1.49445	1.49445	0.0161785	2.59523	2.59523	0.160567	1.62565	1.62565	2.61931	4.35932	1.47938	1
cg10840361	COG5;HBP1;COG5	0.0949073	0.877475	1.07061	1.07061	0.00850096	4.41636	4.41636	0.0230994	3.32452	3.32452	0.37398	1.49716	1.49716	0.878049	0.93435	-1.07026	0.986544	0.99257	-1.00749	0.103311	2.19887	2.19887	0.084648	2.32423	2.32423	0.267494	1.66667	1.66667	2.6193	8.11276	2.75316	1
cg26431550	C1orf201	0.0949098	0.12649	0.43509	-2.29838	0.0279468	0.270507	-3.69676	0.171714	0.480718	-2.08022	0.40278	0.649823	-1.53888	0.0147607	0.220789	-4.52921	0.112167	0.41863	-2.38874	0.0656095	0.353385	-2.82977	0.034995	0.290305	-3.44465	0.431211	0.667348	-1.49847	2.61927	10.5137	3.56798	1
cg00239394	C2orf89	0.0949099	0.859706	0.947329	-1.0556	0.00829491	2.80725	2.80725	0.0437793	2.03159	2.03159	0.140163	0.615441	-1.62485	0.676444	0.879536	-1.13696	0.465019	0.796588	-1.25535	0.768703	0.913757	-1.09438	0.781196	0.918364	-1.08889	0.973082	1.01037	1.01037	2.61927	3.88046	1.31689	1
cg08348709	NEUROD2	0.0949126	0.092944	0.629621	-1.58826	0.035248	0.541304	-1.84739	0.190756	1.41446	1.41446	0.464702	1.20471	1.20471	0.354355	0.787821	-1.26932	0.668658	0.897843	-1.11378	0.0242589	0.510581	-1.95855	0.148335	0.678371	-1.47412	0.612538	1.13635	1.13635	2.61924	2.5986	0.881883	1
cg06810673	ZFAND5;ZFAND5;ZFAND5	0.0949127	0.831727	0.969036	-1.03195	0.0352864	1.43676	1.43676	0.530788	1.0984	1.0984	0.0618907	1.3645	1.3645	0.834836	1.03134	1.03134	0.233652	0.831459	-1.20271	0.329504	1.16039	1.16039	0.0164931	1.54196	1.54196	0.435016	0.888933	-1.12494	2.61924	0.906394	0.307602	1
cg27554782	CHRNB4	0.0949146	0.0162111	11.4389	11.4389	0.13309	3.83023	3.83023	0.282614	2.52255	2.52255	0.242743	2.75416	2.75416	0.169208	3.3662	3.3662	0.239585	2.77478	2.77478	0.356524	2.1944	2.1944	0.00805088	16.6642	16.6642	0.0758929	5.14034	5.14034	2.61922	28.4904	9.66885	1
cg26858704	KCNA6;KCNA6	0.094915	0.164999	1.59435	1.59435	0.12397	0.591753	-1.6899	0.0617585	1.9398	1.9398	0.0495575	2.02516	2.02516	0.26612	0.694245	-1.44041	0.226576	1.49162	1.49162	0.133618	0.600771	-1.66453	0.773006	0.91294	-1.09536	0.759851	0.907957	-1.10137	2.61921	4.1145	1.39635	1
cg02582887	FAM58A;FAM58A	0.0949163	0.427765	0.590816	-1.69257	0.0591106	0.250284	-3.99546	0.0939421	0.302076	-3.31042	0.133143	0.34886	-2.86648	0.00956384	0.118507	-8.43832	0.0621309	0.255375	-3.91581	0.0526594	0.238873	-4.18633	0.695271	0.774239	-1.29159	0.116736	0.330304	-3.02751	2.6192	17.525	5.94753	1
cg13074811	LOC220594	0.0949169	0.698099	0.895969	-1.11611	0.0416679	0.515927	-1.93826	0.0235434	0.466637	-2.14299	0.241085	1.41319	1.41319	0.192173	0.677699	-1.47558	0.817499	0.936934	-1.06731	0.601547	0.862018	-1.16007	0.0212041	0.458053	-2.18315	0.247102	0.711013	-1.40644	2.61919	3.29463	1.11812	1
cg16292132	NHSL1;NHSL1	0.0949176	0.208891	1.61326	1.61326	0.261336	1.52641	1.52641	0.00936736	3.28577	3.28577	0.132895	1.79569	1.79569	0.701433	0.870159	-1.14922	0.386965	0.726024	-1.37736	0.388538	0.726832	-1.37583	0.268633	0.659696	-1.51585	0.186887	1.65717	1.65717	2.61918	5.4072	1.83508	1
cg22873412	PDE7A	0.0949184	0.116829	0.860073	-1.16269	0.798876	1.02285	1.02285	0.450518	1.07039	1.07039	0.0450347	0.81588	-1.22567	0.589026	1.04944	1.04944	0.591552	0.953207	-1.04909	0.0536976	1.21388	1.21388	0.0354332	0.805193	-1.24194	0.704632	1.03427	1.03427	2.61917	0.324696	0.110195	1
cg14555481	MYPOP	0.0949232	0.370941	0.692207	-1.44466	0.646186	0.831033	-1.20332	0.165095	1.80926	1.80926	0.026925	0.350199	-2.85552	0.189659	0.573337	-1.74418	0.0100904	0.272566	-3.66883	0.41377	0.715662	-1.39731	0.222668	0.598621	-1.6705	0.773634	0.890942	-1.12241	2.61911	6.65081	2.25719	1
cg16434331	SLC39A11;SLC39A11	0.0949253	0.546796	0.618304	-1.61733	0.00586596	0.0582377	-17.171	0.0171498	0.101243	-9.87726	0.88869	1.11674	1.11674	0.341791	0.461959	-2.16469	0.155073	0.301286	-3.3191	0.292913	0.423053	-2.36377	0.559411	0.627891	-1.59263	0.88203	1.1242	1.1242	2.61909	25.7851	8.75118	1
cg04923576	BMP8A	0.0949287	0.682729	0.726054	-1.37731	0.037626	6.54454	6.54454	0.272847	2.4327	2.4327	0.0118244	11.5708	11.5708	0.982483	0.983043	-1.01725	0.311467	2.26073	2.26073	0.173325	3.09129	3.09129	0.0237363	8.18895	8.18895	0.477519	1.75517	1.75517	2.61905	25.1698	8.54248	1
cg25121621	SQRDL	0.0949292	0.0260904	4.23879	4.23879	0.0606443	3.18071	3.18071	0.530161	1.41608	1.41608	0.461607	1.50681	1.50681	0.201451	0.478081	-2.09169	0.893592	0.929404	-1.07596	0.0715403	3.00666	3.00666	0.0347373	3.84396	3.84396	0.233594	1.98016	1.98016	2.61904	12.4135	4.21306	1
cg24905370	NSA2;NSA2;GFM2;GFM2;GFM2	0.09493	0.634457	0.878379	-1.13846	0.744614	0.915309	-1.09253	0.317079	0.75578	-1.32314	0.895154	1.03634	1.03634	0.2908	1.34554	1.34554	0.00393447	0.349815	-2.85865	0.0888805	0.601673	-1.66203	0.714128	1.10474	1.10474	0.608821	1.14998	1.14998	2.61903	3.04032	1.03187	1
cg25151559	SCNN1D;SCNN1D	0.0949302	0.765294	0.917133	-1.09035	0.352785	1.31819	1.31819	0.989719	0.996284	-1.00373	0.0240782	2.1757	2.1757	0.0474303	0.519317	-1.92561	0.0598457	1.84691	1.84691	0.135067	1.59274	1.59274	0.865692	0.952267	-1.05013	0.571769	0.847813	-1.17951	2.61903	3.46273	1.17524	1
cg02149446	C5AR1	0.0949303	0.0351696	0.193854	-5.15852	0.175216	0.381375	-2.62209	0.103704	0.304291	-3.28633	0.107062	0.308422	-3.24231	0.0487368	0.221997	-4.50457	0.189192	0.394547	-2.53455	0.0164504	0.140858	-7.09937	0.0413973	0.20745	-4.82044	0.606132	0.706264	-1.4159	2.61903	18.545	6.29412	1
cg23708044	AGPAT3	0.0949313	0.39801	1.31547	1.31547	0.126206	0.592012	-1.68916	0.404821	1.31005	1.31005	0.177814	0.63526	-1.57416	0.0748187	0.533264	-1.87524	0.0429595	0.47805	-2.09183	0.0424196	0.476861	-2.09705	0.049271	0.491118	-2.03617	0.56488	0.831625	-1.20246	2.61902	4.16429	1.41335	1
cg03930532	UBE2O	0.0949316	0.656816	0.866588	-1.15395	0.31204	0.715424	-1.39777	0.49842	1.24616	1.24616	0.913466	1.03542	1.03542	0.0119125	0.36606	-2.73179	0.958643	1.01674	1.01674	0.0104682	0.356357	-2.80617	0.47219	0.791238	-1.26384	0.17771	0.632133	-1.58194	2.61902	4.25307	1.44349	1
cg16848717	NFATC1;NFATC1;NFATC1	0.0949317	0.706789	0.854216	-1.17066	0.0553408	0.404272	-2.47358	0.0244002	0.326818	-3.05981	0.273704	1.60792	1.60792	0.408933	0.703168	-1.42214	0.568461	0.786351	-1.2717	0.0118358	0.269722	-3.70752	0.292565	0.634254	-1.57666	0.738132	0.869439	-1.15017	2.61901	7.21162	2.44761	1
cg16101739	PRRX1;PRRX1	0.0949354	0.0615733	0.418613	-2.38884	0.0134279	0.281971	-3.54646	0.135094	0.513679	-1.94674	0.361689	0.678585	-1.47365	0.148357	0.526685	-1.89867	0.253145	0.610443	-1.63815	0.0189844	0.308942	-3.23686	0.069291	0.431533	-2.31732	0.138845	0.517439	-1.9326	2.61897	7.09366	2.40762	1
cg21097820	DPP6;DPP6;DPP6	0.0949381	0.122722	1.43818	1.43818	0.924843	0.979707	-1.02071	0.108161	0.68329	-1.46351	0.432982	0.840415	-1.18989	0.255149	0.772488	-1.29452	0.405661	1.20304	1.20304	0.0102354	2.02048	2.02048	0.791136	0.943959	-1.05937	0.39443	0.827351	-1.20868	2.61894	1.95823	0.664638	1
cg25349370	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.0949383	0.101095	0.750549	-1.33236	0.314271	1.18095	1.18095	0.0150507	1.61212	1.61212	0.043565	0.690128	-1.44901	0.864611	1.02765	1.02765	0.486105	0.893054	-1.11975	0.602056	0.919356	-1.08772	0.621158	0.92347	-1.08287	0.576568	1.09435	1.09435	2.61894	1.05945	0.359584	1
cg00215182	C1QB	0.0949393	0.24896	0.63514	-1.57446	0.331059	0.685391	-1.45902	0.00323704	0.220292	-4.53943	0.163206	0.570867	-1.75172	0.463028	0.754742	-1.32496	0.916922	1.04009	1.04009	0.393989	1.38941	1.38941	0.491461	1.30111	1.30111	0.777043	0.89858	-1.11287	2.61892	5.88508	1.99745	1
cg12257894	STK32C	0.09494	0.926157	1.02782	1.02782	0.00427201	3.09997	3.09997	0.107092	1.68307	1.68307	0.268144	1.40689	1.40689	0.0391298	2.02704	2.02704	0.30357	1.37079	1.37079	0.260212	1.41565	1.41565	0.161609	1.55642	1.55642	0.842238	1.06075	1.06075	2.61892	3.63342	1.23322	1
cg03040243	NANS	0.0949412	0.11853	1.79824	1.79824	0.204035	1.59072	1.59072	0.640797	1.17671	1.17671	0.357756	1.3875	1.3875	0.00629104	0.291573	-3.42967	0.736959	0.88982	-1.12382	0.707653	0.877696	-1.13935	0.503153	1.26528	1.26528	0.344955	1.40052	1.40052	2.6189	4.97381	1.68817	1
cg20820063	C18orf34;C18orf34;C18orf34	0.0949448	0.830268	1.07021	1.07021	0.318954	0.722103	-1.38484	0.968709	0.987677	-1.01248	0.74447	1.10892	1.10892	0.35482	0.740153	-1.35107	0.211722	0.659766	-1.51569	0.505219	1.23828	1.23828	0.0445373	2.07349	2.07349	0.00910939	2.85009	2.85009	2.61886	4.1446	1.40675	1
cg22798707	ELAVL2;ELAVL2;ELAVL2	0.0949457	0.0979107	10.0461	10.0461	0.0969273	10.1277	10.1277	0.182749	6.02932	6.02932	0.15138	7.05304	7.05304	0.0520814	16.5758	16.5758	0.0781493	12.0246	12.0246	0.0195758	36.0378	36.0378	0.0464005	18.1573	18.1573	0.042334	19.5202	19.5202	2.61885	66.973	22.7319	1
cg27611857	MGAT4A	0.094947	0.355708	1.25475	1.25475	0.298904	1.29329	1.29329	0.574067	1.1453	1.1453	0.375586	1.24262	1.24262	0.0741449	0.62166	-1.6086	0.988785	0.996648	-1.00336	0.00604127	0.424565	-2.35535	0.928683	0.978843	-1.02161	0.772623	1.07166	1.07166	2.61883	2.36674	0.803321	1
cg26923863	CTBP1;CTBP1	0.0949493	0.724516	1.16551	1.16551	0.95487	0.975801	-1.0248	0.0290402	0.328329	-3.04572	0.0346286	0.344304	-2.90441	0.702971	0.847193	-1.18037	0.946007	1.02975	1.02975	0.0779997	2.33414	2.33414	0.32878	1.54693	1.54693	0.116602	0.478072	-2.09174	2.61881	7.77053	2.63751	1
cg25124223	NUP43	0.0949498	0.227169	0.796764	-1.25508	0.452119	0.871736	-1.14714	0.75849	1.05682	1.05682	0.183405	0.776518	-1.2878	0.143923	1.32491	1.32491	0.0499053	0.669834	-1.49291	0.381775	0.85151	-1.17438	0.156669	0.762255	-1.3119	0.0368574	1.54413	1.54413	2.6188	1.33184	0.452061	1
cg05218976	ZNF570;ZNF569	0.0949498	0.288448	0.742239	-1.34728	0.13193	1.55245	1.55245	0.138231	1.5399	1.5399	0.410754	0.796504	-1.25549	0.702891	0.901533	-1.10922	0.0714481	0.580118	-1.72379	0.0175195	0.457465	-2.18596	0.613587	0.871334	-1.14767	0.400954	1.26181	1.26181	2.6188	3.03458	1.03002	1
cg14106308	VEPH1;VEPH1;VEPH1;VEPH1;VEPH1;VEPH1	0.0949505	0.178591	2.97295	2.97295	0.00901418	12.57	12.57	0.330797	2.14912	2.14912	0.537079	1.61044	1.61044	0.120394	3.6124	3.6124	0.123981	3.56113	3.56113	0.0534206	5.32658	5.32658	0.0599288	5.04427	5.04427	0.0429246	5.90777	5.90777	2.61879	24.1086	8.18312	1
cg27128042	CCNF	0.094951	0.979177	0.985189	-1.01503	0.722079	1.22652	1.22652	0.244852	2.0047	2.0047	0.999396	0.999567	-1.00043	0.0983332	0.354704	-2.81926	0.193515	0.455396	-2.19589	0.0119135	0.166255	-6.01484	0.12308	2.59882	2.59882	0.234444	0.490394	-2.03918	2.61879	13.5563	4.60138	1
cg19285777	GCNT3	0.0949518	0.300012	0.438358	-2.28124	0.0956405	0.245231	-4.07779	0.0509379	0.181338	-5.51457	0.762112	1.26254	1.26254	0.0818077	0.227442	-4.39673	0.267816	0.412156	-2.42626	0.00701885	0.0687939	-14.5362	0.177064	0.332299	-3.00933	0.121627	0.27566	-3.62766	2.61878	24.4554	8.30089	1
cg14365123	ACTRT2;ACTRT2	0.0949525	0.857231	1.05382	1.05382	0.0759736	1.77684	1.77684	0.629288	1.1521	1.1521	0.317069	1.3513	1.3513	0.116851	0.609013	-1.642	0.0601954	1.85345	1.85345	0.0163809	2.34916	2.34916	0.119716	1.63464	1.63464	0.298818	1.36816	1.36816	2.61877	3.51435	1.19287	1
cg19019371	SPSB4	0.0949546	0.741439	0.942917	-1.06054	0.212475	0.792064	-1.26252	0.0960066	0.722884	-1.38335	0.877312	0.972949	-1.0278	0.0824846	0.710755	-1.40695	0.893367	0.976474	-1.02409	0.0378161	0.652101	-1.53351	0.872501	1.02892	1.02892	0.0277976	1.58664	1.58664	2.61874	1.30696	0.443626	1
cg04791523	TAF1C;TAF1C	0.0949558	0.0462201	0.581812	-1.71877	0.0113716	0.471706	-2.11997	0.120456	0.670708	-1.49096	0.401791	0.815871	-1.22568	0.169931	0.707043	-1.41434	0.875887	0.963613	-1.03776	0.206332	1.37177	1.37177	0.107618	0.659411	-1.5165	0.536255	0.861979	-1.16012	2.61873	2.33245	0.791716	1
cg12674192	MAK16	0.0949565	0.721396	1.06133	1.06133	0.0776214	1.38548	1.38548	0.0490852	0.688356	-1.45274	0.341505	1.17696	1.17696	0.0710637	0.715192	-1.39823	0.914966	0.982401	-1.01791	0.452312	1.13574	1.13574	0.0794114	1.3822	1.3822	0.242149	0.815873	-1.22568	2.61872	1.1461	0.389026	1
cg21989299	PCYOX1	0.0949567	0.0873481	0.607299	-1.64664	0.0640301	1.73321	1.73321	0.701021	1.10732	1.10732	0.230915	1.39385	1.39385	0.255757	0.730892	-1.36819	0.478772	0.826736	-1.20958	0.0918351	0.612368	-1.633	0.211174	1.41636	1.41636	0.0987108	1.61351	1.61351	2.61872	2.89581	0.982945	1
cg04001333	FLVCR2	0.0949574	0.0213027	4.90565	4.90565	0.101191	2.8051	2.8051	0.197683	2.18689	2.18689	0.738477	1.21234	1.21234	0.0449485	0.266493	-3.75244	0.117438	2.65697	2.65697	0.874173	1.09535	1.09535	0.589079	0.730961	-1.36806	0.876679	0.914626	-1.09334	2.61871	13.6964	4.64906	1
cg14758967	PHF15	0.0949579	0.638943	0.911605	-1.09697	0.417626	0.850252	-1.17612	0.0181429	0.570128	-1.75399	0.658078	1.09115	1.09115	0.40162	1.18308	1.18308	0.249767	0.790124	-1.26562	0.0196501	1.73671	1.73671	0.761214	1.06151	1.06151	0.546249	1.12704	1.12704	2.61871	1.59078	0.539972	1
cg01288993	ZKSCAN1	0.0949582	0.806257	0.961671	-1.03986	0.419634	0.877083	-1.14014	0.114765	0.76125	-1.31363	0.107284	1.3226	1.3226	0.150788	1.27751	1.27751	0.531209	0.904038	-1.10615	0.164978	0.790103	-1.26566	0.0754193	1.37001	1.37001	0.0615412	0.715358	-1.3979	2.6187	1.04921	0.356144	1
cg18652900	PGLYRP2	0.0949623	0.843413	1.0763	1.0763	0.482448	1.30398	1.30398	0.767867	1.11634	1.11634	0.670947	1.17221	1.17221	0.0508204	0.437248	-2.28703	0.108953	0.522068	-1.91546	0.607751	1.21227	1.21227	0.0102045	3.3343	3.3343	0.443293	1.33726	1.33726	2.61865	5.73332	1.94615	1
cg18174404	NMU	0.0949648	0.369119	0.684195	-1.46157	0.730617	1.15281	1.15281	0.097814	2.11125	2.11125	0.929519	0.964256	-1.03707	0.051201	0.40111	-2.49308	0.0911448	0.465069	-2.15022	0.145679	0.525853	-1.90167	0.0497616	2.51131	2.51131	0.641923	0.824749	-1.21249	2.61862	7.02051	2.3831	1
cg04528043	GGA1;GGA1;GGA1	0.0949656	0.0377201	1.48255	1.48255	0.205518	1.24385	1.24385	0.0820219	1.37	1.37	0.629762	1.08259	1.08259	0.418272	1.14469	1.14469	0.404699	1.14946	1.14946	0.115319	0.755999	-1.32275	0.0514624	0.696115	-1.43654	0.947156	1.01089	1.01089	2.61862	1.10704	0.375785	1
cg23889236	EPS8L2	0.0949661	0.135916	9.23995	9.23995	0.120446	10.2846	10.2846	0.217105	6.03107	6.03107	0.0833308	14.1898	14.1898	0.054877	20.3424	20.3424	0.0901737	13.2504	13.2504	0.0214637	45.7359	45.7359	0.0475767	22.997	22.997	0.0316038	32.6994	32.6994	2.61861	79.4064	26.9545	1
cg03915708	CLASP1;CLASP1;CLASP1	0.0949661	0.215966	1.55252	1.55252	0.128504	1.74192	1.74192	0.572205	1.21264	1.21264	0.138239	1.71453	1.71453	0.173274	1.63146	1.63146	0.0696695	1.98443	1.98443	0.00552835	3.4271	3.4271	0.0930998	1.86647	1.86647	0.0677324	1.99624	1.99624	2.61861	4.73241	1.60642	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10382533	ZNF700	0.0949682	0.485381	1.15726	1.15726	0.0277747	0.58518	-1.70888	0.308572	0.804841	-1.24248	0.394091	1.19702	1.19702	0.870963	1.03406	1.03406	0.0953737	0.685599	-1.45858	0.0354764	1.65596	1.65596	0.55526	1.1308	1.1308	0.284935	0.795471	-1.25712	2.61859	1.76019	0.597503	1
cg07683388	ANKRD44	0.0949684	0.0239073	37.311	37.311	0.209645	5.90472	5.90472	0.196361	6.26323	6.26323	0.177291	6.86025	6.86025	0.0693117	15.3176	15.3176	0.668769	1.7825	1.7825	0.0266021	34.1011	34.1011	0.0423973	23.0862	23.0862	0.0396225	24.4277	24.4277	2.61858	74.8016	25.3917	1
cg02329029	PEX26;PEX26	0.0949693	0.524745	0.74073	-1.35002	0.0721769	2.54567	2.54567	0.833575	0.906676	-1.10293	0.146509	2.06612	2.06612	0.162058	0.499013	-2.00396	0.408072	1.48291	1.48291	0.018309	0.263632	-3.79317	0.172632	0.508734	-1.96566	0.705185	0.837798	-1.1936	2.61857	8.99132	3.05215	1
cg06399735	PSD3	0.0949695	0.0765933	0.384944	-2.59778	0.0116649	0.217035	-4.60756	0.0181312	0.248889	-4.01786	0.225292	0.539433	-1.8538	0.153687	0.476961	-2.09661	0.159431	0.482518	-2.07246	0.0578498	0.353675	-2.82745	0.374746	0.643032	-1.55513	0.243813	0.553755	-1.80585	2.61857	9.74213	3.30702	1
cg04487857	SLC7A11	0.0949704	0.0270134	0.288827	-3.46228	0.241261	1.78933	1.78933	0.119978	2.22575	2.22575	0.61702	0.787303	-1.27016	0.0659266	0.37583	-2.66078	0.159056	0.489731	-2.04194	0.132627	0.463166	-2.15905	0.506778	0.726528	-1.37641	0.186704	0.514841	-1.94235	2.61856	9.33031	3.16724	1
cg04853843	IRX6	0.0949723	0.729405	0.965616	-1.03561	0.384591	0.914093	-1.09398	0.00749426	1.41457	1.41457	0.540919	1.06435	1.06435	0.452938	0.925854	-1.08008	0.322933	1.10835	1.10835	0.0802243	0.822384	-1.21598	0.491727	1.0729	1.0729	0.256225	1.12683	1.12683	2.61854	0.421038	0.142926	1
cg19582647	MIR942;TTF2	0.0949762	0.0107957	0.354321	-2.8223	0.0426677	0.469505	-2.1299	0.454538	0.781281	-1.27995	0.943317	0.977224	-1.02331	0.0819544	0.535537	-1.86728	0.198859	0.644106	-1.55254	0.0519371	0.488447	-2.04731	0.840725	1.06737	1.06737	0.67699	1.14538	1.14538	2.61849	4.35359	1.4779	1
cg27570892	CHCHD4;CHCHD4	0.094983	0.832146	0.931348	-1.07371	0.903024	0.959978	-1.04169	0.0231928	0.402749	-2.48294	0.634933	0.851909	-1.17383	0.00506339	0.288846	-3.46205	0.280541	0.686694	-1.45625	0.550208	1.22453	1.22453	0.731935	1.12212	1.12212	0.771281	0.906943	-1.1026	2.61841	4.65652	1.58078	1
cg19599202	MLEC	0.0949865	0.715621	1.20433	1.20433	0.22371	1.9147	1.9147	0.43342	1.50109	1.50109	0.476616	0.692288	-1.44449	0.647243	1.26379	1.26379	0.00634885	0.164412	-6.08229	0.681386	1.2334	1.2334	0.153271	2.17507	2.17507	0.197455	1.9983	1.9983	2.61837	10.7076	3.63503	1
cg09589565	GPR133	0.0949897	0.120496	0.711692	-1.4051	0.491771	0.868472	-1.15145	0.243741	1.27931	1.27931	0.118346	0.710044	-1.40836	0.0103132	0.520622	-1.92078	0.677414	0.918984	-1.08816	0.182205	0.751308	-1.33101	0.186986	0.753917	-1.32641	0.0479903	0.633478	-1.57859	2.61833	1.69135	0.574191	1
cg22251124	ACPL2;ACPL2	0.0949938	0.649435	0.927683	-1.07795	0.179663	1.26336	1.26336	0.356461	1.16833	1.16833	0.241946	0.817994	-1.2225	0.438743	0.878489	-1.13832	0.531107	0.901162	-1.10968	0.0144732	0.610026	-1.63927	0.0776115	1.37954	1.37954	0.264511	1.21018	1.21018	2.61828	1.1158	0.378805	1
cg04216480	FHIT;FHIT	0.0949945	0.330739	0.71099	-1.40649	0.371396	1.36606	1.36606	0.351168	0.721716	-1.38559	0.0401219	0.446599	-2.23915	0.00426194	0.272596	-3.66843	0.599059	0.835009	-1.19759	0.444626	0.767319	-1.30324	0.972726	1.01169	1.01169	0.312267	0.700988	-1.42656	2.61828	4.79006	1.6262	1
cg24435669	TMEM51;TMEM51;TMEM51;TMEM51	0.0949965	0.285738	0.629705	-1.58804	0.00646411	0.228302	-4.38016	0.223832	0.586784	-1.7042	0.564139	1.27534	1.27534	0.0243387	0.326436	-3.06339	0.924666	0.961314	-1.04024	0.695813	0.848818	-1.17811	0.65009	1.20987	1.20987	0.270079	0.619365	-1.61456	2.61825	7.21609	2.44984	1
cg17996830	ODZ4	0.0949982	0.091153	0.388961	-2.57095	0.637131	0.785735	-1.27269	0.205717	0.507898	-1.9689	0.958549	0.973968	-1.02673	0.743666	0.846603	-1.18119	0.15289	0.459833	-2.1747	0.0168972	0.227876	-4.38835	0.101975	0.403167	-2.48036	0.0102874	0.193774	-5.16065	2.61823	10.6797	3.62575	1
cg03628186	SREBF1;SREBF1	0.0949994	0.787065	1.03123	1.03123	0.666529	0.951952	-1.05047	0.00213868	0.612681	-1.63217	0.967793	0.995425	-1.0046	0.617079	0.944353	-1.05893	0.5101	1.07884	1.07884	0.748539	0.964128	-1.03721	0.611992	1.05982	1.05982	0.439362	1.09371	1.09371	2.61822	0.534948	0.181616	1
cg19112957	AGBL2	0.0949999	0.116729	0.187946	-5.32068	0.98056	1.02419	1.02419	0.165178	0.234101	-4.27166	0.537295	0.5419	-1.84536	0.0162471	17.8643	17.8643	0.806702	0.786281	-1.27181	0.0472938	0.107955	-9.26315	0.201936	0.266728	-3.74914	0.581802	0.579509	-1.7256	2.61821	39.8899	13.5427	1
cg16930768	GSTK1;GSTK1;GSTK1;GSTK1	0.0950009	0.524597	0.770081	-1.29857	0.409862	0.710703	-1.40706	0.461302	0.737945	-1.35512	0.0274324	0.347493	-2.87775	0.68051	0.845553	-1.18266	0.275267	0.631344	-1.58392	0.0492714	0.402803	-2.4826	0.0739655	2.24101	2.24101	0.147948	1.87558	1.87558	2.6182	6.80775	2.31126	1
cg00522893	TLX2;TLX2	0.0950044	0.668764	1.06206	1.06206	0.354423	1.14258	1.14258	0.0636412	1.33873	1.33873	0.372141	0.879684	-1.13677	0.548944	0.918656	-1.08855	0.15077	0.806187	-1.24041	0.883056	1.02081	1.02081	0.0121301	1.54874	1.54874	0.130058	1.25706	1.25706	2.61816	0.811608	0.275548	1
cg17178900	PM20D1	0.0950066	0.0417746	3.86546	3.86546	0.124744	2.60534	2.60534	0.498897	1.48516	1.48516	0.720963	1.22954	1.22954	0.014595	5.65738	5.65738	0.32652	1.79254	1.79254	0.639512	0.762003	-1.31233	0.0374069	4.02139	4.02139	0.059505	3.40582	3.40582	2.61813	13.7653	4.67348	1
cg19010139	ULK4	0.0950069	0.0657624	0.378213	-2.64401	0.0578683	0.364311	-2.74491	0.0828731	0.404816	-2.47026	0.825925	1.10929	1.10929	0.00587735	0.183134	-5.46048	0.899141	0.942036	-1.06153	0.504122	0.726716	-1.37605	0.87717	0.929756	-1.07555	0.264593	0.578371	-1.72899	2.61813	9.19481	3.12176	1
cg22960952	C4orf26	0.0950078	0.0537064	0.286012	-3.49636	0.368471	0.589896	-1.69521	0.149639	0.413671	-2.41738	0.230031	0.486962	-2.05355	0.0188393	0.196772	-5.08202	0.108808	0.368124	-2.71648	0.0129331	0.171538	-5.82963	0.153313	0.41741	-2.39573	0.103779	0.361876	-2.76338	2.61812	13.5378	4.59629	1
cg19253850	PTPRE	0.095012	0.571664	0.818866	-1.2212	0.0171728	0.36229	-2.76022	0.445082	0.761722	-1.31281	0.260338	1.50755	1.50755	0.309048	1.44495	1.44495	0.787811	1.09891	1.09891	0.114429	0.548644	-1.82268	0.150894	0.58379	-1.71295	0.0998646	1.87846	1.87846	2.61807	5.06866	1.72091	1
cg15701208	NXPH2	0.0950122	0.0848776	0.389012	-2.57062	0.183114	0.496624	-2.01359	0.0340513	0.293532	-3.40679	0.356008	0.624737	-1.60067	0.0704838	0.367259	-2.72287	0.113047	2.3504	2.3504	0.080451	0.3826	-2.61369	0.563511	1.33558	1.33558	0.325771	0.604865	-1.65326	2.61807	10.1803	3.45643	1
cg24423567	SGOL2;SGOL2;SGOL2	0.0950122	0.449065	1.14327	1.14327	0.311276	1.19941	1.19941	0.996937	1.00067	1.00067	0.0484458	1.47896	1.47896	0.0416248	1.50335	1.50335	0.0109927	1.73981	1.73981	0.345851	0.844928	-1.18353	0.897706	1.02258	1.02258	0.147332	1.3098	1.3098	2.61807	1.24916	0.424116	1
cg06504063	SLC26A6;SLC26A6;SLC26A6	0.095013	0.00273672	0.457996	-2.18342	0.223188	0.785302	-1.2734	0.871175	0.969818	-1.03112	0.123511	0.729766	-1.3703	0.773556	0.946981	-1.05599	0.741875	1.0644	1.0644	0.175299	0.761719	-1.31282	0.740713	1.06472	1.06472	0.469472	0.870259	-1.14908	2.61806	1.47853	0.501995	1
cg04031656	CHD9	0.095013	0.0579205	0.41316	-2.42037	0.0347573	0.362493	-2.75867	0.0161936	0.297366	-3.36286	0.507783	1.31923	1.31923	0.326675	0.658673	-1.5182	0.937147	0.968004	-1.03305	0.0504671	0.398839	-2.50728	0.885709	1.0611	1.0611	0.774257	0.888188	-1.12589	2.61806	7.04949	2.39346	1
cg05075416	IGF1R	0.0950135	0.481571	1.24223	1.24223	0.0355353	2.10027	2.10027	0.0428716	0.493275	-2.02727	0.718341	0.895989	-1.11609	0.0514618	0.510532	-1.95874	0.264867	1.42242	1.42242	0.981744	0.993086	-1.00696	0.334518	1.35229	1.35229	0.443874	0.789228	-1.26706	2.61805	3.81243	1.29441	1
cg22777186	PKNOX2	0.095014	0.27738	0.683252	-1.46359	0.756999	1.11032	1.11032	0.101276	0.546075	-1.83125	0.235261	1.5211	1.5211	0.0106819	0.338903	-2.95069	0.39372	0.744855	-1.34254	0.194908	1.5877	1.5877	0.266256	1.47783	1.47783	0.840199	0.934192	-1.07044	2.61805	4.71383	1.60046	1
cg18024928	LSAMP	0.0950142	0.758162	1.14461	1.14461	0.106788	2.15987	2.15987	0.81188	0.900983	-1.1099	0.770712	0.880028	-1.13633	0.148929	0.508178	-1.96781	0.379068	1.48385	1.48385	0.00879915	0.23249	-4.30127	0.202673	1.8007	1.8007	0.510549	1.33893	1.33893	2.61804	7.92997	2.69241	1
cg18356130	MYL7	0.0950197	0.943215	0.985428	-1.01479	0.717662	1.0777	1.0777	0.0156281	0.542934	-1.84184	0.296831	1.24968	1.24968	0.0233914	0.572269	-1.74743	0.680025	0.918093	-1.08921	0.118574	1.41784	1.41784	0.74477	0.934904	-1.06963	0.81565	0.953015	-1.0493	2.61798	1.76057	0.597771	1
cg07547798	NSMCE2	0.0950219	0.077163	0.441788	-2.26353	0.977947	0.988575	-1.01156	0.100562	0.473405	-2.11236	0.282054	1.59158	1.59158	0.629595	0.81707	-1.22389	0.122795	0.499027	-2.0039	0.203339	1.74755	1.74755	0.0277658	2.94869	2.94869	0.847056	0.922862	-1.08359	2.61795	7.1658	2.43304	1
cg01556715	RPS23	0.0950239	0.297111	1.7085	1.7085	0.883776	0.930085	-1.07517	0.080288	2.61534	2.61534	?	?	?	0.537092	0.733682	-1.36299	0.0377699	3.29963	3.29963	?	?	?	?	?	?	0.100045	0.409459	-2.44224	2.7308	7.07911	3.45643	1
cg02995290	SRP9;SRP9	0.095026	0.215167	0.80819	-1.23733	0.859907	1.02926	1.02926	0.171435	1.26828	1.26828	0.752838	0.949743	-1.05292	0.481646	0.889815	-1.12383	0.408907	0.871217	-1.14782	0.00878553	0.580023	-1.72407	0.318612	1.18323	1.18323	0.122108	1.31456	1.31456	2.6179	1.10464	0.375072	1
cg02746658	CMIP;CMIP;CMIP	0.0950286	0.0396589	0.328952	-3.03996	0.288797	1.67304	1.67304	0.815608	1.11536	1.11536	0.171789	0.506687	-1.9736	0.0483717	0.348473	-2.86966	0.214863	0.543236	-1.84082	0.0539281	0.359645	-2.78052	0.335728	1.59031	1.59031	0.12749	0.46291	-2.16025	2.61787	9.05633	3.07504	1
cg26620176	CCL25	0.0950291	0.562138	0.782748	-1.27755	0.0207121	3.20287	3.20287	0.171347	1.83797	1.83797	0.711614	1.16788	1.16788	0.01979	0.308489	-3.24161	0.981825	1.00957	1.00957	0.991683	1.00437	1.00437	0.908708	1.04911	1.04911	0.224497	0.586698	-1.70446	2.61787	7.24188	2.45896	1
cg01505767	LOC284798;LOC284798;LOC284798	0.0950298	0.0359357	31.4831	31.4831	0.26992	5.07286	5.07286	0.0334285	33.5521	33.5521	0.152609	8.71998	8.71998	0.0692253	17.6983	17.6983	0.293253	4.67003	4.67003	0.168168	7.97275	7.97275	0.0153541	67.0697	67.0697	0.064051	18.9507	18.9507	2.61786	82.8443	28.1296	1
cg01123739	ZFYVE28	0.0950301	0.523078	1.19451	1.19451	0.0027833	3.10281	3.10281	0.188951	1.46549	1.46549	0.264761	1.376	1.376	0.229742	1.41349	1.41349	0.659555	0.885378	-1.12946	0.993011	1.00241	1.00241	0.118653	1.59228	1.59228	0.288571	1.3533	1.3533	2.61786	3.12664	1.06164	1
cg08623979	CSF3R;CSF3R;CSF3R;CSF3R	0.0950316	0.0331125	0.430401	-2.32342	0.921407	1.03396	1.03396	0.0397966	0.447391	-2.23518	0.542025	1.23229	1.23229	0.0389244	0.44531	-2.24563	0.845602	1.0682	1.0682	0.032617	0.429034	-2.33082	0.209339	0.639045	-1.56483	0.590058	0.831889	-1.20208	2.61784	4.74796	1.61217	1
cg03128332	FAM41C	0.0950317	0.0159482	0.354922	-2.81752	0.623073	1.18992	1.18992	0.95544	1.01981	1.01981	0.452149	1.30848	1.30848	0.596328	0.828912	-1.2064	0.0413573	2.28393	2.28393	0.538613	1.24425	1.24425	0.148046	0.580028	-1.72405	0.180823	0.607291	-1.64666	2.61784	5.10833	1.73454	1
cg06624712	ZCCHC13	0.0950332	0.569256	1.37278	1.37278	0.25198	0.517286	-1.93317	0.173219	0.450116	-2.22165	0.0157091	0.195774	-5.10792	0.0123842	0.179988	-5.55592	0.512328	1.442	1.442	0.826531	0.886128	-1.1285	0.684128	1.2527	1.2527	0.871857	0.914923	-1.09299	2.61782	12.5789	4.27119	1
cg25602049	VARS2;VARS2;VARS2	0.0950336	0.0606267	0.527549	-1.89556	0.0942533	1.74396	1.74396	0.829672	0.936946	-1.0673	0.0410229	0.490241	-2.03981	0.0278515	0.455756	-2.19416	0.278844	0.711486	-1.40551	0.268526	0.705813	-1.41681	0.688676	1.12948	1.12948	0.910397	0.966539	-1.03462	2.61782	3.78937	1.2867	1
cg19549469	ANO6;ANO6;ANO6	0.0950355	0.0347107	0.574664	-1.74015	0.590914	1.12987	1.12987	0.412752	1.20736	1.20736	0.0623444	0.623699	-1.60334	0.0474796	0.600398	-1.66556	0.722928	1.0834	1.0834	0.0990847	1.50211	1.50211	0.41926	0.830518	-1.20407	0.465532	0.846099	-1.18189	2.61779	2.0993	0.71283	1
cg04717534	CAMK2G;CAMK2G;CAMK2G;CAMK2G;CAMK2G	0.0950394	0.451783	0.648756	-1.54141	0.589165	1.36035	1.36035	0.354071	0.583827	-1.71284	0.295112	1.84567	1.84567	0.128358	0.395449	-2.52877	0.143176	0.411453	-2.43041	0.0194758	0.203107	-4.92352	0.0598261	3.31555	3.31555	0.474768	0.663476	-1.50721	2.61775	13.208	4.48494	1
cg01284709	CARD17;CASP1;CASP1;CASP1;CASP1;CASP1	0.0950413	0.312298	0.83971	-1.19089	0.382689	1.1614	1.1614	0.00302559	0.506996	-1.9724	0.225249	0.808254	-1.23723	0.882968	0.97568	-1.02493	0.661966	0.929108	-1.0763	0.48577	1.12568	1.12568	0.585273	1.09648	1.09648	0.445551	0.878119	-1.1388	2.61773	1.1582	0.393285	1
cg00174918	DIRC2;HSPBAP1;DIRC2	0.0950423	0.993011	1.00149	1.00149	0.0846169	0.722355	-1.38436	0.186503	1.26971	1.26971	0.701089	1.06798	1.06798	0.0184251	0.614127	-1.62833	0.749789	0.946903	-1.05607	0.0226846	0.628036	-1.59227	0.234033	0.808376	-1.23705	0.63997	0.922813	-1.08364	2.61771	1.20545	0.409332	1
cg07056567	GNB2	0.0950426	0.507175	0.757751	-1.31969	0.843805	1.08472	1.08472	0.0333158	2.78827	2.78827	0.781234	0.891574	-1.12161	0.108145	0.485492	-2.05977	0.862197	1.07425	1.07425	0.0201847	0.315082	-3.17377	0.093973	0.468062	-2.13647	0.850382	0.925106	-1.08096	2.61771	7.04571	2.39249	1
cg17757837	UBE3C	0.0950439	0.643489	1.16053	1.16053	0.0272875	0.434159	-2.3033	0.837957	0.936684	-1.0676	0.0382816	0.464442	-2.15312	0.929824	1.02854	1.02854	0.0178205	0.398487	-2.50949	0.329033	0.724858	-1.37958	0.102017	0.564574	-1.77125	0.148075	0.609191	-1.64152	2.61769	4.23008	1.43641	1
cg07741915	TPPP;TPPP	0.0950456	0.708948	0.917677	-1.08971	0.327626	0.793324	-1.26052	0.918025	0.976688	-1.02387	0.588371	0.882327	-1.13337	0.180629	0.722012	-1.38502	0.392054	0.817989	-1.22251	0.137586	1.4425	1.4425	0.00831605	2.16597	2.16597	0.187355	1.37735	1.37735	2.61768	2.17635	0.739027	1
cg12404235	PIGB	0.0950462	0.500728	1.4586	1.4586	0.608334	1.33039	1.33039	0.850753	0.901195	-1.10964	0.301619	0.553729	-1.80594	0.0056798	0.134828	-7.41684	0.107999	0.379627	-2.63417	0.356121	0.592014	-1.68915	0.455216	1.52208	1.52208	0.0942186	0.361978	-2.7626	2.61767	12.6464	4.29437	1
cg01749076	TNS3	0.0950497	0.304026	0.707047	-1.41433	0.0443702	0.471422	-2.12124	0.411842	0.760899	-1.31423	0.91952	1.03346	1.03346	0.0118967	0.359764	-2.7796	0.0673503	0.512963	-1.94946	0.376447	1.3439	1.3439	0.704626	0.883358	-1.13204	0.0666478	0.511874	-1.95361	2.61763	4.39645	1.49294	1
cg05073720	PHLPP1	0.09505	0.319713	0.496551	-2.01389	0.0034475	0.0669252	-14.942	0.0338731	0.185173	-5.40036	0.738058	0.795718	-1.25673	0.956892	0.963867	-1.03749	0.569417	0.676068	-1.47914	0.383306	0.544078	-1.83797	0.929831	0.9418	-1.0618	0.667093	1.34262	1.34262	2.61762	19.2167	6.52558	1
cg20889395	WFIKKN2	0.0950509	0.179831	0.463249	-2.15867	0.0618795	3.11363	3.11363	0.428939	1.54681	1.54681	0.603296	1.32737	1.32737	0.0205457	0.221512	-4.51442	0.386707	0.619216	-1.61495	0.903699	1.06757	1.06757	0.106944	0.386489	-2.5874	0.303706	1.77789	1.77789	2.61761	12.0967	4.1078	1
cg06434455	SEC61G;SEC61G	0.0950512	0.0805447	0.513533	-1.94729	0.753464	1.11442	1.11442	0.520704	1.25088	1.25088	0.74299	1.11978	1.11978	0.994844	0.997781	-1.00222	0.613214	1.19156	1.19156	0.00450873	0.2721	-3.67511	0.62376	1.1853	1.1853	0.182653	0.614921	-1.62623	2.61761	4.90119	1.66435	1
cg14847662	EPB41L2;EPB41L2;EPB41L2	0.0950519	0.0702216	0.344468	-2.90303	0.0494828	0.30717	-3.25553	0.0175278	0.218202	-4.58291	0.59044	0.751182	-1.33124	0.105665	0.394258	-2.53641	0.575263	1.3473	1.3473	0.0540881	0.31624	-3.16216	0.961674	0.975013	-1.02563	0.102316	0.390052	-2.56376	2.6176	11.4957	3.90373	1
cg22538263	MAP1A	0.0950556	0.0358062	0.354575	-2.82028	0.810248	0.902931	-1.1075	0.059434	0.405272	-2.46748	0.0426082	0.371228	-2.69376	0.519732	1.31919	1.31919	0.147519	0.517013	-1.93419	0.0262184	0.326472	-3.06305	0.730538	1.15808	1.15808	0.956677	0.977203	-1.02333	2.61756	7.47023	2.53679	1
cg17180284	B3GALTL	0.0950565	0.0420342	0.139401	-7.17357	0.643752	0.675929	-1.47945	0.997162	1.003	1.003	0.209489	0.328748	-3.04185	0.0393456	0.134667	-7.4257	0.225424	0.342755	-2.91753	0.0148252	0.080364	-12.4434	0.0722928	0.185087	-5.40285	0.0600915	0.168011	-5.95198	2.61755	29.3237	9.95799	1
cg26907612	PLEKHO2	0.095058	0.187828	0.658409	-1.51881	0.455993	0.796646	-1.25526	0.0862487	0.566909	-1.76395	0.256317	1.42589	1.42589	0.110814	0.594379	-1.68243	0.0565649	0.523968	-1.90852	0.0782163	0.556614	-1.79658	0.148875	1.58974	1.58974	0.11945	0.602936	-1.65855	2.61753	3.7171	1.26229	1
cg14189621	ABCC4;ABCC4	0.0950588	0.6008	0.892574	-1.12035	0.0234889	0.558509	-1.79048	0.288749	0.788948	-1.26751	0.0250927	0.563516	-1.77457	0.695824	0.918902	-1.08825	0.0630516	0.637571	-1.56845	0.438693	0.843645	-1.18533	0.147849	1.39683	1.39683	0.639307	1.10695	1.10695	2.61752	1.92084	0.652301	1
cg19118212	FOXD1	0.0950601	0.20675	1.99785	1.99785	0.317059	1.71182	1.71182	0.757905	1.17432	1.17432	0.580437	1.33666	1.33666	0.229764	1.92501	1.92501	0.0551307	3.09602	3.09602	0.536324	1.38466	1.38466	0.00258607	8.76154	8.76154	0.251074	1.86501	1.86501	2.6175	11.1982	3.80284	1
cg07854113	ERGIC1	0.0950633	0.0314593	0.240336	-4.16084	0.449532	1.54561	1.54561	0.749179	0.834222	-1.19872	0.309802	0.552186	-1.81098	0.216203	0.47932	-2.08629	0.18337	0.450387	-2.22031	0.0101243	0.159918	-6.2532	0.573629	1.37889	1.37889	0.108294	0.371596	-2.6911	2.61747	13.2359	4.49491	1
cg21992696	MBOAT2	0.0950658	0.0726643	0.278718	-3.58785	0.00524217	0.0954454	-10.4772	0.0291721	0.194035	-5.15372	0.36957	0.555507	-1.80016	0.177826	0.401116	-2.49305	0.347679	0.539637	-1.8531	0.192476	0.414773	-2.41096	0.189605	0.412134	-2.42639	0.224583	0.443164	-2.2565	2.61744	16.8714	5.72959	1
cg00295948	GGTA1	0.095066	0.663539	1.03484	1.03484	0.346309	0.926928	-1.07883	0.523598	1.05187	1.05187	0.136347	0.881999	-1.13379	0.566582	1.04637	1.04637	0.443873	0.940754	-1.06298	0.0341155	0.824107	-1.21343	0.814074	0.981737	-1.0186	0.0156038	1.26109	1.26109	2.61744	0.253752	0.0861749	1
cg01536987	EPSTI1;EPSTI1	0.095069	0.186445	0.224649	-4.45138	0.132454	0.177131	-5.64554	0.0288664	0.0641054	-15.5993	0.0480926	0.0899422	-11.1183	0.0592169	0.103229	-9.68721	0.069328	0.11461	-8.72526	0.184842	0.223282	-4.47864	0.27943	0.301548	-3.31622	0.238737	3.7266	3.7266	2.6174	47.1167	16.0012	1
cg22773219	PDE6B;PDE6B	0.0950692	0.00811432	0.339987	-2.94129	0.0279909	0.437653	-2.28491	0.0906878	0.552518	-1.8099	0.198485	0.648858	-1.54117	0.63244	0.857803	-1.16577	0.342236	0.732369	-1.36543	0.493138	1.24799	1.24799	0.804929	1.08195	1.08195	0.320032	0.72104	-1.38689	2.6174	4.19977	1.42628	1
cg13660174	SURF4	0.0950725	0.885524	0.958736	-1.04304	0.115575	1.64938	1.64938	0.158409	1.55435	1.55435	0.356157	1.32	1.32	0.32842	1.34323	1.34323	0.35409	1.32167	1.32167	0.018547	0.433796	-2.30523	0.466593	1.24199	1.24199	0.0937467	0.583255	-1.71452	2.61736	3.54715	1.20466	1
cg00613385	TRIM26	0.0950736	0.697823	1.10342	1.10342	0.459508	1.2092	1.2092	0.0971663	0.631795	-1.58279	0.434064	0.817637	-1.22304	0.0075319	0.420045	-2.3807	0.306857	0.765802	-1.30582	0.837324	1.05322	1.05322	0.104639	1.56422	1.56422	0.643285	0.889022	-1.12483	2.61735	2.63738	0.895692	1
cg17712224	ZFAT;ZFAT	0.0950754	0.233509	0.790141	-1.2656	0.524349	1.12938	1.12938	0.151144	1.33654	1.33654	0.169766	1.31756	1.31756	0.0366309	1.58079	1.58079	0.400798	1.17607	1.17607	0.106862	1.3937	1.3937	0.0651536	0.676752	-1.47765	0.186372	1.30234	1.30234	2.61732	1.47405	0.500612	1
cg23371350	KRBA1	0.0950758	0.651817	1.11616	1.11616	0.268465	1.32159	1.32159	0.00887006	2.23841	2.23841	0.540215	1.16184	1.16184	0.0552223	1.69178	1.69178	0.0521026	1.70662	1.70662	0.0415397	1.76571	1.76571	0.764495	0.929895	-1.07539	0.750267	1.08031	1.08031	2.61732	2.42599	0.82391	1
cg01803704	SNORD114-26;SNORD114-27	0.0950803	0.471837	1.30061	1.30061	0.0136871	0.334555	-2.98904	0.376156	0.721684	-1.38565	0.459475	1.3106	1.3106	0.261051	0.656422	-1.52341	0.596679	1.21142	1.21142	0.0293461	2.51361	2.51361	0.608195	1.20406	1.20406	0.664774	0.855067	-1.1695	2.61727	5.34613	1.81568	1
cg22707529	PHACTR2;PHACTR2;PHACTR2;PHACTR2	0.0950808	0.904515	1.06656	1.06656	0.227869	1.9733	1.9733	0.0599985	3.1249	3.1249	0.0137915	5.12754	5.12754	0.621881	0.765712	-1.30597	0.553151	0.724586	-1.3801	0.298582	1.7835	1.7835	0.0520439	3.27675	3.27675	0.06219	3.08769	3.08769	2.61726	11.953	4.05954	1
cg12332097	KIFC1	0.0950839	0.0356894	0.596421	-1.67667	0.240806	0.771351	-1.29643	0.0248805	1.75847	1.75847	0.69957	0.921291	-1.08543	0.979799	0.994661	-1.00537	0.538447	0.876623	-1.14074	0.0398912	0.605212	-1.65231	0.973451	1.00706	1.00706	0.448785	0.84943	-1.17726	2.61723	1.85266	0.62922	1
cg03099988	GALNT9	0.0950844	0.379545	1.30929	1.30929	0.0298039	2.14764	2.14764	0.521156	0.823325	-1.21459	0.0241922	0.447797	-2.23315	0.145059	0.626359	-1.59653	0.433403	0.787433	-1.26995	0.132835	0.615824	-1.62384	0.966929	0.987682	-1.01247	0.585027	0.848027	-1.17921	2.61722	3.70441	1.25813	1
cg06671298	BAHCC1	0.09509	0.0434011	2.26744	2.26744	0.0159737	2.82824	2.82824	0.349255	1.40437	1.40437	0.105248	1.86599	1.86599	0.270534	1.49826	1.49826	0.208359	1.5959	1.5959	0.0170371	2.78762	2.78762	0.16379	1.68822	1.68822	0.867835	0.942994	-1.06045	2.61715	5.14806	1.74849	1
cg13298841	HECW1	0.095092	0.605258	1.19743	1.19743	0.78012	1.10154	1.10154	0.19673	1.60266	1.60266	0.173461	1.64954	1.64954	0.259068	0.66571	-1.50215	0.908053	0.96086	-1.04073	0.0599433	0.48025	-2.08225	0.0104557	3.04599	3.04599	0.832801	1.07579	1.07579	2.61713	4.95001	1.68124	1
cg05659651	RREB1;RREB1;RREB1;RREB1	0.0950952	0.519329	1.22968	1.22968	0.0233144	0.424027	-2.35834	0.089511	0.552926	-1.80856	0.960052	1.01598	1.01598	0.352943	0.738953	-1.35327	0.817716	1.07581	1.07581	0.00939215	0.352637	-2.83578	0.927055	0.971434	-1.02941	0.235102	0.674442	-1.48271	2.61709	4.15219	1.41028	1
cg12657664	SRRM1	0.0950957	0.209275	0.869098	-1.15062	0.0596598	1.25272	1.25272	0.748681	1.03466	1.03466	0.0462214	0.784964	-1.27394	0.0679812	0.805171	-1.24197	0.584738	0.943176	-1.06025	0.0924295	0.821742	-1.21693	0.258805	1.13304	1.13304	0.860192	1.01887	1.01887	2.61709	0.465833	0.158219	1
cg20219911	ITIH1;ITIH1;ITIH1;ITIH1	0.0950964	0.168449	0.724432	-1.38039	0.290437	1.27252	1.27252	0.0140901	0.513946	-1.94573	0.382837	0.821535	-1.21723	0.0593539	0.626531	-1.59609	0.776198	0.939313	-1.06461	0.0658265	0.635455	-1.57368	0.0725499	0.64397	-1.55287	0.915054	1.02371	1.02371	2.61708	1.99993	0.679276	1
cg05490565	SMAD9;SMAD9	0.0950969	0.881773	0.961096	-1.04048	0.61799	0.874537	-1.14346	0.131866	1.5429	1.5429	0.298308	1.33305	1.33305	0.959672	0.986607	-1.01357	0.200049	1.43469	1.43469	0.0094577	2.40342	2.40342	0.0383564	1.89624	1.89624	0.0651835	1.73676	1.73676	2.61707	2.94694	1.00093	1
cg13741103	MAP4;MAP4;MAP4	0.0950979	0.0135704	0.43737	-2.28639	0.224566	0.707941	-1.41255	0.213298	0.701289	-1.42595	0.287986	0.7418	-1.34807	0.0143755	0.441772	-2.26361	0.336964	1.30739	1.30739	0.939095	1.02091	1.02091	0.342739	0.767475	-1.30297	0.222665	0.706834	-1.41476	2.61706	3.03833	1.03197	1
cg19026802	GPR133	0.0950994	0.347648	0.54029	-1.85086	0.0967908	3.19178	3.19178	0.958921	1.03334	1.03334	0.892815	0.91775	-1.08962	0.101771	0.319683	-3.1281	0.725475	1.25164	1.25164	0.112635	0.333028	-3.00275	0.0204892	5.91575	5.91575	0.217458	2.28436	2.28436	2.61704	16.8005	5.70636	1
cg05238517	PDGFD;PDGFD	0.0951007	0.0770734	21.2293	21.2293	0.0190783	82.2513	82.2513	0.14069	11.7405	11.7405	0.239456	6.78443	6.78443	0.0762865	21.4419	21.4419	0.124271	13.2885	13.2885	0.352059	4.43035	4.43035	0.0227894	69.0926	69.0926	0.0403369	39.6937	39.6937	2.61703	100.128	34.0091	1
cg09320337	ZNF517	0.0951028	0.430678	0.859655	-1.16326	0.766658	1.05754	1.05754	0.0500029	0.65691	-1.52228	0.354442	1.19615	1.19615	0.819119	0.95785	-1.04401	0.55984	1.11723	1.11723	0.0126397	1.79116	1.79116	0.0976827	1.40725	1.40725	0.526306	0.886286	-1.1283	2.617	1.46508	0.497629	1
cg08223760	ERMAP;ERMAP	0.0951038	0.0521366	1.93233	1.93233	0.157157	1.5701	1.5701	0.116046	0.600901	-1.66417	0.84102	1.06172	1.06172	0.0175369	0.422336	-2.36779	0.592905	0.85136	-1.17459	0.362842	1.32165	1.32165	0.597127	0.852952	-1.1724	0.848221	0.944467	-1.0588	2.61699	3.68538	1.25178	1
cg21206233	CACNA1D;CACNA1D;CACNA1D	0.0951054	0.445247	1.28455	1.28455	0.264646	1.45371	1.45371	0.338944	0.7282	-1.37325	0.350074	1.36277	1.36277	0.0080788	0.335667	-2.97915	0.857021	1.05975	1.05975	0.210771	0.654212	-1.52856	0.195754	1.55313	1.55313	0.288473	0.701453	-1.42561	2.61697	4.29188	1.45779	1
cg18183242	KCNK17;KCNK17	0.0951063	0.312511	0.727251	-1.37504	0.0389742	0.48262	-2.07203	0.410594	0.773743	-1.29242	0.474204	0.801014	-1.24842	0.0411821	0.487684	-2.05051	0.78818	0.921185	-1.08556	0.0792699	1.81107	1.81107	0.122132	0.600036	-1.66657	0.217017	1.48582	1.48582	2.61696	3.85177	1.30831	1
cg11214348	PCBP3;PCBP3	0.0951069	0.136682	0.718867	-1.39108	0.941422	0.984984	-1.01524	0.263713	0.786741	-1.27107	0.651679	1.09807	1.09807	0.121899	1.41225	1.41225	0.430189	1.18031	1.18031	0.00666245	2.0643	2.0643	0.779882	1.05938	1.05938	0.52019	0.874418	-1.14362	2.61696	1.75664	0.596671	1
cg12112870	E2F5;E2F5;E2F5	0.0951079	0.282179	0.402333	-2.48551	0.0134464	0.0826431	-12.1002	0.0184792	0.097499	-10.2565	0.111124	0.243174	-4.11228	0.109939	0.24183	-4.13513	0.0973264	0.227119	-4.40297	0.0762923	0.200547	-4.98635	0.129053	0.262824	-3.80482	0.204784	0.336197	-2.97445	2.61694	27.5091	9.34393	1
cg05890550	RAP1GAP2;RAP1GAP2	0.0951096	0.833753	1.09101	1.09101	0.944628	1.0292	1.0292	0.195015	0.566635	-1.7648	0.636409	0.820914	-1.21815	0.997878	1.0011	1.0011	0.0331068	2.80791	2.80791	0.0201557	3.19432	3.19432	0.0437445	2.61335	2.61335	0.724445	0.863571	-1.15798	2.61692	7.11789	2.41773	1
cg03287940	THRB;THRB;THRB	0.0951116	0.359277	3.80054	3.80054	0.584367	2.18683	2.18683	0.252154	5.44337	5.44337	0.0478165	24.6587	24.6587	0.500704	0.379788	-2.63305	0.625037	2.00907	2.00907	0.960293	1.07307	1.07307	0.00932591	106.828	106.828	0.0257777	42.5337	42.5337	2.6169	83.1543	28.2452	1
cg01564268	ARHGAP23	0.0951127	0.534849	0.785598	-1.27292	0.0648073	2.21716	2.21716	0.00366617	4.51955	4.51955	0.816347	1.09343	1.09343	0.510986	1.29171	1.29171	0.347988	1.44916	1.44916	0.0176716	0.75745	-1.32022	0.416878	1.37513	1.37513	0.329671	1.47141	1.47141	2.61689	6.1093	2.07517	1
cg11300208	KCNMB2;KCNMB2	0.0951138	0.500612	0.638475	-1.56623	0.69884	0.774803	-1.29065	0.0333459	0.19552	-5.11457	0.113862	0.323386	-3.09228	0.0539026	0.237824	-4.20478	0.0265905	0.178195	-5.61183	0.0185216	0.153457	-6.51649	0.500604	0.638469	-1.56625	0.116878	0.326935	-3.05871	2.61687	17.8513	6.06364	1
cg11907564	C11orf71;RBM7	0.0951146	0.563157	1.15816	1.15816	0.009204	0.435792	-2.29467	0.0233555	0.506284	-1.97518	0.804773	0.939684	-1.06419	0.45087	1.21286	1.21286	0.312624	0.769225	-1.30001	0.332537	1.28545	1.28545	0.541548	0.85621	-1.16794	0.737182	0.918873	-1.08829	2.61686	2.6153	0.888357	1
cg19377674	DIS3L;DIS3L	0.0951162	0.923629	0.98247	-1.01784	0.144628	0.749014	-1.33509	0.0572267	0.672482	-1.48703	0.466149	1.14658	1.14658	0.154971	1.3241	1.3241	0.403781	0.854212	-1.17067	0.0196782	1.68151	1.68151	0.724677	0.936857	-1.0674	0.287318	0.815647	-1.22602	2.61685	1.40994	0.478927	1
cg09732036	C20orf103	0.0951167	0.0481408	0.245895	-4.06678	0.0174074	0.165574	-6.03961	0.0657825	0.277387	-3.60507	0.991288	0.993241	-1.0068	0.0308506	0.207061	-4.82951	0.263461	0.484778	-2.0628	0.0551929	0.259208	-3.85791	0.171349	0.404716	-2.47087	0.370048	0.564534	-1.77137	2.61684	15.9889	5.43111	1
cg21578322	TTLL9;DUSP15;DUSP15;DUSP15	0.0951184	0.301573	1.33179	1.33179	0.587071	0.86347	-1.15812	0.844063	1.05413	1.05413	0.509205	0.835894	-1.19632	0.00293998	0.335081	-2.98436	0.996763	0.998915	-1.00109	0.999313	1.00023	1.00023	0.246484	1.38326	1.38326	0.693834	1.11173	1.11173	2.61682	2.97012	1.0089	1
cg13436843	TRIM31	0.0951185	0.855259	1.1223	1.1223	0.0109078	7.53283	7.53283	0.528668	0.668081	-1.49682	0.664076	1.318	1.318	0.0650995	0.270169	-3.70138	0.552721	0.684195	-1.46157	0.0941754	0.312611	-3.19886	0.93009	0.946062	-1.05701	0.324762	1.90136	1.90136	2.61682	16.5486	5.62129	1
cg05590982	NUPR1;NUPR1	0.0951201	0.0443853	0.217876	-4.58977	0.971337	0.976567	-1.024	0.243501	0.44693	-2.23749	0.242992	0.446506	-2.23961	0.00674181	0.0984535	-10.1571	0.361885	0.538748	-1.85615	0.042865	0.214786	-4.6558	0.469196	0.615099	-1.62575	0.0853589	0.285034	-3.50836	2.6168	18.0501	6.13136	1
cg06716246	C7orf51	0.0951206	0.2144	0.552114	-1.81122	0.434976	0.696291	-1.43618	0.320665	0.627317	-1.59409	0.995269	0.997309	-1.0027	0.00678663	0.203053	-4.92482	0.0602475	0.381718	-2.61974	0.0350681	0.327629	-3.05223	0.940529	1.03449	1.03449	0.121647	0.466472	-2.14375	2.61679	8.55891	2.90734	1
cg21796322	C3orf21	0.0951213	0.309917	1.37522	1.37522	0.0244626	2.25423	2.25423	0.465965	1.25229	1.25229	0.585341	1.18183	1.18183	0.0539412	1.94148	1.94148	0.021194	2.31676	2.31676	0.0172538	2.41007	2.41007	0.592233	1.17815	1.17815	0.234201	1.45957	1.45957	2.61679	3.81069	1.29444	1
cg05660179	LRP2	0.0951218	0.74674	0.940817	-1.06291	0.371559	0.841357	-1.18856	0.0135486	1.77762	1.77762	0.384841	0.845564	-1.18264	0.81071	0.955829	-1.04621	0.285915	0.81167	-1.23203	0.696652	0.928893	-1.07655	0.129462	0.734597	-1.36129	0.0553571	1.50518	1.50518	2.61678	1.46912	0.499044	1
cg15695962	PROSC	0.0951222	0.0321205	1.71311	1.71311	0.377572	0.823524	-1.21429	0.0737925	0.652207	-1.53326	0.786443	0.943425	-1.05997	0.0683972	0.645619	-1.5489	0.662058	1.09891	1.09891	0.0401764	0.60143	-1.6627	0.801514	0.947414	-1.0555	0.960459	1.01069	1.01069	2.61678	1.90598	0.64744	1
cg19499099	GPR133	0.0951256	0.122579	0.432062	-2.31448	0.107625	0.414498	-2.41256	0.0426731	0.310249	-3.22321	0.0838349	0.383051	-2.61062	0.0505692	0.327095	-3.05721	0.779717	1.151	1.151	0.0395133	0.3029	-3.30142	0.0279771	0.271914	-3.67763	0.457075	0.683958	-1.46208	2.61673	10.4258	3.54157	1
cg03315007	C1orf86	0.0951257	0.0346129	51.6432	51.6432	0.261542	6.51798	6.51798	0.0566395	31.641	31.641	0.0669285	26.796	26.796	0.980461	0.961549	-1.03999	0.273375	6.20288	6.20288	0.0189839	94.3961	94.3961	0.0328383	54.4262	54.4262	0.332563	4.9549	4.9549	2.61673	106.233	36.0866	1
cg00492108	EDAR	0.0951263	0.205943	1.63143	1.63143	0.163215	1.72627	1.72627	0.595891	0.821727	-1.21695	0.28044	1.5092	1.5092	0.161212	0.57757	-1.73139	0.0618921	2.16259	2.16259	0.0190754	2.83166	2.83166	0.144592	1.77689	1.77689	0.117094	1.86731	1.86731	2.61673	5.5774	1.89462	1
cg02346790	PARP15	0.0951268	0.0651759	1.85623	1.85623	0.504976	1.22399	1.22399	0.703027	0.891866	-1.12124	0.631947	0.86573	-1.15509	0.0958268	1.72721	1.72721	0.0835104	1.77238	1.77238	0.00945498	2.67137	2.67137	0.0749137	1.80872	1.80872	0.470363	1.24534	1.24534	2.61672	3.69927	1.25663	1
cg25979559	NHLH2;NHLH2	0.0951331	0.0520074	43.4583	43.4583	0.910088	1.21257	1.21257	0.603232	2.44658	2.44658	0.585847	0.391122	-2.55675	0.0247126	95.8369	95.8369	0.546843	0.353346	-2.83009	0.987788	1.02646	1.02646	0.0486143	46.6781	46.6781	0.0299447	78.0677	78.0677	2.61665	120.644	40.9835	1
cg00950381	QRICH2	0.0951342	0.803245	0.929764	-1.07554	0.044729	0.510591	-1.95852	0.0591687	0.537138	-1.86172	0.750413	0.911105	-1.09757	0.00652738	0.356642	-2.80394	0.559676	0.841916	-1.18777	0.483855	1.23067	1.23067	0.632226	1.15104	1.15104	0.756595	0.913292	-1.09494	2.61663	3.52666	1.19803	1
cg17391474	BRP44L	0.0951386	0.201909	0.819087	-1.22087	0.0142303	1.56495	1.56495	0.0239437	1.49031	1.49031	0.650465	1.06989	1.06989	0.385431	0.876531	-1.14086	0.272971	1.18409	1.18409	0.26907	1.18586	1.18586	0.896359	1.01949	1.01949	0.311358	1.1678	1.1678	2.61658	0.908974	0.308791	1
cg23210268	GREM2	0.0951442	0.154208	0.469101	-2.13174	0.229556	0.534906	-1.86949	0.0251574	0.266728	-3.74914	0.841369	0.905338	-1.10456	0.0358122	0.297575	-3.36049	0.710006	0.830802	-1.20366	0.0231895	0.260043	-3.84552	0.0393857	0.30644	-3.26328	0.962118	0.976705	-1.02385	2.61652	10.2058	3.46713	1
cg15642772	TAS1R2	0.0951453	0.673846	1.10678	1.10678	0.67337	0.903377	-1.10696	0.0041936	0.398815	-2.50743	0.264108	0.756548	-1.32179	0.690784	0.908617	-1.10057	0.398162	0.812747	-1.2304	0.662038	1.11117	1.11117	0.746857	1.08072	1.08072	0.0385432	0.563026	-1.77612	2.6165	2.38045	0.808696	1
cg24446610	KCNAB2;KCNAB2	0.0951462	0.0197265	0.181728	-5.50272	0.324327	0.539908	-1.85217	0.504637	0.663662	-1.50679	0.107693	0.345412	-2.8951	0.0154771	0.165533	-6.04108	0.42349	0.60956	-1.64053	0.0427491	0.243573	-4.10554	0.334948	0.547646	-1.826	0.0489431	0.256287	-3.90188	2.61649	15.1951	5.16215	1
cg24035150	FCGBP	0.0951464	0.966707	0.98915	-1.01097	0.107651	1.58236	1.58236	0.0156318	0.460839	-2.16995	0.663704	0.891943	-1.12115	0.300366	1.32381	1.32381	0.279163	1.34191	1.34191	0.0610552	1.73633	1.73633	0.196312	1.42922	1.42922	0.653523	1.12536	1.12536	2.61649	2.83122	0.961837	1
cg14435109	SGPP2	0.0951473	0.195434	3.56048	3.56048	0.0050788	31.035	31.035	0.139466	4.37062	4.37062	0.220177	3.30536	3.30536	0.393286	2.25018	2.25018	0.123401	4.70085	4.70085	0.0694793	6.57414	6.57414	0.0523289	7.74173	7.74173	0.16632	3.93059	3.93059	2.61648	35.6422	12.1086	1
cg08005460	RARA;RARA;RARA	0.0951481	0.11574	0.453822	-2.20351	0.753472	0.864515	-1.15672	0.984672	1.00892	1.00892	0.681429	0.826351	-1.21014	0.124611	0.463807	-2.15607	0.269677	0.587931	-1.70088	0.00776988	0.206078	-4.85253	0.015134	0.2518	-3.97141	0.496243	0.726704	-1.37608	2.61647	8.84835	3.00604	1
cg24255125	GRIK4	0.0951482	0.070139	5.92706	5.92706	0.222682	3.08424	3.08424	0.334782	2.3972	2.3972	0.157057	3.7816	3.7816	0.188079	3.40743	3.40743	0.0847739	5.34116	5.34116	0.0704216	0.16909	-5.91402	0.0493721	7.18062	7.18062	0.112106	4.57484	4.57484	2.61647	32.0132	10.8758	1
cg02394908	ORAI2;ORAI2	0.0951523	0.0823695	0.323857	-3.08778	0.231923	0.479699	-2.08464	0.132799	0.386632	-2.58644	0.252742	0.496609	-2.01366	0.00472877	0.110932	-9.01451	0.0339888	0.234539	-4.26368	0.688425	0.789637	-1.2664	0.534303	0.691585	-1.44595	0.698804	0.796269	-1.25586	2.61642	14.226	4.83308	1
cg15480919	DPCR1	0.095153	0.218878	0.809317	-1.23561	0.366128	1.16406	1.16406	0.368882	1.16299	1.16299	0.52481	0.899931	-1.1112	0.72906	1.05854	1.05854	0.715677	1.06168	1.06168	0.0535335	1.43152	1.43152	0.013734	0.60746	-1.6462	0.199953	1.24798	1.24798	2.61641	1.1092	0.376835	1
cg02599006	RBKS	0.0951533	0.102974	0.319302	-3.13183	0.0196037	0.164515	-6.07846	0.0134874	0.14124	-7.08017	0.307987	0.508992	-1.96467	0.305449	0.507061	-1.97215	0.121074	0.341016	-2.93241	0.0488689	0.237048	-4.21855	0.0856671	0.296493	-3.37276	0.306524	0.50788	-1.96897	2.61641	16.972	5.76601	1
cg23664334	LOC388692	0.0951541	0.00740594	6.55453	6.55453	0.163974	2.24655	2.24655	0.253236	1.9161	1.9161	0.724121	1.21304	1.21304	0.224974	2.00281	2.00281	0.549632	1.39085	1.39085	0.153929	2.2976	2.2976	0.0348664	3.81952	3.81952	0.0345756	3.83039	3.83039	2.6164	12.3068	4.18107	1
cg05890243	ZBTB11;LOC100009676	0.095158	0.0581703	0.232337	-4.30409	0.191551	0.389629	-2.56654	0.533572	0.650615	-1.53701	0.845109	0.87517	-1.14263	0.0246054	0.161246	-6.2017	0.100041	0.292735	-3.41606	0.00942452	0.106093	-9.42572	0.312963	0.490916	-2.03701	0.114657	0.31049	-3.22072	2.61636	19.2567	6.54233	1
cg00218742	PTK2;PTK2	0.0951589	0.178556	0.656387	-1.52349	0.653589	1.14233	1.14233	0.457698	1.24953	1.24953	0.203785	0.673612	-1.48453	0.0170541	0.424554	-2.35541	0.147751	1.58008	1.58008	0.23738	0.694457	-1.43997	0.0633814	0.540653	-1.84961	0.21651	0.681756	-1.4668	2.61634	3.59554	1.22157	1
cg02276274	LRRN1	0.0951593	0.384452	0.815032	-1.22695	0.330083	1.25925	1.25925	0.139774	0.694593	-1.43969	0.353874	0.803503	-1.24455	0.00519521	0.429133	-2.33028	0.796037	0.94232	-1.06121	0.771614	1.06903	1.06903	0.66105	1.10649	1.10649	0.0743212	0.633763	-1.57788	2.61634	2.1798	0.740576	1
cg16057435	F2RL2;IQGAP2	0.0951608	0.707988	1.08659	1.08659	0.0396694	0.591544	-1.69049	0.0455812	0.602918	-1.6586	0.792944	1.05978	1.05978	0.332357	0.801945	-1.24697	0.539928	0.87201	-1.14678	0.0327174	1.73582	1.73582	0.271995	0.77696	-1.28707	0.234238	0.759412	-1.31681	2.61632	2.01846	0.685765	1
cg13887261	C9orf119;WNK2	0.0951636	0.185525	0.412577	-2.42379	0.828417	1.14669	1.14669	0.513531	0.658466	-1.51868	0.0243532	0.184117	-5.43133	0.009692	0.12697	-7.87588	0.343876	0.540701	-1.84945	0.312016	0.517082	-1.93393	0.0567452	0.256678	-3.89593	0.0891588	0.306616	-3.26141	2.61629	16.4789	5.59873	1
cg17912370	C3orf55;C3orf55;C3orf55;C3orf55	0.0951639	0.54058	1.74152	1.74152	0.521064	1.79045	1.79045	0.894668	1.12594	1.12594	0.866947	0.860575	-1.16201	0.743349	0.745116	-1.34207	0.686439	0.695295	-1.43824	?	?	?	0.00275814	40.3731	40.3731	0.201639	3.34495	3.34495	2.64583	29.869	11.2891	1
cg19949931	PKD1;MIR1225;PKD1	0.0951671	0.546109	1.12527	1.12527	0.452595	1.15933	1.15933	0.353482	1.20256	1.20256	0.00889134	1.90262	1.90262	0.200924	0.770295	-1.2982	0.0983295	1.41947	1.41947	0.0525031	1.53109	1.53109	0.118282	1.38773	1.38773	0.480825	1.1485	1.1485	2.61625	1.54682	0.525542	1
cg21213617	LHX6;LHX6	0.0951674	0.638347	1.1161	1.1161	0.356139	1.24635	1.24635	0.054277	1.65991	1.65991	0.338221	1.25742	1.25742	0.631518	1.11864	1.11864	0.241843	0.752587	-1.32875	0.4643	1.18864	1.18864	0.00613883	2.29243	2.29243	0.0860876	1.55279	1.55279	2.61624	2.2307	0.757899	1
cg18724032	FNDC3B;FNDC3B	0.0951679	0.425701	0.896301	-1.1157	0.454213	1.10805	1.10805	0.0533524	1.34366	1.34366	0.767364	0.96086	-1.04073	0.926203	0.987609	-1.01255	0.184652	0.827479	-1.20849	0.0457468	0.734733	-1.36104	0.0299199	1.41031	1.41031	0.847662	1.02622	1.02622	2.61624	0.750588	0.255018	1
cg27495572	TTN;TTN;TTN;MIR548N;TTN	0.0951706	0.677677	1.07288	1.07288	0.00356586	1.94359	1.94359	0.460396	1.13485	1.13485	0.455472	1.13649	1.13649	0.621459	1.08738	1.08738	0.355746	1.17338	1.17338	0.263907	1.21654	1.21654	0.887072	0.976367	-1.0242	0.115736	0.749931	-1.33346	2.61621	1.17382	0.398821	1
cg17498856	ATAD3A;ATAD3A;ATAD3A	0.0951708	0.844037	0.902605	-1.1079	0.973327	0.982756	-1.01755	0.0553733	0.323102	-3.095	0.777971	0.863241	-1.15843	0.00677614	0.161112	-6.20686	0.0536186	0.319758	-3.12737	0.229738	0.519128	-1.92631	0.524341	1.39886	1.39886	0.186896	0.482963	-2.07055	2.6162	11.2142	3.81017	1
cg14776894	TECTA	0.095171	0.0895222	0.462848	-2.16054	?	?	?	0.183149	0.55921	-1.78824	0.673156	0.8398	-1.19076	0.011163	0.270137	-3.70183	0.818763	1.09905	1.09905	0.497264	0.753068	-1.3279	0.385948	0.693676	-1.4416	0.0194428	0.312669	-3.19827	2.64575	6.30745	2.38399	1
cg05138702	CTBP2;CTBP2	0.0951711	0.870533	0.907595	-1.10181	0.0103932	6.80868	6.80868	0.00927904	7.1154	7.1154	0.793355	1.16889	1.16889	0.874444	0.910285	-1.09856	0.671296	0.775896	-1.28883	0.520199	1.47324	1.47324	0.26248	2.00268	2.00268	0.938644	1.04682	1.04682	2.6162	14.6404	4.97426	1
cg01865825	GNG13	0.0951747	0.401361	0.8968	-1.11508	0.426964	1.10833	1.10833	0.87745	1.01976	1.01976	0.388079	1.11871	1.11871	0.246206	0.857457	-1.16624	0.345904	0.88418	-1.13099	0.00687968	0.641642	-1.5585	0.41371	0.899458	-1.11178	0.1052	1.25169	1.25169	2.61616	0.666287	0.226384	1
cg09260206	MDP1	0.0951766	0.740365	0.978562	-1.02191	0.213449	0.918165	-1.08913	0.956467	0.996449	-1.00356	0.16664	1.10087	1.10087	0.043364	1.16348	1.16348	0.691951	0.974382	-1.02629	0.170071	0.909164	-1.09991	0.016528	0.82627	-1.21026	0.683885	0.973675	-1.02704	2.61614	0.175968	0.0597888	1
cg10773526	INPP4B;INPP4B	0.0951772	0.565689	0.894212	-1.1183	0.022767	1.69021	1.69021	0.0861426	1.4407	1.4407	0.211085	1.28881	1.28881	0.986634	0.996779	-1.00323	0.209268	1.29026	1.29026	0.0161483	1.76249	1.76249	0.0856132	1.44177	1.44177	0.917076	0.980145	-1.02026	2.61613	1.53635	0.52201	1
cg24005949	CSMD2	0.0951778	0.82898	0.971526	-1.02931	0.0192507	1.45952	1.45952	0.0271881	1.4178	1.4178	0.890946	1.01849	1.01849	0.112991	1.25904	1.25904	0.390716	1.12462	1.12462	0.115738	1.25648	1.25648	0.175391	0.824955	-1.21219	0.340331	1.14022	1.14022	2.61612	0.738832	0.251036	1
cg09860804	WDR66	0.0951785	0.0521454	2.44415	2.44415	0.0116576	3.5801	3.5801	0.269006	1.5932	1.5932	0.052365	2.44157	2.44157	0.111328	2.01719	2.01719	0.247206	1.63151	1.63151	0.225664	1.67327	1.67327	0.0461504	2.52029	2.52029	0.0697476	2.27169	2.27169	2.61611	6.78183	2.30429	1
cg10122479	HINT3	0.0951787	0.485358	1.36306	1.36306	0.150252	0.509803	-1.96154	0.375193	0.671914	-1.48829	0.964395	1.01969	1.01969	0.753294	1.14769	1.14769	0.143689	0.503402	-1.98648	0.473923	0.727472	-1.37462	0.104109	2.17339	2.17339	0.0114026	3.98879	3.98879	2.61611	7.90805	2.68696	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)
cg26547924	KCNK2;KCNK2;KCNK2	0.0951803	0.0198041	0.407634	-2.45318	0.486034	1.25328	1.25328	0.315466
ch.19.702771R	SLC35E1	0.0951809	?	?	?	0.263117	0.627023	-1.59484	0.00986185
cg21573582	AQP11;AQP11	0.0951811	0.458774	0.704503	-1.41944	0.0460465	3.03342	3.03342	0.0440036
cg09970194	APBA2;APBA2	0.0951837	0.179061	0.474632	-2.10689	0.808354	0.880848	-1.13527	0.195174
cg12808194	IL1RL2	0.095185	0.601067	0.868965	-1.15079	0.146168	1.51485	1.51485	0.439548
cg04643690	RORA;RORA;RORA	0.0951864	0.790136	0.925376	-1.08064	0.00789457	2.69336	2.69336	0.124677
cg22728186	CASZ1;CASZ1	0.0951874	0.559193	0.904893	-1.1051	0.0130572	0.593902	-1.68378	0.145576
cg13781758	PDIA5;PDIA5	0.0951884	0.55187	1.17359	1.17359	0.268691	1.35846	1.35846	0.139831
cg12978308	NEIL1;NEIL1	0.0951886	0.262388	0.615532	-1.62461	0.817626	1.10067	1.10067	0.206327
cg09285114	ZNF605;ZNF605	0.0951891	0.243767	0.77707	-1.28689	0.458094	0.855336	-1.16913	0.980178
cg01698523	FLNA;FLNA	0.0951924	0.026075	0.528393	-1.89253	0.225096	0.735054	-1.36044	0.00983948
cg25270498	METRNL	0.0951952	0.0545482	0.827588	-1.20833	0.0341883	0.807002	-1.23915	0.144397
cg14842771	EPHB6	0.0951971	0.00630798	0.144176	-6.93598	0.259258	0.526881	-1.89796	0.500529
cg07629355	IGSF9B	0.0951997	0.758969	1.10092	1.10092	0.934106	0.974498	-1.02617	0.447828
cg20407116	POLA2;POLA2	0.0952013	0.427586	1.72815	1.72815	0.155191	0.357949	-2.7937	0.632589
cg24923219	SESN3;SESN3	0.0952023	0.433161	1.14631	1.14631	0.564938	0.905446	-1.10443	0.654066
cg01026730	ARSB;ARSB	0.095204	0.007203	0.274643	-3.64108	0.519998	0.784289	-1.27504	0.100843
cg20307368	LYSMD2	0.0952078	0.259054	0.774524	-1.29112	0.437259	0.842018	-1.18762	0.233366
cg10706100	LOC441177;C6orf176;C6orf176	0.0952087	0.647056	0.914692	-1.09326	0.607608	1.10537	1.10537	0.0850384
cg02973307	KCTD15;KCTD15;KCTD15	0.0952114	0.135536	0.641988	-1.55766	0.00632951	0.375557	-2.66271	0.025284
cg16500173	ETV5	0.0952116	0.856575	0.950256	-1.05235	0.0431894	1.92708	1.92708	0.00691915
cg08599699	MBD3	0.0952121	0.0711134	0.735731	-1.35919	0.305495	0.85085	-1.1753	0.444774
cg14442890	BTN1A1	0.0952121	0.86056	0.891104	-1.1222	0.937938	0.950219	-1.05239	0.726334
cg00659991	C15orf41	0.0952159	0.15812	0.793689	-1.25994	0.609922	0.924233	-1.08198	0.0089333
cg07660929	PARD6A;ACD;PARD6A;ACD;ACD	0.0952197	0.399443	1.15614	1.15614	0.599791	0.9148	-1.09313	0.00766104
cg00593446	NINL	0.0952198	0.0523661	0.583755	-1.71305	0.0236623	0.517343	-1.93295	0.0692087
cg02930888	RBM20	0.0952235	0.329285	2.31243	2.31243	0.224369	2.89412	2.89412	0.043987
cg21909751	RPH3AL	0.095224	0.205537	1.59306	1.59306	0.567777	0.81763	-1.22305	0.135813
cg26881360	MCC;MCC	0.0952258	0.165862	0.816736	-1.22439	0.153404	1.23296	1.23296	0.168956
cg13514578	PRPF40B	0.0952267	0.981219	0.995584	-1.00444	0.0127371	1.78955	1.78955	0.150817
cg02791542	OSBPL10	0.0952275	0.272155	0.636555	-1.57096	0.835932	1.0854	1.0854	0.616912
cg21773142	VSTM2A	0.0952298	0.0129631	0.542189	-1.84437	0.843128	1.04011	1.04011	0.165466
cg13497155	RASSF1;RASSF1;RASSF1;RASSF1	0.0952302	0.601466	0.936539	-1.06776	0.0452755	1.33075	1.33075	0.435026
cg06262280	ITGA6;ITGA6	0.095231	0.15171	0.582822	-1.71579	0.240841	0.649461	-1.53974	0.379767
cg04307977	ADAM23	0.0952327	0.987651	0.99799	-1.00201	0.812592	1.03135	1.03135	0.0150372
cg04351807	LDLRAD3	0.0952336	0.0612148	0.225381	-4.43694	0.0188316	0.134	-7.46268	0.0849482
cg12583773	ARHGAP23	0.0952339	0.198126	1.48166	1.48166	0.0113837	2.49853	2.49853	0.89096
cg17586516	NONO;NONO;NONO;BCYRN1;NONO	0.0952348	0.0480272	0.338404	-2.95505	0.0377502	0.314987	-3.17474	0.0567426
cg25989227	WDR1;WDR1	0.0952349	0.199314	0.787057	-1.27056	0.068314	1.43389	1.43389	0.207217
cg04042305	RAB27A;RAB27A;RAB27A;RAB27A	0.0952364	0.0584173	0.540655	-1.84961	0.080073	0.572087	-1.74799	0.145118
cg20257821	DLGAP2	0.0952377	0.0849145	0.215045	-4.65018	0.392096	0.49297	-2.02852	0.896846
cg12628260	SRRM1	0.0952394	0.691467	0.904885	-1.10511	0.00930114	0.437476	-2.28584	0.0319695
cg05091653	SP100;SP100	0.09524	0.325259	0.497079	-2.01175	0.0507087	0.216093	-4.62763	0.170331
cg13121699	ZNF804A	0.0952402	0.340603	0.806892	-1.23932	0.0215094	0.546991	-1.82818	0.900601
cg19088363	ZXDC;ZXDC	0.0952427	0.203709	0.468127	-2.13617	0.917367	0.942974	-1.06047	0.251189
cg09327553	LOC651250	0.0952445	0.302679	0.848206	-1.17896	0.653663	1.07212	1.07212	0.13311
cg07845406	LY6G5C	0.0952462	0.757966	1.03415	1.03415	0.132695	0.838406	-1.19274	0.11428
cg11163777	MAP3K6	0.0952474	0.502551	0.697626	-1.43343	0.90036	1.06853	1.06853	0.313287
cg19186380	HOXC4;HOXC5;HOXC5	0.0952478	0.22145	0.644522	-1.55154	0.0484688	0.462789	-2.16081	0.497339
cg21239317	CCDC126	0.0952478	0.156006	0.558633	-1.79008	0.0863137	0.483371	-2.0688	0.0710847
cg20662959	ADRA2A	0.0952485	0.889358	0.979599	-1.02083	0.0082094	1.65001	1.65001	0.558996
cg14649965	C2orf7	0.0952499	0.427727	0.817695	-1.22295	0.928968	1.02241	1.02241	0.245673
cg21430539	MOGAT1	0.0952499	0.321201	1.25325	1.25325	0.0890582	1.51141	1.51141	0.381224
cg04274978	CBLN3;KHNYN	0.0952534	0.375102	0.445342	-2.24547	0.678088	0.690111	-1.44904	0.960366
cg03950807	KIAA1199	0.0952544	0.00820998	0.166126	-6.01952	0.107564	0.393682	-2.54012	0.224379
cg04860157	PPIL1;PPIL1	0.095258	0.963971	1.00616	1.00616	0.134843	1.24509	1.24509	0.612838
cg13940908	CHD5	0.0952625	0.896301	0.95287	-1.04946	0.0521765	2.26523	2.26523	0.12414
cg03066930	FHOD3	0.0952637	0.282901	0.83007	-1.20472	0.232273	1.23257	1.23257	0.065511
cg18311341	CYB5R2	0.0952641	0.241055	1.21248	1.21248	0.6982	0.940663	-1.06308	0.449529
cg21823733	ST6GALNAC3;ST6GALNAC3	0.0952679	0.256387	0.754865	-1.32474	0.0411663	0.571661	-1.74929	0.684619
cg12347392	MEST;MEST;MEST;MESTIT1	0.0952702	0.733783	0.894801	-1.11757	0.371648	1.34808	1.34808	0.441027
cg01408247	RSAD1	0.0952761	0.0119022	0.561484	-1.78099	0.058457	1.48159	1.48159	0.3197
cg08901339	BLNK;BLNK;BLNK;BLNK	0.0952766	0.627861	1.19138	1.19138	0.29133	1.48074	1.48074	0.557456
cg15103179	ITGA7;ITGA7;ITGA7	0.09528	0.0324017	0.431008	-2.32014	0.0270197	0.414886	-2.4103	0.0746599
cg17875760	RPA1	0.0952803	0.634039	0.893026	-1.11979	0.496079	0.849553	-1.17709	0.115608
cg23531488	NDUFA5	0.095281	0.366686	0.707525	-1.41338	0.00789863	0.280497	-3.5651	0.163471
cg12155013	MIR130B;MIR301B	0.0952816	0.0923302	1.36823	1.36823	0.770259	1.05081	1.05081	0.350258
cg15103567	OSBPL7	0.095282	0.0696887	0.247753	-4.03628	0.0244778	0.158275	-6.3181	0.0160412
cg20130344	NBR1;NBR1;NBR1	0.095288	0.0385371	0.49473	-2.0213	0.777898	0.920325	-1.08657	0.181642
cg18257026	ZDHHC24;ACTN3	0.0952887	0.613719	1.09618	1.09618	0.842635	1.03651	1.03651	0.777324
cg19371652	OAS2;OAS2;OAS2	0.0952906	0.548078	0.902751	-1.10773	0.0673927	1.41198	1.41198	0.177164
cg11075346	HERPUD2	0.0952908	0.0967095	0.53098	-1.88331	0.761498	0.899711	-1.11147	0.530897
cg20571116	PLCD4	0.0952917	0.849295	1.05939	1.05939	0.781378	0.919082	-1.08804	0.147059
cg12768993	DDX10	0.0952945	0.0354072	0.180211	-5.54906	0.198808	0.38677	-2.58552	0.0335161
cg19864487	DOLPP1;DOLPP1	0.0952973	0.570131	1.08207	1.08207	0.172469	1.22088	1.22088	0.0885917
cg07194166	TIRAP	0.0953002	0.20626	0.74562	-1.34117	0.121939	0.691338	-1.44647	0.271486
cg16487292	BTNL2	0.0953027	0.965913	1.01418	1.01418	0.399531	1.3286	1.3286	0.761273
cg18943969	IGSF3;IGSF3	0.0953032	0.704694	1.28501	1.28501	0.160631	2.70856	2.70856	0.424372
cg13435832	TEX10;TEX10	0.0953033	0.805909	0.893707	-1.11894	0.532687	0.749407	-1.33439	0.525309
cg17687528	SERPING1;SERPING1	0.0953041	0.419461	0.892347	-1.12064	0.264041	0.851506	-1.17439	0.147971
cg14518988	ST6GALNAC4;ST6GALNAC4	0.0953052	0.0542043	0.611584	-1.6351	0.410351	0.827402	-1.2086	0.658504
cg15172529	FAM26F	0.0953086	0.642346	1.51841	1.51841	0.0332964	9.22239	9.22239	0.121786
cg16205897	P4HA2;P4HA2;P4HA2;P4HA2;P4HA2	0.0953094	0.710235	0.870739	-1.14845	0.0521721	2.26855	2.26855	0.579724
cg05759090	MRAP2	0.09531	0.100958	0.470787	-2.1241	0.791229	1.11769	1.11769	0.566783
cg15543199	MAD1L1;MAD1L1;MAD1L1	0.0953126	0.839535	1.05083	1.05083	0.0436591	1.76335	1.76335	0.546476
cg17170839	GPM6A;GPM6A;GPM6A;GPM6A	0.095315	0.609594	0.78626	-1.27184	0.449456	0.69778	-1.43312	0.207192
cg25706502	PRDM16;PRDM16	0.0953172	0.222869	0.823489	-1.21435	0.0330711	0.685342	-1.45913	0.36161
cg26864834	CCND2	0.095318	0.161475	0.807603	-1.23823	0.3035	0.858725	-1.16452	0.00872319
ch.11.2720214F	PRDM10;PRDM10	0.09532	0.011121	0.142351	-7.0249	0.232299	0.464315	-2.15371	0.156045
cg19595750	FBRSL1	0.0953202	0.823161	0.847349	-1.18015	0.0105021	0.0922669	-10.8381	0.042632
cg06154597	GAK;TMEM175	0.0953205	0.037091	0.222087	-4.50273	0.374078	0.567134	-1.76325	0.614744
cg08939944	GTF2F2	0.0953231	0.102643	0.471658	-2.12018	0.115373	0.4866	-2.05507	0.116399
cg24141078	IQCC;IQCC	0.0953232	0.241184	0.803497	-1.24456	0.569782	1.10786	1.10786	0.812984
cg06255955	HLA-DQB1	0.0953249	0.0769522	6.60322	6.60322	0.0147814	17.7926	17.7926	0.976286
cg18718692	BFSP2	0.0953265	0.0247136	0.373412	-2.678	0.0294054	0.388685	-2.57278	0.0238912
cg02903436	PGK2;PGK2	0.0953316	0.894086	1.08663	1.08663	0.1085	2.98031	2.98031	0.0301333
cg14172375	PALM2;PALM2	0.0953332	0.44455	0.870229	-1.14912	0.217242	1.26051	1.26051	0.00477139
cg02599583	FAM127C;FAM127C	0.0953344	0.0639976	0.207611	-4.8167	0.139545	0.300973	-3.32256	0.637352
cg11972598	PHRF1	0.0953364	0.128081	0.758898	-1.3177	0.0596385	0.700141	-1.42828	0.0980932
cg04396772	GZMM	0.0953368	0.129481	0.626156	-1.59705	0.458777	0.80606	-1.2406	0.626893
cg13475877	LYN;LYN	0.0953386	0.0614861	0.250027	-3.99957	0.0152639	0.140818	-7.10138	0.0664187
cg03732263	DHDDS;DHDDS	0.0953399	0.0130562	0.268328	-3.72679	0.842217	1.08888	1.08888	0.616289
cg24999883	SETD3;SETD3	0.0953424	0.00938785	0.634348	-1.57642	0.875467	0.978559	-1.02191	0.817956
cg12892506	ZIC4;ZIC4;ZIC4	0.0953451	0.186238	0.118792	-8.41811	0.665108	0.515768	-1.93886	0.0981198
cg16971827	CBL	0.0953453	0.78488	1.09645	1.09645	0.0474405	2.1449	2.1449	0.503056
cg16600634	FLJ42709;FLJ42709;FLJ42709	0.0953485	0.167556	3.18368	3.18368	0.460759	1.80606	1.80606	0.964571
cg08062011	TMEM150C	0.0953499	0.277261	1.18454	1.18454	0.285382	1.18093	1.18093	0.870021
cg02726847	PFKP	0.0953516	0.200144	0.757229	-1.32061	0.587693	1.11906	1.11906	0.843295
cg26503178	GEFT;GEFT	0.0953553	0.158992	0.343321	-2.91272	0.234732	0.412904	-2.42187	?
cg16435879	STBD1	0.0953557	0.870953	1.02701	1.02701	0.19478	0.798642	-1.25213	0.0318319
cg20548231	C22orf27	0.0953568	0.447776	0.663015	-1.50826	0.112116	0.398959	-2.50652	0.590503
cg11112931	FGFR4;FGFR4;FGFR4	0.0953586	0.379236	1.20289	1.20289	0.361071	1.21199	1.21199	0.312101
cg11815363	KCNK1	0.095359	0.688366	1.04639	1.04639	0.21871	1.15662	1.15662	0.911759
cg01949614	UBE2I;UBE2I;UBE2I;UBE2I	0.0953593	0.307291	0.873474	-1.14485	0.61491	1.06708	1.06708	0.37488
cg03262077	CLCC1;CLCC1;CLCC1;CLCC1	0.0953608	0.941862	0.989985	-1.01012	0.279569	0.856294	-1.16782	0.518953
cg01645401	KLF5	0.0953619	0.810335	1.10854	1.10854	0.182017	0.544934	-1.83509	0.312972
cg04263115	CLSPN	0.0953649	0.4861	0.751523	-1.33063	0.471473	0.743965	-1.34415	?
cg02733842	C7orf50;C7orf50;C7orf50	0.0953657	0.218475	0.766696	-1.3043	0.661539	0.91355	-1.09463	0.128231
cg20215290	DNM1L;DNM1L;DNM1L	0.0953693	0.896605	1.0198	1.0198	0.540114	1.09807	1.09807	0.813321
ch.11.91906385	FAT3	0.0953703	0.110035	0.468889	-2.1327	0.00976986	0.241539	-4.14012	0.0676144
cg11614451	TRIM59	0.0953704	0.107426	6.44925	6.44925	0.505452	2.04793	2.04793	0.127238
cg14560435	LINGO2	0.0953721	0.518274	0.907757	-1.10162	0.221192	1.20929	1.20929	0.0170226
cg25210134	PLCB2	0.0953745	0.125882	0.637793	-1.56791	0.140715	0.650309	-1.53773	0.330467
cg13342137	MXD4	0.0953745	0.495238	0.727652	-1.37428	0.014729	3.96759	3.96759	0.0299662
cg06751597	SNAP23;SNAP23	0.0953745	0.507524	1.30089	1.30089	0.0352109	0.383003	-2.61095	0.0558381
cg11083188	RREB1;RREB1;RREB1;RREB1	0.0953748	0.593166	0.962339	-1.03913	0.00815887	1.27255	1.27255	0.126188
cg14666354	CDK3;C17orf106	0.0953751	0.691695	0.940864	-1.06285	0.395196	0.875316	-1.14244	0.138001
cg17573270	SERHL2	0.0953768	0.196945	0.703273	-1.42192	0.0391611	1.85134	1.85134	0.233862
cg19116747	HMGXB3;TIGD6;HMGXB3	0.0953774	0.106217	0.711137	-1.4062	0.0411697	0.634331	-1.57646	0.768999
cg03992938	CCDC13;CCDC13	0.0953788	0.860478	0.978114	-1.02238	0.38275	0.893516	-1.11917	0.560331
cg03878985	CXorf41;NUP62CL;CXorf41	0.09538	0.15602	0.145464	-6.87453	0.720603	0.63369	-1.57806	0.892088
cg27213238	GCNT2	0.095382	0.932702	0.972318	-1.02847	0.0184625	0.386767	-2.58554	0.0156763
cg23519637	C7orf50;C7orf50;C7orf50	0.095383	0.723108	0.881205	-1.13481	0.767576	1.11111	1.11111	0.701805
cg20357538	CHSY1	0.0953857	0.831574	0.953608	-1.04865	0.105024	0.673629	-1.4845	0.127184
cg03576422	WAC;WAC;WAC	0.0953863	0.144321	0.497246	-2.01108	0.108936	2.17896	2.17896	0.471786
cg12912293	ARNT;ARNT;ARNT	0.095387	0.0503003	0.171705	-5.82393	0.200613	0.343887	-2.90793	0.122403
cg08054078	PLLP	0.0953873	0.0292772	0.472943	-2.11442	0.905933	0.966118	-1.03507	0.246607
cg08110272	CMKLR1;CMKLR1;CMKLR1	0.0953887	0.246364	0.40935	-2.4429	0.0157701	0.11309	-8.84251	0.00768515
cg01777403	C14orf4	0.0953892	0.394881	1.67751	1.67751	0.143489	2.56055	2.56055	0.00943015
cg10700634	PLEKHG5	0.0953915	0.150246	0.265508	-3.76637	0.0797204	0.187828	-5.32402	0.058945
cg13773689	DHX33	0.0953939	0.415065	1.24739	1.24739	0.165608	1.48048	1.48048	0.0184136

Probeset ID	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg26547924	0.718171	-1.39243	0.288428	0.70363	-1.4212	0.178501	0.633869	-1.57761
ch.19.702771R	0.271224	-3.68699	0.494981	0.757871	-1.31949	0.0147617	0.301053	-3.32167
cg21573582	3.07887	3.07887	0.0909794	2.43529	2.43529	0.463293	1.41422	1.41422
cg09970194	0.489019	-2.04491	0.236687	0.523454	-1.91039	0.0288838	0.260498	-3.83881
cg12808194	1.23353	1.23353	0.414275	0.80077	-1.2488	0.00739668	0.399034	-2.50606
cg04643690	1.62146	1.62146	0.417992	1.27206	1.27206	0.566681	0.845024	-1.1834
cg22728186	0.767654	-1.30267	0.44031	0.875321	-1.14244	0.332278	0.8443	-1.18441
cg13781758	0.65543	-1.52572	0.925167	1.0253	1.0253	0.301244	0.75214	-1.32954
cg12978308	1.73937	1.73937	0.116484	2.03051	2.03051	0.266772	1.61682	1.61682
cg09285114	1.00515	1.00515	0.225737	0.768664	-1.30096	0.594323	0.894785	-1.11759
cg01698523	0.454642	-2.19953	0.466304	1.19614	1.19614	0.159131	0.695208	-1.43842
cg25270498	0.872806	-1.14573	0.161952	0.878471	-1.13834	0.0691633	0.838258	-1.19295
cg14842771	0.68916	-1.45104	0.594574	0.746424	-1.33972	0.13339	0.414181	-2.4144
cg07629355	1.27337	1.27337	0.254287	1.45044	1.45044	0.295536	1.40336	1.40336
cg20407116	0.7223	-1.38447	0.323555	1.99098	1.99098	0.731669	1.26172	1.26172
cg24923219	0.925884	-1.08005	0.134703	0.759326	-1.31696	0.011521	0.583043	-1.71514
cg01026730	0.511947	-1.95333	0.499424	0.774576	-1.29103	0.0182326	0.343772	-2.9089
cg20307368	0.762516	-1.31145	0.0271824	0.567048	-1.76352	0.177037	0.732456	-1.36527
cg10706100	1.44532	1.44532	0.930677	1.01697	1.01697	0.83651	0.96082	-1.04078
cg02973307	0.480592	-2.08077	0.97994	1.00695	1.00695	0.202811	0.690465	-1.4483
cg16500173	2.67994	2.67994	0.793858	1.07665	1.07665	0.7779	0.923345	-1.08302
cg08599699	1.1259	1.1259	0.918994	0.984634	-1.01561	0.810295	0.964054	-1.03729
cg14442890	0.794201	-1.25913	0.132698	0.345137	-2.8974	0.0376462	0.20573	-4.86073
cg00659991	1.66415	1.66415	0.857902	1.02782	1.02782	0.537663	1.10028	1.10028
cg07660929	1.77977	1.77977	0.207053	1.25082	1.25082	0.953887	0.990321	-1.00977
cg00593446	0.60898	-1.64209	0.414706	0.815947	-1.22557	0.0333561	0.54517	-1.83429
cg02930888	6.87029	6.87029	0.0877957	4.80119	4.80119	0.181639	0.3071	-3.25627
cg21909751	0.570949	-1.75147	0.734635	1.12595	1.12595	0.309021	1.44351	1.44351
cg26881360	0.818093	-1.22235	0.104357	1.27535	1.27535	0.752633	0.95761	-1.04427
cg13514578	0.748639	-1.33576	0.174242	1.31227	1.31227	0.775543	0.947669	-1.05522
cg02791542	0.819307	-1.22054	0.821198	1.09358	1.09358	0.01195	0.28956	-3.45352
cg21773142	0.74555	-1.34129	0.229213	0.778446	-1.28461	0.336167	1.21756	1.21756
cg13497155	1.10417	1.10417	0.0223019	1.40598	1.40598	0.367457	1.12208	1.12208
cg06262280	1.37261	1.37261	0.618142	1.19321	1.19321	0.0529445	0.461556	-2.16659
cg04307977	0.678116	-1.47467	0.252886	1.16791	1.16791	0.566541	1.07821	1.07821
cg04351807	0.260392	-3.84036	0.140093	0.325853	-3.06887	0.0133363	0.1147	-8.7184
cg12583773	1.04045	1.04045	0.126986	1.61142	1.61142	0.0883413	1.72209	1.72209
cg17586516	0.355629	-2.81192	0.640984	1.25252	1.25252	0.0582468	0.358411	-2.79009
cg25989227	1.26472	1.26472	0.118909	0.74167	-1.34831	0.427719	0.866777	-1.1537
cg04042305	0.637645	-1.56827	0.26649	0.716804	-1.39508	0.0814826	0.573886	-1.74251
cg20257821	0.900652	-1.11031	0.177268	0.314487	-3.17978	0.044311	0.155123	-6.44649
cg12628260	1.87701	1.87701	0.572531	1.15359	1.15359	0.794421	0.936665	-1.06762
cg05091653	0.366085	-2.7316	0.196164	0.390411	-2.5614	0.0349534	0.184308	-5.42569
cg13121699	0.973068	-1.02768	0.162051	1.38566	1.38566	0.227828	1.31861	1.31861
cg19088363	1.97054	1.97054	0.184536	0.450994	-2.21732	0.0172011	0.193512	-5.16763
cg09327553	1.28383	1.28383	0.699117	1.06172	1.06172	0.239472	1.20917	1.20917
cg07845406	0.829757	-1.20517	0.0461768	0.780217	-1.28169	0.0330147	1.31107	1.31107
cg11163777	0.575868	-1.73651	0.34769	0.599509	-1.66803	0.663189	0.793039	-1.26097
cg19186380	0.790179	-1.26554	0.956157	1.01897	1.01897	0.660551	0.859817	-1.16304
cg21239317	0.461382	-2.1674	0.241356	0.624686	-1.6008	0.00906068	0.280145	-3.56958
cg20662959	1.09145	1.09145	0.303671	1.17089	1.17089	0.0271119	0.678823	-1.47314
cg14649965	0.739478	-1.3523	0.605233	0.87844	-1.13838	0.00195015	0.336578	-2.97108
cg21430539	0.820519	-1.21874	0.194452	1.35301	1.35301	0.0371129	0.586801	-1.70416
cg04274978	0.956803	-1.04515	0.406974	0.47059	-2.12499	0.301638	0.38638	-2.58813
cg03950807	0.507913	-1.96884	0.962922	1.02498	1.02498	0.0340709	0.269038	-3.71695
cg04860157	1.07185	1.07185	0.991352	0.998527	-1.00147	0.835945	1.0286	1.0286
cg13940908	1.85232	1.85232	0.0740983	2.08941	2.08941	0.634305	0.837436	-1.19412
cg03066930	1.41206	1.41206	0.113653	0.750271	-1.33285	0.0976418	0.738332	-1.3544
cg18311341	0.886057	-1.1286	0.165761	0.792908	-1.26118	0.0352967	1.46939	1.46939
cg21823733	0.907617	-1.10179	0.660092	1.11077	1.11077	0.0206504	1.9379	1.9379
cg12347392	0.774275	-1.29153	0.0021607	0.246098	-4.06343	0.594709	0.839588	-1.19106
cg01408247	1.20813	1.20813	0.869764	1.03063	1.03063	0.137987	0.745515	-1.34136
cg08901339	0.808407	-1.237	0.901684	0.956661	-1.0453	0.00451327	0.257474	-3.88389
cg15103179	0.513138	-1.94879	0.788294	0.913533	-1.09465	0.0378329	0.445208	-2.24614
cg17875760	1.49708	1.49708	0.260309	0.758061	-1.31915	0.442203	0.831223	-1.20305
cg23531488	0.574156	-1.74169	0.748848	1.12732	1.12732	0.220422	0.618374	-1.61714
cg12155013	1.1767	1.1767	0.647954	0.92515	-1.08091	0.290905	0.830708	-1.20379
cg15103567	0.131701	-7.59298	0.607169	0.699993	-1.42859	0.0711752	0.250005	-3.99992
cg20130344	1.51637	1.51637	0.877046	1.04651	1.04651	0.898527	0.963233	-1.03817
cg18257026	0.95013	-1.05249	0.503997	1.13014	1.13014	0.317974	1.20471	1.20471
cg19371652	0.78549	-1.27309	0.0315812	0.654221	-1.52854	0.0782662	0.719439	-1.38997
cg11075346	0.802223	-1.24654	0.425866	0.754059	-1.32616	0.189407	0.617174	-1.62029
cg20571116	0.623781	-1.60313	0.0570198	1.92158	1.92158	0.0166831	0.412157	-2.42626
cg12768993	0.175953	-5.68334	0.303597	0.474533	-2.10733	0.0136856	0.118478	-8.44038
cg19864487	1.29459	1.29459	0.342361	0.874191	-1.14391	0.429792	0.895145	-1.11714
cg07194166	0.777204	-1.28666	0.0340256	0.579966	-1.72424	0.216462	0.750983	-1.33159
cg16487292	0.904489	-1.1056	0.295198	0.699329	-1.42994	0.255018	0.676035	-1.47921
cg18943969	0.58353	-1.71371	0.439592	1.68258	1.68258	0.0979508	0.297572	-3.36053
cg13435832	0.745408	-1.34155	0.0788598	2.43716	2.43716	0.119881	0.462894	-2.16032
cg17687528	1.239	1.239	0.0582334	1.34385	1.34385	0.123162	1.25936	1.25936
cg14518988	0.904748	-1.10528	0.0536314	1.63753	1.63753	0.0238216	0.544934	-1.83489
cg15172529	4.47207	4.47207	0.695659	1.4206	1.4206	0.0323801	0.106761	-9.36673
cg16205897	0.812646	-1.23055	0.580764	0.813118	-1.22983	0.125128	0.54029	-1.85086
cg05759090	1.27484	1.27484	0.874797	0.936009	-1.06837	0.0287714	0.339068	-2.94926
cg15543199	0.861349	-1.16097	0.0685439	0.607343	-1.64652	0.422469	0.818414	-1.22188
cg17170839	1.86089	1.86089	0.410126	1.48184	1.48184	0.0731577	0.393356	-2.54223
cg25706502	0.86746	-1.15279	0.904745	0.982012	-1.01832	0.0539617	0.717701	-1.39334
cg26864834	0.620293	-1.61214	0.649404	1.06759	1.06759	0.279744	1.1742	1.1742
ch.11.2720214F	0.39477	-2.53312	0.0569777	0.267348	-3.74044	0.0291067	0.206996	-4.831
cg19595750	0.177768	-5.62532	0.96583	1.03221	1.03221	0.414267	0.539232	-1.85449
cg06154597	0.729446	-1.3709	0.844136	0.88483	-1.13016	0.0113824	0.139564	-7.16518
cg08939944	0.487755	-2.05021	0.604659	1.24579	1.24579	0.0203591	0.30832	-3.24338
cg24141078	1.04317	1.04317	0.448096	1.14782	1.14782	0.131333	1.33707	1.33707
cg06255955	1.02894	1.02894	0.470847	0.494599	-2.02184	0.574878	1.72265	1.72265
cg18718692	0.370501	-2.69905	0.439714	0.748044	-1.33682	0.0808271	0.490076	-2.0405
cg02903436	0.203808	-4.90657	0.370631	0.563583	-1.77436	0.0557768	0.258782	-3.86425
cg14172375	0.512647	-1.95066	0.702941	0.933951	-1.07072	0.291229	1.2157	1.2157
cg02599583	0.698658	-1.43131	0.455721	0.563419	-1.77488	0.0138701	0.100651	-9.93532
cg11972598	1.35568	1.35568	0.351116	1.17462	1.17462	0.346301	0.849886	-1.17663
cg04396772	1.15028	1.15028	0.386362	0.775862	-1.28889	0.109245	0.607069	-1.64726
cg13475877	0.258053	-3.87517	0.598675	0.705059	-1.41832	0.0505808	0.230847	-4.33188
cg03732263	0.805853	-1.24092	0.853917	0.924277	-1.08193	0.0093793	0.244798	-4.085
cg24999883	1.03238	1.03238	0.497387	1.09989	1.09989	0.0155239	0.663508	-1.50714
cg12892506	15.7715	15.7715	0.215901	0.138076	-7.24238	0.0874697	0.0568089	-17.6029
cg16971827	1.25697	1.25697	0.904937	0.960594	-1.04102	0.136069	0.582455	-1.71687
cg16600634	0.965638	-1.03558	0.681951	1.38316	1.38316	0.132235	3.59268	3.59268
cg08062011	0.975755	-1.02485	0.303616	1.17314	1.17314	0.421924	1.13083	1.13083
cg02726847	0.960147	-1.04151	0.0798357	0.670715	-1.49095	0.33469	0.815106	-1.22683
cg26503178	?	?	0.560313	0.658217	-1.51926	0.0109292	0.103464	-9.66522
cg16435879	0.662037	-1.51049	0.313971	0.843059	-1.18616	0.512971	0.896937	-1.11491
cg20548231	1.33449	1.33449	0.0532938	3.20962	3.20962	0.0145599	0.202213	-4.94527
cg11112931	1.23879	1.23879	0.0814566	1.48509	1.48509	0.00814364	0.499769	-2.00092
cg11815363	0.987608	-1.01255	0.720395	1.04125	1.04125	0.771517	1.03329	1.03329
cg01949614	0.889959	-1.12365	0.98099	1.00305	1.00305	0.842453	0.97485	-1.0258
cg03262077	1.09443	1.09443	0.405383	1.12467	1.12467	0.637	0.936504	-1.0678
cg01645401	0.63936	-1.56406	0.767173	1.1357	1.1357	0.0208354	3.29395	3.29395
cg04263115	?	?	?	?	?	0.167534	0.54646	-1.82996
cg02733842	0.713561	-1.40142	0.151443	0.729447	-1.3709	0.034108	0.601982	-1.66118
cg20215290	0.964947	-1.03633	0.234116	0.828496	-1.20701	0.0224255	0.661947	-1.5107
ch.11.91906385	0.41054	-2.43582	0.124278	0.484959	-2.06203	0.0411188	0.358919	-2.78614
cg11614451	5.75253	5.75253	0.0484499	10.9332	10.9332	0.798703	0.762538	-1.31141
cg14560435	0.650546	-1.53717	0.678888	0.940338	-1.06345	0.809413	0.964925	-1.03635
cg25210134	0.761321	-1.31351	0.0175902	0.45637	-2.1912	0.0122411	0.428488	-2.33379
cg13342137	3.22943	3.22943	0.213958	1.82345	1.82345	0.115348	0.455697	-2.19444
cg06751597	2.33411	2.33411	0.762483	1.12591	1.12591	0.0955185	2.04719	2.04719
cg11083188	1.125	1.125	0.467843	0.948773	-1.05399	0.962182	1.00338	1.00338
cg14666354	0.783289	-1.27667	0.759948	1.04798	1.04798	0.0491408	0.709313	-1.40981
cg17573270	1.37996	1.37996	0.949714	1.01641	1.01641	0.859009	0.955154	-1.04695
cg19116747	1.05855	1.05855	0.949233	0.987772	-1.01238	0.868404	0.968467	-1.03256
cg03992938	0.928606	-1.07688	0.567063	0.92981	-1.07549	0.452172	1.10114	1.10114
cg03878985	0.841628	-1.18817	0.931399	1.11557	1.11557	0.296321	0.252709	-3.95712
cg27213238	0.373619	-2.67652	0.862283	0.943924	-1.05941	0.604052	0.840391	-1.18992
cg23519637	0.872179	-1.14655	0.753355	0.893993	-1.11858	0.66915	1.16511	1.16511
cg20357538	0.692181	-1.44471	0.0844156	0.653285	-1.53073	0.905938	1.02672	1.02672
cg03576422	1.38554	1.38554	0.395205	1.47394	1.47394	0.0415557	0.351014	-2.84889
cg12912293	0.266625	-3.75059	0.269329	0.403181	-2.48027	0.0512227	0.173242	-5.77227
cg08054078	0.702383	-1.42373	0.209242	0.67983	-1.47096	0.306706	1.36145	1.36145
cg08110272	0.0801545	-12.4759	0.601165	0.678011	-1.4749	0.236631	0.401077	-2.49329
cg01777403	7.5557	7.5557	?	?	?	?	?	?
cg10700634	0.159771	-6.25898	0.505127	0.559058	-1.78872	0.0216686	0.0934293	-10.7033
cg13773689	2.13568	2.13568	0.512671	1.19265	1.19265	0.262936	1.363	1.363

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)
cg26547924	0.00874425	0.344614	-2.9018	0.543848	1.21648	1.21648	0.494522	0.801512	-1.24764
ch.19.702771R	0.59322	1.24076	1.24076	0.319389	0.662527	-1.50937	0.633488	0.825146	-1.21191
cg21573582	0.108897	2.29948	2.29948	?	?	?	0.88935	0.937791	-1.06634
cg09970194	0.191448	0.48575	-2.05867	0.00694252	0.161426	-6.19479	0.53405	1.38931	1.38931
cg12808194	0.363606	0.779917	-1.28219	0.722035	0.909286	-1.09976	0.086011	0.603465	-1.6571
cg04643690	0.780994	0.922159	-1.08441	0.0983764	1.69392	1.69392	0.0447113	1.95432	1.95432
cg22728186	0.796803	0.957278	-1.04463	0.0241629	1.57599	1.57599	0.636112	0.922518	-1.08399
cg13781758	0.810896	1.06582	1.06582	0.0112171	2.32788	2.32788	0.0875784	1.65117	1.65117
cg12978308	0.696405	1.17683	1.17683	0.59441	1.25003	1.25003	0.00550032	4.55208	4.55208
cg09285114	0.0645035	1.5365	1.5365	0.0595837	1.55226	1.55226	0.429423	0.846352	-1.18154
cg01698523	0.406503	0.814525	-1.22771	0.49287	0.84514	-1.18324	0.453908	0.831682	-1.20238
cg25270498	0.0247576	0.793002	-1.26103	0.0264422	0.795847	-1.25652	0.472499	0.938564	-1.06546
cg14842771	0.451409	1.51852	1.51852	0.972146	0.98117	-1.01919	0.110112	0.38748	-2.58078
cg07629355	0.00172099	4.04463	4.04463	0.806561	0.926224	-1.07965	0.527987	1.22109	1.22109
cg20407116	0.698198	0.768613	-1.30104	0.018026	6.96234	6.96234	0.0279126	5.781	5.781
cg24923219	0.218769	0.801859	-1.2471	0.224541	1.24335	1.24335	0.107192	1.35013	1.35013
cg01026730	0.581702	0.812774	-1.23035	0.70998	0.870074	-1.14933	0.806339	1.09583	1.09583
cg20307368	0.689603	0.916572	-1.09102	0.0201362	1.8372	1.8372	0.277715	0.782749	-1.27755
cg10706100	0.583927	0.898548	-1.11291	0.37849	0.83965	-1.19097	0.00488939	0.486046	-2.05742
cg02973307	0.145919	0.650467	-1.53736	0.306613	0.747079	-1.33855	0.950942	0.983193	-1.01709
cg16500173	0.584473	0.855772	-1.16854	0.144351	0.642584	-1.55622	0.980335	0.993073	-1.00698
cg08599699	0.0783476	0.742536	-1.34674	0.0259063	1.49566	1.49566	0.513075	0.903957	-1.10625
cg14442890	0.197642	0.409444	-2.44234	0.137982	0.350868	-2.85008	0.0302675	5.31378	5.31378
cg00659991	0.476972	0.89518	-1.11709	0.0608474	0.723558	-1.38206	0.382883	1.14686	1.14686
cg07660929	0.182046	0.788019	-1.26901	0.243657	1.22774	1.22774	0.209455	0.800521	-1.24919
cg00593446	0.298421	0.768779	-1.30076	0.0244837	0.520055	-1.92287	0.573796	0.87053	-1.14873
cg02930888	0.890016	0.891187	-1.1221	0.0856511	4.8636	4.8636	0.0183538	10.8345	10.8345
cg21909751	0.148845	1.7157	1.7157	0.0293656	2.44666	2.44666	0.0330958	2.38384	2.38384
cg26881360	0.291491	1.16178	1.16178	0.234316	1.18625	1.18625	0.344815	0.875203	-1.14259
cg13514578	0.337651	1.20424	1.20424	0.473733	0.871973	-1.14682	0.111408	1.38545	1.38545
cg02791542	0.0505281	0.414518	-2.41244	0.0166172	0.314803	-3.17659	0.986482	0.993328	-1.00672
cg21773142	0.352042	1.20937	1.20937	0.33882	1.21617	1.21617	0.833196	1.04275	1.04275
cg13497155	0.0868972	1.2652	1.2652	0.0144925	1.45466	1.45466	0.610304	1.06604	1.06604
cg06262280	0.317008	0.695168	-1.4385	0.0203636	0.37426	-2.67194	0.0286864	0.403671	-2.47727
cg04307977	0.0606376	0.759632	-1.31643	0.961206	1.00634	1.00634	0.594097	0.932478	-1.07241
cg04351807	0.26173	0.437498	-2.28573	0.079065	0.252258	-3.96419	0.328511	0.490471	-2.03886
cg12583773	0.305021	1.35939	1.35939	0.0156365	2.35533	2.35533	0.367106	1.30711	1.30711
cg17586516	0.029542	0.292742	-3.41597	0.817791	0.895264	-1.11699	0.593462	0.772345	-1.29476
cg25989227	0.0737463	1.42186	1.42186	0.726075	1.06408	1.06408	0.98568	0.996836	-1.00317
cg04042305	0.377728	0.770832	-1.2973	0.00645125	0.361075	-2.76951	0.715825	0.900196	-1.11087
cg20257821	0.0561657	0.174684	-5.72462	0.0255904	0.117705	-8.4958	0.031013	0.129688	-7.71081
cg12628260	0.529795	0.852583	-1.17291	0.249809	1.35167	1.35167	0.921761	0.975686	-1.02492
cg05091653	0.186525	0.381505	-2.6212	0.0101892	0.107576	-9.29576	0.208859	0.401869	-2.48838
cg13121699	0.238454	0.763558	-1.30966	0.0272613	0.565067	-1.7697	0.326435	0.801432	-1.24777
cg19088363	0.158188	0.425887	-2.34804	0.0422422	0.266123	-3.75766	0.103171	0.364736	-2.74171
cg09327553	0.0600827	1.38685	1.38685	0.00790186	1.69103	1.69103	0.307065	0.849557	-1.17708
cg07845406	0.717759	1.04022	1.04022	0.129351	0.836916	-1.19486	0.978789	0.997116	-1.00289
cg11163777	0.283005	0.554174	-1.80449	0.00342967	0.122008	-8.19622	0.0280138	0.253226	-3.94904
cg19186380	0.0807446	0.515865	-1.93849	0.197852	0.628025	-1.59229	0.0223915	2.54754	2.54754
cg21239317	0.119193	0.522703	-1.91313	0.137887	0.54176	-1.84584	0.350548	1.44574	1.44574
cg20662959	0.911239	1.01665	1.01665	0.451251	1.12037	1.12037	0.899786	0.981516	-1.01883
cg14649965	0.693019	0.906086	-1.10365	0.964618	1.01109	1.01109	0.474179	1.19832	1.19832
cg21430539	0.764129	0.935867	-1.06853	0.0931693	0.66578	-1.502	0.593167	1.12612	1.12612
cg04274978	0.617435	1.56436	1.56436	0.00285205	38.416	38.416	0.943293	0.938744	-1.06525
cg03950807	0.302227	0.567055	-1.7635	0.062295	0.328287	-3.04611	0.627607	0.771456	-1.29625
cg04860157	0.597915	0.930185	-1.07505	0.00300989	0.575155	-1.73866	0.608274	0.932118	-1.07283
cg13940908	0.296521	1.4929	1.4929	0.0281662	0.383012	-2.61088	0.223758	1.60513	1.60513
cg03066930	0.254243	0.819778	-1.21984	0.0917803	1.36324	1.36324	0.40181	1.154	1.154
cg18311341	?	?	?	0.0256445	1.51614	1.51614	0.521225	0.902964	-1.10746
cg21823733	0.510925	0.853608	-1.1715	0.087817	1.56399	1.56399	0.621395	0.888543	-1.12544
cg12347392	0.954706	0.981675	-1.01867	0.508068	1.24437	1.24437	0.805211	1.08378	1.08378
cg01408247	0.86504	0.969205	-1.03177	0.562001	0.897804	-1.11383	0.234331	0.795146	-1.25763
cg08901339	0.315495	1.45074	1.45074	0.663897	1.16969	1.16969	0.142306	1.76027	1.76027
cg15103179	0.114048	0.561221	-1.78183	0.0393257	0.448822	-2.22805	0.562275	0.821302	-1.21758
cg17875760	0.539776	0.863773	-1.15771	0.0109109	2.12511	2.12511	0.388507	0.811805	-1.23182
cg23531488	0.0395782	0.411469	-2.43032	0.460841	0.755703	-1.32327	0.227394	0.623276	-1.60443
cg12155013	0.701412	1.06737	1.06737	0.00773624	0.560487	-1.78416	0.514248	1.11844	1.11844
cg15103567	0.105364	0.296129	-3.37691	0.0554521	0.224676	-4.45085	0.199172	0.393333	-2.54238
cg20130344	0.0869426	0.574047	-1.74202	0.13814	0.62578	-1.59801	0.0688044	1.81844	1.81844
cg18257026	0.25282	0.806139	-1.24048	0.00634848	0.526742	-1.89846	0.0495648	0.667483	-1.49817
cg19371652	0.632991	1.08435	1.08435	0.912162	1.01875	1.01875	0.438158	0.875361	-1.14239
cg11075346	0.39443	0.738734	-1.35367	0.00899038	0.315614	-3.16842	0.033302	0.42163	-2.37175
cg20571116	0.378298	1.31543	1.31543	0.102476	1.71938	1.71938	0.724961	0.8984	-1.11309
cg12768993	0.853524	0.878714	-1.13803	0.104373	0.288813	-3.46244	0.368116	0.523755	-1.90929
cg19864487	0.631509	1.06867	1.06867	0.0116933	0.648562	-1.54187	0.747051	1.04548	1.04548
cg07194166	0.21269	0.749022	-1.33508	0.319446	1.25425	1.25425	0.2027	0.743705	-1.34462
cg16487292	0.100666	0.553005	-1.8083	0.0587897	2.02018	2.02018	0.0196324	0.395056	-2.53129
cg18943969	0.0496832	0.222149	-4.50148	0.0224183	0.156798	-6.37763	0.951122	0.960459	-1.04117
cg13435832	0.800764	0.890981	-1.12236	0.0178102	3.72498	3.72498	0.0824172	2.40664	2.40664
cg17687528	0.322764	1.15146	1.15146	0.0454103	0.728431	-1.37281	0.821108	1.03177	1.03177
cg14518988	0.90589	1.02697	1.02697	0.177137	1.38102	1.38102	0.70149	1.09054	1.09054
cg15172529	0.289452	2.66959	2.66959	0.770703	0.770292	-1.29821	0.14123	4.1081	4.1081
cg16205897	0.649307	0.843844	-1.18505	0.533743	0.79156	-1.26333	0.00908806	3.41909	3.41909
cg05759090	0.110505	0.482214	-2.07377	0.0100419	0.255953	-3.90697	0.191616	0.560028	-1.78562
cg15543199	0.0850732	0.627725	-1.59305	0.0427652	1.7689	1.7689	0.734557	0.920137	-1.0868
cg17170839	0.0232121	0.281693	-3.54996	0.0923356	0.421062	-2.37495	0.109923	0.443269	-2.25596
cg25706502	0.551215	1.09572	1.09572	0.0354239	1.44969	1.44969	0.226354	0.824808	-1.2124
cg26864834	0.36345	0.875049	-1.14279	0.0310662	0.69649	-1.43577	0.319635	0.863317	-1.15832
ch.11.2720214F	0.209706	0.444993	-2.24723	0.0412479	0.236435	-4.22948	0.190658	0.427959	-2.33667
cg19595750	0.0653268	4.62306	4.62306	0.834616	1.16733	1.16733	0.907628	1.0897	1.0897
cg06154597	0.154497	0.387757	-2.57894	0.0285773	0.200743	-4.98149	0.125998	0.35732	-2.79861
cg08939944	0.207237	0.571397	-1.7501	0.0242456	0.322928	-3.09667	0.458241	1.37416	1.37416
cg24141078	0.161348	1.30568	1.30568	0.0100217	0.560082	-1.78545	0.172218	1.29577	1.29577
cg06255955	0.698599	0.688371	-1.45271	0.0538073	8.1768	8.1768	0.0369707	10.227	10.227
cg18718692	0.310918	0.67963	-1.47139	0.455199	0.755637	-1.32339	0.0678378	0.470726	-2.12438
cg02903436	0.67847	0.771032	-1.29696	0.96984	1.02386	1.02386	0.0481374	0.244431	-4.09114
cg14172375	0.877952	0.972966	-1.02778	0.705019	1.07018	1.07018	0.268996	0.814398	-1.2279
cg02599583	0.86728	0.881341	-1.13463	0.0251607	0.133857	-7.47065	0.082917	0.234561	-4.26329
cg11972598	0.128364	0.759078	-1.31739	0.0881773	1.37101	1.37101	0.278407	1.20806	1.20806
cg04396772	0.0960458	0.593115	-1.68601	0.0184546	0.441812	-2.2634	0.0114492	0.404832	-2.47016
cg13475877	0.223958	0.431426	-2.31789	0.047559	0.225109	-4.44228	0.71721	1.27041	1.27041
cg03732263	0.790539	0.892498	-1.12045	0.761903	1.13863	1.13863	0.132758	0.500082	-1.99967
cg24999883	0.726833	0.952686	-1.04966	0.127516	0.796334	-1.25575	0.907437	0.984054	-1.0162
cg12892506	0.300108	0.195453	-5.11632	0.146746	10.673	10.673	0.169037	0.107788	-9.27751
cg16971827	0.665103	0.863676	-1.15784	0.0186959	0.383256	-2.60922	0.170534	1.63416	1.63416
cg16600634	0.126556	3.67315	3.67315	0.00572814	17.3136	17.3136	0.0392855	6.53641	6.53641
cg08062011	0.258227	1.1934	1.1934	0.0359462	0.693706	-1.44153	0.379069	0.8735	-1.14482
cg02726847	0.0314128	0.595324	-1.67976	0.04223	1.61739	1.61739	0.288047	1.25439	1.25439
cg26503178	0.374584	0.523487	-1.91027	0.0111043	0.104225	-9.5946	0.336839	0.494974	-2.02031
cg16435879	0.151075	0.777062	-1.2869	0.0097089	0.584899	-1.7097	0.210563	1.24145	1.24145
cg20548231	0.95983	1.02711	1.02711	0.886877	1.07854	1.07854	0.17711	2.14257	2.14257
cg11112931	0.688219	1.08611	1.08611	0.50046	1.15033	1.15033	0.512052	0.87269	-1.14588
cg11815363	0.638702	1.05463	1.05463	0.0109349	0.698201	-1.43225	0.59862	1.06157	1.06157
cg01949614	0.00921806	0.655014	-1.52668	0.148777	0.820194	-1.21922	0.234298	0.852496	-1.17303
cg03262077	0.222169	0.837723	-1.19371	0.00301437	0.570506	-1.75283	0.85085	1.02632	1.02632
cg01645401	0.172431	1.86337	1.86337	0.0325166	2.92276	2.92276	0.91413	0.954824	-1.04731
cg04263115	0.209984	0.582519	-1.71668	0.461776	0.738907	-1.35335	0.00775039	0.220622	-4.53264
cg02733842	0.920117	0.979622	-1.0208	0.102123	1.44369	1.44369	0.0651886	0.653832	-1.52944
cg20215290	0.378549	1.146	1.146	0.00899232	0.605895	-1.65045	0.785018	0.959594	-1.04211
ch.11.91906385	?	?	?	0.250776	0.593455	-1.68505	0.267995	0.605496	-1.65154
cg11614451	0.350782	2.76985	2.76985	0.0479778	11.004	11.004	0.01036	30.7402	30.7402
cg14560435	0.553138	1.0927	1.0927	0.0269286	1.47286	1.47286	0.185334	1.23066	1.23066
cg25210134	0.449664	0.811237	-1.23269	0.314908	0.754118	-1.32605	0.032188	0.505956	-1.97646
cg13342137	0.650998	1.23254	1.23254	0.288206	1.65899	1.65899	0.586133	1.2871	1.2871
cg06751597	0.672304	1.18111	1.18111	0.10809	0.503629	-1.98559	0.764294	1.12485	1.12485
cg11083188	0.88889	0.990098	-1.01	0.778032	0.980084	-1.02032	0.0668656	0.863945	-1.15748
cg14666354	0.640386	1.07461	1.07461	0.00950285	1.65278	1.65278	0.740021	0.950348	-1.05225
cg17573270	0.0285315	1.94805	1.94805	0.870084	1.04314	1.04314	0.0458308	1.80525	1.80525
cg19116747	0.0728723	0.679362	-1.47197	0.216389	0.777744	-1.28577	0.0678501	1.48468	1.48468
cg03992938	0.216083	0.848954	-1.17792	0.0021521	0.581596	-1.71941	0.581201	0.932317	-1.0726
cg03878985	0.13047	0.125607	-7.96133	0.902357	1.16872	1.16872	0.0058227	98.2126	98.2126
cg27213238	0.971928	1.01176	1.01176	0.109072	1.78747	1.78747	0.821217	1.07813	1.07813
cg23519637	0.476421	0.773063	-1.29356	0.00180978	0.206609	-4.84005	0.592462	1.21176	1.21176
cg20357538	0.343831	0.804537	-1.24295	0.0268064	1.79509	1.79509	0.518887	1.15702	1.15702
cg03576422	0.0387337	0.344246	-2.9049	0.176507	0.527224	-1.89673	0.928413	0.960758	-1.04085
cg12912293	0.0893359	0.227805	-4.38972	0.0210968	0.111894	-8.93702	0.0529295	0.176049	-5.68024
cg08054078	0.0416307	0.504158	-1.98351	0.0350102	0.488572	-2.04678	0.546978	1.19449	1.19449
cg08110272	0.259629	0.420454	-2.37838	0.0805652	0.2398	-4.17015	0.135777	0.305915	-3.26888
cg01777403	0.152151	2.50193	2.50193	0.231065	2.11396	2.11396	0.393231	0.594985	-1.68072
cg10700634	0.142254	0.257552	-3.88272	0.0319024	0.115078	-8.68976	0.0560688	0.155556	-6.42854
cg13773689	0.385749	1.2661	1.2661	0.0043135	2.75257	2.75257	0.237449	1.38873	1.38873

Probeset ID	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26547924	0.550547	0.824786	-1.21244	2.61609	4.21491	1.43213	1
ch.19.702771R	0.55979	0.789834	-1.26609	2.64563	5.96205	2.25355	1
cg21573582	0.128631	0.458644	-2.18034	3.05786	8.72408	2.13975	1
cg09970194	0.192509	0.486684	-2.05472	2.61605	11.2937	3.83742	1
cg12808194	0.164646	0.673888	-1.48393	2.61604	2.93659	0.997808	1
cg04643690	0.256121	1.41152	1.41152	2.61602	3.50266	1.19016	1
cg22728186	0.722364	0.941419	-1.06223	2.61601	1.1863	0.403091	1
cg13781758	0.113118	1.58176	1.58176	2.616	2.92992	0.995557	1
cg12978308	0.287779	0.632353	-1.58139	2.616	7.14446	2.42762	1
cg09285114	0.0262044	0.579584	-1.72538	2.61599	1.77209	0.602139	1
cg01698523	0.0579375	0.595794	-1.67843	2.61595	2.41814	0.821674	1
cg25270498	0.691931	0.966034	-1.03516	2.61592	0.311913	0.105988	1
cg14842771	0.0418505	0.278869	-3.58592	2.6159	12.2806	4.17297	1
cg07629355	0.767185	1.09718	1.09718	2.61587	4.04304	1.37385	1
cg20407116	?	?	?	2.64538	16.9881	6.42179	1
cg24923219	0.422985	0.869601	-1.14995	2.61584	1.20749	0.41032	1
cg01026730	0.122814	0.536379	-1.86435	2.61582	5.75083	1.95421	1
cg20307368	0.393565	0.827259	-1.20881	2.61577	1.95065	0.662869	1
cg10706100	0.328798	1.21525	1.21525	2.61576	1.54993	0.526698	1
cg02973307	0.999371	1.00022	1.00022	2.61573	3.14403	1.06842	1
cg16500173	0.681975	1.12322	1.12322	2.61573	3.29524	1.1198	1
cg08599699	0.0741924	0.738698	-1.35373	2.61572	0.959974	0.326224	1
cg14442890	0.280229	2.08764	2.08764	2.61572	17.8128	6.05326	1
cg00659991	0.765223	0.955176	-1.04693	2.61568	0.971382	0.330106	1
cg07660929	0.269742	1.21325	1.21325	2.61563	1.17189	0.398252	1
cg00593446	0.129291	0.670409	-1.49163	2.61563	2.46562	0.837911	1
cg02930888	0.440685	1.92455	1.92455	2.61559	28.7183	9.75973	1
cg21909751	0.100528	1.87247	1.87247	2.61558	5.03594	1.71143	1
cg26881360	0.0316118	0.708047	-1.41234	2.61556	0.777439	0.26421	1
cg13514578	0.0828011	1.43502	1.43502	2.61555	1.46443	0.497684	1
cg02791542	0.313242	0.66221	-1.51009	2.61554	6.4686	2.19835	1
cg21773142	0.0833974	1.46289	1.46289	2.61551	1.63215	0.554689	1
cg13497155	0.98911	1.0017	1.0017	2.61551	0.641217	0.21792	1
cg06262280	0.927518	1.0325	1.0325	2.6155	5.1182	1.73944	1
cg04307977	0.0303239	0.718264	-1.39225	2.61548	0.699747	0.237814	1
cg04351807	0.317468	0.481944	-2.07493	2.61547	20.668	7.02421	1
cg12583773	0.0896951	1.71735	1.71735	2.61547	3.4612	1.17632	1
cg17586516	0.797757	1.13101	1.13101	2.61545	9.52077	3.23573	1
cg25989227	0.0597219	0.687181	-1.45522	2.61545	1.29144	0.43891	1
cg04042305	0.0746336	0.564901	-1.77022	2.61544	3.4258	1.1643	1
cg20257821	0.0635921	0.185909	-5.37899	2.61542	26.9565	9.16155	1
cg12628260	0.564553	0.864224	-1.15711	2.6154	2.60044	0.883804	1
cg05091653	0.0441327	0.203642	-4.91058	2.61539	19.6154	6.66664	1
cg13121699	0.437072	0.840962	-1.18911	2.61539	1.97725	0.672005	1
cg19088363	0.0962261	0.355775	-2.81077	2.61536	13.2594	4.50651	1
cg09327553	0.689878	1.0638	1.0638	2.61534	0.984812	0.334713	1
cg07845406	0.44907	1.08742	1.08742	2.61532	0.488877	0.166158	1
cg11163777	0.324279	0.583527	-1.71372	2.61531	11.598	3.94193	1
cg19186380	0.482122	1.27656	1.27656	2.6153	4.83826	1.64443	1
cg21239317	0.476847	0.757675	-1.31983	2.6153	6.0963	2.07201	1
cg20662959	0.69893	1.05924	1.05924	2.61529	0.908288	0.30871	1
cg14649965	0.525372	0.852174	-1.17347	2.61528	2.55911	0.869798	1
cg21430539	0.108788	1.46997	1.46997	2.61528	2.00942	0.682967	1
cg04274978	0.990489	1.01065	1.01065	2.61524	32.7045	11.1159	1
cg03950807	0.103435	0.38854	-2.57374	2.61522	11.6698	3.96645	1
cg04860157	0.660088	1.06203	1.06203	2.61518	0.76585	0.260309	1
cg13940908	0.770915	1.11415	1.11415	2.61513	5.6769	1.92959	1
cg03066930	0.336484	0.847538	-1.17989	2.61512	1.15401	0.392251	1
cg18311341	0.561022	0.911851	-1.09667	2.64463	0.917583	0.346961	1
cg21823733	0.444973	1.20302	1.20302	2.61507	2.33375	0.793265	1
cg12347392	0.718135	0.888673	-1.12527	2.61504	4.39104	1.49258	1
cg01408247	0.334965	0.832912	-1.20061	2.61497	1.4002	0.475961	1
cg08901339	0.911389	0.960877	-1.04072	2.61496	5.3227	1.80931	1
cg15103179	0.183368	0.622302	-1.60694	2.61493	4.67592	1.58948	1
cg17875760	0.11104	0.663942	-1.50616	2.61492	2.3049	0.783503	1
cg23531488	0.281879	1.51774	1.51774	2.61491	5.76445	1.95951	1
cg12155013	0.207394	1.25231	1.25231	2.61491	1.18608	0.403187	1
cg15103567	0.417293	0.565441	-1.76853	2.6149	19.5924	6.66008	1
cg20130344	0.19821	1.49075	1.49075	2.61483	3.57026	1.21368	1
cg18257026	0.775491	1.05295	1.05295	2.61482	1.34813	0.458285	1
cg19371652	0.0528853	0.690486	-1.44826	2.6148	1.1734	0.398891	1
cg11075346	0.0276214	0.404883	-2.46985	2.6148	4.99113	1.69671	1
cg20571116	0.815686	0.93163	-1.07339	2.61479	3.80955	1.29504	1
cg12768993	0.0561556	0.22021	-4.54112	2.61475	20.2677	6.89003	1
cg19864487	0.169244	1.22296	1.22296	2.61472	0.782248	0.26593	1
cg07194166	0.00960706	0.485862	-2.0582	2.61469	2.00756	0.682488	1
cg16487292	0.136498	0.589495	-1.69637	2.61466	4.49439	1.52793	1
cg18943969	?	?	?	2.81365	16.7949	5.22294	1
cg13435832	0.25388	1.72273	1.72273	2.61465	8.62925	2.93364	1
cg17687528	0.136161	1.24822	1.24822	2.61464	0.789482	0.268397	1
cg14518988	0.596713	0.886766	-1.12769	2.61463	2.09717	0.712971	1
cg15172529	0.118676	4.53844	4.53844	2.61459	33.0234	11.227	1
cg16205897	0.959893	1.01883	1.01883	2.61458	5.69578	1.93642	1
cg05759090	0.427277	0.711822	-1.40484	2.61457	7.28314	2.47608	1
cg15543199	0.741858	1.0842	1.0842	2.61454	2.47675	0.842041	1
cg17170839	0.328741	1.60104	1.60104	2.61452	9.02699	3.06902	1
cg25706502	0.735	0.949793	-1.05286	2.61449	0.951907	0.323635	1
cg26864834	0.394404	0.882796	-1.13277	2.61448	0.845667	0.287516	1
ch.11.2720214F	0.349831	0.554651	-1.80293	2.61446	15.5323	5.28082	1
cg19595750	0.90907	0.918925	-1.08823	2.61445	22.6766	7.70982	1
cg06154597	0.0995195	0.325543	-3.07179	2.61445	16.0001	5.43989	1
cg08939944	0.510926	0.755336	-1.32391	2.61442	7.33213	2.49288	1
cg24141078	0.883712	1.02644	1.02644	2.61442	1.31664	0.447649	1
cg06255955	0.917411	1.10467	1.10467	2.6144	38.1377	12.9667	1
cg18718692	0.0840644	0.494535	-2.0221	2.61438	5.61876	1.91038	1
cg02903436	0.101808	0.32721	-3.05614	2.61432	16.1092	5.47724	1
cg14172375	0.178798	0.775129	-1.29011	2.6143	1.31687	0.447747	1
cg02599583	0.064845	0.208899	-4.78701	2.61429	23.6139	8.029	1
cg11972598	0.846082	0.967932	-1.03313	2.61426	1.16452	0.395955	1
cg04396772	0.335772	0.753018	-1.32799	2.61426	3.38179	1.14986	1
cg13475877	0.216692	0.425125	-2.35225	2.61424	17.9275	6.09567	1
cg03732263	0.747769	1.1478	1.1478	2.61422	7.55706	2.56955	1
cg24999883	0.955043	1.00782	1.00782	2.61419	0.790758	0.268877	1
cg12892506	0.0365667	0.0248884	-40.1793	2.61416	95.6873	32.5364	1
cg16971827	0.27394	0.681749	-1.46682	2.61416	4.68829	1.59415	1
cg16600634	0.103443	4.06331	4.06331	2.61412	25.657	8.72425	1
cg08062011	0.0227206	0.664516	-1.50486	2.61411	0.929972	0.316223	1
cg02726847	0.623284	1.10709	1.10709	2.61409	1.74806	0.594407	1
cg26503178	0.505722	0.61905	-1.61538	2.64353	18.7702	7.10043	1
cg16435879	0.601106	0.917156	-1.09033	2.61404	1.11266	0.378352	1
cg20548231	0.667826	0.79508	-1.25773	2.61403	11.6807	3.97197	1
cg11112931	0.362891	0.82572	-1.21106	2.614	1.73613	0.590369	1
cg11815363	0.0219479	1.36229	1.36229	2.614	0.523763	0.178105	1
cg01949614	0.0596552	1.31265	1.31265	2.614	0.678295	0.230654	1
cg03262077	0.589691	1.07803	1.07803	2.61398	0.788535	0.268143	1
cg01645401	0.123337	2.04496	2.04496	2.61397	7.60411	2.58581	1
cg04263115	0.0340027	0.349053	-2.86489	3.08808	5.83444	1.61944	1
cg02733842	0.0522379	0.635617	-1.57327	2.61392	1.74396	0.593052	1
cg20215290	0.241827	0.831279	-1.20297	2.61388	0.941908	0.32031	1
ch.11.91906385	0.233525	0.580941	-1.72135	2.64335	7.03587	2.66172	1
cg11614451	0.0870564	7.42255	7.42255	2.61387	46.589	15.8434	1
cg14560435	0.850083	0.972426	-1.02836	2.61385	0.903952	0.307406	1
cg25210134	0.279406	0.736844	-1.35714	2.61382	3.0528	1.03817	1
cg13342137	0.547018	1.32286	1.32286	2.61382	8.72534	2.96725	1
cg06751597	0.144506	1.84641	1.84641	2.61382	6.33683	2.15498	1
cg11083188	0.38155	1.06597	1.06597	2.61381	0.209779	0.0713403	1
cg14666354	0.652963	1.07167	1.07167	2.61381	0.968196	0.329258	1
cg17573270	0.0975896	1.59849	1.59849	2.61379	2.75652	0.937427	1
cg19116747	0.176536	1.31997	1.31997	2.61379	1.54556	0.52561	1
cg03992938	0.704256	1.04914	1.04914	2.61377	0.654974	0.222743	1
cg03878985	0.471388	2.5361	2.5361	2.61375	66.7947	22.7156	1
cg27213238	0.260573	0.677042	-1.47701	2.61373	4.57321	1.55528	1
cg23519637	0.875723	1.05721	1.05721	2.61372	5.23127	1.77908	1
cg20357538	0.0918668	0.661066	-1.51271	2.61369	2.05916	0.700301	1
cg03576422	0.229435	0.570161	-1.75389	2.61368	8.21613	2.79423	1
cg12912293	0.0388752	0.151322	-6.6084	2.61367	25.8114	8.77824	1
cg08054078	0.552598	1.19145	1.19145	2.61367	3.51931	1.19689	1
cg08110272	0.293542	0.448081	-2.23174	2.61365	22.4709	7.64221	1
cg01777403	0.598431	0.729941	-1.36997	2.84756	12.0139	4.21902	1
cg10700634	0.747612	1.32	1.32	2.61362	30.6075	10.4096	1
cg13773689	0.456386	1.22296	1.22296	2.61359	2.91435	0.991177	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21549333	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.0953942	0.460881	1.23134	1.23134	0.125483	0.631509	-1.58351	0.705809	1.11085	1.11085	0.905702	0.967684	-1.0334	0.376817	1.28581	1.28581	0.152339	1.52959	1.52959	0.0915133	0.597447	-1.67379	0.032702	1.99914	1.99914	0.0551887	1.82679	1.82679	2.61359	3.18063	1.08174	1
cg18873674	RRM1	0.0953992	0.0648531	0.609541	-1.64058	0.194964	0.72086	-1.38723	0.122512	0.670615	-1.49117	0.316681	0.781022	-1.28037	0.00714607	0.436312	-2.29194	0.174555	0.708357	-1.41172	0.73128	1.08579	1.08579	0.529342	0.858863	-1.16433	0.0398332	0.567027	-1.76359	2.61353	2.35961	0.802528	1
cg07950011	MSLNL	0.0953999	0.131455	1.75692	1.75692	0.982942	1.00743	1.00743	0.0389711	0.43732	-2.28665	0.117447	1.80126	1.80126	0.437121	0.760074	-1.31566	0.608677	0.83635	-1.19567	0.0730721	0.500648	-1.99741	0.111265	1.82282	1.82282	0.402293	1.34535	1.34535	2.61352	4.95777	1.6862	1
cg11964474	BRCA1;NBR2;BRCA1;BRCA1;BRCA1;BRCA1	0.0954007	0.00587364	1.94356	1.94356	0.474156	1.14358	1.14358	0.0214672	1.66397	1.66397	0.516911	1.12876	1.12876	0.284309	1.22753	1.22753	0.448116	1.15314	1.15314	0.0868383	1.41704	1.41704	0.907897	1.02156	1.02156	0.793608	0.952821	-1.04951	2.61351	1.40621	0.478271	1
cg21670987	ATP8B4	0.095401	0.0586608	0.485714	-2.05883	0.632131	0.849527	-1.17713	0.489286	0.788607	-1.26806	0.589272	1.20236	1.20236	0.00720403	0.309535	-3.23065	0.313551	0.702988	-1.4225	0.285601	1.45495	1.45495	0.265377	1.48058	1.48058	0.551906	0.815879	-1.22567	2.61351	4.73171	1.60932	1
cg23260525	FAM160B1	0.0954014	0.00695645	0.555676	-1.79961	0.0303026	0.651475	-1.53498	0.217784	0.803988	-1.2438	0.478344	0.885776	-1.12895	0.0438365	0.677158	-1.47676	0.357685	0.85285	-1.17254	0.929939	1.01491	1.01491	0.247879	0.816046	-1.22542	0.196152	0.794531	-1.2586	2.6135	1.17207	0.398639	1
cg01539849	SPI1;SPI1	0.0954039	0.130084	1.74979	1.74979	0.0427937	2.22077	2.22077	0.247666	1.5122	1.5122	0.0725216	1.98507	1.98507	0.152179	0.59164	-1.69022	0.375181	0.732391	-1.36539	0.799563	0.916621	-1.09096	0.153288	0.592597	-1.68749	0.212182	1.56778	1.56778	2.61348	4.84631	1.64832	1
cg26495575	APC2	0.095407	0.353252	1.44919	1.44919	0.683921	1.17232	1.17232	0.671851	0.847468	-1.17999	0.938264	1.03054	1.03054	0.0287663	0.367237	-2.72304	0.0834902	2.1046	2.1046	0.0294736	2.70703	2.70703	0.125397	1.90454	1.90454	0.844677	0.926642	-1.07917	2.61344	6.24473	2.12397	1
cg25428451	LOC339524;LOC339524;LOC339524;LOC339524;LOC339524	0.0954072	0.0534947	0.748595	-1.33584	0.103195	1.26534	1.26534	0.809487	1.0324	1.0324	0.182705	1.20526	1.20526	0.138025	0.809892	-1.23473	0.0599993	1.32332	1.32332	0.949299	0.991639	-1.00843	0.0897723	1.28009	1.28009	0.679937	1.0563	1.0563	2.61344	0.721524	0.245407	1
cg03903250	TMEM181	0.0954072	0.167634	1.53955	1.53955	0.0368168	0.490902	-2.03707	0.834602	0.940501	-1.06326	0.559081	1.18925	1.18925	0.049355	0.517839	-1.9311	0.359768	0.758629	-1.31817	0.0354075	0.487417	-2.05163	0.491829	0.814786	-1.22732	0.099574	0.588862	-1.69819	2.61344	3.56263	1.21173	1
cg06442736	PORCN;PORCN;PORCN;PORCN;PORCN	0.0954074	0.0846955	0.480003	-2.08332	0.0162179	0.322448	-3.10127	0.185583	0.58257	-1.71653	0.392987	1.4005	1.4005	0.0441747	0.410685	-2.43496	0.159082	0.560287	-1.7848	0.0915983	0.489175	-2.04426	0.0950353	0.493558	-2.02611	0.773759	0.89499	-1.11733	2.61343	6.13268	2.08586	1
cg15359916	FBXO9;FBXO9;FBXO9	0.0954077	0.70304	1.21419	1.21419	0.183876	0.489508	-2.04287	0.0542786	0.330655	-3.0243	0.721138	0.833927	-1.19915	0.011365	0.20075	-4.98132	0.090723	0.388945	-2.57106	0.17544	0.481872	-2.07524	0.218943	1.92539	1.92539	0.842436	0.904073	-1.10611	2.61343	10.6271	3.61452	1
cg19122948	CSNK1D;CSNK1D	0.0954174	0.0543524	0.668953	-1.49487	0.745645	1.06177	1.06177	0.0589611	0.675211	-1.48102	0.0153171	0.577999	-1.73011	0.378507	0.846721	-1.18103	0.0841231	0.703339	-1.42179	0.0554785	0.670524	-1.49137	0.928314	0.983566	-1.01671	0.115832	0.729969	-1.36992	2.61332	1.40355	0.477401	1
cg05488833	SDCCAG8	0.0954177	0.112371	0.69546	-1.4379	0.430936	1.18401	1.18401	0.101793	1.45694	1.45694	0.302645	0.799033	-1.25151	0.0147325	0.532217	-1.87893	0.8067	1.05286	1.05286	0.418578	1.18966	1.18966	0.553499	1.13421	1.13421	0.155688	0.72675	-1.37599	2.61331	1.82723	0.621511	1
cg10208368	AFF3;AFF3	0.0954178	0.354097	0.806597	-1.23978	0.0152321	0.510739	-1.95795	0.40506	0.825264	-1.21173	0.827451	0.951979	-1.05044	0.562464	1.14113	1.14113	0.940009	1.01711	1.01711	0.0211312	1.86835	1.86835	0.637213	1.11304	1.11304	0.319357	1.26111	1.26111	2.61331	2.1035	0.715482	1
cg03318573	NAA30	0.0954186	0.212293	0.71643	-1.39581	0.129721	0.658919	-1.51764	0.938909	1.01949	1.01949	0.531211	0.852119	-1.17355	0.290245	1.32044	1.32044	0.0732778	0.599538	-1.66795	0.0508189	1.7716	1.7716	0.0316392	0.521697	-1.91682	0.564538	0.863379	-1.15824	2.78382	2.73677	0.764632	1
cg20020161	ITM2C;ITM2C;ITM2C	0.0954187	0.0674592	0.45396	-2.20284	0.122183	0.524293	-1.90733	0.527758	1.27966	1.27966	0.289014	0.65427	-1.52842	0.0794956	0.472245	-2.11755	0.149329	0.551033	-1.81477	0.023097	0.35095	-2.8494	0.020165	0.339565	-2.94494	0.293436	0.656997	-1.52208	2.6133	6.14917	2.09158	1
cg18540871	FUCA2	0.0954201	0.149189	0.781249	-1.28	0.942426	0.988539	-1.01159	0.240956	1.21643	1.21643	0.111621	0.758398	-1.31857	0.510477	1.11242	1.11242	0.155496	1.27452	1.27452	0.0248379	0.652932	-1.53155	0.914095	1.01737	1.01737	0.106468	1.32489	1.32489	2.61329	1.05425	0.358594	1
cg17082719	SCRIB;SCRIB;MIR937	0.0954218	0.0788827	0.421342	-2.37337	0.033358	0.332396	-3.00846	0.132521	0.487248	-2.05234	0.308632	0.627046	-1.59478	0.00997652	0.236644	-4.22576	0.11245	0.465134	-2.14992	0.299383	0.621018	-1.61026	0.0882217	0.434628	-2.30082	0.0709424	0.40916	-2.44403	2.61327	8.12028	2.76207	1
cg22323778	SF3B1;SF3B1	0.095422	0.315784	0.758104	-1.31908	0.724981	1.0989	1.0989	0.0523286	1.80258	1.80258	0.0408506	0.532445	-1.87813	0.757509	1.08621	1.08621	0.923803	1.02587	1.02587	0.0282793	0.500849	-1.99661	0.18483	0.686943	-1.45572	0.305174	0.75314	-1.32777	2.61326	2.95055	1.00362	1
cg14326472	DENND1A;DENND1A	0.0954234	0.0705058	0.273197	-3.66037	0.627349	1.36894	1.36894	0.248228	0.460775	-2.17026	0.0655612	0.265368	-3.76835	0.015889	0.150188	-6.65834	0.0762429	0.281893	-3.54745	0.0825026	0.290965	-3.43684	0.140734	0.361636	-2.76521	0.0776989	0.28404	-3.52064	2.61325	17.0544	5.801	1
cg06233552	RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;NUP88;RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPA	0.0954254	0.715485	1.06288	1.06288	0.0653472	1.41147	1.41147	0.271744	0.826464	-1.20997	0.351491	1.17321	1.17321	0.0958294	0.737319	-1.35626	0.169257	0.783515	-1.2763	0.0912664	0.733559	-1.36322	0.302282	1.19486	1.19486	0.104388	1.34412	1.34412	2.61322	1.14866	0.390716	1
cg08972170	C7orf41	0.0954257	0.191013	2.31452	2.31452	0.231235	0.467123	-2.14076	0.196028	0.436601	-2.29042	0.0483885	3.92385	3.92385	0.86803	0.904114	-1.10605	0.570144	1.41601	1.41601	0.845152	1.12583	1.12583	0.0119241	6.69877	6.69877	0.320876	1.86203	1.86203	2.61322	15.2056	5.17221	1
cg17279265	C19orf40	0.0954269	0.0624678	0.484301	-2.06483	0.042275	2.24547	2.24547	0.736285	1.12399	1.12399	0.351762	0.717936	-1.39288	0.109696	0.547168	-1.82759	0.779904	0.907672	-1.10172	0.0620845	0.483661	-2.06756	0.210438	1.57829	1.57829	0.703751	1.14124	1.14124	2.61321	4.94891	1.68338	1
cg22608534	CHADL	0.0954271	0.687159	1.25349	1.25349	0.72621	1.21677	1.21677	0.725318	0.821297	-1.21759	0.154021	2.34353	2.34353	0.372592	1.66672	1.66672	0.0597921	3.2718	3.2718	0.00614697	7.35171	7.35171	0.0493143	3.49777	3.49777	0.14376	2.40273	2.40273	2.6132	12.8901	4.38462	1
cg21053529	GJD2	0.0954283	0.910039	0.979697	-1.02072	0.225637	0.793797	-1.25977	0.50512	1.13058	1.13058	0.769346	0.948037	-1.05481	0.0649181	1.4567	1.4567	0.278375	0.815011	-1.22698	0.0805917	1.42146	1.42146	0.101684	1.38427	1.38427	0.0226104	1.64122	1.64122	2.61319	1.36307	0.463655	1
cg20783699	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.0954294	0.181034	2.71074	2.71074	0.00816453	10.7753	10.7753	0.0314151	5.88501	5.88501	0.418583	1.78677	1.78677	0.273343	2.22667	2.22667	0.135769	3.09226	3.09226	0.0323667	5.80861	5.80861	0.159492	2.87385	2.87385	0.455938	1.7044	1.7044	2.61318	20.4081	6.94193	1
cg20250162	S1PR2	0.0954307	0.719418	0.916585	-1.09101	0.926814	0.978062	-1.02243	0.117926	1.50672	1.50672	0.00874231	2.24008	2.24008	0.137697	1.47104	1.47104	0.562609	1.15181	1.15181	0.537172	1.16285	1.16285	0.777428	0.933863	-1.07082	0.0786486	0.62401	-1.60254	2.61316	2.41276	0.820721	1
cg01247454	COL5A2	0.0954337	0.160634	0.455018	-2.19772	0.00550285	0.14698	-6.80364	0.235255	0.520166	-1.92246	0.515052	0.706921	-1.41459	0.0590325	0.326235	-3.06528	0.273903	0.549798	-1.81885	0.0276303	0.254542	-3.92863	0.288203	0.560273	-1.78485	0.591013	0.751997	-1.32979	2.61313	11.425	3.88638	1
cg15952216	MXI1;MXI1	0.0954355	0.0575967	0.85007	-1.17637	0.575743	0.958131	-1.0437	0.70729	1.02895	1.02895	0.0219595	0.812277	-1.23111	0.684838	1.03135	1.03135	0.578943	0.958481	-1.04332	0.053507	0.847133	-1.18045	0.0819143	1.157	1.157	0.889844	0.989571	-1.01054	2.61311	0.236845	0.0805665	1
cg07406296	ORAI3	0.0954402	0.149493	1.17931	1.17931	0.0547679	1.26173	1.26173	0.144677	1.18198	1.18198	0.694997	0.95882	-1.04295	0.61189	0.94686	-1.05612	0.0947166	1.21652	1.21652	0.0661969	0.802591	-1.24597	0.321566	0.896473	-1.11548	0.253831	0.880585	-1.13561	2.61305	0.471324	0.160332	1
cg04396409	GEFT;GEFT;GEFT	0.0954404	0.494261	0.896135	-1.1159	0.0221518	0.648339	-1.5424	0.0796258	0.735392	-1.35982	0.0359476	0.680112	-1.47035	0.172551	0.795043	-1.25779	0.0829204	0.738346	-1.35438	0.0627716	0.718362	-1.39205	0.389806	1.14938	1.14938	0.238855	0.822927	-1.21517	2.61305	1.03296	0.351384	1
cg16719228	RAB22A;PPP4R1L	0.0954446	0.0259353	1.61877	1.61877	0.408876	1.16636	1.16636	0.0682062	1.45067	1.45067	0.323986	1.20391	1.20391	0.531665	1.12235	1.12235	0.0329536	1.57524	1.57524	0.135933	0.746212	-1.3401	0.274221	1.23032	1.23032	0.102753	1.38435	1.38435	2.613	1.37359	0.467266	1
cg11610346	PENK	0.0954459	0.410006	0.853753	-1.1713	0.0582347	1.4943	1.4943	0.0505804	1.51905	1.51905	0.968725	1.00738	1.00738	0.123616	0.731272	-1.36748	0.144177	0.744967	-1.34234	0.0925762	0.706561	-1.41531	0.281071	0.810387	-1.23398	0.618118	0.909997	-1.09891	2.61298	1.45737	0.495771	1
cg26142490	ABI1;ABI1;ABI1;ABI1	0.0954469	0.101827	0.325457	-3.0726	0.157356	2.57996	2.57996	0.0536028	3.95047	3.95047	0.169624	0.399718	-2.50177	0.260029	0.478834	-2.08841	0.621465	1.36611	1.36611	0.647887	1.33403	1.33403	0.693935	0.78044	-1.28133	0.0376193	0.220538	-4.53437	2.61297	16.2582	5.53076	1
cg20005057	GABARAPL1	0.0954481	0.0898316	0.436762	-2.28958	0.234973	1.73579	1.73579	0.486047	0.73083	-1.36831	0.790937	0.88896	-1.12491	0.0231627	0.300383	-3.32909	0.181344	0.533323	-1.87504	0.0148533	0.265142	-3.77156	0.234595	0.575824	-1.73664	0.310098	0.627946	-1.59249	2.61296	8.12192	2.76296	1
cg27121959	PGR	0.0954494	0.0392209	0.346225	-2.88829	0.551717	0.765144	-1.30694	0.253955	0.588838	-1.69826	0.304282	0.623147	-1.60476	0.00970755	0.233538	-4.28196	0.0451308	0.359909	-2.77848	0.248392	0.58484	-1.70987	0.0333763	0.331111	-3.02014	0.317535	0.63171	-1.583	2.61294	8.17876	2.78231	1
cg20641545	ATP2B1;ATP2B1	0.0954513	0.522863	0.767373	-1.30315	0.486655	0.749008	-1.3351	0.994618	1.00276	1.00276	0.334372	1.50245	1.50245	0.0292234	0.349759	-2.85911	0.0679562	0.433481	-2.30691	0.869933	1.0693	1.0693	0.0231708	3.03428	3.03428	0.909688	1.04749	1.04749	2.61292	6.91886	2.35373	1
cg24107899	PARK2;PARK2;PARK2	0.0954523	0.372478	0.790988	-1.26424	0.104764	0.635071	-1.57463	0.295698	0.757533	-1.32007	0.854614	1.04809	1.04809	0.0362785	0.536118	-1.86526	0.918948	0.974271	-1.02641	0.896516	0.967226	-1.03388	0.0146974	2.15779	2.15779	0.4376	0.816462	-1.2248	2.61291	2.71382	0.923216	1
cg11613741	KIAA0408;C6orf174;KIAA0408	0.0954524	0.0791557	0.366687	-2.72712	0.0502603	0.317029	-3.15428	0.0155516	0.217137	-4.60539	0.243105	0.533285	-1.87517	0.0393031	0.293061	-3.41225	0.159267	0.461047	-2.16898	0.0436332	0.303022	-3.30009	0.662459	0.797653	-1.25368	0.904061	0.939822	-1.06403	2.61291	10.9635	3.7297	1
cg18350792	TRAFD1;TRAFD1;TRAFD1	0.0954549	0.374706	1.08622	1.08622	0.0894536	1.18528	1.18528	0.0562656	1.21681	1.21681	0.379904	1.0852	1.0852	0.00599494	1.38544	1.38544	0.936578	0.992802	-1.00725	0.7132	1.03408	1.03408	0.0655747	1.20634	1.20634	0.120015	1.16545	1.16545	2.61288	0.340993	0.116004	1
cg12014333	TRMT1;NACC1;TRMT1;TRMT1	0.0954564	0.139963	0.582757	-1.71598	0.23934	0.657715	-1.52041	0.273382	0.678687	-1.47343	0.418004	0.754714	-1.325	0.343934	0.717843	-1.39306	0.123511	0.567067	-1.76346	0.0131433	0.351481	-2.8451	0.0136782	0.35456	-2.8204	0.0438809	0.454954	-2.19802	2.61286	4.78469	1.62774	1
cg14120583	SHC2	0.095458	0.29352	0.608206	-1.64418	0.470426	0.715282	-1.39805	0.180091	1.91483	1.91483	0.546342	1.32127	1.32127	0.0402624	0.339143	-2.94861	0.548504	0.758011	-1.31924	0.244949	1.74198	1.74198	0.183684	1.90345	1.90345	0.0281749	0.306409	-3.26361	2.61284	8.61753	2.93168	1
cg06339542	GAS7	0.0954614	0.69091	0.826616	-1.20975	0.370832	0.645445	-1.54932	0.906572	0.945598	-1.05753	0.565578	0.758262	-1.31881	0.0916509	0.412771	-2.42265	0.0032782	0.148197	-6.74778	0.231149	1.81923	1.81923	0.95748	0.974918	-1.02573	0.891235	0.936895	-1.06736	2.6128	9.3931	3.19558	1
cg07440264	CD59;CD59;CD59;CD59;CD59;CD59;CD59;CD59	0.0954629	0.935166	0.958097	-1.04374	0.0169668	4.62717	4.62717	0.152518	2.23957	2.23957	0.249571	0.530922	-1.88351	0.766247	1.16983	1.16983	0.313108	1.73144	1.73144	0.370279	0.61626	-1.62269	0.682316	1.24176	1.24176	0.0410772	0.289326	-3.4563	2.61279	11.4555	3.89723	1
cg19263124	FAM189A1	0.0954665	0.64044	1.2556	1.2556	0.6126	1.28027	1.28027	0.64772	1.24932	1.24932	0.20543	1.9086	1.9086	0.00360156	0.148528	-6.73274	0.756132	0.860077	-1.16269	0.283599	1.71433	1.71433	0.827342	1.11148	1.11148	0.48596	1.40854	1.40854	2.61274	9.68753	3.29582	1
cg17568996	NFAM1	0.0954685	0.0514053	0.142002	-7.04217	0.268861	0.362952	-2.75518	0.591458	1.61098	1.61098	0.100763	0.205562	-4.86471	0.0223002	0.0897881	-11.1373	0.652163	0.670759	-1.49085	0.015724	0.0738914	-13.5334	0.130141	0.237212	-4.21563	0.37161	0.446031	-2.242	2.61272	32.0511	10.9043	1
cg27579121	USP49	0.0954702	0.0330397	0.161027	-6.21015	0.121846	0.292696	-3.41651	0.213207	0.382738	-2.61275	0.151725	0.324584	-3.08086	0.0290993	0.151945	-6.58133	0.243159	0.408698	-2.4468	0.0132172	0.105375	-9.48992	0.113675	0.283367	-3.52899	0.115348	0.285302	-3.50505	2.6127	22.2111	7.55663	1
cg00156756	RASGRP2;RASGRP2;RASGRP2	0.0954705	0.500625	0.918644	-1.08856	0.519385	0.922127	-1.08445	0.149139	1.2117	1.2117	0.342988	0.885798	-1.12892	0.136148	0.81928	-1.22058	0.184646	0.839749	-1.19083	0.359919	1.12394	1.12394	0.0127625	0.681103	-1.46821	0.204323	1.18089	1.18089	2.6127	0.637559	0.21691	1
cg06398150	LMF1	0.0954707	0.177565	1.75297	1.75297	0.410864	1.39017	1.39017	0.899477	0.951699	-1.05075	0.294561	1.5309	1.5309	?	?	?	0.203518	1.69176	1.69176	0.00273053	5.05604	5.05604	0.425778	1.37518	1.37518	0.618456	1.21736	1.21736	2.64215	5.70789	2.16032	1
cg19216839	FANCA;FANCA	0.0954715	0.658575	1.05436	1.05436	0.245916	1.15542	1.15542	0.109002	1.23129	1.23129	0.376793	1.11401	1.11401	0.102199	1.23729	1.23729	0.0484463	0.7646	-1.30787	0.785631	1.03299	1.03299	0.43326	0.909197	-1.09987	0.0232447	1.38115	1.38115	2.61268	0.586393	0.199503	1
cg14085262	CHI3L1	0.0954751	0.0249177	0.222807	-4.48819	0.553228	1.40134	1.40134	0.814399	1.14144	1.14144	0.425145	0.632437	-1.58118	0.184311	0.452837	-2.2083	0.880042	1.08867	1.08867	0.0160547	0.190564	-5.24759	0.520177	1.44299	1.44299	0.0626978	0.307813	-3.24873	2.61264	13.0953	4.45536	1
cg15630645	TRPV4;TRPV4	0.0954765	0.125678	0.526802	-1.89825	0.821028	0.916095	-1.09159	0.244409	1.60157	1.60157	0.141045	0.542121	-1.84461	0.0062066	0.251575	-3.97497	0.61487	0.821841	-1.21678	0.174868	0.572302	-1.74733	0.410851	1.38438	1.38438	0.979113	0.989926	-1.01018	2.61263	6.18946	2.10583	1
cg09473726	UNC84B	0.095481	0.881892	0.971995	-1.02881	0.971707	0.993247	-1.0068	0.300284	0.814582	-1.22762	0.195408	0.769795	-1.29905	0.0397288	1.5751	1.5751	0.177419	1.31505	1.31505	0.075718	0.685434	-1.45893	0.0714175	0.680672	-1.46914	0.271286	1.2446	1.2446	2.61257	1.51044	0.513904	1
cg00713939	NAPRT1	0.0954834	0.0954266	5.49767	5.49767	0.637719	1.55471	1.55471	0.659755	1.51013	1.51013	0.108365	0.196007	-5.10185	0.280127	2.84215	2.84215	0.200856	0.284525	-3.51463	0.0179235	14.5342	14.5342	0.387297	0.438472	-2.28065	0.200617	3.51724	3.51724	2.61255	35.8163	12.1861	1
cg25479306	VPS37C	0.0954835	0.931516	1.03836	1.03836	0.324529	0.640443	-1.56142	0.463029	1.38703	1.38703	0.76787	0.878417	-1.13841	0.334339	0.646565	-1.54663	0.00489313	0.195273	-5.12103	0.372617	1.49315	1.49315	0.306021	0.628657	-1.59069	0.167353	1.90528	1.90528	2.61254	7.93681	2.70041	1
cg26864174	NPHS1	0.0954841	0.183936	0.510668	-1.95822	0.835821	1.104	1.104	0.175402	0.503082	-1.98775	0.119191	0.446546	-2.23941	0.183388	0.510187	-1.96007	0.138984	0.468007	-2.13672	0.00383429	0.155951	-6.41227	0.134393	0.463207	-2.15886	0.210159	0.532805	-1.87686	2.61254	9.40498	3.19995	1
cg13320114	HIST1H2AE;HIST1H2BG	0.0954858	0.473505	0.807813	-1.23791	0.0749229	1.78725	1.78725	0.0729902	1.7958	1.7958	0.393027	0.77402	-1.29196	0.10446	0.594771	-1.68132	0.145045	1.58117	1.58117	0.126265	1.623	1.623	0.0706928	1.80632	1.80632	0.870276	0.953279	-1.04901	2.61252	3.54625	1.20659	1
cg11762595	NLRC4	0.0954872	0.0573672	0.164674	-6.0726	0.0932102	0.212354	-4.70911	0.123998	0.247155	-4.04604	0.247361	0.362449	-2.75901	0.0491286	0.151893	-6.58357	0.110022	0.23186	-4.31295	0.0161761	0.0847022	-11.8061	0.033158	0.123732	-8.08199	0.157842	0.281645	-3.55057	2.6125	29.1317	9.91191	1
cg04413147	FTCD;FTCD	0.0954912	0.322395	0.657329	-1.52131	0.331768	0.662984	-1.50833	0.0111404	0.270897	-3.69144	0.517339	0.763809	-1.30923	0.0388106	0.374568	-2.66974	0.282115	0.632054	-1.58214	0.563983	1.27049	1.27049	0.117908	2.00756	2.00756	0.828477	0.914792	-1.09314	2.61245	6.97073	2.3718	1
cg00331210	NARFL	0.0954925	0.97272	0.994002	-1.00603	0.0150498	1.69162	1.69162	0.0149934	1.69234	1.69234	0.905262	1.02117	1.02117	0.180334	1.2844	1.2844	0.789212	0.953955	-1.04827	0.0737606	1.42001	1.42001	0.200097	1.26886	1.26886	0.83203	0.963323	-1.03807	2.61244	1.28059	0.435722	1
cg09802076	SLC6A15;SLC6A15;SLC6A15	0.0954958	0.742192	0.819706	-1.21995	0.00554402	8.97899	8.97899	0.0500308	3.84156	3.84156	0.56179	1.42376	1.42376	0.288383	0.514888	-1.94217	0.261044	2.02579	2.02579	0.505651	0.6658	-1.50195	0.805527	1.16017	1.16017	0.8025	1.16292	1.16292	2.6124	15.0077	5.10648	1
cg20964589	HSD17B4	0.0954961	0.164617	0.793172	-1.26076	0.944976	0.989271	-1.01085	0.274292	1.19456	1.19456	0.750671	0.951399	-1.05108	0.00709563	0.580632	-1.72226	0.290585	0.842477	-1.18698	0.293608	0.843446	-1.18561	0.209258	1.22978	1.22978	0.339781	1.16621	1.16621	2.6124	1.01057	0.343853	1
cg06976533	PRDM16;PRDM16	0.0954993	0.705111	1.22202	1.22202	0.00568076	6.77494	6.77494	0.0276857	3.94608	3.94608	0.0434686	3.40262	3.40262	0.704392	1.22265	1.22265	0.273967	1.82275	1.82275	0.386201	1.59754	1.59754	0.260013	1.85822	1.85822	0.4149	1.55194	1.55194	2.61236	11.5069	3.91537	1
cg04467611	SAC3D1	0.0955033	0.662109	0.949024	-1.05371	0.120529	1.22184	1.22184	0.814262	1.0284	1.0284	0.25566	0.868321	-1.15165	0.572699	0.934428	-1.07017	0.368834	0.895994	-1.11608	0.00359084	0.625505	-1.59871	0.993293	0.999	-1.001	0.441108	0.910768	-1.09797	2.61231	0.585732	0.199306	1
cg22656964	RHEB	0.0955034	0.0758114	0.756575	-1.32175	0.987035	1.0023	1.0023	0.0336438	1.41945	1.41945	0.157397	0.807808	-1.23792	0.0216518	0.677581	-1.47584	0.474161	0.90235	-1.10822	0.969304	1.00545	1.00545	0.944601	1.00986	1.00986	0.633586	1.07014	1.07014	2.61231	0.824448	0.280534	1
cg13976366	TRIM21;TRIM21	0.0955044	0.140983	1.84499	1.84499	0.0816435	0.474035	-2.10955	0.319377	0.671631	-1.48891	0.990287	0.995303	-1.00472	0.70758	0.864363	-1.15692	0.652153	0.839015	-1.19187	0.773111	0.894205	-1.11831	0.581371	0.806203	-1.24038	0.00748478	3.7879	3.7879	2.6123	6.19062	2.10649	1
cg06338562	ELMO1	0.0955069	0.0424308	1.32218	1.32218	0.194725	0.848804	-1.17813	0.939517	0.990972	-1.00911	0.940366	1.00898	1.00898	0.0357616	0.746777	-1.33909	0.24483	0.864686	-1.15649	0.0337453	0.743559	-1.34488	0.753188	0.963005	-1.03842	0.638098	1.05825	1.05825	2.61227	0.590869	0.201058	1
cg01069182	KIAA1244	0.0955077	0.775476	1.05704	1.05704	0.0306901	1.63632	1.63632	0.180243	1.3179	1.3179	0.108585	1.40428	1.40428	0.850784	0.964127	-1.03721	0.554226	1.12306	1.12306	0.0163121	1.76769	1.76769	0.131058	0.728871	-1.37198	0.456216	1.15859	1.15859	2.61226	1.55684	0.529756	1
cg01760756	ZNF727	0.0955079	0.550692	1.29431	1.29431	0.0326761	0.343683	-2.90966	0.0309372	0.338711	-2.95237	0.532764	0.763399	-1.30993	0.0747681	0.428231	-2.33519	0.0829798	0.440321	-2.27107	0.0453417	0.374939	-2.6671	0.101049	0.464252	-2.154	0.191643	0.553955	-1.8052	2.61226	7.55403	2.57046	1
cg12459706	BRD2;BRD2	0.0955091	0.21757	0.728636	-1.37243	0.253802	1.33755	1.33755	0.273324	0.757125	-1.32079	0.21732	1.37269	1.37269	0.0468148	0.573814	-1.74273	0.431356	0.822011	-1.21653	0.021107	1.96766	1.96766	0.666993	1.11143	1.11143	0.752411	1.0803	1.0803	2.61224	2.46422	0.838518	1
cg01342226	MAML3	0.0955096	0.229054	0.805008	-1.24222	0.700523	1.06866	1.06866	0.00697804	0.548996	-1.82151	0.132523	0.756593	-1.32171	0.934342	1.01426	1.01426	0.245068	1.23238	1.23238	0.134014	0.757528	-1.32008	0.877767	1.0268	1.0268	0.396679	1.16084	1.16084	2.61224	1.22168	0.415712	1
cg22743261	UBE2CBP	0.095511	0.0540094	0.779567	-1.28276	0.122564	1.20986	1.20986	0.321957	1.12355	1.12355	0.964893	1.00502	1.00502	0.643194	1.05455	1.05455	0.19792	1.16758	1.16758	0.10197	0.815625	-1.22605	0.480482	1.08508	1.08508	0.0416271	0.765346	-1.3066	2.61222	0.536289	0.182489	1
cg16420247	HPCAL1;HPCAL1	0.0955121	0.114491	1.34591	1.34591	0.577625	0.907237	-1.10225	0.667632	1.07762	1.07762	0.162378	0.772493	-1.29451	0.00656412	0.542816	-1.84224	0.345791	1.18297	1.18297	0.922015	0.983197	-1.01709	0.387264	1.16575	1.16575	0.750057	1.05687	1.05687	2.61221	1.23902	0.421615	1
cg06055845	MIR641;AKT2	0.0955121	0.361118	0.600271	-1.66591	0.0268568	4.1597	4.1597	0.0892606	2.76965	2.76965	0.315009	1.75917	1.75917	0.339865	0.585802	-1.70706	0.914921	0.943558	-1.05982	0.218306	0.494618	-2.02176	0.0349584	3.80374	3.80374	0.938103	0.958657	-1.04313	2.61221	12.2276	4.16084	1
cg07941680	BNC2	0.0955138	0.17982	0.542944	-1.84181	0.0242986	0.316315	-3.16141	0.854959	0.924549	-1.08161	0.282027	0.61922	-1.61494	0.0801414	0.435036	-2.29866	0.121872	0.487287	-2.05218	0.0178966	0.291196	-3.43412	0.029795	0.33411	-2.99303	0.193395	0.554303	-1.80407	2.61219	7.60431	2.58763	1
cg18919024	HLA-C	0.0955142	0.00650251	0.251675	-3.97337	0.299815	0.657622	-1.52063	0.633558	0.829163	-1.20604	0.151229	0.548867	-1.82194	0.0350909	0.383796	-2.60555	0.160113	0.556881	-1.79572	0.129072	0.527422	-1.89602	0.499306	1.3067	1.3067	0.442701	0.736899	-1.35704	2.61219	6.2947	2.14199	1
cg16068808	ESYT2	0.0955154	0.0244703	0.169496	-5.89984	0.0850018	0.283317	-3.52962	0.356867	0.533919	-1.87294	0.143377	0.352992	-2.83292	0.139102	0.348456	-2.86981	0.823136	0.86222	-1.1598	0.0169625	0.145408	-6.87719	0.482538	1.6042	1.6042	0.0899211	0.290017	-3.44807	2.61217	18.1419	6.17347	1
cg19769521	IQSEC1	0.0955209	0.00982765	0.349486	-2.86134	0.690308	0.878962	-1.13771	0.863049	0.945902	-1.05719	0.606376	0.845838	-1.18226	0.616969	0.850069	-1.17638	0.476729	1.26248	1.26248	0.271406	1.44604	1.44604	0.0631053	0.509973	-1.96089	0.0441877	0.474874	-2.10582	2.61211	4.29296	1.46088	1
cg06772580	TP53I13	0.0955227	0.461957	1.32331	1.32331	0.329983	1.45653	1.45653	0.334917	1.45063	1.45063	0.234172	1.59446	1.59446	0.00410849	4.22104	4.22104	0.237962	1.58791	1.58791	0.303709	1.48958	1.48958	0.953082	1.02225	1.02225	0.0215899	2.80703	2.80703	2.61209	5.78919	1.97005	1
cg06411434	WDR90	0.0955228	0.637987	1.07791	1.07791	0.649296	1.07516	1.07516	0.0899463	1.34429	1.34429	0.402984	0.873299	-1.14508	0.195844	1.24176	1.24176	0.0174084	0.632347	-1.58141	0.330971	0.853179	-1.17209	0.238539	1.21582	1.21582	0.126882	1.2987	1.2987	2.61209	1.03664	0.352767	1
cg19925204	EMX2;EMX2	0.0955233	0.170458	0.133158	-7.50986	0.229956	0.175579	-5.69543	0.187196	0.145033	-6.89497	0.147363	0.116792	-8.56222	0.0172654	0.0182035	-54.9344	0.0964375	0.0803844	-12.4402	0.0177639	0.0186639	-53.5793	0.466015	0.358933	-2.78604	0.0310614	0.0303224	-32.9789	2.61208	78.9179	26.8557	1
cg10041950	DIP2C	0.095526	0.131604	0.646056	-1.54785	0.151195	1.51109	1.51109	0.684675	0.896208	-1.11581	0.0103255	0.42009	-2.38044	0.0360031	0.519615	-1.9245	0.393531	0.790898	-1.26439	0.799113	1.07085	1.07085	0.323029	0.760347	-1.31519	0.552136	0.850914	-1.17521	2.61205	2.98026	1.01419	1
cg03888365	ZHX2	0.0955269	0.868809	0.975107	-1.02553	0.785417	0.959237	-1.0425	0.78263	0.958703	-1.04308	0.266623	0.8382	-1.19303	0.00351083	1.82895	1.82895	0.305969	0.850752	-1.17543	0.880798	0.977377	-1.02315	0.338963	1.16218	1.16218	0.326766	1.16694	1.16694	2.61204	0.962008	0.327376	1
cg03646674	TRIM46;KRTCAP2	0.0955286	0.893478	0.976957	-1.02359	0.0291021	0.639216	-1.56442	0.0139389	1.6964	1.6964	0.994985	1.00109	1.00109	0.771147	0.950514	-1.05206	0.242619	1.23712	1.23712	0.119486	1.34176	1.34176	0.993457	1.00143	1.00143	0.617773	1.09149	1.09149	2.61202	1.25262	0.426275	1
cg09204108	EHD4	0.0955316	0.411825	1.12665	1.12665	0.672334	1.06232	1.06232	0.647804	1.06754	1.06754	0.874464	0.977782	-1.02272	0.156491	1.24035	1.24035	0.0111739	1.57127	1.57127	0.00717305	1.6377	1.6377	0.601424	1.07777	1.07777	0.894642	1.01901	1.01901	2.61198	0.835397	0.284296	1
cg10007182	FOXK1	0.0955318	0.922681	1.01736	1.01736	0.471847	1.13856	1.13856	0.739307	0.942505	-1.061	0.365489	0.84801	-1.17923	0.936705	0.986016	-1.01418	0.0358419	1.54183	1.54183	0.0132559	1.72331	1.72331	0.945282	0.987904	-1.01224	0.0904686	0.718382	-1.39202	2.61198	1.30054	0.44259	1
cg03719380	AMIGO3;RNF123	0.0955321	0.059243	0.694042	-1.44083	0.234439	0.80756	-1.2383	0.738044	0.944064	-1.05925	0.327829	0.840959	-1.18912	0.00446441	0.52187	-1.91619	0.235016	0.807793	-1.23794	0.0961172	0.730983	-1.36802	0.522714	1.1175	1.1175	0.496735	0.888399	-1.12562	2.61198	1.21658	0.414017	1
cg04260676	GNB1	0.0955322	0.209382	1.33024	1.33024	0.0117544	1.97142	1.97142	0.0344739	1.70214	1.70214	0.094956	1.48552	1.48552	0.126915	1.4277	1.4277	0.644645	1.10535	1.10535	0.152114	1.3922	1.3922	0.0443588	1.64557	1.64557	0.909661	0.975816	-1.02478	2.61198	1.92431	0.654866	1
cg05552569	HEXB	0.0955333	0.0656938	0.435769	-2.29479	0.0217355	3.02803	3.02803	0.659081	0.836476	-1.19549	0.225033	1.66943	1.66943	0.706518	1.16431	1.16431	0.821407	1.09519	1.09519	0.165594	0.551719	-1.81252	0.474782	1.33952	1.33952	0.0977303	0.481587	-2.07647	2.61196	6.69077	2.27697	1
cg06350524	SPC25	0.0955333	0.386895	0.903873	-1.10635	0.971891	1.00402	1.00402	0.216943	0.862401	-1.15955	0.0807765	0.801991	-1.2469	0.264311	0.875833	-1.14177	0.0171747	0.71828	-1.39221	0.0678365	0.792094	-1.26248	0.319414	0.889366	-1.1244	0.0901026	1.2372	1.2372	2.61196	0.537135	0.182795	1
cg05455876	TRAF7	0.0955344	0.383858	1.26013	1.26013	0.536689	1.17586	1.17586	0.624388	0.880041	-1.13631	0.107799	0.634821	-1.57525	0.148858	0.669718	-1.49317	0.0513657	0.563027	-1.77611	0.0725143	1.68016	1.68016	0.0667318	0.587251	-1.70285	0.44859	1.22137	1.22137	2.61195	2.77381	0.943973	1
cg15562947	ZNF815	0.0955356	0.674993	0.827638	-1.20826	0.266674	1.68061	1.68061	0.580872	0.778674	-1.28424	0.139569	0.490068	-2.04053	0.408743	0.684519	-1.46088	0.0170983	0.271455	-3.68386	0.219482	0.560313	-1.78472	0.0111566	0.240037	-4.16603	0.704197	0.842725	-1.18663	2.61194	8.3249	2.83311	1
cg04382250	C20orf196	0.0955357	0.537067	1.07526	1.07526	0.113387	0.818724	-1.22141	0.982538	0.997462	-1.00254	0.941729	1.00852	1.00852	0.189011	1.17533	1.17533	0.0712846	1.26349	1.26349	0.0100664	1.45799	1.45799	0.304865	0.88395	-1.13129	0.616383	1.06039	1.06039	2.61193	0.557551	0.189745	1
cg12889538	PRKAG2;PRKAG2;PRKAG2	0.0955364	0.198517	2.12948	2.12948	0.00366868	8.89274	8.89274	0.144913	2.38905	2.38905	0.256917	1.93133	1.93133	0.891162	0.92667	-1.07913	0.334464	1.73972	1.73972	0.48298	0.672599	-1.48677	0.483529	1.48601	1.48601	0.112294	2.6163	2.6163	2.61193	12.8006	4.35628	1
cg08095532	PSMA4;PSMA4;PSMA4	0.0955369	0.31012	1.27474	1.27474	0.00827085	2.18253	2.18253	0.019623	1.91869	1.91869	0.892186	1.03184	1.03184	0.603825	1.12862	1.12862	0.451083	1.19419	1.19419	0.0459024	1.697	1.697	0.963182	1.01073	1.01073	0.97963	0.994116	-1.00592	2.61192	2.20986	0.752058	1
cg01606770	PTBP2	0.095539	0.0182616	1.74349	1.74349	0.48178	1.14882	1.14882	0.527686	1.13219	1.13219	0.106845	1.40719	1.40719	0.2882	0.807392	-1.23856	0.075983	0.681707	-1.46691	0.764773	1.05995	1.05995	0.170159	0.753165	-1.32773	0.543594	0.887552	-1.12669	2.6119	1.5574	0.530019	1
cg08136747	PGPEP1	0.0955399	0.681967	1.0576	1.0576	0.0876972	0.773987	-1.29201	0.00633908	0.616898	-1.62101	0.373831	1.13211	1.13211	0.55616	0.922277	-1.08427	0.453732	1.1093	1.1093	0.327776	1.14717	1.14717	0.668682	1.06026	1.06026	0.413156	1.12043	1.12043	2.61189	0.764204	0.260078	1
cg23155118	RP9P	0.0955414	0.198914	0.681589	-1.46716	0.61523	1.15385	1.15385	0.576848	0.852841	-1.17255	0.0173259	0.441125	-2.26693	0.173548	0.664394	-1.50513	0.00680606	0.371532	-2.69156	0.48336	0.817791	-1.22281	0.990287	1.00344	1.00344	0.531128	0.835986	-1.19619	2.61187	3.29849	1.12257	1
cg00206161	TCF25	0.0955419	0.0110833	0.209543	-4.77228	0.482166	1.41977	1.41977	0.335794	1.62739	1.62739	0.122951	2.27046	2.27046	0.725763	1.18862	1.18862	0.0941958	0.405427	-2.46654	0.742217	1.1758	1.1758	0.273143	1.74994	1.74994	0.470621	0.697599	-1.43349	2.61186	9.95849	3.38915	1
cg04809622	STAT5B	0.095546	0.0141834	2.69413	2.69413	0.720831	0.889122	-1.1247	0.672876	0.870157	-1.14922	0.177887	1.59824	1.59824	0.454664	1.28328	1.28328	0.55448	0.822168	-1.2163	0.0127368	2.75586	2.75586	0.610544	0.845166	-1.1832	0.687875	1.14141	1.14141	2.61181	4.43705	1.51008	1
cg12074981	KIAA1632	0.0955466	0.796481	0.96636	-1.03481	0.907713	0.984763	-1.01547	0.189445	1.20206	1.20206	0.522557	0.917775	-1.08959	0.819971	0.97027	-1.03064	0.762166	1.04101	1.04101	0.156631	0.818236	-1.22214	0.175721	0.826439	-1.21001	0.005877	1.61171	1.61171	2.61181	0.725138	0.24679	1
cg06327965	LYPD5;LYPD5	0.095548	0.0569548	3.6146	3.6146	0.0165247	5.73639	5.73639	0.900026	1.07785	1.07785	0.686854	1.27346	1.27346	0.172516	0.420602	-2.37754	0.654174	1.30862	1.30862	0.16479	0.413127	-2.42056	0.0923956	3.01871	3.01871	0.775988	1.18551	1.18551	2.61179	14.7185	5.00924	1
cg00387357	DOK7;DOK7	0.0955484	0.0284073	0.512526	-1.95112	0.341944	1.28789	1.28789	0.978552	0.993078	-1.00697	0.111267	0.638753	-1.56555	0.0333858	0.526046	-1.90098	0.174985	0.688851	-1.45169	0.624813	0.880425	-1.13582	0.0484174	0.558409	-1.7908	0.0889519	0.61586	-1.62374	2.61179	2.7616	0.939875	1
cg07437919	SLC45A4	0.09555	0.609631	0.853539	-1.17159	0.0059012	0.330308	-3.02748	0.162464	0.632173	-1.58185	0.699502	1.12668	1.12668	0.494984	1.2375	1.2375	0.682917	0.88135	-1.13462	0.126905	1.66147	1.66147	0.317128	1.3744	1.3744	0.634322	0.862986	-1.15877	2.61177	3.91179	1.33134	1
cg11849703	FGFR4;FGFR4;FGFR4	0.0955529	0.0183503	0.372809	-2.68234	0.0963105	0.53282	-1.87681	0.0126705	0.343588	-2.91046	0.121931	0.561008	-1.78251	0.0390689	0.438929	-2.27827	0.259014	0.666306	-1.50081	0.295151	0.68776	-1.454	0.361654	0.723765	-1.38166	0.238089	0.653075	-1.53122	2.61173	4.91689	1.67343	1
cg16803737	ITPR3	0.0955556	0.160046	0.609141	-1.64166	0.78725	0.914541	-1.09344	0.0691695	0.510955	-1.95712	0.417593	0.760666	-1.31464	0.0038112	0.27568	-3.6274	0.493999	0.795032	-1.25781	0.824129	1.07627	1.07627	0.0689502	0.510621	-1.9584	0.506078	0.800268	-1.24958	2.6117	4.51098	1.5353	1
cg01206537	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.0955571	0.509451	1.31007	1.31007	0.692055	1.17429	1.17429	0.845068	0.924075	-1.08216	0.36703	1.45353	1.45353	0.0094652	0.265255	-3.76996	0.36849	1.45179	1.45179	0.0428338	0.390305	-2.5621	0.208659	0.585713	-1.70732	0.603704	1.23535	1.23535	2.61168	6.7376	2.29315	1
cg06211579	SLC2A11;SLC2A11;SLC2A11	0.0955576	0.800011	0.944837	-1.05838	0.0131947	0.50319	-1.98732	0.246769	1.31092	1.31092	0.933998	1.01869	1.01869	0.157432	0.713245	-1.40204	0.0781792	1.54871	1.54871	0.971368	1.00806	1.00806	0.09113	0.659713	-1.51581	0.819877	0.950296	-1.0523	2.61168	2.06671	0.703409	1
cg12341047	FGF5;FGF5	0.0955581	0.783736	1.16909	1.16909	0.450424	1.54757	1.54757	0.0431105	3.74894	3.74894	0.0291252	4.30646	4.30646	0.875285	1.09329	1.09329	0.503904	1.46983	1.46983	0.716892	0.813189	-1.22973	0.0067497	7.34671	7.34671	0.46627	1.52351	1.52351	2.61167	13.338	4.53963	1
cg21938894	TMEM151A	0.0955586	0.426804	1.45025	1.45025	0.5938	1.2797	1.2797	0.00411525	5.83078	5.83078	0.0504649	2.77692	2.77692	0.394451	0.670588	-1.49123	0.648186	1.23425	1.23425	0.884927	1.0686	1.0686	0.143939	2.05291	2.05291	0.928022	1.04226	1.04226	2.61167	8.68181	2.95488	1
cg17176517	SNX4;SNX4	0.0955595	0.252054	0.829611	-1.20538	0.0723149	1.36767	1.36767	0.040034	1.44845	1.44845	0.842183	0.969357	-1.03161	0.0791114	0.7376	-1.35575	0.879698	0.976632	-1.02393	0.481883	0.894404	-1.11806	0.198697	1.2362	1.2362	0.103247	1.32079	1.32079	2.61166	1.00816	0.343131	1
cg04668677	PKD1;PKD1	0.0955609	0.140322	1.28731	1.28731	0.0217837	0.645097	-1.55015	0.709867	1.0613	1.0613	0.406611	1.14472	1.14472	0.974161	0.994857	-1.00517	0.281257	1.19517	1.19517	0.0298295	1.50227	1.50227	0.69572	1.06457	1.06457	0.121375	1.30652	1.30652	2.61164	1.04835	0.356812	1
cg18817607	SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1	0.095561	0.216513	0.591642	-1.69021	0.0445172	2.53742	2.53742	0.0499316	2.46547	2.46547	0.0525117	0.410755	-2.43454	0.418854	0.7165	-1.39567	0.963575	1.0186	1.0186	0.742853	0.875581	-1.1421	0.764917	1.12866	1.12866	0.164159	0.549299	-1.8205	2.61164	6.7372	2.29305	1
cg02742455	SPTBN2	0.0955611	0.655716	0.847731	-1.17962	0.380876	0.718292	-1.39219	0.225537	0.625911	-1.59767	0.820449	1.08729	1.08729	0.227217	0.627076	-1.5947	0.0107287	0.307173	-3.25549	0.33013	0.690768	-1.44766	0.492059	0.773463	-1.29289	0.0075453	0.2821	-3.54484	2.61164	5.60543	1.90785	1
cg08260959	HIST1H4F	0.0955637	0.0758235	14.1558	14.1558	0.0254359	35.2389	35.2389	0.147078	8.05923	8.05923	0.953557	1.08124	1.08124	0.0715938	14.8525	14.8525	0.275543	4.57829	4.57829	0.0242404	36.6956	36.6956	0.658327	1.81644	1.81644	0.0321773	28.935	28.935	2.61161	74.3974	25.3219	1
cg12290486	KIAA0802	0.0955642	0.558728	1.32085	1.32085	0.0337077	3.21274	3.21274	0.0197945	3.75914	3.75914	0.145894	2.08485	2.08485	0.0793478	0.399904	-2.5006	0.260863	1.73644	1.73644	0.397481	1.50337	1.50337	0.76138	0.86647	-1.15411	0.896666	1.06306	1.06306	2.6116	9.15985	3.11766	1
cg20258811	CHN1;CHN1;CHN1	0.0955661	0.514212	0.925707	-1.08026	0.623303	0.943862	-1.05948	0.381243	0.900495	-1.1105	0.119412	0.821017	-1.218	0.863046	0.980052	-1.02035	0.0706038	1.26592	1.26592	0.0159327	1.41125	1.41125	0.131869	0.827121	-1.20901	0.75046	0.963448	-1.03794	2.61158	0.563342	0.191741	1
cg26114655	BAT3;BAT3;BAT3;BAT3	0.095568	0.0531537	2.12752	2.12752	0.1116	1.81385	1.81385	0.496486	1.26776	1.26776	0.153702	1.69019	1.69019	0.309998	1.43474	1.43474	0.00634427	3.39062	3.39062	0.825382	1.07888	1.07888	0.533431	0.805139	-1.24202	0.562282	0.817655	-1.22301	2.61156	4.88365	1.66223	1
cg05917225	NEDD9;NEDD9;NEDD9	0.0955688	0.871324	0.945672	-1.05745	0.0973781	1.87169	1.87169	?	?	?	?	?	?	0.0109914	0.333057	-3.00249	0.159792	0.595947	-1.678	0.764748	0.901752	-1.10895	0.615623	1.19057	1.19057	0.735015	1.12419	1.12419	2.67742	3.91621	1.67164	1
cg13593597	HSPA13	0.0955698	0.290695	1.23578	1.23578	0.438667	0.858551	-1.16475	0.021441	1.70495	1.70495	0.0940684	1.42678	1.42678	0.0674171	1.48536	1.48536	0.781723	1.05509	1.05509	0.933381	0.983988	-1.01627	0.574444	1.11576	1.11576	0.015769	1.77031	1.77031	2.61154	1.54177	0.524773	1
cg03575974	ACTN4	0.0955724	0.271949	1.2461	1.2461	0.566252	0.894445	-1.11801	0.448742	1.16012	1.16012	0.502145	0.877176	-1.14002	0.834024	0.960433	-1.0412	0.510598	0.879507	-1.137	0.00376485	2.12195	2.12195	0.433448	0.857455	-1.16624	0.343472	0.828812	-1.20655	2.61151	1.53104	0.521125	1
cg12783346	FBXO11;FBXO11;FBXO11	0.0955741	0.559917	0.856917	-1.16697	0.859468	1.04752	1.04752	0.383582	1.26369	1.26369	0.459112	0.82082	-1.21829	0.0395597	0.536033	-1.86556	0.462615	1.21636	1.21636	0.136602	1.52208	1.52208	0.817636	0.941292	-1.06237	0.01254	2.25556	2.25556	2.61149	2.83787	0.965943	1
cg05571472	C6orf48;SNORD48;C6orf48	0.0955769	0.0209216	0.481363	-2.07743	0.237009	1.38535	1.38535	0.555293	0.854729	-1.16996	0.810211	0.938662	-1.06535	0.0469068	0.549647	-1.81935	0.182499	0.689195	-1.45097	0.0260906	0.499266	-2.00294	0.610155	0.873465	-1.14487	0.170971	0.681437	-1.46749	2.61145	2.863	0.974509	1
cg18032798	TMSB4Y	0.0955798	0.700783	1.34504	1.34504	0.0504928	6.01146	6.01146	?	?	?	0.158563	3.26592	3.26592	0.0388418	6.9355	6.9355	0.0788303	0.211205	-4.73473	?	?	?	0.85777	0.871503	-1.14744	0.726624	0.763842	-1.30917	3.08456	21.2551	5.90639	1
cg09805709	PLEKHG5;PLEKHG5;PLEKHG5	0.0955811	0.0742896	0.390371	-2.56166	0.600137	0.778661	-1.28426	0.201941	0.528724	-1.89134	0.321058	0.615752	-1.62403	0.0144688	0.24045	-4.15886	0.189232	0.517987	-1.93055	0.0845822	0.405645	-2.46521	0.0109241	0.220691	-4.53122	0.608228	0.78306	-1.27704	2.6114	9.25256	3.14945	1
cg13979066	TMEM57	0.0955813	0.289024	1.28782	1.28782	0.407485	0.823052	-1.21499	0.800912	1.05979	1.05979	0.0439486	1.70249	1.70249	0.0455771	1.69367	1.69367	0.145025	0.697885	-1.4329	0.0860709	0.646674	-1.54637	0.218325	1.34661	1.34661	0.689436	1.09672	1.09672	2.6114	2.18461	0.743614	1
cg03148739	ANO9	0.0955816	0.0203898	2.10105	2.10105	0.606152	1.14814	1.14814	0.0146409	2.22191	2.22191	0.435854	1.23511	1.23511	0.273277	1.3537	1.3537	0.915182	1.0287	1.0287	0.0921199	1.63634	1.63634	0.0334689	1.93467	1.93467	0.137137	1.53005	1.53005	2.6114	2.91793	0.993229	1
cg11570656	TSC22D1	0.0955826	0.194297	0.590789	-1.69265	0.743609	0.881798	-1.13405	0.326853	1.47396	1.47396	0.314079	1.49038	1.49038	0.100364	0.501623	-1.99353	0.985408	1.00703	1.00703	0.00741812	0.266635	-3.75044	0.113185	0.516473	-1.93621	0.391722	0.71439	-1.3998	2.61139	6.07545	2.06802	1
cg01265228	KDM2A;KDM2A	0.0955828	0.490194	0.806204	-1.24038	0.0449098	0.492908	-2.02877	0.0179202	0.413041	-2.42107	0.846126	1.06153	1.06153	0.0302334	0.456983	-2.18826	0.152534	0.624397	-1.60155	0.428368	1.28211	1.28211	0.58318	1.18569	1.18569	0.890023	0.958369	-1.04344	2.61138	3.90684	1.32985	1
cg25841008	TSPAN5	0.0955853	0.668853	1.19792	1.19792	0.0208307	3.21379	3.21379	0.0647888	2.38803	2.38803	0.323385	1.53431	1.53431	0.363355	1.48005	1.48005	0.117622	2.04063	2.04063	0.053036	2.51604	2.51604	0.0113272	3.78438	3.78438	0.401715	1.43363	1.43363	2.61136	7.28501	2.47977	1
cg21777866	ACCN1	0.0955873	0.140901	1.74497	1.74497	0.408932	1.34568	1.34568	0.671196	0.860616	-1.16196	0.262597	1.50773	1.50773	0.682011	0.865179	-1.15583	0.221313	1.57136	1.57136	0.0105131	0.322459	-3.10117	0.121247	0.553984	-1.80511	0.744289	1.12194	1.12194	2.61133	5.11087	1.73972	1
cg03574736	ACTR1B	0.0955877	0.254686	2.05	2.05	0.563003	1.42326	1.42326	0.543886	1.44889	1.44889	0.899343	0.926463	-1.07937	0.749924	0.82447	-1.2129	0.726628	1.23597	1.23597	0.00303253	0.0861271	-11.6108	0.412736	1.65774	1.65774	0.587755	1.39147	1.39147	2.61133	15.0669	5.12872	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23122263	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.0955903	0.0458149	0.323575	-3.09047	0.143027	2.17231	2.17231	0.64368	1.25806	1.25806	0.66786	0.808358	-1.23708	0.0597199	0.350923	-2.84963	0.210673	0.52202	-1.91564	0.0509518	0.334271	-2.99159	0.271199	1.75869	1.75869	0.235262	0.541669	-1.84615	2.6113	10.0461	3.41971	1
cg23657409	PLCB1;PLCB1	0.0955911	0.732719	1.03297	1.03297	0.68749	0.962452	-1.03901	0.605016	0.951822	-1.05062	0.0233332	1.29239	1.29239	0.160621	1.15239	1.15239	0.0959817	0.841121	-1.18889	0.0423379	0.801476	-1.2477	0.484824	0.935025	-1.06949	0.431069	0.926765	-1.07902	2.61129	0.370419	0.126092	1
cg07196761	CHCHD8;PAAF1	0.095593	0.0241343	0.170768	-5.85589	0.0259969	0.176083	-5.67913	0.274272	0.473442	-2.11219	0.449132	0.602324	-1.66024	0.0561332	0.241266	-4.14479	0.0925018	0.296137	-3.37681	0.054388	0.238175	-4.19859	0.161352	0.374135	-2.67283	0.0488031	0.227872	-4.38843	2.61127	17.8673	6.08211	1
cg01958934	APOC2	0.095594	0.866117	1.08335	1.08335	0.072341	0.386197	-2.58935	0.133403	0.463903	-2.15562	0.857738	1.08886	1.08886	0.0160195	0.246909	-4.05008	0.034634	0.310788	-3.21763	0.0334382	0.307578	-3.25121	0.528309	0.738521	-1.35406	0.608284	0.782504	-1.27795	2.61125	9.30883	3.16879	1
cg26262988	OCM2	0.0955942	0.0403603	0.284801	-3.51123	0.30935	0.572365	-1.74714	0.275364	0.547788	-1.82552	0.0339668	0.269049	-3.7168	0.065266	0.333671	-2.99696	0.113675	0.401371	-2.49146	0.0209025	0.228969	-4.3674	0.0417605	0.28802	-3.47199	0.180492	0.470367	-2.126	2.61125	11.6334	3.9601	1
cg00800141	ADCY9	0.0955965	0.0477394	0.419889	-2.38158	0.946085	1.02626	1.02626	0.639779	1.19804	1.19804	0.338493	0.685091	-1.45966	0.0110242	0.294555	-3.39496	0.0891024	0.487375	-2.05181	0.146599	0.550318	-1.81713	0.307495	1.4992	1.4992	0.291876	0.657564	-1.52077	2.61123	6.07674	2.06859	1
cg01941881	PACS2;PACS2	0.0955967	0.258041	1.45047	1.45047	0.385166	1.32385	1.32385	0.0768658	1.85884	1.85884	0.530117	1.2219	1.2219	0.832744	1.06891	1.06891	0.0435876	2.0774	2.0774	0.00347677	3.48918	3.48918	0.366991	1.33912	1.33912	0.515592	1.23088	1.23088	2.61122	4.10611	1.39777	1
cg00822571	NUTF2	0.095602	0.411081	0.612993	-1.63134	0.0438145	0.259471	-3.854	0.11759	0.371719	-2.6902	0.446501	0.636486	-1.57113	0.00603784	0.12389	-8.0717	0.497864	0.669857	-1.49286	0.116867	0.370871	-2.69635	0.298417	0.533887	-1.87305	0.0428046	0.257292	-3.88664	2.61116	14.02	4.77268	1
cg14582049	GPM6A;GPM6A;GPM6A	0.0956022	0.00979013	0.391971	-2.55121	0.115356	0.612081	-1.63377	0.118014	0.614632	-1.62699	0.265702	0.717062	-1.39458	0.036883	0.499008	-2.00397	0.151761	0.6438	-1.55328	0.036229	0.497418	-2.01038	0.384343	0.774314	-1.29147	0.892098	0.961828	-1.03969	2.61116	3.40068	1.15766	1
cg25782778	ZNF562;ZNF562;ZNF562	0.0956035	0.243916	1.26453	1.26453	0.0673041	1.48395	1.48395	0.240686	1.26676	1.26676	0.405491	0.848877	-1.17803	0.0134141	0.554639	-1.80298	0.326805	0.822932	-1.21517	0.325195	1.21601	1.21601	0.966549	1.00811	1.00811	0.481319	0.87128	-1.14774	2.61114	1.5326	0.521729	1
cg12727529	CCK	0.0956072	0.205541	0.629644	-1.5882	0.0141796	0.350558	-2.8526	0.0451372	0.451045	-2.21707	0.908512	1.04062	1.04062	0.21539	0.636559	-1.57095	0.478791	0.779262	-1.28327	0.0165876	0.362941	-2.75527	0.28028	0.6779	-1.47514	0.792586	1.09558	1.09558	2.6111	4.96165	1.68908	1
cg07441143	SLURP1	0.0956074	0.151764	0.411309	-2.43126	0.261254	0.507731	-1.96955	0.229266	0.481971	-2.07481	0.0964062	0.347827	-2.875	0.0227673	0.206624	-4.8397	0.0561253	0.28607	-3.49565	0.0165133	0.183705	-5.44352	0.0538656	0.281876	-3.54766	0.137812	0.396732	-2.52059	2.6111	13.8408	4.71179	1
cg17109533	MIR515-2;MIR515-1	0.0956086	0.0541863	0.250392	-3.99373	0.611886	0.723072	-1.38299	0.0242194	0.182205	-5.48833	0.0357891	0.212668	-4.70215	0.0294704	0.196959	-5.07719	0.14249	0.368239	-2.71563	0.302679	0.508342	-1.96718	0.0480736	0.238873	-4.18633	0.241401	0.459736	-2.17516	2.61108	16.6068	5.65343	1
cg24798047	GOLT1A	0.0956096	0.0861806	0.635655	-1.57318	0.453058	0.833036	-1.20043	0.309287	1.28591	1.28591	0.0558885	1.67805	1.67805	0.0128937	0.478145	-2.09142	0.824544	1.0545	1.0545	0.833062	1.05174	1.05174	0.547018	1.15679	1.15679	0.941162	1.0178	1.0178	2.61107	2.36195	0.804081	1
cg17696091	SYCP1	0.0956115	0.821969	1.06229	1.06229	0.807627	1.0676	1.0676	0.180664	0.683077	-1.46396	0.952605	1.01607	1.01607	0.0401681	0.52953	-1.88847	0.00510675	0.370773	-2.69707	0.537926	1.18203	1.18203	0.455256	0.815523	-1.22621	0.804152	1.06889	1.06889	2.61105	2.9732	1.01218	1
cg20690125	RHBDF2;RHBDF2	0.0956158	0.119508	0.393471	-2.54148	0.00389213	0.11692	-8.55283	0.0940756	0.361896	-2.76322	0.329908	0.57399	-1.74219	0.0729506	0.331427	-3.01726	0.173053	0.449094	-2.22671	0.167805	0.444106	-2.25172	0.320819	0.567587	-1.76184	0.801917	0.870411	-1.14888	2.611	12.6067	4.29182	1
cg02277235	ZFYVE21	0.0956187	0.828314	0.953806	-1.04843	0.85921	1.03942	1.03942	0.201718	1.34121	1.34121	0.157921	1.38927	1.38927	0.665664	1.0993	1.0993	0.0108767	2.00628	2.00628	0.0327686	1.72274	1.72274	0.0818741	1.52174	1.52174	0.372945	0.8194	-1.2204	2.61097	1.96096	0.667599	1
cg05976516	CHD9	0.095619	0.895541	0.953367	-1.04891	0.0140278	0.331977	-3.01225	0.115998	0.537378	-1.86089	0.308249	0.68154	-1.46727	0.00703995	0.281813	-3.54846	0.930618	0.968837	-1.03217	0.234668	0.635801	-1.57282	0.592336	0.821603	-1.21713	0.321741	0.689248	-1.45086	2.61096	5.46533	1.86064	1
cg06419476	POU2F2	0.0956195	0.0196748	3.48334	3.48334	0.0171898	3.61795	3.61795	0.365321	1.50979	1.50979	0.116203	2.13002	2.13002	0.620867	1.24711	1.24711	0.419798	1.44063	1.44063	0.0160566	3.68819	3.68819	0.46338	1.39178	1.39178	0.30423	1.60203	1.60203	2.61096	8.11187	2.76165	1
cg04289891	PLA2G5	0.0956197	0.0140975	0.331789	-3.01397	0.392956	0.727134	-1.37526	0.989053	0.995017	-1.00501	0.303228	0.678214	-1.47446	0.0143361	0.333091	-3.00218	0.256032	0.649396	-1.53989	0.053632	0.450243	-2.22102	0.0770621	0.488795	-2.04585	0.303361	0.678292	-1.47429	2.61095	5.48243	1.86647	1
cg21395782	NDUFA13;TSSK6	0.095621	0.639913	0.916626	-1.09096	0.455029	0.868845	-1.15095	0.0090681	0.541876	-1.84544	0.0227809	1.65455	1.65455	0.6748	0.924996	-1.08109	0.782757	0.950214	-1.05239	0.839901	0.963316	-1.03808	0.468006	1.14618	1.14618	0.943706	1.01313	1.01313	2.61094	1.41164	0.480591	1
cg00531246	TMCO3	0.095622	0.181519	1.3934	1.3934	0.145748	0.693975	-1.44097	0.227968	1.34446	1.34446	0.111026	1.50093	1.50093	0.679928	1.1019	1.1019	?	?	?	0.764939	1.07265	1.07265	0.0702338	0.622906	-1.60538	0.0611354	0.610449	-1.63814	2.64034	2.03355	0.770185	1
cg02332456	FAM47C;FAM47C	0.0956233	0.0236958	0.145852	-6.85626	0.630755	0.708041	-1.41235	0.427249	0.561099	-1.78222	0.679794	0.743882	-1.3443	0.0163631	0.123427	-8.10195	0.135962	3.14373	3.14373	0.229074	0.406655	-2.45909	0.590141	1.47351	1.47351	0.202594	0.383281	-2.60905	2.61091	21.0149	7.15456	1
cg21959618	AFF3;AFF3	0.0956234	0.0371145	0.221915	-4.50623	0.1584	0.391444	-2.55465	0.170011	0.402879	-2.48213	0.433786	0.608458	-1.6435	0.034787	0.216421	-4.62062	0.0733522	0.288799	-3.46262	0.0988227	0.3244	-3.08262	0.0138048	0.150599	-6.64014	0.127263	0.358494	-2.78945	2.61091	16.0001	5.44728	1
cg09635586	TXNDC11	0.0956234	0.85604	0.970317	-1.03059	0.708366	0.939555	-1.06433	0.0309762	1.52237	1.52237	0.292135	1.19885	1.19885	0.380643	0.861382	-1.16093	0.0693502	1.4009	1.4009	0.90414	0.980207	-1.02019	0.139032	0.767806	-1.30241	0.0360529	1.49867	1.49867	2.61091	1.13851	0.387609	1
cg20075927	INTS8	0.0956237	0.667146	0.935507	-1.06894	0.671651	0.936415	-1.0679	0.384175	0.871545	-1.14739	0.612749	0.924367	-1.08182	0.0223882	0.655992	-1.52441	0.956662	0.991661	-1.00841	0.0146149	1.58932	1.58932	0.346643	0.861287	-1.16105	0.175655	0.801007	-1.24843	2.61091	0.98175	0.334239	1
cg04935521	AATK	0.0956254	0.0785219	3.13094	3.13094	0.707129	1.24663	1.24663	0.564959	1.40465	1.40465	0.185153	2.27214	2.27214	0.113254	2.73638	2.73638	0.0965234	2.90286	2.90286	0.00676412	7.77022	7.77022	0.0720643	3.23048	3.23048	0.0686554	3.28798	3.28798	2.61089	14.1055	4.80227	1
cg24636969	ZNF704	0.0956275	0.223713	0.427631	-2.33847	0.0856214	3.53471	3.53471	0.587112	1.43961	1.43961	0.0717145	0.262825	-3.80482	0.173323	0.381814	-2.61907	0.694627	0.769357	-1.29979	0.156458	0.365184	-2.73835	0.0173499	0.145803	-6.85855	0.343442	0.522786	-1.91283	2.61086	18.2615	6.21727	1
cg07493876	SAPS2	0.0956283	0.0922146	0.769124	-1.30018	0.0371741	0.709894	-1.40866	0.518274	0.911413	-1.0972	0.40339	1.12875	1.12875	0.095824	0.77176	-1.29574	0.0249809	0.685376	-1.45905	0.0597855	0.7402	-1.35099	0.931296	1.01229	1.01229	0.666138	1.06341	1.06341	2.61085	0.829485	0.282406	1
cg04756577	PURG	0.0956287	0.0884538	0.334376	-2.99065	0.325952	0.553697	-1.80604	0.122155	0.376638	-2.65507	0.730905	1.22289	1.22289	0.00718962	0.132348	-7.55586	0.623734	0.749627	-1.334	0.0393841	0.249302	-4.01119	0.995462	0.99669	-1.00332	0.127221	0.382385	-2.61516	2.61085	14.0469	4.78242	1
cg09176847	C5orf51	0.0956293	0.357766	1.24502	1.24502	0.155886	1.42164	1.42164	0.583889	1.13675	1.13675	0.0167227	1.96765	1.96765	0.131476	1.45837	1.45837	0.619585	0.890504	-1.12296	0.189409	0.724603	-1.38007	0.0885282	0.646992	-1.54561	0.725705	0.921618	-1.08505	2.61084	2.22038	0.75595	1
cg22965663	POMT2;GSTZ1;GSTZ1;GSTZ1;GSTZ1;GSTZ1	0.0956301	0.18235	0.675458	-1.48048	0.764922	0.920227	-1.08669	0.888621	0.961897	-1.03961	0.959704	0.986091	-1.01411	0.0798512	0.583429	-1.71401	0.121579	0.627955	-1.59247	0.00359373	0.335195	-2.98333	0.605079	1.15559	1.15559	0.457789	0.8109	-1.2332	2.61083	3.1779	1.08195	1
cg04396550	KCNQ3	0.095631	0.0699824	0.556081	-1.7983	0.535699	0.833882	-1.19921	0.630323	0.868959	-1.1508	0.0759955	1.77171	1.77171	0.633397	0.870072	-1.14933	0.708427	1.11495	1.11495	0.00903879	0.382446	-2.61475	0.514471	0.825738	-1.21104	0.46854	1.23815	1.23815	2.61082	3.46916	1.18112	1
cg08624915	AHSP	0.0956318	0.235294	2.30217	2.30217	0.0813903	0.273908	-3.65086	0.0573751	0.236683	-4.22506	0.808606	1.17666	1.17666	0.164532	0.370038	-2.70242	0.210897	2.41982	2.41982	0.0453084	0.214525	-4.66146	0.0911337	0.287242	-3.48138	0.529829	0.652682	-1.53214	2.61081	18.5822	6.32658	1
cg24688803	ALDH1L2;ALDH1L2	0.0956319	0.381408	1.55288	1.55288	0.0602544	2.82608	2.82608	0.222652	1.87432	1.87432	0.277272	1.74008	1.74008	0.0602332	0.353809	-2.82638	0.26016	0.562259	-1.77854	0.204409	0.518645	-1.9281	0.0972185	0.409717	-2.44071	0.421264	1.49596	1.49596	2.61081	9.93744	3.38334	1
cg26586118	TCF19;TCF19	0.0956343	0.940968	1.0107	1.0107	0.0437219	0.716565	-1.39555	0.250399	0.841422	-1.18846	0.0169034	1.52031	1.52031	0.289709	0.853868	-1.17114	0.496755	1.10428	1.10428	0.450886	1.11676	1.11676	0.156961	0.804436	-1.24311	0.618055	0.930286	-1.07494	2.61078	0.854536	0.290942	1
cg02119134	FOXD4L1	0.0956364	0.0818998	2.08664	2.08664	0.0598171	2.24858	2.24858	0.0723589	2.14917	2.14917	0.47972	1.31539	1.31539	0.0355847	2.54317	2.54317	0.346718	1.44731	1.44731	0.0439625	2.4188	2.4188	0.0152285	3.1181	3.1181	0.279537	1.53563	1.53563	2.61076	6.01949	2.04946	1
cg25951288	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0956365	0.0918407	0.271374	-3.68495	0.0188904	0.135576	-7.37595	0.024243	0.151421	-6.6041	0.171689	0.359684	-2.78022	0.133347	0.320495	-3.12017	0.0935313	0.273571	-3.65536	0.028709	0.163121	-6.13042	0.612607	0.698491	-1.43166	0.406267	0.550428	-1.81677	2.61076	20.4199	6.9524	1
cg10001282	NEUROG3	0.095637	0.652336	0.830664	-1.20386	0.273353	1.59417	1.59417	0.915829	1.0442	1.0442	0.895217	0.94752	-1.05539	0.255588	0.615365	-1.62505	0.145107	0.527225	-1.89672	0.00371431	0.201179	-4.97069	0.475569	1.34555	1.34555	0.856992	1.07659	1.07659	2.61075	6.92016	2.35612	1
cg16300419	ARHGAP23	0.0956413	0.218742	0.468413	-2.13487	0.0740867	3.21239	3.21239	0.0367522	4.14763	4.14763	0.465862	1.54512	1.54512	0.262301	0.503949	-1.98433	0.896281	0.926383	-1.07947	0.0754177	0.31333	-3.19152	0.173507	2.3374	2.3374	0.489328	0.66247	-1.5095	2.6107	14.2132	4.83928	1
cg27408262	CTBP2;CTBP2;CTBP2	0.0956473	0.424472	0.867503	-1.15273	0.756322	1.05574	1.05574	0.0339767	0.649654	-1.53928	0.87367	1.02812	1.02812	0.0690756	0.701549	-1.42542	0.992499	1.00164	1.00164	0.121045	1.34038	1.34038	0.0222791	0.620432	-1.61178	0.289848	0.825773	-1.21099	2.61063	1.25551	0.427485	1
cg12507325	PTGES3	0.0956474	0.0297143	0.644269	-1.55215	0.57672	0.907657	-1.10174	0.203278	1.25954	1.25954	0.531962	1.11491	1.11491	0.0275002	0.638933	-1.56511	0.480778	1.13104	1.13104	0.123325	0.750656	-1.33217	0.604395	0.914113	-1.09396	0.265751	1.2205	1.2205	2.61063	1.2206	0.415599	1
cg03869225	TESC;TESC;TESC	0.0956476	0.532262	1.39324	1.39324	0.0107239	5.37094	5.37094	0.00698234	6.22872	6.22872	0.434181	1.51943	1.51943	0.823083	0.889236	-1.12456	0.298037	1.76035	1.76035	0.275019	1.81368	1.81368	0.388602	1.58916	1.58916	0.856243	1.09973	1.09973	2.61063	11.3628	3.86888	1
cg22159109	PLEK	0.0956525	0.417394	1.50955	1.50955	0.714804	1.20005	1.20005	0.280437	0.57264	-1.7463	0.0317548	3.49338	3.49338	0.829109	0.898156	-1.11339	0.229212	1.87195	1.87195	0.0118079	4.76997	4.76997	0.0734604	2.69585	2.69585	0.242717	1.83582	1.83582	2.61057	10.2089	3.47608	1
cg23116322	OTX1	0.0956526	0.502806	0.55135	-1.81373	0.0583191	6.50856	6.50856	0.0552101	6.70544	6.70544	0.491581	0.542475	-1.8434	0.692594	0.706184	-1.41606	0.931557	0.927552	-1.07811	0.750979	0.756735	-1.32147	0.0088607	18.4799	18.4799	0.797484	1.25249	1.25249	2.61057	31.6918	10.7909	1
cg13521124	TMEM151A	0.0956541	0.581596	1.11995	1.11995	0.2837	1.25446	1.25446	0.00394986	0.454241	-2.20147	0.999821	0.999954	-1.00005	0.943899	1.01443	1.01443	0.865011	1.03524	1.03524	0.105028	1.43411	1.43411	0.76366	0.940467	-1.0633	0.823421	0.955528	-1.04654	2.61055	1.71295	0.583256	1
cg04060830	GPR107;GPR107;GPR107;GPR107;GPR107;GPR107	0.0956552	0.758614	0.967937	-1.03313	0.324903	1.11347	1.11347	0.818541	1.02459	1.02459	0.0632812	0.801854	-1.24711	0.544417	1.06701	1.06701	0.902505	0.987127	-1.01304	0.00561812	0.680892	-1.46866	0.202616	0.867434	-1.15283	0.570008	1.06257	1.06257	2.61054	0.46215	0.157362	1
cg03982355	KCTD11;KCTD11	0.0956561	0.257386	0.862019	-1.16007	0.412569	1.11097	1.11097	0.0810654	1.27503	1.27503	0.833906	0.973967	-1.02673	0.766498	0.963282	-1.03812	0.189753	0.839899	-1.19062	0.75199	1.04063	1.04063	0.181318	1.19514	1.19514	0.00884147	1.51993	1.51993	2.61053	0.652412	0.222147	1
cg27386292	SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC	0.0956591	0.179313	0.736333	-1.35808	0.568642	0.883709	-1.13159	0.577186	1.12845	1.12845	0.482694	1.16543	1.16543	0.785402	0.943118	-1.06031	0.303694	0.79566	-1.25682	0.00359414	0.429129	-2.3303	0.628056	1.11044	1.11044	0.368831	1.21902	1.21902	2.61049	1.90356	0.648173	1
cg14946334	GPR68	0.0956616	0.545559	1.31042	1.31042	0.0114014	4.05351	4.05351	?	?	?	0.914056	1.04887	1.04887	0.509674	1.34392	1.34392	0.690553	0.837905	-1.19345	0.083289	2.33344	2.33344	0.637378	1.23348	1.23348	0.0692588	0.407276	-2.45534	2.63986	7.2589	2.74973	1
cg08293075	PBX2	0.0956623	0.311689	0.830917	-1.20349	0.0543849	1.47154	1.47154	0.951552	1.01081	1.01081	0.298429	1.21015	1.21015	0.312623	0.831234	-1.20303	0.239422	1.24362	1.24362	0.0120242	0.574444	-1.74082	0.698267	0.933381	-1.07137	0.599108	1.09843	1.09843	2.61046	1.29488	0.440922	1
cg19822251	LHFPL4;LHFPL4	0.0956625	0.761953	0.973461	-1.02726	0.00891928	0.744855	-1.34254	0.158201	0.874969	-1.1429	0.209681	1.12418	1.12418	0.18157	0.882005	-1.13378	0.543421	0.947002	-1.05596	0.582501	0.952033	-1.05038	0.983115	1.00188	1.00188	0.104031	1.17042	1.17042	2.61046	0.324074	0.110351	1
cg20469275	SNCAIP	0.0956626	0.101707	0.456172	-2.19216	0.134289	0.492945	-2.02862	0.593386	1.2663	1.2663	0.0358707	2.91399	2.91399	0.022444	0.301801	-3.31344	0.465266	0.722128	-1.3848	0.809461	1.11163	1.11163	0.598053	1.26246	1.26246	0.852082	0.921482	-1.08521	2.61045	7.93438	2.70175	1
cg24083557	INTS5	0.095664	0.424404	1.86649	1.86649	0.600096	1.4988	1.4988	0.34469	2.10547	2.10547	0.0950472	4.06829	4.06829	0.567788	1.5554	1.5554	0.2611	2.45114	2.45114	0.0201654	0.117238	-8.52964	0.0483649	0.178077	-5.61554	0.940145	1.05913	1.05913	2.61044	24.193	8.23805	1
cg25423146	LRP6	0.0956644	0.868734	0.981515	-1.01883	0.559147	1.0689	1.0689	0.534292	1.07358	1.07358	0.0424288	1.30164	1.30164	0.197265	0.857479	-1.16621	0.136807	0.834606	-1.19817	0.0295947	0.749069	-1.33499	0.136767	1.1982	1.1982	0.782026	1.03178	1.03178	2.61043	0.526089	0.179141	1
cg13115240	FAM20B	0.0956649	0.921698	1.01832	1.01832	0.0504654	1.50942	1.50942	0.0109748	1.80299	1.80299	0.249781	1.24874	1.24874	0.126992	1.3564	1.3564	0.867375	0.969604	-1.03135	0.143665	0.74813	-1.33667	0.722549	0.936279	-1.06806	0.90845	0.978979	-1.02147	2.61043	1.4102	0.480194	1
cg06560836	NF1;NF1	0.0956661	0.131824	0.521387	-1.91796	0.194295	0.577065	-1.73291	0.0892256	0.472195	-2.11777	0.718737	0.865192	-1.15581	0.00631044	0.240708	-4.15441	0.323033	0.664514	-1.50486	0.037216	0.379716	-2.63355	0.777125	1.12033	1.12033	0.185894	0.570313	-1.75342	2.61041	6.62767	2.25683	1
cg02893260	MTUS2;MTUS2	0.0956665	0.192253	0.468607	-2.13398	0.00489365	0.128984	-7.75291	0.0382312	0.267401	-3.7397	0.682773	1.25315	1.25315	0.18136	0.458751	-2.17983	0.289084	0.546429	-1.83006	0.243501	0.511614	-1.9546	0.220923	0.493271	-2.02728	0.946619	0.963896	-1.03746	2.61041	12.4691	4.24594	1
cg22612330	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.0956673	0.316926	0.774529	-1.29111	0.00643263	0.41676	-2.39946	0.471991	0.834708	-1.19802	0.739254	0.920819	-1.08599	0.228059	0.731652	-1.36677	0.289699	0.762318	-1.31179	0.290599	1.31108	1.31108	0.520452	1.17454	1.17454	0.0464397	0.569333	-1.75644	2.6104	2.5214	0.858583	1
cg12670626	DSTN;DSTN	0.0956696	0.791255	1.0484	1.0484	0.0673869	1.44076	1.44076	0.161744	1.30501	1.30501	0.201428	0.786341	-1.27171	0.0714897	1.43134	1.43134	0.0583423	1.46396	1.46396	0.544524	0.896482	-1.11547	0.493086	0.883361	-1.13204	0.0455731	1.50452	1.50452	2.61037	1.31239	0.446898	1
cg07397372	YTHDF2	0.0956718	0.214684	1.49743	1.49743	0.222243	0.672667	-1.48662	0.105786	1.72653	1.72653	0.336495	1.35841	1.35841	0.0724719	1.85801	1.85801	0.370084	1.32911	1.32911	0.0384292	0.476451	-2.09885	0.783203	0.918279	-1.08899	0.113258	1.70359	1.70359	2.61035	3.94992	1.34505	1
cg18534061	SNX29	0.0956743	0.148408	0.842539	-1.18689	0.00445096	1.52102	1.52102	0.125419	1.20119	1.20119	0.499648	1.07868	1.07868	0.870255	1.01823	1.01823	0.248295	1.1427	1.1427	0.29988	1.12608	1.12608	0.339147	1.11504	1.11504	0.732991	1.03857	1.03857	2.61032	0.505045	0.171982	1
cg23214308	ADAMTS15	0.0956747	0.381448	0.894903	-1.11744	0.38382	1.11679	1.11679	0.872741	1.02003	1.02003	0.633241	1.06127	1.06127	0.270866	0.867794	-1.15235	0.918677	0.987447	-1.01271	0.00335675	0.610408	-1.63825	0.283988	1.14761	1.14761	0.491188	0.917142	-1.09034	2.61031	0.632563	0.215406	1
cg23821914	RBM4	0.0956758	0.0669796	0.342964	-2.91575	0.149452	0.446857	-2.23785	0.846153	1.10654	1.10654	0.180607	0.476673	-2.09788	0.040395	0.291162	-3.43452	0.109518	0.40279	-2.48269	0.0127056	0.199101	-5.02258	0.260143	0.542186	-1.84439	0.0551281	0.32199	-3.10569	2.6103	11.2288	3.82375	1
cg17987059	PAN3;PAN3	0.0956761	0.0373013	0.359866	-2.77882	0.178584	1.82994	1.82994	0.379264	0.682901	-1.46434	0.746221	0.871706	-1.14718	0.00690793	0.228001	-4.38594	0.321464	0.648489	-1.54205	0.521042	0.759536	-1.31659	0.970666	0.984572	-1.01567	0.238524	0.593332	-1.6854	2.6103	7.39141	2.51701	1
cg08355099	PLEKHA6	0.0956766	0.0331981	0.380212	-2.63011	0.00990258	0.282041	-3.54558	0.103171	0.500366	-1.99854	0.256251	0.631092	-1.58455	0.371314	0.700081	-1.42841	0.262811	0.635418	-1.57377	0.0240194	0.351469	-2.8452	0.163867	0.561549	-1.78079	0.417022	0.724573	-1.38012	2.61029	6.23727	2.12399	1
cg03446427	FGFRL1;FGFRL1;FGFRL1	0.0956829	0.012211	0.558386	-1.79088	0.48761	1.14066	1.14066	0.707099	0.931979	-1.07299	0.838238	1.03888	1.03888	0.0353415	0.632967	-1.57986	0.471558	1.14645	1.14645	0.165324	1.31807	1.31807	0.76081	0.944614	-1.05863	0.215474	0.784036	-1.27545	2.61022	1.43973	0.490289	1
cg09726982	ACCN4;ACCN4;ACCN4;ACCN4	0.0956839	0.788531	0.863905	-1.15753	0.0867112	2.79995	2.79995	0.667668	0.790533	-1.26497	0.292508	0.551956	-1.81174	0.863456	0.910584	-1.0982	0.0229047	4.39808	4.39808	0.0237842	0.259538	-3.853	0.991828	1.00559	1.00559	0.265204	1.88111	1.88111	2.61021	12.2418	4.16886	1
cg10357038	EML5	0.0956856	0.166605	0.442191	-2.26147	0.0289808	4.15547	4.15547	0.0294555	4.1322	4.1322	0.348286	1.70625	1.70625	0.957368	0.970855	-1.03002	0.817434	0.879902	-1.13649	0.144562	0.420159	-2.38005	0.638584	1.29921	1.29921	0.313565	0.561743	-1.78017	2.61019	12.6561	4.30999	1
cg19730813	FLNC;FLNC	0.0956912	0.0322694	0.428008	-2.33641	0.388668	0.741548	-1.34853	0.881624	0.950818	-1.05173	0.035315	0.436224	-2.2924	0.0405383	0.449074	-2.2268	0.0908193	0.532304	-1.87862	0.0478702	0.465045	-2.15033	0.860281	1.06144	1.06144	0.607365	1.19175	1.19175	2.61012	4.73547	1.61269	1
cg19351423	GADD45B;GADD45B	0.0956923	0.369222	0.685127	-1.45958	0.262711	0.619507	-1.61419	0.040356	0.378681	-2.64075	0.226584	0.594156	-1.68306	0.00569401	0.226056	-4.42368	0.939525	1.0316	1.0316	0.30629	1.54392	1.54392	0.283789	0.633425	-1.57872	0.717647	0.86165	-1.16056	2.61011	6.95075	2.36712	1
cg19850728	MINA;MINA;MINA	0.0956941	0.140749	0.422602	-2.36629	0.0156958	0.199929	-5.00176	0.256679	0.525404	-1.9033	0.903477	1.06818	1.06818	0.0603642	0.31619	-3.16266	0.259845	0.527843	-1.8945	0.0206463	0.219761	-4.55039	0.0565632	0.309318	-3.23292	0.678328	0.797137	-1.25449	2.61009	12.2163	4.16037	1
cg12752935	CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.0956958	0.358552	0.74252	-1.34677	0.0220534	0.420712	-2.37692	0.00907253	0.351477	-2.84513	0.558423	0.829766	-1.20516	0.865257	0.947855	-1.05501	0.783006	0.916627	-1.09096	0.158822	1.60787	1.60787	0.905911	0.963401	-1.03799	0.351688	0.739168	-1.35287	2.61007	4.11037	1.39984	1
cg15445319	CDR2L	0.095697	0.455707	0.805602	-1.24131	0.00586426	0.358398	-2.7902	0.559194	0.845317	-1.18299	0.0342984	0.495304	-2.01896	0.0536695	0.536106	-1.8653	0.419024	0.790618	-1.26483	0.598645	1.16314	1.16314	0.815099	0.935521	-1.06892	0.741713	0.910187	-1.09867	2.61005	3.34649	1.13969	1
cg11975718	HELQ;MRPS18C	0.0956973	0.491827	1.20466	1.20466	0.00831041	2.45898	2.45898	0.428603	1.24051	1.24051	0.811823	0.938373	-1.06567	0.690441	1.11267	1.11267	0.429655	1.23988	1.23988	0.0423203	0.535958	-1.86582	0.371207	0.782802	-1.27746	0.544365	0.849048	-1.17779	2.61005	2.9402	1.00133	1
cg04065151	ESPL1	0.0956977	0.0533142	0.362505	-2.75858	0.476043	0.715348	-1.39792	0.159795	0.499412	-2.00236	0.665539	0.817883	-1.22267	0.141564	0.481589	-2.07646	0.344143	1.569	1.569	0.00729805	0.202048	-4.94933	0.992566	1.00432	1.00432	0.115797	0.453771	-2.20376	2.61004	8.83242	3.00801	1
cg15117516	SGPL1	0.0957013	0.126115	0.469785	-2.12863	0.743321	1.16183	1.16183	0.520978	1.3458	1.3458	0.245783	0.574565	-1.74045	0.0189094	0.273149	-3.661	0.172043	0.51499	-1.94179	0.0670685	0.391816	-2.55222	0.0332567	0.321103	-3.11427	0.100762	0.44018	-2.2718	2.61	8.61403	2.93368	1
cg02776768	C3orf21	0.0957017	0.711549	1.15751	1.15751	0.845305	0.925957	-1.07996	0.839149	0.923081	-1.08333	0.362074	1.44619	1.44619	0.033003	0.374606	-2.66947	0.493449	1.31507	1.31507	0.0116773	0.289087	-3.45917	0.960955	1.01947	1.01947	0.0687359	0.448306	-2.23062	2.61	6.41074	2.18331	1
cg23842572	MPRIP;MPRIP	0.0957017	0.942791	1.04678	1.04678	0.055425	3.98653	3.98653	0.0275745	5.25726	5.25726	0.844411	1.13333	1.13333	0.141574	0.365376	-2.7369	0.511936	0.654628	-1.52759	0.0812327	0.291937	-3.4254	0.242602	2.17915	2.17915	0.601678	0.715004	-1.39859	2.61	16.7715	5.71187	1
cg08231349	HCG4P6	0.095704	0.0530709	12.9562	12.9562	0.516691	2.1516	2.1516	0.46761	2.36633	2.36633	0.812082	1.3199	1.3199	0.80247	0.746693	-1.33924	0.0662711	11.0304	11.0304	0.00826347	51.2127	51.2127	0.0714802	10.4407	10.4407	0.0910525	8.75138	8.75138	2.60997	56.1394	19.1196	1
cg19228334	GRIK2;GRIK2;GRIK2	0.0957048	0.0232282	0.166913	-5.99113	0.971507	1.02385	1.02385	0.707351	1.28257	1.28257	0.926092	0.940612	-1.06314	0.0509427	0.230566	-4.33716	0.28384	0.479637	-2.08491	0.0212374	0.160814	-6.21838	0.326165	1.95219	1.95219	0.204562	0.413375	-2.41911	2.60996	17.9994	6.13014	1
cg17430979	JAKMIP1	0.0957061	0.173787	0.499801	-2.0008	0.022651	0.270392	-3.69834	0.0158097	0.24243	-4.12491	0.833809	1.10594	1.10594	0.0396535	0.319747	-3.12747	0.589257	1.29855	1.29855	0.428996	0.679112	-1.47251	0.821436	1.11443	1.11443	0.553481	0.750297	-1.33281	2.60995	9.49507	3.23381	1
cg00377074	MGC34034;MGC34034	0.0957079	0.033126	5.20755	5.20755	0.894473	0.915839	-1.09189	0.0889465	3.46522	3.46522	0.833163	1.14997	1.14997	0.923542	0.938389	-1.06566	0.171686	0.381406	-2.62188	0.14265	0.352099	-2.84011	0.167218	2.65212	2.65212	0.0566222	4.17627	4.17627	2.60993	18.1389	6.17775	1
cg13804478	MUC1;MUC1;MUC1;MUC1;MUC1;MUC1;MUC1	0.0957094	0.0407012	0.448881	-2.22776	0.340551	0.7168	-1.39509	0.588879	1.20319	1.20319	0.270937	0.678039	-1.47484	0.0970394	0.539338	-1.85412	0.0648191	0.4951	-2.0198	0.0170343	0.373	-2.68096	0.0475507	0.463824	-2.15599	0.939702	0.97468	-1.02598	2.60991	4.75018	1.61783	1
cg11668399	CRLF1	0.0957098	0.694286	0.866411	-1.15419	0.1499	0.571	-1.75131	0.229308	0.632593	-1.5808	0.0610581	2.15177	2.15177	0.61842	0.833365	-1.19995	0.351808	0.706217	-1.416	0.0187046	0.355413	-2.81363	0.122654	0.544863	-1.83532	0.0834193	0.498758	-2.00498	2.6099	5.44693	1.85513	1
cg17985912	LIN9	0.0957113	0.270591	0.831115	-1.2032	0.547738	1.10308	1.10308	0.432444	0.8788	-1.13792	0.0465883	0.692447	-1.44415	0.174893	0.792396	-1.26199	0.257465	0.826477	-1.20996	0.00993946	0.591488	-1.69065	0.111075	0.755827	-1.32305	0.323206	1.17887	1.17887	2.60989	1.07502	0.366137	1
cg26953435	FAM19A2;FAM19A2	0.0957141	0.911796	0.96401	-1.03733	0.531519	1.23324	1.23324	0.138528	1.69467	1.69467	0.861055	1.05966	1.05966	0.620655	1.17942	1.17942	0.122191	1.74039	1.74039	0.11159	0.563709	-1.77397	0.0325757	0.43718	-2.28739	0.0543273	0.485653	-2.05908	2.60985	4.52254	1.54033	1
cg16608593	MTA1	0.0957143	0.0288622	0.348044	-2.8732	0.0824377	0.454805	-2.19875	0.314565	0.653151	-1.53104	0.539391	0.775311	-1.28981	0.0219168	0.32428	-3.08375	0.316549	0.654366	-1.5282	0.0162036	0.29984	-3.33512	0.372794	0.687466	-1.45462	0.084275	0.457384	-2.18635	2.60985	6.93357	2.3615	1
cg01416317	EXOC3L2	0.0957145	0.950921	1.01956	1.01956	0.292813	1.40975	1.40975	0.00391422	0.294664	-3.39369	0.511969	1.2328	1.2328	0.395281	0.760367	-1.31515	0.815565	1.07629	1.07629	0.249481	1.46043	1.46043	0.924924	1.0301	1.0301	0.360347	1.34434	1.34434	2.60985	4.09268	1.39393	1
cg16188589	IRAK2	0.0957151	0.0465099	0.538325	-1.85761	0.146553	0.654903	-1.52694	0.519735	0.837567	-1.19393	0.0369993	0.517938	-1.93073	0.0135909	0.436319	-2.2919	0.0446169	0.534566	-1.87068	0.0995214	0.612396	-1.63293	0.301098	0.747496	-1.3378	0.151854	0.659014	-1.51742	2.60984	3.04954	1.03865	1
cg22969541	MTM1	0.0957154	0.0498458	0.195424	-5.11709	0.184219	0.357722	-2.79547	0.228348	0.39743	-2.51616	0.779247	0.814581	-1.22763	0.0350439	0.166566	-6.00364	0.142324	0.31629	-3.16166	0.0103868	0.0948543	-10.5425	0.598283	0.678394	-1.47407	0.0547581	0.203928	-4.90369	2.60984	22.0158	7.49839	1
cg14948379	MRPS9	0.0957163	0.0772057	0.30683	-3.25914	0.181931	0.42656	-2.34434	0.186839	0.431108	-2.3196	0.983193	1.01275	1.01275	0.0334669	0.224456	-4.45522	0.0647337	0.287216	-3.4817	0.0125466	0.15457	-6.46957	0.979094	0.984366	-1.01588	0.103927	0.343289	-2.913	2.60983	14.9466	5.09071	1
cg05898782	SYNJ2BP	0.0957165	0.535701	1.45398	1.45398	0.0387545	0.239701	-4.17186	0.519612	0.677337	-1.47637	0.233431	2.10772	2.10772	0.29453	0.522648	-1.91334	0.427289	1.62211	1.62211	0.0658845	0.291827	-3.42668	0.663732	1.29833	1.29833	0.0235321	0.199028	-5.02441	2.60983	14.7226	5.01442	1
cg17516330	STRA6;STRA6;STRA6;STRA6;STRA6	0.0957193	0.243239	0.72039	-1.38814	0.0380707	0.524254	-1.90747	0.0134018	0.439318	-2.27626	0.149258	0.660106	-1.51491	0.776756	0.926489	-1.07934	0.723958	0.909154	-1.09992	0.0489667	0.546737	-1.82903	0.0295533	0.502501	-1.99005	0.389738	0.789208	-1.26709	2.60979	2.9817	1.01556	1
cg23309046	CDADC1	0.0957199	0.0479668	0.377518	-2.64888	0.559549	0.775503	-1.28948	0.474824	1.36772	1.36772	0.664603	1.20678	1.20678	0.0297717	0.33221	-3.01014	0.125771	0.489764	-2.0418	0.023081	0.310149	-3.22425	0.142567	0.507064	-1.97214	0.179792	0.541263	-1.84753	2.60979	7.67362	2.61362	1
cg02935980	C7orf50;C7orf50;C7orf50	0.0957202	0.0560693	0.604896	-1.65318	0.727294	0.921888	-1.08473	0.2449	0.753837	-1.32655	0.566488	1.14409	1.14409	0.624178	0.891622	-1.12155	0.0200851	0.521236	-1.91852	0.0427906	1.71891	1.71891	0.922806	0.977736	-1.02277	0.534422	1.15739	1.15739	2.60978	2.23066	0.75976	1
cg06271128	PARD3	0.0957212	0.0711813	0.451333	-2.21566	0.430881	1.37348	1.37348	0.688177	1.17263	1.17263	0.517399	0.771766	-1.29573	0.0228082	0.341146	-2.93129	0.345427	0.681426	-1.46751	0.256747	0.626727	-1.59559	0.0773429	2.1708	2.1708	0.11122	0.504155	-1.98352	2.60977	6.44011	2.1935	1
cg08455380	P4HTM;WDR6;P4HTM	0.0957212	0.91917	1.02349	1.02349	0.87054	0.963376	-1.03802	0.300399	1.27824	1.27824	0.956526	0.987607	-1.01255	0.873454	1.03714	1.03714	0.489572	0.851655	-1.17418	0.00267958	0.386951	-2.58431	0.548237	0.870243	-1.1491	0.141138	0.69625	-1.43627	2.60977	2.163	0.73672	1
cg25382472	STIL;STIL	0.0957224	0.882221	1.01984	1.01984	0.168891	0.823413	-1.21446	0.490908	0.911426	-1.09718	0.581634	0.928891	-1.07655	0.153271	0.816525	-1.2247	0.576443	0.927928	-1.07767	0.00267267	0.576728	-1.73392	0.654324	0.94201	-1.06156	0.405405	1.11944	1.11944	2.60976	0.726188	0.247341	1
cg10369169	NLGN2	0.0957263	0.560743	0.897072	-1.11474	0.670258	0.923957	-1.0823	0.233455	0.793995	-1.25945	0.676988	1.08043	1.08043	0.870597	1.03056	1.03056	0.11584	1.37109	1.37109	0.00422905	2.02822	2.02822	0.476271	0.874811	-1.1431	0.996532	1.0008	1.0008	2.60971	1.40932	0.480025	1
cg12388397	C17orf70;C17orf70	0.0957277	0.596082	0.900301	-1.11074	0.994536	0.998657	-1.00135	0.224181	1.28491	1.28491	0.0886188	0.691572	-1.44598	0.359713	0.831199	-1.20308	0.00888402	0.520102	-1.9227	0.0440446	0.634907	-1.57503	0.348905	0.827514	-1.20844	0.213846	0.773391	-1.29301	2.6097	1.5932	0.542659	1
cg26288779	RFPL1S;RFPL1	0.09573	0.234826	0.755223	-1.32411	0.0676821	1.5864	1.5864	0.170651	0.719682	-1.3895	0.31619	1.26318	1.26318	0.132748	0.693705	-1.44153	0.0628345	0.623817	-1.60303	0.107278	1.48636	1.48636	0.941188	1.01677	1.01677	0.29495	0.782797	-1.27747	2.60967	2.10084	0.715576	1
cg25083312	MCM3;MCM3	0.0957325	0.613453	0.709953	-1.40854	0.502707	0.632903	-1.58002	0.101917	0.299991	-3.33344	0.986131	0.988378	-1.01176	0.140158	2.90764	2.90764	0.278128	2.1349	2.1349	0.00586543	0.0884619	-11.3043	0.616433	0.712031	-1.40443	0.892415	0.913016	-1.09527	2.60964	18.6919	6.36678	1
cg26992415	AMOTL1	0.0957346	0.991224	1.00907	1.00907	0.0589505	5.75974	5.75974	0.273752	2.5472	2.5472	0.278144	2.52389	2.52389	0.00907601	0.0657453	-15.2102	0.487644	1.78406	1.78406	0.289031	2.46827	2.46827	0.814491	1.21283	1.21283	0.562207	0.618128	-1.61779	2.60961	27.8547	9.48788	1
cg23038074	RIPK3	0.0957347	0.0274047	7.78441	7.78441	0.10271	4.07216	4.07216	0.154902	3.31101	3.31101	0.492206	1.7308	1.7308	0.0692831	4.94458	4.94458	0.962331	1.03784	1.03784	0.0115571	11.9849	11.9849	0.396121	1.98065	1.98065	0.0625436	5.19864	5.19864	2.60961	25.5632	8.70735	1
cg11245569	TRIM66	0.095736	0.385593	2.28495	2.28495	0.0256558	11.7336	11.7336	0.0542339	7.6102	7.6102	0.558682	0.577292	-1.73223	0.165311	0.252883	-3.9544	0.639804	0.645413	-1.5494	0.243001	0.32142	-3.11119	0.0855522	5.84479	5.84479	0.450036	2.04428	2.04428	2.6096	35.6699	12.15	1
cg26928858	CCDC57	0.0957375	0.0298098	0.183887	-5.43813	0.0925009	0.293382	-3.40853	0.0548599	0.236405	-4.23004	0.180429	0.389824	-2.56526	0.0303859	0.185348	-5.39525	0.773694	0.826168	-1.21041	0.691811	1.30199	1.30199	0.0462019	0.220281	-4.53966	0.132757	0.341521	-2.92808	2.60958	18.131	6.17587	1
cg21650737	ERICH1	0.0957386	0.039742	3.50842	3.50842	0.133421	2.35041	2.35041	0.235606	1.92737	1.92737	0.213142	1.99794	1.99794	0.0472236	3.31551	3.31551	0.207145	2.01831	2.01831	0.138998	2.31793	2.31793	0.00970601	5.62436	5.62436	0.0613315	3.04315	3.04315	2.60957	11.5176	3.92321	1
cg00905042	GALNT7	0.0957387	0.234196	0.762676	-1.31117	0.150289	0.715344	-1.39793	0.075101	1.53815	1.53815	0.178064	0.732795	-1.36464	0.239418	0.765184	-1.30687	0.0733561	1.54306	1.54306	0.110967	1.45826	1.45826	0.402205	0.830065	-1.20473	0.378083	0.821625	-1.2171	2.60957	1.9506	0.664425	1
cg01137198	PPTC7	0.0957392	0.10557	1.31865	1.31865	0.0555538	1.40415	1.40415	0.257258	1.20318	1.20318	0.205163	0.81129	-1.2326	0.924352	0.985252	-1.01497	0.255172	1.20425	1.20425	0.0326471	0.6763	-1.47863	0.85641	1.02874	1.02874	0.281939	0.839514	-1.19117	2.60956	1.01154	0.344559	1
cg08018356	ZNF146;ZNF146;ZNF565;ZNF146;ZNF146;ZNF565;ZNF146;ZNF146	0.0957392	0.0379302	0.727944	-1.37373	0.728351	0.955039	-1.04708	0.284749	1.1579	1.1579	0.293832	0.866179	-1.1545	0.399784	0.892504	-1.12044	0.0418879	0.733892	-1.3626	0.339095	0.878093	-1.13883	0.979585	0.99663	-1.00338	0.0420299	1.36222	1.36222	2.60956	0.719449	0.245064	1
cg26354367	NCRNA00171	0.0957411	0.793571	0.912299	-1.09613	0.00416677	3.83428	3.83428	0.409446	0.744332	-1.34349	0.100377	1.87761	1.87761	0.306729	0.690484	-1.44826	0.455843	1.30451	1.30451	0.446178	1.3123	1.3123	0.368597	1.38157	1.38157	0.812229	1.08686	1.08686	2.60954	5.06301	1.72462	1
cg18442524	GFRA3	0.0957433	0.0377398	0.629255	-1.58918	0.478891	0.870772	-1.14841	0.195297	1.30121	1.30121	0.795511	0.951303	-1.05119	0.0322375	0.617499	-1.61944	0.733535	0.936428	-1.06789	0.0150877	0.563228	-1.77548	0.506988	0.878617	-1.13815	0.429373	0.856356	-1.16774	2.60951	1.52708	0.520176	1
cg06815153	CBLN3;KHNYN;KHNYN	0.0957445	0.960326	0.931561	-1.07347	0.896826	0.831195	-1.20309	0.774885	1.50478	1.50478	0.610678	0.481077	-2.07867	0.677322	0.550801	-1.81554	0.342151	4.0344	4.0344	0.00203959	491.038	491.038	0.892148	1.21329	1.21329	0.560737	0.432433	-2.3125	2.6095	83.9409	28.5933	1
cg18282393	ACOXL;ACOXL;ACOXL	0.0957467	0.0500473	0.484625	-2.06345	0.0921387	0.548258	-1.82396	0.014196	0.375005	-2.66663	0.0836258	0.537552	-1.86029	0.813626	0.926297	-1.07957	0.92641	0.970496	-1.0304	0.474512	1.26589	1.26589	0.283872	1.43466	1.43466	0.903366	0.96139	-1.04016	2.60947	4.34339	1.47953	1
cg16069520	CKAP5;CKAP5	0.0957469	0.0241985	0.681674	-1.46698	0.187475	0.819386	-1.22043	0.0281057	0.690851	-1.44749	0.511928	0.909508	-1.0995	0.21287	0.829379	-1.20572	0.526957	0.912645	-1.09572	0.0349629	0.704399	-1.41965	0.254348	1.18498	1.18498	0.92105	1.01424	1.01424	2.60947	0.840361	0.28626	1
cg22593889	ZNF761	0.0957473	0.00223727	0.227351	-4.39849	0.476407	1.28475	1.28475	0.72439	1.13033	1.13033	0.775167	1.10417	1.10417	0.611189	0.837432	-1.19413	0.436496	1.31613	1.31613	0.823906	1.08018	1.08018	0.84272	1.07116	1.07116	0.835724	1.0745	1.0745	2.60947	4.94899	1.68582	1
cg00500027	OTOF;OTOF;OTOF;OTOF	0.0957496	0.0722246	0.633427	-1.57871	0.73192	1.0814	1.0814	0.0298501	0.558958	-1.78904	0.946812	1.0153	1.0153	0.0481562	0.598117	-1.67191	0.178763	0.722461	-1.38416	0.0292184	0.557261	-1.79449	0.0574845	0.613274	-1.63059	0.67089	0.907306	-1.10216	2.60944	2.14051	0.729151	1
cg04285477	C14orf43;C14orf43	0.0957511	?	?	?	0.553192	0.864737	-1.15642	0.17582	0.691254	-1.44665	?	?	?	?	?	?	?	?	?	0.0298199	0.475801	-2.10172	0.382351	1.2466	1.2466	0.0484959	0.532126	-1.87926	4.16777	1.82659	0.350612	1
cg26730347	SLC5A1	0.0957512	0.469646	0.807021	-1.23913	0.201812	1.48118	1.48118	0.0387082	0.497686	-2.0093	0.0466354	1.94265	1.94265	0.0333206	0.484339	-2.06467	0.881491	0.957452	-1.04444	0.739755	0.907407	-1.10204	0.776228	1.08661	1.08661	0.575082	1.17949	1.17949	2.60942	3.51089	1.19597	1
cg07433178	SYNPO;SYNPO	0.0957534	0.0484157	0.406823	-2.45807	0.117295	0.507378	-1.97092	0.686702	0.850685	-1.17552	0.647487	0.832258	-1.20155	0.119548	0.509836	-1.96141	0.432644	0.726607	-1.37626	0.0034939	0.205902	-4.85669	0.248554	0.618132	-1.61778	0.407732	0.713378	-1.40178	2.6094	6.5736	2.23929	1
cg17272838	PET112L	0.095754	0.0259531	0.227497	-4.39567	0.681609	0.793693	-1.25993	0.208552	0.475888	-2.10133	0.26373	0.520715	-1.92043	0.0498025	0.28557	-3.50177	0.193649	0.462836	-2.16059	0.00835891	0.151451	-6.60282	0.448688	0.648918	-1.54103	0.0882023	0.348621	-2.86844	2.60939	12.9654	4.41668	1
cg14332918	PICK1;PICK1;PICK1	0.0957544	0.307039	0.748235	-1.33648	0.44771	0.808769	-1.23645	0.191718	0.684491	-1.46094	0.295478	1.34658	1.34658	0.0451178	0.532304	-1.87862	0.321886	0.755264	-1.32404	0.0156654	0.44372	-2.25367	0.562216	1.17436	1.17436	0.044877	0.531819	-1.88034	2.60938	3.10909	1.05911	1
cg07258998	RGS9BP;RGS9BP	0.0957551	0.165359	3.11995	3.11995	0.647744	1.42437	1.42437	0.223272	2.67507	2.67507	0.732455	0.768075	-1.30196	0.261658	0.406538	-2.4598	0.929389	0.934118	-1.07053	0.58184	0.652017	-1.5337	0.00366448	20.5184	20.5184	0.623512	1.46293	1.46293	2.60938	24.4357	8.32408	1
cg21440645	TANC1;TANC1	0.095757	0.477199	0.519133	-1.92629	0.141608	0.238431	-4.19409	0.00804575	0.0459743	-21.7513	0.0354158	0.108413	-9.224	0.402285	0.459531	-2.17613	0.169636	0.265257	-3.76993	0.0610171	0.147309	-6.78843	0.539583	1.75659	1.75659	0.518344	0.552123	-1.81119	2.60935	34.0048	11.5839	1
cg18242682	FOXK2	0.0957587	0.235614	0.639577	-1.56353	0.324617	1.44164	1.44164	0.0340034	0.410709	-2.43481	0.144033	1.75837	1.75837	0.0250714	0.383529	-2.60736	0.10456	0.528362	-1.89264	0.843649	0.931456	-1.07359	0.418461	0.742824	-1.34621	0.880892	1.0554	1.0554	2.60933	5.34366	1.82036	1
cg12180703	SLC32A1	0.0957595	0.112128	0.730007	-1.36985	0.551	0.896063	-1.11599	0.888254	0.974747	-1.02591	0.122909	0.737812	-1.35536	0.077925	0.700214	-1.42814	0.296649	0.821312	-1.21756	0.585256	1.10545	1.10545	0.0212657	1.65478	1.65478	0.302109	1.21468	1.21468	2.60933	1.36769	0.465914	1
cg03916421	SCLT1;C4orf33	0.0957599	0.0319332	0.302266	-3.30834	0.0629785	0.369528	-2.70615	0.762705	1.15503	1.15503	0.569382	0.760573	-1.3148	0.0455384	0.335749	-2.97841	0.394631	0.660363	-1.51432	0.0271809	0.288128	-3.47068	0.0405899	0.324523	-3.08144	0.217188	0.539047	-1.85513	2.60932	9.36132	3.18902	1
cg16298202	TMEM155	0.0957601	0.485684	1.48631	1.48631	0.791432	1.15982	1.15982	0.28642	0.538339	-1.85757	0.670889	0.787332	-1.27011	0.374959	0.600855	-1.6643	0.182588	2.20616	2.20616	0.00363831	0.110717	-9.03203	0.751262	1.19469	1.19469	0.758494	1.18829	1.18829	2.60932	12.9321	4.40543	1
cg07464571	LEP	0.0957617	0.0322284	9.76528	9.76528	0.202377	3.39705	3.39705	0.346477	2.41299	2.41299	0.104472	5.01524	5.01524	0.0534247	7.34036	7.34036	0.206918	3.35139	3.35139	0.0391409	8.74902	8.74902	0.0187345	13.3075	13.3075	0.072642	6.17	6.17	2.6093	34.116	11.622	1
cg22950793	GMPR	0.0957623	0.249834	1.18637	1.18637	0.230574	0.836334	-1.19569	0.309625	1.16115	1.16115	0.794697	0.963621	-1.03775	0.369496	1.13993	1.13993	0.0790012	0.757939	-1.31937	0.0353535	1.41654	1.41654	0.745515	0.954777	-1.04737	0.0366239	1.41212	1.41212	2.60929	0.834502	0.284284	1
cg19841005	PIP5K1C	0.0957682	0.0909193	2.47035	2.47035	0.00906159	5.00604	5.00604	0.0710028	2.66309	2.66309	0.657256	1.24217	1.24217	0.406758	1.51004	1.51004	0.191479	1.95729	1.95729	0.0691919	2.684	2.684	0.0287774	3.49838	3.49838	0.300946	1.68285	1.68285	2.60922	9.74526	3.31993	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00071265	PSMA7	0.0957684	0.272281	0.751993	-1.3298	0.852066	0.954503	-1.04767	0.0160473	2.0857	2.0857	0.682532	1.10802	1.10802	0.571057	0.866931	-1.15349
cg15563027	APBB2;APBB2;APBB2	0.0957691	0.279067	1.83969	1.83969	0.943725	1.03898	1.03898	0.170019	2.20702	2.20702	0.216841	0.494663	-2.02158	0.238096	1.95302	1.95302
cg16640855	NEUROD1	0.0957717	0.0500137	23.6653	23.6653	0.281107	4.88409	4.88409	0.103679	12.4202	12.4202	0.119566	10.9265	10.9265	0.173003	0.128366	-7.79025
cg08715791	NPAS4	0.0957727	0.628505	0.913903	-1.09421	0.0891469	0.707388	-1.41365	0.242815	0.797952	-1.25321	0.0773663	0.695887	-1.43702	0.322444	0.828002	-1.20773
cg01725586	FAM123C;FAM123C;FAM123C;FAM123C	0.0957733	0.0622667	1.54415	1.54415	0.106235	1.4408	1.4408	0.193171	1.32985	1.32985	0.351369	1.21964	1.21964	0.357558	1.21637	1.21637
cg06093993	TAAR2	0.0957733	0.621013	0.870461	-1.14882	0.0083303	0.391144	-2.5566	0.0307856	0.493556	-2.02611	0.193606	0.681877	-1.46654	0.702022	0.898519	-1.11294
cg15085805	LSM4	0.0957743	0.0133881	0.472697	-2.11552	0.202716	1.38953	1.38953	0.982623	0.994686	-1.00534	0.0990996	0.642566	-1.55626	0.849733	1.04749	1.04749
cg17831269	CHD5	0.0957745	0.042965	52.5479	52.5479	0.26169	7.32129	7.32129	0.416318	4.10826	4.10826	0.104534	20.4486	20.4486	0.0793525	27.4564	27.4564
cg20383948	COL18A1;COL18A1;COL18A1	0.095776	0.107935	0.32298	-3.09617	0.251301	0.461969	-2.16465	0.975553	1.01994	1.01994	0.52467	0.660093	-1.51494	0.183105	0.402463	-2.4847
cg10035737	ADAM11	0.0957765	0.729095	0.851811	-1.17397	0.127204	2.14027	2.14027	0.945423	0.968911	-1.03209	0.108146	0.445473	-2.2448	0.136144	0.476723	-2.09766
cg04120839	WDR5B	0.0957774	0.213862	0.827974	-1.20777	0.823325	0.968261	-1.03278	0.768796	1.04343	1.04343	0.79736	0.963568	-1.03781	0.0119345	0.636039	-1.57223
cg03555470	SMCR7;SMCR7;SMCR7	0.0957786	0.363445	1.29753	1.29753	0.33978	1.3157	1.3157	0.919318	1.02866	1.02866	0.256146	1.39174	1.39174	0.671422	1.12636	1.12636
cg22891413	SLC6A3	0.0957798	0.297836	1.38271	1.38271	0.0424631	2.01688	2.01688	0.48906	0.809762	-1.23493	0.954106	0.982868	-1.01743	0.359482	0.7536	-1.32696
cg20327862	C8orf47;C8orf47	0.0957808	0.591058	0.802397	-1.24627	0.107068	2.04217	2.04217	0.757393	0.881823	-1.13401	0.216965	1.6943	1.6943	0.240806	1.64612	1.64612
cg07532609	C14orf2;C14orf2	0.095782	0.0147272	0.191974	-5.20904	0.979405	0.985908	-1.01429	0.379442	0.609139	-1.64166	0.200689	0.475665	-2.10232	0.243193	0.511	-1.95695
cg26885578	UQCR;UQCR	0.0957829	0.485911	1.11691	1.11691	0.300962	1.18218	1.18218	0.887802	1.02229	1.02229	0.689139	0.939139	-1.06481	0.582083	0.916863	-1.09068
cg17389295	FBL	0.095784	0.0455166	1.51089	1.51089	0.0191367	1.66564	1.66564	0.854027	1.0337	1.0337	0.237388	0.80032	-1.2495	0.154747	1.3153	1.3153
cg24600221	IGF1R	0.095785	0.149365	0.266173	-3.75696	0.2883	0.389142	-2.56976	0.570649	0.612218	-1.63341	0.179776	0.295293	-3.38647	0.00339581	0.0330531	-30.2543
cg15484988	GALR1	0.0957856	0.0357214	0.671461	-1.48929	0.605091	1.08873	1.08873	0.756591	1.05198	1.05198	0.0492011	0.693586	-1.44178	0.829298	1.03581	1.03581
cg00994984	LAMP1	0.0957858	0.632415	0.900856	-1.11006	0.387494	0.825384	-1.21156	0.265058	0.777516	-1.28615	0.871118	1.0358	1.0358	0.058551	0.629396	-1.58882
cg05374809	C14orf23	0.0957877	0.0388916	0.106788	-9.36431	0.0970146	0.181957	-5.49582	0.150572	0.236595	-4.22662	0.204211	0.285512	-3.50248	0.277855	0.347954	-2.87394
cg11251378	PLEKHA3;MIR548N	0.0957877	0.205802	1.26652	1.26652	0.645162	1.08555	1.08555	0.266591	1.22741	1.22741	0.0860099	0.714735	-1.39912	0.300624	0.827064	-1.2091
cg25347698	USP37	0.0957882	0.0370094	0.525459	-1.9031	0.183575	1.45478	1.45478	0.119272	0.638159	-1.56701	0.278265	0.741158	-1.34924	0.0476134	0.547772	-1.82558
cg06814194	PRDM16;PRDM16	0.0957883	0.145439	1.74366	1.74366	0.737729	0.887338	-1.12697	0.285661	0.674088	-1.48349	0.0156897	2.86708	2.86708	0.884515	1.05305	1.05305
cg08734931	FRMD4A	0.0957893	0.413792	0.779548	-1.2828	0.0343565	0.479141	-2.08707	0.669826	0.87998	-1.13639	0.476025	1.24115	1.24115	0.572111	0.843517	-1.18551
cg18964251	MIR591;SLC25A13;SLC25A13;SLC25A13	0.0957899	0.0589197	2.19297	2.19297	0.468033	0.761994	-1.31235	0.773125	0.899056	-1.11228	0.355802	1.41858	1.41858	0.134883	1.81007	1.81007
cg11844769	TRIM54;TRIM54	0.0957912	0.323477	1.28833	1.28833	0.397648	1.24006	1.24006	0.985678	1.00447	1.00447	0.073282	1.64247	1.64247	0.98884	1.00348	1.00348
cg07271580	FAM198B;FAM198B;FAM198B	0.0957919	0.643607	0.782592	-1.2778	0.0391937	0.284905	-3.50995	0.0144607	0.204806	-4.88267	0.82573	1.12303	1.12303	0.041199	0.289591	-3.45314
cg24549236	C13orf35;C13orf35	0.0957939	0.803481	1.06586	1.06586	0.513273	0.844007	-1.18482	0.678242	1.11262	1.11262	0.163216	0.683388	-1.4633	0.597983	1.14582	1.14582
cg24276988	GNAS;GNAS;GNAS;GNAS	0.0957946	0.228776	1.56499	1.56499	0.0146274	0.344373	-2.90383	0.318051	0.693534	-1.44189	0.373962	1.38211	1.38211	0.404111	0.738805	-1.35354
cg01345517	DERA	0.095795	0.77999	1.02626	1.02626	0.221233	1.12641	1.12641	0.0309486	1.26431	1.26431	0.453174	0.931701	-1.07331	0.24518	0.893568	-1.11911
cg15727249	APOA4	0.0957971	0.178647	0.536115	-1.86527	0.169246	0.527856	-1.89446	0.0612955	0.398548	-2.50911	0.605974	0.796907	-1.25485	0.005514	0.203599	-4.91161
cg05784847	TRPM1	0.0957992	0.163628	0.327051	-3.05763	0.0621688	0.206262	-4.84819	0.116093	0.276943	-3.61085	0.74075	0.779093	-1.28354	0.0340354	0.155663	-6.42413
cg15716405	EDIL3	0.0958003	0.302097	1.35244	1.35244	0.319113	1.33746	1.33746	0.919412	1.02899	1.02899	0.631322	1.1463	1.1463	0.885904	0.960264	-1.04138
cg05937630	AKR7A3	0.0958047	0.263295	0.487429	-2.05158	0.0977953	0.326515	-3.06265	0.244305	0.472093	-2.11823	0.311139	0.524285	-1.90736	0.354107	0.55573	-1.79944
cg09070095	NUDT11	0.0958066	0.0546777	0.233349	-4.28543	0.276705	0.469824	-2.12846	0.649009	1.35791	1.35791	0.0419495	4.7831	4.7831	0.0890661	3.49749	3.49749
cg23350838	C19orf61	0.0958071	0.0282881	0.586454	-1.70516	0.198944	0.755981	-1.32278	0.95043	1.01289	1.01289	0.886409	0.970973	-1.0299	0.212347	1.3109	1.3109
cg06959457	SH2D4B;SH2D4B	0.0958112	0.378424	0.820808	-1.21831	0.0067424	2.15447	2.15447	0.616208	0.895451	-1.11676	0.905354	1.02633	1.02633	0.430025	1.19246	1.19246
cg24341722	PIK3R3;PIK3R3	0.0958114	0.87587	1.02137	1.02137	0.201192	0.833137	-1.20028	0.99582	1.00071	1.00071	0.240608	0.846919	-1.18075	0.629178	0.936314	-1.06802
cg06813486	MYO7A;MYO7A;MYO7A	0.0958114	0.14952	1.33428	1.33428	0.517663	1.13021	1.13021	0.172798	0.762803	-1.31095	0.104979	0.718474	-1.39184	0.08674	0.702537	-1.42341
cg07064406	YWHAB;YWHAB	0.0958116	0.477296	0.836599	-1.19532	0.0143878	0.474781	-2.10623	0.0835744	0.623213	-1.60459	0.151001	0.683878	-1.46225	0.0309294	0.534936	-1.86938
cg24876969	ZNF311	0.0958127	0.634509	0.831568	-1.20255	0.935719	0.969412	-1.03155	0.251262	0.630244	-1.58669	0.0223176	0.348344	-2.87072	0.0285484	0.36969	-2.70497
cg19322228	ADIPOR1;ADIPOR1	0.0958147	0.0196678	0.109513	-9.13132	0.0749036	0.210792	-4.74402	0.0778331	0.214794	-4.65563	0.166632	0.314293	-3.18174	0.0797533	0.217378	-4.60028
cg01888055	SNORD115-19;SNORD115-17;SNORD115-18;SNORD115-19;SNORD115-17;SNORD115-18	0.0958163	0.0247162	0.187126	-5.34399	0.0203891	0.173444	-5.76554	0.0975605	0.320013	-3.12487	0.190509	0.419429	-2.38419	0.0647807	0.272539	-3.66919
cg25695378	ANK2	0.0958172	0.196884	0.678524	-1.47379	0.535911	0.836783	-1.19505	0.0914045	0.589527	-1.69627	0.563057	0.846873	-1.18082	0.0128399	0.415452	-2.40702
cg22855255	CA10;CA10;CA10	0.0958176	0.59258	0.844964	-1.18348	0.11592	0.586883	-1.70392	0.0503757	2.00498	2.00498	0.197923	1.52871	1.52871	0.269428	0.698587	-1.43146
cg25995289	C19orf12;C19orf12	0.0958179	0.953992	1.02779	1.02779	0.764957	1.15309	1.15309	0.837294	0.906931	-1.10262	0.0384725	3.1242	3.1242	0.0481673	0.34203	-2.92372
cg08393541	NUDC	0.0958193	0.190403	1.24598	1.24598	0.345995	0.857337	-1.1664	0.678443	0.936016	-1.06836	0.950114	0.990126	-1.00997	0.284272	1.19294	1.19294
cg08732456	PRKCZ;PRKCZ	0.0958211	0.495049	1.31643	1.31643	0.0524923	2.39868	2.39868	0.0422657	2.53023	2.53023	0.379994	1.42954	1.42954	0.146158	0.538456	-1.85716
cg24838764	SEMA5B	0.0958227	0.0203444	0.553208	-1.80764	0.0123328	0.517033	-1.93411	0.505017	0.866584	-1.15396	0.583036	0.889261	-1.12453	0.906492	0.975431	-1.02519
cg05527430	HPGD;HPGD;HPGD	0.0958228	0.239487	0.646052	-1.54786	0.941423	0.974272	-1.02641	0.18311	1.65038	1.65038	0.164781	0.591183	-1.69152	0.0292484	0.402108	-2.48689
cg22999786	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6	0.0958236	0.115574	0.147979	-6.75773	0.0582118	0.0915435	-10.9238	0.688832	0.637881	-1.56769	0.40759	2.57583	2.57583	0.0478628	0.07992	-12.5125
cg01517208	ST6GALNAC3;ST6GALNAC3	0.0958236	0.077294	0.501123	-1.99552	0.131259	0.563734	-1.77389	0.0074065	0.297115	-3.3657	0.136167	0.568432	-1.75923	0.402317	0.739695	-1.35191
cg03325931	BAMBI	0.0958236	0.171577	0.386588	-2.58673	0.00426981	0.0823877	-12.1377	0.0297175	0.188103	-5.31622	0.918767	0.935558	-1.06888	0.195464	0.409002	-2.44498
cg09969806	KIF1A	0.0958243	0.734402	0.945049	-1.05815	0.319384	0.843005	-1.18623	0.00924945	1.73019	1.73019	0.42611	1.1444	1.1444	0.655092	1.07748	1.07748
cg14537639	SLC4A1AP;SUPT7L;SUPT7L	0.0958262	0.773994	1.05581	1.05581	0.187729	0.768488	-1.30126	0.0596254	0.669676	-1.49326	0.0968218	0.709064	-1.41031	0.363346	1.19269	1.19269
cg12184450	ACACA;ACACA;ACACA	0.0958262	0.511109	0.857692	-1.16592	0.00958898	0.469839	-2.12839	0.144107	0.696686	-1.43537	0.67172	0.906486	-1.10316	0.15758	0.706058	-1.41631
cg02842382	HIBADH	0.0958269	0.0173771	0.177086	-5.64699	0.742212	0.820964	-1.21808	0.400358	0.597792	-1.67282	0.175435	0.422673	-2.3659	0.0150096	0.167474	-5.97106
cg01688202	SPATA2;SPATA2	0.0958271	0.134678	2.29719	2.29719	0.647938	1.26754	1.26754	0.0436429	3.30718	3.30718	0.0236752	4.02634	4.02634	0.986952	0.991603	-1.00847
cg11525548	CAMTA1	0.0958303	0.132356	0.376468	-2.65626	0.0131921	0.157499	-6.34925	0.10902	0.349467	-2.8615	0.626991	0.744831	-1.34259	0.0205102	0.186523	-5.36127
cg04144938	C19orf45	0.0958331	0.294017	0.592739	-1.68708	0.0796343	2.54663	2.54663	0.924283	1.04674	1.04674	0.213535	1.87647	1.87647	0.0100692	0.210023	-4.76139
cg26045220	C1orf194;KIAA1324;C1orf194	0.0958358	0.144299	1.34382	1.34382	0.0519431	1.51692	1.51692	0.395633	1.17812	1.17812	0.12322	1.36976	1.36976	0.873153	1.03056	1.03056
cg19324313	PRDM2;PRDM2;PRDM2	0.0958362	0.0108465	0.515367	-1.94036	0.429746	0.846191	-1.18177	0.322559	0.809189	-1.2358	0.967216	1.00855	1.00855	0.781171	1.0594	1.0594
cg04008821	PLK3	0.0958382	0.0370635	0.582731	-1.71606	0.495435	0.856932	-1.16695	0.0711198	0.637835	-1.5678	0.835658	1.04743	1.04743	0.0489504	0.605632	-1.65117
cg05983906	LOC731789	0.0958387	0.0772872	0.626761	-1.5955	0.553576	0.867147	-1.15321	0.866918	0.960891	-1.0407	0.033292	0.55334	-1.80721	0.0119044	0.473957	-2.1099
cg15827554	EML4;EML4	0.0958423	0.0151345	4.01915	4.01915	?	?	?	0.512329	0.763008	-1.3106	0.293449	1.56875	1.56875	?	?	?
cg07690018	CPNE7;CPNE7	0.0958434	0.212628	5.06631	5.06631	0.0373733	19.8106	19.8106	0.109621	8.63666	8.63666	0.143514	6.97929	6.97929	0.198358	5.36705	5.36705
cg22320059	MYO7A;MYO7A;MYO7A	0.0958468	0.246146	0.743072	-1.34576	0.222279	1.36895	1.36895	0.410922	1.22859	1.22859	0.378376	1.24768	1.24768	0.157067	0.690377	-1.44848
cg09584785	NOS1AP;NOS1AP;NOS1AP;NOS1AP	0.0958517	0.0921637	0.573807	-1.74275	0.492313	0.811427	-1.2324	0.0288445	0.46196	-2.16469	0.36883	0.758381	-1.3186	0.0635151	0.535167	-1.86857
cg00174252	ATP5J;ATP5J;ATP5J;ATP5J;ATP5J	0.0958565	0.829611	1.1378	1.1378	0.386865	0.587826	-1.70118	0.362651	0.570949	-1.75147	0.94828	0.961887	-1.03962	0.660932	0.767671	-1.30264
cg02876066	ELL	0.095857	0.83773	0.955342	-1.04675	0.496071	1.16646	1.16646	0.542433	1.14725	1.14725	0.0161611	0.519141	-1.92626	0.601969	0.889373	-1.12439
cg24439623	ABR;ABR;ABR	0.0958585	0.990023	0.994175	-1.00586	0.681947	1.21232	1.21232	0.163804	2.00231	2.00231	0.580441	1.29806	1.29806	0.0814783	0.405634	-2.46528
cg14373068	HCCA2	0.0958598	0.0261862	0.392422	-2.54828	0.669082	0.858584	-1.16471	0.752292	0.893791	-1.11883	0.217622	0.631318	-1.58399	0.00620091	0.282084	-3.54504
cg15331855	TRIM29	0.0958618	0.238619	1.38905	1.38905	0.49052	1.20499	1.20499	0.00453525	0.36538	-2.73688	0.905119	1.03226	1.03226	0.520561	1.18934	1.18934
cg25105652	DAB2	0.0958622	0.254871	0.667393	-1.49837	0.12425	1.76153	1.76153	0.0566936	0.480117	-2.08282	0.0441271	0.455365	-2.19604	0.429628	0.760142	-1.31554
cg15963983	FOXP1	0.0958623	0.682501	1.11225	1.11225	0.899771	1.03313	1.03313	0.931043	0.977862	-1.02264	0.286268	0.750926	-1.33169	0.00292059	0.347253	-2.87974
cg20988109	LOC492303;ZNF326;ZNF326	0.0958665	0.769573	0.839139	-1.1917	0.00758412	0.12868	-7.7712	0.180146	2.33925	2.33925	0.110039	0.353467	-2.82912	0.233028	0.473968	-2.10985
cg10196128	ZNF284	0.0958667	0.955603	0.965429	-1.03581	0.814596	1.16003	1.16003	0.294144	1.98901	1.98901	0.0441102	0.231859	-4.31297	0.704768	1.27196	1.27196
cg00059740	C7orf49;C7orf49;C7orf49	0.0958681	0.292901	0.899806	-1.11135	0.0597228	1.22824	1.22824	0.978381	1.00263	1.00263	0.14494	1.16354	1.16354	0.596721	0.949644	-1.05303
cg09239591	XDH	0.0958689	0.0155443	0.393704	-2.53998	0.0406961	0.476035	-2.10068	0.358527	0.743352	-1.34526	0.350242	0.739312	-1.35261	0.283898	0.704891	-1.41866
cg02737609	DHDDS;DHDDS	0.0958701	0.0156857	2.42378	2.42378	0.06565	0.539271	-1.85436	0.167133	0.643883	-1.55308	0.561555	1.1918	1.1918	0.339121	1.34249	1.34249
cg08535373	SLC32A1	0.0958701	0.779555	0.965532	-1.0357	0.0583389	1.30658	1.30658	0.337521	0.883736	-1.13156	0.28546	1.14875	1.14875	0.0977832	1.25491	1.25491
cg03797398	C4orf48;C4orf48	0.095871	0.125289	1.315	1.315	0.120929	1.31992	1.31992	0.0957326	1.35257	1.35257	0.973321	0.994496	-1.00553	0.0686464	1.39985	1.39985
cg06686156	ACSM5	0.095871	0.163352	0.568138	-1.76014	0.151236	0.557398	-1.79405	0.296277	0.662604	-1.5092	0.34982	0.693675	-1.4416	0.00314398	0.215637	-4.63743
cg18464080	VPS13C;VPS13C;VPS13C;VPS13C	0.0958745	0.557464	0.858063	-1.16542	0.891766	1.03575	1.03575	0.71241	0.908889	-1.10024	0.0364253	0.533937	-1.87288	0.0283059	1.95043	1.95043
cg04453352	MLXIP	0.0958758	0.0164754	0.256477	-3.89899	0.370456	0.65242	-1.53276	0.385833	0.661779	-1.51108	0.109771	0.445062	-2.24688	0.0106057	0.224842	-4.44757
cg23191528	SYNGAP1	0.0958763	0.365919	0.65732	-1.52133	0.00935908	0.225703	-4.4306	0.061829	0.386757	-2.5856	0.281918	0.603453	-1.65713	0.098606	0.441272	-2.26618
cg18449879	CYP4F11;CYP4F11	0.0958774	0.975345	0.98469	-1.01555	0.22419	1.89163	1.89163	0.494461	1.41392	1.41392	0.878511	1.07936	1.07936	0.0563583	0.340038	-2.94085
cg01813761	PARP2;PARP2;RPPH1	0.0958793	0.760839	1.07752	1.07752	0.269852	1.32445	1.32445	0.00977838	2.22318	2.22318	0.0531196	1.71159	1.71159	0.764483	1.07625	1.07625
cg11148058	CPSF4;CPSF4;PTCD1	0.0958798	0.354138	0.854109	-1.17081	0.0848016	1.37066	1.37066	0.0199816	1.59121	1.59121	0.130825	0.763472	-1.30981	0.234376	0.813666	-1.22901
cg14196186	RAB37;RAB37;RAB37;RAB37	0.0958818	0.135898	2.39998	2.39998	0.269865	1.86996	1.86996	0.547635	0.717857	-1.39303	0.517377	1.42985	1.42985	0.166413	0.447609	-2.23409
cg09118932	PXDN	0.0958833	0.0269809	0.509949	-1.96098	0.420138	1.23588	1.23588	0.23856	0.728036	-1.37356	0.401205	0.801769	-1.24724	0.502512	1.19123	1.19123
cg07267166	ZNF323;ZNF323;ZKSCAN3	0.095884	0.131846	0.902048	-1.10859	0.020834	0.838369	-1.19279	0.639512	0.970543	-1.03035	0.759456	1.01966	1.01966	0.0584656	1.14511	1.14511
cg05924445	CCDC63	0.0958859	0.193917	0.540986	-1.84848	0.177566	1.89738	1.89738	0.800714	1.11969	1.11969	0.795482	0.890382	-1.12311	0.672045	1.20965	1.20965
cg18864914	ATP5A1;ATP5A1	0.0958862	0.215722	1.38077	1.38077	0.799739	0.938994	-1.06497	0.364638	1.25945	1.25945	0.467916	0.832862	-1.20068	0.0290832	0.528917	-1.89066
cg08598654	DLX6AS	0.0958881	0.0587613	3.63133	3.63133	0.89669	1.08164	1.08164	0.258674	0.490697	-2.03792	0.14591	0.389427	-2.56788	0.279914	1.97102	1.97102
cg05494069	PRKAA2	0.0958881	0.605429	0.894213	-1.1183	0.427459	1.18986	1.18986	0.0220955	1.8019	1.8019	0.481019	1.16612	1.16612	0.443819	0.845774	-1.18235
cg21406967	TRIP6;SLC12A9	0.0958884	0.757603	1.05999	1.05999	0.37349	1.1876	1.1876	0.227866	0.788033	-1.26898	0.0108817	1.82519	1.82519	0.163541	1.32291	1.32291
cg21901643	GABRB2;GABRB2	0.0958898	0.107931	2.13278	2.13278	0.167956	1.88615	1.88615	0.912187	1.04879	1.04879	0.0154575	3.60712	3.60712	0.499394	0.743735	-1.34457
cg25858249	PLEKHG1	0.0958904	0.533157	0.771962	-1.2954	0.120501	0.501303	-1.9948	0.111078	0.490767	-2.03763	0.0431182	0.385125	-2.59656	0.00541852	0.222965	-4.485
cg15258080	HK1;HK1;HK1;HK1;HK1	0.0958918	0.258976	0.829426	-1.20565	0.555246	0.909595	-1.09939	0.263387	0.830977	-1.2034	0.0611613	1.39802	1.39802	0.724924	1.05771	1.05771
cg03565750	PNKP	0.0958929	0.0640416	0.683031	-1.46406	0.123506	1.35741	1.35741	0.267095	1.23586	1.23586	0.238673	0.797684	-1.25363	0.0175164	0.588843	-1.69825
cg15328582	SFT2D2	0.0958931	0.265526	1.26084	1.26084	0.236638	0.780596	-1.28107	0.0858317	0.684387	-1.46116	0.364263	0.830074	-1.20471	0.909784	0.977612	-1.0229
cg00516501	NCAPG2	0.0958931	0.516739	1.174	1.174	0.200057	0.718701	-1.3914	0.732975	1.08715	1.08715	0.0347944	1.82278	1.82278	0.0335834	1.83262	1.83262
cg05736011	SNORD116-17;SNORD116-19	0.0958938	0.19847	0.530222	-1.886	0.0425219	0.33607	-2.97557	0.144837	2.07732	2.07732	0.18297	0.516999	-1.93424	0.225993	0.552351	-1.81044
cg23461615	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.0958938	0.0405535	14.0293	14.0293	0.0294301	17.5334	17.5334	0.0841902	8.44456	8.44456	0.11712	6.69161	6.69161	0.0857995	8.33339	8.33339
cg12059793	IGSF21	0.0958945	0.33731	0.60008	-1.66644	0.0142412	4.7631	4.7631	0.0492565	3.18574	3.18574	0.319031	1.70174	1.70174	0.0954764	0.388467	-2.57422
cg15912010	NRXN1;NRXN1	0.0958955	0.366983	0.560374	-1.78452	0.0171374	6.14457	6.14457	0.0182964	5.98705	5.98705	0.942216	1.04634	1.04634	0.375477	0.566421	-1.76547
cg13404472	AHRR	0.095896	0.552067	0.932282	-1.07264	0.0798553	0.797287	-1.25425	0.149525	0.835176	-1.19735	0.617448	1.06605	1.06605	0.157834	0.838606	-1.19246
cg25001794	C4orf33;SCLT1;SCLT1	0.0958968	0.0733846	1.12372	1.12372	0.332158	0.943221	-1.0602	0.939036	1.00448	1.00448	0.010149	0.827414	-1.20858	0.15048	0.91389	-1.09422
cg06141120	EIF2B5;EIF2B5	0.0958969	0.0573527	0.55903	-1.78881	0.87868	0.959522	-1.04219	0.717319	1.10335	1.10335	0.772331	0.924525	-1.08164	0.355025	1.29353	1.29353
cg15207055	SH3D19;SH3D19;SH3D19;SH3D19	0.095897	0.457202	0.816428	-1.22485	0.853153	1.05089	1.05089	0.810507	0.93768	-1.06646	0.282081	1.3491	1.3491	0.0454626	0.540888	-1.84881
cg09891129	GPR83	0.0958997	0.14465	1.22346	1.22346	0.113345	0.801077	-1.24832	0.545367	0.924241	-1.08197	0.40932	0.897067	-1.11474	0.0154879	0.682301	-1.46563
cg14533737	ARID1B;ARID1B;ARID1B	0.0959047	0.496644	0.772966	-1.29372	0.354759	1.42648	1.42648	0.868124	0.939879	-1.06397	0.603638	1.21583	1.21583	0.00347002	0.227577	-4.39413
cg12093443	CSMD3;CSMD3;CSMD3	0.0959076	0.745712	1.03721	1.03721	0.514498	1.07705	1.07705	0.620141	0.94544	-1.05771	0.715193	1.04201	1.04201	0.394665	0.906745	-1.10285
cg16760843	RASA3	0.0959093	0.23847	0.765682	-1.30602	0.460882	0.850155	-1.17626	0.427803	1.19132	1.19132	0.804917	1.05497	1.05497	0.0388328	0.596153	-1.67742
cg21989023	LOC100302401;RASAL2;RASAL2	0.0959097	0.324581	0.865734	-1.15509	0.364596	1.14115	1.14115	0.387655	1.13371	1.13371	0.490273	0.905456	-1.10442	0.783746	0.961761	-1.03976
cg24171239	DDX10	0.0959113	0.917352	0.958464	-1.04334	0.0204395	0.319252	-3.13233	0.0600331	0.420185	-2.3799	0.573511	1.2617	1.2617	0.23496	0.60123	-1.66326
cg15503098	EDEM3	0.0959126	0.617607	1.07049	1.07049	0.935096	0.989038	-1.01108	0.991788	0.998608	-1.00139	0.557589	1.08357	1.08357	0.819514	0.969545	-1.03141
cg09190325	HMGN4	0.0959141	0.376729	0.882154	-1.13359	0.00688836	1.62188	1.62188	0.280702	0.856417	-1.16766	0.698571	0.947629	-1.05527	0.512279	0.912223	-1.09622
cg21371809	FRMD4A	0.0959149	0.38707	0.750703	-1.33209	0.0190865	0.399506	-2.50309	0.618586	0.850163	-1.17624	0.183517	1.57835	1.57835	0.465948	0.786653	-1.27121
cg17716765	APBA2;APBA2	0.0959153	0.0375374	6.14752	6.14752	0.120581	3.55032	3.55032	0.686296	1.35739	1.35739	0.0275972	7.10218	7.10218	0.326923	2.14179	2.14179
cg19002763	EPB49	0.0959161	0.0586416	1.6265	1.6265	0.465144	1.18445	1.18445	0.232005	0.751674	-1.33036	0.0128386	2.0212	2.0212	0.889671	0.968887	-1.03211
cg17547296	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.0959168	0.139288	0.757855	-1.31951	0.0624248	0.693893	-1.44115	0.236838	0.805762	-1.24106	0.028504	0.637374	-1.56894	0.221594	0.799417	-1.25091
cg08211199	NLRP7;NLRP7;NLRP7	0.0959209	0.0121536	0.14984	-6.67377	0.800766	0.857638	-1.16599	0.0930677	0.325595	-3.0713	0.208043	2.2393	2.2393	0.0238868	0.194557	-5.13989
cg17960164	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.095921	0.439914	0.810536	-1.23375	0.224772	0.71174	-1.40501	0.0726514	0.586209	-1.70588	0.947191	0.98249	-1.01782	0.00511732	0.372917	-2.68156
cg00185189	AKR1B10	0.095923	0.710844	1.16376	1.16376	0.418745	0.714264	-1.40004	0.107096	0.488513	-2.04703	0.0037609	0.203345	-4.91775	0.545221	1.28319	1.28319
cg12664633	ZBTB22;ZBTB22;ZBTB22	0.0959252	0.0678206	0.765896	-1.30566	0.00710595	1.57367	1.57367	0.750042	0.959183	-1.04255	0.114533	0.799483	-1.25081	0.865885	1.02228	1.02228
cg14801726	SRP68	0.0959254	0.0306138	0.476644	-2.098	0.200132	1.48409	1.48409	0.547619	0.837354	-1.19424	0.403546	1.28319	1.28319	0.0946028	1.70909	1.70909
cg26185500	C8orf86	0.0959273	0.129265	0.513917	-1.94584	0.304368	0.649215	-1.54032	0.707567	1.16537	1.16537	0.579306	0.796579	-1.25537	0.427811	0.719803	-1.38927
cg11259254	SGMS1	0.0959286	0.459835	1.36641	1.36641	0.199808	0.570122	-1.75401	0.129071	0.506415	-1.97467	0.0689238	2.32665	2.32665	0.172343	1.82684	1.82684
cg08772588	SSC5D	0.095929	0.276387	1.70696	1.70696	0.0425581	3.01271	3.01271	0.0070022	5.19145	5.19145	0.136071	2.13524	2.13524	0.712556	0.839653	-1.19097
cg17510121	SCUBE3	0.0959297	0.293034	0.495245	-2.0192	0.0723422	3.6395	3.6395	0.613683	1.38809	1.38809	0.850233	1.1295	1.1295	0.0917265	0.302368	-3.30723

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00071265	0.236765	0.734036	-1.36233	0.0351408	0.542181	-1.8444	0.134967	0.669016	-1.49473	0.995996	0.998749	-1.00125	2.60922	2.57105	0.875885	1
cg15563027	0.644615	0.777564	-1.28607	0.0173552	0.208179	-4.80356	0.0488729	0.29572	-3.38158	0.62021	0.762929	-1.31074	2.60921	12.1249	4.13063	1
cg16640855	0.934693	0.890454	-1.12302	0.872311	0.796349	-1.25573	0.0138876	73.9386	73.9386	0.399753	3.38849	3.38849	2.60918	82.8247	28.2165	1
cg08715791	0.393835	0.851049	-1.17502	0.00354538	0.481991	-2.07473	0.0973862	0.71469	-1.39921	0.207262	0.782247	-1.27837	2.60917	1.40912	0.480056	1
cg01725586	0.522652	0.874481	-1.14354	0.0273961	0.582624	-1.71637	0.137371	1.39269	1.39269	0.279289	1.2622	1.2622	2.60916	1.77092	0.603315	1
cg06093993	0.592731	1.16218	1.16218	0.0413506	0.519442	-1.92514	0.329334	0.755607	-1.32344	0.616947	0.869031	-1.15071	2.60916	3.20206	1.09088	1
cg15085805	0.110007	0.653032	-1.53132	0.29271	1.30608	1.30608	0.690115	1.103	1.103	0.271936	1.32279	1.32279	2.60915	2.47274	0.842414	1
cg17831269	0.0605396	36.579	36.579	0.0662368	33.2582	33.2582	0.0158391	152.453	152.453	0.0558171	39.858	39.858	2.60915	119.547	40.7276	1
cg20383948	0.0140504	0.141759	-7.05425	0.0161033	0.149952	-6.66879	0.0767647	0.281336	-3.55447	0.100919	0.314253	-3.18215	2.60913	17.1548	5.84436	1
cg10035737	0.386212	0.663793	-1.50649	0.00737617	0.203354	-4.91753	0.619108	0.793589	-1.2601	0.146046	0.486793	-2.05426	2.60913	8.79427	2.99607	1
cg04120839	0.0101787	0.626627	-1.59585	0.164452	0.807395	-1.23855	0.2618	0.844699	-1.18385	0.889985	1.02016	1.02016	2.60912	0.859647	0.292869	1
cg03555470	0.451941	0.807584	-1.23826	0.00600612	0.367434	-2.72158	0.240222	0.7097	-1.40905	0.176383	0.669772	-1.49305	2.6091	3.21355	1.09482	1
cg22891413	0.0154818	0.409933	-2.43942	0.572005	1.18704	1.18704	0.887985	1.04322	1.04322	0.11366	0.596415	-1.67669	2.60909	3.72534	1.26918	1
cg20327862	0.115235	2.00387	2.00387	0.0487763	0.401151	-2.49283	0.0294225	2.83221	2.83221	0.364974	1.4591	1.4591	2.60908	6.80738	2.31921	1
cg07532609	0.721131	0.821149	-1.21781	0.0159176	0.197288	-5.06872	0.734614	1.2057	1.2057	0.0417055	0.275077	-3.63534	2.60906	12.4895	4.25508	1
cg26885578	0.0340601	0.679582	-1.47149	0.644744	0.930065	-1.07519	0.238062	1.21287	1.21287	0.0109785	1.64601	1.64601	2.60905	1.00763	0.343293	1
cg17389295	0.644157	0.919708	-1.0873	0.477127	1.13892	1.13892	0.0386473	1.53878	1.53878	0.35874	1.18509	1.18509	2.60904	1.33809	0.45588	1
cg24600221	0.157583	0.274227	-3.64662	0.0890221	0.200738	-4.98161	0.0912895	0.203472	-4.91468	0.276718	0.379609	-2.63429	2.60903	30.2887	10.3193	1
cg15484988	0.568221	1.09856	1.09856	0.0580485	1.41785	1.41785	0.341748	1.1731	1.1731	0.12828	1.30726	1.30726	2.60902	1.09746	0.373904	1
cg00994984	0.243854	0.767839	-1.30236	0.0103273	0.496562	-2.01385	0.123966	1.43467	1.43467	0.135455	0.705657	-1.41712	2.60902	1.9396	0.660817	1
cg05374809	0.150574	0.236598	-4.22658	0.0106414	0.0495628	-20.1764	0.0789543	0.161231	-6.2023	0.0431004	0.113361	-8.82137	2.609	36.1628	12.3207	1
cg11251378	0.0978625	1.37916	1.37916	0.0167311	0.596299	-1.67701	0.953326	1.01042	1.01042	0.990262	0.997842	-1.00216	2.609	1.29493	0.441184	1
cg25347698	0.0570283	0.564325	-1.77203	0.962804	0.987686	-1.01247	0.480566	1.20986	1.20986	0.172127	0.679672	-1.4713	2.60899	2.9168	0.993761	1
cg06814194	0.100222	1.89748	1.89748	0.034107	2.40965	2.40965	0.218174	1.58517	1.58517	0.178139	1.66341	1.66341	2.60899	5.22691	1.78082	1
cg08734931	0.54507	0.833123	-1.2003	0.436739	0.789387	-1.26681	0.00627951	0.346009	-2.8901	0.261906	1.41726	1.41726	2.60898	3.67164	1.25094	1
cg18964251	0.188475	0.598723	-1.67022	0.0179364	2.88306	2.88306	0.104365	1.92237	1.92237	0.242607	1.56858	1.56858	2.60897	5.59965	1.90783	1
cg11844769	0.0321611	0.536103	-1.86531	0.478132	0.83597	-1.19621	0.0400118	0.554516	-1.80337	0.224024	1.37347	1.37347	2.60896	2.55034	0.868917	1
cg07271580	0.277751	0.552169	-1.81104	0.0303482	0.262	-3.81679	0.446561	0.664831	-1.50414	0.381729	0.623729	-1.60326	2.60895	11.4396	3.89757	1
cg24549236	0.192229	0.702521	-1.42345	0.00519511	0.389254	-2.56902	0.339735	0.777482	-1.2862	0.05124	0.566749	-1.76445	2.60892	2.70368	0.921174	1
cg24276988	0.389689	0.731566	-1.36693	0.213533	0.628471	-1.59116	0.114345	0.543894	-1.83859	0.0397558	0.430401	-2.32342	2.60892	5.19547	1.77016	1
cg01345517	0.573329	1.05409	1.05409	0.288666	0.903058	-1.10735	0.114719	1.1721	1.1721	0.0247594	1.28075	1.28075	2.60891	0.354108	0.120649	1
cg15727249	0.203388	0.556685	-1.79635	0.0315855	0.33296	-3.00336	0.298523	0.624917	-1.60021	0.531232	0.758274	-1.31879	2.60889	7.86497	2.67972	1
cg05784847	0.979764	0.981112	-1.01925	0.00743122	0.0748653	-13.3573	0.728799	0.769753	-1.29912	0.192088	0.354128	-2.82383	2.60886	23.3542	7.95723	1
cg15716405	0.295692	0.736213	-1.3583	0.00679163	0.37135	-2.69288	0.167339	1.5154	1.5154	0.207296	1.45579	1.45579	2.60885	3.29528	1.12277	1
cg05937630	0.265161	0.488912	-2.04536	0.00245138	0.0745019	-13.4225	0.144052	0.380183	-2.63031	0.830949	0.876571	-1.14081	2.6088	15.6887	5.34557	1
cg09070095	0.096082	0.295168	-3.3879	0.553467	0.670166	-1.49217	0.540563	0.661235	-1.51232	0.35627	0.530718	-1.88424	2.60878	18.4189	6.27588	1
cg23350838	0.104495	1.44154	1.44154	0.0401568	0.613438	-1.63016	0.340374	1.22445	1.22445	0.810066	1.05087	1.05087	2.60877	1.75481	0.597916	1
cg06959457	0.10903	0.682575	-1.46504	0.207949	1.33658	1.33658	0.558308	0.878665	-1.13809	0.303181	1.26244	1.26244	2.60872	1.97273	0.672181	1
cg24341722	0.00197672	0.553704	-1.80602	0.850481	0.974802	-1.02585	0.984069	1.0027	1.0027	0.30232	0.865446	-1.15547	2.60872	0.755676	0.257487	1
cg06813486	0.457948	0.868443	-1.15149	0.024464	1.64911	1.64911	0.453043	0.867054	-1.15333	0.740094	0.939763	-1.0641	2.60872	1.43895	0.490304	1
cg07064406	0.386819	0.803297	-1.24487	0.308794	1.29703	1.29703	0.496241	1.18599	1.18599	0.499369	0.844251	-1.18448	2.60872	2.51884	0.858263	1
cg24876969	0.0383176	0.396749	-2.52048	0.030687	0.37617	-2.65837	0.267539	0.640933	-1.56023	0.133365	0.536026	-1.86558	2.60871	6.12822	2.08813	1
cg19322228	0.0625364	0.192988	-5.18168	0.0637218	0.194765	-5.13439	0.649201	0.698074	-1.43251	0.0395981	0.154444	-6.47482	2.60868	25.4511	8.67227	1
cg01888055	0.0564709	0.258342	-3.87083	0.22737	0.451912	-2.21282	0.111363	0.337247	-2.96519	0.0792602	0.294901	-3.39097	2.60866	16.2297	5.53018	1
cg25695378	0.983776	1.0058	1.0058	0.356028	1.30979	1.30979	0.365794	0.76787	-1.3023	0.0169017	0.43676	-2.28959	2.60865	3.33856	1.1376	1
cg22855255	0.0799567	0.545561	-1.83298	0.20651	0.659981	-1.5152	0.977013	0.991054	-1.00903	0.109619	1.72289	1.72289	2.60865	4.01881	1.3694	1
cg25995289	0.0763702	2.55139	2.55139	0.0325139	3.2836	3.2836	0.951757	0.971665	-1.02916	0.692328	1.20798	1.20798	2.60865	9.32501	3.17747	1
cg08393541	0.960838	1.00782	1.00782	0.0702253	0.725433	-1.37849	0.011096	0.603472	-1.65708	0.208122	1.23428	1.23428	2.60863	1.03924	0.354122	1
cg08732456	0.292687	0.648442	-1.54216	0.109008	2.0008	2.0008	0.0552739	2.36835	2.36835	0.511567	1.30237	1.30237	2.60861	6.5054	2.21673	1
cg24838764	0.480178	1.16408	1.16408	0.767123	0.939067	-1.06489	0.0725825	0.654368	-1.52819	0.101862	0.684489	-1.46094	2.60859	1.8515	0.630907	1
cg05527430	0.644771	0.848185	-1.17899	0.0645148	0.478763	-2.08872	0.4328	1.32832	1.32832	0.101708	1.88788	1.88788	2.60859	5.19712	1.77094	1
cg22999786	0.469168	0.43931	-2.27629	0.00871645	0.0239192	-41.8074	0.904759	0.874855	-1.14305	0.256709	0.266535	-3.75185	2.60858	51.5417	17.5631	1
cg01517208	0.140571	0.572548	-1.74658	0.616153	1.19459	1.19459	0.475945	1.29045	1.29045	0.855858	1.06606	1.06606	2.60858	5.11263	1.74216	1
cg03325931	0.433704	0.593551	-1.68478	0.246897	0.453566	-2.20475	0.188804	0.402883	-2.48211	0.722223	0.792093	-1.26248	2.60858	17.6153	6.00252	1
cg09969806	0.0972657	0.739314	-1.35261	0.198961	1.25266	1.25266	0.22882	0.810903	-1.23319	0.650025	0.926991	-1.07876	2.60857	1.13801	0.387784	1
cg14537639	0.655503	0.918789	-1.08839	0.00921219	0.536026	-1.86558	0.590584	1.10788	1.10788	0.610952	1.10161	1.10161	2.60855	1.46992	0.50089	1
cg12184450	0.0580285	0.610497	-1.63801	0.232784	1.334	1.334	0.415382	1.21136	1.21136	0.993417	1.0019	1.0019	2.60855	2.19161	0.746812	1
cg02842382	0.117579	0.362091	-2.76174	0.181647	0.428516	-2.33364	0.568201	0.708395	-1.41164	0.0305938	0.219058	-4.56501	2.60854	14.7577	5.02884	1
cg01688202	0.474031	0.686967	-1.45568	0.0614606	2.96372	2.96372	0.0614496	2.96389	2.96389	0.0872953	2.64719	2.64719	2.60854	10.9859	3.74357	1
cg11525548	0.0946548	0.3312	-3.01932	0.0498927	0.260458	-3.83939	0.208863	0.450722	-2.21866	0.342056	0.554944	-1.80198	2.6085	14.9497	5.09436	1
cg04144938	0.166729	2.03078	2.03078	0.763968	1.1557	1.1557	0.606657	1.28344	1.28344	0.725389	0.844119	-1.18467	2.60847	9.53867	3.2505	1
cg26045220	0.022142	1.67679	1.67679	0.0897494	0.702975	-1.42253	0.518589	0.883991	-1.13123	0.963852	1.00858	1.00858	2.60844	1.46673	0.499823	1
cg19324313	0.392199	0.833912	-1.19917	0.0570324	1.56231	1.56231	0.705965	0.924471	-1.0817	0.0674516	0.654068	-1.52889	2.60843	1.77357	0.604388	1
cg04008821	0.243426	0.761664	-1.31292	0.129278	0.693773	-1.44139	0.119446	1.45774	1.45774	0.47329	1.17668	1.17668	2.60841	2.05541	0.700438	1
cg05983906	0.312066	1.28242	1.28242	0.783947	1.06756	1.06756	0.425765	1.21344	1.21344	0.79054	0.938641	-1.06537	2.6084	2.33745	0.796555	1
cg15827554	?	?	?	0.322053	1.52424	1.52424	?	?	?	0.447603	0.729015	-1.37171	3.539	4.64789	1.31333	1
cg07690018	0.113075	8.42896	8.42896	0.385175	3.00569	3.00569	0.0191245	33.2854	33.2854	0.0153377	39.5892	39.5892	2.60835	63.1182	21.5098	1
cg22320059	0.136308	1.4814	1.4814	0.0227162	1.94973	1.94973	0.344825	0.788021	-1.269	0.162869	0.694391	-1.44011	2.60831	2.47636	0.843923	1
cg09584785	0.10165	0.584521	-1.7108	0.399685	1.29477	1.29477	0.109754	1.6861	1.6861	0.364018	0.756151	-1.32249	2.60825	3.70896	1.26401	1
cg00174252	0.811947	0.866954	-1.15346	0.0318391	4.5128	4.5128	0.00821571	7.57923	7.57923	0.264573	2.00679	2.00679	2.6082	14.822	5.05143	1
cg02876066	0.407093	0.82784	-1.20796	0.214079	1.33834	1.33834	0.0159373	0.518113	-1.93008	0.428982	0.835366	-1.19708	2.60819	2.05031	0.698759	1
cg24439623	0.0670153	0.383162	-2.60986	0.0228045	0.279958	-3.57196	0.0954802	0.424946	-2.35324	0.653025	1.23547	1.23547	2.60817	9.01891	3.07372	1
cg14373068	0.0664714	0.481989	-2.07474	0.253576	0.655195	-1.52626	0.152747	0.580955	-1.7213	0.25309	0.654886	-1.52698	2.60816	5.19457	1.77037	1
cg15331855	0.241166	1.38636	1.38636	0.224298	1.40477	1.40477	0.830387	0.944486	-1.05878	0.936731	1.02136	1.02136	2.60813	2.92827	0.997994	1
cg25105652	0.851993	1.06559	1.06559	0.0941465	1.87012	1.87012	0.381943	1.35665	1.35665	0.275116	0.67962	-1.47141	2.60813	4.77942	1.6289	1
cg15963983	0.928689	0.977112	-1.02342	0.183888	1.44003	1.44003	0.82013	1.06068	1.06068	0.482321	0.831345	-1.20287	2.60813	2.76382	0.941951	1
cg20988109	0.490033	1.51988	1.51988	0.541721	1.44602	1.44602	0.168917	0.416805	-2.3992	0.951388	0.964254	-1.03707	2.60808	14.7247	5.01849	1
cg10196128	0.482144	1.57059	1.57059	0.133705	2.77922	2.77922	0.0259579	0.188165	-5.31448	0.110346	3.00304	3.00304	2.60808	16.496	5.6222	1
cg00059740	0.533904	0.940862	-1.06285	0.00458259	0.801319	-1.24794	0.0526392	1.23759	1.23759	0.280248	1.11472	1.11472	2.60806	0.386708	0.131799	1
cg09239591	0.0123293	0.375728	-2.6615	0.588574	0.842359	-1.18714	0.0829629	0.547143	-1.82767	0.257805	0.690085	-1.4491	2.60805	4.07592	1.38918	1
cg02737609	0.211881	1.48159	1.48159	0.350483	0.75031	-1.33278	0.853379	0.946199	-1.05686	0.432296	0.786972	-1.27069	2.60804	3.69102	1.258	1
cg08535373	0.403327	0.898614	-1.11282	0.125514	0.812811	-1.2303	0.0365825	1.3548	1.3548	0.397455	0.897353	-1.11439	2.60804	0.645428	0.219979	1
cg03797398	0.0968045	0.74019	-1.351	0.161997	0.781581	-1.27946	0.771447	0.953065	-1.04925	0.13357	1.30613	1.30613	2.60803	1.12516	0.383486	1
cg06686156	0.291106	0.659455	-1.5164	0.111029	0.516949	-1.93443	0.358075	0.69825	-1.43215	0.0694582	0.462198	-2.16357	2.60803	5.96591	2.03335	1
cg18464080	0.169818	1.45834	1.45834	0.210756	0.711593	-1.4053	0.981474	1.00601	1.00601	0.105425	0.633539	-1.57843	2.60799	2.74992	0.937265	1
cg04453352	0.563944	0.762716	-1.3111	0.0474459	0.348896	-2.86618	0.585332	0.774266	-1.29155	0.150681	0.489072	-2.04469	2.60797	8.9063	3.03558	1
cg23191528	0.368159	0.658677	-1.51819	0.132139	0.479978	-2.08343	0.792741	1.12631	1.12631	0.24021	1.7427	1.7427	2.60797	8.42695	2.87221	1
cg18449879	0.730351	1.18854	1.18854	0.00553553	0.162042	-6.17123	0.938279	1.03942	1.03942	0.739941	1.18093	1.18093	2.60795	10.2943	3.50867	1
cg01813761	0.301331	1.2994	1.2994	0.0734091	0.613731	-1.62938	0.483669	1.19015	1.19015	0.915593	1.02627	1.02627	2.60793	2.47042	0.842018	1
cg11148058	0.239224	0.815557	-1.22616	0.221835	0.808637	-1.23665	0.748003	1.05477	1.05477	0.793777	0.957589	-1.04429	2.60793	1.13024	0.385234	1
cg14196186	0.391822	0.62006	-1.61275	0.0257729	0.23635	-4.23101	0.0908256	0.362447	-2.75902	0.173985	2.1988	2.1988	2.6079	12.2579	4.17803	1
cg09118932	0.0178392	0.476889	-2.09692	0.101708	0.630853	-1.58516	0.580269	1.15445	1.15445	0.181863	0.694631	-1.43961	2.60789	2.73075	0.930768	1
cg07267166	0.377475	1.05908	1.05908	0.561765	0.9635	-1.03788	0.694636	1.02532	1.02532	0.0997311	1.12114	1.12114	2.60788	0.165919	0.0565532	1
cg05924445	0.00810323	4.55133	4.55133	0.0657908	0.39741	-2.51629	0.783498	1.13101	1.13101	0.986544	1.00757	1.00757	2.60785	8.25187	2.81266	1
cg18864914	0.151753	1.46268	1.46268	0.0358611	0.546302	-1.83049	0.544666	1.16395	1.16395	0.261975	1.33595	1.33595	2.60785	2.53251	0.86321	1
cg08598654	0.0669506	0.28922	-3.45758	0.154261	0.398016	-2.51246	0.0848684	3.16167	3.16167	0.833061	1.13599	1.13599	2.60783	15.0722	5.13742	1
cg05494069	0.0630516	0.638507	-1.56615	0.0427109	0.606207	-1.6496	0.668186	0.911633	-1.09693	0.42424	0.839375	-1.19136	2.60783	1.90127	0.648056	1
cg21406967	0.106672	1.39307	1.39307	0.383411	1.18318	1.18318	0.437309	1.16081	1.16081	0.0285329	1.62632	1.62632	2.60783	1.46284	0.498615	1
cg21901643	0.83305	1.09543	1.09543	0.0380348	0.353991	-2.82493	0.817323	0.904918	-1.10507	0.955105	1.02461	1.02461	2.60781	7.70109	2.62497	1
cg25858249	0.168842	0.548181	-1.82421	0.266191	0.621847	-1.60811	0.739026	0.871887	-1.14694	0.0922489	0.467719	-2.13804	2.6078	6.94449	2.36708	1
cg15258080	0.942838	0.988677	-1.01145	0.0369517	1.46927	1.46927	0.0869969	0.74072	-1.35004	0.118078	0.763771	-1.30929	2.60779	1.04155	0.355021	1
cg03565750	0.323741	1.20524	1.20524	0.97562	0.994418	-1.00561	0.29476	0.819523	-1.22022	0.81688	0.958405	-1.0434	2.60777	1.38563	0.472308	1
cg15328582	0.458681	1.16268	1.16268	0.0170742	1.78752	1.78752	0.331077	0.81846	-1.22181	0.130575	0.721699	-1.38562	2.60777	1.6481	0.561772	1
cg00516501	0.367845	0.797947	-1.25322	0.439948	0.82515	-1.2119	0.0441815	1.75792	1.75792	0.691368	1.10227	1.10227	2.60777	2.45919	0.838244	1
cg05736011	0.334491	0.628326	-1.59153	0.331658	0.626504	-1.59616	0.0636351	2.64724	2.64724	0.156497	0.492818	-2.02915	2.60776	9.00209	3.06848	1
cg23461615	0.0717339	9.44303	9.44303	0.0896525	8.08077	8.08077	0.111625	6.92387	6.92387	0.0354559	15.4009	15.4009	2.60776	51.5045	17.556	1
cg12059793	0.24932	1.86191	1.86191	0.483571	1.44422	1.44422	0.64329	1.27222	1.27222	0.493144	1.43234	1.43234	2.60775	11.0079	3.75218	1
cg15912010	0.697586	1.27638	1.27638	0.42983	1.65469	1.65469	0.142	2.68203	2.68203	0.560755	0.692404	-1.44424	2.60774	16.1291	5.49786	1
cg13404472	0.0114611	0.691621	-1.44588	0.0410473	0.759732	-1.31625	0.0694228	0.789207	-1.2671	0.166917	0.842189	-1.18738	2.60774	0.561077	0.191252	1
cg25001794	0.661686	0.974601	-1.02606	0.0981212	0.899421	-1.11183	0.640691	1.02784	1.02784	0.888381	0.991828	-1.00824	2.60773	0.140988	0.0480582	1
cg06141120	0.191774	1.45326	1.45326	0.0507338	1.82605	1.82605	0.0178156	2.17979	2.17979	0.313734	1.32557	1.32557	2.60773	3.02215	1.03015	1
cg15207055	0.0611825	1.75968	1.75968	0.711524	1.10462	1.10462	0.0187013	2.14557	2.14557	0.547674	0.849606	-1.17702	2.60773	2.96363	1.01021	1
cg09891129	0.0584124	0.759361	-1.3169	0.998905	0.999823	-1.00018	0.0940398	0.788997	-1.26743	0.170438	0.828679	-1.20674	2.60769	0.684357	0.233278	1
cg14533737	0.489298	0.769456	-1.29962	0.149431	0.561734	-1.7802	0.502343	1.2892	1.2892	0.327077	0.685581	-1.45862	2.60764	5.74947	1.95987	1
cg12093443	0.100005	1.22431	1.22431	0.00542914	1.50805	1.50805	0.772472	1.03309	1.03309	0.148	0.840073	-1.19037	2.6076	0.520727	0.177507	1
cg16760843	0.4558	1.17851	1.17851	0.193856	1.34617	1.34617	0.158897	0.72209	-1.38487	0.0177691	0.536192	-1.865	2.60758	1.9311	0.658286	1
cg21989023	0.892275	0.98098	-1.01939	0.00326913	0.566535	-1.76512	0.389845	1.13302	1.13302	0.647156	1.0675	1.0675	2.60758	0.829534	0.282777	1
cg24171239	0.412322	0.709935	-1.40858	0.86398	1.07259	1.07259	0.048981	2.50606	2.50606	0.482233	1.33898	1.33898	2.60756	6.89848	2.35162	1
cg15503098	0.323878	1.14784	1.14784	0.00251619	0.566782	-1.76435	0.350012	0.877934	-1.13904	0.732604	1.0475	1.0475	2.60754	0.75631	0.257819	1
cg09190325	0.0992332	0.778944	-1.28379	0.514602	0.912697	-1.09565	0.595661	0.928641	-1.07684	0.316093	1.15405	1.15405	2.60753	0.789137	0.269012	1
cg21371809	0.207732	0.650747	-1.53669	0.110407	0.569692	-1.75533	0.042201	0.469106	-2.13172	0.267606	1.45281	1.45281	2.60752	4.31978	1.47259	1
cg17716765	0.679423	1.36715	1.36715	0.0223153	7.85161	7.85161	0.637187	0.699408	-1.42978	0.057201	5.04876	5.04876	2.60751	23.3888	7.97312	1
cg19002763	0.391319	1.22142	1.22142	0.840115	1.04708	1.04708	0.0764094	1.56658	1.56658	0.0714066	1.58172	1.58172	2.6075	2.14161	0.730068	1
cg17547296	0.403805	0.861689	-1.16051	0.190833	1.27299	1.27299	0.0273507	0.634511	-1.57602	0.187867	0.78413	-1.2753	2.6075	1.25394	0.427465	1
cg08211199	0.467427	0.638222	-1.56685	0.855856	0.895446	-1.11676	0.851306	1.12072	1.12072	0.448028	0.625246	-1.59937	2.60745	15.2319	5.19262	1
cg17960164	0.42567	1.24227	1.24227	0.090286	0.607861	-1.64511	0.67221	0.892708	-1.12019	0.189706	0.690428	-1.44838	2.60745	2.93694	1.00121	1
cg00185189	0.532796	0.773138	-1.29343	0.424078	0.717132	-1.39444	0.085171	0.460635	-2.17092	0.939067	0.969344	-1.03163	2.60742	6.84971	2.33511	1
cg12664633	0.674982	0.946499	-1.05653	0.860879	1.02314	1.02314	0.83153	1.02817	1.02817	0.63256	1.06482	1.06482	2.6074	0.702012	0.239323	1
cg14801726	0.142841	0.631654	-1.58315	0.162728	1.54451	1.54451	0.709738	1.11523	1.11523	0.129567	1.6124	1.6124	2.6074	3.51401	1.19796	1
cg26185500	0.045135	2.54343	2.54343	0.0304865	2.80852	2.80852	0.111762	2.02057	2.02057	0.333119	1.49998	1.49998	2.60737	6.81085	2.32191	1
cg11259254	0.915264	0.956807	-1.04514	0.0449254	2.59809	2.59809	0.0670314	2.34345	2.34345	0.245869	1.65448	1.65448	2.60736	7.10674	2.4228	1
cg08772588	0.154175	2.0553	2.0553	0.270931	1.71828	1.71828	0.910303	0.948168	-1.05467	0.0946146	2.38141	2.38141	2.60735	9.21077	3.1401	1
cg17510121	0.224887	2.2732	2.2732	0.0447434	0.226669	-4.41171	0.0582255	0.251857	-3.97051	0.964371	1.02919	1.02919	2.60735	17.1371	5.84232	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21592241	KCNQ1;KCNQ1	0.0959305	0.0423368	0.0591447	-16.9077	0.0259364	0.0408785	-24.4627	0.0549906	0.071978	-13.8931	0.11502	0.125888	-7.94357	0.0218512	0.0358877	-27.8647	0.121452	0.131278	-7.61742	0.41913	0.368505	-2.71367	0.364895	0.324367	-3.08293	0.0764515	0.0922422	-10.841	2.60734	60.3882	20.5874	1
cg16430726	MIR320D1	0.0959313	0.113154	0.52232	-1.91454	0.248606	0.634883	-1.57509	0.533737	0.788655	-1.26798	0.251493	0.636795	-1.57036	0.0752985	0.474257	-2.10856	0.326341	0.682675	-1.46483	0.0057449	0.255694	-3.91092	0.717389	0.872033	-1.14675	0.0271993	0.373542	-2.67707	2.60733	5.8599	1.99776	1
cg10247878	CTSA;CTSA;CTSA	0.0959327	0.936839	1.04559	1.04559	0.102405	2.73329	2.73329	0.998014	0.998601	-1.0014	0.214775	0.47966	-2.08481	0.036391	0.254507	-3.92917	0.0157442	0.189226	-5.28469	0.449624	0.64829	-1.54252	0.826213	0.88364	-1.13168	0.127233	0.395399	-2.52909	2.60731	13.0691	4.45555	1
cg19910568	DNAJC1	0.0959339	0.36758	0.604299	-1.65481	0.109028	2.58854	2.58854	0.189749	2.12947	2.12947	0.830225	1.12395	1.12395	0.00545643	0.136809	-7.30944	0.900595	1.07037	1.07037	0.812081	1.13839	1.13839	0.481537	0.677513	-1.47599	0.620067	0.761879	-1.31255	2.6073	12.2296	4.16936	1
cg25158622	BRD2;BRD2	0.0959344	0.100796	0.632043	-1.58217	0.76303	1.08025	1.08025	0.0133794	0.457483	-2.18587	0.935457	1.02089	1.02089	0.954331	0.985487	-1.01473	0.967701	0.989717	-1.01039	0.303148	0.761654	-1.31293	0.0379452	1.84832	1.84832	0.47011	1.20632	1.20632	2.60729	2.69071	0.917329	1
cg12025048	NCRNA00162	0.0959385	0.178602	0.536341	-1.86449	0.476617	1.37095	1.37095	0.538249	1.31214	1.31214	0.513378	0.749046	-1.33503	0.050434	0.378318	-2.64328	0.377803	0.674019	-1.48364	0.00606031	0.209609	-4.77078	0.194257	0.549535	-1.81972	0.230019	0.57752	-1.73154	2.60724	7.84756	2.67547	1
cg02399044	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0959411	0.15453	0.64865	-1.54166	0.522418	1.20219	1.20219	0.0604084	0.547992	-1.82484	0.093382	0.592027	-1.68911	0.123702	0.62276	-1.60575	0.347356	0.759688	-1.31633	0.231049	1.42883	1.42883	0.634259	0.872726	-1.14584	0.0152227	0.428835	-2.3319	2.60721	3.33157	1.13585	1
cg02151711	PGCP	0.0959411	0.301689	0.781288	-1.27994	0.0262414	0.54437	-1.83699	0.0857921	0.645356	-1.54953	0.331427	0.79363	-1.26003	0.126074	0.682648	-1.46488	0.999606	0.999886	-1.00011	0.0887404	1.54197	1.54197	0.61355	0.889177	-1.12464	0.0447031	0.587682	-1.7016	2.60721	2.19686	0.748986	1
cg07990036	ZCCHC8	0.0959414	0.165708	0.701068	-1.42639	0.774145	0.933215	-1.07156	0.872006	0.962006	-1.03949	0.164332	1.42827	1.42827	0.0352193	0.554739	-1.80265	0.29096	0.768536	-1.30117	0.0126881	0.475121	-2.10472	0.311106	0.777429	-1.28629	0.124281	0.670431	-1.49158	2.60721	2.38317	0.812505	1
cg11844970	ACHE;ACHE	0.0959423	0.711406	1.14712	1.14712	0.00469941	4.00532	4.00532	0.135809	1.81066	1.81066	0.0774439	2.06461	2.06461	0.947456	0.975952	-1.02464	0.148527	1.77242	1.77242	0.317674	1.46446	1.46446	0.0561802	2.2228	2.2228	0.410371	1.3647	1.3647	2.6072	5.63276	1.92041	1
cg14983771	MNAT1	0.0959435	0.70745	1.16422	1.16422	0.64408	1.2064	1.2064	0.404493	0.708909	-1.41062	0.789644	1.11387	1.11387	0.0319695	0.362907	-2.75552	0.0337124	0.367782	-2.719	0.245312	1.63253	1.63253	0.0267335	0.346914	-2.88255	0.531179	0.774266	-1.29155	2.60719	6.71706	2.2901	1
cg04224864	TOR1AIP1	0.0959439	0.947397	1.00767	1.00767	0.712248	1.04386	1.04386	0.926846	0.989415	-1.0107	0.910448	0.987047	-1.01312	0.674494	1.05016	1.05016	0.643609	0.947445	-1.05547	0.00806955	0.674909	-1.48168	0.180196	1.17929	1.17929	0.0382969	1.32073	1.32073	2.60718	0.554432	0.189027	1
cg16702815	AGR3	0.0959441	0.0445691	0.145859	-6.85592	0.0374937	0.133351	-7.49899	0.127207	0.252404	-3.9619	0.533056	1.69378	1.69378	0.0325717	0.123948	-8.0679	0.222069	0.342622	-2.91867	0.0681918	0.181859	-5.49877	0.270309	0.383649	-2.60655	0.0636793	0.175503	-5.69791	2.60718	28.7664	9.8076	1
ch.17.1756372	BPTF;BPTF	0.0959462	0.0757968	0.720345	-1.38822	0.00627776	0.553779	-1.80577	0.0536885	0.695133	-1.43857	0.171352	0.785266	-1.27345	0.705543	0.938936	-1.06504	0.576418	1.0982	1.0982	0.189687	0.794073	-1.25933	0.974046	1.00541	1.00541	0.924749	0.984441	-1.01581	2.60715	1.13763	0.387866	1
cg10481072	CDK6;CDK6	0.0959476	0.643101	0.815199	-1.22669	0.421793	0.69815	-1.43236	0.503837	0.743018	-1.34586	0.287194	0.616376	-1.62239	0.0300591	0.327174	-3.05648	0.00307401	0.169555	-5.89778	0.84942	0.920143	-1.08679	0.70952	0.848875	-1.17803	0.255795	0.59485	-1.6811	2.60714	7.91695	2.69924	1
cg08120226	MUC4;MUC4;MUC4	0.095948	0.0141514	0.153946	-6.49576	0.0779735	0.298056	-3.35507	0.0796848	0.300567	-3.32705	0.396506	0.584718	-1.71023	0.0713938	0.288088	-3.47116	0.16668	0.401998	-2.48758	0.0207474	0.17893	-5.58879	0.753379	0.822999	-1.21507	0.161932	0.397326	-2.51682	2.60713	15.7726	5.37759	1
cg05495611	EXT2;EXT2	0.0959481	0.159587	0.417805	-2.39346	0.582115	1.3809	1.3809	0.452885	1.559	1.559	0.760262	1.19449	1.19449	0.644882	1.3093	1.3093	0.14945	0.407575	-2.45354	0.012854	0.166302	-6.01314	0.290732	1.8902	1.8902	0.0557627	0.284066	-3.5203	2.60713	13.9235	4.74716	1
cg25176823	FSCN1	0.0959483	0.933554	0.968039	-1.03302	0.141741	1.85048	1.85048	0.839504	1.0822	1.0822	0.71695	0.867771	-1.15238	0.295208	1.52634	1.52634	0.217688	1.65727	1.65727	0.00303431	4.86618	4.86618	0.156552	1.8046	1.8046	0.808894	0.90993	-1.09899	2.60713	6.26583	2.13631	1
cg09635874	FARP1	0.0959491	0.960404	0.986975	-1.0132	0.994773	0.998272	-1.00173	0.977234	0.992493	-1.00756	0.529626	0.845215	-1.18313	0.0093051	0.418412	-2.38999	0.1327	1.53485	1.53485	0.142875	1.51568	1.51568	0.534927	1.18051	1.18051	0.099495	0.620759	-1.61093	2.60712	2.87963	0.9818	1
cg27257566	MXRA5	0.0959497	0.032519	4.67926	4.67926	0.736178	1.23185	1.23185	0.551749	1.44959	1.44959	0.395763	0.584917	-1.70965	0.29568	0.512379	-1.95168	0.026546	5.05975	5.05975	0.115375	0.348008	-2.87349	0.177301	2.42101	2.42101	0.550575	1.45121	1.45121	2.60711	15.7007	5.35311	1
cg04283307	OR2M5	0.0959506	0.0125061	0.14822	-6.74674	0.623638	0.737946	-1.35511	0.148572	0.385956	-2.59097	0.490443	0.65025	-1.53787	0.0368556	0.225434	-4.4359	0.0598589	0.271277	-3.68627	0.702913	0.790217	-1.26548	0.0422371	0.237479	-4.21091	0.087736	0.314111	-3.18359	2.6071	15.5885	5.31489	1
cg27570256	LOC100270710	0.0959508	0.528291	0.510481	-1.95894	0.00910392	0.0305815	-32.6995	0.00720265	0.0259813	-38.4893	0.971417	0.962994	-1.03843	0.681702	0.647906	-1.54343	0.4396	0.436239	-2.29232	0.575218	0.551088	-1.81459	0.947684	1.0715	1.0715	0.968279	0.959013	-1.04274	2.6071	45.7336	15.5928	1
cg16823083	WDR8	0.0959512	0.0515371	12.0328	12.0328	0.840047	0.797053	-1.25462	0.201374	4.54702	4.54702	0.085012	8.47942	8.47942	0.419786	0.396434	-2.52249	0.536655	0.495454	-2.01835	0.614675	0.565666	-1.76783	0.0360299	15.4444	15.4444	0.0369235	15.1824	15.1824	2.6071	52.0213	17.7367	1
cg26040332	FGR	0.0959529	0.120188	0.356892	-2.80197	0.11703	2.83118	2.83118	0.0137384	6.437	6.437	0.384114	0.579581	-1.72538	0.568616	0.703156	-1.42216	0.131693	2.70358	2.70358	0.285722	0.507795	-1.9693	0.95326	1.03648	1.03648	0.864041	0.900548	-1.11044	2.60708	15.4251	5.25923	1
cg06975196	SLC4A1AP;SUPT7L	0.0959537	0.0624247	0.417304	-2.39634	0.18166	0.55386	-1.80551	0.237452	0.597057	-1.67488	0.0370105	0.364482	-2.74362	0.0411732	0.374686	-2.6689	0.183957	0.555783	-1.79926	0.0338815	0.356226	-2.80721	0.0285611	0.340751	-2.93469	0.0957448	0.466498	-2.14363	2.60707	7.17037	2.44476	1
cg15957394	AFAP1;AFAP1	0.095955	0.292365	1.20847	1.20847	0.745543	1.05806	1.05806	0.082476	1.39569	1.39569	0.0388818	1.51358	1.51358	0.594019	1.09774	1.09774	0.351623	0.846917	-1.18075	0.863424	1.03029	1.03029	0.68265	0.931227	-1.07385	0.00769938	1.81035	1.81035	2.60705	1.2405	0.422954	1
cg00951869	ADCY4;RIPK3	0.0959558	0.913213	0.958907	-1.04285	0.742113	1.13552	1.13552	0.00633199	0.25457	-3.92819	0.13327	0.536138	-1.86519	0.316262	0.671131	-1.49002	0.0271508	0.365475	-2.73617	0.467259	0.752234	-1.32937	0.0964421	0.495345	-2.01879	0.56414	0.798994	-1.25157	2.60704	6.11675	2.08555	1
cg14162842	MCF2L;MCF2L	0.0959563	0.784502	1.08494	1.08494	0.81866	0.933977	-1.07069	0.00267322	3.43826	3.43826	0.706457	0.893568	-1.11911	0.811657	1.07358	1.07358	0.445835	1.26003	1.26003	0.0609323	1.8743	1.8743	0.767452	1.09221	1.09221	0.386172	1.30242	1.30242	2.60704	3.65263	1.24539	1
cg20230856	TBL1XR1	0.0959574	0.691716	0.791636	-1.26321	0.0371263	0.242023	-4.13183	0.0162063	0.178341	-5.60724	0.928121	0.94848	-1.05432	0.567634	1.40308	1.40308	0.554271	0.704201	-1.42005	0.594167	1.37063	1.37063	0.0705823	3.26949	3.26949	0.494048	1.50252	1.50252	2.60702	14.1907	4.83845	1
cg06159352	ELMO1	0.0959583	0.467224	0.788055	-1.26895	0.908765	0.963763	-1.0376	0.547675	1.2164	1.2164	0.989547	0.995791	-1.00423	0.00294539	0.268574	-3.72337	0.0524995	0.491702	-2.03375	0.464529	0.786878	-1.27085	0.478004	0.792737	-1.26145	0.85262	0.941879	-1.06171	2.60701	4.28039	1.45944	1
cg17759595	DPYSL2	0.0959611	0.713083	1.30089	1.30089	0.00701632	11.9753	11.9753	0.0526645	4.80147	4.80147	0.338335	2.01972	2.01972	0.427659	0.561697	-1.78032	0.16349	2.88404	2.88404	0.348167	1.98961	1.98961	0.051481	4.84998	4.84998	0.559322	1.52274	1.52274	2.60698	20.9447	7.14141	1
cg03326990	PITRM1	0.0959613	0.0268283	1.57593	1.57593	0.0876047	0.721067	-1.38683	0.148245	1.30862	1.30862	0.0352165	1.53021	1.53021	0.675653	0.929621	-1.07571	0.893987	1.02339	1.02339	0.132007	1.32571	1.32571	0.797324	0.956349	-1.04564	0.946269	1.01176	1.01176	2.60698	1.2419	0.423444	1
cg12055395	DLX6AS	0.0959614	0.249356	3.64141	3.64141	0.911554	0.887563	-1.12668	0.63558	1.66935	1.66935	0.485035	0.466904	-2.14177	0.0156079	24.109	24.109	0.461866	0.447522	-2.23453	0.950955	1.06826	1.06826	0.0108327	31.0339	31.0339	0.317552	3.03148	3.03148	2.60698	47.5765	16.2219	1
cg16739342	NUDT5	0.095962	0.864909	0.943381	-1.06002	0.614581	0.840469	-1.18981	0.016826	0.36845	-2.71407	0.372117	1.36842	1.36842	0.00814021	0.313652	-3.18824	0.986608	1.00576	1.00576	0.572608	1.2155	1.2155	0.911795	1.03866	1.03866	0.988421	0.995045	-1.00498	2.60697	4.8376	1.64946	1
cg18080370	C3orf14;C3orf14	0.0959621	0.00375387	0.102353	-9.77008	0.79124	0.856794	-1.16714	0.682029	1.27124	1.27124	0.428018	0.62411	-1.60228	0.157848	0.414879	-2.41034	0.073393	0.312525	-3.19974	0.689616	0.791453	-1.2635	0.545905	1.42771	1.42771	0.259545	0.50397	-1.98425	2.60697	14.0142	4.77838	1
cg09203312	GJB6;GJB6;GJB6;GJB6;GJB6	0.0959623	0.0537574	0.421309	-2.37356	0.388764	0.705663	-1.41711	0.425912	0.725501	-1.37836	0.725863	1.14906	1.14906	0.0617723	0.435917	-2.29402	0.0561496	0.42583	-2.34836	0.00706763	0.253103	-3.95097	0.300964	0.655073	-1.52655	0.667635	0.843246	-1.18589	2.60697	6.4318	2.19303	1
cg01156302	HAPLN3	0.0959651	0.312726	1.22349	1.22349	0.009578	1.88446	1.88446	0.484443	1.14711	1.14711	0.657931	0.917526	-1.08989	0.376021	1.19183	1.19183	0.284281	0.806655	-1.23969	0.805709	1.04875	1.04875	0.0595652	0.663168	-1.50791	0.387756	0.842824	-1.18649	2.60693	1.54053	0.525275	1
cg01723252	TMEM184A	0.0959657	0.551392	0.795051	-1.25778	0.946622	0.974841	-1.02581	0.025256	0.363312	-2.75246	0.731747	0.877257	-1.13992	0.0973124	0.500348	-1.99861	0.0971922	0.5002	-1.9992	0.009622	0.287293	-3.48077	0.133811	0.540442	-1.85034	0.103997	0.508398	-1.96696	2.60693	5.97978	2.03894	1
cg22185378	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.0959681	0.986466	1.00299	1.00299	0.938655	0.986561	-1.01362	0.234974	0.80346	-1.24462	0.844426	1.03514	1.03514	0.634215	0.919189	-1.08792	0.0439849	1.50215	1.50215	0.00843623	1.80638	1.80638	0.209468	0.792519	-1.2618	0.963727	0.992037	-1.00803	2.6069	1.27591	0.435056	1
cg10216820	TPH2	0.0959686	0.0788788	0.423131	-2.36334	0.0205786	0.292455	-3.41933	0.843638	0.916639	-1.09094	0.162541	0.518322	-1.9293	0.0659231	0.402764	-2.48284	0.08703	0.434774	-2.30005	0.0485385	0.370369	-2.70001	0.030541	0.326194	-3.06566	0.211157	0.55953	-1.78721	2.60689	8.02104	2.73498	1
cg01410801	GPR56;GPR56	0.0959691	?	?	?	0.255612	0.547005	-1.82814	0.388622	0.638169	-1.56698	0.269392	0.557279	-1.79443	0.0219154	0.247147	-4.04618	0.111299	0.414049	-2.41518	0.0654241	0.349502	-2.86121	0.0811478	0.374214	-2.67227	0.0181493	0.232618	-4.29889	2.63619	9.59037	3.63797	1
cg16023283	LOC100133469	0.0959751	0.0248321	3.35919	3.35919	0.725635	1.17331	1.17331	0.186193	0.529529	-1.88847	0.22781	0.563113	-1.77584	0.385969	1.49656	1.49656	0.697213	1.19407	1.19407	0.10877	2.21108	2.21108	0.432387	0.695261	-1.43831	0.0628775	0.38701	-2.58392	2.60682	8.49594	2.897	1
cg07622533	TUBB	0.0959774	0.194175	0.491866	-2.03307	0.0963585	2.56796	2.56796	0.546129	1.37099	1.37099	0.69891	1.22235	1.22235	0.019954	0.234351	-4.2671	0.30997	1.72066	1.72066	0.0977241	0.391203	-2.55622	0.37206	1.60546	1.60546	0.28041	0.560127	-1.78531	2.60679	11.0167	3.75658	1
cg08003150	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.0959778	?	?	?	?	?	?	?	?	?	0.270286	0.404429	-2.47262	?	?	?	0.335228	0.45796	-2.1836	?	?	?	?	?	?	0.0462476	6.47057	6.47057	3.36686	10.2255	6.07418	1
cg02510471	HOXC11	0.0959805	0.67714	0.926596	-1.07922	0.843232	1.03671	1.03671	0.174457	1.30084	1.30084	0.654321	1.08552	1.08552	0.905141	0.978528	-1.02194	0.196937	0.780068	-1.28194	0.451469	0.869637	-1.1499	0.00361525	2.0485	2.0485	0.958325	1.00956	1.00956	2.60676	1.3686	0.466684	1
cg27298254	CORO2B	0.0959821	0.870496	0.893395	-1.11933	0.00755928	10.7426	10.7426	0.0189658	7.11934	7.11934	0.771983	1.22232	1.22232	0.347087	1.95213	1.95213	0.248066	2.30316	2.30316	0.0944746	3.56083	3.56083	0.327277	2.01112	2.01112	0.147761	2.92404	2.92404	2.60674	19.7072	6.7201	1
cg21523574	SLC7A8;SLC7A8	0.0959833	0.757201	1.08726	1.08726	0.873214	0.957832	-1.04402	0.328178	0.761642	-1.31295	0.519893	0.838633	-1.19242	0.0587232	1.77895	1.77895	0.0651552	0.572018	-1.7482	0.429419	1.2431	1.2431	0.0136432	0.439074	-2.27752	0.462812	0.817401	-1.22339	2.60672	3.00469	1.0246	1
cg21982924	ATP6V1G2;NFKBIL1;NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1	0.0959847	0.0503991	0.172465	-5.79829	0.0167139	0.10004	-9.99601	0.122613	0.267548	-3.73765	0.293095	0.423352	-2.3621	0.0346361	0.143525	-6.96745	0.345779	0.46523	-2.14947	0.0339559	0.142134	-7.0356	0.157373	0.303723	-3.29247	0.101307	0.243177	-4.11223	2.60671	25.6418	8.74387	1
cg06357843	PANX2;PANX2;PANX2	0.0959848	0.880374	1.06364	1.06364	0.037961	2.67984	2.67984	0.131532	1.94831	1.94831	0.879542	0.939762	-1.0641	0.386985	1.43805	1.43805	0.514384	0.762708	-1.31112	0.0107573	3.71677	3.71677	0.0880914	2.16208	2.16208	0.496757	0.753761	-1.32668	2.60671	6.92906	2.36282	1
cg05264232	TNNI3K;TNNI3K	0.095985	0.0498993	0.545241	-1.83405	0.688936	1.11531	1.11531	0.105059	1.61667	1.61667	0.493076	0.827957	-1.20779	0.0733911	0.581905	-1.71849	0.752746	0.917859	-1.08949	0.0462556	1.85762	1.85762	0.374959	0.781159	-1.28015	0.259938	0.727084	-1.37536	2.6067	3.03683	1.03556	1
cg09884146	SPRED2;SPRED2;SPRED2	0.0959851	0.0225934	0.129809	-7.70363	0.190601	2.81889	2.81889	0.317171	0.461536	-2.16668	0.0698774	0.219666	-4.55236	0.220221	0.381432	-2.6217	0.371245	0.503332	-1.98676	0.0432545	0.175776	-5.68904	0.680455	1.36295	1.36295	0.108597	0.270174	-3.70132	2.6067	23.0829	7.87131	1
cg10816243	GABRP	0.0959862	0.504212	1.19667	1.19667	0.378154	1.27066	1.27066	0.147596	1.50922	1.50922	0.243851	1.38129	1.38129	0.715665	1.10176	1.10176	0.605849	0.871194	-1.14785	0.0145543	2.21943	2.21943	0.12007	0.639719	-1.56319	0.105193	0.625638	-1.59837	2.60669	2.8972	0.987953	1
cg01885635	ZNF621;ZNF621	0.0959911	0.0924695	0.601344	-1.66294	0.250015	1.39122	1.39122	0.562704	0.851513	-1.17438	0.857105	0.9517	-1.05075	0.025611	0.482709	-2.07164	0.111615	0.621302	-1.60952	0.0184455	0.456051	-2.19274	0.148696	0.653489	-1.53025	0.79545	0.93113	-1.07396	2.60663	3.11446	1.06206	1
cg23250741	DOCK6;LOC55908	0.0959945	0.0755207	0.383533	-2.60734	0.513897	0.72568	-1.37802	0.142698	0.466197	-2.14502	0.0438264	0.325552	-3.07171	0.0109896	0.213209	-4.69023	0.124878	0.447237	-2.23595	0.106216	0.425479	-2.35029	0.0393629	0.315197	-3.17261	0.548635	0.745293	-1.34175	2.60659	9.68549	3.3029	1
cg24319547	SLC39A7;SLC39A7;RXRB;SLC39A7	0.0959947	0.0696159	0.404676	-2.47112	0.0265104	0.309587	-3.23011	0.186133	1.86805	1.86805	0.111349	0.46155	-2.16661	0.749092	1.15379	1.15379	0.30548	1.60486	1.60486	0.112453	0.462841	-2.16057	0.989426	1.00593	1.00593	0.405848	1.46099	1.46099	2.60659	8.20458	2.79789	1
cg26530498	C1QL2;C1QL2	0.0959973	0.277191	0.881531	-1.13439	0.081991	1.23988	1.23988	0.142891	1.19207	1.19207	0.0499232	0.779205	-1.28336	0.484902	0.923866	-1.08241	0.372072	1.10766	1.10766	0.869001	0.981752	-1.01859	0.123487	1.20461	1.20461	0.0719623	1.25121	1.25121	2.60656	0.513909	0.175253	1
cg09444531	ENPP2;ENPP2;ENPP2	0.0959986	0.368864	1.55731	1.55731	0.932481	1.04151	1.04151	0.033949	0.304769	-3.28117	0.958568	1.02525	1.02525	0.170525	0.496337	-2.01476	0.057289	2.8071	2.8071	0.595003	0.772973	-1.29371	0.0562486	2.82248	2.82248	0.262633	1.75164	1.75164	2.60655	9.50931	3.24288	1
cg01259029	ANKRD33B	0.0959989	0.690679	0.911538	-1.09705	0.0489456	0.59415	-1.68308	0.806949	0.944884	-1.05833	0.975264	1.00721	1.00721	0.732021	1.08285	1.08285	0.207581	1.36032	1.36032	0.00537969	0.428001	-2.33644	0.259704	0.761656	-1.31293	0.72214	0.920644	-1.0862	2.60654	2.2136	0.754886	1
cg24863335	NETO1	0.0959992	0.587804	0.930357	-1.07486	0.92938	1.01176	1.01176	0.314956	1.1469	1.1469	0.506206	1.09305	1.09305	0.381074	1.12581	1.12581	0.739539	1.04499	1.04499	0.163886	1.21647	1.21647	0.0394081	1.36933	1.36933	0.00397185	1.66676	1.66676	2.60654	0.718263	0.244944	1
cg17080709	GNAI3	0.0960002	0.691523	0.865762	-1.15505	0.805153	0.914544	-1.09344	0.31626	1.45423	1.45423	0.061018	0.46622	-2.14491	0.130121	0.553825	-1.80562	0.42662	0.745736	-1.34096	0.00486286	0.259388	-3.85523	0.818857	1.08644	1.08644	0.363295	0.713421	-1.4017	2.60653	5.39257	1.839	1
cg09669874	NCOA1;NCOA1;NCOA1	0.0960064	0.060594	0.427619	-2.33853	0.513183	0.766228	-1.30509	0.471048	0.744971	-1.34233	0.833149	0.918782	-1.0884	0.0770246	0.454074	-2.20229	0.0502363	0.408084	-2.45048	0.00895514	0.263187	-3.79957	0.839963	0.922019	-1.08458	0.0559073	0.419115	-2.38598	2.60645	6.65567	2.26981	1
cg17826324	ADC	0.0960099	0.936752	0.972716	-1.02805	0.00949737	4.62084	4.62084	0.108933	1.961	1.961	0.0503876	2.47669	2.47669	0.0445196	2.57772	2.57772	0.315069	1.45632	1.45632	0.581401	0.821831	-1.2168	0.598108	1.20594	1.20594	0.272189	1.517	1.517	4.03847	6.76322	0.744311	1
cg01915885	NCRNA00171	0.0960102	0.29778	1.19355	1.19355	0.113253	0.753875	-1.32648	0.453571	0.882363	-1.13332	0.146058	0.774295	-1.2915	0.034083	1.49993	1.49993	0.211165	1.24104	1.24104	0.0942791	1.35193	1.35193	0.260298	0.824917	-1.21224	0.591471	1.09288	1.09288	2.60641	1.10922	0.378288	1
cg02064080	ZNF808	0.0960114	0.855641	0.978371	-1.02211	0.269619	0.871068	-1.14802	0.804615	1.03021	1.03021	0.256197	0.867352	-1.15293	0.541455	1.07704	1.07704	0.0743374	1.26966	1.26966	0.00533856	1.55374	1.55374	0.519253	1.08161	1.08161	0.604274	1.06479	1.06479	2.6064	0.595145	0.202969	1
cg09536315	CCDC141	0.0960117	0.0969882	0.405599	-2.46549	0.226789	1.87505	1.87505	0.267979	0.564623	-1.77109	0.279563	0.572997	-1.74521	0.0063368	0.17193	-5.81631	0.336398	0.612006	-1.63397	0.47457	0.69751	-1.43367	0.57413	1.32483	1.32483	0.145605	0.461151	-2.16849	2.60639	10.1299	3.45471	1
cg15035973	FAM119A;FAM119A	0.0960118	0.0710125	0.469557	-2.12967	0.715338	1.14715	1.14715	0.0947712	0.502465	-1.99019	0.643952	1.19058	1.19058	0.662104	0.848047	-1.17918	0.0253062	0.369088	-2.70938	0.0516913	0.436054	-2.29329	0.706158	1.15254	1.15254	0.0395696	0.409756	-2.44048	2.60639	5.79914	1.97775	1
cg24189559	CAND2;CAND2	0.096012	0.0536208	3.25591	3.25591	0.278213	1.83552	1.83552	0.990645	0.993705	-1.00633	0.479012	0.678665	-1.47348	0.393166	0.624291	-1.60182	0.702512	0.81327	-1.2296	0.435421	0.651414	-1.53512	0.784678	1.15895	1.15895	0.00627448	6.80696	6.80696	2.60639	11.9757	4.08423	1
cg01907658	AFF4;AFF4	0.0960143	0.572412	0.687001	-1.4556	0.242948	2.24458	2.24458	0.642337	1.36024	1.36024	0.00697972	0.0915714	-10.9204	0.136963	2.90042	2.90042	0.759191	0.816989	-1.22401	?	?	?	0.826252	1.15545	1.15545	0.48519	1.5955	1.5955	2.80401	16.6851	5.20664	1
cg13153009	ZC3H3	0.0960146	0.707334	1.21597	1.21597	0.285679	0.562764	-1.77694	0.060256	0.333304	-3.00026	0.874332	0.921217	-1.08552	0.0127343	0.200927	-4.97693	0.128011	0.426102	-2.34686	0.152901	0.452187	-2.21147	0.205753	1.99782	1.99782	0.502353	1.42328	1.42328	2.60636	11.0958	3.78417	1
cg06201642	ST6GALNAC5;ST6GALNAC5	0.0960183	0.675264	1.04714	1.04714	0.915225	0.988426	-1.01171	0.0879553	1.2286	1.2286	0.0592271	0.792271	-1.26219	0.780025	0.969854	-1.03108	0.424349	1.0933	1.0933	0.144629	0.842569	-1.18685	0.323585	1.11791	1.11791	0.0206284	1.35633	1.35633	2.60632	0.493373	0.168266	1
cg06638966	COL19A1	0.096021	0.0575114	0.293326	-3.40918	0.880147	1.08997	1.08997	0.789572	0.858376	-1.16499	0.666121	0.780478	-1.28127	0.045776	0.270525	-3.69652	0.610351	0.745709	-1.341	0.0915422	0.346173	-2.88873	0.0289994	4.34751	4.34751	0.27299	0.521324	-1.91819	2.60629	13.4557	4.58915	1
cg08726338	PLEKHH2;LOC728819	0.0960212	0.142569	0.334228	-2.99197	0.0182206	0.136278	-7.33793	0.0575699	0.224647	-4.45143	0.481546	0.608092	-1.64449	0.0236749	0.152875	-6.54129	0.358442	0.518601	-1.92827	0.0369888	0.185574	-5.38869	0.19404	0.384651	-2.59976	0.0971432	0.281976	-3.5464	2.60628	19.9571	6.8065	1
cg03538934	NAT8L	0.0960226	0.833076	0.911273	-1.09737	0.0297581	3.0835	3.0835	0.0912467	2.26791	2.26791	0.153077	1.96127	1.96127	0.0474668	0.368551	-2.71333	0.0820144	2.3357	2.3357	0.488375	1.36328	1.36328	0.842264	0.916022	-1.09168	0.504164	1.34771	1.34771	2.60627	8.00002	2.72847	1
cg05469826	CUX1;CUX1;CUX1	0.0960244	0.273678	0.738668	-1.35379	0.0246918	2.0365	2.0365	0.322155	1.31254	1.31254	0.953753	0.984696	-1.01554	0.0765022	0.592165	-1.68872	0.886131	1.03884	1.03884	0.0371766	0.525561	-1.90273	0.442509	1.23149	1.23149	0.938631	1.02069	1.02069	2.60625	2.91873	0.995463	1
cg18356403	ZNF662;ZNF662	0.0960259	0.109733	0.450073	-2.22186	0.232939	0.564007	-1.77303	0.272687	0.592895	-1.68664	0.360489	0.65022	-1.53794	0.0108837	0.231349	-4.32247	0.0506781	0.360757	-2.77195	0.0479492	0.355124	-2.81592	0.433202	1.44223	1.44223	0.966704	1.0193	1.0193	2.60623	8.65369	2.95146	1
cg03102729	GLUD2;GLUD2	0.0960262	0.202871	4.97482	4.97482	0.430982	2.60988	2.60988	0.94099	0.915434	-1.09238	0.326904	3.34652	3.34652	0.528678	2.1421	2.1421	0.356499	0.322433	-3.10142	0.115442	0.129707	-7.70971	0.0183867	30.3881	30.3881	0.0329754	19.6152	19.6152	2.60623	58.7942	20.0526	1
cg06953865	ISYNA1;ISYNA1;ISYNA1	0.0960287	0.412577	1.26311	1.26311	0.00530936	2.7852	2.7852	0.403148	1.2694	1.2694	0.887592	1.04022	1.04022	0.419567	0.794574	-1.25854	0.107363	1.63233	1.63233	0.0384981	1.95123	1.95123	0.315205	1.33585	1.33585	0.677608	1.12363	1.12363	2.6062	3.20891	1.09446	1
cg26540647	KIAA0556	0.0960293	0.581371	0.81176	-1.23189	0.0136932	0.319286	-3.13199	0.0416748	0.415052	-2.40934	0.744895	1.13005	1.13005	0.176153	0.583583	-1.71355	0.341685	0.692879	-1.44325	0.180929	0.587455	-1.70226	0.249643	0.63727	-1.56919	0.13137	1.84036	1.84036	2.60619	5.78854	1.97429	1
cg15187175	GPC6	0.0960304	0.283858	1.37019	1.37019	0.0306215	0.487483	-2.05135	0.658104	0.88163	-1.13426	0.312707	1.34366	1.34366	0.299019	1.35593	1.35593	0.031386	2.04245	2.04245	0.0905815	1.69462	1.69462	0.92675	0.974324	-1.02635	0.440509	0.800504	-1.24921	2.60618	3.30284	1.1265	1
cg01204911	ARHGAP26;ARHGAP26	0.0960335	0.492477	0.790184	-1.26553	0.0661742	2.00611	2.00611	0.398066	0.746547	-1.3395	0.0732919	0.509315	-1.96342	0.868812	0.945689	-1.05743	0.956146	0.981594	-1.01875	0.018063	2.63836	2.63836	0.333121	1.40111	1.40111	0.30065	0.696066	-1.43664	2.60614	4.71034	1.60658	1
cg06179485	TMEM54	0.0960385	0.91706	1.0172	1.0172	0.554154	0.906704	-1.1029	0.0413985	0.680442	-1.46963	0.929624	0.985646	-1.01456	0.0843367	0.731594	-1.36688	0.0217659	1.5695	1.5695	0.114211	0.754858	-1.32475	0.310006	0.842026	-1.18761	0.897453	0.979117	-1.02133	2.60608	1.10573	0.377145	1
cg07052950	DOK5	0.0960389	0.027137	0.420906	-2.37583	0.102795	0.55402	-1.80499	0.399941	0.751951	-1.32987	0.0354066	0.444666	-2.24888	0.0117909	0.353256	-2.83081	0.070017	0.511597	-1.95466	0.34328	0.723959	-1.38129	0.253141	0.673759	-1.48421	0.325266	0.714574	-1.39944	2.60608	4.51811	1.54105	1
cg15004949	ZNF414;ZNF414	0.0960409	?	?	?	0.0362015	8.71828	8.71828	0.0175521	13.0578	13.0578	0.431243	2.04251	2.04251	0.39173	0.458346	-2.18176	0.955309	0.951397	-1.05109	?	?	?	?	?	?	0.633438	1.53286	1.53286	2.71771	22.6802	11.1271	1
cg27382691	ETFA;TYRO3P;ETFA	0.0960429	0.608127	0.921372	-1.08534	0.986172	1.00275	1.00275	0.3728	0.865126	-1.1559	0.744768	0.94959	-1.05309	0.0792352	1.36143	1.36143	0.122892	1.30301	1.30301	0.0126747	1.63332	1.63332	0.152794	0.78469	-1.27439	0.486544	0.894091	-1.11845	2.60603	1.03486	0.352979	1
cg13154413	ZFYVE21	0.096044	0.958481	0.983477	-1.0168	0.420864	1.30104	1.30104	0.00343657	3.56741	3.56741	0.0486047	2.05631	2.05631	0.754008	1.10584	1.10584	0.547018	1.21536	1.21536	0.576524	0.8348	-1.19789	0.286728	1.42481	1.42481	0.245945	1.47453	1.47453	2.60602	4.22724	1.44187	1
cg14028489	SLC43A1	0.0960453	0.00652216	0.0853158	-11.7212	0.327867	0.525767	-1.90198	0.310029	1.95284	1.95284	0.873544	0.904598	-1.10546	0.755446	1.21755	1.21755	0.711712	0.791386	-1.26361	?	?	?	0.274118	2.06788	2.06788	0.382593	1.76584	1.76584	3.04408	16.1632	3.9823	1
cg06739004	C7orf59	0.0960456	0.600052	0.761754	-1.31276	0.885734	0.928708	-1.07677	0.642619	1.27172	1.27172	0.972533	1.01787	1.01787	0.0101136	0.188435	-5.30688	0.320325	0.589674	-1.69585	0.0146694	0.213228	-4.68982	0.334276	1.66899	1.66899	0.44066	0.667332	-1.4985	2.606	10.9197	3.72463	1
cg09499482	FBXL22	0.0960478	0.444013	0.806722	-1.23958	0.0887642	0.596487	-1.67648	0.28046	0.734348	-1.36175	0.993929	0.997908	-1.0021	0.16355	0.664158	-1.50567	0.487153	0.823409	-1.21446	0.00231888	0.310069	-3.22509	0.594808	0.862647	-1.15922	0.310108	0.748962	-1.33518	2.60597	3.1264	1.0664	1
cg00415993	F2RL2;F2RL2;IQGAP2	0.0960486	0.0384157	0.402339	-2.48546	0.66863	0.849225	-1.17754	0.160046	0.565678	-1.76779	0.131281	0.538816	-1.85592	0.0221092	0.352913	-2.83356	0.114943	0.521731	-1.9167	0.0133487	0.312442	-3.20059	0.272853	0.648457	-1.54212	0.158062	0.563933	-1.77326	2.60597	5.94577	2.02809	1
cg01129128	TRAPPC9;TRAPPC9	0.0960495	0.124577	1.53659	1.53659	0.262526	0.739487	-1.35229	0.149429	0.670777	-1.49081	0.878622	1.04027	1.04027	0.747988	0.920094	-1.08685	0.038897	0.539185	-1.85465	0.0468943	0.555609	-1.79983	0.260966	1.35374	1.35374	0.0985014	0.626205	-1.59692	2.60596	2.75449	0.939556	1
cg19491035	MANSC1	0.0960523	0.447831	0.904715	-1.10532	0.555766	0.925767	-1.08019	0.0484569	1.33888	1.33888	0.185872	0.833967	-1.19909	0.117946	1.24577	1.24577	0.734772	0.956939	-1.045	0.0205872	0.696962	-1.4348	0.345806	1.13392	1.13392	0.722262	1.04728	1.04728	2.60592	0.691523	0.235881	1
cg24613644	PSD3;PSD3	0.0960523	0.322988	0.735812	-1.35904	0.00641069	0.344476	-2.90296	0.0482953	0.507565	-1.97019	0.273215	0.709871	-1.40871	0.089062	0.569195	-1.75687	0.174375	0.647789	-1.54371	0.414799	1.28466	1.28466	0.596104	0.85151	-1.17438	0.237117	0.689212	-1.45093	2.60592	3.72711	1.27133	1
cg18117780	LOC440461	0.0960529	0.870513	0.948766	-1.054	0.0595568	1.98482	1.98482	0.145913	0.604539	-1.65415	0.91414	1.03538	1.03538	0.713685	0.887982	-1.12615	0.358869	1.35548	1.35548	0.327848	1.38488	1.38488	0.00631973	3.14686	3.14686	0.636841	1.16569	1.16569	2.60592	4.28948	1.46316	1
cg26680350	KIAA1217;KIAA1217;KIAA1217	0.096053	0.199583	1.74701	1.74701	0.0796673	2.22717	2.22717	0.15418	1.87376	1.87376	0.232963	1.67341	1.67341	0.326638	0.659092	-1.51724	0.056703	2.4301	2.4301	0.0106514	3.75042	3.75042	0.199255	1.7478	1.7478	0.152678	1.87868	1.87868	2.60591	6.99426	2.38577	1
cg03728197	ANKLE2	0.0960583	0.331916	1.31216	1.31216	0.00919862	2.45343	2.45343	0.505095	1.20147	1.20147	0.639525	0.879829	-1.13658	0.650224	1.1319	1.1319	0.194083	0.688747	-1.45191	0.425218	1.24733	1.24733	0.0835517	1.68172	1.68172	0.172885	0.674579	-1.48241	2.60585	3.03999	1.03698	1
cg00302270	TTC3;TTC3	0.096059	0.0784355	0.378087	-2.64489	0.825526	1.11611	1.11611	0.777165	0.868337	-1.15163	0.725887	1.19141	1.19141	0.0191969	0.244219	-4.09469	0.111317	0.421897	-2.37025	0.0317219	0.285701	-3.50016	0.7331	1.18567	1.18567	0.0625839	0.352517	-2.83675	2.60584	10.2168	3.48507	1
cg13882835	TLK1;TLK1	0.0960593	0.492732	0.903707	-1.10655	0.893727	0.980762	-1.01962	0.602771	0.926531	-1.0793	0.051856	0.725029	-1.37926	0.96345	1.00668	1.00668	0.193734	1.22122	1.22122	0.0283838	0.686577	-1.4565	0.0370799	0.703405	-1.42166	0.0604168	0.735101	-1.36036	2.60584	0.871729	0.297359	1
cg17160925	ZNF155;ZNF155	0.0960636	0.274374	0.708393	-1.41165	0.0279909	2.19669	2.19669	0.0841559	1.78464	1.78464	0.861173	0.948322	-1.05449	0.991252	0.996682	-1.00333	0.294491	0.719222	-1.39039	0.50172	1.22959	1.22959	0.0820809	1.79312	1.79312	0.0415995	2.03834	2.03834	2.60579	3.79216	1.29358	1
cg03956820	SLC16A3;SLC16A3;SLC16A3;SLC16A3	0.0960651	0.940583	1.02844	1.02844	0.234637	0.625864	-1.59779	0.062571	0.454599	-2.19974	0.822441	1.08823	1.08823	0.268616	0.648288	-1.54252	0.0683162	2.15496	2.15496	0.0776872	2.09092	2.09092	0.0553995	2.26325	2.26325	0.849107	1.07428	1.07428	2.60577	5.83971	1.99206	1
cg26366616	PDLIM2;PDLIM2;PDLIM2	0.0960656	0.0631881	0.42683	-2.34285	0.820498	0.911561	-1.09702	0.281981	0.63411	-1.57701	0.11184	0.493876	-2.0248	0.0147165	0.294265	-3.3983	0.271444	0.627224	-1.59433	0.00964351	0.263238	-3.79884	0.482758	0.747787	-1.33728	0.489357	0.751163	-1.33127	2.60577	6.85069	2.33693	1
cg13944105	SLC12A1	0.096069	0.0935183	0.339424	-2.94617	0.00412917	0.105085	-9.51613	0.472497	0.65178	-1.53426	0.968786	0.977339	-1.02319	0.060677	0.289725	-3.45154	0.681493	0.785262	-1.27346	0.102928	0.351658	-2.84367	0.777649	0.847185	-1.18038	0.987451	0.990829	-1.00926	2.60573	14.1608	4.83066	1
cg05866806	MTG1	0.0960701	0.0998523	0.272044	-3.67587	0.711061	1.30814	1.30814	0.443548	0.568961	-1.75759	0.828976	1.16902	1.16902	0.016728	0.121429	-8.23528	0.134465	0.31191	-3.20605	0.0404944	0.181222	-5.51809	0.669885	1.36285	1.36285	0.0447148	0.18946	-5.27815	2.60572	21.507	7.33668	1
cg10963255	SOX13	0.0960704	0.0522839	0.712383	-1.40374	0.317585	0.853229	-1.17202	0.0844911	0.745876	-1.34071	0.620254	0.926129	-1.07976	0.193303	0.809367	-1.23553	0.980227	1.00382	1.00382	0.0146678	1.58665	1.58665	0.992098	0.99848	-1.00152	0.710789	0.944382	-1.05889	2.60571	0.974191	0.332326	1
cg23646820	GPR137B	0.0960711	0.404592	1.61678	1.61678	0.0178976	5.0592	5.0592	0.649429	1.2941	1.2941	0.0719166	3.10131	3.10131	0.0653473	0.311783	-3.20736	0.301811	1.82698	1.82698	0.136443	2.46921	2.46921	0.420578	0.629035	-1.58974	0.694222	1.24931	1.24931	2.6057	13.0981	4.46817	1
cg09209257	NRXN3	0.0960713	0.499947	0.823865	-1.21379	0.0383099	1.97234	1.97234	0.414063	1.26649	1.26649	0.345459	0.759625	-1.31644	0.107488	0.608318	-1.64388	0.340136	1.3207	1.3207	0.0505979	1.87822	1.87822	0.473722	0.813694	-1.22896	0.14572	0.64277	-1.55577	2.6057	3.30401	1.1271	1
cg19948253	LTBP3;LTBP3;LTBP3	0.0960723	0.835498	0.951777	-1.05067	0.0151123	2.03321	2.03321	0.326093	0.785843	-1.27252	0.0808543	1.58429	1.58429	0.23672	1.34269	1.34269	0.873787	0.962919	-1.03851	0.130857	1.47366	1.47366	0.0306291	1.82887	1.82887	0.377927	1.23991	1.23991	2.60569	2.33155	0.795369	1
cg05080566	MIIP	0.0960725	0.25941	1.20574	1.20574	0.226673	1.22367	1.22367	0.1412	1.28612	1.28612	0.470949	0.889921	-1.12369	0.683827	0.936964	-1.06728	0.261901	1.20446	1.20446	0.00837692	0.585291	-1.70855	0.488182	0.894053	-1.1185	0.514292	0.900173	-1.1109	2.60569	1.04357	0.355997	1
cg10072502	YWHAZ;YWHAZ;YWHAZ;YWHAZ	0.0960725	0.524549	0.862131	-1.15992	0.912854	0.975131	-1.0255	0.933098	1.0195	1.0195	0.615663	1.12349	1.12349	0.840918	0.954821	-1.04732	0.0195261	0.522411	-1.9142	0.110463	0.670231	-1.49202	0.253819	1.31539	1.31539	0.0278547	1.81833	1.81833	2.60569	2.18391	0.745007	1
cg00047079	RNF219	0.0960725	0.258471	0.840226	-1.19016	0.0574482	0.728137	-1.37337	0.15157	0.797036	-1.25465	0.49039	0.901734	-1.10897	0.355257	1.15074	1.15074	0.284686	1.17831	1.17831	0.0332422	1.44406	1.44406	0.118121	0.778395	-1.2847	0.774853	1.04325	1.04325	2.60569	0.899626	0.306893	1
cg03556021	REEP5	0.0960778	0.111856	0.326619	-3.06168	0.340234	1.8874	1.8874	0.750761	0.813878	-1.22869	0.626706	0.728505	-1.37267	0.0242454	0.176233	-5.67429	0.57538	0.69368	-1.44159	0.0187729	0.158787	-6.29775	0.043147	0.222328	-4.49786	0.259436	0.46752	-2.13895	2.60563	17.2357	5.87984	1
cg05073044	SNAPC1	0.096079	0.0916898	0.263845	-3.79011	0.0104481	0.0989713	-10.1039	0.114217	0.291481	-3.43076	0.742987	0.789713	-1.26628	0.184058	0.363829	-2.74854	0.115505	0.292976	-3.41325	0.0377089	0.177389	-5.63732	0.0584894	0.215719	-4.63566	0.136007	0.31579	-3.16666	2.60561	21.2448	7.24753	1
cg20757532	TMPRSS4;TMPRSS4	0.0960829	0.842886	1.03092	1.03092	0.648182	0.931928	-1.07304	0.0107302	0.611383	-1.63564	0.611609	0.924425	-1.08175	0.184156	1.24134	1.24134	0.330089	1.16676	1.16676	0.0469638	1.4176	1.4176	0.494106	0.89892	-1.11245	0.528508	0.906654	-1.10296	2.60557	0.971834	0.331541	1
cg23002590	RPS6KA2;RPS6KA2	0.0960837	0.175154	0.528246	-1.89306	0.0332405	0.332352	-3.00885	0.0414828	0.353252	-2.83084	0.0912527	0.439008	-2.27786	0.273107	1.6567	1.6567	0.58628	0.784093	-1.27536	0.0433727	0.357605	-2.79638	0.710824	1.17919	1.17919	0.74626	1.15454	1.15454	2.60556	8.08396	2.75785	1
cg05678729	TFAP4;TFAP4	0.0960843	0.316693	0.797087	-1.25457	0.0456569	1.65211	1.65211	0.31798	1.25376	1.25376	0.563777	1.13639	1.13639	0.18937	0.737418	-1.35608	0.432027	1.19207	1.19207	0.0259653	0.560406	-1.78442	0.283566	1.27646	1.27646	0.239982	1.30939	1.30939	2.60555	1.98087	0.675779	1
cg16344026	PPARGC1B	0.0960896	0.149452	1.15962	1.15962	0.0143065	1.33565	1.33565	0.0556188	1.23099	1.23099	0.670914	0.959876	-1.0418	0.0311148	1.27432	1.27432	0.0722836	1.2119	1.2119	0.286552	1.11186	1.11186	0.916566	0.99001	-1.01009	0.409783	1.08412	1.08412	2.60549	0.378844	0.129246	1
cg16587158	EIF2B2	0.0960913	?	?	?	0.259594	2.78125	2.78125	0.643404	1.49231	1.49231	?	?	?	0.112213	0.216883	-4.61079	?	?	?	?	?	?	?	?	?	0.0401193	0.117112	-8.53887	3.25075	15.9888	7.37776	1
cg19416417	SGPP2	0.0960926	0.0703908	5.15087	5.15087	0.0901612	4.54334	4.54334	0.0434367	6.56894	6.56894	0.135365	3.68605	3.68605	0.492518	0.568392	-1.75935	0.569128	0.62727	-1.59421	0.447943	1.87168	1.87168	0.0239622	8.8737	8.8737	0.0930968	4.46977	4.46977	2.60546	27.1076	9.24814	1
cg13430104	NASP;NASP;NASP	0.0960951	0.968778	0.976863	-1.02368	0.15278	2.52346	2.52346	0.873208	0.908891	-1.10024	?	?	?	0.0307823	0.210897	-4.74165	0.0193221	0.17477	-5.72179	0.753617	1.20733	1.20733	0.36312	1.75305	1.75305	0.623257	1.34512	1.34512	2.80292	13.8179	4.31359	1
cg08748948	SCARF2;SCARF2	0.0960958	0.598011	0.814474	-1.22779	0.03984	0.399944	-2.50035	0.0396718	2.50289	2.50289	0.62838	0.828527	-1.20696	0.165522	0.565273	-1.76906	0.169249	1.75912	1.75912	0.407823	0.721412	-1.38617	0.619954	1.21265	1.21265	0.128168	1.8857	1.8857	2.60542	6.13803	2.09411	1
cg02925367	PRRT1	0.0960992	0.213475	2.75309	2.75309	0.0781359	4.54062	4.54062	0.81751	1.19564	1.19564	0.49969	1.69838	1.69838	0.839443	0.854852	-1.16979	0.144438	3.35998	3.35998	0.00510111	17.4801	17.4801	0.0434052	6.02389	6.02389	0.385839	1.98826	1.98826	2.60538	24.6599	8.41332	1
cg06361383	FAM170B	0.0960995	0.278797	0.703878	-1.4207	0.0124965	2.6354	2.6354	0.155296	1.60674	1.60674	0.923684	1.03033	1.03033	0.109268	0.580102	-1.72384	0.189715	1.54212	1.54212	0.613827	0.853275	-1.17195	0.510363	0.81203	-1.23148	0.341586	0.736692	-1.35742	2.60538	4.01251	1.36897	1
cg03620376	CDC42EP5;CDC42EP5	0.0961037	0.028297	0.335522	-2.98043	0.317043	1.54688	1.54688	0.158797	0.529807	-1.88748	0.240049	0.595217	-1.68006	0.0340212	0.352189	-2.83939	0.319106	0.647744	-1.54382	0.0348486	0.354418	-2.82152	0.0793641	0.439826	-2.27362	0.514654	0.756779	-1.32139	2.60533	7.33989	2.50423	1
cg19997946	C6orf176;C6orf176;LOC441177	0.0961045	0.221289	2.13684	2.13684	0.00329683	10.6369	10.6369	0.210001	2.18197	2.18197	0.433935	1.60248	1.60248	0.292262	1.90663	1.90663	0.184677	2.29544	2.29544	0.23695	2.07879	2.07879	0.0369185	4.18414	4.18414	0.50401	1.49252	1.49252	2.60532	14.3925	4.91046	1
cg00598912	DLGAP2	0.0961048	0.0732346	0.522308	-1.91458	0.198263	1.55592	1.55592	0.683242	0.875129	-1.14269	0.162612	0.615912	-1.62361	0.223356	0.659708	-1.51582	0.696228	1.13606	1.13606	0.580648	0.834089	-1.19891	0.0183634	0.394432	-2.53529	0.0339103	0.447028	-2.237	2.60531	4.36166	1.48812	1
cg15728439	PLEKHM3	0.0961061	0.0491262	0.758777	-1.31791	0.261233	1.15489	1.15489	0.0275417	0.725917	-1.37757	0.664916	0.947848	-1.05502	0.433198	1.10329	1.10329	0.134842	1.21912	1.21912	0.174555	1.19422	1.19422	0.493647	0.91811	-1.08919	0.440332	1.10155	1.10155	2.6053	0.623297	0.21266	1
cg27488095	TM4SF5;TM4SF5	0.0961063	0.934966	0.970668	-1.03022	0.00702104	3.56619	3.56619	0.742057	1.12804	1.12804	0.158376	1.73337	1.73337	0.359528	0.70917	-1.4101	0.0970872	1.94308	1.94308	0.136616	1.79497	1.79497	0.534946	0.795153	-1.25762	0.163817	1.71947	1.71947	2.6053	5.49081	1.87338	1
ch.19.848927R	ZNF90	0.0961071	0.110783	0.732651	-1.36491	0.03256	0.638968	-1.56502	0.0853847	0.71143	-1.40562	0.00530267	0.517943	-1.93071	0.445365	0.869981	-1.14945	0.15821	0.763308	-1.31009	0.350998	0.842098	-1.18751	0.528469	0.891957	-1.12113	0.778346	0.950733	-1.05182	2.60529	1.32263	0.451265	1
cg16621833	VGLL2;VGLL2	0.0961076	0.1243	4.2147	4.2147	0.165161	3.59575	3.59575	0.17826	3.44313	3.44313	0.27584	2.66414	2.66414	0.5663	0.605851	-1.65057	0.762582	1.29939	1.29939	0.209994	0.319187	-3.13296	0.0131968	14.2362	14.2362	0.0536565	6.64674	6.64674	2.60528	30.831	10.5192	1
cg21159993	C5orf32	0.0961084	0.326143	0.668023	-1.49695	0.426343	1.38158	1.38158	0.97042	1.01487	1.01487	0.0610376	2.31663	2.31663	0.397631	0.708467	-1.4115	0.340979	1.4777	1.4777	0.00754277	0.254601	-3.92772	0.837422	1.0852	1.0852	0.612027	0.815844	-1.22572	2.60527	6.53406	2.22935	1
cg00732348	CALY	0.0961103	0.265734	0.797048	-1.25463	0.0541291	1.53346	1.53346	0.669945	0.919559	-1.08748	0.916277	1.02078	1.02078	0.251873	0.791262	-1.2638	0.236021	0.784365	-1.27492	0.0274242	0.600324	-1.66577	0.382017	0.839154	-1.19168	0.0878788	1.44547	1.44547	2.60525	1.57855	0.538586	1
cg19822764	SLC46A1	0.0961118	0.748662	1.18275	1.18275	0.407595	1.55627	1.55627	0.0773416	2.78782	2.78782	0.184619	2.08486	2.08486	0.625608	0.773567	-1.29271	0.238324	0.524725	-1.90576	0.0705706	0.348152	-2.87231	0.0505879	0.312486	-3.20015	0.152107	2.22785	2.22785	2.60523	11.2484	3.8379	1
cg19723705	AR;AR	0.0961151	0.0865832	0.268073	-3.73032	0.101379	0.287235	-3.48147	0.344523	0.508066	-1.96825	0.197766	0.387989	-2.57739	0.021378	0.146143	-6.84263	0.290995	0.466697	-2.14272	0.0647885	0.236352	-4.23097	0.0123248	0.114477	-8.73536	0.106442	0.293457	-3.40766	2.60519	19.9566	6.80916	1
cg24738592	RCN3	0.0961206	0.945843	0.992605	-1.00745	0.208325	0.865077	-1.15597	0.0152224	0.722026	-1.38499	0.563532	1.06588	1.06588	0.996523	0.999524	-1.00048	0.934663	0.991081	-1.009	0.337192	1.11417	1.11417	0.171776	0.85304	-1.17228	0.0361976	1.30492	1.30492	2.60513	0.492578	0.168071	1
cg19943000	FAM47E	0.0961207	0.132946	0.776312	-1.28814	0.0131181	0.618496	-1.61682	0.970307	1.00583	1.00583	0.34331	1.16472	1.16472	0.567438	1.09447	1.09447	0.490171	0.896304	-1.11569	0.842134	0.969335	-1.03164	0.185342	0.803024	-1.24529	0.0592004	1.39473	1.39473	2.60513	1.00649	0.343422	1
cg03132727	STX6	0.0961207	0.289109	1.39996	1.39996	0.770289	0.914367	-1.09365	0.0311765	0.461543	-2.16664	0.896992	1.0404	1.0404	0.108122	1.70911	1.70911	0.435025	1.27573	1.27573	0.0193096	2.37535	2.37535	0.395469	1.30484	1.30484	0.229463	1.47044	1.47044	2.60513	3.8571	1.31607	1
cg03449387	ABCC5;ABCC5	0.0961234	0.0270685	0.456363	-2.19124	0.843331	0.942412	-1.06111	0.669589	1.13731	1.13731	0.952035	1.01819	1.01819	0.00435936	0.319291	-3.13194	0.341033	0.745202	-1.34192	0.332804	0.741214	-1.34914	0.928804	1.02715	1.02715	0.826852	0.936444	-1.06787	2.6051	3.70712	1.26491	1
cg10504805	PRDM16;PRDM16	0.0961256	0.0411252	0.486663	-2.05481	0.0616928	0.52561	-1.90255	0.84914	1.05993	1.05993	0.28561	0.71252	-1.40347	0.00675313	0.341904	-2.9248	0.830231	0.936484	-1.06782	0.802145	1.07975	1.07975	0.849388	0.943553	-1.05982	0.156858	0.629535	-1.58847	2.60507	3.85388	1.315	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01211097	USP10	0.096126	0.931456	1.02468	1.02468	0.00676356	2.70414	2.70414	0.668466	0.885076	-1.12985	0.0654366	1.79674	1.79674	0.264689	0.719341	-1.39016	0.980543	1.00693	1.00693	0.313562	0.744264	-1.34361	0.529531	0.834861	-1.1978	0.384943	1.28714	1.28714	2.60507	3.31305	1.13046	1
cg20299776	ADARB2	0.0961281	0.262114	0.742535	-1.34674	0.674631	0.898088	-1.11348	0.622912	0.881459	-1.13448	0.0837142	0.614289	-1.6279	0.00733063	0.414767	-2.41099	0.583473	1.15139	1.15139	0.130319	1.51584	1.51584	0.585333	1.15058	1.15058	0.68248	1.11039	1.11039	2.60504	2.67399	0.912414	1
cg17478827	FIZ1;FIZ1;ZNF524	0.0961286	0.298725	1.13407	1.13407	0.0079193	0.671801	-1.48854	0.60324	1.06316	1.06316	0.0364394	0.752744	-1.32847	0.447523	1.09464	1.09464	0.796514	1.03064	1.03064	0.281835	0.877533	-1.13956	0.610382	0.941742	-1.06186	0.992311	0.998875	-1.00113	2.60504	0.562922	0.19208	1
cg10202693	SEPN1;SEPN1	0.0961303	0.993176	1.00284	1.00284	0.94787	0.978568	-1.0219	0.575022	1.20647	1.20647	0.870811	0.9475	-1.05541	0.00206891	0.237591	-4.20892	0.522812	1.23936	1.23936	0.84821	1.06555	1.06555	0.558275	1.21672	1.21672	0.521653	0.806375	-1.24012	2.60502	4.52958	1.54559	1
cg03047724	TBXAS1;TBXAS1;HIPK2;HIPK2	0.0961327	0.0280491	0.645373	-1.54949	0.0620154	0.701431	-1.42566	0.292488	1.2024	1.2024	0.265059	0.821987	-1.21656	0.895997	1.02232	1.02232	0.0298147	0.649541	-1.53955	0.251206	1.22425	1.22425	0.991583	0.998221	-1.00178	0.863268	1.02952	1.02952	2.60499	1.17515	0.400993	1
cg01581018	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.0961362	0.0250409	13.301	13.301	0.7164	1.42497	1.42497	0.940703	1.07489	1.07489	0.613093	0.60958	-1.64047	0.307206	0.358397	-2.7902	0.112089	5.36275	5.36275	0.863229	0.845882	-1.1822	0.010251	23.1338	23.1338	0.533677	1.84398	1.84398	2.60495	38.8774	13.2661	1
cg26826729	GAPDH	0.0961392	0.785139	1.11978	1.11978	0.00390283	4.99473	4.99473	0.0232245	3.07456	3.07456	0.263707	1.61982	1.61982	0.779811	1.12302	1.12302	0.344728	1.49613	1.49613	0.262895	1.62126	1.62126	0.259118	1.62804	1.62804	0.745768	1.14416	1.14416	2.60492	7.07014	2.41258	1
cg10548277	MED8;MED8;MED8;MED8;C1orf84	0.0961398	0.00681997	0.643479	-1.55405	0.335525	1.13305	1.13305	0.649562	0.944086	-1.05923	0.350237	1.12856	1.12856	0.33404	1.13352	1.13352	0.498361	1.09031	1.09031	0.350798	1.12839	1.12839	0.435505	0.904771	-1.10525	0.140835	1.22048	1.22048	2.60491	0.652728	0.222734	1
cg18965989	PSRC1;PSRC1;PSRC1;PSRC1	0.0961414	0.783115	0.815524	-1.2262	0.0227461	7.4993	7.4993	0.976985	0.978906	-1.02155	0.116176	3.53178	3.53178	0.116627	0.28366	-3.52535	0.789953	1.21812	1.21812	0.203579	0.370919	-2.696	0.0483227	5.29876	5.29876	0.450812	1.76443	1.76443	2.60489	22.5334	7.68925	1
cg23250407	SNW1	0.0961441	0.414695	0.646398	-1.54703	0.671567	1.25006	1.25006	0.533875	0.719118	-1.39059	0.95376	1.03081	1.03081	0.0187927	0.225417	-4.43621	0.273186	0.550572	-1.81629	0.0376943	0.283222	-3.5308	0.0847514	2.71196	2.71196	0.145517	0.441349	-2.26578	2.60486	11.2989	3.85566	1
cg01109017	DENND1A	0.0961443	0.0359756	0.284682	-3.51269	0.255434	1.84309	1.84309	0.274847	1.79517	1.79517	0.0999409	2.53045	2.53045	0.0974191	0.39192	-2.55154	0.805064	1.13581	1.13581	0.129768	2.32305	2.32305	0.31723	1.70311	1.70311	0.336635	0.600377	-1.66562	2.60486	10.9418	3.73383	1
cg08069902	KCNK10;KCNK10;KCNK10	0.0961448	0.0309449	0.305205	-3.27649	0.710847	0.839931	-1.19057	0.649071	1.23938	1.23938	0.549107	0.752791	-1.32839	0.0596847	0.369545	-2.70603	0.217574	0.544629	-1.83611	0.0144933	0.243887	-4.10027	0.483792	1.39563	1.39563	0.108476	0.440346	-2.27094	2.60485	9.05299	3.08928	1
cg26091030	ANKH	0.0961462	0.0721049	1.46707	1.46707	0.538033	0.88777	-1.12642	0.0991404	0.708111	-1.41221	0.0270921	1.648	1.648	0.28265	0.808036	-1.23757	0.234894	0.788431	-1.26834	0.479265	0.87169	-1.1472	0.26383	1.24905	1.24905	0.435563	0.85909	-1.16402	2.60483	1.50385	0.513184	1
cg07541744	IRX6	0.0961476	0.0504698	15.0533	15.0533	0.272666	4.00981	4.00981	0.905496	0.865485	-1.15542	0.243634	4.41018	4.41018	0.135179	7.09139	7.09139	0.0905723	9.66151	9.66151	0.0133001	41.7223	41.7223	0.0531909	14.4679	14.4679	0.0499916	15.1619	15.1619	2.60482	61.038	20.8291	1
cg12774432	SSBP1;FLJ40852	0.0961487	0.796585	1.03584	1.03584	0.0388705	0.72181	-1.38541	0.659994	0.941437	-1.06221	0.16427	0.816852	-1.22421	0.628073	0.935621	-1.06881	0.285056	1.16342	1.16342	0.477489	1.10346	1.10346	0.273686	1.16798	1.16798	0.0171196	1.48605	1.48605	2.60481	0.766588	0.261598	1
cg00098673	FAM96A;FAM96A	0.0961492	0.168924	1.46431	1.46431	0.4935	0.834483	-1.19835	0.00907111	2.36985	2.36985	0.689575	0.9008	-1.11012	0.928361	0.976873	-1.02367	0.0230347	2.02852	2.02852	0.157507	1.48185	1.48185	0.512002	1.18892	1.18892	0.383148	1.262	1.262	2.6048	2.7931	0.953146	1
cg07890839	SMAD3	0.0961497	0.0814298	0.390182	-2.5629	0.0749812	0.380499	-2.62812	0.748305	1.16985	1.16985	0.0608225	0.357081	-2.80048	0.094777	0.408721	-2.44666	0.270298	0.5716	-1.74948	0.0162459	0.238771	-4.18812	0.0960523	0.410401	-2.43664	0.0640222	0.362673	-2.7573	2.60479	9.79548	3.34272	1
cg10520887	UNC5C;UNC5C	0.0961513	0.975859	1.00501	1.00501	0.411356	1.14884	1.14884	0.0284799	1.5327	1.5327	0.202471	1.2489	1.2489	0.894348	0.978292	-1.02219	0.00816352	1.74927	1.74927	0.977972	1.00457	1.00457	0.332478	0.847775	-1.17956	0.516437	0.897028	-1.11479	2.60478	1.12555	0.384098	1
cg26301078	IDE;IDE	0.0961536	0.347467	1.27165	1.27165	0.420328	1.22694	1.22694	0.065405	0.598242	-1.67157	0.462263	1.2043	1.2043	0.0744341	0.61034	-1.63843	0.15178	1.46442	1.46442	0.284006	0.758443	-1.31849	0.0385951	1.81334	1.81334	0.718458	0.91399	-1.0941	2.60475	2.54574	0.868753	1
cg00822591	DPH3;OXNAD1;DPH3;DPH3;DPH3	0.096154	0.520883	0.870416	-1.14888	0.232536	1.30605	1.30605	0.0882585	1.49355	1.49355	0.0954676	1.47791	1.47791	0.0828365	1.50626	1.50626	0.357886	0.817384	-1.22342	0.173708	0.734412	-1.36163	0.789515	0.944537	-1.05872	0.0328068	1.70326	1.70326	2.60474	1.87643	0.640346	1
cg10316899	MACF1	0.0961559	0.307228	0.524413	-1.90689	0.359532	1.77766	1.77766	0.371972	0.571345	-1.75026	0.45598	1.58988	1.58988	0.592824	1.39045	1.39045	0.133176	2.68937	2.68937	0.0938318	0.324607	-3.08065	0.00969567	7.3768	7.3768	0.716489	1.24947	1.24947	2.60472	15.384	5.24997	1
cg07589355	RBMS2	0.0961595	0.641355	0.838993	-1.19191	0.617771	0.828393	-1.20716	0.0528855	2.27818	2.27818	0.0221223	0.358162	-2.79203	0.473	1.31408	1.31408	0.0268149	0.374721	-2.66865	0.987873	1.0057	1.0057	0.475774	0.762335	-1.31176	0.662292	0.848351	-1.17876	2.60468	5.77709	1.97153	1
cg27608563	CMIP	0.0961597	0.106537	0.248701	-4.02089	0.831982	0.845561	-1.18265	0.501359	0.583429	-1.714	0.782932	1.24366	1.24366	0.00745111	0.0658157	-15.1939	0.0567772	0.182237	-5.48735	0.055401	0.180057	-5.5538	0.91177	1.09146	1.09146	0.156201	0.301878	-3.3126	2.60468	25.7187	8.77691	1
cg27122431	CDH18;CDH18	0.0961601	0.267143	0.540368	-1.85059	0.28707	0.555136	-1.80136	0.873934	1.08822	1.08822	0.949123	1.03456	1.03456	0.0191116	0.220912	-4.52669	0.161835	0.451434	-2.21516	0.00832107	0.166001	-6.02405	0.213048	0.497479	-2.01014	0.116877	0.403741	-2.47684	2.60467	11.6938	3.9907	1
cg14319135	ZNF735	0.0961609	0.046916	0.096042	-10.4121	0.0471348	0.0963283	-10.3812	0.0871172	0.142859	-6.99993	0.268078	0.304743	-3.28145	0.022309	0.0595605	-16.7897	0.108085	0.164329	-6.08534	0.0592036	0.111453	-8.97237	0.138706	0.193638	-5.16429	0.0493797	0.0992377	-10.0768	2.60466	43.7695	14.9371	1
cg04557963	SHROOM2	0.0961649	0.349521	0.749976	-1.33338	0.700383	1.12245	1.12245	0.974898	1.00944	1.00944	0.457596	1.25357	1.25357	0.00329449	0.302347	-3.30745	0.187648	1.51766	1.51766	0.782455	1.08621	1.08621	0.856794	1.05545	1.05545	0.65454	1.14403	1.14403	2.60462	3.68202	1.25658	1
cg14603973	MARK4	0.0961655	0.0190751	0.506442	-1.97456	0.907153	1.02837	1.02837	0.214557	0.731026	-1.36794	0.126498	0.672758	-1.48642	0.00681959	0.431517	-2.31741	0.215776	0.731697	-1.36669	0.159528	0.69737	-1.43396	0.343857	0.791512	-1.26341	0.523587	0.856416	-1.16766	2.60461	2.37183	0.809446	1
cg13640071	TCEAL7	0.0961663	0.176776	0.307169	-3.25553	0.0107642	0.0717865	-13.9302	0.457132	0.536595	-1.8636	0.106334	4.26201	4.26201	0.258814	0.379647	-2.63402	0.182584	0.312611	-3.19887	0.32301	0.432063	-2.31448	0.68223	0.712902	-1.40272	0.24117	2.74187	2.74187	2.6046	27.8775	9.51392	1
cg22174408	C6orf173	0.0961664	0.295299	1.63214	1.63214	0.431643	1.43531	1.43531	0.196507	1.85573	1.85573	0.0253032	0.293166	-3.41103	0.0250252	0.292189	-3.42244	0.938235	0.965811	-1.0354	0.857103	0.922269	-1.08428	?	?	?	0.540673	0.756893	-1.32119	2.80196	7.78049	2.4297	1
cg17286491	CEP350	0.0961666	0.0522635	0.651439	-1.53506	0.224865	1.2808	1.2808	0.0678142	1.48755	1.48755	0.170601	1.32749	1.32749	0.483822	1.14814	1.14814	0.207839	0.772732	-1.29411	0.199654	0.768699	-1.3009	0.4775	1.15052	1.15052	0.117725	1.39072	1.39072	2.6046	1.55471	0.530587	1
cg20621635	FGF4	0.0961678	0.242868	0.490373	-2.03926	0.264222	0.507357	-1.971	0.0248755	0.210807	-4.74368	0.0713399	0.309024	-3.236	0.0604926	0.291065	-3.43565	0.0802672	0.32258	-3.1	0.0197958	0.193849	-5.15866	0.856087	1.11166	1.11166	0.94631	1.04005	1.04005	2.60458	14.0242	4.78617	1
cg24654547	DUS2L;DDX28;DDX28	0.0961728	0.657915	0.930924	-1.0742	0.637764	0.926655	-1.07915	0.0959668	1.34133	1.34133	0.874693	0.97497	-1.02567	0.951277	1.00986	1.00986	0.0387403	0.680825	-1.46881	0.0203057	0.638024	-1.56734	0.385455	0.866828	-1.15363	0.145762	1.28513	1.28513	2.60453	1.0642	0.363197	1
cg03331035	MIR30B	0.0961742	0.34176	0.759745	-1.31623	0.676756	1.1248	1.1248	0.168277	1.50959	1.50959	0.65377	1.13501	1.13501	0.137649	0.638613	-1.56589	0.341648	1.31632	1.31632	0.686913	0.892568	-1.12036	0.623382	1.14893	1.14893	0.00609568	0.366314	-2.7299	2.60451	3.2455	1.10765	1
cg00476037	TGFA;TGFA	0.0961747	0.93891	1.00846	1.00846	0.259085	1.13818	1.13818	0.131516	1.19599	1.19599	0.695249	0.957643	-1.04423	0.0105073	1.42471	1.42471	0.535068	0.933274	-1.0715	0.0470188	0.778879	-1.2839	0.910803	0.987756	-1.0124	0.625087	1.05563	1.05563	2.6045	0.498498	0.170132	1
cg24668570	KNDC1	0.0961767	0.118418	0.668205	-1.49655	0.854612	1.04459	1.04459	0.127117	1.48052	1.48052	0.556743	1.15184	1.15184	0.652688	0.897862	-1.11376	0.822926	0.94809	-1.05475	0.00920969	2.19521	2.19521	0.209682	1.36949	1.36949	0.100508	1.53402	1.53402	2.60448	2.33317	0.796292	1
cg05336292	DIP2C	0.0961771	0.365861	0.693805	-1.44133	0.075196	2.18053	2.18053	0.743266	0.878689	-1.13806	0.987474	0.993842	-1.0062	0.0620553	0.437511	-2.28566	0.0256186	0.352276	-2.83868	0.0560171	0.426693	-2.34361	0.924249	1.03813	1.03813	0.192484	0.581133	-1.72078	2.60448	6.38653	2.17968	1
cg05996671	MYLK;MYLK;MYLK;MYLK	0.0961773	0.0964834	2.00495	2.00495	0.0118767	3.31031	3.31031	0.192977	1.69072	1.69072	0.957164	0.979734	-1.02069	0.325261	0.678962	-1.47284	0.614099	1.21386	1.21386	0.29782	0.662727	-1.50892	0.11814	1.90929	1.90929	0.107433	1.95372	1.95372	2.60447	5.99336	2.04549	1
cg20015921	ZFYVE19;ZFYVE19;DNAJC17	0.0961783	0.768367	1.02744	1.02744	0.0703144	1.20372	1.20372	0.206812	1.12978	1.12978	0.16877	0.87425	-1.14384	0.147288	1.15318	1.15318	0.869096	0.984997	-1.01523	0.0149991	0.760288	-1.31529	0.559648	1.05555	1.05555	0.746855	1.03013	1.03013	2.60446	0.346483	0.118253	1
cg03631837	SKI	0.0961787	0.971352	1.01512	1.01512	0.0812182	2.24332	2.24332	0.434438	1.39563	1.39563	0.355938	1.48718	1.48718	0.238012	0.596537	-1.67634	0.427671	1.40282	1.40282	0.012068	0.270286	-3.69978	0.125902	1.99806	1.99806	0.821923	1.09881	1.09881	2.60446	7.20621	2.45944	1
cg12027254	TNRC6C;TNRC6C	0.0961793	0.24948	1.52774	1.52774	0.899919	1.0453	1.0453	0.0605125	2.10692	2.10692	0.128668	1.78282	1.78282	0.625477	1.18911	1.18911	0.829263	1.07901	1.07901	0.571178	0.817498	-1.22324	0.00513322	3.67518	3.67518	0.451435	0.763271	-1.31015	2.60445	5.11379	1.74531	1
cg08763433	TMEM79;SMG5	0.0961829	0.403878	1.14503	1.14503	0.213298	1.23097	1.23097	0.0236348	1.53486	1.53486	0.943854	1.01123	1.01123	0.0315008	1.49172	1.49172	0.286716	0.839116	-1.19173	0.995379	0.999082	-1.00092	0.29385	1.18844	1.18844	0.0264628	1.5177	1.5177	2.60441	1.03696	0.353916	1
cg04187185	CCL28	0.0961831	0.0476028	15.914	15.914	0.29352	3.78442	3.78442	0.305193	3.65777	3.65777	0.238356	4.51975	4.51975	0.226847	4.71039	4.71039	0.675604	1.67204	1.67204	0.035535	0.0503323	-19.868	0.12906	7.41374	7.41374	0.0588498	13.5489	13.5489	2.60441	61.5359	21.0023	1
cg06449084	DLGAP2	0.0961879	0.0578198	0.359419	-2.78227	0.0395911	0.321266	-3.11268	0.575044	1.31028	1.31028	0.715064	1.19115	1.19115	0.0155246	0.242655	-4.12108	0.421172	1.48001	1.48001	0.675052	1.22281	1.22281	0.816548	1.11725	1.11725	0.224665	0.544176	-1.83764	2.60435	9.38839	3.20434	1
cg25764256	RNFT2;RNFT2;C12orf49	0.0961881	0.00625904	0.647574	-1.54422	0.312763	0.880421	-1.13582	0.572426	1.07205	1.07205	0.0953688	0.799731	-1.25042	0.179839	0.840509	-1.18975	0.0700465	0.781104	-1.28024	0.682762	0.951115	-1.0514	0.312408	0.880333	-1.13593	0.46554	1.09481	1.09481	2.60435	0.613633	0.209439	1
cg20618448	ALDH16A1;ALDH16A1	0.0961903	0.245925	2.16319	2.16319	0.103384	0.322188	-3.10378	0.320181	1.92154	1.92154	0.200324	2.36346	2.36346	0.978907	1.01695	1.01695	0.350179	1.84308	1.84308	0.0211364	5.82884	5.82884	0.0479808	4.20972	4.20972	0.0756195	3.51654	3.51654	2.60432	16.6752	5.69147	1
cg03048162	CADPS2;CADPS2;CADPS2	0.0961905	0.408699	1.19269	1.19269	0.198932	0.753473	-1.32719	0.565645	0.885947	-1.12874	0.080668	0.667656	-1.49778	0.6251	0.902405	-1.10815	0.370403	1.21144	1.21144	0.0494337	1.59608	1.59608	0.051608	0.630037	-1.58721	0.101904	0.688419	-1.4526	2.60432	1.79358	0.612172	1
cg08400563	CLK1;CLK1;CLK1;CLK1	0.0961911	0.0285379	0.734538	-1.3614	0.0151233	1.42816	1.42816	0.303247	1.13578	1.13578	0.709603	1.04567	1.04567	0.375889	1.1146	1.1146	0.712891	1.04512	1.04512	0.353418	0.892259	-1.12075	0.766474	1.0362	1.0362	0.204475	1.17336	1.17336	2.60431	0.587965	0.200681	1
cg17659271	SLC29A4;SLC29A4	0.0961923	0.219272	0.886156	-1.12847	0.816344	0.97847	-1.022	0.371652	1.0896	1.0896	0.632573	1.04609	1.04609	0.0596843	0.819706	-1.21995	0.030488	0.788297	-1.26856	0.0339733	1.26057	1.26057	0.850009	1.01787	1.01787	0.610161	0.953034	-1.04928	2.6043	0.360999	0.123215	1
cg22804502	CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;RIOK1	0.0961936	0.270372	0.875254	-1.14253	0.669659	1.05109	1.05109	0.375433	1.11139	1.11139	0.883042	1.01724	1.01724	0.0273571	1.35401	1.35401	0.060876	1.278	1.278	0.033278	0.74911	-1.33492	0.640923	0.946925	-1.05605	0.940686	0.991398	-1.00868	2.60428	0.555962	0.18976	1
cg21213593	ZNF608	0.0961937	0.381379	1.67535	1.67535	0.0116381	6.12566	6.12566	0.0153619	5.52825	5.52825	0.966852	1.02417	1.02417	0.45441	1.54955	1.54955	0.843644	0.892706	-1.12019	0.654638	1.29535	1.29535	0.0367536	4.03297	4.03297	0.562168	1.4005	1.4005	2.60428	13.6252	4.65052	1
cg24599709	SELI	0.096197	0.0278223	0.226255	-4.4198	0.675818	0.786318	-1.27175	0.162653	0.426574	-2.34426	0.574528	0.723088	-1.38296	0.57302	0.722145	-1.38476	0.54483	0.704471	-1.4195	0.0104655	0.158503	-6.30901	0.75948	1.19188	1.19188	0.0266803	0.222888	-4.48656	2.60425	13.476	4.59967	1
cg20796556	RIOK3	0.0962032	0.0525368	0.261616	-3.8224	0.11893	0.357192	-2.79962	0.0348424	0.224003	-4.46423	0.517298	1.49084	1.49084	0.0212923	0.185696	-5.38516	0.322299	0.536909	-1.86251	0.0414774	0.239271	-4.17937	0.551834	0.693385	-1.4422	0.291733	0.514039	-1.94538	2.60417	15.2611	5.20912	1
cg23109129	HHIP	0.0962072	0.837454	0.936404	-1.06791	0.381026	0.750205	-1.33297	0.00574099	3.1841	3.1841	?	?	?	0.831669	0.934178	-1.07046	0.0925576	1.80778	1.80778	0.893511	1.04377	1.04377	0.613172	0.849534	-1.17712	0.228267	1.49856	1.49856	2.63336	3.79316	1.44043	1
cg09782026	LOC154822	0.0962087	0.0524204	0.306512	-3.26251	0.0111379	0.18161	-5.5063	0.0689196	0.335787	-2.97808	0.325302	0.580125	-1.72377	0.046958	0.295488	-3.38423	0.29294	0.557154	-1.79484	0.0705556	0.33843	-2.95482	0.0776031	0.349384	-2.86218	0.434616	0.65221	-1.53325	2.60411	11.8538	4.04617	1
cg05398940	ANKRD11	0.096211	0.0657885	0.612516	-1.63261	0.137169	0.68377	-1.46248	0.0260093	1.87256	1.87256	0.477731	0.842496	-1.18695	0.288257	0.769692	-1.29922	0.0949451	1.54604	1.54604	0.48915	1.18155	1.18155	0.710484	1.09257	1.09257	0.596853	0.880963	-1.13512	2.60408	2.32501	0.793627	1
cg03742724	PARK2;PARK2;PARK2	0.0962127	0.117483	0.425223	-2.35171	0.558301	0.742492	-1.34682	0.178066	0.486872	-2.05393	0.210228	0.514743	-1.94272	0.0209694	0.247349	-4.04288	0.182674	0.491024	-2.03656	0.0280845	0.271257	-3.68653	0.0144874	0.219775	-4.55011	0.198773	0.505099	-1.97981	2.60406	10.4331	3.5613	1
cg12019494	ANKS1B	0.0962131	0.205614	0.550918	-1.81515	0.838159	0.912734	-1.09561	0.913135	0.952449	-1.04993	0.818678	0.902559	-1.10796	0.0282722	0.314648	-3.17815	0.511259	0.742697	-1.34644	0.00966182	0.231762	-4.31478	0.023785	0.299796	-3.3356	0.418446	0.691328	-1.44649	2.60406	8.22122	2.80629	1
cg10095247	ANKIB1	0.096214	0.30647	0.800452	-1.24929	0.47266	0.85765	-1.16598	0.665052	0.912494	-1.0959	0.308635	0.801304	-1.24797	0.00374549	0.439202	-2.27686	0.323657	0.807111	-1.23899	0.15669	0.727266	-1.37501	0.476362	1.16443	1.16443	0.0582277	0.637645	-1.56827	2.60405	1.82267	0.622165	1
cg02635407	SH3TC1	0.096215	0.584278	0.902873	-1.10758	0.112994	0.72689	-1.37572	0.0818253	0.70006	-1.42845	0.0623038	0.678395	-1.47407	0.601123	0.907066	-1.10246	0.0579386	1.48643	1.48643	0.150348	1.32989	1.32989	0.741396	1.06315	1.06315	0.177342	0.767114	-1.30359	2.60404	1.41024	0.481386	1
cg12838303	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPR	0.096216	0.739903	1.05869	1.05869	0.00832483	0.561417	-1.78121	0.920184	1.0173	1.0173	0.0755414	1.40304	1.40304	0.167459	0.777344	-1.28643	0.834187	0.964755	-1.03653	0.731805	0.942812	-1.06066	0.167798	1.28614	1.28614	0.746035	0.945893	-1.0572	2.60403	1.20842	0.412495	1
cg14544216	SLC39A2	0.0962231	0.594213	0.846247	-1.18169	0.16307	0.629874	-1.58762	0.779464	1.09107	1.09107	0.643476	1.1557	1.1557	0.00809849	0.348985	-2.86545	0.0229626	0.429744	-2.32696	0.819609	0.931538	-1.07349	0.497298	1.23856	1.23856	0.302026	0.717511	-1.39371	2.60394	3.97526	1.35701	1
cg16232698	SDR16C5	0.0962254	0.998895	1.00039	1.00039	0.0105051	2.44663	2.44663	0.611784	1.15282	1.15282	0.707738	1.11031	1.11031	0.296411	1.35097	1.35097	0.186142	1.4762	1.4762	0.0112444	2.41677	2.41677	0.0840935	1.70073	1.70073	0.273843	1.37217	1.37217	2.60392	3.18397	1.0869	1
cg23583739	KDELR3;KDELR3	0.0962281	0.00905563	0.27813	-3.59544	0.300995	0.661377	-1.512	0.481626	0.758868	-1.31775	0.225048	0.611662	-1.63489	0.0164878	0.322947	-3.09648	0.75016	1.13116	1.13116	0.106958	0.507177	-1.9717	0.12239	0.524224	-1.90758	0.559307	0.796303	-1.2558	2.60389	6.13741	2.09513	1
cg13094252	C8orf56;BAALC;BAALC	0.0962305	0.108619	0.544702	-1.83587	0.0444855	0.448848	-2.22793	0.800503	0.915853	-1.09188	0.302918	0.690427	-1.44838	0.178078	0.608501	-1.64338	0.491256	0.784511	-1.27468	0.0225046	0.387237	-2.5824	0.00951486	0.319739	-3.12755	0.235313	0.649352	-1.54	2.60386	4.96963	1.6965	1
cg17233506	HOXB1	0.0962309	0.415687	1.92743	1.92743	0.0304417	7.43612	7.43612	0.0364017	6.81056	6.81056	0.24405	2.61517	2.61517	0.125585	3.6969	3.6969	0.162971	3.23699	3.23699	0.0355498	6.89018	6.89018	0.135619	3.55588	3.55588	0.0204098	9.06327	9.06327	2.60385	25.6568	8.75859	1
cg18309565	LOC152217;NCBP2;NCBP2	0.0962314	0.469185	1.12937	1.12937	0.602406	1.09071	1.09071	0.917892	1.01718	1.01718	0.30353	0.838573	-1.1925	0.698005	0.937616	-1.06653	0.289644	1.1991	1.1991	0.00532225	0.545181	-1.83425	0.745312	1.05532	1.05532	0.115899	1.32619	1.32619	2.60385	1.1255	0.384217	1
cg10685982	AGBL3	0.0962327	0.906259	0.956075	-1.04594	0.457769	0.749526	-1.33418	0.143898	0.54953	-1.81974	0.545601	0.791978	-1.26266	0.0104145	0.292308	-3.42105	0.0774736	0.47316	-2.11345	0.684725	0.85586	-1.16841	0.874192	0.94137	-1.06228	0.0118296	0.301675	-3.31483	2.60383	5.99569	2.04679	1
cg22850066	RPP21	0.0962344	0.386869	1.31838	1.31838	0.336919	1.36141	1.36141	0.918732	1.03231	1.03231	0.0196138	2.40769	2.40769	0.0460408	2.03898	2.03898	0.0189634	2.42376	2.42376	0.413451	0.770633	-1.29764	0.562756	0.833316	-1.20002	0.612211	1.17269	1.17269	2.60381	4.00455	1.36707	1
cg18110419	FLJ45445	0.0962348	0.116595	0.64777	-1.54376	0.107865	0.639669	-1.56331	0.155286	0.678901	-1.47297	0.561833	0.861245	-1.16111	0.0235682	0.502281	-1.99092	0.162652	0.684147	-1.46167	0.079099	0.608661	-1.64295	0.140228	0.667571	-1.49797	0.0101345	0.437798	-2.28416	2.60381	2.67453	0.913033	1
cg18145759	SH3RF3	0.0962361	0.444673	0.491551	-2.03437	0.00399822	0.0294247	-33.985	0.0539108	0.136079	-7.34868	0.772467	0.767781	-1.30245	0.437476	0.485821	-2.05837	?	?	?	0.849586	0.841101	-1.18892	0.140219	0.235431	-4.24753	0.719903	0.720221	-1.38846	2.63302	30.7934	11.6951	1
cg21695830	RBMXL1;RBMXL1;CCBL2;CCBL2	0.0962361	0.0703726	0.157692	-6.34147	0.024101	0.0857318	-11.6643	0.335213	0.403503	-2.4783	0.24918	0.332886	-3.00403	0.0508632	0.131142	-7.62535	0.0681362	0.15482	-6.4591	0.0565641	0.139287	-7.17944	0.0268809	0.0912616	-10.9575	0.14393	0.2384	-4.19462	2.60379	34.3941	11.7416	1
cg11218049	NBPF14	0.0962391	0.126475	1.16922	1.16922	0.711452	0.965472	-1.03576	0.0428146	0.802129	-1.24668	0.761402	0.97161	-1.02922	0.251197	0.892813	-1.12006	0.630824	0.95524	-1.04686	0.0181025	1.31189	1.31189	0.686649	0.962373	-1.0391	0.239248	0.889981	-1.12362	2.60376	0.368825	0.125912	1
cg04665732	LOH12CR1;LOH12CR2	0.0962393	0.430999	1.13865	1.13865	0.678483	1.06966	1.06966	0.0551523	0.703828	-1.4208	0.472066	1.12543	1.12543	0.156053	1.27781	1.27781	0.0509574	1.43212	1.43212	0.0410036	0.683205	-1.46369	0.516863	1.11201	1.11201	0.351288	1.16762	1.16762	2.60376	1.07615	0.367385	1
cg07339229	DGKI	0.09624	0.894679	0.975435	-1.02518	0.971061	0.993211	-1.00684	0.270769	0.806289	-1.24025	0.0221906	0.597585	-1.6734	0.0216084	0.595709	-1.67867	0.321753	0.825124	-1.21194	0.137927	1.34983	1.34983	0.323732	1.21093	1.21093	0.386602	0.846488	-1.18135	2.60375	1.45412	0.496419	1
cg16745104	MIR941-1;MIR941-3;MIR941-2;MIR941-2;MIR941-1;MIR941-3;DNAJC5;MIR941-3;MIR941-3;MIR941-2	0.0962407	0.920708	0.957526	-1.04436	0.627995	1.2372	1.2372	0.35053	1.52023	1.52023	0.883355	0.938008	-1.06609	0.00579205	0.206859	-4.8342	0.321275	0.639742	-1.56313	0.0351159	0.343006	-2.9154	0.683318	1.19577	1.19577	0.548289	0.767358	-1.30317	2.60374	7.83593	2.6751	1
cg17594131	C1QL1	0.0962415	0.0798789	0.261817	-3.81945	0.0258118	0.161196	-6.20364	0.0164266	0.1324	-7.55285	0.13839	0.332851	-3.00435	0.0439329	0.202588	-4.93612	0.583462	0.6826	-1.46499	0.0676096	0.243687	-4.10362	0.267317	0.450749	-2.21853	0.180366	0.374963	-2.66693	2.60373	19.6076	6.69386	1
cg10206052	CPSF3L	0.096242	0.059416	2.27989	2.27989	0.28227	1.54148	1.54148	0.204006	1.68067	1.68067	0.0660845	2.22221	2.22221	0.397756	1.39842	1.39842	0.609586	1.22076	1.22076	0.0194147	2.98786	2.98786	0.0156846	3.14892	3.14892	0.0674507	2.21127	2.21127	2.60373	6.18556	2.1117	1
cg13946520	CD8A;CD8A;CD8A;CD8A	0.0962431	0.112309	0.567375	-1.7625	0.624129	0.850532	-1.17573	0.693428	1.13869	1.13869	0.0628076	0.503473	-1.9862	0.21378	0.651081	-1.53591	0.368119	0.738569	-1.35397	0.004132	0.283471	-3.5277	0.754712	1.1082	1.1082	0.380244	0.744494	-1.34319	2.60371	4.43126	1.5128	1
cg20611334	KIAA1522	0.0962435	0.244836	0.612052	-1.63385	0.445087	1.36908	1.36908	0.245041	0.612194	-1.63347	0.683537	0.847562	-1.17986	0.00934679	0.264417	-3.7819	0.530684	0.773915	-1.29213	0.0138111	0.292867	-3.41452	0.878863	0.940309	-1.06348	0.228098	0.600185	-1.66615	2.60371	6.71533	2.29257	1
cg18042072	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;MIR569	0.0962456	0.807553	0.974065	-1.02663	0.589993	0.943107	-1.06032	0.526603	1.07153	1.07153	0.131307	1.19174	1.19174	0.967104	0.995569	-1.00445	0.423996	1.0919	1.0919	0.141411	1.18564	1.18564	0.130295	0.838659	-1.19238	0.00991432	0.704134	-1.42018	2.60368	0.478106	0.163224	1
cg11622162	RNF213;RNF213	0.0962462	0.0867226	0.543817	-1.83885	0.697331	0.881759	-1.1341	0.132323	0.592787	-1.68695	0.121067	0.582026	-1.71814	0.998069	0.999221	-1.00078	0.0336205	0.449766	-2.22338	0.0857211	1.84317	1.84317	0.541701	0.819638	-1.22005	0.0500337	0.487008	-2.05335	2.60368	4.27459	1.45933	1
cg11319719	RPL18AP3;RPL18A	0.0962467	0.382015	0.525117	-1.90434	0.0675956	0.224969	-4.44506	0.67752	0.741149	-1.34926	0.13644	0.312974	-3.19516	0.188395	0.365536	-2.73571	0.0041444	0.0558115	-17.9174	?	?	?	0.334472	0.488818	-2.04575	0.290485	0.454026	-2.20252	2.80088	19.7716	6.17668	1
cg16849860	ABCA13	0.0962477	0.591354	0.903378	-1.10696	0.00483471	0.496203	-2.01531	0.0932672	0.7074	-1.41363	0.0641004	0.676979	-1.47715	0.390163	1.17951	1.17951	0.3458	0.833567	-1.19966	0.841771	1.03819	1.03819	0.908187	0.978602	-1.02187	0.691278	0.927892	-1.07771	2.60366	1.44959	0.49489	1
cg13230424	SP6	0.0962504	0.393533	0.629591	-1.58833	0.528023	0.71287	-1.40278	0.0824257	0.361158	-2.76887	0.237857	0.51967	-1.9243	0.0375237	0.278702	-3.58807	0.0188963	0.221974	-4.50503	0.274418	0.547699	-1.82582	0.202066	2.04024	2.04024	0.397884	1.58129	1.58129	2.60363	11.5564	3.9454	1
cg02974898	EPHB2;EPHB2	0.0962514	0.178826	0.399631	-2.50231	0.00532496	0.0946091	-10.5698	0.040743	0.219364	-4.55863	0.952224	0.962252	-1.03923	0.22608	0.44205	-2.26219	0.265403	0.474566	-2.10719	0.196417	0.415943	-2.40417	0.113411	0.330781	-3.02315	0.827687	1.15027	1.15027	2.60362	17.0066	5.80615	1
cg12051364	ADARB2	0.0962523	0.0826804	2.36461	2.36461	0.857793	0.922824	-1.08363	0.873586	0.931182	-1.0739	0.0419158	2.85736	2.85736	0.0113724	4.13233	4.13233	0.268192	1.67607	1.67607	0.596242	0.78707	-1.27054	0.0722011	2.456	2.456	0.911169	0.951253	-1.05124	2.60361	8.26865	2.82297	1
cg25642069	TOP1MT	0.0962528	0.0585311	0.331815	-3.01373	0.012146	0.199188	-5.02038	0.186927	0.485743	-2.0587	0.947726	1.03442	1.03442	0.0347658	0.280763	-3.56172	0.0543073	0.32394	-3.087	0.152962	0.453832	-2.20346	0.706344	0.822525	-1.21577	0.186034	0.484948	-2.06208	2.6036	10.9866	3.75091	1
cg27109568	VCAN;VCAN;VCAN;VCAN	0.0962529	0.66771	1.15554	1.15554	0.095398	0.541577	-1.84646	0.17043	0.613427	-1.63019	0.0742479	1.94614	1.94614	0.0186663	0.385055	-2.59703	0.122942	0.571526	-1.7497	0.589272	1.20017	1.20017	0.836012	0.932968	-1.07185	0.711411	1.13246	1.13246	2.6036	4.62061	1.57751	1
cg19945937	MIR665	0.0962536	0.0347871	0.703275	-1.42192	0.0134524	1.54926	1.54926	0.54785	1.0909	1.0909	0.990246	0.998253	-1.00175	0.572914	0.921734	-1.08491	0.186017	1.22213	1.22213	0.169706	1.23276	1.23276	0.703636	0.946788	-1.0562	0.95793	1.00758	1.00758	2.60359	0.843968	0.288138	1
cg15442907	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0962546	0.243375	0.24679	-4.05203	0.568582	1.93581	1.93581	0.0353358	0.0602543	-16.5963	0.562754	0.511338	-1.95565	0.24571	0.248657	-4.0216	0.3935	2.72344	2.72344	0.0471096	13.5221	13.5221	0.0912249	8.43372	8.43372	0.372327	2.85729	2.85729	2.60358	54.1783	18.497	1
cg13094267	ADPGK;ADPGK;ADPGK	0.0962549	0.0798775	1.65489	1.65489	0.01814	2.10365	2.10365	0.270249	1.34655	1.34655	0.35225	0.780267	-1.28161	0.0371168	0.534035	-1.87254	0.897568	1.03395	1.03395	0.683787	1.11198	1.11198	0.586703	1.15289	1.15289	0.937478	1.02054	1.02054	2.60358	2.77025	0.945793	1
cg04326741	MAD1L1;MAD1L1;MAD1L1	0.0962581	0.818444	0.931091	-1.07401	0.80864	1.07825	1.07825	0.966984	0.987229	-1.01294	0.240384	0.682702	-1.46477	0.800623	1.08175	1.08175	0.200354	0.657023	-1.52202	0.00260308	0.273824	-3.65198	0.926045	0.971582	-1.02925	0.13015	0.601912	-1.66137	2.60354	3.97608	1.3575	1
cg00554437	ZFYVE28	0.0962598	0.0537381	0.338771	-2.95185	0.476051	1.43066	1.43066	0.198137	1.95845	1.95845	0.294981	1.71043	1.71043	0.233548	1.85379	1.85379	0.606141	1.29308	1.29308	0.212284	1.91414	1.91414	0.206313	0.51749	-1.9324	0.0339474	0.294204	-3.399	2.60352	10.0705	3.43825	1
cg04346272	NME1;NME1-NME2;NME1	0.0962605	0.776782	0.967412	-1.03369	0.558625	0.933381	-1.07137	0.0345346	1.33284	1.33284	0.410259	0.906513	-1.10313	0.0712254	1.26474	1.26474	0.599248	1.06375	1.06375	0.124241	0.823648	-1.21411	0.113324	0.81804	-1.22243	0.131969	1.20865	1.20865	2.60351	0.560179	0.191256	1
cg19302250	PDDC1	0.0962616	0.403866	1.29889	1.29889	0.255061	0.695028	-1.43879	0.981714	1.00704	1.00704	0.529196	1.21551	1.21551	0.00831678	0.356036	-2.80871	0.249655	0.691879	-1.44534	0.0693504	0.536862	-1.86268	0.219216	0.67329	-1.48524	0.0848473	0.557978	-1.79218	2.6035	3.86494	1.31957	1
cg06649282	C16orf57	0.0962632	0.66372	1.1505	1.1505	0.41704	1.30447	1.30447	0.614377	1.17681	1.17681	0.946879	0.978873	-1.02158	0.130695	0.592713	-1.68716	0.152621	1.63389	1.63389	0.00770559	0.333807	-2.99575	0.344399	1.36631	1.36631	0.334822	1.37541	1.37541	2.60348	4.23477	1.44585	1
cg21556039	C21orf58	0.0962646	0.469877	0.905747	-1.10406	0.358791	0.880685	-1.13548	0.905707	1.01608	1.01608	0.0985554	0.783551	-1.27624	0.143047	1.23606	1.23606	0.127919	0.801225	-1.24809	0.0275694	1.42026	1.42026	0.111421	1.26297	1.26297	0.654536	1.06252	1.06252	2.60346	0.747567	0.255238	1
cg09138272	ABCC4;ABCC4	0.096265	0.929823	1.03865	1.03865	0.661063	1.20921	1.20921	0.358567	1.50154	1.50154	0.125005	2.04422	2.04422	0.221244	0.57485	-1.73958	0.524125	1.32043	1.32043	0.459954	0.723297	-1.38256	0.00439046	5.14388	5.14388	0.264087	1.65074	1.65074	2.60346	7.64434	2.60998	1
cg06852250	METTL13;METTL13;METTL13	0.0962666	0.429955	1.13289	1.13289	0.161739	1.26037	1.26037	0.287719	1.18643	1.18643	0.631865	1.07762	1.07762	0.543788	1.09984	1.09984	0.228072	1.21645	1.21645	0.0206882	0.649551	-1.53953	0.0457694	1.42568	1.42568	0.0986767	1.32371	1.32371	2.60344	0.988992	0.33767	1
cg19726253	KLRA1	0.0962667	0.439081	0.789749	-1.26623	0.111941	0.595875	-1.6782	0.00745906	0.356838	-2.80239	0.560338	1.19259	1.19259	0.0195967	0.43019	-2.32455	0.457244	0.797373	-1.25412	0.751977	1.09947	1.09947	0.66217	0.876782	-1.14053	0.603975	0.855122	-1.16942	2.60344	3.68868	1.25942	1
cg02747671	C13orf23;C13orf23;C13orf23;C13orf23;NHLRC3;NHLRC3	0.0962676	0.217966	1.48806	1.48806	0.327549	1.36339	1.36339	0.970729	1.01132	1.01132	0.0881689	0.561531	-1.78084	0.474102	0.799891	-1.25017	0.582579	0.843457	-1.1856	0.0406	0.484243	-2.06508	0.0614085	1.90855	1.90855	0.127478	1.65777	1.65777	2.60343	3.87862	1.32428	1
cg04223924	TMEM131	0.096269	0.916699	1.03513	1.03513	0.204146	1.55615	1.55615	0.0177102	2.5904	2.5904	0.0374922	2.2179	2.2179	0.203506	0.642164	-1.55723	0.303433	1.42154	1.42154	0.557007	1.21653	1.21653	0.0574526	2.0321	2.0321	0.151122	1.66139	1.66139	2.60341	4.48988	1.53299	1
cg02980670	FAM53A	0.09627	0.548105	0.820234	-1.21916	0.222892	1.51834	1.51834	0.66113	1.15469	1.15469	0.396979	1.32685	1.32685	0.286104	0.69683	-1.43507	0.00402681	0.283722	-3.52458	0.724504	0.891026	-1.1223	0.328558	0.719778	-1.38932	0.289651	0.698818	-1.43099	2.6034	4.38369	1.49674	1
cg10329334	LOC407835	0.096272	0.704883	0.923707	-1.08259	0.329599	0.810711	-1.23348	0.207555	0.757918	-1.3194	0.81326	0.951843	-1.05059	0.0748618	1.51254	1.51254	0.0218804	1.77482	1.77482	0.680487	1.0902	1.0902	0.475094	0.859431	-1.16356	0.056634	0.637614	-1.56835	2.60338	1.79358	0.612395	1
cg22071311	MCM5	0.0962729	0.24196	0.796032	-1.25623	0.441817	1.15729	1.15729	0.0263569	1.63324	1.63324	0.515684	0.884471	-1.13062	0.128634	0.736462	-1.35784	0.0373272	0.637546	-1.56851	0.203675	0.77888	-1.28389	0.482732	1.14211	1.14211	0.943031	1.0134	1.0134	2.60337	1.43047	0.488418	1
cg00977805	TMCC2	0.0962747	0.752018	1.04235	1.04235	0.469622	1.10104	1.10104	0.536086	1.08544	1.08544	0.892249	1.01789	1.01789	0.189575	0.833757	-1.19939	0.251094	0.85479	-1.16988	0.00308625	0.588664	-1.69876	0.725161	1.04727	1.04727	0.949934	0.991818	-1.00825	2.60335	0.705874	0.241014	1
cg00847309	SNORD88A;C19orf48;C19orf48;SNORD88B	0.0962752	0.205171	0.787835	-1.2693	0.110687	0.733398	-1.36352	0.217372	1.26051	1.26051	0.996983	0.999326	-1.00067	0.365491	0.847154	-1.18042	0.26729	1.22896	1.22896	0.0698384	1.43571	1.43571	0.541663	1.11652	1.11652	0.0227278	1.62651	1.62651	2.60334	1.31217	0.448028	1
cg21331417	NXN	0.0962752	0.0747922	0.579649	-1.72518	0.0734973	0.577915	-1.73036	0.0166018	0.447587	-2.2342	0.627598	0.874301	-1.14377	0.0719441	0.575803	-1.73671	0.622711	1.14599	1.14599	0.638043	0.877914	-1.13906	0.31902	1.32709	1.32709	0.421171	1.25333	1.25333	2.60334	3.11329	1.06301	1
cg22711111	TRIM15	0.0962753	0.0927323	11.077	11.077	0.0223562	35.1034	35.1034	0.352959	3.46436	3.46436	0.68851	0.59222	-1.68856	0.691742	0.59566	-1.67881	0.454649	2.69144	2.69144	0.304613	0.251054	-3.98321	0.1127	9.43741	9.43741	0.0233192	33.9134	33.9134	2.60334	69.6825	23.7925	1
cg03439805	CORO1C	0.0962759	0.894299	1.02544	1.02544	0.777902	0.94796	-1.0549	0.392985	1.17984	1.17984	0.0629336	0.673411	-1.48498	0.227834	1.27029	1.27029	0.895285	0.975419	-1.0252	0.00526092	2.00469	2.00469	0.957238	0.989917	-1.01019	0.924432	0.982229	-1.01809	2.60333	1.47273	0.502852	1
cg08663298	ABTB2	0.0962763	0.0285219	0.23429	-4.26821	0.100809	2.74344	2.74344	0.0732561	3.06996	3.06996	0.7082	0.809675	-1.23506	0.0663394	0.314625	-3.17839	0.855097	1.1081	1.1081	0.710803	1.23261	1.23261	0.785666	1.1654	1.1654	0.253488	0.51188	-1.95358	2.60333	13.0008	4.43903	1
cg09186478	ZBTB33	0.0962774	0.0805017	0.152705	-6.54856	0.891689	0.876279	-1.14119	0.912052	1.11305	1.11305	0.0974273	5.83052	5.83052	0.117385	5.20016	5.20016	0.0122004	0.0484416	-20.6434	0.745596	0.72936	-1.37107	0.749612	1.36397	1.36397	0.977951	0.973566	-1.02715	2.60331	38.7451	13.2293	1
cg15769920	MYL6B	0.0962788	0.980395	0.995836	-1.00418	0.994539	0.998839	-1.00116	0.00907041	1.75604	1.75604	0.0795821	1.39151	1.39151	0.86119	0.970719	-1.03016	0.0432944	1.48392	1.48392	0.459267	0.8799	-1.13649	0.453586	0.878419	-1.13841	0.722977	0.941355	-1.0623	2.6033	1.18872	0.405886	1
cg11270815	ZNF266;ZNF266	0.0962793	0.503261	0.90696	-1.10259	0.803828	1.03643	1.03643	0.00605598	1.67421	1.67421	0.301783	0.857445	-1.16626	0.555607	1.08948	1.08948	0.115323	0.781826	-1.27906	0.200994	0.823531	-1.21428	0.778963	1.04128	1.04128	0.747169	1.0476	1.0476	2.60329	0.852125	0.290956	1
cg19782075	BCDIN3D	0.0962796	0.0367538	0.707843	-1.41274	0.048316	0.725813	-1.37777	0.124336	1.26403	1.26403	0.259702	1.1789	1.1789	0.238085	0.841056	-1.18898	0.14448	1.24662	1.24662	0.855409	0.974947	-1.0257	0.312769	0.864187	-1.15716	0.751385	1.04522	1.04522	2.77244	0.831412	0.233244	1
cg14694205	GMPS	0.0962812	0.486152	0.628677	-1.59064	0.00804044	9.27263	9.27263	0.176918	2.56356	2.56356	0.963373	0.97033	-1.03058	0.139812	0.352738	-2.83497	0.743485	0.806238	-1.24033	0.190451	0.402775	-2.48278	0.311202	1.98815	1.98815	0.678113	0.760524	-1.31488	2.60327	17.7367	6.0562	1
cg07562120	TCF3;TCF3	0.0962814	0.199331	0.678862	-1.47305	0.194048	0.675393	-1.48062	0.0670227	0.556338	-1.79747	0.405806	0.784332	-1.27497	0.00602621	0.358855	-2.78664	0.104805	0.602704	-1.65919	0.743583	0.910506	-1.09829	0.450848	0.802971	-1.24538	0.297636	1.36124	1.36124	2.60327	3.36368	1.14853	1
cg12522722	ZW10	0.0962863	0.0353782	0.146772	-6.81329	0.0129298	0.0892217	-11.208	0.0716467	0.206939	-4.83233	0.854061	0.865703	-1.15513	0.106538	0.251513	-3.97594	0.249667	0.389743	-2.5658	0.266577	0.403897	-2.47588	0.310705	2.27393	2.27393	0.366636	0.483646	-2.06763	2.60321	25.2908	8.63576	1
cg14177418	FAM59A	0.0962874	0.171524	1.65713	1.65713	0.0222916	2.5866	2.5866	0.982279	0.992323	-1.00774	0.364633	1.38158	1.38158	0.293092	0.684931	-1.46	0.067367	0.491047	-2.03647	0.269096	0.670753	-1.49086	0.112652	1.82066	1.82066	0.904378	1.04258	1.04258	2.6032	4.96365	1.69489	1
cg27637738	EGFR;EGFR;EGFR;EGFR	0.0962874	0.0495215	0.404487	-2.47227	0.066514	0.435577	-2.29581	0.225087	0.597732	-1.67299	0.0301817	0.357175	-2.79975	0.00851732	0.257677	-3.88083	0.239305	0.607921	-1.64495	0.190145	0.570968	-1.75141	0.357094	0.682127	-1.466	0.615117	0.814847	-1.22722	2.6032	6.72562	2.29653	1
cg00988396	MORN1	0.0962889	0.102594	0.377036	-2.65226	0.135488	0.415345	-2.40764	0.786428	0.862163	-1.15987	0.418593	0.636764	-1.57044	0.00246397	0.100317	-9.96845	0.239919	0.510697	-1.95811	0.942012	1.04053	1.04053	0.733032	0.829469	-1.20559	0.67603	0.794928	-1.25798	2.60318	12.295	4.1983	1
cg09576143	HTRA1	0.0962905	0.0185883	0.0751194	-13.3121	0.507065	1.8415	1.8415	0.755549	1.3275	1.3275	0.571341	0.595157	-1.68023	?	?	?	0.841675	1.19893	1.19893	0.0177777	0.0732167	-13.6581	0.110501	0.206458	-4.84359	0.313002	0.388027	-2.57714	2.63237	30.4953	11.5847	1
cg13586420	COL11A2;COL11A2;COL11A2;COL11A2	0.0962906	0.273843	0.606721	-1.6482	0.0201664	3.42	3.42	0.497043	1.35335	1.35335	0.15551	1.94824	1.94824	0.998757	1.00068	1.00068	0.0120862	3.94763	3.94763	0.245385	1.70435	1.70435	0.989672	0.994336	-1.0057	0.770491	0.879529	-1.13697	2.60316	7.93923	2.71097	1
cg01849085	ZNF727	0.0962928	0.064729	0.421866	-2.37042	0.548366	0.776729	-1.28745	0.0273216	0.33746	-2.96331	0.109722	0.484142	-2.06551	0.0296064	0.344583	-2.90206	0.0236255	0.324905	-3.07782	0.231541	0.593309	-1.68546	0.0748459	0.438054	-2.28283	0.567874	0.786491	-1.27147	2.60314	7.13514	2.43642	1
cg20250396	FUT8;FUT8;FUT8;FUT8;LOC645431	0.0962944	0.89872	0.981434	-1.01892	0.998392	0.999703	-1.0003	0.121578	0.781135	-1.28019	0.327073	0.861658	-1.16055	0.882005	0.978379	-1.0221	0.438679	0.890254	-1.12328	0.0161831	0.648601	-1.54178	0.547747	1.09365	1.09365	0.0262915	1.47379	1.47379	2.60312	0.892955	0.304918	1
cg25925833	ANP32A;ANP32A	0.0962959	0.0301873	1.44355	1.44355	0.385081	1.13684	1.13684	0.695194	0.944865	-1.05835	0.606364	1.07773	1.07773	0.809667	0.965844	-1.03536	0.738183	0.952833	-1.0495	0.0153549	1.53497	1.53497	0.0269731	1.45826	1.45826	0.228832	1.19948	1.19948	2.6031	0.855186	0.292023	1
cg20069977	MYH10	0.0962962	0.468807	1.378	1.378	0.219972	1.75255	1.75255	0.35293	1.5156	1.5156	0.311626	1.57676	1.57676	0.0150922	0.272773	-3.66605	0.394399	1.46153	1.46153	0.122149	2.07266	2.07266	0.0819661	2.31273	2.31273	0.17471	1.87385	1.87385	2.6031	7.80216	2.66423	1
cg00026455	DEF8	0.0962973	0.131055	1.48418	1.48418	0.00659568	2.34976	2.34976	0.282879	1.31029	1.31029	0.202979	1.38472	1.38472	0.987831	0.996313	-1.0037	0.390751	0.808164	-1.23737	0.13202	1.48249	1.48249	0.0760366	1.61311	1.61311	0.844214	0.953467	-1.0488	2.60309	2.41837	0.825815	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16315020	AKNAD1	0.0962977	0.058548	1.71521	1.71521	0.206422	0.714299	-1.39997	0.0921816	1.59677	1.59677	0.0622375	1.69884	1.69884	0.518686	1.17961	1.17961	0.750037	1.08404	1.08404	0.403084	0.805714	-1.24114	0.863692	0.957546	-1.04434	0.0230194	1.98654	1.98654	2.60308	2.62783	0.897341	1
cg06879567	DLGAP1;FLJ35776;DLGAP1	0.0963021	0.275545	0.604279	-1.65486	0.0487261	2.71727	2.71727	0.900129	0.945772	-1.05734	0.995915	0.997729	-1.00228	0.0932354	0.440452	-2.2704	0.143771	0.497831	-2.00872	0.0149056	0.264572	-3.77969	0.412734	0.68944	-1.45045	0.416799	0.691766	-1.44558	2.60303	8.12954	2.77609	1
cg24590655	AHSG	0.096303	0.263533	1.22969	1.22969	0.0204659	0.60931	-1.6412	0.364127	0.847523	-1.17991	0.404106	0.859467	-1.16351	0.0464708	1.49863	1.49863	0.796101	1.04701	1.04701	0.197231	0.785199	-1.27356	0.339707	1.19072	1.19072	0.278304	0.818747	-1.22138	2.60302	1.29733	0.443016	1
cg16749355	MICALL2	0.0963043	0.987257	0.996217	-1.0038	0.223777	0.738369	-1.35434	0.0165087	0.499022	-2.00392	0.117659	0.668139	-1.49669	0.224815	0.738921	-1.35333	0.017077	0.501579	-1.9937	0.285141	1.30143	1.30143	0.985248	1.0044	1.0044	0.87971	0.964699	-1.03659	2.603	2.32175	0.792844	1
cg19428722	HPSE2;HPSE2;HPSE2;HPSE2	0.0963057	0.027882	14.8447	14.8447	0.0857246	7.18252	7.18252	0.0851069	7.2164	7.2164	0.286327	3.15654	3.15654	0.672692	0.643315	-1.55445	0.572809	1.8068	1.8068	0.0668342	8.44066	8.44066	0.0149509	22.3413	22.3413	0.186093	4.28588	4.28588	2.60299	44.43	15.1723	1
cg12142501	MIR596	0.0963071	0.438335	1.50167	1.50167	0.0519357	3.1187	3.1187	0.154353	2.19058	2.19058	0.66143	1.2544	1.2544	0.222743	1.93281	1.93281	0.0494346	3.16825	3.16825	0.00922841	5.47229	5.47229	0.0428346	3.31662	3.31662	0.9103	1.05968	1.05968	2.60297	10.9053	3.72404	1
cg13283635	COL9A3	0.0963072	0.12325	0.189367	-5.28075	0.200487	0.259838	-3.84855	0.547659	0.545305	-1.83384	0.129388	0.195329	-5.11956	0.0499187	0.107679	-9.28683	0.320464	0.35947	-2.78188	0.00564553	0.0267844	-37.3351	0.0539093	0.112929	-8.85516	0.209154	0.267301	-3.7411	2.60297	40.95	13.984	1
cg09406846	DNER	0.0963076	0.765032	1.0391	1.0391	0.202022	0.841662	-1.18812	0.00781827	0.64606	-1.54784	0.447194	1.10421	1.10421	0.0922247	1.26763	1.26763	0.485194	0.91324	-1.095	0.481034	1.09598	1.09598	0.817389	0.970837	-1.03004	0.205817	0.843008	-1.18623	2.60297	0.675013	0.230511	1
cg09510707	CENPT;NUTF2	0.0963096	0.230143	0.85159	-1.17427	0.270026	0.863678	-1.15784	0.641601	1.06164	1.06164	0.217347	1.18011	1.18011	0.120507	1.23972	1.23972	0.869423	1.02122	1.02122	0.0291867	0.720413	-1.38809	0.259646	0.860667	-1.16189	0.0684321	1.29733	1.29733	2.60294	0.671231	0.229221	1
cg04635504	KCNQ1;KCNQ1	0.0963097	0.508689	1.42612	1.42612	0.20672	2.02396	2.02396	0.0735569	2.87549	2.87549	0.049833	3.26888	3.26888	0.160399	2.21215	2.21215	0.02968	3.87719	3.87719	0.015273	4.84067	4.84067	0.0787009	2.81193	2.81193	0.102665	2.57397	2.57397	2.60294	11.5559	3.94626	1
cg12410014	ITM2B	0.0963114	0.392871	0.838154	-1.1931	0.798639	1.05292	1.05292	0.00396941	2.18436	2.18436	0.728218	1.0729	1.0729	0.329529	1.22504	1.22504	0.281399	1.25335	1.25335	0.208439	0.765298	-1.30668	0.88126	0.9703	-1.03061	0.486188	0.866991	-1.15341	2.60292	1.6773	0.572791	1
cg10904972	USP2;USP2	0.0963132	0.182503	3.53361	3.53361	0.543723	1.73041	1.73041	0.10676	4.81261	4.81261	0.157268	3.85549	3.85549	0.202344	0.300893	-3.32344	0.0966947	5.08881	5.08881	0.0851733	5.46398	5.46398	0.0690643	6.14141	6.14141	0.020189	12.177	12.177	2.6029	32.8187	11.2076	1
cg16711096	SLC25A3;SLC25A3;SLC25A3;SNORA53	0.0963157	0.0121441	0.162534	-6.15255	0.155106	0.412998	-2.42132	0.193844	0.449773	-2.22334	0.0932455	0.341927	-2.9246	0.130774	0.387368	-2.58152	0.102022	0.353383	-2.82979	0.0319119	0.231931	-4.31163	0.676369	0.783495	-1.27633	0.0467537	0.266261	-3.75571	2.60287	13.9258	4.75571	1
cg02952701	TET1	0.0963164	0.18968	0.252578	-3.95918	0.0536483	0.111372	-8.97892	0.195671	0.257899	-3.87748	0.313369	0.357344	-2.79843	0.191709	0.254385	-3.93105	0.00315512	0.015469	-64.6454	0.178217	0.242286	-4.12736	0.391969	0.421366	-2.37323	0.22706	0.285232	-3.50592	2.77195	41.4264	11.6238	1
cg16842485	C6orf47	0.0963171	0.373637	0.480368	-2.08174	0.987496	1.01229	1.01229	0.773794	0.798247	-1.25274	?	?	?	0.0503597	0.131425	-7.6089	0.680756	0.722878	-1.38336	?	?	?	0.0873857	5.2104	5.2104	0.0351433	9.91871	9.91871	4.076	26.5715	3.72514	1
cg13091702	CTTN;CTTN	0.0963186	0.401351	0.725527	-1.37831	0.0205299	0.352575	-2.83628	0.0259496	0.372522	-2.6844	0.831227	0.92337	-1.08299	0.0241005	0.366125	-2.73131	0.393142	0.721258	-1.38647	0.212006	0.61196	-1.63409	0.0831443	0.488415	-2.04744	0.0813008	0.485861	-2.0582	2.60284	5.75199	1.96435	1
cg04869514	JPH3	0.0963229	0.220177	0.407996	-2.451	0.716716	1.28842	1.28842	0.918566	1.07371	1.07371	0.66298	0.737158	-1.35656	0.144377	0.336069	-2.97558	0.0599012	0.228481	-4.37672	0.00755824	0.0916419	-10.912	0.0547857	0.219836	-4.54885	0.143084	0.334713	-2.98763	2.60279	19.9366	6.80862	1
cg16708281	FOXD4L1;FOXD4L1	0.096323	0.255658	1.36346	1.36346	0.00990028	2.34285	2.34285	0.0910645	1.62625	1.62625	0.164615	1.47308	1.47308	0.247423	1.37156	1.37156	0.283905	1.33756	1.33756	0.936847	0.97951	-1.02092	0.0132432	2.23021	2.23021	0.63476	1.13318	1.13318	2.60279	2.81369	0.960914	1
cg16256902	DCTD;DCTD	0.0963231	0.0316608	0.254402	-3.93078	0.129903	0.411085	-2.43258	0.172309	0.454142	-2.20195	0.115144	0.394238	-2.53654	0.0168969	0.205252	-4.87207	0.0841769	0.354098	-2.82408	0.0803151	0.348486	-2.86956	0.065922	0.325918	-3.06825	0.0811012	0.349642	-2.86007	2.60279	12.1709	4.15654	1
cg13077699	ERLIN2;ERLIN2;ERLIN2	0.0963263	0.106675	1.44914	1.44914	0.936	1.01706	1.01706	0.981224	0.995056	-1.00497	0.115128	1.43444	1.43444	0.673701	0.914671	-1.09329	0.603729	1.11659	1.11659	0.0141146	0.52838	-1.89258	0.0979409	1.4657	1.4657	0.343865	0.814365	-1.22795	2.60275	1.82825	0.624382	1
cg01131549	NUP214	0.0963267	0.35585	1.18714	1.18714	0.270515	0.812832	-1.23027	0.063011	1.45901	1.45901	0.974988	1.00568	1.00568	0.523008	1.12404	1.12404	0.0191084	0.599115	-1.66913	0.817885	1.04254	1.04254	0.310807	1.20855	1.20855	0.0698213	1.44227	1.44227	2.60274	1.34494	0.459323	1
cg06807117	PLEKHA6;PLEKHA6	0.0963288	0.83019	0.963877	-1.03748	0.507589	1.12205	1.12205	0.118951	1.3363	1.3363	0.90441	1.02079	1.02079	0.0289985	1.55418	1.55418	0.381509	0.857478	-1.16621	0.0162202	0.604293	-1.65483	0.493519	1.12651	1.12651	0.762421	1.05331	1.05331	2.60272	1.20971	0.413143	1
cg10107241	FRMD1	0.0963292	0.161084	0.656011	-1.52437	0.908779	1.03281	1.03281	0.0305951	0.488932	-2.04527	0.234172	0.703806	-1.42085	0.243078	0.708901	-1.41063	0.134449	1.57547	1.57547	0.0516221	1.86622	1.86622	0.50955	0.828257	-1.20735	0.308755	0.74327	-1.34541	2.60272	3.26986	1.11673	1
cg06309094	PQLC1;PQLC1;PQLC1	0.0963308	0.456521	1.19607	1.19607	0.0622261	0.609199	-1.6415	0.584774	0.877851	-1.13915	0.938227	1.01847	1.01847	0.970591	0.991334	-1.00874	0.702535	0.913389	-1.09482	0.00846331	2.21153	2.21153	0.12086	0.672229	-1.48759	0.631061	1.12102	1.12102	2.6027	2.29778	0.784753	1
cg03625285	IQSEC3;IQSEC3	0.0963308	0.144847	1.58443	1.58443	0.307927	1.36367	1.36367	0.984802	0.994417	-1.00561	0.108678	1.67239	1.67239	0.025825	0.459402	-2.17674	0.462388	1.24592	1.24592	0.105755	1.68089	1.68089	0.0512805	1.91992	1.91992	0.760584	1.09398	1.09398	2.6027	3.5607	1.21607	1
cg20995984	FLJ25363	0.0963317	0.372202	0.86605	-1.15467	0.429966	0.881208	-1.13481	0.70964	1.06047	1.06047	0.174846	1.25423	1.25423	0.083938	0.740674	-1.35012	0.715506	1.05914	1.05914	0.0879363	1.34395	1.34395	0.023459	1.52943	1.52943	0.225225	0.818782	-1.22133	2.60269	1.01568	0.346883	1
cg14479884	CD36;CD36;CD36;CD36;CD36	0.0963369	0.0467295	0.458014	-2.18334	0.207408	0.633879	-1.57759	0.0541084	0.472537	-2.11623	0.0876788	0.52391	-1.90873	0.0537249	0.471822	-2.11944	0.925994	0.968643	-1.03237	0.126288	1.76336	1.76336	0.511956	0.796054	-1.2562	0.119914	0.560701	-1.78348	2.60263	4.84727	1.65552	1
cg17136548	C8orf42	0.0963383	0.390414	0.737454	-1.35602	0.00511985	0.27807	-3.59621	0.0424953	0.445567	-2.24433	0.578596	0.823522	-1.2143	0.882611	1.05246	1.05246	0.921241	0.966356	-1.03482	0.212816	1.5747	1.5747	0.643385	0.851004	-1.17508	0.43671	0.759896	-1.31597	2.60261	4.93629	1.68593	1
cg05666458	CEND1	0.0963393	0.957533	1.01537	1.01537	0.0976614	1.6829	1.6829	0.714259	1.11108	1.11108	0.718858	1.10909	1.10909	0.132091	0.627804	-1.59285	0.833529	1.06214	1.06214	0.0251479	0.466354	-2.14429	0.646404	1.14146	1.14146	0.0259748	0.469071	-2.13187	2.6026	3.38169	1.15498	1
cg23451424	CACNA2D1	0.09634	0.0162285	0.730685	-1.36858	0.88938	0.985257	-1.01496	0.678445	1.0455	1.0455	0.322402	0.896646	-1.11527	0.497364	0.929104	-1.07631	0.0314379	0.763889	-1.30909	0.634903	0.950229	-1.05238	0.759907	0.967815	-1.03325	0.0605599	1.25337	1.25337	2.60259	0.469512	0.160357	1
cg14204619	BRSK2	0.0963412	0.317003	1.28183	1.28183	0.179051	1.40862	1.40862	0.134679	1.47273	1.47273	0.771805	0.932582	-1.07229	0.0913079	0.639958	-1.5626	0.759754	0.929023	-1.0764	0.00923904	2.21009	2.21009	0.227916	1.35497	1.35497	0.93064	0.979321	-1.02112	2.60258	2.37471	0.811061	1
cg19500056	SEPW1	0.0963424	0.145486	1.3575	1.3575	0.00425334	2.11297	2.11297	0.118348	1.39314	1.39314	0.0809961	1.45985	1.45985	0.755448	0.940733	-1.063	0.262554	1.25662	1.25662	0.711902	0.930033	-1.07523	0.358229	1.20291	1.20291	0.427263	1.17176	1.17176	2.60256	1.57614	0.538322	1
cg14322224	DDAH1;DDAH1	0.0963432	0.834658	0.93289	-1.07194	0.469296	1.27722	1.27722	0.00728968	3.15866	3.15866	0.413272	1.32048	1.32048	0.538106	0.812866	-1.23022	0.517695	0.80414	-1.24356	0.109901	0.56036	-1.78457	0.200653	0.638113	-1.56712	0.33803	1.38854	1.38854	2.60255	4.55316	1.55511	1
cg16935061	FOXF2	0.0963442	0.498831	0.647745	-1.54382	0.00910427	0.122967	-8.13224	0.0847141	0.29941	-3.33991	0.967211	0.974336	-1.02634	0.317489	1.92238	1.92238	0.20248	0.426955	-2.34217	0.312794	1.93551	1.93551	0.221097	2.25594	2.25594	0.79759	0.849971	-1.17651	2.60254	16.4894	5.63188	1
cg06998685	MKL2	0.0963442	0.92722	0.981994	-1.01834	0.00427695	2.1385	2.1385	0.32184	0.81583	-1.22574	0.811556	1.04865	1.04865	0.405754	0.844367	-1.18432	0.911566	0.978146	-1.02234	0.289857	1.24419	1.24419	0.941773	0.985577	-1.01463	0.091524	1.44709	1.44709	2.60254	1.6304	0.556858	1
cg12426360	MAD2L2;MAD2L2	0.0963452	0.42794	1.12439	1.12439	0.238389	0.836197	-1.19589	0.0450515	0.716664	-1.39535	0.443071	0.892894	-1.11995	0.708887	0.94712	-1.05583	0.138421	1.25996	1.25996	0.0169904	1.52448	1.52448	0.667782	1.06455	1.06455	0.462492	1.11443	1.11443	2.60253	0.864959	0.295425	1
cg01715143	ZNF804A	0.0963477	0.0218564	0.673355	-1.4851	0.0870577	0.762155	-1.31207	0.144628	0.798338	-1.2526	0.458007	0.897064	-1.11475	0.00848818	0.616974	-1.62081	0.731181	1.05082	1.05082	0.990043	1.0018	1.0018	0.964732	1.00638	1.00638	0.47657	0.901189	-1.10965	2.6025	0.851623	0.290873	1
cg00101227	MPZ	0.0963496	0.0740556	0.362157	-2.76124	0.42596	0.660494	-1.51402	0.0166333	0.22493	-4.44582	0.246778	0.539066	-1.85506	0.0262112	0.260405	-3.84016	0.0820724	0.374224	-2.6722	0.117346	0.41986	-2.38175	0.131095	0.435307	-2.29723	0.0460321	0.311447	-3.21082	2.60248	10.7292	3.66459	1
cg08160057	COMMD4	0.0963506	0.451801	0.55266	-1.80943	0.0464007	5.84082	5.84082	0.119943	3.6878	3.6878	0.381851	0.499671	-2.00131	0.411517	1.91474	1.91474	0.43447	0.539613	-1.85318	0.994173	0.994366	-1.00567	0.781456	1.24003	1.24003	0.00930187	12.8382	12.8382	2.60247	24.6652	8.42454	1
cg10039504	TSPAN9;TSPAN9	0.0963519	0.402327	0.645492	-1.54921	0.0992974	2.51626	2.51626	0.311956	1.70612	1.70612	0.52129	1.39377	1.39377	0.0261672	0.259907	-3.84754	0.556437	0.738004	-1.35501	0.0284041	0.26681	-3.74798	0.688653	1.2284	1.2284	0.360573	0.618759	-1.61614	2.60245	10.7511	3.67212	1
cg16387254	C1orf124;C1orf124;EXOC8	0.0963529	0.0293475	0.232063	-4.30917	0.200964	0.463609	-2.15699	0.849766	0.897694	-1.11397	0.358299	0.584127	-1.71196	0.163731	0.429186	-2.32999	0.34737	0.576543	-1.73447	0.00594399	0.12907	-7.74771	0.170713	0.435926	-2.29397	0.071547	0.318137	-3.1433	2.60244	13.3516	4.56037	1
cg07227926	TXNRD1	0.0963544	0.0204635	25.0398	25.0398	0.0382134	15.9554	15.9554	0.178851	5.19021	5.19021	0.634189	1.73804	1.73804	0.0669234	10.6793	10.6793	0.0656641	10.826	10.826	0.384075	2.79861	2.79861	0.026499	20.7612	20.7612	0.130856	6.56048	6.56048	2.60243	54.8029	18.7186	1
cg02073775	MAP1B	0.0963552	0.472054	0.731974	-1.36617	0.0990655	2.16257	2.16257	0.551306	1.29319	1.29319	0.491264	1.34743	1.34743	0.474431	1.36381	1.36381	0.0714677	2.35984	2.35984	0.193215	1.79912	1.79912	0.00401808	5.19968	5.19968	0.69668	1.18186	1.18186	2.60242	7.49877	2.5613	1
cg03883275	MAPK8;MAPK8;MAPK8;MAPK8	0.0963553	0.365509	0.659101	-1.51722	0.31313	0.62639	-1.59645	0.0719671	0.406331	-2.46105	0.452716	0.709644	-1.40916	0.00357686	0.170453	-5.86672	0.456193	0.711585	-1.40531	0.11505	0.463803	-2.15609	0.629343	1.24366	1.24366	0.17646	0.525024	-1.90467	2.60241	8.28592	2.83016	1
cg12913957	ITPR3	0.0963558	0.620176	0.940403	-1.06337	0.0366996	1.34787	1.34787	0.0139349	1.45293	1.45293	0.217454	1.17303	1.17303	0.828313	0.973641	-1.02707	0.815338	1.02919	1.02919	0.221854	0.853918	-1.17107	0.911689	1.01374	1.01374	0.0809778	1.26868	1.26868	2.60241	0.623499	0.212965	1
cg26337312	LMX1A	0.096358	0.683926	1.36358	1.36358	0.103075	3.86142	3.86142	0.0803793	4.34694	4.34694	0.420889	1.86449	1.86449	0.383155	0.507856	-1.96906	0.902211	0.911075	-1.0976	0.250016	0.402213	-2.48625	0.00742556	13.6336	13.6336	0.482682	1.71696	1.71696	2.60238	23.6587	8.08105	1
cg21126020	TRIM10;TRIM10	0.0963596	0.195291	0.448106	-2.23162	0.534314	0.691546	-1.44604	0.0995924	0.34724	-2.87985	0.0563588	0.281888	-3.54751	0.0532743	0.276171	-3.62094	0.212926	0.463601	-2.15703	0.0209311	0.196252	-5.0955	0.0149236	0.173033	-5.77924	0.510943	0.676549	-1.47809	2.60236	14.1548	4.83484	1
cg01802593	ST8SIA1	0.0963598	0.22855	0.657195	-1.52162	0.672163	1.15187	1.15187	0.4889	1.26305	1.26305	0.0273289	0.420076	-2.38052	0.540257	0.813875	-1.22869	0.470469	0.783582	-1.27619	0.0133178	0.361101	-2.76931	0.173697	1.61734	1.61734	0.426063	0.7634	-1.30993	2.60236	4.54759	1.55332	1
cg12792526	NCRNA00111	0.0963601	0.139256	2.93486	2.93486	0.0786256	0.266707	-3.74944	0.480252	1.62499	1.62499	0.242273	0.436914	-2.28878	0.0957535	0.289976	-3.44856	0.677679	1.32684	1.32684	0.16456	2.72727	2.72727	0.0766628	3.78973	3.78973	0.161263	2.75179	2.75179	2.60236	18.8674	6.44455	1
cg00334794	CRISPLD2	0.0963683	0.00917265	0.213193	-4.69059	0.699936	1.1983	1.1983	0.656556	1.23252	1.23252	0.662121	1.22801	1.22801	0.753429	1.15858	1.15858	0.304437	1.64346	1.64346	0.868258	1.08063	1.08063	0.0232449	0.281646	-3.55055	0.710594	1.19018	1.19018	2.60226	8.99294	3.07183	1
cg15892617	CACNA1S;CACNA1S	0.0963697	0.207712	1.40253	1.40253	0.0206429	2.03353	2.03353	0.122634	1.53108	1.53108	0.0509433	1.76153	1.76153	0.387141	1.25323	1.25323	0.0366957	1.85535	1.85535	0.0201293	2.04179	2.04179	0.140918	1.4967	1.4967	0.336635	1.28694	1.28694	2.60225	2.67235	0.912835	1
cg08567760	C20orf79	0.0963716	0.0364484	0.200519	-4.98706	0.360868	0.537543	-1.86032	0.0155058	0.140563	-7.11423	0.0725006	0.265978	-3.75971	0.140091	0.350261	-2.85501	0.133085	0.3427	-2.918	0.121331	0.329552	-3.03443	0.0377789	0.203496	-4.9141	0.0946348	0.296989	-3.36712	2.60223	17.9992	6.14831	1
cg13741548	MCTS1;MCTS1	0.096372	0.0198292	0.0824666	-12.1261	0.801888	1.24986	1.24986	0.947712	0.943477	-1.05991	0.19078	3.41783	3.41783	0.857823	1.17244	1.17244	0.0090491	0.0526958	-18.9769	0.722123	0.728487	-1.37271	0.980006	1.02248	1.02248	0.947043	0.942773	-1.0607	2.60222	32.4366	11.08	1
cg01723929	SNORA70B;USP34	0.0963739	0.480203	1.12966	1.12966	0.238741	0.81089	-1.23321	0.986143	0.997054	-1.00295	0.021263	1.60058	1.60058	0.0134864	1.68132	1.68132	0.465684	0.881503	-1.13443	0.176268	1.27666	1.27666	0.366273	1.1708	1.1708	0.494085	1.12521	1.12521	2.6022	1.18946	0.406309	1
cg01632865	GALNT9;GALNT9	0.0963742	0.821571	1.12119	1.12119	0.0142586	4.62146	4.62146	0.143283	2.21784	2.21784	0.855939	1.0964	1.0964	0.424259	0.661488	-1.51174	0.253835	0.546921	-1.82842	0.0361429	0.291135	-3.43483	0.716894	1.20251	1.20251	0.971846	1.01803	1.01803	2.6022	10.5691	3.61032	1
cg25059751	HERC2	0.0963772	0.677419	0.88856	-1.12542	0.0847819	0.583701	-1.71321	0.101675	0.60285	-1.65879	0.675311	0.887825	-1.12635	0.0284096	0.481614	-2.07635	0.0201549	0.453154	-2.20676	0.0194268	0.450186	-2.2213	0.413623	0.789739	-1.26624	0.216708	0.69272	-1.44359	2.60216	3.28754	1.12301	1
cg05620288	HS6ST1	0.0963774	0.10317	0.742089	-1.34755	0.484999	1.12607	1.12607	0.699814	0.937228	-1.06698	0.613294	0.918261	-1.08901	0.0446701	0.679973	-1.47065	0.170984	1.27625	1.27625	0.0366995	0.666217	-1.50101	0.0379803	0.6686	-1.49566	0.526523	0.898186	-1.11336	2.60216	1.15391	0.394171	1
cg09938518	RIMKLA	0.0963775	0.757074	0.925673	-1.08029	0.106073	0.644449	-1.55171	0.0238231	0.511008	-1.95691	0.166336	1.44393	1.44393	0.0244777	0.513178	-1.94864	0.648324	0.891989	-1.12109	0.657554	1.11745	1.11745	0.522822	1.17493	1.17493	0.54825	1.16326	1.16326	2.60216	2.55353	0.872277	1
cg26750789	CSHL1;CSHL1;CSHL1;CSHL1	0.0963782	0.288537	0.699479	-1.42964	0.0234373	0.415499	-2.40674	0.0388186	0.460221	-2.17287	0.268102	0.687835	-1.45384	0.0621431	0.505994	-1.97631	0.111456	0.569836	-1.75489	0.0310773	0.440003	-2.27271	0.0487119	0.481762	-2.07571	0.155524	0.610792	-1.63722	2.60215	4.33691	1.48148	1
cg00776782	DHRS3	0.0963791	0.105317	0.754296	-1.32574	0.0968481	0.747961	-1.33697	0.0569629	0.709471	-1.4095	0.0152956	1.60717	1.60717	0.585942	0.916086	-1.0916	0.9373	1.01261	1.01261	0.508906	0.898731	-1.11268	0.815555	0.963452	-1.03793	0.965354	0.993103	-1.00695	2.60214	1.04635	0.357434	1
cg00019880	PCTP;PCTP	0.0963802	0.00730488	0.0479631	-20.8494	0.625573	0.649335	-1.54004	0.905284	0.900757	-1.11018	0.673366	1.45103	1.45103	0.0787278	0.180068	-5.55345	0.59844	0.627107	-1.59462	0.0284845	0.10332	-9.67865	0.85609	0.852656	-1.17281	0.122994	0.230568	-4.33712	2.60213	31.7735	10.8539	1
cg21430959	CCDC48	0.0963806	0.324945	0.927695	-1.07794	0.0899044	1.148	1.148	0.255275	0.91604	-1.09165	0.655033	0.967342	-1.03376	0.0177574	0.808281	-1.23719	0.395068	1.06643	1.06643	0.14307	1.12323	1.12323	0.332026	0.928772	-1.07669	0.201228	0.905146	-1.10479	2.60212	0.224675	0.0767493	1
cg17297362	GIGYF2;GIGYF2;GIGYF2;KCNJ13;GIGYF2	0.096381	0.976695	1.01552	1.01552	0.73842	0.838059	-1.19323	0.593045	0.752498	-1.32891	0.29648	1.76934	1.76934	0.547521	1.37829	1.37829	0.895119	1.072	1.072	0.0303699	3.82521	3.82521	0.00511275	7.0291	7.0291	0.213221	1.99566	1.99566	2.60212	11.4512	3.91176	1
cg04614823	TMEM5	0.0963825	0.402204	0.802996	-1.24534	0.0134212	0.456806	-2.18911	0.162635	0.682862	-1.46442	0.577332	0.865821	-1.15497	0.812266	0.940927	-1.06278	0.371109	1.26494	1.26494	0.0301441	0.520724	-1.9204	0.208705	1.40376	1.40376	0.735112	1.09079	1.09079	2.6021	2.69908	0.922016	1
cg17748287	SRCIN1	0.0963826	0.785871	1.04981	1.04981	0.266398	1.22964	1.22964	0.880906	0.973592	-1.02712	0.979152	1.00468	1.00468	0.332498	0.836552	-1.19538	0.00849201	0.548973	-1.82158	0.0358696	0.646727	-1.54625	0.28423	1.21968	1.21968	0.868396	0.97083	-1.03005	2.6021	1.31331	0.448634	1
cg04752591	ZBTB9	0.0963907	0.366715	1.35948	1.35948	0.00889054	0.332019	-3.01188	0.196245	1.57233	1.57233	0.188914	1.58559	1.58559	0.879562	1.0515	1.0515	0.218993	0.651723	-1.53439	0.455346	1.28636	1.28636	0.218903	1.53453	1.53453	0.699916	0.879621	-1.13685	2.60201	4.51986	1.54406	1
cg20125569	MEX3B	0.0963913	0.216689	0.847717	-1.17964	0.813077	1.03056	1.03056	0.0371133	1.36014	1.36014	0.693579	0.950918	-1.05161	0.724311	0.955992	-1.04603	0.0099003	0.660901	-1.51309	0.283316	0.867906	-1.1522	0.307795	0.874445	-1.14358	0.404875	0.897347	-1.1144	2.602	0.665623	0.227389	1
cg01012082	NCOA2	0.0963936	0.167115	2.1194	2.1194	0.741599	1.18383	1.18383	0.957141	1.02779	1.02779	0.136323	0.441061	-2.26726	0.0134769	0.210126	-4.75906	0.605382	0.766577	-1.3045	0.0274991	0.264559	-3.77988	0.907876	1.06082	1.06082	0.303484	0.580675	-1.72213	2.60197	10.719	3.66182	1
cg18163144	ALG5;ALG5;EXOSC8	0.0963944	0.0134545	0.555818	-1.79915	0.0251953	0.599934	-1.66685	0.411552	1.17487	1.17487	0.506926	1.13795	1.13795	0.825355	1.04333	1.04333	0.26212	1.25161	1.25161	0.667726	1.08642	1.08642	0.544936	1.12479	1.12479	0.45905	0.86528	-1.1557	2.60196	1.51814	0.518629	1
cg18885372	SERPINA13	0.0963963	0.825156	0.947263	-1.05567	0.95273	1.01462	1.01462	0.201727	0.71885	-1.39111	0.144177	1.46839	1.46839	0.201186	1.39172	1.39172	0.0408359	1.78262	1.78262	0.056233	1.69796	1.69796	0.0358928	1.81798	1.81798	0.436539	0.823361	-1.21453	2.60194	2.47089	0.844119	1
cg14206273	CASZ1;CASZ1	0.0963967	0.0994842	0.458242	-2.18225	0.0458809	0.371936	-2.68864	0.191154	0.549822	-1.81877	0.704712	1.17886	1.17886	0.00768326	0.227525	-4.39513	0.571797	0.781192	-1.28009	0.048905	0.378362	-2.64297	0.300863	0.629201	-1.58932	0.361838	0.666916	-1.49944	2.60194	7.69719	2.62956	1
cg10107264	GSTA1	0.0963971	0.132979	1.29046	1.29046	0.0715423	0.728659	-1.37238	0.708082	0.942546	-1.06096	0.147912	0.783335	-1.27659	0.167207	1.26065	1.26065	0.0892827	0.744718	-1.34279	0.091625	1.33936	1.33936	0.802611	0.961366	-1.04019	0.214886	0.814339	-1.22799	2.60193	1.01976	0.348377	1
cg14341289	FSD1L;FSD1L;FSD1L	0.0963971	0.0440552	0.339513	-2.9454	0.116411	2.21788	2.21788	0.421273	1.46754	1.46754	0.727414	0.849264	-1.17749	0.0363165	0.321005	-3.11521	0.470358	0.709719	-1.40901	0.0601008	0.371509	-2.69172	0.175407	0.510288	-1.95968	0.284161	0.594829	-1.68115	2.60193	8.98326	3.06892	1
cg25917893	CLPTM1	0.0963974	0.0931962	1.69695	1.69695	0.175315	1.51094	1.51094	0.0376135	1.99504	1.99504	0.0164291	2.31554	2.31554	0.0510231	1.88972	1.88972	0.787588	1.08041	1.08041	0.32472	1.33806	1.33806	0.0373303	1.99773	1.99773	0.884259	1.04259	1.04259	2.60193	3.37918	1.15442	1
cg03046748	UNC84A;UNC84A	0.0964016	0.836096	0.865832	-1.15496	0.0122147	8.76899	8.76899	0.00579175	12.3511	12.3511	0.417722	1.77871	1.77871	0.465043	1.67708	1.67708	0.810372	1.18195	1.18195	0.321944	2.03715	2.03715	0.685454	1.32733	1.32733	0.729317	1.27324	1.27324	2.60188	19.9277	6.80798	1
cg26561681	EIF4G3	0.0964027	0.114507	0.395848	-2.52622	0.17069	0.454923	-2.19817	0.0298431	0.251587	-3.97477	0.126183	0.409306	-2.44316	0.0987771	0.376349	-2.65711	0.206431	0.487017	-2.05331	0.0113052	0.180383	-5.54376	0.564089	1.36999	1.36999	0.278677	0.544379	-1.83696	2.60187	12.0108	4.10332	1
cg01135315	CRAMP1L	0.0964047	0.61334	0.815336	-1.22649	0.00926066	3.75524	3.75524	0.0359943	2.6573	2.6573	0.633151	0.824762	-1.21247	0.663554	0.839148	-1.19169	0.653257	0.834285	-1.19863	0.486698	0.7534	-1.32732	0.116104	1.98223	1.98223	0.914511	1.04396	1.04396	2.60184	6.61493	2.25991	1
cg19700470	GABBR1;GABBR1;GABBR1	0.096405	0.79303	0.921801	-1.08483	0.0107809	2.69632	2.69632	0.0314011	2.18513	2.18513	0.107565	1.7226	1.7226	0.348326	0.741565	-1.3485	0.508835	1.23064	1.23064	0.157482	1.59692	1.59692	0.175632	1.56196	1.56196	0.498431	1.23715	1.23715	2.60184	3.95131	1.34992	1
cg11824172	HOOK1	0.0964057	0.134186	2.61731	2.61731	0.670673	1.2902	1.2902	0.138934	2.58265	2.58265	0.218512	2.16188	2.16188	0.0987951	2.93938	2.93938	0.160673	2.44159	2.44159	0.0125189	6.36257	6.36257	0.0173759	5.61485	5.61485	0.0793182	3.19096	3.19096	2.60183	14.6224	4.99559	1
cg11114757	BIRC2	0.0964069	0.569562	1.17197	1.17197	0.665134	0.886714	-1.12776	0.884618	1.0409	1.0409	0.00796424	2.55795	2.55795	0.40782	0.791552	-1.26334	0.528626	1.19274	1.19274	0.361468	0.771829	-1.29562	0.219499	0.70013	-1.42831	0.0565839	1.81461	1.81461	2.60182	3.14105	1.07311	1
cg08458637	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSN	0.0964081	0.827895	0.891488	-1.12172	0.00383849	7.81332	7.81332	0.025122	4.07694	4.07694	0.951926	0.968693	-1.03232	0.531005	1.39765	1.39765	0.315192	1.72963	1.72963	0.458034	1.48984	1.48984	0.435654	1.52134	1.52134	0.811932	1.134	1.134	2.6018	11.4689	3.91829	1
cg22473504	MAD2L1BP;MAD2L1BP	0.0964082	0.0909899	0.56381	-1.77365	0.211344	1.49974	1.49974	0.0202293	2.36754	2.36754	0.483874	0.803337	-1.24481	0.232875	1.46965	1.46965	0.255358	0.693857	-1.44122	0.111187	0.586207	-1.70588	0.890641	1.04325	1.04325	0.612603	1.17019	1.17019	2.6018	3.90363	1.33365	1
cg03033447	OBSCN;OBSCN	0.096409	0.233173	0.676664	-1.47784	0.6773	0.877429	-1.13969	0.0200854	0.416317	-2.40202	0.478317	0.798337	-1.2526	0.019282	0.412972	-2.42147	0.730003	1.11432	1.11432	0.023446	0.429193	-2.32996	0.131842	0.601581	-1.66229	0.644968	0.865053	-1.156	2.60179	4.02273	1.37434	1
cg20275507	COL19A1	0.0964097	0.0379136	0.250635	-3.98987	0.473913	0.657893	-1.52	0.929067	0.950101	-1.05252	0.50264	0.676301	-1.47863	0.0420563	0.260095	-3.84475	0.38057	0.59626	-1.67712	0.020138	0.199597	-5.01011	0.155536	2.39569	2.39569	0.195381	0.455069	-2.19747	2.60179	13.6193	4.65296	1
cg07181209	GALNT10	0.0964114	0.0279279	0.291276	-3.43317	0.104434	0.430476	-2.32301	0.0134766	0.233967	-4.2741	0.620519	0.788986	-1.26745	0.0603005	0.365638	-2.73494	0.26967	0.579351	-1.72607	0.0932366	0.416099	-2.40328	0.719019	1.18716	1.18716	0.185758	0.51362	-1.94696	2.60177	9.29209	3.17463	1
cg07269000	UBD	0.0964125	0.740603	1.05625	1.05625	0.0737151	0.720101	-1.38869	0.0319486	0.661002	-1.51285	0.446937	0.880138	-1.13619	0.0130041	0.601936	-1.66131	0.564065	0.908421	-1.10081	0.23219	0.813531	-1.22921	0.348373	0.852981	-1.17236	0.0314742	0.659988	-1.51518	2.60175	1.11787	0.381919	1
cg18588441	CHN1;CHN1	0.0964155	0.299021	0.710706	-1.40705	0.0463552	0.484805	-2.06269	0.0250868	0.429382	-2.32893	0.534047	0.818889	-1.22117	0.00638671	0.324348	-3.08311	0.716949	0.890912	-1.12245	0.492114	0.801434	-1.24776	0.925156	1.03026	1.03026	0.670326	0.872967	-1.14552	2.60172	4.14752	1.41702	1
cg07738938	TNRC18	0.0964181	0.38204	1.22718	1.22718	0.0605837	1.62117	1.62117	0.100965	1.50709	1.50709	0.105333	1.49791	1.49791	0.995562	0.998731	-1.00127	0.824503	0.950548	-1.05203	0.00621235	2.25839	2.25839	0.344117	1.24924	1.24924	0.09076	1.53037	1.53037	2.60169	2.14862	0.734094	1
cg04975598	KCNJ10;KCNJ10	0.0964196	0.278022	0.566316	-1.7658	0.208088	0.512212	-1.95232	0.422052	0.6614	-1.51194	0.171863	0.480414	-2.08154	0.13993	0.449082	-2.22676	0.316198	0.593131	-1.68597	0.0146935	0.220046	-4.5445	0.00618771	0.165363	-6.04728	0.512807	0.715644	-1.39734	2.60167	10.4693	3.57695	1
cg24598094	SLC30A1	0.0964211	0.159012	0.308356	-3.24301	0.485173	0.574437	-1.74084	0.491608	0.579283	-1.72627	0.155183	3.28351	3.28351	0.0285649	0.132769	-7.53186	0.807508	0.826311	-1.2102	0.0127074	0.0888923	-11.2496	0.238348	0.380878	-2.62551	0.200935	0.34795	-2.87398	2.60165	25.1704	8.59979	1
cg10289074	CHMP4A;CHMP4A	0.0964211	0.0477115	0.585555	-1.70778	0.571375	0.873534	-1.14478	0.518427	0.856628	-1.16737	0.704871	0.91398	-1.09412	0.348829	0.796137	-1.25606	0.30857	0.779494	-1.28288	0.00244071	0.369011	-2.70995	0.266125	0.760412	-1.31508	0.36808	0.803694	-1.24425	2.60165	2.30227	0.786602	1
cg27514326	MAGEA4;MAGEA4	0.09642	0.832836	1.06266	1.06266	0.0620878	0.546609	-1.82946	0.209636	0.68371	-1.46261	0.381011	0.7723	-1.29483	0.0183955	0.439335	-2.27617	0.188001	1.49356	1.49356	0.0897078	1.71247	1.71247	0.772632	0.920069	-1.08688	0.900494	0.964668	-1.03663	2.60164	3.4071	1.16409	1
cg06420834	MYL9;MYL9	0.0964224	0.228055	1.56886	1.56886	0.932733	1.03051	1.03051	0.0830702	0.505081	-1.97988	0.99301	1.00312	1.00312	0.283248	0.672439	-1.48712	0.0589538	2.13644	2.13644	0.181129	1.65758	1.65758	0.0193771	2.73571	2.73571	0.848821	1.07029	1.07029	2.60164	5.22049	1.78366	1
cg06690168	LRRC33	0.0964224	0.00707584	0.333294	-3.00035	0.176694	0.635478	-1.57362	0.159734	0.622337	-1.60685	0.706112	0.887282	-1.12704	0.0235826	0.425929	-2.34781	0.263962	0.692395	-1.44426	0.073753	0.532981	-1.87624	0.370222	0.747896	-1.33709	0.140838	0.606492	-1.64883	2.60164	4.10649	1.40304	1
cg10171388	SCGBL	0.0964233	0.0315765	0.429938	-2.32592	0.810934	1.08356	1.08356	0.0799135	0.52169	-1.91685	0.301344	1.4313	1.4313	0.818415	0.925885	-1.08005	0.0747333	0.514425	-1.94392	0.683151	0.871605	-1.14731	0.0804764	0.522457	-1.91403	0.0314418	0.429555	-2.32799	2.60163	4.62012	1.57854	1
cg09317102	UHRF1;UHRF1;UHRF1	0.0964238	0.0224113	0.331232	-3.01904	0.337982	0.671012	-1.49029	0.488124	0.752392	-1.32909	0.372038	1.44801	1.44801	0.138693	1.90372	1.90372	0.0974698	2.08449	2.08449	?	?	?	0.442871	0.729043	-1.37166	0.235292	1.65272	1.65272	2.63079	6.0424	2.2968	1
cg14286456	RERE;RERE	0.0964254	0.916215	1.06634	1.06634	0.28145	0.504973	-1.98031	0.202054	0.439474	-2.27545	0.380905	1.73079	1.73079	0.61208	0.731881	-1.36634	0.173451	2.42064	2.42064	0.769471	1.19647	1.19647	0.00470329	9.90316	9.90316	0.927149	0.94571	-1.05741	2.6016	15.3507	5.24486	1
cg03800150	GIMAP7	0.0964256	0.45534	0.819509	-1.22024	0.314309	0.761548	-1.31311	0.0368863	0.53017	-1.88619	0.151324	0.668651	-1.49555	0.90467	0.969123	-1.03186	0.768417	1.08036	1.08036	0.00760315	0.407153	-2.45608	0.477857	0.827866	-1.20793	0.0398025	0.536777	-1.86297	2.6016	2.82358	0.964732	1
cg25626508	CDC20B;MIR449C;CDC20B;CDC20B	0.0964274	0.68351	0.868152	-1.15187	0.931554	0.970803	-1.03008	0.32199	1.42321	1.42321	0.14547	0.583222	-1.71461	0.0817258	0.514043	-1.94536	0.130524	0.56934	-1.75642	0.851847	1.06662	1.06662	0.0217928	2.58493	2.58493	0.170558	1.65436	1.65436	2.60158	4.90266	1.67511	1
cg06472688	EPB41L2;EPB41L2;EPB41L2	0.0964334	0.292447	0.770581	-1.29772	0.0168914	0.498876	-2.00451	0.679684	0.905684	-1.10414	0.0268965	0.535052	-1.86898	0.394584	0.812164	-1.23128	0.165522	0.702643	-1.4232	0.123132	1.48963	1.48963	0.435536	0.827108	-1.20903	0.157398	0.697152	-1.43441	2.60151	2.34569	0.801477	1
cg11129609	WDR46;WDR46	0.0964335	0.0448959	0.22719	-4.40159	0.538391	1.49339	1.49339	0.962242	1.03095	1.03095	0.0287586	0.19005	-5.26178	0.0149537	0.145677	-6.86448	0.0731706	0.276247	-3.61994	0.394677	0.570495	-1.75286	0.547584	0.675846	-1.47963	0.3625	0.547411	-1.82678	2.60151	17.0772	5.83495	1
cg06194808	TMEM184A	0.0964355	0.928802	1.02622	1.02622	0.117179	1.63696	1.63696	0.389038	1.29128	1.29128	0.276438	1.38796	1.38796	0.493673	1.22299	1.22299	0.296193	1.36844	1.36844	0.00499903	2.93219	2.93219	0.0194397	2.26638	2.26638	0.371782	1.30416	1.30416	2.60149	3.45525	1.18061	1
cg08406714	RRP1	0.0964364	0.628623	1.17857	1.17857	0.932258	0.971747	-1.02907	0.298216	0.69523	-1.43837	0.099553	0.544144	-1.83775	0.00984257	0.332926	-3.00367	0.711221	1.13356	1.13356	0.264114	0.675432	-1.48053	0.14334	1.6992	1.6992	0.268897	1.47429	1.47429	2.60148	4.6823	1.59988	1
cg12308279	ST5;ST5;ST5	0.0964371	0.111109	0.487845	-2.04983	0.0304575	0.349326	-2.86265	0.7377	0.870234	-1.14912	0.449487	0.7271	-1.37533	0.0358408	0.364289	-2.74507	0.128409	0.506818	-1.9731	0.0351291	0.362413	-2.75928	0.0311886	0.351471	-2.84519	0.103703	0.47911	-2.0872	2.60147	7.04576	2.40744	1
cg18182039	PLEKHG7	0.0964372	0.0172876	2.0818	2.0818	0.390034	0.800337	-1.24947	0.0396476	0.547935	-1.82503	0.297568	1.31398	1.31398	0.490593	0.837728	-1.1937	0.17515	1.43995	1.43995	0.752277	1.08336	1.08336	0.693273	1.10543	1.10543	0.325131	0.773427	-1.29295	2.60147	2.63441	0.900143	1
cg20840847	APBA2;APBA2	0.0964382	0.0368215	0.466259	-2.14473	0.509449	0.810139	-1.23436	0.558515	0.830148	-1.2046	0.762245	1.10017	1.10017	0.0287064	0.444039	-2.25206	0.450952	0.785324	-1.27336	0.0105582	0.363462	-2.75132	0.814764	1.07664	1.07664	0.146172	0.612125	-1.63365	2.60146	4.07856	1.3936	1
cg02593905	ASPDH	0.0964384	0.658018	1.05671	1.05671	0.129502	1.22483	1.22483	0.952263	0.992615	-1.00744	0.404966	1.11126	1.11126	0.300195	0.875534	-1.14216	0.406059	1.11098	1.11098	0.00387475	1.61875	1.61875	0.403618	0.899593	-1.11161	0.360028	1.12357	1.12357	2.60145	0.631575	0.215802	1
cg13639582	TULP2	0.0964386	0.668035	1.07763	1.07763	0.970914	0.993702	-1.00634	0.616825	0.916292	-1.09135	0.759789	1.05458	1.05458	0.614819	1.09191	1.09191	0.873354	1.02803	1.02803	0.00253368	2.06721	2.06721	0.315305	0.835329	-1.19713	0.365089	0.851061	-1.175	2.60145	1.23729	0.422767	1
cg04513540	FBLN2;FBLN2;FBLN2	0.0964391	0.791269	1.05458	1.05458	0.364103	0.829553	-1.20547	0.261227	1.26461	1.26461	0.532196	1.13516	1.13516	0.04532	0.631251	-1.58416	0.172324	1.33784	1.33784	0.0130085	1.85419	1.85419	0.785963	0.946922	-1.05605	0.505483	0.873385	-1.14497	2.60145	1.65404	0.56517	1
cg12557867	ADARB2	0.0964411	0.0529717	0.712391	-1.40372	0.348488	0.861707	-1.16049	0.377408	0.869649	-1.14989	0.132622	0.778623	-1.28432	0.461468	0.890825	-1.12256	0.103559	0.759935	-1.3159	0.00505737	0.564616	-1.77111	0.0656304	0.727175	-1.37518	0.833891	0.968136	-1.03291	2.60142	0.979709	0.33476	1
cg05188549	TDRKH;TDRKH;TDRKH;TDRKH	0.0964436	0.104511	1.22178	1.22178	0.0380498	1.31188	1.31188	0.251853	1.14469	1.14469	0.0468521	0.773473	-1.29287	0.63408	1.05562	1.05562	0.741113	0.963265	-1.03814	0.391431	0.905631	-1.1042	0.104391	0.818408	-1.22188	0.884485	1.01655	1.01655	2.6014	0.525024	0.179399	1
cg13966883	HELT	0.096448	0.402864	0.884335	-1.13079	0.896537	0.981493	-1.01886	0.591617	1.08086	1.08086	0.937218	1.01138	1.01138	0.90819	0.983572	-1.0167	0.184555	0.817033	-1.22394	0.00272164	0.551926	-1.81184	0.553954	1.08976	1.08976	0.202777	0.824428	-1.21296	2.60134	0.849393	0.290241	1
cg10243075	CACNA1A;CACNA1A	0.0964514	0.205382	0.35439	-2.82175	0.632825	1.45313	1.45313	0.408332	1.92831	1.92831	0.312062	0.443982	-2.25234	0.147235	0.298914	-3.34544	0.227857	0.374253	-2.67199	0.00958278	0.0783362	-12.7655	0.033806	0.145984	-6.85007	0.216943	0.364693	-2.74203	2.6013	24.8371	8.48705	1
cg04646944	SEC14L5;SEC14L5	0.0964523	0.588866	0.944156	-1.0587	0.207724	1.14897	1.14897	0.0495117	1.26399	1.26399	0.494932	1.07513	1.07513	0.202611	0.868827	-1.15098	0.231486	0.877051	-1.14018	0.0163999	0.735932	-1.35882	0.574791	1.06104	1.06104	0.858083	0.981464	-1.01889	2.60129	0.450168	0.153827	1
cg07348708	MRPS18B;MRPS18B;PPP1R10	0.0964574	0.00479039	0.254186	-3.93413	0.0494512	0.440345	-2.27095	0.262746	1.53292	1.53292	0.303052	0.676861	-1.47741	0.434581	0.747009	-1.33867	0.886907	0.949271	-1.05344	0.305667	0.678388	-1.47408	0.480594	0.769273	-1.29993	0.948846	1.02375	1.02375	2.60124	5.51405	1.88425	1
cg01995821	SELM;SELM	0.0964595	0.9273	1.02934	1.02934	0.329655	1.37551	1.37551	0.00203624	3.96836	3.96836	0.854746	0.943577	-1.0598	0.605708	0.847868	-1.17943	0.6473	1.15718	1.15718	0.477229	0.7953	-1.25739	0.859412	1.0578	1.0578	0.597624	1.18389	1.18389	2.60121	4.13786	1.41399	1
cg19766033	ABCB9;ABCB9;ABCB9	0.0964613	0.558831	1.18021	1.18021	0.00836096	2.57145	2.57145	0.00873748	2.55061	2.55061	0.517703	1.2018	1.2018	0.85666	0.950585	-1.05198	0.611355	1.15446	1.15446	0.196399	1.46648	1.46648	0.8294	1.06235	1.06235	0.469983	1.22878	1.22878	2.60119	3.23643	1.10597	1
cg14321697	ACCN1;ACCN1	0.0964619	0.105946	0.587001	-1.70357	0.064095	0.5338	-1.87336	0.0153285	0.407412	-2.45452	0.341341	0.743937	-1.3442	0.236383	0.687767	-1.45398	0.228336	0.682874	-1.4644	0.0662883	0.537184	-1.86156	0.0246449	0.446075	-2.24178	0.066569	0.53761	-1.86008	2.60118	3.74953	1.28131	1
cg18144710	EXT1	0.0964621	0.0341243	0.517364	-1.93287	0.469156	0.821772	-1.21688	0.608846	0.871477	-1.14748	0.144159	0.658238	-1.51921	0.64085	1.13341	1.13341	0.200162	0.697184	-1.43434	0.0236434	2.05476	2.05476	0.318419	0.759684	-1.31634	0.19032	0.690961	-1.44726	2.60118	2.92673	1.00014	1
cg02670929	ZNF648	0.0964631	0.624331	1.10753	1.10753	0.834398	0.957605	-1.04427	0.135545	0.716856	-1.39498	0.957422	1.01111	1.01111	0.518329	1.14511	1.14511	0.0108791	1.93788	1.93788	0.0358673	1.65732	1.65732	0.399637	0.836592	-1.19533	0.594546	0.894792	-1.11758	2.60117	1.76396	0.602793	1
cg26846409	GFRA2;GFRA2;GFRA2	0.096465	0.0290251	4.30581	4.30581	0.0437269	3.7256	3.7256	0.244027	1.99667	1.99667	0.115119	2.64299	2.64299	0.693121	1.25234	1.25234	0.233006	2.03291	2.03291	0.0190204	5.00632	5.00632	0.0427094	3.75664	3.75664	0.106824	2.71512	2.71512	2.60115	13.2593	4.53109	1
cg22867816	PROM1;PROM1	0.0964652	0.0125135	0.12999	-7.6929	0.0606788	0.249345	-4.01051	0.192191	0.403893	-2.47591	0.833999	0.871248	-1.14778	0.16056	0.373644	-2.67634	0.726242	1.25969	1.25969	0.0709944	0.265876	-3.76115	0.639416	1.3633	1.3633	0.0579189	0.244651	-4.08745	2.60115	17.7691	6.07224	1
cg03941531	BRD1	0.096466	0.877616	0.942821	-1.06065	0.00872154	3.58536	3.58536	0.0179605	3.00015	3.00015	0.934833	1.03174	1.03174	0.326385	0.67899	-1.47277	0.280404	1.53527	1.53527	0.912345	0.958799	-1.04297	0.624246	1.2076	1.2076	0.810207	0.912171	-1.09629	2.60114	6.01408	2.0552	1
cg04008429	TRIM59	0.0964668	0.0633051	13.9076	13.9076	0.738739	0.655796	-1.52487	0.12558	8.08044	8.08044	0.0500614	16.7143	16.7143	0.543898	0.461018	-2.16911	0.216498	5.15137	5.15137	0.289398	3.99927	3.99927	0.0136207	46.8524	46.8524	0.0917977	10.3785	10.3785	2.60113	65.4512	22.3668	1
cg08843279	NRIP1	0.0964668	0.730738	1.05304	1.05304	0.126795	1.28026	1.28026	0.0338717	1.44856	1.44856	0.971997	0.994763	-1.00526	0.703018	0.944307	-1.05898	0.212769	0.821756	-1.21691	0.0204753	0.658523	-1.51855	0.335337	1.16024	1.16024	0.603535	1.08153	1.08153	2.60113	0.921949	0.31506	1
cg00674043	SERPINB13	0.0964669	0.349531	0.849491	-1.17718	0.286061	1.20643	1.20643	0.190179	1.26492	1.26492	0.967888	1.00684	1.00684	0.260142	0.819586	-1.22013	0.104454	1.3507	1.3507	0.0062568	1.82846	1.82846	0.937087	0.986718	-1.01346	0.773462	0.952289	-1.0501	2.60113	1.18196	0.403914	1
cg14382224	ASTN2;ASTN2;ASTN2	0.0964687	0.221565	1.37347	1.37347	0.0567957	0.587147	-1.70315	0.984748	0.99529	-1.00473	0.341345	1.274	1.274	0.116888	1.52307	1.52307	0.0405816	0.55764	-1.79327	0.0762124	1.62784	1.62784	0.98505	1.00464	1.00464	0.657557	0.895665	-1.11649	2.60111	2.51301	0.858784	1
cg10992686	ARL3	0.0964702	0.0640891	0.656033	-1.52431	0.885183	1.0297	1.0297	0.263185	0.789534	-1.26657	0.139236	0.724411	-1.38043	0.00842881	0.505821	-1.97698	0.110514	0.703058	-1.42236	0.37318	0.830934	-1.20346	0.226822	1.29313	1.29313	0.536272	0.880844	-1.13528	2.60109	1.69072	0.577782	1
cg20828897	KCNQ1;KCNQ1	0.0964703	0.366859	0.832957	-1.20054	0.611136	0.903843	-1.10639	0.0291767	1.65988	1.65988	0.756573	0.940535	-1.06322	0.223739	0.77723	-1.28662	0.830002	0.958494	-1.0433	0.0503698	1.55235	1.55235	0.647092	0.913126	-1.09514	0.0468557	0.638506	-1.56616	2.60109	1.60141	0.547262	1
cg02534048	B4GALT7	0.096471	0.868815	0.932419	-1.07248	0.125725	0.495891	-2.01657	0.0427728	0.372634	-2.6836	0.483483	1.35182	1.35182	0.0762964	0.433953	-2.3044	0.242932	0.596152	-1.67743	0.83384	0.914916	-1.093	0.146666	0.517143	-1.9337	0.0094541	0.248525	-4.02375	2.60108	7.3818	2.52265	1
cg17635294	TSNARE1	0.0964794	0.599845	0.686765	-1.4561	0.00451717	0.0681427	-14.6751	0.0413866	0.188272	-5.31146	0.736784	1.27056	1.27056	0.337657	0.495772	-2.01705	0.417149	0.555106	-1.80146	0.131462	0.314786	-3.17676	0.158746	0.343256	-2.91328	0.982339	1.01584	1.01584	2.60098	20.7561	7.09342	1
cg02614658	RAB11FIP3	0.0964815	0.0257704	1.65946	1.65946	0.830716	0.959875	-1.0418	0.126204	1.37229	1.37229	0.0359362	1.59486	1.59486	0.262295	1.25055	1.25055	0.175725	0.759265	-1.31706	0.299242	0.813999	-1.2285	0.59901	0.903485	-1.10683	0.686049	0.925211	-1.08083	2.60096	1.50726	0.515113	1
cg27012203	CLCN6;CLCN6;MTHFR;CLCN6;CLCN6	0.0964821	0.126256	0.738952	-1.35327	0.357509	1.18893	1.18893	0.566621	0.899489	-1.11174	0.179996	0.770743	-1.29745	0.379052	1.17943	1.17943	0.05762	0.675279	-1.48087	0.00803495	0.537386	-1.86086	0.934139	0.984999	-1.01523	0.889873	0.974982	-1.02566	2.60095	1.37766	0.470821	1
cg26319797	UBE2F	0.0964831	0.785914	0.942395	-1.06113	0.103306	0.678217	-1.47445	0.35228	0.811726	-1.23194	0.50123	1.16039	1.16039	0.348908	0.810468	-1.23386	0.0415723	1.66869	1.66869	0.0226882	1.81203	1.81203	0.224438	1.3206	1.3206	0.788143	0.942995	-1.06045	2.60094	1.9562	0.668544	1
cg00145419	COL4A2	0.0964837	0.513579	0.825366	-1.21158	0.0555006	1.87522	1.87522	0.145755	1.57219	1.57219	0.859111	1.05282	1.05282	0.0139763	0.415035	-2.40944	0.399088	1.28415	1.28415	0.903395	0.965435	-1.0358	0.645629	0.874468	-1.14355	0.179632	0.661729	-1.51119	2.60093	3.45724	1.18154	1
cg25201359	ESYT2	0.0964851	0.304235	0.834662	-1.19809	0.0201652	1.60955	1.60955	0.262224	1.21965	1.21965	0.986731	1.00283	1.00283	0.753638	0.947928	-1.05493	0.517997	1.11775	1.11775	0.0220549	0.627281	-1.59418	0.234429	1.23578	1.23578	0.876426	1.02678	1.02678	2.60092	1.18842	0.406155	1
cg21452443	NMT1;DCAKD;DCAKD	0.0964864	0.0936977	0.872468	-1.14617	0.472754	0.947385	-1.05554	0.393081	1.06689	1.06689	0.397463	0.937889	-1.06622	0.073485	0.862695	-1.15916	0.1276	0.88521	-1.12968	0.213013	1.10193	1.10193	0.540602	0.955188	-1.04691	0.0347001	1.19988	1.19988	2.6009	0.225636	0.0771139	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01324550	LOC404266;LOC404266;LOC404266;LOC404266;HOXB6;LOC404266	0.0964876	0.168985	1.63025	1.63025	0.243775	1.50188	1.50188	0.0251707	2.43019	2.43019	0.0745763	1.93953	1.93953	0.713766	0.884386	-1.13073	0.259397	0.675446	-1.4805	0.665695	0.865048	-1.156	0.220076	1.53728	1.53728	0.0308243	2.32962	2.32962	2.60089	4.58138	1.56575	1
cg14516246	ZNF184	0.0964879	0.137383	0.740305	-1.3508	0.622914	0.911064	-1.09762	0.504328	1.13579	1.13579	0.331404	1.20723	1.20723	0.029609	1.61815	1.61815	0.17834	1.30832	1.30832	0.0278446	0.613545	-1.62987	0.590292	1.10755	1.10755	0.963249	1.0087	1.0087	2.60088	1.45481	0.497203	1
cg12534424	PRRT4	0.096488	0.151087	3.75882	3.75882	0.11325	4.40756	4.40756	0.209226	3.12392	3.12392	0.239211	2.88855	2.88855	0.40246	2.09052	2.09052	0.0847859	5.15742	5.15742	0.0114161	15.2519	15.2519	0.0273108	9.46397	9.46397	0.0425396	7.46246	7.46246	2.60088	30.5094	10.427	1
cg14464133	ADARB2	0.096491	0.643307	0.84157	-1.18825	0.0703256	0.473192	-2.11331	0.716521	1.1444	1.1444	0.957054	0.980278	-1.02012	0.0219945	2.76267	2.76267	0.667071	1.1736	1.1736	0.0450073	2.34166	2.34166	0.157062	0.571353	-1.75023	0.564037	1.24074	1.24074	2.60085	5.63542	1.92601	1
cg03532040	C19orf48;C19orf48	0.0964929	0.413954	0.790884	-1.26441	0.137548	1.56714	1.56714	0.856265	1.05225	1.05225	0.0248325	0.472205	-2.11772	0.0413178	0.516269	-1.93697	0.184484	0.6734	-1.485	0.219244	0.695632	-1.43754	0.194378	1.47059	1.47059	0.667403	0.885645	-1.12912	2.60083	3.25045	1.11091	1
cg23534245	BMP2	0.0964938	0.0963681	0.554529	-1.80333	0.0295785	0.437216	-2.2872	0.372103	0.743818	-1.34442	0.740078	1.11352	1.11352	0.0802748	0.534366	-1.87138	0.0466169	0.479071	-2.08737	0.0358422	0.454454	-2.20044	0.117071	0.577042	-1.73298	0.612164	1.17954	1.17954	2.60082	4.29662	1.46847	1
cg01423820	VASH1;VASH1	0.0964943	0.892577	0.973421	-1.02731	0.0465202	1.57547	1.57547	0.431062	0.851949	-1.17378	0.843904	0.961457	-1.04009	0.333885	0.819782	-1.21984	0.795813	1.05306	1.05306	0.0718999	0.669928	-1.4927	0.363766	0.830201	-1.20453	0.0197526	1.75294	1.75294	2.60081	1.63741	0.559624	1
cg00213668	BAIAP2L1	0.0964948	0.380707	0.546487	-1.82987	0.0432639	0.209635	-4.77019	0.0781134	0.268361	-3.72632	0.888381	1.09897	1.09897	0.0139811	0.13006	-7.68877	0.0491857	0.221163	-4.52155	0.11478	0.315837	-3.16619	0.320851	0.501939	-1.99227	0.0690089	0.254771	-3.92509	2.6008	18.6021	6.35774	1
cg10198000	DDX19B;DDX19B;DDX19B	0.0964954	0.261626	0.830737	-1.20375	0.0262773	0.658676	-1.5182	0.0636065	0.718655	-1.39149	0.721413	1.05836	1.05836	0.0857217	0.740177	-1.35103	0.200296	0.807097	-1.23901	0.0823983	1.35634	1.35634	0.239795	0.822844	-1.2153	0.365757	0.863114	-1.1586	2.6008	1.03369	0.353289	1
cg24080181	TMEM147	0.0964969	0.131235	1.49946	1.49946	0.657389	1.11736	1.11736	0.448599	0.825319	-1.21165	0.915083	1.02687	1.02687	0.75039	0.923719	-1.08258	0.489762	0.839936	-1.19057	0.141539	1.48143	1.48143	0.0949873	0.633724	-1.57798	0.0104299	0.448565	-2.22933	2.60078	2.5459	0.870131	1
cg13799287	WAC;WAC;WAC	0.0964983	0.726252	0.916251	-1.0914	0.0306874	0.531692	-1.88079	0.0716794	1.64941	1.64941	0.340175	1.27711	1.27711	0.0370772	1.82645	1.82645	0.392168	1.24376	1.24376	?	?	?	0.780316	0.932792	-1.07205	0.593423	1.1435	1.1435	2.62991	2.29238	0.871659	1
cg03656688	LRGUK	0.0964986	0.142379	0.629183	-1.58936	0.850426	1.05703	1.05703	0.00244864	0.289831	-3.45028	0.494692	0.815681	-1.22597	0.731524	0.903762	-1.10649	0.733768	0.904563	-1.10551	0.191127	0.665866	-1.5018	0.538107	1.201	1.201	0.709376	0.895839	-1.11627	2.60076	3.55567	1.21526	1
cg11385353	AGXT	0.0965025	0.911579	1.0397	1.0397	0.903188	1.04357	1.04357	0.00513809	0.273808	-3.65219	0.166231	1.67762	1.67762	0.441176	0.759373	-1.31688	0.106851	1.85331	1.85331	0.731338	0.886221	-1.12839	0.813018	0.920311	-1.08659	0.73197	1.12805	1.12805	2.60072	5.0591	1.72913	1
cg07993547	MAST3	0.096507	0.168772	0.467403	-2.13948	0.21102	1.98089	1.98089	0.703707	1.2192	1.2192	0.0670719	0.344863	-2.8997	0.788417	1.14972	1.14972	0.144726	0.443752	-2.25351	?	?	?	0.190768	2.05153	2.05153	0.0479338	3.23135	3.23135	2.6298	9.96053	3.78755	1
cg26127046	ZFYVE16;ZFYVE16	0.0965073	0.421863	1.1935	1.1935	0.800234	1.05619	1.05619	0.565443	1.13345	1.13345	0.039614	0.598676	-1.67035	0.394585	1.20682	1.20682	0.149168	0.716422	-1.39582	0.105913	0.683355	-1.46337	0.0275414	1.75396	1.75396	0.966303	1.00915	1.00915	2.60066	1.91442	0.654335	1
cg15703636	COL21A1	0.0965078	0.0378131	24.3722	24.3722	0.223621	5.44775	5.44775	0.14177	8.12163	8.12163	0.274691	4.51253	4.51253	0.377437	3.32267	3.32267	0.202295	5.95878	5.95878	0.135176	8.45891	8.45891	0.00842976	86.5326	86.5326	0.0292324	30.147	30.147	2.60065	72.4047	24.7475	1
cg19109955	ACTN4	0.0965107	0.616682	1.16629	1.16629	0.569413	1.19155	1.19155	0.65116	1.14883	1.14883	0.0515489	1.96499	1.96499	0.773281	1.09204	1.09204	0.042493	0.490637	-2.03817	0.113333	1.69081	1.69081	0.032544	2.1439	2.1439	0.400079	0.769082	-1.30025	2.60062	3.82663	1.30794	1
cg01927162	KIAA0922;KIAA0922	0.096513	0.261318	0.764231	-1.3085	0.254007	1.31444	1.31444	0.929164	0.979798	-1.02062	0.953133	1.01358	1.01358	0.00492249	0.425248	-2.35157	0.28366	1.29133	1.29133	0.306521	1.27506	1.27506	0.844796	0.956009	-1.04601	0.299783	0.781413	-1.27973	2.60059	2.17001	0.741716	1
cg10116893	NTN1	0.0965136	0.436165	0.578204	-1.72949	0.672475	1.34075	1.34075	0.157743	2.83389	2.83389	0.878744	0.900073	-1.11102	0.0213902	0.148569	-6.7309	0.91126	1.07991	1.07991	0.105052	0.294811	-3.39201	0.0867087	3.68684	3.68684	0.156479	2.84415	2.84415	2.60059	19.5868	6.69482	1
cg16884491	C8orf40;C8orf40;C8orf40;C8orf40	0.0965146	0.0222248	0.179867	-5.55966	0.731231	0.805883	-1.24088	0.576521	0.702472	-1.42354	0.586759	0.70927	-1.4099	0.0501255	0.247091	-4.04709	0.30914	0.51747	-1.93248	0.340521	0.540742	-1.84931	0.0199068	0.172212	-5.8068	0.0223702	0.18033	-5.54539	2.60057	16.1362	5.51543	1
cg20452714	ARTN;ARTN;ARTN;ARTN;ARTN;ARTN	0.0965147	0.133389	11.836	11.836	0.0261108	56.2021	56.2021	0.062551	24.5098	24.5098	0.0452517	33.3155	33.3155	0.95909	1.08144	1.08144	0.0559145	27.2617	27.2617	0.0597889	25.5833	25.5833	0.734342	1.68186	1.68186	0.0608401	25.1636	25.1636	2.60057	95.9541	32.7976	1
cg13090969	HDAC4	0.0965159	0.177858	0.367431	-2.7216	0.00495113	0.0741094	-13.4936	0.243449	0.425945	-2.34772	0.582415	0.67819	-1.47451	0.0619474	0.229964	-4.3485	0.467418	1.6771	1.6771	0.086815	0.266462	-3.75288	0.650726	0.727079	-1.37537	0.540583	0.648432	-1.54218	2.60056	20.1396	6.88386	1
cg25645272	TRIO	0.0965189	0.352517	0.511154	-1.95636	0.0433476	0.195934	-5.10375	0.257429	0.436475	-2.29108	0.176472	2.74002	2.74002	0.609766	0.696917	-1.43489	0.92305	1.07012	1.07012	0.0844776	0.262199	-3.8139	0.0297708	6.01358	6.01358	0.963657	0.968544	-1.03248	2.60053	20.2652	6.92688	1
cg03254161	DNAH17	0.0965194	0.170494	1.85026	1.85026	0.0877238	2.21341	2.21341	0.0190401	3.30878	3.30878	0.825161	0.910948	-1.09776	0.521421	0.760363	-1.31516	0.482398	1.35117	1.35117	0.0495515	2.5717	2.5717	0.233618	1.69287	1.69287	0.029229	2.95354	2.95354	2.60052	7.3193	2.50183	1
cg02107279	ANKH	0.0965226	0.737626	1.11445	1.11445	0.00486121	3.33158	3.33158	0.0210421	2.4461	2.4461	0.52335	1.23178	1.23178	0.159748	1.62286	1.62286	0.358144	1.35603	1.35603	0.912483	0.965185	-1.03607	0.784554	1.09234	1.09234	0.240467	1.48602	1.48602	2.60048	4.27846	1.46245	1
cg19157971	RABIF	0.0965241	0.783217	0.930181	-1.07506	0.00197989	3.14794	3.14794	0.23867	1.38246	1.38246	0.635846	0.882341	-1.13335	0.661027	0.890656	-1.12277	0.654137	1.12563	1.12563	0.85491	1.04921	1.04921	0.806665	1.06646	1.06646	0.869398	1.04413	1.04413	2.60047	2.83642	0.969541	1
cg14531530	LIMCH1;LIMCH1;LIMCH1	0.0965255	0.594286	0.869405	-1.15021	0.0101145	2.32717	2.32717	0.607387	1.14444	1.14444	0.0531836	1.77153	1.77153	0.128849	0.652309	-1.53302	0.269263	1.34918	1.34918	0.358795	1.27843	1.27843	0.588353	0.867408	-1.15286	0.775036	0.928123	-1.07744	2.60045	2.79089	0.953985	1
cg14343962	FBN1	0.0965257	0.88391	1.05599	1.05599	0.0646796	0.461277	-2.1679	0.00753495	0.277439	-3.60439	0.685968	1.16366	1.16366	0.0971067	0.507146	-1.97182	0.401077	1.37779	1.37779	0.346838	1.43507	1.43507	0.712473	0.871077	-1.148	0.682711	0.857915	-1.16562	2.60045	5.7263	1.95737	1
cg00284438	RNF169	0.0965272	0.284005	0.875243	-1.14254	0.0479298	1.31093	1.31093	0.103917	1.23723	1.23723	0.743878	1.04003	1.04003	0.100645	1.24023	1.24023	0.708692	1.04596	1.04596	0.114534	0.814246	-1.22813	0.10659	0.809812	-1.23485	0.279173	1.1442	1.1442	2.60043	0.590335	0.201791	1
cg23296645	SPRYD4	0.0965288	0.0304704	1.61275	1.61275	0.0588649	1.49331	1.49331	0.55638	0.894213	-1.1183	0.513415	0.882886	-1.13265	0.976298	0.994432	-1.0056	0.0304648	0.620047	-1.61278	0.881824	0.972431	-1.02835	0.691585	0.927801	-1.07782	0.249293	1.25395	1.25395	2.60041	1.45466	0.497241	1
cg14876102	SLC29A4;SLC29A4	0.0965302	0.186185	0.603005	-1.65836	0.973384	1.01211	1.01211	0.157879	0.579866	-1.72454	0.451969	0.758386	-1.31859	0.00652834	0.279281	-3.58063	0.0432995	0.432184	-2.31383	0.183027	0.600543	-1.66516	0.59948	1.21076	1.21076	0.116705	0.540558	-1.84994	2.6004	5.36456	1.83376	1
cg18449389	BCL2L2	0.096531	0.311462	1.31466	1.31466	0.175517	1.45696	1.45696	0.00513157	2.627	2.627	0.375477	1.26825	1.26825	0.987208	0.99582	-1.0042	?	?	?	0.202149	0.703399	-1.42167	0.890745	0.964731	-1.03656	0.402212	1.25105	1.25105	2.62952	2.5267	0.960898	1
cg06948294	STXBP6;STXBP6	0.096533	0.518845	0.828065	-1.20763	0.337509	1.33007	1.33007	0.818671	1.06849	1.06849	0.0573914	1.85903	1.85903	0.432757	0.793786	-1.25979	0.636736	1.14709	1.14709	0.105855	1.66455	1.66455	0.0144162	2.38673	2.38673	0.0390661	1.99166	1.99166	2.60036	3.42718	1.17152	1
cg22891674	CXCL14	0.0965334	0.67895	1.07948	1.07948	0.00671045	1.908	1.908	0.41916	1.1638	1.1638	0.475721	0.875229	-1.14256	0.950915	0.988751	-1.01138	0.751376	1.06015	1.06015	0.411735	1.16676	1.16676	0.0549681	0.670386	-1.49168	0.247489	1.24881	1.24881	2.60036	1.39066	0.475374	1
cg23250288	ABCD3;ABCD3	0.0965342	0.582022	0.768991	-1.30041	0.195551	1.97741	1.97741	0.0351997	3.95342	3.95342	0.701519	1.19832	1.19832	0.124655	0.426885	-2.34255	?	?	?	?	?	?	0.0560692	0.310137	-3.22438	0.698525	0.832877	-1.20066	4.07013	9.53331	1.33844	1
cg07665718	HSH2D;RAB8A	0.096536	0.741374	1.29029	1.29029	0.0410248	0.162913	-6.13825	0.936645	1.06309	1.06309	0.776562	1.24479	1.24479	0.0139987	0.0967937	-10.3312	0.845235	0.860369	-1.16229	0.0164152	0.104682	-9.55278	0.679488	0.726355	-1.37674	0.579857	0.650304	-1.53774	2.60033	24.389	8.33708	1
cg11368281	ZNF302;ZNF302	0.0965425	0.822971	0.909634	-1.09934	0.749922	1.14473	1.14473	0.991284	1.00463	1.00463	0.698558	1.17879	1.17879	0.0297297	0.339121	-2.9488	0.677848	1.19312	1.19312	0.26983	0.61528	-1.62528	0.969339	0.983885	-1.01638	0.00497486	0.207724	-4.81408	2.60025	7.35751	2.51514	1
cg05296608	INPP5A	0.0965435	0.642971	1.08298	1.08298	0.242388	0.81145	-1.23236	0.170593	0.779427	-1.28299	0.84795	1.03332	1.03332	0.476892	0.883813	-1.13146	0.891241	0.976908	-1.02364	0.00899809	1.76328	1.76328	0.206719	1.25534	1.25534	0.137379	0.760912	-1.31421	2.60024	1.20095	0.410541	1
cg26050864	G0S2	0.0965441	0.557588	0.681581	-1.46718	0.0453973	4.40793	4.40793	0.631743	1.36631	1.36631	0.424088	0.589976	-1.69498	0.128711	0.346019	-2.89002	0.0210719	6.00894	6.00894	0.547775	1.48165	1.48165	0.183912	0.40206	-2.48719	0.354341	1.85132	1.85132	2.60024	17.2049	5.88148	1
cg06862374	WNT6	0.0965466	0.380399	0.337885	-2.95958	0.134971	6.98154	6.98154	0.139278	6.81331	6.81331	0.0188271	30.9257	30.9257	0.883999	0.838571	-1.19251	0.421854	2.68977	2.68977	0.530877	2.15013	2.15013	0.963549	0.94638	-1.05666	0.0123899	42.6962	42.6962	2.60021	59.889	20.4732	1
cg03055021	FHAD1	0.0965473	0.690239	0.853283	-1.17194	0.244992	0.617746	-1.61879	0.00532834	0.233608	-4.28067	0.328077	0.67043	-1.49158	0.748206	0.880236	-1.13606	0.379969	1.42862	1.42862	0.0370669	0.383316	-2.60881	0.267944	0.633146	-1.57941	0.198675	0.583923	-1.71255	2.6002	6.46035	2.2085	1
cg07401378	C13orf36	0.0965501	0.661014	0.81803	-1.22245	0.380596	1.50588	1.50588	0.603394	1.26944	1.26944	0.541386	0.754719	-1.325	0.551629	0.760221	-1.31541	0.450034	0.704441	-1.41957	0.40188	0.676704	-1.47775	0.00312074	6.29558	6.29558	0.456988	1.4117	1.4117	2.60017	8.53219	2.9168	1
cg08664247	PLCD1;PLCD1;PLCD1	0.0965506	0.0519686	2.49291	2.49291	0.597863	1.24596	1.24596	0.0452269	2.58336	2.58336	0.0807879	2.22544	2.22544	0.196958	1.75687	1.75687	0.865379	1.07261	1.07261	0.153485	0.531856	-1.88021	0.52783	1.30245	1.30245	0.027855	2.92638	2.92638	2.60016	7.02831	2.40269	1
cg06714086	CSTF3;CSTF3;CSTF3	0.09656	0.137991	1.1355	1.1355	0.178726	0.892562	-1.12037	0.368296	0.929117	-1.07629	0.912591	0.991302	-1.00877	0.0166863	1.26174	1.26174	0.882672	0.98832	-1.01182	0.279339	1.09361	1.09361	0.154922	1.12875	1.12875	0.0558199	1.18813	1.18813	2.6001	0.260662	0.089112	1
ch.12.206169F	ATN1;ATN1	0.0965561	0.0433201	0.508084	-1.96818	0.22741	1.44654	1.44654	0.345025	1.32757	1.32757	0.0994871	0.59094	-1.69222	0.175369	0.657144	-1.52174	0.594698	1.16935	1.16935	0.918932	0.970775	-1.0301	0.274699	0.718127	-1.39251	0.0485017	1.92836	1.92836	2.6001	3.49532	1.19494	1
cg15592816	UBIAD1	0.0965568	0.0951756	0.331262	-3.01876	0.00795768	0.128709	-7.76948	0.347751	0.558465	-1.79062	0.53701	1.45744	1.45744	0.0855939	0.318219	-3.14249	0.505933	1.50186	1.50186	0.233956	0.471474	-2.12101	0.133016	0.376562	-2.65561	0.166815	0.411401	-2.43072	2.60009	14.9527	5.11185	1
cg01192140	PRR16	0.0965573	0.956215	1.00875	1.00875	0.802259	0.960947	-1.04064	0.0447916	0.69373	-1.44148	0.167054	0.79148	-1.26346	0.0186987	0.636073	-1.57215	0.186402	0.800612	-1.24904	0.0690206	1.38128	1.38128	0.917127	1.01666	1.01666	0.431924	0.880439	-1.1358	2.60008	1.03786	0.354814	1
cg08904369	UNC93A;UNC93A	0.0965576	0.449675	0.899594	-1.11161	0.26112	1.17466	1.17466	0.0518234	0.737896	-1.3552	0.451638	1.11109	1.11109	0.235002	1.18646	1.18646	0.92911	0.987852	-1.0123	0.0148996	1.50882	1.50882	0.211125	0.83446	-1.19838	0.533205	1.09056	1.09056	2.60008	0.77696	0.265619	1
cg22682201	APOBEC2	0.0965589	0.127147	1.63185	1.63185	0.713291	1.11578	1.11578	0.0861603	0.569598	-1.75563	0.364674	1.31851	1.31851	0.348419	1.33184	1.33184	0.181847	1.52298	1.52298	0.0210246	0.438683	-2.27955	0.199369	0.668642	-1.49557	0.956277	1.01641	1.01641	2.60006	3.62853	1.24049	1
cg24242429	LIG4;LIG4;LIG4	0.09656	0.895218	1.01474	1.01474	0.723949	1.04017	1.04017	0.168619	1.17693	1.17693	0.6601	0.95204	-1.05038	0.60352	1.05991	1.05991	0.723538	0.961324	-1.04023	0.00384218	0.648762	-1.5414	0.294173	1.12844	1.12844	0.397542	0.908279	-1.10098	2.60005	0.507877	0.17363	1
cg00234294	TRIM56	0.0965604	0.067544	1.57148	1.57148	0.37184	1.22429	1.22429	0.848344	1.04316	1.04316	0.87487	1.03539	1.03539	0.625778	0.897206	-1.11457	0.304972	1.26421	1.26421	0.00263264	2.50628	2.50628	0.500836	1.16276	1.16276	0.569023	1.13545	1.13545	2.60005	2.00577	0.685721	1
cg22300282	C6orf155	0.0965606	0.868899	0.980427	-1.01996	0.021802	0.719338	-1.39017	0.0535624	1.29997	1.29997	0.245317	0.864662	-1.15652	0.837141	0.975671	-1.02494	0.277683	0.873639	-1.14464	0.209603	0.853646	-1.17145	0.171697	1.19019	1.19019	0.338914	1.12519	1.12519	2.60004	0.589656	0.201588	1
cg06339752	TMCO7	0.0965615	0.782143	1.04529	1.04529	0.454322	1.12951	1.12951	0.0343942	1.48334	1.48334	0.251169	0.825653	-1.21116	0.964132	0.99284	-1.00721	0.047671	0.696366	-1.43603	0.278427	0.835196	-1.19732	0.319874	1.17851	1.17851	0.0632872	1.39619	1.39619	2.60004	1.05145	0.359464	1
cg20449228	CLTB;CLTB	0.096562	0.106194	0.810339	-1.23405	0.868239	1.01999	1.01999	0.946345	1.00805	1.00805	0.230437	0.86074	-1.16179	0.597795	1.06552	1.06552	0.240054	0.863617	-1.15792	0.00515037	0.643807	-1.55326	0.711179	1.04533	1.04533	0.27891	1.14361	1.14361	2.60003	0.585046	0.200014	1
cg22518696	LPHN2	0.0965621	0.589101	0.912707	-1.09564	0.395929	1.15675	1.15675	0.437444	1.14188	1.14188	0.283782	1.20505	1.20505	0.215532	0.803851	-1.24401	0.0491149	0.686447	-1.45678	0.994603	1.00113	1.00113	0.157662	1.28796	1.28796	0.0174823	1.62337	1.62337	2.60003	1.15529	0.394966	1
cg21539371	ARF1;ARF1;ARF1;ARF1	0.0965627	0.689218	1.23533	1.23533	0.639918	0.780537	-1.28117	0.351288	1.65887	1.65887	0.0333237	0.262045	-3.81613	0.427323	1.53278	1.53278	?	?	?	0.0229582	0.22983	-4.35104	0.48179	1.45719	1.45719	0.112725	0.398927	-2.50672	2.79664	10.6354	3.32755	1
cg08311935	ANKRD11	0.0965648	0.26273	2.1373	2.1373	0.00822567	9.01498	9.01498	0.0385105	4.75567	4.75567	0.160351	2.65273	2.65273	0.367701	1.82555	1.82555	0.879423	1.10378	1.10378	0.350173	1.86922	1.86922	0.0444745	4.48683	4.48683	0.0718593	3.69559	3.69559	2.6	17.4231	5.95662	1
cg02968179	LOC440354	0.0965649	0.198313	0.88898	-1.12489	0.46537	1.06642	1.06642	0.96568	0.996283	-1.00373	0.175019	0.882623	-1.13299	0.00531018	0.727608	-1.37437	0.189172	0.886562	-1.12795	0.204361	1.12293	1.12293	0.449595	0.935482	-1.06897	0.550287	0.94903	-1.05371	2.6	0.308541	0.105484	1
cg05338155	IFIT5	0.0965674	0.601483	0.923078	-1.08333	0.935928	1.01229	1.01229	0.0269391	0.671678	-1.48881	0.46407	1.11985	1.11985	0.451797	0.890082	-1.12349	0.0123825	0.623183	-1.60466	0.756254	0.953806	-1.04843	0.0971927	0.758437	-1.3185	0.278052	1.18688	1.18688	2.59997	0.950058	0.32481	1
cg03625010	SOX5	0.0965683	0.798333	1.03351	1.03351	0.787566	1.03539	1.03539	0.284969	0.866767	-1.15371	0.84198	1.02603	1.02603	0.281155	1.15513	1.15513	0.983465	1.00267	1.00267	0.00518742	0.621882	-1.60802	0.13378	1.23145	1.23145	0.357171	1.12966	1.12966	2.59996	0.682518	0.233343	1
cg14597545	ADPGK;ADPGK;ADPGK	0.0965687	0.399142	0.707988	-1.41245	0.370206	0.692021	-1.44504	0.170654	0.55783	-1.79266	0.728006	0.869639	-1.1499	0.698947	0.85601	-1.16821	0.201857	0.583247	-1.71454	0.00398953	0.212623	-4.70316	0.732463	0.871728	-1.14715	0.0245371	0.342458	-2.92007	2.59995	6.5904	2.25317	1
ch.1.829344F	SRRM1	0.0965691	0.0121922	0.395092	-2.53106	0.201212	1.49379	1.49379	0.558468	0.838679	-1.19235	0.0355627	0.483136	-2.06981	0.200215	0.668779	-1.49526	0.109308	0.595043	-1.68055	0.399855	0.773963	-1.29205	0.440765	0.791572	-1.26331	0.64159	1.14955	1.14955	2.59995	3.63988	1.24443	1
cg17152101	KHDRBS1	0.0965714	0.828249	1.05604	1.05604	0.0320314	0.532403	-1.87828	0.148542	0.677829	-1.4753	0.472151	0.832332	-1.20144	0.88654	1.03648	1.03648	0.0143818	0.469004	-2.13218	0.228335	1.3734	1.3734	0.91024	0.972097	-1.0287	0.0915746	0.62738	-1.59393	2.59992	2.59308	0.88655	1
cg13072186	TBL1XR1	0.0965715	0.742718	0.901411	-1.10937	0.0300024	2.28173	2.28173	0.0531739	2.02566	2.02566	0.82714	1.07132	1.07132	0.108149	0.571469	-1.74988	0.104728	0.567679	-1.76156	0.637306	0.860942	-1.16152	0.332186	1.37241	1.37241	0.337583	0.731395	-1.36725	2.76861	4.25747	1.19604	1
cg19900371	FERMT2;FERMT2;FERMT2	0.0965738	0.11548	3.16502	3.16502	0.0322176	0.15697	-6.37064	0.362498	0.554235	-1.80429	?	?	?	?	?	?	0.257963	2.13263	2.13263	?	?	?	?	?	?	0.75515	1.21161	1.21161	4.14448	11.8709	2.29141	1
cg13865347	COL5A1	0.0965747	0.821342	0.892737	-1.12015	0.010322	5.05846	5.05846	0.429045	1.49928	1.49928	0.771677	0.864191	-1.15715	0.0925972	0.395169	-2.53056	0.903745	0.941116	-1.06257	0.200107	0.507139	-1.97185	0.0953428	0.398831	-2.50733	0.844401	1.1036	1.1036	2.59988	10.3619	3.54271	1
cg15593337	ALKBH3	0.0965747	0.861714	0.960653	-1.04096	0.780069	1.06657	1.06657	0.50102	0.854494	-1.17028	0.415535	1.21119	1.21119	0.781132	1.06623	1.06623	0.595179	1.13142	1.13142	0.00209194	0.369063	-2.70956	0.63599	0.896038	-1.11602	0.839724	0.954447	-1.04773	2.59988	2.18268	0.746247	1
cg01425807	PMS2L11	0.0965774	0.280878	1.19285	1.19285	0.932654	0.98679	-1.01339	0.349581	0.859419	-1.16358	0.951779	0.99053	-1.00956	0.253162	0.828801	-1.20656	0.00526732	0.560537	-1.784	0.216863	1.22684	1.22684	0.436328	1.13308	1.13308	0.470544	1.12243	1.12243	2.59985	1.01929	0.348496	1
cg04985146	MRPL12	0.0965792	0.892923	1.02492	1.02492	0.589747	0.905312	-1.10459	0.0826238	1.42088	1.42088	0.137742	0.746709	-1.33921	0.173967	0.767735	-1.30253	0.0566565	0.674187	-1.48327	0.0141343	0.575	-1.73913	0.799551	0.954567	-1.0476	0.473339	0.875228	-1.14256	2.59983	1.37499	0.470112	1
cg16511076	OCIAD2;OCIAD2	0.0965795	0.196046	1.59765	1.59765	0.359147	0.723888	-1.38143	0.028338	0.411874	-2.42793	0.300273	1.44463	1.44463	0.365971	0.72738	-1.3748	0.636199	0.849344	-1.17738	0.0573976	2.08879	2.08879	0.807443	0.919724	-1.08728	0.0804721	0.514568	-1.94338	2.59983	4.83572	1.65335	1
cg11626007	WFDC5	0.0965806	0.356221	1.33625	1.33625	0.19862	1.51431	1.51431	0.660569	1.14451	1.14451	0.0630896	0.528037	-1.89381	0.165199	0.636237	-1.57174	0.965883	0.98702	-1.01315	0.98486	0.99422	-1.00581	0.0108708	2.65591	2.65591	0.45595	1.26104	1.26104	2.59981	3.84188	1.31356	1
cg14408505	MLX;MLX;MLX	0.0965854	0.0144377	0.514475	-1.94373	0.407385	1.20543	1.20543	0.601249	0.890256	-1.12327	0.107542	0.678951	-1.47286	0.0872724	0.659533	-1.51623	0.0719995	0.642269	-1.55698	0.0821025	0.653992	-1.52907	0.625607	1.1145	1.1145	0.779945	1.06369	1.06369	2.59976	2.00115	0.684218	1
cg02548364	MT1H	0.0965857	0.0820887	6.26573	6.26573	0.117191	5.05901	5.05901	0.227685	3.34117	3.34117	0.138282	4.57322	4.57322	0.0511074	8.2996	8.2996	0.295286	2.81211	2.81211	0.024196	12.9366	12.9366	0.022743	13.4253	13.4253	0.0449731	8.95164	8.95164	2.59976	37.365	12.7756	1
cg02772099	FAM53B	0.0965859	0.0344092	0.307469	-3.25236	0.35659	1.5734	1.5734	0.940463	1.03635	1.03635	0.420575	0.674807	-1.48191	0.045645	0.334399	-2.99044	0.0779871	2.55012	2.55012	0.139796	2.13712	2.13712	0.792267	0.881465	-1.13447	0.420753	0.674913	-1.48167	2.59975	9.40791	3.21668	1
cg06020238	FZD8	0.0965876	0.365415	0.784795	-1.27422	0.311143	0.761045	-1.31398	0.480294	0.829469	-1.20559	0.389551	0.794718	-1.25831	0.732745	0.914554	-1.09343	0.388057	1.25927	1.25927	0.405228	0.800988	-1.24846	0.00404786	2.73419	2.73419	0.95869	1.01359	1.01359	2.59973	2.79588	0.955955	1
cg08240860	SUMO3	0.0965877	0.867625	0.947187	-1.05576	0.860845	1.05873	1.05873	0.255603	1.47112	1.47112	0.394109	1.32832	1.32832	0.00296688	0.265438	-3.76735	0.855515	0.942437	-1.06108	0.673713	1.14768	1.14768	0.804437	1.08404	1.08404	0.331586	0.72193	-1.38518	2.59973	4.35604	1.4894	1
cg23731267	COL14A1	0.096588	0.391714	0.586443	-1.7052	0.364728	1.76195	1.76195	0.0370119	0.229256	-4.36194	0.560662	0.699203	-1.4302	0.0502742	0.257376	-3.88536	0.0202273	0.182139	-5.49031	0.15726	0.398579	-2.50892	0.838224	0.883091	-1.13239	0.0583591	0.27229	-3.67255	2.59973	15.2286	5.20691	1
cg12615880	SOX15	0.096588	0.0419541	2.66332	2.66332	0.0690257	2.34028	2.34028	0.321275	1.53455	1.53455	0.167345	1.84985	1.84985	0.0101678	3.87504	3.87504	0.445315	1.38424	1.38424	0.0767776	2.27623	2.27623	0.0987812	2.13068	2.13068	0.0671539	2.35709	2.35709	2.59973	7.19081	2.45865	1
cg01555705	CX3CL1	0.0965891	0.0170232	0.279508	-3.57771	0.898576	1.05746	1.05746	0.0604671	0.395542	-2.52818	0.576951	0.781213	-1.28006	0.0778393	0.423776	-2.35974	0.756256	0.87248	-1.14616	0.961893	1.02115	1.02115	0.0159854	0.274645	-3.64107	0.196882	0.550047	-1.81803	2.59972	7.90333	2.70229	1
cg05013942	DDX52;DDX52	0.0965926	0.104312	0.781975	-1.27881	0.970765	1.00509	1.00509	0.956151	1.00764	1.00764	0.729888	1.04918	1.04918	0.245302	0.845088	-1.18331	0.0347397	0.711131	-1.40621	0.00797463	0.624356	-1.60165	0.575816	1.08144	1.08144	0.687799	1.05754	1.05754	2.59968	0.789806	0.270053	1
cg13153466	ASAM	0.096599	0.0594456	0.249819	-4.00289	0.0728317	0.271285	-3.68616	0.435917	0.595599	-1.67898	0.22644	0.436932	-2.28868	0.012642	0.132525	-7.54577	0.610341	1.398	1.398	0.20304	2.40131	2.40131	0.712855	1.27249	1.27249	0.959538	0.967466	-1.03363	2.5996	17.4982	5.98319	1
cg17691334	RAG2;C11orf74	0.0966033	0.0666703	0.305191	-3.27663	0.159282	0.419713	-2.38258	0.869962	0.909769	-1.09918	0.510849	1.46952	1.46952	0.635397	1.31743	1.31743	0.412447	1.622	1.622	0.00881082	0.145878	-6.85504	0.835384	1.12761	1.12761	0.247013	2.01105	2.01105	2.59955	13.7157	4.68993	1
cg13897882	SYK;SYK;SYK;SYK	0.0966067	0.88311	1.05343	1.05343	0.311714	0.690535	-1.44815	0.267101	0.664271	-1.50541	0.960214	0.982505	-1.01781	0.177716	0.602433	-1.65994	0.472658	1.29492	1.29492	0.00559264	0.276006	-3.62311	0.0636947	0.478272	-2.09086	0.111279	0.54131	-1.84737	2.59951	5.15389	1.76234	1
cg07108512	INPP5A	0.0966069	0.517905	1.1912	1.1912	0.0178347	2.15689	2.15689	0.0603957	1.75986	1.75986	0.739484	0.914779	-1.09316	0.689611	1.1131	1.1131	0.883364	0.961576	-1.03996	0.569233	1.16595	1.16595	0.291644	0.746734	-1.33916	0.0468303	0.544763	-1.83566	2.59951	2.93293	1.0029	1
cg18351448	PARD3	0.0966116	0.719188	0.947142	-1.05581	0.0192858	1.53069	1.53069	0.463217	1.11886	1.11886	0.060906	1.37402	1.37402	0.355765	1.15359	1.15359	0.443599	0.889153	-1.12467	0.0142222	1.576	1.576	0.905066	0.982214	-1.01811	0.423757	1.13075	1.13075	2.59946	0.931403	0.318495	1
cg25885803	MADD;MADD;NR1H3;MADD;MADD;MADD;MADD;MADD;MADD;NR1H3;NR1H3;MADD;MADD	0.0966126	0.631169	0.854465	-1.17032	0.0728258	1.91688	1.91688	0.299031	0.704698	-1.41905	0.500815	0.800769	-1.2488	0.0256343	0.4223	-2.36799	0.24698	1.48234	1.48234	0.472934	1.2679	1.2679	0.0522831	2.04977	2.04977	0.680914	1.1439	1.1439	2.59945	4.35267	1.48841	1
cg23113826	LIPI	0.0966132	0.202148	1.31604	1.31604	0.168578	0.741428	-1.34875	0.0390731	0.614452	-1.62747	0.857245	1.0374	1.0374	0.249501	1.27818	1.27818	0.729081	0.931551	-1.07348	0.0475745	0.629966	-1.58739	0.0896233	1.46464	1.46464	0.859987	1.03666	1.03666	2.59944	1.7121	0.585458	1
cg00156001	BRD1	0.096614	0.629303	0.796185	-1.25599	0.0311262	3.27218	3.27218	0.0240098	3.53101	3.53101	0.937765	1.03727	1.03727	0.285838	0.594864	-1.68106	0.512102	0.732297	-1.36557	0.10109	0.43112	-2.31954	0.27486	1.70296	1.70296	0.953125	0.972829	-1.02793	2.59943	9.04012	3.09132	1
cg18204017	PPARD;PPARD	0.0966143	0.433741	1.186	1.186	0.181671	1.35362	1.35362	0.55917	1.13444	1.13444	0.00880758	2.03868	2.03868	0.543771	1.14023	1.14023	0.534089	1.14394	1.14394	0.565611	0.883353	-1.13205	0.0395899	0.601528	-1.66243	0.654383	1.10102	1.10102	2.59943	1.87762	0.642063	1
cg13786209	POLD1	0.0966177	0.800887	0.934838	-1.0697	0.210755	0.703554	-1.42136	0.0224613	0.482373	-2.07309	0.610087	1.14698	1.14698	0.154974	1.50056	1.50056	0.0210486	0.477137	-2.09583	0.337703	1.30152	1.30152	0.809798	1.06641	1.06641	0.669009	0.891659	-1.1215	2.59939	2.92697	1.00091	1
cg03132166	FAM83F	0.0966196	0.0594313	10.9416	10.9416	0.104497	7.35538	7.35538	0.141751	5.90907	5.90907	0.0918325	8.06091	8.06091	0.544672	1.99255	1.99255	0.163892	5.31453	5.31453	0.0129747	32.0431	32.0431	0.0444895	13.3938	13.3938	0.0523693	11.9525	11.9525	2.59937	52.0544	17.8007	1
cg19816367	MEGF6	0.09662	0.0261258	0.21294	-4.69615	0.0676999	0.301357	-3.31833	0.0447619	0.259207	-3.85793	0.0992382	0.346771	-2.88375	0.0385962	0.24559	-4.07183	0.210174	0.461211	-2.1682	0.0800158	0.320354	-3.12155	0.0445026	0.258659	-3.86609	0.334656	0.558156	-1.79161	2.59936	14.1394	4.83517	1
cg06531741	HTR3B	0.0966201	0.0457853	0.215484	-4.64072	0.0475496	4.56826	4.56826	0.554385	1.49312	1.49312	0.218976	0.420375	-2.37883	0.0600099	0.241175	-4.14637	0.487718	0.623382	-1.60415	0.120014	0.322843	-3.09749	0.167898	0.373368	-2.67832	0.769882	0.821496	-1.21729	2.59936	18.4983	6.32575	1
cg23775119	IFT88;IFT88	0.0966342	0.180872	1.29125	1.29125	0.338466	0.83734	-1.19426	0.71705	1.06767	1.06767	0.00738356	0.537362	-1.86094	0.971627	0.993621	-1.00642	0.225447	1.2574	1.2574	0.111917	1.36541	1.36541	0.811348	1.04396	1.04396	0.747814	1.05976	1.05976	2.5992	1.33255	0.455713	1
cg19018155	OSM;OSM	0.0966386	0.109745	0.494165	-2.02362	0.252988	0.617115	-1.62044	0.212383	0.587999	-1.70068	0.100936	0.483699	-2.0674	0.0186499	0.31573	-3.16727	0.345202	0.674993	-1.4815	0.731371	0.869947	-1.1495	0.010111	0.269306	-3.71325	0.0775597	0.452411	-2.21038	2.59915	6.72841	2.30107	1
cg08539251	EPHB2;EPHB2	0.0966388	0.60351	0.936558	-1.06774	0.00731184	1.54131	1.54131	0.441161	1.10324	1.10324	0.0524809	1.31762	1.31762	0.517628	0.92122	-1.08552	0.115992	1.23825	1.23825	0.166575	1.20262	1.20262	0.617519	0.938964	-1.065	0.675073	1.05415	1.05415	2.59914	0.644145	0.220293	1
cg07070113	C17orf55	0.096641	0.697828	0.917618	-1.08978	0.278896	0.780295	-1.28157	0.00482263	0.438682	-2.27956	0.215222	1.33304	1.33304	0.699267	1.0893	1.0893	0.271083	0.776868	-1.28722	0.568674	1.13536	1.13536	0.279452	0.780536	-1.28117	0.413344	1.20236	1.20236	2.59912	1.99881	0.683586	1
cg25249241	MPZL2	0.0966428	0.0817364	0.29724	-3.36428	0.0295922	0.199715	-5.00713	0.031399	0.204416	-4.89199	0.566083	0.694331	-1.44023	0.10532	0.328598	-3.04324	0.73514	0.807714	-1.23806	0.0202478	0.171925	-5.81647	0.0949126	0.315304	-3.17154	0.156186	0.385179	-2.5962	2.5991	16.2817	5.56833	1
cg09268453	GRB10	0.096645	0.0650164	1.9037	1.9037	0.09499	1.76847	1.76847	0.545112	1.20961	1.20961	0.307578	1.38845	1.38845	0.244862	0.685227	-1.45937	0.312265	1.38376	1.38376	0.0540151	0.506817	-1.9731	0.0761675	1.84621	1.84621	0.488094	0.803419	-1.24468	2.59907	3.97455	1.3593	1
cg03000116	LOC283867	0.0966458	0.322591	0.81053	-1.23376	0.255095	0.783265	-1.27671	0.216074	0.765175	-1.30689	0.841267	0.959612	-1.04209	0.632088	1.10426	1.10426	0.29906	1.24767	1.24767	0.00497123	2.14794	2.14794	0.781927	1.05871	1.05871	0.545367	0.881768	-1.13409	2.59906	1.73991	0.595057	1
cg25915434	ASCL2	0.0966488	0.171448	1.34751	1.34751	0.00760974	2.01989	2.01989	0.325725	1.23105	1.23105	0.696139	0.922749	-1.08372	0.280556	1.25831	1.25831	0.339985	1.22318	1.22318	0.212881	0.764339	-1.30832	0.053306	1.56786	1.56786	0.363568	1.2108	1.2108	2.59903	1.72734	0.590764	1
cg10500733	TOLLIP	0.0966535	0.806708	1.10826	1.10826	0.0105437	3.85417	3.85417	0.0224431	3.14762	3.14762	0.0781469	2.27194	2.27194	0.644828	0.823144	-1.21485	0.284912	1.59319	1.59319	0.722203	0.860985	-1.16146	0.3925	1.44384	1.44384	0.702668	0.851451	-1.17447	2.59898	7.23677	2.47509	1
cg09937438	C7orf50;C7orf50;C7orf50	0.0966563	0.111075	2.62734	2.62734	0.631298	0.764091	-1.30874	0.1772	0.450171	-2.22138	0.0501715	3.46453	3.46453	0.845361	0.897032	-1.11479	0.244412	1.96926	1.96926	0.180984	2.2042	2.2042	0.0434667	3.64058	3.64058	0.0474961	3.53075	3.53075	2.59894	12.7463	4.35948	1
cg05501584	ST8SIA2	0.096658	0.663162	0.703678	-1.4211	0.0317127	7.53312	7.53312	0.696116	0.72997	-1.36992	0.633413	1.47006	1.47006	0.116976	0.255223	-3.91814	0.534629	0.603935	-1.65581	0.0204162	0.106374	-9.40077	0.197773	2.9792	2.9792	0.890317	1.117	1.117	2.59892	26.4686	9.05284	1
cg06751583	TNRC6B	0.096659	0.0625306	0.736956	-1.35693	0.158563	1.24541	1.24541	0.165444	1.24038	1.24038	0.735806	1.05055	1.05055	0.716719	0.948322	-1.05449	0.0282987	1.45796	1.45796	0.934839	0.988164	-1.01198	0.382791	0.877807	-1.1392	0.102647	0.771015	-1.29699	2.59891	0.872772	0.298509	1
cg19404896	PSMA5	0.0966594	0.356439	1.30895	1.30895	0.653323	0.879565	-1.13693	0.0538272	0.53719	-1.86154	0.787812	0.926285	-1.07958	0.223986	1.43706	1.43706	0.812846	0.934896	-1.06964	0.0089467	0.389148	-2.56971	0.282569	1.37291	1.37291	0.417726	0.790526	-1.26498	2.59891	3.31616	1.13421	1
cg20738996	TLK1;TLK1;TLK1	0.0966614	0.263675	0.612427	-1.63285	0.0623151	0.413547	-2.41811	0.0695401	0.425604	-2.3496	0.322126	1.53789	1.53789	0.0222608	0.315703	-3.16754	0.808761	1.10742	1.10742	0.174268	1.83709	1.83709	0.503096	1.33106	1.33106	0.765092	0.881526	-1.1344	2.59888	7.28896	2.49302	1
cg15848628	MOSPD3;MOSPD3;MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.0966617	0.488746	0.482626	-2.072	0.439709	2.26319	2.26319	0.817793	1.26938	1.26938	0.437409	0.439957	-2.27295	0.0314446	0.0689489	-14.5035	0.0134323	0.0378719	-26.4048	0.736586	1.41774	1.41774	0.341164	2.76832	2.76832	0.213039	3.91953	3.91953	2.76743	45.8166	12.8766	1
cg02965295	ANKRD44	0.0966621	0.0462866	0.195822	-5.10667	0.0385074	0.180471	-5.54107	0.154326	0.336546	-2.97136	0.237065	0.412827	-2.42232	0.0210507	0.137796	-7.25709	0.180545	0.362203	-2.76088	0.0175868	0.127041	-7.87151	0.318283	0.478681	-2.08907	0.255826	0.428609	-2.33313	2.59888	20.9963	7.18133	1
cg21208518	PADI1	0.096665	0.210303	0.496286	-2.01497	0.0410499	0.286168	-3.49446	0.0266291	0.247995	-4.03234	0.120109	0.40867	-2.44696	0.049684	0.30475	-3.28138	0.16798	0.458485	-2.1811	0.0165992	0.21169	-4.7239	0.540812	0.719942	-1.389	0.174297	0.464426	-2.15319	2.59884	11.5929	3.96514	1
cg11989011	SLC37A2;SLC37A2	0.0966652	0.114457	0.809126	-1.2359	0.565722	1.07426	1.07426	0.396427	0.898405	-1.11308	0.662112	1.05575	1.05575	0.334235	0.884384	-1.13073	0.00524474	0.634926	-1.57499	0.480892	1.09242	1.09242	0.0921497	0.795563	-1.25697	0.35745	0.889804	-1.12384	2.59884	0.626439	0.214263	1
cg16717398	TEAD3	0.0966668	0.0201721	0.56762	-1.76174	0.550928	0.885195	-1.12969	0.861865	1.03583	1.03583	0.317125	0.811386	-1.23246	0.471102	0.862284	-1.15971	0.0827054	0.678146	-1.47461	0.915387	0.978749	-1.02171	0.0406194	1.61254	1.61254	0.270501	1.26097	1.26097	2.59882	1.68131	0.575068	1
cg07103517	IKZF1	0.0966675	0.570932	1.24033	1.24033	0.338359	1.44944	1.44944	0.0109947	0.301227	-3.31976	0.813956	1.09271	1.09271	0.629062	0.832718	-1.20089	0.348791	1.4373	1.4373	0.0371163	2.48484	2.48484	0.248029	1.57489	1.57489	0.549305	1.25592	1.25592	2.59881	5.82186	1.99129	1
cg05015495	ANKRD32	0.0966679	0.0448046	0.273523	-3.656	0.546688	1.40962	1.40962	0.636162	0.764736	-1.30764	0.269358	0.523383	-1.91065	0.0200324	0.206063	-4.85288	0.236449	0.497462	-2.01021	0.0377131	0.257527	-3.88308	0.496283	1.47523	1.47523	0.0887188	0.347542	-2.87735	2.59881	13.0397	4.46007	1
cg08718050	SHANK2	0.0966698	0.299749	0.447624	-2.23402	0.0500043	0.187926	-5.32124	0.044281	0.177611	-5.63027	0.0413055	5.81519	5.81519	0.680682	0.733806	-1.36276	0.827188	1.17766	1.17766	0.221178	0.382164	-2.61668	0.402062	0.526525	-1.89924	0.281	2.312	2.312	2.59879	23.0263	7.87593	1
cg18437633	ITGB6	0.0966724	0.211874	0.53689	-1.86258	0.336792	0.626023	-1.59739	0.947395	0.969276	-1.0317	0.226883	0.548796	-1.82217	0.0786837	0.397091	-2.51831	0.95903	1.02459	1.02459	0.0176053	3.91932	3.91932	0.101108	2.33756	2.33756	0.693763	0.82931	-1.20582	2.59876	9.20597	3.14884	1
cg04021745	ERO1LB	0.0966736	0.585221	1.28334	1.28334	0.894292	1.06202	1.06202	0.340296	1.56024	1.56024	0.468096	1.3968	1.3968	0.181043	0.525815	-1.90181	?	?	?	0.0247021	3.35542	3.35542	0.0143555	3.92065	3.92065	0.28581	1.65166	1.65166	2.62783	7.58003	2.88452	1
cg20169779	SYCE1	0.0966749	0.406809	1.41132	1.41132	0.411948	1.40578	1.40578	0.733473	0.870433	-1.14885	0.800054	0.902091	-1.10854	0.216788	1.69493	1.69493	0.00736566	0.246063	-4.064	0.105855	2.04858	2.04858	0.619863	0.816264	-1.22509	0.285956	0.637684	-1.56817	2.59873	6.78423	2.32053	1
cg12995410	ZBTB2	0.0966753	0.32623	0.889284	-1.1245	0.0558761	1.28499	1.28499	0.124905	1.21203	1.21203	0.105758	1.22697	1.22697	0.482364	0.920668	-1.08617	0.569384	1.06883	1.06883	0.0649549	0.786695	-1.27114	0.110347	0.817558	-1.22315	0.879201	0.982548	-1.01776	2.59872	0.551565	0.188662	1
cg22416916	SLC22A1;SLC22A1	0.0966789	0.100312	0.146959	-6.80464	0.340861	0.351541	-2.84462	0.0812128	0.127588	-7.83773	0.0730375	0.11889	-8.41115	0.0221773	0.0538951	-18.5546	0.0482362	0.0903249	-11.0711	0.0258447	0.0597055	-16.7489	0.725958	0.687417	-1.45472	0.10026	0.146908	-6.80699	2.59868	46.6914	15.971	1
cg01038640	C5orf52	0.0966819	0.084935	0.272717	-3.6668	0.08874	3.59869	3.59869	0.66803	0.745086	-1.34213	0.104098	0.297606	-3.36015	0.0429791	0.20423	-4.89644	0.0946747	0.2857	-3.50018	0.105029	0.298752	-3.34726	0.559679	1.49528	1.49528	0.854289	1.13359	1.13359	2.59865	19.1459	6.54901	1
cg16472356	SRP19	0.0966907	0.969932	0.995439	-1.00458	0.00732068	0.657442	-1.52105	0.378318	0.896159	-1.11587	0.106144	0.807315	-1.23867	0.0379148	0.746809	-1.33903	0.547743	1.07658	1.07658	0.561786	0.931318	-1.07375	0.0791663	0.789459	-1.26669	0.39395	0.899503	-1.11172	2.59855	0.605482	0.207118	1
cg14910854	LOC150776	0.0966907	0.0977265	0.658878	-1.51773	0.579517	0.879391	-1.13715	0.689881	0.91201	-1.09648	0.296774	0.780035	-1.28199	0.0107173	0.47881	-2.08851	0.0202306	0.525706	-1.9022	0.389885	0.816824	-1.22425	0.608189	1.12608	1.12608	0.0743607	0.633459	-1.57863	2.59855	2.17026	0.742384	1
cg09852199	ZC3H11A;ZC3H11A	0.0966921	0.339559	0.840417	-1.18989	0.154299	1.30909	1.30909	0.814872	1.0423	1.0423	0.33209	0.838002	-1.19331	0.544151	0.89724	-1.11453	0.846402	0.966326	-1.03485	0.00339921	0.494959	-2.02037	0.256316	0.81117	-1.23279	0.796582	0.9554	-1.04668	2.59853	1.28387	0.43918	1
cg16558253	DHX38	0.0966931	0.170589	0.453256	-2.20626	0.610802	1.3209	1.3209	0.590703	1.34233	1.34233	0.335347	0.583495	-1.71381	0.00564316	0.139505	-7.16821	0.0314316	0.254493	-3.92938	0.82628	0.887639	-1.12658	0.491032	0.684338	-1.46127	0.341386	0.587653	-1.70168	2.59852	12.101	4.13946	1
cg09209803	ITPR3	0.0966934	0.134616	0.831714	-1.20234	0.61278	1.06003	1.06003	0.0545241	0.77945	-1.28296	0.0212148	0.728745	-1.37222	0.791932	1.03066	1.03066	0.0636107	0.788028	-1.26899	0.168275	0.845593	-1.1826	0.178391	0.849312	-1.17742	0.043581	0.767163	-1.3035	2.59852	0.537004	0.183696	1
cg02696790	RPP25	0.0966976	0.66296	0.571402	-1.75008	0.0262105	28.9531	28.9531	0.115303	8.89114	8.89114	0.103127	9.73135	9.73135	0.925635	0.88768	-1.12653	0.0506445	17.1547	17.1547	0.0175064	40.0634	40.0634	0.351664	3.39822	3.39822	0.892312	1.1887	1.1887	2.59847	67.0283	22.9292	1
cg13425960	ZNF473;ZNF473	0.0966982	0.869623	1.07802	1.07802	0.0700327	2.52527	2.52527	0.0624065	2.60954	2.60954	0.105271	2.24658	2.24658	0.416681	0.684127	-1.46172	0.553757	0.760383	-1.31513	0.193042	0.532613	-1.87754	0.0629123	2.60356	2.60356	0.0815415	2.41788	2.41788	2.59846	8.60718	2.94437	1
cg18036573	FAM133B;FAM133B	0.0967011	0.800997	1.04225	1.04225	0.257681	1.21354	1.21354	0.555256	1.10271	1.10271	0.999274	0.999851	-1.00015	0.631021	1.08252	1.08252	0.194323	0.798529	-1.2523	0.0064272	0.559444	-1.78749	0.061343	0.707929	-1.41257	0.922638	0.98421	-1.01604	2.59843	1.10489	0.377969	1
cg09069150	SORCS1;SORCS1	0.0967023	0.180411	0.723646	-1.38189	0.626108	0.894353	-1.11813	0.102294	0.665913	-1.5017	0.0220714	0.53566	-1.86686	0.006081	0.442848	-2.25811	0.326725	0.79434	-1.25891	0.111994	0.674658	-1.48223	0.599622	0.886518	-1.12801	0.325445	0.793824	-1.25972	2.59841	2.12806	0.727988	1
cg25018403	THBS2	0.0967034	0.163761	0.785567	-1.27297	0.861595	1.02846	1.02846	0.159708	0.783442	-1.27642	0.464361	0.886867	-1.12756	0.161932	0.784613	-1.27451	0.540394	1.105	1.105	0.257115	0.825789	-1.21096	0.00670955	0.554511	-1.80339	0.0370003	0.671151	-1.48998	2.76688	1.10902	0.31175	1
cg07356771	IL17RB;CHDH	0.0967057	0.160059	0.715162	-1.39829	0.65177	0.903509	-1.1068	0.0684204	1.5772	1.5772	0.277053	0.77686	-1.28723	0.148121	0.707154	-1.41412	0.403005	0.826014	-1.21063	0.0122234	0.497955	-2.00821	0.1578	0.713682	-1.40118	0.773318	1.06663	1.06663	2.59837	2.05287	0.702276	1
cg05539370	STOX2	0.0967062	0.171099	1.35956	1.35956	0.851181	1.04038	1.04038	0.224302	1.30873	1.30873	0.906747	0.975603	-1.02501	0.0298688	1.71367	1.71367	0.285153	0.791368	-1.26363	0.182779	1.34714	1.34714	0.536764	0.876482	-1.14092	0.0334115	0.592204	-1.68861	2.59837	1.82822	0.625423	1
cg03564661	IRAK3;IRAK3	0.0967072	0.278123	0.731945	-1.36622	0.0253374	0.479227	-2.08669	0.0666676	0.566119	-1.76641	0.492557	0.82461	-1.21269	0.946854	0.981724	-1.01862	0.104507	1.63393	1.63393	0.201207	1.45279	1.45279	0.224294	1.42363	1.42363	0.444084	0.805827	-1.24096	2.59836	3.15057	1.0778	1
cg09851394	C6orf127	0.096708	0.11687	0.524314	-1.90725	0.823865	0.918981	-1.08816	0.0616055	0.450243	-2.22102	0.0110463	0.29878	-3.34695	0.62131	0.828011	-1.20771	0.828739	1.08557	1.08557	0.314888	1.48274	1.48274	0.580238	0.809193	-1.2358	0.0435138	0.41486	-2.41045	2.59835	5.91149	2.02231	1
cg03023437	MOBKL3;MOBKL3;MOBKL3	0.0967089	0.0633027	0.718202	-1.39237	0.351836	1.16399	1.16399	0.0381698	1.46347	1.46347	0.129149	0.771142	-1.29678	0.0827537	0.737485	-1.35596	0.778176	1.04578	1.04578	0.343482	1.16727	1.16727	0.339211	1.16897	1.16897	0.553729	0.909427	-1.09959	2.59834	1.0337	0.353627	1
cg08678055	TBC1D21	0.0967135	0.189576	0.566746	-1.76446	0.0336492	0.362782	-2.75647	0.0171994	0.305346	-3.27497	0.430566	0.719802	-1.38927	0.123415	0.505626	-1.97775	0.873154	1.06747	1.06747	0.0324246	0.359374	-2.78262	0.104086	0.483747	-2.0672	0.857083	1.07645	1.07645	2.59828	6.87212	2.35099	1
cg22656048	DIP2C;C10orf108;C10orf108	0.0967162	0.0110681	0.307739	-3.24951	0.184164	1.68386	1.68386	0.502702	0.77755	-1.28609	0.981521	1.0086	1.0086	0.108646	0.523472	-1.91032	0.400908	0.727577	-1.37442	0.0434741	0.423648	-2.36045	0.359401	0.705701	-1.41703	0.138881	0.554742	-1.80264	2.59825	5.6302	1.92615	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18713687	MUC4;MUC4;MUC4	0.0967162	0.467179	1.45619	1.45619	0.00568141	6.31435	6.31435	0.0852853	2.62844	2.62844	0.672774	0.805906	-1.24084	0.938066	0.961294	-1.04026	0.17189	2.0933	2.0933	0.0988548	2.50737	2.50737	0.0881943	2.6005	2.6005	0.238136	1.87325	1.87325	2.59825	10.6184	3.63266	1
cg23916167	PAX5	0.0967183	0.957655	0.993734	-1.0063	0.598049	1.065	1.065	0.0258473	1.36781	1.36781	0.849962	1.02267	1.02267	0.143459	0.830196	-1.20453	0.905172	1.01421	1.01421	0.0207628	0.719274	-1.39029	0.411449	1.10452	1.10452	0.230224	1.16067	1.16067	2.59823	0.576588	0.197258	1
cg14687118	LHPP;LHPP	0.0967185	0.0623948	0.076522	-13.0681	0.0638244	0.0778549	-12.8444	0.17798	0.173092	-5.77729	0.67363	0.59507	-1.68048	0.0885787	0.100052	-9.9948	0.134735	0.138627	-7.21362	0.00806581	0.0156359	-63.9555	0.0812958	0.0936719	-10.6756	0.154344	0.154384	-6.47736	2.59823	61.7881	21.1385	1
cg23092047	HEXIM2	0.0967188	0.0226911	0.565451	-1.7685	0.535951	0.877214	-1.13997	0.56676	1.12865	1.12865	0.184616	1.34193	1.34193	0.0709263	0.65592	-1.52458	0.217353	0.762413	-1.31162	0.0621645	0.64476	-1.55096	0.85674	0.962935	-1.03849	0.0774611	0.663505	-1.50715	2.59822	1.79767	0.615009	1
cg01194444	MYOG	0.0967194	0.0372252	0.62549	-1.59875	0.130256	0.728266	-1.37312	?	?	?	0.234186	0.78508	-1.27376	0.149442	0.740894	-1.34972	0.456198	0.863085	-1.15863	0.0313989	1.63197	1.63197	0.534412	0.885075	-1.12985	0.724858	0.933732	-1.07097	2.62729	1.39241	0.52998	1
cg26926665	ALOX15B;ALOX15B;ALOX15B	0.096722	0.210914	1.95384	1.95384	0.011946	4.92247	4.92247	0.123401	2.33498	2.33498	0.0263789	3.8115	3.8115	0.293673	1.73931	1.73931	0.319964	1.68573	1.68573	0.276645	1.77707	1.77707	0.729136	0.838085	-1.1932	0.0373937	3.41237	3.41237	2.59819	10.6247	3.6349	1
cg11984719	GOPC;GOPC	0.0967256	0.180072	0.722636	-1.38382	0.0181603	1.92424	1.92424	0.382984	1.22647	1.22647	0.195349	0.731607	-1.36685	0.897128	1.02996	1.02996	0.221892	1.34038	1.34038	0.881578	1.0346	1.0346	0.556448	1.14537	1.14537	0.0527928	0.605135	-1.65252	2.59815	2.14252	0.733009	1
cg07926025	CER1	0.0967257	0.0766973	0.264138	-3.7859	0.162749	0.365103	-2.73895	0.158483	0.360847	-2.77126	0.304005	0.486836	-2.05408	0.0235173	0.160538	-6.22906	0.170751	0.372953	-2.6813	0.00949431	0.108395	-9.22549	0.0832798	0.273499	-3.65632	0.169365	0.371605	-2.69103	2.59814	18.8136	6.43659	1
cg05535123	LOC91316;RGL4	0.0967267	0.666381	1.06427	1.06427	0.712679	1.05455	1.05455	0.282025	1.17415	1.17415	0.407235	0.885375	-1.12947	0.243679	0.839313	-1.19145	0.0289964	0.690982	-1.44721	0.0183721	1.50812	1.50812	0.314054	0.861125	-1.16127	0.740142	1.04896	1.04896	2.59813	0.848562	0.290315	1
cg16543390	SETDB2;CAB39L;CAB39L	0.0967277	0.0642513	1.38176	1.38176	0.132313	0.776785	-1.28736	0.140618	0.781533	-1.27954	0.127634	0.774001	-1.29199	0.886528	0.97804	-1.02245	0.595003	1.08702	1.08702	0.0435114	1.43478	1.43478	0.369668	1.15405	1.15405	0.281184	1.19028	1.19028	2.59812	0.995194	0.340483	1
cg03403991	SHANK3	0.0967334	0.15186	0.411012	-2.43302	0.0905906	2.94427	2.94427	0.334381	1.77998	1.77998	0.901923	0.931089	-1.07401	0.00787902	0.138862	-7.20141	0.216811	0.471125	-2.12258	0.809405	1.15021	1.15021	0.842271	0.891022	-1.12231	0.493812	0.668687	-1.49547	2.59806	13.8014	4.72197	1
cg13912311	NR5A1	0.0967349	0.0272502	30.5211	30.5211	0.04971	18.7061	18.7061	0.0844437	12.147	12.147	0.172694	6.6767	6.6767	0.287901	4.2356	4.2356	0.77434	1.45656	1.45656	0.519865	2.34783	2.34783	0.0167396	45.6268	45.6268	0.0465262	19.7394	19.7394	2.59804	70.429	24.0965	1
cg03488588	EGFL8	0.0967354	0.881564	1.05539	1.05539	0.273354	0.662192	-1.51014	0.78153	0.904361	-1.10575	0.859054	0.937748	-1.06638	0.0321377	0.403511	-2.47825	0.0825901	0.49898	-2.00409	0.00869999	0.298499	-3.35009	0.423304	1.3441	1.3441	0.20897	0.619466	-1.61429	2.59803	5.38006	1.84073	1
cg01395667	ESPNP	0.0967361	0.0244722	4.08001	4.08001	0.0708614	2.88289	2.88289	0.310003	0.576304	-1.73519	0.320311	1.71382	1.71382	0.331997	0.591528	-1.69054	0.840832	0.899884	-1.11125	0.327457	0.588419	-1.69947	0.474701	0.682917	-1.46431	0.0578796	3.07978	3.07978	2.59802	11.3243	3.87451	1
cg02172222	FTSJ2	0.0967377	0.0910943	0.805947	-1.24078	0.564561	0.934718	-1.06984	0.0460373	1.30347	1.30347	0.0967919	0.809521	-1.2353	0.326876	0.889291	-1.12449	0.159019	0.839885	-1.19064	0.19354	1.1729	1.1729	0.533031	0.929423	-1.07594	0.170831	1.18418	1.18418	2.59801	0.552912	0.189175	1
cg21246968	KDELR2;KDELR2;KDELR2;KDELR2	0.0967385	0.0724392	1.48818	1.48818	0.124253	0.718841	-1.39113	0.727863	0.933062	-1.07174	0.674789	1.0873	1.0873	0.910885	0.97804	-1.02245	0.0639793	0.66173	-1.51119	0.666986	0.917728	-1.08965	0.236514	0.781927	-1.27889	0.0151175	0.553187	-1.80771	2.598	1.61848	0.553755	1
cg27640302	TIMM10	0.096739	0.0526642	0.512166	-1.95249	0.864114	0.949301	-1.05341	0.681653	1.13347	1.13347	0.4461	0.789853	-1.26606	0.0261409	0.448627	-2.22902	0.121787	0.600813	-1.66441	0.00962965	0.369599	-2.70563	0.435581	0.785353	-1.27331	0.26262	0.701334	-1.42585	2.59799	3.79631	1.29889	1
cg07983955	C15orf17	0.0967397	0.999018	0.999736	-1.00026	0.427902	1.18969	1.18969	0.490325	1.16226	1.16226	0.0943997	1.48375	1.48375	0.78853	0.943941	-1.05939	0.458872	1.17569	1.17569	0.886121	0.969716	-1.03123	0.00250834	2.46169	2.46169	0.731075	0.928636	-1.07685	2.59798	1.89488	0.648324	1
cg23262213	SLC25A12	0.0967454	0.466835	1.34506	1.34506	0.492559	0.756516	-1.32185	0.652592	0.834085	-1.19892	0.543993	1.27875	1.27875	0.00390945	0.211187	-4.73514	0.285132	0.641158	-1.55968	0.152044	1.84841	1.84841	0.927675	0.964305	-1.03702	0.575033	0.797093	-1.25456	2.59792	6.59495	2.25649	1
cg15125424	SOCS2	0.0967475	0.0239177	1.64423	1.64423	0.0498969	1.51088	1.51088	0.356721	0.839519	-1.19116	0.796519	0.953434	-1.04884	0.770654	0.947486	-1.05542	0.264179	0.806722	-1.23958	0.0921619	0.710283	-1.40789	0.971543	0.993439	-1.0066	0.200393	1.28351	1.28351	2.59789	1.40118	0.479425	1
cg13529728	DENND1A;DENND1A	0.0967496	0.521055	1.40694	1.40694	0.502955	1.42877	1.42877	0.415766	1.54741	1.54741	0.331456	0.590999	-1.69205	0.0054098	0.146375	-6.83178	0.337926	0.595404	-1.67953	?	?	?	0.378101	1.60748	1.60748	0.622093	1.29793	1.29793	2.62694	10.1886	3.87849	1
cg15425921	GNG7	0.0967506	0.155551	1.34383	1.34383	0.339994	0.825931	-1.21075	0.4298	0.854932	-1.16968	0.18527	1.31416	1.31416	0.0383094	0.626985	-1.59493	0.465695	0.865561	-1.15532	0.0743918	1.47196	1.47196	0.322902	1.21966	1.21966	0.135993	0.731662	-1.36675	2.59786	1.55608	0.532432	1
cg17838545	DLX6AS	0.0967526	0.304735	0.561469	-1.78104	0.760708	0.847142	-1.18044	0.148155	0.430655	-2.32204	0.0177982	0.209148	-4.7813	0.855132	0.905515	-1.10434	0.323785	0.574973	-1.73921	0.699332	1.23462	1.23462	0.0232403	4.36316	4.36316	0.864815	1.09695	1.09695	2.59784	12.1344	4.15198	1
cg03281038	UNC13C	0.0967529	0.832479	1.08571	1.08571	0.923087	0.963202	-1.0382	0.117483	0.516796	-1.935	0.721514	1.14907	1.14907	0.179697	0.575071	-1.73891	0.797603	1.10492	1.10492	0.589369	0.809316	-1.23561	0.00463326	4.31649	4.31649	0.724767	0.871753	-1.14711	2.59783	6.20192	2.12208	1
cg24366429	HRNBP3	0.0967571	0.053421	0.0922318	-10.8422	0.72121	1.47589	1.47589	0.66962	0.627337	-1.59404	0.905471	0.878922	-1.13776	0.0408343	0.0769415	-12.9969	0.35349	0.354477	-2.82105	0.00591874	0.0200191	-49.9522	0.767883	0.725037	-1.37924	0.217023	0.243885	-4.1003	2.59778	48.5566	16.6147	1
cg11389756	TRIM27	0.0967581	0.445079	1.36315	1.36315	0.341181	0.676831	-1.47747	0.0736779	0.452255	-2.21114	0.166653	1.79829	1.79829	0.638329	1.20733	1.20733	0.140689	0.532245	-1.87884	0.255188	1.60441	1.60441	0.0300039	2.7618	2.7618	0.254643	0.622915	-1.60536	2.59777	6.51598	2.2296	1
cg02828023	ST6GAL2;ST6GAL2;ST6GAL2	0.096761	0.619664	0.880611	-1.13558	0.245238	0.73429	-1.36186	0.0216618	2.0149	2.0149	0.615492	0.879254	-1.13733	0.516305	1.18202	1.18202	0.736125	0.917644	-1.08975	0.0117254	0.449283	-2.22577	0.923344	0.97584	-1.02476	0.934102	1.02124	1.02124	2.59774	2.65659	0.909026	1
cg11558850	CRTAC1	0.0967622	0.201483	1.35857	1.35857	0.167513	1.39685	1.39685	?	?	?	0.130101	1.44981	1.44981	0.0399712	0.583139	-1.71486	0.0337698	1.75621	1.75621	0.799455	0.943808	-1.05954	0.973038	0.992352	-1.00771	0.700067	0.91582	-1.09192	2.62679	1.90844	0.726529	1
cg16474791	RTN4R	0.0967626	0.102895	1.99535	1.99535	0.129512	1.88541	1.88541	0.0225768	2.87862	2.87862	0.0258276	2.786	2.786	0.209521	1.66874	1.66874	0.196882	1.69592	1.69592	0.199051	1.69111	1.69111	0.0285374	2.71945	2.71945	0.0636428	2.24182	2.24182	2.59772	6.16694	2.11021	1
cg12893030	CHST3	0.0967642	0.654826	0.78933	-1.2669	0.00262492	0.111944	-8.93306	0.125268	0.41798	-2.39246	0.748329	0.84431	-1.1844	0.551097	0.728281	-1.3731	0.114252	0.40528	-2.46743	0.33974	0.596138	-1.67746	0.213747	0.502449	-1.99025	0.815256	1.13094	1.13094	2.5977	11.3711	3.89099	1
cg08241321	KLC1;KLC1;KLC1	0.0967651	0.329856	1.2167	1.2167	0.25595	1.26026	1.26026	0.0114024	0.539178	-1.85467	0.645835	0.913693	-1.09446	0.705417	0.928599	-1.07689	0.905873	0.97719	-1.02334	0.0275589	1.66245	1.66245	0.711319	0.930057	-1.0752	0.856853	1.03585	1.03585	2.59769	1.56537	0.535644	1
cg02370417	ZNF829;ZNF568;ZNF829	0.0967678	0.0220159	0.405341	-2.46706	0.45317	0.777842	-1.28561	0.259919	1.4716	1.4716	0.47027	0.785458	-1.27314	0.734812	0.894246	-1.11826	0.675145	0.870601	-1.14863	0.115949	1.75368	1.75368	0.0859557	1.86606	1.86606	0.105638	0.559259	-1.78808	2.59766	4.44666	1.52159	1
cg11784578	IRF2	0.0967682	0.140348	2.06787	2.06787	0.202035	1.85329	1.85329	0.957823	0.976068	-1.02452	0.0672424	2.55826	2.55826	0.968933	0.982321	-1.018	0.366803	1.52902	1.52902	0.409226	1.47192	1.47192	0.00581699	5.22914	5.22914	0.0427786	2.90965	2.90965	2.59766	8.63012	2.95313	1
cg20906495	RAET1G	0.0967693	0.00391807	0.516977	-1.93432	0.720855	0.940852	-1.06287	0.0417979	0.671186	-1.4899	0.952155	0.989855	-1.01025	0.575278	0.908287	-1.10097	0.19896	0.794017	-1.25942	0.387437	0.860246	-1.16246	0.0823875	0.721113	-1.38675	0.417141	0.868569	-1.15132	2.59764	1.18798	0.406515	1
cg20459238	SNCG	0.0967709	0.382808	0.895245	-1.11701	0.852104	0.977189	-1.02334	0.212497	0.850138	-1.17628	0.970446	1.00459	1.00459	0.433299	1.10391	1.10391	0.142902	1.21493	1.21493	0.00444191	1.59889	1.59889	0.585248	0.934133	-1.07051	0.845286	1.02445	1.02445	2.59762	0.628922	0.215213	1
cg01349489	TIAM1	0.0967715	0.1808	0.3582	-2.79174	0.0660284	4.43708	4.43708	0.0409485	5.49842	5.49842	0.483817	0.598031	-1.67215	0.236364	0.40801	-2.45092	0.278409	0.442945	-2.25762	0.815844	0.844884	-1.18359	0.051215	0.201073	-4.97331	0.817303	0.846038	-1.18198	2.59762	21.4762	7.34902	1
cg00813603	SLC25A42	0.0967736	0.0367611	0.522559	-1.91366	0.263261	1.36614	1.36614	0.316149	1.31948	1.31948	0.591969	0.865251	-1.15573	0.0695648	0.581015	-1.72112	0.80252	1.06933	1.06933	0.102745	0.620289	-1.61215	0.0323082	0.51144	-1.95526	0.372699	0.782849	-1.27739	2.59759	2.94404	1.00744	1
cg15572423	TRIM39;TRIM39	0.0967742	0.0331108	0.740828	-1.34984	0.501121	1.0857	1.0857	0.01267	0.68858	-1.45226	0.436663	1.10027	1.10027	0.242206	1.15881	1.15881	0.374424	0.896029	-1.11604	0.631748	1.05987	1.05987	0.3057	0.880108	-1.13622	0.758356	1.03786	1.03786	2.59759	0.59653	0.204131	1
cg14178043	CAPN2;CAPN2	0.0967753	0.0621397	0.205062	-4.87658	0.0491844	0.183776	-5.44141	0.0922629	0.247061	-4.04759	0.24776	0.401836	-2.48858	0.0921682	0.24694	-4.04956	0.0670961	0.212585	-4.70399	0.0186467	0.116301	-8.59836	0.0705191	0.217617	-4.59524	0.077428	0.227408	-4.39738	2.59757	23.419	8.01398	1
cg22670397	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.096777	0.958354	0.987364	-1.0128	0.028944	1.87212	1.87212	0.167426	0.698838	-1.43095	0.047571	0.575923	-1.73634	0.248437	1.3415	1.3415	0.283315	1.31186	1.31186	0.140291	1.47157	1.47157	0.453349	0.830268	-1.20443	0.688975	0.906675	-1.10293	2.59755	2.43938	0.834762	1
cg14583225	ACLY;ACLY	0.0967789	0.0632761	0.23098	-4.32938	0.0643143	0.232627	-4.29873	0.554313	0.657286	-1.52141	0.370592	0.524637	-1.90608	0.14167	0.330005	-3.03026	0.0186759	0.135336	-7.38903	0.0316577	0.170769	-5.85585	0.038396	0.185788	-5.38249	0.143121	0.331532	-3.0163	2.59753	20.2493	6.92941	1
cg10100256	LY6K;LY6K;LY6K	0.0967794	0.661143	0.914757	-1.09319	0.0557405	0.645432	-1.54935	0.0570572	0.647326	-1.54482	0.0285468	1.68525	1.68525	0.996513	1.00088	1.00088	0.383124	0.834723	-1.198	0.869495	0.967331	-1.03377	0.237875	0.779	-1.2837	0.0926783	0.688158	-1.45316	2.59753	1.67853	0.574403	1
cg10382835	MRPS10	0.0967801	0.0908166	1.23408	1.23408	0.00486953	0.656124	-1.5241	0.165567	0.846233	-1.18171	0.877615	1.01755	1.01755	0.510454	0.927404	-1.07828	0.503919	0.926289	-1.07958	0.899723	0.985868	-1.01433	0.96248	0.994703	-1.00532	0.319351	0.890316	-1.1232	2.59752	0.524336	0.179432	1
cg11272616	EEF2	0.0967818	0.0824194	0.683733	-1.46256	0.292351	1.24097	1.24097	0.437717	1.16934	1.16934	0.0126932	1.84432	1.84432	0.857081	0.965003	-1.03627	0.073502	1.48339	1.48339	0.467223	1.15742	1.15742	0.534259	1.13246	1.13246	0.296603	0.807462	-1.23845	2.5975	1.60658	0.549787	1
cg17422176	C10orf105;CDH23	0.0967827	0.237345	0.490533	-2.0386	0.0228424	0.208658	-4.79252	0.00816691	0.142598	-7.01271	0.451	0.642827	-1.55563	0.134545	0.395212	-2.53029	0.672943	0.783267	-1.2767	0.168209	0.429587	-2.32782	0.23027	0.484725	-2.06302	?	?	?	2.62655	12.241	4.6605	1
cg05036100	ST7OT3;ST7;ST7	0.0967845	0.0421263	0.49218	-2.03178	0.319768	0.732508	-1.36517	0.0180666	0.41918	-2.38561	0.815257	1.07343	1.07343	0.0191909	0.424064	-2.35814	0.20078	0.664244	-1.50547	0.434815	0.78564	-1.27285	0.780563	0.918921	-1.08823	0.0670144	0.537095	-1.86187	2.59747	3.77095	1.29047	1
cg22088127	BRD2;BRD2	0.0967845	0.0588992	2.14333	2.14333	0.00558336	3.67163	3.67163	0.0402457	2.33237	2.33237	0.128307	1.79943	1.79943	0.745014	1.12369	1.12369	0.228023	1.57172	1.57172	0.879868	1.05553	1.05553	0.268851	1.50913	1.50913	0.34166	1.41927	1.41927	2.59747	5.25356	1.79784	1
cg04031424	PRSS48	0.0967857	0.109361	0.38596	-2.59094	0.285424	0.546049	-1.83134	0.991904	1.00555	1.00555	0.122835	2.48856	2.48856	0.0196477	0.215005	-4.65105	0.5594	0.724764	-1.37976	0.0849319	2.8261	2.8261	0.488167	1.46825	1.46825	0.40861	0.630707	-1.58552	2.59745	12.2343	4.18676	1
cg24207176	ABCG2;ABCG2	0.0967859	0.116995	0.708671	-1.41109	0.546275	0.88384	-1.13143	0.477879	1.15711	1.15711	0.514608	0.874906	-1.14298	0.138137	0.724079	-1.38106	0.242984	0.781079	-1.28028	0.00692197	0.493225	-2.02747	0.0296325	0.595832	-1.67833	0.560702	0.887836	-1.12633	2.59745	1.68235	0.575726	1
cg13961202	EXD3	0.0967892	0.111844	0.737244	-1.3564	0.401555	0.859715	-1.16318	0.158656	0.767	-1.30378	0.695214	1.07178	1.07178	0.0185431	0.604912	-1.65313	0.451325	1.14466	1.14466	0.0583146	1.45742	1.45742	0.415719	1.15772	1.15772	0.676514	0.928792	-1.07667	2.59741	1.27504	0.436346	1
cg17290488	C5orf45;C5orf45	0.0967904	0.410877	0.738741	-1.35366	0.886103	0.9497	-1.05296	0.0889962	0.508936	-1.96488	0.285342	0.670595	-1.49121	0.00284012	0.227732	-4.39112	0.242467	0.643723	-1.55346	0.202553	0.616036	-1.62328	0.387103	0.726706	-1.37607	0.104334	0.527631	-1.89526	2.5974	5.3341	1.82545	1
cg19378624	LOC100272146;C17orf57	0.0967946	0.14235	0.657358	-1.52124	0.1373	0.653297	-1.5307	0.92058	0.97382	-1.02688	0.159739	0.670571	-1.49127	0.0157568	0.455183	-2.19692	0.102483	0.621688	-1.60853	0.0383947	0.528252	-1.89303	0.0315029	0.511224	-1.95609	0.12013	0.63859	-1.56595	2.59735	2.91081	0.996162	1
cg04051458	THBS1	0.0967951	0.243106	1.16443	1.16443	0.362815	0.889969	-1.12363	0.385038	1.11739	1.11739	0.052404	1.31644	1.31644	0.295865	0.87363	-1.14465	0.52141	0.922196	-1.08437	0.104818	1.24723	1.24723	0.0140433	1.45928	1.45928	0.381618	1.11833	1.11833	2.59735	0.638985	0.218679	1
cg07378327	FAM19A4;FAM19A4	0.0967953	0.444708	0.877437	-1.13968	0.610726	0.917455	-1.08997	0.00903884	0.572996	-1.74521	0.534546	0.899824	-1.11133	0.971876	1.00593	1.00593	0.477628	1.12881	1.12881	0.0644081	1.41719	1.41719	0.488928	0.888717	-1.12522	0.0883726	0.729411	-1.37097	2.59734	1.1585	0.396473	1
cg19930116	CDKL1	0.0967959	0.362807	0.670315	-1.49184	0.00252023	6.01255	6.01255	0.3673	1.48598	1.48598	0.43473	1.40615	1.40615	0.933041	0.9647	-1.03659	0.158237	1.90624	1.90624	0.765509	1.13646	1.13646	0.46174	1.37772	1.37772	0.421095	1.4212	1.4212	2.59734	7.52396	2.57493	1
cg13724160	GRIN3A	0.0967988	0.0945927	1.57397	1.57397	0.412733	0.813229	-1.22967	0.807651	1.06207	1.06207	0.14686	0.680878	-1.46869	0.113733	0.653877	-1.52934	?	?	?	0.0208695	0.50337	-1.98661	0.477797	1.19503	1.19503	0.436475	1.21651	1.21651	2.62636	2.25345	0.858013	1
cg24533690	LDB1	0.0967995	0.139145	1.18149	1.18149	0.130845	1.1864	1.1864	0.0278377	1.31306	1.31306	0.0815275	0.816868	-1.22419	0.621245	1.05357	1.05357	0.0566184	1.25368	1.25368	0.826541	1.02326	1.02326	0.451133	1.08376	1.08376	0.347128	0.903545	-1.10675	2.5973	0.451543	0.154535	1
cg15078681	AMIGO3;RNF123	0.0967999	0.143159	0.204129	-4.89887	0.189725	4.06635	4.06635	0.220098	3.67697	3.67697	0.150652	4.73812	4.73812	0.740508	0.714883	-1.39883	0.886232	0.865391	-1.15555	0.0393444	11.1058	11.1058	0.0155464	20.0186	20.0186	0.537349	1.87902	1.87902	2.59729	41.952	14.3575	1
cg09863772	LPIN1	0.0968002	0.107788	0.52814	-1.89344	0.919019	1.03769	1.03769	0.177389	0.593637	-1.68453	0.22775	1.585	1.585	0.34173	0.700214	-1.42814	0.608966	0.828874	-1.20646	0.0290211	0.392125	-2.55021	0.0149523	0.336721	-2.96982	0.167036	0.585158	-1.70894	2.59729	5.44347	1.86296	1
cg19651268	RSPH9	0.0968031	0.248612	0.778777	-1.28407	0.0200219	0.558847	-1.7894	0.103046	0.690918	-1.44735	0.0244468	0.573608	-1.74335	0.0794485	0.6679	-1.49723	0.990783	1.0024	1.0024	0.0373689	0.606	-1.65016	0.238362	0.774112	-1.2918	0.140191	0.719632	-1.3896	2.59725	1.76804	0.605099	1
cg16142977	EEF2	0.0968034	0.440132	0.72388	-1.38144	0.460489	1.36125	1.36125	0.400193	0.702258	-1.42398	0.288376	1.57204	1.57204	0.876984	1.06564	1.06564	0.00389147	0.202814	-4.93064	0.217308	0.586994	-1.70359	0.501784	1.32287	1.32287	0.717653	1.16072	1.16072	2.59725	6.92935	2.37152	1
cg12480356	ZNF391	0.0968038	0.472358	1.14034	1.14034	0.0702659	1.43841	1.43841	0.0163795	1.69406	1.69406	0.148522	1.32103	1.32103	0.742226	1.06109	1.06109	0.27656	1.22547	1.22547	0.767214	0.948065	-1.05478	0.00982128	1.79749	1.79749	0.504315	1.12945	1.12945	2.59725	1.3277	0.454394	1
cg07515865	NIN;NIN;NIN	0.0968063	0.278054	0.846658	-1.18111	0.898639	1.01898	1.01898	0.884199	1.02174	1.02174	0.824104	0.967682	-1.0334	0.786738	0.960771	-1.04083	0.0127643	0.633451	-1.57865	0.0593158	1.36913	1.36913	0.962548	1.00695	1.00695	0.0667184	1.35443	1.35443	2.59722	0.895833	0.306596	1
cg23731992	FRMD4A	0.0968068	0.535458	0.854789	-1.16988	0.0169332	2.0715	2.0715	0.541306	0.856756	-1.16719	0.45775	1.20811	1.20811	0.0316131	0.532554	-1.87774	0.586587	1.14715	1.14715	0.505676	1.18394	1.18394	0.517626	1.17822	1.17822	0.149051	0.679182	-1.47236	2.59721	2.57124	0.879999	1
cg16281600	GRIA1;GRIA1	0.0968074	0.0329605	0.206078	-4.85253	0.450267	0.614352	-1.62773	0.0218096	0.174946	-5.71606	0.152713	0.379099	-2.63784	0.360461	0.551346	-1.81374	0.314538	0.51754	-1.93222	0.00925182	0.123462	-8.09965	0.45625	0.61845	-1.61695	0.164895	0.391308	-2.55553	2.5972	16.4974	5.64621	1
cg24079051	LOC643387;LOC151174;LOC151174	0.0968128	0.0348373	6.89069	6.89069	0.117831	3.79153	3.79153	0.146295	3.4	3.4	0.517335	1.67387	1.67387	0.0307118	7.32884	7.32884	0.0702374	4.89466	4.89466	0.0148202	10.5132	10.5132	0.44133	1.85177	1.85177	0.128889	3.62479	3.62479	2.59714	25.3311	8.66972	1
cg11806172	ZNF337	0.0968128	0.124206	0.429388	-2.3289	0.0290268	0.270672	-3.69451	0.296156	0.576883	-1.73345	0.212843	1.94699	1.94699	0.0291517	0.271041	-3.68948	0.322323	0.595004	-1.68066	0.110939	0.413985	-2.41555	0.376204	1.58594	1.58594	0.933625	0.958581	-1.04321	2.59714	10.6079	3.63062	1
cg09953997	RRN3	0.0968154	0.455581	1.19865	1.19865	0.503836	0.850664	-1.17555	0.331463	1.26986	1.26986	0.446006	0.830927	-1.20348	0.803416	0.942266	-1.06127	0.773498	0.933512	-1.07122	0.00352062	0.389267	-2.56893	0.874112	0.962902	-1.03853	0.204789	1.37576	1.37576	2.59711	2.33824	0.800288	1
cg21346031	TUBBP5	0.0968155	0.0300857	0.310076	-3.22502	0.0173625	0.264547	-3.78005	0.0314158	0.313942	-3.1853	0.946558	0.969699	-1.03125	0.0456813	0.349357	-2.8624	0.207096	0.542974	-1.84171	0.307392	0.6157	-1.62417	0.298997	0.610119	-1.63902	0.17317	0.514123	-1.94506	2.59711	8.66619	2.9661	1
cg17060263	LYZL4	0.0968164	0.0538496	2.05555	2.05555	0.0949368	0.546596	-1.82951	0.0381956	0.453499	-2.20508	0.0763385	0.522548	-1.9137	0.222742	0.655903	-1.52462	0.398009	0.75213	-1.32956	0.952864	0.98073	-1.01965	0.105544	0.558756	-1.78969	0.975295	0.989859	-1.01025	2.5971	4.45663	1.52534	1
cg15698299	ALAS1;ALAS1	0.0968192	0.0397137	0.190251	-5.25621	0.419782	0.562594	-1.77748	0.43606	0.574382	-1.741	0.151167	0.341865	-2.92513	0.0233472	0.15094	-6.62517	0.0504041	0.210956	-4.74033	0.0165755	0.129762	-7.7064	0.278108	0.45522	-2.19674	0.115259	0.302743	-3.30313	2.59707	20.0272	6.85463	1
cg00477673	ZBBX	0.0968197	0.0709668	0.296109	-3.37713	0.546017	0.691694	-1.44573	0.155215	0.399467	-2.50334	0.513389	0.670409	-1.49163	0.0110659	0.146283	-6.83606	0.0367864	0.231445	-4.32068	0.024961	0.199989	-5.00027	0.288143	0.514125	-1.94505	0.30492	0.526797	-1.89826	2.59706	14.9703	5.12383	1
cg06348615	RPGRIP1L;FTO;RPGRIP1L	0.09682	0.452829	1.12167	1.12167	0.0935018	0.758091	-1.3191	0.122006	0.77752	-1.28614	0.672387	1.06594	1.06594	0.565653	1.0911	1.0911	0.36096	0.868494	-1.15142	0.00966087	0.611616	-1.63501	0.889516	0.979348	-1.02109	0.179174	1.23891	1.23891	2.59706	0.927131	0.317327	1
cg08392484	ELL2	0.09682	0.980491	0.993316	-1.00673	0.500608	1.20625	1.20625	0.0111375	0.41779	-2.39355	0.810134	1.06825	1.06825	0.156583	0.659926	-1.51532	0.451707	1.23406	1.23406	0.0570972	1.80476	1.80476	0.292967	1.34883	1.34883	0.526071	0.838441	-1.19269	2.59706	3.09438	1.05911	1
cg21697812	C11orf91	0.0968228	0.0458683	0.386909	-2.58459	0.251287	0.608162	-1.6443	0.80651	1.10718	1.10718	0.730727	1.15412	1.15412	0.0129265	0.277959	-3.59766	0.403677	0.701488	-1.42554	0.125407	0.502504	-1.99003	0.0887011	0.458811	-2.17955	0.29619	1.5674	1.5674	2.59703	7.0807	2.42352	1
cg22165106	ELFN1	0.0968234	?	?	?	0.448576	0.767222	-1.3034	0.0859978	0.521539	-1.9174	0.618345	1.18807	1.18807	0.00450343	0.272765	-3.66615	0.608589	0.837596	-1.19389	0.0988659	0.537469	-1.86057	0.537178	0.807028	-1.23911	0.613267	0.839565	-1.19109	2.62607	4.35245	1.6574	1
cg07208077	PRH2;PRH2;PRR4;PRH1	0.0968243	0.0489851	0.379978	-2.63173	0.192062	0.551867	-1.81203	0.0547971	0.391539	-2.55402	0.640306	0.816612	-1.22457	0.00870334	0.237116	-4.21735	0.086998	0.443258	-2.25602	0.22102	0.574746	-1.7399	0.558443	0.775114	-1.29013	0.0621476	0.404949	-2.46944	2.59701	7.62226	2.6089	1
cg06338552	ZC3H7B	0.0968271	0.0889298	0.684893	-1.46008	0.0900464	1.45778	1.45778	0.532645	0.880296	-1.13598	0.942119	0.985458	-1.01476	0.92658	1.01877	1.01877	0.396125	0.839201	-1.19161	0.00772077	1.99454	1.99454	0.679559	1.0874	1.0874	0.773584	1.05992	1.05992	2.59698	1.67388	0.572933	1
cg01059432	BTBD19	0.0968272	0.372026	1.1452	1.1452	0.197136	1.22348	1.22348	0.799711	0.963089	-1.03833	0.563659	1.09019	1.09019	0.913209	1.01626	1.01626	0.0248648	1.4844	1.4844	0.0162061	0.647242	-1.54502	0.465768	1.11606	1.11606	0.435359	0.888935	-1.12494	2.59698	0.900056	0.30807	1
cg00445548	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0968273	0.130508	0.711679	-1.40513	0.399664	0.835623	-1.19671	0.61307	0.899235	-1.11206	0.0188817	0.553054	-1.80814	0.0220481	0.564447	-1.77165	0.0410748	0.612042	-1.63387	0.417472	1.18837	1.18837	0.427182	0.844631	-1.18395	0.176166	0.741165	-1.34923	2.59698	1.78427	0.610718	1
cg02694676	CCND1	0.0968275	0.454126	0.947361	-1.05556	0.372725	0.937163	-1.06705	0.482636	1.05191	1.05191	0.675462	1.03031	1.03031	0.261863	0.920377	-1.08651	0.0810132	1.14706	1.14706	0.00890698	0.78977	-1.26619	0.435598	0.945151	-1.05803	0.140949	0.893777	-1.11885	2.59697	0.206856	0.0708025	1
cg03440426	GCLC	0.0968276	0.622999	0.85327	-1.17196	0.00657337	0.322927	-3.09667	0.0615626	0.509476	-1.9628	0.398575	0.758223	-1.31887	0.397476	0.757711	-1.31976	0.412934	1.30743	1.30743	0.287821	1.42391	1.42391	0.432819	1.29219	1.29219	0.969916	1.01215	1.01215	2.59697	4.21811	1.44377	1
cg03015672	ARHGAP12	0.0968295	0.0345721	0.168201	-5.94526	0.582474	0.669224	-1.49427	0.977065	1.02101	1.02101	0.644076	0.714246	-1.40008	0.0660991	0.225091	-4.44265	0.183409	0.360234	-2.77598	0.0150857	0.115286	-8.67409	0.0248794	0.144962	-6.89837	0.770566	0.809345	-1.23557	2.59695	21.5207	7.36614	1
cg25284397	CDK6;CDK6	0.0968326	0.0344175	15.975	15.975	0.108032	7.16687	7.16687	0.671298	1.61517	1.61517	0.0848827	8.50026	8.50026	0.0312773	17.0815	17.0815	0.777048	1.37556	1.37556	0.988734	1.01599	1.01599	0.0238174	20.6875	20.6875	0.0705528	9.67832	9.67832	2.59692	51.8853	17.7596	1
cg02491234	PLEKHA6	0.0968339	0.062953	0.533836	-1.87324	0.00755494	0.356587	-2.80436	0.395864	0.77037	-1.29808	0.785671	1.08522	1.08522	0.0844275	0.563994	-1.77307	0.353936	0.751144	-1.3313	0.049163	0.50979	-1.96159	0.237926	0.690095	-1.44908	0.867496	1.05138	1.05138	2.5969	3.70265	1.26737	1
cg05260129	TUSC4;CYB561D2	0.0968384	0.605627	0.857356	-1.16638	0.0555808	1.8984	1.8984	0.961746	0.985928	-1.01427	0.158769	0.640771	-1.56062	0.431955	0.789003	-1.26742	0.0118825	0.395407	-2.52904	0.189507	1.50781	1.50781	0.466064	0.803177	-1.24505	0.856268	1.05503	1.05503	2.59685	3.59095	1.22916	1
cg15152644	PARD3B;PARD3B;PARD3B	0.0968389	0.0722153	0.460253	-2.17272	0.766067	1.12231	1.12231	0.388424	0.710447	-1.40756	0.813486	0.912647	-1.09571	0.517256	0.775751	-1.28907	0.662861	0.843956	-1.1849	0.00640677	3.94211	3.94211	0.502721	0.768697	-1.3009	0.253334	0.63041	-1.58627	2.59684	6.15161	2.10567	1
cg01823956	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.0968403	0.0181182	0.561109	-1.78218	0.893287	0.973339	-1.02739	0.871472	0.967925	-1.03314	0.089692	0.686137	-1.45744	0.023261	0.579219	-1.72646	0.285386	0.79979	-1.25033	0.187803	0.755003	-1.3245	0.183745	1.32837	1.32837	0.452915	0.857313	-1.16644	2.59683	1.66729	0.57071	1
cg04182461	LIMCH1;LIMCH1;LIMCH1	0.096841	0.21511	1.58034	1.58034	0.0600589	2.10421	2.10421	0.0364221	0.426173	-2.34646	0.442812	1.31579	1.31579	0.803867	0.916431	-1.09119	0.387841	1.36399	1.36399	0.368979	1.3821	1.3821	0.0616007	2.09261	2.09261	0.0737874	2.0117	2.0117	2.59682	5.05879	1.73162	1
cg18540249	DLGAP2	0.0968412	0.100707	0.163014	-6.13442	0.28686	0.327658	-3.05196	0.996748	0.995896	-1.00412	0.176064	0.234264	-4.26869	0.0433371	0.0958885	-10.4288	0.0845144	0.145857	-6.85604	0.0154442	0.0498849	-20.0462	0.0406713	0.0921479	-10.8521	0.0817076	0.142777	-7.00392	2.59682	41.8639	14.33	1
cg27101602	DDX55	0.0968447	0.197579	1.66613	1.66613	0.013891	3.12441	3.12441	0.0465155	2.35035	2.35035	0.0378597	2.46578	2.46578	0.265642	1.54464	1.54464	0.598738	1.22022	1.22022	0.121615	1.87577	1.87577	0.030626	2.59091	2.59091	0.438901	1.34436	1.34436	2.59678	5.77802	1.97784	1
cg04641663	PLXNB3;PLXNB3	0.0968481	0.31816	1.52831	1.52831	0.287731	0.635237	-1.57422	0.93429	0.966669	-1.03448	0.277474	1.5909	1.5909	0.660167	1.19949	1.19949	0.266308	1.60986	1.60986	0.0105541	3.75275	3.75275	0.0349393	2.74664	2.74664	0.0688676	2.30943	2.30943	2.59674	6.95031	2.37916	1
cg08069247	HABP2	0.096849	0.120488	0.510249	-1.95983	0.558177	0.789314	-1.26692	0.504739	1.31053	1.31053	0.301537	0.652034	-1.53366	0.495648	0.758502	-1.31839	0.146026	0.536052	-1.86549	0.00387784	0.211387	-4.73065	0.0906319	0.474812	-2.1061	0.318354	0.662289	-1.50992	2.59673	6.56479	2.2472	1
cg14208721	IKBKAP;C9orf6;C9orf6	0.09685	0.309851	1.22781	1.22781	0.361797	1.20089	1.20089	0.897166	0.975064	-1.02557	0.712404	0.930244	-1.07499	0.606373	1.10683	1.10683	0.0343709	0.617557	-1.61928	0.0108488	0.535389	-1.8678	0.428452	1.17102	1.17102	0.443189	1.16496	1.16496	2.59672	1.56854	0.536932	1
cg12766287	HNRNPF;HNRNPF;HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.0968513	0.341255	0.728563	-1.37256	0.25508	0.681331	-1.46772	0.0259826	0.425968	-2.34759	0.100741	1.78695	1.78695	0.118374	0.578403	-1.7289	0.540065	0.818475	-1.22178	0.513184	0.807233	-1.2388	0.0666472	1.94269	1.94269	0.53097	0.814693	-1.22746	2.5967	4.28858	1.46804	1
cg16737670	MCF2L	0.0968518	0.936499	1.0171	1.0171	0.227682	1.30919	1.30919	0.0240089	1.77317	1.77317	0.996076	0.998954	-1.00105	0.850498	1.04096	1.04096	0.553868	1.13587	1.13587	0.894038	0.972047	-1.02876	0.0048377	2.21459	2.21459	0.199673	1.3341	1.3341	2.59669	1.86139	0.637182	1
cg01231434	NDUFAB1	0.0968522	0.2832	0.881064	-1.13499	0.347447	1.11613	1.11613	0.675648	0.953337	-1.04895	0.0727989	0.796691	-1.25519	0.0407626	1.30764	1.30764	0.590046	1.06372	1.06372	0.0552805	0.781343	-1.27985	0.529942	0.93029	-1.07493	0.145487	1.19423	1.19423	2.59669	0.530385	0.181559	1
cg01573470	RNPS1;RNPS1	0.0968531	0.038949	0.507054	-1.97218	0.127715	1.5967	1.5967	0.322304	1.3371	1.3371	0.812249	0.934625	-1.06995	0.020007	0.450407	-2.22022	0.999667	1.00012	1.00012	0.664638	1.13194	1.13194	0.483908	1.22402	1.22402	0.165464	0.656838	-1.52245	2.59668	3.32017	1.13655	1
cg06232789	MAGED2;MAGED2	0.0968557	0.0587577	0.439636	-2.27461	0.775771	1.1162	1.1162	0.586347	0.809362	-1.23554	0.235207	1.61435	1.61435	0.342874	0.686483	-1.4567	0.0227467	0.350123	-2.85614	0.0464315	0.415573	-2.40632	0.0564215	0.43539	-2.29679	0.825588	0.91855	-1.08867	2.59665	6.09435	2.08623	1
cg05440642	C10orf54;CDH23	0.0968568	0.146872	0.551881	-1.81198	0.0363491	0.394958	-2.53192	0.0203022	0.343617	-2.91022	0.0480869	0.422066	-2.3693	0.0474505	0.420735	-2.37679	0.199993	0.596363	-1.67683	0.515056	1.28664	1.28664	0.387666	0.713156	-1.40222	0.321185	0.676166	-1.47893	2.59664	5.99481	2.05216	1
cg03954786	PAQR6;PAQR6	0.0968569	0.443378	0.729937	-1.36998	0.0130855	0.289443	-3.45491	0.25835	1.60813	1.60813	0.422286	1.39123	1.39123	0.0893144	0.470168	-2.1269	0.0781523	0.454593	-2.19977	0.645762	0.829911	-1.20495	0.161104	0.547214	-1.82744	0.487672	1.32847	1.32847	2.59664	6.67294	2.2843	1
cg16224727	FBRSL1	0.0968569	0.153493	1.43057	1.43057	0.298333	1.28735	1.28735	0.530684	1.16045	1.16045	0.308265	1.28029	1.28029	0.681709	1.10144	1.10144	0.169038	1.40961	1.40961	0.00442231	2.43526	2.43526	0.0251835	1.86595	1.86595	0.214512	1.35821	1.35821	2.59664	2.25759	0.772824	1
cg01679060	OSBPL10	0.0968574	0.778356	0.936239	-1.0681	0.105202	1.51186	1.51186	0.130733	1.46379	1.46379	0.594131	0.881988	-1.1338	0.0302937	0.551772	-1.81234	0.742488	1.08002	1.08002	0.0270047	1.843	1.843	0.637982	1.11701	1.11701	0.548693	0.867892	-1.15222	2.59663	2.24194	0.76747	1
cg24201672	ZNF680;ZNF680	0.0968586	0.564184	0.863721	-1.15778	0.0836601	1.61791	1.61791	0.84043	1.05197	1.05197	0.978777	0.993337	-1.00671	0.456968	1.20971	1.20971	0.0756379	1.64375	1.64375	0.470519	0.831526	-1.20261	0.151012	0.679268	-1.47217	0.0174791	0.483367	-2.06882	2.59662	2.59736	0.889144	1
cg03186877	ARID3C	0.0968586	0.505513	0.852	-1.17371	0.873571	0.962952	-1.03847	0.358699	0.799518	-1.25075	0.864209	1.04141	1.04141	0.0411655	0.572072	-1.74803	0.87029	1.0395	1.0395	0.0886019	0.640608	-1.56102	0.00565736	0.422857	-2.36487	0.576618	1.14308	1.14308	2.59662	2.3113	0.791216	1
cg23991388	ADAMTS17	0.0968593	0.408715	0.467984	-2.13682	0.0040195	0.0310243	-32.2328	0.0224907	0.0857579	-11.6607	0.459865	0.508545	-1.96639	0.167898	0.266944	-3.74611	0.367263	0.435053	-2.29857	0.174337	0.272943	-3.66377	0.534878	0.568498	-1.75902	0.506865	0.545999	-1.8315	2.59661	33.2087	11.3682	1
cg22961402	GIT1;GIT1	0.0968624	0.122163	0.59165	-1.69019	0.0100066	2.76959	2.76959	0.662652	1.14742	1.14742	0.953588	1.0184	1.0184	0.384805	0.756429	-1.322	0.542377	1.21312	1.21312	0.0506458	2.00913	2.00913	0.219824	1.49809	1.49809	0.598023	1.18138	1.18138	2.59657	4.03605	1.38167	1
cg18174834	ATF3	0.0968646	0.311321	0.828533	-1.20695	0.0892491	1.40005	1.40005	0.0114686	1.76473	1.76473	0.0832894	0.708722	-1.41099	0.998534	1.00033	1.00033	0.837014	1.03768	1.03768	0.884541	0.974245	-1.02644	0.249057	0.805457	-1.24153	0.902832	1.02217	1.02217	2.59655	1.3261	0.45397	1
cg17835016	F10	0.096865	0.183432	1.65303	1.65303	0.160426	1.70571	1.70571	0.796779	0.912199	-1.09625	0.329892	1.43054	1.43054	0.158261	1.7111	1.7111	0.0503505	2.21305	2.21305	0.00644872	3.53064	3.53064	0.054252	2.17682	2.17682	0.453633	1.31238	1.31238	2.59654	5.21486	1.78523	1
cg17211218	VDAC2	0.096867	0.299325	0.861006	-1.16143	0.199407	1.2076	1.2076	0.0150151	0.659728	-1.51578	0.995516	0.999218	-1.00078	0.228719	0.838828	-1.19214	0.98383	1.00282	1.00282	0.093226	1.29292	1.29292	0.127754	1.25747	1.25747	0.74289	1.04686	1.04686	2.59652	0.795985	0.272496	1
cg27140220	PKIA;PKIA;PKIA;PKIA	0.0968683	0.0371928	0.625978	-1.5975	0.883053	0.971897	-1.02892	0.669483	0.920207	-1.08671	0.261575	1.25449	1.25449	0.787822	0.949099	-1.05363	0.838108	1.04041	1.04041	0.953242	0.988708	-1.01142	0.10086	1.41622	1.41622	0.0131361	1.81406	1.81406	2.59651	1.54227	0.527981	1
cg24458652	C1orf131;GNPAT;GNPAT	0.0968685	0.00773776	0.54432	-1.83716	0.253689	1.23607	1.23607	0.859458	1.03201	1.03201	0.619922	1.09296	1.09296	0.730993	1.06328	1.06328	0.192685	0.782604	-1.27779	0.940523	0.98682	-1.01336	0.0481749	0.669324	-1.49404	0.281487	0.819545	-1.22019	2.5965	1.29993	0.445017	1
cg02472869	SNRPF	0.0968686	0.0434277	0.735783	-1.3591	0.349231	0.880469	-1.13576	0.691332	0.948645	-1.05414	0.00718848	0.632307	-1.58151	0.276819	0.861206	-1.16116	0.106824	0.792484	-1.26186	0.464321	0.906298	-1.10339	0.229059	1.18145	1.18145	0.742357	0.957357	-1.04454	2.5965	0.717653	0.245682	1
cg05598363	C5orf32	0.0968694	0.162585	0.647873	-1.54351	0.0251914	2.17083	2.17083	0.348615	1.3244	1.3244	0.755171	1.09535	1.09535	0.27743	0.719728	-1.38941	0.197025	1.48752	1.48752	0.175918	1.52044	1.52044	0.0421881	1.97682	1.97682	0.465349	0.805466	-1.24152	2.59649	3.48625	1.19349	1
cg09060654	LIPA;LIPA	0.0968709	0.105781	3.25934	3.25934	0.0684669	3.91173	3.91173	0.376876	1.8338	1.8338	0.0962399	3.39206	3.39206	0.287863	0.478111	-2.09156	0.211592	2.41101	2.41101	0.110756	3.19648	3.19648	0.0194941	6.60738	6.60738	0.0635911	4.03391	4.03391	2.59648	18.3898	6.29564	1
cg10323841	SRRM4	0.0968725	0.226051	0.406089	-2.46252	0.00838958	0.0918875	-10.8829	0.0185228	0.132049	-7.57295	0.294667	0.462791	-2.1608	0.0958683	0.273473	-3.65667	0.171303	0.356097	-2.80822	0.129802	0.313445	-3.19035	0.938581	0.946835	-1.05615	0.702138	0.761549	-1.31311	2.59646	20.6659	7.07491	1
cg02635837	NXN	0.0968748	0.80961	1.06457	1.06457	0.935347	0.979189	-1.02125	0.0130109	0.449875	-2.22284	0.699615	0.904384	-1.10572	0.0910141	0.617195	-1.62023	0.167391	0.682841	-1.46447	0.171205	1.45887	1.45887	0.12362	1.54081	1.54081	0.48507	0.832015	-1.2019	2.59643	2.76315	0.945965	1
cg25865553	ITIH3	0.096875	0.237804	0.760138	-1.31555	0.0871681	0.657777	-1.52027	0.246229	0.764185	-1.30858	0.166438	0.72092	-1.38712	0.855367	0.960341	-1.0413	0.370363	1.22632	1.22632	0.020706	1.85477	1.85477	0.15105	1.40672	1.40672	0.87089	1.03673	1.03673	2.59643	2.02267	0.692461	1
cg23156989	FTSJD2	0.0968757	0.887319	0.956056	-1.04596	0.00610409	3.10963	3.10963	0.0315344	2.2239	2.2239	0.596349	1.18463	1.18463	0.113141	1.72718	1.72718	0.984667	0.993928	-1.00611	0.766971	0.910108	-1.09877	0.581596	0.838277	-1.19292	0.474025	1.25959	1.25959	2.59642	4.13116	1.41431	1
cg06737937	SRI;SRI	0.096877	0.631988	0.858799	-1.16442	0.0351293	0.461038	-2.16902	0.587662	1.18852	1.18852	0.90224	0.961977	-1.03953	0.238425	0.677369	-1.4763	0.294262	0.709516	-1.40941	0.00661316	0.328838	-3.04101	0.345586	1.35858	1.35858	0.886105	1.04625	1.04625	2.59641	4.09228	1.40101	1
cg09832443	CREB5;CREB5;CREB5	0.0968782	0.175182	0.392253	-2.54937	0.0312663	0.193937	-5.15632	0.634996	1.36397	1.36397	0.436079	0.597059	-1.67488	0.0329567	0.198114	-5.04761	0.528538	0.660705	-1.51353	0.0157636	0.146562	-6.82303	0.0791127	0.282136	-3.54439	0.78027	0.833999	-1.19904	2.59639	17.3246	5.93117	1
cg19847637	RASGRP3;RASGRP3;RASGRP3	0.096882	0.612819	1.35626	1.35626	0.38873	0.590084	-1.69467	0.105314	0.34759	-2.87695	0.555729	0.700565	-1.42742	0.0889389	0.326173	-3.06586	0.738446	1.22154	1.22154	0.0562121	0.27493	-3.63729	0.389311	0.590484	-1.69352	0.00620288	0.118723	-8.42296	2.59635	14.663	5.02005	1
cg14664412	CSTA;CSTA	0.0968823	0.151409	0.375531	-2.6629	0.104279	0.322548	-3.10032	0.318445	0.518408	-1.92898	0.00851689	0.117745	-8.49293	0.794119	0.846508	-1.18132	0.0253351	0.183803	-5.4406	0.17746	0.401229	-2.49234	0.0818982	0.292784	-3.41549	0.148753	0.372793	-2.68245	2.59634	16.6934	5.71518	1
cg14386061	DOK2	0.0968826	0.155346	0.488021	-2.04909	0.231977	0.553514	-1.80664	0.531122	0.741315	-1.34895	0.0466171	0.341272	-2.93021	0.00854295	0.20532	-4.87045	0.777677	0.874977	-1.14289	0.227389	0.549967	-1.81829	0.0867326	0.409576	-2.44155	0.0329849	0.308341	-3.24316	2.59634	9.15403	3.13399	1
cg13495928	PRSS3	0.0968839	0.111473	0.225999	-4.4248	0.629292	1.51783	1.51783	0.26052	2.73677	2.73677	0.838322	1.19157	1.19157	0.0148309	0.0764233	-13.085	0.407861	0.483705	-2.06737	0.020172	0.0903799	-11.0644	0.588071	0.62554	-1.59862	0.985484	1.01573	1.01573	2.59633	30.2626	10.3608	1
cg10306703	C10orf40	0.0968852	0.995683	1.00161	1.00161	0.432161	0.788193	-1.26873	0.475489	1.24041	1.24041	0.518661	0.823439	-1.21442	0.155334	0.636703	-1.57059	0.972805	1.01017	1.01017	0.00930402	2.66338	2.66338	0.0622333	1.86494	1.86494	0.372029	0.761764	-1.31274	2.59631	3.62479	1.241	1
cg23101259	C11orf30;C11orf30	0.0968861	0.0202977	0.7379	-1.3552	0.088319	0.815235	-1.22664	0.0387376	0.771041	-1.29695	0.195681	1.16027	1.16027	0.663915	1.04864	1.04864	0.773543	1.03184	1.03184	0.628755	1.05435	1.05435	0.461001	1.08494	1.08494	0.344368	0.899601	-1.1116	2.5963	0.485226	0.166126	1
cg26325209	GNE;GNE	0.0968868	0.838369	0.979004	-1.02145	0.244872	1.13472	1.13472	0.89765	0.986719	-1.01346	0.0168066	1.35408	1.35408	0.0237207	1.32379	1.32379	0.0363046	1.28771	1.28771	0.472994	0.926974	-1.07878	0.390745	1.09567	1.09567	0.74417	1.03461	1.03461	2.59629	0.443835	0.151955	1
cg20151476	PSMG3;PSMG3	0.0968869	0.755137	0.73519	-1.36019	0.0457065	0.10513	-9.51206	0.0915925	0.160954	-6.21295	0.671522	0.657424	-1.52109	0.091955	0.161348	-6.1978	0.184316	0.250397	-3.99366	0.00598772	0.0292362	-34.2041	0.800286	1.28307	1.28307	0.300039	0.347834	-2.87494	2.59629	39.7578	13.6118	1
cg24271378	HPCAL1;HPCAL1	0.0968879	0.138948	1.49143	1.49143	0.0510956	1.74642	1.74642	0.437545	1.21988	1.21988	0.0598442	1.70391	1.70391	0.468924	0.831163	-1.20313	0.0815583	0.616013	-1.62334	0.0713558	1.65771	1.65771	0.575118	1.15273	1.15273	0.498575	0.841626	-1.18818	2.59628	2.59002	0.886747	1
cg21733011	EFCAB5;SSH2	0.096888	0.849312	1.09706	1.09706	0.0261652	3.61429	3.61429	0.266582	1.75721	1.75721	0.835187	0.903516	-1.10679	0.595907	0.770552	-1.29777	0.0284754	0.283907	-3.52229	0.0729944	0.377607	-2.64826	0.749862	1.16857	1.16857	0.578107	1.3147	1.3147	2.59628	9.75274	3.33905	1
cg12082202	FLJ39582;FLJ39582;THAP7;THAP7	0.0968887	0.248536	1.46049	1.46049	0.426325	0.774862	-1.29055	0.544862	0.824951	-1.21219	0.24952	0.685287	-1.45924	0.0577821	0.509851	-1.96136	0.010182	0.361483	-2.76638	0.348691	1.35386	1.35386	0.304756	0.716243	-1.39617	0.12717	0.595704	-1.67869	2.59627	4.05465	1.3882	1
cg02958126	EML3;MTA2	0.096891	0.111275	1.86059	1.86059	0.649285	0.848855	-1.17806	0.0487811	2.23772	2.23772	0.0296306	2.50042	2.50042	0.115866	1.84356	1.84356	0.26875	1.51024	1.51024	0.460179	1.30883	1.30883	0.957095	0.980928	-1.01944	0.014843	2.92315	2.92315	2.59624	5.26754	1.80347	1
cg23193639	IGFBP3;IGFBP3	0.0968922	0.0131647	1.97358	1.97358	0.506474	1.16076	1.16076	0.180157	0.729941	-1.36997	0.055412	1.6164	1.6164	0.674267	0.910746	-1.098	0.668433	0.909107	-1.09998	0.142764	0.705823	-1.41679	0.436238	1.19204	1.19204	0.60613	1.12191	1.12191	2.59623	2.01128	0.688616	1
cg25627913	PSMD14	0.096893	0.784777	1.03918	1.03918	0.756373	1.04465	1.04465	0.628632	0.933875	-1.07081	0.506389	0.909702	-1.09926	0.543689	1.09011	1.09011	0.033686	0.705956	-1.41652	0.0965862	0.774082	-1.29185	0.0482578	1.37278	1.37278	0.0747898	1.32126	1.32126	2.59622	0.810238	0.277407	1
cg06211724	LAMC2;LAMC2;LAMC2;LAMC2	0.0968933	0.0365097	18.6107	18.6107	0.0747515	10.8894	10.8894	0.327274	3.37552	3.37552	0.172214	5.74305	5.74305	0.0733553	11.0447	11.0447	0.0739141	10.9819	10.9819	0.0305373	21.2769	21.2769	0.0374354	18.2653	18.2653	0.0636007	12.2913	12.2913	2.59622	59.5047	20.3731	1
cg11520665	DNAJC14;DNAJC14	0.0968949	0.701091	0.874236	-1.14386	0.644971	0.850712	-1.17549	0.515603	1.25826	1.25826	0.41758	0.74925	-1.33467	0.0201514	0.37657	-2.65555	0.134102	0.569498	-1.75593	0.0189139	2.69291	2.69291	0.808243	0.918758	-1.08843	0.828157	1.0787	1.0787	2.5962	4.99336	1.70963	1
cg16174225	TAS1R3	0.0968951	0.110032	0.327472	-3.0537	0.17201	2.53896	2.53896	0.437381	1.66152	1.66152	0.656106	1.33274	1.33274	0.662961	0.754987	-1.32453	0.544202	0.674755	-1.48202	0.00474258	0.0903685	-11.0658	0.958184	0.966954	-1.03418	0.674428	0.762786	-1.31098	2.5962	16.8892	5.78255	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00507727	ICA1;ICA1;ICA1	0.096898	0.129002	0.39653	-2.52187	0.914739	0.9414	-1.06225	0.0250882	4.49299	4.49299	0.0349019	3.99976	3.99976	0.311688	0.55424	-1.80427	0.549171	1.40742	1.40742	0.170925	2.2753	2.2753	0.380202	0.601959	-1.66124	0.776474	0.851714	-1.1741	2.59616	13.0731	4.47604	1
cg20762861	BANK1;BANK1	0.0969012	0.0837561	2.5626	2.5626	0.00986078	4.97101	4.97101	0.253641	1.79713	1.79713	0.676775	1.22892	1.22892	0.0477407	3.04383	3.04383	0.0535472	2.93902	2.93902	0.495344	1.40555	1.40555	0.0528149	2.9514	2.9514	0.173747	2.03727	2.03727	2.59613	9.94116	3.40376	1
cg22325530	HVCN1;HVCN1	0.0969018	0.131673	0.487216	-2.05248	0.396587	0.681419	-1.46753	0.246645	0.585488	-1.70798	0.0913795	0.439786	-2.27384	0.0784662	0.421616	-2.37182	0.74428	0.865346	-1.15561	0.331505	0.642297	-1.55691	0.985025	0.991742	-1.00833	0.0170042	3.61797	3.61797	2.59612	8.02762	2.74859	1
cg20680819	MIR943;WHSC2	0.0969037	0.628739	0.905996	-1.10376	0.208188	1.30848	1.30848	0.0153978	0.54744	-1.82668	0.145255	1.37289	1.37289	0.213498	0.766877	-1.30399	0.0492765	0.63463	-1.57572	0.849293	1.0393	1.0393	0.624226	1.10522	1.10522	0.863326	1.03553	1.03553	2.5961	1.68811	0.578	1
cg07091481	C10orf58	0.0969043	0.318478	0.56857	-1.7588	0.0067449	0.146103	-6.84451	0.164492	0.443879	-2.25287	0.646223	0.77639	-1.28801	0.136577	0.415496	-2.40676	0.119881	0.396919	-2.51941	0.0525586	0.299093	-3.34344	0.0372126	0.265949	-3.76012	0.341684	0.584773	-1.71006	2.59609	12.3303	4.22185	1
cg07637741	SYTL3	0.0969045	0.0106925	0.212535	-4.7051	0.310415	0.602544	-1.65963	0.0738464	0.382236	-2.61618	0.407313	0.664231	-1.5055	0.016731	0.24423	-4.09451	0.123732	0.44723	-2.23598	0.080391	0.392151	-2.55004	0.215905	0.533331	-1.87501	0.338358	0.62104	-1.6102	2.59609	9.57875	3.27972	1
cg16296679	WBP2NL	0.0969065	0.021932	0.510401	-1.95924	0.627474	1.12709	1.12709	0.408943	1.22951	1.22951	0.569762	0.868894	-1.15089	0.59916	0.878313	-1.13855	0.512973	0.850174	-1.17623	0.0468202	0.573059	-1.74502	0.875623	0.962406	-1.03906	0.0142672	0.477414	-2.09462	2.59607	2.46073	0.842549	1
cg04983142	GFRA1;GFRA1;GFRA1	0.0969077	0.760331	1.02046	1.02046	0.0133848	0.81642	-1.22486	0.284601	0.929046	-1.07637	0.0865503	0.882185	-1.13355	0.129727	0.897285	-1.11447	0.692718	1.02665	1.02665	0.286773	1.07599	1.07599	0.142044	1.11017	1.11017	0.773882	0.981108	-1.01926	2.59605	0.180254	0.0617192	1
cg04145065	N4BP2;LOC344967	0.0969105	0.0127168	0.649829	-1.53887	0.417102	1.12238	1.12238	0.682454	1.05894	1.05894	0.205387	0.830276	-1.20442	0.0951588	0.774708	-1.29081	0.140264	0.801807	-1.24718	0.0413521	0.72067	-1.3876	0.788118	0.963193	-1.03821	0.13763	0.800444	-1.24931	2.59602	0.796857	0.272847	1
cg07393057	PKN2	0.0969119	0.0965981	1.19159	1.19159	0.535243	0.941449	-1.06219	0.576263	0.947193	-1.05575	0.286156	0.899032	-1.11231	0.107154	0.844517	-1.18411	0.456952	1.07551	1.07551	0.00914522	0.727513	-1.37454	0.397992	1.08671	1.08671	0.722256	0.966287	-1.03489	2.596	0.379628	0.129987	1
cg12810518	NAF1;NAF1	0.096914	0.358994	0.754864	-1.32474	0.139573	1.60644	1.60644	0.136752	1.61276	1.61276	0.833331	0.939104	-1.06484	0.447249	1.25981	1.25981	0.144158	0.626379	-1.59648	0.0169652	0.41973	-2.38248	0.175717	1.53616	1.53616	0.740546	1.10415	1.10415	2.59598	3.65501	1.25151	1
cg19013620	C14orf102;C14orf102	0.0969161	0.356539	1.35071	1.35071	0.0158471	0.391862	-2.55192	0.0768022	0.535849	-1.8662	0.154323	0.616687	-1.62157	0.831555	0.934701	-1.06986	0.699441	0.884274	-1.13087	0.308666	1.39658	1.39658	0.0384573	0.467548	-2.13882	0.430479	0.774831	-1.2906	2.59596	4.13214	1.4149	1
cg02174006	FAM190B	0.0969165	0.139605	0.698573	-1.43149	0.00546225	2.28104	2.28104	0.569957	1.13833	1.13833	0.578623	0.881087	-1.13496	0.369217	1.23133	1.23133	0.521402	0.863595	-1.15795	0.674672	0.909136	-1.09995	0.638565	1.11266	1.11266	0.225193	0.750183	-1.33301	2.59595	2.09347	0.716832	1
cg05342634	LOC348840	0.096917	0.103738	1.33019	1.33019	0.125734	1.30437	1.30437	0.974677	1.0051	1.0051	0.0424572	1.45459	1.45459	0.894377	0.978922	-1.02153	0.336805	0.853153	-1.17212	0.363969	1.16139	1.16139	0.0118809	1.65465	1.65465	0.132438	1.29742	1.29742	2.59595	1.05741	0.362071	1
cg07584637	RPTOR;RPTOR	0.0969171	0.156117	0.499653	-2.00139	0.0512732	0.36242	-2.75923	0.0180694	0.26896	-3.71802	0.135618	2.08652	2.08652	0.0927631	0.429193	-2.32996	0.610205	1.26505	1.26505	0.733443	1.1692	1.1692	0.638595	0.805471	-1.24151	0.463866	0.7111	-1.40627	2.59595	8.59782	2.94402	1
cg21250436	CCDC91	0.0969184	0.021942	0.435695	-2.29518	0.0344637	0.474541	-2.1073	0.0553562	0.518707	-1.92787	0.691648	0.886489	-1.12805	0.0176318	0.417858	-2.39316	0.347203	0.746361	-1.33983	0.175817	0.647236	-1.54503	0.560725	0.837116	-1.19458	0.146546	0.624387	-1.60157	2.59593	3.7556	1.28598	1
cg17661300	ZFP41	0.0969187	0.890063	0.980886	-1.01949	0.067823	1.33036	1.33036	0.229369	1.19245	1.19245	0.960949	1.00686	1.00686	0.653171	0.93883	-1.06516	0.0386163	0.715847	-1.39695	0.0393761	0.717058	-1.39459	0.27414	0.853171	-1.1721	0.279166	1.17001	1.17001	2.59593	0.800623	0.274147	1
cg21318380	KCNG1	0.0969191	0.259851	0.499634	-2.00147	0.00342029	0.0955493	-10.4658	0.0539961	0.274914	-3.63751	0.940474	0.956869	-1.04508	0.505065	0.670798	-1.49076	0.847702	0.892697	-1.1202	0.295329	0.52693	-1.89779	0.198061	0.447939	-2.23245	0.688414	1.26868	1.26868	2.59592	14.329	4.90649	1
cg12244544	TMEM199;POLDIP2	0.0969203	0.428352	0.625117	-1.5997	0.319796	1.8173	1.8173	0.403733	0.608685	-1.64289	0.638605	1.31634	1.31634	0.480505	1.51693	1.51693	0.393881	0.602036	-1.66103	0.187725	0.444337	-2.25055	0.00382671	0.103783	-9.63551	0.302585	0.537673	-1.85986	2.59591	13.8803	4.75287	1
cg15425937	TMEM108;TMEM108	0.0969217	0.609718	0.857256	-1.16651	0.888264	0.958816	-1.04295	0.110863	0.594722	-1.68146	0.105015	1.69882	1.69882	0.00923574	0.372144	-2.68713	0.212591	0.675204	-1.48103	0.273917	1.40578	1.40578	0.709203	1.11859	1.11859	0.989202	1.00406	1.00406	2.59589	3.6794	1.25991	1
cg08455772	FLJ12825	0.0969231	0.0798965	2.92136	2.92136	0.0606247	3.21225	3.21225	0.914441	1.06108	1.06108	0.647363	0.775635	-1.28927	0.131816	0.407649	-2.45309	0.026162	4.28665	4.28665	0.175211	2.21517	2.21517	0.307522	0.558375	-1.79091	0.69527	1.24256	1.24256	2.59588	12.512	4.28439	1
cg03473046	TFIP11;TFIP11	0.0969239	0.0873902	1.34756	1.34756	0.871011	0.974641	-1.02602	0.776854	1.04594	1.04594	0.0287015	1.50363	1.50363	0.722742	0.945245	-1.05793	0.0297671	1.49823	1.49823	0.139369	0.777672	-1.28589	0.381157	0.867634	-1.15256	0.633422	0.926866	-1.07891	2.59587	1.02722	0.351745	1
cg01654582	AADAT;AADAT	0.0969243	0.158702	1.27386	1.27386	0.0255663	0.652974	-1.53145	0.609001	0.920456	-1.08642	0.336708	0.852875	-1.1725	0.75047	0.95003	-1.0526	0.869871	1.02669	1.02669	0.0755307	0.727702	-1.37419	0.66051	0.931452	-1.07359	0.0429423	1.45394	1.45394	2.59586	1.06125	0.3634	1
cg27216630	KCTD18	0.096925	0.396214	0.843273	-1.18586	0.840299	1.04038	1.04038	0.0788794	1.46646	1.46646	0.0721531	0.674507	-1.48256	0.0301706	0.606428	-1.649	0.107529	0.708491	-1.41145	0.16136	1.34106	1.34106	0.827403	0.958062	-1.04377	0.611217	0.90431	-1.10582	2.59586	1.58264	0.541939	1
cg01960534	PHF16;PHF16	0.0969252	0.227647	1.67147	1.67147	0.0786121	2.20864	2.20864	0.895025	1.05501	1.05501	0.0774287	0.45103	-2.21715	0.0158761	0.301732	-3.3142	0.360021	1.4648	1.4648	0.60023	1.23924	1.23924	0.877747	0.939469	-1.06443	0.461692	1.3552	1.3552	2.59585	6.76449	2.31634	1
cg08642528	ZNF766;MIR643	0.096926	0.496128	0.887994	-1.12613	0.0148165	0.59728	-1.67426	0.804042	1.04366	1.04366	0.855029	1.03194	1.03194	0.384578	0.857918	-1.16561	0.0511684	1.46483	1.46483	0.656245	1.08005	1.08005	0.0507388	0.682058	-1.46615	0.893063	1.02339	1.02339	2.59584	1.21484	0.415996	1
cg02371363	HCN4	0.0969265	0.00866874	0.180313	-5.54591	0.313823	0.586637	-1.70463	0.878296	0.924542	-1.08162	0.653974	1.25987	1.25987	0.0166484	0.223819	-4.4679	0.18515	0.487009	-2.05335	0.57858	1.3328	1.3328	0.322407	0.592533	-1.68767	0.578714	0.750377	-1.33266	2.59584	10.7772	3.69042	1
cg25932787	LOC284440	0.0969303	0.250041	0.88951	-1.12421	0.109809	1.18506	1.18506	0.105806	1.18777	1.18777	0.504829	0.936209	-1.06814	0.941728	0.992904	-1.00715	0.196302	0.87539	-1.14235	0.764981	1.02963	1.02963	0.0366512	0.789387	-1.26681	0.078086	1.21007	1.21007	2.59579	0.390049	0.133566	1
cg03522035	LRRC32;LRRC32	0.0969305	0.760591	0.950178	-1.05243	0.310638	0.839098	-1.19176	0.0674711	0.709916	-1.40862	0.963922	0.992465	-1.00759	0.806044	0.959697	-1.042	0.118548	1.32758	1.32758	0.0103693	1.71581	1.71581	0.594746	0.914126	-1.09394	0.407862	0.867993	-1.15208	2.59579	1.14965	0.393679	1
cg01779765	FLJ43390	0.0969307	0.0507891	0.275972	-3.62356	0.319987	0.55182	-1.81219	0.056538	3.4866	3.4866	0.516807	0.683676	-1.46268	0.0741427	0.316224	-3.16232	0.97931	1.01512	1.01512	0.0923465	0.342408	-2.92049	0.0751634	0.317789	-3.14674	0.217896	0.472419	-2.11676	2.59579	13.7606	4.71209	1
cg20511955	C4orf23	0.0969318	0.398551	0.693629	-1.44169	0.0385105	0.362543	-2.75829	0.0965499	0.461996	-2.16452	0.00936032	0.247893	-4.03401	0.241189	0.594952	-1.68081	0.0861838	0.448247	-2.23091	0.937115	0.967155	-1.03396	0.713787	1.16872	1.16872	0.100486	0.46695	-2.14156	2.59578	7.36444	2.52185	1
cg01590049	SH2B2	0.0969336	0.392196	0.844773	-1.18375	0.0822753	0.690438	-1.44835	0.376196	0.83966	-1.19096	0.00617564	0.502939	-1.98831	0.276685	0.804344	-1.24325	0.0702518	0.677451	-1.47612	0.476549	1.14946	1.14946	0.381811	0.841468	-1.1884	0.500639	1.14059	1.14059	2.59576	1.5224	0.521329	1
cg13095029	GLUD2	0.0969338	0.143058	3.1885	3.1885	0.184494	2.82076	2.82076	0.294225	0.448654	-2.22889	0.655207	1.39253	1.39253	0.940807	1.05624	1.05624	0.0460358	0.185552	-5.38933	0.74275	0.78455	-1.27462	0.0449788	5.4469	5.4469	0.0665086	4.55395	4.55395	2.59575	22.3137	7.64111	1
cg27108577	NCF1C	0.0969345	0.417594	1.45661	1.45661	0.00663139	4.95257	4.95257	0.0730435	2.47879	2.47879	0.0880328	2.35079	2.35079	0.519333	1.34526	1.34526	0.141786	2.04877	2.04877	0.193851	1.86669	1.86669	0.0306012	3.16908	3.16908	0.358096	1.53586	1.53586	2.59575	8.47505	2.9022	1
cg07807690	NFYC;NFYC;LOC100130557;NFYC;NFYC; NFYC;NFYC;NFYC;NFYC;NFYC	0.0969348	0.429478	0.813335	-1.22951	0.1133	1.55498	1.55498	0.335068	1.29003	1.29003	0.979604	1.00657	1.00657	0.793779	1.06942	1.06942	0.308576	0.763402	-1.30993	0.00596912	0.398198	-2.51132	0.896921	1.03376	1.03376	0.307563	1.31072	1.31072	2.59574	2.69795	0.923889	1
cg25948982	C20orf123	0.0969372	0.0330296	0.252141	-3.96603	0.0626625	0.314175	-3.18294	0.240618	0.50712	-1.97192	0.152667	0.428859	-2.33177	0.0168518	0.199557	-5.0111	0.420818	0.634738	-1.57545	0.0569285	0.303985	-3.28964	0.0388306	0.266572	-3.75133	0.221409	0.491446	-2.03481	2.59571	12.5584	4.30054	1
cg05491565	TRIM42	0.0969386	0.777684	0.956892	-1.04505	0.223828	0.819597	-1.22011	0.0693841	0.728891	-1.37195	0.350953	1.16119	1.16119	0.427744	0.881574	-1.13434	0.430567	1.13343	1.13343	0.0114794	1.63608	1.63608	0.731503	1.05508	1.05508	0.23136	0.822478	-1.21584	2.5957	0.996274	0.341171	1
cg07699706	BOD1;BOD1	0.0969399	0.813025	0.940384	-1.0634	0.293324	0.753675	-1.32683	0.514049	0.842259	-1.18728	0.394745	0.79762	-1.25373	0.120537	1.54778	1.54778	0.370285	0.78767	-1.26957	0.0652047	0.584492	-1.71089	0.00611804	0.395284	-2.52983	0.853837	0.953285	-1.049	2.59568	2.7666	0.947418	1
cg04937402	PPP1R3E	0.0969448	0.798526	1.03399	1.03399	0.141726	1.22932	1.22932	0.487649	0.911972	-1.09652	0.481793	1.09793	1.09793	0.102329	0.791659	-1.26317	0.00632102	0.628343	-1.59149	0.702577	1.05141	1.05141	0.803838	0.968002	-1.03306	0.478481	1.09874	1.09874	2.59563	0.701993	0.240402	1
cg12720772	NLGN4X;NLGN4X	0.0969458	0.00898856	0.359668	-2.78034	0.912522	1.03441	1.03441	0.850591	0.943607	-1.05976	0.654061	0.870361	-1.14895	0.0267825	0.445915	-2.24258	0.132709	1.64768	1.64768	0.858345	1.05653	1.05653	0.695207	0.885852	-1.12886	0.413979	0.773321	-1.29312	2.59562	3.89512	1.33391	1
cg05432322	C5orf45;C5orf45	0.0969465	0.126571	0.468632	-2.13387	0.561166	0.76378	-1.30928	0.661065	0.816816	-1.22427	0.988277	0.993285	-1.00676	0.0128784	0.242618	-4.1217	0.0815759	0.412602	-2.42364	0.010146	0.226012	-4.42455	0.602874	0.786054	-1.27218	0.283644	0.599978	-1.66673	2.59561	8.64648	2.96106	1
cg14068146	DDX41	0.0969469	0.134322	1.45509	1.45509	0.125535	1.46983	1.46983	0.262587	0.762349	-1.31173	0.11074	1.49736	1.49736	0.435002	0.831074	-1.20326	0.0377509	0.571337	-1.75028	0.166064	1.40931	1.40931	0.209231	1.35999	1.35999	0.435824	1.20285	1.20285	2.5956	2.21852	0.759753	1
cg03455713	FAM176A;FAM176A	0.0969483	0.00461085	0.366694	-2.72707	0.844591	1.05361	1.05361	0.163746	0.67337	-1.48507	0.433449	1.23701	1.23701	0.125043	0.642851	-1.55557	0.32537	1.31027	1.31027	0.364975	0.780591	-1.28108	0.812885	0.93885	-1.06513	0.491707	0.830408	-1.20423	2.59559	2.91089	0.996868	1
cg09510339	GPR45	0.0969497	0.0751414	0.325576	-3.07148	0.0404965	0.2619	-3.81826	0.0930227	0.351191	-2.84745	0.350334	1.72351	1.72351	0.0351749	0.249223	-4.01247	0.784592	0.856283	-1.16784	0.203606	0.467728	-2.13799	0.0461483	0.274215	-3.64678	0.154498	0.421883	-2.37032	2.59557	13.182	4.51435	1
cg27386837	NFYC;NFYC;NFYC;LOC100130557;NFYC; NFYC	0.0969497	0.241007	1.39561	1.39561	0.0612636	1.77305	1.77305	0.0540864	1.81073	1.81073	0.0208442	0.469868	-2.12826	0.73782	1.09553	1.09553	0.313206	1.32748	1.32748	0.670772	0.890367	-1.12313	0.955809	0.985064	-1.01516	0.533827	0.842716	-1.18664	2.59557	3.03173	1.03826	1
cg11448896	DMRTA2	0.0969533	0.42343	1.43545	1.43545	0.201322	1.81598	1.81598	0.440633	1.41579	1.41579	0.947073	1.02979	1.02979	0.765649	1.14129	1.14129	0.24392	1.71433	1.71433	0.921529	1.04453	1.04453	0.00300368	6.04401	6.04401	0.046485	2.74065	2.74065	2.59553	8.0356	2.75194	1
cg16172240	NMUR2	0.0969549	0.0589574	0.277209	-3.60738	0.00875648	0.134151	-7.45428	0.0807051	0.311843	-3.20674	0.27561	0.505459	-1.9784	0.0964306	0.333527	-2.99826	0.191838	0.435539	-2.296	0.0294431	0.213796	-4.67736	0.407585	0.600733	-1.66463	0.377464	0.579964	-1.72425	2.59551	14.8764	5.09473	1
cg01425967	PCP4L1	0.0969576	0.323204	1.28616	1.28616	0.65611	1.11688	1.11688	0.574656	0.86949	-1.1501	0.716245	1.09421	1.09421	0.0500184	0.576266	-1.73531	0.015174	0.479185	-2.08688	0.0880809	0.628628	-1.59077	0.2245	1.36982	1.36982	0.836993	1.05212	1.05212	2.59548	2.50044	0.856339	1
cg04724735	EVI5L;EVI5L	0.0969587	0.0596835	16.4025	16.4025	0.0812859	12.7296	12.7296	0.110402	9.87638	9.87638	0.146167	7.7957	7.7957	0.0808888	12.7811	12.7811	0.124643	8.92127	8.92127	0.0173704	45.2923	45.2923	0.0351383	25.2977	25.2977	0.0921998	11.472	11.472	2.59547	71.2315	24.3952	1
cg13081009	RERE;RERE;RERE	0.0969588	0.969036	1.01284	1.01284	0.979802	0.991712	-1.00836	0.0362929	2.22606	2.22606	0.075939	1.91422	1.91422	0.58495	0.83417	-1.1988	0.223662	0.656851	-1.52242	0.117246	0.571565	-1.74958	0.0918439	0.543271	-1.8407	0.221771	1.5253	1.5253	2.59547	4.44279	1.52156	1
cg01206705	PTPLAD1	0.0969588	0.296436	0.572102	-1.74794	0.146308	2.23534	2.23534	0.752007	1.17766	1.17766	0.196529	2.02263	2.02263	0.0439099	0.302847	-3.302	0.245415	1.87144	1.87144	0.57702	0.747777	-1.3373	0.0264997	0.257474	-3.88389	0.61732	1.29674	1.29674	2.59547	10.9379	3.74598	1
cg26520930	KCNQ4;KCNQ4	0.0969588	0.374709	0.617633	-1.61909	0.774433	1.16412	1.16412	0.430513	1.53043	1.53043	0.399867	0.633956	-1.5774	0.0030776	0.117315	-8.52408	0.536587	0.718239	-1.39229	0.135088	0.42659	-2.34417	0.27673	0.549738	-1.81905	0.738063	1.19423	1.19423	2.59547	11.4974	3.9376	1
cg21661022	NPTX2	0.0969594	0.650715	0.706952	-1.41452	0.0036723	0.0503721	-19.8523	0.0351995	0.154671	-6.46533	0.449996	0.556735	-1.79619	0.188246	0.346186	-2.88862	0.32084	0.458224	-2.18234	0.160719	0.319827	-3.12669	0.244177	0.39573	-2.52698	0.875176	0.88727	-1.12705	2.59546	23.7953	8.14939	1
cg17375049	CCDC129	0.0969599	0.456719	0.67891	-1.47295	0.303705	0.580262	-1.72336	0.0657316	0.34816	-2.87224	0.0330069	0.279752	-3.57459	0.0183502	0.231726	-4.31543	0.845225	0.904966	-1.10501	0.0542696	0.327601	-3.05249	0.0320067	0.277024	-3.60979	0.441334	0.66955	-1.49354	2.59545	10.7306	3.67502	1
cg09876651	MIR618;LIN7A	0.0969613	0.931546	1.01734	1.01734	0.545861	0.884845	-1.13014	0.0337765	0.608872	-1.64238	0.210389	1.30235	1.30235	0.68278	0.921049	-1.08572	0.389942	1.19283	1.19283	0.00886444	0.513381	-1.94787	0.266406	0.793126	-1.26083	0.653574	0.913547	-1.09463	2.59544	1.64674	0.563978	1
cg00901574	POFUT1;POFUT1	0.0969616	0.0313017	0.71678	-1.39513	0.0756531	1.29776	1.29776	0.947651	1.00869	1.00869	0.191888	0.833525	-1.19972	0.180918	0.829245	-1.20592	0.0487148	1.34545	1.34545	0.693162	1.05366	1.05366	0.788534	0.965186	-1.03607	0.556315	0.924565	-1.08159	2.59543	0.714154	0.244585	1
cg22850304	RRAGC	0.0969647	0.478538	1.14444	1.14444	0.0894491	1.42	1.42	0.440485	1.15872	1.15872	0.24207	0.795104	-1.2577	0.0147397	0.570037	-1.75427	0.503345	0.880573	-1.13562	0.115895	0.726142	-1.37714	0.749937	1.06171	1.06171	0.275099	1.23693	1.23693	2.5954	1.44146	0.493679	1
cg25503381	THBS1	0.0969677	0.362717	1.37852	1.37852	0.316746	0.701062	-1.42641	0.0671966	2.02163	2.02163	0.0507999	2.14593	2.14593	0.323282	1.41918	1.41918	0.937377	1.02733	1.02733	0.709028	1.13727	1.13727	0.673341	1.15662	1.15662	0.00666897	3.34629	3.34629	2.59537	4.84006	1.65768	1
cg00845942	DPY19L2	0.0969681	0.644882	1.2087	1.2087	0.098139	2.09793	2.09793	0.294699	1.55871	1.55871	0.552872	1.27787	1.27787	0.395422	1.42685	1.42685	0.998356	1.00084	1.00084	0.00662068	4.219	4.219	0.0684485	2.30046	2.30046	0.0279303	2.88883	2.88883	2.59536	6.85652	2.3483	1
cg00451397	GTF2A1L;GTF2A1L;STON1-GTF2A1L	0.0969687	0.215331	0.646418	-1.54699	0.407143	1.32801	1.32801	0.942325	1.0245	1.0245	0.0368607	0.44437	-2.25038	0.0148194	0.366792	-2.72634	0.798535	0.917991	-1.08934	0.0741346	0.513876	-1.94599	0.582088	1.20436	1.20436	0.123009	0.571784	-1.74891	2.59535	4.6005	1.57564	1
cg26844732	BLM	0.0969692	0.425305	0.67943	-1.47182	0.0640562	0.372331	-2.68578	0.310113	0.607382	-1.64641	0.285667	1.69286	1.69286	0.290209	0.593862	-1.68389	0.0115325	4.48111	4.48111	0.76114	1.15574	1.15574	0.578889	0.766323	-1.30493	0.318211	0.612771	-1.63193	2.59535	9.26366	3.17274	1
cg05850280	GRIN1;GRIN1;GRIN1	0.0969722	0.537467	1.73479	1.73479	0.289988	2.64489	2.64489	0.265458	2.79657	2.79657	0.246389	2.92948	2.92948	0.250981	2.89611	2.89611	0.21584	3.17752	3.17752	0.0437925	8.05262	8.05262	0.00554582	28.6396	28.6396	0.0304144	9.96024	9.96024	2.76337	33.2234	9.35104	1
cg11407540	EGF	0.0969728	0.103034	1.4885	1.4885	0.493888	1.1676	1.1676	0.851467	0.959055	-1.04269	0.168163	1.38758	1.38758	0.573033	1.13543	1.13543	0.0391707	1.70284	1.70284	0.0304591	1.76339	1.76339	0.0296128	1.77032	1.77032	0.0328376	1.74504	1.74504	2.59531	2.04461	0.700276	1
cg03852219	ANKRD34A;POLR3GL	0.096973	0.618079	1.16079	1.16079	0.795042	0.925682	-1.08028	0.0039343	0.316359	-3.16097	0.709079	1.11759	1.11759	0.994002	0.997773	-1.00223	0.39542	0.772454	-1.29458	0.0744868	0.554625	-1.80302	0.486694	1.23325	1.23325	0.567859	1.18681	1.18681	2.5953	3.61702	1.23882	1
cg16170237	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;T NIK;TNIK	0.0969772	0.321861	1.34405	1.34405	0.709142	1.11434	1.11434	0.338606	0.752019	-1.32975	0.0375646	2.00789	2.00789	0.260447	0.712391	-1.40372	0.545245	0.837879	-1.19349	0.0167684	2.32426	2.32426	0.840554	0.943461	-1.05993	0.206186	0.680276	-1.46999	2.59526	3.43117	1.17519	1
cg21323106	PTPRN2;PTPRN2;PTPRN2	0.0969792	0.95755	0.981757	-1.01858	0.60734	0.835866	-1.19636	0.973559	1.01153	1.01153	0.623564	1.18662	1.18662	0.0197504	0.377649	-2.64796	0.194443	0.622012	-1.60769	0.00881938	0.315568	-3.16889	0.910395	0.961808	-1.03971	0.0978925	0.533624	-1.87398	2.59523	4.91759	1.68432	1
cg03216085	FANCF	0.0969793	0.397133	0.758326	-1.31869	0.0524087	2.02143	2.02143	0.00701874	3.04099	3.04099	0.682635	1.14016	1.14016	0.243199	1.47644	1.47644	0.851951	1.06142	1.06142	0.932777	0.973441	-1.02728	0.531807	0.817037	-1.22394	0.29528	0.707299	-1.41383	2.59523	4.18429	1.43316	1
cg27026360	TMEM132E	0.0969801	0.0271487	14.5856	14.5856	0.524244	1.93741	1.93741	0.661007	1.57179	1.57179	0.111652	5.90341	5.90341	0.285598	3.11597	3.11597	0.211218	3.85682	3.85682	0.281403	3.14956	3.14956	0.0089847	30.1035	30.1035	0.033243	12.813	12.813	2.59522	43.1653	14.7845	1
cg21815882	CBX3;HNRNPA2B1;CBX3;HNRNPA2B1	0.0969836	0.0543345	0.728068	-1.3735	0.024252	1.47757	1.47757	0.642725	1.07026	1.07026	0.264334	0.844421	-1.18424	0.338367	0.866367	-1.15425	0.622723	1.07474	1.07474	0.727654	1.05213	1.05213	0.112266	1.28573	1.28573	0.153421	1.2488	1.2488	2.59518	0.868336	0.297418	1
cg04393837	LYSMD1;LYSMD1;SCNM1	0.0969912	0.0283493	0.113896	-8.77991	0.327657	0.42821	-2.33531	0.240053	0.356092	-2.80826	0.130651	0.254068	-3.93595	0.015633	0.0830938	-12.0346	0.192738	0.314386	-3.1808	0.0196592	0.0938943	-10.6503	0.200808	0.321699	-3.10849	0.123682	0.246692	-4.05363	2.5951	28.9584	9.91902	1
cg01662334	HIBADH	0.0969914	0.926227	1.02849	1.02849	0.0433411	2.02336	2.02336	0.0132663	2.53643	2.53643	0.857355	1.05608	1.05608	0.0972557	0.575836	-1.7366	0.0923226	1.75395	1.75395	0.875042	1.04889	1.04889	0.491847	1.23581	1.23581	0.982265	0.993281	-1.00676	2.59509	3.7803	1.29485	1
cg25140607	TFAP2A;TFAP2A;TFAP2A	0.0969936	0.205333	0.610009	-1.63932	0.561634	1.24246	1.24246	0.326372	0.687405	-1.45475	0.416558	0.735547	-1.35953	0.135306	0.551286	-1.81394	0.259585	1.54503	1.54503	0.048238	0.433864	-2.30487	0.025349	2.67327	2.67327	0.566921	0.807268	-1.23875	2.59507	5.62403	1.9264	1
cg13790353	CCDC83	0.0969938	0.323636	0.552862	-1.80877	0.500954	0.672252	-1.48754	0.0380048	0.246981	-4.04889	0.982299	1.01298	1.01298	0.125946	0.381887	-2.61858	0.184412	2.26707	2.26707	0.0362001	0.242675	-4.12075	0.0259566	0.215082	-4.6494	0.690207	0.792221	-1.26227	2.59507	13.8911	4.75813	1
cg25202070	COBL	0.0969942	0.660567	0.86117	-1.16121	0.442993	1.30286	1.30286	0.918878	0.96613	-1.03506	0.308991	0.700389	-1.42778	0.255572	1.49398	1.49398	0.957031	1.01839	1.01839	0.00317322	0.255851	-3.90852	0.264081	0.674531	-1.48251	0.907857	1.03994	1.03994	2.59506	4.70189	1.61054	1
cg24957609	TM7SF3	0.0969965	0.120807	0.501667	-1.99335	0.0238273	0.33094	-3.02169	0.0216968	0.32304	-3.09559	0.0287242	0.347217	-2.88004	0.202431	0.575927	-1.73633	0.148711	0.529914	-1.8871	0.245156	0.607479	-1.64615	0.988125	0.993916	-1.00612	0.0960269	0.47262	-2.11586	2.59504	6.90924	2.36665	1
cg16773563	DDX56	0.0970007	0.02144	0.108426	-9.22287	0.108884	0.245193	-4.07842	0.209772	0.345531	-2.8941	0.523634	1.68138	1.68138	0.0695519	0.195556	-5.11362	0.0855227	0.216956	-4.60923	0.0560419	0.175535	-5.69688	0.450704	0.539104	-1.85493	0.0442975	0.15609	-6.40656	2.59499	26.5635	9.09907	1
cg04925864	FAM65A	0.0970026	0.835008	1.04329	1.04329	0.364254	1.20855	1.20855	0.025823	1.71208	1.71208	0.736472	0.933678	-1.07103	0.467706	1.16199	1.16199	0.896612	1.02677	1.02677	0.0115538	0.526418	-1.89963	0.311829	0.808497	-1.23686	0.761863	1.0637	1.0637	2.59496	1.69649	0.581121	1
cg13069443	TSNARE1	0.0970079	0.0228585	0.54283	-1.8422	0.679762	0.911078	-1.0976	0.593874	0.886253	-1.12835	0.335583	1.24955	1.24955	0.0697909	1.57608	1.57608	0.235891	0.756779	-1.32139	0.047477	1.66308	1.66308	0.748416	1.07487	1.07487	0.943626	0.984259	-1.01599	2.5949	2.06872	0.708642	1
cg11582133	LOC729082	0.097008	0.504344	0.941372	-1.06228	0.00741239	1.36015	1.36015	0.532365	1.05802	1.05802	0.869682	0.985465	-1.01475	0.401533	0.926293	-1.07957	0.321761	0.912762	-1.09558	0.476327	0.937461	-1.06671	0.102724	0.85282	-1.17258	0.202532	0.886943	-1.12747	2.5949	0.3268	0.111946	1
cg06439982	SRRM2;LOC100128788;SRRM2	0.0970092	0.970547	1.00853	1.00853	0.0126549	0.490336	-2.03942	0.328668	0.79309	-1.26089	0.974545	0.99269	-1.00736	0.164197	1.40678	1.40678	0.039189	0.57769	-1.73103	0.418691	0.826954	-1.20926	0.688358	1.09714	1.09714	0.0981802	0.658962	-1.51754	2.59489	2.17286	0.744321	1
cg19127078	SNCAIP	0.0970107	0.313663	0.886847	-1.12759	0.299482	1.13192	1.13192	0.155674	1.19131	1.19131	0.0263868	1.35448	1.35448	0.241902	0.868361	-1.15159	0.224509	1.15839	1.15839	0.906055	1.0137	1.0137	0.276891	1.13919	1.13919	0.0215531	1.37447	1.37447	2.59487	0.545731	0.186943	1
cg09077934	APBA2;APBA2	0.0970134	0.0659133	2.98285	2.98285	0.244575	1.90554	1.90554	0.301338	1.76333	1.76333	0.112892	2.49422	2.49422	0.0569022	3.13084	3.13084	0.850166	1.10536	1.10536	0.0383608	3.56447	3.56447	0.335752	0.591114	-1.69172	0.0247965	4.1176	4.1176	2.59484	11.5295	3.94953	1
cg15719587	TSSC1	0.097014	0.21531	0.823781	-1.21392	0.274692	0.844575	-1.18403	0.0739158	1.34455	1.34455	0.809396	1.03657	1.03657	0.938481	0.988593	-1.01154	0.158853	1.25086	1.25086	0.0421189	1.41628	1.41628	0.16431	0.802078	-1.24676	0.123881	0.780612	-1.28105	2.59483	0.907871	0.311001	1
cg10313879	PRKCZ;PRKCZ;PRKCZ	0.0970148	0.74937	1.33377	1.33377	0.00780279	21.5191	21.5191	0.0114259	17.1907	17.1907	0.914284	1.10158	1.10158	0.794384	0.790814	-1.26452	0.766838	0.765528	-1.30629	0.703685	1.4097	1.4097	0.995407	0.994841	-1.00519	0.813333	0.808518	-1.23683	2.59483	33.1822	11.367	1
cg07800890	CUX1;CUX1;CUX1	0.0970157	0.182213	0.574595	-1.74036	0.348132	0.685206	-1.45942	0.834579	0.921421	-1.08528	0.00649977	0.250503	-3.99197	0.0226717	0.343787	-2.90878	0.380246	0.703108	-1.42226	0.768806	1.12227	1.12227	0.634695	0.829179	-1.20601	0.0937984	0.486195	-2.05679	2.59482	6.29424	2.15618	1
cg16127759	ALX3	0.0970185	0.113336	0.66973	-1.49314	0.105412	0.662607	-1.50919	0.861172	0.960093	-1.04157	0.807638	0.944829	-1.05839	0.140286	0.691344	-1.44646	0.0333977	0.560823	-1.78309	0.0284601	0.547947	-1.82499	0.528765	0.862027	-1.16006	0.121854	1.47719	1.47719	2.59478	2.22442	0.762015	1
cg13326840	POLA1	0.0970217	0.352998	0.631688	-1.58306	0.14359	0.469842	-2.12838	0.148719	0.475	-2.10526	0.0870833	0.403279	-2.47967	0.00575706	0.175623	-5.69401	0.358165	0.634973	-1.57487	0.0301024	0.293468	-3.40753	0.137455	0.463523	-2.15739	0.337846	0.621942	-1.60787	2.59475	9.49413	3.25243	1
cg01472075	CLEC18A;CLEC18A;CLEC18A	0.0970255	0.0273767	1.41217	1.41217	0.300602	1.15239	1.15239	0.201669	0.836701	-1.19517	0.492364	0.911919	-1.09659	0.0111981	1.52243	1.52243	0.730413	1.0468	1.0468	0.237292	1.17788	1.17788	0.497168	1.09544	1.09544	0.963018	0.993888	-1.00615	2.5947	0.718566	0.246165	1
cg04676463	YTHDC1;YTHDC1	0.0970293	0.0832104	0.773802	-1.29232	0.465708	0.905504	-1.10436	0.570672	1.07964	1.07964	0.0181943	0.681552	-1.46724	0.494555	1.09718	1.09718	0.792944	1.0358	1.0358	0.0675069	0.760408	-1.31508	0.25676	0.853619	-1.17148	0.1364	1.23931	1.23931	2.59466	0.734691	0.251693	1
cg00124920	C1orf220;C1orf220	0.0970317	0.111574	1.63592	1.63592	0.0363646	0.497427	-2.01034	0.0869867	0.58392	-1.71256	0.893073	0.963006	-1.03842	0.198925	1.4677	1.4677	0.355971	1.30638	1.30638	0.0674672	1.79418	1.79418	0.393935	1.27844	1.27844	0.904548	0.966934	-1.0342	2.7626	3.36454	0.947249	1
cg05329480	GNL1	0.0970323	0.606862	1.12629	1.12629	0.841745	0.955227	-1.04687	0.560535	0.87384	-1.14437	0.0494438	0.598262	-1.67151	0.205031	1.35853	1.35853	0.00537594	0.431777	-2.31601	0.501304	0.855227	-1.16928	0.760302	0.932286	-1.07263	0.38806	0.816517	-1.22471	2.59462	2.15754	0.739148	1
cg15983986	SHANK2;SHANK2	0.0970336	0.412978	0.699275	-1.43005	0.105703	0.469864	-2.12828	0.155763	0.522523	-1.91379	0.287826	1.60262	1.60262	0.0240856	0.316707	-3.15749	0.554212	1.29136	1.29136	0.637133	1.22516	1.22516	0.030061	0.336055	-2.97571	0.516588	1.32454	1.32454	2.59461	7.50592	2.57146	1
cg19836199	RUNX1	0.0970344	0.0393873	0.262732	-3.80616	0.0270792	0.230473	-4.3389	0.231583	0.494745	-2.02124	0.106258	0.371832	-2.68938	0.0883025	0.348284	-2.87122	0.979863	0.985944	-1.01426	0.161467	0.432308	-2.31317	0.778871	1.17102	1.17102	0.0234628	0.21914	-4.56329	2.5946	12.9254	4.42814	1
cg05540716	TRAF4	0.0970351	0.862039	0.962126	-1.03937	0.0538313	0.61511	-1.62573	0.236966	0.759547	-1.31657	0.230622	1.32201	1.32201	0.0197848	0.53543	-1.86766	0.770349	1.06713	1.06713	0.504128	1.16238	1.16238	0.739597	1.07686	1.07686	0.0916692	1.51019	1.51019	2.59459	2.02477	0.693673	1
cg26535723	SYT2;SYT2	0.0970366	0.323366	1.48111	1.48111	0.0483614	2.3837	2.3837	0.385983	1.40809	1.40809	0.42995	1.36376	1.36376	0.126923	1.88839	1.88839	0.946156	0.974327	-1.02635	0.0223673	2.86881	2.86881	0.00896815	3.59602	3.59602	0.224671	1.63417	1.63417	2.59458	6.09354	2.08762	1
cg06126829	HNF4A;HNF4A;HNF4A	0.0970369	0.533774	1.30391	1.30391	0.0144088	0.280847	-3.56065	0.291462	0.630701	-1.58554	0.124281	0.496185	-2.01538	0.254014	0.605587	-1.65129	0.851954	1.08184	1.08184	0.0200354	0.306776	-3.2597	0.690883	0.845096	-1.1833	0.074873	0.433716	-2.30565	2.59457	7.28582	2.49609	1
cg24350628	GADL1	0.0970397	0.020605	0.661279	-1.51222	0.275241	0.845055	-1.18335	0.0142354	0.638611	-1.5659	0.105672	0.769402	-1.29971	0.353759	0.86805	-1.15201	0.30167	0.853245	-1.172	0.0402984	0.70373	-1.421	0.0735612	0.74388	-1.3443	0.208172	0.821347	-1.21751	2.59454	0.9039	0.309676	1
cg18695917	FSTL5;FSTL5;FSTL5	0.0970401	0.46589	1.09591	1.09591	0.405721	1.1107	1.1107	0.0182061	1.42451	1.42451	0.915831	0.987037	-1.01313	0.914222	0.98679	-1.01339	0.947511	0.991907	-1.00816	0.0196309	0.706142	-1.41615	0.269848	0.867786	-1.15236	0.323696	1.13406	1.13406	2.59453	0.625936	0.214446	1
cg27554875	ZCCHC5	0.0970419	0.0825608	0.387079	-2.58345	0.0991776	0.409734	-2.44061	0.102273	0.413677	-2.41735	0.942377	1.03633	1.03633	0.0395231	0.308707	-3.23932	0.949263	0.969076	-1.03191	0.125191	2.26879	2.26879	0.422169	1.49889	1.49889	0.0936493	0.40249	-2.48453	2.59451	10.0124	3.43029	1
cg23301257	CYP2U1	0.0970447	0.663046	1.12034	1.12034	0.338578	1.29135	1.29135	0.478551	0.829662	-1.20531	0.497433	1.19549	1.19549	0.862632	1.04591	1.04591	0.0277542	0.509525	-1.96261	0.00986889	0.429479	-2.3284	0.826495	0.944687	-1.05855	0.375489	1.26586	1.26586	2.59448	2.76059	0.945797	1
cg15009328	ABCG5	0.0970448	0.0152358	0.452419	-2.21034	0.543384	0.848994	-1.17786	0.932097	1.02294	1.02294	0.248493	0.725388	-1.37857	0.0290872	0.504331	-1.98282	0.15428	0.666413	-1.50057	0.0332328	0.515613	-1.93944	0.1663	0.675156	-1.48114	0.0816847	0.5984	-1.67112	2.59448	2.91036	0.997113	1
cg12509004	ZC3HC1;ZC3HC1	0.0970468	0.609831	0.922288	-1.08426	0.253582	1.20612	1.20612	0.834592	1.03341	1.03341	0.630555	1.07914	1.07914	0.154795	0.787136	-1.27043	0.109201	1.31593	1.31593	0.0118284	0.610167	-1.63889	0.745427	1.05254	1.05254	0.146515	1.27757	1.27757	2.59446	1.01517	0.34781	1
cg14748380	FAM163A	0.0970491	0.0600025	9.50878	9.50878	0.0697137	8.61163	8.61163	0.95925	0.947209	-1.05573	0.117367	6.08243	6.08243	0.0607269	9.43378	9.43378	0.138097	5.44579	5.44579	0.0153456	23.537	23.537	0.655051	1.61174	1.61174	0.0516246	10.5001	10.5001	2.59443	46.2971	15.862	1
cg09164920	HMOX2;HMOX2;HMOX2;HMOX2;NMR AL1;HMOX2	0.0970509	0.0213473	0.376165	-2.65841	0.848052	1.07015	1.07015	0.114401	1.83479	1.83479	0.169176	0.595878	-1.6782	?	?	?	?	?	?	0.840201	1.07397	1.07397	0.12262	0.553606	-1.80634	0.423105	1.33535	1.33535	2.65927	4.0924	1.75877	1
cg16253249	NFATC1;NFATC1;NFATC1;NFATC1;NFAT C1	0.0970517	0.229469	0.640224	-1.56195	0.175626	0.600925	-1.6641	0.399874	1.3563	1.3563	0.313777	0.691825	-1.44545	0.00586961	0.279394	-3.57918	0.48524	0.778185	-1.28504	0.695718	0.87023	-1.14912	0.130469	1.7817	1.7817	0.653531	0.852331	-1.17325	2.5944	5.13863	1.76059	1
cg22609722	C5orf15	0.0970519	0.462751	0.826831	-1.20944	0.361522	1.26948	1.26948	0.0137826	0.46094	-2.16948	0.198675	0.707839	-1.41275	0.0206284	0.492038	-2.03236	0.475983	0.831617	-1.20248	0.0520042	0.569853	-1.75484	0.312187	0.766469	-1.30468	0.478519	0.832527	-1.20116	2.5944	2.65913	0.911068	1
cg00768409	BNC1	0.0970521	0.080893	2.43417	2.43417	0.06583	0.387245	-2.58235	0.251737	0.576761	-1.73382	0.199114	1.86565	1.86565	0.247879	1.74235	1.74235	0.313852	0.619558	-1.61405	0.355311	1.54809	1.54809	0.167372	0.50842	-1.96688	0.114146	2.2031	2.2031	2.5944	8.67991	2.9739	1
cg19815963	PKIB;PKIB;PKIB	0.0970547	0.0419139	1.99267	1.99267	0.309467	0.733965	-1.36246	0.0366396	0.489652	-2.04227	0.524042	1.2091	1.2091	0.713691	1.11446	1.11446	0.208125	0.676876	-1.47738	0.226113	1.45321	1.45321	0.224415	0.687096	-1.4554	0.168067	0.649206	-1.54034	2.59437	3.55324	1.21742	1
cg07449730	ZNF628	0.0970553	0.113063	0.696446	-1.43586	0.374887	0.826093	-1.21052	0.0179886	0.547185	-1.82754	0.707701	1.08221	1.08221	0.629198	0.902975	-1.10745	0.830443	0.956014	-1.04601	0.0417093	1.63633	1.63633	0.489511	0.863067	-1.15866	0.214535	1.31534	1.31534	2.59436	1.80799	0.619459	1
cg15063443	SFTA2	0.0970575	0.273149	0.596243	-1.67717	0.0971298	0.438	-2.2831	0.0260174	0.301839	-3.31303	0.733365	1.1677	1.1677	0.0115341	0.238714	-4.18911	0.0619484	0.385563	-2.59361	0.233902	0.567888	-1.76091	0.275969	0.598197	-1.67169	0.149789	0.496515	-2.01404	2.59434	8.44718	2.89423	1
cg16599298	CLRN2	0.0970593	0.0627567	0.590105	-1.69461	0.0259335	1.94645	1.94645	0.492934	0.839113	-1.19173	0.0317265	0.530327	-1.88563	0.69488	0.90547	-1.1044	0.90921	0.971673	-1.02915	0.419869	1.23073	1.23073	0.275133	0.751256	-1.3311	0.880814	1.03852	1.03852	2.59432	2.60726	0.893325	1
cg26840798	MYH11;MYH11;MYH11;MYH11	0.0970614	0.110716	0.470824	-2.12394	0.423297	0.701542	-1.42543	0.0237935	0.310564	-3.21995	0.758766	0.875018	-1.14283	0.0130568	0.263254	-3.79861	0.652744	0.821754	-1.21691	0.0348444	0.34438	-2.90377	0.104379	0.463266	-2.15859	0.220315	0.572035	-1.74815	2.59429	7.71883	2.64472	1
cg27155653	ARPC5;RGL1	0.0970619	0.245863	1.18905	1.18905	0.0399015	1.40334	1.40334	0.346375	1.14837	1.14837	0.827843	0.969406	-1.03156	0.339504	1.15079	1.15079	0.375488	1.13856	1.13856	0.011515	0.637065	-1.5697	0.573413	1.08455	1.08455	0.720313	0.950001	-1.05263	2.59429	0.836287	0.28654	1
cg14317056	LPAR1;LPAR1	0.0970642	0.697438	0.920282	-1.08662	0.441796	0.846391	-1.18149	0.637365	0.903966	-1.10624	0.0849686	0.666962	-1.49934	0.00732695	0.479451	-2.08572	0.922986	0.979649	-1.02077	0.324503	1.24154	1.24154	0.177504	1.35626	1.35626	0.370611	1.21591	1.21591	2.59426	1.85772	0.636525	1
cg24478310	MAK	0.0970691	0.716346	0.908927	-1.1002	0.0900035	0.613238	-1.63069	0.126648	1.54091	1.54091	0.929706	1.02336	1.02336	0.765312	1.08149	1.08149	0.0156014	2.17261	2.17261	0.733427	1.09358	1.09358	0.262551	1.35756	1.35756	0.0426672	1.84164	1.84164	2.5942	2.8136	0.964066	1
cg06564803	PDXDC2	0.0970695	0.0279952	0.535041	-1.86901	0.0798657	0.626112	-1.59716	0.205391	1.3797	1.3797	0.664139	1.11099	1.11099	0.188297	0.714735	-1.39912	0.148309	1.45289	1.45289	0.94464	1.01687	1.01687	0.207939	1.37694	1.37694	0.303972	1.29238	1.29238	2.5942	2.38461	0.817073	1
cg25619717	FEM1C	0.0970695	0.127551	0.421226	-2.37402	0.613216	1.30665	1.30665	0.562611	0.735538	-1.35955	0.416423	0.646743	-1.54621	0.0117722	0.191893	-5.21125	0.297569	0.567436	-1.76231	0.0302582	0.262713	-3.80643	0.368171	1.6242	1.6242	0.10941	0.400166	-2.49896	2.5942	11.3123	3.87611	1
cg12655059	ZNF496	0.09707	0.127746	0.225697	-4.43072	0.407443	0.464871	-2.15113	0.760945	0.758938	-1.31763	0.328091	0.401518	-2.49055	0.075182	0.166792	-5.99548	0.0468445	0.127841	-7.82223	0.0108173	0.0553813	-18.0566	0.0943961	0.189744	-5.27026	0.0370933	0.112135	-8.91782	2.59419	33.5725	11.5035	1
cg20610594	TMEM149;U2AF1L4;U2AF1L4	0.0970702	0.0514013	0.670134	-1.49224	0.0603593	0.682314	-1.4656	0.0418575	0.654885	-1.52698	0.766142	0.947593	-1.05531	0.0662716	0.689511	-1.4503	0.410622	0.859116	-1.16399	0.875792	1.02863	1.02863	0.15509	1.31601	1.31601	0.116573	0.735106	-1.36035	2.59419	1.33824	0.458541	1
cg03294164	DPY19L1	0.0970757	0.111367	0.601681	-1.66201	0.388066	0.771705	-1.29583	0.0733672	1.79479	1.79479	0.931969	0.975298	-1.02533	0.175924	0.656026	-1.52433	0.0398515	0.498562	-2.00577	0.0989785	0.588672	-1.69874	0.161432	1.54973	1.54973	0.957789	1.01563	1.01563	2.59413	3.52582	1.20814	1
cg01661350	KLHL1;KLHL1;ATXN8OS	0.0970764	0.264176	0.529353	-1.8891	0.884859	0.923859	-1.08242	0.375233	1.64443	1.64443	0.62585	0.76448	-1.30808	0.37721	0.609429	-1.64088	0.491579	0.682624	-1.46493	0.926651	1.05161	1.05161	0.00323761	8.97972	8.97972	0.898622	1.07215	1.07215	2.59412	12.2727	4.20529	1
cg16709517	TRIM26	0.0970767	0.0959193	0.290891	-3.43771	0.8942	0.914068	-1.09401	0.0865032	0.278411	-3.59181	0.0735111	0.259916	-3.84739	0.00681726	0.0937637	-10.6651	0.307987	0.490387	-2.0392	0.298854	0.483296	-2.06912	0.0971739	0.292504	-3.41876	0.0752328	0.262465	-3.81003	2.59412	18.7343	6.41943	1
cg20023102	NDFIP2;NDFIP2	0.097078	0.146004	0.605599	-1.65126	0.686679	1.13918	1.13918	0.343014	1.36878	1.36878	0.192955	0.642269	-1.55698	0.140241	0.600556	-1.66512	0.0204943	0.407718	-2.45267	0.165696	0.383435	-2.608	0.445618	0.778918	-1.28383	0.565587	0.82974	-1.2052	2.5941	4.24256	1.45375	1
cg19102271	C9orf40	0.097079	0.0191134	0.665167	-1.50338	0.655692	1.06664	1.06664	0.16934	0.810191	-1.23428	0.548251	0.916366	-1.09127	0.016239	0.655342	-1.52592	0.0411104	0.712627	-1.40326	0.619787	0.93062	-1.07455	0.142521	0.797223	-1.25435	0.23419	0.835867	-1.19636	2.59409	0.84913	0.290962	1
cg24033067	TSSK4	0.09708	0.216331	1.26289	1.26289	0.0909666	1.39658	1.39658	0.914899	0.981007	-1.01936	0.6609	1.08241	1.08241	0.266833	0.812586	-1.23064	0.0476331	0.666072	-1.50134	0.254336	0.807732	-1.23803	0.59276	0.907693	-1.10169	0.0240312	0.61701	-1.62072	2.59408	1.32218	0.453059	1
cg13621113	SFRS8	0.0970831	0.185389	0.681921	-1.46644	0.0520016	0.54736	-1.82695	0.121157	0.63246	-1.58113	0.522306	1.19336	1.19336	0.165798	0.668377	-1.49616	0.170774	0.67192	-1.48827	0.04025	0.52413	-1.90792	0.110378	1.60689	1.60689	0.730844	1.09871	1.09871	2.59404	3.05311	1.04619	1
cg25577130	CA4	0.0970842	0.0793501	0.401441	-2.49103	0.321167	0.618581	-1.6166	0.107935	0.439552	-2.27504	0.421899	1.46883	1.46883	0.0227348	0.278669	-3.58848	0.0164964	0.253383	-3.94659	0.120709	0.454447	-2.20047	0.27703	0.588718	-1.69861	0.582204	0.77075	-1.29744	2.59403	9.02239	3.09168	1
cg20440093	MUC4;MUC4;MUC4	0.0970879	0.020733	0.397501	-2.51572	0.688254	1.14296	1.14296	0.851145	0.939658	-1.06422	0.535617	1.231	1.231	0.010352	0.343016	-2.91532	0.0778766	0.5225	-1.91387	0.916195	1.03549	1.03549	0.69918	0.879285	-1.13729	0.385104	0.744522	-1.34314	2.59399	4.50937	1.54524	1
cg26325806	CEND1	0.0970881	0.932258	0.987233	-1.01293	0.126388	1.28391	1.28391	0.406646	0.879595	-1.13689	0.903631	1.01847	1.01847	0.0393842	0.697544	-1.4336	0.891267	0.979541	-1.02089	0.0160479	0.64057	-1.56111	0.0598795	0.725525	-1.37831	0.867145	0.975014	-1.02563	2.59399	0.93836	0.321551	1
cg10661724	ZNF585A;ZNF585A	0.0970901	0.549474	0.768511	-1.30122	0.110607	2.12942	2.12942	0.762235	0.87641	-1.14102	0.797025	0.893996	-1.11857	0.607245	0.79819	-1.25283	0.289527	0.620048	-1.61278	0.00860661	0.233006	-4.29173	0.032674	0.337331	-2.96444	0.834468	0.913039	-1.09524	2.59396	7.76519	2.66094	1
cg01459116	MGA;MGA	0.0970909	0.131953	0.560426	-1.78436	0.589448	1.21413	1.21413	0.0195987	0.366279	-2.73016	0.663665	0.85571	-1.16862	0.767643	0.899858	-1.11129	0.0147087	0.343219	-2.91359	0.130003	0.558522	-1.79044	0.416894	0.744178	-1.34376	0.366235	1.39179	1.39179	2.59395	5.21055	1.78554	1
cg19837790	CCNJ;CCNJ;CCNJ	0.0970935	0.18542	0.653549	-1.53011	0.633989	0.864778	-1.15637	0.966618	0.987404	-1.01276	0.1736	0.644993	-1.55041	0.760854	0.911684	-1.09687	0.34183	0.743297	-1.34536	0.779268	1.08883	1.08883	0.0129383	2.54581	2.54581	0.0530128	1.94638	1.94638	2.59392	3.76895	1.29155	1
cg05291025	NEU2	0.0970947	0.0476821	0.186781	-5.35385	0.728369	0.772348	-1.29475	0.188119	0.35582	-2.81041	0.262033	0.420413	-2.37861	0.0167269	0.114868	-8.70562	0.20352	0.369939	-2.70315	0.0125534	0.100237	-9.97633	0.31339	0.461836	-2.16527	0.0977366	0.26026	-3.84231	2.59391	22.5517	7.72809	1
cg19587887	PSKH2	0.0970972	0.682897	1.13333	1.13333	0.00469976	3.14189	3.14189	0.0258689	2.23921	2.23921	0.387546	1.30981	1.30981	0.2894	1.39807	1.39807	0.516067	1.2222	1.2222	0.536541	1.21011	1.21011	0.0766477	1.82225	1.82225	0.886652	1.04442	1.04442	2.59388	3.81455	1.3072	1
cg09890653	ZBTB16;ZBTB16;ZBTB16	0.0970977	0.800329	0.983547	-1.01673	0.582313	1.03703	1.03703	0.178402	0.910655	-1.09811	0.507173	0.956909	-1.04503	0.0129752	0.817238	-1.22363	0.138907	0.900982	-1.1099	0.537483	0.959954	-1.04172	0.211885	1.0899	1.0899	0.0877993	1.13127	1.13127	2.59388	0.176023	0.0603209	1
cg16142313	KIF13B	0.0971003	0.0457962	0.239656	-4.17266	0.265438	0.484765	-2.06286	0.107177	0.333805	-2.99576	0.399288	0.583683	-1.71326	0.00918697	0.126975	-7.8756	0.154962	0.386863	-2.5849	0.0316778	0.207716	-4.81427	0.742455	0.814043	-1.22844	0.120702	0.349913	-2.85786	2.59385	15.9924	5.48047	1
cg18551822	GMDS	0.0971031	0.376236	1.30041	1.30041	0.242185	0.701815	-1.42488	0.0474765	0.519005	-1.92676	0.620891	1.15514	1.15514	0.0238816	0.458516	-2.18095	0.380524	1.29719	1.29719	0.14674	1.56915	1.56915	0.781674	1.08368	1.08368	0.170598	0.655657	-1.52519	2.59381	3.4375	1.17802	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18861877	COX7C	0.0971041	0.0798512	0.562611	-1.77743	0.830042	0.938371	-1.06568	0.885647	1.0435	1.0435	0.111361	0.598579	-1.67062	0.0109473	0.388706	-2.57264	0.1876	0.661494	-1.51173	0.0270427	0.46088	-2.16976	0.680863	1.13018	1.13018	0.918266	0.970082	-1.03084	2.5938	3.59731	1.23279	1
cg23740245	WDR24	0.0971049	0.74361	0.902778	-1.10769	0.00690945	2.97289	2.97289	0.890469	1.04387	1.04387	0.336807	0.73447	-1.36153	0.527286	0.819058	-1.22091	0.180474	0.641987	-1.55766	0.127234	1.67192	1.67192	0.549713	0.828106	-1.20757	0.35805	0.744879	-1.3425	2.59379	3.98937	1.36715	1
cg06357925	PTPRO;PTPRO	0.0971053	0.655543	1.07488	1.07488	0.457588	1.12937	1.12937	0.194364	1.24709	1.24709	0.648083	1.07671	1.07671	0.782546	1.0455	1.0455	0.854288	1.03001	1.03001	0.0117544	0.602817	-1.65888	0.034367	0.672377	-1.48726	0.371711	1.15894	1.15894	2.59379	1.06257	0.364143	1
cg17358883	PITX2;PITX2	0.0971084	0.138855	2.15395	2.15395	0.539669	0.741519	-1.34858	0.464313	1.43147	1.43147	0.312817	0.604821	-1.65338	0.333971	0.618824	-1.61597	0.927922	0.95736	-1.04454	0.174189	0.498472	-2.00613	0.0088981	4.9687	4.9687	0.259031	1.76321	1.76321	2.59375	9.52874	3.26554	1
cg12317151	LPIN2	0.0971091	0.231403	1.34644	1.34644	0.26351	1.31813	1.31813	0.444373	1.20294	1.20294	0.958691	0.987801	-1.01235	0.528228	0.859483	-1.16349	0.447248	1.20149	1.20149	0.00384425	0.397255	-2.51727	0.873626	0.962983	-1.03844	0.861646	0.959506	-1.0422	2.59374	2.30676	0.790539	1
cg08088566	ANO9	0.0971098	0.185738	0.335665	-2.97916	0.900846	0.907578	-1.10183	0.196724	0.345802	-2.89183	0.361912	2.07324	2.07324	0.0654958	0.200214	-4.99465	0.115129	0.263738	-3.79165	0.00922576	0.0764404	-13.0821	0.150266	0.301267	-3.31931	0.118085	0.267069	-3.74435	2.59374	24.8649	8.52134	1
cg25201998	KCNN3;KCNN3	0.097111	0.0347544	0.354949	-2.8173	0.115948	0.487199	-2.05255	0.227707	0.586887	-1.7039	0.450656	0.723629	-1.38192	0.150507	0.522791	-1.91281	0.502419	1.33172	1.33172	0.0124916	0.270375	-3.69857	0.133085	0.505605	-1.97783	0.0723391	0.429992	-2.32563	2.59372	7.27615	2.49359	1
cg20847292	ARHGEF2;ARHGEF2;ARHGEF2	0.0971126	0.237339	1.42391	1.42391	0.0278051	2.10079	2.10079	0.0218214	2.19402	2.19402	0.171962	1.5145	1.5145	0.229606	0.697767	-1.43314	0.588506	1.16874	1.16874	0.278867	1.37908	1.37908	0.0453489	1.92584	1.92584	0.332405	1.33037	1.33037	2.5937	3.34777	1.14731	1
cg05236297	SYT16	0.0971131	0.0922075	1.37276	1.37276	0.136113	1.31591	1.31591	0.591328	0.911514	-1.09708	0.112977	1.34297	1.34297	0.256821	1.22422	1.22422	0.501469	0.889923	-1.12369	0.0882246	1.37928	1.37928	0.119832	0.749407	-1.33439	0.11541	0.746346	-1.33986	2.5937	1.20029	0.411351	1
cg17001765	PGBD2;PGBD2	0.0971132	0.0250038	0.415513	-2.40666	0.0978322	0.54985	-1.81868	0.286928	0.694783	-1.4393	0.530807	0.81132	-1.23256	0.0122206	0.357675	-2.79583	0.105613	0.558673	-1.78996	0.058985	0.495465	-2.01831	0.754856	1.10866	1.10866	0.374271	0.740562	-1.35033	2.5937	4.45518	1.52684	1
cg09070201	GNA13	0.0971138	0.249168	0.44801	-2.23209	0.19615	2.48726	2.48726	0.195406	2.49147	2.49147	0.492984	0.628671	-1.59066	0.0577497	0.239234	-4.18001	0.489418	0.626189	-1.59696	0.0173011	0.144753	-6.90833	0.896123	0.916605	-1.09098	0.106255	0.308529	-3.24119	2.59369	18.2553	6.25632	1
cg15555727	PYCRL	0.0971171	0.224834	0.853959	-1.17102	0.0537865	1.31148	1.31148	0.731129	1.04364	1.04364	0.602251	1.06728	1.06728	0.550478	1.07767	1.07767	0.56295	1.07511	1.07511	0.171579	0.835075	-1.1975	0.320648	1.13549	1.13549	0.00917718	1.50634	1.50634	2.59365	0.629893	0.215875	1
cg19860759	B3GNTL1	0.0971173	0.204148	1.30804	1.30804	0.0465145	0.63327	-1.57911	0.238326	0.780756	-1.28081	0.230891	0.77737	-1.28639	0.807338	0.952221	-1.05018	0.603551	1.11069	1.11069	0.0176163	1.78364	1.78364	0.776927	0.94467	-1.05857	0.328374	0.816969	-1.22404	2.59365	1.64941	0.56528	1
cg21220374	TSTD2;NCBP1	0.0971183	0.0139291	0.222986	-4.48459	0.626451	1.2742	1.2742	0.215955	0.525549	-1.90277	0.165647	0.481702	-2.07597	0.0183214	0.2431	-4.11353	0.45382	0.68595	-1.45783	0.0588615	0.348512	-2.86934	0.142813	0.459286	-2.17729	0.419428	0.66528	-1.50313	2.59364	10.0249	3.43571	1
cg26942930	CNTNAP2	0.0971206	0.0620012	0.367254	-2.72291	0.00439613	0.163202	-6.12737	0.0468526	0.338018	-2.95842	0.693621	0.828006	-1.20772	0.184226	0.510979	-1.95703	0.22024	0.540964	-1.84855	0.51219	0.728422	-1.37283	0.777837	0.873862	-1.14435	0.740636	0.853555	-1.17157	2.59361	9.33373	3.19888	1
cg26102683	ANKRD42	0.0971219	0.621596	0.831934	-1.20202	0.806572	1.09497	1.09497	0.177219	0.588369	-1.69961	0.0817341	2.04098	2.04098	0.17822	1.69728	1.69728	0.146388	1.77993	1.77993	0.0172176	0.341861	-2.92517	0.95918	0.981249	-1.01911	0.376108	1.39923	1.39923	2.5936	5.6182	1.92549	1
cg03069943	MLLT6	0.0971221	0.458825	0.847458	-1.18	0.198219	0.742017	-1.34768	0.378134	1.21948	1.21948	0.0748778	1.54544	1.54544	0.0189231	1.86581	1.86581	0.275913	1.28236	1.28236	0.104671	1.47573	1.47573	0.581078	0.884886	-1.13009	0.312769	0.79524	-1.25748	2.5936	1.97778	0.677834	1
cg00618291	SKI	0.0971232	0.110786	2.20984	2.20984	0.021324	3.53485	3.53485	0.0138234	4.00871	4.00871	0.161681	1.97778	1.97778	0.853657	0.919189	-1.08792	0.129195	2.11317	2.11317	0.0851593	2.38357	2.38357	0.15652	1.99698	1.99698	0.186818	1.89376	1.89376	2.59358	8.5544	2.93181	1
cg16573374	FAHD2B	0.0971234	0.527876	1.39239	1.39239	0.606277	1.30876	1.30876	0.0178323	4.43979	4.43979	0.123865	2.36911	2.36911	0.585671	0.752093	-1.32962	0.237836	1.89644	1.89644	0.014095	4.79835	4.79835	0.125711	2.35754	2.35754	0.562484	0.738549	-1.35401	2.59358	11.0035	3.77119	1
cg10626682	KRTAP25-1	0.0971241	0.0590356	0.323255	-3.09353	0.406934	1.56736	1.56736	0.168275	0.45943	-2.17661	0.188688	0.478197	-2.09119	0.612863	1.31034	1.31034	0.621683	0.768366	-1.30146	0.510392	1.4243	1.4243	0.0536576	0.313252	-3.19232	0.0158153	0.208862	-4.78786	2.59357	11.5264	3.95042	1
cg01835319	AGAP1;AGAP1	0.0971297	0.73736	1.06483	1.06483	0.199263	0.776359	-1.28806	0.0750583	0.690747	-1.44771	0.476054	0.873495	-1.14483	0.292273	1.22621	1.22621	0.488822	1.14024	1.14024	0.00866873	1.86724	1.86724	0.459946	1.15075	1.15075	0.782504	0.949663	-1.05301	2.59351	1.43081	0.490391	1
cg21730131	C17orf76;C17orf76	0.0971311	0.122854	0.751514	-1.33065	0.209085	0.797516	-1.25389	0.185509	0.786699	-1.27113	0.390699	0.860457	-1.16217	0.954624	0.990323	-1.00977	0.499911	1.12414	1.12414	0.00742882	1.80254	1.80254	0.713997	0.939037	-1.06492	0.687945	0.933332	-1.07143	2.59349	1.19942	0.411088	1
cg00357610	ANKRD50;ANKRD50;ANKRD50;ANKRD50	0.097132	0.403345	0.88558	-1.1292	0.54597	0.916833	-1.09071	0.866546	0.976384	-1.02419	0.692584	1.05809	1.05809	0.289609	1.16904	1.16904	0.614348	0.93035	-1.07486	0.00220047	0.543379	-1.84034	0.962266	0.9933	-1.00675	0.688884	0.944417	-1.05885	2.59348	0.829332	0.284245	1
cg09468207	CLDN11	0.0971333	0.332823	1.71973	1.71973	0.490439	0.683756	-1.46251	0.369672	0.606539	-1.6487	0.579065	1.35542	1.35542	0.196193	2.09952	2.09952	0.179566	2.1676	2.1676	0.00750522	6.47228	6.47228	0.190322	2.12271	2.12271	0.0564565	3.22858	3.22858	2.59347	12.0976	4.14634	1
cg05967295	SMURF1;SMURF1;SMURF1;SMURF1	0.0971349	0.0278348	1.65492	1.65492	0.904753	0.97707	-1.02347	0.0627098	1.50057	1.50057	0.0898243	1.4367	1.4367	0.164414	1.33304	1.33304	0.0308908	1.63418	1.63418	0.0497239	1.54308	1.54308	0.526838	1.13231	1.13231	0.0677097	1.48675	1.48675	2.59345	1.54238	0.528641	1
cg14871113	SUPT5H;SUPT5H;SUPT5H;SUPT5H	0.0971359	0.478854	1.38894	1.38894	?	?	?	0.00798071	0.199616	-5.00961	0.626083	0.799485	-1.2508	0.915566	1.04946	1.04946	0.837858	0.910929	-1.09778	0.264908	0.587268	-1.7028	0.0320411	0.309622	-3.22975	0.783297	1.13376	1.13376	2.78899	7.96443	2.49871	1
cg00095918	MAD1L1;MAD1L1;MAD1L1	0.0971364	0.306621	0.528092	-1.89361	0.0346356	0.226293	-4.41904	0.282311	0.509681	-1.96201	0.56836	0.706224	-1.41598	0.0278118	0.208355	-4.7995	0.0909868	0.325257	-3.07449	0.0118379	0.150213	-6.65719	0.930919	0.94904	-1.0537	0.139116	0.382763	-2.61258	2.59343	14.9472	5.12308	1
cg23725567	C11orf71;RBM7	0.0971374	0.858499	0.9384	-1.06564	0.0842407	0.506348	-1.97493	0.0321585	0.409001	-2.44498	0.603514	1.20523	1.20523	0.0480794	0.447111	-2.23658	0.0207227	0.370765	-2.69713	0.532505	0.798324	-1.25262	0.738386	1.12684	1.12684	0.533885	1.25165	1.25165	2.59342	5.21343	1.78689	1
cg12668523	COL18A1	0.0971375	0.307506	1.45782	1.45782	0.931231	0.969671	-1.03128	0.0446808	0.439347	-2.27611	0.287434	1.48309	1.48309	0.179739	0.601434	-1.66269	0.889988	0.951815	-1.05062	0.024755	0.385261	-2.59565	0.275546	1.49895	1.49895	0.201898	1.61743	1.61743	2.59342	5.22995	1.79255	1
cg04186606	MFSD7	0.0971375	0.941615	1.01817	1.01817	0.356983	1.26219	1.26219	0.0292978	0.532025	-1.87961	0.421138	0.817106	-1.22383	0.231125	0.734383	-1.36169	0.782845	0.934349	-1.07026	0.0739868	1.63139	1.63139	0.176489	0.702461	-1.42357	0.0390294	0.555908	-1.79886	2.59342	2.48123	0.850434	1
cg05163056	CSF3R;CSF3R;CSF3R;CSF3R	0.097138	0.0647187	0.255698	-3.91086	0.0182133	0.151939	-6.58158	0.650096	0.74068	-1.35011	0.384376	0.556405	-1.79725	0.0143998	0.137695	-7.26241	0.0809229	0.280235	-3.56843	0.0869678	0.288674	-3.46412	0.161524	0.374288	-2.67174	0.234179	0.440538	-2.26995	2.59341	17.7468	6.08269	1
cg18835078	PCDHGA1;PCDHGA1	0.0971406	0.120856	3.58915	3.58915	0.454688	1.78338	1.78338	0.242538	2.53232	2.53232	0.748508	1.27681	1.27681	0.167851	3.05463	3.05463	0.309009	2.22515	2.22515	0.00515067	16.5526	16.5526	0.0293269	7.0292	7.0292	0.859424	0.874001	-1.14416	2.59338	23.7041	8.12464	1
cg16596064	DMXL1	0.0971454	0.0494805	1.29849	1.29849	0.76487	0.965651	-1.03557	0.7653	1.0355	1.0355	0.122102	0.822623	-1.21562	0.119584	1.21751	1.21751	0.350205	0.893999	-1.11857	0.0946919	0.807325	-1.23866	0.0563266	1.28637	1.28637	0.738241	1.03986	1.03986	2.59333	0.557714	0.191162	1
cg20919844	TUSC4;CYB561D2;TUSC4	0.0971457	0.721155	1.05209	1.05209	0.0726651	1.32809	1.32809	0.641172	1.06877	1.06877	0.163432	1.2346	1.2346	0.944165	0.990125	-1.00997	0.126515	1.2639	1.2639	0.0132837	0.647444	-1.54454	0.381497	1.13562	1.13562	0.229546	1.19559	1.19559	2.59333	0.824558	0.282626	1
cg22777949	SNORA52;RPLP2	0.0971472	0.203367	1.22981	1.22981	0.287936	0.843682	-1.18528	0.23819	0.82667	-1.20967	0.642096	0.930426	-1.07478	0.0415585	0.696251	-1.43626	0.292648	0.845181	-1.18318	0.0781992	1.35185	1.35185	0.131993	1.28464	1.28464	0.20573	1.22834	1.22834	2.59331	0.974935	0.334171	1
cg10507582	RFC3;RFC3;RFC3;RFC3	0.0971484	0.550854	0.929328	-1.07605	0.660415	0.947721	-1.05516	0.452696	0.911274	-1.09736	0.629277	0.942634	-1.06086	0.191565	1.18284	1.18284	0.734422	0.959488	-1.04222	0.00362041	0.619882	-1.61321	0.315831	0.881654	-1.13423	0.289916	1.14271	1.14271	2.5933	0.605823	0.207655	1
cg01596963	LRRN4CL	0.0971485	0.34772	2.15951	2.15951	0.0150273	10.8064	10.8064	0.0718704	4.95341	4.95341	0.0994159	4.21278	4.21278	0.500393	1.72403	1.72403	0.236339	2.68602	2.68602	0.0361836	6.95701	6.95701	0.0231523	8.68844	8.68844	0.199946	2.93936	2.93936	2.59329	26.0425	8.92645	1
cg01963134	CPNE8;CPNE8	0.0971487	0.118186	14.4449	14.4449	0.297325	5.47805	5.47805	0.222703	7.51589	7.51589	0.0903213	18.8776	18.8776	0.283103	0.172814	-5.78657	0.103129	16.5511	16.5511	0.533059	0.370164	-2.7015	0.00965502	173.363	173.363	0.722532	1.7528	1.7528	2.59329	101.769	34.8828	1
cg26001030	RABGAP1L	0.0971498	0.223621	0.818233	-1.22215	0.0669276	1.38022	1.38022	0.0337084	1.47569	1.47569	0.820857	1.03623	1.03623	0.298103	1.18439	1.18439	0.0822685	1.3526	1.3526	0.228223	0.820015	-1.21949	0.43487	1.13316	1.13316	0.0677478	1.37858	1.37858	2.59328	1.01108	0.346566	1
cg02278499	NR2F2;NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	0.0971533	0.0203293	0.612455	-1.63277	0.0754744	0.706897	-1.41463	0.187339	0.782745	-1.27756	0.0691802	0.700199	-1.42817	0.229908	0.801872	-1.24708	0.132913	0.752623	-1.32869	0.50373	0.887864	-1.1263	0.0163241	0.597695	-1.67309	0.750206	1.05758	1.05758	2.59324	1.26191	0.432545	1
cg04108706	QSOX1;QSOX1	0.097155	0.057567	0.720624	-1.38769	0.362895	1.15335	1.15335	0.394422	0.875396	-1.14234	0.306311	0.850792	-1.17538	0.0195747	0.650264	-1.53784	0.626967	0.928003	-1.07758	0.112493	1.30161	1.30161	0.37378	0.869976	-1.14946	0.0906396	0.752454	-1.32898	2.59322	0.955963	0.327679	1
cg05865613	DKFZP686I15217;DKFZP686I15217	0.0971562	0.284191	0.861472	-1.1608	0.0269826	1.42053	1.42053	0.271792	1.1657	1.1657	0.395125	1.12381	1.12381	0.975476	1.00413	1.00413	0.310277	0.868736	-1.1511	0.463976	0.904928	-1.10506	0.0385221	1.37888	1.37888	0.0642892	1.32131	1.32131	2.59321	0.737777	0.252892	1
cg11768148	KIAA1586	0.0971563	0.970956	1.00946	1.00946	0.0153296	0.463268	-2.15858	0.0248684	0.501422	-1.99433	0.291275	0.753439	-1.32725	0.0695152	0.591642	-1.69021	0.109123	0.636563	-1.57094	0.368589	1.26965	1.26965	0.618734	0.87836	-1.13848	0.912121	0.971863	-1.02895	2.5932	2.74493	0.940896	1
cg02859098	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.0971581	0.380659	0.760027	-1.31574	0.238925	0.686355	-1.45697	0.177065	1.54931	1.54931	0.145697	1.6107	1.6107	0.138596	0.614765	-1.62664	0.0181517	0.4167	-2.39981	0.530313	0.823674	-1.21407	0.203194	1.50664	1.50664	0.414934	0.77547	-1.28954	2.59318	3.82424	1.31087	1
cg01686348	SOX2OT;SOX2	0.0971633	0.0736366	0.588746	-1.69852	0.846444	0.949801	-1.05285	0.599249	1.15126	1.15126	0.0411506	0.534805	-1.86984	0.0113693	0.430968	-2.32036	0.446236	0.813633	-1.22906	0.049846	0.551987	-1.81164	0.177849	0.683619	-1.4628	0.301553	0.752518	-1.32887	2.59313	2.89803	0.993408	1
cg09895920	CREB3L4;SLC39A1	0.0971645	0.300698	0.268395	-3.72585	0.874764	1.21343	1.21343	0.526193	2.19837	2.19837	0.171564	0.16776	-5.96089	0.00953965	0.017835	-56.0694	0.116695	0.123616	-8.08956	0.0800878	0.092399	-10.8226	0.419955	2.74735	2.74735	0.113529	0.120992	-8.26504	2.59311	61.7807	21.1777	1
cg13774505	FREQ	0.0971663	0.426334	1.67207	1.67207	0.0161905	6.4339	6.4339	0.0077477	8.7101	8.7101	0.200358	2.35387	2.35387	0.80915	1.16548	1.16548	0.736277	0.807407	-1.23853	0.137624	2.75085	2.75085	0.215552	2.28176	2.28176	0.604576	1.39182	1.39182	2.59309	16.4495	5.63874	1
cg01791421	HTR6	0.0971667	0.156573	0.796914	-1.25484	0.0843289	1.33116	1.33116	0.59081	1.08471	1.08471	0.254805	0.836846	-1.19496	0.105755	0.767434	-1.30304	0.0589367	0.726496	-1.37647	0.0642872	1.36537	1.36537	0.850966	0.972216	-1.02858	0.464649	0.894504	-1.11794	2.59309	0.921646	0.315933	1
cg26027482	ERC1;ERC1;ERC1;ERC1;ERC1	0.0971671	0.300367	0.883545	-1.1318	0.192822	1.17235	1.17235	0.0239725	1.3644	1.3644	0.13267	1.20585	1.20585	0.0226476	1.37004	1.37004	0.644135	1.05513	1.05513	0.312346	0.886411	-1.12814	0.652692	0.949079	-1.05365	0.947736	0.992465	-1.00759	2.59308	0.546638	0.187383	1
cg05877497	MEIS1	0.0971709	0.0524649	0.0951551	-10.5092	0.36171	0.367844	-2.71854	0.528867	0.506344	-1.97494	0.216281	0.24958	-4.00674	0.0771776	0.122948	-8.13352	0.132645	0.177141	-5.64522	0.0107472	0.0327466	-30.5375	0.0436344	0.0842207	-11.8736	0.0588621	0.102693	-9.73773	2.59304	46.7282	16.0183	1
cg16268563	ATP6V1G2;NFKBIL1;NFKBIL1;ATP6V1G2	0.097174	0.023949	0.327771	-3.05091	0.283856	1.58569	1.58569	0.16313	1.85221	1.85221	0.0731402	0.437132	-2.28764	0.824204	1.0965	1.0965	0.456395	0.730455	-1.36901	0.532501	1.29925	1.29925	0.883973	1.06233	1.06233	0.0518574	0.400078	-2.49952	2.593	7.04119	2.41374	1
cg27628932	METT10D	0.0971743	0.424322	0.902037	-1.1086	0.0440271	0.746475	-1.33963	0.26846	0.86447	-1.15678	0.165487	1.20551	1.20551	0.0790177	0.781593	-1.27944	0.490539	0.915313	-1.09252	0.0839785	1.27329	1.27329	0.101342	0.797182	-1.25442	0.259997	0.862032	-1.16005	2.593	0.655668	0.224765	1
cg20148857	COX5B	0.0971752	0.178644	0.762132	-1.31211	0.522025	1.13129	1.13129	0.11603	0.722729	-1.38364	0.352201	0.833603	-1.19961	0.826059	1.04273	1.04273	0.100473	0.710304	-1.40785	0.0186839	1.71922	1.71922	0.592748	1.10809	1.10809	0.157834	0.750453	-1.33253	2.59299	1.48411	0.508761	1
cg03283929	NETO2	0.0971753	0.0881121	0.606337	-1.64925	0.130477	0.6478	-1.54369	0.54754	0.850609	-1.17563	0.291485	0.747523	-1.33775	0.0222136	0.482525	-2.07243	0.357405	1.28611	1.28611	0.304766	1.32649	1.32649	0.263661	1.36311	1.36311	0.212325	1.41798	1.41798	2.59299	2.90239	0.994953	1
cg20249327	RNF39;RNF39	0.0971772	0.0508484	5.31659	5.31659	0.0241864	7.52773	7.52773	0.25844	2.42447	2.42447	0.131086	3.40204	3.40204	0.292784	2.26988	2.26988	0.718331	1.31264	1.31264	0.157902	3.10805	3.10805	0.0247391	7.44796	7.44796	0.0259647	7.28027	7.28027	2.59297	23.1657	7.94138	1
cg24902858	TECTA	0.0971796	0.010032	0.243272	-4.11062	0.946472	0.971219	-1.02963	0.745032	0.867689	-1.15249	0.274694	0.609992	-1.63936	0.0415888	0.359926	-2.77835	0.184321	0.542006	-1.845	0.0310526	0.332559	-3.00699	0.509219	0.74735	-1.33806	0.0783331	0.427164	-2.34102	2.59294	7.76848	2.66312	1
cg19497511	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.0971797	0.0360166	0.185367	-5.3947	0.0319394	0.176025	-5.68101	0.0760662	0.255593	-3.91247	0.226742	0.416003	-2.40383	0.0188264	0.139946	-7.14563	0.590758	0.68719	-1.4552	0.140675	0.334482	-2.9897	0.180011	0.373821	-2.67507	0.0582558	0.227871	-4.38845	2.59294	19.612	6.72322	1
cg04622176	SEC23IP;SEC23IP	0.0971848	0.00628798	0.136359	-7.33356	0.348508	0.582586	-1.71648	0.367204	1.67955	1.67955	0.848163	1.11327	1.11327	?	?	?	0.830534	1.12747	1.12747	0.889263	0.924978	-1.08111	0.144678	0.416043	-2.4036	0.240488	1.98954	1.98954	2.62182	11.5657	4.41133	1
cg14780132	DCHS2;DCHS2	0.0971854	0.00776441	0.440029	-2.27258	0.788633	0.937515	-1.06665	0.346631	0.792373	-1.26203	0.0614991	0.603009	-1.65835	0.191552	0.717477	-1.39377	0.824495	0.948062	-1.05478	0.25386	0.751167	-1.33126	0.0442575	0.574133	-1.74176	0.0519647	0.588042	-1.70056	2.59287	2.36791	0.811767	1
cg10993409	PROS1	0.0971863	0.405136	1.33246	1.33246	0.0883033	0.530604	-1.88465	0.676178	0.868009	-1.15206	0.436927	0.765488	-1.30636	0.809986	1.08456	1.08456	0.281046	1.45872	1.45872	0.0106659	0.338997	-2.94988	0.0966652	1.84886	1.84886	0.780155	0.910017	-1.09888	2.59286	4.66327	1.59867	1
cg05133900	SLC25A1	0.0971901	0.923314	1.01744	1.01744	0.0233256	1.62705	1.62705	0.135265	1.33529	1.33529	0.510063	0.886917	-1.1275	0.312808	1.20623	1.20623	0.460522	0.873771	-1.14446	0.0218974	0.610236	-1.63871	0.579326	1.1058	1.1058	0.854556	1.0335	1.0335	2.59282	1.32447	0.454065	1
cg24864683	LHX4	0.0971909	0.344528	0.832964	-1.20053	0.553884	0.893686	-1.11896	0.542895	1.12256	1.12256	0.214078	0.782274	-1.27832	0.0138095	0.564821	-1.77047	0.168456	0.759211	-1.31716	0.00951764	0.539809	-1.85251	0.958644	1.00978	1.00978	0.472755	0.871896	-1.14693	2.59281	1.44694	0.496052	1
cg13731609	SNX16;SNX16;SNX16	0.097193	0.010916	0.488284	-2.04799	0.37717	0.816019	-1.22546	0.204316	0.740415	-1.35059	0.613692	0.892072	-1.12099	0.0651729	0.628439	-1.59124	0.986044	1.00393	1.00393	0.02421	0.547238	-1.82736	0.263636	0.769937	-1.29881	0.0555112	0.614529	-1.62726	2.59279	2.06712	0.708675	1
cg18263559	TOP3B	0.097193	0.294271	0.456665	-2.18979	0.230138	0.403668	-2.47728	0.854474	1.14144	1.14144	0.280724	0.445804	-2.24314	0.0463915	0.193215	-5.17557	0.0807159	0.24768	-4.03747	0.00782358	0.0854679	-11.7003	0.657366	1.3794	1.3794	0.101445	0.274687	-3.64051	2.59279	21.3191	7.30887	1
cg03939464	NOB1	0.0971948	0.893458	1.07756	1.07756	0.638886	0.768175	-1.30179	0.277005	1.88516	1.88516	0.265	1.91868	1.91868	0.386933	0.608835	-1.64248	0.00428149	0.107153	-9.33245	0.389005	0.610229	-1.63873	0.567476	1.3808	1.3808	0.68755	1.253	1.253	2.76048	13.2974	3.74661	1
cg23927769	TOMM6	0.0971953	0.0778498	0.819803	-1.2198	0.549085	0.940381	-1.0634	0.00882411	1.40224	1.40224	0.195261	0.870315	-1.14901	0.54127	1.06471	1.06471	0.579141	1.05845	1.05845	0.421182	1.08689	1.08689	0.792907	1.02704	1.02704	0.233744	1.13494	1.13494	2.59276	0.422188	0.144741	1
cg06242751	GOLGA3	0.0971958	0.0819353	0.765713	-1.30597	0.260279	0.849916	-1.17659	0.0308332	1.42073	1.42073	0.660775	1.06307	1.06307	0.334407	1.14783	1.14783	0.426506	0.893644	-1.11901	0.190287	1.21179	1.21179	0.221828	1.19462	1.19462	0.0719599	1.32073	1.32073	2.59275	0.787593	0.270015	1
cg07557790	CAND2;CAND2	0.0971981	0.0796815	1.35066	1.35066	0.0107686	1.64076	1.64076	0.785378	1.04309	1.04309	0.25375	1.20226	1.20226	0.298241	1.18133	1.18133	0.0193498	1.54822	1.54822	0.0479136	1.41838	1.41838	0.453435	1.12528	1.12528	0.268624	1.19491	1.19491	2.59273	0.980807	0.336259	1
cg03457142	EIF4E3;EIF4E3	0.0971989	0.0468578	0.26561	-3.76492	0.0202303	0.195641	-5.11139	0.241482	0.489507	-2.04287	0.348678	0.569988	-1.75442	0.25079	0.497002	-2.01206	0.229059	0.479302	-2.08637	0.0101295	0.151078	-6.6191	0.110197	0.362645	-2.75752	0.151635	0.408584	-2.44748	2.59272	13.9398	4.77911	1
cg04013733	PPP2R3A	0.0971995	0.806505	0.916152	-1.09152	0.109016	0.535964	-1.8658	0.00400594	0.251578	-3.97492	0.243094	1.54634	1.54634	0.349088	0.70894	-1.41056	0.694948	0.868802	-1.15101	0.867212	1.06154	1.06154	0.497001	1.27901	1.27901	0.504266	0.785195	-1.27357	2.59271	5.2291	1.79275	1
cg23037932	KIR3DX1	0.0972014	0.0825899	0.329259	-3.03712	0.399781	0.607704	-1.64554	0.0960564	0.347808	-2.87515	0.961852	1.02802	1.02802	0.016291	0.183163	-5.45961	0.741833	0.826116	-1.21048	0.0294244	0.227168	-4.40203	0.573781	0.720067	-1.38876	0.0307775	0.230882	-4.33121	2.59269	13.7102	4.70045	1
cg27450557	GPR37L1	0.0972058	0.430122	1.2244	1.2244	0.149513	1.47473	1.47473	0.505507	0.843799	-1.18512	0.0120989	2.19554	2.19554	0.309131	0.767517	-1.3029	0.280699	1.32561	1.32561	0.426232	1.22659	1.22659	0.0358691	1.84732	1.84732	0.122777	1.52248	1.52248	2.59264	2.59484	0.889642	1
cg10826733	FLNC;FLNC	0.0972065	0.153505	1.76965	1.76965	0.0372228	2.4676	2.4676	0.806303	0.91233	-1.09609	0.746981	1.12851	1.12851	0.539151	1.26139	1.26139	0.328585	1.45735	1.45735	0.0073963	3.62871	3.62871	0.0368779	2.47294	2.47294	0.569655	1.23938	1.23938	2.59263	5.72792	1.96383	1
cg20963429	TEX2	0.0972076	0.128218	0.676022	-1.47924	0.735077	1.08423	1.08423	0.260181	1.32266	1.32266	0.941346	0.982632	-1.01768	0.755093	0.928203	-1.07735	0.0447286	0.577732	-1.73091	0.227258	1.35232	1.35232	0.24524	1.33562	1.33562	0.0219057	0.519564	-1.92469	2.59262	2.32788	0.798123	1
cg13769609	SHANK2	0.0972083	0.787607	0.886951	-1.12746	0.296793	1.62101	1.62101	0.14548	0.495682	-2.01742	0.775342	0.880627	-1.13555	0.0490406	0.360978	-2.77025	0.844566	1.0911	1.0911	0.0168947	0.262879	-3.80404	0.421947	0.693866	-1.4412	0.0274087	0.304195	-3.28737	2.7603	8.43997	2.37815	1
cg07410044	TEX261	0.0972085	0.141346	0.721163	-1.38665	0.133169	0.715466	-1.39769	0.033788	0.599137	-1.66907	0.385623	0.832085	-1.2018	0.276361	1.26365	1.26365	0.497318	1.15305	1.15305	0.112137	1.42976	1.42976	0.422601	1.18446	1.18446	0.158412	1.36562	1.36562	2.59261	1.75385	0.601315	1
cg02570054	TROAP;TROAP;TROAP;TROAP	0.0972094	0.776543	1.03633	1.03633	0.0372188	1.35436	1.35436	0.00662179	1.55593	1.55593	0.643792	1.06014	1.06014	0.177065	1.19716	1.19716	0.723301	0.956393	-1.04559	0.910422	1.01422	1.01422	0.771072	1.03727	1.03727	0.0524545	1.31863	1.31863	2.5926	0.645914	0.221456	1
cg25955565	SNORD56B	0.0972119	0.249333	1.44736	1.44736	0.405771	0.77013	-1.29848	0.0578527	0.517605	-1.93197	0.0231044	0.434231	-2.30292	0.0351133	0.470571	-2.12508	0.992453	0.9971	-1.00291	0.253895	1.44179	1.44179	0.900173	0.962194	-1.03929	0.941049	1.02297	1.02297	2.59257	3.87218	1.32762	1
cg10213875	UPP1;UPP1	0.097215	0.049067	22.8516	22.8516	0.123122	10.2391	10.2391	0.8188	1.37654	1.37654	0.230041	5.77655	5.77655	0.517493	0.400975	-2.49392	0.222893	5.95203	5.95203	0.439765	0.333752	-2.99624	0.0116243	80.8756	80.8756	0.091558	13.2958	13.2958	2.59253	79.6382	27.3052	1
cg08275454	SLC44A2	0.0972154	0.0341894	0.621278	-1.60959	0.789609	1.05286	1.05286	0.0176003	0.573326	-1.74421	0.048416	0.647699	-1.54393	0.0498525	0.649967	-1.53854	0.682388	0.923814	-1.08247	0.992783	0.99826	-1.00174	0.521642	0.882409	-1.13326	0.107719	0.713137	-1.40225	2.59253	1.52315	0.522236	1
cg17055274	VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEG	0.0972161	0.936724	1.01139	1.01139	0.00416369	1.7293	1.7293	0.565113	1.08648	1.08648	0.0961309	1.29771	1.29771	0.664643	0.939688	-1.06418	0.683529	0.943221	-1.0602	0.21346	0.829575	-1.20544	0.756962	0.956693	-1.04527	0.855832	1.02628	1.02628	2.59252	0.835173	0.286353	1
cg10114359	RAB3IP;RAB3IP;RAB3IP;RAB3IP	0.0972172	0.982657	1.00623	1.00623	0.0129682	0.414394	-2.41316	0.449526	1.24626	1.24626	0.871562	0.954828	-1.04731	0.0595498	0.54471	-1.83584	0.183508	0.668221	-1.49651	0.0264716	0.471592	-2.12048	0.583955	0.85386	-1.17115	0.169184	0.65807	-1.51959	2.59251	3.35107	1.14897	1
cg13925678	FZR1;FZR1;FZR1	0.0972201	0.960363	1.0078	1.0078	0.466931	1.12264	1.12264	0.131656	0.775451	-1.28957	0.0101993	1.65897	1.65897	0.0734849	1.36594	1.36594	0.430424	0.881822	-1.13402	0.117753	1.30403	1.30403	0.621867	1.08078	1.08078	0.867576	0.974259	-1.02642	2.59248	1.00265	0.343781	1
cg24115627	HSD3B7;HSD3B7;HSD3B7;SETD1A	0.0972214	0.998651	0.999706	-1.00029	0.00392012	1.96494	1.96494	0.215989	1.25427	1.25427	0.123978	1.33623	1.33623	0.509643	0.890137	-1.12342	0.886327	1.0252	1.0252	0.705248	1.06835	1.06835	0.270231	1.22109	1.22109	0.0894234	1.38519	1.38519	2.59246	1.24296	0.426179	1
cg18473153	MST1;RNF123	0.0972217	0.152185	0.581545	-1.71956	0.211823	0.629018	-1.58978	0.241692	1.53959	1.53959	0.718445	1.13505	1.13505	0.324548	1.42974	1.42974	0.0754666	0.494765	-2.02116	0.0564434	2.15992	2.15992	0.170317	1.67466	1.67466	0.104869	1.87447	1.87447	2.76013	5.23212	1.47436	1
cg01453814	SLC6A16	0.0972231	0.417613	1.47492	1.47492	0.00631586	0.18854	-5.3039	0.214828	0.541952	-1.84518	0.591071	0.775341	-1.28975	0.0469113	0.343998	-2.907	0.0655243	0.379192	-2.63719	0.529578	0.741727	-1.34821	0.779394	0.87657	-1.14081	0.860001	0.920516	-1.08635	2.59244	9.03648	3.0984	1
cg27241190	RND1	0.0972242	0.0402086	0.569286	-1.75659	0.0520915	0.591462	-1.69072	0.740938	1.08205	1.08205	0.460881	1.19533	1.19533	0.0507912	1.69704	1.69704	0.469601	1.19107	1.19107	0.316551	0.781849	-1.27902	0.597533	1.13499	1.13499	0.214669	1.36405	1.36405	2.59243	2.31923	0.795215	1
cg17054691	P4HB	0.0972245	0.297673	1.88212	1.88212	0.182015	2.29276	2.29276	0.771204	0.842989	-1.18626	0.397987	0.602347	-1.66017	0.0779998	0.317552	-3.14909	0.162171	0.417189	-2.39699	0.0263815	0.213866	-4.67583	0.171777	2.34461	2.34461	0.353523	1.74921	1.74921	2.59242	14.0878	4.8304	1
cg17095147	WDR1;WDR1	0.0972255	0.101192	3.55604	3.55604	0.53507	1.55894	1.55894	0.666833	0.736294	-1.35815	0.0486522	4.91249	4.91249	0.470835	1.67952	1.67952	0.295658	2.15226	2.15226	0.269288	0.443452	-2.25503	0.00736566	11.4857	11.4857	0.622301	1.42041	1.42041	2.59241	20.5124	7.03331	1
cg22813430	KRT7	0.0972282	0.0932171	2.12585	2.12585	0.311606	0.652117	-1.53347	0.0307008	0.354623	-2.8199	0.445466	1.3739	1.3739	0.159378	0.541094	-1.84811	0.613541	1.23119	1.23119	0.413216	0.710597	-1.40727	0.0592775	2.38606	2.38606	0.523698	1.30203	1.30203	2.59238	6.84837	2.3482	1
cg10575261	ZNF454	0.0972292	0.234102	1.20875	1.20875	0.328945	0.858007	-1.16549	0.171655	1.24755	1.24755	0.505205	1.10823	1.10823	0.789968	1.04141	1.04141	0.172005	0.801738	-1.24729	0.0216086	0.657522	-1.52086	0.730832	0.948865	-1.05389	0.0563338	1.38882	1.38882	2.59237	0.948496	0.325226	1
cg11817993	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATX	0.0972336	0.24748	1.44135	1.44135	0.554888	1.1979	1.1979	0.82816	1.06793	1.06793	0.564555	1.19253	1.19253	0.208029	1.49382	1.49382	0.947304	0.980215	-1.02018	0.00440198	3.15658	3.15658	0.0238591	2.25956	2.25956	0.999251	1.00028	1.00028	2.59232	3.75297	1.28687	1
cg17856915	FOXN3;FOXN3	0.0972347	0.909032	1.01667	1.01667	0.259911	1.18532	1.18532	0.592967	0.924911	-1.08118	0.183076	1.22675	1.22675	0.223529	1.20323	1.20323	0.641164	0.934349	-1.07026	0.00644733	0.598996	-1.66946	0.216685	0.828565	-1.20691	0.609615	0.928204	-1.07735	2.59231	0.859264	0.294637	1
cg09367901	BMP4;BMP4;BMP4	0.0972358	0.990866	0.995847	-1.00417	0.177485	0.593904	-1.68377	0.0431018	2.33048	2.33048	0.0686329	2.09798	2.09798	0.928753	1.03305	1.03305	0.824087	1.08431	1.08431	0.574947	1.22873	1.22873	0.246397	1.55378	1.55378	0.0115968	3.14968	3.14968	2.5923	5.42637	1.86068	1
cg02224755	IFT140	0.0972384	0.769356	0.934654	-1.06992	0.198217	1.3669	1.3669	0.0120948	0.487198	-2.05255	0.324793	1.26327	1.26327	0.147234	0.699441	-1.42971	0.390475	1.22415	1.22415	0.085379	1.54821	1.54821	0.704423	0.916128	-1.09155	0.891022	0.968983	-1.03201	2.59227	2.16885	0.743701	1
cg00196414	EVX2	0.0972416	0.595986	0.878182	-1.13872	0.771455	0.931733	-1.07327	0.576522	1.1468	1.1468	0.536984	0.859188	-1.16389	0.646508	0.893951	-1.11863	0.716474	1.09258	1.09258	0.795996	1.06492	1.06492	0.00473699	2.48623	2.48623	0.0378602	1.79417	1.79417	2.59223	2.41966	0.829714	1
cg23267665	PRDM2;PRDM2;PRDM2	0.097243	0.0112249	0.551849	-1.81209	0.174632	0.76324	-1.3102	0.424673	0.858505	-1.16482	0.991728	1.00194	1.00194	0.0743399	0.689309	-1.45073	0.180332	1.30502	1.30502	0.923452	0.982177	-1.01815	0.789337	0.951127	-1.05138	0.0516856	0.66075	-1.51343	2.59221	1.43754	0.492943	1
cg00726046	PKIG;PKIG;PKIG	0.0972467	0.634365	0.853645	-1.17145	0.0870192	1.86668	1.86668	0.0443253	2.14447	2.14447	0.531788	1.23267	1.23267	0.252684	0.673947	-1.4838	0.462406	0.781084	-1.28027	0.193496	0.634808	-1.57528	0.0307391	0.432529	-2.31198	0.939756	0.975345	-1.02528	2.59217	4.47827	1.53566	1
cg20960392	AK3L1;AK3L1;AK3L1	0.0972496	0.823819	1.08723	1.08723	0.521259	0.783614	-1.27614	0.636152	0.836327	-1.19571	0.868929	1.0639	1.0639	0.00382121	0.231606	-4.31768	0.934211	0.969509	-1.03145	0.0585399	0.448633	-2.22899	0.775888	0.898481	-1.11299	0.0824721	0.486066	-2.05733	2.59214	5.77502	1.98035	1
cg09178261	EPHA2	0.0972501	0.636899	0.829064	-1.20618	0.139252	1.87268	1.87268	0.143316	1.85903	1.85903	0.878913	0.941667	-1.06195	0.0978089	0.488666	-2.04639	0.0465118	2.45682	2.45682	0.841347	1.08222	1.08222	0.0198447	3.03052	3.03052	0.460588	1.3447	1.3447	2.59213	6.38098	2.18815	1
cg05351302	ADAM22;ADAM22;ADAM22;ADAM22;ADAM22	0.0972552	0.00884331	0.510838	-1.95757	0.976391	0.994053	-1.00598	0.515992	1.14195	1.14195	0.71589	0.928978	-1.07645	0.756632	0.939268	-1.06466	0.140878	0.726717	-1.37605	0.97897	1.00533	1.00533	0.113452	0.706698	-1.41503	0.0232606	0.578897	-1.72742	2.59207	1.66762	0.57187	1
cg06659380	WDFY2	0.0972552	0.946726	0.979875	-1.02054	0.664685	1.14189	1.14189	0.990644	1.00357	1.00357	0.313732	0.728341	-1.37298	0.84822	0.943373	-1.06003	0.151051	0.626173	-1.597	0.459718	0.79532	-1.25736	0.00454961	3.15752	3.15752	0.290865	0.716434	-1.3958	2.59207	3.79979	1.30304	1
cg07992340	AARS	0.0972582	0.314793	0.688118	-1.45324	0.551117	0.805039	-1.24218	0.572466	1.22764	1.22764	0.0350825	2.4179	2.4179	0.711586	1.14287	1.14287	0.40204	0.734615	-1.36126	0.520809	0.791325	-1.2637	0.00849098	3.34702	3.34702	0.90058	0.956051	-1.04597	2.59204	5.30851	1.82045	1
cg17119568	PRKACA	0.0972592	0.707051	0.94969	-1.05297	0.0154321	1.50133	1.50133	0.102352	1.27688	1.27688	0.372621	1.13332	1.13332	0.776363	1.03971	1.03971	0.0295631	0.70449	-1.41947	0.652525	0.939912	-1.06393	0.797918	1.0357	1.0357	0.491843	1.10016	1.10016	2.59203	0.767405	0.263168	1
cg10538030	PHF12;PHF12	0.0972595	0.938241	1.02563	1.02563	0.455831	1.28147	1.28147	0.105714	0.561548	-1.78079	0.900463	0.959964	-1.04171	0.603907	0.842906	-1.18637	0.00392253	3.55203	3.55203	0.933098	1.0278	1.0278	0.603279	1.18673	1.18673	0.275425	1.44846	1.44846	2.59203	4.3771	1.50105	1
cg06512263	CDKAL1	0.0972618	0.358837	0.688319	-1.45281	0.555728	0.789849	-1.26607	0.0418657	0.395173	-2.53053	0.181503	0.570355	-1.75329	0.00799938	0.260409	-3.84011	0.941003	0.971124	-1.02973	0.50311	0.764136	-1.30867	0.730976	1.1464	1.1464	0.0317376	0.369113	-2.7092	2.592	6.43314	2.20615	1
cg11084518	MAP7D1	0.0972623	0.119708	1.80296	1.80296	0.123749	1.78967	1.78967	0.0921574	1.91023	1.91023	0.137367	1.74831	1.74831	0.934507	1.02911	1.02911	0.0134517	2.91065	2.91065	0.178952	1.64622	1.64622	0.0606418	2.09277	2.09277	0.0299525	2.43906	2.43906	2.59199	5.00396	1.71604	1
cg19378376	TMEM120B	0.0972623	0.179775	0.81234	-1.23101	0.0117716	0.631947	-1.58241	0.971138	0.994736	-1.00529	0.173595	0.809611	-1.23516	0.659672	1.06678	1.06678	0.0362014	0.700954	-1.42663	0.903127	1.01792	1.01792	0.91057	1.01653	1.01653	0.197704	1.21972	1.21972	2.59199	0.873585	0.299584	1
cg22952287	H2BFWT;MIR1256	0.0972662	0.121801	0.380306	-2.62946	0.524886	0.689762	-1.44977	0.043672	0.262691	-3.80675	0.127516	0.386786	-2.58541	0.0184716	0.192583	-5.19258	0.538605	0.698456	-1.43173	0.01313	0.169844	-5.88776	0.538536	0.698412	-1.43182	0.130442	0.390042	-2.56383	2.59195	13.6397	4.67763	1
cg22121570	LOC145845	0.0972669	0.176306	0.302488	-3.30591	0.0505435	0.156699	-6.38167	0.146247	0.273283	-3.65921	0.4644	0.538295	-1.85772	?	?	?	0.115365	0.240801	-4.1528	0.0116504	0.0726309	-13.7683	0.0772145	0.195128	-5.12484	0.0807217	0.199688	-5.00781	2.62085	25.5252	9.73927	1
cg23302989	C7orf31	0.0972678	0.0734848	0.338139	-2.95737	0.580445	1.35439	1.35439	0.322206	0.573701	-1.74307	0.0231104	0.228578	-4.37488	0.0581009	0.312311	-3.20194	0.620949	1.31107	1.31107	0.108413	0.38614	-2.58973	0.873528	1.09041	1.09041	0.0417754	0.279412	-3.57895	2.59193	12.1195	4.1563	1
cg16255697	HTR2C;MIR1911	0.097268	0.100793	0.235011	-4.25512	0.928238	0.929995	-1.07527	0.342596	0.454844	-2.19855	0.6135	0.663417	-1.50735	0.448212	0.536475	-1.86402	0.0906073	0.222644	-4.49148	0.00788713	0.0641834	-15.5804	0.355071	2.15222	2.15222	0.0489458	0.163418	-6.11928	2.59193	26.6477	9.13871	1
cg23625592	SAPS2	0.0972711	0.607484	1.24846	1.24846	0.279124	1.61922	1.61922	0.0655683	2.4233	2.4233	0.568239	1.28022	1.28022	0.0142655	0.27404	-3.64911	0.601383	1.25327	1.25327	0.55371	0.773694	-1.2925	0.640132	0.817365	-1.22344	0.0834784	0.440183	-2.27178	2.59189	7.53027	2.5825	1
cg24720580	ACOT4	0.0972711	0.641167	0.839811	-1.19074	0.841129	0.928071	-1.0775	0.0314057	0.391081	-2.55701	0.932551	0.969007	-1.03198	0.297026	0.668898	-1.495	0.394978	0.723228	-1.38269	0.159916	1.74803	1.74803	0.0165759	2.96967	2.96967	0.564708	1.24175	1.24175	2.59189	5.67861	1.94748	1
ch.1.4798357R	RGS7	0.0972724	0.0474941	0.325335	-3.07376	0.0219814	0.256394	-3.90024	0.0375312	0.302599	-3.30471	0.0380806	0.303956	-3.28995	0.245116	0.547601	-1.82615	0.264535	0.562132	-1.77894	0.0448038	0.319552	-3.12938	0.136591	0.451861	-2.21307	0.385431	0.643554	-1.55387	2.59188	10.0715	3.45402	1
cg25002551	KDM1A;KDM1A	0.0972737	0.386659	1.13065	1.13065	0.706769	0.949048	-1.05369	0.190795	0.825562	-1.2113	0.48898	1.10215	1.10215	0.295396	0.860578	-1.16201	0.00526017	1.66401	1.66401	0.670543	0.942506	-1.061	0.380805	0.883032	-1.13246	0.422381	0.892792	-1.12008	2.59186	0.786013	0.269566	1
cg00335361	GPR52;RABGAP1L	0.0972739	0.109998	3.33092	3.33092	0.113803	3.28162	3.28162	0.0869707	3.68971	3.68971	0.105647	3.39028	3.39028	0.445376	1.71143	1.71143	0.560124	1.50223	1.50223	0.0992632	3.48376	3.48376	0.00802933	10.4429	10.4429	0.0404391	5.12846	5.12846	2.59186	19.5836	6.71626	1
cg26645401	SWAP70	0.0972739	0.271284	0.65203	-1.53367	0.068733	0.467321	-2.13986	0.590548	0.816421	-1.22486	0.243739	0.634169	-1.57687	0.456448	0.753359	-1.32739	0.884042	0.946963	-1.05601	0.00397367	0.235476	-4.24672	0.140792	0.553456	-1.80683	0.0640785	0.459764	-2.17503	2.59186	5.72386	1.96302	1
cg27469810	CETN1	0.0972782	0.0173169	0.538558	-1.85681	0.327713	1.24073	1.24073	0.211408	0.75496	-1.32457	0.0292023	0.57775	-1.73085	0.194948	0.74625	-1.34003	0.0476449	0.616571	-1.62187	0.909239	1.02465	1.02465	0.865681	0.964501	-1.03681	0.334373	0.808509	-1.23685	2.59181	1.87108	0.641707	1
cg24308584	PPP2R2C;PPP2R2C	0.0972786	0.321188	1.207	1.207	0.194151	1.2868	1.2868	0.00490793	1.98219	1.98219	0.211303	0.78526	-1.27346	0.915843	1.01959	1.01959	0.771933	1.0548	1.0548	0.153874	1.32345	1.32345	0.690524	0.929171	-1.07623	0.540675	0.892533	-1.12041	2.59181	1.38317	0.474372	1
cg25556582	CHCHD8;PAAF1	0.0972797	0.820931	1.05102	1.05102	0.0818481	1.5269	1.5269	0.0659771	1.57266	1.57266	0.586273	1.1282	1.1282	0.155798	1.3956	1.3956	0.361061	0.813761	-1.22886	0.0181753	0.532856	-1.87668	0.480917	1.1703	1.1703	0.647394	1.10637	1.10637	2.59179	1.97768	0.678272	1
cg19101893	CCDC23;ERMAP	0.0972808	0.0849018	0.631543	-1.58342	0.0126638	0.473536	-2.11177	0.529135	0.857449	-1.16625	0.994557	0.998356	-1.00165	0.55816	1.15356	1.15356	0.132591	1.47915	1.47915	0.961688	0.98848	-1.01165	0.0495467	0.582452	-1.71688	0.751657	0.926277	-1.07959	2.59178	2.38848	0.819163	1
cg06250059	PIGL	0.0972822	0.195632	1.95682	1.95682	0.522761	1.36727	1.36727	0.50313	0.720128	-1.38864	0.0129265	0.199737	-5.00659	?	?	?	0.223407	1.87005	1.87005	?	?	?	0.417034	0.669136	-1.49446	0.389507	1.53354	1.53354	3.05707	8.28462	2.32285	1
cg07967632	LRRK1	0.0972852	0.21544	0.362232	-2.76066	0.794375	0.815928	-1.2256	0.171516	0.32182	-3.10733	0.584437	0.650412	-1.53749	0.0151301	0.0978244	-10.2224	0.0282954	0.133099	-7.51323	0.0161271	0.100978	-9.90314	0.236928	0.380954	-2.62499	0.716453	0.752702	-1.32855	2.59173	24.8986	8.53949	1
cg17857691	TMEM206	0.0972853	0.523556	0.879664	-1.1368	0.67419	0.919558	-1.08748	0.0148001	0.55169	-1.81261	0.815292	0.954649	-1.04751	0.00738479	0.504273	-1.98305	0.651392	0.913738	-1.09441	0.519574	1.13824	1.13824	0.952499	1.01189	1.01189	0.192713	0.760765	-1.31447	2.59173	1.61467	0.553787	1
cg19004594	MATN4;MATN4;MATN4	0.0972854	0.335395	1.35038	1.35038	0.0227148	2.28104	2.28104	0.0715381	1.83766	1.83766	0.644646	1.15077	1.15077	0.160385	1.57378	1.57378	0.130191	0.610014	-1.63931	0.305347	1.37844	1.37844	0.0519602	1.95156	1.95156	0.560836	0.837086	-1.19462	2.59173	3.75322	1.28725	1
cg21908972	PPAP2C;PPAP2C;PPAP2C	0.097289	0.78012	0.916086	-1.0916	0.044507	2.05978	2.05978	0.443189	0.782822	-1.27743	0.161859	1.59646	1.59646	0.586574	1.18764	1.18764	0.851997	1.06024	1.06024	0.186132	1.55113	1.55113	0.00699159	2.98163	2.98163	0.141173	1.64148	1.64148	2.59169	4.0258	1.38076	1
cg11320143	GDAP2;GDAP2;WDR3	0.0972917	0.320809	0.77236	-1.29473	0.460065	0.827457	-1.20852	0.512436	1.1821	1.1821	0.224943	0.725457	-1.37844	0.0892363	0.623813	-1.60304	0.162351	1.45591	1.45591	0.0412748	1.80906	1.80906	0.857326	0.955696	-1.04636	0.0523403	1.7431	1.7431	2.59166	2.60272	0.892683	1
cg00408231	ARMCX1	0.0972938	0.516595	0.566635	-1.76481	0.781572	0.78656	-1.27136	0.373997	0.454647	-2.19951	0.397696	0.473316	-2.11276	0.394671	0.470938	-2.12342	0.181931	0.294103	-3.40016	0.00181928	0.0217474	-45.9824	0.74882	1.31981	1.31981	0.589577	0.624741	-1.60066	2.59163	30.6239	10.5035	1
cg04874286	FGD6	0.0972963	0.0955507	0.365402	-2.73671	0.942319	0.960994	-1.04059	0.28849	0.545603	-1.83284	0.747461	0.837251	-1.19438	0.0226844	0.223152	-4.48125	0.206026	0.480254	-2.08223	0.0141863	0.189428	-5.27905	0.229854	1.99912	1.99912	0.523835	0.701037	-1.42646	2.5916	12.4085	4.25596	1
cg15321195	AGPAT3	0.0972978	0.106326	0.693823	-1.44129	0.383131	1.20367	1.20367	0.998177	0.999527	-1.00047	0.0243884	0.573504	-1.74367	0.923546	1.0201	1.0201	0.7314	0.931071	-1.07403	0.38949	0.832947	-1.20056	0.567448	1.12727	1.12727	0.0224357	1.76273	1.76273	2.59159	1.76335	0.604813	1
cg00689330	SETDB2;SETDB2	0.0972979	0.741338	0.916109	-1.09157	0.725295	1.09781	1.09781	0.865297	0.956083	-1.04593	0.674621	1.11816	1.11816	0.0114649	0.433123	-2.30881	0.238938	1.38575	1.38575	0.454942	1.22301	1.22301	0.547222	1.17483	1.17483	0.0236654	0.489412	-2.04327	2.59159	2.87192	0.985041	1
cg24947451	PDIA3P	0.0972981	0.0867536	3.47783	3.47783	0.396586	1.77175	1.77175	0.24506	2.22809	2.22809	0.188171	2.50625	2.50625	0.0672757	3.86159	3.86159	0.629875	1.37703	1.37703	0.0087619	9.02358	9.02358	0.0406224	4.74743	4.74743	0.0587133	4.08318	4.08318	2.59158	17.818	6.11141	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09774565	RNASEH1	0.0973001	0.268455	1.58737	1.58737	0.488284	1.32612	1.32612	0.0418401	2.56093	2.56093	0.569248	1.25936	1.25936	0.0379338	0.381064	-2.62423	0.0712727	0.445906	-2.24263	0.458233	1.35365	1.35365	0.23859	0.609673	-1.64022	0.729331	1.14941	1.14941	2.59156	6.5964	2.26252	1
cg20821442	ATXN7L1;ATXN7L1	0.0973035	0.108237	0.248919	-4.01738	0.519142	0.598853	-1.66986	0.374117	2.04856	2.04856	0.453379	0.548972	-1.82159	0.0189822	0.100975	-9.9034	0.126663	0.269981	-3.70397	0.0120382	0.0788207	-12.687	0.235429	0.375083	-2.66607	0.280133	0.413026	-2.42116	2.75907	26.222	7.39196	1
cg27470554	FCGR2A;FCGR2A;FCGR2A;FCGR2A	0.0973042	0.130759	0.410811	-2.43421	0.286268	0.546769	-1.82893	0.576609	0.735266	-1.36005	0.0583206	0.31149	-3.21038	0.0318089	0.253646	-3.9425	0.0151033	0.196358	-5.09273	0.146381	0.427426	-2.33959	0.0377522	0.268833	-3.71978	0.131208	0.411305	-2.43129	2.59152	12.1991	4.18429	1
cg01830674	RQCD1;USP37	0.0973067	0.230743	1.16807	1.16807	0.0296435	1.37213	1.37213	0.048437	1.3213	1.3213	0.121406	1.2306	1.2306	0.57582	1.07235	1.07235	0.0737424	1.27931	1.27931	0.235098	0.857467	-1.16623	0.22683	1.16975	1.16975	0.0497345	1.31863	1.31863	2.59149	0.626693	0.214958	1
cg09439754	HSD17B2	0.0973071	0.33768	0.728778	-1.37216	0.0478795	2.06277	2.06277	0.285412	0.701066	-1.4264	0.298167	1.41228	1.41228	0.221289	0.662624	-1.50915	0.143727	1.65342	1.65342	0.37355	0.746474	-1.33963	0.0278823	2.29742	2.29742	0.577866	1.19716	1.19716	2.59148	4.20541	1.44247	1
cg15442678	ROBO1;ROBO1;ROBO1;ROBO1	0.0973091	0.0522423	0.18088	-5.52853	0.0666521	0.203387	-4.91673	0.441303	0.544374	-1.83697	0.515549	0.600117	-1.66634	0.767456	1.25817	1.25817	0.119492	0.270246	-3.70033	0.0136834	0.0942814	-10.6065	0.0350988	0.149373	-6.69466	0.144231	0.296744	-3.36991	2.59146	24.6185	8.44433	1
cg24141135	MARS	0.0973105	0.0160639	0.293331	-3.40912	0.987198	0.993344	-1.0067	0.642028	0.822944	-1.21515	0.976963	1.01209	1.01209	0.0137948	0.281673	-3.55022	0.619599	1.23159	1.23159	0.82177	0.910358	-1.09847	0.582345	1.26011	1.26011	0.189279	1.78395	1.78395	2.59144	7.11112	2.43918	1
cg24541457	APBB2;APBB2;APBB2	0.0973164	0.286947	0.777523	-1.28614	0.464679	0.844208	-1.18454	0.101763	0.665197	-1.50331	0.0313762	1.77642	1.77642	0.100195	1.50667	1.50667	0.3967	0.820767	-1.21837	0.855131	1.04247	1.04247	0.251855	0.761528	-1.31315	0.0932123	0.656875	-1.52236	2.59138	2.12572	0.729159	1
cg22537167	IQSEC3	0.0973174	0.0414178	0.221679	-4.51103	0.932181	1.05603	1.05603	0.979073	1.01694	1.01694	0.863524	1.1165	1.1165	0.0290895	0.192538	-5.19379	0.438987	0.603147	-1.65797	0.0168866	0.154601	-6.46828	0.0621631	0.260547	-3.83808	0.221928	0.439433	-2.27566	2.59136	16.8383	5.77588	1
cg04628174	PDE11A;PDE11A;PDE11A	0.0973175	0.052553	6.38536	6.38536	0.613323	1.53514	1.53514	0.251907	2.73675	2.73675	0.869754	1.14802	1.14802	0.453321	0.525941	-1.90135	0.480078	1.82911	1.82911	0.0046705	23.6599	23.6599	0.118315	4.16348	4.16348	0.276045	2.59366	2.59366	2.59136	29.038	9.9606	1
cg05229965	ADAM12;ADAM12	0.0973177	0.0487163	0.199624	-5.00943	0.19567	0.375501	-2.66311	0.417611	0.552727	-1.80921	0.125789	0.305522	-3.27309	0.164587	0.346005	-2.89013	0.275146	0.443686	-2.25385	0.00674204	0.0809275	-12.3567	0.0535022	0.208113	-4.80508	0.0918955	0.264969	-3.77402	2.59136	21.0258	7.21228	1
cg22834998	STC2;STC2	0.0973178	0.0227379	0.576704	-1.73399	0.567975	1.12358	1.12358	0.533234	0.880379	-1.13587	0.0480476	0.633678	-1.57809	0.9668	0.991632	-1.00844	0.218395	1.2987	1.2987	0.0625347	0.654972	-1.52678	0.0853358	0.681135	-1.46814	0.899111	1.02594	1.02594	2.59136	1.67271	0.573774	1
cg26910465	ADAL;ADAL;LCMT2	0.0973214	0.385798	1.15099	1.15099	0.170527	1.25967	1.25967	0.245973	1.21157	1.21157	0.0473564	1.43168	1.43168	0.00442591	1.82351	1.82351	0.372972	1.15565	1.15565	0.972636	0.994589	-1.00544	0.4854	0.893931	-1.11865	0.747657	1.05238	1.05238	2.59132	1.02673	0.352194	1
cg21716804	LGR4	0.0973221	0.846856	1.02235	1.02235	0.162817	1.18568	1.18568	0.0023129	1.62674	1.62674	0.714999	0.958943	-1.04281	0.437213	1.09483	1.09483	0.7425	0.963012	-1.03841	0.711892	0.958481	-1.04332	0.903005	1.01403	1.01403	0.830949	0.975857	-1.02474	2.59131	0.536334	0.183977	1
cg11216616	RAB35;RAB35	0.0973239	0.0912101	0.619047	-1.61539	0.148455	1.49119	1.49119	0.00871893	2.36687	2.36687	0.945204	0.982436	-1.01788	0.377528	0.791814	-1.26292	0.977107	0.99263	-1.00742	0.905369	0.969806	-1.03113	?	?	?	0.865424	0.957214	-1.0447	2.62018	2.45148	0.935612	1
cg16708895	SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.0973267	0.0392377	0.399281	-2.5045	0.375789	0.704824	-1.41879	0.362988	0.697811	-1.43305	0.840138	0.925216	-1.08083	0.383489	0.70899	-1.41046	0.696365	1.16291	1.16291	0.00531182	0.243243	-4.11112	0.0781497	0.470861	-2.12377	0.186585	0.583433	-1.71399	2.59126	6.07824	2.08504	1
cg27057288	CLTB;CLTB	0.0973271	0.269805	1.19088	1.19088	0.0200213	0.652665	-1.53218	0.222723	0.823004	-1.21506	0.042331	1.42691	1.42691	0.224146	1.21426	1.21426	0.190393	1.23468	1.23468	0.674045	1.06642	1.06642	0.716977	1.05691	1.05691	0.989094	1.00208	1.00208	2.59125	0.948515	0.325373	1
cg18828966	AKAP13;AKAP13;AKAP13	0.0973322	0.251954	1.41791	1.41791	0.464037	1.2429	1.2429	0.129764	1.6121	1.6121	0.245485	1.42536	1.42536	0.0488737	0.518791	-1.92756	0.0908484	1.72203	1.72203	0.0175531	2.32386	2.32386	0.761856	1.09273	1.09273	0.664653	1.13571	1.13571	2.59119	3.49364	1.19846	1
cg10203523	MRFAP1L1	0.0973365	0.691974	1.06038	1.06038	0.653211	0.935581	-1.06885	0.0584927	1.36988	1.36988	0.976855	0.995738	-1.00428	0.992221	0.998566	-1.00144	0.183005	0.812184	-1.23125	0.00915222	0.61425	-1.628	0.376117	0.874827	-1.14308	0.267668	1.18531	1.18531	2.59115	0.889561	0.305163	1
cg03454705	FOXK2	0.0973388	0.165503	1.21813	1.21813	0.347753	1.13765	1.13765	0.98874	0.998119	-1.00188	0.720758	1.04905	1.04905	0.294139	0.864885	-1.15622	0.195722	1.20025	1.20025	0.0113141	1.52673	1.52673	0.0872616	0.777344	-1.28643	0.479087	0.908475	-1.10075	2.59112	0.730304	0.250532	1
cg15510373	TFR2	0.0973395	0.285793	1.40014	1.40014	0.135147	1.63067	1.63067	0.162997	1.57162	1.57162	0.266945	1.42069	1.42069	0.0164444	0.41064	-2.43522	0.351849	0.747597	-1.33762	0.841997	0.941204	-1.06247	0.117297	1.67616	1.67616	0.412918	1.28936	1.28936	2.59111	3.78275	1.29768	1
cg08597319	AZIN1;AZIN1	0.0973396	0.202959	1.16591	1.16591	0.227541	1.15567	1.15567	0.713321	1.04305	1.04305	0.303994	1.12929	1.12929	0.439413	1.09425	1.09425	0.89133	0.984509	-1.01574	0.00742868	0.674481	-1.48262	0.610223	0.942972	-1.06048	0.13846	1.19982	1.19982	2.59111	0.535338	0.183649	1
cg27636536	AGBL5;AGBL5	0.0973423	0.0106549	1.93082	1.93082	0.0920172	1.46238	1.46238	0.476085	1.16008	1.16008	0.0573412	1.55358	1.55358	0.729358	0.931303	-1.07376	0.172572	0.742693	-1.34645	0.61099	0.900219	-1.11084	0.886931	0.971267	-1.02958	0.972252	1.00715	1.00715	2.59108	1.72315	0.591139	1
cg18555698	TEAD1	0.0973458	0.06979	0.27931	-3.58025	0.0258674	0.189381	-5.28037	0.0590213	0.261575	-3.82299	0.19848	0.425381	-2.35083	0.0136678	0.146853	-6.80951	0.171804	0.400539	-2.49664	0.135501	0.363495	-2.75107	0.125775	0.352733	-2.83501	0.773875	0.834273	-1.19865	2.59104	16.2353	5.56971	1
cg02484850	MYH9;MYH9	0.0973462	0.882927	1.02044	1.02044	0.154553	0.811177	-1.23278	0.632949	1.06831	1.06831	0.848469	1.02662	1.02662	0.236292	1.18581	1.18581	0.446049	1.11257	1.11257	0.00380825	0.585133	-1.70901	0.585704	0.927198	-1.07852	0.776768	0.961714	-1.03981	2.59104	0.773951	0.265514	1
cg07536419	PC;PC;PC	0.0973469	0.788117	1.06847	1.06847	0.135765	0.673499	-1.48478	0.328782	0.780503	-1.28123	0.727381	0.917549	-1.08986	0.620457	0.884499	-1.13058	0.0487729	0.575036	-1.73902	0.0335306	1.84151	1.84151	0.0821082	1.60576	1.60576	0.343097	0.786517	-1.27143	2.59103	2.48066	0.851024	1
cg07870252	GNA11	0.097349	0.589404	1.14672	1.14672	0.975328	0.99226	-1.0078	0.212976	0.719239	-1.39036	0.0117759	0.453638	-2.2044	?	?	?	0.759026	1.08038	1.08038	0.0773721	1.63776	1.63776	0.196851	1.40894	1.40894	0.999519	1.00015	1.00015	2.61989	2.32858	0.888808	1
cg10013316	MEGF6	0.0973502	0.546885	0.859684	-1.16322	0.247254	1.34989	1.34989	0.282174	0.757936	-1.31937	0.992147	1.00244	1.00244	0.314153	0.772479	-1.29453	0.0116047	2.18698	2.18698	0.0861097	0.624814	-1.60048	0.231993	0.732808	-1.36461	0.399082	0.807271	-1.23874	2.59099	2.52377	0.865828	1
cg17808866	EXOC2	0.0973518	0.801166	1.07062	1.07062	0.939577	1.02071	1.02071	0.0498519	0.54611	-1.83113	0.279696	0.737924	-1.35515	0.138157	1.53991	1.53991	0.276639	1.35799	1.35799	0.0267922	2.03293	2.03293	0.233971	1.40134	1.40134	0.134671	1.54677	1.54677	2.59097	3.00108	1.02959	1
cg04455180	CDC42BPA;CDC42BPA	0.0973521	0.44997	1.14472	1.14472	0.0659827	1.43643	1.43643	0.0915984	1.38563	1.38563	0.145932	1.31533	1.31533	0.0322652	1.55308	1.55308	0.730382	0.941068	-1.06262	0.106609	0.733925	-1.36254	0.74162	1.05981	1.05981	0.0795017	1.4074	1.4074	2.59097	1.26501	0.433989	1
cg20828122	BHLHA9	0.0973531	0.595682	0.941812	-1.06178	0.276409	1.13512	1.13512	0.0217057	0.734557	-1.36136	0.0681899	0.795637	-1.25686	0.0491317	0.777694	-1.28585	0.907684	0.987098	-1.01307	0.798045	1.02912	1.02912	0.461185	0.919449	-1.08761	0.0399496	0.766588	-1.30448	2.59096	0.514236	0.176421	1
cg04556646	PHF21B;PHF21B	0.0973534	0.100645	0.600449	-1.66542	0.491302	1.21931	1.21931	0.0633111	0.553015	-1.80827	0.0960081	0.595405	-1.67953	0.07779	0.573526	-1.7436	0.06577	0.556747	-1.79615	0.784026	1.08104	1.08104	0.142112	1.56464	1.56464	0.23072	0.700033	-1.4285	2.59095	3.30149	1.13266	1
cg04774822	NADSYN1	0.0973561	0.390621	0.865967	-1.15478	0.516536	1.1136	1.1136	0.273143	0.829792	-1.20512	0.524297	0.899817	-1.11134	0.669202	1.07284	1.07284	0.190538	0.7971	-1.25455	0.00742334	1.75796	1.75796	0.192219	0.797864	-1.25335	0.311121	0.842452	-1.18701	2.59092	1.09824	0.376781	1
cg02879467	WDR76;WDR76	0.097357	0.859973	0.969307	-1.03167	0.627219	1.09025	1.09025	0.472678	0.879012	-1.13764	0.986407	1.00301	1.00301	0.814032	1.04248	1.04248	0.00534381	1.91137	1.91137	0.0278271	1.58247	1.58247	0.537799	0.895705	-1.11644	0.825297	1.0398	1.0398	2.59091	1.27903	0.438808	1
cg07554041	TFCP2L1	0.0973576	0.538628	0.851779	-1.17401	0.339498	1.28876	1.28876	0.940855	1.01931	1.01931	0.944178	0.982117	-1.01821	0.11436	0.642402	-1.55666	0.071748	1.6788	1.6788	0.0096998	2.32373	2.32373	0.73106	1.09298	1.09298	0.147125	1.49318	1.49318	2.5909	2.72477	0.934817	1
cg02399294	CCDC40	0.097359	0.0361844	0.3279	-3.04971	0.0935914	0.429941	-2.3259	0.0882528	0.422738	-2.36553	0.729712	1.17206	1.17206	0.0279003	0.304444	-3.28468	0.537721	1.3306	1.3306	0.939418	1.03541	1.03541	0.0688557	0.393757	-2.53964	0.134636	0.477904	-2.09247	2.59089	8.59768	2.94971	1
cg05009141	PLXNB1;PLXNB1	0.09736	0.277792	0.770586	-1.29771	0.129081	0.684751	-1.46038	0.166753	1.40551	1.40551	0.420712	0.827008	-1.20918	0.221791	0.743403	-1.34517	0.23768	0.751549	-1.33059	0.00516849	0.426346	-2.34551	0.294944	0.778174	-1.28506	0.369955	0.808482	-1.23689	2.59088	2.18778	0.750594	1
cg14487914	RGL2;RGL2	0.0973618	0.0276305	0.239833	-4.16956	0.173002	0.451573	-2.21448	0.306882	0.559919	-1.78597	0.343697	0.585788	-1.7071	0.029091	0.244105	-4.0966	0.0418774	0.276436	-3.61748	0.0438201	0.280738	-3.56204	0.242786	0.511615	-1.9546	0.0389362	0.269662	-3.70835	2.59086	12.3347	4.23186	1
cg11212864	ZFAT;ZFAT	0.0973642	0.318371	0.777118	-1.28681	0.767578	1.07516	1.07516	0.384862	0.804253	-1.24339	0.146923	0.683437	-1.46319	0.0236974	0.516701	-1.93535	0.0528232	0.583825	-1.71284	0.107228	1.53711	1.53711	0.502029	0.846547	-1.18127	0.0670471	0.605374	-1.65187	2.59083	2.45315	0.841651	1
cg18997875	D2HGDH	0.0973645	0.159328	0.685665	-1.45844	0.160923	1.45606	1.45606	0.864238	0.95797	-1.04387	0.140554	1.48851	1.48851	0.0113712	0.451572	-2.21449	0.41904	1.2302	1.2302	0.189195	0.705402	-1.41763	0.67621	1.11114	1.11114	0.735489	0.91844	-1.0888	2.59083	2.58326	0.886293	1
cg00693172	PER1	0.0973653	0.866953	0.941222	-1.06245	0.586732	0.820131	-1.21932	0.861441	0.938835	-1.06515	0.192861	0.607818	-1.64523	0.00616757	0.275099	-3.63505	0.129134	0.552985	-1.80837	0.164109	1.7098	1.7098	0.978141	0.99015	-1.00995	0.102719	0.52465	-1.90603	2.59082	5.35563	1.83748	1
cg06791719	LOC645323	0.0973705	0.130175	0.57019	-1.7538	0.0891896	0.525102	-1.90439	0.026346	2.47251	2.47251	0.189141	0.619977	-1.61296	0.254575	0.664425	-1.50506	0.21335	0.637403	-1.56887	0.0708309	0.499721	-2.00112	0.376992	0.732307	-1.36555	0.907238	0.960731	-1.04087	2.59076	4.84628	1.66276	1
cg04559779	MIR124-2	0.0973722	0.512629	1.4115	1.4115	0.00579157	6.52861	6.52861	0.0368326	3.52054	3.52054	0.839604	1.11092	1.11092	0.0742466	2.80785	2.80785	0.549727	1.36907	1.36907	0.787026	1.15091	1.15091	0.071267	2.84534	2.84534	0.476458	1.45612	1.45612	2.59074	11.0536	3.79251	1
cg18772882	NTRK3;NTRK3;NTRK3	0.0973731	0.0867986	2.32111	2.32111	0.0798441	2.3758	2.3758	0.0869753	2.31979	2.31979	0.20131	1.82354	1.82354	0.695015	1.19174	1.19174	0.0354497	2.97478	2.97478	0.0691636	2.47252	2.47252	0.0161117	3.70952	3.70952	0.0809326	2.36685	2.36685	2.59073	8.13235	2.79024	1
cg08696470	PAFAH1B1	0.0973751	0.036484	0.380292	-2.62956	0.323432	1.50025	1.50025	0.183519	1.75283	1.75283	0.191492	1.73325	1.73325	0.0279745	0.356049	-2.8086	0.629828	1.21307	1.21307	0.339759	0.676161	-1.47894	0.294855	0.64915	-1.54048	0.540489	0.781571	-1.27947	2.59071	6.49057	2.22696	1
cg02878701	MCM3AP;C21orf57;C21orf57	0.0973781	0.150525	1.31915	1.31915	0.156823	0.761704	-1.31285	0.902616	0.978238	-1.02225	0.827599	0.961554	-1.03998	0.0484977	0.666873	-1.49954	0.0829082	0.708117	-1.4122	0.297212	0.823444	-1.21441	0.0427938	1.52063	1.52063	0.764989	1.05537	1.05537	2.59067	1.32569	0.454858	1
cg04533276	5-Sep	0.0973786	0.038049	2.12748	2.12748	0.803887	0.924863	-1.08124	0.0385954	2.12157	2.12157	0.087101	1.80959	1.80959	0.277328	0.701393	-1.42573	0.563105	1.20145	1.20145	0.970821	0.988583	-1.01155	0.0241651	2.32549	2.32549	0.693733	1.1323	1.1323	2.59067	4.04386	1.3875	1
cg18099850	TNFRSF10D	0.0973853	0.523026	0.892711	-1.12018	0.635323	1.08737	1.08737	0.1793	0.778719	-1.28416	0.280508	0.821454	-1.21735	0.064631	0.694954	-1.43894	0.0101655	0.566473	-1.76531	0.460638	1.14076	1.14076	0.0369901	0.653966	-1.52913	0.412804	0.863462	-1.15813	2.59059	1.26127	0.432769	1
cg01413314	IFRD2	0.0973885	0.368127	1.12181	1.12181	0.106739	1.24479	1.24479	0.0815467	1.27129	1.27129	0.92549	1.0117	1.0117	0.129994	0.815986	-1.22551	0.0137833	1.46014	1.46014	0.458965	0.910505	-1.09829	0.205943	1.18044	1.18044	0.324228	1.13494	1.13494	2.59055	0.634275	0.217637	1
cg00389406	OBSL1	0.0973894	0.786484	1.03826	1.03826	0.037729	1.39556	1.39556	0.464703	1.10839	1.10839	0.521796	0.91412	-1.09395	0.0195905	0.677016	-1.47707	0.326267	0.869212	-1.15047	0.323391	0.868438	-1.15149	0.11982	0.791836	-1.26289	0.26852	0.85267	-1.17279	2.59054	0.784723	0.269261	1
cg22730864	PRDM16;PRDM16	0.0973914	0.82013	0.888241	-1.12582	0.00734174	6.03927	6.03927	0.0486832	3.22739	3.22739	0.34046	1.66729	1.66729	0.428698	0.656767	-1.52261	0.227732	1.93262	1.93262	0.342204	0.600949	-1.66403	0.87712	0.922639	-1.08385	0.330903	1.68548	1.68548	2.59052	11.1096	3.81205	1
cg20311544	RBM15	0.0973915	0.0464511	0.666791	-1.49972	0.155816	1.30974	1.30974	0.662531	1.08116	1.08116	0.851677	0.967286	-1.03382	0.0423372	0.660002	-1.51515	0.62541	1.09136	1.09136	0.0241574	0.620201	-1.61238	0.275981	0.817613	-1.22307	0.718548	0.937714	-1.06642	2.59052	1.29546	0.444514	1
cg01591025	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.0973954	0.0407572	0.251351	-3.9785	0.579363	1.38729	1.38729	0.19514	2.22803	2.22803	0.632864	1.32494	1.32494	0.471399	1.53466	1.53466	0.299023	1.87628	1.87628	0.499614	0.669887	-1.49279	0.0171753	0.183104	-5.46139	0.226485	0.47595	-2.10106	2.59047	14.0231	4.81185	1
cg22226821	FMN2	0.0973972	0.157263	0.440081	-2.27231	0.180284	0.462018	-2.16442	0.0589163	0.314238	-3.1823	0.0580185	0.312615	-3.19883	0.0163042	0.203145	-4.9226	0.199724	0.479409	-2.0859	0.117507	0.397486	-2.51581	0.760348	1.1806	1.1806	0.0373082	0.269382	-3.71221	2.59045	12.0824	4.14595	1
cg21168101	HSPB3;HSPB3	0.0973977	0.0723216	0.463321	-2.15833	0.431037	0.734693	-1.36111	0.0120628	0.300947	-3.32284	0.0455324	0.414914	-2.41014	0.0906063	0.489083	-2.04464	0.323717	1.47844	1.47844	0.808057	1.09786	1.09786	0.831586	0.921552	-1.08513	0.925174	0.964606	-1.03669	2.59045	6.03735	2.07166	1
cg13708759	SOHLH1;SOHLH1	0.0973996	0.677676	1.12791	1.12791	0.0515906	0.528327	-1.89277	0.0277204	0.472669	-2.11564	0.314974	1.34881	1.34881	0.476422	0.811794	-1.23184	0.1325	1.59595	1.59595	0.15929	1.54211	1.54211	0.604256	0.860217	-1.1625	0.243923	0.703927	-1.4206	2.59043	3.40229	1.16748	1
cg15006175	KIFC2	0.0974015	0.0412567	5.31988	5.31988	0.575361	1.49449	1.49449	0.288696	2.18564	2.18564	0.376339	1.90504	1.90504	0.0584286	0.219145	-4.5632	0.136099	0.319761	-3.12733	0.864603	1.12881	1.12881	0.682217	0.746576	-1.33945	0.0494972	4.90949	4.90949	2.5904	20.6766	7.09511	1
cg26337868	RND3	0.0974027	0.684498	0.800016	-1.24998	0.0289331	0.244966	-4.08219	0.305732	0.560334	-1.78465	0.187503	2.14455	2.14455	0.653947	0.781568	-1.27948	0.0208558	4.56705	4.56705	0.371804	0.606026	-1.65009	0.678262	0.796247	-1.25589	0.353639	1.68412	1.68412	2.59039	12.2385	4.19963	1
cg05836725	GINS2	0.0974061	0.27629	1.1612	1.1612	0.0374793	1.3752	1.3752	0.140961	1.23241	1.23241	0.90028	0.983591	-1.01668	0.0158074	0.676915	-1.47729	0.884186	1.01942	1.01942	0.193518	1.19911	1.19911	0.508881	1.09247	1.09247	0.941471	1.00974	1.00974	2.59035	0.714544	0.245198	1
cg02473540	ZNF135;ZNF135;ZNF135;ZNF135;ZNF135	0.0974069	0.803798	0.945893	-1.0572	0.948144	1.01464	1.01464	0.246836	1.31077	1.31077	0.293647	0.783934	-1.27562	0.210268	0.744509	-1.34317	0.162823	0.716821	-1.39505	0.0251596	0.551522	-1.81316	0.669173	0.908415	-1.10082	0.010295	0.485527	-2.05962	2.59034	2.04874	0.703035	1
cg05911082	SLC7A5	0.0974106	0.666141	1.11327	1.11327	0.170844	0.697342	-1.43402	0.580866	1.1478	1.1478	0.687924	0.905007	-1.10496	0.00563025	0.407272	-2.45536	0.0751248	0.612698	-1.63212	0.42407	1.22362	1.22362	0.53185	1.16945	1.16945	0.449214	0.826446	-1.21	2.5903	2.50676	0.86022	1
cg01645753	CPEB1	0.097411	0.0490614	0.64952	-1.5396	0.881031	1.02918	1.02918	0.787867	0.94952	-1.05316	0.310925	0.817625	-1.22306	0.00541178	0.49506	-2.01996	0.210386	0.776089	-1.28851	0.279162	1.24122	1.24122	0.757279	0.942199	-1.06135	0.875549	1.03056	1.03056	2.5903	1.51324	0.519287	1
cg23179249	RSBN1L	0.0974113	0.964029	0.992625	-1.00743	0.362104	1.1662	1.1662	0.0695136	1.39546	1.39546	0.407752	0.870238	-1.14911	0.726828	1.05926	1.05926	0.678825	1.07073	1.07073	0.00606732	0.555349	-1.80067	0.392276	1.15471	1.15471	0.755487	1.05261	1.05261	2.59029	1.10518	0.379256	1
cg06550200	CLPTM1L	0.0974116	0.0743519	0.422879	-2.36474	0.497497	0.742184	-1.34738	0.54579	0.76748	-1.30297	0.692917	1.18745	1.18745	0.0166398	0.282029	-3.54573	0.0179101	0.287796	-3.47468	0.042776	0.364417	-2.74411	0.430981	0.706138	-1.41615	0.347972	0.658169	-1.51937	2.59029	7.68733	2.638	1
cg16689937	FAM71D;FAM71D	0.0974141	0.197488	0.661193	-1.51242	0.539046	0.827898	-1.20788	0.119984	0.599143	-1.66905	0.368118	0.755224	-1.32411	0.0343101	0.472448	-2.11664	0.999071	0.999646	-1.00035	0.36609	1.32577	1.32577	0.0250394	2.24699	2.24699	0.398903	0.769298	-1.29989	2.59026	3.78343	1.29835	1
cg14575687	SNTG2	0.0974147	0.107091	1.60627	1.60627	0.151863	1.51228	1.51228	0.0703175	1.72468	1.72468	0.347448	1.29776	1.29776	0.822022	0.941105	-1.06258	0.551229	1.17637	1.17637	0.0361333	1.9281	1.9281	0.0840697	0.597516	-1.67359	0.279144	0.73849	-1.35411	2.59025	2.97774	1.02186	1
cg06679087	MARVELD1;MARVELD1	0.0974154	0.0635297	0.208552	-4.79496	0.071992	0.221122	-4.5224	0.375912	0.505209	-1.97938	0.216888	0.376715	-2.65452	0.0212118	0.124746	-8.0163	0.509861	0.605127	-1.65255	0.0270262	0.139857	-7.15018	0.0930909	0.249542	-4.00735	0.0386903	0.165456	-6.0439	2.59025	23.1606	7.94797	1
cg09572685	MKS1;MKS1	0.0974192	0.980807	0.994712	-1.00532	0.0108327	0.493927	-2.02459	0.122659	0.691627	-1.44587	0.838442	1.04603	1.04603	0.0128876	0.506318	-1.97504	0.282462	0.781779	-1.27913	0.801229	0.945913	-1.05718	0.304562	0.791072	-1.26411	0.754711	1.07153	1.07153	2.5902	1.99317	0.684004	1
cg22815534	CECR4;CECR5;CECR4	0.0974196	0.0564857	0.236533	-4.22773	0.388417	0.554231	-1.8043	0.224437	0.426567	-2.3443	0.0905408	0.287911	-3.4733	0.0124879	0.125554	-7.96472	0.0497803	0.224459	-4.45516	0.0328518	0.188898	-5.29387	0.7728	0.824255	-1.21322	0.204622	0.409152	-2.44408	2.5902	18.2862	6.27533	1
cg03380643	INSM1	0.0974199	0.465256	0.849793	-1.17676	0.056415	1.60495	1.60495	0.3846	1.2156	1.2156	0.315729	0.796768	-1.25507	0.41748	0.834041	-1.19898	0.391624	0.825116	-1.21195	0.0435048	0.601435	-1.66269	0.432668	1.19169	1.19169	0.0475048	1.64292	1.64292	2.59019	1.96778	0.675292	1
cg19817005	NEURL1B	0.0974201	0.60374	1.0668	1.0668	0.0120378	1.47221	1.47221	0.0260583	1.38563	1.38563	0.712696	1.04674	1.04674	0.0649286	1.29173	1.29173	0.753168	1.03973	1.03973	0.796221	0.968545	-1.03248	0.0615695	1.29701	1.29701	0.870818	0.980101	-1.0203	2.59019	0.625699	0.214724	1
cg18514406	PRKAR2A	0.0974207	0.822055	0.973124	-1.02762	0.122171	1.2246	1.2246	0.00239906	1.66793	1.66793	0.703576	1.04732	1.04732	0.54243	1.07743	1.07743	0.870138	0.980406	-1.01999	0.780466	1.03437	1.03437	0.496803	0.919944	-1.08702	0.568161	1.07226	1.07226	2.59019	0.600055	0.205924	1
cg21864016	C14orf132	0.0974252	0.599467	0.633056	-1.57964	0.0262529	9.7222	9.7222	0.0818604	5.27768	5.27768	0.330993	2.3759	2.3759	0.027458	0.105381	-9.48936	0.445061	1.95747	1.95747	0.881038	0.878799	-1.13792	0.397092	2.11302	2.11302	0.633127	0.660411	-1.51421	2.59013	30.5344	10.4789	1
cg26779378	SLC26A4;LOC286002	0.097426	0.268673	1.96872	1.96872	0.00398648	9.73549	9.73549	0.202766	2.20476	2.20476	0.475892	1.53151	1.53151	0.127465	2.63549	2.63549	0.0886201	3.01754	3.01754	0.241902	2.05483	2.05483	0.052737	3.64993	3.64993	0.593595	1.37259	1.37259	2.59013	14.1819	4.867	1
cg20900524	PPT1;PPT1	0.0974261	0.201969	0.733423	-1.36347	0.015118	0.503111	-1.98763	0.0504087	0.5986	-1.67057	0.268424	0.767009	-1.30377	0.410405	0.823894	-1.21375	0.772136	0.935367	-1.0691	0.0321258	0.561238	-1.78178	0.387236	0.815507	-1.22623	0.237468	1.32948	1.32948	2.59012	2.17225	0.745481	1
cg00927554	USP44;USP44	0.097428	0.180965	0.701586	-1.42534	0.1293	0.664339	-1.50526	0.0168696	0.483151	-2.06975	0.176913	0.698973	-1.43067	0.707784	0.910323	-1.09851	0.956308	0.986422	-1.01376	0.0128506	0.462599	-2.1617	0.492716	0.840431	-1.18987	0.0513562	0.574905	-1.73942	2.5901	2.55403	0.876509	1
cg16678032	EXOC3;C5orf55	0.097429	0.649562	1.25653	1.25653	0.0175304	4.42666	4.42666	0.0110792	5.19409	5.19409	0.835869	1.10902	1.10902	0.777552	1.15177	1.15177	0.341467	1.63405	1.63405	0.0936586	2.5424	2.5424	0.400907	0.650313	-1.53772	0.217841	1.91845	1.91845	2.75744	10.6318	2.99887	1
cg11086883	HLA-A	0.0974295	0.0432719	0.448659	-2.22887	0.173063	0.606631	-1.64845	0.0559456	0.474023	-2.1096	0.161701	0.597391	-1.67395	0.0322904	0.421359	-2.37327	0.0942291	0.530314	-1.88568	0.023196	0.392334	-2.54885	0.781984	1.10036	1.10036	0.294721	0.687525	-1.45449	2.59008	4.87568	1.67328	1
cg11659394	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.0974295	0.863147	0.947197	-1.05575	0.212933	0.662022	-1.51052	0.707739	0.888325	-1.12571	0.0458936	0.486989	-2.05343	0.00563551	0.319042	-3.13438	0.108275	0.576425	-1.73483	0.451139	0.785521	-1.27304	0.237833	0.677867	-1.47522	0.44145	1.27994	1.27994	2.59008	4.05575	1.39189	1
cg08026791	FAM86A;ALG1;FAM86A	0.0974307	0.113699	1.65787	1.65787	0.0442949	1.97115	1.97115	0.0695061	1.81551	1.81551	0.417599	0.78402	-1.27548	0.930789	1.02584	1.02584	0.0339403	2.06937	2.06937	0.34274	1.33258	1.33258	0.0267489	2.16174	2.16174	0.885841	1.0431	1.0431	2.59007	3.53934	1.21467	1
cg23315423	SNCG;MMRN2	0.0974316	0.158229	1.40978	1.40978	0.0250255	1.83494	1.83494	0.188058	1.37378	1.37378	0.191435	1.37009	1.37009	0.931671	1.01972	1.01972	0.00774545	2.17859	2.17859	0.832513	1.0494	1.0494	0.288242	1.28532	1.28532	0.0711822	1.58224	1.58224	2.59006	2.12618	0.72969	1
cg20735242	LDLRAD3	0.0974318	0.0383205	0.182038	-5.49335	0.699864	0.759633	-1.31643	0.462777	1.69973	1.69973	0.389332	0.534678	-1.87028	0.0315735	0.167108	-5.98416	0.0973608	0.274962	-3.63687	0.017	0.126749	-7.88961	0.454054	0.58202	-1.71815	0.148216	0.332616	-3.00647	2.59006	20.662	7.09104	1
cg11897831	PLK1S1;PLK1S1;PLK1S1	0.0974321	0.0191063	0.459195	-2.17772	0.0175988	0.452675	-2.20909	0.0248505	0.480546	-2.08097	0.986846	0.995486	-1.00453	0.183013	0.67861	-1.4736	0.907902	0.968743	-1.03227	0.402546	0.790511	-1.265	0.862024	1.04889	1.04889	0.399708	0.789336	-1.26689	2.59006	3.08873	1.06003	1
cg04188351	CD59;CD59;CD59;CD59;CD59;CD59;CD59;CD59	0.0974324	0.519059	0.662154	-1.51022	0.0586209	3.84706	3.84706	0.304979	1.95415	1.95415	0.125901	0.351888	-2.84182	0.976892	0.981898	-1.01844	0.606303	1.388	1.388	0.0204428	0.17173	-5.8231	0.692704	1.28468	1.28468	0.109883	0.333169	-3.00148	2.59005	16.3165	5.59972	1
cg13068698	DPY19L1	0.0974331	0.035858	0.39121	-2.55617	0.0338294	2.59204	2.59204	0.655842	1.18817	1.18817	0.16096	1.7781	1.7781	0.663917	0.845314	-1.18299	0.18772	1.71023	1.71023	0.175357	0.574677	-1.74011	0.344047	0.687533	-1.45448	0.931267	0.967385	-1.03371	2.59004	6.06069	2.08	1
cg07630301	MYO3A	0.0974331	0.0074954	0.176581	-5.66313	0.368776	0.628117	-1.59206	0.91251	1.05693	1.05693	0.237634	0.536224	-1.86489	0.0838475	0.38146	-2.62151	0.460396	1.46026	1.46026	0.222087	1.90877	1.90877	0.393893	1.55261	1.55261	0.910388	0.944861	-1.05836	2.59004	10.4102	3.57271	1
cg24411312	ST14	0.0974336	0.661756	0.901758	-1.10894	0.631462	0.892683	-1.12022	0.0200797	0.517443	-1.93258	0.96708	1.00974	1.00974	0.264855	0.761117	-1.31386	0.938572	0.982058	-1.01827	0.875632	1.03748	1.03748	0.00476063	0.4146	-2.41197	0.988971	1.00325	1.00325	2.59004	2.26341	0.776793	1
cg07969602	COL6A4P2	0.0974342	0.568301	0.886442	-1.12811	0.0649344	1.54224	1.54224	0.897054	1.02743	1.02743	0.0789886	0.665182	-1.50335	0.423761	0.843015	-1.18622	0.568196	1.12814	1.12814	0.00982954	1.97809	1.97809	0.990584	1.00247	1.00247	0.714652	1.07978	1.07978	2.59003	1.79225	0.615093	1
cg14524775	ARHGEF2;ARHGEF2;ARHGEF2	0.0974346	0.136352	1.44114	1.44114	0.448075	1.1925	1.1925	0.996568	1.00098	1.00098	0.909474	0.974433	-1.02624	0.00843939	0.464922	-2.1509	0.534711	0.86661	-1.15392	0.0664636	1.59784	1.59784	0.445689	1.19365	1.19365	0.775763	1.06719	1.06719	2.59003	2.12686	0.729932	1
cg20312581	HELLS	0.0974348	?	?	?	0.488147	1.12663	1.12663	0.0895621	0.728425	-1.37283	0.164201	0.777803	-1.28567	0.732177	1.05988	1.05988	0.0583273	0.696156	-1.43646	0.1063	1.34795	1.34795	0.132745	1.31602	1.31602	0.262182	0.82043	-1.21887	2.61889	1.05666	0.403475	1
cg21448781	PLEKHO1	0.0974368	0.0954336	1.30493	1.30493	0.506809	1.1028	1.1028	0.192487	1.22191	1.22191	0.524267	1.0983	1.0983	0.0229887	1.48458	1.48458	0.0105605	1.59575	1.59575	0.291579	0.852997	-1.17234	0.713037	1.05514	1.05514	0.393983	1.13526	1.13526	2.59	0.865914	0.297182	1
cg05217397	RAI1	0.0974456	0.32398	1.17118	1.17118	0.0626524	1.38397	1.38397	0.332661	1.16768	1.16768	0.119709	1.29937	1.29937	0.168642	0.796501	-1.25549	0.264259	1.19781	1.19781	0.00984548	1.65871	1.65871	0.166683	1.25699	1.25699	0.27406	1.19309	1.19309	2.5899	0.986947	0.338733	1
cg16616521	PAX6;PAX6;PAX6	0.097446	0.0734508	89.5431	89.5431	0.0440258	183.342	183.342	0.0931532	64.0431	64.0431	0.18531	23.6491	23.6491	0.0713988	93.1791	93.1791	0.10331	55.2907	55.2907	0.0211572	514.023	514.023	0.0397042	211.855	211.855	0.125717	41.7447	41.7447	2.5899	208.029	71.3984	1
cg08699681	PRAP1;PRAP1	0.0974462	0.295483	0.573718	-1.74302	0.00502607	0.149478	-6.68996	0.0481214	0.314473	-3.17992	0.556646	0.737503	-1.35593	0.126842	0.429259	-2.3296	0.345724	0.608147	-1.64434	0.0607721	0.338712	-2.95236	0.363435	0.619803	-1.61342	0.924827	1.04952	1.04952	2.58989	10.7588	3.69257	1
cg24352054	PCDH9;PCDH9	0.0974473	0.0140291	4.75291	4.75291	0.662669	0.798053	-1.25305	0.391468	1.57023	1.57023	0.53474	1.3814	1.3814	0.0289208	3.75725	3.75725	0.597888	1.31461	1.31461	0.179365	0.48048	-2.08125	0.733594	0.838981	-1.19192	0.115877	2.40675	2.40675	2.58988	10.8334	3.71818	1
cg18415382	KNDC1	0.0974479	0.441855	0.697914	-1.43284	0.347049	1.55905	1.55905	0.310888	0.618252	-1.61746	0.622992	1.25515	1.25515	0.0826525	0.414153	-2.41457	0.0543708	0.36744	-2.72153	0.00968845	0.222903	-4.48626	0.587314	1.28573	1.28573	0.30463	0.614122	-1.62834	2.58988	8.62765	2.96115	1
cg02452627	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.0974498	0.143745	2.04131	2.04131	0.689096	1.19517	1.19517	0.674535	1.20596	1.20596	0.293635	1.62981	1.62981	0.0579972	0.370659	-2.6979	0.0224275	0.273646	-3.65436	0.43437	0.700804	-1.42693	0.891196	0.941223	-1.06245	0.0650052	0.383984	-2.60428	2.99599	8.84839	1.96894	1
cg20461275	PARD3B;PARD3B;PARD3B	0.0974505	0.461056	0.837881	-1.19349	0.934831	1.01946	1.01946	0.0645558	0.612996	-1.63133	0.0107775	0.469984	-2.12773	0.129278	0.679535	-1.47159	0.684468	0.908191	-1.10109	0.401745	1.2242	1.2242	0.630779	1.12092	1.12092	0.162704	1.42088	1.42088	2.58985	2.27884	0.782145	1
cg14541462	C4orf48;C4orf48	0.0974508	0.046145	0.470828	-2.12392	0.0456372	0.469763	-2.12873	0.149435	0.600753	-1.66458	0.159637	1.64117	1.64117	0.0294137	0.429279	-2.32949	0.48945	0.793363	-1.26046	0.246472	0.670618	-1.49116	0.768802	0.907399	-1.10205	0.126024	0.579409	-1.7259	2.58984	4.45793	1.53006	1
cg14164596	HPX	0.0974554	0.129426	0.732988	-1.36428	0.0175443	1.72979	1.72979	0.284417	0.809914	-1.2347	0.250443	0.796369	-1.2557	0.342086	0.830613	-1.20393	0.147733	0.744932	-1.34241	0.40717	1.1744	1.1744	0.725969	0.935461	-1.06899	0.107546	0.716774	-1.39514	2.58979	1.47439	0.506053	1
cg13027544	BRD9;BRD9;BRD9	0.0974565	0.0562648	3.56642	3.56642	0.0163146	5.62558	5.62558	0.568952	1.40301	1.40301	0.0918623	2.97904	2.97904	0.711394	0.803647	-1.24433	0.536664	1.44487	1.44487	0.525053	1.4606	1.4606	0.0134173	6.05527	6.05527	0.346696	1.76824	1.76824	2.58978	14.1912	4.87084	1
cg03285428	PPP4R2	0.0974566	0.543866	0.757479	-1.32017	0.620946	0.798223	-1.25278	0.679722	1.20646	1.20646	0.209785	1.81774	1.81774	0.00833963	0.217788	-4.59161	0.985375	0.991747	-1.00832	0.0708859	0.40157	-2.49023	0.889525	0.939098	-1.06485	0.061195	0.385293	-2.59543	2.58978	8.38393	2.87762	1
cg06999384	FAM161A	0.0974568	0.0163979	0.234804	-4.25887	0.098383	0.408445	-2.44831	0.278542	0.573168	-1.74469	0.310579	0.595546	-1.67913	0.0823836	0.386558	-2.58694	0.0606915	0.35183	-2.84228	0.0367134	0.301538	-3.31634	0.795685	1.13676	1.13676	0.0715289	0.370064	-2.70223	2.58977	10.0085	3.43523	1
cg01128109	LRRC8B	0.0974571	0.0191891	0.208514	-4.79584	0.115035	0.387469	-2.58085	0.125413	0.399461	-2.50337	0.986034	1.00973	1.00973	0.0112962	0.172823	-5.78626	0.697123	0.805411	-1.2416	0.406339	0.625001	-1.6	0.0802046	0.341684	-2.92668	0.162646	0.438372	-2.28117	2.58977	12.556	4.30962	1
cg05598539	TNPO3;LOC286016	0.0974577	0.827696	1.03538	1.03538	0.658534	0.931514	-1.07352	0.120449	1.30822	1.30822	0.301189	1.18634	1.18634	0.324504	0.850189	-1.17621	0.633753	1.07957	1.07957	0.111404	0.758364	-1.31863	0.438159	1.13445	1.13445	0.00776421	1.72515	1.72515	2.58976	1.0436	0.358197	1
cg00891608	C19orf40;CCDC123	0.0974578	0.100401	2.65922	2.65922	0.119377	0.399168	-2.50521	0.555219	1.38302	1.38302	0.32474	0.575445	-1.73778	0.208619	0.486604	-2.05506	0.694445	0.806914	-1.23929	0.0212067	4.50614	4.50614	0.124008	2.47236	2.47236	0.55328	1.38527	1.38527	2.58976	12.1117	4.15712	1
cg19269039	DENND2D;DENND2D	0.0974587	0.813095	0.949746	-1.05291	0.417541	1.19764	1.19764	0.0135843	0.51439	-1.94405	0.276854	0.78176	-1.27916	0.648595	0.904948	-1.10504	0.626027	1.11284	1.11284	0.0858346	1.51174	1.51174	0.886507	0.96939	-1.03158	0.046295	0.60838	-1.64371	2.58975	1.94369	0.667139	1
cg25984423	TMEM128	0.0974587	0.38217	0.87402	-1.14414	0.215796	1.21619	1.21619	0.0032235	1.82912	1.82912	0.985237	1.00278	1.00278	0.332297	1.16214	1.16214	0.897889	0.980896	-1.01948	0.922595	1.01471	1.01471	0.164175	1.24984	1.24984	0.244862	1.20053	1.20053	2.58975	0.925801	0.317766	1
cg16535352	CPA4;CPA4	0.0974651	0.0363205	0.23421	-4.26967	0.022506	0.195924	-5.10403	0.0973576	0.337878	-2.95965	0.363741	0.573088	-1.74493	0.0349703	0.23094	-4.33014	0.0745938	0.305847	-3.26961	0.0414714	0.246015	-4.06479	0.217979	0.461654	-2.16612	0.294488	0.522826	-1.91268	2.58968	14.5908	5.0082	1
cg16230755	ADD3;ADD3;ADD3	0.0974659	0.565944	0.896048	-1.11601	0.572558	1.11389	1.11389	0.229893	0.787977	-1.26907	0.255165	1.25197	1.25197	0.0096522	0.538191	-1.85808	0.169622	0.758254	-1.31882	0.0568913	0.665241	-1.50321	0.710969	1.07294	1.07294	0.187588	0.767847	-1.30234	2.58967	1.46749	0.503708	1
cg02388999	EPB41L2;EPB41L2;EPB41L2	0.0974666	0.520237	1.0624	1.0624	0.107526	1.17717	1.17717	0.0147523	1.32138	1.32138	0.0784214	1.19907	1.19907	0.482621	1.06851	1.06851	0.10871	0.85004	-1.17641	0.716667	0.96672	-1.03443	0.682364	0.962509	-1.03895	0.405548	0.924015	-1.08223	2.58966	0.353713	0.12141	1
cg14796563	EFNA2	0.0974667	0.620627	1.23554	1.23554	0.217898	0.577262	-1.73232	0.587305	1.26151	1.26151	0.288609	1.59519	1.59519	0.211526	0.572376	-1.7471	0.933037	1.03627	1.03627	0.0106868	0.256588	-3.89729	0.031365	0.342874	-2.91652	0.560868	0.779364	-1.2831	2.58966	7.37041	2.52986	1
cg07725527	NAA16;NAA16;NAA16	0.0974683	0.223598	0.746877	-1.33891	0.289005	0.777846	-1.2856	0.101592	0.664239	-1.50548	0.0527375	0.604952	-1.65302	0.845884	1.04542	1.04542	0.0333672	1.76392	1.76392	0.969431	0.991291	-1.00879	0.218967	0.74446	-1.34326	0.0875481	0.650191	-1.53801	2.58964	2.13682	0.733457	1
cg10175447	CCDC39	0.0974724	0.599824	1.38081	1.38081	0.581451	1.40405	1.40405	0.0401254	4.24427	4.24427	0.43431	1.62619	1.62619	0.834775	1.13576	1.13576	0.232599	2.1446	2.1446	0.446232	1.60518	1.60518	0.00264761	12.616	12.616	0.45638	1.5878	1.5878	2.5896	15.2364	5.22997	1
cg01717948	SRCAP	0.0974729	0.453332	0.741726	-1.34821	0.813846	0.91187	-1.09665	0.0542314	2.35008	2.35008	0.116816	0.51355	-1.94723	0.0311332	0.3718	-2.68962	0.552201	0.790398	-1.26518	0.204737	0.592514	-1.68772	0.0968409	2.0398	2.0398	0.881336	1.06016	1.06016	2.58959	6.27403	2.15359	1
cg16469426	TWISTNB	0.0974764	0.502226	0.81052	-1.23378	0.211678	1.50063	1.50063	0.00445402	3.22316	3.22316	0.302575	0.719322	-1.3902	0.531329	0.822335	-1.21605	0.849365	0.943031	-1.06041	0.600336	0.849524	-1.17713	0.564174	1.19703	1.19703	0.206775	1.50795	1.50795	2.58955	3.90295	1.33972	1
cg17508591	PCDHA6;PCDHA2;PCDHA1;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA3;PCDHA4;PCDHA7	0.0974802	0.0393273	5.0062	5.0062	0.0435289	4.79739	4.79739	0.219106	2.39435	2.39435	0.140897	2.91516	2.91516	0.0309055	5.54025	5.54025	0.0474637	4.62636	4.62636	0.0494889	4.54598	4.54598	0.0792513	3.72944	3.72944	0.16915	2.69016	2.69016	2.58951	18.7175	6.42506	1
cg06054793	EMID2	0.0974805	0.828568	0.924174	-1.08205	0.0414515	2.35153	2.35153	0.244081	1.55761	1.55761	0.3184	0.687299	-1.45497	0.243014	0.641307	-1.55931	0.0138246	0.33077	-3.02325	0.653229	1.17874	1.17874	0.829526	1.08156	1.08156	0.449906	1.32308	1.32308	2.5895	5.42276	1.86145	1
cg03423524	FOSL1;FOSL1	0.0974811	0.157809	0.807765	-1.23798	0.0889696	1.30366	1.30366	0.0807345	1.31492	1.31492	0.0749453	1.3236	1.3236	0.039806	1.39928	1.39928	0.239779	0.840297	-1.19006	0.843872	1.02826	1.02826	0.670743	0.941341	-1.06231	0.342838	1.14814	1.14814	2.5895	0.819499	0.281307	1
cg04229103	GTDC1	0.0974844	0.0413733	1.57507	1.57507	0.480615	0.870713	-1.14848	0.0141466	1.79436	1.79436	0.066144	1.48885	1.48885	0.988609	0.997247	-1.00276	0.831744	1.04194	1.04194	0.82777	0.958799	-1.04297	0.183444	1.31329	1.31329	0.0798821	1.45539	1.45539	2.58946	1.52919	0.524927	1
cg20341058	DIAPH3	0.0974846	0.0302485	2.09562	2.09562	0.429731	1.25717	1.25717	0.932282	1.02435	1.02435	0.0107549	2.56273	2.56273	0.622804	0.868927	-1.15084	0.917378	1.02981	1.02981	0.0290419	2.11181	2.11181	0.675687	1.12659	1.12659	0.911768	1.03187	1.03187	2.75672	3.42408	0.966066	1
cg13337270	C15orf41	0.0974847	0.173267	0.644285	-1.55211	0.0211583	0.431313	-2.3185	0.0911138	0.568599	-1.75871	0.41721	0.777609	-1.28599	0.114603	0.594159	-1.68305	0.293987	1.39129	1.39129	0.272437	1.41419	1.41419	0.53479	0.826372	-1.21011	0.0574759	0.521094	-1.91904	2.58946	3.77473	1.29576	1
cg16315928	MICAL1;MICAL1	0.0974861	0.809892	1.06923	1.06923	0.433217	0.800812	-1.24873	0.828421	0.941496	-1.06214	0.18214	1.4819	1.4819	0.123107	0.628791	-1.59035	0.349391	0.765245	-1.30677	0.0177553	0.449017	-2.22709	0.199312	1.45743	1.45743	0.0999321	1.64992	1.64992	2.58944	3.16386	1.08607	1
cg08394070	PLCE1;PLCE1	0.0974891	0.253714	0.41514	-2.40883	0.960335	0.963983	-1.03736	0.560183	0.647596	-1.54417	0.751662	0.79124	-1.26384	0.0109582	0.0949211	-10.5351	0.196555	0.365273	-2.73768	0.0120719	0.0994158	-10.0588	0.229212	0.394305	-2.53611	0.0768557	0.23429	-4.26822	2.58941	22.3095	7.65838	1
cg02831668	PLAC1	0.0974901	0.511327	1.23594	1.23594	0.459465	0.787017	-1.27062	0.125731	0.590443	-1.69364	0.485565	0.798246	-1.25275	0.00981866	0.354175	-2.82346	0.572147	0.834002	-1.19904	0.0466468	2.06357	2.06357	0.784928	1.09088	1.09088	0.942809	0.977444	-1.02308	2.58939	4.1469	1.42355	1
cg12851793	VSX2	0.0974919	0.0423253	0.688129	-1.45322	0.0833382	0.736101	-1.35851	0.243874	0.822931	-1.21517	0.215762	0.812015	-1.2315	0.86765	1.02702	1.02702	0.0566831	0.708371	-1.41169	0.0233723	0.64855	-1.5419	0.414848	0.875273	-1.1425	0.243075	1.21561	1.21561	2.58937	1.04768	0.359651	1
cg10838270	PVRL1;PVRL1;PVRL1	0.0974938	0.283251	0.788245	-1.26864	0.59704	0.892377	-1.1206	0.898196	0.973051	-1.0277	0.131172	0.706215	-1.416	0.0172313	0.538311	-1.85766	0.70963	0.923276	-1.0831	0.0206544	1.81271	1.81271	0.654575	0.908359	-1.10089	0.967262	1.0088	1.0088	2.58935	1.86802	0.641264	1
cg20817150	IFNGR2	0.0974953	0.0765613	1.21836	1.21836	0.561145	1.06068	1.06068	0.23951	1.13144	1.13144	0.0471587	1.25575	1.25575	0.0427573	1.26343	1.26343	0.956204	0.994509	-1.00552	0.180035	0.866973	-1.15344	0.0326046	1.28497	1.28497	0.285538	1.11763	1.11763	2.58933	0.412232	0.141514	1
cg02806032	FAM38A	0.0974968	0.272416	0.476269	-2.09965	0.068839	0.26654	-3.75178	0.059268	0.250896	-3.98571	0.120676	0.33524	-2.98294	0.0294905	0.189274	-5.28334	0.180332	0.397009	-2.51883	0.0233762	0.172204	-5.80707	0.852054	0.885831	-1.12888	0.0412324	0.216742	-4.61377	2.58932	17.2908	5.93577	1
cg09975683	KLHDC4	0.097497	0.606734	0.902108	-1.10851	0.0388618	1.60725	1.60725	0.0440802	1.58248	1.58248	0.738518	0.935689	-1.06873	0.2508	0.788133	-1.26882	0.804271	1.0505	1.0505	0.427542	1.17436	1.17436	0.884289	1.02932	1.02932	0.0334444	0.610753	-1.63732	2.58932	1.61446	0.55423	1
cg14442616	DDX3Y;DDX3Y	0.0974975	0.199897	7.54916	7.54916	0.0914867	16.0235	16.0235	0.169102	8.90749	8.90749	?	?	?	0.0157289	0.0120544	-82.9573	0.184445	8.17762	8.17762	0.869033	0.781663	-1.27932	0.880631	1.25146	1.25146	0.912477	0.848636	-1.17836	2.61815	82.1293	31.3692	1
cg18316445	SGMS1;SGMS1	0.0975036	0.466029	1.31988	1.31988	0.504434	0.776135	-1.28844	0.229693	0.624047	-1.60244	0.157749	0.568293	-1.75966	?	?	?	0.00841348	0.283895	-3.52243	?	?	?	0.0824896	0.486961	-2.05355	0.43801	0.743808	-1.34443	2.65379	4.57574	1.97055	1
cg10289177	ACCN3;ACCN3;ACCN3	0.0975044	0.682704	1.33687	1.33687	0.242691	2.37183	2.37183	0.101576	3.54734	3.54734	0.103863	3.51226	3.51226	0.862122	1.13065	1.13065	0.126506	3.21447	3.21447	0.00632239	12.3266	12.3266	0.102547	3.53232	3.53232	0.0521483	4.7607	4.7607	2.58923	20.4628	7.02493	1
cg14546153	APCDD1L	0.0975045	0.870821	1.10102	1.10102	0.434021	1.60327	1.60327	0.128343	2.64321	2.64321	0.0727084	3.26726	3.26726	0.292731	1.90687	1.90687	0.0839237	3.09853	3.09853	0.007423	7.68431	7.68431	0.0500706	3.74767	3.74767	0.809084	0.866639	-1.15388	2.58923	14.339	4.92262	1
cg15877883	PPM1H;PPM1H	0.0975123	0.0112412	0.13705	-7.29659	0.85528	1.12103	1.12103	0.867313	1.1103	1.1103	0.383654	0.571782	-1.74892	0.736899	1.23491	1.23491	0.317297	0.523679	-1.90957	0.0731601	3.49198	3.49198	0.0530485	0.252686	-3.95748	0.770717	0.83288	-1.20065	2.58914	16.0568	5.51254	1
cg20448447	SETD1B	0.097513	0.861002	1.07498	1.07498	0.388348	1.44011	1.44011	0.209302	0.579306	-1.7262	0.0807982	0.449873	-2.22285	0.00843593	0.249652	-4.00557	0.0577107	0.412591	-2.42371	0.966568	1.01744	1.01744	0.644	1.21164	1.21164	0.337368	0.664957	-1.50386	2.58913	6.9787	2.39589	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01880463	C20orf123	0.0975133	0.307019	0.700411	-1.42773	0.13085	1.73208	1.73208	0.0556897	0.481871	-2.07525	0.746649	0.896595	-1.11533	0.04961	0.470361	-2.12602	0.161105	1.65533	1.65533	0.32686	0.711172	-1.40613	0.0879815	0.530446	-1.88521	0.184245	0.622334	-1.60685	2.58913	4.6496	1.59628	1
cg17145397	MMP3	0.0975149	0.0903246	1.45185	1.45185	0.00638125	2.03208	2.03208	0.404821	1.18562	1.18562	0.0776805	1.47951	1.47951	0.0355117	1.63061	1.63061	0.89272	0.973405	-1.02732	0.213494	1.29911	1.29911	0.675649	1.08769	1.08769	0.520975	1.13879	1.13879	2.58911	1.63634	0.561786	1
cg10607603	HN1;HN1;HN1	0.0975159	0.0426693	0.617276	-1.62002	0.569087	1.12634	1.12634	0.264843	0.786427	-1.27157	0.534491	1.1389	1.1389	0.209576	0.760782	-1.31444	0.134342	0.716216	-1.39623	0.855111	1.03851	1.03851	0.0132281	0.529999	-1.8868	0.0711671	0.659216	-1.51695	2.5891	1.7527	0.601737	1
cg01228941	PCDHB7	0.0975178	0.0437737	3.96427	3.96427	0.0537207	3.67577	3.67577	0.222803	2.14108	2.14108	0.395828	1.67659	1.67659	0.548381	1.43465	1.43465	0.485628	1.52358	1.52358	0.00684705	8.01527	8.01527	0.0606719	3.51426	3.51426	0.174836	2.35751	2.35751	2.58908	14.4817	4.97188	1
cg00283046	ITGB1BP3	0.0975253	0.131431	0.415789	-2.40507	0.0417332	0.282261	-3.54282	0.0218909	0.227153	-4.40232	0.415323	1.56624	1.56624	0.0567055	0.312757	-3.19737	0.786544	1.15751	1.15751	0.0735267	0.341232	-2.93056	0.953622	0.969144	-1.03184	0.289012	0.552603	-1.80962	2.58899	11.9075	4.08824	1
cg15291273	ATR	0.0975274	0.659702	1.07203	1.07203	0.027939	0.665192	-1.50333	0.389079	0.870622	-1.1486	0.239381	0.82416	-1.21336	0.210313	0.812851	-1.23024	0.0476066	0.700747	-1.42705	0.240291	1.21286	1.21286	0.0524263	0.707365	-1.4137	0.085802	0.742285	-1.34719	2.58897	1.01025	0.346855	1
cg09086179	HMGN5	0.0975289	0.00383154	0.0855704	-11.6863	0.0248712	0.185635	-5.38693	0.615147	0.726371	-1.37671	0.893828	1.08786	1.08786	0.250178	0.468667	-2.13371	0.576863	0.700818	-1.4269	0.860715	0.89515	-1.11713	0.957097	0.96664	-1.03451	0.565638	0.693326	-1.44232	2.58895	16.309	5.59953	1
cg25311162	ODZ3	0.0975298	0.0291122	0.223785	-4.46857	0.0616716	0.29367	-3.40518	0.321982	0.551214	-1.81418	0.117868	0.372099	-2.68745	0.0312642	0.229661	-4.35424	0.173042	0.429953	-2.32584	0.576004	0.719702	-1.38946	0.027014	0.217773	-4.59194	0.0592843	0.289504	-3.45419	2.58894	13.8966	4.77128	1
cg26480862	TTC28	0.0975302	?	?	?	0.334499	1.50777	1.50777	0.0568896	0.411061	-2.43273	0.0490469	2.52696	2.52696	0.439148	0.722146	-1.38476	0.038133	2.69533	2.69533	0.848691	1.08199	1.08199	0.347925	1.48988	1.48988	0.319279	1.52901	1.52901	2.61777	6.27246	2.39611	1
cg21575198	LOC253724;HSP90B1	0.0975341	0.00436867	0.655739	-1.525	0.615012	0.945343	-1.05782	0.802285	1.0282	1.0282	0.483051	1.08222	1.08222	0.573707	0.938935	-1.06504	0.0633084	0.793356	-1.26047	0.153465	0.844163	-1.1846	0.28686	0.884634	-1.13041	0.231677	0.870188	-1.14918	2.58889	0.503738	0.172957	1
cg09515805	PGM2L1	0.0975344	0.114323	0.830094	-1.20468	0.512641	0.930538	-1.07465	0.309484	1.12078	1.12078	0.0163997	0.727587	-1.37441	0.44019	0.918195	-1.08909	0.0340151	0.764695	-1.30771	0.853601	1.02023	1.02023	0.47643	0.924503	-1.08166	0.202962	1.15687	1.15687	2.58889	0.481966	0.165482	1
cg09262446	HLA-L	0.0975349	0.368311	0.681482	-1.46739	0.170301	0.545491	-1.83321	0.044284	0.383336	-2.60868	0.136828	0.514223	-1.94468	0.00651957	0.230596	-4.33658	0.630504	0.8178	-1.22279	0.0507563	0.397051	-2.51857	0.586418	0.796144	-1.25605	0.109099	0.484267	-2.06498	2.58888	7.06172	2.42463	1
cg13563026	ATP10D	0.0975352	0.209828	0.363696	-2.74955	0.00706198	0.0696347	-14.3606	0.0128264	0.0939227	-10.6471	0.487347	0.582735	-1.71604	0.161376	0.31835	-3.1412	0.320779	0.456088	-2.19256	0.432827	0.541957	-1.84517	0.905668	1.09497	1.09497	0.611042	0.675352	-1.48071	2.58888	24.0136	8.24502	1
cg01168851	BTG3;BTG3	0.097537	0.524757	1.21895	1.21895	0.783728	1.08819	1.08819	0.781741	1.08906	1.08906	0.218652	1.48799	1.48799	0.649029	1.15113	1.15113	0.496513	1.23624	1.23624	0.00365432	0.298933	-3.34523	0.690088	1.13102	1.13102	0.283881	1.40774	1.40774	2.58886	3.86878	1.32835	1
cg27524988	KIAA0319;KIAA0319;KIAA0319;KIAA0319;KIAA0319	0.0975377	0.0148841	0.153398	-6.519	0.622733	1.36395	1.36395	0.280332	0.495393	-2.0186	0.273874	2.03943	2.03943	0.0356938	0.216529	-4.61832	0.0814383	0.298538	-3.34965	0.338027	0.538922	-1.85555	0.893074	1.08782	1.08782	0.67403	1.30316	1.30316	2.58885	16.0631	5.51531	1
cg01957585	PSD3;PSD3	0.0975387	0.130612	0.374781	-2.66823	0.414057	0.605349	-1.65194	0.233337	2.11956	2.11956	0.505776	1.50065	1.50065	0.206049	0.448486	-2.22972	0.415701	0.606466	-1.6489	0.06505	0.287842	-3.47413	0.0221091	5.20525	5.20525	0.518078	0.674414	-1.48277	2.58884	14.818	5.08782	1
cg17727989	MOBKL2B	0.0975398	0.284859	1.14054	1.14054	0.704725	0.955932	-1.0461	0.704802	1.04609	1.04609	0.0107555	1.46136	1.46136	0.0999336	1.23789	1.23789	0.0827269	0.79655	-1.25541	0.373647	1.11417	1.11417	0.131351	1.21267	1.21267	0.998498	1.00022	1.00022	2.58883	0.574562	0.197279	1
cg26024682	MIR670	0.0975411	0.752892	0.899992	-1.11112	0.36682	1.36247	1.36247	0.219812	0.650215	-1.53795	0.876081	0.949269	-1.05344	0.0157429	2.68398	2.68398	0.149746	1.67402	1.67402	0.541665	1.22889	1.22889	0.0387225	0.449943	-2.2225	0.978745	1.00893	1.00893	2.58881	4.5636	1.56695	1
cg19951638	SBDS;TYW1	0.0975415	0.118224	0.704663	-1.41912	0.0512403	1.58106	1.58106	0.691142	0.920894	-1.0859	0.384594	0.831965	-1.20197	0.961277	0.990031	-1.01007	0.494499	0.866613	-1.15392	0.00750272	0.491558	-2.03435	0.941853	1.01517	1.01517	0.843506	0.960033	-1.04163	2.58881	1.74606	0.599523	1
cg07161239	MTX1;THBS3;MTX1	0.0975431	0.0146096	0.699236	-1.43013	0.364615	1.11721	1.11721	0.477548	0.917671	-1.08972	0.0414379	0.75594	-1.32286	0.80705	1.02954	1.02954	0.380438	1.11298	1.11298	0.131624	1.21366	1.21366	0.537651	1.07708	1.07708	0.997681	0.999654	-1.00035	2.58879	0.580362	0.199274	1
cg04462547	PTPRJ;PTPRJ	0.0975435	0.646611	0.903339	-1.107	0.00485116	0.439306	-2.27632	0.0408976	0.594715	-1.68148	0.665368	1.10057	1.10057	0.667823	0.909309	-1.09974	0.800276	0.945704	-1.05741	0.848245	0.95869	-1.04309	0.259886	1.29539	1.29539	0.508941	0.86282	-1.15899	2.58879	1.98829	0.682703	1
cg15260691	ST3GAL5;ST3GAL5	0.097544	0.57364	1.15703	1.15703	0.124107	1.53294	1.53294	0.842217	1.05246	1.05246	0.321912	1.30019	1.30019	0.00913967	2.33826	2.33826	0.226874	1.3847	1.3847	0.0631396	1.70947	1.70947	0.271956	0.745753	-1.34093	0.36462	0.787426	-1.26996	2.58878	2.69828	0.926485	1
cg22399646	NEU4;NEU4;NEU4;NEU4;NEU4	0.0975455	0.243407	0.602404	-1.66002	0.991793	0.995738	-1.00428	0.0276361	0.339159	-2.94847	0.358953	1.47945	1.47945	0.00818556	0.245368	-4.07551	0.865554	0.932056	-1.0729	0.292172	0.635206	-1.57429	0.64438	1.21288	1.21288	0.708433	1.16881	1.16881	2.58876	7.06903	2.42725	1
cg13014531	GABARAPL1	0.0975463	0.0903358	1.47153	1.47153	0.0150263	0.538645	-1.85651	0.189052	1.33375	1.33375	0.433435	1.17993	1.17993	0.191261	1.33162	1.33162	0.393274	1.19843	1.19843	0.088343	1.4758	1.4758	0.532365	1.13986	1.13986	0.980776	1.005	1.005	2.58875	1.75656	0.603143	1
cg06528737	USP6NL;USP6NL	0.0975494	0.217594	0.385454	-2.59434	0.00549471	0.068361	-14.6282	0.0247101	0.140092	-7.13815	0.768037	0.804624	-1.24282	0.108733	0.276444	-3.61737	0.389842	0.523281	-1.91102	0.327178	0.475486	-2.10311	0.117999	0.287206	-3.48182	0.583581	0.665733	-1.5021	2.58872	22.1472	7.60467	1
cg07896193	NUP62CL;CXorf41;CXorf41	0.0975529	0.079696	0.122867	-8.13888	0.541293	0.513429	-1.94769	0.685877	0.645104	-1.55014	0.49402	2.11432	2.11432	0.971647	1.03906	1.03906	0.0524871	0.0928298	-10.7724	0.804838	0.765759	-1.30589	0.0112925	30.5899	30.5899	0.932388	1.09579	1.09579	2.58868	47.6475	16.361	1
cg02357404	LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMCH1	0.0975566	0.30583	1.58701	1.58701	0.749914	1.14947	1.14947	0.67245	1.20351	1.20351	0.694277	1.18777	1.18777	0.275917	1.63837	1.63837	0.395322	1.46113	1.46113	0.00353958	0.178689	-5.59631	0.699245	0.844419	-1.18425	0.563697	0.775489	-1.28951	2.58864	7.77932	2.67127	1
cg23147149	MNT	0.0975581	0.198581	0.834231	-1.19871	0.299929	0.866488	-1.15408	0.540938	0.920747	-1.08607	0.267395	1.16665	1.16665	0.647925	0.940509	-1.06325	0.270562	1.16537	1.16537	0.0429933	0.732952	-1.36435	0.0231576	0.696151	-1.43647	0.186076	1.20566	1.20566	2.58862	0.729635	0.250545	1
cg16956426	SGCE;SGCE;PEG10;SGCE;PEG10	0.0975608	0.36615	0.444607	-2.24918	0.59097	1.6038	1.6038	0.0348814	0.111894	-8.93706	0.257254	0.355326	-2.81431	0.0157218	0.0700209	-14.2814	0.107664	0.212824	-4.69872	0.0412784	0.123267	-8.11249	0.0708637	0.167726	-5.96211	0.193773	0.299428	-3.3397	2.75573	32.2965	9.11537	1
cg24256946	PTBP1;PTBP1;PTBP1;PTBP1	0.0975611	0.0501884	0.763082	-1.31048	0.33032	1.12936	1.12936	0.154333	1.2028	1.2028	0.0966336	0.80181	-1.24718	0.435977	1.10103	1.10103	0.3141	0.881548	-1.13437	0.167859	1.19483	1.19483	0.745292	0.961294	-1.04026	0.0679208	1.28096	1.28096	2.58859	0.601264	0.206467	1
cg23685597	BAI1	0.0975613	0.0548392	8.82966	8.82966	0.190177	4.00567	4.00567	0.344806	2.6465	2.6465	0.206172	3.79514	3.79514	0.507901	0.510763	-1.95786	0.794659	1.29807	1.29807	0.00692698	32.9581	32.9581	0.0910735	6.43392	6.43392	0.124918	5.26658	5.26658	2.58858	41.0132	14.0834	1
cg04635671	SCN1B;SCN1B	0.0975616	0.206319	0.654494	-1.5279	0.19894	1.53981	1.53981	0.664864	1.14867	1.14867	0.137093	0.600948	-1.66404	0.178068	0.634403	-1.57628	0.562859	0.830251	-1.20445	0.274684	1.43537	1.43537	0.0434912	2.09236	2.09236	0.0581979	1.9754	1.9754	2.58858	4.14588	1.42365	1
cg11839606	MYBPH	0.097562	0.0690671	0.686706	-1.45623	0.215885	0.786123	-1.27207	0.295162	0.818249	-1.22212	0.592894	0.905099	-1.10485	0.030207	0.624461	-1.60138	?	?	?	0.0871888	1.41757	1.41757	0.417384	0.858023	-1.16547	0.0790647	0.697495	-1.4337	2.6174	1.25788	0.480583	1
cg27483469	DOPEY2	0.0975632	0.350159	0.692312	-1.44444	0.012098	0.302331	-3.30763	0.111205	0.515062	-1.94151	0.392722	0.715485	-1.39765	0.0230334	0.35366	-2.82757	0.336984	0.684876	-1.46012	0.934275	0.968954	-1.03204	0.917087	1.04062	1.04062	0.0358083	0.393002	-2.54452	2.58856	5.99414	2.05833	1
cg12905931	TTC28;LOC284900	0.0975633	0.398897	0.820154	-1.21928	0.547229	1.15008	1.15008	0.905691	0.973159	-1.02758	0.151397	1.42317	1.42317	0.04622	0.591976	-1.68926	0.0638291	0.619865	-1.61325	0.0297342	1.79912	1.79912	0.937399	1.0182	1.0182	0.753832	1.07489	1.07489	2.58856	2.16048	0.741889	1
cg11830346	AKT1;AKT1	0.0975635	0.346755	0.889947	-1.12366	0.829712	1.02626	1.02626	0.103481	1.23898	1.23898	0.338978	0.888161	-1.12592	0.0219547	1.39201	1.39201	0.246013	0.864158	-1.1572	0.659132	1.05487	1.05487	0.324182	1.13035	1.13035	0.0356343	1.34217	1.34217	2.58856	0.593672	0.203862	1
cg14488962	NTM	0.0975636	0.0153586	5.74076	5.74076	0.200178	2.21423	2.21423	0.454037	1.56516	1.56516	0.304674	1.86713	1.86713	0.157931	2.4274	2.4274	0.314528	1.84218	1.84218	0.0139403	5.95382	5.95382	0.0328965	4.33077	4.33077	0.160639	2.41164	2.41164	2.58856	14.1457	4.85751	1
cg02687055	MFSD2B	0.0975698	0.969112	1.03581	1.03581	0.0137583	17.5187	17.5187	0.583951	1.65411	1.65411	0.548954	0.575781	-1.73677	0.0527034	0.129775	-7.70562	0.928123	1.08544	1.08544	?	?	?	0.356432	2.37639	2.37639	?	?	?	2.81748	28.052	9.95642	1
cg13611989	ABL1;ABL1	0.0975734	0.503293	0.798616	-1.25217	0.00320097	3.7895	3.7895	0.609587	1.18591	1.18591	0.696572	1.13853	1.13853	0.856407	0.941797	-1.0618	0.235142	1.50976	1.50976	0.725167	1.12396	1.12396	0.0648083	1.98691	1.98691	0.409913	1.3218	1.3218	2.58845	4.49322	1.543	1
cg10668512	GANC;TMEM87A;TMEM87A	0.0975749	0.0890476	1.17493	1.17493	0.0202375	0.786092	-1.27212	0.550887	0.949451	-1.05324	0.104425	1.16483	1.16483	0.092033	1.17284	1.17284	0.491411	1.06192	1.06192	0.95206	1.00518	1.00518	0.455996	1.06744	1.06744	0.400682	0.928721	-1.07675	2.58843	0.302921	0.104026	1
cg12642289	ODZ4	0.0975751	0.0580227	0.230286	-4.34243	0.0115745	0.114904	-8.70293	0.0320326	0.178798	-5.59289	0.249623	0.438408	-2.28098	0.109087	0.301944	-3.31188	0.28768	0.469282	-2.13092	0.0694237	0.248593	-4.02263	0.119479	0.314155	-3.18314	0.140848	0.337713	-2.96109	2.58843	19.2549	6.61231	1
cg12580847	DAB2	0.0975769	0.412785	0.905508	-1.10435	0.581551	0.936146	-1.06821	0.264479	0.871212	-1.14783	0.0632226	1.28103	1.28103	0.00566898	1.53759	1.53759	0.97486	1.00374	1.00374	0.428114	1.10065	1.10065	0.926334	0.989097	-1.01102	0.960296	1.00592	1.00592	2.58841	0.576055	0.197824	1
cg01134935	CMTM5;IL25;IL25;CMTM5	0.097577	0.127504	0.463468	-2.15765	0.0172411	0.258216	-3.87273	0.153589	0.490176	-2.04008	0.0927387	2.3708	2.3708	0.147453	0.484162	-2.06543	0.820991	0.899641	-1.11155	0.906191	1.05655	1.05655	0.451783	1.4301	1.4301	0.168841	0.504528	-1.98205	2.5884	8.92714	3.06568	1
cg04449397	CDNF;CDNF;HSPA14	0.0975788	0.509701	0.919546	-1.08749	0.0475391	1.32875	1.32875	0.33815	1.13182	1.13182	0.0398595	1.34711	1.34711	0.0566049	1.31081	1.31081	0.049333	1.32492	1.32492	0.659528	1.05718	1.05718	0.240882	1.16647	1.16647	0.247637	0.859341	-1.16368	2.58838	0.644775	0.221425	1
cg27549166	ANKRD13A	0.0975816	0.0537027	0.588243	-1.69998	0.94863	0.984515	-1.01573	0.552571	1.15665	1.15665	0.0290623	1.86474	1.86474	0.0680639	0.609618	-1.64037	0.852048	1.04626	1.04626	0.186732	0.712484	-1.40354	0.80785	1.06079	1.06079	0.213179	1.37373	1.37373	2.58835	2.40497	0.825912	1
cg03309050	ZNF688;ZNF688	0.0975842	0.844637	1.03467	1.03467	0.0442286	1.4941	1.4941	0.022417	1.60837	1.60837	0.493651	1.12836	1.12836	0.153175	1.3044	1.3044	0.442302	1.1458	1.1458	0.088444	0.721412	-1.38617	0.35845	0.848696	-1.17828	0.590006	0.909824	-1.09911	2.58832	1.23724	0.424898	1
cg10211776	RAB11FIP1;RAB11FIP1	0.0975871	0.972007	0.982034	-1.01829	0.58732	1.32726	1.32726	?	?	?	0.0323578	0.274032	-3.64921	0.506326	0.705837	-1.41676	0.0481556	0.311362	-3.2117	0.0224533	0.243481	-4.10709	0.494427	1.43115	1.43115	0.229469	0.521266	-1.91841	2.61711	9.83453	3.75779	1
cg23090046	KLC1;KLC1;KLC1	0.0975877	0.519653	1.32302	1.32302	0.00757871	4.36223	4.36223	0.275447	1.62673	1.62673	0.543079	0.767974	-1.30213	0.788621	1.12214	1.12214	0.142448	1.96633	1.96633	0.0226162	3.22426	3.22426	0.25306	1.66853	1.66853	0.16708	1.88075	1.88075	2.58828	7.53922	2.58918	1
cg08165558	C14orf167;DHRS4;C14orf167;C14orf167;C14orf167	0.0975907	0.906944	0.928187	-1.07737	0.223569	0.442679	-2.25897	0.2314	0.449345	-2.22546	0.00517844	10.5067	10.5067	0.237922	0.454825	-2.19865	0.78931	1.1861	1.1861	0.349396	1.84759	1.84759	0.486863	1.56864	1.56864	0.910021	1.0747	1.0747	2.58825	16.6479	5.71742	1
cg13880228	PRLR	0.0975943	0.814154	1.04993	1.04993	0.0596776	1.55228	1.55228	0.296708	1.2509	1.2509	0.396759	1.19668	1.19668	0.129262	1.40378	1.40378	0.396355	0.83551	-1.19687	0.0151733	0.539457	-1.85372	0.399194	0.836454	-1.19552	0.593562	1.11791	1.11791	2.58821	1.75495	0.602718	1
cg27333274	ARL2BP	0.0975949	0.100072	1.52809	1.52809	0.456837	1.1952	1.1952	0.286942	1.29719	1.29719	0.195905	1.37966	1.37966	0.170147	1.41029	1.41029	0.672247	0.904714	-1.10532	0.0259997	1.86224	1.86224	0.0168561	1.98604	1.98604	0.0356018	1.77821	1.77821	2.5882	2.26989	0.779568	1
cg01439078	ERBB4;ERBB4	0.097595	0.36756	0.650001	-1.53846	0.0115942	0.230193	-4.34419	0.00863126	0.210443	-4.75189	0.329214	0.625838	-1.59786	0.143007	0.48064	-2.08056	0.148382	0.486011	-2.05756	0.212603	0.542811	-1.84226	0.177809	0.513517	-1.94736	0.31818	0.618666	-1.61638	2.5882	8.87926	3.04949	1
cg15763258	FLI1	0.0975964	0.0346965	0.376646	-2.65501	0.236349	0.611347	-1.63573	0.238782	0.613052	-1.63118	0.280482	0.640885	-1.56034	0.0234712	0.341855	-2.92522	0.0380719	0.385374	-2.59488	0.0167723	0.31423	-3.18238	0.515501	0.769889	-1.29889	0.295516	0.650365	-1.5376	2.58818	6.4472	2.21423	1
cg21376454	ERN1	0.0975992	0.11265	0.618043	-1.61801	0.69801	0.897049	-1.11477	0.280691	0.731657	-1.36676	0.0458537	0.528474	-1.89224	0.0641898	0.560162	-1.7852	0.160028	1.51934	1.51934	0.926204	0.974517	-1.02615	0.264251	0.723074	-1.38298	0.020099	0.457774	-2.18448	2.58815	3.18258	1.09304	1
cg14332129	TLE2	0.0975992	0.854094	0.956448	-1.04553	0.447467	1.20596	1.20596	0.057881	1.67975	1.67975	0.879278	0.963903	-1.03745	0.123824	1.49653	1.49653	0.93415	1.02019	1.02019	0.0149341	0.48482	-2.06262	0.300724	0.771526	-1.29613	0.227765	0.736202	-1.35832	2.58815	2.39835	0.823703	1
cg22809682	AXIN2	0.097601	0.566666	0.586102	-1.70619	0.17071	0.260356	-3.8409	0.654616	1.51494	1.51494	0.9474	1.06275	1.06275	0.630596	0.639566	-1.56356	0.711178	0.709577	-1.40929	0.0046533	0.0310555	-32.2004	0.121222	4.71133	4.71133	0.505306	1.86553	1.86553	2.58813	34.8804	11.9796	1
cg27652887	UPF2;UPF2	0.0976012	0.398054	0.578436	-1.7288	0.210237	2.30556	2.30556	0.00229722	0.0674763	-14.82	0.626572	0.73329	-1.36372	0.59786	0.714075	-1.40041	0.732533	0.804903	-1.24239	0.939844	1.04891	1.04891	0.85524	0.890886	-1.12248	0.724525	0.799429	-1.25089	2.58813	16.4067	5.63486	1
cg04071446	C10orf118;C10orf118	0.0976016	0.10528	0.788918	-1.26756	0.724778	1.04849	1.04849	0.882827	1.01995	1.01995	0.151518	0.813945	-1.22858	0.905309	1.01607	1.01607	0.260497	0.854513	-1.17026	0.0270983	0.704336	-1.41978	0.549484	0.922074	-1.08451	0.0293859	1.41017	1.41017	2.58812	0.735621	0.252648	1
cg26539823	FAM20B	0.0976019	0.262416	0.794616	-1.25847	0.500614	0.874151	-1.14397	0.231539	0.781229	-1.28003	0.727069	1.07137	1.07137	0.00512264	0.48308	-2.07005	0.313038	0.814401	-1.2279	0.715889	1.07456	1.07456	0.110066	0.709879	-1.40869	0.0477598	0.640611	-1.56101	2.58812	1.58663	0.544928	1
cg08549573	SRRM3	0.0976023	0.458378	0.767438	-1.30304	0.202596	0.62402	-1.60251	0.654599	0.85397	-1.171	0.86828	1.05991	1.05991	0.00275684	0.235075	-4.25396	0.0844784	0.512219	-1.95229	0.759866	0.898101	-1.11346	0.83257	0.928473	-1.07704	0.153616	0.585334	-1.70843	2.58812	5.0373	1.73006	1
cg22822140	SRPK3;SRPK3;SRPK3	0.0976043	0.16716	0.36631	-2.72993	0.356431	0.523689	-1.90953	0.553015	0.664132	-1.50573	0.394932	1.81157	1.81157	0.677752	0.752032	-1.32973	0.0837423	0.271116	-3.68845	0.00812813	0.0991883	-10.0818	0.771234	0.819691	-1.21997	0.0304507	0.176475	-5.66653	2.58809	19.0636	6.54744	1
cg04982781	RPL3;RPL3;RNU86	0.0976052	0.0267396	0.26288	-3.80401	0.920978	0.950745	-1.05181	0.169861	2.10485	2.10485	0.232943	0.529056	-1.89016	0.0385977	0.295365	-3.38564	0.684294	0.812133	-1.23132	0.0963052	0.394741	-2.53331	0.0585669	0.336988	-2.96747	0.267464	0.555418	-1.80045	2.58808	10.6208	3.64774	1
cg15067340	ELMO1	0.0976058	0.783322	0.948636	-1.05415	0.415475	0.852815	-1.17259	0.14862	1.34494	1.34494	0.438407	0.859683	-1.16322	0.0123201	0.550908	-1.81518	0.0369834	0.629155	-1.58943	0.13512	0.734833	-1.36085	0.135172	0.734868	-1.36079	0.671818	0.921719	-1.08493	2.58808	1.49986	0.515134	1
cg21926626	TSNARE1	0.0976071	0.456016	0.803181	-1.24505	0.0662496	0.551696	-1.81259	0.00853564	0.379512	-2.63496	0.0332263	0.487442	-2.05153	0.702397	0.895091	-1.1172	0.797675	0.92852	-1.07698	0.798854	1.07651	1.07651	0.84926	1.05647	1.05647	0.0899046	0.582942	-1.71544	2.58806	3.41621	1.17332	1
cg19083407	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839;LOC654433	0.0976078	0.259519	0.417223	-2.3968	0.321803	0.467365	-2.13966	0.00546934	0.0661938	-15.1071	0.644858	1.41187	1.41187	0.317803	2.15411	2.15411	0.201038	2.72793	2.72793	0.615809	0.686605	-1.45644	0.234189	0.395825	-2.52637	0.756701	1.2598	1.2598	2.58805	22.6374	7.77501	1
cg08968107	COL9A1	0.0976086	0.156171	0.404665	-2.47118	0.0892048	0.327024	-3.05788	0.012944	0.158871	-6.2944	0.112356	0.3567	-2.80347	0.0218991	0.193969	-5.15546	0.090081	0.328223	-3.04671	0.160821	0.409309	-2.44314	0.103453	0.345746	-2.8923	0.199517	0.445597	-2.24418	2.58805	14.5774	5.00674	1
cg26741595	HIST1H2BD;HIST1H2BD;HIST1H2BD;HIST1H2BD	0.0976089	0.158683	0.743554	-1.34489	0.267648	1.25496	1.25496	0.117055	1.39772	1.39772	0.0192793	1.7449	1.7449	0.312199	0.81415	-1.22827	0.188668	0.760398	-1.3151	0.611339	1.10604	1.10604	0.619414	0.906219	-1.10349	0.162976	1.34029	1.34029	2.58804	1.58545	0.544539	1
cg07885785	CXorf21	0.0976101	0.801405	0.93069	-1.07447	0.535296	0.836167	-1.19593	0.569978	0.849061	-1.17777	0.444749	0.800892	-1.24861	0.00244965	0.30082	-3.32424	0.857616	1.05251	1.05251	0.611749	1.15706	1.15706	0.325905	1.3352	1.3352	0.318787	0.745536	-1.34132	2.58803	3.32928	1.14348	1
cg06840243	UBE2O	0.0976112	0.131498	0.456184	-2.1921	0.105261	0.42605	-2.34714	0.362402	0.636821	-1.5703	0.873784	0.92623	-1.07965	0.0592729	0.358269	-2.7912	0.0114527	0.217585	-4.5959	0.017524	0.248169	-4.02952	0.257576	0.565793	-1.76743	0.474433	0.704223	-1.42	2.58802	9.52453	3.27133	1
cg20068620	MAPK4	0.0976116	0.625474	1.15381	1.15381	0.101194	1.68539	1.68539	0.0375357	2.01744	2.01744	0.283937	1.3823	1.3823	0.262278	0.711807	-1.40487	0.167784	1.53353	1.53353	0.491191	0.815985	-1.22551	0.0167553	2.33758	2.33758	0.706476	0.895807	-1.11631	2.58801	3.46692	1.19076	1
cg07661340	AP2S1;AP2S1	0.0976128	0.0513029	0.552726	-1.80921	0.695411	1.11085	1.11085	0.143268	1.52236	1.52236	0.195432	0.693611	-1.44173	0.407009	0.797222	-1.25436	0.0190523	0.468477	-2.13458	0.0542155	0.557813	-1.79271	0.365173	0.779894	-1.28223	0.740455	0.915013	-1.09288	2.588	2.9259	1.00495	1
cg12166662	FLJ42709;FLJ42709;FLJ42709	0.097614	0.731248	1.12818	1.12818	0.423381	0.751235	-1.33114	0.136468	0.570513	-1.75281	0.740024	0.89004	-1.12355	0.272794	1.49074	1.49074	0.251494	1.52058	1.52058	0.00677872	3.41271	3.41271	0.129981	1.7721	1.7721	0.838091	1.0742	1.0742	2.58798	5.01571	1.72273	1
cg16927796	NEFH	0.0976148	0.378388	0.763896	-1.30908	0.619022	0.861242	-1.16111	0.992791	0.997311	-1.0027	0.0132533	0.400614	-2.49617	0.0444088	0.502582	-1.98973	0.536879	0.829986	-1.20484	0.0631808	1.86401	1.86401	0.689546	1.12712	1.12712	0.731154	1.10825	1.10825	2.58797	3.63993	1.2502	1
cg15160573	SNORA16A;SNHG12	0.097615	0.0182684	1.74277	1.74277	0.695759	0.926627	-1.07918	0.91972	1.01974	1.01974	0.0830098	1.45089	1.45089	0.0354581	1.60768	1.60768	0.179061	1.31886	1.31886	0.930765	1.01699	1.01699	0.473489	0.868173	-1.15184	0.251786	0.792828	-1.26131	2.58797	1.54109	0.529315	1
cg04857395	LRPAP1	0.0976207	0.0536434	2.99567	2.99567	0.00651723	5.87117	5.87117	0.204537	1.95483	1.95483	0.132908	2.25185	2.25185	0.783882	0.871407	-1.14757	0.335394	1.64437	1.64437	0.163329	2.10622	2.10622	0.0668352	2.7975	2.7975	0.86751	1.08719	1.08719	2.58791	10.2742	3.52897	1
cg04016621	GRK7	0.097622	0.341226	0.540822	-1.84904	0.182571	2.42671	2.42671	0.925508	1.06036	1.06036	0.873947	0.905285	-1.10462	0.0268513	0.193325	-5.17264	0.744009	1.22797	1.22797	0.0564774	0.258363	-3.87053	0.0495908	4.07147	4.07147	0.700504	1.27409	1.27409	2.58789	16.0996	5.5299	1
cg14315006	LAMA2;LAMA2	0.0976235	0.712363	1.17686	1.17686	0.0135869	0.261098	-3.82998	0.0321676	0.331719	-3.0146	0.797205	1.1199	1.1199	0.297332	0.621805	-1.60822	0.598597	1.26314	1.26314	0.0780609	0.42275	-2.36546	0.368657	1.50088	1.50088	0.91089	1.05046	1.05046	2.58788	7.92615	2.72249	1
cg14093936	SEMA7A;SEMA7A;SEMA7A	0.0976261	0.927725	0.978918	-1.02154	0.460295	1.1931	1.1931	0.0466347	1.70759	1.70759	0.174111	1.40434	1.40434	0.477376	0.843943	-1.18491	0.0538998	1.67191	1.67191	0.449078	0.834297	-1.19861	0.410928	0.820802	-1.21832	0.0193516	1.94298	1.94298	2.58785	2.2607	0.776519	1
cg01858014	KTN1;KTN1;KTN1;KTN1	0.0976289	0.498076	0.79838	-1.25254	0.184211	0.630572	-1.58586	0.00571964	0.305401	-3.27438	0.107732	0.562925	-1.77644	0.948573	1.02134	1.02134	0.826619	1.07446	1.07446	0.0267946	0.423661	-2.36038	0.630157	0.853145	-1.17213	0.368473	0.739046	-1.3531	2.58781	4.39232	1.50872	1
cg14978637	EDN2	0.0976299	0.0341961	0.703987	-1.42048	0.131517	1.26017	1.26017	0.0449803	0.721234	-1.38651	0.520807	0.911699	-1.09685	0.576742	0.923033	-1.08339	0.623428	1.07282	1.07282	0.70912	0.948167	-1.05467	0.0521827	0.730744	-1.36847	0.0907273	0.767435	-1.30304	2.5878	0.826847	0.284015	1
cg03684893	DIP2C	0.0976314	0.660491	0.908562	-1.10064	0.945744	0.985344	-1.01487	0.887589	1.03116	1.03116	0.364162	0.816841	-1.22423	0.709903	0.922134	-1.08444	0.207212	0.749341	-1.33451	0.00968395	2.03422	2.03422	0.0920651	0.66877	-1.49528	0.103519	0.679582	-1.47149	2.58779	1.92903	0.662612	1
cg24932816	LMO4	0.0976338	0.622224	0.859376	-1.16364	0.3456	1.34503	1.34503	0.115218	0.592966	-1.68644	0.129672	1.64804	1.64804	0.543619	1.20635	1.20635	0.310163	0.725811	-1.37777	0.00856476	0.359357	-2.78275	0.596042	1.17734	1.17734	0.659992	1.14465	1.14465	2.58776	3.81654	1.31097	1
cg12601843	IGF2BP3	0.0976339	0.00470127	0.611	-1.63666	0.701673	0.950778	-1.05177	0.293795	1.15351	1.15351	0.454699	0.904962	-1.10502	0.21052	0.841114	-1.1889	0.800734	0.967378	-1.03372	0.579243	0.929181	-1.07622	0.37545	1.1267	1.1267	0.238874	1.17558	1.17558	2.58776	0.704827	0.242106	1
cg05532594	FAM19A5;FAM19A5	0.0976374	0.0774347	0.666088	-1.5013	0.873653	1.03349	1.03349	0.0295076	0.588257	-1.69994	0.3199	0.80834	-1.2371	0.105552	0.69348	-1.442	0.881091	1.03147	1.03147	0.0460669	1.60514	1.60514	0.810007	1.05112	1.05112	0.229631	0.770327	-1.29815	2.58772	1.75627	0.603285	1
cg09743009	MAPKAPK5;C12orf47;MAPKAPK5	0.0976374	0.426286	0.857267	-1.1665	0.0168198	1.73852	1.73852	0.2283	1.27089	1.27089	0.345644	0.831826	-1.20217	0.0533255	0.659586	-1.5161	0.163072	0.754085	-1.32611	0.742156	0.939329	-1.06459	0.478081	1.14652	1.14652	0.575232	1.1133	1.1133	2.58772	1.47297	0.505971	1
cg21552292	TRIO	0.0976406	0.0453397	0.738664	-1.3538	0.903303	1.01617	1.01617	0.325756	1.14325	1.14325	0.0670931	1.31099	1.31099	0.328133	0.87531	-1.14245	0.386392	0.889448	-1.12429	0.0884942	1.2814	1.2814	0.0772514	0.771685	-1.29587	0.896251	1.01736	1.01736	2.58768	0.713453	0.245077	1
cg06671387	ELMOD2	0.0976427	0.0674758	0.688917	-1.45155	0.0609376	0.681016	-1.46839	0.78892	0.952368	-1.05001	0.880773	0.973071	-1.02767	0.0184158	0.594454	-1.68222	0.123839	0.738504	-1.35409	0.0412958	0.65173	-1.53438	0.0538468	0.671561	-1.48907	0.999305	0.999842	-1.00016	2.58766	1.35578	0.465724	1
cg08428707	CHMP4B	0.097643	0.54531	0.917992	-1.08933	0.548218	1.08864	1.08864	0.194949	0.825601	-1.21124	0.0209747	1.47439	1.47439	0.675836	0.942907	-1.06055	0.899104	0.982424	-1.01789	0.0251573	1.451	1.451	0.0840281	1.30636	1.30636	0.481324	1.10523	1.10523	2.58765	0.800863	0.275106	1
cg09417640	MBLAC1	0.0976434	0.565981	0.901101	-1.10975	0.0904435	1.39772	1.39772	0.0572009	1.47132	1.47132	0.314627	1.20519	1.20519	0.865418	1.03091	1.03091	0.37096	0.847989	-1.17926	0.0744289	0.699955	-1.42866	0.0309994	1.5754	1.5754	0.782706	1.05087	1.05087	2.58765	1.32021	0.453509	1
cg19276111	CNR2	0.0976445	0.462575	1.68057	1.68057	0.10577	3.4097	3.4097	0.31991	2.04119	2.04119	0.745414	0.797577	-1.2538	0.216494	0.405406	-2.46666	0.0781819	0.257043	-3.8904	0.610487	0.700027	-1.42852	0.413821	1.78597	1.78597	0.0149291	7.98841	7.98841	2.58764	19.7515	6.78491	1
cg25502267	GAB2;GAB2	0.097645	0.28483	0.514752	-1.94268	0.00378784	0.096827	-10.3277	0.0402451	0.242546	-4.12294	0.898255	0.926384	-1.07947	0.194024	0.439831	-2.2736	0.303063	0.528525	-1.89206	0.191039	0.437124	-2.28768	0.551031	0.697282	-1.43414	0.898944	1.0789	1.0789	2.58763	14.6429	5.03006	1
cg05041984	SGMS1	0.0976471	0.922725	0.962548	-1.03891	0.616915	0.820031	-1.21947	0.528019	0.777613	-1.28599	0.583138	1.24365	1.24365	0.523297	1.2898	1.2898	0.988486	1.00569	1.00569	0.00605568	4.09713	4.09713	0.0239566	2.88556	2.88556	0.295427	1.53244	1.53244	2.58761	6.34303	2.17894	1
cg03754402	VIPR2	0.0976482	0.761711	0.926243	-1.07963	0.181381	0.69946	-1.42967	0.0185414	0.487081	-2.05304	0.422895	0.813653	-1.22903	0.322211	0.772885	-1.29385	0.171423	0.69293	-1.44315	0.0279773	1.92342	1.92342	0.677967	1.11093	1.11093	0.989268	0.996617	-1.00339	2.58759	2.60101	0.893497	1
cg02837212	ETFB	0.0976484	?	?	?	0.0390318	0.114401	-8.74115	0.95868	1.02615	1.02615	?	?	?	?	?	?	0.683453	1.23157	1.23157	?	?	?	?	?	?	?	?	?	9.40273	8.57754	0.608159	1
cg22000984	IRGM;IRGM	0.0976489	0.180002	1.25834	1.25834	0.0120479	0.603318	-1.6575	0.677661	0.934767	-1.06979	0.656411	1.07493	1.07493	0.953549	1.00945	1.00945	0.791477	1.04369	1.04369	0.0292199	1.51382	1.51382	0.846226	1.03183	1.03183	0.38709	0.866689	-1.15382	2.58759	1.06735	0.366656	1
cg09623845	LRRN1	0.097649	0.284767	0.579146	-1.72668	0.154647	0.472896	-2.11463	0.150247	2.13422	2.13422	0.72222	1.1918	1.1918	0.130821	0.448429	-2.23001	0.276513	0.573267	-1.74439	0.0177874	0.242551	-4.12284	0.0358805	0.301176	-3.32031	0.615522	0.779644	-1.28264	2.58759	9.90321	3.40196	1
cg19811108	MIR942;TTF2	0.0976498	0.0403911	0.33667	-2.97027	0.0230884	3.48767	3.48767	0.590367	1.28387	1.28387	0.458332	0.706643	-1.41514	0.570302	0.768156	-1.30182	0.329139	1.58899	1.58899	0.125068	0.466068	-2.14561	0.486182	1.38453	1.38453	0.278901	1.6781	1.6781	2.58758	8.66459	2.97648	1
cg01102073	GATA2;GATA2;GATA2	0.0976503	0.085651	12.1418	12.1418	0.0116392	63.0707	63.0707	0.280252	4.37131	4.37131	0.739	1.55183	1.55183	0.040225	22.5302	22.5302	0.661431	1.78451	1.78451	0.411345	0.33155	-3.01613	0.258519	4.70839	4.70839	0.0578658	16.7443	16.7443	2.58757	70.7793	24.3143	1
cg25316969	IGFBP2	0.0976504	0.445781	0.847144	-1.18044	0.214031	0.756368	-1.32211	0.288464	0.790414	-1.26516	0.22774	0.763196	-1.31028	0.668841	0.912252	-1.09619	0.268511	1.27887	1.27887	0.00651664	0.47021	-2.12671	0.978418	0.994243	-1.00579	0.150073	1.39001	1.39001	2.58757	1.86685	0.641305	1
cg14114178	GSTA4	0.0976512	0.617875	0.952107	-1.0503	0.0601411	0.813095	-1.22987	0.719299	0.965396	-1.03584	0.0636784	0.81592	-1.22561	0.00668179	0.709385	-1.40967	0.996916	0.999623	-1.00038	0.357718	0.911835	-1.09669	0.227402	0.883686	-1.13162	0.0491204	0.803179	-1.24505	2.58756	0.390232	0.134054	1
cg10037053	TRIM26	0.0976537	0.133529	0.834032	-1.19899	0.143617	1.1927	1.1927	0.0470405	1.29032	1.29032	0.345988	0.896877	-1.11498	0.0592403	0.787547	-1.26977	0.527368	1.07445	1.07445	0.189294	0.855612	-1.16875	0.899518	1.01427	1.01427	0.228098	1.15243	1.15243	2.58753	0.515368	0.177043	1
cg14375772	GLUD2	0.0976552	0.0951298	3.31475	3.31475	0.32083	1.95484	1.95484	0.513632	0.648636	-1.5417	0.736902	1.24651	1.24651	0.0512575	0.234449	-4.26532	0.250295	2.19256	2.19256	0.0337268	0.197798	-5.05567	0.220391	2.32099	2.32099	0.443559	1.6661	1.6661	2.58752	17.5008	6.01204	1
cg25691167	FERD3L	0.0976558	0.0285852	20.3055	20.3055	0.586753	1.89602	1.89602	0.0851959	9.19247	9.19247	0.575569	1.93355	1.93355	0.194373	4.95482	4.95482	0.68866	0.625317	-1.59919	0.240791	0.238955	-4.18489	0.0135128	35.2915	35.2915	0.520213	2.13784	2.13784	2.58751	55.6837	19.1291	1
cg18870712	ZNF551;ZNF551	0.0976607	0.123934	0.802668	-1.24585	0.398468	1.12081	1.12081	0.476949	1.10011	1.10011	0.979077	1.00347	1.00347	0.0589446	0.754734	-1.32497	0.310819	0.870795	-1.14838	0.0164168	1.47242	1.47242	0.474152	0.908432	-1.1008	0.365722	1.13044	1.13044	2.58745	0.713292	0.245043	1
cg06666836	DOCK3	0.0976615	0.1484	0.662811	-1.50873	0.752409	0.919467	-1.08759	0.34843	0.774062	-1.29189	0.983678	1.00544	1.00544	0.255951	0.730073	-1.36973	0.475485	0.824883	-1.21229	0.01855	2.13278	2.13278	0.138201	0.65477	-1.52725	0.0419324	0.536896	-1.86256	2.58744	2.88428	0.990865	1
cg02693150	C8orf38	0.0976665	0.322795	0.497	-2.01207	0.439749	0.583078	-1.71504	0.604301	1.43032	1.43032	0.617969	1.41087	1.41087	0.0280947	0.169371	-5.90421	0.532367	0.648358	-1.54181	0.0121455	0.117661	-8.49897	0.195843	2.55085	2.55085	0.254089	0.44251	-2.25983	2.58739	19.2047	6.59772	1
cg09444664	APH1B;APH1B	0.0976678	0.558788	1.35259	1.35259	0.0640899	2.89488	2.89488	0.0409508	3.33704	3.33704	0.10859	2.44508	2.44508	0.755947	0.85277	-1.17265	0.0317377	0.276345	-3.61867	0.84109	0.902533	-1.10799	0.573769	0.748006	-1.33689	0.540053	1.37285	1.37285	2.58737	10.6934	3.67369	1
cg23174607	PTP4A1	0.0976678	0.951826	1.0178	1.0178	0.00954247	0.383426	-2.60806	0.809866	0.932034	-1.07292	0.113855	1.65253	1.65253	0.156519	1.5567	1.5567	0.63602	1.14937	1.14937	0.124073	0.614889	-1.62631	0.752648	1.09672	1.09672	0.485885	1.2297	1.2297	2.58737	3.49421	1.20043	1
cg15625693	F11;F11	0.097669	0.0408824	0.26162	-3.82233	0.195485	0.459396	-2.17677	0.0331778	0.243006	-4.11512	0.457007	1.53779	1.53779	0.0766543	0.326677	-3.06113	0.496923	0.675797	-1.47973	0.0169305	0.191094	-5.23303	0.257415	0.510947	-1.95715	0.547578	0.707686	-1.41306	2.58736	13.227	4.54415	1
cg06160669	CHRM3	0.0976709	0.133469	0.403207	-2.48012	0.627885	1.31534	1.31534	0.420064	0.629845	-1.58769	0.777609	0.853085	-1.17222	0.0027667	0.0986446	-10.1374	0.199693	0.467526	-2.13892	0.897778	0.930414	-1.07479	0.261278	0.518184	-1.92982	0.209121	0.475719	-2.10208	2.58734	12.9039	4.43318	1
cg26321609	CCDC14	0.0976718	0.352921	1.69379	1.69379	0.0577404	3.2639	3.2639	0.0816527	0.345121	-2.89753	0.78404	0.859458	-1.16352	0.129385	0.405208	-2.46787	0.862061	0.908575	-1.10063	0.298382	0.551968	-1.8117	0.0768071	2.95929	2.95929	0.123684	0.398816	-2.50742	2.58733	12.4547	4.27888	1
cg13698224	NTRK2;NTRK2;NTRK2;NTRK2;NTRK2	0.0976719	0.130326	0.419982	-2.38105	0.0735906	2.88373	2.88373	0.137538	2.33768	2.33768	0.356403	1.65475	1.65475	0.375009	1.62165	1.62165	0.577189	1.34856	1.34856	0.876865	1.08581	1.08581	0.00734126	6.26456	6.26456	0.984017	0.98942	-1.01069	2.58733	11.5522	3.96882	1
cg06436508	C17orf47	0.097673	0.235563	0.623893	-1.60284	0.122451	0.529807	-1.88748	0.0106221	0.295428	-3.38491	0.417993	1.36903	1.36903	0.0251437	0.363939	-2.74771	0.219689	0.61274	-1.63201	0.665341	1.17959	1.17959	0.403803	0.723092	-1.38295	0.340099	0.688575	-1.45227	2.58731	5.90217	2.02773	1
cg07014154	SPRED2	0.0976741	0.419009	0.830989	-1.20339	0.0750002	0.641104	-1.55981	0.436534	1.19478	1.19478	0.74391	0.92914	-1.07626	0.232217	0.755101	-1.32433	0.400538	0.824537	-1.2128	0.142048	0.701938	-1.42463	0.0335442	1.74497	1.74497	0.0887667	1.52335	1.52335	2.5873	2.05987	0.707684	1
cg22342925	ZC3H3	0.0976742	0.642598	0.892553	-1.12038	0.808394	0.94262	-1.06087	0.550751	0.863448	-1.15815	0.844817	1.04882	1.04882	0.101457	1.54675	1.54675	0.395704	0.809322	-1.2356	0.00485285	2.48049	2.48049	0.279671	1.31437	1.31437	0.430025	0.822074	-1.21644	2.5873	2.42415	0.832838	1
cg11668512	ZHX3	0.0976746	0.175747	1.2947	1.2947	0.082871	1.41132	1.41132	0.00855202	1.82549	1.82549	0.640909	1.08793	1.08793	0.944287	1.01262	1.01262	0.50783	1.12809	1.12809	0.132697	1.33783	1.33783	0.784018	0.951906	-1.05052	0.137415	0.750497	-1.33245	2.58729	1.31883	0.453098	1
cg21662156	MFI2;MFI2	0.0976753	0.38061	1.61388	1.61388	0.0915927	0.372072	-2.68765	0.336229	0.589947	-1.69507	0.7941	0.87005	-1.14936	0.031112	0.260139	-3.8441	0.575592	1.35124	1.35124	0.0678566	0.336719	-2.96983	0.562199	1.36598	1.36598	0.026449	0.24646	-4.05745	2.58729	11.6067	3.98762	1
cg01263292	IRAK3;IRAK3;IRAK3;IRAK3	0.0976755	0.104555	40.1442	40.1442	0.149539	24.9272	24.9272	0.342463	7.65662	7.65662	0.994106	1.01549	1.01549	0.265586	0.0894132	-11.184	0.800376	0.590182	-1.69439	0.65013	2.58661	2.58661	0.0103509	830.147	830.147	0.0406392	136.941	136.941	2.58728	177.488	60.9779	1
cg19376842	MUPCDH;MUPCDH	0.0976757	0.409826	1.35207	1.35207	0.0389932	0.425239	-2.35162	0.0481685	0.44569	-2.24371	0.12082	0.547687	-1.82586	0.0370275	0.420372	-2.37884	0.204632	0.619405	-1.61445	0.0333618	0.410722	-2.43473	0.68112	0.862546	-1.15936	0.535619	0.798926	-1.25168	2.58728	5.24765	1.80289	1
cg11567172	RDX	0.0976762	0.388355	0.857435	-1.16627	0.00562121	1.88214	1.88214	0.0577063	1.45261	1.45261	0.710459	0.937183	-1.06703	0.822967	1.03976	1.03976	0.610765	0.914567	-1.09341	0.527672	0.894646	-1.11776	0.713628	0.937886	-1.06623	0.309583	1.20074	1.20074	2.58728	1.2403	0.426119	1
cg13526032	STK17A	0.0976765	0.110689	1.39716	1.39716	0.230416	1.27392	1.27392	0.364048	1.1966	1.1966	0.116984	1.38774	1.38774	0.276795	1.24316	1.24316	0.00994052	1.87111	1.87111	0.849031	1.03735	1.03735	0.0903906	0.698342	-1.43196	0.695804	1.07854	1.07854	2.58727	1.51717	0.521243	1
cg02077766	PTCRA	0.0976771	0.967202	1.02592	1.02592	0.0121638	0.14296	-6.99494	0.0467816	0.242445	-4.12465	0.4609	0.626701	-1.59566	0.0221849	0.181447	-5.51125	0.141785	0.374069	-2.6733	0.439771	0.612339	-1.63308	0.100719	0.326575	-3.06208	0.214202	0.443071	-2.25697	2.58727	15.8773	5.45484	1
cg03274876	C4orf27	0.0976782	0.494315	0.608291	-1.64395	0.588409	0.676163	-1.47893	0.505507	1.6224	1.6224	?	?	?	0.164678	0.345848	-2.89144	0.258947	2.32466	2.32466	0.266793	2.29026	2.29026	0.0224143	7.09404	7.09404	0.0380208	5.59957	5.59957	2.61604	18.893	7.22198	1
cg01123186	SOCS7	0.0976805	0.0930697	0.337084	-2.96662	0.0651799	3.38212	3.38212	0.0903446	2.99942	2.99942	0.441065	1.58786	1.58786	0.194556	0.445894	-2.24268	0.701008	1.25491	1.25491	0.0777308	0.315414	-3.17044	0.387783	1.6837	1.6837	0.285072	0.520214	-1.92228	2.58723	14.1943	4.8767	1
cg15648315	C13orf35;C13orf35	0.0976811	0.0895425	0.381892	-2.61854	0.200009	0.498474	-2.00612	0.192716	0.492157	-2.03187	0.256894	0.544155	-1.83771	0.0205886	0.238289	-4.19658	0.355472	0.613359	-1.63037	0.00760666	0.171179	-5.84184	0.453176	0.675044	-1.48138	0.0887574	0.380807	-2.626	2.58722	10.8363	3.72302	1
cg20692337	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.0976834	0.222988	1.78807	1.78807	0.197063	1.8569	1.8569	0.324034	1.58762	1.58762	0.226743	1.77887	1.77887	0.0155132	0.259941	-3.84703	0.854974	1.08658	1.08658	0.0494719	2.76582	2.76582	0.426315	1.44578	1.44578	0.626812	0.800617	-1.24904	2.58719	8.43948	2.89957	1
cg26692003	IQSEC1	0.0976838	0.0476171	0.160785	-6.21949	0.8358	0.845822	-1.18228	0.762585	0.783146	-1.2769	0.0776748	0.20555	-4.86499	0.0663123	0.189826	-5.26798	0.0754718	0.202591	-4.93606	0.0208296	0.106008	-9.43323	0.0572361	0.176312	-5.67177	0.0872509	0.217983	-4.58752	2.58719	26.6712	9.16352	1
cg07324031	GPRC5C;GPRC5C	0.0976884	0.521507	0.808301	-1.23716	0.0996115	1.80608	1.80608	0.564151	1.21042	1.21042	0.452509	0.778266	-1.28491	0.0103669	0.347308	-2.87929	0.405065	0.756513	-1.32185	0.528896	0.811429	-1.23239	0.0544265	0.489271	-2.04386	0.560882	1.2124	1.2124	2.58714	4.39609	1.51041	1
cg13504245	NTRK2;NTRK2	0.097689	0.482608	0.625009	-1.59998	0.0454945	4.52977	4.52977	0.0984166	3.29923	3.29923	0.0536681	4.23381	4.23381	0.280481	0.477658	-2.09355	0.300343	2.02761	2.02761	0.796105	0.843207	-1.18595	0.0256038	5.73507	5.73507	0.741891	1.24318	1.24318	2.58713	17.7738	6.10674	1
cg01657694	KLHL22	0.0976897	0.779592	1.04021	1.04021	0.273633	0.85206	-1.17363	0.0303462	1.4301	1.4301	0.114521	0.78567	-1.2728	0.0442813	1.38361	1.38361	0.14231	0.801187	-1.24815	0.648755	1.06657	1.06657	0.388473	0.883195	-1.13225	0.773388	1.04141	1.04141	2.58712	0.809208	0.278029	1
cg03115072	BET1L;BET1L;RIC8A	0.0977004	0.101901	1.60373	1.60373	0.812266	0.939163	-1.06478	0.844011	0.949357	-1.05334	0.0723248	1.69733	1.69733	0.118448	1.56385	1.56385	0.876899	1.04174	1.04174	0.0161805	0.460209	-2.17292	0.253814	1.3694	1.3694	0.605633	1.14729	1.14729	2.587	2.85139	0.979732	1
cg19774694	BCL6	0.0977073	0.527049	1.09714	1.09714	0.0262976	1.46403	1.46403	0.0303178	1.44532	1.44532	0.776117	0.959594	-1.04211	0.180383	0.814017	-1.22848	0.102349	0.772131	-1.29512	0.614756	0.929219	-1.07617	0.982573	0.996845	-1.00316	0.549355	0.916095	-1.09159	2.58692	0.857349	0.294592	1
cg11934304	IVD;IVD	0.0977075	0.873303	0.983999	-1.01626	0.9099	1.01151	1.01151	0.528573	0.937506	-1.06666	0.176544	0.864837	-1.15629	0.6881	1.04163	1.04163	0.0115481	1.37609	1.37609	0.069738	0.814647	-1.22753	0.896458	1.01325	1.01325	0.112005	1.19115	1.19115	2.58692	0.418566	0.143823	1
cg15895213	C14orf79;C14orf79	0.0977075	0.68312	0.912915	-1.09539	0.653187	0.904467	-1.10562	0.0645614	1.58552	1.58552	0.826657	0.952478	-1.04989	0.459656	0.84609	-1.18191	0.618101	0.894423	-1.11804	0.00447984	0.431133	-2.31947	0.262855	0.77171	-1.29582	0.686315	0.913811	-1.09432	2.58692	2.01913	0.693791	1
cg12608247	LOC643387;LOC151174;LOC151174	0.0977079	0.0436902	9.46618	9.46618	0.125278	4.99455	4.99455	0.229736	3.3925	3.3925	0.990167	0.988125	-1.01202	0.0489082	8.84472	8.84472	0.107397	5.49228	5.49228	0.0152243	17.9813	17.9813	0.259344	3.12875	3.12875	0.0466609	9.09869	9.09869	2.58692	38.497	13.2279	1
cg10512472	IGF2R	0.0977089	0.509657	1.14718	1.14718	0.117237	0.705176	-1.41809	0.414123	0.8425	-1.18694	0.0515955	0.634558	-1.5759	0.0115575	0.522933	-1.91229	0.232443	0.773319	-1.29313	0.210162	1.3114	1.3114	0.520031	0.874705	-1.14324	0.224639	0.769633	-1.29932	2.58691	1.72663	0.59329	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23661343	CLUL1;CLUL1;CLUL1	0.097711	0.174887	0.629678	-1.58811	0.0364403	2.18035	2.18035	0.420445	1.30194	1.30194	0.284321	0.700094	-1.42838	0.155151	0.614052	-1.62853	0.460851	0.786099	-1.2721	0.0288407	0.437698	-2.28468	0.173835	0.628876	-1.59014	0.787153	0.9169	-1.09063	2.58688	4.2102	1.44668	1
cg14154131	RERE;RERE	0.0977134	0.310982	0.773628	-1.29261	0.260708	0.750345	-1.33272	0.019511	0.500971	-1.99612	0.187534	1.40775	1.40775	0.854836	1.04586	1.04586	0.282927	1.31413	1.31413	0.0685951	1.64727	1.64727	0.94466	1.01714	1.01714	0.190351	1.40433	1.40433	2.58685	2.45616	0.843982	1
cg14064762	TRAF1	0.0977149	0.0288598	0.271167	-3.68777	0.402806	1.54278	1.54278	0.275482	0.562973	-1.77628	0.208186	0.510699	-1.9581	0.0355003	0.289492	-3.45433	0.2463	0.54118	-1.84782	0.0584493	0.338662	-2.9528	0.128095	0.434725	-2.30031	0.0448859	0.311676	-3.20846	2.58684	10.5068	3.61036	1
cg12779520	CD6	0.0977155	0.802771	1.0721	1.0721	0.0501709	1.86116	1.86116	0.313231	0.74813	-1.33667	0.313208	0.748119	-1.33669	0.777526	1.08199	1.08199	0.112069	1.61825	1.61825	0.00982929	2.47905	2.47905	0.84578	0.947267	-1.05567	0.322107	1.32917	1.32917	2.58683	3.17081	1.08956	1
cg00576027	DNAH9	0.097717	0.55798	1.15163	1.15163	0.093408	1.55227	1.55227	0.0526141	0.591522	-1.69055	0.293401	0.771269	-1.29656	0.343685	1.26168	1.26168	0.432205	1.21047	1.21047	0.240117	1.34056	1.34056	0.0476743	0.582956	-1.71539	0.207722	0.728656	-1.37239	2.58681	2.32635	0.799388	1
cg03541903	CDC42SE2;CDC42SE2	0.097718	0.0597154	1.61928	1.61928	0.361131	0.808197	-1.23732	0.0121801	0.492302	-2.03127	0.622119	0.893429	-1.11928	0.196396	0.733548	-1.36324	0.935174	0.981716	-1.01862	0.291003	0.779922	-1.28218	0.531958	1.15443	1.15443	0.262098	1.30377	1.30377	2.5868	2.10812	0.724401	1
cg09643398	BCL6;BCL6	0.0977212	0.107901	0.480758	-2.08005	0.0984944	0.469324	-2.13072	0.0313745	0.348505	-2.8694	0.146343	0.52154	-1.9174	0.910477	0.954128	-1.04808	0.0088801	0.249013	-4.01586	0.104114	0.47624	-2.09978	0.309975	0.644928	-1.55056	0.140862	0.516195	-1.93725	2.58677	7.14086	2.45381	1
cg23181138	AGTPBP1;AGTPBP1	0.0977225	0.370698	0.896464	-1.11549	0.726571	0.959115	-1.04263	0.363397	1.11747	1.11747	0.00425419	0.634532	-1.57596	0.23392	0.862106	-1.15995	0.891407	0.983889	-1.01637	0.103119	0.808967	-1.23614	0.861293	0.97942	-1.02101	0.373293	1.1148	1.1148	2.58675	0.579209	0.199034	1
cg05790002	SDR42E1	0.0977233	0.312599	0.746149	-1.34021	0.643746	0.877604	-1.13947	0.621469	0.869763	-1.14974	0.00532365	0.357218	-2.79941	0.29277	0.736396	-1.35796	0.099989	0.603323	-1.65749	0.233845	1.41893	1.41893	0.0853239	0.586686	-1.70449	0.465313	0.811951	-1.2316	2.58674	3.2199	1.10646	1
cg11218175	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.0977264	0.0789189	2.79316	2.79316	0.129679	2.36768	2.36768	0.657061	1.26523	1.26523	0.0832804	2.74409	2.74409	0.740803	0.839649	-1.19097	0.756245	1.17814	1.17814	0.0128665	5.08425	5.08425	0.0515422	3.21168	3.21168	0.0575041	3.09875	3.09875	2.58671	11.3556	3.90221	1
cg05583014	TREX1;TREX1;TREX1	0.0977265	0.893728	1.07101	1.07101	0.0249941	3.93113	3.93113	0.0880989	2.62749	2.62749	0.672484	1.2439	1.2439	0.102973	0.400274	-2.49829	0.916861	0.947816	-1.05506	0.0431147	0.302876	-3.30168	0.790854	0.872469	-1.14617	0.696796	0.817923	-1.22261	2.5867	10.7931	3.70892	1
cg13771471	ADARB2	0.0977266	0.0762753	0.352974	-2.83307	0.0268865	0.250569	-3.99092	0.0726649	0.347378	-2.87871	0.869884	0.917082	-1.09042	0.0278051	0.253365	-3.94687	0.0940451	0.378306	-2.64336	0.0615814	0.32898	-3.0397	0.068955	0.341437	-2.9288	0.413716	0.64327	-1.55456	2.5867	11.4208	3.92462	1
cg11159666	SDK2	0.0977267	0.4381	0.748954	-1.3352	0.212864	0.619089	-1.61528	0.143146	0.562645	-1.77732	0.772764	0.899585	-1.11162	0.126952	0.546992	-1.82818	0.553567	0.803297	-1.24487	0.314147	0.683548	-1.46296	0.0024302	0.213825	-4.67673	0.177236	0.592055	-1.68903	2.5867	5.47255	1.88058	1
cg05891572	BBS9;BBS9;BBS9;BBS9	0.0977268	0.127294	0.694391	-1.44011	0.782925	0.940744	-1.06299	0.397435	0.825603	-1.21124	0.0409688	0.593508	-1.6849	0.0747142	0.644629	-1.55128	0.893419	0.970787	-1.03009	0.891534	1.03064	1.03064	0.00590342	0.450836	-2.2181	0.222232	0.752973	-1.32807	2.5867	2.00408	0.688679	1
cg05294431	ANK1;ANK1;ANK1;ANK1;ANK1	0.0977277	0.384083	0.771911	-1.29549	0.985678	0.994807	-1.00522	0.100276	0.593145	-1.68593	0.544495	0.837003	-1.19474	0.0326254	0.484165	-2.06541	0.0213424	0.448226	-2.23102	0.0626693	0.544635	-1.83609	0.760537	1.09272	1.09272	0.0349863	0.490316	-2.0395	2.58669	3.44723	1.1846	1
cg22905550	SIN3B	0.0977294	0.00997975	0.285958	-3.49702	0.882003	1.05882	1.05882	0.240676	0.623342	-1.60426	0.0491433	0.421405	-2.37301	0.108818	0.510198	-1.96002	0.647432	1.19385	1.19385	0.318256	1.48726	1.48726	0.563621	1.25188	1.25188	0.978849	1.01025	1.01025	2.58667	6.06574	2.08444	1
cg16673702	SDC2	0.0977342	0.532267	0.920279	-1.08663	0.595155	0.93199	-1.07297	0.0599801	1.32139	1.32139	0.0216545	0.696214	-1.43634	0.38002	1.12554	1.12554	0.395381	1.1211	1.1211	0.0471837	0.742113	-1.3475	0.697706	1.0526	1.0526	0.707522	1.05074	1.05074	2.58662	0.706549	0.242805	1
cg15044384	ARRDC2;ARRDC2	0.0977343	0.283581	1.70362	1.70362	0.300633	1.67012	1.67012	0.406021	1.50157	1.50157	0.772804	0.870723	-1.14847	0.0109552	0.217233	-4.60335	?	?	?	0.885208	1.07152	1.07152	0.484874	0.71218	-1.40414	0.0782763	2.5483	2.5483	2.61539	8.41988	3.21936	1
cg05681827	LPCAT1	0.0977343	0.0283857	1.69859	1.69859	0.0168991	1.81615	1.81615	0.560972	1.12792	1.12792	0.023273	1.74244	1.74244	0.10736	1.43313	1.43313	0.235514	1.28991	1.28991	0.0760256	1.49822	1.49822	0.278948	1.25923	1.25923	0.27836	1.25962	1.25962	2.58662	1.71766	0.590273	1
cg05799343	TRIM62	0.0977349	0.0916651	0.601146	-1.66349	0.355323	1.29765	1.29765	0.412998	1.25778	1.25778	0.262139	0.725851	-1.37769	0.520584	0.836564	-1.19537	0.00953704	2.45883	2.45883	0.970794	0.990018	-1.01008	0.191259	0.684431	-1.46107	0.697917	0.898632	-1.1128	2.58661	3.07625	1.05716	1
cg14904433	NUCKS1	0.097735	0.00566552	0.43202	-2.31471	0.745368	0.927421	-1.07826	0.523036	1.16145	1.16145	0.280458	0.771506	-1.29617	0.130197	0.685262	-1.4593	0.612647	0.888647	-1.12531	0.50245	1.17044	1.17044	0.533506	0.864312	-1.15699	0.154675	1.42223	1.42223	2.58661	2.1903	0.752697	1
cg13898290	GRK5	0.0977354	0.568207	0.864203	-1.15714	0.369192	0.791874	-1.26283	0.409788	0.807923	-1.23774	0.843518	1.05128	1.05128	0.00375421	0.371616	-2.69095	0.576357	1.15352	1.15352	0.411148	1.23694	1.23694	0.482715	0.834844	-1.19783	0.0758615	0.606595	-1.64855	2.5866	2.62265	0.901277	1
cg05507546	HSD17B8;SLC39A7;SLC39A7	0.0977362	0.754541	1.09986	1.09986	0.386059	1.30953	1.30953	0.136759	1.62656	1.62656	0.454387	1.26019	1.26019	0.0132577	2.53833	2.53833	0.459504	0.795682	-1.25678	0.0145225	2.49367	2.49367	0.847647	1.06011	1.06011	0.498377	0.811728	-1.23194	2.5866	3.77296	1.29659	1
cg17822352	TCEAL5	0.0977362	0.585436	0.782815	-1.27744	0.792423	1.1244	1.1244	0.274771	0.603416	-1.65723	0.00563768	5.02819	5.02819	0.460131	0.715829	-1.39698	0.16423	0.516956	-1.9344	0.219241	0.563066	-1.77599	0.743125	0.863992	-1.15742	0.44757	0.708855	-1.41073	2.58659	8.09587	2.78216	1
cg11191744	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.0977377	0.365357	1.11581	1.11581	0.0509136	1.29954	1.29954	0.123053	0.821322	-1.21755	0.364994	1.11591	1.11591	0.0367887	0.751417	-1.33082	0.592062	1.0658	1.0658	0.193095	0.850207	-1.17618	0.370727	0.897363	-1.11438	0.199496	0.852391	-1.17317	2.58658	0.568672	0.195427	1
cg09029192	TNRC6C;TNRC6C	0.0977384	0.70704	0.842963	-1.18629	0.00765854	4.71589	4.71589	0.0618982	2.58904	2.58904	0.057457	2.64383	2.64383	0.465446	0.714548	-1.39949	0.478514	1.38542	1.38542	0.221933	1.78754	1.78754	0.204048	1.83399	1.83399	0.513091	1.35002	1.35002	2.58657	8.38671	2.88214	1
cg24727437	DSE;DSE	0.0977414	0.211132	0.48047	-2.0813	0.0510209	0.290391	-3.44363	0.0166588	0.196634	-5.08559	0.709302	1.23164	1.23164	0.0154783	0.191573	-5.21993	0.826726	0.885173	-1.12972	0.282179	0.536991	-1.86223	0.909895	1.06501	1.06501	0.228982	0.495404	-2.01856	2.58654	12.6803	4.35772	1
cg08670530	CCDC96;CCDC96	0.0977426	0.0389347	0.540465	-1.85026	0.511766	1.18684	1.18684	0.221713	0.718479	-1.39183	?	?	?	0.0158684	0.467449	-2.13927	0.201849	0.706869	-1.41469	0.855088	1.04818	1.04818	0.0798612	0.606347	-1.64922	0.781633	1.07415	1.07415	2.61529	2.43961	0.932826	1
cg22380533	SYT5	0.0977453	0.365325	1.13233	1.13233	0.373954	0.885205	-1.12968	0.376963	0.885919	-1.12877	0.706549	1.05183	1.05183	0.90111	1.01675	1.01675	0.197108	0.833447	-1.19984	0.03856	0.726016	-1.37738	0.297399	1.15527	1.15527	0.0181216	1.46731	1.46731	2.58649	0.731258	0.251308	1
cg10797920	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.0977494	0.232125	0.599838	-1.66712	0.185549	1.77452	1.77452	0.847355	1.08117	1.08117	0.193109	1.75507	1.75507	0.0127455	0.273209	-3.6602	0.739761	1.14458	1.14458	0.109209	0.488337	-2.04776	0.822479	0.913015	-1.09527	0.131196	0.512889	-1.94974	2.7533	6.99765	1.97676	1
cg08256701	CACNA1H;CACNA1H	0.0977499	0.372006	1.56289	1.56289	0.00524539	6.01218	6.01218	0.0236343	3.7301	3.7301	0.87775	1.07788	1.07788	0.547953	1.34474	1.34474	0.277233	1.73418	1.73418	0.0944096	2.44913	2.44913	0.18529	1.9825	1.9825	0.344249	1.60742	1.60742	2.58644	9.7225	3.34136	1
cg18068561	NNT;NNT	0.0977538	0.071593	0.45472	-2.19916	0.0317938	0.373148	-2.6799	0.260569	0.6315	-1.58353	0.878175	0.941684	-1.06193	0.0181941	0.32525	-3.07456	0.387291	0.706716	-1.415	0.0174996	0.322117	-3.10446	0.214301	0.599212	-1.66886	0.329362	0.674137	-1.48338	2.58639	6.28546	2.16018	1
cg16506185	C14orf48;C14orf48;C14orf48	0.0977556	0.308683	1.20825	1.20825	0.037715	1.54149	1.54149	0.00856833	1.82597	1.82597	0.686335	1.07561	1.07561	0.63008	1.09104	1.09104	0.0292711	1.58582	1.58582	0.75869	1.05688	1.05688	0.786191	0.952354	-1.05003	0.84556	0.965592	-1.03563	2.58637	1.32051	0.453834	1
cg03049568	TRIM26	0.0977561	0.170954	0.712334	-1.40384	0.79424	0.940998	-1.0627	0.0370067	0.569194	-1.75687	0.0949333	0.652476	-1.53262	0.0253917	0.538891	-1.85566	0.16185	0.706415	-1.4156	0.0257737	0.540066	-1.85162	0.999839	0.999953	-1.00005	0.069202	0.623114	-1.60484	2.58637	2.21756	0.762136	1
cg06892005	PPL	0.0977617	0.869355	0.954274	-1.04792	0.30937	1.34867	1.34867	0.651561	0.878746	-1.13798	0.684134	0.89021	-1.12333	0.0299045	0.483644	-2.06764	0.16156	0.653737	-1.52967	0.0232529	0.462451	-2.16239	0.238229	1.42085	1.42085	0.0873818	0.584737	-1.71017	2.58631	3.31151	1.13813	1
cg11206840	BCL10	0.0977638	0.0337445	0.662326	-1.50983	0.0260864	1.55071	1.55071	0.601568	0.916182	-1.09149	0.917541	1.01736	1.01736	0.803573	1.04228	1.04228	0.3219	0.843631	-1.18535	0.36186	0.855781	-1.16852	0.38211	1.16061	1.16061	0.0890333	1.36566	1.36566	2.58628	1.13097	0.388708	1
cg24636244	PFKFB3	0.0977639	0.113409	0.585584	-1.7077	0.011083	0.371768	-2.68985	0.987661	0.995208	-1.00482	0.41739	1.29363	1.29363	0.134272	0.605545	-1.65141	0.0910748	0.560915	-1.7828	0.837459	0.938182	-1.06589	0.044372	0.488041	-2.04901	0.943621	1.02221	1.02221	2.58628	3.95287	1.35858	1
cg14999931	PFKFB3	0.0977646	0.458114	0.800019	-1.24997	0.979416	0.99241	-1.00765	0.148037	1.58132	1.58132	0.396346	1.2924	1.2924	0.0107917	0.388389	-2.57474	0.261365	1.41327	1.41327	0.528724	0.828221	-1.20741	0.980325	0.992744	-1.00731	0.0607904	0.535692	-1.86675	2.58627	3.5722	1.22775	1
cg18876882	PPP1R11	0.0977653	0.0227829	0.523832	-1.90901	0.25803	1.32316	1.32316	0.0556356	1.67289	1.67289	0.746406	0.925905	-1.08002	0.389002	1.23301	1.23301	0.638309	1.11889	1.11889	0.0488434	0.586409	-1.7053	0.916742	0.975495	-1.02512	0.976286	1.00708	1.00708	2.58626	2.30576	0.792482	1
cg05340686	NFE2L1	0.0977653	0.51356	0.851204	-1.17481	0.146572	1.46068	1.46068	0.0557705	1.69383	1.69383	0.0856984	0.630105	-1.58704	0.503337	0.847765	-1.17957	0.025387	0.524062	-1.90817	0.322944	1.2818	1.2818	0.892666	0.967705	-1.03337	0.81811	0.945525	-1.05761	2.58626	2.42195	0.832416	1
cg05489271	SETD8	0.0977667	0.0571179	0.67313	-1.4856	0.16529	1.3128	1.3128	0.746827	1.06138	1.06138	0.142124	0.748103	-1.33671	0.0803869	0.700009	-1.42855	0.626245	1.09446	1.09446	0.042857	1.53514	1.53514	0.825132	1.04153	1.04153	0.389661	1.17599	1.17599	2.58625	1.38518	0.476084	1
cg07087557	CABC1	0.0977678	0.894517	0.988845	-1.01128	0.42049	1.07207	1.07207	0.0271919	1.24739	1.24739	0.468175	1.0644	1.0644	0.0541485	1.20299	1.20299	0.515177	1.05739	1.05739	0.10475	0.860774	-1.16175	0.76337	1.02586	1.02586	0.0281361	1.24514	1.24514	2.58624	0.292867	0.100659	1
cg03511754	SPATA17;GPATCH2	0.0977681	0.609646	0.852881	-1.1725	0.551112	1.20487	1.20487	0.8779	0.953601	-1.04866	0.0503529	1.99243	1.99243	0.396608	0.764711	-1.30768	0.499552	0.80912	-1.23591	0.00543976	0.322968	-3.09628	0.822908	0.933073	-1.07173	0.990688	0.9964	-1.00361	2.58623	3.91169	1.34445	1
cg19016110	CCDC49	0.0977694	0.574905	1.12023	1.12023	0.856872	1.03683	1.03683	0.98641	0.996593	-1.00342	0.0684974	1.50471	1.50471	0.00865442	0.511416	-1.95535	0.492341	1.14994	1.14994	0.209672	0.767285	-1.3033	0.629967	1.10215	1.10215	0.240678	1.27903	1.27903	2.58622	1.6442	0.565115	1
cg07777540	ADAMTS9	0.0977707	0.239729	0.379453	-2.63537	0.206786	2.85209	2.85209	0.163926	3.21949	3.21949	0.923989	0.927634	-1.07801	0.0147514	0.0942185	-10.6136	0.0826763	0.22029	-4.53947	0.733877	0.764444	-1.30814	0.116332	0.260997	-3.83146	0.433814	0.533308	-1.87509	2.5862	25.3783	8.72262	1
cg17571044	SLC22A23;SLC22A23	0.0977714	0.479795	0.893661	-1.11899	0.772141	0.955573	-1.04649	0.51145	0.901019	-1.10985	0.0155287	1.59128	1.59128	0.265713	1.19904	1.19904	0.0569081	1.40106	1.40106	0.0360598	1.46462	1.46462	0.443264	1.13014	1.13014	0.614017	0.923491	-1.08285	2.5862	1.00333	0.344849	1
cg06693511	MEGF10	0.0977732	0.260576	0.707973	-1.41248	0.648695	1.14453	1.14453	0.0251239	0.456586	-2.19017	0.636228	1.15053	1.15053	0.491812	1.22812	1.22812	0.196581	1.49458	1.49458	0.412903	1.27938	1.27938	0.0183983	2.32051	2.32051	0.971474	1.01058	1.01058	2.58617	3.54784	1.21942	1
cg08702689	PRRX1;PRRX1	0.0977737	0.0133885	0.120397	-8.30587	0.18346	0.37705	-2.65217	0.0697456	0.246183	-4.06202	0.055117	0.22249	-4.49459	0.0735284	0.251851	-3.9706	0.208799	0.400237	-2.49852	0.834699	1.15537	1.15537	0.871099	1.11877	1.11877	0.0743509	0.253063	-3.95159	2.58617	19.5639	6.72428	1
cg18741962	C5orf44;C5orf44;C5orf44;C5orf44;C5orf44;TRIM23;C5orf44;TRIM23;C5orf44;TRIM23	0.0977747	0.150712	1.43534	1.43534	0.00408624	2.46996	2.46996	0.199294	1.3747	1.3747	0.285279	0.770723	-1.29748	0.89308	1.03206	1.03206	0.628154	1.12134	1.12134	0.5122	0.855576	-1.1688	0.308714	1.28045	1.28045	0.962598	0.989057	-1.01106	2.58616	2.25524	0.77515	1
cg25193571	HCG4	0.0977776	0.033478	0.392162	-2.54997	0.973912	0.987754	-1.0124	0.0331544	0.391269	-2.55579	0.247101	0.633818	-1.57774	0.0752162	0.474058	-2.10945	0.60944	1.21427	1.21427	0.133774	0.54372	-1.83918	0.0456353	0.421679	-2.37147	0.0708837	0.467493	-2.13907	2.58612	5.81478	1.99862	1
cg23256971	LRTOMT;LRTOMT;LRTOMT;LRTOMT;NUMA1;LRTOMT;LRTOMT	0.0977781	0.0139543	0.742371	-1.34704	0.568981	1.0581	1.0581	0.121054	1.17931	1.17931	0.291128	0.898101	-1.11346	0.0498047	0.802907	-1.24547	0.920669	1.00982	1.00982	0.382364	1.09187	1.09187	0.358879	0.911597	-1.09698	0.40205	0.919302	-1.08778	2.58612	0.394233	0.135504	1
cg20826201	RASSF1;RASSF1;RASSF1;RASSF1	0.0977795	0.0898346	0.548524	-1.82307	0.671485	0.871962	-1.14684	0.535615	1.2232	1.2232	0.174774	1.58971	1.58971	0.109511	0.570985	-1.75136	0.0823744	1.85518	1.85518	0.0301629	0.440969	-2.26774	0.652129	1.1569	1.1569	0.474844	0.791835	-1.26289	2.5861	4.22471	1.45211	1
cg19736608	CORIN;CORIN	0.0977815	0.203832	0.529418	-1.88887	0.357977	1.5656	1.5656	0.105153	2.31552	2.31552	0.800486	1.12759	1.12759	0.142916	0.473941	-2.10997	0.47286	1.41373	1.41373	0.0211531	0.268609	-3.72288	0.12806	0.458336	-2.18181	0.209582	0.534133	-1.87219	2.58608	9.2104	3.1658	1
cg20328327	VKORC1L1	0.0977849	0.0754466	0.637301	-1.56912	0.959038	1.01176	1.01176	0.344795	0.801313	-1.24795	0.10069	0.664126	-1.50574	0.00786819	0.460156	-2.17318	0.0760363	0.638007	-1.56738	0.421852	1.20535	1.20535	0.560252	0.874527	-1.14347	0.168765	0.716207	-1.39625	2.58604	2.12226	0.729475	1
cg18000650	CTNNA1	0.0977868	0.22822	0.775619	-1.28929	0.278721	1.25392	1.25392	0.66418	0.91598	-1.09173	0.947584	1.0133	1.0133	0.0791497	0.67597	-1.47936	0.875565	0.969007	-1.03198	0.00505294	0.474804	-2.10613	0.24589	0.783626	-1.27612	0.17914	0.75073	-1.33204	2.58602	1.65319	0.568248	1
cg09118164	SYNJ1;SYNJ1;SYNJ1;SYNJ1	0.0977873	0.326358	1.21358	1.21358	0.0730126	0.682505	-1.46519	0.16318	0.752519	-1.32887	0.826978	0.959044	-1.0427	0.282844	0.808016	-1.2376	0.923939	0.981923	-1.01841	0.0141914	1.78248	1.78248	0.211743	0.777785	-1.2857	0.538942	1.12618	1.12618	2.58601	1.49464	0.513751	1
cg22380059	LIG3;LIG3	0.0977879	0.16392	1.91531	1.91531	0.932797	1.03759	1.03759	0.0264075	3.16373	3.16373	0.217941	0.567215	-1.763	0.948209	0.97198	-1.02883	0.540446	1.31144	1.31144	0.154071	1.94948	1.94948	0.0118381	3.95449	3.95449	0.392203	1.46742	1.46742	2.58601	7.8395	2.69467	1
cg08056390	CSE1L	0.0977886	0.199741	0.880449	-1.13578	0.0105688	1.35292	1.35292	0.0475647	1.23736	1.23736	0.327775	0.909427	-1.09959	0.773172	1.02753	1.02753	0.516459	1.06378	1.06378	0.687983	0.962769	-1.03867	0.453475	0.930744	-1.07441	0.35545	1.09345	1.09345	2.586	0.361776	0.124354	1
cg24935217	ELF5;ELF5	0.0977925	0.139723	0.315788	-3.16668	0.0466674	0.191615	-5.21879	0.860829	1.13574	1.13574	0.394574	0.531266	-1.8823	0.0519602	0.201115	-4.97229	0.139267	0.315306	-3.17152	0.0217683	0.135669	-7.37086	0.0226366	0.138115	-7.24036	0.423359	0.552594	-1.80965	2.58596	21.5481	7.40687	1
cg09487245	PTPN18;PTPN18	0.0977951	0.384054	0.87987	-1.13653	0.0609608	1.35369	1.35369	0.241206	1.19234	1.19234	0.371569	0.876732	-1.1406	0.570458	0.921069	-1.08569	0.0239339	1.47157	1.47157	0.450754	0.895667	-1.11649	0.0770609	0.754354	-1.32564	0.813185	0.966624	-1.03453	2.58593	0.842088	0.28946	1
cg05035024	GUCY2D	0.0977952	0.91726	0.962064	-1.03943	0.381381	0.715953	-1.39674	0.0374234	0.407054	-2.45668	0.0102392	0.299805	-3.3355	0.0382537	0.409126	-2.44423	0.073783	0.476278	-2.09961	0.740805	0.883782	-1.1315	0.146095	0.5595	-1.78731	0.684599	0.859	-1.16414	2.58592	5.6728	1.94997	1
cg26988331	C7orf20	0.0977966	0.551785	1.37357	1.37357	0.0348836	3.65589	3.65589	0.317277	1.72469	1.72469	0.677095	1.24707	1.24707	0.943648	1.03797	1.03797	0.0240295	0.241916	-4.13366	0.0724686	0.347599	-2.87688	0.881236	1.08201	1.08201	0.390417	0.628769	-1.59041	2.58591	11.3844	3.91331	1
cg05061892	TSPAN17;TSPAN17;TSPAN17	0.0977967	0.832242	0.931736	-1.07327	0.563376	1.21498	1.21498	0.912572	0.964053	-1.03729	0.385154	1.34551	1.34551	0.647153	0.857603	-1.16604	0.00279555	0.253259	-3.94853	0.642886	0.855869	-1.1684	0.242052	1.50401	1.50401	0.875045	0.948897	-1.05385	2.58591	4.55023	1.56411	1
cg13651224	CYTSB;CYTSB	0.0977973	0.775013	0.916534	-1.09107	0.63912	1.15447	1.15447	0.592026	1.17883	1.17883	0.125721	0.604148	-1.65522	0.0103707	0.37461	-2.66944	0.773076	0.915824	-1.09191	0.0626083	1.8913	1.8913	0.594462	1.17753	1.17753	0.217072	0.673689	-1.48436	2.5859	3.78819	1.30217	1
cg15500320	JUN	0.0977992	0.205696	0.715939	-1.39677	0.427849	0.816589	-1.22461	0.974554	0.992048	-1.00802	0.27572	1.32819	1.32819	0.334498	0.779472	-1.28292	0.290304	1.31614	1.31614	0.00391203	0.378293	-2.64346	0.900602	0.969207	-1.03177	0.972716	1.0086	1.0086	2.58588	2.5659	0.88202	1
cg16494192	SLC18A3;SLC18A3;CHAT	0.0978007	0.814646	1.08923	1.08923	0.197751	1.64132	1.64132	0.0112842	3.17418	3.17418	0.307745	1.46854	1.46854	0.896627	0.953792	-1.04845	0.198538	0.609854	-1.63974	0.0673176	0.474165	-2.10897	0.529493	1.26092	1.26092	0.531756	0.794107	-1.25928	2.58586	5.42518	1.8649	1
cg10962261	SMARCAL1;SMARCAL1	0.097801	0.00773359	5.11629	5.11629	0.127771	2.19387	2.19387	0.449055	1.44495	1.44495	0.323776	0.614926	-1.62621	0.938046	0.963588	-1.03779	0.333286	1.60992	1.60992	0.353572	0.634178	-1.57685	0.363919	0.640376	-1.56078	0.142898	2.11981	2.11981	2.58586	9.32379	3.20505	1
cg26936577	OR10A5	0.0978013	0.668272	0.834899	-1.19775	0.98797	0.993709	-1.00633	0.086078	0.452082	-2.21199	0.770517	0.884766	-1.13024	0.0231807	0.32105	-3.11478	0.670751	1.19601	1.19601	0.443006	1.38735	1.38735	0.390559	0.691941	-1.44521	0.00974073	0.254496	-3.92934	2.58586	7.17548	2.46657	1
cg21432302	SLC29A4;SLC29A4	0.0978031	0.103955	0.550387	-1.8169	0.041336	0.453666	-2.20427	0.203207	0.636899	-1.57011	0.193327	0.629811	-1.58778	0.0203246	0.39082	-2.55872	0.417894	0.757264	-1.32054	0.0113165	0.344628	-2.90168	0.361554	0.729777	-1.37028	0.170012	0.612084	-1.63376	2.58584	4.62012	1.58818	1
cg05288750	TNFAIP2	0.0978032	0.750669	0.956307	-1.04569	0.0174115	1.50041	1.50041	0.964466	1.00626	1.00626	0.930645	1.01227	1.01227	0.281312	1.16991	1.16991	0.878555	1.02166	1.02166	0.0117038	1.55493	1.55493	0.0927653	1.29591	1.29591	0.52257	0.913185	-1.09507	2.58583	0.80433	0.276491	1
cg16168321	SIPA1;SIPA1	0.0978032	0.800082	0.935696	-1.06872	0.00786965	0.40939	-2.44266	0.0242338	0.494782	-2.02109	0.423067	0.807088	-1.23902	0.283058	1.3393	1.3393	0.329854	0.76845	-1.30132	0.977474	0.992632	-1.00742	0.16999	0.681931	-1.46642	0.671789	0.894379	-1.11809	2.58583	2.80962	0.965817	1
cg20890325	CTBP1;CTBP1	0.0978043	0.770898	1.19478	1.19478	0.0515806	3.85909	3.85909	0.090787	3.11295	3.11295	0.676374	1.29156	1.29156	0.66262	0.76524	-1.30678	0.941518	1.04573	1.04573	0.0115734	0.145995	-6.84953	0.30716	1.90466	1.90466	0.686006	1.28109	1.28109	2.58582	15.2125	5.22937	1
cg22973038	TUFM	0.0978088	0.333655	0.898005	-1.11358	0.0124555	1.39861	1.39861	0.225661	1.14714	1.14714	0.933431	0.991028	-1.00905	0.111229	1.20584	1.20584	0.252829	1.13752	1.13752	0.291504	0.888623	-1.12534	0.0599701	1.25727	1.25727	0.317745	1.11786	1.11786	2.58577	0.476643	0.163852	1
cg21573231	SDCCAG8	0.0978099	0.749831	1.1202	1.1202	0.0246901	0.387112	-2.58323	0.0819072	0.50459	-1.98181	0.166068	1.68883	1.68883	0.2318	0.640836	-1.56046	0.230632	0.640052	-1.56237	0.0838567	1.97147	1.97147	0.445806	0.758996	-1.31753	0.539852	0.802344	-1.24635	2.58576	5.15586	1.77239	1
cg20479311	FAM64A	0.0978134	0.171853	1.46188	1.46188	0.226064	0.717571	-1.39359	0.00946905	0.423842	-2.35937	0.591594	0.868139	-1.15189	0.992783	1.00236	1.00236	0.321522	1.30655	1.30655	0.085743	0.609075	-1.64184	0.409635	1.24627	1.24627	0.463229	0.822886	-1.21524	2.58572	2.79143	0.959605	1
cg19297823	GCNT4	0.0978158	0.0620108	0.536286	-1.86468	0.00653964	0.350767	-2.8509	0.0730272	0.552729	-1.80921	0.377808	0.764656	-1.30778	0.0663808	0.543067	-1.84139	0.404505	0.776529	-1.28778	0.229372	0.687975	-1.45354	0.130512	0.616176	-1.62291	0.920591	1.03001	1.03001	2.58569	3.60071	1.23782	1
cg12818103	C14orf109;MOAP1;C14orf109	0.0978163	0.642894	0.832358	-1.20141	0.0289085	2.75195	2.75195	0.478967	1.32691	1.32691	0.173492	1.76671	1.76671	0.266955	0.634761	-1.5754	0.837452	0.922444	-1.08408	0.0277068	0.359608	-2.78081	0.270585	1.56955	1.56955	0.313718	1.50602	1.50602	2.58569	6.3245	2.17419	1
cg08983960	UFM1	0.0978183	?	?	?	0.831494	0.960486	-1.04114	0.284792	0.808151	-1.23739	?	?	?	?	?	?	?	?	?	0.185772	0.762596	-1.31131	0.0394347	1.60928	1.60928	0.113721	1.39888	1.39888	3.14407	0.94209	0.359569	1
cg11812015	TCF7L1	0.0978186	0.172266	0.515033	-1.94162	0.890769	1.06476	1.06476	0.443776	0.700061	-1.42845	0.765496	0.872309	-1.14638	0.00781485	0.210274	-4.75571	0.382437	1.50543	1.50543	0.029701	0.310762	-3.2179	0.532332	1.33491	1.33491	0.405574	0.677991	-1.47495	2.58566	8.54154	2.93638	1
cg12298823	OTUD5;OTUD5;OTUD5;OTUD5	0.0978191	0.00898649	0.00630131	-158.697	0.853978	0.763118	-1.31041	0.962201	0.932833	-1.072	0.306149	4.77186	4.77186	0.465379	2.98294	2.98294	0.0242881	0.0174063	-57.4505	0.63805	0.498605	-2.0056	0.737269	1.63926	1.63926	0.782762	1.50028	1.50028	2.7524	91.8533	25.9561	1
cg12891177	PCBP1	0.0978194	0.639959	1.14209	1.14209	0.413675	1.26576	1.26576	0.0460416	0.524782	-1.90555	0.500918	1.21247	1.21247	0.0964046	0.597616	-1.67331	0.266925	0.721668	-1.38568	0.0404923	0.513107	-1.94891	0.432964	1.25316	1.25316	0.127267	1.59216	1.59216	2.58565	3.25702	1.11969	1
cg02244039	TSSC1	0.0978198	0.537196	0.834944	-1.19768	0.085868	1.72982	1.72982	0.647875	1.14197	1.14197	0.187721	0.668273	-1.4964	0.0222014	0.45317	-2.20668	0.708625	1.11447	1.11447	0.470389	0.808957	-1.23616	0.163922	0.651256	-1.53549	0.0412961	0.506835	-1.97303	2.58565	3.41334	1.17343	1
cg05954989	PAOX;PAOX;PAOX	0.0978295	0.64212	0.908827	-1.10032	0.0206775	0.566008	-1.76676	0.0816648	0.674251	-1.48313	0.905881	0.976129	-1.02445	0.236415	0.776146	-1.28842	0.0850313	0.677745	-1.47548	0.0140578	0.538329	-1.8576	0.295047	0.80106	-1.24835	0.0639103	0.653514	-1.53019	2.58554	1.70857	0.587395	1
cg13718185	RHOBTB2;RHOBTB2;RHOBTB2	0.0978325	0.0427841	4.63341	4.63341	0.219091	2.33931	2.33931	0.0163548	6.88888	6.88888	0.543329	1.49858	1.49858	0.0516879	4.28921	4.28921	0.220967	0.429106	-2.33043	0.454107	1.65104	1.65104	0.111022	3.13182	3.13182	0.655292	1.34374	1.34374	2.5855	17.7048	6.08687	1
cg22652406	DNAJC4	0.0978337	0.5619	1.1359	1.1359	0.0123412	1.96784	1.96784	0.561187	1.13617	1.13617	0.332501	1.24261	1.24261	0.67036	0.911166	-1.0975	0.00729292	2.12087	2.12087	0.720754	1.08111	1.08111	0.988809	0.996957	-1.00305	0.262185	1.2892	1.2892	2.58549	1.93311	0.664602	1
cg19792908	ZNF221	0.0978338	?	?	?	0.154199	2.05454	2.05454	0.0272595	3.50273	3.50273	?	?	?	0.497623	0.724414	-1.38043	?	?	?	0.642794	0.803796	-1.2441	0.0890014	0.410794	-2.43431	0.578412	0.769028	-1.30034	2.8574	6.44463	2.63132	1
cg18016994	TRIM27	0.0978359	0.233706	0.680135	-1.4703	0.189798	0.651311	-1.53537	0.554737	0.83155	-1.20257	0.526101	1.21937	1.21937	0.00343564	0.293163	-3.41107	0.395459	0.764381	-1.30825	0.931843	0.973936	-1.02676	0.531704	1.21602	1.21602	0.147458	0.618857	-1.61588	2.58546	3.90318	1.34192	1
cg13541192	HAS1	0.0978368	0.12919	0.439046	-2.27766	0.0808532	0.378353	-2.64303	0.139874	0.450452	-2.21999	0.829959	1.11402	1.11402	0.263688	0.557119	-1.79495	0.0301087	0.27789	-3.59855	0.0109235	0.201109	-4.97243	0.295931	0.580341	-1.72312	0.0822345	0.380373	-2.629	2.58545	10.3217	3.54863	1
cg21651795	MAGI1;MAGI1;MAGI1	0.0978379	0.310566	0.827978	-1.20776	0.127803	0.743626	-1.34476	0.578971	1.1061	1.1061	0.470343	0.876226	-1.14126	0.448195	0.870174	-1.1492	0.229271	1.2548	1.2548	0.00746918	1.85834	1.85834	0.958587	1.00939	1.00939	0.343112	0.838855	-1.1921	2.58544	1.32542	0.455685	1
cg05290756	PRAM1	0.0978403	0.0966978	0.714772	-1.39905	0.201417	0.780022	-1.28202	0.00601654	0.51638	-1.93656	0.90482	0.978213	-1.02227	0.5807	0.902365	-1.1082	0.675148	0.92532	-1.08071	0.0348364	0.635765	-1.57291	0.944604	0.987285	-1.01288	0.0934085	0.71191	-1.40467	2.58541	1.38849	0.477377	1
cg14218108	CLNK	0.0978413	0.521118	1.17088	1.17088	0.0490385	0.57979	-1.72476	0.0151059	0.484687	-2.06319	0.0257169	0.525918	-1.90144	0.558676	0.866357	-1.15426	0.640747	0.892254	-1.12076	0.616449	1.13032	1.13032	0.309501	0.77483	-1.29061	0.156944	0.692664	-1.4437	2.5854	2.40937	0.828369	1
cg07785726	RCBTB1	0.0978428	0.655579	0.929637	-1.07569	0.213105	1.23751	1.23751	0.0745437	1.38109	1.38109	0.699028	1.06518	1.06518	0.02682	0.652939	-1.53154	0.0641659	0.713154	-1.40222	0.206964	0.805494	-1.24147	0.475879	0.888851	-1.12505	0.456256	1.13124	1.13124	2.58539	1.08155	0.371852	1
cg04813158	DHX36;DHX36	0.0978447	0.0110366	0.660872	-1.51315	0.545391	1.08276	1.08276	0.140605	1.22868	1.22868	0.961035	1.00637	1.00637	0.834709	1.02752	1.02752	0.6047	1.0702	1.0702	0.0488759	1.33941	1.33941	0.489593	0.91284	-1.09548	0.318241	1.14343	1.14343	2.58536	0.691207	0.237648	1
cg02251349	C8orf84	0.097846	0.31907	0.720309	-1.38829	0.101692	1.7698	1.7698	0.451202	0.783036	-1.27708	0.608224	0.848122	-1.17908	0.00776773	0.336515	-2.97164	0.565696	1.20322	1.20322	0.320651	1.38671	1.38671	0.424815	1.29651	1.29651	0.294237	0.70708	-1.41427	2.58535	4.15648	1.42907	1
cg15142913	PTP4A3;PTP4A3	0.0978491	0.309768	1.27167	1.27167	0.225613	1.33773	1.33773	0.0340944	0.568096	-1.76027	0.605965	1.12635	1.12635	0.0952403	0.657611	-1.52066	0.357276	1.2417	1.2417	0.0520078	1.65776	1.65776	0.364627	0.80815	-1.23739	0.415737	1.20949	1.20949	2.58531	2.14074	0.736035	1
cg18172804	CHD1L	0.0978494	0.0462405	0.477788	-2.09298	0.337911	0.726498	-1.37647	0.552955	0.823548	-1.21426	0.10987	0.569114	-1.75712	0.795359	1.0877	1.0877	0.276445	0.693407	-1.44216	0.558248	0.825726	-1.21105	0.138329	1.67543	1.67543	0.0318479	2.256	2.256	2.58531	4.28324	1.47268	1
cg10352719	DHRS1;DHRS1;C14orf21	0.0978519	0.0882703	0.742062	-1.3476	0.667377	1.07098	1.07098	0.869054	1.02652	1.02652	0.13301	0.773307	-1.29315	0.299067	0.843067	-1.18614	0.737782	0.948102	-1.05474	0.612964	1.08427	1.08427	0.00588974	0.564654	-1.771	0.322566	1.17594	1.17594	2.58528	1.03005	0.35416	1
cg13066703	TRAF5;TRAF5;TRAF5	0.0978545	0.709396	0.889896	-1.12373	0.161	0.627171	-1.59446	0.0558457	0.509119	-1.96418	0.0356074	0.46664	-2.14298	0.872144	1.05147	1.05147	0.542399	1.21186	1.21186	0.73829	1.11014	1.11014	0.67243	0.875884	-1.1417	0.0103225	0.365329	-2.73726	2.58525	3.97578	1.36699	1
cg12073495	AHDC1	0.0978549	0.24563	0.722138	-1.38478	0.226608	0.711528	-1.40543	0.119121	0.635446	-1.5737	0.802129	1.06963	1.06963	0.0173151	0.459745	-2.17512	0.747661	0.917103	-1.09039	0.0107612	0.423576	-2.36085	0.226213	0.711302	-1.40587	0.0975069	0.614197	-1.62814	2.58525	2.94254	1.01174	1
cg03924715	CHST13	0.0978559	0.0936814	0.709236	-1.40997	0.371447	0.842796	-1.18653	0.0073353	0.5251	-1.9044	0.579362	0.900908	-1.10999	0.0806611	0.696935	-1.43485	0.262881	0.804491	-1.24302	0.252497	1.24953	1.24953	0.156384	0.753848	-1.32653	0.219386	0.786073	-1.27215	2.58524	1.42215	0.488981	1
cg18675097	NKAPL;NKAPL	0.0978574	0.0128942	20.4044	20.4044	0.0475054	9.15496	9.15496	0.281703	2.9827	2.9827	0.409368	2.28005	2.28005	0.247579	3.25718	3.25718	0.911934	1.11413	1.11413	0.0533434	8.53346	8.53346	0.167771	4.20443	4.20443	0.025887	13.2461	13.2461	2.58522	39.0679	13.4329	1
cg01459882	POLR3E	0.0978583	0.299431	1.48438	1.48438	0.66197	1.17537	1.17537	0.254274	1.54842	1.54842	0.513993	0.784203	-1.27518	0.00754746	0.282931	-3.53444	0.933765	0.969931	-1.031	0.144079	1.77963	1.77963	0.166549	1.71904	1.71904	0.626539	1.19735	1.19735	2.58521	5.52357	1.8992	1
cg13342370	ITGBL1	0.0978608	0.994648	0.996832	-1.00318	0.468721	0.705581	-1.41727	0.256229	0.570854	-1.75176	0.800699	0.887222	-1.12711	0.38144	0.653994	-1.52907	0.224045	0.546498	-1.82983	0.563305	1.31838	1.31838	0.00227352	0.132736	-7.53375	0.261086	0.574391	-1.74097	2.58518	9.16231	3.15037	1
cg08267591	COBLL1	0.0978618	0.310032	0.575591	-1.73734	0.447236	1.50279	1.50279	0.845554	0.902535	-1.10799	0.23766	0.52181	-1.91641	0.00830697	0.169635	-5.89499	0.879399	0.923265	-1.08311	0.465475	0.67667	-1.47782	0.0400889	0.287252	-3.48126	0.0490067	0.306726	-3.26024	2.58517	11.3204	3.89244	1
cg16641210	DGCR5	0.0978621	0.497117	1.09566	1.09566	0.0633773	0.758304	-1.31873	0.0936856	0.783257	-1.27672	0.685049	1.05552	1.05552	0.0924879	0.782417	-1.27809	0.641858	1.06404	1.06404	0.0961443	0.784952	-1.27396	0.314997	1.14762	1.14762	0.0813744	1.29176	1.29176	2.58517	0.719035	0.247235	1
cg02777633	PSMD6	0.0978628	0.362988	1.16276	1.16276	0.119211	1.31355	1.31355	0.0763689	1.37437	1.37437	0.376716	0.86389	-1.15756	0.334413	0.851656	-1.17418	0.0667846	0.717856	-1.39304	0.0378249	0.678099	-1.47471	0.716772	1.06052	1.06052	0.710164	1.06206	1.06206	2.58516	1.06517	0.366252	1
cg05031995	SAT2;SHBG;SHBG	0.0978632	0.498108	0.879655	-1.13681	0.121828	1.36706	1.36706	0.0112678	1.8073	1.8073	0.33938	1.20152	1.20152	0.984587	0.996405	-1.00361	0.292634	1.22574	1.22574	0.823375	1.04256	1.04256	0.0132701	1.77205	1.77205	0.546146	1.12061	1.12061	2.58515	1.4231	0.489325	1
cg07017175	RORA;RORA;RORA;RORA	0.0978653	0.453293	0.817725	-1.22291	0.848141	1.05179	1.05179	0.268384	1.3548	1.3548	0.957478	1.01414	1.01414	0.9617	1.01273	1.01273	0.395236	0.795054	-1.25778	0.00429511	0.365711	-2.7344	0.96438	1.01183	1.01183	0.130098	1.53829	1.53829	2.58513	2.84063	0.976741	1
cg02764006	CACNG4	0.0978663	0.554825	1.11572	1.11572	0.179463	0.769987	-1.29872	0.266825	0.808907	-1.23624	0.670632	1.08158	1.08158	0.264383	0.807955	-1.23769	0.624361	1.09469	1.09469	0.0069199	1.89785	1.89785	0.612438	0.910603	-1.09817	0.215229	0.787312	-1.27014	2.58512	1.37581	0.473071	1
cg10331829	SLC1A2	0.0978681	0.132415	0.469875	-2.12823	0.00731771	0.200183	-4.99542	0.10169	0.434544	-2.30126	0.873785	1.07675	1.07675	0.0554574	0.364313	-2.74489	0.7603	0.867327	-1.15297	0.450793	0.699485	-1.42962	0.0721169	0.393091	-2.54394	0.811502	1.11755	1.11755	2.5851	8.85887	3.04613	1
cg05706173	PRKCZ;PRKCZ;PRKCZ	0.0978706	0.105343	1.93529	1.93529	0.247223	0.6367	-1.5706	0.390996	0.720388	-1.38814	0.512514	1.28127	1.28127	0.383034	0.716203	-1.39625	0.350745	1.43101	1.43101	0.028364	2.62644	2.62644	0.718525	1.1446	1.1446	0.0437647	0.421111	-2.37467	2.58507	5.70056	1.96017	1
cg07074757	CLASP1;CLASP1;CLASP1;RNU4ATAC	0.0978725	0.498411	1.07521	1.07521	0.16968	0.85698	-1.16689	0.217084	1.14686	1.14686	0.233441	1.14089	1.14089	0.609989	1.05578	1.05578	0.00770828	0.696833	-1.43506	0.398218	0.912778	-1.09556	0.349104	1.10705	1.10705	0.6811	1.04456	1.04456	2.58505	0.45578	0.156724	1
cg01411892	PDGFRA	0.0978753	0.015061	0.353052	-2.83244	0.978727	1.00934	1.00934	0.867933	0.943654	-1.05971	0.481713	0.779422	-1.283	0.0403611	0.438133	-2.28241	0.0835515	0.513012	-1.94927	0.0183936	0.369063	-2.70957	0.361308	0.721071	-1.38683	0.252362	0.65924	-1.5169	2.58502	4.97192	1.70965	1
cg15172381	GOLGA3	0.0978767	0.0718303	0.183556	-5.44793	0.0592697	0.165935	-6.02645	0.144663	0.266732	-3.74908	0.817076	0.822476	-1.21584	0.285132	0.392015	-2.55092	0.46682	0.535487	-1.86746	0.00943791	0.0623428	-16.0403	0.0431977	0.140597	-7.11254	0.087229	0.20336	-4.91739	2.585	29.1287	10.0163	1
cg10253640	PPFIBP2	0.097879	0.887753	1.06506	1.06506	0.00709284	4.72323	4.72323	0.508901	0.741526	-1.34857	0.285331	1.64089	1.64089	0.440481	0.703935	-1.42059	0.163573	1.94163	1.94163	0.543243	1.31602	1.31602	0.575949	0.777106	-1.28683	0.0478352	2.74483	2.74483	2.58497	8.15373	2.8038	1
cg06762457	ZC3H12D	0.0978792	0.194291	0.565081	-1.76966	0.294482	1.57138	1.57138	0.682899	0.843052	-1.18617	0.206142	0.574467	-1.74075	0.00452883	0.207585	-4.81731	0.224924	0.588713	-1.69862	0.211721	0.578774	-1.72779	0.883349	1.06293	1.06293	0.15917	0.535035	-1.86904	2.58497	7.0735	2.43235	1
cg27113374	CDC10L	0.0978792	0.355459	1.53509	1.53509	0.77568	1.13748	1.13748	0.720919	0.850664	-1.17555	0.473687	1.38898	1.38898	0.843263	0.914609	-1.09336	0.648945	0.813305	-1.22955	0.415775	0.687268	-1.45504	0.00441729	0.180289	-5.54666	0.118794	2.14561	2.14561	2.58497	8.32324	2.8621	1
cg10023915	SWAP70	0.0978809	0.222006	0.59944	-1.66822	0.816287	1.09723	1.09723	0.396667	0.707464	-1.4135	0.155374	0.545418	-1.83346	0.0023956	0.185076	-5.40318	0.227835	0.603668	-1.65654	0.442176	0.731651	-1.36677	0.951573	1.02451	1.02451	0.288243	0.644295	-1.55208	2.58495	6.50857	2.2381	1
cg25518712	ZSCAN18	0.0978818	0.263337	0.318888	-3.13589	0.287607	0.338863	-2.95104	0.143126	0.213876	-4.67562	0.342881	0.383749	-2.60587	0.040903	0.0989729	-10.1038	0.901283	0.885476	-1.12934	0.00774625	0.0350051	-28.5672	0.0516347	0.114052	-8.7679	0.0798109	0.148768	-6.72189	2.58494	39.3297	13.5244	1
cg13728069	NELF;NELF;NELF;NELF	0.0978821	0.167744	0.46487	-2.15114	0.100056	0.391101	-2.55688	0.625114	0.773718	-1.29246	0.760446	0.852726	-1.17271	0.025403	0.250537	-3.99143	0.0714282	0.350336	-2.8544	0.0150014	0.210601	-4.74832	0.050466	0.313045	-3.19443	0.842366	0.901467	-1.1093	2.58494	11.1116	3.82096	1
cg23025703	C14orf102;C14orf102	0.097885	0.0588054	1.99525	1.99525	0.107757	1.76481	1.76481	0.0945372	1.81265	1.81265	0.881515	1.04946	1.04946	0.827801	1.07305	1.07305	0.455938	0.782111	-1.27859	0.741404	1.11313	1.11313	0.00723117	3.0702	3.0702	0.172056	1.60076	1.60076	2.58491	4.28837	1.47467	1
cg12344468	ADARB2	0.0978877	0.0907469	0.66673	-1.49986	0.270393	1.28356	1.28356	0.996002	0.998911	-1.00109	0.478181	0.854826	-1.16983	0.170609	0.72802	-1.37359	0.0864797	0.662359	-1.50976	0.0198468	1.84366	1.84366	0.779123	1.06307	1.06307	0.413719	1.19934	1.19934	2.58488	1.93726	0.666186	1
cg23930825	RSPH9	0.0978884	0.470591	1.48936	1.48936	0.229511	1.98237	1.98237	0.12522	2.46116	2.46116	0.336386	1.71248	1.71248	0.400395	0.626781	-1.59545	0.957754	1.02917	1.02917	0.00312765	8.96025	8.96025	0.291196	1.81198	1.81198	0.304039	1.78194	1.78194	2.58487	12.0578	4.14645	1
cg01314439	ASAM	0.0978905	0.956446	0.991686	-1.00838	0.347419	1.15938	1.15938	0.670516	0.936677	-1.0676	0.9494	0.990346	-1.00975	0.623388	1.07859	1.07859	0.00946345	1.65308	1.65308	0.0121782	1.61214	1.61214	0.378852	1.14798	1.14798	0.627108	0.927897	-1.07771	2.58484	0.956567	0.328949	1
cg11514698	NRCAM;NRCAM	0.0978949	0.356316	0.896182	-1.11584	0.992961	0.998981	-1.00102	0.409773	1.10229	1.10229	0.195168	0.853593	-1.17152	0.20072	0.855444	-1.16898	0.809058	1.02836	1.02836	0.322525	1.12532	1.12532	0.00450378	0.645693	-1.54872	0.283152	0.87912	-1.1375	2.58479	0.546419	0.187909	1
cg07303308	LOC286016;TNPO3;TNPO3	0.0978958	0.464977	0.912252	-1.09619	0.896679	0.984083	-1.01617	0.244088	1.16242	1.16242	0.878262	0.981248	-1.01911	0.184353	0.840382	-1.18993	0.325528	0.882168	-1.13357	0.00757073	0.654248	-1.52847	0.0973418	1.25193	1.25193	0.420879	0.903434	-1.10689	2.58478	0.62438	0.21472	1
cg21810188	VCAN;VCAN;VCAN;VCAN	0.0978962	0.4946	0.676547	-1.47809	0.933426	1.04808	1.04808	0.010386	0.152161	-6.572	0.754318	1.19309	1.19309	0.0905543	0.345025	-2.89834	?	?	?	0.654131	1.28883	1.28883	0.695984	0.801806	-1.24718	0.0949708	2.84796	2.84796	2.77892	12.0995	3.80977	1
cg14063566	RECQL5;LOC100130933;LOC100130933	0.0978978	0.481013	0.809416	-1.23546	0.629646	0.866378	-1.15423	0.0226889	0.446985	-2.23721	0.941008	1.02209	1.02209	0.0810768	0.564993	-1.76993	0.572194	0.844945	-1.18351	0.0338747	2.07758	2.07758	0.219888	1.46345	1.46345	0.84379	0.943426	-1.05997	2.58476	3.56718	1.22674	1
cg12899065	GP1BB;SEPT5	0.0978983	0.370058	1.25816	1.25816	0.67762	0.900957	-1.10993	0.967212	1.01031	1.01031	0.0990145	0.636857	-1.57021	0.0200895	0.496744	-2.01311	0.316387	0.772271	-1.29488	0.591663	0.873633	-1.14465	0.0284832	1.90591	1.90591	0.777891	0.931881	-1.0731	2.58476	2.54795	0.876231	1
cg24845823	PAFAH2	0.0979007	0.4047	0.7983	-1.25266	0.27341	1.35143	1.35143	0.146254	1.50997	1.50997	0.654122	1.12655	1.12655	0.450447	1.22529	1.22529	0.0414655	0.537267	-1.86127	0.063037	0.575501	-1.73762	0.792516	0.932715	-1.07214	0.0610509	1.74678	1.74678	2.58473	2.85788	0.982825	1
cg06093811	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;FLJ30679	0.0979009	0.27591	0.677993	-1.47494	0.0131109	2.87165	2.87165	0.391323	0.73997	-1.35141	0.983152	1.00727	1.00727	0.725356	0.886089	-1.12855	0.331683	0.709356	-1.40973	0.723335	1.12961	1.12961	0.0232883	2.5337	2.5337	0.83991	1.07181	1.07181	2.58473	4.81265	1.65508	1
cg05650911	C11orf84	0.0979034	0.605308	0.890791	-1.1226	0.406049	0.828147	-1.20752	0.490583	1.16805	1.16805	0.106565	1.47832	1.47832	0.0114816	0.495839	-2.01678	0.928384	1.02014	1.02014	0.610476	1.12071	1.12071	0.0750697	1.55229	1.55229	0.359737	0.811485	-1.23231	2.5847	2.01448	0.692787	1
cg23177822	RNF141	0.0979052	0.348385	0.74008	-1.3512	0.567256	0.835029	-1.19756	0.254181	0.689889	-1.44951	0.514825	1.22866	1.22866	0.00347952	0.290453	-3.44289	0.912902	1.0347	1.0347	0.454557	1.26807	1.26807	0.693372	1.13151	1.13151	0.159364	0.625715	-1.59817	2.58468	3.97908	1.36843	1
cg20266104	TMEM11;TMEM11	0.097906	0.836614	1.0176	1.0176	0.0902099	1.17087	1.17087	0.296178	0.912549	-1.09583	0.861258	0.98533	-1.01489	0.572027	1.04942	1.04942	0.168651	1.13192	1.13192	0.206602	0.893564	-1.11911	0.013568	0.772551	-1.29441	0.263317	1.10353	1.10353	2.58467	0.292172	0.10048	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14752336	SORCS3	0.0979063	0.046856	0.640179	-1.56206	0.14425	1.35997	1.35997	0.076885	1.47053	1.47053	0.867943	1.03316	1.03316	0.413936	1.17787	1.17787
cg22614400	GIGYF1	0.0979074	0.923933	1.02869	1.02869	0.0229968	2.23745	2.23745	0.0424636	1.99763	1.99763	0.140963	1.5983	1.5983	0.759085	0.912927	-1.09538
cg13130201	BCAS2	0.0979082	0.142644	0.510139	-1.96025	0.503769	1.33616	1.33616	0.976769	1.01252	1.01252	0.397559	1.44773	1.44773	0.0539942	2.5454	2.5454
cg24748769	OTX2;OTX2	0.0979087	0.118747	0.142067	-7.03894	0.0144701	0.0310418	-32.2147	0.0984716	0.12391	-8.07036	0.145001	0.164686	-6.07218	0.091995	0.117942	-8.47875
cg20568423	KIFAP3	0.0979102	0.0750518	0.288012	-3.47208	0.372523	1.77688	1.77688	0.879766	0.909332	-1.09971	0.0266698	5.20228	5.20228	0.744796	1.22763	1.22763
cg19655950	DPF3	0.0979103	0.0116187	1.92791	1.92791	0.280685	1.2628	1.2628	0.13493	0.715079	-1.39845	0.0977949	1.45933	1.45933	0.258854	0.782598	-1.27779
cg18061904	ACVR1C;ACVR1C;ACVR1C;ACVR1C	0.0979112	0.580004	1.6546	1.6546	0.922035	1.0922	1.0922	0.781953	1.28397	1.28397	0.323209	0.39882	-2.50739	0.452629	0.501927	-1.99232
cg05486193	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.0979118	0.0623539	0.683838	-1.46233	0.954965	1.01028	1.01028	0.109905	1.37118	1.37118	0.0113468	1.77578	1.77578	0.731455	1.06439	1.06439
cg21606664	DAB1	0.0979181	0.0160153	1.58011	1.58011	0.658062	1.07156	1.07156	0.620362	1.08056	1.08056	0.754891	0.952567	-1.04979	0.0338549	0.680849	-1.46875
cg12592779	ZNF12;ZNF12	0.0979197	0.00319262	0.458584	-2.18062	0.748333	1.06432	1.06432	0.521675	1.13402	1.13402	0.274565	1.24626	1.24626	0.430814	1.16849	1.16849
cg01400040	RORA	0.0979202	0.0321669	0.288979	-3.46046	0.0881069	0.394127	-2.53725	0.0338294	0.293503	-3.40712	0.470597	0.695503	-1.43781	0.360893	0.628341	-1.59149
cg13495574	CENPL;CENPL;DARS2;CENPL	0.0979224	0.0463861	1.49776	1.49776	0.651749	1.08377	1.08377	0.250008	0.808283	-1.23719	0.237309	1.24508	1.24508	0.480315	1.13545	1.13545
cg17114402	ANKRD36	0.0979253	0.133619	0.809378	-1.23552	0.0711568	0.768371	-1.30145	0.712031	1.04966	1.04966	0.0113389	0.660718	-1.51351	0.726	1.04707	1.04707
cg19416879	COIL	0.0979262	0.565512	0.847099	-1.1805	0.164265	0.654484	-1.52792	0.0456619	0.519688	-1.92423	0.120027	0.617699	-1.61891	0.201414	1.47016	1.47016
cg27068095	PRRT1	0.0979287	0.293718	0.659941	-1.51529	0.10946	1.9463	1.9463	0.0170873	3.0323	3.0323	0.623473	1.20782	1.20782	0.656737	0.843091	-1.18611
cg14629509	AKR1B1	0.0979293	0.131328	1.28088	1.28088	0.570728	0.916612	-1.09097	0.658925	1.06983	1.06983	0.421418	0.88267	-1.13293	0.667338	0.936405	-1.06791
cg24385450	NOP14	0.09793	0.947122	0.983817	-1.01645	0.197319	0.715156	-1.3983	0.0197389	0.500259	-1.99896	0.949322	0.984486	-1.01576	0.155227	1.45375	1.45375
cg17025232	ATPGD1;ATPGD1	0.0979306	0.389393	1.74745	1.74745	0.0286695	5.12085	5.12085	0.370483	0.55881	-1.78952	0.766351	1.20752	1.20752	0.530613	0.669006	-1.49476
cg18430128	ZNF135;ZNF135;ZNF135;ZNF135;ZNF135	0.0979321	0.709904	0.942273	-1.06126	0.913814	0.982919	-1.01738	0.0781796	1.36534	1.36534	0.626766	0.92498	-1.0811	0.648662	0.929604	-1.07573
cg00409917	HCG4P6	0.0979327	0.0426604	41.9353	41.9353	0.711567	1.8123	1.8123	0.324957	5.09023	5.09023	0.760851	1.63025	1.63025	0.433556	0.278209	-3.59442
cg09275862	TAF1A;TAF1A	0.0979331	0.678862	0.867116	-1.15325	0.345659	0.717042	-1.39462	0.34913	0.718856	-1.3911	0.820127	0.924965	-1.08112	0.281099	0.681359	-1.46766
cg08579858	RASL10A;RASL10A	0.0979345	0.0425156	6.98041	6.98041	0.0203486	10.2405	10.2405	0.207751	3.01935	3.01935	0.126018	3.96366	3.96366	0.0522102	6.27769	6.27769
cg01850449	LYPD1;LYPD1	0.0979368	0.753409	0.941431	-1.06221	0.203518	0.773335	-1.2931	0.0728685	1.46695	1.46695	0.616005	0.907701	-1.10168	0.942515	0.986284	-1.01391
cg23648015	RUVBL2	0.0979389	0.0226157	0.607337	-1.64653	0.0648485	0.684704	-1.46049	0.0220732	0.605644	-1.65113	0.250415	0.803006	-1.24532	0.0429101	0.653357	-1.53056
cg16259583	MOSPD1	0.0979395	0.14233	0.384964	-2.59765	0.0368949	0.230604	-4.33644	0.871014	0.906329	-1.10335	0.0771865	3.28459	3.28459	0.454399	0.630517	-1.586
cg23269655	CHCHD1	0.0979428	0.295752	1.13143	1.13143	0.731323	1.04003	1.04003	0.0169203	1.39346	1.39346	0.986903	0.998132	-1.00187	0.0145546	1.4088	1.4088
cg19847244	ALDH1A2;ALDH1A2;ALDH1A2	0.097943	0.0335232	0.485777	-2.05856	0.254696	0.707695	-1.41304	0.969367	1.01123	1.01123	0.944466	0.979952	-1.02046	0.699316	0.893301	-1.11944
cg03371662	SHANK2;SHANK2	0.0979442	0.401352	1.24835	1.24835	0.338243	1.29037	1.29037	0.356658	1.2774	1.2774	0.249089	0.73264	-1.36493	0.0127622	0.449785	-2.22329
cg18705155	KCNK5	0.0979446	0.364642	0.806995	-1.23917	0.450377	0.837744	-1.19368	0.0231818	0.535357	-1.86791	0.0735063	0.631706	-1.58301	0.845351	0.956042	-1.04598
cg21818749	B4GALNT1	0.0979447	0.460993	0.87641	-1.14102	0.780773	0.952252	-1.05014	0.518719	1.12178	1.12178	0.129944	0.748119	-1.33669	0.0746731	0.701893	-1.42472
cg17631390	SPTBN5	0.0979461	0.146245	3.06858	3.06858	0.241906	2.41216	2.41216	0.17122	2.84996	2.84996	0.837538	0.862781	-1.15904	0.613479	0.693394	-1.44218
cg24407596	SMURF1;SMURF1	0.0979487	0.603881	0.739566	-1.35214	0.297369	0.536493	-1.86396	0.451253	0.642488	-1.55645	0.816001	1.14379	1.14379	0.10126	0.355476	-2.81313
cg11207983	C1orf51	0.0979514	0.161839	1.42267	1.42267	0.89565	0.969506	-1.03145	0.572594	0.874103	-1.14403	0.0818585	0.634422	-1.57624	0.706846	1.09326	1.09326
cg03766851	MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2	0.0979522	0.138175	0.409375	-2.44275	0.0604245	0.305846	-3.26962	0.364468	0.593697	-1.68436	0.905051	1.06904	1.06904	0.070923	0.323396	-3.09218
cg12861945	C4orf39;TRIM61	0.0979525	0.120111	0.140753	-7.10464	0.331168	0.314476	-3.17989	0.016684	0.0312854	-31.9638	0.923376	0.895411	-1.11681	?	?	?
cg17776688	ACCN1	0.0979534	0.0693305	0.413358	-2.41921	0.0459626	0.369899	-2.70344	0.130784	0.491919	-2.03286	0.938888	1.0339	1.0339	0.0123385	0.258024	-3.87561
cg14696254	EIF4E1B;SNCB;SNCB;EIF4E1B	0.0979535	0.739081	1.06961	1.06961	0.027334	1.69154	1.69154	0.035273	1.63822	1.63822	0.18001	0.750773	-1.33196	0.278934	1.25437	1.25437
cg06425606	INPP5A	0.0979546	0.326787	0.784088	-1.27537	0.0437388	0.572946	-1.74537	0.0351448	0.554528	-1.80333	0.544925	1.1586	1.1586	0.304296	0.774443	-1.29125
cg12109455	DPYSL4	0.097955	0.511823	0.924388	-1.0818	0.0144265	1.42804	1.42804	0.0408864	1.32165	1.32165	0.334612	0.889061	-1.12478	0.704881	1.04599	1.04599
cg27543222	PIGC;PIGC;C1orf105;PIGC;PIGC	0.0979573	0.0388578	0.587029	-1.70349	0.257277	1.30125	1.30125	0.267057	1.29373	1.29373	0.344021	1.24246	1.24246	0.268454	0.773586	-1.29268
cg18180783	MYOZ1	0.0979585	0.276581	1.28875	1.28875	0.053013	1.63699	1.63699	0.0187351	1.89373	1.89373	0.24623	1.31235	1.31235	0.279484	0.777223	-1.28663
cg09298466	ODZ3	0.09796	0.572404	1.0683	1.0683	0.442826	1.09486	1.09486	0.924449	1.01105	1.01105	0.110143	0.817358	-1.22345	0.688793	1.04773	1.04773
cg03565674	HCCA2	0.0979602	0.866184	0.939831	-1.06402	0.015603	2.97718	2.97718	0.735333	1.13297	1.13297	0.350941	0.702409	-1.42367	0.0217462	0.362937	-2.7553
cg15179595	MIR92A1;MIR17HG;MIR17HG;MIR19B1	0.097961	0.0252727	0.172772	-5.78796	0.121444	0.330128	-3.02913	0.831698	0.868946	-1.15082	0.348177	0.528601	-1.89179	0.0661388	0.256532	-3.89814
cg19512021	CEP57	0.0979611	0.0260891	0.562022	-1.77929	0.0283674	0.568486	-1.75906	0.549457	0.87618	-1.14132	0.731756	0.927652	-1.07799	0.0651733	0.636444	-1.57123
cg00498211	SLC1A4;SLC1A4	0.0979655	0.758696	0.831969	-1.20197	0.310403	1.87132	1.87132	0.185705	2.31123	2.31123	0.827316	1.13932	1.13932	0.0428552	0.248685	-4.02114
cg03892812	KNDC1	0.0979662	0.113111	0.71245	-1.40361	0.00621673	0.495908	-2.0165	0.707385	0.928538	-1.07696	0.126164	0.722271	-1.38452	0.379466	0.837547	-1.19396
cg22932677	MAST1	0.0979669	0.262663	1.39879	1.39879	0.854282	1.05425	1.05425	0.265618	0.71651	-1.39565	0.797514	0.92878	-1.07668	0.428808	1.26127	1.26127
cg00081602	RGNEF	0.0979671	0.0984358	0.534814	-1.86981	0.938657	0.973771	-1.02694	0.0151386	0.356801	-2.80268	0.978807	1.00922	1.00922	0.905901	0.959985	-1.04168
cg26925688	FSD1	0.0979696	0.220304	0.730152	-1.36958	0.132826	0.673162	-1.48553	0.123284	0.665362	-1.50294	0.0491334	0.578047	-1.72996	0.00881274	0.443134	-2.25665
cg06329316	MAGI1;MAGI1;MAGI1	0.0979703	0.231602	0.719588	-1.38968	0.393939	1.25737	1.25737	0.330541	0.768482	-1.30127	0.0820291	0.603286	-1.65759	0.121713	0.644027	-1.55273
cg16480660	LRRC28	0.0979713	0.0904667	0.681364	-1.46764	0.418636	1.18527	1.18527	0.176503	1.34382	1.34382	0.0374555	0.608604	-1.6431	0.956442	1.0113	1.0113
cg13146839	LOC647309;LOC647309	0.0979716	0.444868	0.614891	-1.6263	0.368886	0.562002	-1.77935	0.0745844	0.289313	-3.45646	0.636603	0.742928	-1.34603	0.0648707	0.274022	-3.64934
cg10185099	THBD	0.0979746	0.104183	0.584903	-1.70969	0.514252	0.818993	-1.22101	0.961951	0.985701	-1.01451	0.302452	0.724337	-1.38057	0.0937753	0.573296	-1.7443
cg01295022	FLJ32810	0.0979752	0.337456	0.91652	-1.09108	0.927177	1.00809	1.00809	0.473053	1.06645	1.06645	0.414084	1.07637	1.07637	0.428586	0.931239	-1.07384
cg23809103	ASB15	0.0979756	0.558379	0.599913	-1.66691	0.685666	0.703779	-1.4209	0.0395034	0.127972	-7.81419	0.171453	0.284514	-3.51477	0.0184227	0.0847065	-11.8055
cg10037494	INS-IGF2;IGF2AS;IGF2;IGF2;IGF2AS;IGF2	0.0979771	0.883545	1.03546	1.03546	0.0202784	0.514112	-1.9451	0.109227	1.51467	1.51467	0.0824145	1.57991	1.57991	0.425013	0.823926	-1.2137
cg09412528	SLC25A3;SLC25A3;SLC25A3	0.0979772	0.649859	1.10115	1.10115	0.144979	0.718907	-1.391	0.0136812	0.525772	-1.90196	0.0524988	0.628228	-1.59178	0.765075	0.938771	-1.06522
cg24191821	P2RY6;P2RY6;P2RY6;P2RY6	0.0979803	0.0373638	0.0876983	-11.4027	0.35388	0.382556	-2.614	0.0829183	0.144535	-6.91875	0.308277	0.345652	-2.89308	0.00941569	0.036304	-27.5452
cg22744131	MAP1LC3A	0.097981	0.177538	0.359924	-2.77836	0.262965	0.43508	-2.29843	0.0976767	0.273674	-3.65398	0.0454436	0.194734	-5.13521	0.022683	0.142943	-6.9958
cg21946374	SLC12A7	0.0979833	0.82285	1.07056	1.07056	0.205777	0.666424	-1.50055	0.071048	0.541645	-1.84623	0.270866	0.705712	-1.41701	0.957817	0.984046	-1.01621
cg22275872	TOLLIP	0.0979844	0.928775	1.03375	1.03375	0.640538	1.19078	1.19078	0.491898	1.29586	1.29586	0.468219	1.31525	1.31525	0.630973	1.19686	1.19686
cg05390563	MTF2;MTF2;MTF2;MTF2	0.0979849	0.102307	0.672111	-1.48785	0.440491	0.839612	-1.19103	0.440104	0.839483	-1.19121	0.0214163	0.541032	-1.84832	0.316762	0.794534	-1.2586
cg20992361	DGKB;DGKB	0.097986	0.200057	1.26817	1.26817	0.0105921	0.568815	-1.75804	0.241135	0.806253	-1.24031	0.629756	1.08899	1.08899	0.0889733	0.719476	-1.3899
cg01429558	LEPRE1;LEPRE1	0.0979876	0.905397	0.935275	-1.0692	0.185215	0.453503	-2.20506	0.0149234	0.185485	-5.39128	0.374972	0.598998	-1.66945	0.0474515	0.279093	-3.58303
cg25997500	PLA2R1;PLA2R1	0.0979878	0.0686582	10.8004	10.8004	0.0472563	14.1637	14.1637	0.0685504	10.8127	10.8127	0.162781	5.69609	5.69609	0.508526	2.18834	2.18834
cg25820515	CLDN2;RIPPLY1	0.0979908	0.210607	0.584164	-1.71185	0.0549799	0.411972	-2.42735	0.0549438	0.411903	-2.42775	0.0873053	0.46334	-2.15824	0.0114953	0.27572	-3.62687
cg05100917	CEP164	0.097991	0.967104	0.990896	-1.00919	0.201362	0.741387	-1.34882	0.575943	0.882217	-1.13351	0.0496764	0.60862	-1.64306	0.0238382	0.549881	-1.81858
cg05806620	ZNF250;ZNF250	0.0979911	0.670542	1.3314	1.3314	0.788117	1.19744	1.19744	0.434367	0.586519	-1.70497	0.00724955	0.098549	-10.1472	0.0207449	0.155302	-6.43907
cg11382241	ITPR1;ITPR1;ITPR1	0.0979922	0.322214	1.54891	1.54891	0.0944033	0.455341	-2.19616	0.0783336	0.433104	-2.30892	0.174139	1.85632	1.85632	0.0206322	0.303374	-3.29626
cg17476389	TTC15	0.0979985	0.0236489	0.627893	-1.59263	0.829241	1.03791	1.03791	0.193672	1.26732	1.26732	0.0746723	0.710335	-1.40779	0.0671124	0.702239	-1.42402
cg03922571	MRPS26	0.0979992	0.29404	1.23919	1.23919	0.288191	0.804711	-1.24268	0.914567	1.02137	1.02137	0.273985	1.25145	1.25145	0.0837394	1.45809	1.45809
cg03547631	MEGF6	0.0979994	0.0387719	0.292477	-3.41907	0.4439	1.49331	1.49331	0.71539	0.828509	-1.20699	0.215941	0.512214	-1.95231	0.0290463	0.266652	-3.7502
cg13341031	LOC145783	0.0979995	0.955637	0.981578	-1.01877	0.0155657	0.371005	-2.69538	0.0501317	0.474023	-2.1096	0.407768	0.753501	-1.32714	0.182753	0.623399	-1.60411
cg02607544	IFFO1;IFFO1;IFFO1	0.0980023	0.0121323	0.243117	-4.11325	0.593292	0.783618	-1.27613	0.0528596	0.369601	-2.70562	0.747365	1.15741	1.15741	0.221339	0.559076	-1.78866
cg04682775	SLC6A9	0.0980024	0.29852	0.580092	-1.72386	0.00804218	5.56152	5.56152	0.120794	2.34027	2.34027	0.995621	1.00278	1.00278	0.126913	0.434175	-2.30322
cg13979863	AIP	0.0980025	0.957727	0.969956	-1.03097	0.5034	0.676522	-1.47815	0.0887744	0.339484	-2.94565	0.00807079	0.141906	-7.04692	0.819076	0.876475	-1.14093
cg04485799	IL17REL	0.0980027	0.0498369	9.51543	9.51543	0.205423	3.83956	3.83956	0.0443598	10.234	10.234	0.448884	2.17534	2.17534	0.999819	0.999772	-1.00023
cg13176197	MID1;MID1;MID1	0.098004	0.545074	0.829053	-1.2062	0.193479	0.656276	-1.52375	0.355671	0.747654	-1.33752	0.117435	0.594225	-1.68286	0.0141009	0.395584	-2.52791
cg19280968	PPP1R2	0.0980046	0.0101112	0.586995	-1.70359	0.793172	0.957777	-1.04408	0.765371	1.05036	1.05036	0.45632	1.13264	1.13264	0.352758	0.854718	-1.16998
cg05654765	LAMB2	0.0980065	0.0715651	1.72558	1.72558	0.864951	0.954894	-1.04724	0.0453261	1.86367	1.86367	0.46374	1.22411	1.22411	0.350053	1.29799	1.29799
cg23984976	C14orf38	0.0980087	0.199216	0.68517	-1.45949	0.162831	0.660177	-1.51474	0.822282	1.06471	1.06471	0.374521	0.775644	-1.28925	0.101912	0.607118	-1.64713
cg12858075	E2F6;E2F6;E2F6;E2F6;E2F6	0.0980097	0.331429	0.872597	-1.146	0.372775	1.13252	1.13252	0.00642566	1.61947	1.61947	0.0636402	1.32788	1.32788	0.544363	1.08703	1.08703
cg04256965	MAGEL2;MAGEL2	0.0980111	0.751488	1.11458	1.11458	0.782515	1.09909	1.09909	0.143897	0.585005	-1.70939	0.101791	1.84337	1.84337	0.0587397	0.482385	-2.07303
cg03207054	CADPS;CADPS;CADPS	0.0980144	0.162029	0.733852	-1.36267	0.668815	0.91467	-1.09329	0.283656	1.25969	1.25969	0.0724113	1.51515	1.51515	0.650432	1.09917	1.09917
cg09016243	GLUD2	0.0980176	0.151026	7.40163	7.40163	0.425607	2.88155	2.88155	0.789519	0.706085	-1.41626	0.991614	0.986423	-1.01376	0.886617	0.830616	-1.20393
cg03830408	DCPS;DCPS	0.0980193	0.40618	1.22997	1.22997	0.00598372	2.39924	2.39924	0.0949408	1.56361	1.56361	0.59132	1.14114	1.14114	0.10363	0.64821	-1.54271
cg23131007	LOC145783;TCF12;TCF12;TCF12;TCF12	0.0980196	0.834332	0.920948	-1.08584	0.435534	1.36727	1.36727	0.289892	0.649255	-1.54023	0.787547	0.899232	-1.11206	0.518661	0.773152	-1.29341
cg25268451	GNASAS;GNAS	0.0980226	0.16965	1.14401	1.14401	0.0416537	0.80575	-1.24108	0.722785	1.0333	1.0333	0.12143	1.16699	1.16699	0.0420019	1.24049	1.24049
cg25185947	C3orf66	0.0980231	0.0572979	0.512511	-1.95118	0.136223	0.607113	-1.64714	0.182478	0.644174	-1.55238	0.268498	0.698905	-1.43081	0.00402308	0.300857	-3.32384
cg07629094	ZNF432	0.0980238	0.146547	0.750286	-1.33283	0.958781	0.990517	-1.00957	0.84429	1.03692	1.03692	0.157572	1.3213	1.3213	0.924041	1.01774	1.01774
cg07227102	MUC2	0.0980241	0.102836	1.63196	1.63196	0.0213446	0.468056	-2.1365	0.0919511	0.601017	-1.66385	0.22461	0.704643	-1.41916	0.549786	0.846985	-1.18066
cg24631428	PTP4A1	0.0980244	0.59166	0.793062	-1.26094	0.0029605	0.174359	-5.7353	0.56152	0.777752	-1.28576	0.316532	1.55793	1.55793	0.117762	0.4832	-2.06954
cg18259253	ZSWIM6	0.0980248	0.0315393	0.155744	-6.42078	0.553238	1.55631	1.55631	0.128893	0.298147	-3.35405	0.249175	0.411385	-2.43081	0.813044	1.19091	1.19091
cg01621422	COLEC11;COLEC11	0.0980269	0.08587	0.725106	-1.37911	0.0471866	1.469	1.469	0.402078	1.1563	1.1563	0.29984	0.833646	-1.19955	0.0418481	0.672196	-1.48766
cg06360604	CAPZB	0.0980286	0.105966	0.51866	-1.92805	0.197289	0.602443	-1.65991	0.104785	0.517294	-1.93314	0.0465161	0.428405	-2.33424	0.15293	0.566025	-1.76671
cg21703750	CCDC38	0.0980288	0.369007	0.601242	-1.66322	0.352946	0.590346	-1.69392	0.383578	0.610992	-1.63668	0.397906	0.620466	-1.61169	0.0138877	0.187107	-5.34453
cg14843920	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.0980291	0.0310539	0.227335	-4.3988	0.0324171	0.230927	-4.33037	0.211171	0.46258	-2.16179	0.299714	0.533148	-1.87565	0.0616824	0.291807	-3.42692
cg08153610	FAM101B	0.0980311	0.14446	0.669483	-1.49369	0.744275	0.919633	-1.08739	0.0939232	0.624101	-1.6023	0.25056	0.735422	-1.35976	0.963382	0.988318	-1.01182
cg02512540	TCERG1L	0.0980317	0.673648	1.09503	1.09503	0.586153	1.12504	1.12504	0.0246608	0.563594	-1.77433	0.976401	1.00636	1.00636	0.856645	0.961985	-1.03952
cg02673418	CYP24A1;CYP24A1	0.098033	0.345053	0.698706	-1.43122	0.0772551	0.484732	-2.063	0.0861071	0.497018	-2.012	0.210916	0.615115	-1.62571	0.0972039	0.511178	-1.95627
cg26554952	LOH12CR1;LOH12CR1;LOH12CR2	0.0980344	0.25336	0.50711	-1.97196	0.00401309	0.110745	-9.02977	0.802339	0.866954	-1.15346	0.83517	1.12592	1.12592	0.722822	1.22473	1.22473
cg18953861	PPP2R5E	0.0980381	0.950498	1.02147	1.02147	0.28428	0.683399	-1.46327	0.00317335	0.25176	-3.97203	0.213395	0.638635	-1.56584	0.196669	0.626771	-1.59548
cg14119680	ABL1;ABL1	0.09804	0.254511	1.36739	1.36739	0.00699768	2.50241	2.50241	0.66806	1.12014	1.12014	0.213422	0.708526	-1.41138	0.299041	1.3272	1.3272
cg26966124	SIM1	0.0980417	0.898503	1.06691	1.06691	0.765049	1.1643	1.1643	0.414791	1.52665	1.52665	0.0230147	3.97456	3.97456	0.678181	0.80914	-1.23588
cg20750319	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.0980418	0.324868	1.26815	1.26815	0.190588	0.723345	-1.38247	0.149719	0.697053	-1.43461	0.522574	0.859482	-1.16349	0.43344	0.829625	-1.20536
cg05228802	CAPN2;CAPN2	0.0980448	0.676894	0.942677	-1.06081	0.0312284	1.42771	1.42771	0.216044	1.20129	1.20129	0.71278	0.949249	-1.05346	0.318553	1.15629	1.15629
cg27220312	UNC93B1	0.0980453	0.415408	0.743059	-1.34579	0.753441	1.11898	1.11898	0.666568	0.856719	-1.16724	0.336281	1.42434	1.42434	0.0616102	0.471849	-2.11932
cg26206686	WDR33	0.0980467	0.180271	1.29597	1.29597	0.302257	0.823066	-1.21497	0.0131146	0.570908	-1.7516	0.0982059	0.718584	-1.39162	0.568159	1.11083	1.11083
cg13610026	PSMB7	0.0980483	0.0175666	0.325906	-3.06837	0.148336	0.547943	-1.82501	0.68891	0.855439	-1.16899	0.568749	0.799726	-1.25043	0.0359281	0.38795	-2.57765
cg19473994	C7orf50;C7orf50;C7orf50	0.0980502	0.0801797	1.69674	1.69674	0.384175	1.27512	1.27512	0.859545	1.04943	1.04943	0.0786973	1.70214	1.70214	0.296927	0.744867	-1.34252
cg03822934	LIMCH1;LIMCH1;LIMCH1	0.0980504	0.0521604	0.55568	-1.7996	0.392253	1.26257	1.26257	0.0109822	0.427896	-2.33702	0.225446	0.712736	-1.40304	0.719778	0.908618	-1.10057
cg03739573	ADAMTS18	0.0980528	0.023345	4.93883	4.93883	0.0362707	4.1989	4.1989	0.170328	2.3647	2.3647	0.251933	2.02461	2.02461	0.053991	3.6298	3.6298
cg14133339	CNOT3	0.0980539	0.561162	1.05991	1.05991	0.140611	1.16994	1.16994	0.144966	0.856414	-1.16766	0.091349	0.831843	-1.20215	0.567567	1.05888	1.05888
cg06322988	PRR23A	0.0980548	0.953173	1.02766	1.02766	0.027714	3.35056	3.35056	0.69392	0.832124	-1.20174	0.250952	1.74603	1.74603	0.169247	0.506393	-1.97475
cg23481735	TSSC1	0.0980567	0.0966792	0.533275	-1.8752	0.48616	0.783516	-1.2763	0.0903437	0.525493	-1.90298	0.992192	1.00338	1.00338	0.00912975	0.319254	-3.1323
cg22906451	BTBD2	0.0980594	0.0390547	2.39089	2.39089	0.0394408	0.419189	-2.38556	0.76358	1.11638	1.11638	0.560087	0.806512	-1.23991	0.653417	0.84794	-1.17933
cg21663536	ZNF783	0.0980612	0.986561	1.00448	1.00448	0.884716	0.962193	-1.03929	0.886386	1.03871	1.03871	0.00167166	0.302999	-3.30034	0.392737	0.792484	-1.26186
cg05992977	CIZ1;CIZ1;CIZ1;CIZ1;CIZ1	0.098062	0.607482	0.924971	-1.08112	0.500688	1.10837	1.10837	0.316222	1.1688	1.1688	0.436481	1.12693	1.12693	0.106615	1.30371	1.30371
cg27339143	PSRC1;PSRC1;PSRC1;PSRC1	0.098063	0.0851286	0.601704	-1.66195	0.52397	1.18808	1.18808	0.275329	1.35372	1.35372	0.0755791	1.69529	1.69529	0.0804865	1.67759	1.67759
cg16137862	BCL2L1;BCL2L1	0.0980636	0.347458	0.793724	-1.25988	0.143532	1.4555	1.4555	0.0955508	1.54846	1.54846	0.410272	1.22273	1.22273	0.339085	0.790327	-1.2653
cg07358302	AMACR;AMACR;AMACR	0.0980636	0.295241	0.844808	-1.1837	0.198377	0.80962	-1.23515	0.0385429	0.689099	-1.45117	0.369925	0.866703	-1.1538	0.363891	1.15601	1.15601
cg06775570	SHISA4;SHISA4	0.0980657	0.434179	1.22458	1.22458	0.213877	1.39412	1.39412	0.015139	2.13327	2.13327	0.241991	1.36466	1.36466	0.78219	0.932058	-1.07289
cg03529184	DEFB124;REM1	0.0980661	0.0285367	0.388121	-2.57652	0.311973	0.681744	-1.46683	0.0576331	0.455525	-2.19527	0.0228001	0.368625	-2.71278	0.228913	0.629728	-1.58799
cg02710860	MAPKBP1;MAPKBP1	0.0980672	0.0372032	0.389551	-2.56706	0.0491509	2.39966	2.39966	0.953189	0.977378	-1.02315	0.926016	1.03686	1.03686	0.050225	0.418913	-2.38713
cg24143287	C10orf90;C10orf90	0.0980698	0.135309	0.701031	-1.42647	0.259456	0.77138	-1.29638	0.00483911	0.438429	-2.28087	0.285887	1.27705	1.27705	0.126461	0.694352	-1.44019
cg09628822	RORA;RORA;RORA;RORA	0.0980715	0.0328045	0.246835	-4.0513	0.090441	0.351602	-2.84412	0.590418	0.737543	-1.35585	0.100683	0.365166	-2.73848	0.400886	0.617699	-1.61891
cg08963616	MTMR7	0.0980719	0.0238578	0.622572	-1.60624	0.0647088	0.694423	-1.44004	0.734644	0.941956	-1.06162	0.0761406	0.706912	-1.4146	0.0419559	0.662335	-1.50981
cg11148999	EIF6;EIF6;EIF6	0.0980722	0.468415	1.12055	1.12055	0.256908	1.20029	1.20029	0.378151	0.869785	-1.14971	0.157377	1.26274	1.26274	0.108906	1.30963	1.30963
cg08458252	C13orf18	0.098073	0.238698	1.74775	1.74775	0.0424432	2.87854	2.87854	0.27316	1.6753	1.6753	0.387274	0.669679	-1.49325	0.213457	0.55281	-1.80894
cg01403607	C1orf110	0.0980745	0.28671	1.24614	1.24614	0.603895	0.901129	-1.10972	0.572279	0.892703	-1.12019	0.702506	1.07932	1.07932	0.013375	1.83933	1.83933
cg19411729	CCL5	0.0980763	0.326299	1.27145	1.27145	0.217715	0.735442	-1.35973	0.178987	0.712978	-1.40257	0.288172	0.770046	-1.29862	0.282837	1.3027	1.3027
cg13964092	LHX2	0.0980773	0.213245	1.17124	1.17124	0.181439	1.18658	1.18658	0.0232581	1.38689	1.38689	0.298258	1.13885	1.13885	0.336663	0.887402	-1.12688
cg03060439	C1orf183;C1orf183	0.0980779	0.818914	1.03712	1.03712	0.227312	0.816338	-1.22498	0.704465	1.06248	1.06248	0.491775	1.11765	1.11765	0.0393287	1.4736	1.4736

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14752336	0.345695	0.826662	-1.20968	0.284093	0.804027	-1.24374	0.183804	0.758515	-1.31837	0.0984908	1.42642	1.42642	2.58467	1.5728	0.540899	1
cg22614400	0.0974006	0.583514	-1.71376	0.608653	1.16525	1.16525	0.158331	1.56302	1.56302	0.548099	0.835279	-1.19721	2.58465	3.59026	1.23473	1
cg13130201	0.0117574	0.260761	-3.83493	0.460995	1.37792	1.37792	0.477432	1.36143	1.36143	0.614576	1.24219	1.24219	2.58464	7.4683	2.56843	1
cg24748769	0.193533	0.204855	-4.88151	0.056228	0.0827732	-12.0812	0.094171	0.119958	-8.33628	0.0330388	0.0565597	-17.6804	2.58464	54.3616	18.6956	1
cg20568423	0.14885	2.64359	2.64359	0.337212	0.537267	-1.86127	0.0450716	4.23702	4.23702	0.351092	1.82687	1.82687	2.58462	16.139	5.55042	1
cg19655950	0.849241	0.961175	-1.04039	0.241338	1.29074	1.29074	0.37537	1.20843	1.20843	0.341319	1.22635	1.22635	2.58462	1.77252	0.609595	1
cg18061904	0.32888	0.403394	-2.47896	0.645702	0.658993	-1.51747	0.00375242	33.9483	33.9483	0.234917	3.0697	3.0697	2.58461	33.2227	11.4258	1
cg05486193	0.671253	1.08041	1.08041	0.470107	0.875366	-1.14238	0.257563	0.807323	-1.23866	0.653407	1.08532	1.08532	2.5846	1.34329	0.461981	1
cg21606664	0.267664	0.835963	-1.19622	0.128096	1.29078	1.29078	0.624515	0.926311	-1.07955	0.724975	1.05634	1.05634	2.58453	0.98555	0.338957	1
cg12592779	0.656785	1.09046	1.09046	0.364962	0.83505	-1.19753	0.906341	1.02305	1.02305	0.901223	1.02434	1.02434	2.58451	1.53495	0.527914	1
cg01400040	0.316229	0.59892	-1.66967	0.0197011	0.248186	-4.02923	0.382711	1.55716	1.55716	0.259075	0.558496	-1.79052	2.58451	10.0184	3.44563	1
cg13495574	0.87518	0.972551	-1.02822	0.0263314	0.627243	-1.59428	0.256587	1.23325	1.23325	0.105121	1.36824	1.36824	2.58448	1.28314	0.441316	1
cg17114402	0.649076	0.941872	-1.06172	0.410221	0.895758	-1.11637	0.157945	0.82091	-1.21816	0.144634	1.2273	1.2273	2.58445	0.699414	0.240555	1
cg19416879	0.931332	1.02492	1.02492	0.0173169	0.436933	-2.28868	0.129272	0.626126	-1.59712	0.614037	1.15634	1.15634	2.58444	3.33969	1.14865	1
cg27068095	0.75898	1.12461	1.12461	0.334261	0.683857	-1.46229	0.0235646	2.80614	2.80614	0.711351	1.15238	1.15238	2.58441	5.95993	2.04987	1
cg14629509	0.0485712	0.710081	-1.40829	0.0585526	0.722718	-1.38367	0.0935437	1.32349	1.32349	0.134369	1.27802	1.27802	2.5844	0.945177	0.325087	1
cg24385450	0.712716	1.09524	1.09524	0.0281967	1.89173	1.89173	0.542225	1.16388	1.16388	0.571158	0.868673	-1.15118	2.5844	2.47681	0.851886	1
cg17025232	0.0993566	3.13644	3.13644	0.114822	0.337864	-2.95977	0.0438882	4.32997	4.32997	0.615306	0.725697	-1.37799	2.58439	16.3899	5.63722	1
cg18430128	0.501954	0.897233	-1.11454	0.0109681	0.60173	-1.66187	0.0296689	0.665422	-1.50281	0.956694	0.991396	-1.00868	2.58437	1.03649	0.356499	1
cg00409917	0.0823119	21.7882	21.7882	0.0163079	110.151	110.151	0.0887356	20.2054	20.2054	0.0574746	31.18	31.18	2.58437	104.912	36.0842	1
cg09275862	0.117866	0.55902	-1.78884	0.00292952	0.246685	-4.05375	0.11486	0.55588	-1.79895	0.6537	1.16725	1.16725	2.58436	4.80069	1.65119	1
cg08579858	0.519635	1.72118	1.72118	0.179209	3.27711	3.27711	0.0190448	10.6035	10.6035	0.21566	2.95673	2.95673	2.58435	28.326	9.74275	1
cg01850449	0.0950584	1.4209	1.4209	0.0142898	0.560674	-1.78357	0.331076	0.825256	-1.21174	0.645121	1.09288	1.09288	2.58432	1.50121	0.516347	1
cg23648015	0.124959	0.738309	-1.35445	0.799382	1.04762	1.04762	0.247376	0.801769	-1.24724	0.773773	0.948715	-1.05406	2.5843	1.3658	0.469777	1
cg16259583	0.0282453	0.20849	-4.79639	0.245116	0.479099	-2.08725	0.53974	0.686773	-1.45608	0.425793	1.63595	1.63595	2.58429	14.9935	5.15714	1
cg23269655	0.990429	0.998635	-1.00137	0.58963	0.93987	-1.06398	0.215174	0.861929	-1.16019	0.284589	1.13495	1.13495	2.58425	0.530838	0.182589	1
cg19847244	0.139454	0.629801	-1.5878	0.00544238	0.345375	-2.89541	0.548536	1.19302	1.19302	0.897332	0.963166	-1.03824	2.58425	3.45913	1.18982	1
cg03371662	0.0397707	0.541237	-1.84762	0.525393	1.18079	1.18079	0.706685	1.10255	1.10255	0.470564	0.827323	-1.20872	2.58424	2.72948	0.938849	1
cg18705155	0.0824822	1.55699	1.55699	0.378545	1.23118	1.23118	0.161478	1.41086	1.41086	0.453869	0.838929	-1.192	2.58423	2.16882	0.746001	1
cg21818749	?	?	?	0.48891	0.883793	-1.13149	?	?	?	0.0211706	1.64923	1.64923	2.81239	1.04209	0.370536	1
cg17631390	0.578197	0.667791	-1.49747	0.047222	5.11541	5.11541	0.00979696	10.4599	10.4599	0.1125	3.46276	3.46276	2.58421	21.1512	7.27535	1
cg24407596	0.541129	0.700067	-1.42843	0.0285324	0.225494	-4.43472	0.0177101	5.27262	5.27262	0.646709	0.766441	-1.30473	2.58418	13.5972	4.67708	1
cg11207983	0.640079	0.894812	-1.11755	0.0107069	0.469068	-2.13189	0.648963	1.11422	1.11422	0.122339	1.48462	1.48462	2.58415	2.27951	0.784099	1
cg03766851	0.0464521	0.279136	-3.58249	0.0156018	0.190344	-5.25365	0.15087	0.422602	-2.36629	0.057211	0.300089	-3.33235	2.58415	12.8112	4.40679	1
cg12861945	0.0261716	0.0444757	-22.4842	0.106163	0.128203	-7.80014	0.0452408	0.0675078	-14.8131	0.377249	0.351874	-2.84193	2.77818	50.4838	15.9001	1
cg17776688	0.191568	0.548183	-1.82421	0.0629648	0.40272	-2.48311	0.0843295	0.435943	-2.29388	0.654107	0.821934	-1.21664	2.58413	7.73711	2.66141	1
cg14696254	0.331509	0.817337	-1.22348	0.824952	1.04561	1.04561	0.0530848	1.55656	1.55656	0.864407	1.03501	1.03501	2.58413	1.65876	0.57058	1
cg06425606	0.123003	0.669339	-1.49401	0.196451	1.38841	1.38841	0.35193	0.794408	-1.2588	0.166557	1.4253	1.4253	2.58412	2.36256	0.812676	1
cg12109455	0.427309	0.908669	-1.10051	0.125969	0.822297	-1.21611	0.62888	1.05924	1.05924	0.719526	1.04353	1.04353	2.58411	0.571502	0.196586	1
cg27543222	0.875152	0.965586	-1.03564	0.0398971	0.589178	-1.69728	0.780529	1.06419	1.06419	0.10163	1.49056	1.49056	2.58409	2.0302	0.69836	1
cg18180783	0.758521	1.07157	1.07157	0.0199827	1.8765	1.8765	0.302019	1.27084	1.27084	0.51	1.16161	1.16161	2.58407	2.05635	0.707358	1
cg09298466	0.120522	1.21536	1.21536	0.283824	0.879002	-1.13765	0.0106156	0.689234	-1.45089	0.284786	1.13734	1.13734	2.58406	0.549044	0.188865	1
cg03565674	0.265694	1.53229	1.53229	0.360754	1.41298	1.41298	0.838159	1.07815	1.07815	0.794609	0.908469	-1.10075	2.58405	5.54077	1.90597	1
cg15179595	0.0922804	0.294335	-3.39749	0.00980574	0.115897	-8.62832	0.652599	0.741491	-1.34863	0.176847	0.387692	-2.57937	2.58405	17.8298	6.1333	1
cg19512021	0.842618	0.957542	-1.04434	0.0258689	0.561371	-1.78135	0.483786	1.16802	1.16802	0.640686	0.902494	-1.10804	2.58404	1.94942	0.670585	1
cg00498211	0.8728	0.908773	-1.10038	0.0287147	0.21429	-4.66657	0.236604	2.09669	2.09669	0.0933903	0.33228	-3.00951	2.58399	14.5874	5.01805	1
cg03892812	0.440664	0.856748	-1.1672	0.0774898	0.679866	-1.47088	0.295777	0.808016	-1.2376	0.0304231	0.606398	-1.64908	2.58399	1.58217	0.544266	1
cg22932677	0.0607902	1.83566	1.83566	0.00597109	2.8091	2.8091	0.137225	1.58409	1.58409	0.46976	1.23533	1.23533	2.58398	3.37959	1.16258	1
cg00081602	0.627045	0.844433	-1.18423	0.272803	1.48312	1.48312	0.251895	0.661439	-1.51186	0.0173041	0.367457	-2.7214	2.58398	4.88032	1.67883	1
cg26925688	0.465391	0.834181	-1.19878	0.297342	0.76823	-1.30169	0.170912	0.700596	-1.42736	0.0264347	0.526083	-1.90084	2.58395	2.4373	0.838442	1
cg06329316	0.912692	0.971644	-1.02918	0.0773231	1.67373	1.67373	0.0497191	1.79881	1.79881	0.306038	0.757329	-1.32043	2.58394	2.81515	0.968426	1
cg16480660	0.123291	0.70939	-1.40966	0.0266699	0.582657	-1.71628	0.385896	0.832919	-1.2006	0.962037	0.990259	-1.00984	2.58393	1.73105	0.595492	1
cg13146839	0.0615483	3.72463	3.72463	0.0872035	0.307532	-3.25169	0.172037	2.47863	2.47863	0.50454	1.5263	1.5263	2.58392	15.9552	5.48869	1
cg10185099	0.256884	1.42939	1.42939	0.243712	0.691952	-1.44519	0.0228999	2.27452	2.27452	0.262661	1.42273	1.42273	2.58389	3.72986	1.28312	1
cg01295022	0.00303463	0.699036	-1.43054	0.838299	0.982149	-1.01818	0.643727	0.959777	-1.04191	0.35823	1.08685	1.08685	2.58388	0.317993	0.109394	1
cg23809103	0.46367	0.525212	-1.90399	0.0116929	0.0658815	-15.1788	0.831399	0.831878	-1.2021	0.12857	0.242169	-4.12934	2.58388	30.5014	10.4929	1
cg10037494	0.0985851	0.650114	-1.53819	0.438428	1.2067	1.2067	0.534788	0.86119	-1.16118	0.696822	1.09755	1.09755	2.58386	2.31276	0.795624	1
cg09412528	0.207099	1.3238	1.3238	0.109257	0.691983	-1.44512	0.912037	1.02357	1.02357	0.621681	1.11057	1.11057	2.58386	1.81912	0.625805	1
cg24191821	0.182274	0.240258	-4.16219	0.0436684	0.0966904	-10.3423	0.140191	0.202161	-4.94656	0.129748	0.192272	-5.20096	2.58383	41.5279	14.2865	1
cg22744131	0.149584	0.332285	-3.00946	0.0222525	0.141719	-7.05623	0.199778	0.380621	-2.62729	0.0451055	0.194091	-5.15222	2.58382	20.809	7.15875	1
cg21946374	0.102439	1.7218	1.7218	0.0213665	2.31842	2.31842	0.515614	1.22193	1.22193	0.296747	0.719692	-1.38948	2.58379	3.783	1.30145	1
cg22275872	0.00434458	0.242932	-4.11638	0.248796	1.56453	1.56453	0.737768	1.13288	1.13288	0.167588	0.579185	-1.72657	2.58378	5.64111	1.94069	1
cg05390563	0.454796	0.844349	-1.18434	0.546866	1.1451	1.1451	0.878783	1.0345	1.0345	0.0283365	1.77753	1.77753	2.58377	2.02092	0.695251	1
cg20992361	0.692755	0.932675	-1.07219	0.152291	1.30882	1.30882	0.778716	1.05068	1.05068	0.783252	1.04959	1.04959	2.58376	1.26049	0.433647	1
cg01429558	0.897556	1.07519	1.07519	0.0197851	0.20518	-4.87376	0.850093	1.11237	1.11237	0.145288	0.414702	-2.41137	2.58374	12.9621	4.45937	1
cg25997500	0.29609	3.54329	3.54329	0.0320318	18.7843	18.7843	0.0216437	25.0233	25.0233	0.0616898	11.674	11.674	2.58374	55.7914	19.194	1
cg25820515	0.989802	0.994805	-1.00522	0.6125	0.812086	-1.2314	0.107694	0.489003	-2.04498	0.0707109	0.439108	-2.27734	2.58371	6.79563	2.33794	1
cg05100917	0.887169	1.03199	1.03199	0.240452	1.31331	1.31331	0.06305	1.58997	1.58997	0.959851	0.988898	-1.01123	2.5837	2.0125	0.692374	1
cg05806620	0.283516	0.47459	-2.10708	0.737931	1.25185	1.25185	0.906646	1.08163	1.08163	0.733084	1.2573	1.2573	2.5837	18.3086	6.29882	1
cg11382241	0.828728	1.09713	1.09713	0.302929	1.57868	1.57868	0.791146	1.12026	1.12026	0.333077	0.652324	-1.53298	2.58369	7.49151	2.57736	1
cg17476389	0.964593	1.00768	1.00768	0.160681	1.29449	1.29449	0.787235	1.0477	1.0477	0.551732	1.10929	1.10929	2.58362	1.2141	0.417708	1
cg03922571	0.970484	0.992736	-1.00732	0.0079977	0.511829	-1.95378	0.582607	0.8964	-1.11557	0.518713	1.13759	1.13759	2.58361	1.58875	0.546609	1
cg03547631	0.382266	1.5846	1.5846	0.547109	0.731238	-1.36754	0.0254452	0.255542	-3.91325	0.217896	0.513822	-1.9462	2.58361	10.7992	3.71544	1
cg13341031	0.242783	0.664605	-1.50465	0.717612	1.12907	1.12907	0.0778919	1.92483	1.92483	0.969669	0.987372	-1.01279	2.58361	4.57125	1.57274	1
cg02607544	0.62096	1.2529	1.2529	0.562968	1.30281	1.30281	0.124736	2.12069	2.12069	0.309592	0.621511	-1.60898	2.58358	8.37139	2.88021	1
cg04682775	0.256898	1.81846	1.81846	0.7526	1.17328	1.17328	0.417908	1.51942	1.51942	0.644471	0.790709	-1.26469	2.58358	10.4499	3.59534	1
cg13979863	0.16291	2.35644	2.35644	0.426718	1.59525	1.59525	0.848504	1.11634	1.11634	0.236409	2.04205	2.04205	2.58358	13.5509	4.66223	1
cg04485799	0.291783	3.00895	3.00895	0.0228479	15.5286	15.5286	0.0563359	8.81321	8.81321	0.0306972	12.8894	12.8894	2.58357	41.4988	14.2778	1
cg13176197	0.650487	0.869692	-1.14983	0.43087	0.781849	-1.27902	0.17414	0.642413	-1.55663	0.00702983	0.344163	-2.9056	2.58356	3.83362	1.31898	1
cg19280968	0.564334	1.10039	1.10039	0.0279813	0.652953	-1.5315	0.156826	0.779883	-1.28224	0.185753	0.794256	-1.25904	2.58355	1.10287	0.379449	1
cg05654765	0.369055	0.77869	-1.28421	0.524908	0.839711	-1.19089	0.136444	0.647241	-1.54502	0.0301161	1.99675	1.99675	2.58353	3.00822	1.03501	1
cg23984976	0.0117282	0.415786	-2.40508	0.0993478	1.65453	1.65453	0.576857	1.17014	1.17014	0.417738	0.793885	-1.25963	2.5835	3.17883	1.09372	1
cg12858075	0.437889	0.897971	-1.11362	0.774352	0.961662	-1.03987	0.715546	0.951445	-1.05103	0.216351	1.19355	1.19355	2.58349	0.756786	0.260383	1
cg04256965	0.122367	1.77124	1.77124	0.0358714	0.43447	-2.30166	0.320612	0.704398	-1.41965	0.896374	0.956481	-1.0455	2.58348	4.77057	1.64139	1
cg03207054	0.921076	1.02075	1.02075	0.0320595	0.594213	-1.6829	0.488246	1.15713	1.15713	0.0458265	1.60716	1.60716	2.58344	1.75769	0.604772	1
cg09016243	0.0742083	0.0751781	-13.3017	0.535316	2.26284	2.26284	0.0195606	39.2557	39.2557	0.0338599	25.091	25.091	2.5834	69.2328	23.8214	1
cg03830408	0.986587	1.0041	1.0041	0.586336	0.874731	-1.14321	0.702387	1.09803	1.09803	0.494088	1.1843	1.1843	2.58338	2.42766	0.835308	1
cg23131007	0.04225	2.50922	2.50922	0.286753	0.647286	-1.54491	0.0308103	2.71079	2.71079	0.0442287	2.48133	2.48133	2.58338	6.32603	2.17666	1
cg25268451	0.516463	0.941294	-1.06237	0.17097	1.14347	1.14347	0.298655	1.10415	1.10415	0.349958	0.915321	-1.09251	2.58335	0.346048	0.11907	1
cg25185947	0.862287	0.947462	-1.05545	0.346593	0.739876	-1.35158	0.812172	1.0768	1.0768	0.998286	1.00067	1.00067	2.58334	3.95306	1.36019	1
cg07629094	0.131598	0.740754	-1.34998	0.0211421	0.599828	-1.66714	0.0598026	1.47929	1.47929	0.658347	1.08551	1.08551	2.58333	1.39068	0.478514	1
cg07227102	0.664398	0.887102	-1.12727	0.0823491	1.69574	1.69574	0.676839	0.891342	-1.1219	0.913694	1.0302	1.0302	2.58333	3.08145	1.06029	1
cg24631428	0.969585	1.01646	1.01646	0.242754	0.592498	-1.68777	0.541422	0.767449	-1.30302	0.712015	0.853204	-1.17205	2.58333	7.50054	2.58084	1
cg18259253	0.598317	1.48001	1.48001	0.0165482	0.11545	-8.66177	0.675704	1.36378	1.36378	0.0844576	0.244762	-4.0856	2.58332	22.2507	7.65617	1
cg01621422	0.862664	1.02975	1.02975	0.0938731	1.3661	1.3661	0.817157	1.04	1.04	0.861	1.03012	1.03012	2.5833	1.17327	0.40371	1
cg06360604	0.324847	0.68522	-1.45939	0.0784743	0.483496	-2.06827	0.139179	1.80722	1.80722	0.0485622	0.432683	-2.31116	2.58328	5.6559	1.94616	1
cg21703750	0.104955	0.376442	-2.65645	0.127845	0.403426	-2.47877	0.0274279	0.237273	-4.21455	0.0205322	0.214623	-4.65934	2.58328	12.4401	4.28056	1
cg14843920	0.0763959	0.315483	-3.16974	0.0390563	0.247143	-4.04624	0.546043	1.42982	1.42982	0.309298	0.540236	-1.85104	2.58327	14.0121	4.82146	1
cg08153610	0.384267	1.25652	1.25652	0.00862331	2.35677	2.35677	0.76679	1.0791	1.0791	0.695997	1.10573	1.10573	2.58325	2.68046	0.92234	1
cg02512540	0.285035	1.26871	1.26871	0.0104115	0.50088	-1.99649	0.629342	0.901013	-1.10986	0.380316	1.21273	1.21273	2.58325	1.87937	0.646688	1
cg02673418	0.68619	0.860932	-1.16153	0.913545	1.04085	1.04085	0.0205127	2.79842	2.79842	0.779458	0.901683	-1.10904	2.58323	5.56031	1.9133	1
cg26554952	0.196886	0.459969	-2.17406	0.92886	1.05214	1.05214	0.812982	0.873801	-1.14443	0.151135	2.40043	2.40043	2.58321	13.2557	4.56133	1
cg18953861	0.388749	0.739117	-1.35297	0.337933	1.40225	1.40225	0.253765	0.665058	-1.50363	0.522071	0.800873	-1.24864	2.58317	4.79176	1.64888	1
cg14119680	0.496893	0.834097	-1.1989	0.0963592	1.61632	1.61632	0.369192	1.27449	1.27449	0.153834	1.49413	1.49413	2.58315	2.8296	0.973694	1
cg26966124	0.753803	1.17314	1.17314	0.0563545	2.99417	2.99417	0.00757521	5.71668	5.71668	0.584911	1.32306	1.32306	2.58313	10.5384	3.6264	1
cg20750319	0.008025	0.452156	-2.21162	0.115199	0.670179	-1.49214	0.633156	0.893721	-1.11892	0.0391692	0.572524	-1.74665	2.58313	2.23383	0.76869	1
cg05228802	0.745978	1.04685	1.04685	0.0194991	0.671851	-1.48842	0.292463	0.857398	-1.16632	0.346674	0.872399	-1.14626	2.5831	0.81179	0.279351	1
cg27220312	0.248244	0.650107	-1.53821	0.0182391	0.359745	-2.77975	0.0594895	2.13585	2.13585	0.72785	0.88282	-1.13273	2.58309	5.20691	1.79179	1
cg26206686	0.306291	0.824493	-1.21287	0.14031	1.33516	1.33516	0.626378	1.09351	1.09351	0.723512	0.937331	-1.06686	2.58307	1.35812	0.467358	1
cg13610026	0.816395	1.09444	1.09444	0.548946	0.790333	-1.26529	0.0190925	0.332654	-3.00613	0.104538	0.502364	-1.99059	2.58306	6.15876	2.11937	1
cg19473994	0.0238118	2.0849	2.0849	0.0412754	1.89878	1.89878	0.0747449	1.71713	1.71713	0.238567	1.39965	1.39965	2.58304	3.03503	1.04443	1
cg03822934	0.316341	0.759141	-1.31728	0.125897	1.55353	1.55353	0.783645	0.929401	-1.07596	0.452255	0.815701	-1.22594	2.58303	2.89481	0.996178	1
cg03739573	0.0458678	3.85298	3.85298	0.279147	1.94091	1.94091	0.03183	4.40511	4.40511	0.553926	1.42315	1.42315	2.58301	14.2101	4.89011	1
cg14133339	?	?	?	0.0524548	1.24405	1.24405	0.545914	0.941277	-1.06239	0.0944823	0.833592	-1.19963	2.61167	0.360504	0.138036	1
cg06322988	0.420037	1.46637	1.46637	0.0193605	3.72081	3.72081	0.143812	2.07449	2.07449	0.163495	1.99565	1.99565	2.58298	8.83156	3.03923	1
cg23481735	0.425786	0.755495	-1.32364	0.683608	0.868259	-1.15173	0.947843	1.02281	1.02281	0.0184612	0.373314	-2.67871	2.58296	4.86235	1.67331	1
cg22906451	0.117533	1.85963	1.85963	0.526396	1.26398	1.26398	0.175656	1.69134	1.69134	0.150017	0.569404	-1.75622	2.58293	5.44818	1.87494	1
cg21663536	0.819424	0.941066	-1.06262	0.654262	1.12721	1.12721	0.884253	0.962043	-1.03945	0.702762	0.903167	-1.10722	2.58291	2.88672	0.993442	1
cg05992977	0.0824081	0.748555	-1.33591	0.0120791	0.62433	-1.60172	0.48174	1.11364	1.11364	0.693238	0.942066	-1.0615	2.5829	0.926935	0.318999	1
cg27339143	0.12312	0.64035	-1.56165	0.288564	0.745272	-1.34179	0.759495	0.921324	-1.08539	0.118114	1.57272	1.57272	2.58289	2.91314	1.00254	1
cg16137862	0.467041	0.838001	-1.19332	0.0306686	0.545346	-1.8337	0.638593	0.893178	-1.1196	0.0725821	1.61348	1.61348	2.58288	2.33285	0.802842	1
cg07358302	0.23894	0.825621	-1.21121	0.0229795	1.52588	1.52588	0.249877	0.829585	-1.20542	0.891123	0.978946	-1.02151	2.58288	0.987456	0.339829	1
cg06775570	0.497974	0.839736	-1.19085	0.806899	0.939721	-1.06415	0.629053	0.883754	-1.13154	0.0135991	2.17083	2.17083	2.58286	2.63663	0.907394	1
cg03529184	0.224887	0.626948	-1.59503	0.0237727	0.372188	-2.68682	0.942137	1.02694	1.02694	0.188788	0.600522	-1.66522	2.58286	5.48761	1.88856	1
cg02710860	0.242006	0.620449	-1.61173	0.158673	0.555843	-1.79907	0.896249	0.950419	-1.05217	0.136323	0.534941	-1.86937	2.58284	6.2148	2.13883	1
cg24143287	0.482382	0.854244	-1.17063	0.123102	0.69172	-1.44567	0.505817	0.8616	-1.16063	0.675996	0.911429	-1.09718	2.58281	1.99154	0.685398	1
cg09628822	0.0584306	0.301788	-3.31359	0.0194545	0.205421	-4.86805	0.0376249	0.258924	-3.86214	0.147805	0.418953	-2.3869	2.58279	12.8407	4.41923	1
cg08963616	0.160743	0.768488	-1.30126	0.0428992	0.663945	-1.50615	0.914048	0.981202	-1.01916	0.0727564	0.703394	-1.42168	2.58279	1.26367	0.434903	1
cg11148999	0.805734	1.03875	1.03875	0.00858033	0.596156	-1.67741	0.607309	0.923137	-1.08326	0.979621	0.996067	-1.00395	2.58279	0.973701	0.335108	1
cg08458252	0.646819	1.23211	1.23211	0.945474	1.03143	1.03143	0.0112958	4.20196	4.20196	0.561713	0.766846	-1.30404	2.58278	8.37367	2.88188	1
cg01403607	0.0491739	1.56303	1.56303	0.466409	0.862928	-1.15884	0.529028	0.880866	-1.13525	0.128583	0.72129	-1.3864	2.58276	1.61836	0.55698	1
cg19411729	0.018971	1.96045	1.96045	0.0783908	0.62919	-1.58935	0.677111	1.10432	1.10432	0.513693	0.854748	-1.16994	2.58274	2.29698	0.79054	1
cg13964092	0.555048	0.930539	-1.07465	0.034014	0.742008	-1.34769	0.670525	0.949704	-1.05296	0.870437	1.01988	1.01988	2.58273	0.594821	0.204718	1
cg03060439	0.0137708	0.606129	-1.64981	0.431489	0.879865	-1.13654	0.287466	1.19307	1.19307	0.531499	1.10619	1.10619	2.74907	1.0764	0.304539	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12397924	PEG10;PEG10	0.0980781	0.099938	1.38294	1.38294	0.314235	0.8293	-1.20584	0.0745272	0.699556	-1.42948	0.676329	1.07843	1.07843	0.357563	1.1855	1.1855	0.372185	1.17913	1.17913	0.0212372	1.64555	1.64555	0.173233	0.77057	-1.29774	0.765377	1.0553	1.0553	2.58272	1.32301	0.455338	1
cg18380975	C6orf1;C6orf1;C6orf1	0.0980793	0.262309	0.869995	-1.14943	0.993518	0.999033	-1.00097	0.0173182	1.41253	1.41253	0.902979	0.985574	-1.01464	0.511822	0.923782	-1.08251	0.133702	1.21256	1.21256	0.0664391	0.782496	-1.27796	0.128016	1.21659	1.21659	0.800631	0.970299	-1.03061	2.58271	0.580748	0.199876	1
cg19443786	NOS2	0.0980794	0.579873	1.41026	1.41026	0.0461556	0.245447	-4.0742	0.289751	1.96514	1.96514	0.129714	2.73574	2.73574	0.30576	1.9193	1.9193	0.0807707	0.304046	-3.28897	0.0598635	3.68907	3.68907	0.404593	1.68927	1.68927	0.315017	1.89413	1.89413	2.58271	15.4613	5.32133	1
cg04263391	INPP5A	0.098081	0.0187797	0.574778	-1.7398	0.500088	1.14241	1.14241	0.129006	0.72683	-1.37584	0.132183	1.37167	1.37167	0.0660412	0.669597	-1.49343	0.192982	0.76494	-1.30729	0.114159	0.715882	-1.39688	0.695075	0.926242	-1.07963	0.61356	0.905704	-1.10411	2.58269	1.54737	0.53256	1
cg00636427	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.0980833	0.248949	0.519342	-1.92551	0.0486851	3.4014	3.4014	0.47148	0.671501	-1.4892	0.0335711	0.259291	-3.85667	0.469083	0.670004	-1.49253	0.939972	0.95988	-1.0418	0.747128	0.83871	-1.19231	0.533201	0.709541	-1.40936	0.0198486	0.216762	-4.61335	2.58266	12.0912	4.16151	1
cg13807985	IRAK3;IRAK3	0.0980846	0.10347	8.87147	8.87147	0.128074	7.51195	7.51195	0.945752	0.919974	-1.08699	0.651443	0.57267	-1.74621	0.277524	0.25051	-3.99186	0.247531	0.22719	-4.40161	0.645414	0.566696	-1.76462	0.0179248	33.9943	33.9943	0.0836428	10.4529	10.4529	2.58265	61.4572	21.1522	1
cg01659631	NT5DC3	0.0980853	0.19921	0.740354	-1.3507	0.765696	0.935913	-1.06848	0.584602	0.884843	-1.13014	0.132511	0.697854	-1.43296	0.00365241	0.418411	-2.39	0.174472	0.726058	-1.3773	0.0936551	0.664587	-1.50469	0.710057	1.08629	1.08629	0.221651	0.752247	-1.32935	2.58264	2.00898	0.69145	1
cg20668812	UTRN	0.0980873	0.0579755	0.4114	-2.43072	0.344534	0.667975	-1.49706	0.421016	0.711287	-1.4059	0.512673	0.759443	-1.31675	0.00556687	0.221089	-4.52307	0.763721	1.13308	1.13308	0.0711239	0.433671	-2.3059	0.910022	1.04797	1.04797	0.110742	0.486658	-2.05483	2.58262	7.02524	2.41796	1
cg21475781	CFHR5	0.0980884	0.855506	1.05586	1.05586	0.687205	1.12828	1.12828	0.420349	0.782324	-1.27824	0.00785548	0.361649	-2.76511	0.816603	0.933074	-1.07173	0.509223	1.22098	1.22098	0.241091	1.44185	1.44185	0.119284	1.65548	1.65548	0.151426	1.58145	1.58145	2.5826	3.63683	1.25174	1
cg14541870	SETD1B	0.098089	0.0219016	1.32112	1.32112	0.25945	1.12652	1.12652	0.144624	1.17195	1.17195	0.21457	0.87607	-1.14146	0.235135	1.13429	1.13429	0.579011	1.0584	1.0584	0.0373029	1.27732	1.27732	0.0398285	1.27206	1.27206	0.420861	1.08684	1.08684	2.5826	0.419433	0.144362	1
cg21183165	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.098092	0.0664796	0.314692	-3.17771	0.109981	0.375793	-2.66104	0.803893	0.869558	-1.15001	0.955728	1.03168	1.03168	0.031795	0.243229	-4.11135	0.126394	0.394972	-2.53182	0.0145422	0.184334	-5.42493	0.168129	0.438165	-2.28225	0.0759012	0.329646	-3.03355	2.58256	12.9088	4.44307	1
cg06071824	FILIP1	0.0980932	0.623148	1.15921	1.15921	0.577537	0.845485	-1.18275	0.151562	0.632332	-1.58145	0.177464	0.652109	-1.53349	0.201439	0.668701	-1.49544	0.203178	1.49287	1.49287	0.00665419	0.349785	-2.8589	0.979127	0.992226	-1.00783	0.15625	0.636079	-1.57213	2.58255	3.63953	1.25269	1
cg18060685	IFRD2	0.0980935	0.168809	0.620883	-1.61061	0.656983	1.15637	1.15637	0.182577	1.58378	1.58378	0.0569851	2.01408	2.01408	0.248669	1.47993	1.47993	0.0588941	0.499821	-2.00072	0.161623	0.61516	-1.62559	0.177661	1.5931	1.5931	0.417153	1.30937	1.30937	2.58255	4.32222	1.48767	1
cg08377569	ZNF768	0.098094	0.850962	0.958334	-1.04348	0.341604	0.801141	-1.24822	0.431164	0.833775	-1.19936	0.746587	0.929265	-1.07612	0.199012	0.735597	-1.35944	0.521957	0.863426	-1.15818	0.0414979	1.70216	1.70216	0.0111426	2.05423	2.05423	0.825252	0.951197	-1.05131	2.58254	2.09393	0.720715	1
cg23193365	EPHA5;EPHA5	0.0980975	0.657685	0.889416	-1.12433	0.258977	1.36272	1.36272	0.0823546	1.65813	1.65813	0.437437	0.812078	-1.23141	0.930499	0.977337	-1.02319	0.0359651	1.89863	1.89863	0.0213692	2.06834	2.06834	0.541315	1.17644	1.17644	0.0471875	1.81628	1.81628	2.5825	2.82447	0.972174	1
cg15162330	LIMCH1;LIMCH1;LIMCH1	0.0980997	0.290309	1.90087	1.90087	0.00866494	7.08808	7.08808	0.0750571	3.19065	3.19065	0.236887	2.06536	2.06536	0.16177	2.39753	2.39753	0.0828152	3.07785	3.07785	0.0719485	3.24033	3.24033	0.0596109	3.47021	3.47021	0.0877365	3.01335	3.01335	2.58248	14.0105	4.82242	1
cg21766141	SOX5	0.0981002	0.208027	1.50847	1.50847	0.0390172	0.477171	-2.09568	0.0161518	0.401959	-2.48782	0.335907	0.735435	-1.35974	0.307433	1.38707	1.38707	0.899568	1.03988	1.03988	0.237161	1.46746	1.46746	0.631457	0.860992	-1.16145	0.79228	1.08517	1.08517	2.58247	3.92265	1.35018	1
cg23583777	ZXDA	0.0981027	0.130844	0.32721	-3.05614	0.277248	0.46335	-2.1582	0.543789	0.659299	-1.51676	0.270038	2.18588	2.18588	0.811159	0.850425	-1.17588	0.100408	0.290748	-3.43941	0.477167	0.612415	-1.63288	0.0111003	9.34354	9.34354	0.814868	1.17206	1.17206	2.74875	19.5148	5.52185	1
cg09911521	NRTN	0.0981041	0.191017	0.775399	-1.28966	0.584208	0.903447	-1.10687	0.709871	1.07107	1.07107	0.486715	0.878233	-1.13865	0.825299	1.04145	1.04145	0.647863	0.918982	-1.08816	0.871402	0.970673	-1.03021	0.00351422	2.06946	2.06946	0.302361	1.2169	1.2169	2.58243	1.38066	0.475232	1
cg27099159	SON;SON;GART;GART;GART;GART	0.0981072	0.214779	1.26804	1.26804	0.0966754	0.717759	-1.39322	0.0118867	0.564984	-1.76996	0.175265	1.29969	1.29969	0.43569	1.15559	1.15559	0.379718	1.17805	1.17805	0.403109	1.16834	1.16834	0.481178	0.877919	-1.13906	0.981981	1.00412	1.00412	2.58239	1.35242	0.465517	1
cg05375878	TMEM125	0.0981074	0.0392075	0.413598	-2.41781	0.536248	0.793154	-1.26079	0.0204742	0.355846	-2.8102	0.985738	0.993408	-1.00664	0.0325863	0.39635	-2.52302	0.909303	1.04307	1.04307	0.203363	1.64345	1.64345	0.353003	0.70215	-1.4242	0.291264	0.666844	-1.4996	2.58239	5.59924	1.92732	1
cg23041020	TOLLIP	0.0981074	0.089728	0.380917	-2.62524	0.760288	0.853938	-1.17105	0.308929	0.580807	-1.72174	0.193958	0.492075	-2.03221	0.063971	0.341558	-2.92776	0.0476448	0.310772	-3.2178	0.00678023	0.163573	-6.11347	0.96957	1.01988	1.01988	0.202337	0.499305	-2.00278	2.58239	10.8887	3.74801	1
cg07485401	KIAA1486	0.098108	0.117258	0.65982	-1.51556	0.0421792	0.564393	-1.77181	0.0187464	0.498548	-2.00582	0.149118	0.685187	-1.45946	0.0349294	0.548449	-1.82332	0.0595495	0.594722	-1.68146	0.96527	0.989416	-1.0107	0.554222	0.863983	-1.15743	0.89412	1.03308	1.03308	2.58238	2.44245	0.840722	1
cg15495594	KTELC1;KTELC1	0.0981085	0.629924	1.11046	1.11046	0.103481	0.68092	-1.4686	0.192551	0.742561	-1.34669	0.186512	1.35286	1.35286	0.487779	1.16432	1.16432	0.0192205	1.84282	1.84282	0.380059	1.2145	1.2145	0.218871	0.756479	-1.32191	0.256405	0.774403	-1.29132	2.58238	1.90494	0.655706	1
cg23054189	TRIM58	0.0981127	0.0790773	29.1256	29.1256	0.969596	0.936217	-1.06813	0.196837	10.5864	10.5864	0.441857	0.257666	-3.88099	0.518116	0.322073	-3.10488	0.385372	4.65954	4.65954	0.593356	0.393749	-2.53969	0.0147391	179.514	179.514	0.0341577	71.8427	71.8427	2.58233	122.299	42.0978	1
cg24073352	CCDC151	0.0981128	0.0348173	0.232342	-4.304	0.179925	0.42956	-2.32796	0.0620346	0.287477	-3.47854	0.098051	0.340706	-2.93508	0.0576306	0.279774	-3.57431	0.0867838	0.325538	-3.07184	0.0197509	0.188178	-5.31411	0.0699117	0.300455	-3.32828	0.388109	0.591657	-1.69017	2.58233	14.3974	4.95589	1
cg07135614	FOXL2;FOXL2	0.0981133	0.659473	0.769631	-1.29932	0.0529653	0.272898	-3.66437	0.252942	2.02401	2.02401	0.422262	0.616284	-1.62263	0.0255483	0.208727	-4.79096	0.117738	0.366724	-2.72684	0.777505	0.845961	-1.18209	0.0819108	3.12146	3.12146	0.427615	0.619867	-1.61325	2.58232	14.2603	4.90869	1
cg10717907	EIF5A2	0.0981142	0.385773	0.870926	-1.1482	0.478276	0.894	-1.11857	0.0623448	1.38553	1.38553	0.431197	1.133	1.133	0.0565392	0.714961	-1.39868	0.0899575	0.747897	-1.33708	0.036552	0.685475	-1.45884	0.889483	0.978622	-1.02185	0.225481	0.820492	-1.21878	2.58231	0.98801	0.340095	1
cg06404572	ASAP1	0.0981155	0.254555	0.492045	-2.03234	0.00834939	0.134084	-7.45803	0.040981	0.245118	-4.07967	0.631343	0.749611	-1.33403	0.155652	0.404285	-2.4735	0.326473	0.546668	-1.82926	0.0339434	0.228578	-4.37487	0.713802	1.24556	1.24556	0.539442	0.690482	-1.44826	2.5823	14.5337	5.00283	1
cg09926178	ACTA1	0.0981165	0.0811149	4.18952	4.18952	0.322341	2.13259	2.13259	0.431892	1.81162	1.81162	0.211435	2.65186	2.65186	0.266243	2.35879	2.35879	0.557815	0.644621	-1.5513	0.00803216	12.3776	12.3776	0.0258387	7.10143	7.10143	0.237126	2.50308	2.50308	2.58229	22.444	7.72579	1
cg13981026	COL15A1	0.098118	0.652141	0.818291	-1.22206	0.351753	0.654751	-1.5273	0.10507	0.457177	-2.18734	0.348915	0.653019	-1.53135	0.00838332	0.225743	-4.42981	0.0432092	0.3578	-2.79486	0.360024	1.51569	1.51569	0.0902754	0.438252	-2.28179	0.315049	0.631847	-1.58266	2.58227	7.98708	2.74937	1
cg25219939	VDR;VDR	0.0981188	0.112337	0.352596	-2.83611	0.114494	0.355175	-2.81552	0.0468216	0.253505	-3.94469	0.372933	1.73599	1.73599	0.0335132	0.223638	-4.47152	0.110191	0.350001	-2.85713	0.0326557	0.22147	-4.51528	0.210076	0.450909	-2.21774	0.237108	0.473832	-2.11045	2.58226	14.8714	5.11917	1
cg12072028	RIN3	0.0981196	0.0648648	4.42006	4.42006	0.908508	0.920899	-1.0859	0.136206	3.16094	3.16094	0.542132	0.642546	-1.55631	0.0157808	0.120014	-8.33237	0.570524	0.663029	-1.50823	0.216677	0.393839	-2.53911	0.224853	2.4938	2.4938	0.897631	0.911865	-1.09665	2.58225	21.013	7.23331	1
cg25236277	CDGAP	0.0981206	0.856194	0.932513	-1.07237	0.0564245	2.29786	2.29786	0.0735691	2.15625	2.15625	0.532998	1.27535	1.27535	0.0175855	0.328663	-3.04263	0.36441	1.43188	1.43188	0.296206	0.658888	-1.51771	0.601976	1.22469	1.22469	0.76832	0.892456	-1.1205	2.58224	6.0675	2.08862	1
cg04800768	FOXK2	0.0981227	0.256845	1.90853	1.90853	0.0148711	5.13514	5.13514	0.0071103	6.67936	6.67936	0.851784	1.10755	1.10755	0.618045	1.31593	1.31593	0.784896	0.861205	-1.16116	0.440051	1.53734	1.53734	0.622474	1.31131	1.31131	0.598926	0.748373	-1.33623	2.58222	12.1984	4.19912	1
cg20800086	ISL1	0.0981243	0.737385	0.901183	-1.10965	0.18534	1.5438	1.5438	0.084001	1.806	1.806	0.302569	0.718795	-1.39122	0.195755	1.52654	1.52654	0.201388	1.51761	1.51761	0.0180066	0.41127	-2.43149	0.697569	1.12833	1.12833	0.280978	1.41404	1.41404	2.5822	3.90911	1.34566	1
cg22976120	PTPRJ;PTPRJ	0.098125	0.0118056	0.279635	-3.57609	0.0968315	0.477753	-2.09313	0.0968214	0.477741	-2.09319	0.159523	0.543788	-1.83895	0.0184051	0.313784	-3.1869	0.479303	0.747173	-1.33838	0.858764	0.930358	-1.07486	0.898046	1.05332	1.05332	0.183836	0.56473	-1.77076	2.58219	6.71687	2.31221	1
cg00995986	MEIS1	0.0981257	0.138358	0.176147	-5.67706	0.944852	0.927474	-1.0782	0.871593	0.838573	-1.1925	0.342182	0.344679	-2.90125	0.0298432	0.0619214	-16.1495	0.231902	0.255489	-3.91406	0.0106359	0.030326	-32.975	0.030388	0.0626872	-15.9522	0.247166	0.267953	-3.732	2.58218	48.4415	16.6755	1
cg09293699	CENPN;CENPN;CENPN;C16orf61	0.0981278	?	?	?	0.678756	0.796135	-1.25607	0.0887629	2.83674	2.83674	0.188635	2.15683	2.15683	?	?	?	0.0257924	0.225807	-4.42855	0.531202	1.41567	1.41567	0.118899	2.55388	2.55388	0.520986	1.42841	1.42841	2.80992	10.1367	3.60748	1
cg17727529	C1orf61	0.0981283	0.0446474	0.243198	-4.11187	0.00871917	0.128779	-7.76526	0.103809	0.335917	-2.97693	0.366515	0.566111	-1.76644	0.148647	0.386713	-2.5859	0.612841	0.731285	-1.36746	0.0634056	0.277969	-3.59753	0.70027	1.26773	1.26773	0.157182	0.395416	-2.52898	2.58215	15.3823	5.29524	1
cg14787964	EPHB2;EPHB2	0.0981283	0.73505	0.840712	-1.18947	0.0161216	0.222259	-4.49925	0.0327618	0.279171	-3.58203	0.69482	1.22312	1.22312	0.159465	2.15538	2.15538	0.855381	0.911018	-1.09767	0.396019	1.55892	1.55892	0.976029	1.01547	1.01547	0.225591	1.91566	1.91566	2.58215	10.6707	3.67333	1
cg12099423	SLC17A9	0.0981345	0.0589567	0.314079	-3.18392	0.516174	0.699438	-1.42972	0.174132	0.456082	-2.19259	0.15836	0.440934	-2.26791	0.0215765	0.223475	-4.47478	0.157728	0.440311	-2.27112	0.118117	0.397964	-2.51279	0.0107746	0.175591	-5.69506	0.163863	0.446309	-2.2406	2.58208	12.0587	4.15124	1
cg17968946	KIAA1549;KIAA1549	0.098136	0.856257	1.02983	1.02983	0.226223	1.22874	1.22874	0.460231	1.12962	1.12962	0.449053	1.13321	1.13321	0.0103169	0.592204	-1.68861	0.0560181	1.42032	1.42032	0.249412	1.21549	1.21549	0.343918	1.17122	1.17122	0.43453	1.13799	1.13799	2.58206	1.07466	0.369959	1
cg19669439	BTRC;BTRC	0.0981379	0.286144	0.838162	-1.19309	0.358096	1.16256	1.16256	0.00364566	0.5343	-1.87161	0.268569	0.832222	-1.2016	0.951458	0.990344	-1.00975	0.160698	0.787562	-1.26974	0.865874	0.973417	-1.02731	0.871043	1.02623	1.02623	0.158093	0.786224	-1.2719	2.58204	1.03877	0.357604	1
cg06500883	ADAMTSL1	0.0981386	0.73627	0.950866	-1.05167	0.77413	0.958021	-1.04382	0.986485	0.997479	-1.00253	0.22881	1.20712	1.20712	0.485112	0.899667	-1.11152	0.92707	0.986448	-1.01374	0.0025131	1.86911	1.86911	0.530446	0.909632	-1.09935	0.872166	1.02429	1.02429	2.58204	0.908425	0.312733	1
cg09522854	TRPM2	0.0981391	0.789421	0.922195	-1.08437	0.276418	0.709935	-1.40858	0.259975	0.700775	-1.42699	0.445967	0.790499	-1.26502	0.534067	0.826491	-1.20993	0.13408	0.613292	-1.63054	0.0147341	0.403203	-2.48014	0.0165764	0.412485	-2.42433	0.027173	0.453297	-2.20606	2.58203	3.74461	1.28912	1
cg20841664	WDR82	0.09814	0.154116	1.22028	1.22028	0.0209438	1.43696	1.43696	0.269686	1.16182	1.16182	0.758779	1.04101	1.04101	0.284492	1.15613	1.15613	0.0280065	1.40315	1.40315	0.44497	0.903385	-1.10695	0.13374	1.23496	1.23496	0.034918	1.37818	1.37818	2.58202	0.696305	0.239711	1
cg12354594	DDX42;CCDC47;CCDC47;DDX42	0.0981403	0.428521	0.900529	-1.11046	0.121455	0.804411	-1.24315	0.934254	1.01075	1.01075	0.315262	0.874062	-1.14408	0.243494	0.853688	-1.17139	0.142495	0.815176	-1.22673	0.00304719	0.590881	-1.69239	0.993647	0.998969	-1.00103	0.716877	1.04834	1.04834	2.58202	0.687129	0.236552	1
cg02800607	HPSE2;HPSE2;HPSE2;HPSE2	0.0981409	0.815918	0.81698	-1.22402	0.0615573	0.161147	-6.20551	0.122395	4.26804	4.26804	0.955176	0.952443	-1.04993	0.138566	0.251035	-3.98351	0.29784	0.39239	-2.54848	0.188972	0.299291	-3.34123	0.0327104	8.72389	8.72389	0.31508	0.406375	-2.46078	2.58201	30.727	10.5781	1
cg03756485	GNPTAB	0.098143	0.0183195	0.354845	-2.81813	0.284059	0.668483	-1.49592	0.119151	0.542238	-1.84421	0.961064	0.982488	-1.01782	0.304129	0.680346	-1.46984	0.555863	1.2406	1.2406	0.0125989	0.325404	-3.0731	0.19276	0.607223	-1.64684	0.122973	0.546206	-1.83081	2.58199	5.35566	1.84377	1
cg00629395	GPR116;GPR116	0.0981445	0.176442	0.593753	-1.6842	0.731334	1.13318	1.13318	0.205008	0.615645	-1.62431	0.854341	0.935511	-1.06893	0.0445958	0.433217	-2.30831	0.511438	0.785389	-1.27325	0.00593501	0.271103	-3.68863	0.280062	0.665431	-1.50278	0.069324	0.478517	-2.08979	2.58197	5.38077	1.85243	1
cg17818308	ST6GAL2;ST6GAL2;ST6GAL2	0.0981448	0.048962	0.831102	-1.20322	0.997569	0.999749	-1.00025	0.934874	0.993297	-1.00675	0.0876411	0.856285	-1.16783	0.0504863	1.20134	1.20134	0.946262	0.994468	-1.00556	0.140731	0.877749	-1.13928	0.750743	0.974115	-1.02657	0.083218	1.17096	1.17096	2.58197	0.276932	0.0953389	1
cg14389425	DYNC1H1	0.0981453	0.125076	0.682602	-1.46498	0.0470106	1.68683	1.68683	0.84937	0.957213	-1.0447	0.22731	1.33844	1.33844	0.341008	0.797983	-1.25316	0.0597744	0.613524	-1.62993	0.319145	1.26717	1.26717	0.556933	1.14641	1.14641	0.0961773	0.656932	-1.52223	2.58196	2.16305	0.744671	1
cg09989631	WIPF1	0.0981454	0.176242	1.60047	1.60047	0.0494698	2.0818	2.0818	0.981487	1.00762	1.00762	0.0791936	1.89164	1.89164	0.274245	1.4508	1.4508	0.0414852	2.15758	2.15758	0.0502974	2.07479	2.07479	0.0152686	2.64946	2.64946	0.216903	1.52955	1.52955	2.58196	4.37499	1.50617	1
cg05211947	ATP8A1;ATP8A1	0.0981515	0.372154	0.73445	-1.36156	0.0627357	0.493928	-2.02459	0.0108332	0.340314	-2.93846	0.850602	1.06557	1.06557	0.872006	0.947138	-1.05581	0.211409	0.641803	-1.55811	0.43096	0.7628	-1.31096	0.296075	0.694232	-1.44044	0.0143281	0.361643	-2.76516	2.58189	4.63951	1.59728	1
cg02339418	C12orf65;C12orf65	0.0981517	0.676168	1.07604	1.07604	0.0167336	0.600782	-1.6645	0.152188	0.765209	-1.30683	0.483829	1.13218	1.13218	0.155478	1.30366	1.30366	0.706503	0.936131	-1.06823	0.0598162	0.690374	-1.44849	0.144577	0.760783	-1.31444	0.613102	1.09304	1.09304	2.58189	1.2447	0.428523	1
cg02161415	NAP1L4	0.0981528	0.767116	0.932065	-1.07289	0.912516	0.974301	-1.02638	0.0185386	1.96682	1.96682	0.202696	0.727174	-1.37519	0.992965	1.00209	1.00209	0.594043	0.880347	-1.13592	0.0166172	0.500134	-1.99947	0.468743	1.1908	1.1908	0.488845	0.846565	-1.18124	2.58188	2.29472	0.790026	1
cg21598868	ACE2	0.098153	0.257207	1.80941	1.80941	0.509937	0.715193	-1.39822	0.279827	0.56926	-1.75667	0.0857098	0.385774	-2.59219	0.0052335	0.157668	-6.34243	0.58525	1.31833	1.31833	0.685495	1.22652	1.22652	0.683963	1.22782	1.22782	0.551677	0.739335	-1.35257	2.58187	10.284	3.54058	1
cg15894581	FBXL22	0.0981546	0.083177	0.402557	-2.48412	0.0534015	0.353143	-2.83172	0.414379	0.673138	-1.48558	0.476819	0.709526	-1.40939	0.08026	0.398312	-2.51059	0.551945	0.751655	-1.3304	0.00849164	0.203182	-4.9217	0.0657697	0.375517	-2.66299	0.0820058	0.400865	-2.49461	2.58186	9.20193	3.16807	1
cg05605149	RBM26	0.0981648	0.897032	1.02135	1.02135	0.0251603	0.647655	-1.54403	0.00654014	0.561949	-1.77952	0.380858	1.15793	1.15793	0.712411	0.941389	-1.06226	0.647203	0.927587	-1.07807	0.89591	1.02158	1.02158	0.248646	0.821418	-1.21741	0.833993	1.03483	1.03483	2.58174	1.08813	0.374642	1
cg04628413	NFATC2IP	0.098165	0.979386	0.990945	-1.00914	0.693196	0.869711	-1.14981	0.542342	1.2425	1.2425	0.887603	1.05105	1.05105	0.385342	0.731017	-1.36796	0.965321	1.01542	1.01542	0.0218001	0.379395	-2.63578	0.00589365	0.281273	-3.55527	0.743701	1.12244	1.12244	2.58174	5.06767	1.74479	1
cg23343066	FER1L6	0.0981657	0.0621729	0.243428	-4.108	0.433428	0.583969	-1.71242	0.0541847	0.229823	-4.35118	0.187142	0.3903	-2.56213	0.0293902	0.177911	-5.62077	0.406015	0.564369	-1.77189	0.0146488	0.132338	-7.5564	0.0693786	0.254871	-3.92355	0.132427	0.335343	-2.98202	2.58173	18.5157	6.37494	1
cg07136635	ITGA1;PELO	0.0981662	0.0637453	0.489133	-2.04444	0.299637	1.44604	1.44604	0.220208	0.642563	-1.55627	0.143724	0.583321	-1.71432	0.161788	0.598924	-1.66966	0.88914	1.04902	1.04902	0.0243858	0.39835	-2.51036	0.0635664	0.488839	-2.04566	0.0645965	0.49052	-2.03865	2.58172	4.81399	1.65746	1
cg03277455	TRPS1	0.0981681	0.0778405	0.511624	-1.95456	0.457687	1.29517	1.29517	0.914277	0.963845	-1.03751	0.222649	0.64515	-1.55003	0.133398	0.574837	-1.73962	0.0686607	2.0076	2.0076	0.0269408	0.40819	-2.44984	0.400909	0.745243	-1.34184	0.185915	0.619007	-1.61549	2.5817	4.78218	1.64652	1
cg03754180	SMAD9;SMAD9	0.0981685	0.693285	1.04172	1.04172	0.440762	1.08443	1.08443	0.214239	1.14433	1.14433	0.167115	1.16398	1.16398	0.0332396	0.773677	-1.29253	0.364437	1.10085	1.10085	0.0768406	0.816385	-1.22491	0.0973754	1.20629	1.20629	0.256061	1.13002	1.13002	2.5817	0.434632	0.149646	1
cg15738084	GALNS	0.09817	0.140356	0.261678	-3.82149	0.565661	0.612141	-1.63361	0.156246	0.277512	-3.60345	0.709597	1.37185	1.37185	0.0129698	0.0738195	-13.5466	0.436341	0.511121	-1.95648	0.912505	1.09735	1.09735	0.0103617	0.0652812	-15.3183	0.456154	0.526529	-1.89923	2.58168	29.2071	10.0562	1
cg05628394	C4orf48;C4orf48	0.0981727	0.140192	0.746841	-1.33897	0.108173	1.38041	1.38041	0.514034	1.12944	1.12944	0.903154	0.977859	-1.02264	0.0325479	1.58438	1.58438	0.0764225	0.695896	-1.437	0.276424	0.812018	-1.2315	0.206548	1.27768	1.27768	0.418025	1.16442	1.16442	2.58165	1.38332	0.476292	1
cg00506343	HOXC4;HOXC5;HOXC6;HOXC6	0.0981739	0.166837	0.751738	-1.33025	0.0198596	0.580182	-1.7236	0.0730336	1.47273	1.47273	0.39984	0.84631	-1.1816	0.0477514	0.645146	-1.55004	0.825514	1.04368	1.04368	0.583062	1.11331	1.11331	0.506784	0.877736	-1.13929	0.299292	0.811978	-1.23156	2.58164	1.53277	0.52775	1
cg13863617	FOXJ2	0.0981756	0.610888	0.794287	-1.25899	0.00607793	4.99198	4.99198	0.0979707	2.25862	2.25862	0.743444	1.15883	1.15883	0.733138	1.16603	1.16603	0.807121	0.896026	-1.11604	0.102074	0.447923	-2.23253	0.429617	1.43603	1.43603	0.821559	0.903579	-1.10671	2.58162	8.23674	2.83603	1
cg03319184	FHIT;FHIT	0.0981759	0.0441651	0.300224	-3.33085	0.129288	0.426151	-2.34658	0.15511	0.453039	-2.20731	0.639489	0.782302	-1.27828	0.0056794	0.151369	-6.60636	0.594025	0.755806	-1.32309	0.191038	0.486527	-2.05539	0.413898	0.647479	-1.54445	0.0561837	0.324508	-3.08159	2.58161	11.0729	3.81257	1
cg12177113	AFAP1L2;AFAP1L2	0.098176	0.0145364	0.311541	-3.20985	0.625072	0.826298	-1.21022	0.935388	0.969078	-1.03191	0.679121	0.851164	-1.17486	0.0745105	0.463128	-2.15923	0.117882	0.517967	-1.93063	0.0108385	0.289501	-3.45421	0.875023	0.940844	-1.06287	0.268844	0.640091	-1.56228	2.58161	6.13658	2.11292	1
cg00155063	TNFRSF1B	0.0981822	0.936564	0.934472	-1.07012	0.815066	0.819148	-1.22078	0.824235	1.20852	1.20852	0.145685	0.264459	-3.7813	0.126633	0.244913	-4.08309	0.265114	0.37201	-2.6881	0.00322282	0.0326419	-30.6354	0.112463	0.229634	-4.35475	0.486813	0.54795	-1.82498	2.58154	29.6397	10.2057	1
cg02402436	LTA;LTA;LTA	0.0981823	0.232805	0.510506	-1.95884	0.30445	0.564666	-1.77096	0.181904	0.466989	-2.14138	0.253594	0.526913	-1.89785	0.00297468	0.111873	-8.93872	0.478716	0.679084	-1.47257	0.769988	1.17065	1.17065	0.453091	1.50793	1.50793	0.889517	0.928028	-1.07755	2.58154	11.8073	4.06556	1
cg15125684	NLRP14;ZNF214;NLRP14	0.0981833	0.953475	1.01758	1.01758	0.0654979	1.85392	1.85392	0.0352632	2.07964	2.07964	0.652358	1.14501	1.14501	0.877611	1.04709	1.04709	0.119301	0.603641	-1.65661	0.184595	0.656911	-1.52228	0.0752	0.553446	-1.80686	0.536517	1.2055	1.2055	2.58153	3.64563	1.25529	1
cg09678367	LDLRAP1	0.0981837	0.78266	1.10435	1.10435	0.260379	1.52404	1.52404	0.0409578	2.33192	2.33192	0.680689	1.16012	1.16012	0.913301	0.961663	-1.03987	0.78955	0.908451	-1.10077	0.750652	1.12124	1.12124	0.00326979	4.2164	4.2164	0.407973	1.35499	1.35499	2.58153	5.2673	1.81367	1
cg16797656	LRP5	0.0981838	0.124315	0.573834	-1.74267	0.0786923	0.521131	-1.9189	0.76443	0.904562	-1.10551	0.122469	0.572005	-1.74823	0.518968	0.803956	-1.24385	0.00491124	0.288273	-3.46894	0.503347	1.25442	1.25442	0.577173	0.828633	-1.20681	0.162011	0.607549	-1.64596	2.58153	4.55429	1.56816	1
cg23388490	CDH24;CDH24	0.0981865	0.451511	0.767971	-1.30213	0.0154201	2.78162	2.78162	0.719205	0.883158	-1.1323	0.183568	1.62512	1.62512	0.0618474	0.48493	-2.06216	0.418994	0.752617	-1.3287	0.557136	1.22673	1.22673	0.110421	1.81976	1.81976	0.980642	0.991685	-1.00839	2.58149	4.84267	1.66748	1
cg00086670	AS3MT	0.0981875	0.246163	0.724515	-1.38023	0.363412	1.28169	1.28169	0.0126924	2.27733	2.27733	0.569234	1.16515	1.16515	0.387308	0.790219	-1.26547	0.335485	1.30199	1.30199	0.0623465	0.572679	-1.74618	0.289869	0.746858	-1.33894	0.996671	1.00111	1.00111	2.58148	2.88636	0.993868	1
cg09528496	ATCAY	0.0981888	0.0713435	0.721866	-1.3853	0.0263645	0.653002	-1.53139	0.0703317	0.720826	-1.3873	0.881381	0.976127	-1.02446	0.489802	1.12022	1.12022	0.703776	1.06377	1.06377	0.0265471	0.653459	-1.53032	0.376833	0.863507	-1.15807	0.558624	1.10045	1.10045	2.58147	1.07065	0.368662	1
cg23106890	CENPQ;MUT	0.098193	0.384915	0.831406	-1.20278	0.661351	0.912688	-1.09566	0.0979605	1.45682	1.45682	0.809085	1.05145	1.05145	0.07028	0.657459	-1.52101	0.0105333	0.513228	-1.94845	0.813178	0.952116	-1.05029	0.454507	1.17105	1.17105	0.204736	0.757788	-1.31963	2.58142	1.7563	0.604767	1
cg10671907	CD164;CD164;CD164;CD164;CD164;CD164;CD164;CD164;CD164	0.0981937	0.0437834	0.525142	-1.90425	0.0213577	0.463613	-2.15697	0.462852	1.23084	1.23084	0.355149	0.767699	-1.30259	0.749127	1.09327	1.09327	0.315408	0.749385	-1.33443	0.953755	0.984011	-1.01625	0.0195354	0.456413	-2.191	0.758054	1.08967	1.08967	2.58141	3.15791	1.0874	1
cg10003549	KIF16B	0.0981965	0.0455276	0.707871	-1.41269	0.00982387	0.611579	-1.63511	0.187713	0.810314	-1.23409	0.755327	1.04822	1.04822	0.623679	0.928205	-1.07735	0.197088	1.22807	1.22807	0.885467	1.02195	1.02195	0.211481	0.820109	-1.21935	0.669502	1.06683	1.06683	2.58138	0.927952	0.319537	1
cg09133192	PPM1K	0.098202	0.0841385	0.809531	-1.23528	0.0756103	0.803569	-1.24445	0.173708	0.852107	-1.17356	0.427985	0.914405	-1.09361	0.59987	0.943149	-1.06028	0.20221	1.16054	1.16054	0.0243602	0.743275	-1.3454	0.563345	1.06673	1.06673	0.208015	1.15811	1.15811	2.58132	0.499862	0.17213	1
cg19360852	GPR19	0.0982036	0.128077	0.508813	-1.96536	0.501073	1.32377	1.32377	0.561483	1.27269	1.27269	0.0481245	2.52881	2.52881	0.0342097	0.36245	-2.759	0.821436	1.0973	1.0973	0.41692	0.711238	-1.406	0.0784324	2.23204	2.23204	0.55438	0.782216	-1.27842	2.5813	6.89662	2.3749	1
cg10113107	RRM1	0.0982048	0.0155871	0.312325	-3.2018	0.101956	0.495381	-2.01865	0.244626	0.620268	-1.61221	0.17006	0.563599	-1.77431	0.0374727	0.387778	-2.5788	0.221225	0.603763	-1.65628	0.0467765	0.409319	-2.44308	0.707651	0.862583	-1.15931	0.0380002	0.389102	-2.57002	2.58129	6.29467	2.16762	1
cg11789185	C14orf93;C14orf93;C14orf93	0.0982059	0.254158	0.791942	-1.26272	0.2647	1.25574	1.25574	0.911384	1.02205	1.02205	0.0713679	1.48365	1.48365	0.0556614	0.6539	-1.52929	0.169046	1.33248	1.33248	0.110632	0.711375	-1.40573	0.103137	0.705212	-1.41801	0.980058	1.00491	1.00491	2.58128	1.56891	0.540271	1
cg17727418	NRG3;NRG3;NRG3	0.0982062	0.174999	0.63124	-1.58418	0.127833	0.591513	-1.69058	0.143554	0.605759	-1.65082	0.169533	0.627053	-1.59476	0.00800192	0.338248	-2.95641	0.141741	0.604176	-1.65515	0.785739	0.916762	-1.0908	0.81802	0.929129	-1.07628	0.0223477	0.417675	-2.39421	2.58127	4.15859	1.43206	1
cg04048339	MCCD1	0.0982068	0.0619874	0.479696	-2.08465	0.213893	1.58006	1.58006	0.619014	1.19151	1.19151	0.310892	1.44267	1.44267	0.0170428	0.36176	-2.76427	0.0774386	0.503527	-1.98599	0.410281	0.745026	-1.34224	0.545527	0.807474	-1.23843	0.282348	0.676717	-1.47772	2.58126	4.9952	1.72016	1
cg12824060	OLFM4	0.0982083	0.810806	1.06798	1.06798	0.241733	1.39938	1.39938	0.824057	1.06297	1.06297	0.0131937	0.430596	-2.32237	0.0888607	0.597713	-1.67304	0.0492242	0.540323	-1.85075	0.273343	0.73153	-1.367	0.7153	1.10568	1.10568	0.19963	0.689625	-1.45006	2.58125	3.0744	1.05871	1
cg09999096	SMEK1	0.0982084	0.014678	0.41818	-2.39131	0.0342026	0.488146	-2.04857	0.776858	0.920845	-1.08596	0.877385	1.04583	1.04583	0.0285926	0.472567	-2.1161	0.0758034	0.563538	-1.7745	0.40063	0.779046	-1.28362	0.302747	0.733581	-1.36318	0.166549	0.651764	-1.5343	2.58125	3.44327	1.18574	1
cg14595083	EHMT1;EHMT1	0.0982116	0.405818	0.837045	-1.19468	0.0505471	0.62747	-1.5937	0.523561	0.873535	-1.14477	0.451872	0.851881	-1.17387	0.216359	0.761778	-1.31272	0.33831	0.813473	-1.2293	0.0150091	1.86887	1.86887	0.36423	0.822824	-1.21533	0.126681	0.707837	-1.41276	2.58121	1.78834	0.615848	1
cg08217581	ATP6V0D1;ATP6V0D1	0.0982147	0.124117	1.24709	1.24709	0.0117508	0.658792	-1.51793	0.0879953	0.779056	-1.28361	0.922621	1.01297	1.01297	0.488641	0.910933	-1.09778	0.146846	0.813451	-1.22933	0.682781	0.946971	-1.056	0.688904	1.05481	1.05481	0.10577	0.791125	-1.26402	2.58118	0.718848	0.247552	1
cg10871876	ZNF83	0.0982158	0.15634	0.562988	-1.77624	0.111552	0.518588	-1.92831	0.388578	0.71549	-1.39764	0.136114	1.83762	1.83762	0.129419	0.537544	-1.86031	0.751589	0.886639	-1.12785	0.00731153	0.269726	-3.70747	0.387905	0.715133	-1.39834	0.735509	0.879451	-1.13707	2.58116	5.86808	2.02082	1
cg01966878	SNCA;SNCA;SNCA;SNCA	0.0982182	0.174772	0.422455	-2.36711	0.594095	1.37867	1.37867	0.534976	1.45514	1.45514	0.148816	2.52029	2.52029	0.0576851	0.277674	-3.60135	0.404943	0.601269	-1.66315	0.0367752	0.23498	-4.25568	0.0410194	0.244701	-4.08663	0.414769	0.607943	-1.64489	2.58114	14.5696	5.01745	1
cg19762533	POU6F2;POU6F2	0.0982191	0.471107	0.661988	-1.5106	0.264421	1.92421	1.92421	0.0928663	2.83029	2.83029	0.935404	1.04667	1.04667	0.0691884	0.31854	-3.13932	0.214823	0.479633	-2.08493	0.016413	0.19201	-5.20806	0.500649	0.680694	-1.46909	0.286761	0.536642	-1.86344	2.58113	12.9428	4.45724	1
cg00520135	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.098222	0.383063	1.39039	1.39039	0.00459362	4.01516	4.01516	0.0476576	2.30368	2.30368	0.451983	1.32623	1.32623	0.441416	1.33541	1.33541	0.203869	1.63904	1.63904	0.0491744	2.28723	2.28723	0.178039	1.69438	1.69438	0.276394	1.51765	1.51765	2.58109	5.54983	1.91128	1
cg14041079	C2orf76;DBI;DBI;DBI	0.0982221	0.199112	1.3784	1.3784	0.107556	0.660074	-1.51498	0.221145	0.737712	-1.35554	0.219135	1.35753	1.35753	0.195867	1.38198	1.38198	0.337795	1.26329	1.26329	0.0746156	0.625162	-1.59959	0.228653	1.34828	1.34828	0.088019	1.56094	1.56094	2.58109	2.2869	0.787573	1
cg27636058	ZDHHC5	0.0982248	0.825886	1.11643	1.11643	0.703906	1.21031	1.21031	0.00680523	0.17328	-5.77102	0.141749	0.453951	-2.20288	0.894206	0.935652	-1.06877	0.0800439	0.37875	-2.64027	0.888096	1.07292	1.07292	0.61422	1.28927	1.28927	0.0706435	0.364264	-2.74526	2.58106	10.2154	3.51807	1
cg03735370	HCP5	0.098225	0.983988	1.01515	1.01515	0.0147808	9.46071	9.46071	0.117443	3.57463	3.57463	0.998499	0.998591	-1.00141	0.477497	1.71781	1.71781	0.702365	0.750041	-1.33326	0.0342346	6.36443	6.36443	0.720367	1.30903	1.30903	0.025741	7.27284	7.27284	2.58106	22.9413	7.90075	1
cg13427421	RASA3	0.0982296	0.0511863	0.538741	-1.85618	0.0769181	0.57815	-1.72966	0.381929	0.77897	-1.28375	0.0773033	1.72815	1.72815	0.39544	0.784723	-1.27434	0.322032	1.32971	1.32971	0.223385	1.4281	1.4281	0.126214	1.58542	1.58542	0.978342	1.00759	1.00759	2.58101	3.17167	1.09231	1
cg00589639	RECQL5;SAP30BP;RECQL5;RECQL5;RECQL5;RECQL5	0.09823	0.0986829	0.822576	-1.21569	0.0426896	1.28618	1.28618	0.0125334	1.39793	1.39793	0.433391	1.09006	1.09006	0.986927	1.00177	1.00177	0.318726	1.11757	1.11757	0.708956	0.960363	-1.04127	0.688225	1.04447	1.04447	0.193014	1.1602	1.1602	2.581	0.475616	0.163801	1
cg13442606	CARS;CARS;CARS;CARS	0.0982302	0.584486	0.81018	-1.23429	0.00649009	0.259582	-3.85235	0.0424377	0.410335	-2.43704	0.983814	0.992297	-1.00776	0.678711	1.17208	1.17208	0.276454	0.64953	-1.53957	0.725964	1.14355	1.14355	0.264508	0.641911	-1.55785	0.312593	1.48908	1.48908	2.581	5.93948	2.04554	1
cg06048973	ACTC1	0.0982307	0.819926	0.90285	-1.1076	0.0135586	0.254286	-3.93258	0.149382	0.50012	-1.99952	0.774568	0.87923	-1.13736	0.102485	0.448927	-2.22753	0.0213285	0.289352	-3.456	0.0931236	0.43694	-2.28865	0.0909057	0.433982	-2.30425	0.99924	0.999573	-1.00043	2.581	8.21219	2.82826	1
cg15540496	PTPRN2;PTPRN2;PTPRN2	0.0982323	0.266716	0.69756	-1.43357	0.703138	0.887655	-1.12656	0.0287286	2.23216	2.23216	0.249465	0.687543	-1.45446	0.0124839	0.380067	-2.63112	0.386089	0.758395	-1.31857	0.40326	0.766273	-1.30502	0.952447	0.981609	-1.01874	0.364185	0.74809	-1.33674	2.58098	3.95996	1.36381	1
cg00414077	C20orf118	0.0982362	0.919964	0.985186	-1.01504	0.0147187	1.56179	1.56179	0.0697695	0.739976	-1.35139	0.26671	0.842117	-1.18748	0.28314	0.847388	-1.1801	0.181719	0.810171	-1.23431	0.792817	0.961665	-1.03986	0.389848	0.877351	-1.1398	0.120603	0.778806	-1.28402	2.58093	0.901356	0.310432	1
cg06498400	FAM171A1	0.0982371	0.937729	0.966453	-1.03471	0.0564273	2.56843	2.56843	0.465607	0.723043	-1.38304	0.0893681	2.266	2.266	0.0703462	0.413379	-2.41909	0.982433	0.990431	-1.00966	0.204557	1.79437	1.79437	0.531132	1.31924	1.31924	0.0562484	0.389007	-2.57064	2.58092	7.79601	2.685	1
cg22439241	RNF160	0.0982424	0.117742	0.289375	-3.45572	0.0388329	0.174461	-5.73193	0.221819	0.391686	-2.55307	0.406873	0.538306	-1.85768	0.0406303	0.178079	-5.61547	0.0697246	0.227512	-4.39537	0.0229009	0.137124	-7.29266	0.0377653	0.172268	-5.80491	0.155689	0.329951	-3.03075	2.58086	21.7787	7.50093	1
cg20266711	PITPNM1;PITPNM1	0.0982432	0.826857	0.955702	-1.04635	0.312164	1.24141	1.24141	0.0136632	0.532139	-1.87921	0.324097	1.23446	1.23446	0.748233	1.06888	1.06888	0.425728	0.845158	-1.18321	0.0991346	1.45342	1.45342	0.0650214	0.651472	-1.53499	0.718154	0.927774	-1.07785	2.58086	1.74863	0.602257	1
cg17668731	CCNJL	0.0982432	0.641939	0.783115	-1.27695	0.134331	2.32303	2.32303	0.699088	1.22481	1.22481	0.186909	0.481738	-2.07582	0.70579	1.21897	1.21897	0.290119	0.563724	-1.77392	0.0650785	0.339137	-2.94866	0.0150641	4.7573	4.7573	0.709248	0.822389	-1.21597	2.58085	11.1408	3.83708	1
cg08499756	CLCN7;CLCN7	0.0982452	0.076235	0.226441	-4.41617	0.620992	0.687102	-1.45539	0.400719	0.523271	-1.91106	0.313109	0.455856	-2.19367	0.0174553	0.113189	-8.83479	0.856918	0.872939	-1.14556	0.00949608	0.0842348	-11.8716	0.0825793	0.235126	-4.25303	0.771795	0.803352	-1.24478	2.58083	23.1726	7.9811	1
cg26496205	CCDC154	0.0982452	0.0262054	0.135243	-7.39412	0.491054	0.588248	-1.69996	0.10687	0.263058	-3.80145	0.252377	2.47685	2.47685	0.175924	0.335669	-2.97913	0.319641	0.458335	-2.18181	0.019878	0.118532	-8.43656	0.399122	0.519526	-1.92483	0.0753657	0.222716	-4.49002	2.58083	23.5219	8.1014	1
cg07151047	RAB40C	0.0982454	0.365112	1.30103	1.30103	0.0193909	2.22423	2.22423	0.0548349	1.8512	1.8512	0.212235	1.45001	1.45001	0.115211	0.616121	-1.62306	0.394389	0.781386	-1.27978	0.216693	1.44426	1.44426	0.597117	0.859986	-1.16281	0.754703	0.915182	-1.09268	2.58083	3.26864	1.12579	1
cg12936983	PI4KB	0.0982459	0.132652	0.649519	-1.5396	0.890132	0.963909	-1.03744	0.162147	1.48727	1.48727	0.100072	0.619271	-1.6148	0.457065	0.817568	-1.22314	0.0952469	1.62824	1.62824	0.0218621	0.4811	-2.07857	0.321938	0.761756	-1.31276	0.777599	1.07822	1.07822	2.58082	2.89104	0.995733	1
cg23740135	MDFI	0.0982493	0.12967	1.87032	1.87032	0.0353657	2.55247	2.55247	0.473334	0.756604	-1.32169	0.169298	0.571213	-1.75066	0.198873	0.594992	-1.6807	0.0497929	0.42496	-2.35316	0.999802	1.00009	1.00009	0.256884	1.57232	1.57232	0.806884	0.910589	-1.09819	2.58079	5.97818	2.05904	1
cg23158877	C11orf73;C11orf73;C11orf73	0.0982505	0.211371	0.555268	-1.80093	0.0472864	0.362726	-2.7569	0.0871518	0.430011	-2.32552	0.0286218	3.16994	3.16994	0.498351	0.735564	-1.3595	0.308712	0.624553	-1.60114	0.218039	0.560498	-1.78413	0.390184	0.674751	-1.48203	0.472504	1.38609	1.38609	2.58077	8.15963	2.8104	1
cg24089250	ZNHIT6;ZNHIT6	0.0982508	0.271162	1.75204	1.75204	0.443882	1.46537	1.46537	0.177466	2.01697	2.01697	0.214305	1.89646	1.89646	0.983581	0.989977	-1.01012	0.0577598	0.349859	-2.85829	0.574353	1.32021	1.32021	0.00813533	5.25056	5.25056	0.740537	1.17665	1.17665	2.58077	9.79415	3.37338	1
cg14308509	FOXK1	0.0982553	0.0556996	0.334143	-2.99273	0.824165	1.11909	1.11909	0.701916	0.823297	-1.21463	0.0652804	2.84707	2.84707	0.0442853	0.310931	-3.21615	0.31424	0.590836	-1.69252	0.0930768	0.392921	-2.54504	0.282338	1.7592	1.7592	0.647463	1.26212	1.26212	2.58072	10.449	3.599	1
cg27296308	ITGB1BP1;ITGB1BP1	0.0982573	0.29638	0.736228	-1.35827	0.756586	1.09192	1.09192	0.227761	0.699019	-1.43058	0.992998	0.997521	-1.00248	0.846333	1.05641	1.05641	0.770007	0.920431	-1.08645	0.00688363	0.371756	-2.68994	0.644579	1.1404	1.1404	0.0210539	0.456208	-2.19198	2.58069	3.26927	1.12606	1
cg23197860	LARP7;C4orf21;LARP7	0.0982595	0.310349	0.792164	-1.26236	0.520278	0.865328	-1.15563	0.168193	0.721843	-1.38534	0.0425059	0.595442	-1.67943	0.560356	0.87749	-1.13961	0.172039	0.724225	-1.38079	0.496824	1.16547	1.16547	0.0169918	1.90795	1.90795	0.879224	0.966814	-1.03433	2.58067	2.01343	0.693508	1
cg00529053	GTF2H5;SERAC1	0.0982603	0.658556	1.08273	1.08273	0.216543	0.792607	-1.26166	0.282899	0.819197	-1.22071	0.777474	0.950618	-1.05195	0.476996	1.13797	1.13797	0.192882	1.27929	1.27929	0.0044419	0.507404	-1.97081	0.599388	1.09937	1.09937	0.853696	0.967544	-1.03355	2.58066	1.30575	0.449756	1
cg18061847	HAS2;HAS2AS	0.0982606	0.370597	0.770194	-1.29837	0.0123529	2.42214	2.42214	0.356632	1.30899	1.30899	0.0408714	0.511549	-1.95485	0.562652	1.18084	1.18084	0.235276	0.702385	-1.42372	0.633895	0.872615	-1.14598	0.74122	1.09869	1.09869	0.52733	1.19947	1.19947	2.58066	3.29655	1.13547	1
cg27614723	SLCO3A1;SLCO3A1	0.0982618	0.050135	0.526279	-1.90013	0.0970235	0.592438	-1.68794	0.0423935	0.510758	-1.95787	0.062057	0.546714	-1.82911	0.173322	0.6594	-1.51653	0.282678	0.725529	-1.37831	0.0090813	0.385629	-2.59317	0.304467	0.736633	-1.35753	0.410989	0.785341	-1.27333	2.58064	3.37646	1.163	1
cg07998951	ACTR3B;ACTR3B	0.0982628	0.0499131	0.250834	-3.9867	0.566742	0.69899	-1.43064	0.910549	0.932856	-1.07198	0.929773	1.05603	1.05603	0.0509659	0.252853	-3.95487	0.354072	0.554513	-1.80338	0.00546339	0.104347	-9.58344	0.220975	0.451245	-2.21609	0.198511	0.431543	-2.31727	2.58063	15.633	5.38472	1
cg04049225	KIAA0182;KIAA0182	0.0982647	0.811891	0.900635	-1.11033	0.00725625	4.57407	4.57407	0.0167466	3.60296	3.60296	0.924708	0.959356	-1.04237	0.97262	1.01518	1.01518	0.549185	1.30479	1.30479	0.187014	1.84768	1.84768	0.815304	0.902385	-1.10817	0.919904	0.956809	-1.04514	2.58061	7.87551	2.71271	1
cg22479947	CARS;CARS;CARS;CARS;CARS;CARS;CARS;CARS	0.098265	0.52583	0.822945	-1.21515	0.103617	1.71525	1.71525	0.0791182	1.8057	1.8057	0.0799828	0.554944	-1.80198	0.0718076	0.543731	-1.83915	0.615676	1.16583	1.16583	0.205016	0.66673	-1.49986	0.511891	1.22343	1.22343	0.186424	1.52898	1.52898	2.58061	3.75578	1.29368	1
cg20804280	RAVER2	0.0982651	0.980779	0.996732	-1.00328	0.0589928	1.33604	1.33604	0.483686	0.907823	-1.10154	0.718103	0.95194	-1.05049	0.8307	1.02952	1.02952	0.249466	1.17766	1.17766	0.00714725	0.623784	-1.60312	0.829006	1.02982	1.02982	0.326281	0.871362	-1.14763	2.58061	0.754448	0.259869	1
cg27190239	CLEC2A	0.098266	0.287627	0.570775	-1.752	0.444271	0.672922	-1.48606	0.512762	0.713789	-1.40097	0.845188	1.10439	1.10439	0.0047765	0.14918	-6.7033	0.802921	1.13543	1.13543	0.0265784	0.263141	-3.80024	0.829325	0.896148	-1.11589	0.190111	0.494196	-2.02349	2.5806	10.5439	3.63184	1
cg00030682	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.0982662	0.24686	0.742196	-1.34735	0.0325886	0.540193	-1.85119	0.388995	0.804635	-1.2428	0.694455	1.10208	1.10208	0.0569431	1.69966	1.69966	0.925088	1.02343	1.02343	0.0901581	1.5838	1.5838	0.134939	0.67247	-1.48706	0.578042	1.14838	1.14838	2.5806	2.4777	0.853448	1
cg07400503	STK32C	0.0982665	0.104116	0.326981	-3.05829	0.00653399	0.108276	-9.23565	0.0851422	0.301942	-3.31189	0.276298	0.490454	-2.03893	0.102568	0.325039	-3.07656	0.188261	0.415989	-2.40391	0.0573937	0.258663	-3.86604	0.31165	0.517624	-1.9319	0.875625	1.10356	1.10356	2.58059	16.1762	5.57191	1
cg24846680	C1orf69	0.0982674	0.0187702	4.96891	4.96891	0.0247734	4.50288	4.50288	0.0532614	3.44282	3.44282	0.834753	0.889043	-1.12481	0.177323	2.24174	2.24174	0.105057	2.71069	2.71069	0.0563938	3.3747	3.3747	0.502531	1.46687	1.46687	0.410723	1.60579	1.60579	2.58058	12.9556	4.46259	1
cg06854399	SNORD115-15;SNORD115-21;SNORD115-22	0.0982728	0.014	0.0807252	-12.3877	0.49608	0.563714	-1.77395	0.459125	0.535169	-1.86857	0.437578	0.518525	-1.92855	0.0131541	0.0780878	-12.8061	0.167446	0.295102	-3.38866	0.924941	1.08129	1.08129	0.821455	0.829054	-1.20619	0.0423877	0.143877	-6.95038	2.58052	28.1136	9.68404	1
cg05218311	ODZ4	0.0982754	0.129704	1.22676	1.22676	0.287837	1.14772	1.14772	0.0147176	1.45477	1.45477	0.867293	1.0211	1.0211	0.789399	1.03399	1.03399	0.48677	0.915559	-1.09223	0.462934	0.910935	-1.09777	0.0744321	1.28165	1.28165	0.0316115	1.36977	1.36977	2.58049	0.637054	0.219443	1
cg00792938	DHDDS;DHDDS	0.0982759	0.20982	1.54039	1.54039	0.0342145	2.24269	2.24269	0.0162536	2.61354	2.61354	0.189289	0.634733	-1.57547	0.415299	0.761718	-1.31282	0.949546	1.0209	1.0209	0.208397	1.54269	1.54269	0.332957	1.38606	1.38606	0.260547	1.46755	1.46755	2.58049	4.36701	1.50429	1
cg06168235	PIK3C3	0.0982784	0.048756	0.65715	-1.52172	0.0263782	0.611892	-1.63428	0.347104	1.19793	1.19793	0.481649	0.875102	-1.14272	0.341189	0.832802	-1.20077	0.335112	1.20372	1.20372	0.0760504	1.44521	1.44521	0.317823	0.824804	-1.21241	0.957612	1.00996	1.00996	2.58046	1.42209	0.489866	1
cg20895054	DEK;DEK	0.0982824	0.0130783	0.545051	-1.83469	0.0752768	1.47767	1.47767	0.289834	0.805255	-1.24184	0.118208	0.715744	-1.39715	0.307782	0.812097	-1.23138	0.656475	0.915524	-1.09227	0.13837	0.730122	-1.36963	0.579148	0.895427	-1.11679	0.130628	0.724813	-1.37967	2.58041	1.58853	0.547209	1
cg21027573	TPST1	0.0982873	0.0976575	1.41901	1.41901	0.601556	0.903522	-1.10678	0.945511	0.986924	-1.01325	0.277895	1.2427	1.2427	0.662122	1.08836	1.08836	0.837964	0.961335	-1.04022	0.00604167	0.501267	-1.99495	0.851079	0.964454	-1.03686	0.222281	1.28018	1.28018	2.58036	1.51551	0.522069	1
cg03678710	RFC3;RFC3	0.0982883	0.161743	0.405511	-2.46602	0.865539	0.902689	-1.1078	0.146601	0.39015	-2.56312	0.821648	1.14613	1.14613	0.0927803	0.327165	-3.05656	0.0609723	0.27923	-3.58128	0.00872616	0.132847	-7.52743	0.481626	1.54045	1.54045	0.173369	0.416816	-2.39914	2.58035	14.9132	5.13736	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00307662	ASPHD1	0.0982892	0.22401	2.66185	2.66185	0.4109	0.524944	-1.90497	0.481466	0.577879	-1.73047	0.225131	2.65494	2.65494	0.0197975	0.115724	-8.64122	0.153311	0.309777	-3.22813	0.052275	0.184183	-5.42937	0.469964	1.75658	1.75658	0.237601	0.387437	-2.58107	2.58034	24.0051	8.26943	1
cg18110243	EIF2AK2;EIF2AK2;EIF2AK2;EIF2AK2	0.0982959	0.205601	1.3435	1.3435	0.0157448	0.519765	-1.92395	0.550995	1.14271	1.14271	0.205265	1.34383	1.34383	0.257518	0.770056	-1.29861	0.891497	0.97027	-1.03064	0.0485081	0.607503	-1.64608	0.331684	0.801344	-1.2479	0.33836	0.803933	-1.24388	2.58026	1.99826	0.688391	1
cg00753676	FLJ13197	0.0982987	0.207355	0.71151	-1.40546	0.122145	0.651237	-1.53554	0.174344	0.690809	-1.44758	0.10802	0.638337	-1.56657	0.772397	1.07707	1.07707	0.201158	1.41281	1.41281	0.0293326	1.92915	1.92915	0.254679	1.35588	1.35588	0.834677	0.947907	-1.05496	2.58023	2.67787	0.922526	1
cg15870832	C4orf22	0.0982992	0.162765	2.09637	2.09637	0.598051	1.30251	1.30251	0.26561	0.561983	-1.77941	0.320833	0.60077	-1.66453	0.075161	0.373688	-2.67603	0.419333	0.663713	-1.50668	0.248947	0.549558	-1.81964	0.0169754	4.2471	4.2471	0.632965	1.26999	1.26999	2.58022	10.0845	3.47411	1
cg23347399	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB4;PCDHGA7;PCDHGB2;PCDHGB4	0.0983004	0.0659963	5.045	5.045	0.12418	3.69262	3.69262	0.29696	2.33608	2.33608	0.273949	2.4431	2.4431	0.709249	1.34164	1.34164	0.105475	4.00598	4.00598	0.00598682	16.7571	16.7571	0.0466695	5.97355	5.97355	0.207222	2.83952	2.83952	2.58021	25.1599	8.66764	1
cg18852781	PIK3C2G	0.098301	0.205638	0.695448	-1.43792	0.0171859	0.453939	-2.20294	0.102542	0.615109	-1.62573	0.0942988	0.60633	-1.64927	0.0263779	0.488562	-2.04682	0.141399	0.650391	-1.53754	0.14708	0.654912	-1.52692	0.481751	1.21471	1.21471	0.209806	0.698006	-1.43265	2.5802	3.02371	1.04168	1
cg01120369	PLXND1	0.0983011	0.656722	0.822718	-1.21548	0.514532	0.749502	-1.33422	0.486302	0.734472	-1.36152	0.148057	0.508174	-1.96783	0.0118549	0.253975	-3.93739	0.143656	0.503862	-1.98467	0.324228	0.641374	-1.55915	0.0105737	0.245883	-4.06698	0.0864355	0.437674	-2.28481	2.5802	7.77724	2.67929	1
cg16825643	FAM38A	0.0983014	0.965846	1.007	1.007	0.0167922	1.60881	1.60881	0.15894	1.27803	1.27803	0.97346	0.994594	-1.00544	0.145709	1.28984	1.28984	0.18238	1.25935	1.25935	0.0110364	1.6811	1.6811	0.747944	1.05394	1.05394	0.645716	0.927349	-1.07834	2.5802	1.08495	0.373769	1
cg19437319	KIAA0196	0.0983016	0.00791935	1.61975	1.61975	0.151479	1.24314	1.24314	0.389166	0.88252	-1.13312	0.943213	0.989962	-1.01014	0.771496	0.9596	-1.0421	0.834335	1.0301	1.0301	0.0382159	1.40517	1.40517	0.128749	1.26174	1.26174	0.732769	1.04973	1.04973	2.5802	0.819521	0.282329	1
cg24470298	DIP2C	0.0983019	0.0310675	0.323647	-3.08978	0.362815	0.659101	-1.51722	0.0463979	0.361714	-2.76462	0.625154	0.802949	-1.24541	0.0354296	0.335675	-2.97907	0.739204	0.861643	-1.16057	0.770232	0.877623	-1.13944	0.115368	2.14464	2.14464	0.508332	1.34862	1.34862	2.58019	8.11835	2.79681	1
cg23520688	TRAF3;TRAF3;TRAF3	0.0983024	0.0204509	0.259797	-3.84917	0.79136	0.879909	-1.13648	0.683603	0.820597	-1.21863	0.807969	0.889142	-1.12468	0.0174645	0.24756	-4.03942	0.920238	0.952819	-1.04952	0.0188837	0.253552	-3.94396	0.164348	0.488727	-2.04613	0.627984	0.79008	-1.26569	2.58019	9.51495	3.27795	1
cg20725135	SPEM1	0.0983038	0.243099	0.680091	-1.47039	0.951714	1.0193	1.0193	0.126352	1.68535	1.68535	0.420431	1.29667	1.29667	0.0301566	0.447221	-2.23603	0.197308	1.53752	1.53752	0.0871127	0.550866	-1.81533	0.131837	0.598473	-1.67092	0.468875	1.26187	1.26187	2.58017	4.0709	1.40246	1
cg08875948	GRM1;GRM1	0.0983042	0.11214	6.09018	6.09018	0.237684	3.63973	3.63973	0.846072	1.22507	1.22507	0.640354	0.611738	-1.63469	0.118719	0.170537	-5.86383	0.322924	0.344253	-2.90484	0.744028	1.40805	1.40805	0.011332	27.4312	27.4312	0.170284	4.59676	4.59676	2.58017	44.5763	15.3569	1
cg10253847	NKAPL	0.0983063	0.0244497	16.9385	16.9385	0.187443	4.3692	4.3692	0.563012	1.85372	1.85372	0.168933	4.69741	4.69741	0.586143	1.78648	1.78648	0.123696	0.17207	-5.81158	0.03742	12.7955	12.7955	0.259726	3.4588	3.4588	0.0750333	8.10557	8.10557	2.58014	45.5241	15.6836	1
cg18300589	PLK5P	0.0983074	0.00762377	0.0709793	-14.0886	0.255565	0.412918	-2.42179	0.760427	1.25422	1.25422	0.438492	0.556113	-1.79819	0.825046	1.17815	1.17815	0.288101	0.439917	-2.27315	0.0693084	0.216317	-4.62285	0.370915	1.97967	1.97967	0.269109	2.35693	2.35693	2.74613	23.3346	6.60899	1
cg27615368	NCOR2;NCOR2	0.0983074	0.309031	0.908895	-1.10024	0.0481974	1.22737	1.22737	0.0311439	0.794922	-1.25798	0.947445	0.994036	-1.006	0.913746	1.00988	1.00988	0.943874	0.993632	-1.00641	0.421914	1.07728	1.07728	0.0705243	1.20129	1.20129	0.160364	0.872771	-1.14578	2.58013	0.336431	0.115905	1
cg01416521	SBK2	0.0983132	0.125867	0.42148	-2.37259	0.903495	1.06532	1.06532	0.628105	1.28999	1.28999	0.0587322	0.328313	-3.04588	0.00975446	0.181772	-5.50139	0.0285254	0.259729	-3.85016	0.654882	0.790808	-1.26453	0.374419	0.621512	-1.60898	0.688241	0.810252	-1.23418	2.58006	11.1199	3.83104	1
cg22023531	SORD	0.0983134	0.112443	0.326471	-3.06306	0.41034	0.579624	-1.72526	0.44714	1.65186	1.65186	0.176314	2.53757	2.53757	0.0953934	0.305208	-3.27646	0.0627865	0.257648	-3.88126	0.126294	2.9196	2.9196	0.0777527	0.280879	-3.56026	0.478885	0.627308	-1.59411	2.58006	17.1462	5.90723	1
cg05279137	AP2A2	0.0983135	0.218602	1.61409	1.61409	0.00456062	4.04593	4.04593	0.0384137	2.42918	2.42918	0.523407	0.787198	-1.27033	0.681306	1.16508	1.16508	0.383277	1.39208	1.39208	0.849551	0.932148	-1.07279	0.443915	1.33482	1.33482	0.907258	0.957796	-1.04406	2.58006	5.59402	1.92727	1
cg03595487	VPS24;VPS24	0.0983144	0.0689321	1.44935	1.44935	0.751867	1.05954	1.05954	0.245609	1.24784	1.24784	0.0151816	1.72253	1.72253	0.552333	1.11585	1.11585	0.230862	1.25754	1.25754	0.549301	1.1168	1.1168	0.532319	0.891077	-1.12224	0.0603007	0.67957	-1.47152	2.58005	1.35838	0.467995	1
cg08912400	CHRNA4	0.0983151	0.399115	0.791544	-1.26335	0.241195	0.717311	-1.39409	0.0584034	0.560381	-1.7845	0.323155	1.31832	1.31832	0.451206	0.812305	-1.23106	0.999113	0.999699	-1.0003	0.024495	2.06612	2.06612	0.0800462	1.69205	1.69205	0.636416	0.879017	-1.13763	2.58004	2.99665	1.03242	1
cg09140723	SGPL1	0.0983161	0.731761	1.10798	1.10798	0.0182142	0.425609	-2.34958	0.313572	0.733008	-1.36424	0.198277	0.666864	-1.49956	0.44809	1.25909	1.25909	0.4243	0.784142	-1.27528	0.0518017	1.93382	1.93382	0.228897	1.45686	1.45686	0.34577	0.748746	-1.33557	2.58003	3.62868	1.25018	1
cg21653913	EGLN2;EGLN2	0.0983171	0.695801	1.1332	1.1332	0.672839	1.14472	1.14472	0.452352	0.783762	-1.2759	0.14484	1.64598	1.64598	0.21045	0.65707	-1.52191	0.195524	1.54599	1.54599	0.0156211	0.389319	-2.56859	0.124614	1.69742	1.69742	0.288948	1.41951	1.41951	2.58002	4.13835	1.42578	1
cg17366325	RPL19	0.0983185	0.0586261	0.613161	-1.63089	0.536843	0.866588	-1.15395	0.475378	0.846883	-1.1808	0.00665343	0.446499	-2.23965	0.0474491	0.594992	-1.68069	0.596262	0.884773	-1.13023	0.357719	0.805278	-1.24181	0.56265	0.874575	-1.14341	0.0420223	0.584805	-1.70997	2.58001	2.14226	0.738071	1
cg18832407	RNASE1;RNASE1;RNASE1;RNASE1	0.0983189	0.65197	1.36187	1.36187	0.592525	1.44433	1.44433	0.60723	1.42307	1.42307	0.181748	2.64378	2.64378	0.583335	1.45793	1.45793	0.236255	2.33844	2.33844	0.0101441	9.85373	9.85373	0.0171607	7.66935	7.66935	0.034333	5.57941	5.57941	2.74598	19.6617	5.56904	1
cg18256236	LOC100302652;ASB3;ERLEC1;ASB3;ERLEC1;ERLEC1	0.0983196	0.831726	1.05109	1.05109	0.885514	0.966827	-1.03431	0.0218453	1.90472	1.90472	0.10436	0.659861	-1.51547	0.341498	1.25799	1.25799	0.079874	1.57631	1.57631	0.0938585	0.649604	-1.5394	0.897775	1.03056	1.03056	0.383946	0.811358	-1.2325	2.57999	2.24049	0.771921	1
cg24865482	CEP350	0.0983196	0.155121	2.13009	2.13009	0.962002	0.9766	-1.02396	0.412922	1.51595	1.51595	0.0586166	2.89148	2.89148	0.0960287	2.48055	2.48055	0.0171386	4.2373	4.2373	0.0285081	3.61323	3.61323	0.0616901	2.84618	2.84618	0.154292	2.13379	2.13379	2.57999	10.0935	3.47754	1
cg26121561	RPS29;RPS29	0.0983201	0.193949	1.28524	1.28524	0.0481221	0.662031	-1.5105	0.049796	0.664602	-1.50466	0.733971	1.06427	1.06427	0.172394	1.30368	1.30368	0.13947	0.747981	-1.33693	0.395452	1.17223	1.17223	0.308695	1.21212	1.21212	0.280077	0.814629	-1.22755	2.57999	1.36229	0.469354	1
cg06232205	GPR176	0.0983206	0.0862383	0.242027	-4.13177	0.0752263	0.227028	-4.40475	0.607231	1.47414	1.47414	0.419954	0.5397	-1.85288	0.0263037	0.139146	-7.1867	0.212868	0.374579	-2.66967	0.0164032	0.111318	-8.98331	0.0761917	0.228385	-4.37857	0.429924	0.547139	-1.82769	2.57998	22.8908	7.88664	1
cg14137548	C10orf72;C10orf72	0.0983219	0.0729142	0.520219	-1.92227	0.555124	0.822843	-1.2153	0.00471812	0.293327	-3.40917	0.0879121	0.540491	-1.85017	0.401722	0.7555	-1.32363	0.150105	0.604109	-1.65533	0.599573	1.18895	1.18895	0.991216	1.0036	1.0036	0.294878	0.701251	-1.42602	2.57997	4.36073	1.50243	1
cg07063294	MGC23270	0.0983244	0.72639	0.857526	-1.16615	0.365726	0.665922	-1.50168	0.493425	0.737644	-1.35567	0.919661	1.04513	1.04513	0.00185103	0.144648	-6.91333	0.169133	0.526815	-1.8982	0.965474	0.981241	-1.01912	0.321392	0.638773	-1.5655	0.66555	0.826735	-1.20958	2.57994	7.82111	2.69467	1
cg13406243	CACNA1B	0.0983271	0.130343	0.560266	-1.78487	0.208807	1.59968	1.59968	0.381207	0.727255	-1.37503	0.0768175	0.497684	-2.00931	0.277547	0.670039	-1.49245	0.399031	1.35819	1.35819	0.0105895	0.319836	-3.1266	0.592567	1.21111	1.21111	0.944786	0.97574	-1.02486	2.57991	5.13752	1.7701	1
cg25865120	DUT;DUT;DUT	0.0983278	0.0127112	0.109549	-9.12831	0.377916	0.52409	-1.90807	0.565484	0.660406	-1.51422	0.15514	0.337406	-2.96379	0.0705856	0.236204	-4.23364	0.101355	0.277739	-3.60051	0.0164547	0.123283	-8.11139	0.169344	0.351488	-2.84505	0.131014	0.312094	-3.20416	2.5799	20.8389	7.17991	1
cg07075347	PGAM2	0.0983297	0.0202525	0.102702	-9.73689	0.601512	1.53476	1.53476	0.693778	1.3795	1.3795	0.586361	0.639753	-1.5631	0.0251752	0.114796	-8.71111	0.770621	1.26831	1.26831	0.0504954	0.163307	-6.12342	0.112238	0.245151	-4.07912	0.253478	0.379243	-2.63683	2.57988	27.0066	9.30502	1
cg08276543	NCOR2;NCOR2	0.0983308	0.238434	1.41523	1.41523	0.0731772	1.75418	1.75418	0.0321261	2.02581	2.02581	0.367145	1.29766	1.29766	0.0613604	0.55275	-1.80914	0.996663	0.998825	-1.00118	0.051167	1.86749	1.86749	0.364151	1.2999	1.2999	0.369053	1.29624	1.29624	2.57987	3.23217	1.11364	1
cg24145210	NPM1;NPM1;NPM1	0.0983317	0.6483	0.648889	-1.5411	0.406165	2.22628	2.22628	0.1072	5.23842	5.23842	0.0778176	6.33253	6.33253	0.45624	0.489373	-2.04343	0.791835	1.28289	1.28289	0.79186	0.779514	-1.28285	0.00541575	31.4111	31.4111	0.261673	3.01123	3.01123	2.57986	36.2403	12.4866	1
cg06885524	CYBRD1;CYBRD1	0.0983327	0.352249	0.843119	-1.18607	0.953524	1.01044	1.01044	0.433943	0.867335	-1.15296	0.0898213	0.716526	-1.39562	0.541319	0.895629	-1.11653	0.326753	1.1978	1.1978	0.0497616	0.671016	-1.49028	0.257632	1.2344	1.2344	0.0265885	1.59764	1.59764	2.57984	1.29843	0.447375	1
cg12611575	MDGA1	0.0983355	0.458901	1.23629	1.23629	0.0176374	2.25239	2.25239	0.0817862	1.72023	1.72023	0.504509	1.20984	1.20984	0.134391	1.57461	1.57461	0.576244	1.17211	1.17211	0.011183	2.44544	2.44544	0.232777	1.42179	1.42179	0.0634286	1.79869	1.79869	2.57981	3.23215	1.11366	1
cg21433329	DPM1;MOCS3	0.0983392	0.0678631	0.618264	-1.61743	0.92227	1.02321	1.02321	0.615938	1.12627	1.12627	0.138281	1.45527	1.45527	0.390711	1.2297	1.2297	0.0443952	0.581097	-1.72088	0.0263179	0.538249	-1.85788	0.610688	1.1283	1.1283	0.896616	0.969898	-1.03104	2.57977	2.25846	0.778176	1
cg01579086	MLX;MLX;MLX	0.0983398	0.11024	0.768601	-1.30107	0.308808	0.852777	-1.17264	0.584662	0.919932	-1.08704	0.188087	0.809864	-1.23477	0.407731	0.879818	-1.1366	0.0765613	0.74241	-1.34696	0.369458	1.14954	1.14954	0.0062259	0.583226	-1.7146	0.112688	0.770223	-1.29833	2.57977	0.934037	0.321833	1
cg14962776	TRAPPC2;TRAPPC2;OFD1;TRAPPC2	0.0983399	0.0169028	0.272742	-3.66646	0.0635149	2.53508	2.53508	0.0549464	2.63897	2.63897	0.977379	1.01272	1.01272	0.720525	0.852	-1.17371	0.962516	1.02117	1.02117	0.308365	1.60012	1.60012	0.2499	1.70934	1.70934	0.774624	1.13655	1.13655	2.57976	8.12184	2.79848	1
cg24776142	ATXN1;ATXN1	0.0983419	0.0729562	0.337193	-2.96566	0.183186	0.464114	-2.15464	0.200542	0.479567	-2.08522	0.217882	0.49434	-2.0229	0.0281145	0.244249	-4.09418	0.331935	0.580389	-1.72298	0.0387329	0.272252	-3.67306	0.136726	2.39012	2.39012	0.19961	0.478755	-2.08875	2.57974	12.0703	4.15901	1
cg17163751	H2AFY2;H2AFY2	0.0983468	0.328492	1.20873	1.20873	0.0666678	1.4718	1.4718	0.00982292	1.84682	1.84682	0.454757	0.866658	-1.15386	0.322814	1.21161	1.21161	0.568449	1.11444	1.11444	0.19387	0.772307	-1.29482	0.343276	1.20142	1.20142	0.115579	1.37923	1.37923	2.57969	1.44338	0.497349	1
cg22632987	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1	0.098348	0.57615	1.10936	1.10936	0.744935	0.941779	-1.06182	0.0223836	0.604825	-1.65337	0.686383	0.928125	-1.07744	0.740272	0.940701	-1.06304	0.239832	1.25378	1.25378	0.0315597	1.58927	1.58927	0.163643	0.760972	-1.31411	0.222685	0.7902	-1.2655	2.57967	1.37955	0.475358	1
cg19338842	GNAL	0.0983493	0.0516584	0.661545	-1.51161	0.0367891	0.636026	-1.57226	0.642543	0.916495	-1.09111	0.0604696	0.673731	-1.48427	0.304463	0.820046	-1.21944	0.0856982	0.701636	-1.42524	0.0177249	0.583921	-1.71256	0.350628	0.835924	-1.19628	0.596935	1.10468	1.10468	2.57966	1.42187	0.489941	1
cg25924525	SGMS1	0.0983513	0.0313296	0.710065	-1.40832	0.130153	1.24809	1.24809	0.540929	0.919515	-1.08753	0.472771	0.905744	-1.10406	0.81353	1.03255	1.03255	0.0416744	0.727364	-1.37483	0.0903437	0.776467	-1.28788	0.538758	1.08803	1.08803	0.269924	1.16852	1.16852	2.57963	0.750834	0.258722	1
cg03870044	C5orf48	0.0983542	0.0789121	0.394219	-2.53666	0.932302	1.04137	1.04137	0.833888	0.904662	-1.10539	0.371025	0.645172	-1.54997	0.0148734	0.239497	-4.17542	0.215838	0.537158	-1.86165	0.0231718	0.273865	-3.65143	0.42432	0.677537	-1.47593	0.0352541	0.310386	-3.2218	2.5796	9.2996	3.20449	1
cg12138150	LYZL1;LYZL1	0.0983575	0.118244	0.877164	-1.14004	0.23157	1.10182	1.10182	0.988773	1.00109	1.00109	0.473552	0.945231	-1.05794	0.689228	0.969415	-1.03155	0.636899	1.03742	1.03742	0.0241273	1.23097	1.23097	0.0291257	0.819807	-1.2198	0.454343	0.94281	-1.06066	2.57957	0.243942	0.0840595	1
cg05228295	SIDT2	0.0983583	0.310199	1.1313	1.1313	0.941065	0.991351	-1.00872	0.00800291	1.49077	1.49077	0.135307	1.2082	1.2082	0.222266	1.16265	1.16265	0.453753	1.0938	1.0938	0.142511	0.830933	-1.20347	0.849916	0.97799	-1.02251	0.100191	1.23567	1.23567	2.57956	0.563922	0.194322	1
cg02758552	GPX1;GPX1;GPX1;GPX1	0.098359	0.899918	0.976479	-1.02409	0.0613297	0.671115	-1.49006	0.117693	0.725116	-1.37909	0.177706	1.31123	1.31123	0.435957	0.860403	-1.16225	0.400284	0.849693	-1.1769	0.017102	1.733	1.733	0.925085	1.01795	1.01795	0.444436	0.862877	-1.15891	2.57955	1.46206	0.503813	1
cg24559601	RCC2;RCC2	0.0983592	0.9597	1.01198	1.01198	0.781897	0.936667	-1.06761	0.151819	1.43616	1.43616	0.0559445	0.600213	-1.66608	0.1177	0.669951	-1.49265	0.614197	1.12731	1.12731	0.89048	1.03301	1.03301	0.144185	1.44753	1.44753	0.0244893	1.88094	1.88094	2.57955	2.27061	0.782434	1
cg01578987	PPFIA2	0.0983615	0.590246	0.907845	-1.10151	0.276433	0.817635	-1.22304	0.502377	0.885971	-1.12871	0.488344	0.882318	-1.13338	0.29867	1.21117	1.21117	0.0501766	0.672255	-1.48753	0.0197332	1.65004	1.65004	0.400712	1.16531	1.16531	0.153832	1.312	1.312	2.57952	1.29223	0.445297	1
cg13500388	CBFB;CBFB	0.0983637	0.00758893	0.306998	-3.25735	0.572318	0.821828	-1.2168	0.532436	0.804556	-1.24292	0.444154	1.30772	1.30772	0.0309516	0.418438	-2.38984	0.603835	1.19725	1.19725	0.435858	0.760791	-1.31442	0.201049	0.628515	-1.59105	0.144811	0.583578	-1.71357	2.5795	4.83189	1.66506	1
cg22304255	HLA-J;NCRNA00171	0.0983656	0.201448	2.24357	2.24357	0.036797	4.27555	4.27555	0.0637463	3.48481	3.48481	0.540103	1.44996	1.44996	0.548804	0.695311	-1.43821	0.47125	0.644687	-1.55114	0.218999	2.16921	2.16921	0.0186067	5.5234	5.5234	0.096009	2.98917	2.98917	2.57947	14.6584	5.0513	1
cg09121543	LIMD2	0.0983674	0.335673	1.54563	1.54563	0.083482	2.31702	2.31702	0.0618517	2.51516	2.51516	0.895393	1.05939	1.05939	0.57827	0.781684	-1.27929	0.680123	0.833739	-1.19942	0.0686817	0.409122	-2.44426	0.0346075	2.94641	2.94641	0.206787	1.79316	1.79316	2.57945	7.85886	2.70819	1
cg01923516	SDK1	0.0983702	0.117659	0.177046	-5.64825	0.220313	0.269005	-3.71741	0.877581	1.17006	1.17006	0.496855	0.495164	-2.01953	0.0418923	0.0917027	-10.9048	0.934072	0.919159	-1.08795	0.0163144	0.0501848	-19.9263	0.0241743	0.0646537	-15.467	0.10625	0.165741	-6.03351	2.57942	42.4096	14.6147	1
cg12625990	TAF10	0.0983705	0.204194	0.750971	-1.33161	0.0231689	1.78641	1.78641	0.657951	0.909159	-1.09992	0.578598	1.12741	1.12741	0.326434	0.805297	-1.24178	0.849206	1.04152	1.04152	0.0161571	1.87567	1.87567	0.474373	0.855988	-1.16824	0.544217	1.14019	1.14019	2.57942	1.8662	0.643107	1
cg26980034	KLHL31	0.0983709	0.01574	4.46891	4.46891	0.0308982	3.60422	3.60422	0.320362	1.68108	1.68108	0.546833	1.36132	1.36132	0.0897498	2.57596	2.57596	0.439914	1.48955	1.48955	0.973911	1.01668	1.01668	0.0237959	3.91499	3.91499	0.121283	2.33929	2.33929	2.57941	10.4549	3.60286	1
cg14675211	LONRF2;LONRF2	0.098372	0.0286251	0.494216	-2.02341	0.252253	1.38602	1.38602	0.69336	0.897476	-1.11424	0.0462417	0.536171	-1.86508	0.675302	0.891377	-1.12186	0.0181962	0.457216	-2.18715	0.817529	0.938867	-1.06511	0.499994	1.20548	1.20548	0.547169	0.846806	-1.18091	2.5794	3.04354	1.04883	1
cg15606819	TRPM4;TRPM4	0.0983747	0.584762	1.06046	1.06046	0.106386	1.20632	1.20632	0.0721762	1.23798	1.23798	0.885987	0.984854	-1.01538	0.628146	0.949405	-1.05329	0.0221283	1.33892	1.33892	0.111155	0.831425	-1.20275	0.0763519	1.23337	1.23337	0.969712	1.00405	1.00405	2.57937	0.462306	0.159317	1
cg20728704	SLC16A14	0.0983774	0.184311	0.723514	-1.38214	0.962142	1.01097	1.01097	0.791296	1.06285	1.06285	0.640697	1.11408	1.11408	0.0108407	2.08613	2.08613	0.523064	1.16038	1.16038	0.0329217	1.7742	1.7742	0.879651	1.03543	1.03543	0.0774073	1.57012	1.57012	2.57934	2.15755	0.743531	1
cg27299406	HAAO	0.0983797	0.119106	6.37724	6.37724	0.543822	1.96012	1.96012	0.25997	3.62213	3.62213	0.603191	1.77611	1.77611	0.0452561	12.3783	12.3783	0.263825	3.58166	3.58166	0.0182307	23.086	23.086	0.0186083	22.7598	22.7598	0.0511136	11.3949	11.3949	2.57932	49.011	16.8903	1
cg22319207	CNP	0.0983798	0.416778	1.07447	1.07447	0.0260766	1.25675	1.25675	0.597085	1.04725	1.04725	0.903826	1.01052	1.01052	0.393184	1.07864	1.07864	0.123637	1.15527	1.15527	0.982059	1.00195	1.00195	0.407492	1.07609	1.07609	0.00431249	1.39137	1.39137	2.57931	0.306008	0.105457	1
cg11791921	ITGB1BP1;ITGB1BP1	0.0983801	0.0712593	3.17192	3.17192	0.331675	1.77504	1.77504	0.29417	1.86525	1.86525	0.0414892	3.84567	3.84567	0.145479	2.44868	2.44868	0.203476	2.15774	2.15774	0.0267498	4.49819	4.49819	0.0187537	5.11296	5.11296	0.0569326	3.43618	3.43618	2.57931	13.4097	4.62129	1
cg13530621	GJA3	0.0983813	?	?	?	0.302966	0.510353	-1.95943	?	?	?	0.147716	2.72595	2.72595	?	?	?	?	?	?	?	?	?	?	?	?	0.0552921	4.29749	4.29749	3.65627	6.72005	3.06326	1
cg00382515	MRPL44	0.0983838	0.399069	0.839558	-1.1911	0.154701	1.36144	1.36144	0.987582	1.00316	1.00316	0.060961	1.53388	1.53388	0.591115	1.11612	1.11612	0.221344	1.29745	1.29745	0.0188422	0.561966	-1.77947	0.231239	0.775403	-1.28965	0.457637	1.16557	1.16557	2.57927	1.67617	0.577655	1
cg12025832	BEGAIN;BEGAIN	0.0983844	0.330658	0.582353	-1.71717	0.00209568	0.0971676	-10.2915	0.182079	0.46632	-2.14445	0.764764	1.17544	1.17544	0.338353	0.587658	-1.70167	0.505038	0.694659	-1.43955	0.928175	0.952597	-1.04976	0.918244	0.946197	-1.05686	0.873493	1.08962	1.08962	2.57926	11.852	4.08453	1
cg24201033	CPT1C;CPT1C	0.0983844	0.631395	1.23883	1.23883	0.598824	1.26517	1.26517	0.0681932	0.404626	-2.47142	0.186645	0.537819	-1.85936	0.436014	1.42204	1.42204	0.496654	1.35769	1.35769	0.00962491	4.2715	4.2715	0.585227	1.27657	1.27657	0.326903	0.638637	-1.56584	2.57926	8.01876	2.7635	1
cg21128539	ZNF516	0.0983867	0.900791	1.01656	1.01656	0.629471	0.937976	-1.06613	0.0678935	0.763887	-1.30909	0.552513	0.923905	-1.08236	0.805397	1.03305	1.03305	0.0973583	0.786933	-1.27076	0.0145182	1.48675	1.48675	0.149174	0.81568	-1.22597	0.35008	0.881011	-1.13506	2.57924	0.708641	0.244221	1
cg19538655	PAX9	0.0983869	0.361607	1.35809	1.35809	0.181565	1.58864	1.58864	0.45978	1.27846	1.27846	0.197639	0.641162	-1.55967	0.00869594	0.335754	-2.97837	0.926262	0.970239	-1.03067	0.0904671	0.543974	-1.83832	0.709187	0.884904	-1.13007	0.66877	1.15082	1.15082	2.57923	4.35168	1.49973	1
cg02273617	LBXCOR1	0.0983886	0.460131	2.79028	2.79028	0.0982233	11.8785	11.8785	0.0665653	16.5612	16.5612	0.43999	0.341434	-2.92883	0.399129	0.307938	-3.2474	0.373334	3.47989	3.47989	0.0138875	63.277	63.277	0.0490606	21.4519	21.4519	0.601082	2.05408	2.05408	2.57922	76.0551	26.2113	1
cg03649030	SEC22B	0.0983925	0.0390145	0.132668	-7.53764	0.0316568	0.118849	-8.41401	0.0531254	0.156015	-6.40965	0.397749	0.480925	-2.07933	0.0188448	0.0902383	-11.0818	0.113876	0.233582	-4.28115	0.0893056	0.205156	-4.87433	0.232967	0.347365	-2.87882	0.165705	0.286545	-3.48985	2.57917	29.1978	10.0628	1
cg08444060	RSF1;C11orf67	0.0983925	0.46734	0.917272	-1.09019	0.246454	0.868042	-1.15202	0.00400143	0.636598	-1.57085	0.617672	0.942936	-1.06052	0.1705	0.843306	-1.18581	0.0836876	0.799706	-1.25046	0.0525947	0.773139	-1.29343	0.19594	0.852421	-1.17313	0.774223	0.966976	-1.03415	2.57917	0.556876	0.191922	1
cg09712066	PART1;PART1;PDE4D;PART1	0.0983931	0.0601954	0.21908	-4.56455	0.0283287	0.156592	-6.38603	0.061287	0.22084	-4.52816	0.335399	0.490901	-2.03707	0.0365405	0.175444	-5.69981	0.0765094	0.243824	-4.10131	0.0278355	0.155365	-6.43645	0.238519	0.413023	-2.42117	0.243137	0.41694	-2.39843	2.57916	20.9563	7.22242	1
cg22979422	CS	0.0983949	0.463963	0.796594	-1.25534	0.715486	1.11816	1.11816	0.464566	1.25495	1.25495	0.0478533	1.99413	1.99413	0.248236	0.691938	-1.44522	0.0136081	0.39403	-2.53788	0.139107	0.615266	-1.62531	0.9862	0.994737	-1.00529	0.56138	1.19622	1.19622	2.57914	3.8021	1.31037	1
cg17389077	DOCK1	0.0983956	0.932362	0.959996	-1.04167	0.00610266	5.59322	5.59322	0.316576	1.64538	1.64538	0.294609	0.592866	-1.68672	0.98977	0.993853	-1.00619	0.338061	1.60797	1.60797	0.0928219	2.43367	2.43367	0.27996	1.7163	1.7163	0.306314	0.600864	-1.66427	2.57914	9.44847	3.25638	1
cg05320369	DERL1;DERL1;DERL1;DERL1	0.0983982	0.11294	0.67807	-1.47477	0.501977	1.16584	1.16584	0.745904	1.07596	1.07596	0.355891	0.807477	-1.23843	0.993156	0.99807	-1.00193	0.0685106	0.631786	-1.58281	0.0060274	0.445784	-2.24324	0.445705	1.1913	1.1913	0.871712	0.964263	-1.03706	2.57911	2.07122	0.713846	1
cg06820286	EWSR1;RHBDD3;EWSR1;EWSR1;EWSR1;EWSR1;EWSR1;EWSR1;EWSR1;EWSR1;EWSR1	0.0983993	0.110544	1.18126	1.18126	0.014853	0.750471	-1.3325	0.835517	0.98028	-1.02012	0.521716	0.939685	-1.06419	0.436124	1.07908	1.07908	0.809871	1.02336	1.02336	0.0254472	0.775372	-1.2897	0.464718	0.931201	-1.07388	0.638708	0.955709	-1.04634	2.57909	0.374851	0.129193	1
cg13600781	PFDN6;WDR46;WDR46	0.0984023	0.0759448	0.715498	-1.39763	0.95678	1.00923	1.00923	0.323704	1.18859	1.18859	0.0319821	0.653151	-1.53104	0.100233	0.736933	-1.35698	0.976108	0.994937	-1.00509	0.0223154	0.628668	-1.59066	0.0995942	0.736429	-1.3579	0.613013	0.91718	-1.0903	2.57906	1.17362	0.404494	1
cg21664443	MIR502;CLCN5;CLCN5;MIR660	0.0984042	0.490375	0.701692	-1.42513	0.221508	0.522159	-1.91513	0.243597	0.539596	-1.85324	0.0868928	0.384403	-2.60144	0.00777615	0.177611	-5.63027	0.280033	1.76444	1.76444	0.0712661	0.361047	-2.76972	0.200654	0.504857	-1.98076	0.222202	0.52272	-1.91307	2.57904	10.444	3.59963	1
cg00844277	SERPINF1	0.098405	0.570308	1.07668	1.07668	0.329366	0.878392	-1.13844	0.855188	1.02381	1.02381	0.638957	1.06276	1.06276	0.306198	0.872442	-1.14621	0.0317364	1.38306	1.38306	0.00952221	1.52658	1.52658	0.177302	1.20285	1.20285	0.461969	1.10126	1.10126	2.57903	0.677691	0.233573	1
cg16862821	BRD2;BRD2	0.0984072	0.260555	1.13415	1.13415	0.00675237	0.686115	-1.45748	0.35413	0.902788	-1.10768	0.139507	0.843173	-1.186	0.98495	1.00203	1.00203	0.107496	0.828247	-1.20737	0.371841	1.10336	1.10336	0.606801	0.945833	-1.05727	0.688155	1.04423	1.04423	2.57901	0.47005	0.162009	1
cg13267264	PRDM14	0.0984085	0.825592	0.794805	-1.25817	0.613883	1.69794	1.69794	0.125893	5.60327	5.60327	0.645058	0.61713	-1.6204	0.643951	0.616119	-1.62306	0.557254	0.539182	-1.85466	0.823333	0.792398	-1.26199	0.00287283	71.3289	71.3289	0.720145	1.45407	1.45407	2.57899	44.2308	15.2448	1
cg15960924	GPD1L	0.0984087	0.0616425	0.21108	-4.73754	0.310044	0.460139	-2.17326	0.724968	0.77026	-1.29826	0.353717	0.494058	-2.02406	0.0205657	0.127263	-7.85773	0.0776405	0.234745	-4.25994	0.0169341	0.116196	-8.60615	0.0479359	0.188066	-5.31727	0.371446	0.507561	-1.97021	2.57899	22.304	7.68742	1
cg16806213	KIAA0528	0.0984109	0.459273	1.22168	1.22168	0.0435768	0.539779	-1.85261	0.214367	0.706554	-1.41532	0.252356	1.37399	1.37399	0.335891	1.30171	1.30171	0.403303	0.796716	-1.25515	0.0244244	2.03916	2.03916	0.852677	1.05064	1.05064	0.229136	0.715094	-1.39842	2.57896	2.88402	0.994034	1
cg23055276	PRAM1	0.0984121	0.251632	0.604225	-1.65501	0.218582	0.580219	-1.72349	0.24505	0.599591	-1.6678	0.126945	0.49937	-2.00252	0.0203596	0.308447	-3.24205	0.223065	0.58359	-1.71353	0.062972	0.414819	-2.41069	0.00911464	0.248183	-4.02929	0.144223	0.516914	-1.93456	2.57895	7.22769	2.49117	1
cg18748085	CDH12	0.0984133	0.875106	0.952114	-1.05029	0.701915	1.12746	1.12746	0.0997767	0.569657	-1.75544	0.082979	0.549434	-1.82005	0.163444	0.62876	-1.59043	0.0319375	0.456477	-2.19069	0.457161	0.789604	-1.26646	0.126629	1.67446	1.67446	0.0495138	0.496997	-2.01208	2.57894	3.97527	1.37017	1
cg07308824	HECA	0.0984152	0.938847	1.01197	1.01197	0.0167239	1.57286	1.57286	0.0413433	1.44033	1.44033	0.314186	1.17515	1.17515	0.105143	1.31594	1.31594	0.251059	1.20436	1.20436	0.863597	0.97369	-1.02702	0.10755	0.761601	-1.31302	0.792942	1.04163	1.04163	2.57892	0.982021	0.338479	1
cg02251742	KCNAB1;KCNAB1;KCNAB1;KCNAB1	0.0984171	0.751651	1.06104	1.06104	0.00740793	1.90374	1.90374	0.810116	1.04595	1.04595	0.804451	1.04738	1.04738	0.91187	0.97955	-1.02088	0.16946	0.760979	-1.3141	0.0756486	0.691399	-1.44634	0.859491	1.03362	1.03362	0.219393	1.27256	1.27256	2.57889	1.42252	0.490311	1
cg06650206	PDE10A;PDE10A	0.0984179	0.133032	0.605688	-1.65101	0.120437	0.593876	-1.68385	0.0711874	0.536076	-1.86541	0.367028	0.750756	-1.33199	0.00466952	0.312349	-3.20154	0.493673	1.23991	1.23991	0.337458	0.736443	-1.35788	0.772227	0.914124	-1.09394	0.325184	0.730305	-1.36929	2.57888	3.90891	1.34732	1
cg25169926	PITPNC1;PITPNC1	0.0984196	0.228523	1.1905	1.1905	0.014101	1.51896	1.51896	0.0733555	1.31717	1.31717	0.22569	1.19189	1.19189	0.131292	1.25205	1.25205	0.0123917	1.53648	1.53648	0.096672	1.2861	1.2861	0.514261	1.09555	1.09555	0.397654	1.12692	1.12692	2.57887	0.777495	0.267989	1
cg01963240	BMP4;BMP4;BMP4	0.0984197	0.224134	0.799365	-1.25099	0.00398453	1.9715	1.9715	0.679362	1.07561	1.07561	0.246838	0.80868	-1.23658	0.724488	0.939829	-1.06402	0.48509	0.883022	-1.13247	0.368603	1.17579	1.17579	0.883334	0.974579	-1.02608	0.95998	1.00884	1.00884	2.57887	1.25598	0.432913	1
cg04141141	PPAP2A;PPAP2A	0.0984205	0.392166	0.730602	-1.36873	0.338969	0.702649	-1.42319	0.0213649	0.371481	-2.69192	0.0314207	0.405072	-2.4687	0.387714	1.37299	1.37299	0.591082	1.21433	1.21433	0.246446	1.54338	1.54338	0.0810753	0.500313	-1.99875	0.60157	0.828094	-1.20759	2.57886	5.23613	1.80481	1
cg04994447	ATG9B	0.0984205	0.016491	0.213668	-4.68016	0.0937174	0.378711	-2.64054	0.267037	0.543822	-1.83884	0.63649	0.778189	-1.28503	0.123753	0.415541	-2.4065	0.588256	0.749814	-1.33366	0.0235106	0.240465	-4.15861	0.0300253	0.260673	-3.83622	0.150753	0.444307	-2.2507	2.57886	11.334	3.90665	1
cg01448944	TEAD3	0.0984249	0.0419357	0.521748	-1.91663	0.542521	0.842757	-1.18658	0.044429	0.526968	-1.89765	0.363056	0.7715	-1.29618	0.00980776	0.404122	-2.4745	0.0809559	0.584495	-1.71088	0.154076	0.654793	-1.5272	0.924177	1.02677	1.02677	0.165857	0.66359	-1.50696	2.57881	3.14543	1.0842	1
ch.16.192535R	CREBBP;CREBBP	0.0984272	0.307671	0.720684	-1.38757	0.0637326	1.90892	1.90892	0.0371545	0.472117	-2.11812	0.762638	0.91032	-1.09852	0.495941	1.23919	1.23919	0.361085	1.33807	1.33807	0.0826509	0.550886	-1.81526	0.910934	0.965885	-1.03532	0.0702561	0.533813	-1.87332	2.57878	3.9299	1.35461	1
cg15457037	DNAJC5	0.0984278	0.986107	1.01119	1.01119	0.172716	2.52717	2.52717	0.835379	0.875516	-1.14218	0.953761	1.03774	1.03774	0.00640138	0.10369	-9.6441	0.45723	0.616511	-1.62203	0.0550187	0.249079	-4.01478	0.962551	0.970448	-1.03045	0.180846	0.403444	-2.47866	2.57877	16.6702	5.74614	1
cg09661337	TAOK2;TAOK2	0.0984286	0.251849	0.723531	-1.38211	0.0303402	1.99015	1.99015	0.0274274	2.02438	2.02438	0.407346	0.795225	-1.25751	0.584854	1.16083	1.16083	0.225187	0.708671	-1.41109	0.745342	1.0921	1.0921	0.795942	1.07257	1.07257	0.0949006	1.6424	1.6424	2.57876	2.98481	1.02885	1
cg00469356	TTC17	0.0984291	0.0468619	0.694214	-1.44048	0.701825	0.94016	-1.06365	0.96642	0.99327	-1.00678	0.893667	1.02168	1.02168	0.931868	1.01381	1.01381	0.431155	0.879077	-1.13756	0.00438711	0.543223	-1.84087	0.661031	0.931668	-1.07334	0.282945	1.19597	1.19597	2.57876	1.05087	0.362232	1
cg22687081	EP400NL	0.0984302	0.824424	0.938155	-1.06592	0.0659538	0.55283	-1.80887	0.0965059	0.591987	-1.68923	0.619712	0.866121	-1.15457	0.0368855	0.498352	-2.00661	0.0302213	0.480889	-2.07948	0.0833655	0.576555	-1.73444	0.313254	0.741066	-1.34941	0.021582	0.452588	-2.20951	2.57875	3.37131	1.16208	1
cg00079224	TAOK2;TAOK2	0.0984319	0.5078	0.89062	-1.12281	0.109978	0.74055	-1.35035	0.870023	1.02864	1.02864	0.218784	1.24981	1.24981	0.979698	1.0044	1.0044	0.0324817	1.53967	1.53967	0.021496	1.60988	1.60988	0.927355	0.984401	-1.01585	0.310764	0.83459	-1.19819	2.57873	1.21397	0.418457	1
cg03719283	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.0984371	0.0270449	0.142047	-7.03992	0.047953	0.185309	-5.3964	0.320923	0.465525	-2.14811	0.505088	0.603969	-1.65571	0.0323558	0.154416	-6.47602	0.372504	0.505297	-1.97903	0.020052	0.12346	-8.0998	0.170719	0.33702	-2.96719	0.0897688	0.247977	-4.03264	2.57867	22.7017	7.82548	1
cg03042281	SLC27A1	0.0984404	0.93139	0.978159	-1.02233	0.0309141	1.91529	1.91529	0.204595	1.40958	1.40958	0.104053	1.57741	1.57741	0.151574	1.48295	1.48295	0.04535	1.80171	1.80171	0.0200183	2.05404	2.05404	0.1383	1.50566	1.50566	0.0702695	1.68022	1.68022	2.57863	2.68597	0.92589	1
cg08680764	ZNF565;ZNF146;ZNF146;ZNF146;ZNF146;ZNF146;ZNF565;ZNF146	0.0984409	0.0033761	0.638029	-1.56733	0.291887	0.884024	-1.13119	0.993849	1.00087	1.00087	0.0497493	0.777019	-1.28697	0.740718	0.96326	-1.03814	0.941654	1.00829	1.00829	0.273124	0.879359	-1.13719	0.247021	0.872457	-1.14619	0.230161	0.8677	-1.15247	2.57863	0.518909	0.178875	1
cg07879319	FAM116A	0.0984419	0.446038	1.21415	1.21415	0.66413	1.11532	1.11532	0.0780177	1.63097	1.63097	0.148061	0.678666	-1.47348	0.668895	0.898101	-1.11346	0.0712714	1.65414	1.65414	0.0292619	0.526449	-1.89952	0.559278	0.862856	-1.15894	0.24413	1.35582	1.35582	2.57861	2.54861	0.878546	1
cg13426876	IGSF21	0.098443	0.203567	1.44984	1.44984	0.0383957	1.94264	1.94264	0.456161	0.810529	-1.23376	0.106773	0.614219	-1.62808	0.833016	1.06018	1.06018	0.178601	1.4852	1.4852	0.0231572	2.12013	2.12013	0.227292	1.42025	1.42025	0.909484	1.03198	1.03198	2.5786	3.12882	1.07856	1
cg22129241	SNORD38A;RPS8;SNORD38B	0.0984432	0.0793767	0.617369	-1.61978	0.0364756	0.547683	-1.82587	0.753954	1.08098	1.08098	0.98073	0.994036	-1.006	0.133869	0.670059	-1.49241	0.0747854	0.611703	-1.63478	0.941622	1.0183	1.0183	0.0202198	0.499796	-2.00082	0.0736519	0.610261	-1.63864	2.5786	2.50487	0.863474	1
cg21786334	C1orf85	0.0984465	0.0135152	0.625948	-1.59758	0.0187321	1.5474	1.5474	0.861595	1.0271	1.0271	0.45022	0.888781	-1.12514	0.492118	0.898598	-1.11285	0.832361	0.968038	-1.03302	0.835088	0.968558	-1.03246	0.741844	0.950603	-1.05196	0.345452	1.16057	1.16057	2.57856	0.959101	0.330624	1
cg12257170	DOT1L	0.0984482	0.638929	0.786457	-1.27153	0.139727	2.24291	2.24291	0.456213	1.47069	1.47069	0.652763	1.25887	1.25887	0.00974133	0.189793	-5.26889	0.0484239	0.317837	-3.14627	0.419211	0.657344	-1.52127	0.9047	1.06277	1.06277	0.346183	0.610719	-1.63742	2.57854	10.5519	3.63749	1
cg23098912	WSCD1	0.0984495	0.557399	1.23098	1.23098	0.0127276	2.95695	2.95695	0.0261687	2.51922	2.51922	0.379605	0.729306	-1.37117	0.41173	1.34171	1.34171	0.724157	0.883298	-1.13212	0.755198	1.11576	1.11576	0.0488414	2.19867	2.19867	0.383523	1.36744	1.36744	2.57853	5.00882	1.72668	1
cg07098966	NEK9;NEK9	0.0984503	0.0157695	0.307015	-3.25717	0.111419	1.99797	1.99797	0.178963	1.76811	1.76811	0.33207	1.49099	1.49099	?	?	?	0.223284	1.6666	1.6666	0.353878	0.683347	-1.46338	0.482456	1.3297	1.3297	0.650105	1.19996	1.19996	2.60708	5.84819	2.24319	1
cg04896381	TBKBP1	0.0984516	0.110538	0.554459	-1.80356	0.115127	0.559338	-1.78783	0.446192	0.768476	-1.30128	0.00603662	0.296272	-3.37527	0.505498	0.795215	-1.25752	0.11984	0.564207	-1.7724	0.0695961	0.502432	-1.99032	0.885554	1.05006	1.05006	0.641774	1.17222	1.17222	2.57851	4.69725	1.61928	1
cg22923523	TMEM160	0.0984522	0.912875	0.963321	-1.03808	0.172573	1.64157	1.64157	0.155582	1.68002	1.68002	0.568591	0.8214	-1.21743	0.00542416	0.286685	-3.48815	0.598677	1.19882	1.19882	0.662127	1.16199	1.16199	0.513254	1.25405	1.25405	0.458743	0.772911	-1.29381	2.5785	4.76074	1.64117	1
cg06465315	BATF2	0.0984549	0.30218	0.472245	-2.11754	0.982332	1.01566	1.01566	0.344237	0.50467	-1.98149	0.187532	2.66551	2.66551	0.907848	1.08467	1.08467	0.202677	2.57032	2.57032	0.00730999	0.0882396	-11.3328	0.782548	1.21434	1.21434	0.135798	0.323575	-3.09048	2.57847	20.1198	6.93599	1
cg26684776	RRAGD	0.0984576	0.59146	1.38242	1.38242	0.00650521	8.27988	8.27988	0.0310297	4.54132	4.54132	0.772122	1.18953	1.18953	0.677885	0.779072	-1.28358	0.508647	1.49296	1.49296	0.0907552	3.04582	3.04582	0.127688	2.67628	2.67628	0.291976	1.92229	1.92229	2.57844	14.5888	5.02933	1
cg08035981	PLCZ1;CAPZA3	0.0984614	0.734181	0.885608	-1.12917	0.00772346	0.295311	-3.38626	0.0233146	0.380543	-2.62782	0.956097	0.980569	-1.01982	0.14733	0.574534	-1.74054	0.947537	1.02373	1.02373	0.795148	0.911433	-1.09717	0.751126	1.12009	1.12009	0.10681	0.533897	-1.87302	2.5784	5.18768	1.78843	1
cg23856299	PRAM1	0.0984635	0.193732	0.538591	-1.8567	0.0459229	0.35717	-2.79979	0.161822	0.510569	-1.9586	0.450835	0.707705	-1.41302	0.0109101	0.237417	-4.21199	0.0860103	0.425833	-2.34834	0.0652141	0.393967	-2.53828	0.0437317	0.352324	-2.8383	0.20908	0.551111	-1.81452	2.57837	8.26919	2.85079	1
cg24702147	MIR141;MIR200C	0.0984674	0.447061	1.64117	1.64117	0.0593786	3.89841	3.89841	0.155336	2.64334	2.64334	0.16695	2.56495	2.56495	0.269115	2.08705	2.08705	0.115447	2.98628	2.98628	0.0146396	6.83144	6.83144	0.01753	6.34761	6.34761	0.0870977	3.34599	3.34599	2.57833	16.6884	5.7534	1
cg10913777	UBTD1;MMS19	0.0984677	0.631585	0.928145	-1.07742	0.516544	0.903466	-1.10685	0.207565	1.22767	1.22767	0.0843505	0.744752	-1.34273	0.675039	1.06724	1.06724	0.961673	0.99261	-1.00744	0.181471	0.803365	-1.24476	0.010719	1.64047	1.64047	0.291923	1.18386	1.18386	2.57832	0.972825	0.335386	1
cg25715035	BMP3	0.0984696	0.855487	1.04518	1.04518	0.0533909	1.70221	1.70221	0.0871991	0.632674	-1.58059	0.0773713	0.621296	-1.60954	0.936347	1.01955	1.01955	0.346807	0.790694	-1.26471	0.14117	0.681393	-1.46758	0.113713	0.6589	-1.51768	0.187452	1.40306	1.40306	2.5783	2.39958	0.827272	1
cg12094129	PELI1	0.098473	0.157071	0.588036	-1.70058	0.0067848	0.292002	-3.42464	0.0347467	0.421656	-2.3716	0.956553	1.0193	1.0193	0.382558	0.730375	-1.36916	0.721663	1.13372	1.13372	0.220266	0.636219	-1.57179	0.997384	0.99885	-1.00115	0.504409	1.26831	1.26831	2.57826	5.02702	1.73313	1
cg02073839	KIF25;KIF25	0.098473	0.133616	0.314356	-3.18111	0.00979724	0.096741	-10.3369	0.0563566	0.213207	-4.69028	0.584639	0.673801	-1.48412	0.0665405	0.229557	-4.35622	0.212814	0.391213	-2.55615	0.118874	0.297978	-3.35595	0.0421122	0.187326	-5.33829	0.74782	0.793951	-1.25952	2.57826	20.8905	7.20227	1
cg11049298	HNRNPA0	0.0984734	0.901658	0.971184	-1.02967	0.661874	1.1097	1.1097	0.537009	1.15935	1.15935	0.536469	1.15958	1.15958	0.943307	1.01696	1.01696	0.00249456	0.370154	-2.70158	0.496116	1.17757	1.17757	0.896215	1.03135	1.03135	0.474289	1.18781	1.18781	2.57826	2.28444	0.78759	1
cg07346931	DNAJC22	0.0984748	0.245457	1.4272	1.4272	0.0104601	2.56941	2.56941	0.712386	1.11452	1.11452	0.830384	1.06483	1.06483	0.390218	0.772748	-1.29408	0.122857	0.61294	-1.63148	0.120509	0.610733	-1.63738	0.356828	1.31982	1.31982	0.562595	0.842478	-1.18698	2.57824	3.50098	1.20702	1
cg06894891	TPPP2	0.0984756	0.226804	0.782705	-1.27762	0.560532	1.12034	1.12034	0.853376	1.03636	1.03636	0.674078	0.92158	-1.08509	0.0442628	0.640097	-1.56226	0.380474	1.18968	1.18968	0.00981527	1.87808	1.87808	0.451169	0.862242	-1.15977	0.815103	0.955781	-1.04627	2.57824	1.52211	0.524774	1
cg27472102	E2F7	0.0984775	0.0631686	0.413757	-2.41688	0.0158593	0.287173	-3.48222	0.98917	0.994285	-1.00575	0.23295	0.589695	-1.69579	0.185025	0.552344	-1.81047	0.634157	0.816731	-1.22439	0.0167626	0.291485	-3.43071	0.492804	0.745175	-1.34197	0.0591536	0.406684	-2.45891	2.57821	7.28126	2.51035	1
cg16747643	CECR7	0.0984806	0.133028	0.608092	-1.64449	0.0324148	0.463633	-2.15688	0.234412	0.68212	-1.46602	0.775349	0.915929	-1.09179	0.033646	0.46695	-2.14156	0.151588	0.624039	-1.60246	0.0194461	0.420183	-2.37991	0.0881532	0.561291	-1.78161	0.0754936	0.54482	-1.83547	2.57818	3.84626	1.32609	1
cg14105019	SUSD3	0.0984812	0.0755497	0.36901	-2.70995	0.365994	0.626223	-1.59687	0.0219943	0.250443	-3.99292	0.622435	0.778711	-1.28417	0.0112552	0.201873	-4.95361	0.209256	0.513269	-1.9483	0.0512749	0.326782	-3.06015	0.992623	1.00467	1.00467	0.387863	0.640177	-1.56207	2.57817	10.3697	3.57521	1
cg08674342	LMBRD2;SKP2;SKP2	0.0984824	0.0853866	0.631425	-1.58372	0.867725	0.960501	-1.04112	0.417842	0.818595	-1.22161	0.881949	1.03658	1.03658	0.0814562	0.626935	-1.59506	0.550413	1.15728	1.15728	0.106047	0.652604	-1.53232	0.281434	1.31081	1.31081	0.0255481	1.8993	1.8993	2.57816	2.3868	0.822911	1
cg17961835	ZXDC;ZXDC	0.0984868	0.22843	0.816496	-1.22475	0.0148236	1.61733	1.61733	0.743729	1.05402	1.05402	0.137291	1.29263	1.29263	0.25493	0.826437	-1.21001	0.337745	1.17175	1.17175	0.114183	0.759129	-1.3173	0.406384	0.872648	-1.14594	0.515809	1.11146	1.11146	2.57811	1.05023	0.3621	1
cg04582871	MACROD1	0.0984894	0.556612	1.25995	1.25995	0.398221	1.39954	1.39954	0.468112	0.750587	-1.33229	0.226506	1.63804	1.63804	0.300998	0.659362	-1.51662	0.029927	2.69843	2.69843	0.0247728	2.82538	2.82538	0.143771	1.8412	1.8412	0.061522	2.26718	2.26718	2.57808	6.1667	2.1262	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03902160	PTPRU;PTPRU;PTPRU	0.0984912	0.0341045	33.4752	33.4752	0.799107	1.43631	1.43631	0.109125	11.9468	11.9468	0.15807	8.52182	8.52182	0.393049	0.28875	-3.4632	0.480407	2.76876	2.76876	0.823042	1.37438	1.37438	0.0127889	80.6978	80.6978	0.0684606	18.0997	18.0997	2.57806	82.302	28.3769	1
cg19418318	MYO9B;MYO9B	0.0984913	0.112288	0.368368	-2.71468	0.0370161	0.246874	-4.05065	0.037176	0.247257	-4.04438	0.225746	0.479601	-2.08507	0.0448043	0.264387	-3.78233	0.0301323	0.229254	-4.36198	0.0846393	0.332334	-3.00903	0.984178	0.988612	-1.01152	0.153065	0.41321	-2.42008	2.57806	13.6224	4.69686	1
cg15827214	STMN2	0.0984927	0.0901512	0.277858	-3.59896	0.0195264	0.144363	-6.92696	0.0448054	0.206118	-4.8516	0.439854	0.582636	-1.71634	0.0793558	0.263038	-3.80173	0.116974	0.311066	-3.21475	0.0201642	0.146389	-6.83112	0.260286	0.447019	-2.23704	0.173219	0.370188	-2.70133	2.57804	19.1984	6.61946	1
cg06633889	TSPAN31	0.098493	0.173263	0.738639	-1.35384	0.0132383	1.90009	1.90009	0.25677	1.28077	1.28077	0.539025	0.878072	-1.13886	0.813368	0.951759	-1.05069	0.548202	1.13545	1.13545	0.378909	1.20771	1.20771	0.092544	0.679084	-1.47257	0.167802	1.35981	1.35981	2.57804	1.78461	0.615321	1
cg12779301	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.0984931	0.0875976	0.606902	-1.64771	0.254636	0.729786	-1.37027	0.145035	1.51358	1.51358	0.721525	1.09942	1.09942	0.0494317	0.552224	-1.81086	0.0685535	0.582769	-1.71595	0.0586451	0.567969	-1.76066	0.13418	0.651967	-1.53382	0.76076	1.08424	1.08424	2.57804	2.86373	0.987392	1
cg21660452	NRXN2;NRXN2;NRXN2	0.0984953	0.342232	2.23848	2.23848	0.00364146	25.5099	25.5099	0.0433423	6.77686	6.77686	0.307198	2.38795	2.38795	0.282569	2.50792	2.50792	0.431844	1.93593	1.93593	0.128515	3.86836	3.86836	0.119121	4.02598	4.02598	0.502208	1.75205	1.75205	2.57801	27.6852	9.54575	1
cg23387377	CINP;TECPR2	0.0984954	0.169035	0.548396	-1.8235	0.026105	2.95141	2.95141	0.0150035	3.40725	3.40725	0.364441	1.46535	1.46535	0.495748	0.753083	-1.32787	0.192567	1.76021	1.76021	0.65882	1.19983	1.19983	0.35652	1.47522	1.47522	0.930636	0.964935	-1.03634	2.57801	6.86328	2.36643	1
cg18535437	PPM1A;PPM1A;PPM1A	0.0984957	0.174864	1.87779	1.87779	?	?	?	0.105591	0.346218	-2.88835	?	?	?	?	?	?	0.406905	1.26985	1.26985	?	?	?	?	?	?	0.0558549	0.132843	-7.52766	57.5643	10.073	0.0437468	1
cg19013391	ADCY5	0.0984961	0.314051	1.54821	1.54821	0.0442157	2.6389	2.6389	0.291206	1.58377	1.58377	0.91739	0.957379	-1.04452	0.146794	1.92275	1.92275	0.0919616	2.17888	2.17888	0.00813683	4.14613	4.14613	0.0542075	2.5024	2.5024	0.197893	1.77064	1.77064	2.57801	7.19606	2.48118	1
cg02545222	HELT	0.0984967	0.254403	0.874879	-1.14301	0.228468	1.15254	1.15254	0.342423	0.895954	-1.11613	0.023274	0.737426	-1.35607	0.923681	0.989295	-1.01082	0.347878	1.11467	1.11467	0.0589914	0.787017	-1.27062	0.257334	1.14199	1.14199	0.212978	1.15872	1.15872	2.578	0.515098	0.177605	1
cg04570362	CLSTN1;CLSTN1	0.0984976	0.0871286	0.272535	-3.66926	0.153511	0.349349	-2.86247	0.812152	1.17802	1.17802	0.370419	0.531013	-1.88319	0.032738	0.179194	-5.58053	0.16264	0.358522	-2.78923	0.00945114	0.103988	-9.6165	0.365354	0.527259	-1.8966	0.0712786	0.249976	-4.00039	2.57799	19.3365	6.66721	1
cg16060664	AP3M2;AP3M2	0.0984986	0.296504	1.1818	1.1818	0.672204	0.936433	-1.06788	0.623819	1.07927	1.07927	0.821724	1.03544	1.03544	0.124246	0.773474	-1.29287	0.509162	1.10887	1.10887	0.0039355	0.549543	-1.81969	0.658501	0.933662	-1.07105	0.667986	1.06885	1.06885	2.57798	0.972305	0.335252	1
cg06327746	RIC3;RIC3	0.0984987	0.256232	0.898729	-1.11268	0.0254222	0.787155	-1.2704	0.435015	1.0744	1.0744	0.731126	1.03157	1.03157	0.254271	1.11322	1.11322	0.168798	1.14122	1.14122	0.263105	0.900222	-1.11084	0.0348787	0.801289	-1.24799	0.789898	1.02435	1.02435	2.57798	0.331427	0.114276	1
cg10382060	ROGDI	0.0984993	0.548226	1.1956	1.1956	0.205296	1.48131	1.48131	0.409904	1.2812	1.2812	0.551387	1.19387	1.19387	0.491566	0.814308	-1.22804	0.773727	1.08846	1.08846	0.00455227	0.329187	-3.03779	0.826261	1.06677	1.06677	0.240184	1.43562	1.43562	2.57797	3.53001	1.21716	1
cg13407335	KCNAB3	0.0985012	0.402118	1.76095	1.76095	0.0463035	0.221715	-4.51029	0.142666	2.8286	2.8286	0.0694713	3.8189	3.8189	0.534571	0.660313	-1.51443	0.494499	1.58058	1.58058	0.56335	1.47039	1.47039	0.392267	1.78312	1.78312	0.023177	5.99676	5.99676	2.57795	17.7791	6.13031	1
cg17888232	KIF26B	0.098503	0.903708	1.0355	1.0355	0.0643232	1.82045	1.82045	0.897153	0.963413	-1.03798	0.945384	0.980448	-1.01994	0.00748538	0.37071	-2.69753	0.20058	0.677292	-1.47647	0.606768	0.86102	-1.16141	0.482288	1.22855	1.22855	0.34506	1.32353	1.32353	2.57793	3.39178	1.16951	1
cg15264404	NPFFR2;NPFFR2;NPFFR2	0.098503	0.0186659	0.148626	-6.72828	0.122556	0.326669	-3.06121	0.177265	0.383339	-2.60866	0.145629	0.351803	-2.8425	0.0438075	0.212387	-4.70839	0.0451508	0.215067	-4.64972	0.0258485	0.170471	-5.8661	0.403421	0.564566	-1.77127	0.19562	0.400465	-2.4971	2.57793	18.2536	6.294	1
cg11545314	FAM198A	0.0985058	0.0133328	0.36189	-2.76327	0.958422	0.982864	-1.01743	0.787525	0.914329	-1.0937	0.0583854	0.492099	-2.03211	0.0335316	0.438967	-2.27807	0.875209	0.94923	-1.05349	0.201561	1.5638	1.5638	0.987448	1.00523	1.00523	0.886557	1.04846	1.04846	2.5779	4.48765	1.54739	1
cg27165415	EVI5L;EVI5L	0.0985086	0.943478	0.987036	-1.01313	0.685246	0.927755	-1.07787	0.940929	1.01373	1.01373	0.0200583	1.67579	1.67579	0.0447268	0.654397	-1.52813	0.730084	0.938253	-1.06581	0.397843	1.1727	1.1727	0.0370624	1.56133	1.56133	0.924888	0.982796	-1.0175	2.57786	1.38263	0.476754	1
cg01942719	MIIP	0.09851	0.879819	1.0185	1.0185	0.830914	1.02625	1.02625	0.924972	1.01148	1.01148	0.00925251	0.670195	-1.4921	0.0553008	0.768577	-1.30111	0.84773	0.976979	-1.02356	0.709663	0.9557	-1.04635	0.59654	0.937321	-1.06687	0.0636126	1.28746	1.28746	2.57785	0.599314	0.206654	1
cg15563309	MUM1;MUM1	0.0985103	0.314026	2.28879	2.28879	0.269838	0.40102	-2.49364	0.755807	0.780297	-1.28156	0.611927	1.50208	1.50208	0.00380597	0.044888	-22.2777	0.280591	2.43975	2.43975	0.351959	0.466855	-2.14199	0.452712	0.544254	-1.83738	0.853437	0.863241	-1.15842	2.57785	25.819	8.90286	1
cg07165756	ZDHHC24	0.098511	0.0163884	0.27491	-3.63755	0.388363	1.4757	1.4757	0.926709	0.960312	-1.04133	0.128516	0.485228	-2.06089	0.106064	0.459809	-2.17482	0.14556	0.502658	-1.98942	0.0270607	0.316	-3.16456	0.141254	0.498383	-2.00649	0.312592	0.631431	-1.5837	2.57784	7.90999	2.72752	1
cg00308434	ITGB3BP	0.0985128	0.605062	0.902284	-1.1083	0.684142	0.922546	-1.08396	0.112523	0.711393	-1.40569	0.404224	1.18321	1.18321	0.0046374	0.476003	-2.10083	0.965858	0.991599	-1.00847	0.443363	1.16654	1.16654	0.43983	0.85617	-1.16799	0.108578	0.708225	-1.41198	2.57782	1.58616	0.546942	1
cg05498539	SNCG	0.0985153	0.196937	0.791799	-1.26295	0.74328	0.945311	-1.05785	0.448174	1.14143	1.14143	0.445084	1.1425	1.1425	0.969588	0.993497	-1.00655	0.208143	1.25496	1.25496	0.00431022	1.92152	1.92152	0.649478	0.924686	-1.08145	0.425373	0.869964	-1.14947	2.57779	1.19561	0.412279	1
cg03141298	TMEM71;TMEM71	0.098517	0.0307345	0.134418	-7.43949	0.0566563	0.181572	-5.50747	0.0242514	0.119546	-8.36495	0.0794836	0.214526	-4.66145	0.126146	0.270194	-3.70104	0.120437	0.263945	-3.78866	0.0681155	0.198792	-5.0304	0.10829	0.250209	-3.99666	0.101801	0.242592	-4.12215	2.57777	25.5311	8.80385	1
cg15993354	PRDX2;PRDX2;PRDX2;PRDX2	0.098517	0.219811	1.15115	1.15115	0.472904	0.923443	-1.0829	0.247464	0.87641	-1.14102	0.225768	1.14887	1.14887	0.0105104	0.703799	-1.42086	0.263238	1.13569	1.13569	0.265547	0.881104	-1.13494	0.161799	0.849603	-1.17702	0.720049	0.961498	-1.04004	2.57777	0.485926	0.167561	1
cg01810593	KIAA1967;KIAA1967	0.0985192	0.517435	1.18715	1.18715	0.114345	0.638292	-1.56668	0.0227847	0.490471	-2.03886	0.478838	0.828444	-1.20708	0.120296	1.55351	1.55351	0.642036	1.13018	1.13018	0.464153	0.823026	-1.21503	0.143952	0.663393	-1.5074	0.053101	0.562984	-1.77625	2.57774	2.78987	0.962035	1
cg08558340	SRRT;SRRT;SRRT;SRRT	0.0985206	0.856029	0.943836	-1.05951	0.0845895	0.544916	-1.83515	0.188332	1.55838	1.55838	0.96348	1.01468	1.01468	0.284336	0.701892	-1.42472	0.0738844	0.530437	-1.88524	0.0719761	0.527689	-1.89506	0.0181719	0.401393	-2.49132	0.636614	1.16353	1.16353	2.57773	4.13546	1.42605	1
cg01189926	MYLK4	0.0985212	0.960359	1.0197	1.0197	0.00941162	3.63977	3.63977	0.00937295	3.64362	3.64362	0.978388	0.989425	-1.01069	0.767748	1.12325	1.12325	0.907459	1.0467	1.0467	0.14846	1.83728	1.83728	0.545375	1.27149	1.27149	0.549124	1.26858	1.26858	2.57772	6.28818	2.16839	1
cg06623486	UAP1	0.0985231	0.264696	0.862513	-1.1594	0.703346	1.04988	1.04988	0.121635	1.23801	1.23801	0.783916	0.965631	-1.03559	0.848503	0.975961	-1.02463	0.697649	0.951541	-1.05093	0.0335976	0.729197	-1.37137	0.0482656	1.33264	1.33264	0.074068	1.28824	1.28824	2.5777	0.66088	0.227896	1
cg13600149	FANCC	0.0985238	0.292922	0.820911	-1.21816	0.867909	1.03056	1.03056	0.119768	1.35702	1.35702	0.18136	1.29258	1.29258	0.0290748	1.59242	1.59242	0.879861	0.973015	-1.02773	0.100741	0.722425	-1.38423	0.1013	0.722882	-1.38335	0.508649	0.885793	-1.12893	2.57769	1.3355	0.460532	1
cg16527108	JAKMIP1;JAKMIP1	0.0985238	0.0705578	0.553163	-1.80779	0.762881	1.0927	1.0927	0.359149	0.758626	-1.31817	0.567133	1.18469	1.18469	0.00432966	0.32717	-3.05651	0.440476	1.25921	1.25921	0.271474	0.715046	-1.39851	0.930247	0.974675	-1.02598	0.964515	0.98705	-1.01312	2.57769	3.50446	1.20848	1
cg01178486	TAF9;RAD17;TAF9;TAF9;RAD17;RAD17;RAD17;TAF9	0.0985251	?	?	?	0.0851328	3.16752	3.16752	0.131148	2.68368	2.68368	0.0249702	0.198746	-5.03155	0.257565	0.488893	-2.04544	0.291479	0.515316	-1.94056	0.99688	1.00237	1.00237	0.338964	1.81661	1.81661	0.421054	1.64518	1.64518	2.60622	13.4598	5.1645	1
cg07002201	FUT9	0.0985253	0.521555	1.05524	1.05524	0.34738	1.08359	1.08359	0.133551	1.14482	1.14482	0.197165	1.12029	1.12029	0.370908	0.926631	-1.07918	0.0952759	1.16606	1.16606	0.0506268	1.20659	1.20659	0.0447661	0.823268	-1.21467	0.153544	1.13605	1.13605	2.74334	0.290202	0.0822765	1
cg15912778	VSX2	0.0985255	0.00321953	0.154424	-6.47569	0.387894	1.50869	1.50869	0.215871	0.545938	-1.83171	0.561319	1.31381	1.31381	0.637699	1.2466	1.2466	0.679625	1.21285	1.21285	0.852029	0.916887	-1.09065	0.761804	1.15173	1.15173	0.355301	0.64284	-1.5556	2.57767	8.81548	3.03994	1
cg02950886	SIGIRR;SIGIRR	0.0985282	0.0336365	2.82368	2.82368	0.151308	1.90258	1.90258	0.0232453	3.11034	3.11034	0.541531	1.29502	1.29502	0.391023	1.44434	1.44434	0.0525144	2.5149	2.5149	0.0672481	2.35824	2.35824	0.0368038	2.75828	2.75828	0.990471	1.00501	1.00501	2.57764	7.14395	2.46356	1
cg10362211	RHPN2	0.0985287	0.272338	0.669055	-1.49465	0.261859	0.66263	-1.50914	0.0649339	0.482369	-2.0731	0.813073	0.920055	-1.08689	0.0103498	0.321088	-3.11441	0.22552	0.63909	-1.56473	0.0130651	0.338591	-2.95341	0.886584	0.951041	-1.05148	0.441629	0.758826	-1.31783	2.57764	5.05092	1.74179	1
cg10552126	DPP6;DPP6;DPP6	0.0985301	0.315595	0.133998	-7.46279	0.218812	12.3277	12.3277	0.400654	5.27948	5.27948	0.731307	0.514442	-1.94385	?	?	?	0.234877	0.0892008	-11.2107	?	?	?	0.0113583	562.703	562.703	0.480053	0.24983	-4.00273	2.8045	125.601	44.7855	1
cg05043910	LYG2	0.0985313	0.0867511	0.320973	-3.11553	0.0808342	0.312552	-3.19947	0.233419	0.472132	-2.11805	0.403045	0.59807	-1.67204	0.00554322	0.111998	-8.92875	0.119918	0.362951	-2.7552	0.778857	0.844415	-1.18425	0.213198	0.454993	-2.19784	0.0588955	0.277611	-3.60217	2.57761	14.7314	5.08013	1
cg00754357	ZCCHC11;ZCCHC11;ZCCHC11	0.0985315	0.0892726	0.401002	-2.49376	0.0350872	0.302005	-3.3112	0.602741	0.774084	-1.29185	0.747739	0.854388	-1.17043	0.054237	0.344607	-2.90186	0.150942	0.472076	-2.1183	0.015427	0.234687	-4.26099	0.055004	0.346076	-2.88954	0.133204	0.453853	-2.20336	2.57761	9.7089	3.34812	1
cg21141047	TBX19	0.0985319	0.0310589	0.634581	-1.57584	0.344527	0.839505	-1.19118	0.83966	0.964254	-1.03707	0.948545	1.01166	1.01166	0.0108221	0.562653	-1.7773	0.838707	0.964042	-1.0373	0.113794	1.36225	1.36225	0.317726	0.830633	-1.2039	0.370881	0.847813	-1.17951	2.5776	1.31795	0.454498	1
cg05580141	C12orf41	0.098532	0.106691	0.523275	-1.91104	0.356936	1.41676	1.41676	0.524646	0.788948	-1.26751	0.626077	0.834808	-1.19788	0.0167885	0.341965	-2.92427	0.214585	0.61854	-1.61671	0.0525082	0.444576	-2.24933	0.869318	1.06241	1.06241	0.0330208	0.399864	-2.50085	2.5776	5.51914	1.90328	1
cg17326173	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PCDHA4;PCDHA5;PCDHA5	0.0985328	0.0240871	2.51753	2.51753	0.0711846	1.99707	1.99707	0.330455	1.41149	1.41149	0.425245	1.3224	1.3224	0.0157688	2.76013	2.76013	0.106984	1.82926	1.82926	0.0437227	2.2159	2.2159	0.134192	1.74075	1.74075	0.158139	1.6784	1.6784	2.57759	4.80837	1.65818	1
cg20708856	ATP11A;ATP11A	0.0985335	0.0684024	0.280824	-3.56095	0.1506	0.383264	-2.60917	0.148865	0.381474	-2.62141	0.222061	0.449844	-2.22299	0.0238834	0.186757	-5.35455	0.0904617	0.313103	-3.19383	0.0145179	0.15345	-6.51678	0.113375	0.342168	-2.92254	0.0965727	0.321223	-3.1131	2.57758	15.8185	5.45506	1
cg04474257	SLC7A11	0.098534	0.394656	0.69654	-1.43567	0.628715	0.817008	-1.22398	0.0861863	0.455486	-2.19546	0.273373	0.623239	-1.60452	0.142139	0.519659	-1.92434	0.306969	0.644881	-1.55067	0.0984331	0.471547	-2.12068	0.0160063	3.3978	3.3978	0.930742	1.03671	1.03671	2.57758	7.02385	2.4222	1
cg01270593	ABHD12B;ABHD12B	0.0985348	0.145251	7.71095	7.71095	0.528369	2.30304	2.30304	0.464485	2.64396	2.64396	0.730619	1.57046	1.57046	0.326116	0.26605	-3.75869	0.816132	1.35552	1.35552	0.00763027	88.2099	88.2099	0.0483104	19.0448	19.0448	0.0761552	13.1582	13.1582	2.57757	69.6256	24.0108	1
cg05937781	FRMD1;FRMD1	0.0985374	0.788978	0.926304	-1.07956	0.0309718	0.485373	-2.06027	0.267954	0.71942	-1.39001	0.94559	0.980711	-1.01967	0.208799	1.45953	1.45953	0.839113	0.943636	-1.05973	0.0157192	2.32754	2.32754	0.68882	0.891474	-1.12174	0.311826	1.34796	1.34796	2.57754	3.32466	1.14654	1
cg26371731	MIR9-1;C1orf61	0.0985379	0.005782	0.507334	-1.97109	0.657371	0.919639	-1.08738	0.74726	1.06256	1.06256	0.891975	1.02583	1.02583	0.0306159	0.620834	-1.61074	0.734439	1.06598	1.06598	0.409624	1.17146	1.17146	0.452751	0.866279	-1.15436	0.83614	1.03963	1.03963	2.57753	1.43771	0.495807	1
cg05665136	TRIM23;C5orf44;TRIM23;TRIM23;C5orf44;C5orf44;C5orf44	0.0985395	0.510632	0.854528	-1.17024	0.0112282	0.473113	-2.11366	0.244684	0.750725	-1.33205	0.0654032	1.62783	1.62783	0.206096	0.730363	-1.36918	0.341827	0.793939	-1.25954	0.115573	0.668301	-1.49633	0.229365	0.742928	-1.34603	0.862915	0.960102	-1.04156	2.57752	2.26579	0.781387	1
cg26255089	FLNC;FLNC	0.0985411	0.511046	0.726446	-1.37656	0.0257401	0.280885	-3.56018	0.0291846	0.291669	-3.42854	0.697577	1.20589	1.20589	0.251279	0.562896	-1.77653	0.717611	1.1902	1.1902	0.0141883	0.234411	-4.26602	0.495772	0.717782	-1.39318	0.348636	0.629644	-1.5882	2.5775	9.38303	3.23588	1
cg20355598	ANKS1A	0.0985421	0.128368	0.74768	-1.33747	0.708468	0.935709	-1.06871	0.0517847	0.676	-1.47929	0.0643804	0.692377	-1.4443	0.0160856	0.593856	-1.68391	0.312629	0.831288	-1.20295	0.860542	1.0316	1.0316	0.972258	1.00617	1.00617	0.0285278	0.633062	-1.57962	2.57749	1.27767	0.440624	1
cg18110483	THBS4	0.0985422	0.469439	0.711529	-1.40543	0.0332473	0.316361	-3.16094	0.996732	1.0019	1.0019	0.440739	1.43846	1.43846	0.00748477	0.203483	-4.9144	0.833922	0.90747	-1.10196	0.111986	0.449176	-2.2263	0.148187	0.488067	-2.0489	0.849977	0.916158	-1.09151	2.57749	8.72974	3.0106	1
cg10502563	EGFL8	0.0985432	0.440653	1.2547	1.2547	0.0140411	2.39892	2.39892	0.698564	0.893789	-1.11883	0.256663	1.40722	1.40722	0.916942	0.970349	-1.03056	0.310534	1.3536	1.3536	0.00873285	2.62222	2.62222	0.155635	1.55019	1.55019	0.411957	1.27387	1.27387	2.57747	3.39868	1.1721	1
cg24204847	EEF2	0.0985433	0.70793	1.15937	1.15937	0.0217239	2.95232	2.95232	0.129532	1.90323	1.90323	0.364864	0.693606	-1.44174	0.0541575	0.423699	-2.36017	0.402364	0.714086	-1.40039	0.761877	0.887439	-1.12684	0.217599	1.66473	1.66473	0.315639	0.665193	-1.50332	2.57747	6.30255	2.17355	1
cg26243551	SFRS18;SFRS18	0.0985435	0.103245	1.6353	1.6353	0.307507	0.747127	-1.33846	0.811617	1.06811	1.06811	0.828677	1.06163	1.06163	0.200285	1.45261	1.45261	0.00552356	2.73583	2.73583	0.719562	0.90529	-1.10462	0.226675	1.4195	1.4195	0.139244	1.55142	1.55142	2.57747	3.10897	1.07218	1
cg21932190	CDK11A;CDK11B;CDK11B;CDK11B;CDK11B;CDK11A;CDK11B;CDK11B	0.0985485	0.896257	1.03197	1.03197	0.961039	1.01185	1.01185	0.0707842	0.614456	-1.62746	0.972406	1.00838	1.00838	0.897012	1.03173	1.03173	0.264391	1.32395	1.32395	0.00455295	0.401904	-2.48816	0.933677	0.980123	-1.02028	0.453255	1.20238	1.20238	2.57742	2.37537	0.819208	1
cg02408775	HDAC7;HDAC7	0.0985485	0.42661	0.534702	-1.8702	0.593413	0.659936	-1.5153	0.814949	0.834591	-1.19819	0.0630737	0.199403	-5.01496	0.0647099	0.201869	-4.95371	0.771667	0.798988	-1.25158	0.0139383	0.0960976	-10.4061	0.208242	0.359436	-2.78213	0.110103	3.83069	3.83069	2.57741	24.2794	8.37338	1
cg15940800	ACTA2	0.0985502	0.246073	0.729532	-1.37074	0.20187	1.41952	1.41952	0.739439	0.916888	-1.09065	0.245039	1.37178	1.37178	0.0054959	0.387161	-2.58291	0.464801	1.21336	1.21336	0.4416	0.81548	-1.22627	0.325715	0.768133	-1.30186	0.915419	0.972761	-1.028	2.5774	2.75853	0.951359	1
cg19958057	MET;MET;MET;MET	0.0985551	0.351644	0.883521	-1.13183	0.913101	0.985996	-1.0142	0.116655	1.24638	1.24638	0.286267	1.15381	1.15381	0.681689	1.05473	1.05473	0.941447	0.990554	-1.00954	0.0154733	0.681295	-1.46779	0.0434669	1.34985	1.34985	0.534889	1.08458	1.08458	2.57734	0.681342	0.234985	1
cg27635271	SNX33	0.0985556	0.0568033	0.445884	-2.24274	0.046906	0.426459	-2.34489	0.163452	0.572797	-1.74582	0.203451	0.604755	-1.65356	0.113453	0.524497	-1.90659	0.506526	0.776853	-1.28724	0.00709591	0.271651	-3.68119	0.877647	0.943914	-1.05942	0.139191	0.550844	-1.8154	2.57734	5.72968	1.97609	1
cg14490686	HLA-DOA	0.0985557	0.61319	0.745668	-1.34108	0.736398	0.823239	-1.21471	0.0235653	0.21083	-4.74317	0.079923	0.326718	-3.06074	0.373403	0.590933	-1.69224	0.161661	0.422995	-2.36409	0.113743	0.371325	-2.69306	0.00732016	0.136605	-7.32037	0.783902	0.853628	-1.17147	2.57733	13.5291	4.66601	1
cg03527919	FAT4	0.098556	0.254128	0.855708	-1.16862	0.833774	0.972875	-1.02788	0.14515	0.814869	-1.22719	0.0129919	0.668074	-1.49684	0.0445182	1.35243	1.35243	0.846378	1.02571	1.02571	0.354443	1.13276	1.13276	0.680019	0.947177	-1.05577	0.705571	1.05092	1.05092	2.57733	0.698954	0.24106	1
cg24033471	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.0985574	0.0322764	0.491316	-2.03535	0.809155	0.933714	-1.07099	0.0235105	0.464463	-2.15302	0.0875217	0.585872	-1.70686	0.0329037	0.49299	-2.02844	0.399046	0.782918	-1.27727	0.296213	1.35936	1.35936	0.629608	0.87132	-1.14768	0.485109	0.817846	-1.22272	2.57732	3.27967	1.13112	1
cg07749724	NCAM1;NCAM1;NCAM1	0.0985574	0.00978437	0.399511	-2.50306	0.177406	0.668541	-1.49579	0.159319	0.655425	-1.52573	0.39769	0.784078	-1.27538	0.109296	1.63309	1.63309	0.837508	0.94395	-1.05938	0.494381	1.21522	1.21522	0.624057	1.14884	1.14884	0.402731	1.27193	1.27193	2.57732	3.22066	1.11077	1
cg00321931	HMGB2;HMGB2;HMGB2;HMGB2	0.0985608	0.720401	1.04442	1.04442	0.0703828	1.27704	1.27704	0.120337	1.22597	1.22597	0.710816	0.955968	-1.04606	0.938904	0.990774	-1.00931	0.312207	0.881256	-1.13474	0.0087652	0.667857	-1.49733	0.760259	1.0377	1.0377	0.781254	1.03423	1.03423	2.57728	0.596778	0.205826	1
cg07157506	PTPN2;PTPN2;PTPN2	0.0985617	0.155217	1.17634	1.17634	0.578464	0.94183	-1.06176	0.0553344	1.26103	1.26103	0.946793	1.00715	1.00715	0.0154649	1.37327	1.37327	0.0976471	1.21416	1.21416	0.337781	1.11128	1.11128	0.690346	0.958144	-1.04368	0.195057	0.863862	-1.15759	2.57727	0.465364	0.160502	1
cg05638165	KIAA1614	0.0985623	0.0773567	0.360549	-2.77355	0.377985	0.625026	-1.59993	0.681488	0.807018	-1.23913	0.775428	1.16021	1.16021	0.00309276	0.12205	-8.19335	0.793187	1.14627	1.14627	0.616134	1.30033	1.30033	0.557055	0.734506	-1.36146	0.310259	0.579559	-1.72545	2.57726	11.0179	3.80003	1
cg06053110	MAGED1;MAGED1;MAGED1	0.0985638	0.2036	0.362537	-2.75834	0.72996	1.29953	1.29953	0.842628	0.860452	-1.16218	0.116454	3.63205	3.63205	0.149414	3.21811	3.21811	0.0152136	0.104966	-9.5269	0.255445	2.45393	2.45393	?	?	?	0.768799	1.24966	1.24966	2.60577	20.9728	8.0486	1
cg02433927	BCOR;BCOR	0.0985646	0.476361	0.766783	-1.30415	0.0413662	0.42199	-2.36972	0.706782	1.14864	1.14864	0.00769052	3.51118	3.51118	0.534183	0.793846	-1.25969	0.710863	0.872369	-1.1463	0.346138	1.42729	1.42729	0.737193	0.883818	-1.13145	0.73554	1.13237	1.13237	2.57723	5.48882	1.8931	1
cg05897853	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.0985647	0.60699	1.16783	1.16783	0.209532	0.67335	-1.48511	0.436431	1.26796	1.26796	0.152651	0.632504	-1.58102	0.271108	1.40861	1.40861	0.864637	1.05235	1.05235	0.0318464	2.12168	2.12168	0.974041	1.00978	1.00978	0.017021	2.38703	2.38703	2.57723	3.64979	1.25881	1
cg20910303	SLC10A7;SLC10A7;SLC10A7;SLC10A7	0.0985651	0.641164	0.853923	-1.17107	0.527498	0.806244	-1.24032	0.888796	0.954022	-1.04819	0.0845142	0.526267	-1.90017	0.821587	0.926828	-1.07895	0.111303	0.55791	-1.7924	0.00999294	2.987	2.987	0.294416	1.44174	1.44174	0.434374	0.764641	-1.3078	2.57723	4.61985	1.59339	1
cg13945069	DDX59	0.0985655	0.636237	0.92469	-1.08144	0.283644	1.20089	1.20089	0.386383	1.15711	1.15711	0.486644	0.890334	-1.12317	0.684905	1.06934	1.06934	0.141443	0.771159	-1.29675	0.00411422	0.53127	-1.88228	0.637247	0.92491	-1.08119	0.35279	0.854593	-1.17015	2.57722	1.10237	0.380209	1
cg13029731	AP1G2;AP1G2	0.0985662	0.987327	1.00408	1.00408	0.593881	1.14806	1.14806	0.0398067	1.83988	1.83988	0.0502958	1.77258	1.77258	0.00758331	2.41337	2.41337	0.403003	1.24551	1.24551	0.276905	1.33658	1.33658	0.769146	0.92728	-1.07842	0.127386	1.5264	1.5264	2.57722	2.68624	0.926492	1
cg15951257	ARMC4	0.0985663	0.052646	1.64437	1.64437	0.0390833	1.71451	1.71451	0.483394	0.85146	-1.17445	0.144849	1.42406	1.42406	0.156468	1.40805	1.40805	0.0730992	1.57029	1.57029	0.0204456	1.87882	1.87882	0.7685	1.0689	1.0689	0.186854	1.37145	1.37145	2.57721	2.08034	0.717515	1
cg23118151	C2orf44;C2orf44	0.0985693	0.975054	0.995417	-1.0046	0.138081	1.26435	1.26435	0.119937	1.28123	1.28123	0.523295	1.09969	1.09969	0.195801	1.22258	1.22258	0.991202	1.00162	1.00162	0.0234606	0.671916	-1.48828	0.704071	0.945484	-1.05766	0.0403921	1.41594	1.41594	2.57718	0.880789	0.303791	1
cg26008365	RAB13;RAB13	0.0985705	0.156009	0.308578	-3.24067	0.082591	0.225506	-4.43448	0.458687	0.557359	-1.79417	0.227559	0.374816	-2.66797	0.027968	0.133773	-7.47537	0.340538	0.467232	-2.14026	0.00911211	0.0767934	-13.022	0.0921486	0.237833	-4.20463	0.0780134	0.219359	-4.55873	2.57717	24.4969	8.44919	1
cg23052081	ZFP64;ZFP64;ZFP64;ZFP64;ZFP64;ZFP64;ZFP64;ZFP64	0.0985732	0.675651	0.950615	-1.05195	0.102275	1.24013	1.24013	0.0313121	1.35532	1.35532	0.665174	1.05381	1.05381	0.0657902	1.28208	1.28208	0.129923	1.21762	1.21762	0.378737	0.897006	-1.11482	0.192529	0.84704	-1.18058	0.104332	1.23826	1.23826	2.57714	0.591282	0.203941	1
cg10986125	ERBB4;ERBB4	0.0985746	0.16129	0.513018	-1.94925	0.0909889	2.29482	2.29482	0.679842	1.20339	1.20339	0.814961	0.90069	-1.11026	0.0146515	0.261635	-3.82213	0.830532	1.10034	1.10034	0.510101	0.742232	-1.34729	0.0922081	2.28627	2.28627	0.344243	0.64748	-1.54445	2.57712	8.12452	2.80227	1
cg21252596	C6orf57	0.0985756	0.386972	1.23479	1.23479	0.0513298	1.695	1.695	0.0411609	1.75118	1.75118	0.0911772	1.55656	1.55656	0.758915	1.07596	1.07596	0.395624	0.813101	-1.22986	0.562544	0.870019	-1.1494	0.158628	1.431	1.431	0.0226685	1.91341	1.91341	2.57711	2.30862	0.796281	1
cg11737710	ZNF570	0.098576	0.0212402	2.12542	2.12542	0.0943834	1.64973	1.64973	0.0470082	1.85694	1.85694	0.0211891	2.1263	2.1263	0.958667	1.01421	1.01421	0.365899	1.28777	1.28777	0.594518	0.863924	-1.15751	0.803359	1.07028	1.07028	0.759149	0.919685	-1.08733	2.57711	3.02532	1.04348	1
cg02510853	PKMYT1;PKMYT1	0.0985814	0.133083	2.92767	2.92767	0.0271126	5.66417	5.66417	0.0851375	3.53189	3.53189	0.038988	4.87457	4.87457	0.663805	1.33631	1.33631	0.420188	1.72623	1.72623	0.231632	2.29714	2.29714	0.0123726	7.87909	7.87909	0.153067	2.75741	2.75741	2.57705	17.9351	6.18626	1
cg11263345	EXOC3	0.0985814	0.0944572	0.664078	-1.50585	0.881311	1.03383	1.03383	0.804888	0.946376	-1.05666	0.00419194	0.425643	-2.34938	0.307507	0.790388	-1.2652	0.453574	1.18532	1.18532	0.168906	0.721511	-1.38598	0.916752	0.976986	-1.02356	0.165106	0.719118	-1.39059	2.57705	2.02393	0.698104	1
cg21526530	ATP8B4	0.0985825	0.120306	0.515768	-1.93886	0.0826324	0.469879	-2.12821	0.0169759	0.318576	-3.13897	0.5265	0.777122	-1.2868	0.308232	0.660743	-1.51345	0.938514	1.03078	1.03078	0.0484463	2.42516	2.42516	0.613655	0.818707	-1.22144	0.462881	0.745566	-1.34126	2.57703	6.3011	2.17342	1
cg11420667	HCCA2	0.0985831	0.862523	1.10273	1.10273	0.963276	0.974357	-1.02632	0.448075	0.646476	-1.54685	0.434862	0.637923	-1.56759	0.0035924	0.108101	-9.25059	0.79221	1.16063	1.16063	0.0451733	0.27346	-3.65684	0.633841	1.31094	1.31094	0.530326	0.698618	-1.4314	2.57703	12.9924	4.48143	1
cg09684066	RGL1	0.0985834	0.654285	1.28062	1.28062	0.00375027	8.56096	8.56096	0.0576653	3.24739	3.24739	0.540913	1.40447	1.40447	0.516308	0.696895	-1.43494	0.311544	1.77625	1.77625	0.239	1.96733	1.96733	0.223728	2.01662	2.01662	0.993899	0.995813	-1.0042	2.57702	12.2897	4.23906	1
cg16992008	FYCO1	0.0985858	0.0868221	1.91444	1.91444	0.865244	0.943344	-1.06006	0.144815	0.584059	-1.71215	0.976818	1.01003	1.01003	0.00810269	0.312167	-3.20341	0.165351	0.601625	-1.66217	0.40955	1.33591	1.33591	0.613593	0.839588	-1.19106	0.724614	0.885626	-1.12915	2.577	4.81253	1.66	1
cg18845289	MLEC	0.0985869	0.148738	0.861678	-1.16053	0.522909	0.939656	-1.06422	0.432614	0.925907	-1.08002	0.251989	0.891337	-1.12191	0.0347914	1.26682	1.26682	0.406522	0.921618	-1.08505	0.65952	0.958276	-1.04354	0.683874	0.961412	-1.04014	0.0216394	1.30354	1.30354	2.57698	0.377133	0.130086	1
cg16262566	GRB2;GRB2	0.098587	0.110696	0.778664	-1.28425	0.316961	1.16057	1.16057	0.0988134	1.2976	1.2976	0.0675315	0.744662	-1.34289	0.422746	1.12509	1.12509	0.528095	0.912096	-1.09638	0.112792	0.78	-1.28205	0.880058	0.9785	-1.02197	0.0732994	1.33305	1.33305	2.57698	0.845617	0.291682	1
cg23607813	AKAP4;AKAP4;AKAP4	0.0985891	0.730111	0.768399	-1.30141	0.418494	0.533178	-1.87555	0.661704	0.715374	-1.39787	0.172344	0.331209	-3.01924	0.0376511	0.15972	-6.26095	0.517001	1.64837	1.64837	0.0161326	0.106523	-9.38767	0.0201593	0.118619	-8.43033	0.25465	0.404616	-2.47148	2.57696	23.6193	8.14716	1
cg22834126	EFNA5	0.0985915	0.56619	1.1079	1.1079	0.183689	1.28302	1.28302	0.117292	1.35066	1.35066	0.802202	1.04535	1.04535	0.641353	1.08642	1.08642	0.462853	0.876304	-1.14116	0.00987281	0.562082	-1.7791	0.137799	0.753997	-1.32626	0.456967	0.874721	-1.14322	2.57693	1.27417	0.439513	1
cg20119015	ARAP2	0.0985915	0.725289	1.04934	1.04934	0.0433687	1.3732	1.3732	0.0109191	1.54666	1.54666	0.419449	1.11919	1.11919	0.983867	1.00276	1.00276	0.40524	1.12326	1.12326	0.194174	0.829036	-1.20622	0.424974	0.894749	-1.11763	0.131564	1.24882	1.24882	2.57693	0.76041	0.262296	1
cg06807791	BPNT1	0.0985939	0.535115	1.0929	1.0929	0.0931906	0.770137	-1.29847	0.29911	0.858814	-1.1644	0.690053	0.944886	-1.05833	0.0135537	1.54048	1.54048	0.79063	0.963067	-1.03835	0.0426361	1.3911	1.3911	0.888171	1.0201	1.0201	0.883191	1.02101	1.02101	2.57691	0.816334	0.28159	1
cg07577565	EEF1DP3	0.0985939	0.101934	0.780585	-1.28109	0.486213	1.10285	1.10285	0.724679	1.05015	1.05015	0.908415	1.01605	1.01605	0.731175	1.04888	1.04888	0.154894	1.23448	1.23448	0.00593422	1.64526	1.64526	0.37742	0.882216	-1.13351	0.359805	1.13914	1.13914	2.57691	0.781376	0.269531	1
cg02050917	SKI	0.0985965	0.373867	0.547087	-1.82786	0.210386	2.39193	2.39193	0.362243	1.85666	1.85666	0.833691	0.870289	-1.14904	0.0312527	0.188266	-5.31164	0.348109	0.528189	-1.89326	0.0141918	0.135438	-7.38343	0.444877	1.67299	1.67299	0.425281	0.583926	-1.71255	2.57688	17.8184	6.14643	1
cg14701072	MCHR1;MCHR1	0.0985971	0.702503	0.935376	-1.06909	0.243274	0.808514	-1.23684	0.098832	1.37034	1.37034	0.0456482	1.49025	1.49025	0.956414	0.99053	-1.00956	0.484413	0.883644	-1.13168	0.0162226	0.599384	-1.66838	0.602133	1.09589	1.09589	0.865288	1.03	1.03	2.57687	1.23688	0.426659	1
cg07802401	ANO3	0.0985976	0.116995	0.48232	-2.07331	0.0684747	0.417559	-2.39487	0.632308	0.813494	-1.22927	0.617508	1.24058	1.24058	0.0149902	0.277884	-3.59863	0.372669	0.675779	-1.47977	0.0167286	0.286339	-3.49236	0.208385	0.566714	-1.76456	0.233833	0.585999	-1.70649	2.57686	7.48263	2.58113	1
cg20554312	DDX24;DDX24;IFI27L1;IFI27L1	0.0985978	0.106313	0.322289	-3.10281	0.348447	1.85846	1.85846	0.478422	1.58833	1.58833	0.541068	0.672169	-1.48772	0.305474	0.505982	-1.97636	0.752751	1.22494	1.22494	0.0422183	4.4925	4.4925	0.0262511	0.18405	-5.43331	0.323367	1.9249	1.9249	2.57686	16.8224	5.8029	1
cg00145150	DKFZp434J0226	0.0985991	0.029059	0.447625	-2.23401	0.26976	1.43198	1.43198	0.120163	0.590541	-1.69336	0.418609	0.772422	-1.29463	0.553615	0.829267	-1.20588	0.247797	0.685567	-1.45865	0.00806609	0.346381	-2.88699	0.665941	0.873098	-1.14535	0.514385	0.81336	-1.22947	2.57685	3.98384	1.37424	1
cg05238522	SLC4A4;SLC4A4;SLC4A4	0.0986002	0.0434889	0.37923	-2.63692	0.0252068	0.329028	-3.03926	0.136483	0.511714	-1.95422	0.550632	0.777107	-1.28682	0.403554	0.69979	-1.429	0.876743	1.06697	1.06697	0.920386	0.959108	-1.04264	0.0524032	2.51245	2.51245	0.682958	1.18708	1.18708	2.57683	7.11813	2.45543	1
cg00618183	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0986012	0.2418	1.37573	1.37573	0.0859905	1.63882	1.63882	0.00491077	2.63886	2.63886	0.204075	1.41761	1.41761	0.121502	1.54819	1.54819	0.896682	1.0344	1.0344	0.728221	1.09508	1.09508	0.0753086	1.67462	1.67462	0.119129	1.55327	1.55327	2.57682	2.76651	0.954323	1
cg22226131	MEGF6	0.0986014	0.298102	0.627826	-1.5928	0.37183	1.48545	1.48545	0.369697	1.48822	1.48822	0.988802	0.993962	-1.00608	0.0795701	0.431802	-2.31587	0.538674	0.764408	-1.3082	0.0051616	0.203157	-4.9223	0.781258	0.8868	-1.12765	0.221771	0.574511	-1.74061	2.57682	7.60134	2.62213	1
cg01106572	ACCN3;ACCN3;ABCB8;ACCN3	0.0986016	0.0817144	0.205763	-4.85997	0.12448	0.255866	-3.9083	0.201229	0.330835	-3.02265	0.56392	0.619977	-1.61296	0.0243732	0.110958	-9.01242	0.14423	0.276505	-3.61657	0.00887456	0.0652641	-15.3224	0.206599	0.335661	-2.9792	0.115881	0.24647	-4.05729	2.57682	27.4089	9.45485	1
cg24948829	KCNIP1	0.0986018	0.197327	0.822419	-1.21593	0.506339	1.10156	1.10156	0.499411	1.10336	1.10336	0.181393	0.815843	-1.22573	0.917329	0.985216	-1.01501	0.974559	0.995436	-1.00459	0.00553892	1.68689	1.68689	0.288657	0.853837	-1.17118	0.506264	1.10158	1.10158	2.57682	0.839854	0.289713	1
cg15472673	GART;SON;GART;SON;GART;GART;GART;GART	0.0986018	0.371442	0.915492	-1.09231	0.190353	1.14274	1.14274	0.61599	0.952512	-1.04986	0.572711	1.05637	1.05637	0.111289	1.18163	1.18163	0.0857321	0.833	-1.20048	0.0220196	0.767773	-1.30247	0.173741	1.1494	1.1494	0.846845	1.01878	1.01878	2.57682	0.377774	0.130316	1
cg26334507	ZBTB17	0.0986031	0.105098	1.66268	1.66268	0.489458	0.819309	-1.22054	0.0591465	0.540664	-1.84958	0.238541	1.42199	1.42199	0.421007	1.26306	1.26306	0.0254712	2.1658	2.1658	0.29176	0.732337	-1.36549	0.174436	1.51132	1.51132	0.910931	1.0322	1.0322	2.74234	3.40923	0.966919	1
cg21640865	FAM20C	0.098605	0.46626	0.663398	-1.50739	0.0747179	3.00056	3.00056	0.0344701	3.91588	3.91588	0.731822	0.826622	-1.20974	0.0519815	0.294124	-3.39992	0.368086	0.599466	-1.66815	0.128096	0.402324	-2.48556	0.920599	1.05674	1.05674	0.407732	0.625798	-1.59796	2.57678	12.5028	4.31298	1
cg17800708	HOXA3;HOXA3;HOXA3	0.0986053	0.0330864	12.88	12.88	0.438973	2.24707	2.24707	0.528967	1.92361	1.92361	0.201877	3.98357	3.98357	0.0303538	13.61	13.61	0.438568	2.24874	2.24874	0.825393	1.25436	1.25436	0.0235831	16.005	16.005	0.0232705	16.1433	16.1433	2.57678	42.9323	14.81	1
cg21575634	STX2;STX2	0.0986079	0.553775	0.831597	-1.2025	0.316491	1.37552	1.37552	0.103609	0.578102	-1.7298	0.173998	1.56092	1.56092	0.0365264	0.473226	-2.11316	0.0392189	0.479713	-2.08458	0.157162	0.627638	-1.59328	0.145721	0.618225	-1.61753	0.397649	0.765949	-1.30557	2.57675	3.86832	1.33444	1
cg04258272	CDC42BPG	0.0986083	0.332187	0.748795	-1.33548	0.0118723	2.55155	2.55155	0.395748	1.28558	1.28558	0.65444	0.878279	-1.13859	0.538085	0.835472	-1.19693	0.0975273	1.70041	1.70041	0.648605	0.876187	-1.14131	0.0395261	2.01615	2.01615	0.926846	1.02678	1.02678	2.74228	3.52154	0.998794	1
cg14897920	ELAVL3;ELAVL3	0.0986084	0.965612	0.987214	-1.01295	0.11023	1.68134	1.68134	0.00952947	2.66488	2.66488	0.195851	1.50425	1.50425	0.274604	0.712262	-1.40398	0.334749	1.34573	1.34573	0.683645	1.13008	1.13008	0.0645087	1.85873	1.85873	0.0980142	1.71904	1.71904	2.57674	3.63609	1.25433	1
cg06072021	FLI1;FLI1;FLI1	0.0986099	0.503204	0.794379	-1.25885	0.0656489	2.01366	2.01366	0.711385	0.881685	-1.13419	0.185712	1.60873	1.60873	0.0750857	0.510897	-1.95734	0.479415	0.783794	-1.27585	0.66153	1.16098	1.16098	0.0170148	2.68028	2.68028	0.765519	0.903626	-1.10665	2.57673	4.68499	1.61617	1
cg21428148	NDUFV2	0.0986108	0.124683	0.797977	-1.25317	0.709034	1.05221	1.05221	0.742148	1.04584	1.04584	0.136329	0.804206	-1.24346	0.0065325	0.618931	-1.61569	0.686471	0.946398	-1.05664	0.351285	0.877886	-1.1391	0.932705	0.988599	-1.01153	0.0355769	0.71738	-1.39396	2.57672	0.752195	0.259485	1
cg18456312	EML6	0.0986139	0.797519	0.932227	-1.0727	0.257952	0.724532	-1.3802	0.00305982	0.330497	-3.02575	0.804917	0.93468	-1.06988	0.504601	0.831246	-1.20301	0.563454	0.852626	-1.17285	0.719465	1.10346	1.10346	0.979742	0.993093	-1.00695	0.164652	1.49882	1.49882	2.57668	3.04077	1.04899	1
cg19672685	NR1H2	0.0986155	0.752686	1.11573	1.11573	0.125862	1.77495	1.77495	0.371757	1.37396	1.37396	0.762714	0.900415	-1.1106	0.00367104	0.25647	-3.89909	0.96273	0.983943	-1.01632	0.820273	1.08202	1.08202	0.636753	1.17915	1.17915	0.721573	1.13197	1.13197	2.57666	4.89757	1.68955	1
cg10184241	C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38	0.0986166	0.411518	0.88547	-1.12934	0.966392	1.00612	1.00612	0.560526	1.089	1.089	0.730679	1.05133	1.05133	0.432615	1.123	1.123	0.335118	0.865902	-1.15486	0.0947098	0.766409	-1.30479	0.00555236	0.589928	-1.69512	0.283164	1.17531	1.17531	2.57665	0.856274	0.295396	1
cg02612618	ZNF43	0.0986198	0.875851	0.974213	-1.02647	0.00496123	1.86193	1.86193	0.365427	1.16812	1.16812	0.999219	0.999837	-1.00016	0.999727	1.00006	1.00006	0.611117	1.08947	1.08947	0.113528	0.749947	-1.33343	0.253388	1.22058	1.22058	0.164334	1.28139	1.28139	2.57661	1.1395	0.39311	1
cg10767223	TERT;TERT	0.0986231	0.0359146	6.41127	6.41127	0.124116	3.55266	3.55266	0.12817	3.49747	3.49747	0.178518	2.96884	2.96884	0.126015	3.5265	3.5265	0.85257	0.867942	-1.15215	0.154613	0.313522	-3.18957	0.158873	3.14687	3.14687	0.0426926	5.90761	5.90761	2.57658	23.6509	8.15928	1
cg09685505	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0986233	0.388767	1.15918	1.15918	0.29006	0.832245	-1.20157	0.252909	0.818978	-1.22103	0.623616	0.920615	-1.08623	0.414181	0.869713	-1.1498	0.00245487	0.494307	-2.02303	0.502591	0.892452	-1.12051	0.209939	0.80175	-1.24727	0.545339	0.902709	-1.10778	2.57657	1.1412	0.393702	1
cg27661793	FAT1	0.098624	0.0354618	0.187128	-5.34393	0.269663	0.455304	-2.19634	0.869368	1.11925	1.11925	0.245774	0.435654	-2.2954	0.0179506	0.139677	-7.15939	0.840985	1.1474	1.1474	0.136353	0.333372	-2.99965	0.0443751	0.205858	-4.85771	0.0606622	0.235121	-4.25313	2.57657	19.1183	6.59563	1
cg24545687	EP400	0.098624	0.0606732	0.567671	-1.76158	0.410911	0.798419	-1.25247	0.265642	1.36419	1.36419	0.0906981	1.64707	1.64707	0.261211	0.730735	-1.36848	0.41679	1.2488	1.2488	0.0856984	1.66284	1.66284	0.0617268	1.75654	1.75654	0.428185	1.2418	1.2418	2.57657	2.925	1.0091	1
cg17774559	IRX4	0.0986256	0.0242788	29.6475	29.6475	0.408982	2.90352	2.90352	0.650612	1.77804	1.77804	0.0362029	21.6358	21.6358	0.0492213	17.004	17.004	0.702652	1.62276	1.62276	0.880355	0.826864	-1.20939	0.0167628	39.8386	39.8386	0.39953	2.97011	2.97011	2.57655	65.0135	22.4291	1
cg23576723	CALHM2;CALHM2	0.0986264	0.185087	0.856576	-1.16744	0.181471	0.855345	-1.16912	0.346689	1.11264	1.11264	0.517239	0.930229	-1.075	0.263666	1.13695	1.13695	0.162944	1.17827	1.17827	0.0253615	1.34013	1.34013	0.433316	1.09207	1.09207	0.104286	0.822334	-1.21605	2.57654	0.495112	0.17081	1
cg02108130	CYHR1	0.0986276	0.623269	0.930867	-1.07427	0.0580094	1.36348	1.36348	0.0196002	1.50388	1.50388	0.109397	0.776807	-1.28732	0.145247	0.797469	-1.25397	0.977523	0.995932	-1.00408	0.414786	0.886375	-1.12819	0.962698	0.993256	-1.00679	0.416526	1.12766	1.12766	2.57653	0.854313	0.294734	1
cg14223613	ARNT2	0.0986289	0.0865621	0.60437	-1.65462	0.0327135	1.94386	1.94386	0.276224	1.35158	1.35158	0.966171	0.988782	-1.01134	0.412865	0.800361	-1.24944	0.327419	0.764209	-1.30854	0.0406114	1.87551	1.87551	0.191929	1.44403	1.44403	0.97822	1.00729	1.00729	2.57651	2.88727	0.9961	1
cg03179500	PSMA2	0.09863	0.312587	0.624591	-1.60105	0.595735	0.785632	-1.27286	0.271551	0.597062	-1.67487	0.533018	1.3291	1.3291	0.573011	0.773665	-1.29255	0.113225	0.459935	-2.17422	0.00335542	0.16559	-6.039	0.777391	0.880104	-1.13623	0.096876	0.439936	-2.27306	2.5765	8.28469	2.85821	1
cg04352310	ZNF442	0.0986338	0.327263	0.897475	-1.11424	0.037064	1.29558	1.29558	0.0159045	1.37141	1.37141	0.541511	0.936031	-1.06834	0.299518	0.891361	-1.12188	0.375205	0.90724	-1.10224	0.374101	1.10251	1.10251	0.532524	0.934615	-1.06996	0.485739	0.927034	-1.07871	2.57646	0.466843	0.161063	1
cg21152694	ZNHIT2	0.0986355	0.339628	1.64274	1.64274	0.363159	1.60216	1.60216	0.343977	1.635	1.635	0.245006	0.541546	-1.84656	0.132573	0.441082	-2.26715	0.898738	0.937808	-1.06632	0.0082352	0.18186	-5.49874	0.699221	1.2163	1.2163	0.270755	1.78301	1.78301	2.57644	10.3793	3.58091	1
cg27404921	HTT	0.0986357	0.555716	0.740377	-1.35066	0.151769	2.16962	2.16962	0.0351955	3.44656	3.44656	0.160521	2.13003	2.13003	0.0502101	0.32432	-3.08337	0.26291	0.555036	-1.80168	0.60769	0.770142	-1.29846	0.220942	1.91367	1.91367	0.347755	1.62844	1.62844	2.57644	10.381	3.58153	1
cg18887228	PHF3	0.0986362	0.716632	0.904281	-1.10585	0.0130507	0.4274	-2.33973	0.248298	0.716676	-1.39533	0.287313	0.737155	-1.35657	0.0808268	0.586018	-1.70643	0.0936113	0.60111	-1.66359	0.0976781	1.65134	1.65134	0.993234	0.997662	-1.00234	0.862193	1.04913	1.04913	2.57643	3.10895	1.07261	1
cg05358749	KLHL7;KLHL7;KLHL7;KLHL7	0.0986383	0.97158	1.00794	1.00794	0.981099	1.00527	1.00527	0.024597	0.552086	-1.81131	0.912398	0.975875	-1.02472	0.0982163	1.49551	1.49551	0.443886	0.840957	-1.18912	0.724058	1.08183	1.08183	0.1507	0.710505	-1.40745	0.0349789	1.72501	1.72501	2.57641	2.00926	0.693216	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11726631	AGRN	0.0986389	0.14981	1.54499	1.54499	0.463458	0.810383	-1.23399	0.940369	1.0213	1.0213	0.536277	1.19297	1.19297	0.153474	1.53817	1.53817	0.453831	0.806565	-1.23983	0.869904	0.95487	-1.04726	0.0197575	0.452437	-2.21025	0.0360089	0.503004	-1.98806	2.5764	3.23886	1.11745	1
cg22986876	MAPK1IP1L	0.0986414	0.158834	0.577465	-1.73171	0.256456	0.649288	-1.54015	0.0409851	0.423187	-2.36302	0.735277	1.13172	1.13172	0.0126171	0.322785	-3.09804	0.0658377	0.471153	-2.12245	0.948158	0.97657	-1.02399	0.60733	1.20803	1.20803	0.110526	0.530433	-1.88525	2.57637	5.42448	1.87153	1
cg05802204	BANP;BANP	0.098642	0.489967	0.88776	-1.12643	0.0316856	0.652076	-1.53356	0.594535	0.91283	-1.09549	0.384811	1.16331	1.16331	0.15321	1.29649	1.29649	0.445975	1.14098	1.14098	0.0424612	1.48687	1.48687	0.250343	0.81552	-1.22621	0.195315	0.792526	-1.26179	2.57636	1.17603	0.40575	1
cg09917486	KIAA1609;KIAA1609	0.0986459	0.568671	0.920452	-1.08642	0.110216	1.28462	1.28462	0.631915	1.07191	1.07191	0.777199	1.04166	1.04166	0.302737	1.16602	1.16602	0.516235	0.909644	-1.09933	0.0045322	0.580344	-1.72312	0.602512	0.927189	-1.07853	0.959962	0.992803	-1.00725	2.57632	0.844663	0.291428	1
cg16657479	LOC150786;LOC150786	0.0986469	0.0816574	0.392725	-2.54631	0.311476	0.602193	-1.6606	0.02255	0.266307	-3.75507	0.602946	0.775547	-1.28941	0.0499967	0.338718	-2.95231	0.627204	1.26751	1.26751	0.0491844	0.337053	-2.96689	0.105515	0.424627	-2.35501	0.0531111	0.34493	-2.89914	2.57631	9.57243	3.30272	1
cg25211956	FTSJ3;PSMC5;FTSJ3	0.09865	?	?	?	0.00422439	0.259255	-3.8572	0.907185	1.04196	1.04196	0.1596	0.588806	-1.69835	0.74106	1.12397	1.12397	0.122352	0.554282	-1.80414	0.221425	0.635737	-1.57298	0.761867	0.898425	-1.11306	0.929312	0.969214	-1.03176	2.60478	4.55468	1.74859	1
cg20054412	C7orf50;C7orf50;C7orf50	0.0986529	0.336892	1.25846	1.25846	0.0931632	1.53547	1.53547	0.634132	0.894651	-1.11775	0.0872798	1.55015	1.55015	0.0139812	0.494233	-2.02334	0.817002	1.05529	1.05529	0.774698	1.0689	1.0689	0.44531	1.198	1.198	0.234679	0.748843	-1.33539	2.57624	2.19965	0.758952	1
cg00431447	C16orf45	0.0986549	0.914025	0.975011	-1.02563	0.560354	0.871118	-1.14795	0.527383	0.860664	-1.16189	0.582499	0.878008	-1.13894	0.629784	1.12054	1.12054	0.00348155	0.394908	-2.53224	0.0676114	0.618918	-1.61572	0.662137	1.10853	1.10853	0.525384	1.16276	1.16276	2.57622	2.24037	0.773008	1
cg01434723	UBL4A	0.0986562	0.205982	0.331722	-3.01457	0.0200781	0.0982737	-10.1757	0.643248	0.679918	-1.47077	0.0280128	8.55828	8.55828	0.856437	0.860892	-1.16159	0.402717	0.492474	-2.03056	0.556287	1.63593	1.63593	0.23127	2.82524	2.82524	0.572087	1.60356	1.60356	2.57621	27.9137	9.6313	1
cg23837683	DAPK3	0.0986565	0.212916	0.639442	-1.56386	0.623731	0.844895	-1.18358	0.375347	0.733342	-1.36362	0.201759	1.58327	1.58327	0.00597373	0.293735	-3.40443	0.843435	0.934817	-1.06973	0.0733749	0.506334	-1.97498	0.868854	1.05795	1.05795	0.190287	0.623245	-1.6045	2.5762	4.74097	1.63582	1
cg10875601	NSD1;NSD1	0.0986568	0.748635	1.19577	1.19577	0.0070388	6.94111	6.94111	0.0240165	4.4688	4.4688	0.988407	0.991953	-1.00811	0.435482	0.642444	-1.55656	0.437788	1.55297	1.55297	0.651567	0.776614	-1.28764	0.594252	0.741558	-1.34851	0.961121	0.973255	-1.02748	2.5762	12.6187	4.35394	1
cg06115576	DIP2C	0.0986571	0.0320454	0.42018	-2.37993	0.403224	0.744309	-1.34353	0.271588	0.67361	-1.48454	0.595635	0.831186	-1.2031	0.0138762	0.350108	-2.85626	0.423183	0.753967	-1.32632	0.0620115	0.484123	-2.06559	0.0207362	0.382403	-2.61504	0.598109	0.832239	-1.20158	2.57619	4.86261	1.67779	1
cg07935151	LSM2;LSM2	0.0986602	0.282133	1.31951	1.31951	0.819608	1.0583	1.0583	0.776817	0.931928	-1.07304	0.144459	1.47532	1.47532	0.0124279	0.462204	-2.16355	0.90136	0.969709	-1.03124	0.126993	0.664024	-1.50597	0.447868	1.21153	1.21153	0.125559	1.50869	1.50869	2.57616	2.51073	0.866314	1
cg10364630	ETV2	0.0986613	0.0286295	0.516283	-1.93692	0.602915	0.874257	-1.14383	0.169881	0.687745	-1.45403	0.0827216	0.611402	-1.63558	0.0429177	0.550706	-1.81585	0.732751	1.09173	1.09173	0.0401124	0.544816	-1.83548	0.854899	1.04799	1.04799	0.360962	1.27182	1.27182	2.57615	2.67477	0.922919	1
cg22940954	RUFY4	0.0986616	0.203075	0.621752	-1.60836	0.534508	0.800527	-1.24918	0.132096	0.562804	-1.77682	0.0622172	0.47594	-2.1011	0.0168902	0.356719	-2.80333	0.199046	0.618808	-1.61601	0.0492178	0.45205	-2.21214	0.299822	1.46232	1.46232	0.109428	0.5394	-1.85391	2.57614	5.10373	1.76102	1
cg11779204	CTNND2	0.0986619	0.121628	0.368298	-2.71519	0.0327794	0.22614	-4.42204	0.162674	0.411831	-2.42818	0.663501	1.29768	1.29768	0.119396	0.365717	-2.73436	0.194156	0.441472	-2.26515	0.269514	0.504374	-1.98265	0.0482946	3.8313	3.8313	0.769041	0.839238	-1.19156	2.57614	14.4555	4.98783	1
cg12746790	TUBGCP6	0.0986631	0.0194453	0.330699	-3.0239	0.124469	1.91842	1.91842	0.128188	1.90432	1.90432	0.307947	0.661434	-1.51187	0.155599	0.551493	-1.81326	0.367873	0.696087	-1.4366	0.474314	1.32976	1.32976	0.371405	1.43258	1.43258	0.476696	1.32766	1.32766	2.57613	6.25924	2.15974	1
cg10737195	PCDH9;PCDH9;PCDH9;PCDH9	0.0986635	0.306002	0.801983	-1.24691	0.0294176	0.586226	-1.70583	0.508154	1.15001	1.15001	0.0239341	0.570667	-1.75234	0.932774	0.982588	-1.01772	0.132781	0.713413	-1.40171	0.0548565	0.635487	-1.5736	0.825758	1.04697	1.04697	0.402657	1.19521	1.19521	2.57612	1.76864	0.610267	1
cg27590105	RAET1L	0.0986646	0.078363	0.539788	-1.85258	0.26411	1.44345	1.44345	0.75573	0.906288	-1.1034	0.692626	0.882253	-1.13346	0.160363	0.623191	-1.60464	0.226612	0.670114	-1.49228	0.0081857	0.344064	-2.90644	0.497696	0.804865	-1.24244	0.277607	1.42764	1.42764	2.57611	4.05653	1.39971	1
cg00533923	RWDD1;RWDD1;RWDD1	0.098665	0.105975	0.819486	-1.22028	0.0932923	1.23139	1.23139	0.122855	1.20742	1.20742	0.159869	1.18451	1.18451	0.552096	0.934423	-1.07018	0.813386	0.97369	-1.02702	0.0492486	1.28796	1.28796	0.365293	0.900432	-1.11058	0.0920714	1.23254	1.23254	2.57611	0.518667	0.178967	1
cg18656644	SPTBN4;SPTBN4	0.0986684	0.8417	1.06251	1.06251	0.109145	0.588762	-1.69848	0.340013	0.74217	-1.3474	0.500292	1.23055	1.23055	0.981366	1.00711	1.00711	0.570096	1.1901	1.1901	0.00433978	0.314797	-3.17665	0.844213	1.06147	1.06147	0.331228	1.35526	1.35526	2.57607	3.7513	1.29441	1
cg01884537	RAD18	0.0986689	0.048184	0.554582	-1.80316	0.0231538	2.03168	2.03168	0.12953	1.5336	1.5336	0.649279	1.12697	1.12697	0.941229	0.980934	-1.01944	0.293398	0.752342	-1.32918	0.333756	0.770826	-1.29731	0.17801	0.688199	-1.45307	0.837054	1.05524	1.05524	2.57606	2.7811	0.959637	1
cg17730484	DTX3	0.0986691	0.151472	0.723437	-1.38229	0.0511105	0.626295	-1.59669	0.441706	0.847685	-1.17968	0.0643052	0.645409	-1.5494	0.0156163	0.535553	-1.86723	0.81778	1.04982	1.04982	0.684716	0.917604	-1.08979	0.146824	0.720364	-1.38819	0.0285384	0.580244	-1.72341	2.57606	1.81032	0.624663	1
cg05880452	FMNL2	0.09867	0.180306	1.47204	1.47204	0.285232	1.35208	1.35208	0.0766146	0.585532	-1.70785	0.264699	1.37151	1.37151	0.0128278	0.431751	-2.31615	0.431081	1.24407	1.24407	0.956029	1.0151	1.0151	0.380361	0.783067	-1.27703	0.575071	0.857337	-1.1664	2.57605	3.0131	1.0397	1
cg19340235	OR14J1	0.0986706	0.276081	1.21716	1.21716	0.13866	1.31851	1.31851	0.690915	0.933024	-1.07178	0.412317	1.1565	1.1565	0.0978699	1.37024	1.37024	0.437284	1.14734	1.14734	0.00657071	1.84465	1.84465	0.0360593	1.52641	1.52641	0.867369	0.971424	-1.02942	2.57604	1.22755	0.423577	1
cg11890956	PSMG1;PSMG1	0.0986709	0.0125718	4.40997	4.40997	0.874524	0.927227	-1.07848	0.875762	1.07767	1.07767	0.715378	1.19135	1.19135	0.245274	1.78793	1.78793	0.716762	0.840135	-1.19028	0.0301169	0.295424	-3.38497	0.157021	2.06187	2.06187	0.751307	1.16417	1.16417	2.57604	9.326	3.21803	1
cg07491979	EXOC4	0.0986723	0.0595069	0.333305	-3.00025	0.0519843	0.319159	-3.13324	0.0995693	0.393597	-2.54067	0.921295	0.950231	-1.05238	0.0312163	0.270939	-3.69087	0.959569	0.974153	-1.02653	0.0161458	0.218635	-4.57383	0.306983	0.579089	-1.72685	0.181405	0.480524	-2.08106	2.57602	10.8865	3.75653	1
cg20119635	DYNLT3	0.0986728	0.00376297	0.066721	-14.9878	0.959009	0.965045	-1.03622	0.632602	0.716462	-1.39575	0.0983951	3.50705	3.50705	0.458841	0.593238	-1.68566	0.355183	0.517662	-1.93176	0.341001	0.506987	-1.97244	0.562284	0.666591	-1.50017	0.554758	0.661271	-1.51224	2.57602	19.5522	6.74675	1
cg00533990	MYL12A	0.0986732	0.675106	0.913591	-1.09458	0.53881	1.14271	1.14271	0.0233414	0.559357	-1.78777	0.0329401	0.585806	-1.70705	0.144583	0.71466	-1.39927	0.16732	0.729378	-1.37103	0.821591	0.952734	-1.04961	0.525167	1.14802	1.14802	0.0350986	0.590791	-1.69265	2.57601	1.87505	0.647012	1
cg07993003	NLRP7;NLRP7;NLRP7	0.0986735	0.0416944	0.211181	-4.73528	0.00607756	0.0932359	-10.7255	0.111677	0.317452	-3.15009	0.132518	0.341268	-2.93025	0.138557	0.34781	-2.87514	0.156099	0.366058	-2.7318	0.100927	0.304261	-3.28665	0.230946	0.435053	-2.29857	0.434029	0.589366	-1.69674	2.57601	17.8969	6.17557	1
cg11123056	SNORD1C	0.0986741	0.863709	1.05643	1.05643	0.494021	1.24846	1.24846	0.863879	1.05636	1.05636	0.101863	0.564315	-1.77206	0.316583	0.718339	-1.3921	0.0878714	0.547791	-1.82552	0.00913454	0.347137	-2.88071	0.219059	1.51132	1.51132	0.694793	1.13427	1.13427	2.576	4.16495	1.43718	1
cg24704510	MED24;MED24;SNORD124	0.0986743	0.0151724	0.308659	-3.23983	0.300534	0.655231	-1.52618	0.883361	0.943789	-1.05956	0.15422	0.548227	-1.82406	0.012474	0.293733	-3.40445	0.14967	0.544041	-1.8381	0.0667979	0.44492	-2.24759	0.853126	0.929569	-1.07577	0.224637	0.604923	-1.6531	2.576	6.33608	2.18636	1
cg19603100	MIR299;MIR380	0.0986751	0.914304	1.06419	1.06419	0.979508	1.01496	1.01496	0.128799	0.387246	-2.58234	0.761855	1.19204	1.19204	0.29469	1.87408	1.87408	0.393592	1.65709	1.65709	0.00535983	0.120088	-8.3272	0.893979	0.925831	-1.08011	0.135107	0.394176	-2.53694	2.57599	13.6278	4.70249	1
cg26636379	TP53AIP1	0.0986773	0.902757	0.982044	-1.01828	0.982242	0.996706	-1.0033	0.0797516	0.749585	-1.33407	0.362033	0.87033	-1.14899	0.0204026	0.660814	-1.51329	0.070796	1.34886	1.34886	0.12786	1.27637	1.27637	0.862187	0.974573	-1.02609	0.357027	0.868994	-1.15076	2.57597	0.896477	0.309347	1
cg04129736	MPST;TST;MPST;MPST;MPST	0.0986783	0.789123	0.960622	-1.04099	0.613873	0.926586	-1.07923	0.299882	1.1747	1.1747	0.95646	0.991851	-1.00822	0.95646	0.991851	-1.00822	0.998132	1.00035	1.00035	0.0132657	0.631313	-1.584	0.715704	0.946657	-1.05635	0.01658	1.55048	1.55048	2.57596	0.916343	0.316204	1
cg13847724	DENND1A;DENND1A	0.0986792	0.262703	1.67968	1.67968	0.165684	1.92818	1.92818	0.524173	1.33197	1.33197	0.421133	1.44048	1.44048	0.0118015	0.247465	-4.04097	0.076409	2.39989	2.39989	0.234606	1.73898	1.73898	0.272757	1.6602	1.6602	0.775315	1.13552	1.13552	2.57595	8.04644	2.77661	1
cg07744841	SLC6A11	0.0986818	0.224183	0.675228	-1.48098	0.26825	1.42569	1.42569	0.41089	1.29514	1.29514	0.724372	0.896832	-1.11504	0.0252966	0.441343	-2.26581	0.0763327	0.545287	-1.8339	0.198743	1.51843	1.51843	0.782204	1.08897	1.08897	0.113173	1.6993	1.6993	2.57592	3.85892	1.33162	1
cg21495704	TYROBP;TYROBP	0.0986823	0.15538	1.75832	1.75832	0.539676	0.794145	-1.25922	0.0836907	0.491357	-2.03518	0.0366483	0.406039	-2.46282	0.338002	1.44288	1.44288	0.245946	1.569	1.569	0.755775	1.12279	1.12279	0.209899	1.63316	1.63316	0.104024	0.516962	-1.93438	2.57591	5.62148	1.93984	1
cg19809165	PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.0986837	0.526489	0.948874	-1.05388	0.739353	0.973065	-1.02768	0.487343	0.94393	-1.0594	0.00959863	1.30752	1.30752	0.0370042	1.21903	1.21903	0.184052	1.12213	1.12213	0.243007	1.10507	1.10507	0.606613	1.04339	1.04339	0.14472	1.13666	1.13666	2.5759	0.272797	0.0941366	1
cg26713507	PLAU;C10orf55;PLAU	0.0986884	0.90531	0.967316	-1.03379	0.663394	0.884895	-1.13008	0.418658	0.793926	-1.25956	0.0459079	0.527858	-1.89445	0.270431	1.37772	1.37772	0.600085	0.86267	-1.15919	0.011962	0.416598	-2.40039	0.571063	1.17335	1.17335	0.0468272	0.529676	-1.88795	2.57584	3.18108	1.09775	1
cg13504410	DYNC1I2	0.0986888	0.15264	0.520858	-1.91991	0.00798747	0.235123	-4.25309	0.0834862	0.442314	-2.26084	0.574831	0.785587	-1.27293	0.580807	1.26806	1.26806	0.144078	0.512626	-1.95074	0.663083	0.829733	-1.20521	0.515152	0.755023	-1.32446	0.0314811	0.341585	-2.92753	2.57584	7.39625	2.55235	1
cg11287292	NEIL3	0.098689	0.854017	1.06492	1.06492	0.593787	0.832072	-1.20182	0.201985	0.631247	-1.58417	0.181164	1.62383	1.62383	0.012874	0.348327	-2.87086	0.901751	0.958703	-1.04308	0.972369	1.0119	1.0119	0.0635531	2.03877	2.03877	0.236096	1.52801	1.52801	2.57584	4.75722	1.64166	1
cg02812189	TBC1D28	0.0986894	0.0806845	0.188612	-5.30189	0.0345537	0.119756	-8.35033	0.0696153	0.174227	-5.73965	0.256607	0.360739	-2.77208	0.0357751	0.122006	-8.19629	0.150516	0.265288	-3.76949	0.0284266	0.107836	-9.27335	0.0803998	0.188253	-5.31199	0.0938931	0.20471	-4.88495	2.57583	30.2484	10.4384	1
cg24030864	MLLT1	0.0986894	0.999927	0.999984	-1.00002	0.408412	0.864835	-1.15629	0.910865	0.980951	-1.01942	0.260656	0.817515	-1.22322	0.902829	1.0212	1.0212	0.00177028	0.465505	-2.1482	0.313096	0.835947	-1.19625	0.840523	0.96599	-1.03521	0.765793	0.94999	-1.05264	2.57583	1.20325	0.415227	1
cg13825083	GGT1	0.0986918	0.0321869	0.193223	-5.17535	0.259385	0.462574	-2.16182	0.0487578	0.228842	-4.36982	0.192027	0.404592	-2.47163	0.0241235	0.171684	-5.82466	0.417564	0.581111	-1.72084	0.023705	0.170452	-5.86677	0.172967	0.386662	-2.58624	0.09612	0.302008	-3.31117	2.57581	17.5145	6.04411	1
cg02011912	SELK	0.0986948	0.711791	0.959236	-1.0425	0.0559847	0.784434	-1.2748	0.740034	0.963343	-1.03805	0.19271	1.16721	1.16721	0.247507	1.14523	1.14523	0.671734	1.04897	1.04897	0.118781	1.20913	1.20913	0.167207	0.847779	-1.17955	0.0316947	0.753931	-1.32638	2.57577	0.513116	0.177074	1
cg22510134	PYGO1	0.0986964	0.883939	0.920065	-1.08688	0.00885453	0.149517	-6.68819	0.278137	0.525602	-1.90258	0.665459	1.28161	1.28161	0.263501	0.514365	-1.94415	0.254772	0.507537	-1.9703	0.202423	0.464142	-2.15451	0.0996512	2.79889	2.79889	0.414271	1.60961	1.60961	2.57575	13.2703	4.57957	1
cg26056770	TMEM141	0.0986973	0.356142	0.841793	-1.18794	0.0768697	1.42904	1.42904	0.0274548	1.60523	1.60523	0.442119	0.867437	-1.15282	0.800859	1.04693	1.04693	0.348404	0.839311	-1.19145	0.0427679	0.654971	-1.52679	0.399696	0.855186	-1.16934	0.536392	0.89261	-1.12031	2.57574	1.34316	0.463526	1
cg03696599	CNTNAP5	0.0986979	0.557653	0.888415	-1.1256	0.417196	0.847527	-1.1799	0.956823	0.989255	-1.01086	0.530828	0.881018	-1.13505	0.0588271	0.653239	-1.53083	0.637451	1.09935	1.09935	0.00662189	0.49496	-2.02037	0.247674	1.27272	1.27272	0.345446	1.21395	1.21395	2.57574	1.62409	0.560474	1
cg06222087	TAF4	0.0987	0.557522	0.860994	-1.16145	0.862631	1.04467	1.04467	0.152823	1.47156	1.47156	0.824403	1.05767	1.05767	0.26308	0.744988	-1.3423	0.747924	0.921863	-1.08476	0.00751606	0.419786	-2.38217	0.0418147	0.553249	-1.80751	0.976	0.992439	-1.00762	2.57571	2.59701	0.896238	1
cg16425057	ALOX12P2	0.0987001	0.541528	0.852042	-1.17365	0.0426505	1.83061	1.83061	0.0299308	1.93821	1.93821	0.850137	0.952175	-1.05023	0.494635	0.835538	-1.19683	0.431305	1.23133	1.23133	0.0335517	1.90277	1.90277	0.349007	0.778967	-1.28375	0.524825	0.846232	-1.18171	2.57571	2.73827	0.944988	1
cg06991974	FLJ42875;FLJ42875	0.0987022	0.116125	2.37054	2.37054	0.278081	0.565473	-1.76843	0.456489	1.46715	1.46715	0.228368	0.527803	-1.89465	0.426778	1.50704	1.50704	0.706004	0.825677	-1.21113	0.0342686	3.48471	3.48471	0.0345704	0.287761	-3.47511	0.611644	0.771975	-1.29538	2.57569	10.4219	3.59666	1
cg06675538	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	0.0987023	0.0398265	6.54339	6.54339	0.276319	2.44761	2.44761	0.100264	4.15121	4.15121	0.26138	2.52406	2.52406	0.917835	0.921669	-1.08499	0.718572	0.751215	-1.33118	0.0143563	10.8688	10.8688	0.0978636	4.20167	4.20167	0.0494024	5.88658	5.88658	2.57569	25.4899	8.79676	1
cg17018767	LOXHD1;LOXHD1;LOXHD1	0.0987034	0.858165	0.927414	-1.07827	0.221247	0.581786	-1.71885	0.00744444	0.234133	-4.27108	0.805005	1.10982	1.10982	0.170498	0.540712	-1.84941	0.216094	1.73044	1.73044	0.0618583	0.412375	-2.42498	0.458399	0.727559	-1.37446	0.22788	0.586729	-1.70436	2.57568	7.23876	2.49816	1
cg04452785	RAB43	0.0987047	0.0790002	0.575497	-1.73763	0.676069	0.88777	-1.12642	0.159756	0.653396	-1.53047	0.244626	0.708354	-1.41172	0.0120444	0.411859	-2.42801	0.189476	0.674525	-1.48252	0.0356517	0.500219	-1.99912	0.0542384	0.538557	-1.85681	0.0705811	0.564141	-1.77261	2.57566	3.27379	1.12982	1
cg15888741	RPP38;RPP38;RPP38;C10orf111;RPP38;C10orf111;RPP38;RPP38	0.098706	0.591952	1.05979	1.05979	0.743538	1.03586	1.03586	0.340182	1.11126	1.11126	0.602212	0.945128	-1.05806	0.139721	0.843207	-1.18595	0.138999	0.842905	-1.18637	0.00654365	0.684469	-1.46099	0.50384	1.07551	1.07551	0.391708	1.09875	1.09875	2.57565	0.469801	0.162134	1
cg09921291	LYZL2	0.0987065	0.0657756	0.354458	-2.82121	0.0607303	0.345726	-2.89246	0.686933	0.815848	-1.22572	0.0783337	0.374404	-2.67091	0.285888	0.573058	-1.74503	0.0572757	0.339462	-2.94584	0.0164643	0.229406	-4.35909	0.107413	0.413669	-2.41739	0.629556	1.27654	1.27654	2.57564	10.2941	3.55263	1
cg01412803	RYR2	0.0987066	0.207009	0.743712	-1.34461	0.832165	1.04835	1.04835	0.0238541	0.548836	-1.82204	0.350964	0.80767	-1.23813	0.122321	0.68895	-1.45148	0.249741	0.765175	-1.30689	0.0302664	1.7626	1.7626	0.925095	1.02114	1.02114	0.392114	0.822765	-1.21541	2.57564	2.01963	0.697001	1
cg01805732	PXDN	0.0987072	0.237107	0.629151	-1.58944	0.0395149	0.410305	-2.43721	0.561204	0.802679	-1.24583	0.893235	0.951004	-1.05152	0.0268908	0.375076	-2.66613	0.447165	0.748374	-1.33623	0.0235187	0.363467	-2.75128	0.0226866	0.3604	-2.7747	0.487836	0.768214	-1.30172	2.57563	5.70937	1.97039	1
cg25782835	CEP97	0.0987093	0.00577653	0.569733	-1.75521	0.207354	1.22978	1.22978	0.228662	1.21718	1.21718	0.904247	1.0189	1.0189	0.370165	0.866616	-1.15391	0.475751	1.11942	1.11942	0.189591	0.805616	-1.24129	0.958945	1.00804	1.00804	0.563476	0.913152	-1.09511	2.57561	0.987103	0.340667	1
cg03230769	INMT	0.0987094	0.0727026	0.420666	-2.37718	0.101249	0.460208	-2.17293	0.524837	0.756775	-1.3214	0.381964	0.678562	-1.4737	0.01877	0.291862	-3.42627	0.169036	0.530626	-1.88457	0.0297294	0.330728	-3.02363	0.0228985	0.308139	-3.24529	0.282638	0.61704	-1.62064	2.57561	7.62941	2.63305	1
cg03465506	B3GAT1;B3GAT1	0.0987113	0.753827	0.904447	-1.10565	0.177537	0.632879	-1.58008	0.23098	0.669558	-1.49352	0.319258	0.719935	-1.38902	0.310593	0.715382	-1.39785	0.0235875	0.421877	-2.37036	0.00674915	0.325899	-3.06843	0.490011	1.25089	1.25089	0.306776	0.713354	-1.40183	2.57559	4.15734	1.43479	1
cg23562406	KHK;KHK	0.0987117	0.100269	0.714753	-1.39909	0.0221387	0.599526	-1.66798	0.227904	0.789745	-1.26623	0.360478	0.83918	-1.19164	0.857018	1.03421	1.03421	0.0581721	1.49078	1.49078	0.909964	1.02132	1.02132	0.423875	0.858707	-1.16454	0.199198	1.28787	1.28787	2.57558	1.4188	0.489658	1
cg25021695	OBSCN;OBSCN	0.0987129	0.487661	0.761678	-1.31289	0.452997	0.744419	-1.34333	0.536463	0.785312	-1.27338	0.207875	0.598884	-1.66977	0.288168	0.653292	-1.53071	0.0116544	0.296072	-3.37756	0.00678669	0.258088	-3.87464	0.975537	0.988232	-1.01191	0.923362	0.963533	-1.03785	2.57557	6.0802	2.09842	1
cg19963589	SSBP3;SSBP3;SSBP3	0.0987163	0.111841	0.477383	-2.09475	0.146893	1.94416	1.94416	0.0284357	3.01756	3.01756	0.415698	0.700991	-1.42655	0.659182	1.2087	1.2087	0.131921	2.00256	2.00256	0.0678067	2.39554	2.39554	0.110864	2.09974	2.09974	0.691005	1.18604	1.18604	2.57553	7.43894	2.56739	1
cg05337607	CRAMP1L	0.0987176	0.6311	1.2215	1.2215	0.100607	2.10387	2.10387	0.526049	0.766672	-1.30434	0.828883	1.09364	1.09364	0.00995282	0.260225	-3.84283	0.280886	1.58965	1.58965	0.344237	0.668374	-1.49617	0.893523	1.05694	1.05694	0.0964616	0.470127	-2.12709	2.57552	6.97612	2.40767	1
cg12583325	MDH2	0.0987201	0.0566919	0.194506	-5.14123	0.068652	0.212904	-4.69695	0.048405	0.180544	-5.53883	0.0953903	0.248918	-4.01739	0.166611	0.326474	-3.06303	0.630227	0.691991	-1.44511	0.0103867	0.0863162	-11.5853	0.247745	0.39962	-2.50238	0.109347	0.265764	-3.76274	2.57549	23.5009	8.11095	1
cg23352885	PTPRN2;PTPRN2;PTPRN2	0.0987209	0.638583	1.25431	1.25431	0.067944	2.66236	2.66236	0.675094	1.22375	1.22375	0.559336	1.32681	1.32681	0.0179565	0.252255	-3.96424	0.456766	0.695586	-1.43764	0.926313	1.0453	1.0453	0.0393763	0.319317	-3.13168	0.407043	0.666156	-1.50115	2.57548	9.35746	3.22959	1
cg00837103	COL9A3	0.0987213	0.440555	0.731622	-1.36683	0.0148405	3.28951	3.28951	0.160865	1.81312	1.81312	0.95179	0.976265	-1.02431	0.769124	1.12405	1.12405	0.10299	2.03131	2.03131	0.0534394	2.3907	2.3907	0.321726	1.50189	1.50189	0.201014	0.584767	-1.71008	2.57547	6.43865	2.22221	1
cg14265709	SLCO5A1;SLCO5A1;SLCO5A1	0.0987213	0.0409416	0.450411	-2.2202	0.0202667	0.388181	-2.57612	0.157561	0.599938	-1.66684	0.749483	0.897349	-1.11439	0.860867	1.06111	1.06111	0.630437	0.848837	-1.17808	0.0194296	0.384698	-2.59944	0.367003	0.731027	-1.36794	0.0659062	0.49778	-2.00892	2.57547	4.6622	1.60909	1
cg25214346	NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1	0.0987217	0.0773884	0.368983	-2.71015	0.016662	0.22662	-4.41268	0.0237562	0.253954	-3.93771	0.644965	0.790081	-1.26569	0.0734445	0.362914	-2.75548	0.0883152	0.384811	-2.59868	0.0993508	0.399565	-2.50272	0.113731	0.417314	-2.39627	0.392583	0.640964	-1.56015	2.57547	10.5195	3.63065	1
cg21199023	FEM1C	0.0987223	0.044178	0.363986	-2.74736	0.477606	0.729325	-1.37113	0.13645	2.01648	2.01648	0.382259	0.6759	-1.47951	0.307204	0.629972	-1.58737	0.30898	0.631114	-1.5845	0.0506366	0.377719	-2.64747	0.0818996	2.32269	2.32269	0.25759	0.596633	-1.67607	2.57546	7.79457	2.6902	1
cg10230004	GPLD1;GPLD1	0.0987227	0.792741	1.03426	1.03426	0.651494	1.05989	1.05989	0.125394	0.808827	-1.23636	0.159503	1.21203	1.21203	0.00511232	0.622984	-1.60518	0.75141	1.04149	1.04149	0.971572	1.00457	1.00457	0.821124	0.971447	-1.02939	0.247909	0.856824	-1.1671	2.57546	0.667456	0.230365	1
cg07192043	MTMR1	0.0987233	0.144373	1.64734	1.64734	0.0615288	0.511463	-1.95518	0.395385	0.757986	-1.31929	0.726727	0.894317	-1.11817	0.0687224	0.522792	-1.91281	0.083947	1.83819	1.83819	0.171544	1.58944	1.58944	0.177387	0.633585	-1.57832	0.914683	1.0347	1.0347	2.57545	4.13365	1.42669	1
cg05473871	ADAMTSL5	0.0987256	0.0162866	0.615241	-1.62538	0.0392672	0.674099	-1.48346	0.0428858	0.680231	-1.47009	0.0987222	0.741296	-1.34899	0.764452	0.951526	-1.05094	0.708522	1.06406	1.06406	0.096662	0.739668	-1.35196	0.898948	1.02123	1.02123	0.273305	0.828193	-1.20745	2.57543	1.11517	0.384894	1
cg04892403	5-Sep	0.0987257	0.0645924	1.88111	1.88111	0.764639	0.912661	-1.0957	0.882859	1.0459	1.0459	0.692958	1.12839	1.12839	0.00871987	0.361603	-2.76546	0.267403	1.42143	1.42143	0.311651	0.727173	-1.37519	0.26238	1.42717	1.42717	0.817538	0.932076	-1.07287	2.57542	3.77882	1.30423	1
cg22148934	HLA-J;NCRNA00171	0.098726	0.640637	1.13219	1.13219	0.274092	0.740418	-1.35059	0.133525	0.652217	-1.53323	0.0642663	0.577498	-1.73161	0.925829	0.97571	-1.02489	0.884968	0.962492	-1.03897	0.0621884	1.74098	1.74098	0.0262018	0.498325	-2.00672	0.166352	0.677241	-1.47658	2.57542	2.8446	0.981793	1
cg07835443	C16orf55	0.098728	0.0322879	0.178081	-5.61544	0.841192	1.14807	1.14807	0.571735	0.674806	-1.48191	0.274467	0.45719	-2.18728	0.0709966	0.249491	-4.00816	0.151749	0.347487	-2.87781	0.00739408	0.0929802	-10.755	0.329949	0.500586	-1.99766	0.130498	0.324965	-3.07726	2.5754	19.3237	6.6695	1
cg20609092	SPC25;SPC25	0.0987307	0.0670566	0.35657	-2.8045	0.0897754	2.55895	2.55895	0.126702	2.29319	2.29319	0.664914	1.24476	1.24476	0.644333	0.791721	-1.26307	0.234004	1.87161	1.87161	0.0282726	0.272228	-3.67339	0.4971	1.41392	1.41392	0.786474	1.14616	1.14616	2.57537	10.2948	3.55326	1
cg19341652	DSE;TSPYL1	0.0987326	0.0358217	0.193313	-5.17295	0.684354	1.31658	1.31658	0.856138	0.885044	-1.12989	0.341302	0.51693	-1.9345	0.0680465	0.25281	-3.95554	0.164053	0.368168	-2.71615	0.0148756	0.133218	-7.50646	0.0520168	0.225937	-4.42602	0.160245	0.364384	-2.74436	2.57535	18.4696	6.37485	1
cg26695445	SLC7A5	0.0987329	0.968329	0.993653	-1.00639	0.325308	1.17691	1.17691	0.0626484	0.714635	-1.39931	0.281633	1.19656	1.19656	0.366171	1.16055	1.16055	0.470523	0.888932	-1.12495	0.00781502	0.578347	-1.72907	0.737147	1.05551	1.05551	0.739212	1.05504	1.05504	2.57534	1.0491	0.362099	1
cg06112835	MRPL21;MRPL21	0.0987334	0.282913	0.442193	-2.26145	0.0314107	0.15786	-6.33473	0.955279	1.04187	1.04187	0.299198	0.455243	-2.19663	0.0660614	0.221346	-4.51782	0.085974	0.249652	-4.00558	0.113444	0.283724	-3.52456	0.0100434	0.0928798	-10.7666	0.194994	0.366945	-2.7252	2.57534	21.817	7.53025	1
cg09408260	SNX33	0.0987355	0.152529	1.7775	1.7775	0.490054	1.30106	1.30106	0.451565	1.33363	1.33363	0.727514	1.14032	1.14032	0.0192923	0.345646	-2.89313	0.863753	1.06659	1.06659	0.0155857	3.0442	3.0442	0.979698	1.0096	1.0096	0.756309	1.12395	1.12395	2.57531	5.74693	1.9836	1
cg17926000	LYRM4;LYRM4;FARS2;LYRM4	0.0987375	0.505553	1.09065	1.09065	0.44913	0.905682	-1.10414	0.771643	0.963312	-1.03809	0.638446	0.941022	-1.06267	0.648331	1.06075	1.06075	0.299693	1.14803	1.14803	0.00273099	0.58781	-1.70123	0.595851	0.933557	-1.07117	0.673309	1.05598	1.05598	2.57529	0.672889	0.232255	1
cg02604304	ZNF117	0.0987384	0.0577938	0.207214	-4.82593	0.109675	0.278139	-3.59533	0.0356514	0.166256	-6.01481	0.713223	0.76272	-1.3111	0.0338224	0.162304	-6.16128	0.10149	0.268299	-3.72718	0.0705016	0.226899	-4.40725	0.151386	0.323679	-3.08948	0.0343721	0.163504	-6.11605	2.57528	21.9602	7.57984	1
cg00540238	CATSPER4	0.0987401	0.0735568	1.85737	1.85737	0.161719	1.59005	1.59005	0.849813	1.0606	1.0606	0.101997	1.74282	1.74282	0.0230716	2.32414	2.32414	0.0333289	2.16393	2.16393	0.20117	1.5204	1.5204	0.0401171	2.08784	2.08784	0.739812	0.90173	-1.10898	2.57526	3.92878	1.35607	1
cg03482946	LOC283070	0.0987427	0.771012	0.858193	-1.16524	0.160237	0.455597	-2.19492	0.0794713	0.360579	-2.77332	0.44509	0.665041	-1.50367	0.0279525	0.256453	-3.89935	0.0580697	0.325471	-3.07247	0.0494137	0.308815	-3.23819	0.0155477	0.211217	-4.73446	0.455956	0.671746	-1.48866	2.57523	11.1989	3.8655	1
cg22109623	ZBED4	0.0987434	0.652666	0.80804	-1.23756	0.953938	0.97319	-1.02755	0.624199	1.2615	1.2615	0.0118719	0.228189	-4.38234	0.0375836	0.321436	-3.11104	0.619161	1.26584	1.26584	0.0788366	0.399237	-2.50478	0.380792	1.52645	1.52645	0.22371	0.548041	-1.82468	2.57523	9.02767	3.11607	1
cg10524915	SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPIN	0.0987438	0.168892	0.528491	-1.89218	0.0178345	0.285663	-3.50063	0.0541255	0.386367	-2.58821	0.091049	0.444939	-2.2475	0.0444147	0.36627	-2.73022	0.377815	0.674565	-1.48244	0.0294627	0.327743	-3.05117	0.141382	0.50255	-1.98985	0.167087	0.526873	-1.89799	2.57522	7.7198	2.66464	1
cg11688378	BEND5;AGBL4	0.098744	0.720788	0.903159	-1.10722	0.0278226	0.478128	-2.09149	0.0207176	0.453643	-2.20437	0.447875	0.802895	-1.24549	0.200308	0.681168	-1.46807	0.727247	1.10449	1.10449	0.0317143	0.489353	-2.04352	0.545706	1.18952	1.18952	0.151404	0.64644	-1.54693	2.57522	3.28527	1.13398	1
cg13678453	MGC70857;LRRC24	0.0987459	0.516745	0.886909	-1.12751	0.742491	1.06204	1.06204	0.046824	1.51508	1.51508	0.595262	1.10283	1.10283	0.0797309	1.42619	1.42619	0.0567676	1.48237	1.48237	0.0343448	1.56932	1.56932	0.155847	0.757906	-1.31942	0.903836	1.02231	1.02231	2.5752	1.35929	0.469191	1
cg15900980	GPX1;GPX1	0.0987466	0.658569	0.939691	-1.06418	0.152311	0.806967	-1.23921	0.0262434	0.691581	-1.44596	0.912251	0.984699	-1.01554	0.172263	0.816099	-1.22534	0.604475	1.07583	1.07583	0.0352288	0.709593	-1.40926	0.504603	0.909636	-1.09934	0.0785454	1.31431	1.31431	2.57519	0.797968	0.275438	1
cg02941420	ASAP2;ASAP2	0.0987467	0.693316	0.934613	-1.06996	0.931003	1.01488	1.01488	0.275013	1.21381	1.21381	0.226407	0.805167	-1.24198	0.027687	1.55908	1.55908	0.494122	0.888281	-1.12577	0.0345569	1.52272	1.52272	0.485652	0.886143	-1.12849	0.066284	1.42111	1.42111	2.57519	1.18721	0.409794	1
cg26115276	RUFY1	0.0987504	0.464274	1.21008	1.21008	0.0868594	1.62271	1.62271	0.957474	1.01374	1.01374	0.369405	1.26617	1.26617	0.368713	0.789502	-1.26662	0.555642	1.16486	1.16486	0.00612849	0.400258	-2.49839	0.5442	1.17017	1.17017	0.629462	0.882973	-1.13254	2.57515	2.67297	0.922655	1
cg04948475	UGT2A3;UGT2A3	0.0987528	0.575614	1.18132	1.18132	0.0539548	0.524891	-1.90516	0.0222235	0.445968	-2.24231	0.107104	0.59558	-1.67904	0.550875	1.19457	1.19457	0.822018	1.06863	1.06863	0.268479	0.71208	-1.40434	0.717525	0.898493	-1.11297	0.0261173	0.459491	-2.17632	2.57512	3.54006	1.22197	1
cg22861116	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.0987547	0.163364	6.63159	6.63159	0.27777	4.20109	4.20109	0.337474	3.51671	3.51671	0.14225	7.43509	7.43509	0.470787	2.54211	2.54211	0.60249	0.512613	-1.95079	0.0128079	50.9907	50.9907	0.0151854	44.375	44.375	0.107498	9.33626	9.33626	2.5751	65.9568	22.7674	1
cg04871807	C5orf27	0.0987563	0.53838	0.741649	-1.34835	0.195926	1.92734	1.92734	0.176138	1.99376	1.99376	0.490079	0.714364	-1.39985	0.0121168	0.223026	-4.48378	0.47558	1.41633	1.41633	0.267472	0.574513	-1.7406	0.960241	0.976366	-1.02421	0.0704639	0.379089	-2.6379	2.57508	9.38773	3.24054	1
cg05264279	PTPRN2;PTPRN2;PTPRN2	0.0987589	0.0967816	0.313463	-3.19017	0.0077241	0.113303	-8.82593	0.0716111	0.277992	-3.59722	0.595126	0.710833	-1.4068	0.0800378	0.290559	-3.44164	0.57009	0.694027	-1.44087	0.0341205	0.207331	-4.8232	0.223408	0.443059	-2.25704	0.457115	0.617606	-1.61915	2.57505	16.5155	5.70103	1
cg26049998	PITPNC1;PITPNC1	0.0987594	0.0453438	0.197146	-5.07238	0.961634	1.03461	1.03461	0.106292	3.48175	3.48175	0.161337	0.347149	-2.8806	0.109152	0.29065	-3.44056	0.277748	0.450065	-2.2219	0.122661	0.30632	-3.26456	0.0421345	0.19089	-5.23861	0.148886	0.33455	-2.98909	2.57505	20.4032	7.04304	1
cg11990308	ATP11A;ATP11A	0.0987598	0.476786	0.897429	-1.11429	0.848035	1.02911	1.02911	0.482975	1.11255	1.11255	0.291944	0.849104	-1.17771	0.214297	0.822356	-1.21602	0.451405	1.12163	1.12163	0.00465477	0.569496	-1.75594	0.246104	0.834054	-1.19896	0.326601	1.16358	1.16358	2.57504	0.912638	0.315037	1
cg08571049	PLEKHJ1;SF3A2	0.0987601	0.00885881	0.637116	-1.56957	0.871136	1.02221	1.02221	0.122554	0.797388	-1.25409	0.226151	0.842003	-1.18764	0.576119	1.07942	1.07942	0.501422	0.911808	-1.09672	0.69093	0.94736	-1.05556	0.314492	1.15113	1.15113	0.118585	1.25766	1.25766	2.57504	0.746713	0.257761	1
cg02732974	CXADRP3	0.0987605	0.105541	0.338604	-2.9533	0.49414	0.653623	-1.52993	0.0392252	0.231977	-4.31077	0.601399	0.724125	-1.38098	0.0565441	0.266596	-3.75099	0.247511	0.476893	-2.09691	0.0204287	0.180671	-5.53493	0.804144	1.16436	1.16436	0.0280336	0.204063	-4.90044	2.57503	15.296	5.2801	1
cg08557799	CYP21A2;CYP21A2	0.0987609	0.387328	0.893066	-1.11974	0.0359607	0.732418	-1.36534	0.0792427	0.779825	-1.28234	0.95955	1.00649	1.00649	0.543165	1.08172	1.08172	0.181525	1.19844	1.19844	0.0497534	1.33064	1.33064	0.186397	0.836286	-1.19576	0.991753	1.00132	1.00132	2.57503	0.664356	0.229333	1
cg10396177	C16orf5	0.0987644	0.225531	1.52855	1.52855	0.61701	0.845281	-1.18304	0.535177	1.23289	1.23289	0.854612	1.06306	1.06306	0.0519362	0.478428	-2.09018	0.290043	1.44207	1.44207	0.0204252	0.393974	-2.53824	0.280979	0.688271	-1.45292	0.0810326	0.524713	-1.9058	2.57499	4.53246	1.56461	1
cg15446238	BAD;BAD	0.0987651	0.468278	0.895855	-1.11625	0.0303002	1.46157	1.46157	0.160158	1.25061	1.25061	0.729579	1.05308	1.05308	0.203039	1.22171	1.22171	0.038803	0.700085	-1.4284	0.538292	1.09731	1.09731	0.405741	1.13515	1.13515	0.0888411	1.32273	1.32273	2.57498	0.90574	0.312663	1
cg02332123	OR2M5	0.0987657	0.0464965	0.147959	-6.75861	0.0375275	0.132338	-7.5564	0.122179	0.245645	-4.07091	0.466396	0.537337	-1.86103	0.0292948	0.116283	-8.59971	0.150501	0.274873	-3.63805	0.0453004	0.145966	-6.85089	0.092885	0.212384	-4.70845	0.0583777	0.166562	-6.00377	2.57498	28.6399	9.88658	1
cg09213106	DHX35	0.0987679	0.0695601	2.32732	2.32732	0.339206	0.667177	-1.49885	0.183845	1.78931	1.78931	0.103242	2.09389	2.09389	0.317556	1.52903	1.52903	0.538574	0.774838	-1.29059	0.375825	1.45229	1.45229	0.0223816	0.316099	-3.16357	0.57973	1.25746	1.25746	2.74024	7.10447	2.0165	1
cg16019751	PIP5K1C	0.0987679	0.0591854	0.419659	-2.38289	0.586337	0.79935	-1.25102	0.104134	0.48471	-2.06309	0.585589	1.25159	1.25159	0.0055572	0.22655	-4.41404	0.593869	0.803017	-1.2453	0.640995	0.825786	-1.21097	0.332065	0.665061	-1.50362	0.0759438	0.44708	-2.23674	2.57495	6.77535	2.33889	1
cg04203646	APC2	0.098768	0.265316	1.4371	1.4371	0.118965	1.6966	1.6966	0.120851	1.69129	1.69129	0.880954	1.04793	1.04793	0.531942	1.21869	1.21869	0.0311184	2.20409	2.20409	0.0227343	2.3437	2.3437	0.0214158	2.37141	2.37141	0.761508	0.909291	-1.09976	2.57495	3.97959	1.37378	1
cg13315450	STK16;STK16	0.0987706	0.184562	0.621174	-1.60985	0.475562	0.782342	-1.27821	0.153892	1.67614	1.67614	0.566895	0.822151	-1.21632	0.465673	0.777876	-1.28555	0.112389	0.557234	-1.79458	0.525398	0.804351	-1.24324	0.00547851	0.290625	-3.44086	0.182438	0.619565	-1.61404	2.57492	4.66806	1.61146	1
cg02892589	DDX3X	0.0987712	0.633328	1.05631	1.05631	0.684747	0.954541	-1.04762	0.536999	0.931226	-1.07385	0.62038	1.05856	1.05856	0.456982	1.09018	1.09018	0.0680749	0.792239	-1.26224	0.0134245	0.705436	-1.41756	0.749099	1.03725	1.03725	0.0590813	1.27499	1.27499	2.57491	0.529817	0.182899	1
cg24436462	ARPC5	0.0987722	0.51701	0.714895	-1.39881	0.00701811	0.168504	-5.93457	0.322746	0.593449	-1.68506	0.37899	0.630597	-1.5858	0.316018	0.588841	-1.69825	0.133328	0.437252	-2.28701	0.313322	1.70363	1.70363	0.140078	2.25017	2.25017	0.592091	0.758578	-1.31826	2.5749	10.6431	3.67413	1
cg11906131	RNU5E;RNU5D	0.0987725	0.51966	0.78583	-1.27254	0.297777	1.48969	1.48969	0.416998	1.35838	1.35838	0.0851929	0.495225	-2.01928	0.00532567	0.257745	-3.87981	0.244309	0.63777	-1.56796	0.362797	0.707952	-1.41253	0.519301	0.785662	-1.27281	0.297511	0.671123	-1.49004	2.5749	5.56054	1.91957	1
cg25483854	GFRA1;GFRA1;GFRA1	0.0987733	0.172069	0.735682	-1.35928	0.299186	0.796747	-1.2551	0.00764446	0.484765	-2.06286	0.585822	0.890306	-1.12321	0.0887746	0.672721	-1.4865	0.119593	0.700025	-1.42852	0.412035	1.19377	1.19377	0.325039	1.23937	1.23937	0.903175	0.974628	-1.02603	2.57489	1.81851	0.627775	1
cg08876662	DHDDS;DHDDS	0.0987762	0.127644	2.17514	2.17514	0.71943	1.18551	1.18551	0.330121	1.60656	1.60656	0.167409	2.0022	2.0022	?	?	?	0.00796933	0.200968	-4.97593	0.848622	1.09434	1.09434	0.862766	0.921624	-1.08504	0.914525	0.950612	-1.05195	2.60332	8.15643	3.13308	1
cg25602692	RILPL1	0.098779	0.103662	0.315199	-3.1726	0.796416	1.18261	1.18261	0.799041	0.847464	-1.17999	0.686836	1.30074	1.30074	0.00878468	0.114752	-8.71442	0.0723829	0.272324	-3.67209	0.0335082	0.199607	-5.00985	0.694246	0.773902	-1.29215	0.424431	0.58906	-1.69762	2.57483	17.1637	5.9253	1
cg23160016	GABRA2;GABRA2;GABRA2	0.0987793	0.0884922	3.69446	3.69446	0.0177865	0.134813	-7.41769	0.308358	2.08171	2.08171	?	?	?	0.615415	1.42223	1.42223	?	?	?	0.278652	0.456888	-2.18872	0.271133	0.45082	-2.21818	0.957859	1.03743	1.03743	2.63852	15.7169	6.80765	1
cg15637765	TRIO	0.0987803	0.116702	0.248621	-4.02219	0.30329	2.38852	2.38852	0.426311	1.94121	1.94121	0.261978	0.384761	-2.59902	0.0232376	0.109132	-9.16323	0.523463	0.589782	-1.69554	0.0422633	0.14803	-6.75539	0.0617885	0.179477	-5.57174	0.262363	0.385082	-2.59685	2.57481	27.1915	9.38719	1
cg21921584	CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.0987815	0.299423	0.858165	-1.16528	0.616942	1.07436	1.07436	0.00603238	1.66567	1.66567	0.343205	0.870328	-1.14899	0.358211	0.874257	-1.14383	0.136264	0.795868	-1.25649	0.518213	0.911044	-1.09764	0.433799	0.892618	-1.1203	0.731425	0.952177	-1.05022	2.5748	0.82494	0.284791	1
cg13995006	MED30	0.0987841	0.148854	0.671431	-1.48936	0.528751	1.17845	1.17845	0.727445	1.0942	1.0942	0.0147161	0.461854	-2.16519	0.0621941	0.582643	-1.71632	0.600212	1.14575	1.14575	0.573634	1.15753	1.15753	0.0718049	0.596213	-1.67725	0.482806	1.20144	1.20144	2.57477	2.69953	0.931961	1
cg01611622	SBSN;SBSN;SBSN	0.098786	0.0402538	0.128274	-7.79579	0.309696	0.402121	-2.48681	0.50356	0.555295	-1.80084	0.0896514	0.197603	-5.06066	0.162529	0.274695	-3.6404	0.12475	0.236878	-4.22159	0.00849768	0.0544282	-18.3728	0.0451228	0.136406	-7.33107	0.20387	0.312826	-3.19666	2.57475	30.624	10.5724	1
cg04213101	THRAP3	0.0987893	0.465496	0.876952	-1.14031	0.252057	1.23555	1.23555	0.0156444	1.68853	1.68853	0.75929	1.05583	1.05583	0.621958	0.915888	-1.09184	0.584548	0.907006	-1.10253	0.034022	1.5487	1.5487	0.0472898	1.49366	1.49366	0.964491	1.0079	1.0079	2.57471	1.27436	0.439957	1
cg19845843	BEND2	0.0987941	0.0735477	0.351958	-2.84125	0.434468	0.658747	-1.51803	0.0426742	0.294825	-3.39184	0.356375	0.608637	-1.64302	0.036014	0.278988	-3.58438	0.0136288	0.202441	-4.93972	0.693081	0.812507	-1.23076	0.673905	0.801296	-1.24798	0.463112	1.47834	1.47834	2.57466	11.1717	3.85696	1
cg19098710	RASAL1	0.0987948	0.211829	2.6304	2.6304	0.0774938	4.2334	4.2334	0.221194	2.57441	2.57441	0.388098	0.521807	-1.91642	0.114301	0.282786	-3.53624	0.195485	2.73667	2.73667	0.646604	0.712158	-1.40418	0.0188045	8.10924	8.10924	0.355728	2.01083	2.01083	2.57465	22.0483	7.61209	1
cg09095777	SPRYD3	0.0987957	0.0437662	0.252611	-3.95866	0.576133	1.39834	1.39834	0.916847	1.06396	1.06396	0.409529	0.606102	-1.64989	0.0264372	0.20964	-4.77009	0.561941	1.41638	1.41638	0.0230492	0.199198	-5.02013	0.930451	0.9495	-1.05319	0.105694	0.35023	-2.85526	2.57464	14.37	4.9612	1
cg01073332	UCKL1;MIR1914;MIR647	0.0987974	0.587229	1.15382	1.15382	0.134797	1.52327	1.52327	0.0366292	1.88495	1.88495	0.70359	1.10494	1.10494	0.275539	1.34462	1.34462	0.849193	1.05095	1.05095	0.977448	1.00741	1.00741	0.003947	2.75154	2.75154	0.229742	1.38952	1.38952	2.57462	2.77855	0.959295	1
cg27056853	DPP8;DPP8;DPP8;DPP8;DPP8	0.0987978	0.707472	1.03781	1.03781	0.374362	1.09392	1.09392	0.98191	1.00223	1.00223	0.00555502	1.43139	1.43139	0.195814	0.874001	-1.14416	0.857942	1.0178	1.0178	0.0717167	1.2189	1.2189	0.698016	1.03913	1.03913	0.385064	0.916063	-1.09163	2.57462	0.395193	0.136441	1
cg18615051	REM1	0.0987992	0.932954	0.988471	-1.01166	0.946398	1.00931	1.00931	0.0868038	0.770548	-1.29778	0.819503	1.032	1.032	0.979645	1.00352	1.00352	0.761485	0.958914	-1.04285	0.00240318	0.558351	-1.79099	0.505086	0.911008	-1.09769	0.881876	1.0207	1.0207	2.5746	0.774423	0.267372	1
cg15875068	RFESD;RFESD;RFESD	0.0987999	0.340484	1.95399	1.95399	0.694672	1.30732	1.30732	0.88854	0.909194	-1.09988	0.169634	2.72587	2.72587	0.319988	2.01589	2.01589	0.332401	1.97781	1.97781	0.0109755	0.105707	-9.4601	?	?	?	?	?	?	2.80088	15.5623	5.55622	1
cg10055227	GOT2	0.0988037	0.671912	1.03094	1.03094	0.678196	1.03029	1.03029	0.191483	1.10396	1.10396	0.0241121	0.825015	-1.2121	0.0241932	0.825139	-1.21192	0.718864	0.974478	-1.02619	0.7526	1.02287	1.02287	0.630978	0.965979	-1.03522	0.132423	1.12313	1.12313	2.57455	0.208559	0.0720071	1
cg15500067	HMBS	0.0988043	0.891179	0.98629	-1.0139	0.167244	1.16006	1.16006	0.159231	1.16383	1.16383	0.0969138	1.20172	1.20172	0.472362	0.928936	-1.0765	0.0110156	0.724976	-1.37936	0.616882	0.950407	-1.05218	0.798149	1.02618	1.02618	0.35326	1.10111	1.10111	2.57454	0.414683	0.143174	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22228373	SLC39A1;CREB3L4	0.0988043	0.474192	0.855229	-1.16928	0.980143	0.994667	-1.00536	0.0392063	1.66976	1.66976	0.328042	0.804996	-1.24224	0.665417	0.910753	-1.09799	0.149429	1.39391	1.39391	0.0375423	0.595428	-1.67946	0.0798324	1.51839	1.51839	0.55257	1.1378	1.1378	2.57454	1.88239	0.649917	1
cg16431963	NSUN2;SRD5A1	0.0988066	0.0118906	0.485842	-2.05828	0.364695	1.23882	1.23882	0.403184	1.21737	1.21737	0.273086	0.769312	-1.29986	0.467439	0.843661	-1.18531	0.313227	0.786764	-1.27103	0.0488062	0.596102	-1.67756	0.879189	1.03559	1.03559	0.232309	1.33376	1.33376	2.57452	2.15554	0.744231	1
cg18406570	DLG2;DLG2;DLG2	0.0988082	0.528551	0.746936	-1.3388	0.923857	0.957255	-1.04465	0.0691981	0.394927	-2.53211	0.340966	0.638631	-1.56585	0.215786	0.551383	-1.81362	0.581263	0.775254	-1.2899	0.373681	0.658819	-1.51787	0.00956426	4.47933	4.47933	0.38946	1.49633	1.49633	2.5745	8.51479	2.93987	1
cg18794664	ZMYND12;PPCS;ZMYND12;PPCS	0.0988089	0.359914	0.648107	-1.54295	0.122775	2.16071	2.16071	0.380553	1.51351	1.51351	0.366592	1.53323	1.53323	0.135522	0.47651	-2.09859	0.266172	1.70545	1.70545	0.00783392	4.81835	4.81835	0.310674	1.62145	1.62145	0.950899	1.02878	1.02878	2.57449	8.65618	2.9887	1
cg21569854	PACS2;PACS2	0.0988104	0.0211895	0.252686	-3.95748	0.335758	0.610931	-1.63685	0.0160486	0.231524	-4.31921	0.618165	0.77921	-1.28335	0.0475642	0.324654	-3.0802	0.126756	0.440434	-2.27049	0.377905	0.638169	-1.56698	0.157418	0.472101	-2.11819	0.0542639	0.338114	-2.95758	2.57448	10.0493	3.46972	1
cg07219303	ADH6;ADH6	0.0988112	0.0171451	0.0970467	-10.3043	0.156256	0.295873	-3.37983	0.0610673	0.183616	-5.44616	0.0414873	0.151418	-6.60424	0.058582	0.179847	-5.56029	0.0463649	0.160048	-6.24813	0.236535	0.369399	-2.7071	0.967169	0.967492	-1.0336	0.280402	0.406189	-2.46191	2.57447	26.2882	9.07656	1
cg00219921	CD8A;CD8A;CD8A;CD8A	0.0988118	0.818448	0.954926	-1.0472	0.140808	1.37406	1.37406	0.426233	0.849615	-1.177	0.0435107	0.627724	-1.59306	0.298972	1.24103	1.24103	0.102252	1.43149	1.43149	0.04942	1.56799	1.56799	0.867149	1.03415	1.03415	0.106797	1.42362	1.42362	2.57446	1.64064	0.566469	1
cg01651364	CCDC82;JRKL	0.098812	0.177836	0.792212	-1.26229	0.0734066	1.38366	1.38366	0.1888	0.797333	-1.25418	0.291662	0.836954	-1.19481	0.276264	1.20229	1.20229	0.186307	1.25598	1.25598	0.253328	0.823602	-1.21418	0.0403035	1.47014	1.47014	0.495092	1.11929	1.11929	2.57446	1.07894	0.372529	1
cg05325887	C16orf11	0.0988127	0.103457	0.300181	-3.33133	0.0195252	6.73452	6.73452	0.850524	0.880313	-1.13596	0.804636	0.845807	-1.1823	0.16654	0.36909	-2.70937	0.233767	0.430195	-2.32453	0.0760424	0.263419	-3.79623	0.907697	0.924619	-1.08153	0.135427	0.33709	-2.96656	2.57445	18.617	6.42795	1
cg17284779	CHAT;SLC18A3	0.0988128	0.820396	0.92523	-1.08081	0.0295653	2.40008	2.40008	0.832933	1.07486	1.07486	0.0107933	2.98737	2.98737	0.216681	0.641309	-1.55931	0.480673	1.27759	1.27759	0.289729	0.686927	-1.45576	0.973855	0.988863	-1.01126	0.479397	1.27854	1.27854	2.57445	4.76176	1.64411	1
cg17999393	SLC20A2	0.0988154	0.548933	0.818677	-1.22148	0.0151112	0.373484	-2.67749	0.169744	0.617253	-1.62008	0.322159	0.713632	-1.40128	0.00879841	0.332694	-3.00577	0.335469	0.720614	-1.38771	0.0640145	0.503247	-1.98709	0.687566	0.875144	-1.14267	0.213087	0.648841	-1.54121	2.57442	4.43719	1.53206	1
cg05880105	MIR150	0.0988165	0.0740443	0.461835	-2.16528	0.095177	0.49091	-2.03703	0.189322	0.583003	-1.71526	0.463352	0.748519	-1.33597	0.00779254	0.265623	-3.76474	0.17153	0.568431	-1.75923	0.0764004	0.465353	-2.1489	0.0662022	0.449497	-2.22471	0.0967411	0.492869	-2.02893	2.57441	6.13977	2.11993	1
cg22372131	MUC21	0.0988185	0.64323	1.22535	1.22535	0.389009	0.680699	-1.46908	0.430832	0.704457	-1.41953	0.100182	0.456221	-2.19192	0.252962	0.594384	-1.68241	0.348464	1.52282	1.52282	0.00711591	0.219862	-4.5483	0.153969	0.514275	-1.94448	0.0833625	0.433825	-2.30508	2.57438	7.73997	2.67247	1
cg14906110	MIR377	0.0988193	0.0556664	0.397858	-2.51346	0.0707731	0.423938	-2.35884	0.022792	0.314043	-3.18428	0.289327	0.626575	-1.59598	0.185785	0.550837	-1.81542	0.0857495	0.446118	-2.24156	0.0201177	0.303714	-3.29257	0.0725234	0.426692	-2.34361	0.301309	0.634324	-1.57648	2.57438	7.36598	2.54335	1
cg12091567	LOC651250	0.0988193	0.299276	1.32191	1.32191	?	?	?	0.00611171	2.53029	2.53029	0.129046	0.653436	-1.53037	0.420897	1.23777	1.23777	0.813648	1.06317	1.06317	0.173135	1.4565	1.4565	0.532814	1.17808	1.17808	0.9347	1.02149	1.02149	2.60283	2.46598	0.947424	1
cg02250787	HTR2A;HTR2A;HTR2A;HTR2A	0.0988201	0.166469	0.577654	-1.73114	0.27538	1.52516	1.52516	0.322738	0.6839	-1.4622	0.231506	0.626997	-1.5949	0.0462043	0.427579	-2.33875	0.506138	0.778076	-1.28522	0.0101373	0.299271	-3.34145	0.129861	0.544098	-1.8379	0.121522	0.535573	-1.86716	2.57437	5.64138	1.94788	1
cg19306970	HLX	0.0988211	0.64293	0.75782	-1.31957	0.0551393	3.6382	3.6382	0.755168	1.20418	1.20418	0.1333	0.382163	-2.61669	0.0182111	0.182183	-5.48897	0.323392	1.83278	1.83278	0.356085	1.75738	1.75738	0.310007	1.86635	1.86635	0.424898	0.616296	-1.6226	2.57435	14.3847	4.96685	1
cg10871523	SCLT1;C4orf33;SCLT1	0.0988271	0.241883	1.69739	1.69739	0.0679623	2.41816	2.41816	0.304354	1.58324	1.58324	0.610193	1.24867	1.24867	0.031265	0.335705	-2.9788	?	?	?	?	?	?	0.26428	1.65301	1.65301	0.298886	0.628087	-1.59214	2.63795	6.06269	2.62658	1
cg26987697	NFXL1	0.0988288	0.46233	1.09576	1.09576	0.108446	0.807328	-1.23865	0.403199	0.900724	-1.11022	0.640787	1.05912	1.05912	0.716942	1.04551	1.04551	0.270607	1.1505	1.1505	0.00852198	0.663436	-1.50731	0.160018	0.832367	-1.20139	0.165981	0.834804	-1.19789	2.57427	0.609079	0.210313	1
cg11150901	KMO	0.0988292	0.0409538	0.258651	-3.86621	0.0133928	0.172774	-5.78791	0.0361831	0.247482	-4.04069	0.350977	0.576788	-1.73374	0.0496677	0.277038	-3.60962	0.0915478	0.344708	-2.901	0.507007	0.679844	-1.47093	0.160132	0.42305	-2.36379	0.434987	0.633429	-1.57871	2.57426	13.3974	4.62609	1
cg10027017	EP400	0.0988295	0.336213	0.71367	-1.40121	0.721547	0.885378	-1.12946	0.868329	1.05807	1.05807	0.139115	1.71871	1.71871	0.163727	0.603147	-1.65797	0.375204	0.733726	-1.36291	0.134701	1.73089	1.73089	0.00954822	3.0546	3.0546	0.851962	1.06562	1.06562	2.57426	4.71844	1.62927	1
cg13066043	RIPK3	0.09883	0.0255826	10.413	10.413	0.0732515	5.839	5.839	0.598064	1.59991	1.59991	0.844804	0.841032	-1.18902	0.73763	1.34581	1.34581	0.766596	1.30076	1.30076	0.0153898	13.8316	13.8316	0.23677	2.98919	2.98919	0.0347572	8.79319	8.79319	2.57426	31.8143	10.9854	1
cg15676371	FGFR4;FGFR4;FGFR4	0.0988326	0.130235	0.717325	-1.39407	0.931485	1.01763	1.01763	0.241159	1.28327	1.28327	0.0337579	0.604134	-1.65526	0.0646293	0.655791	-1.52488	0.023429	0.576723	-1.73394	0.28583	0.798256	-1.25273	0.917116	1.02139	1.02139	0.715268	1.07732	1.07732	2.57423	1.68464	0.581714	1
cg27347434	CNOT10	0.0988335	0.0910236	0.44056	-2.26984	0.0242971	0.306606	-3.26152	0.231932	1.73681	1.73681	0.673187	1.20539	1.20539	0.58434	0.784069	-1.2754	0.087989	0.436448	-2.29122	0.495883	0.737516	-1.3559	0.0291088	0.322269	-3.103	0.230228	0.574493	-1.74067	2.57422	7.90496	2.72962	1
cg24346659	DENND3	0.0988345	0.527443	0.827377	-1.20864	0.365299	1.31694	1.31694	0.0877623	0.572498	-1.74673	0.10552	0.592511	-1.68773	0.268057	0.710741	-1.40698	0.528278	1.20816	1.20816	0.0318843	2.10496	2.10496	0.454645	1.25283	1.25283	0.0970458	0.583312	-1.71435	2.5742	3.5713	1.23319	1
cg19515239	SEMA3F	0.0988369	0.344575	1.91903	1.91903	0.0577699	4.20548	4.20548	0.426005	1.7233	1.7233	0.0247192	5.99133	5.99133	0.398378	0.560505	-1.78411	0.0805614	3.66065	3.66065	0.441756	1.69075	1.69075	0.0175229	6.92899	6.92899	0.229298	2.32711	2.32711	2.57418	18.2759	6.31085	1
cg01939522	ABCA13	0.0988385	0.586495	0.863104	-1.15861	0.0244074	0.487287	-2.05218	0.388158	1.26755	1.26755	0.3632	1.28466	1.28466	0.688081	1.11425	1.11425	0.353169	1.29186	1.29186	0.021869	2.09052	2.09052	0.141399	1.52793	1.52793	0.391546	1.2653	1.2653	2.57416	2.92936	1.01154	1
cg25181749	CDK8	0.0988401	0.0568526	0.540723	-1.84937	0.933792	1.02399	1.02399	0.557084	1.18461	1.18461	0.436355	0.797298	-1.25424	0.131277	0.628272	-1.59167	0.181754	0.667397	-1.49836	0.208718	0.685198	-1.45943	0.0951634	1.68721	1.68721	0.0585428	1.8398	1.8398	2.57414	3.31778	1.14568	1
cg11192808	SPAG1;SPAG1	0.0988411	0.33851	0.875957	-1.14161	0.446603	1.10975	1.10975	0.788069	1.03683	1.03683	0.703609	1.05265	1.05265	0.193369	0.831305	-1.20293	0.736617	1.04636	1.04636	0.00281674	0.575592	-1.73734	0.79298	0.965309	-1.03594	0.832134	1.0289	1.0289	2.57413	0.734627	0.253679	1
cg09273772	TOP2A	0.0988411	0.339149	1.35825	1.35825	0.0472819	2.02471	2.02471	0.0521334	1.9869	1.9869	0.22705	1.48313	1.48313	0.930195	1.0276	1.0276	0.743713	0.903065	-1.10734	0.136339	0.607258	-1.64675	0.0782905	0.544488	-1.83659	0.257028	1.44434	1.44434	2.57413	3.93788	1.35981	1
cg14106046	B3GNTL1	0.0988422	0.0707489	0.406695	-2.45885	0.950253	1.02819	1.02819	0.0152526	0.265121	-3.77186	0.251525	0.586394	-1.70534	0.143979	0.496869	-2.0126	0.524605	1.33281	1.33281	0.0925499	0.438329	-2.28139	0.322746	1.57633	1.57633	0.112783	0.46342	-2.15787	2.57412	8.09352	2.79484	1
cg21770182	KIF16B;KIF16B	0.0988424	0.631664	0.927725	-1.07791	0.136642	1.28282	1.28282	0.169169	1.25547	1.25547	0.490845	0.897004	-1.11482	0.694026	1.06334	1.06334	0.498429	0.898756	-1.11265	0.00806764	0.590347	-1.69392	0.392976	1.14559	1.14559	0.28365	1.18888	1.18888	2.57412	0.983518	0.339626	1
cg11419186	CMIP	0.0988427	0.262619	0.636442	-1.57124	0.0733024	2.16547	2.16547	0.803879	1.10105	1.10105	0.209936	1.66725	1.66725	0.0743626	0.463397	-2.15798	0.788327	0.901127	-1.10972	0.0250326	0.356495	-2.80509	0.268347	1.5621	1.5621	0.717913	0.869054	-1.15068	2.57411	6.10191	2.1071	1
cg12095491	CAST;CAST;CAST;CAST;CAST	0.0988444	0.0882113	0.747441	-1.3379	0.0271942	0.667308	-1.49856	0.0583756	0.718235	-1.3923	0.178213	0.801438	-1.24776	0.0596208	0.719695	-1.38948	0.121849	1.29626	1.29626	0.739091	0.949594	-1.05308	0.732954	0.948385	-1.05442	0.617229	0.924995	-1.08109	2.57409	0.976104	0.337069	1
cg03086857	EDNRB;EDNRB;EDNRB	0.0988454	0.397331	0.696006	-1.43677	0.13185	0.506563	-1.97409	0.018596	0.303262	-3.29748	0.820959	0.909568	-1.09942	0.434571	0.716493	-1.39569	0.405516	0.70057	-1.42741	0.170704	0.543343	-1.84046	0.8905	1.05929	1.05929	0.0302805	2.9009	2.9009	2.57408	7.12824	2.46154	1
cg15726387	USP48;USP48	0.0988454	0.290961	0.86555	-1.15533	0.890506	0.982015	-1.01831	0.433453	0.90004	-1.11106	0.941579	1.0097	1.0097	0.6396	1.06411	1.06411	0.887958	0.981597	-1.01875	0.00263688	1.73044	1.73044	0.560364	0.925352	-1.08067	0.939184	0.989997	-1.0101	2.57408	0.70775	0.244402	1
cg26332552	MIR922;KIAA0226;KIAA0226	0.0988465	0.218239	0.606304	-1.64934	0.185281	1.72072	1.72072	0.406629	1.38818	1.38818	0.11604	0.516886	-1.93466	0.0233823	0.351129	-2.84796	0.0436065	0.408053	-2.45066	0.836064	1.08335	1.08335	0.477614	1.32176	1.32176	0.718023	1.15039	1.15039	2.57407	6.0855	2.10147	1
cg02141675	GALNT10	0.098847	0.456508	0.914745	-1.0932	0.0126988	1.43899	1.43899	0.0476592	1.30491	1.30491	0.965768	1.00506	1.00506	0.0858107	1.24994	1.24994	0.928773	0.989549	-1.01056	0.172521	0.843153	-1.18602	0.599204	1.0643	1.0643	0.533539	1.07691	1.07691	2.57406	0.56292	0.19439	1
cg11631427	TBX2	0.0988493	0.595632	1.52411	1.52411	0.639898	0.69023	-1.44879	0.124559	0.270266	-3.70006	0.239016	0.379008	-2.63847	0.157675	0.304626	-3.28272	0.0286198	0.131118	-7.62671	0.0112984	0.082393	-12.137	0.966094	0.967109	-1.03401	0.0747033	0.209713	-4.76841	2.57404	25.2363	8.71481	1
cg16774942	DDX17;DDX17	0.0988513	0.101826	1.49617	1.49617	0.262034	1.30097	1.30097	0.079287	0.645151	-1.55002	0.169101	1.3904	1.3904	0.136174	1.43511	1.43511	0.530626	1.15362	1.15362	0.0459765	1.67288	1.67288	0.243108	0.75973	-1.31626	0.407226	0.826354	-1.21014	2.57402	2.06333	0.712533	1
cg03224792	DCAF12L1	0.0988515	0.757144	0.880493	-1.13573	0.219021	0.588368	-1.69962	0.279459	0.630427	-1.58623	0.705865	1.16833	1.16833	0.0276137	0.343456	-2.91158	0.643018	1.21108	1.21108	0.0268258	2.9333	2.9333	0.173438	1.81175	1.81175	0.514755	1.31134	1.31134	2.57401	6.86334	2.37013	1
cg26521092	DAXX;DAXX;DAXX;DAXX	0.0988535	0.300895	1.17889	1.17889	0.676525	1.06654	1.06654	0.02316	1.51712	1.51712	0.538057	0.908718	-1.10045	0.932936	0.987161	-1.01301	0.753517	0.952789	-1.04955	0.133048	1.28251	1.28251	0.0244326	0.662551	-1.50932	0.421596	0.881577	-1.13433	2.57399	0.960921	0.331839	1
cg23415489	KIF9;KIF9;KIF9;KLHL18	0.0988568	0.11939	0.851007	-1.17508	0.246979	1.12251	1.12251	0.0355604	1.26313	1.26313	0.347816	0.911848	-1.09667	0.246782	1.12257	1.12257	0.998716	1.00015	1.00015	0.115678	0.849374	-1.17734	0.144781	0.861123	-1.16127	0.24184	1.12406	1.12406	2.57396	0.371535	0.128306	1
cg19267259	ACOT7	0.0988573	0.540097	1.30298	1.30298	0.590931	1.26051	1.26051	0.91717	0.956584	-1.04539	0.415703	0.701208	-1.42611	0.662101	0.828923	-1.20638	0.00335166	0.182105	-5.49133	0.149307	0.516981	-1.93431	0.159615	0.52665	-1.8988	0.751859	1.14493	1.14493	2.57395	7.42159	2.56297	1
cg20751926	MMP15	0.0988578	0.874911	0.947011	-1.05595	0.0584607	0.477656	-2.09356	0.693282	1.14682	1.14682	0.896051	1.04621	1.04621	0.119914	0.558181	-1.79153	0.771577	1.10584	1.10584	0.0105949	0.329262	-3.0371	0.11992	1.79151	1.79151	0.796037	0.914371	-1.09365	2.57394	4.86879	1.6814	1
cg01610164	FBXO41	0.098859	0.0442216	2.85146	2.85146	0.0161626	3.79619	3.79619	0.150632	2.01051	2.01051	0.137667	2.06425	2.06425	0.187403	1.88404	1.88404	0.879369	0.933466	-1.07128	0.0274738	3.26162	3.26162	0.144946	2.03336	2.03336	0.128565	2.10578	2.10578	2.57393	8.37825	2.89337	1
cg09443102	COL18A1	0.0988611	0.756831	1.06218	1.06218	0.376153	1.19292	1.19292	0.165417	1.3329	1.3329	0.211553	1.29127	1.29127	0.283511	0.8054	-1.24162	0.0759384	1.46757	1.46757	0.0601042	1.50969	1.50969	0.0164619	1.76695	1.76695	0.0575366	1.51767	1.51767	2.57391	1.53783	0.531083	1
cg13592872	C11orf21;TSPAN32;C11orf21	0.0988624	0.0869282	0.484866	-2.06243	0.472382	0.755873	-1.32297	0.0320427	0.382222	-2.61628	0.0772068	0.471276	-2.1219	0.00904598	0.28071	-3.5624	0.229327	0.616922	-1.62095	0.0866805	0.484534	-2.06384	0.315735	0.672199	-1.48765	0.125461	0.529948	-1.88698	2.57389	5.97696	2.06413	1
cg23012579	ERGIC1	0.0988626	0.318282	0.286768	-3.48714	0.112195	8.11981	8.11981	0.536438	2.13413	2.13413	0.103327	8.64933	8.64933	0.282117	0.258338	-3.8709	0.647145	0.572306	-1.74732	0.223454	4.70621	4.70621	0.00945854	53.6368	53.6368	0.887109	0.841972	-1.18769	2.57389	59.7754	20.6433	1
cg08968947	PMS2L2;STAG3L1;STAG3L1;STAG3L1;STAG3L1	0.0988629	0.308522	0.755852	-1.32301	0.529596	0.844402	-1.18427	0.825396	0.94301	-1.06043	0.00336253	0.346633	-2.8849	0.250709	1.3754	1.3754	0.951948	1.01613	1.01613	0.832484	1.05786	1.05786	0.300645	0.752139	-1.32954	0.167275	0.676401	-1.47841	2.57389	2.87514	0.992925	1
cg02639123	ACTR3C;LRRC61;LRRC61	0.0988689	0.0412967	9.31042	9.31042	0.671315	1.49869	1.49869	0.0718468	6.71861	6.71861	0.197128	3.64167	3.64167	0.546596	1.783	1.783	0.0969855	5.62204	5.62204	0.00533323	32.4385	32.4385	0.246291	3.15593	3.15593	0.420588	2.18134	2.18134	2.57382	36.6248	12.6487	1
cg24350475	KIAA1462	0.0988693	0.332383	1.53176	1.53176	0.0341786	2.86882	2.86882	0.0215419	3.24508	3.24508	0.159872	1.89722	1.89722	0.0225466	3.20559	3.20559	0.89674	1.05693	1.05693	0.0711174	2.36238	2.36238	0.1022	2.14406	2.14406	0.293203	1.59197	1.59197	2.57382	7.41236	2.55992	1
cg12180253	NFIC;NFIC	0.0988695	0.578487	1.32455	1.32455	0.0502478	3.0581	3.0581	0.320727	1.67164	1.67164	0.0273095	3.69826	3.69826	0.0698144	2.76045	2.76045	0.221112	1.90437	1.90437	0.186249	2.01734	2.01734	0.0134634	4.62844	4.62844	0.077676	2.66991	2.66991	2.57381	10.2237	3.53085	1
cg02172150	WBSCR17	0.0988715	0.401477	0.536345	-1.86447	0.805689	1.19578	1.19578	0.611393	1.45024	1.45024	0.693061	0.749912	-1.33349	0.495386	0.605184	-1.65239	0.582155	0.668204	-1.49655	0.35942	0.504789	-1.98102	0.00292979	19.3918	19.3918	0.680208	1.35078	1.35078	2.57379	21.4541	7.40942	1
cg09396196	KCNK4	0.0988751	0.842384	0.953139	-1.04916	0.357528	1.25622	1.25622	0.0125912	0.473336	-2.11267	0.725993	1.08852	1.08852	0.421424	1.21895	1.21895	0.793955	0.938851	-1.06513	0.241852	1.34354	1.34354	0.0307207	0.542359	-1.8438	0.332795	0.785962	-1.27233	2.57375	2.36888	0.818134	1
cg10566703	CDH18;CDH18	0.0988803	0.207908	0.720083	-1.38873	0.347078	0.787061	-1.27055	0.021546	0.505265	-1.97916	0.519796	1.17512	1.17512	0.0266703	1.91464	1.91464	0.334376	1.27919	1.27919	0.403155	1.23563	1.23563	0.637829	1.12442	1.12442	0.943279	0.982556	-1.01775	2.57369	2.49311	0.861058	1
cg07425780	GPRC5B	0.0988813	0.416038	0.838108	-1.19316	0.00429556	2.25092	2.25092	0.138579	1.40319	1.40319	0.97993	0.99467	-1.00536	0.0796728	1.51171	1.51171	0.417845	1.19231	1.19231	0.936964	0.983336	-1.01695	0.645445	1.10343	1.10343	0.238172	1.30017	1.30017	2.57368	1.83987	0.635448	1
cg08451243	MUC5B	0.0988817	0.191585	0.341528	-2.92802	0.0789996	0.219683	-4.55202	0.25304	0.395477	-2.52859	0.401923	1.94765	1.94765	0.112535	0.261204	-3.82842	0.804039	0.824329	-1.21311	0.00859833	0.0739676	-13.5194	0.980731	0.981408	-1.01894	0.0660061	0.201357	-4.96631	2.57368	24.6132	8.50084	1
cg19021383	MAPK8IP1	0.098883	0.118104	2.68996	2.68996	0.0285496	0.221637	-4.51188	0.179787	2.29517	2.29517	0.0615182	3.41534	3.41534	0.221854	0.47296	-2.11434	0.903538	0.931739	-1.07326	0.702718	1.25059	1.25059	0.761617	1.19414	1.19414	0.154632	2.43128	2.43128	2.57366	13.8614	4.78745	1
cg02497830	SLC2A5;SLC2A5	0.0988846	0.138981	1.49264	1.49264	0.658473	1.11838	1.11838	0.029836	1.902	1.902	0.564923	1.15758	1.15758	0.267731	1.33692	1.33692	0.304117	1.30693	1.30693	0.654297	1.12004	1.12004	0.00736198	2.38381	2.38381	0.0375303	1.83484	1.83484	2.57364	2.57837	0.890522	1
cg05894122	FAM160A2;FAM160A2	0.0988847	0.403383	1.45464	1.45464	0.466176	1.38404	1.38404	0.295339	1.60902	1.60902	0.468552	0.723816	-1.38157	0.613933	0.800163	-1.24974	0.00692863	0.216213	-4.62507	0.221542	0.569418	-1.75618	0.0696764	0.411009	-2.43304	0.91672	0.955194	-1.04691	2.57364	7.82934	2.70411	1
cg07811779	CAMK1D;CAMK1D	0.0988856	0.117044	0.546971	-1.82825	0.174869	1.66755	1.66755	0.0400256	2.31873	2.31873	0.454211	1.31017	1.31017	0.0236991	0.384057	-2.60378	0.612732	0.834531	-1.19828	0.787606	0.90874	-1.10043	0.770947	1.10899	1.10899	0.395969	0.734875	-1.36078	2.57363	5.11878	1.76794	1
cg23193410	LOC100268168;LOC100268168;RPL26L1	0.0988862	0.05208	4.59315	4.59315	0.00773621	10.5937	10.5937	0.494266	1.61429	1.61429	0.753619	1.24264	1.24264	0.3749	0.533476	-1.8745	0.696113	0.762767	-1.31102	0.49393	0.61923	-1.61491	0.157496	2.83727	2.83727	0.205991	2.51029	2.51029	2.57363	19.4018	6.70107	1
cg02116996	TRIM10;TRIM10	0.0988875	0.244967	1.66453	1.66453	0.316496	0.647997	-1.54322	0.162529	0.535435	-1.86764	0.221565	1.7131	1.7131	0.877519	1.06675	1.06675	0.339072	0.661768	-1.5111	0.0059123	0.221212	-4.52056	0.776202	1.12683	1.12683	0.533854	0.767986	-1.30211	2.57361	7.15466	2.47112	1
cg08898868	RAP1GAP;RAP1GAP;RAP1GAP	0.0988876	0.546881	1.14516	1.14516	0.278892	1.28443	1.28443	0.290349	0.783503	-1.27632	0.0248211	1.81112	1.81112	0.890781	1.03102	1.03102	0.0991269	1.49474	1.49474	0.0161419	1.92402	1.92402	0.393847	0.823505	-1.21432	0.520041	1.15602	1.15602	2.57361	2.0149	0.695919	1
cg14639567	COL6A3;COL6A3;COL6A3	0.0988879	0.313697	1.48199	1.48199	0.667916	1.17696	1.17696	0.0460048	0.421757	-2.37104	0.263864	1.55224	1.55224	0.088062	0.491328	-2.0353	0.218717	0.613619	-1.62968	0.665371	1.17855	1.17855	0.0244936	0.363609	-2.75021	0.598409	1.2222	1.2222	2.57361	5.80954	2.00653	1
cg01040062	ZZEF1;CYB5D2;CYB5D2;CYB5D2;CYB5D2	0.0988898	0.655906	1.04304	1.04304	0.115836	1.17422	1.17422	0.983153	1.00199	1.00199	0.454101	0.930854	-1.07428	0.283259	0.900541	-1.11044	0.47908	1.06995	1.06995	0.0740542	0.829392	-1.2057	0.242613	1.12177	1.12177	0.0138014	1.33108	1.33108	2.57359	0.359889	0.124302	1
cg06721231	SNTB2	0.0988914	0.666704	0.838873	-1.19208	0.584487	0.799374	-1.25098	0.778129	1.12136	1.12136	0.652019	0.83187	-1.20211	0.123202	0.508067	-1.96825	0.222053	0.594283	-1.6827	0.00317287	0.195091	-5.12582	0.0740674	0.446104	-2.24163	0.30733	0.651477	-1.53497	2.57357	6.70208	2.31484	1
cg05333569	MRPS33;MRPS33	0.0988915	0.0686287	0.596512	-1.67641	0.11439	1.54541	1.54541	0.0963531	1.58853	1.58853	0.0195648	0.489117	-2.0445	0.774419	1.07556	1.07556	0.50846	0.84363	-1.18535	0.381256	0.796406	-1.25564	0.969108	0.990231	-1.00987	0.716275	1.09694	1.09694	2.57357	2.61903	0.904592	1
cg05246110	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.0988937	0.0648025	0.361904	-2.76316	0.187138	1.98416	1.98416	0.120243	2.28412	2.28412	0.85345	1.09485	1.09485	0.0855828	0.394054	-2.53773	0.877734	1.07837	1.07837	0.95647	0.973604	-1.02711	0.672428	1.23173	1.23173	0.0252242	0.271382	-3.68484	2.57354	9.78929	3.38117	1
cg20973958	ATP11A;ATP11A	0.0988937	0.242502	0.581973	-1.71829	0.64596	0.814883	-1.22717	0.921138	1.0448	1.0448	0.231132	1.7435	1.7435	0.030574	0.324801	-3.07881	0.135814	0.490961	-2.03682	0.19155	1.84396	1.84396	0.0488858	2.70569	2.70569	0.534305	0.756887	-1.3212	2.57354	7.9833	2.75739	1
cg11813544	SLFNL1;SLFNL1	0.0988938	0.228386	0.826143	-1.21044	0.865237	0.974666	-1.02599	0.00898365	0.605372	-1.65188	0.291637	1.17975	1.17975	0.0253472	0.669262	-1.49418	0.937684	1.01188	1.01188	0.574447	1.08949	1.08949	0.933294	1.01273	1.01273	0.468281	0.894507	-1.11793	2.57354	0.930214	0.321292	1
cg25340983	TBCD	0.0988938	0.310278	1.50725	1.50725	0.106871	0.502623	-1.98956	0.141574	0.539183	-1.85466	0.496277	1.30991	1.30991	0.0719193	0.456078	-2.19261	0.0301169	0.369114	-2.70919	0.228921	0.610534	-1.63791	0.47179	0.751237	-1.33114	0.035679	0.384669	-2.59964	2.57354	6.22452	2.14992	1
cg04550237	C2orf53	0.0988949	0.806788	1.095	1.095	0.192517	0.599974	-1.66674	0.163324	0.57634	-1.73509	0.0418522	0.41948	-2.3839	0.430885	0.742469	-1.34686	0.201286	1.64847	1.64847	0.0281546	2.61222	2.61222	0.314986	0.68056	-1.46938	0.849908	1.07269	1.07269	2.57353	5.59143	1.93126	1
cg00888876	ANKRD17;ANKRD17	0.0988967	0.70823	1.06854	1.06854	0.329827	0.837498	-1.19403	0.910212	0.980303	-1.02009	0.859926	0.969331	-1.03164	0.142299	0.757176	-1.3207	0.604777	0.912042	-1.09644	0.00222972	0.469877	-2.12822	0.249912	0.808933	-1.2362	0.847941	0.966715	-1.03443	2.57351	1.2675	0.437796	1
cg08067983	ANKRD10	0.0988983	0.133319	0.596363	-1.67683	0.319412	0.720043	-1.38881	0.0538232	0.497161	-2.01142	0.483705	0.796765	-1.25508	0.035701	0.45829	-2.18202	0.679127	0.87566	-1.142	0.867399	0.948057	-1.05479	0.0482718	2.05529	2.05529	0.349677	1.35975	1.35975	2.57349	4.15298	1.43445	1
cg21894512	MIR127;MIR433;RTL1	0.0988984	0.80885	1.0957	1.0957	0.503504	1.29178	1.29178	0.147105	1.79811	1.79811	0.00455812	0.240577	-4.15667	0.611787	1.2129	1.2129	0.833531	0.9237	-1.0826	0.747283	1.12966	1.12966	0.271675	0.649525	-1.53959	0.309268	0.672463	-1.48707	2.57349	5.79628	2.00205	1
cg04875097	MIR1278;CDC73	0.0988985	0.459394	1.28189	1.28189	0.119817	0.573288	-1.74432	0.0291742	0.428566	-2.33336	0.258585	0.678011	-1.4749	0.0709762	0.514269	-1.94451	0.151681	0.602682	-1.65925	0.0126447	0.359901	-2.77854	0.724843	0.890026	-1.12356	0.644225	0.857871	-1.16568	2.57349	4.42954	1.52997	1
cg15825116	CCDC140	0.0988986	0.312774	5.19901	5.19901	0.873628	0.777786	-1.2857	0.42875	3.58029	3.58029	0.582489	2.40269	2.40269	0.701447	0.544352	-1.83705	0.048604	35.0407	35.0407	0.0082304	207.783	207.783	0.0268181	62.8687	62.8687	0.581247	2.40978	2.40978	2.57349	101.596	35.0917	1
cg12671750	MYO5B	0.0989	0.546923	1.1203	1.1203	0.846094	0.964435	-1.03688	0.700297	0.930463	-1.07473	0.0107294	1.81752	1.81752	0.224377	1.26849	1.26849	0.109395	1.38441	1.38441	0.0208659	1.67892	1.67892	0.464715	1.14873	1.14873	0.523593	0.886519	-1.12801	2.57347	1.4153	0.488852	1
cg19795082	HSD17B11	0.0989016	0.483888	1.09241	1.09241	0.0659572	1.29211	1.29211	0.0101459	1.49607	1.49607	0.135084	0.818633	-1.22155	0.879316	0.981302	-1.01905	0.472117	1.09511	1.09511	0.500299	0.918518	-1.08871	0.654652	0.945603	-1.05753	0.18001	1.19349	1.19349	2.57345	0.629012	0.217265	1
cg17430967	ARHGEF2;ARHGEF2;ARHGEF2	0.0989028	0.018625	0.426659	-2.34379	0.833306	0.939006	-1.06496	0.84696	0.943935	-1.0594	0.43713	0.789226	-1.26706	0.543383	0.832201	-1.20163	0.856471	1.05555	1.05555	0.0125649	2.52664	2.52664	0.340234	0.745651	-1.34111	0.923952	1.02892	1.02892	2.57344	3.63431	1.25532	1
cg00419117	C1orf69	0.0989029	0.396287	1.43336	1.43336	0.722795	1.15907	1.15907	0.10408	0.478781	-2.08864	0.112934	2.04432	2.04432	0.0974891	2.1247	2.1247	0.0351199	2.76571	2.76571	0.0239412	3.05429	3.05429	0.595477	1.24867	1.24867	0.399457	1.42975	1.42975	2.57344	7.0009	2.41817	1
cg07054804	MRVI1;MRVI1;MRVI1;MRVI1	0.0989034	0.564961	0.831895	-1.20208	0.0332819	2.19706	2.19706	0.140969	0.605966	-1.65026	0.0563007	0.504711	-1.98133	0.187344	0.642693	-1.55595	0.247401	1.46609	1.46609	0.376211	0.750293	-1.33281	0.860018	1.05743	1.05743	0.129937	0.596	-1.67785	2.57343	4.07919	1.40899	1
cg22227168	DTNA;DTNA;DTNA	0.0989047	0.0250618	0.605784	-1.65075	0.0958344	0.708939	-1.41056	0.196893	0.773703	-1.29249	0.461661	0.868555	-1.15134	0.348617	0.834049	-1.19897	0.85497	1.03501	1.03501	0.0326559	1.60018	1.60018	0.521793	0.885059	-1.12987	0.219743	0.784525	-1.27466	2.57342	1.44138	0.49787	1
cg06715755	PTPRN2;PTPRN2;PTPRN2	0.0989055	0.254208	0.787337	-1.2701	0.00862551	0.510391	-1.95928	0.676769	0.919255	-1.08784	0.070415	0.666246	-1.50095	0.730447	1.07192	1.07192	0.308382	0.809187	-1.23581	0.0936554	1.44809	1.44809	0.993165	1.00172	1.00172	0.921801	0.980475	-1.01991	2.57341	1.6437	0.567754	1
cg21348565	SLC22A25	0.0989067	0.0293409	0.0687812	-14.5389	0.0306522	0.0707676	-14.1308	0.148524	0.198659	-5.03374	0.105346	0.157966	-6.33049	0.164592	0.213016	-4.69449	0.144581	0.195083	-5.12604	0.0282624	0.0671226	-14.8981	0.155889	0.205282	-4.87136	0.0503739	0.0976693	-10.2386	2.5734	44.3305	15.3124	1
cg03362667	AKAP13;AKAP13	0.0989089	0.128963	0.442203	-2.2614	0.100543	0.408731	-2.4466	0.084266	0.386768	-2.58553	0.375456	0.636098	-1.57208	0.0110489	0.204914	-4.88009	0.254401	0.553281	-1.8074	0.0414085	0.310416	-3.22149	0.573966	1.32648	1.32648	0.124313	0.437065	-2.28799	2.57337	10.0815	3.48232	1
cg12247247	SNORA21;RPL23	0.098909	0.0328562	1.75717	1.75717	0.0732838	0.636952	-1.56998	0.247787	0.761183	-1.31374	0.340709	0.801125	-1.24825	0.497802	1.16817	1.16817	0.07081	0.633878	-1.57759	0.10945	0.674261	-1.4831	0.455773	0.842357	-1.18715	0.290394	0.780516	-1.2812	2.57337	2.0787	0.718019	1
cg05391486	TMEM9	0.0989092	0.298711	0.596837	-1.6755	0.955236	0.973461	-1.02726	0.808053	0.889921	-1.1237	0.100381	2.36896	2.36896	0.0476525	0.337819	-2.96017	0.0233902	0.273112	-3.6615	0.694439	1.20825	1.20825	0.243074	1.79554	1.79554	0.292483	1.6876	1.6876	2.57337	9.35721	3.23215	1
cg14748682	ILK;ILK;RRP8;ILK	0.0989097	0.426452	0.909731	-1.09923	0.420807	1.10056	1.10056	0.0748883	1.26	1.26	0.511892	0.925425	-1.08058	0.406355	0.905776	-1.10403	0.667532	1.05163	1.05163	0.0920067	0.80566	-1.24122	0.319379	1.12737	1.12737	0.0148158	1.41806	1.41806	2.57336	0.553192	0.191083	1
cg22036988	SPSB4	0.09891	0.496471	0.908778	-1.10038	0.847618	0.973701	-1.02701	0.400354	1.12666	1.12666	0.23754	0.842471	-1.18698	0.468396	0.902845	-1.10761	0.694423	0.946771	-1.05622	0.0147775	0.659964	-1.51523	0.113822	1.26912	1.26912	0.0653413	1.33188	1.33188	2.57336	0.782177	0.270179	1
cg19723459	IQCD;TPCN1;TPCN1	0.0989157	0.0458107	0.720224	-1.38846	0.0204088	1.49274	1.49274	0.314955	1.16063	1.16063	0.193613	1.21797	1.21797	0.800171	1.03703	1.03703	0.985947	1.00253	1.00253	0.133937	0.793175	-1.26076	0.844736	0.972284	-1.02851	0.2949	1.1685	1.1685	2.5733	0.837528	0.289306	1
cg21174746	CTNND2	0.0989165	0.374251	1.14388	1.14388	0.0337705	1.44104	1.44104	0.263855	1.18727	1.18727	0.0580894	1.37121	1.37121	0.36796	1.14602	1.14602	0.101039	1.30301	1.30301	0.769975	0.957705	-1.04416	0.64002	1.07189	1.07189	0.00777636	1.65485	1.65485	2.57329	0.885311	0.305812	1
ch.13.1109452	TBC1D4	0.0989198	0.0753433	0.36684	-2.72598	0.011751	0.203103	-4.92361	0.034483	0.286799	-3.48676	0.0484322	0.319166	-3.13317	0.12113	0.426874	-2.34261	0.45907	0.682615	-1.46496	0.0842147	0.380006	-2.63153	0.227711	0.52659	-1.89901	0.398448	0.645411	-1.5494	2.57325	10.4546	3.6114	1
cg26112639	NLRP3;NLRP3;NLRP3;NLRP3;NLRP3	0.0989198	0.00408292	0.122632	-8.1545	0.479504	0.676095	-1.47908	0.053302	0.302576	-3.30496	0.0927863	0.365276	-2.73766	0.101265	0.376402	-2.65673	0.309141	0.563759	-1.77381	0.248875	0.518765	-1.92765	0.51144	0.69584	-1.43711	0.231837	0.505185	-1.97947	2.57325	12.084	4.17422	1
cg04041447	NEK5	0.0989219	0.175977	0.724986	-1.37934	0.600406	1.1254	1.1254	0.0130674	1.99003	1.99003	0.389323	1.21797	1.21797	0.383529	0.818954	-1.22107	0.784258	0.940503	-1.06326	0.041991	0.592261	-1.68845	0.508717	1.16165	1.16165	0.671848	1.09992	1.09992	2.57323	2.0361	0.703346	1
cg02262987	ZNF321	0.0989251	0.72275	1.07454	1.07454	0.507547	0.873124	-1.14531	0.677395	1.0881	1.0881	0.853011	0.963261	-1.03814	0.00980717	0.517422	-1.93266	0.524452	0.877943	-1.13903	0.0515711	0.639424	-1.56391	0.631978	1.10228	1.10228	0.093224	1.45159	1.45159	2.57319	1.65983	0.573375	1
cg00129556	FRS3;PRICKLE4	0.0989252	0.174735	0.678407	-1.47404	0.553256	0.851108	-1.17494	0.865418	1.04665	1.04665	0.0254884	0.489881	-2.04131	0.0611795	0.567175	-1.76312	0.630315	1.13923	1.13923	0.0359962	1.92642	1.92642	0.758162	0.920338	-1.08656	0.758129	1.08657	1.08657	2.57319	2.94457	1.01718	1
cg00480115	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.098926	0.373553	0.609225	-1.64143	0.00909951	0.165646	-6.03698	0.0537944	0.30485	-3.2803	0.810852	1.13892	1.13892	0.331486	0.580663	-1.72217	0.191065	0.471875	-2.11921	0.110236	0.388927	-2.57118	0.917038	0.94504	-1.05816	0.228636	1.98471	1.98471	2.57318	11.9951	4.14363	1
cg12371681	SNX4	0.0989309	0.923626	0.983399	-1.01688	0.720033	0.9391	-1.06485	0.0224742	1.61168	1.61168	0.0602383	1.44774	1.44774	0.680364	0.930233	-1.075	0.0197858	1.63445	1.63445	0.368562	0.851092	-1.17496	0.631572	0.919113	-1.08801	0.685927	1.07355	1.07355	2.57313	1.24211	0.429087	1
cg04425788	MGMT	0.0989311	0.17594	0.471119	-2.12261	0.0472895	0.305091	-3.27772	0.130475	0.425608	-2.34958	0.244688	0.529119	-1.88994	0.0246895	0.246842	-4.05118	0.190436	0.484215	-2.0652	0.00883294	0.174893	-5.71777	0.663227	0.795187	-1.25757	0.350971	0.605255	-1.6522	2.57312	11.1491	3.85146	1
cg17585889	PCDHB7	0.0989327	0.687326	0.809396	-1.23549	0.381204	0.625366	-1.59906	0.032106	0.26926	-3.71388	0.334205	0.594197	-1.68294	0.0239045	0.244503	-4.08993	0.851492	0.906692	-1.10291	0.00784636	0.168118	-5.94821	0.501534	0.700113	-1.42834	0.691833	0.812029	-1.23148	2.57311	11.1317	3.8455	1
ch.1.822136R	NIPAL3	0.0989329	0.0181966	0.270107	-3.70223	0.10752	0.448484	-2.22973	0.0972979	0.435745	-2.29492	0.044966	0.349784	-2.85891	0.0748738	0.404264	-2.47363	0.02235	0.286609	-3.48907	0.170168	0.513278	-1.94826	0.374297	0.659465	-1.51638	0.2857	0.602786	-1.65896	2.5731	8.49332	2.93405	1
cg21783213	RASA3	0.0989365	0.182561	0.686438	-1.4568	0.875489	0.959151	-1.04259	0.373333	0.784214	-1.27516	0.166005	1.48125	1.48125	0.00540609	0.377621	-2.64816	0.312416	0.757349	-1.3204	0.25585	0.729434	-1.37093	0.413769	1.24885	1.24885	0.971302	0.990477	-1.00961	2.57306	2.88292	0.995931	1
cg02673901	NFASC;NFASC;NFASC;NFASC;NFASC	0.0989378	0.0653216	0.433458	-2.30703	0.00569813	0.231076	-4.32758	0.260997	0.622716	-1.60587	0.930604	1.03582	1.03582	0.0873623	0.46646	-2.14381	0.246394	0.612757	-1.63197	0.36459	0.686305	-1.45708	0.429965	1.38475	1.38475	0.805708	0.905224	-1.1047	2.57305	6.65293	2.29833	1
cg15705732	LOC284233	0.0989408	0.793774	1.11623	1.11623	0.019402	0.305349	-3.27494	0.0788368	0.440825	-2.26847	0.765353	0.881949	-1.13385	0.0739896	0.433552	-2.30653	0.0489503	0.389231	-2.56917	0.0377196	0.363662	-2.74981	0.108665	0.479802	-2.08419	0.486414	0.743182	-1.34556	2.57301	7.17813	2.4798	1
cg25887739	TBC1D8	0.0989418	0.110338	0.750659	-1.33216	0.0264717	0.64814	-1.54288	0.465311	0.884731	-1.13029	0.447997	1.13593	1.13593	0.105795	1.33803	1.33803	0.195828	0.798146	-1.2529	0.105199	1.33881	1.33881	0.559409	1.10218	1.10218	0.760211	1.05175	1.05175	2.573	1.10703	0.382442	1
cg26858423	KCNAB2;KCNAB2	0.0989438	0.139464	0.614005	-1.62865	0.552058	1.20263	1.20263	0.584355	1.18462	1.18462	0.715717	1.11871	1.11871	0.115763	0.591951	-1.68933	0.0485563	1.99584	1.99584	0.0957469	0.570537	-1.75273	0.119181	1.67975	1.67975	0.1723	0.640474	-1.56134	2.57298	3.8331	1.32422	1
cg10637292	KRT74	0.0989443	0.197533	0.635501	-1.57356	0.656989	0.861787	-1.16038	0.00449935	0.283558	-3.52662	0.0469357	0.469104	-2.13172	0.0894351	0.536205	-1.86496	0.877818	0.950087	-1.05254	0.171988	0.616385	-1.62236	0.30655	0.703061	-1.42235	0.21769	0.649472	-1.53971	2.57297	4.51371	1.55936	1
cg02632792	INPP5B	0.098945	0.111971	1.5705	1.5705	0.882619	1.03928	1.03928	0.0982848	1.60465	1.60465	0.178303	1.45207	1.45207	0.231549	1.38717	1.38717	0.0116655	0.439529	-2.27516	0.718357	0.909867	-1.09906	0.868705	1.04409	1.04409	0.88431	0.96274	-1.0387	2.57297	2.77176	0.957566	1
cg04633600	SLCO4C1	0.0989483	0.327138	2.56992	2.56992	0.756655	0.748242	-1.33647	0.993638	0.992588	-1.00747	0.532678	0.554521	-1.80336	0.261121	0.335035	-2.98476	0.212751	0.293911	-3.40239	0.801807	1.2645	1.2645	0.00659706	26.8727	26.8727	0.112407	5.01597	5.01597	2.57293	35.477	12.2565	1
cg06784830	MPDU1;MPDU1;MPDU1	0.098957	0.237437	0.824835	-1.21236	0.118966	1.30122	1.30122	0.129734	1.29005	1.29005	0.177747	0.800239	-1.24963	0.165645	1.25867	1.25867	0.505506	1.11085	1.11085	0.346768	0.860063	-1.16271	0.363078	1.15655	1.15655	0.0209861	1.54046	1.54046	2.57283	0.986486	0.340821	1
cg12898512	TSTD1;TSTD1;TSTD1	0.0989577	0.43671	1.3247	1.3247	0.0352764	2.38427	2.38427	0.151914	1.72287	1.72287	0.0434738	2.277	2.277	0.351266	0.711785	-1.40492	0.648856	0.850045	-1.17641	0.414019	1.34437	1.34437	0.0182497	2.76059	2.76059	0.967483	0.985657	-1.01455	2.57283	5.1176	1.76809	1
cg10317717	UPP1;UPP1	0.0989591	0.0915965	8.65836	8.65836	0.470841	2.34524	2.34524	0.438135	0.398928	-2.50672	0.505613	2.19211	2.19211	0.148474	0.165147	-6.05522	0.237752	4.20839	4.20839	0.348601	0.325863	-3.06877	0.0142883	33.473	33.473	0.152059	5.94725	5.94725	2.57281	55.0173	19.0081	1
cg14024126	DYNC1H1	0.0989603	0.17614	0.751887	-1.32999	0.252139	0.788836	-1.26769	0.274132	1.25312	1.25312	0.758374	0.940654	-1.06309	0.074872	0.67478	-1.48197	0.0382355	0.621133	-1.60996	0.853624	1.0373	1.0373	0.0391589	1.60523	1.60523	0.95438	0.988721	-1.01141	2.5728	1.602	0.553484	1
cg06015733	DDHD2;DDHD2;DDHD2	0.0989655	0.966073	1.01104	1.01104	0.118667	1.54865	1.54865	0.0539518	1.75935	1.75935	0.0128587	2.22036	2.22036	0.528943	1.17905	1.17905	0.0570729	1.74355	1.74355	0.697136	0.90394	-1.10627	0.0888589	1.62353	1.62353	0.105062	1.57988	1.57988	2.57274	2.71691	0.938701	1
cg10692693	CUX1;CUX1;CUX1	0.0989663	0.295926	0.3652	-2.73822	0.0490383	0.123873	-8.07278	0.838101	0.826838	-1.20943	0.240658	0.319276	-3.13208	0.0542506	0.131309	-7.61562	0.176782	0.263301	-3.79793	0.0290088	0.0914382	-10.9363	0.0423794	0.113867	-8.78218	0.0258878	0.0855813	-11.6848	2.57273	35.1968	12.1606	1
cg07352345	ARL10	0.0989674	0.685068	0.887899	-1.12625	0.900848	1.03702	1.03702	0.182208	1.51115	1.51115	0.0776289	1.77169	1.77169	0.053364	0.527306	-1.89643	0.0877418	0.577196	-1.73251	0.0381319	0.496166	-2.01546	0.941106	0.978684	-1.02178	0.904739	1.03553	1.03553	2.57272	3.46486	1.19713	1
cg15194531	FMNL1	0.0989676	0.163578	1.60567	1.60567	0.993538	0.997424	-1.00258	0.00897414	2.88173	2.88173	0.060256	1.96393	1.96393	0.576019	1.19715	1.19715	0.814713	0.927957	-1.07764	0.951405	1.0196	1.0196	0.82293	0.931103	-1.07399	0.029402	2.26384	2.26384	2.57271	4.13333	1.42809	1
cg11941300	CHRFAM7A;CHRFAM7A	0.098968	0.159837	0.775835	-1.28893	0.504966	0.891966	-1.12112	0.00464728	1.88932	1.88932	0.796238	0.957212	-1.0447	0.509788	0.893152	-1.11963	0.806056	1.04245	1.04245	0.324484	1.18762	1.18762	0.496902	0.889971	-1.12363	0.36554	1.17013	1.17013	2.57271	1.16368	0.40206	1
cg21160774	SLC27A1	0.0989687	0.538244	1.0858	1.0858	0.0630839	1.31807	1.31807	0.884708	1.01935	1.01935	0.498353	1.09505	1.09505	0.0401388	0.731055	-1.36789	0.541097	0.921523	-1.08516	0.677628	1.05678	1.05678	0.0341085	0.721341	-1.38631	0.137302	0.809444	-1.23542	2.5727	0.710993	0.245654	1
cg24366877	SIAH2	0.0989717	0.0459378	0.593196	-1.68578	0.161155	0.71061	-1.40724	0.377848	1.22944	1.22944	0.249636	0.759831	-1.31608	0.0722186	0.632532	-1.58095	0.0407076	0.583116	-1.71492	0.0209782	0.530476	-1.8851	0.922011	0.977894	-1.02261	0.669385	0.9066	-1.10302	2.57267	2.12332	0.733632	1
cg01020263	NOD2	0.0989749	0.135807	0.258301	-3.87145	0.0147937	0.0800178	-12.4972	0.0218855	0.0986486	-10.137	0.347797	0.443067	-2.25699	0.0474682	0.148183	-6.74839	0.244587	0.358776	-2.78725	0.509742	0.569424	-1.75616	0.540396	1.68527	1.68527	0.903968	0.903355	-1.10698	2.57263	28.8931	9.98305	1
cg04004632	TBR1	0.0989752	0.578871	0.780125	-1.28185	0.558057	1.29997	1.29997	0.611307	1.2548	1.2548	0.12329	0.477424	-2.09457	0.694261	0.839491	-1.1912	0.168592	0.522203	-1.91496	0.0129854	0.255311	-3.91678	0.0608058	2.5498	2.5498	0.34969	0.652896	-1.53164	2.57263	7.99147	2.7612	1
cg14783051	MCF2L;MCF2L	0.0989758	0.799845	1.11293	1.11293	0.00625024	4.48475	4.48475	0.0118353	3.75643	3.75643	0.94131	1.03149	1.03149	0.786617	1.12106	1.12106	0.895454	0.946138	-1.05693	0.349438	1.50026	1.50026	0.493019	1.3407	1.3407	0.703689	1.1746	1.1746	2.57262	7.22619	2.49678	1
cg12791790	SLC39A7;RXRB;SLC39A7	0.0989758	0.571374	0.928514	-1.07699	0.953021	1.00767	1.00767	0.953074	0.992398	-1.00766	0.0532816	0.752242	-1.32936	0.00556736	0.623637	-1.6035	0.933874	0.989297	-1.01082	0.465804	0.908245	-1.10102	0.249262	0.855434	-1.169	0.191014	1.19665	1.19665	2.57262	0.685064	0.236702	1
cg23681664	CPNE9	0.0989759	0.187272	0.661121	-1.51258	0.265707	0.709358	-1.40973	0.577161	1.18147	1.18147	0.517698	0.823507	-1.21432	0.102723	0.589424	-1.69657	0.330692	1.34605	1.34605	0.0156755	0.416029	-2.40368	0.0272552	0.461358	-2.16751	0.229182	0.688248	-1.45296	2.57262	3.57174	1.2341	1
cg22266470	JOSD2	0.0989795	0.501306	0.646949	-1.54572	0.867941	0.899463	-1.11177	0.550392	1.47011	1.47011	0.210056	0.428382	-2.33436	?	?	?	0.00729131	0.100691	-9.93133	?	?	?	0.234078	2.22535	2.22535	0.966189	1.02735	1.02735	2.79848	13.6772	4.88736	1
cg00427800	CCDC88A;CCDC88A	0.0989812	0.0100738	1.92114	1.92114	0.33613	0.819216	-1.22068	0.423653	1.17857	1.17857	0.530252	1.13636	1.13636	0.834937	1.04285	1.04285	0.0903385	1.45535	1.45535	0.724812	1.07365	1.07365	0.445007	1.16946	1.16946	0.0194025	1.76527	1.76527	2.57256	1.64709	0.569113	1
cg06394478	NUDCD3;NUDCD3	0.0989827	0.351018	1.41587	1.41587	0.0464711	0.431562	-2.31716	0.983182	0.992426	-1.00763	0.0481459	2.29781	2.29781	0.738075	1.12876	1.12876	0.482143	0.772355	-1.29474	0.241819	1.56048	1.56048	0.0515693	0.442329	-2.26076	0.226679	0.630473	-1.58611	2.73751	5.52181	1.56885	1
cg08897392	3-Mar	0.098985	0.947344	0.987425	-1.01273	0.218103	1.28174	1.28174	0.150368	1.34363	1.34363	0.634829	0.912407	-1.096	0.00588673	0.501339	-1.99466	0.28717	0.809171	-1.23583	0.421408	1.17042	1.17042	0.515623	1.13462	1.13462	0.840159	0.962047	-1.03945	2.57252	1.49563	0.516788	1
cg25451745	SCAPER;SCAPER;SCAPER	0.0989872	0.669002	0.915634	-1.09214	0.0726517	0.663365	-1.50747	0.0891434	0.680997	-1.46843	0.196692	0.755979	-1.32279	0.424216	0.845979	-1.18206	0.769364	1.06211	1.06211	0.0161373	1.82805	1.82805	0.205799	0.76069	-1.3146	0.636591	0.90707	-1.10245	2.5725	1.71121	0.591282	1
cg12023625	SYNE1;SYNE1;SYNE1	0.0989892	0.288841	0.557673	-1.79317	0.0173127	4.65287	4.65287	0.648526	1.27558	1.27558	0.123834	2.42046	2.42046	0.584675	0.746214	-1.3401	0.680852	1.24527	1.24527	0.257465	1.8716	1.8716	0.0410367	3.49215	3.49215	0.0601475	3.0789	3.0789	2.57247	11.4612	3.96029	1
cg18656873	TMPRSS3;TMPRSS3;TMPRSS3	0.0989896	0.0973913	0.497334	-2.01072	0.0139694	0.311692	-3.2083	0.230512	0.61691	-1.62098	0.473761	0.755956	-1.32283	0.0468802	0.41744	-2.39556	0.396818	0.716644	-1.39539	0.0297616	0.374496	-2.67025	0.0475411	0.418835	-2.38757	0.705531	0.864355	-1.15693	2.57247	6.00754	2.07584	1
cg07740525	KIF12	0.0989931	0.0104961	2.1503	2.1503	0.279354	1.30651	1.30651	0.854691	0.957356	-1.04454	0.231322	1.34779	1.34779	0.243585	0.748231	-1.33649	0.971965	0.991681	-1.00839	0.563554	0.870392	-1.14891	0.0582832	0.601282	-1.66311	0.773435	1.07103	1.07103	2.57243	2.30238	0.795575	1
cg07282944	SENP1;SENP1;PFKM	0.0989953	0.0557528	0.726995	-1.37553	0.107649	1.29469	1.29469	0.450115	1.11986	1.11986	0.241945	0.835134	-1.19741	0.0405418	0.706141	-1.41615	0.473845	0.898386	-1.11311	0.917531	0.98488	-1.01535	0.536982	1.09632	1.09632	0.0969132	1.3074	1.3074	2.5724	0.881611	0.304639	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22691986	FREM2	0.0989969	0.57945	1.14127	1.14127	0.0102622	0.465937	-2.14621	0.240054	0.747979	-1.33694	0.761552	1.07449	1.07449	0.121202	0.672565	-1.48684	0.666753	1.10767	1.10767	0.135265	1.46237	1.46237	0.299353	0.775768	-1.28904	0.154671	0.697964	-1.43274	2.57239	2.27017	0.784459	1
cg13489049	TMPRSS2;TMPRSS2	0.0989981	0.102285	0.49301	-2.02835	0.127911	0.521528	-1.91744	0.0212409	0.334425	-2.99021	0.0985588	0.488464	-2.04723	0.0374541	0.384811	-2.59868	0.23394	0.61046	-1.63811	0.241211	0.615549	-1.62457	0.0170369	0.316453	-3.16002	0.248954	0.620873	-1.61064	2.57237	6.3734	2.20234	1
cg02649933	ZNRD1;ZNRD1;NCRNA00171	0.0989992	0.168396	0.788213	-1.26869	0.0156811	1.61646	1.61646	0.25906	1.21036	1.21036	0.586617	0.914826	-1.0931	0.738349	0.947094	-1.05586	0.100302	0.746824	-1.339	0.244567	0.820879	-1.21821	0.289743	1.19502	1.19502	0.342712	1.17175	1.17175	2.57236	1.07106	0.370109	1
cg00791712	C10orf120	0.0989994	0.183065	0.47318	-2.11336	0.146788	0.438306	-2.28151	0.0648217	0.333408	-2.99933	0.4748	1.46957	1.46957	0.836509	1.11566	1.11566	0.259766	0.536511	-1.8639	0.0253878	0.244768	-4.08551	0.041414	0.287707	-3.47575	0.0491292	0.304337	-3.28583	2.57236	11.4297	3.94956	1
cg04712436	LOC100129716;ARRDC3	0.0990019	0.630093	0.915281	-1.09256	0.00621902	1.91685	1.91685	0.667663	0.924227	-1.08199	0.501234	0.882912	-1.13262	0.731714	1.06479	1.06479	0.940982	1.0136	1.0136	0.0513785	0.667207	-1.49879	0.450005	0.868991	-1.15076	0.525976	0.889384	-1.12437	2.57233	1.35581	0.468511	1
cg25306442	LOC400752	0.0990019	0.0995002	0.480463	-2.08133	0.353526	0.67872	-1.47336	0.605334	1.23569	1.23569	0.0210806	0.324246	-3.08408	0.1981	0.575664	-1.73713	0.0200077	0.319933	-3.12565	0.44224	1.37451	1.37451	0.783905	0.8944	-1.11807	0.476339	1.3418	1.3418	2.57233	6.71489	2.32038	1
cg05727180	MAD1L1;MAD1L1;MAD1L1	0.0990041	0.527579	1.10323	1.10323	0.0624833	1.37962	1.37962	0.158661	1.2602	1.2602	0.21568	0.81872	-1.22142	0.0882613	1.3347	1.3347	0.422571	0.881847	-1.13398	0.122715	1.29266	1.29266	0.0796254	0.74185	-1.34798	0.480876	0.895852	-1.11626	2.57231	0.959817	0.331675	1
cg10322361	PLCH1;PLCH1;PLCH1	0.0990045	0.640552	0.85633	-1.16777	0.0119605	0.355493	-2.813	0.170707	0.618074	-1.61793	0.197538	0.638104	-1.56714	0.309775	0.707048	-1.41433	0.77253	1.10031	1.10031	0.0389389	2.19983	2.19983	0.937623	0.974516	-1.02615	0.90194	0.960161	-1.04149	2.5723	4.43163	1.5314	1
cg01283482	GLT8D2	0.0990051	0.112249	5.08605	5.08605	0.803735	1.26392	1.26392	0.532615	1.81214	1.81214	0.611621	1.61874	1.61874	0.203405	0.282861	-3.53531	0.422632	0.462822	-2.16066	0.0739288	0.153583	-6.51113	0.0170319	15.4316	15.4316	0.243548	3.15104	3.15104	2.5723	36.044	12.4555	1
cg02207554	SHISA6	0.0990097	0.183849	2.05649	2.05649	0.0165732	4.46644	4.46644	0.56978	1.34145	1.34145	0.737612	1.18761	1.18761	0.115275	2.4004	2.4004	0.145259	2.22515	2.22515	0.413559	1.53336	1.53336	0.63447	1.27754	1.27754	0.0432387	0.304494	-3.28414	2.57224	10.6536	3.68155	1
cg08245665	HLA-B	0.0990115	0.296192	1.89715	1.89715	0.00601153	8.34886	8.34886	0.239206	0.482552	-2.07232	0.376301	1.71044	1.71044	0.647718	0.761873	-1.31255	0.375972	0.584418	-1.7111	0.519289	0.679625	-1.4714	0.960097	1.03002	1.03002	0.135679	2.58739	2.58739	2.57222	14.2377	4.92016	1
cg02576701	SPC24	0.0990132	0.482926	0.892934	-1.1199	0.0684162	1.38264	1.38264	0.0296563	1.50164	1.50164	0.415682	1.14125	1.14125	0.975398	0.995115	-1.00491	0.123562	0.76728	-1.3033	0.0923532	1.34204	1.34204	0.290628	0.840159	-1.19025	0.219802	1.22741	1.22741	2.5722	1.02746	0.355063	1
cg00401665	MAGI2	0.0990148	0.0701891	0.260361	-3.84082	0.0265971	0.17427	-5.73821	0.636669	0.728825	-1.37207	0.861771	0.890598	-1.12284	0.368772	0.54135	-1.84724	0.472458	0.61518	-1.62554	0.0416306	0.20982	-4.76598	0.0641724	3.986	3.986	0.981898	0.98503	-1.0152	2.57219	18.0046	6.22197	1
cg13570169	PMPCA	0.0990162	0.926123	0.956596	-1.04537	0.715981	1.19104	1.19104	0.557782	0.753049	-1.32793	0.0594712	0.361373	-2.76722	0.265413	0.573899	-1.74247	0.00725569	0.190665	-5.24479	0.0380253	0.316395	-3.16061	0.51932	0.731576	-1.36691	0.128585	0.45571	-2.19438	2.57217	9.32597	3.22286	1
cg05968091	MKRN2	0.0990174	0.297552	1.49026	1.49026	0.0202325	2.81348	2.81348	0.0573408	2.21282	2.21282	0.426925	1.34942	1.34942	0.120531	0.536828	-1.8628	0.115581	1.88127	1.88127	0.347317	1.42974	1.42974	0.0766873	2.06965	2.06965	0.251318	1.55701	1.55701	2.57216	5.55973	1.92134	1
cg15070897	SLC7A7;SLC7A7;SLC7A7;SLC7A7	0.0990183	0.461753	1.27269	1.27269	0.165243	1.61024	1.61024	0.0597132	0.504668	-1.9815	0.0546925	0.495882	-2.01661	0.891576	0.957055	-1.04487	0.298383	1.41471	1.41471	0.051839	2.03833	2.03833	0.353316	1.35985	1.35985	0.429275	0.771287	-1.29653	2.57215	4.21975	1.45827	1
cg24052809	TBCD	0.0990197	0.732585	0.928894	-1.07655	0.811736	0.949978	-1.05266	0.0125502	0.512884	-1.94976	0.136016	1.41268	1.41268	0.83617	0.956444	-1.04554	0.1636	1.37676	1.37676	0.0727329	1.5381	1.5381	0.52572	1.1483	1.1483	0.458851	0.850263	-1.17611	2.57213	1.88411	0.651118	1
cg00310145	MAGI1;MAGI1;MAGI1	0.0990209	0.222922	0.731306	-1.36742	0.0103513	0.454244	-2.20146	0.0388784	0.557502	-1.79372	0.230572	0.735422	-1.35976	0.78749	0.936113	-1.06825	0.836745	0.950835	-1.05171	0.655734	1.11587	1.11587	0.191484	1.40199	1.40199	0.230421	0.735342	-1.35991	2.57212	2.432	0.840467	1
cg16289848	FRAS1;FRAS1	0.0990216	0.416223	0.745977	-1.34052	0.184255	0.608506	-1.64337	0.691126	1.15126	1.15126	0.351642	0.713143	-1.40224	0.699245	0.872039	-1.14674	0.78267	0.907081	-1.10244	0.00272951	0.232427	-4.30243	0.875181	1.05701	1.05701	0.376427	1.37731	1.37731	2.57211	5.06732	1.7512	1
cg07364220	ONECUT2	0.0990218	0.40704	1.73459	1.73459	0.883667	1.09975	1.09975	0.0999395	3.2241	3.2241	0.979504	0.983456	-1.01682	0.0567476	4.05663	4.05663	0.0635425	3.87557	3.87557	0.849012	0.883586	-1.13175	0.00599274	10.3028	10.3028	0.451476	1.64572	1.64572	2.57211	17.1783	5.93662	1
cg04200765	NPTN;NPTN;NPTN;NPTN	0.0990233	0.0801674	0.733174	-1.36393	0.0439902	1.44784	1.44784	0.458203	0.886233	-1.12837	0.971755	0.994355	-1.00568	0.405599	1.14573	1.14573	0.129102	0.76935	-1.2998	0.880675	0.976269	-1.02431	0.77351	1.04722	1.04722	0.0303833	1.50214	1.50214	2.57209	1.04138	0.35989	1
cg20615720	COX6B1;COX6B1	0.0990251	0.955251	0.989797	-1.01031	0.0297635	1.59589	1.59589	0.0857114	1.41497	1.41497	0.10615	0.724344	-1.38056	0.913375	0.98031	-1.02009	0.101366	0.720495	-1.38794	0.230307	0.794536	-1.2586	0.625079	1.09418	1.09418	0.268659	0.81014	-1.23435	2.57207	1.36052	0.470186	1
cg27315348	EIF4G1;SNORD66;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0990281	0.786778	0.934091	-1.07056	0.880526	1.03855	1.03855	0.679962	1.10995	1.10995	0.341702	0.781635	-1.27937	0.0780966	0.611239	-1.63602	0.00646532	0.410496	-2.43608	0.279059	1.32712	1.32712	0.448709	1.21427	1.21427	0.193474	0.707496	-1.41344	2.57204	2.57601	0.89026	1
cg00962755	PHLDA3	0.0990287	0.160997	3.89607	3.89607	0.0223148	12.0289	12.0289	0.22354	3.1951	3.1951	0.0848267	5.64713	5.64713	0.225451	0.314629	-3.17834	0.327081	2.50674	2.50674	0.592889	1.63267	1.63267	0.0185671	13.3671	13.3671	0.663878	1.48761	1.48761	2.57203	33.6105	11.6157	1
cg11559952	SMNDC1	0.0990302	0.839731	0.965264	-1.03599	0.950695	1.01085	1.01085	0.447256	0.873507	-1.14481	0.200373	1.26636	1.26636	0.476198	0.881192	-1.13483	0.47385	0.880578	-1.13562	0.00278537	0.486851	-2.05402	0.725914	1.06338	1.06338	0.802179	1.0448	1.0448	2.57201	1.24167	0.429123	1
ch.10.820670F	KIF5B	0.0990332	0.0339306	0.394468	-2.53506	?	?	?	0.666107	1.17715	1.17715	0.0115569	0.305303	-3.27544	0.817013	0.916606	-1.09098	0.610188	1.21308	1.21308	0.180125	0.585801	-1.70706	0.110447	0.52022	-1.92227	0.676766	0.854272	-1.17059	2.60037	5.167	1.98702	1
cg24732878	PACS2;PACS2	0.0990351	0.767127	0.963841	-1.03752	0.545118	0.926864	-1.07891	0.272947	0.868053	-1.152	0.525901	0.923387	-1.08297	0.5567	0.928931	-1.07651	0.0245797	1.39383	1.39383	0.0243788	1.39472	1.39472	0.889624	1.01737	1.01737	0.130141	0.816485	-1.22476	2.57196	0.626498	0.216522	1
cg08353937	ANXA4	0.0990373	0.778427	0.902427	-1.10812	0.180073	1.67892	1.67892	0.212977	1.61184	1.61184	0.383203	0.722195	-1.38467	0.050384	0.444078	-2.25186	0.300695	1.47745	1.47745	0.0407044	0.423172	-2.3631	0.152282	1.74738	1.74738	0.356118	1.41264	1.41264	2.57194	5.39601	1.86492	1
cg12358524	LRRC34	0.0990377	0.95515	0.991311	-1.00877	0.810843	0.963479	-1.03791	0.167138	0.795716	-1.25673	0.0919304	1.33361	1.33361	0.0464821	1.42452	1.42452	0.318924	1.17331	1.17331	0.181759	0.802564	-1.24601	0.0539315	0.712116	-1.40427	0.364034	1.15574	1.15574	2.57193	0.98073	0.338952	1
cg14003974	CDC42BPB	0.0990385	0.275962	1.72884	1.72884	0.0142982	4.303	4.303	0.0109246	4.67957	4.67957	0.480812	1.41366	1.41366	0.874608	1.07927	1.07927	0.105872	2.34724	2.34724	0.9234	0.954604	-1.04755	0.119111	2.26391	2.26391	0.228207	1.84222	1.84222	2.57192	9.50556	3.28524	1
cg17533245	ARL6IP6;PRPF40A;ARL6IP6	0.0990389	0.218971	0.824093	-1.21345	0.863913	0.974655	-1.026	0.00254085	1.87164	1.87164	0.94786	0.990261	-1.00983	0.503089	1.10705	1.10705	0.512067	1.10463	1.10463	0.493667	1.10963	1.10963	0.747528	1.04952	1.04952	0.395095	1.13922	1.13922	2.57192	0.91222	0.315275	1
cg14644166	ALCAM	0.0990407	0.422846	1.14334	1.14334	0.343914	0.852548	-1.17295	0.435487	1.13904	1.13904	0.691353	1.06747	1.06747	0.982863	1.00352	1.00352	0.0477032	0.690398	-1.44844	0.00607413	0.556432	-1.79716	0.628351	0.923292	-1.08308	0.632186	1.0821	1.0821	2.5719	1.09053	0.376906	1
cg09319706	MTHFD2L	0.0990419	0.348319	1.13053	1.13053	0.184996	0.836427	-1.19556	0.541901	0.924549	-1.08161	0.136371	1.22618	1.22618	0.0206095	0.701674	-1.42516	0.3731	0.890318	-1.12319	0.638097	0.94158	-1.06204	0.0676476	1.29707	1.29707	0.410278	1.11292	1.11292	2.57188	0.657579	0.227271	1
cg00175150	ECM1;ECM1	0.0990423	0.054346	0.483034	-2.07025	0.286939	0.691753	-1.4456	0.0612604	0.495165	-2.01953	0.479745	0.787067	-1.27054	0.0159889	0.374183	-2.67249	0.212249	0.645385	-1.54946	0.0944967	0.541947	-1.8452	0.378681	1.35123	1.35123	0.0806319	0.524259	-1.90745	2.57188	4.52461	1.56379	1
cg13160331	TSPO;TSPO	0.0990425	0.0975965	0.475275	-2.10405	0.022512	0.326824	-3.05975	0.239787	0.604274	-1.65488	0.290292	0.638181	-1.56695	0.0603525	0.420282	-2.37935	0.221931	0.59135	-1.69105	0.020189	0.317767	-3.14696	0.0397725	0.378011	-2.64542	0.129199	0.51123	-1.95607	2.57188	6.82166	2.3577	1
cg12668710	DDX59	0.099046	?	?	?	0.0386572	0.117565	-8.50595	?	?	?	?	?	?	?	?	?	?	?	?	0.882064	0.878387	-1.13845	?	?	?	0.208403	3.21483	3.21483	3.09008	12.182	9.19866	1
cg20710266	NR2F2;NR2F2;NR2F2;NR2F2	0.0990493	0.784076	0.837245	-1.19439	0.0568899	0.248168	-4.02952	0.066658	0.2645	-3.78072	0.0738307	0.275625	-3.62811	0.114255	0.32921	-3.03757	0.126689	0.343542	-2.91085	0.698042	1.28678	1.28678	0.0555099	0.245732	-4.06948	0.189351	2.4576	2.4576	2.5718	17.0368	5.8884	1
cg10401733	PKM2;PKM2;PKM2	0.0990497	0.0957413	0.552131	-1.81116	0.0278093	0.429966	-2.32577	0.386792	0.749779	-1.33373	0.278945	0.693907	-1.44112	0.0158183	0.383028	-2.61077	0.127573	0.585767	-1.70716	0.0197086	0.400791	-2.49507	0.371024	0.742173	-1.34739	0.313625	0.712983	-1.40256	2.5718	4.29202	1.48345	1
cg19600328	MOAP1;C14orf109;MOAP1;C14orf109	0.0990533	0.0638127	0.70803	-1.41237	0.155831	1.28612	1.28612	0.486384	0.889404	-1.12435	0.0233159	0.638137	-1.56706	0.178124	1.26758	1.26758	0.949152	1.01062	1.01062	0.399582	1.15362	1.15362	0.16961	1.27437	1.27437	0.707868	1.06437	1.06437	2.57176	1.11854	0.386608	1
cg06145195	ZNF185	0.0990595	0.469204	1.69448	1.69448	0.0663599	0.228844	-4.36979	0.208748	0.387118	-2.58319	0.339903	0.494391	-2.02269	0.00971402	0.0960655	-10.4096	0.162148	0.343376	-2.91226	0.371171	0.518074	-1.93023	0.907224	0.919896	-1.08708	0.0335898	0.169012	-5.91673	2.57169	20.891	7.22086	1
cg22731190	ADAMTSL2;ADAMTSL2	0.0990597	0.718483	1.18327	1.18327	0.418118	1.46907	1.46907	0.262357	0.580844	-1.72163	0.554368	0.75729	-1.3205	0.382863	0.659683	-1.51588	0.506224	1.36825	1.36825	0.00274877	0.146472	-6.82723	0.607701	0.786072	-1.27215	0.459824	0.704802	-1.41884	2.57169	8.80163	3.04224	1
cg26664457	ZNF652;ZNF652	0.0990602	0.742844	1.08732	1.08732	0.0461396	1.7879	1.7879	0.23113	1.37631	1.37631	0.493848	0.838044	-1.19325	0.149485	0.675031	-1.48141	0.440138	1.22164	1.22164	0.0573647	1.72746	1.72746	0.0285945	1.92855	1.92855	0.5875	0.869986	-1.14944	2.57168	2.6337	0.910327	1
cg18335505	FAM123C;FAM123C;FAM123C;FAM123C	0.0990607	0.679721	0.892249	-1.12076	0.148894	1.5298	1.5298	0.419921	1.25397	1.25397	0.826756	0.941579	-1.06205	0.0947313	0.603899	-1.65591	0.0563059	0.552357	-1.81042	0.181049	0.677062	-1.47697	0.018316	0.455537	-2.19521	0.714881	1.10601	1.10601	2.57167	3.07192	1.0618	1
cg01657744	LDB3;LDB3;LDB3	0.099061	0.042703	0.0791084	-12.6409	0.15071	0.187347	-5.33769	0.559484	1.89979	1.89979	0.302262	0.312832	-3.1966	0.0364813	0.0711212	-14.0605	0.213282	0.240463	-4.15864	0.0149506	0.0386246	-25.8902	0.152539	0.18895	-5.29241	0.136796	0.175017	-5.71374	2.57167	48.1605	16.6465	1
cg08901242	SLC1A6	0.0990639	0.138681	0.416785	-2.39932	0.0844347	0.350638	-2.85194	0.861053	1.10097	1.10097	0.32185	0.570112	-1.75404	0.0521413	0.297338	-3.36318	0.0728684	0.333347	-2.99988	0.0127365	0.18278	-5.47106	0.0499338	0.292985	-3.41315	0.225723	0.49732	-2.01078	2.57164	12.2784	4.24405	1
cg20808693	SMARCD3;SMARCD3	0.0990647	0.466065	0.800434	-1.24932	0.948567	1.01955	1.01955	0.151124	0.630231	-1.58672	0.00889477	2.71555	2.71555	0.183304	0.654622	-1.5276	0.24827	1.43649	1.43649	0.25398	1.42973	1.42973	0.346919	1.33731	1.33731	0.458209	1.25443	1.25443	2.57163	3.66797	1.26784	1
cg08408668	SBNO2	0.0990658	0.409535	0.758276	-1.31878	0.0525017	2.06125	2.06125	0.040158	2.17694	2.17694	0.0829752	1.87719	1.87719	0.260876	1.46917	1.46917	0.0788294	1.89705	1.89705	0.0527719	2.0591	2.0591	0.0587284	2.0147	2.0147	0.767892	1.10197	1.10197	2.57162	4.38363	1.51522	1
cg07589235	CNTNAP3	0.0990664	0.378566	0.685853	-1.45804	0.392678	0.693843	-1.44125	0.52766	0.765592	-1.30618	0.202857	0.570556	-1.75267	0.00287713	0.18064	-5.53589	0.139035	0.514451	-1.94382	0.0776348	0.441026	-2.26744	0.871096	1.07014	1.07014	0.479283	0.740666	-1.35014	2.57161	7.09621	2.45284	1
cg07541085	ATG5	0.0990693	0.0374599	0.428615	-2.3331	0.778243	1.10414	1.10414	0.614703	1.19494	1.19494	0.16106	0.591404	-1.69089	0.0156851	0.353731	-2.82701	0.68869	1.15178	1.15178	?	?	?	0.483599	1.28378	1.28378	0.402997	1.35026	1.35026	2.59996	4.50657	1.73332	1
cg06520672	UQCRFS1	0.0990761	0.198372	0.72926	-1.37125	0.466433	1.18784	1.18784	0.0620551	1.629	1.629	0.0852485	0.642789	-1.55572	0.886374	1.03377	1.03377	0.0168476	0.507976	-1.9686	0.919763	0.976869	-1.02368	0.212015	0.736864	-1.3571	0.532575	0.86345	-1.15814	2.5715	2.19715	0.759488	1
cg21347053	GMDS	0.099078	0.0635499	22.5478	22.5478	0.0561549	25.2923	25.2923	0.146681	10.2427	10.2427	0.209672	7.20435	7.20435	0.938071	1.12306	1.12306	0.550369	2.46565	2.46565	0.040903	33.9347	33.9347	0.0112088	115.16	115.16	0.115954	12.8303	12.8303	2.57148	90.8482	31.4037	1
cg11423443	C1orf85	0.0990796	0.429184	1.07828	1.07828	0.25548	0.895059	-1.11724	0.275909	0.899562	-1.11165	0.0238644	1.28631	1.28631	0.285451	1.10916	1.10916	0.27245	1.11257	1.11257	0.0195299	1.30158	1.30158	0.745508	0.970044	-1.03088	0.327171	1.09907	1.09907	2.57146	0.35519	0.12278	1
cg23773983	ATXN1;ATXN1	0.0990803	0.124422	0.746497	-1.33959	0.248742	0.80906	-1.236	0.56094	0.901836	-1.10885	0.90467	1.02128	1.02128	0.165628	0.771161	-1.29675	0.890612	0.976107	-1.02448	0.00986969	0.563806	-1.77366	0.306509	0.830229	-1.20449	0.0737969	1.41941	1.41941	2.57145	1.25783	0.4348	1
cg15045554	DST	0.0990805	0.700012	0.840093	-1.19034	0.0381192	0.339009	-2.94978	0.0120893	0.244594	-4.08842	0.217686	0.557869	-1.79254	0.159689	0.508544	-1.9664	0.134135	0.483348	-2.0689	0.0429644	0.350545	-2.8527	0.880909	1.0698	1.0698	0.100728	0.445268	-2.24584	2.57145	8.2488	2.85141	1
cg02415992	GRIN2A;GRIN2A;GRIN2A	0.0990838	0.550693	1.34607	1.34607	0.972893	0.983413	-1.01687	0.0173382	0.240152	-4.16402	0.691536	1.21691	1.21691	0.137507	2.19753	2.19753	0.541979	1.3551	1.3551	0.2043	1.93367	1.93367	0.0361761	0.301438	-3.31743	0.939623	1.03799	1.03799	2.57142	9.86832	3.41129	1
cg15927357	C18orf32	0.0990838	0.49896	0.632864	-1.58012	0.0410309	4.81442	4.81442	0.339583	1.92721	1.92721	0.066007	3.95401	3.95401	0.375772	0.545589	-1.83288	0.812251	0.853335	-1.17187	0.228288	0.430474	-2.32302	0.0257188	5.84603	5.84603	0.816909	0.856773	-1.16717	2.57142	18.0939	6.25472	1
cg00624908	PRDM16;PRDM16	0.0990843	0.931758	1.02469	1.02469	0.245339	0.707532	-1.41336	0.20833	0.68546	-1.45887	0.777262	0.922425	-1.0841	0.0290429	0.480665	-2.08045	0.024443	0.466113	-2.1454	0.0428962	0.515072	-1.94148	0.226907	1.43506	1.43506	0.958642	0.985344	-1.01487	2.57141	3.30132	1.1412	1
cg16699716	KLHDC4	0.0990846	0.699821	0.930643	-1.07453	0.0498707	1.51433	1.51433	0.168359	1.31304	1.31304	0.339429	1.20043	1.20043	0.157115	0.755233	-1.32409	0.182229	1.3004	1.3004	0.0176373	1.70852	1.70852	0.102939	1.39235	1.39235	0.858925	1.03356	1.03356	2.57141	1.40184	0.48459	1
cg10281704	LMF1	0.0990856	0.104257	0.528954	-1.89052	0.63478	0.842323	-1.18719	0.700622	0.870635	-1.14859	0.541324	1.24823	1.24823	0.0185041	0.359039	-2.78522	0.0692786	0.482504	-2.07252	0.0239672	0.380676	-2.6269	0.429368	1.33547	1.33547	0.679201	0.861464	-1.16081	2.5714	5.23664	1.81022	1
cg11504805	RASA3	0.0990894	0.162456	0.701841	-1.42482	0.347676	0.794883	-1.25805	0.125382	0.674496	-1.48259	0.354974	0.797791	-1.25346	0.00351303	0.390693	-2.55955	0.502129	1.17552	1.17552	0.588855	1.13832	1.13832	0.850794	0.956278	-1.04572	0.784493	0.936993	-1.06724	2.57135	2.29539	0.79349	1
cg03141958	BANP;BANP	0.0990919	0.0142673	0.636388	-1.57137	0.14488	0.791253	-1.26382	0.184008	0.809977	-1.2346	0.241109	1.20142	1.20142	0.864288	0.974743	-1.02591	0.191265	0.813094	-1.22987	0.973861	0.995112	-1.00491	0.212951	1.21671	1.21671	0.226221	1.20927	1.20927	2.57132	0.91066	0.314809	1
cg07801569	MSH5;MSH5;MSH5;MSH5	0.0990921	0.0371626	0.250573	-3.99085	0.661559	0.777254	-1.28658	0.756695	0.837126	-1.19456	0.198564	0.459682	-2.17542	0.240363	0.495004	-2.02019	0.162353	0.425996	-2.34744	0.00492512	0.118738	-8.42188	0.10613	0.364397	-2.74426	0.920018	0.944165	-1.05914	2.57132	13.3264	4.60686	1
cg02957771	FBXO31;FBXO31	0.0990949	0.348394	0.887093	-1.12728	0.119059	1.2336	1.2336	0.5069	0.919834	-1.08715	0.334712	1.13141	1.13141	0.260569	1.15676	1.15676	0.341657	1.12929	1.12929	0.0123675	1.47177	1.47177	0.257334	0.863554	-1.15801	0.214333	0.850241	-1.17614	2.57129	0.627154	0.216805	1
cg10648535	PIGP;PIGP;TTC3;PIGP	0.0990957	0.488887	1.09613	1.09613	0.198215	1.19427	1.19427	0.0451777	0.740805	-1.34988	0.963758	1.00595	1.00595	0.408713	0.89555	-1.11663	0.927784	0.988235	-1.01191	0.0393264	0.732518	-1.36515	0.130759	1.23743	1.23743	0.118526	1.24762	1.24762	2.57128	0.694107	0.239952	1
cg14431734	MIR600;C9orf45	0.0990971	0.0319071	0.453885	-2.2032	0.195001	1.53824	1.53824	0.93057	1.02776	1.02776	0.626243	0.857106	-1.16672	0.027805	0.441795	-2.26349	0.928224	0.972092	-1.02871	0.381859	0.754453	-1.32546	0.0816974	1.83333	1.83333	0.632625	1.16335	1.16335	2.57127	4.01931	1.38948	1
cg20630605	MRPL46;MRPS11;MRPS11	0.0990977	0.836731	0.955049	-1.04707	0.0337874	1.73753	1.73753	0.0246493	1.81556	1.81556	0.0248621	1.81338	1.81338	0.0849414	1.52897	1.52897	0.0887339	1.51967	1.51967	0.716997	1.08452	1.08452	0.488292	1.16991	1.16991	0.179603	1.37396	1.37396	2.57126	2.0231	0.69939	1
cg18586919	SELV	0.0990979	0.479038	0.870986	-1.14812	0.0973371	1.41796	1.41796	0.708649	1.07471	1.07471	0.552081	0.890945	-1.1224	0.105995	1.40339	1.40339	0.0967004	0.704677	-1.41909	0.454517	0.86396	-1.15746	0.0205767	0.585424	-1.70816	0.280594	0.806317	-1.24021	2.57126	1.50039	0.518688	1
cg18998860	FGFR4;FGFR4;FGFR4	0.0990987	0.259862	0.720792	-1.38736	0.0679818	0.565857	-1.76723	0.0535653	0.542973	-1.84171	0.111113	1.62173	1.62173	0.0358076	0.506417	-1.97466	0.866727	0.95429	-1.0479	0.718754	0.904168	-1.10599	0.939585	0.979106	-1.02134	0.0630133	0.558459	-1.79064	2.57125	3.16003	1.09243	1
cg00778636	SF3B2	0.0991017	0.0278465	0.731352	-1.36733	0.0879853	1.25436	1.25436	0.471459	1.09217	1.09217	0.799831	0.969881	-1.03105	0.928807	1.01081	1.01081	0.0969662	0.803104	-1.24517	0.07591	0.7884	-1.26839	0.934227	0.990115	-1.00998	0.200876	1.17656	1.17656	2.57122	0.58994	0.203947	1
cg13529335	SMARCA2;SMARCA2	0.0991037	0.982668	0.996975	-1.00303	0.201328	1.20709	1.20709	0.00889869	1.59084	1.59084	0.637817	0.936004	-1.06837	0.0357261	1.40617	1.40617	0.12246	1.26295	1.26295	0.378324	0.881553	-1.13436	0.479897	1.10536	1.10536	0.99086	1.0016	1.0016	2.57119	0.792184	0.273866	1
cg10595449	C5orf24;C5orf24	0.0991049	0.837188	0.958788	-1.04298	0.85613	0.96356	-1.03782	0.442661	0.852056	-1.17363	0.440442	0.851365	-1.17458	0.106342	0.697195	-1.43432	0.61661	0.901907	-1.10876	0.0873105	1.47124	1.47124	0.120538	1.41115	1.41115	0.0138379	0.536778	-1.86297	2.57118	1.70356	0.588944	1
cg05508408	DCUN1D2	0.0991052	0.0912401	2.88471	2.88471	0.489237	1.49199	1.49199	0.052603	3.50803	3.50803	0.174502	2.27653	2.27653	0.222271	2.07626	2.07626	0.0733519	3.11815	3.11815	0.00930475	6.54801	6.54801	0.877946	1.09148	1.09148	0.0520467	3.52125	3.52125	2.57118	13.2101	4.56689	1
cg19505032	ZNF90	0.0991083	0.619569	0.899132	-1.11218	0.00935805	0.496515	-2.01404	0.106532	0.687696	-1.45413	0.321343	0.804392	-1.24318	0.0473878	0.6176	-1.61917	0.0681179	0.647912	-1.54342	0.377032	1.21237	1.21237	0.443978	0.847215	-1.18034	0.23033	0.765401	-1.3065	2.57114	1.83793	0.635404	1
cg10125193	ABCA3	0.0991109	0.0622562	0.460176	-2.17308	0.32143	1.46054	1.46054	0.185203	0.594772	-1.68132	0.823497	1.08612	1.08612	0.00668263	0.272219	-3.67352	0.701244	1.15321	1.15321	0.786771	0.904597	-1.10546	0.512107	1.27874	1.27874	0.319774	0.683729	-1.46257	2.57111	5.56849	1.92515	1
cg13851989	CER1	0.0991115	0.0361043	0.291642	-3.42886	0.0513134	0.325688	-3.07042	0.729221	0.838884	-1.19206	0.525471	0.722329	-1.38441	0.0287423	0.271415	-3.6844	0.220265	0.52122	-1.91857	0.0180303	0.233991	-4.27366	0.729481	1.19185	1.19185	0.445877	0.675134	-1.48119	2.57111	10.4077	3.59818	1
cg05638287	KCNK1	0.0991134	0.372834	0.781244	-1.28001	0.0615907	1.76498	1.76498	0.709136	1.10639	1.10639	0.645924	1.13295	1.13295	0.812686	0.937955	-1.06615	0.175957	1.47441	1.47441	0.498315	0.830696	-1.20381	0.00519395	2.7056	2.7056	0.81784	1.06423	1.06423	2.57109	2.96481	1.02501	1
cg17647667	PROCR	0.0991142	0.760415	0.917329	-1.09012	0.845923	0.946591	-1.05642	0.0312436	0.490136	-2.04025	0.53833	0.838804	-1.19217	0.00676316	0.371413	-2.69242	0.78984	1.07828	1.07828	0.0537806	0.539122	-1.85487	0.211787	0.689968	-1.44934	0.363928	0.768564	-1.30113	2.57108	3.24126	1.12059	1
cg04264638	CLOCK	0.0991174	0.224381	0.587415	-1.70237	0.199795	1.75883	1.75883	0.999198	0.999581	-1.00042	0.0466007	0.386769	-2.58552	0.757463	0.878863	-1.13783	0.448418	0.724667	-1.37994	0.0472708	0.388201	-2.57598	0.0132757	0.278275	-3.59357	0.716836	0.85913	-1.16397	2.57104	7.07585	2.44634	1
cg10556830	CCNB1;CCNB1	0.0991203	0.187137	0.794534	-1.2586	0.429867	1.14175	1.14175	0.474999	0.887358	-1.12694	0.566604	1.09998	1.09998	0.984375	1.00323	1.00323	0.017408	0.621085	-1.61009	0.0102668	0.587332	-1.70261	0.915644	0.982721	-1.01758	0.910225	0.981616	-1.01873	2.57101	1.10191	0.380969	1
cg19511994	MIA2	0.0991235	0.536807	0.839144	-1.19169	0.944048	1.01988	1.01988	0.00435026	0.343568	-2.91063	0.716673	1.1076	1.1076	0.412486	1.26485	1.26485	0.146081	0.645622	-1.54889	0.238019	1.41421	1.41421	0.762067	1.08888	1.08888	0.431977	0.798613	-1.25217	2.57097	3.20153	1.1069	1
cg06120755	SLC26A1;IDUA;SLC26A1;SLC26A1	0.0991246	0.635613	0.904534	-1.10554	0.95038	1.01317	1.01317	0.035325	0.597385	-1.67396	0.105994	1.44936	1.44936	0.0412898	0.609693	-1.64017	0.144171	1.39067	1.39067	0.177879	1.35115	1.35115	0.716123	0.926106	-1.07979	0.83704	1.04424	1.04424	2.57096	1.79913	0.622036	1
cg16997312	NCSTN;COPA;COPA	0.099125	0.0278093	0.533821	-1.87329	0.0465626	0.576816	-1.73365	0.115258	0.661412	-1.51192	0.0102279	0.457701	-2.18483	0.997692	0.999302	-1.0007	0.334846	0.786552	-1.27137	0.184644	0.712007	-1.40448	0.728629	0.919356	-1.08772	0.185596	0.712593	-1.40333	2.57096	2.37291	0.820417	1
cg08807541	MAGOHB	0.0991259	0.0214592	0.24338	-4.10881	0.122609	2.35296	2.35296	0.0213336	4.11659	4.11659	0.589266	0.756701	-1.32153	0.519428	1.39658	1.39658	0.817633	0.888574	-1.1254	0.543116	0.729918	-1.37002	0.653324	1.26016	1.26016	0.682259	0.810156	-1.23433	2.57095	10.6517	3.68277	1
cg16067628	AATK	0.0991266	0.521598	0.760271	-1.31532	0.151419	0.5228	-1.91278	0.43493	1.39951	1.39951	0.529056	1.30873	1.30873	0.0418812	0.371778	-2.68978	0.344541	0.663122	-1.50802	0.0162004	0.289119	-3.45878	0.0513564	0.392184	-2.54982	0.737505	1.15249	1.15249	2.57094	7.24873	2.50621	1
cg24295405	SBNO2	0.0991303	0.383292	0.853749	-1.1713	0.401437	0.859086	-1.16403	0.103817	1.36968	1.36968	0.0125916	0.577684	-1.73105	0.958917	0.990931	-1.00915	0.145014	1.31892	1.31892	0.180353	0.777554	-1.28608	0.486417	1.13323	1.13323	0.376493	0.851711	-1.17411	2.5709	1.27361	0.440352	1
cg21596858	DCST1;DCST2;DCST1	0.0991311	0.16078	0.278494	-3.59075	0.132657	0.25043	-3.99312	0.0453339	0.140975	-7.09345	0.640488	0.669403	-1.49387	0.017726	0.085361	-11.715	0.433457	0.505567	-1.97798	0.0270718	0.107187	-9.32946	0.0552776	0.156595	-6.38588	0.106252	0.221951	-4.50551	2.57089	29.6496	10.2514	1
cg16115015	IL1R1	0.0991327	0.101484	0.845487	-1.18275	0.431429	1.07806	1.07806	0.873177	1.01507	1.01507	0.0642218	0.823116	-1.2149	0.034846	0.794357	-1.25888	0.381241	1.0877	1.0877	0.0683983	1.21044	1.21044	0.619405	1.04799	1.04799	0.652729	1.04331	1.04331	2.57087	0.356776	0.123357	1
cg16549694	HIVEP3;HIVEP3	0.0991336	0.357395	0.66114	-1.51254	0.0485432	2.67819	2.67819	0.628084	1.23789	1.23789	0.195129	0.549322	-1.82043	0.0213154	0.298278	-3.35258	0.510455	0.746885	-1.33889	0.0814238	0.429821	-2.32655	0.695679	1.18751	1.18751	0.277448	0.610311	-1.63851	2.57086	7.78188	2.69063	1
cg03428945	TMEM132B	0.099136	0.222224	1.78028	1.78028	0.012159	4.07594	4.07594	0.21279	1.80393	1.80393	0.285395	1.64685	1.64685	0.816445	0.900739	-1.1102	0.146944	2.01345	2.01345	0.311948	1.60047	1.60047	0.00972494	4.35091	4.35091	0.323247	1.58206	1.58206	2.57083	8.23058	2.8458	1
cg11698244	DPY19L2P2;DPY19L2P2	0.0991371	0.411338	0.766113	-1.30529	0.206311	1.52618	1.52618	0.606606	0.848121	-1.17908	0.251407	1.46234	1.46234	0.107142	0.572475	-1.7468	0.387786	0.755224	-1.32411	0.902762	0.961978	-1.03952	0.0174275	2.50435	2.50435	0.0831841	1.83734	1.83734	2.57082	4.09546	1.41605	1
cg16600257	ZP3;SRCRB4D	0.0991434	0.683438	0.74817	-1.3366	0.162496	2.87255	2.87255	0.683105	1.33703	1.33703	0.111853	0.293683	-3.40503	0.00658403	0.0823354	-12.1454	0.898674	1.09434	1.09434	0.147862	0.333318	-3.00013	0.526619	0.63508	-1.57461	0.245379	0.423238	-2.36274	2.57075	20.3887	7.04979	1
cg18410494	WDR41	0.0991436	0.598805	0.810689	-1.23352	0.0504712	0.414271	-2.41388	0.0342368	0.376598	-2.65535	0.301467	1.52684	1.52684	0.203589	0.588326	-1.69974	0.402631	0.712776	-1.40297	0.593332	1.23748	1.23748	0.0507415	2.41072	2.41072	0.676317	0.847066	-1.18055	2.57075	6.36244	2.19994	1
cg10793758	SHANK3	0.0991438	0.0221065	0.406349	-2.46094	0.707265	0.883556	-1.13179	0.148221	0.601112	-1.66358	0.667962	0.867959	-1.15213	0.044495	0.468961	-2.13237	0.0604745	0.499227	-2.0031	0.0384305	0.455158	-2.19704	0.969505	1.01262	1.01262	0.0552613	0.490133	-2.04026	2.57075	4.38465	1.51608	1
cg13414044	RNF170;RNF170;RNF170;RNF170;RNF170;RNF170;HOOK3;RNF170;RNF170;RNF170;RNF170	0.0991446	0.626906	0.938693	-1.06531	0.394452	1.11924	1.11924	0.235178	0.851551	-1.17433	0.163884	1.21151	1.21151	0.39615	1.11877	1.11877	0.00656436	1.57773	1.57773	0.963941	1.00586	1.00586	0.232747	1.17541	1.17541	0.0784071	1.28725	1.28725	2.57074	0.679162	0.234835	1
cg03850711	HMGB4;CSMD2;HMGB4	0.0991451	0.0140235	0.326502	-3.06277	0.222428	0.62304	-1.60503	0.36417	0.708856	-1.41072	0.499048	0.776296	-1.28817	0.0217813	0.362016	-2.76231	0.0407109	0.418177	-2.39133	0.956349	0.980004	-1.0204	0.9518	0.977941	-1.02256	0.081201	0.489998	-2.04082	2.57073	5.54394	1.91694	1
cg27524403	SGSM2;SGSM2	0.0991457	0.336986	0.816152	-1.22526	0.00818083	0.499328	-2.00269	0.677924	0.917862	-1.08949	0.0456524	0.624826	-1.60045	0.771609	1.06155	1.06155	0.380127	0.8313	-1.20293	0.244702	1.2837	1.2837	0.338199	1.2246	1.2246	0.967427	1.00842	1.00842	2.57072	1.71479	0.592928	1
cg03196720	SCNN1A;SCNN1A;SCNN1A	0.0991494	0.210147	1.39743	1.39743	0.650317	0.890796	-1.12259	0.655769	0.892538	-1.1204	0.528327	1.17572	1.17572	0.0454774	1.78829	1.78829	0.165964	1.45403	1.45403	0.0700141	1.6708	1.6708	0.013104	2.18074	2.18074	0.438816	0.818658	-1.22151	2.57068	2.61412	0.903908	1
cg10313093	TMEM165	0.0991494	0.496069	0.927144	-1.07858	0.115715	1.20581	1.20581	0.93844	1.00849	1.00849	0.0573465	0.790324	-1.2653	0.492362	0.926521	-1.07931	0.11757	0.83024	-1.20447	0.0102219	0.701603	-1.42531	0.913346	1.01199	1.01199	0.93476	1.009	1.009	2.57068	0.487739	0.16865	1
cg16892681	DONSON	0.0991496	0.365173	0.87929	-1.13728	0.0477426	0.731267	-1.36749	0.604777	1.07485	1.07485	0.184304	1.21495	1.21495	0.26976	1.17221	1.17221	0.16154	0.813271	-1.2296	0.0364533	0.714514	-1.39955	0.0986544	0.778516	-1.2845	0.661004	1.06291	1.06291	2.57068	0.778233	0.269097	1
cg24273028	QDPR	0.0991547	0.689427	0.918865	-1.0883	0.828476	1.04676	1.04676	0.0104735	1.97127	1.97127	0.0291348	0.581835	-1.7187	0.774925	1.06225	1.06225	0.374527	0.82531	-1.21167	0.624029	1.10966	1.10966	0.642171	1.10359	1.10359	0.294288	1.2575	1.2575	2.57062	1.8064	0.624629	1
cg06304856	GALNS	0.0991552	0.84453	0.949486	-1.0532	0.0381078	1.88629	1.88629	0.107752	1.58942	1.58942	0.248235	0.727115	-1.3753	0.833049	0.945796	-1.05731	0.897023	1.03478	1.03478	0.0166729	0.462261	-2.16328	0.736741	0.914776	-1.09316	0.490917	1.20288	1.20288	2.57062	2.83766	0.981229	1
cg20682146	PBX1	0.099157	0.0356547	3.96008	3.96008	0.7393	0.828635	-1.2068	0.858021	0.904123	-1.10604	0.994295	1.00403	1.00403	0.816793	0.877553	-1.13953	0.607416	0.747007	-1.33868	0.453972	0.650946	-1.53623	0.102328	2.73539	2.73539	0.00897862	6.48967	6.48967	2.5706	12.8978	4.45996	1
cg00193490	ICAM5	0.0991579	0.382943	0.805745	-1.24109	0.00589863	0.419102	-2.38606	0.26593	0.755902	-1.32292	0.450731	0.83068	-1.20383	0.384927	0.806506	-1.23992	0.975271	1.00751	1.00751	0.0323842	0.546219	-1.83077	0.320511	1.28119	1.28119	0.32273	0.781468	-1.27964	2.57059	2.37254	0.820406	1
cg09993119	L3MBTL2	0.0991586	0.664237	1.09056	1.09056	0.762775	0.941678	-1.06193	0.545249	1.12922	1.12922	0.011271	0.532531	-1.87783	0.287971	1.24482	1.24482	0.461091	1.16062	1.16062	0.0234531	0.584294	-1.71147	0.429141	0.851955	-1.17377	0.993664	0.998425	-1.00158	2.57058	1.60425	0.554737	1
cg23565980	MAP3K7IP1;MAP3K7IP1	0.0991604	0.260125	1.2158	1.2158	0.153017	0.775246	-1.28991	0.793637	0.957326	-1.04458	0.608676	1.0897	1.0897	0.836844	0.966279	-1.0349	0.0139995	1.65664	1.65664	0.06917	0.713017	-1.40249	0.991178	1.00184	1.00184	0.148577	1.29402	1.29402	2.57056	1.12666	0.389595	1
cg13709639	TUBA1B	0.0991619	0.0271857	0.199834	-5.00414	0.552349	1.44814	1.44814	0.5256	1.48611	1.48611	0.492192	0.650734	-1.53673	0.0761467	0.296577	-3.37181	0.257071	2.07206	2.07206	0.031931	0.212594	-4.70379	0.567388	1.42768	1.42768	0.236323	0.465661	-2.14749	2.57054	15.4448	5.34079	1
cg03256780	SLC8A1	0.0991652	0.559328	1.48912	1.48912	0.603559	1.42379	1.42379	0.730433	1.26272	1.26272	0.0342105	5.29328	5.29328	0.77479	0.824095	-1.21345	0.0886768	3.5486	3.5486	0.954029	0.961865	-1.03965	0.00486186	12.4055	12.4055	0.370499	1.85932	1.85932	2.57051	18.5174	6.40337	1
cg27186133	ARAP2	0.0991661	0.896311	1.01606	1.01606	0.0789004	1.26925	1.26925	0.865784	0.979541	-1.02089	0.00581742	1.55482	1.55482	0.295146	0.875753	-1.14187	0.335499	0.885713	-1.12903	0.396159	0.899261	-1.11202	0.579894	1.07071	1.07071	0.784623	1.03404	1.03404	2.5705	0.607921	0.210222	1
cg03477302	RFPL2;RFPL2;RFPL2;RFPL2	0.0991665	0.94983	1.00665	1.00665	0.155966	1.17349	1.17349	0.729275	0.964044	-1.0373	0.0236745	1.32934	1.32934	0.678313	0.956992	-1.04494	0.0217219	1.33696	1.33696	0.0337851	1.29855	1.29855	0.755391	0.967599	-1.03349	0.719131	1.0388	1.0388	2.57049	0.45224	0.156387	1
cg09726804	SLC19A3	0.0991681	0.0173342	0.231779	-4.31445	0.145964	0.455008	-2.19777	0.186352	0.493251	-2.02737	0.266222	1.79394	1.79394	0.0271644	0.267369	-3.74016	0.883156	0.928496	-1.07701	0.617664	1.28901	1.28901	0.149117	0.458196	-2.18247	0.940615	0.963112	-1.0383	2.57047	10.3606	3.58278	1
cg12349884	HIST1H2BK;HIST1H4I	0.0991708	0.0452993	0.252915	-3.9539	0.29536	0.522236	-1.91484	0.584119	0.718266	-1.39224	0.0817349	0.315112	-3.17347	0.0755396	0.305952	-3.26849	0.109563	0.351912	-2.84162	0.0619213	0.284087	-3.52005	0.123673	2.71343	2.71343	0.15361	0.400676	-2.49579	2.57044	14.5894	5.04519	1
cg27386563	SPG11;SPG11	0.0991723	0.53908	1.23196	1.23196	0.169555	0.612094	-1.63374	0.0144773	0.363959	-2.74756	0.103733	1.81638	1.81638	0.0920145	0.536763	-1.86302	0.288536	0.691004	-1.44717	0.132102	0.579726	-1.72495	0.588085	0.8324	-1.20135	0.363292	0.730939	-1.3681	2.57043	4.58122	1.58425	1
cg26395594	KIAA0776	0.0991732	0.656321	1.2191	1.2191	0.104833	2.19036	2.19036	0.0104206	4.16488	4.16488	0.0838268	0.428994	-2.33104	0.56509	0.773171	-1.29337	0.645314	0.814636	-1.22754	0.508755	0.743404	-1.34516	0.387106	1.48016	1.48016	0.2989	1.61005	1.61005	2.57042	7.96558	2.75461	1
cg02725269	KLK1	0.099176	0.0200675	0.189406	-5.27965	0.0319866	0.225281	-4.4389	0.335038	0.554513	-1.80339	0.902186	0.929669	-1.07565	0.0233088	0.200309	-4.99228	0.089913	0.329979	-3.03049	0.966297	0.97525	-1.02538	0.124916	0.373354	-2.67843	0.217933	0.463604	-2.15701	2.57039	14.3216	4.95268	1
cg17578235	TRIM26	0.0991785	0.124137	1.69016	1.69016	0.067227	1.90881	1.90881	0.117661	1.70847	1.70847	0.0935383	1.78846	1.78846	0.0407934	0.47506	-2.105	0.550052	1.20998	1.20998	0.629442	0.857919	-1.16561	0.147391	1.63233	1.63233	0.387711	1.32188	1.32188	2.57036	4.04433	1.39862	1
cg00822241	FUT2;FUT2	0.0991791	0.0380015	0.329395	-3.03587	0.31637	0.619895	-1.61318	0.160824	0.500825	-1.9967	0.058257	0.372325	-2.68583	0.0125735	0.238653	-4.19019	0.547226	0.754878	-1.32472	0.0306398	0.30962	-3.22977	0.296897	0.606977	-1.64751	0.147199	0.48769	-2.05048	2.57035	8.67578	3.00029	1
cg02854179	ACOX3;ACOX3	0.0991806	0.00373778	0.331597	-3.01571	0.303441	0.740446	-1.35054	0.0359202	0.502554	-1.98984	0.399676	0.784219	-1.27515	0.161662	0.656169	-1.524	0.708131	0.899403	-1.11185	0.209018	0.688432	-1.45258	0.800004	0.930932	-1.07419	0.897227	0.964223	-1.0371	2.57033	3.23558	1.11895	1
cg06440275	MYOM2	0.0991811	0.0453691	0.0810514	-12.3379	0.0584762	0.0963138	-10.3827	0.418286	0.404391	-2.47286	0.348736	0.347847	-2.87483	0.0340368	0.0666538	-15.0029	0.665171	0.620863	-1.61066	0.0135437	0.0352633	-28.3581	0.324021	0.327931	-3.04943	0.0609918	0.0991143	-10.0894	2.57033	48.7791	16.8691	1
cg26385993	TBCD;ZNF750	0.0991846	0.439575	0.784994	-1.2739	0.0181624	2.41299	2.41299	0.141742	1.62446	1.62446	0.428692	1.28161	1.28161	0.0286539	0.452595	-2.20948	0.623383	1.16416	1.16416	0.433104	1.27846	1.27846	0.743257	0.903991	-1.10621	0.641941	0.866055	-1.15466	2.57029	3.83906	1.32767	1
cg07113562	PRKG1;PRKG1	0.0991854	0.201579	1.19958	1.19958	0.497794	1.09733	1.09733	0.46773	0.905103	-1.10485	0.546073	1.08593	1.08593	0.220597	0.840484	-1.18979	0.157042	0.815284	-1.22657	0.0376375	0.722235	-1.38459	0.538708	0.919439	-1.08762	0.0320685	1.40334	1.40334	2.57028	0.741223	0.25634	1
cg14586630	MTO1;MTO1;MTO1	0.099187	0.277729	1.16344	1.16344	0.943585	1.00954	1.00954	0.0227068	1.44163	1.44163	0.448478	1.10915	1.10915	0.0510214	1.34725	1.34725	0.14795	1.23142	1.23142	0.664348	1.0603	1.0603	0.0452814	0.73491	-1.36071	0.656497	1.06187	1.06187	2.57026	0.732182	0.253214	1
cg04585722	EED;EED	0.0991875	0.0564685	0.364702	-2.74196	0.053824	0.359662	-2.78039	0.659861	0.813128	-1.22982	0.153758	0.490016	-2.04075	0.101879	0.433286	-2.30794	0.726606	0.848776	-1.17817	0.00715676	0.197485	-5.06367	0.157382	0.493499	-2.02635	0.150594	0.486934	-2.05367	2.57026	8.88102	3.07138	1
cg06900899	PP14571;GPC1	0.0991884	0.194247	2.96046	2.96046	0.0960546	4.23948	4.23948	0.338554	2.18067	2.18067	0.330864	2.20985	2.20985	0.153069	0.298429	-3.35088	0.247207	2.60178	2.60178	0.0162324	0.0979485	-10.2094	0.624348	1.47705	1.47705	0.949556	1.05127	1.05127	2.57025	25.4242	8.79266	1
cg11277143	C2orf48	0.0991896	0.553421	0.655609	-1.5253	0.923074	1.07038	1.07038	0.57668	1.4876	1.4876	0.533504	0.64139	-1.55911	0.0141873	0.118728	-8.4226	0.812556	0.845954	-1.1821	0.00704545	0.0860348	-11.6232	0.496232	0.614755	-1.62666	0.273575	0.448259	-2.23085	2.57023	20.1881	6.98183	1
cg04105350	PRKCZ;PRKCZ;PRKCZ	0.0991905	0.701128	1.21061	1.21061	0.0603987	2.85634	2.85634	0.932127	0.958662	-1.04312	0.323616	1.6574	1.6574	0.00569931	0.165812	-6.03093	0.673892	1.23338	1.23338	0.968363	1.01985	1.01985	0.453883	1.45953	1.45953	0.804799	1.13057	1.13057	2.57022	9.99857	3.45792	1
cg16235008	ACYP1;ACYP1	0.0991937	0.110548	0.736856	-1.35712	0.335562	1.19051	1.19051	0.0140977	1.70247	1.70247	0.723208	1.06444	1.06444	0.0829282	1.40097	1.40097	0.419472	0.865146	-1.15587	0.519012	0.891543	-1.12165	0.38909	1.16766	1.16766	0.152802	1.30852	1.30852	2.57019	1.2553	0.434139	1
cg24088293	OPTN;OPTN;OPTN;OPTN	0.0991952	0.936509	0.986693	-1.01349	0.134296	1.31194	1.31194	0.82795	1.03728	1.03728	0.911153	1.01895	1.01895	0.455013	0.879894	-1.1365	0.446034	0.877557	-1.13953	0.00527339	0.538745	-1.85617	0.758306	1.05327	1.05327	0.163574	1.28403	1.28403	2.57017	1.15093	0.398048	1
cg02500201	CLCN7;CLCN7	0.0992007	0.742097	1.07645	1.07645	0.168424	1.3874	1.3874	0.164101	0.71804	-1.39268	0.289063	1.27828	1.27828	0.41952	1.20203	1.20203	0.216762	0.748297	-1.33637	0.0900369	1.51715	1.51715	0.422614	1.2005	1.2005	0.023012	0.545214	-1.83414	2.57011	2.02593	0.70068	1
cg07148752	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.0992015	0.894859	0.969141	-1.03184	0.593332	1.13631	1.13631	0.381774	1.23696	1.23696	0.699824	0.912248	-1.09619	0.517889	1.16813	1.16813	0.168102	1.41655	1.41655	0.00584178	0.425047	-2.35268	0.373506	1.24181	1.24181	0.180661	1.40071	1.40071	2.5701	2.28756	0.79117	1
cg20555507	TRPM3;TRPM3	0.099202	0.504308	0.913657	-1.0945	0.503388	0.913473	-1.09472	0.705496	1.0519	1.0519	0.914011	1.0145	1.0145	0.503699	0.913535	-1.09465	0.0174809	0.680113	-1.47034	0.459469	0.904499	-1.10558	0.0351632	1.38682	1.38682	0.106006	1.26526	1.26526	2.5701	0.722922	0.250028	1
cg16696476	RANGRF;SLC25A35	0.0992031	0.119815	0.532387	-1.87833	0.344561	0.695136	-1.43857	0.121682	1.87142	1.87142	0.773523	1.11379	1.11379	0.0445688	0.422525	-2.36672	0.109515	0.521142	-1.91886	0.0841151	0.489765	-2.0418	0.0413409	0.41522	-2.40836	0.816938	0.917035	-1.09047	2.57008	5.67892	1.96411	1
cg24546680	DFFB;KIAA0562;KIAA0562	0.0992049	0.346708	1.1586	1.1586	0.0227058	1.51337	1.51337	0.677522	1.06559	1.06559	0.599884	1.08373	1.08373	0.640347	0.931009	-1.0741	0.350038	0.864039	-1.15735	0.146706	0.789278	-1.26698	0.0300398	1.47358	1.47358	0.295051	0.847915	-1.17936	2.57006	0.939448	0.32492	1
cg01454815	SCNN1G	0.0992057	0.0410136	11.312	11.312	0.728229	0.698469	-1.4317	0.661921	0.635948	-1.57246	0.317683	0.345572	-2.89375	0.0214648	0.0583006	-17.1525	0.0746869	0.129704	-7.70986	0.724127	1.43988	1.43988	0.414319	2.35951	2.35951	0.481194	2.08873	2.08873	2.57006	43.0772	14.8988	1
cg11147878	SUSD4;SUSD4	0.0992076	0.630974	0.773387	-1.29301	0.0713501	0.343243	-2.91339	0.0787777	0.354698	-2.8193	0.81965	0.88581	-1.12891	0.00793314	0.164052	-6.09563	0.331291	0.5873	-1.70271	0.129488	0.419064	-2.38627	0.12591	0.41509	-2.40911	0.043511	0.29155	-3.42994	2.57003	11.4748	3.96875	1
cg07631407	TTBK1	0.0992101	0.1426	2.9522	2.9522	0.176423	2.67907	2.67907	0.0360404	5.45452	5.45452	0.0617535	4.28881	4.28881	0.921283	0.935062	-1.06945	0.899346	0.917627	-1.08977	0.0680873	4.10685	4.10685	0.0251641	6.41943	6.41943	0.0425678	5.06201	5.06201	2.73463	19.5627	5.564	1
cg16713947	TAPBPL;CD27;LOC678655	0.0992129	0.101191	0.700467	-1.42762	0.787076	1.05517	1.05517	0.110873	1.41134	1.41134	0.332383	0.820088	-1.21938	0.234275	0.7809	-1.28057	0.0626282	0.659964	-1.51523	0.0143741	0.549627	-1.81942	0.303454	0.80944	-1.23542	0.52337	0.879605	-1.13687	2.56998	1.60132	0.553857	1
cg11718965	PRKAG2;PRKAG2	0.0992143	0.658424	1.13655	1.13655	0.0480377	1.91588	1.91588	0.320529	0.744309	-1.34353	0.741741	0.909243	-1.09982	0.832585	1.06279	1.06279	0.398752	1.28217	1.28217	0.00597712	2.81189	2.81189	0.304744	1.35768	1.35768	0.48383	0.814883	-1.22717	2.56996	3.36899	1.16525	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26917540	ULK2;ULK2	0.0992156	0.961998	1.01847	1.01847	0.918938	0.961657	-1.03987	0.0427471	2.44926	2.44926	0.0387512	2.5073	2.5073	0.534402	0.78532	-1.27337	0.0221652	0.348783	-2.86711	0.4402	1.353	1.353	0.659684	1.18554	1.18554	0.991227	1.00423	1.00423	2.56994	6.00384	2.0766	1
ch.12.2884971F	EP400	0.0992199	0.72521	0.949075	-1.05366	0.0318487	0.688975	-1.45143	0.014789	0.641336	-1.55924	0.0910841	0.759085	-1.31738	0.0312537	0.687776	-1.45396	0.224056	0.82765	-1.20824	0.228308	0.829219	-1.20595	0.278947	0.846437	-1.18142	0.772005	1.04397	1.04397	2.5699	0.892765	0.308794	1
cg25090604	ATP11A;ATP11A	0.0992209	0.229836	0.674053	-1.48356	0.353163	0.741488	-1.34864	0.055814	0.507451	-1.97064	0.764944	0.910395	-1.09842	0.00513518	0.314347	-3.1812	0.640291	0.862998	-1.15875	0.544224	0.82517	-1.21187	0.76566	1.0981	1.0981	0.0465936	0.489947	-2.04104	2.56989	3.98937	1.37987	1
cg02554317	ORC6L	0.0992211	0.100924	0.476963	-2.0966	0.031799	0.354524	-2.82068	0.0317233	0.354307	-2.82241	0.157216	0.536146	-1.86516	0.0449805	0.387479	-2.58078	0.0898889	0.462845	-2.16055	0.0788647	0.447469	-2.23479	0.0868395	0.458732	-2.17992	0.0784111	0.446805	-2.23811	2.56988	6.91146	2.39058	1
cg17607759	CECR5;CECR5	0.0992219	0.0640425	0.640951	-1.56018	0.0359128	1.68475	1.68475	0.125017	1.42602	1.42602	0.14378	0.714853	-1.39889	0.461872	1.1736	1.1736	0.258726	0.777369	-1.28639	0.57461	1.12885	1.12885	0.263702	0.779577	-1.28275	0.525641	1.14734	1.14734	2.56988	1.85903	0.643017	1
cg16403326	AQP5	0.0992272	0.140798	0.657901	-1.51998	0.0533843	0.559914	-1.78599	0.0231722	0.487995	-2.0492	0.756631	0.921124	-1.08563	0.0149013	0.4532	-2.20653	0.587985	0.865397	-1.15554	0.085611	0.605211	-1.65231	0.748411	1.08877	1.08877	0.760228	0.922286	-1.08426	2.56981	2.84302	0.983391	1
cg25402818	PTPRN2;PTPRN2;PTPRN2	0.0992305	0.314524	0.653716	-1.52972	0.406165	0.706584	-1.41526	0.0469282	0.39473	-2.53337	0.169262	1.81939	1.81939	0.032328	0.359061	-2.78504	0.0466114	0.394052	-2.53773	0.0829564	0.456298	-2.19155	0.936182	0.967801	-1.03327	0.208022	0.581277	-1.72035	2.56978	6.79817	2.35149	1
cg12527677	SEC24A	0.0992308	0.413285	1.1892	1.1892	0.00457122	0.457364	-2.18644	0.203493	0.757242	-1.32058	0.558737	0.884705	-1.13032	0.707081	0.924773	-1.08135	0.840474	1.04264	1.04264	0.565865	1.12777	1.12777	0.1017	0.689916	-1.44945	0.18447	0.747048	-1.3386	2.56978	1.74679	0.604217	1
cg11736230	PPP1R13B	0.0992316	0.0631672	0.243147	-4.11274	0.897994	1.08894	1.08894	0.351216	1.89679	1.89679	0.772148	1.21283	1.21283	?	?	?	0.0816459	0.271803	-3.67913	0.018646	0.141768	-7.05376	0.129924	0.332938	-3.00356	0.153856	0.358806	-2.78702	2.76148	16.7944	5.32145	1
cg07571519	C10orf105;C10orf105;CDH23	0.0992318	0.227932	0.651416	-1.53512	0.319763	0.705962	-1.41651	0.266596	0.675706	-1.47993	0.206704	0.636986	-1.56989	0.194741	0.628433	-1.59126	0.58249	1.20687	1.20687	0.0621816	2.03614	2.03614	0.75212	1.11328	1.11328	0.0139051	0.357321	-2.7986	2.56976	4.66791	1.61464	1
cg13922021	F2RL1	0.099232	0.108856	4.28922	4.28922	0.0890249	4.76704	4.76704	0.286353	2.51417	2.51417	0.538132	1.68044	1.68044	0.603184	1.54759	1.54759	0.129976	3.90393	3.90393	0.00657951	18.8885	18.8885	0.0334466	7.91856	7.91856	0.146191	3.66535	3.66535	2.56976	28.2199	9.76134	1
cg04052100	GSR	0.0992326	0.105957	0.733601	-1.36314	0.106963	1.36171	1.36171	0.275265	1.22035	1.22035	0.712302	0.937084	-1.06714	0.119288	1.34526	1.34526	0.152244	0.7641	-1.30873	0.268334	0.816871	-1.22418	0.0380571	0.655821	-1.52481	0.831004	0.963199	-1.03821	2.56976	1.25271	0.433318	1
cg00594952	RIMS3	0.0992347	0.666908	1.1705	1.1705	0.107863	1.89248	1.89248	0.00894636	3.34989	3.34989	0.154629	1.74004	1.74004	0.262534	0.653947	-1.52918	0.911696	1.04116	1.04116	0.395311	0.728684	-1.37234	0.32588	0.691559	-1.44601	0.28054	1.50353	1.50353	2.56973	5.37986	1.86093	1
cg24012157	DDX50	0.0992368	0.19605	1.19457	1.19457	0.159303	1.21603	1.21603	0.0587322	1.32001	1.32001	0.974566	0.995863	-1.00415	0.022712	1.42566	1.42566	0.732932	1.04555	1.04555	0.0977191	0.789571	-1.26651	0.125985	1.24023	1.24023	0.17271	1.20769	1.20769	2.56971	0.688203	0.238057	1
cg26684050	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.0992416	0.547264	0.768696	-1.3009	0.0205305	0.299578	-3.33803	0.172113	0.53379	-1.8734	0.331239	0.648568	-1.54186	0.0155283	0.277496	-3.60365	0.67878	0.835382	-1.19706	0.155926	1.92642	1.92642	0.700523	1.18166	1.18166	0.617505	0.804563	-1.24291	2.56966	7.59197	2.6262	1
cg16911672	SELENBP1	0.0992428	0.0355076	0.160333	-6.23702	0.107169	0.268442	-3.7252	0.0611993	0.206478	-4.84313	0.389143	0.516855	-1.93478	0.0147266	0.105929	-9.44032	0.207901	0.370458	-2.69936	0.0472224	0.18305	-5.463	0.735186	0.775785	-1.28902	0.0947913	0.253328	-3.94745	2.56964	22.7603	7.87324	1
cg00380435	ADSSL1;ADSSL1	0.0992437	0.247916	0.663015	-1.50826	0.0216101	0.391226	-2.55607	0.187664	0.621865	-1.60806	0.903061	1.04232	1.04232	0.00808252	0.315369	-3.17089	0.486492	0.786191	-1.27196	0.0634073	0.491557	-2.03435	0.220678	0.645296	-1.54968	0.521428	0.801644	-1.24744	2.56963	4.71045	1.62944	1
cg24201805	TCF3;TCF3	0.0992447	0.184389	1.43777	1.43777	0.298037	0.757152	-1.32074	0.206817	1.40965	1.40965	0.0860197	1.63105	1.63105	0.323932	1.30046	1.30046	0.730821	1.09315	1.09315	0.0133715	0.453783	-2.20369	0.877889	0.961125	-1.04045	0.477802	0.830175	-1.20457	2.56962	2.70653	0.936248	1
cg06291111	PDCD1	0.0992484	0.903201	1.0716	1.0716	0.303277	1.83309	1.83309	0.275694	1.90497	1.90497	0.975981	1.01726	1.01726	0.00508748	0.121916	-8.20238	0.965944	1.02456	1.02456	0.314049	1.80713	1.80713	0.140658	0.406276	-2.46138	0.8425	0.893093	-1.1197	2.56958	13.1451	4.54727	1
cg18362897	PSMD10;PSMD10	0.0992489	0.762102	1.06619	1.06619	0.0182274	0.546084	-1.83122	0.147175	0.72011	-1.38868	0.509732	0.868351	-1.15161	0.00733466	0.482106	-2.07423	0.578498	0.888283	-1.12577	0.910223	1.02409	1.02409	0.790181	1.0579	1.0579	0.979381	0.99456	-1.00547	2.56957	1.81324	0.627251	1
cg00566982	DNHD1	0.0992502	0.0661684	2.06624	2.06624	0.0793922	1.98517	1.98517	0.00942127	3.18656	3.18656	0.200951	1.60902	1.60902	0.832665	1.07735	1.07735	0.327515	1.4275	1.4275	0.299376	1.46044	1.46044	0.297027	0.683369	-1.46334	0.590715	0.825983	-1.21068	2.56956	5.04636	1.74569	1
cg22679406	GABBR1;GABBR1	0.0992509	0.0991344	0.379233	-2.6369	0.0387548	3.60967	3.60967	0.663981	1.26419	1.26419	0.359387	1.6577	1.6577	0.0901532	0.367267	-2.72282	0.158173	0.445218	-2.24609	0.0940389	0.37253	-2.68434	0.852918	1.10466	1.10466	0.279316	0.547029	-1.82806	2.56955	11.7065	4.04965	1
cg04778012	STAG3;GPC2	0.0992529	0.187858	3.13902	3.13902	0.0168968	10.8993	10.8993	0.0412185	6.89153	6.89153	0.312564	2.35424	2.35424	0.572398	0.626521	-1.59612	0.0504542	6.2176	6.2176	0.628346	1.49154	1.49154	0.0613957	5.62622	5.62622	0.119388	3.99561	3.99561	2.56953	27.3408	9.45814	1
cg09163478	LPHN3	0.0992532	0.936472	1.01875	1.01875	0.17737	0.716048	-1.39655	0.325314	0.789284	-1.26697	0.220112	0.740532	-1.35038	0.0466379	0.588135	-1.70029	0.297959	0.777733	-1.28579	0.028532	1.82587	1.82587	0.355232	1.24803	1.24803	0.295151	1.28781	1.28781	2.56953	2.20898	0.764164	1
cg00990022	NT5C1A	0.0992548	0.733834	1.15817	1.15817	0.121475	2.05921	2.05921	0.264217	1.64985	1.64985	0.0229998	3.22171	3.22171	0.816131	1.1054	1.1054	0.922301	0.958896	-1.04287	0.032113	2.94475	2.94475	0.570926	0.78162	-1.27939	0.0218704	3.26594	3.26594	2.56951	7.53271	2.60585	1
cg12085704	MAN2B1	0.0992552	0.537548	1.08543	1.08543	0.0631597	1.31579	1.31579	0.719216	0.953699	-1.04855	0.31941	0.873613	-1.14467	0.00906313	0.646925	-1.54577	0.157378	0.819915	-1.21964	0.831762	0.97245	-1.02833	0.698556	0.95018	-1.05243	0.408727	1.11735	1.11735	2.5695	0.701755	0.242764	1
cg13366654	LPCAT1	0.0992605	0.47677	0.828495	-1.20701	0.00735519	0.407221	-2.45567	0.758514	0.922937	-1.0835	0.839109	0.948505	-1.05429	0.0243374	0.497613	-2.00959	0.491234	1.1994	1.1994	0.414925	1.24199	1.24199	0.81799	1.06178	1.06178	0.352718	0.779821	-1.28235	2.56944	2.7522	0.952113	1
cg19430780	SIPA1L3;WDR87	0.0992617	0.029289	0.468623	-2.13391	0.415726	1.2713	1.2713	0.769501	1.08822	1.08822	0.450421	0.801074	-1.24832	0.0476531	0.514116	-1.94509	0.710558	0.898273	-1.11325	0.0627117	0.541411	-1.84702	0.108747	1.66519	1.66519	0.272224	0.718413	-1.39196	2.73398	3.50609	0.997434	1
cg00525288	ADARB2	0.099263	0.771565	1.09337	1.09337	0.0142717	0.395862	-2.52613	0.807279	1.07782	1.07782	0.587844	0.845529	-1.18269	0.094202	0.568808	-1.75806	0.638809	0.865054	-1.156	0.0337211	2.13919	2.13919	0.646216	0.867859	-1.15226	0.529925	1.21545	1.21545	2.56942	3.82635	1.32372	1
cg04034583	EN1	0.0992635	0.333246	0.547137	-1.82769	0.0418374	0.242361	-4.12608	0.805632	0.861603	-1.16063	0.218863	0.457788	-2.18442	0.18759	2.32521	2.32521	0.433704	0.617129	-1.62041	0.13	0.372244	-2.68641	0.0421863	4.11323	4.11323	0.342955	1.80458	1.80458	2.56941	14.8562	5.1395	1
cg10170637	CCNT1;CCNT1	0.099264	?	?	?	0.141942	5.80045	5.80045	0.891156	1.1627	1.1627	0.831308	1.26479	1.26479	0.68262	0.635729	-1.573	0.0133234	0.0303831	-32.9131	0.0590851	10.9313	10.9313	0.851294	0.813308	-1.22955	0.41878	0.4015	-2.49066	2.76106	46.1196	14.6156	1
cg05017199	TMEM176B;TMEM176B;TMEM176A;TMEM176B;TMEM176B;TMEM176B	0.0992641	0.0458695	13.0849	13.0849	0.0877776	8.30842	8.30842	0.168212	5.20694	5.20694	0.158612	5.43671	5.43671	0.0958064	7.81034	7.81034	0.0954459	7.8312	7.8312	0.0126808	32.4912	32.4912	0.0747787	9.29956	9.29956	0.0803737	8.84014	8.84014	2.5694	51.3742	17.773	1
cg07793207	LGI1	0.0992644	0.163092	0.487373	-2.05181	0.40014	1.51559	1.51559	0.185287	1.97027	1.97027	0.997309	0.998373	-1.00163	0.543376	0.743068	-1.34577	0.794001	0.881319	-1.13466	0.00459375	0.16181	-6.1801	0.256665	0.564637	-1.77105	0.935437	0.961642	-1.03989	2.5694	9.4845	3.28118	1
cg01953069	TRAF2	0.0992706	0.112076	0.562601	-1.77746	0.722609	0.888261	-1.1258	0.16233	0.608999	-1.64204	0.0163083	0.376692	-2.65469	0.0306448	0.429882	-2.32622	0.0224062	0.402739	-2.483	0.659864	0.863092	-1.15863	0.31409	0.70744	-1.41355	0.920791	1.03362	1.03362	2.56933	4.49725	1.55587	1
cg02536045	LETMD1;LETMD1	0.0992712	0.238898	1.16564	1.16564	0.526604	1.08299	1.08299	0.0521127	1.31593	1.31593	0.543906	0.926506	-1.07932	0.00518642	1.58168	1.58168	0.617584	1.06455	1.06455	0.622539	0.940207	-1.0636	0.169719	1.19932	1.19932	0.833425	0.974169	-1.02652	2.56932	0.628347	0.217384	1
cg07849052	IKZF1	0.0992731	0.0260868	0.485169	-2.06114	0.587054	0.860516	-1.16209	0.0752572	0.58124	-1.72046	0.514988	1.19825	1.19825	0.645781	1.13517	1.13517	0.0561175	1.80875	1.80875	0.289566	1.35139	1.35139	0.670665	0.889428	-1.12432	0.180777	0.677541	-1.47592	2.5693	3.05367	1.05646	1
cg14948946	TBRG4;TBRG4;TBRG4	0.0992735	0.134578	1.75598	1.75598	0.205409	1.59398	1.59398	0.726256	1.13051	1.13051	0.479861	1.28487	1.28487	0.0809285	0.508957	-1.9648	0.397091	0.738881	-1.3534	0.0504674	0.459325	-2.17711	0.0411129	0.439364	-2.27602	0.820516	1.08254	1.08254	2.5693	4.95603	1.71461	1
cg07816570	RNF220	0.0992767	0.700194	0.902526	-1.108	0.120817	0.640223	-1.56196	0.338604	0.769927	-1.29882	0.697151	1.10923	1.10923	0.0459514	0.545347	-1.8337	0.00566159	0.382041	-2.61752	0.41006	1.2502	1.2502	0.81941	0.941186	-1.06249	0.584012	0.863671	-1.15785	2.56926	2.85895	0.989112	1
cg16373526	CTTN;CTTN	0.0992795	0.053955	0.180031	-5.5546	0.101773	0.245651	-4.07082	0.104078	0.248391	-4.02591	0.228168	0.371088	-2.69478	0.0220692	0.116307	-8.5979	0.230738	0.373317	-2.67869	0.0208703	0.113142	-8.83846	0.359818	0.478136	-2.09145	0.0474213	0.16907	-5.9147	2.56923	24.9933	8.64705	1
cg07804434	PRKAG2	0.0992802	0.696384	1.21632	1.21632	0.021205	3.98899	3.98899	0.248398	0.547401	-1.82682	0.0648108	0.35499	-2.81698	0.340751	0.612451	-1.63278	0.165471	0.477716	-2.09329	0.302243	1.70526	1.70526	0.820066	0.892456	-1.1205	0.164987	0.477259	-2.0953	2.56923	10.1482	3.51101	1
cg02535060	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.0992806	0.108442	0.199827	-5.00433	0.00478626	0.0319545	-31.2945	0.0982596	0.188695	-5.29956	0.592908	0.6088	-1.64258	0.124895	0.217051	-4.60722	0.144758	0.236843	-4.22221	0.0903581	0.179758	-5.56304	0.129645	0.221874	-4.50707	0.349608	0.412537	-2.42403	2.56922	34.4109	11.9054	1
cg15854847	NKX2-6	0.0992824	0.659269	1.71451	1.71451	0.41999	2.72125	2.72125	0.975165	0.962883	-1.03855	0.159752	6.20442	6.20442	0.387141	0.340596	-2.93603	0.674972	0.599044	-1.66933	0.193706	0.18808	-5.31689	0.00447363	100.077	100.077	0.63334	1.79305	1.79305	2.5692	60.0696	20.7828	1
cg12176191	MIR1295;FMO3;FMO3	0.0992825	0.340246	0.793204	-1.26071	0.349298	0.796831	-1.25497	0.0262752	0.537257	-1.86131	0.567866	1.14578	1.14578	0.0777475	0.629966	-1.58739	0.751759	1.07767	1.07767	0.579767	1.14093	1.14093	0.400611	0.816437	-1.22483	0.0115143	0.474748	-2.10638	2.5692	2.26086	0.782211	1
cg19223129	TADA2B	0.0992861	0.984857	1.0139	1.0139	0.248762	2.40295	2.40295	0.136014	3.21626	3.21626	0.884435	1.11156	1.11156	0.0570513	0.208934	-4.78621	0.279415	0.441429	-2.26537	0.0124617	0.104239	-9.59332	0.733558	1.28205	1.28205	0.432948	0.558826	-1.78946	2.56916	21.5171	7.44458	1
cg26771583	BEST2	0.0992873	?	?	?	0.0345548	0.0947391	-10.5553	0.37542	0.426439	-2.345	0.937025	1.07653	1.07653	0.0230514	0.0735652	-13.5934	0.510372	1.8672	1.8672	0.171102	3.94784	3.94784	0.640319	1.55212	1.55212	0.374135	2.35072	2.35072	2.76076	33.1328	10.5012	1
cg04078833	PLXNA1	0.0992877	0.0401837	0.485049	-2.06165	0.964944	0.986677	-1.0135	0.698844	1.12597	1.12597	0.755117	0.908935	-1.10019	0.0136374	0.394094	-2.53747	0.453108	0.791963	-1.26269	0.422392	1.28414	1.28414	0.0426773	0.490617	-2.03825	0.150054	0.624449	-1.60141	2.56914	3.78946	1.3111	1
cg27596828	RDH10	0.0992888	?	?	?	0.95586	0.974623	-1.02604	0.0273383	0.297468	-3.3617	0.545114	1.32896	1.32896	0.0904264	0.420459	-2.37835	0.789687	0.883256	-1.13217	0.0140104	0.244408	-4.09152	0.352383	0.641201	-1.55957	0.165665	0.503288	-1.98693	2.59745	7.88581	3.03599	1
cg26089892	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.0992901	0.214696	0.605235	-1.65225	0.237159	0.621196	-1.6098	0.0354753	0.390154	-2.56309	0.939276	0.971135	-1.02972	0.110703	0.512656	-1.95063	0.42979	1.3632	1.3632	0.283495	1.53475	1.53475	0.0734494	2.1539	2.1539	0.139423	0.542561	-1.84311	2.56911	6.01345	2.0806	1
cg06964030	MIR1306;DGCR8	0.0992901	0.118547	0.665997	-1.50151	0.140724	0.683794	-1.46243	0.495104	0.846899	-1.18078	0.0988077	0.647808	-1.54367	0.0590377	0.599661	-1.66761	0.0230435	0.520999	-1.91939	0.0197594	0.509023	-1.96455	0.576963	1.14475	1.14475	0.462331	0.835704	-1.1966	2.56911	2.34134	0.810082	1
cg25721369	LOC442293	0.0992904	0.0585647	0.716549	-1.39558	0.0137599	1.60808	1.60808	0.342535	0.858528	-1.16478	0.724529	1.05674	1.05674	0.159218	1.26448	1.26448	0.564201	1.09519	1.09519	0.303993	1.18064	1.18064	0.492979	0.897086	-1.11472	0.441047	0.884665	-1.13037	2.56911	0.989962	0.342518	1
cg26018901	CORIN;CORIN	0.099292	0.0812593	0.46413	-2.15457	0.438076	1.36908	1.36908	0.497799	0.760823	-1.31437	0.843321	1.08176	1.08176	0.197369	0.582048	-1.71807	0.797973	1.10724	1.10724	0.00762744	0.256042	-3.90561	0.109548	0.500124	-1.9995	0.104109	0.493761	-2.02527	2.56909	6.4179	2.22055	1
cg03333727	TMX2;TMX2;TMX2	0.0992926	0.565224	0.911194	-1.09746	0.363816	1.16101	1.16101	0.410383	0.874007	-1.14416	0.294384	1.19002	1.19002	0.0181271	0.63189	-1.58255	0.0579346	1.40903	1.40903	0.182503	1.25397	1.25397	0.428252	0.878646	-1.13812	0.337467	0.853692	-1.17138	2.56909	1.04118	0.360243	1
cg27381549	ADORA2A	0.0992935	0.984258	0.996374	-1.00364	0.279328	1.23007	1.23007	0.768399	1.05587	1.05587	0.630033	0.914522	-1.09347	0.39811	1.17267	1.17267	0.0120764	1.77922	1.77922	0.00787908	1.87311	1.87311	0.873122	1.02986	1.02986	0.61647	1.09743	1.09743	2.56908	1.37913	0.477171	1
cg11289281	GLYR1;UBN1;UBN1	0.0992961	0.685817	0.953092	-1.04922	0.0515383	0.769658	-1.29928	0.149669	0.833206	-1.20018	0.954804	1.00672	1.00672	0.457654	1.09346	1.09346	0.576398	1.06895	1.06895	0.0831219	0.797208	-1.25438	0.0458468	1.31048	1.31048	0.154976	1.19698	1.19698	2.56905	0.567802	0.196459	1
cg27310486	CCDC71	0.0992968	0.111934	0.586087	-1.70623	0.385026	1.3164	1.3164	0.0185631	0.414333	-2.41352	0.129352	0.603015	-1.65833	0.450818	1.26763	1.26763	0.329627	0.733057	-1.36415	0.160409	0.62948	-1.58861	0.462836	1.25945	1.25945	0.0607057	0.52065	-1.92068	2.56904	3.87641	1.34124	1
cg16849268	MTSS1	0.0992976	0.130076	0.564215	-1.77237	0.445822	0.761846	-1.3126	0.909281	1.0407	1.0407	0.817737	1.08415	1.08415	0.103508	0.536216	-1.86492	0.378143	1.37231	1.37231	0.098839	0.530774	-1.88404	0.0172584	2.76022	2.76022	0.338142	0.707794	-1.41284	2.56903	4.98457	1.72467	1
cg19983274	LPHN1;LPHN1	0.0992977	0.577638	0.788661	-1.26797	0.0460497	0.381022	-2.62452	0.447845	1.38609	1.38609	0.00892458	0.245595	-4.07174	?	?	?	0.112951	0.482799	-2.07126	0.409856	0.700663	-1.42722	0.202885	0.567023	-1.7636	0.275209	0.619328	-1.61465	2.59734	6.51358	2.50779	1
cg10107050	ZIC1	0.0992979	0.31855	2.12189	2.12189	0.0149641	8.87513	8.87513	0.881428	1.11508	1.11508	0.646966	1.40005	1.40005	0.0727778	4.30891	4.30891	0.167179	0.341437	-2.9288	0.153841	0.328175	-3.04716	0.175117	2.86436	2.86436	0.844624	0.866589	-1.15395	2.56903	21.6681	7.49722	1
cg09947261	COL20A1	0.0993011	0.9563	1.01777	1.01777	0.0495963	0.486653	-2.05485	0.510089	0.806689	-1.23963	0.13563	1.67712	1.67712	0.0312118	0.443618	-2.25419	0.152932	1.63578	1.63578	0.218821	1.51559	1.51559	0.326221	1.38526	1.38526	0.798154	1.08588	1.08588	2.56899	4.20565	1.45518	1
cg18753296	BAT4	0.0993037	0.018734	0.603031	-1.65829	0.324088	1.19819	1.19819	0.83025	1.03885	1.03885	0.713954	1.06755	1.06755	0.54234	0.89628	-1.11572	0.460682	1.14265	1.14265	0.3153	0.831644	-1.20244	0.0271757	0.628628	-1.59077	0.0767398	0.705038	-1.41836	2.56896	1.28257	0.443785	1
cg04250837	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.0993046	0.489001	0.765634	-1.30611	0.978117	0.989633	-1.01048	0.31868	0.675999	-1.47929	0.232739	1.60871	1.60871	0.713834	1.1502	1.1502	0.520951	1.28043	1.28043	0.118132	0.524851	-1.9053	0.0211952	2.86537	2.86537	0.0442567	0.415627	-2.40601	2.56895	5.87318	2.03219	1
cg09869144	MLYCD	0.0993052	0.322494	0.886645	-1.12785	0.0297544	1.35138	1.35138	0.434382	1.09845	1.09845	0.367691	1.11509	1.11509	0.834284	0.975639	-1.02497	0.357068	1.11796	1.11796	0.0200424	1.39143	1.39143	0.399174	0.903381	-1.10695	0.178898	0.845265	-1.18306	2.56895	0.56387	0.195106	1
cg03846926	C10orf140	0.0993058	0.0249204	0.133577	-7.48633	0.200606	0.360721	-2.77223	0.920522	1.07818	1.07818	0.315593	0.457183	-2.18731	0.0239064	0.130975	-7.63503	0.473484	0.577003	-1.73309	0.0122193	0.0949073	-10.5366	0.261804	0.4137	-2.41721	0.609792	0.67824	-1.4744	2.56894	23.1479	8.0095	1
cg11080032	ATF6	0.099307	0.0428406	0.604499	-1.65426	0.605618	0.893621	-1.11904	0.221485	1.31983	1.31983	0.2764	0.783115	-1.27695	0.0283521	0.571857	-1.74869	0.61608	1.11535	1.11535	0.404095	1.20244	1.20244	0.335816	0.807098	-1.23901	0.0480627	0.613894	-1.62895	2.56893	1.89716	0.656446	1
cg07567973	SRFBP1;SRFBP1	0.0993104	0.769542	0.893535	-1.11915	0.534551	0.785831	-1.27254	0.0347907	2.5671	2.5671	0.0124712	0.303849	-3.29111	0.626071	0.828481	-1.20703	0.159452	0.562087	-1.77908	0.854748	0.932191	-1.07274	0.363519	1.43022	1.43022	0.626786	1.20655	1.20655	2.56889	5.97359	2.06699	1
cg03975156	OR10A3	0.0993104	0.103649	0.295767	-3.38104	0.637292	1.38414	1.38414	0.133249	0.330005	-3.03025	0.249877	0.43907	-2.27754	0.152874	0.350677	-2.85163	0.259992	0.44742	-2.23503	0.0056986	0.083595	-11.9624	0.184576	0.381644	-2.62024	0.0771412	0.260492	-3.83889	2.56889	19.062	6.59584	1
cg04726200	SLC22A18;SLC22A18	0.0993148	0.0289889	7.52005	7.52005	0.0374835	6.63291	6.63291	0.127687	3.636	3.636	0.44267	1.84688	1.84688	0.831822	1.18138	1.18138	0.562857	1.58169	1.58169	0.0142933	10.6744	10.6744	0.193791	2.93764	2.93764	0.0630576	5.14886	5.14886	2.56884	24.9921	8.64797	1
cg04173852	ARSG	0.0993163	0.133194	2.09561	2.09561	0.785614	0.882918	-1.13261	0.696233	0.835949	-1.19625	0.00708499	0.204104	-4.89946	0.179201	1.91871	1.91871	0.464354	1.40511	1.40511	0.235425	1.76458	1.76458	0.653946	0.813766	-1.22885	0.586681	1.28493	1.28493	2.56882	8.48608	2.93644	1
cg05178502	HSPA7	0.0993166	0.170599	1.82274	1.82274	0.0871922	2.17487	2.17487	0.0491245	2.51942	2.51942	0.147406	1.89563	1.89563	0.471616	1.35154	1.35154	0.293912	0.638975	-1.56501	0.0439924	2.59145	2.59145	0.0820693	2.20909	2.20909	0.0409878	2.63872	2.63872	2.56882	6.886	2.38276	1
cg23329061	TRIM71	0.0993196	0.030721	0.186758	-5.35453	0.383006	0.553524	-1.80661	0.847029	0.880129	-1.1362	0.361255	0.537686	-1.85982	0.00505353	0.0862017	-11.6007	0.618071	0.717257	-1.3942	0.0918651	0.293192	-3.41073	0.247678	0.449754	-2.22344	0.142766	0.352943	-2.83332	2.56879	17.783	6.15352	1
cg04771838	COL4A2	0.0993208	0.926032	0.953033	-1.04928	0.672844	1.2461	1.2461	0.0086672	0.176683	-5.65986	0.0479451	0.309936	-3.22647	0.117221	0.414142	-2.41463	0.748587	1.18127	1.18127	0.227988	0.550044	-1.81804	0.307345	1.72883	1.72883	0.357599	0.612551	-1.63252	2.56877	10.9188	3.77831	1
cg24322131	KRTAP10-2;C21orf29	0.0993215	0.112819	1.93444	1.93444	0.0936157	2.02365	2.02365	0.798176	0.906688	-1.10292	0.505846	1.29443	1.29443	0.582423	0.808729	-1.23651	0.0132025	3.23628	3.23628	0.85459	1.07265	1.07265	0.745741	1.13245	1.13245	0.0184189	2.98364	2.98364	2.56876	5.94563	2.05741	1
cg06147822	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.0993215	0.899497	1.02505	1.02505	0.0601024	0.660214	-1.51466	0.0652812	0.666893	-1.49949	0.169357	1.33192	1.33192	0.75111	0.939604	-1.06428	0.934538	1.01621	1.01621	0.00987122	0.528162	-1.89336	0.91068	0.97827	-1.02221	0.475631	0.867608	-1.15259	2.56876	1.55932	0.539582	1
cg04147642	TNXB	0.0993216	0.385947	0.79253	-1.26178	0.512865	1.18961	1.18961	0.0387293	0.534602	-1.87055	0.637548	0.883247	-1.13219	0.914351	0.972247	-1.02855	0.428522	0.809406	-1.23547	0.00533998	0.382861	-2.61191	0.166169	0.679582	-1.47149	0.14687	0.665436	-1.50277	2.56876	2.78449	0.96354	1
cg13197450	STEAP2;STEAP2;STEAP2	0.0993225	0.180365	0.660576	-1.51383	0.725208	0.902248	-1.10834	0.659768	1.13784	1.13784	0.872079	1.04809	1.04809	0.0158084	0.4224	-2.36742	0.345063	0.753173	-1.32772	0.772251	0.91889	-1.08827	0.0206144	2.254	2.254	0.98453	1.00567	1.00567	2.56875	3.45638	1.19604	1
cg07312514	RASL10A;RASL10A	0.0993271	?	?	?	0.5249	0.647033	-1.54552	0.479413	0.615194	-1.6255	0.949905	1.04337	1.04337	0.82511	0.861102	-1.1613	0.364644	1.87656	1.87656	0.00697734	0.0946093	-10.5698	0.220992	2.38537	2.38537	0.183464	2.59505	2.59505	2.59701	16.6924	6.42756	1
cg17401837	MAGEB1;MAGEB1;MAGEB4	0.0993287	0.123022	0.230519	-4.33803	0.0699858	0.168749	-5.92597	0.0566955	0.150406	-6.64867	0.278508	0.371715	-2.69023	0.0110113	0.0607411	-16.4633	0.430403	0.493192	-2.02761	0.144679	0.25261	-3.95867	0.0545183	0.147227	-6.79223	0.0618369	0.157705	-6.34095	2.56868	31.3797	10.8589	1
cg04248271	EBF1	0.0993293	0.0522432	32.2603	32.2603	0.295727	5.50724	5.50724	0.691356	0.533722	-1.87363	0.80998	0.684528	-1.46086	0.0288918	57.6058	57.6058	0.435841	0.286256	-3.49338	0.627111	0.462883	-2.16037	0.106432	16.0203	16.0203	0.03076	54.1666	54.1666	2.56868	100.716	34.8526	1
cg24550149	TTC22	0.099332	0.0329546	22.0786	22.0786	0.0377808	19.8669	19.8669	0.171583	6.08499	6.08499	0.107023	8.87256	8.87256	0.0369292	20.2195	20.2195	0.212419	5.10145	5.10145	0.486381	2.40492	2.40492	0.0642715	13.1906	13.1906	0.0333344	21.8839	21.8839	2.56865	62.6249	21.6715	1
cg05928257	NFASC;NFASC;NFASC;NFASC	0.0993342	0.214784	0.750432	-1.33257	0.265072	0.774639	-1.29092	0.454089	0.845647	-1.18253	0.544869	1.14422	1.14422	0.800492	1.05725	1.05725	0.0415602	1.67637	1.67637	0.010647	2.0259	2.0259	0.531464	1.14954	1.14954	0.924051	0.979254	-1.02119	2.56862	1.96636	0.680471	1
cg05592769	KCNJ4;KCNJ4	0.0993348	0.0722974	0.527132	-1.89706	0.176452	1.58211	1.58211	0.234389	0.671708	-1.48874	0.0846139	0.543943	-1.83843	0.0260827	0.430468	-2.32305	0.0926404	0.553912	-1.80534	0.160273	0.619466	-1.61429	0.345525	0.733342	-1.36362	0.0938476	0.555354	-1.80065	2.56862	4.14592	1.43473	1
cg11769456	SNED1	0.0993349	0.675909	1.11791	1.11791	0.938153	1.02078	1.02078	0.18248	0.687237	-1.4551	0.125259	0.644111	-1.55253	0.0267848	0.498809	-2.00477	0.0240283	0.489885	-2.0413	0.381798	1.26844	1.26844	0.699123	1.10845	1.10845	0.289678	1.33822	1.33822	2.56862	2.85898	0.989371	1
cg06007678	RCOR2	0.0993359	0.0591823	0.49427	-2.02319	0.802378	1.08649	1.08649	0.549113	1.22203	1.22203	0.480759	1.26754	1.26754	0.0527993	0.482813	-2.0712	0.0363411	0.447139	-2.23644	0.0500737	0.477585	-2.09387	0.524596	0.807926	-1.23774	0.0965664	0.546912	-1.82845	2.5686	4.45113	1.54035	1
cg23235135	COL3A1	0.0993362	0.515035	1.2941	1.2941	0.297524	1.52467	1.52467	0.946171	1.02672	1.02672	0.898293	0.951285	-1.05121	0.00599491	0.245944	-4.06597	0.0820569	0.47122	-2.12215	0.496235	1.30972	1.30972	0.23585	0.6156	-1.62443	0.366094	0.69583	-1.43713	2.5686	6.2049	2.14726	1
cg07217151	ALG14	0.0993375	0.496599	0.714771	-1.39905	0.0325839	3.61062	3.61062	?	?	?	0.786384	0.876745	-1.14058	?	?	?	0.0527232	0.327073	-3.05742	?	?	?	0.37414	1.56134	1.56134	0.301756	1.68926	1.68926	3.06511	7.21476	2.35383	1
cg26055747	HEATR2	0.0993409	0.282439	0.496961	-2.01223	0.101382	0.325327	-3.07383	0.266988	2.06266	2.06266	0.70248	1.27159	1.27159	0.105403	0.330374	-3.02687	0.114889	0.341876	-2.92504	0.0254168	0.189551	-5.27562	0.0316309	0.206494	-4.84276	0.438134	0.609497	-1.6407	2.56855	15.9439	5.51765	1
cg27650554	TUBB	0.0993413	0.620196	0.922535	-1.08397	0.353172	1.16671	1.16671	0.156699	1.27698	1.27698	0.540512	0.904833	-1.10518	0.664098	1.07307	1.07307	0.852304	0.970366	-1.03054	0.0114068	0.599849	-1.66709	0.57607	0.912859	-1.09546	0.0475929	1.4415	1.4415	2.56854	1.05972	0.366734	1
cg16474948	AXIN1;AXIN1	0.0993417	0.0480086	0.720167	-1.38857	0.0343248	0.698684	-1.43126	0.0200764	0.665396	-1.50286	0.557681	0.917489	-1.08993	0.452194	0.89473	-1.11766	0.278752	1.1777	1.1777	0.407034	1.13109	1.13109	0.814973	0.966527	-1.03463	0.26955	0.846211	-1.18174	2.56854	0.858055	0.296945	1
cg26001655	KIAA1530	0.0993433	0.370713	1.20153	1.20153	0.511767	0.87554	-1.14215	0.269695	0.794867	-1.25807	0.56461	1.12334	1.12334	0.8169	0.954732	-1.04741	0.419952	1.17891	1.17891	0.00584339	2.05612	2.05612	0.366294	0.830779	-1.20369	0.172739	0.748389	-1.3362	2.56852	1.62296	0.56166	1
cg16545954	C1orf86	0.0993456	0.32712	0.603631	-1.65664	0.0306764	0.28171	-3.54975	0.57967	0.756415	-1.32203	0.178885	2.03921	2.03921	0.0230419	0.257609	-3.88185	0.419163	0.662391	-1.50968	0.0395548	0.30486	-3.28019	0.80521	1.13122	1.13122	0.766306	0.861805	-1.16036	2.5685	10.1288	3.50533	1
cg17400229	U2AF1;U2AF1;U2AF1	0.0993465	0.291068	1.13852	1.13852	0.636268	0.945152	-1.05803	0.625801	1.05992	1.05992	0.989042	0.998375	-1.00163	0.0311258	1.34926	1.34926	0.287201	1.1398	1.1398	0.012122	0.690532	-1.44816	0.378587	1.1129	1.1129	0.977655	0.996689	-1.00332	2.56849	0.570375	0.197393	1
cg20021790	RPH3AL	0.0993481	0.0217703	0.287276	-3.48098	0.453711	1.41297	1.41297	0.0962485	2.28706	2.28706	0.292779	0.609968	-1.63943	0.102626	0.445334	-2.24551	0.917304	0.954048	-1.04817	0.243808	1.73731	1.73731	0.328607	0.633368	-1.57886	0.269299	1.68383	1.68383	2.56847	8.34531	2.88812	1
cg03553604	SOCS6	0.0993488	0.0596732	0.652553	-1.53244	0.157305	0.738037	-1.35495	0.168538	1.34273	1.34273	0.737918	1.06978	1.06978	0.259847	0.789717	-1.26628	0.90994	1.02299	1.02299	0.00958408	0.517472	-1.93247	0.792198	1.05447	1.05447	0.822567	1.04615	1.04615	2.56846	1.64113	0.567959	1
cg01971407	IFITM1	0.0993491	0.197861	0.758213	-1.31889	0.0976821	1.44708	1.44708	0.791903	1.05525	1.05525	0.160284	0.737072	-1.35672	0.836136	1.04302	1.04302	0.291449	1.24935	1.24935	0.0207116	1.76198	1.76198	0.701875	0.924763	-1.08136	0.111673	0.703049	-1.42238	2.56846	1.68241	0.582248	1
cg03390245	NTRK1;INSRR	0.0993499	0.0860874	2.78564	2.78564	0.343894	1.69328	1.69328	0.671734	1.25891	1.25891	0.413604	1.57064	1.57064	0.195021	2.0968	2.0968	0.0788069	2.87014	2.87014	0.00709122	6.54842	6.54842	0.0306138	3.9437	3.9437	0.146553	2.32044	2.32044	2.56845	11.8695	4.10778	1
cg22643217	KRTAP11-1	0.0993561	0.0135159	0.0990131	-10.0997	0.30251	2.19238	2.19238	0.202642	2.69516	2.69516	0.0776537	0.232839	-4.29482	0.229613	0.395226	-2.5302	0.148364	0.318018	-3.14447	0.949423	0.954688	-1.04746	0.91658	0.926269	-1.0796	0.150849	0.32061	-3.11905	2.73278	22.6398	6.44351	1
cg26175661	PLS3;PLS3	0.0993568	0.89223	1.07662	1.07662	0.118688	0.39756	-2.51535	0.172311	0.453327	-2.20591	0.393167	0.621032	-1.61022	0.233522	0.506496	-1.97435	0.166768	2.23185	2.23185	0.811452	0.877962	-1.139	0.0192554	4.67381	4.67381	0.184564	2.1521	2.1521	2.56837	12.0648	4.1755	1
cg05489902	DNAJC10	0.0993586	0.0714655	0.766298	-1.30498	0.00626966	1.6015	1.6015	0.320647	1.14533	1.14533	0.937061	0.989611	-1.0105	0.635078	0.938736	-1.06526	0.495839	0.912612	-1.09576	0.457579	0.904808	-1.10521	0.973074	0.995547	-1.00447	0.499429	0.913328	-1.0949	2.56835	0.711293	0.246174	1
cg08698523	SNORD7	0.0993612	0.0404318	0.70642	-1.41559	0.45415	1.11846	1.11846	0.349703	1.15182	1.15182	0.178089	0.810497	-1.23381	0.0129121	0.635602	-1.57331	0.576224	1.08644	1.08644	0.166036	0.805031	-1.24219	0.366022	0.872524	-1.1461	0.312416	0.857761	-1.16583	2.56832	0.87696	0.303513	1
cg08008403	LHX9	0.0993653	0.881426	0.925295	-1.08074	0.387706	1.58494	1.58494	0.300543	1.74723	1.74723	0.424322	0.654134	-1.52874	0.473078	1.4617	1.4617	0.244765	1.88314	1.88314	0.793844	0.872641	-1.14595	0.00253516	8.84335	8.84335	0.524016	1.39919	1.39919	2.56828	11.0065	3.80938	1
cg19033045	PMS2L2;STAG3L3;STAG3L3	0.0993659	0.0745042	0.460212	-2.17291	0.891094	0.947899	-1.05496	0.30195	0.658565	-1.51845	0.199045	0.588585	-1.69899	0.241003	0.619151	-1.61511	0.00600495	0.246023	-4.06465	0.180413	0.573754	-1.74291	0.284146	0.647536	-1.54432	0.265794	1.57288	1.57288	2.56827	6.20514	2.14762	1
cg18502933	MGMT	0.0993677	0.143809	0.411249	-2.43162	0.00640815	0.134446	-7.43796	0.128361	0.394582	-2.53433	0.468975	0.659129	-1.51715	0.233561	0.493316	-2.0271	0.183061	0.44965	-2.22395	0.0331913	0.244482	-4.09029	0.0932559	0.351834	-2.84225	0.870476	0.911809	-1.09672	2.56825	13.0199	4.50627	1
cg06023039	SNAPC5	0.0993683	0.273451	0.826839	-1.20943	0.156793	0.776725	-1.28746	0.226858	0.809219	-1.23576	0.0515943	1.44722	1.44722	0.99382	0.998709	-1.00129	0.0317267	0.656995	-1.52208	0.333187	0.846588	-1.18121	0.340561	0.848858	-1.17805	0.152546	1.2913	1.2913	2.56824	1.1322	0.391864	1
cg08529529	ALOX5AP	0.0993686	0.50552	0.797471	-1.25396	0.0119973	0.350022	-2.85696	0.0394979	0.450345	-2.22052	0.242118	0.663589	-1.50696	0.263762	0.676903	-1.47732	0.435533	0.766064	-1.30537	0.196157	0.632644	-1.58067	0.017238	0.378347	-2.64308	0.116698	0.564984	-1.76996	2.56824	4.56408	1.57966	1
cg13133961	ETV7	0.099369	0.127082	37.1513	37.1513	0.180314	22.3762	22.3762	0.164053	25.6931	25.6931	0.104301	49.2528	49.2528	0.0906758	60.0815	60.0815	0.0675255	91.1839	91.1839	0.0130305	994.77	994.77	0.0287088	308.893	308.893	0.0558946	119.158	119.158	2.73262	198.466	56.4888	1
cg13788387	FAM178B	0.0993697	0.897452	0.970435	-1.03047	0.333905	1.26108	1.26108	0.292086	0.775367	-1.28971	0.939025	0.982351	-1.01797	0.235063	0.748515	-1.33598	0.190504	1.38079	1.38079	0.00534955	2.34869	2.34869	0.382929	0.812004	-1.23152	0.829063	1.05161	1.05161	2.56823	2.20342	0.762624	1
cg15421430	PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.0993704	0.180214	0.746037	-1.34042	0.0761396	1.50121	1.50121	0.465537	1.1652	1.1652	0.240278	1.28804	1.28804	0.632512	0.905576	-1.10427	0.284248	1.25736	1.25736	0.924182	1.01979	1.01979	0.472366	1.1624	1.1624	0.00623669	2.08322	2.08322	2.56822	1.72394	0.596675	1
cg00417197	DOCK4	0.0993709	0.231171	1.28701	1.28701	0.0602096	1.53086	1.53086	0.128756	1.3907	1.3907	0.391306	0.838239	-1.19298	0.482755	1.15409	1.15409	0.989529	1.00264	1.00264	0.0956221	1.44449	1.44449	0.624511	1.10418	1.10418	0.0255112	0.586714	-1.70441	2.56821	1.64162	0.568182	1
cg16756442	ARF3	0.0993723	0.878563	1.03155	1.03155	0.325666	1.22898	1.22898	0.243441	1.28141	1.28141	0.124557	1.40192	1.40192	0.356811	0.824861	-1.21233	0.1658	1.35022	1.35022	0.616017	1.10819	1.10819	0.00351159	2.23515	2.23515	0.474681	1.15917	1.15917	2.5682	1.67882	0.581064	1
cg18642835	PRRT4	0.0993727	0.157462	0.725753	-1.37788	0.819539	0.9527	-1.04965	0.0175166	0.541667	-1.84615	0.922422	0.979557	-1.02087	0.0577731	0.634506	-1.57603	0.847027	1.0418	1.0418	0.0513052	1.60087	1.60087	0.714546	1.08101	1.08101	0.904778	1.0257	1.0257	2.56819	1.82889	0.633004	1
ch.17.72133F	PRPF8	0.099373	0.122354	0.459264	-2.1774	0.035753	3.11299	3.11299	0.109947	2.24735	2.24735	0.0403205	0.332592	-3.00669	0.724891	0.84856	-1.17847	0.37555	0.655303	-1.52601	0.496631	0.725587	-1.37819	0.794311	0.885654	-1.12911	0.41019	1.47907	1.47907	2.56819	8.78525	3.04071	1
cg05913198	MLLT10;MLLT10	0.0993743	0.294041	1.14414	1.14414	0.142462	0.822789	-1.21538	0.527706	1.08238	1.08238	0.477706	0.914563	-1.09342	0.342368	0.886007	-1.12866	0.816181	0.971602	-1.02923	0.129674	1.22451	1.22451	0.016031	1.44007	1.44007	0.0785482	1.27346	1.27346	2.56818	0.622567	0.215481	1
cg24136563	AZI1;AZI1	0.0993802	0.0463134	0.659539	-1.51621	0.502546	0.883311	-1.1321	0.319531	0.828972	-1.20631	0.20647	0.784297	-1.27503	0.578383	0.902699	-1.10779	0.329922	0.832496	-1.20121	0.0197506	1.67086	1.67086	0.0896571	0.710936	-1.4066	0.788202	1.05032	1.05032	2.56811	1.3523	0.468067	1
cg26116447	FLJ22536	0.0993812	0.696109	0.869791	-1.1497	0.00742284	3.40626	3.40626	0.573799	0.817106	-1.22383	0.860586	0.939434	-1.06447	0.409533	0.740992	-1.34954	0.955221	1.02016	1.02016	0.0461307	0.443913	-2.2527	0.507416	1.27	1.27	0.386366	1.37107	1.37107	2.5681	5.13753	1.77824	1
cg00060762	LEO1	0.0993822	0.964619	1.00764	1.00764	0.0884608	1.38045	1.38045	0.117075	0.746742	-1.33915	0.149084	1.30396	1.30396	0.776372	0.952322	-1.05006	0.143529	0.763665	-1.30947	0.0187465	0.613485	-1.63003	0.924401	1.01641	1.01641	0.571317	1.10311	1.10311	2.56809	1.19684	0.41426	1
cg20704677	RERGL	0.0993839	0.745676	0.837245	-1.19439	0.826228	0.886909	-1.12751	0.0921677	0.36356	-2.75058	0.63132	0.768048	-1.302	0.0171326	0.204769	-4.88356	0.0478734	0.290925	-3.43731	0.0159723	0.199838	-5.00406	0.692889	0.805202	-1.24192	0.123707	0.402503	-2.48445	2.56807	12.1175	4.19424	1
cg20670923	VAPA;VAPA	0.0993847	0.104632	0.503883	-1.98459	0.410618	0.722428	-1.38422	0.0346407	0.386044	-2.59038	0.807225	0.909857	-1.09907	0.123897	0.525241	-1.90389	0.768156	0.892052	-1.12101	0.017798	0.328449	-3.04462	0.0321355	0.379129	-2.63762	0.0700542	0.457191	-2.18727	2.56806	6.07329	2.10216	1
cg07549278	CACNA1H;CACNA1H	0.0993894	0.129282	0.76471	-1.30769	0.0651049	0.712516	-1.40348	0.0353953	0.669697	-1.49321	0.0225515	0.639498	-1.56373	0.028859	0.655888	-1.52465	0.705337	1.06415	1.06415	0.504606	0.895103	-1.11719	0.988335	0.99761	-1.0024	0.409451	0.87104	-1.14805	2.56801	1.08943	0.377095	1
cg08226295	SFI1;SFI1;SFI1;SFI1	0.0993897	0.148827	1.36621	1.36621	0.00971938	1.93318	1.93318	0.120391	1.40426	1.40426	0.258003	0.788303	-1.26855	0.742983	0.935838	-1.06856	0.288511	0.800866	-1.24865	0.971621	0.992856	-1.0072	0.281323	1.25315	1.25315	0.442286	0.853945	-1.17104	2.56801	1.65189	0.571783	1
cg16492395	LOC441601	0.0993944	0.0672882	0.684931	-1.46	0.090669	0.708912	-1.41061	0.0689404	0.686844	-1.45594	0.466648	0.872219	-1.1465	0.00914274	0.542781	-1.84236	0.147492	0.750633	-1.33221	0.629882	1.09375	1.09375	0.37361	0.844877	-1.1836	0.0975628	0.714971	-1.39866	2.56795	1.38534	0.479532	1
cg01097011	LOC284749	0.0993945	0.0809166	2.69027	2.69027	0.0946262	0.390855	-2.5585	0.712189	0.827391	-1.20862	0.541735	0.729166	-1.37143	0.0181513	0.230633	-4.33589	0.0391743	0.295118	-3.38847	0.806797	0.88224	-1.13348	0.95152	1.03158	1.03158	0.377792	0.629556	-1.58842	2.56795	10.6343	3.68102	1
cg06893225	SFRS13A;SFRS13A	0.0993952	0.525255	0.863377	-1.15824	0.695134	0.914042	-1.09404	0.810958	1.05621	1.05621	0.575707	0.878944	-1.13773	0.950885	0.986041	-1.01416	0.0850646	1.54421	1.54421	0.00448516	0.421187	-2.37424	0.473569	1.18097	1.18097	0.584676	1.13423	1.13423	2.56794	2.11797	0.733132	1
cg25240363	SSH2	0.0993982	0.167762	0.511578	-1.95474	0.023942	0.292835	-3.41489	0.335702	0.636001	-1.57232	0.143153	2.04893	2.04893	0.317721	0.624488	-1.60131	0.5821	1.28837	1.28837	0.709771	1.18581	1.18581	0.0455544	2.84418	2.84418	0.909631	0.949555	-1.05312	2.56791	8.45224	2.92577	1
cg08495813	FAM19A4;FAM19A4	0.0994001	0.0931105	2.37752	2.37752	0.0656667	2.6338	2.6338	0.916777	0.952178	-1.05022	0.0537077	0.358073	-2.79272	0.372463	1.53614	1.53614	0.0851526	2.44088	2.44088	0.540056	0.74765	-1.33752	0.0777449	2.50694	2.50694	0.367467	1.54345	1.54345	2.56789	8.93885	3.09423	1
cg02183561	PTPRN	0.0994015	0.993061	1.00176	1.00176	0.109167	0.702576	-1.42333	0.925635	0.981311	-1.01904	0.0889712	1.46093	1.46093	0.677749	1.08811	1.08811	0.820076	1.04711	1.04711	0.0432876	0.625162	-1.59959	0.55309	0.885812	-1.12891	0.0171514	0.556002	-1.79856	2.56787	1.66075	0.57488	1
cg02581418	TIMELESS	0.0994035	0.548482	0.838911	-1.19202	0.59078	1.17004	1.17004	0.0238921	0.458521	-2.18093	0.0239886	2.17933	2.17933	0.107592	1.66201	1.66201	0.337515	1.33115	1.33115	0.894421	0.962316	-1.03916	0.691368	0.890974	-1.12237	0.449159	1.24997	1.24997	2.56785	3.40369	1.17822	1
cg13173111	ARSG	0.0994043	0.0395564	0.195812	-5.10694	0.168777	0.366281	-2.73014	0.365507	0.528952	-1.89053	0.0719793	0.252655	-3.95796	0.0990903	0.289824	-3.45037	0.363809	0.527693	-1.89504	0.00672217	0.0900512	-11.1048	0.097572	0.287897	-3.47346	0.334175	0.505476	-1.97833	2.56784	19.0806	6.60499	1
cg09683324	DDX23	0.099405	0.981252	0.993354	-1.00669	0.512458	0.828179	-1.20747	0.163314	1.52537	1.52537	0.0908657	1.69656	1.69656	0.0230112	0.462268	-2.16325	0.77705	1.0839	1.0839	0.0720184	0.565587	-1.76808	0.1832	0.669796	-1.49299	0.367706	0.76906	-1.30029	2.56783	3.27534	1.1338	1
cg13661182	BCAS1;BCAS1	0.0994075	0.781845	0.925211	-1.08084	0.610785	0.866119	-1.15458	0.232726	0.704393	-1.41966	0.226118	0.700528	-1.4275	0.00634229	0.369684	-2.70501	0.353545	0.765445	-1.30643	0.0121222	0.416577	-2.40052	0.715149	0.902454	-1.10809	0.339674	0.75914	-1.31728	2.56781	3.18901	1.10393	1
cg02172533	HLA-DOA	0.0994096	0.9239	1.02474	1.02474	0.246277	1.36359	1.36359	0.11149	0.641872	-1.55794	0.640098	1.12799	1.12799	0.0432041	0.551647	-1.81275	0.0355616	0.534835	-1.86974	0.582999	0.867787	-1.15236	0.0277885	0.514197	-1.94478	0.545338	0.855095	-1.16946	2.56778	2.66028	0.920909	1
cg23957144	CPSF1	0.0994096	0.7282	1.0877	1.0877	0.00894429	2.22828	2.22828	0.230782	1.35378	1.35378	0.675924	1.10661	1.10661	0.0421241	0.56882	-1.75802	0.833659	1.05198	1.05198	0.383006	0.806094	-1.24055	0.614942	0.88496	-1.13	0.564834	1.15053	1.15053	2.56778	2.36111	0.817345	1
cg11052321	MAN2A1	0.0994107	0.254797	0.69575	-1.4373	0.0175991	0.414267	-2.4139	0.05855	0.521	-1.91939	0.193447	1.52173	1.52173	0.652447	0.870822	-1.14834	0.0446356	0.49489	-2.02065	0.77178	0.915091	-1.09279	0.427315	1.28053	1.28053	0.621822	0.859248	-1.16381	2.56777	3.78562	1.31047	1
cg12501888	SCAND2;SCAND2	0.0994114	0.579269	1.10255	1.10255	0.0488359	1.48013	1.48013	0.303502	1.20414	1.20414	0.930889	1.01523	1.01523	0.352253	0.846323	-1.18158	0.421901	1.15373	1.15373	0.0110408	0.573714	-1.74303	0.277908	1.21734	1.21734	0.592069	1.09887	1.09887	2.56776	1.23556	0.427715	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24507502	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0994123	0.956025	0.988927	-1.0112	0.291752	1.24719	1.24719	0.227313	1.29166	1.29166	0.341527	0.820447	-1.21885	0.0262484	0.587225	-1.70293	0.764429	1.06257	1.06257	0.0866187	1.46549	1.46549	0.713762	1.07723	1.07723	0.0486974	0.634682	-1.57559	2.56775	1.65821	0.574027	1
cg14155327	MAPK10;MAPK10;MAPK10	0.0994129	0.0347611	0.33447	-2.98981	0.680092	1.20264	1.20264	0.952694	0.973943	-1.02675	0.593931	0.787032	-1.2706	0.0235352	0.300076	-3.33249	0.239514	0.578024	-1.73003	0.0153915	0.266225	-3.75623	0.360388	0.658057	-1.51963	0.134739	0.487907	-2.04957	2.56775	8.05435	2.78821	1
cg11875548	NUDT8	0.0994138	0.554642	1.11439	1.11439	0.0319329	1.57707	1.57707	0.049717	0.666518	-1.50034	0.973598	1.00602	1.00602	0.404057	1.16734	1.16734	0.510228	0.885993	-1.12868	0.160604	1.31209	1.31209	0.0690403	0.691635	-1.44585	0.550978	1.11553	1.11553	2.56774	1.33562	0.462358	1
cg00439790	LRP1	0.0994145	0.384125	0.791863	-1.26284	0.266686	1.35341	1.35341	0.00811758	2.42613	2.42613	0.488185	1.20221	1.20221	0.095563	0.619521	-1.61415	0.400655	0.798538	-1.25229	0.488648	0.831966	-1.20197	0.338169	1.2946	1.2946	0.683607	1.1131	1.1131	2.56773	2.78108	0.962745	1
cg19462022	RASA3	0.0994169	0.0990682	4.08214	4.08214	0.435119	1.85788	1.85788	0.780614	0.804773	-1.24259	0.182281	3.00766	3.00766	0.0654056	0.200128	-4.99679	0.895146	1.10802	1.10802	0.0296232	7.32968	7.32968	0.0836475	4.43418	4.43418	0.144533	3.38441	3.38441	2.5677	24.608	8.51881	1
cg17010941	ZNF706;ZNF706;ZNF706	0.0994191	0.0529677	0.380237	-2.62994	0.315383	1.57844	1.57844	0.435035	1.41932	1.41932	0.976441	1.01307	1.01307	0.750612	1.1505	1.1505	0.0191356	0.287478	-3.47853	0.355233	0.658273	-1.51913	0.0693957	2.44268	2.44268	0.880054	0.935764	-1.06865	2.56768	7.86136	2.72147	1
cg22021644	MPZL1;MPZL1;MPZL1	0.0994229	0.82451	0.928261	-1.07728	0.976991	1.00971	1.00971	0.24491	0.665174	-1.50337	0.173185	1.62548	1.62548	0.114343	0.56233	-1.77832	0.00925397	3.02554	3.02554	0.481348	0.786707	-1.27112	0.247459	0.666767	-1.49977	0.785619	1.09569	1.09569	2.56764	4.56878	1.58166	1
cg22295573	C18orf16;AQP4	0.0994235	0.773704	0.897256	-1.11451	0.236397	0.627159	-1.59449	0.521341	1.2769	1.2769	0.417769	1.36532	1.36532	0.00764318	0.275406	-3.631	0.438521	1.34601	1.34601	0.2752	1.5325	1.5325	0.105322	1.94537	1.94537	0.941286	0.97268	-1.02809	2.56763	5.7507	1.99084	1
cg02732804	GSG1L	0.0994255	0.0866279	1.74846	1.74846	0.660459	0.877657	-1.1394	0.0584037	0.53188	-1.88013	0.954414	0.983265	-1.01702	0.966433	1.0125	1.0125	0.200724	1.49028	1.49028	0.0935951	0.580195	-1.72356	0.437184	0.791377	-1.26362	0.0443737	1.97725	1.97725	2.56761	3.54405	1.22693	1
cg02613937	TOMM40;TOMM40;TOMM40	0.0994261	0.415663	0.592378	-1.68811	0.0435315	0.232048	-4.30945	0.116251	0.341543	-2.92789	0.399009	0.580758	-1.72189	0.0506636	0.246222	-4.06137	0.151814	0.380469	-2.62833	0.0136871	0.14677	-6.81337	0.0305171	0.201912	-4.95265	0.573063	0.698803	-1.43102	2.5676	16.1075	5.57631	1
cg04444195	RASA2	0.0994266	0.361443	0.801243	-1.24806	0.0110152	2.12402	2.12402	0.251923	1.32672	1.32672	0.40752	0.818628	-1.22156	0.779483	1.06855	1.06855	0.513564	0.855137	-1.1694	0.303245	0.777337	-1.28644	0.417832	1.216	1.216	0.0502482	1.6942	1.6942	2.56759	2.26886	0.785468	1
cg25450266	GRAMD1A;GRAMD1A	0.0994266	0.511533	0.750296	-1.33281	0.0544251	2.56425	2.56425	0.346876	1.51884	1.51884	0.487675	0.737687	-1.35559	0.0624784	0.404679	-2.47109	0.598678	0.795204	-1.25754	0.62225	0.807133	-1.23895	0.0280348	3.06408	3.06408	0.284179	0.618749	-1.61616	2.56759	7.57083	2.62099	1
cg03591496	TAPBP;TAPBP;TAPBP	0.0994277	0.177341	0.625143	-1.59963	0.402448	1.32414	1.32414	0.243376	0.67034	-1.49178	0.434176	0.769916	-1.29884	0.319802	0.714013	-1.40053	0.6372	0.855854	-1.16842	0.00501541	0.296282	-3.37517	0.0480612	0.476929	-2.09675	0.231257	0.662692	-1.509	2.56758	4.36582	1.51143	1
cg23640790	WHSC2	0.0994278	0.788315	0.953809	-1.04843	0.0195361	1.64204	1.64204	0.0305936	1.56275	1.56275	0.621563	0.916274	-1.09138	0.868143	1.02963	1.02963	0.324433	1.19581	1.19581	0.633374	1.08811	1.08811	0.0432271	1.50478	1.50478	0.0611508	1.44887	1.44887	2.56758	1.25575	0.434738	1
cg00879206	PRR14	0.0994279	0.943605	0.988959	-1.01116	0.439276	1.13178	1.13178	0.00855814	1.69279	1.69279	0.298012	1.18447	1.18447	0.0234798	1.52911	1.52911	0.589099	1.08934	1.08934	0.816206	0.964123	-1.03721	0.241509	0.824985	-1.21214	0.427061	1.13571	1.13571	2.56758	1.00141	0.346687	1
cg06960457	GMDS	0.0994286	0.2089	4.37756	4.37756	0.0411911	13.8109	13.8109	0.0822906	8.54641	8.54641	0.124135	6.39797	6.39797	0.613148	0.5665	-1.76522	0.666039	0.616315	-1.62255	0.331142	0.32704	-3.05773	0.0191748	23.5451	23.5451	0.368526	2.79968	2.79968	2.56757	50.5234	17.4911	1
cg13210467	STAG3;GPC2	0.0994288	0.050822	4.24457	4.24457	0.0662423	3.8138	3.8138	0.0793779	3.54415	3.54415	0.0585513	4.00885	4.00885	0.599272	0.708571	-1.41129	0.066807	3.80073	3.80073	0.528839	0.660631	-1.51371	0.0803699	3.52631	3.52631	0.158013	2.66638	2.66638	2.56757	17.1673	5.94328	1
cg03628441	HCRT;HCRT	0.0994351	0.0230935	0.61961	-1.61392	0.360144	0.847246	-1.18029	0.171014	0.773501	-1.29282	0.139855	0.755867	-1.32298	0.0190523	0.606501	-1.6488	0.558589	1.10985	1.10985	0.235073	1.24517	1.24517	0.963847	1.00802	1.00802	0.429507	0.867539	-1.15269	2.5675	1.26237	0.437041	1
cg08638876	APH1B;APH1B	0.0994385	0.32665	1.47522	1.47522	0.0684167	2.18866	2.18866	0.490365	1.30865	1.30865	0.898897	1.05001	1.05001	0.301024	1.50899	1.50899	0.283751	0.652088	-1.53354	0.0130788	0.306715	-3.26036	?	?	?	0.884525	0.945731	-1.05738	2.59574	5.38685	2.07527	1
cg14565919	DDOST	0.0994395	0.211968	0.765453	-1.30642	0.0588561	1.54307	1.54307	0.30116	0.804299	-1.24332	0.712115	0.92742	-1.07826	0.700691	0.924486	-1.08168	0.277084	0.79469	-1.25835	0.073989	1.49902	1.49902	0.0547216	1.55734	1.55734	0.137265	1.38456	1.38456	2.56745	1.68047	0.581803	1
cg08365112	HCCA2	0.0994395	0.708707	0.895983	-1.11609	0.0122618	0.401299	-2.49191	0.0144154	0.413712	-2.41714	0.390831	0.773116	-1.29347	0.727036	0.90252	-1.10801	0.845038	1.05894	1.05894	0.300934	1.36847	1.36847	0.688195	0.888638	-1.12532	0.163831	0.647368	-1.54472	2.56745	3.48292	1.20584	1
cg23801168	NAV1	0.0994416	0.051009	0.483	-2.07039	0.38779	0.748394	-1.33619	0.160001	0.611688	-1.63482	0.987561	1.00512	1.00512	0.0116701	0.356317	-2.80649	0.786167	0.914814	-1.09312	0.0208975	0.402483	-2.48458	0.33086	0.719996	-1.3889	0.112512	0.567972	-1.76065	2.56743	4.35911	1.5092	1
cg23114771	CROCC	0.0994418	0.896509	1.01767	1.01767	0.918424	0.986308	-1.01388	0.0709453	0.762239	-1.31192	0.613541	0.933766	-1.07093	0.0165283	0.674314	-1.48299	0.0277787	0.70469	-1.41906	0.16115	1.22311	1.22311	0.909418	1.01543	1.01543	0.784181	0.96373	-1.03763	2.56743	0.736354	0.254939	1
cg01724683	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.0994446	0.552273	1.17617	1.17617	0.00657079	2.59241	2.59241	0.0529374	1.81049	1.81049	0.0468826	1.84772	1.84772	0.8699	0.956728	-1.04523	0.414273	1.2526	1.2526	0.937156	1.02151	1.02151	0.12969	1.55548	1.55548	0.997523	0.999163	-1.00084	2.56739	2.96128	1.02526	1
cg18122786	UTP23	0.0994461	0.766037	1.07876	1.07876	0.201345	0.709782	-1.40888	0.208151	1.40092	1.40092	0.32786	0.773693	-1.2925	0.302979	0.76257	-1.31136	0.199298	0.70855	-1.41133	0.0513554	1.75696	1.75696	0.98532	1.00468	1.00468	0.0249792	1.96922	1.96922	2.56738	2.62424	0.908577	1
cg05507414	BAIAP2L1	0.0994466	0.401363	0.786694	-1.27114	0.348945	1.30909	1.30909	0.47908	1.2226	1.2226	0.00644877	0.371776	-2.68979	0.338481	0.759122	-1.31731	0.0633325	0.558071	-1.79189	0.747349	0.913676	-1.09448	0.852018	0.949176	-1.05355	0.117815	0.62226	-1.60705	2.56737	3.17233	1.09834	1
cg04407530	RIMS2;RIMS2	0.0994467	0.247982	1.46291	1.46291	0.503197	0.807345	-1.23863	0.206504	0.657255	-1.52148	0.857156	1.05839	1.05839	0.569434	0.83435	-1.19854	0.0105287	2.75608	2.75608	0.0632857	1.93073	1.93073	0.157074	1.61069	1.61069	0.371778	1.33489	1.33489	2.56737	4.0343	1.39678	1
cg08367223	C19orf54;SNRPA	0.0994474	0.0323625	0.180855	-5.5293	0.239926	0.431777	-2.31601	0.0274985	0.168726	-5.92676	0.188613	0.386467	-2.58754	0.0965269	0.287839	-3.47416	0.474867	0.60897	-1.64212	0.0118003	0.116924	-8.55255	0.272255	0.45842	-2.1814	0.148913	0.347665	-2.87633	2.56736	18.9416	6.55807	1
cg06493154	C6orf226	0.0994474	0.77845	1.08837	1.08837	0.458022	0.797014	-1.25468	0.117428	1.6662	1.6662	0.0212473	2.2965	2.2965	0.813236	0.93141	-1.07364	0.0386326	0.487175	-2.05265	0.310305	1.37052	1.37052	0.297818	1.38269	1.38269	0.241668	1.44476	1.44476	2.56736	3.66515	1.26897	1
cg14708080	KCNJ6	0.0994484	?	?	?	0.413164	1.76986	1.76986	0.800372	0.841221	-1.18875	0.863432	0.889159	-1.12466	?	?	?	0.0086153	0.101681	-9.83473	0.0840165	0.271282	-3.68621	0.362862	1.893	1.893	0.632842	0.720052	-1.38879	2.63061	15.089	6.55535	1
cg23936587	ICAM5	0.0994487	0.0623139	0.201494	-4.96293	0.0896368	4.173	4.173	0.055475	5.2444	5.2444	0.259123	2.45678	2.45678	0.189249	0.345844	-2.89148	0.639083	0.697232	-1.43424	0.0941729	0.245382	-4.07528	0.90226	0.910465	-1.09834	0.975084	1.02413	1.02413	2.56735	23.7014	8.20611	1
cg24591318	RBM47	0.0994509	0.506586	1.39434	1.39434	0.00564761	5.99894	5.99894	0.0454137	3.10193	3.10193	0.269909	1.76248	1.76248	0.445353	0.681283	-1.46782	0.584893	1.31273	1.31273	0.568556	1.32881	1.32881	0.0747469	2.66225	2.66225	0.366636	1.58015	1.58015	2.56732	9.89459	3.42582	1
cg20994660	TBR1	0.0994511	0.61053	0.744168	-1.34378	0.745202	1.20633	1.20633	?	?	?	0.368499	0.587806	-1.70124	0.671924	1.27769	1.27769	0.590712	0.731744	-1.3666	0.0131187	0.170394	-5.86874	0.037456	4.01078	4.01078	0.317824	0.552118	-1.81121	2.59559	12.0926	4.65889	1
cg23072559	SHISA7	0.0994518	0.103853	1.95148	1.95148	0.118193	1.89218	1.89218	0.79854	1.10093	1.10093	0.0739387	2.11439	2.11439	0.603977	0.821422	-1.2174	0.42903	1.3546	1.3546	0.987476	1.00592	1.00592	0.00484071	4.07464	4.07464	0.330101	1.4591	1.4591	2.56731	5.74652	1.98963	1
cg03349373	TARSL2	0.0994539	0.465966	1.39624	1.39624	0.147988	0.497473	-2.01016	0.389214	0.67235	-1.48732	0.745052	1.15811	1.15811	0.32582	0.633551	-1.5784	0.435999	1.42979	1.42979	0.0109113	4.21028	4.21028	0.0998171	2.25097	2.25097	0.200443	1.8375	1.8375	2.56729	8.22935	2.8493	1
cg18767287	MYLK;MYLK;MYLK;MYLK	0.0994571	0.580836	1.10899	1.10899	0.633013	0.914632	-1.09334	0.00431143	0.492678	-2.02973	0.801777	1.04777	1.04777	0.573397	0.899844	-1.1113	0.170586	0.762853	-1.31087	0.125965	0.735558	-1.35951	0.0961967	0.712583	-1.40334	0.791011	1.0505	1.0505	2.56726	1.39901	0.484396	1
cg04110750	NFAT5;NFAT5;NFAT5;NFAT5;NFAT5	0.0994572	0.0241468	0.501451	-1.99421	0.682939	0.899937	-1.11119	0.98021	0.993652	-1.00639	0.727197	0.914011	-1.09408	0.055027	0.572053	-1.74809	0.825273	1.05841	1.05841	0.135914	1.51066	1.51066	0.104954	1.57596	1.57596	0.164059	0.683038	-1.46405	2.56725	2.67979	0.927852	1
cg08129331	RPTOR;RPTOR	0.0994577	0.0373294	0.074701	-13.3867	0.0539129	0.0954504	-10.4766	0.679821	0.640499	-1.56128	0.0797981	0.124059	-8.06067	0.0240873	0.0556878	-17.9572	0.102914	0.147287	-6.78945	0.0566653	0.0986729	-10.1345	0.183251	0.219617	-4.55337	0.0754486	0.119481	-8.36954	2.56725	46.8574	16.224	1
cg03568042	LDB3;LDB3;LDB3	0.099459	0.506415	0.696602	-1.43554	0.118171	0.398723	-2.50801	0.0392572	0.270856	-3.692	0.925515	1.05131	1.05131	0.290749	1.80404	1.80404	0.457961	1.50014	1.50014	?	?	?	0.037541	0.266608	-3.75083	0.064297	0.322099	-3.10463	2.75854	10.886	3.453	1
cg17416730	B3GALT4	0.0994591	0.349863	1.73819	1.73819	0.0165277	5.37802	5.37802	0.026382	4.53918	4.53918	0.0883859	2.94492	2.94492	0.205875	2.1525	2.1525	0.497281	1.48573	1.48573	0.146519	2.44815	2.44815	0.0369133	4.02428	4.02428	0.0747711	3.12749	3.12749	2.56723	13.4196	4.64645	1
cg08937674	PSMA5	0.0994607	0.116207	0.70489	-1.41866	0.24955	1.27956	1.27956	0.309426	1.24045	1.24045	0.258565	0.785465	-1.27313	0.0386634	0.612277	-1.63325	0.219553	0.767614	-1.30274	0.217038	0.766387	-1.30482	0.0772587	1.49539	1.49539	0.604643	1.11293	1.11293	2.56722	1.7062	0.590766	1
cg05681757	FGD4	0.0994617	0.697808	1.12919	1.12919	0.23664	1.47125	1.47125	0.00844248	2.84994	2.84994	0.0842371	1.8127	1.8127	0.416435	1.29514	1.29514	0.789826	1.08674	1.08674	0.441498	0.783178	-1.27685	0.554003	0.82994	-1.20491	0.0398925	2.09522	2.09522	2.5672	3.94249	1.36508	1
cg00010992	TIGD2	0.0994618	0.877269	1.03725	1.03725	0.541219	1.1576	1.1576	0.608292	1.13011	1.13011	0.879637	1.03651	1.03651	0.0568635	0.600515	-1.66524	0.0148117	0.491905	-2.03291	0.0714474	0.621046	-1.61019	0.494432	0.848588	-1.17843	0.177772	1.40337	1.40337	2.5672	2.27652	0.788241	1
cg19352832	CHRNA6	0.0994627	0.0131055	0.335475	-2.98085	0.890147	1.05028	1.05028	0.00648051	0.284701	-3.51246	0.549468	0.806553	-1.23984	0.530163	0.797924	-1.25325	0.934261	1.02972	1.02972	0.774687	0.903139	-1.10725	0.345499	0.708302	-1.41183	0.268732	0.664381	-1.50516	2.56719	5.12334	1.77395	1
cg24731635	BASP1	0.0994628	0.903989	1.02783	1.02783	0.634695	0.896826	-1.11504	0.14874	1.42239	1.42239	0.0688276	0.629212	-1.58929	0.61676	0.891554	-1.12164	0.972452	0.992175	-1.00789	0.0124507	0.49287	-2.02893	0.0478174	0.597626	-1.67329	0.810408	1.0562	1.0562	2.56719	2.10441	0.728651	1
cg12573849	POU3F3	0.0994628	0.517793	0.756132	-1.32252	0.0704787	0.422376	-2.36756	0.59038	1.2607	1.2607	0.0183965	3.38511	3.38511	0.707274	0.851441	-1.17448	0.111631	0.47774	-2.09319	0.435217	1.40411	1.40411	0.757667	1.14104	1.14104	0.124041	2.03413	2.03413	2.56719	7.3897	2.55868	1
cg03053285	KCMF1	0.0994629	0.0999923	0.763801	-1.30924	0.896425	0.980718	-1.01966	0.184493	1.2342	1.2342	0.213495	0.82215	-1.21632	0.126979	1.27987	1.27987	0.345656	0.864854	-1.15626	0.0372785	0.696702	-1.43533	0.0533041	0.720226	-1.38845	0.434803	0.887694	-1.12651	2.56719	0.908668	0.314626	1
cg00043005	DOT1L	0.0994633	0.555664	0.881364	-1.1346	0.926834	1.01965	1.01965	0.671744	1.09451	1.09451	0.139935	1.40002	1.40002	0.748183	0.934032	-1.07063	0.384721	0.827934	-1.20783	0.00383348	2.28374	2.28374	0.287539	1.26359	1.26359	0.237617	1.29967	1.29967	2.56719	1.82513	0.63195	1
cg25595541	FLJ10213;PPP4R2	0.0994652	0.278851	0.812761	-1.23037	0.0216722	0.601948	-1.66127	0.581879	0.902668	-1.10783	0.0699152	0.688556	-1.45232	0.940825	0.986423	-1.01376	0.170232	1.30859	1.30859	0.0570213	1.48663	1.48663	0.82491	0.960023	-1.04164	0.782554	0.950334	-1.05226	2.56717	1.37845	0.477291	1
cg12287813	GCC2;GCC2;GCC2	0.0994669	0.107112	0.846028	-1.18199	0.576813	1.05505	1.05505	0.111733	1.17899	1.17899	0.264975	1.11676	1.11676	0.0448568	1.24467	1.24467	0.0398181	0.797791	-1.25346	0.406363	0.922427	-1.0841	0.757877	1.02983	1.02983	0.826585	0.979358	-1.02108	2.56715	0.367403	0.127215	1
cg20685139	ZNF611;ZNF611;ZNF611;ZNF611;ZNF611;ZNF611	0.0994673	0.0364276	0.775165	-1.29005	0.532624	0.935951	-1.06843	0.220899	1.14428	1.14428	0.100062	0.828022	-1.2077	0.0404216	0.780434	-1.28134	0.407115	0.915019	-1.09287	0.339121	1.1087	1.1087	0.656238	1.04804	1.04804	0.211491	1.14781	1.14781	2.56714	0.445936	0.154408	1
cg03452168	RAG2;C11orf74	0.0994677	0.719037	0.926909	-1.07885	0.00927656	2.00092	2.00092	0.0448891	1.62199	1.62199	0.75104	1.06916	1.06916	0.590194	0.892053	-1.12101	0.338738	0.812871	-1.23021	0.404472	0.835922	-1.19628	0.741103	0.93271	-1.07214	0.181826	1.34684	1.34684	2.56714	1.79473	0.621437	1
cg02410241	CORO2B	0.0994741	0.13704	1.92531	1.92531	0.165487	1.83127	1.83127	0.575973	1.25999	1.25999	0.115086	2.01531	2.01531	0.0628441	2.35388	2.35388	0.0515708	2.47518	2.47518	0.00681075	4.1952	4.1952	0.211335	1.7136	1.7136	0.132456	1.94262	1.94262	2.56707	6.80146	2.35512	1
cg04474280	NOC4L	0.0994809	0.0622563	0.688013	-1.45346	0.0454493	0.664466	-1.50497	0.288111	0.821609	-1.21712	0.356662	0.844587	-1.18401	0.0315622	0.638152	-1.56703	0.0208411	0.60924	-1.64139	0.392977	1.16872	1.16872	0.490056	0.88257	-1.13305	0.889822	0.975607	-1.025	2.56699	1.29054	0.446885	1
cg10324810	PRSS27	0.0994816	0.124931	0.414627	-2.41181	0.100917	0.385875	-2.59152	0.0126308	0.193317	-5.17284	0.978091	0.98555	-1.01466	0.102362	0.387716	-2.57921	0.711172	0.82108	-1.21791	0.0410009	0.286515	-3.49022	0.312168	0.574558	-1.74047	0.039468	0.282941	-3.5343	2.56698	11.4214	3.95497	1
cg18885125	ARHGEF16	0.0994826	0.0318889	0.40832	-2.44906	0.654347	0.851699	-1.17412	0.442122	0.756422	-1.32201	0.0485938	0.448246	-2.23092	0.0533748	0.457646	-2.18509	0.817893	1.08562	1.08562	0.395766	0.733615	-1.36311	0.0144625	0.341844	-2.92531	0.125912	0.554413	-1.80371	2.56697	5.15793	1.78608	1
cg21875423	IGFBP5;IGFBP5	0.0994835	0.0128225	0.543742	-1.83911	0.105599	1.41693	1.41693	0.12524	1.38695	1.38695	0.91708	0.979681	-1.02074	0.799885	1.05135	1.05135	0.76515	1.06083	1.06083	0.0861242	0.688115	-1.45325	0.795811	1.05245	1.05245	0.535902	0.883763	-1.13153	2.56696	1.57971	0.547023	1
cg04273148	KIFC3;KIFC3;KIFC3	0.0994866	0.647855	0.751364	-1.33091	0.0355609	4.57685	4.57685	0.917801	0.937843	-1.06628	0.283481	0.500226	-1.9991	0.0411772	0.231232	-4.32465	0.536467	0.677652	-1.47568	0.0222284	0.182005	-5.49436	0.647035	0.750821	-1.33188	0.487703	0.645143	-1.55004	2.56693	15.71	5.44013	1
cg25190465	FSIP1	0.099489	?	?	?	0.192637	0.453544	-2.20486	0.772677	0.846973	-1.18067	0.00484999	0.117429	-8.51578	?	?	?	0.67188	0.783254	-1.27673	0.571363	0.720364	-1.38819	?	?	?	0.817835	0.876084	-1.14144	2.67457	9.28499	4.62877	1
cg18973586	DGKQ	0.0994914	0.0624684	0.652925	-1.53157	0.231553	0.774822	-1.29062	0.255946	0.78576	-1.27265	0.380185	0.832753	-1.20084	0.0051485	0.471815	-2.11948	0.163408	0.739027	-1.35313	0.690161	1.08488	1.08488	0.454239	1.16764	1.16764	0.567917	0.889262	-1.12453	2.56687	1.68045	0.581926	1
cg27364874	CENPV	0.099493	0.413226	0.93118	-1.07391	0.753251	1.02724	1.02724	0.27729	0.908183	-1.1011	0.0856329	1.17579	1.17579	0.56149	1.05131	1.05131	0.134101	1.14764	1.14764	0.0287121	0.802574	-1.24599	0.106151	1.16231	1.16231	0.30298	0.913066	-1.09521	2.56686	0.295367	0.102284	1
cg05564552	JMJD7;JMJD7-PLA2G4B;JMJD7-PLA2G4B	0.0994937	0.00372391	0.592044	-1.68906	0.712701	0.951722	-1.05073	0.775683	0.962499	-1.03896	0.901902	0.983638	-1.01663	0.0998217	1.27288	1.27288	0.982994	1.00286	1.00286	0.396296	0.890282	-1.12324	0.38922	0.888649	-1.1253	0.694817	1.05417	1.05417	2.56685	0.727665	0.251987	1
cg09884635	CCNI2	0.0994947	0.0680488	2.40306	2.40306	0.295857	1.59214	1.59214	0.0487971	2.62591	2.62591	0.0731613	2.35695	2.35695	0.105366	2.13638	2.13638	0.935416	1.03538	1.03538	0.0493661	2.61782	2.61782	0.0135204	3.71174	3.71174	0.325238	1.54625	1.54625	2.56684	7.48335	2.59147	1
cg10539069	TFPI2	0.0994968	0.831549	0.885665	-1.1291	0.198373	2.17014	2.17014	0.280343	1.89578	1.89578	0.532204	0.697236	-1.43423	0.816026	0.875606	-1.14207	0.140476	0.405021	-2.46901	0.420453	0.625537	-1.59863	0.00588578	7.8005	7.8005	0.5926	1.3605	1.3605	2.56681	13.2075	4.57376	1
cg09439722	SDK1;SDK1	0.0994972	0.592528	0.769524	-1.2995	0.0153631	4.23218	4.23218	0.316707	1.65199	1.65199	0.183658	1.98195	1.98195	0.755343	0.859344	-1.16368	0.0257247	3.61336	3.61336	0.245722	1.80179	1.80179	0.0718337	2.65022	2.65022	0.117591	2.28017	2.28017	2.56681	9.56089	3.31095	1
cg11056435	ANXA4;ANXA4	0.0994988	0.224812	1.25715	1.25715	0.00217674	2.16388	2.16388	0.941005	0.986803	-1.01337	0.634554	1.08975	1.08975	0.963814	1.00818	1.00818	0.711798	1.06887	1.06887	0.586518	0.906128	-1.1036	0.968174	0.992864	-1.00719	0.245853	1.2434	1.2434	2.56679	1.30972	0.453562	1
cg21314318	ADAMTS17	0.0995001	0.289122	0.599978	-1.66673	0.742669	1.16528	1.16528	0.0245979	0.288555	-3.46555	0.0488803	0.351974	-2.84112	0.222974	1.81215	1.81215	0.827126	1.10688	1.10688	0.701153	0.836087	-1.19605	0.091224	2.37174	2.37174	0.232405	0.559108	-1.78856	2.56678	8.76234	3.03445	1
cg12182124	LAMA3;LAMA3;LAMA3;LAMA3	0.0995031	0.369278	0.730092	-1.36969	0.0756859	1.96312	1.96312	0.148042	0.588954	-1.69792	0.0371639	0.438058	-2.2828	0.435978	0.762509	-1.31146	0.492667	1.26835	1.26835	0.189161	1.60731	1.60731	0.432815	1.31402	1.31402	0.102327	0.543383	-1.84032	2.56674	4.73158	1.63859	1
cg03832293	USP10	0.0995032	0.131346	0.762523	-1.31144	0.351204	0.852402	-1.17316	0.645573	0.925815	-1.08013	0.0130576	0.598989	-1.66948	0.0628179	0.705809	-1.41681	0.60872	1.08974	1.08974	0.379318	1.16197	1.16197	0.816739	0.9621	-1.03939	0.0394438	0.672653	-1.48665	2.56674	1.12618	0.390008	1
cg20448617	PTPRN2;PTPRN2;PTPRN2	0.0995079	0.00507233	0.305969	-3.26831	0.361275	1.34984	1.34984	0.720972	0.891686	-1.12147	0.206664	0.653287	-1.53072	0.406262	0.762168	-1.31205	0.664363	0.869748	-1.14976	0.133152	1.67849	1.67849	0.645614	1.15953	1.15953	0.645568	0.862399	-1.15956	2.56669	4.15371	1.4385	1
cg02784301	SCNN1G	0.099508	0.280702	0.840536	-1.18972	0.345389	0.860227	-1.16248	0.0503849	0.707842	-1.41274	0.0680223	0.728602	-1.37249	0.0185651	0.642599	-1.55618	0.267606	0.836176	-1.19592	0.942391	0.988865	-1.01126	0.147814	1.27197	1.27197	0.639471	1.07583	1.07583	2.56669	0.975713	0.337906	1
cg11667387	CNNM2;CNNM2	0.0995101	0.670005	0.85975	-1.16313	0.756044	0.895959	-1.11612	0.032346	0.413396	-2.41899	0.593893	0.82719	-1.20891	0.114529	0.546036	-1.83138	0.552647	1.23585	1.23585	0.0189794	2.72189	2.72189	0.181359	0.60641	-1.64905	0.788111	0.909407	-1.09962	2.56667	5.05159	1.74947	1
cg13149116	POU3F1;POU3F1	0.0995107	0.0149651	0.189466	-5.27799	0.969416	0.978907	-1.02155	0.926087	1.05295	1.05295	0.107707	0.376779	-2.65407	0.116935	0.387877	-2.57814	0.256117	0.517289	-1.93316	0.010965	0.169482	-5.90035	0.669315	0.787496	-1.26985	0.285749	0.539839	-1.8524	2.56666	12.5688	4.35285	1
cg08245127	PDCD6;PDCD6	0.0995129	0.173703	0.812783	-1.23034	0.218673	1.20357	1.20357	0.723274	1.05224	1.05224	0.171471	1.23184	1.23184	0.148409	1.24858	1.24858	0.153819	1.24443	1.24443	0.472744	1.11026	1.11026	0.582774	1.0827	1.0827	0.00574961	1.67935	1.67935	2.56664	0.833774	0.288757	1
cg18847612	SLC30A5;SLC30A5	0.099513	0.537049	0.675253	-1.48093	0.40594	1.7074	1.7074	0.762297	0.826714	-1.20961	0.011772	0.129438	-7.72572	0.0490451	0.23725	-4.21496	0.611579	0.725044	-1.37923	0.71817	0.796604	-1.25533	0.20983	2.30577	2.30577	0.195225	2.37849	2.37849	2.7308	16.6459	4.74102	1
cg22560193	APC2	0.0995132	0.31787	1.49907	1.49907	0.0202859	2.99608	2.99608	0.038169	2.56555	2.56555	0.453212	1.34935	1.34935	0.734316	1.14291	1.14291	0.643042	0.832764	-1.20082	0.0235873	2.88653	2.88653	0.0547163	2.35012	2.35012	0.568783	1.25337	1.25337	2.56663	6.25022	2.16461	1
cg04370983	RAD21	0.0995137	0.0410584	0.36096	-2.77039	0.270348	0.608906	-1.64229	0.15718	0.520002	-1.92307	0.829877	1.09747	1.09747	0.0445109	0.36887	-2.71098	0.670729	0.831227	-1.20304	0.0541614	0.388818	-2.5719	0.0134723	0.266526	-3.75198	0.844193	0.918464	-1.08877	2.56663	7.5949	2.63031	1
cg16246488	HPCAL1;HPCAL1	0.0995154	0.900919	1.05854	1.05854	0.179583	1.91751	1.91751	0.185319	1.89937	1.89937	0.0589275	2.64904	2.64904	0.0320014	0.317425	-3.15035	0.041929	2.91751	2.91751	0.596781	1.27615	1.27615	0.66305	0.818542	-1.22168	0.491935	1.37546	1.37546	2.56661	8.47926	2.93661	1
cg07281688	PTGES3	0.0995181	0.538915	1.28475	1.28475	0.113654	2.00025	2.00025	0.0705178	2.25712	2.25712	0.97325	0.986585	-1.0136	0.482787	0.750295	-1.33281	0.284901	1.56421	1.56421	0.698939	1.16944	1.16944	0.00411132	4.71284	4.71284	0.393954	1.42146	1.42146	2.56658	6.59393	2.28369	1
cg22280359	PGM3;RWDD2A	0.0995196	0.624425	0.913013	-1.09527	0.796432	1.04883	1.04883	0.716273	1.06964	1.06964	0.157485	0.756705	-1.32152	0.931786	1.01591	1.01591	0.225204	0.79063	-1.26481	0.144059	1.33569	1.33569	0.187085	1.2942	1.2942	0.00799633	1.87181	1.87181	2.56656	1.38266	0.478862	1
cg05976753	DUSP4;DUSP4;DUSP4	0.0995213	0.754125	1.12985	1.12985	0.0829125	2.10874	2.10874	0.23743	1.61756	1.61756	0.845404	1.0788	1.0788	0.46766	0.750394	-1.33263	0.0834696	2.1053	2.1053	0.0915309	0.485788	-2.05851	0.0201927	2.96977	2.96977	0.637396	0.831537	-1.20259	2.56654	6.13718	2.12553	1
cg09290941	COCH;COCH	0.0995229	0.0990361	1.38372	1.38372	0.480644	0.879196	-1.1374	0.887903	1.02565	1.02565	0.0172763	1.68342	1.68342	0.661784	0.923992	-1.08226	0.0320401	1.57	1.57	0.170754	0.769546	-1.29947	0.609207	1.09702	1.09702	0.598506	1.10012	1.10012	2.56652	1.31097	0.45404	1
cg19370222	TEAD4;TEAD4;TEAD4	0.0995288	0.829413	1.02874	1.02874	0.345307	1.13613	1.13613	0.42146	1.11386	1.11386	0.113389	1.25384	1.25384	0.989283	1.00177	1.00177	0.0551896	1.33033	1.33033	0.0103416	1.5283	1.5283	0.112985	0.797309	-1.25422	0.633202	1.06517	1.06517	2.56646	0.700825	0.24273	1
cg10850791	PABPC4L	0.0995296	0.497631	0.741849	-1.34798	0.0851157	0.437983	-2.28319	0.383202	0.678553	-1.47372	0.369645	0.670615	-1.49117	0.10011	0.4578	-2.18436	0.135363	0.497569	-2.00977	0.00377885	0.18366	-5.44483	0.241982	0.587963	-1.70079	0.0984006	0.455648	-2.19468	2.56645	7.64449	2.64767	1
cg01831771	ATP11A;ATP11A	0.0995305	0.823296	0.910396	-1.09842	0.187054	1.79853	1.79853	0.476999	1.35459	1.35459	0.788767	0.893412	-1.1193	0.166922	0.538759	-1.85612	0.434056	0.715313	-1.39799	0.623513	1.2308	1.2308	0.245241	0.600405	-1.66554	0.00496634	0.209912	-4.7639	2.56644	7.16081	2.48015	1
cg02228042	FLJ23834	0.0995306	0.932683	1.01882	1.01882	0.145901	1.41135	1.41135	0.240617	0.762518	-1.31144	0.122564	0.69124	-1.44668	0.0307182	0.571137	-1.75089	0.0699571	0.639479	-1.56377	0.839711	0.956289	-1.04571	0.141969	1.41686	1.41686	0.245691	0.764939	-1.30729	2.56644	1.97973	0.685682	1
cg25755845	LY6G6F	0.0995313	0.519337	1.64992	1.64992	0.880869	0.891404	-1.12183	0.203126	2.8006	2.8006	0.0329583	0.147801	-6.76587	0.0512628	0.182423	-5.48178	0.143243	0.299436	-3.33961	0.030283	0.141938	-7.04531	0.689456	0.734987	-1.36057	0.373817	0.496684	-2.01335	2.56643	23.8842	8.27235	1
cg15975832	TP53BP2;TP53BP2	0.0995326	0.0307054	0.304454	-3.28457	0.150513	0.485779	-2.05855	0.204522	0.534041	-1.87252	0.441629	0.692389	-1.44427	0.100841	0.430867	-2.3209	0.866073	0.923963	-1.08229	0.0551821	0.361144	-2.76898	0.0908879	2.39318	2.39318	0.144283	0.479587	-2.08513	2.56642	8.92231	3.09028	1
cg14735689	TSKU	0.0995373	0.360263	0.8857	-1.12905	0.0206272	0.69784	-1.43299	0.0257762	0.710576	-1.40731	0.687535	1.05356	1.05356	0.299439	0.870422	-1.14887	0.782713	1.03632	1.03632	0.0325841	0.724133	-1.38096	0.107319	0.79706	-1.25461	0.913181	0.986024	-1.01417	2.56636	0.67688	0.234445	1
cg00472748	NUDT16	0.0995379	0.929579	0.937457	-1.06672	0.033593	6.13317	6.13317	0.109986	3.57128	3.57128	0.858995	0.878155	-1.13875	0.0262868	0.145784	-6.85946	0.706724	1.31809	1.31809	0.122679	0.2946	-3.39443	0.742968	1.27181	1.27181	0.587502	0.670188	-1.49212	2.56636	21.6999	7.51602	1
cg23137039	PHF11;PHF11	0.0995451	0.758786	1.24204	1.24204	0.0227726	6.80743	6.80743	0.011563	9.22738	9.22738	0.435276	0.571106	-1.75099	0.302896	0.471891	-2.11913	0.801382	1.19409	1.19409	0.481052	1.65537	1.65537	0.430257	0.567465	-1.76222	0.461523	1.69473	1.69473	2.56628	20.1284	6.97194	1
cg19037304	TMEM196	0.0995474	0.145655	0.859055	-1.16407	0.0138992	0.744139	-1.34384	0.728654	0.9667	-1.03445	0.540152	0.941475	-1.06216	0.881061	0.985546	-1.01467	0.00824852	0.719969	-1.38895	0.522696	0.938946	-1.06502	0.734366	0.967423	-1.03367	0.549825	1.06061	1.06061	2.56625	0.384338	0.133126	1
cg13969739	UHRF2	0.0995488	0.859836	0.954756	-1.04739	0.472257	1.21109	1.21109	0.498557	0.835297	-1.19718	0.00345912	0.353521	-2.82869	0.885713	0.963028	-1.03839	0.413068	0.80316	-1.24508	0.0965903	0.620114	-1.61261	0.12151	0.644203	-1.55231	0.96571	0.988802	-1.01132	2.56624	2.78884	0.965993	1
cg18011273	SORCS2	0.0995491	0.430348	1.53478	1.53478	0.146948	2.28966	2.28966	0.334282	0.588622	-1.69888	0.720499	0.825962	-1.21071	0.482468	0.683928	-1.46214	0.600555	1.32468	1.32468	0.00456717	0.133999	-7.46272	0.460931	1.49106	1.49106	0.830954	0.892459	-1.1205	2.56623	11.5117	3.98741	1
cg10285953	TTC9C;HNRNPUL2;TTC9C	0.0995497	0.216065	0.718343	-1.39209	0.128729	1.51769	1.51769	0.340386	1.2836	1.2836	0.0449056	1.79479	1.79479	0.981115	1.00603	1.00603	0.162639	0.684715	-1.46046	0.190864	0.703321	-1.42183	0.37154	1.26256	1.26256	0.0553083	1.73674	1.73674	2.56623	2.62423	0.908982	1
cg06698470	CDYL2	0.09955	0.155562	0.59068	-1.69297	0.275015	1.48213	1.48213	0.268019	1.49143	1.49143	0.831072	0.928657	-1.07682	0.278454	0.676754	-1.47764	0.0173621	0.366519	-2.72837	0.243645	1.52602	1.52602	0.21489	1.57197	1.57197	0.182153	0.612254	-1.63331	2.56622	4.87874	1.6899	1
cg02332766	GTF2A1;GTF2A1	0.0995509	0.0464987	0.333867	-2.99521	0.032616	0.300262	-3.33042	0.10028	0.420509	-2.37807	0.36781	0.640781	-1.5606	0.0656628	0.37015	-2.70161	0.059127	0.358717	-2.78771	0.0539647	0.349054	-2.86489	0.533497	1.35448	1.35448	0.195338	0.517399	-1.93274	2.56621	9.4078	3.25869	1
cg19445996	RAB37;RAB37;RAB37;RAB37	0.0995513	0.799709	0.786451	-1.27154	0.0956926	5.63615	5.63615	0.546719	1.77941	1.77941	0.0712615	6.71036	6.71036	0.501179	0.524622	-1.90614	0.333818	2.56478	2.56478	0.388914	0.434176	-2.30321	0.0286726	11.4588	11.4588	0.0245575	12.5589	12.5589	2.56621	36.285	12.5685	1
cg22855860	MIR548F5;NBEA;MAB21L1	0.0995518	0.0158755	0.142061	-7.03922	0.392706	0.560765	-1.78328	0.791978	1.1908	1.1908	0.904589	0.923838	-1.08244	0.0387095	0.205651	-4.86262	0.505784	0.640157	-1.56212	0.0216534	0.16178	-6.18123	0.085957	0.285485	-3.50281	0.269329	0.467686	-2.13819	2.5662	17.738	6.14416	1
cg22950163	MMP2	0.0995525	0.100135	0.774953	-1.2904	0.242883	1.18881	1.18881	0.0152691	1.52436	1.52436	0.101684	0.776017	-1.28863	0.714434	0.94932	-1.05339	0.271795	1.17574	1.17574	0.284459	0.854399	-1.17041	0.873973	1.02272	1.02272	0.939025	0.989231	-1.01089	2.5662	0.814031	0.281967	1
cg02338757	OPCML;OPCML	0.0995547	0.723703	1.04784	1.04784	0.686269	0.947945	-1.05491	0.0687715	0.764788	-1.30755	0.104874	1.26278	1.26278	0.392581	1.12222	1.12222	0.133692	1.23732	1.23732	0.0236644	0.700731	-1.42708	0.35901	0.883234	-1.1322	0.525786	1.08832	1.08832	2.56617	0.704399	0.243995	1
cg02013274	FOSL2	0.0995548	0.776618	0.93824	-1.06583	0.0811613	1.54235	1.54235	0.968884	0.991296	-1.00878	0.294028	1.27624	1.27624	0.21972	0.748852	-1.33538	0.271961	1.2921	1.2921	0.0581936	0.618926	-1.6157	0.0223226	1.8471	1.8471	0.961647	0.989281	-1.01083	2.56617	2.04121	0.70705	1
cg11169461	SERPINE2;SERPINE2;SERPINE2	0.0995557	0.986865	0.998255	-1.00175	0.0585749	1.25438	1.25438	0.0145598	1.37601	1.37601	0.685522	1.04413	1.04413	0.475566	1.07999	1.07999	0.749375	0.966575	-1.03458	0.195579	0.864862	-1.15625	0.0842335	0.816593	-1.2246	0.931363	1.00918	1.00918	2.56616	0.457252	0.158387	1
cg09059548	PHC1	0.0995571	0.160411	1.39775	1.39775	0.272148	1.29078	1.29078	0.218586	1.33504	1.33504	0.29309	1.27577	1.27577	0.226943	0.753315	-1.32747	0.0140284	0.507982	-1.96857	0.558066	0.876102	-1.14142	0.650934	1.10707	1.10707	0.186651	1.36697	1.36697	2.56614	2.02662	0.702002	1
cg21117330	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA8;PCDHGA2;PCDHGA8;PCDHGA7	0.0995597	0.0398129	5.28217	5.28217	0.353834	1.95045	1.95045	0.0840389	3.81433	3.81433	0.180709	2.70569	2.70569	0.0972539	3.57692	3.57692	0.245574	0.42719	-2.34088	0.681455	0.748981	-1.33515	0.0314502	5.85399	5.85399	0.126624	3.18096	3.18096	2.56611	19.9322	6.9044	1
cg04738237	GLI2	0.0995608	0.426988	0.812207	-1.23121	0.217569	0.717009	-1.39468	0.0949992	0.624684	-1.60081	0.934621	0.979179	-1.02126	0.913162	0.972412	-1.02837	0.185463	1.43346	1.43346	0.014053	2.17616	2.17616	0.17607	1.44614	1.44614	0.336538	1.28932	1.28932	2.5661	2.67292	0.925888	1
cg01709265	TMEM92;TMEM92	0.099562	0.0417839	0.539946	-1.85204	0.0891343	1.6362	1.6362	0.986697	1.00439	1.00439	0.222822	0.714309	-1.39995	0.738317	1.09205	1.09205	0.512468	0.839902	-1.19061	0.0484895	0.553213	-1.80762	0.196151	0.698388	-1.43187	0.154452	1.4923	1.4923	2.56609	2.80335	0.971075	1
cg19642168	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.099565	0.396818	1.31996	1.31996	0.947036	0.978969	-1.02148	0.46406	0.787863	-1.26926	0.23598	1.48785	1.48785	0.0826954	0.540716	-1.8494	0.957331	1.01727	1.01727	0.664299	0.869613	-1.14994	0.00771713	2.98941	2.98941	0.196633	1.54773	1.54773	2.56606	4.16022	1.44111	1
cg05266537	ZNF91	0.0995691	0.115829	1.69712	1.69712	0.426253	1.28583	1.28583	0.474042	0.798266	-1.25271	0.982371	0.993186	-1.00686	0.056389	0.512458	-1.95138	0.0336519	0.464032	-2.15502	0.429806	1.28325	1.28325	0.109775	1.71512	1.71512	0.33282	0.734071	-1.36227	2.56601	3.89172	1.34813	1
cg05226805	RREB1;RREB1;RREB1;RREB1	0.0995718	0.199115	1.16762	1.16762	0.0957429	1.23243	1.23243	0.803712	0.971957	-1.02885	0.847204	1.02228	1.02228	0.0464323	0.770643	-1.29762	0.0640565	0.788441	-1.26833	0.402056	1.10291	1.10291	0.101653	0.814912	-1.22713	0.260793	0.874628	-1.14334	2.56598	0.530155	0.183653	1
cg12336574	CDC73	0.0995799	0.371533	1.24696	1.24696	0.888366	0.966778	-1.03436	0.654657	0.897355	-1.11439	0.437448	1.20991	1.20991	0.00644508	2.34489	2.34489	0.186803	1.4002	1.4002	0.0994375	0.647643	-1.54406	0.425888	0.82235	-1.21603	0.603325	1.1344	1.1344	2.56589	2.35155	0.814637	1
cg23731764	EXOSC10;EXOSC10	0.0995809	0.759155	1.04747	1.04747	0.105756	0.766061	-1.30538	0.723437	0.947824	-1.05505	0.505672	1.10722	1.10722	0.882811	0.978	-1.0225	0.377235	0.872274	-1.14643	0.0120558	0.623649	-1.60347	0.740027	0.951018	-1.0515	0.0408267	1.42771	1.42771	2.56588	0.924359	0.320222	1
cg02521771	NLGN1	0.0995814	0.00753073	0.183475	-5.45034	0.540692	0.736842	-1.35714	0.177087	0.492915	-2.02875	0.454025	0.686556	-1.45655	0.0224031	0.259504	-3.8535	0.747703	1.1725	1.1725	0.318223	0.601284	-1.66311	0.543957	0.738701	-1.35373	0.0699696	0.368226	-2.71573	2.56587	9.8804	3.42284	1
cg25015416	CNP	0.0995831	0.236345	1.55773	1.55773	0.917936	1.0375	1.0375	0.785354	0.907088	-1.10243	0.0360896	2.38867	2.38867	0.547841	1.24264	1.24264	0.193382	1.63498	1.63498	0.0726622	2.04489	2.04489	0.0116944	3.08128	3.08128	0.0505203	2.21685	2.21685	2.56586	5.18524	1.79632	1
cg01614643	TRIM10;TRIM10	0.0995832	0.588286	1.29166	1.29166	0.822594	1.11088	1.11088	0.152677	0.48808	-2.04884	0.744907	1.16518	1.16518	0.0261	0.290491	-3.44244	0.871682	0.927099	-1.07863	0.851601	0.916039	-1.09166	0.00653554	0.191164	-5.23112	0.523319	0.738677	-1.35377	2.56585	8.91088	3.08699	1
cg16301215	C1orf9;C1orf9	0.0995832	0.190258	0.745097	-1.34211	0.0864208	1.49448	1.49448	0.0782069	1.51444	1.51444	0.847021	0.959859	-1.04182	0.114836	0.695085	-1.43867	0.280251	0.788138	-1.26881	0.14134	0.714973	-1.39865	0.0924158	1.48119	1.48119	0.898846	1.02734	1.02734	2.56585	1.82843	0.633423	1
cg03436029	EPHB4	0.0995838	0.41314	0.843293	-1.18583	0.288936	0.799116	-1.25138	0.0192648	0.561741	-1.78018	0.472318	0.861637	-1.16058	0.00477839	0.466254	-2.14475	0.374732	0.830608	-1.20394	0.136331	0.721118	-1.38674	0.587036	0.894298	-1.1182	0.240638	0.778604	-1.28435	2.56585	1.68638	0.584214	1
cg02366059	C18orf45	0.0995842	0.0449703	0.586856	-1.70399	0.473848	1.1838	1.1838	0.450294	0.836787	-1.19505	0.540768	0.866379	-1.15423	0.306841	1.27769	1.27769	0.488461	0.849571	-1.17706	0.0080114	0.455171	-2.19698	0.123318	0.679312	-1.47208	0.956457	1.01273	1.01273	2.56584	2.18045	0.755376	1
cg13618979	TPM4;TPM4	0.0995846	0.120757	0.531188	-1.88257	0.101226	1.9635	1.9635	0.224828	1.61499	1.61499	0.653955	1.18488	1.18488	0.107476	0.516601	-1.93573	0.984339	1.00741	1.00741	0.0181401	0.340034	-2.94088	0.794808	1.10295	1.10295	0.350084	0.696548	-1.43565	2.56584	5.74413	1.98995	1
cg08385906	BAT4;CSNK2B	0.0995874	0.739835	0.922451	-1.08407	0.00739193	2.30703	2.30703	0.797606	0.939652	-1.06422	0.788311	1.06736	1.06736	0.0672815	0.608548	-1.64326	0.74418	1.08254	1.08254	0.340162	0.788118	-1.26885	0.16628	1.42979	1.42979	0.808787	0.942967	-1.06048	2.56581	2.38414	0.825954	1
cg14967814	ZNF639	0.0995886	0.01356	1.45108	1.45108	0.150846	1.20639	1.20639	0.222676	0.855412	-1.16903	0.759997	1.03805	1.03805	0.506888	0.921213	-1.08553	0.653647	0.946444	-1.05659	0.22939	0.857523	-1.16615	0.891868	0.983561	-1.01671	0.0627623	1.29069	1.29069	2.56579	0.60355	0.209093	1
cg15082648	CHID1;CHID1;CHID1;CHID1;CHID1	0.0995904	0.813988	0.957149	-1.04477	0.721321	0.935613	-1.06882	0.782898	1.05267	1.05267	0.799556	1.04842	1.04842	0.0158892	0.577641	-1.73118	0.00582924	0.511256	-1.95597	0.534343	0.889639	-1.12405	0.780857	0.949497	-1.05319	0.326265	0.828339	-1.20723	2.56577	1.40311	0.486093	1
cg13460643	G0S2;G0S2	0.0995907	0.891755	1.15049	1.15049	0.0633951	8.57939	8.57939	0.0624247	8.66457	8.66457	0.482757	0.479765	-2.08436	0.014112	0.0442034	-22.6227	0.955597	1.059	1.059	0.690927	1.50904	1.50904	0.677278	0.649913	-1.53867	0.36735	2.59456	2.59456	2.56577	43.077	14.9236	1
cg05956132	MARCH8;MARCH8	0.0995926	0.408502	0.768822	-1.30069	0.414558	1.2961	1.2961	0.0551528	0.508592	-1.96621	0.0528052	0.504337	-1.9828	0.647286	0.866531	-1.15403	0.994341	1.00221	1.00221	0.0753068	0.540198	-1.85117	0.010993	0.370772	-2.69708	0.355495	0.744106	-1.34389	2.56575	3.92972	1.36143	1
cg16897415	USP21;USP21	0.099593	0.707545	0.949178	-1.05354	0.61995	1.07164	1.07164	0.630768	1.06932	1.06932	0.820675	1.03192	1.03192	0.146258	0.805854	-1.24092	0.420286	0.892295	-1.12071	0.00257461	0.560799	-1.78317	0.916591	1.0146	1.0146	0.499184	0.909424	-1.0996	2.56575	0.778375	0.269664	1
cg14820213	MBOAT2	0.0995936	0.348654	0.766378	-1.30484	0.0121548	0.422361	-2.36764	0.0381203	0.51539	-1.94028	0.88962	1.03904	1.03904	0.888293	0.961983	-1.03952	0.65353	0.882851	-1.13269	0.0672053	1.76063	1.76063	0.538323	0.842133	-1.18746	0.743874	0.913555	-1.09463	2.56574	3.0903	1.07062	1
cg06869755	LRP5	0.0995949	0.0987883	0.43213	-2.31412	0.0479785	2.85173	2.85173	0.256518	1.7315	1.7315	0.48778	0.721256	-1.38647	0.0383935	0.328868	-3.04074	0.376644	0.656688	-1.52279	0.671565	1.21859	1.21859	0.124381	0.462434	-2.16247	0.621737	1.25927	1.25927	2.56572	8.73142	3.02498	1
cg06381661	KIF20B;KIF20B	0.0995957	0.631777	1.15651	1.15651	0.588362	1.17893	1.17893	0.0860322	1.78529	1.78529	?	?	?	?	?	?	0.063382	0.52747	-1.89584	0.139493	1.62225	1.62225	0.0323609	2.16574	2.16574	0.675347	1.13521	1.13521	2.79028	3.04461	1.09115	1
cg22125838	WNT10A	0.0995969	0.855238	0.962801	-1.03864	0.172166	1.35209	1.35209	0.112245	0.698416	-1.43181	0.259521	1.27654	1.27654	0.37801	0.828819	-1.20654	0.017882	1.81747	1.81747	0.0808454	0.669084	-1.49458	0.689495	0.920015	-1.08694	0.989077	1.00285	1.00285	2.5657	1.75083	0.606577	1
cg12315735	PANX3	0.0995974	0.813299	1.14281	1.14281	0.0367871	0.254452	-3.93001	0.468774	0.659751	-1.51572	0.403092	0.61707	-1.62056	0.116602	0.382125	-2.61695	0.458595	0.653235	-1.53084	0.012914	0.175278	-5.70521	0.0199942	0.205136	-4.87481	0.325126	0.563667	-1.7741	2.5657	12.9361	4.48172	1
cg13212186	HCG27	0.0996016	0.104323	0.663551	-1.50704	0.239964	1.32616	1.32616	0.470901	1.18238	1.18238	0.119229	0.676982	-1.47714	0.0279479	0.544694	-1.83589	0.635901	0.896939	-1.1149	0.102735	1.51051	1.51051	0.861066	0.960872	-1.04072	0.130251	0.686065	-1.45759	2.72968	2.19643	0.625836	1
cg03355808	FRMD4A	0.0996047	0.165253	0.612225	-1.63339	0.771854	1.10117	1.10117	0.00405943	0.278344	-3.59267	0.467113	0.782475	-1.278	0.136483	0.587543	-1.702	0.242421	1.50013	1.50013	0.980696	0.992011	-1.00805	0.562778	0.823689	-1.21405	0.472009	0.784654	-1.27445	2.56562	4.46522	1.54703	1
cg26196882	SV2A	0.0996075	0.0428202	0.147276	-6.78999	0.0934479	4.55359	4.55359	0.152002	3.52852	3.52852	0.598805	1.54682	1.54682	0.0282272	0.118994	-8.4038	0.685576	1.39713	1.39713	0.708421	1.3616	1.3616	0.684799	1.39836	1.39836	0.358162	0.46008	-2.17353	2.56558	27.4296	9.50342	1
cg17976625	CPD	0.0996088	0.628809	0.874232	-1.14386	0.0688949	0.570213	-1.75373	0.0471621	0.534329	-1.87151	0.351009	1.30326	1.30326	0.411096	0.793005	-1.26103	0.615658	1.14989	1.14989	0.0132775	0.42883	-2.33193	0.239802	0.712029	-1.40444	0.115845	0.623993	-1.60258	2.56557	3.0938	1.0719	1
cg13987489	BCL11B;BCL11B	0.0996132	0.0280278	0.291266	-3.43329	0.252884	0.56688	-1.76404	0.0557312	0.356907	-2.80185	0.489146	0.716082	-1.39649	0.0834566	0.402254	-2.48599	0.298602	1.66876	1.66876	0.0591787	0.36329	-2.75262	0.399705	1.50645	1.50645	0.791831	1.13397	1.13397	2.56552	9.17895	3.18028	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24643429	WDR8	0.099614	0.0664463	1.61969	1.61969	0.0546798	1.66633	1.66633	0.308542	1.28008	1.28008	0.0126381	2.0675	2.0675	0.97678	0.993204	-1.00684	0.227008	1.34603	1.34603	0.0311987	1.80824	1.80824	0.127196	1.47175	1.47175	0.808836	1.05843	1.05843	2.56551	2.23028	0.772739	1
cg24393673	OLFM3	0.0996145	0.0516181	13.6824	13.6824	0.275032	3.82334	3.82334	0.404768	2.73653	2.73653	0.432904	0.388639	-2.57308	0.311689	0.290547	-3.44179	0.628767	0.56253	-1.77768	0.375062	0.34125	-2.9304	0.0275956	21.6787	21.6787	0.0525569	13.5027	13.5027	2.56551	56.6654	19.6332	1
cg14063104	ANKRD13B	0.0996163	0.949032	0.966276	-1.0349	0.268167	1.85697	1.85697	0.471334	1.48173	1.48173	0.055355	0.311761	-3.20759	0.130717	0.41653	-2.40078	0.524422	0.707391	-1.41365	0.0552854	3.20894	3.20894	0.135782	2.36953	2.36953	0.111102	2.5382	2.5382	2.56549	11.7012	4.05423	1
cg24868122	ARHGAP26;ARHGAP26	0.0996166	0.632554	0.842879	-1.18641	0.281184	0.672036	-1.48802	0.223517	0.635208	-1.57429	0.45248	1.31205	1.31205	0.0791638	0.50077	-1.99692	0.195039	1.62637	1.62637	0.24544	0.649804	-1.53893	0.0185602	2.75369	2.75369	0.479222	1.29077	1.29077	2.56548	5.11598	1.77258	1
cg08174779	ODZ3	0.0996169	0.770556	0.88517	-1.12973	0.112762	0.486739	-2.05449	0.0941481	0.464128	-2.15458	0.192867	1.77676	1.77676	0.111693	0.485511	-2.05968	0.600226	1.24678	1.24678	0.979109	0.989138	-1.01098	0.0208367	3.19036	3.19036	0.68444	1.18581	1.18581	2.56548	7.06851	2.4491	1
cg23906641	SOAT2;IGFBP6	0.0996181	0.381158	0.682948	-1.46424	0.241212	0.594029	-1.68342	0.0682635	0.420342	-2.37902	0.180947	0.547158	-1.82762	0.00381913	0.190937	-5.23733	0.267302	0.612258	-1.6333	0.318467	0.645501	-1.54918	0.0829488	0.442625	-2.25925	0.138486	0.508101	-1.96811	2.56547	7.32282	2.53723	1
cg27127056	DCAF16;NCAPG	0.0996193	0.31863	1.13523	1.13523	0.0691123	1.28437	1.28437	0.111072	1.23814	1.23814	0.174563	0.837188	-1.19448	0.751098	1.03994	1.03994	0.944836	0.991521	-1.00855	0.0154201	0.693651	-1.44165	0.732992	1.04304	1.04304	0.592526	1.06874	1.06874	2.56545	0.615252	0.213175	1
cg23898320	USP36	0.0996202	0.504994	1.23572	1.23572	0.0410979	0.478355	-2.0905	0.0978503	0.566541	-1.7651	0.74062	1.10953	1.10953	0.644849	1.15629	1.15629	0.960173	0.984497	-1.01575	0.383253	0.755974	-1.3228	0.0177479	2.46463	2.46463	0.391082	1.31646	1.31646	2.56544	3.97753	1.37816	1
cg10533161	STK24;STK24;STK24	0.0996248	0.2704	0.36298	-2.75498	0.0105436	0.0583392	-17.1411	0.388752	0.458388	-2.18156	0.541404	0.579298	-1.72623	0.0401525	0.123186	-8.11782	0.0591477	0.152345	-6.56406	0.0384748	0.120333	-8.31025	0.123481	0.229144	-4.36406	0.197361	0.300168	-3.33147	2.56539	31.6855	10.9788	1
cg13209085	ILF2	0.0996249	0.185503	0.335319	-2.98224	0.859046	0.870797	-1.14837	?	?	?	?	?	?	0.692571	1.36243	1.36243	?	?		0.00808934	0.071396	-14.0064	0.532436	1.63579	1.63579	0.602762	1.50478	1.50478	2.67291	17.0944	8.52724	1
cg11823230	TNXB	0.0996257	0.0770856	3.99194	3.99194	0.108199	3.43545	3.43545	0.0806156	3.91401	3.91401	0.0964426	3.61584	3.61584	0.641724	0.718933	-1.39095	0.462176	0.590319	-1.694	0.243728	0.423616	-2.36063	0.0536241	4.68034	4.68034	0.119454	3.28661	3.28661	2.56538	20.1493	6.98159	1
cg14109799	AP4S1;STRN3;STRN3;STRN3;STRN3;AP4S1	0.0996257	0.0977644	0.748543	-1.33593	0.0693641	1.3825	1.3825	0.0205201	1.56049	1.56049	0.655857	1.07413	1.07413	0.831538	0.966606	-1.03455	0.214379	1.23171	1.23171	0.0871468	1.35142	1.35142	0.237884	1.21789	1.21789	0.209792	1.23458	1.23458	2.56538	1.03277	0.357847	1
cg18013012	TUBA4B;TUBA4A	0.0996264	0.574915	0.930952	-1.07417	0.174712	1.19994	1.19994	0.679556	1.05385	1.05385	0.535522	0.92383	-1.08245	0.434501	0.904216	-1.10593	0.304575	0.874372	-1.14368	0.0291938	0.722903	-1.38331	0.708528	1.04856	1.04856	0.0190491	1.43099	1.43099	2.56537	0.647773	0.22445	1
cg09448875	ABCC2	0.0996268	0.201006	0.366582	-2.72791	0.0537349	0.196397	-5.09172	0.469207	0.578576	-1.72838	0.0677843	0.218647	-4.57358	0.0237302	0.134519	-7.4339	0.106356	0.269723	-3.70751	0.585951	0.664498	-1.50489	0.0290377	0.147771	-6.76721	0.0412145	0.173769	-5.75475	2.56537	22.4351	7.77367	1
cg18098750	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.0996272	0.876096	1.05674	1.05674	0.0598029	0.471767	-2.11969	0.979935	0.991143	-1.00894	0.0337406	0.415997	-2.40386	0.534225	0.800376	-1.24941	0.0233511	0.383464	-2.60781	0.225655	1.56846	1.56846	0.314164	1.44514	1.44514	0.915946	1.03805	1.03805	2.56537	5.08376	1.7615	1
cg10926554	TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2	0.099629	0.1298	0.517505	-1.93235	0.0419385	0.389219	-2.56925	0.114402	0.500982	-1.99608	0.756935	1.13311	1.13311	0.00623069	0.238064	-4.20056	0.961557	0.980786	-1.01959	0.907057	0.954075	-1.04814	0.270976	0.630449	-1.58617	0.92717	1.03749	1.03749	2.56535	6.58299	2.281	1
cg01788025	COQ3	0.0996301	0.0917874	0.605018	-1.65284	0.25523	1.37925	1.37925	0.0251616	2.05611	2.05611	0.404244	0.79372	-1.25989	0.109078	0.623125	-1.60481	0.14433	0.654094	-1.52883	0.347924	0.769817	-1.29901	0.423323	1.24779	1.24779	0.72067	0.907382	-1.10207	2.56533	2.97714	1.03158	1
cg17821664	OSTBETA;OSTBETA	0.0996315	0.644396	1.13258	1.13258	0.178715	1.46622	1.46622	0.156594	1.50065	1.50065	0.0671464	1.73259	1.73259	0.804793	1.06858	1.06858	0.102665	0.619807	-1.6134	0.0234321	0.484192	-2.0653	0.617119	1.14456	1.14456	0.827753	0.9433	-1.06011	2.56532	2.91533	1.01017	1
cg23020402	ACOT13;TTRAP;ACOT13	0.0996322	0.27465	0.873191	-1.14523	0.100734	1.23921	1.23921	0.185576	1.1823	1.1823	0.618655	0.941891	-1.06169	0.745395	1.03964	1.03964	0.578213	1.0693	1.0693	0.0759088	0.790051	-1.26574	0.343057	1.1236	1.1236	0.0165877	1.41776	1.41776	2.56531	0.578269	0.200372	1
cg23901920	SAMD4A;SAMD4A	0.0996328	0.0727608	0.289594	-3.45311	0.251509	2.09945	2.09945	0.461449	1.59068	1.59068	0.531664	0.675547	-1.48028	0.0294114	0.204316	-4.89438	0.738792	0.812872	-1.23021	0.0244803	0.190288	-5.2552	0.552539	1.45063	1.45063	0.238435	0.465589	-2.14781	2.5653	15.5722	5.39584	1
cg26654286	RARA;RARA	0.0996338	0.403867	1.61925	1.61925	0.0104959	6.15473	6.15473	0.0202497	4.85313	4.85313	0.54042	1.41864	1.41864	0.302601	1.82677	1.82677	0.81722	1.13955	1.13955	0.347495	0.579373	-1.726	0.239873	2.0025	2.0025	0.110266	2.67001	2.67001	2.56529	12.9352	4.48212	1
cg06551919	TUBA1B	0.0996344	0.808468	0.939121	-1.06483	0.0231542	2.0182	2.0182	0.121567	1.54358	1.54358	0.732688	0.915147	-1.09272	0.0637454	0.583311	-1.71435	0.45259	1.21885	1.21885	0.171373	0.686161	-1.45738	0.430812	1.23117	1.23117	0.177661	1.44847	1.44847	2.56529	2.71773	0.941712	1
cg19255475	TTC30B	0.0996346	0.20701	0.884541	-1.13053	0.713418	1.03459	1.03459	0.148188	1.15373	1.15373	0.998145	1.00021	1.00021	0.0918982	1.18658	1.18658	0.207277	0.884612	-1.13044	0.0486196	0.812481	-1.2308	0.0811294	1.19516	1.19516	0.256787	1.1153	1.1153	2.56528	0.345331	0.11966	1
cg09423283	GRM1;GRM1	0.0996361	0.0387117	18.8389	18.8389	0.0256671	25.7988	25.7988	0.317861	3.54728	3.54728	0.142089	6.92812	6.92812	0.504158	2.29624	2.29624	0.0657136	12.5878	12.5878	0.193152	5.41322	5.41322	0.02159	29.4781	29.4781	0.0649512	12.7004	12.7004	2.56527	61.1039	21.1731	1
cg10519271	XKR8	0.0996365	0.0632479	3.75567	3.75567	0.0743704	3.52306	3.52306	0.172516	2.5085	2.5085	0.119705	2.91368	2.91368	0.795595	0.848366	-1.17874	0.409937	1.70538	1.70538	0.146115	2.68671	2.68671	0.011824	7.32326	7.32326	0.0441073	4.32794	4.32794	2.56526	16.3017	5.64869	1
cg23294090	FAM135B	0.0996369	0.23135	1.46537	1.46537	0.572538	0.840667	-1.18953	0.676589	0.880137	-1.13619	0.0944656	1.74978	1.74978	0.933118	1.02588	1.02588	0.193576	1.51998	1.51998	0.00870864	0.361521	-2.76609	0.376763	0.758767	-1.31793	0.68082	1.13416	1.13416	2.56526	3.76368	1.30416	1
cg21157258	DPAGT1;DPAGT1	0.0996373	0.239471	1.25202	1.25202	0.671684	0.92516	-1.08089	0.222094	1.26383	1.26383	0.0578773	1.47881	1.47881	0.0776249	1.43029	1.43029	0.837247	1.03824	1.03824	0.0410489	0.650397	-1.53752	0.0670997	1.45421	1.45421	0.976775	1.00533	1.00533	2.56525	1.35264	0.468704	1
cg12383580	ITGA3;ITGA3	0.0996379	0.0139437	0.249816	-4.00294	0.269073	0.591152	-1.69161	0.0917404	0.428293	-2.33485	0.183407	0.524848	-1.90531	0.180553	0.522366	-1.91437	0.15949	0.503292	-1.98692	0.0093561	0.221976	-4.505	0.305901	0.616214	-1.62281	0.515095	0.739743	-1.35182	2.56525	8.47435	2.93646	1
cg25921512	KIRREL2;KIRREL2;KIRREL2	0.099641	0.111163	0.493043	-2.02822	0.108605	2.04046	2.04046	0.0395849	2.63767	2.63767	0.156578	0.539293	-1.85428	0.74229	0.874187	-1.14392	0.222695	0.593236	-1.68567	0.764382	0.884713	-1.13031	0.309887	1.53449	1.53449	0.128998	1.95129	1.95129	2.56521	6.74629	2.3377	1
cg10040196	EML1;EML1	0.0996423	0.0465759	0.326346	-3.06424	0.153473	0.475743	-2.10198	0.624569	0.788598	-1.26807	0.115328	2.30283	2.30283	0.377077	0.645558	-1.54905	0.607004	1.28384	1.28384	?	?	?	0.0483788	3.0277	3.0277	0.341659	0.622885	-1.60543	2.75618	8.78614	2.78933	1
cg12452019	CAB39;CAB39;CAB39	0.0996435	0.0249443	0.661409	-1.51192	0.0300152	1.48504	1.48504	0.521531	1.10589	1.10589	0.502552	0.899946	-1.11118	0.15025	0.787478	-1.26988	0.870126	0.974968	-1.02567	0.368297	1.15392	1.15392	0.671824	1.06825	1.06825	0.210236	0.815012	-1.22698	2.56518	0.975117	0.337898	1
cg02973883	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.0996482	0.122974	0.412754	-2.42275	0.436683	0.656929	-1.52224	0.256049	0.533753	-1.87353	0.0154629	4.82182	4.82182	0.104137	0.390295	-2.56216	0.927318	1.0495	1.0495	0.263946	1.85267	1.85267	0.410211	0.640208	-1.56199	0.408466	1.56471	1.56471	2.56513	11.392	3.94765	1
cg14229668	GCA	0.0996493	0.718131	1.08133	1.08133	0.82681	0.953832	-1.0484	0.0842182	0.662267	-1.50997	0.0131389	0.515114	-1.94132	0.16287	1.37897	1.37897	0.0936013	0.671809	-1.48852	0.99849	1.00041	1.00041	0.562036	0.881208	-1.13481	0.251297	1.29505	1.29505	2.56512	1.89044	0.655091	1
cg19679397	FADD	0.0996499	?	?	?	0.0435029	0.295687	-3.38195	0.279965	0.554614	-1.80306	0.428158	0.654049	-1.52894	0.083627	0.366057	-2.73182	0.0854157	0.368614	-2.71287	0.0171001	0.217495	-4.5978	0.0399034	0.287476	-3.47855	0.375188	0.620205	-1.61237	2.59333	10.0573	3.87815	1
cg20504077	CLU;CLU	0.0996504	0.865741	1.04373	1.04373	0.0167535	2.09277	2.09277	0.0221875	2.00074	2.00074	0.498228	0.840371	-1.18995	0.538333	1.17068	1.17068	0.676331	0.89925	-1.11204	?	?	?	0.0810239	1.63119	1.63119	0.693586	1.10535	1.10535	2.59332	2.33568	0.900654	1
cg08473764	MIR1182;FAM89A	0.099651	0.451033	0.82893	-1.20637	0.00613969	2.39537	2.39537	0.137741	1.47773	1.47773	0.734643	1.08667	1.08667	0.288714	0.764082	-1.30876	0.74965	0.924763	-1.08136	0.131813	1.48797	1.48797	0.67587	0.902368	-1.10819	0.625175	0.886664	-1.12782	2.5651	2.42495	0.840323	1
cg13823817	MGC57346;MGC57346	0.0996525	0.218041	0.819194	-1.22071	0.995949	0.999219	-1.00078	0.0217409	0.654426	-1.52806	0.987849	1.00235	1.00235	0.156013	0.791677	-1.26314	0.821441	0.965805	-1.03541	0.895188	0.979917	-1.02049	0.0127139	0.620896	-1.61058	0.225604	1.21637	1.21637	2.56509	0.962447	0.333521	1
cg08822616	B3GAT1;B3GAT1	0.0996535	0.0643549	1.70039	1.70039	0.0801476	0.609028	-1.64196	0.867301	0.958183	-1.04364	0.371257	1.26429	1.26429	0.257624	1.35223	1.35223	0.0740742	1.66274	1.66274	0.0590591	1.72374	1.72374	0.0987472	1.58791	1.58791	0.143335	1.49439	1.49439	2.56507	2.65069	0.918559	1
cg19268453	HLA-DMB	0.0996539	0.189017	0.461562	-2.16656	0.600382	0.745514	-1.34136	0.0537011	0.296061	-3.37768	0.114433	0.385213	-2.59597	0.0064941	0.140071	-7.13925	0.0777943	0.336558	-2.97126	0.206547	0.477014	-2.09637	0.0795165	0.339127	-2.94875	0.217613	0.486434	-2.05578	2.56507	12.5411	4.34593	1
cg00986350	ZFPM1	0.0996543	0.534878	1.0901	1.0901	0.649174	1.06488	1.06488	0.00819152	0.628517	-1.59105	0.194226	1.20746	1.20746	0.935	0.988866	-1.01126	0.365552	1.13611	1.13611	0.0554637	0.742335	-1.3471	0.736873	1.04738	1.04738	0.664513	0.941863	-1.06173	2.56506	0.765434	0.265251	1
cg26313188	STX8	0.0996544	0.0708659	0.313739	-3.18737	0.09624	0.350256	-2.85505	0.261215	0.510178	-1.9601	0.657231	1.29241	1.29241	0.00401311	0.108559	-9.21157	0.27843	0.523448	-1.91041	0.718107	0.81203	-1.23148	0.280933	0.525348	-1.9035	0.335613	0.565359	-1.76879	2.56506	13.4022	4.64435	1
cg15271616	RUSC2	0.0996558	0.486647	0.869346	-1.15029	0.00831004	1.95092	1.95092	0.317598	0.81494	-1.22708	0.313494	0.813425	-1.22937	0.729333	1.07123	1.07123	0.118317	1.39921	1.39921	0.918548	1.02047	1.02047	0.35772	0.829145	-1.20606	0.16669	1.3392	1.3392	2.56505	1.5941	0.552419	1
cg12803091	CHMP4B	0.0996559	0.250438	0.845659	-1.18251	0.728655	1.04982	1.04982	0.0929262	1.29439	1.29439	0.90891	0.98415	-1.0161	0.77389	0.960589	-1.04103	0.163443	0.81252	-1.23074	0.0610968	1.3426	1.3426	0.0999293	0.777518	-1.28614	0.050557	0.732693	-1.36483	2.56505	0.791568	0.274309	1
cg02366575	CDC7;CDC7;CDC7	0.0996561	0.868839	0.97642	-1.02415	0.0267447	1.46075	1.46075	0.309465	1.164	1.164	0.0339991	0.69955	-1.42949	0.140784	0.795532	-1.25702	0.759449	0.956624	-1.04534	0.517684	1.09933	1.09933	0.291968	1.17102	1.17102	0.26016	1.18481	1.18481	2.56505	0.846901	0.293484	1
cg06242730	C7orf50;C7orf50;MIR339;C7orf50	0.0996565	0.746747	0.891535	-1.12166	0.00744143	3.39171	3.39171	0.304522	1.45758	1.45758	0.171697	0.597162	-1.67459	0.900068	1.04552	1.04552	0.422767	1.3366	1.3366	0.154715	1.71549	1.71549	0.616578	1.19587	1.19587	0.178881	0.602904	-1.65864	2.56504	5.10054	1.76754	1
cg02824029	GABBR1;GABBR1;GABBR1	0.0996567	0.090028	0.383033	-2.61074	0.0717071	2.80879	2.80879	0.0937304	2.57699	2.57699	0.783162	0.867896	-1.15221	0.0985315	0.394372	-2.53568	0.669817	0.802283	-1.24644	0.223778	0.518704	-1.92788	0.310074	1.71508	1.71508	0.13338	0.435383	-2.29683	2.56504	10.7158	3.71345	1
cg17415355	TOLLIP	0.0996597	0.455674	1.78277	1.78277	0.00241952	29.5064	29.5064	?	?	?	0.287351	2.32364	2.32364	0.453332	1.78837	1.78837	0.415127	1.8855	1.8855	0.587889	1.51556	1.51556	0.450678	1.79477	1.79477	0.729368	1.30174	1.30174	2.75595	21.8704	6.94372	1
cg04266779	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.0996631	0.768331	0.963171	-1.03824	0.135223	1.22698	1.22698	0.0668819	1.29818	1.29818	0.87631	0.980407	-1.01998	0.197397	1.18899	1.18899	0.640546	0.942008	-1.06156	0.0648346	0.768415	-1.30138	0.261629	1.16034	1.16034	0.0282518	1.38967	1.38967	2.56497	0.655599	0.227198	1
cg01028379	FOXK1	0.0996637	0.197362	1.94869	1.94869	0.875204	1.07998	1.07998	0.124336	2.25845	2.25845	0.0679621	2.72054	2.72054	0.0202533	0.253974	-3.93741	0.308975	1.67445	1.67445	0.241156	1.82341	1.82341	0.202575	1.93212	1.93212	0.272606	1.74898	1.74898	2.56496	9.73682	3.3743	1
cg15451248	SLC33A1	0.0996659	0.0399653	0.245259	-4.07732	0.143771	0.39463	-2.53402	0.329474	0.551146	-1.8144	0.58891	0.723987	-1.38124	0.102057	0.346693	-2.8844	0.31345	0.539474	-1.85366	0.015572	0.172743	-5.78896	0.0188691	0.185693	-5.38523	0.12055	0.369077	-2.70946	2.56494	14.2353	4.93329	1
cg11724147	HIBADH	0.0996715	0.901275	1.04305	1.04305	0.570243	1.21512	1.21512	0.149706	0.591827	-1.68968	0.924126	1.03288	1.03288	0.0584347	0.483753	-2.06717	0.716263	1.13198	1.13198	0.0728497	1.97302	1.97302	0.0178684	2.65824	2.65824	0.636429	1.17552	1.17552	2.56487	4.68528	1.62374	1
cg14930674	SLC12A1	0.0996717	0.200375	0.399352	-2.50405	0.364748	1.88142	1.88142	0.578862	0.683525	-1.46301	0.534634	1.53229	1.53229	0.0404385	0.200642	-4.984	0.299143	0.481777	-2.07565	0.0156717	0.133954	-7.46524	0.0439435	0.207797	-4.81238	0.775354	0.823516	-1.21431	2.56487	18.708	6.4835	1
cg08333778	SPACA1	0.0996724	0.143195	0.682213	-1.46582	0.299437	0.76998	-1.29874	0.40179	0.811737	-1.23193	0.268369	1.32342	1.32342	0.275508	1.3175	1.3175	0.113625	1.51957	1.51957	0.14166	1.4683	1.4683	0.872408	1.03984	1.03984	0.0167416	2.03354	2.03354	2.56486	2.39994	0.831732	1
cg22845790	ANK1	0.099675	0.271839	0.650642	-1.53694	0.941224	1.02809	1.02809	0.0915509	0.497523	-2.00996	0.929792	0.967431	-1.03367	0.138268	0.549003	-1.82148	0.281269	0.656535	-1.52315	0.00539982	0.252568	-3.95934	0.295078	1.50382	1.50382	0.269934	0.649437	-1.53979	2.56484	5.73513	1.98761	1
cg00922603	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.0996788	0.658515	0.907768	-1.1016	0.206565	1.3362	1.3362	0.31638	1.25277	1.25277	0.0353944	0.586869	-1.70396	0.293546	0.788957	-1.2675	0.0904	0.666352	-1.50071	0.110028	0.684574	-1.46076	0.514166	0.865953	-1.1548	0.0997325	1.48065	1.48065	2.56479	1.92261	0.666326	1
cg07736927	CHCHD2	0.0996789	0.30477	0.792331	-1.2621	0.575899	1.13177	1.13177	0.446593	0.843733	-1.18521	0.0706148	1.55664	1.55664	0.894043	0.971234	-1.02962	0.14145	0.707276	-1.41388	0.0242547	1.8009	1.8009	0.833586	1.04716	1.04716	0.0857115	0.659676	-1.5159	2.56479	1.94874	0.675383	1
cg20784841	CFHR4	0.0996809	0.576671	0.787041	-1.27058	0.222849	0.580481	-1.72271	0.0326622	2.8905	2.8905	0.418612	1.4204	1.4204	0.5446	0.77076	-1.29742	0.752462	0.874284	-1.14379	0.0251147	0.322654	-3.09929	0.351316	1.50276	1.50276	0.169878	1.86041	1.86041	2.56477	7.3237	2.53822	1
cg01798589	STAC	0.099681	0.03691	0.344977	-2.89874	0.728734	0.858227	-1.16519	0.495066	0.737694	-1.35558	0.102402	0.456178	-2.19213	0.319259	0.636363	-1.57143	0.866588	0.928827	-1.07663	0.00830344	0.227249	-4.40046	0.0635187	0.400046	-2.49972	0.0852855	0.433697	-2.30575	2.56477	7.83284	2.71468	1
cg08824343	INPP5A	0.099685	0.46708	0.833808	-1.19932	0.0446599	0.567697	-1.7615	0.156934	0.689484	-1.45036	0.115474	1.52239	1.52239	0.153631	1.4553	1.4553	0.944047	1.01739	1.01739	0.0364647	1.81686	1.81686	0.84464	0.952956	-1.04937	0.686246	0.905072	-1.10488	2.56472	2.45025	0.849213	1
cg19689368	FAM180A	0.0996854	0.0752517	0.252986	-3.95279	0.466643	0.59809	-1.67199	0.375964	0.532338	-1.8785	0.382231	0.536967	-1.86231	0.0504849	0.212941	-4.69614	0.202236	0.392877	-2.54532	0.0124255	0.115459	-8.66105	0.0158852	0.128802	-7.76386	0.320078	0.490206	-2.03996	2.56472	19.5578	6.77842	1
cg04084088	RGS9BP	0.0996855	0.731952	1.22533	1.22533	0.618809	1.34507	1.34507	0.169403	2.37542	2.37542	0.663242	1.29557	1.29557	0.198183	0.447644	-2.23392	0.553534	1.42507	1.42507	0.340255	0.559411	-1.7876	0.00416798	9.67293	9.67293	0.800598	0.861071	-1.16135	2.56472	14.1886	4.91754	1
cg09739890	NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1;ATP6V1G2;NFKBIL1	0.0996861	0.135442	0.766082	-1.30534	0.0658773	1.40737	1.40737	0.0721624	1.3942	1.3942	0.799801	0.958793	-1.04298	0.297672	0.836294	-1.19575	0.593181	1.0934	1.0934	0.0251472	0.643392	-1.55426	0.832951	1.03559	1.03559	0.85428	0.970015	-1.03091	2.56471	1.1138	0.386024	1
cg12354122	ALDH1A3	0.0996873	0.456162	1.62856	1.62856	0.725234	0.797112	-1.25453	0.18277	0.403125	-2.48062	0.974314	0.979523	-1.0209	0.764105	1.21337	1.21337	0.206179	2.35577	2.35577	0.0387014	4.65754	4.65754	0.00974212	8.17281	8.17281	0.214854	2.31411	2.31411	2.5647	16.773	5.8133	1
cg00686926	GRK7	0.0996889	0.0338996	0.231947	-4.31134	0.0468679	0.261207	-3.82838	0.0464894	0.260432	-3.83977	0.686034	0.786799	-1.27097	0.0189947	0.187185	-5.34231	0.181016	0.4326	-2.3116	0.358322	0.572739	-1.746	0.0819709	0.320736	-3.11783	0.121251	0.371095	-2.69473	2.56468	14.1406	4.90097	1
cg14029903	KIAA1688	0.0996902	0.594742	1.09395	1.09395	0.101	1.35037	1.35037	0.10323	0.74225	-1.34726	0.920708	1.01679	1.01679	0.145866	1.29839	1.29839	0.0551925	1.43841	1.43841	0.0426108	1.47758	1.47758	0.200096	0.797426	-1.25404	0.956853	1.00909	1.00909	2.56467	1.1361	0.393762	1
cg11761176	COL11A2;COL11A2;COL11A2	0.0996906	0.477161	0.767814	-1.3024	0.872101	0.942808	-1.06066	0.198426	0.60847	-1.64347	0.272534	0.658719	-1.5181	0.00466619	0.252814	-3.95548	0.112626	0.531899	-1.88006	0.0281937	0.387782	-2.57877	0.29925	0.674855	-1.4818	0.628672	0.836837	-1.19498	2.56466	5.42723	1.88103	1
cg08266852	UBE2E3;UBE2E3	0.0996915	0.125121	0.579815	-1.72469	0.0761619	0.523151	-1.91149	0.0300278	0.432581	-2.31171	0.684889	0.87463	-1.14334	0.101418	0.554961	-1.80193	0.713345	0.885902	-1.12879	0.0349712	0.446287	-2.24071	0.15504	1.64815	1.64815	0.617659	0.847693	-1.17967	2.56465	4.37888	1.51769	1
cg16836678	CAPN5	0.099692	0.102438	0.272666	-3.66749	0.0570566	0.208963	-4.78554	0.0295513	0.155191	-6.44366	0.2327	0.402528	-2.4843	0.0427694	0.183462	-5.45072	0.988682	0.989739	-1.01037	0.0212521	0.133522	-7.48938	0.3767	0.517048	-1.93406	0.113064	0.285349	-3.50448	2.56465	21.4766	7.44365	1
cg26585202	CCDC146	0.0996946	0.988439	0.997267	-1.00274	0.304376	0.818008	-1.22248	0.154888	0.750125	-1.33311	0.650663	1.08991	1.08991	0.853024	0.965582	-1.03565	0.275625	0.807197	-1.23885	0.00244544	0.451021	-2.21719	0.350282	0.833961	-1.1991	0.33152	0.827612	-1.2083	2.56462	1.44869	0.502113	1
cg24130476	CUL4A;CUL4A	0.0996951	0.0562458	0.27489	-3.63782	0.321199	0.542161	-1.84447	0.136771	0.383872	-2.60503	0.235813	0.476119	-2.10032	0.0338038	0.227554	-4.39456	0.0158737	0.17127	-5.83874	0.0556715	0.273845	-3.6517	0.821674	0.87385	-1.14436	0.071506	0.300543	-3.32731	2.56461	14.492	5.02291	1
cg26278699	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.0996952	0.417647	0.82027	-1.21911	0.0456805	0.578082	-1.72986	0.00494653	0.41054	-2.43582	0.329872	0.786221	-1.27191	0.720735	0.917721	-1.08966	0.0684	0.613836	-1.6291	0.240198	0.745167	-1.34198	0.110998	0.660128	-1.51486	0.25247	0.751318	-1.33099	2.56461	2.32395	0.805477	1
cg14620572	GPR144	0.0996971	0.0393605	10.7593	10.7593	0.252192	3.29419	3.29419	0.202537	3.82267	3.82267	0.328321	2.73358	2.73358	0.0940146	6.26601	6.26601	0.735855	1.40139	1.40139	0.307616	0.349032	-2.86506	0.0233711	14.8829	14.8829	0.0369682	11.1856	11.1856	2.56459	40.3488	13.9849	1
cg20024757	TRAPPC9;TRAPPC9	0.0996988	0.0536218	0.285566	-3.50182	0.285721	0.530447	-1.8852	0.202905	0.46363	-2.15689	0.926789	1.05396	1.05396	0.00683385	0.134859	-7.41517	0.0776488	0.325798	-3.06939	0.659089	1.28903	1.28903	0.89131	1.08132	1.08132	0.207073	0.467263	-2.14012	2.56457	13.2822	4.60364	1
cg11842965	NAA15	0.0997013	0.350703	0.832826	-1.20073	0.0111834	1.83217	1.83217	0.156562	0.749307	-1.33457	0.231962	0.787611	-1.26966	0.370552	0.839358	-1.19139	0.971368	0.993188	-1.00686	0.523442	0.88413	-1.13106	0.664149	0.920167	-1.08676	0.102369	1.40556	1.40556	2.56454	1.47319	0.510618	1
cg21244116	EHMT1	0.0997017	0.597382	0.91242	-1.09599	0.0506734	0.681876	-1.46654	0.0859832	1.38578	1.38578	0.0429267	1.49275	1.49275	0.598223	1.09575	1.09575	0.526114	1.11679	1.11679	0.0436569	1.49007	1.49007	0.302613	1.20156	1.20156	0.446873	1.14261	1.14261	2.56454	1.20101	0.416278	1
cg02460371	MRPS21;MRPS21;MRPS21	0.0997018	0.103185	1.742	1.742	0.0355584	0.466787	-2.1423	0.151039	0.619323	-1.61467	0.0798356	1.8317	1.8317	0.308518	1.38844	1.38844	0.167624	1.58085	1.58085	0.814998	0.929618	-1.07571	0.681578	0.879448	-1.13708	0.310797	1.38615	1.38615	2.56454	3.9379	1.36491	1
cg27585533	FAM178A;FAM178A	0.0997023	0.823904	1.12339	1.12339	0.0144948	4.81876	4.81876	0.0486919	3.23953	3.23953	0.977747	1.01467	1.01467	0.761361	1.17236	1.17236	0.369953	1.61716	1.61716	0.534647	1.38859	1.38859	0.00987421	5.48567	5.48567	0.519106	1.40665	1.40665	2.56453	11.0698	3.8369	1
cg02948862	CBFA2T3	0.0997026	0.306662	1.57992	1.57992	0.896109	0.945105	-1.05808	0.685941	0.83888	-1.19207	0.14249	0.505952	-1.97647	0.00355426	0.181355	-5.51404	0.63864	1.22681	1.22681	0.428963	0.70542	-1.4176	0.441518	0.712359	-1.40379	0.216426	0.569985	-1.75443	2.56453	7.58601	2.62938	1
cg00832517	C14orf126	0.0997031	0.714034	0.903328	-1.10702	0.806957	0.934607	-1.06997	0.755225	1.09023	1.09023	0.561528	1.17605	1.17605	0.181121	0.675561	-1.48025	0.32224	1.32641	1.32641	0.00298098	0.324472	-3.08193	0.858855	1.0504	1.0504	0.896589	1.03657	1.03657	2.56452	3.09949	1.07431	1
cg14367396	C9orf167	0.0997034	0.35979	0.862337	-1.15964	0.482808	0.893865	-1.11874	0.14048	0.779242	-1.2833	0.379982	0.867909	-1.15219	0.81234	1.03812	1.03812	0.514304	1.10963	1.10963	0.00490665	1.79743	1.79743	0.588022	0.917561	-1.08985	0.735165	0.947994	-1.05486	2.56452	1.00505	0.348362	1
cg03432716	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.0997053	0.882021	0.977473	-1.02305	0.00826891	1.67886	1.67886	0.284226	1.18611	1.18611	0.588206	0.91955	-1.08749	0.573072	1.09129	1.09129	0.412148	0.879279	-1.13729	0.0722864	0.735103	-1.36035	0.437386	0.88555	-1.12924	0.362581	0.866259	-1.15439	2.5645	0.956075	0.331388	1
cg12090885	GSK3B;GSK3B	0.0997063	0.427831	1.24963	1.24963	0.00793987	2.55234	2.55234	0.104608	1.62957	1.62957	0.276008	1.36607	1.36607	0.0768899	1.71868	1.71868	0.499726	1.20755	1.20755	0.578196	0.856741	-1.16721	0.102155	1.63631	1.63631	0.0582926	1.80225	1.80225	2.56449	3.07784	1.06683	1
cg05265747	C7orf20	0.0997073	0.854782	0.94908	-1.05365	0.275558	0.72356	-1.38206	0.0828555	0.578188	-1.72954	0.485257	0.816857	-1.22421	0.0729792	0.565251	-1.76913	0.0325256	0.489766	-2.04179	0.0065238	0.364836	-2.74095	0.238089	0.702915	-1.42265	0.452889	0.80402	-1.24375	2.56448	3.30504	1.14558	1
cg16091543	C12orf65;C12orf65;C12orf65	0.0997131	0.271454	0.800829	-1.24871	0.0714821	1.47772	1.47772	0.220327	1.28404	1.28404	0.0791501	0.685124	-1.45959	0.0432901	0.637004	-1.56985	0.580691	0.897411	-1.11432	0.447617	1.16202	1.16202	0.107089	0.710869	-1.40673	0.952352	1.01166	1.01166	2.56441	1.52869	0.529883	1
cg24789138	C15orf33	0.0997166	0.0930766	0.302285	-3.30814	0.125563	0.341813	-2.92558	0.0428169	0.22098	-4.52531	0.0327311	0.198319	-5.04237	0.0387619	0.212308	-4.71015	0.0425616	0.220448	-4.53621	0.0736577	0.274917	-3.63747	0.350111	0.53644	-1.86414	0.101068	0.312619	-3.19878	2.56437	17.0305	5.90328	1
cg18813353	AMN1;AMN1	0.0997179	0.987668	0.995091	-1.00493	0.487608	0.798889	-1.25174	0.13661	0.600139	-1.66628	0.874812	0.95104	-1.05148	0.786757	0.917288	-1.09017	0.406789	0.763231	-1.31022	0.0019408	0.247597	-4.03883	0.394382	0.757486	-1.32016	0.99927	1.00029	1.00029	2.56436	4.11715	1.42714	1
cg05837769	EHBP1L1	0.0997196	0.016319	0.24676	-4.05252	0.180998	0.508234	-1.9676	0.697543	0.830179	-1.20456	0.109222	0.435042	-2.29863	0.031092	0.299425	-3.33973	0.0838575	0.401863	-2.48841	0.0268469	0.286617	-3.48897	0.207866	0.531083	-1.88294	0.355673	0.635868	-1.57265	2.56434	9.2232	3.19708	1
cg10665199	EXOC4;EXOC4	0.0997224	0.169055	0.653721	-1.52971	0.124302	1.62062	1.62062	0.187421	1.49979	1.49979	0.0943472	0.586538	-1.70492	0.0345769	0.489235	-2.04401	0.232141	0.695213	-1.43841	0.0212412	0.676761	-1.47763	0.784307	1.08285	1.08285	0.177403	0.659763	-1.51569	2.56431	3.41817	1.18487	1
cg08905166	C4orf14	0.0997247	0.803911	1.03334	1.03334	0.880238	1.02007	1.02007	0.232045	0.847714	-1.17964	0.426424	0.898485	-1.11298	0.0128894	0.665659	-1.50227	0.122724	0.802165	-1.24663	0.0120489	0.661851	-1.51091	0.84425	1.02627	1.02627	0.338816	0.878131	-1.13878	2.56428	0.705625	0.244599	1
cg04030492	ING2	0.0997252	0.807916	1.02427	1.02427	0.0643748	1.22702	1.22702	0.013434	1.35168	1.35168	0.688164	0.961058	-1.04052	0.118807	1.18138	1.18138	0.570644	1.05805	1.05805	0.123419	0.848494	-1.17856	0.287984	1.11472	1.11472	0.520269	0.937853	-1.06627	2.56428	0.39364	0.136453	1
cg00326902	ROS1	0.0997258	0.147881	0.699383	-1.42983	0.196666	0.730227	-1.36944	0.198808	0.731446	-1.36715	0.903794	1.02824	1.02824	0.0173477	0.513071	-1.94905	0.978664	0.99386	-1.00618	0.181315	0.7212	-1.38658	0.696435	1.0945	1.0945	0.0119464	0.485583	-2.05938	2.56427	2.15429	0.74677	1
cg19639831	13-Sep	0.0997262	0.302164	0.801535	-1.24761	0.58473	0.892066	-1.12099	0.0327345	1.67711	1.67711	0.552213	1.13254	1.13254	0.510865	1.148	1.148	0.28292	0.793809	-1.25976	0.0208107	0.562239	-1.7786	0.295948	0.799076	-1.25145	0.323512	1.23496	1.23496	2.56427	1.73959	0.603018	1
cg14917874	SH3BP4	0.0997262	0.778423	1.09656	1.09656	0.0736479	0.521185	-1.9187	0.222312	0.657632	-1.52061	0.470432	1.27117	1.27117	0.0251774	0.418943	-2.38696	0.614701	1.18041	1.18041	0.0612947	1.99176	1.99176	0.653518	0.862733	-1.15911	0.157137	0.609926	-1.63954	2.56427	4.33666	1.50328	1
cg12966376	NOTCH4	0.0997264	0.574258	0.723948	-1.38132	0.265604	0.516747	-1.93518	0.14789	0.413342	-2.4193	0.0723931	0.319505	-3.12985	0.012115	0.168661	-5.92907	0.0456859	0.271485	-3.68345	0.08148	0.333224	-3.00098	0.042269	0.264127	-3.78605	0.158227	0.423802	-2.35959	2.56427	13.1531	4.55945	1
cg08914561	RPAP3;RPAP3;RPAP3	0.0997284	0.00273187	0.222385	-4.4967	0.638796	1.18746	1.18746	0.264858	1.52549	1.52549	0.965833	0.984554	-1.01569	0.368835	0.715027	-1.39855	0.467921	0.764592	-1.30789	0.421758	0.742116	-1.3475	0.475949	0.768412	-1.30139	0.927188	1.03378	1.03378	2.56424	5.36385	1.85937	1
cg17707550	RGS17	0.0997317	0.0262553	0.205094	-4.87581	0.0184318	0.179384	-5.57464	0.144082	0.38941	-2.56799	0.274192	0.504699	-1.98138	0.0267127	0.206432	-4.84422	0.350849	0.56154	-1.78082	0.0637077	0.285716	-3.49998	0.198776	0.442151	-2.26167	0.177596	0.422708	-2.3657	2.56421	14.6679	5.08467	1
cg06060731	REEP1;REEP1;REEP1;REEP1	0.0997318	0.702338	1.12321	1.12321	0.00487068	3.09406	3.09406	0.206744	1.49623	1.49623	0.679793	1.13382	1.13382	0.675172	0.880261	-1.13603	0.194891	1.51424	1.51424	0.214323	0.673269	-1.48529	0.424731	1.27978	1.27978	0.406962	0.773601	-1.29266	2.56421	3.71879	1.28913	1
cg11528914	LCP2;LCP2	0.0997392	0.489633	0.776023	-1.28862	0.176839	1.67982	1.67982	0.055464	0.456454	-2.1908	0.0676484	0.477283	-2.09519	0.0904813	0.509692	-1.96197	0.716953	0.876742	-1.14059	0.0493934	0.444735	-2.24853	0.520983	1.26498	1.26498	0.0814259	0.49766	-2.0094	2.56412	5.30125	1.83775	1
cg23092086	CES7;CES7	0.0997417	0.419114	0.711896	-1.4047	0.878332	1.06509	1.06509	0.761334	0.882148	-1.1336	0.829359	0.914987	-1.09291	0.0141318	0.287486	-3.47843	0.02954	0.348269	-2.87134	0.0243475	0.331343	-3.01802	0.8704	0.934998	-1.06952	0.122527	0.502165	-1.99138	2.5641	6.88088	2.38538	1
cg23306542	RRS1	0.0997428	0.0264748	0.522313	-1.91456	0.509237	1.17973	1.17973	0.162367	1.44518	1.44518	0.0373998	1.81536	1.81536	0.929439	0.978373	-1.0221	0.943218	1.01774	1.01774	0.971437	0.9912	-1.00888	0.0833517	0.623011	-1.60511	0.523514	0.852482	-1.17305	2.56408	2.47482	0.857943	1
cg16662139	HIST1H2BN;HIST1H2AK	0.0997442	0.494129	1.16992	1.16992	0.164562	0.715232	-1.39815	0.568847	1.139	1.139	0.00738761	0.458349	-2.18174	0.0644728	1.59912	1.59912	0.727958	1.08212	1.08212	0.737142	0.92669	-1.07911	0.693622	0.914401	-1.09361	0.653944	0.903043	-1.10737	2.56407	2.07441	0.719138	1
cg04293703	TNXB;TNXA	0.0997442	0.0305678	0.298599	-3.34897	0.0691755	0.380182	-2.63032	0.178704	0.506849	-1.97297	0.558473	0.754691	-1.32505	0.0152795	0.242521	-4.12335	0.313588	0.609121	-1.64171	0.022889	0.273941	-3.65043	0.699412	0.831484	-1.20267	0.281631	0.5873	-1.70271	2.56407	9.18732	3.18498	1
cg25190573	ACSL1;SLED1	0.0997453	0.174833	0.633826	-1.57772	0.0347553	0.459498	-2.17629	0.148403	0.612743	-1.632	0.347926	1.35711	1.35711	0.0266515	2.29328	2.29328	0.575621	0.836355	-1.19566	0.471753	1.26023	1.26023	0.586067	0.840517	-1.18974	0.509406	0.809395	-1.23549	2.56406	4.05426	1.4055	1
cg14148944	MIR191;NDUFAF3;NDUFAF3;NDUFAF3;NDUFAF3;NDUFAF3;MIR425;NDUFAF3;DALRD3	0.0997467	0.282668	0.824582	-1.21274	0.0638866	1.43312	1.43312	0.188671	1.27205	1.27205	0.0628549	1.43563	1.43563	0.378458	1.16897	1.16897	0.854924	0.968872	-1.03213	0.674535	0.929627	-1.0757	0.0244024	1.58947	1.58947	0.0614253	1.43919	1.43919	2.56404	1.21224	0.420255	1
cg16582517	BHLHE40	0.099748	0.0268477	0.152587	-6.55363	0.228904	0.404421	-2.47267	0.0382186	0.178686	-5.5964	0.0466058	0.195196	-5.12307	0.0247128	0.14701	-6.80225	0.124068	0.302992	-3.30042	0.128267	0.307654	-3.2504	0.228623	0.404178	-2.47415	0.117183	0.295183	-3.38773	2.56403	20.8743	7.23663	1
cg20257866	WISP1;WISP1	0.0997514	0.187855	0.554249	-1.80424	0.0570549	0.402344	-2.48544	0.348326	0.664785	-1.50425	0.513445	0.755606	-1.32344	0.0384473	0.362722	-2.75693	0.327288	0.652063	-1.53359	0.0162622	0.288627	-3.46468	0.0175795	0.294739	-3.39284	0.334963	0.656747	-1.52266	2.56399	7.26099	2.51726	1
cg08200835	KIAA1324L;KIAA1324L;KIAA1324L	0.0997528	0.0885662	4.21151	4.21151	0.0213963	8.29687	8.29687	0.119983	3.6361	3.6361	0.139525	3.37662	3.37662	0.137751	3.39801	3.39801	0.116064	3.69545	3.69545	0.0206623	8.43788	8.43788	0.0645814	4.89788	4.89788	0.105019	3.87932	3.87932	2.56397	23.7834	8.24534	1
cg11446693	MZF1;MZF1;LOC100131691	0.0997531	0.178836	0.447157	-2.23635	0.960826	1.02807	1.02807	0.116231	2.6169	2.6169	0.676014	1.26725	1.26725	0.0227712	0.215249	-4.64577	0.169791	0.438628	-2.27984	0.0578274	3.34896	3.34896	0.519195	0.691948	-1.4452	0.975412	0.982782	-1.01752	2.56397	12.8962	4.47091	1
cg11953913	C5orf32	0.0997551	0.147688	0.616218	-1.6228	0.282111	0.705823	-1.41679	0.070247	0.532187	-1.87904	0.467609	0.794237	-1.25907	0.0203857	0.418421	-2.38994	0.634347	1.16107	1.16107	0.782293	1.09018	1.09018	0.568519	0.83557	-1.19679	0.012447	0.379317	-2.63632	2.56395	3.94506	1.3677	1
cg26915924	ABAT;ABAT;ABAT	0.0997565	0.328505	0.603235	-1.65773	0.448057	1.47329	1.47329	0.152256	2.15666	2.15666	0.905663	1.06122	1.06122	0.106883	0.413878	-2.41617	0.178065	0.488123	-2.04866	0.0126748	0.211655	-4.72468	0.0969533	0.401298	-2.49191	0.479349	0.697407	-1.43388	2.56393	10.1991	3.53594	1
cg08360457	MIR1289-2;FSTL4	0.0997586	0.133147	1.56678	1.56678	0.840897	1.05729	1.05729	0.722724	1.10378	1.10378	0.0883287	1.68397	1.68397	0.480195	0.819634	-1.22006	0.379389	1.28392	1.28392	0.0649272	0.563018	-1.77614	0.0225327	2.13231	2.13231	0.344296	0.763396	-1.30994	2.56391	3.11896	1.08132	1
cg18443806	IFI27;IFI27	0.0997595	0.271887	0.454853	-2.19851	0.643332	0.725295	-1.37875	0.781677	0.82584	-1.21089	0.668466	0.743236	-1.34547	0.781308	0.825564	-1.21129	0.338536	0.50686	-1.97293	0.0899355	3.62346	3.62346	0.00478463	0.0758259	-13.1881	0.515867	1.57425	1.57425	2.5639	19.2648	6.67899	1
cg02577909	BRD3	0.0997654	0.349027	1.34057	1.34057	0.0280993	2.20017	2.20017	0.0346903	2.11398	2.11398	0.0348563	2.11207	2.11207	0.358973	0.750691	-1.33211	0.109556	1.69961	1.69961	0.939151	1.02348	1.02348	0.299638	1.38652	1.38652	0.123693	1.66016	1.66016	2.56383	3.75312	1.30122	1
cg04787211	VPS16;FAM113A;VPS16;FAM113A	0.099766	0.576085	0.768187	-1.30177	0.399621	0.668598	-1.49567	0.211466	0.54086	-1.84891	0.940145	1.03568	1.03568	0.0357862	0.319655	-3.12838	0.396629	0.666806	-1.49969	0.00602122	0.187231	-5.34099	0.437105	1.44788	1.44788	0.148356	0.484888	-2.06233	2.56383	8.85082	3.06861	1
cg10324224	TTC13;TTC13;ARV1	0.0997686	0.0172035	0.119649	-8.35781	0.748816	0.790589	-1.26488	0.201804	0.373126	-2.68006	0.0926146	0.2583	-3.87146	0.0131232	0.105415	-9.48628	0.107153	0.276282	-3.61948	0.115109	0.285622	-3.50113	0.430771	0.555331	-1.80073	0.115923	0.28656	-3.48967	2.5638	21.7229	7.53151	1
cg04427437	CNTN4;CNTN4;CNTN4;CNTN4	0.0997732	0.965009	0.987362	-1.0128	0.804961	0.930782	-1.07437	0.0159668	0.425126	-2.35224	0.0680637	0.55299	-1.80835	0.142085	0.632803	-1.58027	0.186839	0.666534	-1.5003	0.813923	0.933926	-1.07075	0.0318618	0.482284	-2.07347	0.0388979	0.499968	-2.00013	2.56375	3.41301	1.18334	1
cg05191006	NQO1;NQO1;NQO1	0.0997738	0.384371	0.568329	-1.75954	0.0376637	4.60663	4.60663	0.0662943	3.68743	3.68743	?	?	?	?	?	?	0.306035	1.95701	1.95701	0.640117	0.742063	-1.34759	0.114929	0.337559	-2.96244	0.451214	0.614888	-1.62631	2.62679	12.9873	5.6505	1
cg06233503	KCNQ1;KCNQ1	0.0997741	0.0443297	3.14043	3.14043	0.35895	1.59573	1.59573	0.105642	2.4007	2.4007	0.278445	1.74777	1.74777	0.474596	1.4337	1.4337	0.203925	1.94312	1.94312	0.956486	0.973329	-1.0274	0.00923908	5.13924	5.13924	0.0294268	3.5634	3.5634	2.56374	9.96653	3.45555	1
cg05861971	NPAS2	0.0997756	0.276678	1.39061	1.39061	0.446171	0.797473	-1.25396	0.940917	0.978629	-1.02184	0.63088	0.868411	-1.15153	0.365694	0.762726	-1.31109	0.711717	0.897468	-1.11425	0.00908835	0.380588	-2.62751	0.0185881	0.435324	-2.29714	0.677092	1.12981	1.12981	2.56372	3.44865	1.19571	1
cg03512098	KCNQ1;KCNQ1	0.0997761	0.770827	1.30135	1.30135	0.0562019	7.02932	7.02932	0.896591	1.12441	1.12441	0.997495	0.997173	-1.00284	0.0440169	0.124066	-8.0602	0.941686	0.936155	-1.0682	0.0122705	0.0600266	-16.6593	0.767335	0.765246	-1.30677	0.823105	1.22374	1.22374	2.56372	33.0203	11.4488	1
cg22528270	PRKAG2;PRKAG2	0.0997765	0.201431	0.371261	-2.69352	0.0135418	9.43454	9.43454	0.33595	2.07242	2.07242	0.245562	0.409822	-2.44008	0.56137	0.649645	-1.5393	0.83448	0.857543	-1.16612	0.11592	3.50791	3.50791	0.179895	2.84651	2.84651	0.3332	0.4804	-2.0816	2.56371	21.9033	7.59432	1
cg12793305	RRAGC	0.0997777	0.493871	1.09149	1.09149	0.981502	0.997083	-1.00293	0.993171	1.00108	1.00108	0.09801	1.25696	1.25696	0.54356	0.925454	-1.08055	0.425078	1.10809	1.10809	0.0175447	0.694761	-1.43934	0.0690642	1.29217	1.29217	0.117384	1.23899	1.23899	2.5637	0.644635	0.223509	1
cg26226408	LOC646982;LOC646982;LOC646982	0.0997789	0.0428718	0.492724	-2.02953	0.686818	1.13099	1.13099	0.22492	0.679014	-1.47272	0.335726	0.739726	-1.35185	0.00785416	0.354892	-2.81776	0.589594	1.17986	1.17986	0.428945	1.27793	1.27793	0.519571	1.21929	1.21929	0.485548	0.806361	-1.24014	2.56368	3.74509	1.29851	1
cg15173741	ANK1;ANK1;ANK1;ANK1;ANK1	0.0997819	0.220039	1.36844	1.36844	0.957029	0.986979	-1.01319	0.392122	0.807948	-1.2377	0.134051	1.48147	1.48147	0.725094	0.917704	-1.08968	0.317688	1.28561	1.28561	0.00368094	2.5986	2.5986	0.256397	1.33397	1.33397	0.631859	1.12459	1.12459	2.56365	2.40229	0.832942	1
cg19895503	TTL	0.0997821	0.0685961	1.49724	1.49724	0.973736	0.993503	-1.00654	0.246828	1.27096	1.27096	0.383163	1.19371	1.19371	0.301388	1.23616	1.23616	0.784919	0.947275	-1.05566	0.00866814	0.515569	-1.9396	0.938193	0.984762	-1.01547	0.417527	0.848706	-1.17826	2.56365	1.59177	0.551911	1
cg00349413	PDK2	0.0997832	0.081784	0.848845	-1.17807	0.111445	0.863021	-1.15872	0.142559	0.874655	-1.14331	0.850274	0.984071	-1.01619	0.232173	0.899005	-1.11234	0.185813	0.887631	-1.12659	0.22001	1.11581	1.11581	0.177465	1.12951	1.12951	0.0836388	1.17667	1.17667	2.56364	0.293136	0.101639	1
cg19003884	PRDM13	0.0997837	0.165576	0.258838	-3.86341	0.551997	0.576997	-1.73311	0.0249367	11.459	11.459	0.718249	1.39255	1.39255	0.203874	0.293593	-3.40608	0.0925448	5.42928	5.42928	0.0652934	6.62669	6.62669	0.373934	2.30278	2.30278	0.629524	0.641314	-1.5593	2.56363	33.9132	11.7587	1
cg03358373	LIMK1	0.0997877	0.822165	0.909795	-1.09915	0.932965	1.03596	1.03596	0.527111	1.30878	1.30878	0.793219	0.895546	-1.11664	0.565669	0.783601	-1.27616	0.0137798	0.278441	-3.59142	0.00772323	0.237614	-4.2085	0.754235	0.876445	-1.14097	0.737541	1.1517	1.1517	2.56359	7.1601	2.48267	1
cg04073204	CANX;MAML1;CANX	0.0997905	0.431573	1.31889	1.31889	0.0156722	0.360079	-2.77717	0.970635	1.01277	1.01277	0.623138	1.18624	1.18624	0.0235814	0.393669	-2.54021	0.748247	1.11744	1.11744	0.0583321	0.478218	-2.0911	0.940136	1.02624	1.02624	0.630046	0.845903	-1.18217	2.56356	4.82754	1.67391	1
cg08546229	HK1;HK1;HK1;HK1;HK1	0.099795	0.291868	0.815046	-1.22692	0.0157791	1.73866	1.73866	0.0372113	1.57188	1.57188	0.327719	0.82785	-1.20795	0.818713	0.957977	-1.04387	0.345579	0.833893	-1.19919	0.378096	1.18425	1.18425	0.632343	0.913806	-1.09432	0.386489	0.847042	-1.18058	2.56351	1.41973	0.492287	1
cg01159097	QRICH2;QRICH2	0.0997954	0.893112	1.02529	1.02529	0.266546	1.23995	1.23995	0.669867	0.923415	-1.08294	0.155901	1.32585	1.32585	0.186361	0.770844	-1.29728	0.0376726	0.63896	-1.56504	0.524652	1.12725	1.12725	0.276313	0.810276	-1.23415	0.0230965	0.603681	-1.6565	2.5635	1.40137	0.485923	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11827910	PAX6;PAX6;PAX6	0.0997962	0.236256	2.94599	2.94599	0.00693953	20.9306	20.9306	0.0506799	6.94818	6.94818	0.968011	1.03553	1.03553	0.144144	3.91945	3.91945	0.164403	3.63821	3.63821	0.0995297	4.81461	4.81461	0.0776177	5.51535	5.51535	0.781014	1.27458	1.27458	2.56349	30.7704	10.6696	1
cg02883198	KIT;KIT	0.0997986	0.54538	0.859151	-1.16394	0.317547	1.29213	1.29213	0.197048	0.712982	-1.40256	0.776283	0.931768	-1.07323	0.457196	0.828769	-1.20661	0.372351	1.25507	1.25507	0.00437218	2.57094	2.57094	0.502193	0.844559	-1.18405	0.844083	1.05006	1.05006	2.56347	2.4982	0.866259	1
cg00569276	PADI2	0.0997987	0.597605	1.49597	1.49597	0.469388	0.573184	-1.74464	0.363657	0.493669	-2.02565	0.250441	2.47952	2.47952	0.130432	3.43855	3.43855	0.0367777	0.159732	-6.26048	0.0200605	8.34169	8.34169	0.55679	1.56733	1.56733	0.795018	1.21758	1.21758	2.56346	23.2118	8.04874	1
cg15572086	C1orf203;C1orf203;C1orf203;C1orf203;C1orf203	0.0998017	0.759791	0.937107	-1.06711	0.137999	0.712982	-1.40256	0.471124	0.856178	-1.16798	0.676148	0.91486	-1.09306	0.898086	1.02751	1.02751	0.294796	0.794418	-1.25878	0.00211417	0.400355	-2.49778	0.208699	0.755246	-1.32407	0.637738	0.904422	-1.10568	2.56343	1.82149	0.631615	1
cg26674966	CYFIP1	0.0998018	0.729544	0.866695	-1.15381	0.0260168	2.97138	2.97138	0.0356396	2.74023	2.74023	0.340356	1.49937	1.49937	0.262245	0.617629	-1.6191	0.266843	0.620725	-1.61102	0.800614	1.10995	1.10995	0.1367	1.93649	1.93649	0.310201	0.648654	-1.54165	2.56343	6.89867	2.39217	1
cg04269848	AGAP1;AGAP1	0.0998029	0.150985	0.527828	-1.89456	0.187579	1.78578	1.78578	0.799857	0.899892	-1.11125	0.560192	1.27709	1.27709	0.0217389	0.318618	-3.13856	0.883115	0.940746	-1.06299	0.0711369	0.433023	-2.30935	0.146742	1.90915	1.90915	0.202923	0.572308	-1.74731	2.56342	6.99878	2.42689	1
cg11741168	KIAA0101;KIAA0101	0.0998034	0.0191163	0.456119	-2.19241	0.103714	0.611084	-1.63644	0.538437	0.841632	-1.18817	0.163514	0.662574	-1.50926	0.0160719	0.442416	-2.26032	0.499164	0.827044	-1.20912	0.192739	0.682778	-1.46461	0.934075	1.02316	1.02316	0.340287	1.31263	1.31263	2.56341	3.11071	1.07867	1
cg14736058	PROM1;PROM1;PROM1	0.0998041	0.154468	2.64067	2.64067	0.020233	0.167987	-5.95283	0.89641	0.920363	-1.08653	0.112072	3.01105	3.01105	0.192005	0.414838	-2.41058	0.568653	1.44347	1.44347	0.594811	0.710346	-1.40776	0.0902522	0.304407	-3.28507	0.458117	1.61824	1.61824	2.5634	16.4782	5.71399	1
cg15300436	LOC730811;MYT1L	0.0998041	0.214712	0.453145	-2.2068	0.252252	0.484431	-2.06428	0.0526233	0.263088	-3.801	0.83482	0.881137	-1.1349	0.0216604	0.188091	-5.31658	0.138212	0.380104	-2.63086	0.0108826	0.144063	-6.9414	0.465803	0.637755	-1.568	0.116975	0.356277	-2.8068	2.5634	14.9106	5.1704	1
cg18568061	PTRF	0.099809	0.0284326	0.564881	-1.77029	0.166258	0.721818	-1.38539	0.0150857	0.517094	-1.93388	0.206103	1.34248	1.34248	?	?	?	0.970867	0.991968	-1.0081	0.89924	1.02837	1.02837	0.680903	0.912732	-1.09561	0.543729	0.873089	-1.14536	2.59152	1.77918	0.686539	1
cg13208562	IFNAR2;IFNAR2;IFNAR2	0.0998104	0.0328371	0.508761	-1.96556	0.442506	0.80899	-1.23611	0.0940436	0.607523	-1.64603	0.390832	0.788195	-1.26872	0.0213207	0.472831	-2.11492	0.0322099	0.507109	-1.97196	0.321861	0.75803	-1.31921	0.0408913	0.527908	-1.89427	0.129036	0.64145	-1.55897	2.56333	2.97486	1.03159	1
cg18011899	PTPRN2;PTPRN2;PTPRN2	0.0998116	0.320846	0.735046	-1.36046	0.828337	1.06734	1.06734	0.315387	0.732312	-1.36554	0.990487	1.00358	1.00358	0.00680512	0.349129	-2.86427	0.256601	0.700919	-1.4267	0.051723	0.514555	-1.94343	0.703419	1.12164	1.12164	0.054682	0.519918	-1.92338	2.56332	3.65644	1.26795	1
cg20553470	TRAPPC6B;TRAPPC6B	0.0998131	0.971459	0.992752	-1.0073	0.114965	0.705742	-1.41695	0.123848	0.712583	-1.40335	0.101715	1.43948	1.43948	0.0703089	0.66275	-1.50886	0.725245	1.07438	1.07438	0.024187	0.57899	-1.72715	0.418227	1.18316	1.18316	0.663967	0.914956	-1.09295	2.56331	1.67838	0.582018	1
cg02046143	IGSF9B	0.0998134	0.494267	1.37696	1.37696	0.00772244	4.84082	4.84082	0.0101026	4.46221	4.46221	0.748498	1.1598	1.1598	0.439711	1.43786	1.43786	0.276945	1.68388	1.68388	0.234486	1.7759	1.7759	0.288896	1.66087	1.66087	0.964504	1.02072	1.02072	2.5633	8.62157	2.98974	1
cg04303335	SEL1L	0.0998138	0.845641	1.04699	1.04699	0.265822	0.76098	-1.31409	0.455989	0.836227	-1.19585	0.753655	1.07698	1.07698	0.353595	0.798645	-1.25212	0.83648	0.95248	-1.04989	0.00311807	2.59173	2.59173	0.69406	1.0976	1.0976	0.573211	1.1435	1.1435	2.5633	2.25287	0.781241	1
cg06685007	HUNK	0.0998147	0.0725152	0.678672	-1.47347	0.326789	1.21632	1.21632	0.0949462	1.42613	1.42613	0.800378	0.952171	-1.05023	0.307763	0.815284	-1.22657	0.0298349	0.609895	-1.63963	0.207743	1.29298	1.29298	0.700201	1.07771	1.07771	0.246263	1.26434	1.26434	2.56329	1.51903	0.526764	1
cg14522718	SLC25A25;SLC25A25;SLC25A25;SLC25A25	0.0998176	0.66769	1.17711	1.17711	0.46652	1.3228	1.3228	0.0153036	3.07743	3.07743	0.432439	1.35319	1.35319	0.302647	0.668227	-1.4965	0.869802	0.939946	-1.06389	0.0497246	2.32827	2.32827	0.115586	1.90754	1.90754	0.158827	0.566321	-1.76578	2.56326	5.7865	2.00665	1
cg18520994	DGKD	0.0998176	0.035885	0.642795	-1.55571	0.0341649	0.639247	-1.56434	0.24309	1.24749	1.24749	0.217118	0.790502	-1.26502	0.861069	0.968785	-1.03222	0.0414296	0.653275	-1.53075	0.544234	0.894836	-1.11752	0.269709	0.812149	-1.2313	0.364229	1.18388	1.18388	2.56326	1.33046	0.461377	1
cg26761504	SEC1;DBP;DBP	0.099818	0.0692132	1.3203	1.3203	0.208918	0.8344	-1.19847	0.742625	1.04607	1.04607	0.4187	0.893202	-1.11957	0.0410415	1.38023	1.38023	0.161882	1.22648	1.22648	0.531111	0.916939	-1.09058	0.0277176	1.42714	1.42714	0.693204	1.05569	1.05569	2.56325	0.758401	0.263	1
cg16541222	EPB41L4A	0.0998234	0.888604	1.04086	1.04086	0.0333984	2.03474	2.03474	0.968356	1.0114	1.0114	0.839227	0.943602	-1.05977	0.320581	1.34081	1.34081	0.0821477	1.73387	1.73387	0.0131169	2.40871	2.40871	0.0500582	1.89363	1.89363	0.768248	0.919027	-1.08811	2.56319	3.31504	1.14962	1
cg11747695	COL4A2	0.0998242	0.419816	0.884579	-1.13048	0.0402733	0.702893	-1.42269	0.0116574	0.62559	-1.59849	0.617738	0.927871	-1.07774	0.199549	0.817367	-1.22344	0.183811	0.810744	-1.23344	0.388751	0.876841	-1.14046	0.0142255	0.637645	-1.56827	0.353066	0.867466	-1.15278	2.56318	0.898743	0.311676	1
cg11908294	KIAA0427;KIAA0427	0.0998248	0.135738	1.46069	1.46069	0.567726	1.14581	1.14581	0.00447272	2.4435	2.4435	0.561023	0.870639	-1.14858	0.669444	0.903744	-1.10651	0.188425	0.720053	-1.38879	0.831432	0.951004	-1.05152	0.850133	0.9564	-1.04559	0.744135	0.92572	-1.08024	2.56318	2.2547	0.781912	1
cg26053697	COL4A2	0.0998251	0.379677	1.38174	1.38174	0.0316883	0.405081	-2.46864	0.426864	0.747451	-1.33788	0.628551	0.839537	-1.19113	0.43077	1.33447	1.33447	0.0264434	0.388977	-2.57085	0.0749148	2.03741	2.03741	0.722698	1.13637	1.13637	0.585241	0.820592	-1.21863	2.56317	5.2259	1.8123	1
cg02875120	DTX1	0.0998292	0.362463	1.66882	1.66882	0.085014	2.83476	2.83476	0.0572888	3.24336	3.24336	0.387147	1.62416	1.62416	0.0958556	0.367622	-2.72018	0.364312	0.600474	-1.66535	0.0902713	0.360106	-2.77696	0.197788	2.10599	2.10599	0.600868	0.749161	-1.33483	2.56313	12.1515	4.21413	1
cg02206867	SETD1A	0.0998292	0.0052157	0.537669	-1.85988	0.79584	1.04462	1.04462	0.0839695	0.724758	-1.37977	0.135831	0.762924	-1.31075	0.625945	1.08622	1.08622	0.779231	0.953791	-1.04845	0.757169	1.0536	1.0536	0.371032	1.16723	1.16723	0.956931	1.00913	1.00913	2.56313	1.15052	0.398999	1
cg16174029	PCDHAC2;PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA	0.0998343	0.404803	1.22073	1.22073	0.297175	1.28775	1.28775	0.080509	1.57396	1.57396	0.956019	1.01299	1.01299	0.0570365	0.604204	-1.65507	0.378555	0.809457	-1.2354	0.877464	0.964541	-1.03676	0.0146269	2.0207	2.0207	0.8599	0.959504	-1.0422	2.56307	2.22249	0.770773	1
cg08806348	SAMD1	0.0998365	0.445064	0.863488	-1.15809	0.254247	1.25164	1.25164	0.0176535	1.72322	1.72322	0.978158	0.994852	-1.00517	0.784649	1.053	1.053	0.209369	0.779225	-1.28333	0.449288	1.15646	1.15646	0.0171133	1.72965	1.72965	0.362066	1.19319	1.19319	2.56305	1.44292	0.50042	1
cg18496271	NDUFS7	0.0998369	0.0476136	3.29924	3.29924	0.835517	1.11578	1.11578	0.52255	1.40702	1.40702	0.122451	2.41562	2.41562	0.0646336	2.98511	2.98511	0.0471428	3.30998	3.30998	0.026638	3.99189	3.99189	0.0870562	2.70644	2.70644	0.044393	3.37571	3.37571	2.56304	11.2702	3.90864	1
cg14186816	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.0998386	0.178197	2.71723	2.71723	0.172809	2.75591	2.75591	0.0326236	5.73878	5.73878	0.577155	1.48228	1.48228	0.498811	1.61572	1.61572	0.995127	0.995742	-1.00428	0.0138745	8.36761	8.36761	0.122002	0.309985	-3.22596	0.561065	1.50785	1.50785	2.56302	19.82	6.87384	1
cg14795119	MGA;MGA	0.0998398	0.401139	0.783214	-1.27679	0.0298941	2.06778	2.06778	0.00699192	2.69624	2.69624	0.933395	1.02405	1.02405	0.954768	0.984001	-1.01626	0.495258	1.21762	1.21762	0.528625	1.19903	1.19903	0.35253	1.31261	1.31261	0.112573	1.6342	1.6342	2.56301	3.28177	1.13816	1
cg05899224	SEC11C	0.0998423	0.45308	1.53585	1.53585	?	?	?	0.238823	1.99881	1.99881	0.222629	0.487015	-2.05333	0.232653	0.495288	-2.01903	0.214352	2.08311	2.08311	0.0193	0.204204	-4.89706	0.5198	1.44237	1.44237	0.134487	0.404171	-2.4742	2.59114	11.4959	4.43662	1
cg21981379	WTAP;WTAP;WTAP	0.0998451	0.557046	0.890737	-1.12267	0.857101	1.03574	1.03574	0.874038	1.03139	1.03139	0.0489168	0.645271	-1.54974	0.0490409	1.54926	1.54926	0.0671573	1.49139	1.49139	0.535382	1.13008	1.13008	0.44368	0.858863	-1.16433	0.058571	1.51633	1.51633	2.56295	1.54064	0.534328	1
cg15156844	DLGAP1	0.0998452	0.7947	1.05433	1.05433	0.0987436	0.692614	-1.44381	0.116112	1.41405	1.41405	0.969265	1.00785	1.00785	0.584577	0.894036	-1.11852	0.176699	0.747244	-1.33825	0.0107756	1.91541	1.91541	0.653834	1.0959	1.0959	0.494216	0.868626	-1.15124	2.56295	1.6708	0.57947	1
cg13800802	C9orf130	0.0998474	0.129184	0.400595	-2.49629	0.0137024	0.182544	-5.47814	0.0914306	0.354477	-2.82106	0.180815	0.452572	-2.20959	0.0845247	0.344862	-2.89971	0.183256	0.454817	-2.19868	0.0230566	0.219509	-4.55562	0.0686594	0.320758	-3.11762	0.423354	0.633651	-1.57816	2.56293	12.6366	4.38271	1
cg08222291	GAB1;GAB1	0.0998491	0.194956	1.38759	1.38759	0.102994	0.652982	-1.53143	0.115811	0.66469	-1.50446	0.959619	1.01217	1.01217	0.0264968	1.87484	1.87484	0.462265	1.19579	1.19579	0.055548	1.6794	1.6794	0.913569	1.02628	1.02628	0.626076	1.12449	1.12449	2.56291	2.31748	0.803766	1
cg17696379	DAK	0.099858	0.668748	0.828113	-1.20756	0.0181398	3.51565	3.51565	0.10995	2.14569	2.14569	0.124546	2.07236	2.07236	0.191758	0.545778	-1.83225	0.510185	0.746239	-1.34005	0.891223	1.06179	1.06179	0.0608789	2.52384	2.52384	0.664252	0.825831	-1.2109	2.56281	7.79336	2.70306	1
cg06016427	DCK	0.0998595	0.0926461	0.361378	-2.76719	0.0153584	0.194672	-5.13685	0.0133065	0.185073	-5.40329	0.682164	1.25418	1.25418	0.30522	0.557674	-1.79316	0.529175	0.704228	-1.41999	0.133007	0.410026	-2.43887	0.204702	0.478976	-2.08779	0.926861	0.950752	-1.0518	2.56279	12.28	4.25925	1
cg16031283	MED15;MED15	0.0998609	0.210042	0.885517	-1.12928	0.231913	1.12232	1.12232	0.253462	1.11602	1.11602	0.638132	0.957335	-1.04457	0.129506	0.860053	-1.16272	0.740614	1.03105	1.03105	0.131985	1.16142	1.16142	0.0238575	1.28167	1.28167	0.0880933	1.18914	1.18914	2.56278	0.343856	0.119265	1
cg04482075	SEPX1	0.0998613	0.633217	1.312	1.312	0.00556409	7.82295	7.82295	0.582367	1.36849	1.36849	0.248445	1.97674	1.97674	0.0770677	0.329439	-3.03546	0.863962	1.10171	1.10171	0.726554	0.820116	-1.21934	0.407763	1.61331	1.61331	0.541297	0.705197	-1.41804	2.56277	12.949	4.49133	1
cg19649259	FRAT2;FRAT2	0.0998617	0.530933	0.812225	-1.23119	0.0239409	0.413636	-2.41758	0.436892	0.771145	-1.29677	0.7277	0.891777	-1.12136	0.114257	0.569543	-1.75579	0.94641	0.978214	-1.02227	0.288145	1.43526	1.43526	0.120781	1.73557	1.73557	0.0674503	1.95697	1.95697	2.56277	4.35797	1.51155	1
cg16448890	CAV3;CAV3	0.0998617	0.0793207	0.436634	-2.29025	0.0477019	0.381637	-2.62029	0.535668	0.765796	-1.30583	0.344886	0.661075	-1.51269	0.0824987	0.441224	-2.26642	0.522854	0.759194	-1.31719	0.00639058	0.22099	-4.52508	0.631609	1.22815	1.22815	0.558101	0.777264	-1.28656	2.56277	7.34603	2.54795	1
cg15900797	MAEA;MAEA	0.0998621	0.112073	1.41748	1.41748	0.771075	0.942866	-1.0606	0.643355	1.09858	1.09858	0.648484	0.911606	-1.09697	0.76736	1.06164	1.06164	0.707065	1.0791	1.0791	0.00359604	2.21432	2.21432	0.397904	0.839847	-1.19069	0.196528	1.317	1.317	2.56276	1.65032	0.57241	1
cg12706662	SLC35B4	0.0998634	0.0664611	0.632238	-1.58168	0.26245	0.770833	-1.2973	0.249771	0.764954	-1.30727	0.801022	0.945298	-1.05787	0.159847	0.715652	-1.39733	0.0150545	0.513967	-1.94565	0.10896	1.47611	1.47611	0.83936	1.04625	1.04625	0.496137	1.16642	1.16642	2.56275	2.01414	0.698605	1
cg18322693	4-Mar	0.0998646	0.102411	0.360176	-2.77642	0.263781	0.513987	-1.94557	0.130395	0.39324	-2.54298	0.143412	0.407246	-2.45552	0.0109825	0.161503	-6.19184	0.683228	1.26416	1.26416	0.122034	0.383826	-2.60535	0.612105	1.33931	1.33931	0.0541515	0.28688	-3.48578	2.56274	13.2493	4.59555	1
cg05815958	MARK2;MARK2;MARK2;MARK2;MARK2;MARK2;MARK2;MARK2	0.0998648	0.107468	0.65744	-1.52105	0.129959	0.67672	-1.47771	0.251788	0.751401	-1.33085	0.876258	0.963483	-1.0379	0.00449252	0.404826	-2.4702	0.396269	0.812704	-1.23046	0.746983	1.08034	1.08034	0.35528	1.25485	1.25485	0.479828	0.84242	-1.18706	2.56273	2.31319	0.802334	1
cg12065406	QSOX1;FLJ23867;QSOX1	0.0998651	0.233399	0.719541	-1.38978	0.0135711	2.23591	2.23591	0.052733	1.78621	1.78621	0.988183	1.00391	1.00391	0.213582	0.708205	-1.41202	0.795951	1.07065	1.07065	0.284862	1.33997	1.33997	0.280785	0.744284	-1.34357	0.910821	1.02996	1.02996	2.56273	2.81681	0.977018	1
cg11249173	LOC221710;HERV-FRD	0.099866	0.300603	0.877865	-1.13913	?	?	?	0.772023	0.965506	-1.03573	0.655374	0.947137	-1.05581	0.6285	0.942747	-1.06073	0.213988	1.17268	1.17268	0.00479721	1.6055	1.6055	0.97672	1.00353	1.00353	0.724384	1.04372	1.04372	2.7533	0.553569	0.175924	1
cg18420708	EPHX3;EPHX3	0.0998664	0.766153	1.04281	1.04281	0.0943514	0.772235	-1.29494	0.536459	0.915779	-1.09197	0.580592	0.924561	-1.08159	0.597518	0.92785	-1.07776	0.153359	0.80664	-1.23971	0.00639331	1.64658	1.64658	0.906699	1.01662	1.01662	0.622166	0.93257	-1.07231	2.56272	0.801761	0.278094	1
cg18890864	IRF1;IRF1	0.0998738	0.134532	0.793792	-1.25978	0.808227	1.03542	1.03542	0.950911	1.00885	1.00885	0.00645721	0.60237	-1.66011	0.323008	0.864068	-1.15732	0.328873	0.865688	-1.15515	0.0242012	0.680715	-1.46904	0.590607	0.925217	-1.08083	0.777271	1.04143	1.04143	2.56263	0.831393	0.288381	1
cg21164232	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.099874	0.0970634	0.404581	-2.47169	0.0469472	0.323029	-3.0957	0.532023	1.36961	1.36961	0.177544	0.490648	-2.03812	0.0932646	0.399559	-2.50276	0.861288	0.916765	-1.09079	0.0183435	0.241198	-4.14597	0.126991	0.440374	-2.27079	0.0636146	0.354791	-2.81856	2.56263	10.0207	3.47584	1
cg20382160	UVRAG	0.0998771	0.623354	0.919386	-1.08768	0.0995317	1.35872	1.35872	0.397219	0.863123	-1.15858	0.197398	0.793444	-1.26033	0.890938	1.02357	1.02357	0.170214	1.2815	1.2815	0.0135517	1.68001	1.68001	0.0908437	1.37205	1.37205	0.397548	1.15846	1.15846	2.5626	1.1702	0.405906	1
cg15410253	KCNN1	0.0998779	0.671915	0.924842	-1.08127	0.00727751	0.529988	-1.88684	0.11332	0.729026	-1.37169	0.0750878	1.43841	1.43841	0.42392	0.86089	-1.16159	0.475039	0.875264	-1.14251	0.493839	1.13592	1.13592	0.699061	0.93123	-1.07385	0.801956	0.954952	-1.04717	2.56259	1.36527	0.473573	1
cg21345510	SMAD3	0.0998786	0.302282	1.37028	1.37028	0.620983	1.15827	1.15827	0.0102774	2.59457	2.59457	0.74571	0.908534	-1.10067	0.0445303	1.97401	1.97401	0.0487343	1.94168	1.94168	0.246818	1.42902	1.42902	0.803797	0.929249	-1.07614	0.506954	0.819987	-1.21953	2.56258	3.52677	1.22334	1
cg10367730	PRDX3;PRDX3	0.0998789	0.462076	0.817675	-1.22298	0.0472385	0.54312	-1.84121	0.383882	0.786577	-1.27133	0.486116	1.20959	1.20959	0.0746227	1.70569	1.70569	0.508973	1.19738	1.19738	0.01534	0.449273	-2.22582	0.734416	0.912511	-1.09588	0.810368	0.937411	-1.06677	2.56258	2.93396	1.01771	1
cg00391379	SHROOM2	0.0998794	0.179487	0.564542	-1.77135	0.0157453	0.305241	-3.2761	0.0352731	0.374114	-2.67298	0.568517	0.793648	-1.26	0.0384731	0.382307	-2.6157	0.605406	0.811404	-1.23243	0.762613	0.885611	-1.12916	0.774257	0.891086	-1.12223	0.252698	1.6146	1.6146	2.56257	6.52616	2.26375	1
cg05094216	MED12L;P2RY12	0.0998811	0.113	0.52913	-1.8899	0.294609	1.49348	1.49348	0.834539	0.925719	-1.08024	0.0383301	0.412437	-2.42461	0.624748	0.833678	-1.1995	0.289107	0.666275	-1.50088	0.0297462	2.57012	2.57012	0.235189	1.58266	1.58266	0.762363	0.894127	-1.11841	2.56255	5.52628	1.91694	1
cg20566450	PDZD2	0.0998863	0.588706	1.4267	1.4267	0.309701	0.504444	-1.98238	0.17432	0.390371	-2.56166	0.301098	2.00864	2.00864	0.369551	0.548882	-1.82189	0.376323	0.553779	-1.80577	0.0814005	0.284392	-3.51627	0.0127062	7.5071	7.5071	0.984841	0.987709	-1.01244	2.56249	17.197	5.96537	1
cg17852482	TBCD	0.0998874	0.412956	0.875446	-1.14227	0.00586582	0.56377	-1.77377	0.427011	0.87907	-1.13757	0.506599	1.11303	1.11303	0.856036	1.02928	1.02928	0.329816	0.852298	-1.1733	0.806342	1.03981	1.03981	0.697935	0.9399	-1.06394	0.0244447	0.653072	-1.53123	2.56248	1.02501	0.355562	1
cg13725172	ARMC2	0.099889	0.244371	0.522245	-1.91481	0.481899	0.682992	-1.46415	0.192939	2.08537	2.08537	0.412031	0.639293	-1.56423	0.0362672	0.272913	-3.66417	0.119562	0.406188	-2.46191	0.0186053	0.218307	-4.5807	0.0616319	0.325342	-3.07369	0.593836	0.750425	-1.33258	2.56247	11.5468	4.00546	1
cg23173307	CPLX1	0.099892	0.0267379	13.7938	13.7938	0.0852048	6.70354	6.70354	0.662202	1.55194	1.55194	0.15396	4.59974	4.59974	0.25659	0.306086	-3.26706	0.853769	0.831549	-1.20257	0.921343	1.10379	1.10379	0.0321018	12.3052	12.3052	0.0737687	7.33567	7.33567	2.56243	40.5664	14.0722	1
cg11724759	RPE65	0.0998922	0.069571	0.324269	-3.08386	0.0707428	0.326148	-3.06609	0.244189	0.508635	-1.96605	0.967746	0.977814	-1.02269	0.162376	0.437086	-2.28788	0.195978	0.468267	-2.13554	0.00617355	0.137823	-7.25571	0.0698424	0.324706	-3.07971	0.423161	0.635136	-1.57447	2.56243	12.494	4.33407	1
cg09773436	TTC30B	0.0998927	0.2324	1.76642	1.76642	0.0113306	4.22312	4.22312	0.0239226	3.40133	3.40133	0.695929	0.836575	-1.19535	0.229694	1.77285	1.77285	0.248832	0.578318	-1.72915	0.964391	0.979922	-1.02049	0.955581	0.975012	-1.02563	0.556051	1.31065	1.31065	2.56242	8.37646	2.90574	1
cg07078747	ALG10	0.0998948	0.074265	0.237397	-4.21235	0.63124	0.704938	-1.41856	0.00969796	0.0938746	-10.6525	0.970199	0.973352	-1.02738	0.717371	0.768882	-1.30059	0.0549346	0.20728	-4.82439	0.379947	0.521434	-1.91779	0.405759	1.84959	1.84959	0.06635	0.225641	-4.43183	2.5624	21.2135	7.35891	1
cg08030922	SNCA;SNCA;SNCA;SNCA	0.0998959	0.13715	0.306163	-3.26623	0.760483	1.25362	1.25362	0.635858	0.702855	-1.42277	0.749621	0.789229	-1.26706	0.0486148	0.189157	-5.28661	0.615736	0.687907	-1.45368	0.00359237	0.0542086	-18.4473	0.692962	0.745749	-1.34093	0.241141	0.403698	-2.4771	2.56239	22.1782	7.69359	1
cg22264813	WDR60	0.0998981	0.34507	0.728258	-1.37314	0.00511153	0.299296	-3.34117	0.0252312	0.419913	-2.38145	0.832061	0.9331	-1.0717	0.510471	0.804395	-1.24317	0.3561	0.733808	-1.36275	0.967825	0.986934	-1.01324	0.120788	0.577744	-1.73087	0.913757	1.03596	1.03596	2.56237	4.31478	1.4968	1
cg08722366	MECP2;MECP2	0.0999003	0.887992	0.906549	-1.10308	0.0426436	0.196951	-5.0774	0.189005	0.379551	-2.63469	0.680086	1.33463	1.33463	0.0747196	0.251068	-3.98298	0.467066	0.597381	-1.67397	0.279766	0.457377	-2.18638	0.0617397	4.32661	4.32661	0.143295	2.98913	2.98913	2.56234	19.6685	6.82311	1
cg23013958	AK3L1;AK3L1;AK3L1	0.0999031	0.679263	1.28017	1.28017	0.00713435	7.87939	7.87939	0.113812	2.77877	2.77877	0.322662	1.8347	1.8347	0.201425	0.448689	-2.22872	0.241446	2.07176	2.07176	0.110458	2.81031	2.81031	0.207872	2.20089	2.20089	0.212914	2.17988	2.17988	2.56231	14.3209	4.96804	1
cg05218882	NPHP3;NCRNA00119	0.0999033	0.966072	0.990135	-1.00996	0.365897	1.24175	1.24175	0.270661	0.765437	-1.30644	0.0535664	0.59992	-1.66689	0.120515	0.675375	-1.48066	0.0220065	1.89697	1.89697	0.649737	0.898923	-1.11244	0.398382	0.817483	-1.22327	0.169601	0.711054	-1.40636	2.56231	2.20447	0.764752	1
cg27534599	CECR1;CECR1;CECR1	0.0999039	0.4369	2.07344	2.07344	0.0263476	11.2662	11.2662	0.0388751	9.0138	9.0138	0.607614	1.60996	1.60996	0.218194	3.29008	3.29008	0.257507	2.96382	2.96382	0.0291149	10.6373	10.6373	0.0696178	6.46126	6.46126	0.0333251	9.84431	9.84431	2.5623	34.307	11.9014	1
cg00890649	KLHDC3	0.0999046	0.139798	0.516494	-1.93613	0.0960862	0.467685	-2.13819	0.101073	0.473932	-2.11001	0.647391	0.825716	-1.21107	0.0140077	0.283174	-3.5314	0.0948588	0.466113	-2.1454	0.0823495	0.44922	-2.22608	0.288086	1.58192	1.58192	0.915186	0.956667	-1.0453	2.56229	7.01752	2.43446	1
cg12138124	CAMTA1	0.0999086	0.314186	0.845513	-1.18271	0.0909972	1.35007	1.35007	0.591492	1.09127	1.09127	0.217042	0.81107	-1.23294	0.181238	0.79546	-1.25713	0.284196	0.835799	-1.19646	0.079193	1.36916	1.36916	0.193663	0.801125	-1.24824	0.0504646	0.698082	-1.4325	2.56225	1.0548	0.365929	1
cg12352896	NFATC1;NFATC1;NFATC1;NFATC1	0.0999094	0.371	1.62752	1.62752	0.535436	1.39482	1.39482	0.780969	0.862607	-1.15928	0.349041	1.66721	1.66721	0.0176801	0.216551	-4.61784	0.704337	1.22403	1.22403	0.0206937	4.38021	4.38021	0.578546	0.742647	-1.34654	0.286518	1.79829	1.79829	2.56224	11.4084	3.9578	1
cg20357023	TTC30B	0.0999125	0.0711803	0.751951	-1.32987	0.501302	0.907972	-1.10136	0.701781	1.05593	1.05593	0.0146039	0.653515	-1.53019	0.200241	0.825813	-1.21093	0.385587	0.881772	-1.13408	0.0834672	1.31129	1.31129	0.312759	0.862694	-1.15916	0.521738	1.0962	1.0962	2.5622	0.811924	0.281675	1
cg19874421	SLC4A4;SLC4A4;SLC4A4	0.0999126	0.643523	0.826039	-1.2106	0.582878	0.79656	-1.2554	0.95144	0.975334	-1.02529	0.0439963	0.387066	-2.58354	0.375399	0.688611	-1.4522	0.732267	0.868638	-1.15123	0.00618457	0.231249	-4.32433	0.180417	1.79195	1.79195	0.249122	0.610182	-1.63885	2.5622	6.82456	2.3676	1
cg06527816	ODZ3	0.0999178	0.454637	1.11042	1.11042	0.319564	0.868094	-1.15195	0.382029	1.13122	1.13122	0.00673555	1.62118	1.62118	0.0611485	0.748133	-1.33666	0.885684	1.01998	1.01998	0.721978	1.05036	1.05036	0.792557	0.964402	-1.03691	0.468633	1.10672	1.10672	2.56215	0.76744	0.266249	1
cg27512828	UVRAG	0.0999184	0.112207	1.3772	1.3772	0.0532931	1.50124	1.50124	0.0297999	1.60511	1.60511	0.20424	0.780405	-1.28139	0.576477	0.900842	-1.11007	0.0481735	1.51877	1.51877	0.224171	1.26656	1.26656	0.502196	1.13432	1.13432	0.266012	1.23923	1.23923	2.56214	1.38971	0.482137	1
cg04415434	CHCHD6	0.0999227	0.0809442	1.60678	1.60678	0.846584	1.04861	1.04861	0.0506462	1.72594	1.72594	0.0856544	1.59289	1.59289	0.56293	0.866468	-1.15411	0.191847	1.40296	1.40296	0.0502463	0.578695	-1.72803	0.163982	1.43902	1.43902	0.560548	1.15514	1.15514	2.56209	2.4369	0.845454	1
cg09256082	CTPS	0.0999231	0.970921	0.987985	-1.01216	0.0246695	0.411831	-2.42818	0.0115999	0.351181	-2.84754	0.180242	1.60302	1.60302	0.385551	0.744534	-1.34312	0.70931	0.883223	-1.13222	0.646384	0.857967	-1.16555	0.790361	1.09238	1.09238	0.168021	0.614332	-1.62778	2.56209	4.46223	1.54812	1
cg17510564	HDAC4	0.0999237	0.46183	1.18258	1.18258	0.0711862	0.63687	-1.57018	0.90624	1.02673	1.02673	0.0357216	1.72831	1.72831	0.373796	0.815148	-1.22677	0.88594	1.03265	1.03265	0.143694	1.4215	1.4215	0.26732	0.772052	-1.29525	0.0648497	0.628644	-1.59072	2.56208	2.03369	0.70557	1
cg22111118	CTDP1;CTDP1	0.0999252	0.702607	0.791651	-1.26318	0.216079	0.452546	-2.20972	0.0370795	0.228928	-4.36819	0.608558	1.3697	1.3697	0.00631071	0.114598	-8.72618	0.814052	0.866323	-1.1543	0.168955	0.409587	-2.44148	0.822018	0.871777	-1.14708	0.103888	0.338571	-2.95359	2.56207	15.0512	5.22191	1
cg22095507	DLC1;DLC1;DLC1	0.0999268	0.649929	0.903475	-1.10684	0.837841	0.955496	-1.04658	0.155843	1.40119	1.40119	0.100921	0.670913	-1.49051	0.610433	0.89213	-1.12091	0.931198	1.01937	1.01937	0.00565175	2.24056	2.24056	0.915006	0.976562	-1.024	0.397736	1.21211	1.21211	2.56205	2.00263	0.6948	1
cg17806952	B4GALT3	0.0999304	0.532047	1.17123	1.17123	0.0054577	0.401432	-2.49108	0.220689	0.725047	-1.37922	0.620074	1.13291	1.13291	0.298812	1.30855	1.30855	0.628567	0.885391	-1.12944	0.417761	1.22971	1.22971	0.280384	1.3234	1.3234	0.40139	0.806962	-1.23922	2.56201	2.53029	0.877884	1
cg07354506	CXXC5	0.0999307	0.0292051	0.2911	-3.43524	0.293791	0.592737	-1.68709	0.661266	0.80916	-1.23585	0.3366	0.621368	-1.60935	0.0600762	0.361076	-2.7695	0.231343	0.547191	-1.82751	0.0156554	0.240992	-4.14952	0.0231983	0.27161	-3.68174	0.280883	0.583741	-1.71309	2.562	9.3594	3.24725	1
ch.X.346519R	CNKSR2;CNKSR2;CNKSR2;CNKSR2	0.0999318	0.238478	0.62105	-1.61018	0.0198134	0.337769	-2.9606	0.132801	0.534874	-1.8696	0.136578	0.538607	-1.85664	0.0287824	0.369769	-2.70439	0.0174579	0.327477	-3.05365	0.150194	0.551522	-1.81316	0.270679	0.642451	-1.55654	0.614747	0.82218	-1.21628	2.56199	6.03976	2.09551	1
cg14873958	GPR133	0.0999322	0.0318964	1.98415	1.98415	0.0520751	1.82605	1.82605	0.294203	1.34509	1.34509	0.694253	1.11366	1.11366	0.237542	1.40097	1.40097	0.0843435	1.68252	1.68252	0.0201354	2.14645	2.14645	0.325918	1.31836	1.31836	0.317026	0.754383	-1.32559	2.56199	3.01282	1.04531	1
cg12633739	NDEL1;NDEL1	0.0999338	0.0639038	1.99024	1.99024	0.00553688	3.33568	3.33568	0.125393	1.73004	1.73004	0.189222	1.58348	1.58348	0.985168	1.00616	1.00616	0.157468	1.64801	1.64801	0.388269	1.3394	1.3394	0.0702279	1.95196	1.95196	0.205369	1.55511	1.55511	2.56197	4.43155	1.53755	1
cg24911934	RTTN	0.0999345	0.938498	1.01394	1.01394	0.531223	1.12055	1.12055	0.548077	0.896669	-1.11524	0.00336084	0.488722	-2.04615	0.304409	0.826245	-1.2103	?	?	?	0.885798	1.02612	1.02612	0.538433	1.11826	1.11826	0.711624	1.0689	1.0689	2.59009	1.17419	0.453341	1
cg08587480	FBXO44;FBXO44;FBXO44;FBXO2;FBXO44	0.0999369	0.337566	0.776192	-1.28834	0.81368	0.941291	-1.06237	0.0355633	0.534184	-1.87202	0.642378	0.88706	-1.12732	0.736696	1.09033	1.09033	0.0117373	0.446318	-2.24055	0.110654	0.640531	-1.56121	0.0635407	0.585901	-1.70677	0.489125	1.1973	1.1973	2.56194	2.66463	0.924519	1
cg11717189	INS-IGF2;IGF2;IGF2;IGF2	0.0999383	0.167566	0.367756	-2.7192	0.0615767	4.18676	4.18676	0.0543903	4.41219	4.41219	0.986113	1.01191	1.01191	0.23271	0.426984	-2.34201	0.360366	0.527576	-1.89546	0.0991567	3.41877	3.41877	0.373194	0.53705	-1.86202	0.230519	0.425113	-2.35232	2.56192	18.7636	6.51026	1
cg10859327	NCRNA00093;DNMBP	0.0999393	0.241258	0.713312	-1.40191	0.440399	0.80518	-1.24196	0.16298	0.663567	-1.50701	0.817084	0.938186	-1.06589	0.017344	0.45022	-2.22114	0.857604	1.05071	1.05071	0.0229479	2.11548	2.11548	0.624729	0.873041	-1.14542	0.973009	1.00936	1.00936	2.56191	3.07747	1.06777	1
cg26640895	DCK;DCK	0.0999402	0.398564	1.68758	1.68758	0.108894	2.88236	2.88236	0.0519746	3.81397	3.81397	0.789881	0.850698	-1.17551	0.493625	1.52334	1.52334	?	?	?	?	?	?	0.357733	1.77294	1.77294	0.0326743	0.220171	-4.54193	2.62484	11.8527	5.16067	1
cg11903920	TCERG1L	0.0999415	0.0747235	0.234766	-4.25956	0.396418	0.530487	-1.88506	0.465827	0.581705	-1.71909	0.124705	0.297189	-3.36486	0.0929995	0.259472	-3.85398	0.22372	0.393311	-2.54252	0.00588365	0.0720017	-13.8886	0.043401	0.183457	-5.45087	0.264012	0.427441	-2.33951	2.56188	21.6227	7.50237	1
cg11116798	KRTAP10-12;C21orf29	0.0999426	0.890442	0.958621	-1.04317	0.516138	1.22369	1.22369	0.874914	0.952844	-1.04949	0.807117	0.92774	-1.07789	0.89194	0.959179	-1.04256	0.515244	0.816837	-1.22423	0.375102	1.32198	1.32198	0.00212296	0.266009	-3.75927	0.868421	0.950431	-1.05215	2.56187	3.81478	1.32361	1
cg24131359	CPM	0.0999438	0.0790111	0.516207	-1.93721	0.142491	1.70662	1.70662	0.314576	0.702854	-1.42277	0.513766	0.798899	-1.25172	0.132961	0.577163	-1.73261	0.721492	1.12903	1.12903	0.107189	1.81523	1.81523	0.852444	1.06517	1.06517	0.0284947	0.416264	-2.40232	2.56186	4.66429	1.61837	1
cg26507657	RPA1	0.0999459	0.685492	1.29715	1.29715	0.195462	0.41689	-2.39872	0.0832506	0.293652	-3.4054	0.0973206	0.312649	-3.19848	0.0216613	0.17174	-5.82275	0.184177	0.406488	-2.46009	0.0171669	0.156325	-6.39695	0.745247	1.23162	1.23162	0.388181	0.568269	-1.75973	2.56184	16.5681	5.74868	1
cg07591622	AP1G2	0.0999467	0.996256	0.99881	-1.00119	0.253201	1.35379	1.35379	0.452247	1.21456	1.21456	0.0973464	0.630151	-1.58692	0.637895	0.886627	-1.12787	0.00986765	0.437049	-2.28807	0.490258	0.837042	-1.19468	0.946599	1.01715	1.01715	0.046935	0.561413	-1.78122	2.56183	2.61416	0.907048	1
cg12017057	TRIB3	0.0999481	0.270743	0.718696	-1.39141	0.604545	1.16241	1.16241	0.659423	0.880066	-1.13628	0.671989	1.13053	1.13053	0.00258918	0.300388	-3.32903	0.481313	0.813678	-1.22899	0.367249	1.30579	1.30579	0.779262	0.922247	-1.08431	0.603726	0.859983	-1.16281	2.56181	3.36681	1.16821	1
cg00702369	C12orf40	0.099949	0.078103	0.540465	-1.85026	0.44691	0.783735	-1.27594	0.199233	0.652869	-1.5317	0.620189	0.854672	-1.17004	0.00341825	0.286387	-3.49178	0.262341	0.692549	-1.44394	0.935554	0.974899	-1.02575	0.730474	0.896995	-1.11483	0.0788798	0.541517	-1.84666	2.5618	4.00908	1.39106	1
cg05827346	UBE2V1;UBE2V1;TMEM189-UBE2V1;UBE2V1	0.0999499	0.685206	0.94015	-1.06366	0.999336	0.999874	-1.00013	0.61132	0.925325	-1.0807	0.229665	0.826239	-1.2103	0.142141	0.787434	-1.26995	0.00280674	0.536061	-1.86546	0.0853305	0.749727	-1.33382	0.250482	0.833728	-1.19943	0.702183	0.94348	-1.05991	2.56179	0.930445	0.322845	1
cg02154448	OVGP1	0.0999518	0.332134	1.31549	1.31549	0.389643	1.27329	1.27329	0.0263602	0.485884	-2.0581	0.449438	1.2352	1.2352	0.710458	1.1076	1.1076	0.429185	1.24755	1.24755	0.0142784	2.28908	2.28908	0.366698	0.775578	-1.28936	0.987571	0.99574	-1.00428	2.56177	3.04739	1.05739	1
cg21607172	FAIM3;FAIM3;FAIM3	0.0999534	0.0810786	0.545499	-1.83318	0.0264747	2.28053	2.28053	0.320718	0.725067	-1.37918	0.193821	1.53848	1.53848	0.0777311	0.541011	-1.84839	0.765251	1.09837	1.09837	0.238905	1.47181	1.47181	0.475613	1.25522	1.25522	0.969138	0.98795	-1.0122	2.56175	3.98371	1.38229	1
cg16381917	PLBD2;PLBD2	0.099954	0.92517	1.03396	1.03396	0.0642171	2.09458	2.09458	0.0103691	3.15139	3.15139	0.0545555	2.17143	2.17143	0.688927	1.15381	1.15381	0.390003	1.36776	1.36776	0.181472	1.65587	1.65587	0.218928	0.631479	-1.58358	0.392211	1.36567	1.36567	2.56175	5.12847	1.7795	1
cg27562840	SLC13A2;SLC13A2;SLC13A2;SLC13A2	0.099954	0.279587	0.476201	-2.09995	0.0262763	0.175592	-5.695	0.0445686	0.218207	-4.5828	0.756764	0.814597	-1.2276	0.0219637	0.163016	-6.13437	0.437985	0.593234	-1.68568	0.0592375	0.2452	-4.07831	0.559279	1.47658	1.47658	0.181699	0.39231	-2.549	2.56175	17.6743	6.13274	1
cg05279284	DHRS1;C14orf21;DHRS1	0.0999549	?	?	?	0.0640144	5.27837	5.27837	0.0152226	11.2175	11.2175	?	?	?	?	?	?	0.961687	0.963006	-1.03842	?	?	?	0.988466	0.988721	-1.01141	0.419136	1.91542	1.91542	2.88399	15.2971	7.4258	1
cg13186327	DBX2	0.0999554	0.224232	0.497532	-2.00992	?	?	?	0.876211	1.08829	1.08829	0.711228	1.22376	1.22376	0.00650904	0.135015	-7.40657	0.907161	1.06536	1.06536	?	?	?	?	?	?	0.591516	0.744982	-1.34231	2.828	8.60793	3.55112	1
cg11872776	CCDC40	0.0999584	0.0198293	0.53498	-1.86923	0.239694	0.760487	-1.31495	0.0633034	0.628479	-1.59114	0.368062	0.81415	-1.22827	0.00882807	0.476442	-2.09889	0.481617	0.85294	-1.17242	0.388492	0.821561	-1.21719	0.33786	0.802742	-1.24573	0.0766819	0.645406	-1.54941	2.5617	2.00652	0.696245	1
cg04999026	TBX1;TBX1;TBX1	0.0999644	0.064929	12.7802	12.7802	0.0526686	14.9962	14.9962	0.262821	4.20004	4.20004	0.0705634	11.9913	11.9913	0.0671578	12.4543	12.4543	0.282825	3.94245	3.94245	0.77057	0.698048	-1.43257	0.0225113	28.7686	28.7686	0.0527209	14.9848	14.9848	2.56163	61.3057	21.2732	1
cg09569760	RNF130	0.0999652	0.258601	0.551089	-1.81459	0.04953	3.10443	3.10443	0.245134	1.84887	1.84887	0.270092	1.78697	1.78697	0.24367	0.539744	-1.85273	0.211105	0.513735	-1.94653	0.127685	0.434914	-2.29931	0.56684	1.33997	1.33997	0.0649806	0.3508	-2.85063	2.56162	10.3677	3.59762	1
cg24621354	TES	0.0999661	0.038735	7.1896	7.1896	0.572421	0.624946	-1.60014	0.460877	1.8565	1.8565	0.216458	0.342361	-2.9209	0.20903	0.335777	-2.97817	0.355859	0.457183	-2.18731	0.378538	0.474942	-2.10552	0.0222379	9.5684	9.5684	0.650339	0.686549	-1.45656	2.56161	27.5543	9.56146	1
cg08734125	SNRNP40;ZCCHC17	0.0999677	0.870069	1.03618	1.03618	0.188379	0.736929	-1.35698	0.768262	1.06627	1.06627	0.0278909	0.560346	-1.78461	0.074768	0.645214	-1.54987	0.237898	1.31036	1.31036	0.927332	0.980392	-1.02	0.0849899	0.657056	-1.52194	0.0340939	0.576872	-1.73349	2.72508	1.99095	0.568244	1
cg27038198	KIAA1324L	0.0999694	0.874155	1.10247	1.10247	0.048466	0.249686	-4.00503	0.224828	0.456261	-2.19173	0.116494	2.85699	2.85699	0.889186	1.08959	1.08959	0.497727	0.654621	-1.5276	0.476814	1.56086	1.56086	0.0233517	5.30038	5.30038	0.196885	2.31574	2.31574	2.56158	15.3686	5.33303	1
cg06350432	CLDN4	0.0999696	0.238846	1.91399	1.91399	0.0262599	4.0038	4.0038	0.0463692	3.32294	3.32294	0.365534	1.63113	1.63113	0.0625852	3.01263	3.01263	0.669493	1.25353	1.25353	0.0474168	3.29878	3.29878	0.0809925	2.76819	2.76819	0.0324247	3.7356	3.7356	2.56157	11.2356	3.89886	1
cg03313172	GABRB1	0.0999705	0.962193	0.983808	-1.01646	0.447332	1.30567	1.30567	0.145158	1.71394	1.71394	0.416042	0.751055	-1.33146	0.632455	0.847091	-1.18051	0.728824	1.12734	1.12734	0.0480193	0.459152	-2.17793	0.0117432	0.33823	-2.95657	0.175492	0.608877	-1.64237	2.56156	4.81169	1.6697	1
cg20870372	UBAC2;UBAC2;UBAC2	0.099972	0.035366	0.366613	-2.72767	0.0279657	0.345272	-2.89627	0.835171	1.08907	1.08907	0.453827	0.731626	-1.36682	0.0579144	0.41563	-2.40598	0.309536	0.650072	-1.53829	0.0986095	0.476285	-2.09958	0.264717	1.60971	1.60971	0.136896	0.518818	-1.92746	2.56155	6.80419	2.36114	1
cg05348689	CRAMP1L	0.0999725	0.00703653	0.497154	-2.01145	0.987205	1.00322	1.00322	0.365762	0.829947	-1.2049	0.96772	0.991916	-1.00815	0.702241	0.925846	-1.08009	0.587479	0.895951	-1.11613	0.238344	1.28111	1.28111	0.981962	1.00454	1.00454	0.0253995	0.586877	-1.70394	2.56154	1.63227	0.566418	1
cg26371705	MIRLET7A3;LOC400931	0.0999742	0.301785	1.77485	1.77485	0.0435532	3.47147	3.47147	0.0134389	5.16226	5.16226	0.249033	1.90814	1.90814	0.156696	0.443801	-2.25326	0.573463	0.737085	-1.3567	0.852616	1.10488	1.10488	0.137486	2.35797	2.35797	0.932772	1.04629	1.04629	2.56152	11.6673	4.04874	1
cg22164531	RGS18	0.0999745	0.345921	0.699736	-1.42911	0.036632	0.409326	-2.44304	0.0347067	0.404299	-2.47342	0.308955	0.678871	-1.47303	0.240923	0.63662	-1.5708	0.32378	0.687384	-1.45479	0.139135	1.79598	1.79598	0.922837	1.03628	1.03628	0.0375581	0.411671	-2.42912	2.56152	5.48926	1.90486	1
cg04073934	RGS12;RGS12;RGS12	0.0999754	0.557413	0.706619	-1.41519	0.00848077	0.139925	-7.14669	0.0324636	0.231023	-4.32857	0.422917	1.61455	1.61455	0.228614	0.477349	-2.0949	0.586113	0.724865	-1.37957	0.124902	0.378249	-2.64376	0.107904	0.35819	-2.79181	0.779457	0.848487	-1.17857	2.56151	13.896	4.82217	1
cg10587047	NOP14	0.0999764	0.470932	0.830561	-1.20401	0.704266	1.10135	1.10135	0.544837	1.16781	1.16781	0.719259	0.912679	-1.09568	0.00513255	0.392275	-2.54923	0.250061	0.737662	-1.35564	0.115638	1.54178	1.54178	0.248687	0.736951	-1.35694	0.805788	0.939548	-1.06434	2.5615	2.59957	0.902101	1
cg11789444	GSK3B;GSK3B	0.0999767	0.442282	0.95214	-1.05027	0.423977	1.05245	1.05245	0.0921465	1.12305	1.12305	0.0681621	1.13639	1.13639	0.421599	1.05273	1.05273	0.840588	1.01269	1.01269	0.030337	1.17277	1.17277	0.60124	0.96753	-1.03356	0.0165447	1.20114	1.20114	2.5615	0.158972	0.0551666	1
cg15319528	DLL1	0.0999776	0.931791	0.966664	-1.03449	0.661541	0.839903	-1.19061	0.671337	1.18416	1.18416	0.934915	1.03288	1.03288	0.00295094	0.198587	-5.03557	0.472409	0.748665	-1.33571	0.294119	0.649879	-1.53875	0.420722	1.38511	1.38511	0.13944	0.53265	-1.8774	2.56149	6.36319	2.20816	1
cg12409226	TSC22D4	0.099979	0.0946998	0.901807	-1.10888	0.833484	1.01192	1.01192	0.880328	1.00851	1.00851	0.947878	0.996328	-1.00369	0.350528	0.947364	-1.05556	0.911572	0.993768	-1.00627	0.00363328	0.801363	-1.24787	0.232767	0.93201	-1.07295	0.104308	0.904907	-1.10509	2.56147	0.128464	0.0445799	1
cg26838787	GALNT9	0.0999811	0.0144957	0.207362	-4.82248	0.854655	0.908665	-1.10052	0.276358	0.553548	-1.80653	0.0898293	0.376562	-2.65561	0.400328	0.637835	-1.5678	0.0517574	0.314673	-3.1779	0.0613507	0.332526	-3.00728	0.0301484	0.26401	-3.78774	0.887702	0.928857	-1.07659	2.56145	11.0677	3.84077	1
cg15086279	HSPC157;HSPC157	0.0999822	0.0457152	0.751305	-1.33102	0.292957	1.1459	1.1459	0.862181	1.02193	1.02193	0.0829552	1.2708	1.2708	0.692762	0.951637	-1.05082	0.0794586	0.784264	-1.27508	0.036958	0.739014	-1.35315	0.691348	1.05108	1.05108	0.635626	0.942159	-1.06139	2.56143	0.63213	0.219367	1
cg14185808	MRPS9	0.0999828	0.532516	0.886779	-1.12768	0.104647	1.40089	1.40089	0.0340018	1.60056	1.60056	0.209899	0.777904	-1.28551	0.581982	1.11146	1.11146	0.0252518	0.603094	-1.65812	0.83184	0.96039	-1.04124	0.472633	0.870365	-1.14894	0.73275	1.06731	1.06731	2.56143	1.46546	0.508557	1
cg22454588	SCAMP5	0.0999863	0.125821	1.47218	1.47218	0.0986732	0.655226	-1.52619	0.508035	1.16974	1.16974	0.208961	1.36237	1.36237	0.217556	1.35374	1.35374	0.909163	0.973704	-1.02701	0.0370645	0.568213	-1.7599	0.211907	0.735634	-1.35937	0.160495	0.704662	-1.41912	2.56139	2.21137	0.767421	1
cg23685037	SLC16A12	0.0999865	0.22129	1.51721	1.51721	0.0866514	0.541389	-1.8471	0.015731	0.38301	-2.6109	0.32996	0.721829	-1.38537	0.32336	0.718395	-1.39199	0.197361	1.55559	1.55559	0.201134	1.54921	1.54921	0.936138	0.974351	-1.02632	0.483546	0.793846	-1.25969	2.56139	4.26486	1.48005	1
cg08164852	SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1;RCC1;SNHG3-RCC1	0.0999872	0.916273	0.985588	-1.01462	0.445724	1.11328	1.11328	0.278106	0.855818	-1.16847	0.03412	0.710819	-1.40683	0.282937	0.857255	-1.16651	0.660879	1.06284	1.06284	0.54	0.917917	-1.08942	0.642161	0.93744	-1.06674	0.012715	1.53334	1.53334	2.56138	0.773118	0.268299	1
cg02061876	DDX18	0.0999874	0.0287114	0.533727	-1.87362	0.256048	1.33443	1.33443	0.142199	1.46806	1.46806	0.26032	0.751484	-1.3307	0.839479	0.951844	-1.05059	0.97748	1.00689	1.00689	0.0199176	0.504707	-1.98135	0.668327	0.90043	-1.11058	0.313987	0.77616	-1.28839	2.56138	2.40213	0.833623	1
cg04972856	C6orf162;GJB7;C6orf162	0.0999932	0.988944	0.99724	-1.00277	0.194594	0.760586	-1.31478	0.473405	1.15654	1.15654	0.528443	1.13585	1.13585	0.653579	0.913841	-1.09428	0.18932	1.31958	1.31958	0.023732	0.583677	-1.71328	0.289079	1.24543	1.24543	0.033029	1.64406	1.64406	2.56131	1.61359	0.559988	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04907244	SNORD93	0.0999944	0.389736	1.69433	1.69433	0.39369	0.592924	-1.68656	0.0681138	3.3945	3.3945	0.0563146	0.274462	-3.64349	0.569507	1.41044	1.41044	0.908614	1.07111	1.07111	0.900885	1.07739	1.07739	0.0282783	0.212397	-4.70816	0.126299	0.371754	-2.68995	2.5613	14.5184	5.03857	1
cg07949165	TOR3A	0.099995	0.351607	1.23183	1.23183	0.365755	0.817002	-1.22399	0.639435	0.902463	-1.10808	0.850139	0.959695	-1.042	0.659085	0.90795	-1.10138	0.0673822	1.56172	1.56172	0.00814838	2.08882	2.08882	0.105794	1.46854	1.46854	0.250204	1.29868	1.29868	2.56129	1.91897	0.665973	1
cg16997314	CCNY;CCNY	0.0999951	0.255206	1.32065	1.32065	0.641258	0.895952	-1.11613	0.0494082	0.591534	-1.69052	0.492154	1.17744	1.17744	0.0295429	0.548844	-1.82201	0.207009	1.36557	1.36557	0.679086	1.10231	1.10231	0.104617	1.51485	1.51485	0.400172	1.22341	1.22341	2.56129	2.22374	0.771741	1
cg10061736	PLAC1	0.0999952	0.0141314	0.198093	-5.04814	0.620296	0.765678	-1.30603	0.546262	0.721485	-1.38603	0.111853	0.396276	-2.52349	0.10964	0.393599	-2.54066	0.922607	1.05332	1.05332	0.0152856	0.203488	-4.9143	0.302815	0.565171	-1.76938	0.0801578	0.354227	-2.82305	2.56129	11.5938	4.02359	1
cg12374506	C1QL4	0.0999961	0.129605	3.05874	3.05874	0.1249	3.10859	3.10859	0.286077	2.13061	2.13061	0.15384	2.83617	2.83617	0.249349	2.27509	2.27509	0.128556	3.06964	3.06964	0.0470859	4.7184	4.7184	0.00861179	9.84906	9.84906	0.0409922	5.004	5.004	2.56128	18.9099	6.56265	1
cg16542356	C7orf50;C7orf50;C7orf50	0.0999965	0.369261	2.0071	2.0071	0.458797	1.76815	1.76815	0.850104	0.866805	-1.15366	0.356619	2.04691	2.04691	0.109613	0.267708	-3.73541	0.640498	1.42669	1.42669	0.0217915	0.124912	-8.00563	0.142932	3.28568	3.28568	0.0720176	4.55952	4.55952	2.56128	23.1555	8.0361	1
cg06712886	ARFIP1;ARFIP1;ARFIP1	0.100001	0.410918	0.75047	-1.3325	0.244147	0.659688	-1.51587	0.0712375	0.502639	-1.9895	0.607834	0.838026	-1.19328	0.817215	1.08225	1.08225	0.493481	1.26796	1.26796	0.0152728	2.76461	2.76461	0.626441	0.84581	-1.1823	0.0769573	0.510979	-1.95703	2.56123	4.72768	1.64077	1
cg11930820	LTB;LTB	0.100001	0.104373	0.71301	-1.40251	0.928034	0.982935	-1.01736	0.217963	1.28009	1.28009	0.643346	1.09291	1.09291	0.84466	1.03808	1.03808	0.793537	0.951252	-1.05125	0.00420974	0.481771	-2.07568	0.942898	1.01374	1.01374	0.603522	1.10498	1.10498	2.56123	1.47265	0.511092	1
cg07220903	CCDC12	0.100001	0.123567	2.67198	2.67198	0.60126	1.36435	1.36435	0.581882	1.38775	1.38775	0.383445	1.69316	1.69316	0.137404	2.56692	2.56692	0.187376	2.27803	2.27803	0.00695273	7.8271	7.8271	0.0265232	4.70924	4.70924	0.0834724	3.09219	3.09219	2.56123	14.0829	4.88754	1
cg06061238	GPR123	0.100001	0.983107	0.995205	-1.00482	0.491054	0.853167	-1.1721	0.334053	1.25382	1.25382	0.469193	1.18197	1.18197	0.584953	0.882308	-1.13339	0.398746	0.821894	-1.2167	0.0260016	1.82189	1.82189	0.0100312	2.09151	2.09151	0.619057	0.892443	-1.12052	2.56123	2.09082	0.725633	1
cg14998713	ETS1;ETS1;ETS1;ETS1;ETS1	0.100001	0.739353	0.790459	-1.26509	0.473353	1.67126	1.67126	0.456529	1.70577	1.70577	0.744327	1.25918	1.25918	0.00302023	0.057107	-17.511	?	?	?	0.691442	0.755073	-1.32438	0.906952	1.08583	1.08583	0.903384	0.918035	-1.08928	2.58933	18.0782	6.9818	1
cg26505822	UBE3A	0.100002	0.339871	0.774525	-1.29111	0.544492	0.852718	-1.17272	0.592589	1.15062	1.15062	0.774169	0.927998	-1.07759	0.18849	1.43609	1.43609	0.069538	0.590201	-1.69434	0.0366649	1.87877	1.87877	0.0457103	1.81308	1.81308	0.253018	1.36357	1.36357	2.56121	2.73687	0.949851	1
cg03385548	BOD1L;BOD1L	0.100002	0.748819	1.06679	1.06679	0.142938	1.37285	1.37285	0.346657	1.21537	1.21537	0.269429	0.793361	-1.26046	0.695951	1.08225	1.08225	0.823801	0.956109	-1.04591	0.490536	0.86853	-1.15137	0.11272	1.41552	1.41552	0.00910703	0.513305	-1.94816	2.56121	1.6432	0.570286	1
cg00340326	EEFSEC	0.100003	0.0901292	0.461108	-2.16869	0.107368	0.482692	-2.07171	0.0863463	0.455993	-2.19302	0.67465	0.839473	-1.19122	0.00790233	0.24364	-4.10441	0.052316	0.400637	-2.49602	0.293717	0.636727	-1.57053	0.86205	0.930451	-1.07475	0.0940624	0.466269	-2.14469	2.5612	6.96802	2.41832	1
cg10966139	NID1	0.100004	0.118924	0.622903	-1.60539	0.0345679	0.501936	-1.99229	0.366058	0.771255	-1.29659	0.30917	0.745003	-1.34228	0.0102251	0.404323	-2.47327	0.223032	0.698996	-1.43062	0.479084	0.817707	-1.22293	0.0257381	0.476731	-2.09762	0.148583	0.648331	-1.54242	2.56119	3.1732	1.10129	1
cg18207109	AIFM2	0.100005	0.060384	0.54343	-1.84016	0.0248049	0.463305	-2.15841	0.0833856	0.57586	-1.73653	0.914382	1.03145	1.03145	0.0848994	0.577732	-1.73091	0.206508	1.46766	1.46766	0.658973	1.13643	1.13643	0.468455	1.23666	1.23666	0.969484	1.01108	1.01108	2.56119	3.36357	1.16736	1
cg13808979	PSORS1C1	0.100006	0.170951	0.569026	-1.75739	0.236351	1.61587	1.61587	0.276519	0.645495	-1.5492	0.476786	0.755947	-1.32284	0.00674388	0.257066	-3.89005	0.847243	0.928127	-1.07744	0.105442	0.504548	-1.98197	0.365007	1.4333	1.4333	0.392383	0.712571	-1.40337	2.56118	6.06707	2.10565	1
cg07468862	PSPC1;PSPC1	0.100007	0.46	0.902738	-1.10774	0.00805733	1.58673	1.58673	0.193416	0.829283	-1.20586	0.468989	1.10541	1.10541	0.561505	0.923252	-1.08313	0.717433	0.951768	-1.05068	0.47435	0.905773	-1.10403	0.84422	1.02712	1.02712	0.0716738	0.760668	-1.31463	2.56117	0.750499	0.260471	1
cg10773203	SUPT7L;SLC4A1AP	0.100007	0.353138	0.920303	-1.0866	0.209999	1.1217	1.1217	0.955062	0.995113	-1.00491	0.0305894	1.24714	1.24714	0.152769	1.14239	1.14239	0.120211	1.15781	1.15781	0.043392	0.817141	-1.22378	0.852247	1.01634	1.01634	0.301981	1.09742	1.09742	2.56117	0.306524	0.106383	1
cg14242936	GRASP	0.100008	0.660096	0.793422	-1.26036	0.00314393	0.121152	-8.25409	0.0409471	0.291272	-3.43322	0.381746	0.625591	-1.59849	0.681084	0.805676	-1.24119	0.653311	0.789462	-1.26669	0.330512	0.591548	-1.69048	0.178454	0.473553	-2.11169	0.976221	0.984536	-1.01571	2.56115	11.0895	3.8488	1
cg08143343	SLC6A15;SLC6A15;SLC6A15	0.100011	0.0757575	0.345015	-2.89842	0.066456	0.330172	-3.02873	0.329309	0.581563	-1.7195	0.383641	0.618183	-1.61765	0.0400112	0.278631	-3.58897	0.978547	1.01458	1.01458	0.0110358	0.179713	-5.56442	0.974839	1.01713	1.01713	0.0851114	0.358814	-2.78696	2.56112	11.7578	4.08079	1
cg23379806	FAM107B	0.100013	0.23479	0.744699	-1.34282	0.492721	1.17928	1.17928	0.171886	0.708761	-1.41091	0.143082	0.688993	-1.45139	0.534235	1.16067	1.16067	0.296258	1.29221	1.29221	0.0186739	1.96361	1.96361	0.476611	1.18686	1.18686	0.132151	0.680696	-1.46908	2.5611	2.27261	0.788761	1
cg22796572	ATCAY	0.100014	0.938351	0.986397	-1.01379	0.0835735	0.712397	-1.40371	0.0319724	1.56048	1.56048	0.637547	1.08766	1.08766	0.0886875	0.717111	-1.39448	0.379936	0.852582	-1.17291	0.189757	0.781971	-1.27882	0.135628	0.752174	-1.32948	0.127475	0.746894	-1.33888	2.56108	1.2718	0.441412	1
cg13517398	ESCO1;ESCO1	0.100018	0.785223	1.05874	1.05874	0.690325	0.919728	-1.08728	0.653888	1.09889	1.09889	0.121172	1.42068	1.42068	0.720904	0.927785	-1.07784	0.526702	0.874568	-1.14342	0.00788361	0.490564	-2.03847	0.491863	1.15704	1.15704	0.086659	1.485	1.485	2.56104	1.77083	0.614623	1
cg11961175	SLC45A3	0.100019	0.010794	0.198807	-5.03	0.188713	0.495356	-2.01875	0.310163	0.588755	-1.6985	0.255444	1.82011	1.82011	0.0902715	0.389969	-2.56431	0.271582	0.561389	-1.7813	0.0762714	0.369749	-2.70454	0.714005	1.20403	1.20403	0.171467	0.479782	-2.08428	2.56103	10.3213	3.58235	1
cg07381549	MAP2K2	0.10002	0.00766273	0.457667	-2.185	0.0748768	0.636088	-1.57211	0.14362	0.698825	-1.43097	0.541025	0.868386	-1.15156	0.0313709	0.562252	-1.77856	0.0612279	0.618161	-1.6177	0.478213	0.848379	-1.17872	0.583622	0.881412	-1.13454	0.559026	0.873937	-1.14425	2.56102	2.10945	0.732155	1
cg21497439	HAPLN4	0.10002	0.245165	0.79806	-1.25304	0.0447374	0.652108	-1.53349	0.562452	0.897032	-1.11479	0.403843	0.853418	-1.17176	0.532967	0.889427	-1.12432	0.557946	1.11622	1.11622	0.0122764	1.78381	1.78381	0.313354	0.824073	-1.21348	0.551984	1.11813	1.11813	2.56102	1.39657	0.484727	1
cg05777658	C2orf29	0.100024	0.767215	1.12955	1.12955	0.0258986	3.17973	3.17973	0.805975	1.10623	1.10623	0.0168409	3.63131	3.63131	0.763201	0.883375	-1.13202	?	?	?	0.162102	0.534312	-1.87157	0.930284	1.03653	1.03653	0.341775	1.50071	1.50071	2.98268	6.72113	1.69004	1
cg05800639	PADI1	0.100024	0.58487	0.85862	-1.16466	0.251821	1.39206	1.39206	0.4805	0.820239	-1.21916	0.330306	1.31992	1.31992	0.0377092	0.513758	-1.94644	0.948932	0.982457	-1.01786	0.392043	1.27417	1.27417	0.0104649	0.410478	-2.43618	0.537577	0.841574	-1.18825	2.56097	3.09675	1.07485	1
cg08441918	TUBB4;MIR220B	0.100024	0.926057	0.976281	-1.0243	?	?	?	0.017614	0.322006	-3.10553	0.479107	1.21163	1.21163	0.361882	0.774522	-1.29112	0.43619	0.807837	-1.23787	?	?	?	?	?	?	?	?	?	5.30813	2.50562	0.283221	1
cg11224188	CACNA2D3	0.100028	0.402467	0.817237	-1.22363	0.154998	1.43117	1.43117	0.0336354	0.557382	-1.7941	0.166621	0.706544	-1.41534	0.0980304	0.65214	-1.53341	0.118618	0.670963	-1.49039	0.108865	1.50966	1.50966	0.322607	0.786104	-1.2721	0.792034	0.939653	-1.06422	2.56093	2.25037	0.781094	1
cg05391282	VOPP1	0.100029	0.987719	0.99688	-1.00313	0.0221587	1.74522	1.74522	0.707984	1.07939	1.07939	0.785325	0.946072	-1.057	0.238458	0.778257	-1.28492	0.248506	1.27753	1.27753	0.00903991	1.96157	1.96157	0.507777	1.14617	1.14617	0.799301	1.05309	1.05309	2.56092	1.67209	0.580379	1
cg21002146	TC2N;TC2N;TC2N	0.10003	0.743382	0.811517	-1.23226	0.992604	1.00591	1.00591	0.300369	1.97836	1.97836	0.867656	0.8994	-1.11185	0.00253329	0.0696525	-14.357	0.679694	0.768015	-1.30206	0.329063	0.527085	-1.89723	0.265405	0.478138	-2.09145	0.803987	1.17128	1.17128	2.5609	16.3929	5.68997	1
cg07777378	GRN	0.100031	0.310544	0.905589	-1.10425	0.269249	1.11488	1.11488	0.807639	0.977209	-1.02332	0.795915	0.975801	-1.0248	0.469452	0.932808	-1.07203	0.226713	1.12745	1.12745	0.0100673	1.35928	1.35928	0.0351737	1.26099	1.26099	0.892935	0.987353	-1.01281	2.5609	0.362301	0.125755	1
cg05210804	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.100032	0.104257	4.461	4.461	0.0181057	11.21	11.21	0.091749	4.77415	4.77415	0.239064	2.82398	2.82398	0.286339	2.54026	2.54026	0.277862	2.58606	2.58606	0.224127	2.93073	2.93073	0.010484	15.0643	15.0643	0.0932408	4.73356	4.73356	2.56088	28.7538	9.9805	1
cg21008808	VPS26B;NCAPD3	0.100033	0.806675	1.03912	1.03912	0.909368	0.982334	-1.01798	0.230012	1.21788	1.21788	0.914959	1.01686	1.01686	0.608325	1.08426	1.08426	0.0115107	0.609758	-1.64	0.229895	0.821051	-1.21795	0.111965	1.31114	1.31114	0.109747	1.31375	1.31375	2.56087	0.993579	0.344876	1
cg08124399	DDX43	0.100033	0.250006	0.535496	-1.86743	0.17036	0.468315	-2.13531	0.150489	0.449025	-2.22705	0.106867	2.49571	2.49571	0.130906	0.428525	-2.33358	0.0656063	0.341812	-2.92559	0.636568	1.28054	1.28054	0.191076	2.05279	2.05279	0.199459	2.02246	2.02246	2.56087	10.9476	3.79995	1
cg06189653	PRR7	0.100034	0.0441362	0.239697	-4.17193	0.373308	0.568635	-1.7586	0.555894	1.44476	1.44476	0.806485	1.16369	1.16369	0.0245822	0.191324	-5.22675	0.765764	1.20267	1.20267	0.0280898	0.201457	-4.96384	0.0850619	0.30848	-3.2417	0.277544	0.497825	-2.00874	2.56086	15.4738	5.37104	1
cg12793711	ACTG1	0.100035	0.0459642	0.530602	-1.88465	0.159888	0.659632	-1.516	0.115233	1.60719	1.60719	0.418047	0.795104	-1.2577	0.0801849	0.58403	-1.71224	0.0933993	0.59972	-1.66744	0.0675451	0.566961	-1.76379	0.320964	0.752682	-1.32858	0.481685	1.21914	1.21914	2.56085	3.11351	1.08072	1
cg23360190	C20orf160	0.100039	0.0107642	0.296597	-3.37158	0.643397	1.19344	1.19344	0.440494	1.34768	1.34768	0.824821	0.919349	-1.08773	0.224202	0.616122	-1.62306	0.0671458	0.459199	-2.17771	0.443288	0.743423	-1.34513	0.275236	1.53813	1.53813	0.248212	1.58071	1.58071	2.5608	5.83529	2.02551	1
cg01361263	FLNB;FLNB;FLNB;FLNB	0.100043	0.269542	0.57675	-1.73385	0.031174	3.35489	3.35489	0.247249	1.78438	1.78438	0.603901	0.778398	-1.28469	0.0159844	0.243697	-4.10345	0.286959	0.589057	-1.69763	0.764863	1.15439	1.15439	0.816957	1.11737	1.11737	0.824501	1.11216	1.11216	2.56076	9.29167	3.22532	1
cg12357681	CCNL1	0.100046	0.736998	1.15078	1.15078	0.757993	0.879175	-1.13743	0.767161	0.883632	-1.13169	0.0984203	0.469944	-2.12791	0.00744931	0.237913	-4.20322	0.688689	0.845524	-1.1827	0.0708403	2.31866	2.31866	0.727784	1.15673	1.15673	0.652126	1.20814	1.20814	2.56072	7.04063	2.44397	1
cg10512875	TMTC1	0.100047	0.723275	0.938127	-1.06595	0.0524845	0.672924	-1.48605	0.0570839	0.679261	-1.47219	0.458742	0.873247	-1.14515	0.995236	0.998928	-1.00107	0.979486	1.00463	1.00463	0.0307781	0.633977	-1.57734	0.750723	1.05893	1.05893	0.0607718	1.46193	1.46193	2.56072	1.30894	0.454365	1
cg26072250	EXOC3;C5orf55	0.100048	0.89357	0.950606	-1.05196	0.766051	1.11954	1.11954	0.410722	1.37484	1.37484	0.432733	0.738616	-1.35388	0.0173478	0.334035	-2.9937	0.299911	0.665952	-1.50161	0.0192366	2.92036	2.92036	0.50775	1.28955	1.28955	0.920674	1.03842	1.03842	2.56071	5.80804	2.01612	1
cg05662782	HNRNPA3	0.100049	0.127726	0.707965	-1.4125	0.427191	0.843654	-1.18532	0.527215	0.874288	-1.14379	0.09402	0.679688	-1.47126	0.457918	0.853409	-1.17177	0.0744064	0.659111	-1.51719	0.00484999	0.456866	-2.18883	0.487047	1.15961	1.15961	0.749756	0.935093	-1.06941	2.5607	1.7836	0.619138	1
cg23969554	FLJ42875	0.100049	0.114994	2.9119	2.9119	0.0142715	6.58419	6.58419	0.0131026	6.8135	6.8135	0.633313	1.3495	1.3495	0.409994	1.69123	1.69123	0.189339	2.37996	2.37996	0.0586827	3.78798	3.78798	0.149918	2.61859	2.61859	0.418128	1.67528	1.67528	2.56069	15.7728	5.47517	1
cg06966811	OTX2	0.100049	0.372803	2.20453	2.20453	0.978409	1.02366	1.02366	0.573797	1.634	1.634	0.441755	0.507782	-1.96935	0.0923391	0.201779	-4.95593	0.765348	0.772125	-1.29513	0.0200591	11.29	11.29	0.0268368	9.63854	9.63854	0.690539	0.70769	-1.41305	2.56069	30.2739	10.5089	1
cg01134967	SFTPA1;SFTPA1;SFTPA1;SFTPA1;SFTPA1;SFTPA1	0.100051	0.55568	1.27981	1.27981	0.0110432	3.74126	3.74126	0.137778	1.93776	1.93776	0.145633	0.523762	-1.90927	0.325609	1.52217	1.52217	0.455461	1.36979	1.36979	0.0649445	2.35819	2.35819	0.336278	1.50741	1.50741	0.461359	0.73315	-1.36398	2.56067	6.94871	2.41211	1
cg24461952	GALNT9	0.100052	0.0763816	0.349238	-2.86337	0.833974	1.11852	1.11852	0.367492	0.61019	-1.63883	0.116165	0.402078	-2.48708	0.172368	0.460672	-2.17074	0.16323	0.451974	-2.21252	0.00870076	0.167944	-5.95437	0.108423	0.39279	-2.54589	0.0456138	0.294316	-3.39771	2.56066	11.5483	4.00877	1
cg25627144	DLL3;DLL3	0.100053	?	?	?	?	?	?	0.260592	0.551629	-1.81281	0.540074	1.36955	1.36955	?	?	?	0.412025	1.52995	1.52995	0.78143	0.868479	-1.15144	0.0296847	3.66037	3.66037	0.0611106	0.34303	-2.9152	2.66769	7.23975	3.61848	1
cg11056409	MBOAT2	0.100053	0.259475	0.300419	-3.32868	0.0165923	19.9061	19.9061	0.0177457	19.0553	19.0553	0.827308	1.25026	1.25026	0.196208	0.247315	-4.04343	0.610312	1.69118	1.69118	0.936032	0.921219	-1.08552	0.838146	1.23255	1.23255	0.809051	1.28081	1.28081	2.56065	42.3824	14.7124	1
cg00296121	FRMD4A	0.100053	0.495073	0.727313	-1.37492	0.634706	0.802541	-1.24604	0.445135	1.43008	1.43008	0.268669	1.69804	1.69804	0.0187093	3.70481	3.70481	0.0325136	3.15872	3.15872	0.806042	0.893096	-1.1197	0.194363	0.532065	-1.87947	0.298412	0.609347	-1.6411	2.56065	8.56611	2.97359	1
cg04255416	RAB3C	0.100055	0.0241626	1.40479	1.40479	0.190503	1.19157	1.19157	0.0680947	1.29474	1.29474	0.175872	1.19957	1.19957	0.94044	0.990597	-1.00949	0.136651	1.22474	1.22474	0.343741	0.883986	-1.13124	0.142422	1.22062	1.22062	0.191872	0.839732	-1.19086	2.56063	0.648284	0.225043	1
cg22888484	SNHG11	0.100057	0.0236717	2.09687	2.09687	0.303856	1.33899	1.33899	0.711321	1.10727	1.10727	0.023813	2.09473	2.09473	0.573892	1.16854	1.16854	0.442447	1.23947	1.23947	0.0887473	0.597704	-1.67307	0.912895	0.97045	-1.03045	0.398261	0.788926	-1.26755	2.56061	3.04739	1.05787	1
cg03349118	NSMAF;NSMAF	0.100058	0.988704	0.996885	-1.00313	0.00560064	2.22934	2.22934	0.460565	0.847401	-1.18008	0.0672746	1.57138	1.57138	0.35628	0.811296	-1.2326	0.975243	0.993184	-1.00686	0.973126	1.00745	1.00745	0.463261	1.17886	1.17886	0.168556	1.38177	1.38177	2.5606	1.96999	0.683862	1
cg07974719	EDNRB;EDNRB;EDNRB	0.100058	0.168541	0.598315	-1.67136	0.565485	0.815964	-1.22554	0.0596661	0.475203	-2.10436	0.373434	1.37694	1.37694	0.0382578	0.431429	-2.31788	0.0215449	0.380468	-2.62834	0.081115	0.508142	-1.96795	0.823228	0.924661	-1.08148	0.667581	1.16329	1.16329	2.5606	4.9701	1.72533	1
cg24060683	ZNF805;ZNF805	0.10006	0.289984	0.441389	-2.26558	0.213715	0.377205	-2.65108	0.0518593	0.192531	-5.19398	0.147166	0.313985	-3.18486	0.0149449	0.107693	-9.28567	0.630881	0.69732	-1.43406	0.0240533	0.134797	-7.41855	0.438331	1.8016	1.8016	0.383253	0.513855	-1.94607	2.56058	22.4884	7.8067	1
cg17177454	STK19;STK19;DOM3Z;STK19	0.100062	0.681158	0.906152	-1.10357	0.138736	1.46251	1.46251	0.234707	1.34596	1.34596	0.945783	0.983909	-1.01635	0.0178582	0.503206	-1.98726	0.654933	0.898256	-1.11327	0.0834132	0.633111	-1.5795	0.515402	1.17038	1.17038	0.13228	1.47324	1.47324	2.56055	2.30738	0.801002	1
cg07628595	YME1L1;MASTL;YME1L1;MASTL	0.100063	0.469972	1.13804	1.13804	0.307025	0.830253	-1.20445	0.300103	1.20792	1.20792	0.0516969	1.4763	1.4763	0.836517	1.03702	1.03702	0.852424	0.967771	-1.0333	0.0542547	1.46853	1.46853	0.218646	0.796438	-1.25559	0.0210264	1.62954	1.62954	2.56054	1.25497	0.43566	1
cg09935228	ZNF704	0.100064	0.0271703	0.565242	-1.76915	0.039801	1.67964	1.67964	0.384274	1.21488	1.21488	0.932076	0.981572	-1.01877	0.74744	0.931932	-1.07304	0.0467957	0.608573	-1.64319	0.356325	1.22999	1.22999	0.833653	1.04696	1.04696	0.958584	1.0114	1.0114	2.56054	1.93059	0.670203	1
cg22164577	UBR3	0.100065	0.0424383	0.155089	-6.44789	0.0432718	0.156591	-6.38606	0.107412	0.246256	-4.06081	0.326522	0.445806	-2.24313	0.0307125	0.132091	-7.57053	0.403022	0.505346	-1.97884	0.0319613	0.134736	-7.4219	0.119748	0.260206	-3.84312	0.0600118	0.184127	-5.43102	2.56052	25.7944	8.95456	1
cg25076324	PIWIL2;PIWIL2	0.100066	0.0148466	0.608142	-1.64435	0.693231	0.936319	-1.06801	0.0504821	0.690774	-1.44765	0.359734	1.16915	1.16915	0.311752	0.840571	-1.18967	0.389578	1.15757	1.15757	0.0787878	0.723278	-1.38259	0.71542	0.941042	-1.06265	0.106959	0.746725	-1.33918	2.56051	1.11694	0.387748	1
cg24184689	SEMA7A;SEMA7A;SEMA7A	0.100066	0.0901934	3.73253	3.73253	0.0685863	4.21174	4.21174	0.263611	2.27495	2.27495	0.158612	2.89471	2.89471	0.104515	3.49583	3.49583	0.119456	3.29278	3.29278	0.0147805	8.29579	8.29579	0.0364769	5.5547	5.5547	0.0601043	4.46299	4.46299	2.56051	20.1747	7.00372	1
cg14210641	ZNHIT6;ZNHIT6	0.100067	0.934964	0.982297	-1.01802	0.622628	1.11468	1.11468	0.508926	1.15795	1.15795	0.21597	0.752018	-1.32975	0.010114	0.491569	-2.0343	0.794629	1.05875	1.05875	0.112498	1.45958	1.45958	0.117803	1.45025	1.45025	0.419327	1.19793	1.19793	2.5605	1.94248	0.674339	1
cg11657615	ZDHHC1	0.100067	0.595265	0.841958	-1.18771	0.413998	0.764957	-1.30726	0.160949	1.61679	1.61679	0.964543	0.985838	-1.01437	0.10021	0.561096	-1.78223	0.921138	1.03228	1.03228	0.00672121	0.323774	-3.08858	0.147203	0.607095	-1.64719	0.20154	0.64873	-1.54147	2.5605	4.17477	1.44929	1
cg01831199	RBM41;RBM41;RBM41;RBM41	0.100069	0.827496	0.914828	-1.0931	0.643917	0.827075	-1.20908	0.349862	0.675352	-1.48071	0.176424	1.79716	1.79716	0.516074	0.764458	-1.30812	0.00577871	0.228759	-4.3714	0.102532	0.482521	-2.07245	0.338505	1.49547	1.49547	0.88736	1.05951	1.05951	2.56047	6.7471	2.34231	1
cg07472196	C3orf26;FILIP1L;FILIP1L	0.100069	0.52133	0.699131	-1.43035	0.748463	0.837652	-1.19381	0.986811	1.00914	1.00914	0.858489	0.906403	-1.10326	0.00604189	0.138805	-7.20436	0.440099	0.648214	-1.5427	0.0444005	0.280469	-3.56546	0.30626	1.79187	1.79187	0.112104	0.385739	-2.59242	2.56047	12.295	4.2683	1
cg18080046	CLIC1	0.10007	0.202852	1.37268	1.37268	0.0490834	1.69782	1.69782	0.127493	1.47449	1.47449	0.475563	1.18643	1.18643	0.0586016	1.65435	1.65435	0.0164866	1.99444	1.99444	0.0273941	1.84944	1.84944	0.0996116	1.52998	1.52998	0.194508	1.38179	1.38179	2.56046	2.25142	0.781603	1
cg10605511	SLC38A10;SLC38A10	0.100071	0.0884162	0.702265	-1.42396	0.300841	1.22332	1.22332	0.0294345	1.61965	1.61965	0.239683	0.79335	-1.26048	0.749755	0.941606	-1.06202	0.531401	1.12659	1.12659	0.0906706	0.704356	-1.41974	0.224431	0.786678	-1.27117	0.198897	0.774726	-1.29078	2.56046	1.43358	0.497681	1
cg25220769	KCNAB2;KCNAB2	0.100073	0.562035	1.21669	1.21669	0.0960462	1.84317	1.84317	0.0101755	2.95714	2.95714	0.126638	1.73809	1.73809	0.736229	1.11975	1.11975	0.519821	1.24393	1.24393	0.223525	0.65191	-1.53395	0.370516	0.735175	-1.36022	0.115089	1.77393	1.77393	2.56043	4.53876	1.57569	1
cg11681126	ZNF32;ZNF32	0.100073	0.669312	1.09896	1.09896	0.641124	1.10861	1.10861	0.124837	1.44038	1.44038	0.844815	0.957873	-1.04398	0.694388	1.0906	1.0906	0.205155	1.34124	1.34124	0.00865132	0.479441	-2.08576	0.114843	0.686195	-1.45731	0.651216	1.10512	1.10512	2.56043	1.95607	0.679078	1
cg20099449	DSG1	0.100073	0.205865	0.499234	-2.00307	0.052812	0.317964	-3.14501	0.0259257	0.25248	-3.96072	0.990145	1.00645	1.00645	0.564933	0.738693	-1.35374	0.288998	1.77353	1.77353	0.0153245	0.212357	-4.70906	0.432935	0.659296	-1.51677	0.731486	0.835844	-1.1964	2.56043	10.9891	3.81502	1
cg07847428	MARCH2;MARCH2;MARCH2	0.100073	0.439056	1.19082	1.19082	0.0541444	1.62198	1.62198	0.839088	0.956005	-1.04602	0.163211	0.719404	-1.39004	0.0617941	0.627837	-1.59277	0.07511	1.55049	1.55049	0.389861	0.822848	-1.21529	0.213742	0.748485	-1.33603	0.283991	0.781686	-1.27929	2.56043	1.98572	0.68937	1
cg14061529	SESN1;C6orf182	0.100074	0.121041	1.41762	1.41762	0.191907	0.750697	-1.3321	0.314601	1.24093	1.24093	0.273723	0.789439	-1.26672	0.451037	0.85265	-1.17281	0.893478	0.972573	-1.0282	0.00926104	1.98479	1.98479	0.852858	1.03929	1.03929	0.332597	0.812632	-1.23057	2.56042	1.74732	0.606609	1
cg22375689	CHST8;CHST8;CHST8	0.100074	0.468243	1.62016	1.62016	0.00252363	15.5143	15.5143	0.07715	3.61418	3.61418	0.453465	1.64756	1.64756	0.510557	1.54706	1.54706	0.225713	2.29748	2.29748	0.359351	1.85185	1.85185	0.129601	2.91719	2.91719	0.462252	1.63114	1.63114	2.56042	17.3348	6.01802	1
cg18540816	GALNT9	0.100076	0.43208	1.76975	1.76975	0.765325	1.23754	1.23754	0.771122	0.812471	-1.23081	0.988515	1.0103	1.0103	0.0394105	0.183325	-5.45479	0.214436	0.394351	-2.53581	0.00747567	0.0861373	-11.6094	0.342343	0.498314	-2.00676	0.113027	0.292882	-3.41434	2.5604	20.5544	7.13582	1
cg02978827	RB1	0.100076	0.0054514	0.555638	-1.79973	0.245066	1.21586	1.21586	0.115308	1.3168	1.3168	0.975824	1.00488	1.00488	0.391821	0.86847	-1.15145	0.52365	0.901326	-1.10948	0.398674	0.87032	-1.149	0.950266	1.01008	1.01008	0.462536	0.886733	-1.12774	2.5604	1.04776	0.363747	1
cg10505247	PFKFB2;PFKFB2	0.100077	0.475974	1.11295	1.11295	0.936761	0.988352	-1.01178	0.809383	0.964948	-1.03633	0.64765	1.0703	1.0703	0.881225	1.02232	1.02232	0.678605	1.06345	1.06345	0.00373709	0.560959	-1.78266	0.835618	1.03115	1.03115	0.105606	1.29826	1.29826	2.56039	0.883994	0.306896	1
cg04287168	BMP8A	0.100078	0.705032	0.843878	-1.185	0.00817096	4.53051	4.53051	0.277122	1.65619	1.65619	0.430292	1.43237	1.43237	0.0832929	0.424957	-2.35318	0.221346	1.77499	1.77499	0.912784	0.952273	-1.05012	0.14828	1.99804	1.99804	0.465622	1.39296	1.39296	2.56038	8.0789	2.80476	1
cg13061767	MIR135B	0.100078	0.632011	1.08238	1.08238	0.284841	1.19992	1.19992	0.882903	0.97611	-1.02447	0.0682662	1.39784	1.39784	0.2606	1.21228	1.21228	0.233004	1.22773	1.22773	0.0604878	1.41521	1.41521	0.0239342	0.642742	-1.55583	0.541655	0.903609	-1.10667	2.56037	1.09143	0.378915	1
cg19403101	SMYD3;SMYD3	0.100079	0.0148269	2.14026	2.14026	0.982368	0.994406	-1.00563	0.778147	1.07433	1.07433	0.044275	1.79772	1.79772	0.326869	0.773419	-1.29296	0.116966	1.54079	1.54079	0.104991	1.56784	1.56784	0.776022	1.07509	1.07509	0.347868	0.782435	-1.27806	2.56037	2.61289	0.907123	1
cg24120800	TFG;TFG	0.10008	0.385044	0.755742	-1.3232	0.748765	0.903891	-1.10633	0.201703	0.654455	-1.52799	0.818951	1.07476	1.07476	0.33037	0.729166	-1.37143	0.0139824	0.385016	-2.59729	0.0117351	0.371584	-2.69118	0.406511	1.30608	1.30608	0.306695	0.716928	-1.39484	2.56036	4.00995	1.39215	1
cg05810323	NEK3;NEK3;NEK3;NEK3	0.10008	0.714613	0.925326	-1.0807	0.424468	0.841664	-1.18812	0.966895	1.00881	1.00881	0.913683	0.977347	-1.02318	0.0595792	0.638065	-1.56724	0.20664	0.754672	-1.32508	0.0351929	1.6794	1.6794	0.117824	1.43176	1.43176	0.0784358	0.661592	-1.51151	2.56036	1.8109	0.628696	1
cg15528085	ARL2BP	0.10008	0.607453	0.94194	-1.06164	0.0685886	1.26531	1.26531	0.489775	0.922205	-1.08436	0.0633366	0.785808	-1.27258	0.717292	1.04287	1.04287	0.061512	0.78416	-1.27525	0.0715608	0.792735	-1.26146	0.565052	0.935065	-1.06944	0.0581738	0.781027	-1.28037	2.56035	0.540329	0.187588	1
cg16469386	SLC38A1;SLC38A1;SLC38A1;SLC38A1	0.10008	0.843732	0.964634	-1.03666	0.00258405	2.14245	2.14245	0.145914	1.32951	1.32951	0.648344	0.919643	-1.08738	0.791996	1.0494	1.0494	0.582316	1.10665	1.10665	0.78346	0.950985	-1.05154	0.253588	1.24299	1.24299	0.942961	0.98703	-1.01314	2.56035	1.34967	0.468571	1
cg09404592	GAD1;GAD1	0.10008	0.475561	0.761772	-1.31273	0.210022	0.609295	-1.64124	0.370022	0.708032	-1.41237	0.11511	0.525953	-1.90131	0.0205267	0.351077	-2.84838	0.105707	0.515396	-1.94026	0.133438	0.544915	-1.83515	0.0110593	0.30266	-3.30403	0.715291	1.14728	1.14728	2.56035	5.704	1.98028	1
cg02994291	MAPK8IP3;MAPK8IP3	0.100081	0.321224	0.546565	-1.82961	0.013913	5.99555	5.99555	0.105702	2.83417	2.83417	0.968512	0.977001	-1.02354	0.432395	0.623574	-1.60366	0.374989	0.584652	-1.71042	0.110923	0.359249	-2.78358	0.24503	2.04786	2.04786	0.67719	0.781314	-1.2799	2.56035	14.0896	4.89157	1
cg02396009	RPUSD4;RPUSD4;FAM118B;FAM118B	0.100081	0.965931	1.02132	1.02132	0.282291	1.73635	1.73635	0.0182042	4.12004	4.12004	0.949354	1.03187	1.03187	0.162801	0.479118	-2.08717	0.174692	2.04003	2.04003	0.0407423	0.31142	-3.2111	0.731776	0.843731	-1.18521	0.791046	0.877092	-1.14013	2.56035	9.8902	3.43363	1
cg22944823	BAHCC1	0.100082	0.700037	1.11575	1.11575	0.848844	0.94745	-1.05547	0.408575	0.787312	-1.27014	0.0146399	0.427259	-2.3405	0.0247617	0.469452	-2.13015	0.181467	0.669436	-1.4938	0.152595	1.54257	1.54257	0.759719	1.09067	1.09067	0.698362	0.895679	-1.11647	2.56033	3.24557	1.12679	1
cg10130497	ARRDC5	0.100083	0.0444114	0.522317	-1.91454	0.472564	0.814207	-1.22819	0.00723467	0.377211	-2.65104	0.517381	1.2028	1.2028	0.0685371	0.563478	-1.77469	0.825027	1.06427	1.06427	0.336468	0.756689	-1.32155	0.769171	1.08631	1.08631	0.538885	0.839432	-1.19128	2.56032	3.20923	1.11418	1
cg02358755	ATP6V1G2;ATP6V1G2	0.100084	0.0163733	0.124266	-8.04725	0.223903	0.403313	-2.47947	0.713086	0.769148	-1.30014	0.11061	0.29068	-3.44021	0.0792897	0.250462	-3.99262	0.0525531	0.20879	-4.7895	0.0871751	0.261258	-3.82763	0.0995384	0.277217	-3.60728	0.0365748	0.177916	-5.62064	2.56031	20.4799	7.11021	1
cg14434922	DMRT3	0.100087	0.0194126	0.0968515	-10.3251	0.0806171	0.201771	-4.95612	0.0810841	0.202374	-4.94135	0.568718	0.621365	-1.60936	0.035869	0.133089	-7.51377	0.675308	0.706106	-1.41622	0.10388	0.230165	-4.3447	0.0658548	0.181796	-5.50067	0.0597209	0.172888	-5.78408	2.56028	27.6689	9.60618	1
cg09674251	KCNQ4;KCNQ4	0.100087	0.513319	1.26371	1.26371	0.00405952	0.25613	-3.90426	0.342224	0.707869	-1.41269	0.909908	1.04077	1.04077	0.682134	1.15649	1.15649	0.0955306	0.523873	-1.90886	0.685721	0.866206	-1.15446	0.960572	1.01761	1.01761	0.371449	1.38264	1.38264	2.56027	5.05439	1.75481	1
cg00803638	TEAD3	0.100089	0.757796	1.08597	1.08597	0.758296	0.921002	-1.08577	0.675917	0.893963	-1.11862	0.0540736	1.79129	1.79129	0.585234	0.863352	-1.15828	0.587673	1.15715	1.15715	0.00398769	2.80636	2.80636	0.956327	1.01471	1.01471	0.263792	1.36421	1.36421	2.56026	2.88237	1.00072	1
cg18725599	SLC6A7	0.100092	0.0455572	0.46025	-2.17273	0.760896	0.901861	-1.10882	0.0266846	0.411173	-2.43207	0.609454	0.839983	-1.1905	0.0311616	0.424885	-2.35358	0.114973	0.55986	-1.78616	0.240726	0.659895	-1.51539	0.301312	1.43684	1.43684	0.129123	0.574076	-1.74193	2.56022	4.6444	1.6125	1
cg15063465	MYADM;MYADM;MYADM;MYADM;MYADM;MYADM	0.100092	0.18308	0.59877	-1.67009	0.0287831	2.55024	2.55024	0.610328	1.20513	1.20513	0.732116	0.882719	-1.13286	0.981055	1.00866	1.00866	0.554553	1.24237	1.24237	0.0114821	3.1521	3.1521	0.972884	0.987736	-1.01242	0.135775	1.79256	1.79256	2.56022	5.34455	1.85559	1
cg11566832	BMPR1A	0.100094	0.196296	0.82542	-1.2115	0.123237	1.26423	1.26423	0.023224	1.46372	1.46372	0.566674	0.921894	-1.08472	0.0177057	1.49938	1.49938	0.881408	1.02118	1.02118	0.534392	1.09238	1.09238	0.388072	1.13227	1.13227	0.280121	1.17076	1.17076	2.5602	0.799527	0.277592	1
cg09323228	CCDC163P;MMACHC	0.100098	0.3607	0.390711	-2.55944	0.59734	1.70429	1.70429	0.0190142	17.1111	17.1111	0.342051	2.66205	2.66205	0.285108	0.329419	-3.03565	0.40065	0.422983	-2.36416	0.0885911	6.54596	6.54596	0.0395176	10.8214	10.8214	0.883449	1.15802	1.15802	2.56016	40.5587	14.082	1
cg15022015	RPTOR;RPTOR	0.100098	0.0946635	0.69741	-1.43388	0.0228539	0.586095	-1.70621	0.133671	0.728065	-1.3735	0.501161	1.14333	1.14333	0.0192998	0.573961	-1.74228	0.684882	0.923077	-1.08333	0.327775	1.21919	1.21919	0.653994	0.915291	-1.09255	0.922825	0.981169	-1.01919	2.56016	1.56067	0.541866	1
cg19811833	C6orf221	0.100103	0.0262813	0.533837	-1.87323	0.380477	1.23892	1.23892	0.859301	0.958624	-1.04316	0.926158	0.978165	-1.02232	0.00631714	0.428725	-2.3325	0.737756	1.08332	1.08332	0.693444	1.09895	1.09895	0.522458	0.856951	-1.16693	0.509822	0.852802	-1.17261	2.5601	2.29966	0.798462	1
cg21918369	KLHL13;KLHL13;KLHL13	0.100104	0.328179	0.457844	-2.18415	0.787457	1.23267	1.23267	0.777699	0.803252	-1.24494	0.0363189	6.57842	6.57842	0.163165	0.315961	-3.16495	0.151666	0.304525	-3.2838	0.437593	1.84583	1.84583	0.0210327	0.116666	-8.57145	0.480665	0.574131	-1.74176	2.5601	24.2936	8.43496	1
cg06849428	METT11D1;METT11D1	0.100106	0.0251485	0.728723	-1.37226	0.449764	1.09584	1.09584	0.687263	0.953048	-1.04926	0.554038	0.931345	-1.07372	0.36384	0.895037	-1.11727	0.560412	1.07246	1.07246	0.0108477	0.683757	-1.46251	0.977103	0.996595	-1.00342	0.260499	1.14965	1.14965	2.56007	0.572521	0.198787	1
cg09359907	PIK3R5	0.100107	0.203445	2.81096	2.81096	0.165056	3.12728	3.12728	0.543234	0.622656	-1.60602	0.778056	0.804485	-1.24303	0.0810739	0.22557	-4.4332	0.49768	0.588566	-1.69904	0.941749	1.05788	1.05788	0.011168	11.571	11.571	0.244297	2.5544	2.5544	2.56006	24.0338	8.34488	1
cg07198771	SYTL4;SYTL4	0.100107	0.278515	0.611858	-1.63437	0.453758	1.39475	1.39475	0.471587	1.37611	1.37611	0.0163451	3.59581	3.59581	0.237053	0.582704	-1.71614	0.0775502	0.425129	-2.35223	0.163509	1.91234	1.91234	0.355804	1.51301	1.51301	0.45282	1.39575	1.39575	2.56005	7.70676	2.6759	1
cg09036996	SH2D3A	0.100108	0.0225717	5.45868	5.45868	0.119901	2.85342	2.85342	0.130259	2.761	2.761	0.210977	2.26832	2.26832	0.240832	2.14487	2.14487	0.307991	1.92659	1.92659	0.866118	0.90045	-1.11056	0.0118069	7.0564	7.0564	0.0673596	3.57458	3.57458	2.56005	15.6583	5.4368	1
cg03250220	NCRNA00116	0.100109	0.126608	0.447761	-2.23333	0.00788466	0.190648	-5.24527	0.599043	1.29431	1.29431	0.798179	0.882857	-1.13269	0.442581	0.683394	-1.46329	0.217047	0.531776	-1.88049	0.138864	0.46087	-2.16981	0.131161	0.452718	-2.20888	0.226396	1.8545	1.8545	2.56003	9.58609	3.32846	1
cg23275064	ALLC	0.10011	0.0276299	0.26982	-3.70618	0.958089	0.973911	-1.02679	0.375207	1.58062	1.58062	0.795228	1.13977	1.13977	0.483737	1.43047	1.43047	0.6679	0.804839	-1.24248	0.0109992	0.200943	-4.97653	0.939387	1.039	1.039	0.114375	0.421539	-2.37226	2.56002	10.2595	3.56229	1
cg13965276	RBM4	0.100115	0.0110913	0.296362	-3.37425	0.482464	0.761397	-1.31337	?	?	?	0.793985	1.1051	1.1051	0.960059	0.981057	-1.01931	0.186414	1.70728	1.70728	0.823643	1.08898	1.08898	0.0446176	0.414564	-2.41217	0.582125	1.23644	1.23644	2.58805	5.31328	2.05301	1
cg07820280	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.100116	0.449514	0.861217	-1.16115	0.0150619	0.560323	-1.78468	0.34247	0.827266	-1.2088	0.429555	1.16923	1.16923	0.0794005	1.45868	1.45868	0.860383	0.966442	-1.03472	0.077949	1.46194	1.46194	0.430838	0.855652	-1.1687	0.782236	1.05519	1.05519	2.55996	1.52408	0.529203	1
cg26874542	FGF18	0.10012	0.0637803	0.317934	-3.1453	0.03958	0.270116	-3.70211	0.0148193	0.192316	-5.19978	0.229661	0.500011	-1.99996	0.0813567	0.34562	-2.89335	0.228183	0.498802	-2.0048	0.042863	0.277571	-3.60268	0.0973111	0.367666	-2.71986	0.409268	0.628704	-1.59057	2.55992	12.2604	4.25722	1
cg09168997	ATP1A2	0.100122	0.0581831	0.295526	-3.3838	0.0380507	0.254313	-3.93216	0.417906	0.624172	-1.60212	0.755984	1.19422	1.19422	0.0157808	0.185609	-5.38766	0.0649745	0.307307	-3.25407	0.204509	0.466571	-2.14329	0.667738	1.27875	1.27875	0.21113	0.472299	-2.1173	2.55989	13.1438	4.564	1
cg02387474	RERE;RERE	0.100122	0.0104408	0.57475	-1.73989	0.243159	1.23342	1.23342	0.138922	1.31471	1.31471	0.995819	1.0009	1.0009	0.355605	0.849395	-1.17731	0.939069	0.986953	-1.01322	0.0567658	0.69046	-1.44831	0.970805	0.993733	-1.00631	0.74942	1.05659	1.05659	2.55989	1.19634	0.415415	1
cg01586768	EDC4	0.100122	0.876338	1.09439	1.09439	0.614936	1.34149	1.34149	0.123809	0.380838	-2.62579	0.514609	0.681981	-1.46632	0.903571	1.07272	1.07272	0.174042	0.432758	-2.31076	0.00485948	0.115006	-8.69523	0.40936	1.63021	1.63021	0.16064	0.419788	-2.38215	2.55989	13.6009	4.72272	1
cg24879595	ARF6;ARF6	0.100123	0.257048	1.42953	1.42953	0.0455237	1.9993	1.9993	0.452608	1.26005	1.26005	0.393588	1.30213	1.30213	0.981626	1.00698	1.00698	0.125823	0.606285	-1.64939	0.249494	0.695175	-1.43849	0.027472	2.19857	2.19857	0.117695	1.67077	1.67077	2.55988	3.70002	1.28479	1
cg20488757	C11orf58;C11orf58	0.100123	0.665804	0.93525	-1.06923	0.777831	1.04454	1.04454	0.0237771	1.51541	1.51541	0.560954	1.09479	1.09479	0.105911	1.31267	1.31267	0.205057	1.22873	1.22873	0.024667	1.51003	1.51003	0.223214	1.21793	1.21793	0.0254494	1.50548	1.50548	2.55988	0.962143	0.334093	1
cg00721125	FBXO31;FBXO31	0.100123	0.826472	1.0614	1.0614	0.211486	0.699589	-1.42941	0.960108	0.986517	-1.01367	0.636252	1.13803	1.13803	0.817044	1.06492	1.06492	0.371327	0.779476	-1.28291	0.00249405	0.31968	-3.12813	0.226488	0.70846	-1.41151	0.538951	0.844652	-1.18392	2.55988	2.98642	1.037	1
cg04963066	ZNF250;ZNF250	0.100126	0.814037	0.948175	-1.05466	0.522975	0.863977	-1.15744	0.281374	0.776581	-1.28769	0.0843697	0.649739	-1.53908	0.895094	1.03024	1.03024	0.062019	1.6073	1.6073	0.176715	1.3831	1.3831	0.0309743	0.564378	-1.77186	0.266439	1.29888	1.29888	2.55985	2.0679	0.718065	1
cg03280839	LRRN1	0.100127	0.118624	0.70804	-1.41235	0.0194909	0.56244	-1.77797	0.166262	0.740195	-1.351	0.535838	1.1363	1.1363	0.137176	1.38582	1.38582	0.741447	1.06981	1.06981	0.113398	1.42063	1.42063	0.544832	1.13304	1.13304	0.676985	0.918162	-1.08913	2.55984	1.68395	0.584741	1
cg16801535	SRGAP3;SRGAP3	0.100128	?	?	?	?	?	?	?	?	?	0.684507	1.4875	1.4875	?	?	?	?	?	?	0.0815032	8.19285	8.19285	?	?	?	0.0395085	15.4039	15.4039	4.18714	17.9704	5.7224	1
cg00686880	RIPK4	0.10013	0.0479393	9.49734	9.49734	0.0369667	11.1536	11.1536	0.182193	4.09397	4.09397	0.286055	3.01298	3.01298	0.77312	1.33344	1.33344	0.217218	3.64162	3.64162	0.840909	1.2215	1.2215	0.0162424	18.6561	18.6561	0.0305721	12.5479	12.5479	2.5598	40.1772	13.9515	1
cg21209310	LRRN4	0.100133	0.87644	0.931693	-1.07332	0.164005	1.96461	1.96461	0.0677162	0.394319	-2.53602	0.320567	0.627076	-1.5947	0.228321	0.56273	-1.77705	0.065983	0.391435	-2.5547	0.0321818	0.319537	-3.12953	0.0391246	0.337702	-2.96119	0.593122	0.782514	-1.27793	2.55978	8.38261	2.91088	1
cg08310363	MIR181C;MIR181D	0.100136	0.089115	3.08911	3.08911	0.169719	2.41064	2.41064	0.236077	2.11048	2.11048	0.200682	2.25482	2.25482	0.0393165	4.19702	4.19702	0.45438	1.5816	1.5816	0.00891981	7.4	7.4	0.0368019	4.30208	4.30208	0.21644	2.18687	2.18687	2.55974	14.6714	5.09475	1
cg15968297	CTBP1;CTBP1	0.100139	0.408325	0.838341	-1.19283	0.0325768	1.6846	1.6846	0.179945	1.34571	1.34571	0.0519725	0.630656	-1.58565	0.467086	1.16683	1.16683	0.976651	1.00612	1.00612	0.0562217	1.56959	1.56959	0.431556	0.845887	-1.18219	0.496845	1.15469	1.15469	2.55971	1.76231	0.611983	1
cg10023272	ALX3	0.100144	0.0400698	15.6481	15.6481	0.425955	2.56614	2.56614	0.0663613	10.8808	10.8808	0.138212	6.36179	6.36179	0.10601	7.74131	7.74131	0.514644	0.464871	-2.15114	0.554947	0.500457	-1.99818	0.0162049	30.2399	30.2399	0.393587	2.75398	2.75398	2.55965	54.4771	18.9183	1
cg22372815	LGR5;LGR5	0.100145	0.0296006	1.64174	1.64174	0.562045	1.12016	1.12016	0.741934	1.06605	1.06605	0.0803266	1.45573	1.45573	0.165833	1.33117	1.33117	0.0206087	1.71557	1.71557	0.919061	0.980517	-1.01987	0.828099	1.04299	1.04299	0.144904	0.738559	-1.35399	2.55964	1.51892	0.527477	1
cg13862927	APBA1	0.100145	0.798843	0.88813	-1.12596	0.00511374	0.179323	-5.57652	0.196499	0.530234	-1.88596	0.839388	0.91003	-1.09886	0.525507	0.741652	-1.34834	0.109168	0.444175	-2.25136	0.438045	0.692472	-1.4441	0.184802	0.520272	-1.92207	0.186072	1.91802	1.91802	2.55964	8.74925	3.03836	1
cg16685990	C1orf159	0.100147	0.37311	0.77797	-1.2854	0.169007	0.668725	-1.49538	0.387332	0.78403	-1.27546	0.677163	0.891395	-1.12184	0.0340951	0.507094	-1.97202	0.985377	1.00505	1.00505	0.0335001	1.97797	1.97797	0.28511	0.737222	-1.35644	0.0560888	0.552044	-1.81145	2.55962	3.05658	1.06147	1
cg20510285	NEDD9	0.100148	0.0390541	0.301838	-3.31303	0.332247	0.605531	-1.65144	0.609134	1.29515	1.29515	0.179479	0.489163	-2.04431	0.0278974	0.27171	-3.68039	0.254817	0.550864	-1.81533	0.0124118	0.21	-4.76189	0.292312	0.578145	-1.72967	0.216151	0.520604	-1.92085	2.55961	10.1959	3.54078	1
cg02398106	WNT7A	0.100148	0.174296	2.00276	2.00276	0.288184	1.69882	1.69882	0.470363	0.702619	-1.42325	0.515475	1.3729	1.3729	0.060375	0.361364	-2.76729	0.282033	0.584339	-1.71134	0.121931	0.446762	-2.23833	0.0308977	3.38047	3.38047	0.620843	1.27079	1.27079	2.55961	9.36324	3.25162	1
cg11977562	RASA3	0.100148	0.0696299	0.711631	-1.40522	0.0819758	0.723897	-1.38141	0.00461325	0.531524	-1.88138	0.431342	1.14413	1.14413	0.646684	0.925542	-1.08045	0.944951	0.98849	-1.01164	0.644942	0.925158	-1.0809	0.641223	0.924336	-1.08186	0.318299	0.841198	-1.18878	2.55961	1.13943	0.395697	1
cg21527078	VGLL4;VGLL4;VGLL4;VGLL4;VGLL4	0.100154	0.364433	0.72664	-1.3762	0.0193442	0.379418	-2.63561	0.97616	0.989814	-1.01029	0.56304	0.818452	-1.22182	0.142816	0.582952	-1.71541	0.27457	0.677386	-1.47626	0.0102116	0.329685	-3.0332	0.504494	1.26119	1.26119	0.639234	1.17559	1.17559	2.55954	4.75899	1.65272	1
cg07959490	CCDC57	0.100155	0.992061	1.00349	1.00349	0.187551	0.613427	-1.63019	0.286219	0.678741	-1.47332	0.888621	1.05025	1.05025	0.00213365	0.22095	-4.52591	0.867811	1.06002	1.06002	0.860506	0.94031	-1.06348	0.761801	0.899089	-1.11224	0.825622	1.08027	1.08027	2.55953	4.96289	1.72354	1
cg08250444	EFNA1;EFNA1	0.100157	0.419346	0.830027	-1.20478	0.0614399	1.60919	1.60919	0.560185	0.875462	-1.14225	0.0331944	0.569999	-1.75439	0.338938	1.24925	1.24925	0.0509525	0.605327	-1.652	0.895747	0.970834	-1.03004	0.66127	1.10467	1.10467	0.204768	1.3527	1.3527	2.55951	2.06643	0.717649	1
cg03693434	FASN	0.100162	0.188704	0.792212	-1.26229	0.0400672	0.672442	-1.48712	0.115199	0.750912	-1.33171	0.455845	0.880705	-1.13545	0.00846557	0.569933	-1.75459	0.365788	0.856058	-1.16814	0.24335	1.22652	1.22652	0.733237	0.944386	-1.05889	0.813661	0.961277	-1.04028	2.55945	1.13402	0.39384	1
cg20401551	SCARF2;SCARF2	0.100165	0.661259	1.46363	1.46363	0.35342	2.28799	2.28799	0.0333887	9.01847	9.01847	?	?	?	?	?	?	0.0154392	14.1597	14.1597	?	?	?	0.628524	0.656221	-1.52388	0.759029	1.30432	1.30432	2.82514	21.7522	8.98276	1
cg03381408	XKR6	0.100166	0.341783	0.755498	-1.32363	0.534102	0.835068	-1.19751	0.866297	0.952912	-1.04942	0.956284	0.984432	-1.01581	0.0114292	0.404134	-2.47443	0.436119	0.796591	-1.25535	0.140535	1.57428	1.57428	0.056272	1.8566	1.8566	0.549523	1.18926	1.18926	2.55941	3.32111	1.15343	1
cg04966972	KCNK15	0.100166	0.0353051	0.465261	-2.14933	0.0167347	0.401887	-2.48826	0.0851325	0.552012	-1.81155	0.239449	0.680777	-1.46891	0.185616	0.645253	-1.54978	0.571999	0.836732	-1.19513	0.138747	0.608078	-1.64453	0.0355536	0.465896	-2.1464	0.065984	0.525266	-1.9038	2.5594	3.9495	1.37167	1
cg15833634	MPRIP;MPRIP	0.100169	0.420909	1.16964	1.16964	0.869697	1.03178	1.03178	0.506033	0.879331	-1.13723	0.363384	1.19485	1.19485	0.0069985	0.514442	-1.94385	0.0697861	1.47174	1.47174	0.352293	1.20011	1.20011	0.874505	0.970327	-1.03058	0.588707	1.10964	1.10964	2.55937	1.47219	0.511302	1
cg14625636	KIAA1529	0.10017	0.177635	2.07832	2.07832	0.0361908	3.46895	3.46895	0.436162	1.50029	1.50029	0.245041	1.86066	1.86066	0.0835931	0.376111	-2.65879	0.364651	1.6091	1.6091	0.0673582	2.84831	2.84831	0.0506394	3.11828	3.11828	0.199028	1.99968	1.99968	2.55936	10.5694	3.67087	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18553305	TEAD4;TEAD4;TEAD4	0.100173	0.432459	0.871718	-1.14716	0.0472113	0.677639	-1.47571	0.627387	0.919588	-1.08744	0.5791	0.908442	-1.10079	0.0504529	0.682445	-1.46532	0.156806	0.771415	-1.29632	0.434581	1.14641	1.14641	0.103921	0.737335	-1.35623	0.0586183	1.44211	1.44211	2.55933	1.19046	0.413461	1
cg23693200	PRND	0.100175	0.13069	0.640449	-1.56141	0.7534	0.917557	-1.08985	0.285693	1.35353	1.35353	0.0347057	0.510617	-1.95842	0.823135	0.940713	-1.06302	0.605038	1.15308	1.15308	0.424768	0.800484	-1.24924	0.0315445	1.99049	1.99049	0.175315	1.48214	1.48214	2.55931	3.02114	1.04929	1
cg19296258	RPTOR;RPTOR	0.100176	0.0132781	2.6979	2.6979	0.193107	0.640521	-1.56123	0.794147	0.918899	-1.08826	0.198453	1.55205	1.55205	0.938264	0.975257	-1.02537	0.983895	0.993492	-1.00655	0.032276	2.25001	2.25001	0.127984	1.70275	1.70275	0.72243	1.12228	1.12228	2.55929	4.24053	1.47281	1
cg03851984	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2E	0.100178	0.530526	1.15076	1.15076	0.901554	0.973019	-1.02773	0.639844	1.10978	1.10978	0.552434	1.14207	1.14207	0.21595	1.33352	1.33352	0.00705608	2.15899	2.15899	0.981871	0.994991	-1.00503	0.108069	1.4733	1.4733	0.0179712	1.88787	1.88787	2.55927	1.98001	0.687701	1
cg22549041	CYP1A1	0.100182	0.309012	2.24494	2.24494	0.0223367	8.18902	8.18902	0.761476	1.26344	1.26344	0.967366	0.969064	-1.03192	0.271589	0.415164	-2.40869	0.0455327	0.171807	-5.82049	0.272478	0.415895	-2.40445	0.273788	0.416972	-2.39824	0.226193	2.65408	2.65408	2.55923	23.9132	8.30569	1
cg08457906	GNA11	0.100182	0.606474	1.11001	1.11001	0.00778285	1.9865	1.9865	0.513119	0.875269	-1.14251	0.675359	1.08829	1.08829	0.502924	0.872354	-1.14632	0.153126	1.35974	1.35974	0.093491	0.690355	-1.44853	0.915017	0.978787	-1.02167	0.24142	1.2793	1.2793	2.55923	1.63539	0.568014	1
cg13607138	GSS	0.100184	0.615404	0.909664	-1.09931	0.500429	0.879993	-1.13637	0.111932	0.723575	-1.38203	0.727439	1.06759	1.06759	0.82085	1.04331	1.04331	0.573595	1.11214	1.11214	0.00416035	2.0502	2.0502	0.81415	1.045	1.045	0.318224	1.21268	1.21268	2.5592	1.4161	0.491854	1
cg00947782	RNF39;RNF39	0.100187	0.0698974	8.9918	8.9918	0.100097	7.04585	7.04585	0.224465	3.98586	3.98586	0.138326	5.63553	5.63553	0.193999	4.43328	4.43328	0.784634	1.34561	1.34561	0.149736	5.33113	5.33113	0.0122048	29.4876	29.4876	0.0210829	20.2085	20.2085	2.55917	47.5958	16.5317	1
cg17613710	HEATR2	0.100187	0.167528	0.57714	-1.73268	0.0556006	0.444657	-2.24892	0.169574	0.57886	-1.72753	0.898195	1.04899	1.04899	0.011485	0.306833	-3.2591	0.0206316	0.352899	-2.83367	0.611234	0.825694	-1.2111	0.946681	1.0253	1.0253	0.591261	0.816649	-1.22452	2.55917	5.65817	1.96528	1
cg18509540	C22orf39;C22orf39	0.100189	0.0212559	0.405084	-2.46862	0.322241	1.39615	1.39615	0.0655863	1.96285	1.96285	0.652027	0.862302	-1.15969	0.133868	0.590004	-1.6949	0.379047	1.34249	1.34249	0.793189	0.917824	-1.08953	0.415361	1.3122	1.3122	0.158556	0.611479	-1.63538	2.55915	4.317	1.49946	1
cg15044932	POTEH	0.100189	0.781915	0.793496	-1.26025	0.211227	0.333573	-2.99785	0.203106	0.326324	-3.06444	0.932277	1.07341	1.07341	0.00296158	0.033371	-29.9661	0.900563	0.901049	-1.10982	0.418264	0.501858	-1.99259	0.755712	1.2971	1.2971	0.0971612	0.219271	-4.56056	2.55915	28.16	9.78102	1
cg20705321	C19orf38	0.100191	0.641455	1.52476	1.52476	0.349596	2.37762	2.37762	0.653119	0.665686	-1.50221	0.724047	0.72698	-1.37555	0.0103826	0.0548418	-18.2343	0.154775	0.254149	-3.9347	0.0201336	0.0803437	-12.4465	0.969307	0.965982	-1.03522	0.365616	0.433383	-2.30743	2.55913	32.7938	11.3906	1
ch.3.541850R	TOP2B	0.100192	0.86728	1.06096	1.06096	0.0328708	2.41808	2.41808	0.8963	0.954915	-1.04721	0.682154	1.15682	1.15682	0.766552	0.900025	-1.11108	0.060754	0.47335	-2.1126	0.0192972	0.367436	-2.72157	0.545634	0.805432	-1.24157	0.542127	1.24398	1.24398	2.55912	5.07302	1.76207	1
cg08410691	ELFN1	0.100196	0.185158	1.79492	1.79492	0.0438813	2.62257	2.62257	0.0729192	2.29958	2.29958	0.543786	1.29149	1.29149	0.177372	0.550578	-1.81627	0.950615	0.974546	-1.02612	0.0325183	2.83417	2.83417	0.060672	2.41183	2.41183	0.313891	1.54277	1.54277	2.55908	7.02347	2.43958	1
cg20500854	BCL11B;BCL11B	0.100197	0.0101916	0.151768	-6.58903	0.0310587	0.229234	-4.36236	0.0554646	0.282741	-3.5368	0.819506	0.875458	-1.14226	0.948365	1.03841	1.03841	0.333247	0.559429	-1.78754	0.0889212	0.335581	-2.97991	0.213789	0.466827	-2.14212	0.976876	0.983274	-1.01701	2.55906	13.7263	4.76783	1
cg18988327	FHOD3	0.100198	0.997235	0.999628	-1.00037	0.842022	1.02166	1.02166	0.0176015	0.733343	-1.36362	0.0709321	1.24191	1.24191	0.162441	0.852024	-1.17368	0.502622	1.07579	1.07579	0.0782677	1.23374	1.23374	0.891007	0.985386	-1.01483	0.488639	0.927243	-1.07847	2.55905	0.467316	0.162323	1
cg09274451	ANKRD11	0.1002	0.0210748	1.26186	1.26186	0.343293	0.921411	-1.08529	0.626013	1.04204	1.04204	0.0143914	1.28777	1.28777	0.306453	1.09283	1.09283	0.370535	0.925805	-1.08014	0.697623	1.03327	1.03327	0.49715	0.943845	-1.0595	0.337607	1.08641	1.08641	2.55903	0.284868	0.0989498	1
cg01138720	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.1002	0.0322614	0.327471	-3.05371	0.107077	0.456949	-2.18843	0.178844	0.529492	-1.8886	0.175221	0.526319	-1.89999	0.0212742	0.291557	-3.42986	0.174211	0.525427	-1.90321	0.0508607	0.37144	-2.69222	0.0520308	0.373783	-2.67535	0.0754485	0.414315	-2.41362	2.55903	8.03359	2.7905	1
cg04909834	ARHGEF10	0.100202	0.0831062	1.49332	1.49332	0.190033	1.33654	1.33654	0.43473	0.846561	-1.18125	0.575809	1.12541	1.12541	0.784647	1.05892	1.05892	0.0462775	1.61151	1.61151	0.0201319	1.79655	1.79655	0.470206	1.16596	1.16596	0.145704	0.721464	-1.38607	2.55901	1.77036	0.614945	1
cg24578857	PLD6	0.100203	0.0503073	0.0736682	-13.5744	0.15156	0.165947	-6.02604	0.399137	0.364577	-2.74291	0.978554	0.969067	-1.03192	0.431745	0.391429	-2.55474	0.0673043	0.0910184	-10.9868	0.0207487	0.0386013	-25.9059	0.02947	0.0499345	-20.0262	0.0537881	0.0773339	-12.9309	2.559	55.3785	19.2361	1
cg13014058	MYL12B;MYL12B;MYL12B;MYL12B	0.100204	0.932051	0.977125	-1.02341	0.109643	1.60525	1.60525	0.390653	0.787661	-1.26958	0.0458739	0.537397	-1.86082	0.553819	0.850003	-1.17647	0.29726	1.34076	1.34076	0.0178122	0.45762	-2.18522	0.331927	1.3121	1.3121	0.643658	0.881256	-1.13474	2.55899	2.98438	1.03665	1
cg16769688	MRPS34;EME2	0.100209	0.804675	1.05503	1.05503	0.354771	0.813981	-1.22853	0.573196	1.13096	1.13096	0.929693	0.981102	-1.01926	0.959769	0.989153	-1.01097	0.984316	1.00426	1.00426	0.00192841	0.387158	-2.58293	0.942639	1.01568	1.01568	0.91975	1.02203	1.02203	2.55894	1.89437	0.65804	1
cg15476425	RPTOR;RPTOR	0.100211	0.100835	0.719765	-1.38934	0.982428	0.995978	-1.00404	0.265987	1.23626	1.23626	0.149257	1.32707	1.32707	0.805461	0.955852	-1.04619	0.132531	0.743042	-1.34582	0.0479399	0.661166	-1.51248	0.070242	0.690529	-1.44817	0.24062	1.25206	1.25206	2.55891	1.35691	0.471352	1
cg19720302	C17orf58;C17orf58	0.100213	0.0350035	0.280174	-3.56921	0.126373	2.35482	2.35482	0.298677	1.74702	1.74702	0.174463	2.11307	2.11307	0.35615	1.63486	1.63486	0.304583	1.73439	1.73439	0.367782	1.61469	1.61469	0.336345	1.671	1.671	0.0649559	0.341857	-2.9252	2.55889	10.8711	3.77632	1
cg22870295	ATXN7L1	0.100215	0.297051	0.816099	-1.22534	0.621648	1.09802	1.09802	0.118345	1.37537	1.37537	0.00994601	0.542273	-1.84409	0.188539	0.769601	-1.29937	0.791787	0.951483	-1.05099	0.153838	0.750509	-1.33243	0.855687	0.966358	-1.03481	0.104228	0.716144	-1.39637	2.55887	1.43197	0.497432	1
cg23238147	KIAA1026;C1orf126	0.100215	0.104931	0.581953	-1.71835	0.822195	0.933544	-1.07119	0.0998863	0.576444	-1.73477	0.227111	0.678808	-1.47317	0.0893417	0.564208	-1.7724	0.933915	0.974981	-1.02566	0.45659	0.793227	-1.26067	0.0222234	2.31035	2.31035	0.1663	0.637023	-1.5698	2.55886	3.78294	1.31411	1
cg00722362	FHL3	0.100216	0.183558	0.762818	-1.31093	0.0774661	1.45731	1.45731	0.411999	0.851332	-1.17463	0.578668	1.11365	1.11365	0.00999301	0.535733	-1.8666	0.562206	1.119	1.119	0.929678	0.983206	-1.01708	0.685991	1.08111	1.08111	0.162777	0.751334	-1.33097	2.55885	1.49213	0.518332	1
cg06712722	FAM129B;FAM129B	0.100217	0.022895	0.279214	-3.58148	0.967705	0.981204	-1.01916	0.209967	1.85745	1.85745	0.025974	0.289775	-3.45095	0.142436	0.477608	-2.09377	0.829771	1.10617	1.10617	0.813688	0.895256	-1.117	0.726646	1.17879	1.17879	0.0897499	0.416192	-2.40274	2.55884	8.90161	3.09224	1
cg18788355	ZNF253	0.100218	0.541911	0.82834	-1.20723	0.0131715	0.391588	-2.5537	0.243585	0.68924	-1.45087	0.809826	0.929099	-1.07631	0.0413613	2.0497	2.0497	0.984963	1.00577	1.00577	0.408601	1.2941	1.2941	0.370931	0.7556	-1.32345	0.181108	0.648498	-1.54202	2.55883	3.7707	1.30987	1
cg12962308	OR5D16	0.100221	0.0179469	0.0978717	-10.2175	0.860177	0.867203	-1.15313	0.0486018	0.161958	-6.17444	0.37878	2.07448	2.07448	0.343572	0.45454	-2.20003	0.528492	0.596873	-1.6754	0.560846	1.60838	1.60838	0.197416	0.332509	-3.00744	0.0294196	0.125832	-7.94709	2.5588	26.4652	9.19364	1
cg21988813	BEST1;BEST1	0.100223	0.846058	1.05629	1.05629	0.968727	1.01111	1.01111	0.692496	0.894053	-1.1185	0.0596909	0.549514	-1.81979	0.165504	1.51701	1.51701	0.357237	1.30574	1.30574	0.0332417	2.0162	2.0162	0.155039	1.53535	1.53535	0.0914556	0.592351	-1.68819	2.55878	3.217	1.11755	1
cg15681145	HMBOX1;HMBOX1	0.100225	0.778491	1.04979	1.04979	0.610209	1.09263	1.09263	0.754235	1.05561	1.05561	0.655008	0.925432	-1.08058	0.164026	0.774229	-1.29161	0.108537	0.739603	-1.35208	0.042499	1.4956	1.4956	0.917508	1.01801	1.01801	0.0167797	1.65356	1.65356	2.55875	1.20327	0.418007	1
cg16929959	TNFSF13B;TNFSF13B	0.100227	0.87008	1.03652	1.03652	0.0150038	0.519369	-1.92541	0.159919	0.719639	-1.38958	0.576624	1.13155	1.13155	0.425752	1.19507	1.19507	0.170255	1.37716	1.37716	0.132036	1.42785	1.42785	0.178095	0.730866	-1.36824	0.501135	1.16137	1.16137	2.55874	1.94549	0.675852	1
cg09677007	AGAP1;AGAP1	0.100229	0.91663	0.976671	-1.02389	0.00649104	2.29849	2.29849	0.694111	1.09327	1.09327	0.206343	0.738639	-1.35384	0.531533	0.866628	-1.1539	0.194334	0.731825	-1.36645	0.138275	1.4389	1.4389	0.884478	1.03332	1.03332	0.666965	1.10261	1.10261	2.72182	2.14441	0.612781	1
cg08334575	DOHH;DOHH	0.100231	0.0301364	4.05629	4.05629	0.473559	0.670135	-1.49224	0.464782	1.50462	1.50462	0.825515	0.885817	-1.1289	0.0693462	3.05165	3.05165	0.894172	0.92952	-1.07582	0.0213541	4.56723	4.56723	0.198317	2.1097	2.1097	0.066719	3.09223	3.09223	2.55869	12.2199	4.24519	1
cg04783228	ABCA3	0.100231	0.120388	1.22263	1.22263	0.0957192	0.803853	-1.24401	0.216404	0.856237	-1.1679	0.280048	1.14337	1.14337	0.15434	0.833666	-1.19952	0.498729	1.08539	1.08539	0.0630362	1.28339	1.28339	0.469626	0.915968	-1.09174	0.126148	0.820827	-1.21828	2.55869	0.576911	0.200419	1
cg03218019	DDOST	0.100233	0.00272228	0.0738405	-13.5427	0.612449	0.724981	-1.37935	0.697874	0.782244	-1.27837	0.0800017	0.294371	-3.39708	0.0964327	0.31692	-3.15538	0.764092	0.827385	-1.20863	0.563839	0.692574	-1.44389	0.300455	0.508901	-1.96502	0.69506	0.780344	-1.28149	2.55867	16.0615	5.57981	1
cg11967108	MAML3	0.100233	0.170014	0.276179	-3.62084	0.448881	1.97276	1.97276	0.451221	1.96561	1.96561	0.761017	0.764475	-1.30809	0.493444	0.542098	-1.84469	0.612275	0.637644	-1.56827	0.00553231	0.040366	-24.7733	0.270372	0.364079	-2.74665	0.0579391	0.1515	-6.60065	2.55867	31.41	10.9119	1
cg27338935	TPPP	0.100235	0.425193	0.784906	-1.27404	0.290333	1.38593	1.38593	0.758917	0.912515	-1.09587	0.449772	1.2574	1.2574	0.142104	0.625394	-1.59899	0.856328	0.947528	-1.05538	0.00509124	0.332514	-3.00739	0.410592	1.28435	1.28435	0.257557	0.70371	-1.42104	2.55865	3.58424	1.24519	1
cg11172423	CLDN19;CLDN19	0.100235	0.407914	1.22375	1.22375	0.0270591	1.86696	1.86696	0.862705	1.04215	1.04215	0.451853	1.20062	1.20062	0.658372	1.11198	1.11198	0.521477	1.16765	1.16765	0.00619129	2.34321	2.34321	0.0624719	1.64894	1.64894	0.135335	1.4681	1.4681	2.55865	2.30571	0.801017	1
cg22038928	SFT2D1	0.100236	0.906481	0.983275	-1.01701	0.800916	0.964388	-1.03693	0.444892	1.11825	1.11825	0.511622	1.10024	1.10024	0.205669	1.21119	1.21119	0.0238729	1.47239	1.47239	0.0134675	0.644648	-1.55123	0.849334	0.973076	-1.02767	0.666873	1.06412	1.06412	2.55863	0.834608	0.289949	1
cg01477633	HK1;HK1;HK1;HK1;HK1	0.100238	0.440986	0.917932	-1.08941	0.0732679	1.24702	1.24702	0.00948277	1.44926	1.44926	0.283442	1.12953	1.12953	0.129853	0.835331	-1.19713	0.674265	0.955069	-1.04704	0.297863	1.12514	1.12514	0.724613	1.03921	1.03921	0.894611	1.01451	1.01451	2.7217	0.498183	0.142365	1
cg07230999	ST7;ST7	0.10024	0.0975146	0.288368	-3.4678	0.214017	0.408696	-2.4468	0.025379	0.162434	-6.15635	0.594008	0.692144	-1.44479	0.0271143	0.167103	-5.98435	0.0914117	0.280456	-3.56563	0.032425	0.18037	-5.54417	0.560216	0.668408	-1.49609	0.0630811	0.239344	-4.17809	2.5586	18.9544	6.58499	1
cg08268017	FAM92A1	0.100241	0.730455	0.873866	-1.14434	0.271284	0.639871	-1.56282	0.0383955	2.54795	2.54795	0.463581	1.33756	1.33756	0.311706	0.664971	-1.50383	0.940869	1.02934	1.02934	0.0519316	0.422246	-2.36829	0.0292631	0.367414	-2.72172	0.901817	1.04929	1.04929	2.55858	6.15873	2.13964	1
cg05701765	TNXB;STK19;TNXA;STK19	0.100243	0.726863	0.926129	-1.07976	0.790296	1.06006	1.06006	0.955773	0.987937	-1.01221	0.995797	0.998848	-1.00115	0.0145311	0.517463	-1.93251	0.328363	1.24704	1.24704	0.52572	0.868739	-1.15109	0.105064	1.47342	1.47342	0.0317783	0.576499	-1.73461	2.55856	1.94058	0.674191	1
cg09370277	SNORD116-2;SNORD116-6	0.100243	0.771305	0.953658	-1.04859	0.643356	0.926901	-1.07886	0.0645629	1.40216	1.40216	0.258852	1.21141	1.21141	0.833114	0.966232	-1.03495	0.946892	1.0109	1.0109	0.0870774	1.36016	1.36016	0.00699361	1.76453	1.76453	0.508422	0.896533	-1.11541	2.55855	1.07402	0.373135	1
cg10326904	TRAF3;TRAF3;TRAF3	0.100247	0.931305	0.980606	-1.01978	0.0398114	1.73732	1.73732	0.297223	1.27997	1.27997	0.602272	1.12704	1.12704	0.110238	1.49288	1.49288	0.528973	1.15623	1.15623	0.0222726	1.8974	1.8974	0.298664	0.781892	-1.27895	0.132314	0.68845	-1.45254	2.72158	2.17711	0.622177	1
cg14008571	PRDM16;PRDM16	0.100248	0.394236	0.558899	-1.78923	0.0259412	0.171606	-5.82731	0.0710958	0.260752	-3.83506	0.42051	1.73096	1.73096	0.804569	0.847651	-1.17973	0.948776	1.04376	1.04376	0.740526	1.24803	1.24803	0.043458	4.70282	4.70282	0.246928	2.24156	2.24156	2.5585	18.011	6.25748	1
cg26745332	ATOH1	0.100249	0.114634	0.698129	-1.4324	0.414902	1.1907	1.1907	0.215145	1.31424	1.31424	0.0306544	0.587537	-1.70202	0.0713771	0.655906	-1.52461	0.425346	0.843249	-1.18589	0.617267	1.11128	1.11128	0.502739	1.15309	1.15309	0.140895	1.39332	1.39332	2.5585	1.77732	0.617488	1
cg07159023	KRT32	0.100251	0.688457	1.19925	1.19925	0.0626184	0.388857	-2.57164	0.026654	0.30601	-3.26786	0.381491	1.49876	1.49876	0.312838	0.624612	-1.60099	0.820331	1.10799	1.10799	0.46434	0.714816	-1.39896	0.109429	0.455296	-2.19637	0.080972	2.39235	2.39235	2.55847	8.23468	2.86098	1
cg08765199	CPA1	0.100254	0.835799	1.04973	1.04973	0.100473	1.52317	1.52317	0.17642	1.39946	1.39946	0.709212	1.09155	1.09155	0.0100925	0.468073	-2.13642	0.687855	0.909874	-1.09905	0.651881	1.11205	1.11205	0.722692	1.0869	1.0869	0.0940441	1.53808	1.53808	2.55844	2.21598	0.769906	1
cg22927789	C12orf73	0.100255	0.271056	0.717837	-1.39307	0.854273	1.05463	1.05463	0.731481	1.10479	1.10479	0.103256	1.67461	1.67461	0.0441454	1.95228	1.95228	0.81727	0.935233	-1.06925	0.0574857	0.537106	-1.86183	0.0565338	0.535496	-1.86743	0.679288	1.12781	1.12781	2.55842	3.39154	1.17834	1
cg19497702	SNX8	0.100258	0.0609474	0.292248	-3.42175	0.148492	0.40549	-2.46616	0.874234	0.911869	-1.09665	0.555729	0.706734	-1.41496	0.0456135	0.263159	-3.79998	0.11307	0.366244	-2.73042	0.0345143	0.237891	-4.20361	0.0136113	0.168994	-5.91736	0.310479	0.542685	-1.84269	2.55839	13.7456	4.77577	1
cg13109558	NUBPL	0.100258	0.0317046	0.219139	-4.56331	0.971769	0.978894	-1.02156	0.0677013	0.2912	-3.43406	?	?	?	0.27045	1.99707	1.99707	0.577303	1.4041	1.4041	0.119035	2.7728	2.7728	0.170595	2.41006	2.41006	0.541393	1.45161	1.45161	2.58642	13.2311	5.11559	1
cg10619342	LOC390594	0.10026	0.702634	0.865835	-1.15496	0.873879	0.942083	-1.06148	0.419103	0.733399	-1.36351	0.828872	0.921918	-1.08469	0.00248268	0.206102	-4.85197	0.519592	1.27785	1.27785	0.367471	1.4158	1.4158	0.426463	0.737141	-1.35659	0.348255	0.695799	-1.4372	2.55837	5.71546	1.9858	1
cg07963234	CRMP1	0.10026	0.076619	1.29323	1.29323	0.555513	1.08096	1.08096	0.40101	1.11878	1.11878	0.19919	0.837681	-1.19377	0.362495	0.88497	-1.12998	0.694085	0.949697	-1.05297	0.898675	1.01677	1.01677	0.0079545	1.55934	1.55934	0.207337	1.18959	1.18959	2.55837	0.690728	0.239989	1
cg17896947	FBXO43;FBXO43	0.100264	0.398851	2.17284	2.17284	0.00626559	24.535	24.535	0.983534	0.981629	-1.01871	0.690502	1.43274	1.43274	0.591747	0.614834	-1.62645	0.610201	0.630068	-1.58713	0.247909	2.96033	2.96033	0.537466	1.75241	1.75241	0.0238149	11.2848	11.2848	2.55833	32.707	11.364	1
cg23601523	NFATC3;NFATC3;NFATC3;NFATC3	0.100265	0.164596	1.24146	1.24146	0.298804	0.854625	-1.1701	0.442561	1.12099	1.12099	0.605164	1.07905	1.07905	0.248667	1.19232	1.19232	0.168592	0.80735	-1.23862	0.00758224	0.605933	-1.65035	0.918025	0.985095	-1.01513	0.883716	1.02158	1.02158	2.55831	0.862183	0.299567	1
cg10144569	KBTBD5	0.100268	0.786463	1.04838	1.04838	0.256692	0.813851	-1.22873	0.00327272	0.497864	-2.00858	0.804541	1.04409	1.04409	0.376445	1.17107	1.17107	0.843789	0.966257	-1.03492	0.894884	1.02327	1.02327	0.194591	0.787619	-1.26965	0.586314	1.10032	1.10032	2.55828	1.22655	0.426171	1
cg10956818	CACNA2D3	0.100271	0.137107	1.68621	1.68621	0.0451015	0.472295	-2.11732	0.0575148	0.496144	-2.01554	0.527419	0.811463	-1.23234	0.640607	1.16581	1.16581	0.0235358	0.413739	-2.41698	0.462668	1.27626	1.27626	0.616842	0.848241	-1.17891	0.685403	0.875566	-1.14212	2.55825	4.31345	1.49875	1
cg09276982	ACBD7	0.100271	0.316301	0.850127	-1.1763	0.500975	0.89848	-1.11299	0.409404	0.876143	-1.14137	0.928782	0.986087	-1.01411	0.0156704	0.628599	-1.59084	0.278681	0.838174	-1.19307	0.00511018	0.559987	-1.78575	0.842147	0.969233	-1.03174	0.757443	0.952608	-1.04975	2.55825	0.995197	0.345792	1
cg26574460	THEM4	0.100277	0.156328	0.664233	-1.50549	0.00927991	0.410395	-2.43668	0.0214837	0.474619	-2.10695	0.947072	0.982248	-1.01807	0.343745	0.768632	-1.30101	0.55962	0.852851	-1.17254	0.914878	1.02927	1.02927	0.848201	0.949612	-1.05306	0.0590848	0.562679	-1.77721	2.55819	2.94928	1.02478	1
cg05703659	NCAPG2	0.100278	0.0621269	0.333695	-2.99675	0.0361613	0.279923	-3.57242	0.176266	0.471727	-2.11987	0.267522	0.546824	-1.82874	0.0552002	0.321125	-3.11405	0.129496	0.42485	-2.35377	0.0138604	0.204103	-4.8995	0.773955	1.1624	1.1624	0.37266	0.619834	-1.61333	2.55817	11.0651	3.84479	1
cg03609787	CTDSPL2	0.100278	0.524292	1.25606	1.25606	0.0116403	3.04679	3.04679	0.605254	1.20227	1.20227	0.0198787	2.69984	2.69984	0.968816	1.01391	1.01391	0.288288	1.47621	1.47621	0.160778	0.589035	-1.69769	0.985646	0.993665	-1.00638	0.993853	0.997282	-1.00273	2.55817	5.05718	1.75722	1
cg09857273	CDH17	0.100278	0.155001	0.397866	-2.51341	0.290253	0.514443	-1.94385	0.0200742	0.182932	-5.46651	0.355814	0.562608	-1.77744	0.014882	0.163025	-6.13403	0.374825	0.576022	-1.73605	0.0428631	0.2438	-4.10172	0.071549	0.29566	-3.38227	0.144699	0.387261	-2.58224	2.55817	14.8578	5.16266	1
cg01217350	FAM160A1	0.100279	0.0280844	0.347414	-2.87841	0.312021	0.652949	-1.53151	0.0266919	0.342938	-2.91598	0.0801576	0.453302	-2.20604	0.0385693	0.376571	-2.65554	0.172534	0.553376	-1.80709	0.280453	0.633022	-1.57972	0.617559	1.22773	1.22773	0.0991419	0.478647	-2.08922	2.55817	6.7301	2.33852	1
cg07670566	FBXW5	0.100279	0.573711	1.1296	1.1296	0.00583204	0.461207	-2.16822	0.317247	0.80121	-1.24811	0.92566	0.980192	-1.02021	0.527867	0.871875	-1.14695	0.308945	0.797932	-1.25324	0.567993	0.883624	-1.1317	0.0482662	0.616416	-1.62228	0.0573502	0.630731	-1.58546	2.55816	1.86192	0.646965	1
cg18378883	GPER;C7orf50;C7orf50;GPER;C7orf50;GPER	0.100279	0.0907756	0.516174	-1.93733	0.862695	0.940412	-1.06336	0.0185258	2.75544	2.75544	0.236764	0.644064	-1.55264	0.499684	0.78413	-1.2753	0.443515	0.757843	-1.31953	0.851094	1.06897	1.06897	0.785216	0.907597	-1.10181	0.0483953	2.22654	2.22654	2.55816	5.10359	1.77335	1
cg15610202	C19orf30	0.100279	0.313131	0.369072	-2.7095	0.594212	0.598259	-1.67152	0.103489	0.182454	-5.48084	0.127008	0.206629	-4.8396	0.0566692	0.127316	-7.8545	0.643882	0.640986	-1.5601	0.00530815	0.0298963	-33.4489	0.0937939	0.171954	-5.81551	0.143175	0.222414	-4.49613	2.55816	36.9821	12.8502	1
cg04885072	MGST1;MGST1;MGST1;MGST1	0.10028	0.0306165	8.05986	8.05986	0.0196404	10.134	10.134	0.65167	1.45262	1.45262	0.678302	1.40873	1.40873	0.234105	2.78652	2.78652	0.449928	0.53125	-1.88235	0.0211376	9.75501	9.75501	0.263531	2.60544	2.60544	0.315093	2.34773	2.34773	2.55815	27.3479	9.50264	1
cg03609034	CUX1;CUX1;CUX1	0.100283	0.108489	0.429498	-2.3283	0.0197025	0.256734	-3.89509	0.0883835	0.403522	-2.47818	0.323553	0.611298	-1.63586	0.0929919	0.409791	-2.44027	0.17502	0.498442	-2.00625	0.0494905	0.33893	-2.95046	0.0220022	0.265514	-3.76628	0.140644	0.465309	-2.14911	2.55812	9.44039	3.28032	1
cg27622633	USP53	0.100284	0.522278	0.932846	-1.07199	0.191754	0.862313	-1.15967	0.19746	0.864122	-1.15724	0.735771	0.964344	-1.03697	0.0369474	0.771258	-1.29658	0.527158	1.07109	1.07109	0.0265528	0.754405	-1.32555	0.11509	1.2016	1.2016	0.396607	1.09752	1.09752	2.55811	0.46554	0.161765	1
cg05498905	TBC1D14;TBC1D14	0.100286	0.238521	0.536785	-1.86294	0.411252	1.5272	1.5272	0.137665	2.23823	2.23823	0.198427	1.98367	1.98367	0.0492994	0.322774	-3.09814	0.404921	0.650862	-1.53642	0.0231174	0.254416	-3.93057	0.830035	1.11442	1.11442	0.788114	1.1454	1.1454	2.55809	10.2898	3.5755	1
cg11194299	KCNAB2;KCNAB2	0.100287	0.014175	0.341609	-2.92732	0.977066	1.01025	1.01025	0.102106	0.529944	-1.88699	0.024008	0.384621	-2.59997	0.103317	0.531348	-1.88201	0.817275	1.08561	1.08561	0.712661	0.876972	-1.14029	0.418343	0.745651	-1.34111	0.068268	0.484555	-2.06375	2.55808	5.10297	1.7732	1
cg06749295	NRXN1;NRXN1	0.100287	0.394246	0.662947	-1.50842	0.507478	0.728514	-1.37266	0.486872	0.716928	-1.39484	0.389895	1.51443	1.51443	0.0346589	0.313444	-3.19037	0.0255771	3.48871	3.48871	0.212518	0.538733	-1.85621	0.163626	2.01433	2.01433	0.938163	0.964111	-1.03723	2.55807	8.9902	3.12395	1
cg24583766	WHAMML1	0.100288	0.291389	1.4558	1.4558	0.0136097	0.350945	-2.84945	0.359948	0.724072	-1.38108	0.579872	0.825466	-1.21144	0.600439	0.834194	-1.19876	0.555515	1.22696	1.22696	0.0414229	2.24069	2.24069	0.294396	0.688631	-1.45216	0.481738	1.27799	1.27799	2.55807	4.76731	1.65656	1
cg09940677	CDC42BPB	0.10029	0.718651	1.19586	1.19586	0.528586	1.37114	1.37114	0.882505	0.929492	-1.07586	0.274617	1.75416	1.75416	0.43397	1.48396	1.48396	0.0763299	2.65086	2.65086	0.00353325	7.06526	7.06526	0.137268	2.20631	2.20631	0.116193	2.3258	2.3258	2.55804	9.90286	3.44113	1
cg05356778	WBSCR17	0.100294	0.149112	0.313191	-3.19294	0.0817329	0.235135	-4.25287	0.066301	0.213185	-4.69076	0.149561	0.31365	-3.18827	0.0292982	0.145626	-6.86691	0.269704	0.422108	-2.36906	0.0495061	0.186034	-5.37535	0.0193988	0.119896	-8.34056	0.111962	0.272854	-3.66496	2.558	22.8131	7.9274	1
cg27192597	ICAM5	0.100294	0.218266	0.789442	-1.26672	0.0281457	0.622921	-1.60534	0.00571649	0.516046	-1.93781	0.826942	1.04078	1.04078	0.553357	1.11569	1.11569	0.452568	0.869612	-1.14994	0.959111	0.990683	-1.0094	0.95504	0.98976	-1.01035	0.327161	0.831376	-1.20283	2.558	1.35034	0.469236	1
cg25498385	IL17D	0.100297	0.107241	0.375498	-2.66313	0.100216	0.366644	-2.72744	0.146885	0.420063	-2.3806	0.714705	0.815025	-1.22696	0.00828634	0.152496	-6.55754	0.450663	0.651683	-1.53449	0.0227997	0.219146	-4.56318	0.20769	0.477039	-2.09626	0.170331	0.443281	-2.25591	2.55797	12.5745	4.3696	1
cg19871235	TSPAN8	0.100298	0.730222	0.903825	-1.10641	0.404511	1.28295	1.28295	0.00955542	0.383387	-2.60833	0.541057	0.834643	-1.19812	0.663383	0.879914	-1.13647	0.258528	1.41112	1.41112	0.202583	0.675045	-1.48138	0.111084	1.66042	1.66042	0.206307	0.677461	-1.4761	2.55796	3.45709	1.20134	1
cg22845677	SNRNP35;SNRNP35;SNRNP35	0.100298	0.978057	0.987349	-1.01281	0.920113	0.954622	-1.04754	0.0762229	0.401221	-2.49239	0.485206	1.38864	1.38864	0.0445329	0.343705	-2.90947	0.0551278	0.365452	-2.73633	0.0433009	0.340944	-2.93303	0.178965	1.9366	1.9366	0.367414	0.651407	-1.53514	2.55795	8.68209	3.01703	1
cg20446938	RG9MTD3	0.1003	0.390961	0.842598	-1.18681	0.12185	0.72127	-1.38644	0.0453064	1.56426	1.56426	0.419676	0.851589	-1.17427	0.53629	1.12978	1.12978	0.235511	0.78487	-1.2741	0.0239359	1.69036	1.69036	0.859819	0.966144	-1.03504	0.364391	1.19914	1.19914	2.55793	1.53799	0.534454	1
cg26976888	SCIN;SCIN	0.1003	0.208552	0.867803	-1.15234	0.353892	0.903018	-1.1074	0.265739	0.883348	-1.13206	0.658707	0.953571	-1.04869	0.485729	0.927039	-1.0787	0.523411	1.07161	1.07161	0.00536389	1.48019	1.48019	0.360225	1.10584	1.10584	0.828723	1.02344	1.02344	2.55793	0.463403	0.161034	1
cg06151464	MIR548N	0.100304	0.637283	0.819832	-1.21976	0.0641751	2.38694	2.38694	0.00846144	0.245079	-4.08031	0.348506	1.49738	1.49738	0.692487	1.18089	1.18089	0.950707	1.0262	1.0262	0.672303	1.19478	1.19478	0.230262	0.590687	-1.69294	0.395729	1.43879	1.43879	2.55788	7.08778	2.46307	1
cg19216211	C8orf58	0.100306	0.0972195	0.5576	-1.7934	0.84204	0.937974	-1.06613	0.887347	1.04654	1.04654	0.581896	1.19538	1.19538	0.0182084	0.398518	-2.5093	0.720879	1.12202	1.12202	0.0166026	0.391085	-2.55699	0.104298	0.565597	-1.76804	0.574486	0.833557	-1.19968	2.55787	4.17218	1.44988	1
cg20441135	CPEB3	0.100309	0.555611	0.759884	-1.31599	0.398858	1.48863	1.48863	0.0262769	3.36708	3.36708	0.0983566	2.30486	2.30486	0.157979	2.00437	2.00437	0.0608455	0.377815	-2.6468	0.990122	0.994314	-1.00572	0.790802	1.13028	1.13028	0.0908629	2.35843	2.35843	2.55783	8.59527	2.987	1
cg26036648	PPIL1	0.10031	0.256259	0.762284	-1.31185	0.213685	0.740882	-1.34974	0.0915186	0.653365	-1.53054	0.350979	0.802616	-1.24593	0.0159687	1.96554	1.96554	0.0980724	0.659914	-1.51535	0.831498	0.952365	-1.05002	0.543583	1.15122	1.15122	0.676765	1.10079	1.10079	2.55782	2.1254	0.738614	1
cg17838754	DVL1	0.10031	0.23209	1.16588	1.16588	0.327504	0.883574	-1.13177	0.232752	1.1656	1.1656	0.0219097	1.40039	1.40039	0.607129	1.06557	1.06557	0.726312	0.957877	-1.04398	0.0248827	0.721118	-1.38674	0.623612	0.941227	-1.06244	0.842563	0.975941	-1.02465	2.55782	0.607529	0.211127	1
cg08034171	DCHS1	0.10031	0.0656626	0.400799	-2.49502	0.0108439	0.242667	-4.12087	0.400182	0.683061	-1.464	0.166084	0.52014	-1.92256	0.0238092	0.303026	-3.30004	0.927822	0.960692	-1.04092	0.0945647	0.443385	-2.25538	0.16817	0.522027	-1.91561	0.208546	0.556108	-1.79821	2.55782	7.93593	2.75788	1
cg05412045	TSSC1	0.100311	0.839678	1.0571	1.0571	0.872402	0.956891	-1.04505	0.262569	0.725972	-1.37746	0.732377	0.910186	-1.09868	0.00480302	0.358468	-2.78965	0.199567	0.689656	-1.45	0.0969384	1.64789	1.64789	0.71253	0.903517	-1.10679	0.486	0.823596	-1.21419	2.55781	3.04478	1.05812	1
cg02224164	MARS	0.100313	0.0147446	0.105448	-9.48331	0.233638	0.39221	-2.54966	0.690396	0.740745	-1.34999	0.838519	1.16526	1.16526	0.903627	0.913208	-1.09504	0.329103	0.470032	-2.12752	0.010164	0.0880648	-11.3553	0.654305	0.713311	-1.40191	0.0726712	0.222913	-4.48605	2.55778	22.7589	7.90925	1
cg18380353	ERO1L	0.100314	0.470224	0.752923	-1.32816	0.110123	0.51033	-1.95952	0.23819	1.61169	1.61169	0.0345226	0.385832	-2.5918	0.833588	1.08467	1.08467	0.0377928	0.394318	-2.53603	?	?	?	0.382709	1.41315	1.41315	0.415734	1.37898	1.37898	2.58579	5.43264	2.10096	1
cg24321467	LRRC8E;LRRC8E	0.100314	0.0627831	4.2049	4.2049	0.175447	2.68697	2.68697	0.123133	3.14502	3.14502	0.467918	1.65976	1.65976	0.482503	1.63176	1.63176	0.224759	2.39829	2.39829	0.0477745	4.72411	4.72411	0.0198416	6.88492	6.88492	0.0163084	7.49852	7.49852	2.55777	19.0644	6.62534	1
cg06003986	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.100314	0.0634802	7.63533	7.63533	0.346595	2.57068	2.57068	0.488496	0.503824	-1.98482	0.0798422	6.64239	6.64239	0.0688525	7.26825	7.26825	0.0713552	7.11238	7.11238	0.507493	0.519443	-1.92514	0.0328204	11.3837	11.3837	0.122451	5.10654	5.10654	2.55777	38.4415	13.3594	1
cg09545452	HAT1;HAT1	0.100315	?	?	?	0.0492992	3.81391	3.81391	0.139017	2.56284	2.56284	0.460285	0.643739	-1.55343	0.306153	0.536665	-1.86336	0.0407155	0.243611	-4.1049	0.415587	1.62878	1.62878	?	?	?	0.798922	1.16091	1.16091	2.78078	11.4487	4.11708	1
cg12829666	SGEF	0.100316	0.702897	1.08067	1.08067	0.337044	1.22186	1.22186	0.838865	0.959619	-1.04208	0.18557	1.32866	1.32866	0.955222	1.01143	1.01143	0.625956	1.10456	1.10456	0.00988622	0.516909	-1.93458	0.0703146	0.663946	-1.50615	0.174695	0.74658	-1.33944	2.55775	1.66017	0.576956	1
cg21811549	ZNF735	0.100317	0.164877	0.380772	-2.62624	0.014839	0.141821	-7.05116	0.125101	0.338956	-2.95024	0.464937	0.615903	-1.62363	0.0188613	0.156657	-6.38336	0.469304	0.618924	-1.61571	0.114916	0.327203	-3.05621	0.237675	0.446586	-2.23921	0.0381733	0.208917	-4.78658	2.55774	17.2041	5.97893	1
cg01174459	C12orf75	0.100318	0.373849	0.76559	-1.30618	0.122249	0.612577	-1.63245	0.104701	0.595182	-1.68016	0.295075	0.727795	-1.37401	0.224846	0.68864	-1.45214	0.120902	0.611311	-1.63583	0.0419857	0.503716	-1.98525	0.0639024	1.83932	1.83932	0.430199	1.26568	1.26568	2.55773	3.46838	1.20536	1
cg22868274	C19orf25	0.100318	0.146703	0.713318	-1.4019	0.0228948	0.554113	-1.80469	0.293576	0.789549	-1.26655	0.495738	0.860694	-1.16185	0.321111	0.800654	-1.24898	0.0673137	0.641039	-1.55997	0.0249741	0.560714	-1.78344	0.0179767	0.536055	-1.86548	0.406343	0.831739	-1.2023	2.55773	1.90547	0.662211	1
cg10339665	FAM120A	0.100319	0.80517	1.04265	1.04265	0.0808555	1.38697	1.38697	0.486297	0.887329	-1.12698	0.769533	1.0509	1.0509	0.555234	1.10609	1.10609	0.409011	1.15338	1.15338	0.00291412	1.99619	1.99619	0.742694	0.945853	-1.05725	0.778892	1.04871	1.04871	2.55772	1.15673	0.402001	1
cg22230229	BAHCC1	0.10032	0.235642	0.556706	-1.79628	0.395173	1.50741	1.50741	0.418567	1.47629	1.47629	0.126732	0.459114	-2.17811	0.00539888	0.178003	-5.61788	0.261331	0.575772	-1.7368	0.144474	0.477717	-2.09329	0.420814	0.6787	-1.4734	0.610367	0.784914	-1.27403	2.55771	8.99666	3.12663	1
cg22540431	TRERF1	0.100321	0.111724	0.428862	-2.33175	0.0082323	0.191672	-5.21725	0.109167	0.425794	-2.34856	0.440093	0.680566	-1.46937	0.1982	0.514447	-1.94384	0.325601	0.608902	-1.6423	0.275977	1.73999	1.73999	0.740445	1.17643	1.17643	0.113897	0.431435	-2.31785	2.5577	9.67694	3.36307	1
cg15308295	HERC5	0.100322	0.729997	0.971962	-1.02885	0.0448043	0.827744	-1.2081	0.902137	0.989954	-1.01015	0.221809	0.899962	-1.11116	0.24843	0.905712	-1.1041	0.736537	0.972664	-1.0281	0.0297511	0.810612	-1.23364	0.0424817	1.21139	1.21139	0.568761	1.04841	1.04841	2.55769	0.272924	0.0948509	1
cg04176554	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.100322	0.737246	0.908023	-1.10129	0.675265	0.886273	-1.12832	0.949587	1.01828	1.01828	0.0247057	2.1518	2.1518	0.171036	0.658589	-1.5184	0.577256	1.1751	1.1751	0.0126726	0.411539	-2.4299	0.795303	1.07734	1.07734	0.686513	0.890243	-1.12329	2.55769	3.32601	1.15591	1
cg14090647	C22orf15	0.100325	0.305148	0.544302	-1.83722	0.452727	0.645212	-1.54988	0.720025	0.813699	-1.22896	0.638092	0.762323	-1.31178	0.0392728	0.255079	-3.92036	0.242641	0.496379	-2.01459	0.0037148	0.105905	-9.44244	0.924521	0.947167	-1.05578	0.124411	0.385596	-2.59338	2.55766	13.2911	4.61918	1
cg26257822	EMX2OS	0.100325	0.0965104	0.132266	-7.56398	0.182041	0.207909	-4.80979	0.484359	0.454743	-2.19904	0.223348	0.24203	-4.13172	0.0241348	0.050705	-19.7219	0.113476	0.148111	-6.7517	0.00864193	0.0244197	-40.9505	0.492934	0.462021	-2.1644	0.0868903	0.122875	-8.13838	2.55765	49.8076	17.3102	1
cg06671964	TNXB	0.100325	0.28095	1.67045	1.67045	0.214569	1.81887	1.81887	0.408164	0.678851	-1.47308	0.989991	1.00576	1.00576	0.042702	0.343633	-2.91008	0.463297	1.40748	1.40748	0.412434	0.681351	-1.46767	0.154498	0.497686	-2.0093	0.0179105	0.267846	-3.73349	2.55765	8.49145	2.95113	1
cg24623244	TCP11;TCP11	0.100327	0.9124	1.02172	1.02172	0.620989	1.10221	1.10221	0.274495	1.24857	1.24857	0.983723	1.00399	1.00399	0.533776	0.884222	-1.13094	0.927629	0.982419	-1.0179	0.00234822	2.29081	2.29081	0.437689	1.16716	1.16716	0.499438	0.874715	-1.14323	2.55764	1.54419	0.536672	1
cg09548638	SH3TC2	0.100329	0.445363	1.31307	1.31307	0.0305331	2.43486	2.43486	0.0256883	2.52873	2.52873	0.601461	1.20261	1.20261	0.0529434	0.462982	-2.15991	0.841377	1.07267	1.07267	0.212448	1.58373	1.58373	0.793329	1.09628	1.09628	0.664812	0.858454	-1.16488	2.55761	4.96501	1.72557	1
cg07685786	S100B	0.100336	0.0433034	0.188449	-5.30649	0.0329651	0.166836	-5.99392	0.0426427	0.187161	-5.343	0.749095	0.794213	-1.25911	0.033214	0.167398	-5.97377	0.248441	0.420513	-2.37805	0.0654384	0.226559	-4.41386	0.842624	1.15342	1.15342	0.201467	0.379623	-2.63419	2.55753	20.8828	7.25797	1
cg17502312	C10orf18	0.100337	0.960404	0.9815	-1.01885	0.116676	1.89862	1.89862	0.0388339	2.45882	2.45882	0.115748	1.90225	1.90225	0.68199	1.16761	1.16761	0.281741	0.656555	-1.5231	0.0856959	2.04297	2.04297	0.0196261	2.88746	2.88746	0.206133	1.65133	1.65133	2.55753	5.73002	1.99152	1
cg20930060	QKI;QKI;QKI;QKI	0.100337	0.374409	1.40063	1.40063	0.0239816	2.70521	2.70521	0.0060177	3.76701	3.76701	0.817039	0.917924	-1.08941	0.367006	1.40841	1.40841	0.989608	0.995199	-1.00482	0.0972354	1.95929	1.95929	0.814846	1.09056	1.09056	0.655689	1.18039	1.18039	2.55752	5.53157	1.92254	1
cg17172984	NPTN;NPTN;NPTN;NPTN	0.100337	0.143616	1.69622	1.69622	0.0421176	2.19765	2.19765	0.67588	1.15187	1.15187	0.85259	1.06455	1.06455	0.537351	1.2337	1.2337	0.751365	1.11281	1.11281	0.0264501	0.412761	-2.42271	0.0508197	2.11313	2.11313	0.704949	0.879925	-1.13646	2.55752	4.58002	1.59183	1
cg21258377	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.100338	0.58653	1.13991	1.13991	0.250086	1.33188	1.33188	0.00445638	0.404726	-2.4708	0.974003	0.99226	-1.0078	0.858694	1.04341	1.04341	0.125383	0.67334	-1.48513	0.186889	0.716346	-1.39597	0.571645	0.872587	-1.14602	0.579245	0.874981	-1.14288	2.55751	2.30296	0.800418	1
cg14383004	ZNF75D	0.100339	0.523035	1.56965	1.56965	0.629386	1.40312	1.40312	0.911318	1.08069	1.08069	0.330509	0.496892	-2.01251	0.00322257	0.060837	-16.4374	0.230363	2.40239	2.40239	0.728949	1.27417	1.27417	0.553411	0.658639	-1.51828	0.978801	0.981663	-1.01868	2.5575	19.6507	6.82981	1
cg06435751	HGS	0.100341	0.040168	0.199471	-5.01327	0.0864616	0.275921	-3.62423	0.14361	0.343549	-2.91079	0.136735	0.336236	-2.9741	0.0414494	0.202134	-4.9472	0.0563358	0.230096	-4.34602	0.0330594	0.183695	-5.44382	0.0603928	0.236957	-4.22017	0.123887	0.322076	-3.10486	2.55748	18.7243	6.5079	1
cg00684032	KIAA1530	0.100343	0.380441	1.49907	1.49907	0.00465011	5.44052	5.44052	0.0921553	2.30294	2.30294	0.331308	1.56995	1.56995	0.195089	0.539729	-1.85278	0.243416	1.73194	1.73194	0.754919	1.15132	1.15132	0.343908	1.55073	1.55073	0.748579	1.1557	1.1557	2.55746	8.20169	2.85064	1
cg08100265	THOC2	0.100343	0.0340105	0.338682	-2.95263	0.72117	0.854877	-1.16976	0.253396	0.593394	-1.68522	0.243187	1.70629	1.70629	0.278071	1.63804	1.63804	0.0245326	0.309739	-3.22852	0.0909148	0.442717	-2.25878	0.610403	1.2521	1.2521	0.870771	0.931244	-1.07383	2.55746	7.75392	2.69501	1
cg01020484	C14orf43;C14orf43	0.100344	0.184709	1.75543	1.75543	0.0386028	2.6072	2.6072	0.0182517	3.14584	3.14584	0.421394	1.38892	1.38892	0.257548	1.60417	1.60417	0.294877	1.54424	1.54424	0.016568	3.22419	3.22419	0.0787566	2.18344	2.18344	0.139126	1.89032	1.89032	2.55744	6.48038	2.25238	1
cg24109790	RASAL1	0.100345	0.320997	0.820247	-1.21915	0.281761	1.24132	1.24132	0.0219478	0.587904	-1.70096	0.616832	0.907115	-1.1024	0.832403	0.959874	-1.0418	0.349745	0.830263	-1.20444	0.115379	1.39207	1.39207	0.0885772	0.695548	-1.43772	0.0642675	0.669127	-1.49449	2.55744	1.51266	0.525753	1
ch.11.1111744f	ZFP91;ZFP91-CNTF	0.100347	0.00468904	0.169116	-5.9131	0.467372	0.704923	-1.4186	0.840125	0.908912	-1.10022	0.0328377	0.307159	-3.25564	?	?	?	0.380798	0.653729	-1.52969	0.954126	0.973165	-1.02757	0.440992	0.689679	-1.44995	0.823529	0.899775	-1.11139	2.58543	8.13749	3.14745	1
cg04889050	KIAA1430	0.100347	0.911624	1.02094	1.02094	0.0955213	1.4076	1.4076	0.194176	1.29233	1.29233	0.26684	1.24108	1.24108	0.036281	1.57536	1.57536	0.739281	1.06434	1.06434	0.0260453	0.610728	-1.63739	0.931329	0.984038	-1.01622	0.210854	1.27907	1.27907	2.55741	1.41178	0.490699	1
cg08610461	RPL5	0.100348	0.336613	0.751802	-1.33014	0.066291	0.552601	-1.80962	0.23617	0.699463	-1.42967	0.907702	0.967155	-1.03396	0.00639583	0.360001	-2.77777	0.232585	1.43398	1.43398	0.468526	1.23661	1.23661	0.92338	1.02809	1.02809	0.743102	0.909643	-1.09933	2.5574	3.35843	1.1673	1
cg26465391	ZNF154	0.100349	0.598051	1.18774	1.18774	0.022197	2.42695	2.42695	0.0906667	1.82728	1.82728	0.745538	1.11105	1.11105	0.159716	0.615157	-1.6256	0.478692	0.792221	-1.26227	0.148684	0.605966	-1.65026	0.109168	1.75933	1.75933	0.348853	1.36602	1.36602	2.55739	4.23614	1.47238	1
cg14510314	C6orf48;SNORD48;C6orf48	0.100351	0.049036	0.74604	-1.34041	0.395838	1.12004	1.12004	0.0433035	1.35397	1.35397	0.56829	0.92757	-1.07809	0.0924683	0.785516	-1.27305	0.859882	1.0233	1.0233	0.142631	1.22808	1.22808	0.649338	1.0615	1.0615	0.180415	1.20375	1.20375	2.55737	0.688473	0.239299	1
cg23657252	BMP2K;BMP2K;BMP2K;BMP2K	0.100351	0.358828	0.672692	-1.48657	0.602317	1.24721	1.24721	0.245628	0.600338	-1.66573	0.687424	1.18526	1.18526	0.151114	0.523904	-1.90875	0.0748833	2.30156	2.30156	0.0293488	0.340127	-2.94007	0.0492628	0.389441	-2.56779	0.656757	1.20676	1.20676	2.55737	7.15145	2.4857	1
cg06661450	LHX9;LHX9	0.100352	0.256988	0.623073	-1.60495	0.541525	0.781032	-1.28036	0.383536	0.699549	-1.42949	0.194876	1.73034	1.73034	0.060627	0.42917	-2.33008	0.148395	0.537992	-1.85876	0.0658647	0.438109	-2.28254	0.0693388	2.2535	2.2535	0.411405	1.39917	1.39917	2.55735	6.47681	2.25122	1
cg04385193	TAF1C;TAF1C	0.100353	0.831248	0.952833	-1.0495	0.228262	1.3315	1.3315	0.0559627	0.612512	-1.63262	0.797492	0.943447	-1.05994	0.659504	1.1056	1.1056	0.140108	1.43245	1.43245	0.0405337	1.70837	1.70837	0.633812	0.897041	-1.11478	0.0593918	0.617659	-1.61902	2.55735	2.07611	0.72162	1
cg16259859	ZBTB8A;ZBTB8A	0.100353	0.421993	0.726732	-1.37602	0.124323	0.523303	-1.91094	0.0364215	0.38814	-2.57639	0.653906	1.19199	1.19199	0.896428	0.950581	-1.05199	0.25214	0.627802	-1.59286	0.0212962	2.93605	2.93605	0.842015	0.925279	-1.08076	0.327133	1.4824	1.4824	2.55734	6.13371	2.13198	1
cg01095590	KIAA0040;KIAA0040;KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.100355	0.0834971	8.10407	8.10407	0.0131939	28.6696	28.6696	0.523894	2.02481	2.02481	0.495577	2.12923	2.12923	0.0415117	13.0312	13.0312	0.309649	3.15282	3.15282	0.128332	6.02174	6.02174	0.0913871	7.61783	7.61783	0.0301749	16.1872	16.1872	2.55733	48.3162	16.794	1
cg10987801	TATDN3;TATDN3;TATDN3;TATDN3;TATDN3	0.100355	0.268799	1.11496	1.11496	0.395781	0.921116	-1.08564	0.682332	1.03965	1.03965	0.576277	0.948054	-1.05479	0.00386819	0.692335	-1.44439	0.272117	0.89762	-1.11406	0.228277	0.88738	-1.12691	0.701666	1.03704	1.03704	0.25953	0.894818	-1.11755	2.55732	0.361582	0.125681	1
cg02725362	RHOT2	0.100356	0.0910107	0.685144	-1.45955	0.319517	0.811442	-1.23237	0.0959202	1.44978	1.44978	?	?	?	0.958794	0.98956	-1.01055	0.716718	0.928659	-1.07682	0.0804142	1.48274	1.48274	0.227401	1.29354	1.29354	0.0694983	0.662066	-1.51042	2.58533	1.50152	0.580786	1
cg07629391	LOH3CR2A	0.100356	0.441508	0.917457	-1.08997	0.934386	1.00908	1.00908	0.538808	0.933973	-1.07069	0.957366	1.00589	1.00589	0.323833	1.11835	1.11835	0.225388	1.15	1.15	0.00700849	1.46629	1.46629	0.594072	0.942663	-1.06082	0.0409445	1.29558	1.29558	2.55731	0.488017	0.169628	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24276035	LIPE	0.100356	0.113123	0.809695	-1.23503	0.0467478	0.756733	-1.32147	0.167717	0.835253	-1.19724	0.83608	1.02569	1.02569	0.58146	1.07054	1.07054	0.396506	1.11215	1.11215	0.0249055	0.721236	-1.38651	0.0509553	0.761707	-1.31284	0.859703	1.0219	1.0219	2.55731	0.60706	0.211007	1
cg21217092	FAM82A2	0.100357	0.0282393	0.449317	-2.2256	0.473387	0.798358	-1.25257	0.0222595	0.429076	-2.33059	0.363577	1.33423	1.33423	0.0641981	0.526096	-1.90079	0.0640848	0.525918	-1.90144	0.476714	0.799755	-1.25038	0.726569	1.11452	1.11452	0.474776	0.798942	-1.25166	2.5573	3.8627	1.34263	1
cg20227766	IFI6;IFI6;IFI6;IFI6;IFI6;IFI6	0.100357	0.739659	1.05215	1.05215	0.0687126	0.733029	-1.3642	0.12639	1.28667	1.28667	0.134942	1.27846	1.27846	0.0656199	1.37018	1.37018	0.16062	1.25665	1.25665	0.388779	1.14412	1.14412	0.0401063	1.43558	1.43558	0.146069	1.26854	1.26854	2.5573	0.941085	0.327111	1
cg01004980	PRKAR2A	0.100358	0.452373	1.40362	1.40362	0.090913	2.28137	2.28137	0.160189	1.94356	1.94356	0.123922	2.09155	2.09155	0.0393978	0.348054	-2.87312	0.121666	2.10245	2.10245	0.85082	1.08696	1.08696	0.0463331	2.74778	2.74778	0.648302	1.22554	1.22554	2.55729	7.94386	2.76121	1
cg14185104	PBX3;PBX3;PBX3;PBX3	0.100358	0.037112	0.487482	-2.05136	0.168944	1.54513	1.54513	0.277399	1.39843	1.39843	0.645857	0.871654	-1.14724	0.0397938	2.02511	2.02511	0.568388	1.18668	1.18668	0.235206	0.691186	-1.44679	0.846284	0.94401	-1.05931	0.148498	0.631231	-1.58421	2.55729	3.56954	1.24074	1
cg25816396	ZNF407;ZNF407;ZNF407	0.100361	0.562401	0.877557	-1.13953	0.0290348	1.77509	1.77509	0.0979656	0.667091	-1.49905	0.888642	0.969239	-1.03174	0.0259531	0.554601	-1.8031	0.255255	1.30327	1.30327	0.962344	1.01058	1.01058	0.417827	1.20278	1.20278	0.708778	0.919734	-1.08727	2.55726	2.01425	0.70014	1
cg10912292	SOX5	0.100363	0.476599	1.28638	1.28638	0.458407	0.768962	-1.30045	0.0319608	0.417066	-2.3977	0.705935	1.14099	1.14099	0.13455	1.75313	1.75313	0.163508	0.596048	-1.67772	0.834399	0.929746	-1.07556	0.630961	0.845005	-1.18342	0.0164426	0.360571	-2.77338	2.55724	4.90355	1.70446	1
cg01431830	NTRK1;NTRK1;NTRK1	0.100363	0.0867155	0.669507	-1.49364	0.660086	0.910419	-1.0984	0.320161	0.804259	-1.24338	0.344398	1.2294	1.2294	0.227505	0.764414	-1.30819	0.895461	1.02827	1.02827	0.0133655	1.91513	1.91513	0.125791	0.703776	-1.42091	0.573175	0.886284	-1.12831	2.55724	1.82125	0.633061	1
cg03310479	C11orf54	0.100364	0.75974	1.20087	1.20087	0.0437523	3.9878	3.9878	0.00702164	0.124932	-8.00433	0.932977	1.05148	1.05148	0.249861	0.487911	-2.04955	0.345185	0.559794	-1.78637	0.780115	0.846191	-1.18177	0.904779	0.931075	-1.07403	0.934406	0.952065	-1.05035	2.55722	14.4228	5.01337	1
cg21144589	ZNF783	0.100367	0.0576112	0.25184	-3.97077	0.194719	0.41437	-2.4133	0.404345	0.5781	-1.7298	0.207474	0.425834	-2.34833	0.0332543	0.202242	-4.94457	0.105195	0.320777	-3.11743	0.00774628	0.111177	-8.99464	0.317636	0.515079	-1.94145	0.128033	0.347601	-2.87686	2.5572	16.706	5.80706	1
cg24384632	WIPF3	0.100367	0.0681458	0.60247	-1.65983	0.0962996	1.57305	1.57305	0.0570235	1.70611	1.70611	0.287231	0.760235	-1.31538	0.0664813	0.600172	-1.66619	0.888766	0.965879	-1.03533	0.341628	0.784208	-1.27517	0.844889	1.04979	1.04979	0.246675	0.740432	-1.35056	2.55719	2.49245	0.866383	1
cg03951424	NFIA;NFIA;NFIA;NFIA	0.100369	0.00964393	0.65156	-1.53478	0.353072	1.1331	1.1331	0.0998137	1.26598	1.26598	0.877047	0.979957	-1.02045	0.748592	1.04295	1.04295	0.879163	0.980302	-1.02009	0.302736	0.869702	-1.14982	0.212124	1.18753	1.18753	0.228121	1.1799	1.1799	2.55717	0.69258	0.240745	1
cg11740416	FAM43A;FAM43A	0.100371	0.487909	0.646748	-1.5462	0.754725	0.823815	-1.21386	0.0255112	0.193712	-5.1623	0.387646	0.578346	-1.72907	0.212218	0.443704	-2.25376	0.195636	0.428977	-2.33113	0.0886708	0.313051	-3.19437	0.006771	0.114121	-8.7626	0.107563	0.337535	-2.96266	2.55715	15.4884	5.38391	1
cg15479964	ANKRD2;ANKRD2	0.100371	0.0302497	0.499899	-2.0004	0.194627	0.692737	-1.44355	0.159765	0.668601	-1.49566	0.0617561	0.566337	-1.76573	0.02101	0.468392	-2.13496	0.0254228	0.484691	-2.06317	0.8605	0.954406	-1.04777	0.117064	0.632905	-1.58002	0.156032	0.665793	-1.50197	2.72003	2.96722	0.848459	1
cg19735637	LOC399744	0.100373	0.0550838	0.423132	-2.36333	0.117603	0.510641	-1.95832	0.0408975	0.393293	-2.54263	0.575409	0.799491	-1.2508	0.0490244	0.411195	-2.43194	0.292428	0.649248	-1.54024	0.942748	1.02881	1.02881	0.131317	0.525079	-1.90448	0.0145231	0.304024	-3.28922	2.55712	6.3332	2.2015	1
cg11464763	MAD1L1;MAD1L1;MAD1L1	0.100376	0.0811216	0.722673	-1.38375	0.0532582	1.44602	1.44602	0.282451	0.828952	-1.20634	0.399578	1.15586	1.15586	0.026597	0.643129	-1.5549	0.414249	0.869202	-1.15048	0.700689	0.937187	-1.06702	0.689244	1.06984	1.06984	0.151018	0.772236	-1.29494	2.5571	1.14249	0.397148	1
cg13707183	TTLL13	0.100376	0.132579	2.22207	2.22207	0.278049	0.574109	-1.74183	0.00410679	6.64639	6.64639	0.418907	1.50132	1.50132	0.843454	1.10216	1.10216	0.79073	1.13979	1.13979	0.645151	0.796019	-1.25625	0.905051	0.942983	-1.06046	0.178678	2.01965	2.01965	2.5571	9.8024	3.40748	1
cg27137430	RBM9;RBM9	0.100377	0.0387983	0.240869	-4.15163	0.495376	0.662403	-1.50966	0.118887	0.365293	-2.73753	0.104884	0.348404	-2.87023	0.045572	0.25563	-3.9119	0.365127	0.574854	-1.73957	0.0203869	0.189559	-5.27541	0.0338231	0.228938	-4.36799	0.136415	0.384944	-2.59778	2.55708	14.3355	4.98327	1
cg23355967	BZW2;BZW2;ANKMY2;BZW2	0.100381	0.204882	1.28474	1.28474	0.0349266	0.631033	-1.5847	0.457112	0.867758	-1.1524	0.623333	1.09715	1.09715	0.388311	1.18011	1.18011	0.508769	0.88201	-1.13377	0.0202824	0.592045	-1.68906	0.180489	1.30522	1.30522	0.856141	1.03457	1.03457	2.55704	1.42079	0.493901	1
cg13205050	DCST1;DCST1;DCST2	0.100385	0.100813	0.499864	-2.00054	0.0207454	0.341559	-2.92775	0.0109523	0.291735	-3.42777	0.876745	1.06171	1.06171	0.106145	0.506188	-1.97555	0.162662	0.56267	-1.77724	0.356384	0.693503	-1.44195	0.153865	0.554856	-1.80227	0.245993	0.626172	-1.59701	2.557	6.02849	2.09568	1
cg16971668	EOMES	0.100385	0.992697	0.992892	-1.00716	0.118902	0.267372	-3.74011	0.961478	1.03836	1.03836	0.635607	0.689345	-1.45065	0.195143	0.343719	-2.90935	0.67317	0.718463	-1.39186	0.828969	0.844842	-1.18365	0.00457889	18.953	18.953	0.914391	1.08742	1.08742	2.55699	24.5977	8.55092	1
cg01914743	ZNF317	0.100386	0.177245	0.807679	-1.23812	0.216802	0.824024	-1.21356	0.0968041	0.762244	-1.31192	0.0779603	0.74698	-1.33872	0.820036	1.03452	1.03452	0.267595	1.18768	1.18768	0.229802	0.828893	-1.20643	0.0632064	0.73257	-1.36506	0.0172778	0.649253	-1.54023	2.55698	0.898326	0.312287	1
cg07693974	ORAI3	0.100387	0.151616	0.777991	-1.28536	0.265651	1.2087	1.2087	0.152021	0.778211	-1.285	0.250312	1.21689	1.21689	0.0388756	0.676537	-1.47812	0.172051	1.26813	1.26813	0.819257	1.03811	1.03811	0.778901	1.04707	1.04707	0.0581102	0.704709	-1.41903	2.55697	1.08135	0.375912	1
cg13528445	IGFBP7	0.100389	0.656645	0.8794	-1.13714	0.639898	0.873416	-1.14493	0.561167	0.844701	-1.18385	0.543898	0.83824	-1.19298	0.00611592	0.357814	-2.79475	0.973698	1.00951	1.00951	0.301865	0.735479	-1.35966	0.0808888	1.74363	1.74363	0.112533	0.608824	-1.64251	2.55695	3.34112	1.16149	1
cg17170819	BTBD17	0.100389	0.563771	0.888008	-1.12612	0.816048	1.04857	1.04857	0.923115	1.01984	1.01984	0.191539	0.754717	-1.325	0.571401	0.890112	-1.12345	0.907856	0.97671	-1.02385	0.00280542	2.31185	2.31185	0.871229	1.03357	1.03357	0.742586	1.06938	1.06938	2.55695	1.67746	0.583145	1
cg18041893	SRPK2;SRPK2	0.100389	0.684293	1.09649	1.09649	0.649402	1.10863	1.10863	0.65957	0.904936	-1.10505	0.0829762	1.5412	1.5412	0.034383	1.74381	1.74381	0.590096	1.13037	1.13037	0.00521139	2.29486	2.29486	0.268621	1.29645	1.29645	0.612289	1.12206	1.12206	2.55695	2.05623	0.714822	1
cg18761894	HSPA6	0.10039	0.433733	0.867944	-1.15215	0.495454	0.884511	-1.13057	0.738208	0.942261	-1.06128	0.103642	0.729387	-1.37101	0.723843	0.939039	-1.06492	0.267308	1.22739	1.22739	0.00555975	1.90753	1.90753	0.594468	0.909128	-1.09996	0.837046	0.964145	-1.03719	2.55694	1.27302	0.442551	1
cg14374861	LBX1;FLJ41350	0.100391	0.0143043	0.536176	-1.86506	0.110283	0.698285	-1.43208	0.359379	0.823281	-1.21465	0.118275	0.704724	-1.419	0.629246	0.904491	-1.10559	0.0261361	0.580103	-1.72383	0.107178	0.695682	-1.43744	0.39355	1.19762	1.19762	0.774335	0.942408	-1.06111	2.55693	1.72427	0.599423	1
cg26587051	MEGF9	0.100393	0.100176	0.819763	-1.21986	0.0875142	1.23136	1.23136	0.311982	1.12233	1.12233	0.626852	1.05554	1.05554	0.648143	0.95057	-1.052	0.0897182	0.813509	-1.22924	0.192663	0.858876	-1.16431	0.491792	1.08008	1.08008	0.0454108	1.28814	1.28814	2.5569	0.492988	0.171384	1
cg03095118	CCDC61	0.100394	0.207817	0.668992	-1.49479	0.167551	1.56088	1.56088	0.161014	1.57323	1.57323	0.672146	0.879114	-1.13751	0.852171	0.945102	-1.05809	0.96754	0.987759	-1.01239	0.00844376	0.361341	-2.76747	0.139872	0.618302	-1.61733	0.858924	1.05533	1.05533	2.5569	3.70978	1.28968	1
cg05568761	UBTF;UBTF	0.100397	0.601835	0.918562	-1.08866	0.0757737	0.726933	-1.37564	0.239819	0.819872	-1.2197	0.400265	1.14905	1.14905	0.422039	0.876041	-1.1415	0.19681	0.802362	-1.24632	0.00650271	0.56512	-1.76954	0.06369	0.714343	-1.39989	0.242457	0.820867	-1.21822	2.55687	1.05441	0.366564	1
cg06258261	TNXB	0.100398	0.0701025	0.649507	-1.53963	0.914635	1.02311	1.02311	0.0350979	0.592632	-1.68739	0.154278	0.722534	-1.38402	0.011463	0.509592	-1.96236	0.860211	0.963131	-1.03828	0.395396	1.20381	1.20381	0.855941	1.03949	1.03949	0.425587	0.840806	-1.18934	2.55686	1.83915	0.639378	1
cg02521643	ELOVL7;ELOVL7	0.1004	0.354048	1.19245	1.19245	0.0158726	0.579663	-1.72514	0.090626	0.708828	-1.41078	0.158147	0.756901	-1.32118	0.939479	1.01412	1.01412	0.701473	0.93137	-1.07369	0.697454	1.07478	1.07478	0.177128	1.30317	1.30317	0.0884991	0.706879	-1.41467	2.55683	1.37985	0.479707	1
cg12672205	GTPBP1	0.100401	0.904722	0.963682	-1.03769	0.102691	1.73606	1.73606	0.159236	1.59161	1.59161	0.520265	0.817635	-1.22304	0.330334	0.733212	-1.36386	0.942469	0.97795	-1.02255	0.00815932	0.351347	-2.84619	0.852567	0.944146	-1.05916	0.307334	1.38606	1.38606	2.55682	3.86474	1.34359	1
cg17226534	KCNK18	0.100402	0.27194	0.797222	-1.25436	0.104454	1.4215	1.4215	0.0302327	0.60355	-1.65686	0.420759	1.17703	1.17703	0.773991	0.944541	-1.05872	0.0148588	0.552244	-1.81079	0.622002	0.906215	-1.10349	0.828492	0.957918	-1.04393	0.764743	0.94226	-1.06128	2.55681	1.59023	0.552853	1
cg10221501	CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMTM1;CMT	0.100404	0.448486	0.835754	-1.19652	0.00685513	0.443375	-2.25543	0.0492229	1.68442	1.68442	0.807083	1.05847	1.05847	0.341573	0.796417	-1.25562	0.627051	1.12045	1.12045	0.746602	1.07822	1.07822	0.679516	1.1013	1.1013	0.748835	1.07747	1.07747	2.55679	2.18484	0.759576	1
cg16194292	CUX1;CUX1;CUX1	0.100404	0.254767	0.686194	-1.45731	0.132589	0.598111	-1.67193	0.441106	0.779743	-1.28247	0.803033	1.08237	1.08237	0.487101	0.799622	-1.25059	0.505255	0.807261	-1.23876	0.00771342	2.95677	2.95677	0.178494	1.57259	1.57259	0.911397	0.96536	-1.03588	2.55679	4.06174	1.4121	1
cg22780428	CEPT1;CEPT1;DRAM2;CEPT1	0.100406	0.135842	0.720423	-1.38807	0.535425	0.879814	-1.1366	0.699347	1.08239	1.08239	0.12622	0.713528	-1.40149	0.167312	0.740582	-1.35029	0.00998244	0.514923	-1.94204	0.0451423	0.625664	-1.5983	0.396158	1.19396	1.19396	0.985805	0.996377	-1.00364	2.55677	1.68549	0.58598	1
cg13655245	CNNM4	0.100406	0.300169	0.845963	-1.18208	0.262816	1.19949	1.19949	0.475169	0.893024	-1.11979	0.202486	1.23324	1.23324	0.0105421	0.605721	-1.65093	0.077429	0.736511	-1.35775	0.364714	1.15617	1.15617	0.921274	1.01552	1.01552	0.505038	0.899978	-1.11114	2.55676	0.982971	0.341742	1
cg19587434	SPATA20	0.100407	0.0459708	0.311064	-3.21477	0.389028	1.56941	1.56941	?	?	?	0.103575	0.40298	-2.48151	0.0235771	0.251485	-3.97639	0.467031	0.685325	-1.45916	0.446004	0.672595	-1.48678	0.0420081	0.302299	-3.30798	0.957508	0.973163	-1.02758	2.58475	9.48517	3.66967	1
cg17066403	TNXB	0.10041	0.362708	0.718032	-1.3927	0.901106	0.956937	-1.045	0.547433	0.80609	-1.24056	0.259251	1.517	1.517	0.0245806	0.387503	-2.58062	0.0411133	0.434132	-2.30345	0.0706	0.488985	-2.04505	0.138984	0.568994	-1.75749	0.310313	1.45021	1.45021	2.55672	5.0765	1.76494	1
cg21964596	DPYSL5	0.100412	0.279353	1.22838	1.22838	0.954708	0.989666	-1.01044	0.52241	0.888193	-1.12588	0.919372	0.981652	-1.01869	0.0398889	1.54409	1.54409	0.0264863	1.6179	1.6179	0.0137069	1.74622	1.74622	0.727911	1.06596	1.06596	0.994373	0.998711	-1.00129	2.5567	1.35445	0.470902	1
cg24117676	CSF2RB	0.100413	0.142765	2.35926	2.35926	0.0118197	5.54494	5.54494	0.374667	1.64299	1.64299	0.384666	1.62528	1.62528	0.166172	0.447294	-2.23567	0.220977	2.01596	2.01596	0.315887	1.75953	1.75953	0.0809521	2.87035	2.87035	0.076957	2.92027	2.92027	2.55668	12.0227	4.17998	1
cg18081863	FCGRT;FCGRT	0.100413	0.188944	1.67757	1.67757	0.387157	0.719281	-1.39028	0.0313649	0.391174	-2.55641	0.565941	0.805977	-1.24073	0.888576	0.949224	-1.05349	0.483876	0.767616	-1.30274	0.664503	1.1761	1.1761	0.016342	2.97782	2.97782	0.407275	1.37041	1.37041	2.55668	5.59505	1.94525	1
cg01390419	DUPD1	0.100414	0.280584	1.59923	1.59923	0.316314	1.54295	1.54295	0.67114	0.836283	-1.19577	0.738796	1.15038	1.15038	0.0626843	2.40333	2.40333	0.142752	1.93376	1.93376	0.00618735	4.45755	4.45755	0.0490014	2.56229	2.56229	0.577315	1.26578	1.26578	2.55668	7.09616	2.46715	1
cg06002638	ACACB	0.100414	0.19797	1.76728	1.76728	0.0141428	3.55085	3.55085	0.0163761	3.41428	3.41428	0.538091	1.2981	1.2981	0.629012	0.81568	-1.22597	0.265889	1.62448	1.62448	0.79815	1.11321	1.11321	0.291292	0.632369	-1.58135	0.401878	1.43198	1.43198	2.55667	7.09196	2.46569	1
cg10597322	SLC25A29;MIR345	0.100416	0.35815	0.782633	-1.27774	0.0360953	0.531407	-1.8818	0.993155	0.997777	-1.00223	0.327845	0.769535	-1.29949	0.00965693	0.427653	-2.33834	0.0394164	0.539006	-1.85527	0.352411	0.780203	-1.28172	0.0828189	0.607617	-1.64577	0.175618	0.688293	-1.45287	2.55665	2.72405	0.94709	1
cg04634417	PCDHA6;PCDHA2;PCDHA1;PCDHA8;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA8;PCDHA3;PCDHA4	0.100419	0.0604516	3.05464	3.05464	0.911488	0.943037	-1.0604	0.859262	0.910636	-1.09813	0.664927	1.2584	1.2584	0.0414626	0.289333	-3.45623	0.915736	1.05741	1.05741	0.0581248	3.0942	3.0942	0.0384743	3.54202	3.54202	0.975308	0.983808	-1.01646	2.55662	11.2642	3.91635	1
cg25384285	CAPN7	0.100419	0.373106	0.56797	-1.76066	0.530698	0.675087	-1.48129	0.97731	1.01775	1.01775	0.420218	1.66444	1.66444	0.0371875	0.223897	-4.46633	0.0839805	0.306366	-3.26407	0.0142163	0.153932	-6.49636	0.863447	1.11238	1.11238	0.0629581	0.274116	-3.64809	2.55662	15.4986	5.38855	1
cg21113044	ANAPC5;ANAPC5	0.10042	0.463419	1.23165	1.23165	0.498349	0.825393	-1.21154	0.804662	0.933161	-1.07163	0.371654	0.774082	-1.29185	0.00791359	0.386407	-2.58795	0.432921	0.799784	-1.25034	0.607478	1.15563	1.15563	0.0661408	1.77789	1.77789	0.347311	1.31017	1.31017	2.55661	3.15574	1.0972	1
cg17232357	SMAD6;SMAD6;SMAD6	0.100421	0.0702168	0.359442	-2.78209	0.0319391	0.280605	-3.56373	0.0713982	0.361337	-2.7675	0.0589515	0.3402	-2.93945	0.367925	0.626534	-1.59608	0.158043	0.466259	-2.14473	0.0323329	0.281691	-3.55	0.0407305	0.302912	-3.30129	0.127211	0.434366	-2.3022	2.5566	10.3487	3.59808	1
cg14509271	LMO4	0.100421	0.0667798	0.635209	-1.57429	0.482739	0.854261	-1.1706	0.245896	0.764932	-1.30731	0.815094	1.05309	1.05309	0.248896	0.766347	-1.30489	0.00877044	0.478506	-2.08984	0.0387086	0.589418	-1.69659	0.17715	0.728526	-1.37264	0.602297	1.1231	1.1231	2.5566	1.97415	0.686378	1
cg02667414	COL11A2;COL11A2;COL11A2	0.100422	0.283098	0.437204	-2.28726	0.117701	0.283536	-3.52689	0.0855253	0.244143	-4.09596	0.0266445	0.142447	-7.02014	0.032056	0.155193	-6.4436	0.0265019	0.142093	-7.03766	0.133839	0.301362	-3.31826	0.98105	1.01778	1.01778	0.988657	0.989509	-1.0106	2.55659	22.2833	7.74755	1
cg07173049	CAMTA1	0.100422	0.113101	0.386899	-2.58465	0.0245951	0.228953	-4.36771	0.452707	0.656215	-1.52389	0.619002	1.31792	1.31792	0.0192304	0.210216	-4.75702	0.0238521	0.226537	-4.41428	0.355906	0.592781	-1.68696	0.535164	0.707626	-1.41318	0.6289	0.76478	-1.30757	2.55659	12.2787	4.26914	1
cg00906908	INTS1	0.100424	0.0591016	0.367544	-2.72076	0.0142184	0.241606	-4.13898	0.0409868	0.330327	-3.0273	0.458121	0.701291	-1.42594	0.0787304	0.399719	-2.50176	0.759845	0.865891	-1.15488	0.0340933	0.313028	-3.19461	0.584619	0.771624	-1.29597	0.273732	0.585716	-1.70731	2.55657	8.931	3.10521	1
cg16690876	AKAP10	0.100425	0.0234267	0.280793	-3.56134	0.537269	0.745992	-1.3405	0.696185	0.831874	-1.20211	0.448642	0.696139	-1.43649	0.0330574	0.310652	-3.21903	0.225707	0.550571	-1.8163	0.0227943	0.278535	-3.59021	0.417535	1.47496	1.47496	0.120995	0.454417	-2.20062	2.55655	8.90946	3.09774	1
cg03354108	EXT1	0.10043	0.0309547	0.373031	-2.68074	0.683482	1.173	1.173	0.988784	1.00549	1.00549	0.370467	0.699077	-1.43046	0.0161072	0.317818	-3.14645	0.211646	0.599175	-1.66896	0.0556196	0.429868	-2.32629	0.722312	0.870317	-1.14901	0.0538109	0.426446	-2.34496	2.5565	6.13513	2.13317	1
cg25985683	TFR2	0.10043	0.587301	0.73325	-1.36379	0.0101529	6.2694	6.2694	0.721277	1.22485	1.22485	0.0310255	4.19312	4.19312	0.650852	0.772631	-1.29428	0.995076	1.0035	1.0035	0.653413	0.774218	-1.29163	0.569444	1.38474	1.38474	0.0634172	3.26027	3.26027	2.5565	12.9789	4.51274	1
cg03226435	PRDM16;PRDM16	0.100431	0.179385	0.633634	-1.5782	0.0213522	2.42291	2.42291	0.0406013	2.13071	2.13071	0.637017	1.16424	1.16424	0.177437	0.632175	-1.58184	0.409916	1.30947	1.30947	0.354823	0.737463	-1.356	0.319597	1.38966	1.38966	0.737902	1.11343	1.11343	2.55649	4.14448	1.44103	1
cg19885625	NAALADL1	0.100431	0.301343	1.61752	1.61752	0.523146	1.33723	1.33723	0.650674	0.814879	-1.22718	0.962563	0.979142	-1.0213	0.727163	1.17035	1.17035	0.602571	0.789845	-1.26607	0.111709	2.17693	2.17693	0.00280616	6.35379	6.35379	0.457159	1.405	1.405	2.55649	8.16535	2.83908	1
cg13155079	ALX4	0.100431	0.0755344	0.634548	-1.57592	0.0622006	0.617137	-1.62039	0.272899	0.769244	-1.29998	0.0806761	0.640582	-1.56108	0.0362556	0.571345	-1.75026	0.61569	0.890156	-1.1234	0.0124947	0.48946	-2.04307	0.0908736	0.651667	-1.53453	0.235664	0.75147	-1.33073	2.55649	2.14009	0.744108	1
cg04317047	MIR143;LOC728264	0.100431	0.0611526	0.366505	-2.72847	0.813848	1.11875	1.11875	0.18724	0.514303	-1.94438	0.0631168	0.369949	-2.70307	0.0524021	0.350153	-2.8559	0.851508	0.914711	-1.09324	0.0625755	0.369008	-2.70997	0.0148965	0.240607	-4.15615	0.321589	0.614383	-1.62765	2.55649	9.16274	3.18588	1
cg11648456	C16orf79	0.100433	0.746954	1.17952	1.17952	0.00355294	7.50008	7.50008	0.0540567	3.05014	3.05014	0.277176	1.77962	1.77962	0.649032	0.791615	-1.26324	0.200346	1.99347	1.99347	0.631258	1.2797	1.2797	0.441351	1.49244	1.49244	0.245484	1.85805	1.85805	2.55646	10.5313	3.66176	1
cg00916117	ZNF451;ZNF451	0.100435	0.0527664	0.649642	-1.53931	0.27941	0.802268	-1.24647	0.0225504	0.585566	-1.70775	0.360061	0.831643	-1.20244	0.0286751	0.603108	-1.65808	0.419491	0.850779	-1.17539	0.2205	1.28706	1.28706	0.704969	1.07737	1.07737	0.933392	1.01651	1.01651	2.55645	1.55407	0.540356	1
cg02937313	THAP1;THAP1	0.100435	0.0748611	0.245768	-4.06887	0.514203	1.59665	1.59665	0.35757	0.512092	-1.95277	0.175245	0.360708	-2.77233	0.00563538	0.0765354	-13.0658	0.222355	0.403683	-2.47719	0.0960571	0.274495	-3.64305	0.35005	0.506414	-1.97467	0.158485	0.344284	-2.90458	2.55644	20.2579	7.04379	1
cg08447733	MZF1;MZF1;LOC100131691	0.100437	0.282996	0.733347	-1.36361	0.923196	1.02717	1.02717	0.110084	1.62285	1.62285	0.114507	1.61161	1.61161	0.653583	1.13382	1.13382	0.00771204	2.59008	2.59008	0.24615	0.713765	-1.40102	0.730605	0.908378	-1.10086	0.935166	1.02288	1.02288	2.55642	3.12948	1.08815	1
cg21679730	CACHD1	0.100437	0.0266727	6.6297	6.6297	0.135073	3.19077	3.19077	0.130349	3.24376	3.24376	0.098762	3.68319	3.68319	0.851051	0.873373	-1.14499	0.111811	3.48068	3.48068	0.0725703	4.23302	4.23302	0.0262396	6.67883	6.67883	0.0730729	4.21991	4.21991	2.55642	21.003	7.30291	1
cg13489576	DLG1;DLG1	0.100439	0.190009	0.598871	-1.66981	0.0722766	2.09791	2.09791	0.467734	1.31381	1.31381	0.0346528	2.48369	2.48369	0.675012	0.855764	-1.16855	0.867645	1.06355	1.06355	0.144726	0.56068	-1.78355	0.0830883	2.03147	2.03147	0.328108	0.688761	-1.45188	2.5564	5.52419	1.92082	1
cg14280424	IL10RB	0.100442	0.148616	0.152346	-6.56402	0.00850058	0.0169196	-59.103	0.0107173	0.0203435	-49.1557	0.412914	0.361795	-2.76399	0.164527	0.165109	-6.0566	0.459321	0.400491	-2.49694	0.448519	0.391385	-2.55503	0.560356	0.489124	-2.04447	0.204885	0.196984	-5.07656	2.55637	59.7213	20.766	1
cg00758296	PHF21B;PHF21B	0.100442	0.644202	1.11332	1.11332	0.0189855	1.92632	1.92632	0.652793	1.11019	1.11019	0.313989	1.27171	1.27171	0.433603	0.831572	-1.20254	0.0168447	0.510106	-1.96038	0.973209	1.00778	1.00778	0.518364	1.16316	1.16316	0.542158	0.867252	-1.15307	2.55637	2.15716	0.750079	1
cg16131903	TRIM56	0.100444	0.83784	0.962712	-1.03873	0.810039	0.956326	-1.04567	0.481941	0.87587	-1.14172	0.111416	1.37925	1.37925	0.0518195	0.663416	-1.50735	0.151595	0.752086	-1.32963	0.0174815	1.70985	1.70985	0.804669	0.95509	-1.04702	0.655083	0.920003	-1.08695	2.55635	1.39225	0.484112	1
cg05774978	PDIA3P	0.100444	0.0377594	9.06716	9.06716	0.246011	3.03476	3.03476	0.118184	4.72194	4.72194	0.326817	2.52501	2.52501	0.0390754	8.89215	8.89215	0.599068	1.62486	1.62486	0.0652753	6.64243	6.64243	0.0174647	14.1158	14.1158	0.0618325	6.85052	6.85052	2.55634	33.896	11.7863	1
cg01708202	SNTG2	0.100445	0.13222	0.574019	-1.7421	0.688089	1.14784	1.14784	0.46577	1.28867	1.28867	0.417734	1.32702	1.32702	0.0345356	0.430756	-2.3215	0.898596	1.04452	1.04452	0.156825	0.596073	-1.67765	0.0132211	0.350174	-2.85572	0.451323	0.769354	-1.29979	2.55634	4.72627	1.64342	1
cg08931107	RIN1	0.100449	0.301888	0.655004	-1.52671	0.125837	0.519312	-1.92563	0.0106845	3.55895	3.55895	0.404943	0.713841	-1.40087	0.441414	1.36416	1.36416	0.42215	0.722985	-1.38315	0.603143	0.812621	-1.23059	0.161025	0.55309	-1.80802	0.246193	0.618932	-1.61569	2.5563	6.33586	2.20314	1
cg11110536	BRD8;BRD8;BRD8;KIF20A	0.100453	0.332171	0.858137	-1.16532	0.790866	1.04148	1.04148	0.763427	1.04724	1.04724	0.0339205	0.684771	-1.46034	0.364957	0.867312	-1.15299	0.0223576	0.657992	-1.51978	0.996421	1.00069	1.00069	0.750406	1.05001	1.05001	0.0571463	1.38973	1.38973	2.55625	0.946776	0.329224	1
cg26584743	MSH5;MSH5;MSH5;MSH5	0.100453	0.107983	0.451342	-2.21561	0.142219	0.488866	-2.04555	0.244745	0.575819	-1.73666	0.104607	0.447245	-2.23591	0.00472655	0.182239	-5.48729	0.070529	0.399788	-2.50133	0.119177	0.46436	-2.1535	0.25449	0.582911	-1.71553	0.439611	0.699391	-1.42981	2.55625	8.33029	2.8967	1
cg21664037	IFNGR2	0.100454	0.376559	1.21584	1.21584	0.4405	0.844151	-1.18462	0.0490724	0.616381	-1.62237	0.3778	0.822914	-1.21519	0.860643	0.962861	-1.03857	0.124835	0.699179	-1.43025	0.0377939	1.68006	1.68006	0.254023	1.29245	1.29245	0.170413	1.3695	1.3695	2.55624	1.87803	0.653052	1
cg07777352	YWHAG	0.100456	0.923833	0.974961	-1.02568	0.0139299	0.446862	-2.23783	0.0626499	0.573771	-1.74286	0.547629	1.1751	1.1751	0.0222804	0.483656	-2.06759	0.16583	0.67578	-1.47977	0.853326	1.0503	1.0503	0.937203	0.979322	-1.02111	0.338533	0.769811	-1.29902	2.55621	2.8468	0.989939	1
cg26337592	ILF2	0.100458	0.307464	0.595869	-1.67822	0.791974	1.13758	1.13758	0.342466	0.619418	-1.61442	?	?	?	0.481356	1.41874	1.41874	0.383827	0.645982	-1.54803	0.74147	1.17525	1.17525	0.00519404	0.152389	-6.56215	0.34273	1.61397	1.61397	2.74573	8.99258	2.86573	1
cg27242726	ZBTB38	0.100459	0.0160971	0.518463	-1.92878	0.261102	0.769968	-1.29876	0.682374	1.09611	1.09611	0.129017	1.44177	1.44177	0.173966	0.724261	-1.38072	0.610974	0.891883	-1.12122	0.976065	1.00671	1.00671	0.0697537	1.57199	1.57199	0.502446	0.859152	-1.16394	2.55618	2.01397	0.700341	1
cg17006436	C1orf84;C1orf84;MED8;MED8	0.10046	0.357577	0.814349	-1.22798	0.49397	0.860042	-1.16273	0.161982	1.38281	1.38281	0.105164	0.680919	-1.4686	0.676752	1.09527	1.09527	0.0232786	1.80146	1.80146	0.105802	0.681485	-1.46738	0.223775	1.31973	1.31973	0.520092	0.868034	-1.15203	2.55617	1.90742	0.663291	1
cg21690167	KCNJ16;KCNJ16;KCNJ16	0.100466	0.162279	0.644381	-1.55188	0.823975	1.06782	1.06782	0.377657	0.765957	-1.30556	0.397008	1.29105	1.29105	0.0178488	0.428216	-2.33527	0.0633973	0.540704	-1.84944	0.641261	0.870911	-1.14822	0.258776	1.41488	1.41488	0.0565481	0.529501	-1.88857	2.55611	3.51223	1.22138	1
cg02180189	KCNQ1;KCNQ1OT1;KCNQ1	0.100466	0.0252163	0.414445	-2.41287	0.0275469	0.422109	-2.36905	0.162071	0.610146	-1.63895	0.849014	1.06511	1.06511	0.101033	0.551927	-1.81183	0.0250659	0.413931	-2.41586	0.209188	0.645275	-1.54973	0.966612	1.01395	1.01395	0.282514	0.691023	-1.44713	2.55611	4.43402	1.54194	1
cg05089897	DYRK1A;DYRK1A;DYRK1A;DYRK1A;DYRK1A	0.100467	0.597213	1.10727	1.10727	0.246714	0.793378	-1.26043	0.962992	1.00891	1.00891	0.716679	0.93273	-1.07212	0.048069	0.649371	-1.53995	0.575557	1.11415	1.11415	0.0376738	1.58514	1.58514	0.167171	1.32495	1.32495	0.0674627	0.676042	-1.4792	2.55609	1.4781	0.514015	1
cg08039823	ZBTB9;ZBTB9	0.10047	0.814442	1.04439	1.04439	0.427171	1.16158	1.16158	0.452961	0.868274	-1.15171	0.0568734	0.671566	-1.48906	0.743125	0.941054	-1.06264	0.0460857	0.655555	-1.52542	0.0459949	0.655407	-1.52577	0.0776275	1.4367	1.4367	0.678693	1.08	1.08	2.55606	1.38172	0.480504	1
cg14664879	HJURP	0.10047	0.0863923	0.379981	-2.63171	0.174626	2.09079	2.09079	0.0304629	3.66593	3.66593	0.928668	1.0468	1.0468	0.0291919	0.269099	-3.7161	0.566445	0.74378	-1.34448	0.813592	1.12824	1.12824	0.705428	1.21407	1.21407	0.660484	0.797894	-1.2533	2.55606	10.5625	3.67318	1
cg03472453	TPCN2	0.100471	0.677869	1.08086	1.08086	0.797655	0.953302	-1.04899	0.760945	0.944782	-1.05845	0.123973	0.733374	-1.36356	0.744934	0.941045	-1.06265	0.196248	1.28964	1.28964	0.00547312	1.97388	1.97388	0.289535	0.814943	-1.22708	0.898679	1.024	1.024	2.55605	1.4027	0.487799	1
cg09130535	ADRBK1	0.100472	0.858806	0.917871	-1.08948	0.0111709	4.62044	4.62044	0.172944	2.00968	2.00968	0.7597	0.862731	-1.15911	0.060678	0.361386	-2.76713	0.633332	1.26024	1.26024	0.558765	0.752344	-1.32918	0.622844	1.26944	1.26944	0.195969	0.517824	-1.93116	2.55604	9.37662	3.26081	1
cg02456226	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.100472	0.743972	0.955104	-1.04701	0.42986	0.893197	-1.11957	0.969439	1.00538	1.00538	0.769394	1.04207	1.04207	0.44825	0.897335	-1.11441	0.0993705	1.28812	1.28812	0.00445627	0.587594	-1.70186	0.215282	0.832917	-1.2006	0.616259	0.931626	-1.07339	2.55603	0.795312	0.276578	1
cg27360784	ZNF423	0.100473	0.0961268	0.475995	-2.10086	0.206537	1.71817	1.71817	0.77144	1.12562	1.12562	0.650718	0.830958	-1.20343	0.109058	0.49167	-2.03388	0.349283	0.676077	-1.47912	0.0156956	0.300276	-3.33027	0.0609006	0.423901	-2.35904	0.151253	0.535384	-1.86782	2.55603	6.68158	2.3236	1
cg01281078	C17orf37	0.100475	0.721444	0.854804	-1.16986	0.461401	1.38901	1.38901	0.374879	1.49052	1.49052	0.545527	1.30747	1.30747	0.00496191	5.10452	5.10452	0.0410608	2.80966	2.80966	0.786367	0.887762	-1.12643	0.770357	1.13686	1.13686	0.379915	0.67387	-1.48397	2.55601	7.7741	2.70355	1
cg01791634	TMC8	0.100475	0.218227	0.588197	-1.70011	0.470138	0.740021	-1.35131	0.037436	0.371764	-2.68988	0.775419	1.12435	1.12435	0.0056519	0.225832	-4.42806	0.833536	0.917377	-1.09006	0.351671	1.48104	1.48104	0.761183	0.882579	-1.13304	0.933084	1.03501	1.03501	2.55601	6.79691	2.36372	1
cg03740640	MGST3	0.100475	0.202309	1.23511	1.23511	0.00803914	0.587056	-1.70342	0.198277	0.807936	-1.23772	0.172047	0.796104	-1.25612	0.835383	1.03318	1.03318	0.471649	0.8915	-1.12171	0.6883	0.938703	-1.0653	0.639526	0.928676	-1.0768	0.147708	1.27588	1.27588	2.556	0.99605	0.346391	1
cg09545579	BAHCC1	0.100478	0.0283059	0.10728	-9.32141	0.287346	0.385778	-2.59216	0.491936	0.547821	-1.82541	0.147747	0.262099	-3.81536	0.0300281	0.110748	-9.02951	0.613023	1.55228	1.55228	0.0149786	0.0758548	-13.1831	0.937021	0.934134	-1.07051	0.35049	0.436683	-2.28999	2.55598	30.0927	10.4653	1
cg05601012	CUGBP1;CUGBP1;CUGBP1	0.100478	0.788308	1.08225	1.08225	0.135431	0.623375	-1.60417	0.186179	1.50925	1.50925	0.16265	0.645494	-1.5492	0.00708666	0.359936	-2.77828	0.471076	1.24026	1.24026	0.876824	0.95547	-1.04661	0.738497	0.906289	-1.1034	0.199805	0.6718	-1.48854	2.55598	3.49149	1.21423	1
cg00609296	TTC15	0.10048	0.428056	0.826746	-1.20956	0.399379	1.22491	1.22491	0.392883	0.813987	-1.22852	0.830246	1.05178	1.05178	0.0539715	0.59786	-1.67263	0.475816	0.843244	-1.1859	0.630542	1.1207	1.1207	0.564017	0.871849	-1.14699	0.00444425	0.409647	-2.44113	2.55596	2.23827	0.778405	1
cg02193925	TNPO3	0.100482	?	?	?	0.0808458	0.347676	-2.87624	0.0572019	0.307915	-3.24765	0.350155	1.67984	1.67984	0.29029	0.552829	-1.80888	0.449235	1.51478	1.51478	0.533207	0.712085	-1.40433	0.598714	1.3305	1.3305	0.0180621	0.203745	-4.9081	2.74542	10.9103	3.47725	1
cg19447496	RB1	0.100482	0.608944	0.896581	-1.11535	0.2693	0.783959	-1.27558	0.372488	0.823893	-1.21375	0.671811	0.913784	-1.09435	0.239421	1.29777	1.29777	0.0723016	1.5286	1.5286	0.00962887	2.00031	2.00031	0.431129	0.843662	-1.18531	0.6582	0.910102	-1.09878	2.55593	1.81202	0.630177	1
cg27456769	PARP11	0.100483	0.406337	0.808013	-1.2376	0.103729	0.639868	-1.56282	0.0568069	0.582168	-1.71772	0.438509	0.820124	-1.21933	0.0297088	1.90056	1.90056	0.955581	1.01408	1.01408	0.192713	1.41335	1.41335	0.558563	1.16004	1.16004	0.243223	1.35858	1.35858	2.55592	2.54926	0.886573	1
cg02329430	NPTN;NPTN;NPTN;NPTN	0.100483	0.158425	0.417728	-2.3939	0.754234	0.833744	-1.19941	0.660449	0.774184	-1.29168	0.349625	0.572671	-1.7462	0.0249849	0.213464	-4.68463	0.27282	0.516438	-1.93634	0.00685389	0.13168	-7.59418	0.724967	1.22693	1.22693	0.10858	0.362991	-2.75489	2.55592	13.5696	4.71919	1
cg09390974	NFKB1;NFKB1	0.100483	0.0422844	0.697727	-1.43322	0.082627	0.743948	-1.34418	0.121882	0.772588	-1.29435	0.00938573	0.602422	-1.65997	0.125818	0.775007	-1.29031	0.574477	0.91641	-1.09121	0.144009	0.785431	-1.27319	0.624239	1.07893	1.07893	0.666157	0.935393	-1.06907	2.55592	0.958423	0.333317	1
cg16385758	RASSF2;RASSF2	0.100484	0.316509	0.756148	-1.32249	0.0153884	0.448109	-2.2316	0.0673787	0.575079	-1.73889	0.0225998	0.478562	-2.08959	0.833512	0.944768	-1.05846	0.601472	1.15285	1.15285	0.770002	0.923916	-1.08235	0.342102	1.30241	1.30241	0.4641	0.817803	-1.22279	2.55591	2.94931	1.02571	1
cg21503275	RAD51L1;RAD51L1;RAD51L1	0.100487	0.0508132	0.300734	-3.32519	0.809926	0.877991	-1.13896	0.0399829	0.277505	-3.60353	0.0900584	0.364632	-2.74249	0.00892342	0.165883	-6.02834	0.260225	0.530384	-1.88543	0.218173	0.49685	-2.01268	0.181376	0.464781	-2.15155	0.136857	0.420904	-2.37584	2.55587	11.8038	4.10517	1
cg15679651	MAP4K1;MAP4K1;EIF3K	0.10049	0.00668181	0.44415	-2.25149	0.0874921	0.647193	-1.54513	0.266062	0.765442	-1.30643	0.623274	0.892082	-1.12097	0.0902178	0.650075	-1.53828	0.842728	1.04688	1.04688	0.947894	1.01519	1.01519	0.124011	0.680992	-1.46845	0.0704004	0.627222	-1.59433	2.55584	2.15353	0.74897	1
cg07708721	SNORA38;BAT2	0.100493	0.065385	0.606166	-1.64971	0.274673	0.75951	-1.31664	0.306771	1.29186	1.29186	0.676267	1.10698	1.10698	0.0566392	0.593207	-1.68575	0.205278	0.723652	-1.38188	0.0332072	0.547431	-1.82671	0.0361983	0.554592	-1.80313	0.399898	0.811747	-1.23191	2.55581	2.37115	0.824667	1
cg08422844	XYLT1	0.100495	0.446168	0.816162	-1.22525	0.149886	1.49757	1.49757	0.237746	1.38201	1.38201	0.182814	1.44746	1.44746	0.153511	0.670465	-1.4915	0.179164	1.45252	1.45252	0.199301	0.701327	-1.42587	0.788201	0.931983	-1.07298	0.0283811	0.5082	-1.96773	2.55579	2.77013	0.963435	1
cg07449799	ZNF35	0.100502	0.536893	0.896595	-1.11533	0.361604	1.17786	1.17786	0.219949	1.25251	1.25251	0.738089	0.943102	-1.06033	0.0363453	0.653939	-1.5292	0.157976	0.768353	-1.30148	0.0212148	1.62182	1.62182	0.574562	0.905738	-1.10407	0.613413	0.914912	-1.093	2.55571	1.23337	0.42897	1
cg21884421	IGDCC3	0.100503	0.0708027	1.53662	1.53662	0.393641	1.20435	1.20435	0.568681	0.884624	-1.13042	0.547695	1.13822	1.13822	0.605989	0.895188	-1.11708	0.0967855	0.678467	-1.47391	0.614915	0.89768	-1.11398	0.0212509	1.80264	1.80264	0.0844896	1.50093	1.50093	2.55569	1.8329	0.637496	1
cg12708807	CRYZL1	0.100503	0.453668	0.481541	-2.07666	0.0116668	20.4409	20.4409	0.229549	3.34348	3.34348	0.278041	2.94438	2.94438	0.095311	0.172997	-5.78046	0.214191	0.285931	-3.49735	0.826996	0.810948	-1.23312	0.269966	3.00332	3.00332	0.993764	1.00751	1.00751	2.55569	37.0986	12.9032	1
cg06630869	SAPS1	0.100504	0.0658487	0.548478	-1.82323	0.826416	0.938087	-1.066	0.190739	1.49657	1.49657	0.0733236	1.78802	1.78802	0.499021	0.818973	-1.22104	0.902707	0.965038	-1.03623	0.0166858	0.427254	-2.34053	0.374048	0.766805	-1.30411	0.583523	0.851192	-1.17482	2.55569	3.42758	1.19214	1
cg02419716	SMARCD3;SMARCD3	0.100505	0.923697	0.980926	-1.01944	0.466644	0.861643	-1.16057	0.0524412	1.55793	1.55793	0.561102	1.1254	1.1254	0.029592	0.597559	-1.67347	0.493897	1.14988	1.14988	0.0680919	1.5079	1.5079	0.0942094	1.44756	1.44756	0.757813	1.06415	1.06415	2.55568	1.63574	0.568925	1
cg15820451	ESPNL	0.100505	0.0656432	0.352426	-2.83747	0.320358	1.67926	1.67926	0.73572	1.18651	1.18651	0.510868	1.40027	1.40027	0.00540848	0.157514	-6.34865	0.889941	0.932491	-1.0724	0.599168	0.765105	-1.30701	0.731274	0.840268	-1.1901	0.20749	0.511196	-1.9562	2.55567	10.3153	3.58775	1
cg06470279	MRC2	0.100506	0.935275	0.960293	-1.04135	0.0522374	0.332413	-3.00831	0.322833	0.600843	-1.66433	0.53446	0.730639	-1.36866	0.0893875	2.54545	2.54545	0.964652	1.02235	1.02235	0.13763	0.450418	-2.22016	0.0473288	3.10167	3.10167	0.191577	1.99307	1.99307	2.55567	10.0721	3.50318	1
cg00437985	CRYM	0.100506	0.086912	0.633456	-1.57864	0.355424	0.794878	-1.25805	0.0426733	0.569206	-1.75683	0.76095	0.928961	-1.07647	0.185354	0.712356	-1.40379	0.0273955	0.532491	-1.87796	0.0146374	0.48389	-2.06659	0.198888	0.720475	-1.38797	0.805217	1.06148	1.06148	2.55566	2.36052	0.821014	1
cg22250382	POFUT2;POFUT2;POFUT2	0.100507	0.816082	1.11727	1.11727	0.89232	1.06659	1.06659	0.627419	0.792314	-1.26213	0.913961	1.05279	1.05279	0.0242618	0.278515	-3.59048	0.00828855	0.200575	-4.98567	0.187083	0.513987	-1.94557	0.734626	1.17579	1.17579	0.126438	0.455246	-2.19661	2.55566	9.16939	3.18923	1
cg20308817	CLEC11A	0.100508	0.809813	1.09581	1.09581	0.100523	1.9792	1.9792	0.174626	1.72965	1.72965	0.0519065	2.31482	2.31482	0.06241	0.451184	-2.21639	0.183748	1.70772	1.70772	0.214525	1.64191	1.64191	0.0435056	2.41315	2.41315	0.434818	1.35308	1.35308	2.55564	5.82852	2.02724	1
cg11436027	CALD1;CALD1;CALD1	0.100509	0.232766	0.671117	-1.49005	0.0585328	0.506017	-1.97622	0.0593129	0.507345	-1.97104	0.0414181	0.472532	-2.11626	0.10627	0.569951	-1.75454	0.212726	0.658166	-1.51937	0.134354	1.67288	1.67288	0.27783	0.697891	-1.43289	0.131256	0.594923	-1.68089	2.55563	4.11181	1.43015	1
cg17914927	ARHGEF6	0.100511	0.0610201	2.54829	2.54829	0.21337	0.559589	-1.78703	0.403975	0.684992	-1.45987	0.130903	0.485463	-2.05989	0.0519692	0.375454	-2.66344	0.118041	2.12112	2.12112	0.220973	1.76837	1.76837	0.580882	1.28026	1.28026	0.703484	1.18463	1.18463	2.55561	7.94502	2.76342	1
cg24322052	POU2F3	0.100511	0.33723	0.811974	-1.23157	0.0590169	1.56651	1.56651	0.172284	1.35777	1.35777	0.879901	0.968671	-1.03234	0.275096	0.78738	-1.27004	0.195815	0.749769	-1.33374	0.249563	0.776206	-1.28832	0.155592	1.37696	1.37696	0.0459888	1.61844	1.61844	2.55561	1.79385	0.623934	1
cg06927337	LFNG;LFNG	0.100513	0.0279825	0.355872	-2.81	0.0443099	0.398803	-2.50751	0.0213978	0.332801	-3.0048	0.903044	0.952661	-1.04969	0.310974	0.658916	-1.51764	0.394472	1.41493	1.41493	0.0740773	0.452877	-2.20811	0.405262	0.712583	-1.40334	0.411943	0.716165	-1.39633	2.55559	6.40967	2.22942	1
cg22152931	PRKRIP1	0.100514	0.748616	0.843901	-1.18497	0.0431022	3.41594	3.41594	0.137989	2.32353	2.32353	0.108153	0.396444	-2.52242	0.034114	0.271115	-3.68847	0.905796	0.93942	-1.06449	0.576282	1.34718	1.34718	0.908625	0.941195	-1.06248	0.182125	0.473539	-2.11176	2.55558	11.2776	3.92261	1
cg00447817	SHANK2;SHANK2	0.100514	0.446722	0.601903	-1.6614	0.00681581	0.100808	-9.91985	0.0313948	0.191583	-5.21968	0.645172	0.738222	-1.35461	0.155133	0.369406	-2.70705	0.249812	0.455095	-2.19734	0.295194	0.491351	-2.03521	0.0752206	0.273429	-3.65726	0.742618	1.24074	1.24074	2.55558	17.3423	6.03203	1
cg25979244	DISC1;DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1	0.100515	0.0647244	0.296655	-3.37092	0.0127115	0.163049	-6.13314	0.0424608	0.254468	-3.92977	0.097356	0.344529	-2.90252	0.223604	0.472874	-2.11473	0.12755	0.380941	-2.62508	0.124203	0.377164	-2.65137	0.246093	0.491394	-2.03503	0.0515953	0.273156	-3.66092	2.55557	13.8858	4.82982	1
cg10348193	LRRC61;ACTR3C;LRRC61	0.100516	0.0361654	18.3059	18.3059	0.225588	4.56586	4.56586	0.104841	8.29016	8.29016	0.0845777	9.74145	9.74145	0.153362	6.19878	6.19878	0.151106	6.27042	6.27042	0.00986091	48.9937	48.9937	0.0772512	10.4233	10.4233	0.147433	6.39095	6.39095	2.55556	57.633	20.0462	1
cg17238496	SEC22B	0.100517	0.0985217	0.334825	-2.98664	?	?	?	0.0762312	0.303816	-3.29147	0.922016	1.06092	1.06092	0.0120696	0.151034	-6.62104	0.456307	0.632428	-1.58121	0.0726865	0.298411	-3.35108	0.189418	0.431921	-2.31524	0.0795861	0.308795	-3.23839	2.5835	13.2651	5.13456	1
cg06803897	FBXO38;FBXO38	0.100522	0.805104	0.940076	-1.06374	0.203579	1.39854	1.39854	0.0103875	2.24048	2.24048	0.603217	0.877153	-1.14005	0.021436	1.99524	1.99524	0.505138	0.844488	-1.18415	0.675069	1.11113	1.11113	0.294056	1.31263	1.31263	0.693409	0.905708	-1.10411	2.55549	2.52862	0.879542	1
cg21135832	PPP3CA;PPP3CA;PPP3CA;PPP3CA;PPP3CA;PPP3CA	0.100523	0.227742	0.87592	-1.14166	0.0130154	1.38044	1.38044	0.0841615	1.22131	1.22131	0.298653	0.893403	-1.11932	0.788918	0.972315	-1.02847	0.790754	0.972559	-1.02822	0.125112	0.840552	-1.1897	0.451628	0.922893	-1.08355	0.822979	1.02372	1.02372	2.55547	0.443097	0.154125	1
cg15558448	NRXN1;NRXN1;NRXN1	0.100524	0.0825195	1.71933	1.71933	0.505422	1.20977	1.20977	0.17687	0.667293	-1.49859	0.00635802	2.72088	2.72088	0.916773	0.970973	-1.02989	0.802636	1.07312	1.07312	0.149306	1.54611	1.54611	0.419294	1.26182	1.26182	0.739101	0.91011	-1.09877	2.55547	3.21411	1.11799	1
cg07038423	TRAM1L1	0.100525	0.25791	0.780368	-1.28145	0.0676144	0.650451	-1.53739	0.204707	0.754944	-1.3246	0.104189	1.45231	1.45231	0.514349	0.870313	-1.14901	0.589989	0.892016	-1.12106	0.0134019	0.525557	-1.90274	0.407042	1.19502	1.19502	0.808211	1.05241	1.05241	2.55545	1.78585	0.621188	1
cg23302682	T	0.100526	0.410581	0.48648	-2.05558	0.437727	1.96964	1.96964	0.581304	1.61117	1.61117	0.656553	0.681649	-1.46703	0.374317	0.458006	-2.18338	0.380872	0.463168	-2.15904	0.643148	0.670646	-1.4911	0.00337102	30.4059	30.4059	0.788257	1.25924	1.25924	2.55544	29.6768	10.3228	1
cg11191368	ZNF704	0.100528	0.156646	0.408886	-2.44567	0.00944084	0.143428	-6.97215	0.183619	0.434858	-2.2996	0.565525	0.709708	-1.40903	0.0945139	0.33794	-2.95911	0.160926	0.413153	-2.42041	0.0252825	0.208033	-4.80694	0.0648604	0.294088	-3.40034	0.362516	0.575535	-1.73751	2.55542	14.102	4.90531	1
cg04809380	CACNA1H;CACNA1H	0.100529	0.0356141	0.122575	-8.15826	0.111269	0.225651	-4.43162	0.446829	0.514062	-1.94529	0.323765	0.417027	-2.39792	0.0697213	0.175394	-5.70145	0.0948325	0.206912	-4.83297	0.0489413	0.145217	-6.88623	0.026308	0.104218	-9.59523	0.0415132	0.133021	-7.51762	2.55542	29.8076	10.3684	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16661609	LILRB4;LILRB4	0.100531	0.534271	0.761074	-1.31393	0.272381	0.609233	-1.64141	0.0354493	0.345699	-2.89269	0.738758	1.15625	1.15625	0.0243895	0.312382	-3.20121	0.0733158	0.420533	-2.37793	0.127005	2.04605	2.04605	0.222504	0.573454	-1.74382	0.775784	0.883499	-1.13186	2.5554	7.61486	2.64881	1
cg10227830	GAB1;GAB1	0.100531	0.899402	0.952668	-1.04968	0.00869002	0.27744	-3.60438	0.0597957	0.44295	-2.25759	0.399796	1.39161	1.39161	0.417375	0.727786	-1.37403	0.154455	0.557453	-1.79387	0.150634	0.553985	-1.8051	0.21366	0.605301	-1.65207	0.457201	1.3368	1.3368	2.55539	5.94891	2.06932	1
cg12582959	CCDC106;CCDC106	0.100533	0.0953531	1.49779	1.49779	0.634928	0.899913	-1.11122	0.0650419	1.57893	1.57893	0.238467	1.31288	1.31288	0.10155	0.67352	-1.48474	0.444637	0.84214	-1.18745	0.0340113	0.579503	-1.72562	0.732616	0.927177	-1.07854	0.944832	1.01538	1.01538	2.55537	1.96737	0.68435	1
cg09332650	PRR12	0.100535	0.540537	0.794632	-1.25844	0.0626781	0.459706	-2.1753	0.0150548	0.330029	-3.03004	0.66186	0.849354	-1.17737	0.0305119	0.389369	-2.56826	0.0350016	0.401928	-2.48801	0.438116	0.745691	-1.34104	0.534373	0.791778	-1.26298	0.083157	0.490797	-2.0375	2.55534	5.57118	1.93796	1
cg02668055	INPP5A	0.10054	0.147011	0.465776	-2.14696	0.0858452	2.53953	2.53953	0.531194	0.732417	-1.36534	0.491633	0.709693	-1.40906	0.0348983	0.299096	-3.34341	0.330252	0.610645	-1.63761	0.0496203	3.00301	3.00301	0.315571	0.600826	-1.66437	0.892576	0.935818	-1.06858	2.5553	9.7544	3.39318	1
cg18362770	TOX4;METTL3	0.100541	0.226392	0.739128	-1.35295	0.139018	1.46077	1.46077	0.0445242	1.7316	1.7316	0.925107	1.02263	1.02263	0.66897	0.902705	-1.10778	0.474561	0.841084	-1.18894	0.063766	0.608997	-1.64204	0.0701566	1.61896	1.61896	0.375324	0.805303	-1.24177	2.55529	2.29203	0.79731	1
cg05415408	DKFZP586I1420	0.100542	0.0386438	0.226062	-4.42356	0.365535	0.56147	-1.78104	0.82516	1.14724	1.14724	0.0503812	0.250406	-3.99351	0.0307129	0.206852	-4.83438	0.24414	0.469306	-2.13081	0.211855	0.441979	-2.26255	0.0825196	0.303032	-3.29998	0.0267601	0.196084	-5.09985	2.55527	15.5983	5.42612	1
cg15454481	ZNF660	0.100542	0.339866	0.662609	-1.50918	0.245087	0.601265	-1.66316	0.498386	1.33319	1.33319	0.125466	0.499663	-2.00135	0.609775	0.806237	-1.24033	0.194557	0.563175	-1.77565	0.00324498	0.186437	-5.36375	0.311837	0.645476	-1.54924	0.224095	0.586046	-1.70635	2.55527	7.08468	2.46451	1
cg22243000	STARD3;STARD3;STARD3	0.100545	0.460168	0.736873	-1.35709	0.0604922	0.423368	-2.36201	0.0364985	0.372706	-2.68308	0.0953931	0.475244	-2.10418	0.0385218	0.377819	-2.64677	0.940644	1.0307	1.0307	0.0157047	0.300506	-3.32772	0.599549	0.806436	-1.24002	0.75595	0.881089	-1.13496	2.55523	6.67265	2.32121	1
cg23861803	NEU1	0.100547	0.0142587	0.490303	-2.03956	0.674549	1.10471	1.10471	0.049319	1.69728	1.69728	0.756945	1.07595	1.07595	0.202099	1.3738	1.3738	0.407397	0.818869	-1.2212	0.265737	0.760742	-1.31451	0.2701	0.762788	-1.31098	0.855734	0.957995	-1.04385	2.55522	2.25006	0.782731	1
cg22939524	KIAA1549;KIAA1549	0.100553	0.156436	0.733207	-1.36387	0.0160517	1.82809	1.82809	0.996261	0.999041	-1.00096	0.241966	1.28493	1.28493	0.232085	0.773712	-1.29247	0.488955	1.15477	1.15477	0.130287	1.39727	1.39727	0.28052	1.25813	1.25813	0.218841	0.767406	-1.30309	2.55515	1.69586	0.589958	1
cg23486345	C6orf168;C6orf168	0.100555	0.103242	0.838442	-1.19269	0.964839	0.995651	-1.00437	0.572698	1.05798	1.05798	0.131242	1.17481	1.17481	0.965704	0.995758	-1.00426	0.609266	0.950308	-1.05229	0.184478	1.14933	1.14933	0.0083229	1.3958	1.3958	0.486346	0.932455	-1.07244	2.55513	0.395602	0.137624	1
cg02697237	CPAMD8	0.100556	0.461706	1.15327	1.15327	0.208203	1.28727	1.28727	0.034827	1.59701	1.59701	0.949333	0.987979	-1.01217	0.434502	1.16388	1.16388	0.278839	1.23898	1.23898	0.0990021	0.708776	-1.41088	0.0157892	1.75566	1.75566	0.263301	1.24849	1.24849	2.55512	1.4657	0.509897	1
cg27551771	KIAA1210	0.100556	0.142219	2.66725	2.66725	0.502447	0.654928	-1.52689	0.792893	0.849065	-1.17777	0.37124	0.565019	-1.76985	0.0288971	0.201511	-4.96251	0.796816	0.851772	-1.17402	0.0142721	0.152717	-6.54805	0.361687	0.558207	-1.79145	0.100274	0.326393	-3.06379	2.55512	15.6469	5.44333	1
cg14028178	BGN	0.100557	0.51614	0.829283	-1.20586	0.0179702	0.441538	-2.26481	0.0234268	0.463067	-2.15952	0.990774	0.996718	-1.00329	0.0349299	0.497145	-2.01148	0.400407	1.27729	1.27729	0.474889	0.813335	-1.22951	0.590525	0.856887	-1.16701	0.747355	1.09625	1.09625	2.55511	3.27157	1.13814	1
cg25479499	ATG16L1;SCARNA5;ATG16L1	0.100559	0.0511564	1.42091	1.42091	0.0146446	1.6087	1.6087	0.168421	1.26132	1.26132	0.576017	1.09348	1.09348	0.167817	1.26179	1.26179	0.917475	0.983739	-1.01653	0.0158922	1.59546	1.59546	0.424481	1.13772	1.13772	0.987687	1.00244	1.00244	2.55508	1.01254	0.352253	1
cg23250262	EBF3	0.100561	0.5778	1.19025	1.19025	0.0656721	1.89615	1.89615	0.466717	0.795	-1.25786	0.0788596	1.83028	1.83028	0.14328	0.614337	-1.62777	0.269651	1.4277	1.4277	0.509787	0.812926	-1.23012	0.0566606	1.95083	1.95083	0.0645066	1.90271	1.90271	2.55506	3.88258	1.35072	1
cg25736482	MBOAT7;MBOAT7;TMC4;MBOAT7;TMC4	0.100561	0.0325381	0.369882	-2.70357	0.0368385	0.381422	-2.62177	0.185323	1.74773	1.74773	0.786449	0.897679	-1.11398	0.609261	1.22742	1.22742	0.14042	0.532382	-1.87835	0.774369	0.892038	-1.12103	0.145171	1.86237	1.86237	0.300621	0.652895	-1.53164	2.55506	6.39365	2.22431	1
cg24966762	C1orf106;C1orf106	0.100564	0.48168	0.792566	-1.26172	0.0587614	2.00162	2.00162	0.180257	0.629667	-1.58814	0.338294	0.725518	-1.37833	0.0163254	0.385018	-2.59728	0.349321	1.36778	1.36778	0.321405	1.39517	1.39517	0.970279	0.987962	-1.01218	0.270567	0.688733	-1.45194	2.55503	4.27612	1.48765	1
cg03074984	RPS6KA4;RPS6KA4	0.100564	0.326766	0.913572	-1.0946	0.256062	1.11166	1.11166	0.0594407	1.20921	1.20921	0.482816	1.06575	1.06575	0.832812	1.01905	1.01905	0.680695	0.96373	-1.03764	0.0120538	0.756137	-1.32251	0.202918	0.886911	-1.12751	0.506205	0.941556	-1.06207	2.55502	0.322582	0.112226	1
cg17836145	VNN2	0.100571	0.063073	0.419355	-2.38461	0.897329	1.05513	1.05513	0.173229	0.547514	-1.82644	0.279861	0.626913	-1.59512	0.0154999	0.291068	-3.43563	0.895108	0.946647	-1.05636	0.709263	1.16845	1.16845	0.232814	1.68209	1.68209	0.0515519	0.398067	-2.51214	2.55496	6.99119	2.43229	1
cg10180281	SKAP2	0.100571	0.177733	0.600369	-1.66564	0.0920456	0.516522	-1.93603	0.766627	0.899404	-1.11185	0.597211	0.82699	-1.2092	0.0450722	0.440813	-2.26854	0.140854	0.568792	-1.75811	0.00553529	0.272915	-3.66415	0.839912	1.07471	1.07471	0.789417	0.909052	-1.10005	2.55495	5.13483	1.78645	1
cg08356503	BANP;BANP	0.100572	0.750464	0.942758	-1.06072	0.489283	0.878301	-1.13856	0.503663	1.13357	1.13357	0.691469	1.07648	1.07648	0.307754	0.822796	-1.21537	0.274524	0.810549	-1.23373	0.00333489	2.09194	2.09194	0.844851	1.03686	1.03686	0.699523	1.07428	1.07428	2.55494	1.38107	0.480488	1
cg05718389	GTF2A2	0.100573	0.322545	0.767433	-1.30304	0.284628	1.33364	1.33364	0.0542027	1.76119	1.76119	0.527983	0.84736	-1.18014	0.563944	1.16312	1.16312	0.327133	0.769478	-1.29958	0.0178598	0.474361	-2.1081	0.128233	0.653157	-1.53103	0.473227	0.827814	-1.208	2.55493	2.71523	0.94466	1
cg04684485	MFAP3;MFAP3;MFAP3	0.100574	0.308811	0.689699	-1.44991	0.311427	0.691178	-1.44681	0.134545	0.566053	-1.76662	0.293878	0.681126	-1.46816	0.0396588	0.432114	-2.3142	0.10444	0.534723	-1.87013	0.0112451	0.326247	-3.06517	0.745169	1.1219	1.1219	0.0403884	0.433844	-2.30497	2.55491	5.03365	1.75128	1
cg01769160	PRMT3;PRMT3;PRMT3	0.100575	0.820924	1.04682	1.04682	0.436943	0.852099	-1.17357	0.286686	1.25019	1.25019	0.346517	0.822297	-1.21611	0.22946	1.28983	1.28983	0.407521	0.842823	-1.18649	0.00559547	0.479852	-2.08398	0.809737	1.04989	1.04989	0.276067	1.25693	1.25693	2.55491	1.64831	0.573469	1
cg01861613	RNF182;RNF182;RNF182;RNF182	0.100578	0.0262244	0.0828843	-12.065	0.382193	0.428965	-2.33119	0.377453	0.425164	-2.35204	0.639187	0.64021	-1.56199	0.0657535	0.142266	-7.02908	0.167483	0.249188	-4.01303	0.0163741	0.0625906	-15.9768	0.114583	0.197757	-5.05671	0.0339079	0.096447	-10.3684	2.55488	36.0896	12.5562	1
cg02203380	C7orf41	0.100578	0.284823	0.661453	-1.51182	0.380194	1.39778	1.39778	0.215818	1.62356	1.62356	0.0977825	0.508756	-1.96558	0.0198335	0.351205	-2.84734	0.423551	0.737798	-1.35538	0.0271177	0.37787	-2.64641	0.725202	0.876957	-1.14031	0.604243	0.823223	-1.21474	2.55488	5.6004	1.94848	1
cg15054077	NFIX	0.100581	0.0341337	0.332833	-3.00451	0.332681	1.55998	1.55998	0.0285394	0.316698	-3.15758	0.628726	0.805088	-1.2421	0.0314098	0.325244	-3.07462	0.560301	1.29959	1.29959	0.41772	0.69177	-1.44557	0.466587	0.719163	-1.39051	0.498246	1.3579	1.3579	2.55484	8.01183	2.7875	1
cg18211014	TUSC3;TUSC3	0.100581	0.830427	1.07659	1.07659	0.21263	0.636531	-1.57101	0.266426	0.671351	-1.48953	0.995537	0.998077	-1.00193	0.0336592	0.425811	-2.34846	0.397013	0.741971	-1.34776	0.0149725	2.79935	2.79935	0.484806	1.27671	1.27671	0.58284	0.826232	-1.21031	2.55484	4.79147	1.66707	1
cg14684709	CLYBL	0.100584	0.126654	0.161212	-6.203	0.928317	1.1045	1.1045	0.0971823	7.46897	7.46897	0.285555	0.293709	-3.40473	0.123449	0.15832	-6.31633	0.114937	6.64218	6.64218	0.638997	1.68522	1.68522	0.133653	5.9711	5.9711	0.0853805	0.122378	-8.17139	2.55481	49.3689	17.1768	1
cg25944620	MYOZ1;MYOZ1	0.100586	0.884066	0.964355	-1.03696	0.0462783	1.76464	1.76464	0.434148	0.819939	-1.2196	0.895267	1.03331	1.03331	0.923732	1.02411	1.02411	0.0163	2.07643	2.07643	0.0191332	2.02452	2.02452	0.455807	1.20798	1.20798	0.946211	1.01693	1.01693	2.55479	2.50389	0.87118	1
cg06636354	POLD4;LOC100130987	0.100587	0.725014	0.947122	-1.05583	0.67563	1.06687	1.06687	0.533195	0.907481	-1.10195	0.964458	0.993169	-1.00688	0.13628	1.28008	1.28008	0.0487395	1.41375	1.41375	0.011812	0.616554	-1.62192	0.36893	0.867666	-1.15252	0.552312	1.09689	1.09689	2.55477	0.957405	0.333112	1
cg25016635	DHX37	0.100588	0.139422	0.734038	-1.36233	0.34855	0.828939	-1.20636	0.206192	1.2959	1.2959	0.0818762	0.68743	-1.45469	0.134263	0.730582	-1.36877	0.188998	1.31064	1.31064	0.048737	1.54895	1.54895	0.320599	0.81914	-1.22079	0.853898	1.03648	1.03648	2.55476	1.52905	0.53201	1
cg05156582	SKI	0.100589	0.930992	1.05289	1.05289	0.0233649	5.01374	5.01374	0.0575391	3.58966	3.58966	0.177072	2.34838	2.34838	0.180861	0.429383	-2.32893	0.815717	1.14903	1.14903	0.330108	0.549902	-1.81851	0.0595487	3.54437	3.54437	0.443076	1.59256	1.59256	2.55476	14.3265	4.98469	1
cg08061076	MAD1L1;MAD1L1;MAD1L1	0.10059	0.0265112	0.747397	-1.33798	0.287896	0.885019	-1.12992	0.164115	0.848441	-1.17863	0.788216	1.03025	1.03025	0.0147015	0.717165	-1.39438	0.776805	0.969026	-1.03196	0.235644	1.1475	1.1475	0.236296	0.871641	-1.14726	0.6515	1.05162	1.05162	2.55474	0.49586	0.172528	1
cg23211257	TERT;TERT	0.100591	0.357581	1.25816	1.25816	0.156253	0.692013	-1.44506	0.0122746	0.469024	-2.13209	0.142576	1.46605	1.46605	0.944901	1.01692	1.01692	0.727622	0.918629	-1.08858	0.0453357	0.572764	-1.74592	0.841132	0.952452	-1.04992	0.765482	0.929962	-1.07531	2.55473	2.38394	0.829464	1
cg05720573	DYNLT3	0.100591	0.123377	0.443204	-2.2563	0.784317	0.874798	-1.14312	0.709113	0.833015	-1.20046	0.133973	0.45476	-2.19896	0.00975505	0.203211	-4.92099	0.217126	0.530932	-1.88348	0.1158	0.434557	-2.30119	0.431385	1.47925	1.47925	0.0406118	0.315788	-3.16668	2.55473	9.61803	3.34648	1
cg24971846	JAG2;JAG2	0.100599	0.792472	0.877557	-1.13953	0.00829893	0.187949	-5.3206	0.980813	0.988159	-1.01198	0.0857719	2.56151	2.56151	0.689325	0.819504	-1.22025	0.228786	0.53492	-1.86944	0.19708	0.508906	-1.965	0.618717	1.28213	1.28213	0.148469	0.464064	-2.15487	2.55464	9.92749	3.45428	1
cg07236039	LOC645323	0.100603	0.161581	0.68252	-1.46516	0.290783	0.755686	-1.3233	0.236595	0.728423	-1.37283	0.622613	1.13514	1.13514	0.00533672	0.391476	-2.55444	0.25125	0.736166	-1.35839	0.063498	0.586743	-1.70432	0.734581	0.916719	-1.09085	0.0882247	0.618358	-1.61719	2.5546	2.64168	0.919189	1
cg21336650	CARD14;CARD14;CARD14	0.100603	0.356219	1.3785	1.3785	0.12332	1.75884	1.75884	0.110172	0.554923	-1.80205	0.806502	1.08655	1.08655	0.0684147	0.501528	-1.99391	0.0539584	2.09599	2.09599	0.566359	1.21661	1.21661	0.194769	0.628801	-1.59033	0.238183	0.658414	-1.5188	2.5546	4.62931	1.6108	1
cg11416367	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.100603	0.867458	0.960352	-1.04128	0.538468	1.16282	1.16282	?	?	?	0.808135	0.942778	-1.0607	0.43577	1.21238	1.21238	0.535787	1.16401	1.16401	0.00526759	0.410208	-2.43779	0.675651	0.903104	-1.10729	0.155707	1.4447	1.4447	2.58253	2.1328	0.825854	1
cg16600501	SLC1A6	0.100604	0.0813532	0.106949	-9.35022	0.408385	0.375912	-2.6602	0.869151	0.826329	-1.21017	0.242294	0.242701	-4.1203	0.0521609	0.0776412	-12.8798	0.0810253	0.106637	-9.3776	0.0108596	0.024706	-40.4761	0.0589876	0.0848175	-11.79	0.0945163	0.119253	-8.38551	2.5546	54.164	18.8467	1
cg22049321	CR1;CR1	0.100604	0.168553	0.598758	-1.67012	0.721859	1.1331	1.1331	0.00586899	0.2835	-3.52734	0.172395	0.601865	-1.6615	0.0575621	0.472006	-2.11862	0.15549	0.587825	-1.70119	0.0836645	0.512084	-1.9528	0.346459	0.712532	-1.40345	0.358554	0.718894	-1.39103	2.55459	4.94447	1.72046	1
cg09504873	DYNC1LI2	0.100604	0.521336	1.27911	1.27911	0.51267	1.28589	1.28589	0.644644	1.1923	1.1923	0.975372	0.988377	-1.01176	0.0192658	2.92161	2.92161	0.0285249	2.661	2.661	0.269486	0.646944	-1.54573	0.0285723	2.65995	2.65995	0.528659	1.27346	1.27346	2.55459	5.80274	2.01911	1
cg23819145	ITSN2;ITSN2;ITSN2	0.100605	0.707294	0.91073	-1.09802	0.094004	1.57846	1.57846	0.218093	0.725307	-1.37873	0.401465	0.808256	-1.23723	0.752436	0.924554	-1.0816	0.198892	1.40008	1.40008	0.058542	1.69855	1.69855	0.637904	1.1247	1.1247	0.0277981	0.524857	-1.90528	2.55458	2.48625	0.865112	1
cg14027333	PRRT1	0.100607	0.0591231	2.36096	2.36096	0.0297724	2.80398	2.80398	0.307794	1.53048	1.53048	0.450712	1.36317	1.36317	0.452859	0.734703	-1.36109	0.435433	1.37821	1.37821	0.185553	1.76106	1.76106	0.00958809	3.75149	3.75149	0.324019	1.50775	1.50775	2.55456	6.57526	2.28794	1
cg13129612	DHRS4L1	0.100608	0.124434	2.10924	2.10924	0.975371	1.01395	1.01395	0.273245	1.66787	1.66787	0.20937	1.81049	1.81049	0.122394	2.11926	2.11926	0.21712	1.79068	1.79068	0.0075608	4.67224	4.67224	0.0455654	2.79716	2.79716	0.0588024	2.6053	2.6053	2.55454	8.14329	2.83357	1
cg12504030	DNA2	0.100608	0.324474	0.890223	-1.12331	0.6788	1.04874	1.04874	0.435413	1.0952	1.0952	0.582353	0.938499	-1.06553	0.0393776	0.76157	-1.31308	0.666477	0.951656	-1.0508	0.0847206	1.24345	1.24345	0.0858011	1.24232	1.24232	0.0649524	0.789116	-1.26724	2.55454	0.528379	0.183857	1
cg24402183	RNF213	0.100609	0.0923471	0.597614	-1.67332	0.669781	1.12661	1.12661	0.959442	1.01423	1.01423	0.778388	0.92459	-1.08156	0.0379027	0.51225	-1.95217	0.0130495	0.424933	-2.35331	0.0558575	0.547711	-1.82578	0.23247	0.706121	-1.41619	0.78267	1.07987	1.07987	2.55453	3.12454	1.08723	1
cg24705404	DAB1	0.100609	0.903365	1.06022	1.06022	0.507249	0.723333	-1.38249	0.0639815	0.367061	-2.72435	0.26671	0.572878	-1.74557	0.0318994	0.298047	-3.35518	0.431515	1.4718	1.4718	0.383538	0.650402	-1.53751	0.0315284	3.36698	3.36698	0.640717	0.797499	-1.25392	2.55453	9.37648	3.26269	1
cg12597309	DNAH10	0.100611	0.216419	0.481225	-2.07803	0.00887812	0.153734	-6.50473	0.122206	0.389888	-2.56484	0.915765	1.0613	1.0613	0.0598355	0.302992	-3.30042	0.171506	0.441062	-2.26726	0.0361099	0.253988	-3.9372	0.146623	0.41642	-2.40142	0.465616	0.658674	-1.5182	2.55451	12.7919	4.45117	1
cg23264278	HOMER3;HOMER3;HOMER3;HOMER3	0.100611	0.0251287	0.519526	-1.92483	0.0212655	1.97515	1.97515	0.118477	1.51689	1.51689	0.666398	1.11252	1.11252	0.649337	0.893565	-1.11911	0.615726	1.13248	1.13248	0.32981	0.78096	-1.28048	0.578924	1.14776	1.14776	0.958306	0.98723	-1.01294	2.55451	2.44519	0.85085	1
cg23771792	C7orf50;C7orf50;C7orf50	0.100612	0.270264	0.746766	-1.33911	0.456948	0.824724	-1.21253	0.0595151	1.71776	1.71776	0.219591	0.720091	-1.38871	0.262818	0.743066	-1.34578	0.135609	0.664224	-1.50552	0.0707548	1.67135	1.67135	0.322267	1.29705	1.29705	0.155294	1.47231	1.47231	2.55451	2.61789	0.910945	1
cg13217184	TAS2R19;PRR4;PRH1	0.100612	0.082923	0.340807	-2.93421	0.047354	0.280276	-3.56791	0.0764009	0.331157	-3.01971	0.483377	0.670762	-1.49084	0.00555623	0.129727	-7.70848	0.978895	1.01494	1.01494	0.241528	0.502933	-1.98834	0.54507	0.709371	-1.4097	0.467639	0.660777	-1.51337	2.5545	12.7162	4.42487	1
cg06251489	STIM2;STIM2;STIM2	0.100613	0.0170701	0.506944	-1.9726	0.216812	1.35475	1.35475	0.768977	0.933503	-1.07123	0.476196	0.844295	-1.18442	0.832357	0.951682	-1.05077	0.590872	0.88092	-1.13518	0.0309851	0.553381	-1.80707	0.836603	1.04943	1.04943	0.123025	1.47751	1.47751	2.5545	2.20837	0.768448	1
cg15139008	SNORA10;RPS2	0.100613	0.563288	0.896837	-1.11503	0.0159686	0.567276	-1.76281	0.0216142	0.589594	-1.69608	0.695367	0.929356	-1.07601	0.0615807	0.670934	-1.49046	0.627082	1.09547	1.09547	0.327876	1.20778	1.20778	0.570551	0.898696	-1.11272	0.977557	1.00525	1.00525	2.71702	1.45775	0.417298	1
cg03153115	GNG7	0.100614	0.577946	0.885989	-1.12868	0.973286	0.992814	-1.00724	0.30431	1.25749	1.25749	0.0991378	0.677499	-1.47602	0.0862456	0.664836	-1.50413	0.0619184	1.57264	1.57264	0.0354382	1.69457	1.69457	0.93764	0.983289	-1.01699	0.336663	1.23782	1.23782	2.55449	1.87658	0.652996	1
cg13998850	CPNE6;CPNE6	0.100615	0.480539	0.691013	-1.44715	0.0925905	0.385216	-2.59595	0.204917	1.99252	1.99252	0.796174	0.875102	-1.14272	0.323879	0.591473	-1.69069	0.148758	0.450144	-2.22151	0.0185206	0.229461	-4.35803	0.0239154	0.24935	-4.01043	0.312672	0.583754	-1.71305	2.55447	10.7476	3.73987	1
cg21848549	C14orf104;C14orf104	0.100616	?	?	?	0.499088	0.783408	-1.27647	0.042295	0.417873	-2.39307	0.0267124	0.371447	-2.69217	0.0181001	0.335034	-2.98477	0.577103	0.818684	-1.22147	?	?	?	0.738251	0.887965	-1.12617	0.740186	0.888783	-1.12513	3.00501	4.41373	1.25897	1
cg01101472	SAMD9	0.100618	0.816463	0.94568	-1.05744	0.783704	1.06833	1.06833	0.140917	0.683562	-1.46293	0.206157	1.37761	1.37761	0.019377	0.507016	-1.97232	0.29308	1.29955	1.29955	0.0682798	1.63296	1.63296	0.307925	1.28856	1.28856	0.46002	0.834682	-1.19806	2.55444	2.33473	0.812436	1
cg05926425	TFDP1;TFDP1	0.100618	0.878408	0.942168	-1.06138	0.157602	1.80038	1.80038	0.955981	0.97875	-1.02171	0.653733	0.838869	-1.19208	0.0285591	0.365932	-2.73275	0.0372491	0.390287	-2.56222	0.0680434	0.4515	-2.21484	0.295331	0.655542	-1.52546	0.0800119	0.469621	-2.12938	2.55444	6.12574	2.13162	1
cg08332662	CMBL	0.100619	0.0123962	0.533899	-1.87301	0.46825	0.861752	-1.16043	0.625719	0.905649	-1.10418	0.957151	1.01089	1.01089	0.175697	0.748047	-1.33681	0.203683	0.763012	-1.3106	0.692243	1.08351	1.08351	0.42122	1.18016	1.18016	0.0502754	1.56819	1.56819	2.55443	1.64439	0.572214	1
cg20951825	PRDM6	0.100622	0.322055	0.60485	-1.6533	0.0278366	0.278691	-3.5882	0.00928049	0.197421	-5.06531	0.109808	0.424545	-2.35546	0.0729631	0.374194	-2.67241	0.0932934	0.403602	-2.47769	0.742097	0.850184	-1.17622	0.69805	0.825631	-1.2112	0.85089	0.911657	-1.0969	2.55439	9.77251	3.40068	1
cg10802480	FLJ42875;PRDM16;FLJ42875;PRDM16	0.100623	0.159354	1.91758	1.91758	0.0168241	0.28285	-3.53544	0.519978	1.32624	1.32624	0.274343	0.611151	-1.63626	0.74717	0.869332	-1.15031	0.567782	0.778802	-1.28402	0.0910367	2.23866	2.23866	0.114682	0.475822	-2.10163	0.564487	1.28682	1.28682	2.55438	7.5823	2.63853	1
cg15779600	AIFM2	0.100623	0.142379	0.379123	-2.63767	0.38893	0.580978	-1.72124	0.356153	0.55782	-1.79269	0.462299	1.5844	1.5844	0.656063	0.759054	-1.31743	0.392979	0.583801	-1.71291	0.177408	0.414108	-2.41483	0.076975	0.298343	-3.35184	0.0151752	6.262	6.262	2.55438	15.3027	5.32514	1
cg25831189	L3MBTL3;L3MBTL3	0.100625	0.0184666	0.54299	-1.84165	0.894479	1.02876	1.02876	0.965263	0.990737	-1.00935	0.447534	0.847544	-1.17988	0.030054	1.72502	1.72502	0.551384	0.87917	-1.13744	0.140793	0.712826	-1.40287	0.413372	0.836366	-1.19565	0.318675	1.24635	1.24635	2.55436	1.84716	0.642791	1
cg11528666	C4orf29;MFSD8	0.100628	0.292493	0.331703	-3.01474	0.868843	1.18174	1.18174	0.402652	2.37598	2.37598	0.256988	3.30487	3.30487	0.362373	0.388304	-2.5753	0.543212	0.536978	-1.86228	0.600001	1.70686	1.70686	0.00364025	53.2404	53.2404	0.688612	1.50236	1.50236	2.55433	41.3031	14.3732	1
cg08642938	TMEM11;TMEM11	0.10063	0.524211	0.947702	-1.05518	0.661132	0.963954	-1.03739	0.0919185	1.16698	1.16698	0.163733	1.13166	1.13166	0.039656	0.820371	-1.21896	0.0980326	1.16305	1.16305	0.151616	1.13639	1.13639	0.628614	1.0414	1.0414	0.0966173	1.16394	1.16394	2.55431	0.280218	0.0975148	1
cg08595501	IQGAP2	0.100632	0.799671	0.93175	-1.07325	0.0472161	0.531944	-1.8799	0.291437	1.3557	1.3557	0.0525377	0.541841	-1.84556	0.181469	0.674126	-1.4834	0.139635	1.55563	1.55563	0.159363	1.51901	1.51901	0.391562	0.783466	-1.27638	0.2412	0.711017	-1.40644	2.55429	3.12628	1.08794	1
cg03704031	INGX;BCYRN1	0.100633	0.1782	0.363202	-2.75329	0.552658	0.653588	-1.53001	0.185342	0.369948	-2.70308	0.35308	1.96697	1.96697	0.203046	0.386227	-2.58915	0.0378225	0.181747	-5.50214	0.487217	0.606689	-1.64829	0.472021	0.595756	-1.67854	0.0265307	6.4349	6.4349	2.55428	20.2772	7.05647	1
cg17720233	TNFAIP8L2	0.100634	0.34679	0.704869	-1.4187	0.743497	1.12585	1.12585	0.474859	1.29997	1.29997	0.026344	2.58802	2.58802	0.451742	0.758225	-1.31887	0.0237692	0.377501	-2.649	0.175724	0.594666	-1.68162	0.35028	1.41492	1.41492	0.645973	0.846221	-1.18172	2.55427	5.27198	1.83466	1
cg18511285	CCNE2	0.100635	0.0678862	0.742364	-1.34705	0.211608	1.21132	1.21132	0.493717	1.10656	1.10656	0.461906	0.896634	-1.11528	0.832046	1.03142	1.03142	0.762638	0.956832	-1.04512	0.00689708	0.600787	-1.66448	0.200469	0.821189	-1.21775	0.894987	1.01943	1.01943	2.55425	0.858555	0.298781	1
cg17460737	HES1	0.100636	0.402979	0.904567	-1.1055	0.107591	1.2285	1.2285	0.451613	1.09404	1.09404	0.128696	0.824955	-1.21219	0.697874	0.955314	-1.04678	0.123274	0.822296	-1.21611	0.0524705	0.77227	-1.29488	0.0266442	0.73502	-1.36051	0.801655	1.02994	1.02994	2.55424	0.555582	0.193345	1
cg22660933	HOXB1	0.100637	0.053419	18.6245	18.6245	0.0147299	54.6692	54.6692	0.182546	6.59036	6.59036	0.113589	9.92328	9.92328	0.0989797	11.1457	11.1457	0.090998	11.9605	11.9605	0.159055	7.43528	7.43528	0.295423	4.24732	4.24732	0.0261672	33.6727	33.6727	2.55423	71.8756	25.0132	1
cg24364491	TAP2;TAP2	0.100639	0.37711	0.773349	-1.29308	0.0228448	2.16489	2.16489	0.963854	0.98723	-1.01293	0.477005	1.22759	1.22759	0.953584	1.01664	1.01664	0.952884	1.0169	1.0169	0.40449	1.27367	1.27367	0.0181649	0.443336	-2.25563	0.2107	0.687965	-1.45356	2.5542	3.25344	1.13223	1
cg01176028	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.100641	0.406606	0.667591	-1.49792	0.0209144	3.75378	3.75378	0.0779859	2.53996	2.53996	0.727244	0.846481	-1.18136	0.0555947	0.35613	-2.80796	0.331476	1.61108	1.61108	0.694808	0.828884	-1.20644	0.749805	1.16449	1.16449	0.300836	0.600337	-1.66573	2.55419	9.16422	3.18926	1
cg16050723	SAV1	0.100644	0.511563	1.2315	1.2315	0.472322	1.2569	1.2569	0.524113	0.817166	-1.22374	0.221675	0.669144	-1.49445	0.367545	0.748636	-1.33576	0.187147	0.645786	-1.5485	0.163851	0.628336	-1.59151	0.76114	0.909047	-1.10005	0.00833296	2.87089	2.87089	2.55416	3.9572	1.37717	1
cg04839849	SAMD11	0.100651	0.152518	0.71708	-1.39454	0.0283164	1.75389	1.75389	0.0669263	1.56162	1.56162	0.397493	0.828602	-1.20685	0.369709	0.818796	-1.22131	0.27983	0.783633	-1.27611	0.327613	0.803078	-1.24521	0.737443	1.07575	1.07575	0.16215	1.38252	1.38252	2.55407	1.90513	0.663037	1
cg07095346	ITIH4;ITIH4	0.100652	0.0548045	0.457909	-2.18384	0.905964	1.04329	1.04329	0.381309	0.724687	-1.37991	0.0218758	0.372894	-2.68173	0.0107896	0.317113	-3.15345	0.115725	0.541639	-1.84625	0.171861	0.593593	-1.68466	0.50953	0.786679	-1.27117	0.290116	0.674538	-1.4825	2.55407	5.20201	1.81045	1
cg24421839	UBE2QP1	0.100652	0.134624	0.585851	-1.70692	0.0464246	0.469481	-2.13001	0.0591084	0.493416	-2.02669	0.50479	0.799044	-1.25149	0.015957	0.376034	-2.65933	0.612018	0.844053	-1.18476	0.0387789	0.452403	-2.21042	0.690367	1.14194	1.14194	0.181315	0.62476	-1.60061	2.55406	4.44443	1.54679	1
cg01338148	KCND2	0.100653	0.045619	0.0763831	-13.0919	0.0339328	0.062135	-16.094	0.173248	0.196688	-5.08421	0.0914029	0.124177	-8.05303	0.0511776	0.0827539	-12.084	0.108555	0.14026	-7.12964	0.0285303	0.0550312	-18.1715	0.57018	0.525233	-1.90392	0.0765597	0.109632	-9.12145	2.55405	50.9372	17.7277	1
cg25304107	HOXD4	0.100656	0.0421537	12.3911	12.3911	0.650292	0.612198	-1.63346	0.716214	1.4807	1.4807	0.424587	0.416137	-2.40306	0.0150281	24.869	24.869	0.545245	0.517778	-1.93133	0.0602731	9.75923	9.75923	0.241526	3.73615	3.73615	0.231416	3.85572	3.85572	2.55402	46.7575	16.2732	1
cg05897169	SLFN5	0.100659	0.902317	1.02971	1.02971	0.0749091	1.60478	1.60478	0.293798	1.29649	1.29649	0.308869	1.28547	1.28547	0.0773815	0.62616	-1.59704	0.361939	1.25038	1.25038	0.0135721	2.07157	2.07157	0.179736	1.40461	1.40461	0.236276	1.34436	1.34436	2.55399	2.2999	0.800454	1
cg13802605	SLC1A1	0.100659	0.701689	1.07879	1.07879	0.872208	1.03223	1.03223	0.66128	1.09077	1.09077	0.189481	1.31508	1.31508	0.583434	0.89661	-1.11531	0.915685	0.979347	-1.02109	0.010875	1.87782	1.87782	0.0303062	1.65171	1.65171	0.172121	0.750952	-1.33164	2.55398	1.57081	0.546705	1
cg02988025	IPO8	0.100662	0.57026	0.948647	-1.05413	0.301117	1.10346	1.10346	0.887603	0.987089	-1.01308	0.38866	1.08457	1.08457	0.0277735	1.26999	1.26999	0.038092	0.801785	-1.24722	0.2711	0.900066	-1.11103	0.279852	1.10875	1.10875	0.138757	1.15771	1.15771	2.55395	0.341566	0.11888	1
cg14437442	ENPP6	0.100665	0.524524	0.901347	-1.10945	0.387101	0.866944	-1.15348	0.74005	0.947787	-1.05509	0.625225	1.08251	1.08251	0.00433393	1.84791	1.84791	0.472183	1.12499	1.12499	0.200879	1.24305	1.24305	0.877594	0.975482	-1.02513	0.241018	0.820636	-1.21857	2.55392	1.04918	0.365164	1
cg02233217	SAMD5	0.100666	0.559021	1.24088	1.24088	0.549076	0.801368	-1.24787	0.14033	0.560219	-1.78502	0.0659318	0.470675	-2.12461	0.0102248	0.306487	-3.26279	0.864038	0.939318	-1.0646	0.58716	0.818532	-1.2217	0.832569	0.925588	-1.08039	0.0240658	0.37425	-2.67201	2.55392	5.39635	1.8782	1
cg12738008	MYOM2	0.100667	0.572281	0.795103	-1.2577	0.823402	1.09397	1.09397	0.699099	1.16891	1.16891	0.164873	0.551378	-1.81364	0.0145009	0.298138	-3.35415	0.584683	0.801099	-1.24828	0.0329453	2.72444	2.72444	0.314155	1.51931	1.51931	0.623814	0.81986	-1.21972	2.5539	6.53038	2.27291	1
cg11873161	AATK	0.100667	0.497339	1.40729	1.40729	0.00433853	6.62063	6.62063	0.0654328	2.78814	2.78814	0.228825	1.87054	1.87054	0.400405	1.53237	1.53237	0.381565	1.5605	1.5605	0.0422482	3.19038	3.19038	0.38395	1.55685	1.55685	0.182864	2.01551	2.01551	2.5539	9.94507	3.4614	1
cg14693961	ARHGEF1;ARHGEF1;ARHGEF1	0.100667	0.982269	1.00313	1.00313	0.117649	1.27037	1.27037	0.745889	0.955241	-1.04686	0.134045	0.796478	-1.25553	0.148157	0.803756	-1.24416	0.207837	0.829422	-1.20566	0.042537	0.71972	-1.38943	0.0545297	1.35958	1.35958	0.646761	0.937087	-1.06714	2.5539	0.802177	0.279199	1
cg24271100	EXOSC9;EXOSC9	0.100668	0.13401	0.539057	-1.85509	0.278785	1.5344	1.5344	?	?	?	0.0753343	2.14041	2.14041	0.777339	1.11315	1.11315	0.0512836	0.424831	-2.35388	0.15683	0.560862	-1.78297	0.586725	1.2309	1.2309	0.160246	1.77325	1.77325	2.74305	5.39958	1.7224	1
cg20377627	SCNN1G	0.100669	0.772378	1.16784	1.16784	0.0387062	3.5992	3.5992	0.179383	2.14455	2.14455	0.392807	1.59727	1.59727	0.175247	2.16227	2.16227	0.836555	1.11684	1.11684	0.105784	0.388621	-2.5732	0.01724	4.72156	4.72156	0.209813	2.02797	2.02797	2.55387	11.5749	4.02871	1
cg20980879	DYNLRB1	0.10067	0.910797	0.985425	-1.01479	0.286146	0.864924	-1.15617	0.54713	0.923285	-1.08309	0.108291	0.794917	-1.25799	0.105579	0.793246	-1.26064	0.244381	1.17298	1.17298	0.211874	0.841739	-1.18802	0.0326365	1.38756	1.38756	0.158045	1.21862	1.21862	2.55387	0.694176	0.241612	1
cg23954880	MAD1L1;MAD1L1;MAD1L1	0.100672	0.497232	0.720311	-1.38829	0.981172	1.0113	1.0113	0.0118862	0.22434	-4.45751	0.919255	0.95288	-1.04945	0.00932827	0.208106	-4.80524	0.456597	1.43462	1.43462	0.321876	0.614388	-1.62764	0.851255	0.91452	-1.09347	0.600947	0.777861	-1.28558	2.55384	9.16458	3.18982	1
cg20212877	ZNF616	0.100673	0.289039	0.76489	-1.30738	0.119163	1.50962	1.50962	0.0109412	2.17655	2.17655	0.841403	1.05	1.05	0.962552	1.0115	1.0115	0.417018	0.817097	-1.22384	0.502527	0.847279	-1.18025	0.523134	1.1707	1.1707	0.0464818	1.74254	1.74254	2.55383	2.39884	0.834943	1
cg12917475	BCL2L2	0.100675	0.563372	0.863929	-1.1575	0.19669	1.40741	1.40741	0.0049442	2.53944	2.53944	0.894966	1.03362	1.03362	0.988014	0.996246	-1.00377	0.336166	0.780133	-1.28183	0.435649	0.819444	-1.22034	0.476096	0.834086	-1.19892	0.194063	1.41058	1.41058	2.55381	2.53538	0.882473	1
cg08583001	PVRL2;PVRL2	0.100677	0.755281	0.947927	-1.05493	0.662825	1.07793	1.07793	0.214617	1.25038	1.25038	0.513204	1.1201	1.1201	0.272579	1.2157	1.2157	0.287718	0.827954	-1.2078	0.00553388	0.536039	-1.86553	0.301192	1.20108	1.20108	0.844045	1.03426	1.03426	2.55379	1.18326	0.411852	1
cg20923575	MTMR4	0.100677	0.902833	1.03469	1.03469	0.149677	0.649677	-1.53923	0.0158727	0.438316	-2.28146	0.522684	1.19828	1.19828	0.0484604	0.53287	-1.87663	0.527422	1.19575	1.19575	0.145846	1.54646	1.54646	0.60821	1.15531	1.15531	0.701811	1.11339	1.11339	2.55379	3.15315	1.09751	1
cg17852104	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.10068	0.155913	0.295719	-3.38159	0.168157	0.307679	-3.25014	0.622935	0.671841	-1.48845	0.0296282	7.80658	7.80658	0.27618	0.402906	-2.48197	0.0804939	0.211011	-4.73908	0.0696729	0.196286	-5.09461	0.193126	0.331125	-3.02001	0.87284	1.13718	1.13718	2.55376	26.05	9.06725	1
cg05682094	PCNA;CDS2	0.10068	0.142008	0.740961	-1.3496	0.126049	1.36938	1.36938	0.0484926	0.651764	-1.5343	0.301476	1.22545	1.22545	0.417369	1.17046	1.17046	0.295224	1.22894	1.22894	0.141712	0.740772	-1.34994	0.231873	0.788103	-1.26887	0.122559	0.727772	-1.37406	2.55376	1.45872	0.507739	1
cg19914124	PRDM16;PRDM16	0.10068	0.224551	0.573056	-1.74503	0.681859	1.19708	1.19708	0.274169	1.64311	1.64311	0.209915	0.561762	-1.78011	0.0246331	0.311006	-3.21537	0.109548	2.1413	2.1413	0.0635095	2.48577	2.48577	0.922373	0.958354	-1.04346	0.868454	1.07502	1.07502	2.55376	7.70361	2.6814	1
cg01842473	IRF7;MUPCDH;IRF7;MUPCDH	0.100682	0.933649	1.01919	1.01919	0.0577228	1.63226	1.63226	0.814767	1.05505	1.05505	0.620124	1.12085	1.12085	0.0160987	0.510453	-1.95904	0.574144	1.13843	1.13843	0.0664406	1.59998	1.59998	0.961044	0.988909	-1.01121	0.163977	1.40371	1.40371	2.55374	2.10865	0.733965	1
cg16658734	SMPD3	0.100683	0.238822	0.620883	-1.61061	0.00782249	0.267446	-3.73907	0.863346	1.06882	1.06882	0.559044	0.795915	-1.25642	0.475718	0.755639	-1.32338	0.97201	0.986536	-1.01365	0.0133836	0.306211	-3.26572	0.825261	0.91812	-1.08918	0.171279	0.56964	-1.75549	2.55373	6.03673	2.10123	1
cg18194655	PXK	0.100686	0.947565	0.986704	-1.01348	0.359733	0.825604	-1.21124	0.243587	0.780121	-1.28185	0.682818	0.919787	-1.08721	0.197559	0.757904	-1.31943	0.165466	1.35128	1.35128	0.00665111	2.04772	2.04772	0.874967	1.03257	1.03257	0.438956	1.17428	1.17428	2.55369	1.67515	0.583087	1
cg08302486	LSM1;BAG4	0.100686	0.988912	1.00176	1.00176	0.596026	1.07021	1.07021	0.624858	0.939413	-1.06449	0.824238	0.972183	-1.02861	0.577832	1.07391	1.07391	0.422029	0.90121	-1.10962	0.00527393	0.627199	-1.59439	0.570457	0.929861	-1.07543	0.062942	1.30385	1.30385	2.55369	0.650519	0.226433	1
cg03271813	CACNA1H;CACNA1H	0.100687	0.26001	0.813924	-1.22862	0.0161081	1.67534	1.67534	0.30538	1.2044	1.2044	0.647774	0.922559	-1.08394	0.201676	0.789574	-1.26651	0.774639	0.950941	-1.05159	0.0277002	1.57786	1.57786	0.97904	1.00461	1.00461	0.700969	1.06995	1.06995	2.55368	1.24194	0.432296	1
cg02889488	MMP16;MMP16;MMP16;MMP16	0.100689	0.0187072	0.747662	-1.3375	0.663098	0.956253	-1.04575	0.472053	0.92807	-1.07751	0.320811	1.11035	1.11035	0.399065	0.915667	-1.0921	0.0225009	0.756611	-1.32168	0.519284	0.935505	-1.06894	0.330014	0.902506	-1.10803	0.150251	1.17044	1.17044	2.55366	0.42119	0.146609	1
cg01953390	PGAM2	0.10069	0.13401	0.469436	-2.13021	0.693238	0.830668	-1.20385	0.269219	1.71334	1.71334	0.913765	1.052	1.052	0.0452893	0.341416	-2.92898	0.0675144	0.383448	-2.60791	0.0418358	0.333635	-2.99729	0.0337664	0.313463	-3.19017	0.539232	0.7476	-1.33761	2.55365	8.85643	3.0828	1
cg07420135	TUBA1B	0.100692	0.879963	0.967069	-1.03405	0.273917	1.28695	1.28695	0.250814	1.30459	1.30459	0.363851	0.813201	-1.22971	0.424472	1.19811	1.19811	0.230603	0.756785	-1.32138	0.005913	0.450278	-2.22085	0.86764	1.03765	1.03765	0.402447	1.20909	1.20909	2.55363	1.98582	0.691243	1
cg07382039	OBSCN;OBSCN	0.100693	0.0664449	0.269814	-3.70626	0.173254	0.397615	-2.51499	0.800214	0.850957	-1.17515	0.275181	0.485519	-2.05965	0.0528538	0.246458	-4.05749	0.120354	0.342219	-2.92211	0.0179541	0.160377	-6.2353	0.0357244	0.211096	-4.73718	0.0625555	0.263444	-3.79587	2.55361	16.3822	5.70251	1
cg26628795	BUB1	0.100696	0.279034	0.866414	-1.15418	0.091793	1.26681	1.26681	0.605362	0.935749	-1.06866	0.842471	0.974968	-1.02567	0.808611	0.969556	-1.0314	0.332094	0.880307	-1.13597	0.00633764	0.635837	-1.57273	0.666854	1.05673	1.05673	0.304753	1.145	1.145	2.55358	0.656479	0.228517	1
cg26618039	CPNE7;CPNE7	0.100696	0.251278	1.18455	1.18455	0.0895783	1.30271	1.30271	0.413184	1.12547	1.12547	0.0455213	1.38269	1.38269	0.0549274	1.36009	1.36009	0.154703	1.24013	1.24013	0.0103446	1.57836	1.57836	0.587767	0.925583	-1.0804	0.341495	1.14854	1.14854	2.55358	0.807392	0.28105	1
cg10913846	PAX9	0.1007	0.0152375	0.224713	-4.45012	0.0696968	0.36196	-2.76274	0.90746	0.943411	-1.05998	0.384237	0.639586	-1.56351	0.352272	0.619078	-1.61531	0.275763	0.566673	-1.76469	0.0196998	0.243863	-4.10066	0.353726	1.61284	1.61284	0.230519	0.532515	-1.87788	2.55354	10.1492	3.53295	1
cg00117913	VPS13B;VPS13B;VPS13B;VPS13B	0.1007	0.360019	1.12414	1.12414	0.015562	1.44615	1.44615	0.0654147	1.29325	1.29325	0.297253	1.14382	1.14382	0.0433922	1.33492	1.33492	0.373494	1.12031	1.12031	0.140773	0.821184	-1.21775	0.302527	1.14203	1.14203	0.444153	1.10187	1.10187	2.55354	0.62535	0.217685	1
cg25867056	ACTR5	0.100701	0.120829	1.72104	1.72104	0.325715	1.38748	1.38748	0.953537	1.01898	1.01898	0.877542	1.05102	1.05102	0.0369482	0.457507	-2.18576	0.0242584	2.37922	2.37922	0.503352	0.803177	-1.24506	0.340457	0.728298	-1.37306	0.250599	1.4732	1.4732	2.55352	4.21216	1.46627	1
cg21998840	MAD1L1;MAD1L1;MAD1L1	0.100704	0.103122	0.316762	-3.15695	0.116004	0.332381	-3.0086	0.48594	0.633491	-1.57855	0.247122	0.458271	-2.18211	0.00929975	0.119125	-8.39454	0.166905	0.386679	-2.58613	0.0486398	0.23406	-4.27242	0.581072	0.698115	-1.43243	0.0325068	0.199145	-5.02147	2.5535	16.8136	5.85292	1
cg05906502	ZNF264	0.100705	0.363335	1.23884	1.23884	0.0173705	1.94272	1.94272	0.0942648	0.655908	-1.52461	0.263147	1.30662	1.30662	0.66456	1.1052	1.1052	0.136447	1.4446	1.4446	0.0939704	1.52529	1.52529	0.66247	1.10594	1.10594	0.272528	0.769643	-1.2993	2.55349	2.12558	0.739931	1
cg24281764	MMP17	0.100705	0.417891	0.8273	-1.20875	0.233373	1.3313	1.3313	0.683471	1.09843	1.09843	0.264773	1.30498	1.30498	0.00859537	0.464149	-2.15448	0.0745184	0.634429	-1.57622	0.279724	0.773091	-1.29351	0.343293	0.799642	-1.25056	0.838656	0.954382	-1.0478	2.55348	2.12117	0.738398	1
cg21723486	TP63;TP63;TP63	0.100707	0.837183	0.881056	-1.135	0.00334072	0.0856064	-11.6814	0.105348	0.336573	-2.97113	0.556563	1.44191	1.44191	0.154364	0.3913	-2.55559	0.543694	0.685055	-1.45974	0.391373	0.58248	-1.7168	0.665912	1.30648	1.30648	0.55953	0.695478	-1.43786	2.55346	15.3169	5.332	1
cg18431579	PAGE2B;PAGE2B	0.100709	0.6652	1.16051	1.16051	0.624982	1.18345	1.18345	0.103653	0.544177	-1.83764	0.47369	0.779466	-1.28293	0.00509082	0.282	-3.5461	0.276915	1.47203	1.47203	0.382988	1.35782	1.35782	0.666357	0.862166	-1.15987	0.564467	0.819412	-1.22039	2.55344	4.72748	1.64571	1
cg06309968	FAIM;FAIM;FAIM;FAIM	0.10071	0.68147	1.11371	1.11371	0.174945	1.45715	1.45715	0.69464	1.10844	1.10844	0.392929	0.79582	-1.25656	0.554142	0.855427	-1.16901	0.48684	0.831633	-1.20245	0.470204	0.825544	-1.21132	0.00380475	0.361135	-2.76905	0.501532	1.19484	1.19484	2.55343	2.75394	0.95869	1
cg23564550	HES1	0.100712	0.31869	0.888517	-1.12547	0.0867448	1.24232	1.24232	0.837292	1.02386	1.02386	0.11641	0.82228	-1.21613	0.217848	0.861845	-1.1603	0.516091	1.07844	1.07844	0.0286518	0.743725	-1.34458	0.653811	0.949542	-1.05314	0.101871	1.22799	1.22799	2.55341	0.531979	0.185192	1
cg13547474	NAA11	0.100713	0.8085	1.0674	1.0674	0.0772101	0.589922	-1.69514	0.017034	0.457737	-2.18466	0.699454	1.10983	1.10983	0.0259175	0.491487	-2.03464	0.880041	1.0414	1.0414	0.0551897	0.557708	-1.79305	0.486942	0.827178	-1.20893	0.38662	0.787889	-1.26922	2.5534	2.91813	1.01586	1
cg27382405	KCNH3	0.100717	0.254305	0.22359	-4.47246	0.464817	2.55015	2.55015	0.567488	0.483234	-2.06939	0.0760188	0.0833578	-11.9965	0.107148	0.109355	-9.14456	0.821094	1.3298	1.3298	0.179532	6.01359	6.01359	0.758527	0.678391	-1.47408	0.0194846	34.9384	34.9384	2.55335	64.0399	22.294	1
cg14652524	NRF1;NRF1	0.100721	0.926348	1.0336	1.0336	0.100337	1.90297	1.90297	0.0459248	0.441446	-2.26528	0.0290114	0.39857	-2.50897	0.936464	0.971908	-1.0289	0.740026	0.887793	-1.12639	0.103112	1.89129	1.89129	0.421259	0.745542	-1.34131	0.481666	1.29125	1.29125	2.55331	5.16572	1.79835	1
cg22310133	XIRP1	0.100722	0.813497	1.05479	1.05479	0.379175	0.815762	-1.22585	0.0219315	0.537668	-1.85988	0.397887	0.822528	-1.21576	0.0193977	1.8927	1.8927	0.36764	1.23229	1.23229	0.364538	1.23405	1.23405	0.91274	1.02505	1.02505	0.475109	0.848803	-1.17813	2.5533	2.06011	0.717192	1
cg00890041	NEU1;NEU1	0.100722	0.989842	1.00475	1.00475	0.992214	1.00364	1.00364	0.495056	0.772801	-1.29399	0.759843	0.892204	-1.12082	0.0920697	0.501653	-1.99341	0.181732	0.590168	-1.69443	0.014114	0.324039	-3.08605	0.707242	0.869052	-1.15068	0.0399584	2.41877	2.41877	2.55329	5.59629	1.94826	1
cg03738959	MCART1;MCART1;MCART1;MCART1	0.100722	0.975715	1.00453	1.00453	0.149033	0.794824	-1.25814	0.475647	0.897948	-1.11365	0.316326	0.8575	-1.16618	0.470278	1.11516	1.11516	0.10125	0.766211	-1.30512	0.0964742	1.31104	1.31104	0.207892	1.21781	1.21781	0.0284295	1.46787	1.46787	2.55329	0.890521	0.310021	1
cg18574395	NDUFV2	0.100723	0.235869	0.800471	-1.24926	0.399859	1.16696	1.16696	0.728303	0.939431	-1.06447	0.501325	0.884906	-1.13006	0.784213	1.05041	1.05041	0.0318619	0.637225	-1.5693	0.00642089	0.529833	-1.88739	0.659585	1.08266	1.08266	0.507415	0.886487	-1.12805	2.55328	1.29803	0.451892	1
cg20305005	SCN2A;SCN2A;SCN2A	0.100724	0.0961566	0.278845	-3.58622	0.686413	1.32804	1.32804	0.565769	1.50049	1.50049	0.47902	0.604694	-1.65373	0.191664	0.380529	-2.62792	0.609868	0.697868	-1.43294	0.00541616	0.0774243	-12.9158	0.178726	0.368403	-2.71442	0.090481	0.271484	-3.68346	2.55328	19.7578	6.87842	1
cg05149498	PDZD2	0.100726	0.0151435	0.452956	-2.20772	0.573107	1.16312	1.16312	0.695866	1.10989	1.10989	0.0263402	0.497043	-2.0119	0.171429	0.679482	-1.47171	0.429966	1.23839	1.23839	0.334904	1.30202	1.30202	0.428549	0.80695	-1.23923	0.841753	1.05448	1.05448	2.55326	2.84815	0.991552	1
cg27258878	RBPMS;RBPMS;RBPMS	0.100726	0.159494	1.18022	1.18022	0.0622989	0.7935	-1.26024	0.488641	0.925388	-1.08063	0.877913	0.983198	-1.01709	0.983885	1.00223	1.00223	0.796462	0.971911	-1.0289	0.0067724	1.47234	1.47234	0.877581	0.983153	-1.01714	0.948892	1.00709	1.00709	2.55325	0.491313	0.171046	1
cg02093062	ZFYVE27;ZFYVE27;ZFYVE27	0.100727	0.163529	1.73547	1.73547	0.1038	1.93375	1.93375	0.103436	1.93534	1.93534	0.184914	1.68419	1.68419	0.031432	0.392341	-2.5488	0.136833	1.81148	1.81148	0.558391	1.24535	1.24535	0.183965	1.68632	1.68632	0.5732	0.809745	-1.23496	2.55324	5.55797	1.93496	1
cg21411674	GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS;GHRL;GHRLOS;GHRLOS;GHRL;GHRL;GHRL;GHRL;GHRLOS	0.100728	0.0268088	0.194887	-5.13119	0.608586	0.724694	-1.37989	0.555912	0.689798	-1.4497	0.0716188	0.285329	-3.50473	0.0584932	0.263772	-3.79115	0.0345382	0.215079	-4.64945	0.0298848	0.203315	-4.91849	0.181102	0.412633	-2.42346	0.110506	0.338159	-2.95719	2.55323	15.717	5.47175	1
cg02308192	NEK9	0.100731	0.0285527	0.290966	-3.43683	0.227905	1.83083	1.83083	0.16989	2.01088	2.01088	0.377346	1.54162	1.54162	0.0776829	0.391819	-2.5522	0.426405	1.47411	1.47411	0.17138	2.00537	2.00537	0.201489	1.90509	1.90509	0.556721	1.32847	1.32847	2.5532	9.23247	3.21426	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20986726	MASP2;MASP2	0.100733	0.129279	0.735777	-1.35911	0.00975178	0.542341	-1.84386	0.182359	0.767256	-1.30335	0.425622	0.858735	-1.1645	0.140486	0.743177	-1.34557	0.483674	1.14253	1.14253	0.161572	1.3229	1.3229	0.56004	0.895552	-1.11663	0.212058	0.781868	-1.27899	2.55318	1.41697	0.493316	1
cg05077231	MLNR	0.100733	0.173633	2.08463	2.08463	0.0512381	3.08467	3.08467	0.062378	2.89916	2.89916	0.0788571	2.69194	2.69194	0.580522	1.32742	1.32742	0.662703	1.24946	1.24946	0.548086	1.36126	1.36126	0.00965024	5.27024	5.27024	0.0555381	3.00732	3.00732	2.55318	10.4121	3.62497	1
cg14853946	KIAA0232;KIAA0232	0.100736	0.323725	1.30448	1.30448	0.272129	1.34731	1.34731	0.841417	1.05363	1.05363	0.0134452	2.22138	2.22138	0.0604064	0.575647	-1.73718	0.0987724	1.60331	1.60331	0.305028	1.31917	1.31917	0.178735	1.45145	1.45145	0.408532	1.24665	1.24665	2.55315	2.7502	0.957495	1
cg12532477	CHST6	0.100736	0.214838	0.647272	-1.54495	0.183087	0.624621	-1.60097	0.00994662	0.33804	-2.95823	0.825164	1.07649	1.07649	0.0123263	0.354097	-2.82409	0.548856	0.817032	-1.22394	0.78962	0.914768	-1.09317	0.942461	1.02434	1.02434	0.236978	0.661824	-1.51098	2.55314	4.48769	1.56241	1
cg03433510	BOLL;BOLL	0.100741	0.653097	1.08097	1.08097	0.549959	1.10971	1.10971	0.572311	1.10318	1.10318	0.270338	1.21838	1.21838	0.47048	1.13468	1.13468	0.253292	1.22793	1.22793	0.00366422	1.9664	1.9664	0.145505	0.764158	-1.30863	0.875751	0.973431	-1.02729	2.55309	1.19759	0.416955	1
cg17046977	USP3	0.100742	0.674988	0.904352	-1.10576	0.580239	1.14244	1.14244	0.999183	1.00024	1.00024	0.27155	0.761193	-1.31373	0.209258	1.37096	1.37096	0.0363671	0.559905	-1.78602	0.8617	0.959282	-1.04245	0.884293	1.03532	1.03532	0.0115887	2.12219	2.12219	2.55308	2.29808	0.800107	1
cg24892382	HAPLN2	0.100745	0.045341	0.534422	-1.87118	0.0307131	0.500221	-1.99912	0.244954	0.717534	-1.39366	0.0630798	0.565192	-1.76931	0.0121047	0.42583	-2.34836	0.231277	0.709858	-1.40873	0.219651	0.703092	-1.42229	0.113041	0.624556	-1.60114	0.257825	0.724507	-1.38025	2.55304	3.01178	1.04861	1
cg05929469	ULK3	0.100746	0.023273	1.326	1.326	0.79711	0.97355	-1.02717	0.838358	0.978971	-1.02148	0.887766	0.985414	-1.0148	0.952192	1.00626	1.00626	0.0980185	1.20786	1.20786	0.0273491	0.762133	-1.31211	0.565429	0.941333	-1.06232	0.210397	1.1472	1.1472	2.55304	0.43776	0.152415	1
cg22509179	RUNX3;RUNX3	0.100749	0.160933	0.566435	-1.76543	0.894424	1.05169	1.05169	0.654685	0.842923	-1.18635	0.0320297	2.5947	2.5947	0.07718	2.10821	2.10821	0.0896639	0.491549	-2.03439	0.299719	1.50371	1.50371	0.287128	0.657354	-1.52125	0.311304	1.48826	1.48826	2.553	5.82558	2.02832	1
cg13845133	PBX1	0.100752	0.95581	1.02473	1.02473	0.190352	0.542549	-1.84315	0.0135642	0.260052	-3.84538	0.952971	0.974331	-1.02635	0.0966117	0.447417	-2.23505	0.825897	1.10201	1.10201	0.041214	0.354025	-2.82466	0.191601	1.83961	1.83961	0.934286	1.03703	1.03703	2.55297	7.86052	2.73686	1
cg15805568	SHANK1	0.100753	0.681578	0.926159	-1.07973	0.277355	1.23375	1.23375	0.0225159	1.66211	1.66211	0.807406	0.955604	-1.04646	0.630437	0.913809	-1.09432	0.830531	1.04066	1.04066	0.18847	0.771755	-1.29575	0.0275861	0.616067	-1.6232	0.250153	1.25038	1.25038	2.55296	1.39784	0.4867	1
cg24347098	SLC16A1;SLC16A1	0.100754	0.0543999	0.421374	-2.37319	0.12387	0.51694	-1.93446	0.188678	0.57612	-1.73575	0.845855	0.925829	-1.08011	0.0058862	0.240041	-4.16596	0.182002	0.570696	-1.75224	0.204671	0.588647	-1.69881	0.561955	1.26134	1.26134	0.812995	0.910435	-1.09838	2.55295	6.33893	2.2071	1
cg07716032	DLG4;ACADVL;ACADVL;DLG4	0.100756	0.107868	0.634885	-1.57509	0.160033	0.677933	-1.47507	0.385824	1.25887	1.25887	0.121069	1.54543	1.54543	0.65563	1.12325	1.12325	0.100084	0.627147	-1.59452	0.0654649	0.585438	-1.70812	0.0605586	0.578137	-1.72969	0.690266	1.10929	1.10929	2.55293	2.71116	0.943982	1
cg09869015	DECR2	0.100757	0.101516	0.710318	-1.40782	0.048821	1.53608	1.53608	0.594929	0.902684	-1.10781	0.432411	1.16515	1.16515	0.560061	0.893666	-1.11899	0.150752	0.745423	-1.34152	0.308031	1.22299	1.22299	0.290429	0.811137	-1.23284	0.0350466	0.625919	-1.59765	2.55291	1.47165	0.512408	1
cg01345827	TPK1;TPK1	0.100757	0.00904413	3.40889	3.40889	0.639086	1.19076	1.19076	0.621261	0.831871	-1.20211	0.146946	1.77774	1.77774	0.0711223	2.10673	2.10673	0.0542854	2.24174	2.24174	0.878909	0.945207	-1.05797	0.473654	0.763865	-1.30913	0.81763	1.08913	1.08913	2.55291	5.52384	1.92333	1
cg14697743	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.100758	0.0286107	0.736142	-1.35843	0.680174	1.0504	1.0504	0.778154	1.03407	1.03407	0.224929	0.859678	-1.16323	0.415867	0.906065	-1.10367	0.463183	0.91523	-1.09262	0.0123604	0.691108	-1.44695	0.0678457	0.784567	-1.27459	0.0931474	0.803238	-1.24496	2.5529	0.568934	0.198096	1
cg10165198	PCCB	0.100758	0.69848	1.06753	1.06753	0.00756863	1.78029	1.78029	0.583228	1.09749	1.09749	0.303975	1.1957	1.1957	0.469535	0.883796	-1.13148	0.143494	1.302	1.302	0.107849	0.744858	-1.34254	0.455522	0.880204	-1.1361	0.504723	1.12035	1.12035	2.5529	1.13958	0.396788	1
cg05634649	TADA2B	0.100759	0.687408	1.08172	1.08172	0.462401	1.15635	1.15635	0.0789212	0.684638	-1.46063	0.116566	1.39255	1.39255	0.0621566	0.66513	-1.50347	0.658526	0.917255	-1.09021	0.678921	1.08419	1.08419	0.197597	0.767609	-1.30275	0.0270071	0.601405	-1.66277	2.5529	1.52471	0.530885	1
cg03304981	CREB3L2	0.100759	0.993351	1.00205	1.00205	0.0254173	0.520256	-1.92213	0.253135	1.34122	1.34122	0.0377269	0.552774	-1.80906	0.625951	1.12843	1.12843	0.274058	0.755817	-1.32307	0.575281	0.870017	-1.1494	0.0852508	1.59682	1.59682	0.742767	1.08438	1.08438	2.55289	2.44631	0.85178	1
cg07072878	NAF1	0.10076	0.487871	1.28879	1.28879	0.608521	1.20438	1.20438	0.13907	0.563745	-1.77385	0.411677	1.3528	1.3528	0.236123	0.639604	-1.56347	0.0675464	2.09025	2.09025	0.0776344	2.02592	2.02592	0.0346165	2.42745	2.42745	0.123214	1.82415	1.82415	2.55288	5.23949	1.82435	1
cg08272151	SYNPO	0.100762	0.469499	1.08011	1.08011	0.0656836	1.2415	1.2415	0.00338029	1.51804	1.51804	0.566658	0.941146	-1.06253	0.710752	1.03978	1.03978	0.567468	1.0624	1.0624	0.265415	1.12924	1.12924	0.747704	0.966764	-1.03438	0.978534	0.997186	-1.00282	2.55286	0.443465	0.154412	1
cg18944010	TBX15	0.100762	0.683751	0.745867	-1.34072	0.0247981	6.77282	6.77282	0.496367	1.63959	1.63959	0.337839	2.02865	2.02865	0.965583	1.03137	1.03137	0.648699	0.720099	-1.3887	0.801907	1.19718	1.19718	0.00519051	14.029	14.029	0.497283	1.63782	1.63782	2.55286	20.7229	7.21559	1
cg20941554	C1orf213;C1orf213;ZNF436;ZNF436	0.100763	0.0914479	1.44639	1.44639	0.0346593	1.63075	1.63075	0.0350536	1.62847	1.62847	0.139612	1.37117	1.37117	0.318051	0.814703	-1.22744	0.163302	0.744194	-1.34374	0.734562	1.06991	1.06991	0.336277	1.21759	1.21759	0.703157	1.07899	1.07899	2.55285	1.59424	0.555105	1
cg10308193	C1orf144;C1orf144	0.100766	0.989585	0.996888	-1.00312	0.0381965	0.563442	-1.7748	0.0290317	0.540903	-1.84876	0.228499	1.35232	1.35232	0.149919	0.691689	-1.44574	0.386423	1.23618	1.23618	0.198974	1.38283	1.38283	0.960602	0.988273	-1.01187	0.25208	0.751477	-1.33071	2.55282	2.30571	0.802848	1
cg24778538	GRIN2B	0.100767	0.363412	1.51052	1.51052	0.246575	1.70753	1.70753	0.45712	0.715777	-1.39708	0.142009	2.00791	2.00791	0.104543	0.45682	-2.18904	0.190777	0.542413	-1.84362	0.0350851	0.338194	-2.95688	0.116403	2.12413	2.12413	0.751578	0.869154	-1.15054	2.5528	7.88335	2.74499	1
cg25903122	C19orf42	0.10077	0.903401	1.08997	1.08997	0.0150453	8.33317	8.33317	0.0114472	9.44116	9.44116	0.473232	1.67796	1.67796	0.192188	2.66299	2.66299	0.218537	2.50488	2.50488	0.0705103	4.19619	4.19619	0.123856	3.26227	3.26227	0.457089	1.71144	1.71144	2.55278	20.3532	7.08709	1
cg26013260	ABHD12;ABHD12	0.100775	0.865787	1.03701	1.03701	0.021111	0.551123	-1.81448	0.464744	1.17333	1.17333	0.406179	0.83313	-1.20029	0.366602	0.819328	-1.22051	0.0663018	1.55659	1.55659	0.0466543	1.63137	1.63137	0.819333	1.05038	1.05038	0.74664	0.932727	-1.07212	2.55271	1.86605	0.649785	1
cg13080904	LOC154761	0.100776	0.584334	0.904354	-1.10576	0.544027	0.894264	-1.11824	0.0435487	0.65551	-1.52553	0.0834569	0.705624	-1.41719	0.199008	1.28015	1.28015	0.830681	0.961782	-1.03974	0.0215974	0.605287	-1.65211	0.665947	0.924002	-1.08225	0.18084	1.29506	1.29506	2.55271	1.33885	0.466206	1
cg00673189	GCSH;LOC100329108;GCSH	0.100776	0.35499	1.16706	1.16706	0.00957679	1.70336	1.70336	0.694306	0.937883	-1.06623	0.530261	0.901926	-1.10874	0.958669	0.991621	-1.00845	0.351805	0.855926	-1.16832	0.266558	0.828663	-1.20676	0.115256	1.32051	1.32051	0.105015	1.33323	1.33323	2.5527	1.0657	0.371093	1
cg00489394	HRASLS5;HRASLS5;HRASLS5	0.100777	0.188299	0.542082	-1.84474	0.840528	1.09253	1.09253	0.0301126	0.326184	-3.06576	0.415046	1.44188	1.44188	0.579631	1.27861	1.27861	0.552079	1.30245	1.30245	0.196504	0.548889	-1.82186	0.0184278	0.284818	-3.51101	0.124466	0.481598	-2.07642	2.5527	7.80053	2.71627	1
cg21551704	RNU5E;RNU5D;CKMT2;CKMT2;CKMT2	0.100778	0.345549	1.29334	1.29334	0.641822	0.883345	-1.13206	0.918667	0.973317	-1.02741	0.715493	0.907621	-1.10178	0.217713	0.709383	-1.40968	0.993327	0.997788	-1.00222	0.00294533	2.94802	2.94802	0.758846	0.9217	-1.08495	0.957408	0.985958	-1.01424	2.55268	2.83456	0.987045	1
cg26819590	TSC2;TSC2;TSC2	0.100779	0.696631	1.22942	1.22942	0.0863933	2.71453	2.71453	0.0226365	4.21544	4.21544	0.684229	1.24054	1.24054	0.126951	0.41887	-2.38738	0.0704867	0.344496	-2.90279	0.326334	0.586133	-1.7061	0.736058	0.836653	-1.19524	0.737432	0.837466	-1.19408	2.55268	11.2349	3.9122	1
cg22927302	SEMA3B;SEMA3B	0.10078	0.39625	1.59765	1.59765	0.218093	2.01118	2.01118	0.90604	1.06575	1.06575	0.349152	1.6817	1.6817	0.485032	1.46618	1.46618	0.128553	2.42528	2.42528	0.00822267	6.19216	6.19216	0.0204768	4.50887	4.50887	0.0661032	3.03995	3.03995	2.55267	11.7595	4.09487	1
cg14633783	GFRA2;GFRA2;GFRA2;GFRA2;GFRA2;GFRA2	0.100782	0.00426615	0.0306302	-32.6475	0.88602	1.13969	1.13969	0.964389	0.960116	-1.04154	0.841479	1.20028	1.20028	0.750422	1.33766	1.33766	0.776527	1.2962	1.2962	0.16955	3.79623	3.79623	0.225267	3.19334	3.19334	0.376299	2.28809	2.28809	2.55264	33.5999	11.7003	1
cg06934613	AFG3L2	0.100785	0.21511	0.631723	-1.58297	0.150038	0.580916	-1.72142	0.946343	0.976588	-1.02397	0.30047	0.68546	-1.45887	0.457269	0.766086	-1.30534	0.91385	1.03883	1.03883	0.633639	1.18413	1.18413	0.00291327	0.236945	-4.2204	0.738438	1.1252	1.1252	2.55261	5.00891	1.74424	1
cg12840847	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.100785	0.18103	1.48999	1.48999	0.0441038	1.91454	1.91454	0.294622	1.35692	1.35692	0.194431	1.47028	1.47028	0.157983	1.52786	1.52786	0.11455	1.6192	1.6192	0.0120882	2.40753	2.40753	0.0284934	2.06649	2.06649	0.102	1.65298	1.65298	2.55261	3.18759	1.11001	1
cg12926839	CHPF2	0.100789	0.650571	1.11328	1.11328	0.0246273	0.532694	-1.87725	0.517677	0.856973	-1.1669	0.519599	1.16605	1.16605	0.556531	0.869401	-1.15022	0.393632	1.2283	1.2283	0.0137267	2.0484	2.0484	0.33788	1.26175	1.26175	0.873049	0.963068	-1.03835	2.55256	2.23881	0.779629	1
cg13797779	C14orf177	0.100789	0.965316	0.99055	-1.00954	0.0885486	0.663461	-1.50725	0.104531	1.47323	1.47323	0.0930617	0.668002	-1.497	0.127724	1.43278	1.43278	0.270022	1.28506	1.28506	0.0427188	1.6643	1.6643	0.636443	1.10957	1.10957	0.665798	0.909471	-1.09954	2.55256	1.92771	0.671295	1
cg02434007	SRA1;SRA1	0.10079	0.0641132	0.439262	-2.27655	0.0995338	0.489773	-2.04176	0.372245	1.43651	1.43651	0.646871	1.20007	1.20007	0.0684804	0.446446	-2.23991	?	?	?	0.0598141	0.431828	-2.31574	0.238658	1.62902	1.62902	0.312142	0.661383	-1.51198	2.58044	5.6795	2.20098	1
cg25848875	TSSC1	0.100797	0.863985	1.02088	1.02088	0.191864	0.846617	-1.18117	?	?	?	0.299152	1.13848	1.13848	0.388377	0.898935	-1.11243	0.0838382	1.25933	1.25933	0.0141543	1.44032	1.44032	0.821472	0.973128	-1.02761	0.156499	1.20042	1.20042	2.58036	0.527651	0.204487	1
cg16520712	DLGAP2	0.100798	0.0920393	0.627662	-1.59321	0.154161	0.681746	-1.46682	0.0922466	0.627885	-1.59265	0.110194	0.645837	-1.54838	0.716185	1.09603	1.09603	0.260424	0.74469	-1.34284	0.067059	1.67444	1.67444	0.0472304	0.565419	-1.7686	0.853212	0.954551	-1.04761	2.55247	2.54958	0.887883	1
cg15256164	CDCA7;CDCA7	0.100798	?	?	?	0.938596	1.05102	1.05102	?	?	?	?	?	?	?	?	?	?	?	?	0.109565	3.30088	3.30088	0.0661529	0.237059	-4.21836	?	?	?	3.60165	7.27714	3.3675	1
cg02285812	RND3	0.100798	0.990745	1.00256	1.00256	0.983596	0.995481	-1.00454	0.19091	1.35671	1.35671	0.783325	1.0626	1.0626	0.907689	1.02588	1.02588	0.125792	1.44039	1.44039	0.0247683	0.555023	-1.80173	0.0295963	0.56882	-1.75802	0.245588	0.765275	-1.30672	2.55246	1.96156	0.683108	1
cg19188306	LAYN	0.100798	0.288496	0.668442	-1.49602	0.00670348	0.27652	-3.61637	0.273714	0.659432	-1.51646	0.38914	1.38074	1.38074	0.0955833	0.512084	-1.9528	0.51684	0.786426	-1.27157	0.216286	0.621478	-1.60907	0.260351	1.53598	1.53598	0.373555	0.716115	-1.39642	2.55246	5.40206	1.88126	1
cg13840308	FAM107B	0.100799	0.770102	1.05275	1.05275	0.0433507	1.5032	1.5032	0.782043	0.952517	-1.04985	0.114697	1.35109	1.35109	0.577532	0.906015	-1.10373	0.715644	1.06628	1.06628	0.0142748	0.588559	-1.69906	0.661662	0.925665	-1.0803	0.297444	0.827396	-1.20861	2.55245	1.24382	0.433159	1
cg15612436	MPPED1	0.100801	0.336485	0.685105	-1.45963	0.281197	1.5333	1.5333	0.986311	1.00657	1.00657	0.45047	1.34103	1.34103	0.314375	0.672303	-1.48743	0.319977	1.48019	1.48019	0.00462161	0.237374	-4.21275	0.907158	0.956455	-1.04553	0.476563	1.31814	1.31814	2.55243	5.8871	2.05019	1
cg13476105	LOC284023	0.100805	0.168857	1.14609	1.14609	0.746454	1.03063	1.03063	0.385504	1.08627	1.08627	0.631001	1.04604	1.04604	0.0637168	1.21394	1.21394	0.363804	1.09068	1.09068	0.0107269	0.742129	-1.34748	0.733662	0.968733	-1.03228	0.269252	1.11295	1.11295	2.55239	0.34971	0.121789	1
cg26522684	DKFZp434L192	0.10081	0.0554418	0.248124	-4.03024	0.0295514	0.193002	-5.18129	0.128416	0.348147	-2.87235	0.280028	0.486266	-2.05649	0.0948188	0.307672	-3.25021	0.416902	0.587029	-1.70349	0.100287	0.314734	-3.17729	0.0146233	0.145103	-6.89165	0.082379	0.290718	-3.43976	2.55234	16.6635	5.80331	1
cg21211271	RNF207	0.100814	0.907841	0.904917	-1.10507	0.127489	4.14483	4.14483	0.135538	4.00667	4.00667	0.0638567	6.03274	6.03274	0.117903	0.231094	-4.32725	0.620135	1.53893	1.53893	0.407597	0.481501	-2.07684	0.573977	0.612565	-1.63248	0.024777	10.0316	10.0316	2.55229	30.0893	10.4792	1
cg02980604	RASL10B	0.100815	0.950587	0.983616	-1.01666	0.00565416	2.63245	2.63245	0.800812	0.934831	-1.06971	0.9977	1.00077	1.00077	0.315502	0.758315	-1.31871	0.767912	0.924145	-1.08208	0.415659	1.24829	1.24829	0.0709009	0.583971	-1.71241	0.560094	1.17008	1.17008	2.55228	2.87233	1.00035	1
cg27615578	LRRC8E	0.100816	0.0675982	6.50098	6.50098	0.055293	7.28771	7.28771	0.168203	3.82877	3.82877	0.490932	1.8958	1.8958	0.504558	1.85722	1.85722	0.157499	3.98224	3.98224	0.0116649	17.843	17.843	0.07048	6.3482	6.3482	0.0421086	8.5065	8.5065	2.55227	33.7841	11.7661	1
cg06812991	NPY2R	0.10082	0.875382	1.02508	1.02508	0.877268	1.02469	1.02469	0.824326	1.03571	1.03571	0.835307	1.0334	1.0334	0.853651	0.971278	-1.02957	0.454154	1.12787	1.12787	0.255996	0.829332	-1.20579	0.00230088	1.95882	1.95882	0.45129	1.12877	1.12877	2.55223	1.0068	0.350647	1
cg03954573	FAM50B	0.10082	0.111487	2.44257	2.44257	0.046018	3.24777	3.24777	0.147988	2.2245	2.2245	0.139918	2.26643	2.26643	0.842057	1.10825	1.10825	0.0257092	3.91511	3.91511	0.024343	3.98481	3.98481	0.0781953	2.74027	2.74027	0.104153	2.49742	2.49742	2.55223	10.7276	3.73622	1
cg21029468	NR1D2;NR1D2	0.100821	0.651553	1.05684	1.05684	0.908729	0.986151	-1.01404	0.366406	1.11946	1.11946	0.558087	1.07469	1.07469	0.0020546	1.6957	1.6957	0.528955	0.925365	-1.08065	0.746726	0.96136	-1.04019	0.853251	1.02277	1.02277	0.381314	1.11538	1.11538	2.55222	0.597766	0.208191	1
cg14565714	GPR107;GPR107;GPR107	0.100821	0.940741	1.01702	1.01702	0.114347	0.677162	-1.47675	0.781108	0.938726	-1.06527	0.39887	0.821966	-1.2166	0.0538136	0.608363	-1.64375	0.46748	0.845504	-1.18273	0.034483	0.571349	-1.75024	0.153271	1.41499	1.41499	0.0291756	0.557989	-1.79215	2.55221	2.08274	0.72538	1
cg25000696	PTPRN2;PTPRN2;PTPRN2	0.100823	0.348165	0.757535	-1.32007	0.0281146	0.474468	-2.10762	0.120671	0.616381	-1.62237	0.250554	0.7081	-1.41223	0.00518671	0.346203	-2.88848	0.326015	0.747113	-1.33849	0.149542	0.641314	-1.5593	0.883286	0.958648	-1.04314	0.705027	0.896431	-1.11553	2.55219	3.34082	1.16356	1
cg25767504	VILL	0.100824	0.322418	0.533222	-1.87539	0.507614	0.661316	-1.51214	0.780096	1.1879	1.1879	0.381949	0.576008	-1.73609	0.494244	0.652436	-1.53272	0.978693	0.983705	-1.01656	0.533566	0.678476	-1.47389	0.516289	0.667062	-1.49911	0.00347293	11.4765	11.4765	2.55218	15.2977	5.32798	1
cg26522057	B3GNT9	0.100826	0.0231676	0.651992	-1.53376	0.268586	0.833974	-1.19908	0.446847	0.885007	-1.12994	0.979701	1.00402	1.00402	0.18717	0.8023	-1.24642	0.269883	0.834418	-1.19844	0.00616785	0.569579	-1.75568	0.101143	0.753636	-1.3269	0.305199	0.845955	-1.1821	2.55216	1.00343	0.349485	1
cg00012123	TPPP	0.100826	0.245031	0.613965	-1.62876	0.0104454	0.274382	-3.64455	0.795434	1.10985	1.10985	0.201378	0.582012	-1.71818	0.947617	0.973986	-1.02671	0.126276	0.515007	-1.94172	0.193902	1.73569	1.73569	0.232222	1.65301	1.65301	0.271887	0.632032	-1.5822	2.55216	6.50482	2.26556	1
cg13706613	INPP5E	0.10083	0.57498	0.909886	-1.09904	0.359336	1.17011	1.17011	0.549526	0.903989	-1.10621	0.277598	0.828439	-1.20709	0.99829	0.999643	-1.00036	0.746357	1.05559	1.05559	0.0091356	1.73667	1.73667	0.0991853	0.73986	-1.35161	0.156888	0.776951	-1.28708	2.55211	1.12309	0.391168	1
cg27223183	FAM82B;FAM82B	0.100831	0.38856	1.32013	1.32013	0.974305	0.989928	-1.01017	0.887756	0.956585	-1.04539	0.444897	1.27732	1.27732	0.761406	0.908725	-1.10044	0.215683	1.50613	1.50613	0.00376313	0.292564	-3.41806	0.441864	0.781559	-1.27949	0.510989	1.23311	1.23311	2.5521	3.99259	1.39061	1
cg01822460	CDH4	0.100832	0.232388	1.24008	1.24008	0.327094	1.18985	1.18985	0.0213934	1.60809	1.60809	0.783582	1.04844	1.04844	0.492728	1.12716	1.12716	0.325196	1.19071	1.19071	0.0186707	1.63203	1.63203	0.992967	1.00152	1.00152	0.105986	0.738335	-1.3544	2.55209	1.19321	0.415594	1
cg01388301	RASIP1	0.100833	0.419252	0.913415	-1.09479	0.314563	0.892146	-1.12089	0.340441	0.897801	-1.11383	0.923812	0.989558	-1.01055	0.00358434	0.648648	-1.54167	0.87946	0.983485	-1.01679	0.0567458	0.789274	-1.26699	0.0955752	0.817984	-1.22252	0.264516	0.88019	-1.13612	2.55208	0.486726	0.169526	1
cg21746050	PRPS1L1	0.100836	0.036659	1.63421	1.63421	0.137811	0.72377	-1.38165	0.18501	0.752481	-1.32894	0.447187	0.854937	-1.16968	0.646311	1.09798	1.09798	0.60136	1.11253	1.11253	0.0200688	1.76384	1.76384	0.68896	0.921828	-1.0848	0.816245	0.954001	-1.04822	2.55205	1.65416	0.576151	1
cg07653946	GREB1L	0.100837	0.1028	0.653848	-1.52941	0.0812711	0.631254	-1.58415	0.109585	0.660176	-1.51475	0.298346	0.77367	-1.29254	0.0414955	0.571439	-1.74997	0.0866677	0.637335	-1.56903	0.019038	0.508805	-1.96539	0.0586483	0.601427	-1.66271	0.85173	1.04555	1.04555	2.55204	2.29027	0.797713	1
cg11111139	PTPRN2;PTPRN2;PTPRN2	0.100838	0.00694391	0.303903	-3.29052	0.905767	0.960423	-1.04121	0.259322	1.49371	1.49371	0.355497	0.723181	-1.38278	0.211645	0.63847	-1.56625	0.0410504	0.447584	-2.23422	0.18702	0.620709	-1.61106	0.686286	0.870701	-1.1485	0.386413	0.738778	-1.35359	2.55203	4.69954	1.63688	1
cg14714364	TH;TH;TH	0.100839	0.606719	0.797421	-1.25404	0.960546	0.978664	-1.0218	0.0994097	0.45503	-2.19766	0.749686	1.14976	1.14976	0.0491729	0.375712	-2.66161	0.640377	0.814544	-1.22768	0.00725176	0.220866	-4.52763	0.367741	0.668069	-1.49685	0.0530916	0.383592	-2.60693	2.55201	7.68221	2.67578	1
cg25598890	TESC;TESC;TESC	0.10084	0.983345	0.993867	-1.00617	0.185044	1.5132	1.5132	0.0675195	0.54682	-1.82875	0.112063	0.600559	-1.66512	0.681899	0.885637	-1.12913	0.0272805	2.15932	2.15932	0.138224	1.60057	1.60057	0.920954	1.02968	1.02968	0.404976	0.777947	-1.28543	2.552	3.51009	1.2226	1
cg07622521	ATOH8	0.100843	0.135828	0.300632	-3.32632	0.0111556	0.0926891	-10.7888	0.110789	0.272754	-3.66631	0.461653	0.571016	-1.75126	0.0619352	0.207675	-4.81521	0.306316	0.452964	-2.20768	0.0186076	0.118447	-8.44258	0.267642	0.42171	-2.3713	0.161188	0.326635	-3.06152	2.55197	22.5974	7.87101	1
cg22055427	P2RY1	0.100846	0.321536	1.12322	1.12322	0.775407	1.03299	1.03299	0.272213	1.13845	1.13845	0.0436659	1.301	1.301	0.403713	0.907605	-1.1018	0.634708	1.05581	1.05581	0.146278	0.837828	-1.19356	0.032904	1.32724	1.32724	0.0463752	1.29549	1.29549	2.55194	0.520291	0.181227	1
cg26663810	GPR133	0.100846	0.0554829	0.481881	-2.0752	0.0553803	0.481695	-2.076	0.0306251	0.425567	-2.34981	0.163478	0.606387	-1.64911	0.241767	0.66224	-1.51003	0.124433	0.571463	-1.74989	0.162996	0.605994	-1.65018	0.0126695	0.352654	-2.83564	0.419798	0.757857	-1.31951	2.55194	4.57277	1.59278	1
cg19781814	SPEF2	0.100847	0.101616	0.36818	-2.71606	0.114889	0.384501	-2.60078	0.0311814	0.244199	-4.09502	0.207361	0.47651	-2.09859	0.379158	0.604713	-1.65368	0.301175	0.550329	-1.8171	0.0421587	0.271138	-3.68816	0.0957933	2.77301	2.77301	0.675114	0.79056	-1.26493	2.55193	12.5623	4.37571	1
cg00869582	SNX29	0.100847	0.0604421	0.341967	-2.92426	0.897077	1.06779	1.06779	0.127735	0.434044	-2.30391	0.0212708	0.245837	-4.06774	0.44706	0.675195	-1.48105	0.917204	1.05411	1.05411	0.0356067	0.289483	-3.45443	0.0337658	0.284675	-3.51278	0.235787	0.532762	-1.87701	2.55193	10.3813	3.61603	1
cg23321702	GRM4	0.100847	0.331365	0.422371	-2.36759	0.064995	5.94114	5.94114	0.405268	2.07978	2.07978	0.963446	1.0402	1.0402	0.199646	0.311837	-3.20681	0.959032	1.04516	1.04516	0.0245867	0.100018	-9.99824	0.042169	0.133583	-7.48597	0.683444	0.702883	-1.42271	2.55192	29.8896	10.4112	1
cg07313078	SHROOM2	0.100849	0.337144	1.84002	1.84002	0.806695	0.859791	-1.16307	0.750737	1.21699	1.21699	0.297873	0.514291	-1.94442	0.20042	0.43458	-2.30107	0.0991633	3.04613	3.04613	0.0190895	5.74342	5.74342	0.0699817	3.48491	3.48491	0.141847	2.64649	2.64649	2.55191	15.3463	5.34548	1
cg18672030	RELL1;RELL1	0.100849	0.110282	0.440029	-2.27257	0.077661	2.52182	2.52182	0.239531	1.7877	1.7877	0.18596	0.516103	-1.9376	0.376455	0.651744	-1.53434	0.977303	1.01351	1.01351	0.201809	0.529548	-1.8884	0.0918484	2.39979	2.39979	0.101114	0.428775	-2.33223	2.5519	8.99177	3.13205	1
cg23236270	OPCML	0.10085	0.584445	0.82797	-1.20777	0.284202	1.46268	1.46268	0.739909	0.892368	-1.12061	0.114859	1.79691	1.79691	0.132511	0.574161	-1.74167	0.307252	0.696788	-1.43516	0.0124363	0.345332	-2.89576	0.575848	0.824317	-1.21313	0.10133	0.541609	-1.84635	2.5519	4.72206	1.64481	1
cg18902090	PCDHA7;PCDHA12;PCDHA6;PCDHAC1;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA2;PCDHA1	0.100852	0.369575	0.87635	-1.1411	0.491457	1.10527	1.10527	0.00309197	1.78586	1.78586	0.733823	1.0501	1.0501	0.61729	1.07483	1.07483	0.439636	0.893244	-1.11951	0.342311	0.869235	-1.15044	0.936014	0.988565	-1.01157	0.533744	1.09448	1.09448	2.55187	0.829191	0.288831	1
cg16752940	LSAMP	0.100854	0.024649	0.113431	-8.81597	0.0219188	0.106821	-9.36145	0.0956268	0.225591	-4.4328	0.747667	0.769072	-1.30027	0.107894	0.240023	-4.16626	0.480485	0.558009	-1.79209	0.0268353	0.118453	-8.44214	0.979019	0.978836	-1.02162	0.226228	0.355711	-2.81127	2.55185	26.7424	9.31523	1
cg03432641	SPATS2	0.100855	0.442868	0.867223	-1.15311	0.405939	0.856578	-1.16744	0.367529	0.844897	-1.18358	0.0230348	0.609604	-1.64041	0.0337269	0.636663	-1.57069	0.284101	0.816595	-1.2246	0.889902	0.975096	-1.02554	0.723692	1.06677	1.06677	0.0567787	1.4808	1.4808	2.55185	1.33989	0.466726	1
cg18145414	PRDM16;PRDM16	0.100855	0.367581	0.728466	-1.37275	0.0184923	0.376083	-2.65899	0.441222	0.764278	-1.30842	0.0622116	2.05155	2.05155	0.123068	0.56448	-1.77154	0.544243	1.2338	1.2338	0.147148	1.70321	1.70321	0.76735	0.903434	-1.10689	0.924854	0.968222	-1.03282	2.55184	4.73554	1.64954	1
cg05286724	GAGE10	0.100859	0.0548118	0.318197	-3.14271	0.24302	0.526078	-1.90086	0.683866	0.80635	-1.24016	0.540708	0.722095	-1.38486	0.0443761	0.296997	-3.36704	0.240014	1.90943	1.90943	0.0224784	0.237585	-4.20902	0.0692505	0.343481	-2.91137	0.234662	0.519478	-1.92501	2.5518	11.1711	3.89133	1
cg19688118	CCDC112;CCDC112	0.10086	0.527019	0.922025	-1.08457	0.994922	1.00081	1.00081	0.524922	1.08503	1.08503	0.127432	1.23218	1.23218	0.246562	1.16589	1.16589	0.0233445	1.40952	1.40952	0.189717	0.838665	-1.19237	0.282042	1.15212	1.15212	0.0224507	1.41391	1.41391	2.55179	0.648405	0.225865	1
cg19730147	C8orf76	0.100862	0.718686	0.96633	-1.03484	0.0444146	0.803652	-1.24432	0.467287	0.932362	-1.07254	0.674422	0.960785	-1.04082	0.414555	1.08217	1.08217	0.945177	0.99351	-1.00653	0.0598759	1.22265	1.22265	0.500378	1.06691	1.06691	0.0197967	1.30529	1.30529	2.55177	0.362318	0.126211	1
cg13772742	NR2F2;NR2F2;NR2F2;NR2F2	0.100863	0.145675	0.374775	-2.66827	0.0548983	0.254695	-3.92627	0.0686682	0.277969	-3.59752	0.0367436	0.217756	-4.5923	0.0604476	0.264452	-3.78141	0.0851681	0.302485	-3.30595	0.234913	0.457425	-2.18615	0.0236053	0.183036	-5.46341	0.887955	0.915244	-1.09261	2.55176	15.9507	5.55634	1
cg09964670	TMEM146;LONP1	0.100863	0.0223891	0.660248	-1.51458	0.985372	1.00279	1.00279	0.272236	0.840808	-1.18933	0.802756	0.96274	-1.0387	0.826559	0.967253	-1.03386	0.0533537	0.716776	-1.39514	0.0108554	0.615505	-1.62468	0.833064	1.03254	1.03254	0.173897	0.802929	-1.24544	2.55175	0.930316	0.32407	1
cg11103147	LANCL2	0.100863	0.56194	0.923221	-1.08316	0.834061	0.971825	-1.02899	0.786431	0.963677	-1.03769	0.717161	1.05081	1.05081	0.269924	0.855126	-1.16942	0.850691	0.974655	-1.026	0.00519682	1.6528	1.6528	0.0923605	0.776965	-1.28706	0.496141	0.910155	-1.09871	2.55175	0.750072	0.261284	1
cg19325477	PRKCA	0.100869	0.0509486	0.155864	-6.41585	0.30574	2.42678	2.42678	0.871201	1.14528	1.14528	0.447959	0.523858	-1.90892	0.0567466	0.164835	-6.06667	0.607486	1.5421	1.5421	0.100005	0.221631	-4.51201	0.0421102	0.141186	-7.08287	0.0674231	0.180293	-5.54653	2.55169	28.2449	9.83921	1
cg24655427	CXorf38	0.100875	0.903235	0.966761	-1.03438	0.596647	0.862049	-1.16003	0.0214483	2.15543	2.15543	0.222362	1.42821	1.42821	0.200779	0.686909	-1.4558	0.30153	0.742671	-1.34649	0.40601	1.26652	1.26652	0.656074	1.13267	1.13267	0.0235514	2.12045	2.12045	2.55162	3.12166	1.08747	1
cg04670005	TGFA;TGFA;TGFA;TGFA	0.100876	0.27854	0.511199	-1.95618	0.519808	0.678034	-1.47485	0.80619	1.15765	1.15765	0.943064	0.958356	-1.04345	0.745234	1.2143	1.2143	0.692068	0.788942	-1.26752	0.0019596	0.0737699	-13.5557	0.925849	0.946072	-1.057	0.746791	1.21279	1.21279	2.55162	14.3322	4.9928	1
cg14826417	CLDN4	0.100876	0.855918	1.05463	1.05463	0.0316367	0.478399	-2.09031	0.0544362	0.528037	-1.89381	0.20076	1.48502	1.48502	0.469965	1.23998	1.23998	0.0518522	1.91062	1.91062	0.377187	1.30365	1.30365	0.882741	0.957731	-1.04413	0.683005	0.88679	-1.12766	2.55161	3.46044	1.20549	1
cg11179629	MMGT1	0.10088	0.0486519	0.368006	-2.71735	0.752424	0.868948	-1.15082	0.507874	0.742161	-1.34742	0.654515	1.22133	1.22133	0.0190301	0.283621	-3.52583	0.0859297	0.430685	-2.32188	0.852935	1.08586	1.08586	0.113181	2.14952	2.14952	0.567586	1.29235	1.29235	2.55157	7.96254	2.77391	1
cg18083597	SLC16A3;SLC16A3;SLC16A3	0.100881	0.630314	0.84791	-1.17937	0.417881	0.754546	-1.3253	0.107251	0.549845	-1.81869	0.208985	1.56918	1.56918	0.144127	0.586358	-1.70544	0.0255842	2.46544	2.46544	0.234598	1.52786	1.52786	0.143087	1.70816	1.70816	0.44671	1.30194	1.30194	2.55155	4.67725	1.62942	1
cg01289020	FTSJD1;FTSJD1	0.100886	0.871226	1.04049	1.04049	0.0246218	1.92482	1.92482	0.0399795	1.78751	1.78751	0.148327	0.684302	-1.46134	0.980876	0.994153	-1.00588	0.275119	0.757449	-1.32022	0.816717	0.944781	-1.05845	0.0906589	1.57787	1.57787	0.701542	0.910089	-1.09879	2.5515	2.41899	0.842723	1
cg05229355	ADCY8;ADCY8	0.100886	0.793156	0.962483	-1.03898	0.0194209	1.50863	1.50863	0.898732	0.981644	-1.0187	0.773746	0.958926	-1.04283	0.493137	1.10658	1.10658	0.483242	0.901513	-1.10925	0.736506	0.952047	-1.05037	0.037202	1.42184	1.42184	0.0266251	1.46567	1.46567	2.5515	0.855613	0.298077	1
cg22618164	WDR66	0.100892	0.810237	1.30786	1.30786	0.191518	4.67749	4.67749	0.360446	2.85469	2.85469	0.732653	0.682112	-1.46604	0.0144224	0.034588	-28.9117	0.105488	7.19375	7.19375	0.19014	4.70264	4.70264	0.419414	2.51044	2.51044	0.203035	0.223301	-4.47827	2.55144	50.3012	17.5243	1
cg25770176	PANK1	0.100893	0.246802	0.606816	-1.64795	0.0468264	2.55666	2.55666	0.0374484	2.70736	2.70736	0.999624	1.00019	1.00019	0.248935	0.608305	-1.64391	0.996208	0.998042	-1.00196	0.0451887	0.387585	-2.58008	0.833054	1.09097	1.09097	0.687142	0.846203	-1.18175	2.55142	6.87499	2.39517	1
cg17670191	ESPNP	0.100897	0.074795	3.10621	3.10621	0.264492	1.94297	1.94297	0.351367	0.578236	-1.7294	0.155708	2.38097	2.38097	0.607847	0.744083	-1.34394	0.684172	0.791703	-1.2631	0.833257	0.886564	-1.12795	0.625142	1.32474	1.32474	0.00637559	7.59524	7.59524	2.55138	13.1801	4.59189	1
cg19614157	ATAD2B	0.100897	0.0392763	0.794204	-1.25912	0.229896	0.885411	-1.12942	0.361149	0.9133	-1.09493	0.0192442	0.760657	-1.31465	0.248722	1.12354	1.12354	0.0815376	0.829847	-1.20504	0.348639	1.0977	1.0977	0.418706	0.923273	-1.0831	0.998683	1.00016	1.00016	2.55138	0.377152	0.131398	1
cg11988928	LCTL	0.100902	0.864218	1.07339	1.07339	0.00551311	0.221031	-4.52424	0.165689	0.542429	-1.84356	0.498092	1.32921	1.32921	0.859336	0.929233	-1.07616	0.571271	0.789201	-1.2671	0.101567	0.476318	-2.09944	0.290694	0.635281	-1.57411	0.288448	1.5777	1.5777	2.55133	6.91751	2.41008	1
cg09052401	C22orf15;C22orf15	0.100905	0.92747	0.981073	-1.01929	0.668534	1.09461	1.09461	0.64234	0.906502	-1.10314	0.468094	0.85646	-1.1676	0.0098119	0.504008	-1.98409	0.0604001	0.641174	-1.55964	0.22663	1.30531	1.30531	0.714114	0.925685	-1.08028	0.0555919	0.634274	-1.57661	2.5513	1.77988	0.620121	1
cg01970407	AHRR	0.100906	0.569077	1.12918	1.12918	0.024365	1.76193	1.76193	0.00661533	2.10483	2.10483	0.288948	1.26161	1.26161	0.590345	1.12157	1.12157	0.121071	1.42601	1.42601	0.855745	1.03916	1.03916	0.0775467	1.51314	1.51314	0.658426	1.09848	1.09848	2.55129	1.8008	0.627415	1
cg05860556	SMC3	0.100909	0.032318	0.274501	-3.64298	0.148889	0.450001	-2.22222	0.16037	0.46136	-2.1675	0.470732	0.684905	-1.46006	0.0448634	0.304957	-3.27915	0.275698	0.557162	-1.79481	0.0100746	0.18731	-5.33875	0.827556	1.11911	1.11911	0.202282	0.499371	-2.00252	2.55125	10.7504	3.74558	1
cg04712949	CALCR;CALCR	0.100911	0.228543	0.708495	-1.41144	0.785498	1.07723	1.07723	0.385055	0.784394	-1.27487	0.65876	0.885862	-1.12884	0.0949207	0.606265	-1.64944	0.501024	0.830075	-1.20471	0.169098	0.670654	-1.49108	0.0107889	2.39489	2.39489	0.232374	0.71069	-1.40708	2.55123	3.00454	1.04683	1
cg24962545	HEMK1;C3orf18	0.100913	0.0400941	5.44224	5.44224	0.181735	0.385354	-2.59502	0.257142	0.455454	-2.19561	0.0641544	4.28929	4.28929	?	?	?	0.122557	3.13212	3.13212	?	?	?	0.608345	0.714621	-1.39934	0.866202	0.896665	-1.11524	3.35068	15.8294	3.37444	1
cg26783464	ANKRD35	0.100914	0.014417	0.334103	-2.99309	0.335446	1.43491	1.43491	0.843329	1.07459	1.07459	0.244672	0.642463	-1.55651	0.614684	1.20265	1.20265	0.0245144	0.377567	-2.64854	0.106396	0.526772	-1.89835	0.910398	1.04178	1.04178	0.81303	0.917468	-1.08996	2.5512	5.3402	1.86063	1
cg19430577	STEAP4	0.100916	0.0401697	27.2283	27.2283	0.0233945	43.5824	43.5824	0.150785	8.5501	8.5501	0.215784	6.1443	6.1443	0.671664	1.81151	1.81151	0.791469	0.691222	-1.44671	0.0642652	18.1276	18.1276	0.0445425	24.8984	24.8984	0.0673542	17.4042	17.4042	2.55117	78.4716	27.3414	1
cg05421487	AKAP10	0.100919	0.571388	1.42001	1.42001	0.171187	2.443	2.443	0.0788651	3.30805	3.30805	0.236302	2.13994	2.13994	0.0565147	3.75696	3.75696	0.521777	1.48894	1.48894	0.0261027	0.198219	-5.04493	0.588602	1.39763	1.39763	0.410933	0.597217	-1.67443	2.55115	15.186	5.29122	1
cg27226320	KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.100919	0.760577	1.14368	1.14368	0.205124	1.79904	1.79904	0.0838303	0.43153	-2.31733	0.112038	0.467616	-2.13851	0.241449	0.583558	-1.71362	0.416874	1.43974	1.43974	0.0146658	0.267178	-3.74282	0.783258	1.12876	1.12876	0.188294	0.542067	-1.84479	2.55115	7.7963	2.71645	1
cg07844072	MUM1;MUM1	0.100922	0.154007	1.52475	1.52475	0.468096	1.22638	1.22638	0.884184	0.960512	-1.04111	0.0590476	1.80261	1.80261	0.233685	1.41215	1.41215	0.934835	0.97765	-1.02286	0.00370818	2.9558	2.9558	0.231902	1.4142	1.4142	0.392091	1.27425	1.27425	2.55111	3.08695	1.07559	1
cg03170262	PRICKLE2	0.100923	0.903068	1.0483	1.0483	0.581132	0.805949	-1.24077	0.199112	0.591393	-1.69092	0.932339	1.03342	1.03342	0.00670102	0.256289	-3.90185	0.839466	1.08169	1.08169	0.39413	1.40201	1.40201	0.377964	0.704543	-1.41936	0.0306073	0.374025	-2.67362	2.5511	6.05546	2.10993	1
cg12774391	USP47	0.100924	0.0480889	0.432701	-2.31106	0.909216	1.0432	1.0432	0.875126	0.943355	-1.06005	0.862868	0.937909	-1.0662	0.00796806	0.283305	-3.52976	0.995904	0.998098	-1.00191	0.245155	1.5695	1.5695	0.22203	1.60943	1.60943	0.778836	1.11004	1.11004	2.55108	5.55483	1.9355	1
cg16179952	SNTG2	0.100925	0.284792	2.04908	2.04908	0.0770041	3.55961	3.55961	0.252093	2.16516	2.16516	0.112119	3.05566	3.05566	0.582552	0.698767	-1.43109	0.551884	1.47496	1.47496	0.252071	0.461841	-2.16525	0.0081236	8.91766	8.91766	0.311562	1.96596	1.96596	2.55108	16.8446	5.86927	1
cg15171237	CASP3;CCDC111;CASP3	0.100926	0.349403	1.16799	1.16799	0.222388	0.813251	-1.22963	0.800386	0.95998	-1.04169	0.0541502	0.703057	-1.42236	0.902133	1.02003	1.02003	0.256513	0.826199	-1.21036	0.0513051	1.43007	1.43007	0.125533	0.765472	-1.30638	0.0596331	0.709881	-1.40869	2.55107	1.04994	0.365838	1
cg18633178	C16orf80;C16orf80	0.100927	0.2205	1.26611	1.26611	0.284525	0.815755	-1.22586	0.454407	1.14979	1.14979	0.134678	0.74421	-1.34371	0.00990935	1.81632	1.81632	0.205974	1.27683	1.27683	0.940665	0.986457	-1.01373	0.129155	1.35034	1.35034	0.840787	1.03753	1.03753	2.55106	1.35567	0.47237	1
cg02465374	LOC441177;C6orf176;C6orf176	0.100927	0.510008	0.899143	-1.11217	0.031785	1.49237	1.49237	0.360766	1.16121	1.16121	0.0268879	0.659026	-1.51739	0.562394	1.09765	1.09765	0.457292	1.12797	1.12797	0.136053	1.29115	1.29115	0.142347	1.28517	1.28517	0.476528	1.12205	1.12205	2.55106	1.02247	0.35627	1
cg12663855	IPPK	0.100929	0.41049	0.891951	-1.12114	0.896996	0.982558	-1.01775	0.168758	1.22045	1.22045	0.405235	1.12265	1.12265	0.0885949	1.29074	1.29074	0.178789	1.21416	1.21416	0.0151019	0.666541	-1.50028	0.307083	1.15448	1.15448	0.511274	0.913463	-1.09474	2.55103	0.745718	0.25984	1
cg27490193	HINT2	0.10093	0.205463	1.31362	1.31362	0.184433	0.750143	-1.33308	0.542288	1.13424	1.13424	0.966018	0.991338	-1.00874	0.435996	1.1762	1.1762	0.712429	0.927183	-1.07854	0.00482194	0.465969	-2.14607	0.765781	0.940816	-1.06291	0.410541	1.18751	1.18751	2.55102	1.68491	0.587097	1
cg18139053	HERC2	0.100932	0.571626	1.26326	1.26326	0.11153	0.492321	-2.03119	0.145232	0.527565	-1.8955	0.401562	1.4205	1.4205	0.0274623	0.344297	-2.90447	0.931455	1.0358	1.0358	0.379529	0.69173	-1.44565	0.0598574	2.38231	2.38231	0.326886	1.51255	1.51255	2.551	6.75303	2.35307	1
cg16433406	NT5C3L	0.100932	0.928574	1.01553	1.01553	0.117793	1.33897	1.33897	0.114397	0.744457	-1.34326	0.236158	1.2378	1.2378	0.706245	1.06724	1.06724	0.313039	1.19642	1.19642	0.00629426	1.84334	1.84334	0.695522	0.93464	-1.06993	0.613634	1.09144	1.09144	2.551	1.19323	0.415778	1
cg08453750	OSBPL5;OSBPL5;OSBPL5	0.100935	0.556909	1.15178	1.15178	0.00291722	2.64519	2.64519	0.37588	1.24128	1.24128	0.373724	1.24256	1.24256	0.548533	1.15534	1.15534	0.479676	1.18637	1.18637	0.0334995	1.80543	1.80543	0.416346	1.21844	1.21844	0.267885	1.31587	1.31587	2.55097	2.2855	0.796386	1
cg25599924	ACOX3;ACOX3	0.100936	0.587984	0.659399	-1.51653	0.00392993	0.0521199	-19.1865	0.0671348	0.209689	-4.76896	0.480151	1.72706	1.72706	0.424302	0.53729	-1.86119	0.411718	0.527822	-1.89458	0.605716	0.672721	-1.4865	0.141281	0.299878	-3.33469	0.858414	1.14562	1.14562	2.55096	23.4162	8.15945	1
cg18405691	OR4C15	0.100936	0.187211	0.252304	-3.96348	0.0716316	0.137845	-7.25451	0.032669	0.0852218	-11.7341	0.481074	0.49384	-2.02495	0.0257131	0.0735425	-13.5976	0.186286	0.251487	-3.97634	0.0173926	0.0576792	-17.3373	0.226694	0.286379	-3.49188	0.11985	0.189676	-5.27215	2.55096	39.2102	13.6629	1
cg12468119	KIF26A	0.100936	0.00744786	0.407849	-2.45189	0.212926	0.710793	-1.40688	0.173424	0.685954	-1.45782	0.0727956	0.59401	-1.68347	0.104288	0.629934	-1.58747	0.0571469	0.571174	-1.75078	0.276398	0.744803	-1.34264	0.719559	1.09837	1.09837	0.205699	0.706505	-1.41542	2.55095	2.7362	0.95344	1
cg13877999	SGK2;SGK2	0.100938	0.153423	3.18952	3.18952	0.618932	1.46295	1.46295	0.0990118	3.94459	3.94459	0.0677042	4.72545	4.72545	0.722505	1.31069	1.31069	0.106796	3.80399	3.80399	0.00881728	12.5572	12.5572	0.0322716	6.70241	6.70241	0.390707	1.94905	1.94905	2.55094	23.2612	8.10549	1
cg24633967	C5orf24;C5orf24	0.100941	0.0972833	1.66609	1.66609	0.0446986	0.523864	-1.90889	0.0826593	0.583223	-1.71461	0.484449	0.81929	-1.22057	0.770781	0.921313	-1.08541	0.292077	1.35887	1.35887	0.302498	1.34937	1.34937	0.205353	1.45474	1.45474	0.138772	1.56367	1.56367	2.55091	3.17939	1.10789	1
cg03040513	STAB2	0.100941	0.350492	0.762753	-1.31104	0.609421	1.15629	1.15629	0.785941	0.926151	-1.07974	0.344249	0.759906	-1.31595	0.0650986	0.557846	-1.79261	0.153979	0.650429	-1.53745	0.0123568	2.40561	2.40561	0.603603	1.15908	1.15908	0.33403	0.755182	-1.32418	2.5509	3.20871	1.11811	1
cg04878152	AGTR1;AGTR1;AGTR1;AGTR1	0.100942	0.381228	0.887711	-1.12649	0.101297	0.788242	-1.26865	0.0893921	0.780056	-1.28196	0.491912	0.911582	-1.09699	0.262836	0.856568	-1.16745	0.560769	0.924959	-1.08113	0.0029149	0.581309	-1.72026	0.838045	0.973223	-1.02751	0.988115	1.00198	1.00198	2.55089	0.710577	0.247609	1
cg10470447	CCT6B;CCT6B;ZNF830	0.100944	0.0283731	0.629286	-1.5891	0.0189944	1.66253	1.66253	0.760511	1.05625	1.05625	0.714179	0.936279	-1.06806	0.856948	0.968218	-1.03282	0.612251	0.91257	-1.09581	0.180046	1.29025	1.29025	0.629574	1.09089	1.09089	0.152922	1.3152	1.3152	2.55087	1.29437	0.451043	1
cg23685967	TOLLIP	0.100946	0.224271	1.4807	1.4807	0.176465	0.64286	-1.55555	0.0518772	0.50653	-1.97422	0.562753	0.835343	-1.19711	0.117321	1.68713	1.68713	0.869647	1.0518	1.0518	0.0269324	2.23811	2.23811	0.409889	0.771726	-1.2958	0.948205	0.980224	-1.02018	2.55085	3.81923	1.33088	1
cg11640046	INPP5F;INPP5F	0.100946	0.269517	1.13345	1.13345	0.618048	0.946712	-1.05629	0.33118	1.11541	1.11541	0.0548775	1.26767	1.26767	0.0513243	0.785283	-1.27343	0.229849	0.871756	-1.14711	0.0550591	0.789023	-1.26739	0.274515	0.883506	-1.13185	0.655091	0.952201	-1.0502	2.55085	0.47943	0.167066	1
cg26184501	ITGA3;ITGA3	0.100946	0.478499	0.845791	-1.18232	0.030232	1.80807	1.80807	0.945372	1.01606	1.01606	0.228786	0.745587	-1.34122	0.561086	0.872313	-1.14638	0.778084	1.06788	1.06788	0.149133	0.697963	-1.43274	0.885085	0.966944	-1.03419	0.0146997	0.497549	-2.00985	2.55084	2.18277	0.760628	1
cg27505504	SCG5;SCG5	0.10095	0.172837	0.41905	-2.38635	0.00437475	0.102073	-9.79695	0.107864	0.34927	-2.86311	0.490059	0.656809	-1.52251	0.0674971	0.292811	-3.41517	0.216862	0.458838	-2.17942	0.121861	0.365901	-2.73298	0.177363	0.42335	-2.36211	0.793773	0.854641	-1.17008	2.5508	14.5223	5.06064	1
cg22800045	MAP3K1	0.100951	0.999066	0.999701	-1.0003	0.834434	1.05498	1.05498	0.462476	1.21076	1.21076	0.484968	1.19896	1.19896	0.436459	1.22506	1.22506	0.851771	0.953295	-1.04899	0.0240447	0.502497	-1.99006	0.00908674	0.42844	-2.33405	0.485455	0.834234	-1.1987	2.55079	2.64131	0.920433	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26789038	IKZF1	0.100951	0.443044	1.85188	1.85188	0.00804121	14.5159	14.5159	0.0188513	9.40631	9.40631	0.807328	1.21229	1.21229	0.413585	1.932	1.932	0.616444	1.4887	1.4887	0.472096	0.561985	-1.77941	0.115065	3.85749	3.85749	0.38443	2.01906	2.01906	2.55079	25.0786	8.73929	1
cg05187508	HLA-J;NCRNA00171	0.100952	0.0874582	0.414804	-2.41078	0.0255122	3.44842	3.44842	0.125089	0.461016	-2.16912	0.952454	0.972572	-1.0282	0.0704551	0.38946	-2.56765	0.957159	0.975256	-1.02537	0.101719	0.433612	-2.30621	0.922989	1.04613	1.04613	0.95838	0.975953	-1.02464	2.55078	8.78812	3.06246	1
cg15183689	LOC731789	0.100953	0.116949	1.41204	1.41204	0.0184915	0.560573	-1.78389	0.106468	0.699696	-1.42919	0.146902	1.37079	1.37079	0.476368	0.863549	-1.15801	0.698731	1.08198	1.08198	0.348934	1.21574	1.21574	0.822408	1.0466	1.0466	0.27134	0.792952	-1.26111	2.55077	1.65806	0.577797	1
cg14790078	ATP8A2	0.100957	0.834104	1.08337	1.08337	0.0417721	0.408187	-2.44986	0.0167455	0.327942	-3.04932	0.254244	1.57548	1.57548	0.618452	1.21132	1.21132	0.200732	1.67531	1.67531	0.284079	1.52944	1.52944	0.412115	0.726007	-1.3774	0.861487	1.06896	1.06896	2.55073	5.88956	2.05242	1
cg08724891	CDK5R2;CDK5R2	0.100961	0.157679	0.563363	-1.77505	0.634114	1.19976	1.19976	0.152071	1.79101	1.79101	0.705188	1.15531	1.15531	0.137028	0.54424	-1.83743	0.129218	0.536503	-1.86392	0.0381308	0.40137	-2.49147	0.106726	1.95218	1.95218	0.291449	0.659823	-1.51556	2.55068	5.828	2.031	1
cg11580676	BGLAP	0.100962	0.0514401	0.182831	-5.46954	0.173431	3.03407	3.03407	0.379614	0.501239	-1.99505	0.181711	0.337454	-2.96337	0.212602	0.365688	-2.73457	0.265683	0.411147	-2.43222	0.0130966	0.0946011	-10.5707	0.420587	0.532312	-1.8786	0.0902688	0.239187	-4.18083	2.55068	23.7211	8.26659	1
cg16138690	HDAC4	0.100962	0.19419	0.416461	-2.40119	0.055375	0.250334	-3.99466	0.0418301	0.224014	-4.46401	0.441288	0.606064	-1.64999	0.0392183	0.218363	-4.57954	0.232092	0.449668	-2.22386	0.0758371	0.283622	-3.52582	0.617891	1.37813	1.37813	0.0277218	0.190234	-5.25668	2.55067	16.4301	5.72575	1
cg10146807	API5;API5;API5;API5	0.100962	0.465697	0.776361	-1.28806	0.392693	0.741882	-1.34792	0.00933057	3.07824	3.07824	0.503938	0.793545	-1.26017	0.607455	0.838049	-1.19325	0.65854	0.859291	-1.16375	0.219281	1.55348	1.55348	0.527863	1.24369	1.24369	0.0461778	2.17914	2.17914	2.55067	4.69665	1.63675	1
cg18176482	USP21;USP21	0.100963	0.0715845	0.296517	-3.37248	0.457772	0.63326	-1.57913	0.299413	0.522141	-1.91519	0.602941	1.37314	1.37314	0.0381557	0.234114	-4.27143	0.137186	0.380094	-2.63093	0.0113729	0.147421	-6.78328	0.812499	0.866252	-1.1544	0.0764535	0.303968	-3.28982	2.55066	14.7484	5.13973	1
cg02951558	FAM71E1;C19orf63;C19orf63	0.100965	0.200988	4.16058	4.16058	0.373653	2.48554	2.48554	0.0241566	40.2026	40.2026	?	?	?	?	?	?	?	?	?	0.199409	0.238742	-4.18863	?	?	?	0.861335	1.18058	1.18058	5.26884	33.436	3.8076	1
cg10888242	SAMD4A;SAMD4A	0.10097	0.558791	0.6819	-1.46649	0.0108185	7.94755	7.94755	0.0204033	6.10948	6.10948	0.677151	1.31147	1.31147	0.561538	0.683766	-1.46249	0.631696	1.36718	1.36718	0.4056	0.576364	-1.73502	0.682851	1.30477	1.30477	0.481043	0.628874	-1.59014	2.55059	16.9407	5.90389	1
cg10082398	CLDN20;TFB1M	0.100972	0.670542	0.811774	-1.23187	0.0118034	0.216032	-4.62895	0.0176863	0.245112	-4.07977	0.373552	0.640732	-1.56072	0.303966	1.68006	1.68006	0.1543	0.475633	-2.10246	0.90309	0.942367	-1.06116	0.737221	1.17834	1.17834	0.703206	0.829822	-1.20508	2.55057	9.59322	3.3433	1
cg22758471	BACH2;BACH2	0.100972	0.934838	1.03386	1.03386	0.838374	0.920184	-1.08674	0.261383	0.620623	-1.61128	0.78801	1.11602	1.11602	0.00551042	0.226287	-4.41917	0.155461	0.538448	-1.85719	0.728254	1.15265	1.15265	0.118611	1.99368	1.99368	0.74006	1.14523	1.14523	2.55057	6.70061	2.33521	1
cg24868790	DGKA;DGKA;DGKA;DGKA	0.100972	0.18473	0.822003	-1.21654	0.062037	0.746204	-1.34012	0.597372	1.0771	1.0771	0.937662	0.98916	-1.01096	0.850605	0.97407	-1.02662	0.722548	1.05093	1.05093	0.0124881	0.648525	-1.54196	0.0720977	0.756	-1.32275	0.0581017	0.74198	-1.34774	2.55056	0.784273	0.273325	1
cg16776114	CXorf38	0.100976	0.31504	0.605236	-1.65225	0.202741	0.522072	-1.91544	0.655523	1.24237	1.24237	0.561795	1.32781	1.32781	0.693609	0.825822	-1.21091	0.0029871	0.139649	-7.16079	0.744108	1.17153	1.17153	0.989508	1.00638	1.00638	0.524024	1.36628	1.36628	2.55052	9.43653	3.28875	1
cg07621949	KRTAP13-3	0.100976	0.262606	0.692119	-1.44484	0.050178	2.02079	2.02079	0.374622	1.33258	1.33258	0.0810005	0.54359	-1.83962	0.0450205	0.484466	-2.06413	0.251571	0.685648	-1.45847	0.978669	1.00846	1.00846	0.551903	1.20879	1.20879	0.143495	0.609411	-1.64093	2.55052	4.00975	1.39745	1
cg03836831	LMF1	0.100978	0.560923	0.866345	-1.15427	0.170218	0.700164	-1.42824	0.34343	0.788075	-1.26891	0.279893	1.31536	1.31536	0.0718921	1.63279	1.63279	0.821804	1.05659	1.05659	0.0116472	2.15846	2.15846	0.267115	1.32593	1.32593	0.596545	0.877773	-1.13925	2.55049	2.40528	0.838279	1
cg24583305	EPRS	0.100979	0.109367	2.04024	2.04024	0.605094	1.23747	1.23747	0.834318	0.918002	-1.08932	0.00392816	0.204912	-4.88015	0.53259	0.772449	-1.29458	0.479726	1.34107	1.34107	0.702822	1.1695	1.1695	0.922777	1.0404	1.0404	0.996116	0.998014	-1.00199	2.55049	6.73968	2.34889	1
cg23639399	PAOX;PAOX;PAOX	0.100982	0.748472	0.913388	-1.09482	0.864915	0.953184	-1.04912	0.148138	1.54783	1.54783	0.00511571	0.35288	-2.83383	0.818805	1.06675	1.06675	0.372679	0.772812	-1.29397	0.184246	1.48679	1.48679	0.718031	1.10751	1.10751	0.625156	1.14872	1.14872	2.55046	3.20306	1.11634	1
cg14806431	GALNT7	0.100983	0.0538314	0.206935	-4.83242	0.351208	0.501364	-1.99456	0.42265	0.554679	-1.80284	0.452478	0.576504	-1.73459	0.0126493	0.107474	-9.30456	0.0760352	0.241552	-4.1399	0.0221955	0.139056	-7.19136	0.481351	0.597486	-1.67368	0.0813827	0.249052	-4.01523	2.55045	20.9164	7.28982	1
cg23481246	STUB1;JMJD8	0.100986	0.207688	0.402591	-2.48391	0.203678	2.50628	2.50628	0.688114	1.31831	1.31831	0.260731	0.447841	-2.23293	0.0747709	0.25686	-3.89316	0.331191	0.503274	-1.98699	0.0347525	0.185359	-5.39494	0.036514	0.189307	-5.28244	0.0882092	0.275717	-3.62691	2.55041	18.9443	6.60261	1
cg06942183	HOXB2	0.100986	0.107719	0.456101	-2.19249	0.0357802	0.335351	-2.98195	0.179386	0.528441	-1.89236	0.902993	0.946929	-1.05605	0.0729119	0.408744	-2.44652	0.559397	0.767974	-1.30213	0.00933276	0.228851	-4.36965	0.0761943	0.4138	-2.41663	0.619987	0.799669	-1.25052	2.55041	8.07925	2.81584	1
cg02072885	LAMP3;LAMP3	0.100989	0.674788	1.93424	1.93424	0.151481	11.0519	11.0519	0.374224	4.1616	4.1616	?	?	?	0.31607	0.197808	-5.0554	0.650304	2.04108	2.04108	0.468561	3.16737	3.16737	0.00394826	428.94	428.94	0.988146	0.977042	-1.0235	2.57821	88.7063	34.4061	1
cg08095339	SDHAP2	0.10099	0.214446	0.50932	-1.9634	0.191587	0.489834	-2.04151	0.0935878	0.385983	-2.59079	0.765786	1.16674	1.16674	0.0358786	0.283588	-3.52624	0.118245	0.416628	-2.40022	0.0068614	0.164106	-6.09364	0.422653	0.655213	-1.52622	0.40849	0.646347	-1.54716	2.55037	10.7638	3.75156	1
cg20515580	SYT12	0.100991	0.0432911	0.240192	-4.16334	0.208717	2.25499	2.25499	0.696074	0.78594	-1.27236	0.185637	0.422666	-2.36594	0.024534	0.193278	-5.1739	0.768169	0.834123	-1.19886	0.0366171	0.225335	-4.43784	0.299403	0.516899	-1.93461	0.159768	0.397828	-2.51365	2.55035	15.2075	5.30035	1
cg01195861	POP5;POP5	0.100993	0.123515	0.257385	-3.88524	0.0763141	0.20104	-4.97413	0.0253487	0.115037	-8.69282	0.529672	0.595723	-1.67863	?	?	?	0.970332	1.03072	1.03072	0.0170428	0.0938212	-10.6586	0.128433	0.262669	-3.80708	0.215313	0.346102	-2.88932	2.57816	24.0209	9.31709	1
cg17806717	TNXB	0.100996	0.519963	0.863561	-1.158	0.538213	1.15047	1.15047	0.0146684	0.508773	-1.96551	0.144678	0.703029	-1.42242	0.124253	0.687729	-1.45406	0.153294	0.708985	-1.41047	0.01909	0.528331	-1.89275	0.766575	0.935237	-1.06925	0.743409	1.07668	1.07668	2.5503	2.0432	0.712144	1
cg04293602	OVOL1	0.100999	0.0622271	4.22896	4.22896	0.68965	1.3175	1.3175	0.619927	1.40978	1.40978	0.169443	2.73316	2.73316	0.0376721	5.23895	5.23895	0.961737	0.967582	-1.0335	0.0102494	9.23453	9.23453	0.785637	1.20595	1.20595	0.0536237	4.5063	4.5063	2.55027	19.0589	6.64293	1
cg17286012	COL11A2;COL11A2;COL11A2;COL11A2	0.100999	0.0854933	0.361434	-2.76676	0.0092439	0.170565	-5.86285	0.158491	0.446186	-2.24122	0.505256	0.696335	-1.43609	0.0269962	0.24611	-4.06322	0.0893267	0.366798	-2.72629	0.106144	0.388784	-2.57212	0.195206	0.480236	-2.08231	0.522319	0.706701	-1.41503	2.55027	11.5765	4.03494	1
cg08193132	FAM38A	0.101	0.045458	0.261706	-3.82107	0.671469	1.2831	1.2831	0.154602	2.43578	2.43578	0.251032	0.4962	-2.01532	0.0279337	0.219218	-4.56167	0.277418	0.516839	-1.93484	0.0818786	0.324152	-3.08497	0.932143	0.951456	-1.05102	0.113965	0.366131	-2.73126	2.55026	13.7902	4.80657	1
cg22294577	SLC26A3	0.101001	0.0404358	0.357678	-2.79581	0.916958	0.955708	-1.04635	0.212231	0.5651	-1.7696	0.0466351	0.37171	-2.69027	0.957091	0.976899	-1.02365	0.0366921	0.348415	-2.87014	0.969759	0.983668	-1.0166	0.585508	0.787253	-1.27024	0.0155188	0.275428	-3.63071	2.55024	7.62082	2.65624	1
cg26889682	PACS1	0.101004	0.0122654	0.188147	-5.315	0.584826	1.34372	1.34372	0.740892	0.837193	-1.19447	0.357866	1.65919	1.65919	0.565967	1.3644	1.3644	0.734044	1.20035	1.20035	0.947188	1.03611	1.03611	0.670383	0.795114	-1.25768	0.0156518	0.204597	-4.88766	2.55022	11.5823	4.03705	1
cg13482233	HEPH;HEPH	0.101006	0.0911258	0.198424	-5.03971	0.276475	0.373874	-2.6747	0.118581	0.229335	-4.36043	0.157697	0.26901	-3.71734	0.0528013	0.147613	-6.77447	0.392488	0.467018	-2.14125	0.0649663	0.165108	-6.05664	0.0163508	0.077998	-12.8208	0.0270284	0.102756	-9.73183	2.5502	30.5103	10.6346	1
cg05294243	KLK13	0.101006	0.303557	1.58997	1.58997	0.0325855	2.9696	2.9696	0.540421	1.30956	1.30956	0.778911	1.13029	1.13029	0.5338	0.76016	-1.31551	0.595179	0.791864	-1.26284	0.0152546	0.273478	-3.6566	0.782889	1.12772	1.12772	0.16888	1.89249	1.89249	2.5502	7.64825	2.66585	1
cg13759743	NR2E3;NR2E3	0.10101	0.710573	1.27134	1.27134	0.647747	1.34484	1.34484	0.255654	0.465663	-2.14748	0.307766	0.506635	-1.97381	0.00256166	0.067614	-14.7898	0.603678	1.40117	1.40117	0.709327	0.785712	-1.27273	0.872828	0.901971	-1.10868	0.325786	0.520239	-1.92219	2.55015	16.754	5.83983	1
cg24276151	ASPSCR1	0.10101	0.605402	0.923483	-1.08286	0.0619896	1.37848	1.37848	0.175013	0.802268	-1.24647	0.540559	1.09925	1.09925	0.602423	0.922865	-1.08358	0.592868	1.08593	1.08593	0.27262	1.19053	1.19053	0.907797	1.01785	1.01785	0.0103084	0.610366	-1.63836	2.55015	0.942205	0.328418	1
cg02447227	NFIA;NFIA;NFIA;NFIA	0.10101	0.0851514	0.247689	-4.03733	0.00651535	0.0748511	-13.3599	0.0498786	0.194009	-5.15439	0.942902	1.05392	1.05392	0.206699	0.376652	-2.65497	0.344368	0.489621	-2.0424	0.0813575	0.242558	-4.12272	0.189172	0.360649	-2.77278	0.737833	0.781682	-1.27929	2.55015	21.712	7.56802	1
cg09457470	CASKIN2;CASKIN2	0.101011	0.0695156	4.0518	4.0518	0.964338	0.969657	-1.03129	0.236951	2.34886	2.34886	0.0256316	6.21624	6.21624	0.922701	1.06918	1.06918	0.132617	3.0598	3.0598	0.123134	3.16167	3.16167	0.0157388	7.68766	7.68766	0.0855905	3.70459	3.70459	2.55014	19.1831	6.68655	1
cg17969298	ANGEL2;ANGEL2	0.101012	0.762333	1.05809	1.05809	0.0765672	1.44299	1.44299	0.158504	1.32394	1.32394	0.775238	0.948102	-1.05474	0.184524	1.29954	1.29954	0.687163	1.07828	1.07828	0.049413	0.65873	-1.51807	0.600019	1.10351	1.10351	0.0198737	1.68769	1.68769	2.55013	1.39966	0.487874	1
cg21937734	PTPN12;PTPN12;PTPN12	0.101012	0.212002	0.698099	-1.43246	0.256601	1.38223	1.38223	0.335716	1.31176	1.31176	0.987655	1.00424	1.00424	0.00346004	0.337872	-2.9597	0.77684	0.925258	-1.08078	0.841685	1.05619	1.05619	0.92158	0.973441	-1.02728	0.705398	0.901383	-1.10941	2.55012	3.0182	1.05204	1
cg25442928	GRAMD4	0.101014	0.823777	1.09129	1.09129	0.1968	0.585956	-1.70661	0.0228813	0.344255	-2.90483	0.960299	1.01969	1.01969	0.0538236	0.42421	-2.35732	0.0898915	0.480833	-2.07973	0.111083	0.506666	-1.97369	0.294591	1.53078	1.53078	0.0846094	0.47373	-2.11091	2.55011	6.19634	2.15985	1
cg01897823	SOCS3	0.101015	0.00856815	0.625146	-1.59963	0.419056	1.12261	1.12261	0.807964	0.966464	-1.0347	0.78428	0.962291	-1.03919	0.414026	1.12409	1.12409	0.0395201	0.716371	-1.39592	0.376147	0.880533	-1.13568	0.479639	0.904237	-1.1059	0.30778	1.15938	1.15938	2.5501	0.792532	0.276253	1
cg12969170	TP53TG1;CROT;CROT;CROT	0.101016	0.759391	0.937258	-1.06694	0.399191	0.833562	-1.19967	0.905654	0.975301	-1.02532	0.788973	1.05821	1.05821	0.8231	0.95387	-1.04836	0.680656	0.916412	-1.09121	0.00378343	0.438649	-2.27973	0.037557	0.601143	-1.6635	0.609147	1.11491	1.11491	2.55008	1.7968	0.626317	1
cg09943550	CHFR;CHFR;CHFR;CHFR;CHFR	0.101017	0.1081	0.7055	-1.41743	0.854681	1.03716	1.03716	0.399211	1.18737	1.18737	0.104621	0.702599	-1.42329	0.235248	1.28088	1.28088	0.0593978	0.654773	-1.52725	0.18152	0.754095	-1.32609	0.651823	1.0946	1.0946	0.0626442	1.51722	1.51722	2.55007	1.59923	0.557449	1
cg23632840	C20orf94;MKKS	0.101018	0.0726929	0.683946	-1.4621	0.057204	1.50545	1.50545	0.859079	0.967395	-1.0337	0.0685841	1.47251	1.47251	0.29897	1.22369	1.22369	0.983471	1.00387	1.00387	0.331459	0.828807	-1.20655	0.0405433	1.57028	1.57028	0.890253	0.974579	-1.02608	2.71199	1.46245	0.419418	1
cg27491190	SLC38A2	0.101019	0.832761	1.06538	1.06538	0.651642	1.14581	1.14581	0.188798	0.659046	-1.51735	0.585246	0.84786	-1.17944	0.0114119	0.387427	-2.58113	0.111966	1.67924	1.67924	0.0947909	1.73302	1.73302	0.584798	1.17968	1.17968	0.618205	0.860298	-1.16239	2.55005	3.62229	1.26265	1
cg03513964	C1orf173	0.101022	0.110365	0.660864	-1.51317	0.0340752	0.554989	-1.80184	0.0895677	0.640457	-1.56139	0.521169	0.856583	-1.16743	0.171235	0.706944	-1.41454	0.37832	1.24009	1.24009	0.0360058	0.55954	-1.78718	0.0360908	0.559736	-1.78656	0.256509	0.754315	-1.32571	2.55002	2.28879	0.797827	1
cg13806670	MARCH8;MARCH8;MARCH8;MARCH8	0.101023	0.842442	1.02452	1.02452	0.0388442	1.33794	1.33794	0.0543884	1.30432	1.30432	0.418931	0.904362	-1.10575	0.433916	1.10207	1.10207	0.247993	0.863293	-1.15836	0.0760869	0.786432	-1.27157	0.734391	0.959396	-1.04232	0.13954	1.21352	1.21352	2.55001	0.598322	0.208565	1
cg08948528	BRD1	0.101029	0.078797	1.57489	1.57489	0.56227	1.14605	1.14605	0.765939	0.932893	-1.07193	0.151732	1.42954	1.42954	0.28219	1.29697	1.29697	0.624761	1.12154	1.12154	0.00442517	2.42009	2.42009	0.0912066	1.54166	1.54166	0.17442	1.39955	1.39955	2.54994	2.18649	0.762193	1
cg16627829	HCST;HCST	0.101031	0.625051	0.608822	-1.64252	0.0360721	11.6607	11.6607	0.333383	2.73266	2.73266	0.152077	4.69188	4.69188	0.831106	0.806388	-1.2401	0.532585	1.8905	1.8905	0.392144	0.413426	-2.41881	0.00756455	31.8722	31.8722	0.437985	2.21905	2.21905	2.54992	40.9937	14.2902	1
cg00273267	USP36	0.101032	0.848486	0.957318	-1.04458	0.0640235	0.622079	-1.60751	0.0155691	0.508386	-1.96701	0.988951	1.00316	1.00316	0.0197612	0.526255	-1.90022	0.156624	0.707837	-1.41275	0.189002	0.728072	-1.37349	0.0787555	0.640672	-1.56086	0.607001	0.888409	-1.12561	2.54991	2.10043	0.732201	1
cg03549146	MIR140;WWP2;WWP2	0.101032	0.244089	0.533702	-1.8737	0.104506	0.400795	-2.49504	0.179668	0.479846	-2.084	0.107176	0.404107	-2.47459	0.00805045	0.173931	-5.74941	0.415741	0.651425	-1.5351	0.524314	1.3944	1.3944	0.809207	1.13274	1.13274	0.0607407	0.336443	-2.97227	2.54991	10.7214	3.73742	1
cg02953275	CACNB4;CACNB4;CACNB4;CACNB4	0.101033	0.252465	0.857267	-1.1665	0.046372	1.34176	1.34176	0.042677	1.3507	1.3507	0.52944	1.08554	1.08554	0.565709	1.07767	1.07767	0.190632	0.836485	-1.19548	0.149	0.819237	-1.22065	0.736472	0.957418	-1.04448	0.1317	1.23323	1.23323	2.5499	0.670325	0.233673	1
cg26406014	SDK1;SDK1	0.101034	0.0629082	0.544989	-1.8349	0.126238	1.61594	1.61594	0.126258	0.618854	-1.61589	0.910934	1.03299	1.03299	0.448983	1.25085	1.25085	0.181532	0.662694	-1.50899	0.0603816	1.84852	1.84852	0.957945	0.984819	-1.01542	0.141348	1.58224	1.58224	2.54989	3.39858	1.18474	1
cg01539064	RPL18;SPHK2	0.101036	0.11153	0.705174	-1.41809	0.159581	1.35377	1.35377	0.271994	1.25915	1.25915	0.857962	0.964541	-1.03676	0.740124	1.06938	1.06938	0.403505	1.18801	1.18801	0.00893172	0.51154	-1.95488	0.714338	0.92859	-1.0769	0.382405	1.19785	1.19785	2.54986	1.64019	0.571776	1
cg17338403	SLCO3A1;SLCO3A1	0.101038	0.423884	0.771761	-1.29574	0.0149936	2.5821	2.5821	0.583503	0.838923	-1.19201	0.245859	1.4696	1.4696	0.104936	0.570034	-1.75428	0.983069	0.993291	-1.00675	0.978713	0.991572	-1.0085	0.0719692	0.528807	-1.89105	0.317864	0.720721	-1.3875	2.54985	4.06343	1.41653	1
cg11531021	OBSL1	0.101039	0.111227	0.705264	-1.41791	0.617086	1.10678	1.10678	0.236276	1.28372	1.28372	0.976514	0.994093	-1.00594	0.0352402	0.610442	-1.63816	0.1442	1.37126	1.37126	0.403816	0.84204	-1.18759	0.0307637	0.600128	-1.66631	0.649291	0.911977	-1.09652	2.54984	1.63573	0.570227	1
cg02596499	FLJ43663;FLJ43663	0.101042	0.105082	0.460419	-2.17193	0.0708517	0.413157	-2.42039	0.177446	0.533802	-1.87335	0.612472	1.25071	1.25071	0.00922396	0.235171	-4.25223	0.559662	0.772331	-1.29478	0.290908	1.61606	1.61606	0.686503	1.19446	1.19446	0.386121	0.677666	-1.47565	2.5498	7.74549	2.70017	1
cg08022436	KCNJ3	0.101044	0.0343478	13.8232	13.8232	0.14046	5.40442	5.40442	0.785803	0.748387	-1.33621	0.194173	4.31236	4.31236	0.20103	4.20727	4.20727	0.246358	3.6323	3.6323	0.915691	0.893446	-1.11926	0.0146396	24.4861	24.4861	0.0357265	13.4676	13.4676	2.54978	45.716	15.9372	1
cg09233204	CYP26C1	0.101044	0.656456	0.921699	-1.08495	0.560974	1.11301	1.11301	0.0561911	0.674444	-1.4827	0.282599	0.815992	-1.2255	0.852044	0.966566	-1.03459	0.674333	0.925915	-1.08001	0.0065088	1.90418	1.90418	0.68925	0.929408	-1.07595	0.806416	1.04573	1.04573	2.54977	1.33953	0.466981	1
cg06022838	TMEM187;TMEM187;HCFC1	0.101046	0.287534	0.403397	-2.47895	0.0170579	0.0915482	-10.9232	0.924652	0.925179	-1.08087	0.0348066	7.55733	7.55733	0.173208	0.303778	-3.29188	0.12439	0.254665	-3.92673	0.949026	1.05397	1.05397	0.805444	0.816374	-1.22493	0.896727	1.11267	1.11267	2.54976	27.2933	9.51491	1
cg27208307	SRGN	0.101046	0.920535	0.971262	-1.02959	0.981273	1.00688	1.00688	0.107969	0.598991	-1.66947	0.337057	0.748843	-1.33539	0.00798487	0.370254	-2.70085	0.622712	1.15594	1.15594	0.307586	0.734454	-1.36156	0.18961	1.50083	1.50083	0.0940794	0.583964	-1.71243	2.54975	3.44831	1.20214	1
cg16665866	CACNA1H;CACNA1H	0.101048	0.484424	1.37638	1.37638	0.122597	2.12165	2.12165	0.117679	0.46583	-2.14671	0.294913	0.61362	-1.62967	0.00748158	0.212656	-4.70242	0.37348	0.663154	-1.50795	0.956538	1.02481	1.02481	0.863241	1.0806	1.0806	0.329999	0.636386	-1.57137	2.54973	8.16271	2.84569	1
cg23651149	TBC1D16	0.101048	0.345639	1.19997	1.19997	0.364548	1.1911	1.1911	0.01931	0.587977	-1.70075	0.245959	0.796331	-1.25576	0.99583	1.00098	1.00098	0.201375	1.28819	1.28819	0.0590329	1.49202	1.49202	0.21455	0.78252	-1.27792	0.841689	0.963162	-1.03825	2.54973	1.42249	0.49591	1
cg03554406	SS18L1	0.101049	0.0044014	0.128029	-7.81072	0.995278	1.0032	1.0032	0.0981336	0.375004	-2.66664	0.536066	1.4032	1.4032	0.162718	0.446791	-2.23818	0.363052	0.603276	-1.65762	0.113599	0.39426	-2.5364	0.319808	0.57362	-1.74331	0.298989	0.558798	-1.78956	2.54972	11.8027	4.11468	1
cg00686339	WDR90	0.101051	0.115396	0.251555	-3.97527	0.391436	2.02991	2.02991	0.668219	1.41574	1.41574	0.14584	0.283933	-3.52196	0.161996	0.300012	-3.3332	0.215599	0.349627	-2.86019	0.666077	1.41916	1.41916	0.00678996	0.0591044	-16.9192	0.336814	0.450015	-2.22215	2.5497	26.2532	9.15253	1
cg04226401	CDC14A;CDC14A;CDC14A;CDC14A;CDC14A;CDC14A	0.101052	0.47045	1.18517	1.18517	0.195254	1.37295	1.37295	0.858228	1.04224	1.04224	0.422784	1.20858	1.20858	0.957073	1.01253	1.01253	0.295306	1.28546	1.28546	0.00950049	0.467562	-2.13875	0.342912	1.25367	1.25367	0.0664437	1.61002	1.61002	2.54969	2.16179	0.753657	1
cg05457373	SMAD6;SMAD6;SMAD6	0.101054	0.0888669	0.634008	-1.57727	0.766036	1.07515	1.07515	0.709218	1.09523	1.09523	0.974756	1.00771	1.00771	0.371817	0.800389	-1.24939	0.11156	0.656494	-1.52324	0.00874281	2.25037	2.25037	0.424011	0.820147	-1.21929	0.714683	0.914703	-1.09325	2.54967	2.38103	0.830098	1
cg14249227	PAN2;PAN2;PAN2	0.101056	0.261316	0.585133	-1.70901	0.286497	1.65923	1.65923	0.228989	1.78165	1.78165	0.47846	1.3905	1.3905	0.208982	0.545598	-1.83285	0.440779	1.43282	1.43282	0.00942135	0.221874	-4.50707	0.566203	0.766989	-1.3038	0.182888	0.523826	-1.90903	2.54965	8.45131	2.9464	1
cg21175873	C9orf86;C9orf86	0.101056	0.11027	0.361418	-2.76688	0.0169443	5.49049	5.49049	0.986792	1.00973	1.00973	0.431634	0.625434	-1.59889	0.0947199	0.34168	-2.92671	0.916643	0.940619	-1.06313	0.0577402	0.285178	-3.50659	0.909189	1.06899	1.06899	0.81015	0.868725	-1.15111	2.54965	13.8066	4.81344	1
cg01323954	FAM103A1	0.101057	0.046148	0.145592	-6.8685	0.390127	0.475837	-2.10156	0.363823	0.455188	-2.19689	0.343373	0.439015	-2.27782	0.0267737	0.109381	-9.14232	0.243114	0.356969	-2.80136	0.0144724	0.078775	-12.6944	0.0484733	0.149389	-6.69394	0.100053	0.218768	-4.57105	2.54964	28.721	10.0131	1
cg10680940	SPRED1	0.10106	0.38988	1.16289	1.16289	0.0425379	0.670325	-1.49181	0.259762	0.817629	-1.22305	0.39427	0.861184	-1.16119	0.68968	0.933568	-1.07116	0.207724	1.25548	1.25548	0.111452	1.34573	1.34573	0.0913696	1.37491	1.37491	0.108506	1.34965	1.34965	2.54961	1.18451	0.412964	1
cg16599817	PRKCZ;PRKCZ;PRKCZ;PRKCZ	0.10106	0.291292	1.54767	1.54767	0.0230887	2.95524	2.95524	0.0384234	2.60303	2.60303	0.59139	1.24127	1.24127	0.598946	0.809237	-1.23573	0.220098	1.67238	1.67238	0.0269644	2.8427	2.8427	0.0734163	2.21698	2.21698	0.152565	1.84248	1.84248	2.5496	6.42339	2.23944	1
cg07825270	C5orf47	0.10106	0.596332	1.21561	1.21561	0.015751	0.339347	-2.94684	0.0852458	0.499102	-2.0036	0.194178	0.605513	-1.65149	0.453789	1.32142	1.32142	0.887085	0.949432	-1.05326	0.0605406	2.16609	2.16609	0.451548	0.755673	-1.32332	0.857503	0.936464	-1.06785	2.5496	5.38657	1.87797	1
cg16022748	LOC285456;RPL34;RPL34	0.101062	?	?	?	0.948833	1.04698	1.04698	?	?	?	0.0615143	0.215428	-4.64192	?	?	?	0.0516355	0.198472	-5.03848	0.662356	0.73008	-1.36971	0.0322744	0.158988	-6.28977	0.462713	1.70949	1.70949	2.81298	14.8778	6.17049	1
cg13745946	PPP1R13B	0.101062	0.750008	1.1284	1.1284	0.0490369	2.33767	2.33767	0.122862	1.88079	1.88079	0.14336	1.81166	1.81166	0.0725032	0.468949	-2.13243	0.349802	1.43862	1.43862	0.572028	0.805917	-1.24082	0.196847	1.67466	1.67466	0.128191	0.537176	-1.86159	2.54958	5.76603	2.01027	1
cg21175760	VAV2;VAV2	0.101063	0.103018	0.688595	-1.45223	0.138559	1.39593	1.39593	0.506852	1.15128	1.15128	0.302418	0.799731	-1.25042	0.00792171	0.490485	-2.0388	0.571873	0.887366	-1.12693	0.830003	0.956019	-1.046	0.179761	0.742265	-1.34723	0.346886	0.816585	-1.22461	2.54957	1.76701	0.616055	1
cg03426762	WDR46;WDR46	0.101063	0.102399	0.211395	-4.73048	0.00987203	0.0587245	-17.0287	0.0403555	0.127584	-7.83796	0.66938	0.688347	-1.45276	0.0823839	0.187698	-5.32771	0.178427	0.288504	-3.46616	0.090607	0.197693	-5.05835	0.747679	1.32397	1.32397	0.423905	0.491599	-2.03418	2.54957	30.5243	10.6421	1
cg18201671	TLR5	0.101064	0.0688486	0.387523	-2.58049	0.0760703	0.398913	-2.50681	0.0623943	0.376624	-2.65517	0.60316	0.783349	-1.27657	0.0423562	0.336713	-2.96989	0.369783	0.651282	-1.53543	0.0279731	0.298545	-3.34958	0.297117	1.65409	1.65409	0.744483	0.858767	-1.16446	2.54956	8.75215	3.05139	1
cg01352468	ANKRD13B;ANKRD13B	0.101065	?	?	?	0.524441	0.784414	-1.27484	0.0205417	0.349784	-2.85891	?	?	?	0.920731	1.03818	1.03818	0.300088	1.49816	1.49816	0.362342	0.702966	-1.42254	0.187431	1.69202	1.69202	0.0677177	0.462834	-2.1606	2.61175	4.55899	1.99493	1
cg24791601	KAZALD1	0.101066	0.140815	0.731931	-1.36625	0.730417	1.07052	1.07052	0.337106	1.21526	1.21526	0.199111	0.765449	-1.30642	0.7885	1.0544	1.0544	0.26533	0.795585	-1.25694	0.0308326	0.606816	-1.64795	0.0409829	1.59143	1.59143	0.405837	1.18238	1.18238	2.54954	1.56704	0.546345	1
cg08508227	C20orf166;MIR133A2	0.101069	0.472661	1.15468	1.15468	0.425558	1.17376	1.17376	0.130521	0.725039	-1.37924	0.879703	0.97062	-1.03027	0.018135	0.568377	-1.7594	0.0342272	1.62655	1.62655	0.858276	0.965418	-1.03582	0.27677	0.800326	-1.24949	0.67415	0.920107	-1.08683	2.54951	1.56545	0.545797	1
cg03062551	EXPH5;EXPH5;EXPH5	0.101069	0.541571	1.15833	1.15833	0.390526	0.811173	-1.23278	0.593335	0.879671	-1.13679	0.969048	1.00927	1.00927	0.832194	0.950783	-1.05176	0.925403	1.02253	1.02253	0.00220736	2.77449	2.77449	0.83998	0.95305	-1.04926	0.95673	0.987177	-1.01299	2.5495	2.2844	0.79646	1
cg26974281	MAPK14;MAPK14;MAPK14;MAPK14	0.101071	0.737499	0.945596	-1.05753	0.149192	1.29333	1.29333	0.0062765	1.80782	1.80782	0.108986	1.33733	1.33733	0.287902	1.2014	1.2014	0.904904	1.02007	1.02007	0.211062	0.803218	-1.24499	0.493029	1.12274	1.12274	0.225146	1.23597	1.23597	2.54949	1.11665	0.389326	1
cg08034990	GREB1	0.101071	0.149371	0.758539	-1.31832	0.0626797	1.45418	1.45418	0.0186098	0.600495	-1.66529	0.97945	0.995406	-1.00461	0.51671	0.889117	-1.12471	0.702785	0.933763	-1.07094	0.439973	0.868673	-1.15118	0.363747	0.846324	-1.18158	0.0421477	0.658026	-1.5197	2.54948	1.29033	0.449879	1
cg14359435	USP2;USP2	0.101072	0.0981794	9.59244	9.59244	0.211073	5.16752	5.16752	0.0250908	27.6961	27.6961	0.14191	7.15847	7.15847	0.77851	0.703656	-1.42115	0.128491	7.75182	7.75182	0.0253051	27.5126	27.5126	0.10675	8.98057	8.98057	0.0501955	16.1654	16.1654	2.54948	62.7327	21.8721	1
cg17575811	KCNQ1	0.101072	0.313641	0.84351	-1.18552	0.026026	0.649601	-1.53941	0.0430886	0.683805	-1.46241	0.0579088	1.41921	1.41921	0.696713	0.938038	-1.06605	0.850536	0.969664	-1.03129	0.151551	0.778078	-1.28522	0.688182	0.936242	-1.0681	0.183919	0.794372	-1.25886	2.54947	1.07682	0.375441	1
cg14059988	SND1;LRRC4	0.101074	0.865123	0.892346	-1.12064	0.282369	0.473102	-2.11371	0.406289	1.76686	1.76686	0.563603	0.676264	-1.47871	0.0820794	0.275079	-3.63532	0.205146	0.40834	-2.44894	0.00431753	0.0775962	-12.8872	0.72754	1.26408	1.26408	0.281372	0.472312	-2.11725	2.54945	18.125	6.31946	1
cg14094681	C14orf156;ALKBH1	0.101074	0.0872779	2.2716	2.2716	0.2559	1.67435	1.67435	0.505678	1.34111	1.34111	0.020273	0.296319	-3.37474	0.126885	0.487955	-2.04937	0.119659	0.480075	-2.08301	0.318796	0.63905	-1.56482	0.808652	1.1112	1.1112	0.705144	0.847718	-1.17964	2.54945	7.62597	2.65887	1
cg10670310	DTX1	0.101074	0.00372197	0.491912	-2.03289	0.637136	0.917566	-1.08984	0.817994	0.959122	-1.04262	0.97711	1.00521	1.00521	0.0436196	0.657024	-1.52201	0.336648	0.835797	-1.19646	0.146288	0.754	-1.32626	0.217613	0.790692	-1.26471	0.34955	0.839998	-1.19048	2.54945	1.32372	0.461529	1
cg24120597	PLEC1;PLEC1;PLEC1;MIR661;PLEC1;PLEC1;PLEC1	0.101076	0.0457465	0.733362	-1.36358	0.311831	1.1522	1.1522	0.583709	0.927806	-1.07781	0.369479	1.13292	1.13292	0.0493282	0.738024	-1.35497	0.0956552	0.780484	-1.28126	0.205651	0.834611	-1.19816	0.839904	1.02777	1.02777	0.0394138	0.724228	-1.38078	2.54943	0.740313	0.258118	1
cg15965913	PPPDE1	0.101078	0.862504	0.970922	-1.02995	0.121621	1.33066	1.33066	0.00307526	1.99341	1.99341	0.623431	1.08789	1.08789	0.155492	1.29528	1.29528	0.207926	1.25361	1.25361	0.79597	0.956849	-1.0451	0.945948	1.01161	1.01161	0.960556	1.00845	1.00845	2.54941	1.17007	0.407962	1
cg13258655	RPS8	0.101078	0.898883	0.960847	-1.04075	0.034846	0.461781	-2.16553	0.305797	0.716683	-1.39532	0.948508	0.979914	-1.0205	0.00967691	0.357559	-2.79674	0.264369	0.693864	-1.4412	0.0917991	0.558131	-1.79169	0.947099	0.97937	-1.02107	0.0474102	0.490393	-2.03918	2.5494	3.98513	1.38948	1
cg20608348	LOC100130872	0.101081	0.137006	1.47852	1.47852	0.0214409	1.96331	1.96331	0.036668	1.80882	1.80882	0.959903	0.987801	-1.01235	0.563178	0.867021	-1.15337	0.574892	0.870803	-1.14837	0.0955467	0.639536	-1.56363	0.865595	0.959488	-1.04222	0.930574	1.0215	1.0215	2.54938	2.40636	0.839022	1
cg18642271	GIPR	0.101085	0.122367	2.73571	2.73571	0.0386527	4.21904	4.21904	0.131985	2.6572	2.6572	0.891805	1.08525	1.08525	0.972318	0.979358	-1.02108	0.143459	2.57281	2.57281	0.0506627	0.262215	-3.81366	0.399716	1.67901	1.67901	0.0913053	3.0582	3.0582	2.54934	14.5888	5.08673	1
cg13683827	FAM113B	0.101094	0.0197228	0.194423	-5.14342	0.332767	0.56753	-1.76202	0.967686	0.977401	-1.02312	0.113417	0.373492	-2.67743	0.0131845	0.166146	-6.01879	0.417359	0.625491	-1.59874	0.139544	0.403567	-2.4779	0.0607521	0.296552	-3.37209	0.0924785	0.346281	-2.88783	2.71106	13.383	3.83945	1
cg18442187	TFAP2B	0.101095	0.719267	1.19761	1.19761	0.109018	2.39451	2.39451	0.302948	1.70422	1.70422	0.273427	0.565846	-1.76726	0.369614	0.631068	-1.58462	0.128419	2.27286	2.27286	0.189593	0.499475	-2.0021	0.0132337	4.63708	4.63708	0.923324	1.04927	1.04927	2.54922	10.0777	3.51399	1
cg26796083	ETV1;ETV1;ETV1;ETV1;ETV1;ETV1;ETV1	0.101095	0.0958237	0.293226	-3.41034	0.857534	1.12808	1.12808	0.442261	1.69123	1.69123	0.757708	0.81259	-1.23063	0.0588232	0.239001	-4.18409	0.686282	0.761606	-1.31302	0.289606	0.478461	-2.09004	0.0128243	7.94794	7.94794	0.970718	0.975682	-1.02492	2.54922	18.16	6.33223	1
cg17918090	RCC2;RCC2	0.101096	0.107056	2.22109	2.22109	0.539947	1.32506	1.32506	0.889492	0.938885	-1.06509	0.035949	3.02471	3.02471	0.606782	0.790184	-1.26553	0.296937	0.612307	-1.63317	0.597451	0.785268	-1.27345	0.0195142	3.59837	3.59837	0.108187	2.2144	2.2144	2.54921	8.30722	2.89666	1
cg19548859	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.101097	0.121847	0.412959	-2.42155	0.0343263	0.271985	-3.67668	0.00633844	0.153456	-6.51654	0.439144	0.659589	-1.5161	0.177267	0.469412	-2.13032	0.817302	0.885113	-1.1298	0.448403	0.665347	-1.50297	0.676394	1.24779	1.24779	0.742707	1.18973	1.18973	2.5492	11.2294	3.91561	1
cg20645530	DNAJB12;DNAJB12	0.101098	0.771053	0.897103	-1.1147	?	?	?	0.184996	1.68732	1.68732	0.0124011	3.18436	3.18436	?	?	?	0.283493	1.51386	1.51386	0.586203	0.815018	-1.22697	0.0649897	2.16216	2.16216	0.566164	0.805886	-1.24087	2.61138	4.45469	1.94957	1
cg03991807	FLOT1	0.101098	0.0832132	0.686079	-1.45756	0.0973394	1.42962	1.42962	0.383923	0.839131	-1.19171	0.958924	0.989933	-1.01017	0.705881	1.07733	1.07733	0.209643	0.771242	-1.29661	0.0400277	0.62737	-1.59396	0.537829	0.884661	-1.13038	0.0680368	1.49401	1.49401	2.54919	1.55812	0.543309	1
cg04229842	COIL	0.101099	0.0475743	0.749124	-1.33489	0.00707745	0.641695	-1.55837	0.169015	0.829611	-1.20538	0.0923205	0.789646	-1.26639	0.648545	0.943182	-1.06024	0.0544318	0.757151	-1.32074	0.645596	0.942678	-1.06081	0.582257	0.931629	-1.07339	0.149661	0.821263	-1.21764	2.54918	0.656063	0.228766	1
cg17174836	FAM55C;FAM55C	0.101099	0.048011	0.7333	-1.3637	0.237728	1.185	1.185	0.965673	0.994111	-1.00592	0.369075	0.881082	-1.13497	0.0525186	1.35331	1.35331	0.560312	0.92236	-1.08418	0.0363237	1.39653	1.39653	0.369299	0.881137	-1.1349	0.902291	1.017	1.017	2.54918	0.760431	0.265159	1
cg02609028	IDH2	0.101103	0.969637	0.993449	-1.00659	0.201703	1.26212	1.26212	0.155338	1.30025	1.30025	0.652193	1.0815	1.0815	0.815454	0.960433	-1.0412	0.035607	0.655496	-1.52556	0.0569728	0.689396	-1.45055	0.0626707	1.43578	1.43578	0.933101	0.985607	-1.0146	2.54913	1.20378	0.41976	1
cg11073602	CASZ1;CASZ1	0.101104	0.115844	0.567791	-1.76121	0.193902	0.634331	-1.57646	0.0608943	0.496781	-2.01296	0.397009	1.3327	1.3327	0.015906	0.376128	-2.65867	0.465235	1.27904	1.27904	0.238618	1.50491	1.50491	0.450716	0.77531	-1.28981	0.961314	1.01619	1.01619	2.54912	4.42745	1.54387	1
cg05182265	UBE3C	0.101104	0.0535767	0.188395	-5.30799	0.325211	0.461377	-2.16742	0.204498	0.360764	-2.77189	0.416605	0.531442	-1.88167	0.0848867	0.234373	-4.2667	0.213628	0.368932	-2.71053	0.0141731	0.0998048	-10.0196	0.0284802	0.13966	-7.16024	0.0529726	0.187388	-5.33653	2.54912	23.4079	8.16244	1
cg06653045	KCNJ2	0.101104	0.70051	1.11672	1.11672	0.0352129	0.496266	-2.01505	0.667737	1.13128	1.13128	0.647434	1.14056	1.14056	0.786529	1.08062	1.08062	0.720599	1.10803	1.10803	0.00698304	0.369119	-2.70915	0.16544	0.655364	-1.52587	0.932072	0.975943	-1.02465	2.54912	3.29389	1.1486	1
cg14783814	MIR137	0.101106	0.0899938	0.675977	-1.47934	0.893178	1.02855	1.02855	0.0299351	1.70784	1.70784	0.284338	0.792105	-1.26246	0.895285	0.972782	-1.02798	0.162156	0.731426	-1.36719	0.0263329	0.575779	-1.73678	0.929352	1.01876	1.01876	0.555777	0.882615	-1.133	2.5491	1.77284	0.618202	1
cg23878206	NUP62;ATF5;NUP62;NUP62;IL4I1;NUP62	0.101107	0.0303526	0.11384	-8.78425	0.846113	0.847157	-1.18042	0.198375	0.313372	-3.1911	0.160155	0.27776	-3.60023	0.0615872	0.165725	-6.03408	0.398617	0.478203	-2.09116	0.0183253	0.0868344	-11.5162	0.033923	0.120782	-8.27939	0.127276	0.244694	-4.08674	2.54909	29.4196	10.2589	1
cg04775232	PRC1;PRC1;PRC1	0.101108	0.027163	0.147147	-6.79591	0.250518	0.414801	-2.4108	0.137572	0.309768	-3.22822	0.165859	0.338594	-2.95339	0.0262255	0.144795	-6.90633	0.14475	0.31731	-3.15149	0.0202984	0.128669	-7.7719	0.736956	0.781099	-1.28025	0.0949747	0.260627	-3.8369	2.54908	21.6825	7.56088	1
cg22260869	SLCO3A1;SLCO3A1	0.101108	0.150006	2.65031	2.65031	0.0410166	4.43409	4.43409	0.107312	3.03485	3.03485	0.301259	1.96692	1.96692	0.0388467	4.52971	4.52971	0.0560447	3.92309	3.92309	0.0241217	5.46603	5.46603	0.0542864	3.97246	3.97246	0.193266	2.38577	2.38577	2.54908	16.1045	5.61581	1
cg08581737	DLX2	0.101108	0.633902	0.926755	-1.07903	0.00918549	1.68949	1.68949	0.832655	1.03412	1.03412	0.787966	1.04367	1.04367	0.0784152	0.733482	-1.36336	0.968187	0.993697	-1.00634	0.452584	1.12898	1.12898	0.0616936	1.39606	1.39606	0.752158	0.951013	-1.05151	2.54908	1.01478	0.353862	1
cg14650175	EIF2C2;EIF2C2	0.101109	0.0223799	0.435951	-2.29383	0.041467	2.04084	2.04084	0.91973	1.03105	1.03105	0.52078	0.820796	-1.21833	0.761557	1.09673	1.09673	0.0888151	0.565824	-1.76733	0.357539	0.750456	-1.33252	0.259572	1.42879	1.42879	0.633049	1.15712	1.15712	2.54907	3.71615	1.29586	1
cg22818988	TRNT1	0.101109	0.201044	1.11592	1.11592	0.030275	1.22984	1.22984	0.217248	1.1112	1.1112	0.565654	0.953928	-1.0483	0.841435	1.0164	1.0164	0.489846	1.05863	1.05863	0.0342889	0.818256	-1.22211	0.233608	0.903543	-1.10675	0.353219	0.925346	-1.08068	2.54907	0.266343	0.0928769	1
cg14273219	PPP1R3F	0.10111	0.0622358	0.185573	-5.38872	0.0304574	0.129924	-7.69682	0.167715	0.307312	-3.25403	0.378908	2.0634	2.0634	0.0810012	0.211731	-4.72297	0.939912	0.9413	-1.06236	0.456153	1.83858	1.83858	0.135537	0.275033	-3.63593	0.0631947	0.186994	-5.34775	2.54906	25.9937	9.06431	1
cg08457178	IER3;FLOT1	0.10111	0.115764	2.15461	2.15461	0.8054	1.11721	1.11721	0.419103	1.44872	1.44872	0.893097	1.06223	1.06223	0.0552057	2.65363	2.65363	0.0633968	2.55312	2.55312	0.0185695	3.60236	3.60236	0.0189325	3.58259	3.58259	0.72658	1.17073	1.17073	2.54905	8.13891	2.83815	1
cg18720828	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.101114	0.418905	0.690582	-1.44805	0.164322	0.514217	-1.9447	0.844246	0.915606	-1.09217	0.366326	1.5159	1.5159	0.00512499	0.190616	-5.24614	0.735717	1.16399	1.16399	0.300223	0.618043	-1.61801	0.195758	1.84646	1.84646	0.995348	0.99739	-1.00262	2.54901	8.11123	2.82854	1
cg02588777	C7orf49;C7orf49;C7orf49	0.101117	0.219802	0.60817	-1.64428	0.00344611	0.216325	-4.62268	0.704954	1.15791	1.15791	0.948713	1.0251	1.0251	0.424853	1.36904	1.36904	0.98983	1.00492	1.00492	0.192204	0.587408	-1.70239	0.563859	0.798613	-1.25217	0.195683	0.590122	-1.69457	2.54898	5.99709	2.09133	1
cg08484188	HIVEP3;HIVEP3	0.101119	0.159274	0.529634	-1.8881	0.154113	0.524854	-1.90529	0.76705	0.882038	-1.13374	0.23776	0.593006	-1.68632	0.0156649	0.286008	-3.49641	0.522021	0.760193	-1.31546	0.00780471	0.236215	-4.23344	0.296826	0.633163	-1.57937	0.149802	0.520783	-1.92019	2.54896	7.20718	2.51333	1
cg09356141	LALBA	0.101122	0.189563	0.318893	-3.13585	0.225459	0.350983	-2.84914	0.114603	0.243809	-4.10158	0.258333	0.379064	-2.63807	0.0564475	0.169259	-5.90812	0.726529	0.749165	-1.33482	0.00647815	0.0544184	-18.3761	0.110441	0.239142	-4.18162	0.0615497	0.176914	-5.65246	2.54892	27.3083	9.52324	1
cg10306079	FOXO3;FOXO3	0.101126	0.114883	0.598381	-1.67118	0.54597	1.20085	1.20085	0.735376	1.10695	1.10695	0.44846	0.79344	-1.26033	0.262305	0.704624	-1.4192	0.262154	0.70454	-1.41937	0.00477981	0.325676	-3.07054	0.0725478	0.548743	-1.82235	0.725312	0.899726	-1.11145	2.54889	3.62173	1.26303	1
cg16301768	AP2M1;AP2M1	0.101126	0.464949	1.29744	1.29744	0.0444356	2.24393	2.24393	0.130953	1.77007	1.77007	0.766249	1.11003	1.11003	0.575291	0.820204	-1.21921	0.163987	0.594514	-1.68205	0.0783955	0.504303	-1.98293	0.0535146	2.15504	2.15504	0.52502	1.25299	1.25299	2.54889	4.94906	1.72592	1
cg18127682	EPHA7	0.101127	0.100366	1.47412	1.47412	0.929493	1.01926	1.01926	0.597782	1.12163	1.12163	0.681419	1.09307	1.09307	0.350872	0.81302	-1.22998	0.245336	0.769532	-1.29949	0.00710625	2.11637	2.11637	0.17616	1.36348	1.36348	0.5023	0.863477	-1.15811	2.54887	1.87622	0.654309	1
cg10972353	SCD5;SCD5;SCD5;SCD5	0.101128	0.453114	1.22245	1.22245	0.0374855	1.8859	1.8859	0.11531	1.56822	1.56822	0.304468	1.32244	1.32244	0.0721756	1.6945	1.6945	0.547393	1.17352	1.17352	0.0951619	0.617625	-1.61911	0.647112	0.885919	-1.12877	0.162726	0.675955	-1.47939	2.54886	2.78803	0.972296	1
cg02819851	RBM4	0.101129	0.100942	0.669493	-1.49367	0.919797	1.02275	1.02275	0.537541	1.14962	1.14962	0.456541	1.18455	1.18455	0.00412832	0.423552	-2.36098	0.222083	0.750797	-1.33192	0.32503	0.796929	-1.25482	0.878545	1.03475	1.03475	0.858981	0.961057	-1.04052	2.54885	2.01381	0.702299	1
ch.1.3897073R	NAV1;NAV1	0.10113	0.0353513	0.555109	-1.80145	0.593844	0.878722	-1.13802	0.00824811	0.444177	-2.25135	0.0777498	0.624464	-1.60137	0.689022	0.907898	-1.10144	0.486349	0.843755	-1.18518	0.964145	0.989261	-1.01086	0.434168	1.21128	1.21128	0.615433	1.12937	1.12937	2.54884	2.32896	0.812208	1
cg22124673	GRSF1;GRSF1	0.10113	0.0450034	0.681918	-1.46645	0.58452	1.09625	1.09625	0.0156519	1.63741	1.63741	0.25052	0.818871	-1.22119	0.812233	1.0404	1.0404	0.405734	0.868001	-1.15207	0.203296	0.799724	-1.25043	0.393738	1.15649	1.15649	0.537949	0.901417	-1.10936	2.54884	1.11805	0.389913	1
cg12110980	EPS8L2	0.101131	0.253021	0.632663	-1.58062	0.0671532	2.19635	2.19635	0.266708	1.55855	1.55855	0.385917	1.40616	1.40616	0.222004	0.611282	-1.63591	0.312413	0.66984	-1.49289	0.0354423	0.390982	-2.55766	0.135541	1.85319	1.85319	0.560214	0.79781	-1.25343	2.54883	5.93634	2.07026	1
cg06644634	CGB5	0.101132	0.314078	1.30777	1.30777	0.112075	0.640235	-1.56193	0.09889	0.627299	-1.59414	0.298714	0.757594	-1.31997	0.115271	0.643191	-1.55475	0.551912	0.856318	-1.16779	0.512957	0.842817	-1.1865	0.00558522	0.391422	-2.55479	0.638085	0.885052	-1.12988	2.54882	2.6814	0.935128	1
cg07490142	FLJ39582;THAP7;FLJ39582;THAP7	0.101133	0.225788	0.832571	-1.2011	0.503745	0.906884	-1.10268	0.832777	0.970002	-1.03093	0.415816	0.887094	-1.12728	0.257965	1.18535	1.18535	0.693086	1.05881	1.05881	0.00664638	0.602071	-1.66093	0.29441	0.855001	-1.16959	0.139198	1.25768	1.25768	2.54881	0.837659	0.292131	1
cg26775843	NUDT9;NUDT9	0.101134	0.0608649	0.66124	-1.51231	0.233107	1.27731	1.27731	0.0460481	1.56449	1.56449	0.564565	1.12076	1.12076	0.702901	1.07791	1.07791	0.980685	0.995272	-1.00475	0.029273	0.604864	-1.65326	0.328104	0.820686	-1.21849	0.769277	1.05927	1.05927	2.5488	1.54707	0.539537	1
cg10377153	PTPDC1;PTPDC1	0.101138	0.754573	1.09972	1.09972	0.675588	1.13606	1.13606	0.574115	1.18781	1.18781	0.10753	1.70298	1.70298	0.215016	0.673278	-1.48527	0.0279243	0.455056	-2.19753	0.422498	0.780101	-1.28189	0.0711281	0.542796	-1.84231	0.125343	1.65336	1.65336	2.54875	3.70849	1.29335	1
cg03552688	BPESC1	0.101139	0.337597	0.703675	-1.42111	0.434198	0.753013	-1.328	0.234932	0.642385	-1.5567	0.594805	0.826262	-1.21027	0.01919	0.365202	-2.73821	0.00425079	0.256619	-3.89682	0.833054	0.927708	-1.07793	0.6578	0.853441	-1.17173	0.541813	0.802884	-1.24551	2.54875	5.10145	1.77916	1
cg13005910	UBE2D2;UBE2D2	0.101141	0.310579	0.817484	-1.22326	0.0381503	0.630293	-1.58656	0.516337	0.881267	-1.13473	0.145941	1.34963	1.34963	0.593873	1.10891	1.10891	0.104949	1.4054	1.4054	0.0410946	0.635912	-1.57254	0.378084	1.18971	1.18971	0.821024	0.957411	-1.04448	2.54873	1.48921	0.519375	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00322942	HELQ;MRPS18C	0.101142	0.991384	0.998353	-1.00165	0.0574066	1.38828	1.38828	0.725332	0.94758	-1.05532	0.729273	1.05446	1.05446	0.910324	1.01735	1.01735	0.095893	0.756428	-1.322	0.0177642	0.644049	-1.55268	0.344695	1.16017	1.16017	0.191002	1.23533	1.23533	2.54871	0.940504	0.328011	1
cg11436222	HIST1H3E	0.101145	0.0804358	6.83541	6.83541	0.0918483	6.29431	6.29431	0.0856649	6.57331	6.57331	0.136753	4.89859	4.89859	0.0916752	6.30172	6.30172	0.089835	6.38181	6.38181	0.033268	11.7813	11.7813	0.0412124	10.324	10.324	0.0360458	11.2124	11.2124	2.54868	39.6614	13.8325	1
cg05485853	CDC42BPG	0.101145	0.016269	0.526827	-1.89816	0.640476	1.10804	1.10804	0.968421	0.991403	-1.00867	0.0570276	1.59947	1.59947	0.953888	0.987467	-1.01269	0.777173	0.939992	-1.06384	0.0542059	0.620923	-1.6105	0.256124	0.772174	-1.29504	0.576585	1.13093	1.13093	2.54868	1.92023	0.66971	1
cg26102599	ZNF204P;ZNF204P	0.101146	0.603162	1.18566	1.18566	0.0319756	0.44221	-2.26137	0.0357546	0.452314	-2.21085	0.521219	1.23506	1.23506	0.0364155	0.453991	-2.20269	0.619945	1.17624	1.17624	0.125791	0.583974	-1.71241	0.197765	0.642728	-1.55587	0.385942	0.749314	-1.33455	2.54867	4.2557	1.48425	1
cg23890469	MMRN2	0.101147	0.0157186	0.519578	-1.92464	0.277096	0.778793	-1.28404	0.382584	0.820334	-1.21902	0.57286	1.1343	1.1343	0.0177359	0.528486	-1.8922	0.566575	1.1367	1.1367	0.0813005	0.652207	-1.53326	0.867733	1.03755	1.03755	0.788716	0.942325	-1.0612	2.54866	1.97453	0.688651	1
cg23917057	FOXI3	0.101153	0.186828	2.80474	2.80474	0.777628	1.23205	1.23205	0.231586	2.52135	2.52135	0.929957	0.937257	-1.06694	0.396445	0.527276	-1.89654	0.455973	0.571427	-1.75	0.220956	2.5815	2.5815	0.00384065	17.6696	17.6696	0.810211	1.19402	1.19402	2.54859	21.9272	7.6477	1
cg13689699	RXRA	0.101156	0.481333	0.65196	-1.53384	0.0644438	0.288932	-3.46102	0.0472197	0.257421	-3.88468	0.146156	0.393612	-2.54057	0.0748041	0.30543	-3.27407	0.185142	0.431767	-2.31606	0.00779707	0.129831	-7.70231	0.521922	0.678464	-1.47392	0.992118	0.994114	-1.00592	2.54856	14.4178	5.02865	1
cg26748394	RNF114	0.101157	0.503151	0.889793	-1.12386	0.765272	0.949847	-1.0528	0.00889483	0.56436	-1.77192	0.306398	0.833622	-1.19958	0.107534	0.73946	-1.35234	0.909543	1.01972	1.01972	0.0116209	0.581533	-1.71959	0.6641	0.927664	-1.07798	0.603677	0.913932	-1.09417	2.54855	1.19199	0.415744	1
cg04623297	RFX8	0.101158	0.88102	0.937847	-1.06627	0.0139033	0.272003	-3.67643	0.406814	0.6952	-1.43844	0.631934	1.22969	1.22969	0.0889208	0.447605	-2.23411	0.22781	0.581368	-1.72008	0.0356738	0.350835	-2.85034	0.600992	1.25367	1.25367	0.328478	1.54052	1.54052	2.54853	7.40875	2.58406	1
cg27413385	FXR2	0.10116	0.489963	0.767832	-1.30237	0.0147098	3.09931	3.09931	0.0788172	2.08608	2.08608	0.733245	1.13754	1.13754	0.255358	0.639324	-1.56415	0.575207	0.807917	-1.23775	0.078766	0.479296	-2.08639	0.592096	1.22599	1.22599	0.558194	1.24991	1.24991	2.54852	5.72817	1.99791	1
cg23019125	RPTOR;RPTOR	0.10116	0.16386	0.537198	-1.86151	0.155064	1.88975	1.88975	0.627028	1.22729	1.22729	0.406106	0.700835	-1.42687	0.0103788	0.259216	-3.85779	0.727429	1.15761	1.15761	0.947916	1.0277	1.0277	0.83061	1.09374	1.09374	0.0544117	0.401371	-2.49146	2.54851	7.06099	2.46279	1
cg03896432	LOC389493	0.101161	0.756389	1.07288	1.07288	0.0710903	0.633949	-1.57741	0.00516373	0.433981	-2.30425	0.212216	0.743011	-1.34587	0.776863	0.937788	-1.06634	0.818818	1.05324	1.05324	0.330362	1.25491	1.25491	0.22582	0.750115	-1.33313	0.784168	0.939823	-1.06403	2.5485	2.06263	0.719421	1
cg01778842	LOC401127	0.101162	0.0344949	0.604508	-1.65424	0.00390726	0.452508	-2.2099	0.920249	0.979765	-1.02065	0.52844	0.877767	-1.13925	0.756151	1.06565	1.06565	0.684936	0.920104	-1.08683	0.66121	0.913912	-1.0942	0.169878	0.741969	-1.34777	0.791631	0.947384	-1.05554	2.54849	1.68192	0.586637	1
cg19199378	EXPH5	0.101162	0.932833	0.989059	-1.01106	0.0639358	0.762043	-1.31226	0.00694955	0.633955	-1.5774	0.0407468	0.734713	-1.36107	0.682127	0.947676	-1.05521	0.656183	0.943201	-1.06022	0.645915	0.941412	-1.06223	0.0740768	0.771222	-1.29664	0.245829	0.853504	-1.17164	2.54849	0.687444	0.239774	1
cg23258940	NAT14;ZNF628	0.101163	0.262038	0.722038	-1.38497	0.529074	0.837302	-1.19431	0.0198218	2.18878	2.18878	0.376992	1.28717	1.28717	0.694072	0.895759	-1.11637	0.698188	0.89717	-1.11462	0.0404789	0.517403	-1.93273	0.788292	0.92779	-1.07783	0.116695	1.60746	1.60746	2.54848	3.12994	1.0917	1
cg07720851	KIAA0182;KIAA0182	0.101164	0.0265985	0.247495	-4.04048	0.873518	0.918836	-1.08833	0.438313	1.52203	1.52203	0.525205	0.710288	-1.40788	0.0306486	0.259425	-3.85468	0.252575	0.529945	-1.88699	0.0217922	0.231571	-4.31834	0.162261	0.45258	-2.20955	0.232355	0.514027	-1.94542	2.54847	11.3948	3.97444	1
cg21340143	CHD7	0.101165	0.087029	0.436024	-2.29345	0.861313	0.926067	-1.07983	0.719611	0.853562	-1.17156	0.732921	1.16236	1.16236	0.00891283	0.231861	-4.31292	0.549081	0.766221	-1.30511	0.0992147	0.4521	-2.2119	0.774075	1.13476	1.13476	0.03135	0.329813	-3.03203	2.54846	7.78721	2.71614	1
cg04373117	MYH10	0.101167	0.172708	0.668836	-1.49513	0.0115771	0.416864	-2.39887	0.216646	0.697443	-1.43381	0.245164	0.713953	-1.40065	0.0102392	0.407743	-2.45253	0.262758	0.723523	-1.38213	0.188655	0.679747	-1.47114	0.749086	0.914898	-1.09302	0.145025	0.648046	-1.5431	2.54844	3.10065	1.0815	1
cg01062126	SNRNP25;POLR3K	0.101169	0.0289101	0.466562	-2.14334	0.895263	0.961768	-1.03975	0.815487	0.933157	-1.07163	0.61589	0.860962	-1.16149	0.190883	0.663717	-1.50667	0.679026	0.884131	-1.13105	0.961879	1.01425	1.01425	0.97165	0.989538	-1.01057	0.00402089	0.31862	-3.13854	2.54842	3.53534	1.23313	1
cg27528032	C15orf60	0.101169	0.195489	0.363801	-2.74876	0.0271933	0.140003	-7.14272	0.0352761	0.158965	-6.29069	0.103255	0.266279	-3.75546	0.206397	0.373857	-2.67482	0.0428926	0.174732	-5.72305	0.0342852	0.15678	-6.37835	0.0763655	0.230418	-4.33993	0.0741165	0.227146	-4.40246	2.71013	22.5274	6.46513	1
cg00486259	SH3D19;SH3D19;SH3D19	0.101169	0.0739686	0.367569	-2.72058	0.763142	0.859079	-1.16404	0.560027	1.34471	1.34471	0.994875	0.996777	-1.00323	0.0150417	0.22271	-4.49015	0.298311	0.581694	-1.71912	0.0821225	0.379843	-2.63267	0.144715	2.19736	2.19736	0.197687	0.50444	-1.9824	2.54841	10.1941	3.55571	1
cg27347290	NEU1;SLC44A4	0.101169	0.357571	1.13551	1.13551	0.048411	1.35377	1.35377	0.24207	1.17875	1.17875	0.980543	1.00328	1.00328	0.504929	0.913134	-1.09513	0.00955755	0.643533	-1.55392	0.67728	1.05782	1.05782	0.739287	1.04588	1.04588	0.524136	0.916949	-1.09057	2.54841	0.728115	0.253967	1
cg24337497	CENPQ;MUT;CENPQ	0.101171	0.166321	3.05496	3.05496	0.259603	0.411968	-2.42737	?	?	?	0.284836	0.43293	-2.30984	0.0145329	0.0970837	-10.3004	0.584514	1.51333	1.51333	0.668331	1.38155	1.38155	0.140735	3.32204	3.32204	0.478223	1.71865	1.71865	2.73667	21.1698	6.76865	1
cg13101841	BAT4;BAT4;CSNK2B	0.101171	0.134671	0.782791	-1.27748	0.302607	1.17603	1.17603	0.659732	1.06959	1.06959	0.982357	0.996648	-1.00336	0.798629	0.961927	-1.03958	0.83927	0.969635	-1.03132	0.532437	0.908455	-1.10077	0.00482469	1.76423	1.76423	0.204147	1.22565	1.22565	2.54839	0.930485	0.324556	1
cg13942604	PSMA1;PSMA1;PSMA1	0.101173	0.996322	0.999118	-1.00088	0.102925	1.40723	1.40723	0.218129	1.28152	1.28152	0.108717	1.39792	1.39792	0.0774283	1.45624	1.45624	0.223187	1.27771	1.27771	0.0484548	0.649408	-1.53986	0.287523	0.809413	-1.23546	0.218127	1.28152	1.28152	2.54837	1.47975	0.516147	1
cg09571603	SNORA15;CCT6A;CCT6A	0.101174	0.138844	0.459107	-2.17814	0.280758	0.578218	-1.72945	0.440079	0.680635	-1.46922	0.441457	0.681455	-1.46745	0.00429814	0.15478	-6.46078	0.0587859	0.35241	-2.8376	0.0869822	0.397116	-2.51815	0.483249	0.705994	-1.41644	0.117331	0.435545	-2.29598	2.54836	9.63588	3.36107	1
cg04063936	FAM38A	0.10118	0.697277	0.925102	-1.08096	0.106112	1.42116	1.42116	0.180485	1.3274	1.3274	0.0451265	1.58059	1.58059	0.245823	0.785268	-1.27345	0.37027	1.2011	1.2011	0.607573	0.901984	-1.10867	0.013448	1.83943	1.83943	0.811947	1.04861	1.04861	2.5483	1.60071	0.558356	1
cg04366815	NCRNA00093;DNMBP	0.10118	0.863064	0.944636	-1.05861	0.374446	1.35091	1.35091	0.667865	1.15306	1.15306	0.17492	1.60965	1.60965	0.0212685	0.40115	-2.49283	0.216518	0.651121	-1.53581	0.0849289	0.533372	-1.87486	0.103103	1.80088	1.80088	0.552561	0.820178	-1.21925	2.5483	4.39324	1.53244	1
cg10559803	RALGPS2	0.101182	0.0786633	0.587093	-1.70331	0.394797	0.788468	-1.26828	0.410201	0.794807	-1.25817	0.506101	1.20198	1.20198	0.00567938	0.371827	-2.68942	0.733539	0.911032	-1.09766	0.178847	0.677436	-1.47615	0.534097	1.18734	1.18734	0.116067	0.627673	-1.59319	2.54827	3.00107	1.04683	1
cg27425612	LAD1	0.101183	0.0502255	20.8825	20.8825	0.055004	19.3381	19.3381	0.131168	9.19557	9.19557	0.117714	10.1036	10.1036	0.226676	5.62957	5.62957	0.0671571	16.3314	16.3314	0.0366116	27.2839	27.2839	0.0559489	19.0616	19.0616	0.0369036	27.101	27.101	2.54827	74.7965	26.0906	1
cg16810519	RAB2A	0.101185	0.131733	1.15495	1.15495	0.482447	1.06525	1.06525	0.185862	1.13224	1.13224	0.883847	1.01303	1.01303	0.808349	0.978714	-1.02175	0.358069	0.919726	-1.08728	0.676409	0.963518	-1.03786	0.0238641	1.26961	1.26961	0.0131642	1.31281	1.31281	2.54824	0.316383	0.110362	1
cg24503407	PM20D1	0.101186	0.251301	1.49471	1.49471	0.0112448	2.90077	2.90077	0.474014	1.27657	1.27657	0.470249	0.781661	-1.27933	0.0576616	2.05406	2.05406	0.231538	1.5232	1.5232	0.484082	0.787834	-1.2693	0.0540578	2.08186	2.08186	0.266333	1.4746	1.4746	2.54823	4.53846	1.58313	1
cg24755996	COLEC11;COLEC11	0.101186	0.858598	1.08549	1.08549	0.0107676	4.36574	4.36574	0.0340822	3.11946	3.11946	0.963474	1.02129	1.02129	0.1236	0.464318	-2.15369	0.894699	0.940904	-1.06281	0.427242	1.45189	1.45189	0.205819	1.84764	1.84764	0.853735	1.0886	1.0886	2.54823	8.53936	2.97875	1
cg01059609	DIAPH1;DIAPH1	0.101186	0.166974	1.36731	1.36731	0.135643	0.710711	-1.40704	0.239615	1.29884	1.29884	0.283595	1.26687	1.26687	0.26781	0.782623	-1.27775	0.640656	0.904998	-1.10498	0.0109487	0.507619	-1.96998	0.805446	1.0538	1.0538	0.615618	1.11348	1.11348	2.54823	1.81966	0.634744	1
cg08582182	CUX1;CUX1;CUX1	0.101187	0.618842	0.876133	-1.14138	0.352061	0.776852	-1.28725	0.801316	1.06874	1.06874	0.228039	0.716333	-1.396	0.691764	1.11079	1.11079	0.00539887	0.380736	-2.62649	0.160298	1.48514	1.48514	0.289627	1.33617	1.33617	0.880438	1.04048	1.04048	2.54821	2.80573	0.978717	1
cg14653593	CYTH1;CYTH1	0.101188	0.821231	0.882654	-1.13295	0.0144937	5.26606	5.26606	0.0415973	3.65353	3.65353	0.0577749	3.26471	3.26471	0.343013	1.7139	1.7139	0.286808	1.84045	1.84045	0.091066	2.79136	2.79136	0.0461027	3.52708	3.52708	0.510749	1.44471	1.44471	2.54821	12.2758	4.28215	1
cg02995045	ACOT7;ACOT7;ACOT7;ACOT7	0.101197	0.0250571	0.227321	-4.39907	0.18831	0.460818	-2.17006	0.0803759	0.340287	-2.93869	0.155007	0.429197	-2.32993	0.0178815	0.201963	-4.95141	0.881136	1.08671	1.08671	0.07525	0.332587	-3.00674	0.481103	0.671655	-1.48886	0.0765241	0.33453	-2.98926	2.54811	12.4656	4.34853	1
cg02135859	LOC643387;LOC151174;LOC151174	0.101198	0.18533	1.62571	1.62571	0.00730026	3.30986	3.30986	0.0219578	2.58797	2.58797	0.144411	1.72017	1.72017	0.64858	1.17204	1.17204	0.55286	1.23086	1.23086	0.332711	1.413	1.413	0.579486	0.823945	-1.21367	0.267794	1.49088	1.49088	2.5481	4.83043	1.68506	1
cg17348730	PDS5A;PDS5A;PDS5A	0.101198	0.310044	1.13552	1.13552	0.979183	0.996848	-1.00316	0.218847	1.16937	1.16937	0.149161	1.20581	1.20581	0.1	1.24366	1.24366	0.478815	1.09102	1.09102	0.0279626	0.730394	-1.36912	0.0930995	0.799707	-1.25046	0.403064	1.10908	1.10908	2.54809	0.590726	0.206071	1
cg20199739	SLC35F2	0.1012	0.101348	0.663115	-1.50803	0.0175663	0.515964	-1.93812	0.419296	0.827805	-1.20801	0.384841	0.815433	-1.22634	0.0549727	0.60753	-1.64601	0.189459	1.37479	1.37479	0.861984	1.04065	1.04065	0.533829	0.865627	-1.15523	0.237606	1.32752	1.32752	2.54808	2.11636	0.738285	1
cg09695362	LOC100133991	0.101204	0.19712	0.461671	-2.16604	0.573433	1.38052	1.38052	0.36502	1.69484	1.69484	0.175642	0.442072	-2.26207	0.18251	0.448465	-2.22983	0.418612	0.625954	-1.59756	0.00450331	0.116927	-8.55235	0.264834	0.51751	-1.93233	0.389388	0.606542	-1.64869	2.54803	12.9661	4.52327	1
cg12962021	LIN9	0.101205	0.863188	0.935753	-1.06866	0.036101	2.55597	2.55597	0.0260441	2.76461	2.76461	0.675	0.850136	-1.17628	0.145933	0.548251	-1.82398	0.115736	0.517745	-1.93145	0.655125	0.841064	-1.18897	0.416281	0.726242	-1.37695	0.914178	1.04238	1.04238	2.54803	5.98196	2.08683	1
cg26736099	CSHL1;CSHL1;CSHL1;CSHL1	0.101206	0.814336	1.05056	1.05056	0.0979659	0.683438	-1.46319	0.0667872	0.649921	-1.53865	0.821983	1.04838	1.04838	0.184845	0.744631	-1.34295	0.304978	0.800332	-1.24948	0.0167558	0.54218	-1.84441	0.146692	1.38625	1.38625	0.627463	1.10798	1.10798	2.54801	1.77409	0.618903	1
cg16310717	CCND2	0.101207	0.50816	0.645546	-1.54908	0.914188	0.932137	-1.0728	0.747125	0.80984	-1.23481	0.153282	0.368997	-2.71005	0.429764	0.591271	-1.69127	0.323648	1.94371	1.94371	0.0105106	8.15888	8.15888	0.842758	1.13824	1.13824	0.0610335	0.252483	-3.96066	2.548	17.1528	5.98387	1
cg27014538	KLHL14	0.101212	0.0301043	0.208963	-4.78554	0.35961	1.78274	1.78274	0.0744722	0.295293	-3.38647	0.541791	1.46096	1.46096	0.718803	0.800966	-1.24849	0.531339	0.6776	-1.4758	0.0990089	0.329508	-3.03483	0.057224	3.74514	3.74514	0.906026	0.930075	-1.07518	2.54795	15.2038	5.30408	1
cg13471791	BAT2L1	0.101213	0.0896393	0.729638	-1.37054	0.692427	0.935221	-1.06927	0.00739709	0.559173	-1.78836	0.811773	1.04101	1.04101	0.571385	0.908144	-1.10115	0.104068	0.741289	-1.349	0.461908	1.13446	1.13446	0.390731	0.862307	-1.15968	0.057326	0.696146	-1.43648	2.54793	1.14508	0.399479	1
cg24787081	CDKN2AIP	0.101216	0.917641	0.987456	-1.0127	0.709201	1.04678	1.04678	0.00969357	1.49091	1.49091	0.0939043	0.798675	-1.25207	0.874824	1.01943	1.01943	0.792548	0.968343	-1.03269	0.981295	0.997143	-1.00287	0.33323	1.12954	1.12954	0.0437841	1.32689	1.32689	2.5479	0.601044	0.209687	1
cg06534285	PMS2L3	0.101218	0.466914	0.891953	-1.12114	0.0332667	1.46863	1.46863	0.0895742	1.3352	1.3352	0.615322	0.924729	-1.0814	0.534333	0.907372	-1.10208	0.249032	0.830197	-1.20453	0.0365757	0.687143	-1.4553	0.428274	1.13305	1.13305	0.489875	1.11442	1.11442	2.54788	0.962654	0.335845	1
cg23933289	FAM20B	0.101223	0.0364948	0.528635	-1.89166	0.0546261	1.77136	1.77136	0.327533	1.30351	1.30351	0.678538	1.1155	1.1155	0.519172	0.842502	-1.18694	0.175905	0.685636	-1.4585	0.388637	1.26075	1.26075	0.468033	1.21366	1.21366	0.0793668	0.600055	-1.66652	2.54782	2.77532	0.96826	1
cg10001534	FAM108A1;FAM108A1	0.101227	0.043518	0.693128	-1.44274	0.953335	0.990802	-1.00928	0.250032	0.827114	-1.20902	0.606019	0.921131	-1.08562	0.0418857	0.690534	-1.44816	0.386736	0.86927	-1.15039	0.0418634	1.44823	1.44823	0.15025	0.783868	-1.27572	0.670311	1.06996	1.06996	2.54779	1.00611	0.35102	1
cg14736108	SBK2	0.101233	0.387703	0.772	-1.29534	0.620513	1.15705	1.15705	0.464754	0.804558	-1.24292	0.739025	0.906903	-1.10265	0.174808	0.655852	-1.52473	0.266765	1.40239	1.40239	0.0179363	2.31796	2.31796	0.0385778	0.496415	-2.01444	0.598684	1.16792	1.16792	2.54772	3.44699	1.20264	1
cg17972058	SLAMF8	0.101237	0.478704	0.793955	-1.25952	0.639801	0.859846	-1.163	0.00962889	0.349999	-2.85715	0.614393	0.849802	-1.17674	0.0145446	0.381249	-2.62296	0.617245	1.17518	1.17518	0.370259	1.34282	1.34282	0.575903	0.834389	-1.19848	0.417732	0.766971	-1.30383	2.54767	4.14141	1.44495	1
cg10521267	ZNF684	0.10124	0.345366	0.810743	-1.23344	0.0344601	1.70308	1.70308	0.635295	1.10865	1.10865	0.467341	1.17311	1.17311	0.0301865	0.576799	-1.73371	0.310547	1.25422	1.25422	0.346251	0.811074	-1.23293	0.125996	1.42961	1.42961	0.53583	0.87341	-1.14494	2.54764	1.88043	0.656095	1
cg25664403	SHBG;SHBG;SHBG;SHBG;SHBG;SHBG	0.101242	0.0392499	0.419486	-2.38387	0.011597	0.316862	-3.15594	0.0799128	0.492791	-2.02926	0.256307	0.649521	-1.5396	0.0432933	0.428897	-2.33156	0.065517	0.471047	-2.12293	0.209928	0.618041	-1.61802	0.268109	0.656986	-1.5221	0.355162	0.707232	-1.41396	2.54762	5.35138	1.86715	1
cg04820159	AKT1;AKT1;AKT1	0.101244	0.0523038	4.22147	4.22147	0.0997883	3.24445	3.24445	0.0137372	7.30068	7.30068	0.530406	1.51393	1.51393	0.18047	2.52946	2.52946	0.503863	1.55678	1.55678	0.175455	0.390572	-2.56035	0.133687	2.87342	2.87342	0.289852	2.04796	2.04796	2.5476	17.1799	5.99426	1
cg05931312	NEK5	0.101248	0.280752	0.800636	-1.24901	0.00649386	2.01701	2.01701	0.916153	1.02111	1.02111	0.700038	1.0798	1.0798	0.216349	0.772584	-1.29436	0.191775	0.76029	-1.31529	0.661539	0.916341	-1.0913	0.22086	1.29077	1.29077	0.840018	0.960707	-1.0409	2.54755	1.58693	0.55371	1
cg10208934	ZNF512;C2orf16	0.101249	0.587532	1.51346	1.51346	0.0507949	0.185673	-5.38581	0.337379	0.473133	-2.11357	0.93085	1.06788	1.06788	0.00797733	0.0762929	-13.1074	0.197709	0.356926	-2.8017	0.0524239	0.188447	-5.30652	0.893407	1.10676	1.10676	0.431355	0.544613	-1.83617	2.54754	23.1001	8.0601	1
cg17023419	CEMP1;CEMP1	0.101251	0.144935	0.66897	-1.49484	0.0223797	2.01923	2.01923	0.847514	0.951766	-1.05068	0.0668419	1.6949	1.6949	0.211465	0.713159	-1.40221	0.081733	1.64113	1.64113	0.456966	1.21475	1.21475	0.779911	0.930589	-1.07459	0.960195	0.987265	-1.0129	2.54752	2.66071	0.928382	1
cg25917723	LSM2	0.101251	0.739002	0.96954	-1.03142	0.0132143	0.75265	-1.32864	0.05173	0.814796	-1.2273	0.918307	1.00954	1.00954	0.252737	0.89537	-1.11686	0.510811	0.94016	-1.06365	0.468034	1.0707	1.0707	0.350216	1.09303	1.09303	0.140393	1.15804	1.15804	2.54752	0.345315	0.120488	1
cg04093633	EFTUD1;EFTUD1	0.101252	0.0775893	0.265243	-3.77013	0.137082	0.338433	-2.9548	0.316705	0.496446	-2.01432	0.694531	0.76566	-1.30606	0.00810919	0.100926	-9.90823	0.862826	0.889588	-1.12412	0.159042	0.36121	-2.76847	0.687991	1.31405	1.31405	0.0364159	0.192946	-5.18279	2.54751	18.4668	6.44351	1
cg02928664	CDC42EP5	0.101254	0.780805	1.21665	1.21665	0.0830869	0.259535	-3.85305	0.445526	0.578867	-1.72751	0.144015	3.01438	3.01438	0.215256	0.39973	-2.50169	0.989324	1.00945	1.00945	0.385487	0.535027	-1.86906	0.412992	0.555239	-1.80102	0.013335	8.62863	8.62863	2.54749	19.9381	6.95695	1
cg07148145	CYP3A43;CYP3A43;CYP3A43	0.101255	0.160227	2.08182	2.08182	0.0118154	4.64791	4.64791	0.351806	1.59727	1.59727	0.784291	0.874503	-1.14351	0.0753378	2.63185	2.63185	0.0341995	3.34575	3.34575	0.397977	0.655108	-1.52647	0.772875	1.15192	1.15192	0.259856	1.7761	1.7761	2.54748	9.63683	3.36256	1
cg17947053	WDR37	0.101256	0.647572	1.07715	1.07715	0.101965	0.748983	-1.33514	0.00930463	0.586995	-1.70359	0.405418	0.871582	-1.14734	0.471629	0.888491	-1.1255	0.383836	1.1551	1.1551	0.101803	0.748862	-1.33536	0.504706	1.1155	1.1155	0.332588	1.17515	1.17515	2.54746	1.05192	0.367046	1
cg19952454	IGF2BP2;IGF2BP2	0.101259	0.148986	0.714594	-1.3994	0.114666	0.688993	-1.45139	0.0346996	0.585909	-1.70675	0.163546	0.724077	-1.38107	0.0096702	0.491199	-2.03584	0.697133	0.918584	-1.08863	0.383227	0.823535	-1.21428	0.434447	1.18906	1.18906	0.184411	0.736611	-1.35757	2.54743	1.90214	0.663722	1
cg19653589	GNG7	0.101259	0.778509	1.11403	1.11403	0.827035	0.91961	-1.08742	0.175073	1.73728	1.73728	0.53684	0.787021	-1.27061	0.0345726	0.38916	-2.56964	0.256449	0.635317	-1.57402	0.187356	1.7077	1.7077	0.113522	1.9338	1.9338	0.0585023	0.441047	-2.26733	2.54743	5.91728	2.06475	1
cg06139281	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.101261	0.491117	1.3621	1.3621	0.379286	0.671288	-1.48967	0.867775	0.929019	-1.0764	0.809659	1.11252	1.11252	0.00304934	0.166411	-6.00921	0.184934	0.53726	-1.8613	0.869599	1.0753	1.0753	0.386908	0.67577	-1.47979	0.175427	0.529043	-1.8902	2.54742	7.87746	2.74874	1
cg06237608	CHD2;CHD2;CHD2;CHD2	0.101261	0.544654	1.37307	1.37307	0.0936579	2.59438	2.59438	0.0171155	4.49401	4.49401	0.895061	1.07062	1.07062	0.610385	0.766652	-1.30437	0.0304558	3.72545	3.72545	0.706289	0.822204	-1.21624	0.149755	2.22234	2.22234	0.306499	0.578418	-1.72885	2.54742	10.7882	3.7644	1
cg13940029	CENPP;ASPN	0.101261	0.03533	0.200518	-4.98709	0.143627	0.356927	-2.8017	0.0913721	0.295547	-3.38355	0.769786	0.824976	-1.21216	0.0137586	0.135773	-7.36524	0.23443	0.44168	-2.26408	0.0454911	0.222274	-4.49896	0.550805	0.673201	-1.48544	0.0716956	0.267554	-3.73757	2.54741	17.3425	6.05144	1
cg26329440	SLFNL1;SLFNL1	0.101267	0.984384	1.00543	1.00543	0.824962	0.940501	-1.06326	0.0846837	0.58974	-1.69566	0.888502	1.03961	1.03961	0.295458	0.740481	-1.35047	0.081863	0.586285	-1.70566	0.0732517	1.73878	1.73878	0.774655	1.08274	1.08274	0.0170645	0.446949	-2.23739	2.54735	3.09405	1.07966	1
cg06872055	DNAH2	0.101267	0.400289	1.32171	1.32171	0.653152	1.15783	1.15783	0.0519249	2.0472	2.0472	0.90058	0.960319	-1.04132	0.0072841	0.325874	-3.06867	0.49464	1.25191	1.25191	0.384515	1.33489	1.33489	0.661304	0.866908	-1.15352	0.738016	0.896954	-1.11488	2.54735	4.23417	1.4775	1
cg08397920	MLST8	0.101267	0.424923	1.2419	1.2419	0.00752318	2.49544	2.49544	0.0232996	2.05606	2.05606	0.366781	1.27954	1.27954	0.735292	1.09442	1.09442	0.127057	1.55074	1.55074	0.133983	1.53677	1.53677	0.746155	0.917268	-1.09019	0.963119	0.987782	-1.01237	2.54735	2.85173	0.995101	1
cg07015079	ANKRD35	0.101268	0.0263833	0.356693	-2.80353	0.53066	0.779843	-1.28231	0.904157	1.04829	1.04829	0.178838	0.571701	-1.74917	0.0492242	0.415264	-2.40811	0.128624	0.52572	-1.90215	0.0122533	0.294766	-3.39252	0.119709	0.516355	-1.93665	0.349784	0.686046	-1.45763	2.54734	6.1838	2.15783	1
cg27485530	FASN	0.101271	0.151353	1.3167	1.3167	0.0194994	1.65741	1.65741	0.334994	1.19474	1.19474	0.197599	1.27599	1.27599	0.300941	0.825468	-1.21143	0.185533	0.777846	-1.2856	0.290185	1.21707	1.21707	0.196834	1.27658	1.27658	0.064894	1.44915	1.44915	2.5473	1.29198	0.45084	1
cg08285388	DHRS13	0.101273	0.966292	0.99256	-1.0075	0.179533	1.28651	1.28651	0.200981	1.26956	1.26956	0.662487	0.925321	-1.08071	0.20061	0.787503	-1.26984	0.161037	0.767551	-1.30285	0.00797012	0.548224	-1.82407	0.559906	1.1098	1.1098	0.751724	0.945456	-1.05769	2.54728	1.25989	0.439644	1
cg04600618	RSPH9	0.101273	0.111159	12.8098	12.8098	0.201348	7.26379	7.26379	0.12254	11.6933	11.6933	0.239855	6.10162	6.10162	?	?	?	0.377439	3.78439	3.78439	0.00611393	192.168	192.168	0.0908483	15.4469	15.4469	0.132198	10.8877	10.8877	2.57503	78.285	30.4016	1
cg20522370	MEI1	0.101281	0.0618091	3.98743	3.98743	0.254911	2.18514	2.18514	0.0460275	4.49772	4.49772	0.420055	1.71899	1.71899	0.297705	2.03379	2.03379	0.668012	1.32806	1.32806	0.0180149	6.61695	6.61695	0.0138513	7.3885	7.3885	0.337988	1.91464	1.91464	2.5472	17.4452	6.0878	1
cg14720773	RAI1	0.101282	0.0722674	3.1309	3.1309	0.957003	1.03115	1.03115	0.0603302	3.33767	3.33767	0.0473992	3.63469	3.63469	0.822866	0.880234	-1.13606	0.513232	1.45827	1.45827	0.489145	0.670473	-1.49148	0.0243446	4.60351	4.60351	0.0690291	3.18222	3.18222	2.54719	13.0591	4.5572	1
cg22661330	LANCL2	0.101282	0.714824	1.22653	1.22653	0.430639	1.56455	1.56455	0.223282	0.490656	-2.03809	0.0113387	5.83638	5.83638	0.987267	0.99116	-1.00892	0.807392	1.14558	1.14558	0.629646	1.31045	1.31045	0.0141785	5.38662	5.38662	0.413484	1.59232	1.59232	2.54719	12.4904	4.35877	1
cg21773665	MTERFD2;SNED1;MTERFD2;MTERFD2	0.101283	0.0522943	2.54764	2.54764	0.0364038	2.80248	2.80248	0.0346799	2.83856	2.83856	0.334	1.52528	1.52528	0.255315	1.65395	1.65395	0.128033	2.00791	2.00791	0.0521748	2.54918	2.54918	0.0399567	2.73456	2.73456	0.0760855	2.30781	2.30781	2.54718	7.2418	2.52717	1
cg07354371	TMEM125	0.101283	0.0125357	5.65904	5.65904	0.753909	0.83902	-1.19187	0.119077	2.57061	2.57061	0.462228	1.51846	1.51846	0.397448	0.616569	-1.62188	0.432402	0.63943	-1.56389	0.0629994	3.21333	3.21333	0.444699	0.647355	-1.54475	0.17739	2.22576	2.22576	2.54717	12.5666	4.38537	1
cg23901918	SH3PXD2A	0.101287	0.12378	0.313692	-3.18784	0.631005	1.40016	1.40016	0.374687	0.530614	-1.88461	0.128465	0.318922	-3.13556	0.0190506	0.138911	-7.19886	0.471005	0.600495	-1.66529	0.00831972	0.0957617	-10.4426	0.512146	0.629779	-1.58786	0.527215	0.64047	-1.56135	2.54713	19.5139	6.8099	1
cg26528551	MGMT	0.101288	0.666143	0.815427	-1.22635	0.19555	0.525464	-1.90308	0.0181806	0.259748	-3.84989	0.906084	0.946031	-1.05705	0.0324803	0.308294	-3.24366	0.40425	0.669531	-1.49358	0.4351	1.45402	1.45402	0.115186	2.23699	2.23699	0.757688	1.15658	1.15658	2.54712	8.914	3.11079	1
cg24365417	PDE11A	0.101288	0.275803	0.678295	-1.47429	0.400244	0.744655	-1.3429	0.0329033	0.425559	-2.34985	0.229948	0.649676	-1.53923	0.0103032	0.33059	-3.02489	0.0900842	0.527484	-1.89579	0.169821	0.606121	-1.64984	0.357538	1.38262	1.38262	0.292782	0.68818	-1.45311	2.54712	4.7295	1.65049	1
cg02943676	PRKAR1B;PRKAR1B;HEATR2;PRKAR1B	0.10129	0.0380779	0.547915	-1.8251	0.152662	1.46714	1.46714	0.362812	1.2637	1.2637	0.554328	1.16145	1.16145	0.110011	0.646677	-1.54637	0.139869	1.48809	1.48809	0.256293	0.743404	-1.34516	0.724416	1.09262	1.09262	0.102986	0.639951	-1.56262	2.5471	2.52606	0.881547	1
cg20300655	CATSPER3	0.10129	0.971169	1.02097	1.02097	0.0365114	0.247745	-4.03641	0.394597	0.606163	-1.64972	0.33939	0.568165	-1.76005	0.144536	0.406644	-2.45915	0.355471	0.579425	-1.72585	0.00638088	0.130303	-7.67444	0.94279	1.04207	1.04207	0.0682568	0.309706	-3.22887	2.5471	13.2971	4.64045	1
cg26278647	RANBP9	0.101291	0.842332	0.951962	-1.05046	0.133587	0.670339	-1.49178	0.0398557	0.555823	-1.79913	0.776776	1.07279	1.07279	0.546681	0.860037	-1.16274	0.0809733	1.61333	1.61333	0.0341959	1.84201	1.84201	0.564111	1.15504	1.15504	0.514232	0.849162	-1.17763	2.54709	2.46497	0.86023	1
cg17536843	CT45A1	0.101291	0.596777	1.13716	1.13716	0.937937	1.01892	1.01892	0.118877	0.665307	-1.50307	0.862921	0.95925	-1.04248	0.0165613	0.494275	-2.02316	0.172494	1.41844	1.41844	0.0886171	1.57179	1.57179	0.393545	0.810257	-1.23418	0.282377	1.30856	1.30856	2.54708	2.33801	0.815927	1
cg01030886	MSRB3;MSRB3	0.101294	0.0150232	0.326417	-3.06357	0.868263	0.939719	-1.06415	0.165569	0.574707	-1.74002	0.139881	0.551605	-1.81289	0.00893508	0.287742	-3.47533	0.452128	0.750586	-1.33229	0.764424	0.89354	-1.11914	0.137167	0.549003	-1.82148	0.265545	0.647552	-1.54428	2.54705	5.65881	1.97485	1
cg24965502	PHTF2;PHTF2;PHTF2;PHTF2;PHTF2	0.101296	0.741222	0.912704	-1.09565	0.829158	1.06137	1.06137	0.0301649	0.495255	-2.01916	0.927066	0.97508	-1.02556	0.787536	0.928247	-1.0773	0.216391	1.43126	1.43126	0.0524963	1.83622	1.83622	0.540062	0.842841	-1.18646	0.0344547	0.506702	-1.97355	2.54703	3.06465	1.06953	1
cg00971228	SLC25A24	0.101297	0.178046	0.774529	-1.29111	0.514082	1.12539	1.12539	0.314371	1.20412	1.20412	0.227335	1.25391	1.25391	0.061888	1.45553	1.45553	0.925775	0.983502	-1.01678	0.0480791	1.49687	1.49687	0.0427294	1.51657	1.51657	0.0451207	1.50744	1.50744	2.54702	1.28576	0.448721	1
cg26075417	PTPRN2;PTPRN2;PTPRN2	0.101298	0.896615	0.910969	-1.09773	0.0154822	8.41724	8.41724	0.0918229	3.78598	3.78598	0.34939	1.9956	1.9956	0.165279	0.345911	-2.89092	0.439112	1.76122	1.76122	0.336097	2.03689	2.03689	0.0954289	0.268764	-3.72073	0.698295	1.32232	1.32232	2.54701	20.7534	7.24278	1
cg21169914	1-Mar	0.101299	0.0923315	1.31545	1.31545	0.49111	0.901673	-1.10905	0.0237073	1.49125	1.49125	0.0953792	1.31147	1.31147	0.32746	1.16137	1.16137	0.745869	0.953013	-1.0493	0.779042	1.04251	1.04251	0.0515444	1.38817	1.38817	0.0385443	1.42575	1.42575	2.547	0.883522	0.308344	1
cg18497291	GRIN2D	0.1013	0.249491	1.16734	1.16734	0.164819	0.826544	-1.20986	0.876983	1.02011	1.02011	0.36957	0.888283	-1.12577	0.500135	1.09198	1.09198	0.731155	0.956629	-1.04534	0.012436	1.49167	1.49167	0.136213	0.813505	-1.22925	0.178429	0.832104	-1.20177	2.54699	0.666678	0.232668	1
cg26108683	AIP;AIP	0.101301	0.194358	0.691586	-1.44595	0.114841	0.630934	-1.58495	0.119267	1.57473	1.57473	0.117164	0.633097	-1.57954	0.0578343	0.56212	-1.77898	0.0223993	0.479581	-2.08515	0.916844	0.972338	-1.02845	0.236439	0.716626	-1.39543	0.997365	0.999113	-1.00089	2.54698	2.9101	1.01562	1
cg25015585	LRRN4CL	0.101303	0.226345	0.728783	-1.37215	0.782383	0.933365	-1.07139	0.28459	1.31895	1.31895	0.914155	0.973502	-1.02722	0.182143	0.702807	-1.42287	0.0990638	0.637404	-1.56886	0.022407	0.505948	-1.97649	0.0147954	0.473833	-2.11045	0.607163	0.878838	-1.13787	2.54696	2.50201	0.873201	1
cg09690597	LHPP;LHPP	0.101303	0.142852	0.361658	-2.76505	0.0092452	0.118427	-8.44404	0.135862	0.354181	-2.82342	0.530639	0.663514	-1.50713	0.211505	0.427386	-2.33981	0.0955235	0.306474	-3.26291	0.0439062	0.224126	-4.46178	0.0399132	0.215714	-4.63577	0.553442	0.67899	-1.47278	2.54695	16.8239	5.87157	1
cg02963266	BCL11B;BCL11B	0.101304	0.455049	1.3828	1.3828	0.152052	1.92245	1.92245	0.0105985	3.93199	3.93199	0.0112758	3.86515	3.86515	0.78084	1.12615	1.12615	0.93156	0.964073	-1.03727	0.85718	1.07975	1.07975	0.486398	1.35155	1.35155	0.133315	1.99328	1.99328	2.54695	7.31896	2.55433	1
cg16807577	C16orf52	0.101305	0.632413	0.828193	-1.20745	0.0339963	2.63282	2.63282	0.246002	1.60736	1.60736	0.412709	1.38762	1.38762	0.0926859	0.484942	-2.0621	0.885089	0.945004	-1.0582	0.0262315	0.35651	-2.80497	0.512032	1.29709	1.29709	0.908118	1.0462	1.0462	2.54693	6.17201	2.15405	1
cg16571354	SOCS7;SOCS7	0.101305	0.1279	1.67147	1.67147	0.888947	0.957332	-1.04457	0.324468	1.37379	1.37379	0.597478	0.846785	-1.18094	0.0146709	0.391538	-2.55403	0.178432	1.56237	1.56237	0.113636	1.71129	1.71129	0.58846	1.18589	1.18589	0.301698	0.716088	-1.39648	2.54693	3.92913	1.37128	1
cg23571474	BCAS4;BCAS4;BCAS4	0.101306	0.150376	0.730422	-1.36907	0.339595	1.22209	1.22209	0.0225328	1.74495	1.74495	0.341857	1.22087	1.22087	0.151881	1.36727	1.36727	0.0738729	1.50075	1.50075	0.186286	0.751627	-1.33045	0.817644	1.04819	1.04819	0.191938	1.32507	1.32507	2.54692	1.67488	0.584542	1
cg08918658	SYNJ2	0.101308	0.921731	0.959241	-1.04249	0.00199146	6.34979	6.34979	0.95604	0.976929	-1.02362	0.520261	0.758846	-1.31779	0.701202	1.17732	1.17732	0.459477	1.37562	1.37562	0.841422	0.918677	-1.08852	0.422001	1.41524	1.41524	0.964366	0.981262	-1.0191	2.5469	7.23179	2.52395	1
cg26975807	KDM2B;KDM2B	0.101308	0.609202	1.08928	1.08928	0.513194	0.895846	-1.11626	0.0148159	0.608188	-1.64423	0.206752	1.24715	1.24715	0.481332	0.888061	-1.12605	0.031408	0.657927	-1.51993	0.302945	1.19361	1.19361	0.523479	1.1132	1.1132	0.863048	1.02905	1.02905	2.5469	1.10968	0.387286	1
cg04416454	NENF;NENF	0.10131	0.297768	1.33438	1.33438	0.134399	0.649614	-1.53938	0.0628417	0.571578	-1.74954	0.543466	0.848443	-1.17863	0.180019	1.46303	1.46303	0.251308	1.37755	1.37755	0.0273768	2.00874	2.00874	0.80901	1.06685	1.06685	0.436281	0.808764	-1.23645	2.54688	2.88088	1.00546	1
cg25384000	OR5D16	0.101312	0.0327055	0.244293	-4.09345	0.108581	0.372637	-2.68358	0.443015	0.643313	-1.55445	0.768429	0.846606	-1.18119	0.249943	0.507578	-1.97014	0.0736678	0.324776	-3.07904	0.0139061	0.180173	-5.55021	0.0467943	0.27699	-3.61023	0.111339	0.375996	-2.65961	2.54686	12.8307	4.47811	1
cg01131735	FKBP10;SC65;SC65	0.101313	0.37739	1.2053	1.2053	0.262986	1.272	1.272	0.0199936	1.7839	1.7839	0.771057	0.94162	-1.062	0.170951	1.35061	1.35061	0.109476	1.43299	1.43299	0.182561	0.747049	-1.3386	0.20824	0.760695	-1.31459	0.296351	0.799932	-1.25011	2.54685	1.71436	0.598338	1
cg09089242	LMO2;LMO2;LMO2	0.101319	0.893778	0.934342	-1.07027	0.905192	1.06244	1.06244	0.00842861	0.180812	-5.5306	0.126972	0.432096	-2.3143	0.311642	1.70253	1.70253	0.833468	1.11297	1.11297	0.246402	0.539984	-1.85191	0.150341	2.18971	2.18971	0.414617	1.52795	1.52795	2.54678	10.4238	3.63814	1
cg15338449	HOMER2;HOMER2;HOMER2;HOMER2	0.101319	0.256519	0.475926	-2.10117	0.408853	0.588848	-1.69823	0.00537291	9.95534	9.95534	0.639117	0.743708	-1.34461	0.264851	0.482613	-2.07205	0.308542	0.516468	-1.93623	0.982579	0.986404	-1.01378	0.260461	0.4791	-2.08725	0.700844	0.785047	-1.27381	2.54678	15.8536	5.53329	1
cg02860797	OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1;OGG1	0.10132	0.150522	1.39709	1.39709	0.357601	1.22789	1.22789	0.0212959	1.8232	1.8232	0.363855	1.22445	1.22445	0.915667	0.977277	-1.02325	0.671635	0.911625	-1.09694	0.0417963	0.601002	-1.66389	0.54568	0.875727	-1.14191	0.139593	1.41195	1.41195	2.54677	1.89933	0.662914	1
cg03397894	DST;DST;DST;DST;DST	0.10132	0.707778	1.03747	1.03747	0.0366189	0.788816	-1.26772	0.0770205	0.825256	-1.21175	0.484272	1.0719	1.0719	0.611204	0.951155	-1.05135	0.322732	1.10492	1.10492	0.0135269	0.741886	-1.34792	0.654212	0.956916	-1.04502	0.746933	1.03213	1.03213	2.54677	0.384858	0.134325	1
cg23602832	NOTCH4	0.101321	0.0257255	0.187972	-5.31994	0.228397	0.450364	-2.22042	0.0361485	0.214923	-4.65284	0.0806629	0.294509	-3.39548	0.287886	0.498457	-2.00619	0.327189	0.528226	-1.89313	0.229703	0.451471	-2.21498	0.0109421	0.133309	-7.50137	0.311667	0.516622	-1.93565	2.54676	16.0595	5.60519	1
cg06061449	MCF2L;MCF2L	0.101322	0.178052	0.725691	-1.378	0.201167	1.35317	1.35317	0.0692665	0.634219	-1.57674	0.715729	1.08539	1.08539	0.874262	0.965141	-1.03612	0.766834	1.06889	1.06889	0.0275079	1.79336	1.79336	0.0555824	1.62585	1.62585	0.510697	1.16123	1.16123	2.54675	2.02469	0.706675	1
cg04115584	DYNC1H1	0.101322	0.742773	1.04773	1.04773	0.0549145	0.734764	-1.36098	0.132028	1.2588	1.2588	0.810811	1.03454	1.03454	0.658177	0.938904	-1.06507	0.250865	0.843775	-1.18515	0.078045	1.31945	1.31945	0.0384345	0.712066	-1.40436	0.415514	1.12506	1.12506	2.54675	0.808555	0.282209	1
cg01498384	TMEM160	0.101322	0.0737147	1.47458	1.47458	0.246934	1.26599	1.26599	0.022788	1.70041	1.70041	0.187871	1.31241	1.31241	0.247649	1.26549	1.26549	0.593228	0.900292	-1.11075	0.386859	1.18863	1.18863	0.187638	1.31262	1.31262	0.0757959	0.680458	-1.4696	2.54675	1.53073	0.534268	1
cg17414508	ARTN;ARTN;ARTN	0.101323	0.238188	0.743671	-1.34468	0.0887933	0.637649	-1.56826	0.0100775	0.459159	-2.1779	0.174912	0.707616	-1.4132	0.0153845	0.490221	-2.03989	0.836907	1.05065	1.05065	0.513464	0.853123	-1.17216	0.33332	0.78725	-1.27024	0.266747	0.75778	-1.31964	2.54674	2.31762	0.808918	1
cg14557554	SNORD36C;SNORD36A;RPL7A	0.101323	0.0390448	0.19044	-5.25101	0.256264	0.439225	-2.27674	0.419458	0.563984	-1.7731	0.051703	0.214953	-4.65218	0.106824	0.294532	-3.39522	0.32748	0.495692	-2.01738	0.0143455	0.12296	-8.13272	0.168927	0.361453	-2.76661	0.0336932	0.17869	-5.59628	2.54674	19.4426	6.78608	1
cg13849525	NANOS2	0.101324	0.0383742	0.372353	-2.68563	0.840897	0.920575	-1.08628	0.291689	0.637333	-1.56904	0.032332	0.356356	-2.80618	0.0135535	0.284245	-3.51809	0.172826	0.550296	-1.81721	0.170755	0.548503	-1.82314	0.128823	0.508754	-1.96558	0.0898748	0.463132	-2.15921	2.54673	6.83747	2.38649	1
cg00088880	TES	0.101327	0.702241	1.1499	1.1499	0.409506	1.35895	1.35895	0.031378	0.399293	-2.50442	0.687492	1.1584	1.1584	0.0593001	2.16883	2.16883	0.869769	0.94208	-1.06148	0.587041	1.22068	1.22068	0.0212798	2.73622	2.73622	0.310574	1.4645	1.4645	2.5467	5.33299	1.86141	1
cg11908453	HDLBP;HDLBP	0.101327	0.200348	0.410564	-2.43568	0.315804	1.97896	1.97896	0.18942	2.49639	2.49639	0.761238	0.818267	-1.22209	0.0250681	0.173081	-5.77766	0.250281	0.453549	-2.20484	0.0299015	0.186115	-5.37301	0.583702	1.43937	1.43937	0.291371	0.486487	-2.05555	2.54669	17.4694	6.09747	1
cg00855685	SEMA5A	0.101327	0.134048	0.339779	-2.94309	0.00421341	0.0772976	-12.937	0.104734	0.305889	-3.26916	0.421343	0.577666	-1.7311	0.249746	0.447726	-2.23351	0.173637	0.380186	-2.63029	0.110782	0.313244	-3.1924	0.49047	0.626301	-1.59668	0.672781	1.32814	1.32814	2.54669	18.0007	6.2829	1
cg13889415	COL27A1	0.101328	0.8956	0.948266	-1.05456	0.919016	1.04201	1.04201	0.0802322	0.456014	-2.19291	0.721606	0.865227	-1.15577	0.021251	0.326149	-3.06609	0.208807	0.585034	-1.7093	0.258571	0.620669	-1.61116	0.0412065	0.385605	-2.59333	0.0181191	0.31311	-3.19377	2.54669	6.6032	2.30476	1
cg27483739	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.101328	0.336415	0.769657	-1.29928	0.0437004	1.84498	1.84498	0.821387	1.06155	1.06155	0.11008	1.58412	1.58412	0.150266	0.66542	-1.50281	0.608267	1.14632	1.14632	0.0181292	2.13395	2.13395	0.35154	1.28821	1.28821	0.820385	0.941697	-1.06191	2.54668	2.81421	0.982265	1
cg11601000	LOC339674	0.101329	0.139001	1.62124	1.62124	0.616752	1.16544	1.16544	0.0507835	1.96448	1.96448	0.0210932	2.32009	2.32009	0.51775	1.22015	1.22015	0.707113	0.891787	-1.12134	0.734723	0.901951	-1.10871	0.903665	0.963928	-1.03742	0.0162862	2.43842	2.43842	2.54667	3.71321	1.29606	1
cg21880328	CTTNBP2	0.10133	0.118725	0.534957	-1.86931	0.89891	0.954137	-1.04807	0.289765	1.50062	1.50062	0.538934	0.794698	-1.25834	0.0657172	0.46633	-2.14441	0.294007	0.668938	-1.49491	0.00744904	0.279996	-3.57147	0.115764	0.531788	-1.88045	0.359079	0.70586	-1.41671	2.54666	5.50348	1.92094	1
cg15344640	LMAN2	0.101333	0.540013	0.918157	-1.08914	0.418109	1.12062	1.12062	0.337472	0.872755	-1.1458	0.164367	0.8153	-1.22654	0.0486304	0.733451	-1.36342	0.386633	0.885021	-1.12992	0.0210574	0.682556	-1.46508	0.544097	1.08818	1.08818	0.0259981	0.695117	-1.43861	2.54663	0.764031	0.266681	1
cg11905007	CADPS;CADPS;CADPS	0.101333	0.698236	1.08321	1.08321	0.845999	0.96089	-1.0407	0.00248993	2.36873	2.36873	0.13175	1.39626	1.39626	0.768781	0.941312	-1.06235	0.385652	1.20018	1.20018	0.417172	1.18544	1.18544	0.939446	1.01571	1.01571	0.228962	1.29567	1.29567	2.54663	1.69779	0.592607	1
cg12550597	FAM129C	0.101338	0.0589535	0.300926	-3.32308	0.10312	0.366439	-2.72897	0.351967	0.58313	-1.71488	0.429087	0.634745	-1.57544	0.0325681	0.244496	-4.09004	0.209531	0.474869	-2.10584	0.0144156	0.183043	-5.46319	0.0326577	0.244732	-4.0861	0.365576	0.592473	-1.68784	2.54657	12.7873	4.46345	1
cg09251492	LRRC47	0.101339	0.166695	0.762191	-1.31201	0.182215	0.770465	-1.29792	0.716781	0.935103	-1.0694	0.336321	1.20032	1.20032	0.00399385	0.490354	-2.03934	0.442685	0.865748	-1.15507	0.78931	1.05056	1.05056	0.919792	1.01872	1.01872	0.545348	1.11932	1.11932	2.54656	1.36811	0.477545	1
cg07006075	GMPR	0.101341	0.763278	0.960347	-1.04129	0.0108052	0.651243	-1.53553	0.322118	0.871963	-1.14684	0.790124	0.964899	-1.03638	0.382992	0.887066	-1.12731	0.670648	0.944311	-1.05897	0.030992	1.40387	1.40387	0.390502	1.12509	1.12509	0.784812	1.03734	1.03734	2.54655	0.72367	0.252602	1
cg12825470	ATR	0.101343	0.28309	0.477481	-2.09433	0.560135	1.47773	1.47773	0.305263	0.494778	-2.02111	0.565852	1.46918	1.46918	0.00980285	0.114841	-8.70768	0.0834751	0.280867	-3.5604	0.0664242	0.255528	-3.91347	0.937001	1.05379	1.05379	0.0986988	0.301165	-3.32044	2.54652	17.7184	6.1848	1
cg18330222	ADAMTS17	0.101344	0.434218	0.871389	-1.14759	0.661842	0.92688	-1.07889	0.282089	0.824602	-1.21271	0.832731	0.964168	-1.03716	0.0062763	0.541008	-1.8484	0.133306	0.756239	-1.32233	0.0907601	1.37919	1.37919	0.285627	0.825857	-1.21086	0.445768	0.874504	-1.14351	2.54651	1.20053	0.41906	1
cg12435854	SFRS11	0.101345	0.283159	1.44253	1.44253	0.0446439	0.468839	-2.13293	0.196132	0.638186	-1.56694	0.0336854	2.25926	2.25926	0.448506	0.775857	-1.2889	0.309275	1.41302	1.41302	0.420224	1.31072	1.31072	0.999829	1.00007	1.00007	0.146357	0.599115	-1.66913	2.5465	4.35413	1.51986	1
cg16624187	COPB2;COPB2	0.101345	0.566665	1.21328	1.21328	0.0107352	0.342966	-2.91574	0.981119	1.00793	1.00793	0.202126	1.5676	1.5676	0.495727	1.25972	1.25972	0.243199	1.50325	1.50325	0.0551509	0.483972	-2.06624	0.993658	0.99735	-1.00266	0.584413	1.20246	1.20246	2.5465	4.49363	1.56856	1
cg23383138	SEC14L4;SEC14L4	0.101346	0.0503541	0.157877	-6.33404	0.69119	0.718626	-1.39154	0.293341	0.405735	-2.46466	0.0881105	0.210685	-4.74643	0.0836987	0.205143	-4.87464	0.114729	0.241845	-4.13488	0.0926507	0.21626	-4.62405	0.0132865	0.078957	-12.6651	0.0503771	0.157914	-6.33255	2.54649	27.6181	9.64052	1
cg23620047	SMYD3;SMYD3	0.101351	0.141374	0.782617	-1.27776	0.0417085	0.695001	-1.43885	0.71325	1.05887	1.05887	0.472744	1.11984	1.11984	0.417093	0.87939	-1.13715	0.103874	0.759111	-1.31733	0.0274461	1.49818	1.49818	0.404494	0.87617	-1.14133	0.580608	0.917148	-1.09034	2.54644	0.968684	0.33814	1
cg06046912	CCDC104	0.101352	0.15142	0.673464	-1.48486	0.205223	1.41021	1.41021	0.883942	0.963132	-1.03828	0.881486	0.962359	-1.03911	0.00780247	0.415457	-2.40699	0.289534	0.753726	-1.32674	0.0842373	0.611852	-1.63438	0.464077	0.825596	-1.21125	0.110808	0.639654	-1.56334	2.54642	2.6675	0.931155	1
cg01117833	DDX24;IFI27L1;IFI27L1	0.101353	0.991422	1.00226	1.00226	0.0258355	0.573102	-1.74489	0.0405541	0.608023	-1.64467	0.682194	1.09047	1.09047	0.469434	1.16745	1.16745	0.575422	1.12642	1.12642	0.0422252	1.63602	1.63602	0.733226	1.07462	1.07462	0.641494	0.906064	-1.10367	2.54641	1.78478	0.623023	1
cg24186939	SFRS16	0.10136	0.717231	0.913242	-1.095	0.34969	1.27152	1.27152	0.445153	1.21436	1.21436	0.538035	0.855917	-1.16834	0.94425	0.982701	-1.0176	0.00491001	0.394552	-2.53452	0.289893	0.760255	-1.31535	0.154907	1.46209	1.46209	0.476784	0.834836	-1.19784	2.54634	2.51106	0.876572	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00179787	TBC1D1	0.101365	0.467954	0.883251	-1.13218	0.358492	1.17202	1.17202	0.0532192	1.44658	1.44658	0.699851	0.936955	-1.06729	0.00810659	1.76805	1.76805	0.688011	0.934394	-1.07021	0.846902	0.968029	-1.03303	0.154648	1.29187	1.29187	0.148542	1.29756	1.29756	2.54628	1.13958	0.39782	1
cg01194119	TCP10L	0.101368	0.0490697	0.412415	-2.42474	0.0127215	0.295073	-3.38899	0.0333234	0.375104	-2.66593	0.186781	0.575976	-1.73618	0.117761	0.511871	-1.95362	0.232485	0.61042	-1.63822	0.122374	0.516841	-1.93483	0.06648	0.444269	-2.25089	0.360065	0.690074	-1.44912	2.54625	6.26745	2.18795	1
cg21842689	ADRM1;ADRM1	0.10137	0.0472054	0.247457	-4.0411	0.410194	0.59574	-1.67858	0.71921	0.800894	-1.2486	0.920694	0.940594	-1.06316	0.0712403	0.289626	-3.45273	0.104579	0.335869	-2.97735	0.0102788	0.136828	-7.30846	0.0479947	0.249029	-4.01559	0.205773	0.440047	-2.27249	2.54623	15.2523	5.32458	1
cg02357725	IMP3;IMP3	0.101374	0.932811	0.987294	-1.01287	0.727646	0.948359	-1.05445	0.767597	0.956052	-1.04597	0.50703	0.902953	-1.10748	0.0309772	1.46831	1.46831	0.597075	0.922283	-1.08427	0.136595	0.784104	-1.27534	0.0654026	0.730775	-1.36841	0.0466335	1.41273	1.41273	2.54618	0.927463	0.323783	1
cg19458602	TIMM44;CTXN1	0.101374	0.524143	0.738304	-1.35445	0.0116463	4.40159	4.40159	0.195249	0.525256	-1.90383	0.602872	1.27981	1.27981	0.218995	0.544652	-1.83604	0.199174	0.528548	-1.89197	0.177873	0.510208	-1.95998	0.189614	0.520463	-1.92137	0.792117	1.13219	1.13219	2.54618	8.90834	3.10996	1
cg05155371	PLOD1	0.101376	0.817434	0.928456	-1.07706	0.20847	1.53064	1.53064	0.54255	1.21883	1.21883	0.098782	0.559291	-1.78798	0.270923	0.692139	-1.4448	0.0327451	0.448437	-2.22997	0.0412526	2.12944	2.12944	0.406527	1.31336	1.31336	0.764438	1.10128	1.10128	2.54617	4.15594	1.45087	1
cg16404865	KCNC1;KCNC1	0.10138	0.263092	0.755535	-1.32356	0.115864	0.66323	-1.50777	0.763064	1.07535	1.07535	0.338868	0.789097	-1.26727	0.930348	1.02123	1.02123	0.0124075	2.11225	2.11225	0.793062	0.938784	-1.06521	0.403218	1.22817	1.22817	0.0791407	1.59735	1.59735	2.54612	2.32795	0.812723	1
cg15956738	RNF181	0.10138	0.452879	0.883318	-1.1321	0.685332	1.06833	1.06833	0.0278413	0.655892	-1.52464	0.900393	1.02052	1.02052	0.173147	0.790429	-1.26514	0.227989	0.814393	-1.22791	0.503979	1.11631	1.11631	0.189519	0.798129	-1.25293	0.0299731	1.51328	1.51328	2.54612	1.06154	0.370601	1
cg07020327	CDC23	0.101382	?	?	?	0.705364	1.4403	1.4403	?	?	?	0.192644	3.76008	3.76008	?	?	?	0.12764	4.86588	4.86588	?	?	?	0.0219241	14.0256	14.0256	0.0779743	6.56159	6.56159	2.70889	21.9906	12.9887	1
cg06902235	ZNF83;ZNF83;ZNF83;ZNF83;ZNF83;ZNF83;ZNF83;ZNF83	0.101384	0.774944	1.1134	1.1134	0.971394	0.986653	-1.01353	0.171624	0.579659	-1.72515	0.298758	1.49716	1.49716	0.492667	0.770213	-1.29834	0.0107947	0.301212	-3.31993	0.546282	0.795493	-1.25708	0.685703	0.858601	-1.16469	0.0182553	0.341779	-2.92587	2.54608	5.66178	1.97664	1
cg11992992	FOXP1;FOXP1	0.101384	0.182251	0.842062	-1.18756	0.393384	1.112	1.112	0.681362	1.05141	1.05141	0.272853	0.870597	-1.14864	0.906209	1.01442	1.01442	0.117065	1.22965	1.22965	0.0444279	0.755553	-1.32353	0.0788738	0.789032	-1.26738	0.0984778	1.24611	1.24611	2.54608	0.594559	0.207573	1
cg01056350	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.101387	0.0280349	3.09421	3.09421	0.353661	1.45789	1.45789	0.482712	1.32254	1.32254	0.0219429	3.35378	3.35378	0.0465298	2.63838	2.63838	?	?	?	0.597127	0.812177	-1.23126	0.876479	0.941449	-1.06219	0.100133	2.10206	2.10206	3.31369	6.43524	1.21376	1
cg09076720	GPR1;GPR1;GPR1;GPR1	0.101388	0.296681	1.7027	1.7027	0.635591	1.26466	1.26466	0.371211	0.636589	-1.57087	0.23194	1.85274	1.85274	0.0540431	0.341081	-2.93186	0.539617	0.73678	-1.35726	0.53256	0.732761	-1.3647	0.0180788	4.10555	4.10555	0.165701	2.06923	2.06923	2.54603	9.75616	3.40614	1
cg14388108	IAH1	0.101388	0.778918	1.03574	1.03574	0.507076	1.08762	1.08762	0.267177	0.86567	-1.15517	0.772882	1.03677	1.03677	0.465548	0.91149	-1.09711	0.768777	1.03747	1.03747	0.0062798	1.55937	1.55937	0.073831	0.779846	-1.2823	0.680245	0.949601	-1.05307	2.54603	0.627927	0.219227	1
cg02001956	TNXB	0.101389	0.147609	0.744476	-1.34323	0.939874	1.01443	1.01443	0.0133691	0.55882	-1.78948	0.155446	0.749241	-1.33468	0.0582514	0.665997	-1.50151	0.88961	0.973969	-1.02673	0.138937	1.35324	1.35324	0.52626	0.885187	-1.1297	0.180716	0.763431	-1.30988	2.54603	1.45448	0.5078	1
cg10211861	FGGY;FGGY	0.101389	0.0676158	0.712054	-1.40439	0.908061	1.01935	1.01935	0.132118	1.30938	1.30938	0.113744	0.751699	-1.33032	0.0697821	0.714378	-1.39982	0.249988	0.81922	-1.22067	0.0300746	0.654972	-1.52678	0.610134	1.08904	1.08904	0.309797	0.840023	-1.19044	2.54602	1.10935	0.387304	1
cg24965356	MYO16	0.101389	0.162336	0.712038	-1.40442	0.81435	1.05501	1.05501	0.429323	0.832201	-1.20163	0.0648699	0.623748	-1.60321	0.00290023	0.393744	-2.53972	0.310375	0.787437	-1.26994	0.521357	0.862451	-1.15949	0.4513	0.839688	-1.19092	0.55651	0.873366	-1.145	2.54602	2.09	0.729677	1
cg09762474	RAB40B	0.10139	0.829043	0.958414	-1.04339	0.223885	1.28529	1.28529	0.0114647	0.537224	-1.86142	0.0986767	1.42715	1.42715	0.42017	0.850632	-1.1756	0.164477	0.747262	-1.33822	0.235409	1.27668	1.27668	0.906671	0.977226	-1.0233	0.684367	0.922859	-1.08359	2.54601	1.55578	0.54317	1
cg10774440	LEFTY1	0.101393	0.178396	0.583154	-1.71481	0.0227932	0.357792	-2.79492	0.00689764	0.267358	-3.7403	0.256173	0.639503	-1.56371	0.0724769	0.469565	-2.12963	0.320088	0.678736	-1.47333	0.444866	0.745449	-1.34147	0.277075	0.652865	-1.53171	0.155147	0.563371	-1.77503	2.54598	5.73664	2.00286	1
cg14830166	ETV6	0.101393	0.0973067	0.557916	-1.79238	0.313905	1.39657	1.39657	0.24477	0.676907	-1.47731	0.69657	0.881897	-1.13392	0.0564616	0.500277	-1.99889	0.814117	1.07846	1.07846	0.786154	0.91648	-1.09113	0.0403153	2.13759	2.13759	0.0754804	0.530133	-1.88632	2.54598	4.1473	1.44797	1
cg12602945	CGB1	0.101394	0.189221	0.622896	-1.6054	0.13562	0.57844	-1.72879	0.135202	0.578049	-1.72996	0.148329	0.589939	-1.69509	0.959152	1.01759	1.01759	0.655393	1.16519	1.16519	0.00397761	0.267694	-3.73561	0.257299	0.668724	-1.49538	0.46553	0.776637	-1.2876	2.54597	4.67125	1.6309	1
cg16047348	MYO1D	0.101394	0.21635	0.797798	-1.25345	0.328525	0.839362	-1.19138	0.605371	1.09473	1.09473	0.130408	0.753038	-1.32795	0.795832	0.955975	-1.04605	0.0193727	0.612038	-1.63389	0.684474	1.07352	1.07352	0.0421627	1.50151	1.50151	0.475787	1.13418	1.13418	2.54596	1.21572	0.424451	1
cg10051588	FLJ39653;FLJ39653	0.101396	0.0313621	0.351017	-2.84887	0.0821594	0.450018	-2.22213	0.00832319	0.247008	-4.04846	0.255109	0.611024	-1.6366	0.178118	0.552534	-1.80984	0.788971	0.89474	-1.11764	0.66806	0.836226	-1.19585	0.664285	1.19847	1.19847	0.155661	0.532667	-1.87735	2.54595	6.93141	2.42002	1
cg15334207	DCX;DCX;DCX;DCX	0.101396	0.292786	0.648552	-1.5419	0.00336515	0.205447	-4.86743	0.131388	0.524041	-1.90825	0.493475	1.31773	1.31773	0.694168	0.854886	-1.16975	0.591084	0.806395	-1.24009	0.267879	0.632614	-1.58074	0.390906	0.705548	-1.41734	0.516997	1.29778	1.29778	2.54594	6.34699	2.21598	1
cg01839860	UBE2D2;UBE2D2	0.101398	0.103694	0.330087	-3.02951	0.138646	2.69927	2.69927	0.0566098	3.83505	3.83505	0.923313	0.941788	-1.06181	0.0718741	0.286034	-3.49608	0.783425	0.842298	-1.18723	0.0932617	0.316621	-3.15835	0.285904	1.99442	1.99442	0.518449	0.665128	-1.50347	2.54592	15.6448	5.46227	1
cg07533488	RNFT2;RNFT2	0.101399	0.589003	1.1502	1.1502	0.186412	0.69814	-1.43238	0.324878	1.29797	1.29797	0.581816	1.15338	1.15338	0.0763081	0.602965	-1.65847	0.090248	0.619441	-1.61436	0.0627042	0.584331	-1.71136	0.068006	1.68932	1.68932	0.402717	0.802771	-1.24568	2.54592	2.65358	0.92648	1
cg12827708	DTNA;DTNA;DTNA;DTNA	0.1014	0.0411373	0.216275	-4.62375	0.123082	0.337699	-2.96122	0.0370534	0.20733	-4.82323	0.987652	0.989993	-1.01011	0.0283349	0.185978	-5.37699	0.985025	1.01227	1.01227	0.051625	0.237031	-4.21885	0.159386	0.376355	-2.65706	0.116284	0.329843	-3.03174	2.5459	17.0282	5.94532	1
cg13486627	RG9MTD3	0.1014	0.816475	0.964021	-1.03732	0.774807	0.955795	-1.04625	0.0152855	1.59905	1.59905	0.724719	0.945795	-1.05731	0.0433773	1.44223	1.44223	0.347996	1.16451	1.16451	0.0672061	0.723748	-1.3817	0.412203	1.14128	1.14128	0.67614	1.06846	1.06846	2.5459	1.00172	0.349746	1
cg20557104	B3GNT8	0.101401	0.451835	0.678893	-1.47299	0.453131	1.47129	1.47129	0.706039	1.21101	1.21101	0.273196	1.77921	1.77921	0.256521	0.549698	-1.81918	0.512351	0.71481	-1.39897	0.00400087	7.05928	7.05928	0.564454	0.745028	-1.34223	0.594446	1.31194	1.31194	2.54589	10.2934	3.59389	1
cg08377314	EPN1;EPN1	0.101401	0.419082	1.08936	1.08936	0.178706	1.15964	1.15964	0.0311528	1.2998	1.2998	0.109427	1.19835	1.19835	0.364794	1.10136	1.10136	0.0542095	1.25421	1.25421	0.204199	0.870305	-1.14902	0.864892	1.01781	1.01781	0.0302364	1.30232	1.30232	2.54589	0.433364	0.151308	1
cg26035915	TROVE2;TROVE2;TROVE2;UCHL5	0.101401	0.376937	1.10694	1.10694	0.101166	1.22281	1.22281	0.0344027	1.3185	1.3185	0.292739	1.13011	1.13011	0.0730641	1.2511	1.2511	0.618661	1.05784	1.05784	0.630349	0.947113	-1.05584	0.269206	0.879023	-1.13763	0.0811398	0.805184	-1.24195	2.54589	0.506331	0.176784	1
cg06215908	NCRNA00207;NCRNA00207;NCRNA00207	0.101402	0.082748	0.43055	-2.32261	0.524072	0.753393	-1.32733	0.53305	0.758123	-1.31905	0.861265	1.07974	1.07974	0.0195181	0.28995	-3.44887	0.115667	0.472343	-2.11711	0.0130484	0.259056	-3.86017	0.0828953	0.43076	-2.32148	0.605174	0.795543	-1.257	2.54588	7.75627	2.70808	1
cg02803819	HOXA2	0.101404	0.229686	1.88577	1.88577	0.198113	1.98294	1.98294	0.402014	1.53984	1.53984	0.088969	2.57061	2.57061	0.765616	1.16238	1.16238	0.981121	1.01198	1.01198	0.924361	1.04896	1.04896	0.00623984	6.01367	6.01367	0.027485	3.71492	3.71492	2.54586	10.2136	3.56609	1
cg02083234	FEZF2	0.101405	0.965438	0.990457	-1.00963	0.0276303	1.77942	1.77942	0.821766	1.0512	1.0512	0.686821	0.914214	-1.09384	0.545379	0.87334	-1.14503	0.239384	1.31343	1.31343	0.0782546	0.648619	-1.54174	0.0258031	1.79637	1.79637	0.377115	1.22208	1.22208	2.54585	1.97449	0.689399	1
cg09800974	ADAMTS2;ADAMTS2	0.101408	0.910938	0.957953	-1.04389	0.0355448	2.5586	2.5586	0.006023	3.96541	3.96541	0.772752	0.894795	-1.11757	0.730115	0.87551	-1.14219	0.613485	0.822391	-1.21597	0.308868	1.49829	1.49829	0.627529	0.828852	-1.20649	0.363581	1.43113	1.43113	2.54582	5.94265	2.07491	1
cg12513221	ACCN3;ACCN3;ABCB8;ACCN3	0.101408	0.0745206	0.382668	-2.61323	0.066517	0.369786	-2.70427	0.374111	0.643336	-1.5544	0.870203	0.923981	-1.08227	0.0947616	0.411565	-2.42975	0.133259	0.457007	-2.18815	0.0169131	0.244465	-4.09056	0.0257554	0.27794	-3.5979	0.132502	0.456201	-2.19202	2.54581	9.42479	3.29073	1
cg04572259	GBAS	0.101411	0.870238	1.03389	1.03389	0.151309	1.36809	1.36809	0.179764	1.33698	1.33698	0.803252	1.0522	1.0522	0.0883608	1.46704	1.46704	0.532437	1.13756	1.13756	0.0104685	0.518503	-1.92863	0.39944	0.838761	-1.19223	0.809619	1.05043	1.05043	2.54579	1.67518	0.584907	1
cg09636163	ACOXL;ACOXL;ACOXL	0.101411	0.0285077	0.121548	-8.22719	0.0599308	0.177172	-5.64423	0.628919	0.672307	-1.48742	0.0358376	0.136545	-7.32359	0.0446322	0.152607	-6.55277	0.196237	0.328168	-3.04722	0.256616	0.380814	-2.62596	0.0434141	0.150484	-6.64523	0.0917713	0.220102	-4.54335	2.54578	26.8052	9.35934	1
cg16790849	NEU1	0.101413	0.257182	0.70301	-1.42245	0.0490807	0.511985	-1.95318	0.993474	1.00244	1.00244	0.686054	1.12873	1.12873	0.0254122	0.453098	-2.20703	0.707609	0.893796	-1.11882	0.0120608	0.393436	-2.54171	0.65603	1.14292	1.14292	0.766167	0.914963	-1.09294	2.54576	3.58027	1.2501	1
cg25080322	PARD3B;PARD3B;PARD3B	0.101415	0.158946	0.854365	-1.17046	0.554165	0.939362	-1.06455	0.505239	1.07324	1.07324	0.0886301	0.821712	-1.21697	0.489145	0.929176	-1.07622	0.140663	0.847314	-1.1802	0.0165175	1.35823	1.35823	0.668375	1.04608	1.04608	0.316411	1.11436	1.11436	2.54574	0.440664	0.153865	1
cg14822195	AKR1B10	0.101416	0.715061	1.14355	1.14355	0.708785	1.14712	1.14712	0.851618	1.07091	1.07091	0.294496	1.4885	1.4885	0.684658	0.861249	-1.1611	0.0452609	2.31705	2.31705	0.00682479	0.277459	-3.60413	0.671825	1.1687	1.1687	0.943259	0.974295	-1.02638	2.54573	5.39619	1.88418	1
cg04218124	VIL1	0.101421	0.704382	0.866489	-1.15408	0.414803	0.730973	-1.36804	0.0174461	0.336902	-2.96822	0.253125	0.638446	-1.5663	0.010042	0.294754	-3.39266	0.191457	0.594564	-1.68191	0.832243	0.92335	-1.08301	0.053758	0.438959	-2.27812	0.200327	0.601358	-1.6629	2.54568	5.6984	1.98974	1
cg11298627	PLCXD3	0.101421	0.719205	1.22996	1.22996	0.270245	0.517809	-1.93121	0.369363	1.69647	1.69647	0.484375	1.50293	1.50293	0.0353319	0.245344	-4.07591	0.23097	0.486557	-2.05526	0.0506951	3.58401	3.58401	0.0716923	3.16743	3.16743	0.695365	1.2531	1.2531	2.54567	13.2521	4.62731	1
cg23385817	GDF2	0.101421	0.820677	1.05813	1.05813	0.667633	1.11349	1.11349	0.060778	0.590945	-1.6922	0.288733	1.31531	1.31531	0.255474	1.34371	1.34371	0.0646482	1.67611	1.67611	0.0369212	1.82775	1.82775	0.205681	0.717316	-1.39409	0.430968	0.818703	-1.22144	2.54567	2.49685	0.87184	1
cg12401343	WFS1;WFS1	0.101423	0.472937	1.1743	1.1743	0.439719	1.1894	1.1894	0.360141	1.23008	1.23008	0.87834	0.966846	-1.03429	0.00630944	0.457057	-2.18791	0.308639	0.793003	-1.26103	0.0650972	0.6339	-1.57754	0.740946	0.929578	-1.07576	0.681424	1.09511	1.09511	2.54565	1.95329	0.682046	1
cg24411870	PTK2;PTK2	0.101425	0.0876813	0.353491	-2.82893	0.0439396	0.278807	-3.58671	0.0483876	0.28817	-3.47018	0.668151	0.788278	-1.26859	0.0347722	0.257307	-3.8864	0.173159	0.449512	-2.22463	0.0191646	0.209387	-4.77584	0.151827	0.428701	-2.33263	0.212237	0.484401	-2.0644	2.54563	12.2693	4.28422	1
cg21898884	HDGFL1	0.101425	0.412583	0.747809	-1.33724	0.0810468	0.511178	-1.95626	0.117557	0.55451	-1.80339	0.234433	0.648967	-1.54091	0.00668847	0.295112	-3.38854	0.712324	1.1371	1.1371	0.539885	1.24022	1.24022	0.616802	0.839447	-1.19126	0.0844774	0.515803	-1.93873	2.54563	4.85183	1.69417	1
cg12239557	TACC2;TACC2	0.101426	0.0967709	0.325963	-3.06783	0.0046303	0.0986263	-10.1393	0.151197	0.388388	-2.57475	0.534664	0.679329	-1.47204	0.178853	0.415555	-2.40642	0.289997	0.509012	-1.96459	0.0637551	0.277629	-3.60192	0.109494	0.341993	-2.92404	0.691488	0.782499	-1.27796	2.54562	15.2435	5.32277	1
cg14606117	DUSP14	0.101426	0.140658	2.67012	2.67012	0.0413922	4.29636	4.29636	0.316654	1.89937	1.89937	0.548104	1.45735	1.45735	0.458891	0.626652	-1.59578	0.203383	0.435174	-2.29793	0.271892	0.492257	-2.03146	0.353811	1.80613	1.80613	0.0441353	0.238576	-4.19154	2.54562	15.4827	5.4063	1
cg07254055	ANKS1A	0.101431	0.633362	1.17205	1.17205	0.393023	0.74897	-1.33517	0.00270574	0.254406	-3.93072	0.74171	1.11546	1.11546	0.665667	0.866219	-1.15444	0.619652	1.17974	1.17974	0.334003	1.38982	1.38982	0.727317	1.1226	1.1226	0.856149	0.941815	-1.06178	2.54557	4.39986	1.53639	1
cg11495915	KCTD6	0.101434	0.0275458	6.45554	6.45554	0.302069	2.14915	2.14915	0.310549	2.1188	2.1188	0.0380033	5.59208	5.59208	0.0414385	5.38095	5.38095	0.117866	3.37092	3.37092	0.598039	1.46335	1.46335	0.183773	0.36454	-2.74318	0.784926	1.21623	1.21623	2.54554	20.6448	7.20905	1
cg26327732	ALDH7A1	0.101435	0.914204	0.988211	-1.01193	0.262792	0.879432	-1.1371	0.15973	1.17978	1.17978	0.0104267	1.42602	1.42602	0.69013	1.04509	1.04509	0.47553	0.923259	-1.08312	0.372066	0.904069	-1.10611	0.923405	1.01064	1.01064	0.0509816	1.27715	1.27715	2.54553	0.488216	0.170483	1
cg08414021	VPS8;VPS8	0.101435	0.127381	0.631918	-1.58248	0.0820358	0.584819	-1.70993	0.696276	0.896533	-1.11541	0.764911	1.08708	1.08708	0.0303534	2.03138	2.03138	0.705572	1.11146	1.11146	0.0466932	1.88535	1.88535	0.293763	1.3542	1.3542	0.859443	0.951847	-1.05059	2.54553	3.12517	1.0913	1
cg16661123	TNXB	0.101435	0.124144	0.640772	-1.56062	0.17308	0.678728	-1.47334	0.0602659	0.567537	-1.762	0.670565	1.12118	1.12118	0.0279159	0.499366	-2.00254	0.126258	1.55612	1.55612	0.0931733	0.610367	-1.63836	0.272967	0.737133	-1.35661	0.399299	0.79401	-1.25943	2.54553	2.88075	1.00595	1
cg09709142	MBNL2;MBNL2	0.101435	0.266941	1.67316	1.67316	0.00509451	5.19367	5.19367	0.915564	0.953899	-1.04833	0.259281	0.592294	-1.68835	0.934568	0.964118	-1.03722	0.429009	1.43234	1.43234	0.280467	1.64751	1.64751	0.0712036	2.45186	2.45186	0.974763	0.98602	-1.01418	2.54552	7.98462	2.78821	1
cg09488352	C6orf142	0.101441	0.0843033	0.41627	-2.40229	0.0206677	0.278352	-3.59257	0.0321867	0.316189	-3.16266	0.462692	0.709573	-1.4093	0.0503067	0.359155	-2.78431	0.0822439	0.413321	-2.41943	0.0748894	0.402361	-2.48533	0.102536	0.440477	-2.27026	0.572131	0.769524	-1.2995	2.54546	8.49097	2.9651	1
cg11507343	C20orf12;POLR3F;C20orf12	0.101442	0.66612	1.05942	1.05942	0.00563992	1.62097	1.62097	0.193172	1.20093	1.20093	0.896348	0.982819	-1.01748	0.721792	1.04869	1.04869	0.0625577	1.32138	1.32138	0.23987	0.849053	-1.17778	0.228279	1.1831	1.1831	0.560122	1.08149	1.08149	2.54544	0.712732	0.248892	1
cg03002232	SF3B3;COG4	0.101443	?	?	?	0.0224191	6.03095	6.03095	0.0223207	6.04193	6.04193	0.471206	1.61847	1.61847	0.644852	0.737199	-1.35649	0.64406	1.35749	1.35749	0.188516	0.400409	-2.49745	0.699276	1.29046	1.29046	0.470691	0.617508	-1.61941	2.57313	15.6325	6.0753	1
cg13561477	CNTN5;CNTN5	0.101447	0.411935	0.854562	-1.17019	0.560055	0.895478	-1.11672	0.558995	0.895205	-1.11706	0.0564898	0.667297	-1.49858	0.507795	0.881727	-1.13414	0.619047	0.910372	-1.09845	0.00223194	0.448324	-2.23053	0.679241	0.92506	-1.08101	0.688653	0.92732	-1.07838	2.54539	1.41486	0.494089	1
cg17083411	BTG2	0.101448	0.926796	0.990303	-1.00979	0.0556049	0.794529	-1.25861	0.501224	0.930171	-1.07507	0.422478	0.916785	-1.09077	0.725307	0.963283	-1.03812	0.0863733	0.818003	-1.22249	0.013075	0.7215	-1.386	0.308115	1.11836	1.11836	0.0481632	0.787047	-1.27057	2.54538	0.453287	0.158295	1
cg10878230	LNPEP;LNPEP	0.10145	0.922575	0.975501	-1.02511	0.682196	0.900281	-1.11076	0.00696402	0.410352	-2.43693	0.128684	0.657721	-1.5204	0.613481	0.87813	-1.13878	0.227703	0.723907	-1.38139	0.025353	0.50752	-1.97037	0.780537	1.07387	1.07387	0.673342	1.11426	1.11426	2.54536	2.62449	0.916524	1
cg06369327	ZIC4;ZIC4	0.101452	0.10524	0.176819	-5.65549	0.487571	0.501399	-1.99442	0.344452	2.59402	2.59402	0.0950613	0.166049	-6.02231	0.0838658	0.15374	-6.5045	0.148287	0.219174	-4.56257	0.843933	0.824538	-1.2128	0.0698022	0.137416	-7.27717	0.0136313	0.0504385	-19.8261	2.54533	38.6251	13.4888	1
cg08876441	FAM5C	0.101453	0.899949	0.963112	-1.0383	0.94227	1.02188	1.02188	0.377874	1.31044	1.31044	0.830346	0.937897	-1.06622	0.00477613	0.326494	-3.06285	0.0495033	0.51185	-1.9537	0.210775	0.67434	-1.48293	0.782317	1.08629	1.08629	0.618329	0.860632	-1.16194	2.54533	3.59952	1.25704	1
cg10313278	FHAD1	0.101456	0.166705	0.633265	-1.57912	0.808119	1.07831	1.07831	0.0523174	0.504668	-1.9815	0.985407	0.994349	-1.00568	0.763548	1.098	1.098	0.0625078	0.522261	-1.91475	0.0342527	2.14988	2.14988	0.754769	1.10196	1.10196	0.22091	1.48997	1.48997	2.54529	3.87064	1.35174	1
cg22444445	EFR3B	0.101456	0.41845	0.755	-1.3245	0.851917	0.938454	-1.06558	0.304332	0.696561	-1.43562	0.121363	0.565023	-1.76984	0.374883	1.36286	1.36286	0.216111	1.55656	1.55656	0.013207	2.84107	2.84107	0.165191	1.65401	1.65401	0.384793	0.738681	-1.35376	2.54529	4.65773	1.62661	1
cg16259330	ARNTL;ARNTL;ARNTL	0.101457	0.699014	1.06427	1.06427	0.949118	1.01028	1.01028	0.638572	0.926958	-1.0788	0.0490624	0.697525	-1.43364	0.0206348	0.639595	-1.56349	0.0833514	0.735423	-1.35976	0.0427552	0.688035	-1.45341	0.316838	1.18046	1.18046	0.566502	0.91129	-1.09735	2.54529	1.03615	0.361854	1
cg06059043	RAB11FIP3;RAB11FIP3	0.101457	0.837875	0.918791	-1.08839	0.0448359	2.59074	2.59074	0.10832	2.06305	2.06305	0.898858	0.94879	-1.05397	0.333808	0.662262	-1.50998	0.351536	1.48639	1.48639	0.0321101	0.354241	-2.82294	0.147564	1.90095	1.90095	0.473761	0.739937	-1.35147	2.54528	6.88906	2.40587	1
cg16011679	C1orf52;C1orf52	0.101458	0.278562	0.714468	-1.39964	0.24782	0.697292	-1.43412	0.33499	0.743263	-1.34542	0.592487	1.17495	1.17495	0.0218157	0.439816	-2.27368	0.0481604	1.96192	1.96192	0.144341	1.59674	1.59674	0.811894	1.07374	1.07374	0.639998	1.15093	1.15093	2.54528	3.58983	1.25368	1
cg11018337	FLJ45983;GATA3;GATA3;FLJ45983	0.101458	0.105113	0.634465	-1.57613	0.867145	1.04395	1.04395	0.396079	0.799884	-1.25018	0.546244	0.854797	-1.16987	0.395372	1.25062	1.25062	0.448126	0.819861	-1.21972	0.0112412	0.442197	-2.26143	0.23517	0.726385	-1.37668	0.0808518	1.6444	1.6444	2.54527	2.661	0.929305	1
cg09936142	KRI1	0.101458	0.0794555	0.64131	-1.55931	0.84026	0.954991	-1.04713	0.0152562	0.506678	-1.97364	0.81734	1.05421	1.05421	0.344173	0.800632	-1.24901	0.127582	1.45639	1.45639	0.323188	1.2622	1.2622	0.102184	0.664865	-1.50407	0.48158	0.849392	-1.17731	2.54527	2.09912	0.73308	1
cg27573591	SND1;LRRC4	0.101458	0.839576	1.04364	1.04364	0.524372	1.14561	1.14561	0.559076	1.13257	1.13257	0.656181	0.909905	-1.09902	0.460621	1.1715	1.1715	0.842808	1.04272	1.04272	0.00732302	0.482614	-2.07205	0.229815	1.30407	1.30407	0.0622995	1.55607	1.55607	2.54527	1.78981	0.625059	1
cg05127153	ACOT7	0.101463	0.300814	0.840015	-1.19045	0.134386	1.30016	1.30016	0.216252	1.23565	1.23565	0.890783	0.977907	-1.02259	0.789142	0.957352	-1.04455	0.110689	0.753801	-1.32661	0.00786497	0.574353	-1.74109	0.724091	0.943997	-1.05932	0.690415	0.936974	-1.06727	2.54521	1.06587	0.372243	1
cg12240975	KIF23;KIF23	0.101464	0.529437	1.13043	1.13043	0.307388	0.816012	-1.22547	0.0423208	0.637615	-1.56834	0.794058	0.950904	-1.05163	0.588055	1.11097	1.11097	0.706371	0.929759	-1.07555	0.00895022	1.8961	1.8961	0.428251	0.855876	-1.16839	0.6652	0.919631	-1.08739	2.54521	1.49268	0.521304	1
cg19207017	SUFU	0.101464	0.163531	0.281578	-3.55141	0.106651	4.48813	4.48813	0.65115	1.47396	1.47396	0.269556	0.375337	-2.66427	0.898531	0.896971	-1.11486	0.916074	0.914076	-1.094	0.0126147	0.0711234	-14.0601	0.855018	1.1687	1.1687	0.0563448	0.158548	-6.30724	2.54521	29.2817	10.2263	1
cg08022524	PAX3;PAX3;PAX3;CCDC140;PAX3;PAX3;PAX3;PAX3;PAX3	0.101469	0.162947	1.96153	1.96153	0.278791	1.66431	1.66431	0.120822	0.467176	-2.14052	0.144573	2.03179	2.03179	0.389188	0.670859	-1.49063	0.249922	0.580467	-1.72275	0.0367396	0.333643	-2.99722	0.0983925	0.440452	-2.27039	0.983732	1.00927	1.00927	2.54516	8.24895	2.88092	1
cg21650862	EHBP1	0.101469	0.953858	0.990129	-1.00997	0.0794471	0.716228	-1.3962	0.396674	0.861746	-1.16043	0.522403	0.894812	-1.11755	0.512584	1.12059	1.12059	0.42485	0.869605	-1.14995	0.00672475	1.82666	1.82666	0.446721	1.1422	1.1422	0.516492	1.11937	1.11937	2.54516	1.1847	0.413755	1
cg13782274	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.101471	0.643496	1.55758	1.55758	0.0056016	31.7667	31.7667	0.0154436	16.8676	16.8676	0.83694	1.21646	1.21646	0.320294	2.65493	2.65493	0.626044	1.5951	1.5951	0.348215	2.50497	2.50497	0.2461	3.16876	3.16876	0.973487	0.968895	-1.0321	2.54513	36.4406	12.7269	1
cg25152942	MIA	0.101471	0.0952099	0.39281	-2.54576	0.0394751	0.296996	-3.36705	0.0137418	0.211668	-4.72439	0.530878	0.72357	-1.38204	0.259617	0.54914	-1.82103	0.0435239	0.306322	-3.26454	0.117928	0.420893	-2.3759	0.267024	0.554659	-1.80291	0.645434	1.26636	1.26636	2.54513	10.4722	3.65742	1
cg13161658	KCNA4	0.101471	0.116587	1.46849	1.46849	0.00508189	2.30384	2.30384	0.0794218	1.55078	1.55078	0.114953	1.47147	1.47147	0.783073	0.939703	-1.06417	0.163572	1.39801	1.39801	0.68541	1.09612	1.09612	0.494154	1.16936	1.16936	0.848278	0.957757	-1.04411	2.54513	2.04694	0.714895	1
cg17638160	COL23A1	0.101474	0.505846	0.771723	-1.2958	0.548239	0.791988	-1.26265	0.0882407	0.485751	-2.05867	0.305227	1.50311	1.50311	0.0327361	0.383274	-2.6091	0.685421	1.1692	1.1692	0.0139453	0.311692	-3.20829	0.858907	1.07069	1.07069	0.157108	0.559436	-1.78751	2.5451	5.93928	2.07432	1
cg24049493	HIVEP3;HIVEP3	0.101476	0.785695	0.872005	-1.14678	0.301266	1.71296	1.71296	0.999854	1.00009	1.00009	0.0671232	0.356586	-2.80437	0.0325034	0.284306	-3.51734	0.739777	0.845771	-1.18235	0.464778	0.688069	-1.45334	0.0115886	0.204723	-4.88464	0.189599	0.497462	-2.0102	2.54508	10.179	3.55508	1
cg17394996	AGGF1	0.101477	0.0200504	0.442454	-2.26012	0.87363	0.954795	-1.04735	0.718063	0.899989	-1.11112	0.0350975	2.04106	2.04106	0.107704	1.66556	1.66556	0.418808	1.27136	1.27136	0.295302	0.729483	-1.37083	0.504865	1.21733	1.21733	0.858056	1.05341	1.05341	2.54507	3.40449	1.18905	1
cg16945378	KCTD17	0.101479	0.465616	0.903454	-1.10686	0.0873935	0.772568	-1.29439	0.770941	0.960868	-1.04073	0.871035	0.978029	-1.02246	0.130477	0.799865	-1.25021	0.00609214	0.612869	-1.63167	0.115412	0.79134	-1.26368	0.299033	1.15856	1.15856	0.998966	0.999823	-1.00018	2.54505	0.753614	0.263209	1
cg08680146	SYT13	0.101481	0.937902	1.01908	1.01908	0.449445	1.20558	1.20558	0.268466	1.32258	1.32258	0.933395	1.02048	1.02048	0.159114	0.694171	-1.44057	0.326446	0.782114	-1.27859	0.00543475	0.411769	-2.42854	0.423363	1.21939	1.21939	0.303306	0.772107	-1.29516	2.54503	2.37172	0.828358	1
cg13560794	KRTAP3-2;KRTAP3-2	0.101481	0.0412298	0.215937	-4.63097	0.0773938	0.278634	-3.58894	0.250584	0.457746	-2.18462	0.0947339	0.3026	-3.3047	0.0350744	0.202258	-4.94418	0.0954138	0.303488	-3.29502	0.0275046	0.183242	-5.45727	0.0972577	0.305879	-3.26926	0.0865607	0.291637	-3.42892	2.54503	17.0773	5.9645	1
cg10197238	RNASE1;RNASE1;RNASE1;RNASE1	0.101481	0.113242	3.1812	3.1812	0.175904	2.62802	2.62802	0.748356	0.805646	-1.24124	0.45486	1.66711	1.66711	0.108527	3.23936	3.23936	0.24225	2.27444	2.27444	0.0120169	8.19406	8.19406	0.185698	0.389777	-2.56557	0.120209	3.10105	3.10105	2.54502	18.1706	6.34639	1
cg07020453	TSSC1	0.101482	0.073277	0.636736	-1.57051	0.588333	1.13145	1.13145	0.420846	0.830396	-1.20424	0.521523	0.863436	-1.15816	0.00784886	0.462553	-2.16191	0.0656228	0.626919	-1.5951	0.434544	1.19746	1.19746	0.850564	0.958271	-1.04355	0.167028	0.716822	-1.39505	2.54502	2.05876	0.719055	1
cg24425560	CEP57;FAM76B;FAM76B	0.101484	0.878938	1.10647	1.10647	0.735699	1.25219	1.25219	0.408161	1.75348	1.75348	0.512242	0.643257	-1.55459	0.697493	1.29602	1.29602	0.692081	0.767795	-1.30243	0.00254001	0.062003	-16.1282	0.476265	1.61738	1.61738	0.816294	1.16704	1.16704	2.54499	17.7609	6.20336	1
cg05151348	ACIN1;ACIN1;ACIN1	0.101486	0.129899	0.670187	-1.49212	0.208438	1.38319	1.38319	0.989869	1.00311	1.00311	0.707808	0.912013	-1.09648	0.0105894	0.455481	-2.19548	0.150187	0.685707	-1.45835	0.166991	0.697406	-1.43388	0.738028	1.08558	1.08558	0.0782004	0.619621	-1.61389	2.54497	2.41185	0.842392	1
cg07124366	SEC13;SEC13;SEC13;SEC13	0.101486	0.0947998	0.325483	-3.07236	0.0266627	0.200743	-4.9815	0.146128	0.385264	-2.59562	0.686818	1.28119	1.28119	0.29732	0.51657	-1.93585	0.150145	0.389426	-2.56788	0.0145847	0.158967	-6.29063	0.525077	0.674538	-1.4825	0.0639171	0.279955	-3.57201	2.54497	15.0647	5.26168	1
cg19128364	PTPRN2;PTPRN2;PTPRN2	0.101487	0.506963	0.827731	-1.20812	0.990862	0.996789	-1.00322	0.874729	0.956661	-1.0453	0.357217	1.30462	1.30462	0.00497712	0.352027	-2.84069	0.698084	0.896311	-1.11568	0.0617931	0.553928	-1.80529	0.156856	0.653623	-1.52993	0.210715	0.690489	-1.44825	2.54496	3.17873	1.11025	1
cg20831413	ARAP1	0.101488	0.507755	1.35158	1.35158	0.784429	0.884315	-1.13082	0.328828	0.636438	-1.57124	0.588708	0.782891	-1.27732	0.397589	1.47455	1.47455	0.739834	0.861209	-1.16116	0.0137775	3.91617	3.91617	0.0153448	3.79685	3.79685	0.41443	1.45361	1.45361	2.54495	8.10255	2.83003	1
cg06497612	LOC643387;LOC151174;LOC151174	0.101488	0.670293	0.828829	-1.20652	0.0909008	2.26244	2.26244	0.0606081	2.52795	2.52795	0.161566	1.92577	1.92577	0.222862	0.570345	-1.75333	0.447664	0.712301	-1.4039	0.452717	0.715088	-1.39843	0.038218	0.348898	-2.86617	0.509058	0.745543	-1.3413	2.54495	7.74592	2.70546	1
cg26670626	ZKSCAN1;ZKSCAN1	0.10149	0.870814	1.03677	1.03677	0.0418348	1.68271	1.68271	0.165451	1.38845	1.38845	0.899626	0.972393	-1.02839	0.0261425	0.556867	-1.79576	0.45604	0.845001	-1.18343	0.0707721	0.638957	-1.56505	0.859328	0.961409	-1.04014	0.757186	1.07122	1.07122	2.54493	1.98374	0.692876	1
cg16360247	DHRS4;C14orf167;C14orf167;C14orf167;C14orf167	0.10149	0.85315	0.886254	-1.12834	0.0479104	0.229053	-4.3658	0.156663	0.372591	-2.68391	0.0094858	8.51512	8.51512	0.753865	0.814666	-1.2275	0.676337	0.760638	-1.31469	0.369079	1.82424	1.82424	0.912174	0.930623	-1.07455	0.943592	0.954933	-1.04719	2.54493	17.117	5.9786	1
cg26475094	MIR138-2	0.101493	0.259728	0.782858	-1.27737	0.0212526	0.561822	-1.77992	0.154135	1.37391	1.37391	0.48592	0.862924	-1.15885	0.13483	0.714855	-1.39888	0.77183	1.06241	1.06241	0.0618947	1.54927	1.54927	0.455263	0.853546	-1.17158	0.658469	1.09705	1.09705	2.54489	1.7475	0.610374	1
cg19372178	ANO7;ANO7	0.101493	0.180109	0.743464	-1.34505	0.087762	1.48058	1.48058	0.970944	0.992444	-1.00761	0.203806	1.3222	1.3222	0.0430447	0.615817	-1.62386	0.635414	1.10457	1.10457	0.0816474	1.4946	1.4946	0.719165	1.07809	1.07809	0.141034	0.719159	-1.39051	2.54489	1.74785	0.610496	1
cg05485462	CLDN9	0.101494	0.0923509	2.12383	2.12383	0.204644	1.72327	1.72327	0.0500473	2.48072	2.48072	0.121319	1.97978	1.97978	0.671493	1.1894	1.1894	0.69445	0.851696	-1.17413	0.172383	0.554021	-1.80499	0.678079	0.843898	-1.18498	0.0242057	2.98203	2.98203	2.54488	6.66355	2.32748	1
cg10070260	ISLR2;ISLR2;LOC283731;ISLR2;ISLR2	0.101494	0.52863	0.883325	-1.13209	0.872334	1.03175	1.03175	0.355204	1.20302	1.20302	0.403114	1.1809	1.1809	0.0298091	0.608418	-1.64361	0.114374	0.716239	-1.39618	0.659218	1.09008	1.09008	0.272921	1.24827	1.24827	0.0312698	1.6341	1.6341	2.54488	1.5223	0.531717	1
cg16584092	GNB2L1;SNORD95;SNORD96A	0.101495	0.272141	0.872734	-1.14582	0.139792	0.827614	-1.20829	0.78947	0.968634	-1.03238	0.867058	1.02015	1.02015	0.405714	1.10661	1.10661	0.0369315	1.33453	1.33453	0.0641344	0.78056	-1.28113	0.431768	0.908873	-1.10026	0.0766221	1.26432	1.26432	2.54487	0.571589	0.199649	1
cg26953232	BRD2;BRD2	0.101497	0.157883	0.6594	-1.51653	0.911221	0.969708	-1.03124	0.0229525	2.11764	2.11764	0.914866	0.970939	-1.02993	0.135222	0.64141	-1.55906	0.472253	1.22341	1.22341	0.148566	0.652249	-1.53316	0.135871	1.55774	1.55774	0.219535	1.42771	1.42771	2.54485	3.0656	1.07078	1
cg11199097	DIP2C	0.101499	?	?	?	0.0270362	1.38455	1.38455	0.907919	0.985722	-1.01449	0.482188	0.915045	-1.09284	0.2291	1.16984	1.16984	0.518094	1.08485	1.08485	0.0163877	1.43999	1.43999	0.426913	0.904091	-1.10608	0.210483	1.17822	1.17822	2.57251	0.559474	0.217482	1
cg08028295	CDC42BPG	0.1015	0.0196702	4.06721	4.06721	0.166709	2.08353	2.08353	0.848375	1.09999	1.09999	0.426738	0.667617	-1.49786	0.153409	0.467162	-2.14059	0.190282	1.9949	1.9949	0.189298	1.99833	1.99833	0.107987	2.39446	2.39446	0.098302	2.46632	2.46632	2.54481	9.99074	3.48971	1
cg18474072	DIP2C	0.101502	0.810612	1.18147	1.18147	0.2198	2.4504	2.4504	0.25704	2.27432	2.27432	0.347795	1.95713	1.95713	0.231699	0.418393	-2.3901	0.896579	1.09454	1.09454	0.193352	0.384392	-2.60151	0.00810941	10.5346	10.5346	0.147547	2.9429	2.9429	2.5448	19.4467	6.79264	1
cg04828493	CARS2	0.101505	0.493842	1.24615	1.24615	0.0181958	2.47953	2.47953	0.0485145	0.489782	-2.04172	0.293886	0.708351	-1.41173	0.44368	1.28061	1.28061	0.584051	0.839372	-1.19137	0.113963	1.72392	1.72392	0.762506	0.908475	-1.10075	0.48443	0.79849	-1.25236	2.54477	4.0426	1.41208	1
cg05276243	NUP93	0.101506	0.0424779	0.653987	-1.52908	0.0921196	0.713903	-1.40075	0.327092	0.832025	-1.20189	0.208546	0.785855	-1.2725	0.469474	1.14312	1.14312	0.177011	0.770411	-1.29801	0.0360777	1.55756	1.55756	0.719796	1.06767	1.06767	0.872782	1.02956	1.02956	2.54475	1.33162	0.465138	1
cg01419164	EBF3	0.101507	0.683762	1.10638	1.10638	0.0394795	0.555462	-1.8003	0.0155097	0.480525	-2.08106	0.503056	0.845547	-1.18267	0.0570123	0.587656	-1.70168	0.0619648	0.595215	-1.68006	0.138281	0.674396	-1.48281	0.415979	0.814461	-1.22781	0.121856	0.661031	-1.51279	2.54474	2.45595	0.857873	1
cg20548564	POLR1D	0.101508	0.0550463	1.47467	1.47467	0.86465	1.03093	1.03093	0.884305	0.974336	-1.02634	0.7137	1.06801	1.06801	0.0975648	1.38348	1.38348	0.0456828	1.50547	1.50547	0.00687896	1.86792	1.86792	0.722215	1.06581	1.06581	0.410107	1.16232	1.16232	2.54473	1.28502	0.448866	1
cg23597430	RPRD1B	0.101512	0.917689	0.984594	-1.01565	0.956142	0.991774	-1.00829	0.555131	0.914255	-1.09379	0.855141	1.02783	1.02783	0.00884124	0.606179	-1.64968	0.0139372	0.633697	-1.57804	0.258255	0.837633	-1.19384	0.753067	1.04854	1.04854	0.206426	0.818604	-1.22159	2.54468	0.909149	0.317577	1
cg25836169	C3orf39	0.101513	0.323881	0.652459	-1.53266	0.149852	1.90989	1.90989	0.256662	1.64246	1.64246	0.612086	0.80709	-1.23902	0.00848664	0.244604	-4.08824	0.16486	0.537419	-1.86075	0.800667	1.11186	1.11186	0.864121	0.930731	-1.07442	0.173651	0.545155	-1.83434	2.54468	7.07892	2.47276	1
cg13478617	GNPTG	0.101513	0.057775	0.595998	-1.67786	0.323577	0.781963	-1.27883	0.246263	0.746387	-1.33979	0.862022	1.04286	1.04286	0.875485	0.962879	-1.03855	0.0171101	0.496043	-2.01595	0.0254729	0.527026	-1.89744	0.294436	1.29994	1.29994	0.40158	0.812934	-1.23011	2.54467	2.34532	0.819251	1
cg17513182	GATAD2B	0.101513	0.0802645	0.706351	-1.41573	0.0935034	0.718574	-1.39164	0.0631854	0.687719	-1.45408	0.306902	0.827369	-1.20865	0.255096	0.808259	-1.23723	0.0959423	0.720664	-1.38761	0.0196752	0.603618	-1.65668	0.546825	1.11543	1.11543	0.401862	1.16616	1.16616	2.54467	1.29359	0.451868	1
cg07438238	PHYHIP;PHYHIP	0.101513	0.624413	0.741536	-1.34855	0.0386533	4.26875	4.26875	0.0995985	2.98545	2.98545	0.780977	1.18402	1.18402	0.0879813	0.319486	-3.13003	0.0459934	0.250107	-3.99829	0.31897	1.86664	1.86664	0.636069	1.33491	1.33491	0.702962	1.26134	1.26134	2.54467	14.8001	5.16989	1
cg00730857	WHSC2	0.101515	0.147719	0.415114	-2.40898	0.115527	2.63396	2.63396	0.117212	2.62026	2.62026	0.820746	1.13709	1.13709	0.0185013	0.198481	-5.03826	0.758743	1.19051	1.19051	0.965321	0.97569	-1.02492	0.207715	2.12123	2.12123	0.279344	1.89015	1.89015	2.54466	12.914	4.51107	1
cg05373339	TUG1;MORC2	0.101516	0.038838	4.37565	4.37565	0.519805	1.48324	1.48324	0.059807	3.68798	3.68798	0.319254	1.86593	1.86593	0.0507876	3.93387	3.93387	0.227882	2.15738	2.15738	0.013038	6.83948	6.83948	0.0559836	3.78537	3.78537	0.104305	2.9613	2.9613	2.70586	15.2522	4.38414	1
cg17505193	KLHL17	0.101516	0.639794	1.12589	1.12589	0.0460431	0.562628	-1.77737	0.66953	1.11405	1.11405	0.556798	0.861136	-1.16126	0.0617628	0.589053	-1.69764	0.71312	0.911287	-1.09735	0.01991	2.02778	2.02778	0.757125	0.92493	-1.08116	0.362027	1.26579	1.26579	2.54464	2.55043	0.89091	1
cg22338307	TPRKB	0.101518	0.676853	0.804254	-1.24339	0.0779779	0.361337	-2.7675	0.49857	0.699718	-1.42915	0.0800605	2.74389	2.74389	0.0866572	0.373962	-2.67407	0.273855	0.553317	-1.80728	0.275245	0.554341	-1.80394	0.0482416	3.23245	3.23245	0.646567	1.27121	1.27121	2.54462	10.8872	3.80311	1
cg12375586	C7orf44	0.101519	0.199768	0.610691	-1.63749	0.114804	1.86699	1.86699	0.0706733	2.08624	2.08624	0.456428	0.758714	-1.31802	0.0174698	0.348804	-2.86694	0.398399	0.729956	-1.36995	0.521496	1.26687	1.26687	0.854278	1.06922	1.06922	0.448169	0.754715	-1.325	2.54461	5.34147	1.86589	1
cg10270055	PRDM15;PRDM15	0.101522	0.38056	0.863633	-1.1579	0.694963	0.937784	-1.06634	0.0177758	0.625149	-1.59962	0.0553613	0.701874	-1.42476	0.475194	0.888377	-1.12565	0.623846	1.0839	1.0839	0.0543927	1.4273	1.4273	0.810282	1.03998	1.03998	0.264374	0.827273	-1.20879	2.54458	1.07072	0.37403	1
cg17631116	CASR	0.101523	0.171378	0.688621	-1.45218	0.729155	1.09313	1.09313	0.615885	0.87846	-1.13836	0.925164	0.976219	-1.02436	0.0194491	0.484946	-2.06208	0.530527	1.17676	1.17676	0.0626819	1.71019	1.71019	0.183534	0.696643	-1.43546	0.0883523	0.617737	-1.61881	2.54457	2.64487	0.923926	1
cg26761226	OBFC2B	0.101524	0.682258	1.08738	1.08738	0.0464492	0.628665	-1.59067	0.155461	1.36251	1.36251	0.0834799	0.677134	-1.47681	0.170658	1.34571	1.34571	0.230498	0.774142	-1.29175	0.074064	1.49947	1.49947	0.666463	1.09226	1.09226	0.70178	0.924689	-1.08144	2.54456	1.66902	0.583037	1
cg00481415	TAPBP;TAPBP;RGL2;RGL2	0.101526	0.0700828	0.669542	-1.49356	0.0687806	1.49702	1.49702	0.613688	1.1061	1.1061	0.55056	0.887244	-1.12709	0.222094	0.775539	-1.28943	0.139072	0.729502	-1.3708	0.122172	1.39355	1.39355	0.390819	1.19027	1.19027	0.112803	0.710405	-1.40765	2.54453	1.58137	0.552426	1
cg05111873	MRPL27;EME1;EME1	0.101526	0.14806	1.61257	1.61257	0.0109647	2.67249	2.67249	0.167289	1.57354	1.57354	?	?	?	0.036569	2.11302	2.11302	0.900972	0.96239	-1.03908	0.776516	0.916092	-1.09159	0.420056	1.28877	1.28877	0.128974	1.65734	1.65734	2.57221	3.43392	1.33501	1
cg02996006	KCTD13	0.10153	0.171791	0.51042	-1.95917	0.221872	0.557235	-1.79457	0.894486	1.05882	1.05882	?	?	?	0.360942	1.51737	1.51737	?	?	?	0.894447	0.944428	-1.05884	0.0139757	5.41444	5.41444	0.844144	1.08855	1.08855	3.9402	7.83046	1.13561	1
cg03071553	FUT5	0.101531	0.13112	0.356398	-2.80585	0.372786	1.78449	1.78449	0.225739	0.446996	-2.23716	0.266909	0.480898	-2.07944	0.0212522	0.173319	-5.76972	0.720331	0.796487	-1.25551	0.0163416	0.155982	-6.41101	0.083707	0.297739	-3.35865	0.754767	0.820102	-1.21936	2.54448	16.1443	5.63984	1
cg09564741	SEC1;NTN5	0.101531	0.31552	1.34885	1.34885	0.00821645	2.65111	2.65111	0.0471674	1.92501	1.92501	0.200624	1.47666	1.47666	0.676543	1.1286	1.1286	0.0414377	1.97018	1.97018	0.0614361	1.836	1.836	0.30756	1.35603	1.35603	0.616668	1.15665	1.15665	2.54448	3.35076	1.17055	1
cg20010135	HSD3B7;HSD3B7;HSD3B7	0.101534	0.171949	0.543579	-1.83966	0.0131426	3.62961	3.62961	0.0552049	2.48734	2.48734	0.0665019	2.3695	2.3695	0.899224	0.94827	-1.05455	0.91952	1.04328	1.04328	0.963851	0.981179	-1.01918	0.209641	1.74075	1.74075	0.79682	1.11423	1.11423	2.54445	7.08241	2.4742	1
cg25872885	PLEKHM1P	0.101535	0.511077	0.740011	-1.35133	0.300489	1.62358	1.62358	0.1773	1.91114	1.91114	0.0132771	0.250059	-3.99906	0.93761	0.965256	-1.03599	0.430134	0.695047	-1.43875	0.298638	0.614694	-1.62683	0.0313097	0.319475	-3.13013	0.634226	0.805323	-1.24174	2.54444	8.22253	2.87251	1
cg06468166	FBXL7	0.101536	0.526448	1.12514	1.12514	0.804163	0.955386	-1.0467	0.395494	1.17334	1.17334	0.0551913	1.4908	1.4908	0.0499248	1.50796	1.50796	0.0101382	1.81444	1.81444	0.176448	1.30211	1.30211	0.364336	1.18678	1.18678	0.0470363	1.51824	1.51824	2.54443	1.3599	0.475077	1
cg22329336	MAD1L1;MAD1L1;MAD1L1	0.101536	0.417813	0.73754	-1.35586	0.685808	0.861102	-1.1613	0.0565327	0.452137	-2.21172	0.0395449	0.416703	-2.39979	0.0199466	0.355988	-2.80908	0.909253	1.04282	1.04282	0.0497199	0.439072	-2.27753	0.915828	1.03964	1.03964	0.0695368	0.474065	-2.10942	2.54443	5.44813	1.90329	1
cg06324373	CRTAC1	0.101536	0.135297	0.614692	-1.62683	0.0884152	1.76515	1.76515	0.0500627	0.508962	-1.96478	0.221533	1.47464	1.47464	0.180265	0.650429	-1.53745	0.219224	0.676676	-1.47781	0.0850536	0.562375	-1.77817	0.210902	0.671348	-1.48954	0.962395	0.985849	-1.01435	2.54442	3.68217	1.28636	1
cg01373721	TIMM23	0.101538	0.703507	0.92412	-1.08211	0.490963	0.865558	-1.15532	0.821252	1.04781	1.04781	0.0661814	0.653577	-1.53004	0.666919	1.09347	1.09347	0.123989	1.41027	1.41027	0.00890132	0.503135	-1.98754	0.49931	1.15203	1.15203	0.325998	0.811162	-1.2328	2.54441	1.71627	0.599579	1
cg03518457	BDKRB2	0.101541	0.0685595	0.670345	-1.49177	0.0708518	0.673046	-1.48578	0.0444654	0.635878	-1.57263	0.58759	0.898148	-1.1134	0.432409	0.854555	-1.1702	0.861708	0.966373	-1.0348	0.213551	1.29297	1.29297	0.0416045	0.630746	-1.58543	0.0640788	0.664834	-1.50414	2.54437	1.55079	0.541779	1
cg00443516	PRKCZ;PRKCZ;PRKCZ	0.101546	0.135559	0.837134	-1.19455	0.726331	0.961911	-1.0396	0.492249	0.925817	-1.08013	0.0541139	1.27325	1.27325	0.195491	0.859591	-1.16334	0.0730674	0.801777	-1.24723	0.709089	1.04229	1.04229	0.451036	0.918636	-1.08857	0.0224277	0.739147	-1.35291	2.54432	0.492127	0.17193	1
cg23590216	TAPBP;TAPBP;TAPBP	0.101546	0.0108761	0.303971	-3.28979	0.137416	0.551099	-1.81455	0.454489	0.752961	-1.32809	0.0491747	0.433332	-2.3077	0.140093	0.553658	-1.80617	0.0594113	0.452709	-2.20893	0.090167	0.498817	-2.00474	0.981793	1.00853	1.00853	0.104249	0.5161	-1.93761	2.54432	5.58924	1.95267	1
cg11248715	FOXD3	0.101547	0.305445	1.2761	1.2761	0.339749	0.797672	-1.25365	0.600849	1.12894	1.12894	0.438072	1.19929	1.19929	0.162239	0.70976	-1.40893	0.114209	0.673842	-1.48403	0.0279481	0.550637	-1.81608	0.057934	1.63639	1.63639	0.601808	0.886072	-1.12858	2.5443	2.12707	0.74312	1
cg18184935	STAC2	0.101547	0.769076	1.07393	1.07393	0.585283	1.14283	1.14283	0.162177	0.696566	-1.43561	0.963906	0.989096	-1.01102	0.609457	1.13296	1.13296	0.31312	1.2876	1.2876	0.0531195	1.70305	1.70305	0.0105893	0.458905	-2.1791	0.622734	0.886791	-1.12766	2.5443	2.36549	0.826418	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06646112	TP73;TP73;TP73;TP73	0.10155	0.129116	0.47161	-2.1204	0.395813	0.67129	-1.48967	0.559023	0.762761	-1.31103	0.234674	0.565003	-1.7699	0.0400559	0.337058	-2.96685	0.871572	0.928531	-1.07697	0.0227957	0.286829	-3.4864	0.0119817	0.237711	-4.20679	0.141343	0.484357	-2.06459	2.54427	8.46453	2.95724	1
cg03833628	CHD1	0.101551	0.0820587	0.754169	-1.32596	0.595628	0.92456	-1.0816	0.354292	0.869742	-1.14977	0.187448	1.22702	1.22702	0.015167	0.64606	-1.54784	0.0977804	1.30476	1.30476	0.693116	0.94357	-1.0598	0.504305	1.10432	1.10432	0.788742	1.04011	1.04011	2.54427	0.864173	0.301915	1
cg05040232	GP5	0.101551	0.0745242	2.545	2.545	0.0816421	2.47768	2.47768	0.388736	1.51485	1.51485	0.343807	1.5817	1.5817	0.0967543	2.35652	2.35652	0.0195817	3.76674	3.76674	0.0836633	2.4599	2.4599	0.0265564	3.4421	3.4421	0.0684973	2.60871	2.60871	2.54426	8.90761	3.11205	1
cg24673043	LGALS12;LGALS12;LGALS12;LGALS12;LGALS12	0.101551	0.0173083	0.554021	-1.80499	0.677371	0.920668	-1.08617	0.0916878	0.689298	-1.45075	0.375779	0.835163	-1.19737	0.323531	1.22416	1.22416	0.0790675	0.67624	-1.47876	0.0805621	0.677876	-1.4752	0.0403781	0.619942	-1.61305	0.236071	0.781265	-1.27998	2.70542	1.6342	0.469815	1
cg27110994	PDGFC;PDGFC	0.101551	0.108959	0.83737	-1.19421	0.142118	0.85194	-1.17379	0.802572	0.974885	-1.02576	0.153085	0.856117	-1.16807	0.255915	0.886552	-1.12797	0.0114996	0.72544	-1.37847	0.0612294	0.807223	-1.23881	0.211104	1.14314	1.14314	0.548448	0.940209	-1.06359	2.54426	0.415411	0.145132	1
cg18652248	BAGE;BAGE5;BAGE3;BAGE2;BAGE;BAGE2;BAGE4;BAGE4;BAGE3;BAGE5	0.101554	0.143177	0.344962	-2.89887	0.0572973	0.233474	-4.28313	0.0663006	0.248258	-4.02806	0.258476	0.450422	-2.22014	0.00872553	0.104309	-9.58693	0.285358	0.472071	-2.11833	0.239552	0.434698	-2.30045	0.136408	0.337751	-2.96076	0.0433662	0.207691	-4.81485	2.54423	18.4385	6.44196	1
cg09101258	LOC100287718	0.101555	0.0692733	0.278172	-3.5949	0.986789	0.98963	-1.01048	0.0318457	0.205214	-4.87296	0.877016	0.907105	-1.10241	0.0282806	0.195857	-5.10577	0.597609	1.39844	1.39844	0.672944	0.765449	-1.30642	0.0980958	0.319074	-3.13407	0.0402553	0.224948	-4.44546	2.54422	15.9711	5.57991	1
cg21885995	SRP68	0.101556	0.33955	1.31129	1.31129	0.616975	0.870376	-1.14893	0.415014	0.795017	-1.25784	0.278042	1.36419	1.36419	0.442162	1.2408	1.2408	0.472014	1.22313	1.22313	0.0119882	0.421914	-2.37015	0.0914944	1.66802	1.66802	0.175234	1.48722	1.48722	2.54421	3.05444	1.06715	1
cg16196939	GALNT9	0.101558	0.275324	0.587921	-1.70091	0.116222	0.449796	-2.22323	0.226173	0.551675	-1.81266	0.493307	0.722084	-1.38488	0.43407	0.688269	-1.45292	0.357025	0.641883	-1.55792	0.126831	0.461687	-2.16597	0.0129837	4.23277	4.23277	0.23579	0.559065	-1.7887	2.54419	8.82641	3.08377	1
cg06399148	BAALC;BAALC;C8orf56	0.101558	0.296996	1.239	1.239	0.724162	1.07275	1.07275	0.322976	0.816812	-1.22427	0.223771	1.28831	1.28831	0.971851	0.993031	-1.00702	0.607265	1.10822	1.10822	0.00390291	0.462979	-2.15993	0.719021	1.07423	1.07423	0.923057	0.981035	-1.01933	2.54419	1.58297	0.553058	1
cg16097041	FLAD1;LENEP;FLAD1	0.101559	0.166969	0.564803	-1.77053	0.358867	1.44168	1.44168	0.397405	0.714633	-1.39932	0.107591	1.97566	1.97566	0.013072	0.303113	-3.2991	0.403012	0.717613	-1.39351	0.186066	0.580658	-1.72218	0.312421	1.49954	1.49954	0.574795	0.802698	-1.2458	2.54418	6.05788	2.11651	1
cg10808414	ISM2;ISM2	0.101564	0.0238842	0.396175	-2.52414	0.194958	0.624442	-1.60143	0.350161	0.718688	-1.39142	0.414806	0.75102	-1.33152	0.00726636	0.304402	-3.28513	0.537613	1.23911	1.23911	0.133087	0.573144	-1.74476	0.676642	0.86583	-1.15496	0.293628	0.687845	-1.45382	2.54412	4.7541	1.66104	1
cg25368728	SLC44A4	0.101565	0.0757041	0.341707	-2.92648	0.0835854	0.353399	-2.82967	0.17551	0.457287	-2.18681	0.319206	0.571711	-1.74913	0.00743173	0.153721	-6.50528	0.0449631	0.286568	-3.48957	0.119881	0.399926	-2.50046	0.313837	0.567916	-1.76082	0.139067	0.42114	-2.37451	2.54411	11.8868	4.15316	1
cg22589778	CDK5RAP3	0.101569	0.410536	0.840631	-1.18958	0.378822	1.20473	1.20473	0.630485	0.904851	-1.10515	0.183942	0.747684	-1.33746	0.515584	1.14568	1.14568	0.58044	1.12206	1.12206	0.00728445	2.04206	2.04206	0.311359	1.24118	1.24118	0.171331	0.740491	-1.35046	2.54407	1.71461	0.599078	1
cg02704895	ZNF192	0.101571	0.55174	0.936001	-1.06838	0.545115	0.934942	-1.06958	0.854995	0.980106	-1.0203	0.329426	1.1169	1.1169	0.492904	0.926358	-1.0795	0.240903	1.14437	1.14437	0.0179251	0.729064	-1.37162	0.0582372	1.26504	1.26504	0.123142	1.20137	1.20137	2.54405	0.486163	0.169865	1
cg07875385	COL5A2;COL5A2	0.101576	0.458865	0.691598	-1.44593	0.80388	1.12936	1.12936	0.806523	0.886948	-1.12746	0.0431528	0.320633	-3.11883	0.00918788	0.198468	-5.03859	0.0870112	0.396936	-2.5193	0.634342	0.791155	-1.26397	0.242048	1.81966	1.81966	0.869404	1.08377	1.08377	2.544	9.63096	3.36512	1
cg00471664	RABAC1	0.101577	0.457212	1.08697	1.08697	0.239174	0.87304	-1.14542	0.461361	1.08611	1.08611	0.775408	1.03201	1.03201	0.651766	1.05131	1.05131	0.500068	0.927372	-1.07832	0.519331	0.930576	-1.0746	0.0218879	1.35385	1.35385	0.0124971	1.40815	1.40815	2.54399	0.488826	0.1708	1
cg01872660	CIITA	0.101577	0.320793	0.781487	-1.27961	0.0241919	1.90779	1.90779	0.42997	1.21365	1.21365	0.0601247	0.600694	-1.66474	0.204186	0.724653	-1.37997	0.0972745	0.645723	-1.54865	0.588221	0.87688	-1.14041	0.372467	1.24617	1.24617	0.941711	1.01773	1.01773	2.54398	2.32757	0.813272	1
cg00091569	ENTPD3	0.101578	0.0603632	3.01862	3.01862	0.0438305	3.34841	3.34841	0.174463	2.12436	2.12436	0.588631	0.752156	-1.32951	0.085991	2.69026	2.69026	0.969277	1.02029	1.02029	0.087433	0.37374	-2.67566	0.319251	1.71069	1.71069	0.146651	2.25377	2.25377	2.54398	10.9622	3.83031	1
cg02790372	ETS1;ETS1;ETS1	0.101579	0.190793	0.449479	-2.2248	0.225414	0.479538	-2.08534	0.506156	0.677465	-1.47609	0.233235	0.486022	-2.05752	0.0179332	0.190056	-5.26161	0.0560727	0.28676	-3.48724	0.0750167	0.318377	-3.14093	0.127718	2.58744	2.58744	0.444676	0.637764	-1.56798	2.54396	13.4258	4.69113	1
cg24979233	FGFR3;FGFR3;FGFR3	0.101581	0.0160695	5.94772	5.94772	0.0746747	3.32548	3.32548	0.326266	1.84664	1.84664	0.241315	2.10072	2.10072	0.810238	1.15671	1.15671	0.126907	2.71591	2.71591	0.0332636	4.50833	4.50833	0.0592725	3.62796	3.62796	0.0575403	3.66866	3.66866	2.54394	14.7561	5.15601	1
cg05241406	FLJ13197	0.101584	0.335837	0.792504	-1.26182	0.044374	0.582094	-1.71793	0.527217	0.860606	-1.16197	0.20264	1.37053	1.37053	0.0321004	0.555262	-1.80095	0.190224	1.38415	1.38415	0.068165	0.619644	-1.61383	0.57488	0.875644	-1.14202	0.302526	0.77858	-1.28439	2.54391	2.21244	0.773066	1
cg05258834	TNNI2;TNNI2;TNNI2	0.101584	0.922658	1.05307	1.05307	0.46834	1.48128	1.48128	0.0752685	0.348307	-2.87103	0.679361	0.801454	-1.24773	0.0235461	0.236892	-4.22132	0.3389	0.591604	-1.69032	0.0192017	0.221211	-4.52058	0.242578	0.521408	-1.91788	0.0728258	0.344509	-2.90269	2.54391	11.4245	3.99194	1
cg06312137	ALG9;ALG9;ALG9;ALG9	0.101584	0.0805179	1.31357	1.31357	0.279862	0.853794	-1.17124	0.292769	0.857639	-1.16599	0.0242252	0.685217	-1.45939	0.473919	1.10791	1.10791	0.0832568	1.30971	1.30971	0.436398	1.1182	1.1182	0.432852	1.11921	1.11921	0.499672	0.908092	-1.10121	2.5439	0.797638	0.27871	1
cg21488279	PRDM6	0.101586	0.0994056	3.68472	3.68472	0.913784	0.924776	-1.08134	0.284021	2.23375	2.23375	0.145967	3.08679	3.08679	0.665961	0.730791	-1.36838	0.798782	0.831552	-1.20257	0.627987	0.70286	-1.42276	0.00466432	15.13	15.13	0.246624	2.39856	2.39856	2.54388	21.0082	7.34075	1
cg12121660	HOXB2	0.101588	0.0552429	0.205108	-4.87547	0.0368722	0.170795	-5.85497	0.296123	0.453956	-2.20286	0.0855006	0.250143	-3.99772	0.155965	0.3307	-3.02389	0.323203	0.475277	-2.10404	0.0123752	0.103316	-9.67906	0.800942	1.20222	1.20222	0.122958	0.295739	-3.38136	2.54386	21.4112	7.48162	1
cg15687659	RAB7A;RAB7A	0.101589	0.426644	1.10286	1.10286	0.637886	0.944421	-1.05885	0.985767	1.00215	1.00215	0.995863	1.00063	1.00063	0.207006	0.851703	-1.17412	0.88401	0.982546	-1.01776	0.24678	0.864083	-1.1573	0.0347974	1.3455	1.3455	0.0125105	0.687464	-1.45462	2.54385	0.586188	0.20483	1
cg10125465	UBE4B;UBE4B	0.101589	0.121864	2.2389	2.2389	0.0580978	2.79958	2.79958	0.613929	1.27698	1.27698	0.922825	1.04768	1.04768	0.527058	1.36075	1.36075	0.889706	1.06897	1.06897	0.990909	0.994539	-1.00549	0.0038658	6.49236	6.49236	0.149299	2.10269	2.10269	2.54385	9.30765	3.25234	1
cg06547404	PARD3B;PARD3B;PARD3B	0.10159	0.124121	0.793412	-1.26038	0.0662343	0.751015	-1.33153	0.313935	1.15573	1.15573	0.0129015	0.651156	-1.53573	0.0639987	0.748787	-1.33549	0.420802	0.891993	-1.12109	0.888249	0.98065	-1.01973	0.0997804	0.778278	-1.28489	0.73412	0.953726	-1.04852	2.54384	0.77813	0.2719	1
cg06322639	ARNT2	0.101592	0.0797395	0.659042	-1.51735	0.270481	0.7819	-1.27894	0.920582	0.978843	-1.02161	0.0242711	0.562232	-1.77863	0.183133	0.738688	-1.35375	0.00804455	0.482861	-2.07099	0.988423	1.00312	1.00312	0.292531	0.791231	-1.26385	0.189353	0.742206	-1.34734	2.54382	1.85248	0.647313	1
cg10797090	C11orf16	0.101594	0.0280468	0.643726	-1.55346	0.205666	0.797208	-1.25438	0.0224563	0.628667	-1.59067	0.821715	1.03906	1.03906	0.107315	0.742023	-1.34767	0.153766	0.771642	-1.29594	0.0562035	0.692756	-1.44351	0.532714	1.11323	1.11323	0.253288	0.816658	-1.2245	2.5438	1.16094	0.40567	1
cg21662326	COPB1;COPB1;COPB1	0.101595	0.27309	0.862065	-1.16001	0.310146	0.872269	-1.14644	0.631343	1.06493	1.06493	0.663236	0.944581	-1.05867	0.00696599	0.634927	-1.57498	0.97929	1.00338	1.00338	0.236491	0.850945	-1.17516	0.321413	1.1426	1.1426	0.127156	1.23945	1.23945	2.54379	0.682187	0.23838	1
cg18316500	COL23A1	0.101595	0.0884555	0.294052	-3.40076	0.111604	0.323471	-3.09146	0.558462	1.47021	1.47021	0.509713	0.646887	-1.54587	0.0453182	0.224136	-4.46157	0.224326	0.435452	-2.29646	0.0109494	0.124965	-8.00222	0.0709399	0.268724	-3.72129	0.420643	0.585167	-1.70891	2.54379	17.0909	5.97214	1
cg27530443	MAD1L1;MAD1L1;MAD1L1	0.101595	0.0951156	0.705391	-1.41765	0.356876	1.19761	1.19761	0.012019	0.55092	-1.81514	0.146744	0.743495	-1.345	0.571305	0.896842	-1.11502	0.991359	1.00206	1.00206	0.316655	1.21775	1.21775	0.535804	0.88752	-1.12673	0.0603949	0.668302	-1.49633	2.54378	1.45907	0.509851	1
cg26775191	RAX	0.101595	0.0299164	0.220923	-4.52646	0.582776	0.720416	-1.38809	0.334146	0.555001	-1.8018	0.0757876	0.310938	-3.21607	0.118785	0.367578	-2.72051	0.101171	0.346113	-2.88923	0.0365688	0.237881	-4.20377	0.0662654	0.295927	-3.37921	0.0271777	0.213223	-4.68992	2.54378	14.0757	4.91856	1
cg01137760	MACROD1	0.101595	0.67797	0.772341	-1.29476	0.013465	0.150661	-6.6374	0.00677306	0.11404	-8.76882	0.854454	0.892614	-1.12031	0.256736	0.480792	-2.0799	0.650698	0.754275	-1.32578	0.617783	0.732549	-1.3651	0.482448	0.642985	-1.55525	0.657699	1.31769	1.31769	2.54378	15.4193	5.38806	1
cg04922810	CRHR2	0.101599	0.572058	0.914917	-1.093	0.0761937	1.35971	1.35971	0.0626868	1.3857	1.3857	0.868932	1.02605	1.02605	0.169928	0.79639	-1.25567	0.0687443	0.728137	-1.37337	0.0611884	0.719965	-1.38896	0.740921	1.05303	1.05303	0.787588	0.958812	-1.04296	2.54374	0.977168	0.341463	1
cg00029831	VPS28;VPS28	0.101599	0.406119	1.18364	1.18364	0.839033	1.04117	1.04117	0.270677	0.796519	-1.25546	0.860771	1.03544	1.03544	0.813531	1.04799	1.04799	0.782285	1.05649	1.05649	0.00480966	0.476092	-2.10043	0.0679586	0.666619	-1.50011	0.31049	0.812067	-1.23143	2.54374	1.58538	0.553998	1
cg13277939	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.1016	0.97556	1.01308	1.01308	0.0207317	3.25866	3.25866	0.959213	0.978538	-1.02193	0.612005	1.24233	1.24233	0.0679747	0.420135	-2.38019	0.290914	1.59191	1.59191	0.419666	0.704839	-1.41876	0.143266	1.94896	1.94896	0.116602	0.485147	-2.06123	2.54374	7.25026	2.53355	1
cg21697560	TRERF1	0.1016	0.0483365	0.311136	-3.21403	0.273454	0.554442	-1.80362	0.185867	0.483896	-2.06656	0.225468	0.517486	-1.93242	0.00835184	0.174786	-5.72127	0.135751	0.435178	-2.29791	0.0391809	0.290827	-3.43847	0.417422	0.651257	-1.53549	0.0884538	0.37807	-2.64502	2.54373	10.7893	3.77023	1
cg04679712	EBF2	0.101602	0.667442	0.785016	-1.27386	0.00508896	0.125761	-7.95157	0.0539206	0.293658	-3.40532	0.845935	1.11509	1.11509	0.308344	0.554086	-1.80478	0.501423	1.46533	1.46533	0.27705	0.530966	-1.88336	0.940481	0.959047	-1.0427	0.488071	1.4836	1.4836	2.54371	12.633	4.41453	1
cg13862210	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AGTRAP	0.101603	?	?	?	0.00786786	0.0239126	-41.8189	0.264738	0.292265	-3.42155	?	?	?	0.474798	0.464749	-2.1517	?	?	?	0.533508	0.514559	-1.94341	0.708549	1.48459	1.48459	0.442277	2.28486	2.28486	2.80571	32.0684	13.3347	1
cg18771857	MATR3;SNHG4	0.101605	0.26489	1.32021	1.32021	0.00851729	2.23149	2.23149	0.8273	1.05362	1.05362	0.934644	0.980583	-1.0198	0.357349	0.797476	-1.25396	0.995506	0.998654	-1.00135	0.0371527	0.56077	-1.78326	0.799484	1.06274	1.06274	0.886055	1.03487	1.03487	2.54368	2.30255	0.804624	1
cg16671069	GRM1;GRM1	0.101605	0.230845	2.09096	2.09096	0.192849	2.24514	2.24514	0.674719	1.28108	1.28108	0.279813	1.9335	1.9335	0.0314303	0.2274	-4.39754	0.816102	0.872222	-1.1465	0.0304625	0.224811	-4.44818	0.612831	1.34913	1.34913	0.246563	0.491105	-2.03622	2.54368	13.8742	4.84834	1
cg04214520	TNK2;TNK2	0.101605	0.175072	2.10301	2.10301	0.228936	0.521637	-1.91704	0.325806	0.592777	-1.68698	0.0143449	4.73983	4.73983	0.464944	1.46716	1.46716	0.879183	1.08156	1.08156	0.936278	0.959624	-1.04208	0.0756893	2.77064	2.77064	0.0827739	2.69188	2.69188	2.54368	10.703	3.74017	1
cg11064073	NPY1R	0.101605	0.437344	0.780706	-1.28089	0.0028144	3.61785	3.61785	0.224205	1.49025	1.49025	0.699108	1.12903	1.12903	0.982223	0.993062	-1.00699	0.752785	0.905988	-1.10377	0.832862	1.06826	1.06826	0.39602	0.76217	-1.31204	0.991444	1.00336	1.00336	2.54368	3.93311	1.37443	1
cg23916646	C6orf27	0.101606	0.0419974	0.285896	-3.49777	0.809574	0.878978	-1.13769	0.564055	0.732278	-1.3656	0.164299	0.452532	-2.20979	0.0393652	0.279818	-3.57375	0.401949	0.632322	-1.58147	0.014485	0.199947	-5.00132	0.0426341	0.287328	-3.48035	0.137708	0.425655	-2.34932	2.54367	11.5019	4.01935	1
cg03140788	UMOD;UMOD	0.10161	0.112133	2.59905	2.59905	0.349299	1.70233	1.70233	0.340482	1.72013	1.72013	0.931735	0.953795	-1.04844	0.0420865	0.274399	-3.64432	0.53235	1.41796	1.41796	0.144248	2.37759	2.37759	0.0228708	4.49694	4.49694	0.529819	0.703678	-1.4211	2.54362	12.2819	4.292	1
cg09253211	ATL3	0.101611	0.270055	0.884388	-1.13073	0.0247976	0.751382	-1.33088	0.615331	0.947244	-1.05569	0.313477	0.89447	-1.11798	0.2093	0.867997	-1.15208	0.00552325	0.676965	-1.47718	0.664016	0.954322	-1.04786	0.0828013	0.814241	-1.22814	0.681247	0.956778	-1.04517	2.54361	0.461027	0.16111	1
cg07955051	DNMT1;DNMT1	0.101619	0.433823	0.854537	-1.17022	0.0750861	1.47718	1.47718	0.408742	1.18094	1.18094	0.0839135	0.686289	-1.45711	0.109979	0.709702	-1.40904	0.308195	1.23072	1.23072	0.0421048	1.58555	1.58555	0.425506	0.851994	-1.17372	0.708688	0.92879	-1.07667	2.54353	1.56067	0.545407	1
cg18270926	PABPC4L	0.101619	0.0873484	0.455484	-2.19547	0.0546763	0.403292	-2.47959	0.320896	0.652266	-1.53312	0.203469	0.571625	-1.7494	0.0372681	0.365207	-2.73817	0.257784	0.61139	-1.63562	0.0168345	0.296654	-3.37093	0.0417321	0.376066	-2.65911	0.107087	0.480513	-2.08111	2.54353	6.99295	2.44384	1
cg21164095	BAI2	0.101619	0.239821	0.556846	-1.79583	0.562373	0.756829	-1.3213	0.267569	1.73218	1.73218	0.594957	0.774721	-1.29079	0.0513925	0.348172	-2.87214	0.0433736	0.331157	-3.01972	0.0752629	2.56549	2.56549	0.772455	1.14788	1.14788	0.203511	1.89354	1.89354	2.54353	9.11499	3.18543	1
cg02915015	FAM65B	0.101621	0.0229523	2.34374	2.34374	0.106359	1.73685	1.73685	0.0145462	2.56595	2.56595	0.196595	1.53335	1.53335	0.598508	1.18099	1.18099	0.886886	0.956418	-1.04557	0.400188	1.30947	1.30947	0.0365418	2.13986	2.13986	0.243394	1.46544	1.46544	2.54351	3.94853	1.37991	1
cg13617776	PTPRS;PTPRS;PTPRS;PTPRS	0.101621	0.24238	1.91852	1.91852	0.901287	0.936055	-1.06831	0.148291	0.437894	-2.28366	0.76022	1.17705	1.17705	0.194377	2.07738	2.07738	0.232055	1.94925	1.94925	0.00813304	6.07495	6.07495	0.0724704	2.90757	2.90757	0.795811	1.14809	1.14809	2.5435	11.4239	3.99236	1
cg05659314	S100A14	0.101622	0.902911	0.959034	-1.04272	0.414766	1.33074	1.33074	0.0202956	0.383252	-2.60925	0.20835	1.57559	1.57559	0.274923	0.6775	-1.47601	0.419359	1.32685	1.32685	0.823458	1.0796	1.0796	0.0540925	0.47268	-2.1156	0.0857244	0.52154	-1.9174	2.54349	4.73255	1.65391	1
cg13747435	AK1	0.101624	0.0649	1.76393	1.76393	0.202152	1.44585	1.44585	0.283728	1.35651	1.35651	0.763592	0.920734	-1.08609	0.341606	1.30772	1.30772	0.552409	1.17888	1.17888	0.00330256	2.99127	2.99127	0.196242	1.45373	1.45373	0.374663	1.28335	1.28335	2.54348	3.0195	1.05525	1
cg23449541	PCNT	0.101625	0.208118	1.59752	1.59752	0.243779	1.53798	1.53798	0.140046	0.570978	-1.75138	0.125906	1.79416	1.79416	0.198118	1.61625	1.61625	0.461584	1.30285	1.30285	0.022777	2.61691	2.61691	0.0374024	2.34568	2.34568	0.147715	1.7302	1.7302	2.54346	5.01893	1.75401	1
cg08274821	PTPN14	0.101627	0.40395	1.25336	1.25336	0.139631	0.656831	-1.52246	0.0848407	0.604154	-1.65521	0.943941	0.981576	-1.01877	0.120639	1.56068	1.56068	0.922825	0.974703	-1.02595	0.0159976	2.18109	2.18109	0.439422	0.811786	-1.23185	0.50273	1.19705	1.19705	2.54344	2.81665	0.984371	1
cg02121547	CLDN25	0.101627	0.415814	0.714044	-1.40047	0.563905	0.789579	-1.2665	0.268917	1.59408	1.59408	0.393516	1.4247	1.4247	0.239997	0.607599	-1.64582	0.436046	0.72484	-1.37961	0.0115391	0.278223	-3.59424	0.0581988	0.420231	-2.37964	0.279975	1.5759	1.5759	2.54344	6.60648	2.30885	1
cg04065832	CDX4	0.101628	0.258267	1.98878	1.98878	0.1026	2.83213	2.83213	0.920406	1.05998	1.05998	0.45479	1.55852	1.55852	0.479371	1.52059	1.52059	0.245246	2.03072	2.03072	0.00426429	9.28789	9.28789	0.0445257	3.83682	3.83682	0.167441	2.35761	2.35761	2.54343	13.6839	4.78231	1
cg08862479	COL23A1	0.101629	0.597237	0.764909	-1.30735	0.711258	1.20547	1.20547	0.0887536	0.389227	-2.56919	0.723217	0.836336	-1.19569	0.0176911	0.234565	-4.26322	0.598063	0.76538	-1.30654	0.00725043	0.175334	-5.70341	0.44458	0.675906	-1.4795	0.637497	0.787772	-1.2694	2.54342	10.1754	3.55616	1
cg08507422	UNCX	0.101633	0.09922	0.313753	-3.18723	0.269353	2.09126	2.09126	0.0636271	3.80939	3.80939	0.855995	1.12357	1.12357	0.51227	0.652938	-1.53154	0.921597	0.938811	-1.06518	0.0550108	4.03691	4.03691	0.095132	3.24189	3.24189	0.0589683	3.92668	3.92668	2.54338	16.5704	5.7912	1
cg16569014	BCLAF1;BCLAF1;BCLAF1	0.101633	0.00936661	0.416121	-2.40315	0.269763	1.35771	1.35771	0.112504	1.58368	1.58368	0.783224	0.929243	-1.07615	0.586091	0.863894	-1.15755	0.413802	0.80067	-1.24895	0.0786103	0.594636	-1.6817	0.961964	0.98739	-1.01277	0.444265	0.812588	-1.23064	2.54337	2.8522	0.99682	1
cg19879075	SPOCK2;SPOCK2	0.101635	0.0669952	7.47543	7.47543	0.0486763	9.08045	9.08045	0.0857115	6.42921	6.42921	0.135787	4.83073	4.83073	0.111528	5.46406	5.46406	0.270589	3.07667	3.07667	0.0152953	18.4941	18.4941	0.582319	0.58029	-1.72328	0.161092	4.33401	4.33401	2.54335	38.6661	13.5136	1
cg02617919	USP6NL;USP6NL	0.101637	0.958651	1.00813	1.00813	0.10474	1.31912	1.31912	0.264588	1.19917	1.19917	0.94139	0.98858	-1.01155	0.79367	0.959882	-1.04179	0.385235	1.14919	1.14919	0.0098526	1.6645	1.6645	0.0893469	0.746309	-1.33993	0.396003	0.873035	-1.14543	2.54333	0.982877	0.343513	1
cg00683788	PDYN	0.101637	0.0789464	0.442991	-2.25738	0.140179	0.515618	-1.93942	0.0196243	0.308289	-3.24371	0.385454	0.689791	-1.44971	0.284673	0.628859	-1.59018	0.772714	0.886149	-1.12848	0.0375588	0.3653	-2.73747	0.0178384	0.300607	-3.3266	0.787938	0.893572	-1.1191	2.54333	7.01691	2.4524	1
cg26736232	SCT	0.10164	0.0193957	0.266496	-3.75241	0.149245	0.485061	-2.0616	0.271774	0.58556	-1.70777	0.775454	1.14315	1.14315	0.0437375	0.338082	-2.95786	0.607292	1.27445	1.27445	0.0325846	0.310331	-3.22236	0.735301	0.853214	-1.17204	0.558446	1.31895	1.31895	2.54329	8.81531	3.08098	1
cg23486561	TLN2;MIR190	0.101643	0.103703	0.491967	-2.03266	0.0494456	2.44431	2.44431	0.447481	0.734448	-1.36157	0.421319	0.720737	-1.38747	0.0155181	0.306238	-3.26543	0.206787	0.588143	-1.70027	0.930027	0.965594	-1.03563	0.703025	0.858389	-1.16497	0.167082	0.555896	-1.7989	2.54327	6.40124	2.23728	1
cg10604040	OVOL1	0.101651	0.00984837	0.213703	-4.67938	0.287038	0.592767	-1.687	0.0519326	0.351283	-2.84671	0.0967984	0.422186	-2.36862	0.101357	0.428023	-2.33632	0.187437	0.516389	-1.93652	0.134347	0.46594	-2.1462	0.0412667	0.328344	-3.04559	0.193319	0.521434	-1.91779	2.54318	9.01342	3.15036	1
cg05081395	KDELC2	0.101651	0.670804	1.22446	1.22446	0.75033	1.16323	1.16323	0.00898835	4.82317	4.82317	0.245987	1.77656	1.77656	0.17336	0.503511	-1.98606	0.195464	0.522834	-1.91265	0.170245	0.500676	-1.9973	0.720759	1.1853	1.1853	0.457245	1.43127	1.43127	2.54318	9.03566	3.15813	1
cg06867113	CCDC126	0.101653	0.0274715	0.676444	-1.47832	0.0831342	1.33318	1.33318	0.0243926	1.49492	1.49492	0.857132	1.02738	1.02738	0.857268	0.973375	-1.02735	0.51639	0.906081	-1.10365	0.895202	1.01995	1.01995	0.579328	0.919487	-1.08756	0.320261	1.16643	1.16643	2.54316	0.905015	0.316322	1
cg03500653	GAS2L1;GAS2L1;GAS2L1	0.101654	0.758382	1.08565	1.08565	0.0132611	2.26471	2.26471	0.0202289	2.10809	2.10809	0.718825	0.908199	-1.10108	0.464938	1.21905	1.21905	0.0460386	1.83845	1.83845	0.115783	1.57664	1.57664	0.757348	1.08604	1.08604	0.463481	1.21987	1.21987	2.54315	2.85708	0.998614	1
cg14216940	IKZF1	0.101655	0.102036	4.55524	4.55524	0.0896766	4.88017	4.88017	0.147195	3.73558	3.73558	0.22616	2.93524	2.93524	0.0598286	6.04507	6.04507	0.156593	3.61048	3.61048	0.015793	12.2512	12.2512	0.0831427	5.08034	5.08034	0.0302295	8.66125	8.66125	2.54314	28.9136	10.106	1
cg22666015	INPP5D;INPP5D	0.101656	0.350301	0.780625	-1.28103	0.693944	0.903135	-1.10725	0.479303	1.20354	1.20354	0.120328	0.647869	-1.54352	0.428163	1.23169	1.23169	0.250985	1.36205	1.36205	0.00636068	2.49665	2.49665	0.627655	1.13418	1.13418	0.495303	0.836631	-1.19527	2.54312	2.67295	0.934266	1
cg14472972	RABGAP1	0.101661	0.642435	0.938123	-1.06596	0.049214	1.3589	1.3589	0.796015	1.03602	1.03602	0.108739	1.26995	1.26995	0.566464	0.923891	-1.08238	0.0251633	0.695058	-1.43873	0.337065	0.873535	-1.14477	0.890916	0.981429	-1.01892	0.121085	0.794825	-1.25814	2.54307	0.751634	0.262721	1
cg10396701	AGAP1;AGAP1	0.101664	0.322118	0.854961	-1.16964	0.456258	1.12327	1.12327	0.793375	0.960582	-1.04104	0.288354	0.844621	-1.18396	0.747565	1.05072	1.05072	0.938484	0.988245	-1.0119	0.00900688	1.66319	1.66319	0.0374896	1.44748	1.44748	0.594345	0.920951	-1.08583	2.54304	0.945324	0.330427	1
cg15726557	POLRMT	0.101665	0.558462	0.812582	-1.23064	0.290805	0.680802	-1.46886	0.442136	0.759672	-1.31636	0.249646	1.52497	1.52497	0.0222867	0.382635	-2.61345	0.0336496	0.418856	-2.38746	0.0657291	0.484672	-2.06325	0.396534	1.35595	1.35595	0.249185	0.655456	-1.52566	2.54303	4.95438	1.73175	1
cg02977682	DERA	0.101669	0.0205993	0.606387	-1.64911	0.0527892	0.673762	-1.4842	0.938486	1.01394	1.01394	0.234549	1.25046	1.25046	0.961228	0.991318	-1.00876	0.3378	1.19393	1.19393	0.102821	1.37734	1.37734	0.354461	1.18635	1.18635	0.748664	1.05936	1.05936	2.54299	1.29594	0.452989	1
cg16455972	EVPLL	0.10167	0.694476	1.15986	1.15986	0.0114644	3.28155	3.28155	0.908952	0.957934	-1.04391	0.258907	1.55658	1.55658	0.662689	0.847993	-1.17926	0.149079	0.559206	-1.78825	0.916925	0.961563	-1.03997	0.119459	0.530087	-1.88648	0.129904	1.84889	1.84889	2.54297	5.68369	1.98672	1
cg26377281	CCND2	0.101673	0.30913	0.693648	-1.44165	0.00791708	0.293532	-3.40678	0.206567	0.628555	-1.59095	0.495769	1.27081	1.27081	0.367859	0.725366	-1.37862	0.878594	0.948523	-1.05427	0.0442921	0.442047	-2.2622	0.0634089	0.479487	-2.08556	0.956099	1.01921	1.01921	2.70393	5.0102	1.44117	1
cg05029193	ZZZ3	0.101674	0.985867	0.996333	-1.00368	0.0167407	0.545756	-1.83232	0.303021	0.801516	-1.24764	0.220123	1.30652	1.30652	0.411515	1.19022	1.19022	0.987465	1.00326	1.00326	0.0161706	0.543264	-1.84073	0.908539	0.976449	-1.02412	0.984473	0.995973	-1.00404	2.54293	1.73205	0.605444	1
cg18482822	DHCR7;DHCR7	0.101676	0.140085	0.754427	-1.32551	0.323604	1.19838	1.19838	0.568294	1.10779	1.10779	0.687432	0.930719	-1.07444	0.549809	1.11339	1.11339	0.662822	0.925076	-1.08099	0.00537919	1.91661	1.91661	0.243572	0.805261	-1.24183	0.64578	1.08562	1.08562	2.54291	1.26906	0.443608	1
cg24353213	LRRC8D;LRRC8D	0.101678	0.812072	0.943837	-1.0595	0.246803	0.74535	-1.34165	0.00769705	0.435593	-2.29572	0.221995	1.36546	1.36546	0.252608	0.748263	-1.33643	0.413267	0.816287	-1.22506	0.145607	0.684414	-1.4611	0.197497	1.3918	1.3918	0.847224	0.954269	-1.04792	2.54289	2.37192	0.829124	1
cg23058543	INSIG1;INSIG1;INSIG1	0.101682	0.0431974	0.738996	-1.35319	0.523576	1.0877	1.0877	0.163225	1.21353	1.21353	0.00973964	0.653664	-1.52984	0.980663	1.00316	1.00316	0.682264	0.94788	-1.05499	0.366275	0.886295	-1.12829	0.996496	1.00057	1.00057	0.485107	1.09664	1.09664	2.54285	0.68106	0.238075	1
cg18089134	C4orf33;SCLT1;SCLT1	0.101683	0.0455331	0.575291	-1.73825	0.466772	0.836487	-1.19548	0.0788791	1.60073	1.60073	0.228907	0.737545	-1.35585	0.213014	0.728917	-1.3719	0.650345	1.1163	1.1163	0.308205	0.775467	-1.28955	0.967013	0.990079	-1.01002	0.0445981	1.74366	1.74366	2.54284	2.34099	0.818331	1
cg18569885	SPTLC2	0.101684	0.745937	0.961465	-1.04008	0.891737	1.0166	1.0166	0.594677	1.06707	1.06707	0.73838	1.04135	1.04135	0.985736	0.997841	-1.00216	0.0590546	0.77285	-1.29391	0.0100023	0.674967	-1.48155	0.0272312	0.729141	-1.37148	0.814988	0.972064	-1.02874	2.54282	0.588427	0.205695	1
cg21304163	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.101686	0.966517	0.988217	-1.01192	0.0697777	1.77292	1.77292	0.0504026	1.87711	1.87711	0.275405	1.3777	1.3777	0.424837	1.25878	1.25878	0.348611	1.31322	1.31322	0.00478979	2.87839	2.87839	0.328614	1.3294	1.3294	0.153304	1.54001	1.54001	2.5428	3.21127	1.12257	1
cg07119106	KIAA1614	0.101687	0.284156	0.732125	-1.36589	0.0990708	0.602458	-1.65987	0.0499719	0.534485	-1.87096	0.373235	1.29196	1.29196	0.0625367	0.555771	-1.7993	0.0940678	1.67512	1.67512	0.418202	1.2609	1.2609	0.530932	1.19467	1.19467	0.50858	1.20675	1.20675	2.54279	3.16273	1.1056	1
cg11152223	C1orf14	0.101689	0.0151059	1.41782	1.41782	0.884019	0.983077	-1.01721	0.0256264	0.733429	-1.36346	0.128997	0.825453	-1.21146	0.717486	0.958402	-1.0434	0.588002	0.938046	-1.06605	0.766217	1.03548	1.03548	0.478783	0.919251	-1.08784	0.85993	1.02087	1.02087	2.54277	0.550626	0.192485	1
cg17469292	VPS8;VPS8;VPS8;VPS8	0.101689	0.0175311	0.0651946	-15.3387	0.298062	2.69864	2.69864	0.479604	1.93369	1.93369	?	?	?	?	?	?	?	?	?	0.372003	0.430718	-2.32171	?	?	?	0.472919	1.95403	1.95403	2.85944	20.6332	10.1021	1
cg00291213	RUNX1	0.101689	0.50807	0.823876	-1.21377	0.770763	1.08796	1.08796	0.056867	0.53696	-1.86234	0.272184	0.71908	-1.39067	0.897046	0.963337	-1.03806	0.385422	1.29272	1.29272	0.0140208	2.39949	2.39949	0.224774	1.4447	1.4447	0.285658	0.72618	-1.37707	2.54276	3.35271	1.17202	1
cg02998861	REEP6;PCSK4	0.10169	0.027319	0.435803	-2.29461	0.312981	1.39368	1.39368	0.574455	0.834896	-1.19775	0.23054	1.49193	1.49193	0.194407	1.5475	1.5475	0.154444	0.615809	-1.62388	0.084762	0.54535	-1.83368	0.383928	0.752796	-1.32838	0.273439	1.43693	1.43693	2.54276	4.0741	1.42421	1
cg06089829	SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1;RCC1;SNHG3-RCC1	0.10169	0.468679	0.842522	-1.18691	0.283078	1.29592	1.29592	0.21264	0.737058	-1.35675	0.377492	0.810206	-1.23425	0.00484034	0.41958	-2.38334	0.156603	0.703161	-1.42215	0.275158	0.768073	-1.30196	0.540464	0.865865	-1.15491	0.0915432	0.649318	-1.54008	2.54275	2.17541	0.760474	1
cg10020897	BRP44;BRP44;DCAF6;BRP44;DCAF6	0.101691	0.0635721	0.664942	-1.50389	0.821523	0.956761	-1.04519	0.325836	0.819989	-1.21953	0.160141	1.34122	1.34122	0.551364	0.88878	-1.12514	0.346118	1.20902	1.20902	0.827407	1.04364	1.04364	0.0173675	0.567395	-1.76244	0.15605	1.34565	1.34565	2.54275	1.54124	0.538784	1
cg18709722	DHDDS;DHDDS;DHDDS;DHDDS	0.101692	0.114584	0.860587	-1.162	0.19519	1.12735	1.12735	0.58625	1.04926	1.04926	0.158068	1.14115	1.14115	0.702882	0.967027	-1.0341	0.0750302	0.840757	-1.1894	0.779191	1.0249	1.0249	0.117329	1.16047	1.16047	0.0396457	1.2314	1.2314	2.54274	0.308245	0.107756	1
cg00572742	EIF4B	0.101695	0.466348	0.899241	-1.11205	0.968963	0.994441	-1.00559	0.713823	1.05419	1.05419	0.027536	0.688377	-1.45269	0.560565	1.08797	1.08797	0.12231	0.786694	-1.27114	0.00711351	0.607663	-1.64565	0.471294	0.900335	-1.1107	0.936842	0.98871	-1.01142	2.5427	0.82664	0.28898	1
cg01759413	TRIM41;TRIM41	0.101695	0.652328	0.936995	-1.06724	0.0927124	1.30404	1.30404	0.254377	1.18623	1.18623	0.178951	0.81475	-1.22737	0.184653	0.81718	-1.22372	0.291099	1.17023	1.17023	0.0367359	0.705961	-1.41651	0.103169	1.29149	1.29149	0.889444	0.98024	-1.02016	2.5427	0.829182	0.289869	1
cg06592026	ADPRHL1;ADPRHL1	0.101695	0.0117667	0.65474	-1.54861	0.122667	0.792544	-1.26176	0.0838719	0.766516	-1.3046	0.92157	1.01378	1.01378	0.0632046	0.747935	-1.33702	0.575764	1.08176	1.08176	0.141052	0.802481	-1.24613	0.0971788	0.776437	-1.28793	0.223562	0.837151	-1.19453	2.5427	0.778101	0.272012	1
cg14055153	LRP1B	0.101696	0.944654	0.984368	-1.01588	0.0452237	0.593709	-1.68433	0.238412	0.755608	-1.32344	0.357942	0.806913	-1.23929	0.0301951	1.78319	1.78319	0.645451	1.11086	1.11086	0.0564252	1.63261	1.63261	0.569496	1.13935	1.13935	0.92754	0.97957	-1.02086	2.54269	2.07395	0.725023	1
cg16652332	PRR12	0.101696	0.00805998	1.62337	1.62337	0.544516	1.09151	1.09151	0.972823	0.995148	-1.00488	0.386952	1.13497	1.13497	0.460572	0.898302	-1.11321	0.57107	1.08516	1.08516	0.041777	1.39794	1.39794	0.669111	1.0633	1.0633	0.174138	0.813515	-1.22923	2.54269	0.820713	0.286909	1
cg10315128	SMAD4;SMAD4	0.101696	0.239031	1.14666	1.14666	0.171422	1.1754	1.1754	0.0360164	1.31086	1.31086	0.742019	0.964001	-1.03734	0.913525	0.988016	-1.01213	0.716221	1.04135	1.04135	0.020433	0.733389	-1.36353	0.41957	1.09585	1.09585	0.166641	1.17782	1.17782	2.54269	0.496058	0.173415	1
cg24457026	GRN	0.101697	0.420834	0.792393	-1.262	0.386815	0.778013	-1.28533	0.055806	0.541655	-1.84619	0.0698765	0.563523	-1.77455	0.739477	0.909889	-1.09904	0.215586	1.446	1.446	0.0822511	1.72415	1.72415	0.203299	1.46226	1.46226	0.154158	0.649438	-1.53979	2.54268	3.22427	1.12716	1
cg25954182	KIF13B	0.101699	0.054579	0.281113	-3.55729	0.214976	0.467856	-2.13741	0.0813319	0.324848	-3.07836	0.980939	0.986194	-1.014	0.00995213	0.150412	-6.6484	0.137074	0.393782	-2.53948	0.102821	0.353941	-2.82533	0.765914	1.18976	1.18976	0.12451	0.3799	-2.63227	2.54266	13.6374	4.76751	1
cg11669516	IGFBP2	0.101701	0.225573	0.407865	-2.45179	0.0192871	0.136088	-7.34819	0.0383775	0.184373	-5.42377	0.3975	0.543084	-1.84134	0.188215	0.374354	-2.67127	0.440448	0.574425	-1.74087	0.0160249	0.125257	-7.98361	0.0619428	0.227358	-4.39834	0.272388	0.447068	-2.2368	2.54264	19.9967	6.99072	1
cg05234888	ITPR3	0.101704	0.135613	1.47353	1.47353	0.467894	1.19486	1.19486	0.399078	1.23131	1.23131	0.908688	1.02804	1.02804	0.0259256	0.528723	-1.89135	0.134922	1.4747	1.4747	0.140866	1.46486	1.46486	0.0623919	1.6579	1.6579	0.183722	1.40485	1.40485	2.54261	2.33937	0.817837	1
cg22200727	SORCS2	0.101705	0.113891	0.436986	-2.2884	0.0433816	0.326864	-3.05938	0.0333402	0.302094	-3.31022	0.517279	1.37163	1.37163	0.0588481	0.358056	-2.79286	0.223335	0.540197	-1.85118	0.0407814	0.320878	-3.11645	0.112589	0.435452	-2.29646	0.698125	0.828952	-1.20634	2.54259	9.32901	3.26142	1
cg03515656	IFT140;TMEM204	0.101707	0.0852565	0.255069	-3.92051	0.606404	0.688541	-1.45235	0.94753	1.04839	1.04839	0.204982	0.382777	-2.61249	0.0287885	0.156993	-6.3697	0.064644	0.225306	-4.43841	0.01043	0.0987128	-10.1304	0.491865	0.60575	-1.65085	0.144014	0.323978	-3.08663	2.54257	20.7631	7.25882	1
cg00463949	KIR3DP1	0.101707	0.0446429	0.299692	-3.33676	0.0147031	0.208127	-4.80476	0.149238	0.445595	-2.24419	0.221374	0.510753	-1.95789	0.0325062	0.270326	-3.69924	0.0577891	0.325882	-3.0686	0.152423	0.448799	-2.22817	0.127896	0.423026	-2.36392	0.26865	0.547613	-1.82611	2.54257	11.0011	3.84602	1
cg08651517	RBM15	0.101709	0.0260089	0.219135	-4.5634	0.846034	1.11818	1.11818	0.746477	0.829959	-1.20488	0.576958	0.723394	-1.38237	0.0427129	0.261738	-3.82062	0.206608	0.465167	-2.14977	0.0148606	0.178792	-5.5931	0.660697	1.28891	1.28891	0.15276	0.414822	-2.41067	2.54255	13.294	4.64766	1
cg09201499	FAM38A	0.10171	0.129747	0.641482	-1.55889	0.55103	0.849064	-1.17777	0.395618	1.26615	1.26615	0.501378	0.831022	-1.20334	0.599366	0.866075	-1.15463	0.356655	0.773246	-1.29325	0.00698915	2.57612	2.57612	0.304994	0.749663	-1.33393	0.375124	0.781206	-1.28007	2.54255	2.96281	1.03581	1
cg08302300	ADARB2	0.101712	0.502474	0.710624	-1.40721	0.343268	0.61259	-1.63241	0.590448	1.31352	1.31352	0.170142	0.480308	-2.082	0.00273824	0.125497	-7.96834	0.258208	0.553128	-1.8079	0.187828	0.496312	-2.01486	0.244433	0.542696	-1.84265	0.386532	0.640477	-1.56134	2.54252	10.145	3.54678	1
cg24242519	FAM49A	0.101715	0.102652	0.298139	-3.35415	0.31334	2.02726	2.02726	0.268196	2.18488	2.18488	0.934771	1.05704	1.05704	0.0205503	0.150944	-6.62499	0.809816	1.1775	1.1775	0.0661479	0.247395	-4.04211	0.0799164	0.267986	-3.73154	0.602811	0.700632	-1.42728	2.54249	18.4924	6.46518	1
cg10055265	THY1	0.101715	0.0780501	0.246126	-4.06296	0.0466295	0.195661	-5.11089	0.06439	0.225867	-4.42738	0.145544	0.326613	-3.06173	0.0261264	0.151109	-6.61773	0.305999	0.468187	-2.1359	0.0246945	0.147333	-6.78733	0.552106	0.650043	-1.53836	0.0901057	0.262507	-3.80943	2.54249	20.6444	7.21756	1
cg09563151	SGTA	0.101715	0.024522	0.49319	-2.02762	0.100507	0.622064	-1.60755	0.198853	1.4308	1.4308	0.198616	1.4311	1.4311	0.901542	0.967871	-1.0332	0.429336	1.23723	1.23723	0.0569594	1.7654	1.7654	0.869008	1.04451	1.04451	0.960428	1.01318	1.01318	2.54248	2.80336	0.980094	1
cg16842214	KBTBD5	0.101718	0.228084	1.69328	1.69328	0.273234	1.60751	1.60751	0.457732	0.729932	-1.36999	0.577442	1.26402	1.26402	0.660018	1.20235	1.20235	0.0947277	2.14797	2.14797	0.00474336	4.76542	4.76542	0.0695699	2.32789	2.32789	0.495314	1.33408	1.33408	2.54246	6.97836	2.43976	1
cg15141207	HIGD2A;NOP16	0.101718	0.473212	1.5842	1.5842	0.411096	0.588559	-1.69907	0.0414529	0.226957	-4.40613	0.931059	0.946892	-1.05609	0.429879	1.66227	1.66227	0.353352	0.547575	-1.82623	?	?	?	0.00908714	0.123618	-8.08946	0.837227	1.13853	1.13853	2.57008	14.3908	5.59938	1
cg05034471	C16orf92;C16orf92	0.101723	0.255928	0.641346	-1.55922	0.860701	0.936329	-1.068	0.0902974	0.497018	-2.012	0.103563	0.513359	-1.94795	0.100414	0.509622	-1.96224	0.0226171	0.359715	-2.77998	0.0780852	0.480355	-2.08179	0.0310936	0.387605	-2.57995	0.0492974	0.431526	-2.31736	2.5424	5.64873	1.97494	1
cg21208744	MTMR11;MTMR11	0.101726	0.34817	0.601421	-1.66273	0.0147177	4.8574	4.8574	0.00807616	5.96501	5.96501	0.474098	1.46702	1.46702	0.848867	1.10564	1.10564	0.705339	1.22137	1.22137	0.528578	1.39947	1.39947	0.593887	1.32753	1.32753	0.953555	1.03114	1.03114	2.54237	11.1582	3.90125	1
cg04368971	SERPINA11	0.101728	0.0193544	4.88079	4.88079	0.0647594	3.1988	3.1988	0.48666	0.672873	-1.48616	0.231079	2.0222	2.0222	0.236377	0.498828	-2.0047	0.216486	2.07308	2.07308	0.504833	0.684311	-1.46132	0.187485	2.18813	2.18813	0.12267	2.5539	2.5539	2.54234	12.6522	4.42362	1
cg06038397	OSBP2	0.10173	0.153627	1.80038	1.80038	0.442042	1.35216	1.35216	0.236278	1.61228	1.61228	0.420509	1.37266	1.37266	0.699544	1.16098	1.16098	0.672499	0.849041	-1.1778	0.00314526	4.72839	4.72839	0.430525	0.733678	-1.363	0.337664	1.46292	1.46292	2.54233	5.96468	2.08547	1
cg07935902	SLC2A9;SLC2A9	0.101736	0.568506	1.1647	1.1647	0.736181	1.09357	1.09357	0.00637542	0.390977	-2.5577	0.904658	0.968799	-1.03221	0.0503345	0.554248	-1.80425	0.828693	0.94429	-1.059	0.345802	1.29283	1.29283	0.358085	1.28402	1.28402	0.663664	0.890704	-1.12271	2.54226	2.81746	0.985114	1
cg14083146	RALGAPA2	0.101739	0.975012	0.984971	-1.01526	0.586662	0.766886	-1.30397	0.0555336	0.35025	-2.8551	0.208951	0.527104	-1.89716	0.0106246	0.211553	-4.72695	0.0771232	0.386648	-2.58633	0.168837	0.492224	-2.03159	0.405867	1.50854	1.50854	0.111801	0.43289	-2.31006	2.54223	9.41189	3.29086	1
cg23086176	RUNX3;RUNX3	0.10174	0.0189682	0.264805	-3.77636	0.575174	1.30324	1.30324	0.922571	0.955546	-1.04652	0.169048	0.50392	-1.98444	0.0691769	0.386351	-2.58832	0.357051	0.642079	-1.55744	0.0445074	0.339866	-2.94234	0.0418383	0.333814	-2.99568	0.154798	0.490538	-2.03858	2.54222	8.80845	3.07988	1
cg07487535	DHCR7;DHCR7	0.101741	0.760291	1.04297	1.04297	0.139186	1.24462	1.24462	0.137682	1.24582	1.24582	0.426843	0.894447	-1.11801	0.46	0.901742	-1.10896	0.468242	1.1068	1.1068	0.00954928	0.636809	-1.57033	0.206009	0.832426	-1.20131	0.886507	1.01983	1.01983	2.5422	0.761103	0.266122	1
cg13826709	POFUT2;POFUT2;LOC642852;POFUT2	0.101744	0.00680468	0.146287	-6.83587	0.356661	1.68152	1.68152	0.881293	1.08536	1.08536	0.494022	0.683363	-1.46335	0.833439	1.12237	1.12237	0.28172	1.84645	1.84645	0.144893	0.423891	-2.35909	0.416126	1.57711	1.57711	0.27143	1.87314	1.87314	2.54217	12.099	4.23051	1
cg05365835	PLEKHA9	0.101745	0.0426295	3.12002	3.12002	0.322971	1.6449	1.6449	0.0894722	2.49118	2.49118	0.0839937	2.53978	2.53978	0.0330575	3.37011	3.37011	0.537363	0.737519	-1.3559	0.511739	1.38322	1.38322	0.0236604	3.73193	3.73193	0.203349	1.92429	1.92429	2.54216	9.56806	3.34555	1
cg03236992	WWOX;WWOX;WWOX	0.101746	0.804452	1.16945	1.16945	0.724171	1.25054	1.25054	0.00472984	0.0936761	-10.6751	0.858865	0.893765	-1.11886	0.254626	2.11818	2.11818	0.645658	1.3393	1.3393	0.474001	1.58325	1.58325	0.276351	2.04311	2.04311	0.212243	2.29124	2.29124	2.54215	16.0309	5.60539	1
cg03725761	ISM1	0.101747	0.0959639	0.334567	-2.98894	0.436588	1.60848	1.60848	0.436931	1.60789	1.60789	0.128002	0.373288	-2.6789	0.903426	0.929886	-1.0754	0.0203392	0.187333	-5.33808	0.657812	1.30599	1.30599	0.2363	0.475607	-2.10257	0.0994992	2.94839	2.94839	2.54214	14.4396	5.04895	1
cg07371589	SEMA6C	0.101748	0.666094	1.45792	1.45792	0.0133505	14.3197	14.3197	0.0359264	8.32547	8.32547	0.0833893	5.28222	5.28222	0.995314	1.00511	1.00511	0.0727339	5.6891	5.6891	0.0830851	5.29273	5.29273	0.132462	4.0954	4.0954	0.180399	3.43932	3.43932	2.54214	30.3634	10.6169	1
cg25472539	TNXB	0.101748	0.0954092	0.357692	-2.7957	0.274279	0.528139	-1.89344	0.0196969	0.205794	-4.85923	0.176981	0.446933	-2.23747	0.0546563	0.294267	-3.39827	0.170828	0.441129	-2.26691	0.0166177	0.193708	-5.16241	0.0793208	0.335174	-2.98352	0.286557	0.537375	-1.8609	2.54213	12.6798	4.43366	1
cg11416518	HECW2	0.101754	0.928031	1.02354	1.02354	0.082107	0.608952	-1.64216	0.979305	1.0067	1.0067	0.951727	0.984531	-1.01571	0.180205	0.693177	-1.44263	0.246951	0.732168	-1.36581	0.00893033	2.35499	2.35499	0.731584	1.09272	1.09272	0.301	0.758841	-1.3178	2.54207	2.66966	0.933502	1
cg02209998	ERICH1	0.101755	0.101309	0.687667	-1.45419	0.0112506	0.515434	-1.94011	0.0896601	0.676716	-1.47773	0.528331	1.14263	1.14263	0.285479	0.793319	-1.26053	0.607454	0.897498	-1.11421	0.117478	1.42597	1.42597	0.615835	0.899796	-1.11136	0.914419	0.977814	-1.02269	2.54206	1.75372	0.613227	1
cg09565002	FGFBP1;FGFBP1	0.101755	0.0492318	2.35814	2.35814	0.0754814	0.469412	-2.13032	0.829796	0.92102	-1.08575	0.102367	1.98016	1.98016	0.129202	0.534419	-1.87119	0.157905	0.561562	-1.78075	0.285748	1.52763	1.52763	0.556372	1.25531	1.25531	0.420042	1.37006	1.37006	2.54205	5.88055	2.05627	1
cg16378003	NOB1	0.101758	0.354993	1.3698	1.3698	0.0113938	2.85028	2.85028	0.0128026	2.78013	2.78013	0.774961	0.909562	-1.09943	0.527112	1.23603	1.23603	0.264162	1.46947	1.46947	0.335661	1.38863	1.38863	0.355029	1.36977	1.36977	0.457843	0.778791	-1.28404	2.54202	4.40297	1.53962	1
cg22996004	PNPO	0.101759	0.337521	0.431068	-2.31982	0.08405	5.08797	5.08797	0.306915	2.46008	2.46008	0.810256	0.814884	-1.22717	0.00869478	0.0580849	-17.2162	0.288891	0.391817	-2.55221	0.296348	0.397909	-2.51314	0.253843	0.362717	-2.75697	0.705817	0.724157	-1.38092	2.54202	29.1607	10.1969	1
cg13066495	LHX4	0.101761	0.0197328	0.366131	-2.73126	0.918399	1.03724	1.03724	0.142031	0.569343	-1.75641	0.343799	0.706116	-1.4162	0.013617	0.336518	-2.97161	0.102461	0.528538	-1.89201	0.367518	0.718709	-1.39138	0.0751831	0.493133	-2.02785	0.141217	0.56859	-1.75874	2.54199	5.12595	1.79245	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25830696	PYY	0.101762	0.278572	11.6473	11.6473	0.349051	8.0583	8.0583	0.353434	7.893	7.893	0.892183	0.749689	-1.33389	0.320399	0.107756	-9.28026	0.318294	0.106598	-9.38099	?	?	?	0.104235	54.9119	54.9119	0.0101888	3323.02	3323.02	3.30686	192.67	36.4148	1
cg16945809	CEP164	0.101765	0.446749	1.09162	1.09162	0.0631201	1.26655	1.26655	0.329586	1.12046	1.12046	0.300563	0.8858	-1.12892	0.779067	0.968707	-1.0323	0.345883	0.896069	-1.11599	0.0639397	0.790264	-1.2654	0.299746	1.12917	1.12917	0.0331046	1.3253	1.3253	2.54195	0.514469	0.179904	1
cg00695633	DPEP2	0.101766	0.127716	0.696322	-1.43612	0.327954	0.800979	-1.24847	0.0539615	0.618287	-1.61737	0.877712	1.03442	1.03442	0.0536784	0.617843	-1.61853	0.401064	0.827871	-1.20792	0.0539933	1.61724	1.61724	0.5053	0.861949	-1.16016	0.0818813	0.654611	-1.52762	2.54194	1.94452	0.679977	1
cg07666098	ALG9;ALG9;ALG9;ALG9	0.101772	0.00651239	0.356491	-2.80512	0.905027	0.965781	-1.03543	0.511101	0.823304	-1.21462	0.204068	1.47845	1.47845	?	?	?	0.173647	1.52543	1.52543	0.929983	0.97469	-1.02597	0.571836	0.846492	-1.18135	0.561708	1.18668	1.18668	2.56948	3.07814	1.19797	1
cg25011003	WNT4	0.101772	0.85604	1.05534	1.05534	0.256241	1.42118	1.42118	0.494926	0.814202	-1.2282	0.10742	1.68394	1.68394	0.915187	1.0321	1.0321	0.00875678	2.69224	2.69224	0.0363565	2.05775	2.05775	0.136362	1.60959	1.60959	0.222275	1.46291	1.46291	2.54187	3.5413	1.23839	1
cg08951907	TOP3A;SMCR8	0.101775	0.599289	0.958359	-1.04345	0.0582906	1.18727	1.18727	0.79895	1.02069	1.02069	0.357028	0.926824	-1.07895	0.224318	1.10783	1.10783	0.105125	0.867575	-1.15264	0.0439423	0.830495	-1.2041	0.501187	1.0563	1.0563	0.114734	1.14752	1.14752	2.54184	0.259075	0.0905993	1
cg01180236	EEF2K	0.101777	0.81284	1.04879	1.04879	0.0298135	0.598425	-1.67105	0.439398	1.1716	1.1716	0.503056	0.872415	-1.14624	0.036303	0.613359	-1.63037	0.0915006	0.688531	-1.45237	0.188296	0.755811	-1.32308	0.420158	1.17987	1.17987	0.0643764	0.658807	-1.5179	2.54181	1.62363	0.567793	1
cg02792278	TMEM44;TMEM44;TMEM44;TMEM44	0.101778	0.0267606	0.390981	-2.55767	0.308056	1.45872	1.45872	0.868065	0.94224	-1.0613	0.800215	0.913249	-1.09499	0.00890372	0.303907	-3.29048	0.133715	0.560565	-1.78391	0.744737	1.12402	1.12402	0.927841	0.968106	-1.03295	0.498723	0.782109	-1.27859	2.54181	5.1553	1.80285	1
cg22328426	KCNC3	0.101778	0.0696804	0.424034	-2.3583	0.158697	0.528808	-1.89105	0.556753	0.777746	-1.28577	0.460303	0.727672	-1.37424	0.0339996	0.351141	-2.84786	0.259668	0.608193	-1.64422	0.0066987	0.225978	-4.42521	0.0925198	0.45707	-2.18785	0.272236	0.616746	-1.62141	2.54181	7.1996	2.51775	1
cg10907912	STK17B	0.101779	0.310576	0.713133	-1.40226	0.348638	0.732772	-1.36468	0.0170181	0.391565	-2.55386	0.28111	0.696992	-1.43474	0.714436	1.12572	1.12572	0.707993	1.1289	1.1289	0.0315125	2.25399	2.25399	0.860853	1.05817	1.05817	0.205849	0.650492	-1.5373	2.5418	4.17998	1.46178	1
cg23441167	SPATA1;GNG5	0.101779	0.06839	0.795555	-1.25698	0.982031	0.997479	-1.00253	0.130711	0.832816	-1.20075	0.319098	0.890993	-1.12234	0.0628569	0.790885	-1.26441	0.873352	0.982277	-1.01804	0.098684	1.22504	1.22504	0.530622	0.931272	-1.0738	0.0686577	1.25664	1.25664	2.54179	0.505836	0.176895	1
cg02995567	TUBB2A	0.101783	0.41374	0.876048	-1.14149	0.0159208	0.626529	-1.5961	0.401945	0.872963	-1.14552	0.825507	0.965634	-1.03559	0.00905735	0.591352	-1.69104	0.193963	0.804397	-1.24317	0.97065	0.99419	-1.00584	0.808242	0.962223	-1.03926	0.414729	1.14116	1.14116	2.54175	1.00977	0.353132	1
cg02023773	C17orf51	0.101786	0.0519872	0.424517	-2.35562	0.39087	0.711261	-1.40595	0.938332	0.970459	-1.03044	0.659471	0.842104	-1.1875	0.00559328	0.244137	-4.09606	0.0524257	0.425376	-2.35086	0.309603	0.665321	-1.50303	0.793165	1.1072	1.1072	0.239959	0.620745	-1.61097	2.54171	6.04588	2.11437	1
cg05201185	HLA-E	0.101789	0.708326	0.899417	-1.11183	0.32995	1.32789	1.32789	0.00695458	0.373435	-2.67784	0.238075	0.705672	-1.41709	0.138348	0.637583	-1.56842	0.601923	1.16005	1.16005	0.38768	1.28371	1.28371	0.150491	0.647442	-1.54454	0.307641	0.742384	-1.34701	2.54168	3.20311	1.12021	1
cg04774103	DNER	0.101791	0.0625092	0.628675	-1.59065	0.707901	0.920044	-1.0869	0.212271	1.33762	1.33762	0.325111	0.798539	-1.25229	0.0697124	0.638198	-1.56691	0.744562	0.930173	-1.07507	0.0508635	1.63641	1.63641	0.254965	1.30102	1.30102	0.203785	0.743068	-1.34577	2.54166	1.97329	0.690111	1
cg23038392	ZFP36L2;LOC100129726	0.101793	0.4264	0.760472	-1.31497	0.574837	0.826064	-1.21056	0.195569	0.630338	-1.58645	0.0635365	0.494917	-2.02054	0.0197021	0.386855	-2.58495	0.909902	0.962553	-1.0389	0.0221068	0.39645	-2.52239	0.610117	1.18932	1.18932	0.350396	1.38273	1.38273	2.54164	4.57573	1.60027	1
cg10496511	C14orf145	0.101797	0.408415	0.83007	-1.20472	0.0951106	0.667676	-1.49773	0.0959583	0.668498	-1.49589	0.181578	0.731715	-1.36665	0.0436968	0.600054	-1.66652	0.00865528	0.478453	-2.09007	0.695801	1.09041	1.09041	0.198505	0.74133	-1.34893	0.151041	0.712531	-1.40345	2.54161	1.95295	0.683017	1
cg14880079	GP5	0.101797	0.0189009	0.181553	-5.50805	0.18893	0.433763	-2.3054	0.0647819	0.288022	-3.47195	0.770734	0.839155	-1.19168	0.0393538	0.239178	-4.18098	0.113956	0.356303	-2.8066	0.046365	0.254252	-3.93311	0.239888	0.477823	-2.09282	0.0641694	0.287002	-3.48429	2.5416	14.497	5.07011	1
cg14404812	EXD3	0.1018	0.649012	1.1807	1.1807	0.0874123	1.98189	1.98189	0.00936694	3.30174	3.30174	0.283732	1.49739	1.49739	0.233029	0.635519	-1.57352	0.892999	0.952384	-1.05	0.225273	0.630223	-1.58674	0.899194	0.955096	-1.04701	0.388616	0.72593	-1.37754	2.54157	5.28973	1.85003	1
cg23567369	AP1G2	0.1018	0.981823	0.995749	-1.00427	0.0559411	1.49916	1.49916	0.010694	1.82203	1.82203	0.608037	1.10157	1.10157	0.961678	1.00902	1.00902	0.442858	0.863893	-1.15755	0.351559	1.19635	1.19635	0.0254785	1.6429	1.6429	0.551084	1.11939	1.11939	2.54157	1.4075	0.492258	1
cg01699919	URGCP	0.1018	0.405888	0.815734	-1.22589	0.0229143	1.91912	1.91912	0.463379	0.836295	-1.19575	0.414101	0.818758	-1.22136	0.174863	0.70778	-1.41287	0.464493	0.836681	-1.1952	0.0502971	1.70651	1.70651	0.943105	1.01724	1.01724	0.148068	0.6896	-1.45012	2.54157	2.30921	0.807625	1
cg06943912	SLC44A2	0.101801	0.375628	1.37789	1.37789	0.296893	0.682999	-1.46413	0.73264	0.886135	-1.1285	0.226661	0.639222	-1.5644	0.160797	1.6957	1.6957	0.160295	1.69692	1.69692	0.0384813	2.32861	2.32861	0.0946402	1.911	1.911	0.123162	0.55501	-1.80177	2.54156	5.00259	1.74961	1
cg07861448	MSC	0.101801	0.0369047	14.8877	14.8877	0.353099	0.344863	-2.8997	0.568245	0.525906	-1.90148	0.551404	1.95709	1.95709	0.121995	6.47291	6.47291	0.174163	0.199737	-5.00658	0.159328	0.187165	-5.34287	0.134329	6.04291	6.04291	0.124375	6.3845	6.3845	2.54156	49.9722	17.4774	1
cg01745726	SMARCB1;SMARCB1;SMARCB1;SMARCB1	0.101804	0.00954113	0.489578	-2.04258	0.775209	1.06427	1.06427	0.157398	1.38948	1.38948	0.446685	0.844728	-1.18381	0.447304	0.84493	-1.18353	0.947426	1.01445	1.01445	0.825146	1.04932	1.04932	0.0510851	1.6215	1.6215	0.861761	0.962791	-1.03865	2.54153	1.90516	0.666324	1
cg04108328	ESCO2	0.101805	0.0548113	0.171119	-5.84388	0.0427484	0.150996	-6.6227	0.158288	0.294485	-3.39575	0.430584	0.520951	-1.91957	0.0252637	0.115751	-8.63923	0.231388	0.361497	-2.76628	0.0137884	0.0847984	-11.7927	0.509014	0.581005	-1.72116	0.232772	0.362692	-2.75716	2.54152	26.4454	9.24922	1
cg13950905	SRPK2;SRPK2	0.101807	0.0375847	4.27075	4.27075	0.0784196	3.24309	3.24309	0.938357	1.04765	1.04765	0.144145	2.57091	2.57091	0.0539047	3.73216	3.73216	0.178548	2.36349	2.36349	0.015383	5.98853	5.98853	0.0797439	3.22271	3.22271	0.203103	2.24466	2.24466	2.54149	14.5782	5.09873	1
cg10580056	ACTC1	0.101808	0.283285	2.05106	2.05106	0.996094	0.996851	-1.00316	0.182954	0.402286	-2.48579	0.662808	1.32673	1.32673	0.146396	2.73078	2.73078	0.282632	2.05322	2.05322	0.00691918	9.50961	9.50961	0.0840516	3.4273	3.4273	0.299455	1.99957	1.99957	2.54148	16.7133	5.84551	1
cg04926766	C1orf65	0.101809	0.2007	0.560421	-1.78437	0.435215	0.710982	-1.40651	0.943932	0.970314	-1.03059	0.751824	0.872903	-1.1456	0.0149861	0.277637	-3.60183	0.235832	0.587264	-1.70281	0.0340624	0.346511	-2.88591	0.018407	0.293655	-3.40536	0.157822	0.523586	-1.9099	2.54147	7.38926	2.58442	1
cg06326667	JAKMIP3	0.101811	0.760959	1.13845	1.13845	0.264686	1.63887	1.63887	0.038437	2.77101	2.77101	0.0154531	0.282915	-3.53463	0.330205	0.652475	-1.53263	0.245432	0.596743	-1.67576	0.541226	1.3006	1.3006	0.524946	1.31491	1.31491	0.859618	1.07813	1.07813	2.54145	7.26863	2.54225	1
cg07025274	MR1	0.101813	0.0223614	0.263926	-3.78894	0.193672	0.512031	-1.95301	0.662633	0.807624	-1.2382	0.134017	0.455434	-2.19571	0.0399169	0.314778	-3.17684	0.109609	0.427862	-2.3372	0.0614463	0.358624	-2.78844	0.0452004	0.326833	-3.05967	0.0619858	0.359574	-2.78107	2.54143	9.53452	3.33478	1
cg26767299	PRKAR1B;PRKAR1B;PRKAR1B	0.101813	0.236397	0.508047	-1.96832	0.0132923	0.187415	-5.33577	0.0445526	0.283928	-3.52202	0.30678	0.5613	-1.78158	0.0378795	0.268725	-3.72127	0.374695	0.608156	-1.64431	0.0309746	0.250957	-3.98474	0.188173	0.467135	-2.14071	0.28184	0.543104	-1.84127	2.54143	11.9914	4.19411	1
cg25771013	MIR148A	0.101814	0.727615	0.821606	-1.21713	0.351693	1.71359	1.71359	0.106442	2.69297	2.69297	0.102403	2.73025	2.73025	0.0384766	0.259909	-3.84749	0.824358	0.882574	-1.13305	0.0989617	0.361853	-2.76356	0.115005	2.61968	2.61968	0.798386	0.866027	-1.1547	2.54142	12.7104	4.44559	1
cg12577187	T	0.101816	0.171946	0.717264	-1.39419	0.186529	1.37716	1.37716	0.0423205	0.585985	-1.70653	0.0736365	0.633961	-1.57739	0.748146	1.0764	1.0764	0.152898	0.704795	-1.41885	0.210836	1.35162	1.35162	0.0756606	0.636418	-1.57129	0.604842	0.887544	-1.1267	2.5414	2.10224	0.735288	1
cg17664128	CNFN	0.101819	0.0244874	0.523407	-1.91056	0.078701	1.60277	1.60277	0.446567	0.829094	-1.20614	0.183435	1.4063	1.4063	0.0766745	0.621466	-1.6091	0.760531	1.07664	1.07664	0.283479	0.763995	-1.30891	0.633706	1.12296	1.12296	0.348528	0.792033	-1.26257	2.54136	2.34893	0.821583	1
cg07822362	DDX23	0.10182	0.838415	1.04579	1.04579	0.144052	0.70881	-1.41081	0.378988	1.21887	1.21887	0.15978	0.719349	-1.39015	0.364415	1.22677	1.22677	0.902493	1.02724	1.02724	0.0108721	0.495975	-2.01623	0.765146	0.936414	-1.0679	0.113588	1.4587	1.4587	2.54135	1.93556	0.677001	1
cg24033957	CASP4	0.101823	0.84536	0.950454	-1.05213	0.188508	1.43703	1.43703	0.697409	0.903319	-1.10703	0.376444	1.26642	1.26642	0.250865	1.36645	1.36645	0.284037	1.33592	1.33592	0.00404443	2.73087	2.73087	0.109525	1.57467	1.57467	0.117427	1.55663	1.55663	2.54132	2.72562	0.953353	1
cg09340741	CHST7	0.101823	0.0772586	0.272461	-3.67024	0.0761338	0.270814	-3.69257	0.10901	0.314448	-3.18017	0.300677	0.491693	-2.03379	0.0650326	0.253762	-3.94071	0.00990825	0.115701	-8.64294	0.65568	1.34591	1.34591	0.968152	0.973918	-1.02678	0.896236	0.917253	-1.09021	2.54132	17.6359	6.1686	1
cg10673915	RBMS1;RBMS1	0.101824	0.520376	0.877176	-1.14002	0.0338034	1.64621	1.64621	0.515203	1.14193	1.14193	0.206904	1.30699	1.30699	0.163978	0.741766	-1.34813	0.485495	1.15321	1.15321	0.0351482	1.63819	1.63819	0.193778	0.758397	-1.31857	0.457881	0.85895	-1.16421	2.54131	1.62824	0.569517	1
cg15839421	WDR81;WDR81;WDR81;WDR81	0.101832	0.0299192	0.328727	-3.04204	0.501068	0.742734	-1.34638	0.573867	0.780771	-1.28078	0.877732	0.935149	-1.06935	0.0379292	0.35058	-2.85241	0.0851698	0.43652	-2.29085	0.0175157	0.283864	-3.52282	0.31135	0.633708	-1.57801	0.058809	0.394743	-2.53329	2.54122	7.63404	2.6703	1
cg19401752	WNT7A	0.101832	0.0724079	1.82355	1.82355	0.0447374	0.501331	-1.99469	0.0257969	0.452348	-2.21069	0.303279	1.37649	1.37649	0.979975	1.00755	1.00755	0.475655	1.24281	1.24281	0.618747	1.16223	1.16223	0.982477	0.99344	-1.0066	0.280252	0.714367	-1.39984	2.54122	3.61443	1.26429	1
cg02708341	PTMA;PTMA	0.101835	0.245581	0.789659	-1.26637	0.196319	0.766693	-1.3043	0.109125	1.40456	1.40456	0.0426549	0.635216	-1.57427	0.0717629	1.47833	1.47833	0.796544	1.05152	1.05152	0.596864	1.10937	1.10937	0.666104	1.08808	1.08808	0.106773	1.40834	1.40834	2.54119	1.52175	0.532298	1
cg13132716	ZNF672;ZNF672	0.10184	0.116868	0.700786	-1.42697	0.0155636	0.538389	-1.85739	0.137906	0.716459	-1.39575	0.448584	0.85114	-1.1749	0.0166738	0.543348	-1.84044	0.160629	0.731402	-1.36724	0.223556	0.765753	-1.3059	0.985032	1.00392	1.00392	0.589146	1.12053	1.12053	2.54114	1.75314	0.613248	1
cg17322125	ATP1B3	0.101844	0.722417	1.04821	1.04821	0.0252906	1.42056	1.42056	0.0857031	1.28493	1.28493	0.630353	1.06609	1.06609	0.261151	0.856688	-1.16729	0.0276338	0.709121	-1.4102	0.900721	0.983662	-1.01661	0.70346	1.05178	1.05178	0.584479	1.07561	1.07561	2.5411	0.701164	0.245271	1
cg18283554	SNRNP35;SNRNP35;SNRNP35	0.101846	0.659582	1.14315	1.14315	0.711557	1.11862	1.11862	0.859301	0.947857	-1.05501	0.326043	1.35804	1.35804	0.255677	0.69898	-1.43066	0.00394802	0.310304	-3.22265	0.467619	1.2499	1.2499	0.882333	0.956284	-1.04571	0.30946	1.37361	1.37361	2.54107	3.66593	1.28238	1
cg13500842	GYS1;GYS1;GYS1	0.101847	0.0693345	0.521983	-1.91577	0.200556	0.648824	-1.54125	0.0974755	0.558861	-1.78935	0.724494	0.892945	-1.11989	0.00366325	0.284425	-3.51587	0.222136	0.663283	-1.50765	0.440313	0.777397	-1.28634	0.985965	0.994388	-1.00564	0.746638	0.901476	-1.10929	2.54106	4.12027	1.44131	1
cg06932521	DERL1;DERL1	0.101848	0.605431	0.838123	-1.19314	0.894965	1.04578	1.04578	0.48157	0.784743	-1.2743	0.761482	0.901983	-1.10867	0.598733	0.835323	-1.19714	0.44671	1.30058	1.30058	0.00631977	0.299699	-3.33668	0.0947764	1.86301	1.86301	0.217657	1.55188	1.55188	2.54104	4.62102	1.61649	1
cg09547099	WWC1;WWC1;WWC1	0.101852	0.760286	1.11976	1.11976	0.86719	0.94001	-1.06382	0.0698645	2.11545	2.11545	0.882172	1.05635	1.05635	0.425688	0.740319	-1.35077	0.231022	0.628511	-1.59106	0.00639732	0.269449	-3.71128	0.405577	0.730136	-1.36961	0.330037	0.689676	-1.44996	2.541	5.49836	1.92342	1
cg10078415	ACSM3;ACSM3	0.101856	0.665552	1.30758	1.30758	0.0353337	0.220626	-4.53255	0.215252	0.447367	-2.2353	0.159684	0.395921	-2.52575	0.272066	0.494111	-2.02384	0.225237	0.455929	-2.19332	0.0071464	0.117408	-8.51733	0.7253	1.24303	1.24303	0.237059	0.465856	-2.14659	2.54097	15.3029	5.35331	1
cg11472422	B3GNTL1	0.101857	0.274795	0.558973	-1.789	0.31218	0.585557	-1.70778	0.0534607	0.325345	-3.07366	0.0771484	0.365682	-2.73462	0.0406974	0.298321	-3.35209	0.041354	0.299843	-3.33508	0.0499908	0.318478	-3.13993	0.0286998	0.26688	-3.747	0.727232	0.835888	-1.19633	2.54096	10.5456	3.68911	1
cg23209285	AGAP1;AGAP1	0.101858	0.106995	0.292989	-3.4131	0.0145258	0.122391	-8.17051	0.023617	0.151748	-6.58986	0.382457	0.53532	-1.86804	0.107687	0.293824	-3.4034	0.160141	0.350999	-2.84901	0.144461	0.334982	-2.98523	0.042767	0.196512	-5.08875	0.439584	0.576977	-1.73317	2.54094	19.588	6.85241	1
cg07773642	PSMD7	0.10186	0.540611	1.19383	1.19383	0.962971	1.01337	1.01337	0.137302	1.58046	1.58046	0.445	0.800371	-1.24942	0.00516654	0.34785	-2.8748	0.267124	0.718462	-1.39186	0.496465	1.21833	1.21833	0.778769	1.08388	1.08388	0.5209	1.20454	1.20454	2.54092	3.29163	1.15151	1
cg03342640	MRPL40	0.101861	0.0438912	1.60343	1.60343	0.487531	1.15465	1.15465	0.0557928	0.642896	-1.55546	0.47693	0.86292	-1.15886	0.218734	1.30175	1.30175	0.785504	1.05719	1.05719	0.116223	1.41625	1.41625	0.29237	0.800349	-1.24945	0.146381	0.72772	-1.37416	2.5409	1.67251	0.585096	1
cg07058234	RPH3AL	0.101866	0.179462	0.601329	-1.66298	0.988797	1.00502	1.00502	0.0389255	2.34602	2.34602	0.299789	0.681611	-1.46711	0.0746752	0.492508	-2.03042	0.0818053	0.502625	-1.98956	0.181951	1.65759	1.65759	0.222313	0.632869	-1.58011	0.845695	0.93286	-1.07197	2.54085	5.12016	1.79123	1
cg25585985	RBM22	0.101867	0.00589583	0.624207	-1.60203	0.897322	1.01703	1.01703	0.2228	1.18244	1.18244	0.67348	0.94607	-1.057	0.62291	0.937224	-1.06698	0.80784	0.968628	-1.03239	0.0450281	0.740172	-1.35104	0.928765	0.988372	-1.01177	0.220091	0.844794	-1.18372	2.54085	0.688569	0.240889	1
cg05466223	PIK3C2A	0.101869	0.0235594	0.562957	-1.77634	0.0143288	0.526469	-1.89945	0.0456918	0.614606	-1.62706	0.962542	1.01003	1.01003	0.723902	0.927411	-1.07827	0.561334	0.882683	-1.13291	0.702143	1.08507	1.08507	0.273819	0.785094	-1.27373	0.115592	0.695279	-1.43827	2.54082	1.81664	0.635539	1
cg22819824	NHLRC2	0.10187	0.595474	0.75306	-1.32792	0.212926	0.499428	-2.00229	0.0487383	0.303802	-3.29162	0.601489	1.32168	1.32168	0.996857	0.997917	-1.00209	0.764818	1.1721	1.1721	0.0422203	3.45066	3.45066	0.0832361	2.75935	2.75935	0.103924	2.56275	2.56275	2.54081	11.2731	3.94382	1
cg21900692	KIAA1210	0.101871	0.339946	0.704356	-1.41974	0.0537586	0.458208	-2.18242	0.281332	0.670987	-1.49034	0.28546	0.673454	-1.48488	0.0316485	0.407465	-2.4542	0.0402935	0.429885	-2.3262	0.235764	0.642255	-1.55701	0.798874	1.09526	1.09526	0.129656	1.79218	1.79218	2.5408	5.11005	1.78773	1
cg23388763	ZNF146;ZNF146;ZNF146	0.101872	0.0442652	0.669218	-1.49428	0.0150755	0.594997	-1.68068	0.0520531	0.681026	-1.46837	0.670878	1.07713	1.07713	0.747755	1.05769	1.05769	0.0793345	0.712802	-1.40291	0.82585	1.03905	1.03905	0.903794	1.02124	1.02124	0.378962	0.854796	-1.16987	2.54079	1.21579	0.425342	1
cg09372808	ADCY10;ADCY10	0.101877	0.0606587	1.73264	1.73264	0.0158957	0.464191	-2.15428	0.289245	0.751353	-1.33093	0.657213	0.890416	-1.12307	0.166083	1.46785	1.46785	0.836801	1.05506	1.05506	0.488222	1.20081	1.20081	0.714331	0.908882	-1.10025	0.17747	0.689033	-1.45131	2.54074	2.71762	0.950769	1
cg23941942	NUP35	0.101877	0.00820226	0.494397	-2.02267	0.362345	1.2153	1.2153	0.114556	1.42966	1.42966	0.67972	0.917174	-1.09031	0.501291	1.15275	1.15275	0.64393	0.907615	-1.10179	0.118546	0.702648	-1.42319	0.466713	1.16678	1.16678	0.967127	0.991454	-1.00862	2.54074	1.74535	0.610618	1
cg03826587	DMRTC1B;DMRTC1	0.101878	0.786444	1.17522	1.17522	0.699596	1.25926	1.25926	0.11988	0.366702	-2.72701	0.0237673	0.200998	-4.97517	0.0265117	0.209358	-4.7765	0.179729	2.33303	2.33303	0.357665	1.75489	1.75489	0.817332	0.871484	-1.14747	0.541194	0.692289	-1.44448	2.54073	14.2241	4.97639	1
cg14126777	SPIRE1;SPIRE1	0.101878	0.850995	1.06266	1.06266	0.0103276	0.351955	-2.84127	0.540731	0.818618	-1.22157	0.190627	1.56501	1.56501	0.232749	1.49841	1.49841	0.866977	1.05567	1.05567	0.328521	1.38532	1.38532	0.546744	0.821108	-1.21787	0.075979	0.528241	-1.89307	2.54073	4.20294	1.47042	1
cg17021798	FAM20C	0.101878	0.0276047	0.636095	-1.57209	0.101893	1.36476	1.36476	0.18548	0.783598	-1.27616	0.476685	1.13392	1.13392	0.239316	0.807332	-1.23865	0.43599	1.14801	1.14801	0.715336	1.06568	1.06568	0.426791	0.868549	-1.15134	0.0481891	0.675589	-1.48019	2.54072	1.21385	0.424672	1
cg22992772	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.101879	0.792287	0.872208	-1.14652	0.148816	0.448364	-2.23033	0.157158	2.18975	2.18975	0.595749	1.31967	1.31967	0.168476	2.13877	2.13877	0.0657906	2.914	2.914	0.0290653	3.79139	3.79139	0.0430797	3.33947	3.33947	0.989103	0.99295	-1.0071	2.54071	10.7995	3.77831	1
cg17854078	RSL24D1	0.10188	0.86681	1.0344	1.0344	0.364956	0.828974	-1.20631	0.793786	0.948585	-1.0542	0.00394695	0.457826	-2.18424	0.976271	1.00601	1.00601	0.7018	1.0806	1.0806	0.0372762	0.614406	-1.62759	0.969158	1.00782	1.00782	0.460447	0.859491	-1.16348	2.5407	1.63363	0.571542	1
cg16493755	MBTPS1	0.101882	0.20718	1.19647	1.19647	0.281383	0.859868	-1.16297	0.349206	1.13878	1.13878	0.684261	1.05668	1.05668	0.219882	0.840328	-1.19001	0.988345	0.998032	-1.00197	0.0106909	1.5414	1.5414	0.951609	1.00822	1.00822	0.0931512	0.779519	-1.28284	2.54068	0.731752	0.256012	1
cg12277627	ELF4;ELF4	0.101883	0.117828	0.220416	-4.53688	0.0844138	0.182739	-5.47228	0.571415	0.600936	-1.66407	0.590076	1.62299	1.62299	0.663766	1.4762	1.4762	0.179067	0.280572	-3.56414	0.0196152	12.313	12.313	0.792447	1.26468	1.26468	0.189213	3.45013	3.45013	2.54067	31.9028	11.1617	1
cg16628183	KIRREL3;KIRREL3	0.101884	0.235218	0.506267	-1.97524	0.0401306	3.66051	3.66051	0.631997	1.30213	1.30213	0.326698	0.574641	-1.74022	0.1323	0.41119	-2.43197	0.23577	1.97351	1.97351	0.399507	0.623816	-1.60304	0.0432449	0.280215	-3.56869	0.233604	0.504964	-1.98034	2.54066	12.0458	4.21439	1
cg18501395	FAM86B2	0.101885	0.0344722	0.413884	-2.41613	0.321603	0.693302	-1.44237	0.83451	0.927897	-1.07771	0.0611462	2.12715	2.12715	0.993669	1.00284	1.00284	0.848752	1.07068	1.07068	0.0241028	0.382061	-2.61738	0.162366	0.586501	-1.70503	0.604883	0.82969	-1.20527	2.54065	5.14874	1.80137	1
cg07059402	MIR659;EIF3L	0.101886	0.0623055	0.20519	-4.87354	0.095336	3.98729	3.98729	0.293643	0.439456	-2.27554	0.357425	2.04289	2.04289	0.85261	0.869028	-1.15071	0.355748	0.488214	-2.04828	0.0310935	0.148088	-6.75276	0.775326	1.24109	1.24109	0.0754995	0.224588	-4.4526	2.54064	22.9238	8.02032	1
cg01267165	LITAF;LITAF;LITAF;LITAF	0.101887	0.21086	0.594466	-1.68218	0.15912	1.81062	1.81062	0.810448	1.09943	1.09943	0.204797	1.69525	1.69525	0.0147877	0.30628	-3.26499	0.179258	0.569604	-1.75561	0.297512	0.653072	-1.53122	0.171574	0.563153	-1.77571	0.56086	1.26111	1.26111	2.54063	6.26243	2.19104	1
cg04442631	APOL4;APOL4	0.101887	0.0220859	0.128284	-7.79521	0.290487	0.440107	-2.27217	0.133811	0.298273	-3.35263	0.170015	0.335067	-2.98448	0.0211231	0.125616	-7.96078	0.199861	0.363044	-2.75448	0.0426809	0.174523	-5.72989	0.145431	0.310499	-3.22062	0.0556647	0.197443	-5.06476	2.54062	22.5224	7.87993	1
cg15199800	ELL3	0.101889	0.292539	0.858736	-1.1645	0.38167	0.882382	-1.1333	0.0168669	1.50168	1.50168	0.519513	1.09533	1.09533	0.662774	1.06311	1.06311	0.020381	0.677156	-1.47677	0.712738	1.05293	1.05293	0.696438	0.94679	-1.0562	0.727161	1.05006	1.05006	2.54061	0.782595	0.273809	1
cg24665290	EGLN3	0.10189	0.635159	1.09479	1.09479	0.13234	1.36031	1.36031	0.0142647	1.77297	1.77297	0.0677312	0.678594	-1.47364	0.821197	0.958016	-1.04382	0.230414	0.787893	-1.26921	0.528882	0.886143	-1.12849	0.971847	1.00671	1.00671	0.263402	1.2472	1.2472	2.5406	1.4445	0.505391	1
cg04803316	MS4A13;MS4A13;MS4A13;MS4A13	0.101893	0.203667	0.573667	-1.74317	0.522922	1.30758	1.30758	0.140115	0.518167	-1.92988	0.577803	1.26224	1.26224	0.710977	1.16668	1.16668	0.439697	0.72151	-1.38598	0.285784	1.58275	1.58275	0.0475826	0.39122	-2.5561	0.0133284	0.280859	-3.5605	2.54056	6.90274	2.41512	1
cg03854198	NTF3;NTF3	0.101894	0.507563	1.23487	1.23487	0.21748	1.50254	1.50254	0.392818	1.31615	1.31615	0.209778	0.660474	-1.51407	?	?	?	0.676179	0.876499	-1.1409	0.420619	0.772444	-1.29459	0.0906074	1.79515	1.79515	0.0113313	2.70485	2.70485	2.56812	3.5604	1.38638	1
cg19301632	OSBPL1A	0.101895	0.227003	0.67008	-1.49236	0.0188685	0.407477	-2.45412	0.0390029	0.470391	-2.12589	0.381531	1.3275	1.3275	0.0403208	0.473467	-2.11208	0.623911	0.85557	-1.16881	0.102062	0.568451	-1.75917	0.325115	0.725619	-1.37813	0.188283	0.644008	-1.55278	2.54054	4.00894	1.40265	1
cg26736200	WWP2	0.101895	0.800542	1.17137	1.17137	0.00792023	8.39613	8.39613	0.0540459	3.92082	3.92082	0.163574	0.394959	-2.53191	0.651019	1.32913	1.32913	0.589216	1.40581	1.40581	0.128961	2.78739	2.78739	0.285797	1.99898	1.99898	0.904166	1.07816	1.07816	2.54054	15.7078	5.49588	1
cg11552694	IRX2;IRX2;C5orf38	0.101898	0.701807	0.931846	-1.07314	0.302842	0.822148	-1.21633	0.757757	0.944816	-1.05841	0.381733	0.848227	-1.17893	0.00582295	0.515513	-1.93981	0.812514	1.04456	1.04456	0.491968	1.13662	1.13662	0.124776	1.35651	1.35651	0.296623	1.21964	1.21964	2.54051	1.35461	0.47396	1
cg12873350	UNC5B	0.101899	0.925094	0.970944	-1.02993	0.180323	1.56222	1.56222	0.0972999	1.76925	1.76925	0.320168	1.38002	1.38002	0.709837	0.889414	-1.12434	0.0101743	2.76271	2.76271	0.740891	1.10966	1.10966	0.259244	0.691388	-1.44637	0.17742	0.637968	-1.56748	2.5405	3.95597	1.38415	1
cg09745336	C6orf223	0.101902	0.780881	0.954644	-1.04751	0.972396	0.994257	-1.00578	0.473217	1.12911	1.12911	0.566357	1.10129	1.10129	0.203025	1.25067	1.25067	0.387055	1.15903	1.15903	0.0218812	0.632641	-1.58068	0.387989	0.863055	-1.15867	0.0207166	1.58978	1.58978	2.54047	1.11479	0.390055	1
cg05616472	EHMT1;C9orf37;EHMT1	0.101905	0.100432	0.568585	-1.75875	0.487972	1.2474	1.2474	0.0710694	1.88253	1.88253	0.558759	1.20382	1.20382	0.0841404	0.549076	-1.82124	0.980631	0.992412	-1.00765	0.0440213	0.483829	-2.06685	0.16986	0.632099	-1.58203	0.212695	0.662474	-1.50949	2.54044	3.96029	1.38569	1
cg02080909	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.101907	0.35667	2.31822	2.31822	0.0103338	17.5553	17.5553	0.00741075	21.3158	21.3158	0.449386	1.98112	1.98112	0.346593	2.36227	2.36227	0.321891	2.47837	2.47837	0.158364	3.80915	3.80915	0.43431	2.02899	2.02899	0.660024	1.48082	1.48082	2.54041	31.6484	11.0738	1
cg00520042	PEMT;PEMT;PEMT	0.101908	0.112084	0.348878	-2.86633	0.0281549	0.206413	-4.84466	0.0107027	0.141923	-7.04605	0.0765938	0.301543	-3.31627	0.189083	0.428788	-2.33215	0.133253	0.373142	-2.67994	0.133373	0.373274	-2.679	0.657044	0.761872	-1.31256	0.130858	0.370507	-2.699	2.5404	14.9046	5.21515	1
cg24226219	RASA3	0.101908	0.36706	0.768235	-1.30169	0.352821	1.31265	1.31265	0.102528	1.66256	1.66256	0.900398	0.964998	-1.03627	0.00625316	0.362812	-2.75625	0.848911	0.947177	-1.05577	0.304741	0.739026	-1.35313	0.939629	1.02179	1.02179	0.242278	0.705939	-1.41655	2.5404	3.2576	1.13984	1
cg01705029	RASSF8;RASSF8;RASSF8	0.10191	0.44397	1.52546	1.52546	0.855822	0.906273	-1.10342	0.964282	0.97606	-1.02453	0.198699	2.08534	2.08534	0.0601641	0.317524	-3.14937	0.408502	1.58003	1.58003	0.0433612	3.5158	3.5158	0.0216375	4.44686	4.44686	0.288906	1.81429	1.81429	2.54038	11.7802	4.12195	1
cg26359109	PTPRS;PTPRS;PTPRS;PTPRS	0.101916	0.295611	1.28859	1.28859	0.050221	1.68518	1.68518	0.687592	1.09911	1.09911	0.0481947	1.69528	1.69528	0.0774423	0.632	-1.58228	0.866199	1.04021	1.04021	0.262103	1.31439	1.31439	0.477145	0.844524	-1.1841	0.0555463	1.6607	1.6607	2.54032	2.19885	0.769406	1
cg14134006	ZNF566;ZNF566;ZNF566;ZNF566	0.101916	0.0522291	0.787295	-1.27017	0.0794071	0.809854	-1.23479	0.122369	0.834151	-1.19882	0.284897	0.886643	-1.12785	0.101747	0.823631	-1.21414	0.336855	0.8983	-1.11321	0.00542975	0.67283	-1.48626	0.698144	0.958666	-1.04312	0.572263	0.940062	-1.06376	2.54031	0.472	0.165159	1
cg17884169	EFCAB8	0.101916	0.090753	0.322002	-3.10557	0.564125	0.701479	-1.42556	0.406143	0.59642	-1.67667	0.944271	0.958378	-1.04343	0.00512338	0.105523	-9.47661	0.769825	1.19534	1.19534	0.251544	0.482647	-2.07191	0.752789	1.21185	1.21185	0.0516961	0.260125	-3.84431	2.54031	14.8785	5.2062	1
cg08149859	PDP2	0.101917	0.120619	0.39577	-2.52672	0.886838	1.08156	1.08156	0.815815	1.13709	1.13709	0.266248	0.528438	-1.89237	0.0261168	0.233788	-4.27737	0.0678241	0.324229	-3.08424	0.0132096	0.18427	-5.42683	0.289575	0.54593	-1.83174	0.137259	0.414236	-2.41409	2.54031	12.1977	4.26813	1
cg13265572	DCUN1D1	0.101918	0.408874	0.883312	-1.1321	0.780618	0.959817	-1.04187	0.149951	0.797146	-1.25448	0.634029	1.07299	1.07299	0.686297	0.942102	-1.06146	0.0922434	0.761689	-1.31287	0.0662451	1.35341	1.35341	0.10775	1.2941	1.2941	0.0419629	0.708721	-1.41099	2.54029	0.868088	0.303758	1
cg08307369	CALU;CALU;CALU;CALU	0.101919	0.169344	1.79058	1.79058	0.770398	1.12349	1.12349	0.680248	1.17926	1.17926	0.373781	0.695402	-1.43802	0.125057	0.516527	-1.93601	0.0045868	0.222798	-4.48838	0.782664	0.895813	-1.1163	0.827295	1.09083	1.09083	0.675007	0.845536	-1.18268	2.54029	6.3693	2.22873	1
cg17975492	NOP2;NOP2	0.101921	0.0429856	1.67792	1.67792	0.403095	1.20943	1.20943	0.234234	1.31931	1.31931	0.0410207	1.68879	1.68879	0.340757	1.2438	1.2438	0.00686279	2.17706	2.17706	0.892685	0.970449	-1.03045	0.79317	1.06013	1.06013	0.981965	1.00504	1.00504	2.54027	1.9869	0.695254	1
cg10739033	ACTR10	0.101922	0.17374	1.28616	1.28616	0.343774	1.18381	1.18381	0.126903	1.33354	1.33354	0.892892	0.977062	-1.02348	0.02579	1.59777	1.59777	0.520237	0.893605	-1.11906	0.156966	0.768403	-1.3014	0.566079	1.10525	1.10525	0.0266622	1.59163	1.59163	2.70087	1.24224	0.35773	1
cg20682326	MOGAT3;MOGAT3	0.101923	0.850068	0.934934	-1.06959	0.258363	0.657513	-1.52088	0.537262	0.800833	-1.2487	0.891098	1.04991	1.04991	0.0535695	0.458681	-2.18017	0.441474	0.756503	-1.32187	0.00310771	0.237378	-4.21268	0.623713	0.838789	-1.1922	0.789626	1.09973	1.09973	2.54024	5.08527	1.77945	1
cg11353706	SERPINE1;SERPINE1	0.101924	0.0478346	0.17394	-5.74913	0.0390679	0.157827	-6.33605	0.148501	0.30179	-3.31356	0.195308	0.346858	-2.88303	0.0334971	0.146569	-6.82271	0.283113	0.422264	-2.36819	0.0779335	0.219966	-4.54615	0.0254724	0.128409	-7.78761	0.115122	0.265982	-3.75966	2.54023	24.0421	8.41293	1
cg15538669	HSPA9	0.101925	0.207708	0.78053	-1.28118	0.283124	1.23122	1.23122	0.640496	1.09169	1.09169	0.0893993	1.41811	1.41811	0.878183	0.971798	-1.02902	0.0330987	0.628323	-1.59154	0.644275	1.09059	1.09059	0.0734514	1.45101	1.45101	0.166724	0.759584	-1.31651	2.54022	1.39958	0.48975	1
cg08603836	OPA3;OPA3;OPA3;OPA3	0.101927	0.263795	0.554577	-1.80318	0.00867294	5.4369	5.4369	0.539765	1.36914	1.36914	0.470434	1.45008	1.45008	0.619073	0.775955	-1.28873	0.703593	0.824095	-1.21345	0.997472	0.998398	-1.0016	0.0254515	3.83457	3.83457	0.953267	1.03011	1.03011	2.5402	10.3052	3.60607	1
cg23072908	GJB3;GJB3	0.101929	0.0893181	1.32903	1.32903	0.773467	1.04479	1.04479	0.0726952	0.737849	-1.35529	0.473424	1.11707	1.11707	0.566011	1.09208	1.09208	0.042323	1.42628	1.42628	0.206578	1.22417	1.22417	0.831214	1.03294	1.03294	0.0679984	0.7332	-1.36388	2.54018	0.927445	0.324542	1
cg26815962	TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1	0.101931	0.109413	0.176766	-5.6572	0.257945	3.20255	3.20255	0.504299	1.94497	1.94497	0.923919	1.09809	1.09809	0.231616	3.44894	3.44894	0.00785541	0.0308414	-32.4239	0.646519	0.635844	-1.57271	0.886643	1.14997	1.14997	0.385293	2.39943	2.39943	2.70076	40.1805	11.5714	1
cg14260485	AKT2	0.101932	0.0477201	0.600876	-1.66424	0.140074	1.42927	1.42927	0.651701	1.10764	1.10764	0.357977	1.23698	1.23698	0.55069	0.872991	-1.14549	0.0439309	1.68358	1.68358	0.0547544	0.61253	-1.63257	0.88844	0.968915	-1.03208	0.761593	0.933832	-1.07086	2.54014	2.03632	0.712582	1
cg20012309	SCARF1;SCARF1;SCARF1;SCARF1;SCARF1	0.101933	0.0757639	0.65149	-1.53494	0.660229	1.10065	1.10065	0.226516	1.31691	1.31691	0.703971	1.08628	1.08628	0.969404	0.991719	-1.00835	0.215365	1.32673	1.32673	0.0181316	1.8628	1.8628	0.354975	0.813596	-1.22911	0.123964	0.69686	-1.43501	2.54013	1.8908	0.661662	1
cg25169875	ZFP91;ZFP91-CNTF	0.101933	0.00845594	0.52234	-1.91446	0.871857	1.03167	1.03167	0.240364	1.268	1.268	0.460997	1.156	1.156	0.637167	0.912316	-1.09611	0.912614	0.979019	-1.02143	0.0407502	1.57815	1.57815	0.847318	1.03794	1.03794	0.71033	1.07472	1.07472	2.54013	1.50097	0.525246	1
cg18255614	NEK11;NEK11;NEK11;ASTE1	0.101935	0.3688	1.99253	1.99253	0.113288	0.276064	-3.62234	0.0230318	0.131298	-7.61626	0.0374204	6.07247	6.07247	?	?	?	0.625637	0.692653	-1.44372	0.706466	1.32654	1.32654	0.917796	1.08016	1.08016	0.997239	1.00259	1.00259	2.56767	20.1639	7.85299	1
cg02293991	VEGFB	0.101935	0.679327	0.884661	-1.13038	0.0174042	0.425868	-2.34814	0.952624	1.01767	1.01767	0.4227	1.27307	1.27307	0.0274333	0.463437	-2.15779	0.113768	0.602132	-1.66076	0.0472282	0.512029	-1.95301	0.512244	0.82205	-1.21647	0.288516	0.72264	-1.38381	2.54011	3.49663	1.22361	1
cg02257714	CACNA1H;CACNA1H	0.101939	0.996464	1.00306	1.00306	0.0745531	0.253806	-3.94002	0.128046	0.321233	-3.11301	0.0262898	0.162188	-6.16568	0.869111	1.12057	1.12057	0.051561	0.216636	-4.61604	?	?	?	0.771839	1.22224	1.22224	0.245764	2.31154	2.31154	2.56763	17.2212	6.70705	1
cg17933008	LOC100190938;LOC100190938	0.101941	0.326074	0.710678	-1.40711	0.0864158	0.528334	-1.89274	0.253422	0.66914	-1.49445	0.011453	0.344482	-2.90291	0.0373252	0.443073	-2.25697	0.340679	0.71839	-1.392	0.0293434	0.421252	-2.37388	0.934612	0.972739	-1.02802	0.200897	0.634439	-1.57619	2.54004	4.56426	1.59726	1
cg00591421	SORCS3	0.101942	0.010773	0.156696	-6.38176	0.0954267	0.346523	-2.88581	0.166011	0.425461	-2.35039	0.19617	0.453511	-2.20502	0.0276894	0.221823	-4.50811	0.729249	0.817892	-1.22266	0.34681	0.570936	-1.75151	0.995209	0.996532	-1.00348	0.0566596	0.287034	-3.48391	2.54004	13.465	4.71209	1
cg06367321	LOC100271831;GDPD3	0.101943	0.0865769	0.355414	-2.81362	0.0954924	0.367581	-2.72049	0.024158	0.230129	-4.34539	0.807187	0.874922	-1.14296	0.0474923	0.289717	-3.45164	0.0224338	0.224349	-4.45734	0.109705	0.38562	-2.59322	0.942021	0.961031	-1.04055	0.269799	0.533679	-1.87379	2.54002	12.0133	4.20408	1
cg11903133	ZFP64	0.101944	0.952594	1.08585	1.08585	0.313916	4.23259	4.23259	0.247745	5.33384	5.33384	0.655689	1.86209	1.86209	0.234099	0.177638	-5.62943	0.611211	0.491543	-2.03441	0.0449572	24.2342	24.2342	0.00701914	125.077	125.077	0.80505	1.40858	1.40858	2.54002	77.2044	27.018	1
cg27088473	GAR1;GAR1	0.101944	0.0315096	0.263496	-3.79513	0.613584	0.763945	-1.309	0.660002	0.791286	-1.26377	0.871009	0.917656	-1.08973	0.191182	0.481029	-2.07888	0.0130517	0.196235	-5.09592	0.0567351	0.31969	-3.12803	0.960921	0.974423	-1.02625	0.0457046	0.297781	-3.35817	2.54001	11.249	3.93664	1
cg10091738	HIST1H4E	0.101945	0.66728	1.33612	1.33612	0.00853453	0.0966236	-10.3494	0.301501	0.486515	-2.05544	0.166806	2.70881	2.70881	0.10953	0.30613	-3.26659	0.620163	0.715443	-1.39773	0.641664	1.36899	1.36899	0.590773	0.694963	-1.43893	0.269588	2.16928	2.16928	2.70058	18.7623	5.40362	1
cg02600349	LOC646851;CBY1;CBY1	0.101949	0.089548	2.51827	2.51827	0.0285669	3.57744	3.57744	0.0625027	2.81334	2.81334	0.10078	2.42751	2.42751	0.202962	0.515233	-1.94087	0.961001	1.02442	1.02442	0.518489	0.723993	-1.38123	0.173858	2.04185	2.04185	0.18931	1.9859	1.9859	2.53996	9.79328	3.42727	1
cg05744184	STAT5A	0.101949	0.758514	1.11108	1.11108	0.132037	1.74238	1.74238	0.990224	1.00419	1.00419	0.834993	1.07385	1.07385	0.0145908	0.357923	-2.7939	0.046035	2.18359	2.18359	0.808708	1.08638	1.08638	0.11804	1.78555	1.78555	0.86893	1.05803	1.05803	2.53996	4.69353	1.64256	1
cg17909311	ZNF160;ZNF160;ZNF160	0.101951	0.411639	0.898813	-1.11258	0.894048	0.983209	-1.01708	0.903684	0.984734	-1.0155	0.432911	0.903301	-1.10705	0.722123	0.955637	-1.04642	0.302954	0.873194	-1.14522	0.00167709	0.565024	-1.76983	0.460622	0.908957	-1.10016	0.324472	0.878705	-1.13804	2.53994	0.649616	0.227343	1
cg08976451	RPP30;RPP30	0.101951	0.507238	0.918192	-1.0891	0.821179	0.971689	-1.02914	0.914514	0.986471	-1.01371	0.0466076	1.33518	1.33518	0.153525	1.21392	1.21392	0.320245	1.13916	1.13916	0.0220392	0.705846	-1.41674	0.305144	0.873973	-1.1442	0.221007	1.17728	1.17728	2.53993	0.647343	0.226548	1
cg07474356	PCDH11X	0.101954	0.990285	0.998368	-1.00163	0.521643	0.916548	-1.09105	0.695888	1.05411	1.05411	0.0158774	0.672805	-1.48632	0.0242755	0.697489	-1.43371	0.839647	1.02755	1.02755	0.563179	1.08157	1.08157	0.471232	1.10332	1.10332	0.152592	1.2282	1.2282	2.53991	0.72405	0.253395	1
cg21659206	PTDSS2	0.101955	0.851356	1.03578	1.03578	0.0635829	0.676481	-1.47824	0.71664	0.933976	-1.07069	0.265043	1.24317	1.24317	0.645876	1.09057	1.09057	0.0930577	0.707343	-1.41374	0.057819	1.4947	1.4947	0.0843977	1.43008	1.43008	0.174026	1.31127	1.31127	2.5399	1.41257	0.494359	1
cg04532057	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.101957	0.55744	1.27111	1.27111	0.657161	0.834762	-1.19795	0.0623451	0.428161	-2.33557	0.271731	1.58819	1.58819	0.24895	0.614321	-1.62781	0.012339	0.283726	-3.52453	0.122658	0.508484	-1.96663	0.865009	1.07122	1.07122	0.114354	0.499383	-2.00247	2.53987	6.57598	2.30143	1
cg06624358	SAMD11	0.101959	0.579562	0.836718	-1.19515	0.00917294	2.86905	2.86905	0.244299	1.47406	1.47406	0.822003	1.07442	1.07442	0.127618	1.69008	1.69008	0.806196	1.08145	1.08145	0.292985	0.70644	-1.41555	0.363103	0.742487	-1.34683	0.083191	1.84225	1.84225	2.53985	4.08188	1.42856	1
cg24429159	MED4	0.101959	0.532506	0.919063	-1.08806	0.371045	0.8846	-1.13045	0.91855	0.986437	-1.01375	0.2242	0.843282	-1.18584	0.541172	0.920739	-1.08608	0.994184	1.00097	1.00097	0.00209393	0.561085	-1.78226	0.334614	0.875603	-1.14207	0.631174	1.0667	1.0667	2.53985	0.716895	0.250897	1
cg15835056	SLC41A1	0.101963	0.0501053	0.787269	-1.27021	0.793233	1.02853	1.02853	0.540752	1.06855	1.06855	0.309202	0.89343	-1.11928	0.102694	1.21069	1.21069	0.817732	0.975584	-1.02503	0.0766249	1.23477	1.23477	0.0919038	0.819809	-1.2198	0.160656	1.17405	1.17405	2.53981	0.4612	0.161412	1
cg26157270	CTNNA2;CTNNA2;LRRTM1	0.101965	0.241574	1.57269	1.57269	0.732961	1.13485	1.13485	0.45855	0.756691	-1.32154	0.111923	1.89537	1.89537	0.275352	1.52072	1.52072	0.0520688	2.2621	2.2621	0.0102788	3.30244	3.30244	0.055708	2.22731	2.22731	0.23822	1.57828	1.57828	2.53979	5.48836	1.92084	1
cg09903090	CCND3;CCND3;CCND3;CCND3	0.101971	0.00926699	0.473852	-2.11036	0.957684	0.98807	-1.01207	0.245294	1.31637	1.31637	0.879431	0.966249	-1.03493	0.138691	0.697312	-1.43408	0.335162	1.25208	1.25208	0.0729347	0.636082	-1.57212	0.271004	0.771662	-1.2959	0.41177	0.827105	-1.20904	2.53972	2.05782	0.720227	1
cg27160524	PXDN	0.101972	0.0662499	0.530246	-1.88592	0.117387	0.592306	-1.68832	0.011354	0.376802	-2.65392	0.0582554	0.517345	-1.93295	0.0538393	0.509601	-1.96232	0.0877299	0.559683	-1.78673	0.191833	0.653458	-1.53032	0.839936	0.939624	-1.06426	0.494956	0.807833	-1.23788	2.53972	3.81436	1.33501	1
cg24912310	WDR88	0.101974	0.348451	0.908779	-1.10038	0.38371	1.09255	1.09255	0.878276	1.0153	1.0153	0.522519	1.06633	1.06633	0.0263326	0.770248	-1.29828	0.406986	1.08769	1.08769	0.146978	1.16676	1.16676	0.0956603	0.834126	-1.19886	0.0630853	0.812884	-1.23019	2.53969	0.394966	0.138238	1
cg01077024	SDHAP2	0.101974	0.265253	1.26789	1.26789	0.203258	0.759905	-1.31595	0.0488547	1.58387	1.58387	0.0773041	1.49406	1.49406	0.121316	0.709352	-1.40974	0.904612	0.975789	-1.02481	0.0506165	1.57676	1.57676	0.809286	0.951771	-1.05067	0.362499	1.21087	1.21087	2.53969	1.68109	0.588381	1
cg21094454	C3orf22	0.101976	0.596443	1.17389	1.17389	0.00420949	3.1577	3.1577	0.329887	0.739602	-1.35208	0.856572	0.947171	-1.05578	0.275644	0.711611	-1.40526	0.329389	1.35253	1.35253	0.502288	1.22663	1.22663	0.414029	0.778409	-1.28467	0.669819	0.879258	-1.13732	2.53966	3.62	1.26701	1
cg23281809	FBXO42	0.101977	0.44685	0.7703	-1.29819	0.0101	2.9817	2.9817	0.0319086	2.33105	2.33105	0.0835266	1.90552	1.90552	0.475016	0.783079	-1.27701	0.513508	1.24987	1.24987	0.737751	1.11976	1.11976	0.706096	1.13601	1.13601	0.883533	0.951857	-1.05058	2.53966	4.55722	1.59504	1
cg04232816	LOC285033	0.101979	0.86354	0.915232	-1.09262	0.165661	0.467052	-2.14109	0.00970044	0.185474	-5.39159	0.049671	0.315692	-3.16765	0.938932	1.04024	1.04024	0.358373	1.62633	1.62633	0.868477	1.08908	1.08908	0.563356	1.35098	1.35098	0.115728	0.414614	-2.41188	2.53963	10.6646	3.73268	1
cg15264323	GATAD2A	0.10198	0.787334	1.03575	1.03575	0.0170888	1.45877	1.45877	0.981132	0.996933	-1.00308	0.026707	1.40638	1.40638	0.565339	0.927289	-1.07841	0.593118	1.07257	1.07257	0.525335	0.919801	-1.08719	0.0459255	1.34604	1.34604	0.193913	1.19546	1.19546	2.53963	0.678589	0.237511	1
cg02527252	PRAGMIN	0.10198	0.918444	1.02595	1.02595	0.00561923	2.48236	2.48236	0.0441178	1.78327	1.78327	0.223468	1.37699	1.37699	0.853615	1.04728	1.04728	0.240034	1.36027	1.36027	0.0721721	1.6519	1.6519	0.852411	1.04768	1.04768	0.909216	0.971874	-1.02894	2.53962	2.51608	0.880648	1
cg23678154	ANTXR1;ANTXR1	0.101981	0.624399	0.84335	-1.18575	0.0267084	0.403959	-2.4755	0.0239298	0.394464	-2.53508	0.131439	0.569937	-1.75458	0.56659	0.818732	-1.2214	0.859739	1.06297	1.06297	0.585705	1.20928	1.20928	0.101363	1.85765	1.85765	0.921029	1.03483	1.03483	2.53962	4.79441	1.67808	1
cg00650176	C9orf135	0.101982	0.0845076	7.54338	7.54338	0.628949	1.67466	1.67466	0.0894427	7.26427	7.26427	0.115399	6.12579	6.12579	0.0512263	10.4949	10.4949	0.718563	1.46702	1.46702	0.0119471	27.7007	27.7007	0.0603147	9.42579	9.42579	0.106375	6.47034	6.47034	2.5396	45.1037	15.7868	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05697832	SDK1;SDK1	0.101984	0.0403316	0.636257	-1.57169	0.370764	0.839077	-1.19179	0.645457	1.09247	1.09247	0.777452	1.05558	1.05558	0.0402768	1.57194	1.57194	0.0540458	1.51809	1.51809	0.281506	1.23821	1.23821	0.296138	0.813179	-1.22974	0.921153	1.01908	1.01908	2.53959	1.4658	0.513048	1
cg06444984	NPR1;NPR1	0.10199	0.437078	1.91824	1.91824	0.0300493	0.0220836	-45.2825	?	?	?	0.473117	1.80922	1.80922	0.56229	0.627752	-1.59299	0.127185	5.53142	5.53142	0.29338	0.384768	-2.59897	?	?	?	?	?	?	9.13023	39.1128	1.42796	1
cg04804770	GLI2	0.10199	0.618779	0.87221	-1.14651	0.47314	0.819653	-1.22003	0.0947475	0.606212	-1.64959	0.478402	1.21706	1.21706	0.245947	0.718389	-1.392	0.17099	1.48785	1.48785	0.00953366	2.44719	2.44719	0.659164	0.886048	-1.12861	0.70748	1.10821	1.10821	2.53951	2.98803	1.04588	1
cg24251048	RAB39	0.101991	0.0176834	1.92721	1.92721	0.15096	0.704714	-1.41902	0.143329	1.4299	1.4299	0.0959846	0.659881	-1.51542	0.536821	0.867442	-1.15282	0.219134	0.745387	-1.34159	0.887345	1.03276	1.03276	0.458238	1.18738	1.18738	0.676843	1.09999	1.09999	2.5395	2.07948	0.727869	1
cg14466506	LPP;LPP;LPP	0.101994	0.0779168	0.504474	-1.98226	0.451001	1.30767	1.30767	0.0629177	0.481527	-2.07673	0.433327	0.756341	-1.32215	0.0166736	0.360288	-2.77556	0.345988	1.40352	1.40352	0.186384	0.613067	-1.63114	0.689932	1.15035	1.15035	0.152386	0.585408	-1.70821	2.53947	4.90667	1.71748	1
cg14234340	DCAF12	0.101995	0.0846797	1.33069	1.33069	0.78879	1.04105	1.04105	0.117939	1.28964	1.28964	0.11737	1.29023	1.29023	0.0586349	1.37718	1.37718	0.0309436	1.46166	1.46166	0.724086	0.948284	-1.05454	0.142932	0.789864	-1.26604	0.925492	0.986084	-1.01411	2.53946	0.902805	0.316009	1
cg10937591	KCND3;KCND3	0.101995	0.309807	0.714515	-1.39955	0.0243865	2.35837	2.35837	0.0974655	1.78898	1.78898	0.566865	1.20339	1.20339	0.6703	1.1468	1.1468	?	?	?	0.0216421	2.4157	2.4157	0.152111	1.63345	1.63345	0.429887	1.29398	1.29398	2.567	3.69696	1.44018	1
cg26258631	PMS1;ORMDL1;ORMDL1;PMS1;PMS1	0.101995	0.868566	0.977763	-1.02274	0.904298	1.01647	1.01647	0.244595	1.17972	1.17972	0.00905286	1.56899	1.56899	0.130824	1.24798	1.24798	0.663824	1.06118	1.06118	0.0519881	0.740674	-1.35012	0.743325	1.04563	1.04563	0.825259	0.970422	-1.03048	2.53946	0.741519	0.259555	1
cg09940267	NTNG1;NTNG1;NTNG1	0.101996	0.184509	0.533946	-1.87285	0.308598	1.59963	1.59963	0.627694	0.804236	-1.24342	0.518884	1.33846	1.33846	0.0181804	0.27848	-3.59093	0.193238	0.541308	-1.84738	0.0355558	0.335949	-2.97664	0.264233	1.67995	1.67995	0.617579	0.798999	-1.25157	2.53945	7.99268	2.79769	1
cg00800038	TCF25	0.101997	0.0035739	0.297115	-3.3657	0.902359	1.03846	1.03846	0.503593	1.23211	1.23211	0.63007	1.16094	1.16094	0.984146	0.993909	-1.00613	0.291773	1.39987	1.39987	0.263625	1.43096	1.43096	0.462095	0.794368	-1.25886	0.918564	0.96904	-1.03195	2.53944	3.80321	1.33125	1
cg07648238	LTBR	0.101998	0.0359902	4.77136	4.77136	0.154964	2.65129	2.65129	0.280377	2.05199	2.05199	0.407531	0.58116	-1.7207	0.154459	2.6549	2.6549	0.908606	0.929076	-1.07634	0.180474	2.4869	2.4869	0.0473627	4.27734	4.27734	0.020877	5.93595	5.93595	2.53943	16.5045	5.77714	1
cg19856822	PCNP	0.102002	0.871551	0.969598	-1.03136	0.0712274	0.680816	-1.46883	0.0739626	0.683876	-1.46225	0.482702	0.872735	-1.14582	0.0123849	0.552108	-1.81124	0.194772	0.769752	-1.29912	0.0436452	0.642396	-1.55667	0.491186	1.14272	1.14272	0.212663	0.778458	-1.28459	2.53938	1.4641	0.512495	1
cg21370778	KIAA0528	0.102003	0.0586615	0.72662	-1.37624	0.159217	0.798559	-1.25226	0.602662	1.0817	1.0817	0.873986	0.976548	-1.02402	0.428468	1.12848	1.12848	0.788678	1.04099	1.04099	0.00562922	0.580791	-1.72179	0.75544	0.954357	-1.04783	0.780832	1.04259	1.04259	2.53937	0.899136	0.314736	1
cg03705235	UBE2I;UBE2I;UBE2I;UBE2I	0.102007	0.501324	1.24095	1.24095	0.827338	0.933237	-1.07154	0.279214	0.700573	-1.4274	0.257632	1.45305	1.45305	0.00931514	0.352262	-2.8388	0.0365863	0.463775	-2.15622	0.978321	0.991442	-1.00863	0.906485	1.03787	1.03787	0.225465	0.668538	-1.4958	2.53933	4.02386	1.40854	1
cg05999191	POP1;POP1;POP1;HRSP12	0.102008	0.068298	0.185534	-5.38985	0.140274	3.70379	3.70379	0.0515266	6.22822	6.22822	0.0387854	0.138805	-7.20435	0.388359	0.482109	-2.07422	0.649994	1.4579	1.4579	0.590971	0.639077	-1.56476	0.639434	0.677461	-1.4761	0.327515	0.434255	-2.3028	2.53932	27.3898	9.58781	1
cg20201954	CPT1A;CPT1A	0.102009	0.550141	1.26866	1.26866	0.639201	1.20424	1.20424	0.0662138	2.25013	2.25013	0.189651	0.578796	-1.72772	0.60757	1.22615	1.22615	0.016499	0.315693	-3.16763	0.961286	1.01929	1.01929	0.208436	1.6853	1.6853	0.163105	1.79666	1.79666	2.53931	6.23007	2.18084	1
cg25524473	DUSP5	0.102013	0.26574	0.614001	-1.62866	0.0490109	2.57342	2.57342	0.114307	2.05939	2.05939	0.0946212	0.461773	-2.16557	0.767855	0.882943	-1.13258	0.698488	0.848987	-1.17787	0.0285425	0.337316	-2.96458	0.789057	0.89335	-1.11938	0.905781	0.95142	-1.05106	2.53927	7.11372	2.49021	1
cg10841253	CLNK	0.102013	0.850471	0.91302	-1.09527	0.00933439	4.90293	4.90293	0.030939	3.39264	3.39264	0.953358	1.0286	1.0286	0.813105	0.892082	-1.12097	0.619615	1.27288	1.27288	0.104804	2.35077	2.35077	0.188459	1.95794	1.95794	0.47563	0.704852	-1.41874	2.53927	9.34986	3.27299	1
cg26655076	AGAP1;AGAP1	0.102015	0.979524	1.00449	1.00449	0.088069	0.719823	-1.38923	0.123733	0.747385	-1.338	0.422059	1.154	1.154	0.989265	1.00235	1.00235	0.290757	0.825734	-1.21104	0.00994033	1.76594	1.76594	0.489228	1.13054	1.13054	0.865935	0.97092	-1.02995	2.53925	1.22675	0.429435	1
cg05666571	C18orf10;KIAA1328;C18orf10	0.102016	0.383349	1.18442	1.18442	0.554107	1.11998	1.11998	0.324509	0.824773	-1.21245	0.0688853	1.47031	1.47031	0.440359	0.861578	-1.16066	0.272761	1.24126	1.24126	0.00913262	0.534182	-1.87202	0.716251	0.933219	-1.07156	0.993081	0.99836	-1.00164	2.53924	1.44175	0.504703	1
cg12049462	CFLAR;CFLAR;CFLAR;CFLAR	0.102017	0.130968	0.22629	-4.41911	0.495348	0.57284	-1.74569	0.445179	0.531997	-1.87971	?	?	?	?	?	?	?	?	?	0.0338286	14.5448	14.5448	?	?	?	0.292294	2.50267	2.50267	5.22562	22.5448	2.58857	1
cg10753101	PTPRN2;PTPRN2;PTPRN2	0.10202	0.381729	0.789917	-1.26596	0.0406817	1.86117	1.86117	0.0632349	1.73183	1.73183	0.287644	0.748107	-1.33671	0.0938017	0.616076	-1.62318	0.247845	0.727903	-1.37381	0.487683	1.20364	1.20364	0.3451	0.774434	-1.29127	0.278078	0.743421	-1.34513	2.53919	2.77893	0.972813	1
cg04681963	ZNF879	0.102021	0.0704712	0.796062	-1.25618	0.434886	0.914038	-1.09405	0.218508	0.864146	-1.15721	0.597461	1.06196	1.06196	0.522176	1.07592	1.07592	0.290005	1.1319	1.1319	0.0126725	0.704999	-1.41844	0.350498	1.11451	1.11451	0.33637	1.11832	1.11832	2.53919	0.511835	0.179177	1
cg19075194	E2F6;E2F6;E2F6;E2F6;E2F6;E2F6	0.102026	0.766977	1.0386	1.0386	0.154366	0.823401	-1.21448	0.625484	0.939231	-1.0647	0.900812	1.01602	1.01602	0.720716	1.04682	1.04682	0.628735	1.06406	1.06406	0.0035835	1.65329	1.65329	0.859044	1.02291	1.02291	0.331414	0.880099	-1.13624	2.53913	0.65323	0.22868	1
cg09962298	CHST14	0.102026	0.116664	1.40251	1.40251	0.120233	0.71573	-1.39717	0.280806	0.800559	-1.24913	0.167061	0.746552	-1.33949	0.023303	0.583941	-1.7125	0.136118	0.727108	-1.37531	0.719347	1.07423	1.07423	0.273488	1.25374	1.25374	0.312511	0.81277	-1.23036	2.53912	1.58345	0.554329	1
cg18762104	SEMA4C;SEMA4C	0.102026	0.212317	0.832325	-1.20145	0.885031	0.97999	-1.02042	0.125957	1.26027	1.26027	0.626897	1.07083	1.07083	0.0535167	0.736122	-1.35847	0.0805555	0.762787	-1.31098	0.881184	1.02112	1.02112	0.03488	1.4099	1.4099	0.977597	0.996085	-1.00393	2.53912	0.784906	0.274778	1
cg07312445	NSUN7;NSUN7	0.102027	0.449179	0.874784	-1.14314	0.718904	0.939228	-1.0647	0.39931	0.860985	-1.16146	0.52862	1.1171	1.1171	0.284031	1.21295	1.21295	0.234331	1.24142	1.24142	0.00542328	0.53006	-1.88658	0.266908	0.818205	-1.22219	0.500946	1.1258	1.1258	2.53912	1.21006	0.423614	1
cg14282904	KCNG1	0.102027	0.196157	0.550547	-1.81638	0.820438	0.905492	-1.10437	0.913885	1.04837	1.04837	0.0672058	2.44908	2.44908	0.968993	1.01712	1.01712	0.341175	1.53465	1.53465	0.0229794	0.304936	-3.27938	0.0414733	0.358194	-2.79178	0.90814	0.950846	-1.0517	2.53911	7.66793	2.68438	1
cg11157034	MIR557	0.102028	0.371872	0.868619	-1.15125	0.515978	0.903768	-1.10648	0.148478	0.788125	-1.26883	0.0416935	1.43433	1.43433	0.944101	0.989285	-1.01083	0.360186	1.15548	1.15548	0.0163009	1.57023	1.57023	0.364224	0.866545	-1.15401	0.845474	1.03043	1.03043	2.53911	0.94909	0.332256	1
cg24909667	FAM20A;FAM20A	0.102028	0.194131	0.721753	-1.38552	0.195256	0.722413	-1.38425	0.017875	0.504976	-1.98029	0.553069	0.867249	-1.15307	0.0254017	0.532251	-1.87881	0.0909172	0.642725	-1.55588	0.638052	1.11904	1.11904	0.0417824	0.572936	-1.7454	0.401275	0.815529	-1.2262	2.53911	2.26566	0.79316	1
cg14474898	FAM60A;FAM60A;FAM60A	0.102028	0.366139	0.839678	-1.19093	0.384074	1.18289	1.18289	0.407982	1.17267	1.17267	0.0930622	0.706296	-1.41584	0.624367	1.09733	1.09733	0.251256	0.798044	-1.25306	0.0490974	0.655235	-1.52617	0.74694	1.06283	1.06283	0.0277867	1.6314	1.6314	2.5391	1.42429	0.498616	1
cg26944151	FAM69B	0.102029	0.142343	0.55597	-1.79866	0.313597	0.678459	-1.47393	0.126423	1.85044	1.85044	0.192689	0.59859	-1.67059	0.0484002	0.431951	-2.31507	0.555025	0.800736	-1.24885	0.0378561	0.408095	-2.45041	0.0763521	0.480039	-2.08316	0.10496	0.517122	-1.93378	2.53909	5.57138	1.95044	1
cg06973730	XPO4	0.102032	0.0928932	0.816088	-1.22536	0.0854286	1.23246	1.23246	0.646926	0.950567	-1.052	0.752979	0.965889	-1.03532	0.1166	0.829088	-1.20614	0.772201	1.03242	1.03242	0.0100697	0.699769	-1.42904	0.905891	1.01309	1.01309	0.945532	0.992517	-1.00754	2.53906	0.485939	0.17012	1
cg04743474	MBNL3	0.102038	0.0247551	0.290941	-3.43712	0.0397193	0.333416	-2.99926	0.0452983	0.346229	-2.88826	0.588311	0.77692	-1.28713	0.0227969	0.284067	-3.5203	0.109206	0.446311	-2.24059	0.154172	0.494325	-2.02296	0.223146	0.553653	-1.80619	0.284459	0.598364	-1.67122	2.539	8.5786	3.00332	1
cg15635368	INPP1;INPP1	0.102039	0.442077	1.13021	1.13021	0.0620752	1.38827	1.38827	0.00532951	1.77414	1.77414	0.153486	1.26956	1.26956	0.483332	1.11767	1.11767	0.985883	0.997241	-1.00277	0.318786	0.85137	-1.17458	0.900705	1.01968	1.01968	0.769632	0.955175	-1.04693	2.53899	0.9807	0.343338	1
cg05138397	LY9;LY9	0.102039	0.355059	0.653912	-1.52926	0.782422	1.13157	1.13157	0.0920713	0.436937	-2.28866	0.9179	1.04711	1.04711	0.343244	0.646648	-1.54644	0.788969	0.887119	-1.12725	0.440331	1.421	1.421	0.00329718	0.167393	-5.97396	0.620628	0.800297	-1.24954	2.53899	8.01648	2.80654	1
cg08530065	LHFP	0.10204	0.620237	0.843404	-1.18567	0.981222	0.992007	-1.00806	0.0154729	0.363212	-2.75322	0.202196	0.631847	-1.58266	0.0909154	0.529952	-1.88696	0.254181	1.50076	1.50076	0.0670539	2.01348	2.01348	0.649223	0.855448	-1.16898	0.691215	0.872733	-1.14583	2.53898	4.67467	1.63659	1
cg15954792	CNGA3;CNGA3	0.102043	0.0250865	0.574263	-1.74136	0.396358	0.838196	-1.19304	0.897854	0.974328	-1.02635	0.043423	0.618302	-1.61733	0.0150993	0.535303	-1.8681	0.730926	1.07244	1.07244	0.421848	1.18137	1.18137	0.853225	0.963189	-1.03822	0.461976	0.858957	-1.1642	2.69939	1.71589	0.494402	1
cg00329943	TXNL4B;TXNL4B;DHX38;TXNL4B;TXNL4B	0.102043	0.106584	1.61384	1.61384	0.0218864	2.11088	2.11088	0.10382	1.62114	1.62114	0.587097	1.1606	1.1606	0.848659	0.949431	-1.05326	0.526324	0.839965	-1.19053	0.888384	1.03888	1.03888	0.0121507	2.33732	2.33732	0.638645	1.13709	1.13709	2.53894	2.96683	1.03869	1
cg12950665	SDK1;SDK1	0.102044	0.164951	0.662055	-1.51045	0.851885	0.949293	-1.05342	0.208278	0.691191	-1.44678	0.168679	0.664761	-1.5043	0.020082	0.458012	-2.18335	0.932806	1.02376	1.02376	0.0461018	1.88944	1.88944	0.304165	0.743584	-1.34484	0.186685	0.677262	-1.47653	2.53893	3.11671	1.09117	1
cg00564164	ZNF563	0.102046	0.63726	1.10251	1.10251	0.661831	1.09464	1.09464	0.0063225	2.07622	2.07622	0.0927498	1.46235	1.46235	0.287907	0.797167	-1.25444	0.654152	1.09708	1.09708	0.91843	1.02127	1.02127	0.893037	0.972738	-1.02803	0.0539472	1.56756	1.56756	2.53891	1.69741	0.594275	1
cg02694620	FNDC3B;FNDC3B	0.102048	0.261147	0.640574	-1.5611	0.794203	1.10446	1.10446	0.272111	0.647611	-1.54414	0.793882	0.905276	-1.10464	0.0160621	0.326325	-3.06443	0.891468	1.05326	1.05326	0.283646	1.52707	1.52707	0.29768	1.50729	1.50729	0.0247941	0.362204	-2.76088	2.53889	5.80825	2.03352	1
cg22912497	RYR1;RYR1	0.102055	0.14839	0.175284	-5.70504	0.208046	0.225143	-4.44162	0.0434394	0.0736299	-13.5814	0.233798	0.246076	-4.06379	0.0127147	0.0308672	-32.3968	0.291278	0.292268	-3.42152	0.0370379	0.0658749	-15.1803	0.858765	0.818668	-1.2215	0.0554392	0.0872858	-11.4566	2.53881	50.7341	17.763	1
cg13685151	C1orf186	0.102056	0.0688763	1.73926	1.73926	0.918623	1.02817	1.02817	0.190741	1.45737	1.45737	0.165683	0.669048	-1.49466	0.0175147	0.455657	-2.19463	0.874643	0.957989	-1.04385	0.835121	1.05829	1.05829	0.138837	0.648487	-1.54205	0.426293	0.801854	-1.24711	2.5388	2.97139	1.04035	1
cg05783233	SLC6A17	0.102056	0.155217	2.35773	2.35773	0.0691661	3.14744	3.14744	0.163244	2.3144	2.3144	0.508327	1.45993	1.45993	0.386237	1.65015	1.65015	0.936427	0.956014	-1.04601	0.0120303	0.170989	-5.84834	0.751448	0.835955	-1.19624	0.67508	1.26837	1.26837	2.5388	12.7856	4.4765	1
cg12407844	C14orf135	0.102061	0.200304	1.18626	1.18626	0.31283	1.1409	1.1409	0.0148999	1.45949	1.45949	0.545163	0.925599	-1.08038	0.0607475	0.765727	-1.30595	0.59126	0.933843	-1.07084	0.435409	0.904407	-1.1057	0.337291	1.13304	1.13304	0.384873	0.893609	-1.11906	2.53875	0.640991	0.224429	1
cg04309258	ZNF669;ZNF669	0.102068	0.452157	1.41639	1.41639	0.0919445	2.32373	2.32373	0.0906562	2.33311	2.33311	0.117764	0.462076	-2.16414	0.449195	1.41976	1.41976	0.153027	2.00467	2.00467	0.0488369	0.359717	-2.77996	0.307162	0.618502	-1.61681	0.924539	1.044	1.044	2.53868	8.3049	2.90786	1
cg20687414	MIR138-1	0.102069	0.891228	1.05112	1.05112	0.704231	0.870247	-1.1491	0.173019	1.69617	1.69617	0.738262	1.12999	1.12999	0.0564186	0.455154	-2.19706	0.786242	0.905693	-1.10413	0.19785	1.64209	1.64209	0.0117826	3.14628	3.14628	0.201286	1.63521	1.63521	2.53866	5.33888	1.86936	1
cg08061902	LOC400696	0.102069	0.759252	1.06709	1.06709	0.0982342	1.46681	1.46681	0.272238	1.27303	1.27303	0.252028	0.776658	-1.28757	0.550342	1.13615	1.13615	0.051133	1.59868	1.59868	0.0131933	1.91367	1.91367	0.490294	1.15953	1.15953	0.0623077	1.55774	1.55774	2.53866	1.794	0.628153	1
cg04171329	ACAA2;ACAA2;SCARNA17	0.102071	0.104007	0.773582	-1.29269	0.0404456	0.710472	-1.40751	0.232626	0.834622	-1.19815	0.0641811	0.740525	-1.35039	0.549152	0.916181	-1.09149	0.192313	0.819295	-1.22056	0.311916	1.1631	1.1631	0.299085	1.16817	1.16817	0.175731	1.23114	1.23114	2.53864	0.838678	0.293657	1
cg26469058	TCF20;TCF20	0.102072	0.0711221	0.498935	-2.00427	0.0888586	0.523483	-1.91028	0.10715	0.545228	-1.83409	0.0539262	0.47017	-2.12689	0.00897936	0.317919	-3.14545	0.0967159	0.533194	-1.87549	0.679946	0.866694	-1.15381	0.245457	0.657718	-1.52041	0.157278	0.593557	-1.68476	2.53863	4.78248	1.67456	1
cg21507807	RASA3	0.102072	0.587645	0.849373	-1.17734	0.597427	0.853066	-1.17224	0.0435425	0.500537	-1.99785	0.229194	0.686424	-1.45683	0.626113	1.15767	1.15767	0.222943	1.46502	1.46502	0.0299498	2.14154	2.14154	0.112902	1.67285	1.67285	0.433134	1.26936	1.26936	2.53863	3.57499	1.25177	1
cg06008433	ZNF143	0.102075	0.0956991	0.817369	-1.22344	0.0257953	0.746981	-1.33872	0.104062	1.21633	1.21633	0.0285786	0.752279	-1.32929	0.395486	0.90856	-1.10064	0.761816	0.967056	-1.03407	0.822262	1.0251	1.0251	0.264056	0.879601	-1.13688	0.463141	0.921	-1.08578	2.5386	0.488224	0.170951	1
cg23599843	JPH1	0.102075	0.684855	1.16392	1.16392	0.890306	0.949958	-1.05268	0.183835	1.68969	1.68969	0.439004	0.745539	-1.34131	0.52176	0.785393	-1.27325	0.085438	0.492949	-2.02861	0.024512	0.369072	-2.7095	0.437072	0.744577	-1.34304	0.0475927	2.32312	2.32312	2.5386	5.56476	1.9485	1
cg12686273	CCDC64B	0.102078	0.0855271	0.389408	-2.568	0.0698112	0.365646	-2.73489	0.375028	0.636488	-1.57112	0.625855	0.783627	-1.27612	0.033158	0.290618	-3.44094	0.0539882	0.337762	-2.96067	0.0183215	0.241576	-4.13948	0.0711382	0.367782	-2.719	0.764499	0.861498	-1.16077	2.53857	9.8995	3.46635	1
cg14228460	PRUNE2	0.102079	0.714777	0.827554	-1.20838	0.094692	2.5785	2.5785	0.157238	2.1816	2.1816	0.370896	1.60614	1.60614	0.244061	0.533382	-1.87483	0.379866	0.628413	-1.59131	0.0299557	0.267947	-3.73208	0.658484	1.25785	1.25785	0.0741969	0.35843	-2.78995	2.53856	10.6926	3.74409	1
cg08851607	ASTN1;ASTN1	0.102079	0.544289	0.660642	-1.51368	0.785253	0.831526	-1.20261	0.757763	1.23241	1.23241	0.0451067	4.72536	4.72536	0.0473097	0.215899	-4.63179	0.224582	2.36715	2.36715	0.761213	0.81393	-1.22861	0.0456692	4.70086	4.70086	0.243707	0.438708	-2.27942	2.53855	18.3446	6.42348	1
cg02859511	KIAA1908;KIAA1908;PSMG3;KIAA1908;PSMG3	0.10208	0.684454	0.880411	-1.13583	0.427868	1.28702	1.28702	0.0695026	1.88308	1.88308	0.211039	0.663128	-1.508	0.0216631	0.423406	-2.3618	0.090987	0.559683	-1.78673	0.681783	1.13714	1.13714	0.645061	1.15557	1.15557	0.2722	1.42801	1.42801	2.53855	3.90694	1.36804	1
cg19777001	RCOR1	0.102082	0.317703	1.35161	1.35161	0.0256709	2.16658	2.16658	0.942667	0.979236	-1.0212	0.132905	1.60478	1.60478	0.0323679	0.481483	-2.07692	0.280915	0.721122	-1.38673	0.398275	1.28698	1.28698	0.617826	1.15805	1.15805	0.352229	1.32216	1.32216	2.53852	3.42152	1.19808	1
cg20781847	SCARA3;SCARA3	0.102084	0.418904	0.542262	-1.84413	0.00508045	0.0642881	-15.555	0.041917	0.176001	-5.6818	0.957841	1.03995	1.03995	0.183111	0.351101	-2.84818	0.105031	0.269142	-3.71551	0.400611	0.528602	-1.89178	0.192727	0.360056	-2.77735	0.983325	0.984633	-1.01561	2.53851	22.0741	7.72951	1
cg02119073	TBC1D16	0.102087	0.882456	0.967967	-1.03309	0.0318616	1.73929	1.73929	0.721686	1.08189	1.08189	0.982403	0.995158	-1.00487	0.850068	1.04252	1.04252	0.737233	1.07691	1.07691	0.00437695	2.31057	2.31057	0.605502	1.12148	1.12148	0.475779	0.852511	-1.17301	2.53847	1.94677	0.681695	1
cg08160619	CORO1A	0.102088	0.175879	0.740139	-1.3511	0.727413	0.929445	-1.07591	0.364789	1.21496	1.21496	0.121053	1.4212	1.4212	0.975142	1.00654	1.00654	0.591683	1.11987	1.11987	0.645566	0.907709	-1.10167	0.0078449	0.489992	-2.04085	0.169349	0.736298	-1.35815	2.53846	1.75761	0.61546	1
cg16065628	NUDT11	0.102089	0.0569121	0.356298	-2.80664	0.0766742	0.389423	-2.5679	0.455712	1.4389	1.4389	0.783202	0.87625	-1.14123	0.0524194	0.347688	-2.87615	0.710987	0.836725	-1.19514	0.0491246	0.34104	-2.93221	0.0286307	0.290353	-3.44409	0.880406	1.07477	1.07477	2.53845	9.22274	3.22952	1
cg08195484	MTF2;MTF2;MTF2;MTF2	0.10209	0.0949858	0.789899	-1.26598	0.0903916	0.786739	-1.27107	0.185186	1.19796	1.19796	0.107878	1.25297	1.25297	0.147062	1.22143	1.22143	0.24024	1.17124	1.17124	0.714126	1.04843	1.04843	0.0601591	1.31329	1.31329	0.48979	1.09437	1.09437	2.53844	0.66431	0.232623	1
cg08297686	RAD51L1;RAD51L1;RAD51L1	0.102092	0.149896	0.596727	-1.67581	0.875891	0.949595	-1.05308	0.812577	0.924398	-1.08178	0.411067	0.756488	-1.3219	0.589959	1.19754	1.19754	0.016446	2.72264	2.72264	0.208989	1.55544	1.55544	0.0291346	2.39449	2.39449	0.993408	1.00274	1.00274	2.69879	4.58085	1.32018	1
cg06773216	HCP5	0.102094	0.0205271	10.3811	10.3811	0.0717913	5.39423	5.39423	0.211548	3.01466	3.01466	0.230117	2.87382	2.87382	0.046835	6.73944	6.73944	0.699469	1.38435	1.38435	?	?	?	0.0851205	4.93361	4.93361	0.047641	6.67984	6.67984	2.56591	25.3929	9.89625	1
cg08262429	SDCCAG8	0.102095	0.633407	1.12112	1.12112	0.0637457	1.64198	1.64198	0.713852	0.916099	-1.09158	0.423534	0.823252	-1.21469	0.208917	0.729665	-1.37049	0.391669	1.23222	1.23222	0.022139	1.92078	1.92078	0.0347001	1.79647	1.79647	0.878409	1.0371	1.0371	2.53839	2.27609	0.797038	1
cg14822525	MRPL16	0.102099	0.992122	1.00178	1.00178	0.01113	0.564344	-1.77197	0.0964403	0.720288	-1.38833	0.320596	0.831533	-1.2026	0.236681	1.24967	1.24967	0.174075	1.29684	1.29684	0.546692	1.11588	1.11588	0.794133	0.954077	-1.04813	0.207005	0.78724	-1.27026	2.53835	1.29912	0.454931	1
cg24667363	GFM1	0.102099	0.434301	1.08905	1.08905	0.962975	0.995049	-1.00498	0.0279896	0.757601	-1.31996	0.152243	0.848755	-1.1782	0.799521	1.02759	1.02759	0.704515	0.960079	-1.04158	0.120857	1.19706	1.19706	0.0669424	1.24557	1.24557	0.140752	1.18461	1.18461	2.53834	0.459645	0.160961	1
cg03671748	GRK4;GRK4;GRK4;NOP14	0.102106	0.638372	1.17018	1.17018	0.342427	1.38524	1.38524	0.199377	1.57382	1.57382	0.175699	1.6194	1.6194	0.0818859	0.522202	-1.91497	?	?	?	0.0193136	0.38011	-2.63082	0.431624	0.765666	-1.30605	0.854278	0.94084	-1.06288	2.72492	4.13027	1.32627	1
cg20489305	STON2	0.102107	0.862369	0.946885	-1.0561	0.148161	0.613897	-1.62894	0.869817	0.949716	-1.05295	0.235752	1.47821	1.47821	0.00647918	0.32849	-3.04423	0.400716	1.3107	1.3107	0.167461	1.58855	1.58855	0.916666	1.03347	1.03347	0.908885	1.03667	1.03667	2.53826	3.97725	1.39282	1
cg01961752	TTLL10	0.102107	0.141785	2.76753	2.76753	0.059551	3.93656	3.93656	0.322552	1.93186	1.93186	0.145566	2.73737	2.73737	0.221859	2.28732	2.28732	0.275922	2.07581	2.07581	0.00471176	11.2445	11.2445	0.428793	1.68292	1.68292	0.0690965	3.70873	3.70873	2.53826	16.6933	5.84595	1
cg06788790	RNF126P1	0.102109	0.0940198	7.71216	7.71216	0.017026	25.2284	25.2284	0.0424644	13.3609	13.3609	0.851553	1.23103	1.23103	0.298433	3.30623	3.30623	0.241671	3.89505	3.89505	0.150041	5.5401	5.5401	0.0414651	13.5819	13.5819	0.0470862	12.4428	12.4428	2.53823	49.485	17.3296	1
cg08831594	TSPAN15	0.10211	0.729428	1.08708	1.08708	0.460669	1.19796	1.19796	0.59865	0.880097	-1.13624	0.0527943	0.588986	-1.69783	0.00811063	2.2595	2.2595	0.559538	1.15246	1.15246	0.427315	0.822921	-1.21518	0.279201	1.31068	1.31068	0.57682	1.14519	1.14519	2.53822	2.32464	0.814092	1
cg05623411	ZDHHC21	0.102111	0.0386044	0.284753	-3.51181	0.199934	0.49166	-2.03393	0.914398	0.945182	-1.058	0.389539	0.629814	-1.58777	0.219277	0.507953	-1.96869	0.264916	0.54378	-1.83898	0.00537753	0.146362	-6.83238	0.163328	0.458367	-2.18166	0.0886956	0.37359	-2.67673	2.53822	11.0515	3.87025	1
cg17568962	TEAD3	0.102111	0.0307732	0.44099	-2.26762	0.389624	0.752377	-1.32912	0.224805	0.662672	-1.50904	0.0271561	0.430029	-2.32543	0.0209834	0.408104	-2.45035	0.476241	0.791542	-1.26336	0.0581102	0.500981	-1.99609	0.238953	0.67165	-1.48887	0.0819493	0.536849	-1.86272	2.53822	4.18694	1.46628	1
cg24323328	ERC1;ERC1;ERC1;ERC1;ERC1	0.102113	0.683209	0.94915	-1.05357	0.0651537	1.3013	1.3013	0.22033	1.17811	1.17811	0.488271	0.914335	-1.09369	0.685353	1.05318	1.05318	0.0528119	1.32309	1.32309	0.023135	0.707932	-1.41257	0.375468	1.12266	1.12266	0.709692	1.04871	1.04871	2.53819	0.650369	0.227763	1
cg23159337	ATP13A4	0.102116	0.27458	0.607591	-1.64584	0.0112541	0.248653	-4.02167	0.0661674	0.405231	-2.46773	0.769919	0.879375	-1.13717	0.0826232	0.430618	-2.32224	0.0314334	0.330845	-3.02257	0.0960137	0.448792	-2.22821	0.185636	0.540565	-1.84992	0.8027	0.896079	-1.11597	2.53816	7.72223	2.70441	1
cg19651706	CEACAM16	0.102117	0.0769755	0.107046	-9.34177	0.431003	0.40122	-2.4924	0.329678	0.318866	-3.13611	0.157147	0.179229	-5.57944	0.0302476	0.0553144	-18.0785	0.115358	0.142982	-6.99387	0.01683	0.0363656	-27.4985	0.0342359	0.0603869	-16.5599	0.123391	0.150127	-6.66104	2.53814	51.8969	18.1749	1
cg03274989	ZNF321	0.102117	0.077272	6.79936	6.79936	0.0975488	5.87337	5.87337	0.0479389	9.17684	9.17684	0.18841	3.85623	3.85623	0.444474	2.11796	2.11796	0.77283	1.32041	1.32041	0.0188028	16.7308	16.7308	0.0264428	13.402	13.402	0.0606732	7.9133	7.9133	2.69848	38.5468	11.1103	1
cg00039463	CREBBP;CREBBP	0.102118	0.0563796	2.56768	2.56768	0.152799	1.95101	1.95101	0.931729	1.03811	1.03811	0.32112	1.56427	1.56427	0.0264442	3.15398	3.15398	0.11473	2.11423	2.11423	0.0106636	4.06013	4.06013	0.142925	1.98822	1.98822	0.484558	1.36348	1.36348	2.53813	7.65827	2.68203	1
cg04132651	ATP2A1;ATP2A1	0.102122	0.0416829	0.351555	-2.84451	0.22937	0.570323	-1.75339	0.0581602	0.385472	-2.59422	0.723072	1.17164	1.17164	0.0130471	0.253815	-3.93987	0.212082	0.556987	-1.79537	0.0906511	0.43607	-2.29321	0.865974	1.07811	1.07811	0.177948	0.528709	-1.8914	2.5381	7.96798	2.79053	1
cg24382918	ATP1B3	0.102123	0.946555	1.02937	1.02937	0.0452714	2.69624	2.69624	0.488696	1.35495	1.35495	0.0975108	2.19288	2.19288	0.915808	1.04673	1.04673	0.16626	1.89171	1.89171	0.767154	0.87965	-1.13682	0.00899165	4.19765	4.19765	0.0629869	2.46764	2.46764	2.53809	7.49676	2.62551	1
cg02339392	ZNF187;ZNF187;ZNF187	0.102124	0.193651	0.552216	-1.81089	0.240747	0.588459	-1.69936	0.0342917	0.344328	-2.9042	0.994766	0.997172	-1.00284	0.0734241	0.422403	-2.36741	0.223331	0.575568	-1.73742	0.0226486	0.307832	-3.24852	0.0188071	0.292627	-3.41732	0.301089	0.629646	-1.58819	2.53807	7.49291	2.62418	1
cg00270259	SFTPC	0.102124	0.21388	1.46826	1.46826	0.383346	1.29997	1.29997	0.23019	0.691122	-1.44692	0.190814	1.50159	1.50159	0.931156	1.02568	1.02568	0.0613438	1.85642	1.85642	0.00738826	2.7537	2.7537	0.677717	0.884575	-1.13049	0.434674	1.26355	1.26355	2.53807	3.46201	1.21247	1
cg20015787	ECE1;ECE1;ECE1	0.102126	0.313362	1.26447	1.26447	0.567552	0.878074	-1.13886	0.189024	0.731161	-1.36769	0.846073	1.04471	1.04471	0.994969	1.00142	1.00142	0.718972	1.08471	1.08471	0.204591	1.35152	1.35152	0.0266932	0.553841	-1.80557	0.0181208	0.524249	-1.90749	2.53805	2.03546	0.712869	1
cg25799986	WFDC2	0.102127	0.187132	2.01043	2.01043	0.119394	2.32584	2.32584	0.350471	1.61608	1.61608	0.655158	1.25173	1.25173	0.0935538	2.51229	2.51229	0.0607025	2.87535	2.87535	0.0067339	5.78275	5.78275	0.0549883	2.96495	2.96495	0.708433	1.20639	1.20639	2.53805	10.0281	3.5121	1
cg14394617	HNRNPA1;HNRNPA1;HNRNPA1L-2;HNRNPA1;HNRNPA1;CBX5	0.102129	0.0930451	1.23732	1.23732	0.0147121	0.70748	-1.41347	0.0674594	0.789676	-1.26634	0.111207	0.818756	-1.22137	0.473128	0.919347	-1.08773	0.855446	1.02124	1.02124	0.655199	0.949519	-1.05316	0.776341	0.967707	-1.03337	0.174124	0.846517	-1.18131	2.53802	0.533897	0.186986	1
cg25024920	MARCH10;MARCH10	0.102131	0.799255	0.911079	-1.0976	0.303182	0.677234	-1.47659	0.0729359	0.481447	-2.07707	0.175652	1.69256	1.69256	0.0704583	0.47767	-2.0935	0.223717	1.59541	1.59541	0.0346738	0.406613	-2.45934	0.455116	1.3205	1.3205	0.521568	1.26795	1.26795	2.538	5.3679	1.88002	1
cg01155847	DHRS11	0.102132	0.802776	1.0412	1.0412	0.0170736	1.59853	1.59853	0.815992	1.03832	1.03832	0.846239	1.03182	1.03182	0.311988	0.84473	-1.18381	0.281425	0.834769	-1.19794	0.0247935	0.649805	-1.53892	0.767797	0.953356	-1.04893	0.302429	1.18809	1.18809	2.53798	1.04618	0.366407	1
cg01647560	DLG2;DLG2;DLG2	0.102139	0.167062	0.537712	-1.85973	0.19026	1.79369	1.79369	0.0419082	2.68478	2.68478	0.723853	0.861207	-1.16116	0.0535533	0.39714	-2.518	0.195556	0.561821	-1.77993	0.950186	1.02666	1.02666	0.130382	1.98993	1.98993	0.61458	1.23845	1.23845	2.53791	7.13115	2.49764	1
cg03675159	ZNF783	0.10214	0.259267	0.7352	-1.36017	0.0494068	0.556484	-1.797	0.0427331	0.543531	-1.83982	0.220325	0.71404	-1.40048	0.259147	0.735138	-1.36029	0.415779	0.804612	-1.24283	0.0440373	1.83087	1.83087	0.34065	0.773632	-1.29261	0.177749	0.687744	-1.45403	2.5379	2.74589	0.961734	1
cg11545838	FGFR3;FGFR3;FGFR3	0.10214	0.630475	1.26928	1.26928	0.687398	0.819554	-1.22018	0.65562	1.24709	1.24709	0.0736958	2.66665	2.66665	0.0624759	0.356494	-2.80509	0.443021	0.680613	-1.46926	0.012675	0.217792	-4.59153	0.469371	1.43636	1.43636	0.756299	0.858006	-1.16549	2.5379	9.72736	3.40697	1
cg11644585	NTN1	0.102148	0.172468	0.492466	-2.0306	0.00723399	0.184417	-5.42248	0.363098	0.633842	-1.57768	0.626303	1.27046	1.27046	0.0659659	0.365584	-2.73535	0.166521	0.486963	-2.05354	0.105137	0.421579	-2.37204	0.0767353	0.382793	-2.61238	0.366555	0.636035	-1.57224	2.53781	9.56407	3.34989	1
cg19532954	ID3	0.102149	0.148361	0.480256	-2.08222	0.188698	0.517463	-1.93251	0.574261	1.30804	1.30804	0.0251099	0.283561	-3.52658	0.103293	0.430435	-2.32323	0.299714	0.601439	-1.66268	0.0337087	0.309353	-3.23255	0.0433703	0.333159	-3.00157	0.0922201	0.416122	-2.40314	2.5378	8.99519	3.15065	1
cg27640078	CTSO	0.102155	0.265812	2.03548	2.03548	0.334992	1.83938	1.83938	0.507959	1.50933	1.50933	0.203521	2.27656	2.27656	0.106939	2.94096	2.94096	0.311973	1.8986	1.8986	0.0263323	5.02637	5.02637	0.00824789	7.93219	7.93219	0.0484453	3.98282	3.98282	2.53774	15.1002	5.28911	1
cg18719294	FDX1	0.102157	0.524459	1.1616	1.1616	0.236468	1.33388	1.33388	0.954167	1.01344	1.01344	0.380394	0.811421	-1.23241	0.257487	1.3158	1.3158	0.420734	1.2105	1.2105	0.00487675	0.420349	-2.37897	0.879343	1.03591	1.03591	0.476878	1.18291	1.18291	2.53772	2.16789	0.759348	1
cg08819647	PHYHIP;PHYHIP	0.102157	0.116514	0.415499	-2.40674	0.0144227	4.72471	4.72471	0.785606	1.15075	1.15075	0.713373	0.826966	-1.20924	0.0712975	0.354388	-2.82177	0.899081	0.93675	-1.06752	0.134711	0.435843	-2.29441	0.6155	0.770452	-1.29794	0.310846	0.582758	-1.71598	2.53772	10.6586	3.7334	1
cg00933182	FMNL1	0.102158	0.470851	0.757843	-1.31953	0.150535	1.79045	1.79045	0.576423	1.23779	1.23779	0.0159393	3.05149	3.05149	0.545926	1.25987	1.25987	0.487424	1.30563	1.30563	0.0188686	2.93029	2.93029	0.521079	1.27872	1.27872	0.045959	2.37412	2.37412	2.5377	5.74267	2.0115	1
cg20826526	SSR3	0.102158	0.218979	1.4263	1.4263	0.407161	1.26224	1.26224	0.197833	0.688083	-1.45331	0.939569	0.979391	-1.02104	0.849859	0.949282	-1.05343	0.595399	1.15859	1.15859	0.399519	0.789083	-1.26729	0.2487	1.3926	1.3926	0.00480047	2.79518	2.79518	2.5377	3.03194	1.06201	1
cg13329862	DDR1;DDR1	0.102159	0.301298	0.553082	-1.80805	0.00796012	0.152377	-6.56266	0.0402929	0.269786	-3.70664	0.563898	1.38074	1.38074	0.183667	0.458386	-2.18157	0.48954	0.678278	-1.47432	0.115762	0.388516	-2.57389	0.562416	1.38247	1.38247	0.913261	0.941524	-1.06211	2.5377	12.2911	4.30523	1
cg00034039	C9orf85;FAM108B1;FAM108B1	0.102165	0.0352888	0.773583	-1.29269	0.682003	1.04408	1.04408	0.793588	0.972914	-1.02784	0.245613	1.13561	1.13561	0.152603	1.17402	1.17402	0.154892	1.17283	1.17283	0.655458	0.954061	-1.04815	0.19867	1.15285	1.15285	0.0300509	1.30631	1.30631	2.53763	0.440712	0.154374	1
cg00870269	LIPC	0.102167	0.149536	0.224184	-4.46061	0.525077	1.86489	1.86489	0.760071	0.74349	-1.34501	0.938919	0.928524	-1.07698	0.0751625	0.146988	-6.8033	0.128775	0.204229	-4.89646	0.0159255	0.0574681	-17.401	0.0229162	0.0718234	-13.923	0.274306	0.33263	-3.00634	2.53761	37.6331	13.1823	1
cg06864275	SBNO2	0.102167	0.819675	0.958856	-1.04291	0.188433	1.29229	1.29229	0.285823	0.81549	-1.22626	0.240883	0.797788	-1.25347	0.0135828	0.570118	-1.75402	0.985464	1.00336	1.00336	0.287082	0.815958	-1.22555	0.0765785	1.43685	1.43685	0.280615	0.813542	-1.22919	2.53761	1.36071	0.476636	1
cg11937920	UACA;UACA	0.102172	0.305764	1.42865	1.42865	0.103238	0.54906	-1.82129	0.0972674	0.542159	-1.84448	0.203336	1.571	1.571	0.114427	0.561242	-1.78176	0.149178	1.68262	1.68262	0.204735	1.56857	1.56857	0.969963	1.01275	1.01275	0.115813	0.562689	-1.77718	2.53756	4.54816	1.59319	1
cg03846288	RNF111	0.102172	0.770823	0.939683	-1.06419	0.0134663	1.91865	1.91865	0.16045	1.37625	1.37625	0.651045	0.907572	-1.10184	0.121788	1.42938	1.42938	0.3795	0.825289	-1.2117	0.300986	0.795913	-1.25642	0.060723	1.56885	1.56885	0.618365	1.1129	1.1129	2.53756	1.8232	0.638654	1
cg12448003	BDNF;BDNF;BDNF;BDNF;BDNF	0.102172	0.393709	0.729996	-1.36987	0.0696197	2.07715	2.07715	0.72176	1.13747	1.13747	0.178415	0.597481	-1.67369	0.755931	0.893761	-1.11887	0.433639	0.749903	-1.33351	0.476594	0.770497	-1.29786	0.00879547	3.32618	3.32618	0.979482	0.990779	-1.00931	2.53755	5.21511	1.82682	1
cg18562663	BCL6;BCL6	0.102175	0.167919	0.813855	-1.22872	0.319618	1.15505	1.15505	0.908994	1.01616	1.01616	0.70222	0.947585	-1.05531	0.863898	0.976241	-1.02434	0.563412	1.08531	1.08531	0.419611	0.890854	-1.12252	0.0188799	1.48969	1.48969	0.0196906	1.48414	1.48414	2.53753	0.78941	0.276528	1
cg16113793	LAMA3;LAMA3;LAMA3;LAMA3	0.102176	0.0828004	0.492329	-2.03116	0.516937	0.784754	-1.27428	0.022653	0.365457	-2.7363	0.0098086	0.299896	-3.33449	0.239857	0.635094	-1.57457	0.614403	0.82912	-1.2061	0.549998	0.800032	-1.24995	0.122227	0.539093	-1.85497	0.0747796	0.480895	-2.07946	2.53751	5.46859	1.91564	1
cg08867825	OLFM3	0.102177	0.0681608	12.1379	12.1379	0.471515	2.44775	2.44775	0.602275	1.90146	1.90146	0.457896	0.39697	-2.51908	0.191538	0.184527	-5.41927	0.55567	0.482639	-2.07194	0.214233	0.202258	-4.94419	0.0322214	21.4474	21.4474	0.0647245	12.6252	12.6252	2.5375	60.0342	21.03	1
cg23540819	ASAH1;ASAH1;ASAH1	0.102178	0.124768	0.508559	-1.96634	0.117407	1.99763	1.99763	0.921182	0.960531	-1.04109	0.967457	1.01674	1.01674	0.0219186	0.326686	-3.06105	0.618455	0.815222	-1.22666	0.10274	0.483646	-2.06763	0.529895	1.29554	1.29554	0.0569672	0.416258	-2.40236	2.53749	6.6534	2.3307	1
cg11969913	FKBP7;MIR548N;FKBP7	0.102184	0.786098	1.0607	1.0607	0.0310245	1.73061	1.73061	0.0323888	1.72057	1.72057	0.832205	1.04704	1.04704	0.479128	0.85568	-1.16866	0.131632	0.702879	-1.42272	0.297393	0.791343	-1.26367	0.468284	0.852262	-1.17335	0.177079	1.36452	1.36452	2.53742	1.88592	0.660661	1
cg10764381	SALL2	0.102187	0.410222	0.812872	-1.23021	0.180453	1.41891	1.41891	0.122458	0.662475	-1.50949	0.552625	0.862612	-1.15927	0.0929772	0.634645	-1.57568	0.0854012	0.626367	-1.59651	0.187713	0.70931	-1.40982	0.0410435	1.78607	1.78607	0.615083	0.882735	-1.13284	2.5374	2.43223	0.852047	1
cg18087306	LMNB2	0.102189	0.855713	1.09016	1.09016	0.0998893	2.35156	2.35156	0.238667	1.79547	1.79547	0.470541	0.706006	-1.41642	0.0488573	0.344118	-2.90598	0.358029	0.638746	-1.56557	0.125542	0.455557	-2.19511	0.0890617	2.43349	2.43349	0.188571	0.516511	-1.93607	2.53737	9.03813	3.16623	1
cg25332207	SH3PXD2B	0.102191	0.0508637	0.523993	-1.90842	0.203293	1.47722	1.47722	0.661161	0.879726	-1.13672	0.0378403	2.01306	2.01306	0.0678011	0.551913	-1.81188	0.880359	1.04473	1.04473	0.202331	0.676322	-1.47859	0.98348	0.994002	-1.00603	0.305844	0.734888	-1.36075	2.53735	3.39215	1.18834	1
cg03234188	SPHK1;SPHK1;SPHK1;SPHK1	0.102192	0.0268937	0.569645	-1.75548	0.227638	0.761928	-1.31246	0.0233778	0.558998	-1.78892	0.693998	0.91861	-1.0886	0.128178	0.70252	-1.42345	0.643043	1.10539	1.10539	0.0217691	0.553639	-1.80623	0.702573	0.920932	-1.08586	0.276515	0.784267	-1.27508	2.53734	1.85233	0.648912	1
cg03394401	DLL1	0.102192	0.121068	0.480088	-2.08295	0.0338112	0.339002	-2.94983	0.0165604	0.278686	-3.58827	0.421069	1.43158	1.43158	0.0535532	0.384041	-2.60389	0.286032	0.616537	-1.62196	0.798669	1.11803	1.11803	0.239969	0.584461	-1.71098	0.458059	0.719042	-1.39074	2.53734	7.65681	2.68236	1
cg15714321	DYRK1A	0.102196	0.791197	0.956669	-1.04529	0.545714	0.902957	-1.10747	0.419319	1.1477	1.1477	0.0675402	1.40765	1.40765	0.897515	0.978717	-1.02175	0.022606	1.57739	1.57739	0.0283945	1.54018	1.54018	0.472673	0.885202	-1.12969	0.342569	0.849385	-1.17732	2.5373	1.11993	0.392344	1
cg14099528	USP9X;USP9X	0.102196	0.0258212	0.755422	-1.32376	0.640847	0.951427	-1.05105	0.339109	1.11007	1.11007	0.942006	1.00774	1.00774	0.0318349	1.30553	1.30553	0.651204	0.952914	-1.04941	0.536904	0.935883	-1.06851	0.0635676	0.801672	-1.24739	0.50083	0.930147	-1.0751	2.5373	0.45132	0.15811	1
cg17111895	SLC22A4	0.102197	0.987958	1.00251	1.00251	0.183081	1.26413	1.26413	0.755313	1.05324	1.05324	0.298949	0.836427	-1.19556	0.96537	1.00723	1.00723	0.318066	0.842634	-1.18675	0.00354046	0.518977	-1.92687	0.525484	0.898755	-1.11265	0.737348	1.05743	1.05743	2.53729	1.10618	0.38753	1
cg09888721	ETS2	0.102201	0.0938388	0.685049	-1.45975	0.691319	0.921328	-1.08539	0.402386	0.838662	-1.19237	0.168805	0.740062	-1.35124	0.279422	0.793842	-1.2597	0.0250202	1.72881	1.72881	0.0658245	0.654558	-1.52775	0.127949	0.71328	-1.40197	0.956324	1.01131	1.01131	2.53724	1.69385	0.593416	1
cg24184684	EFCAB5;EFCAB5;EFCAB5	0.102202	0.745279	1.07098	1.07098	0.268214	0.784589	-1.27455	0.0507769	0.62616	-1.59704	0.860974	0.963796	-1.03756	0.0114108	0.513731	-1.94654	0.334774	0.811192	-1.23275	0.214764	1.31616	1.31616	0.857613	1.0385	1.0385	0.0900948	0.675062	-1.48135	2.53723	1.77816	0.622959	1
cg11558102	BBS2	0.102203	0.0317175	0.511948	-1.95332	0.10309	1.6066	1.6066	0.267466	1.35956	1.35956	0.735347	0.91374	-1.0944	0.320412	1.31388	1.31388	0.868431	1.04507	1.04507	0.032891	0.51504	-1.9416	0.478659	0.825709	-1.21108	0.452304	1.2258	1.2258	2.53722	2.84097	0.995303	1
cg25750469	TTLL1;TTLL1;TTLL1	0.102204	0.791862	0.973037	-1.02771	0.349245	1.10471	1.10471	0.137111	1.17997	1.17997	0.627705	1.0518	1.0518	0.043984	0.78725	-1.27024	0.76339	1.03169	1.03169	0.0118774	0.72286	-1.38339	0.812808	1.02482	1.02482	0.600054	1.0562	1.0562	2.53721	0.429173	0.150357	1
cg13613346	EHMT2;EHMT2	0.102204	0.360631	1.47113	1.47113	0.0262246	0.338535	-2.9539	0.195149	0.569588	-1.75565	0.364459	1.46637	1.46637	0.0252106	0.335116	-2.98404	0.765752	0.884504	-1.13058	0.104993	0.483028	-2.07027	0.325308	0.658894	-1.51769	0.157629	0.537597	-1.86013	2.53721	6.77987	2.37527	1
cg27457191	PHTF2;PHTF2	0.102205	0.9042	1.04486	1.04486	0.0318898	2.50066	2.50066	0.830299	0.924754	-1.08137	0.0832952	2.01133	2.01133	0.0603974	2.1638	2.1638	0.886026	1.05366	1.05366	0.106549	0.526077	-1.90086	0.089403	1.97906	1.97906	0.216289	1.60682	1.60682	2.5372	5.3383	1.87023	1
cg18649133	FAM172A;FAM172A;FAM172A;FAM172A	0.102208	0.0974633	0.240001	-4.16666	0.0261423	0.126077	-7.93168	0.141813	0.289509	-3.45413	0.693972	0.733203	-1.36388	0.0222936	0.11656	-8.57926	0.0622307	0.192572	-5.19287	0.0678673	0.200902	-4.97755	0.774482	0.798167	-1.25287	0.0887842	0.229201	-4.36297	2.53717	24.7463	8.6698	1
cg24497732	GLI3	0.10221	0.0740781	0.324528	-3.0814	0.0653042	0.310428	-3.22136	0.42851	0.633196	-1.57929	0.312877	0.554232	-1.8043	0.0994566	0.360263	-2.77575	0.426677	0.631998	-1.58228	0.00402997	0.112591	-8.88174	0.518508	0.690693	-1.44782	0.322224	0.560945	-1.7827	2.53715	12.8438	4.49983	1
cg00446087	HTRA3	0.10221	0.139877	1.34992	1.34992	0.555093	1.11936	1.11936	0.457379	0.866791	-1.15368	0.922192	1.01863	1.01863	0.00834765	1.89024	1.89024	0.269417	1.24265	1.24265	0.22123	1.27493	1.27493	0.0663769	1.47539	1.47539	0.305967	0.818553	-1.22167	2.53714	1.43374	0.502311	1
cg05839762	HLA-A	0.102211	0.0398742	0.0459454	-21.765	0.353263	0.289827	-3.45033	0.543894	0.450883	-2.21787	0.581863	0.486198	-2.05678	0.00479642	0.00780206	-128.171	0.184002	0.160828	-6.21782	?	?	?	0.243372	0.205399	-4.86858	0.448403	0.367236	-2.72305	2.56462	60.702	23.669	1
cg08659394	B3GNT9	0.102211	?	?	?	?	?	?	0.0851053	0.0794349	-12.5889	0.0449785	0.045981	-21.7481	0.07125	0.0682238	-14.6576	0.034813	0.0368428	-27.1423	?	?	?	0.254625	0.20841	-4.79823	0.179859	0.152131	-6.57327	2.7976	49.6032	20.6857	1
cg24693879	TDRD12	0.102212	0.757282	0.948054	-1.05479	0.487238	0.88563	-1.12914	0.0756538	0.711581	-1.40532	0.838195	1.03581	1.03581	0.903288	1.02114	1.02114	0.478565	1.13198	1.13198	0.00468711	1.90944	1.90944	0.724957	1.06267	1.06267	0.7016	0.935899	-1.06849	2.53713	1.18982	0.416856	1
cg14674856	LTC4S	0.102212	0.743712	0.877304	-1.13986	0.0105186	3.61278	3.61278	0.540883	1.28017	1.28017	0.500893	1.31337	1.31337	0.110901	0.500063	-1.99975	0.415681	0.717526	-1.39368	0.152863	0.542882	-1.84202	0.183143	1.75695	1.75695	0.853314	0.928811	-1.07665	2.53713	6.39729	2.24131	1
cg26803002	C15orf2	0.102213	0.347947	0.598337	-1.6713	0.0291483	0.255044	-3.9209	0.50639	1.43092	1.43092	0.746623	1.18803	1.18803	0.461121	0.671142	-1.49	0.451184	0.664977	-1.50381	0.438032	1.52262	1.52262	0.385676	0.623339	-1.60426	0.00750817	0.16061	-6.22626	2.53712	11.3504	3.97665	1
cg16531348	AGPAT3;AGPAT3	0.102214	0.601787	0.890101	-1.12347	0.325782	0.799034	-1.25151	0.72235	1.08209	1.08209	0.242109	0.762835	-1.3109	0.0273965	0.561567	-1.78073	0.127209	1.44012	1.44012	0.197424	1.35159	1.35159	0.0340579	0.578692	-1.72804	0.968752	0.991376	-1.0087	2.5371	1.96469	0.688341	1
cg16842291	B3GNTL1	0.102219	0.103392	0.685283	-1.45925	0.0354811	0.594865	-1.68105	0.156994	0.725326	-1.37869	0.818427	0.952384	-1.05	0.0833267	1.50188	1.50188	0.667896	1.0959	1.0959	0.0926671	1.48078	1.48078	0.46333	1.17161	1.17161	0.948713	1.01374	1.01374	2.53705	1.80871	0.633705	1
cg10080250	PDCD7	0.10222	0.182094	1.44458	1.44458	0.452117	0.819592	-1.22012	0.00859357	2.38799	2.38799	0.833703	1.05612	1.05612	0.129097	1.53101	1.53101	0.974719	0.991804	-1.00826	0.45514	0.820722	-1.21844	0.925708	1.02452	1.02452	0.0459482	1.81141	1.81141	2.53704	2.71026	0.949577	1
cg19082416	DIP2C	0.102222	0.0490795	0.301948	-3.31183	0.313754	0.573876	-1.74254	0.0803262	0.355565	-2.81243	0.22722	0.508786	-1.96546	0.00905468	0.170647	-5.86006	0.0393813	0.280724	-3.56222	0.441685	0.658252	-1.51917	0.15254	0.441852	-2.2632	0.924938	0.95101	-1.05151	2.53701	11.4161	3.99983	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10503232	KCNQ1DN	0.102223	0.488752	1.40581	1.40581	0.137367	2.17046	2.17046	0.408605	1.50581	1.50581	0.0384308	3.19509	3.19509	0.435557	0.680268	-1.47001	0.070669	2.65984	2.65984	0.0793243	2.56852	2.56852	0.0219691	3.78454	3.78454	0.0832609	2.53109	2.53109	2.53701	9.42439	3.30202	1
cg17545002	SLC7A1	0.102224	0.384271	0.845841	-1.18226	0.0221709	1.67308	1.67308	0.0505947	1.51905	1.51905	0.13784	1.3497	1.3497	0.612465	0.908583	-1.10061	0.222999	0.786383	-1.27164	0.181645	1.30487	1.30487	0.15876	1.3267	1.3267	0.589825	1.10754	1.10754	2.53699	1.41522	0.49585	1
cg04573935	RGS9;RGS9;RGS9	0.102225	0.869006	0.972288	-1.0285	0.794954	1.04534	1.04534	0.107455	1.34869	1.34869	0.0170735	1.64061	1.64061	0.738692	0.944592	-1.05866	0.452911	1.13904	1.13904	0.192162	0.790528	-1.26498	0.385405	1.16359	1.16359	0.023505	1.58513	1.58513	2.53699	1.16481	0.408118	1
cg01428953	THBS3;MTX1;MTX1	0.102226	0.0477729	0.381356	-2.62222	0.252916	0.601328	-1.66299	0.542049	0.768832	-1.30067	0.518312	1.32171	1.32171	0.0188073	0.297513	-3.36119	0.357711	0.668404	-1.4961	0.060481	0.405911	-2.46359	0.0270784	0.328053	-3.04829	0.416482	0.702081	-1.42434	2.53698	7.2892	2.55394	1
cg12561474	NGFR	0.102227	0.268737	1.45261	1.45261	0.856079	1.06061	1.06061	0.506713	1.24403	1.24403	0.493022	1.25315	1.25315	0.477053	1.26408	1.26408	0.0593584	1.99354	1.99354	0.00456873	3.40094	3.40094	0.0789787	1.8818	1.8818	0.0898296	1.83324	1.83324	2.53696	4.22137	1.47906	1
cg01278975	MDGA1	0.10223	0.334012	0.507617	-1.96999	0.0128902	8.1741	8.1741	0.500018	1.5934	1.5934	0.241722	0.43438	-2.30213	0.126637	3.07824	3.07824	0.274037	2.16953	2.16953	0.832751	1.15477	1.15477	0.438946	0.584397	-1.71117	0.0743749	3.86831	3.86831	2.53693	18.6048	6.51875	1
cg06442865	WFIKKN2	0.102232	0.614266	1.6831	1.6831	0.00751559	33.936	33.936	0.167017	4.52328	4.52328	0.491089	2.04731	2.04731	0.0607084	0.114603	-8.7258	0.416882	2.33967	2.33967	0.727638	0.698936	-1.43075	0.907956	1.1258	1.1258	0.648963	0.625309	-1.59921	2.53691	42.1706	14.7758	1
cg22792063	ABHD4	0.102232	?	?	?	0.00961381	1.89433	1.89433	0.307992	1.22834	1.22834	0.0818387	0.686724	-1.45619	0.985819	1.00347	1.00347	0.516252	0.879607	-1.13687	0.75645	0.941167	-1.06251	0.648725	1.0935	1.0935	0.224828	1.28208	1.28208	2.56439	1.37136	0.534771	1
cg06392451	MRPL33;MRPL33	0.102235	0.25011	1.4596	1.4596	0.0523564	2.00224	2.00224	0.00953755	2.80959	2.80959	0.190451	0.646451	-1.54691	0.576616	0.837375	-1.19421	0.326602	1.3753	1.3753	0.853033	1.06009	1.06009	0.683771	0.879099	-1.13753	0.296251	1.40604	1.40604	2.53688	3.97788	1.39379	1
cg13721404	NOL4	0.102236	0.0130914	0.540612	-1.84976	0.47184	1.1575	1.1575	0.45743	1.16327	1.16327	0.0367891	0.615835	-1.62381	0.133154	0.723403	-1.38235	0.431592	1.174	1.174	0.946095	0.986578	-1.0136	0.962926	0.990753	-1.00933	0.467155	1.15936	1.15936	2.53686	1.60476	0.562289	1
cg18725425	RPS10	0.102239	0.261148	1.23922	1.23922	0.0339911	0.635745	-1.57296	0.359224	0.841529	-1.18831	0.295348	1.21971	1.21971	0.232483	1.25754	1.25754	0.67569	0.925886	-1.08005	0.0332883	0.634232	-1.57671	0.748601	0.942849	-1.06062	0.195462	1.28478	1.28478	2.53683	1.34581	0.471563	1
cg23454082	RTN4;RTN4;RTN4;RTN4	0.102242	0.101505	3.11773	3.11773	0.571333	0.695713	-1.43737	0.927613	1.05932	1.05932	0.216189	2.28287	2.28287	0.100602	3.12892	3.12892	0.248666	2.14853	2.14853	0.00853983	8.40035	8.40035	0.0904627	3.26453	3.26453	0.0836386	3.368	3.368	2.53681	16.1609	5.66273	1
cg17787366	HIP1	0.102243	0.0758519	0.698207	-1.43224	0.596377	0.907389	-1.10206	0.0284449	0.624878	-1.60031	0.670478	0.92513	-1.08093	0.891369	1.02516	1.02516	0.824647	1.04117	1.04117	0.00638103	0.524462	-1.90671	0.614246	0.911735	-1.09681	0.27866	0.814803	-1.22729	2.53679	1.32822	0.465408	1
cg27140938	PI4K2B	0.102244	0.277633	1.69201	1.69201	0.232483	1.79184	1.79184	0.367906	1.53852	1.53852	0.3407	1.57991	1.57991	0.946027	0.968955	-1.03204	0.00928589	0.214918	-4.65293	0.411806	1.47831	1.47831	0.118051	0.453592	-2.20463	0.681466	1.21197	1.21197	2.53678	8.71779	3.05472	1
cg16511841	C6orf167;MIR548H3	0.102244	0.485993	0.816854	-1.22421	0.0226972	2.18025	2.18025	0.273852	1.38457	1.38457	0.270034	0.720217	-1.38847	0.350667	0.759949	-1.31588	0.181936	1.49912	1.49912	0.0817098	0.576194	-1.73553	0.350366	1.31612	1.31612	0.228989	1.43441	1.43441	2.53678	3.28084	1.14961	1
cg25108841	PINK1	0.102246	0.297328	0.769455	-1.29962	0.271289	1.32022	1.32022	0.0206425	1.96621	1.96621	0.112065	0.657253	-1.52148	0.404585	0.813138	-1.2298	0.211955	0.726928	-1.37565	0.336863	1.27147	1.27147	0.135975	0.677253	-1.47655	0.576594	0.872121	-1.14663	2.53676	2.3638	0.828281	1
cg15265116	C4orf43	0.102247	0.174582	0.563287	-1.77529	0.049013	0.409309	-2.44314	0.0861251	0.470615	-2.12488	0.173396	0.562282	-1.77847	0.0129952	0.293726	-3.40453	0.0413257	0.392432	-2.54822	0.26818	0.632285	-1.58157	0.738378	0.875261	-1.14252	0.0659925	0.440515	-2.27007	2.53675	6.34706	2.22404	1
cg10010183	PTPRU;PTPRU;PTPRU	0.102248	0.116814	2.39377	2.39377	0.0834207	2.66899	2.66899	0.291943	1.75098	1.75098	0.172316	2.10473	2.10473	0.132503	2.29699	2.29699	0.10285	2.49487	2.49487	0.0102658	5.24507	5.24507	0.0520427	3.10269	3.10269	0.0571102	3.0123	3.0123	2.53674	10.544	3.69469	1
cg15358035	SLC25A13;SLC25A13;SLC25A13	0.102248	0.031593	0.703219	-1.42203	0.251916	0.846038	-1.18198	0.0976604	0.775806	-1.28898	0.0673665	0.751016	-1.33153	0.0118971	0.64499	-1.55041	0.294813	0.859184	-1.1639	0.162955	0.812177	-1.23126	0.055179	0.738109	-1.35481	0.228563	0.838178	-1.19306	2.53674	0.783959	0.274704	1
cg05197032	NDUFS4	0.102252	0.0295323	0.704263	-1.41992	0.0629715	0.751125	-1.33134	0.247245	1.18001	1.18001	0.139341	1.24317	1.24317	0.910639	1.01548	1.01548	0.307732	1.15541	1.15541	0.439899	0.897834	-1.11379	0.219809	1.19306	1.19306	0.334768	1.14579	1.14579	2.5367	0.752025	0.263519	1
cg00974415	TMEM63C	0.102256	0.00605635	0.339348	-2.94682	0.940285	1.02284	1.02284	0.439288	1.26847	1.26847	0.445022	0.790785	-1.26457	0.14831	0.626577	-1.59597	0.603474	1.17115	1.17115	0.673499	1.13629	1.13629	0.442904	1.266	1.266	0.102273	0.583269	-1.71447	2.53665	3.6517	1.27962	1
cg12250421	SULT2B1	0.102259	0.033956	0.371711	-2.69026	0.492867	0.756983	-1.32103	0.173469	0.560477	-1.7842	0.126934	0.516884	-1.93467	0.0149569	0.302366	-3.30725	0.227564	0.602676	-1.65927	0.0726581	0.449069	-2.22683	0.0281053	0.354584	-2.82021	0.48474	0.752889	-1.32822	2.53662	6.42033	2.24983	1
cg00560574	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.10226	0.995516	1.00077	1.00077	0.10853	1.26971	1.26971	0.116587	1.26186	1.26186	0.769734	0.960752	-1.04085	0.954538	1.00781	1.00781	0.0651224	0.753914	-1.32641	0.0249914	0.695025	-1.4388	0.831034	1.02958	1.02958	0.204451	1.20041	1.20041	2.53661	0.747507	0.261944	1
cg06200824	DDR1;DDR1;DDR1	0.102263	0.350744	1.31683	1.31683	0.564406	0.846234	-1.18171	0.57281	0.849342	-1.17738	0.0973041	1.68444	1.68444	0.0209569	0.451112	-2.21674	0.0845407	0.578827	-1.72763	0.222512	0.692556	-1.44393	0.197804	1.4771	1.4771	0.91787	1.03	1.03	2.53658	3.2991	1.1561	1
cg24161057	TSTD1;TSTD1;TSTD1	0.102264	0.0858006	9.16913	9.16913	0.0944691	8.54446	8.54446	0.30335	3.47018	3.47018	0.237997	4.23138	4.23138	0.0655328	11.1589	11.1589	0.105035	7.90275	7.90275	0.0272625	21.0952	21.0952	0.0182534	28.3281	28.3281	0.0763803	9.98195	9.98195	2.53657	54.7171	19.1745	1
cg01896926	GLOD4;GLOD4;RNMTL1	0.102264	0.20676	0.474335	-2.10821	0.00414607	0.116163	-8.60858	0.516445	0.691776	-1.44556	0.12323	0.392476	-2.54793	0.693482	0.80101	-1.24842	0.190183	0.459721	-2.17523	0.372937	0.59909	-1.6692	0.79563	1.15649	1.15649	0.0558052	0.297091	-3.36597	2.53657	12.6042	4.41691	1
cg26204079	DGKD	0.102265	0.615961	1.12	1.12	0.457771	1.18465	1.18465	0.213654	1.34104	1.34104	0.400759	1.21257	1.21257	0.888442	1.03195	1.03195	0.231178	1.32505	1.32505	0.00178175	2.70923	2.70923	0.571015	1.1369	1.1369	0.664023	1.1029	1.1029	2.53655	2.01748	0.70699	1
cg14689490	PTPRN2;PTPRN2;PTPRN2	0.102266	0.31513	0.883215	-1.13223	0.782881	1.03358	1.03358	0.365855	1.11748	1.11748	0.0974984	0.80461	-1.24284	0.806099	1.02984	1.02984	0.301319	1.1366	1.1366	0.00570706	1.54245	1.54245	0.71589	0.95724	-1.04467	0.864681	1.0206	1.0206	2.53654	0.574257	0.201239	1
cg17724054	RPS23	0.102269	0.312094	0.859353	-1.16367	0.130878	1.26674	1.26674	0.586639	1.08283	1.08283	0.892442	0.980581	-1.0198	0.0147458	0.647247	-1.545	0.0526777	0.726669	-1.37614	0.570926	0.92034	-1.08656	0.478488	0.900823	-1.1101	0.237701	1.19637	1.19637	2.53651	0.844087	0.295799	1
cg17804302	NKD1	0.10227	0.368823	0.912192	-1.09626	0.0318221	0.778395	-1.28469	0.100969	0.836227	-1.19585	0.994781	0.999349	-1.00065	0.433285	1.08287	1.08287	0.50663	0.935111	-1.06939	0.0166184	0.747345	-1.33807	0.289907	1.11558	1.11558	0.584019	1.0566	1.0566	2.53651	0.398286	0.139575	1
cg18029778	MLL5;MLL5;MLL5;MLL5;LOC100216545	0.102272	0.74346	0.930033	-1.07523	0.268705	1.28973	1.28973	0.461323	1.18015	1.18015	0.636924	1.11072	1.11072	0.284865	1.27808	1.27808	0.698102	1.08991	1.08991	0.00407479	0.426764	-2.34322	0.351675	0.809209	-1.23577	0.894212	0.971042	-1.02982	2.53648	1.95973	0.686771	1
cg09043569	PARN;PARN	0.102272	0.0217223	0.55932	-1.78788	0.73027	0.929615	-1.07571	0.027571	0.577256	-1.73233	0.474027	0.857658	-1.16597	0.0444834	0.614684	-1.62685	0.809875	1.05214	1.05214	0.559957	0.883113	-1.13236	0.11197	0.694201	-1.4405	0.0494692	0.623294	-1.60438	2.53648	1.78654	0.626077	1
cg02978959	ZNF460	0.102272	0.974163	0.995319	-1.0047	0.0797746	1.32533	1.32533	0.494553	1.10571	1.10571	0.374247	1.14125	1.14125	0.304216	1.16666	1.16666	0.90046	1.01829	1.01829	0.0229791	0.674344	-1.48292	0.0472994	1.38928	1.38928	0.313909	0.85995	-1.16286	2.53648	0.84308	0.295451	1
cg06197503	STAC	0.102273	0.0577448	0.618248	-1.61747	0.120285	0.685452	-1.45889	0.195591	0.73583	-1.35901	0.0762881	0.642751	-1.55581	0.0976062	0.665407	-1.50284	0.00811364	0.467835	-2.13751	0.389931	0.820825	-1.21829	0.0794909	0.646464	-1.54688	0.161959	0.715574	-1.39748	2.53647	2.01774	0.707104	1
cg22933154	CHURC1	0.102274	0.0418038	0.50861	-1.96614	0.0472548	1.92349	1.92349	0.584013	1.17272	1.17272	0.254333	0.709654	-1.40914	0.342925	0.754615	-1.32518	0.0849768	0.577616	-1.73125	0.746351	0.910721	-1.09803	0.567153	1.18137	1.18137	0.173554	1.51775	1.51775	2.53646	3.33553	1.16892	1
cg13217994	CTDP1;CTDP1	0.102281	0.339112	1.22527	1.22527	0.108411	0.696912	-1.4349	0.306729	1.24381	1.24381	0.0826757	0.672819	-1.48628	0.190441	1.33094	1.33094	0.120803	0.706872	-1.41468	0.109183	1.43357	1.43357	0.228549	0.770611	-1.29767	0.251548	0.781145	-1.28017	2.53639	1.70784	0.598521	1
cg13714540	IL20RA	0.102281	0.66861	1.13797	1.13797	0.612535	0.857881	-1.16566	0.926221	0.972584	-1.02819	0.439745	0.78938	-1.26682	0.036484	2.07426	2.07426	0.199918	1.50145	1.50145	0.0219713	2.28144	2.28144	0.221806	0.680167	-1.47023	0.207425	0.670986	-1.49035	2.53638	3.6188	1.26823	1
cg03005781	RER1	0.102282	0.14648	1.41848	1.41848	0.0110022	2.04516	2.04516	0.232586	1.32414	1.32414	0.975266	0.993071	-1.00698	0.743979	1.07627	1.07627	0.602483	0.888822	-1.12509	0.0202144	1.87414	1.87414	0.49157	0.85497	-1.16963	0.48344	1.1732	1.1732	2.53637	2.02081	0.708207	1
cg13927251	FLT4;FLT4	0.102284	0.257802	0.732735	-1.36475	0.492632	0.832346	-1.20142	0.238355	0.72236	-1.38435	0.924514	0.975352	-1.02527	0.519935	0.842175	-1.1874	0.354678	1.28499	1.28499	0.991515	1.0028	1.0028	0.00556335	2.60933	2.60933	0.241197	1.38139	1.38139	2.53635	2.78577	0.976299	1
cg08696815	C5orf28	0.102284	0.644328	0.935608	-1.06882	0.113775	1.27935	1.27935	0.0124135	1.56132	1.56132	0.293535	0.855557	-1.16883	0.475094	1.10959	1.10959	0.482001	0.902744	-1.10773	0.9776	1.00403	1.00403	0.130316	1.26357	1.26357	0.0652751	1.34485	1.34485	2.53635	0.823453	0.288587	1
cg10214350	KDM6B	0.102288	0.698185	1.07365	1.07365	0.259775	0.807034	-1.23911	0.595914	1.10253	1.10253	0.853331	1.03433	1.03433	0.0989326	1.39087	1.39087	0.534517	1.12156	1.12156	0.032025	0.632469	-1.58111	0.0745698	0.696096	-1.43658	0.059475	0.678443	-1.47396	2.53631	1.33602	0.468228	1
cg16587443	SMARCA5	0.102294	0.0193469	0.329736	-3.03273	0.924859	1.0377	1.0377	0.28517	1.54567	1.54567	0.256491	0.628386	-1.59138	0.117674	0.513488	-1.94747	0.0185166	0.326162	-3.06596	0.847543	0.927279	-1.07842	0.543094	1.27311	1.27311	0.814596	0.911972	-1.09653	2.53625	6.18081	2.16621	1
cg18268863	SPRYD5	0.102297	0.0223821	0.207378	-4.82212	0.0388302	0.252771	-3.95616	0.081112	0.328958	-3.0399	0.644859	0.7658	-1.30582	0.280448	0.524655	-1.90602	0.0671472	0.307395	-3.25315	0.0373459	0.249273	-4.01166	0.107667	0.364453	-2.74383	0.105446	0.361699	-2.76473	2.53621	13.277	4.65332	1
cg12679792	SMOC2;SMOC2	0.102303	0.0350911	0.628234	-1.59176	0.384052	1.18411	1.18411	0.127875	1.3657	1.3657	0.935189	0.984719	-1.01552	0.0227134	0.596692	-1.67591	0.45716	0.866436	-1.15415	0.15763	0.751197	-1.33121	0.286589	0.810971	-1.23309	0.31791	0.822452	-1.21588	2.53615	1.43996	0.504689	1
cg16000993	RPP21	0.102303	0.732022	1.06222	1.06222	0.0374384	1.52816	1.52816	0.987837	0.997327	-1.00268	0.175022	1.28827	1.28827	0.13196	0.751617	-1.33047	0.409233	0.862244	-1.15976	0.0296426	0.637877	-1.5677	0.275936	0.819529	-1.22021	0.654888	1.08221	1.08221	2.53614	1.2387	0.43415	1
cg09232440	BMP8A	0.102305	0.687124	0.665115	-1.5035	0.00912667	28.1001	28.1001	0.207409	3.81517	3.81517	0.0566604	8.7836	8.7836	0.596375	1.71316	1.71316	0.27707	3.12229	3.12229	0.366568	2.54534	2.54534	0.0369572	11.4757	11.4757	0.108053	5.84714	5.84714	2.53613	40.7453	14.2809	1
cg24328884	PRKACB;PRKACB;PRKACB	0.102305	0.546796	0.861769	-1.1604	0.195782	0.716219	-1.39622	0.0295528	0.535216	-1.8684	0.669284	0.900481	-1.11052	0.655595	0.896267	-1.11574	0.486356	1.18834	1.18834	0.0159294	2.05473	2.05473	0.925712	0.977504	-1.02301	0.258096	0.749838	-1.33362	2.53612	2.39071	0.837923	1
cg19901956	USP35	0.102306	0.922196	1.05129	1.05129	0.519513	1.39693	1.39693	0.177205	0.479856	-2.08396	0.150095	2.2031	2.2031	0.0311796	0.274007	-3.64954	0.440816	0.668691	-1.49546	0.1022	0.40024	-2.4985	0.0614298	2.9411	2.9411	0.737547	0.841826	-1.18789	2.53611	10.5277	3.68987	1
cg22014867	LIN7B	0.102308	0.755999	1.15658	1.15658	0.210303	1.85163	1.85163	0.364108	1.54533	1.54533	0.74952	1.16124	1.16124	0.387663	0.661523	-1.51166	0.392632	1.50485	1.50485	0.00414534	0.166352	-6.01134	0.91756	1.0495	1.0495	0.615556	0.789556	-1.26653	2.5361	8.74767	3.06601	1
cg20885089	AMPD2;AMPD2;AMPD2	0.10231	0.062916	0.712413	-1.40368	0.916019	1.01724	1.01724	0.978072	0.995555	-1.00446	0.406754	0.871493	-1.14746	0.423942	0.876031	-1.14151	0.0736627	0.723846	-1.38151	0.00851152	0.580298	-1.72325	0.536029	0.903425	-1.1069	0.210635	1.23835	1.23835	2.53607	1.05501	0.369781	1
cg14750948	ZIC1	0.102311	0.0502874	0.0963552	-10.3783	0.655324	1.60171	1.60171	0.319452	0.340024	-2.94097	0.31318	0.334953	-2.9855	0.0132712	0.0400524	-24.9673	0.397042	0.402816	-2.48253	0.928661	1.09844	1.09844	0.730141	0.695547	-1.43772	0.0177651	0.0486948	-20.5361	2.53606	44.1553	15.4764	1
cg14118398	PPAPDC3	0.102311	0.283522	0.823788	-1.21391	0.88766	0.975709	-1.0249	0.429745	0.86916	-1.15054	0.498193	0.887249	-1.12708	0.734594	1.06099	1.06099	0.057054	1.45438	1.45438	0.00974074	1.7661	1.7661	0.249733	0.811175	-1.23278	0.560617	1.10779	1.10779	2.53606	1.21567	0.426091	1
cg07548213	TBR1	0.102314	0.0503829	0.389529	-2.5672	0.418656	0.705152	-1.41813	0.896987	1.05628	1.05628	0.778943	0.887846	-1.12632	0.208457	0.570891	-1.75165	0.0888448	0.452319	-2.21083	0.0054594	0.213317	-4.68787	0.964464	1.01901	1.01901	0.156271	0.526705	-1.8986	2.53603	7.17739	2.5157	1
cg11834729	MIR488;ASTN1;ASTN1	0.102317	0.530844	1.15431	1.15431	0.0196141	0.519112	-1.92637	0.812556	0.947805	-1.05507	0.64589	0.900789	-1.11014	0.0288631	1.81624	1.81624	0.819118	1.05305	1.05305	0.737612	1.07885	1.07885	0.242907	0.757587	-1.31998	0.132893	0.690651	-1.44791	2.69605	2.12745	0.613744	1
cg12790324	BAI3	0.102317	0.362321	0.73828	-1.3545	0.102726	1.78351	1.78351	0.345028	1.37051	1.37051	0.986576	1.00547	1.00547	0.44334	1.28825	1.28825	0.332615	1.38251	1.38251	0.725061	0.891871	-1.12124	0.00659165	0.318783	-3.13693	0.743813	1.11213	1.11213	2.53599	4.21819	1.47851	1
cg25471021	MTA3	0.102319	0.858164	0.963402	-1.03799	0.514368	1.14777	1.14777	0.896021	1.02763	1.02763	0.0954057	1.46497	1.46497	0.141188	1.39071	1.39071	0.0982878	1.45926	1.45926	0.295557	0.797653	-1.25368	0.0162458	0.541927	-1.84527	0.919497	0.97915	-1.02129	2.53598	1.7448	0.611572	1
cg05066503	WDR27	0.102319	0.706458	1.13171	1.13171	0.0132979	2.72673	2.72673	0.0142182	2.68868	2.68868	0.779672	0.91237	-1.09605	0.110378	1.76643	1.76643	0.407937	1.31891	1.31891	0.0862841	1.85844	1.85844	0.243984	1.48977	1.48977	0.42235	1.30736	1.30736	2.53597	4.29508	1.50548	1
cg03669698	GAS2L1;GAS2L1;GAS2L1	0.102322	0.820057	0.86595	-1.1548	0.01708	0.159356	-6.27524	0.0174872	0.160871	-6.21616	0.428779	1.66577	1.66577	0.617185	0.727355	-1.37485	0.329723	0.529726	-1.88777	0.0727266	0.282326	-3.542	0.127374	0.352951	-2.83326	0.799505	0.851485	-1.17442	2.53595	16.0272	5.6178	1
cg11591525	RASGRP2;RASGRP2;RASGRP2	0.102322	0.335225	1.19659	1.19659	0.139879	1.33226	1.33226	0.241675	0.80145	-1.24774	0.339992	1.19435	1.19435	0.637166	1.08959	1.08959	0.0331105	1.56821	1.56821	0.00848124	1.83469	1.83469	0.661775	1.08275	1.08275	0.994112	0.998668	-1.00133	2.53594	1.31006	0.459198	1
cg15493780	PRLHR	0.102325	0.142257	1.44293	1.44293	0.0611285	1.63312	1.63312	0.0791676	1.57306	1.57306	0.980244	1.00577	1.00577	0.415727	1.21331	1.21331	0.0386797	1.74467	1.74467	0.0624542	0.614229	-1.62806	0.324788	1.26661	1.26661	0.928251	0.979284	-1.02115	2.53591	2.16985	0.760577	1
cg16782848	WHAMM	0.10233	0.722579	0.922715	-1.08376	0.947534	1.01496	1.01496	0.319967	1.26099	1.26099	0.265716	0.769739	-1.29914	0.00435374	0.423324	-2.36226	0.333055	0.798269	-1.25271	0.383078	0.817233	-1.22364	0.218192	1.33946	1.33946	0.910792	1.02561	1.02561	2.53586	2.04493	0.716804	1
cg18121565	RMND1	0.102331	0.324	1.38688	1.38688	0.0233456	2.38716	2.38716	0.0790519	1.87031	1.87031	0.578061	1.19771	1.19771	0.664717	1.15029	1.15029	0.480231	1.25912	1.25912	0.0102664	2.82559	2.82559	0.0444389	2.09836	2.09836	0.26891	1.44732	1.44732	2.53584	4.14057	1.45139	1
cg13450437	FIBCD1;FIBCD1	0.102332	0.0518828	0.513904	-1.94589	0.0437175	0.49772	-2.00916	0.0242691	0.445668	-2.24382	0.067072	0.539194	-1.85462	0.033028	0.472275	-2.11741	0.352292	0.74972	-1.33383	0.122385	0.604217	-1.65504	0.873606	0.95322	-1.04908	0.257223	0.700584	-1.42738	2.53584	3.63734	1.275	1
cg09539824	CSMD1	0.102332	0.581035	1.37682	1.37682	0.284292	0.528289	-1.8929	0.200336	2.17285	2.17285	0.19433	2.19835	2.19835	0.225679	0.481942	-2.07494	0.799291	1.15739	1.15739	0.00951659	0.151932	-6.58188	0.232265	0.487395	-2.05172	0.52756	1.44369	1.44369	2.53584	13.2181	4.63334	1
cg04787786	ROMO1;NFS1	0.102333	0.154149	1.12684	1.12684	0.475038	1.05851	1.05851	0.0510724	1.18997	1.18997	0.603065	1.04192	1.04192	0.131656	1.13586	1.13586	0.713504	0.971547	-1.02929	0.0335637	0.823371	-1.21452	0.430864	1.06496	1.06496	0.0716212	1.17054	1.17054	2.53583	0.246092	0.086263	1
cg01074657	GIPC2	0.102334	0.0353015	22.8044	22.8044	0.722072	1.57709	1.57709	0.769943	0.687927	-1.45364	0.40054	2.99717	2.99717	0.275509	0.235257	-4.25068	0.760976	0.677605	-1.47579	0.117733	0.114512	-8.7327	0.0318602	24.741	24.741	0.120666	8.5597	8.5597	2.53582	65.3495	22.9072	1
cg22853140	AANAT;AANAT	0.102335	0.181266	0.471822	-2.11944	0.0164157	0.211799	-4.72145	0.00719301	0.159421	-6.27272	0.251498	0.530433	-1.88525	0.177373	0.468255	-2.13559	0.11664	0.405646	-2.4652	0.510411	0.702332	-1.42383	0.301814	0.567698	-1.7615	0.49455	0.692727	-1.44357	2.5358	11.2496	3.94339	1
cg14014890	PQLC3	0.102335	0.0590795	0.709679	-1.40909	0.0561291	0.706054	-1.41632	0.0196068	0.635262	-1.57415	0.456386	0.885105	-1.12981	0.247288	0.823133	-1.21487	0.445453	0.882367	-1.13331	0.0427822	0.687156	-1.45527	0.521051	0.900631	-1.11033	0.026509	0.654957	-1.52682	2.5358	1.03971	0.364455	1
cg23087635	INPP5A	0.102337	0.527956	0.879108	-1.13752	0.013824	1.8461	1.8461	0.0170498	1.79691	1.79691	0.249737	1.27428	1.27428	0.556635	0.887096	-1.12727	0.232243	1.28716	1.28716	0.743295	0.935926	-1.06846	0.996688	1.00084	1.00084	0.291802	1.24658	1.24658	2.53578	1.63065	0.571605	1
cg26522389	ATP6V0E1	0.102338	0.0377395	0.689258	-1.45084	0.285897	1.18667	1.18667	0.882055	0.977334	-1.02319	0.425842	0.88199	-1.1338	0.616082	1.0812	1.0812	0.900132	1.01958	1.01958	0.681226	1.06586	1.06586	0.018924	0.644723	-1.55105	0.0447763	0.700658	-1.42723	2.53577	0.957749	0.335729	1
cg07133479	IMMT;IMMT;IMMT	0.102339	0.0960005	0.463819	-2.15601	0.0704251	2.33917	2.33917	0.490469	1.34227	1.34227	0.92036	1.04292	1.04292	0.064122	0.417138	-2.39729	0.67229	0.836265	-1.19579	0.0558485	0.402351	-2.48539	0.645054	1.21523	1.21523	0.0951791	0.462765	-2.16092	2.53576	7.093	2.48639	1
cg26422832	MKRN1;MKRN1	0.102341	0.0570728	0.500266	-1.99894	0.483517	1.25745	1.25745	0.258957	1.46068	1.46068	0.0280088	0.433843	-2.30498	0.525802	0.813166	-1.22976	0.163994	0.620154	-1.6125	0.138877	0.59899	-1.66948	0.247013	0.677448	-1.47613	0.050126	0.487459	-2.05145	2.53574	4.1566	1.45707	1
cg19118797	TLCD2;TLCD2	0.102343	0.610528	0.833672	-1.19951	0.256766	1.52075	1.52075	0.275192	1.49489	1.49489	0.787421	1.10046	1.10046	0.429385	0.751491	-1.33069	0.559932	1.23216	1.23216	0.00929042	3.21825	3.21825	0.0764824	0.497627	-2.00954	0.228775	1.56412	1.56412	2.53572	5.03719	1.76577	1
cg02472646	PWWP2B;PWWP2B	0.102346	0.777764	0.952269	-1.05012	0.0119061	0.58128	-1.72034	0.696752	0.934548	-1.07004	0.0877665	0.722008	-1.38503	0.0866025	0.720963	-1.38703	0.607905	1.09357	1.09357	0.0912192	1.37924	1.37924	0.787435	0.95436	-1.04782	0.912633	0.981208	-1.01915	2.53568	1.19979	0.420589	1
cg01008004	C12orf47;MAPKAPK5;MAPKAPK5	0.102347	0.227616	1.19942	1.19942	0.0831662	1.31706	1.31706	0.568883	0.920657	-1.08618	0.0405454	0.712066	-1.40436	0.389349	1.13502	1.13502	0.0318085	0.696792	-1.43515	0.936228	0.988577	-1.01156	0.361313	0.873954	-1.14423	0.597446	1.07952	1.07952	2.53567	0.827817	0.290194	1
cg15816742	SNAR-B1;SNAR-B2;SNAR-D	0.102348	0.261798	0.542065	-1.8448	0.721923	1.20564	1.20564	0.493956	0.695225	-1.43838	0.96093	0.97469	-1.02597	0.00570457	0.150009	-6.66628	0.188095	2.07489	2.07489	0.237396	0.523219	-1.91125	0.674612	1.24728	1.24728	0.129781	0.424658	-2.35484	2.53566	10.9982	3.85548	1
cg02377544	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.10235	0.283764	0.627584	-1.59341	0.015594	0.289219	-3.45759	0.0187165	0.303609	-3.29371	0.893467	1.05765	1.05765	0.268347	0.617351	-1.61982	0.352219	0.669985	-1.49257	0.0291579	0.341162	-2.93116	0.272816	0.620348	-1.612	0.88093	0.93922	-1.06471	2.53564	7.02846	2.46388	1
cg08884979	SCG3;SCG3	0.102351	0.838638	1.06739	1.06739	0.0234456	0.420661	-2.37721	0.0371365	0.461158	-2.16845	0.605935	0.846661	-1.18111	0.132534	0.595007	-1.68065	0.329581	1.37966	1.37966	0.203336	1.53649	1.53649	0.139515	0.601327	-1.66299	0.967973	1.01293	1.01293	2.53563	4.10873	1.44036	1
cg15598650	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.102355	0.217462	0.600858	-1.66429	0.0359271	0.383623	-2.60673	0.0302086	0.367691	-2.71967	0.950713	0.976024	-1.02456	0.195925	0.58455	-1.71072	0.300085	1.52438	1.52438	0.0952967	2.05343	2.05343	0.975241	0.98789	-1.01226	0.908122	1.04637	1.04637	2.53559	6.18957	2.16984	1
cg08568670	PFKFB4	0.10236	0.376145	0.789328	-1.2669	0.00258664	0.336999	-2.96737	0.808774	0.938799	-1.06519	0.236778	0.724065	-1.38109	0.461536	0.82263	-1.21561	0.624267	1.13722	1.13722	0.702592	1.10509	1.10509	0.171336	0.684301	-1.46134	0.527958	0.846575	-1.18123	2.53553	2.72454	0.955149	1
cg20684097	DERL1;DERL1	0.102362	0.85058	0.970867	-1.03001	0.413296	1.14011	1.14011	0.218329	0.816279	-1.22507	0.0632988	0.720771	-1.3874	0.0675783	0.725387	-1.37857	0.519188	1.10788	1.10788	0.179247	1.25066	1.25066	0.994522	1.00108	1.00108	0.0369822	1.46196	1.46196	2.53551	0.987023	0.346026	1
cg01107903	TBCD	0.102363	0.0817856	0.683427	-1.46321	0.105644	0.705496	-1.41744	0.0230627	0.584897	-1.7097	0.058592	0.655955	-1.52449	0.320116	0.816481	-1.22477	0.0375957	0.621228	-1.60971	0.735894	1.06909	1.06909	0.666334	0.917949	-1.08938	0.0588041	0.656246	-1.52382	2.53551	1.56407	0.548325	1
cg04392320	LMX1B	0.102364	0.0266588	5.11705	5.11705	0.0285979	4.97924	4.97924	0.964697	1.02789	1.02789	0.909337	0.931645	-1.07337	0.426671	0.603819	-1.65612	0.158942	2.54923	2.54923	0.648601	0.751887	-1.32999	0.0331044	4.7045	4.7045	0.591898	1.39984	1.39984	2.53549	15.5136	5.43872	1
cg05838113	ADAM8;ADAM8;ADAM8	0.102366	0.0393195	0.524831	-1.90538	0.123817	0.637212	-1.56934	0.00680908	0.387525	-2.58048	0.755083	0.918872	-1.08829	0.14985	0.658729	-1.51807	0.785197	1.07667	1.07667	0.0929078	0.606618	-1.64848	0.729511	0.910416	-1.0984	0.549019	0.848791	-1.17815	2.53547	2.93572	1.02921	1
cg05200040	LINS1;ASB7;LINS1;ASB7;LINS1;ASB7;LINS1;ASB7	0.102367	0.974849	1.0041	1.0041	0.982646	0.997181	-1.00283	0.850614	0.975829	-1.02477	0.0974134	0.789747	-1.26623	0.0921792	1.27195	1.27195	0.671801	0.946197	-1.05686	0.00579501	0.625592	-1.59849	0.704851	0.951814	-1.05062	0.393024	0.892659	-1.12025	2.53546	0.676283	0.237093	1
cg15659924	KIAA0664	0.102369	0.281078	1.2561	1.2561	0.0258894	0.583738	-1.7131	0.129607	0.716586	-1.39551	0.297997	1.24554	1.24554	0.351255	1.21561	1.21561	0.08849	0.68217	-1.46591	0.496216	0.868827	-1.15098	0.154642	1.3635	1.3635	0.720812	1.07577	1.07577	2.53544	1.66327	0.58312	1
cg16000331	SREBF2	0.102369	0.0752566	1.36213	1.36213	0.0827774	0.740996	-1.34954	0.0592179	1.39423	1.39423	0.47778	0.893493	-1.1192	0.86494	0.973787	-1.02692	0.118571	0.767687	-1.30261	0.862711	0.973355	-1.02737	0.09866	1.32651	1.32651	0.431556	1.13344	1.13344	2.53544	0.977637	0.342746	1
cg00777537	CHPT1	0.102371	0.623566	0.955648	-1.04641	0.732924	0.969076	-1.03191	0.189451	0.880318	-1.13595	0.0792147	0.836351	-1.19567	0.755897	1.02901	1.02901	0.0166047	0.764696	-1.30771	0.0203826	0.773866	-1.29221	0.0601979	0.823331	-1.21458	0.233305	0.891719	-1.12143	2.53542	0.337715	0.118399	1
cg21210496	SDK2	0.102371	0.0197839	2.00453	2.00453	0.427857	0.818708	-1.22144	0.105938	1.54707	1.54707	0.796098	0.938016	-1.06608	0.0639559	1.6728	1.6728	0.269563	1.32858	1.32858	0.850552	0.95446	-1.04771	0.10312	0.643666	-1.5536	0.792202	1.06742	1.06742	2.53542	2.45195	0.859625	1
cg06687040	ATRIP;ATRIP	0.102372	0.0300525	2.327	2.327	0.254843	0.67469	-1.48216	0.152847	1.65989	1.65989	0.114442	1.76521	1.76521	0.191383	0.632653	-1.58065	0.631025	1.17371	1.17371	0.0624862	2.00158	2.00158	0.277588	1.45314	1.45314	0.51156	0.802229	-1.24653	2.53541	4.3991	1.54228	1
cg04825263	C20orf177;C20orf177;PPP1R3D	0.102372	0.20607	1.53576	1.53576	0.809422	0.925225	-1.08082	0.680405	0.875266	-1.14251	0.825321	1.07369	1.07369	0.0073105	0.328735	-3.04196	?	?	?	0.129506	0.590452	-1.69362	0.945309	1.02231	1.02231	0.137591	0.597889	-1.67255	2.56284	3.73296	1.45657	1
cg06419270	E2F2	0.102373	0.439554	0.842916	-1.18636	0.00503079	2.23518	2.23518	0.239497	1.30605	1.30605	0.866301	0.964132	-1.0372	0.579952	1.12883	1.12883	0.932808	0.981886	-1.01845	0.117488	0.691733	-1.44564	0.730795	0.927864	-1.07774	0.630055	0.900142	-1.11094	2.5354	1.88691	0.661533	1
cg23545793	BAIAP2L1	0.102376	0.210242	1.58432	1.58432	0.132655	1.76032	1.76032	0.0336059	0.421037	-2.37509	0.543767	1.23884	1.23884	0.146189	1.72231	1.72231	0.720332	0.882237	-1.13348	0.0890547	0.520177	-1.92242	0.146551	1.72135	1.72135	0.838247	0.93124	-1.07384	2.53536	4.87747	1.71002	1
cg05665768	GATS;GATS;GATS;GATS	0.102377	0.146529	0.854146	-1.17076	0.0980982	1.20148	1.20148	0.0401462	1.27112	1.27112	0.804214	0.975186	-1.02545	0.322795	0.901841	-1.10884	0.913674	0.98909	-1.01103	0.207072	0.874065	-1.14408	0.605783	0.948696	-1.05408	0.0510901	1.25201	1.25201	2.53535	0.410936	0.144073	1
cg11297046	HRC	0.102378	0.500813	0.832376	-1.20138	0.10065	0.617035	-1.62065	0.179621	0.682024	-1.46622	0.0805926	0.594331	-1.68256	0.647634	1.13151	1.13151	0.396061	0.791871	-1.26283	0.0236301	2.06588	2.06588	0.30171	1.33281	1.33281	0.31514	0.756627	-1.32165	2.53534	2.89478	1.01491	1
cg07592361	ANKMY1;ANKMY1	0.10238	0.979798	0.96999	-1.03094	0.0561606	13.5011	13.5011	0.11558	7.83422	7.83422	0.108228	8.23765	8.23765	0.618982	1.82811	1.82811	0.993592	1.00971	1.00971	0.0161498	34.5216	34.5216	0.0204457	28.8333	28.8333	0.288382	3.76719	3.76719	2.53532	58.1466	20.3864	1
cg04737114	DLX5	0.102382	0.992007	1.00604	1.00604	0.0211143	0.188917	-5.29332	0.748444	0.824192	-1.21331	0.126126	0.369917	-2.70331	0.980123	1.01508	1.01508	0.74567	0.822362	-1.21601	0.121574	0.364732	-2.74174	0.027585	4.78535	4.78535	0.649647	0.759713	-1.31629	2.5353	14.5	5.08376	1
cg19874095	EML2	0.102383	0.966322	0.994011	-1.00602	0.0571764	0.73629	-1.35816	0.615622	0.930513	-1.07468	0.48205	0.90334	-1.107	0.340854	0.869669	-1.14986	0.121951	1.26935	1.26935	0.0462055	1.38397	1.38397	0.544327	0.9164	-1.09123	0.0475396	0.72438	-1.38049	2.53528	0.812726	0.284948	1
cg16723180	HCCA2	0.102384	0.127674	0.630606	-1.58578	0.0169019	2.26085	2.26085	0.91646	0.971056	-1.02981	0.112488	0.61651	-1.62203	0.374706	0.774874	-1.29053	0.413954	0.791531	-1.26337	0.144493	1.55082	1.55082	0.413633	0.791398	-1.26359	0.401289	0.786247	-1.27186	2.53528	3.14648	1.10318	1
cg24704476	AGRN	0.102389	0.638	0.840192	-1.1902	0.817253	1.08877	1.08877	0.639042	1.18955	1.18955	0.758874	1.11977	1.11977	0.209881	0.615366	-1.62505	0.613991	0.829552	-1.20547	0.00331578	0.230059	-4.34671	0.0872671	0.499721	-2.00112	0.412208	0.734875	-1.36078	2.53523	5.42054	1.90052	1
cg02806352	PXT1;KCTD20;KCTD20	0.10239	0.415618	0.696123	-1.43653	0.0827975	2.3078	2.3078	0.0329039	2.96316	2.96316	0.959391	0.978077	-1.02241	0.557735	0.772521	-1.29446	0.245762	0.589491	-1.69638	0.0344101	0.341599	-2.92741	0.453208	0.717018	-1.39466	0.510235	0.747682	-1.33747	2.53522	7.60988	2.66815	1
cg04962756	RELA;RELA	0.10239	0.208585	0.372111	-2.68737	0.0914118	0.250018	-3.99972	0.103675	0.265258	-3.76991	0.149842	0.316213	-3.16243	0.0241305	0.134617	-7.42851	0.0189398	0.120127	-8.32454	0.037501	0.1653	-6.04961	0.333784	0.475487	-2.10311	0.139032	0.304999	-3.2787	2.53521	22.3288	7.82885	1
cg06872331	STEAP3;STEAP3;STEAP3	0.102391	0.0153567	0.34566	-2.89302	0.116797	0.544222	-1.83749	0.446968	1.31885	1.31885	0.857126	1.06646	1.06646	0.113711	0.540923	-1.84869	0.440857	1.32398	1.32398	0.318421	1.44512	1.44512	0.0895458	0.512554	-1.95101	0.299128	0.68097	-1.46849	2.5352	5.11884	1.79476	1
cg20871904	YTHDC1;YTHDC1	0.102391	0.961134	1.00806	1.00806	0.377729	1.16082	1.16082	0.939466	0.987564	-1.01259	0.569081	1.09946	1.09946	0.371295	1.16329	1.16329	0.757183	0.950184	-1.05243	0.0030707	0.512798	-1.95009	0.278338	0.830497	-1.2041	0.937365	1.01303	1.01303	2.5352	1.09004	0.382188	1
cg15481603	SCG3;SCG3	0.102393	0.809813	0.917652	-1.08974	0.56049	1.23343	1.23343	0.444995	1.31985	1.31985	0.99438	1.00251	1.00251	0.00636029	0.28198	-3.54635	0.401278	0.736236	-1.35826	0.0818539	1.98823	1.98823	0.315774	1.44729	1.44729	0.715662	1.13927	1.13927	2.53518	5.1008	1.78845	1
cg03337886	IRS2	0.102395	0.285158	0.595812	-1.67838	0.982188	0.989641	-1.01047	0.377973	1.52493	1.52493	0.725161	0.848193	-1.17898	0.765615	1.14965	1.14965	0.235681	0.560077	-1.78547	0.618461	0.791205	-1.2639	0.00781441	4.91673	4.91673	0.0666139	2.61007	2.61007	2.53516	8.736	3.06305	1
cg09951433	CUX1;CUX1;CUX1	0.102396	0.0607689	0.588286	-1.69985	0.0637106	1.68735	1.68735	0.539172	0.855528	-1.16887	0.649466	1.1217	1.1217	0.335463	0.779362	-1.2831	0.165208	0.689682	-1.44994	0.0313606	1.88466	1.88466	0.694102	1.10429	1.10429	0.658332	1.11817	1.11817	2.53515	2.52913	0.886776	1
cg11911927	C19orf20	0.102397	0.269134	1.38681	1.38681	0.133711	1.58342	1.58342	0.0836566	0.580423	-1.72288	0.147097	0.642684	-1.55597	0.298011	0.735992	-1.35871	0.804911	1.07285	1.07285	0.0490285	0.528062	-1.89372	0.169633	0.659882	-1.51542	0.214329	1.44986	1.44986	2.53514	3.24169	1.13663	1
cg06300223	CACNA2D3	0.102399	0.414371	0.872079	-1.14669	0.186571	0.794781	-1.25821	0.760068	1.05153	1.05153	0.411789	1.14759	1.14759	0.190256	0.796476	-1.25553	0.0612052	1.41347	1.41347	0.0119189	1.67328	1.67328	0.898852	0.979355	-1.02108	0.955182	1.00926	1.00926	2.53512	1.08049	0.378851	1
cg03482458	CN5H6.4;GTSE1	0.102399	0.043796	0.454588	-2.19979	0.122441	1.7673	1.7673	0.960503	1.01699	1.01699	0.216893	1.55585	1.55585	0.189923	0.623556	-1.6037	0.766641	0.903709	-1.10655	0.0721339	1.97949	1.97949	0.0828967	1.92182	1.92182	0.526754	1.24382	1.24382	2.53511	4.64698	1.62937	1
cg08772106	CPNE7;CPNE7	0.102404	0.00751706	0.361775	-2.76415	0.831954	1.06482	1.06482	0.438401	1.26314	1.26314	0.161277	1.55606	1.55606	0.164406	0.645037	-1.5503	0.131191	0.617762	-1.61875	0.406681	0.778121	-1.28515	0.396885	0.773834	-1.29227	0.448682	0.795973	-1.25632	2.53506	3.5071	1.22972	1
cg06461942	WDR33	0.102407	0.231058	0.707059	-1.41431	0.764415	1.08647	1.08647	0.551912	0.846993	-1.18065	0.326117	1.3228	1.3228	0.00937539	0.402929	-2.48182	0.712543	1.10751	1.10751	0.082786	0.588564	-1.69905	0.609343	1.15282	1.15282	0.0763158	0.580356	-1.72308	2.53503	3.05672	1.07182	1
cg18959139	TBL2	0.102415	0.656307	1.06518	1.06518	0.320024	1.15589	1.15589	0.027518	1.44414	1.44414	0.343087	1.14764	1.14764	0.861958	1.02484	1.02484	0.166571	0.812253	-1.23114	0.0818693	0.761986	-1.31236	0.837894	1.0293	1.0293	0.0437829	1.38644	1.38644	2.53494	0.798019	0.279829	1
cg05097820	SMOC2;SMOC2	0.102417	0.436196	1.25849	1.25849	0.32987	1.33849	1.33849	0.0786149	0.563843	-1.77354	0.822289	1.06708	1.06708	0.323954	0.744235	-1.34366	0.57391	1.17845	1.17845	0.00955777	2.67447	2.67447	0.206461	1.47354	1.47354	0.520428	0.828309	-1.20728	2.69483	3.47876	1.00403	1
cg22887467	KCND2	0.102418	0.121253	0.452648	-2.20922	0.558039	1.32244	1.32244	0.745761	1.16589	1.16589	0.242666	1.78042	1.78042	0.00767414	0.198588	-5.03554	0.885916	1.07008	1.07008	0.678415	1.21739	1.21739	0.885426	1.07039	1.07039	0.0893571	0.413235	-2.41993	2.53491	8.93607	3.13351	1
cg16030751	ZMYM2;ZMYM2	0.102419	0.0849933	1.63075	1.63075	0.0887715	0.617526	-1.61936	0.393035	1.2519	1.2519	0.413857	1.23923	1.23923	0.89727	1.03372	1.03372	0.0550688	0.572068	-1.74805	0.0469556	1.79304	1.79304	0.407883	1.2428	1.2428	0.576319	0.865066	-1.15598	2.5349	2.64692	0.928167	1
cg06343233	FMNL2	0.10242	0.749936	1.20543	1.20543	0.15385	2.44016	2.44016	0.0570756	3.51792	3.51792	0.0335915	4.26456	4.26456	0.189377	0.443841	-2.25306	0.188503	2.25711	2.25711	0.432105	1.59751	1.59751	0.0251423	4.74038	4.74038	0.280346	1.92641	1.92641	2.53489	13.7054	4.80596	1
cg23070585	SLC39A7;SLC39A7;RXRB	0.102425	0.0432957	0.765668	-1.30605	0.254942	1.14629	1.14629	0.862819	0.98033	-1.02006	0.0301672	1.34022	1.34022	0.728064	1.04091	1.04091	0.368863	0.899411	-1.11184	0.0679775	0.790724	-1.26466	0.81711	0.973741	-1.02697	0.303645	0.88481	-1.13019	2.53484	0.529717	0.185755	1
cg16768320	TUBD1	0.102426	0.433701	1.21448	1.21448	0.96528	1.01064	1.01064	0.0175541	0.495108	-2.01976	0.957598	1.01302	1.01302	0.00850288	0.441774	-2.2636	0.813374	1.05921	1.05921	0.650347	1.11739	1.11739	0.75437	0.926495	-1.07934	0.966202	1.01036	1.01036	2.53483	2.37537	0.832973	1
cg13782884	FAM46B;FAM46B	0.102427	0.731406	1.09277	1.09277	?	?	?	0.218491	1.39548	1.39548	0.837779	1.0542	1.0542	0.289103	0.753282	-1.32752	0.416945	1.23811	1.23811	0.00596705	0.396335	-2.52312	0.572205	1.15829	1.15829	0.538204	1.17405	1.17405	2.56224	2.39109	0.933202	1
cg14082963	PIGY;PIGY	0.10243	0.0407882	0.550929	-1.81512	0.243976	1.36033	1.36033	0.425564	0.814317	-1.22802	0.411866	0.809114	-1.23592	0.430446	0.81615	-1.22526	0.173951	0.694096	-1.44072	0.0201112	0.492721	-2.02955	0.168528	1.44831	1.44831	0.724993	1.09326	1.09326	2.53478	2.55836	0.897157	1
cg05462426	ARHGEF16	0.102432	0.393343	0.702763	-1.42295	0.0094699	3.76727	3.76727	0.659071	1.19616	1.19616	0.832209	0.917969	-1.08936	0.0770344	0.452411	-2.21038	0.878547	1.06363	1.06363	0.186974	0.568775	-1.75817	0.376126	0.693214	-1.44256	0.298096	0.647182	-1.54516	2.53476	6.53342	2.29114	1
cg20101015	CUGBP1;CUGBP1;CUGBP1	0.102433	0.0424306	0.298471	-3.35041	0.173161	0.472417	-2.11677	0.874159	0.921271	-1.08546	0.353966	0.610551	-1.63786	0.00440556	0.139915	-7.1472	0.241098	0.529995	-1.88681	0.0955458	0.387775	-2.57882	0.605683	0.763818	-1.30921	0.327098	0.5925	-1.68776	2.53475	10.7455	3.76822	1
cg18913254	ANXA7;ANXA7	0.102433	0.085632	0.593894	-1.6838	0.0190901	2.17713	2.17713	0.319151	1.32625	1.32625	0.160024	0.662526	-1.50937	0.612385	1.15042	1.15042	0.178536	0.675711	-1.47992	0.835168	1.05881	1.05881	0.786092	1.07746	1.07746	0.181491	1.47553	1.47553	2.53475	3.0195	1.05888	1
cg12795225	GPN1;CCDC121;GPN1;CCDC121;GPN1;GPN1;CCDC121;GPN1	0.102435	0.938027	0.95443	-1.04775	0.22143	2.16175	2.16175	0.249106	0.485509	-2.05969	0.610641	1.3607	1.3607	0.651796	0.761489	-1.31322	0.581259	1.39674	1.39674	0.418448	1.64201	1.64201	0.00495369	0.107326	-9.31744	0.341204	1.8009	1.8009	2.53473	14.443	5.06493	1
cg06195280	XAF1;XAF1	0.102436	0.0119892	0.387618	-2.57986	0.181554	1.53547	1.53547	0.87188	0.952369	-1.05001	0.274089	0.708841	-1.41075	0.0699119	0.541824	-1.84562	0.145855	0.623672	-1.60341	0.131469	0.611178	-1.63618	0.232968	0.685111	-1.45962	0.188448	0.65615	-1.52404	2.53472	3.67048	1.28718	1
cg20314331	PTPN18;PTPN18	0.102436	0.0397017	0.693496	-1.44197	0.162916	0.795155	-1.25762	0.0501438	0.709148	-1.41014	0.260623	0.834799	-1.19789	0.517377	0.903922	-1.10629	0.97215	1.00539	1.00539	0.0286771	0.672201	-1.48765	0.02464	0.662443	-1.50956	0.102408	0.759527	-1.31661	2.53472	0.950767	0.333421	1
cg25112641	AQP2	0.102437	0.161752	0.49732	-2.01078	0.0120504	0.231363	-4.32221	0.0132524	0.238092	-4.20007	0.453936	0.700029	-1.42851	0.0636633	0.377292	-2.65047	0.914086	0.950798	-1.05175	0.188049	0.52093	-1.91964	0.519879	0.737139	-1.3566	0.441807	0.693042	-1.44291	2.53471	8.7741	3.07696	1
cg21331335	KCNV2	0.102439	0.81243	1.04828	1.04828	0.846457	1.0392	1.0392	0.809058	0.953115	-1.04919	0.01521	0.553572	-1.80645	0.203295	0.766154	-1.30522	0.536793	0.883324	-1.13209	0.0234958	1.71039	1.71039	0.275848	0.798637	-1.25213	0.979495	1.00511	1.00511	2.53469	1.57946	0.553901	1
cg07530925	LIPM	0.102439	0.089573	0.344874	-2.89961	0.00905334	0.151551	-6.59845	0.0299899	0.234075	-4.27214	0.302411	0.544628	-1.83611	0.0987375	0.357111	-2.80025	0.111456	0.373027	-2.68077	0.152524	0.418276	-2.39077	0.5755	0.724849	-1.3796	0.876534	0.915364	-1.09246	2.53468	12.9872	4.5545	1
cg16986298	TRNP1	0.10244	0.111584	0.263267	-3.79843	0.212724	2.74753	2.74753	0.558519	1.57718	1.57718	0.845237	0.860275	-1.16242	0.229001	0.378254	-2.64373	0.836191	0.852615	-1.17286	0.565075	1.56502	1.56502	0.0150313	9.992	9.992	0.0670819	4.85778	4.85778	2.53468	23.8083	8.34935	1
cg00459289	ACTR3B;ACTR3B	0.102441	0.192897	1.56851	1.56851	0.158224	0.610934	-1.63684	0.0705451	1.93514	1.93514	0.450691	0.777986	-1.28537	0.0476974	0.477278	-2.09521	0.180395	0.628355	-1.59146	0.107787	1.77403	1.77403	0.592807	0.838343	-1.19283	0.939556	1.02508	1.02508	2.53467	4.28344	1.50217	1
cg15030636	CNST;CNST	0.102441	0.989327	1.00206	1.00206	0.517413	1.10635	1.10635	0.361537	0.865508	-1.15539	0.668849	0.935885	-1.06851	0.67462	1.06718	1.06718	0.315485	0.852287	-1.17331	0.00373317	1.82775	1.82775	0.464569	1.12145	1.12145	0.194694	1.23523	1.23523	2.53467	0.95201	0.333863	1
cg16890879	ARX	0.102441	0.00847014	0.0209277	-47.7835	0.859137	1.22674	1.22674	0.944089	1.08403	1.08403	0.892506	1.16829	1.16829	0.599611	1.83931	1.83931	0.0646294	0.0918332	-10.8893	0.111693	0.136296	-7.33696	0.966924	1.04886	1.04886	0.0695563	0.0967962	-10.331	2.53467	53.1282	18.6316	1
cg24211478	ATG5	0.102442	0.610655	1.38027	1.38027	0.132078	2.77359	2.77359	0.00363862	0.0846501	-11.8133	0.947682	0.959649	-1.04205	0.987397	0.990135	-1.00996	0.482052	1.56592	1.56592	0.950254	0.961597	-1.03994	0.738427	1.23411	1.23411	0.599828	1.39413	1.39413	2.53466	15.8141	5.5459	1
cg09696486	A2BP1;A2BP1;A2BP1	0.102446	0.0620177	0.147879	-6.76228	0.52396	0.555743	-1.79939	0.0812966	0.172422	-5.79971	0.539917	1.75851	1.75851	0.0202617	0.0783798	-12.7584	0.898651	0.890556	-1.12289	0.123019	0.218743	-4.57158	0.107685	0.202526	-4.93763	0.038911	0.113636	-8.8	2.53461	33.2152	11.6486	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07248242	TSPAN9;TSPAN9	0.102447	0.214781	1.44243	1.44243	0.40612	0.787879	-1.26923	0.657374	0.882301	-1.1334	0.296299	0.738024	-1.35497	0.0584408	0.548922	-1.82175	0.870077	1.04699	1.04699	0.127128	1.58853	1.58853	0.0184946	2.22868	2.22868	0.776324	0.923204	-1.08318	2.5346	3.15885	1.10781	1
cg16308128	SHKBP1	0.102448	0.34562	0.839743	-1.19084	0.142055	1.32822	1.32822	0.12483	1.3482	1.3482	0.0746374	0.699708	-1.42917	0.25725	0.808473	-1.2369	0.138466	0.750659	-1.33216	0.143402	1.32676	1.32676	0.353185	1.18742	1.18742	0.189353	1.28403	1.28403	2.53459	1.29798	0.455206	1
cg15079326	RBM15	0.102449	0.265895	1.67134	1.67134	0.353644	1.52498	1.52498	0.0617988	2.56886	2.56886	0.241774	1.72151	1.72151	0.219333	1.77375	1.77375	0.0707838	0.404783	-2.47046	0.125239	0.477314	-2.09506	0.274341	1.65501	1.65501	0.0805872	2.37995	2.37995	2.69444	8.09684	2.33724	1
cg26635845	C20orf20	0.102451	0.821156	0.970023	-1.0309	0.146405	1.23313	1.23313	0.472396	0.906424	-1.10324	0.944013	1.00949	1.00949	0.147532	1.23231	1.23231	0.552745	1.08407	1.08407	0.00535692	0.610788	-1.63723	0.957653	1.00716	1.00716	0.818799	1.03133	1.03133	2.53456	0.725305	0.25437	1
cg15014549	SLC47A1	0.102451	0.486026	1.16488	1.16488	0.0481278	1.62745	1.62745	0.493021	1.16196	1.16196	0.2911	1.26644	1.26644	0.434807	1.18745	1.18745	0.392193	0.827783	-1.20805	0.683873	0.915516	-1.09228	0.257185	1.29042	1.29042	0.00511781	2.21996	2.21996	2.53455	1.86611	0.65446	1
cg13470504	LOC285780	0.102452	0.188033	0.522873	-1.91251	0.0381782	3.05505	3.05505	0.229845	0.556759	-1.79611	0.152683	0.49067	-2.03803	0.285337	0.597014	-1.675	0.376206	0.655658	-1.52518	0.0250345	0.289609	-3.45294	0.166117	0.50338	-1.98657	0.608316	0.786418	-1.27159	2.53455	8.67301	3.0417	1
cg14461291	TMEM44;TMEM44;TMEM44;TMEM44	0.102452	0.842279	0.936656	-1.06763	0.0094092	2.9486	2.9486	0.87049	0.947815	-1.05506	0.58396	0.833893	-1.19919	0.0306989	0.434396	-2.30205	0.361167	0.73467	-1.36115	0.335009	0.72139	-1.38621	0.992839	1.00295	1.00295	0.983662	1.00675	1.00675	2.53454	4.33104	1.51894	1
cg05212664	REC8;REC8	0.102453	0.731757	0.926337	-1.07952	0.0615065	1.59745	1.59745	0.952403	1.01336	1.01336	0.110581	1.47203	1.47203	0.282777	0.780215	-1.2817	0.751276	1.07327	1.07327	0.023799	1.82197	1.82197	0.0467057	1.65936	1.65936	0.121438	1.45265	1.45265	2.53454	1.985	0.696159	1
cg18737941	PACRG;PACRG;PACRG	0.102455	0.70575	1.16243	1.16243	0.309977	0.659101	-1.51722	0.342919	0.678606	-1.47361	0.209676	1.68983	1.68983	0.855266	0.93011	-1.07514	0.498138	1.31376	1.31376	0.00530192	4.2979	4.2979	0.118877	1.95751	1.95751	0.400194	1.40736	1.40736	2.53452	6.32037	2.21664	1
cg13085470	GFER	0.102462	0.0342127	0.707967	-1.4125	0.424612	1.12072	1.12072	0.707633	1.05407	1.05407	0.450933	0.898202	-1.11334	0.774522	1.04096	1.04096	0.377288	1.13499	1.13499	0.0112525	0.641576	-1.55866	0.780276	1.03986	1.03986	0.306439	1.15951	1.15951	2.53444	0.784186	0.275032	1
cg07937271	NKX3-2	0.102464	0.0756528	0.461405	-2.16729	0.0136256	0.303086	-3.29939	0.735645	0.875858	-1.14174	0.659683	1.18927	1.18927	0.0979656	0.49161	-2.03413	0.858918	0.932771	-1.07207	0.0248143	0.351693	-2.84339	0.658268	1.19019	1.19019	0.53821	0.783661	-1.27606	2.53441	6.14147	2.15398	1
cg10810819	SH3BP4	0.102468	0.0822066	0.63518	-1.57436	0.044904	0.581263	-1.72039	0.0462766	0.58383	-1.71283	0.0871788	1.56076	1.56076	0.149893	0.694988	-1.43887	0.491439	0.848134	-1.17906	0.150162	0.695178	-1.43848	0.956891	0.987339	-1.01282	0.253318	0.754872	-1.32473	2.53438	2.23003	0.782143	1
cg22968401	PIPOX;PIPOX	0.102469	0.0717877	0.278465	-3.59111	0.207443	0.429358	-2.32906	0.813274	0.860284	-1.16241	0.13051	0.353948	-2.82528	0.0192327	0.165096	-6.05708	0.190114	0.413722	-2.41708	0.0157215	0.152178	-6.57124	0.0984106	0.315774	-3.16682	0.127473	0.350567	-2.85252	2.53437	16.2362	5.6946	1
cg27544405	PRDM2;PRDM2;PRDM2;PRDM2	0.102472	0.112121	0.495527	-2.01805	0.520366	0.767625	-1.30272	0.0484874	0.400557	-2.49652	0.261173	0.621503	-1.609	0.0852678	0.461993	-2.16453	0.510358	0.762607	-1.31129	0.0207318	0.322961	-3.09635	0.122838	1.971	1.971	0.391478	0.700225	-1.42811	2.53433	6.61216	2.31914	1
cg17948565	MATK	0.102473	0.698455	1.09206	1.09206	0.343744	1.24688	1.24688	0.73341	1.08041	1.08041	0.0915296	1.52248	1.52248	0.0314303	0.565002	-1.7699	0.0727167	1.57291	1.57291	0.0447785	1.68391	1.68391	0.361606	1.23633	1.23633	0.333665	1.25305	1.25305	2.53432	2.05414	0.720471	1
cg19605250	RAD21L1;RAD21L1	0.102474	0.680031	1.06241	1.06241	0.829177	1.03205	1.03205	0.605703	1.07898	1.07898	0.999363	0.999883	-1.00012	0.266551	1.18411	1.18411	0.313655	1.16431	1.16431	0.00337104	0.558699	-1.78987	0.976985	0.995797	-1.00422	0.501029	1.10484	1.10484	2.53431	0.855429	0.300035	1
cg13614606	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.102479	0.137749	0.401985	-2.48766	0.126142	0.38924	-2.56911	0.674871	0.786194	-1.27195	0.967308	0.976902	-1.02364	0.0081208	0.144811	-6.90556	0.0241767	0.215972	-4.63024	0.488447	0.669447	-1.49377	0.25807	0.510226	-1.95992	0.0957204	0.352255	-2.83885	2.53426	13.0491	4.57698	1
cg09480289	PLXNA1	0.102481	0.0486694	1.85459	1.85459	0.24217	0.714789	-1.39901	0.64864	0.881762	-1.13409	0.0521923	1.83265	1.83265	0.0257584	2.06758	2.06758	0.452261	0.810544	-1.23374	0.768559	1.0843	1.0843	0.568044	1.1715	1.1715	0.38248	0.78218	-1.27848	2.53424	3.01984	1.05921	1
cg02131513	UBE2I;UBE2I;UBE2I;UBE2I	0.102481	0.30306	1.2057	1.2057	0.291331	0.825306	-1.21167	0.44637	0.872753	-1.1458	0.0319232	1.55401	1.55401	0.275772	1.21994	1.21994	0.952576	1.01048	1.01048	0.143323	0.758981	-1.31756	0.0242826	1.60135	1.60135	0.812109	1.04264	1.04264	2.53423	1.23412	0.432871	1
cg09341793	ASB2	0.102482	0.0171297	79.5995	79.5995	0.458711	3.11613	3.11613	0.050537	28.7021	28.7021	0.994399	0.989481	-1.01063	0.609854	0.460577	-2.17119	0.852844	1.32276	1.32276	0.424225	3.41931	3.41931	0.0156587	86.7625	86.7625	0.186468	8.24649	8.24649	2.53423	91.0827	31.9476	1
cg19258873	ZNF324B	0.102487	0.320506	0.860466	-1.16216	0.024562	0.675655	-1.48005	0.12654	0.78507	-1.27377	0.411294	0.884262	-1.13089	0.555022	0.916301	-1.09134	0.548271	0.914899	-1.09302	0.00427853	0.571491	-1.74981	0.666873	0.938567	-1.06545	0.330599	0.863312	-1.15833	2.53418	0.860307	0.301762	1
cg06746492	SCN7A	0.102488	0.0342757	0.461393	-2.16735	0.103911	0.572985	-1.74525	0.746129	0.903265	-1.10709	0.80511	1.0805	1.0805	0.594929	0.845289	-1.18303	0.145813	1.63082	1.63082	0.0140488	0.38687	-2.58485	0.989513	1.00412	1.00412	0.37034	0.749672	-1.33392	2.53416	3.93696	1.38094	1
cg16368059	KPNA3	0.102489	0.0579879	1.43372	1.43372	0.0133105	1.67463	1.67463	0.0953045	1.36084	1.36084	0.0905793	1.36817	1.36817	0.0541167	1.44411	1.44411	0.957173	1.00907	1.00907	0.966969	1.00699	1.00699	0.746022	0.94683	-1.05616	0.195629	1.25871	1.25871	2.53415	1.13435	0.39789	1
cg14519736	ANKRD28	0.102489	0.312565	1.65005	1.65005	0.0246358	3.60738	3.60738	0.0369322	3.19558	3.19558	0.587511	1.30028	1.30028	0.0723624	0.382385	-2.61517	0.582592	1.30488	1.30488	0.548783	1.33758	1.33758	0.124576	2.2193	2.2193	0.212854	1.87573	1.87573	2.53415	9.22501	3.2358	1
cg26839288	HNRNPA3P1	0.10249	0.336405	0.710014	-1.40842	0.052296	0.466441	-2.14389	0.00945643	0.321	-3.11526	0.142805	0.580299	-1.72325	0.0696898	0.496123	-2.01563	0.255999	0.663853	-1.50636	0.519306	1.25322	1.25322	0.111571	0.549471	-1.81993	0.272965	0.674207	-1.48322	2.53414	4.79145	1.68068	1
cg16693870	ATG2B	0.10249	0.35361	0.580329	-1.72316	0.236548	0.493061	-2.02814	0.0410744	0.260813	-3.83417	0.691906	1.25494	1.25494	0.0488852	0.277395	-3.60496	0.86613	0.908285	-1.10098	0.00701708	0.137035	-7.29741	0.643479	0.766638	-1.3044	0.852939	0.899604	-1.1116	2.53414	13.0469	4.57641	1
cg02358434	SPNS1;LAT;SPNS1;LAT;LAT;LAT;SPNS1;SPNS1;SPNS1	0.102492	0.0344905	0.351298	-2.84659	0.0442383	0.375134	-2.66572	0.64799	0.822824	-1.21533	0.0815843	0.440919	-2.26799	0.0895924	0.452037	-2.21221	0.0547774	0.396857	-2.5198	0.041399	0.368633	-2.71272	0.065082	0.415315	-2.40781	0.179263	0.545945	-1.83169	2.53412	7.22371	2.53385	1
cg00481159	AMDHD1	0.102498	0.197907	1.40797	1.40797	0.294128	1.31467	1.31467	0.0940915	0.629524	-1.5885	0.236401	0.732037	-1.36605	0.269136	1.33555	1.33555	0.0419842	0.554762	-1.80257	0.164985	1.45121	1.45121	0.160123	1.45836	1.45836	0.757601	0.925118	-1.08094	2.53406	2.53691	0.889888	1
cg08042799	MPV17L;MPV17L	0.102498	0.159432	0.701196	-1.42613	0.599669	0.882464	-1.13319	0.439832	1.20441	1.20441	0.270193	0.762579	-1.31134	0.235698	0.745738	-1.34095	0.214372	0.734469	-1.36153	0.0100661	2.1528	2.1528	0.325025	0.786682	-1.27116	0.427216	0.825818	-1.21092	2.53405	2.23688	0.784646	1
cg15646011	SOHLH2	0.102499	0.276522	0.721141	-1.38669	0.997139	1.00104	1.00104	0.682741	0.888076	-1.12603	0.579302	0.850651	-1.17557	0.00307259	0.31016	-3.22414	0.0934389	0.58688	-1.70393	0.958921	0.985233	-1.01499	0.418352	0.787526	-1.2698	0.43662	1.25762	1.25762	2.53404	3.34824	1.17449	1
cg14601709	ANKS1A	0.1025	0.774532	0.928001	-1.07758	0.169618	1.46322	1.46322	0.392897	1.25572	1.25572	0.555164	1.16798	1.16798	0.0160312	0.464443	-2.15312	0.273117	1.34546	1.34546	0.0568673	1.7519	1.7519	0.339266	1.29209	1.29209	0.189117	1.43611	1.43611	2.53403	2.71655	0.952915	1
cg18117347	SHANK1	0.102501	0.260276	0.689594	-1.45013	0.952838	0.981454	-1.0189	0.326672	0.725782	-1.37782	0.634591	1.16363	1.16363	0.740863	0.900286	-1.11076	0.921547	0.969302	-1.03167	0.00228734	0.259307	-3.85644	0.234128	0.673832	-1.48405	0.333215	0.729114	-1.37153	2.53402	4.0205	1.41032	1
cg24112713	NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2	0.102501	0.0702225	1.40777	1.40777	0.379667	0.858736	-1.1645	0.660301	0.927987	-1.0776	0.694964	1.06886	1.06886	0.364554	0.854321	-1.17052	0.452619	1.13803	1.13803	0.00580076	1.84167	1.84167	0.83915	1.03494	1.03494	0.255175	1.22232	1.22232	2.53402	1.14606	0.402018	1
cg13148263	ASB11;ASB11;ASB11	0.102503	0.0407799	0.22578	-4.4291	0.0348891	0.212389	-4.70834	0.0503247	0.245147	-4.07918	0.29136	0.501605	-1.9936	0.0692635	0.277827	-3.59936	0.122508	0.348345	-2.87072	0.024677	0.185319	-5.39611	0.893104	0.918768	-1.08841	0.324329	0.526553	-1.89914	2.534	15.9364	5.59025	1
cg24743155	FARS2	0.102506	0.718718	0.854307	-1.17054	0.926664	1.04089	1.04089	0.584369	0.78624	-1.27188	0.935376	0.965311	-1.03594	0.00648738	0.214275	-4.6669	0.855212	0.923558	-1.08277	0.955968	1.02433	1.02433	0.0362207	2.88712	2.88712	0.365618	0.667186	-1.49883	2.53396	7.60662	2.66833	1
cg19867816	WASF2;WASF2	0.102507	0.245704	0.717771	-1.3932	0.502834	1.20409	1.20409	0.108515	1.61308	1.61308	0.313132	0.752055	-1.32969	0.393419	0.787597	-1.26968	0.0874287	0.597294	-1.67422	0.0395512	1.91594	1.91594	0.717325	1.1044	1.1044	0.0985027	1.64027	1.64027	2.53396	2.99368	1.05016	1
cg17192679	TMSB15B;TMSB15B;MIR1256	0.102507	0.0539714	0.321682	-3.10866	0.991027	0.994186	-1.00585	0.0727169	2.82364	2.82364	0.0204472	4.25574	4.25574	0.806531	0.880544	-1.13566	0.261525	0.54495	-1.83503	0.722876	0.831432	-1.20274	0.324725	0.590219	-1.69429	0.761166	1.17123	1.17123	2.53396	10.7877	3.78423	1
cg23464271	KIAA1409;COX8C	0.10251	0.402881	0.791308	-1.26373	0.020132	0.464646	-2.15217	0.446627	0.80888	-1.23628	0.270293	0.730625	-1.36869	0.0181427	0.456353	-2.19129	0.601406	0.865788	-1.15502	0.0221849	0.472493	-2.11644	0.753761	0.917555	-1.08985	0.0974099	0.608146	-1.64434	2.53392	3.00041	1.05253	1
cg14814999	SUV420H1;SUV420H1	0.102511	0.901919	1.01938	1.01938	0.90713	0.981996	-1.01833	0.930583	0.986528	-1.01366	0.137197	0.779406	-1.28303	0.198993	0.80954	-1.23527	0.623445	1.08008	1.08008	0.00372203	0.543358	-1.84041	0.851785	0.971302	-1.02955	0.335838	1.16707	1.16707	2.53392	0.972604	0.341186	1
cg02302582	DKK1	0.102517	0.875263	1.04304	1.04304	0.599502	1.15274	1.15274	0.867869	1.04568	1.04568	0.945522	1.0185	1.0185	0.597167	1.1538	1.1538	0.154936	1.5043	1.5043	0.00404244	0.35499	-2.81698	0.586567	1.1587	1.1587	0.297874	1.33573	1.33573	2.53385	2.88767	1.01301	1
cg22101924	ANKRD34C	0.102518	0.16637	0.765707	-1.30598	0.656874	0.922304	-1.08424	0.0113832	1.7737	1.7737	0.144241	0.752949	-1.32811	0.89163	1.02497	1.02497	0.99598	0.999089	-1.00091	0.187508	0.776711	-1.28748	0.975439	1.00558	1.00558	0.109614	0.729396	-1.371	2.53384	1.31325	0.460698	1
cg03615913	PTPRS;PTPRS;PTPRS;PTPRS	0.102522	0.750995	0.842072	-1.18755	0.493126	1.45616	1.45616	0.503835	0.693318	-1.44234	0.652575	1.27721	1.27721	0.379056	0.614314	-1.62783	0.413631	1.57027	1.57027	0.838521	0.89568	-1.11647	0.00254646	0.10428	-9.58961	0.659923	0.78735	-1.27008	2.53379	11.6987	4.10407	1
cg27413462	CALCA;CALCA;CALCA	0.102522	0.598207	1.38824	1.38824	0.830394	1.14147	1.14147	0.414632	1.67262	1.67262	0.742327	0.815859	-1.2257	0.267866	0.490686	-2.03796	0.423935	0.604252	-1.65494	0.0600928	0.27029	-3.69973	0.00779661	8.22448	8.22448	0.995757	0.996725	-1.00329	2.53379	15.2698	5.35686	1
cg15857889	ARHGEF10	0.102531	0.788644	0.947322	-1.05561	0.0725657	1.49707	1.49707	0.528586	0.879336	-1.13722	0.0136174	0.540777	-1.84919	0.79379	0.948606	-1.05418	0.325517	0.815077	-1.22688	0.0675085	1.51071	1.51071	0.593843	0.897258	-1.11451	0.880612	1.03073	1.03073	2.5337	1.62787	0.571099	1
cg18084215	PHAX	0.102531	0.0941769	0.483486	-2.06831	0.137527	1.88068	1.88068	0.635786	0.828273	-1.20733	0.0364021	0.382674	-2.61319	0.159662	0.552427	-1.81019	0.0745005	0.456244	-2.19181	0.0550815	0.423603	-2.3607	0.133514	0.527737	-1.89488	0.683727	0.850647	-1.17558	2.5337	6.25881	2.19576	1
cg23586589	GSTO1	0.102531	0.611076	0.830601	-1.20395	0.279496	0.665714	-1.50215	0.0941416	0.513735	-1.94653	0.458527	0.760961	-1.31413	0.093682	0.513162	-1.9487	0.265585	0.657138	-1.52175	0.151748	1.74331	1.74331	0.591371	1.21669	1.21669	0.0277928	2.56294	2.56294	2.5337	5.25583	1.84389	1
cg02540781	ZDHHC11;ZDHHC11	0.102531	0.0956355	0.34414	-2.9058	0.501674	0.67208	-1.48792	0.611692	0.742049	-1.34762	0.282286	0.521469	-1.91766	0.0246965	0.210434	-4.75209	0.19163	0.446829	-2.23799	0.0086431	0.142143	-7.03517	0.099364	0.349009	-2.86526	0.106044	0.357472	-2.79742	2.53369	13.6273	4.78083	1
cg04284063	LMNB1	0.102533	0.0211565	0.107375	-9.31319	0.233676	0.365988	-2.73233	0.396791	0.497317	-2.01079	0.605868	0.657697	-1.52046	0.0240515	0.114583	-8.72733	0.0658421	0.189837	-5.26767	0.0403282	0.14856	-6.73129	0.729905	0.756533	-1.32182	0.0691373	0.194543	-5.14025	2.53368	26.0057	9.12357	1
cg18564075	MED13L	0.102533	0.535222	0.794624	-1.25846	0.523593	1.26699	1.26699	0.222005	0.625069	-1.59982	0.289639	1.49538	1.49538	0.0886783	0.502818	-1.98879	0.803267	0.912668	-1.09569	0.0177775	0.348159	-2.87225	0.188193	1.66612	1.66612	0.0875485	0.501338	-1.99466	2.53368	5.37837	1.88689	1
cg06491249	IGSF11;IGSF11	0.102534	0.543876	0.774125	-1.29178	0.00564035	4.5444	4.5444	0.679166	1.18925	1.18925	0.948641	0.973512	-1.02721	0.512489	0.758185	-1.31894	0.251575	1.64737	1.64737	0.128592	0.504342	-1.98278	0.215387	1.7219	1.7219	0.8019	1.11045	1.11045	2.53366	6.96908	2.44497	1
cg14891617	PTPRN2;PTPRN2;PTPRN2	0.102536	0.203908	0.701238	-1.42605	0.120284	1.56212	1.56212	0.127496	1.54681	1.54681	0.764153	0.923446	-1.0829	0.246011	1.37869	1.37869	0.0866292	1.65029	1.65029	0.0222662	2.06502	2.06502	0.546701	1.1752	1.1752	0.234939	0.719279	-1.39028	2.53365	2.81121	0.986267	1
cg12274113	KIF26B	0.102538	0.658969	0.822645	-1.21559	0.962641	0.979621	-1.0208	0.792644	0.890648	-1.12278	0.241586	1.71395	1.71395	0.0721314	0.41384	-2.41639	0.818985	0.90415	-1.10601	0.0402671	2.83361	2.83361	0.61682	0.801118	-1.24826	0.0191516	3.47663	3.47663	2.53363	7.75319	2.7201	1
cg10233639	PLK4	0.102539	0.527231	0.852063	-1.17362	0.0371411	0.546218	-1.83077	0.0932713	0.630397	-1.5863	0.0261944	0.517271	-1.93322	0.028593	0.524407	-1.90691	0.557808	1.15967	1.15967	0.212793	0.720408	-1.3881	0.163511	0.6896	-1.45011	0.148672	0.679007	-1.47274	2.53362	2.50627	0.879296	1
cg13721589	SREBF1;SREBF1	0.10254	0.114644	3.20958	3.20958	0.0468978	4.69314	4.69314	0.628472	1.39291	1.39291	0.111687	3.24601	3.24601	0.105773	0.300934	-3.32299	0.97968	0.982839	-1.01746	0.153079	0.353489	-2.82894	0.0936968	3.50032	3.50032	0.375327	1.85597	1.85597	2.53361	18.5358	6.50307	1
cg00231239	DTX1	0.10254	0.312985	1.53223	1.53223	0.182408	1.78357	1.78357	0.00997593	3.78258	3.78258	0.100775	2.08539	2.08539	0.0957426	0.473234	-2.11312	0.69675	1.17367	1.17367	0.155623	1.86122	1.86122	0.608504	1.23521	1.23521	0.386321	1.4378	1.4378	2.5336	6.70865	2.35366	1
cg18631798	ACOX3;ACOX3	0.102542	0.60118	0.664149	-1.50569	0.0039041	0.0490604	-20.383	0.0696761	0.207158	-4.82724	0.711745	1.33376	1.33376	0.514136	0.598464	-1.67094	0.18254	0.333628	-2.99735	0.164337	0.316203	-3.16253	0.440966	0.54348	-1.83999	0.768945	1.25681	1.25681	2.53358	24.1618	8.47701	1
cg24710191	HLTF;HLTF	0.102543	0.920839	1.03898	1.03898	0.12072	0.523424	-1.9105	0.661965	0.844315	-1.18439	0.979949	1.00971	1.00971	0.121613	1.90704	1.90704	0.040846	2.47954	2.47954	0.0796392	2.11343	2.11343	0.0396689	2.49694	2.49694	0.219577	1.64312	1.64312	2.53357	5.93759	2.08317	1
cg12215739	HOXD4;MIR10B	0.102545	0.122065	9.39049	9.39049	0.0441889	21.9691	21.9691	0.0689933	15.174	15.174	0.661954	1.80035	1.80035	0.265797	4.7103	4.7103	0.0492321	20.0846	20.0846	0.0261464	34.01	34.01	0.0378638	24.9761	24.9761	0.107481	10.4628	10.4628	2.53355	71.6714	25.1457	1
cg23241201	ZNF296	0.102545	0.591017	0.755496	-1.32363	0.0505242	3.16412	3.16412	0.0179355	4.42239	4.42239	0.0178122	4.43241	4.43241	0.653037	0.791449	-1.2635	0.536248	1.38226	1.38226	0.93079	1.04592	1.04592	0.712068	1.21119	1.21119	0.239988	1.88874	1.88874	2.53355	10.7195	3.7609	1
cg03156769	FBXL5;FBXL5	0.102547	0.655115	1.10507	1.10507	0.0222945	1.83793	1.83793	0.0271028	1.78854	1.78854	0.0647637	1.58559	1.58559	0.649726	0.903389	-1.10694	0.535673	0.869894	-1.14956	0.246668	0.763983	-1.30893	0.926227	1.02079	1.02079	0.410362	1.20573	1.20573	2.53353	1.98155	0.695226	1
cg09346118	C1orf61;MIR9-1	0.102548	0.0551079	0.745141	-1.34203	0.0399545	0.725281	-1.37878	0.00970955	0.642396	-1.55667	0.712406	1.05136	1.05136	0.705553	1.05269	1.05269	0.908035	1.01576	1.01576	0.403518	0.890797	-1.12259	0.158464	0.815515	-1.22622	0.49869	0.911275	-1.09736	2.53352	0.73429	0.257626	1
cg09759737	PTPRN2;PTPRN2;PTPRN2	0.102548	0.27481	0.739669	-1.35196	0.889282	0.963707	-1.03766	0.612228	0.873135	-1.1453	0.787287	1.07442	1.07442	0.371751	0.783963	-1.27557	0.803065	1.06857	1.06857	0.157429	1.49367	1.49367	0.497642	1.2005	1.2005	0.00413572	0.360422	-2.77453	2.53351	2.82632	0.99162	1
cg18603466	RAD51L3;RAD51L3;RAD51L3	0.102549	0.843862	1.12213	1.12213	0.0718582	0.162406	-6.15741	0.0310614	0.057492	-17.3937	0.157752	0.320172	-3.12332	?	?	?	0.0610009	0.136658	-7.31756	?	?	?	0.0602813	0.134892	-7.41335	0.034471	0.0669384	-14.9391	9.10032	26.4208	0.829508	1
cg24859623	CD302	0.10255	0.631656	0.953746	-1.0485	0.773762	0.972136	-1.02866	0.0445166	0.797546	-1.25385	0.750149	1.03182	1.03182	0.903033	0.988121	-1.01202	0.0982343	1.19461	1.19461	0.608876	1.0519	1.0519	0.111566	1.18522	1.18522	0.0202116	1.31601	1.31601	2.53349	0.385738	0.135338	1
cg02840615	HS2ST1;SEP15;HS2ST1;SEP15	0.102552	0.00866185	0.233	-4.29184	0.438296	1.39362	1.39362	0.821909	1.09898	1.09898	0.0782814	0.435046	-2.29861	0.0863738	0.446921	-2.23753	0.0835332	0.442847	-2.25812	0.407039	0.70031	-1.42794	0.798978	1.11276	1.11276	0.631946	0.816913	-1.22412	2.69319	7.31524	2.1126	1
cg18680788	STC2	0.102552	0.0780471	0.464289	-2.15383	0.454995	0.742152	-1.34743	0.0289935	0.364694	-2.74203	0.26311	0.633068	-1.57961	0.0621869	0.439228	-2.27672	0.04226	0.399811	-2.50118	0.336328	1.47473	1.47473	0.591943	1.23619	1.23619	0.679615	1.17672	1.17672	2.53348	6.16141	2.16178	1
cg14098966	RELL2;RELL2;HDAC3	0.102553	0.0205396	0.577871	-1.73049	0.546889	1.12728	1.12728	0.152102	0.739703	-1.35189	0.900972	0.975832	-1.02477	0.635736	0.910491	-1.09831	0.24142	0.785854	-1.2725	0.0117441	0.538707	-1.8563	0.106229	0.70702	-1.41439	0.953488	1.01153	1.01153	2.53346	1.54966	0.543711	1
cg01174504	GFOD1	0.102554	0.730726	1.05018	1.05018	0.0151998	1.52583	1.52583	0.4502	1.1152	1.1152	0.299113	1.16475	1.16475	0.216621	0.831735	-1.20231	0.117693	1.27223	1.27223	0.45409	0.897572	-1.11412	0.0628497	1.34526	1.34526	0.10375	1.28674	1.28674	2.53345	0.805748	0.282705	1
cg15343119	GALR1	0.102554	0.980894	0.996801	-1.00321	0.0544439	1.33905	1.33905	0.134836	1.24071	1.24071	0.271271	1.1656	1.1656	0.465209	1.10455	1.10455	0.139718	1.23691	1.23691	0.0273484	0.705195	-1.41805	0.125539	1.24834	1.24834	0.366186	1.13225	1.13225	2.53345	0.718236	0.252001	1
cg17474790	MYOM2	0.102556	0.445775	1.11677	1.11677	0.111014	1.27982	1.27982	0.402663	0.885411	-1.12942	0.0878616	1.30693	1.30693	0.0950005	0.770506	-1.29785	0.0194674	1.49384	1.49384	0.225004	1.19852	1.19852	0.586151	1.08125	1.08125	0.73395	0.952679	-1.04967	2.53344	0.810203	0.28427	1
cg00429497	SHISA7	0.102556	0.364328	1.4619	1.4619	0.00539512	4.44636	4.44636	0.0638801	2.33605	2.33605	0.760299	0.882804	-1.13275	0.487126	1.33323	1.33323	0.196963	1.7431	1.7431	0.164081	1.83096	1.83096	0.0695832	2.28592	2.28592	0.878864	1.0641	1.0641	2.53343	6.65818	2.33611	1
cg05932360	JARID2	0.102556	0.0644014	0.472107	-2.11816	0.185391	1.66079	1.66079	0.499984	1.2806	1.2806	0.548075	0.802878	-1.24552	0.921731	1.03614	1.03614	0.512791	0.786806	-1.27096	0.00682518	0.281985	-3.54629	0.576072	1.22636	1.22636	0.947547	1.02405	1.02405	2.53343	5.23554	1.83696	1
cg06697380	MEGF10	0.102556	0.697483	0.764644	-1.3078	0.0165076	0.133701	-7.47936	0.785653	0.829224	-1.20595	0.0266388	6.07804	6.07804	0.254377	0.441502	-2.26499	0.669301	1.34333	1.34333	0.34671	1.94575	1.94575	0.933455	0.944246	-1.05905	0.326934	2.00415	2.00415	2.53343	18.9346	6.64346	1
cg18693656	FLNC;FLNC	0.102558	0.678449	0.918162	-1.08913	0.0224695	0.571261	-1.75051	0.350029	0.821185	-1.21775	0.960067	1.01031	1.01031	0.27935	1.25902	1.25902	0.0646207	1.52974	1.52974	0.0532678	1.56783	1.56783	0.754441	0.93776	-1.06637	0.637771	0.907444	-1.102	2.53341	1.68291	0.590476	1
cg21910663	MGC23284;MVD;MGC23284	0.102559	0.227113	0.687458	-1.45463	0.0154507	0.415558	-2.4064	0.589676	1.17458	1.17458	0.666037	0.879565	-1.13693	0.0563424	0.528015	-1.89388	0.0654862	0.542812	-1.84226	0.0386459	0.492711	-2.02959	0.580728	0.848002	-1.17924	0.129918	0.616633	-1.62171	2.5334	3.50452	1.22962	1
cg00702341	ZNF493;ZNF493;ZNF493	0.102561	0.239774	1.11032	1.11032	0.104546	1.16281	1.16281	0.00594606	1.35771	1.35771	0.0354881	1.23136	1.23136	0.997624	0.999747	-1.00025	0.379604	1.07964	1.07964	0.931883	0.992758	-1.00729	0.702044	0.96785	-1.03322	0.578767	1.04883	1.04883	2.53338	0.289992	0.10175	1
cg18480127	C14orf177	0.102567	0.384157	0.741525	-1.34857	0.166152	1.64024	1.64024	0.0122185	0.351237	-2.84708	0.640089	0.854003	-1.17096	0.955516	1.01887	1.01887	0.215808	1.54856	1.54856	0.108831	1.79694	1.79694	0.270897	1.46837	1.46837	0.598997	0.837086	-1.19462	2.53331	4.50623	1.58115	1
cg05180954	LMF1	0.102567	0.102327	0.61372	-1.62941	0.628951	1.14221	1.14221	0.4721	0.818949	-1.22108	0.980442	1.00672	1.00672	0.0153242	0.443599	-2.25429	0.733428	0.910873	-1.09785	0.0331829	0.506647	-1.97376	0.532725	1.18833	1.18833	0.0587719	0.558258	-1.79129	2.53331	2.992	1.04983	1
cg26814276	GALNTL6	0.102568	0.635753	0.872645	-1.14594	0.760006	0.916238	-1.09142	0.639881	1.14401	1.14401	0.14757	0.641696	-1.55837	0.16626	0.656088	-1.52419	0.00458182	0.340393	-2.93778	0.374395	0.770806	-1.29734	0.127703	0.62486	-1.60036	0.0764208	0.569623	-1.75555	2.5333	3.27067	1.14762	1
cg02578368	HIST1H2BH;HIST1H3F	0.102569	0.844164	0.910452	-1.09836	0.00422774	6.20671	6.20671	0.696634	1.20534	1.20534	0.902991	0.943532	-1.05985	0.85406	0.915969	-1.09174	0.994075	1.00355	1.00355	0.126975	0.455289	-2.19641	0.229491	0.548224	-1.82407	0.719405	1.18764	1.18764	2.53329	9.11683	3.19894	1
cg05981907	CDC6	0.102573	?	?	?	?	?	?	0.918839	0.925193	-1.08086	?	?	?	0.028675	0.1325	-7.54717	0.460604	0.56293	-1.77642	?	?	?	0.478136	1.73584	1.73584	0.0858555	4.35267	4.35267	2.84713	14.2701	7.01693	1
cg23715700	TPM4;TPM4	0.102573	0.114756	0.787771	-1.2694	0.0325035	1.41636	1.41636	0.310009	1.15732	1.15732	0.0919697	0.77259	-1.29435	0.748761	1.04571	1.04571	0.198747	1.2079	1.2079	0.517426	0.912764	-1.09557	0.109134	0.784284	-1.27505	0.74695	1.04606	1.04606	2.53324	0.776091	0.272322	1
cg09457801	C4orf22	0.102575	0.818607	1.02849	1.02849	0.191209	0.844339	-1.18436	0.00391171	0.621977	-1.60778	0.45819	1.09676	1.09676	0.847804	0.976781	-1.02377	0.123079	0.815255	-1.22661	0.159631	0.832153	-1.2017	0.611321	0.939261	-1.06467	0.995019	1.00076	1.00076	2.53323	0.599789	0.210461	1
cg27198244	FYN;FYN;FYN	0.102577	0.981562	0.994532	-1.0055	0.0480137	0.584926	-1.70962	0.0346871	0.557546	-1.79357	0.0599784	1.65447	1.65447	0.400839	0.815436	-1.22634	0.746692	1.07993	1.07993	0.310663	1.2826	1.2826	0.675575	1.10502	1.10502	0.24324	1.33605	1.33605	2.53321	2.25853	0.792505	1
cg07312357	ESRRG;ESRRG;ESRRG	0.102577	0.660689	1.228	1.228	0.518891	0.737822	-1.35534	0.0815646	2.45358	2.45358	0.332556	1.59165	1.59165	0.394251	1.50039	1.50039	0.0155262	3.97523	3.97523	0.19639	0.529859	-1.88729	0.138425	0.476311	-2.09947	0.298892	1.64975	1.64975	2.53321	8.67351	3.04348	1
cg12690127	PTPN6	0.102577	0.184387	2.22828	2.22828	0.0180627	5.12581	5.12581	0.0307094	4.23935	4.23935	0.845577	1.11736	1.11736	0.170287	2.29583	2.29583	0.103484	2.7548	2.7548	0.0509148	3.54486	3.54486	0.0931677	2.8606	2.8606	0.862064	0.905775	-1.10403	2.53321	12.9925	4.55901	1
cg20323436	C12orf63	0.102577	0.929785	1.03755	1.03755	0.0303078	2.90142	2.90142	0.0819171	0.446474	-2.23977	0.085353	0.451307	-2.21579	0.0501587	0.392926	-2.54501	0.858448	1.07754	1.07754	0.406969	1.42596	1.42596	0.699432	0.850196	-1.1762	0.758788	0.879113	-1.13751	2.53321	7.02051	2.46346	1
cg09433558	PLD1;PLD1	0.102578	0.0445412	0.558836	-1.78943	0.228175	0.726833	-1.37583	0.0532322	0.574658	-1.74017	0.0326749	0.532326	-1.87855	0.120741	0.65411	-1.5288	0.427305	0.8151	-1.22684	0.353521	1.27226	1.27226	0.361231	1.26712	1.26712	0.769339	1.07699	1.07699	2.53319	2.55282	0.895777	1
cg15973818	RB1CC1;RB1CC1	0.102584	0.11475	0.375079	-2.66611	0.0205542	0.202876	-4.92912	0.0651118	0.306048	-3.26746	0.874998	0.913925	-1.09418	0.0832026	0.33403	-2.99375	0.146645	0.410372	-2.43681	0.0208801	0.204031	-4.90122	0.913963	1.06374	1.06374	0.267226	0.516429	-1.93638	2.53314	13.1137	4.60165	1
cg12732883	VPS53;VPS53	0.102586	0.88399	0.959481	-1.04223	0.457936	1.23878	1.23878	0.406313	0.786103	-1.2721	0.4837	0.817389	-1.22341	0.337923	0.755888	-1.32295	0.0215911	0.45766	-2.18503	0.0195291	2.22461	2.22461	0.353344	1.31067	1.31067	0.883749	1.04232	1.04232	2.53311	3.21982	1.12986	1
cg27243312	MAGI1;MAGI1;MAGI1	0.102586	0.231003	1.82373	1.82373	0.0528113	2.86523	2.86523	0.0637917	0.369168	-2.70879	0.135998	2.15612	2.15612	0.873548	1.07915	1.07915	0.364161	0.640203	-1.56201	?	?	?	0.0740801	2.59075	2.59075	0.465963	1.42593	1.42593	2.56049	8.24425	3.2198	1
cg04519327	SPINT1;SPINT1;SPINT1	0.102587	0.285772	0.882266	-1.13344	0.660176	0.951238	-1.05126	0.941291	0.991712	-1.00836	0.170178	1.17947	1.17947	0.989306	0.998487	-1.00152	0.469653	1.08667	1.08667	0.0046131	1.53103	1.53103	0.307262	1.12684	1.12684	0.138099	1.1977	1.1977	2.5331	0.51217	0.179725	1
cg17947172	NFASC;NFASC;NFASC;NFASC	0.102587	0.122804	1.68108	1.68108	0.594258	1.18179	1.18179	0.865223	0.948592	-1.05419	0.18072	1.55511	1.55511	0.624973	0.858086	-1.16538	0.0327199	2.17334	2.17334	0.901916	1.03905	1.03905	0.00976918	2.75963	2.75963	0.098111	1.75712	1.75712	2.5331	3.87215	1.35877	1
cg15634980	PNPLA1;PNPLA1;PNPLA1	0.102589	0.671621	1.07774	1.07774	0.114609	1.3516	1.3516	0.0230468	1.61158	1.61158	0.0755832	1.41523	1.41523	0.712718	1.06709	1.06709	0.013689	1.70798	1.70798	0.828049	0.962527	-1.03893	0.488486	0.883767	-1.13152	0.566457	1.1071	1.1071	2.53308	1.23676	0.433996	1
cg04957663	GABBR1;GABBR1;GABBR1	0.10259	0.287422	0.565188	-1.76932	0.848362	0.905844	-1.10394	0.493808	1.43185	1.43185	0.185659	0.484331	-2.0647	0.00568684	0.153547	-6.51266	0.944678	1.0365	1.0365	0.200841	0.497613	-2.00959	0.495777	1.42944	1.42944	0.0786911	0.364655	-2.74232	2.53307	10.7061	3.75694	1
cg01007305	GRID1	0.102591	0.113804	2.64729	2.64729	0.960145	1.02868	1.02868	0.564714	0.719346	-1.39015	0.664018	1.28057	1.28057	0.120209	2.59558	2.59558	0.046061	3.64574	3.64574	0.00871316	6.62845	6.62845	0.100332	2.76956	2.76956	0.743531	1.20415	1.20415	2.53305	12.8456	4.50772	1
cg00162940	PPM1D	0.102592	0.355274	1.22986	1.22986	0.884172	1.03222	1.03222	0.364101	1.22498	1.22498	0.730528	0.927534	-1.07813	0.330997	0.803936	-1.24388	0.0788865	1.5289	1.5289	0.0112124	0.500882	-1.99648	0.189472	0.739034	-1.35312	0.333563	0.804924	-1.24235	2.53304	1.89915	0.666443	1
cg17126901	PODXL;PODXL;PODXL;PODXL	0.102593	0.203942	1.28344	1.28344	0.577728	1.11035	1.11035	0.0915643	1.4131	1.4131	0.63213	1.09392	1.09392	0.384408	1.18056	1.18056	0.256913	1.24636	1.24636	0.016435	0.579442	-1.7258	0.579004	1.10995	1.10995	0.130419	0.737844	-1.3553	2.53303	1.38972	0.48768	1
cg00837832	GHRHR;GHRHR	0.102594	0.38178	0.805498	-1.24147	0.0254329	1.89735	1.89735	0.116674	0.662969	-1.50837	0.105689	1.53137	1.53137	0.575945	0.87262	-1.14597	0.0609978	1.66388	1.66388	0.193277	1.39369	1.39369	0.924566	1.0231	1.0231	0.56737	1.14958	1.14958	2.53303	2.3325	0.81852	1
cg00664416	MANEAL;MANEAL;MANEAL;MANEAL	0.102594	0.805746	0.882932	-1.13259	0.0314217	3.58012	3.58012	0.0200061	4.13108	4.13108	0.460516	1.46182	1.46182	0.293944	0.576891	-1.73343	0.564386	1.34236	1.34236	0.163369	0.471545	-2.12069	0.881078	1.07858	1.07858	0.15383	2.16316	2.16316	2.53303	10.2443	3.59492	1
cg11188027	ZDHHC13;ZDHHC13	0.102595	0.0380153	0.668465	-1.49596	0.878979	1.02584	1.02584	0.55234	1.10591	1.10591	0.267107	0.823988	-1.21361	0.286621	0.830863	-1.20357	0.981114	0.996044	-1.00397	0.00500947	0.536974	-1.86229	0.870201	0.972987	-1.02776	0.902774	1.02067	1.02067	2.53301	1.1249	0.394753	1
cg23399028	TMEM93;TMEM93;TAX1BP3	0.102603	0.247018	0.674931	-1.48163	0.0149207	0.378212	-2.64402	0.676195	0.872472	-1.14617	0.25096	1.47638	1.47638	0.331624	0.72229	-1.38448	0.704074	1.13195	1.13195	0.0874894	0.541886	-1.84541	0.99724	0.998877	-1.00112	0.0917118	1.82775	1.82775	2.53293	4.23182	1.48509	1
cg03670132	KIAA1430	0.102606	0.311185	0.86666	-1.15385	0.0448992	0.730232	-1.36943	0.0761186	1.30938	1.30938	0.684666	1.05735	1.05735	0.146329	1.23735	1.23735	0.773242	0.961309	-1.04025	0.353142	1.13939	1.13939	0.121775	1.25746	1.25746	0.0754787	1.31032	1.31032	2.5329	0.748333	0.262618	1
cg17232583	BTNL2	0.102607	0.452646	0.59179	-1.68979	0.0609479	0.234999	-4.25533	0.246591	0.435708	-2.29512	0.271368	0.45606	-2.1927	0.024236	0.158509	-6.30879	0.227721	0.419706	-2.38262	0.0110158	0.112287	-8.90578	0.0496566	0.21536	-4.64338	0.356753	0.522096	-1.91536	2.53288	18.8597	6.61862	1
cg24883642	EIF2AK4	0.10261	0.910307	0.990119	-1.00998	0.0211066	1.27684	1.27684	0.166127	1.13897	1.13897	0.956643	0.99522	-1.0048	0.725084	0.969365	-1.0316	0.11746	0.860849	-1.1164	0.079938	0.842638	-1.18675	0.756835	0.973001	-1.02775	0.134406	1.15285	1.15285	2.53285	0.311506	0.109321	1
cg26915870	CACNA1H;CACNA1H	0.102616	0.25682	0.698719	-1.43119	0.112659	0.592679	-1.68725	0.0249985	0.445814	-2.24309	0.788987	0.92196	-1.08465	0.329811	0.737397	-1.35612	0.498769	1.23122	1.23122	0.0366841	2.08614	2.08614	0.424457	1.28029	1.28029	0.804151	1.07817	1.07817	2.53279	3.68078	1.29178	1
cg24956710	TRIM29	0.102618	0.0106333	0.447004	-2.23712	0.492936	0.839835	-1.19071	0.0443501	0.560499	-1.78412	0.87457	1.04039	1.04039	0.0589946	0.585957	-1.70661	0.163101	0.688546	-1.45234	0.0915738	0.627701	-1.59312	0.113617	0.649514	-1.53961	0.811482	0.941862	-1.06173	2.53277	2.52056	0.884603	1
cg08817171	KIF23;KIF23	0.102618	0.812808	1.03536	1.03536	0.184558	1.22892	1.22892	0.23078	1.20217	1.20217	0.594236	1.08194	1.08194	0.723347	0.949273	-1.05344	0.829509	0.968908	-1.03209	0.00398921	0.567312	-1.7627	0.909706	1.01676	1.01676	0.646398	1.07	1.07	2.53277	0.860573	0.302022	1
cg15561583	OTX1	0.102618	0.0200813	0.239922	-4.16801	0.32197	1.53832	1.53832	0.21441	0.569864	-1.75481	?	?	?	0.62099	0.815398	-1.22639	0.896779	1.05412	1.05412	0.469351	1.356	1.356	0.388912	1.44531	1.44531	0.0619537	2.66562	2.66562	3.89003	7.85336	1.00942	1
cg00267373	TBL3	0.10262	0.484496	0.87566	-1.142	0.308827	1.21757	1.21757	0.519435	0.885099	-1.12982	0.721461	0.935284	-1.06919	0.272149	0.807644	-1.23817	0.136888	0.741205	-1.34915	0.0139842	1.76343	1.76343	0.0687171	0.683324	-1.46343	0.544357	0.891652	-1.12151	2.53275	1.4012	0.491761	1
cg02887374	LASS4	0.10262	0.727415	1.04922	1.04922	0.64617	1.06552	1.06552	0.174154	0.819972	-1.21955	0.0654781	1.32824	1.32824	0.836341	0.972	-1.02881	0.00629137	0.61346	-1.6301	0.798867	1.03568	1.03568	0.764404	0.959573	-1.04213	0.731961	0.953892	-1.04834	2.53275	0.756137	0.265373	1
cg14545670	LRRC26	0.102622	0.0366035	5.72016	5.72016	0.0505648	4.95236	4.95236	0.2157	2.5488	2.5488	0.15616	2.97228	2.97228	0.222614	2.50998	2.50998	0.0968909	3.70048	3.70048	0.747301	0.792845	-1.26128	0.0119149	9.52039	9.52039	0.325654	2.07246	2.07246	2.53273	20.6816	7.25843	1
cg01462353	DHRS9;DHRS9;DHRS9;DHRS9	0.102623	0.131078	0.210618	-4.74794	0.0281	0.0838862	-11.9209	0.0357062	0.0967588	-10.335	0.0962373	0.174597	-5.72748	0.0333083	0.0928385	-10.7714	0.103521	0.182449	-5.48098	0.0580138	0.129068	-7.74786	0.410765	0.447664	-2.23382	0.125532	0.205117	-4.87527	2.53272	36.6233	12.8534	1
cg24683061	PAIP2;PAIP2	0.102626	0.034258	0.596404	-1.67672	0.078044	1.50635	1.50635	0.567011	1.12871	1.12871	0.150969	0.724671	-1.37994	0.0775615	0.663316	-1.50758	0.411309	0.838797	-1.19218	0.690253	1.08743	1.08743	0.909499	1.02408	1.02408	0.164964	1.36335	1.36335	2.53268	1.75621	0.616371	1
cg21604539	C1orf74;C1orf74	0.102627	0.72122	0.942104	-1.06145	0.738522	1.05735	1.05735	0.194737	1.25648	1.25648	0.0065713	0.555691	-1.79956	0.585545	0.912421	-1.09599	0.388323	0.86315	-1.15855	0.364535	1.16777	1.16777	0.209711	1.24614	1.24614	0.333121	1.18078	1.18078	2.53267	1.11134	0.390045	1
cg13997435	S100A2	0.102629	0.0175916	0.131127	-7.62619	0.716801	1.29201	1.29201	0.358228	0.51455	-1.94344	0.0594314	0.223927	-4.46574	0.0556942	0.217661	-4.59431	0.272125	0.447557	-2.23435	0.080308	0.255516	-3.91365	0.153437	0.341292	-2.93004	0.0464277	0.201032	-4.97434	2.53265	19.8405	6.96345	1
cg01164094	NT5DC3	0.10263	0.597782	0.917203	-1.09027	0.946017	0.989068	-1.01105	0.443058	0.880777	-1.13536	0.862645	0.972282	-1.02851	0.0101315	1.69305	1.69305	0.278935	1.2005	1.2005	0.0202738	1.5751	1.5751	0.65947	1.07464	1.07464	0.624682	0.923081	-1.08333	2.53264	1.05694	0.370959	1
cg26460247	KLHL32;KLHL32	0.10263	0.858465	1.02342	1.02342	0.874068	1.02078	1.02078	0.31462	1.14437	1.14437	0.727833	0.955703	-1.04635	0.753887	1.04163	1.04163	0.163349	1.2128	1.2128	0.00353831	0.598862	-1.66983	0.732841	0.956539	-1.04544	0.842754	1.02609	1.02609	2.53264	0.674582	0.236761	1
cg11770323	NDFIP2;NDFIP2	0.102636	0.599424	0.762926	-1.31074	0.112308	2.41741	2.41741	0.764406	0.857738	-1.16586	0.899193	0.937342	-1.06685	0.00708925	0.169262	-5.90799	0.551671	1.35998	1.35998	0.332465	0.600219	-1.66606	0.151106	2.19347	2.19347	0.579949	0.751695	-1.33033	2.53258	10.4557	3.66978	1
cg11029475	GCAT;H1F0;H1F0	0.102639	0.0216387	0.352409	-2.83761	0.23132	1.60776	1.60776	0.559144	1.25032	1.25032	0.292511	0.661641	-1.51139	0.0473303	0.423925	-2.35891	0.638537	0.836153	-1.19595	0.60678	0.821728	-1.21695	0.0423521	0.413003	-2.42129	0.189442	0.591134	-1.69166	2.53254	5.73728	2.01371	1
cg04180046	MYO1G	0.102641	0.00617375	17.3054	17.3054	0.172981	3.18204	3.18204	0.480872	1.77171	1.77171	0.180679	3.10993	3.10993	0.952481	0.953545	-1.04872	0.705336	1.35423	1.35423	0.513009	1.69818	1.69818	0.146806	3.46593	3.46593	0.0226482	8.83128	8.83128	2.53253	25.556	8.96989	1
cg02902102	GRIN2D	0.102641	0.160819	2.50617	2.50617	0.101309	3.00549	3.00549	0.101227	3.00644	3.00644	0.464306	1.57905	1.57905	0.687877	0.780592	-1.28108	0.304243	1.92055	1.92055	0.0077812	8.13328	8.13328	0.247345	0.476219	-2.09988	0.467676	1.57344	1.57344	2.53252	15.0894	5.29624	1
cg07560520	MSRB2	0.102642	0.443922	0.859117	-1.16399	0.0608529	0.662929	-1.50846	0.15334	1.34642	1.34642	0.0145314	0.55672	-1.79624	0.201876	1.29975	1.29975	0.272639	0.800809	-1.24874	0.425801	0.853667	-1.17142	0.927168	1.01795	1.01795	0.709719	1.07545	1.07545	2.53251	1.5181	0.532841	1
cg09570676	PI15	0.102649	0.987409	1.00254	1.00254	0.0171723	0.626875	-1.59522	0.0894666	0.739992	-1.35137	0.439515	0.880921	-1.13518	0.489269	0.893183	-1.11959	0.523269	0.901194	-1.10964	0.0404375	1.46321	1.46321	0.467123	1.12636	1.12636	0.35774	0.858903	-1.16428	2.53244	1.03728	0.364088	1
cg24700760	C7orf25;C7orf25	0.102649	0.0466393	0.805674	-1.2412	0.915049	1.01017	1.01017	0.433794	0.927048	-1.07869	0.141482	0.860748	-1.16178	0.290594	0.901208	-1.10962	0.376734	0.917568	-1.08984	0.0149169	1.32835	1.32835	0.94463	1.00661	1.00661	0.535726	1.06128	1.06128	2.53243	0.360776	0.126633	1
cg27467383	LGALS1	0.10265	0.0361546	0.211301	-4.73258	0.146979	0.370466	-2.6993	0.022973	0.176341	-5.67084	0.0468913	0.234245	-4.26903	0.0960235	0.311547	-3.20979	0.268489	0.479357	-2.08613	0.0538338	0.247414	-4.0418	0.251458	0.46561	-2.14772	0.0640677	0.265093	-3.77226	2.53243	16.3255	5.73027	1
cg12042448	FAM5B	0.102651	0.824214	0.971716	-1.02911	0.261229	1.16312	1.16312	0.50309	1.0916	1.0916	0.54143	1.08299	1.08299	0.0471049	0.746	-1.34048	0.0839174	1.27975	1.27975	0.615755	1.06744	1.06744	0.0145896	1.47393	1.47393	0.636278	0.940412	-1.06336	2.53242	0.667111	0.234159	1
cg07416325	CNTNAP5	0.102651	0.308573	1.47642	1.47642	0.121269	1.861	1.861	0.472336	1.31031	1.31031	0.170546	1.71527	1.71527	?	?	?	0.12135	1.8607	1.8607	0.0133763	3.10395	3.10395	0.0177565	2.90308	2.90308	0.332471	1.4472	1.4472	2.55977	4.92569	1.92427	1
cg14215970	STOM;STOM	0.102654	0.298486	1.22081	1.22081	0.371649	1.18509	1.18509	0.953775	1.01079	1.01079	0.697642	1.07495	1.07495	0.903948	1.0226	1.0226	0.0155959	0.577541	-1.73148	0.197468	0.777076	-1.28688	0.034521	1.57838	1.57838	0.547625	0.893461	-1.11924	2.53238	1.37463	0.482507	1
cg08971724	FOXM1;FOXM1;FOXM1	0.102654	0.568016	0.811712	-1.23196	0.690485	0.865299	-1.15567	0.170246	0.589801	-1.69549	0.829154	0.924859	-1.08125	0.00466903	0.256744	-3.89493	0.0540334	0.453617	-2.2045	0.0775355	0.492022	-2.03243	0.967808	1.01469	1.01469	0.24747	0.645914	-1.54819	2.53238	5.24052	1.83947	1
cg09236762	TSNARE1	0.102657	0.057722	0.495094	-2.01982	0.174557	0.623055	-1.60499	0.0503162	0.481453	-2.07705	0.57944	0.832437	-1.20129	0.0158206	0.379661	-2.63393	0.651317	0.861529	-1.16073	0.0207171	0.401548	-2.49036	0.165569	0.616009	-1.62335	0.345593	0.727435	-1.37469	2.53235	4.30458	1.51097	1
cg21442773	LYST	0.102658	0.212557	1.27737	1.27737	0.0990276	1.40103	1.40103	0.125233	1.36263	1.36263	0.0311918	0.624098	-1.60231	0.178581	1.30535	1.30535	0.929774	1.01657	1.01657	0.0976115	0.712554	-1.4034	0.819095	1.04364	1.04364	0.866808	1.03179	1.03179	2.53234	1.39433	0.489429	1
cg02510185	KIAA0513	0.10266	0.508736	0.74035	-1.35071	0.146434	2.0119	2.0119	0.109853	0.457662	-2.18502	0.610605	1.25899	1.25899	0.0200829	0.284272	-3.51776	0.2783	0.603163	-1.65793	0.0636512	0.392555	-2.54741	0.457965	1.40347	1.40347	0.218611	0.559737	-1.78655	2.53232	8.06616	2.83136	1
cg15154519	PRKAR2B	0.102662	0.42007	0.692935	-1.44314	0.227087	0.568547	-1.75887	0.028004	0.314782	-3.1768	0.717706	0.850727	-1.17547	0.347389	0.649968	-1.53854	0.658841	0.820492	-1.21878	0.00440914	0.184066	-5.43284	0.668937	1.21112	1.21112	0.449193	0.709358	-1.40972	2.5323	7.95215	2.79137	1
cg14608550	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.102665	0.974765	0.995195	-1.00483	0.195316	1.23188	1.23188	0.230247	1.21124	1.21124	0.470101	1.11838	1.11838	0.312447	0.85292	-1.17244	0.425421	0.883444	-1.13193	0.106906	1.30734	1.30734	0.172865	0.80183	-1.24715	0.0174225	0.643553	-1.55387	2.53226	0.929732	0.326359	1
cg25645462	GPR56;GPR56	0.102671	0.191876	0.843659	-1.18531	0.038444	0.744435	-1.3433	0.926363	1.01144	1.01144	0.108982	0.806463	-1.23998	0.250195	0.862545	-1.15936	0.458568	1.09733	1.09733	0.0670744	1.28733	1.28733	0.562878	1.07464	1.07464	0.0929409	0.796549	-1.25542	2.5322	0.607306	0.213185	1
cg20874811	TRIM25	0.102671	0.948623	0.995268	-1.00475	0.520515	1.04911	1.04911	0.00476356	0.75893	-1.31765	0.986713	1.00123	1.00123	0.0368859	0.836593	-1.19532	0.400817	0.938664	-1.06534	0.195115	0.904056	-1.10613	0.529596	0.954209	-1.04799	0.838671	0.985108	-1.01512	2.5322	0.217263	0.0762668	1
cg18398009	AMOTL1	0.102674	0.727297	1.07817	1.07817	0.0327499	0.584453	-1.711	0.0174732	0.536886	-1.86259	0.358265	1.2252	1.2252	0.3221	0.80259	-1.24597	0.563985	0.882145	-1.1336	0.915688	0.97749	-1.02303	0.0321104	0.582911	-1.71553	0.544837	0.876552	-1.14083	2.53216	1.85373	0.650733	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18533546	ARHGEF10	0.102676	0.587238	0.68466	-1.46058	0.00249905	0.0548446	-18.2334	0.142406	0.336256	-2.97392	0.874484	1.11545	1.11545	0.285753	0.464741	-2.15174	0.201934	0.394049	-2.53775	0.434811	0.576512	-1.73457	0.345057	0.5106	-1.95848	0.884996	1.1052	1.1052	2.53215	19.158	6.72523	1
cg05105477	CACNB4;CACNB4;CACNB4	0.102677	0.057735	0.216017	-4.62927	0.0448746	0.193175	-5.17665	0.0751021	0.242815	-4.11837	0.97378	1.02375	1.02375	0.0550385	0.211481	-4.72856	0.597018	0.683149	-1.46381	0.0196459	0.133591	-7.48556	0.68419	1.33917	1.33917	0.327003	0.485464	-2.05989	2.53214	20.4539	7.1802	1
cg04078416	CCDC12	0.102679	0.00744001	0.335592	-2.97981	0.768059	1.09821	1.09821	0.618419	1.17241	1.17241	0.183328	0.639419	-1.56392	0.716766	0.891004	-1.12233	0.895821	1.04237	1.04237	0.80285	1.08246	1.08246	0.469999	1.26215	1.26215	0.0627962	1.94086	1.94086	2.53211	4.02381	1.41254	1
cg27485108	KCNK3	0.102686	0.189331	2.65943	2.65943	0.964305	0.969009	-1.03198	0.76999	0.813629	-1.22906	0.780755	1.21687	1.21687	0.176727	2.74613	2.74613	0.1612	2.86523	2.86523	0.00435429	14.583	14.583	0.0632895	4.34611	4.34611	0.398886	1.83597	1.83597	2.53204	19.8453	6.96681	1
cg03673298	APOM	0.102686	0.0232015	0.120465	-8.30118	0.111914	0.25923	-3.85758	0.0941677	0.238083	-4.20022	0.455804	0.553016	-1.80826	0.894055	0.901304	-1.1095	0.136634	0.286342	-3.49232	0.0115597	0.0851992	-11.7372	0.381616	0.496675	-2.01339	0.0837008	0.224736	-4.44967	2.53204	24.3902	8.56233	1
cg02616966	MCCC1	0.102688	0.603978	0.66013	-1.51485	0.918189	1.08496	1.08496	0.967192	1.03318	1.03318	0.847212	1.16544	1.16544	0.881134	0.88802	-1.1261	0.963293	1.0372	1.0372	0.146504	0.290256	-3.44523	0.00220985	0.0332225	-30.1001	0.364914	0.477631	-2.09367	2.53202	25.2619	8.86842	1
cg23545250	FAM64A	0.102688	0.956121	0.980751	-1.01963	0.00607467	0.282097	-3.54488	0.896805	0.955199	-1.0469	0.21571	1.58449	1.58449	0.48474	1.28506	1.28506	0.209806	0.626958	-1.595	0.242523	0.649182	-1.5404	0.386444	0.730804	-1.36836	0.305689	1.45447	1.45447	2.53202	5.00367	1.75658	1
cg22941974	CCDC85A	0.102689	0.973714	1.00958	1.00958	0.39075	1.2898	1.2898	0.0165731	0.428743	-2.3324	0.80047	1.07604	1.07604	0.0118171	0.40264	-2.48361	0.731549	0.90515	-1.10479	0.416926	0.786568	-1.27135	0.393605	1.28773	1.28773	0.809906	0.932638	-1.07223	2.53201	3.35818	1.17892	1
cg04836188	CDKL3;CDKL3;CDKL3;CDKL3	0.102697	0.060784	0.757046	-1.32092	0.656186	0.942706	-1.06078	0.600573	1.07204	1.07204	0.14619	0.814317	-1.22802	0.357515	0.882849	-1.1327	0.235784	0.84908	-1.17775	0.00562316	0.619639	-1.61384	0.640906	1.06381	1.06381	0.728519	1.04695	1.04695	2.53192	0.695292	0.244099	1
cg22029157	IRF6	0.102699	0.474569	1.59285	1.59285	0.0628801	3.81759	3.81759	0.0650786	3.76569	3.76569	0.401347	1.73303	1.73303	0.531123	1.50098	1.50098	0.133693	2.81645	2.81645	0.0225771	5.74432	5.74432	0.0436703	4.41314	4.41314	0.0240312	5.60183	5.60183	2.5319	16.4327	5.76913	1
cg09359391	SLC26A1	0.1027	0.283591	1.49601	1.49601	0.0432187	2.31833	2.31833	0.0603235	2.15107	2.15107	0.249526	0.647177	-1.54517	0.818201	0.920123	-1.08681	0.220948	1.5924	1.5924	0.030205	2.51297	2.51297	0.0756751	2.04398	2.04398	0.963326	0.983512	-1.01676	2.53189	5.24222	1.84042	1
cg04655365	SERF2	0.1027	0.0600051	0.548701	-1.82249	0.16749	1.5162	1.5162	0.357041	1.30729	1.30729	0.299629	0.737803	-1.35538	0.32073	0.748097	-1.33672	0.544775	0.840811	-1.18933	0.0448873	0.521419	-1.91784	0.04303	0.517563	-1.93213	0.138132	0.636593	-1.57086	2.53189	3.2088	1.12654	1
cg07128330	ITFG2	0.1027	0.406445	1.25429	1.25429	0.60016	0.868402	-1.15154	0.507755	1.19634	1.19634	0.108368	1.59563	1.59563	0.223154	1.40702	1.40702	0.157081	1.49736	1.49736	0.0102883	0.422038	-2.36945	0.3987	1.25924	1.25924	0.520253	1.1899	1.1899	2.53189	2.85391	1.00194	1
cg05389084	VEPH1;VEPH1;PTX3;VEPH1	0.102705	0.968943	1.00885	1.00885	0.0118113	0.490982	-2.03674	0.0391685	0.58274	-1.71603	0.644629	1.11081	1.11081	0.898059	1.02943	1.02943	0.0926467	1.51996	1.51996	0.83514	1.04828	1.04828	0.609068	0.889849	-1.12379	0.664183	1.10388	1.10388	2.53183	2.05278	0.720699	1
cg14625975	ABCA2;ABCA2	0.102708	0.72115	0.926533	-1.07929	0.177772	0.737188	-1.35651	0.930431	1.01876	1.01876	0.438416	1.18326	1.18326	0.0937584	0.675446	-1.4805	0.108187	1.45229	1.45229	0.0198401	1.81992	1.81992	0.232141	1.30577	1.30577	0.237275	1.30162	1.30162	2.53181	1.81766	0.63816	1
cg23986143	ZP3;ZP3	0.102715	0.18283	0.649035	-1.54075	0.206226	0.665168	-1.50338	0.327324	0.734025	-1.36235	0.262669	0.699687	-1.42921	0.00480078	0.318409	-3.14061	0.181537	0.648103	-1.54296	0.309814	0.725146	-1.37903	0.0287476	0.454399	-2.20071	0.172002	0.64109	-1.55984	2.53173	3.74953	1.31646	1
cg23112213	CDC23	0.102715	0.399036	0.847868	-1.17943	0.0238325	1.67446	1.67446	0.66418	0.919896	-1.08708	0.204826	1.29139	1.29139	0.481954	1.14638	1.14638	0.0951105	0.704306	-1.41984	0.0437116	0.642001	-1.55763	0.987628	1.00297	1.00297	0.862457	1.0337	1.0337	2.53173	1.46494	0.514341	1
cg17906179	C3orf21	0.102715	0.366638	1.10909	1.10909	0.339038	1.1163	1.1163	0.0169803	1.38403	1.38403	0.983848	1.00226	1.00226	0.229807	1.15104	1.15104	0.213722	0.864015	-1.15739	0.707301	1.04301	1.04301	0.228736	1.15145	1.15145	0.0154209	1.39355	1.39355	2.53173	0.499755	0.175464	1
cg13490979	ZNF385B;ZNF385B;ZNF385B	0.102716	0.055636	0.515833	-1.93861	0.654181	0.871421	-1.14755	0.0262923	0.447365	-2.23531	0.652796	0.8709	-1.14824	0.0583114	0.520448	-1.92142	0.189827	1.52786	1.52786	0.284109	0.712019	-1.40446	0.68903	0.884455	-1.13064	0.047745	0.501092	-1.99564	2.53172	3.73574	1.31162	1
cg16633817	ROBO2;ROBO2	0.102717	0.202186	0.778377	-1.28472	0.788228	0.95114	-1.05137	0.115267	0.727166	-1.3752	0.345647	0.834675	-1.19807	0.536887	0.890168	-1.12338	0.623519	1.09642	1.09642	0.0075852	1.89451	1.89451	0.345161	1.1983	1.1983	0.713837	1.07093	1.07093	2.53171	1.3881	0.487366	1
cg01235820	SCRT2	0.102718	0.0434696	14.4834	14.4834	0.161877	5.58134	5.58134	0.522115	2.11032	2.11032	0.332733	3.15905	3.15905	0.643461	0.584747	-1.71014	0.101645	7.8692	7.8692	0.0255375	21.2148	21.2148	0.0438398	14.3958	14.3958	0.0432334	14.5399	14.5399	2.53169	53.1362	18.6564	1
cg05973772	TRIM2;TRIM2	0.102721	0.679968	1.32012	1.32012	0.0150129	7.40185	7.40185	0.168247	2.67284	2.67284	0.30649	2.03169	2.03169	0.33077	1.95799	1.95799	0.141412	2.88297	2.88297	0.456365	0.601751	-1.66182	0.0141978	7.58115	7.58115	0.201855	2.46533	2.46533	2.53166	17.9749	6.31114	1
cg02858591	TBC1D3;TBC1D3F	0.102725	0.148917	0.626408	-1.5964	0.113099	0.59388	-1.68384	0.00447354	0.318059	-3.14407	0.458903	0.796211	-1.25595	0.0455416	0.500118	-1.99953	0.334547	0.740272	-1.35086	0.409733	0.775105	-1.29015	0.153299	0.629982	-1.58735	0.849074	0.944057	-1.05926	2.53162	3.66116	1.28549	1
cg13542480	MAGED1;MAGED1;MAGED1	0.102726	0.240717	2.06903	2.06903	0.0308989	0.22307	-4.48289	0.260392	0.499115	-2.00355	0.366631	0.577505	-1.73159	0.0639069	0.291469	-3.4309	0.361864	0.574173	-1.74164	0.0134006	0.163177	-6.12831	0.544724	0.695663	-1.43748	0.350058	0.56586	-1.76722	2.53162	14.0505	4.93334	1
cg00955780	SLC2A14	0.102727	0.0570102	4.20099	4.20099	0.0789581	3.66968	3.66968	0.149601	2.8002	2.8002	0.182128	2.56979	2.56979	0.0473008	4.53849	4.53849	0.77868	1.20657	1.20657	0.0518301	4.36996	4.36996	0.0255713	5.85902	5.85902	0.0569384	4.20318	4.20318	2.5316	17.8101	6.25342	1
cg21968598	MEX3C	0.102728	0.107321	1.22999	1.22999	0.717061	0.958044	-1.04379	0.99701	1.00044	1.00044	0.0874704	0.800765	-1.24881	0.0796772	1.25743	1.25743	0.621884	0.943134	-1.06029	0.0523171	0.771115	-1.29682	0.650679	1.05515	1.05515	0.0794248	0.795085	-1.25773	2.53159	0.556136	0.19527	1
cg07216425	KRT8	0.102734	0.0972455	5.7225	5.7225	0.301421	2.79052	2.79052	0.244649	3.21095	3.21095	0.195526	3.71409	3.71409	0.32033	0.373726	-2.67576	0.707733	1.43473	1.43473	0.1041	0.182102	-5.49144	0.114361	5.18651	5.18651	0.0241039	13.1724	13.1724	2.53152	36.834	12.9334	1
cg02504690	SHANK2;SHANK2	0.102736	0.119756	0.743219	-1.3455	0.450884	1.1446	1.1446	0.793912	0.955016	-1.0471	0.535271	0.895493	-1.1167	0.0252748	0.626472	-1.59624	0.447198	0.872668	-1.14591	0.0221762	1.61947	1.61947	0.670654	0.927555	-1.0781	0.588733	1.10072	1.10072	2.53151	1.23922	0.435127	1
cg25149069	KIAA1804	0.102738	0.64447	1.13024	1.13024	0.994217	1.00191	1.00191	0.370992	0.785037	-1.27383	0.0723527	0.589596	-1.69608	0.868165	1.04474	1.04474	0.337521	1.29758	1.29758	0.00415985	0.363497	-2.75105	0.903522	0.968556	-1.03246	0.617427	0.875746	-1.14188	2.53148	2.78305	0.977223	1
cg11262906	MCOLN2	0.102739	0.14021	0.748798	-1.33547	0.686586	1.07675	1.07675	0.239845	1.25152	1.25152	0.703492	0.932664	-1.0722	0.0761305	0.697844	-1.43299	0.322227	0.829931	-1.20492	0.0190477	0.59607	-1.67766	0.161336	1.31348	1.31348	0.220563	0.790742	-1.26464	2.53147	1.33237	0.467841	1
cg24412960	OBSL1	0.10274	0.0553729	0.414084	-2.41497	0.111056	0.494209	-2.02343	0.0371549	0.374446	-2.67061	0.442284	0.72755	-1.37448	0.0170394	0.306972	-3.25762	0.0453562	0.393769	-2.53956	0.229868	0.59961	-1.66775	0.30139	0.647449	-1.54452	0.0733407	0.444554	-2.24944	2.53146	6.60848	2.32048	1
cg04287259	PIK3CD	0.102741	0.0206758	0.17729	-5.64048	0.0620287	0.2713	-3.68595	0.451737	0.621251	-1.60965	0.232001	0.459201	-2.17769	0.0155862	0.158607	-6.30487	0.200146	0.4316	-2.31696	0.0698766	0.284085	-3.52007	0.0887604	0.311732	-3.20788	0.228322	0.456102	-2.19249	2.53145	15.4548	5.42677	1
cg15832292	MANEA	0.102743	0.461714	1.14688	1.14688	0.0457445	1.52027	1.52027	0.0133285	1.752	1.752	0.717432	0.935691	-1.06873	0.35245	1.19125	1.19125	0.330116	0.832096	-1.20178	0.15132	0.754867	-1.32474	0.428879	1.15918	1.15918	0.347456	1.19355	1.19355	2.53143	1.34113	0.470928	1
cg22164250	HIPK2;HIPK2	0.102744	0.895585	1.02085	1.02085	0.0916139	0.746875	-1.33891	0.510771	0.900496	-1.1105	0.0997731	0.753207	-1.32766	0.47378	1.12128	1.12128	0.531131	0.905128	-1.10482	0.0104449	1.65952	1.65952	0.794765	1.04181	1.04181	0.411555	1.14103	1.14103	2.53142	0.989782	0.347555	1
cg03074946	PXN;PXN;PXN;PXN	0.102744	0.181348	0.502354	-1.99063	0.833245	1.10771	1.10771	0.34692	1.59986	1.59986	0.693944	1.21153	1.21153	0.0133994	0.226301	-4.4189	0.276693	1.73141	1.73141	0.203016	0.521008	-1.91936	0.107199	2.34698	2.34698	0.371799	0.640889	-1.56033	2.53142	9.4375	3.31391	1
cg16061228	SCN4B;SCN4B;SCN4B;SCN4B	0.102746	0.592485	0.707535	-1.41336	0.0778531	3.50703	3.50703	0.716336	0.79162	-1.26323	0.43754	0.602229	-1.6605	0.0837931	0.293667	-3.40521	0.285671	0.491612	-2.03413	0.082628	0.292023	-3.42439	0.0273298	0.187873	-5.32273	0.305724	1.97211	1.97211	2.5314	16.4395	5.77265	1
cg00090135	C5orf49	0.102746	0.295044	1.36771	1.36771	0.105256	0.600267	-1.66592	0.0895063	0.582843	-1.71573	0.634901	1.1479	1.1479	0.0096404	0.388803	-2.57199	0.790606	0.926133	-1.07976	0.0768537	0.56702	-1.76361	0.928984	0.974624	-1.02604	0.649525	0.876411	-1.14102	2.5314	3.33357	1.17057	1
cg08128577	IL21R;IL21R	0.102746	0.0196333	0.213507	-4.68368	0.47827	0.673767	-1.48419	0.349403	0.59001	-1.69489	0.0829387	0.349378	-2.86223	0.0620367	0.316379	-3.16076	0.0759879	0.339059	-2.94934	0.21769	0.491496	-2.03461	0.0232079	0.226204	-4.42079	0.0749248	0.337429	-2.96359	2.5314	12.0279	4.22354	1
cg05311091	KIAA0430	0.102746	0.195526	0.582428	-1.71695	0.0477771	0.409144	-2.44413	0.405058	0.714349	-1.39988	0.42841	0.726707	-1.37607	0.0223069	0.339146	-2.94859	0.0290966	0.362208	-2.76084	0.0936378	0.48286	-2.071	0.348474	1.46395	1.46395	0.277095	0.639962	-1.56259	2.5314	6.25088	2.19497	1
cg13193196	IMMP2L	0.102747	0.0912955	0.406044	-2.46279	0.0417633	0.320656	-3.11861	0.282087	0.581737	-1.71899	0.885218	1.07251	1.07251	0.209576	0.526807	-1.89823	0.852789	1.0942	1.0942	0.381261	0.647112	-1.54533	0.0242532	3.6756	3.6756	0.360707	0.634199	-1.57679	2.53139	9.41678	3.30667	1
cg19817544	CSNK1A1P	0.10275	0.0727356	0.549537	-1.81971	0.125199	0.608777	-1.64264	0.165504	0.642538	-1.55633	0.741048	0.905586	-1.10426	0.00481852	0.326802	-3.05995	0.936349	1.02417	1.02417	0.601373	1.17073	1.17073	0.217472	0.678407	-1.47404	0.65285	0.873364	-1.145	2.53136	3.58529	1.25898	1
cg21719753	C12orf73;C12orf73	0.102754	0.981737	0.994971	-1.00505	0.522204	0.866879	-1.15356	0.211132	0.748138	-1.33665	0.653769	1.10455	1.10455	0.0193146	0.536244	-1.86482	0.805809	1.05575	1.05575	0.737067	1.07704	1.07704	0.446533	0.842917	-1.18636	0.0179212	1.88442	1.88442	2.53132	1.94472	0.682903	1
cg00732432	CPLX1	0.102756	0.252734	0.616425	-1.62226	0.0157357	3.31556	3.31556	0.0976311	2.08769	2.08769	0.433808	1.38189	1.38189	0.616271	1.22707	1.22707	0.320391	1.51561	1.51561	0.22919	0.599876	-1.66701	0.200899	1.7282	1.7282	0.0743055	2.23755	2.23755	2.53129	6.57553	2.30907	1
cg26500063	MEX3A	0.102758	0.911641	1.0168	1.0168	0.533426	0.909675	-1.09929	0.11028	1.2985	1.2985	0.8891	0.979278	-1.02116	0.193553	1.22934	1.22934	0.014446	0.636099	-1.57208	0.0887555	0.754446	-1.32548	0.705117	0.944538	-1.05872	0.271625	1.18739	1.18739	2.53128	0.903037	0.317113	1
cg01277369	MIR210	0.102759	0.120339	1.3776	1.3776	0.0753409	0.686293	-1.4571	0.890817	1.02646	1.02646	0.437124	0.860096	-1.16266	0.68225	0.924722	-1.08141	0.541632	1.12465	1.12465	0.0138978	1.78214	1.78214	0.587577	0.901123	-1.10973	0.206315	0.776127	-1.28845	2.53126	1.44916	0.508895	1
cg03962217	LOC202781	0.102759	0.104196	0.342465	-2.92001	0.138949	0.382586	-2.61379	0.99531	0.996461	-1.00355	0.827868	0.876901	-1.14038	0.0621151	0.281683	-3.55008	0.238275	0.474662	-2.10676	0.0114224	0.148133	-6.75071	0.0274905	0.207445	-4.82055	0.227803	0.465945	-2.14618	2.53126	14.5886	5.12302	1
cg02302859	OSBPL5;OSBPL5;OSBPL5	0.10276	0.254059	1.47084	1.47084	0.42778	0.769295	-1.29989	0.526646	0.812349	-1.231	0.336383	1.37866	1.37866	0.106375	0.564833	-1.77043	0.55473	0.824021	-1.21356	0.00615366	0.314179	-3.1829	0.274574	0.691924	-1.44524	0.2554	0.680687	-1.4691	2.53125	4.20729	1.47745	1
cg17844121	PPP1R3A	0.102761	0.188403	0.498965	-2.00415	0.0611803	0.349098	-2.86452	0.0211342	0.250813	-3.98704	0.130492	0.442791	-2.2584	0.0715499	0.366494	-2.72856	0.0447168	0.316786	-3.15671	0.0701447	0.36424	-2.74544	0.996925	1.00192	1.00192	0.0906581	0.394598	-2.53422	2.53123	9.97583	3.5032	1
cg06319579	C17orf44	0.102762	0.682701	1.0935	1.0935	0.00894812	2.06087	2.06087	0.522096	1.15154	1.15154	0.01592	1.90038	1.90038	0.924551	0.97961	-1.02081	0.307852	1.25805	1.25805	0.27556	1.27978	1.27978	0.274528	1.28052	1.28052	0.0741271	1.5416	1.5416	2.53123	1.89618	0.66588	1
cg15835713	FAM169A	0.102763	0.176512	0.643014	-1.55518	0.601718	1.17568	1.17568	0.0792002	0.549397	-1.82018	0.482648	0.803085	-1.2452	0.00908076	0.360985	-2.7702	0.298371	0.717994	-1.39277	0.632466	0.862355	-1.15962	0.926122	1.02891	1.02891	0.0264629	0.445447	-2.24494	2.53122	3.78665	1.32976	1
ch.3.3822654R	ATP13A3	0.102764	0.0099289	0.277818	-3.59948	0.286848	0.647308	-1.54486	0.0306911	0.368495	-2.71374	0.20607	0.591831	-1.68967	0.141544	0.537048	-1.86203	0.652122	1.19538	1.19538	0.534775	0.780969	-1.28046	0.353729	1.45534	1.45534	0.611335	0.817473	-1.22328	2.5312	6.19995	2.17725	1
cg16172026	MAEA;MAEA	0.102765	0.698573	1.0774	1.0774	0.00252561	2.23286	2.23286	0.803957	0.953468	-1.0488	0.14092	1.35445	1.35445	0.151486	1.34236	1.34236	0.619026	1.1008	1.1008	0.230947	1.2722	1.2722	0.431072	1.16644	1.16644	0.66271	1.08772	1.08772	2.53119	1.47138	0.516711	1
cg07739179	NAGS;PYY;PYY	0.102767	0.098343	0.306875	-3.25865	0.0761215	0.27637	-3.61834	0.49871	0.639211	-1.56443	0.297645	0.494828	-2.0209	0.0665812	0.261735	-3.82067	0.338181	0.525525	-1.90286	0.0121389	0.130401	-7.66863	0.0402838	0.213556	-4.68261	0.0619154	0.254136	-3.9349	2.53117	17.0218	5.97768	1
cg15871229	CCDC109A	0.102769	0.0608504	0.485038	-2.06169	0.544989	0.810778	-1.23338	0.0808181	1.9405	1.9405	0.770186	0.904564	-1.1055	0.684412	0.869427	-1.15018	0.0329152	0.425586	-2.3497	0.897306	1.04521	1.04521	0.142226	1.71637	1.71637	0.210703	1.57079	1.57079	2.53116	4.70002	1.65055	1
cg17693604	TLE2	0.102769	0.261834	0.622914	-1.60536	0.0169096	0.30766	-3.25034	0.0175781	0.310742	-3.2181	0.844432	0.923598	-1.08272	0.120279	0.505729	-1.97734	0.63418	0.823713	-1.21401	0.753445	1.13595	1.13595	0.0455642	0.395532	-2.52824	0.754092	0.880624	-1.13556	2.53115	6.56072	2.30399	1
cg00680277	TTC15	0.102772	0.199129	0.802933	-1.24543	0.161495	1.27363	1.27363	0.873388	1.02613	1.02613	0.0799047	1.36938	1.36938	0.805215	1.04078	1.04078	0.36365	1.16303	1.16303	0.00705077	1.75664	1.75664	0.856261	0.971094	-1.02977	0.549641	0.906713	-1.10289	2.53113	1.04906	0.368413	1
cg00128530	RSL24D1	0.102774	0.224685	0.82995	-1.20489	0.0709875	1.34286	1.34286	0.466874	1.11427	1.11427	0.632434	0.931996	-1.07297	0.0757388	1.33495	1.33495	0.193576	0.817873	-1.22268	0.0305822	0.689816	-1.44966	0.773859	1.043	1.043	0.464567	0.896924	-1.11492	2.5311	0.856225	0.300694	1
cg11332026	C4orf48;C4orf48	0.102774	?	?	?	0.46202	1.74848	1.74848	0.594127	1.49308	1.49308	0.0127232	0.0920034	-10.8692	?	?	?	0.256905	0.412128	-2.42643	?	?	?	0.699091	1.33548	1.33548	0.147463	0.310548	-3.22011	2.79014	15.9731	6.67896	1
cg15974487	FHDC1	0.102775	0.995559	0.998165	-1.00184	0.81303	1.08133	1.08133	0.256459	0.676458	-1.47829	0.959886	1.01674	1.01674	0.00255432	0.251329	-3.97884	0.4538	0.777387	-1.28636	0.182252	0.626768	-1.59549	0.610817	1.18456	1.18456	0.965757	0.985933	-1.01427	2.53109	4.36555	1.53313	1
cg09441348	TXNRD3IT1	0.102778	0.684242	0.785264	-1.27346	0.219197	0.465828	-2.14672	0.021866	0.196617	-5.08604	0.117895	0.366451	-2.72887	0.0172783	0.180038	-5.55437	0.0445399	0.255669	-3.91131	0.0845334	0.323665	-3.08962	0.202341	0.451213	-2.21625	0.169455	0.420904	-2.37584	2.53106	14.012	4.9209	1
cg04693256	ANKRD20B	0.102779	0.0892089	0.804386	-1.24318	0.0158155	0.70938	-1.40968	0.0895744	0.804625	-1.24281	0.571872	0.935807	-1.0686	0.0695272	0.789955	-1.2659	0.967736	0.995313	-1.00471	0.141411	1.20162	1.20162	0.360399	0.896546	-1.11539	0.392894	0.903344	-1.107	2.53105	0.540726	0.1899	1
cg01591416	UBXN8	0.10278	0.465021	0.933953	-1.07072	0.0209929	0.774787	-1.29068	0.0784852	0.835603	-1.19674	0.0765825	0.834426	-1.19843	0.742829	0.970197	-1.03072	0.16552	0.872915	-1.14559	0.221473	1.12535	1.12535	0.349347	1.09257	1.09257	0.45323	1.07274	1.07274	2.53103	0.338505	0.118882	1
cg11051139	KRT80;KRT80	0.102785	0.32036	0.800694	-1.24892	0.297214	0.791401	-1.26358	0.224094	0.758456	-1.31847	0.0104672	0.497793	-2.00887	0.851679	0.96029	-1.04135	0.52285	1.15049	1.15049	0.0826363	1.51606	1.51606	0.5367	0.873342	-1.14503	0.119283	0.693531	-1.4419	2.53099	1.87847	0.659724	1
cg19076513	COPG	0.102786	0.390806	1.08656	1.08656	0.0392638	1.25257	1.25257	0.600984	0.951399	-1.05108	0.805316	0.976954	-1.02359	0.882972	0.986189	-1.014	0.0338654	1.2635	1.2635	0.0999148	0.84348	-1.18556	0.128272	0.85622	-1.16792	0.54386	0.943645	-1.05972	2.53098	0.357326	0.125494	1
cg00877037	TNXB	0.102787	0.201135	0.491009	-2.03662	0.471909	1.47039	1.47039	0.683104	0.805535	-1.24141	0.508232	0.702142	-1.42421	0.0150404	0.207106	-4.82844	0.0633996	0.332923	-3.00369	0.049599	0.307216	-3.25504	0.636969	1.28462	1.28462	0.0763121	0.353819	-2.82631	2.53096	11.1269	3.90783	1
cg02792655	GPR98;GPR98	0.102788	0.959991	0.991969	-1.0081	0.232684	1.22284	1.22284	0.01122	1.6665	1.6665	0.706519	0.941007	-1.06269	0.238619	1.21945	1.21945	0.724378	0.94468	-1.05856	0.0446375	0.690321	-1.4486	0.670537	0.933526	-1.07121	0.376608	1.15702	1.15702	2.53095	1.03574	0.363761	1
cg05296978	SEZ6;SEZ6	0.102791	0.781947	1.0319	1.0319	0.0490289	1.28962	1.28962	0.212354	1.16029	1.16029	0.520567	1.07649	1.07649	0.835126	1.02387	1.02387	0.164051	0.845301	-1.18301	0.0608626	1.27016	1.27016	0.998686	0.999814	-1.00019	0.0142451	1.40801	1.40801	2.53092	0.513476	0.180339	1
cg15249119	NCOR2;NCOR2	0.102793	0.350427	1.76866	1.76866	0.031287	4.47723	4.47723	0.0109658	6.64501	6.64501	0.746194	1.21249	1.21249	0.277628	0.511784	-1.95395	0.445061	0.630098	-1.58705	0.662282	0.770477	-1.2979	0.437843	1.59924	1.59924	0.591469	0.725102	-1.37912	2.5309	14.1095	4.95545	1
cg08620789	DNAJB6;DNAJB6	0.102793	0.258714	0.861287	-1.16105	0.0620632	1.30501	1.30501	0.304572	1.14423	1.14423	0.57446	1.07454	1.07454	0.599833	0.935117	-1.06939	0.736524	1.04372	1.04372	0.00869516	0.654599	-1.52765	0.465719	0.910217	-1.09864	0.736943	0.958179	-1.04365	2.53089	0.643665	0.226065	1
cg10082841	PIP5KL1;PIP5KL1	0.102794	0.176686	1.64463	1.64463	0.00563787	3.52028	3.52028	0.321518	1.42589	1.42589	0.215427	1.57096	1.57096	0.650264	1.17131	1.17131	0.0950814	1.88774	1.88774	0.0884588	1.91765	1.91765	0.132968	1.7534	1.7534	0.0586748	2.09561	2.09561	2.53089	4.8103	1.68945	1
cg11486694	PRKG1;PRKG1	0.102795	0.601964	0.806736	-1.23956	0.398573	1.42292	1.42292	0.246434	0.609783	-1.63993	0.818782	1.09818	1.09818	0.0103203	0.267452	-3.73899	0.222017	1.6884	1.6884	0.261033	1.61345	1.61345	0.0997007	2.08821	2.08821	0.988102	0.993933	-1.0061	2.53087	6.67574	2.34464	1
ch.7.1667959R	MDH2	0.102796	0.059979	0.819816	-1.21979	0.0381707	0.798551	-1.25227	0.0432084	0.804331	-1.24327	0.0477062	0.808975	-1.23613	0.0675466	0.825511	-1.21137	0.760567	0.971789	-1.02903	0.350362	1.09417	1.09417	0.438708	0.928719	-1.07675	0.755977	0.971236	-1.02962	2.53086	0.351355	0.123403	1
cg05468303	DGCR6	0.1028	0.0915007	3.10536	3.10536	0.147751	2.57796	2.57796	0.159278	2.50231	2.50231	0.13122	2.70106	2.70106	0.185742	2.35274	2.35274	0.0277311	4.88704	4.88704	0.0103779	7.15868	7.15868	0.102547	2.97229	2.97229	0.149449	2.56634	2.56634	2.53082	14.9036	5.23452	1
cg23205874	RGS19;OPRL1;OPRL1;RGS19;OPRL1;OPRL1	0.102803	0.674422	1.11669	1.11669	0.780933	0.929759	-1.07555	0.266458	1.35319	1.35319	0.373546	0.78771	-1.2695	0.179189	0.688839	-1.45172	0.385891	0.792778	-1.26139	0.00801269	0.411637	-2.42932	0.0365372	0.530052	-1.88661	0.454154	0.819404	-1.2204	2.53079	2.7353	0.960718	1
cg10104683	SDC1;SDC1	0.102803	0.892045	1.06608	1.06608	0.803515	0.889159	-1.12466	0.749743	1.16278	1.16278	0.283609	0.591567	-1.69043	0.998281	1.00102	1.00102	0.732296	1.17564	1.17564	0.605581	1.27824	1.27824	0.278349	1.70099	1.70099	0.00294451	0.145985	-6.85004	2.53079	8.90161	3.12651	1
cg25325949	HAPLN1	0.102805	0.202129	2.01816	2.01816	0.0244905	0.247282	-4.04396	0.331837	0.593328	-1.68541	0.489792	0.693649	-1.44165	0.61592	1.30175	1.30175	0.223307	1.94865	1.94865	0.313146	0.580452	-1.72279	0.171437	2.13648	2.13648	0.081346	2.73836	2.73836	2.53076	10.8962	3.8271	1
cg01277910	CCDC88C	0.102806	0.251983	0.763263	-1.31017	0.0273028	1.80324	1.80324	0.492296	1.17051	1.17051	0.0192798	0.527823	-1.89457	0.806188	1.05706	1.05706	0.861771	0.96142	-1.04013	0.697282	0.915535	-1.09226	0.132651	0.693299	-1.44238	0.948957	1.01456	1.01456	2.53076	2.04267	0.717455	1
cg18715243	GPR124	0.102809	0.83687	1.07284	1.07284	0.0182883	0.376553	-2.65567	0.218779	0.643333	-1.5544	0.577059	1.21183	1.21183	0.838709	0.932857	-1.07198	0.0241263	0.399681	-2.502	0.090638	0.529537	-1.88844	0.650891	0.85611	-1.16807	0.291837	1.45207	1.45207	2.53073	4.66137	1.63725	1
cg00772192	ABCA13	0.102809	0.152046	0.449131	-2.22652	0.243905	0.529411	-1.88889	0.0541916	0.319869	-3.12628	0.68226	0.806767	-1.23951	0.0766764	0.35803	-2.79306	0.104281	0.395986	-2.52534	0.020892	0.234551	-4.26346	0.814384	1.13053	1.13053	0.0258965	0.251666	-3.97352	2.53072	10.9068	3.83088	1
cg01773185	VSX2	0.10281	0.0834207	0.664251	-1.50546	0.503082	1.15613	1.15613	0.898749	1.02755	1.02755	0.475696	0.856555	-1.16747	0.142108	0.713963	-1.40063	0.718479	0.925627	-1.08035	0.0101632	1.99776	1.99776	0.246123	0.771865	-1.29556	0.610889	0.896242	-1.11577	2.53072	1.82669	0.641607	1
cg26057754	RGL1	0.102811	0.838918	0.967971	-1.03309	0.331215	1.17391	1.17391	0.424535	1.13933	1.13933	0.0578409	1.40916	1.40916	0.845144	0.969209	-1.03177	0.310214	1.18286	1.18286	0.00755497	0.577145	-1.73267	0.952433	1.00959	1.00959	0.717082	1.05993	1.05993	2.5307	1.02523	0.360105	1
cg04253037	DDX56	0.102813	0.0495083	0.193722	-5.16205	0.0299984	0.154193	-6.48537	0.287268	0.44522	-2.24608	0.692584	1.33777	1.33777	0.0410174	0.177835	-5.62319	0.141676	0.314351	-3.18115	0.0392856	0.174378	-5.73468	0.228516	0.396307	-2.5233	0.0948331	0.260689	-3.83599	2.53068	21.4963	7.55046	1
cg10227731	ZNF16;ZNF16	0.102814	0.181179	1.31387	1.31387	0.83466	0.960605	-1.04101	0.0241833	1.67672	1.67672	0.507505	0.878717	-1.13802	0.0482912	1.54333	1.54333	0.232818	1.27199	1.27199	0.165204	1.32931	1.32931	0.773938	0.946127	-1.05694	0.124373	0.726185	-1.37706	2.53068	1.48207	0.52057	1
cg14037036	PIGV	0.102814	0.634021	0.796575	-1.25538	0.0453535	2.97012	2.97012	0.258238	0.571543	-1.74965	0.701393	0.833019	-1.20045	0.0819449	0.40091	-2.49433	0.320812	1.6265	1.6265	0.321841	0.615496	-1.62471	0.0311744	3.31742	3.31742	0.857608	0.91836	-1.0889	2.53068	9.01295	3.16576	1
cg07040161	PRMT2;PRMT2	0.102814	0.771093	0.820889	-1.21819	0.937323	0.948185	-1.05465	0.340523	0.514522	-1.94355	0.36697	1.87197	1.87197	0.0124654	0.122041	-8.19398	0.576726	0.682842	-1.46447	0.0649826	0.246131	-4.06287	0.858712	0.886435	-1.12811	0.0213804	0.154009	-6.49315	2.53067	18.3442	6.44333	1
cg25397054	GNA12	0.102815	0.233114	1.45206	1.45206	0.62552	1.15805	1.15805	0.259327	0.703941	-1.42057	0.760918	0.912977	-1.09532	0.00974736	0.377116	-2.6517	0.834444	0.939472	-1.06443	0.118859	1.657	1.657	0.28112	1.39682	1.39682	0.281483	0.716109	-1.39644	2.53067	3.56712	1.25294	1
cg14990430	ZBED4	0.102815	0.38383	0.864254	-1.15707	0.857207	1.02986	1.02986	0.282051	0.833073	-1.20038	0.490553	0.891892	-1.12121	0.202068	0.802472	-1.24615	0.012012	0.59938	-1.66839	0.0549634	1.42696	1.42696	0.729658	0.944899	-1.05831	0.121779	0.760309	-1.31526	2.53066	1.06978	0.375759	1
cg24375690	BSPH1	0.102816	0.775475	1.03773	1.03773	0.00785078	0.642854	-1.55556	0.0730375	0.771852	-1.29559	0.518127	1.08856	1.08856	0.140948	1.22765	1.22765	0.832768	0.972985	-1.02777	0.469787	1.09993	1.09993	0.453783	0.905889	-1.10389	0.936182	0.989681	-1.01043	2.53065	0.672375	0.236171	1
cg19939555	CRTC2	0.102818	0.93866	1.059	1.059	0.856995	1.14384	1.14384	0.815022	0.83975	-1.19083	0.653316	1.40147	1.40147	0.707118	1.32522	1.32522	?	?	?	0.708435	1.32344	1.32344	?	?	?	0.00528225	0.0474385	-21.0799	2.97185	19.3384	5.57761	1
cg13910527	CROCCL1	0.102819	0.38354	0.830341	-1.20432	0.562152	0.885199	-1.12969	0.181253	0.744296	-1.34355	0.925699	1.0196	1.0196	0.00342397	0.437172	-2.28743	0.527921	0.875413	-1.14232	0.255585	1.28011	1.28011	0.48372	0.862355	-1.15962	0.209055	0.759185	-1.3172	2.53062	1.73515	0.609478	1
cg00561081	ZNF23	0.10282	0.940358	1.04357	1.04357	0.0205981	0.204038	-4.90104	0.564986	0.717804	-1.39314	0.179572	0.44377	-2.25342	0.0198874	0.201475	-4.96339	0.0615963	0.301187	-3.32019	0.101121	0.35943	-2.78218	0.948451	1.03754	1.03754	0.105404	0.364841	-2.74092	2.53061	13.0195	4.57316	1
cg08725455	GPR173	0.102824	0.22726	0.514193	-1.9448	0.0424	0.293303	-3.40945	0.472206	0.681331	-1.46771	0.894883	0.932984	-1.07183	0.0630971	0.33388	-2.99509	0.0267942	0.252429	-3.96151	0.476272	1.46239	1.46239	0.546373	1.37758	1.37758	0.200598	2.03271	2.03271	2.53057	11.0357	3.87641	1
cg23262325	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.102824	0.928211	0.975575	-1.02504	0.0118287	2.36906	2.36906	0.0149912	2.27202	2.27202	0.432273	1.24599	1.24599	0.740543	0.912844	-1.09548	0.915209	1.02966	1.02966	0.442174	0.806506	-1.23992	0.401281	1.26586	1.26586	0.548676	0.846594	-1.1812	2.53056	3.01808	1.06014	1
cg24458300	TOLLIP	0.102825	0.557039	1.37633	1.37633	0.026179	4.13194	4.13194	0.0160846	4.8754	4.8754	0.638319	1.28998	1.28998	0.065889	0.32962	-3.03379	0.71247	1.22028	1.22028	0.460084	1.49854	1.49854	0.489679	1.4585	1.4585	0.642376	1.28597	1.28597	2.53056	11.5924	4.07197	1
cg00455386	RAB19	0.102826	0.311702	1.38618	1.38618	0.0225179	0.426301	-2.34576	0.107503	0.578054	-1.72994	0.0183034	0.409241	-2.44355	0.0723704	0.534927	-1.86941	0.861027	0.946793	-1.0562	0.740199	0.901379	-1.10941	0.400983	0.764732	-1.30765	0.667871	0.873994	-1.14417	2.53054	3.90179	1.37056	1
cg21461837	TMED1	0.102826	0.146748	0.798452	-1.25242	0.461441	0.89731	-1.11444	0.875623	1.02289	1.02289	0.316489	0.860998	-1.16144	0.933309	0.987977	-1.01217	0.454989	0.895854	-1.11625	0.0595704	0.73544	-1.35973	0.0746624	1.33237	1.33237	0.0323864	1.43624	1.43624	2.53054	0.837058	0.294029	1
cg25157472	IQSEC1;IQSEC1	0.102827	0.126536	0.504117	-1.98367	0.0164819	0.296931	-3.36779	0.335151	0.662399	-1.50966	0.991971	1.00418	1.00418	0.053881	0.403736	-2.47687	0.174523	0.549621	-1.81943	0.134576	0.51244	-1.95145	0.016911	0.298951	-3.34503	0.589808	0.798077	-1.25301	2.53054	6.88281	2.41769	1
cg14128641	HAPLN4	0.102827	0.0286577	3.89704	3.89704	0.0662165	2.96162	2.96162	0.513283	1.41814	1.41814	0.246369	1.89417	1.89417	0.383115	1.60204	1.60204	0.823324	0.888844	-1.12506	0.815118	1.13136	1.13136	0.00702443	6.27446	6.27446	0.22342	1.96216	1.96216	2.53053	11.128	3.90888	1
cg15928446	PRR14	0.102828	0.656351	1.09786	1.09786	0.00409441	2.23237	2.23237	0.393341	1.19996	1.19996	0.806056	0.95001	-1.05262	0.481275	0.861363	-1.16095	0.290554	0.79559	-1.25693	0.449386	0.851544	-1.17434	0.65239	1.09914	1.09914	0.199801	1.32629	1.32629	2.53053	1.74194	0.611885	1
cg05920909	LHX9;LHX9	0.102828	0.24742	2.3088	2.3088	0.111343	0.301199	-3.32007	0.269882	0.451615	-2.21428	0.0163528	0.131233	-7.62001	0.76111	1.23488	1.23488	0.0241138	0.155537	-6.42935	0.55409	0.660947	-1.51298	0.763336	1.23237	1.23237	0.385499	0.540335	-1.8507	2.53052	19.186	6.73941	1
cg17696109	DCTPP1	0.102829	0.0340498	1.40972	1.40972	0.991079	0.998449	-1.00155	0.82072	1.03201	1.03201	0.0110114	1.55694	1.55694	0.863443	0.976387	-1.02418	0.37852	1.13362	1.13362	0.194848	0.826671	-1.20967	0.492637	1.10156	1.10156	0.114054	1.2695	1.2695	2.53052	0.772232	0.27126	1
cg01679081	ELOVL7;ELOVL7	0.102829	0.810213	1.06938	1.06938	0.370749	1.29207	1.29207	0.0183395	2.22106	2.22106	0.328732	1.32451	1.32451	0.24748	0.713829	-1.4009	0.965168	0.987899	-1.01225	0.636241	0.875617	-1.14205	0.0117941	2.40318	2.40318	0.769397	1.08541	1.08541	2.53051	3.11518	1.09427	1
cg09486367	CA10;CA10;CA10	0.102834	0.726798	0.935664	-1.06876	0.0124655	1.80296	1.80296	0.274444	1.24058	1.24058	0.286342	0.81066	-1.23356	0.936348	0.984972	-1.01526	0.833832	0.960956	-1.04063	0.0325596	1.60686	1.60686	0.495562	1.14018	1.14018	0.271941	0.805089	-1.2421	2.53046	1.44041	0.505981	1
cg21413754	TRIM27	0.102834	?	?	?	0.0801081	2.23663	2.23663	?	?	?	0.874679	0.93666	-1.06762	0.913381	0.955893	-1.04614	?	?	?	0.0443039	0.383756	-2.60582	0.13052	1.96795	1.96795	0.189228	1.77995	1.77995	2.63442	4.78085	2.41968	1
cg09447834	C16orf90	0.10284	0.482702	0.865293	-1.15568	0.0684021	0.661155	-1.5125	0.18934	0.754296	-1.32574	0.527206	0.878165	-1.13874	0.0832123	0.677772	-1.47542	0.805347	0.95116	-1.05135	0.00673433	0.490404	-2.03913	0.517237	0.875326	-1.14243	0.278186	1.25694	1.25694	2.5304	1.64826	0.579007	1
cg07497933	RANBP17	0.10284	0.189076	0.658607	-1.51836	0.991272	1.00329	1.00329	0.298848	1.38158	1.38158	0.445871	1.2627	1.2627	0.0661536	1.85646	1.85646	0.198383	1.50383	1.50383	0.863097	1.05317	1.05317	0.0313665	0.468636	-2.13385	0.108912	0.591672	-1.69013	2.53039	3.61093	1.26846	1
cg05036846	GRHL3;GRHL3;GRHL3	0.102841	0.274134	0.644488	-1.55162	0.232856	0.616965	-1.62084	0.232908	0.617002	-1.62074	0.248088	0.627421	-1.59383	0.121624	0.523177	-1.9114	0.203799	0.595843	-1.6783	0.115574	0.516651	-1.93554	0.0908207	0.487146	-2.05277	0.0282411	2.71846	2.71846	2.53038	5.97252	2.09807	1
cg20296493	FAM83A;FAM83A	0.102842	0.0584193	2.45743	2.45743	0.0836538	2.23667	2.23667	0.65653	1.20706	1.20706	0.483233	0.741116	-1.34932	0.0120336	0.267982	-3.7316	0.990869	1.00482	1.00482	0.497144	1.33623	1.33623	0.656871	1.20682	1.20682	0.81493	1.10361	1.10361	2.53038	7.08485	2.48882	1
cg19445205	ATG4B;ATG4B	0.102843	0.243708	1.32296	1.32296	0.091576	0.652942	-1.53153	0.0239688	0.539029	-1.85519	0.26964	0.768155	-1.30182	0.327917	0.793175	-1.26076	0.100581	0.661853	-1.51091	0.102174	1.50747	1.50747	0.950569	1.01433	1.01433	0.864889	0.961677	-1.03985	2.53036	2.10988	0.741178	1
cg05376982	GSTM5	0.102843	0.210814	2.79223	2.79223	0.125992	3.63052	3.63052	0.0867609	4.3634	4.3634	0.56178	1.57913	1.57913	0.0417268	6.2224	6.2224	0.0727094	4.75555	4.75555	0.0097766	12.7343	12.7343	0.127579	3.60794	3.60794	0.11429	3.81062	3.81062	2.53036	24.3071	8.53884	1
cg27433982	ZFY;ZFY;ZFY	0.102843	0.229976	0.276394	-3.61802	0.363969	2.58426	2.58426	0.0308747	0.0716973	-13.9475	0.617333	0.599806	-1.66721	0.505269	1.98705	1.98705	0.0111734	0.0353605	-28.2801	0.756253	1.37124	1.37124	0.864194	1.18949	1.18949	0.498067	2.01116	2.01116	2.68965	42.8326	12.3861	1
cg04994795	SLC45A1	0.102844	0.766266	0.85125	-1.17474	0.424411	1.55383	1.55383	0.288492	0.551397	-1.81358	0.340524	0.58822	-1.70004	0.0041431	0.125355	-7.97733	0.479908	0.678428	-1.474	0.0473982	0.293638	-3.40555	0.61277	0.759018	-1.31749	0.297695	0.558093	-1.79182	2.53036	11.6965	4.10887	1
cg08742833	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.10285	0.305162	1.29598	1.29598	0.0281057	0.530855	-1.88375	0.833038	1.0529	1.0529	0.0131009	0.47174	-2.11981	0.462233	0.832991	-1.20049	0.620364	0.88522	-1.12966	0.662329	1.11326	1.11326	0.338389	0.78587	-1.27247	0.269362	1.32427	1.32427	2.53029	2.38918	0.839317	1
cg06053173	SLC25A36;SLC25A36	0.102851	0.0158224	0.555841	-1.79908	0.380619	1.19562	1.19562	0.38005	0.8362	-1.19589	0.0838924	0.683864	-1.46228	0.216935	1.29446	1.29446	0.0539559	0.647502	-1.5444	0.80371	1.05072	1.05072	0.653025	1.09407	1.09407	0.759903	0.940921	-1.06279	2.53027	1.58161	0.555621	1
cg23230830	LOC646627	0.102851	0.0917081	0.237948	-4.20259	0.153198	0.306474	-3.26292	0.133624	0.286241	-3.49356	0.101075	0.249491	-4.00816	0.0680408	0.205965	-4.8552	0.0188732	0.110916	-9.0158	0.16141	0.314644	-3.1782	0.564324	0.637264	-1.56921	0.0187037	0.110427	-9.05573	2.53027	23.9569	8.41611	1
cg13423666	MCF2L;MCF2L	0.102852	0.232074	1.4158	1.4158	0.0137854	2.32696	2.32696	0.0143059	2.31167	2.31167	0.229089	1.41927	1.41927	0.157079	1.52168	1.52168	0.967973	0.988923	-1.0112	0.0765812	1.72714	1.72714	0.990337	1.00337	1.00337	0.364982	1.29465	1.29465	2.53027	3.08421	1.08349	1
cg19637159	BEX5;BEX5	0.102852	0.0189086	0.0528685	-18.9149	0.0796595	0.133775	-7.47525	0.477843	2.10916	2.10916	0.103739	6.29604	6.29604	0.655111	0.628172	-1.59192	?	?	?	0.733355	0.70214	-1.42422	0.22412	3.74595	3.74595	0.922555	0.904331	-1.10579	2.55757	38.5069	15.056	1
cg20968439	TRAF3;TRAF3;TRAF3	0.102854	0.818089	0.939198	-1.06474	0.027835	0.492726	-2.02953	0.0447531	0.534036	-1.87253	0.0410167	0.52622	-1.90035	0.0985236	0.610617	-1.63769	0.766134	0.921996	-1.0846	0.203173	1.44159	1.44159	0.200531	0.692025	-1.44503	0.536572	0.843336	-1.18577	2.53024	2.97076	1.04365	1
cg02455501	XRCC1	0.102855	0.969434	0.993548	-1.00649	0.222618	0.805338	-1.24171	0.350921	1.17607	1.17607	0.529357	1.11364	1.11364	0.0471931	0.6814	-1.46757	0.19048	1.26388	1.26388	0.658162	0.927542	-1.07812	0.024992	0.637295	-1.56913	0.166948	1.28261	1.28261	2.53024	1.14345	0.401701	1
cg11832804	TERT;TERT	0.102855	0.361882	1.33873	1.33873	0.0581282	1.94754	1.94754	0.208373	0.661773	-1.51109	0.330485	0.731575	-1.36691	0.0142616	0.390317	-2.56202	0.27445	0.701913	-1.42468	0.815435	0.929806	-1.07549	0.196732	0.653884	-1.52932	0.493484	0.805367	-1.24167	2.53024	3.88241	1.36392	1
cg03482883	MAPK8IP3;MAPK8IP3	0.102857	0.302335	0.775653	-1.28924	0.00806098	2.24099	2.24099	0.724217	1.08788	1.08788	0.949924	1.01504	1.01504	0.700898	0.91232	-1.09611	0.809345	0.94415	-1.05915	0.0534754	1.68453	1.68453	0.13755	1.46263	1.46263	0.520909	0.856664	-1.16732	2.53021	2.26533	0.795833	1
cg12076012	ZFYVE1	0.102858	0.166916	1.54344	1.54344	0.0103546	2.58877	2.58877	0.48486	1.23252	1.23252	0.35375	1.32448	1.32448	0.175887	1.52788	1.52788	0.143483	0.629386	-1.58885	0.809744	1.07363	1.07363	0.681038	0.885383	-1.12945	0.212951	0.679542	-1.47158	2.5302	3.47634	1.22128	1
cg04256466	PALLD;PALLD;PALLD;PALLD	0.102858	0.0724608	0.457171	-2.18736	0.74363	0.879716	-1.13673	0.431846	0.731052	-1.36789	0.0953553	0.488932	-2.04527	0.0699165	0.45321	-2.20649	0.71674	1.15291	1.15291	0.0100163	0.280952	-3.55932	0.105162	0.500873	-1.99651	0.671511	1.18125	1.18125	2.5302	6.11084	2.14681	1
cg13320138	PLEKHG6;PLEKHG6	0.102858	0.493964	1.98821	1.98821	0.193218	3.90489	3.90489	0.0500205	9.12511	9.12511	0.381195	2.43178	2.43178	0.462032	0.476751	-2.09753	0.305343	2.85799	2.85799	0.664195	1.54057	1.54057	0.013565	20.5359	20.5359	0.0220404	15.1326	15.1326	2.5302	39.2244	13.78	1
cg06404175	OXT	0.102861	0.0297103	31.1877	31.1877	0.0513237	19.7456	19.7456	0.173315	7.01319	7.01319	0.36055	3.53833	3.53833	0.2621	4.81646	4.81646	0.204662	6.0454	6.0454	0.0570878	18.0664	18.0664	0.0271904	33.5995	33.5995	0.0350017	27.1847	27.1847	2.53017	72.4233	25.4434	1
cg04770751	STXBP2;STXBP2	0.102861	0.0166466	0.175964	-5.68299	0.259883	0.497371	-2.01057	0.0528592	0.270443	-3.69764	0.202988	0.449943	-2.22251	0.733854	0.816436	-1.22484	0.1604	0.410178	-2.43796	0.0913231	3.01932	3.01932	0.440709	0.626728	-1.59559	0.272731	0.507439	-1.97068	2.53017	14.1514	4.97161	1
cg05589691	A2ML1	0.102862	0.0850279	0.334321	-2.99114	0.672451	1.2772	1.2772	0.625382	0.753443	-1.32724	0.247517	0.498761	-2.00497	0.0135878	0.172582	-5.79436	0.214952	0.471875	-2.1192	0.0128015	0.168814	-5.92366	0.440272	0.635832	-1.57274	0.275431	0.520583	-1.92092	2.53016	13.2649	4.66019	1
cg06910087	CPT2	0.102865	0.635294	0.912314	-1.09611	0.639116	0.913273	-1.09496	0.0184281	0.577423	-1.73183	0.0598783	0.665116	-1.5035	0.0362891	0.626535	-1.59608	0.166675	0.753354	-1.3274	0.0808251	0.68944	-1.45045	0.886095	1.02791	1.02791	0.0516658	0.653511	-1.5302	2.53012	1.47838	0.519389	1
cg03074872	ELMO2;ELMO2	0.102866	0.602327	0.910314	-1.09852	0.589804	0.907297	-1.10217	0.727808	0.939456	-1.06445	0.989095	0.99756	-1.00245	0.00421699	0.504156	-1.98351	0.913115	1.0197	1.0197	0.514838	1.1253	1.1253	0.200876	1.27312	1.27312	0.205392	1.26973	1.26973	2.53011	1.28024	0.449778	1
cg27648270	MIR199A1;DNM2;DNM2;DNM2;DNM2	0.102871	0.914485	1.02797	1.02797	0.0275847	0.512198	-1.95237	0.232623	0.725105	-1.37911	0.623726	0.880754	-1.13539	0.539265	1.17307	1.17307	0.143434	1.49744	1.49744	0.0408345	1.83358	1.83358	0.352881	1.27825	1.27825	0.273705	0.746385	-1.33979	2.53007	2.64263	0.928437	1
cg07283152	LMO1;LMO1	0.102873	0.322241	0.805673	-1.2412	0.0941163	1.47541	1.47541	0.734763	1.0745	1.0745	0.433489	1.18399	1.18399	0.204578	1.32695	1.32695	0.145527	1.39132	1.39132	0.0122267	0.517041	-1.93408	0.678991	0.915818	-1.09192	0.83988	1.04368	1.04368	2.53004	1.78925	0.628627	1
cg14225844	MAD2L1BP;MAD2L1BP	0.102874	0.0134232	1.34872	1.34872	0.529622	1.0642	1.0642	0.61662	0.951873	-1.05056	0.170398	0.867042	-1.15335	0.614624	0.951602	-1.05086	0.992036	1.00098	1.00098	0.0483795	0.802196	-1.24658	0.980054	1.00245	1.00245	0.175933	0.868825	-1.15098	2.53003	0.382613	0.134425	1
cg15318546	FBRSL1	0.102875	0.0652321	0.363073	-2.75427	0.186757	1.98386	1.98386	0.59905	1.29654	1.29654	0.604954	1.29102	1.29102	0.0371781	0.306008	-3.26789	0.0789421	0.384846	-2.59844	0.0455004	0.325398	-3.07316	0.675078	0.813535	-1.2292	0.72814	0.842979	-1.18627	2.53002	9.60084	3.37313	1
cg06335597	ZNF467	0.102877	0.9556	0.973004	-1.02775	0.106943	2.37513	2.37513	0.75237	0.855915	-1.16834	0.397138	0.653	-1.53139	0.259742	1.78224	1.78224	0.161601	2.08489	2.08489	0.0846332	2.55353	2.55353	0.0360339	3.31561	3.31561	0.0188941	4.04547	4.04547	2.53	9.68099	3.40132	1
cg16507354	PANK2;PANK2;PANK2	0.102878	0.728077	1.25312	1.25312	0.00444011	0.085961	-11.6332	0.551121	1.47674	1.47674	0.118171	0.333984	-2.99415	0.937241	0.950369	-1.05222	0.420272	1.70281	1.70281	0.653124	0.74644	-1.33969	0.327068	1.92325	1.92325	0.804413	1.17397	1.17397	2.52999	16.7437	5.88277	1
cg12258785	THRB;THRB;THRB	0.102879	0.0663449	9.62705	9.62705	0.146361	5.55444	5.55444	0.402734	2.56432	2.56432	0.103653	7.07884	7.07884	0.737349	0.690636	-1.44794	0.516599	0.485203	-2.06099	0.83195	0.791611	-1.26325	0.0112709	32.811	32.811	0.0809943	8.3952	8.3952	2.52998	48.4571	17.025	1
cg25983070	INTS1	0.10288	0.780073	1.15349	1.15349	0.443017	0.670999	-1.49031	0.236576	0.531192	-1.88256	0.0257007	0.258826	-3.8636	0.186429	0.48943	-2.04319	0.0261211	0.260172	-3.84361	0.419026	1.52382	1.52382	0.492791	0.700935	-1.42667	0.14616	2.21626	2.21626	2.52996	10.4271	3.66349	1
cg03257916	PFKL;PFKL	0.102881	0.100158	0.52176	-1.91659	0.877012	0.945605	-1.05752	0.340514	1.42581	1.42581	0.714834	0.875882	-1.14171	0.00626999	0.276332	-3.61884	0.0664766	0.475565	-2.10276	0.745742	1.12468	1.12468	0.924299	1.03492	1.03492	0.812797	1.08946	1.08946	2.52996	5.22602	1.83614	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)
cg22594416	BRD1	0.102885	0.612254	0.7716	-1.29601	0.208163	1.96043	1.96043	0.207372
cg02637105	ZYX;ZYX	0.102886	0.165966	1.81264	1.81264	0.105993	0.491231	-2.0357	0.233203
cg21549457	IER3IP1;IER3IP1	0.102888	0.570124	1.09605	1.09605	0.00446383	1.83321	1.83321	0.681859
cg07114894	ZNF23;ZNF23	0.102889	0.0441533	0.69343	-1.44211	0.403118	0.873309	-1.14507	0.123925
cg03948682	RPP21;RPP21	0.102889	0.0197719	0.530025	-1.8867	0.0349718	1.74058	1.74058	0.246248
cg13432154	PRMT3;PRMT3;PRMT3	0.102889	0.56684	1.18101	1.18101	0.675096	1.1288	1.1288	0.0167258
cg21848066	LARS2	0.102891	0.410541	1.18015	1.18015	0.0636329	0.663366	-1.50746	0.400198
cg06733608	DAP	0.102892	0.332169	1.24924	1.24924	0.029862	0.566391	-1.76557	0.0538089
cg07278332	PEG10;PEG10	0.102895	0.945702	1.01337	1.01337	0.0782148	0.682831	-1.46449	0.170844
cg10643928	DHX37	0.102898	0.988383	0.997372	-1.00264	0.851108	0.966604	-1.03455	0.429158
cg20056324	NEUROD4	0.102899	0.496662	0.705253	-1.41793	0.032045	0.280604	-3.56374	0.4367
cg20827960	NTM;NTM;NTM;NTM	0.102899	0.442756	0.601323	-1.663	0.00236446	0.0635502	-15.7356	0.0589395
cg10007927	ATF6B;ATF6B	0.102899	0.0705388	0.623912	-1.60279	0.0416033	0.577909	-1.73038	0.59358
cg19720937	SLC25A23	0.102902	0.958489	1.01181	1.01181	0.741396	0.928042	-1.07754	0.342165
cg09026568	TRABD	0.102903	0.0116494	0.417596	-2.39466	0.0630057	0.560318	-1.7847	0.325879
cg14688342	EGFR;EGFR;EGFR;EGFR	0.102904	0.196834	0.803377	-1.24475	0.875989	1.02537	1.02537	0.636519
cg01684175	FOXO1	0.102905	0.0680068	3.4634	3.4634	0.483	1.54237	1.54237	0.663133
cg09503196	ZNF614	0.102905	0.0948784	0.839367	-1.19137	0.358892	0.91393	-1.09418	0.822781
cg13732589	BARHL1	0.102906	?	?	?	0.14095	1.84042	1.84042	0.274347
cg24156613	BCOR;BCOR;BCOR;BCOR	0.102906	0.121027	0.384948	-2.59775	0.248921	0.504444	-1.98238	0.123596
cg04657461	CENPT;THAP11	0.102907	0.0615517	0.55032	-1.81713	0.220917	1.44045	1.44045	0.364476
cg24845324	THAP5;DNAJB9;THAP5	0.102909	0.492431	1.3653	1.3653	0.119787	0.466907	-2.14175	0.0044397
cg15825793	LUC7L2	0.102912	0.769978	1.06925	1.06925	0.0414816	0.584546	-1.71073	0.275575
cg14386951	NRN1	0.102914	0.20272	0.363082	-2.7542	0.253786	0.407453	-2.45427	0.59928
cg00962459	PROKR1	0.102916	0.405639	0.796972	-1.25475	0.0411872	1.87438	1.87438	0.139262
cg23921838	C6orf97	0.102918	0.0242838	0.361052	-2.76969	0.274985	0.649917	-1.53866	0.0356685
cg08468991	CLCC1;CLCC1;CLCC1;CLCC1	0.10292	0.129831	0.659905	-1.51537	0.686956	0.902211	-1.10839	0.701301
cg02058552	NET1;NET1	0.102927	0.141848	1.21542	1.21542	0.187606	1.18826	1.18826	0.476229
cg10398408	NCDN;NCDN;NCDN;KIAA0319L;NCDN;NCDN;NCDN	0.10293	0.0570628	1.45447	1.45447	0.903668	0.979152	-1.02129	0.324903
cg22765117	GMPPA;GMPPA	0.102932	0.0181148	0.575762	-1.73683	0.100354	0.707331	-1.41377	0.222665
cg15077193	PTBP1;PTBP1;PTBP1;PTBP1	0.102933	0.47232	1.71432	1.71432	0.689567	1.34454	1.34454	0.0175173
cg23134520	ACOT8;ZSWIM3	0.102933	0.645881	0.908288	-1.10097	0.719358	1.0779	1.0779	0.0844687
cg17741572	CFB	0.102934	0.103115	0.329618	-3.03381	0.492573	0.648034	-1.54313	0.107531
cg10372548	SFRS7	0.102936	0.344557	0.81395	-1.22858	0.876479	1.03344	1.03344	0.505879
cg11679069	DNAJC15	0.102937	0.109541	0.592348	-1.6882	0.0734972	1.82016	1.82016	0.626641
cg01137955	CASKIN1	0.102938	0.0760709	18.5602	18.5602	0.148601	9.90089	9.90089	0.0903004
cg20832722	RFTN2	0.102939	0.0715372	0.677765	-1.47544	0.113285	1.39529	1.39529	0.0423514
cg09487167	MAPK1IP1L	0.102941	0.377866	0.858245	-1.16517	0.268571	1.21493	1.21493	0.410361
cg11149768	SMOX;SMOX;SMOX;SMOX	0.102943	0.906719	1.01722	1.01722	0.165431	1.24049	1.24049	0.10554
cg23571857	XAF1;XAF1	0.102946	0.00547214	0.264458	-3.78132	0.431227	1.33975	1.33975	0.744683
cg05646373	HIST1H2BB;HIST1H3C	0.102946	0.901438	0.864144	-1.15721	0.522399	2.14694	2.14694	0.0707107
cg07048094	PTPRN2;PTPRN2;PTPRN2	0.102949	0.0913053	0.20517	-4.87401	0.0175569	0.0853123	-11.7216	0.227906
cg18759725	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.102952	0.813942	1.02548	1.02548	0.67209	1.04652	1.04652	0.486174
cg10206987	E2F6;E2F6;E2F6;E2F6;E2F6	0.102953	0.431725	0.766643	-1.30439	0.35199	0.728195	-1.37326	0.133312
cg14582929	SLC1A4;SLC1A4;SLC1A4	0.102953	0.468491	0.900328	-1.11071	0.766588	0.95851	-1.04329	0.252738
cg25329296	C4orf21	0.102955	0.443198	0.855308	-1.16917	0.0331465	0.607808	-1.64526	0.795629
cg12206403	TNXB	0.102956	0.0924234	0.648164	-1.54282	0.654305	1.1113	1.1113	0.332717
cg06426027	VPS52	0.102957	0.56269	0.737902	-1.35519	0.270498	0.551093	-1.81458	0.356697
cg23917249	RASA1;RASA1	0.102957	0.590846	1.18554	1.18554	0.0532924	0.50233	-1.99072	0.91432
cg08506306	MBD3	0.102959	0.757574	1.07323	1.07323	0.00851654	2.15209	2.15209	0.926932
cg21690645	SLC7A1	0.102963	0.246782	1.55269	1.55269	0.0133634	3.04424	3.04424	0.0134587
cg06520279	LOXHD1	0.102966	0.788018	0.967883	-1.03318	0.174546	1.19116	1.19116	0.0249906
cg16944597	FAM131A;FAM131A;FAM131A	0.102968	0.314806	0.647934	-1.54337	0.175107	1.82589	1.82589	0.117242
cg10929213	YIF1A	0.102969	0.137438	1.35332	1.35332	0.592333	0.902826	-1.10763	0.808617
cg23509128	MTUS2	0.10297	0.254755	0.249386	-4.00984	0.838809	0.788302	-1.26855	0.270703
cg26811372	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA8;PCDHGA2;PCDHGA8;PCDHGA7	0.10297	0.168205	2.62804	2.62804	0.052157	4.2774	4.2774	0.574413
cg15874611	ZNHIT1	0.102972	0.786639	1.20609	1.20609	0.230563	0.416953	-2.39835	0.361038
cg12432898	FLJ35220;LOC100294362;FLJ35220;FLJ35220	0.102973	0.929738	1.00766	1.00766	0.0229906	1.26526	1.26526	0.0624725
cg23123679	ARF3	0.102976	0.454933	0.920075	-1.08687	0.0244917	1.34084	1.34084	0.0305759
cg12804865	LIN37	0.102979	0.0124464	0.655569	-1.52539	0.146334	0.809209	-1.23578	0.537326
cg12963096	NHLRC3;C13orf23;C13orf23;NHLRC3;NHLRC3;NHLRC3	0.102981	0.189149	0.829844	-1.20505	0.2441	1.17751	1.17751	0.402473
cg19111971	EDNRB;EDNRB;EDNRB	0.102985	0.132588	0.510553	-1.95866	0.0944742	0.466991	-2.14137	0.361669
cg22864500	BRE;BRE;BRE;BRE;BRE	0.102985	0.0278718	0.256972	-3.89147	0.277629	0.554147	-1.80457	0.121165
cg08700284	RHBDD2;RHBDD2	0.102987	0.672387	0.931347	-1.07371	0.922564	0.983874	-1.01639	0.829083
cg17055934	CDV3;CDV3;CDV3	0.102989	0.930778	0.985947	-1.01425	0.476226	1.12525	1.12525	0.107909
cg23662947	DNMT1;DNMT1	0.102989	0.823733	1.03639	1.03639	0.0960664	0.74616	-1.3402	0.11222
cg09435415	DPYS	0.102993	0.0987595	4.19291	4.19291	0.222186	2.76181	2.76181	0.107849
cg01184149	PACSIN1	0.102994	0.0640942	0.231807	-4.31393	0.693236	0.756889	-1.3212	0.966615
cg00149213	SLAMF1	0.102997	0.284327	0.422857	-2.36486	0.0326913	0.144556	-6.91775	0.0702895
cg06351596	TRDMT1;TRDMT1;TRDMT1	0.103003	0.890095	1.05171	1.05171	0.0650141	0.469792	-2.1286	0.0358427
cg14146092	NCRNA00167;PRDM10;PRDM10	0.103004	0.766572	0.920916	-1.08587	0.255015	0.719729	-1.38941	0.974433
cg24508395	CTNNBL1	0.103006	0.386184	0.930454	-1.07474	0.00761348	0.756952	-1.32109	0.614466
cg12472449	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.103007	0.37828	0.387299	-2.58199	0.947058	1.07217	1.07217	0.652737
cg07935520	ZNF480	0.103009	0.562586	0.901566	-1.10918	0.990801	0.997961	-1.00204	0.879964
cg27103348	ITGB2;ITGB2	0.103012	0.227042	0.617981	-1.61817	0.250231	0.633829	-1.57771	0.0436926
cg00142670	C6orf154	0.103016	0.757638	0.869974	-1.14946	0.0115337	4.14434	4.14434	0.229168
cg10096378	FAM83F	0.103016	0.390769	1.31265	1.31265	0.853598	1.05881	1.05881	0.708804
cg15727583	MFI2;MFI2	0.103017	0.0391068	4.86199	4.86199	0.0160169	7.04826	7.04826	0.0590812
cg04119593	C21orf88;C21orf88	0.103019	0.567733	0.879861	-1.13654	0.00289802	0.403569	-2.47789	0.921618
cg16521213	ACP1;ACP1;ACP1	0.10302	0.0870591	0.288024	-3.47193	0.0229696	0.166655	-6.00042	0.174171
cg02335988	CASZ1;CASZ1	0.10302	0.0503039	0.737185	-1.35651	0.620437	0.934055	-1.0706	0.204698
cg11712458	SNRPA1	0.103021	0.5486	0.891348	-1.1219	0.773328	1.05625	1.05625	0.0328167
cg11712506	KCNN2	0.103021	0.0745368	0.33938	-2.94655	0.525648	1.4188	1.4188	0.0755342
cg11902278	SVIL	0.103022	0.533165	0.929316	-1.07606	0.45543	1.09231	1.09231	0.602551
cg20278291	OTX2;OTX2;OTX2	0.103023	0.917857	0.931423	-1.07363	0.0364303	0.187376	-5.33688	0.0371903
cg06877462	PM20D1	0.103023	0.344431	0.584816	-1.70994	0.0219022	0.219833	-4.54891	0.154109
cg20137461	GPR160	0.103023	0.0111546	1.94994	1.94994	0.405497	1.19562	1.19562	0.766092
cg16046951	C20orf94;MKKS	0.103026	0.757192	1.10861	1.10861	0.00404041	3.61002	3.61002	0.124683
cg19157243	PRDM6	0.103028	0.0505115	0.201699	-4.95788	0.0778765	4.03022	4.03022	?
cg13330671	HSP90AB1	0.103029	0.0323062	0.231169	-4.32585	0.0488317	0.268599	-3.72302	0.614854
cg07249227	ZNF295;ZNF295;ZNF295	0.103029	0.0996041	1.24936	1.24936	0.104535	1.24467	1.24467	0.0698375
cg11862959	RDH10;RPL7	0.10303	0.917994	0.922534	-1.08397	0.569129	1.56909	1.56909	0.107943
cg06368760	AGAP1;AGAP1	0.103036	0.0700436	0.596064	-1.67767	0.285661	1.32746	1.32746	0.890651
cg13442200	SCARB2	0.103037	0.966272	1.01062	1.01062	0.00761377	0.424209	-2.35733	0.298614
cg11342615	TIMP2	0.103039	0.196154	0.531996	-1.87971	0.0418346	0.338529	-2.95396	0.00596528
cg03571764	CAMTA1	0.103041	0.27538	0.60154	-1.6624	0.357627	1.52764	1.52764	0.636589
cg23719342	TAS2R16	0.103042	0.250705	0.685635	-1.4585	0.501045	1.23955	1.23955	0.357497
cg21886364	DAB2	0.103046	0.058115	0.46542	-2.1486	0.0239585	0.382158	-2.61672	0.199192
cg07941017	RNF130	0.103046	0.33895	0.873542	-1.14477	0.203665	1.20206	1.20206	0.0130257
cg00528600	DIMT1L	0.103047	0.798225	1.05351	1.05351	0.694677	0.922867	-1.08358	0.505338
cg02147592	MAP2K2	0.103048	0.00224343	0.466566	-2.14332	0.819218	0.96003	-1.04163	0.490996
cg05422360	MAGEE1	0.103049	0.0619502	0.32679	-3.06007	0.0132382	0.195197	-5.12304	0.279262
cg17859882	GUSBL2	0.103051	0.978106	0.996193	-1.00382	0.118581	1.26557	1.26557	0.0540113
cg05515957	WBP11;C12orf60;C12orf60	0.103051	0.35166	1.16483	1.16483	0.0590556	0.712249	-1.404	0.0104099
cg17298788	MEGF6	0.103051	0.242257	0.714084	-1.40039	0.0406971	0.521955	-1.91587	0.15343
cg08317133	MACROD1;FLRT1	0.103052	0.179798	0.64491	-1.5506	0.00850924	0.355601	-2.81214	0.516815
cg15645804	PCGF3	0.103053	0.762773	0.900825	-1.11009	0.114637	0.553229	-1.80757	0.22899
cg11567310	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.103054	0.129116	0.745385	-1.34159	0.110298	1.36595	1.36595	0.140584
cg21900928	CHN2	0.103054	0.090931	0.309027	-3.23596	0.0591429	3.8331	3.8331	0.483333
cg20539986	ARMC7	0.103054	0.11827	0.405926	-2.4635	0.326622	1.71322	1.71322	0.959744
cg09842161	GABBR1;GABBR1	0.103056	0.0979	0.337641	-2.96172	0.462992	0.639715	-1.56319	0.94391
cg23508908	MRAP2	0.103057	0.281095	0.645318	-1.54962	0.0181805	3.06865	3.06865	0.0900755
cg07753583	LRRC61;ACTR3C;LRRC61	0.103057	0.0532646	8.69508	8.69508	0.318541	2.76049	2.76049	0.19115
cg20886263	PRKCD;PRKCD	0.103059	0.0954604	0.718104	-1.39256	0.104313	0.725406	-1.37854	0.255076
cg01459389	TAC4;TAC4;TAC4;TAC4;TAC4	0.10306	0.0501741	0.238907	-4.18573	0.0558695	0.249357	-4.01031	0.190501
cg01376318	MIR365-2	0.103062	0.25233	0.780002	-1.28205	0.0570363	1.56428	1.56428	0.286228
cg08580057	SLC35F1	0.103062	0.294888	0.770584	-1.29772	0.924114	1.02312	1.02312	0.0091404
cg22746109	PUM2	0.103062	0.25241	0.760493	-1.31494	0.640693	1.11366	1.11366	0.58784
cg10543797	NADK	0.103066	0.541708	1.18974	1.18974	0.0190619	0.450189	-2.22129	0.560067
cg00758420	TMEM82	0.103067	0.677628	0.773693	-1.2925	0.228826	2.17087	2.17087	0.574416
cg17372450	IWS1	0.103068	0.408157	1.14055	1.14055	0.00616425	1.74254	1.74254	0.354102
cg08419589	RASSF6;RASSF6;RASSF6	0.103069	0.183436	0.184414	-5.42258	0.360601	3.06565	3.06565	0.435142
cg09403559	GNAO1;GNAO1	0.103069	0.46476	0.830853	-1.20358	0.0856645	0.623051	-1.605	0.252858
cg11989942	CCDC57	0.103069	0.36659	1.2771	1.2771	0.281676	0.744513	-1.34316	0.714553
cg06899799	ANKRD52	0.103077	0.575085	0.872616	-1.14598	0.136374	0.679717	-1.4712	0.128169
cg06574229	LRRC26	0.103081	0.460823	1.53607	1.53607	0.0252568	4.57644	4.57644	0.293028
cg24431161	TBXAS1;TBXAS1	0.103083	0.0470635	0.43889	-2.27847	0.967409	1.01491	1.01491	0.0239709
cg20774475	PAPSS1	0.103087	0.510101	0.849341	-1.17738	0.517831	1.17379	1.17379	0.1163
cg19168631	DAAM1	0.103087	0.0192887	0.572744	-1.74598	0.889659	1.02771	1.02771	0.838194
cg17172661	PIK3AP1	0.103094	0.197692	0.67533	-1.48076	0.051217	0.527256	-1.89661	0.0112204
cg21279207	FLOT1	0.103095	0.656627	1.12451	1.12451	0.180948	0.688993	-1.45139	0.71181
cg07231102	RAB5A	0.103097	0.0753735	0.616703	-1.62153	0.208405	1.38238	1.38238	0.442613
cg10942903	PTH1R	0.103098	0.442364	0.639921	-1.56269	?	?	?	0.926443
cg23190164	LGR5	0.1031	0.273071	0.364407	-2.74419	0.00411877	0.0331951	-30.125	0.0405692

Probeset ID	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)
cg22594416	1.96298	1.96298	0.765487	0.859206	-1.16387	0.0739673	0.364129	-2.74628	0.986123	0.991216	-1.00886	0.0113045	0.20003	-4.99924	0.237586	1.87316
cg02637105	1.65411	1.65411	0.476498	1.33838	1.33838	0.181479	0.5649	-1.77023	0.134457	1.91511	1.91511	0.155149	0.541992	-1.84504	0.0676256	2.28029
cg21549457	0.936252	-1.06809	0.835963	1.03369	1.03369	0.18533	1.25166	1.25166	0.770181	1.04793	1.04793	0.314146	0.846743	-1.181	0.630679	0.925505
cg07114894	1.30187	1.30187	0.798784	1.04127	1.04127	0.961139	0.992315	-1.00774	0.947178	1.01055	1.01055	0.681558	0.936762	-1.06751	0.0267119	1.5154
cg03948682	1.31456	1.31456	0.662985	0.905831	-1.10396	0.27999	0.77623	-1.28828	0.918662	1.02331	1.02331	0.220741	1.33692	1.33692	0.417846	1.20531
cg13432154	2.31496	2.31496	0.614922	1.15694	1.15694	0.67362	0.885374	-1.12947	0.0174865	0.435498	-2.29622	0.218094	1.45111	1.45111	0.936394	0.977323
cg21848066	0.844088	-1.18471	0.347125	0.826507	-1.20991	0.0213944	0.580315	-1.7232	0.282193	1.24603	1.24603	0.17144	1.33186	1.33186	0.575768	1.1177
cg06733608	0.614457	-1.62745	0.21226	0.74658	-1.33944	0.0504214	0.608963	-1.64214	0.178226	0.727471	-1.37463	0.540741	1.14768	1.14768	0.142154	0.703979
cg07278332	0.752506	-1.32889	0.992117	0.998075	-1.00193	0.818823	0.956249	-1.04575	0.375846	1.19388	1.19388	0.0065882	1.98958	1.98958	0.962961	0.990986
cg10643928	0.864251	-1.15707	0.201679	1.27597	1.27597	0.0488308	0.665869	-1.5018	0.110832	0.730501	-1.36892	0.0182448	1.67861	1.67861	0.489327	0.880775
cg20056324	0.669343	-1.494	0.865156	1.0898	1.0898	0.111427	0.415913	-2.40435	0.0110932	0.199626	-5.00937	0.590912	0.759915	-1.31594	0.382538	1.57319
cg20827960	0.250024	-3.99961	0.739857	0.805278	-1.24181	0.889321	0.913479	-1.09472	0.436897	0.597235	-1.67438	0.655201	0.746686	-1.33925	0.425188	0.589038
cg10007927	0.881855	-1.13397	0.690124	1.09805	1.09805	0.0131484	0.487882	-2.04968	0.56141	0.871917	-1.1469	0.168214	0.709807	-1.40883	0.0478473	0.589743
cg19720937	0.801956	-1.24695	0.99711	0.999184	-1.00082	0.785404	0.94031	-1.06348	0.252239	1.30957	1.30957	0.138614	1.43263	1.43263	0.759647	0.933141
cg09026568	0.755065	-1.32439	0.691721	0.895489	-1.11671	0.0366699	0.510488	-1.95891	0.346155	0.764369	-1.30827	0.0941913	0.600716	-1.66468	0.0466032	0.531988
cg14688342	0.926467	-1.07937	0.763569	1.04959	1.04959	0.0247263	0.65116	-1.53572	0.236409	0.819505	-1.22025	0.0178144	1.58755	1.58755	0.606737	1.08687
cg01684175	0.76614	-1.30524	0.174948	2.40333	2.40333	0.198861	2.28229	2.28229	0.247785	2.08424	2.08424	0.00617652	8.76431	8.76431	0.0723927	3.38235
cg09503196	0.978827	-1.02163	0.146979	1.16008	1.16008	0.932821	1.00808	1.00808	0.384453	0.918445	-1.0888	0.817115	0.978143	-1.02235	0.00652346	0.713754
cg13732589	1.54983	1.54983	0.113982	0.515629	-1.93938	0.0407547	2.48406	2.48406	0.508994	0.772539	-1.29443	?	?	?	0.0798295	2.11445
cg24156613	0.387891	-2.57804	0.0319387	0.239951	-4.16751	0.0318229	0.239643	-4.17288	0.548782	0.70858	-1.41127	0.12782	0.392655	-2.54677	0.0303356	0.235614
cg04657461	1.3025	1.3025	0.857325	1.05236	1.05236	0.0679819	0.560056	-1.78553	0.257449	1.39818	1.39818	0.0260914	0.472959	-2.11435	0.431322	0.796296
cg24845324	0.169835	-5.88807	0.471914	0.721168	-1.38664	0.636262	1.23677	1.23677	0.890521	1.06329	1.06329	0.271305	0.598438	-1.67102	0.543135	1.31621
cg15825793	0.771794	-1.29568	0.0164958	0.512202	-1.95235	0.804253	1.05835	1.05835	0.104197	1.50032	1.50032	0.225957	0.747979	-1.33694	0.919605	1.02332
cg14386951	0.670697	-1.49099	0.817824	1.18985	1.18985	0.531063	0.620012	-1.61287	0.188148	0.349719	-2.85944	0.0956265	0.251814	-3.97119	0.00994763	11.6192
cg00962459	0.654133	-1.52874	0.0922969	0.610052	-1.6392	0.0216184	0.479164	-2.08697	0.648012	0.884617	-1.13043	0.502345	0.833942	-1.19912	0.61313	0.872848
cg23921838	0.395501	-2.52844	0.0231947	0.357124	-2.80015	0.260328	0.640538	-1.56119	0.0435156	0.41449	-2.4126	0.19876	0.597365	-1.67402	0.724121	0.874195
cg08468991	1.10285	1.10285	0.0448764	0.557222	-1.79462	0.184692	0.699516	-1.42956	0.0313085	0.526407	-1.89967	0.0205159	0.492124	-2.03201	0.185409	0.699972
cg02058552	1.0936	1.0936	0.176782	0.837487	-1.19405	0.986341	1.00212	1.00212	0.193626	1.18518	1.18518	0.0232216	0.715242	-1.39813	0.349437	1.12634
cg10398408	1.1935	1.1935	0.18524	0.783124	-1.27694	0.105765	0.735315	-1.35996	0.164506	0.772542	-1.29443	0.0424496	0.665906	-1.50171	0.664515	1.07889
cg22765117	0.781533	-1.27954	0.718819	1.07202	1.07202	0.013333	0.554488	-1.80347	0.699939	1.07734	1.07734	0.293364	0.810855	-1.23327	0.807375	1.04811
cg15077193	8.43067	8.43067	0.0545181	4.99469	4.99469	0.064217	0.215815	-4.63359	0.332354	2.09042	2.09042	0.571158	0.655735	-1.52501	0.328008	2.10528
cg23134520	1.48705	1.48705	0.620589	0.901454	-1.10932	0.918178	0.978862	-1.02159	0.343475	0.81636	-1.22495	0.131304	0.712687	-1.40314	0.0248442	1.74245
cg17741572	0.335108	-2.98411	0.646205	1.33336	1.33336	0.0491082	0.247045	-4.04785	0.0340269	0.214356	-4.66513	0.0144748	0.153282	-6.52394	0.87766	0.908567
cg10372548	1.15342	1.15342	0.51618	0.870061	-1.14934	0.0537905	0.629398	-1.58882	0.00461222	0.450629	-2.21912	0.330478	0.808702	-1.23655	0.953512	1.0124
cg11679069	1.15852	1.15852	0.191658	1.51419	1.51419	0.300263	0.724565	-1.38014	0.122141	1.65346	1.65346	0.118466	0.601266	-1.66316	0.644513	1.14964
cg01137955	15.8331	15.8331	0.0945517	15.1696	15.1696	0.251305	5.89197	5.89197	0.0983076	14.6286	14.6286	0.0108954	113.27	113.27	0.0594874	23.2818
cg20832722	0.636397	-1.57135	0.233219	0.785374	-1.27328	0.379613	1.19031	1.19031	0.314876	0.818011	-1.22248	0.169055	1.32738	1.32738	0.181933	0.760442
cg09487167	1.15285	1.15285	0.119357	0.751604	-1.33049	0.505279	0.892072	-1.12099	0.0208109	0.624966	-1.60009	0.917358	0.982617	-1.01769	0.229115	1.23766
cg11149768	1.2938	1.2938	0.738646	1.04999	1.04999	0.124133	0.78462	-1.2745	0.26917	0.845664	-1.1825	0.0122503	0.634736	-1.57546	0.69023	1.06009
cg23571857	0.887832	-1.12634	0.145127	0.565719	-1.76766	0.0822107	0.49608	-2.01581	0.430232	0.745916	-1.34063	0.462321	1.31313	1.31313	0.250303	0.645725
cg05646373	10.806	10.806	?	?	?	?	?	?	0.324896	3.3137	3.3137	0.97341	1.04006	1.04006	0.925634	1.11631
cg07048094	0.340271	-2.93884	0.572377	1.62564	1.62564	0.0798566	0.191005	-5.23547	0.331918	0.426308	-2.34572	0.0199714	0.0914556	-10.9343	0.480067	0.542565
cg18759725	0.92711	-1.07862	0.673564	0.955761	-1.04629	0.103758	1.21225	1.21225	0.208746	1.1532	1.1532	0.303869	1.12101	1.12101	0.280748	1.12787
cg10206987	0.584927	-1.70962	0.26776	0.68229	-1.46565	0.0336167	0.43961	-2.27474	0.0665072	0.505888	-1.97672	0.0423377	0.460997	-2.16921	0.760254	0.903613
cg14582929	0.843618	-1.18537	0.497208	0.906544	-1.10309	0.0078373	0.615228	-1.62541	0.218556	0.831754	-1.20228	0.941407	0.989591	-1.01052	0.0935694	1.30021
cg25329296	1.05326	1.05326	0.173619	0.748703	-1.33564	0.258978	0.790227	-1.26546	0.319079	0.813957	-1.22857	0.0508028	1.56024	1.56024	0.713546	0.928943
cg12206403	0.791395	-1.26359	0.808125	1.05862	1.05862	0.143579	0.692146	-1.44478	0.517569	1.16603	1.16603	0.024267	1.87532	1.87532	0.56565	0.872872
cg06426027	0.611208	-1.63611	0.0488642	0.310932	-3.21614	0.0175224	0.222794	-4.48845	0.0349093	0.278952	-3.58484	0.0249395	0.250118	-3.99811	0.410289	0.645777
cg23917249	0.966812	-1.03433	0.137084	1.65236	1.65236	0.356759	1.34614	1.34614	0.239835	0.679793	-1.47104	0.0282928	0.443954	-2.25248	0.295193	1.40556
cg08506306	1.02116	1.02116	0.722092	0.921712	-1.08494	0.606477	0.888153	-1.12593	0.695564	0.914139	-1.09393	0.066309	1.60025	1.60025	0.610868	0.889459
cg21690645	3.03919	3.03919	0.293299	1.48595	1.48595	0.82993	0.92483	-1.08128	0.305368	1.47048	1.47048	0.0705937	2.08356	2.08356	0.356164	1.4117
cg06520279	0.723934	-1.38134	0.572495	0.933254	-1.07152	0.161382	0.834303	-1.1986	0.0336663	1.35053	1.35053	0.300234	1.13886	1.13886	0.741791	1.04086
cg16944597	2.03477	2.03477	0.102218	2.11	2.11	0.126966	0.502005	-1.99201	0.346016	1.49955	1.49955	0.0449364	0.382582	-2.61382	0.503299	1.32788
cg10929213	0.955143	-1.04696	0.628807	1.0965	1.0965	0.0366694	1.58272	1.58272	0.226065	1.27178	1.27178	0.0759177	0.688271	-1.45292	0.0312404	1.61288
cg23509128	0.262025	-3.81643	0.900101	1.15798	1.15798	0.512698	2.17144	2.17144	0.00328325	0.00929022	-107.64	0.435514	2.53237	2.53237	0.879559	0.837706
cg26811372	1.45256	1.45256	0.154981	2.72219	2.72219	0.334312	1.92547	1.92547	0.702326	1.28744	1.28744	0.389999	0.560132	-1.78529	0.00564171	10.9145
cg15874611	0.521523	-1.91746	0.994538	0.995285	-1.00474	0.0128331	0.109784	-9.10877	0.0342374	0.174163	-5.74174	0.0952211	0.276827	-3.61236	0.768643	1.22597
cg12432898	1.19889	1.19889	0.363068	0.922311	-1.08423	0.433831	1.07154	1.07154	0.319016	1.09319	1.09319	0.547326	0.948679	-1.0541	0.129909	1.15204
cg23123679	1.32062	1.32062	0.210944	1.15518	1.15518	0.846343	0.97899	-1.02146	0.377824	1.10411	1.10411	0.829545	0.976679	-1.02388	0.706599	1.04226
cg12804865	0.918694	-1.0885	0.0314429	0.709918	-1.40861	0.104788	0.786087	-1.27212	0.588473	0.928519	-1.07698	0.0282382	0.703477	-1.42151	0.203151	0.833279
cg12963096	0.891467	-1.12175	0.854946	1.02484	1.02484	0.422511	1.11611	1.11611	0.822798	1.03053	1.03053	0.00408826	0.596525	-1.67638	0.921521	0.986874
cg19111971	0.678131	-1.47464	0.111062	2.05258	2.05258	0.0247119	0.330304	-3.02752	0.0590777	0.41357	-2.41797	0.150403	0.528057	-1.89374	0.267549	0.619747
cg22864500	0.415328	-2.40773	0.708765	0.821864	-1.21675	0.00941276	0.178866	-5.59078	0.371387	0.618853	-1.61589	0.0828174	0.366292	-2.73006	0.646162	0.785292
cg08700284	0.964495	-1.03681	0.171144	0.783757	-1.27591	0.490965	0.889599	-1.1241	0.672542	1.07367	1.07367	0.00373413	1.92479	1.92479	0.731691	0.944073
cg17055934	1.33077	1.33077	0.173536	0.789874	-1.26602	0.944962	0.988816	-1.01131	0.0331142	0.666434	-1.50052	0.0574291	0.704635	-1.41918	0.323377	1.18076
cg23662947	0.758002	-1.31926	0.0970671	0.746941	-1.33879	0.0104456	0.596612	-1.67613	0.997286	1.00055	1.00055	0.219359	1.22991	1.22991	0.814729	0.96309
cg09435415	4.01215	4.01215	0.432078	0.529992	-1.88682	0.146554	0.291149	-3.43467	0.616501	0.670436	-1.49157	0.933002	0.935589	-1.06885	0.0234262	8.534
cg01184149	0.971024	-1.02984	0.33102	2.02314	2.02314	0.242604	0.423527	-2.36112	0.100773	0.282851	-3.53543	0.00811149	0.092417	-10.8205	0.212226	0.397267
cg00149213	0.208922	-4.78648	0.0634949	0.198933	-5.02682	0.0104467	0.0825179	-12.1186	0.404312	0.516659	-1.93551	0.493467	0.583799	-1.71292	0.578087	0.647392
cg06351596	0.4105	-2.43605	0.312957	1.4631	1.4631	0.379834	0.720013	-1.38886	0.089506	1.97908	1.97908	0.506644	1.27848	1.27848	0.504163	1.28037
cg14146092	1.00891	1.00891	0.653345	0.8824	-1.13327	0.110165	0.617651	-1.61904	0.00393594	0.341782	-2.92584	0.23844	1.40735	1.40735	0.349787	0.766169
cg24508395	0.959625	-1.04207	0.384247	1.07508	1.07508	0.0695012	1.1791	1.1791	0.393785	1.07345	1.07345	0.354751	0.925658	-1.08031	0.777475	0.977272
cg12472449	1.60847	1.60847	0.57419	0.551158	-1.81436	0.0041206	0.0176442	-56.6758	0.673701	0.641211	-1.55955	0.0321371	0.0718165	-13.9244	0.293685	0.318877
cg07935520	1.02711	1.02711	0.00240752	2.11339	2.11339	0.587238	1.10188	1.10188	0.678491	1.07658	1.07658	0.432908	1.15219	1.15219	0.347962	1.18655
cg27103348	0.414792	-2.41084	0.726262	1.1427	1.1427	0.107815	0.513796	-1.9463	0.577071	0.807509	-1.23838	0.0130978	0.31105	-3.21491	0.0262889	0.367837
cg00142670	1.7645	1.7645	0.951515	0.973007	-1.02774	0.245072	0.578585	-1.72836	0.308414	0.62225	-1.60707	0.306953	0.621295	-1.60954	0.635722	0.806758
cg10096378	0.890422	-1.12306	0.827376	1.0699	1.0699	0.2845	1.4105	1.4105	0.0417226	2.06725	2.06725	0.00478848	3.18456	3.18456	0.107984	1.7204
cg15727583	4.10294	4.10294	0.678491	1.31797	1.31797	0.74785	1.23817	1.23817	0.270555	2.13787	2.13787	0.0594974	4.0911	4.0911	0.0624539	4.0102
cg04119593	1.02205	1.02205	0.870924	1.03669	1.03669	0.640488	0.901012	-1.10986	0.120837	0.688792	-1.45182	0.173706	0.725598	-1.37817	0.957821	1.01179
cg16521213	0.385858	-2.59163	0.671811	0.75524	-1.32408	0.108443	0.315528	-3.16929	0.0338902	0.195627	-5.11176	0.0335382	0.194791	-5.1337	0.691554	1.30043
cg02335988	0.832867	-1.20067	0.101301	0.782562	-1.27785	0.81062	1.03335	1.03335	0.0761485	1.30952	1.30952	0.0495448	1.35826	1.35826	0.753111	1.04406
cg11712458	1.60502	1.60502	0.321896	0.823728	-1.21399	0.813904	1.0457	1.0457	0.810448	1.04659	1.04659	0.019124	0.584295	-1.71146	0.403047	1.17604
cg11712506	2.93328	2.93328	0.0300576	4.00644	4.00644	0.262582	0.529746	-1.8877	0.657061	0.784233	-1.27513	0.991283	1.00596	1.00596	0.125947	0.406303
cg11902278	0.940806	-1.06292	0.430999	0.910874	-1.09785	0.751802	1.03754	1.03754	0.108739	1.22529	1.22529	0.00430386	1.55796	1.55796	0.768969	0.96637
cg20278291	0.18904	-5.28988	0.714157	0.776207	-1.28832	0.26894	2.20976	2.20976	0.801778	0.840945	-1.18914	0.0341698	0.182301	-5.48545	0.247258	2.30048
cg06877462	0.43152	-2.31739	0.232653	0.501849	-1.99263	0.0464918	0.284765	-3.51167	0.153473	0.430881	-2.32083	0.944782	0.962563	-1.03889	0.0123375	0.179719
cg20137461	0.939291	-1.06463	0.249943	1.28712	1.28712	0.268343	1.27384	1.27384	0.0973369	1.46513	1.46513	0.180745	1.34763	1.34763	0.568607	0.886065
cg16046951	1.73784	1.73784	0.306567	1.42181	1.42181	0.944995	1.0232	1.0232	0.985658	0.994042	-1.00599	0.736722	0.893882	-1.11872	0.265479	0.679908
cg19157243	?	?	?	?	?	?	?	?	0.480746	0.610642	-1.63762	0.507687	1.58754	1.58754	0.343174	0.508999
cg13330671	0.743461	-1.34506	0.831867	0.883179	-1.13227	0.0925431	0.339039	-2.94951	0.354254	0.572995	-1.74522	0.0142256	0.17084	-5.85342	0.115891	0.368426
cg07249227	1.28412	1.28412	0.370053	0.892662	-1.12025	0.095864	1.25308	1.25308	0.210415	0.849765	-1.1768	0.0910344	0.794836	-1.25812	0.760301	1.03847
cg11862959	3.94806	3.94806	0.376022	0.491024	-2.03656	0.0688635	0.203102	-4.92364	0.0208381	0.113313	-8.82508	0.960005	0.9615	-1.04004	0.265808	2.47891
cg06368760	0.965472	-1.03576	0.0410447	1.82623	1.82623	0.0740909	0.601422	-1.66273	0.96628	0.989259	-1.01086	0.312407	1.30596	1.30596	0.105094	0.636107
cg13442200	0.763973	-1.30895	0.250772	0.74091	-1.34969	0.683488	1.10786	1.10786	0.685056	0.903127	-1.10726	0.05499	1.72247	1.72247	0.625821	1.13066
cg11342615	0.190159	-5.25877	0.131666	0.471697	-2.12	0.311827	0.616855	-1.62113	0.779517	1.13836	1.13836	0.1603	0.500262	-1.99895	0.407291	0.676105
cg03571764	1.23759	1.23759	0.806086	0.89569	-1.11646	0.0077248	0.215944	-4.63084	0.784466	0.884444	-1.13065	0.0263322	0.3073	-3.25414	0.32459	0.634042
cg23719342	0.742626	-1.34657	0.0742708	0.535036	-1.86903	0.0370635	0.467058	-2.14106	0.0248442	0.431781	-2.31599	0.0321398	0.454203	-2.20166	0.966436	0.986856
cg21886364	0.616038	-1.62328	0.465672	1.30361	1.30361	0.766145	0.898961	-1.1124	0.70063	1.14793	1.14793	0.131106	1.78985	1.78985	0.453728	1.31331
cg07941017	1.5259	1.5259	0.536055	0.917639	-1.08975	0.496082	1.09944	1.09944	0.441153	1.11376	1.11376	0.0793132	0.765529	-1.30629	0.258115	1.1757
cg00528600	0.871505	-1.14744	0.870691	1.0337	1.0337	0.884941	1.0299	1.0299	0.342727	0.819628	-1.22007	0.0018997	0.408466	-2.44819	0.816989	1.0483
cg02147592	0.882807	-1.13275	0.293822	0.82364	-1.21412	0.312589	0.830175	-1.20457	0.70057	0.933467	-1.07127	0.609595	1.09611	1.09611	0.216218	0.793037
cg05422360	0.5496	-1.8195	0.558292	1.37026	1.37026	0.222483	0.505515	-1.97818	0.04595	0.29606	-3.37769	0.633866	1.29087	1.29087	0.738626	1.19505
cg17859882	1.35532	1.35532	0.951812	1.00844	1.00844	0.194743	1.21006	1.21006	0.706949	1.0539	1.0539	0.0148354	0.659251	-1.51687	0.731013	0.953161
cg05515957	0.598386	-1.67116	0.955018	1.00902	1.00902	0.119193	0.764005	-1.30889	0.151074	0.782766	-1.27752	0.277331	0.8354	-1.19703	0.546444	1.10203
cg17298788	0.656657	-1.52287	0.614255	1.15009	1.15009	0.0705009	0.573378	-1.74405	0.0545288	0.548713	-1.82245	0.0283894	0.490708	-2.03787	0.638829	1.13891
cg08317133	0.816789	-1.22431	0.354944	1.34044	1.34044	0.0235274	0.434803	-2.29989	0.214304	0.668614	-1.49563	0.866734	0.949603	-1.05307	0.524532	0.819909
cg15645804	0.646905	-1.54582	0.710462	0.879278	-1.1373	0.018749	2.6716	2.6716	0.595486	0.831215	-1.20306	0.214542	1.56959	1.56959	0.42034	1.32849
cg11567310	1.3285	1.3285	0.6154	1.09501	1.09501	0.23771	1.24812	1.24812	0.0215446	0.609791	-1.63991	0.266112	0.812501	-1.23077	0.84792	1.035
cg21900928	1.56711	1.56711	0.423071	0.596905	-1.67531	0.061337	0.264638	-3.77874	0.190418	0.417111	-2.39744	0.0693504	0.277706	-3.60094	0.453352	1.61882
cg20539986	1.0272	1.0272	0.469149	0.676037	-1.47921	0.00773397	0.162228	-6.16416	0.622042	0.76786	-1.30232	0.0704581	0.341366	-2.92941	0.857507	1.10026
cg09842161	0.958797	-1.04297	0.370049	0.576687	-1.73404	0.0685327	0.29543	-3.38489	0.20485	0.449342	-2.22547	0.00700674	0.124293	-8.04548	0.0415767	0.24536
cg23508908	2.07594	2.07594	0.256832	0.629569	-1.58839	0.641095	1.20149	1.20149	0.26831	0.637116	-1.56957	0.133549	0.531155	-1.88269	0.399639	1.40091
cg07753583	3.90878	3.90878	0.142052	4.7338	4.7338	0.208717	3.68872	3.68872	0.23082	3.44901	3.44901	0.00483181	39.7167	39.7167	0.0820838	6.66871
cg20886263	1.23964	1.23964	0.323428	0.831617	-1.20248	0.0103874	0.557955	-1.79226	0.519762	1.12521	1.12521	0.607544	0.910597	-1.09818	0.628485	1.09215
cg01459389	0.411122	-2.43237	0.193282	0.413673	-2.41737	0.0244094	0.179146	-5.58203	0.0933955	0.306291	-3.26487	0.0198775	0.164887	-6.06475	0.229813	0.445808
cg01376318	1.25875	1.25875	0.0801489	0.668058	-1.49688	0.338136	0.814508	-1.22773	0.112101	0.698042	-1.43258	0.0904081	1.47358	1.47358	0.475649	1.16267
cg08580057	2.21291	2.21291	0.227633	0.737989	-1.35503	0.164099	0.700346	-1.42786	0.454474	0.832954	-1.20055	0.687624	1.10182	1.10182	0.159775	1.43385
cg22746109	1.13351	1.13351	0.492429	0.852433	-1.17311	0.0176556	0.516333	-1.93673	0.0343192	0.568126	-1.76017	0.790818	0.940935	-1.06277	0.601568	1.12823
cg10543797	0.847279	-1.18025	0.515909	1.20354	1.20354	0.871541	0.955507	-1.04656	0.0190014	0.449934	-2.22255	0.149531	1.54433	1.54433	0.698641	1.11562
cg00758420	0.705927	-1.41658	0.545513	1.45571	1.45571	0.00273677	0.079015	-12.6558	0.600819	0.723233	-1.38268	0.911167	1.0709	1.0709	0.980604	0.98519
cg17372450	0.862265	-1.15974	0.102594	1.32001	1.32001	0.386558	0.871127	-1.14794	0.491751	1.11465	1.11465	0.298556	0.845789	-1.18233	0.53813	1.10174
cg08419589	2.58052	2.58052	0.0770832	0.0932793	-10.7205	0.286976	0.267161	-3.74306	0.05591	0.072704	-13.7544	0.153059	0.159537	-6.26815	0.815802	1.31921
cg09403559	0.74271	-1.34642	0.027103	1.91862	1.91862	0.0917407	0.629763	-1.5879	0.280525	1.3223	1.3223	0.184431	0.704246	-1.41996	0.477147	1.19725
cg11989942	1.10171	1.10171	0.723086	1.09836	1.09836	0.746482	1.0893	1.0893	0.416242	1.24495	1.24495	0.00242295	3.04503	3.04503	0.886988	1.03821
cg06899799	1.48537	1.48537	0.297361	1.29682	1.29682	0.603951	0.881704	-1.13417	0.129817	0.674561	-1.48245	0.0139826	0.481806	-2.07552	0.867	0.960478
cg06574229	1.86563	1.86563	0.283342	1.89122	1.89122	0.13458	2.51502	2.51502	0.0861844	2.95594	2.95594	0.273365	1.91873	1.91873	0.00861087	6.78867
cg24431161	0.376846	-2.65361	0.790379	0.907976	-1.10135	0.0261254	0.38429	-2.6022	0.106769	0.528302	-1.89286	0.206575	0.617107	-1.62047	0.555461	0.80566
cg20774475	0.658949	-1.51757	0.250073	1.34146	1.34146	0.034127	0.546477	-1.8299	0.0466135	0.572986	-1.74524	0.313814	0.775228	-1.28994	0.75409	1.07983
cg19168631	1.04108	1.04108	0.559895	0.890398	-1.12309	0.79781	0.950705	-1.05185	0.0912098	0.693284	-1.44241	0.0792547	1.46764	1.46764	0.145248	1.36069
cg17172661	0.400118	-2.49926	0.807695	0.93211	-1.07283	0.867759	1.04922	1.04922	0.938991	1.02231	1.02231	0.425997	1.26409	1.26409	0.253698	0.709173
cg21279207	0.90727	-1.10221	0.0844793	0.606228	-1.64954	0.529564	0.846173	-1.18179	0.49322	0.833186	-1.20021	0.0110005	0.433167	-2.30858	0.980792	1.00633
cg07231102	1.21063	1.21063	0.2657	0.753381	-1.32735	0.373714	0.800157	-1.24975	0.248334	0.744795	-1.34265	0.0913584	1.57453	1.57453	0.1222	0.664318
cg10942903	0.952169	-1.05023	0.143557	3.01148	3.01148	?	?	?	?	?	?	0.135922	3.12905	3.12905	0.0479854	0.126557
cg23190164	0.123331	-8.10827	0.944561	1.06348	1.06348	0.305021	0.390623	-2.56001	0.400176	0.466657	-2.1429	0.418902	0.481448	-2.07707	0.1998	0.301576

Probeset ID	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22594416	1.87316	0.882746	1.07774	1.07774	2.52991	10.311	3.62278	1
cg02637105	2.28029	0.365844	0.687933	-1.45363	2.5299	6.495	2.28204	1
cg21549457	-1.08049	0.243663	0.822875	-1.21525	2.52989	1.02333	0.359554	1
cg07114894	1.5154	0.0813252	1.35789	1.35789	2.52987	1.00444	0.352915	1
cg03948682	1.20531	0.630576	1.11549	1.11549	2.52987	2.03833	0.716183	1
cg13432154	-1.0232	0.949291	0.981888	-1.01845	2.52987	3.30931	1.16275	1
cg21848066	1.1177	0.16917	0.749535	-1.33416	2.52985	1.5522	0.545382	1
cg06733608	-1.4205	0.160733	0.716579	-1.39552	2.52984	1.98241	0.696545	1
cg07278332	-1.0091	0.971222	1.00706	1.00706	2.5298	1.52328	0.535229	1
cg10643928	-1.13536	0.823724	1.04115	1.04115	2.52978	1.30911	0.459981	1
cg20056324	1.57319	0.0946939	0.394825	-2.53277	2.52977	10.257	3.60401	1
cg20827960	-1.69768	0.569146	0.688009	-1.45347	2.52977	16.9233	5.94638	1
cg10007927	-1.69565	0.994082	0.99827	-1.00173	2.52976	2.18284	0.766988	1
cg19720937	-1.07165	0.0043709	0.423817	-2.35951	2.52973	2.03736	0.715882	1
cg09026568	-1.87974	0.238793	0.710556	-1.40735	2.52972	3.0734	1.07993	1
cg14688342	1.08687	0.938234	0.987642	-1.01251	2.52971	1.03139	0.362411	1
cg01684175	3.38235	0.17006	2.43071	2.43071	2.5297	14.8005	5.20061	1
cg09503196	-1.40104	0.153762	0.864424	-1.15684	2.5297	0.364648	0.12813	1
cg13732589	2.11445	0.447805	1.34718	1.34718	2.59073	4.73566	2.08906	1
cg24156613	-4.24423	0.0412718	0.2627	-3.80662	2.52969	12.9172	4.5389	1
cg04657461	-1.25581	0.720214	0.903027	-1.10739	2.52968	3.22249	1.13233	1
cg24845324	1.31621	0.84373	1.09194	1.09194	2.68885	8.27646	2.39405	1
cg15825793	1.02332	0.299135	0.782111	-1.27859	2.52962	2.08952	0.734241	1
cg14386951	11.6192	0.619056	0.685503	-1.45878	2.52961	22.7384	7.99014	1
cg00962459	-1.14568	0.211643	0.704001	-1.42045	2.52958	2.85031	1.00159	1
cg23921838	-1.14391	0.144238	0.55149	-1.81327	2.52957	5.76679	2.02645	1
cg08468991	-1.42863	0.60732	1.14073	1.14073	2.52954	2.58497	0.908367	1
cg02058552	1.12634	0.126053	1.22686	1.22686	2.52946	0.611208	0.214787	1
cg10398408	1.07889	0.339077	1.18704	1.18704	2.52944	1.21298	0.426262	1
cg22765117	1.04811	0.412086	0.851023	-1.17506	2.52942	1.48222	0.520882	1
cg15077193	2.10528	0.649295	0.713506	-1.40153	2.5294	21.779	7.65365	1
cg23134520	1.74245	0.0510281	1.58735	1.58735	2.5294	1.73168	0.608552	1
cg17741572	-1.10063	0.429568	0.605365	-1.6519	2.5294	15.5213	5.45455	1
cg10372548	1.0124	0.618923	1.11184	1.11184	2.52937	1.79097	0.629394	1
cg11679069	1.14964	0.110474	0.593305	-1.68547	2.52936	3.60882	1.26824	1
cg01137955	23.2818	0.0890412	16.0411	16.0411	2.52934	87.7177	30.8267	1
cg20832722	-1.31502	0.607542	0.904721	-1.10531	2.52934	1.49659	0.525948	1
cg09487167	1.23766	0.0796575	1.38907	1.38907	2.52931	1.14342	0.401838	1
cg11149768	1.06009	0.992573	0.998645	-1.00136	2.52929	0.850042	0.298737	1
cg23571857	-1.54865	0.515078	0.786374	-1.27166	2.52926	5.30992	1.86613	1
cg05646373	1.11631	0.00573999	71.3249	71.3249	2.59027	44.3168	19.5531	1
cg07048094	-1.8431	0.148728	0.267365	-3.74021	2.52923	29.0599	10.213	1
cg18759725	1.12787	0.00410773	1.53872	1.53872	2.68834	0.474502	0.137281	1
cg10206987	-1.10667	0.0112021	0.349062	-2.86482	2.52919	4.39281	1.54387	1
cg14582929	1.30021	0.284755	1.17137	1.17137	2.52919	0.811691	0.285271	1
cg25329296	-1.07649	0.0405409	0.623223	-1.60456	2.52917	1.60085	0.562625	1
cg12206403	-1.14564	0.0568217	0.603681	-1.6565	2.52915	2.19584	0.771743	1
cg06426027	-1.54852	0.138151	0.436441	-2.29126	2.52915	10.8039	3.79713	1
cg23917249	1.40556	0.196278	0.651484	-1.53496	2.52914	3.93929	1.3845	1
cg08506306	-1.12428	0.106918	0.669129	-1.49448	2.52912	2.08729	0.733601	1
cg21690645	1.4117	0.996542	0.998427	-1.00158	2.52908	5.28663	1.85808	1
cg06520279	1.04086	0.980843	1.00291	1.00291	2.52905	0.58765	0.206543	1
cg16944597	1.32788	0.446205	0.723125	-1.38289	2.52903	6.9816	2.45386	1
cg10929213	1.61288	0.50816	1.13537	1.13537	2.52902	1.43271	0.503564	1
cg23509128	-1.19374	0.233667	0.232643	-4.29842	2.52901	54.6318	19.2019	1
cg26811372	10.9145	0.923214	1.06549	1.06549	2.529	17.3402	6.09468	1
cg15874611	1.22597	0.0533546	0.21311	-4.6924	2.6881	19.8658	5.748	1
cg12432898	1.15204	0.0278187	1.25224	1.25224	2.52898	0.299799	0.105374	1
cg23123679	1.04226	0.0254229	1.33741	1.33741	2.52894	0.479789	0.16864	1
cg12804865	-1.20008	0.582148	0.927326	-1.07837	2.52891	0.738277	0.259498	1
cg12963096	-1.0133	0.437968	0.899349	-1.11191	2.52889	0.720082	0.253105	1
cg19111971	-1.61356	0.626998	0.816391	-1.2249	2.52885	6.87264	2.41573	1
cg22864500	-1.27341	0.0661621	0.34041	-2.93764	2.52884	10.9492	3.84865	1
cg08700284	-1.05924	0.331416	1.18243	1.18243	2.52883	1.11986	0.393632	1
cg17055934	1.18076	0.20625	1.24257	1.24257	2.5288	1.06279	0.373578	1
cg23662947	-1.03832	0.725071	1.0582	1.0582	2.5288	1.02804	0.361364	1
cg09435415	8.534	0.124994	3.72468	3.72468	2.52876	25.1115	8.82698	1
cg01184149	-2.5172	0.165448	0.353692	-2.82732	2.52876	19.768	6.94871	1
cg00149213	-1.54466	0.0737502	0.213825	-4.67672	2.52872	23.9854	8.43128	1
cg06351596	1.28037	0.108209	0.527825	-1.89457	2.52865	5.32452	1.87171	1
cg14146092	-1.30519	0.461505	0.812649	-1.23054	2.52865	3.0671	1.07817	1
cg24508395	-1.02326	0.713605	0.970532	-1.03036	2.52862	0.263684	0.0926931	1
cg12472449	-3.13601	0.633999	0.604535	-1.65416	2.52861	44.0952	15.5009	1
cg07935520	1.18655	0.132633	1.33273	1.33273	2.52859	1.25478	0.441099	1
cg27103348	-2.7186	0.38925	0.715451	-1.39772	2.52856	5.76748	2.0275	1
cg00142670	-1.23953	0.0758083	2.43339	2.43339	2.52852	8.10975	2.85094	1
cg10096378	1.7204	0.831475	1.06815	1.06815	2.52851	3.83266	1.34736	1
cg15727583	4.0102	0.133691	2.91936	2.91936	2.5285	17.5677	6.17586	1
cg04119593	1.01179	0.70426	1.08819	1.08819	2.52848	1.96675	0.691413	1
cg16521213	1.30043	0.297506	0.490931	-2.03695	2.52847	17.3773	6.10901	1
cg02335988	1.04406	0.948666	0.99124	-1.00884	2.52847	0.747817	0.262897	1
cg11712458	1.17604	0.127623	1.36638	1.36638	2.52847	1.43796	0.50552	1
cg11712506	-2.46122	0.689529	0.803781	-1.24412	2.52847	11.8481	4.16522	1
cg11902278	-1.0348	0.570232	0.935536	-1.06891	2.52845	0.540173	0.1899	1
cg20278291	2.30048	0.39722	0.550473	-1.81662	2.52845	18.9909	6.67636	1
cg06877462	-5.56425	0.199361	0.473805	-2.11058	2.52844	12.1515	4.27196	1
cg20137461	-1.12858	0.12948	0.709008	-1.41042	2.52844	1.76483	0.620437	1
cg16046951	-1.47079	0.274627	1.45923	1.45923	2.52841	4.42621	1.55608	1
cg19157243	-1.96464	0.122862	3.24725	3.24725	3.00742	14.1547	4.70659	1
cg13330671	-2.71425	0.0897349	0.335224	-2.98308	2.52838	13.6714	4.80639	1
cg07249227	1.03847	0.910111	1.01403	1.01403	2.52837	0.609298	0.214208	1
cg11862959	2.47891	0.200714	2.88079	2.88079	2.52837	24.5444	8.62899	1
cg06368760	-1.57206	0.661271	1.11922	1.11922	2.5283	2.61297	0.918656	1
cg13442200	1.13066	0.645725	0.890768	-1.12263	2.52829	2.50045	0.879102	1
cg11342615	-1.47906	0.882623	1.0706	1.0706	2.52827	8.5372	3.00151	1
cg03571764	-1.57718	0.418371	0.690468	-1.44829	2.52825	8.03311	2.8243	1
cg23719342	-1.01332	0.208719	0.65921	-1.51697	2.52824	3.95931	1.39203	1
cg21886364	1.31331	0.217702	1.58899	1.58899	2.5282	5.10649	1.79539	1
cg07941017	1.1757	0.232849	1.1872	1.1872	2.52819	0.753373	0.264879	1
cg00528600	1.0483	0.632665	0.90666	-1.10295	2.52818	1.65788	0.582897	1
cg02147592	-1.26097	0.317235	0.831752	-1.20228	2.52818	1.27124	0.446959	1
cg05422360	1.19505	0.687716	1.23987	1.23987	2.52816	11.3368	3.98596	1
cg17859882	-1.04914	0.315036	1.15537	1.15537	2.52815	0.773727	0.27204	1
cg05515957	1.10203	0.299021	0.842532	-1.1869	2.52814	1.01459	0.356729	1
cg17298788	1.13891	0.142927	0.648405	-1.54225	2.52814	3.03151	1.06587	1
cg08317133	-1.21965	0.952859	0.981962	-1.01837	2.52813	3.79583	1.33461	1
cg15645804	1.32849	0.0694012	2.01536	2.01536	2.52812	4.76614	1.67577	1
cg11567310	1.035	0.639769	1.08814	1.08814	2.52812	1.28564	0.452035	1
cg21900928	1.61882	0.460143	0.622369	-1.60676	2.52811	15.9225	5.59838	1
cg20539986	1.10026	0.106194	0.391432	-2.55472	2.52811	11.3154	3.97852	1
cg09842161	-4.07565	0.167296	0.41467	-2.41156	2.52809	14.3173	5.03403	1
cg23508908	1.40091	0.859627	1.07166	1.07166	2.52808	6.12066	2.15207	1
cg07753583	6.66871	0.219729	3.56469	3.56469	2.52808	38.8435	13.6576	1
cg20886263	1.09215	0.483072	1.13754	1.13754	2.52806	1.30867	0.460141	1
cg01459389	-2.24312	0.171382	0.393097	-2.5439	2.52805	16.4601	5.78753	1
cg01376318	1.16267	0.648148	0.908949	-1.10017	2.52803	1.72865	0.607815	1
cg08580057	1.43385	0.601411	0.881227	-1.13478	2.52803	2.30425	0.810207	1
cg22746109	1.12823	0.0359294	0.571852	-1.7487	2.52803	2.09985	0.738337	1
cg10543797	1.11562	0.860359	0.951684	-1.05077	2.52799	3.16684	1.11352	1
cg00758420	-1.01503	0.521576	0.671182	-1.48991	2.52798	15.0823	5.30324	1
cg17372450	1.10174	0.983482	0.996787	-1.00322	2.52796	0.96735	0.340142	1
cg08419589	1.31921	0.0556167	13.8107	13.8107	2.68693	58.688	16.9883	1
cg09403559	1.19725	0.922543	0.976069	-1.02452	2.52795	2.48351	0.873264	1
cg11989942	1.03821	0.788335	0.931502	-1.07353	2.52795	2.78388	0.978882	1
cg06899799	-1.04115	0.317659	1.2821	1.2821	2.52786	2.31724	0.814824	1
cg06574229	6.78867	0.0735825	3.12783	3.12783	2.52783	13.0839	4.60086	1
cg24431161	-1.24122	0.0483259	0.441512	-2.26495	2.5278	5.25664	1.84847	1
cg20774475	1.07983	0.135928	1.48101	1.48101	2.52776	2.39131	0.840906	1
cg19168631	1.36069	0.317075	1.22588	1.22588	2.52776	1.55232	0.545876	1
cg17172661	-1.41009	0.0484453	0.522031	-1.91559	2.52768	3.32746	1.17014	1
cg21279207	1.00633	0.0169191	0.465762	-2.14702	2.52768	2.75352	0.968308	1
cg07231102	-1.5053	0.0605108	0.596443	-1.67661	2.52766	2.38647	0.839238	1
cg10942903	-7.90157	0.0903003	4.28755	4.28755	9.02479	18.6629	0.689321	1
cg23190164	-3.31591	0.815989	1.22912	1.22912	2.52762	31.3534	11.026	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04117688	OTUB1;OTUB1	0.103101	0.856769	1.10091	1.10091	0.563749	0.733045	-1.36417	0.191599	2.08679	2.08679	0.0588152	0.321224	-3.1131	0.0172684	0.213669	-4.68013	0.0544694	0.313174	-3.19311	0.68664	0.805898	-1.24085	0.800449	0.873917	-1.14427	0.103256	0.387413	-2.58122	2.52761	11.3343	3.98596	1
cg05863144	ATG2B	0.103102	0.24039	1.22162	1.22162	0.0555421	0.702321	-1.42385	0.108329	0.7518	-1.33014	0.0504138	1.43787	1.43787	0.63801	0.925726	-1.08023	0.816912	0.962936	-1.03849	0.117649	0.758247	-1.31883	0.809779	1.04005	1.04005	0.199369	1.24711	1.24711	2.5276	1.06174	0.373384	1
cg09767031	FNBP4	0.103103	0.0205183	1.5051	1.5051	0.219813	0.827789	-1.20804	0.111497	0.775751	-1.28907	0.433821	0.889596	-1.12411	0.135617	1.26566	1.26566	0.421258	0.886611	-1.12789	0.114176	1.28623	1.28623	0.938808	0.988816	-1.01131	0.796638	1.03855	1.03855	2.52759	0.858964	0.302076	1
cg13640959	SLC13A2;SLC13A2;SLC13A2;SLC13A2	0.103104	0.208782	1.20131	1.20131	0.151694	1.23691	1.23691	0.385867	0.884215	-1.13095	0.665152	0.941502	-1.06213	0.0689034	0.754429	-1.32551	0.321572	0.867833	-1.1523	0.0169215	0.668125	-1.49673	0.229916	0.839985	-1.1905	0.235293	0.841824	-1.1879	2.52758	0.767066	0.269759	1
cg05382305	HFM1	0.10311	0.210135	0.733643	-1.36306	0.614487	0.887709	-1.12649	0.582032	1.13926	1.13926	0.944001	1.01661	1.01661	0.484753	0.846611	-1.18118	0.0741793	0.627105	-1.59463	0.0104029	0.46922	-2.1312	0.0518416	0.595163	-1.68021	0.0617855	0.610578	-1.63779	2.52752	2.20182	0.774345	1
cg17841440	KLF16	0.103116	0.0644473	0.376829	-2.65372	0.221469	1.82902	1.82902	0.954976	0.973823	-1.02688	0.898335	0.941714	-1.06189	0.128577	0.462223	-2.16346	0.575148	0.766402	-1.3048	0.0650428	0.377844	-2.64659	0.0138061	0.239353	-4.17793	0.196696	0.526614	-1.89893	2.52745	8.83546	3.10738	1
cg19508900	TAS1R1;ZBTB48;TAS1R1;TAS1R1;TAS1R1	0.103119	0.0765919	2.11844	2.11844	0.146932	0.552529	-1.80986	0.835107	0.923636	-1.08268	0.0696725	2.16667	2.16667	0.549469	0.793888	-1.25962	0.026944	0.368434	-2.71419	0.705832	0.865438	-1.15548	0.256227	0.63657	-1.57092	0.634068	1.20052	1.20052	2.52742	5.81397	2.04477	1
cg16909914	ANKRD46	0.10312	0.0225541	0.288333	-3.46821	0.834631	0.909212	-1.09985	0.0751941	0.405751	-2.46457	0.282161	0.601197	-1.66335	0.0538945	0.369212	-2.70847	0.238442	0.569972	-1.75447	0.0126619	0.243914	-4.09981	0.365387	0.654802	-1.52718	0.159273	0.504168	-1.98347	2.52741	8.29728	2.91815	1
cg16717713	CCDC85C	0.103121	0.0416333	7.62489	7.62489	0.0805627	5.34542	5.34542	0.129546	4.12256	4.12256	0.130055	4.11361	4.11361	0.685938	1.42134	1.42134	0.0229144	10.5261	10.5261	0.0246128	10.125	10.125	0.176423	3.46588	3.46588	0.113134	4.4426	4.4426	2.5274	29.9421	10.5307	1
cg16574347	SLAIN1;SLAIN1	0.103121	0.0371244	2.66815	2.66815	0.456073	1.36047	1.36047	0.891715	1.05679	1.05679	0.0516465	2.45522	2.45522	0.518044	0.766639	-1.3044	0.0504867	2.46931	2.46931	0.112471	2.01521	2.01521	0.0285976	2.85009	2.85009	0.190081	1.75554	1.75554	2.52739	6.5827	2.31515	1
cg11251827	HSPA6	0.103122	0.128865	0.180499	-5.5402	0.522164	0.50829	-1.96738	0.28629	0.315004	-3.17456	0.273667	0.304725	-3.28165	0.0548197	0.103107	-9.69865	0.11649	0.168758	-5.92565	0.0132241	0.040612	-24.6233	0.0290888	0.0683476	-14.6311	0.0622335	0.111945	-8.93296	2.52739	43.5607	15.3204	1
cg23055003	SYCP2L	0.103123	0.0202794	10.3105	10.3105	0.61834	1.52003	1.52003	0.0678534	5.50211	5.50211	0.467914	0.540235	-1.85105	0.456414	0.531338	-1.88204	0.247279	2.74159	2.74159	0.672062	1.42616	1.42616	0.0183403	10.872	10.872	0.874302	1.14109	1.14109	2.52738	27.8213	9.78486	1
cg26201589	PAN2;PAN2;PAN2;CNPY2	0.103124	0.846415	1.04379	1.04379	0.308555	1.26228	1.26228	0.00458871	2.30242	2.30242	0.0873534	1.51761	1.51761	0.428894	1.19541	1.19541	0.109844	1.46992	1.46992	0.944268	1.01557	1.01557	0.302715	1.26612	1.26612	0.0623751	1.5898	1.5898	2.52737	1.9552	0.687654	1
cg14044707	USP20;USP20;USP20	0.103126	0.147911	0.327279	-3.05549	0.00550964	0.0724221	-13.8079	0.0276	0.153464	-6.51617	0.328888	0.484295	-2.06486	0.162397	0.341915	-2.9247	0.181362	0.360254	-2.77582	0.388938	0.529779	-1.88758	0.270168	0.437738	-2.28447	0.936278	0.944091	-1.05922	2.52735	20.7228	7.28839	1
cg01366467	DDRGK1	0.103127	0.580362	0.853937	-1.17105	0.200964	1.46507	1.46507	0.971851	0.990072	-1.01003	0.109694	1.63735	1.63735	0.697179	1.11692	1.11692	0.0107308	0.403902	-2.47585	0.525575	1.19947	1.19947	0.124057	0.62442	-1.60149	0.505176	1.21069	1.21069	2.52734	3.20031	1.12558	1
cg04133410	PTCH1;PTCH1;PTCH1	0.103127	0.727362	1.10558	1.10558	0.0111825	2.48858	2.48858	0.273558	1.38644	1.38644	0.440404	1.2531	1.2531	0.40978	0.785269	-1.27345	0.537651	1.19598	1.19598	0.0469961	0.52103	-1.91928	0.855078	0.948923	-1.05383	0.214409	1.45472	1.45472	2.52733	3.29139	1.15762	1
cg16826718	HRK	0.103134	0.65529	0.957174	-1.04474	0.262983	0.892544	-1.12039	0.802082	0.975832	-1.02477	0.58952	0.948324	-1.05449	0.739095	1.0331	1.0331	0.756852	1.03072	1.03072	0.0124067	1.35413	1.35413	0.473394	1.07362	1.07362	0.0181014	1.32263	1.32263	2.52726	0.379804	0.133585	1
cg12685753	TEKT1	0.103137	0.0452574	0.329704	-3.03303	0.354199	0.631005	-1.58477	0.110816	0.432035	-2.31463	0.106893	0.427294	-2.34031	0.0435567	0.325937	-3.06808	0.0728818	0.380426	-2.62863	0.0658719	0.36902	-2.70988	0.028398	0.286587	-3.48935	0.0711069	0.377611	-2.64823	2.52723	9.3399	3.28507	1
cg04661128	PPAPDC2;C9orf68	0.103138	0.596706	1.3706	1.3706	0.00946759	6.9657	6.9657	0.773051	1.18613	1.18613	0.0163036	5.66229	5.66229	0.20054	2.22145	2.22145	0.547472	0.698123	-1.43241	0.126533	2.65312	2.65312	0.735403	1.2217	1.2217	0.504488	1.49157	1.49157	2.52722	13.9488	4.90616	1
cg12605080	CTDSPL;CTDSPL	0.103144	0.0222854	0.383521	-2.60742	0.787153	1.09932	1.09932	0.709518	0.877289	-1.13988	0.389866	0.734702	-1.3611	0.0245617	0.391812	-2.55224	0.0309981	0.412291	-2.42547	0.17204	0.60132	-1.66301	0.687246	0.867965	-1.15212	0.0744539	0.4989	-2.00441	2.52715	4.89966	1.72338	1
cg01812577	CHRM1	0.103144	0.246597	0.826347	-1.21015	0.33537	0.855224	-1.16928	0.59706	0.919445	-1.08761	0.0594681	1.3978	1.3978	0.932903	0.986831	-1.01334	0.87523	0.975567	-1.02505	0.053172	0.707624	-1.41318	0.0363423	0.681773	-1.46676	0.174053	1.25564	1.25564	2.52715	0.991913	0.348891	1
cg04138112	DUSP27	0.103145	0.605789	0.509486	-1.96276	0.0574258	16.1791	16.1791	0.0591483	15.7987	15.7987	0.694016	1.66889	1.66889	0.0260143	0.032642	-30.6354	0.874629	1.22695	1.22695	0.498867	0.410959	-2.43333	0.197181	0.171024	-5.84713	0.551565	0.45828	-2.18207	2.52715	67.1547	23.6207	1
cg20523861	KLHL1;KLHL1;ATXN8OS	0.103145	0.687134	0.626052	-1.59731	0.965746	0.95154	-1.05093	0.780705	1.38102	1.38102	0.454063	0.413904	-2.41602	0.0738617	0.0997991	-10.0201	0.322047	0.306268	-3.26511	0.209773	0.216761	-4.61337	0.00900245	46.5918	46.5918	0.418908	2.59962	2.59962	2.52714	53.5515	18.836	1
cg11144177	POMZP3;LOC100133091;POMZP3	0.103148	0.938767	1.02103	1.02103	0.0269907	2.03258	2.03258	0.0550663	1.8024	1.8024	0.714878	1.10448	1.10448	0.648328	0.883054	-1.13243	0.800917	0.933855	-1.07083	0.129256	0.641485	-1.55888	0.0643618	0.569579	-1.75568	0.572963	1.16681	1.16681	2.52711	2.93601	1.03271	1
cg09355190	RHOT2	0.103151	0.595089	0.890889	-1.12247	0.0125152	1.9525	1.9525	0.927604	1.01977	1.01977	0.0509761	1.61417	1.61417	0.0598751	1.57979	1.57979	0.0937944	1.4872	1.4872	0.498889	1.15935	1.15935	0.743454	0.931708	-1.0733	0.687258	0.916523	-1.09108	2.52708	1.85674	0.653102	1
cg14595269	RHEB	0.103154	0.299837	1.13963	1.13963	0.0679243	0.7798	-1.28238	0.154012	1.20399	1.20399	0.944953	1.00844	1.00844	0.556567	0.930218	-1.07502	0.605057	1.06552	1.06552	0.371828	1.118	1.118	0.00911217	1.49633	1.49633	0.340961	1.12679	1.12679	2.52705	0.592234	0.208318	1
cg21123573	SIRT4	0.103155	0.719553	1.14338	1.14338	0.433312	1.346	1.346	0.340277	0.69404	-1.44084	0.975557	1.01145	1.01145	0.720808	1.14266	1.14266	0.0191628	0.348773	-2.8672	0.730077	0.879226	-1.13736	0.210598	1.6327	1.6327	0.0217397	2.78354	2.78354	2.52704	5.52733	1.94425	1
cg26699546	AHNAK	0.103156	0.954635	1.00997	1.00997	0.574637	0.905833	-1.10396	0.72477	1.0636	1.0636	0.530806	0.895175	-1.1171	0.198203	1.26767	1.26767	0.21038	0.794375	-1.25885	0.00433596	1.94434	1.94434	0.822548	0.961581	-1.03995	0.504431	0.888569	-1.12541	2.52703	1.21744	0.428239	1
cg01762315	MCFD2;MCFD2	0.103158	0.102637	0.372519	-2.68442	0.170204	0.445887	-2.24272	0.0303213	0.244677	-4.08702	0.274005	0.532923	-1.87644	0.0309594	0.246442	-4.05776	0.0664239	0.320393	-3.12117	0.0773516	0.33767	-2.96147	0.614884	1.32378	1.32378	0.0825929	0.345414	-2.89508	2.527	12.2356	4.30397	1
cg06708560	DNAJC7;DNAJC7;DNAJC7;NKIRAS2	0.103161	0.831669	1.04748	1.04748	0.0690347	1.55789	1.55789	0.348242	1.23422	1.23422	0.134872	0.703813	-1.42083	0.549576	0.876398	-1.14103	0.0193877	1.85155	1.85155	0.254862	0.771784	-1.2957	0.747109	1.07304	1.07304	0.120679	1.44305	1.44305	2.52697	1.90034	0.668464	1
cg06797330	GLI2	0.103162	0.022287	0.574339	-1.74113	0.42759	0.848758	-1.17819	0.89284	0.973082	-1.02766	0.0953178	0.690035	-1.4492	0.715108	0.928471	-1.07704	0.529184	0.878919	-1.13776	0.0449494	1.59342	1.59342	0.205583	0.763109	-1.31043	0.110189	0.702954	-1.42257	2.52696	1.64039	0.577028	1
cg21713780	CHSY1	0.103165	0.311698	0.754402	-1.32555	0.16418	0.67051	-1.4914	0.0742218	0.585265	-1.70863	0.825594	0.942303	-1.06123	0.00947501	0.412614	-2.42357	0.769958	0.924075	-1.08216	0.0809149	0.593831	-1.68398	0.648572	0.883771	-1.13152	0.0259402	0.490708	-2.03787	2.52693	2.902	1.02082	1
cg22942971	C1orf69	0.103166	0.202646	0.553983	-1.80511	0.82152	1.10431	1.10431	0.833757	1.09668	1.09668	0.078359	0.423729	-2.36	0.281067	0.611427	-1.63552	?	?	?	0.156617	1.94513	1.94513	0.0168524	0.277922	-3.59814	0.410473	1.44714	1.44714	2.55414	6.93318	2.71449	1
cg01436551	ZNF148	0.103168	0.0482941	2.49177	2.49177	0.0810076	0.457154	-2.18745	0.146411	0.532208	-1.87896	0.503982	1.31568	1.31568	0.876466	0.939002	-1.06496	0.186705	1.76172	1.76172	0.292931	0.643118	-1.55492	0.0633986	2.32702	2.32702	0.778167	0.892022	-1.12105	2.5269	6.55088	2.30441	1
cg21035875	PRRT1	0.103171	0.747282	1.19008	1.19008	0.0097835	5.80214	5.80214	0.720945	0.824431	-1.21296	0.736298	0.833659	-1.19953	0.398522	1.59244	1.59244	0.195995	2.08758	2.08758	0.0168311	4.80655	4.80655	0.245973	1.92152	1.92152	0.774872	0.856971	-1.1669	2.52686	11.5949	4.07882	1
cg17319601	MCF2L2	0.103171	0.224225	0.724228	-1.38078	0.246629	1.35821	1.35821	0.474739	1.20166	1.20166	0.421205	1.23078	1.23078	0.169567	0.690889	-1.44741	0.02436	0.507597	-1.97007	0.934077	0.979311	-1.02113	0.0669776	1.6802	1.6802	0.231738	0.728349	-1.37297	2.52686	2.55582	0.899075	1
cg27090029	ARAP1;ARAP1;ARAP1	0.103173	0.0515062	4.33881	4.33881	0.294775	2.05323	2.05323	0.648437	1.35516	1.35516	0.216708	2.36463	2.36463	0.35799	1.86983	1.86983	0.132993	2.92468	2.92468	0.0083383	9.32031	9.32031	0.0229489	6.05752	6.05752	0.360067	1.86451	1.86451	2.52684	17.5428	6.17119	1
cg11662315	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.103177	0.193498	1.44157	1.44157	0.040206	1.87778	1.87778	0.143293	0.658309	-1.51904	0.914926	1.02881	1.02881	0.906374	0.969209	-1.03177	0.157587	1.49433	1.49433	0.0342623	0.518643	-1.92811	0.569275	1.1652	1.1652	0.462356	0.819656	-1.22002	2.5268	2.82753	0.994682	1
cg15821401	SLC6A9;SLC6A9;SLC6A9	0.10318	0.510512	0.627597	-1.59338	0.00413518	0.068311	-14.6389	0.107967	0.294023	-3.4011	0.621905	1.41473	1.41473	0.278266	0.455266	-2.19652	0.202008	0.390536	-2.56058	0.333075	0.498144	-2.00745	0.0972512	0.280776	-3.56156	0.952343	1.0426	1.0426	2.52677	19.4938	6.85771	1
cg17846466	MCOLN2	0.103181	0.103863	0.498234	-2.00709	0.455331	1.347	1.347	0.041445	0.398028	-2.51239	0.0265786	0.35711	-2.80026	0.158672	1.80442	1.80442	0.645369	0.83399	-1.19906	0.128738	0.525626	-1.90249	0.29783	0.655216	-1.52621	0.975991	0.98828	-1.01186	2.52676	6.14148	2.16051	1
cg03828494	ERN1	0.103182	0.277381	0.775582	-1.28936	0.957079	0.987965	-1.01218	0.951471	1.01379	1.01379	0.00302974	0.400896	-2.49441	0.708062	0.918855	-1.08831	0.901294	0.972471	-1.02831	0.525412	0.865224	-1.15577	0.266914	1.29721	1.29721	0.446695	1.19064	1.19064	2.52674	2.0254	0.712519	1
cg21238743	GREB1	0.103185	0.0786577	0.458153	-2.18268	0.594683	1.23939	1.23939	0.222022	1.67018	1.67018	0.358082	0.685435	-1.45893	0.00757384	0.253383	-3.9466	0.957644	0.978997	-1.02145	0.821947	1.09426	1.09426	0.507978	0.764599	-1.30788	0.125421	0.515396	-1.94026	2.52672	6.39169	2.24857	1
cg10462048	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.103186	0.0200859	3.06783	3.06783	0.0167557	3.21206	3.21206	0.382779	1.43008	1.43008	0.202772	1.71159	1.71159	0.10443	2.03281	2.03281	0.515368	1.30165	1.30165	0.108901	2.01136	2.01136	0.0392388	2.59472	2.59472	0.177247	1.77389	1.77389	2.52671	6.39263	2.24891	1
cg17819520	NCRNA00219;SNORA13	0.103188	0.132728	0.767912	-1.30223	0.986233	0.997195	-1.00281	0.00387018	1.88408	1.88408	0.495081	1.11938	1.11938	0.814472	0.962456	-1.03901	0.646008	1.0782	1.0782	0.560775	0.90869	-1.10048	0.858805	1.02941	1.02941	0.302217	1.19004	1.19004	2.52669	1.06051	0.373086	1
cg09058293	SH2B3	0.10319	0.658483	0.876105	-1.14142	0.433098	1.26854	1.26854	0.148474	1.58542	1.58542	0.191263	1.50897	1.50897	0.0939236	0.578297	-1.72922	0.0581349	0.529009	-1.89033	0.0352658	2.07319	2.07319	0.694142	1.1247	1.1247	0.563403	1.18969	1.18969	2.52666	3.53808	1.24471	1
cg22429852	KPNA2	0.103191	0.807763	0.927555	-1.0781	0.115115	1.69642	1.69642	0.219927	1.48874	1.48874	0.0635493	1.90324	1.90324	0.409126	0.77071	-1.2975	0.578548	0.841039	-1.18901	0.0804492	0.549807	-1.81882	0.0319229	2.17187	2.17187	0.992719	0.997189	-1.00282	2.52665	3.80856	1.33987	1
cg07213616	ZSWIM6	0.103192	0.466203	0.871041	-1.14805	0.317368	1.21221	1.21221	0.695511	1.07598	1.07598	0.676713	0.924896	-1.0812	0.401221	0.852162	-1.17349	0.267774	1.23979	1.23979	0.00569937	1.96417	1.96417	0.062849	1.47653	1.47653	0.726669	1.06753	1.06753	2.52664	1.38727	0.48805	1
cg10215844	BTBD9;BTBD9;BTBD9	0.103193	0.404959	1.31193	1.31193	0.572308	0.833765	-1.19938	0.406668	0.763023	-1.31058	0.0779549	1.86655	1.86655	0.273224	0.695361	-1.4381	0.546851	1.21442	1.21442	0.00930631	2.86113	2.86113	0.107825	1.74909	1.74909	0.88585	1.04683	1.04683	2.52664	4.06257	1.42924	1
cg20057475	CTBP1;CTBP1	0.103196	0.296894	0.62982	-1.58775	0.357292	1.49887	1.49887	0.993702	0.996632	-1.00338	0.785089	0.889719	-1.12395	0.0144275	0.275567	-3.62888	0.0466214	0.377559	-2.64859	0.0689314	0.418898	-2.38722	0.929515	1.03854	1.03854	0.0801212	0.436055	-2.29329	2.5266	7.31265	2.57268	1
cg00061629	ALX4	0.103196	0.0399288	0.192951	-5.18267	0.00771729	0.0933542	-10.7119	0.535345	0.647317	-1.54484	0.246099	2.31736	2.31736	0.619495	1.41457	1.41457	0.430173	0.572402	-1.74702	0.705602	0.768784	-1.30076	0.366098	0.525532	-1.90283	0.591299	1.45579	1.45579	2.5266	19.2085	6.75779	1
cg13850355	GABRB1	0.103199	0.0704188	0.78616	-1.27201	0.230404	1.16149	1.16149	0.0391283	1.32849	1.32849	0.238668	1.15816	1.15816	0.0517761	1.30128	1.30128	0.275109	0.873632	-1.14465	0.622665	0.942695	-1.06079	0.735772	1.04112	1.04112	0.317446	1.13083	1.13083	2.52657	0.566463	0.199291	1
cg19976011	SEP15;HS2ST1;SEP15;HS2ST1	0.103202	0.277373	0.797159	-1.25446	0.027022	0.591318	-1.69114	0.103678	0.699695	-1.42919	0.340232	1.21804	1.21804	0.0948564	1.44537	1.44537	0.40175	0.841793	-1.18794	0.533653	1.13486	1.13486	0.153173	1.35929	1.35929	0.56522	0.88988	-1.12375	2.52654	1.61145	0.566941	1
cg26542412	TGFBR3	0.103203	0.685105	1.08877	1.08877	0.67348	1.09245	1.09245	0.256148	1.28055	1.28055	0.254724	0.780282	-1.28159	0.012317	0.52191	-1.91604	0.438902	1.17905	1.17905	0.0595226	0.641656	-1.55847	0.12083	0.704	-1.42045	0.884985	0.970254	-1.03066	2.52653	1.74165	0.612751	1
cg18969798	DCLK2;DCLK2	0.103207	0.151673	0.529383	-1.88899	0.0198326	0.312026	-3.20486	0.146453	0.524428	-1.90684	0.717276	1.1625	1.1625	0.0845449	0.453834	-2.20345	0.0965647	0.469803	-2.12855	0.264416	0.617754	-1.61877	0.776813	1.12489	1.12489	0.166541	1.84187	1.84187	2.52648	6.86085	2.41385	1
cg16442814	TSKU	0.103208	0.164466	1.34372	1.34372	0.832609	1.04306	1.04306	0.393117	0.840086	-1.19035	0.234729	1.28158	1.28158	0.404058	1.18538	1.18538	0.0801041	1.4722	1.4722	0.0388921	1.61007	1.61007	0.0381831	0.619677	-1.61374	0.970207	1.00747	1.00747	2.52647	1.58757	0.558555	1
cg03015433	MT3	0.103208	?	?	?	?	?	?	0.0275427	0.138749	-7.20727	0.188073	2.87792	2.87792	0.225374	0.381007	-2.62462	0.837227	0.855648	-1.16871	0.249538	2.48934	2.48934	0.523645	1.632	1.632	0.106901	3.7959	3.7959	2.58732	18.3045	8.08537	1
cg19815609	CXADR	0.10321	0.0114752	0.580679	-1.72212	0.184102	1.274	1.274	0.165285	1.28964	1.28964	0.925774	1.01614	1.01614	0.140286	0.761339	-1.31348	0.432061	0.871265	-1.14776	0.312773	1.19656	1.19656	0.295927	0.830047	-1.20475	0.972026	0.993991	-1.00604	2.52646	1.18194	0.415843	1
cg03671556	NCKAP5;NCKAP5	0.10321	0.135619	0.531918	-1.87999	0.0588279	0.432743	-2.31084	0.0766571	0.461677	-2.16602	0.654532	0.837964	-1.19337	0.0662455	0.445473	-2.2448	0.729231	0.872504	-1.14613	0.0514312	0.418796	-2.3878	0.0978568	2.03964	2.03964	0.904221	0.953851	-1.04838	2.52646	6.16412	2.16874	1
cg12101586	CYP1A1	0.10321	0.729523	1.25782	1.25782	0.280237	2.09966	2.09966	0.670082	1.32739	1.32739	0.918686	0.934743	-1.06981	0.0246464	0.170618	-5.86105	0.0341377	0.195189	-5.12324	0.158108	0.368898	-2.71078	0.167836	0.37854	-2.64173	0.25536	2.19185	2.19185	2.52645	17.4751	6.14831	1
cg14651650	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.10321	0.0295445	0.219846	-4.54864	0.118096	0.366708	-2.72697	0.974292	1.01923	1.01923	0.76822	0.839699	-1.1909	0.022114	0.197463	-5.06424	0.520455	0.680373	-1.46978	0.334999	1.8	1.8	0.261712	0.500614	-1.99755	0.0431718	0.252777	-3.95605	2.52645	13.9848	4.92032	1
cg13436296	MPP3;MPP3	0.103211	0.0564674	0.274351	-3.64497	0.391913	0.591363	-1.69101	0.907668	0.932872	-1.07196	0.747281	0.823963	-1.21365	0.00790038	0.129958	-7.69482	0.119189	0.363213	-2.75321	0.0716054	0.299742	-3.33621	0.114987	0.358275	-2.79115	0.0983998	0.337724	-2.961	2.52644	14.3522	5.0496	1
cg21626820	TNFRSF10C	0.103212	0.940829	1.03883	1.03883	0.439439	0.667217	-1.49876	0.00704473	0.167381	-5.9744	0.565281	1.34755	1.34755	0.0530606	0.323678	-3.08949	0.260207	0.547358	-1.82696	0.423928	1.52056	1.52056	0.447296	0.672027	-1.48804	0.124512	0.425942	-2.34774	2.52643	10.5366	3.70715	1
cg01738412	SLC25A40;SLC25A40;DBF4	0.103212	0.676768	1.07091	1.07091	0.0796909	1.37416	1.37416	0.989398	1.00217	1.00217	0.719065	1.06081	1.06081	0.823225	0.964095	-1.03724	0.221508	0.810583	-1.23368	0.00610722	0.557166	-1.7948	0.281862	0.832963	-1.20053	0.929051	1.01466	1.01466	2.52643	1.06863	0.375981	1
cg18221317	ZFP92	0.103212	0.575584	1.31643	1.31643	0.100153	0.416625	-2.40024	0.243378	0.552491	-1.80999	0.0853106	0.39669	-2.52086	0.0104359	0.208627	-4.79324	0.29721	1.69096	1.69096	0.36457	1.57279	1.57279	0.884864	0.931996	-1.07297	0.634978	0.79259	-1.26169	2.52643	9.45307	3.32593	1
cg15339789	MRPS27	0.103213	0.821356	0.970091	-1.03083	0.484212	1.10015	1.10015	0.0688225	0.760774	-1.31445	0.438594	0.899358	-1.1119	0.278034	0.859461	-1.16352	0.12101	1.25326	1.25326	0.0140866	1.50212	1.50212	0.770481	0.961484	-1.04006	0.473837	0.906826	-1.10275	2.52642	0.721298	0.253779	1
cg05929019	LAMC2;LAMC2	0.103214	0.085299	7.55854	7.55854	0.124544	5.86014	5.86014	0.425673	2.37485	2.37485	0.854931	1.21482	1.21482	0.374505	2.63582	2.63582	0.167232	4.78488	4.78488	0.105882	6.54009	6.54009	0.00950699	32.886	32.886	0.0242858	17.3731	17.3731	2.52641	45.235	15.9155	1
cg22158248	ALDH2	0.103214	0.0125523	0.33648	-2.97194	0.926305	1.03299	1.03299	0.96587	0.985101	-1.01512	0.388369	1.36364	1.36364	0.0290709	0.405554	-2.46577	0.721972	1.13354	1.13354	0.213559	0.631594	-1.5833	0.527622	0.798896	-1.25173	0.0818744	0.508438	-1.96681	2.5264	4.92497	1.7328	1
cg08124000	OSBPL5;OSBPL5;OSBPL5	0.103216	0.325433	1.44072	1.44072	0.0174462	2.83115	2.83115	0.0092645	3.27885	3.27885	0.302678	1.46808	1.46808	0.948678	1.02342	1.02342	0.125692	1.81469	1.81469	0.230213	1.57251	1.57251	0.662017	0.853698	-1.17137	0.793234	1.09907	1.09907	2.52639	5.17439	1.82057	1
cg16025468	WARS2;WARS2	0.103217	0.924667	1.018	1.018	0.696237	1.07683	1.07683	0.537236	1.12509	1.12509	0.203699	1.28801	1.28801	0.254983	1.25134	1.25134	0.00642088	0.512296	-1.952	0.728828	1.06786	1.06786	0.581107	1.11086	1.11086	0.119159	1.37583	1.37583	2.52638	1.42409	0.501055	1
cg15471079	HERC5;HERC5	0.103219	0.839732	1.07938	1.07938	0.286234	1.51858	1.51858	0.780561	1.1111	1.1111	0.323761	1.4688	1.4688	0.478473	1.31236	1.31236	0.943434	1.02713	1.02713	0.00422566	0.235778	-4.24127	0.22031	0.614997	-1.62603	0.758635	1.12329	1.12329	2.52636	5.69383	2.00335	1
cg06889979	NCRNA00171	0.10322	0.822187	1.06735	1.06735	0.143164	0.634049	-1.57717	0.296375	0.73086	-1.36825	0.251472	1.41473	1.41473	0.0350547	0.491095	-2.03626	0.601796	1.16469	1.16469	0.0268516	2.13677	2.13677	0.675423	1.12969	1.12969	0.394517	1.28729	1.28729	2.52634	3.35513	1.1805	1
cg06664147	ANKRD11	0.103222	0.774899	1.057	1.057	0.153133	1.34416	1.34416	0.0213733	1.70688	1.70688	0.710801	1.07466	1.07466	0.341579	0.8274	-1.2086	0.499448	1.14173	1.14173	0.0574005	1.5152	1.5152	0.0330971	1.61883	1.61883	0.0796773	1.45652	1.45652	2.52632	1.49561	0.526233	1
cg10894222	RNF13;RNF13	0.103224	0.272572	0.839175	-1.19165	0.398793	1.14183	1.14183	0.124679	0.774741	-1.29075	0.619053	1.08	1.08	0.57827	1.09005	1.09005	0.488543	0.897593	-1.11409	0.0197628	1.54064	1.54064	0.0545943	0.715488	-1.39765	0.365137	0.866864	-1.15358	2.5263	0.94324	0.331882	1
cg25132241	FBLN5	0.103225	0.0179753	0.36757	-2.72057	0.84631	1.06989	1.06989	0.968766	0.986462	-1.01372	0.257487	0.662733	-1.5089	0.0175307	0.365541	-2.73567	0.716944	0.880954	-1.13513	0.113493	0.549064	-1.82128	0.549058	1.23498	1.23498	0.0944877	0.527355	-1.89626	2.52629	4.84896	1.70613	1
cg01656717	WWP2;WWP2	0.103228	0.0475854	1.89237	1.89237	0.470994	1.22928	1.22928	0.417423	1.26274	1.26274	0.0503554	1.87375	1.87375	0.145863	0.644339	-1.55198	0.188594	0.675613	-1.48014	0.194117	0.679276	-1.47216	0.247361	1.40562	1.40562	0.325848	1.33053	1.33053	2.52626	3.1706	1.11561	1
cg11635074	VPS25	0.103233	0.682356	0.842634	-1.18676	0.30385	0.642025	-1.55757	0.514616	0.75959	-1.3165	0.00974647	0.256598	-3.89715	0.0980609	0.469957	-2.12785	0.922046	0.960089	-1.04157	0.0266407	0.335162	-2.98363	0.0538954	0.402263	-2.48594	0.989913	0.994753	-1.00527	2.5262	6.92756	2.43758	1
cg07716663	POU2F2;POU2F2	0.103234	0.0559285	6.14128	6.14128	0.00639442	19.5684	19.5684	0.870364	0.872062	-1.14671	0.178383	3.31502	3.31502	0.0476576	6.67472	6.67472	0.205744	3.06129	3.06129	0.460058	1.87842	1.87842	0.845192	1.17804	1.17804	0.286197	2.53028	2.53028	2.52619	28.1075	9.89015	1
cg12477119	CDK12;CDK12	0.103236	0.0424502	0.683378	-1.46332	0.0778551	1.37609	1.37609	0.399747	1.15079	1.15079	0.408023	0.871202	-1.14784	0.552352	0.9067	-1.1029	0.0653492	0.71388	-1.4008	0.236555	0.817045	-1.22392	0.170984	1.26808	1.26808	0.522606	1.11135	1.11135	2.52618	1.06202	0.373694	1
cg21979724	AMIGO2;AMIGO2	0.103241	0.363568	0.686321	-1.45704	0.259144	0.622152	-1.60732	0.130215	0.51743	-1.93263	?	?	?	0.0104727	0.272842	-3.66512	?	?	?	0.435037	1.37859	1.37859	0.540533	1.28372	1.28372	0.180697	0.563849	-1.77352	2.58695	5.17847	2.28773	1
cg25384333	RALGPS2	0.103241	0.217892	0.718117	-1.39253	0.207424	0.712049	-1.4044	0.0793399	0.608015	-1.6447	0.787797	1.07135	1.07135	0.00479685	0.384357	-2.60175	0.0816123	0.610765	-1.63729	0.664596	0.894544	-1.11789	0.510399	0.843192	-1.18597	0.148773	0.673277	-1.48527	2.52612	2.61094	0.918734	1
cg20241567	LOC730101;LOC730101	0.103243	0.334242	1.21074	1.21074	0.460587	1.15517	1.15517	0.19307	0.767604	-1.30275	0.314652	0.819011	-1.22098	0.735182	1.06736	1.06736	0.535997	0.886621	-1.12788	0.00426619	0.479895	-2.08379	0.218264	0.779841	-1.28231	0.905823	0.97753	-1.02299	2.5261	1.47509	0.519058	1
cg05544394	DIP2C	0.103243	0.0308488	0.299808	-3.33547	0.1691	0.498539	-2.00586	0.604421	0.780119	-1.28185	0.692094	0.827691	-1.20818	0.0128579	0.230452	-4.3393	0.251195	0.565748	-1.76757	0.041164	0.326507	-3.06272	0.526469	1.35654	1.35654	0.251129	0.565699	-1.76772	2.5261	9.03141	3.17799	1
cg16378215	SV2A	0.103244	0.0453668	0.421584	-2.37201	0.519408	0.782116	-1.27858	0.0639838	2.18881	2.18881	0.123772	0.53406	-1.87245	0.162625	0.570699	-1.75224	0.303022	0.669348	-1.49399	0.956578	1.0207	1.0207	0.461841	1.32559	1.32559	0.0531934	0.437555	-2.28543	2.52609	5.66466	1.9933	1
cg00638384	DYRK2;DYRK2	0.103249	0.263511	1.64578	1.64578	0.670834	1.20049	1.20049	0.658137	1.20966	1.20966	0.597042	1.25613	1.25613	0.627479	0.811378	-1.23247	0.944187	1.03038	1.03038	0.00255179	5.98338	5.98338	0.0977442	2.17389	2.17389	0.796517	1.11678	1.11678	2.52603	7.30894	2.57195	1
cg00070899	GRM4	0.10325	0.870848	1.09003	1.09003	0.11095	2.50944	2.50944	0.158886	2.22063	2.22063	0.243525	0.523872	-1.90886	0.0233183	0.237852	-4.20429	0.311728	1.74101	1.74101	0.604425	0.758141	-1.31902	0.0964699	0.380258	-2.62979	0.50826	1.427	1.427	2.52603	11.2298	3.95167	1
cg01878761	DSCAML1	0.103252	0.129241	0.674157	-1.48333	0.62978	1.12392	1.12392	0.599403	1.13597	1.13597	0.98625	0.995864	-1.00415	0.927564	1.02211	1.02211	0.315304	1.28369	1.28369	0.0137533	2.08049	2.08049	0.175002	0.706836	-1.41476	0.0585673	1.67191	1.67191	2.526	2.31451	0.814465	1
cg14545970	CDC14B;CDC14B;CDC14B;CDC14B	0.103254	0.0175567	0.511145	-1.95639	0.208372	1.36071	1.36071	0.0493378	0.593953	-1.68364	0.154445	0.701896	-1.42471	0.223236	0.742905	-1.34607	0.122461	0.677948	-1.47504	0.736718	0.924632	-1.08151	0.185617	0.721849	-1.38533	0.612504	1.12593	1.12593	2.52598	2.15742	0.759192	1
cg23683046	KIF5B	0.103254	0.215624	0.562051	-1.7792	0.631011	0.807392	-1.23856	0.17869	0.531723	-1.88068	0.778389	1.13284	1.13284	0.0175609	0.27872	-3.58783	0.0655665	0.40106	-2.49339	0.0226386	0.299221	-3.34201	0.282273	0.6102	-1.63881	?	?	?	2.55317	7.02511	2.75153	1
cg01441308	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.103256	0.508035	1.31556	1.31556	0.259684	1.61646	1.61646	0.993858	1.00315	1.00315	0.802041	1.10805	1.10805	0.497154	1.32519	1.32519	0.739857	0.872755	-1.1458	0.00351725	5.03555	5.03555	0.0649614	2.33133	2.33133	0.150882	1.87528	1.87528	2.52597	6.67372	2.34849	1
cg14235568	H3F3B	0.103256	0.828195	0.9717	-1.02912	0.201122	0.836663	-1.19522	0.0620551	0.757673	-1.31983	0.22683	0.845686	-1.18247	0.0482294	0.742164	-1.34741	0.125492	0.803305	-1.24486	0.300009	1.15243	1.15243	0.0665512	1.31226	1.31226	0.62984	0.937869	-1.06625	2.52596	0.698004	0.245628	1
cg06844689	AACS	0.103258	0.017656	0.146699	-6.81669	0.640442	1.36728	1.36728	0.206209	2.42701	2.42701	0.0178912	0.147521	-6.77871	0.761787	1.22407	1.22407	0.218917	0.423233	-2.36276	0.993758	1.00522	1.00522	0.998246	0.99854	-1.00146	0.798886	1.18505	1.18505	2.52595	17.6908	6.22545	1
cg19756700	RAB3A	0.103258	0.803313	0.89382	-1.11879	0.0908384	0.432607	-2.31157	0.76184	1.14651	1.14651	0.0891776	2.32365	2.32365	0.464815	0.71561	-1.39741	0.0518539	2.70522	2.70522	0.30477	1.61291	1.61291	0.106365	0.452411	-2.21038	0.146859	0.496421	-2.01442	2.52594	8.09419	2.84837	1
cg03372974	COL6A3;COL6A3;COL6A3	0.103266	0.0347459	0.282412	-3.54093	0.617386	0.772027	-1.29529	0.469113	0.684978	-1.4599	0.135869	0.437957	-2.28333	0.0172075	0.22511	-4.44227	0.203976	0.502217	-1.99117	0.01592	0.219456	-4.55673	0.76427	0.856844	-1.16707	0.185625	0.486254	-2.05654	2.52586	10.5574	3.71533	1
cg01477835	AFF1;AFF1	0.103267	0.0303111	0.195226	-5.12227	0.165183	0.38684	-2.58505	0.329969	0.52469	-1.90589	0.185909	0.40666	-2.45906	0.0691957	0.271361	-3.68513	0.0951212	0.308353	-3.24304	0.061601	0.259051	-3.86025	0.0157664	0.149878	-6.6721	0.0989962	0.313371	-3.19111	2.52585	16.4648	5.79423	1
cg18351999	SIGIRR;SIGIRR;SIGIRR	0.103268	0.452129	1.46094	1.46094	0.697984	0.824503	-1.21285	0.330503	1.64365	1.64365	0.968325	1.01984	1.01984	0.721617	0.837738	-1.19369	0.381721	0.641482	-1.55889	0.00506079	6.26014	6.26014	0.157596	2.11239	2.11239	0.0926544	2.49859	2.49859	2.52583	9.79703	3.44777	1
cg21504904	MSRA;MSRA;MSRA;MSRA	0.103269	0.516674	1.13397	1.13397	0.0165691	0.571417	-1.75004	0.284238	0.808387	-1.23703	0.0378674	1.58469	1.58469	0.0952961	0.704375	-1.4197	0.519041	0.8825	-1.13314	0.962498	0.991049	-1.00903	0.609581	0.90621	-1.1035	0.949029	1.0123	1.0123	2.52583	1.46267	0.514741	1
cg14788563	E2F3	0.103271	0.0641923	0.341348	-2.92957	0.349645	0.608012	-1.6447	0.178686	0.477887	-2.09254	0.723094	1.20185	1.20185	0.008881	0.178901	-5.58969	0.462722	0.679547	-1.47157	0.784257	0.867771	-1.15238	0.223648	1.93621	1.93621	0.122098	0.420637	-2.37735	2.52581	10.6844	3.76007	1
cg20519578	USP13	0.103271	0.0795223	2.08012	2.08012	0.760568	1.1219	1.1219	0.365225	0.704606	-1.41923	0.249531	1.57286	1.57286	0.115036	1.90576	1.90576	0.0394832	2.45055	2.45055	0.485322	1.30582	1.30582	0.0136519	3.15194	3.15194	0.135144	1.8333	1.8333	2.52581	5.66537	1.99377	1
cg05862885	INTS1	0.103272	0.294597	1.24444	1.24444	0.146512	1.36826	1.36826	0.0895252	1.45734	1.45734	0.465796	1.16105	1.16105	0.203519	0.763367	-1.30999	0.0516673	1.56136	1.56136	0.0180675	1.78199	1.78199	0.906988	1.02379	1.02379	0.481431	0.865921	-1.15484	2.52579	1.61907	0.569791	1
cg05491326	LDB2;LDB2	0.103273	0.763369	1.20237	1.20237	0.00704689	8.38144	8.38144	0.0335087	4.55428	4.55428	0.221564	2.19076	2.19076	0.154455	2.53541	2.53541	0.461629	1.58002	1.58002	0.531079	1.47296	1.47296	0.799063	0.855817	-1.16847	?	?	?	2.55296	13.3902	5.24496	1
cg25365783	PNPLA8	0.103275	0.862588	0.984003	-1.01626	0.282727	1.10949	1.10949	0.210171	1.1308	1.1308	0.856048	1.01705	1.01705	0.604298	1.04987	1.04987	0.888149	1.01319	1.01319	0.00436889	0.701593	-1.42533	0.500547	0.938334	-1.06572	0.351029	1.09346	1.09346	2.52576	0.346636	0.121991	1
cg15322500	AP2B1;AP2B1	0.103276	0.9312	1.01105	1.01105	0.398426	1.11628	1.11628	0.340553	0.882521	-1.13312	0.453978	1.10192	1.10192	0.774577	0.964123	-1.03721	0.598998	1.06985	1.06985	0.0279821	1.39146	1.39146	0.0163012	0.688173	-1.45312	0.291466	0.869985	-1.14945	2.52575	0.64763	0.22792	1
cg24343973	L3MBTL;L3MBTL	0.103277	0.039231	0.388735	-2.57244	0.510021	1.303	1.303	0.301567	0.654488	-1.52791	0.188653	0.57602	-1.73605	0.0835723	0.468372	-2.13505	0.0445129	0.401006	-2.49373	0.284321	1.55347	1.55347	0.0514258	0.415498	-2.40675	0.341283	0.678162	-1.47457	2.52574	6.2745	2.20819	1
cg03711802	ANKRD44	0.103277	0.373418	1.47	1.47	0.00483458	4.83526	4.83526	0.0566201	2.48392	2.48392	0.530946	1.30684	1.30684	0.496302	1.3381	1.3381	0.0777785	2.28522	2.28522	0.0834333	2.2433	2.2433	0.194407	1.78394	1.78394	0.518196	1.31811	1.31811	2.52573	7.11165	2.50282	1
cg12975220	MEIS1;MEIS1	0.103279	0.788131	0.965988	-1.03521	0.463737	1.10055	1.10055	0.0654658	0.766734	-1.30423	0.176586	0.83148	-1.20267	0.410313	1.11423	1.11423	0.320821	1.14085	1.14085	0.0336548	0.727065	-1.37539	0.901685	1.016	1.016	0.0616599	1.31049	1.31049	2.52572	0.660182	0.232341	1
cg14371329	GNAL	0.103282	0.987143	0.996769	-1.00324	0.86863	0.967301	-1.0338	0.0276787	0.59286	-1.68674	0.97592	1.00608	1.00608	0.480461	0.865851	-1.15493	0.599539	1.11227	1.11227	0.00805425	1.97725	1.97725	0.951589	1.01227	1.01227	0.757795	0.939768	-1.06409	2.52568	1.61343	0.56783	1
cg22826141	SFRP4	0.103284	0.264695	0.792505	-1.26182	0.0617146	0.656412	-1.52343	0.722165	0.931068	-1.07404	0.013905	0.544486	-1.83659	0.0642766	0.659743	-1.51574	0.533516	1.13446	1.13446	0.0382931	0.618613	-1.61652	0.196155	0.760762	-1.31447	0.596981	0.898752	-1.11265	2.52567	1.60086	0.563411	1
cg24403644	TOX2;TOX2;TOX2;TOX2	0.103284	0.0483112	0.309024	-3.236	0.12081	0.416608	-2.40034	0.107013	0.400227	-2.49858	0.188309	0.484079	-2.06578	0.0389086	0.28814	-3.47053	0.535175	0.721197	-1.38658	0.0220649	0.239591	-4.17378	0.658995	1.26003	1.26003	0.0753255	0.35681	-2.80261	2.52566	10.8349	3.81325	1
cg00218203	RNF157	0.103285	0.0306842	0.671668	-1.48883	0.807491	0.962452	-1.03901	0.683132	0.937687	-1.06645	0.80956	0.962858	-1.03858	0.310562	0.848329	-1.17879	0.46561	0.890112	-1.12345	0.0182577	1.56698	1.56698	0.956874	1.00851	1.00851	0.131619	1.29066	1.29066	2.52566	0.983077	0.345988	1
cg18437480	TMC8	0.103286	0.481721	0.818372	-1.22194	0.442162	0.802794	-1.24565	0.116525	0.620006	-1.61289	0.707763	0.899827	-1.11132	0.082824	0.583687	-1.71325	0.832601	1.06112	1.06112	0.0371967	0.507638	-1.96991	0.00850179	0.390073	-2.56362	0.0911359	0.593585	-1.68468	2.52565	3.1427	1.10606	1
cg22481253	HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1	0.103287	0.178671	0.806532	-1.23988	0.153358	0.794478	-1.25869	0.0454216	0.707997	-1.41244	0.0169895	0.645308	-1.54965	0.749276	0.952893	-1.04944	0.999507	1.00009	1.00009	0.345916	0.864095	-1.15728	0.0177664	0.648073	-1.54304	0.892472	1.02056	1.02056	2.52563	0.905834	0.318806	1
cg13273136	PSD4;LOC440839;PSD4	0.103289	0.0432015	0.52828	-1.89294	0.0523952	0.545933	-1.83173	0.0870944	0.595498	-1.67927	0.0950663	0.604559	-1.6541	0.0189351	0.458522	-2.18092	0.683608	0.893667	-1.11899	0.380082	0.781111	-1.28023	0.866505	1.04724	1.04724	0.0645966	0.565774	-1.76749	2.52561	3.01113	1.05977	1
cg01296875	ALG3;ALG3;ALG3;ALG3;ECE2;ECE2	0.10329	0.881026	0.950217	-1.05239	0.357042	0.723997	-1.38122	0.0918262	1.88294	1.88294	0.0687097	0.499231	-2.00308	0.0138608	0.354591	-2.82015	0.153754	0.594102	-1.68321	0.328083	0.708794	-1.41085	0.347708	0.719168	-1.3905	0.1974	0.628395	-1.59136	2.5256	4.65005	1.63659	1
cg02418899	ADCYAP1R1	0.103291	0.2096	0.84494	-1.18352	0.0115801	0.668836	-1.49513	0.0475163	0.749154	-1.33484	0.528028	1.08487	1.08487	0.238808	1.17022	1.17022	0.401687	1.11557	1.11557	0.627379	0.939575	-1.06431	0.572278	0.929873	-1.07542	0.599295	1.06989	1.06989	2.52559	0.649375	0.228549	1
cg00103806	ANKRD22	0.103294	0.0162055	0.452913	-2.20793	0.36328	1.28614	1.28614	0.330427	0.763011	-1.3106	0.0523167	0.551899	-1.81193	0.0258374	0.490318	-2.03949	0.687409	0.896783	-1.1151	0.134156	0.647232	-1.54504	0.740714	0.914445	-1.09356	0.39361	0.790292	-1.26535	2.52556	2.90144	1.02118	1
cg22308949	NRP2;NRP2;NRP2;NRP2;NRP2	0.103294	0.596698	1.20425	1.20425	0.0156232	2.80559	2.80559	0.233874	1.54394	1.54394	0.0214351	2.61642	2.61642	0.485998	1.27937	1.27937	0.596837	1.20416	1.20416	0.119613	1.7999	1.7999	0.0220621	2.59993	2.59993	0.41678	1.33485	1.33485	2.52556	4.84475	1.70514	1
cg20123915	SERF2;SERF2	0.103295	?	?	?	0.634413	0.687484	-1.45458	0.971786	0.972785	-1.02798	?	?	?	?	?	?	0.560354	0.630524	-1.58598	0.00771754	0.0528272	-18.9296	0.152478	0.293449	-3.40775	0.733441	1.30609	1.30609	3.00335	18.3806	6.12002	1
cg09388237	C10orf81	0.1033	0.935392	1.00753	1.00753	0.0584445	0.820475	-1.21881	0.063357	0.824294	-1.21316	0.832288	1.01982	1.01982	0.00721611	0.725512	-1.37834	0.338992	0.912828	-1.0955	0.0900323	0.84121	-1.18876	0.932939	0.992242	-1.00782	0.440473	0.929784	-1.07552	2.52549	0.34256	0.12057	1
cg03438742	SLC25A27;CYP39A1;SLC25A27	0.103302	0.643441	0.94598	-1.05711	0.0243156	1.37685	1.37685	0.807573	1.0295	1.0295	0.300638	1.1363	1.1363	0.019342	1.40071	1.40071	0.0981243	1.24129	1.24129	0.886358	1.01718	1.01718	0.182853	0.845016	-1.18341	0.492072	1.08668	1.08668	2.52548	0.567713	0.199817	1
cg16562913	ANKRD1	0.103302	0.675322	1.09039	1.09039	0.741564	1.07035	1.07035	0.135549	0.718582	-1.39163	0.0156881	1.83749	1.83749	0.365915	1.21026	1.21026	0.0514952	1.5768	1.5768	0.564467	1.12712	1.12712	0.507775	0.871068	-1.14802	0.202295	0.758392	-1.31858	2.52547	1.68801	0.594128	1
cg16638385	SOST	0.103303	0.0583679	14.0284	14.0284	0.130509	7.5111	7.5111	0.248057	4.44168	4.44168	0.154911	6.55139	6.55139	0.0615293	13.4717	13.4717	0.105468	8.88099	8.88099	0.0391144	19.0689	19.0689	0.0241317	27.6697	27.6697	0.0472103	16.5068	16.5068	2.52547	60.9815	21.4637	1
cg08678755	ENPP3	0.103305	0.0451888	0.342509	-2.91963	0.794686	0.885501	-1.1293	0.739608	0.85596	-1.16828	0.0129043	0.23709	-4.21781	0.135274	0.472035	-2.11849	0.0546617	0.361912	-2.7631	0.340491	1.58096	1.58096	0.18202	0.516596	-1.93575	0.690607	0.829816	-1.20509	2.52545	8.69611	3.0608	1
cg11402700	CARKD	0.103308	0.961313	1.03022	1.03022	0.0568297	0.266344	-3.75454	0.829494	0.876023	-1.14152	0.885909	1.09211	1.09211	0.312151	0.526392	-1.89972	0.83151	1.13971	1.13971	0.00566576	0.107776	-9.27849	0.302742	1.92554	1.92554	0.530773	1.47655	1.47655	2.52541	15.0663	5.30302	1
cg12767885	INPP5A	0.103308	0.0253679	1.49542	1.49542	0.362301	0.867817	-1.15232	0.249619	0.833451	-1.19983	0.608562	0.924771	-1.08135	0.652633	1.07101	1.07101	0.0201112	1.52888	1.52888	0.65841	0.934851	-1.06969	0.72078	1.05584	1.05584	0.258649	0.836565	-1.19536	2.52541	0.91694	0.322743	1
cg10324630	CLCNKB;CLCNKB;CLCNKB	0.103311	0.309041	1.96325	1.96325	0.153389	2.66339	2.66339	0.860502	1.11931	1.11931	0.771644	1.205	1.205	0.277462	0.484931	-2.06215	0.382563	1.77502	1.77502	0.872243	0.902014	-1.10863	?	?	?	0.00479942	11.0037	11.0037	2.55256	14.7554	5.78064	1
cg24068229	FBXO27	0.103311	0.88766	0.953216	-1.04908	0.0315552	2.35055	2.35055	0.098271	1.84908	1.84908	0.0451234	2.17981	2.17981	0.703955	0.878612	-1.13816	0.631878	1.17777	1.17777	0.384564	0.739185	-1.35284	0.155456	1.67407	1.67407	0.0357222	2.28979	2.28979	2.52538	4.59584	1.61766	1
cg13578020	RAD21	0.103317	0.0370665	0.576955	-1.73324	0.169007	0.71684	-1.39501	0.221513	1.339	1.339	0.0921325	1.52375	1.52375	0.863622	1.03983	1.03983	0.572662	1.13826	1.13826	0.515196	0.860786	-1.16173	0.120428	0.682044	-1.46618	0.139836	1.43461	1.43461	2.52531	2.0641	0.726544	1
cg19322788	TMEM132B	0.103318	0.520485	0.722408	-1.38426	0.570348	0.751021	-1.33152	0.449317	0.680544	-1.46941	0.0832639	2.60439	2.60439	0.854695	0.912549	-1.09583	0.212082	1.92739	1.92739	0.978532	0.986657	-1.01352	0.00682801	5.75047	5.75047	0.169045	2.0781	2.0781	2.52531	9.9668	3.50824	1
cg02652978	PLCG2	0.103325	0.534142	0.826149	-1.21044	0.0511908	0.509918	-1.9611	0.0492032	0.506129	-1.97578	0.31845	0.731426	-1.36719	0.745948	1.10363	1.10363	0.879614	1.04704	1.04704	0.0186372	2.37517	2.37517	0.948199	0.980485	-1.0199	0.856102	0.946429	-1.0566	2.52523	3.67955	1.29521	1
cg03386373	SPATA3	0.103326	0.128711	0.554408	-1.80372	0.0186422	0.358969	-2.78576	0.760016	0.895776	-1.11635	0.377868	0.722493	-1.3841	0.00682694	0.283964	-3.52157	0.926323	0.967319	-1.03379	0.914449	1.03936	1.03936	0.821198	0.921897	-1.08472	0.961387	1.01754	1.01754	2.52522	5.16158	1.8169	1
cg01552792	SETD1A;SETD1A	0.103327	?	?	?	0.390716	0.668493	-1.4959	0.204424	0.541593	-1.84641	0.932655	1.03946	1.03946	0.318638	1.60316	1.60316	0.720193	0.84814	-1.17905	0.0182164	0.269112	-3.71593	0.0212437	0.281363	-3.55413	0.650443	1.23232	1.23232	2.55238	7.53477	2.95205	1
cg00185170	AASS	0.103328	0.983392	1.00443	1.00443	0.134963	0.710269	-1.40792	0.555723	1.13487	1.13487	0.0194968	0.549131	-1.82106	0.754634	0.935607	-1.06882	0.0124161	0.516539	-1.93596	0.10381	0.685491	-1.45881	0.756616	0.93613	-1.06823	0.936616	1.01703	1.01703	2.5252	1.80253	0.634505	1
cg04676766	TIGD4	0.103331	0.435708	0.750181	-1.33301	0.05146	0.448696	-2.22868	0.0469212	0.439493	-2.27535	0.36557	1.39937	1.39937	0.0390437	0.421727	-2.3712	0.329344	0.694982	-1.43889	0.0429793	0.430922	-2.32061	0.0977956	0.518641	-1.92812	0.970304	1.01355	1.01355	2.52516	5.225	1.83927	1
cg13330363	MIR548H4	0.103332	0.0609084	0.293432	-3.40794	0.0103643	0.1535	-6.51468	0.0635384	0.297945	-3.35633	0.631456	1.32381	1.32381	0.0474913	0.268255	-3.72779	0.390148	0.599835	-1.66713	0.165845	0.424125	-2.3578	0.520166	0.68498	-1.4599	0.443769	0.6356	-1.57332	2.52515	13.4728	4.74263	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00584713	VASH2;VASH2;VASH2	0.103333	0.140825	1.25397	1.25397	0.708879	1.05504	1.05504	0.00688445	1.64847	1.64847	0.541156	1.0924	1.0924	0.0349605	1.42061	1.42061
cg08141659	MCF2L	0.103337	0.746889	0.903742	-1.10651	0.0813808	1.82901	1.82901	0.383633	1.32209	1.32209	0.636928	1.16021	1.16021	0.0144946	0.390067	-2.56366
cg14516243	PRDM16;PRDM16	0.103337	0.0290635	0.48596	-2.05778	0.783115	1.08047	1.08047	0.518695	1.20144	1.20144	0.335044	1.32163	1.32163	0.0637438	0.557317	-1.79431
cg26314512	DIP2C	0.103339	0.987953	1.00524	1.00524	0.0526007	0.466583	-2.14324	0.0754928	1.98285	1.98285	0.408831	0.746586	-1.33943	0.378007	0.731312	-1.36741
cg08500200	RIMS1	0.103342	0.225992	0.432864	-2.31019	0.4783	1.60762	1.60762	0.746178	0.807434	-1.23849	0.313753	1.98607	1.98607	0.0537118	0.236289	-4.2321
cg23707230	FAM164C;FAM164C	0.103344	0.0188993	0.723737	-1.38172	0.143367	1.19582	1.19582	0.781764	0.968913	-1.03208	0.533442	0.930784	-1.07436	0.876321	0.982444	-1.01787
cg25742761	GAB1;GAB1	0.103348	0.0885639	2.04366	2.04366	0.208106	0.603565	-1.65682	0.811959	1.0949	1.0949	0.13402	1.84922	1.84922	0.775223	0.896807	-1.11507
cg06644515	SNORD47;GAS5;SNORD81;SNORD80;SNORD78;SNORD79	0.10335	0.0466759	0.378757	-2.64022	0.0124735	0.265796	-3.76229	0.0343678	0.349253	-2.86326	0.918664	0.957397	-1.0445	0.0518894	0.38952	-2.56726
cg21627760	ZNF304	0.10335	0.68978	1.07707	1.07707	0.802819	1.04739	1.04739	0.923603	1.01791	1.01791	0.641146	1.09075	1.09075	0.0429312	1.53897	1.53897
cg13324701	ZNF516	0.10335	0.459542	0.841879	-1.18782	0.128863	1.45515	1.45515	0.465639	1.18496	1.18496	0.634033	0.896177	-1.11585	0.0782605	0.639464	-1.56381
cg04400944	PTCD1;BUD31	0.10335	0.164648	0.473833	-2.11045	0.379579	0.636761	-1.57045	0.238309	0.537686	-1.85982	0.0132089	0.204746	-4.88409	0.568954	0.750054	-1.33324
cg11445939	HSD17B8;SLC39A7;SLC39A7	0.103354	0.0322449	0.598459	-1.67096	0.267132	0.789247	-1.26703	0.128564	1.39974	1.39974	0.096906	1.45214	1.45214	0.358419	0.824205	-1.21329
cg16724319	MDH1B;FASTKD2;FASTKD2;FASTKD2	0.103355	0.153515	4.1182	4.1182	0.00655874	43.1956	43.1956	?	?	?	0.382628	0.446904	-2.23762	0.437111	2.0352	2.0352
cg16661164	GOLGA6A	0.103356	0.904699	1.02758	1.02758	0.510228	0.85925	-1.16381	0.0580797	0.614788	-1.62658	0.694925	0.914375	-1.09364	0.302788	0.784722	-1.27434
cg04511702	PRR15L	0.103357	0.0377522	0.227724	-4.39129	0.115643	0.34987	-2.8582	0.216806	0.450229	-2.22109	0.145408	0.382893	-2.6117	0.0257088	0.19655	-5.08777
cg20155447	LRP5	0.103357	0.0431512	0.352206	-2.83925	0.905424	1.05476	1.05476	0.905694	1.0546	1.0546	0.473769	0.721236	-1.38651	0.010915	0.23856	-4.19183
cg05293430	SLC6A6;SLC6A6;SLC6A6	0.103357	0.321798	0.870704	-1.1485	0.865957	0.977407	-1.02312	0.0570579	1.33809	1.33809	0.0438657	0.731011	-1.36797	0.788309	0.964251	-1.03707
cg14671926	WDR27	0.103358	0.465057	0.849999	-1.17647	0.382195	0.822096	-1.2164	0.555257	0.877722	-1.13931	0.781484	0.941028	-1.06267	0.00284489	0.407427	-2.45443
cg04010165	BRI3;BRI3	0.103358	0.91905	1.0203	1.0203	0.860125	1.03549	1.03549	0.120848	1.3946	1.3946	0.19619	0.763208	-1.31026	0.126457	0.721173	-1.38663
cg03202077	ADAMTS5;ADAMTS5	0.103359	0.697545	1.08165	1.08165	0.0104562	0.523229	-1.91121	0.0569877	0.648657	-1.54165	0.785407	1.05638	1.05638	0.518691	0.876792	-1.14052
cg14771070	KIAA1875	0.10336	0.163106	0.618417	-1.61703	0.0416617	0.468546	-2.13426	0.789877	0.917393	-1.09005	0.754126	1.10675	1.10675	0.0483923	0.482826	-2.07114
cg17602444	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.103361	0.688976	0.926665	-1.07914	0.544817	1.12302	1.12302	0.47853	0.872502	-1.14613	0.0307053	0.618469	-1.61689	0.868121	1.03196	1.03196
cg03846689	CDK19	0.103362	0.876364	0.976828	-1.02372	0.0891785	1.32612	1.32612	0.403725	1.13731	1.13731	0.022635	0.662992	-1.50831	0.638431	0.93121	-1.07387
cg03969997	WBSCR27	0.103363	0.0393184	0.768663	-1.30096	0.546678	0.934907	-1.06963	0.28664	1.12986	1.12986	0.0243116	0.743628	-1.34476	0.405856	0.91043	-1.09838
cg00782607	GAD1;GAD1	0.103363	0.142057	1.96682	1.96682	0.0177991	3.43731	3.43731	0.0221718	3.23872	3.23872	0.571817	1.27741	1.27741	0.47907	1.36119	1.36119
cg18181323	PRDM5	0.103367	0.512319	0.880671	-1.1355	0.807873	0.954483	-1.04769	0.787467	1.05303	1.05303	0.803257	0.953389	-1.04889	0.0254057	0.601687	-1.66199
cg19077071	LETM2	0.103371	0.7908	1.10112	1.10112	0.155228	1.7449	1.7449	0.0931301	1.97204	1.97204	0.340359	0.699394	-1.42981	0.766158	1.11413	1.11413
cg02501166	TMEM132C	0.103372	0.069988	0.36445	-2.74386	0.014419	0.222603	-4.4923	0.269156	0.563638	-1.77419	0.678843	1.23052	1.23052	0.317266	0.597463	-1.67374
cg12963261	ONECUT3	0.103372	0.126936	1.93105	1.93105	0.166498	0.555401	-1.8005	0.100223	0.487771	-2.05014	0.328879	0.669177	-1.49437	0.0304302	0.362736	-2.75682
cg14851608	ZBTB40;ZBTB40	0.103374	0.122252	2.28355	2.28355	0.626918	1.27315	1.27315	0.953953	1.02888	1.02888	0.0197	4.00999	4.00999	0.0736171	2.67326	2.67326
cg07901138	TDRD5	0.103379	0.019026	9.61161	9.61161	0.141194	3.5302	3.5302	0.117194	3.88267	3.88267	0.774736	1.25699	1.25699	0.949056	1.05225	1.05225
cg08548559	PIK3IP1;PIK3IP1	0.103381	0.0630009	0.351153	-2.84776	0.0715809	2.73668	2.73668	0.968638	0.980519	-1.01987	0.20131	0.509027	-1.96453	0.038848	0.302153	-3.30959
cg17548969	PIGA;PIGA	0.103382	0.182471	0.473005	-2.11414	0.0164073	0.211844	-4.72046	0.806317	1.1388	1.1388	0.0234457	4.18888	4.18888	0.739538	1.19309	1.19309
cg23283236	PAK4;PAK4;PAK4;PAK4;PAK4	0.103384	0.123553	2.07197	2.07197	0.0142448	3.85268	3.85268	0.247895	1.68985	1.68985	0.0947902	0.447659	-2.23384	0.777609	0.884982	-1.12997
cg03010092	SDK1;SDK1	0.103385	0.7061	0.914272	-1.09377	0.0919236	1.55108	1.55108	0.450151	0.833561	-1.19967	0.0500273	1.69672	1.69672	0.776978	1.0695	1.0695
cg02831955	CXCL17	0.103385	0.0402272	0.132588	-7.54215	0.19411	0.310007	-3.22574	0.0780447	0.188407	-5.30765	0.184664	0.301366	-3.31822	0.0212075	0.0942605	-10.6089
cg11557546	ATP10A	0.103386	0.548683	0.822693	-1.21552	0.320264	1.39139	1.39139	0.0287876	0.436355	-2.29171	0.52141	1.23246	1.23246	0.0135818	0.374497	-2.67025
cg11315544	CTBP1;CTBP1	0.103387	0.517686	0.862587	-1.1593	0.0191101	1.89497	1.89497	0.0486977	1.66101	1.66101	0.235469	1.32343	1.32343	0.667632	0.90723	-1.10226
cg09744151	LOC388796;SNORA71C;LOC388796	0.10339	0.175668	0.776006	-1.28865	0.196871	0.786405	-1.27161	0.0666627	0.696187	-1.43639	0.587651	0.908084	-1.10122	0.0157823	0.593992	-1.68352
cg22103219	SH2B2	0.10339	0.0774523	0.477117	-2.09592	0.369347	0.706385	-1.41566	0.0995727	0.506342	-1.97495	0.181835	0.586071	-1.70628	0.0808101	0.481915	-2.07506
cg14332824	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.10339	0.0492666	0.609656	-1.64027	0.114675	0.685027	-1.4598	0.0220619	0.545867	-1.83195	0.429796	0.837183	-1.19448	0.170203	0.724623	-1.38003
cg16674323	HIGD1A;HIGD1A;HIGD1A	0.103391	0.118204	3.07035	3.07035	0.627688	1.38154	1.38154	0.0247992	0.170848	-5.85314	?	?	?	?	?	?
cg26631437	TEX15	0.103396	0.794008	0.834338	-1.19856	0.0398597	0.193127	-5.17794	0.046032	0.205459	-4.86716	0.234607	0.422182	-2.36864	0.0962677	0.282501	-3.53981
cg10123654	ADCY9	0.103399	0.172616	0.458171	-2.18259	0.855449	1.10302	1.10302	0.279099	1.83145	1.83145	0.917789	0.945994	-1.05709	0.434548	0.651328	-1.53533
cg07611575	NLRC3	0.1034	0.970568	0.973222	-1.02752	0.134917	0.305535	-3.27295	0.581361	0.66384	-1.50639	0.105895	0.272716	-3.66682	0.0227784	0.134662	-7.42602
cg25579180	WBSCR17	0.103402	0.0462395	0.308498	-3.24151	0.112639	0.410908	-2.43364	0.0263677	0.257632	-3.88151	0.0697041	0.351811	-2.84244	0.105838	0.402636	-2.48363
cg10197734	CA5BP	0.103402	0.286192	0.677762	-1.47544	0.00497777	3.68977	3.68977	0.147043	0.578981	-1.72717	0.808468	1.08903	1.08903	0.713458	0.878515	-1.13828
cg22499139	HCG4	0.103403	0.389855	0.787903	-1.26919	0.143241	1.53047	1.53047	0.215967	0.703081	-1.42231	0.0337739	1.95546	1.95546	0.615408	1.14687	1.14687
cg03233490	BCAS3;BCAS3	0.103404	0.168452	0.370438	-2.69951	0.0652758	0.246518	-4.05649	0.0338585	0.187051	-5.34614	0.163375	0.365446	-2.73638	0.0582413	0.234968	-4.25589
cg17573625	C12orf57	0.103405	0.240746	0.763695	-1.30942	0.0107184	0.494632	-2.0217	0.098458	0.671813	-1.48851	0.966066	0.990705	-1.00938	0.154637	0.715762	-1.39711
cg18043828	C9orf150	0.103406	0.101736	1.51935	1.51935	0.016449	1.98264	1.98264	0.0806228	1.5721	1.5721	0.195687	1.37645	1.37645	0.201446	1.37023	1.37023
cg14347670	CCND3;CCND3;CCND3;CCND3	0.103406	0.112041	0.754046	-1.32618	0.0335131	0.666838	-1.49961	0.138303	0.770793	-1.29736	0.0862507	0.734018	-1.36236	0.369884	0.860507	-1.16211
cg27026786	SPATA13;SPATA13	0.103408	0.125251	3.02457	3.02457	0.217632	2.37518	2.37518	0.681371	0.759295	-1.31701	0.919673	1.0696	1.0696	0.183116	2.5655	2.5655
cg18546752	RAPGEF4;RAPGEF4	0.103409	0.0662296	0.295134	-3.38829	0.393234	0.595709	-1.67867	0.175346	0.42588	-2.34808	0.401547	0.601378	-1.66285	0.0419043	0.249382	-4.00991
cg26593946	NR2F2	0.103412	0.748198	1.20553	1.20553	0.0054087	0.119462	-8.37084	0.127008	0.38372	-2.60607	0.761048	0.837769	-1.19365	0.902671	1.07358	1.07358
cg05201865	ARHGAP17;ARHGAP17	0.103413	0.204486	0.782444	-1.27805	0.546926	1.11736	1.11736	0.716997	0.935953	-1.06843	0.14515	1.33302	1.33302	0.890022	1.02546	1.02546
cg09094355	PRKX	0.103413	0.287997	0.675098	-1.48127	0.00493775	3.76623	3.76623	0.452194	1.31362	1.31362	0.236158	1.55602	1.55602	0.151914	0.578845	-1.72758
cg27049539	USP40	0.103413	0.0654843	0.546362	-1.83029	0.111644	1.65963	1.65963	0.347277	0.753547	-1.32706	0.101531	0.592046	-1.68906	0.155225	0.641009	-1.56004
cg27569488	C19orf61	0.103413	0.223311	0.724583	-1.3801	0.0463428	1.77646	1.77646	0.137009	1.49675	1.49675	0.409241	1.23677	1.23677	0.451501	1.21306	1.21306
cg01048931	VOPP1	0.103415	0.0077031	0.211566	-4.72666	0.878731	1.07172	1.07172	0.199139	1.85053	1.85053	0.464351	1.40191	1.40191	0.764643	1.14592	1.14592
cg06995285	EIF3B;EIF3B	0.103416	0.781176	0.888936	-1.12494	0.157578	0.527879	-1.89437	0.0471194	0.382703	-2.61299	0.897333	0.946886	-1.05609	0.0635319	0.413953	-2.41573
cg16865446	PAX6;PAX6;PAX6	0.103417	0.691207	1.40599	1.40599	0.0147326	12.9589	12.9589	0.0285704	9.06731	9.06731	0.743352	0.755484	-1.32366	0.185178	3.31743	3.31743
cg24211742	DDX51;NOC4L	0.103418	0.0174503	0.487506	-2.05126	0.198347	0.713548	-1.40145	0.442424	1.21464	1.21464	0.375841	1.25313	1.25313	0.727207	0.916722	-1.09084
cg18205787	CHID1	0.10342	0.178597	0.563828	-1.77359	0.00840497	0.259311	-3.85638	0.0604884	0.42795	-2.33672	0.2832	0.639491	-1.56374	0.0672866	0.439475	-2.27544
cg10211252	ZNF488	0.103421	0.299773	0.822687	-1.21553	0.0198442	0.600015	-1.66663	0.0900483	0.712235	-1.40403	0.891985	0.975625	-1.02498	0.741777	0.941711	-1.0619
cg17222234	CORO2B	0.103422	0.933038	0.989032	-1.01109	0.165272	1.21438	1.21438	0.103337	1.2634	1.2634	0.934102	0.989206	-1.01091	0.403729	1.11866	1.11866
cg02296478	ANK2;ANK2;ANK2	0.103422	0.219984	1.50001	1.50001	0.1907	0.646861	-1.54593	0.0923897	1.79018	1.79018	0.0545964	1.98479	1.98479	0.848357	1.06203	1.06203
cg24985300	KDM5C;KDM5C	0.103423	0.359744	1.7041	1.7041	0.228041	0.488588	-2.04671	0.369268	0.593341	-1.68537	0.121729	2.58479	2.58479	0.881424	1.08817	1.08817
cg22339744	NACC1	0.103424	0.989307	1.00238	1.00238	0.655238	1.08294	1.08294	0.672551	0.927395	-1.07829	0.0176967	0.59959	-1.66781	0.306774	1.20635	1.20635
cg27474957	HCCA2	0.103426	0.298305	0.526647	-1.89881	0.0372658	4.21208	4.21208	0.159591	0.409061	-2.44462	0.404412	1.661	1.661	0.82475	1.141	1.141
cg26942121	ST5;ST5;ST5;ST5	0.103426	0.390513	1.3297	1.3297	0.588546	0.837883	-1.19348	0.169566	0.62258	-1.60622	0.115406	0.574469	-1.74074	0.575647	0.832641	-1.201
cg17602776	RUFY1	0.103427	0.931417	1.03052	1.03052	0.040704	2.28249	2.28249	0.377287	1.37222	1.37222	0.0375509	0.430515	-2.3228	0.0335249	0.420031	-2.38078
cg26304213	TLE3;TLE3;TLE3	0.103428	0.265041	0.746038	-1.34042	0.882749	0.963684	-1.03769	0.0724318	1.66714	1.66714	0.21349	0.718246	-1.39228	0.0159364	0.465726	-2.14718
cg13452868	POTEA;POTEA	0.103428	0.0706119	0.194616	-5.13833	0.0586205	0.177186	-5.6438	0.103284	0.236096	-4.23556	0.26002	0.386056	-2.59029	0.0381845	0.142809	-7.00234
cg03021690	TNFAIP2	0.10343	0.142742	1.40864	1.40864	0.438363	0.842049	-1.18758	0.0291099	0.571611	-1.74944	0.161199	0.722206	-1.38465	0.198053	1.3443	1.3443
cg14701554	NUMA1	0.103431	0.113539	1.39209	1.39209	0.106464	0.712733	-1.40305	0.454118	1.15776	1.15776	0.382861	1.18758	1.18758	0.859993	1.0345	1.0345
cg26718479	HIPK4	0.103433	0.557146	0.880992	-1.13508	0.126074	1.42363	1.42363	0.101094	1.4669	1.4669	0.0225703	1.79107	1.79107	0.48345	1.16414	1.16414
cg15832201	RTN1	0.103434	0.294345	0.764573	-1.30792	0.504497	1.18194	1.18194	0.743164	0.922054	-1.08454	0.126969	1.50289	1.50289	0.390448	0.804777	-1.24258
cg25922341	HAS2;HAS2AS	0.103434	?	?	?	0.0765377	2.41266	2.41266	0.21231	1.79909	1.79909	0.0839432	0.425324	-2.35115	0.445524	0.706346	-1.41574
cg03025569	TRIM16	0.103435	0.123318	0.651995	-1.53376	0.0568007	1.7374	1.7374	0.831773	0.946952	-1.05602	0.0525741	1.75891	1.75891	0.384224	0.795644	-1.25684
cg11289591	CKAP5;CKAP5	0.103435	0.0908955	1.45418	1.45418	0.017841	0.560481	-1.78418	0.132373	0.721454	-1.38609	0.630692	0.907205	-1.10229	0.119788	1.40402	1.40402
cg22640010	PLEKHM3;PLEKHM3	0.103435	0.0491688	0.712952	-1.40262	0.473277	0.89592	-1.11617	0.50746	1.10663	1.10663	0.0889782	1.32664	1.32664	0.533083	0.909261	-1.09979
cg13882377	LHPP;LHPP	0.103437	0.229034	0.684364	-1.46121	0.0719576	0.546884	-1.82854	0.0137275	0.400316	-2.49803	0.0338717	0.475085	-2.10489	0.165169	0.640943	-1.5602
cg02475675	UTRN	0.103438	0.0241174	0.254217	-3.93365	0.202473	0.503969	-1.98425	0.145252	0.450909	-2.21774	0.83922	0.901719	-1.10899	0.014601	0.216207	-4.6252
cg10778599	C1orf61;MIR9-1	0.103439	0.565424	1.07645	1.07645	0.20035	0.842408	-1.18707	0.164056	0.828406	-1.20714	0.268387	1.15737	1.15737	0.323841	1.1379	1.1379
cg22265294	NCOR2;NCOR2	0.103439	0.0343557	0.221984	-4.50482	0.0674532	0.286661	-3.48844	0.163378	0.403679	-2.47721	0.133346	0.372546	-2.68423	0.016074	0.165878	-6.02854
cg15285250	NXPH1	0.10344	0.0583018	26.9761	26.9761	0.815401	1.43353	1.43353	0.045121	34.4685	34.4685	0.0922956	17.3445	17.3445	0.78197	0.652316	-1.533
cg00713275	ALDOA;ALDOA;ALDOA	0.103443	0.532941	1.32741	1.32741	0.671889	1.21054	1.21054	0.143674	0.494294	-2.02309	0.484129	0.726957	-1.3756	0.0129866	0.250942	-3.98499
cg13327407	CLIP2;CLIP2	0.103444	0.0331688	0.571488	-1.74982	0.643629	1.11035	1.11035	0.696077	0.915574	-1.09221	0.178278	1.379	1.379	0.793806	1.06062	1.06062
cg01545587	TMEM121	0.103445	0.122284	2.64053	2.64053	0.297918	1.86941	1.86941	0.0132998	5.92079	5.92079	0.212854	2.13976	2.13976	0.146569	2.46815	2.46815
cg24282486	REPS1;REPS1	0.103445	0.225726	0.687122	-1.45535	0.309009	0.733051	-1.36416	0.00865394	2.68373	2.68373	0.541345	0.833291	-1.20006	0.0556261	0.527444	-1.89594
cg11024449	SLC7A3;SLC7A3	0.103445	0.00361473	0.00663466	-150.724	0.679205	0.588878	-1.69814	0.930099	0.894295	-1.1182	0.373091	3.20382	3.20382	0.506662	0.424042	-2.35826
cg26722429	CCDC154	0.103446	0.0270867	0.279305	-3.58032	0.43113	0.67593	-1.47944	0.248672	0.555563	-1.79998	0.862505	0.918977	-1.08817	0.0261305	0.276257	-3.61981
cg21869532	ZNF561	0.103447	0.00379565	0.439282	-2.27644	0.982541	0.9954	-1.00462	0.181918	1.34784	1.34784	0.72028	0.927045	-1.0787	0.771397	1.0633	1.0633
cg15365210	C1orf220;C1orf220	0.103448	0.907581	0.987989	-1.01216	0.0341497	0.773208	-1.29331	0.73228	0.964902	-1.03637	0.0368108	0.776975	-1.28704	0.203222	0.869575	-1.14999
cg06694869	TUBA3D	0.103449	0.328538	0.854881	-1.16975	0.0328459	1.47419	1.47419	0.288226	1.18699	1.18699	0.155719	1.26637	1.26637	0.147678	0.785442	-1.27317
cg23645831	DDI2	0.103449	0.413271	1.13433	1.13433	0.718244	1.05612	1.05612	0.224032	1.21225	1.21225	0.0429196	0.703919	-1.42062	0.0441841	0.705835	-1.41676
cg21528729	INSIG1;INSIG1;INSIG1	0.103451	0.107011	2.97719	2.97719	0.045242	4.15514	4.15514	0.0600753	3.72528	3.72528	0.0351126	4.58152	4.58152	0.279106	2.0092	2.0092
cg01861284	UBE2N;UBE2N	0.103454	0.535775	0.768724	-1.30086	0.666733	0.833829	-1.19929	0.503726	0.752302	-1.32925	0.388131	1.44921	1.44921	0.00462498	0.205871	-4.85741
cg09524271	LIFR	0.103455	0.61819	1.07549	1.07549	0.862097	1.0255	1.0255	0.158112	0.803672	-1.24429	0.307607	1.16529	1.16529	0.0398504	1.41078	1.41078
cg04198330	TTC7B	0.103456	0.734977	0.840764	-1.18939	0.00172739	0.102072	-9.79699	0.484414	0.695776	-1.43724	0.715721	0.829686	-1.20528	0.444767	0.671881	-1.48836
cg14099218	ADARB2	0.103459	0.0290117	0.617878	-1.61844	0.420368	0.85727	-1.16649	0.0317527	1.60147	1.60147	0.526326	0.886827	-1.12762	0.138264	0.741895	-1.3479
cg19506201	ASPSCR1	0.103459	0.285092	0.403862	-2.47609	0.123905	3.89884	3.89884	0.185728	3.14505	3.14505	0.628786	1.48855	1.48855	0.0197872	0.100458	-9.95442
cg01287391	NCKAP5;NCKAP5	0.10346	0.0781986	0.392377	-2.54857	0.0156029	0.242293	-4.12723	0.0247597	0.278607	-3.58929	0.587926	0.769848	-1.29896	0.0705813	0.380558	-2.62772
cg08350509	TLE2;TLE2;TLE2	0.103462	0.206995	0.408484	-2.44808	0.40305	1.77837	1.77837	0.899604	0.918591	-1.08862	0.656307	0.739835	-1.35165	0.017028	0.141241	-7.08011
cg09847882	TP53AIP1	0.103463	0.213054	0.569149	-1.75701	0.103384	0.465055	-2.15028	0.32823	0.648088	-1.543	0.620291	1.23943	1.23943	0.0463764	0.375052	-2.6663
cg03770318	NR2F2	0.103465	0.0809333	0.475119	-2.10474	0.921857	0.962972	-1.03845	0.309481	1.49847	1.49847	0.118257	0.520896	-1.91977	0.00941583	0.282027	-3.54576
cg09788900	SLC39A13;SLC39A13	0.103466	0.284539	1.56456	1.56456	0.471279	1.34321	1.34321	0.623236	1.22063	1.22063	0.285719	1.56272	1.56272	0.112785	0.499062	-2.00376
cg14078377	C14orf19	0.103466	0.247865	1.39693	1.39693	0.178191	0.673119	-1.48562	0.0141123	0.432492	-2.31218	0.286426	1.35839	1.35839	0.0594068	1.80183	1.80183
cg11945905	NCRNA00176;NCRNA00176	0.103468	0.685335	0.902218	-1.10838	0.120127	1.53096	1.53096	0.105115	0.639345	-1.5641	0.362641	0.789507	-1.26661	0.0153365	0.471542	-2.1207
cg06799298	ZZEF1;CYB5D2;CYB5D2;CYB5D2	0.103473	0.0114395	0.287566	-3.47746	0.0450893	0.404346	-2.47313	0.642088	0.831658	-1.20242	0.986269	0.993246	-1.0068	?	?	?
cg15976404	GUCA2B;GUCA2B	0.103473	0.678231	1.16836	1.16836	0.813832	1.09196	1.09196	0.315781	0.679207	-1.4723	0.768645	0.895828	-1.11629	0.241708	0.633167	-1.57936
cg22060073	ADCY8	0.103479	0.658553	1.11673	1.11673	0.0188517	2.02626	2.02626	0.294844	1.30957	1.30957	0.528629	1.17172	1.17172	0.163148	1.44703	1.44703
cg14485877	DLGAP2	0.103482	0.311766	0.612951	-1.63145	0.469448	1.41091	1.41091	0.0829526	0.40739	-2.45465	0.374283	1.532	1.532	0.0710982	0.389438	-2.5678
cg00033155	NPHP1;NPHP1;NPHP1;NPHP1	0.103482	0.127849	2.03599	2.03599	0.130379	2.02497	2.02497	0.346875	0.658137	-1.51944	0.437568	1.40777	1.40777	0.0473532	0.375357	-2.66413
cg11111460	MGC45800	0.103485	0.0779344	13.8564	13.8564	0.185856	6.5693	6.5693	0.331466	3.83689	3.83689	0.178876	6.79647	6.79647	0.049872	20.1167	20.1167
cg10204695	WDR77;ATP5F1	0.103486	0.402075	1.16765	1.16765	0.0175061	1.68647	1.68647	0.0571351	1.47547	1.47547	0.976708	0.994737	-1.00529	0.254797	0.806628	-1.23973
cg23302570	NXPH2	0.10349	0.115897	11.0524	11.0524	0.112595	11.3416	11.3416	0.48786	2.69371	2.69371	0.0957135	13.1038	13.1038	0.447121	0.336411	-2.97255
cg21482174	DHRS7C	0.103491	0.596628	0.838298	-1.19289	0.956707	1.01809	1.01809	0.124242	1.73267	1.73267	0.34918	1.37472	1.37472	0.0396489	0.455827	-2.19382
cg07119136	OR2A5	0.103491	0.371814	1.35544	1.35544	0.491251	0.793039	-1.26097	0.0323347	0.435534	-2.29603	0.110263	0.561421	-1.7812	0.142237	0.592587	-1.68752
cg20414364	LOC728613	0.103493	0.150603	0.726692	-1.3761	0.157775	1.3675	1.3675	0.982066	1.00467	1.00467	0.0285331	0.585387	-1.70827	0.369991	0.826317	-1.21019
cg09979311	HN1L	0.103494	0.517553	1.33648	1.33648	0.236161	1.73111	1.73111	0.129925	2.06097	2.06097	0.482973	1.37052	1.37052	0.549714	0.765242	-1.30678
cg19703946	DBI;DBI;DBI	0.103494	0.0265647	0.244231	-4.09449	0.0952758	0.374255	-2.67198	0.0156947	0.204351	-4.89354	0.37536	0.613935	-1.62884	0.883756	1.08161	1.08161
cg13961425	BAT2	0.103497	0.565429	1.31794	1.31794	0.245979	0.561872	-1.77976	0.0567286	0.358921	-2.78613	0.102881	0.428359	-2.33449	0.251095	0.565681	-1.76778
cg06323885	TCEAL1;TCEAL1;TCEAL1	0.103504	0.0142775	0.069677	-14.3519	0.349166	0.438169	-2.28222	0.941552	1.0645	1.0645	0.257913	2.75352	2.75352	0.319878	0.414554	-2.41223
cg11820833	PLEKHG3	0.103508	0.624896	1.19327	1.19327	0.998253	0.999215	-1.00079	0.30672	0.684239	-1.46148	0.253932	0.652331	-1.53296	0.404398	1.35788	1.35788
cg10943458	STXBP5L;STXBP5L	0.103514	0.0988785	0.711446	-1.40559	0.734513	0.937962	-1.06614	0.101624	0.713764	-1.40102	0.671528	0.922881	-1.08356	0.113936	1.38206	1.38206
cg08335245	YKT6;YKT6	0.103517	0.0330387	0.654648	-1.52754	0.106474	0.741118	-1.34931	0.471532	0.882956	-1.13256	0.124377	0.753675	-1.32683	0.973096	1.00575	1.00575
cg07787248	STK40	0.103518	0.0182222	0.668825	-1.49516	0.619263	0.932119	-1.07282	0.430589	1.11952	1.11952	0.844833	0.97288	-1.02788	0.339978	1.14798	1.14798
cg06659614	S100A11	0.103519	0.430009	1.14024	1.14024	0.383886	1.15657	1.15657	0.167654	0.786945	-1.27074	0.786722	1.04517	1.04517	0.129781	1.30556	1.30556
cg27228383	TNK2;TNK2	0.10352	0.603424	1.27874	1.27874	0.184341	0.516528	-1.936	0.422322	1.46892	1.46892	0.00848092	4.83786	4.83786	0.936085	0.963072	-1.03834
cg09305577	STARD7	0.103522	0.00950086	0.251915	-3.96959	0.576717	1.26696	1.26696	0.848107	0.922693	-1.08378	0.406924	1.42757	1.42757	0.663138	1.2019	1.2019
cg05573563	TRAPPC2;OFD1;TRAPPC2;TRAPPC2	0.103523	0.0235726	0.206659	-4.8389	0.367658	0.582966	-1.71537	0.26041	0.50433	-1.98283	0.795512	0.859462	-1.16352	0.274398	0.515207	-1.94097
cg26609906	ZFP3	0.103524	0.532298	1.15855	1.15855	0.33653	0.793602	-1.26008	0.00360677	2.61549	2.61549	0.638162	1.1164	1.1164	0.287294	0.772566	-1.29439
cg16120811	WEE1	0.103527	0.570051	0.890161	-1.12339	0.472863	1.15951	1.15951	0.115868	1.414	1.414	0.308087	0.807472	-1.23843	0.20876	0.764454	-1.30812
cg17454086	KIAA0907	0.103529	0.030913	0.270211	-3.70081	0.0882233	0.378547	-2.64168	0.229547	0.521504	-1.91753	0.592457	0.756531	-1.32182	0.056968	0.3288	-3.04136
cg13251181	C13orf33	0.103531	0.536153	1.24144	1.24144	0.0240433	2.53234	2.53234	0.112351	1.81625	1.81625	0.377088	0.731321	-1.36739	0.0540691	2.12727	2.12727
cg11724134	RNF39;RNF39	0.103531	0.0489853	12.0797	12.0797	0.0397631	13.945	13.945	0.105289	7.11126	7.11126	0.326621	3.07268	3.07268	0.0215286	21.3328	21.3328
cg08185438	ZNF140	0.103536	0.35598	1.67291	1.67291	0.0773746	0.345055	-2.89809	0.0252456	4.22917	4.22917	?	?	?	0.268812	0.535708	-1.86669
cg20677986	PSD3	0.103536	0.105985	0.343448	-2.91165	0.0288022	0.210008	-4.76172	0.0315441	0.21735	-4.60087	0.455588	1.58406	1.58406	0.251	0.483842	-2.06679

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00584713	0.800595	1.03682	1.03682	0.271771	0.849214	-1.17756	0.928546	1.0129	1.0129	0.801227	1.0367	1.0367	2.52515	0.816307	0.287352	1
cg08141659	0.613716	1.17244	1.17244	0.238846	0.680072	-1.47043	0.126312	1.67689	1.67689	0.393486	0.760945	-1.31415	2.52511	3.90663	1.37521	1
cg14516243	0.527609	1.19664	1.19664	0.679436	1.12362	1.12362	0.191092	0.678216	-1.47446	0.0361005	0.50474	-1.98122	2.5251	3.14671	1.10771	1
cg26314512	0.750069	0.895332	-1.1169	0.263579	1.49657	1.49657	0.0427821	2.24051	2.24051	0.145505	1.7172	1.7172	2.52509	4.78615	1.68484	1
cg08500200	0.240486	2.24642	2.24642	0.134278	0.345265	-2.89633	0.0334279	5.13868	5.13868	0.369636	1.83455	1.83455	2.52505	17.3456	6.10615	1
cg23707230	0.145605	0.837202	-1.19445	0.54394	1.07235	1.07235	0.139048	1.1985	1.1985	0.122312	1.20977	1.20977	2.52503	0.517179	0.182063	1
cg25742761	0.0939587	2.01497	2.01497	0.0600768	0.446241	-2.24094	0.468011	1.32434	1.32434	0.12355	0.530151	-1.88625	2.52498	5.78762	2.03746	1
cg06644515	0.300131	0.632761	-1.58038	0.189957	0.553386	-1.80706	0.31619	0.642947	-1.55534	0.731679	0.863547	-1.15802	2.52497	7.2651	2.5576	1
cg21627760	0.0703212	0.68773	-1.45406	0.0209875	0.598177	-1.67175	0.546098	1.11968	1.11968	0.267368	0.807495	-1.2384	2.52496	1.36939	0.48208	1
cg13324701	0.211173	0.740008	-1.35134	0.015806	1.96563	1.96563	0.316541	1.26702	1.26702	0.90883	1.02653	1.02653	2.52496	2.08911	0.73545	1
cg04400944	0.0375391	0.291631	-3.42899	0.0917085	0.390555	-2.56046	0.47879	0.697637	-1.43341	0.0179869	0.22783	-4.38923	2.68354	10.3514	3.00017	1
cg11445939	0.214213	0.765126	-1.30697	0.177914	1.34055	1.34055	0.354139	1.21551	1.21551	0.919313	0.97947	-1.02096	2.52492	1.676	0.590031	1
cg16724319	0.909791	0.90456	-1.10551	0.911643	1.10322	1.10322	0.180186	3.70898	3.70898	0.579023	1.64731	1.64731	3.27822	33.1558	6.32123	1
cg16661164	0.0788518	0.641969	-1.55771	0.00783737	0.460704	-2.17059	0.462419	1.18518	1.18518	0.495368	1.17026	1.17026	2.5249	2.06259	0.726133	1
cg04511702	0.0882275	0.315015	-3.17445	0.0375056	0.227155	-4.40229	0.0443762	0.242212	-4.12861	0.204456	0.439435	-2.27565	2.5249	15.0782	5.30827	1
cg20155447	0.48608	0.727996	-1.37363	0.283642	1.64812	1.64812	0.0838086	0.423914	-2.35897	0.576874	1.28766	1.28766	2.52489	8.04517	2.8323	1
cg05293430	0.0404887	0.726107	-1.37721	0.541535	0.919802	-1.08719	0.0594374	0.749907	-1.3335	0.926666	1.01253	1.01253	2.52489	0.731692	0.257593	1
cg14671926	0.398228	1.20812	1.20812	0.201052	0.744408	-1.34335	0.801509	0.946426	-1.05661	0.157231	0.718462	-1.39186	2.52488	1.91067	0.672656	1
cg04010165	0.161027	0.743788	-1.34447	0.0747214	0.675364	-1.48068	0.0955482	1.43625	1.43625	0.157448	1.34837	1.34837	2.52488	1.56328	0.550355	1
cg03202077	0.86973	0.967552	-1.03354	0.968669	1.00792	1.00792	0.236501	1.2831	1.2831	0.0683909	0.663618	-1.50689	2.52487	1.61507	0.56859	1
cg14771070	0.337366	0.726652	-1.37617	0.444845	0.777675	-1.28588	0.0324311	2.24437	2.24437	0.632866	0.8561	-1.16809	2.52486	4.16756	1.46721	1
cg17602444	0.0227876	1.67509	1.67509	0.199755	0.773798	-1.29233	0.158622	1.33011	1.33011	0.688354	0.926514	-1.07931	2.52485	1.43301	0.5045	1
cg03846689	0.618351	1.07856	1.07856	0.0329214	0.68682	-1.45598	0.718009	0.946855	-1.05613	0.357792	1.15304	1.15304	2.52483	0.906749	0.319229	1
cg03969997	0.0473111	0.778475	-1.28456	0.605334	1.05921	1.05921	0.734067	1.03834	1.03834	0.473572	1.08376	1.08376	2.52483	0.486904	0.171419	1
cg00782607	0.85887	0.926564	-1.07926	0.148451	0.514677	-1.94296	0.771067	0.882468	-1.13319	0.690362	1.1872	1.1872	2.52482	7.34336	2.5853	1
cg18181323	0.310691	0.818262	-1.2221	0.226824	1.2746	1.2746	0.0631372	1.49132	1.49132	0.0604728	1.49899	1.49899	2.52479	1.46206	0.514739	1
cg19077071	?	?	?	0.0184107	2.91045	2.91045	0.104962	0.521709	-1.91678	0.510489	1.27417	1.27417	2.70924	4.89826	1.58198	1
cg02501166	0.777764	0.868514	-1.15139	0.044756	0.31733	-3.1513	0.067686	0.360685	-2.7725	0.54196	1.36011	1.36011	2.52473	9.92521	3.4944	1
cg12963261	0.0746169	0.453078	-2.20713	0.0761591	0.455391	-2.19592	0.224129	0.601057	-1.66374	0.914538	1.04372	1.04372	2.52473	6.35405	2.23709	1
cg14851608	0.786837	1.14297	1.14297	0.860864	1.09035	1.09035	0.00908487	5.1262	5.1262	0.603957	1.29434	1.29434	2.52471	9.71927	3.42191	1
cg07901138	0.904859	0.909088	-1.1	0.400032	0.503231	-1.98716	0.0360442	6.98452	6.98452	0.0577364	5.53111	5.53111	2.52466	25.4064	8.94516	1
cg08548559	0.569275	0.749899	-1.33351	0.0665401	0.357181	-2.7997	0.478731	0.697435	-1.43383	0.145659	0.457612	-2.18526	2.52464	10.0115	3.52491	1
cg17548969	0.403689	0.636266	-1.57167	0.514152	0.70465	-1.41914	0.674685	1.25027	1.25027	0.754386	0.846992	-1.18065	2.52462	11.1945	3.94144	1
cg23283236	0.109431	2.14478	2.14478	0.198987	1.80478	1.80478	0.623363	1.23833	1.23833	0.738178	0.865207	-1.15579	2.68313	7.74022	2.24372	1
cg03010092	0.210763	0.732004	-1.36611	0.0124151	2.08795	2.08795	0.994613	1.0016	1.0016	0.65697	1.11154	1.11154	2.52459	2.23797	0.78797	1
cg02831955	0.109677	0.226126	-4.42232	0.0337518	0.120804	-8.27786	0.0595518	0.163198	-6.12754	0.360841	0.448971	-2.22731	2.52459	29.0578	10.231	1
cg11557546	0.692742	1.13624	1.13624	0.115595	0.576875	-1.73348	0.555524	0.8255	-1.21139	0.313146	0.714961	-1.39868	2.52458	4.13574	1.45617	1
cg11315544	0.646529	1.10968	1.10968	0.028998	1.78626	1.78626	0.566615	0.877613	-1.13945	0.952705	0.986721	-1.01346	2.52457	2.03098	0.715096	1
cg09744151	0.207143	0.791139	-1.264	0.124006	1.34092	1.34092	0.442931	0.871299	-1.14771	0.110256	0.735994	-1.35871	2.52454	1.24008	0.43663	1
cg22103219	0.028678	0.37792	-2.64606	0.00937585	0.288796	-3.46265	0.263112	0.644127	-1.55249	0.358448	0.700453	-1.42765	2.52454	5.68343	2.00113	1
cg14332824	0.173376	0.726566	-1.37634	0.33171	1.2471	1.2471	0.745882	0.930809	-1.07433	0.0360166	0.584044	-1.7122	2.52454	1.94403	0.684492	1
cg16674323	0.318675	0.50583	-1.97695	0.282575	2.09259	2.09259	0.496861	0.633692	-1.57805	0.158605	2.70896	2.70896	2.58526	13.9272	6.15675	1
cg26631437	0.305618	0.47989	-2.08381	0.00826223	0.0965482	-10.3575	0.183713	0.376744	-2.65432	0.253884	0.438376	-2.28115	2.52448	19.1537	6.74418	1
cg10123654	0.30676	0.566115	-1.76643	0.0047183	0.13282	-7.529	0.0963734	0.37468	-2.66895	0.464306	0.66999	-1.49256	2.52445	11.5605	4.07059	1
cg07611575	0.706361	0.756959	-1.32107	0.00838145	0.0839253	-11.9154	0.124886	0.2946	-3.39443	0.298787	0.452804	-2.20846	2.52443	21.6392	7.61947	1
cg25579180	0.56229	0.739552	-1.35217	0.0364436	0.285869	-3.49811	0.990434	1.00619	1.00619	0.0820798	0.370798	-2.69689	2.52441	10.6036	3.73371	1
cg10197734	0.245047	0.652447	-1.53269	0.945754	1.02418	1.02418	0.904033	1.04327	1.04327	0.827347	1.07973	1.07973	2.52441	4.93072	1.73619	1
cg22499139	0.587089	1.15991	1.15991	0.289649	1.34627	1.34627	0.0326837	0.508568	-1.96631	0.678776	0.893451	-1.11926	2.5244	2.92614	1.03035	1
cg03233490	0.0661739	0.247942	-4.03321	0.0370329	0.194246	-5.14812	0.523908	1.54816	1.54816	0.429978	0.579758	-1.72486	2.52439	18.3071	6.44632	1
cg17573625	0.0194277	0.537805	-1.85941	0.494728	0.85882	-1.16439	0.173741	0.727838	-1.37393	0.841319	1.04498	1.04498	2.52438	1.92637	0.678314	1
cg18043828	0.897322	1.0306	1.0306	0.498098	1.1742	1.1742	0.0869933	1.55471	1.55471	0.0175292	1.964	1.964	2.52437	2.17956	0.767472	1
cg14347670	0.173515	0.789583	-1.26649	0.328092	1.17903	1.17903	0.256633	1.21308	1.21308	0.305678	1.18891	1.18891	2.52437	1.06413	0.374704	1
cg27026786	0.52247	1.54085	1.54085	0.00454418	12.4445	12.4445	0.0632557	4.02813	4.02813	0.355991	1.88374	1.88374	2.52435	17.786	6.26292	1
cg18546752	0.215536	0.462057	-2.16424	0.0156718	0.172995	-5.7805	0.153387	0.404358	-2.47306	0.022317	0.19754	-5.06227	2.52434	14.0252	4.93866	1
cg26593946	0.980008	1.01465	1.01465	0.0644769	0.299564	-3.33818	0.676611	0.783931	-1.27562	0.362211	1.72206	1.72206	2.52431	13.4655	4.74164	1
cg05201865	0.585705	1.10535	1.10535	0.102889	0.719782	-1.38931	0.0083867	0.529048	-1.89019	0.724357	1.06649	1.06649	2.68279	1.37344	0.39818	1
cg09094355	0.928453	1.0325	1.0325	0.499619	1.27644	1.27644	0.618328	1.1959	1.1959	0.956274	1.01972	1.01972	2.5243	5.07158	1.78587	1
cg27049539	0.96814	0.98839	-1.01175	0.856139	0.948323	-1.05449	0.5283	0.829609	-1.20539	0.0146947	0.415557	-2.40641	2.52429	3.41774	1.2035	1
cg27569488	0.181472	0.699664	-1.42926	0.103807	1.56495	1.56495	0.0336747	1.8675	1.8675	0.471767	1.20238	1.20238	2.52429	2.53443	0.892459	1
cg01048931	0.0510838	2.73978	2.73978	0.987528	1.00712	1.00712	0.956259	0.975425	-1.02519	0.647961	1.23188	1.23188	2.52428	8.22728	2.89712	1
cg06995285	0.060008	0.407789	-2.45225	0.00908273	0.246213	-4.06152	0.902228	0.949369	-1.05333	0.366602	0.675613	-1.48014	2.52427	7.14563	2.51624	1
cg16865446	0.38139	2.1516	2.1516	0.0618143	6.01961	6.01961	0.104234	4.5532	4.5532	0.68853	0.709006	-1.41042	2.52426	29.1186	10.2538	1
cg24211742	0.279067	0.756231	-1.32235	0.0352669	0.544023	-1.83816	0.085833	0.62417	-1.60213	0.203792	0.716769	-1.39515	2.52424	2.4643	0.867782	1
cg18205787	0.0935869	0.477391	-2.09472	0.0809931	0.460346	-2.17228	0.409698	0.713148	-1.40223	0.106545	0.493316	-2.0271	2.52422	6.42734	2.26335	1
cg10211252	0.0538751	1.48816	1.48816	0.111302	0.72975	-1.37033	0.696265	0.931225	-1.07385	0.221493	0.79183	-1.2629	2.52421	1.31886	0.464431	1
cg17222234	0.606744	0.934132	-1.07051	0.0591271	0.75605	-1.32266	0.758698	0.96037	-1.04126	0.0144511	1.4852	1.4852	2.5242	0.688508	0.242455	1
cg02296478	0.603949	0.848296	-1.17883	0.0924235	0.558644	-1.79005	0.748417	0.903781	-1.10646	0.0654557	1.91565	1.91565	2.5242	3.95144	1.39149	1
cg24985300	0.317124	0.556879	-1.79572	0.00691941	0.138261	-7.2327	0.901234	0.932131	-1.07281	0.287437	0.535134	-1.86869	2.52419	12.8106	4.51124	1
cg22339744	0.128103	1.33865	1.33865	0.208859	0.790658	-1.26477	0.359071	0.846025	-1.182	0.0717691	1.42824	1.42824	2.52418	1.25681	0.442586	1
cg27474957	0.283577	1.93987	1.93987	0.850856	0.894085	-1.11846	0.159022	2.44801	2.44801	0.0210509	5.2096	5.2096	2.52416	14.142	4.98014	1
cg26942121	0.159781	0.614785	-1.62658	0.0193209	0.40001	-2.49994	0.0551381	0.494516	-2.02218	0.20064	1.54924	1.54924	2.52416	4.193	1.47658	1
cg17602776	0.514251	0.793727	-1.25988	0.3667	0.723327	-1.3825	0.60821	0.834775	-1.19793	0.955368	0.980641	-1.01974	2.52415	4.87689	1.71742	1
cg26304213	0.919522	0.974988	-1.02565	0.48797	0.83776	-1.19366	0.114864	1.54552	1.54552	0.673664	1.1121	1.1121	2.68261	2.61269	0.757505	1
cg13452868	0.10672	0.240089	-4.16512	0.0163428	0.0927366	-10.7832	0.882035	0.886666	-1.12782	0.125547	0.261063	-3.8305	2.52413	26.2341	9.23852	1
cg03021690	0.915883	1.02324	1.02324	0.0520367	1.61723	1.61723	0.616441	0.89598	-1.1161	0.616888	1.11594	1.11594	2.52412	1.89096	0.665915	1
cg14701554	0.547287	0.889583	-1.12412	0.0211672	0.587163	-1.70311	0.0691065	0.676559	-1.47807	0.444384	0.860887	-1.16159	2.5241	1.47544	0.51959	1
cg26718479	0.0207268	1.81172	1.81172	0.0885042	1.49334	1.49334	0.209345	1.32627	1.32627	0.132215	1.4144	1.4144	2.52408	1.82045	0.641097	1
cg15832201	0.276943	0.756475	-1.32192	0.174279	0.69999	-1.42859	0.205051	1.39099	1.39099	0.014848	2.09514	2.09514	2.52407	2.43511	0.857558	1
cg25922341	0.12883	0.480114	-2.08284	0.535629	1.32369	1.32369	0.104309	2.21178	2.21178	0.235865	1.74249	1.74249	2.55121	7.17754	2.81338	1
cg03025569	0.120949	1.53863	1.53863	0.637646	1.12925	1.12925	0.0977794	1.59271	1.59271	0.356098	0.784105	-1.27534	2.52407	2.62449	0.924254	1
cg11289591	0.987911	0.996958	-1.00305	0.880985	1.03058	1.03058	0.25694	1.26855	1.26855	0.570633	0.891164	-1.12213	2.52406	1.61583	0.569039	1
cg22640010	0.0762377	0.742876	-1.34612	0.0388105	0.697341	-1.43402	0.145237	0.790033	-1.26577	0.497346	0.901387	-1.1094	2.52406	0.907583	0.31962	1
cg13882377	0.934459	1.02502	1.02502	0.622539	0.861503	-1.16076	0.945675	1.02069	1.02069	0.0528791	0.516286	-1.93691	2.52404	3.60873	1.27088	1
cg02475675	0.139859	0.445332	-2.24552	0.0686596	0.354238	-2.82296	0.637023	1.27385	1.27385	0.292311	0.573281	-1.74434	2.52403	10.3665	3.65077	1
cg10778599	0.188938	1.19297	1.19297	0.548251	0.92587	-1.08007	0.442111	1.10447	1.10447	0.00946694	1.51717	1.51717	2.52402	0.642512	0.226274	1
cg22265294	0.256014	0.485276	-2.06068	0.0522886	0.26028	-3.84201	0.122144	0.359995	-2.77782	0.103215	0.337267	-2.96501	2.52402	14.8649	5.235	1
cg15285250	0.477207	3.04333	3.04333	0.562465	2.46397	2.46397	0.0173575	86.6135	86.6135	0.0394986	39.1482	39.1482	2.52401	94.797	33.385	1
cg00713275	0.184025	0.531512	-1.88142	0.0225028	0.293554	-3.40653	0.868701	0.928487	-1.07702	0.148049	0.498616	-2.00555	2.52397	8.04016	2.83157	1
cg13327407	0.0185272	0.526419	-1.89963	0.847864	0.957764	-1.0441	0.417475	1.20463	1.20463	0.120875	0.68527	-1.45928	2.52397	2.01809	0.710728	1
cg01545587	0.0180244	5.29041	5.29041	?	?	?	0.897469	1.07761	1.07761	0.501137	1.48569	1.48569	2.5511	12.0733	4.7326	1
cg24282486	0.978036	1.00815	1.00815	0.938506	0.977499	-1.02302	0.60518	1.16628	1.16628	0.978932	1.00782	1.00782	2.52396	3.47767	1.22477	1
cg11024449	0.131985	0.126154	-7.92682	0.969318	0.952203	-1.0502	0.437939	2.7388	2.7388	0.688052	1.67187	1.67187	2.52396	64.8167	22.8272	1
cg26722429	0.0356029	0.303521	-3.29466	0.0301311	0.288518	-3.46599	0.226086	0.538164	-1.85817	0.223211	0.535886	-1.86607	2.52395	9.49758	3.34487	1
cg21869532	0.429971	1.18498	1.18498	0.27138	0.78566	-1.27282	0.474558	0.857951	-1.16557	0.697469	0.920995	-1.08578	2.52393	1.77421	0.624847	1
cg15365210	0.995381	0.999398	-1.0006	0.0428265	0.784618	-1.27451	0.078973	0.816317	-1.22501	0.259312	1.13025	1.13025	2.52393	0.432748	0.152407	1
cg06694869	0.06598	1.37809	1.37809	0.2222	1.22074	1.22074	0.288504	0.842556	-1.18686	0.807607	0.962779	-1.03866	2.52392	0.966258	0.340303	1
cg23645831	0.0525201	0.717342	-1.39404	0.863233	1.02632	1.02632	0.230518	1.20871	1.20871	0.926936	0.986274	-1.01392	2.52392	0.907703	0.319681	1
cg21528729	0.488576	1.54691	1.54691	0.89082	0.918367	-1.08889	0.0358495	4.54495	4.54495	0.0480091	4.06125	4.06125	2.52389	15.368	5.41244	1
cg01861284	0.0945378	0.462618	-2.16161	0.580871	0.791432	-1.26353	0.566914	1.27478	1.27478	0.369128	1.47241	1.47241	2.52386	7.03286	2.47693	1
cg09524271	0.0298907	0.690679	-1.44785	0.154955	1.24666	1.24666	0.757227	1.04594	1.04594	0.245785	1.19223	1.19223	2.52385	0.838577	0.295344	1
cg04198330	0.919566	1.05291	1.05291	0.673281	1.24171	1.24171	0.788475	0.871733	-1.14714	0.624184	0.777193	-1.28668	2.52384	10.4163	3.66859	1
cg14099218	0.608174	1.10157	1.10157	0.164786	1.31947	1.31947	0.692346	1.07723	1.07723	0.93266	1.01594	1.01594	2.52381	1.39881	0.492663	1
cg19506201	0.572697	0.627846	-1.59275	0.419858	0.510162	-1.96016	0.905377	1.10198	1.10198	0.0522247	0.164789	-6.06836	2.52381	26.6546	9.3878	1
cg01287391	0.18143	0.507491	-1.97048	0.117773	0.443909	-2.25272	0.0813559	0.397049	-2.51858	0.494231	0.717563	-1.39361	2.52379	9.13692	3.21805	1
cg08350509	0.0578046	0.236204	-4.23362	0.157067	0.361283	-2.76792	0.033848	0.188852	-5.29514	0.13424	0.337411	-2.96374	2.52378	18.0912	6.37181	1
cg09847882	0.972404	1.01498	1.01498	0.146223	0.511515	-1.95498	0.0224558	0.30876	-3.23876	0.171469	1.86962	1.86962	2.52376	7.3835	2.60052	1
cg03770318	?	?	?	0.314762	0.670485	-1.49146	0.40118	0.71861	-1.39158	0.697805	1.16189	1.16189	2.55088	5.31043	2.0818	1
cg09788900	0.272186	1.58439	1.58439	0.00794038	3.93732	3.93732	0.946865	0.973521	-1.0272	0.080325	2.18389	2.18389	2.52374	6.47995	2.28231	1
cg14078377	0.636886	0.876718	-1.14062	0.697631	0.897601	-1.11408	0.581107	1.16673	1.16673	0.750897	0.915647	-1.09212	2.52374	3.06016	1.07782	1
cg11945905	0.565869	1.1579	1.1579	0.186857	0.702279	-1.42393	0.327493	1.29088	1.29088	0.215276	0.719299	-1.39024	2.52371	2.55036	0.898275	1
cg06799298	0.768877	1.12304	1.12304	?	?	?	0.722239	0.868869	-1.15092	?	?	?	2.62694	4.30172	2.18339	1
cg15976404	0.00879462	0.288144	-3.47049	0.0779287	2.07627	2.07627	0.143927	0.556808	-1.79595	0.427282	0.739126	-1.35295	2.52366	5.55939	1.95814	1
cg22060073	0.210069	1.38804	1.38804	0.198243	0.713519	-1.4015	0.0181231	2.03886	2.03886	0.249576	1.34813	1.34813	2.5236	2.463	0.867544	1
cg14485877	0.0389474	0.326928	-3.05878	0.0446916	0.340263	-2.93891	0.0843153	0.40934	-2.44296	0.35799	0.642656	-1.55604	2.52356	8.74434	3.08007	1
cg00033155	0.778467	0.885321	-1.12953	0.492786	0.740194	-1.351	0.0595738	2.50502	2.50502	0.178618	0.539473	-1.85366	2.52356	7.45499	2.62592	1
cg11111460	0.0837563	13.043	13.043	0.0133972	60.9507	60.9507	0.0490994	20.3801	20.3801	0.0859652	12.7605	12.7605	2.52353	71.9773	25.3533	1
cg10204695	0.509228	0.886023	-1.12864	0.157279	0.760829	-1.31436	0.282278	0.817146	-1.22377	0.602212	1.09971	1.09971	2.52352	1.30551	0.459855	1
cg23302570	0.307091	4.4219	4.4219	0.0388176	28.8912	28.8912	0.014489	69.0888	69.0888	0.121472	10.5968	10.5968	2.52348	79.0052	27.8294	1
cg21482174	0.0857861	1.87202	1.87202	0.0954005	1.83121	1.83121	0.130008	1.71614	1.71614	0.148628	1.66793	1.66793	2.52347	4.3582	1.53517	1
cg07119136	0.317601	0.709896	-1.40866	0.989195	1.0045	1.0045	0.944729	1.02326	1.02326	0.0106789	0.344917	-2.89925	2.52347	4.39652	1.54867	1
cg20414364	0.622532	1.10829	1.10829	0.156272	1.36927	1.36927	0.959361	1.01061	1.01061	0.0456827	0.622027	-1.60765	2.52344	1.71615	0.60452	1
cg09979311	0.0935091	0.442438	-2.2602	0.0183743	0.282304	-3.54228	0.686738	0.835918	-1.19629	0.145898	0.501495	-1.99404	2.52344	7.8103	2.7512	1
cg19703946	0.404998	0.633261	-1.57913	0.0477758	0.297112	-3.36573	0.596923	1.33133	1.33133	0.546332	0.720816	-1.38732	2.52344	11.4916	4.04795	1
cg13961425	0.547966	1.3349	1.3349	0.00914431	0.207429	-4.82094	0.581773	1.30252	1.30252	0.387158	0.656291	-1.52371	2.5234	9.02137	3.17785	1
cg06323885	0.0158069	0.0740053	-13.5125	0.324066	0.417952	-2.39262	0.897729	0.896178	-1.11585	0.843229	1.18389	1.18389	2.68169	30.2079	8.76129	1
cg11820833	0.0552301	2.17996	2.17996	0.0127424	3.03375	3.03375	0.0844031	1.98282	1.98282	0.54196	1.24778	1.24778	2.52329	5.13859	1.81019	1
cg10943458	0.718001	0.934041	-1.07062	0.0178186	0.581598	-1.7194	0.245192	0.795557	-1.25698	0.244804	1.25724	1.25724	2.52323	1.41473	0.498386	1
cg08335245	0.978744	0.995482	-1.00454	0.333151	1.18492	1.18492	0.19346	1.26349	1.26349	0.0738183	1.40312	1.40312	2.5232	1.15442	0.406688	1
cg07787248	0.183213	1.21918	1.21918	0.963639	0.993623	-1.00642	0.197024	1.21094	1.21094	0.0371212	1.40441	1.40441	2.52318	0.786969	0.277241	1
cg06659614	0.0559768	1.42291	1.42291	0.0087914	1.72217	1.72217	0.825926	1.03654	1.03654	0.229651	1.22796	1.22796	2.52317	1.06065	0.373657	1
cg27228383	0.908858	0.947691	-1.0552	0.329555	0.623712	-1.60331	0.138827	2.1117	2.1117	0.109302	2.26862	2.26862	2.52316	8.79554	3.09859	1
cg09305577	0.37233	0.680915	-1.46861	?	?	?	0.358091	1.48668	1.48668	0.0912573	2.18243	2.18243	2.55026	6.3212	2.47865	1
cg05573563	0.105723	0.356825	-2.80249	0.00971086	0.148429	-6.73723	0.0534874	0.278332	-3.59283	0.208426	0.461473	-2.16698	2.52313	13.5887	4.78725	1
cg26609906	0.981346	0.994586	-1.00544	0.962516	1.01097	1.01097	0.682538	0.908855	-1.10029	0.481428	1.18125	1.18125	2.68145	2.24166	0.650212	1
cg16120811	0.465814	1.16235	1.16235	0.00815216	0.503375	-1.98659	0.548802	1.13085	1.13085	0.54762	1.13127	1.13127	2.52309	1.64186	0.578431	1
cg17454086	0.245332	0.533928	-1.87291	0.061111	0.336293	-2.9736	0.0787894	0.36495	-2.7401	0.0188891	0.230309	-4.342	2.52307	10.6553	3.7539	1
cg13251181	0.0542639	2.12563	2.12563	0.074355	1.98654	1.98654	0.503482	1.26414	1.26414	0.662018	0.859115	-1.16399	2.52305	4.76256	1.67789	1
cg11724134	0.359677	2.84024	2.84024	0.0592075	10.602	10.602	0.195787	4.55587	4.55587	0.0447316	12.8591	12.8591	2.52305	49.0951	17.2966	1
cg08185438	0.135499	0.418131	-2.39159	0.982175	1.01218	1.01218	0.522596	0.703855	-1.42075	0.309688	1.7678	1.7678	2.55011	10.5445	4.13493	1
cg20677986	0.259764	0.490866	-2.03722	0.0342491	0.224201	-4.46027	0.78571	1.17935	1.17935	0.290071	0.514459	-1.94379	2.52299	14.6403	5.15801	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg00908824	VPS52	0.103537	0.447991	1.16806	1.16806	0.0163648	0.554585	-1.80315	0.102233	0.698186	-1.43228
cg13959831	PAX5	0.103537	0.304715	0.722961	-1.3832	0.167486	0.638229	-1.56683	0.00810967	0.355371	-2.81396
cg17993985	CHD3;CHD3;CHD3;SCARNA21	0.103542	0.293986	1.24915	1.24915	0.913546	0.978049	-1.02244	0.178562	1.33923	1.33923
cg10172801	POT1;POT1;POT1;POT1;POT1	0.103543	0.779589	0.959493	-1.04222	0.122448	1.27979	1.27979	0.776771	0.95897	-1.04279
cg12971526	DMKN;DMKN;DMKN;DMKN;DMKN;DMKN;DMKN;DMKN	0.103547	0.29364	0.887879	-1.12628	0.598435	1.05973	1.05973	0.377125	1.104	1.104
cg22151713	SLC4A2	0.103549	0.321563	1.51651	1.51651	0.491704	0.752785	-1.3284	0.0337262	2.74102	2.74102
cg07455279	NDUFA3	0.103549	0.0572147	0.358244	-2.7914	0.0932165	0.414316	-2.41362	0.0918232	0.412448	-2.42455
cg09685104	C18orf19;C18orf19;RNMT;C18orf19;C18orf19	0.103549	0.826729	0.968195	-1.03285	0.334262	0.863445	-1.15815	0.222202	0.827666	-1.20822
cg06136160	PACRG;PACRG;PACRG	0.10355	0.215426	0.732531	-1.36513	0.448085	1.20269	1.20269	0.861233	1.04265	1.04265
cg14285308	UBXN10	0.103551	0.113478	0.369865	-2.70369	0.0582729	3.44122	3.44122	0.208476	2.15063	2.15063
cg23047792	RPL18;SPHK2	0.103554	0.753238	0.921443	-1.08525	0.280106	1.33812	1.33812	0.248833	1.36711	1.36711
cg15457598	C17orf95;JMJD6;JMJD6	0.103555	0.0870764	0.87829	-1.13858	0.0488112	1.16713	1.16713	0.0461244	1.16995	1.16995
cg21855830	CYP27C1	0.103556	0.0535343	0.0772179	-12.9504	0.0750882	0.0987483	-10.1268	0.177492	0.187495	-5.33349
cg17580613	C7orf30	0.103556	0.305909	0.547905	-1.82513	0.817012	1.14059	1.14059	0.104001	0.364635	-2.74247
cg02064338	C14orf149;JKAMP;JKAMP	0.103561	0.93308	1.01945	1.01945	0.321244	1.26504	1.26504	0.590942	1.13255	1.13255
cg06694137	PROX1	0.103561	0.988762	0.998221	-1.00178	0.613752	1.06645	1.06645	0.00462743	1.61	1.61
cg13485335	POU2F3	0.103562	0.243388	1.25881	1.25881	0.00714866	0.519457	-1.92509	0.0528244	0.660334	-1.51438
cg18474108	PABPC3;PABPC3	0.103562	0.0308664	3.11501	3.11501	0.575234	1.28886	1.28886	0.357789	1.52786	1.52786
cg11307246	BEX1	0.103563	0.168934	1.69222	1.69222	0.248181	0.648384	-1.5423	0.746008	1.12372	1.12372
cg02968175	MGRN1;MGRN1;MGRN1;MGRN1	0.103563	0.277073	1.67171	1.67171	0.00846906	4.60821	4.60821	0.0173605	3.73168	3.73168
cg02606058	FBXL8	0.103565	0.684853	0.745357	-1.34164	0.0156444	8.45215	8.45215	0.0157552	8.42478	8.42478
cg07336754	OR8S1	0.103567	0.863611	1.03153	1.03153	0.451335	1.14862	1.14862	0.00567409	0.519356	-1.92546
cg11734401	STXBP6	0.103568	0.066313	5.6025	5.6025	0.696144	1.3887	1.3887	0.213659	2.99095	2.99095
cg27340350	CGB7	0.103573	0.027018	0.344175	-2.9055	0.341461	0.670776	-1.49081	0.962831	1.01917	1.01917
cg08908992	PSTK	0.103574	0.0162388	0.509129	-1.96414	0.195092	0.729996	-1.36987	0.850412	0.95757	-1.04431
cg08743017	ANKS1B	0.103574	0.59109	0.855517	-1.16888	0.00373424	3.08556	3.08556	0.752934	1.09511	1.09511
cg08051310	PHACTR1	0.103576	0.031183	2.79314	2.79314	0.912239	1.04463	1.04463	0.331001	1.49054	1.49054
cg02675896	C5orf30	0.103576	0.924847	1.029	1.029	0.791793	1.08347	1.08347	0.342523	1.34494	1.34494
cg21212494	KLHL12	0.103578	0.653901	1.10532	1.10532	0.855624	0.960395	-1.04124	0.333572	1.24769	1.24769
cg06979020	NFAT5;NFAT5;NFAT5;NFAT5;NFAT5	0.103578	0.177613	1.46896	1.46896	0.652842	0.885561	-1.12923	0.594131	0.865577	-1.1553
cg21289124	TPST2;MIR548J;TPST2	0.103578	0.0438619	2.45747	2.45747	0.455874	0.74469	-1.34284	0.763132	0.889299	-1.12448
cg18754335	KCNK16;KCNK16;KCNK16;KCNK16	0.103579	0.31999	0.789921	-1.26595	0.916935	0.976344	-1.02423	0.00785322	0.457132	-2.18755
cg18518914	BUB1	0.103583	0.0896153	0.651172	-1.53569	0.0377713	0.57563	-1.73723	0.517	1.16253	1.16253
cg01163842	GSC	0.103583	0.387567	0.60706	-1.64728	0.21897	2.07224	2.07224	0.604844	1.34204	1.34204
cg19859729	TSPAN9;TSPAN9	0.103586	0.451668	0.710449	-1.40756	0.0324503	3.05333	3.05333	0.21698	1.78447	1.78447
cg12923179	ULK1	0.103586	0.664817	0.765568	-1.30622	0.45354	1.59663	1.59663	0.242625	0.472678	-2.11561
cg25033993	STX1B	0.103587	0.0351803	0.440823	-2.26849	0.710747	0.883058	-1.13243	0.783257	1.09643	1.09643
cg21251926	GML	0.103588	0.0329234	1.42986	1.42986	0.0314231	1.43583	1.43583	0.401615	0.884227	-1.13093
cg14333237	DOCK5	0.103593	0.320993	0.466647	-2.14295	0.750787	0.78911	-1.26725	0.0252597	0.138407	-7.22504
cg24876644	MYBPH	0.103598	0.124092	0.791586	-1.26329	0.0384817	1.40005	1.40005	0.340691	1.14775	1.14775
cg05674990	MMP25	0.103598	0.964948	0.989522	-1.01059	0.277216	1.31111	1.31111	0.252596	1.33168	1.33168
cg01466825	RNF5P1;RNF5;AGPAT1;AGPAT1	0.103598	0.00897511	0.595323	-1.67976	0.0282573	0.667462	-1.49821	0.120882	0.769103	-1.30022
cg07095995	COL25A1;COL25A1	0.103599	0.532611	1.10355	1.10355	0.713432	0.944118	-1.05919	0.149098	1.27277	1.27277
cg15368264	C6orf191;C6orf191	0.103609	0.0615819	0.170894	-5.85159	0.0675112	0.179296	-5.57736	0.763555	0.776366	-1.28805
cg26417874	TRIM39;TRIM39	0.10361	0.875754	0.981474	-1.01888	0.569487	1.07112	1.07112	0.600954	1.0651	1.0651
cg25789916	ISLR2;ISLR2;ISLR2;ISLR2	0.103611	0.683235	1.12102	1.12102	0.038598	1.94861	1.94861	0.699013	0.89746	-1.11426
cg00190795	TNK2;TNK2	0.103611	0.913806	1.0366	1.0366	0.0159776	2.66243	2.66243	0.0264792	2.39487	2.39487
cg05572417	MCF2L;MCF2L	0.103616	0.630727	1.30796	1.30796	0.00913361	6.26843	6.26843	0.0339546	3.94396	3.94396
cg12764620	PRKCZ;PRKCZ	0.103617	0.48246	0.742031	-1.34765	0.100577	2.12082	2.12082	0.164627	1.85833	1.85833
cg14539231	EPSTI1;EPSTI1	0.103622	0.189638	0.41747	-2.39538	0.282164	0.495247	-2.01919	0.0676424	0.276045	-3.62259
cg06723287	TMEM87B	0.103622	0.806621	0.969619	-1.03133	0.223617	1.1745	1.1745	0.607634	0.936927	-1.06732
cg17412528	LOC100133091	0.103624	0.427596	1.16559	1.16559	0.169705	1.31879	1.31879	0.848752	1.03678	1.03678
cg04165024	MAPK8IP3;MAPK8IP3	0.103631	0.244819	1.59597	1.59597	0.0288389	0.371435	-2.69226	0.178577	0.577442	-1.73178
cg11851772	CNTNAP1;CCR10	0.103632	0.108485	1.22955	1.22955	0.953892	0.993199	-1.00685	0.400793	0.903476	-1.10684
cg22209573	ARL16;HGS	0.103633	0.146476	0.41561	-2.4061	0.013357	0.177934	-5.62005	0.118104	0.38448	-2.60092
cg07533417	SVIL;SVIL	0.103634	0.673808	1.14091	1.14091	0.0411575	0.480185	-2.08253	0.410822	0.769607	-1.29937
cg18643762	STEAP3;STEAP3;STEAP3	0.103636	0.376711	0.541958	-1.84516	0.220518	0.419026	-2.38649	0.624002	0.71632	-1.39602
cg22833292	RPS6KA4;RPS6KA4	0.103639	0.0941506	0.715917	-1.39681	0.233039	0.796861	-1.25492	0.510904	0.885952	-1.12873
cg19501941	C11orf90	0.103639	0.816372	1.08219	1.08219	0.0312971	2.35827	2.35827	0.0978236	1.85293	1.85293
cg16953031	NAALADL2	0.10364	0.998475	0.998932	-1.00107	0.579044	0.730955	-1.36807	0.0213391	0.212859	-4.69795
cg07719401	KIAA0430	0.10364	0.0305674	0.409798	-2.44022	0.109103	0.54151	-1.84669	0.346062	0.711298	-1.40588
cg08308360	GTF2F1	0.10364	0.267776	0.87706	-1.14017	0.188943	1.17135	1.17135	0.888269	1.0161	1.0161
cg20393609	ALKBH4;LRWD1	0.103641	0.00751989	0.0518121	-19.3005	0.0943771	4.86647	4.86647	0.504056	1.7922	1.7922
cg27613749	SLC17A4	0.103641	0.0995815	0.567559	-1.76193	0.0169209	0.400829	-2.49483	0.0379864	0.470042	-2.12747
cg23146472	TTBK1	0.103645	0.264904	1.7456	1.7456	0.322157	1.6329	1.6329	0.0861214	2.48235	2.48235
cg08015776	APP;APP;APP;APP;APP	0.103646	0.0091283	0.288952	-3.46078	0.223878	1.61445	1.61445	0.405292	1.376	1.376
cg06463230	ARHGEF10	0.103646	0.783612	1.07288	1.07288	0.258648	0.739929	-1.35148	0.752552	0.92235	-1.08419
cg18850089	PALM3	0.103651	0.0238272	4.61942	4.61942	0.242903	0.499892	-2.00043	0.575242	0.725262	-1.37881
cg00568164	TSPAN18;TSPAN18	0.103654	0.0353765	0.25632	-3.90138	0.982803	0.988095	-1.01205	0.528093	0.701051	-1.42643
cg03754705	SAPS1	0.103658	0.253741	1.42204	1.42204	0.0230245	2.23245	2.23245	0.204212	1.4856	1.4856
cg11271593	RPS11;SNORD35B	0.103661	0.0585543	0.173833	-5.75264	0.0169089	0.0920248	-10.8666	0.754007	0.773076	-1.29353
cg23417096	NDRG1;NDRG1	0.103663	0.427484	0.859502	-1.16346	0.256536	1.24772	1.24772	0.34942	1.19723	1.19723
cg21384492	SNED1	0.103667	0.901639	0.961279	-1.04028	0.307102	0.713415	-1.40171	0.152372	1.63174	1.63174
cg26723237	IGDCC3	0.103667	0.577379	1.17005	1.17005	0.133057	0.636278	-1.57164	0.0491317	0.534418	-1.87119
cg02344895	NOTO	0.103668	0.1148	1.26839	1.26839	0.607411	0.930675	-1.07449	0.731276	1.04895	1.04895
cg23539498	HMGXB4;HMGXB4	0.103668	0.272878	0.768133	-1.30186	0.444973	0.835276	-1.19721	0.0192987	1.92353	1.92353
cg21574565	CHDH	0.103668	0.412143	0.838099	-1.19318	0.734283	1.0744	1.0744	0.351837	1.22361	1.22361
cg11313335	TAP1	0.103671	0.0232358	0.548634	-1.82271	0.385448	1.21762	1.21762	0.0528338	0.614454	-1.62746
cg21445913	ART3	0.103673	0.0897458	0.537522	-1.86039	0.562802	0.823509	-1.21432	0.0902752	0.538181	-1.85811
cg07000831	SETDB2;SETDB2;CAB39L	0.103675	0.484085	0.894968	-1.11736	0.179811	0.800671	-1.24895	0.743943	0.95014	-1.05248
cg04231636	KDM1B	0.103677	0.0237782	0.317658	-3.14804	0.186861	0.55177	-1.81235	0.117026	0.484983	-2.06193
cg13590336	LOC145783;TCF12;TCF12;TCF12;TCF12	0.103684	0.679876	0.852503	-1.17302	0.0622102	2.24206	2.24206	0.223252	0.611297	-1.63587
cg26717009	GJA3	0.103684	0.160023	3.22729	3.22729	0.266425	2.46888	2.46888	0.882554	0.891029	-1.1223
cg13971603	NTNG2	0.103685	0.313645	0.760506	-1.31491	0.0438765	0.544177	-1.83764	0.00443703	0.368846	-2.71116
cg00819818	RARA;RARA;RARA;RARA	0.103694	0.0643558	0.621116	-1.61001	0.985389	0.995813	-1.0042	0.387507	0.8163	-1.22504
cg16383109	MPG	0.103695	0.0402398	0.305729	-3.27087	0.020643	0.248133	-4.0301	0.0190492	0.24191	-4.13377
cg01096381	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.103695	0.50076	1.20692	1.20692	0.0122172	0.423504	-2.36125	0.0385071	0.516993	-1.93426
cg22233974	MACF1	0.103697	0.276942	0.555665	-1.79965	0.461244	1.47665	1.47665	0.0880764	2.65933	2.65933
cg02430183	WNK2	0.103698	0.205182	2.7452	2.7452	0.282715	2.324	2.324	0.339601	2.10345	2.10345
cg11940847	SCYL2;DEPDC4	0.103701	0.817895	0.961002	-1.04058	0.206359	1.25845	1.25845	0.467919	1.13585	1.13585
cg18539461	NAV1;NAV1	0.103702	0.228023	0.579806	-1.72472	0.787006	1.12374	1.12374	0.0348668	2.88435	2.88435
cg01362762	RASA3	0.103703	0.793118	0.916933	-1.09059	0.27608	0.688105	-1.45327	0.123024	0.576215	-1.73546
cg10237088	POFUT1;PLAGL2;POFUT1	0.103704	0.378469	0.871832	-1.14701	0.114342	1.29783	1.29783	0.519765	1.10412	1.10412
cg07702526	LMF1	0.103706	0.277286	0.773474	-1.29287	0.118616	1.4698	1.4698	0.404661	1.2139	1.2139
cg25692785	ZNF860;OSBPL10	0.103707	0.129006	0.587398	-1.70242	0.605369	0.844466	-1.18418	0.049177	0.482753	-2.07145
cg14302428	GLIS3;GLIS3	0.103707	0.333299	0.786092	-1.27212	0.0420768	0.568433	-1.75922	0.0133755	0.477647	-2.0936
cg25162473	TXNRD1	0.103713	0.137958	0.585115	-1.70907	0.00797665	0.319485	-3.13003	0.135318	0.582678	-1.71621
cg03315215	PCDH8;PCDH8	0.103714	0.232848	0.61337	-1.63034	0.189122	0.580693	-1.72208	0.123538	1.91893	1.91893
cg12609607	ZNF354A	0.103715	0.586423	0.811632	-1.23209	0.0292886	2.65275	2.65275	0.74453	1.13228	1.13228
cg16443939	ERLIN1;ERLIN1	0.103717	0.187785	0.809519	-1.2353	0.79163	1.0409	1.0409	0.151731	0.79255	-1.26175
cg01537713	PCOLCE2	0.103717	0.030449	0.234106	-4.27156	0.199982	0.46168	-2.166	0.0904392	0.344729	-2.90083
cg05102794	ACSF3;ACSF3;ACSF3	0.103719	0.0702842	0.601828	-1.66161	0.184131	1.42416	1.42416	0.646045	1.12306	1.12306
cg08180285	FANCF	0.10372	0.0277078	4.41225	4.41225	?	?	?	0.972052	1.01795	1.01795
cg15555875	GMCL1	0.103721	0.186955	1.32839	1.32839	0.663385	1.09298	1.09298	0.592083	0.896011	-1.11606
cg04065086	SEMA6C	0.103721	0.529265	0.604083	-1.6554	0.00928386	13.6041	13.6041	0.0409576	6.45933	6.45933
cg18279839	WDR8	0.103722	0.00742305	0.443215	-2.25624	0.521317	1.16577	1.16577	0.936109	1.0191	1.0191
cg08249934	ICK;ICK	0.103723	0.736961	1.08324	1.08324	0.365515	0.80209	-1.24674	0.0453614	0.580139	-1.72372
cg16053434	SMC4;SMC4;IFT80	0.103723	0.437864	0.814745	-1.22738	0.194919	1.42612	1.42612	0.301533	0.757959	-1.31933
cg20716489	TNK2;TNK2	0.103724	0.555868	1.07904	1.07904	0.461105	1.10056	1.10056	0.431338	1.108	1.108
cg14287403	MTR	0.103725	0.0796622	0.375813	-2.66089	0.488305	0.701716	-1.42508	0.0893776	0.389699	-2.56608
cg23434919	STK10;STK10	0.103725	0.020605	0.618054	-1.61798	0.641612	0.9223	-1.08425	0.17573	1.28202	1.28202
cg00741259	ZDHHC17	0.103725	0.958882	0.987377	-1.01278	0.0446412	0.566615	-1.76487	0.220685	0.728143	-1.37336
cg09730836	NCRNA00219;SNORA13	0.103726	0.148753	0.798732	-1.25198	0.0237737	1.47932	1.47932	0.0489766	1.38569	1.38569
cg09774649	C4orf23	0.103726	0.203318	1.89724	1.89724	0.650461	0.804489	-1.24303	0.538076	1.34625	1.34625
cg13064062	HIST4H4	0.103726	0.023478	2.62321	2.62321	0.412676	1.34778	1.34778	0.37755	1.38079	1.38079
cg15555985	PDZRN3	0.103727	0.158287	0.572341	-1.74721	0.921207	0.964058	-1.03728	0.117784	0.533427	-1.87467
cg03646906	PRAF2	0.103728	0.949335	1.02356	1.02356	0.802021	0.912057	-1.09642	0.810466	0.91573	-1.09202
cg01611640	ZBED5;ZBED5	0.103728	0.515434	0.861604	-1.16063	0.184138	1.37467	1.37467	0.256255	1.3069	1.3069
cg25593954	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP	0.103729	0.0262369	0.339885	-2.94217	0.655544	0.832133	-1.20173	0.894684	0.947234	-1.05571
cg04322596	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.103731	0.13175	0.395176	-2.53052	0.00479281	0.118094	-8.46783	0.695581	1.25158	1.25158
cg13866767	EDNRB;EDNRB;EDNRB	0.103732	0.0908926	0.35888	-2.78645	0.58497	0.73827	-1.35452	0.107211	0.380046	-2.63126
cg21617870	CSNK1G1	0.103732	0.0450619	0.284388	-3.51632	0.800255	1.1487	1.1487	0.957682	0.971402	-1.02944
cg14924091	CHST14	0.103732	0.737262	0.949322	-1.05338	0.277908	1.19039	1.19039	0.334714	1.1661	1.1661
cg23531697	DSCAML1	0.103733	0.408964	0.574051	-1.742	0.00674829	0.0994413	-10.0562	0.0503665	0.230857	-4.33169
cg12436568	PTPN7	0.103734	0.772733	1.09903	1.09903	0.754942	1.1075	1.1075	0.106046	0.562349	-1.77825
cg02531908	ENO2	0.103734	0.695672	0.861338	-1.16098	0.780962	1.11165	1.11165	0.977512	0.989354	-1.01076
cg26948599	C8orf41;C8orf41;C8orf41	0.103734	0.349038	0.903154	-1.10723	0.315261	0.896086	-1.11596	0.0367149	1.29231	1.29231
cg26002634	ENPEP	0.103734	0.0365822	0.580448	-1.72281	0.440138	1.19279	1.19279	0.159539	0.714203	-1.40016
cg24904739	TBC1D16	0.103736	0.0375379	0.200934	-4.97677	0.0196986	0.153612	-6.50989	0.0770019	0.270448	-3.69757
cg07483266	CBFA2T3;CBFA2T3	0.103741	0.890079	1.08707	1.08707	0.00619852	8.62596	8.62596	0.0190769	5.54539	5.54539
cg05257850	ZFYVE28	0.103742	0.044704	0.600467	-1.66537	0.692834	0.915882	-1.09184	0.0380105	0.587222	-1.70293
cg04217515	ITGB2;ITGB2	0.103745	0.854953	0.943073	-1.06036	0.194132	1.55272	1.55272	0.00686601	0.325886	-3.06855
cg16004548	KDM2A;KDM2A	0.103748	0.914132	0.951293	-1.0512	0.760825	1.15181	1.15181	0.940253	0.965894	-1.03531
cg16860712	EHD2	0.103748	0.529421	0.846047	-1.18197	0.818396	0.941435	-1.06221	0.0317633	0.516589	-1.93578
cg23279559	USP25	0.103749	0.0722357	0.701655	-1.4252	0.27079	1.22444	1.22444	0.402797	1.16324	1.16324
cg14862207	SRCIN1	0.103756	0.458054	2.06818	2.06818	0.00275678	53.0802	53.0802	0.0555068	8.06054	8.06054
cg11832339	BBOX1	0.103757	0.158956	0.537628	-1.86002	0.0116183	0.272433	-3.67063	0.0661089	0.427515	-2.3391
cg20798164	PRDM16;PRDM16	0.103759	0.573677	0.909727	-1.09923	0.403764	0.867464	-1.15279	0.433757	0.875528	-1.14217

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)
cg00908824	0.95712	0.989256	-1.01086	0.278317	0.797351	-1.25415	0.439113	1.17178	1.17178	0.108133	1.4221	1.4221	0.193068	1.31878	1.31878	0.862687
cg13959831	0.734385	1.10954	1.10954	0.0366093	0.476514	-2.09857	0.86945	1.05148	1.05148	0.0808262	0.55383	-1.80561	0.852398	1.05849	1.05849	0.631357
cg17993985	0.781166	1.05857	1.05857	0.617857	1.10826	1.10826	0.127945	1.39983	1.39983	0.0027414	2.32778	2.32778	0.842693	1.04144	1.04144	0.180747
cg10172801	0.144373	1.25999	1.25999	0.183705	0.812308	-1.23106	0.852246	1.02786	1.02786	0.0115131	0.627625	-1.59331	0.229013	1.20449	1.20449	0.680494
cg12971526	0.0292981	1.32352	1.32352	0.545781	1.06902	1.06902	0.14399	0.842517	-1.18692	0.164585	0.850552	-1.17571	0.039119	1.29775	1.29775	0.933528
cg22151713	0.0205705	3.10901	3.10901	0.786534	1.1167	1.1167	0.472794	0.743099	-1.34572	0.517816	1.30553	1.30553	0.051054	2.46837	2.46837	0.109413
cg07455279	0.0770602	0.391389	-2.555	0.0995784	2.36619	2.36619	0.63578	1.25564	1.25564	0.0773322	0.3918	-2.55232	0.731952	0.848689	-1.17829	0.5774
cg09685104	0.112666	1.28995	1.28995	0.13358	1.26943	1.26943	0.82092	1.03399	1.03399	0.0385809	0.702386	-1.42372	0.0568702	1.37402	1.37402	0.440088
cg06136160	0.217229	0.733517	-1.3633	0.955019	0.986625	-1.01356	0.784919	0.936784	-1.06748	0.00779036	2.26039	2.26039	0.0851856	1.57508	1.57508	0.381096
cg14285308	0.405947	1.63395	1.63395	0.215298	0.470848	-2.12383	0.123942	2.61733	2.61733	0.0997889	0.352882	-2.83381	0.251392	0.500559	-1.99777	0.945267
cg23047792	0.796374	0.935118	-1.06938	0.0180902	0.474846	-2.10595	0.623004	0.879378	-1.13717	0.0331489	0.52409	-1.90807	0.209376	1.4095	1.4095	0.670514
cg15457598	0.250448	0.920822	-1.08599	0.275206	0.924988	-1.0811	0.860707	0.988008	-1.01214	0.851356	0.987197	-1.01297	0.351893	0.936314	-1.06802	0.224037
cg21855830	0.465505	0.419983	-2.38105	0.0407548	0.0633574	-15.7835	0.0964427	0.118612	-8.43087	0.0132398	0.0277023	-36.098	0.0917919	0.11438	-8.74281	0.602319
cg17580613	0.897957	1.07554	1.07554	0.0029732	0.0989113	-10.1101	0.567395	1.3883	1.3883	0.908219	1.06764	1.06764	0.643352	0.76749	-1.30295	0.809478
cg02064338	0.0638639	0.620101	-1.61264	0.0429707	0.586054	-1.70633	0.0181573	0.517838	-1.93111	0.103909	0.665025	-1.5037	0.733721	0.924655	-1.08148	0.903866
cg06694137	0.822246	0.971959	-1.02885	0.829704	1.0276	1.0276	0.535452	0.923739	-1.08256	0.324437	0.8793	-1.13727	0.646534	1.0601	1.0601	0.0600682
cg13485335	0.692675	0.927834	-1.07778	0.714493	0.933065	-1.07174	0.609998	1.10186	1.10186	0.552127	0.892775	-1.1201	0.469145	0.870343	-1.14897	0.135654
cg18474108	0.27684	0.602331	-1.66022	0.066038	0.396813	-2.52008	0.39958	0.679419	-1.47185	0.105725	0.452908	-2.20795	0.232378	0.570442	-1.75303	0.373017
cg11307246	0.0948809	0.517495	-1.93239	0.0525785	0.453406	-2.20553	0.0812033	2.00134	2.00134	0.131414	1.7941	1.7941	0.498964	1.27933	1.27933	0.47549
cg02968175	0.663862	1.21989	1.21989	0.632921	0.803542	-1.24449	0.993258	1.00385	1.00385	0.844826	0.91478	-1.09316	0.683126	0.829812	-1.20509	0.886103
cg02606058	0.271777	2.2796	2.2796	0.75046	0.794678	-1.25837	0.495801	1.64564	1.64564	0.461273	1.71642	1.71642	0.0525128	4.89362	4.89362	0.716172
cg07336754	0.730401	1.06445	1.06445	0.718394	0.936709	-1.06757	0.81406	1.04346	1.04346	0.754947	0.945037	-1.05816	0.418465	1.16099	1.16099	0.0443635
cg11734401	0.793347	1.24566	1.24566	0.178848	3.30324	3.30324	0.213039	2.99585	2.99585	0.183991	3.25182	3.25182	0.0610628	5.8483	5.8483	0.00512325
cg27340350	0.900881	1.05207	1.05207	0.346961	1.48368	1.48368	0.506477	1.31599	1.31599	0.904468	0.952265	-1.05013	0.0143932	0.292612	-3.4175	0.228442
cg08908992	0.0201743	0.525483	-1.90301	0.904131	0.972709	-1.02806	0.0665848	0.623513	-1.60382	0.0601131	0.61447	-1.62742	0.573937	0.877687	-1.13936	0.188842
cg08743017	0.467544	0.808405	-1.237	0.427336	0.79201	-1.26261	0.727977	1.10569	1.10569	0.356276	1.31391	1.31391	0.153066	1.55309	1.55309	0.751482
cg08051310	0.475755	1.33367	1.33367	0.165577	1.80674	1.80674	0.106062	2.03137	2.03137	0.0252989	0.338707	-2.95241	0.812449	1.09873	1.09873	0.333228
cg02675896	0.710385	0.893123	-1.11967	0.0094378	0.368993	-2.71008	0.684792	0.883671	-1.13164	0.21983	1.47841	1.47841	0.138404	1.6216	1.6216	0.110807
cg21212494	0.696986	1.0907	1.0907	0.272647	1.28831	1.28831	0.326162	1.25224	1.25224	0.093302	0.66392	-1.50621	0.327806	1.25122	1.25122	0.00529505
cg06979020	0.543243	0.847757	-1.17958	0.0385132	0.525489	-1.90299	0.462437	0.818095	-1.22235	0.36042	1.28707	1.28707	0.0244396	2.05368	2.05368	0.177065
cg21289124	0.197288	1.69732	1.69732	0.932822	0.967805	-1.03327	0.347609	1.45555	1.45555	0.00668439	3.91848	3.91848	0.163032	1.7824	1.7824	0.518041
cg18754335	0.551375	1.14832	1.14832	0.647386	1.11147	1.11147	0.257486	1.31151	1.31151	0.757693	1.0736	1.0736	0.123372	0.681807	-1.46669	0.0975619
cg18518914	0.468673	0.844501	-1.18413	0.292943	0.778722	-1.28416	0.177959	0.720267	-1.38837	0.0271009	0.548949	-1.82166	0.0226749	0.535049	-1.86899	0.267009
cg01163842	0.594774	0.73891	-1.35334	0.871256	0.912644	-1.09572	0.605697	1.34109	1.34109	0.465361	1.52004	1.52004	0.00333397	9.50457	9.50457	0.180955
cg19859729	0.0519216	0.373073	-2.68044	0.080449	0.421292	-2.37365	0.277765	0.604602	-1.65398	0.92213	0.957348	-1.04455	0.447187	1.41253	1.41253	0.542829
cg12923179	0.251262	0.47972	-2.08455	0.0181306	0.172316	-5.80329	0.614354	0.732462	-1.36526	0.0100784	0.136722	-7.31413	0.512977	0.665925	-1.50167	0.122245
cg25033993	0.222039	0.651506	-1.53491	0.0470176	0.468164	-2.136	0.519177	0.803992	-1.24379	0.00717303	0.31383	-3.18644	0.29326	0.694898	-1.43906	0.605252
cg21251926	0.437024	0.892579	-1.12035	0.11868	1.27477	1.27477	0.0656654	1.34457	1.34457	0.26176	1.18262	1.18262	0.273485	1.17744	1.17744	0.775154
cg14333237	0.622387	0.69144	-1.44626	0.140481	0.307689	-3.25004	0.382503	0.513904	-1.94589	0.00488486	0.062473	-16.0069	0.816568	0.841377	-1.18853	0.947366
cg24876644	0.334286	1.14999	1.14999	0.584568	0.925441	-1.08057	0.216926	1.20001	1.20001	0.015979	1.51285	1.51285	0.765818	0.958946	-1.04281	0.475537
cg05674990	0.0238989	0.524132	-1.90792	0.640717	1.11925	1.11925	0.0192423	0.507245	-1.97143	0.503243	1.17684	1.17684	0.440562	1.20747	1.20747	0.984931
cg01466825	0.383924	1.14952	1.14952	0.262333	0.833255	-1.20011	0.442331	0.884913	-1.13005	0.693068	0.939962	-1.06387	0.752185	1.05068	1.05068	0.445357
cg07095995	0.37738	0.86831	-1.15166	0.403927	1.14241	1.14241	0.0297088	1.49021	1.49021	0.0512067	0.70742	-1.41359	0.115929	0.766149	-1.30523	0.546456
cg15368264	0.276026	0.386459	-2.5876	0.0573806	0.16471	-6.07127	0.154112	0.278008	-3.59702	0.021218	0.0978636	-10.2183	0.0277983	0.112831	-8.86283	0.157008
cg26417874	0.538673	1.07723	1.07723	0.0237408	0.724265	-1.38071	0.986373	1.00204	1.00204	0.0104335	1.47014	1.47014	0.879979	0.982104	-1.01822	0.467238
cg25789916	0.881773	0.959408	-1.04231	0.0323811	2.00884	2.00884	0.0833554	1.70527	1.70527	0.0374093	1.95919	1.95919	0.217991	1.43453	1.43453	0.407132
cg00190795	0.0374014	2.22958	2.22958	0.751676	0.899982	-1.11113	0.951081	0.97984	-1.02058	0.239936	1.50451	1.50451	0.129884	1.72136	1.72136	0.652654
cg05572417	0.485238	1.48155	1.48155	0.595875	0.743282	-1.34539	0.365074	1.67507	1.67507	0.0561111	3.31739	3.31739	0.111751	2.6118	2.6118	0.517681
cg12764620	0.796191	1.11425	1.11425	0.00819237	0.243161	-4.11251	0.28773	1.58621	1.58621	0.923097	1.04118	1.04118	0.630426	0.816588	-1.22461	0.599297
cg14539231	0.0809645	0.296225	-3.37581	0.145201	0.373977	-2.67396	0.0552461	0.255038	-3.92099	0.438878	0.608704	-1.64283	0.302991	0.511273	-1.9559	0.0572643
cg06723287	0.362471	1.12496	1.12496	0.285456	1.14977	1.14977	0.992334	0.998792	-1.00121	0.00540214	0.630865	-1.58513	0.180639	0.83625	-1.19582	0.678768
cg17412528	0.593549	1.10729	1.10729	0.303673	1.22329	1.22329	0.135323	1.356	1.356	0.00649473	0.512081	-1.95282	0.857008	1.03471	1.03471	0.835954
cg04165024	0.103099	1.98405	1.98405	0.484264	0.760994	-1.31407	0.40308	1.38928	1.38928	0.145233	1.82399	1.82399	0.172829	0.572677	-1.74618	0.792022
cg11851772	0.889398	1.01656	1.01656	0.554454	1.07312	1.07312	0.334296	1.12471	1.12471	0.00508347	0.645914	-1.54819	0.956984	1.00639	1.00639	0.580602
cg22209573	0.850169	0.89895	-1.11241	0.183561	0.451671	-2.214	0.537494	0.703488	-1.42149	0.00969165	0.158259	-6.31875	0.444676	0.644729	-1.55104	0.31067
cg07533417	0.446235	0.785246	-1.27349	0.687974	1.13395	1.13395	0.963097	1.01451	1.01451	0.00864752	2.83581	2.83581	0.466747	1.25936	1.25936	0.545882
cg18643762	0.193727	0.395099	-2.53101	0.0020651	0.0533958	-18.7281	0.453098	0.596825	-1.67553	0.218509	0.417275	-2.3965	0.297728	0.482405	-2.07295	0.294184
cg22833292	0.293403	0.820434	-1.21887	0.669749	0.925049	-1.08102	0.607129	0.910117	-1.09876	0.00359469	0.488728	-2.04613	0.205951	0.784837	-1.27415	0.06005
cg19501941	0.796632	1.09166	1.09166	0.877604	1.05373	1.05373	0.107904	0.551165	-1.81434	0.0261857	2.44924	2.44924	0.690695	1.14548	1.14548	0.388502
cg16953031	0.0459886	0.278318	-3.59301	0.0288051	0.236493	-4.22846	0.0554373	0.296977	-3.36727	0.192281	0.462168	-2.16372	0.64621	1.29496	1.29496	0.5428
cg07719401	0.723758	0.882865	-1.13268	0.0077545	0.301055	-3.32165	0.0997223	0.530807	-1.88392	0.150187	0.581878	-1.71857	0.348558	0.712625	-1.40326	0.113503
cg08308360	0.499608	0.925081	-1.08099	0.369318	1.11046	1.11046	0.108817	0.819767	-1.21986	0.00988985	1.44829	1.44829	0.554676	1.07026	1.07026	0.259088
cg20393609	0.455016	0.519535	-1.9248	0.470915	0.53198	-1.87977	0.191904	0.304596	-3.28304	0.581981	1.61356	1.61356	0.641834	1.49646	1.49646	0.620056
cg27613749	0.0468134	0.489583	-2.04255	0.0729834	0.533895	-1.87303	0.10298	0.571345	-1.75025	0.458386	0.789038	-1.26737	0.161305	0.625358	-1.59908	0.857494
cg23146472	0.028137	3.46654	3.46654	0.652685	0.804768	-1.24259	0.410717	1.4968	1.4968	0.110671	0.434576	-2.3011	0.613265	0.783207	-1.2768	0.0490149
cg08015776	0.231411	1.60087	1.60087	?	?	?	0.257178	0.641921	-1.55782	0.465086	1.3214	1.3214	0.545268	1.25794	1.25794	0.907388
cg06463230	0.512894	1.18482	1.18482	0.771258	1.07735	1.07735	0.0892028	1.61444	1.61444	0.00584684	2.51473	2.51473	0.116301	1.54675	1.54675	0.282935
cg18850089	0.557724	1.39988	1.39988	0.0176135	0.194264	-5.14763	0.406886	0.617921	-1.61833	0.464451	0.655441	-1.52569	0.762297	0.841878	-1.18782	0.518946
cg00568164	0.0473138	0.283389	-3.52871	0.194292	0.466269	-2.14469	0.0811452	0.341509	-2.92818	0.27586	0.532681	-1.8773	0.0256779	0.229353	-4.36009	0.0343458
cg03754705	0.689999	1.12574	1.12574	0.542458	1.19978	1.19978	0.2846	0.720104	-1.38869	0.0708129	0.550825	-1.81546	0.10436	1.68956	1.68956	0.467589
cg11271593	0.542615	0.603739	-1.65635	0.064714	0.182916	-5.467	0.156901	0.289501	-3.45422	0.0482944	0.157612	-6.3447	0.0536781	0.166312	-6.01278	0.117745
cg23417096	0.545223	0.891888	-1.12122	0.269847	1.23952	1.23952	0.643939	0.916696	-1.09087	0.228522	1.2664	1.2664	0.114908	1.37764	1.37764	0.00547372
cg21384492	0.509202	0.807455	-1.23846	0.014048	0.379662	-2.63392	0.148468	0.609553	-1.64055	0.297048	0.708005	-1.41242	0.0902792	1.81525	1.81525	0.83955
cg26723237	0.130154	0.63377	-1.57786	0.244064	0.711765	-1.40496	0.167696	0.663488	-1.50719	0.0355873	1.97879	1.97879	0.646383	0.879083	-1.13755	0.665598
cg02344895	0.470318	1.10719	1.10719	0.74787	1.04573	1.04573	0.277044	0.854934	-1.16968	0.31632	0.866213	-1.15445	0.0147141	1.51628	1.51628	0.0386311
cg23539498	0.573049	1.14069	1.14069	0.205625	1.36159	1.36159	0.939088	1.01782	1.01782	0.0921547	1.53499	1.53499	0.0711094	0.627488	-1.59366	0.876333
cg21574565	0.674779	0.91495	-1.09296	0.0324275	0.590103	-1.69462	0.0450886	0.616139	-1.62301	0.460029	1.17167	1.17167	0.0601964	1.5628	1.5628	0.302172
cg11313335	0.0859755	0.657131	-1.52177	0.241933	0.762593	-1.31132	0.331391	1.24828	1.24828	0.780536	1.06376	1.06376	0.142418	0.705441	-1.41755	0.639597
cg21445913	0.639347	0.855006	-1.16958	0.0186879	0.388296	-2.57535	0.937117	1.02653	1.02653	0.637188	1.17078	1.17078	0.301757	0.701115	-1.4263	0.0144955
cg07000831	0.354011	1.16044	1.16044	0.0126263	1.62236	1.62236	0.265196	0.834271	-1.19865	0.20247	0.810599	-1.23366	0.782833	1.04406	1.04406	0.106573
cg04231636	0.386226	0.685571	-1.45864	0.102825	0.468363	-2.1351	0.36094	0.670898	-1.49054	0.0271793	0.329178	-3.03787	0.197885	1.78318	1.78318	0.295933
cg13590336	0.35705	1.43951	1.43951	0.0724275	0.462563	-2.16187	0.0398223	2.4942	2.4942	0.202835	0.59627	-1.67709	0.418205	1.37459	1.37459	0.955007
cg26717009	0.352252	0.473719	-2.11096	0.964477	1.03537	1.03537	0.191936	0.340236	-2.93914	0.00682386	0.0648733	-15.4147	0.525928	1.65136	1.65136	0.404184
cg13971603	0.768187	1.08074	1.08074	0.169647	0.680913	-1.46862	0.811418	0.939137	-1.06481	0.447165	0.815839	-1.22573	0.187858	0.693063	-1.44287	0.265689
cg00819818	0.385574	1.2261	1.2261	0.0328041	0.564273	-1.77219	0.0646889	0.621573	-1.60882	0.0175839	0.515811	-1.9387	0.487985	0.850901	-1.17522	0.368136
cg16383109	0.130715	0.442168	-2.26158	0.0970576	0.40226	-2.48596	0.568283	0.749482	-1.33425	0.145793	0.457996	-2.18343	0.709027	0.829079	-1.20616	0.185946
cg01096381	0.310868	1.33449	1.33449	0.840771	1.05692	1.05692	0.427872	1.24952	1.24952	0.23496	1.40857	1.40857	0.808492	0.93536	-1.06911	0.977425
cg22233974	0.77304	0.860483	-1.16214	0.0935225	0.383473	-2.60774	0.365535	0.616861	-1.62111	0.0113702	0.19272	-5.18886	0.390764	0.633209	-1.57926	0.310549
cg02430183	0.816179	1.19234	1.19234	0.0224526	0.126717	-7.89158	0.46686	1.74954	1.74954	0.0582986	5.03543	5.03543	0.11092	3.71394	3.71394	0.40235
cg11940847	0.429906	1.14909	1.14909	0.163473	1.2924	1.2924	0.0142914	0.593885	-1.68383	0.127965	0.752898	-1.3282	0.919643	0.982747	-1.01756	0.169572
cg18539461	0.580576	0.786303	-1.27177	0.474523	0.731035	-1.36792	0.169221	0.532115	-1.87929	0.246236	0.593112	-1.68602	0.240527	1.69779	1.69779	0.0409714
cg01362762	0.0874973	1.86339	1.86339	0.861706	0.944094	-1.05922	0.0372656	0.450368	-2.2204	0.15663	1.64856	1.64856	0.311722	1.41241	1.41241	0.130639
cg10237088	0.42693	1.13103	1.13103	0.676685	1.06572	1.06572	0.770689	1.04536	1.04536	0.155265	0.793861	-1.25967	0.391572	0.875252	-1.14253	0.00741564
cg07702526	0.742144	0.927691	-1.07795	0.0152071	0.507744	-1.9695	0.314231	1.26693	1.26693	0.380969	1.22665	1.22665	0.743167	0.927979	-1.07761	0.0868179
cg25692785	0.415856	0.763595	-1.3096	0.0236693	0.416405	-2.40151	0.335524	0.724629	-1.38002	0.0119183	0.36139	-2.76709	0.132695	0.590855	-1.69246	0.117508
cg14302428	0.474385	0.839074	-1.19179	0.232759	0.739505	-1.35226	0.206545	1.37892	1.37892	0.716139	1.09207	1.09207	0.587773	1.1411	1.1411	0.159801
cg25162473	0.169864	0.612281	-1.63324	0.0195183	0.38786	-2.57825	0.304318	0.699814	-1.42895	0.206142	0.63926	-1.56431	0.227003	0.653398	-1.53046	0.17634
cg03315215	0.0306593	0.370797	-2.69689	0.0629441	0.441589	-2.26455	?	?	?	0.432853	1.36714	1.36714	0.875567	1.06314	1.06314	0.528206
cg12609607	0.844874	1.07727	1.07727	0.0135494	0.313213	-3.19271	0.356825	1.43342	1.43342	0.334665	0.685211	-1.45941	0.365932	1.42323	1.42323	0.777492
cg16443939	0.0735295	1.35262	1.35262	0.174023	1.24475	1.24475	0.0473227	0.709259	-1.40992	0.0829744	0.747806	-1.33724	0.605276	1.08213	1.08213	0.852064
cg01537713	0.327452	0.561541	-1.78081	0.309446	0.548571	-1.82292	0.169988	0.434151	-2.30334	0.176245	0.440086	-2.27228	0.0101537	0.157106	-6.36512	0.0458682
cg05102794	0.790009	1.06928	1.06928	0.976137	0.992522	-1.00753	0.465618	1.20484	1.20484	0.0192536	0.491359	-2.03517	0.0807833	0.615103	-1.62574	0.171603
cg08180285	0.410752	0.648272	-1.54256	?	?	?	?	?	?	?	?	?	?	?	?	0.136004
cg15555875	0.271411	0.792602	-1.26167	0.0283785	0.591388	-1.69094	0.0143873	0.542018	-1.84496	0.727976	0.931568	-1.07346	0.123693	0.712848	-1.40282	0.575835
cg04065086	0.414739	1.93345	1.93345	0.618975	0.672688	-1.48657	0.187681	3.01673	3.01673	0.121481	3.7724	3.7724	0.143468	3.46683	3.46683	0.47987
cg18279839	0.805678	1.05988	1.05988	0.04284	0.576934	-1.7333	0.53177	0.861179	-1.1612	0.0980159	0.651641	-1.53459	0.87206	1.03876	1.03876	0.703606
cg08249934	0.824935	1.05395	1.05395	0.0690768	0.617245	-1.6201	0.56098	0.869846	-1.14963	0.0678467	1.62441	1.62441	0.113526	1.50449	1.50449	0.215713
cg16053434	0.6723	0.895699	-1.11645	0.00445141	0.374438	-2.67067	0.444029	0.817074	-1.22388	0.0854442	0.611259	-1.63597	0.487936	0.833239	-1.20014	0.441646
cg20716489	0.129056	1.233	1.233	0.712168	1.04846	1.04846	0.0514628	1.32727	1.32727	0.00337009	1.66402	1.66402	0.835869	0.973856	-1.02685	0.557493
cg14287403	0.796553	0.878107	-1.13881	0.00881482	0.186772	-5.35411	0.133592	0.443047	-2.2571	0.212413	0.516435	-1.93635	0.998765	1.00078	1.00078	0.0357153
cg23434919	0.0868138	0.721548	-1.38591	0.141595	0.761294	-1.31355	0.0834298	0.718452	-1.39188	0.558822	0.903019	-1.1074	0.279291	1.21421	1.21421	0.814939
cg00741259	0.344682	0.786762	-1.27103	0.719084	0.914846	-1.09308	0.0352979	1.8295	1.8295	0.0890077	1.58751	1.58751	0.24451	1.34985	1.34985	0.678771
cg09730836	0.241726	1.19461	1.19461	0.231581	0.833534	-1.19971	0.127328	1.27032	1.27032	0.385533	1.1378	1.1378	0.824361	1.03278	1.03278	0.605721
cg09774649	0.088096	2.45368	2.45368	0.048343	0.340991	-2.93263	0.0797177	2.52805	2.52805	0.141806	2.12404	2.12404	0.107907	2.30851	2.30851	0.157218
cg13064062	0.0502193	2.21555	2.21555	0.444005	1.3206	1.3206	0.084788	1.97238	1.97238	0.44465	1.31194	1.31194	0.00885041	3.27865	3.27865	0.290073
cg15555985	0.095666	1.96827	1.96827	0.658577	0.848295	-1.17884	0.159582	1.74378	1.74378	0.225538	0.624444	-1.60143	0.0402954	2.40247	2.40247	0.337115
cg03646906	0.061884	0.462828	-2.16063	0.00642994	0.272889	-3.66449	0.780622	1.10772	1.10772	0.363151	1.40839	1.40839	0.366572	1.40477	1.40477	0.38899
cg01611640	0.931393	1.01964	1.01964	0.798697	1.05942	1.05942	0.0357794	0.57592	-1.73635	0.56631	1.1399	1.1399	0.0410108	1.70339	1.70339	0.0539464
cg25593954	0.357659	0.678973	-1.47281	0.0261881	0.339723	-2.94357	0.158151	0.539263	-1.85438	0.0303263	0.352721	-2.8351	0.0751818	0.44444	-2.25002	0.0900975
cg04322596	0.89437	0.926994	-1.07876	0.115342	0.37647	-2.65625	0.149336	0.413831	-2.41645	0.106908	0.366258	-2.73032	0.326767	0.561167	-1.782	0.850601
cg13866767	0.075236	0.336247	-2.97401	0.0220039	0.220576	-4.53359	0.225345	0.496276	-2.01501	0.0185836	0.207996	-4.80778	0.227042	0.497672	-2.00935	0.0622478
cg21617870	0.615643	1.31887	1.31887	0.129913	0.408803	-2.44617	0.0418266	0.277283	-3.60642	0.0133513	0.187149	-5.34335	0.517096	0.698273	-1.4321	0.193319
cg14924091	0.254627	1.20169	1.20169	0.404951	1.14067	1.14067	0.145557	0.785543	-1.273	0.008351	1.68305	1.68305	0.902172	1.01918	1.01918	0.0662439
cg23531697	0.789828	0.83898	-1.19192	0.176509	0.388944	-2.57106	0.176138	0.38859	-2.57341	0.147891	0.360491	-2.77399	0.951766	1.04056	1.04056	?
cg12436568	0.255985	0.679313	-1.47207	0.117838	0.574761	-1.73985	0.505759	1.2463	1.2463	0.0289598	2.31552	2.31552	0.135131	1.69084	1.69084	0.189398
cg02531908	0.167068	0.571612	-1.74944	0.115301	0.521987	-1.91576	0.0126164	0.308016	-3.24658	0.0294926	0.377813	-2.64681	0.265929	0.643928	-1.55297	0.337294
cg26948599	0.404215	0.913765	-1.09437	0.475561	0.926206	-1.07967	0.399725	0.912938	-1.09536	0.0559973	0.795547	-1.257	0.289108	0.890236	-1.1233	0.0732861
cg26002634	0.494852	0.856231	-1.16791	0.0538228	0.612477	-1.63271	0.0192533	0.530452	-1.88519	0.308264	0.789665	-1.26636	0.387815	0.820202	-1.21921	0.060405
cg24904739	0.324401	0.508248	-1.96754	0.270154	0.465997	-2.14594	0.0627789	0.248499	-4.02417	0.755521	0.812442	-1.23086	0.0663887	0.254315	-3.93212	0.0558214
cg07483266	0.907868	0.932491	-1.0724	0.715227	0.801537	-1.2476	0.670215	1.29515	1.29515	0.681412	0.779408	-1.28303	0.957137	0.968071	-1.03298	0.671374
cg05257850	0.584394	0.884928	-1.13003	0.00821799	0.473173	-2.11339	0.224079	0.753771	-1.32666	0.945549	0.984997	-1.01523	0.134421	0.699618	-1.42935	0.194442
cg04217515	0.0724577	0.526241	-1.90027	0.501354	0.803656	-1.24431	0.139438	0.600839	-1.66434	0.646025	1.15966	1.15966	0.794428	0.919762	-1.08724	0.479419
cg16004548	0.970225	1.01743	1.01743	0.0124658	0.23709	-4.2178	0.290151	1.66234	1.66234	0.165993	1.98149	1.98149	0.520887	1.35154	1.35154	0.035348
cg16860712	0.605558	0.872234	-1.14648	0.0233695	0.491197	-2.03584	0.157595	1.48665	1.48665	0.508919	1.19223	1.19223	0.555332	1.16946	1.16946	0.181534
cg23279559	0.0415004	0.660238	-1.5146	0.705329	0.93511	-1.06939	0.79965	0.95608	-1.04594	0.0878495	1.39472	1.39472	0.330208	1.19416	1.19416	0.11377
cg14862207	0.628182	1.59888	1.59888	0.358226	2.48074	2.48074	0.429122	2.17326	2.17326	0.160746	4.22395	4.22395	0.362889	2.45786	2.45786	0.617898
cg11832339	0.524496	1.30455	1.30455	0.0649251	0.425537	-2.34997	0.634538	0.820867	-1.21822	0.06486	0.425428	-2.35058	0.973091	1.014	1.014	0.834615
cg20798164	0.0220248	0.633136	-1.57944	0.349195	0.851821	-1.17396	0.322407	0.843574	-1.18543	0.065009	1.41172	1.41172	0.135841	1.30667	1.30667	0.265832

Probeset ID	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00908824	0.965822	-1.03539	2.52298	1.61258	0.568137	1
cg13959831	0.862822	-1.15899	2.52298	3.72212	1.31137	1
cg17993985	1.33703	1.33703	2.52293	1.669	0.58803	1
cg10172801	1.06293	1.06293	2.52292	0.867968	0.305807	1
cg12971526	0.990935	-1.00915	2.52288	0.476177	0.167772	1
cg22151713	2.03344	2.03344	2.52286	6.60642	2.32767	1
cg07455279	0.76446	-1.30811	2.52286	9.09739	3.20532	1
cg09685104	1.12309	1.12309	2.52285	0.868548	0.30602	1
cg06136160	1.23918	1.23918	2.52284	2.27682	0.802208	1
cg14285308	0.961126	-1.04045	2.52283	13.3255	4.69509	1
cg23047792	1.11742	1.11742	2.5228	2.68893	0.947423	1
cg15457598	1.0917	1.0917	2.52279	0.18851	0.0664202	1
cg21855830	0.541148	-1.84792	2.52278	54.5124	19.2071	1
cg17580613	0.871893	-1.14693	2.52278	12.8701	4.53474	1
cg02064338	0.972661	-1.02811	2.52273	2.10288	0.740953	1
cg06694137	1.30749	1.30749	2.52272	0.638371	0.224932	1
cg13485335	0.738423	-1.35424	2.52272	1.42056	0.50054	1
cg18474108	1.50667	1.50667	2.52271	8.02662	2.82822	1
cg11307246	1.29749	1.29749	2.52271	5.14657	1.81342	1
cg02968175	0.936929	-1.06732	2.52271	8.25521	2.90876	1
cg02606058	1.30083	1.30083	2.52268	20.7278	7.30364	1
cg07336754	0.65905	-1.51734	2.52266	1.30245	0.458933	1
cg11734401	22.0666	22.0666	2.52265	27.9689	9.85518	1
cg27340350	1.67355	1.67355	2.5226	6.63028	2.33631	1
cg08908992	0.726371	-1.37671	2.52259	2.10696	0.742431	1
cg08743017	0.912641	-1.09572	2.52259	3.30749	1.16546	1
cg08051310	1.48761	1.48761	2.68083	6.51902	1.89134	1
cg02675896	1.69298	1.69298	2.52257	3.66871	1.29276	1
cg21212494	2.26037	2.26037	2.52255	1.96682	0.693062	1
cg06979020	1.46976	1.46976	2.52255	2.87823	1.01422	1
cg21289124	1.28964	1.28964	2.52254	6.01945	2.12112	1
cg18754335	0.658904	-1.51767	2.52254	2.10391	0.741372	1
cg18518914	0.767139	-1.30354	2.5225	2.09934	0.739775	1
cg01163842	2.22671	2.22671	2.52249	12.6897	4.47165	1
cg19859729	0.759866	-1.31602	2.52246	7.94006	2.79799	1
cg12923179	0.358305	-2.79092	2.52246	15.0023	5.28665	1
cg25033993	0.840237	-1.19014	2.52245	4.4528	1.56912	1
cg21251926	0.959784	-1.0419	2.52245	0.820698	0.289207	1
cg14333237	1.0503	1.0503	2.52239	22.0734	7.77867	1
cg24876644	1.10719	1.10719	2.52234	0.786848	0.27729	1
cg05674990	0.995484	-1.00454	2.52233	2.29515	0.808827	1
cg01466825	0.885657	-1.1291	2.52233	0.973164	0.34295	1
cg07095995	1.09982	1.09982	2.52233	0.970884	0.342147	1
cg15368264	0.280849	-3.56063	2.52222	28.122	9.91084	1
cg26417874	0.915388	-1.09243	2.52221	0.570545	0.201074	1
cg25789916	0.789687	-1.26632	2.5222	3.09718	1.09153	1
cg00190795	1.1623	1.1623	2.5222	4.40189	1.55134	1
cg05572417	1.43842	1.43842	2.52215	12.2726	4.32527	1
cg12764620	0.801238	-1.24807	2.52213	6.97823	2.45938	1
cg14539231	3.86642	3.86642	2.52208	15.7911	5.56546	1
cg06723287	0.948959	-1.05379	2.52208	0.632113	0.222784	1
cg17412528	0.961532	-1.04001	2.52206	1.42961	0.50386	1
cg04165024	1.10688	1.10688	2.52198	5.89742	2.07858	1
cg11851772	1.06808	1.06808	2.52197	0.556405	0.196109	1
cg22209573	0.553825	-1.80562	2.52196	12.6746	4.46727	1
cg07533417	1.20964	1.20964	2.52195	3.87265	1.36496	1
cg18643762	0.479632	-2.08493	2.52194	18.2144	6.41991	1
cg22833292	0.680306	-1.46993	2.52191	1.31711	0.464239	1
cg19501941	0.740725	-1.35003	2.5219	4.60606	1.62349	1
cg16953031	0.708567	-1.4113	2.52189	12.4919	4.403	1
cg07719401	0.546302	-1.83049	2.52189	4.92261	1.73507	1
cg08308360	1.14316	1.14316	2.52189	0.515752	0.181787	1
cg20393609	1.53736	1.53736	2.52188	29.5772	10.4251	1
cg27613749	0.945157	-1.05802	2.52188	3.93308	1.38629	1
cg23146472	2.93744	2.93744	2.52184	9.18142	3.23624	1
cg08015776	0.957313	-1.04459	2.54891	5.04239	1.97825	1
cg06463230	1.32993	1.32993	2.52182	2.60856	0.919459	1
cg18850089	1.44916	1.44916	2.52178	12.8576	4.53213	1
cg00568164	0.253711	-3.94149	2.52174	12.3304	4.34633	1
cg03754705	0.803843	-1.24402	2.5217	3.48533	1.22856	1
cg11271593	0.24885	-4.01848	2.52167	26.7728	9.43739	1
cg23417096	1.97916	1.97916	2.52165	1.39476	0.491656	1
cg21384492	0.937302	-1.06689	2.52161	4.07405	1.43614	1
cg26723237	1.12898	1.12898	2.5216	3.10829	1.0957	1
cg02344895	1.39386	1.39386	2.5216	0.767579	0.270579	1
cg23539498	0.964642	-1.03665	2.52159	2.13398	0.752251	1
cg21574565	0.798407	-1.25249	2.52159	1.7717	0.624544	1
cg11313335	1.11001	1.11001	2.52157	1.95563	0.689388	1
cg21445913	0.367992	-2.71745	2.52154	4.39898	1.55072	1
cg07000831	0.759593	-1.31649	2.52152	0.97246	0.342812	1
cg04231636	0.630898	-1.58504	2.5215	7.21312	2.5428	1
cg13590336	1.02194	1.02194	2.52143	5.90689	2.08238	1
cg26717009	0.513655	-1.94683	2.52143	24.3267	8.576	1
cg13971603	0.73734	-1.35623	2.52141	2.75604	0.971605	1
cg00819818	0.809099	-1.23594	2.52132	2.09695	0.739276	1
cg16383109	0.495967	-2.01626	2.52131	9.98451	3.52004	1
cg01096381	0.992243	-1.00782	2.52131	3.02417	1.06617	1
cg22233974	0.579707	-1.72501	2.52128	10.7823	3.80134	1
cg02430183	0.523358	-1.91074	2.52128	22.791	8.0351	1
cg11940847	1.28706	1.28706	2.52125	1.1878	0.418769	1
cg18539461	2.76235	2.76235	2.52124	7.40976	2.61239	1
cg01362762	0.583571	-1.71359	2.52123	4.3469	1.53255	1
cg10237088	1.68801	1.68801	2.52121	0.920017	0.324365	1
cg07702526	0.650544	-1.53717	2.5212	2.06358	0.727548	1
cg25692785	0.576146	-1.73567	2.52118	4.20032	1.4809	1
cg14302428	0.696106	-1.43656	2.52118	2.32247	0.818831	1
cg25162473	0.617359	-1.6198	2.52112	4.49508	1.58486	1
cg03315215	1.28362	1.28362	2.54817	5.47621	2.14908	1
cg12609607	1.11365	1.11365	2.5211	5.76381	2.0322	1
cg16443939	1.02866	1.02866	2.52107	0.915083	0.322643	1
cg01537713	0.270774	-3.69311	2.52107	13.0116	4.58769	1
cg05102794	0.694024	-1.44087	2.52105	2.51476	0.88667	1
cg08180285	2.35783	2.35783	3.44396	5.73663	2.08213	1
cg15555875	0.89159	-1.12159	2.52104	1.6455	0.580183	1
cg04065086	1.76471	1.76471	2.52103	24.9712	8.80457	1
cg18279839	1.09439	1.09439	2.52102	2.22302	0.783815	1
cg08249934	0.734136	-1.36215	2.52102	2.24639	0.792056	1
cg16053434	0.816175	-1.22523	2.52101	2.67623	0.943619	1
cg20716489	1.0787	1.0787	2.521	0.651075	0.229565	1
cg14287403	0.292379	-3.42022	2.52099	10.1071	3.56372	1
cg23434919	1.04129	1.04129	2.52099	1.18885	0.419183	1
cg00741259	1.10807	1.10807	2.52099	2.42417	0.85475	1
cg09730836	1.07849	1.07849	2.52099	0.840772	0.296452	1
cg09774649	2.05733	2.05733	2.52098	9.08098	3.20192	1
cg13064062	1.47888	1.47888	2.52098	5.07014	1.78771	1
cg15555985	0.693406	-1.44216	2.52097	5.4652	1.92702	1
cg03646906	1.38192	1.38192	2.52096	5.36025	1.89002	1
cg01611640	1.63914	1.63914	2.52096	2.03685	0.718194	1
cg25593954	0.465539	-2.14805	2.52095	6.6885	2.35837	1
cg04322596	0.897986	-1.1136	2.52093	13.0017	4.58445	1
cg13866767	0.315096	-3.17363	2.52092	12.0872	4.26199	1
cg21617870	0.471105	-2.12267	2.52092	11.937	4.20904	1
cg14924091	1.37469	1.37469	2.52092	0.95256	0.335878	1
cg23531697	?	?	2.54797	15.494	6.0809	1
cg12436568	0.635512	-1.57353	2.5209	4.24553	1.49701	1
cg02531908	1.4559	1.4559	2.5209	5.75631	2.02972	1
cg26948599	1.23495	1.23495	2.52089	0.445733	0.157169	1
cg26002634	0.622389	-1.60671	2.52089	2.00196	0.705908	1
cg24904739	0.236721	-4.22438	2.52088	17.6568	6.22598	1
cg07483266	1.29389	1.29389	2.52082	14.5526	5.13152	1
cg05257850	0.738009	-1.355	2.52081	1.95557	0.689573	1
cg04217515	0.794304	-1.25896	2.52078	4.09589	1.44431	1
cg16004548	3.10944	3.10944	2.52075	8.55591	3.01706	1
cg16860712	1.45087	1.45087	2.52075	2.74891	0.969346	1
cg23279559	1.3551	1.3551	2.52074	1.24515	0.439078	1
cg14862207	1.62194	1.62194	2.52066	36.9194	13.0193	1
cg11832339	0.917428	-1.09	2.52066	6.78334	2.39209	1
cg20798164	1.21283	1.21283	2.52063	1.10561	0.38989	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09314708	OPCML;OPCML;OPCML	0.10376	0.201186	3.116	3.116	0.0329054	8.17267	8.17267	0.158572	3.55697	3.55697	0.223732	2.93358	2.93358	0.708963	1.37119	1.37119	0.194247	3.17814	3.17814	0.0133403	13.2097	13.2097	0.167221	3.45448	3.45448	0.024839	9.47647	9.47647	2.52063	28.2998	9.97981	1
cg09012264	SEPT6;SEPT6;SEPT6;SEPT6	0.103763	0.210642	1.84246	1.84246	0.253411	0.575444	-1.73779	0.648468	0.80844	-1.23695	0.982744	1.01007	1.01007	0.127776	0.466332	-2.1444	0.0466429	2.87339	2.87339	0.0319215	3.20514	3.20514	0.139564	2.08879	2.08879	0.473163	1.40217	1.40217	2.52059	8.56872	3.02177	1
cg22360318	GAS7	0.103763	0.611401	1.18531	1.18531	0.020891	2.51519	2.51519	0.741835	1.11593	1.11593	0.829162	0.930811	-1.07433	0.0777823	0.521862	-1.91622	0.0564989	2.04708	2.04708	0.502832	1.25311	1.25311	0.156951	1.65248	1.65248	0.116756	1.76023	1.76023	2.52059	4.39489	1.54986	1
cg01898628	SOST	0.103766	0.92056	0.960299	-1.04134	0.807772	0.905751	-1.10406	0.0173778	0.308434	-3.24219	0.293284	1.55696	1.55696	0.0275923	0.347172	-2.88041	0.589249	1.24778	1.24778	0.14967	0.534033	-1.87254	0.315909	0.656326	-1.52363	0.359333	1.46631	1.46631	2.52056	6.58365	2.32176	1
cg27380758	SORBS3	0.103767	0.917069	0.97859	-1.02188	0.487284	0.863598	-1.15795	0.888771	0.971341	-1.0295	0.0338399	1.67337	1.67337	0.0951762	0.683189	-1.46372	0.769521	1.06295	1.06295	0.47034	1.16487	1.16487	0.0440764	0.618355	-1.61719	0.103293	1.44811	1.44811	2.52055	1.7236	0.60784	1
cg20313873	ENTPD7	0.103768	0.485578	1.34417	1.34417	0.551398	0.777598	-1.28601	0.598381	0.801023	-1.2484	0.222025	0.58525	-1.70867	0.353068	0.67109	-1.49011	0.0874588	2.1979	2.1979	0.0150198	0.28714	-3.48262	0.15819	1.8771	1.8771	0.26501	0.61577	-1.62398	2.52054	6.95515	2.45279	1
cg16962115	LYST;MIR1537	0.103768	0.238434	0.557078	-1.79508	0.868124	0.924283	-1.08192	0.378988	0.652044	-1.53364	0.371719	1.54427	1.54427	0.00767485	0.197223	-5.07039	0.620144	1.2671	1.2671	0.409043	0.670275	-1.49193	0.0881997	2.43855	2.43855	0.427077	0.680987	-1.46846	2.52054	8.96169	3.16042	1
cg14466661	DIP2C	0.103769	0.0695972	0.390934	-2.55798	0.393088	1.49912	1.49912	0.675116	0.822765	-1.21541	0.634912	1.24778	1.24778	0.00732493	0.201893	-4.95313	0.102013	0.436799	-2.28938	0.383698	0.661412	-1.51192	0.566224	0.764644	-1.3078	0.140807	0.480401	-2.08159	2.52053	8.54978	3.01516	1
cg08066673	GNG2	0.103772	0.390241	0.624969	-1.60008	0.531518	1.40268	1.40268	0.339287	1.69191	1.69191	0.872998	1.08917	1.08917	0.0182371	0.216521	-4.61848	0.784224	1.15783	1.15783	0.0145626	0.200565	-4.98592	0.93063	1.04758	1.04758	0.232311	0.512336	-1.95184	2.5205	11.3794	4.01309	1
cg03435448	WDR82	0.103774	0.0290155	0.468948	-2.13243	0.124577	0.613078	-1.63111	0.904016	1.03613	1.03613	0.941507	0.978639	-1.02183	0.0710799	0.552512	-1.80992	0.835509	0.940655	-1.06309	0.0104367	0.38724	-2.58238	0.13143	0.619298	-1.61473	0.711466	0.896445	-1.11552	2.52047	3.45602	1.21883	1
cg02951206	MED12L	0.103776	0.841438	1.03905	1.03905	0.0170865	1.74376	1.74376	0.364812	1.19495	1.19495	0.784162	0.948841	-1.05392	0.782252	0.948387	-1.05442	0.683545	1.08154	1.08154	0.00591303	1.99116	1.99116	0.495512	1.14153	1.14153	0.651533	1.09085	1.09085	2.52045	1.46035	0.515023	1
cg01158469	WWP2;WWP2	0.103782	0.123283	0.361001	-2.77008	0.0201774	0.180882	-5.52846	0.3038	0.52205	-1.91552	0.801894	0.857763	-1.16582	0.0899447	0.319602	-3.12889	0.0518832	0.25923	-3.85757	0.0158048	0.16455	-6.07716	0.153796	0.393795	-2.53939	0.411512	0.599008	-1.66943	2.52039	14.8676	5.2435	1
cg06866686	GSC	0.103783	0.0167068	0.478321	-2.09065	0.753627	0.923596	-1.08272	0.795248	0.936461	-1.06785	0.0356399	1.85393	1.85393	0.478993	0.833871	-1.19923	0.375473	0.794843	-1.25811	0.404309	0.806212	-1.24037	0.194333	1.41426	1.41426	0.432845	1.22391	1.22391	2.52039	2.54364	0.89709	1
cg01258653	BAIAP3	0.103783	0.583819	0.769462	-1.29961	0.242785	1.79783	1.79783	0.697714	1.2027	1.2027	0.0809703	0.387161	-2.58291	0.0137349	0.21025	-4.75625	0.303648	0.6009	-1.66417	0.920712	1.04812	1.04812	?	?	?	0.218761	1.86239	1.86239	2.92752	8.74562	2.24054	1
cg25976772	CD320;CD320	0.103783	0.818945	0.979269	-1.02117	0.235812	0.892694	-1.1202	0.970323	0.996607	-1.0034	0.0160625	1.30893	1.30893	0.390794	1.08366	1.08366	0.0441107	1.23531	1.23531	0.100988	0.848651	-1.17834	0.71314	1.03431	1.03431	0.746709	1.03005	1.03005	2.52038	0.333225	0.117522	1
cg12989020	ARID1B;ARID1B;ARID1B	0.103784	0.349993	0.898397	-1.11309	0.203521	0.861156	-1.16123	0.00576829	1.49615	1.49615	0.760817	0.966568	-1.03459	0.45645	0.919	-1.08814	0.294354	1.12877	1.12877	0.779532	0.969229	-1.03175	0.217203	1.15557	1.15557	0.675566	1.04799	1.04799	2.52037	0.495127	0.174623	1
ch.7.2371643F	DOCK4	0.103786	0.084517	0.731761	-1.36657	0.0168282	0.620392	-1.61188	0.0201732	0.632174	-1.58184	0.22217	0.810593	-1.23367	0.459255	0.883968	-1.13126	0.50534	1.11698	1.11698	0.46468	1.12952	1.12952	0.538757	0.903153	-1.10723	0.942105	0.988183	-1.01196	2.52035	1.0693	0.377124	1
cg19410738	CAPN12	0.103786	0.316429	1.19884	1.19884	0.0476552	0.672621	-1.48672	0.375181	1.17277	1.17277	0.146973	0.761451	-1.31328	0.276425	0.820185	-1.21924	0.773331	1.05187	1.05187	0.0170671	0.601001	-1.66389	0.448797	1.14471	1.14471	0.272129	0.818606	-1.22159	2.52035	1.22379	0.431613	1
cg04509825	HIF1A;HIF1A;HIF1A;HIF1A	0.103788	0.519878	0.807866	-1.23783	0.485534	1.26085	1.26085	0.189041	1.57631	1.57631	0.698729	0.880556	-1.13565	0.0205909	0.401653	-2.48971	0.440521	1.29339	1.29339	0.321821	0.715519	-1.39759	0.677598	1.14653	1.14653	0.0218502	0.406601	-2.45941	2.52033	4.26987	1.50593	1
cg18276235	OPN5	0.103789	0.915993	1.03615	1.03615	0.0134392	0.356945	-2.80155	0.0462791	0.463732	-2.15642	0.556397	0.818536	-1.22169	0.272021	1.46938	1.46938	0.625952	1.17979	1.17979	0.202127	1.57349	1.57349	0.502374	0.795224	-1.25751	0.214462	0.644111	-1.55253	2.52032	4.52207	1.59488	1
cg20856497	CSNK1D;CSNK1D	0.103789	0.846247	1.06866	1.06866	0.00428528	3.69458	3.69458	0.0634404	2.04202	2.04202	0.919874	1.03502	1.03502	0.620386	0.842999	-1.18624	0.205504	1.57914	1.57914	0.184737	1.618	1.618	0.204877	1.58025	1.58025	0.623511	1.1844	1.1844	2.52031	4.67057	1.64726	1
cg18101783	BST1	0.10379	0.431457	0.824695	-1.21257	0.421786	0.8212	-1.21773	0.529175	0.858103	-1.16536	0.265149	0.756717	-1.3215	0.668929	0.901891	-1.10878	0.727396	0.919424	-1.08764	0.00350631	2.58726	2.58726	0.915395	0.974813	-1.02584	0.717301	0.916417	-1.09121	2.5203	2.30009	0.811223	1
cg17653824	KCNA5	0.103792	0.986526	0.998207	-1.0018	0.0598551	1.25314	1.25314	0.878133	0.983825	-1.01644	0.690619	0.958375	-1.04343	0.549595	1.06646	1.06646	0.828193	0.977167	-1.02337	0.0428329	0.780565	-1.28112	0.0453788	1.27625	1.27625	0.0662994	1.2447	1.2447	2.52029	0.450811	0.158998	1
cg19736040	SHC2	0.103792	0.709364	0.935996	-1.06838	0.458603	1.14263	1.14263	0.848691	1.03432	1.03432	0.72723	0.940007	-1.06382	0.85118	1.03374	1.03374	0.0638382	1.44491	1.44491	0.0196929	1.64495	1.64495	0.122016	0.743702	-1.34463	0.094932	0.723095	-1.38294	2.52028	1.24588	0.439415	1
cg19734301	C1orf159	0.103793	0.0340969	0.58142	-1.71993	0.368059	0.816489	-1.22476	0.0182333	0.53342	-1.87469	0.259664	0.772714	-1.29414	0.305619	0.792464	-1.26189	0.80086	1.05699	1.05699	0.095268	1.4947	1.4947	0.506369	0.862565	-1.15933	0.723226	1.0811	1.0811	2.52028	1.91935	0.676946	1
cg03770248	ARNT2	0.103793	0.147639	0.786362	-1.27168	0.122669	1.29534	1.29534	0.787571	1.04267	1.04267	0.224546	0.820889	-1.21819	0.725907	0.947004	-1.05596	0.85812	0.972696	-1.02807	0.0073597	1.70639	1.70639	0.666246	0.935073	-1.06943	0.770537	0.955762	-1.04629	2.52027	0.955317	0.336936	1
cg17095179	CTNNBIP1;CTNNBIP1	0.103801	0.147635	0.469927	-2.12799	0.132057	2.20369	2.20369	0.702264	0.829691	-1.20527	0.197616	0.515818	-1.93867	0.181947	0.502228	-1.99113	0.643106	0.797062	-1.25461	0.0176284	0.245729	-4.06952	0.0337976	0.299757	-3.33604	0.407213	0.662241	-1.51003	2.52019	9.43149	3.32655	1
cg03429582	RBM4	0.103801	0.803867	1.03095	1.03095	0.909066	1.01409	1.01409	0.782311	1.03451	1.03451	0.675063	0.949667	-1.053	0.761727	0.963435	-1.03795	0.0280082	0.727637	-1.37431	0.491147	1.08943	1.08943	0.326972	0.883419	-1.13197	0.0101642	1.48744	1.48744	2.52019	0.598877	0.211228	1
cg09115705	GPA33	0.103804	0.687024	0.875341	-1.14241	0.25085	1.4835	1.4835	0.131691	1.70729	1.70729	0.0606031	0.498854	-2.0046	0.0198441	0.396743	-2.52052	0.102711	0.556039	-1.79843	0.580423	0.832323	-1.20146	0.847633	1.06527	1.06527	0.787439	1.09291	1.09291	2.52016	4.31301	1.52125	1
cg16323609	PRKAR2A	0.103805	0.402574	0.680139	-1.47029	0.00895788	4.46303	4.46303	0.300878	1.61989	1.61989	0.0739752	2.44999	2.44999	0.430988	0.696507	-1.43574	0.807992	1.11578	1.11578	0.164458	0.513022	-1.94923	0.819783	1.10814	1.10814	0.55819	1.30533	1.30533	2.52015	8.08153	2.85046	1
cg09909351	ADCK2	0.103806	0.0680962	0.873644	-1.14463	0.276179	0.927843	-1.07777	0.346266	0.937883	-1.06623	0.543988	1.04144	1.04144	0.330963	0.935828	-1.06857	0.556335	1.04012	1.04012	0.350457	0.938434	-1.0656	0.0339786	0.849038	-1.1778	0.0432199	1.16621	1.16621	2.52013	0.174484	0.0615432	1
cg00871133	STARD3;STARD3;STARD3	0.103808	0.0138957	0.472293	-2.11733	0.713354	0.912954	-1.09535	0.217463	0.725961	-1.37748	0.0229719	0.511008	-1.95692	0.652855	0.894262	-1.11824	0.830323	1.0544	1.0544	0.0268211	0.523417	-1.91052	0.659153	0.896226	-1.11579	0.833715	0.949434	-1.05326	2.52012	2.43161	0.857672	1
cg15999098	PLA2G4A	0.103808	0.0281079	0.65903	-1.51738	0.69433	0.938472	-1.06556	0.478265	0.890554	-1.1229	0.351176	0.857037	-1.16681	0.214393	0.810453	-1.23388	0.739149	0.947689	-1.0552	0.00402792	0.537323	-1.86108	0.926493	1.01495	1.01495	0.390434	0.868063	-1.15199	2.52011	1.03178	0.363926	1
cg10397527	HLA-DOA	0.103808	0.72804	0.791864	-1.26284	0.051647	4.39584	4.39584	0.717034	1.27546	1.27546	0.16225	0.368813	-2.7114	0.156516	0.363071	-2.75428	0.764412	0.817979	-1.22252	0.0392895	4.92438	4.92438	0.193613	2.50808	2.50808	0.19106	0.396362	-2.52295	2.52011	17.8361	6.29112	1
cg00091063	ACAA1;ACAA1;ACAA1	0.10381	0.0266758	0.583346	-1.71425	0.696798	0.922783	-1.08368	0.764052	0.940089	-1.06373	0.50932	1.14727	1.14727	0.00906403	0.506291	-1.97515	0.0579828	0.644154	-1.55242	0.666646	0.914901	-1.09301	0.281333	0.794699	-1.25834	0.440497	0.850917	-1.1752	2.52009	1.68107	0.592948	1
cg05228964	DLL1	0.103814	0.0140524	0.489836	-2.0415	0.0213676	0.521536	-1.91741	0.0396951	0.571303	-1.75039	0.241245	0.749197	-1.33476	0.384863	0.810819	-1.23332	0.32635	0.787791	-1.26937	0.520808	1.16556	1.16556	0.41954	0.823546	-1.21426	0.532142	0.861612	-1.16061	2.52006	2.21134	0.779996	1
cg22912610	GRIP1	0.103816	0.100198	0.362269	-2.76038	0.249485	0.507366	-1.97096	0.676271	1.26711	1.26711	0.778384	0.852949	-1.1724	0.0614066	0.304816	-3.28067	0.0669342	0.314173	-3.18296	0.0309977	0.239878	-4.16878	0.0191306	0.202201	-4.94558	0.276051	0.52795	-1.89412	2.52004	12.6845	4.47419	1
cg16007711	RHOBTB2;RHOBTB2;RHOBTB2	0.103816	0.606245	0.934589	-1.06999	0.0988748	1.26545	1.26545	0.610411	1.06914	1.06914	0.906085	0.984762	-1.01547	0.139044	0.812883	-1.23019	0.627431	1.0657	1.0657	0.011947	0.664919	-1.50394	0.160405	1.21544	1.21544	0.487079	1.09622	1.09622	2.52003	0.675625	0.238312	1
cg06816875	CAMTA1;CAMTA1	0.103818	0.0629455	3.36987	3.36987	0.145282	2.4799	2.4799	0.0265956	4.60064	4.60064	0.350963	0.57265	-1.74627	0.197558	0.453401	-2.20555	0.994177	1.00425	1.00425	0.129309	0.386058	-2.59028	0.648598	1.30531	1.30531	0.742403	0.825692	-1.2111	2.52001	13.4596	4.74763	1
cg10012448	FARS2	0.103818	0.184334	0.569073	-1.75724	0.213542	0.591926	-1.6894	0.0825761	0.46314	-2.15917	0.854592	1.07621	1.07621	0.00681273	0.245742	-4.06931	0.0608395	0.429131	-2.33029	0.534722	1.28621	1.28621	0.47736	0.748838	-1.3354	0.329102	0.668155	-1.49666	2.52001	6.39677	2.25635	1
cg20969846	DIDO1;DIDO1;C20orf11;DIDO1	0.103821	0.279238	0.600137	-1.66629	0.638787	1.23935	1.23935	0.800744	0.891559	-1.12163	0.00383539	0.170514	-5.86461	0.772496	1.14062	1.14062	0.52792	0.748074	-1.33677	0.545166	1.32039	1.32039	0.302388	1.62404	1.62404	0.384982	1.49821	1.49821	2.51998	8.22188	2.90015	1
cg14931683	DUSP14	0.103824	0.649648	1.35569	1.35569	0.0147052	7.37608	7.37608	0.0217042	6.25745	6.25745	0.463619	1.6428	1.6428	0.157305	0.36555	-2.7356	0.498557	0.633069	-1.57961	0.994405	1.00468	1.00468	0.404039	1.76504	1.76504	0.925802	0.939898	-1.06395	2.51995	17.6724	6.23379	1
cg04423166	GMPR2;GMPR2;GMPR2;NEDD8;GMPR2	0.103824	0.59226	1.04833	1.04833	0.765413	1.02647	1.02647	0.0120316	1.31445	1.31445	0.0791142	1.18552	1.18552	0.856034	1.01598	1.01598	0.132558	0.867893	-1.15222	0.1487	0.873528	-1.14478	0.528488	0.945777	-1.05733	0.995777	0.999538	-1.00046	2.51995	0.304157	0.107288	1
cg20655548	TRIM29	0.103824	0.617902	1.21712	1.21712	0.045304	2.4527	2.4527	0.428012	0.728942	-1.37185	0.627324	0.826005	-1.21065	0.381439	1.42012	1.42012	0.128676	1.89948	1.89948	0.0193206	0.331077	-3.02044	0.823461	1.09123	1.09123	0.290273	0.651276	-1.53545	2.51995	6.09251	2.14908	1
cg06998507	KCNG4	0.103826	0.0571138	0.483254	-2.06931	0.0266392	0.411656	-2.42921	0.0289817	0.419053	-2.38633	0.132671	0.578013	-1.73006	0.0726067	0.508269	-1.96746	0.659282	0.860788	-1.16173	0.109251	0.554317	-1.80402	0.051554	0.472979	-2.11426	0.222078	0.648197	-1.54274	2.51993	4.55554	1.60694	1
cg16174609	R3HDML	0.103827	0.322667	0.748034	-1.33684	0.396968	1.27952	1.27952	0.013425	0.418972	-2.38679	0.723384	0.903944	-1.10626	0.0600313	0.54724	-1.82735	0.603883	0.861794	-1.16037	0.0230308	0.461859	-2.16516	0.270758	0.721918	-1.3852	0.241218	0.705657	-1.41712	2.51992	3.22287	1.13685	1
cg13634966	ESCO2	0.103828	0.719372	1.13059	1.13059	0.00554113	0.289418	-3.45521	0.613819	0.841051	-1.18899	0.33451	0.712773	-1.40297	0.0459099	0.459157	-2.1779	0.342955	0.717224	-1.39426	0.871221	1.05674	1.05674	0.387589	0.739884	-1.35156	0.353796	1.3834	1.3834	2.5199	4.6186	1.6292	1
cg19244562	SSPO	0.10383	0.0586031	0.223634	-4.4716	0.163547	0.35261	-2.83599	0.134359	0.322475	-3.10101	0.294734	0.466817	-2.14217	0.0360192	0.180915	-5.52745	0.113688	0.299222	-3.342	0.0111751	0.107614	-9.29247	0.0725872	0.245525	-4.0729	0.440158	0.57586	-1.73653	2.51988	19.6139	6.91881	1
cg20864326	XRCC2	0.103832	0.0487613	0.479728	-2.08452	0.605857	0.843769	-1.18516	0.298614	0.70355	-1.42136	0.402684	0.756156	-1.32248	0.381496	0.746065	-1.34037	0.381456	0.746046	-1.3404	0.0129084	2.73838	2.73838	0.919217	1.03366	1.03366	0.178406	0.62711	-1.59462	2.51986	4.25094	1.49953	1
cg10279487	SOCS3	0.103832	0.828133	0.799677	-1.25051	0.101375	0.158136	-6.32368	0.235894	3.58641	3.58641	0.88627	1.15852	1.15852	0.690152	0.662317	-1.50985	0.326806	2.83167	2.83167	0.0267525	0.0673118	-14.8562	0.0355961	12.3686	12.3686	0.574612	0.558174	-1.79156	2.51986	42.1913	14.8831	1
cg25472882	C7orf50;C7orf50;C7orf50	0.103833	0.162982	0.69379	-1.44136	0.0144311	0.477039	-2.09627	0.42919	0.820267	-1.21912	0.542336	0.859496	-1.16347	0.0123231	0.465291	-2.14919	0.0391755	0.556607	-1.7966	0.598502	0.877705	-1.13933	0.327927	0.780432	-1.28134	0.548725	0.861601	-1.16063	2.51985	2.40521	0.848448	1
cg25110782	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.103833	0.075986	0.419906	-2.38149	0.261251	0.597596	-1.67337	0.946836	0.971122	-1.02974	0.174725	0.530294	-1.88575	0.0866568	0.435357	-2.29696	0.136362	0.494006	-2.02427	0.0143458	0.265397	-3.76794	0.0201415	0.291804	-3.42695	0.231475	0.57608	-1.73587	2.51985	7.70624	2.71842	1
cg00358278	ZFPM1	0.103836	0.0295171	0.495149	-2.01959	0.491662	0.825675	-1.21113	0.545686	1.1826	1.1826	0.524663	1.1934	1.1934	0.0113992	0.419557	-2.38347	0.0827658	0.590428	-1.69369	0.778431	0.925556	-1.08043	0.180966	0.677366	-1.47631	0.448616	0.809143	-1.23588	2.51982	3.00176	1.0589	1
cg14006181	C14orf23	0.103836	0.721862	1.41769	1.41769	0.16551	4.23899	4.23899	0.975715	0.970713	-1.03017	0.884831	0.86803	-1.15203	0.428052	2.20361	2.20361	0.360077	2.50632	2.50632	0.549144	1.80739	1.80739	0.00204619	69.6452	69.6452	0.379214	2.41307	2.41307	2.51982	38.0533	13.4237	1
cg14014936	C9orf69	0.103837	0.900338	1.04988	1.04988	0.358196	1.44349	1.44349	0.484853	1.31753	1.31753	0.145028	0.544426	-1.8368	0.0872678	0.480232	-2.08233	0.0120058	0.296029	-3.37805	0.931224	1.0341	1.0341	0.287087	1.53638	1.53638	0.170472	0.567169	-1.76314	2.51981	6.02322	2.12475	1
cg06408025	CXorf41;NUP62CL;CXorf41;CXorf41;CXorf41	0.10384	0.159141	0.180613	-5.53669	0.498151	0.457426	-2.18615	0.388926	0.366332	-2.72977	0.843869	0.799106	-1.2514	0.195917	0.211096	-4.73717	0.170189	0.189867	-5.26684	0.351716	0.336216	-2.97428	0.00811877	47.2049	47.2049	0.79705	0.745949	-1.34057	2.51978	51.621	18.21	1
cg25138715	VEPH1;VEPH1;VEPH1;VEPH1;VEPH1;VEPH1	0.103845	0.108964	3.94357	3.94357	0.00643874	16.1412	16.1412	0.372412	2.05195	2.05195	0.315928	2.25663	2.25663	0.313565	2.26625	2.26625	0.656197	1.42147	1.42147	0.221375	2.74277	2.74277	0.0953533	4.21332	4.21332	0.025544	8.02617	8.02617	2.51972	24.587	8.6736	1
cg21108220	LOC285830;LOC285830	0.103845	0.657826	0.936797	-1.06747	0.572929	0.919952	-1.08701	0.424115	0.887306	-1.12701	0.315696	0.859034	-1.1641	0.450484	0.893491	-1.11921	0.113225	0.776883	-1.2872	0.0294129	0.686803	-1.45602	0.0714097	1.343	1.343	0.0857397	1.32069	1.32069	2.51972	0.856108	0.302012	1
cg04793813	MT1E	0.103847	0.0440806	2.51351	2.51351	0.0786145	2.17775	2.17775	0.18312	0.569618	-1.75556	0.415343	1.39335	1.39335	0.93806	0.96951	-1.03145	0.0379152	2.60903	2.60903	0.257631	1.60107	1.60107	0.227336	0.603535	-1.65691	0.274963	1.5723	1.5723	2.5197	6.33489	2.23479	1
cg24073074	WIPI1	0.103848	0.04409	0.470958	-2.12333	0.0640383	0.507881	-1.96896	0.0913892	0.545987	-1.83155	0.766558	0.907634	-1.10177	0.0395979	0.460834	-2.16998	0.70689	1.13085	1.13085	0.805178	1.08377	1.08377	0.0263986	0.424425	-2.35613	0.294708	0.702042	-1.42442	2.51969	4.22864	1.49177	1
cg27309229	FAM19A5;FAM19A5	0.103848	0.415991	0.793096	-1.26088	0.0789882	1.72264	1.72264	0.0178095	2.23285	2.23285	0.632636	1.14372	1.14372	0.375724	0.776091	-1.28851	0.0559972	0.546839	-1.82869	0.712045	1.10891	1.10891	0.770426	0.921649	-1.08501	0.409131	1.26541	1.26541	2.51969	3.10269	1.09456	1
cg04848235	PIP4K2B	0.10385	0.566935	1.18697	1.18697	0.0645399	1.84955	1.84955	0.507812	1.22015	1.22015	0.160512	1.5589	1.5589	0.338542	1.33932	1.33932	0.0301891	0.470079	-2.1273	0.585792	0.849622	-1.17699	0.580848	1.17958	1.17958	0.0778636	0.559737	-1.78655	2.51967	3.50002	1.23473	1
cg08802511	ODZ3	0.103855	0.539793	1.15718	1.15718	0.0944419	0.648975	-1.54089	0.0292022	0.546436	-1.83004	0.837731	0.952916	-1.04941	0.790478	0.939294	-1.06463	0.209296	1.36511	1.36511	0.690396	1.09874	1.09874	0.0491876	1.69562	1.69562	0.20362	1.37105	1.37105	2.51962	2.20724	0.778686	1
cg14964934	DPP9	0.103856	0.00611643	0.366986	-2.7249	0.466454	0.812509	-1.23076	0.029623	0.488012	-2.04913	0.0530878	0.540228	-1.85107	0.723363	0.905225	-1.1047	0.922369	0.973061	-1.02768	0.376476	0.77548	-1.28952	0.917012	0.971221	-1.02963	0.522097	0.833794	-1.19934	2.51961	3.13225	1.10502	1
cg19934381	B3GNTL1	0.10386	0.0340123	0.238351	-4.1955	0.0180856	0.189415	-5.27941	0.0216052	0.202167	-4.9464	0.171166	0.429822	-2.32655	0.191175	0.448421	-2.23004	0.402142	0.608412	-1.64362	0.14681	0.405595	-2.46551	0.0815004	0.326619	-3.06168	0.464147	0.649354	-1.53999	2.51957	13.4012	4.72787	1
cg22915732	CLVS1	0.103862	0.575517	1.13893	1.13893	0.831277	0.952119	-1.05029	0.822833	0.949738	-1.05292	0.0824907	0.64257	-1.55625	0.365571	0.807528	-1.23835	0.082274	1.55684	1.55684	0.598277	1.13005	1.13005	0.0405634	0.580515	-1.72261	0.0348006	0.567932	-1.76077	2.51954	2.11014	0.744452	1
cg24163987	C18orf62;C18orf62	0.103864	0.734365	0.959074	-1.04267	0.255095	0.864348	-1.15694	0.43602	0.907103	-1.10241	0.212665	1.17474	1.17474	0.908004	1.01428	1.01428	0.149908	1.20851	1.20851	0.00560684	1.56236	1.56236	0.640375	1.05943	1.05943	0.255702	1.15671	1.15671	2.51953	0.600674	0.211917	1
cg03509565	SRPX;SRPX;SRPX;SRPX	0.103865	0.143836	0.296089	-3.37737	0.0906909	0.235856	-4.23987	0.918098	0.923378	-1.08298	0.0461464	5.87559	5.87559	0.930007	0.934179	-1.07046	0.0561209	0.187003	-5.3475	0.0681352	0.205333	-4.87013	0.207899	0.357324	-2.79858	0.997958	1.00198	1.00198	2.51952	23.9681	8.45598	1
cg25846285	C18orf1;C18orf1	0.103866	0.386297	1.15311	1.15311	0.0902115	0.741177	-1.34921	0.895144	1.02138	1.02138	0.54095	1.10438	1.10438	0.207258	1.2378	1.2378	0.315872	1.18098	1.18098	0.0402666	0.683798	-1.46242	0.0366921	0.677488	-1.47604	0.366801	0.86181	-1.16035	2.5195	1.02676	0.362243	1
cg15344410	WFDC3;DNTTIP1	0.103871	0.436783	1.22574	1.22574	0.00520552	2.57548	2.57548	0.302601	1.3152	1.3152	0.12159	1.5382	1.5382	0.204962	1.40938	1.40938	0.219352	0.717913	-1.39293	0.612653	0.877222	-1.13996	0.564182	1.16134	1.16134	0.452012	1.21725	1.21725	2.51945	2.62682	0.92677	1
cg22923268	SAP130;SAP130	0.103872	0.0862107	1.23569	1.23569	0.490866	0.924852	-1.08125	0.9104	1.01265	1.01265	0.0224937	1.35681	1.35681	0.0701862	1.25355	1.25355	0.608499	1.05937	1.05937	0.0883237	0.810639	-1.2336	0.454701	0.918501	-1.08873	0.97433	1.0036	1.0036	2.51945	0.497305	0.175455	1
cg03323292	GLB1L3	0.103874	?	?	?	0.948856	1.02257	1.02257	0.626724	0.843207	-1.18595	0.422593	0.751993	-1.3298	0.851088	1.06758	1.06758	0.635671	1.18065	1.18065	0.00254637	0.232949	-4.29278	0.677047	0.864377	-1.1569	0.642037	0.849679	-1.17691	2.54644	4.34056	1.70456	1
cg21542308	IDO2	0.103875	0.548191	0.840043	-1.19041	0.02665	0.470702	-2.12449	0.029063	0.478079	-2.0917	0.485736	0.816119	-1.22531	0.622376	0.867276	-1.15304	0.204713	1.46798	1.46798	0.740895	0.9092	-1.09987	0.545463	0.83902	-1.19187	0.0256011	0.467317	-2.13987	2.51941	3.28348	1.15846	1
cg13643796	ADAMTS3	0.103877	0.0695442	0.627759	-1.59297	0.0760355	0.635826	-1.57276	0.762523	0.93285	-1.07198	0.561496	0.874017	-1.14414	0.262935	0.765136	-1.30696	0.665829	0.905143	-1.1048	0.230518	1.33445	1.33445	0.0878565	1.54046	1.54046	0.0692628	1.59389	1.59389	2.51938	2.09917	0.740629	1
cg22807402	SLC25A19;SLC25A19;SLC25A19	0.103881	0.0176627	0.167126	-5.9835	0.778491	1.19101	1.19101	0.102493	3.02704	3.02704	0.418862	1.66867	1.66867	0.0408004	0.231372	-4.32204	0.491182	1.54256	1.54256	0.452138	1.60772	1.60772	0.769494	1.19979	1.19979	0.64897	0.752711	-1.32853	2.51934	15.3316	5.40937	1
cg07093046	MTR;MTR	0.103882	0.103316	1.29547	1.29547	0.0201216	1.50281	1.50281	0.389158	0.879657	-1.13681	0.260639	1.18586	1.18586	0.393282	1.13548	1.13548	0.76521	0.957417	-1.04448	0.140917	0.794457	-1.25872	0.245375	0.838165	-1.19308	0.27825	0.8489	-1.17799	2.51934	0.84232	0.297193	1
cg27262398	SLN	0.103883	0.12771	1.81773	1.81773	0.294575	1.48357	1.48357	0.175571	0.592957	-1.68646	0.795543	0.910079	-1.09881	0.176484	1.68437	1.68437	0.0877078	1.98166	1.98166	0.0126161	3.08128	3.08128	0.133269	1.79979	1.79979	0.384032	1.38247	1.38247	2.51932	5.25343	1.85356	1
cg19591588	SACM1L;SACM1L	0.103883	0.305436	1.35384	1.35384	0.0250048	0.46706	-2.14105	0.0426895	0.513719	-1.94659	0.994359	0.997984	-1.00202	0.792139	0.927373	-1.07831	0.54742	1.18982	1.18982	0.0357621	0.497827	-2.00873	0.704904	1.11473	1.11473	0.55369	1.18652	1.18652	2.51932	3.25176	1.14731	1
cg20607816	RIMS2;RIMS2	0.103884	0.741144	1.14177	1.14177	0.303259	0.652822	-1.53181	0.207397	0.587608	-1.70182	0.746376	1.13858	1.13858	0.0024382	0.185074	-5.40325	0.540895	0.780704	-1.28089	0.924039	0.962578	-1.03888	0.932651	0.966762	-1.03438	0.267298	0.629912	-1.58752	2.51931	6.38172	2.25166	1
cg20848921	TMEM212	0.103886	0.198602	0.415261	-2.40812	0.319032	1.9468	1.9468	0.183824	2.48964	2.48964	0.809492	0.85535	-1.16911	0.0177893	0.155036	-6.4501	0.508229	0.647785	-1.54372	0.952171	0.96194	-1.03957	0.0549633	0.244666	-4.0872	0.0995646	0.311072	-3.21469	2.51929	16.6977	5.89151	1
cg15545871	USPL1	0.103887	0.634373	0.745518	-1.34135	0.441562	1.62113	1.62113	0.420075	1.66116	1.66116	0.995738	0.99674	-1.00327	0.00371118	0.0675549	-14.8028	0.950458	0.962725	-1.03872	0.871159	0.905507	-1.10435	0.776251	1.19049	1.19049	0.322356	0.531347	-1.88201	2.90183	16.3585	3.75821	1
cg17880593	C15orf52	0.103888	0.0164851	0.402787	-2.4827	0.220989	0.670779	-1.4908	0.421996	1.2899	1.2899	0.0664443	0.52791	-1.89426	0.0446875	0.489033	-2.04485	0.680362	1.1372	1.1372	0.165814	0.632114	-1.58199	0.148731	0.618368	-1.61716	0.267047	0.698464	-1.43171	2.51927	3.8433	1.35605	1
cg15424477	ATP11A;ATP11A	0.103888	0.305975	0.811238	-1.23268	0.248677	1.2687	1.2687	0.0271252	1.67575	1.67575	0.567995	0.89234	-1.12065	0.431156	0.853356	-1.17184	0.745862	0.937833	-1.06629	0.0702967	1.49081	1.49081	0.837843	1.04127	1.04127	0.0577725	0.654807	-1.52717	2.51927	1.55423	0.548387	1
cg03849161	OTOP1	0.103888	0.169438	0.860292	-1.1624	0.897613	0.986852	-1.01332	0.00438389	0.676267	-1.47871	0.89467	1.01371	1.01371	0.092773	0.826831	-1.20944	0.312952	0.898254	-1.11327	0.859907	1.01833	1.01833	0.0922523	0.82653	-1.20988	0.932585	0.991339	-1.00874	2.51927	0.421724	0.148799	1
cg12258847	ERN1	0.103888	0.0885775	0.54197	-1.84512	0.189808	0.635847	-1.57271	0.03895	0.458718	-2.17999	0.0773688	0.527203	-1.8968	0.0113806	0.355961	-2.8093	0.377499	0.744345	-1.34346	0.230642	0.663639	-1.50684	0.390885	0.750778	-1.33195	0.0425578	0.467024	-2.14122	2.51927	4.2417	1.49662	1
cg03493123	B4GALT7	0.103889	0.0224788	0.310255	-3.22316	0.0778957	0.43224	-2.31353	0.0834511	0.440291	-2.27123	0.256768	0.602447	-1.6599	0.0264503	0.324123	-3.08525	0.069638	0.419491	-2.38384	0.104323	0.46758	-2.13867	0.886657	1.06296	1.06296	0.205562	0.564538	-1.77136	2.51926	7.31331	2.58041	1
cg09519400	CD38	0.103894	0.050062	0.73259	-1.36502	0.0707109	1.3248	1.3248	0.0309693	1.42299	1.42299	0.200788	0.828463	-1.20705	0.880682	0.979298	-1.02114	0.363036	0.877925	-1.13905	0.690423	0.945771	-1.05734	0.385761	0.883527	-1.13183	0.655937	0.939459	-1.06444	2.5192	0.773871	0.273057	1
cg00427635	TBC1D21	0.103896	0.531518	0.650831	-1.5365	0.26892	0.458272	-2.18211	0.845285	0.875993	-1.14156	0.923853	1.06693	1.06693	0.0156503	0.134252	-7.44869	0.69199	1.30975	1.30975	0.24845	0.441491	-2.26505	0.00784864	0.0990726	-10.0936	0.335808	0.510387	-1.9593	2.51919	18.3234	6.46538	1
cg07093915	C1orf216;C1orf216	0.103896	0.29984	0.841455	-1.18842	0.0202412	1.56803	1.56803	0.0134106	1.63552	1.63552	0.718392	0.943479	-1.05991	0.212929	1.2346	1.2346	0.435733	1.13628	1.13628	0.628493	0.924656	-1.08148	0.810792	1.03929	1.03929	0.815569	0.963157	-1.03825	2.51918	1.02988	0.363393	1
cg05320842	OR10G3	0.103897	0.0422979	0.348508	-2.86938	0.105113	0.4502	-2.22124	0.105413	0.450566	-2.21943	0.554608	0.763872	-1.30912	0.0235952	0.295747	-3.38127	0.2397	0.574161	-1.74167	0.0498353	0.364874	-2.74067	0.0287664	0.312769	-3.19725	0.187903	0.533186	-1.87552	2.51918	8.10352	2.85932	1
cg26837962	C16orf45;C16orf45	0.103898	0.0432087	0.169582	-5.89687	0.0728217	0.217218	-4.60366	0.497456	0.591222	-1.69141	0.314155	0.451945	-2.21266	0.0266715	0.134825	-7.417	0.0829791	0.231173	-4.32576	0.0321459	0.147373	-6.78551	0.0522862	0.185615	-5.38751	0.18243	0.339727	-2.94354	2.51916	23.2249	8.19491	1
cg08988949	ATP6V0D1	0.103903	0.184776	1.49187	1.49187	0.0124314	2.42234	2.42234	0.0400852	1.96342	1.96342	0.157252	1.53751	1.53751	0.0873677	1.71044	1.71044	0.848029	1.05608	1.05608	0.0551695	1.85573	1.85573	0.386713	1.28704	1.28704	0.71664	0.901527	-1.10923	2.51911	3.227	1.13868	1
cg11674130	MLC1;MLC1;MLC1	0.103904	0.0623176	0.244449	-4.09083	0.00720903	0.0974556	-10.2611	0.0425128	0.208412	-4.79818	0.808496	1.17707	1.17707	0.144868	0.349496	-2.86126	0.679177	0.756368	-1.32211	0.231885	0.430922	-2.32061	0.320885	0.502286	-1.9909	0.915336	0.931092	-1.07401	2.5191	17.9843	6.34594	1
cg14049982	NUPL2	0.103907	0.707546	0.931318	-1.07375	0.807357	0.954923	-1.0472	0.00384173	2.08679	2.08679	0.924172	0.982186	-1.01814	0.407502	0.852169	-1.17348	0.664525	1.08587	1.08587	0.20217	1.28949	1.28949	0.162012	1.32565	1.32565	0.259528	1.24867	1.24867	2.51907	1.42221	0.501845	1
cg15558616	NLGN1	0.103907	0.0956151	0.441953	-2.26268	0.0125828	0.25054	-3.99138	0.0395532	0.345802	-2.89183	0.481988	1.37543	1.37543	0.209323	0.55419	-1.80443	0.724371	1.17108	1.17108	0.207542	0.552771	-1.80907	0.57709	1.28568	1.28568	0.39557	0.678348	-1.47417	2.51907	7.93796	2.80102	1
cg10544564	CADM3;CADM3	0.103908	0.00609177	0.426234	-2.34613	0.169404	0.705657	-1.41712	0.393483	1.23142	1.23142	0.333705	0.788629	-1.26802	0.839776	0.952932	-1.04939	0.722065	0.918458	-1.08878	0.957513	0.987392	-1.01277	0.621432	1.12586	1.12586	0.0463978	0.5808	-1.72176	2.51906	2.26283	0.798475	1
cg00185909	ZNF165	0.10391	0.1582	0.629726	-1.58799	0.0605242	0.522679	-1.91322	0.10694	0.583035	-1.71516	0.505032	0.812733	-1.23042	0.0189321	0.418432	-2.38988	0.0587079	0.519653	-1.92436	0.0259612	0.444731	-2.24855	0.666654	0.8756	-1.14207	0.111857	0.588152	-1.70024	2.51904	3.74919	1.32297	1
cg06698844	ACTR1B	0.103912	0.028844	0.193422	-5.17005	0.90283	1.08097	1.08097	0.89435	0.918792	-1.08839	0.764366	1.21122	1.21122	0.0378777	0.215532	-4.63969	0.520386	0.660136	-1.51484	0.0123273	0.137182	-7.28957	0.887705	0.913873	-1.09424	0.178517	0.402071	-2.48713	2.51901	16.2105	5.72022	1
cg09412584	AP2A2	0.103913	0.462128	0.747096	-1.33852	0.281908	0.646907	-1.54582	0.781594	0.897403	-1.11433	0.689245	1.16948	1.16948	0.94128	0.971714	-1.02911	0.0112302	0.29017	-3.44626	0.00954826	0.278461	-3.59117	0.83331	1.08555	1.08555	0.521302	0.776315	-1.28814	2.51901	6.05242	2.13573	1
cg21646186	AMIGO1	0.103918	0.798666	1.05763	1.05763	0.0223765	0.539465	-1.85369	0.698532	1.08909	1.08909	0.849534	1.0425	1.0425	0.164056	0.719892	-1.3891	0.167184	0.721902	-1.38523	0.00925745	0.471378	-2.12144	0.317085	0.796299	-1.25581	0.54195	0.873253	-1.14514	2.67674	1.99269	0.579016	1
cg04948483	DISP2	0.103918	0.00593548	0.438378	-2.28114	0.0650887	0.622078	-1.60751	0.69256	0.912946	-1.09535	0.811553	0.946729	-1.05627	0.924757	1.02189	1.02189	0.362561	1.23922	1.23922	0.20985	0.738681	-1.35376	0.680427	1.09957	1.09957	0.167165	0.713552	-1.40144	2.51895	2.09556	0.73948	1
cg24310904	COL6A1	0.103918	0.755457	0.943408	-1.05999	0.263995	1.24248	1.24248	0.78931	1.05121	1.05121	0.0863947	0.702417	-1.42366	0.625321	0.912317	-1.09611	0.355612	0.837626	-1.19385	0.007125	1.91192	1.91192	0.776643	1.05447	1.05447	0.391266	0.848919	-1.17797	2.51895	1.38711	0.489485	1
cg14759078	METAP2	0.10392	0.386994	1.35518	1.35518	0.00377363	0.261924	-3.81791	0.872342	1.05666	1.05666	0.473932	0.779096	-1.28354	0.419201	1.32698	1.32698	0.418484	0.753249	-1.32758	0.672503	1.15688	1.15688	0.562563	1.22221	1.22221	0.378878	1.36265	1.36265	2.51894	4.6867	1.65385	1
cg17415576	C17orf49;C17orf49;C17orf49	0.10392	0.0694903	0.513647	-1.94686	0.287433	1.43679	1.43679	0.185287	1.58553	1.58553	0.0858624	1.86421	1.86421	0.0231608	0.410327	-2.43708	0.820445	0.928119	-1.07745	0.675286	1.14825	1.14825	0.432622	1.30052	1.30052	0.822556	1.07648	1.07648	2.51893	4.2951	1.51567	1
cg12825070	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.10392	0.0333466	0.654518	-1.52784	0.771475	0.951574	-1.05089	0.487421	1.12778	1.12778	0.268802	0.821767	-1.21689	0.0130984	0.591865	-1.68957	0.323692	1.18973	1.18973	0.339811	0.845627	-1.18255	0.300502	1.20064	1.20064	0.906482	0.980169	-1.02023	2.51893	1.15892	0.408962	1
cg10233454	LRP1	0.103923	0.0494264	0.249796	-4.00327	0.238206	0.465668	-2.14745	0.553662	0.69029	-1.44867	0.27327	0.49394	-2.02454	0.962281	1.02969	1.02969	0.0610836	0.270974	-3.6904	0.00908083	0.128613	-7.77529	0.190414	0.424093	-2.35797	0.0554834	0.261139	-3.82938	2.5189	15.2675	5.38772	1
cg23529513	CRYBB1	0.103924	0.286676	0.717019	-1.39466	0.141464	1.60866	1.60866	0.039325	2.04798	2.04798	0.170535	1.55087	1.55087	0.341348	1.34285	1.34285	0.829141	1.06714	1.06714	0.014007	2.48991	2.48991	0.331178	1.35183	1.35183	0.0811936	1.78829	1.78829	2.5189	3.6064	1.27266	1
cg02195676	C22orf40	0.103924	0.575368	1.09	1.09	0.702345	1.06021	1.06021	0.577338	1.08951	1.08951	0.458816	0.891488	-1.12172	0.842032	1.03085	1.03085	0.852889	0.972129	-1.02867	0.00527731	0.571184	-1.75075	0.0811856	0.744984	-1.34231	0.282899	1.18519	1.18519	2.51889	0.925043	0.326437	1
cg21590616	UBR1;UBR1	0.10393	0.846961	0.960218	-1.04143	0.484137	1.16112	1.16112	0.0178594	1.83102	1.83102	0.410907	1.19323	1.19323	0.127504	1.41372	1.41372	0.0625206	0.643775	-1.55334	0.127969	0.707699	-1.41303	0.917335	0.978424	-1.02205	0.924168	0.980196	-1.0202	2.51883	1.76086	0.621404	1
cg17055804	ENOX1;ENOX1	0.10393	0.267437	1.38867	1.38867	0.037152	0.502747	-1.98907	0.0631277	0.552081	-1.81133	0.26752	1.38858	1.38858	0.343498	1.31962	1.31962	0.453069	0.804738	-1.24264	0.100278	1.66821	1.66821	0.317403	1.34143	1.34143	0.458428	1.23934	1.23934	2.51883	3.22236	1.13716	1
cg13777700	USP20;USP20;USP20	0.103931	0.361909	1.41744	1.41744	0.0156091	3.0151	3.0151	0.176995	1.70605	1.70605	0.802928	1.09755	1.09755	0.107307	0.519796	-1.92383	0.775527	0.899043	-1.11229	0.100972	1.95159	1.95159	0.0754399	2.08912	2.08912	0.37796	1.40038	1.40038	2.51882	5.52783	1.95077	1
cg14623316	SRGAP3;SRGAP3	0.103932	0.211553	0.66475	-1.50432	0.0198672	0.41798	-2.39246	0.0538232	0.506992	-1.97242	0.509278	1.23086	1.23086	0.516055	0.815211	-1.22668	0.77206	1.0943	1.0943	0.229765	1.47841	1.47841	0.679829	1.13741	1.13741	0.145792	1.62341	1.62341	2.5188	3.84012	1.35518	1
cg26876444	LEPR;LEPR;LEPROT;LEPR	0.103938	0.175035	0.304757	-3.28131	0.127765	0.257551	-3.88272	0.414808	0.503232	-1.98715	0.16967	0.299659	-3.33712	0.0866186	0.210293	-4.75528	0.166443	0.296566	-3.37194	0.0134343	0.0803282	-12.4489	0.0252503	0.111706	-8.95205	0.054977	0.166502	-6.00593	2.51875	27.0735	9.55448	1
cg12548638	EPHA10;EPHA10	0.10394	0.030452	0.223692	-4.47043	0.523124	0.683168	-1.46377	0.156037	0.409222	-2.44366	0.303277	0.533774	-1.87345	0.14655	0.399526	-2.50297	0.122669	0.373513	-2.67728	0.00642432	0.12404	-8.06189	0.118647	0.368866	-2.71101	0.258076	0.49917	-2.00333	2.51872	13.8277	4.87998	1
cg14392283	LY6E;LY6E	0.103942	0.443986	0.611417	-1.63555	0.00562786	9.88508	9.88508	0.0441908	4.29454	4.29454	0.714468	0.793229	-1.26067	0.73288	0.805762	-1.24106	0.641893	0.744346	-1.34346	0.868533	0.900836	-1.11008	0.395939	1.72987	1.72987	0.625066	1.36408	1.36408	2.5187	15.853	5.59479	1
cg03699508	TBX22;TBX22;TBX22	0.103943	0.0365004	0.204662	-4.88611	0.0422818	0.217242	-4.60316	0.155498	0.370842	-2.69657	0.194325	0.408125	-2.45023	0.445418	0.601879	-1.66146	0.734942	1.24831	1.24831	0.751199	1.23073	1.23073	0.258226	2.15973	2.15973	0.0364527	0.204554	-4.8887	2.51869	16.9931	5.99717	1
cg20818262	KCNB2	0.103944	0.967937	1.00853	1.00853	0.30737	1.25012	1.25012	0.767469	0.939277	-1.06465	0.80614	1.05332	1.05332	0.136193	0.712325	-1.40385	0.163664	1.36895	1.36895	0.00470198	2.2115	2.2115	0.774399	0.941092	-1.0626	0.982918	1.00453	1.00453	2.51868	1.7805	0.628371	1
cg00381789	ANO9	0.103945	0.116789	0.432017	-2.31473	?	?	?	0.0375852	0.304771	-3.28115	0.223549	1.87736	1.87736	0.106193	0.419359	-2.38459	0.935046	0.960648	-1.04096	0.084771	0.391056	-2.55718	0.269551	1.76176	1.76176	0.633063	1.26732	1.26732	2.54568	8.69433	3.41533	1
cg20259401	SMAD6;SMAD6	0.103945	0.0358702	1.55729	1.55729	0.497271	0.882467	-1.13319	0.153075	1.31996	1.31996	0.728213	0.938667	-1.06534	0.335154	0.834998	-1.19761	0.929075	0.983978	-1.01628	0.0556019	0.67466	-1.48223	0.0577037	1.47604	1.47604	0.609315	1.09803	1.09803	2.51867	1.31308	0.463413	1
cg14641757	C21orf96;RUNX1	0.103945	0.622127	1.10562	1.10562	0.0215961	0.572552	-1.74657	0.676915	0.918789	-1.08839	0.433618	0.850864	-1.17528	0.590687	0.896061	-1.116	0.67736	0.918904	-1.08825	0.0144118	1.83966	1.83966	0.34193	0.820429	-1.21887	0.668464	1.09099	1.09099	2.51867	1.62975	0.575169	1
cg04986765	DENND5B	0.103946	0.0221469	0.532077	-1.87943	0.276947	1.29707	1.29707	0.694533	0.913212	-1.09504	?	?	?	0.969933	0.991368	-1.00871	0.016545	0.509955	-1.96096	0.623287	1.12062	1.12062	0.790494	0.94059	-1.06316	0.5451	1.15128	1.15128	2.54567	1.89624	0.744891	1
cg19969694	VPS18	0.103947	0.080181	0.0919554	-10.8748	0.171614	0.167084	-5.98503	0.23214	0.214249	-4.66746	0.752141	0.677377	-1.47628	0.0500574	0.0641195	-15.5959	0.0596586	0.073314	-13.64	0.0176576	0.0287679	-34.761	0.0305133	0.0439155	-22.771	0.246583	0.225446	-4.43565	2.51865	60.2946	21.2793	1
cg07675031	SPI1;SPI1	0.103947	0.661554	0.767868	-1.30231	0.0542346	0.269842	-3.70587	0.0273039	0.20888	-4.78744	0.243835	0.481346	-2.07751	0.200032	0.44409	-2.25179	0.799601	1.16478	1.16478	0.115023	2.79424	2.79424	0.281431	1.95666	1.95666	0.196785	0.441186	-2.26662	2.51865	14.3421	5.06166	1
ch.12.2881175F	PUS1;PUS1;PUS1	0.103948	0.521468	0.898818	-1.11257	0.00612635	0.555877	-1.79896	0.0554071	0.700155	-1.42826	0.0651767	0.711857	-1.40478	0.831162	0.965555	-1.03567	0.232119	0.814055	-1.22842	0.460499	1.13128	1.13128	0.624006	0.922097	-1.08448	0.702281	0.938897	-1.06508	2.51864	1.07505	0.37941	1
cg13670288	INS-IGF2;INS-IGF2	0.103948	0.21545	2.24321	2.24321	0.00984804	7.54902	7.54902	0.702792	1.26814	1.26814	0.795448	0.851306	-1.17467	0.117446	2.86816	2.86816	0.690731	1.28121	1.28121	0.0571115	0.263477	-3.7954	0.501869	1.52554	1.52554	0.960412	0.969711	-1.03124	2.51863	15.3165	5.40556	1
cg13663793	WT1;WIT1;WT1;WT1;WT1	0.10395	0.315472	0.900919	-1.10998	0.870001	0.983669	-1.0166	0.0758796	1.21969	1.21969	0.834	1.02132	1.02132	0.0462596	0.794899	-1.25802	0.1053	0.837021	-1.19471	0.0600192	1.23773	1.23773	0.686524	0.960034	-1.04163	0.309178	1.1116	1.1116	2.51861	0.403117	0.142271	1
cg26875902	TRAF7	0.103952	0.822291	0.944248	-1.05904	0.184673	0.698524	-1.43159	0.0738123	0.601586	-1.66227	0.312444	1.30533	1.30533	0.067282	0.592792	-1.68693	0.0316619	0.526022	-1.90106	0.221157	1.38815	1.38815	0.297732	1.3169	1.3169	0.615515	0.878859	-1.13784	2.5186	2.59402	0.915507	1
cg07194839	EBF3	0.103953	0.109458	3.47376	3.47376	0.520398	1.59182	1.59182	0.79897	0.833521	-1.19973	0.106376	3.51891	3.51891	0.834358	0.861213	-1.16115	0.431487	1.77336	1.77336	0.787529	1.21259	1.21259	0.00366827	16.4951	16.4951	0.18171	2.74983	2.74983	2.51859	20.3085	7.16749	1
cg06288355	RAG1	0.103954	0.42125	0.669713	-1.49318	0.102328	2.39258	2.39258	0.397066	0.654985	-1.52675	0.0482286	0.33236	-3.00879	0.116302	0.434844	-2.29967	0.720947	0.839444	-1.19126	0.655235	0.803087	-1.24519	0.0172693	0.242862	-4.11756	0.147191	0.468129	-2.13616	2.51857	9.49745	3.35197	1
cg12249575	NKX2-1;NKX2-1;NKX2-1	0.103958	0.954092	0.973985	-1.02671	0.00967122	4.47734	4.47734	0.137057	2.08191	2.08191	0.556006	0.761351	-1.31345	0.640031	1.24067	1.24067	0.675232	0.824539	-1.2128	0.581046	0.774758	-1.29073	0.0389453	2.98737	2.98737	0.153477	2.01328	2.01328	2.51854	8.36181	2.95121	1
cg09788008	B3GALTL	0.10396	0.140926	2.36405	2.36405	0.0166373	4.89722	4.89722	0.21878	0.495238	-2.01923	0.368658	1.65145	1.65145	0.0279224	4.10126	4.10126	0.895561	1.07396	1.07396	0.449509	1.51995	1.51995	0.14271	2.35364	2.35364	0.180443	2.16565	2.16565	2.51851	11.7738	4.15547	1
cg22122760	COL11A2;COL11A2;COL11A2;COL11A2	0.103962	0.319463	1.13276	1.13276	0.0838377	1.26088	1.26088	0.620601	1.06232	1.06232	0.518043	1.08264	1.08264	0.627233	1.06109	1.06109	0.0221721	0.71729	-1.39414	0.152122	0.830371	-1.20428	0.198166	0.848075	-1.17914	0.202692	1.17698	1.17698	2.51849	0.585588	0.206681	1
cg09604414	EHMT2;EHMT2	0.103964	0.774889	0.963807	-1.03755	0.414753	0.898363	-1.11314	0.10544	0.796589	-1.25535	0.203779	1.18821	1.18821	0.646749	1.06112	1.06112	0.174189	1.20424	1.20424	0.00754214	1.55581	1.55581	0.57907	1.0747	1.0747	0.897929	0.983636	-1.01664	2.51848	0.659302	0.232699	1
cg21559716	SNRNP200	0.103968	0.843755	1.07278	1.07278	0.960474	0.982511	-1.0178	0.319231	0.693181	-1.44262	0.641374	0.846198	-1.18176	0.443712	1.3205	1.3205	0.0097557	0.312368	-3.20135	0.136212	0.564624	-1.77109	0.979481	0.990886	-1.0092	0.0207112	0.370982	-2.69555	2.51843	5.05544	1.78434	1
cg17284168	SGK1;SGK1;SGK1;SGK1	0.103969	0.205764	0.393553	-2.54095	0.952949	1.04209	1.04209	0.111735	0.298162	-3.35389	0.310988	2.07995	2.07995	0.054852	0.218424	-4.57826	0.0913023	3.66644	3.66644	0.193559	0.382464	-2.61462	0.173626	2.74945	2.74945	0.298451	2.12327	2.12327	2.51842	19.4682	6.8714	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21149764	NCRNA00171	0.10397	0.036262	0.40134	-2.49166	0.144089	0.555188	-1.80119	0.0685678	0.465571	-2.1479	0.201122	0.602745	-1.65908	0.10366	0.513077	-1.94902	0.022121	0.357414	-2.79788	0.386503	0.716861	-1.39497	0.531854	1.26802	1.26802	0.0699049	0.467676	-2.13823	2.51841	5.6084	1.97952	1
cg13089369	MAPK10	0.103971	0.00959763	0.412939	-2.42167	0.108799	0.623902	-1.60282	0.240281	0.717751	-1.39324	0.0245964	0.485732	-2.05875	0.0646899	0.571384	-1.75014	0.289543	0.743398	-1.34517	0.963664	0.987787	-1.01236	0.318951	0.757433	-1.32025	0.198318	0.693018	-1.44296	2.5184	2.90191	1.02425	1
cg20319877	SNAPIN	0.103971	0.780878	1.03263	1.03263	0.678486	0.953136	-1.04917	0.548899	1.07233	1.07233	0.924048	0.98908	-1.01104	0.427921	1.09767	1.09767	0.384814	1.10804	1.10804	0.0157545	0.711276	-1.40592	0.0777039	1.25328	1.25328	0.0589536	0.782257	-1.27835	2.51839	0.528807	0.186647	1
cg11313468	HNRNPUL1;HNRNPUL1	0.103974	0.720424	1.20442	1.20442	0.0570033	0.328031	-3.04849	0.711218	1.21223	1.21223	0.450479	0.671689	-1.48878	0.0299643	0.266705	-3.74946	0.0316308	0.271408	-3.68449	0.0490805	0.312626	-3.19871	0.993606	0.995861	-1.00416	0.131315	0.430355	-2.32366	2.51837	10.6841	3.77108	1
cg21713424	DDC;DDC	0.103976	0.56013	1.09462	1.09462	0.320824	1.17047	1.17047	0.849356	0.971242	-1.02961	0.941908	1.01125	1.01125	0.760741	1.04798	1.04798	0.190671	1.23695	1.23695	0.0821846	0.744159	-1.3438	0.00554094	1.74946	1.74946	0.512431	1.10733	1.10733	2.51835	0.939241	0.331519	1
cg02884588	CDC34	0.103976	0.313826	2.11627	2.11627	0.0626968	4.51442	4.51442	0.0143262	8.78523	8.78523	0.161392	2.93378	2.93378	0.589289	0.675544	-1.48029	0.537267	0.637904	-1.56763	0.354577	0.503899	-1.98452	0.183185	2.7631	2.7631	0.387548	0.528686	-1.89148	2.51835	20.656	7.29086	1
cg04682911	TOX	0.103977	0.48124	0.875324	-1.14243	0.0206664	1.67922	1.67922	0.443725	1.15632	1.15632	0.411268	0.855321	-1.16915	0.06885	0.684724	-1.46044	0.480096	1.14284	1.14284	0.0602937	1.48305	1.48305	0.647467	0.917926	-1.08941	0.38598	1.17976	1.17976	2.51833	1.37992	0.487065	1
cg04074793	MKI67;MKI67;MKI67;MKI67	0.103982	0.278932	0.500487	-1.99805	0.0973705	0.326761	-3.06034	0.201509	2.29179	2.29179	0.785539	0.845604	-1.18259	?	?	?	0.420077	0.602596	-1.65949	0.0191902	5.70995	5.70995	?	?	?	0.756807	1.21045	1.21045	2.57864	12.0087	5.32228	1
cg14078070	RPS6KA2	0.103982	0.120779	0.699215	-1.43018	0.892868	0.971753	-1.02907	0.172298	0.734239	-1.36195	0.0278592	0.575404	-1.73791	0.045762	0.614482	-1.62739	0.217507	1.31769	1.31769	0.195396	1.33803	1.33803	0.689767	1.08907	1.08907	0.694869	0.919588	-1.08744	2.51828	1.80351	0.636595	1
cg08460326	CCNF	0.103984	0.457434	1.17921	1.17921	0.258289	1.29299	1.29299	0.0452476	0.606289	-1.64938	0.153865	0.71707	-1.39456	0.476849	0.854216	-1.17066	0.387233	1.21297	1.21297	0.0274205	1.76534	1.76534	0.568748	1.13369	1.13369	0.234874	1.31158	1.31158	2.51826	1.89268	0.668071	1
cg04344205	WDR8	0.103986	0.93184	1.01612	1.01612	0.176637	1.30791	1.30791	0.330471	0.828892	-1.20643	0.991525	1.00199	1.00199	0.132782	0.738518	-1.35406	0.0730764	0.688262	-1.45293	0.235683	0.792751	-1.26143	0.194847	1.2921	1.2921	0.0348829	1.58329	1.58329	2.51824	1.39292	0.491672	1
cg05831188	SDK1	0.103986	0.0356082	0.352567	-2.83634	0.776546	0.885784	-1.12894	0.448286	0.719374	-1.3901	0.830081	0.912473	-1.09592	0.00618932	0.218361	-4.57957	0.221077	0.577954	-1.73024	0.076605	0.431936	-2.31516	0.716658	1.16806	1.16806	0.340681	0.65803	-1.51969	2.51824	7.24521	2.55742	1
cg13645704	KDELR2;KDELR2	0.103992	0.079937	0.775527	-1.28945	0.0131106	1.4956	1.4956	0.670655	1.05756	1.05756	0.817453	1.03071	1.03071	0.951365	0.992051	-1.00801	0.971394	0.995319	-1.0047	0.078955	0.774743	-1.29075	0.691782	0.949202	-1.05352	0.210622	1.18837	1.18837	2.51817	0.682704	0.240987	1
cg05714082	POLR1A;POLR1A;PTCD3	0.103993	0.215264	1.64572	1.64572	0.66882	0.848444	-1.17863	0.129147	0.534588	-1.8706	0.113405	1.93081	1.93081	0.0360946	2.53693	2.53693	0.973356	1.01284	1.01284	0.0424104	0.409561	-2.44164	0.707325	0.865844	-1.15494	0.776733	0.897103	-1.1147	2.51817	5.81747	2.05351	1
cg19191624	BIRC6	0.103995	0.986326	1.00283	1.00283	0.032796	1.50851	1.50851	0.152587	1.28691	1.28691	0.622722	0.921602	-1.08507	0.73234	0.945048	-1.05815	0.706924	0.939709	-1.06416	0.0466919	0.687315	-1.45494	0.10481	1.33889	1.33889	0.134557	1.30424	1.30424	2.51815	1.08096	0.38157	1
cg16958106	NRXN2;NRXN2	0.103996	0.370015	1.28723	1.28723	0.00372795	2.92818	2.92818	0.649059	1.1339	1.1339	0.378056	1.28154	1.28154	0.919527	0.972664	-1.0281	0.839919	0.946038	-1.05704	0.0523325	1.83172	1.83172	0.2071	1.44038	1.44038	0.870985	0.956399	-1.04559	2.51813	3.00016	1.05904	1
cg27340480	PLAUR;PLAUR;PLAUR	0.103999	0.562608	1.33293	1.33293	0.196209	1.95606	1.95606	0.113359	0.42919	-2.32997	0.355921	0.627394	-1.5939	0.879934	0.928479	-1.07703	0.704732	0.829524	-1.20551	0.762916	1.16012	1.16012	0.462719	1.44339	1.44339	0.00578543	0.169485	-5.90022	2.5181	9.61205	3.39305	1
cg07781332	ADAMTS19	0.104002	0.920991	1.01895	1.01895	0.0338148	1.59832	1.59832	0.125619	1.36841	1.36841	0.975718	0.994257	-1.00578	0.292492	0.813289	-1.22957	0.0842644	1.43539	1.43539	0.445745	0.863217	-1.15846	0.0237681	1.6664	1.6664	0.316954	1.21625	1.21625	2.51807	1.42811	0.504129	1
cg12259024	RASA3	0.104003	0.614079	0.924273	-1.08193	0.83248	0.967727	-1.03335	0.882391	0.977334	-1.02319	0.944744	1.01079	1.01079	0.742914	1.0523	1.0523	0.553777	1.0972	1.0972	0.00186143	1.98137	1.98137	0.897312	0.980202	-1.0202	0.799643	1.04017	1.04017	2.51806	0.956569	0.337674	1
cg07711397	SH2D4B	0.104003	0.0420793	0.372033	-2.68793	0.697816	0.848134	-1.17906	0.273937	0.618405	-1.61706	0.61327	1.24005	1.24005	0.185933	0.55319	-1.8077	0.0565509	2.48751	2.48751	0.0629335	2.41867	2.41867	0.30958	0.641524	-1.55879	0.891818	0.944172	-1.05913	2.51806	7.10755	2.509	1
cg06650067	DENND4A;DENND4A	0.104008	0.79973	1.09063	1.09063	0.434825	1.3125	1.3125	0.257288	1.497	1.497	0.336987	0.71332	-1.40189	0.0557223	0.477214	-2.0955	0.983931	1.0069	1.0069	0.00988071	0.328725	-3.04206	0.134966	0.576986	-1.73314	0.49182	0.787991	-1.26905	2.51801	4.64453	1.63958	1
cg02411974	FAR1	0.104008	0.452217	0.939087	-1.06486	0.0233061	0.800545	-1.24915	0.101861	0.863339	-1.15829	0.0561587	0.837367	-1.19422	0.0687124	0.846035	-1.18198	0.848729	1.01579	1.01579	0.328295	1.08633	1.08633	0.180971	0.889981	-1.12362	0.0874396	0.856558	-1.16746	2.518	0.268552	0.0948023	1
cg00318618	MCM4;MCM4;PRKDC;PRKDC	0.10401	0.0240496	0.534992	-1.86919	0.174399	0.714768	-1.39906	0.0530217	0.599885	-1.66699	0.0995631	0.657341	-1.52128	0.647175	1.11305	1.11305	0.329385	1.26359	1.26359	0.0997709	0.657542	-1.52082	0.526601	1.16082	1.16082	0.26684	0.764235	-1.3085	2.51799	2.15434	0.760516	1
cg16357287	SEH1L;SEH1L	0.104011	0.102365	2.15542	2.15542	0.289254	0.623379	-1.60416	0.316678	1.56007	1.56007	0.261907	1.65302	1.65302	0.501592	1.34047	1.34047	0.0211049	0.30376	-3.29207	0.171209	0.534772	-1.86996	0.896584	0.945664	-1.05746	0.15521	0.520233	-1.92222	2.51798	7.36072	2.59846	1
cg03520802	HIPK2;HIPK2	0.104015	0.185377	0.626392	-1.59644	0.368854	0.735347	-1.3599	0.061603	0.495958	-2.0163	0.306572	0.702878	-1.42272	0.0258591	0.414278	-2.41384	0.447442	0.772678	-1.2942	0.439936	0.769246	-1.29997	0.0510258	2.09645	2.09645	0.18047	0.622698	-1.60592	2.51794	4.42411	1.56181	1
cg20104307	HAGHL;HAGHL	0.104025	0.0665542	0.609188	-1.64153	0.0355439	1.80314	1.80314	0.137563	1.47	1.47	0.784061	0.935967	-1.06841	0.819979	0.946567	-1.05645	0.103485	1.53571	1.53571	0.150476	1.4496	1.4496	0.333077	0.786205	-1.27193	0.333797	1.27145	1.27145	2.51783	2.31436	0.817058	1
cg00207731	FURIN	0.104029	0.779748	1.11702	1.11702	0.314143	1.50818	1.50818	0.337129	1.47791	1.47791	0.518268	1.29502	1.29502	0.659682	0.839523	-1.19115	0.372227	0.696547	-1.43565	0.0073386	0.255579	-3.91268	0.0591854	0.431324	-2.31844	0.78551	0.897917	-1.11369	2.51779	6.21317	2.19352	1
cg06950309	KCNN3	0.104029	0.0885251	0.26653	-3.75193	0.53131	1.5624	1.5624	0.128484	0.314682	-3.17781	0.625754	1.41322	1.41322	0.05018	0.207791	-4.81253	0.967481	1.0291	1.0291	0.0152982	0.12303	-8.12811	0.0830041	0.259064	-3.86005	0.454119	0.584747	-1.71014	2.51778	19.7458	6.97115	1
cg10761097	SLC6A17	0.104031	0.123692	1.42676	1.42676	0.627592	1.10983	1.10983	0.468232	0.854434	-1.17037	0.561048	1.13347	1.13347	0.311588	1.25	1.25	0.209535	0.754338	-1.32567	0.0151481	1.88898	1.88898	0.836792	0.956985	-1.04495	0.0784841	0.659283	-1.5168	2.51777	1.81176	0.639635	1
cg25146557	LOC200726	0.104031	0.574172	1.09798	1.09798	0.285686	1.20029	1.20029	0.199577	1.24998	1.24998	0.227818	1.23173	1.23173	0.669782	0.931809	-1.07318	0.0818573	0.728003	-1.37362	0.10693	0.74844	-1.33611	0.0437517	1.46467	1.46467	0.125104	1.31432	1.31432	2.51777	1.0809	0.381607	1
cg13331011	CXXC5	0.104037	0.656479	0.875082	-1.14275	0.0295377	2.14647	2.14647	0.107726	0.592612	-1.68745	0.631574	1.1549	1.1549	0.260685	0.70491	-1.41862	0.307134	1.37044	1.37044	0.746609	0.907885	-1.10146	0.0327305	2.10589	2.10589	0.485441	0.809539	-1.23527	2.5177	3.54294	1.25086	1
cg06189303	BOC	0.104039	0.274117	1.30218	1.30218	0.0668565	1.61074	1.61074	0.0577825	1.645	1.645	0.357472	0.80286	-1.24555	0.208559	1.36016	1.36016	0.0563518	0.605708	-1.65096	0.379848	1.23247	1.23247	0.262507	0.762564	-1.31136	0.53572	1.15663	1.15663	2.51768	2.14666	0.757895	1
cg03191083	LOC286467	0.104039	0.403164	0.734981	-1.36058	0.21596	1.59789	1.59789	0.0321038	0.405119	-2.46841	0.491698	0.77774	-1.28578	0.251962	1.53838	1.53838	0.395837	0.731276	-1.36747	0.0262163	2.58348	2.58348	0.717127	0.877259	-1.13991	0.416495	1.34835	1.34835	2.51768	5.16535	1.82367	1
cg22747142	SLC25A22	0.10404	0.0841988	0.556982	-1.79539	0.460041	0.794207	-1.25912	0.174867	1.55585	1.55585	0.373023	0.75568	-1.32331	0.127384	0.603512	-1.65697	0.120498	0.596981	-1.67509	0.128633	0.604669	-1.6538	0.0208011	0.426407	-2.34518	0.0781863	0.549127	-1.82107	2.51767	3.74157	1.321	1
cg23421509	KIDINS220	0.10404	0.168568	1.35991	1.35991	0.228793	1.30298	1.30298	0.377755	0.827258	-1.20881	0.143305	1.39036	1.39036	0.890582	0.97157	-1.02926	0.0117267	0.516976	-1.93433	0.604852	0.896393	-1.11558	0.581101	1.12387	1.12387	0.218562	0.76249	-1.31149	2.51767	1.75076	0.618124	1
cg18941348	CCDC90A	0.104041	0.34246	1.24731	1.24731	0.00413799	2.38378	2.38378	0.134413	1.44008	1.44008	0.444771	1.19246	1.19246	0.790858	1.06189	1.06189	0.19969	0.736291	-1.35816	0.297702	1.27624	1.27624	0.387094	1.22178	1.22178	0.98933	1.00303	1.00303	2.51766	2.03562	0.7187	1
cg12182971	C6orf176;C6orf176	0.104042	0.0251814	0.28438	-3.51642	0.0720246	0.387347	-2.58166	0.0321377	0.305619	-3.27205	0.331226	1.6056	1.6056	0.323528	0.617801	-1.61864	0.143002	0.47545	-2.10327	0.438096	1.45291	1.45291	0.295974	0.599392	-1.66836	0.312101	0.610255	-1.63866	2.51765	8.89482	3.14043	1
cg19264571	APCDD1	0.104042	0.758174	1.11562	1.11562	0.00619529	0.28237	-3.54146	0.935428	1.02912	1.02912	0.298118	1.46536	1.46536	0.227166	0.638154	-1.56702	0.427282	0.7504	-1.33262	0.15961	0.587185	-1.70304	0.857987	1.06551	1.06551	0.22875	1.56439	1.56439	2.51764	5.00457	1.76693	1
cg24142633	C17orf67	0.104043	0.0338485	0.23886	-4.18655	0.241226	0.492127	-2.032	0.0365816	0.245627	-4.07122	0.0918574	0.342127	-2.92289	0.0158318	0.181181	-5.51934	0.106897	0.361574	-2.76568	0.296761	0.53514	-1.86867	0.184789	0.443572	-2.25442	0.10136	0.354614	-2.81997	2.51764	13.3187	4.70236	1
cg08299976	RILP	0.104043	0.970326	1.04353	1.04353	0.836445	1.26717	1.26717	0.199517	4.72388	4.72388	0.11405	7.16457	7.16457	0.0101895	40.9027	40.9027	0.922711	0.894798	-1.11757	0.721676	1.50639	1.50639	0.104116	7.65476	7.65476	0.0209607	24.0897	24.0897	2.51763	52.3176	18.4715	1
cg03841029	MBD1;MBD1;MBD1;MBD1;MBD1	0.104046	0.609793	1.1115	1.1115	0.0338007	0.60111	-1.66359	0.762617	1.06419	1.06419	0.0531261	0.636819	-1.5703	0.626872	0.904287	-1.10584	0.54388	1.13447	1.13447	0.0215001	0.567136	-1.76325	0.340769	1.22337	1.22337	0.739192	1.07102	1.07102	2.5176	1.68164	0.593734	1
ch.9.1104901R	FRMD3	0.104047	0.164425	0.442085	-2.26201	0.0163019	0.198665	-5.0336	0.00896345	0.160581	-6.22739	0.0679193	0.324625	-3.08047	0.451678	0.655777	-1.52491	0.309372	0.560535	-1.78401	0.420933	0.636092	-1.5721	0.413512	0.631284	-1.58407	0.886694	0.924547	-1.08161	2.5176	12.0727	4.26251	1
cg01965173	RIPPLY2	0.104048	0.582262	0.866421	-1.15417	0.972171	0.991037	-1.00904	0.0373617	0.536033	-1.86556	0.76455	1.08061	1.08061	0.109427	0.637337	-1.56903	0.355089	1.27829	1.27829	0.0378066	0.537052	-1.86202	0.750541	0.920977	-1.0858	0.0714729	1.68119	1.68119	2.51758	2.65593	0.937735	1
cg15445554	SLC6A1	0.104051	0.145221	1.38424	1.38424	0.643444	1.10174	1.10174	0.36047	1.21582	1.21582	0.25471	1.28044	1.28044	0.121643	0.705529	-1.41738	0.0967969	1.4607	1.4607	0.0344719	1.66968	1.66968	0.0563243	1.56709	1.56709	0.0754202	1.50899	1.50899	2.51755	1.72284	0.608293	1
cg00374298	LSM5;LSM5;LSM5;LSM5;LSM5	0.104053	0.595763	1.17439	1.17439	0.0110177	2.60512	2.60512	0.450301	1.2598	1.2598	0.338267	1.34498	1.34498	0.474797	0.803949	-1.24386	0.130226	1.63348	1.63348	0.172229	0.646459	-1.54689	0.0725267	1.82505	1.82505	0.239485	1.44748	1.44748	2.51754	3.59423	1.26905	1
cg01353524	HEXIM2	0.104053	0.552936	0.900948	-1.10994	0.30243	1.20398	1.20398	0.688453	0.932357	-1.07255	0.79592	0.955961	-1.04607	0.297341	0.828827	-1.20652	0.313955	0.834465	-1.19837	0.0214613	0.618721	-1.61624	0.0164216	0.600755	-1.66457	0.0557685	0.686187	-1.45733	2.51753	1.20398	0.425102	1
cg03608342	LOC646762	0.104054	0.793367	1.03096	1.03096	0.0447439	0.765203	-1.30684	0.951421	1.0071	1.0071	0.255288	1.14792	1.14792	0.200266	0.854579	-1.17017	0.0163377	0.711072	-1.40633	0.0499598	0.771312	-1.29649	0.80005	0.970951	-1.02992	0.363339	0.89717	-1.11462	2.51753	0.537912	0.189926	1
cg00736283	ASF1B	0.104055	0.369433	1.07334	1.07334	0.116803	0.87737	-1.13977	0.504226	0.949295	-1.05341	0.762027	1.02359	1.02359	0.0574817	0.847929	-1.17934	0.346021	1.07736	1.07736	0.0219543	0.809748	-1.23495	0.358465	1.07519	1.07519	0.266293	1.09301	1.09301	2.51751	0.235051	0.0829923	1
cg11595575	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA10;PCDHA5;PCDHA3;PCDHA4;PCDHA10;P	0.104055	0.0384698	12.1906	12.1906	0.0181323	19.9337	19.9337	0.18685	4.30223	4.30223	0.143094	5.16139	5.16139	0.150844	4.98078	4.98078	0.0588199	9.25929	9.25929	0.168435	4.6206	4.6206	0.0453033	10.9652	10.9652	0.0900499	7.01747	7.01747	2.51751	43.3628	15.3106	1
cg11612905	DGKD;DGKD	0.104055	0.178754	0.738338	-1.35439	0.0302414	1.71781	1.71781	0.846687	1.04196	1.04196	0.747599	0.933731	-1.07097	0.15284	0.722429	-1.38422	0.744045	0.932791	-1.07205	0.0262189	1.75067	1.75067	0.83002	0.955372	-1.04671	0.321946	0.804697	-1.2427	2.51751	1.79809	0.634874	1
cg07130416	ZNF598	0.104057	0.336883	0.782182	-1.27848	0.0150798	2.09819	2.09819	0.0972607	1.57072	1.57072	0.721435	0.915003	-1.09289	0.0571687	1.70558	1.70558	0.49631	0.842498	-1.18695	0.376296	1.25267	1.25267	0.976584	1.00731	1.00731	0.30011	0.766114	-1.30529	2.51749	2.45454	0.866662	1
cg21928142	PHKG2	0.104058	0.0396216	0.502941	-1.98831	0.725166	0.903077	-1.10733	0.216316	1.45614	1.45614	0.607464	1.16143	1.16143	0.0247556	0.462065	-2.1642	0.850516	1.056	1.056	0.970965	0.989543	-1.01057	0.0915633	1.71018	1.71018	0.383038	1.29481	1.29481	2.51748	3.32613	1.17441	1
cg26788852	MAPKBP1;MAPKBP1	0.104058	0.733398	1.1486	1.1486	0.0792045	2.20272	2.20272	0.146349	1.88107	1.88107	0.366661	1.45618	1.45618	0.00833366	0.255031	-3.92109	0.613655	0.813591	-1.22912	0.818232	0.910934	-1.09777	0.8057	1.10503	1.10503	0.641911	0.827143	-1.20898	2.51748	6.54733	2.31178	1
cg00405554	LOC401463	0.104063	0.0915452	0.582162	-1.71774	0.21236	0.682166	-1.46592	0.0154744	0.421095	-2.37476	0.892476	0.961385	-1.04017	0.168277	0.652122	-1.53345	0.728999	0.903686	-1.10658	0.0271161	0.466863	-2.14195	0.0421651	0.505796	-1.97708	0.152049	0.639674	-1.5633	2.51742	3.38045	1.19362	1
cg09509877	AVL9	0.104064	0.00751024	0.507324	-1.97113	0.286296	0.803808	-1.24408	0.324688	0.818247	-1.22212	0.852908	1.03728	1.03728	0.912772	0.97862	-1.02185	0.466441	0.864012	-1.15739	0.119956	1.39475	1.39475	0.364687	0.832179	-1.20167	0.0787322	0.680393	-1.46974	2.51742	1.55091	0.547619	1
cg19857140	SSPO	0.104065	0.76636	0.907835	-1.10152	0.208124	1.53825	1.53825	0.154879	0.610168	-1.63889	0.550255	1.21668	1.21668	0.347618	0.730663	-1.36862	0.0168548	2.57582	2.57582	0.390329	0.751543	-1.3306	0.0786991	1.88448	1.88448	0.216882	1.52443	1.52443	2.5174	4.19814	1.48235	1
cg26960322	CXCR7	0.104065	0.0859405	0.16708	-5.98515	0.0596191	0.134743	-7.42151	0.158035	0.240961	-4.15005	0.308413	0.370083	-2.7021	0.0743595	0.153408	-6.51856	0.335095	0.391694	-2.55302	0.0135296	0.0560318	-17.847	0.0390368	0.105148	-9.51045	0.0899202	0.171616	-5.82696	2.5174	35.4467	12.5162	1
cg26635603	BACH1;BACH1;BACH1	0.104066	0.477879	0.889424	-1.12432	0.0363453	1.4846	1.4846	0.0441682	1.45567	1.45567	0.639655	0.926283	-1.07958	0.484219	1.12237	1.12237	0.917654	1.01694	1.01694	0.254947	0.824464	-1.21291	0.196431	0.801066	-1.24834	0.0679906	1.39367	1.39367	2.5174	1.05146	0.371267	1
cg20989729	YAP1;YAP1	0.104073	0.0793352	0.771216	-1.29665	0.685734	0.947185	-1.05576	0.26196	1.16885	1.16885	0.645287	0.940049	-1.06377	0.0456952	0.736704	-1.3574	0.166055	0.821193	-1.21774	0.122116	1.25043	1.25043	0.0961585	0.783729	-1.27595	0.299108	1.15436	1.15436	2.51732	0.709279	0.250453	1
cg11728497	CDKN1B	0.104075	0.654566	0.875943	-1.14163	0.178583	0.656837	-1.52245	0.588483	1.17428	1.17428	0.846222	1.05877	1.05877	0.221311	0.685151	-1.45953	0.397825	1.28997	1.28997	0.00630673	0.351246	-2.847	0.0573545	0.531374	-1.88191	0.683026	0.886256	-1.12834	2.51731	3.44867	1.21776	1
cg24711407	HCCS;HCCS	0.104075	0.0160612	0.0663079	-15.0811	0.0544168	0.134011	-7.46205	0.917094	1.10063	1.10063	0.205535	3.42082	3.42082	0.243328	3.07787	3.07787	?	?	?	0.669431	1.48511	1.48511	0.725637	0.722918	-1.38328	0.553685	1.73621	1.73621	2.54427	30.3749	11.9386	1
cg03180552	PTPRN2;PTPRN2;PTPRN2	0.104076	0.519879	0.801279	-1.24801	0.0579397	2.07088	2.07088	0.209144	0.637887	-1.56768	0.972487	1.01178	1.01178	0.0348303	0.43372	-2.30563	0.552251	1.22656	1.22656	0.117145	0.560997	-1.78254	0.755067	1.11213	1.11213	0.0611845	0.488474	-2.04719	2.51729	4.59831	1.62372	1
cg22407574	DONSON	0.104076	0.505486	1.17193	1.17193	0.651093	1.11282	1.11282	0.804293	1.06003	1.06003	0.585892	0.878823	-1.13789	0.700567	0.913264	-1.09497	0.683531	0.908249	-1.10102	0.00496485	0.417551	-2.39492	0.72417	0.920171	-1.08675	0.0707622	1.60657	1.60657	2.51729	2.1981	0.776179	1
cg01630032	WWOX	0.104076	0.379797	0.566797	-1.7643	0.0446802	0.233989	-4.27371	0.030952	0.202624	-4.93524	0.342282	0.539779	-1.85261	0.39644	0.578551	-1.72846	0.0364119	0.215968	-4.63031	0.0194578	0.168628	-5.9302	0.140289	0.367958	-2.7177	0.111662	0.335617	-2.97959	2.51729	15.8322	5.59056	1
cg14937543	KAT2B	0.104081	0.101059	0.586532	-1.70494	0.246472	0.697608	-1.43347	0.31046	0.732118	-1.3659	0.986665	0.995047	-1.00498	0.0966803	0.581683	-1.71915	0.788455	1.08318	1.08318	0.0337266	2.0892	2.0892	0.57344	0.844492	-1.18414	0.0413627	0.49705	-2.01187	2.51724	3.51942	1.24278	1
cg07538339	RUNX1T1;RUNX1T1	0.104081	0.113287	0.25349	-3.94493	0.0985933	0.236347	-4.23106	0.657179	0.700673	-1.4272	0.441287	0.535085	-1.86886	0.918162	0.921412	-1.08529	0.737761	0.765208	-1.30683	0.00818748	0.0675735	-14.7987	0.0338066	0.138949	-7.19688	0.0798126	0.212648	-4.70262	2.51724	25.2843	8.9284	1
cg12191400	ZNF135;ZNF135;ZNF135;ZNF135;ZNF135	0.104081	0.251408	1.39291	1.39291	0.86891	0.955346	-1.04674	0.109426	1.62043	1.62043	0.278716	1.36545	1.36545	0.036619	0.510872	-1.95744	0.0541406	1.83026	1.83026	0.736169	1.09804	1.09804	0.158329	0.658972	-1.51752	0.335154	1.31636	1.31636	2.51724	3.04923	1.07674	1
cg16267577	AQR	0.104081	0.0599141	0.592706	-1.68718	0.453362	0.828433	-1.2071	0.0127109	0.466256	-2.14474	0.391991	0.805655	-1.24123	0.0694276	0.606254	-1.64947	0.803788	1.06326	1.06326	0.170208	1.43325	1.43325	0.233603	0.735121	-1.36032	0.561966	0.865469	-1.15544	2.51724	2.42068	0.854793	1
cg21238457	WNT11	0.104082	0.0174217	7.8792	7.8792	0.0736571	4.14522	4.14522	0.355654	1.96899	1.96899	0.0404733	5.40533	5.40533	0.942349	1.05293	1.05293	0.248627	2.36305	2.36305	0.69999	1.31798	1.31798	0.0219937	7.09306	7.09306	0.167149	2.85798	2.85798	2.51723	20.2718	7.15841	1
cg08173404	EPHB1	0.104085	0.0283341	0.315812	-3.16644	0.872969	1.07385	1.07385	0.532049	0.754395	-1.32557	0.0086828	0.225514	-4.43432	0.847339	0.917758	-1.08961	0.484893	1.37169	1.37169	0.574692	0.776884	-1.28719	0.0677826	0.402116	-2.48685	0.776739	0.881091	-1.13496	2.51719	7.90467	2.79135	1
cg19682249	SOCS2	0.104086	0.0328049	0.144044	-6.9423	0.0870217	0.230747	-4.33375	0.236231	0.381708	-2.6198	0.184962	0.3359	-2.97708	0.0192665	0.111162	-8.99591	0.0922448	0.237396	-4.21238	0.246039	0.39008	-2.56357	0.180302	0.331526	-3.01635	0.0265903	0.130102	-7.68625	2.51718	24.005	8.47686	1
cg26155979	PCGF6;PCGF6;PCGF6;PCGF6	0.10409	0.9461	1.00972	1.00972	0.784993	1.03989	1.03989	0.152875	1.24481	1.24481	0.650988	1.06731	1.06731	0.325108	1.15644	1.15644	0.390375	0.881708	-1.13416	0.0345726	1.42262	1.42262	0.0253352	1.46268	1.46268	0.0223216	1.47943	1.47943	2.51714	0.815663	0.288039	1
cg16829042	CUX1;CUX1;CUX1	0.104091	0.198795	1.97597	1.97597	0.123014	2.31948	2.31948	0.0624163	2.89366	2.89366	0.0525801	3.05977	3.05977	0.798524	0.880516	-1.1357	0.595776	1.30556	1.30556	0.785773	0.873244	-1.14515	0.0157909	4.56957	4.56957	0.0448986	3.22167	3.22167	2.67466	10.2561	2.98241	1
cg06165742	FOXP2;FOXP2;FOXP2	0.104092	0.919797	1.03425	1.03425	0.101314	0.548838	-1.82203	0.0344638	0.438349	-2.28129	0.702107	0.879405	-1.13713	0.199368	0.63544	-1.57371	0.095227	0.541714	-1.84599	0.0358172	2.26307	2.26307	0.848888	1.06587	1.06587	0.648683	0.857799	-1.16577	2.51713	4.45798	1.57427	1
cg03104428	OLFM3	0.104095	0.286389	1.23547	1.23547	0.513411	0.881097	-1.13495	0.372135	0.839448	-1.19126	0.152666	1.33986	1.33986	0.578856	1.11303	1.11303	0.0750073	1.46039	1.46039	0.035932	0.627447	-1.59376	0.965186	0.991698	-1.00837	0.0557105	1.51295	1.51295	2.5171	1.45427	0.513561	1
cg03433612	CD59;CD59;CD59;CD59	0.104099	0.259975	1.22834	1.22834	0.653143	0.923875	-1.0824	0.598287	0.911139	-1.09753	0.0728634	0.704536	-1.41937	0.0451727	1.49517	1.49517	0.407434	1.15989	1.15989	0.492247	0.885077	-1.12985	0.567141	0.903711	-1.10655	0.0269802	1.58159	1.58159	2.51705	1.22129	0.431297	1
cg03605339	ARMC7	0.104102	0.0651456	1.27977	1.27977	0.0371378	1.33413	1.33413	0.419536	1.10325	1.10325	0.597115	1.06561	1.06561	0.0628822	1.28313	1.28313	0.626605	1.06015	1.06015	0.05841	0.775095	-1.29016	0.637551	1.05816	1.05816	0.141529	1.20724	1.20724	2.51701	0.565787	0.199809	1
cg15545247	GPR109B;GPR109B	0.104103	0.82179	0.821958	-1.21661	0.656638	1.47528	1.47528	0.612937	1.55791	1.55791	0.496769	0.549005	-1.82148	0.106158	0.215769	-4.63459	0.0831136	0.188736	-5.29842	0.00824391	0.0530463	-18.8514	0.354315	0.436848	-2.28913	0.0541092	0.149596	-6.68466	2.51701	30.1088	10.633	1
cg20899581	HIST1H4L;HIST1H3I	0.104104	0.797145	0.779785	-1.2824	0.563425	1.75779	1.75779	0.0665241	7.29306	7.29306	0.822315	1.24259	1.24259	0.522592	0.534865	-1.86963	0.0156942	17.4545	17.4545	0.328281	0.377424	-2.64954	0.0316977	11.381	11.381	0.821988	0.804442	-1.2431	2.517	37.1723	13.1276	1
cg06794398	C1orf85	0.104104	0.820823	0.91427	-1.09377	0.187291	1.73705	1.73705	0.0105255	0.280347	-3.56701	0.397693	0.710247	-1.40796	0.169834	0.561182	-1.78195	0.677208	1.17986	1.17986	0.885491	1.05859	1.05859	0.886909	0.945329	-1.05783	0.0759307	2.18228	2.18228	2.517	6.2228	2.19761	1
cg05874655	PRKAA1;PRKAA1	0.104104	0.0923984	0.771623	-1.29597	0.274073	1.1727	1.1727	0.188641	1.21527	1.21527	0.0787556	0.76088	-1.31427	0.0677649	1.33163	1.33163	0.912947	1.01543	1.01543	0.0586888	0.741612	-1.34841	0.986717	0.997672	-1.00233	0.973327	1.00469	1.00469	2.51699	0.78108	0.275842	1
cg05995572	FLJ25363	0.104111	0.00660722	0.39243	-2.54823	0.82021	0.941399	-1.06225	0.568361	0.858171	-1.16527	0.181705	0.686555	-1.45655	0.0274826	0.500716	-1.99714	0.129363	0.647462	-1.54449	0.167985	0.677201	-1.47667	0.269906	0.737301	-1.3563	0.134476	0.651749	-1.53433	2.51692	2.80511	0.990667	1
cg12573289	CCM2;CCM2;CCM2;CCM2;CCM2	0.104119	0.0165306	0.383406	-2.6082	0.836398	0.934544	-1.07004	0.85296	0.941065	-1.06263	0.0849277	0.535959	-1.86582	0.0985752	0.55265	-1.80946	0.117889	0.573549	-1.74353	0.604046	0.842585	-1.18682	0.453184	1.28425	1.28425	0.0286626	0.429523	-2.32816	2.51684	4.27243	1.50893	1
cg01202666	TWIST1	0.104122	0.816405	0.96851	-1.03251	0.111843	1.26899	1.26899	0.59186	1.0773	1.0773	0.20711	1.20086	1.20086	0.127186	1.25476	1.25476	0.812112	1.0333	1.0333	0.56661	0.923399	-1.08296	0.0038152	1.71037	1.71037	0.75573	1.04387	1.04387	2.51681	0.754497	0.266474	1
cg16266453	ZNF548	0.104122	0.0588226	1.35602	1.35602	0.653268	1.06666	1.06666	0.985063	1.00268	1.00268	0.840891	0.971723	-1.0291	0.0340016	1.42356	1.42356	0.0590273	1.3556	1.3556	?	?	?	0.0221433	1.47915	1.47915	0.841388	1.02901	1.02901	2.54376	0.729301	0.286702	1
cg24007254	ABHD12;PYGB	0.104124	0.0740878	3.1147	3.1147	0.0336386	4.12205	4.12205	0.197631	2.1756	2.1756	0.126808	2.56672	2.56672	0.222922	2.07718	2.07718	0.86809	1.09952	1.09952	0.331674	1.77121	1.77121	0.0152872	5.47316	5.47316	0.0350693	4.06148	4.06148	2.51678	12.9864	4.58659	1
cg24573501	F2RL1	0.104127	0.0546005	6.04936	6.04936	0.0135701	12.447	12.447	0.0584056	5.84391	5.84391	0.547391	1.65305	1.65305	0.463238	1.85218	1.85218	0.680255	0.710285	-1.40789	0.525643	0.588072	-1.70047	0.0573996	5.89623	5.89623	0.451806	1.88291	1.88291	2.51675	27.1633	9.59376	1
cg23663533	KCNJ16;KCNJ16;KCNJ16	0.104128	0.37855	0.840256	-1.19011	0.12882	0.728905	-1.37192	0.544295	1.1255	1.1255	0.617213	1.10195	1.10195	0.745293	0.939135	-1.06481	0.755184	1.06211	1.06211	0.00388264	2.11529	2.11529	0.754066	1.06242	1.06242	0.72824	1.06951	1.06951	2.51675	1.47937	0.522499	1
cg23618830	ARHGEF12	0.104128	0.109702	0.6707	-1.49098	0.316203	1.26791	1.26791	0.203782	1.35967	1.35967	0.525776	0.863063	-1.15866	0.307791	0.785199	-1.27356	0.0301507	0.557643	-1.79326	0.702941	0.915974	-1.09173	0.640257	0.897793	-1.11384	0.0479748	1.67842	1.67842	2.51675	2.09145	0.738678	1
cg13261825	SLIT1	0.10413	?	?	?	0.0148482	0.219262	-4.56075	0.606036	0.768401	-1.3014	0.978004	0.986136	-1.01406	0.0391146	0.29849	-3.35019	0.936021	0.960161	-1.04149	0.032916	0.282694	-3.53739	0.196161	0.500512	-1.99795	0.916606	0.948343	-1.05447	2.54367	9.18246	3.60993	1
cg10412312	IFLTD1;IFLTD1;IFLTD1;IFLTD1;IFLTD1	0.104131	0.0194386	0.147862	-6.76305	0.0501036	0.220635	-4.53237	0.0777756	0.265508	-3.76636	0.240261	0.435248	-2.29754	0.0351523	0.190095	-5.26051	0.0745716	0.26083	-3.83391	0.0774398	0.265023	-3.77326	0.801365	0.843203	-1.18595	0.350773	0.522183	-1.91504	2.51671	18.2439	6.44363	1
cg03309978	MCF2L;MCF2L	0.104132	0.0920881	3.79638	3.79638	0.132864	3.21111	3.21111	0.115557	3.42394	3.42394	0.149061	3.04413	3.04413	0.0734112	0.237839	-4.20453	0.329582	2.06242	2.06242	0.0861523	0.255598	-3.91239	0.838145	1.15853	1.15853	0.583773	1.48895	1.48895	2.5167	20.6314	7.28691	1
cg25596173	SLU7	0.104132	0.746603	1.07422	1.07422	0.0196592	1.8633	1.8633	0.0143971	1.94669	1.94669	0.0897906	1.51132	1.51132	0.935036	1.01817	1.01817	0.607786	0.891974	-1.12111	0.07661	1.54487	1.54487	0.677166	1.09687	1.09687	0.440832	1.18956	1.18956	2.5167	1.94377	0.686534	1
cg13665807	TAF4	0.104132	0.888353	0.966056	-1.03514	0.152289	1.45788	1.45788	0.12391	1.50627	1.50627	0.0417272	1.78085	1.78085	0.959123	1.01268	1.01268	0.107353	0.649164	-1.54044	0.0722256	1.63763	1.63763	0.0701751	1.64488	1.64488	0.646327	0.892625	-1.12029	2.5167	2.40907	0.850874	1
cg00866556	TMEM200B	0.104134	0.0740929	7.71003	7.71003	0.0201786	17.7267	17.7267	0.249756	3.43605	3.43605	0.142379	5.04436	5.04436	0.152132	4.82704	4.82704	0.0457426	10.4884	10.4884	0.718087	1.45068	1.45068	0.0291188	13.9952	13.9952	0.0799705	7.34176	7.34176	2.51668	41.9724	14.8246	1
cg13791658	U2AF2;U2AF2;U2AF2;U2AF2	0.104135	0.0502136	1.46107	1.46107	0.127805	0.756052	-1.32266	0.645437	0.924326	-1.08187	0.930376	1.01495	1.01495	0.337458	0.845387	-1.18289	0.749285	0.946997	-1.05597	0.104923	1.35116	1.35116	0.0766891	1.39713	1.39713	0.0628244	1.42693	1.42693	2.51667	1.14985	0.406129	1
cg10616662	LOC388428	0.104136	0.268546	0.882152	-1.13359	0.995409	0.999374	-1.00063	0.223218	0.870006	-1.14942	0.357123	0.902081	-1.10855	0.553773	1.06734	1.06734	0.0603866	1.25915	1.25915	0.0131593	1.39725	1.39725	0.323107	0.894893	-1.11745	0.733723	1.03785	1.03785	2.51666	0.471908	0.166679	1
cg04605667	SIAH2	0.104137	0.152892	0.545947	-1.83168	0.225434	1.65422	1.65422	0.175241	1.76817	1.76817	0.0478711	0.408879	-2.44571	0.152822	1.8319	1.8319	0.0543894	0.421896	-2.37025	0.822672	1.0928	1.0928	0.289989	0.647783	-1.54373	0.995493	1.00224	1.00224	2.51665	6.23022	2.20053	1
cg19028997	ELK4;ELK4	0.104137	0.117648	0.327463	-3.05378	0.010482	8.30087	8.30087	0.406677	1.74656	1.74656	0.137568	0.349735	-2.8593	0.379522	0.553083	-1.80805	0.790561	0.839567	-1.19109	0.566895	0.683685	-1.46266	0.259744	2.16484	2.16484	0.916093	1.07169	1.07169	2.51665	17.2024	6.07595	1
cg01858866	PABPC4;PABPC4;PABPC4	0.104142	0.0185088	0.342075	-2.92334	0.977532	1.01063	1.01063	0.880102	0.94489	-1.05832	0.844168	1.07671	1.07671	0.0401759	0.41049	-2.43612	0.302532	0.669579	-1.49347	0.0263246	0.3718	-2.68962	0.113812	0.524083	-1.90809	0.746689	1.12943	1.12943	2.51659	5.62145	1.98556	1
cg27457427	STOX2	0.104142	0.360319	0.85609	-1.1681	0.471693	0.886071	-1.12858	0.296849	0.836356	-1.19566	0.832175	1.03568	1.03568	0.0882632	1.36447	1.36447	0.411242	1.14892	1.14892	0.0224538	1.57109	1.57109	0.115492	0.753741	-1.32672	0.196255	0.797902	-1.25329	2.51659	1.088	0.384295	1
cg04408576	CLCN7;CLCN7	0.104143	0.356807	1.1254	1.1254	0.233865	1.16832	1.16832	0.0370345	1.35235	1.35235	0.203756	0.846028	-1.18199	0.38262	0.894396	-1.11807	0.511211	0.920297	-1.08661	0.114095	0.807145	-1.23893	0.0476334	1.32625	1.32625	0.899579	1.01586	1.01586	2.51658	0.61928	0.218738	1
cg26757836	SORCS2	0.104144	0.835603	1.04614	1.04614	0.120964	0.694159	-1.44059	0.588978	0.888321	-1.12572	0.185078	1.35678	1.35678	0.0835538	1.51556	1.51556	0.726497	1.07922	1.07922	0.0237042	0.556439	-1.79714	0.74684	1.07284	1.07284	0.118638	1.44447	1.44447	2.51657	1.87833	0.663451	1
cg14133708	EMILIN2	0.104145	0.792531	0.93329	-1.07148	0.847595	0.950856	-1.05168	0.713495	1.1014	1.1014	0.398558	0.797424	-1.25404	0.174718	0.685179	-1.45947	0.511696	1.19043	1.19043	0.0656313	0.582108	-1.7179	0.0119791	2.27284	2.27284	0.233996	1.38648	1.38648	2.51657	2.73398	0.96568	1
cg08935602	C16orf59	0.104147	0.620734	1.08298	1.08298	0.0187568	1.57641	1.57641	0.219905	1.22894	1.22894	0.567064	1.09687	1.09687	0.734929	1.05581	1.05581	0.264121	1.20445	1.20445	0.025201	0.653504	-1.53021	0.516973	0.900322	-1.11071	0.372584	1.15754	1.15754	2.51655	1.01798	0.359568	1
cg10774282	SLC1A7;SLC1A7	0.104147	0.816395	0.907137	-1.10237	0.0747505	2.29738	2.29738	0.0467897	0.38525	-2.59572	0.973814	0.986339	-1.01385	0.0149994	0.285631	-3.50102	0.553259	0.777768	-1.28573	0.310001	0.643893	-1.55305	0.870893	0.934111	-1.07054	0.418582	1.41391	1.41391	2.51654	6.99882	2.47211	1
cg27435467	CLYBL	0.104148	0.246599	1.67033	1.67033	?	?	?	0.237335	1.68931	1.68931	?	?	?	0.617594	0.809021	-1.23606	?	?	?	?	?	?	0.593193	0.796857	-1.25493	0.0205254	0.298469	-3.35044	2.82552	4.30383	2.13248	1
cg01109508	ECHS1	0.104148	0.111825	0.596349	-1.67687	0.418441	1.27995	1.27995	0.0450456	1.98688	1.98688	0.616873	0.860213	-1.1625	0.473594	1.24307	1.24307	0.518349	0.822442	-1.21589	0.227717	0.685229	-1.45937	0.0215195	2.28022	2.28022	0.867283	0.951297	-1.0512	2.51653	3.5519	1.2546	1
cg13913247	SCOC	0.104149	0.195978	0.639232	-1.56438	0.0200612	0.399287	-2.50446	0.467067	1.27402	1.27402	0.403525	1.32278	1.32278	0.0737683	0.520866	-1.91988	0.211821	1.53791	1.53791	0.26869	0.68592	-1.4579	0.436046	0.77102	-1.29698	0.261361	1.46714	1.46714	2.51653	4.26828	1.50765	1
cg21908420	DUSP10;DUSP10;DUSP10	0.104149	0.813468	0.844332	-1.18437	0.0157362	0.120189	-8.32022	0.104063	0.280207	-3.5688	0.718873	0.772	-1.29534	0.165089	2.88649	2.88649	0.214024	0.391972	-2.5512	0.311914	0.4729	-2.11461	0.116688	3.38795	3.38795	0.742558	1.26612	1.26612	2.51652	20.425	7.21453	1
cg05481981	CBFA2T3;CBFA2T3	0.10415	0.645069	0.824366	-1.21305	0.844578	1.08516	1.08516	0.707173	0.854581	-1.17016	0.608334	1.24015	1.24015	0.122044	0.497642	-2.00948	0.084209	0.451351	-2.21557	0.00631723	0.227439	-4.39678	0.461323	0.731769	-1.36655	0.0590601	0.41163	-2.42937	2.51652	6.91095	2.4411	1
cg09636671	LMOD1	0.10415	0.823644	1.03258	1.03258	0.427155	0.890077	-1.1235	0.0969629	1.29908	1.29908	0.231154	0.834939	-1.19769	0.188755	1.22139	1.22139	0.40821	1.12919	1.12919	0.228209	0.833891	-1.1992	0.944873	0.990117	-1.00998	0.0109111	1.5824	1.5824	2.51651	0.822177	0.290411	1
cg11027217	ALPK1;ALPK1	0.104152	0.505788	1.28382	1.28382	0.0412763	2.38961	2.38961	0.0447709	2.34539	2.34539	0.092256	1.98523	1.98523	0.924706	1.0356	1.0356	0.0562407	2.22563	2.22563	0.41878	0.736593	-1.3576	0.932324	1.03193	1.03193	0.0362771	2.46165	2.46165	2.51649	5.45751	1.92773	1
cg00415057	SLC7A6;SLC7A6	0.104153	0.632324	1.31693	1.31693	0.487183	1.49655	1.49655	0.063575	3.29119	3.29119	0.17134	2.29739	2.29739	0.359175	0.583648	-1.71336	0.690483	0.795652	-1.25683	0.148417	0.41259	-2.42372	0.0128857	5.83262	5.83262	0.365556	1.70055	1.70055	2.51648	12.9999	4.59193	1
cg00814883	TSC22D4;TSC22D4	0.104154	0.514629	0.828828	-1.20652	0.893313	0.962595	-1.03886	0.825553	0.93921	-1.06472	0.780151	0.923578	-1.08275	0.590584	0.85701	-1.16685	0.78331	0.924667	-1.08147	0.00166401	0.278591	-3.58949	0.249746	0.710526	-1.40741	0.90314	0.966002	-1.03519	2.51647	3.21714	1.13638	1
cg00740510	MPPED1	0.104156	0.573901	1.95436	1.95436	0.00528661	0.0130889	-76.4003	0.108453	7.88562	7.88562	0.425287	2.61219	2.61219	0.553523	0.493203	-2.02756	0.32527	3.31318	3.31318	0.813761	0.757062	-1.3209	0.719438	1.5302	1.5302	0.962	1.0578	1.0578	2.51645	55.4313	19.5801	1
cg04418150	SAFB;SAFB2	0.104158	0.198045	1.168	1.168	0.280382	1.13665	1.13665	0.00668705	1.4942	1.4942	0.647023	1.05404	1.05404	0.434288	0.912956	-1.09534	0.257631	1.14436	1.14436	0.212886	0.860923	-1.16154	0.614053	0.943607	-1.05976	0.495185	0.923985	-1.08227	2.51643	0.519301	0.183435	1
cg19465320	STAT5B	0.104159	0.0611472	0.222214	-4.50016	0.0982061	0.274468	-3.64341	0.158217	0.341177	-2.93103	0.214176	0.393664	-2.54024	0.0406846	0.185535	-5.38981	0.133508	0.315473	-3.16984	0.0249958	0.1494	-6.69345	0.0254293	0.150553	-6.6422	0.188184	0.370088	-2.70206	2.51642	20.2516	7.15359	1
cg08739648	LMX1A;LMX1A;LMX1A	0.10416	0.330262	1.40644	1.40644	0.332707	1.40387	1.40387	0.394705	0.743837	-1.34438	0.0271332	0.411507	-2.43009	0.0787026	0.515351	-1.94042	0.328413	1.40839	1.40839	0.138145	0.581604	-1.71938	0.144917	1.70144	1.70144	0.907649	1.04018	1.04018	2.51641	4.59302	1.62243	1
cg27333977	LOC493754	0.10416	0.952373	0.98695	-1.01322	0.92618	1.02059	1.02059	0.897335	1.0288	1.0288	0.0708069	1.55889	1.55889	0.779503	1.06367	1.06367	0.397074	1.21011	1.21011	0.0128904	1.97197	1.97197	0.0402136	0.593745	-1.68423	0.690225	1.0921	1.0921	2.51641	1.9277	0.680936	1
cg16198692	CDO1	0.104162	0.40074	0.649322	-1.54007	0.0572705	0.33967	-2.94403	0.143881	2.1997	2.1997	0.790942	0.875128	-1.14269	0.0925213	0.394772	-2.53311	0.077208	0.372925	-2.68151	0.0378529	0.298524	-3.34982	0.0750455	0.369617	-2.7055	0.636167	0.787224	-1.27029	2.51639	10.0453	3.54841	1
cg11292721	TARSL2	0.104163	0.842365	0.877024	-1.14022	0.0186629	6.54681	6.54681	0.0568422	4.13908	4.13908	0.23371	2.27684	2.27684	0.217773	0.425513	-2.3501	0.397265	1.77046	1.77046	0.0920322	3.39485	3.39485	0.0916812	3.40023	3.40023	0.205683	2.41051	2.41051	2.51637	17.3091	6.11431	1
cg24890286	HIPK2;HIPK2	0.104166	0.382819	0.841812	-1.18791	0.442443	0.860118	-1.16263	0.437881	1.16446	1.16446	0.328716	0.823689	-1.21405	0.814546	1.04625	1.04625	0.386795	0.843081	-1.18613	0.00579433	2.00462	2.00462	0.218697	1.28263	1.28263	0.297045	1.23123	1.23123	2.51634	1.47539	0.521178	1
cg05400670	STARD8;STARD8	0.104168	0.25987	0.488711	-2.0462	0.0103395	0.139747	-7.15577	0.562635	0.700069	-1.42843	0.874855	0.90845	-1.10078	0.221585	0.457179	-2.18733	0.024644	0.195906	-5.10449	0.42023	0.605523	-1.65146	0.500276	0.659146	-1.51711	0.204859	2.25906	2.25906	2.51632	14.79	5.22454	1
cg12922093	DFNA5;DFNA5;DFNA5	0.104169	0.777161	0.91179	-1.09674	0.0437083	2.12671	2.12671	0.0196971	2.50126	2.50126	0.986046	0.994324	-1.00571	0.0628771	0.506079	-1.97598	0.893447	0.957323	-1.04458	0.653637	1.15835	1.15835	0.506737	0.803138	-1.24512	0.376997	0.744507	-1.34317	2.51631	4.22111	1.49111	1
cg14027907	ZNF285A	0.104173	0.0270558	1.7574	1.7574	0.961299	1.01051	1.01051	0.139949	1.40792	1.40792	0.117702	1.44197	1.44197	0.52524	1.14876	1.14876	0.833383	0.955635	-1.04643	0.152928	0.719108	-1.39061	0.0736908	1.53651	1.53651	0.0577602	1.58753	1.58753	2.51628	1.8494	0.653311	1
cg08623942	SMURF1;SMURF1	0.104175	0.0534205	0.547313	-1.82711	0.0324385	0.502623	-1.98956	0.814851	0.937589	-1.06657	0.855208	0.951056	-1.05146	0.0127031	0.427074	-2.34151	0.118658	0.627918	-1.59257	0.374562	0.778499	-1.28452	0.531728	1.19008	1.19008	0.969561	1.01054	1.01054	2.51625	3.00772	1.0625	1
cg24925400	PITX2;PITX2	0.104176	0.578608	0.845527	-1.18269	0.029051	2.15861	2.15861	0.0809975	1.78358	1.78358	0.699681	0.890543	-1.12291	0.530625	1.20921	1.20921	0.714392	0.895902	-1.11619	0.0482891	0.509206	-1.96384	0.561996	0.839166	-1.19166	0.126646	1.63909	1.63909	2.51624	3.56443	1.25917	1
cg04833630	HCCA2;CTSD	0.104181	0.793342	0.947105	-1.05585	0.0403387	0.612477	-1.63271	0.0553147	0.637846	-1.56778	0.462912	0.856701	-1.16727	0.0149433	0.538238	-1.85792	0.461418	1.16789	1.16789	0.519486	1.14472	1.14472	0.496784	0.866913	-1.15352	0.463098	1.16719	1.16719	2.51619	1.70745	0.603188	1
cg25032963	NALCN	0.104186	0.413442	0.800028	-1.24996	0.927375	0.975967	-1.02462	0.0144862	0.447596	-2.23416	0.523359	0.841487	-1.18837	0.224569	0.711479	-1.40552	0.28437	0.743227	-1.34548	0.529346	1.18535	1.18535	0.0300074	1.97614	1.97614	0.853666	0.951926	-1.0505	2.51614	2.83748	1.00241	1
cg22187630	CACNA1A;CACNA1A	0.104186	0.422988	1.32969	1.32969	0.433393	1.32093	1.32093	0.27712	1.48224	1.48224	0.23108	1.54866	1.54866	0.66646	0.859867	-1.16297	0.00709669	3.35717	3.35717	0.249246	0.657513	-1.52088	0.807487	0.918513	-1.08872	0.0601315	2.09235	2.09235	2.51613	4.83086	1.70663	1
cg13699808	ZMYND8;ZMYND8;ZMYND8	0.104187	0.324863	0.615189	-1.62552	0.28545	1.69919	1.69919	0.265893	1.7402	1.7402	0.141731	2.1276	2.1276	0.630857	0.793453	-1.26031	0.0878527	2.46014	2.46014	0.621737	0.788474	-1.26827	0.00814197	5.04613	5.04613	0.265027	1.7421	1.7421	2.51613	9.09986	3.21477	1
cg09153713	SLC44A4	0.104188	0.128147	0.53574	-1.86658	0.377425	0.709163	-1.41011	0.346002	0.691934	-1.44522	0.697337	0.862168	-1.15987	0.0110921	0.298658	-3.34831	0.0509488	0.430121	-2.32493	0.0180463	0.336224	-2.97421	0.742834	0.882555	-1.13307	0.21549	0.609758	-1.63999	2.51612	5.73794	2.02709	1
cg08937562	STX5	0.104188	0.629091	1.28326	1.28326	0.418311	1.52776	1.52776	0.796247	1.14179	1.14179	0.0423623	3.31369	3.31369	0.00708672	0.168145	-5.94725	0.856762	1.09701	1.09701	0.921006	0.950441	-1.05214	0.482898	0.693905	-1.44112	0.851955	1.10047	1.10047	2.51611	10.4639	3.69669	1
cg27497354	RNF213	0.104189	0.047615	0.661033	-1.51278	0.995467	0.998962	-1.00104	0.437264	0.865196	-1.15581	0.780647	0.950268	-1.05233	0.00657797	0.524731	-1.90574	0.8611	1.03252	1.03252	0.757653	0.945014	-1.05819	0.127321	0.739861	-1.35161	0.0613532	0.680329	-1.46988	2.5161	1.33054	0.470054	1
cg20509095	GABPB1;GABPB1;FLJ10038;GABPB1;GABPB1;LOC100129387;GABPB1	0.104191	0.0141372	0.370341	-2.70021	0.712004	1.12934	1.12934	0.353728	0.731253	-1.36752	0.191053	0.635005	-1.57479	?	?	?	0.0508852	2.07425	2.07425	0.605932	0.843068	-1.18614	0.597883	1.19077	1.19077	0.970489	1.01221	1.01221	2.54301	3.85231	1.51486	1
cg20809087	BRUNOL6;BRUNOL6	0.104192	0.0258845	0.625875	-1.59776	0.295615	1.21184	1.21184	0.824541	1.04012	1.04012	0.183206	0.778652	-1.28427	0.255255	0.810241	-1.2342	0.031486	0.639601	-1.56347	0.402478	0.859166	-1.16392	0.141429	0.755672	-1.32333	0.277688	1.2214	1.2214	2.51607	1.2507	0.441854	1
cg19031384	GALNT10	0.104192	0.77142	0.909744	-1.09921	0.535594	0.8157	-1.22594	0.454896	0.781015	-1.28038	0.666845	0.86881	-1.151	0.197362	1.55659	1.55659	0.69362	1.1372	1.1372	0.00373322	3.56675	3.56675	0.349531	0.731467	-1.36712	0.766527	1.10152	1.10152	2.51607	4.20173	1.48441	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg19656686	CSNK1D;CSNK1D	0.104193	0.246446	1.27661	1.27661	0.0899764	1.45723	1.45723	0.0232199	1.7275	1.7275	0.0402441	1.61202	1.61202	0.097698	1.4421	1.4421
cg13451471	OLA1;OLA1	0.104195	0.121635	0.630857	-1.58514	0.750332	0.916091	-1.0916	0.248036	0.717831	-1.39309	0.238522	1.40342	1.40342	0.036112	0.512177	-1.95245
cg13496323	HMCN1	0.104199	0.00618285	0.481802	-2.07554	0.214111	1.30668	1.30668	0.854594	1.03823	1.03823	0.665878	1.09291	1.09291	0.565702	1.12608	1.12608
cg04786330	C12orf11;FGFR1OP2;FGFR1OP2	0.104202	0.154718	0.620999	-1.61031	0.908775	1.0365	1.0365	0.517964	1.22754	1.22754	0.6615	0.871262	-1.14776	0.00483036	0.310586	-3.21972
cg16862791	L3MBTL;L3MBTL	0.104202	0.60914	0.930216	-1.07502	0.604672	0.92936	-1.07601	0.915553	0.985231	-1.01499	0.919159	1.01434	1.01434	0.782475	1.03959	1.03959
cg11847459	MBIP;MBIP	0.104203	0.623224	1.0613	1.0613	0.279727	1.14456	1.14456	0.530227	0.926446	-1.07939	0.902857	1.01478	1.01478	0.358581	1.12012	1.12012
cg04904245	RPL41;RPL41	0.104204	0.412769	0.827284	-1.20878	0.0430113	1.69428	1.69428	0.0114206	2.04793	2.04793	0.746152	1.07632	1.07632	0.948656	1.01469	1.01469
cg23288973	TRPC7;TRPC7;TRPC7;TRPC7;TRPC7;TRPC7	0.104205	0.361005	1.20222	1.20222	0.48872	1.14792	1.14792	0.260577	1.25878	1.25878	0.172949	1.32902	1.32902	0.652858	1.09287	1.09287
cg25207224	HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMGA1	0.104206	0.504019	0.791491	-1.26344	0.0570115	0.475836	-2.10156	0.0612034	0.483128	-2.06984	0.941892	0.975173	-1.02546	0.264593	0.669658	-1.4933
cg19394923	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.10421	0.197823	0.829557	-1.20546	0.00598774	1.63749	1.63749	0.958999	1.00708	1.00708	0.180415	0.822614	-1.21564	0.928711	0.987791	-1.01236
cg26691533	RIMBP2	0.104211	0.774698	0.941085	-1.0626	0.0651474	1.54977	1.54977	0.466249	0.854809	-1.16985	0.910624	0.976521	-1.02404	0.21938	0.760884	-1.31426
cg27007513	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.104211	0.290377	1.2954	1.2954	0.918358	1.02448	1.02448	0.543757	0.865065	-1.15598	0.619054	1.1255	1.1255	0.690216	0.909831	-1.0991
cg14214914	CRAT;CRAT	0.104216	0.184193	0.788611	-1.26805	0.016882	0.611769	-1.6346	0.177559	0.785393	-1.27325	0.501093	0.891258	-1.12201	0.455929	0.879839	-1.13657
cg24202485	NKD2	0.104216	0.0183414	0.697158	-1.43439	0.0395778	0.740816	-1.34986	0.280243	0.868082	-1.15197	0.0432453	0.745975	-1.34053	0.544938	0.925684	-1.08028
cg27264484	ZDHHC1	0.104218	0.0388024	0.753903	-1.32643	0.768193	1.03551	1.03551	0.141778	1.20505	1.20505	0.168173	0.840796	-1.18935	0.204861	0.853892	-1.17111
cg04574592	DNAJB14;DNAJB14	0.104219	0.640574	0.924252	-1.08196	0.138804	0.765735	-1.30593	0.844791	0.9677	-1.03338	0.242895	0.814882	-1.22717	0.45511	0.880344	-1.13592
cg00136105	GNPTAB	0.104222	0.319404	1.27293	1.27293	0.943538	0.983525	-1.01675	0.0671562	1.618	1.618	0.747326	0.926991	-1.07876	0.899358	0.970761	-1.03012
cg14864852	GTPBP1	0.104224	0.0608217	1.35846	1.35846	0.754074	0.955467	-1.04661	0.1778	1.2307	1.2307	0.314681	1.16267	1.16267	0.543962	1.09312	1.09312
cg02042698	ASB11;ASB11	0.104224	0.395906	1.22422	1.22422	0.284143	1.29551	1.29551	0.0773087	0.633193	-1.5793	0.124938	0.679437	-1.47181	0.0129035	0.487589	-2.05091
cg04682905	FBXL18	0.104224	0.14917	0.618299	-1.61734	0.485331	0.802217	-1.24654	0.126818	0.598528	-1.67077	0.0711575	0.534462	-1.87104	0.00412986	0.30258	-3.30491
cg16891104	UPK3A;UPK3A	0.104225	0.395207	0.731965	-1.36618	0.351708	1.40977	1.40977	0.0259316	2.57902	2.57902	0.26918	1.51036	1.51036	0.917207	0.963426	-1.03796
cg10148280	HPS3	0.104225	0.0249215	0.357458	-2.79753	0.365745	0.698932	-1.43076	0.0916574	0.488762	-2.04599	0.0714196	0.460213	-2.17291	0.0424964	0.406387	-2.46071
cg04209315	SPATA2;SPATA2	0.104229	0.552953	0.962834	-1.0386	0.44512	0.95207	-1.05034	0.077488	1.13182	1.13182	0.493181	0.957037	-1.04489	0.0629751	0.876352	-1.14109
cg12314713	IGF2BP1;IGF2BP1	0.10423	0.627097	0.614321	-1.62781	0.316984	2.79974	2.79974	0.304167	2.88377	2.88377	0.342412	0.377754	-2.64722	0.501992	0.507566	-1.97019
cg00252934	DCLK3	0.104232	0.280098	0.643338	-1.55439	0.155226	0.550177	-1.8176	0.0258758	0.35374	-2.82693	0.541569	0.784459	-1.27476	0.039174	0.391577	-2.55378
cg17462109	ST3GAL1;ST3GAL1	0.104235	0.890292	1.02856	1.02856	0.160366	0.736359	-1.35803	0.501458	0.870036	-1.14938	0.141626	0.724338	-1.38057	0.0678986	0.658843	-1.51781
cg17053871	CEP250	0.104236	0.16017	0.757614	-1.31993	0.111083	0.725348	-1.37865	0.0672621	0.684302	-1.46134	0.796426	0.953303	-1.04898	0.0101325	0.548803	-1.82215
cg00444341	JAKMIP3	0.104237	0.212206	0.771146	-1.29677	0.176352	1.3288	1.3288	0.123223	0.718756	-1.39129	0.459687	1.16053	1.16053	0.28655	0.803426	-1.24467
cg24608144	ZBTB46	0.104241	0.424337	1.28842	1.28842	0.769831	0.912901	-1.09541	0.591235	1.18339	1.18339	0.698755	0.886224	-1.12838	0.891449	0.958477	-1.04332
cg27154510	LLGL1	0.104242	0.036286	0.703922	-1.42061	0.802327	1.03684	1.03684	0.544133	0.915259	-1.09259	0.938441	1.0112	1.0112	0.279983	0.850457	-1.17584
cg27590742	COL11A2;COL11A2;COL11A2	0.104242	0.0118846	0.486131	-2.05706	0.200775	1.36397	1.36397	0.0536931	0.604561	-1.65409	0.188569	0.726145	-1.37714	0.512107	1.16501	1.16501
cg06991300	QRFPR	0.104244	0.488737	0.471183	-2.12232	0.454415	0.442512	-2.25983	0.636061	0.600483	-1.66533	0.686827	0.648144	-1.54287	0.125664	0.169797	-5.88937
cg21163765	GABRR2	0.104247	0.649658	1.05921	1.05921	0.201741	1.18479	1.18479	0.102228	0.798552	-1.25227	0.989696	1.00163	1.00163	0.499388	1.09007	1.09007
cg03648611	ZNF646	0.104251	0.00376438	0.33788	-2.95963	0.822592	1.0643	1.0643	0.274388	0.729366	-1.37105	0.363569	1.29576	1.29576	0.727731	0.907571	-1.10184
cg03715305	NDUFA11	0.104252	0.0159546	0.576132	-1.73571	0.0317013	0.624622	-1.60097	0.73632	0.938798	-1.06519	0.0933527	0.708289	-1.41185	0.128221	0.735444	-1.35972
cg15809959	SRCIN1	0.104254	0.19313	2.09639	2.09639	0.00583357	6.96071	6.96071	0.312445	1.75349	1.75349	0.925783	1.05135	1.05135	0.250916	1.90558	1.90558
cg01644741	MIR1259;SNORD12B;C20orf199;C20orf199;SNORD12;C20orf199	0.104254	0.800236	0.874673	-1.14328	0.601351	1.321	1.321	0.104476	2.55288	2.55288	0.506861	1.42709	1.42709	0.00333129	8.25075	8.25075
cg16746471	KIAA1324L	0.104254	0.77686	0.932017	-1.07294	0.00276806	2.78053	2.78053	0.575951	1.15029	1.15029	0.440084	1.21543	1.21543	0.712469	0.912361	-1.09606
cg25738301	NFYB	0.104256	0.0585704	3.36001	3.36001	0.0271705	4.40618	4.40618	0.760294	1.18953	1.18953	0.0361945	3.98102	3.98102	0.174191	0.440485	-2.27022
cg22957381	KCND3;KCND3	0.104257	0.496539	0.852957	-1.17239	0.392563	1.22359	1.22359	0.458581	0.840403	-1.1899	0.10946	0.668946	-1.49489	0.137235	0.691581	-1.44596
cg11468148	DIP2C	0.104258	0.5769	1.41772	1.41772	0.0286117	4.94925	4.94925	0.637773	1.34136	1.34136	0.0718727	3.47084	3.47084	0.0787173	3.35087	3.35087
cg23877786	RPL13;SNORD68;RPL13	0.104258	0.717096	1.08358	1.08358	0.0652273	0.633434	-1.5787	0.0362923	1.71079	1.71079	0.573279	0.882017	-1.13376	0.572201	1.13417	1.13417
cg11847636	FCGRT;FCGRT	0.10426	0.43002	1.24257	1.24257	0.419559	1.24902	1.24902	0.0445276	0.536862	-1.86268	0.199441	0.693833	-1.44127	0.775238	1.08024	1.08024
cg08599448	ACP5;ACP5;ACP5;ACP5	0.10426	0.0294204	14.4727	14.4727	0.0326161	13.5344	13.5344	0.227643	3.74126	3.74126	0.161249	4.75287	4.75287	0.147276	5.05395	5.05395
cg26094984	HECW2	0.104261	0.500032	0.847796	-1.17953	0.337538	1.2693	1.2693	0.493421	1.18264	1.18264	0.631343	0.889939	-1.12367	0.886847	0.966243	-1.03494
cg18717447	FAM122B;FAM122C;FAM122B;FAM122B;FAM122B;FAM122B;FAM122B;FAM122B	0.104262	0.0834564	0.483151	-2.06975	0.00405834	0.231134	-4.3265	?	?	?	0.724946	0.874486	-1.14353	0.313509	0.673167	-1.48551
cg12588256	FBXL3	0.104263	0.637848	0.788065	-1.26893	0.948221	1.03316	1.03316	0.899168	1.06575	1.06575	0.202511	1.9658	1.9658	0.00408099	0.144254	-6.93222
cg11832534	WDR8	0.104265	0.342252	0.803349	-1.24479	0.12812	0.692067	-1.44495	0.0198824	0.533104	-1.87581	0.53223	1.15208	1.15208	0.0171041	0.521841	-1.91629
cg16472369	ARRB2;ARRB2	0.104266	0.64703	0.81908	-1.22088	0.128153	0.490681	-2.03798	0.035921	0.347684	-2.87618	0.0297094	0.330321	-3.02735	0.247725	0.592663	-1.6873
cg15759897	TAF4	0.104266	0.589952	1.08424	1.08424	0.324901	0.859735	-1.16315	0.162595	1.2481	1.2481	0.435865	0.888533	-1.12545	0.831582	0.968834	-1.03217
cg09696359	SYNM;SYNM	0.104268	0.318391	1.3445	1.3445	0.0451694	1.93416	1.93416	0.0405579	1.97166	1.97166	0.995975	0.998553	-1.00145	0.0747781	0.565698	-1.76773
cg07920503	FAM123A;FAM123A	0.104269	0.187462	0.759302	-1.317	0.202175	1.30398	1.30398	0.0167986	1.77739	1.77739	0.233813	1.27893	1.27893	0.193778	1.31129	1.31129
cg20060474	KCNAB2;KCNAB2	0.104269	0.13093	0.707209	-1.41401	0.60557	1.117	1.117	0.14326	0.715967	-1.39671	0.519136	0.870387	-1.14891	0.0382384	0.600417	-1.66551
cg01003793	HS2ST1;HS2ST1	0.104269	0.122911	1.73334	1.73334	0.0181705	0.38912	-2.5699	0.412259	1.3177	1.3177	0.92829	0.970812	-1.03007	0.490666	1.2591	1.2591
cg05137680	LOC389333	0.10427	0.0709164	7.18749	7.18749	0.0203459	15.3879	15.3879	0.10457	5.66426	5.66426	0.2724	3.05472	3.05472	0.0518201	8.69768	8.69768
cg03519577	RASSF2;RASSF2	0.104276	0.580576	1.1276	1.1276	0.00903551	0.489623	-2.04239	0.175181	0.733257	-1.36378	0.0990229	0.677616	-1.47576	0.255434	0.77454	-1.29109
cg03662467	C18orf25;C18orf25	0.104279	0.0812417	1.20533	1.20533	0.163657	1.15445	1.15445	0.199359	1.13998	1.13998	0.386564	1.08954	1.08954	0.0203742	1.31011	1.31011
cg09206294	MAPKBP1;MAPKBP1	0.104279	0.348915	1.37415	1.37415	0.126238	1.72508	1.72508	0.179458	1.59996	1.59996	0.172844	1.61307	1.61307	0.0245361	2.41786	2.41786
cg09297636	IHH	0.104279	0.426838	0.696301	-1.43616	0.0113411	4.11399	4.11399	0.728734	0.856133	-1.16804	0.344427	0.647601	-1.54416	0.129677	0.481722	-2.07589
cg19887293	COL11A2;COL11A2;COL11A2	0.10428	0.491399	1.23503	1.23503	0.601528	1.17251	1.17251	0.0450226	0.499196	-2.00322	0.977174	1.00868	1.00868	0.957208	1.01634	1.01634
cg18132851	ESR1	0.104281	0.0758984	3.15967	3.15967	0.757412	0.834899	-1.19775	0.345646	0.567985	-1.76061	0.302056	1.86392	1.86392	0.0247506	0.210798	-4.74387
cg13901526	GYPC;GYPC	0.104281	0.0867807	0.268636	-3.72251	0.0549575	0.220399	-4.53722	0.0843463	3.76894	3.76894	0.0575707	0.224864	-4.44713	0.0705264	0.245491	-4.07347
cg20099830	TBX5;TBX5;TBX5;TBX5	0.104283	0.169137	0.308741	-3.23897	0.331253	2.23504	2.23504	0.441506	1.87696	1.87696	0.14482	0.284685	-3.51266	0.172395	0.311861	-3.20656
cg05674466	FBXL22	0.104283	0.674497	1.09682	1.09682	0.463759	0.849461	-1.17722	0.370542	0.81777	-1.22284	0.898158	0.972374	-1.02841	0.0136247	1.94972	1.94972
cg17821079	ADSS	0.104283	0.850331	1.02469	1.02469	0.0830738	1.28119	1.28119	0.21726	1.1825	1.1825	0.455332	1.10317	1.10317	0.248417	1.1686	1.1686
cg23759554	ANKRD52	0.104284	0.591993	0.744377	-1.34341	0.758538	1.18323	1.18323	0.202892	0.48023	-2.08233	0.389533	1.61793	1.61793	0.0310791	0.251348	-3.97855
cg18234130	PTK2B;PTK2B;PTK2B;PTK2B	0.104284	0.0552281	0.265198	-3.77076	0.0931536	3.08951	3.08951	0.340454	1.82206	1.82206	0.238894	0.470812	-2.12399	0.105433	0.339492	-2.94558
cg24881471	CDK3	0.104285	0.777158	1.07266	1.07266	0.356147	0.790881	-1.26441	0.0400854	0.55632	-1.79753	0.217675	1.37791	1.37791	0.0524624	0.579782	-1.72479
cg08005604	LRCH1;LRCH1;LRCH1	0.104286	0.127495	0.302881	-3.30163	0.496694	0.606428	-1.649	0.692962	1.33325	1.33325	0.107828	0.280343	-3.56707	0.857913	0.878198	-1.1387
cg07588102	BAT3;BAT3;BAT3;BAT3	0.104286	0.9884	1.00353	1.00353	0.252292	1.33642	1.33642	0.979159	0.993686	-1.00635	0.122556	1.50045	1.50045	0.170571	1.4246	1.4246
cg18037230	C19orf40;CCDC123	0.104289	0.708556	0.947622	-1.05527	0.251532	1.18725	1.18725	0.0041281	1.73514	1.73514	0.380361	1.1376	1.1376	0.367754	1.14174	1.14174
cg09243824	EHD2	0.104289	0.873104	0.924785	-1.08133	0.836398	1.10645	1.10645	0.0119476	0.215585	-4.63855	0.0347095	0.299883	-3.33464	0.033122	0.295636	-3.38254
cg20068463	PDIA4	0.104289	0.5581	1.14359	1.14359	0.102352	0.667004	-1.49924	0.790651	1.06212	1.06212	0.0304653	0.562082	-1.7791	0.00773487	0.460706	-2.17058
cg06777853	MNAT1	0.10429	0.842099	1.02582	1.02582	0.571612	0.929543	-1.0758	0.300353	1.14702	1.14702	0.318466	1.14086	1.14086	0.381459	1.12157	1.12157
cg03315247	PARP14	0.10429	0.596416	1.13611	1.13611	0.0737391	0.621276	-1.60959	0.869639	0.96154	-1.04	0.26884	0.759587	-1.3165	0.418013	0.820689	-1.21849
cg21081878	HLCS	0.104291	0.297141	0.537242	-1.86136	0.0605676	0.296334	-3.37457	0.0989272	0.353486	-2.82897	0.166886	2.33284	2.33284	0.0945662	0.347761	-2.87554
cg16335926	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.104295	0.553116	0.87307	-1.14538	0.120296	1.46411	1.46411	0.453701	1.18848	1.18848	0.605531	0.888813	-1.1251	0.29441	1.27894	1.27894
cg01331810	GRM3	0.104296	0.672048	1.2566	1.2566	0.0161408	4.84946	4.84946	0.0270913	4.06955	4.06955	0.799366	1.14639	1.14639	0.224548	0.504428	-1.98244
cg04250608	HSD3B1	0.104296	0.0699904	0.344963	-2.89886	0.0252224	0.247065	-4.04752	0.13487	0.428784	-2.33218	0.840104	0.89931	-1.11196	0.0448528	0.298314	-3.35217
cg07510314	FILIP1	0.104297	0.0548607	0.325754	-3.0698	0.980289	1.01281	1.01281	0.298946	0.574333	-1.74115	0.0302334	0.269157	-3.7153	0.0183925	0.229146	-4.36403
cg15859496	WSB2	0.104299	0.218902	0.450268	-2.2209	0.0152003	0.158823	-6.29632	0.0687059	0.284422	-3.5159	0.851028	0.89046	-1.12302	0.020675	0.179169	-5.58131
cg18739166	LRRN1	0.1043	0.066267	0.296269	-3.37531	0.411065	0.608733	-1.64276	0.749072	1.20866	1.20866	0.367937	0.579189	-1.72655	0.0497435	0.266669	-3.74997
cg00308697	SNORD116-20;SNORD116-17;SNORD116-19	0.104301	0.0419971	0.525102	-1.90439	0.343658	0.76479	-1.30755	0.13031	1.567	1.567	0.604256	0.866123	-1.15457	0.255867	0.721775	-1.38547
cg14211415	TMEM131	0.104302	0.0333851	0.809829	-1.23483	0.125456	0.868752	-1.15108	0.847241	1.0165	1.0165	0.335765	1.08786	1.08786	0.259547	0.905026	-1.10494
cg05949903	RRN3P1	0.104305	0.716591	0.91906	-1.08807	0.295439	1.28556	1.28556	0.100766	1.51612	1.51612	0.052941	1.66402	1.66402	0.16005	1.41554	1.41554
cg18650307	DCAF16	0.104307	0.0516342	0.421956	-2.36992	0.136925	0.535741	-1.86657	0.865521	1.06825	1.06825	0.19536	1.70485	1.70485	0.262508	0.634396	-1.5763
cg15068357	SMOC2;SMOC2	0.104308	0.887417	1.01842	1.01842	0.22448	0.848391	-1.1787	0.123246	0.806425	-1.24004	0.238367	0.852884	-1.17249	0.472199	0.910079	-1.09881
cg18848917	SEC24B;SEC24B	0.104311	0.416353	0.869409	-1.15021	0.0234582	0.633806	-1.57777	0.440959	1.14155	1.14155	0.0805872	1.38607	1.38607	0.124347	1.32356	1.32356
cg00984715	PPARA;PPARA	0.104313	0.0334242	0.793091	-1.26089	0.545183	0.944489	-1.05877	0.392778	1.08508	1.08508	0.481669	1.06898	1.06898	0.275083	0.899504	-1.11172
cg04267164	TULP2	0.104313	0.900073	0.978792	-1.02167	0.206628	0.796694	-1.25519	0.440471	0.874383	-1.14366	0.323024	1.19027	1.19027	0.78594	1.04755	1.04755
cg20928974	TNXB	0.104315	0.115813	0.45239	-2.21048	0.338766	1.58023	1.58023	0.0559524	0.366133	-2.73125	0.308921	0.613447	-1.63013	0.0279551	0.299667	-3.33704
cg03962794	RPS6KA2	0.104315	0.399849	1.40279	1.40279	0.0367023	2.59397	2.59397	0.13464	1.88412	1.88412	0.142197	0.538137	-1.85826	0.387612	0.706263	-1.4159
cg14646974	HSD17B7P2	0.104317	0.247085	0.31316	-3.19326	?	?	?	0.201309	3.64952	3.64952	0.158688	0.235666	-4.24329	0.428638	0.460617	-2.171
cg06555661	SFRS8	0.104317	0.767919	1.09212	1.09212	0.0458038	0.505722	-1.97737	0.0117549	0.391749	-2.55266	0.307129	1.37002	1.37002	0.546588	1.19923	1.19923
cg08612467	NGFR	0.104319	0.629563	1.0878	1.0878	0.591592	1.09832	1.09832	0.0688436	1.42275	1.42275	0.306603	1.20115	1.20115	0.615826	1.09155	1.09155
cg09766383	GPR63;GPR63;GPR63;GPR63	0.104319	0.916095	0.983994	-1.01627	0.504243	0.90144	-1.10934	0.181535	1.24254	1.24254	0.924947	1.01453	1.01453	0.134501	0.781085	-1.28027
cg23561148	SLC39A6	0.10432	0.177096	0.544302	-1.83722	0.0197341	0.303056	-3.29972	0.129416	0.499251	-2.003	0.896734	0.946434	-1.0566	0.0254775	0.324439	-3.08225
cg08711867	RNF2	0.10432	0.0657732	0.407493	-2.45403	0.122024	2.07249	2.07249	0.661702	0.825764	-1.211	0.678604	1.19863	1.19863	0.112053	0.471257	-2.12198
cg02964031	COL14A1	0.104322	0.100639	4.57899	4.57899	0.631623	1.50485	1.50485	0.805265	1.23243	1.23243	0.955751	1.04807	1.04807	0.410001	0.490242	-2.03981
cg02385710	ZNHIT2	0.104323	0.186715	1.21428	1.21428	0.194955	1.20945	1.20945	0.0563187	1.34956	1.34956	0.898033	0.982373	-1.01794	0.153052	1.23646	1.23646
cg14282137	LIMS2;LIMS2;LIMS2	0.104325	0.905498	1.06384	1.06384	0.885199	1.07818	1.07818	0.55861	0.734762	-1.36098	0.717094	0.827285	-1.20877	0.446565	0.667477	-1.49818
cg10406295	SFRP1	0.104325	0.35802	0.698351	-1.43194	0.573288	1.24131	1.24131	0.490334	1.30492	1.30492	0.257085	1.56718	1.56718	0.26486	0.643136	-1.55488
cg25485956	ZCCHC24	0.104327	0.0944474	3.70171	3.70171	0.090499	3.77316	3.77316	0.49969	0.613977	-1.62873	0.265298	2.28528	2.28528	0.674837	0.740532	-1.35038
cg05921699	CD79A;CD79A	0.104327	0.0331121	0.0993421	-10.0662	0.257704	0.334601	-2.98864	0.137631	0.227176	-4.40187	0.285055	0.357272	-2.79899	0.0520525	0.128917	-7.75691
cg11200367	VPS52;RPS18	0.104329	0.87739	1.0373	1.0373	0.0151019	2.03043	2.03043	0.9489	1.01532	1.01532	0.0523693	1.68764	1.68764	0.199975	0.725315	-1.37871
cg17148503	PDE7B	0.104329	0.527659	0.725531	-1.3783	0.0468599	0.319546	-3.12944	0.232239	0.533573	-1.87416	0.258133	1.80695	1.80695	0.0481534	0.322266	-3.10303
cg02306654	PTPRN2;PTPRN2;PTPRN2	0.104332	0.180864	0.770968	-1.29707	0.0219795	0.604671	-1.65379	0.864113	0.969126	-1.03186	0.398883	0.853744	-1.17131	0.0728105	0.693224	-1.44254
cg15027815	PTPN7	0.104333	0.403055	0.800455	-1.24929	0.107947	0.633673	-1.5781	0.0601629	0.576111	-1.73578	0.269582	0.741529	-1.34856	0.809323	0.939057	-1.0649
cg23955575	AGAP3	0.104333	0.1698	1.52285	1.52285	0.016775	2.31523	2.31523	0.0163161	2.32702	2.32702	0.100261	1.67851	1.67851	0.889363	0.960758	-1.04084
cg20668546	GFAP;GFAP	0.104336	0.0544062	0.243523	-4.10638	0.221005	0.434901	-2.29937	0.463429	0.616932	-1.62092	0.187586	0.405019	-2.46902	0.00619454	0.099254	-10.0752
cg10623334	INO80	0.104337	0.0704227	0.467243	-2.14021	0.73963	0.882052	-1.13372	0.459556	0.75325	-1.32758	0.396359	0.721211	-1.38656	0.00375135	0.229384	-4.35951
cg14980020	DCST2	0.10434	0.553357	0.849771	-1.17679	0.977233	1.00778	1.00778	0.0177267	0.457068	-2.18786	0.190803	0.686544	-1.45657	0.141937	0.651365	-1.53524
cg07037963	SLC22A7;SLC22A7	0.104341	0.33265	0.671208	-1.48985	0.0355255	0.376694	-2.65467	0.19648	0.579952	-1.72428	0.619244	1.2212	1.2212	0.0492004	0.408362	-2.44881
cg08336315	TRERF1	0.104341	0.155374	0.753274	-1.32754	0.810711	0.956271	-1.04573	0.0372756	1.56911	1.56911	0.175708	1.30776	1.30776	0.580147	0.901114	-1.10974
cg00133624	EFCAB4B;EFCAB4B	0.104347	0.078388	0.271155	-3.68793	0.0440288	0.213406	-4.68591	0.0361481	0.196641	-5.08541	0.0934007	0.291787	-3.42716	0.0278675	0.176457	-5.66712
cg19159011	IKZF1	0.104349	0.885831	0.951101	-1.05141	0.966305	1.01485	1.01485	0.0650256	0.485304	-2.06057	0.834336	1.07582	1.07582	0.334479	1.41532	1.41532
cg03766373	KRT83	0.10435	0.637098	1.09347	1.09347	0.274984	1.2381	1.2381	0.115065	0.72455	-1.38017	0.137274	1.35117	1.35117	0.0868118	0.700718	-1.42711
cg25246084	KDM4B	0.10435	0.125758	0.463248	-2.15867	0.971401	1.01679	1.01679	0.443876	1.437	1.437	0.37245	0.653583	-1.53003	0.119564	0.456359	-2.19126
cg21286173	PPAPDC1B	0.104351	0.958012	1.01166	1.01166	0.0694134	0.639418	-1.56392	0.858922	0.961585	-1.03995	0.0753754	1.54632	1.54632	0.0151842	0.518587	-1.92832
cg00987379	ZNF395	0.104352	0.686794	0.944358	-1.05892	0.00468475	1.70053	1.70053	0.518677	0.911732	-1.09681	0.272558	0.851043	-1.17503	0.914151	1.01535	1.01535
cg20223754	ARHGEF10	0.104353	0.434588	1.19453	1.19453	0.311086	1.26322	1.26322	0.382084	1.22123	1.22123	0.0370856	1.71549	1.71549	0.675474	0.910399	-1.09842
ch.12.1441382F	CCT2	0.104353	0.0921917	0.773563	-1.29272	0.0666545	0.752133	-1.32955	0.018142	0.672054	-1.48798	0.0278242	0.697592	-1.4335	0.0587956	0.744046	-1.344
cg24251862	CYB5R3	0.104353	0.751273	1.05178	1.05178	0.928267	0.985806	-1.0144	0.214557	1.23053	1.23053	0.130472	0.771593	-1.29602	0.784651	0.957444	-1.04445
cg10341935	CLTC	0.104354	?	?	?	0.0293204	0.084733	-11.8018	0.238834	0.488039	-2.04902	0.345323	0.588973	-1.69787	?	?	?
cg15922705	COL9A1;COL9A1	0.104358	0.825765	1.06643	1.06643	0.624225	0.865856	-1.15493	0.0362041	0.491367	-2.03514	0.720258	1.11061	1.11061	0.598971	0.856576	-1.16744
cg26810779	CBFA2T3;CBFA2T3	0.104368	0.574011	1.37235	1.37235	0.0119893	5.73496	5.73496	0.03533	3.91863	3.91863	0.412699	0.627069	-1.59472	0.674725	0.790408	-1.26517
cg10528482	SLC9A3	0.104368	0.114657	3.94322	3.94322	0.234799	2.70699	2.70699	0.777151	0.79699	-1.25472	0.655684	1.43171	1.43171	0.798927	1.22645	1.22645
cg04252558	TCEB1	0.104369	0.688369	1.07288	1.07288	0.0795671	1.40427	1.40427	0.0288585	1.56774	1.56774	0.39469	1.16428	1.16428	0.786591	0.953754	-1.04849
cg13508841	SVEP1	0.104369	0.083454	1.71585	1.71585	0.556503	1.18245	1.18245	0.00759264	2.63135	2.63135	0.661347	0.883194	-1.13225	0.274228	1.37793	1.37793
cg03815334	DCI	0.104369	0.578183	1.24956	1.24956	0.0512303	0.414559	-2.4122	0.92414	1.0385	1.0385	0.196916	1.71792	1.71792	0.00980768	0.273902	-3.65094
cg06935581	DECR2;DECR2	0.104372	0.866312	1.07883	1.07883	0.872682	0.930323	-1.0749	0.524987	1.33655	1.33655	0.678982	0.829101	-1.20613	0.0151288	0.260763	-3.8349
cg25759064	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.104372	0.373628	1.39705	1.39705	0.13947	1.79002	1.79002	0.0194022	2.8146	2.8146	0.0775444	2.05095	2.05095	0.377728	0.717949	-1.39286
cg14134256	AMOTL1	0.104373	0.0917119	0.568972	-1.75756	0.0927305	0.570173	-1.75385	0.450585	0.791786	-1.26297	0.503088	0.813514	-1.22923	0.0127671	0.390799	-2.55886

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19656686	0.504283	1.14629	1.14629	0.0261831	1.70146	1.70146	0.706645	1.07916	1.07916	0.699218	0.924756	-1.08137	2.51607	1.61766	0.571497	1
cg13451471	0.555288	1.17797	1.17797	0.068061	0.570662	-1.75235	0.408678	0.792954	-1.26111	0.0267361	0.486471	-2.05562	2.51604	3.00317	1.06099	1
cg13496323	0.256518	1.27405	1.27405	0.437962	0.850613	-1.17562	0.277319	0.793699	-1.25992	0.366253	1.20904	1.20904	2.516	1.66648	0.588759	1
cg04786330	0.0564424	0.508864	-1.96516	0.650112	0.866892	-1.15355	0.216969	0.666085	-1.50131	0.998622	1.00054	1.00054	2.51597	3.8987	1.37741	1
cg16862791	0.954248	1.00808	1.00808	0.00392271	1.72376	1.72376	0.188331	0.822396	-1.21596	0.240427	0.841636	-1.18816	2.51596	0.784078	0.277014	1
cg11847459	0.00266498	1.64737	1.64737	0.787572	1.03299	1.03299	0.298686	1.13818	1.13818	0.144865	1.20701	1.20701	2.51596	0.575307	0.203256	1
cg04904245	0.6048	1.12548	1.12548	0.112066	0.675852	-1.47961	0.619676	0.892893	-1.11996	0.981745	1.00519	1.00519	2.51595	2.04303	0.721805	1
cg23288973	0.138296	1.36749	1.36749	0.336048	0.823202	-1.21477	0.00363385	2.16362	2.16362	0.387836	1.18957	1.18957	2.51594	1.53282	0.541549	1
cg25207224	0.175313	0.608321	-1.64387	0.0147284	0.35514	-2.81579	0.569913	0.820347	-1.219	0.0213761	0.385326	-2.5952	2.51592	4.73894	1.67429	1
cg19394923	0.251023	0.848192	-1.17898	0.731252	1.04847	1.04847	0.84627	0.973705	-1.02701	0.389382	1.12873	1.12873	2.51588	0.750956	0.265321	1
cg26691533	0.133814	0.710261	-1.40793	0.0290787	1.72332	1.72332	0.973167	1.00714	1.00714	0.0938795	0.677215	-1.47664	2.51588	1.7838	0.630239	1
cg27007513	0.652324	0.898549	-1.11291	0.016057	2.00381	2.00381	0.397054	1.22697	1.22697	0.0217194	0.522097	-1.91535	2.51587	2.21685	0.783242	1
cg14214914	0.0819914	1.38387	1.38387	0.139703	1.30725	1.30725	0.875376	0.973888	-1.02681	0.521319	0.896204	-1.11582	2.51582	1.13246	0.400119	1
cg24202485	0.32177	0.878961	-1.13771	0.627608	1.06355	1.06355	0.42901	1.10712	1.10712	0.134936	0.816178	-1.22522	2.51582	0.632968	0.223641	1
cg27264484	0.88077	0.982434	-1.01788	0.387153	1.11034	1.11034	0.608308	0.940793	-1.06293	0.0373215	1.33023	1.33023	2.5158	0.555472	0.196261	1
cg04574592	0.0256379	0.641404	-1.55908	0.0450575	0.680292	-1.46996	0.0605555	1.42543	1.42543	0.799839	1.04348	1.04348	2.51579	1.11809	0.395048	1
cg00136105	0.0140474	2.03635	2.03635	0.16035	1.42156	1.42156	0.744717	0.926234	-1.07964	0.0247313	1.87209	1.87209	2.51576	2.19163	0.774364	1
cg14864852	0.25835	0.842852	-1.18645	0.0150707	0.648544	-1.54192	0.390253	1.13612	1.13612	0.644253	1.06973	1.06973	2.51574	0.837251	0.295827	1
cg02042698	0.520987	1.16344	1.16344	0.812804	1.05675	1.05675	0.207386	0.733911	-1.36256	0.3823	0.811809	-1.23182	2.51574	2.15735	0.762258	1
cg04682905	0.233052	0.677971	-1.47499	0.278237	0.704376	-1.4197	0.513653	0.813931	-1.2286	0.099628	0.570679	-1.7523	2.51573	3.84916	1.36003	1
cg16891104	0.124161	1.81594	1.81594	0.0547989	2.18257	2.18257	0.99913	1.00039	1.00039	0.0215942	2.68753	2.68753	2.51572	5.11598	1.80765	1
cg10148280	0.0888497	0.485093	-2.06146	0.0457402	0.413607	-2.41776	0.0851572	0.48014	-2.08273	0.90721	0.95605	-1.04597	2.51572	5.91992	2.09171	1
cg04209315	0.497354	0.957455	-1.04444	0.0923997	1.12397	1.12397	0.0335761	0.855004	-1.16959	0.569559	0.964382	-1.03693	2.51568	0.158638	0.0560531	1
cg12314713	0.342269	0.377639	-2.64803	0.0517274	0.110426	-9.05581	0.0136863	20.7886	20.7886	0.70766	0.687348	-1.45487	2.51567	39.4631	13.9439	1
cg00252934	0.291197	0.650328	-1.53769	0.0104627	0.281954	-3.54668	0.130343	0.52632	-1.89999	0.226771	0.607413	-1.64633	2.51566	6.14881	2.17264	1
cg17462109	0.821817	1.0471	1.0471	0.559061	0.886424	-1.12813	0.00492794	0.467656	-2.13832	0.130483	0.716586	-1.39551	2.51561	1.659	0.586205	1
cg17053871	0.414789	1.16673	1.16673	0.469358	0.872695	-1.14588	0.287905	1.22643	1.22643	0.564763	0.897919	-1.11369	2.51561	1.36338	0.481749	1
cg00444341	0.203507	1.30401	1.30401	0.0138822	1.82428	1.82428	0.764321	1.06127	1.06127	0.636361	1.09877	1.09877	2.5156	1.55831	0.550628	1
cg24608144	0.660607	0.871767	-1.1471	0.00237457	3.72884	3.72884	0.880677	1.04776	1.04776	0.471859	0.796682	-1.25521	2.51556	3.84338	1.35808	1
cg27154510	0.14151	1.25611	1.25611	0.0164082	1.52656	1.52656	0.526307	1.09703	1.09703	0.692944	1.05891	1.05891	2.51555	0.828766	0.292851	1
cg27590742	0.654504	0.901702	-1.10901	0.440636	1.19798	1.19798	0.415171	0.825867	-1.21085	0.371805	0.810068	-1.23446	2.51554	2.10226	0.74285	1
cg06991300	0.360339	0.365618	-2.73509	0.0890396	0.134449	-7.43775	0.0406851	12.5329	12.5329	0.0463944	11.4856	11.4856	2.51553	45.6076	16.1159	1
cg21163765	0.213026	0.847929	-1.17934	0.0107234	1.49682	1.49682	0.84812	0.976171	-1.02441	0.243853	0.85781	-1.16576	2.5155	0.630327	0.222736	1
cg03648611	0.520463	1.19812	1.19812	0.379709	1.28409	1.28409	0.770128	0.921913	-1.0847	0.313121	0.748636	-1.33576	2.51545	3.06747	1.08395	1
cg03715305	0.39387	0.849419	-1.17728	0.369096	1.18813	1.18813	0.129181	0.736101	-1.35851	0.188024	0.770523	-1.29782	2.51544	1.39119	0.491611	1
cg15809959	0.249667	1.90912	1.90912	0.0306103	3.91702	3.91702	0.0824144	2.81247	2.81247	0.462777	1.49442	1.49442	2.51542	11.509	4.067	1
cg01644741	0.195788	2.05955	2.05955	0.429161	1.53148	1.53148	0.236506	1.92522	1.92522	0.596693	0.754254	-1.32581	2.51542	11.1109	3.92632	1
cg16746471	0.648036	1.12062	1.12062	0.22223	0.727708	-1.37418	0.865878	1.04277	1.04277	0.952831	0.98545	-1.01477	2.51542	2.44588	0.864316	1
cg25738301	0.694331	1.25109	1.25109	0.913056	0.939933	-1.06391	0.541359	1.42003	1.42003	0.0953286	2.82739	2.82739	2.51539	12.8156	4.52877	1
cg22957381	0.0225601	0.532986	-1.87622	0.254547	0.760272	-1.31532	0.057258	1.64135	1.64135	0.984522	1.00448	1.00448	2.51539	2.11442	0.747193	1
cg11468148	0.224924	2.20198	2.20198	0.398455	0.585449	-1.70809	0.484082	1.55331	1.55331	0.0157429	6.25056	6.25056	2.51538	15.2785	5.39912	1
cg23877786	0.240246	1.31159	1.31159	0.119	0.688488	-1.45246	0.115144	0.685311	-1.45919	0.368086	1.22623	1.22623	2.51538	1.93861	0.685069	1
cg11847636	0.597204	1.15463	1.15463	0.0182713	2.16482	2.16482	0.169526	1.48372	1.48372	0.585978	0.862184	-1.15984	2.51536	2.89591	1.02337	1
cg08599448	0.377143	2.57064	2.57064	0.0171733	20.6023	20.6023	0.120128	5.79242	5.79242	0.0868993	7.169	7.169	2.51535	43.2399	15.2804	1
cg26094984	0.0206473	0.510565	-1.95862	0.015589	2.04471	2.04471	0.650272	1.11637	1.11637	0.574263	1.14672	1.14672	2.51534	2.31734	0.818917	1
cg18717447	0.279149	0.652345	-1.53293	0.975051	0.988197	-1.01194	0.609006	0.822128	-1.21635	0.721262	1.14569	1.14569	2.54225	5.15866	2.02917	1
cg12588256	0.838691	1.10782	1.10782	0.0953649	0.398349	-2.51036	0.943079	0.964765	-1.03652	0.708838	0.828255	-1.20736	2.51533	10.053	3.5526	1
cg11832534	0.339003	0.80209	-1.24674	0.823877	0.951343	-1.05115	0.923576	1.0217	1.0217	0.065185	0.629227	-1.58925	2.5153	1.99476	0.704935	1
cg16472369	0.606658	1.25208	1.25208	0.0240799	0.312037	-3.20475	0.673061	1.20167	1.20167	0.205421	0.560854	-1.783	2.51529	7.46488	2.63804	1
cg15759897	0.914862	0.984227	-1.01603	0.00564228	1.71606	1.71606	0.26151	0.840231	-1.19015	0.343199	1.15624	1.15624	2.51529	0.880463	0.31115	1
cg09696359	0.158478	0.648744	-1.54144	0.2381	1.42578	1.42578	0.862815	1.0509	1.0509	0.806684	0.932044	-1.07291	2.51527	3.28233	1.15997	1
cg07920503	0.124329	0.720364	-1.38819	0.3438	0.825127	-1.21193	0.567671	1.12059	1.12059	0.668968	1.08848	1.08848	2.51526	1.54765	0.546936	1
cg20060474	0.468079	1.16979	1.16979	0.294058	0.793604	-1.26007	0.0105537	0.504935	-1.98045	0.212621	0.756664	-1.32159	2.51526	1.79731	0.635166	1
cg01003793	0.0226438	2.45497	2.45497	0.699922	1.13593	1.13593	0.803215	1.08564	1.08564	0.968856	1.01293	1.01293	2.51526	4.31432	1.52467	1
cg05137680	0.104592	5.66354	5.66354	0.0342508	11.185	11.185	0.24814	3.25486	3.25486	0.0728328	7.0716	7.0716	2.51525	38.0629	13.4514	1
cg03519577	0.444227	0.845487	-1.18275	0.143675	1.40227	1.40227	0.92236	1.0212	1.0212	0.358367	0.816081	-1.22537	2.51519	1.84459	0.651893	1
cg03662467	0.392671	0.918874	-1.08829	0.0938027	0.836913	-1.19487	0.820999	0.978342	-1.02214	0.793139	0.974927	-1.02572	2.51516	0.371862	0.131421	1
cg09206294	0.665964	0.866622	-1.15391	0.2397	0.666451	-1.50049	0.0737212	1.92915	1.92915	0.0528136	2.06572	2.06572	2.51516	4.32751	1.5294	1
cg09297636	0.508073	1.34926	1.34926	0.122309	0.473745	-2.11084	0.218019	0.560961	-1.78265	0.739352	1.16064	1.16064	2.51516	7.92877	2.80213	1
cg19887293	0.237056	0.687866	-1.45377	0.175061	0.646859	-1.54593	0.0136729	2.51209	2.51209	0.685354	1.13092	1.13092	2.51514	3.63414	1.28436	1
cg18132851	0.0871458	0.332838	-3.00446	0.115575	0.369252	-2.70817	0.28021	0.520091	-1.92274	0.851007	0.89627	-1.11574	2.51514	13.5113	4.77512	1
cg13901526	0.318322	0.488355	-2.04769	0.184634	0.376155	-2.65848	0.313478	0.484609	-2.06352	0.503995	0.624253	-1.60191	2.51513	19.2344	6.79775	1
cg20099830	0.449153	0.538613	-1.85662	0.0175245	0.0983281	-10.17	0.55393	1.61663	1.61663	0.0488185	0.164465	-6.08031	2.51511	25.639	9.06133	1
cg05674466	0.0980571	0.672318	-1.48739	0.739567	1.07572	1.07572	0.131942	0.700656	-1.42723	0.166202	1.38127	1.38127	2.51511	1.90663	0.673841	1
cg17821079	0.610827	1.06852	1.06852	0.00846247	0.647848	-1.54357	0.706702	1.05002	1.05002	0.385056	1.12187	1.12187	2.51511	0.664212	0.234746	1
cg23759554	0.230421	0.503317	-1.98682	0.0111361	0.176163	-5.67655	0.569523	1.36841	1.36841	0.227866	0.501233	-1.99508	2.51511	11.8602	4.19163	1
cg18234130	0.385266	0.58064	-1.72224	0.209098	0.445488	-2.24473	0.165002	0.404726	-2.47081	0.196635	2.30192	2.30192	2.51511	14.857	5.25077	1
cg24881471	0.585882	0.872854	-1.14567	0.0995844	1.56231	1.56231	0.142678	1.47621	1.47621	0.954914	1.01407	1.01407	2.51509	2.43391	0.860199	1
cg08005604	0.311914	0.468517	-2.1344	0.00745373	0.0823014	-12.1505	0.106353	0.278576	-3.58969	0.0475007	0.193403	-5.17056	2.51508	20.9241	7.39506	1
cg07588102	0.213708	1.37369	1.37369	0.0159607	0.488943	-2.04523	0.150215	0.687971	-1.45355	0.759935	1.07715	1.07715	2.51508	2.34242	0.827868	1
cg18037230	0.284776	0.852831	-1.17256	0.956935	0.992293	-1.00777	0.385515	0.880324	-1.13595	0.814882	0.966955	-1.03417	2.51505	0.817692	0.288995	1
cg09243824	0.73897	0.849085	-1.17774	0.778581	0.871189	-1.14786	0.569874	0.755073	-1.32437	0.102607	0.417379	-2.39591	2.51505	9.5328	3.36915	1
cg20068463	0.256582	0.764719	-1.30767	0.317193	0.791181	-1.26393	0.548202	0.871412	-1.14756	0.414905	0.827964	-1.20778	2.51505	2.04405	0.722425	1
cg06777853	0.759386	0.961495	-1.04005	0.00711152	0.641205	-1.55956	0.331912	1.13649	1.13649	0.129259	1.23307	1.23307	2.51504	0.650703	0.229978	1
cg03315247	0.376621	0.80522	-1.2419	0.00616514	0.426106	-2.34684	0.216136	0.732857	-1.36452	0.269104	1.31629	1.31629	2.51504	2.27103	0.802649	1
cg21081878	0.655392	0.772443	-1.29459	0.500093	0.67472	-1.4821	0.053017	3.53891	3.53891	0.789406	1.16634	1.16634	2.51503	13.1608	4.65143	1
cg16335926	0.260036	0.766592	-1.30448	0.109731	0.674036	-1.4836	0.025167	0.54749	-1.82652	0.139499	1.43299	1.43299	2.51499	2.03878	0.720579	1
cg01331810	0.479018	0.679751	-1.47113	0.0960119	2.66593	2.66593	0.936016	0.957847	-1.04401	0.716698	1.2159	1.2159	2.51498	11.4609	4.05071	1
cg04250608	0.773442	1.16374	1.16374	0.68446	0.806832	-1.23941	0.102095	0.39064	-2.5599	0.0325492	0.268646	-3.72237	2.51498	10.9929	3.88531	1
cg07510314	0.0311492	0.271752	-3.67983	0.241213	0.531559	-1.88126	0.500656	0.703201	-1.42207	0.221143	0.515563	-1.93963	2.51496	10.5685	3.73534	1
cg15859496	0.130365	0.364897	-2.7405	0.0969888	0.324949	-3.0774	0.151065	0.386946	-2.58434	0.757127	0.825784	-1.21097	2.51495	15.1672	5.36072	1
cg18739166	0.0854158	0.325344	-3.07367	0.0143787	0.168336	-5.94049	0.0436634	0.254221	-3.93359	0.356906	0.571474	-1.74986	2.51494	13.8899	4.9093	1
cg00308697	0.252629	0.720025	-1.38884	0.373984	0.778134	-1.28513	0.043352	1.89409	1.89409	0.201145	0.689973	-1.44933	2.51493	3.00972	1.06377	1
cg14211415	0.395775	0.928871	-1.07658	0.310093	0.914742	-1.0932	0.0298303	1.24221	1.24221	0.572001	0.952705	-1.04964	2.51491	0.286721	0.101341	1
cg05949903	0.794998	0.941498	-1.06214	0.155779	0.703564	-1.42133	0.122534	1.47316	1.47316	0.0957136	0.654643	-1.52755	2.51488	2.13488	0.754576	1
cg18650307	0.528397	0.779728	-1.2825	0.0102897	0.283776	-3.52391	0.644502	0.834445	-1.1984	0.615709	1.21791	1.21791	2.51486	6.04364	2.13615	1
cg15068357	0.220327	1.18063	1.18063	0.0168913	1.45578	1.45578	0.721777	0.954974	-1.04715	0.126858	0.808347	-1.23709	2.51486	0.661308	0.233742	1
cg18848917	0.410383	0.867775	-1.15237	0.125042	1.32277	1.32277	0.748012	0.947146	-1.0558	0.516007	0.894985	-1.11734	2.51482	1.13039	0.399548	1
cg00984715	0.767605	0.972738	-1.02803	0.00732394	0.72435	-1.38055	0.658394	0.959347	-1.04238	0.268858	0.898158	-1.11339	2.5148	0.346498	0.122474	1
cg04267164	0.0920294	0.728714	-1.37228	0.00825641	1.77964	1.77964	0.40599	0.864966	-1.15611	0.845552	1.03384	1.03384	2.5148	1.15969	0.40991	1
cg20928974	0.133249	0.471608	-2.12041	0.0604359	0.374363	-2.67121	0.0570035	0.368103	-2.71663	0.608204	0.786674	-1.27117	2.51478	8.57664	3.03155	1
cg03962794	0.40741	0.716905	-1.39488	0.298425	1.52696	1.52696	0.0488498	2.41919	2.41919	0.436135	0.731979	-1.36616	2.51478	6.14273	2.17125	1
cg14646974	0.0197994	0.0672532	-14.8692	0.0366193	0.0973172	-10.2757	0.178219	0.253525	-3.94438	0.670444	0.663223	-1.50779	2.54166	32.9302	12.9562	1
cg06555661	0.211622	0.675804	-1.47972	0.331399	0.741989	-1.34773	0.461402	1.25017	1.25017	0.61533	1.16284	1.16284	2.51476	3.53172	1.24835	1
cg08612467	0.118899	0.745962	-1.34055	0.319112	0.836703	-1.19517	0.0116992	1.72541	1.72541	0.257413	1.2271	1.2271	2.51474	1.19416	0.422103	1
cg09766383	0.802107	0.96228	-1.0392	0.00465652	0.562026	-1.77928	0.501705	1.11004	1.11004	0.691004	1.06308	1.06308	2.51474	0.933683	0.330031	1
cg23561148	0.121234	0.490488	-2.03878	0.368745	0.676109	-1.47905	0.241922	1.68083	1.68083	0.864075	0.929932	-1.07535	2.51473	7.15922	2.53059	1
cg08711867	0.83008	0.910789	-1.09795	0.0213267	0.300282	-3.3302	0.560642	1.29154	1.29154	0.122819	0.483381	-2.06876	2.51473	7.52972	2.66156	1
cg02964031	0.476966	0.54237	-1.84376	0.0110345	14.8391	14.8391	0.0262625	9.30167	9.30167	0.77489	1.27455	1.27455	2.51471	28.5087	10.0771	1
cg02385710	0.649971	0.938594	-1.06542	0.0229947	0.685768	-1.45822	0.568481	1.08324	1.08324	0.209041	1.20163	1.20163	2.51469	0.766325	0.270879	1
cg14282137	0.501475	0.700836	-1.42687	0.00270825	8.65944	8.65944	0.662177	0.79527	-1.25743	0.49817	1.43092	1.43092	2.51468	10.813	3.82218	1
cg10406295	0.494978	1.3011	1.3011	0.00490146	0.242647	-4.12121	0.307516	0.66949	-1.49367	0.894888	0.951029	-1.05149	2.51468	5.74633	2.03121	1
cg25485956	0.963865	0.968261	-1.03278	0.0515635	4.84343	4.84343	0.0348879	5.75716	5.75716	0.0378719	5.55163	5.55163	2.51466	20.1865	7.13558	1
cg05921699	0.14216	0.231616	-4.3175	0.0181248	0.069949	-14.2961	0.0340385	0.100938	-9.9071	0.204971	0.289482	-3.45444	2.51465	34.2186	12.0957	1
cg11200367	0.120238	1.4915	1.4915	0.210273	0.731138	-1.36773	0.532061	1.16198	1.16198	0.84168	1.04858	1.04858	2.51463	2.24073	0.79207	1
cg17148503	0.463019	1.45435	1.45435	0.806642	0.884303	-1.13083	0.0635444	2.84619	2.84619	0.413167	1.52118	1.52118	2.51463	10.0124	3.53925	1
cg02306654	0.120235	0.734493	-1.36148	0.0594441	1.47627	1.47627	0.726736	0.937785	-1.06634	0.906775	1.02168	1.02168	2.5146	1.33489	0.471872	1
cg15027815	0.36783	1.27202	1.27202	0.0444645	1.82267	1.82267	0.504642	1.19256	1.19256	0.0801822	0.603576	-1.65679	2.51459	2.69439	0.952446	1
cg23955575	0.200196	1.47579	1.47579	0.197218	1.48005	1.48005	0.100531	1.67769	1.67769	0.179494	1.50692	1.50692	2.51459	3.29444	1.16456	1
cg20668546	0.54669	1.48401	1.48401	0.698505	1.28647	1.28647	0.769689	1.20925	1.20925	0.249222	0.458678	-2.18018	2.51456	16.6803	5.89642	1
cg10623334	0.062717	0.454727	-2.19912	0.242772	0.631298	-1.58404	0.673935	0.852791	-1.17262	0.272074	0.650384	-1.53755	2.51455	5.63903	1.99339	1
cg14980020	0.0267788	0.490495	-2.03876	0.276161	1.36007	1.36007	0.0917324	0.604063	-1.65546	0.716231	0.905643	-1.10419	2.51452	2.93535	1.03766	1
cg07037963	0.122809	0.513262	-1.94832	0.0193408	0.323563	-3.09059	0.0647863	0.437191	-2.28733	0.350594	0.681633	-1.46706	2.5145	6.33746	2.24032	1
cg08336315	0.735457	0.938759	-1.06524	0.119957	1.36939	1.36939	0.278923	0.810755	-1.23342	0.0462309	1.53048	1.53048	2.5145	1.383	0.488898	1
cg00133624	0.121656	0.32628	-3.06486	0.0479597	0.221105	-4.52273	0.258808	0.455487	-2.19545	0.217527	0.420662	-2.3772	2.51444	17.7422	6.27209	1
cg19159011	0.235965	1.54248	1.54248	0.0101618	3.0995	3.0995	0.0946811	1.89834	1.89834	0.920971	1.03524	1.03524	2.51442	4.84952	1.71438	1
cg03766373	0.365349	1.19113	1.19113	0.757925	0.943524	-1.05986	0.025028	1.65096	1.65096	0.410788	0.853713	-1.17135	2.51442	1.40815	0.497805	1
cg25246084	0.755746	1.15596	1.15596	0.00492329	0.177254	-5.64161	0.174571	0.511341	-1.95564	0.845103	0.913157	-1.0951	2.51442	8.59042	3.03686	1
cg21286173	0.118402	0.688493	-1.45245	0.52797	0.868678	-1.15117	0.843104	1.0446	1.0446	0.319263	0.797224	-1.25435	2.5144	1.93045	0.682452	1
cg00987379	0.889371	0.980535	-1.01985	0.0894127	1.30279	1.30279	0.740815	0.954199	-1.048	0.936829	1.01126	1.01126	2.51439	0.794382	0.28083	1
cg20223754	0.452231	1.18619	1.18619	0.00382077	2.38579	2.38579	0.271498	1.29075	1.29075	0.556048	1.14197	1.14197	2.51438	1.97951	0.6998	1
ch.12.1441382F	0.578809	0.925266	-1.08077	0.714063	0.950303	-1.0523	0.102962	0.781062	-1.28031	0.702693	0.948266	-1.05456	2.51438	0.764062	0.270113	1
cg24251862	0.272516	0.834162	-1.19881	0.0043727	0.546426	-1.83007	0.40752	0.874141	-1.14398	0.841194	1.03236	1.03236	2.51438	1.00379	0.354863	1
cg10341935	?	?	?	?	?	?	0.954002	1.02855	1.02855	?	?	?	8.82585	10.2946	0.583207	1
cg15922705	0.740725	1.10172	1.10172	0.0245737	2.18403	2.18403	0.591476	1.17123	1.17123	0.0488329	0.518754	-1.9277	2.51433	3.38917	1.19817	1
cg26810779	0.0970821	2.75872	2.75872	0.46629	0.661574	-1.51155	0.827814	1.12906	1.12906	0.311511	1.79223	1.79223	2.51423	12.3652	4.37164	1
cg10528482	0.261612	0.392141	-2.5501	0.0180493	0.100569	-9.94345	0.141319	3.54284	3.54284	0.165803	0.306705	-3.26046	2.51423	25.4634	9.00242	1
cg04252558	0.934631	1.01442	1.01442	0.0249156	0.627705	-1.59311	0.369725	1.17436	1.17436	0.319877	1.19643	1.19643	2.51422	1.21223	0.428578	1
cg13508841	0.347276	0.761317	-1.31351	0.0606629	1.81478	1.81478	0.903829	1.03465	1.03465	0.45309	1.24032	1.24032	2.51421	3.16174	1.11782	1
cg03815334	0.854511	1.07552	1.07552	0.932431	0.966924	-1.03421	0.232538	1.64308	1.64308	0.992863	0.996458	-1.00355	2.51421	6.26468	2.21485	1
cg06935581	0.159637	0.508275	-1.96744	0.106706	2.21042	2.21042	0.0762027	2.4314	2.4314	0.531858	0.751883	-1.32999	2.51418	8.07542	2.85507	1
cg25759064	0.492124	0.774586	-1.29101	0.239466	0.637003	-1.56985	0.173489	1.69927	1.69927	0.184672	1.6738	1.6738	2.51418	5.33716	1.88696	1
cg14134256	0.113756	0.592984	-1.68639	0.0853381	0.561212	-1.78186	0.0221096	0.434574	-2.3011	0.590212	0.847798	-1.17953	2.51418	3.6727	1.29849	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04548483	ADCK5	0.104373	0.522286	0.780383	-1.28142	0.233198	1.61281	1.61281	0.427867	0.733796	-1.36278	0.400154	1.39003	1.39003	0.0815642	0.478	-2.09205	0.292507	0.658627	-1.51831	0.0926245	0.492805	-2.0292	0.0100308	0.288573	-3.46533	0.430408	0.735096	-1.36037	2.51417	5.82219	2.05844	1
cg01773951	AHCTF1	0.104375	0.485896	1.11255	1.11255	0.769793	1.04519	1.04519	0.0268794	1.48419	1.48419	0.487718	0.899247	-1.11204	0.945834	0.989818	-1.01029	0.119927	0.775593	-1.28934	0.021344	0.659226	-1.51693	0.631446	0.929786	-1.07552	0.470479	1.11694	1.11694	2.51415	0.903458	0.319422	1
cg05469591	ANKRD34C	0.104376	0.3373	0.494554	-2.02202	0.0987278	0.275659	-3.62767	0.0402412	0.185108	-5.40225	0.218648	0.398159	-2.51156	0.0204864	0.137055	-7.29631	0.180175	0.36312	-2.75391	0.0161264	0.123019	-8.12883	0.676819	0.742042	-1.34763	0.14466	0.327871	-3.04998	2.51414	20.1723	7.13202	1
cg22729310	AIFM1;AIFM1;AIFM1;AIFM1;AIFM1	0.104377	0.504707	0.80161	-1.24749	0.00641628	0.314016	-3.18455	0.0970577	0.551606	-1.81289	0.96055	0.983972	-1.01629	0.0383186	0.456523	-2.19047	0.527408	0.811257	-1.23265	0.59634	0.839774	-1.1908	0.482561	0.792046	-1.26255	0.380462	1.34163	1.34163	2.51412	4.24909	1.5023	1
cg11975019	C1orf54	0.104379	0.0429547	0.383654	-2.60651	0.886813	1.06032	1.06032	0.424678	0.715115	-1.39838	0.770356	1.12793	1.12793	0.0183047	0.307999	-3.24676	0.0941652	0.469146	-2.13153	0.0446162	0.387392	-2.58137	0.422787	1.40038	1.40038	0.507726	0.758525	-1.31835	2.5141	6.73508	2.38126	1
cg00905417	KCNQ3	0.104381	0.315715	0.807088	-1.23902	0.919254	1.02117	1.02117	0.0180315	0.552355	-1.81043	0.258575	0.783848	-1.27576	0.184605	0.747719	-1.3374	0.0276141	0.583848	-1.71277	0.114932	1.42498	1.42498	0.601234	0.896779	-1.1151	0.575926	0.889805	-1.12384	2.51409	1.69961	0.600919	1
cg05991534	MUC7;MUC7;MUC7	0.104382	0.20786	1.91048	1.91048	0.790504	0.878278	-1.13859	0.0293959	0.28633	-3.49247	0.850032	1.09666	1.09666	0.364191	0.634731	-1.57547	0.422654	1.4907	1.4907	0.0206971	0.257184	-3.88826	0.215066	1.8892	1.8892	0.798157	1.13306	1.13306	2.51408	9.46182	3.34536	1
cg23633993	TTC27;TTC27	0.104383	0.457321	1.2552	1.2552	0.231379	0.685938	-1.45786	0.100343	0.582412	-1.717	0.613986	1.16501	1.16501	0.292874	1.38774	1.38774	0.527849	0.82525	-1.21175	0.00791464	0.359598	-2.78089	0.761779	1.0956	1.0956	0.171323	0.645738	-1.54862	2.51407	3.59049	1.26947	1
cg11661265	ARAP2	0.104383	0.184324	0.671276	-1.4897	0.0433727	0.518093	-1.93016	0.0190919	0.448023	-2.23203	0.433197	0.797425	-1.25404	0.289418	0.732538	-1.36512	0.970835	1.0104	1.0104	0.0228996	0.462812	-2.1607	0.703127	1.11447	1.11447	0.113476	0.614174	-1.6282	2.51407	3.18981	1.12781	1
cg19080975	CCDC40	0.104383	0.096608	2.58558	2.58558	0.72476	0.831849	-1.20214	0.40482	0.641539	-1.55875	0.0650095	2.94177	2.94177	0.239469	0.526503	-1.89932	0.514315	0.708649	-1.41114	0.057262	3.06518	3.06518	0.0855272	2.69075	2.69075	0.1205	2.40371	2.40371	2.51406	10.7987	3.81806	1
cg01515809	SKA2;SKA2;PRR11	0.104384	0.833589	1.0642	1.0642	0.122125	1.64142	1.64142	0.216339	1.46932	1.46932	0.269454	1.40515	1.40515	0.131112	0.617472	-1.61951	0.0821598	0.565751	-1.76756	0.0387157	0.492603	-2.03003	0.29642	1.37741	1.37741	0.938662	1.02302	1.02302	2.51405	3.48317	1.23154	1
cg15718162	TMEM160	0.104384	0.136319	0.705909	-1.41661	0.0750279	1.53756	1.53756	0.846375	1.04299	1.04299	0.64653	1.10538	1.10538	0.0481129	0.612529	-1.63258	0.77347	0.939298	-1.06462	0.0332504	0.58275	-1.716	0.252547	1.29606	1.29606	0.993298	1.00182	1.00182	2.51405	1.87469	0.66283	1
cg06679319	LTK;LTK;LTK	0.104392	0.0703524	0.557966	-1.79222	0.164396	0.651862	-1.53407	0.233871	0.697682	-1.43332	0.129123	1.60483	1.60483	0.959076	0.985308	-1.01491	0.169324	0.655511	-1.52553	0.201136	1.47613	1.47613	0.818645	1.06849	1.06849	0.0322919	0.485244	-2.06082	2.51398	3.3128	1.17133	1
cg13977323	FBXL14	0.104392	0.594299	0.901519	-1.10924	0.186907	1.30969	1.30969	0.0362031	1.59955	1.59955	0.986636	1.00324	1.00324	0.168475	0.753516	-1.32711	0.271394	0.801865	-1.24709	0.168897	0.753755	-1.32669	0.86356	0.967374	-1.03373	0.0431111	1.56641	1.56641	2.51397	1.48083	0.523591	1
cg13567282	MAP3K7IP2	0.104393	0.046047	0.334098	-2.99314	0.011239	0.218039	-4.58633	0.0363736	0.311426	-3.21103	0.392664	0.657096	-1.52185	0.0422166	0.325567	-3.07156	0.206191	0.527599	-1.89538	0.30159	0.598554	-1.67069	0.263434	0.57175	-1.74902	0.529304	0.736675	-1.35745	2.51396	9.15586	3.23734	1
cg02096663	LOC285501	0.104394	0.625219	0.674589	-1.48238	0.168143	3.23645	3.23645	0.0851006	0.218199	-4.58297	0.0601485	0.183517	-5.4491	0.0653943	0.191311	-5.2271	0.364763	0.474877	-2.10581	0.0212865	0.109328	-9.14675	0.796485	0.813295	-1.22957	0.211334	0.348897	-2.86618	2.51395	25.4588	9.00177	1
cg18090489	SLC25A30;SLC25A30	0.104395	0.107091	0.664201	-1.50557	0.850137	1.04498	1.04498	0.685833	0.90974	-1.09922	0.741192	0.925801	-1.08015	0.380793	0.811304	-1.23258	0.0856114	0.642768	-1.55577	0.925788	1.02191	1.02191	0.0117006	2.08077	2.08077	0.18591	0.721632	-1.38575	2.51394	2.15432	0.761733	1
cg20075675	NUAK1	0.104395	0.599307	0.818523	-1.22171	0.00651299	3.80206	3.80206	0.143647	1.81031	1.81031	0.408414	1.37628	1.37628	0.245911	0.632306	-1.58151	0.164367	1.75138	1.75138	0.533796	1.26875	1.26875	0.23294	1.60389	1.60389	0.598529	0.818167	-1.22224	2.51394	5.68056	2.00855	1
cg18733925	EIF4H;EIF4H	0.104395	0.491848	1.21657	1.21657	0.0044234	2.90561	2.90561	0.903718	0.96659	-1.03456	0.840364	1.05827	1.05827	0.740194	0.910791	-1.09795	0.100077	0.602929	-1.65857	0.292092	1.35926	1.35926	0.465053	1.23217	1.23217	0.539275	1.19069	1.19069	2.51394	3.1393	1.11001	1
cg16431787	LOC285768;LOC285768	0.104396	0.257292	0.412076	-2.42674	0.45858	1.76114	1.76114	0.386382	1.94617	1.94617	0.236329	0.394352	-2.53581	0.0172793	0.113642	-8.79954	0.230829	0.389618	-2.56662	0.0330106	0.154188	-6.48558	0.126768	0.289801	-3.45064	0.179264	0.343077	-2.9148	2.51393	22.3894	7.91656	1
cg15195814	TIMM44	0.104397	0.0358901	0.338057	-2.95808	0.48713	0.730758	-1.36844	0.707734	1.18214	1.18214	0.386614	0.67415	-1.48335	0.0816144	0.424231	-2.35721	0.692297	1.1933	1.1933	0.023592	0.300882	-3.32356	0.029826	0.321168	-3.11364	0.217571	0.561962	-1.77948	2.51392	7.85919	2.77891	1
cg11451039	AATK	0.104403	0.167445	1.30384	1.30384	0.585077	0.905374	-1.10452	0.0130802	1.74191	1.74191	0.530466	1.12139	1.12139	0.0594766	1.46748	1.46748	0.279618	1.22466	1.22466	0.247659	1.24349	1.24349	0.0241463	1.62381	1.62381	0.18734	1.28654	1.28654	2.51385	1.29429	0.457656	1
cg14176626	ZNF782	0.104404	0.0550172	0.266044	-3.75878	0.179475	0.419898	-2.38153	0.0302976	0.21228	-4.71075	0.471738	1.56128	1.56128	0.0929549	0.324687	-3.07989	0.289745	0.512356	-1.95177	0.0327907	0.218749	-4.57145	0.0652553	0.283789	-3.52374	0.358353	0.562806	-1.77681	2.51385	14.7462	5.2142	1
cg19307528	C8orf84	0.104404	0.146422	2.92919	2.92919	0.00964497	9.56772	9.56772	0.173437	2.71434	2.71434	0.623092	1.40708	1.40708	0.943963	1.04966	1.04966	0.348893	1.94419	1.94419	0.0192721	7.03998	7.03998	0.0732749	3.96304	3.96304	0.311715	2.05756	2.05756	2.51384	18.9233	6.69125	1
cg07562135	HNRNPL;HNRNPL	0.104405	0.977907	1.00858	1.00858	0.93581	1.02517	1.02517	0.676999	1.13801	1.13801	0.751858	0.906746	-1.10284	0.854989	0.945106	-1.05808	0.0757038	1.84065	1.84065	0.00591439	3.03796	3.03796	0.0452272	2.03192	2.03192	0.306243	1.38667	1.38667	2.51383	3.7918	1.34078	1
cg12348997	MTIF3;MTIF3;MTIF3;MTIF3	0.104409	0.3984	1.90758	1.90758	0.0930042	0.251474	-3.97656	0.726829	0.769526	-1.2995	0.0107286	0.0911715	-10.9683	?	?	?	0.479181	1.71147	1.71147	0.35323	2.04114	2.04114	0.973992	0.975942	-1.02465	0.26272	2.39225	2.39225	2.54067	19.9568	7.85492	1
cg08301965	LLGL2;LLGL2	0.104409	0.0144599	0.428874	-2.33169	0.842117	0.945517	-1.05762	0.0293374	0.486248	-2.05656	0.580902	0.855012	-1.16957	0.0389639	0.511005	-1.95693	0.526863	1.19736	1.19736	0.984393	1.00551	1.00551	0.284524	0.731762	-1.36656	0.185835	0.674311	-1.48299	2.51379	3.14177	1.11095	1
cg23242341	BRMS1;BRMS1;B3GNT1	0.10441	0.154576	0.486162	-2.05693	0.0628287	2.69324	2.69324	0.495238	1.38789	1.38789	0.788692	0.880605	-1.13558	0.140124	0.47175	-2.11977	0.0909732	0.414247	-2.41402	0.0381238	0.320575	-3.1194	0.653036	0.807196	-1.23886	0.137426	0.46896	-2.13238	2.51378	8.91948	3.15399	1
cg01693193	KCNQ1;KCNQ1OT1;KCNQ1	0.104411	0.130599	0.574783	-1.73979	0.639073	1.17378	1.17378	0.671354	1.15577	1.15577	0.947915	1.02241	1.02241	0.00450214	0.276828	-3.61236	0.882962	0.951261	-1.05124	0.883832	0.951618	-1.05084	0.648814	0.855969	-1.16827	0.0616054	0.489613	-2.04243	2.51377	4.58058	1.61973	1
cg07003611	INPP5F;INPP5F	0.104413	0.225146	0.817606	-1.22308	0.0128345	0.613555	-1.62984	0.761283	0.952978	-1.04934	0.312467	0.847761	-1.17958	0.00775798	0.582474	-1.71682	0.793816	0.959443	-1.04227	0.247645	0.826083	-1.21053	0.930008	1.01398	1.01398	0.694222	0.939455	-1.06445	2.51375	0.994758	0.351756	1
cg09247657	EML1;EML1	0.104413	0.596355	1.21909	1.21909	0.00735335	0.277931	-3.59801	0.0376987	0.409278	-2.44332	0.21186	0.614214	-1.6281	0.760826	0.893017	-1.1198	0.48885	0.770596	-1.2977	0.335326	1.44516	1.44516	0.266533	0.651133	-1.53579	0.500008	0.775895	-1.28883	2.51375	5.46842	1.93369	1
cg15243597	C2orf86;C2orf86	0.104413	0.0998774	0.753001	-1.32802	0.79906	1.04095	1.04095	0.664156	0.933577	-1.07115	0.524768	1.10672	1.10672	0.701258	0.941157	-1.06252	0.248458	1.20902	1.20902	0.0269923	1.50988	1.50988	0.0317414	0.672941	-1.48601	0.49827	0.897478	-1.11423	2.51375	0.98549	0.34848	1
cg18768453	RERG	0.104415	?	?	?	0.833285	1.04652	1.04652	0.3995	0.830227	-1.20449	0.444808	1.18297	1.18297	0.124594	0.6986	-1.43143	0.031562	0.580511	-1.72262	0.874468	1.03469	1.03469	0.0812115	1.5174	1.5174	0.116415	1.44487	1.44487	2.5406	1.66435	0.6551	1
cg27005715	PRKAR2B	0.104416	0.715445	1.06014	1.06014	0.0671045	0.720848	-1.38726	0.790214	0.958363	-1.04345	0.0829577	1.35826	1.35826	0.465621	1.12573	1.12573	0.0463751	1.439	1.439	0.0494899	1.42977	1.42977	0.562062	0.910737	-1.09801	0.411528	0.874649	-1.14332	2.51372	1.01284	0.358156	1
cg01563071	CPNE4	0.104417	0.0687583	0.224488	-4.45458	0.0657032	0.219876	-4.54801	0.107482	0.275721	-3.62685	0.251939	0.415723	-2.40545	0.0484047	0.191294	-5.22754	0.047014	0.188772	-5.2974	0.0197958	0.12699	-7.87464	0.247244	0.411778	-2.42849	0.0872264	0.250354	-3.99435	2.51371	21.4131	7.57204	1
cg12599673	CT62	0.104419	0.0585134	2.70293	2.70293	0.209963	1.84898	1.84898	0.223677	1.81253	1.81253	0.423438	1.46278	1.46278	0.0755282	2.51026	2.51026	0.192722	1.89901	1.89901	0.0110736	4.4019	4.4019	0.0372434	3.07987	3.07987	0.0816127	2.45433	2.45433	2.51368	8.61582	3.04673	1
cg13681655	SDC1;SDC1	0.104421	0.061446	0.507623	-1.96997	0.157662	0.614972	-1.62609	0.118446	0.579585	-1.72537	0.0491314	0.485426	-2.06004	0.0159647	0.386967	-2.5842	0.598064	0.842658	-1.18672	0.354942	1.35829	1.35829	0.372446	0.744787	-1.34267	0.13468	0.59512	-1.68033	2.51367	4.12242	1.45778	1
cg16114654	MXD1	0.104422	0.0688324	0.51496	-1.9419	0.250715	0.676276	-1.47869	0.0668664	0.511939	-1.95336	0.16898	0.620256	-1.61224	0.0124002	0.362621	-2.7577	0.730437	0.893399	-1.11932	0.106414	0.562933	-1.77641	0.689921	1.13963	1.13963	0.0593523	0.499715	-2.00114	2.51366	4.2286	1.49533	1
cg23881971	ZNF10	0.104422	0.709716	0.908435	-1.10079	0.109858	1.56459	1.56459	?	?	?	0.21399	0.714596	-1.39939	0.626674	0.881707	-1.13416	0.0403309	1.83733	1.83733	0.589074	1.15035	1.15035	0.190406	1.4278	1.4278	0.0285599	1.94163	1.94163	2.54053	2.35919	0.928621	1
cg08189391	CGB2	0.104423	0.266891	1.51187	1.51187	0.17595	1.6723	1.6723	0.125719	0.553155	-1.80781	0.295001	1.47417	1.47417	0.0388016	0.425293	-2.35132	0.147999	1.74122	1.74122	0.518849	1.26327	1.26327	0.124087	0.551506	-1.81322	0.497466	0.781802	-1.2791	2.51365	5.08375	1.79774	1
cg01409597	FAM19A2	0.104424	0.331239	0.738981	-1.35322	0.508009	1.22461	1.22461	0.0515005	1.95198	1.95198	0.118863	0.600039	-1.66656	0.102808	0.583598	-1.71351	0.0759928	0.551122	-1.81448	0.135297	0.615237	-1.62539	0.111291	0.592507	-1.68774	0.78223	0.919794	-1.0872	2.51364	3.62437	1.28167	1
cg04356180	ZNF384;ZNF384;ZNF384;ZNF384;ZNF384;ZNF384;ZNF384	0.104425	0.282861	0.850839	-1.17531	0.102859	1.29477	1.29477	0.0219764	1.48853	1.48853	0.725753	1.0523	1.0523	0.872439	1.02353	1.02353	0.113474	0.77933	-1.28315	0.392836	0.880984	-1.13509	0.0762357	1.3305	1.3305	0.945168	1.01001	1.01001	2.51363	0.834242	0.295011	1
cg15377518	ZEB2;ZEB2;ZEB2	0.104425	0.059749	0.485881	-2.05812	0.0815058	1.9271	1.9271	0.147848	1.69471	1.69471	0.213812	1.56007	1.56007	0.037745	2.26761	2.26761	0.778629	1.10048	1.10048	0.380473	0.736643	-1.35751	0.500491	0.792674	-1.26155	0.378954	1.3589	1.3589	2.51363	4.59556	1.62512	1
cg24244478	MAP6;MAP6	0.104428	0.0673191	0.54344	-1.84013	0.377163	1.30938	1.30938	0.00847331	0.36799	-2.71746	0.383096	0.766403	-1.3048	0.154643	0.635623	-1.57326	0.592418	0.851515	-1.17438	0.587717	1.17683	1.17683	0.274319	0.71295	-1.40262	0.103352	0.588654	-1.69879	2.51359	3.52229	1.2456	1
cg11868921	CNKSR3	0.104429	0.347535	0.557644	-1.79326	0.0088905	0.133955	-7.46518	0.120322	0.361521	-2.76609	0.576979	0.711584	-1.40532	0.204436	0.445481	-2.24476	0.418843	0.607265	-1.64673	0.0287129	0.210565	-4.74914	0.332862	1.82791	1.82791	0.708632	0.797186	-1.25441	2.51359	14.5145	5.13281	1
cg00766289	TSPAN9;TSPAN9	0.104429	0.0318751	0.116184	-8.60704	0.980897	0.979716	-1.0207	0.685646	1.41665	1.41665	0.181993	0.297453	-3.36188	0.216416	0.328457	-3.04454	0.253464	0.36031	-2.77539	0.0180102	0.0854656	-11.7006	0.0246538	0.101257	-9.87588	0.488181	0.54729	-1.82718	2.51358	29.1638	10.3133	1
cg02991464	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.10443	0.0198228	0.523723	-1.90941	0.0118688	0.485697	-2.0589	0.912715	1.02553	1.02553	0.656764	0.902273	-1.10831	0.749288	0.928929	-1.07651	0.504907	0.855924	-1.16833	0.187512	1.37874	1.37874	0.853083	1.04355	1.04355	0.693192	1.09546	1.09546	2.51357	2.10466	0.744283	1
cg25074458	PIN1	0.104431	0.183705	0.806599	-1.23977	0.145805	0.788227	-1.26867	0.496371	0.900105	-1.11098	0.0621747	0.726177	-1.37707	0.0294473	0.676529	-1.47813	0.510616	1.10704	1.10704	0.0207996	0.654404	-1.52811	0.473223	0.894791	-1.11758	0.0663028	0.730617	-1.36871	2.51356	0.924432	0.326914	1
cg07651080	ROBO2;ROBO2	0.104434	0.324728	0.716346	-1.39597	0.0166151	0.383096	-2.61031	0.0648405	0.506524	-1.97424	0.140456	0.594414	-1.68233	0.696711	0.879426	-1.13711	0.800005	0.920101	-1.08684	0.0660176	1.967	1.967	0.885059	1.04859	1.04859	0.338635	0.723579	-1.38202	2.51354	4.28353	1.51483	1
cg21920570	MACROD1	0.104437	0.190489	2.09839	2.09839	0.249831	1.90208	1.90208	0.938332	0.959477	-1.04223	0.702416	1.2278	1.2278	0.494981	1.4484	1.4484	0.467671	1.48451	1.48451	0.00780424	6.20805	6.20805	0.0293098	3.94534	3.94534	0.0481949	3.3438	3.3438	2.5135	11.3778	4.02371	1
cg21158781	TLE4	0.104437	0.1744	1.41727	1.41727	0.565754	1.15043	1.15043	0.547414	1.1583	1.1583	0.0454924	1.7396	1.7396	0.717203	0.915945	-1.09177	0.565903	1.15036	1.15036	0.015489	2.04792	2.04792	0.0733214	1.61934	1.61934	0.0277012	1.87426	1.87426	2.5135	2.31935	0.820231	1
cg03421014	MGST2	0.104438	0.516802	0.894042	-1.11852	0.950057	1.01073	1.01073	0.826219	1.03818	1.03818	0.573558	1.10175	1.10175	0.0203335	0.620897	-1.61057	0.399238	1.15842	1.15842	0.0197629	1.61552	1.61552	0.39653	1.15945	1.15945	0.307292	0.835199	-1.19732	2.51349	1.15586	0.408766	1
cg00737224	ELL	0.104441	0.0652057	0.671184	-1.48991	0.62533	1.09943	1.09943	0.593729	1.10928	1.10928	0.575468	0.89675	-1.11514	0.0064727	0.505691	-1.97749	0.314988	1.22156	1.22156	0.489471	1.1448	1.1448	0.856184	1.03556	1.03556	0.612853	1.10327	1.10327	2.51346	1.4768	0.522273	1
cg03909800	MYO6	0.104441	0.0196777	0.422451	-2.36714	0.243589	0.688579	-1.45227	0.352084	1.34025	1.34025	0.648415	1.15072	1.15072	0.0654637	0.531363	-1.88195	0.70389	1.12387	1.12387	0.0532626	0.510931	-1.95721	0.0922173	0.567339	-1.76261	0.618718	0.857758	-1.16583	2.51346	3.72301	1.31665	1
cg26574247	ENPP7	0.104442	0.0468543	0.174649	-5.72578	0.0780846	0.222842	-4.48749	0.0301112	0.141433	-7.07047	0.23538	0.385307	-2.59533	0.0557112	0.189659	-5.27262	0.0904613	0.239166	-4.18119	0.0544149	0.187544	-5.33209	0.0471123	0.175106	-5.71083	0.319922	0.454665	-2.19942	2.51345	23.4113	8.27947	1
cg06714705	OLFML1;OLFML1	0.104444	0.421951	0.750525	-1.3324	0.459163	1.30171	1.30171	0.0882452	0.517848	-1.93107	0.202008	0.624193	-1.60207	0.00565911	0.280804	-3.5612	0.492765	1.27597	1.27597	0.936509	1.02826	1.02826	0.336092	0.706807	-1.41481	0.19154	0.616481	-1.62211	2.51343	4.87206	1.72303	1
cg04264608	IKZF1	0.104444	0.702335	1.07158	1.07158	0.229061	0.796728	-1.25513	0.0646856	0.688268	-1.45292	0.498468	1.13169	1.13169	0.309506	1.20845	1.20845	0.319844	1.2033	1.2033	0.0162489	1.69749	1.69749	0.620428	0.914043	-1.09404	0.152156	1.31807	1.31807	2.51342	1.29023	0.456299	1
cg02956355	CMIP	0.104447	0.715334	0.904264	-1.10587	0.115932	1.59913	1.59913	0.0494582	1.8514	1.8514	0.0521266	1.83488	1.83488	0.437323	1.2432	1.2432	0.017079	2.22291	2.22291	0.505253	0.830488	-1.20411	0.540512	0.843465	-1.18559	0.978801	1.00733	1.00733	2.51339	3.00488	1.06271	1
cg05845236	PCDH9;PCDH9	0.104449	0.0267128	0.594658	-1.68164	0.589142	1.11399	1.11399	0.140464	1.36881	1.36881	0.383439	0.837827	-1.19356	0.0886897	0.689502	-1.45032	0.593184	0.898742	-1.11267	0.0698639	1.4938	1.4938	0.441112	0.855969	-1.16827	0.585299	1.11526	1.11526	2.51337	1.56026	0.551808	1
cg21515243	RIOK3;RIOK3	0.10445	0.17566	0.847365	-1.18013	0.882846	1.0171	1.0171	0.455742	1.09131	1.09131	0.102176	0.814049	-1.22843	0.100232	1.23014	1.23014	0.218305	1.1606	1.1606	0.468606	0.918685	-1.08851	0.12551	1.2101	1.2101	0.0354809	1.32523	1.32523	2.51336	0.526584	0.186234	1
cg02858132	STAG1	0.104451	0.267702	0.64275	-1.55581	0.100715	1.99023	1.99023	0.126672	1.88226	1.88226	0.483765	0.761523	-1.31316	0.112873	0.516529	-1.936	0.816917	1.09284	1.09284	0.0189796	0.337094	-2.96653	0.694863	1.1629	1.1629	0.441402	0.740433	-1.35056	2.51336	5.83361	2.06315	1
cg16947947	COQ2	0.104454	0.331049	1.16805	1.16805	0.0149574	0.629124	-1.58951	0.982111	1.00348	1.00348	0.134376	1.28406	1.28406	0.813382	1.03731	1.03731	0.721002	1.05711	1.05711	0.0705642	0.731246	-1.36753	0.167346	1.25605	1.25605	0.697739	0.941342	-1.06231	2.51333	0.954932	0.337731	1
cg22088420	ZNF541	0.104459	0.179409	0.73769	-1.35558	0.0667676	0.645022	-1.55033	0.188529	0.742877	-1.34612	0.267696	1.27931	1.27931	0.0206229	0.551687	-1.81262	0.769745	0.939304	-1.06462	0.0686142	0.647364	-1.54473	0.0722588	0.651835	-1.53413	0.202318	0.75038	-1.33266	2.51327	1.81158	0.640715	1
cg23238834	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.104459	0.131901	0.588233	-1.70001	0.446443	0.776294	-1.28817	0.594679	1.19152	1.19152	0.853068	1.06236	1.06236	0.721231	0.889666	-1.12402	0.748323	1.11076	1.11076	0.00687833	0.31924	-3.13244	0.0398297	0.460525	-2.17143	0.192578	0.637629	-1.56831	2.51327	4.23807	1.49891	1
cg10654866	PGLS	0.104459	0.0244271	0.106757	-9.3671	0.274908	0.387604	-2.57996	0.344941	0.444143	-2.25153	0.802878	0.811654	-1.23205	0.0241217	0.106055	-9.42903	0.441922	0.519862	-1.92359	0.0293678	0.11754	-8.50774	0.0495415	0.154191	-6.48546	0.138833	0.264658	-3.77846	2.51327	27.7084	9.79988	1
cg15676916	DOCK1	0.10446	0.922182	1.02682	1.02682	0.244637	1.39059	1.39059	0.841383	0.947165	-1.05578	0.224257	1.41319	1.41319	0.00611726	0.379358	-2.63603	0.829444	0.943233	-1.06018	0.121771	1.57524	1.57524	0.648287	0.883015	-1.13248	0.746526	0.915891	-1.09183	2.51326	2.92123	1.03318	1
cg22797991	ATP10A	0.10446	0.515645	0.872244	-1.14647	0.0313449	1.68823	1.68823	0.158831	1.36656	1.36656	0.139429	1.39071	1.39071	0.334484	0.813505	-1.22925	0.596077	1.11731	1.11731	0.0781996	0.666474	-1.50043	0.131549	1.40154	1.40154	0.267194	1.27086	1.27086	2.51326	1.71157	0.605347	1
cg05625074	MFSD7	0.104462	0.0521339	0.248822	-4.01893	0.415731	0.592275	-1.68841	0.116045	0.341122	-2.9315	0.87982	1.09995	1.09995	0.0511633	0.247001	-4.04857	0.236383	0.457839	-2.18417	0.0115378	0.136804	-7.30974	0.242936	0.463283	-2.15851	0.0620421	0.266351	-3.75444	2.51324	15.7817	5.58174	1
cg26900995	CYTSB;CYTSB;CYTSB;CYTSB	0.104463	0.490448	0.848907	-1.17798	0.00331828	0.392545	-2.54748	0.765765	0.932518	-1.07237	0.664967	1.10726	1.10726	0.664567	0.903008	-1.10741	0.420029	0.824762	-1.21247	0.647185	0.897842	-1.11378	0.0519168	0.596183	-1.67734	0.74901	1.07796	1.07796	2.51323	2.17671	0.769869	1
cg11776336	NXN	0.104468	0.0294563	0.71805	-1.39266	0.23967	0.852965	-1.17238	0.16206	0.824618	-1.21268	0.0224385	0.702401	-1.42369	0.0524386	0.752104	-1.3296	0.206139	0.841764	-1.18798	0.346382	1.13344	1.13344	0.159625	0.823566	-1.21423	0.324107	0.876745	-1.14058	2.51318	0.664096	0.234885	1
cg06856570	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.104469	0.273496	0.755479	-1.32366	0.157685	1.45024	1.45024	0.203118	0.718511	-1.39177	0.837835	0.950825	-1.05172	0.0353134	1.82782	1.82782	0.0854897	0.626415	-1.59639	0.612964	1.13373	1.13373	0.0800321	0.62008	-1.61269	0.505301	0.84677	-1.18096	2.51317	2.40986	0.85235	1
cg05381795	OPRL1;OPRL1	0.104471	0.0713313	0.510387	-1.9593	0.0383795	0.448778	-2.22827	0.12199	0.571354	-1.75023	0.773005	1.1014	1.1014	0.0137956	0.361878	-2.76336	0.891608	1.04658	1.04658	0.526627	0.807157	-1.23892	0.133233	0.582228	-1.71754	0.106781	0.555429	-1.80041	2.51314	4.43848	1.56988	1
cg00323266	RAB10	0.104473	0.38097	0.770852	-1.29727	0.0238317	2.18383	2.18383	0.00964429	2.58247	2.58247	0.792337	1.07941	1.07941	0.408007	1.27776	1.27776	0.953262	1.01712	1.01712	0.666469	0.881983	-1.13381	0.451184	0.80065	-1.24899	0.432953	1.26081	1.26081	2.51312	3.33857	1.18085	1
cg02469971	TFDP1;TFDP1	0.104473	0.135667	0.34471	-2.90099	0.00389924	0.0762594	-13.1131	0.110362	0.315887	-3.16569	0.802445	1.1806	1.1806	0.0866263	0.285504	-3.50258	0.257309	0.45705	-2.18794	0.382235	0.552392	-1.81031	0.415909	0.576544	-1.73447	0.634249	0.72802	-1.37359	2.51312	17.4587	6.17514	1
cg10443315	MIR548I3	0.104474	0.832803	0.959204	-1.04253	0.256091	0.791703	-1.2631	0.165134	0.746983	-1.33872	0.219049	0.775171	-1.29004	0.00354189	0.458945	-2.17891	0.915348	0.979269	-1.02117	0.214594	0.773052	-1.29357	0.116288	0.714433	-1.39971	0.120481	0.717618	-1.3935	2.51311	1.54505	0.546484	1
cg21895387	LASS3	0.104479	0.0982003	3.55855	3.55855	0.0672376	4.20099	4.20099	0.636541	1.39531	1.39531	0.278406	2.20066	2.20066	0.101803	3.50238	3.50238	0.175107	2.74345	2.74345	0.00434915	14.3904	14.3904	0.281641	2.18815	2.18815	0.432721	1.75121	1.75121	2.51306	19.4932	6.89491	1
cg20598389	C6orf89	0.104482	0.483414	1.14173	1.14173	0.322635	1.2094	1.2094	0.161294	1.32101	1.32101	0.0326611	0.628014	-1.59232	0.681595	1.07979	1.07979	0.129838	1.35596	1.35596	0.525218	0.887091	-1.12728	0.688501	1.07788	1.07788	0.0245631	1.646	1.646	2.51303	1.37833	0.487533	1
cg12296644	GNRHR2;PEX11B	0.104488	0.0120469	1.53549	1.53549	0.0532175	0.740215	-1.35096	0.950757	0.991577	-1.00849	0.140213	1.24277	1.24277	0.295198	1.1603	1.1603	0.665785	1.06133	1.06133	0.997738	1.00039	1.00039	0.653321	0.939956	-1.06388	0.386483	0.885513	-1.12929	2.51296	0.746587	0.264084	1
cg13833923	NRXN3;NRXN3;NRXN3;NRXN3;NRXN3	0.104489	0.0616049	0.321214	-3.11319	0.533898	1.40471	1.40471	0.0660883	3.04065	3.04065	0.163611	0.448474	-2.22978	0.239498	0.514586	-1.94331	0.434061	0.650149	-1.53811	0.454078	1.50884	1.50884	0.0492955	3.35464	3.35464	0.803161	0.873965	-1.14421	2.51296	11.5797	4.09601	1
cg26258152	DNAJB2;DNAJB2	0.104489	0.729449	0.941034	-1.06266	0.709131	0.936513	-1.06779	0.0285491	1.5719	1.5719	0.437932	0.870659	-1.14855	0.00980507	0.564656	-1.77099	0.547494	0.898928	-1.11244	0.37883	0.853809	-1.17122	0.375942	0.852947	-1.17241	0.909737	1.02005	1.02005	2.51295	1.21954	0.431379	1
cg10068408	SLC22A8	0.10449	0.278717	0.648257	-1.5426	0.00857278	0.275125	-3.63471	0.493605	0.765238	-1.30678	0.140395	0.543123	-1.8412	0.0744179	0.465335	-2.14899	0.0534262	0.42983	-2.3265	0.169971	0.569756	-1.75514	0.0522857	0.427619	-2.33853	0.83238	0.921667	-1.08499	2.51295	5.89522	2.08528	1
cg02699432	RGPD2	0.104491	0.380645	0.810998	-1.23305	0.668044	1.10572	1.10572	0.0959038	1.53113	1.53113	0.0845685	1.55958	1.55958	0.0554148	1.6583	1.6583	0.462326	0.840043	-1.19041	0.167	1.40945	1.40945	0.0608095	0.611191	-1.63615	0.826854	0.950248	-1.05236	2.51294	2.15983	0.763988	1
cg05323560	OR4F4	0.104494	0.0991676	0.472406	-2.11682	0.0237774	0.326459	-3.06318	0.136544	0.514052	-1.94533	0.0584573	0.411898	-2.42779	0.200226	0.570439	-1.75304	0.953221	1.02464	1.02464	0.0130264	0.278569	-3.58978	0.568016	0.787083	-1.27051	0.534448	0.770271	-1.29824	2.5129	6.84987	2.42301	1
cg11533392	SAP130;SAP130	0.104501	0.674657	1.14349	1.14349	0.0552102	1.99432	1.99432	0.0518309	0.495217	-2.01932	0.358277	1.34989	1.34989	0.554649	1.20901	1.20901	0.702647	0.88531	-1.12955	0.0325525	0.45177	-2.21352	0.428138	1.29295	1.29295	0.320297	1.38563	1.38563	2.51283	4.01433	1.42003	1
cg16579431	TMEM8A;LOC100134368	0.104501	0.013269	0.270597	-3.69553	0.433854	0.711669	-1.40515	0.892712	0.944144	-1.05916	0.134738	0.503168	-1.98741	0.0421408	0.368906	-2.71072	0.324637	0.648403	-1.54225	0.0364259	0.354943	-2.81736	0.0604891	0.405922	-2.46353	0.810841	0.902914	-1.10752	2.51283	7.21998	2.554	1
cg19827346	SYNE1;SYNE1	0.104502	0.244034	1.634	1.634	0.0668166	0.43699	-2.28838	0.0228195	2.99668	2.99668	0.213015	1.69614	1.69614	0.408828	0.711532	-1.40542	0.556937	0.787149	-1.27041	0.56754	0.792318	-1.26212	0.879662	0.94079	-1.06294	0.0978244	2.07861	2.07861	2.51282	6.45934	2.28494	1
cg09379492	FAM53B	0.104502	0.64094	1.18722	1.18722	0.0127413	3.09813	3.09813	0.0132236	3.07116	3.07116	0.794607	1.10001	1.10001	0.22733	0.629358	-1.58892	0.796533	1.099	1.099	0.294994	1.48707	1.48707	0.675622	1.16621	1.16621	0.599904	1.21334	1.21334	2.51282	5.31256	1.87927	1
cg00064284	YAP1;YAP1	0.104503	0.39774	0.829912	-1.20495	0.332494	1.24018	1.24018	0.019092	1.84188	1.84188	0.0660816	0.641515	-1.55881	0.126984	1.42673	1.42673	0.87041	1.03578	1.03578	0.167423	1.3728	1.3728	0.477319	1.16832	1.16832	0.202011	1.33651	1.33651	2.51281	1.84499	0.652654	1
cg09941143	NOSIP	0.104507	0.186698	2.05264	2.05264	0.224687	1.92559	1.92559	0.220324	1.9388	1.9388	0.12907	2.3225	2.3225	0.104291	2.49016	2.49016	0.0954572	2.56266	2.56266	0.0103889	5.24918	5.24918	0.0249356	3.93924	3.93924	0.124797	2.34836	2.34836	2.51277	10.5046	3.716	1
cg05218510	ITPRIPL2;ITPRIPL2	0.104508	0.176722	1.5346	1.5346	0.0356009	0.482151	-2.07404	0.473059	1.24314	1.24314	0.0980508	1.71809	1.71809	0.148086	0.629567	-1.58839	0.588757	0.849774	-1.17678	0.252896	0.700373	-1.42781	0.113158	1.67225	1.67225	0.695172	0.889191	-1.12462	2.51275	3.53953	1.25211	1
cg24983959	RTN4RL2	0.104509	0.538606	0.897177	-1.11461	0.0928328	0.724507	-1.38025	0.733941	0.942279	-1.06126	0.548216	0.899529	-1.11169	0.0733931	0.706164	-1.4161	0.00760589	0.549824	-1.81876	0.0364368	0.654574	-1.52771	0.90324	0.979028	-1.02142	0.811446	1.04253	1.04253	2.51275	1.20864	0.42756	1
cg21138550	SMG6;SMG6	0.104509	0.161196	1.66671	1.66671	0.340054	1.39889	1.39889	0.550818	0.813799	-1.2288	0.461813	0.774345	-1.29141	0.0448911	0.455721	-2.19432	0.470218	0.778182	-1.28505	0.0105722	0.333581	-2.99777	0.715502	1.13311	1.13311	0.844597	0.935197	-1.06929	2.51275	4.63813	1.64075	1
cg07147614	STK32C	0.104511	0.663738	0.924235	-1.08198	0.00331165	0.486519	-2.05542	0.884947	0.974259	-1.02642	0.518926	1.12499	1.12499	0.637036	1.08938	1.08938	0.803498	0.956089	-1.04593	0.625753	0.915277	-1.09257	0.152708	0.758915	-1.31767	0.362074	1.1838	1.1838	2.51272	1.29102	0.456704	1
cg13323752	SLC2A14	0.104512	0.177892	3.00893	3.00893	0.0798375	4.46201	4.46201	0.0737632	4.63501	4.63501	0.632434	1.44887	1.44887	0.75669	0.787312	-1.27014	0.705513	0.746687	-1.33925	0.0170284	9.37952	9.37952	0.0554702	5.31282	5.31282	0.073237	4.65097	4.65097	2.51272	23.5602	8.33456	1
cg18540255	RNF135;RNF135	0.104512	0.0823598	0.765467	-1.30639	0.800515	1.03579	1.03579	0.102472	0.780214	-1.2817	0.483846	0.905903	-1.10387	0.0219742	0.682722	-1.46473	0.0119628	0.646927	-1.54577	0.179833	0.820491	-1.21878	0.416912	0.891161	-1.12213	0.980507	0.996612	-1.0034	2.51271	0.767688	0.271575	1
cg21803052	MYC	0.104518	0.103979	0.495806	-2.01692	0.104465	0.496383	-2.01457	0.724277	0.869555	-1.15001	0.319909	1.50025	1.50025	0.77758	1.11825	1.11825	0.568945	1.25508	1.25508	0.32089	1.49893	1.49893	0.30577	1.51967	1.51967	0.0126873	3.39576	3.39576	2.51265	6.19806	2.19265	1
cg13414478	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.104518	0.035803	0.512636	-1.9507	0.262918	0.726662	-1.37616	0.480081	0.821703	-1.21699	0.0193211	0.461187	-2.16832	0.993025	0.997612	-1.00239	0.391497	1.27147	1.27147	0.595292	0.86359	-1.15796	0.314936	1.32879	1.32879	0.167338	1.49579	1.49579	2.51265	2.97802	1.05352	1
cg08888412	DHX38;TXNL4B;TXNL4B;DHX38;TXNL4B;TXNL4B	0.104519	0.376515	0.828417	-1.20712	0.0262222	0.578701	-1.72801	0.0981646	1.45685	1.45685	0.133467	0.714806	-1.39898	0.0256203	0.576957	-1.73323	0.35418	0.820599	-1.21862	0.930141	0.981977	-1.01835	0.386119	0.831696	-1.20236	0.857369	1.03802	1.03802	2.51264	1.71216	0.605705	1
cg07156273	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.104522	0.529191	1.26078	1.26078	0.0652462	2.12197	2.12197	0.0373829	2.4064	2.4064	0.187974	1.66057	1.66057	0.290424	1.49008	1.49008	0.212116	1.61248	1.61248	0.0170158	2.87984	2.87984	0.0233777	2.67714	2.67714	0.166918	1.70856	1.70856	2.51261	5.25834	1.86025	1
cg00564212	LTBP4	0.104523	0.559075	1.29899	1.29899	0.0192292	0.28535	-3.50446	0.0993132	0.449347	-2.22545	0.331273	0.641562	-1.5587	0.353727	0.655418	-1.52574	0.0426709	0.355861	-2.81008	0.024171	0.30416	-3.28775	0.951234	0.973283	-1.02745	0.32455	0.637332	-1.56904	2.51259	7.80164	2.76001	1
cg04878813	TRIM60	0.104524	0.704822	0.950736	-1.05182	0.468255	0.906684	-1.10292	0.253728	0.853667	-1.17142	0.679565	1.05668	1.05668	0.267405	0.857819	-1.16575	0.0618691	1.32196	1.32196	0.00837816	1.56378	1.56378	0.672482	1.05807	1.05807	0.991407	0.998572	-1.00143	2.51258	0.701154	0.248051	1
cg02636947	C11orf53	0.104526	0.687451	0.803947	-1.24386	0.27138	0.539116	-1.85489	0.662829	0.789214	-1.26708	0.174268	0.458492	-2.18106	0.0205253	0.221812	-4.50833	0.0543071	0.307806	-3.2488	0.0102718	0.174588	-5.72776	0.155766	0.44067	-2.26927	0.229072	0.506093	-1.97592	2.51257	11.5853	4.0986	1
cg03148461	BRAF	0.104527	0.535813	0.811583	-1.23216	0.0416233	2.18609	2.18609	0.200751	1.56823	1.56823	0.926847	1.03105	1.03105	0.880363	0.951089	-1.05143	0.676925	1.14972	1.14972	0.00968075	0.336243	-2.97404	0.984622	1.00644	1.00644	0.497479	0.79505	-1.25778	2.51255	4.41172	1.56077	1
cg04604505	SCAMP4	0.104529	0.770389	0.949698	-1.05297	0.467277	0.877707	-1.13933	0.0994987	0.72731	-1.37493	0.683467	1.07497	1.07497	0.514315	0.889921	-1.12369	0.267716	1.22581	1.22581	0.0126962	1.72669	1.72669	0.0902382	0.719465	-1.38992	0.590467	0.908638	-1.10055	2.51253	1.23753	0.437815	1
cg04916485	CRB2	0.10453	0.984143	0.996542	-1.00347	0.147299	0.762554	-1.31138	0.0195703	0.611529	-1.63525	0.548114	1.11176	1.11176	0.565198	1.10667	1.10667	0.643036	0.92186	-1.08476	0.0242412	1.59725	1.59725	0.470146	1.13665	1.13665	0.805701	1.0439	1.0439	2.51253	1.20931	0.427833	1
cg10996527	PTK2;PTK2	0.10453	0.429445	1.63278	1.63278	0.755545	1.20905	1.20905	0.639124	0.750445	-1.33254	0.183469	2.35807	2.35807	0.211134	0.44896	-2.22737	0.333532	1.83365	1.83365	0.197681	0.437062	-2.288	0.0077408	7.99848	7.99848	0.291177	1.94605	1.94605	2.51252	14.7028	5.20161	1
cg10635645	APOLD1;APOLD1	0.104531	0.0789329	2.88607	2.88607	0.00631057	6.90651	6.90651	0.853899	0.904703	-1.10533	0.744662	0.837322	-1.19428	0.164732	2.23727	2.23727	0.197672	2.09548	2.09548	0.0932589	2.72667	2.72667	0.139026	2.37527	2.37527	0.570438	1.36552	1.36552	2.51251	11.7452	4.15529	1
cg11212589	ZPBP2;ZPBP2	0.104532	0.287344	0.417283	-2.39646	0.109179	0.25109	-3.98264	0.0882109	0.225747	-4.42975	0.261651	0.396112	-2.52454	0.0556699	0.179882	-5.55921	0.13269	0.277062	-3.60931	0.00942621	0.0740162	-13.5106	0.0399636	0.152848	-6.54247	0.321732	0.444913	-2.24763	2.5125	24.9057	8.81128	1
cg00454719	SMAD9;SMAD9	0.104532	0.0900918	0.420084	-2.38047	0.887122	0.936185	-1.06817	0.140944	0.479405	-2.08592	0.215973	1.83047	1.83047	0.0141538	0.245226	-4.07788	0.155138	0.493446	-2.02657	0.90825	0.947881	-1.05498	0.497946	1.37637	1.37637	0.112144	0.447931	-2.23249	2.5125	8.57767	3.03466	1
cg26811159	NOX4;NOX4;NOX4;NOX4	0.104533	0.182834	0.471857	-2.11928	0.00457862	0.134561	-7.43159	0.0506242	0.306213	-3.2657	0.256978	0.53333	-1.87501	0.130344	0.419744	-2.3824	0.785735	0.865207	-1.15579	0.251163	0.528853	-1.89088	0.131945	0.421494	-2.37251	0.688285	0.807123	-1.23897	2.51249	11.234	3.97446	1
cg16660677	SELE	0.104534	0.329173	0.714804	-1.39898	0.0784532	0.517223	-1.9334	0.0776436	0.516061	-1.93776	0.838672	1.06999	1.06999	0.072355	0.508227	-1.96763	0.162191	0.606422	-1.64902	0.0228439	0.394614	-2.53413	0.0240465	0.39918	-2.50514	0.0873381	0.529406	-1.88891	2.6694	4.55597	1.32746	1
cg24769295	MARK2;MARK2;MARK2;MARK2	0.104535	0.309599	0.568314	-1.75959	0.0160336	4.87506	4.87506	0.130883	2.40279	2.40279	0.470952	0.674266	-1.48309	0.23999	0.516232	-1.93711	0.45523	1.50493	1.50493	0.128146	0.413164	-2.42035	0.253186	1.89905	1.89905	0.817353	0.883092	-1.13239	2.51247	11.4928	4.06603	1
cg16466314	SNHG9;SNORA78;RPS2	0.104535	0.333597	1.2239	1.2239	0.0629268	1.52784	1.52784	0.538617	1.13443	1.13443	0.67178	1.09018	1.09018	0.157075	1.35876	1.35876	0.174162	0.746117	-1.34027	0.044819	0.627156	-1.5945	0.101632	0.695542	-1.43773	0.583763	1.11862	1.11862	2.51247	1.63315	0.577795	1
cg19948549	D4S234E;D4S234E	0.104539	0.315004	0.670337	-1.49179	0.0877054	0.484026	-2.066	0.110662	0.512139	-1.9526	0.0194462	0.337035	-2.96705	0.569585	0.801518	-1.24763	0.655727	0.841356	-1.18856	0.0718322	2.16774	2.16774	0.415054	1.37811	1.37811	0.508322	0.772345	-1.29476	2.51243	5.897	2.08633	1
cg11297382	ATP5G2;ATP5G2;ATP5G2	0.104544	0.687882	0.770204	-1.29836	0.881143	0.90794	-1.10139	0.629347	1.36985	1.36985	0.278107	2.09211	2.09211	0.0102139	0.101874	-9.81604	?	?	?	0.161024	2.69019	2.69019	?	?	?	0.741375	0.807351	-1.23862	2.94649	14.3949	4.18751	1
cg10546176	DNAJC21;DNAJC21	0.104546	0.95161	0.978221	-1.02226	0.0711957	2.07759	2.07759	0.0934482	1.95313	1.95313	0.134483	1.79592	1.79592	0.923613	0.965801	-1.03541	0.189411	0.603882	-1.65595	0.0903272	0.508047	-1.96832	0.143534	1.76877	1.76877	0.12886	1.81387	1.81387	2.51235	5.23815	1.85329	1
cg16443434	PTEN;KILLIN;KILLIN	0.104547	0.792103	1.12802	1.12802	0.208995	1.83792	1.83792	0.217719	1.81442	1.81442	?	?	?	0.408512	1.47213	1.47213	0.753977	0.866415	-1.15418	0.0100164	0.214624	-4.65932	0.169798	0.510091	-1.96044	0.803867	0.892732	-1.12016	2.69487	7.71832	2.50607	1
cg18098867	TNS3	0.104547	0.296084	0.619315	-1.61469	0.110529	0.463449	-2.15773	0.0187863	0.283924	-3.52207	0.741162	0.863645	-1.15788	0.0620752	0.394947	-2.53198	0.206797	0.554985	-1.80185	0.749864	1.15195	1.15195	0.352118	1.52725	1.52725	0.0395646	0.348982	-2.86547	2.51235	7.78203	2.75335	1
cg02308112	ARF1;ARF1;ARF1;ARF1	0.104549	0.854958	1.02185	1.02185	0.0955922	1.24142	1.24142	0.0395941	1.32463	1.32463	0.972123	0.995881	-1.00414	0.15876	1.19475	1.19475	0.996821	0.999529	-1.00047	0.43411	0.91003	-1.09887	0.010874	1.45894	1.45894	0.163089	1.19227	1.19227	2.51233	0.555205	0.196437	1
cg14784497	LRRN1;LRRN1	0.104549	0.718871	0.9497	-1.05296	0.063984	1.34611	1.34611	0.189029	1.21977	1.21977	0.371373	1.14001	1.14001	0.467045	0.89973	-1.11144	0.672414	0.941086	-1.0626	0.0123624	0.641046	-1.55995	0.475853	0.901666	-1.10906	0.351452	1.14672	1.14672	2.51233	0.811045	0.286956	1
cg26974427	RAB11FIP1;RAB11FIP1;RAB11FIP1	0.10455	0.271724	0.700723	-1.4271	0.0220854	0.426057	-2.3471	0.0576417	0.5131	-1.94894	0.842877	0.940177	-1.06363	0.466388	0.79422	-1.2591	0.17262	0.636875	-1.57017	0.0466683	2.03003	2.03003	0.472783	0.79693	-1.25481	0.824987	0.933474	-1.07127	2.51232	3.84445	1.36022	1
cg16252808	C19orf24	0.10455	0.642455	0.888028	-1.12609	0.849195	1.04954	1.04954	0.0309617	1.90291	1.90291	0.316162	0.768573	-1.30111	0.958484	0.986865	-1.01331	0.346898	0.781913	-1.27892	0.416525	0.809852	-1.23479	0.0879075	0.619789	-1.61345	0.0332444	1.88159	1.88159	2.51231	2.56686	0.908188	1
cg08800878	EMX1	0.104551	0.0843149	0.158006	-6.32889	0.158563	0.233113	-4.28977	0.427784	0.457365	-2.18644	0.0483048	0.11301	-8.84879	0.0329374	0.0897894	-11.1372	0.270087	0.329691	-3.03314	0.011729	0.0477319	-20.9503	0.764034	0.747598	-1.33762	0.119758	0.195735	-5.10894	2.51231	37.1474	13.1433	1
cg24472965	NXPH2	0.104552	0.252352	1.48235	1.48235	0.036904	0.450266	-2.22091	0.674065	0.870005	-1.14942	0.273297	0.687063	-1.45547	0.00739345	0.321053	-3.11475	0.370231	0.738655	-1.35381	0.525154	0.808981	-1.23612	0.66657	1.15339	1.15339	0.400585	0.753323	-1.32745	2.51229	4.31232	1.52577	1
cg20948956	LTBP1	0.104554	0.835266	1.09539	1.09539	0.382127	0.675588	-1.48019	0.0511184	0.378366	-2.64294	0.653643	1.21849	1.21849	0.697786	1.18617	1.18617	0.0964774	2.22214	2.22214	0.439661	1.41175	1.41175	0.833784	0.912158	-1.0963	0.0133375	0.261514	-3.82388	2.51227	7.6168	2.69497	1
cg05626079	SCARA3	0.104555	0.0565855	0.601094	-1.66363	0.453485	1.19733	1.19733	0.508515	0.853691	-1.17138	0.911577	1.02655	1.02655	0.11231	0.665152	-1.50342	0.635933	0.893627	-1.11903	0.0381791	1.76234	1.76234	0.337778	0.792106	-1.26246	0.053648	0.596417	-1.67668	2.51226	2.21314	0.783056	1
cg12265959	FAM167A	0.104556	0.0304732	0.647756	-1.54379	0.447936	0.876284	-1.14118	0.183662	1.27235	1.27235	0.34357	0.846531	-1.18129	0.0807729	0.718442	-1.3919	0.247232	0.813351	-1.22948	0.0369752	0.661221	-1.51235	0.0569177	0.692178	-1.44472	0.555809	0.903263	-1.1071	2.51226	1.16017	0.410491	1
cg22277994	SSTR2	0.104556	0.28404	0.838189	-1.19305	0.0816343	1.35809	1.35809	0.0265375	1.51746	1.51746	0.335278	0.854198	-1.17069	0.590431	0.917434	-1.09	0.162412	1.26687	1.26687	0.433914	0.881051	-1.13501	0.483996	1.11942	1.11942	0.0678109	1.38326	1.38326	2.51226	1.00086	0.354125	1
cg13058868	SLC6A15;SLC6A15;SLC6A15	0.104561	0.369888	1.42525	1.42525	0.00804436	0.270772	-3.69315	0.065559	0.451458	-2.21504	0.327495	1.47544	1.47544	0.815892	1.0939	1.0939	0.903943	1.04755	1.04755	0.779266	0.897518	-1.11418	0.361244	0.696874	-1.43498	0.150265	0.552444	-1.81014	2.5122	5.89154	2.08459	1
cg18981277	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.104561	0.0259068	0.445737	-2.24348	0.0608201	0.524279	-1.90738	0.104449	0.581412	-1.71995	0.749976	0.906933	-1.10262	0.0587648	0.520867	-1.91988	0.0522307	0.509343	-1.96331	0.0306448	0.460272	-2.17263	0.361212	0.750674	-1.33214	0.177568	0.645447	-1.54931	2.5122	3.7145	1.3143	1
cg06804344	GP9	0.104567	0.89345	0.936679	-1.0676	0.748142	1.17029	1.17029	0.623896	0.785656	-1.27282	0.190607	0.508382	-1.96702	0.00334229	0.142355	-7.0247	0.815141	1.12111	1.12111	0.124437	0.44396	-2.25246	0.172047	0.491845	-2.03316	0.318139	0.604309	-1.65478	2.51214	9.48009	3.35441	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg07507518	FRMD6;FRMD6	0.104571	0.457835	1.47016	1.47016	0.0818995	2.67158	2.67158	0.0825837	2.6645	2.6645
cg10271547	SORCS2	0.104571	0.700441	1.09723	1.09723	0.710557	1.0936	1.0936	0.297435	0.771604	-1.296
cg10206452	KIAA1026;C1orf126	0.104572	0.578853	0.768273	-1.30162	0.19222	0.522585	-1.91356	0.276345	0.587222	-1.70293
cg09007470	PPP1R14A	0.104575	0.227926	0.630567	-1.58587	0.275105	0.661189	-1.51243	0.284146	1.49992	1.49992
cg12833720	BCL3	0.104576	0.301151	1.11571	1.11571	0.149753	1.17096	1.17096	0.271763	1.12403	1.12403
cg11476241	RPTOR;RPTOR	0.104576	0.835056	0.905014	-1.10496	0.017773	3.9733	3.9733	0.357701	0.635869	-1.57265
cg03817794	BRSK2	0.104578	0.079923	0.483855	-2.06674	0.16841	0.577895	-1.73042	0.903935	0.955892	-1.04614
cg17707347	TARBP1	0.104579	0.494472	1.1306	1.1306	0.906008	1.02112	1.02112	0.134177	1.3308	1.3308
cg25733613	PPP2R1B;PPP2R1B	0.104581	0.150336	0.838837	-1.19213	0.527874	0.929693	-1.07562	0.998184	0.999741	-1.00026
cg12974832	SNTB1	0.104588	0.0578145	0.172676	-5.79119	0.0563624	0.170456	-5.86663	0.291872	0.408391	-2.44863
cg17172851	PAX7;PAX7;PAX7	0.104592	?	?	?	?	?	?	?	?	?
cg03147990	ZNF585B	0.104593	0.986761	0.998101	-1.0019	0.185144	1.17467	1.17467	0.152709	1.1918	1.1918
cg15080232	TM4SF20	0.104593	0.317913	1.25715	1.25715	0.0196792	0.535485	-1.86747	0.360241	0.811795	-1.23184
cg05027125	TRIM38	0.104594	0.182703	0.359855	-2.7789	0.0887736	0.257462	-3.88407	0.447913	0.57176	-1.74898
cg20302533	POU6F2;POU6F2	0.104595	0.0880337	0.227858	-4.38869	0.0899505	0.230292	-4.34231	0.0696138	0.203042	-4.92509
cg19689800	KIR3DL1	0.1046	0.0785381	0.452182	-2.2115	0.0651405	0.431257	-2.3188	0.0182741	0.312399	-3.20103
cg07297567	THAP4;THAP4	0.104602	0.648359	0.925281	-1.08075	0.00689847	1.80674	1.80674	0.51309	1.11872	1.11872
cg03919488	PPM1H	0.104603	0.0363141	0.279961	-3.57193	0.240786	1.90102	1.90102	0.164256	2.17348	2.17348
cg04161137	C1QC;C1QC	0.104605	0.100901	0.505867	-1.97681	0.347049	0.692626	-1.44378	0.179177	0.582029	-1.71813
cg17840719	ZNF454;ZNF454	0.104606	0.21145	1.72213	1.72213	0.974422	0.986849	-1.01333	0.170374	1.82738	1.82738
cg14659129	C2orf76	0.104608	0.174745	0.321438	-3.11102	0.0220352	0.115407	-8.66499	0.138661	0.285538	-3.50216
cg10015871	KCNH3	0.10461	0.0724318	0.733616	-1.36311	0.0162281	0.634881	-1.5751	0.479952	0.89497	-1.11736
cg24693368	KCNJ3	0.10461	0.0582309	5.22538	5.22538	0.103963	3.94872	3.94872	0.841776	0.856926	-1.16696
cg21461720	PKDCC	0.10461	0.0430226	0.478767	-2.0887	0.0157038	0.391947	-2.55136	0.015898	0.392921	-2.54504
cg13243329	ATF3;ATF3;ATF3;ATF3;ATF3	0.104611	0.0206904	0.640347	-1.56165	0.900504	0.980186	-1.02021	0.595606	1.08948	1.08948
cg20078466	IKZF1	0.104612	0.289017	1.51293	1.51293	0.087895	2.0311	2.0311	0.0258817	2.70497	2.70497
cg12532546	MAD1L1;MAD1L1;MAD1L1	0.104613	0.0287547	0.193152	-5.17727	0.0438108	0.228287	-4.38045	0.0822856	0.293142	-3.41131
cg02922084	SMOC2;SMOC2	0.104616	0.0372087	0.592533	-1.68767	0.0627918	0.635715	-1.57303	0.0228139	0.554601	-1.8031
cg13254809	FBXO33	0.104618	0.654846	1.15535	1.15535	0.846605	0.939736	-1.06413	0.282076	0.698551	-1.43153
cg13727122	NINL	0.104619	0.637941	1.14197	1.14197	0.830674	1.06181	1.06181	0.263431	1.38614	1.38614
cg15974085	C18orf55;FBXO15;FBXO15	0.10462	0.24629	1.16621	1.16621	0.666414	0.946487	-1.05654	0.62531	1.0644	1.0644
cg03670835	FDX1L	0.104621	0.0184935	0.677286	-1.47648	0.149163	0.80979	-1.23489	0.368619	0.881661	-1.13422
cg23454289	CUX1;CUX1;CUX1	0.104621	0.762027	0.936093	-1.06827	0.175453	1.36792	1.36792	0.0120011	1.97662	1.97662
cg08309041	DPYSL4	0.104622	0.458504	1.93613	1.93613	0.111927	4.54979	4.54979	0.271139	2.72573	2.72573
cg24372558	CXXC4	0.104622	0.192496	0.861025	-1.16141	0.0471105	1.27949	1.27949	0.177078	1.1684	1.1684
cg26172812	TMEM143	0.104622	0.140895	3.35684	3.35684	0.482521	1.72591	1.72591	0.262552	2.44297	2.44297
cg26769984	C7orf50;C7orf50;C7orf50	0.104624	0.530373	1.3706	1.3706	0.0177467	4.17857	4.17857	0.00545099	6.13037	6.13037
cg19754709	ABCA3	0.104624	0.639177	1.16959	1.16959	0.00960334	2.96717	2.96717	0.949847	0.97935	-1.02109
cg17775621	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.104624	0.013582	0.592612	-1.68745	0.151686	0.76862	-1.30103	0.202743	0.794224	-1.25909
cg24042452	CCT3;CCT3;CCT3;C1orf182	0.104627	0.060773	0.281048	-3.55811	0.0855403	0.319446	-3.13042	0.36927	0.57484	-1.73962
cg05901852	TOX	0.104629	0.0372676	0.53404	-1.87252	0.513478	0.842033	-1.1876	0.289435	0.751787	-1.33016
cg08761208	IGDCC4	0.104631	0.611956	0.807624	-1.2382	0.0433442	2.63934	2.63934	0.912416	1.04703	1.04703
cg14495593	DCAF8L1;DCAF8L1	0.104632	0.44647	1.47713	1.47713	0.659697	0.800306	-1.24952	0.0714277	0.363456	-2.75136
cg20528093	PAX6	0.104633	0.310266	0.445784	-2.24324	0.00768679	13.9544	13.9544	0.0373513	6.41934	6.41934
cg04055703	RICTOR	0.104634	0.322989	0.840493	-1.18978	0.125937	1.32558	1.32558	0.0310689	1.53849	1.53849
cg01883759	JAZF1	0.104636	0.0951055	0.533441	-1.87462	0.584958	0.827806	-1.20801	0.961236	1.01679	1.01679
cg02174203	MYO7A;MYO7A;MYO7A	0.104637	0.0275626	0.420392	-2.37873	0.0346384	0.440806	-2.26857	0.30821	0.704159	-1.42013
cg18858542	MYO1E	0.104642	0.520692	1.08771	1.08771	0.155849	0.82195	-1.21662	0.660704	1.0587	1.0587
cg15963535	NID1	0.104647	0.882875	1.02117	1.02117	0.549997	1.08974	1.08974	0.00478968	1.70235	1.70235
cg15371732	SLC26A11;SLC26A11;SGSH;SLC26A11;SLC26A11;SGSH	0.104647	0.12988	1.42526	1.42526	0.915043	1.02338	1.02338	0.961603	0.989627	-1.01048
cg01653445	BAI2	0.104648	0.409008	1.13415	1.13415	0.20203	0.818059	-1.22241	0.0232746	1.49821	1.49821
cg06859187	LPCAT1	0.104649	0.565973	1.11961	1.11961	0.0191905	0.575962	-1.73622	0.388996	0.842066	-1.18755
cg05075579	SORL1	0.10465	0.0753402	0.579966	-1.72424	0.750875	0.916092	-1.09159	0.138191	0.644553	-1.55146
cg03831465	ABTB2;ABTB2	0.104651	0.0247929	2.17746	2.17746	0.139741	0.629544	-1.58845	0.762694	0.915588	-1.09219
cg04218559	C16orf72	0.104651	0.110256	5.14676	5.14676	0.476139	1.97781	1.97781	0.220713	3.35975	3.35975
cg15956469	KLRD1;KLRD1;KLRD1	0.104653	0.207792	0.668258	-1.49643	0.888747	1.04339	1.04339	0.42387	1.2813	1.2813
cg22603628	DLGAP2	0.104653	0.105253	1.38645	1.38645	0.0516027	1.50528	1.50528	0.64604	1.08912	1.08912
cg11785240	HDAC4	0.104656	0.340175	0.685101	-1.45964	0.6777	0.851467	-1.17444	0.123952	0.526783	-1.89831
cg19563158	MAPKAPK5;MAPKAPK5	0.104658	0.0513292	0.216039	-4.62878	0.761285	1.2342	1.2342	0.165467	2.77762	2.77762
cg23511909	RPN1	0.104661	0.165173	0.736887	-1.35706	0.361076	0.823962	-1.21365	0.379086	0.830189	-1.20454
cg23385492	PTPRN2;PTPRN2;PTPRN2	0.104661	0.0996819	0.300274	-3.33029	0.30331	2.03581	2.03581	0.294676	2.06401	2.06401
cg10845249	SLC16A9	0.104666	0.02678	0.599784	-1.66727	0.41271	1.17723	1.17723	0.471148	1.15352	1.15352
cg01596495	SMTNL1	0.104666	0.169331	0.495335	-2.01884	0.897077	0.939792	-1.06406	0.65918	1.23734	1.23734
cg16825545	FAT3	0.10467	0.525212	1.16644	1.16644	0.645874	1.11699	1.11699	0.0207556	0.513904	-1.94589
cg11375652	MAEA;MAEA	0.10467	0.00643672	0.217758	-4.59226	0.470923	1.37093	1.37093	0.369192	1.48695	1.48695
cg03144232	STX1B	0.104673	0.346472	0.463594	-2.15706	0.643151	0.690772	-1.44766	0.846903	0.857898	-1.16564
cg11059944	CLEC9A	0.104673	0.127852	0.733526	-1.36328	0.672154	1.08343	1.08343	0.79725	0.952692	-1.04966
cg23948362	SLC38A5	0.104675	0.936776	0.963195	-1.03821	0.0833191	0.404077	-2.47477	0.208941	0.534695	-1.87023
cg27363691	EHMT2;EHMT2	0.104675	0.0911618	0.326877	-3.05926	0.928717	0.947648	-1.05524	0.241675	2.0886	2.0886
cg15771763	HNRPDL;HNRPDL;ENOPH1	0.104679	0.5558	0.873614	-1.14467	0.830058	1.04995	1.04995	0.827509	1.05073	1.05073
cg15523443	POLR3A	0.104684	0.784718	1.15485	1.15485	0.0210107	4.30444	4.30444	0.0656539	2.96276	2.96276
cg17766305	RNLS;RNLS	0.104684	0.362988	1.69132	1.69132	0.0304733	4.17612	4.17612	0.0225652	4.6422	4.6422
cg11188837	H2BFWT;MIR1256	0.104685	0.291773	1.79195	1.79195	0.0692113	0.338223	-2.95663	0.705007	0.816433	-1.22484
cg18731519	SLC2A5;SLC2A5	0.104687	0.119304	1.53314	1.53314	0.279909	1.32837	1.32837	0.0197916	0.490986	-2.03672
cg19735538	C6orf227	0.104688	0.0580711	12.3601	12.3601	0.0757474	10.178	10.178	0.493868	2.26043	2.26043
cg02002207	SPIRE2	0.104689	0.164755	0.756053	-1.32266	0.173221	1.31448	1.31448	0.787385	0.950272	-1.05233
cg02291424	GTPBP3;GTPBP3;GTPBP3	0.10469	0.0657765	0.707245	-1.41394	0.432475	0.874244	-1.14384	0.846227	1.03311	1.03311
cg25821304	RNF135;RNF135	0.104692	0.0549956	0.302046	-3.31076	0.0106335	5.85492	5.85492	0.359576	1.67912	1.67912
cg20102080	CRK;CRK	0.104693	0.094323	0.625502	-1.59872	0.309225	0.764551	-1.30796	0.0232803	1.99726	1.99726
cg23839002	TMEM117	0.104698	0.184791	0.293561	-3.40644	0.0268625	9.8231	9.8231	0.0101509	16.8692	16.8692
cg17049320	ABRA	0.104699	0.359413	0.453333	-2.20588	0.0079308	17.4326	17.4326	0.0224547	9.93076	9.93076
cg19374457	IPO13	0.1047	0.46118	1.34367	1.34367	0.847434	1.07879	1.07879	0.842787	1.08133	1.08133
cg19829446	ACAT1;ACAT1	0.1047	0.365856	0.681372	-1.46763	0.723403	1.15805	1.15805	0.439934	1.38438	1.38438
cg02693061	HES7;HES7	0.104701	0.51785	1.15494	1.15494	0.328593	0.801277	-1.24801	0.762517	1.06885	1.06885
cg10835711	ZFHX4	0.104701	0.90459	1.03814	1.03814	0.708257	0.889284	-1.1245	0.100136	0.569873	-1.75478
cg24310500	CPNE5	0.104702	0.218648	0.523883	-1.90882	0.0433034	3.19441	3.19441	0.312021	1.68637	1.68637
cg18520411	GATAD2A	0.104703	0.136343	0.730644	-1.36866	0.0964431	1.42889	1.42889	0.128064	1.37946	1.37946
cg04544931	SLC35F1	0.104704	0.261353	0.675343	-1.48073	0.123497	0.571726	-1.74909	0.790695	0.914716	-1.09324
cg08965212	HDAC4	0.104704	0.0618407	0.68868	-1.45205	0.600765	1.09817	1.09817	0.281514	1.21957	1.21957
cg16051954	CABC1	0.104706	0.200263	0.432478	-2.31226	0.44205	1.62521	1.62521	0.921322	1.06312	1.06312
cg14911689	NINJ2	0.104708	0.0743575	3.06331	3.06331	0.0612994	3.27798	3.27798	0.277897	1.88767	1.88767
cg19697512	PPCDC	0.10471	0.533216	0.902793	-1.10767	0.0250141	0.649157	-1.54046	0.404372	1.14827	1.14827
cg23254047	ZNF25	0.104711	0.787565	1.10367	1.10367	0.0365071	2.42927	2.42927	0.284352	1.50103	1.50103
cg18808076	CARS;CARS;CARS;CARS	0.104713	0.266696	0.722172	-1.38471	0.429817	1.25443	1.25443	0.637631	0.875076	-1.14276
cg24038764	CXorf42	0.104714	0.0770852	0.385436	-2.59447	0.0921358	0.406906	-2.45757	0.463049	0.696083	-1.43661
cg18500360	ZNF208	0.104715	0.0230701	6.71153	6.71153	0.445454	0.579874	-1.72451	0.496047	0.616157	-1.62296
cg14804706	CD81	0.104716	0.204721	1.58885	1.58885	0.255981	1.50723	1.50723	0.862855	1.06165	1.06165
cg21075643	BTNL2	0.104716	0.345918	0.46964	-2.12929	0.235323	0.379676	-2.63383	0.15169	0.30242	-3.30666
cg06809252	ALX3	0.104724	0.0384104	16.213	16.213	0.532149	2.08519	2.08519	0.187975	5.05429	5.05429
cg24755189	BSCL2;BSCL2;GNG3;GNG3	0.104727	0.949814	0.952813	-1.04952	0.0273353	7.42617	7.42617	0.0140903	10.2476	10.2476
cg00639886	PDE1B	0.104727	0.559405	0.849304	-1.17743	0.356821	1.29984	1.29984	0.138609	1.55451	1.55451
cg07156219	FAM89B;FAM89B;FAM89B	0.104729	0.0947427	0.645597	-1.54896	0.0781929	0.627338	-1.59404	0.0479055	0.583383	-1.71414
cg12052661	CACNA1B	0.10473	0.0618195	4.00031	4.00031	0.312212	1.99192	1.99192	0.177026	2.57496	2.57496
cg19283354	DUSP3	0.104741	0.22767	0.470635	-2.12479	0.183718	0.43198	-2.31492	0.141526	0.390297	-2.56215
cg26808687	ELF3;ELF3	0.104744	0.0416859	0.403273	-2.47971	0.178794	1.7375	1.7375	0.6461	1.19581	1.19581
cg09129839	MORN1	0.104745	0.17414	0.784622	-1.2745	0.00819386	0.566899	-1.76398	0.0639881	0.705205	-1.41803
cg18499839	RAI1	0.104747	0.303357	0.316853	-3.15604	0.917849	0.894737	-1.11765	0.0477703	11.474	11.474
cg00990977	RRBP1;RRBP1	0.104747	0.324306	1.28409	1.28409	0.0717014	0.610193	-1.63883	0.0401506	0.558491	-1.79054
cg15206171	KIFC1	0.104748	0.0467629	0.229047	-4.36592	0.0661302	0.263308	-3.79783	0.0368978	0.208226	-4.80248
cg17948986	KCNRG;KCNRG;DLEU2	0.10475	0.112384	0.417044	-2.39783	0.0084338	0.182298	-5.48552	0.0460922	0.314593	-3.17871
cg26753307	KPNB1	0.104751	0.0478173	0.320885	-3.11638	0.111253	0.418332	-2.39045	0.639176	0.788821	-1.26771
cg15885953	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.104752	0.612198	0.859874	-1.16296	0.0113223	2.55116	2.55116	0.201067	1.48997	1.48997
cg02848157	TTLL10;TTLL10	0.104753	0.250728	0.845102	-1.18329	0.00952303	0.630947	-1.58492	0.839547	0.971971	-1.02884
cg17845266	RAMP1	0.104753	0.382092	0.603971	-1.65571	0.0242997	0.220876	-4.52743	0.0143359	0.182992	-5.46471
cg25613641	MGST2;MGST2	0.104756	0.311283	0.49865	-2.00541	0.052215	4.33525	4.33525	0.967946	0.973661	-1.02705
cg14387909	KCNT1	0.104757	0.447878	1.20129	1.20129	0.3397	1.26278	1.26278	0.323218	0.785116	-1.2737
cg02997119	STAM	0.104759	0.0091841	0.699865	-1.42885	0.756774	1.03409	1.03409	0.266594	0.882608	-1.13301
cg14369455	ALPK1;ALPK1	0.10476	0.92676	1.04062	1.04062	0.187687	1.83066	1.83066	0.166703	1.89372	1.89372
cg22946556	GH2;GH2;GH2;GH2	0.104763	0.0108917	0.23805	-4.2008	0.515603	0.743785	-1.34447	0.0359585	0.334361	-2.99078
cg10073129	COPS5;COPS5	0.104764	0.0369949	0.597188	-1.67452	0.052384	1.59926	1.59926	0.499797	1.15695	1.15695
cg12492885	C22orf45;C22orf45;UPB1	0.104765	0.0604819	5.46101	5.46101	0.49282	1.74821	1.74821	0.771464	1.2631	1.2631
cg23058911	C5AR1	0.104766	0.0276021	0.256911	-3.8924	0.0485002	0.308522	-3.24126	0.121255	0.41622	-2.40258
cg04829364	GPR133	0.104767	0.220974	0.514019	-1.94545	0.38349	1.58759	1.58759	0.158936	0.458987	-2.17871
cg25832796	JPH4;AP1G2;JPH4	0.104768	0.528197	0.826077	-1.21054	0.732739	0.902593	-1.10792	0.232723	1.45375	1.45375
cg09316703	IGFBP5	0.104769	0.290311	0.77267	-1.29421	0.0157491	0.498878	-2.0045	0.493963	0.849388	-1.17732
cg09127400	IER3	0.104769	0.527946	0.509971	-1.9609	0.132611	5.52295	5.52295	0.0968454	6.81626	6.81626
cg17236668	C7orf20	0.10477	0.946412	1.02626	1.02626	0.00807331	3.69985	3.69985	0.103775	1.9857	1.9857
cg04685632	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.10477	0.87468	1.03771	1.03771	0.016124	1.9947	1.9947	0.0741768	1.59466	1.59466
cg08703595	HERPUD2	0.104772	0.628121	0.688807	-1.45179	0.911674	0.918944	-1.08821	0.208669	2.7984	2.7984
cg05093811	FLNB;FLNB;FLNB;FLNB	0.104775	0.256733	0.756432	-1.322	0.782629	0.936863	-1.06739	0.839704	1.04892	1.04892
cg24921319	CYTH3	0.104776	0.338586	1.48742	1.48742	0.0826799	2.16746	2.16746	0.527834	0.773018	-1.29363
cg02618229	TYR	0.104779	0.161195	0.712698	-1.40312	0.394774	0.82096	-1.21809	0.0314886	0.564978	-1.76998
cg00292107	MARCKSL1	0.10478	0.693713	0.926108	-1.07979	0.564814	1.11949	1.11949	0.582362	1.11373	1.11373
cg08895928	FAM83H	0.104781	0.408236	1.40154	1.40154	0.363501	0.688882	-1.45163	0.176651	0.563728	-1.77391
cg15770585	FOXK1	0.104784	0.0236907	11.917	11.917	0.700939	1.42486	1.42486	0.631645	1.55768	1.55768
cg18115022	PTPLAD1	0.104785	0.266756	0.567669	-1.76159	0.412811	0.663827	-1.50642	0.580198	0.760799	-1.31441
cg03877364	FRAS1;FRAS1	0.104785	0.0359796	0.201149	-4.97145	0.526946	0.656116	-1.52412	0.247232	2.21521	2.21521
cg03930970	ZDHHC4;ZDHHC4;ZDHHC4;ZDHHC4	0.104785	0.843842	1.10889	1.10889	0.400861	1.56937	1.56937	0.955616	0.971251	-1.0296
cg09475262	STX7	0.104786	0.951415	0.981319	-1.01904	0.210862	0.664982	-1.5038	0.965577	1.01345	1.01345

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)
cg07507518	0.832085	0.897422	-1.1143	0.106545	0.407266	-2.45539	0.460914	0.682058	-1.46615	0.98519	0.990583	-1.00951	0.0253823	3.87499	3.87499	0.324302
cg10271547	0.013547	0.480256	-2.08222	0.723579	1.08898	1.08898	0.202482	0.723983	-1.38125	0.0759338	0.622448	-1.60656	0.931328	0.979524	-1.0209	0.0253542
cg10206452	0.0779527	0.398163	-2.51153	0.0546801	0.358904	-2.78626	0.114968	0.446714	-2.23857	0.0142469	0.241384	-4.14278	0.132459	0.466129	-2.14533	0.0267554
cg09007470	0.749026	1.12407	1.12407	0.231347	0.632907	-1.58001	0.177031	1.68677	1.68677	0.884993	1.05415	1.05415	0.0117807	3.14603	3.14603	0.163036
cg12833720	0.0601396	1.24197	1.24197	0.124116	1.18552	1.18552	0.820787	0.977078	-1.02346	0.0814867	0.820909	-1.21816	0.640854	0.953119	-1.04919	0.0351446
cg11476241	0.0378004	0.315679	-3.16778	0.598671	1.28946	1.28946	0.865906	1.08426	1.08426	0.18336	0.508787	-1.96546	0.469619	1.42211	1.42211	0.255018
cg03817794	0.468443	0.759112	-1.31733	0.0604182	0.453334	-2.20588	0.41283	0.731388	-1.36726	0.00831985	0.283604	-3.52604	0.880074	1.05803	1.05803	0.0505251
cg17707347	0.603928	0.911563	-1.09702	0.532007	0.894046	-1.11851	0.210084	0.791607	-1.26325	0.0051745	0.520439	-1.92146	0.328263	0.836494	-1.19547	0.422505
cg25733613	0.057904	0.783197	-1.27682	0.794583	1.03019	1.03019	0.0461788	0.770753	-1.29743	0.167998	0.845794	-1.18232	0.267226	1.14082	1.14082	0.0689836
cg12974832	0.267157	0.388055	-2.57695	0.0258954	0.114667	-8.72087	0.135431	0.267742	-3.73494	0.143323	0.275868	-3.62492	0.0240628	0.110424	-9.05596	0.0626976
cg17172851	?	?	?	?	?	?	?	?	?	0.593815	0.575717	-1.73697	0.0541931	13.1235	13.1235	?
cg03147990	0.393598	1.1053	1.1053	0.828808	1.02512	1.02512	0.147648	1.19479	1.19479	0.00887308	0.682802	-1.46455	0.986821	1.00189	1.00189	0.315572
cg15080232	0.777846	1.06471	1.06471	0.240939	1.31276	1.31276	0.0552678	1.61877	1.61877	0.475466	0.851408	-1.17452	0.525116	0.866971	-1.15344	0.16684
cg05027125	0.768567	1.23772	1.23772	0.00539981	0.0708613	-14.1121	0.10094	0.272956	-3.66359	0.136609	0.313765	-3.1871	0.364003	0.509535	-1.96257	0.116977
cg20302533	0.704577	0.741358	-1.34888	0.0181636	0.105029	-9.52121	0.142142	0.289437	-3.45498	0.0360414	0.147227	-6.79223	0.0645474	0.195673	-5.11058	0.739077
cg19689800	0.21585	0.58916	-1.69733	0.0136334	0.289554	-3.45358	0.552039	0.783196	-1.27682	0.503012	0.758753	-1.31795	0.158199	0.541852	-1.84552	0.195814
cg07297567	0.637312	1.08364	1.08364	0.150314	0.770444	-1.29795	0.957873	0.991105	-1.00897	0.190158	0.790826	-1.2645	0.222341	0.805	-1.24224	0.804511
cg03919488	0.316617	0.581834	-1.7187	0.667827	0.797854	-1.25336	0.809015	0.881028	-1.13504	0.326194	0.588451	-1.69938	0.493344	1.43893	1.43893	0.0204865
cg04161137	0.523281	0.782417	-1.27809	0.00999528	0.291223	-3.4338	0.0337659	0.390509	-2.56076	0.919972	1.03885	1.03885	0.182721	0.584895	-1.70971	0.0548051
cg17840719	0.291058	1.57205	1.57205	?	?	?	0.186812	1.78207	1.78207	0.0145107	0.288394	-3.46748	0.878415	1.06525	1.06525	0.194656
cg14659129	0.546132	0.618612	-1.61652	0.0569446	0.183806	-5.44051	0.209649	0.353585	-2.82817	0.0246485	0.121981	-8.19803	0.0317409	0.138134	-7.23933	0.494521
cg10015871	0.547507	0.910227	-1.09863	0.158373	0.792138	-1.26241	0.361653	1.15593	1.15593	0.29779	0.846376	-1.18151	0.0202884	0.648932	-1.54099	0.841234
cg24693368	0.724532	0.760834	-1.31435	0.877606	1.12643	1.12643	0.851927	0.86558	-1.15529	0.813936	0.83349	-1.19977	0.0108521	11.8369	11.8369	0.0522432
cg21461720	0.537054	0.820599	-1.21862	0.897147	0.959915	-1.04176	0.247541	0.682195	-1.46586	0.112084	0.578514	-1.72857	0.716576	0.891071	-1.12224	0.305321
cg13243329	0.152031	0.782298	-1.27829	0.039922	0.683878	-1.46225	0.254682	0.82672	-1.2096	0.0212153	0.641968	-1.55771	0.811618	0.962518	-1.03894	0.234965
cg20078466	0.0475727	0.426371	-2.34537	0.834684	1.08179	1.08179	0.291843	0.66269	-1.509	0.622167	0.829561	-1.20546	0.964595	1.01684	1.01684	0.381972
cg12532546	0.691363	0.775391	-1.28967	0.0265714	0.187164	-5.3429	0.100095	0.317079	-3.15379	0.208702	0.429621	-2.32763	0.788143	1.18733	1.18733	0.130781
cg02922084	0.114055	0.689371	-1.4506	0.027698	0.569397	-1.75624	0.48653	0.858142	-1.16531	0.527364	0.870604	-1.14863	0.485811	0.857918	-1.16561	0.0807473
cg13254809	0.207576	1.53187	1.53187	0.999698	1.00012	1.00012	0.204191	0.650488	-1.53731	0.00915361	2.89304	2.89304	0.0792466	1.86882	1.86882	0.360461
cg13727122	0.233131	1.41928	1.41928	0.601384	1.15908	1.15908	0.874298	1.04534	1.04534	0.00544305	0.359084	-2.78486	0.498158	0.824806	-1.21241	0.184141
cg15974085	0.594016	1.07061	1.07061	0.999455	1.00009	1.00009	0.92124	0.987537	-1.01262	0.0049475	0.623768	-1.60316	0.512221	1.08795	1.08795	0.133334
cg03670835	0.891309	1.01882	1.01882	0.383066	1.12975	1.12975	0.233405	1.18579	1.18579	0.0809834	0.768051	-1.302	0.0912342	0.77592	-1.28879	0.196893
cg23454289	0.22929	0.760094	-1.31563	0.743344	1.07406	1.07406	0.0946172	1.49106	1.49106	0.153216	1.39455	1.39455	0.669304	0.910808	-1.09793	0.320257
cg08309041	0.296022	0.387356	-2.5816	0.0660317	0.164481	-6.07974	0.441206	0.502885	-1.98853	0.0175388	0.079662	-12.553	0.739103	0.746366	-1.33983	0.380565
cg24372558	0.0265834	0.751923	-1.32992	0.495327	0.927645	-1.078	0.542493	0.93531	-1.06916	0.587362	0.942295	-1.06124	0.250262	1.1392	1.1392	0.494896
cg26172812	0.210426	2.74316	2.74316	0.0767158	4.50569	4.50569	0.145277	3.30643	3.30643	0.0194393	8.67423	8.67423	0.00931985	12.4531	12.4531	0.571363
cg26769984	0.598731	1.30132	1.30132	0.974465	1.016	1.016	0.530905	1.37003	1.37003	0.145018	2.17338	2.17338	0.399651	1.53364	1.53364	0.603153
cg19754709	0.0987775	1.82296	1.82296	0.241036	0.665551	-1.50251	0.386391	1.34252	1.34252	0.155614	1.65535	1.65535	0.0722807	1.94528	1.94528	0.200718
cg17775621	0.84928	0.96793	-1.03313	0.779231	1.04933	1.04933	0.807664	0.959074	-1.04267	0.0102858	0.574625	-1.74027	0.273238	0.822541	-1.21574	0.799909
cg24042452	0.362559	0.570125	-1.754	0.0252215	0.202308	-4.94296	0.158648	0.404654	-2.47125	0.0105546	0.144919	-6.90041	0.513102	0.671492	-1.48922	0.139553
cg05901852	0.190637	0.697976	-1.43271	0.550667	1.16959	1.16959	0.130187	1.52824	1.52824	0.0303393	1.93582	1.93582	0.626373	0.880472	-1.13575	0.90848
cg08761208	0.910587	1.04804	1.04804	0.176665	0.548892	-1.82185	0.202476	0.57007	-1.75417	0.0809081	2.24418	2.24418	0.0300727	2.90244	2.90244	0.893412
cg14495593	0.112729	0.419821	-2.38197	0.0124675	0.209521	-4.7728	0.261434	1.80172	1.80172	0.340065	1.63932	1.63932	0.793713	1.14081	1.14081	0.494445
cg20528093	0.87067	1.13358	1.13358	0.75513	0.78604	-1.2722	0.528701	1.63418	1.63418	0.846811	1.16048	1.16048	0.583234	1.53171	1.53171	0.338645
cg04055703	0.467074	0.881647	-1.13424	0.421861	1.14988	1.14988	0.0550746	1.44806	1.44806	0.0450219	1.47924	1.47924	0.600472	1.09412	1.09412	0.116795
cg01883759	0.0602815	0.483823	-2.06687	0.0685577	0.497279	-2.01094	0.592132	0.83085	-1.20359	0.0190661	0.378213	-2.64401	0.021445	0.387962	-2.57757	0.247091
cg02174203	0.287648	0.692711	-1.4436	0.387968	0.745081	-1.34214	0.0981698	0.547024	-1.82807	0.120248	1.75154	1.75154	0.368713	0.735627	-1.35938	0.133991
cg18858542	0.517848	0.918822	-1.08835	0.626156	1.06545	1.06545	0.0822608	0.779898	-1.28222	0.359117	1.12949	1.12949	0.0080774	0.645271	-1.54974	0.51357
cg15963535	0.726239	0.951277	-1.05122	0.965753	0.993918	-1.00612	0.856408	0.974591	-1.02607	0.185375	0.819088	-1.22087	0.133672	0.794644	-1.25843	0.988209
cg15371732	0.316741	1.25128	1.25128	0.0092896	0.489284	-2.0438	0.400391	1.20495	1.20495	0.111859	0.687292	-1.45499	0.972156	1.00759	1.00759	0.403218
cg01653445	0.520011	0.907357	-1.1021	0.260038	0.839334	-1.19142	0.196321	0.815724	-1.22591	0.0839068	0.751912	-1.32994	0.255377	0.837763	-1.19365	0.329348
cg06859187	0.373124	1.19486	1.19486	0.850391	1.03745	1.03745	0.233582	1.27528	1.27528	0.0243374	1.68633	1.68633	0.514903	1.13721	1.13721	0.493607
cg05075579	0.0696339	0.572179	-1.7477	0.0615487	0.560211	-1.78504	0.139676	0.645776	-1.54852	0.0681744	0.570105	-1.75406	0.568991	1.17161	1.17161	0.0216352
cg03831465	0.40047	1.28484	1.28484	0.772682	0.919111	-1.08801	0.31161	0.737236	-1.35642	0.26853	1.39879	1.39879	0.0794031	0.567196	-1.76306	0.150621
cg04218559	0.189416	3.70057	3.70057	0.00930427	0.0447965	-22.3232	0.261092	3.01386	3.01386	0.897995	0.886279	-1.12831	0.865276	0.852281	-1.17332	0.636943
cg15956469	0.801371	0.926353	-1.0795	0.177104	0.647024	-1.54554	0.615186	0.857427	-1.16628	0.00944774	2.71349	2.71349	0.836588	0.939246	-1.06468	0.088948
cg22603628	0.259811	0.804936	-1.24233	0.701662	0.931411	-1.07364	0.112555	1.3756	1.3756	0.0170761	1.71042	1.71042	0.873698	0.97106	-1.0298	0.539453
cg11785240	0.166112	0.566578	-1.76498	0.00955969	0.282938	-3.53435	0.155147	0.556942	-1.79552	0.0389436	0.398675	-2.50831	0.550947	0.79285	-1.26127	0.0353654
cg19563158	0.417605	0.564359	-1.77192	0.0469303	0.207897	-4.81007	0.562287	0.667245	-1.4987	0.0226732	0.15196	-6.5807	0.888179	1.10204	1.10204	0.196845
cg23511909	0.115564	0.702712	-1.42306	0.0290524	0.588245	-1.69997	0.0686537	0.656848	-1.52242	0.354034	1.21732	1.21732	0.0948864	1.46014	1.46014	0.627418
cg23385492	0.231216	0.432866	-2.31018	0.0462359	0.218136	-4.5843	0.251899	0.450203	-2.22122	0.0249086	0.168692	-5.92797	0.988557	1.00961	1.00961	0.161622
cg10845249	0.103759	0.707084	-1.41426	0.107632	0.710286	-1.40788	0.0432802	0.635773	-1.57289	0.35681	0.831401	-1.20279	0.383295	1.19027	1.19027	0.756828
cg01596495	0.806589	0.888966	-1.1249	0.00310718	0.143573	-6.96511	0.128365	0.454459	-2.20042	0.465986	0.700489	-1.42757	0.692419	0.826322	-1.21018	0.17114
cg16825545	0.098186	1.54304	1.54304	0.15189	0.692748	-1.44353	0.722185	1.08912	1.08912	0.0626797	1.65019	1.65019	0.766779	1.07371	1.07371	0.485911
cg11375652	0.12031	2.06443	2.06443	0.799085	1.11596	1.11596	0.375344	0.67612	-1.47903	0.379387	1.4739	1.4739	0.45366	1.38868	1.38868	0.82041
cg03144232	0.00182072	0.0297815	-33.5779	0.257917	0.392154	-2.55002	0.462821	0.552882	-1.8087	0.302406	0.428645	-2.33293	0.44149	0.536685	-1.86329	0.958809
cg11059944	0.619103	0.909973	-1.09893	0.71801	0.934011	-1.07065	0.0117222	1.80898	1.80898	0.101746	1.40106	1.40106	0.212801	0.781134	-1.28019	0.349705
cg23948362	0.128833	0.460332	-2.17235	0.00625384	0.185597	-5.38801	0.3334	1.60258	1.60258	0.870584	1.08012	1.08012	0.236089	0.556072	-1.79833	0.823069
cg27363691	0.323098	0.541528	-1.84663	0.555276	0.698679	-1.43127	0.0263008	0.205234	-4.87248	0.0121205	0.152686	-6.54939	0.722371	0.807031	-1.23911	0.422179
cg15771763	0.0880695	1.53242	1.53242	0.390803	0.819223	-1.22067	0.870738	0.963744	-1.03762	0.528183	0.865089	-1.15595	0.104957	0.669126	-1.49449	0.00680842
cg15523443	0.290309	1.78069	1.78069	0.289666	1.78217	1.78217	0.289685	1.78212	1.78212	0.05382	0.316294	-3.16162	0.578527	0.744494	-1.34319	0.887053
cg17766305	0.343576	1.7305	1.7305	0.78357	1.16738	1.16738	0.581101	0.731066	-1.36787	0.824437	1.13302	1.13302	0.0378988	3.86916	3.86916	0.307714
cg11188837	0.0571422	0.317392	-3.15068	0.0981422	0.38007	-2.63109	0.158237	2.23532	2.23532	0.272385	1.83896	1.83896	0.59926	0.753713	-1.32677	0.101579
cg18731519	0.218534	1.38702	1.38702	0.871323	0.95985	-1.04183	0.0462172	0.561387	-1.7813	0.681979	1.10977	1.10977	0.936327	1.0204	1.0204	0.951693
cg19735538	0.193637	5.02549	5.02549	0.0815705	9.63955	9.63955	0.133315	6.69158	6.69158	0.068614	10.9424	10.9424	0.0132771	36.666	36.666	0.0686711
cg02002207	0.181631	0.765262	-1.30674	0.126857	0.732311	-1.36554	0.974328	1.00609	1.00609	0.01456	1.76437	1.76437	0.324269	0.825245	-1.21176	0.844496
cg02291424	0.485443	1.12628	1.12628	0.0235829	0.635361	-1.57391	0.776608	0.953396	-1.04888	0.263456	1.21601	1.21601	0.25947	1.21818	1.21818	0.0875328
cg25821304	0.578238	1.36206	1.36206	0.248673	0.515075	-1.94147	0.494011	1.46541	1.46541	0.553528	1.39063	1.39063	0.906572	0.937445	-1.06673	0.277138
cg20102080	0.291537	0.75638	-1.32209	0.0430533	0.552173	-1.81103	0.694374	0.904164	-1.10599	0.181596	0.696443	-1.43587	0.581716	0.867672	-1.15251	0.85718
cg23839002	0.968517	1.03499	1.03499	0.683381	0.699535	-1.42952	0.606702	1.57224	1.57224	0.743371	1.33147	1.33147	0.821662	1.21743	1.21743	0.577776
cg17049320	0.997597	1.00253	1.00253	0.955311	1.04817	1.04817	0.978002	1.02342	1.02342	0.745883	0.761093	-1.3139	0.364404	2.18692	2.18692	0.89894
cg19374457	0.486119	1.32137	1.32137	0.563524	1.25853	1.25853	0.558455	1.26239	1.26239	0.00282793	0.198067	-5.04879	0.906024	1.0476	1.0476	0.553588
cg19829446	0.896362	1.05529	1.05529	0.297762	0.640356	-1.56163	0.532036	1.29872	1.29872	0.397033	0.698989	-1.43064	0.479112	1.34596	1.34596	0.00354311
cg02693061	0.861773	1.03903	1.03903	0.00590201	0.453201	-2.20653	0.69587	0.917307	-1.09015	0.20824	1.33844	1.33844	0.128933	1.43406	1.43406	0.916937
cg10835711	0.553015	1.20603	1.20603	0.00430864	0.303791	-3.29173	0.617173	0.854437	-1.17036	0.118413	0.589099	-1.69751	0.908005	1.03674	1.03674	0.620747
cg24310500	0.648394	1.25784	1.25784	0.0900238	0.393122	-2.54374	0.512994	1.39306	1.39306	0.528459	1.3759	1.3759	0.0348301	0.292571	-3.41797	0.530057
cg18520411	0.196557	0.76567	-1.30605	0.693511	1.08053	1.08053	0.68408	0.92312	-1.08328	0.601212	0.90202	-1.10862	0.056281	1.52604	1.52604	0.0639995
cg04544931	0.988885	0.995343	-1.00468	0.239461	0.661791	-1.51105	0.0484702	2.12861	2.12861	0.0151638	0.367976	-2.71757	0.321674	0.709568	-1.40931	0.701811
cg08965212	0.733979	0.941297	-1.06236	0.392109	0.85599	-1.16824	0.0118972	0.573063	-1.74501	0.180455	1.2869	1.2869	0.258214	0.811206	-1.23273	0.826953
cg16051954	0.322916	0.531223	-1.88245	0.0269021	0.197151	-5.07225	0.117522	0.348809	-2.8669	0.0157547	0.15991	-6.25354	0.974585	0.980457	-1.01993	0.0942231
cg14911689	0.853187	1.10994	1.10994	0.182885	0.451204	-2.21629	0.464405	1.52086	1.52086	0.0220208	4.69523	4.69523	0.0615843	3.27267	3.27267	0.986244
cg19697512	0.311207	1.18504	1.18504	0.738652	1.05576	1.05576	0.0731742	0.723404	-1.38235	0.138529	1.29486	1.29486	0.32582	0.84841	-1.17868	0.107275
cg23254047	0.0979504	1.94056	1.94056	0.224024	1.59438	1.59438	0.0643719	2.13592	2.13592	0.201905	0.611342	-1.63575	0.118991	0.539052	-1.85511	0.887481
cg18808076	0.636169	1.14343	1.14343	0.00434103	0.342294	-2.92146	0.516144	1.20343	1.20343	0.157063	0.653343	-1.53059	0.78292	1.08078	1.08078	0.58265
cg24038764	0.0757883	2.60784	2.60784	0.0770305	2.59502	2.59502	0.0777025	0.386368	-2.5882	0.868051	0.922522	-1.08398	0.950847	1.03035	1.03035	0.753936
cg18500360	0.922503	1.07055	1.07055	0.0775826	0.252992	-3.9527	0.723405	1.2827	1.2827	0.180961	0.369667	-2.70513	0.12505	3.20048	3.20048	0.183347
cg14804706	0.411701	1.33698	1.33698	0.00943147	0.32031	-3.12198	0.0953371	0.530461	-1.88515	0.857371	1.06422	1.06422	0.432762	1.31915	1.31915	0.532626
cg21075643	0.565664	1.57168	1.57168	0.0200711	0.112577	-8.88282	0.325531	0.45365	-2.20434	0.00797177	0.0707766	-14.129	0.307893	0.439645	-2.27456	0.650087
cg06809252	0.132147	6.60052	6.60052	0.0231896	23.3803	23.3803	0.908203	1.14334	1.14334	0.294822	3.53156	3.53156	0.0144294	33.1618	33.1618	0.142275
cg24755189	0.205711	2.78754	2.78754	0.200836	2.82219	2.82219	0.75642	0.787464	-1.2699	0.270462	0.414316	-2.41362	0.315074	2.22054	2.22054	0.226079
cg00639886	0.17265	0.669239	-1.49423	0.0380336	0.514025	-1.94543	0.0250713	0.478328	-2.09062	0.541708	1.18641	1.18641	0.266591	0.725937	-1.37753	0.503093
cg07156219	0.0275225	0.537339	-1.86102	0.067789	0.614162	-1.62824	0.0243733	0.527677	-1.8951	0.191745	0.719425	-1.39	0.170517	0.706248	-1.41593	0.497212
cg12052661	0.554957	0.674618	-1.48232	0.81723	1.16485	1.16485	0.185902	2.52062	2.52062	0.603044	0.707634	-1.41316	0.0254296	5.75956	5.75956	0.019084
cg19283354	0.0767163	0.309852	-3.22734	0.0142051	0.165239	-6.05184	0.135956	0.384332	-2.60191	0.0396724	0.242755	-4.11938	0.45996	0.63907	-1.56477	0.0321265
cg26808687	0.565038	1.25228	1.25228	0.0558699	0.432661	-2.31128	0.111793	1.95386	1.95386	0.54929	0.791085	-1.26409	0.412651	0.723281	-1.38259	0.116979
cg09129839	0.918311	1.01736	1.01736	0.227369	0.808469	-1.23691	0.10937	0.746113	-1.34028	0.426915	1.14579	1.14579	0.146527	0.769927	-1.29883	0.402962
cg18499839	0.0795299	8.15078	8.15078	0.379234	0.378137	-2.64454	0.507536	2.06432	2.06432	0.851755	0.817353	-1.22346	0.0124939	28.5098	28.5098	0.840777
cg00990977	0.911137	1.0278	1.0278	0.101902	1.55244	1.55244	0.0649785	1.66371	1.66371	0.438753	1.2141	1.2141	0.474906	1.19542	1.19542	0.915189
cg15206171	0.920195	0.937184	-1.06703	0.612733	0.718606	-1.39158	0.270795	0.476044	-2.10065	0.0866329	0.293691	-3.40494	0.134708	0.35204	-2.84058	0.0173425
cg17948986	0.827922	0.895702	-1.11644	0.0459208	0.314225	-3.18244	0.895739	0.935813	-1.06859	0.957188	0.973203	-1.02754	0.584472	0.756216	-1.32237	0.180278
cg26753307	0.904578	0.941535	-1.0621	0.126212	0.435571	-2.29584	0.0593437	0.343251	-2.91332	0.0414027	0.306785	-3.25961	0.653215	1.25507	1.25507	0.0258621
cg15885953	0.89499	1.03977	1.03977	0.155723	1.56605	1.56605	0.115645	0.603467	-1.65709	0.23449	0.692099	-1.44488	0.710492	1.1164	1.1164	0.553814
cg02848157	0.541335	0.916946	-1.09058	0.578655	0.924347	-1.08184	0.206576	1.2054	1.2054	0.0586342	1.34925	1.34925	0.97368	1.00464	1.00464	0.615701
cg17845266	0.8354	0.889554	-1.12416	0.155872	0.425693	-2.34911	0.236472	2.00924	2.00924	0.181083	0.449906	-2.22269	0.219355	0.483573	-2.06794	0.430633
cg25613641	0.200826	0.4076	-2.45339	0.522884	0.650426	-1.53745	0.330226	0.513039	-1.94917	0.454131	0.602605	-1.65946	0.385805	0.554007	-1.80503	0.0167711
cg14387909	0.444336	1.20308	1.20308	0.01824	0.506896	-1.97279	0.0317897	0.550629	-1.8161	0.250581	1.3293	1.3293	0.841101	0.95352	-1.04875	0.450385
cg02997119	0.264899	1.13355	1.13355	0.93762	1.00848	1.00848	0.0865007	0.815229	-1.22665	0.461964	1.08414	1.08414	0.353072	1.10859	1.10859	0.444865
cg14369455	0.403533	1.44803	1.44803	0.274808	0.611353	-1.63572	0.117112	2.0901	2.0901	0.733851	0.862601	-1.15928	0.811809	1.10882	1.10882	0.00543848
cg22946556	0.605862	1.26328	1.26328	0.103708	0.449802	-2.2232	0.840149	1.09492	1.09492	0.722214	1.17384	1.17384	0.371961	0.662596	-1.50922	0.09731
cg10073129	0.202154	0.7508	-1.33191	0.204698	0.752142	-1.32954	0.894381	0.972125	-1.02867	0.202171	0.750809	-1.3319	0.173571	1.36092	1.36092	0.487796
cg12492885	0.265027	2.53849	2.53849	0.0880466	4.52522	4.52522	0.32283	0.440878	-2.2682	0.760892	0.782882	-1.27733	0.0322173	7.4751	7.4751	0.0234718
cg23058911	0.413139	0.646283	-1.54731	0.0190634	0.227523	-4.39516	0.341695	0.599806	-1.66721	0.0808084	0.364156	-2.74608	0.0640972	0.337708	-2.96114	0.190227
cg04829364	0.869422	0.918423	-1.08882	0.00575686	0.153851	-6.49981	0.347822	0.606553	-1.64866	0.0666869	0.345261	-2.89636	0.779794	1.15601	1.15601	0.962382
cg25832796	0.572577	1.18587	1.18587	0.170595	0.646427	-1.54697	0.466116	0.801116	-1.24826	0.00361378	0.307996	-3.24679	0.886467	1.04364	1.04364	0.627832
cg09316703	0.861797	1.0418	1.0418	0.0952451	0.650006	-1.53845	0.823661	1.05385	1.05385	0.0372624	1.76504	1.76504	0.925946	1.02209	1.02209	0.848181
cg09127400	0.193637	4.25331	4.25331	0.626247	0.596391	-1.67675	0.333969	2.85594	2.85594	0.0204748	18.9306	18.9306	0.0272289	15.6756	15.6756	0.135315
cg17236668	0.996834	0.998471	-1.00153	0.298741	0.660127	-1.51486	0.378476	0.705795	-1.41684	0.453496	0.744938	-1.34239	0.165971	1.76766	1.76766	0.575393
cg04685632	0.491608	1.17802	1.17802	0.843951	0.95483	-1.04731	0.153532	0.698792	-1.43104	0.760757	0.930879	-1.07425	0.115288	0.669263	-1.49418	0.430696
cg08703595	0.231179	2.64677	2.64677	0.114047	0.259102	-3.85948	0.623524	1.45921	1.45921	0.0140815	0.0819631	-12.2006	0.136911	3.50461	3.50461	0.561278
cg05093811	0.570282	0.873474	-1.14485	0.022905	0.52632	-1.89999	0.879841	0.964957	-1.03632	0.0283315	1.84119	1.84119	0.141305	1.45212	1.45212	0.439891
cg24921319	0.332433	1.49548	1.49548	0.0402299	0.385212	-2.59597	0.111246	2.01033	2.01033	0.260081	1.60454	1.60454	0.402313	1.41198	1.41198	0.123649
cg02618229	0.402059	0.823564	-1.21424	0.269575	0.770875	-1.29723	0.0251526	0.547295	-1.82717	0.0136387	0.501265	-1.99495	0.969289	0.991324	-1.00875	0.137617
cg00292107	0.13729	1.36397	1.36397	0.303443	0.813246	-1.22964	0.504267	1.14045	1.14045	0.069123	0.674066	-1.48353	0.133649	0.7307	-1.36855	0.0226701
cg08895928	0.222243	1.66849	1.66849	0.0287485	0.357234	-2.79929	0.0439511	0.396968	-2.51909	0.555412	0.788188	-1.26873	0.0975743	0.48411	-2.06564	0.118082
cg15770585	0.111371	4.90961	4.90961	0.249945	3.01373	3.01373	0.105343	5.07106	5.07106	0.382145	0.439378	-2.27594	0.0163188	14.7952	14.7952	0.172879
cg18115022	0.529268	0.732059	-1.36601	0.812066	1.12362	1.12362	0.177479	0.495914	-2.01648	0.0241053	3.7294	3.7294	0.0496202	2.99235	2.99235	0.163903
cg03877364	0.240291	2.24394	2.24394	0.0638643	3.93274	3.93274	0.13228	2.9091	2.9091	0.183805	0.395755	-2.52682	0.396937	0.565392	-1.76868	0.808109
cg03930970	0.433692	1.51997	1.51997	0.429565	0.65533	-1.52595	0.646955	0.785305	-1.27339	0.0049161	0.141863	-7.04905	0.867259	1.09163	1.09163	0.0634476
cg09475262	0.0111498	0.373609	-2.6766	0.478628	0.800177	-1.24972	0.290443	1.4043	1.4043	0.886486	1.0452	1.0452	0.0402257	2.08238	2.08238	0.786449

Probeset ID	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07507518	0.595195	-1.68012	2.5121	10.3375	3.65786	1
cg10271547	0.528333	-1.89274	2.51209	2.29235	0.811135	1
cg10206452	0.29117	-3.43442	2.51208	8.79441	3.11186	1
cg09007470	1.72034	1.72034	2.51205	5.28183	1.86897	1
cg12833720	1.28506	1.28506	2.51204	0.415536	0.147038	1
cg11476241	0.566173	-1.76624	2.51204	9.11589	3.22567	1
cg03817794	0.434904	-2.29936	2.51202	5.55347	1.96512	1
cg17707347	0.86506	-1.15599	2.51201	1.24541	0.440694	1
cg25733613	1.26106	1.26106	2.51199	0.516889	0.182905	1
cg12974832	0.179953	-5.55701	2.51192	26.6755	9.43963	1
cg17172851	?	?	4.18416	13.213	6.31569	1
cg03147990	1.12623	1.12623	2.51187	0.522121	0.184766	1
cg15080232	0.721288	-1.38641	2.51186	1.95487	0.691784	1
cg05027125	0.292035	-3.42425	2.51185	20.7831	7.35469	1
cg20302533	0.769033	-1.30033	2.51184	24.5556	8.68972	1
cg19689800	0.573708	-1.74305	2.51179	6.56292	2.32253	1
cg07297567	0.958923	-1.04284	2.51178	1.13801	0.402729	1
cg03919488	0.232098	-4.30852	2.51176	10.8855	3.85226	1
cg04161137	0.437732	-2.2845	2.51174	5.72318	2.02539	1
cg17840719	1.76204	1.76204	2.53855	6.09284	2.40013	1
cg14659129	0.579585	-1.72537	2.51171	24.5933	8.7035	1
cg10015871	0.969482	-1.03148	2.51169	0.949933	0.336183	1
cg24693368	5.50467	5.50467	2.51169	23.7403	8.40173	1
cg21461720	0.714785	-1.39902	2.51169	3.98053	1.40872	1
cg13243329	0.819409	-1.22039	2.51167	1.01834	0.360394	1
cg20078466	0.713686	-1.40118	2.51167	5.62968	1.99236	1
cg12532546	0.353386	-2.82977	2.51166	16.1663	5.72133	1
cg02922084	0.657661	-1.52054	2.51162	1.8625	0.659159	1
cg13254809	1.35219	1.35219	2.5116	4.09705	1.45	1
cg13727122	0.673957	-1.48377	2.5116	3.12034	1.10433	1
cg15974085	1.22795	1.22795	2.51158	0.639689	0.226396	1
cg03670835	0.830206	-1.20452	2.51158	0.739978	0.261891	1
cg23454289	0.799859	-1.25022	2.51157	1.88075	0.665632	1
cg08309041	0.455104	-2.1973	2.51156	30.4722	10.7847	1
cg24372558	1.07808	1.07808	2.51156	0.468078	0.165662	1
cg26172812	1.54866	1.54866	2.51156	23.2567	8.23099	1
cg26769984	1.29711	1.29711	2.51154	9.78537	3.46325	1
cg19754709	1.56567	1.56567	2.51154	4.37721	1.54919	1
cg17775621	0.957419	-1.04448	2.51154	1.1676	0.413239	1
cg24042452	0.384947	-2.59776	2.51151	14.3404	5.07544	1
cg05901852	1.03029	1.03029	2.51149	2.67776	0.947738	1
cg08761208	0.945549	-1.05759	2.51147	6.93831	2.45569	1
cg14495593	0.705537	-1.41736	2.51146	10.0521	3.55777	1
cg20528093	0.468146	-2.13609	2.51145	23.5529	8.33619	1
cg04055703	1.33648	1.33648	2.51144	1.15243	0.407886	1
cg01883759	0.660547	-1.5139	2.51142	4.66991	1.65286	1
cg02174203	0.584233	-1.71164	2.5114	4.39897	1.55698	1
cg18858542	1.08932	1.08932	2.51135	0.663266	0.234762	1
cg15963535	0.997902	-1.0021	2.51131	0.803079	0.284254	1
cg15371732	1.20354	1.20354	2.5113	1.86571	0.66038	1
cg01653445	1.16192	1.16192	2.51129	0.883938	0.312877	1
cg06859187	1.14496	1.14496	2.51128	1.5079	0.533735	1
cg05075579	0.468237	-2.13567	2.51127	3.01097	1.06576	1
cg03831465	1.56617	1.56617	2.51126	3.37301	1.19391	1
cg04218559	1.56441	1.56441	2.51126	35.2392	12.4733	1
cg15956469	0.565898	-1.7671	2.51124	3.663	1.29657	1
cg22603628	0.891645	-1.12152	2.51124	1.35535	0.479747	1
cg11785240	0.389585	-2.56684	2.51121	5.88689	2.08377	1
cg19563158	0.389725	-2.56591	2.51118	18.9684	6.71428	1
cg23511909	0.904048	-1.10614	2.51116	1.6916	0.598786	1
cg23385492	0.369144	-2.70897	2.51115	17.6806	6.25853	1
cg10845249	1.06238	1.06238	2.51111	1.50961	0.534375	1
cg01596495	0.496997	-2.01209	2.5111	9.15611	3.24111	1
cg16825545	0.844243	-1.18449	2.51107	2.27414	0.805018	1
cg11375652	0.906818	-1.10276	2.51106	7.35903	2.60502	1
cg03144232	0.959873	-1.0418	2.51103	25.0047	8.85151	1
cg11059944	0.834258	-1.19867	2.51103	1.40929	0.498879	1
cg23948362	0.899554	-1.11166	2.51101	8.88532	3.14537	1
cg27363691	0.610956	-1.63678	2.51101	14.363	5.08447	1
cg15771763	0.451547	-2.21461	2.51097	2.04505	0.723953	1
cg15523443	0.928003	-1.07758	2.51092	10.9929	3.89158	1
cg17766305	0.552403	-1.81027	2.51091	12.5639	4.44774	1
cg11188837	0.384497	-2.6008	2.51091	11.3078	4.0031	1
cg18731519	0.984802	-1.01543	2.51088	2.54117	0.89961	1
cg19735538	10.9357	10.9357	2.51087	54.793	19.3976	1
cg02002207	0.963625	-1.03775	2.51086	1.4157	0.501182	1
cg02291424	1.37222	1.37222	2.51085	1.11926	0.39624	1
cg25821304	1.86241	1.86241	2.51083	12.0376	4.26157	1
cg20102080	1.04703	1.04703	2.51082	2.5881	0.916249	1
cg23839002	0.612618	-1.63234	2.51077	30.1965	10.6905	1
cg17049320	0.89882	-1.11257	2.51076	28.0284	9.92296	1
cg19374457	1.26613	1.26613	2.51075	6.16556	2.18281	1
cg19829446	0.195491	-5.11532	2.51075	6.78069	2.40059	1
cg02693061	0.97734	-1.02319	2.51074	1.9196	0.679603	1
cg10835711	1.16847	1.16847	2.51074	3.87466	1.37177	1
cg24310500	0.72772	-1.37416	2.51073	9.92788	3.51483	1
cg18520411	1.50239	1.50239	2.51071	1.52045	0.538298	1
cg04544931	1.1376	1.1376	2.51071	4.46557	1.58099	1
cg08965212	1.03959	1.03959	2.51071	1.25075	0.442813	1
cg16051954	0.319861	-3.12635	2.51069	15.2628	5.40367	1
cg14911689	1.00976	1.00976	2.51066	12.6069	4.46342	1
cg19697512	0.752123	-1.32957	2.51064	1.04404	0.36964	1
cg23254047	1.05306	1.05306	2.51064	5.30307	1.87755	1
cg18808076	1.16894	1.16894	2.51061	3.14573	1.11375	1
cg24038764	0.858552	-1.16475	2.5106	9.3534	3.31161	1
cg18500360	0.37192	-2.68875	2.51059	19.5181	6.91051	1
cg14804706	0.803581	-1.24443	2.51059	4.75991	1.68528	1
cg21075643	0.700759	-1.42703	2.51058	24.1057	8.53481	1
cg06809252	6.2459	6.2459	2.5105	53.623	18.9862	1
cg24755189	2.65421	2.65421	2.51047	23.4472	8.30203	1
cg00639886	0.828577	-1.20689	2.51047	3.04439	1.07794	1
cg07156219	0.84854	-1.17849	2.51044	2.25753	0.79934	1
cg12052661	6.4886	6.4886	2.51044	17.2754	6.11682	1
cg19283354	0.224507	-4.45421	2.51031	14.0821	4.98639	1
cg26808687	0.517546	-1.93219	2.51029	5.94744	2.10598	1
cg09129839	0.866239	-1.15442	2.51028	1.11907	0.396262	1
cg18499839	1.24216	1.24216	2.51026	46.2065	16.3618	1
cg00990977	1.02651	1.02651	2.51026	2.39913	0.849537	1
cg15206171	0.153217	-6.5267	2.51025	16.6618	5.90003	1
cg17948986	0.486773	-2.05435	2.51022	10.1785	3.60428	1
cg26753307	0.264745	-3.77722	2.51022	10.0321	3.55245	1
cg15885953	0.837894	-1.19347	2.51021	3.46716	1.22776	1
cg02848157	0.931489	-1.07355	2.5102	0.781783	0.276838	1
cg17845266	0.636043	-1.57222	2.5102	12.5791	4.4544	1
cg25613641	6.95162	6.95162	2.51016	17.5416	6.21175	1
cg14387909	0.833311	-1.20003	2.51016	2.23489	0.791413	1
cg02997119	1.08766	1.08766	2.51013	0.462707	0.163854	1
cg14369455	4.87428	4.87428	2.51012	7.45655	2.64053	1
cg22946556	0.441757	-2.26369	2.51009	8.0149	2.83829	1
cg10073129	1.16186	1.16186	2.51007	1.80077	0.637703	1
cg12492885	8.76276	8.76276	2.51007	25.5678	9.0543	1
cg23058911	0.484917	-2.06221	2.51006	10.821	3.83204	1
cg04829364	0.975901	-1.02469	2.51004	10.635	3.76619	1
cg25832796	0.864107	-1.15726	2.51004	3.55362	1.25846	1
cg09316703	1.04607	1.04607	2.51003	2.19543	0.777479	1
cg09127400	5.448	5.448	2.51002	44.086	15.6124	1
cg17236668	0.803948	-1.24386	2.51002	5.91103	2.09331	1
cg04685632	0.828085	-1.20761	2.51001	2.18671	0.774396	1
cg08703595	1.56705	1.56705	2.88948	25.2843	5.83365	1
cg05093811	1.20413	1.20413	2.50996	2.21052	0.782843	1
cg24921319	0.511092	-1.95659	2.50996	6.44013	2.28074	1
cg02618229	0.696346	-1.43607	2.50992	2.03653	0.721238	1
cg00292107	1.69748	1.69748	2.50991	1.49521	0.52953	1
cg08895928	0.50803	-1.96839	2.5099	6.33066	2.24203	1
cg15770585	3.7845	3.7845	2.50987	33.4656	11.8521	1
cg18115022	2.06873	2.06873	2.50986	9.51908	3.37126	1
cg03877364	0.852181	-1.17346	2.50986	17.1787	6.08397	1
cg03930970	0.33493	-2.98569	2.50986	10.9188	3.86697	1
cg09475262	0.919393	-1.08767	2.50985	3.80718	1.34835	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08233331	C18orf2;C18orf2;C18orf2;C18orf2	0.104787	0.0678554	0.312097	-3.20413	0.633887	0.760964	-1.31412	0.0413784	0.261997	-3.81683	0.231427	0.489371	-2.04344	0.0461155	0.272234	-3.67332	0.306237	0.547108	-1.82779	0.0243214	0.216928	-4.60981	0.745214	0.830572	-1.20399	0.0304275	0.234953	-4.25617	2.50983	12.8848	4.56333	1
cg26199857	ZNF385A;ZNF385A;ZNF385A	0.104788	0.0945979	2.9983	2.9983	0.228455	0.469817	-2.12849	0.0879966	3.08088	3.08088	0.0556931	3.65359	3.65359	0.377311	1.7184	1.7184	0.612733	0.737089	-1.35669	0.34569	1.78674	1.78674	0.606503	1.36411	1.36411	0.0167512	5.72549	5.72549	2.50983	14.197	5.02805	1
cg11020315	NAGLU	0.104788	0.230781	0.30993	-3.22654	0.080274	6.33731	6.33731	0.0274307	12.7467	12.7467	?	?	?	0.758168	1.32728	1.32728	0.870921	0.861598	-1.16063	?	?	?	?	?	?	0.115146	5.04153	5.04153	2.98086	25.138	8.43313	1
cg08442064	NMNAT3	0.104789	0.0178323	0.230535	-4.33773	0.0249815	0.256918	-3.89229	0.0552649	0.330523	-3.0255	0.592555	0.759407	-1.31682	0.138967	0.444217	-2.25115	0.172125	0.476878	-2.09697	0.0697846	0.355885	-2.80989	0.285825	0.568491	-1.75904	0.0918677	0.388484	-2.57411	2.50982	10.3185	3.65444	1
cg09074260	KDM4D;KDM4D;CWC15	0.104789	0.0248721	0.551593	-1.81293	0.300731	1.26989	1.26989	0.245649	1.3107	1.3107	0.0273562	0.558972	-1.789	0.810779	1.0549	1.0549	0.475462	0.8507	-1.1755	0.485895	0.854044	-1.1709	0.1464	0.706544	-1.41534	0.202836	0.741145	-1.34926	2.50982	1.9735	0.698943	1
cg26494782	KIAA1671	0.10479	0.10952	1.67745	1.67745	0.00289793	3.36655	3.36655	0.0932892	1.72859	1.72859	0.680965	1.13039	1.13039	0.564679	1.18839	1.18839	0.371281	1.3128	1.3128	0.299959	1.37499	1.37499	0.284427	1.39049	1.39049	0.228613	1.45441	1.45441	2.50981	3.49364	1.23733	1
cg10630155	PROM1;PROM1	0.10479	0.40011	0.696867	-1.43499	0.0493234	0.390348	-2.56182	0.624458	0.813118	-1.22983	0.556626	1.28313	1.28313	0.0258594	0.329775	-3.03237	0.671037	0.835991	-1.19618	0.0258923	0.329885	-3.03136	0.0406055	0.37107	-2.69491	0.836259	0.916881	-1.09065	2.5098	6.98861	2.47513	1
cg10821050	SHH	0.104792	0.294052	1.27107	1.27107	0.0612801	1.59158	1.59158	0.116117	1.45695	1.45695	0.750621	0.932141	-1.0728	0.327013	0.800114	-1.24982	0.0453581	0.602956	-1.65849	0.122296	0.691383	-1.44638	0.617056	0.894846	-1.11751	0.311114	1.2598	1.2598	2.50979	1.93064	0.683772	1
cg14515032	RAP1GAP2;RAP1GAP2	0.104792	0.206182	0.767998	-1.30209	0.0133799	0.545279	-1.83392	0.0305746	0.604708	-1.65369	0.099418	0.699406	-1.42978	0.455885	0.860418	-1.16223	0.547555	0.886494	-1.12804	0.235597	1.27898	1.27898	0.226823	0.777871	-1.28556	0.328872	0.819147	-1.22078	2.50979	1.55773	0.551699	1
cg24655262	C17orf59;C17orf59	0.104793	0.0749587	0.507897	-1.9689	0.0387361	2.26525	2.26525	0.108762	1.81767	1.81767	0.164001	1.66085	1.66085	0.677762	0.866975	-1.15344	0.784799	1.09802	1.09802	0.157506	0.596698	-1.67589	0.20171	1.58493	1.58493	0.611812	0.8396	-1.19104	2.50977	4.6387	1.64289	1
cg07838943	VPS13D;VPS13D	0.104794	0.0949255	2.35714	2.35714	0.111583	2.24724	2.24724	0.565882	1.31149	1.31149	0.182982	0.51674	-1.93521	0.422215	0.681779	-1.46675	0.172185	1.97184	1.97184	0.0245977	0.286273	-3.49316	0.991181	0.994849	-1.00518	0.511929	0.732867	-1.3645	2.50976	8.67745	3.07332	1
cg08154437	CPAMD8	0.104795	0.0447581	69.446	69.446	0.153172	16.7025	16.7025	0.274055	8.12489	8.12489	0.0982062	28.1769	28.1769	0.0322401	101.1	101.1	0.0423755	73.9273	73.9273	0.0697235	41.8234	41.8234	0.0667859	43.9395	43.9395	0.0624401	47.46	47.46	2.50975	134.669	47.6963	1
cg11298989	LENG8	0.104798	?	?	?	?	?	?	0.358267	2.369	2.369	0.0519509	9.75635	9.75635	?	?	?	?	?	?	?	?	?	?	?	?	0.210775	0.289936	-3.44903	4.05637	14.5973	4.79813	1
cg04776839	PINX1	0.104798	0.014205	1.98418	1.98418	0.569871	0.878025	-1.13892	0.143477	0.700419	-1.42772	0.189714	1.36976	1.36976	0.298812	1.27625	1.27625	0.568315	0.877554	-1.13953	0.89444	1.03053	1.03053	0.0758376	1.56448	1.56448	0.182639	1.3776	1.3776	2.50972	2.03932	0.722285	1
cg04185382	VASN;CORO7	0.104799	0.288326	0.527175	-1.8969	0.526035	1.45232	1.45232	0.774254	1.18178	1.18178	0.952939	0.966303	-1.03487	0.101901	0.353493	-2.82891	0.823383	0.878241	-1.13864	0.00458876	0.111741	-8.94931	0.316213	1.82547	1.82547	0.415037	0.616386	-1.62236	2.50971	13.4081	4.74889	1
cg26985681	NTAN1	0.104801	0.522387	0.670389	-1.49167	0.00529059	9.65517	9.65517	0.272578	2.02257	2.02257	0.178714	0.414283	-2.41381	0.262362	0.48634	-2.05617	0.799816	0.854931	-1.16969	0.842199	0.88431	-1.13082	0.603873	1.38107	1.38107	0.691099	0.781641	-1.27936	2.5097	15.1226	5.35614	1
cg00493341	MAST3	0.104804	0.0352112	0.746707	-1.33921	0.0253488	0.728679	-1.37235	0.263009	0.870269	-1.14907	0.379267	0.898161	-1.11339	0.142659	0.828923	-1.20638	0.150076	0.832168	-1.20168	0.283414	1.14191	1.14191	0.0469652	0.762794	-1.31097	0.242413	0.864437	-1.15682	2.50967	0.563565	0.199607	1
cg19400725	RILP	0.104804	0.387544	2.14821	2.14821	0.174349	3.48157	3.48157	0.178881	3.43108	3.43108	0.191053	3.30422	3.30422	0.0155405	12.9624	12.9624	0.536323	1.71707	1.71707	0.991735	0.991097	-1.00898	0.0194577	11.4584	11.4584	0.0357382	8.24625	8.24625	2.50966	29.6263	10.4932	1
cg07250080	PSMB9;PSMB9;TAP1	0.104807	0.760841	0.936783	-1.06748	0.626256	1.1107	1.1107	0.0679504	0.645765	-1.54855	0.177054	0.735709	-1.35923	0.0494368	0.619023	-1.61545	0.301319	0.795263	-1.25745	0.00635618	0.467737	-2.13795	0.845289	0.959071	-1.04268	0.52704	0.871886	-1.14694	2.50963	1.81876	0.64419	1
cg07669489	TET1	0.104807	0.106693	0.684364	-1.46121	0.398972	1.20434	1.20434	0.740805	0.931017	-1.07409	0.394306	0.828723	-1.20668	0.838464	0.957	-1.04493	0.421851	0.838056	-1.19324	0.00373203	0.430294	-2.32399	0.940416	1.01623	1.01623	0.154228	0.720072	-1.38875	2.50962	1.8428	0.652704	1
cg12845051	SLC6A18	0.104809	0.928587	1.01995	1.01995	0.177071	1.3718	1.3718	0.284906	1.27729	1.27729	0.801628	1.05704	1.05704	0.0701061	0.640079	-1.56231	0.0373016	0.587095	-1.7033	0.550784	0.875471	-1.14224	0.299274	1.26749	1.26749	0.0523323	0.614941	-1.62617	2.50961	1.92963	0.683461	1
cg18670076	LEPREL1;LEPREL1	0.10481	0.411997	0.725938	-1.37753	0.0104206	0.291845	-3.42648	0.169169	0.571608	-1.74945	0.0523149	0.430547	-2.32262	0.0476695	0.421159	-2.3744	0.0784663	0.4741	-2.10926	0.191854	0.590052	-1.69477	0.979549	0.99026	-1.00984	0.138435	0.543855	-1.83872	2.5096	5.79498	2.05256	1
cg15415136	ZNF540;ZNF540	0.104811	0.0147016	5.99645	5.99645	0.153319	2.48925	2.48925	0.40692	1.65866	1.65866	0.942663	1.04384	1.04384	0.660446	0.768228	-1.3017	0.592879	0.724772	-1.37974	0.0659497	0.292157	-3.42281	0.634022	0.751217	-1.33117	0.125	2.69253	2.69253	2.50958	14.1396	5.00821	1
cg07710335	PMP22;PMP22;PMP22	0.104813	0.755068	1.20902	1.20902	0.0616501	0.278955	-3.58481	0.586606	0.71676	-1.39517	0.0309717	4.64723	4.64723	0.155069	0.397357	-2.51663	0.661824	1.30598	1.30598	0.363128	1.76278	1.76278	0.0642359	3.52967	3.52967	0.442392	1.60812	1.60812	2.50956	14.6216	5.17897	1
cg03022368	OSGIN1;OSGIN1;OSGIN1	0.104814	0.00475565	0.288133	-3.47062	0.545242	0.81611	-1.22532	0.714123	0.885042	-1.12989	0.021761	0.400859	-2.49464	0.495571	0.79479	-1.25819	0.168884	0.61474	-1.6267	0.191175	0.631684	-1.58307	0.506861	0.799698	-1.25047	0.50638	0.79949	-1.2508	2.50955	4.37885	1.551	1
cg19356748	TTN;TTN;TTN;TTN;TTN	0.104818	0.030126	0.738037	-1.35494	0.025292	0.728481	-1.37272	0.357242	1.11939	1.11939	0.147683	0.831085	-1.20325	0.687532	0.952981	-1.04934	0.220371	1.16588	1.16588	0.111828	0.813625	-1.22907	0.975162	0.996298	-1.00372	0.812176	0.972044	-1.02876	2.50952	0.563908	0.19974	1
cg13957874	LOC151174;LOC643387;LOC151174	0.104818	0.0577734	10.4695	10.4695	0.0290293	16.727	16.727	0.123636	6.20636	6.20636	0.22162	4.08098	4.08098	0.110887	6.69549	6.69549	0.0792247	8.44111	8.44111	0.014626	26.8715	26.8715	0.615506	1.74079	1.74079	0.167382	5.00835	5.00835	2.50952	47.629	16.8706	1
cg16677112	EFNA1;EFNA1	0.104822	0.35066	0.630701	-1.58554	0.023886	3.64499	3.64499	0.563933	1.323	1.323	0.112397	2.29172	2.29172	0.285425	0.587222	-1.70293	0.810145	0.890937	-1.12241	0.474691	1.41741	1.41741	0.0200106	3.84536	3.84536	0.440978	1.45795	1.45795	2.50947	9.15029	3.24116	1
cg10156739	LOC100287718	0.104824	0.0481741	0.322131	-3.10433	0.147488	0.458565	-2.18072	0.0798966	0.377248	-2.65077	0.111656	0.419315	-2.38484	0.0129583	0.212857	-4.698	0.0981627	0.402522	-2.48434	0.0851806	0.384913	-2.59799	0.0745988	0.369222	-2.7084	0.296221	0.580808	-1.72174	2.50945	10.0016	3.54272	1
cg20327543	SRI;SRI	0.104824	0.26149	0.753862	-1.3265	0.190917	1.39676	1.39676	0.0203698	0.509363	-1.96324	0.800823	1.0629	1.0629	0.315369	0.778414	-1.28466	0.339783	1.26794	1.26794	0.0634319	1.65471	1.65471	0.297173	1.29796	1.29796	0.554498	0.865668	-1.15518	2.50945	2.31394	0.819636	1
cg17759322	RASSF4	0.104824	0.263568	1.3018	1.3018	0.385438	1.22307	1.22307	0.208532	1.3499	1.3499	0.800254	1.05905	1.05905	0.9	0.971951	-1.02886	0.704056	0.917261	-1.0902	0.00398376	0.416442	-2.4013	0.885574	0.967939	-1.03312	0.999796	1.00006	1.00006	2.50945	2.03537	0.720961	1
cg20708173	AFAP1;AFAP1	0.104825	0.078454	0.426514	-2.34459	0.0611489	0.398592	-2.50883	0.2978	1.6008	1.6008	0.439617	0.709209	-1.41002	0.0826262	0.432584	-2.31169	0.479459	0.730962	-1.36806	0.034853	0.342293	-2.92147	0.0492707	0.375947	-2.65995	0.119648	0.478978	-2.08778	2.50944	7.55271	2.6753	1
cg05777492	C6orf153	0.104825	0.929779	0.984523	-1.01572	0.326071	1.19655	1.19655	0.0241697	1.60916	1.60916	0.021669	0.613931	-1.62885	0.149478	1.31457	1.31457	0.648472	0.921984	-1.08462	0.380639	1.17251	1.17251	0.531433	1.11872	1.11872	0.564498	1.10858	1.10858	2.50944	1.24475	0.440912	1
cg01105256	SUOX;SUOX;SUOX	0.104825	0.943442	0.988629	-1.0115	0.748469	1.05322	1.05322	0.00899605	1.70806	1.70806	0.771991	0.954248	-1.04795	0.148359	1.28389	1.28389	0.353543	1.16632	1.16632	0.0474607	0.693871	-1.44119	0.695967	1.06534	1.06534	0.856243	0.971194	-1.02966	2.50944	1.03253	0.365742	1
cg16649474	RFX1	0.104827	0.122692	0.682633	-1.46492	0.66276	1.10536	1.10536	0.0233825	0.538826	-1.85589	0.564009	1.1424	1.1424	0.23165	0.750979	-1.3316	0.0583099	0.613604	-1.62971	0.942213	1.01669	1.01669	0.295047	0.780446	-1.28132	0.0247492	0.543232	-1.84083	2.50942	2.07098	0.733582	1
cg26255210	EPS8L2	0.104827	0.450179	0.910481	-1.09832	0.909705	1.01392	1.01392	0.574214	1.07164	1.07164	0.384035	0.89692	-1.11493	0.412563	0.902931	-1.1075	0.402968	1.10995	1.10995	0.00316789	1.63454	1.63454	0.956593	1.00666	1.00666	0.737789	0.959875	-1.0418	2.50942	0.590414	0.209137	1
cg16852955	RHBDD1;RHBDD1	0.104828	0.430588	1.40367	1.40367	0.310108	0.64231	-1.55688	0.0967866	0.463778	-2.1562	0.721277	0.859859	-1.16298	0.00658438	0.226	-4.42477	0.194293	1.78386	1.78386	0.596875	1.25229	1.25229	0.694507	0.846734	-1.18101	0.431014	0.712651	-1.40321	2.50941	7.06053	2.501	1
cg24156903	WHSC2	0.104831	0.546342	0.802702	-1.24579	0.00774176	3.42591	3.42591	0.0611128	2.13767	2.13767	0.876019	0.945345	-1.05782	0.739558	0.886831	-1.12761	0.289626	0.673227	-1.48538	0.134892	1.78645	1.78645	0.483587	1.29213	1.29213	0.720042	1.13833	1.13833	2.50938	5.15038	1.8244	1
cg04596071	MAD1L1;MAD1L1;MAD1L1	0.104832	0.0770828	0.399164	-2.50524	0.299321	0.604983	-1.65294	0.296443	0.603037	-1.65827	0.854579	1.0895	1.0895	0.118258	0.452764	-2.20866	0.480312	0.715194	-1.39822	0.00326953	0.153651	-6.50827	0.682875	0.825382	-1.21156	0.384767	0.659462	-1.51639	2.50937	8.67488	3.07289	1
cg04271131	TBL1X;TBL1X;TBL1X;TBL1X	0.104832	0.224501	0.663807	-1.50646	0.00557268	3.21969	3.21969	0.160969	1.61748	1.61748	0.15367	1.63326	1.63326	0.709593	0.886799	-1.12765	0.711308	0.887464	-1.12681	0.802329	0.922603	-1.08389	0.656866	0.866241	-1.15441	0.898521	1.04183	1.04183	2.50937	4.09909	1.45202	1
cg07598522	TRMT1;TRMT1;TRMT1	0.104833	0.52565	1.07289	1.07289	0.857171	1.0199	1.0199	0.702854	0.958937	-1.04282	0.54527	1.06926	1.06926	0.444901	1.08893	1.08893	0.152636	0.8457	-1.18245	0.00625355	0.677196	-1.47668	0.570678	0.939233	-1.0647	0.145902	1.18624	1.18624	2.50936	0.47564	0.168485	1
cg00936699	TRMT2A;TRMT2A	0.104833	0.0707841	0.538538	-1.85688	0.616962	0.856773	-1.16717	0.0736747	0.542675	-1.84272	0.520793	1.22082	1.22082	0.895377	0.96047	-1.04116	0.0623064	0.525583	-1.90265	0.00859479	0.357939	-2.79377	0.635655	0.863894	-1.15755	0.278557	0.707949	-1.41253	2.50935	3.73468	1.32294	1
cg27311476	C18orf22;C18orf22	0.104834	0.823453	1.06963	1.06963	0.855116	0.94643	-1.0566	0.065889	0.537087	-1.86189	0.0125311	0.392383	-2.54853	0.0661543	0.537492	-1.86049	0.127589	0.608796	-1.64259	0.907157	0.965467	-1.03577	0.269199	1.41427	1.41427	0.855133	1.05659	1.05659	2.50935	3.60606	1.27738	1
cg20283771	CBFA2T3;CBFA2T3	0.104834	0.38174	0.716421	-1.39583	0.142759	1.79605	1.79605	0.769897	1.1152	1.1152	0.404843	1.37278	1.37278	0.296211	0.668551	-1.49577	0.217741	0.617538	-1.61933	0.0184542	0.34558	-2.89369	0.070585	2.11947	2.11947	0.976019	0.988888	-1.01124	2.50934	5.49201	1.94544	1
cg20566897	IFITM1	0.104835	0.373757	0.806134	-1.24049	0.265512	1.31505	1.31505	0.147136	0.692669	-1.44369	0.456618	0.836151	-1.19596	0.0888222	0.642095	-1.5574	0.0506354	0.591144	-1.69164	0.76554	0.931845	-1.07314	0.0114556	0.473905	-2.11013	0.164077	0.704364	-1.41972	2.50933	2.21409	0.784302	1
cg23874437	SPRED3	0.104838	0.3547	1.48017	1.48017	0.655264	1.20332	1.20332	0.594088	1.24801	1.24801	0.754996	0.879033	-1.13761	0.199874	1.74681	1.74681	0.0119985	3.63544	3.63544	0.0135692	3.51862	3.51862	0.191591	1.76725	1.76725	0.599129	0.803747	-1.24417	2.50931	6.7419	2.38823	1
cg04219977	BAT1;BAT1	0.104843	0.102726	0.407319	-2.45508	0.584592	0.757503	-1.32013	0.831963	1.11282	1.11282	0.136876	2.23921	2.23921	0.448424	0.677978	-1.47497	0.661214	1.24838	1.24838	0.0120883	0.207198	-4.82631	0.504917	1.40547	1.40547	0.0925354	0.394045	-2.53778	2.50926	10.0576	3.56285	1
cg20077718	OR10G2	0.104843	0.180765	0.516879	-1.93469	0.564215	1.31088	1.31088	0.0806146	0.406628	-2.45925	0.699484	0.83516	-1.19737	0.127155	0.464818	-2.15138	0.409053	0.67563	-1.4801	0.00660078	0.194402	-5.14399	0.0617719	0.376459	-2.65634	0.416112	0.679791	-1.47104	2.50925	8.57053	3.03606	1
cg04252204	C17orf62;C17orf62;C17orf62	0.104843	0.808782	0.931702	-1.0733	0.76421	1.09174	1.09174	0.314674	0.738315	-1.35443	0.951011	1.01809	1.01809	0.0285001	0.470378	-2.12595	0.278225	0.719646	-1.38957	0.0243759	0.45713	-2.18756	0.0668711	1.82108	1.82108	0.965735	1.01261	1.01261	2.50925	3.38351	1.19859	1
cg05837753	RIMKLB	0.104846	0.626153	0.862085	-1.15998	0.122207	0.602694	-1.65922	0.0527139	0.513915	-1.94585	0.409782	0.775059	-1.29022	0.00334226	0.299031	-3.34414	0.673354	0.879708	-1.13674	0.804812	0.927887	-1.07772	0.514378	0.818836	-1.22125	0.228887	0.6827	-1.46477	2.50922	3.63123	1.28636	1
cg02360432	NKD2	0.104847	0.046709	0.400068	-2.49958	0.171012	0.556337	-1.79747	0.763355	0.885618	-1.12915	0.541289	1.28244	1.28244	0.00944022	0.26622	-3.75628	0.134401	0.522393	-1.91427	0.71812	1.15699	1.15699	0.418113	0.716879	-1.39494	0.0970625	0.480655	-2.08049	2.50922	6.43107	2.2782	1
cg03057528	KIAA1024	0.104848	0.985678	0.99525	-1.00477	0.0571878	1.7695	1.7695	0.0137174	2.24413	2.24413	0.0729005	1.69999	1.69999	0.800229	1.06957	1.06957	0.887007	1.03843	1.03843	0.621943	0.876488	-1.14092	0.187257	0.69023	-1.44879	0.233906	1.39236	1.39236	2.5092	2.79579	0.990411	1
cg00445232	SMAD3;SMAD3;SMAD3;SMAD3	0.104848	0.0185547	0.124954	-8.00294	0.532485	0.630897	-1.58504	0.650751	0.717468	-1.39379	0.15234	0.327271	-3.05557	0.121544	0.294386	-3.3969	0.108901	0.279778	-3.57426	0.015838	0.116119	-8.61189	0.149465	0.324336	-3.08323	0.0650128	0.221036	-4.52414	2.5092	21.0919	7.47186	1
cg13301391	ZNF37B	0.104849	0.482961	0.858779	-1.16444	0.0390499	0.600484	-1.66532	0.033022	0.587253	-1.70284	0.061566	0.63786	-1.56774	0.0154249	0.53011	-1.8864	0.774789	1.06317	1.06317	0.899503	0.973383	-1.02735	0.348307	0.813689	-1.22897	0.322077	0.80379	-1.24411	2.50919	1.81184	0.64185	1
cg00967121	MFAP3;MFAP3;FAM114A2;MFAP3;FAM114A2	0.10485	0.832966	1.10879	1.10879	0.811523	0.889749	-1.12391	0.239297	1.82684	1.82684	0.294339	0.587516	-1.70208	0.0124178	0.218375	-4.57928	0.868111	1.08466	1.08466	0.0744644	2.64263	2.64263	0.160529	2.08141	2.08141	0.540606	0.738664	-1.3538	2.50918	9.50233	3.36624	1
cg21717023	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.10485	0.137039	0.724696	-1.37989	0.919479	0.979876	-1.02054	0.83924	0.959985	-1.04168	0.0306617	1.66611	1.66611	0.876218	0.969147	-1.03183	0.0168881	0.556569	-1.79672	0.32107	1.22889	1.22889	0.409559	0.844035	-1.18478	0.723606	0.931102	-1.074	2.50918	1.60625	0.569024	1
cg18717226	C15orf60	0.104851	0.823418	1.085	1.085	0.466006	0.762784	-1.31099	0.00331768	0.232334	-4.30415	0.310675	0.6819	-1.46649	0.0614954	0.463536	-2.15733	0.942043	0.97381	-1.02689	0.445297	0.752768	-1.32843	0.234928	0.634829	-1.57523	0.928614	1.03325	1.03325	2.50917	5.29429	1.87553	1
cg16986851	EXOC6B	0.104854	0.128402	0.288681	-3.46403	0.138281	3.34154	3.34154	0.573397	1.53742	1.53742	0.622986	0.687559	-1.45442	0.0100259	0.0856637	-11.6736	0.422099	1.85882	1.85882	0.369404	2.00751	2.00751	0.411586	1.88649	1.88649	0.493585	1.69148	1.69148	2.50914	22.7117	8.04587	1
cg16651953	FAM38A	0.104854	0.588437	0.856984	-1.16688	0.393882	1.27982	1.27982	0.031096	0.489267	-2.04387	0.100815	1.6615	1.6615	0.854004	1.05342	1.05342	0.771765	1.08564	1.08564	0.0376064	0.505908	-1.97664	0.241915	0.707499	-1.41343	0.147103	0.644331	-1.552	2.50914	3.17152	1.12354	1
cg06822943	CLRN1;CLRN1OS	0.104855	0.0621395	0.41333	-2.41937	0.163279	0.534717	-1.87015	0.514551	0.75725	-1.32057	0.0951432	0.462331	-2.16295	0.00557659	0.216197	-4.62541	0.117372	0.488919	-2.04533	0.746456	0.872422	-1.14623	0.825829	1.09715	1.09715	0.279859	0.623362	-1.6042	2.50913	7.03381	2.49181	1
cg27451508	ALDH3A1	0.104856	0.432894	0.712244	-1.40401	0.0631873	2.4254	2.4254	0.195145	1.78781	1.78781	0.688202	1.18654	1.18654	0.0105752	0.255776	-3.90967	0.79501	1.11672	1.11672	0.752132	0.874292	-1.14378	0.260539	0.608007	-1.64472	0.541747	0.769593	-1.29939	2.50912	7.14405	2.53087	1
cg27502066	SPHK1;SPHK1;SPHK1;SPHK1	0.104856	0.0329095	0.660499	-1.51401	0.209836	0.802763	-1.2457	0.0221401	0.633805	-1.57777	0.261721	1.21477	1.21477	0.0638099	0.707265	-1.4139	0.211791	0.803598	-1.2444	0.32675	0.845099	-1.18329	0.36639	0.85705	-1.16679	0.677746	1.07193	1.07193	2.50912	1.09811	0.389022	1
cg04525491	ID2	0.104857	0.0949284	0.372746	-2.68279	0.982644	0.988371	-1.01177	0.284352	0.549877	-1.81859	0.330651	0.582868	-1.71565	0.112396	0.394776	-2.53308	0.317682	0.573825	-1.74269	0.00797947	0.16063	-6.22548	0.0555758	0.311422	-3.21108	0.0528192	0.306175	-3.26611	2.5091	11.4916	4.07107	1
cg04721883	ESX1;ESX1	0.10486	0.182788	0.3456	-2.89352	0.177118	2.93916	2.93916	0.259972	2.41834	2.41834	0.0268607	7.17389	7.17389	0.035789	6.2706	6.2706	0.743037	0.780958	-1.28048	0.859915	0.875677	-1.14197	0.0655194	4.72789	4.72789	0.65688	1.39935	1.39935	2.50907	22.4444	7.95138	1
cg20500836	RPTOR;RPTOR	0.104862	0.180345	1.39376	1.39376	0.520088	1.16435	1.16435	0.116742	0.671848	-1.48843	0.637973	1.11695	1.11695	0.621031	1.12333	1.12333	0.842328	1.04758	1.04758	0.00544165	2.34772	2.34772	0.499105	0.852038	-1.17366	0.60765	0.88616	-1.12846	2.50906	2.16423	0.766725	1
cg20004451	GUCA1B	0.104864	0.794735	0.891113	-1.12219	0.883479	0.937213	-1.06699	0.898762	0.945274	-1.05789	0.0633005	0.39714	-2.518	0.00453822	0.187904	-5.32187	0.704248	0.844823	-1.18368	0.53143	1.32353	1.32353	0.998744	1.0007	1.0007	0.0973654	0.447366	-2.23531	2.50903	7.76906	2.75239	1
cg13401823	NFASC;NFASC;NFASC;NFASC;NFASC	0.104865	0.0620674	0.43492	-2.29927	0.765723	0.888311	-1.12573	0.799157	0.903888	-1.10633	0.292306	1.54192	1.54192	0.0118146	0.28766	-3.47633	0.212268	0.594092	-1.68324	0.0385374	0.386768	-2.58553	0.91365	1.04393	1.04393	0.745191	0.878762	-1.13797	2.50903	6.24193	2.21136	1
cg17018021	ABR;ABR	0.104865	0.1406	0.556158	-1.79805	0.085254	2.02232	2.02232	0.170668	1.71604	1.71604	0.857209	1.06894	1.06894	0.0229045	0.365146	-2.73863	0.759806	1.1202	1.1202	0.150668	0.565447	-1.76851	0.357829	1.41907	1.41907	0.707132	0.869618	-1.14993	2.50903	5.44401	1.92868	1
cg15532667	CRIP2	0.104866	0.0788706	0.528269	-1.89298	0.482864	0.791977	-1.26266	0.953918	1.01908	1.01908	0.0584677	0.497012	-2.01202	0.00506121	0.297586	-3.36038	0.553726	0.822095	-1.2164	0.14095	0.595804	-1.6784	0.303285	0.70561	-1.41721	0.179549	0.627387	-1.59391	2.50902	4.24968	1.50557	1
cg00095493	ERGIC3;ERGIC3	0.104866	0.0662342	0.744169	-1.34378	0.37492	1.13952	1.13952	0.0788685	1.32295	1.32295	0.136023	0.794222	-1.25909	0.383753	0.879774	-1.13665	0.0741213	0.751692	-1.33033	0.642165	0.935089	-1.06942	0.983607	0.997058	-1.00295	0.11255	1.28115	1.28115	2.50901	0.817347	0.289568	1
cg23919794	C10orf125;C10orf125	0.104867	0.0337269	0.278282	-3.59348	0.0434631	0.301866	-3.31273	0.927988	0.954443	-1.04773	0.120527	0.419538	-2.38358	0.0109855	0.192827	-5.18601	0.208797	0.504875	-1.98069	0.530249	0.720393	-1.38813	0.135547	0.436137	-2.29286	0.220495	0.514557	-1.94342	2.509	10.573	3.74578	1
cg10157975	ZNF304	0.104867	0.259138	0.565557	-1.76817	0.82689	0.899395	-1.11186	0.318571	0.607102	-1.64717	0.144633	0.468347	-2.13517	0.00532085	0.169005	-5.91698	0.845546	0.909901	-1.09902	0.372305	1.55806	1.55806	0.633688	1.26165	1.26165	0.298732	1.68445	1.68445	2.509	9.31339	3.29955	1
cg24511782	ANAPC7;ANAPC7	0.104869	0.0512958	2.70731	2.70731	0.253568	0.61737	-1.61977	0.295572	1.54523	1.54523	?	?	?	0.0230791	3.65977	3.65977	?	?	?	?	?	?	0.710367	1.15532	1.15532	0.555424	1.26191	1.26191	3.88719	5.30027	0.909014	1
cg11902539	SLC6A18	0.104869	0.257104	1.27157	1.27157	0.0374586	0.612354	-1.63304	0.0227095	0.574658	-1.74017	0.885974	0.971274	-1.02958	0.0916713	0.685757	-1.45824	0.599199	0.897876	-1.11374	0.233447	1.28886	1.28886	0.311616	0.808453	-1.23693	0.344865	0.820675	-1.21851	2.50898	1.63958	0.580874	1
cg20318252	MSI2;MSI2	0.10487	0.552907	0.698515	-1.43161	0.00830081	7.51487	7.51487	0.0293631	4.63575	4.63575	0.447545	1.58831	1.58831	0.801228	0.860039	-1.16274	0.498885	1.50729	1.50729	0.777018	1.18496	1.18496	0.113325	2.80082	2.80082	0.645994	0.758481	-1.31842	2.50897	14.1954	5.02921	1
cg14645481	HINT1;HINT1;HINT1	0.104872	0.245979	1.66324	1.66324	0.406289	0.70031	-1.42794	0.126092	2.00168	2.00168	0.0800295	2.25784	2.25784	0.0172399	3.37574	3.37574	0.198247	1.76853	1.76853	0.244101	0.599904	-1.66693	0.251837	1.65194	1.65194	0.139791	1.94685	1.94685	2.50895	6.9864	2.47519	1
cg05071623	ATRNL1	0.104874	0.215018	1.23008	1.23008	0.0339534	0.675173	-1.4811	0.0634139	1.39263	1.39263	0.439939	0.882525	-1.13311	0.0916357	1.34272	1.34272	0.9066	1.0188	1.0188	0.157847	0.786947	-1.27073	0.49138	1.11727	1.11727	0.750327	0.950609	-1.05196	2.50894	1.00031	0.354399	1
cg01826056	PDZRN4;PDZRN4	0.104875	0.0744777	0.435146	-2.29808	0.54305	0.772767	-1.29405	0.878187	1.06633	1.06633	0.723171	0.861636	-1.16058	0.0320418	0.349344	-2.86251	0.180395	0.551228	-1.81413	0.0103806	0.258842	-3.86336	0.413238	1.41943	1.41943	0.431498	0.714503	-1.39957	2.50892	6.96666	2.46823	1
cg13051058	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6	0.104875	0.167354	1.5293	1.5293	0.175162	0.659574	-1.51613	0.26451	0.714865	-1.39887	0.127432	0.621423	-1.60921	0.323845	1.34191	1.34191	0.529437	1.20187	1.20187	0.0397698	0.503522	-1.98601	0.122851	1.62012	1.62012	0.349345	1.32056	1.32056	2.50892	3.31015	1.17276	1
cg00837649	SUCLG2	0.104877	0.251046	0.886139	-1.12849	0.00973774	0.719244	-1.39035	0.528303	1.06652	1.06652	0.535651	0.938733	-1.06527	0.0570388	0.804898	-1.24239	0.300956	0.8976	-1.11408	0.337793	0.905198	-1.10473	0.847605	1.01958	1.01958	0.172726	1.1575	1.1575	2.5089	0.403701	0.143029	1
cg03175635	ICA1L;ICA1L	0.104877	0.58583	0.789712	-1.26628	0.0783747	2.31406	2.31406	0.0733484	2.35553	2.35553	0.768963	0.881276	-1.13472	0.0901979	0.448778	-2.22827	0.277685	0.616073	-1.62318	0.0325625	0.341836	-2.92538	0.591484	0.792577	-1.26171	0.899977	1.05544	1.05544	2.5089	7.3158	2.59195	1
cg04890237	MMEL1	0.10488	0.45952	1.19642	1.19642	0.719081	1.08982	1.08982	0.748929	1.07947	1.07947	0.361387	1.25035	1.25035	0.270677	0.761015	-1.31404	0.194672	0.721307	-1.38637	0.00503761	0.413394	-2.419	0.382991	1.23743	1.23743	0.805709	1.06044	1.06044	2.50887	2.25326	0.798326	1
cg10040594	ITPK1;ITPK1;ITPK1	0.104882	0.188253	0.501889	-1.99247	0.697414	0.824319	-1.21312	0.111163	0.42398	-2.3586	0.906137	0.943343	-1.06006	0.0150853	0.228379	-4.37868	0.0117897	0.211159	-4.73576	0.444229	0.679996	-1.4706	0.082514	0.386388	-2.58807	0.444551	0.680189	-1.47018	2.50885	9.71473	3.44194	1
cg00649734	VARS	0.104883	0.105847	0.526962	-1.89767	0.1423	0.564364	-1.7719	0.942766	1.02638	1.02638	0.417925	1.35013	1.35013	0.230562	0.633719	-1.57799	0.00524796	0.263102	-3.8008	0.843849	1.07414	1.07414	0.861748	0.93874	-1.06526	0.204835	0.61558	-1.62448	2.50884	5.2262	1.85166	1
cg05887749	BANP;BANP	0.104885	0.933123	0.980018	-1.02039	0.0176039	0.499276	-2.0029	0.0949275	0.643171	-1.5548	0.418016	0.819524	-1.22022	0.0150189	0.48727	-2.05225	0.865655	0.960096	-1.04156	0.372457	1.24634	1.24634	0.722043	1.0897	1.0897	0.465905	0.836561	-1.19537	2.50881	2.29812	0.814239	1
cg03846076	STC2	0.104886	0.0289185	0.106788	-9.36431	0.841033	1.19054	1.19054	0.792847	0.795669	-1.2568	0.091657	0.199307	-5.01738	0.103765	0.213316	-4.68788	0.56068	0.599934	-1.66685	0.0973402	0.20597	-4.85507	0.0165641	0.0787164	-12.7038	0.0834258	0.189345	-5.28135	2.50881	29.968	10.6179	1
cg12646931	MBLAC2;MBLAC2;POLR3G	0.104887	0.0745636	0.456344	-2.19133	0.213608	1.67732	1.67732	0.0100537	3.60738	3.60738	0.685813	1.17423	1.17423	0.685958	0.851686	-1.17414	0.540221	0.782798	-1.27747	0.532101	0.778853	-1.28394	0.225433	0.604849	-1.6533	0.700649	1.16481	1.16481	2.5088	6.19712	2.19569	1
cg18165251	PCDH21	0.104888	0.444972	0.880565	-1.13563	0.715154	1.0617	1.0617	0.309825	0.842258	-1.18728	0.536006	0.902697	-1.10779	0.141173	1.29498	1.29498	0.804721	1.04129	1.04129	0.00534297	1.82101	1.82101	0.301545	1.19106	1.19106	0.497374	0.893558	-1.11912	2.50879	1.06018	0.375634	1
cg23666536	PHTF1	0.104888	0.109783	0.324577	-3.08093	0.0646704	0.261988	-3.81696	0.139315	0.358098	-2.79253	0.807336	0.854105	-1.17082	0.0173273	0.154013	-6.49298	0.0907694	0.30038	-3.32912	0.0328781	0.199718	-5.00706	0.741441	0.807577	-1.23827	0.0811697	0.287093	-3.48319	2.50878	16.5539	5.86521	1
cg16756620	PPIG	0.104896	0.497268	0.881625	-1.13427	0.939473	1.01398	1.01398	0.395507	1.17243	1.17243	0.0153116	0.580275	-1.72332	0.780992	1.05227	1.05227	0.885414	0.973983	-1.02671	0.0158594	0.58266	-1.71627	0.76949	0.947697	-1.05519	0.273542	1.2316	1.2316	2.50871	1.32791	0.470507	1
cg00010078	SH3RF3	0.104898	0.0334728	0.307678	-3.25015	0.0845432	0.404475	-2.47234	0.0309625	0.300665	-3.32596	0.226493	0.547457	-1.82663	0.0561326	0.358336	-2.79068	0.570011	1.31305	1.31305	0.082218	0.401137	-2.49291	0.181655	0.510346	-1.95945	0.135862	0.466501	-2.14362	2.50868	8.94286	3.16868	1
cg03086376	HAGH;HAGH;FAHD1;FAHD1;FAHD1	0.104899	0.143121	0.801599	-1.24751	0.0563254	1.35487	1.35487	0.764727	0.958698	-1.04308	0.237423	0.84035	-1.18998	0.302035	1.16214	1.16214	0.999637	1.00006	1.00006	0.629616	1.07068	1.07068	0.0968422	0.77404	-1.29192	0.0391805	1.39847	1.39847	2.50867	0.784677	0.278032	1
cg26681367	FAM167A	0.104899	0.0619632	0.28102	-3.55846	0.920172	1.06241	1.06241	0.125401	0.367266	-2.72282	0.181425	0.424525	-2.35557	0.030083	0.21424	-4.66766	0.0840078	0.315169	-3.1729	0.0189624	0.179821	-5.56107	0.140733	0.384074	-2.60367	0.129659	0.37204	-2.68788	2.50867	14.4913	5.13464	1
cg21706038	TSSC1	0.104899	0.103517	0.338727	-2.95223	0.068787	0.289858	-3.44997	0.0762414	0.301393	-3.31793	0.26222	0.49126	-2.03558	0.102774	0.33779	-2.96042	0.0829499	0.311214	-3.21322	0.0246721	0.196613	-5.08613	0.0213915	0.186173	-5.37135	0.228627	0.463837	-2.15593	2.50867	14.6877	5.20426	1
cg24881657	SLC5A5	0.1049	0.0332434	0.334045	-2.99361	0.0160905	0.27317	-3.66072	0.0461869	0.36553	-2.73575	0.108242	0.46209	-2.16408	0.0548883	0.383204	-2.60957	0.118257	0.473679	-2.11113	0.306508	0.627241	-1.59428	0.454507	0.714878	-1.39884	0.223811	0.569469	-1.75602	2.50866	7.71205	2.73259	1
cg23427666	TG	0.1049	0.315506	0.648869	-1.54114	0.837468	1.08937	1.08937	0.0353168	0.360054	-2.77736	0.544934	0.774652	-1.2909	0.0151229	0.288226	-3.4695	0.284826	0.629392	-1.58883	0.015613	0.290684	-3.44016	0.745997	0.87332	-1.14506	0.403468	0.700267	-1.42803	2.50866	6.90074	2.44513	1
cg07209709	WDR92;PNO1	0.104904	0.0369249	0.7119	-1.40469	0.455935	1.11235	1.11235	0.627004	1.07108	1.07108	0.990803	0.998385	-1.00162	0.0502095	0.731215	-1.36759	0.0428663	1.38654	1.38654	0.559525	1.08627	1.08627	0.199939	0.827066	-1.20909	0.963178	0.993547	-1.00649	2.50862	0.78123	0.276816	1
cg19978955	CSNK1D;CSNK1D	0.104905	0.77662	0.96472	-1.03657	0.0183653	0.696775	-1.43518	0.99872	1.0002	1.0002	0.611818	1.06675	1.06675	0.280423	0.867908	-1.1522	0.802357	1.03217	1.03217	0.0141705	1.46546	1.46546	0.881626	1.01899	1.01899	0.81535	1.02998	1.02998	2.50861	0.633446	0.224452	1
cg10210371	RAMP1	0.104907	0.200295	0.788281	-1.26858	0.0230092	0.619938	-1.61306	0.847824	0.966781	-1.03436	0.951395	1.01078	1.01078	0.061627	0.6906	-1.44802	0.629029	0.91796	-1.08937	0.0629258	1.44472	1.44472	0.365432	0.849143	-1.17766	0.116729	0.741037	-1.34946	2.50859	1.2286	0.435338	1
cg20125559	HDAC4	0.104909	0.0473605	0.488856	-2.04559	0.194866	1.5412	1.5412	0.777573	0.914536	-1.09345	0.625522	0.85628	-1.16784	0.0115384	0.36915	-2.70893	0.941179	1.02355	1.02355	0.513847	0.811514	-1.23226	0.803528	0.924378	-1.08181	0.0566104	0.506243	-1.97534	2.50857	3.95365	1.40094	1
cg27213157	RGL2;RGL2;RGL2	0.104909	0.925536	0.983665	-1.01661	0.583193	1.10256	1.10256	0.421475	0.865297	-1.15567	0.0414366	0.660776	-1.51337	0.371242	1.17558	1.17558	0.782057	0.952315	-1.05007	0.0377035	0.65398	-1.5291	0.106733	1.36382	1.36382	0.122707	1.34268	1.34268	2.50857	1.23328	0.437002	1
cg10580110	KRT6A	0.10491	0.919232	0.933971	-1.0707	0.835089	1.15079	1.15079	0.207846	0.401841	-2.48855	0.927637	0.940658	-1.06309	0.0597074	0.223876	-4.46676	0.882734	1.10453	1.10453	0.00806207	0.0809487	-12.3535	0.297228	2.09028	2.09028	0.143366	0.337157	-2.96597	2.88756	19.751	4.56003	1
cg12694021	HSPA1B	0.104911	0.767432	1.07686	1.07686	0.0285086	1.9066	1.9066	0.020127	2.01361	2.01361	0.647807	0.891515	-1.12169	0.37949	0.798437	-1.25245	0.828933	1.05551	1.05551	0.387834	0.801727	-1.24731	0.132536	0.666807	-1.49968	0.555509	1.16053	1.16053	2.50854	2.47665	0.877589	1
cg01421615	CTBP2;CTBP2	0.104919	0.636119	0.712353	-1.4038	0.00889041	10.69	10.69	0.0596548	4.53841	4.53841	0.634948	1.40548	1.40548	0.586811	0.676702	-1.47775	0.435847	1.7608	1.7608	0.707225	0.764512	-1.30802	0.0434022	5.22345	5.22345	0.6513	1.38236	1.38236	2.50846	20.1213	7.13012	1
cg24763790	ITPK1;ITPK1;ITPK1	0.104919	0.0940443	0.676961	-1.47719	0.0897702	1.48637	1.48637	0.0685467	0.649158	-1.54046	0.156836	1.37836	1.37836	0.112864	0.693707	-1.44153	0.67837	0.915421	-1.09239	0.137757	1.40312	1.40312	0.782823	1.0603	1.0603	0.933354	0.982432	-1.01788	2.50846	1.78411	0.632209	1
cg23273694	CRYGN	0.104919	0.418733	0.737698	-1.35557	0.610567	0.827702	-1.20816	0.388505	1.38459	1.38459	0.433767	0.745211	-1.3419	0.691819	1.158	1.158	0.0131606	3.10144	3.10144	0.180136	0.592099	-1.68891	0.307303	0.67766	-1.47567	0.0655536	0.467221	-2.14032	2.50846	5.38572	1.90847	1
cg00575529	MDC1;MDC1	0.10492	0.52085	1.08872	1.08872	0.00427369	0.606972	-1.64752	0.0932245	0.78569	-1.27277	0.257714	0.857038	-1.16681	0.476993	0.909875	-1.09905	0.455732	0.905535	-1.10432	0.804485	1.03293	1.03293	0.837154	1.02725	1.02725	0.513311	1.09045	1.09045	2.50845	0.67781	0.240187	1
cg16344850	TBCD	0.104922	0.0808298	0.582792	-1.71588	0.366911	0.772212	-1.29498	0.0217129	0.463728	-2.15644	0.539017	0.840758	-1.1894	0.0458071	0.528093	-1.89361	0.207383	0.690196	-1.44886	0.15002	1.53781	1.53781	0.557574	1.17987	1.17987	0.938516	1.02175	1.02175	2.50843	3.08983	1.09491	1
cg18889780	UCHL1	0.104922	0.327173	0.690752	-1.4477	0.413589	0.736592	-1.3576	0.548048	1.24898	1.24898	0.354434	0.705774	-1.41688	0.0965021	0.513016	-1.94926	0.00473506	0.253523	-3.94442	0.876724	0.944803	-1.05842	0.068103	0.473665	-2.1112	0.99757	1.00111	1.00111	2.50843	5.315	1.88343	1
cg24306751	ATP5L	0.104923	0.361696	1.61808	1.61808	0.539196	0.726812	-1.37587	0.108672	2.45492	2.45492	0.141936	2.24893	2.24893	0.0914857	2.5957	2.5957	0.0314012	3.65337	3.65337	0.0628498	0.341553	-2.9278	0.460874	1.4701	1.4701	0.45641	1.47598	1.47598	2.50842	10.4661	3.70881	1
cg02124892	LIPH;LIPH	0.104924	0.0215813	0.227265	-4.40015	0.099915	0.379817	-2.63285	0.0322349	0.260106	-3.84458	0.0913306	0.368452	-2.71406	0.156867	0.443514	-2.25472	0.422919	0.644349	-1.55195	0.046403	0.293752	-3.40424	0.0810643	0.353951	-2.82525	0.109354	0.391642	-2.55335	2.50841	11.4543	4.05899	1
cg24955546	BEND3	0.104924	0.613309	0.868954	-1.15081	0.134263	1.56066	1.56066	0.130617	0.637639	-1.56829	0.125498	0.633153	-1.5794	0.0879048	0.595018	-1.68062	0.081969	0.587875	-1.70104	0.132246	1.56485	1.56485	0.15686	0.658777	-1.51796	0.25974	0.723206	-1.38273	2.50841	3.01846	1.06963	1
cg08885201	TERF2	0.104929	0.107589	1.44914	1.44914	0.354021	1.22316	1.22316	0.26772	1.27621	1.27621	0.874925	0.967272	-1.03384	0.396368	1.20138	1.20138	0.60687	1.11588	1.11588	0.00697499	0.478432	-2.09016	0.352508	1.22398	1.22398	0.924822	1.02014	1.02014	2.50836	1.77282	0.628234	1
cg13662290	GIMAP4	0.10493	0.183053	0.652163	-1.53336	0.0132325	2.53217	2.53217	0.296143	0.720529	-1.38787	0.304691	0.724978	-1.37935	0.617641	1.16448	1.16448	0.664778	1.14101	1.14101	0.162129	1.57085	1.57085	0.401748	0.77131	-1.29649	0.186989	0.654952	-1.52683	2.50834	3.63685	1.2888	1
cg15201877	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.104932	0.620246	1.25706	1.25706	0.60095	1.27343	1.27343	0.627573	1.25097	1.25097	0.666439	1.21972	1.21972	0.481002	0.720306	-1.3883	0.585412	0.777017	-1.28697	0.199662	0.537621	-1.86005	0.00345744	6.16117	6.16117	0.427337	1.44946	1.44946	2.50833	8.33379	2.95328	1
cg23291865	C20orf30;C20orf30;C20orf30;C20orf30;C20orf30;C20orf30;C20orf30	0.104933	0.100291	0.697824	-1.43303	0.0150403	0.550362	-1.81699	0.0554628	0.64807	-1.54304	0.0472677	0.635339	-1.57396	0.184195	0.754661	-1.3251	0.383385	0.836429	-1.19556	0.48786	1.15123	1.15123	0.641845	0.910646	-1.09812	0.113626	0.708935	-1.41057	2.50831	1.58628	0.562141	1
cg00781604	FAM117B	0.104935	0.0371415	0.712001	-1.40449	0.0160942	0.661367	-1.51202	0.215136	0.832633	-1.20101	0.456889	1.11222	1.11222	0.112138	0.784407	-1.27485	0.0827589	0.763606	-1.30958	0.755928	1.04474	1.04474	0.308978	0.8626	-1.15929	0.830143	1.03062	1.03062	2.50829	0.782825	0.277417	1
cg22373472	MIR220B;TUBB4	0.104936	0.217731	1.24586	1.24586	0.528622	0.897425	-1.1143	0.285146	0.82844	-1.20709	0.289943	0.830103	-1.20467	0.653403	0.926234	-1.07964	0.0187812	1.62041	1.62041	0.0297361	1.54298	1.54298	0.570375	1.10211	1.10211	0.739401	0.944976	-1.05823	2.50829	1.14176	0.404619	1
cg08008254	ADORA2B	0.104936	0.674171	0.937691	-1.06645	0.0308175	1.47085	1.47085	0.80477	1.0384	1.0384	0.39565	1.14151	1.14151	0.115163	1.29772	1.29772	0.360506	1.15376	1.15376	0.0099511	1.64096	1.64096	0.794924	1.04043	1.04043	0.318099	0.854703	-1.17	2.50828	0.919557	0.325874	1
cg23915699	PTPRF;PTPRF	0.104939	0.738653	1.04917	1.04917	0.785778	0.961701	-1.03982	0.0807184	0.757568	-1.32001	0.168466	1.23412	1.23412	0.553917	1.08962	1.08962	0.108335	1.28543	1.28543	0.0114069	1.57444	1.57444	0.444806	0.894351	-1.11813	0.955343	1.00806	1.00806	2.50825	0.816243	0.289265	1
cg26364947	TMEM132D	0.10494	0.305398	0.598715	-1.67024	0.984647	1.00934	1.00934	0.662479	0.80873	-1.23651	0.830619	0.90164	-1.10909	0.013262	0.226844	-4.40831	0.962348	0.977441	-1.02308	0.0134792	0.227992	-4.38612	0.267375	1.74802	1.74802	0.370557	0.641186	-1.55961	2.50825	9.28076	3.28897	1
cg23632432	SPSB1	0.10494	0.734476	0.855449	-1.16898	0.70787	1.18843	1.18843	0.684627	0.829221	-1.20595	0.379473	1.51208	1.51208	0.00300421	0.15473	-6.46286	0.851567	1.08971	1.08971	0.204762	0.541369	-1.84717	0.52474	1.34394	1.34394	0.719798	0.847722	-1.17963	2.50824	8.35507	2.96093	1
cg16985667	KRTAP4-5	0.10494	0.33064	0.659066	-1.5173	0.0936253	0.464947	-2.15078	0.00397841	0.200251	-4.99374	0.441082	0.721596	-1.38582	0.627595	0.816242	-1.22513	0.53016	0.767871	-1.3023	0.812352	0.905946	-1.10382	0.0416677	0.377065	-2.65207	0.258264	0.612659	-1.63223	2.50824	6.85298	2.42861	1
cg09608383	FAM189A1	0.104942	0.494541	0.781692	-1.27928	0.0239169	0.384131	-2.60328	0.00669366	0.286817	-3.48654	0.937567	0.972568	-1.02821	0.686364	0.865773	-1.15504	0.348836	0.710032	-1.40839	0.452879	1.31195	1.31195	0.356718	0.714218	-1.40013	0.202009	0.619824	-1.61336	2.50822	5.00799	1.77478	1
cg10543634	IQCH	0.104945	0.0491462	0.153253	-6.52514	0.0232431	0.103768	-9.63692	0.111452	0.235038	-4.25464	0.303527	0.410628	-2.43529	0.0322873	0.123217	-8.11578	0.128286	0.253321	-3.94756	0.424465	0.505977	-1.97637	0.0440124	0.144731	-6.90936	0.0962971	0.21758	-4.59602	2.50819	27.71	9.8203	1
cg06076931	GLB1L2	0.104949	0.100889	0.492523	-2.03036	0.591685	1.23791	1.23791	0.113877	0.507641	-1.96989	0.763445	0.887833	-1.12634	0.00548013	0.23703	-4.21888	0.926757	0.964408	-1.03691	0.107293	0.500137	-1.99945	0.378938	0.700615	-1.42732	0.166299	0.558902	-1.78922	2.50815	6.1716	2.18722	1
cg12354318	FAM107B	0.10495	0.0834426	3.24734	3.24734	0.0380045	4.38692	4.38692	0.170215	2.45445	2.45445	0.191099	2.3417	2.3417	0.543265	0.685078	-1.45969	0.439727	0.616073	-1.62318	0.0352665	4.51417	4.51417	0.0666771	3.53926	3.53926	0.19723	2.31159	2.31159	2.50814	15.0096	5.31941	1
cg14116792	P2RX1	0.104952	0.319678	0.688388	-1.45267	0.0606106	0.463862	-2.15582	0.0819869	0.496699	-2.01329	0.80739	0.915128	-1.09274	0.0379397	0.417347	-2.39609	0.769138	1.11279	1.11279	0.0177631	0.351107	-2.84814	0.0790714	0.492631	-2.02992	0.151014	0.571906	-1.74854	2.50812	5.2375	1.85619	1
cg09675653	ZNF670	0.104954	0.364346	0.895159	-1.11712	0.236598	1.15875	1.15875	0.887417	0.98331	-1.01697	0.0568658	0.774092	-1.29184	0.122182	0.819517	-1.22023	0.123422	1.2193	1.2193	0.509998	0.923666	-1.08264	0.635839	1.05831	1.05831	0.0384596	1.32966	1.32966	2.5081	0.560768	0.19874	1
cg08069147	GJB7;C6orf162;C6orf162	0.104954	0.277667	2.12726	2.12726	?	?	?	0.187313	2.54574	2.54574	0.997464	1.00213	1.00213	0.0195945	0.151719	-6.59113	0.773064	1.21328	1.21328	?	?	?	?	?	?	?	?	?	2.66484	10.4823	6.2937	1
cg01376079	SSH3	0.104954	0.187313	2.47295	2.47295	0.40566	1.7353	1.7353	0.142344	2.77814	2.77814	0.117975	3.00354	3.00354	0.584539	0.699271	-1.43006	0.95239	0.962056	-1.03944	0.131155	2.87464	2.87464	0.0241492	0.175194	-5.70796	0.142708	2.77518	2.77518	2.5081	16.6728	5.90899	1
cg04860563	TP63;TP63;TP63;TP63;TP63;TP63	0.104955	0.0706792	0.283826	-3.52329	0.0200998	0.174043	-5.74572	0.0617076	0.269257	-3.71393	0.803762	1.16793	1.16793	0.206307	0.435546	-2.29597	0.154226	0.386365	-2.58823	0.642834	0.747379	-1.33801	0.181289	2.42268	2.42268	0.205483	0.434816	-2.29982	2.50809	15.4427	5.47304	1
cg21146037	TRIB1	0.104956	0.47291	0.761228	-1.31367	0.920843	0.963536	-1.03784	0.0427523	0.418275	-2.39077	0.643735	0.840258	-1.19011	0.0888531	0.49591	-2.01649	0.0326668	0.392915	-2.54508	0.0115637	0.307259	-3.25459	0.491568	0.77022	-1.29833	0.119365	0.531734	-1.88064	2.50807	5.5477	1.96617	1
cg08409953	PIK3R4	0.104957	0.0618833	0.180247	-5.54794	0.128094	0.261709	-3.82104	0.370102	0.472339	-2.11713	0.506177	0.577132	-1.73271	0.300343	0.417031	-2.3979	0.125579	0.259015	-3.86078	0.00664014	0.0566533	-17.6512	0.365371	0.468645	-2.13381	0.0364811	0.137935	-7.24979	2.50807	26.3788	9.34895	1
cg09270366	INPP5A	0.104958	0.311808	0.843417	-1.18565	0.131124	1.3038	1.3038	0.289652	0.836212	-1.19587	0.716846	1.06107	1.06107	0.613838	0.920525	-1.08634	0.363259	1.16424	1.16424	0.00504955	1.82844	1.82844	0.572607	1.09723	1.09723	0.730176	1.05797	1.05797	2.50805	1.05214	0.372895	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24574902	SCAP	0.104959	0.0696521	0.331531	-3.01631	0.268765	1.87151	1.87151	0.05462	3.27499	3.27499	0.839797	1.11643	1.11643	0.338478	0.584568	-1.71067	0.748203	0.839245	-1.19155	0.023237	0.22852	-4.37598	0.476975	0.67471	-1.48212	0.369559	0.605664	-1.65108	2.50804	11.7609	4.16825	1
cg13448704	BAI1	0.10496	0.430493	0.755665	-1.32334	0.0100755	0.32285	-3.09741	0.303299	1.4495	1.4495	0.689584	1.15003	1.15003	0.22575	0.642167	-1.55723	0.767565	1.1087	1.1087	0.110432	0.545722	-1.83244	0.350071	0.715423	-1.39778	0.164102	1.67685	1.67685	2.50803	4.81489	1.70648	1
cg27171798	KLHL8	0.104961	0.0619275	0.786129	-1.27206	0.955774	1.00637	1.00637	0.554232	0.93381	-1.07088	0.334587	1.12066	1.12066	0.5425	1.07312	1.07312	0.125345	1.20912	1.20912	0.376002	0.901225	-1.1096	0.976572	1.00337	1.00337	0.0120109	1.43139	1.43139	2.50802	0.520492	0.184472	1
cg06101180	NR4A2	0.104963	0.525388	1.21761	1.21761	0.00589883	3.01065	3.01065	0.732289	1.11077	1.11077	0.332282	0.736379	-1.358	0.12833	1.65355	1.65355	0.352406	1.34014	1.34014	0.135988	1.63483	1.63483	0.14281	1.61912	1.61912	0.614044	0.855918	-1.16834	2.508	3.71809	1.31777	1
cg20271330	LOC127841	0.104963	0.188872	0.398713	-2.50807	0.00372081	0.0751389	-13.3087	0.0429691	0.214691	-4.65785	0.758101	0.815416	-1.22637	0.258234	0.458744	-2.17987	0.456954	0.60628	-1.6494	0.456506	0.605966	-1.65026	0.138732	0.348973	-2.86555	0.466152	0.612699	-1.63212	2.508	17.332	6.14282	1
cg14894144	LAMA3;LAMA3	0.104966	0.0265212	5.69563	5.69563	0.629941	1.37871	1.37871	0.112634	3.13447	3.13447	0.108755	3.18091	3.18091	0.0741388	3.73015	3.73015	0.252079	2.20662	2.20662	0.0448925	4.58502	4.58502	0.0263022	5.71523	5.71523	0.873294	0.899806	-1.11135	2.50797	17.382	6.16064	1
cg24368865	KLK12;KLK12;KLK12;KLK12;KLK12;KLK1	0.104966	0.121726	0.412883	-2.42199	0.144347	2.28614	2.28614	0.90266	1.06664	1.06664	0.903479	1.06606	1.06606	0.0274487	0.252746	-3.95654	0.451793	0.667494	-1.49814	0.122464	0.413724	-2.41707	0.0306949	0.262228	-3.81348	0.824599	1.12417	1.12417	2.50797	11.044	3.91428	1
cg27427908	PRKCZ;PRKCZ;PRKCZ	0.104969	0.816694	1.13878	1.13878	0.0344276	3.97799	3.97799	0.218893	2.06214	2.06214	0.372319	1.66972	1.66972	0.0555511	0.296892	-3.36823	0.784385	1.16592	1.16592	0.0688627	0.319945	-3.12554	0.278483	1.87896	1.87896	0.407288	1.60713	1.60713	2.50794	12.4432	4.41025	1
cg14904908	SFRP1	0.104969	0.502162	0.698243	-1.43217	0.0765105	2.82668	2.82668	0.513615	1.41814	1.41814	0.684271	0.806055	-1.24061	0.00729702	0.161281	-6.20036	0.754736	0.847668	-1.17971	0.838101	1.11393	1.11393	0.18194	2.11103	2.11103	0.875388	1.08628	1.08628	2.50794	11.0466	3.91526	1
cg23028631	RER1	0.104972	0.0468914	1.5739	1.5739	0.0113776	1.88071	1.88071	0.0627444	1.51814	1.51814	0.588961	0.896942	-1.1149	0.461098	0.861053	-1.16137	0.798283	1.05239	1.05239	0.846508	1.03939	1.03939	0.818385	0.955179	-1.04692	0.195319	1.314	1.314	2.50791	1.57883	0.559594	1
cg08116137	NAT8;ALMS1P	0.104976	0.0849099	0.233324	-4.28588	0.0882852	0.237723	-4.20658	0.0624481	0.201536	-4.9619	0.197696	0.353427	-2.82944	0.0494288	0.18037	-5.54416	0.0909689	0.241163	-4.14658	0.0139785	0.0984068	-10.1619	0.234332	0.385854	-2.59165	0.0964628	0.248056	-4.03134	2.50786	23.1758	8.21446	1
cg10982913	HLA-DQB1	0.104977	0.0578807	5.41171	5.41171	0.0623994	5.21616	5.21616	0.852743	0.86387	-1.15758	0.344504	2.15287	2.15287	0.0430223	6.2567	6.2567	?	?	?	0.291043	2.36991	2.36991	0.0161622	10.1485	10.1485	0.497878	1.71933	1.71933	2.53458	22.1293	8.73097	1
cg21133251	THAP4	0.104979	0.178446	0.639799	-1.56299	0.881497	1.0477	1.0477	0.200955	0.655779	-1.5249	0.996573	1.00134	1.00134	0.00539649	0.318485	-3.13987	0.203174	0.657288	-1.5214	0.261945	0.693902	-1.44113	0.820178	0.931344	-1.07372	0.0374613	0.470369	-2.12599	2.50783	3.87603	1.37384	1
cg08942939	TBX15	0.10498	0.050825	0.211663	-4.7245	0.351643	0.512236	-1.95222	0.0528328	0.215246	-4.64584	0.781878	1.21374	1.21374	0.835204	0.864692	-1.15648	0.301791	0.473969	-2.10984	0.0176946	0.133534	-7.48874	0.230071	2.40803	2.40803	0.163931	0.35464	-2.81976	2.50783	19.3455	6.85692	1
cg06369879	RBBP9	0.104981	0.154628	0.545997	-1.83151	0.870188	0.937102	-1.06712	0.49473	0.759265	-1.31706	0.270746	0.634154	-1.5769	0.103341	0.492798	-2.02923	0.167982	0.557858	-1.79257	0.00637797	0.244139	-4.09603	0.366906	1.4451	1.4451	0.109307	0.499803	-2.00079	2.50781	6.26641	2.22112	1
cg11552287	LANCL2	0.104982	0.45768	0.759112	-1.31733	0.76705	0.897396	-1.11433	0.0448007	2.31484	2.31484	0.540353	0.797808	-1.25343	0.769273	0.898357	-1.11314	0.123421	0.54437	-1.83699	0.0433352	0.428757	-2.33232	0.0476877	0.438144	-2.28236	0.396882	1.37183	1.37183	2.5078	5.27454	1.86956	1
cg07259382	MARCH1;MARCH1	0.104985	0.805584	1.10898	1.10898	0.00764977	4.21308	4.21308	0.415225	1.41813	1.41813	0.805807	0.901836	-1.10885	0.087534	0.453304	-2.20603	0.337315	1.5143	1.5143	0.40285	1.43207	1.43207	0.234431	1.68681	1.68681	0.371838	0.680706	-1.46906	2.50777	6.98891	2.47724	1
cg10028038	SNORD84;BAT1;BAT1	0.104985	0.210384	0.748503	-1.336	0.0219578	1.828	1.828	0.0361416	1.70712	1.70712	0.502373	0.861215	-1.16115	0.594933	0.88889	-1.125	0.176317	0.729416	-1.37096	0.291502	1.27154	1.27154	0.792418	0.943756	-1.0596	0.830492	1.04818	1.04818	2.50777	1.91322	0.678148	1
cg13737221	SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2D3C	0.104988	0.638316	1.25909	1.25909	0.194543	0.512842	-1.94992	0.0727158	2.6492	2.6492	0.364744	1.57333	1.57333	0.401291	0.658339	-1.51897	0.26154	0.565669	-1.76782	0.0675489	0.369127	-2.7091	0.054589	0.346085	-2.88947	0.236915	1.82758	1.82758	2.50774	9.4046	3.33353	1
cg04562491	DTX1	0.104992	0.640146	1.14571	1.14571	0.514094	1.21064	1.21064	0.0625024	1.83241	1.83241	0.777684	1.08521	1.08521	0.457213	0.803546	-1.24448	0.609805	0.86183	-1.16032	0.0106605	0.395551	-2.52812	0.123132	0.617224	-1.62016	0.610649	1.15991	1.15991	2.5077	3.31465	1.17492	1
cg16817134	KIAA1712;FBXO8;KIAA1712;FBXO8	0.104994	0.166906	1.17508	1.17508	0.860171	1.01949	1.01949	0.0954353	1.22208	1.22208	0.0409965	1.2946	1.2946	0.0795745	1.23743	1.23743	0.701205	1.04311	1.04311	0.381475	0.906399	-1.10327	0.100415	0.821155	-1.2178	0.31578	0.892651	-1.12026	2.50768	0.476073	0.168752	1
cg23400642	C17orf101;C17orf101	0.104995	0.797304	0.937	-1.06724	0.517762	1.18033	1.18033	0.170908	0.691679	-1.44576	0.431258	1.22519	1.22519	0.00780905	0.421743	-2.37111	0.89306	0.966566	-1.03459	0.812894	0.941813	-1.06178	0.245603	0.735625	-1.35939	0.0367982	0.541596	-1.84639	2.50767	2.53868	0.899882	1
cg09059181	NOLC1	0.104998	0.311275	1.12872	1.12872	0.0215703	1.37572	1.37572	0.302981	1.13126	1.13126	0.542081	1.07394	1.07394	0.362661	1.11421	1.11421	0.43782	1.09579	1.09579	0.151532	0.837264	-1.19437	0.0411721	0.761635	-1.31297	0.913646	0.98754	-1.01262	2.50764	0.530612	0.188087	1
cg24873593	APBB3;APBB3;APBB3;SLC35A4;APBB3;APBB3;APBB3;APBB3;APBB3	0.105002	0.0179857	0.179297	-5.57734	0.152933	0.400442	-2.49724	0.84406	1.12496	1.12496	0.993837	1.00463	1.00463	0.812856	1.15235	1.15235	0.595329	1.37783	1.37783	0.895013	0.924095	-1.08214	0.0104212	0.145383	-6.87837	0.317245	0.53894	-1.85549	2.5076	14.1975	5.03268	1
cg19463982	EPN3	0.105002	0.873881	0.918845	-1.08832	0.168212	0.45729	-2.1868	0.40945	0.637957	-1.5675	0.572671	1.3549	1.3549	0.00863917	0.167979	-5.95314	0.27326	0.544706	-1.83585	0.0167457	0.211018	-4.73892	0.826356	0.889528	-1.12419	0.372072	0.613675	-1.62953	2.5076	11.2748	3.99665	1
cg09808774	OTOP3	0.105003	0.0356046	0.449234	-2.22601	0.0991327	0.553537	-1.80657	0.0536199	0.488218	-2.04827	0.228463	0.661324	-1.51212	0.0372767	0.45345	-2.20531	0.112334	0.568051	-1.7604	0.0203393	0.400541	-2.49662	0.243347	0.670743	-1.49088	0.227381	0.660624	-1.51372	2.50759	4.25044	1.50669	1
cg22242539	SERPINF1	0.105003	0.306994	0.781284	-1.27994	0.904922	0.972497	-1.02828	0.0246671	0.535594	-1.86708	0.509279	0.855348	-1.16912	0.0645336	0.615925	-1.62357	0.66421	1.10732	1.10732	0.501103	1.17277	1.17277	0.0419968	1.72791	1.72791	0.610228	1.12748	1.12748	2.50759	2.16323	0.766824	1
cg03258142	STXBP1;STXBP1	0.105004	0.598017	0.867141	-1.15321	0.0738565	1.70542	1.70542	0.238899	1.39162	1.39162	0.28275	0.741531	-1.34856	0.0145116	0.446276	-2.24077	0.432283	1.23951	1.23951	0.626369	1.14048	1.14048	0.414739	1.25027	1.25027	0.252541	0.725997	-1.37742	2.50758	2.85077	1.01055	1
cg25226014	CXCR6;FYCO1	0.105004	0.100914	0.70911	-1.41022	0.0464119	0.646306	-1.54725	0.664565	0.919915	-1.08706	0.75265	0.941303	-1.06236	0.733916	0.936805	-1.06746	0.510979	1.13606	1.13606	0.0310481	1.62308	1.62308	0.0916828	0.700958	-1.42662	0.270167	0.802776	-1.24568	2.50758	1.45384	0.515358	1
cg01448891	C9orf140	0.105006	0.593924	1.16893	1.16893	0.0226726	2.20638	2.20638	0.250436	1.41672	1.41672	0.654046	0.877356	-1.13979	0.672736	1.13115	1.13115	0.394803	1.28762	1.28762	0.0331567	2.05928	2.05928	0.0130455	2.44322	2.44322	0.406171	1.27952	1.27952	2.50756	3.34128	1.18443	1
cg07783094	PTPRN2;PTPRN2;PTPRN2	0.105006	0.268692	1.55788	1.55788	0.271814	1.55304	1.55304	0.520271	1.28506	1.28506	0.242962	1.60033	1.60033	0.043676	2.44107	2.44107	0.145373	1.82522	1.82522	0.0050175	4.1728	4.1728	0.0697484	2.18252	2.18252	0.409514	1.38347	1.38347	2.50755	5.88148	2.08489	1
cg02580528	SMG7;SMG7;SMG7	0.105007	0.695181	1.042	1.042	0.0169953	1.35539	1.35539	0.0194515	1.34332	1.34332	0.521991	0.934445	-1.07015	0.423239	1.08922	1.08922	0.741113	0.965954	-1.03525	0.186357	1.15762	1.15762	0.856188	0.981225	-1.01913	0.0742938	1.23094	1.23094	2.50755	0.433511	0.153673	1
cg01134144	ARHGEF6	0.105008	0.0239238	0.161288	-6.20007	0.0478956	0.216203	-4.62528	0.365733	0.532978	-1.87625	0.231744	0.427706	-2.33805	0.143313	0.344732	-2.9008	0.23669	0.431911	-2.31529	0.0164633	0.137439	-7.27595	0.0969935	0.291277	-3.43315	0.0817696	0.27088	-3.69167	2.50753	18.2096	6.45509	1
cg04150574	ZNF799	0.10501	0.587022	1.21514	1.21514	0.791757	1.09858	1.09858	0.0107863	0.320461	-3.1205	0.781711	0.90602	-1.10373	0.632905	1.18647	1.18647	0.0338007	2.41234	2.41234	0.975193	1.01111	1.01111	0.245032	0.649171	-1.54043	0.417976	0.74522	-1.34189	2.50751	5.01357	1.77726	1
cg18365406	LPPR2;LPPR2	0.105011	0.0724658	3.14682	3.14682	0.180694	2.25461	2.25461	0.469639	1.52311	1.52311	0.17036	2.30522	2.30522	0.0525554	3.52787	3.52787	0.0639356	3.29043	3.29043	0.043235	3.78114	3.78114	0.0303657	4.28792	4.28792	0.0399959	3.88724	3.88724	2.50751	12.9923	4.60567	1
cg10117518	WDR43	0.105012	0.493254	1.28874	1.28874	0.955792	1.02037	1.02037	0.132901	1.81607	1.81607	0.0221746	0.358214	-2.79163	0.3718	0.715441	-1.39774	?	?	?	0.104073	0.519245	-1.92587	0.204422	1.63414	1.63414	0.279873	0.662982	-1.50834	2.68925	4.90257	1.59515	1
cg20719524	RPP25	0.105013	0.47909	0.466339	-2.14436	0.0208906	19.0518	19.0518	0.129342	5.68266	5.68266	0.119488	5.99617	5.99617	?	?	?	0.117196	6.07514	6.07514	0.0307746	14.7254	14.7254	0.287262	3.22665	3.22665	0.535738	1.94422	1.94422	2.5342	40.1005	15.8238	1
cg02678768	EVPL	0.105014	0.0287073	0.200994	-4.97526	0.0760592	0.293021	-3.41273	0.0498293	0.248796	-4.01936	0.606972	0.724233	-1.38077	0.0295917	0.203378	-4.91696	0.0468914	0.243027	-4.11477	0.477944	0.638506	-1.56616	0.0731698	0.288648	-3.46442	0.419163	0.598524	-1.67078	2.50747	15.3552	5.44336	1
cg19215261	SLC25A2	0.105015	0.0652432	1.3643	1.3643	0.975645	0.995428	-1.00459	0.0481634	0.712519	-1.40347	0.947786	0.990219	-1.00988	0.85186	0.972331	-1.02846	0.38167	1.14416	1.14416	0.0189541	1.53182	1.53182	0.400986	1.13772	1.13772	0.429193	0.88592	-1.12877	2.50747	0.894608	0.317136	1
cg01233968	DIP2C	0.105018	0.176037	1.6498	1.6498	0.53196	1.24648	1.24648	0.38999	0.735971	-1.35875	0.1439	1.72708	1.72708	0.17494	1.65217	1.65217	0.0545087	2.13653	2.13653	0.00772132	3.29046	3.29046	0.252163	1.51634	1.51634	0.192301	1.61653	1.61653	2.50743	4.80977	1.70507	1
cg05055833	SNORD115-15;SNORD115-21;SNORD115-25	0.105021	0.263356	0.530284	-1.88578	0.78152	0.859633	-1.16329	0.184878	0.465331	-2.14901	0.6353	0.771113	-1.29683	0.00575029	0.139573	-7.16471	0.495441	0.686217	-1.45726	0.0361997	0.26578	-3.76251	0.48516	0.679852	-1.47091	0.0544556	0.305109	-3.27752	2.5074	11.7531	4.16654	1
cg04242396	EPN3	0.105022	0.129425	0.341227	-2.9306	0.744758	1.2391	1.2391	0.055265	0.240268	-4.16201	0.335718	0.521284	-1.91834	0.0109227	0.122878	-8.13813	0.245126	0.450292	-2.22078	0.0465376	0.224015	-4.46398	0.177306	0.39024	-2.56253	0.106457	0.314471	-3.17994	2.50738	17.1032	6.06323	1
cg25240172	B3GNT2	0.105026	0.507934	1.2715	1.2715	0.577634	1.22283	1.22283	0.11294	0.539561	-1.85336	0.0439636	2.28844	2.28844	0.785715	1.10237	1.10237	0.0375557	0.421946	-2.36997	0.0989851	1.90952	1.90952	0.426196	0.747837	-1.33719	0.697474	0.869618	-1.14993	2.50734	5.07865	1.80046	1
cg16882830	ZNF398;ZNF425	0.105028	0.284457	0.794175	-1.25917	0.0622797	0.647289	-1.54491	0.936014	0.983496	-1.01678	0.602742	1.11497	1.11497	0.0929639	0.681756	-1.4668	0.0552231	0.637339	-1.56902	0.0621161	0.647069	-1.54543	0.761584	1.0651	1.0651	0.106853	1.44033	1.44033	2.50733	1.70586	0.604753	1
cg02287056	CENPBD1;AFG3L1;AFG3L1;CENPBD1;AFG3L1	0.105032	0.00842928	0.33565	-2.9793	0.461214	0.783946	-1.2756	0.808203	1.08211	1.08211	0.475873	1.26523	1.26523	0.142604	0.599662	-1.66761	0.417706	1.30831	1.30831	0.855372	1.06099	1.06099	0.122742	1.72055	1.72055	0.415047	1.31041	1.31041	2.50728	4.18122	1.48234	1
cg25048564	HUNK	0.105033	0.908827	0.957716	-1.04415	0.0633394	2.19793	2.19793	0.838683	1.07991	1.07991	0.368567	0.705887	-1.41666	0.920795	0.963186	-1.03822	0.80665	1.09689	1.09689	0.504046	0.77437	-1.29137	0.00545306	0.251915	-3.9696	0.62162	1.20638	1.20638	2.50727	5.64805	2.00237	1
cg18244286	SERPINB9	0.10504	0.194888	3.0019	3.0019	0.239758	2.68285	2.68285	0.109674	4.04752	4.04752	0.401052	1.9919	1.9919	0.38134	2.05411	2.05411	0.219443	2.81594	2.81594	0.0395183	0.14823	-6.74627	0.0495224	6.02929	6.02929	0.0972863	4.30101	4.30101	2.5072	25.5216	9.04826	1
cg23569415	KIF13B	0.105044	0.0541855	0.624291	-1.60182	0.096002	0.674253	-1.48312	0.0554799	0.626267	-1.59676	0.766239	0.93774	-1.06639	0.081159	0.659099	-1.51722	0.553409	1.13799	1.13799	0.504839	1.15709	1.15709	0.700589	1.08687	1.08687	0.0331507	0.584512	-1.71083	2.50716	1.84593	0.654455	1
cg10009207	DDX19B;DDX19B;DDX19B	0.105044	0.663091	1.16691	1.16691	0.0205959	2.66996	2.66996	0.47456	1.29186	1.29186	0.680115	1.15719	1.15719	0.131714	0.563842	-1.77355	0.117009	0.549016	-1.82144	0.675174	0.862074	-1.15999	0.0528135	2.1708	2.1708	0.688629	0.867753	-1.1524	2.50716	4.92399	1.74575	1
cg10243322	KDM4B	0.105046	0.160201	0.677076	-1.47694	0.090571	1.62361	1.62361	0.374322	1.26745	1.26745	0.38771	0.794449	-1.25873	0.941931	1.01911	1.01911	0.162341	0.678603	-1.47362	0.900236	1.03313	1.03313	0.0185433	2.10033	2.10033	0.186659	1.43883	1.43883	2.50714	2.68232	0.950997	1
cg02345317	NLGN3;NLGN3;NLGN3	0.105048	0.204458	0.473899	-2.11016	0.0857701	0.346818	-2.88336	0.0561392	3.34118	3.34118	0.158187	2.31949	2.31949	0.453368	1.53107	1.53107	0.0601228	0.306492	-3.26273	0.59709	1.34647	1.34647	0.924022	1.05464	1.05464	0.258013	1.93135	1.93135	2.50712	12.3488	4.37823	1
cg01150454	MRPS5	0.105049	0.0812723	0.65528	-1.52606	0.217771	1.32787	1.32787	0.253965	1.29764	1.29764	0.6337	0.900326	-1.11071	0.144803	0.709976	-1.4085	0.260501	0.773611	-1.29264	0.699379	0.918634	-1.08857	0.0276255	0.565751	-1.76756	0.163275	1.38465	1.38465	2.50711	1.89941	0.673432	1
cg13722127	RARRES2	0.105049	0.158223	2.36248	2.36248	0.979544	0.985494	-1.01472	0.576414	1.37938	1.37938	0.33862	1.75441	1.75441	0.129887	2.54062	2.54062	0.059784	3.35517	3.35517	0.00795418	6.95299	6.95299	0.0482885	3.61862	3.61862	0.129659	2.54225	2.54225	2.50711	12.8964	4.57238	1
cg18413659	HEATR2	0.10505	0.333333	0.820046	-1.21944	0.597719	0.899541	-1.11168	0.861836	0.96596	-1.03524	0.458018	1.16212	1.16212	0.0445836	0.632221	-1.58173	0.0570489	0.651761	-1.53431	0.0313285	1.65228	1.65228	0.251744	0.788163	-1.26877	0.381795	0.836663	-1.19523	2.50709	1.56949	0.556463	1
cg20290167	METRNL	0.105051	0.221251	0.531562	-1.88125	0.00984109	0.201195	-4.97031	0.0611717	0.354554	-2.82045	0.0502341	0.333858	-2.99529	0.0738243	0.375556	-2.66272	0.353671	0.625627	-1.5984	0.128557	0.446049	-2.2419	0.960985	0.976245	-1.02433	0.149646	0.468037	-2.13658	2.50709	9.59084	3.40043	1
cg14182496	PRUNE2	0.105051	0.182361	0.402411	-2.48502	0.353962	0.541516	-1.84667	0.0483181	0.234286	-4.26828	0.885234	1.09734	1.09734	0.00845947	0.115056	-8.69141	0.106727	0.322143	-3.10421	0.108812	0.324693	-3.07983	0.910845	1.0747	1.0747	0.118392	0.336086	-2.97542	2.50709	16.4258	5.82379	1
ch.14.1823318	KLC1;KLC1;KLC1	0.105052	0.470524	0.893603	-1.11906	0.964083	1.00692	1.00692	0.073535	1.35762	1.35762	0.0997274	1.31844	1.31844	0.0646842	0.727619	-1.37435	0.697747	1.06163	1.06163	0.590852	0.9202	-1.08672	0.110381	1.30553	1.30553	0.0535008	1.39942	1.39942	2.50708	0.932389	0.330581	1
cg12841020	PGF	0.105054	0.0331605	0.484921	-2.06219	0.966661	0.987926	-1.01222	0.670366	0.882993	-1.13251	0.0975754	0.589595	-1.69608	0.0180374	0.43391	-2.30463	0.568047	0.845596	-1.1826	0.0242871	0.458241	-2.18226	0.734754	1.10388	1.10388	0.404333	0.780367	-1.28145	2.50705	3.35389	1.18914	1
cg23549021	CXorf22	0.105055	0.0357957	0.285941	-3.49723	0.0770661	0.365106	-2.73893	0.142029	0.445269	-2.24583	0.270372	1.80075	1.80075	0.0548852	0.327628	-3.05224	0.0550731	0.327984	-3.04892	0.0993244	0.396153	-2.52428	0.305808	0.58074	-1.72194	0.737132	0.841423	-1.18846	2.50705	10.4304	3.69818	1
cg25829729	SOHLH2;SOHLH2	0.105058	0.109884	0.707718	-1.41299	0.0826234	1.46424	1.46424	0.513046	0.876697	-1.14065	0.286912	0.80303	-1.24528	0.763827	0.941975	-1.0616	0.980382	0.995134	-1.00489	0.0155849	1.80098	1.80098	0.241274	1.2755	1.2755	0.51543	0.877367	-1.13977	2.50702	1.56251	0.554003	1
cg23679333	LOC100302652;ASB3;ASB3;CHAC2	0.105059	0.292292	0.815272	-1.22658	0.583809	1.10895	1.10895	0.413977	1.16894	1.16894	0.148231	1.3363	1.3363	0.924952	1.01777	1.01777	0.960654	0.990821	-1.00926	0.00472393	0.495788	-2.01699	0.946901	0.987628	-1.01253	0.50536	1.13466	1.13466	2.50701	1.3873	0.491884	1
cg17949127	RGS21	0.105061	0.539492	0.9004	-1.11062	0.0661933	0.706077	-1.41628	0.739601	0.945221	-1.05795	0.256792	0.818816	-1.22128	0.60552	0.915768	-1.09198	0.948445	1.01098	1.01098	0.0367641	1.50643	1.50643	0.0378264	0.66581	-1.50193	0.0986057	0.736465	-1.35784	2.50698	1.13254	0.401558	1
cg07183799	ARGLU1	0.105061	0.562059	0.740935	-1.34965	0.413025	1.53428	1.53428	0.667277	0.801547	-1.24759	0.128668	2.31622	2.31622	0.803787	0.880445	-1.13579	0.0930002	2.57351	2.57351	0.91838	1.05383	1.05383	0.00455159	6.90964	6.90964	0.388148	1.57209	1.57209	2.50698	10.3878	3.68315	1
cg27196467	KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.105061	0.0467684	0.289144	-3.45849	0.0581613	0.311289	-3.21245	0.211316	0.487842	-2.04984	0.304133	0.559857	-1.78617	0.0164423	0.202326	-4.94252	0.369373	0.605029	-1.65281	0.0216848	0.222611	-4.49213	0.146613	0.427753	-2.3378	0.22356	0.498083	-2.0077	2.50698	11.7955	4.18227	1
cg00133223	LOC220729	0.105062	0.150221	1.49933	1.49933	0.156068	1.48959	1.48959	0.294431	1.33052	1.33052	0.238854	1.38258	1.38258	0.473098	0.825613	-1.21122	0.112735	1.57363	1.57363	0.00436825	2.71781	2.71781	0.371854	1.27224	1.27224	0.348942	1.28817	1.28817	2.50698	2.73821	0.970875	1
cg23476401	H19	0.105062	0.186041	2.36252	2.36252	0.0162297	6.06627	6.06627	0.0808908	3.27686	3.27686	0.245486	2.10618	2.10618	0.077967	3.32345	3.32345	0.150048	2.57586	2.57586	0.0347881	4.52111	4.52111	0.0407147	4.25785	4.25785	0.226531	2.17848	2.17848	2.50697	14.9295	5.29348	1
cg01667646	SH3GL3;SH3GL3	0.105064	0.865243	0.959138	-1.0426	0.0230041	1.95013	1.95013	0.761334	1.0777	1.0777	0.579955	1.14719	1.14719	0.0786357	1.61571	1.61571	0.0654614	0.60178	-1.66174	0.833937	0.949739	-1.05292	0.221182	1.37147	1.37147	0.083993	1.59942	1.59942	2.50695	2.39548	0.849364	1
cg10492716	WDR37	0.105064	0.30367	0.831182	-1.20311	0.968222	0.993109	-1.00694	0.0662017	0.699318	-1.42996	0.931039	0.98509	-1.01514	0.693357	0.933529	-1.0712	0.189637	1.2727	1.2727	0.0104644	1.74948	1.74948	0.288376	0.825884	-1.21082	0.999778	0.999952	-1.00005	2.50695	1.19608	0.424093	1
cg08641090	CYP26B1	0.105065	0.536286	1.1051	1.1051	0.132692	0.771904	-1.2955	0.219886	1.22858	1.22858	0.766081	1.04876	1.04876	0.362839	1.16096	1.16096	0.0278102	1.51426	1.51426	0.261593	0.829594	-1.20541	0.0592589	1.40471	1.40471	0.092301	1.34402	1.34402	2.50694	1.01108	0.358499	1
cg27490930	PIP5K1C	0.105065	0.196576	1.55848	1.55848	0.0060628	3.20489	3.20489	0.283205	1.4367	1.4367	0.414918	1.31103	1.31103	0.343556	0.72827	-1.37312	0.726416	0.892117	-1.12093	0.36756	0.740235	-1.35092	0.642916	1.16384	1.16384	0.29495	0.702595	-1.4233	2.50694	4.19305	1.48674	1
cg25921813	C3orf21	0.105066	0.181146	0.424478	-2.35584	0.0236417	0.195768	-5.10808	0.0128927	0.155135	-6.44602	0.0453142	0.250098	-3.99842	0.511439	0.669007	-1.49475	0.909797	1.0708	1.0708	0.296838	0.520566	-1.92098	0.410375	0.601623	-1.66217	0.105819	0.34429	-2.90452	2.50693	14.4642	5.12862	1
cg10596361	XKR6	0.105068	0.944428	1.05045	1.05045	0.0662497	4.28236	4.28236	0.343596	1.99135	1.99135	0.042364	5.2103	5.2103	0.0666517	0.234138	-4.27099	0.218092	2.49598	2.49598	0.157787	2.90464	2.90464	0.983328	1.01486	1.01486	0.0741851	4.07437	4.07437	2.50691	19.7906	7.01724	1
cg18588934	C9orf106	0.10507	0.724848	0.948167	-1.05467	0.984992	0.997171	-1.00284	0.208817	1.22084	1.22084	0.358324	0.867396	-1.15288	0.135759	0.784956	-1.27396	0.74252	0.951563	-1.0509	0.0514299	0.716069	-1.39651	0.457547	0.892314	-1.12068	0.0175873	1.54508	1.54508	2.50689	0.900572	0.319323	1
cg21106461	NSL1;TATDN3;TATDN3;TATDN3;TATDN3;NSL1;TATDN3	0.105072	0.0310683	0.136575	-7.32196	0.177027	0.323451	-3.09166	0.0729802	0.207397	-4.82167	0.99224	0.992379	-1.00768	0.285805	0.418118	-2.39167	0.104068	0.247108	-4.04682	0.0140292	0.0920106	-10.8683	0.192586	0.337973	-2.95882	0.068949	0.201697	-4.95792	2.50687	24.5667	8.7109	1
cg25465483	KCNMB2;KCNMB2	0.105072	0.563601	0.825872	-1.21084	0.00482105	0.293649	-3.40543	0.483122	0.791719	-1.26307	0.318941	1.40146	1.40146	0.4013	0.754653	-1.32511	0.088332	0.540005	-1.85183	0.205028	0.645213	-1.54988	0.724224	0.890406	-1.12308	0.538929	1.22611	1.22611	2.50686	4.2631	1.51162	1
cg09303800	RACGAP1P	0.105074	0.458686	0.878366	-1.13848	0.346524	0.846522	-1.1813	0.143819	0.763426	-1.30988	0.904525	0.979586	-1.02084	0.639662	1.08442	1.08442	0.59338	0.911526	-1.09706	0.00472676	1.90614	1.90614	0.874488	0.973195	-1.02754	0.494656	0.887633	-1.12659	2.50684	1.17295	0.415911	1
cg05258123	CUX1;CUX1;CUX1	0.105076	0.158563	0.522257	-1.91477	0.0588088	0.398557	-2.50905	0.682936	0.837772	-1.19364	0.0865427	0.442186	-2.26149	0.0384774	0.355768	-2.81082	0.190117	0.549856	-1.81866	0.00849384	0.235064	-4.25416	0.209371	0.565367	-1.76876	0.44798	0.716545	-1.39559	2.50682	7.3757	2.61533	1
cg10696302	PLXNB2	0.105077	0.494123	1.13346	1.13346	0.0291523	1.59009	1.59009	0.265675	0.811182	-1.23277	0.48114	0.878808	-1.13791	0.0347416	1.55901	1.55901	0.403149	0.856972	-1.1669	0.248187	1.24333	1.24333	0.325928	0.832776	-1.2008	0.309909	0.827315	-1.20873	2.50682	1.29228	0.458227	1
cg17406963	RPS6KA2	0.105077	0.344989	0.778689	-1.28421	0.948502	0.983526	-1.01675	0.0634381	0.584636	-1.71047	0.605302	1.14347	1.14347	0.0090561	0.426102	-2.34685	0.340702	0.776847	-1.28725	0.105967	1.57475	1.57475	0.571948	0.863397	-1.15822	0.704713	0.906726	-1.10287	2.50681	2.62588	0.93111	1
cg02769104	FAM46B	0.105078	0.0589016	0.442303	-2.26089	0.818736	0.915964	-1.09175	0.59118	0.812741	-1.23041	0.254131	0.634218	-1.57674	0.0111571	0.296309	-3.37485	0.749707	1.1302	1.1302	0.0754483	0.469165	-2.13145	0.0324302	0.383816	-2.60542	0.65905	0.843837	-1.18506	2.50681	5.80549	2.05857	1
cg09378691	ZNF335	0.105083	0.419625	1.1432	1.1432	0.00791876	1.73794	1.73794	0.0389531	1.47388	1.47388	0.206106	1.24166	1.24166	0.25691	1.21171	1.21171	0.729923	1.05786	1.05786	0.514437	0.898262	-1.11326	0.821332	0.963956	-1.03739	0.0964748	1.34471	1.34471	2.50676	1.04568	0.370796	1
cg15288874	GALNTL4	0.105084	0.839236	1.07817	1.07817	0.320945	0.683883	-1.46224	0.411551	0.732627	-1.36495	0.388176	0.720573	-1.38779	0.41426	0.734005	-1.36239	0.0122334	0.314578	-3.17886	0.031204	0.391884	-2.55178	0.150129	1.77112	1.77112	0.731414	1.13618	1.13618	2.50675	5.45073	1.93282	1
cg09317752	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.105086	0.460607	1.20193	1.20193	0.102283	0.645454	-1.5493	0.934976	0.98022	-1.02018	0.831783	0.949251	-1.05346	0.00513643	0.40454	-2.47194	0.109614	0.652416	-1.53277	0.744975	0.923197	-1.08319	0.794341	1.06605	1.06605	0.161173	0.693224	-1.44253	2.50673	2.38	0.843953	1
cg08982524	SYS1;SYS1;SYS1-DBNDD2	0.105087	0.282437	0.842199	-1.18737	0.625392	1.07859	1.07859	0.919546	0.984585	-1.01566	0.0575881	0.718801	-1.39121	0.809851	1.03776	1.03776	0.882943	1.02291	1.02291	0.00445317	0.558016	-1.79206	0.59972	1.08483	1.08483	0.948547	1.00997	1.00997	2.50671	0.938613	0.332835	1
cg03876340	SLC33A1	0.105088	0.669992	0.80317	-1.24507	0.00727812	0.170343	-5.8705	0.720757	1.20144	1.20144	0.383608	1.57902	1.57902	0.833639	0.89804	-1.11354	0.241432	0.53421	-1.87192	0.0320398	0.276851	-3.61205	0.243803	0.536049	-1.8655	0.980359	1.01267	1.01267	2.5067	10.3791	3.68049	1
cg03332810	PPP2R2D;PPP2R2D;PPP2R2D	0.105088	0.0721335	1.66182	1.66182	0.655106	0.892463	-1.12049	0.191068	0.704472	-1.4195	0.726282	1.09301	1.09301	0.00757605	0.419282	-2.38503	0.685056	0.901964	-1.10869	0.872806	1.04138	1.04138	0.190931	0.704387	-1.41967	0.5486	0.857617	-1.16602	2.5067	2.54221	0.901483	1
cg17783135	C3orf21	0.105094	0.0999902	0.396443	-2.52243	0.341387	0.604557	-1.6541	0.105109	0.402916	-2.48191	0.147874	2.21874	2.21874	0.794411	0.874542	-1.14346	0.255475	0.543677	-1.83933	0.0213603	0.24177	-4.13617	0.366146	1.6106	1.6106	0.118834	0.419358	-2.38459	2.50664	10.461	3.70962	1
cg05142373	FZD1	0.105094	0.939688	1.01141	1.01141	0.142503	1.26655	1.26655	0.0627883	1.36863	1.36863	0.502169	1.10748	1.10748	0.167923	1.24643	1.24643	0.19129	0.812705	-1.23046	0.0261048	0.67322	-1.4854	0.611017	0.925995	-1.07992	0.413661	1.13345	1.13345	2.50664	0.891971	0.316305	1
cg04217218	ZDHHC21	0.105095	0.779079	1.15272	1.15272	0.00325727	7.59436	7.59436	0.197089	1.99199	1.99199	0.410729	1.52975	1.52975	0.405641	0.650535	-1.5372	0.709942	0.827948	-1.20781	0.283008	1.75721	1.75721	0.229769	1.89044	1.89044	0.872294	1.08469	1.08469	2.50663	10.1388	3.59538	1
cg04842541	STRADB;TRAK2	0.105099	0.703672	0.940494	-1.06327	0.0761419	1.37273	1.37273	0.78225	1.04548	1.04548	0.131087	0.769738	-1.29914	0.143403	1.28714	1.28714	0.0397519	0.682714	-1.46474	0.71285	0.942384	-1.06114	0.872639	0.974574	-1.02609	0.071285	1.38183	1.38183	2.50659	1.02313	0.362822	1
cg18376256	ZNF157;ZNF157	0.105103	0.466496	1.33102	1.33102	0.106074	0.506059	-1.97606	0.592527	0.811835	-1.23178	0.579953	1.24075	1.24075	0.00691068	0.259478	-3.85389	0.363283	1.4341	1.4341	0.72328	0.871808	-1.14704	0.741428	1.1363	1.1363	0.108942	0.509369	-1.96321	2.50655	5.91113	2.09625	1
cg09264890	TOLLIP;LOC255512	0.105103	0.748091	0.876987	-1.14027	0.18853	1.76394	1.76394	0.225998	1.67853	1.67853	0.248729	0.611921	-1.6342	0.0271468	0.344604	-2.90188	0.36527	0.684578	-1.46075	0.447202	1.37106	1.37106	0.306015	1.53993	1.53993	0.056341	2.41157	2.41157	2.50654	6.58769	2.33617	1
cg25039830	UTP23	0.105116	0.400929	0.753959	-1.32633	0.0191805	0.394216	-2.53668	0.055334	0.489927	-2.04112	0.302573	1.4202	1.4202	0.21122	0.648774	-1.54137	0.103378	0.557027	-1.79525	0.223486	0.656966	-1.52215	0.861267	1.05914	1.05914	0.0529472	0.485539	-2.05957	2.50641	4.28319	1.51902	1
cg20294280	TRIM26	0.105117	0.176337	1.62169	1.62169	0.799075	0.917789	-1.08958	0.0700517	0.506003	-1.97627	0.163036	0.606053	-1.65002	0.0185421	0.382771	-2.61253	0.506082	1.25473	1.25473	0.226059	1.53349	1.53349	0.800897	1.08871	1.08871	0.445346	1.29909	1.29909	2.5064	4.4904	1.59251	1
cg14191360	MET;MET	0.105119	0.414284	0.78781	-1.26934	0.00650963	0.36401	-2.74718	0.0290617	0.479401	-2.08594	0.538504	1.1948	1.1948	0.401042	0.782199	-1.27845	0.64318	0.875184	-1.14262	0.0975779	0.594817	-1.68119	0.315884	0.743526	-1.34494	0.463568	0.807982	-1.23765	2.50638	3.24203	1.14979	1
cg16629664	DENND5B	0.10512	0.841965	1.05897	1.05897	0.0565087	0.538088	-1.85843	0.191887	0.672645	-1.48667	0.990049	1.00359	1.00359	0.0478092	0.52229	-1.91465	0.217865	1.45074	1.45074	0.541872	0.837579	-1.19392	0.0447101	1.93765	1.93765	0.639685	1.14492	1.14492	2.50637	3.27051	1.1599	1
cg08521010	USP13	0.105121	0.0478529	1.29912	1.29912	0.344412	1.11924	1.11924	0.0847819	1.24669	1.24669	0.0313074	1.33939	1.33939	0.638745	0.946774	-1.05622	0.0307878	1.341	1.341	0.777168	0.967712	-1.03337	0.611263	1.06109	1.06109	0.0757872	1.25685	1.25685	2.50636	0.531138	0.18837	1
cg14043049	GMIP	0.105121	0.902251	1.02965	1.02965	0.969778	1.00905	1.00905	0.961082	1.01167	1.01167	0.683719	0.9072	-1.10229	0.0494736	1.70405	1.70405	0.518022	1.16862	1.16862	0.0034799	2.5673	2.5673	0.323376	1.27447	1.27447	0.414545	1.21935	1.21935	2.50636	2.24425	0.79593	1
cg11122280	PPT2;PPT2	0.105122	0.309985	0.514129	-1.94504	0.0244993	0.183258	-5.45678	0.594873	1.40479	1.40479	0.456	0.618299	-1.61734	0.196237	0.420895	-2.37589	0.247953	0.465392	-2.14873	0.00619293	0.104299	-9.58785	0.296153	0.503592	-1.98573	0.408068	0.585162	-1.70893	2.50635	15.9183	5.64549	1
cg00373131	CCDC18;TMED5;TMED5;TMED5	0.105126	0.0128907	0.523904	-1.90875	0.0449308	0.617629	-1.61909	0.113721	0.697453	-1.43379	0.881495	1.03173	1.03173	0.145525	1.38712	1.38712	0.623413	0.901567	-1.10918	0.512894	0.870277	-1.14906	0.63222	1.10623	1.10623	0.929421	0.981622	-1.01872	2.50631	1.74014	0.617159	1
cg13210578	TRAPPC9;TRAPPC9	0.10513	0.0813266	5.98607	5.98607	0.352297	2.42648	2.42648	0.777059	0.768816	-1.3007	0.127149	4.60819	4.60819	0.0578954	7.28328	7.28328	0.420553	2.14275	2.14275	0.0102416	20.034	20.034	0.0783306	6.11765	6.11765	0.0980529	5.36906	5.36906	2.50627	34.0444	12.0744	1
cg25632883	SSH1;SSH1	0.10513	0.82836	0.944252	-1.05904	0.0974798	1.61674	1.61674	0.0451836	1.83509	1.83509	0.826623	1.05967	1.05967	0.991625	1.00278	1.00278	0.424298	0.806077	-1.24058	0.0771984	1.68047	1.68047	0.114485	0.635386	-1.57385	0.0547808	1.77801	1.77801	2.50626	2.77044	0.982583	1
cg11954313	LRRC37B2	0.105131	0.81932	1.03696	1.03696	0.341692	1.16816	1.16816	0.0215602	0.645421	-1.54938	0.127817	1.29847	1.29847	0.303128	0.844327	-1.18438	0.935087	0.98716	-1.01301	0.0353064	1.47533	1.47533	0.573156	0.913642	-1.09452	0.613583	0.922396	-1.08413	2.50626	0.999017	0.354319	1
cg25041172	TCP11L2	0.105131	0.640638	1.5562	1.5562	0.622129	1.59588	1.59588	?	?	?	0.00910902	0.0330986	-30.2128	0.548469	0.564323	-1.77203	0.619565	1.60151	1.60151	0.172569	4.0285	4.0285	0.723055	1.39703	1.39703	?	?	?	2.93799	30.3432	8.85246	1
cg06181784	PRRT3	0.105132	0.847875	0.960144	-1.04151	0.155753	0.724954	-1.3794	0.520601	0.871178	-1.14787	0.348926	0.815286	-1.22656	0.189905	1.34183	1.34183	0.00710898	0.478828	-2.08843	0.188275	0.744347	-1.34346	0.411477	1.19465	1.19465	0.572585	1.12834	1.12834	2.50624	1.78027	0.63141	1
cg22537280	SSBP3;SSBP3;SSBP3	0.105132	0.495584	1.4861	1.4861	0.742917	1.20736	1.20736	0.9379	0.95637	-1.04562	0.240179	0.494566	-2.02198	0.35337	1.72756	1.72756	0.623578	0.753366	-1.32738	0.0431018	0.263844	-3.79012	0.044434	3.74932	3.74932	0.0432561	3.78531	3.78531	2.50624	13.0107	4.6145	1
cg00938540	C20orf166	0.105133	0.125858	0.300131	-3.33188	0.0138557	0.109721	-9.114	0.603317	0.683214	-1.46367	0.85826	0.878184	-1.13871	0.0202662	0.130822	-7.64398	0.356642	0.502115	-1.99157	0.150597	0.326432	-3.06342	0.404843	0.5383	-1.8577	0.0388049	0.175779	-5.68897	2.50623	20.9593	7.43364	1
cg20601684	RAB18	0.105134	0.232543	0.797176	-1.25443	0.0635796	0.685462	-1.45887	0.83448	0.962822	-1.03861	0.364332	1.18387	1.18387	0.877427	0.972441	-1.02834	0.163153	1.30933	1.30933	0.0303987	1.58523	1.58523	0.103415	0.724334	-1.38058	0.556429	1.11372	1.11372	2.50622	1.30133	0.461546	1
cg15195412	CX3CL1	0.105134	0.351771	1.39326	1.39326	0.0186171	2.68395	2.68395	0.880803	0.949394	-1.0533	0.0810416	1.95322	1.95322	0.776507	1.10351	1.10351	0.623366	0.842565	-1.18685	0.042445	0.44542	-2.24507	0.400746	0.742541	-1.34673	0.956684	1.01898	1.01898	2.50622	4.75436	1.68624	1
cg14678829	PGCP;PGCP	0.105136	0.0394791	33.0016	33.0016	0.331895	4.34742	4.34742	0.0557403	24.0967	24.0967	0.131219	10.9377	10.9377	0.242464	0.165994	-6.02431	0.112063	12.6806	12.6806	0.871618	0.788655	-1.26798	0.0321066	39.8623	39.8623	0.339081	4.24844	4.24844	2.50621	85.5429	30.3399	1
cg17177336	C7orf55	0.105136	0.0635215	0.781729	-1.27922	0.390577	0.901374	-1.10942	0.181374	1.18231	1.18231	0.632396	1.05853	1.05853	0.00737943	0.665324	-1.50303	0.722096	0.958726	-1.04305	0.466701	1.09135	1.09135	0.955287	0.993404	-1.00664	0.539442	0.929294	-1.07609	2.5062	0.552946	0.196117	1
cg23849842	DDX12	0.105139	0.32703	0.90841	-1.10083	0.0217666	1.29882	1.29882	0.0243629	1.29011	1.29011	0.912112	1.01054	1.01054	0.515189	1.06465	1.06465	0.103727	1.18402	1.18402	0.778036	1.02719	1.02719	0.252104	1.12028	1.12028	0.0649784	1.21742	1.21742	2.50617	0.35775	0.126887	1
cg00982984	SHF	0.105142	0.127451	0.500401	-1.9984	0.0114677	3.77603	3.77603	0.415354	0.704889	-1.41866	0.708517	1.17087	1.17087	0.688152	1.18469	1.18469	0.403341	0.698221	-1.43221	0.235953	1.68488	1.68488	0.0807832	2.25557	2.25557	0.522923	1.31255	1.31255	2.50614	7.00353	2.48405	1
cg18887096	PLCD4	0.105143	0.332087	0.703702	-1.42106	0.00629341	0.286568	-3.48957	0.491762	0.782531	-1.2779	0.704177	0.874623	-1.14335	0.148885	0.580624	-1.72228	0.0787538	0.503782	-1.98498	0.0743996	0.497535	-2.00991	0.0480954	0.452316	-2.21084	0.578253	0.82101	-1.21801	2.50614	4.89501	1.73619	1
cg01034913	JAKMIP3	0.105146	0.332972	0.84159	-1.18823	0.513792	1.12114	1.12114	0.30274	1.20244	1.20244	0.854116	1.0323	1.0323	0.229438	1.24331	1.24331	0.0580755	1.44761	1.44761	0.0113488	0.578455	-1.72874	0.786822	0.954268	-1.04792	0.607542	1.09358	1.09358	2.5061	1.18365	0.419827	1
cg07569216	ONECUT1	0.105146	0.498183	1.37273	1.37273	0.815334	1.1138	1.1138	0.243785	1.75389	1.75389	0.559153	0.761762	-1.31275	0.372428	1.52481	1.52481	0.00873207	4.66094	4.66094	0.0958468	0.430565	-2.32253	0.20964	1.83888	1.83888	0.4088	0.677592	-1.47581	2.50609	8.42412	2.98796	1
cg07774478	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.105147	0.119203	1.74664	1.74664	0.0283168	2.34863	2.34863	0.125948	1.72651	1.72651	0.242626	1.49675	1.49675	0.304757	0.704322	-1.4198	0.801356	0.920218	-1.0867	0.075678	1.91957	1.91957	0.72576	0.890343	-1.12316	0.176404	0.622501	-1.60642	2.50609	4.31737	1.53133	1
ch.11.2082292	FLJ32810	0.105148	0.0296912	0.241989	-4.13243	0.0693944	0.324278	-3.08378	0.281346	0.537544	-1.86031	0.0205712	0.212981	-4.69526	0.0402865	0.268876	-3.71919	0.192389	0.465362	-2.14887	0.0667832	0.320011	-3.1249	0.742364	0.832866	-1.20067	0.602066	0.747017	-1.33866	2.50608	12.1996	4.32711	1
cg15693490	GGT7	0.105149	0.962029	0.991491	-1.00858	0.0242349	0.617437	-1.6196	0.226654	0.796246	-1.25589	0.873712	1.02896	1.02896	0.204445	0.786347	-1.2717	0.444512	0.869438	-1.15017	0.0957735	1.38873	1.38873	0.289417	0.820884	-1.2182	0.0288144	0.629568	-1.58839	2.50607	1.27869	0.453546	1
cg00720707	ADCY9	0.105151	0.801669	0.949074	-1.05366	0.00333571	2.29252	2.29252	0.891855	0.972146	-1.02865	0.173663	0.740366	-1.35068	0.963937	0.990655	-1.00943	0.876274	0.968161	-1.03289	0.746671	1.06963	1.06963	0.928598	1.01879	1.01879	0.355213	0.820775	-1.21836	2.50605	1.71172	0.607142	1
cg15826398	ITGAE	0.105153	0.234396	1.36398	1.36398	0.357799	0.790181	-1.26553	0.0648766	1.67578	1.67578	0.747206	0.922622	-1.08387	0.0639879	0.595464	-1.67936	0.0774358	0.613362	-1.63036	0.0575243	0.585726	-1.70728	0.394597	0.804822	-1.24251	0.932324	1.02138	1.02138	2.50603	2.46129	0.873019	1
cg19572487	RARA;RARA;RARA	0.105154	0.00897076	0.211866	-4.71997	0.636341	1.24907	1.24907	0.392882	0.664515	-1.50486	0.83516	0.907287	-1.10219	0.0766145	0.398655	-2.50843	0.572708	0.766326	-1.30493	0.0368486	0.322329	-3.10242	0.28629	0.596268	-1.6771	0.0890643	0.416599	-2.40039	2.50601	8.6538	3.06952	1
cg23584734	FRMD4A	0.105156	0.86688	1.03808	1.03808	0.38323	1.22039	1.22039	0.0195058	1.87548	1.87548	0.895222	0.971076	-1.02979	0.626344	0.896466	-1.11549	0.631568	0.897971	-1.11362	0.0222312	1.84131	1.84131	0.126832	1.4446	1.4446	0.0651726	1.58594	1.58594	2.50599	1.96929	0.698517	1
cg14821257	GABPB1;GABPB1;FLJ10038;GABPB1;GABPB1;GABPB1	0.10516	0.0306555	0.160945	-6.2133	0.0233135	0.142271	-7.02883	0.376662	0.520681	-1.92056	0.190043	0.368461	-2.71399	0.102889	0.277036	-3.60964	0.170793	0.350219	-2.85536	0.0169321	0.123012	-8.12927	0.272719	0.439897	-2.27326	0.158002	0.337616	-2.96194	2.50596	20.5386	7.28525	1
cg00889363	PARD3B;PARD3B;PARD3B	0.105162	0.873008	1.05701	1.05701	0.188572	0.617037	-1.62065	0.00775948	0.305743	-3.27072	0.872807	0.945984	-1.0571	0.0610283	0.481073	-2.07869	0.620992	1.18856	1.18856	0.224706	0.642748	-1.55582	0.24083	1.53049	1.53049	0.627559	0.844128	-1.18465	2.50594	4.76757	1.69112	1
cg14051973	MRPL23	0.105165	0.226232	0.7172	-1.39431	0.325155	0.766608	-1.30445	0.410031	0.802203	-1.24657	0.312412	0.760826	-1.31436	0.774549	0.927628	-1.07802	0.0126861	0.444699	-2.24871	0.797579	1.06955	1.06955	0.439369	1.22913	1.22913	0.0135329	0.449564	-2.22438	2.5059	2.71586	0.963362	1
cg01145232	RAET1G	0.105165	0.189688	1.90922	1.90922	0.222438	0.55052	-1.81647	0.758714	1.15423	1.15423	0.859679	0.920925	-1.08586	0.0255375	0.290747	-3.43942	0.947017	1.03142	1.03142	0.0783675	0.402406	-2.48505	0.0844807	2.43126	2.43126	0.227904	0.554767	-1.80256	2.5059	8.6011	3.05096	1
cg23986727	ZNF224	0.105165	0.824133	0.910855	-1.09787	0.0544405	2.49791	2.49791	0.193169	1.7819	1.7819	0.982238	0.990704	-1.00938	0.472877	0.736185	-1.35835	0.0119163	0.268072	-3.73034	0.278753	0.623479	-1.6039	0.483683	1.34797	1.34797	0.643431	1.21598	1.21598	2.5059	6.98442	2.4775	1
cg01575096	SCLY	0.105166	0.388769	0.879344	-1.13721	0.291504	1.17273	1.17273	0.50166	1.10436	1.10436	0.394941	0.880881	-1.13523	0.212257	1.21078	1.21078	0.0263621	0.681554	-1.46724	0.289467	0.852095	-1.17358	0.130892	1.26801	1.26801	0.0936781	1.30782	1.30782	2.50589	0.841024	0.298327	1
cg01505556	TRIM26	0.105167	0.189638	1.70776	1.70776	0.0214257	2.8999	2.8999	0.887748	0.947048	-1.05591	0.248614	1.59132	1.59132	0.519379	0.777556	-1.28608	0.246195	0.626777	-1.59546	0.886069	0.946271	-1.05678	0.0384209	2.51933	2.51933	0.0917081	2.04476	2.04476	2.50588	5.88908	2.08898	1
cg01378995	STUB1	0.105168	0.697705	0.899393	-1.11186	0.541595	0.845472	-1.18277	0.0324634	1.97409	1.97409	0.705863	0.902124	-1.10849	0.0417801	1.89169	1.89169	0.854312	0.951293	-1.0512	0.0670964	1.74632	1.74632	0.0408047	1.89924	1.89924	0.930332	0.976526	-1.02404	2.50587	2.92883	1.03892	1
cg27504782	SGCE;SGCE;PEG10;SGCE;PEG10	0.10517	0.884068	1.05851	1.05851	0.0545917	0.427492	-2.33922	0.407192	1.39158	1.39158	0.476951	0.754395	-1.32557	0.236102	0.616397	-1.62233	0.0616359	0.440245	-2.27146	0.0325507	0.377165	-2.65136	0.026085	0.357366	-2.79825	0.297277	0.656302	-1.52369	2.50585	6.02819	2.13835	1
cg03711840	PLXNA1	0.105174	0.435497	0.736137	-1.35844	0.684438	1.17038	1.17038	0.931411	0.967398	-1.0337	0.506769	0.771557	-1.29608	0.00767517	0.267339	-3.74057	0.464837	1.33165	1.33165	0.020564	0.341584	-2.92753	0.971938	1.01364	1.01364	0.364995	0.698796	-1.43103	2.5058	5.88351	2.08707	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08901089	ZNF282	0.105175	0.118455	0.525102	-1.90439	0.0390961	0.403536	-2.4781	0.166886	0.571171	-1.75079	0.726089	1.14302	1.14302	0.163221	0.568024	-1.76049	0.0307687	0.381298	-2.62262	0.0372031	0.398831	-2.50733	0.914418	1.0417	1.0417	0.0793828	0.477077	-2.0961	2.5058	5.73205	2.03334	1
cg23207527	RBM24;RBM24;RBM24	0.105175	0.237306	0.421658	-2.37159	0.103216	0.28845	-3.4668	0.12261	0.311317	-3.21216	0.805272	0.841734	-1.18802	0.0261452	0.158718	-6.30048	0.231126	0.416382	-2.40164	0.848648	0.875231	-1.14256	0.0122067	0.113253	-8.82978	0.0606759	0.228743	-4.37171	2.50579	19.3089	6.84951	1
cg13688966	TM4SF4	0.105176	0.0457569	0.161514	-6.19142	0.0360132	0.14347	-6.9701	0.14676	0.289432	-3.45505	0.37564	0.484879	-2.06237	0.0316049	0.134474	-7.43636	0.0609511	0.186116	-5.37298	0.0422351	0.155243	-6.4415	0.177521	0.319546	-3.12944	0.115078	0.255632	-3.91188	2.50579	25.1519	8.92225	1
cg22708233	ARFGAP2	0.105179	0.0188095	1.64503	1.64503	0.0499635	1.4784	1.4784	0.254926	1.23106	1.23106	0.400317	1.16249	1.16249	0.568118	1.10617	1.10617	0.084354	1.39642	1.39642	0.0194557	1.63889	1.63889	0.160732	1.29956	1.29956	0.0896199	1.38718	1.38718	2.50576	1.21379	0.430578	1
cg01948190	CD164;CD164;CD164;CD164;CD164	0.105179	0.0703813	0.669858	-1.49285	0.68626	1.08378	1.08378	0.0949129	1.43849	1.43849	0.846987	1.03902	1.03902	0.19307	1.31375	1.31375	0.680126	0.921148	-1.0856	0.556701	0.8889	-1.12499	0.2227	0.775797	-1.289	0.0215081	1.72823	1.72823	2.50575	1.55769	0.552574	1
cg19361800	KLF7	0.105182	0.120519	2.68158	2.68158	0.0117798	6.31315	6.31315	0.0262604	4.68379	4.68379	0.174625	2.32981	2.32981	0.434824	1.59481	1.59481	0.130964	2.59934	2.59934	0.137429	2.55261	2.55261	0.0565815	3.5404	3.5404	0.665917	1.28975	1.28975	2.50573	13.6169	4.83048	1
cg26574794	CTSK	0.105182	0.655067	1.08165	1.08165	0.181915	0.780885	-1.2806	0.525727	1.11878	1.11878	0.78498	0.953384	-1.0489	0.188272	1.27552	1.27552	0.885904	1.02538	1.02538	0.00568957	1.8834	1.8834	0.181568	1.28088	1.28088	0.149336	1.30981	1.30981	2.50572	1.20918	0.428947	1
cg25622628	C19orf24	0.105183	0.00709772	0.218623	-4.57409	0.65329	1.21853	1.21853	0.181475	1.85901	1.85901	0.211519	0.562514	-1.77773	0.229234	0.576084	-1.73586	0.984385	1.00859	1.00859	0.114796	0.472546	-2.11619	0.329936	0.644384	-1.55187	0.901313	1.05572	1.05572	2.50572	7.58243	2.68982	1
cg05447916	C6orf27	0.105185	0.0967324	0.413206	-2.4201	0.288571	1.7058	1.7058	0.666667	1.23374	1.23374	0.764557	1.15673	1.15673	0.115638	0.43647	-2.29111	0.410181	0.664809	-1.50419	0.00938421	0.202587	-4.93615	0.477817	1.41882	1.41882	0.246553	0.555785	-1.79926	2.50569	9.32452	3.30785	1
cg08876899	ZMYM1	0.105186	0.445193	1.60334	1.60334	0.105919	2.95314	2.95314	0.0443172	0.239793	-4.17026	0.928395	0.947088	-1.05587	0.268688	2.01601	2.01601	0.0962688	0.326019	-3.06731	0.812503	0.866099	-1.1546	0.0375339	0.224416	-4.45602	0.538589	0.685718	-1.45833	2.6617	15.0958	4.41118	1
cg14498074	SLC25A30	0.105186	0.0188225	0.447198	-2.23614	0.74078	0.910388	-1.09843	0.413543	0.789471	-1.26667	0.452156	0.805246	-1.24186	0.284528	0.73024	-1.36941	0.0862328	0.585063	-1.70922	0.00803697	0.382778	-2.61248	0.838113	1.05956	1.05956	0.26179	0.718265	-1.39224	2.50568	3.17361	1.12584	1
cg24927174	SHC1;SHC1;SHC1;SHC1	0.105188	0.950632	0.978064	-1.02243	0.0510833	0.451175	-2.21644	0.0508883	2.21832	2.21832	0.24078	1.5526	1.5526	0.367588	0.717809	-1.39313	0.150308	0.575591	-1.73735	0.332499	0.698981	-1.43065	0.0579146	0.463952	-2.15539	0.837439	0.929048	-1.07637	2.50566	5.09263	1.80662	1
cg05295810	CASP6;CASP6	0.105189	0.105236	1.31464	1.31464	0.939145	1.01187	1.01187	0.139243	1.27882	1.27882	0.153194	0.789474	-1.26667	0.0880895	0.747605	-1.33761	0.219857	0.819238	-1.22065	0.388825	0.872415	-1.14624	0.140623	1.27757	1.27757	0.133582	1.28411	1.28411	2.50566	0.947847	0.336252	1
cg03772567	USP24	0.105194	0.277946	0.705649	-1.41713	0.0106181	2.69899	2.69899	0.20494	1.5118	1.5118	0.680292	0.87982	-1.1366	0.209702	1.5046	1.5046	0.798714	1.08217	1.08217	0.336682	0.736313	-1.35812	0.0708866	1.86562	1.86562	0.308417	1.38509	1.38509	2.5056	3.78928	1.34429	1
cg05714579	MGMT	0.105195	0.0947406	0.623287	-1.6044	0.33195	0.772848	-1.29392	0.354597	1.27783	1.27783	0.0345411	0.530175	-1.88617	0.0139399	0.457551	-2.18555	0.248315	0.732949	-1.36435	0.468588	0.827094	-1.20905	0.668608	1.11723	1.11723	0.152812	0.674236	-1.48316	2.50559	2.62985	0.932971	1
cg10709771	ARX	0.105197	0.870476	0.919135	-1.08798	0.828788	0.894125	-1.11841	0.0422174	0.298432	-3.35085	0.613768	0.768761	-1.30079	0.110889	0.407576	-2.45353	0.0768482	0.361776	-2.76414	0.00612104	0.157458	-6.35091	0.690543	0.813197	-1.22971	0.215711	0.510027	-1.96068	2.50557	10.5957	3.75897	1
cg08607625	NOS3;NOS3;NOS3;NOS3	0.105197	0.361796	1.33754	1.33754	0.146035	0.616196	-1.62286	0.446318	0.785965	-1.27232	0.948427	0.980131	-1.02027	0.902148	1.0389	1.0389	0.149223	1.61583	1.61583	0.00564289	3.08633	3.08633	0.95226	1.01875	1.01875	0.656182	0.870211	-1.14915	2.50557	3.81986	1.35516	1
cg17370718	DPP6;DPP6;DPP6	0.105199	0.287016	1.30566	1.30566	0.0202587	1.96463	1.96463	0.747712	1.08097	1.08097	0.462946	0.835065	-1.19751	0.884752	0.965615	-1.03561	0.0764741	0.621626	-1.60868	0.0365066	1.7974	1.7974	0.721387	0.917242	-1.09023	0.601028	1.13574	1.13574	2.50554	2.30948	0.819333	1
cg17503456	FOXL2;C3orf72	0.105201	0.577971	0.888831	-1.12507	0.621737	0.90097	-1.10991	0.830528	1.04597	1.04597	0.593462	0.893165	-1.11961	0.0742207	0.65893	-1.51761	0.389575	0.831205	-1.20307	0.0607068	1.55797	1.55797	0.0295751	1.71112	1.71112	0.132872	1.40495	1.40495	2.50553	1.74474	0.618982	1
cg24951137	C20orf26;CRNKL1;C20orf26	0.105201	0.637624	1.39203	1.39203	0.506586	0.625135	-1.59965	0.503079	0.62264	-1.60606	0.180906	0.371441	-2.69222	0.0123393	0.113937	-8.77681	0.0926406	0.275247	-3.6331	0.0492537	0.209152	-4.78122	0.915427	1.07687	1.07687	0.0440413	0.199266	-5.01842	2.50552	19.2864	6.84227	1
cg16474170	PTPRM;PTPRM	0.105202	0.91887	1.03088	1.03088	0.584304	1.1793	1.1793	0.39452	1.29734	1.29734	0.280593	0.715494	-1.39764	0.419149	0.781603	-1.27942	0.115455	0.600002	-1.66666	0.364409	1.32076	1.32076	0.0174815	2.37133	2.37133	0.055403	1.91199	1.91199	2.50551	3.53572	1.25438	1
cg16836028	MYH9	0.105207	0.0095713	0.567203	-1.76304	0.443682	0.873737	-1.14451	0.309016	0.833631	-1.19957	0.500061	1.1256	1.1256	0.14576	0.763429	-1.30988	0.234769	1.24017	1.24017	0.157077	1.29894	1.29894	0.930344	0.985003	-1.01523	0.378055	0.855289	-1.1692	2.50547	1.18534	0.420534	1
cg26904169	STEAP2;STEAP2	0.105209	0.566501	0.801426	-1.24778	0.0528132	0.43132	-2.31847	0.197383	0.594168	-1.68302	0.394901	1.395	1.395	0.0141985	0.314797	-3.17665	0.216421	1.6437	1.6437	0.420554	1.36941	1.36941	0.54908	0.793257	-1.26063	0.557345	1.25448	1.25448	2.50544	5.79167	2.05478	1
cg00642615	PAQR5	0.10521	0.718225	0.907063	-1.10246	0.0625332	1.75814	1.75814	0.698645	1.11041	1.11041	0.0800478	1.68675	1.68675	0.294794	0.746402	-1.33976	0.827884	1.06037	1.06037	0.0332658	1.95393	1.95393	0.150538	1.51407	1.51407	0.0350774	1.93664	1.93664	2.50543	2.87543	1.02016	1
cg18108329	AKR1B15	0.105214	0.369919	0.580413	-1.72291	0.301626	0.531376	-1.88191	0.0626367	0.290022	-3.44802	0.685047	0.785912	-1.27241	0.00670713	0.125258	-7.98355	0.0704694	0.302869	-3.30175	0.0596083	0.284789	-3.51137	0.901078	0.929164	-1.07624	0.193434	0.443506	-2.25476	2.5054	13.8508	4.91413	1
cg27244972	C21orf57	0.105216	0.714964	0.746697	-1.33923	0.999624	0.999625	-1.00038	0.0243894	0.1181	-8.46737	0.307557	0.431209	-2.31906	0.11326	0.253454	-3.94549	0.200629	0.340784	-2.93441	0.00975925	0.0740763	-13.4996	0.503541	1.71707	1.71707	0.27578	0.405396	-2.46673	2.50537	25.1659	8.92869	1
cg08703950	MEX3B;MEX3B	0.105218	0.669763	0.959818	-1.04186	0.940284	0.992863	-1.00719	0.220807	0.884221	-1.13094	0.519378	1.06443	1.06443	0.0195268	1.30973	1.30973	0.332798	0.908912	-1.10022	0.599263	0.950575	-1.05199	0.137401	0.858174	-1.16526	0.0495516	1.23887	1.23887	2.50535	0.362612	0.128653	1
cg24617091	NOL7	0.105218	0.236769	1.74232	1.74232	0.0674703	0.399452	-2.50343	0.884912	0.937188	-1.06702	0.329072	1.57014	1.57014	0.0133842	0.253583	-3.94348	0.36387	1.51884	1.51884	0.260827	1.69093	1.69093	0.971662	0.984215	-1.01604	0.367663	0.660686	-1.51358	2.50535	7.96031	2.82429	1
cg23663774	PITX2;PITX2	0.105218	0.508514	1.26102	1.26102	0.280941	0.678752	-1.47329	0.608757	0.836519	-1.19543	0.433631	0.758609	-1.3182	0.403616	1.34382	1.34382	0.823702	0.925748	-1.08021	0.464601	0.773094	-1.2935	0.00375526	3.86784	3.86784	0.714312	1.13556	1.13556	2.50535	4.74401	1.68316	1
cg18623708	FAM13B;FAM13B;FAM13B	0.105221	0.318492	0.846248	-1.18169	0.880013	0.975838	-1.02476	0.369455	1.16096	1.16096	0.634119	1.08073	1.08073	0.406219	1.1475	1.1475	0.0395111	0.680059	-1.47046	0.0204485	0.636166	-1.57192	0.163097	0.785801	-1.27259	0.236318	1.22253	1.22253	2.50532	1.04028	0.369092	1
cg19048791	CIT	0.105223	0.124476	0.648011	-1.54318	0.775966	1.07726	1.07726	0.724361	1.09675	1.09675	0.590563	1.15219	1.15219	0.0210281	0.484813	-2.06265	0.488194	0.832198	-1.20164	0.0223052	0.489535	-2.04275	0.286895	0.749433	-1.33434	0.0650425	0.582549	-1.71659	2.5053	2.69944	0.95777	1
cg17959486	LOC441204	0.105223	0.347821	0.812716	-1.23044	0.0967603	1.47863	1.47863	0.199349	1.33765	1.33765	0.440274	1.18394	1.18394	0.0189767	0.543677	-1.83933	0.624307	0.899519	-1.11171	0.374468	0.822365	-1.216	0.584237	0.888207	-1.12586	0.0836962	0.663209	-1.50782	2.5053	1.82619	0.647937	1
cg13731800	PCCA;PCCA	0.105223	0.303969	2.22102	2.22102	0.0102163	11.3257	11.3257	0.220688	2.62486	2.62486	0.870482	1.1301	1.1301	0.0401409	0.16907	-5.91472	0.988599	1.01077	1.01077	0.529822	1.61131	1.61131	0.9976	0.997748	-1.00226	0.543362	0.630614	-1.58576	2.5053	22.2901	7.90863	1
cg00245885	H2AFY;H2AFY;H2AFY;H2AFY	0.105224	0.929199	1.0221	1.0221	0.0119261	2.16384	2.16384	0.076245	0.61554	-1.62459	0.555442	1.15802	1.15802	0.728891	1.08937	1.08937	0.538025	1.16578	1.16578	0.0344847	1.83424	1.83424	0.976492	1.00728	1.00728	0.90534	1.0297	1.0297	2.50529	2.40124	0.851974	1
cg05870645	CCNF	0.105227	0.792989	0.883129	-1.13234	0.0149268	0.243047	-4.11443	0.0321768	0.305543	-3.27287	0.122451	0.453412	-2.2055	0.424282	0.680035	-1.47051	0.0270382	0.290247	-3.44534	0.118531	0.448987	-2.22724	0.632945	0.796627	-1.25529	0.860792	0.9204	-1.08648	2.50525	8.86009	3.14365	1
cg13451222	SIPA1	0.105228	0.258665	1.21923	1.21923	0.750052	0.947664	-1.05523	0.365455	0.855222	-1.16929	0.301894	1.19708	1.19708	0.770241	0.951938	-1.05049	0.0322824	0.655961	-1.52448	0.0155654	1.64698	1.64698	0.597349	0.914247	-1.0938	0.738093	0.945122	-1.05807	2.50525	1.12236	0.398227	1
cg06968354	ZNF423;ZNF423	0.105229	0.0524401	0.627014	-1.59486	0.0093946	0.498096	-2.00765	0.545445	0.878529	-1.13827	0.101313	0.684053	-1.46188	0.0473693	0.61869	-1.61632	0.141424	0.715562	-1.3975	0.30963	0.800494	-1.24923	0.785003	1.05958	1.05958	0.263602	0.781415	-1.27973	2.50523	1.77735	0.630626	1
cg10705406	GABRA5;GABRA5	0.10523	0.506279	1.3404	1.3404	0.321952	1.55973	1.55973	0.642705	1.22503	1.22503	0.591486	1.26537	1.26537	0.055446	0.389418	-2.56794	0.127926	2.04421	2.04421	0.0107369	4.02583	4.02583	0.286726	1.61705	1.61705	0.256666	1.67254	1.67254	2.50523	7.48851	2.65703	1
cg05059605	BARX2	0.105232	0.176354	1.34913	1.34913	0.363133	1.21497	1.21497	0.254614	1.28122	1.28122	0.785979	1.05834	1.05834	0.176185	0.741122	-1.34931	0.39637	0.834485	-1.19834	0.788467	0.945516	-1.05762	0.00609908	2.10815	2.10815	0.780212	0.943387	-1.06001	2.50521	1.72208	0.61102	1
cg12484113	AHDC1	0.105233	0.161578	0.633882	-1.57758	0.138836	1.62565	1.62565	0.0699449	1.85521	1.85521	0.781905	1.08832	1.08832	0.576147	0.841774	-1.18797	0.578612	0.842729	-1.18662	0.0278196	0.452518	-2.20986	0.0984016	0.57535	-1.73807	0.789519	0.921646	-1.08502	2.50519	3.69041	1.30943	1
cg21047695	NKAIN3	0.105239	0.298225	1.71299	1.71299	0.0439635	3.17568	3.17568	0.172728	2.06333	2.06333	0.671556	1.23725	1.23725	0.112839	2.36666	2.36666	0.235549	1.85988	1.85988	0.0055745	6.15493	6.15493	0.0834668	2.60219	2.60219	0.41623	1.514	1.514	2.50513	9.88544	3.50763	1
cg12450012	CTTN;CTTN	0.105241	0.841603	0.940984	-1.06272	0.0240783	2.26577	2.26577	0.164905	1.56892	1.56892	0.276097	0.708633	-1.41117	0.26882	0.704606	-1.41923	0.341618	0.742381	-1.34702	0.0539356	1.94482	1.94482	0.151718	1.59506	1.59506	0.668263	1.14003	1.14003	2.50511	3.6668	1.30109	1
cg05457881	C6orf218	0.105243	0.118599	0.711501	-1.40548	0.516236	1.14138	1.14138	0.459249	1.16346	1.16346	0.96437	1.00901	1.00901	0.764121	1.06233	1.06233	0.938522	1.01562	1.01562	0.00469384	0.470017	-2.12758	0.502242	0.872133	-1.14661	0.311859	1.23392	1.23392	2.50509	1.60146	0.568252	1
cg09401340	CDK3	0.105243	0.385097	0.87664	-1.14072	0.915603	0.984449	-1.0158	0.0174909	0.65205	-1.53363	0.64012	1.0721	1.0721	0.549842	0.914426	-1.09358	0.0804227	1.33205	1.33205	0.0382084	0.701059	-1.42641	0.846238	0.971703	-1.02912	0.211319	0.823079	-1.21495	2.50509	0.867319	0.307754	1
cg18756580	STAU1;STAU1;STAU1;STAU1;STAU1	0.105244	0.113614	0.520011	-1.92304	0.459678	1.33103	1.33103	0.317909	0.675615	-1.48013	0.0535166	0.434769	-2.30007	0.0489253	0.425668	-2.34925	0.393486	0.717475	-1.39378	0.0184402	0.337607	-2.96202	0.356016	0.697248	-1.43421	0.0596665	0.446075	-2.24178	2.50508	5.72429	2.03117	1
cg26224671	TNFSF11;TNFSF11	0.10525	0.00677099	0.0112902	-88.5726	0.529769	0.443429	-2.25515	0.955571	0.931298	-1.07377	?	?	?	0.71853	0.629777	-1.58786	?	?	?	0.732186	1.55092	1.55092	0.142274	7.5026	7.5026	0.544143	0.456437	-2.19088	2.5646	51.5592	22.9762	1
cg16271424	FRAT1;FRAT1	0.105251	0.0270344	0.142772	-7.00416	0.243497	2.47783	2.47783	0.103445	3.75926	3.75926	0.0992184	3.83363	3.83363	0.121104	0.286561	-3.48966	0.852879	0.871069	-1.14801	0.600992	0.675467	-1.48046	0.28624	0.438913	-2.27835	0.832144	0.854005	-1.17095	2.50501	21.9342	7.78324	1
cg15615793	CRHR2	0.105251	0.0782135	0.419126	-2.38592	0.0152387	0.265946	-3.76016	0.0603161	0.390023	-2.56395	0.805945	1.1156	1.1156	0.191464	0.540841	-1.84897	0.0690212	0.404841	-2.4701	0.0510158	0.372401	-2.68528	0.558673	0.768864	-1.30062	0.947645	0.971237	-1.02962	2.505	7.83634	2.78069	1
cg25365746	HIC1	0.105253	0.821922	0.961437	-1.04011	0.0308875	1.55605	1.55605	0.0587435	1.45127	1.45127	0.393113	0.858466	-1.16487	0.332309	1.19062	1.19062	0.964021	0.992162	-1.0079	0.418821	0.865793	-1.15501	0.0189737	1.6414	1.6414	0.821551	1.0402	1.0402	2.50499	1.20733	0.428417	1
cg25103979	RCOR1	0.105254	0.0363181	0.525506	-1.90293	0.669142	1.12035	1.12035	0.549066	0.851908	-1.17384	0.634045	0.880923	-1.13517	0.00444812	0.366694	-2.72707	0.134487	0.652709	-1.53208	0.448283	0.815216	-1.22667	0.363784	0.781346	-1.27984	0.615136	0.874576	-1.14341	2.50498	2.77281	0.983929	1
cg00513220	MOSC2	0.105257	0.637859	0.925275	-1.08076	0.9782	1.00449	1.00449	0.141607	1.29551	1.29551	0.541505	1.10655	1.10655	0.976424	1.00485	1.00485	0.014728	1.63517	1.63517	0.0443346	0.684983	-1.45989	0.203111	1.24618	1.24618	0.54568	0.904679	-1.10536	2.50495	1.06459	0.377772	1
cg13857086	VAMP1;VAMP1;VAMP1	0.105257	0.467511	0.734377	-1.3617	0.39502	0.695035	-1.43878	0.227925	0.589468	-1.69644	0.0740506	2.29648	2.29648	0.161164	0.53528	-1.86818	0.0729334	2.3056	2.3056	0.0723478	0.432817	-2.31045	0.138134	0.513385	-1.94785	0.733666	1.1533	1.1533	2.50494	6.919	2.45523	1
cg09938490	SERINC4	0.105258	0.125584	0.680467	-1.46958	0.114672	0.671368	-1.4895	0.0187325	0.516024	-1.9379	0.160188	1.4169	1.4169	0.341623	0.796469	-1.25554	0.890476	1.03252	1.03252	0.246029	1.32546	1.32546	0.680512	1.10093	1.10093	0.361554	1.24336	1.24336	2.50493	2.13976	0.759306	1
cg09400316	PHACTR1	0.105261	0.33756	0.848562	-1.17846	0.0285882	0.651154	-1.53573	0.264673	0.824406	-1.213	0.126343	0.759808	-1.31612	0.247428	0.818027	-1.22245	0.805353	0.959821	-1.04186	0.046598	0.684887	-1.46009	0.0265433	0.646152	-1.54762	0.027446	0.648403	-1.54225	2.50491	1.09446	0.38838	1
cg18133074	BRSK2	0.105264	0.728348	1.14647	1.14647	0.00491195	4.30986	4.30986	0.040395	2.52966	2.52966	0.380409	1.42291	1.42291	0.961946	1.01888	1.01888	0.248356	1.60487	1.60487	0.107803	1.98954	1.98954	0.7956	0.903243	-1.10712	0.659947	1.18954	1.18954	2.50487	6.09623	2.16334	1
cg15769921	TOP2A	0.105265	0.777635	0.958041	-1.0438	0.141105	1.27079	1.27079	0.498631	1.1096	1.1096	0.505608	0.90279	-1.10768	0.157214	0.79531	-1.25737	0.47012	0.894716	-1.11767	0.15306	0.793214	-1.26069	0.75522	1.04849	1.04849	0.0105715	1.62725	1.62725	2.50486	0.909355	0.322698	1
cg22733580	TRIM10;TRIM10	0.105266	0.625878	0.793375	-1.26044	0.981787	1.01081	1.01081	0.25831	0.573706	-1.74305	0.0148623	0.243798	-4.10176	0.120818	0.452695	-2.20899	0.570552	1.31003	1.31003	0.0122086	0.2297	-4.35351	0.230689	0.553036	-1.8082	0.555639	0.755177	-1.32419	2.50485	8.80377	3.12417	1
cg08133350	MED25	0.105268	?	?	?	0.473439	0.713838	-1.40088	0.0201149	0.26389	-3.78946	0.189806	1.90809	1.90809	0.672894	1.21651	1.21651	0.209812	0.540949	-1.8486	0.125989	0.461693	-2.16594	0.28204	0.595375	-1.67961	0.0518101	0.352941	-2.83333	2.68617	7.87224	2.56433	1
cg20313628	RAD51AP2	0.105268	0.253713	0.577944	-1.73027	0.233461	1.77645	1.77645	0.59788	0.782832	-1.27741	0.407355	0.677152	-1.47677	0.111884	0.450971	-2.21744	0.323043	1.59923	1.59923	0.00976481	0.222442	-4.49556	0.273312	1.68945	1.68945	0.965325	1.0202	1.0202	2.50483	8.39369	2.97867	1
cg11475922	ZNF20;ZNF20	0.105269	0.626055	0.917851	-1.0895	0.0134182	0.586003	-1.70648	0.0661049	0.697781	-1.43312	0.344424	0.84367	-1.1853	0.566327	1.10648	1.10648	0.0154576	0.595351	-1.67968	0.723586	0.939897	-1.06395	0.439429	0.871408	-1.14757	0.979845	1.00442	1.00442	2.50482	1.20875	0.42895	1
cg04350542	TMEM93;TMEM93;TMEM93;TMEM93;TAX1BP3	0.105269	0.164655	0.687953	-1.45359	0.620036	0.881528	-1.13439	0.363797	0.790203	-1.2655	0.717343	0.912357	-1.09606	0.0351454	0.538389	-1.85739	0.360252	0.788748	-1.26783	0.016935	0.479551	-2.08528	0.123586	1.5232	1.5232	0.537027	1.17083	1.17083	2.50482	2.52526	0.896141	1
cg21988041	GLT8D2	0.105269	0.278365	2.31401	2.31401	0.976509	0.978322	-1.02216	0.674115	0.729934	-1.36999	0.410065	1.87209	1.87209	0.19275	0.358418	-2.79003	0.265753	0.421812	-2.37072	0.14929	0.316331	-3.16125	0.0119732	10.3148	10.3148	0.225135	2.58123	2.58123	2.50482	21.9786	7.79957	1
cg01298912	RAD52	0.105271	0.245315	0.716611	-1.39546	0.953891	1.01598	1.01598	0.433285	0.803113	-1.24515	0.427996	0.800999	-1.24844	0.0223612	0.472132	-2.11805	0.869939	1.04596	1.04596	0.0165818	2.23088	2.23088	0.76644	1.08511	1.08511	0.456656	0.812312	-1.23105	2.5048	2.98281	1.05852	1
cg18628255	AEBP1	0.105272	0.0483725	3.14819	3.14819	0.0374024	3.41461	3.41461	0.0635924	2.88756	2.88756	0.165656	2.12067	2.12067	0.505349	0.709183	-1.41007	0.719597	1.20116	1.20116	0.0987019	2.5107	2.5107	0.0413997	3.30678	3.30678	0.131922	2.28592	2.28592	2.50479	10.2549	3.63923	1
cg04220482	GGH	0.105273	0.0580542	0.315738	-3.16719	0.211134	2.0319	2.0319	0.280497	0.5468	-1.82882	0.426915	0.646273	-1.54733	0.0804862	0.352296	-2.83852	0.772643	0.855651	-1.1687	0.0441189	0.288064	-3.47146	0.0415238	0.282285	-3.54252	0.0911426	0.36739	-2.7219	2.50478	11.488	4.07682	1
ch.1.1047298R	PTP4A2;PTP4A2	0.105276	0.0197943	0.320365	-3.12144	0.0789358	0.454217	-2.20159	0.0483389	0.401467	-2.49087	0.0360967	0.373054	-2.68058	0.0469676	0.398575	-2.50894	0.559238	0.787502	-1.26984	0.495637	0.755879	-1.32296	0.599859	0.807239	-1.23879	0.894117	1.05535	1.05535	2.50475	6.49162	2.30376	1
cg02543101	PSMD7	0.105277	0.0355209	0.292516	-3.41862	0.119066	0.42757	-2.3388	0.819262	1.12182	1.12182	0.919033	0.950214	-1.05239	0.030714	0.279502	-3.57779	0.265568	0.558393	-1.79085	0.0146199	0.220896	-4.52701	0.667288	0.804767	-1.2426	0.204216	0.510208	-1.95998	2.50474	10.0065	3.55114	1
cg02081120	TXNDC6	0.10528	0.883715	0.967875	-1.03319	0.457692	1.1838	1.1838	0.614492	0.892876	-1.11998	0.113876	0.6813	-1.46778	0.316005	1.26023	1.26023	0.0560656	0.61706	-1.62059	0.0335929	0.574761	-1.73985	0.117902	1.46056	1.46056	0.375209	1.22514	1.22514	2.50471	1.97455	0.700744	1
cg24003273	RPS15AP10;GPBP1L1	0.10528	0.446969	0.815877	-1.22567	0.0238663	0.492734	-2.02949	0.620988	1.1398	1.1398	0.0859631	1.64567	1.64567	0.455271	1.22098	1.22098	0.699527	1.10718	1.10718	0.0394032	1.86938	1.86938	0.32949	0.767819	-1.30239	0.763233	1.08255	1.08255	2.5047	2.73408	0.97029	1
cg19129336	CCDC132;CCDC132	0.105283	0.0540142	0.444254	-2.25096	0.413156	1.36393	1.36393	0.237738	1.5822	1.5822	0.0555104	0.44706	-2.23683	0.270016	0.653061	-1.53125	?	?	?	0.0311604	0.39132	-2.55545	0.719077	0.874594	-1.14339	0.53488	0.792039	-1.26256	2.53131	4.90422	1.93742	1
cg01754713	TRIM72	0.105284	0.0398943	8.73087	8.73087	0.0890909	5.53184	5.53184	0.214063	3.2982	3.2982	0.149972	4.0875	4.0875	0.284566	2.75681	2.75681	0.185286	3.60197	3.60197	0.016677	14.3844	14.3844	0.372266	2.30633	2.30633	0.0197316	13.0503	13.0503	2.50467	33.0122	11.7158	1
cg27121132	DERL1;DERL1	0.105284	0.28745	0.799129	-1.25136	0.128297	1.39621	1.39621	0.0714176	1.50495	1.50495	0.122583	1.4045	1.4045	0.764193	0.940749	-1.06298	0.0655811	0.657347	-1.52127	0.0884948	0.682814	-1.46453	0.525625	0.877591	-1.13948	0.923699	0.980739	-1.01964	2.50466	1.63505	0.58027	1
cg27641051	HSPA9	0.105286	0.843223	0.967486	-1.03361	0.100197	0.740331	-1.35075	0.0291478	1.53594	1.53594	0.475343	0.885881	-1.12882	0.793627	0.957179	-1.04474	0.892262	1.02288	1.02288	0.0315246	0.656406	-1.52345	0.16147	1.28352	1.28352	0.865371	1.02873	1.02873	2.50464	1.10538	0.392296	1
cg13781408	AATK	0.105287	0.0856589	3.46898	3.46898	0.310732	1.98724	1.98724	0.898753	0.92003	-1.08692	0.278072	2.09283	2.09283	0.137607	2.84897	2.84897	0.077576	3.61279	3.61279	0.0109859	8.07937	8.07937	0.0387101	4.79478	4.79478	0.116154	3.0587	3.0587	2.50464	17.0065	6.03554	1
cg10388456	RSPH10B;RSPH10B2	0.105287	0.170064	0.647805	-1.54367	0.0675629	1.8376	1.8376	0.530176	1.20796	1.20796	0.251989	1.42696	1.42696	0.112094	0.598086	-1.672	0.0654052	0.54093	-1.84867	0.267161	0.709313	-1.40981	0.126346	0.611798	-1.63453	0.593182	1.17376	1.17376	2.50464	3.50161	1.24271	1
cg26152530	POLS	0.105287	0.718145	1.05246	1.05246	0.0502001	1.37017	1.37017	0.0704162	1.3301	1.3301	0.999201	0.999859	-1.00014	0.527905	1.09441	1.09441	0.322283	1.15515	1.15515	0.0191245	0.670312	-1.49184	0.32724	1.15335	1.15335	0.336415	1.15006	1.15006	2.50463	0.789356	0.280141	1
cg14601312	MAP7D3	0.105292	0.0150137	0.131484	-7.60547	0.567865	0.675838	-1.47964	0.845885	1.14118	1.14118	0.300685	2.07049	2.07049	0.529288	0.648879	-1.54112	0.0220469	0.155136	-6.44594	0.271167	0.459584	-2.17588	0.121298	0.319819	-3.12677	0.184462	0.384692	-2.59948	2.50459	18.2685	6.48356	1
cg14287742	BLZF1;NME7;NME7	0.105292	0.0329481	0.180354	-5.54465	0.247816	0.436189	-2.29258	0.113431	0.306402	-3.26369	0.496731	1.60616	1.60616	0.0368497	0.189193	-5.28562	0.211374	0.40488	-2.46987	0.0452712	0.20656	-4.8412	0.961392	1.0338	1.0338	0.0712395	0.250666	-3.98937	2.50458	18.7048	6.63845	1
cg14019695	INPP5E	0.105293	0.974685	1.02188	1.02188	0.382203	0.542587	-1.84302	0.365118	0.530007	-1.88677	0.063836	0.241406	-4.14241	0.10332	0.296547	-3.37214	0.0466856	0.211424	-4.72984	0.0088788	0.103116	-9.69783	0.976926	1.01993	1.01993	0.116946	0.312879	-3.19612	2.50458	18.4627	6.55253	1
cg08011119	C1QL2	0.105297	0.0665892	3.0893	3.0893	0.142389	2.37433	2.37433	0.0785327	2.91979	2.91979	0.516039	1.43491	1.43491	0.194262	2.12345	2.12345	0.170414	2.2268	2.2268	0.0427969	3.59146	3.59146	0.0142391	5.24858	5.24858	0.0520692	3.35948	3.35948	2.50453	11.927	4.23305	1
cg11645754	MAP2K3;MAP2K3	0.105297	0.0453733	0.679686	-1.47127	0.238406	1.23088	1.23088	0.621127	1.08742	1.08742	0.0129385	0.595129	-1.68031	0.149801	0.771245	-1.2966	0.977299	1.0048	1.0048	0.561734	1.10373	1.10373	0.475301	1.12989	1.12989	0.903927	1.02052	1.02052	2.50453	1.12247	0.39838	1
cg13490235	ESRRG;ESRRG;ESRRG	0.105298	0.688197	0.870355	-1.14896	0.010245	3.04642	3.04642	0.0218503	2.57818	2.57818	0.750687	1.11597	1.11597	0.89541	0.955738	-1.04631	0.897324	1.04544	1.04544	0.153072	1.69326	1.69326	0.283754	1.46714	1.46714	0.474758	0.778649	-1.28428	2.50452	4.69944	1.6679	1
cg00843105	ZNF234;ZNF234	0.105299	0.0209454	0.280805	-3.56119	0.0244695	3.40539	3.40539	0.415665	1.46279	1.46279	0.595609	0.782801	-1.27746	0.150928	0.494758	-2.02119	0.980404	0.988835	-1.01129	0.704811	0.840299	-1.19005	0.412758	1.46642	1.46642	0.966707	1.01926	1.01926	2.50451	8.2902	2.94232	1
cg19477020	NUP205	0.105304	0.930199	1.01613	1.01613	0.892072	1.0251	1.0251	0.206088	1.27577	1.27577	0.266778	0.809549	-1.23526	0.007703	0.535139	-1.86867	0.658616	1.08458	1.08458	0.659125	0.922135	-1.08444	0.884779	0.973869	-1.02683	0.0424853	0.65272	-1.53205	2.50445	1.32264	0.469437	1
cg08751994	DYNC1I1;DYNC1I1;DYNC1I1	0.105305	0.0136657	0.12098	-8.26586	0.0461371	0.205482	-4.86661	0.217441	0.407139	-2.45616	0.185574	0.378289	-2.64349	0.0310246	0.173194	-5.77386	0.136042	0.328762	-3.04172	0.257492	0.44116	-2.26675	0.127887	0.319849	-3.12647	0.0825364	0.264031	-3.78744	2.50445	19.0226	6.75157	1
cg19719902	RNF220	0.105311	0.267098	0.63716	-1.56947	0.951212	1.02414	1.02414	0.333412	1.47545	1.47545	0.897532	0.951012	-1.05151	0.337592	1.47021	1.47021	0.95063	1.02443	1.02443	0.504023	0.767712	-1.30257	0.00320691	4.79845	4.79845	0.569227	1.25141	1.25141	2.50439	6.02831	2.13964	1
cg25848339	GRB10;GRB10;GRB10	0.105313	0.0689731	0.580019	-1.72408	0.455865	0.816056	-1.22541	0.0802843	0.594924	-1.68089	0.038481	0.526368	-1.89981	0.578943	0.860678	-1.16187	0.684269	1.11564	1.11564	0.038336	1.90101	1.90101	0.586235	0.863205	-1.15847	0.650644	0.885127	-1.12978	2.50436	2.84142	1.00852	1
cg00898350	SMCR7;SMCR7;SMCR7;SMCR7	0.105314	0.049767	3.06332	3.06332	0.0945509	2.50742	2.50742	0.0369234	3.36108	3.36108	0.0351681	3.41242	3.41242	0.379056	1.57055	1.57055	0.173121	2.06501	2.06501	0.1052	2.42435	2.42435	0.03328	3.47159	3.47159	0.0961507	2.4942	2.4942	2.50436	9.92503	3.52276	1
cg20292791	DAB1	0.105314	0.0999743	0.505228	-1.97931	0.367429	0.704203	-1.42005	0.00778171	0.274079	-3.64858	0.496006	0.769644	-1.2993	0.10879	0.51556	-1.93964	0.169257	0.57425	-1.7414	0.904837	0.955709	-1.04634	0.374301	1.41259	1.41259	0.41612	1.36999	1.36999	2.50436	5.69057	2.01979	1
cg00128702	ADCYAP1;ADCYAP1	0.105315	0.0290203	2.18961	2.18961	0.104972	1.71521	1.71521	0.837252	1.06464	1.06464	0.349597	0.745856	-1.34074	0.417434	0.776967	-1.28706	0.645949	0.868604	-1.15127	0.915887	0.968339	-1.0327	0.0148012	2.49233	2.49233	0.706363	1.12217	1.12217	2.50434	3.67838	1.3056	1
cg23731846	CRTC2	0.105315	0.0135374	0.308126	-3.24542	0.497941	0.767165	-1.3035	0.21715	0.606403	-1.64907	0.885227	0.94588	-1.05722	0.0124196	0.301607	-3.31557	0.722117	0.871483	-1.14747	0.312685	0.66878	-1.49526	0.655727	0.841258	-1.1887	0.0510506	0.424845	-2.3538	2.50434	5.88598	2.08916	1
cg15929573	TUBA1C	0.105316	0.106321	0.101712	-9.83165	0.023833	0.0303446	-32.9548	0.0561898	0.060647	-16.4889	0.502496	0.413957	-2.41571	0.208654	0.179473	-5.57186	0.554713	0.460995	-2.16922	0.128474	0.118905	-8.41009	0.244247	0.20622	-4.84918	0.104659	9.95953	9.95953	2.50434	66.6178	23.6453	1
cg08278435	SLC17A2	0.105318	0.101664	0.366633	-2.72752	0.258859	0.51704	-1.93409	0.0795847	0.336374	-2.97288	0.0324094	0.245991	-4.06519	0.00928046	0.157485	-6.34982	0.255484	0.514407	-1.94399	0.531613	0.70131	-1.4259	0.0952228	0.358256	-2.7913	0.145504	0.416786	-2.39931	2.50431	12.4362	4.41414	1
cg17513943	YME1L1;MASTL;YME1L1	0.105318	0.3259	0.779264	-1.28326	0.970329	1.00919	1.00919	0.627826	1.12763	1.12763	0.0767994	0.616379	-1.62238	0.11368	0.654952	-1.52683	0.277157	0.757373	-1.32035	0.00482769	0.398823	-2.50738	0.572687	0.869225	-1.15045	0.71871	1.09301	1.09301	2.50431	2.39785	0.851102	1
cg03242819	DOCK1;FAM196A	0.105319	0.200625	0.653403	-1.53045	0.308598	0.717661	-1.39341	0.606447	1.17774	1.17774	0.905566	1.03807	1.03807	0.0262798	0.436164	-2.29271	0.02925	0.445459	-2.24487	0.0673765	0.524517	-1.90652	0.410157	1.30365	1.30365	0.124961	0.592818	-1.68686	2.5043	3.93104	1.3953	1
cg25309956	KBTBD8	0.105321	0.127664	0.747605	-1.3376	0.0072398	0.542305	-1.84398	0.0361984	0.650416	-1.53748	0.532871	0.89445	-1.11801	0.467902	0.877714	-1.13932	0.932968	1.01497	1.01497	0.193147	0.784118	-1.27532	0.408725	1.16093	1.16093	0.560651	0.901312	-1.10949	2.50428	1.23692	0.439041	1
cg20370909	RADIL	0.105321	0.692244	1.22118	1.22118	0.0264668	3.74919	3.74919	0.102056	0.407056	-2.45666	0.191585	0.499373	-2.00251	0.974647	0.984165	-1.01609	0.878205	1.08007	1.08007	0.043628	3.2063	3.2063	0.198557	1.97867	1.97867	0.667299	0.804764	-1.2426	2.50428	10.0057	3.55151	1
cg23477406	MMP17	0.105322	?	?	?	0.976478	1.02057	1.02057	?	?	?	0.186328	0.380068	-2.63111	?	?	?	?	?	?	?	?	?	0.437412	1.72804	1.72804	0.025949	6.20492	6.20492	2.73565	9.18111	6.71221	1
cg20862669	WDSUB1;WDSUB1;WDSUB1	0.105323	0.701331	0.946986	-1.05598	0.00579418	1.66682	1.66682	0.104809	1.28476	1.28476	0.765707	0.958637	-1.04315	0.796603	0.964148	-1.03718	0.160113	0.808852	-1.23632	0.743374	0.954624	-1.04753	0.842895	0.972341	-1.02845	0.568229	0.921705	-1.08495	2.50426	0.792467	0.281287	1
cg03757387	COL25A1;COL25A1	0.105324	0.0312388	0.295035	-3.38943	0.127472	0.451154	-2.21654	0.020742	0.260621	-3.83699	0.195804	0.516502	-1.9361	0.0381208	0.31324	-3.19244	0.492732	0.714299	-1.39997	0.125608	0.449105	-2.22665	0.556675	1.33256	1.33256	0.280238	0.581538	-1.71958	2.50425	9.25055	3.2835	1
cg11602897	CUX2	0.105324	0.0926912	0.520859	-1.91991	0.914351	1.03866	1.03866	0.319187	0.695632	-1.43754	0.718562	0.880216	-1.13609	0.00516077	0.27199	-3.6766	0.309172	0.690012	-1.44925	0.836978	1.07534	1.07534	0.0591694	0.471845	-2.11934	0.167393	0.595205	-1.68009	2.50425	4.92968	1.7498	1
cg08894153	ZNF709	0.105324	0.0857284	1.92406	1.92406	0.534652	0.810765	-1.2334	0.181734	0.618102	-1.61786	0.0535883	0.466137	-2.14529	0.0460637	0.449878	-2.22283	0.248678	1.50218	1.50218	0.0931683	0.529779	-1.88758	0.311067	0.703032	-1.42241	0.569377	0.825562	-1.2113	2.88184	4.79369	1.10894	1
cg18220380	DENND3	0.105325	0.0398392	0.116546	-8.58034	0.949579	0.944399	-1.05887	0.750878	0.749665	-1.33393	0.598897	0.618699	-1.61629	0.00864548	0.0483997	-20.6613	0.0860226	0.179771	-5.56262	0.0683165	0.157816	-6.3365	0.966161	1.03912	1.03912	0.18683	0.282026	-3.54577	2.50424	32.4554	11.5201	1
cg24916358	FAM53B	0.105325	0.916223	1.06278	1.06278	0.0115475	6.21972	6.21972	0.0322235	4.26896	4.26896	0.837016	1.12659	1.12659	0.925904	1.0553	1.0553	0.263296	1.96367	1.96367	0.023631	4.77627	4.77627	0.279877	1.9156	1.9156	0.502096	1.48318	1.48318	2.50424	13.2803	4.71389	1
cg27231806	SMOC2;SMOC2	0.105325	0.215476	1.54699	1.54699	0.00600823	0.300756	-3.32496	0.531237	0.808758	-1.23646	0.566715	0.823821	-1.21386	0.167388	0.611077	-1.63645	0.273533	0.682941	-1.46425	0.276859	1.4601	1.4601	0.785253	0.912647	-1.09571	0.305249	0.700969	-1.4266	2.50424	4.44213	1.57675	1
cg08986016	UNC84A;UNC84A	0.10533	0.418868	0.761644	-1.31295	0.200365	1.56184	1.56184	0.2198	1.53006	1.53006	0.761371	0.904477	-1.10561	0.106596	0.559455	-1.78745	0.612975	0.845239	-1.1831	0.0110308	0.349608	-2.86035	0.612207	1.18354	1.18354	0.150845	0.602003	-1.66112	2.50419	4.30931	1.52964	1
cg11210343	METAP2	0.105331	0.250197	0.633942	-1.57743	0.716139	0.870645	-1.14857	0.229646	1.61304	1.61304	0.467637	0.755527	-1.32358	0.214848	0.609403	-1.64095	0.692735	0.86015	-1.16259	0.0294948	0.378195	-2.64414	0.0125636	0.30807	-3.24601	0.112126	0.518828	-1.92742	2.50417	5.70648	2.02559	1
cg27090024	CHKA;CHKA	0.105332	0.724379	0.923889	-1.08238	0.0600874	0.622357	-1.6068	0.649604	0.902784	-1.10768	0.935795	0.982146	-1.01818	0.107351	0.675041	-1.48139	0.951125	1.0138	1.0138	0.010704	0.488078	-2.04885	0.263232	1.29797	1.29797	0.284068	1.28253	1.28253	2.50417	1.98297	0.703882	1
cg16567202	ULK2;ULK2	0.105333	0.604034	1.12034	1.12034	0.0300889	0.574627	-1.74026	0.0161246	0.527602	-1.89537	0.882763	1.03257	1.03257	0.906394	0.974775	-1.02588	0.133356	1.42143	1.42143	0.294022	1.26667	1.26667	0.999017	1.00027	1.00027	0.907702	1.02551	1.02551	2.50416	1.8708	0.66407	1
cg16135771	PLP1	0.105334	0.431771	1.74533	1.74533	0.33825	0.503975	-1.98423	0.448608	0.585071	-1.70919	0.91021	1.08145	1.08145	0.218529	0.40724	-2.45555	0.220914	2.44305	2.44305	0.0453761	4.91977	4.91977	0.047832	4.80926	4.80926	0.0484596	4.78232	4.78232	2.50414	19.1092	6.78315	1
cg16171860	RCC2;RCC2	0.105337	0.179617	0.541509	-1.84669	0.400003	0.690202	-1.44885	0.835347	0.914324	-1.0937	0.742298	0.86762	-1.15258	0.0191003	0.295023	-3.38956	0.160368	0.524437	-1.90681	0.00844075	0.235163	-4.25236	0.742567	1.1524	1.1524	0.20223	0.560209	-1.78505	2.50411	7.34531	2.60738	1
cg19350728	TSC1;TSC1;TSC1	0.10534	0.3941	1.15333	1.15333	0.597328	1.09103	1.09103	0.300325	1.19172	1.19172	0.336747	0.85056	-1.1757	0.351319	1.16972	1.16972	0.323759	0.846579	-1.18122	0.00868771	0.57894	-1.72729	0.638998	0.925691	-1.08027	0.138513	1.29774	1.29774	2.50408	1.05919	0.375987	1
cg07699235	FREM2	0.105342	0.0165678	0.657268	-1.52145	0.132799	1.26182	1.26182	0.394742	1.13313	1.13313	0.0504083	0.726326	-1.37679	0.31318	0.86107	-1.16135	0.916915	0.985149	-1.01507	0.237717	0.837487	-1.19405	0.687436	0.943655	-1.05971	0.189284	0.819229	-1.22066	2.50406	0.815386	0.289445	1
cg02399189	RASSF4	0.105343	0.611841	0.850895	-1.17523	0.647272	0.864712	-1.15645	0.0931796	1.79092	1.79092	0.0142658	0.38534	-2.59511	0.0373675	0.466592	-2.1432	0.283393	0.703516	-1.42143	0.927237	1.02924	1.02924	0.596093	0.844694	-1.18386	0.554897	1.20737	1.20737	2.50405	3.94827	1.40156	1
cg13112407	ARID5A	0.105347	0.021072	0.330536	-3.02539	0.128861	0.519515	-1.92487	0.118424	0.508447	-1.96677	0.390088	0.703691	-1.42108	0.0116673	0.284316	-3.51721	0.416439	0.717922	-1.39291	0.0632679	0.434532	-2.30133	0.405125	0.711858	-1.40477	0.12256	0.512909	-1.94966	2.50402	6.31425	2.24147	1
cg02860199	PLA2G2A;PLA2G2A;PLA2G2A;PLA2G2A	0.105347	0.116458	0.778262	-1.28491	0.243623	0.835859	-1.19637	0.255978	1.19038	1.19038	0.855267	0.973523	-1.0272	0.527757	0.910263	-1.09858	0.0819794	1.32741	1.32741	0.0659711	1.35413	1.35413	0.0745113	0.746764	-1.33911	0.356785	1.14946	1.14946	2.50401	0.856559	0.304067	1
cg00015024	CCNJ;CCNJ;CCNJ	0.105347	0.617871	1.07019	1.07019	0.171351	1.21704	1.21704	0.0895798	0.776914	-1.28714	0.0437562	1.367	1.367	0.922994	0.987045	-1.01313	0.551128	1.08473	1.08473	0.0801071	0.769608	-1.29936	0.245573	1.17798	1.17798	0.163355	0.818203	-1.22219	2.50401	0.721383	0.256081	1
cg12371263	EP400	0.105349	0.0880808	1.54407	1.54407	0.108334	1.49826	1.49826	0.628896	0.893689	-1.11896	0.153246	0.702592	-1.4233	0.342457	0.79792	-1.25326	0.0643071	0.618924	-1.61571	0.257208	0.761154	-1.31379	0.214594	1.35195	1.35195	0.194349	0.728408	-1.37286	2.504	2.11261	0.749952	1
cg04260924	PMS1;ORMDL1;ORMDL1;PMS1;PMS1	0.10535	0.254464	1.71915	1.71915	0.0085716	4.60402	4.60402	0.0289597	3.22995	3.22995	0.827952	1.10419	1.10419	0.1779	1.91921	1.91921	0.237446	1.75692	1.75692	0.651164	0.812806	-1.23031	0.629301	1.24793	1.24793	0.0858334	2.37372	2.37372	2.50398	8.22293	2.91906	1
cg02075970	PDGFB;PDGFB	0.10535	0.0896504	1.58409	1.58409	0.281358	1.31687	1.31687	0.749302	1.08201	1.08201	0.470143	1.19798	1.19798	0.0161126	2.06248	2.06248	0.504229	1.1813	1.1813	0.421568	0.81722	-1.22366	0.141372	0.67785	-1.47525	0.168531	0.697173	-1.43436	2.50398	2.39696	0.8509	1
cg14624505	SLC25A11;SLC25A11;SLC25A11;RNF167	0.105359	0.103094	0.43339	-2.30739	0.618882	1.26134	1.26134	0.169303	1.98126	1.98126	0.608341	0.787167	-1.27038	0.927572	0.958829	-1.04294	0.43376	0.690395	-1.44845	0.201694	0.5333	-1.87512	0.0817124	0.403922	-2.47573	0.0105106	0.213307	-4.68808	2.65966	8.81722	2.57847	1
cg24962978	TRAPPC4;TRAPPC4;RPS25	0.105361	0.0111919	0.40152	-2.49054	0.489742	0.817578	-1.22313	0.719452	0.901642	-1.10909	0.126614	0.622299	-1.60695	0.938319	1.02246	1.02246	0.219979	1.44805	1.44805	0.0822789	1.73768	1.73768	0.681862	1.1256	1.1256	0.644855	1.14251	1.14251	2.50387	3.26759	1.16002	1
cg14233872	ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13	0.105365	0.0463361	0.136209	-7.34167	0.0696585	0.169954	-5.88393	0.248009	0.348229	-2.87167	0.118291	4.39865	4.39865	0.785409	0.787893	-1.26921	0.0174939	0.0799562	-12.5069	0.937953	0.934258	-1.07037	0.640616	0.663196	-1.50785	0.859676	0.856786	-1.16715	2.50382	30.2558	10.7412	1
cg08591998	ELN;ELN;ELN;ELN;ELN	0.105366	0.553431	0.832235	-1.20158	0.0518475	1.96945	1.96945	0.56012	0.834867	-1.1978	0.143527	0.617866	-1.61847	0.0715879	0.539943	-1.85205	0.0878318	1.78089	1.78089	0.0960471	1.75049	1.75049	0.934133	1.02564	1.02564	0.771654	0.914718	-1.09323	2.50381	3.72103	1.32102	1
cg03025466	SLC6A8;SLC6A8;SLC6A8	0.105368	0.117865	1.33899	1.33899	0.877281	1.02692	1.02692	0.878778	0.974105	-1.02658	0.620489	0.917775	-1.08959	0.108656	0.740225	-1.35094	0.0745447	0.710699	-1.40706	0.044212	0.672103	-1.48787	0.0843705	1.38846	1.38846	0.644758	1.08308	1.08308	2.50379	1.1718	0.41601	1
cg16361168	THTPA;THTPA;THTPA	0.105375	0.977603	1.00518	1.00518	0.0520906	0.666089	-1.5013	0.934493	1.01523	1.01523	0.282432	1.22801	1.22801	0.460208	0.870867	-1.14828	0.0647782	1.46436	1.46436	0.0290127	1.60525	1.60525	0.291559	0.817707	-1.22293	0.447828	1.15287	1.15287	2.50372	1.34092	0.476063	1
cg06215569	ALX3	0.105375	0.0431088	26.4652	26.4652	0.0557894	21.1245	21.1245	0.0340488	32.5359	32.5359	0.199425	6.74274	6.74274	0.522299	2.49134	2.49134	0.813733	0.717312	-1.39409	0.911682	1.16904	1.16904	0.0161273	63.0592	63.0592	0.452667	2.93571	2.93571	2.50372	78.5733	27.8957	1
cg03943826	BRUNOL6	0.105375	0.0510239	0.802584	-1.24598	0.0512087	1.2457	1.2457	0.832081	1.02123	1.02123	0.964116	0.995558	-1.00446	0.170294	0.865445	-1.15548	0.281145	0.89508	-1.11722	0.965182	0.99569	-1.00433	0.412661	1.08641	1.08641	0.0487404	1.24949	1.24949	2.50372	0.388267	0.137846	1
cg02551882	MORC2;TUG1	0.105376	0.954263	1.01544	1.01544	0.58312	1.15956	1.15956	0.373575	0.783523	-1.27629	0.0451477	1.84758	1.84758	0.922654	0.974396	-1.02628	0.37956	0.786033	-1.27221	0.0075162	0.398989	-2.50633	0.675733	1.11891	1.11891	0.766432	0.923522	-1.08281	2.50371	2.82862	1.00424	1
cg17517442	ZC3H3	0.105381	0.299739	1.39995	1.39995	0.85391	1.0594	1.0594	0.591809	0.844127	-1.18466	0.774269	1.0942	1.0942	0.0216787	0.421922	-2.3701	0.0564577	1.96616	1.96616	0.179449	1.56267	1.56267	0.383201	0.755831	-1.32305	0.124391	1.68346	1.68346	2.50366	3.88607	1.37969	1
cg01002125	DNAJC16	0.105382	0.0302645	0.666432	-1.50053	0.491424	1.11777	1.11777	0.0993177	1.33352	1.33352	0.739498	1.0546	1.0546	0.222086	1.22684	1.22684	0.80986	0.962326	-1.03915	0.0582887	0.711134	-1.40621	0.636426	1.07881	1.07881	0.159089	1.27094	1.27094	2.50365	1.00639	0.357305	1
cg02067350	NCK2;NCK2;NCK2	0.105382	0.309643	0.830966	-1.20342	0.0764542	0.706732	-1.41496	0.374065	0.851552	-1.17433	0.427928	0.86715	-1.1532	0.0280624	0.633215	-1.57924	0.318397	1.19916	1.19916	0.0415446	1.51271	1.51271	0.73429	0.941762	-1.06184	0.813102	1.0426	1.0426	2.50365	1.22995	0.436677	1
cg01441622	MAP2	0.105382	0.0253485	0.280775	-3.56157	0.0176133	0.251592	-3.97469	0.156984	0.485154	-2.0612	0.377104	0.648508	-1.542	0.185966	0.511664	-1.95441	0.318965	0.611306	-1.63584	0.0210965	0.265703	-3.7636	0.435357	0.683656	-1.46272	0.126186	0.453554	-2.20481	2.50365	9.05395	3.2145	1
cg04792642	ATP1A4	0.105383	0.0174507	1.39271	1.39271	0.565258	0.935622	-1.06881	0.406458	0.907362	-1.1021	0.549524	0.933031	-1.07178	0.631043	1.05695	1.05695	0.536707	1.07424	1.07424	0.013652	1.41793	1.41793	0.618454	0.944146	-1.05916	0.434463	1.09558	1.09558	2.50364	0.519578	0.18447	1
cg11142362	CRYAA	0.105387	0.748439	0.928863	-1.07659	0.18768	0.725993	-1.37742	0.00663065	0.445677	-2.24378	0.675101	0.907845	-1.10151	0.0248473	0.541987	-1.84506	0.530499	1.15688	1.15688	0.977251	1.00656	1.00656	0.797017	0.9426	-1.0609	0.254003	0.760951	-1.31414	2.50359	2.0856	0.740483	1
cg22808839	ITPK1;ITPK1;ITPK1	0.105388	0.545145	0.713407	-1.40172	0.269205	1.8862	1.8862	0.118483	0.392723	-2.54632	0.0175155	4.92603	4.92603	0.226421	0.496368	-2.01463	0.0645761	3.14217	3.14217	0.596143	0.744565	-1.34307	0.880297	0.920255	-1.08665	0.678698	1.25825	1.25825	2.50358	12.0589	4.28147	1
cg12186839	HCN2	0.10539	0.0436086	0.100616	-9.93882	0.380356	0.410362	-2.43687	0.235395	0.292013	-3.42451	0.186782	0.250271	-3.99567	0.0172905	0.056688	-17.6404	0.101792	0.169831	-5.88822	0.0235161	0.0687109	-14.5537	0.545762	0.545967	-1.83161	0.071033	0.135841	-7.36155	2.50357	38.8504	13.7938	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21584493	PTPRN2;PTPRN2;PTPRN2	0.105393	0.348564	0.778803	-1.28402	0.141446	0.663903	-1.50624	0.315706	0.764346	-1.30831	0.347588	0.778386	-1.28471	0.770611	0.927059	-1.07868	0.796171	1.06936	1.06936	0.0760612	0.599668	-1.66759	0.00330888	0.354734	-2.81902	0.349544	0.779223	-1.28333	2.50354	2.66082	0.944732	1
cg25509822	UBTF	0.105393	0.997098	0.998685	-1.00132	0.277943	0.664892	-1.504	0.998683	0.999403	-1.0006	0.169545	0.588993	-1.69781	0.00620523	0.27505	-3.6357	0.0440505	0.433021	-2.30936	0.938398	1.02835	1.02835	0.946873	1.0244	1.0244	0.421132	1.3462	1.3462	2.50354	5.18853	1.8422	1
cg09528520	MFSD6	0.105395	0.733456	0.933384	-1.07137	0.178165	0.749352	-1.33449	0.858731	1.03659	1.03659	0.234822	1.2855	1.2855	0.578868	1.11972	1.11972	0.356749	1.21066	1.21066	0.0129563	1.86273	1.86273	0.379741	0.833824	-1.19929	0.0768376	0.672427	-1.48715	2.50351	1.61287	0.572659	1
cg22354234	THUMPD2;THUMPD2	0.105396	0.138972	1.23119	1.23119	0.026847	1.40837	1.40837	0.0230253	1.4262	1.4262	0.099882	1.2655	1.2655	0.489678	0.912432	-1.09597	0.457473	0.905914	-1.10386	0.665487	0.944778	-1.05845	0.230077	1.17873	1.17873	0.544583	1.08338	1.08338	2.5035	0.676179	0.240083	1
cg09207296	MAP4K5;MAP4K5	0.105397	0.73324	1.10034	1.10034	0.168861	0.663822	-1.50643	0.622146	1.14894	1.14894	0.0183231	2.22589	2.22589	0.879294	1.04339	1.04339	0.151737	1.5361	1.5361	0.814393	0.936383	-1.06794	0.0432242	0.522057	-1.9155	0.389884	1.27924	1.27924	2.5035	3.0975	1.0998	1
cg24587185	SH3RF3	0.105397	0.0294739	0.192167	-5.20381	0.641664	0.7397	-1.3519	0.0708506	0.272953	-3.66363	0.265959	0.474394	-2.10795	0.0816709	0.288996	-3.46026	0.424195	0.591511	-1.69059	0.0127542	0.136602	-7.32053	0.366927	0.550855	-1.81536	0.0537682	0.244423	-4.09127	2.50349	16.4099	5.8265	1
cg06260815	CCNA1;CCNA1;CCNA1;CCNA1	0.105399	0.781181	0.877408	-1.13972	0.135941	2.12687	2.12687	0.0377093	3.1019	3.1019	0.170475	0.503805	-1.98489	0.48028	0.713917	-1.40072	0.0262372	0.289878	-3.44972	0.843599	0.911402	-1.09721	0.478266	1.40297	1.40297	0.480581	0.714087	-1.40039	2.50348	8.74575	3.10528	1
cg03562911	CLYBL	0.105399	0.118186	0.346613	-2.88506	0.707008	1.26597	1.26597	0.719545	0.798354	-1.25258	0.466146	0.629265	-1.58915	0.0153612	0.155965	-6.4117	0.261148	0.480976	-2.07911	0.0252745	0.189873	-5.26667	0.0364429	0.218997	-4.56628	0.305042	0.515108	-1.94134	2.50347	15.4672	5.49182	1
cg27388017	ZNF136	0.105402	0.0455959	0.572632	-1.74632	0.554577	0.864701	-1.15647	0.364916	0.79738	-1.25411	0.0166791	0.49126	-2.03558	0.705486	1.09674	1.09674	0.375834	0.801681	-1.24738	0.203684	0.721593	-1.38582	0.539942	1.16289	1.16289	0.109537	1.52857	1.52857	2.50344	2.34527	0.832727	1
cg09795308	MRPS31;MRPS31	0.105402	0.949526	0.992086	-1.00798	0.960278	0.993768	-1.00627	0.68558	1.05242	1.05242	0.0337245	1.36514	1.36514	0.0270278	1.38902	1.38902	0.696674	0.95202	-1.0504	0.0147726	1.45724	1.45724	0.746012	0.960028	-1.04164	0.46581	1.09764	1.09764	2.50344	0.624637	0.221788	1
cg26921611	EIF4EBP1	0.105403	0.594734	0.88514	-1.12977	0.469316	0.84596	-1.18209	0.302016	0.784294	-1.27503	0.106876	0.670321	-1.49182	0.0100291	0.477798	-2.09293	0.701461	1.09147	1.09147	0.127549	1.45414	1.45414	0.545413	1.14919	1.14919	0.15349	0.706608	-1.41521	2.50343	2.04724	0.726912	1
cg00169175	HACE1	0.105405	0.650964	0.859155	-1.16393	0.0166966	0.377615	-2.6482	0.653611	0.860228	-1.16248	0.03371	0.437519	-2.28561	0.0191317	0.38865	-2.57301	0.211209	0.644653	-1.55122	0.105608	0.554746	-1.80263	0.193715	0.632322	-1.58147	0.566723	0.824471	-1.2129	2.50341	4.40475	1.564	1
cg06324037	C17orf55	0.105407	0.996893	1.00125	1.00125	0.47473	0.791272	-1.26379	0.0436648	0.473827	-2.11047	0.0346149	0.452297	-2.21094	0.00848022	0.338842	-2.95123	0.152054	0.610078	-1.63914	0.324132	0.720398	-1.38812	0.880261	0.952613	-1.04974	0.256122	0.682653	-1.46487	2.50339	4.11235	1.46019	1
cg09768178	ZNF98	0.10541	0.268858	2.02704	2.02704	0.0432146	4.26209	4.26209	0.651531	1.31984	1.31984	0.769545	0.835931	-1.19627	0.323599	0.535408	-1.86773	0.379759	0.576052	-1.73595	0.453302	0.62679	-1.59543	0.0103946	7.70741	7.70741	0.926002	1.05828	1.05828	2.65907	15.3285	4.48357	1
cg24883899	APC2	0.105412	0.275198	1.99554	1.99554	0.00567908	9.09842	9.09842	0.0175939	5.80096	5.80096	0.886742	0.91692	-1.09061	0.652957	1.31716	1.31716	0.754561	1.2103	1.2103	0.652309	1.3179	1.3179	0.693453	1.27267	1.27267	0.868927	0.90437	-1.10574	2.50333	14.6859	5.21469	1
cg14349144	LOC84740	0.105414	0.0201984	0.45168	-2.21396	0.493651	1.21803	1.21803	0.0511928	0.532583	-1.87764	0.0884018	0.586604	-1.70473	0.0426491	0.515722	-1.93903	0.322479	0.748276	-1.3364	0.621776	0.868407	-1.15153	0.28798	0.731243	-1.36753	0.0765716	0.571822	-1.7488	2.50332	3.19185	1.13337	1
cg01729020	SAMD4A;SAMD4A	0.105415	0.204939	0.597803	-1.67279	0.00606651	0.251963	-3.96883	0.0592654	0.440809	-2.26855	0.703483	1.15847	1.15847	0.314234	1.49234	1.49234	0.370899	0.702271	-1.42395	0.408108	0.722179	-1.3847	0.262917	0.638278	-1.56672	0.768627	0.892728	-1.12016	2.50331	5.86658	2.08314	1
cg23575644	GPR112	0.105415	0.0230166	0.176731	-5.65833	0.143721	0.367362	-2.72211	0.136889	0.360078	-2.77718	0.39214	0.571858	-1.74869	0.205622	0.426912	-2.3424	0.944876	0.956878	-1.04507	0.807865	1.16802	1.16802	0.0179294	0.159821	-6.25701	0.0454137	0.231576	-4.31824	2.5033	16.1108	5.72071	1
cg21780842	TPMT	0.105417	0.783932	1.04983	1.04983	0.438531	0.869543	-1.15003	0.00549182	0.524212	-1.90763	0.286474	1.21631	1.21631	0.857446	0.968692	-1.03232	0.957635	1.00944	1.00944	0.0926215	1.38735	1.38735	0.575576	0.904777	-1.10524	0.551353	0.898862	-1.11252	2.50329	1.24082	0.440602	1
cg08381013	ARHGEF10	0.105417	0.897859	0.956333	-1.04566	0.51561	1.25758	1.25758	0.00849977	0.311072	-3.21469	0.943301	1.02504	1.02504	0.0202465	0.377827	-2.64672	0.988433	0.994973	-1.00505	0.144351	0.579743	-1.7249	0.719953	0.882352	-1.13333	0.384369	0.733387	-1.36354	2.50328	4.79201	1.70159	1
cg14254534	SPRED3;SPRED3	0.105421	0.0290998	0.398393	-2.51008	0.334353	0.700267	-1.42803	0.201172	0.616887	-1.62104	0.361212	0.714714	-1.39916	0.0152925	0.344515	-2.90263	0.171019	0.593566	-1.68473	0.0177032	0.356203	-2.80739	0.199257	0.615476	-1.62476	0.354379	0.71109	-1.40629	2.50324	5.0768	1.80275	1
cg16433265	SORBS2	0.105423	0.401184	0.723543	-1.38209	0.340775	0.690942	-1.4473	0.682419	0.856478	-1.16757	0.00826279	3.56768	3.56768	0.226047	0.619567	-1.61403	0.982497	1.0083	1.0083	0.52863	1.27176	1.27176	0.127921	1.85857	1.85857	0.215036	1.63475	1.63475	2.50322	5.62247	1.99653	1
cg06104408	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.105424	0.866782	0.922989	-1.08344	0.63828	1.25359	1.25359	0.575241	0.763202	-1.31027	0.151479	0.480186	-2.08253	0.0797831	0.395341	-2.52946	0.859446	0.918875	-1.08829	0.136204	0.464694	-2.15196	0.00490592	0.168763	-5.92549	0.160137	0.488551	-2.04687	2.50322	9.03265	3.20748	1
cg24430201	DOT1L	0.10543	0.528939	1.27377	1.27377	0.0170183	3.01562	3.01562	0.622513	1.20712	1.20712	0.718687	1.14708	1.14708	0.0588159	0.445029	-2.24704	0.36056	0.700073	-1.42842	0.0716934	0.466328	-2.14441	0.741922	0.882178	-1.13356	0.559875	0.799593	-1.25064	2.50315	5.70517	2.02595	1
cg11701951	CSRNP2;CSRNP2	0.10543	0.398892	1.18009	1.18009	0.642268	0.914212	-1.09384	0.502796	1.13927	1.13927	0.221245	1.27958	1.27958	0.0103437	0.538317	-1.85764	0.62337	1.09955	1.09955	0.087518	1.43569	1.43569	0.159007	1.33457	1.33457	0.858923	1.0347	1.0347	2.50315	1.45733	0.51751	1
cg07823935	NCKAP1;NCKAP1;NCKAP1;NCKAP1	0.105432	0.309	1.15466	1.15466	0.225654	1.18981	1.18981	0.195382	1.20568	1.20568	0.188084	1.20986	1.20986	0.939494	1.01042	1.01042	0.0183975	1.47796	1.47796	0.0497381	0.736592	-1.3576	0.146803	1.237	1.237	0.513594	1.0947	1.0947	2.50314	0.739575	0.262631	1
cg14901121	LAPTM4B	0.105435	0.868714	0.949536	-1.05315	0.0319955	0.455438	-2.19569	0.0188182	0.41032	-2.43712	0.185838	1.5513	1.5513	0.997617	1.00094	1.00094	0.581563	0.840104	-1.19033	0.899789	0.961332	-1.04022	0.624584	0.856944	-1.16694	0.0453397	0.487418	-2.05163	2.5031	3.88431	1.37938	1
cg03217915	SIK1	0.105435	0.499984	1.17072	1.17072	0.917892	1.02402	1.02402	0.126814	0.683743	-1.46254	0.6451	1.11267	1.11267	0.00564268	0.433347	-2.30762	0.628269	0.893762	-1.11887	0.203611	1.36194	1.36194	0.870979	0.963272	-1.03813	0.409347	1.2144	1.2144	2.5031	2.10096	0.746084	1
cg09309453	MYO19;MYO19;PIGW;MYO19;MYO19;MYO19;MYO19	0.105436	0.887089	1.02198	1.02198	0.266564	1.19695	1.19695	0.0754757	1.37036	1.37036	0.308421	1.17743	1.17743	0.331333	1.16779	1.16779	0.35657	1.15786	1.15786	0.0280591	0.655245	-1.52615	0.0933713	0.746396	-1.33977	0.360639	0.864812	-1.15632	2.8803	1.01723	0.235446	1
cg26797723	WNT5A	0.105437	0.268908	0.7903	-1.26534	0.776636	1.05986	1.05986	0.0517471	0.636059	-1.57218	0.120306	1.41116	1.41116	0.122163	0.710053	-1.40834	0.845132	1.04078	1.04078	0.027236	1.70593	1.70593	0.668801	0.915799	-1.09194	0.756408	0.938382	-1.06566	2.50308	1.65609	0.588107	1
cg11832662	RIMBP2	0.105438	0.833411	0.860643	-1.16192	0.248349	2.36282	2.36282	0.424341	1.7885	1.7885	0.755706	0.80061	-1.24905	0.00790854	0.0882796	-11.3276	0.620188	0.700493	-1.42757	0.0467373	0.197417	-5.06542	0.46589	0.589339	-1.69682	0.213783	0.393468	-2.5415	2.50307	20.1275	7.14769	1
cg03904674	INPP5F;INPP5F	0.105439	0.0771616	1.62919	1.62919	0.104603	0.64365	-1.55364	0.0266192	0.520677	-1.92058	0.212492	1.38563	1.38563	0.678211	0.901557	-1.10919	0.370593	1.25654	1.25654	0.494263	1.18816	1.18816	0.414283	0.812791	-1.23033	0.253139	0.743456	-1.34507	2.50306	2.44563	0.868496	1
cg26516759	BMP7	0.105441	0.0293073	1.80015	1.80015	0.14525	1.43067	1.43067	0.0361007	1.74737	1.74737	0.69839	1.09326	1.09326	0.395982	1.22023	1.22023	0.775553	1.06765	1.06765	0.185577	1.37908	1.37908	0.0609859	1.62178	1.62178	0.0175026	1.939	1.939	2.50304	2.07848	0.738118	1
cg15682617	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.105443	0.0215993	0.207592	-4.81715	0.0431634	0.265606	-3.76497	0.0204762	0.203644	-4.91052	0.222622	0.481733	-2.07584	0.068413	0.31266	-3.19836	0.0948019	0.351239	-2.84707	0.275989	0.524249	-1.90749	0.596265	0.737348	-1.35621	0.210025	0.471039	-2.12297	2.50302	12.8742	4.57199	1
ch.20.707667F	RBM39;RBM39	0.105445	0.243124	1.77311	1.77311	0.0148693	4.46076	4.46076	0.0203935	3.99003	3.99003	0.958288	0.976163	-1.02442	0.131198	2.16649	2.16649	0.619854	0.79348	-1.26027	0.532033	0.745789	-1.34086	0.16334	2.01931	2.01931	0.67303	1.21676	1.21676	2.88017	9.24303	2.13946	1
cg10945917	C1orf61	0.105447	0.0968982	0.208734	-4.79078	0.0195691	0.0884311	-11.3082	0.0807606	0.189187	-5.28579	0.296886	0.394612	-2.53413	0.0316295	0.114584	-8.72723	0.267378	0.37031	-2.70044	0.0344844	0.120014	-8.33239	0.161147	0.276175	-3.62089	0.116825	0.231106	-4.32702	2.50298	29.3036	10.4067	1
cg21810108	LOC255411;LOC255411	0.105447	0.0866532	0.338101	-2.9577	0.0109911	0.160691	-6.22314	0.292242	0.534643	-1.87041	0.192028	0.45324	-2.20634	0.0728865	0.317774	-3.14689	0.768357	0.844308	-1.1844	0.0221769	0.207772	-4.81297	0.203238	0.463193	-2.15893	0.224065	0.481007	-2.07897	2.50297	13.0162	4.62249	1
cg16963683	ACCS;ACCS	0.105449	0.6784	0.62884	-1.59023	0.194737	4.59958	4.59958	0.698805	1.54119	1.54119	0.102055	7.32144	7.32144	0.47208	0.443202	-2.25631	0.736919	1.45512	1.45512	0.0268697	18.4784	18.4784	0.975621	1.03458	1.03458	0.0109124	34.9784	34.9784	2.50295	49.0616	17.4235	1
cg16550854	UNC84A;UNC84A	0.105451	0.577373	1.12456	1.12456	0.712978	1.0801	1.0801	0.131368	1.4045	1.4045	0.422113	1.1865	1.1865	0.050969	0.628998	-1.58983	0.138172	0.716835	-1.39502	0.759532	0.93798	-1.06612	0.0214164	1.77972	1.77972	0.512559	1.14856	1.14856	2.50293	1.72403	0.612271	1
cg12822975	NUSAP1;OIP5;NUSAP1;NUSAP1	0.105452	0.048669	0.728896	-1.37194	0.68582	0.944489	-1.05877	0.906212	1.01669	1.01669	0.950237	1.0088	1.0088	0.54221	0.917008	-1.0905	0.00372573	0.576864	-1.73351	0.482704	0.904667	-1.10538	0.616016	1.07359	1.07359	0.843619	1.02812	1.02812	2.50292	0.781744	0.277629	1
cg25550677	KLC4;KLC4;KLC4;KLC4;MRPL2	0.105454	0.0566853	0.504902	-1.98058	0.38756	1.32389	1.32389	0.360194	1.34719	1.34719	0.00710194	0.332264	-3.00965	0.686672	0.879441	-1.13709	0.758963	1.10242	1.10242	0.891062	1.04437	1.04437	0.193822	0.646912	-1.5458	0.86187	0.946321	-1.05672	2.5029	3.97855	1.41295	1
cg18074403	DIP2C	0.105454	0.509739	0.731817	-1.36646	0.0852206	0.41129	-2.43138	0.0146583	0.245859	-4.06736	0.646501	1.24061	1.24061	0.043349	0.33793	-2.9592	0.225087	0.551626	-1.81282	0.046571	0.345027	-2.89832	0.175187	0.510095	-1.96042	0.985022	1.0088	1.0088	2.5029	8.64118	3.06886	1
cg07869667	EXOSC4	0.105455	0.561236	1.08843	1.08843	0.115708	0.781422	-1.27972	0.0648262	0.741476	-1.34866	0.177193	1.22984	1.22984	0.468378	1.11229	1.11229	0.220978	1.20393	1.20393	0.097905	0.769588	-1.2994	0.0845893	1.31673	1.31673	0.59656	0.925836	-1.08011	2.50289	0.824744	0.292904	1
cg21939092	TLE2;TLE2;TLE2;TLE2	0.105456	0.683873	0.958909	-1.04285	0.538046	0.938096	-1.06599	0.0329414	1.29132	1.29132	0.222479	0.876865	-1.14043	0.521975	1.06878	1.06878	0.402267	0.91589	-1.09183	0.0348116	0.777136	-1.28678	0.19558	1.15061	1.15061	0.235976	1.13574	1.13574	2.50288	0.416416	0.147889	1
cg10593219	C10orf27	0.105457	0.0462559	0.415884	-2.40451	0.547307	0.791366	-1.26364	0.0199514	0.339846	-2.94251	0.0797795	0.473772	-2.11072	0.0658552	0.452482	-2.21003	0.453722	0.745836	-1.34078	0.101822	0.502513	-1.99	0.285444	0.652934	-1.53155	0.0288251	0.37141	-2.69244	2.50287	5.85215	2.07838	1
cg04964333	LPIN3;LPIN3	0.10546	0.726513	1.25491	1.25491	0.439494	1.66499	1.66499	0.342054	1.88328	1.88328	0.174941	2.54186	2.54186	0.978244	0.982522	-1.01779	0.108701	3.09976	3.09976	0.0086467	8.7111	8.7111	0.0352184	4.88448	4.88448	0.0547044	4.09246	4.09246	2.50285	16.5743	5.8864	1
cg05709402	PARD3	0.10546	0.0410946	0.409947	-2.43934	0.772059	0.895926	-1.11616	0.0496712	0.428617	-2.33309	0.616955	0.826303	-1.21021	0.00947716	0.2883	-3.46861	0.53501	1.26834	1.26834	0.780763	0.899815	-1.11134	0.407355	0.72566	-1.37806	0.134038	0.542604	-1.84296	2.50285	5.67441	2.01528	1
cg10950297	EFNB1;EFNB1	0.10546	0.0182281	0.0588516	-16.9919	0.948688	0.938371	-1.06568	0.681298	1.50403	1.50403	0.0704886	7.37435	7.37435	0.061843	7.9927	7.9927	0.18682	0.250827	-3.98681	0.803412	0.781515	-1.27957	0.713636	0.694688	-1.43949	0.962875	0.955038	-1.04708	2.50284	38.7224	13.7523	1
cg04387237	TECR	0.10546	0.914589	1.011	1.011	0.686997	1.04216	1.04216	0.0632907	1.23727	1.23727	0.189219	1.15232	1.15232	0.111688	1.19315	1.19315	0.721911	0.964226	-1.0371	0.0426415	0.78827	-1.2686	0.299606	0.896208	-1.11581	0.119993	0.842027	-1.18761	2.50284	0.411907	0.14629	1
cg02213287	TTC5	0.105461	0.240346	0.745698	-1.34102	0.0288223	1.85025	1.85025	0.0832577	1.58045	1.58045	0.732812	0.92146	-1.08523	0.239664	0.745351	-1.34165	0.229999	1.3507	1.3507	0.16623	0.70301	-1.42245	0.558131	1.15185	1.15185	0.168195	1.41984	1.41984	2.50283	2.25855	0.802132	1
cg06360543	C1orf92	0.105463	0.59535	0.791303	-1.26374	0.0204002	3.38877	3.38877	0.163085	1.91578	1.91578	0.500241	0.741703	-1.34825	0.0650187	0.404645	-2.4713	0.133159	2.02887	2.02887	0.906149	1.05285	1.05285	0.173634	1.88169	1.88169	0.449012	1.4006	1.4006	2.50281	7.55893	2.6846	1
cg00645664	ABCA13	0.105463	0.349405	1.22545	1.22545	0.0578992	1.57225	1.57225	0.250213	1.28866	1.28866	0.794239	0.946328	-1.05672	0.6312	1.10748	1.10748	0.02194	1.78639	1.78639	0.0270786	1.73727	1.73727	0.370358	0.82353	-1.21429	0.53472	0.875728	-1.14191	2.50281	1.7658	0.627136	1
cg10187703	C2orf51	0.105464	0.314007	0.799235	-1.2512	0.404663	0.832348	-1.20142	0.293062	0.790773	-1.26459	0.673443	1.09551	1.09551	0.286376	0.787989	-1.26905	0.00779835	0.479447	-2.08574	0.0616936	1.5729	1.5729	0.884705	0.969255	-1.03172	0.576118	0.88554	-1.12925	2.5028	1.83598	0.652063	1
cg22082329	CARD14	0.105465	0.8754	1.02598	1.02598	0.266355	1.20841	1.20841	0.139996	1.29635	1.29635	0.490215	0.891759	-1.12138	0.144714	0.774103	-1.29182	0.697157	0.938076	-1.06601	0.0342471	1.49747	1.49747	0.557603	1.10179	1.10179	0.0397384	0.677969	-1.47499	2.50279	1.05907	0.376136	1
cg13461509	ECHDC2	0.105466	0.983024	0.983988	-1.01627	0.677818	0.728379	-1.37291	0.0253717	7.509	7.509	0.107805	0.264153	-3.78568	0.0770611	4.44309	4.44309	0.212634	0.369421	-2.70694	0.643751	1.42373	1.42373	0.18296	2.92123	2.92123	0.304126	0.446029	-2.24201	2.50278	22.8116	8.10177	1
cg11584376	ITPR1;ITPR1;ITPR1	0.105467	0.312241	1.26649	1.26649	0.731457	0.925098	-1.08097	0.563309	0.876297	-1.14117	0.192065	0.731927	-1.36626	0.017171	0.518764	-1.92766	0.0458931	0.596218	-1.67724	0.747014	1.07589	1.07589	0.0618154	0.621675	-1.60856	0.477066	1.17749	1.17749	2.50277	2.02455	0.719043	1
cg11319427	TTYH3	0.105467	0.0445061	0.50347	-1.98621	0.0711143	0.549037	-1.82137	0.59291	1.1741	1.1741	0.689804	0.887525	-1.12673	0.0286714	0.464104	-2.15469	0.0169858	0.420739	-2.37677	0.726096	0.90068	-1.11027	0.413147	0.779709	-1.28253	0.294715	0.723822	-1.38155	2.50277	3.50617	1.24526	1
cg14795109	FDXACB1	0.105468	0.00453514	0.190544	-5.24813	0.62206	0.804259	-1.24338	0.309182	0.630394	-1.58631	0.205123	0.556482	-1.797	0.207444	0.558329	-1.79106	0.226906	0.573381	-1.74404	0.225107	0.572021	-1.74819	0.296569	1.60719	1.60719	0.182977	0.538208	-1.85802	2.50276	7.61894	2.70597	1
cg00400999	BEX5;BEX5	0.105471	0.17724	0.413612	-2.41773	0.0727528	0.291618	-3.42914	0.180783	0.416953	-2.39835	0.418249	1.66395	1.66395	0.0880846	0.313905	-3.18567	0.159302	0.396168	-2.52418	0.308038	1.91462	1.91462	0.0637521	3.60728	3.60728	0.953079	1.03689	1.03689	2.50273	15.021	5.33499	1
cg01975483	ZEB2;ZEB2;ZEB2	0.105471	0.987025	1.00229	1.00229	0.0666133	0.748607	-1.33581	0.780606	0.961455	-1.04009	0.100895	0.776519	-1.2878	0.0639455	1.34061	1.34061	0.435759	0.894101	-1.11844	0.053202	1.36236	1.36236	0.649129	1.06661	1.06661	0.232239	1.19287	1.19287	2.50273	0.785526	0.278994	1
cg24926253	SLC22A16	0.105472	0.355397	0.761562	-1.31309	0.067999	0.556758	-1.79611	0.019394	0.444889	-2.24775	0.36757	0.767061	-1.30368	0.153084	0.645081	-1.55019	0.924324	0.973145	-1.0276	0.0550859	1.86479	1.86479	0.745924	0.911056	-1.09763	0.306163	0.738184	-1.35468	2.50272	3.25393	1.1557	1
cg19436403	MORG1;MORG1;C19orf56;MORG1;MORG1	0.105472	0.530134	1.33883	1.33883	0.0147228	3.96472	3.96472	0.0195159	3.65162	3.65162	0.389949	0.667509	-1.49811	0.819816	1.11036	1.11036	0.43072	0.691418	-1.4463	0.135248	2.09331	2.09331	0.521394	1.34742	1.34742	0.912897	0.951036	-1.05149	2.50272	8.34418	2.9636	1
cg00887255	BAT2	0.105474	0.459618	1.40748	1.40748	0.519719	1.34482	1.34482	0.312212	1.60735	1.60735	0.698593	0.838078	-1.19321	0.0110941	0.235582	-4.2448	0.214693	0.552685	-1.80935	0.0640277	0.388721	-2.57254	0.623184	1.2521	1.2521	0.180281	0.524169	-1.90778	2.5027	8.16878	2.90132	1
cg22543992	HGF;HGF;HGF;HGF;HGF	0.105475	0.234651	0.639601	-1.56347	0.723318	0.880273	-1.13601	0.703624	0.871864	-1.14697	0.0971156	0.520372	-1.9217	0.0777448	0.494957	-2.02038	0.529846	0.795869	-1.25649	0.00521241	0.266483	-3.75258	0.138631	0.564441	-1.77166	0.0766284	0.493355	-2.02694	2.50269	5.10132	1.81186	1
cg02247068	ITPKA	0.105476	0.805134	0.898653	-1.11278	0.0829192	2.29342	2.29342	0.367135	0.669983	-1.49258	0.763176	1.13955	1.13955	0.0701543	0.416784	-2.39933	0.691247	1.18836	1.18836	0.0992569	2.18406	2.18406	0.0271146	3.09844	3.09844	0.260081	1.6617	1.6617	2.50267	7.40743	2.63094	1
cg04043426	VPS28;VPS28	0.105477	0.409424	0.644737	-1.55102	0.154835	2.20815	2.20815	0.811753	0.883266	-1.13216	0.118077	0.413592	-2.41784	0.0290089	0.262103	-3.81529	0.0247546	0.248907	-4.01756	0.821002	1.12513	1.12513	0.355512	1.63962	1.63962	0.64556	0.785888	-1.27245	2.50266	10.7282	3.81042	1
cg13807970	ZEB2;ZEB2;ZEB2	0.105479	0.763108	0.898909	-1.11246	0.327453	0.700191	-1.42818	0.814041	0.920283	-1.08662	0.015366	0.350353	-2.85426	0.341781	0.707971	-1.41249	0.0188441	0.366757	-2.7266	0.837563	1.07506	1.07506	0.31228	1.4456	1.4456	0.349505	1.4043	1.4043	2.50264	4.92689	1.74993	1
cg03746065	MAVS	0.105482	0.517545	0.776083	-1.28852	0.608236	1.22111	1.22111	0.778088	0.896587	-1.11534	0.310923	1.4994	1.4994	0.387191	1.40841	1.40841	0.536433	0.785155	-1.27363	0.00812914	0.270061	-3.70287	0.0371758	0.392708	-2.54642	0.998154	1.00089	1.00089	2.50261	5.91683	2.10156	1
cg15693898	PARL;PARL	0.105484	0.448596	1.10666	1.10666	0.00711157	0.633618	-1.57824	0.0291588	0.71366	-1.40123	0.839659	0.973764	-1.02694	0.348229	0.880961	-1.13512	0.333075	0.877188	-1.14001	0.757544	1.04147	1.04147	0.467804	0.907599	-1.10181	0.194457	0.835156	-1.19738	2.50259	0.682633	0.242463	1
cg15458461	RADIL	0.105485	0.625252	0.868968	-1.15079	0.990612	1.00336	1.00336	0.998717	0.999541	-1.00046	0.371446	0.769633	-1.29932	0.214305	0.688641	-1.45213	0.736361	1.10122	1.10122	0.558229	0.844561	-1.18405	0.00348145	3.09973	3.09973	0.677195	1.12688	1.12688	2.50258	3.22671	1.14609	1
cg12802310	CYP1B1	0.105486	0.0573475	3.19562	3.19562	0.0325185	3.86638	3.86638	0.339249	1.70281	1.70281	0.378293	1.62984	1.62984	0.0518702	3.30513	3.30513	0.383058	1.62153	1.62153	0.0987502	2.65979	2.65979	0.0141145	5.13937	5.13937	0.131311	2.41171	2.41171	2.50257	11.5741	4.11102	1
cg09080087	MLLT4;MLLT4;MLLT4	0.105488	0.184255	0.587241	-1.70288	0.00943722	0.28838	-3.46765	0.0176959	0.3361	-2.9753	0.375674	0.709193	-1.41005	0.702603	0.865032	-1.15603	0.301571	0.667292	-1.49859	0.651247	1.18766	1.18766	0.684194	1.16714	1.16714	0.999102	1.00043	1.00043	2.50255	5.66169	2.01099	1
cg26210187	ARHGAP20	0.105489	0.0432555	1.42669	1.42669	0.272221	1.19086	1.19086	0.743393	1.05149	1.05149	0.202554	1.22829	1.22829	0.17181	1.24897	1.24897	0.991655	0.998403	-1.0016	0.0322429	0.681616	-1.4671	0.518991	1.10508	1.10508	0.0695521	1.36375	1.36375	2.50254	0.925847	0.328856	1
cg20865806	DYNLT1	0.105491	0.722691	0.898152	-1.1134	0.029953	0.46307	-2.1595	0.583429	1.1817	1.1817	0.00624902	0.341537	-2.92794	0.352581	0.749481	-1.33426	0.0990648	0.579764	-1.72484	0.520283	0.821629	-1.21709	0.302405	0.724647	-1.37998	0.594129	0.850322	-1.17602	2.50252	3.60206	1.27944	1
cg27660388	CTBP2;CTBP2;CTBP2	0.105491	0.370297	1.35294	1.35294	0.0108518	2.86054	2.86054	0.0540701	2.05109	2.05109	0.288276	1.4365	1.4365	0.913706	0.965012	-1.03626	0.158171	1.64165	1.64165	0.427229	0.766183	-1.30517	0.0591741	2.01367	2.01367	0.205513	1.55088	1.55088	2.50252	4.27842	1.51969	1
cg19441908	ANK1;ANK1;ANK1;ANK1;ANK1	0.105491	0.0568653	0.552304	-1.8106	0.296176	0.742019	-1.34767	0.512077	0.832633	-1.20101	0.0978987	0.606433	-1.64899	0.00444696	0.351566	-2.84441	0.287621	0.737772	-1.35543	0.267794	0.727621	-1.37434	0.607534	0.867014	-1.15338	0.0963021	0.604705	-1.6537	2.50252	3.00734	1.0682	1
cg16009481	ASAH2B	0.105492	0.338584	0.731174	-1.36766	0.718673	0.891526	-1.12167	0.364106	0.743767	-1.34451	0.207231	1.52525	1.52525	0.0236115	0.424063	-2.35814	0.532019	1.22252	1.22252	0.0132356	0.377345	-2.65009	0.983066	1.00676	1.00676	0.355349	0.7395	-1.35227	2.5025	3.99302	1.41832	1
cg16318311	NTN4	0.105493	0.0736324	0.255845	-3.90861	0.0128798	0.121144	-8.25465	0.0152776	0.130563	-7.65915	0.498411	0.625143	-1.59963	0.158013	0.356392	-2.8059	0.376619	0.537855	-1.85924	0.285093	0.468166	-2.13599	0.135924	0.333414	-2.99928	0.986945	0.988879	-1.01125	2.5025	18.5177	6.57752	1
cg27273310	EBF3	0.105493	0.41035	2.0928	2.0928	0.865813	0.862127	-1.15992	0.649562	0.669479	-1.4937	0.0248954	10.3982	10.3982	0.159393	3.7398	3.7398	0.196373	3.31446	3.31446	0.946189	0.94251	-1.061	0.0154791	13.5356	13.5356	0.0610054	6.37346	6.37346	2.50249	30.496	10.8322	1
cg08314543	MYH10	0.105494	0.108122	4.37519	4.37519	0.00998328	15.474	15.474	0.0138214	12.9596	12.9596	0.273441	2.6107	2.6107	0.94957	1.0547	1.0547	0.211879	3.02608	3.02608	0.272425	2.61645	2.61645	0.642366	1.48256	1.48256	0.22504	2.92388	2.92388	2.50249	28.0973	9.98022	1
cg18432924	ARF6	0.105496	0.444981	1.08657	1.08657	0.798249	1.02769	1.02769	0.431652	1.08935	1.08935	0.067244	1.24444	1.24444	0.626771	0.949089	-1.05364	0.607864	1.05674	1.05674	0.00664454	0.686886	-1.45585	0.804247	1.02683	1.02683	0.426114	1.09052	1.09052	2.50247	0.450616	0.160061	1
cg12042952	AFF3;AFF3	0.105497	0.0378574	0.382324	-2.61559	0.336839	0.673404	-1.48499	0.767844	0.888514	-1.12547	0.26019	0.625646	-1.59835	0.0144669	0.30021	-3.331	0.0871223	0.470327	-2.12618	0.021175	0.330676	-3.0241	0.527009	0.774191	-1.29167	0.210337	0.590318	-1.694	2.50246	6.3195	2.24472	1
cg21395120	SGOL1;SGOL1;SGOL1;SGOL1;SGOL1	0.105498	0.0997175	0.595399	-1.67955	0.634604	1.14752	1.14752	0.104619	1.66498	1.66498	0.764951	1.09	1.09	0.848269	0.946436	-1.0566	0.133508	1.59226	1.59226	0.0416278	0.509113	-1.9642	0.972448	1.00998	1.00998	0.0617471	0.546239	-1.8307	2.50245	3.27388	1.16291	1
cg20750843	CRKL	0.105498	0.308993	1.66196	1.66196	0.625823	0.790704	-1.2647	0.817909	1.11624	1.11624	0.178339	2.00709	2.00709	0.0305819	3.62017	3.62017	0.513627	1.37336	1.37336	0.017943	0.228576	-4.37491	0.479435	1.41148	1.41148	0.847456	0.912276	-1.09616	2.87945	9.86273	2.28348	1
cg25265764	DLGAP2	0.105499	0.0632418	0.340931	-2.93315	0.053293	0.322753	-3.09835	0.663791	1.25268	1.25268	0.893138	1.07168	1.07168	0.0457685	0.307417	-3.25291	0.145192	2.23846	2.23846	0.146429	2.23214	2.23214	0.702886	0.820862	-1.21823	0.912359	0.944867	-1.05835	2.50244	10.5155	3.73521	1
cg06166341	CTBP1;CTBP1	0.1055	0.855121	0.956963	-1.04497	0.242719	1.34211	1.34211	0.180478	1.40816	1.40816	0.0651952	1.64583	1.64583	0.908064	1.02819	1.02819	0.0295249	0.539667	-1.853	0.132836	0.676851	-1.47743	0.251115	1.33455	1.33455	0.447028	0.829835	-1.20506	2.50242	2.2958	0.815493	1
cg23867721	KCNG2	0.105502	0.0277995	0.267759	-3.73471	0.105259	0.407845	-2.45191	0.261501	0.552478	-1.81003	0.303198	0.582516	-1.71669	0.00969382	0.190475	-5.25002	0.641391	0.788453	-1.26831	0.0997694	0.40091	-2.49433	0.214177	0.515463	-1.94	0.0716973	0.360965	-2.77035	2.50241	10.1762	3.61472	1
cg01897562	CXCL3	0.105502	0.920992	1.0139	1.0139	0.446039	0.897561	-1.11413	0.0378359	0.715291	-1.39803	0.837915	0.971904	-1.02891	0.572036	1.08269	1.08269	0.10018	1.28481	1.28481	0.578724	0.924929	-1.08116	0.0328755	1.41515	1.41515	0.117923	1.26646	1.26646	2.5024	0.767217	0.272526	1
cg20738202	C11orf58;C11orf58	0.105504	?	?	?	0.0430712	0.132179	-7.56548	0.933962	1.04147	1.04147	0.616861	1.29002	1.29002	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	8.63983	7.6253	0.588384	1
cg02445447	FHL2;FHL2;FHL2;FHL2;FHL2;FHL2	0.105504	0.0229107	11.7095	11.7095	0.881715	1.14408	1.14408	0.922257	1.09225	1.09225	0.677425	0.685116	-1.45961	0.51847	0.553349	-1.80718	0.458844	0.505679	-1.97754	0.632428	0.646854	-1.54594	0.00885606	20.3263	20.3263	0.963104	1.0427	1.0427	2.50238	32.3878	11.5047	1
cg04170853	CCNF	0.105505	0.418864	1.18018	1.18018	0.00547065	2.08072	2.08072	0.181351	1.32921	1.32921	0.329474	1.22365	1.22365	0.103263	1.42961	1.42961	0.748869	1.06654	1.06654	0.179962	1.33056	1.33056	0.268298	1.26017	1.26017	0.26115	0.790548	-1.26495	2.50238	1.59412	0.56626	1
cg07910529	MAD1L1;MAD1L1;MAD1L1	0.105508	0.0408135	0.406315	-2.46114	0.0118085	0.301411	-3.31773	0.102426	0.505752	-1.97725	0.155937	0.560443	-1.7843	0.0368299	0.396539	-2.52182	0.211652	0.60538	-1.65186	0.914269	0.959756	-1.04193	0.16985	0.572517	-1.74667	0.305045	0.66689	-1.4995	2.50234	5.76618	2.04828	1
cg16508714	PIK3AP1	0.105509	0.163087	0.554586	-1.80315	0.0585608	0.429046	-2.33075	0.803991	1.10348	1.10348	0.987325	1.00631	1.00631	0.0694454	0.447452	-2.23488	0.410867	1.39515	1.39515	0.0114821	0.285869	-3.49811	0.722025	1.15195	1.15195	0.289351	0.646935	-1.54575	2.50233	6.21452	2.20755	1
cg23280294	RERE;RERE	0.105511	0.0600975	0.501248	-1.99502	0.393684	1.32914	1.32914	0.80915	1.08199	1.08199	0.397211	1.32619	1.32619	0.0263343	0.424063	-2.35814	0.173951	1.60167	1.60167	0.307409	1.41069	1.41069	0.923596	0.969243	-1.03173	0.108707	0.565666	-1.76783	2.50231	4.20297	1.49301	1
cg11090211	ARL5C	0.105512	0.186875	0.254653	-3.92691	0.017647	0.0594739	-16.8141	0.130238	0.202327	-4.9425	0.309678	0.357786	-2.79497	0.112693	5.40948	5.40948	0.249911	0.308643	-3.23999	0.238235	0.298858	-3.34607	0.165338	0.235332	-4.24932	0.0845795	0.154885	-6.45638	2.50231	37.8816	13.4566	1
cg05179921	CD69	0.105513	0.172566	0.600657	-1.66484	0.315706	1.43943	1.43943	0.176596	0.603873	-1.65598	0.225189	0.63937	-1.56404	0.0147183	0.348473	-2.86967	0.0336395	0.418418	-2.38996	0.71979	0.881185	-1.13484	0.634482	1.18314	1.18314	0.169186	0.597923	-1.67246	2.50229	4.886	1.73565	1
cg19909895	RPN1	0.105515	0.172877	1.19684	1.19684	0.0551199	0.763856	-1.30915	0.701702	1.04883	1.04883	0.813518	1.02971	1.02971	0.401127	0.899011	-1.11233	0.26561	0.866141	-1.15455	0.255505	0.863248	-1.15842	0.0869732	0.791244	-1.26383	0.0433803	1.33349	1.33349	2.50227	0.608161	0.216039	1
cg08968896	DCTD;DCTD	0.105516	0.535236	0.884495	-1.13059	0.0477513	0.642444	-1.55656	0.172744	0.753042	-1.32795	0.296042	0.809126	-1.2359	0.725162	1.07143	1.07143	0.483538	0.87007	-1.14933	0.127105	0.724322	-1.3806	0.373309	0.8364	-1.1956	0.00461142	0.478582	-2.08951	2.50226	1.51423	0.537907	1
cg08864245	SYNGAP1	0.10552	0.903801	0.94342	-1.05997	0.316312	0.607107	-1.64716	0.977538	0.986529	-1.01365	0.592723	1.29704	1.29704	0.441464	1.45951	1.45951	0.0678892	0.373413	-2.678	0.00693421	0.18581	-5.38184	0.0793924	0.391403	-2.55491	0.81658	0.894116	-1.11842	2.50222	9.19583	3.26673	1
cg21604320	MGST2	0.105523	0.245837	0.355565	-2.81242	0.128502	4.05398	4.05398	0.909088	0.907269	-1.10221	0.159503	0.277843	-3.59916	0.274691	0.379748	-2.63332	0.242012	0.352309	-2.83842	0.46031	0.527073	-1.89727	0.940289	1.0659	1.0659	0.0136404	13.4553	13.4553	2.50219	28.7629	10.2178	1
cg09370756	FAHD1;HAGH;FAHD1;FAHD1;HAGH	0.105526	0.855866	0.980622	-1.01976	0.756245	0.967045	-1.03408	0.0182547	0.734658	-1.36118	0.727168	1.03842	1.03842	0.246458	0.877711	-1.13933	0.0462081	0.782072	-1.27866	0.072615	1.24056	1.24056	0.805253	0.973765	-1.02694	0.192181	0.861942	-1.16017	2.50216	0.458986	0.163054	1
cg06534061	ARGLU1	0.105528	0.33686	1.20996	1.20996	0.735604	0.936847	-1.06741	0.787344	1.05342	1.05342	0.814351	0.955734	-1.04632	0.706376	1.07557	1.07557	0.00490841	0.488012	-2.04913	0.260095	1.25371	1.25371	0.994426	0.998656	-1.00135	0.148605	1.34744	1.34744	2.50214	1.46815	0.521562	1
cg16715662	CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.105529	0.259439	0.830632	-1.2039	0.0258616	0.658818	-1.51787	0.122787	0.768172	-1.30179	0.498073	1.1146	1.1146	0.673219	0.935281	-1.0692	0.972113	0.994501	-1.00553	0.0302691	1.49449	1.49449	0.753295	0.951483	-1.05099	0.221026	0.816339	-1.22498	2.50213	0.985955	0.350263	1
cg24130287	HCN4	0.105529	0.0526324	0.255448	-3.91469	0.548666	0.686657	-1.45633	0.33659	0.541334	-1.84729	0.225867	0.454852	-2.19852	0.0157293	0.159861	-6.25542	0.135423	0.369044	-2.7097	0.0160144	0.161	-6.21118	0.12778	0.360618	-2.77302	0.166194	0.400703	-2.49561	2.50212	15.2051	5.40169	1
cg27077228	TMEM134;TMEM134;TMEM134	0.10553	0.223823	1.11216	1.11216	0.186926	0.890156	-1.1234	0.0636659	1.18937	1.18937	0.0297063	1.2372	1.2372	0.974759	1.00264	1.00264	0.112483	1.15456	1.15456	0.946146	0.994397	-1.00563	0.128169	0.872147	-1.1466	0.97237	0.997123	-1.00289	2.50212	0.274177	0.0974025	1
cg02099313	TTC13;ARV1;TTC13	0.10553	0.852751	1.02651	1.02651	0.013681	1.53624	1.53624	0.176074	1.22451	1.22451	0.628665	0.933686	-1.07102	0.0324649	1.42263	1.42263	0.384474	0.882008	-1.13378	0.59494	0.927225	-1.07849	0.405348	0.887033	-1.12735	0.349031	1.14539	1.14539	2.50211	0.78564	0.279103	1
cg16419034	LRRC57	0.105531	0.437226	1.18279	1.18279	0.725551	1.07752	1.07752	0.402807	0.834134	-1.19885	0.72348	0.927512	-1.07815	0.0661873	0.646282	-1.54731	0.0575074	1.57623	1.57623	0.0184792	1.83175	1.83175	0.264607	1.27927	1.27927	0.733304	1.07514	1.07514	2.50211	1.77809	0.631678	1
cg23888375	ALS2CR8;WDR12;ALS2CR8;WDR12	0.105533	0.328533	1.23598	1.23598	0.0332999	0.592966	-1.68644	0.929342	0.981541	-1.01881	0.289917	1.25955	1.25955	0.516783	1.14808	1.14808	0.717132	1.07943	1.07943	0.0234736	1.76574	1.76574	0.12119	0.702562	-1.42336	0.743459	1.07143	1.07143	2.50208	1.7489	0.621314	1
cg08493590	SUPT3H	0.105534	0.186957	0.574099	-1.74186	0.673726	0.845346	-1.18295	0.0287364	0.359351	-2.78279	0.130641	0.523287	-1.911	0.0076911	0.256969	-3.89152	0.149469	0.541628	-1.84629	0.720433	0.867123	-1.15324	0.933114	1.03386	1.03386	0.139162	0.531791	-1.88044	2.50208	6.23741	2.2159	1
cg22078572	KDSR	0.105538	0.116183	0.822221	-1.21622	0.0287141	1.34423	1.34423	0.0364456	1.32151	1.32151	0.971252	0.995877	-1.00414	0.747361	1.03775	1.03775	0.696667	0.956079	-1.04594	0.762306	0.965819	-1.03539	0.664038	1.05138	1.05138	0.0558612	1.28192	1.28192	2.50203	0.520897	0.185057	1
cg14017655	EYA4;EYA4;EYA4	0.105538	0.137842	0.698378	-1.43189	0.959036	0.988526	-1.01161	0.198995	0.737179	-1.35652	0.068344	0.63223	-1.5817	0.133423	0.695097	-1.43865	0.0231437	0.543323	-1.84053	0.277488	1.28884	1.28884	0.374816	1.2271	1.2271	0.407074	1.2099	1.2099	2.50203	2.0002	0.710606	1
cg15550654	MTMR3;MTMR3;MTMR3	0.105539	0.253943	0.871257	-1.14777	0.142718	0.833389	-1.19992	0.0265041	0.737655	-1.35565	0.176404	0.846823	-1.18088	0.191874	0.852296	-1.1733	0.00538124	0.654467	-1.52796	0.535637	0.930004	-1.07526	0.730419	0.960776	-1.04083	0.377707	0.900587	-1.11039	2.50202	0.530315	0.188404	1
cg21867345	ZNF167;ZNF167	0.105544	0.538156	1.14778	1.14778	0.0232536	1.82168	1.82168	0.324449	1.25234	1.25234	0.351421	1.23622	1.23622	0.836786	1.04667	1.04667	0.182718	0.731495	-1.36706	0.323545	1.2529	1.2529	0.0373752	1.70608	1.70608	0.0359579	1.71517	1.71517	2.50197	1.93749	0.688344	1
cg25035376	KIF5A	0.105546	0.986417	1.00914	1.00914	0.052575	3.24942	3.24942	0.0138535	5.08449	5.08449	0.193407	2.08738	2.08738	0.0878137	0.365135	-2.73871	0.784865	0.863881	-1.15757	0.885938	1.07977	1.07977	0.641296	1.28517	1.28517	0.579078	0.741089	-1.34937	2.50195	11.3302	4.02537	1
cg26311099	ESPNP	0.105547	0.281812	0.780945	-1.2805	0.568041	0.880235	-1.13606	0.0282152	0.563953	-1.7732	0.595128	0.888194	-1.12588	0.820163	1.05162	1.05162	0.529804	1.15108	1.15108	0.0171025	1.90126	1.90126	0.193429	0.737707	-1.35555	0.904499	0.973816	-1.02689	2.50194	1.93634	0.687942	1
cg16634901	KIRREL3;KIRREL3	0.105547	0.130892	0.477873	-2.09261	0.0170351	0.267957	-3.73194	0.0185586	0.274636	-3.64119	0.64898	0.81265	-1.23054	0.505166	1.35813	1.35813	0.186459	0.530452	-1.88519	0.128334	0.475143	-2.10463	0.165814	0.512198	-1.95237	0.902152	0.945842	-1.05726	2.50194	8.12055	2.88506	1
cg10299838	ST5;ST5;ST5	0.105548	0.563181	0.888136	-1.12595	0.0869882	0.681399	-1.46757	0.57007	0.890032	-1.12355	0.621242	1.10637	1.10637	0.00763531	0.49852	-2.00594	0.142319	0.726058	-1.3773	0.147082	1.37136	1.37136	0.930951	0.982564	-1.01775	0.893279	0.973125	-1.02762	2.50193	1.6323	0.579927	1
cg06626033	SORCS2	0.10555	0.322236	0.635584	-1.57336	0.487351	0.731433	-1.36718	0.676088	0.830081	-1.2047	0.177055	1.88876	1.88876	0.0791101	0.421455	-2.37273	0.423095	1.43712	1.43712	0.00796033	0.221381	-4.51709	0.433038	0.701456	-1.42561	0.605703	1.2596	1.2596	2.50191	7.78379	2.76546	1
cg18303397	IFT122;IFT122;MBD4;IFT122;IFT122	0.10555	0.104714	0.27329	-3.65912	0.810586	1.19202	1.19202	0.14571	3.13529	3.13529	0.434516	0.558035	-1.792	0.0404069	0.176956	-5.65113	0.276285	0.436725	-2.28977	0.0266784	0.146434	-6.82902	0.13232	0.304777	-3.28109	0.21575	0.385537	-2.59378	2.50191	21.2061	7.5342	1
cg00114618	ADAMTS6	0.105554	0.609045	1.11622	1.11622	0.0591812	0.635037	-1.57471	0.0653306	0.643414	-1.55421	0.219866	1.31649	1.31649	0.701903	1.08542	1.08542	0.33614	1.23539	1.23539	0.0445051	1.63525	1.63525	0.431762	0.842804	-1.18652	0.289233	0.790984	-1.26425	2.50187	1.80014	0.639571	1
cg27597110	SUPT4H1	0.105555	0.178056	0.818406	-1.22189	0.867778	1.02361	1.02361	0.0245011	1.45531	1.45531	0.831371	0.97058	-1.03031	0.214247	1.20094	1.20094	0.660828	0.940044	-1.06378	0.0314878	0.702405	-1.42368	0.710108	1.05368	1.05368	0.257554	1.17993	1.17993	2.50186	0.776995	0.276059	1
cg06813260	TRAF3;TRAF3;TRAF3	0.105557	0.18347	0.683784	-1.46245	0.529437	1.18719	1.18719	0.345401	0.769711	-1.29919	0.977549	1.00761	1.00761	0.312158	0.75457	-1.32526	0.160764	1.49707	1.49707	0.00980772	2.40935	2.40935	0.145607	1.52325	1.52325	0.875934	1.04298	1.04298	2.50183	2.87447	1.02128	1
cg17048834	TRIM31	0.10556	0.0575782	0.241183	-4.14623	0.454901	0.604052	-1.65549	0.0792836	0.275213	-3.63355	0.673822	0.755502	-1.32362	0.00807901	0.105749	-9.45637	0.0800859	0.276363	-3.61843	0.0686006	0.259232	-3.85755	0.172728	0.382497	-2.6144	0.526284	0.653604	-1.52998	2.50181	17.3795	6.1749	1
cg00641127	RING1	0.10556	0.100552	0.741276	-1.34903	0.500938	1.1204	1.1204	0.267937	1.21174	1.21174	0.557104	1.10388	1.10388	0.0955656	0.73733	-1.35624	0.08013	0.723889	-1.38143	0.0419904	1.47701	1.47701	0.292101	0.833669	-1.19952	0.730605	0.944099	-1.05921	2.50181	1.09749	0.389937	1
cg22346959	SOX13	0.105562	0.164891	0.630283	-1.58659	0.604629	0.849821	-1.17672	0.589718	0.843994	-1.18484	0.336974	0.734607	-1.36127	0.0305425	0.453008	-2.20747	0.0305656	0.453074	-2.20714	0.62631	0.85823	-1.16519	0.0679668	1.89059	1.89059	0.18983	0.648793	-1.54132	2.50178	3.846	1.36649	1
cg00968270	ZCCHC14	0.105563	0.890358	0.904095	-1.10608	0.0480961	5.21426	5.21426	0.323	2.10899	2.10899	0.365061	1.97449	1.97449	0.043956	0.184104	-5.4317	0.20513	0.376356	-2.65706	0.283097	0.442534	-2.25972	0.247052	2.42235	2.42235	0.164286	0.337988	-2.95868	2.50178	21.1713	7.52224	1
cg27377863	TPM4;TPM4	0.105565	0.797266	0.923716	-1.08258	0.0250142	0.439576	-2.27492	0.103222	0.577302	-1.7322	0.636685	1.15796	1.15796	0.774918	1.0924	1.0924	0.707369	0.890259	-1.12327	0.00811272	0.351753	-2.8429	0.982301	0.993185	-1.00686	0.34172	0.739354	-1.35253	2.50176	3.76473	1.33763	1
cg06400857	ABCA2;ABCA2	0.105567	0.063245	0.463256	-2.15863	0.444978	0.750659	-1.33216	0.31561	0.682367	-1.46549	0.0984693	0.513013	-1.94927	0.0265112	0.379554	-2.63467	0.0399822	0.417111	-2.39744	0.0752752	0.482147	-2.07406	0.0391196	0.415033	-2.40944	0.919246	1.03806	1.03806	2.50173	5.37557	1.90999	1
cg14192430	DDX50	0.10557	0.508079	0.694282	-1.44034	0.0152602	0.198095	-5.04808	0.024266	0.232368	-4.30352	0.208179	0.486212	-2.05672	0.109678	0.387634	-2.57975	0.682351	0.79962	-1.25059	0.5995	1.3337	1.3337	?	?	?	0.174512	0.456167	-2.19218	2.52826	10.5113	4.15752	1
cg19866195	CCNA1;CCNA1	0.105571	0.448292	0.844503	-1.18413	0.331915	1.24473	1.24473	0.265547	1.28884	1.28884	0.537141	0.87226	-1.14645	0.00778856	0.473686	-2.1111	0.217629	0.753026	-1.32798	0.0931522	0.667678	-1.49773	0.503212	1.16019	1.16019	0.852893	0.960217	-1.04143	2.50169	1.8951	0.673357	1
cg15186969	ADARB2	0.105573	0.0174077	0.21033	-4.75444	0.671664	1.25807	1.25807	0.191123	0.474574	-2.10715	0.383608	0.618113	-1.61783	0.0154304	0.201807	-4.95522	0.101739	0.381109	-2.62392	0.0757389	0.344927	-2.89916	0.352506	0.597392	-1.67394	0.474728	0.676082	-1.47911	2.50167	11.4886	4.08211	1
cg17057965	FBXO28;FBXO28	0.105574	0.674569	0.94954	-1.05314	0.482352	0.916177	-1.09149	0.588238	1.06932	1.06932	0.525971	0.924236	-1.08198	0.115276	0.810632	-1.23361	0.111631	1.2367	1.2367	0.0202109	0.70936	-1.40972	0.0966588	1.25058	1.25058	0.433458	1.10296	1.10296	2.50166	0.595611	0.211632	1
cg21223681	LOC154449	0.105574	0.646712	1.08687	1.08687	0.200972	0.783645	-1.27609	0.359912	0.843739	-1.1852	0.845181	0.965325	-1.03592	0.00226523	0.462525	-2.16205	0.671291	0.925839	-1.0801	0.82462	0.960728	-1.04088	0.835568	1.03823	1.03823	0.388096	0.852418	-1.17313	2.50166	1.29102	0.458724	1
cg04846715	CD81;CD81	0.105575	0.796227	0.905632	-1.1042	0.202432	1.67443	1.67443	0.555553	1.25655	1.25655	0.632941	0.831685	-1.20238	0.49041	0.764656	-1.30778	0.698281	1.16091	1.16091	0.00429292	0.231559	-4.31855	0.603038	0.817943	-1.22258	0.263769	1.56238	1.56238	2.50165	5.813	2.06548	1
cg19502709	KCNIP1;KCNMB1	0.105577	0.00922449	0.119369	-8.37735	0.743403	1.23523	1.23523	0.250531	0.461996	-2.16452	0.598523	0.710556	-1.40735	0.0258855	0.182482	-5.47999	0.124165	0.34275	-2.91758	0.5972	0.709662	-1.40912	0.88991	1.09316	1.09316	0.103525	0.318205	-3.14262	2.50163	16.3874	5.82282	1
cg09149648	MMP9	0.105577	0.265952	0.553283	-1.80739	0.598382	0.762308	-1.31181	0.273001	0.558483	-1.79056	0.578052	0.750579	-1.3323	0.254502	0.544697	-1.83588	0.273138	0.558583	-1.79024	0.0215762	0.244383	-4.09193	0.0237658	3.96681	3.96681	0.470441	0.687348	-1.45487	2.50163	10.3299	3.67045	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07965714	XPA;XPA	0.105578	0.0268547	0.524071	-1.90814	0.562545	1.1552	1.1552	0.508836	1.17957	1.17957	0.375146	1.25145	1.25145	0.20732	0.720596	-1.38774	0.283704	0.759986	-1.31581	0.0161438	0.484183	-2.06534	0.201983	0.717495	-1.39374	0.915001	0.974034	-1.02666	2.50162	2.40588	0.854873	1
cg26192503	SDK1	0.10558	0.284907	1.42871	1.42871	0.430619	0.772299	-1.29484	0.205134	0.650906	-1.53632	0.106419	1.76168	1.76168	0.103932	0.564917	-1.77017	0.845289	1.06476	1.06476	0.0143159	2.63805	2.63805	0.575427	1.19932	1.19932	0.683185	1.14088	1.14088	2.5016	4.0874	1.45237	1
cg26725076	EP400NL	0.105581	0.0276149	0.214738	-4.65683	0.878972	1.09417	1.09417	0.810218	1.15269	1.15269	0.829926	1.13547	1.13547	0.0676771	0.298508	-3.35	0.191923	0.442252	-2.26115	0.0335219	0.230646	-4.33565	0.0490106	0.265158	-3.77133	0.146294	0.398096	-2.51196	2.50159	13.8211	4.91105	1
cg08314240	GOSR1;GOSR1;GOSR1	0.105584	0.689949	1.08042	1.08042	0.105883	1.40594	1.40594	0.697167	0.927337	-1.07836	0.547047	0.889091	-1.12474	0.0893029	0.696689	-1.43536	0.268556	1.24894	1.24894	0.0158504	1.76832	1.76832	0.276203	1.2442	1.2442	0.31924	0.819909	-1.21965	2.50155	1.47429	0.523868	1
cg06969933	BANP;BANP	0.105589	0.105785	0.356183	-2.80755	0.496046	0.667748	-1.49757	0.0605653	0.290448	-3.44296	0.929397	1.05314	1.05314	0.00363586	0.100365	-9.96364	0.241679	0.488684	-2.04631	0.55542	0.705761	-1.41691	0.405861	0.608436	-1.64356	0.32459	0.551907	-1.8119	2.50151	13.5252	4.80605	1
cg01880648	FASLG	0.10559	0.288781	0.526831	-1.89814	0.101094	0.351716	-2.8432	0.21037	0.463867	-2.15579	0.824701	0.878878	-1.13781	0.0109779	0.156089	-6.40659	0.247054	0.494406	-2.02263	0.291325	1.89127	1.89127	0.0494688	0.271275	-3.68629	0.74022	1.21367	1.21367	2.50149	13.4187	4.76823	1
cg04403809	SLC12A5;SLC12A5	0.105594	0.0838596	3.96141	3.96141	0.10052	3.64192	3.64192	0.20702	2.58649	2.58649	0.171694	2.83098	2.83098	?	?	?	0.0448128	5.29706	5.29706	0.129262	3.23838	3.23838	0.0160664	8.63302	8.63302	0.0576235	4.71309	4.71309	2.68225	18.5459	6.05002	1
cg20194689	COL23A1	0.105595	0.047867	4.97962	4.97962	0.0437908	5.1788	5.1788	0.258581	2.30833	2.30833	0.175377	2.78062	2.78062	0.103105	3.54433	3.54433	0.307374	2.11672	2.11672	0.618258	0.700108	-1.42835	0.0230481	6.88139	6.88139	0.0556622	4.6593	4.6593	2.50145	19.9522	7.09	1
cg16414762	CAMTA1	0.105596	0.545362	1.12398	1.12398	0.351843	1.20077	1.20077	0.104815	1.40285	1.40285	0.935291	0.984613	-1.01563	0.0115534	0.54711	-1.82779	0.987892	1.0029	1.0029	0.0646019	0.672732	-1.48648	0.387652	0.844434	-1.18423	0.853763	0.965379	-1.03586	2.50144	1.44471	0.513378	1
cg02224138	ADARB2	0.105596	0.00823457	0.475321	-2.10384	0.0990663	1.48875	1.48875	0.451487	0.84466	-1.18391	0.956955	1.01195	1.01195	0.381136	0.820628	-1.21858	0.432488	1.19278	1.19278	0.335308	1.2444	1.2444	0.332189	0.802394	-1.24627	0.346369	0.807831	-1.23788	2.50143	1.91863	0.681788	1
cg21172159	L3MBTL3;L3MBTL3	0.105598	0.0834764	0.864832	-1.15629	0.483862	0.947499	-1.05541	0.128068	0.882764	-1.13281	0.168027	1.1178	1.1178	0.255326	0.913917	-1.09419	0.278222	0.918086	-1.08922	0.0601706	1.17433	1.17433	0.152367	1.12323	1.12323	0.487443	1.05493	1.05493	2.50141	0.227612	0.0808832	1
cg12977135	EXT1	0.105599	0.158865	0.426212	-2.34625	0.089844	0.346841	-2.88316	0.769813	1.18078	1.18078	0.839226	1.12192	1.12192	0.009764	0.157141	-6.3637	0.456872	1.53588	1.53588	0.502837	0.680385	-1.46976	0.232699	0.49227	-2.03141	0.0514656	0.284903	-3.50996	2.5014	12.7058	4.5151	1
cg08801887	TCIRG1;TCIRG1	0.1056	0.229855	0.494592	-2.02187	0.298441	1.82627	1.82627	0.718096	1.22457	1.22457	0.433911	0.640055	-1.56237	0.0200903	0.20863	-4.79318	0.407289	0.622698	-1.60591	0.010735	0.166707	-5.99855	0.543596	0.70925	-1.40994	0.410021	0.624493	-1.6013	2.50139	12.3711	4.39616	1
cg20433829	TPRG1L	0.1056	0.443008	0.892435	-1.12053	0.447931	0.893571	-1.11911	0.634253	1.07222	1.07222	0.053003	1.37703	1.37703	0.701523	1.05763	1.05763	0.912668	0.984164	-1.01609	0.00487194	1.72125	1.72125	0.615584	1.07644	1.07644	0.391937	1.13612	1.13612	2.50139	0.838663	0.298026	1
cg03003060	GPM6B	0.105602	0.581145	1.16223	1.16223	0.785603	0.929076	-1.07634	0.00619407	2.61966	2.61966	0.356571	1.29153	1.29153	0.0983777	0.613208	-1.63077	0.342739	0.768187	-1.30177	0.520341	0.838784	-1.1922	0.907	1.03203	1.03203	0.547362	0.848503	-1.17855	2.50137	2.88369	1.02475	1
cg13711592	MOBKL2B	0.105603	0.530149	0.83566	-1.19666	0.166838	0.659626	-1.51601	0.378067	0.774671	-1.29087	0.815644	1.06815	1.06815	0.122645	1.60358	1.60358	0.242208	1.41275	1.41275	0.00732467	2.65389	2.65389	0.794674	1.07641	1.07641	0.882742	0.959191	-1.04254	2.50137	3.15724	1.12196	1
cg05849857	FREM2;FREM2	0.105605	0.130164	1.37872	1.37872	0.00815576	1.94492	1.94492	0.127997	1.38163	1.38163	0.956768	1.01071	1.01071	0.305967	1.2315	1.2315	0.248395	0.788954	-1.2675	0.678732	1.08527	1.08527	0.22691	1.28304	1.28304	0.0884232	1.44671	1.44671	2.50135	1.52899	0.543347	1
cg00365680	MRPL32;PSMA2	0.105605	0.688893	1.07949	1.07949	0.0176075	1.73135	1.73135	0.0242421	1.66618	1.66618	0.248539	0.79513	-1.25766	0.298541	0.814815	-1.22727	0.353866	1.19876	1.19876	0.9793	0.995081	-1.00494	0.19682	1.29608	1.29608	0.870467	1.0315	1.0315	2.50134	1.431	0.508525	1
cg06411129	GALNT9	0.105607	0.124302	0.254755	-3.92534	0.540038	0.600657	-1.66484	0.649061	0.686293	-1.4571	0.913359	0.914453	-1.09355	0.0243422	0.110244	-9.07082	0.0814454	0.204559	-4.88857	0.0130749	0.0797061	-12.5461	0.58766	1.56807	1.56807	0.154321	0.285679	-3.50043	2.50132	26.7464	9.50482	1
cg10425245	SLIT3	0.10561	0.0508643	0.274487	-3.64316	0.0907145	0.33851	-2.95412	0.0385271	0.248295	-4.02746	0.105511	0.357782	-2.795	0.189162	0.445544	-2.24445	0.21628	0.469415	-2.13031	0.0161443	0.180748	-5.53257	0.0922337	0.34057	-2.93625	0.114418	0.368632	-2.71273	2.50129	13.382	4.75559	1
cg26046121	TRPC5	0.10561	0.93953	0.972547	-1.02823	0.0710683	0.477196	-2.09558	0.027664	0.384732	-2.59922	0.12359	0.542291	-1.84403	0.0178337	0.347614	-2.87675	0.861517	1.06616	1.06616	0.642509	1.1871	1.1871	0.732465	1.13417	1.13417	0.192801	0.603078	-1.65816	2.50129	5.3328	1.89513	1
cg03040279	UAP1L1	0.105612	0.0984984	0.800014	-1.24998	0.755336	1.03924	1.03924	0.833038	1.02634	1.02634	0.132733	1.22111	1.22111	0.369447	1.1202	1.1202	0.103918	1.24478	1.24478	0.111318	0.807676	-1.23812	0.0792109	0.786649	-1.27122	0.164655	1.20029	1.20029	2.50126	0.600748	0.213491	1
cg19251738	DCP1B	0.105614	0.0990559	0.874784	-1.14314	0.173145	0.898317	-1.11319	0.166145	0.896518	-1.11543	0.171607	0.897927	-1.11368	0.307043	0.924754	-1.08137	0.751839	1.02375	1.02375	0.0218597	1.22573	1.22573	0.626961	1.0369	1.0369	0.212365	0.907398	-1.10205	2.50125	0.216803	0.077047	1
cg08842232	KIAA1486	0.105615	0.188644	0.330042	-3.02992	0.462699	0.551569	-1.81301	0.97813	0.978419	-1.02206	0.712567	0.744899	-1.34246	0.0914781	0.227839	-4.38907	0.0562449	0.178941	-5.58843	0.0187999	0.103777	-9.63606	0.0140207	0.0894289	-11.1821	0.335743	0.453836	-2.20344	2.50124	25.0933	8.91764	1
cg22336491	NCOR2;NCOR2	0.105621	0.774579	0.939177	-1.06476	0.142663	1.41107	1.41107	0.00900933	2.06606	2.06606	0.0252654	1.78847	1.78847	0.617287	0.895748	-1.11639	0.431237	1.19191	1.19191	0.987697	0.996636	-1.00338	0.57016	0.882139	-1.13361	0.708196	1.08564	1.08564	2.50117	1.89182	0.672332	1
cg03324175	CYBASC3;CYBASC3;CYBASC3	0.105624	0.16857	0.626387	-1.59646	0.573543	0.834156	-1.19882	0.0677997	0.520849	-1.91994	0.425857	0.771615	-1.29598	0.0212456	0.413554	-2.41806	0.0388555	0.466455	-2.14383	0.215496	1.51539	1.51539	0.637538	0.859576	-1.16336	0.106599	0.570183	-1.75382	2.50114	4.02725	1.43126	1
cg01150982	MRAP;MRAP	0.105626	0.362196	0.735672	-1.3593	0.0456007	0.471748	-2.11978	0.0627395	0.503411	-1.98645	0.210099	0.648627	-1.54172	0.00667638	0.315544	-3.16913	0.324678	0.716513	-1.39565	0.725823	0.89101	-1.12232	0.289019	0.697161	-1.43439	0.0775274	0.525655	-1.90239	2.50112	4.25545	1.51237	1
cg24782087	11-Sep	0.105627	0.614528	1.18868	1.18868	0.0679982	2.00511	2.00511	0.122078	1.76894	1.76894	0.266225	0.674148	-1.48335	0.127767	1.75149	1.75149	0.0340234	0.430767	-2.32144	?	?	?	0.868948	1.05782	1.05782	0.792886	1.0937	1.0937	2.52766	4.12256	1.63098	1
cg15936676	GPN3;C12orf24;GPN3;GPN3	0.105627	0.659526	1.15351	1.15351	0.226125	1.50592	1.50592	0.0315021	2.25343	2.25343	0.983615	1.00664	1.00664	0.649094	1.159	1.159	0.080477	0.535531	-1.86731	0.10569	0.56593	-1.767	0.569302	1.20353	1.20353	0.068362	1.92958	1.92958	2.50111	4.1099	1.46065	1
cg08731435	ULK1	0.10563	0.244685	2.55925	2.55925	0.0153681	9.94388	9.94388	0.114913	3.75733	3.75733	0.796793	0.819344	-1.22049	0.374533	0.494699	-2.02143	0.668787	1.39419	1.39419	0.0670992	0.205019	-4.8776	0.967318	1.03214	1.03214	0.395592	0.510792	-1.95774	2.50108	23.6176	8.39375	1
cg01774050	PEX12	0.10563	0.676012	1.06179	1.06179	0.14044	1.25384	1.25384	0.296504	0.856929	-1.16696	0.016687	0.65913	-1.51715	0.24365	1.19007	1.19007	0.41944	0.888986	-1.12488	0.104379	1.28818	1.28818	0.543457	1.09169	1.09169	0.306772	1.16291	1.16291	2.50108	0.805979	0.286447	1
cg24003306	MRPL36	0.105632	0.0434222	4.7078	4.7078	0.0788947	0.272134	-3.67466	0.53008	1.52846	1.52846	?	?	?	?	?	?	?	?	?	0.487939	1.60001	1.60001	0.29938	0.488026	-2.04907	?	?	?	2.65668	10.3997	6.26327	1
cg06841863	ZNF322A	0.105633	0.81154	0.965033	-1.03623	0.0663151	1.35919	1.35919	0.1051	1.30197	1.30197	0.529568	0.909465	-1.09955	0.552611	1.09365	1.09365	0.964504	1.00665	1.00665	0.0209588	0.661062	-1.51272	0.189013	0.812739	-1.23041	0.292918	1.17654	1.17654	2.50105	0.879475	0.312571	1
cg13596983	COL5A1	0.105633	0.0362378	0.480799	-2.07987	0.3892	0.766918	-1.30392	0.111382	0.593624	-1.68457	0.604353	0.854534	-1.17023	0.0140089	0.401549	-2.49036	0.47735	0.804709	-1.24268	0.0723221	0.547098	-1.82783	0.0310688	0.467134	-2.14072	0.224677	0.681439	-1.46748	2.50105	3.58246	1.27323	1
cg23996121	IGSF1;IGSF1;IGSF1	0.105635	0.894374	0.957734	-1.04413	0.477342	0.790666	-1.26476	0.038508	0.458707	-2.18004	0.283305	0.696002	-1.43678	0.0104008	0.350312	-2.8546	0.500859	1.24872	1.24872	0.915089	1.03528	1.03528	0.0431143	0.469297	-2.13085	0.835611	0.93468	-1.06989	2.50103	4.18635	1.48787	1
cg24356544	OGDHL;OGDHL;OGDHL	0.105635	0.0622401	2.41592	2.41592	0.642242	0.821515	-1.21726	0.0434208	2.65399	2.65399	0.505882	0.75302	-1.32799	0.0593925	2.44566	2.44566	0.306145	1.56088	1.56088	0.296604	0.634593	-1.57581	0.939921	1.03218	1.03218	0.137672	0.510779	-1.95779	2.50103	6.99515	2.48614	1
cg15852223	FLJ45983;GATA3;GATA3;FLJ45983	0.105637	0.235741	1.51442	1.51442	0.565656	0.823688	-1.21405	0.952102	0.980136	-1.02027	0.380816	0.74063	-1.3502	0.560142	0.821368	-1.21748	0.0129006	0.356617	-2.80413	0.680031	0.870648	-1.14857	0.0372915	2.24204	2.24204	0.473266	1.27588	1.27588	2.50101	4.4191	1.5706	1
cg22612734	FLJ23834	0.10564	0.62629	1.08626	1.08626	0.313053	0.838677	-1.19235	0.002772	0.498736	-2.00507	0.62727	1.086	1.086	0.669733	0.930217	-1.07502	0.545793	0.90206	-1.10857	0.567799	1.10225	1.10225	0.405822	0.866419	-1.15418	0.637097	1.08342	1.08342	2.50098	1.12594	0.40018	1
cg00830420	ANO2	0.105646	0.80026	0.895755	-1.11638	0.00737356	4.47886	4.47886	0.716423	0.853503	-1.17164	0.683943	0.837173	-1.1945	0.33704	0.65064	-1.53695	0.270431	0.607578	-1.64588	0.0802419	0.430558	-2.32257	0.514108	1.33283	1.33283	0.616071	1.24549	1.24549	2.50092	7.46853	2.6545	1
cg22858667	WRB	0.105646	0.460607	1.12333	1.12333	0.179317	0.801857	-1.2471	0.270314	0.837201	-1.19446	0.615729	0.924646	-1.08149	0.915787	1.01651	1.01651	0.850163	0.971147	-1.02971	0.00270571	0.526523	-1.89925	0.355139	0.863072	-1.15865	0.837021	0.968616	-1.0324	2.50091	0.949282	0.337399	1
cg00859112	BCL11B;BCL11B	0.105648	0.818526	0.950144	-1.05247	0.24254	0.761728	-1.3128	0.216142	0.748524	-1.33596	0.0160097	0.518844	-1.92736	0.343801	1.24236	1.24236	0.0913459	0.66116	-1.51249	0.77735	1.06512	1.06512	0.0235204	0.547725	-1.82573	0.782295	0.94022	-1.06358	2.50089	1.96139	0.697133	1
cg04868376	CDH11	0.105648	0.0759822	0.708039	-1.41235	0.9674	0.99288	-1.00717	0.351555	0.845672	-1.18249	0.571474	0.904853	-1.10515	0.916744	1.01845	1.01845	0.073466	1.41755	1.41755	0.0154703	1.68095	1.68095	0.275332	1.21948	1.21948	0.547463	1.1123	1.1123	2.50089	1.21079	0.43035	1
cg21219373	PPP1R13L;PPP1R13L	0.105649	0.670879	1.1738	1.1738	0.0180124	2.93681	2.93681	0.0647512	2.17645	2.17645	0.812535	1.09315	1.09315	0.115054	0.526032	-1.90103	0.66764	1.1758	1.1758	0.454795	1.33032	1.33032	0.0373532	2.47399	2.47399	0.603954	1.21675	1.21675	2.50088	5.56694	1.97866	1
cg24607575	BARD1	0.105649	0.487952	1.2588	1.2588	0.393138	0.751467	-1.33073	0.285615	0.696115	-1.43654	0.291331	0.699318	-1.42996	0.019877	0.399217	-2.5049	0.636118	1.16845	1.16845	0.0574971	2.01719	2.01719	0.159459	1.63408	1.63408	0.483313	0.792393	-1.262	2.50088	4.22581	1.50198	1
cg00540353	BAT2L2;BAT2L2	0.105649	0.263106	0.701278	-1.42597	0.0949509	0.572283	-1.74739	0.597064	0.85022	-1.17617	0.658981	0.873643	-1.14463	0.294299	0.718319	-1.39214	0.0919055	1.75832	1.75832	0.039013	0.483514	-2.06819	0.104158	0.582537	-1.71663	0.160427	1.57788	1.57788	2.50088	3.66415	1.30235	1
cg09233730	NADK	0.105652	0.0453387	0.56265	-1.7773	0.0141282	0.4683	-2.13538	0.0929119	0.62934	-1.58897	0.899203	1.03225	1.03225	0.476972	0.834319	-1.19858	0.264056	1.3386	1.3386	0.519194	1.17785	1.17785	0.841003	0.95093	-1.0516	0.184246	0.702705	-1.42307	2.50086	2.48535	0.883376	1
cg04790755	CYHR1;CYHR1;CYHR1	0.105652	0.0954194	0.47468	-2.10668	0.0674707	2.30098	2.30098	0.0200379	3.13112	3.13112	0.115051	2.00766	2.00766	0.296719	0.643998	-1.5528	0.735363	1.14796	1.14796	0.403599	1.41571	1.41571	0.976941	0.988313	-1.01183	0.875342	1.06594	1.06594	2.50085	6.55277	2.32908	1
cg03696441	EPHA7	0.105653	0.747517	0.954583	-1.04758	0.118348	1.27634	1.27634	0.897128	0.981558	-1.01879	0.573496	1.08529	1.08529	0.222035	0.831361	-1.20285	0.128112	0.789219	-1.26708	0.0682181	0.74539	-1.34158	0.123875	1.27101	1.27101	0.0616251	1.35385	1.35385	2.50084	0.820241	0.291543	1
cg22620414	LOC285370	0.105656	0.618769	0.686207	-1.45729	0.00265525	0.0441301	-22.6603	0.477991	0.581849	-1.71866	0.683394	1.36045	1.36045	0.93187	0.937828	-1.06629	0.193942	0.356385	-2.80596	0.182847	0.346068	-2.8896	0.200833	0.36268	-2.75725	0.776354	0.807508	-1.23838	2.50081	22.3203	7.93352	1
cg04219510	PPP2R5E	0.105661	0.0497283	0.643105	-1.55496	0.00884338	1.92948	1.92948	0.760244	1.06222	1.06222	0.393988	1.1879	1.1879	0.829656	0.9584	-1.04341	0.675766	0.920394	-1.08649	0.382613	0.838134	-1.19313	0.337467	0.822822	-1.21533	0.796693	0.95036	-1.05223	2.50076	1.54039	0.547526	1
cg12686478	GLI2	0.105662	0.227109	0.79426	-1.25903	0.689267	1.07574	1.07574	0.0257845	0.61821	-1.61757	0.711913	0.934841	-1.0697	0.0081416	0.540478	-1.85021	0.554323	1.11477	1.11477	0.386327	0.851022	-1.17506	0.487967	0.879858	-1.13655	0.154648	0.758257	-1.31881	2.50075	1.30692	0.464544	1
cg26283507	PKD1L1	0.105662	0.25332	0.407743	-2.45252	0.00995769	0.0865011	-11.5605	0.136468	0.299273	-3.34143	0.590706	1.5042	1.5042	0.170416	0.333594	-2.99766	0.0870364	0.241476	-4.14119	0.0627648	0.207119	-4.82814	0.0828515	0.235933	-4.23849	0.685601	0.736354	-1.35804	2.50075	22.3954	7.96044	1
cg09272923	CAMTA1	0.105663	0.402061	1.49006	1.49006	0.0299823	3.27825	3.27825	0.566879	1.30889	1.30889	0.314869	1.62144	1.62144	0.256474	1.73466	1.73466	0.254804	1.73832	1.73832	0.00470599	5.7357	5.7357	0.12459	2.16676	2.16676	0.199974	1.87691	1.87691	2.50074	8.56516	3.04449	1
cg18268631	CDADC1	0.105665	0.0387201	0.720607	-1.38772	0.98731	0.997826	-1.00218	0.678596	0.94456	-1.05869	0.154692	0.811807	-1.23182	0.330135	0.87149	-1.14746	0.775538	0.961626	-1.03991	0.00740566	0.623613	-1.60356	0.256266	1.17609	1.17609	0.864457	0.976886	-1.02366	2.50072	0.742011	0.26375	1
cg13832670	CREB3L2	0.105666	0.595505	0.865869	-1.15491	0.223989	0.709367	-1.40971	0.0105004	0.420788	-2.37649	0.0383483	0.524618	-1.90615	0.562795	0.854472	-1.17031	0.211159	0.701796	-1.42492	0.357946	1.28932	1.28932	0.784316	1.07653	1.07653	0.091107	0.606387	-1.64911	2.50071	2.86167	1.01719	1
cg02100997	PTPRU;PTPRU;PTPRU	0.105671	0.203826	1.60172	1.60172	0.0393946	2.30959	2.30959	0.674239	1.16009	1.16009	0.896224	0.955198	-1.0469	0.217499	1.57729	1.57729	0.0488764	2.20344	2.20344	0.0169371	2.7818	2.7818	0.0558188	2.14052	2.14052	0.843947	0.933116	-1.07168	2.50066	4.88626	1.73688	1
cg12085698	SPON1	0.105671	0.800707	0.924411	-1.08177	0.975072	1.00976	1.00976	0.00235929	0.267632	-3.73648	0.4338	1.28169	1.28169	0.690184	0.882937	-1.13258	0.911774	0.966145	-1.03504	0.420103	1.2917	1.2917	0.529629	0.820477	-1.2188	0.895426	0.95996	-1.04171	2.50066	3.82407	1.35931	1
cg10996201	RGL2;RGL2	0.105672	0.578238	0.922406	-1.08412	0.0330956	1.43093	1.43093	0.736056	1.04986	1.04986	0.10169	0.77284	-1.29393	0.0788711	1.32398	1.32398	0.391842	0.881468	-1.13447	0.59944	1.0792	1.0792	0.0677539	0.745073	-1.34215	0.705214	1.05618	1.05618	2.50065	0.819143	0.291175	1
cg03441514	GALE;GALE;GALE	0.105672	0.720531	1.19827	1.19827	0.0837662	0.381519	-2.6211	0.233995	1.87428	1.87428	0.408908	1.53003	1.53003	0.0872651	0.38648	-2.58746	0.0122514	0.207807	-4.81215	0.439695	0.67246	-1.48708	0.833154	0.899229	-1.11206	0.56918	1.33602	1.33602	2.50064	10.0412	3.56929	1
cg01566283	ZNF192	0.105677	0.318192	1.55318	1.55318	0.114684	2.1088	2.1088	0.0985709	2.20406	2.20406	0.0338425	3.02673	3.02673	?	?	?	0.136534	2.00401	2.00401	0.133264	0.495472	-2.01828	0.313431	0.640784	-1.56059	0.955642	0.976815	-1.02374	2.90072	6.91642	1.78829	1
cg18392482	AMDHD1	0.105677	0.262875	0.772883	-1.29386	0.63546	1.11115	1.11115	0.152791	0.713226	-1.40208	0.265484	0.774059	-1.29189	0.0188854	0.53387	-1.87312	0.946528	0.985306	-1.01491	0.793878	1.05949	1.05949	0.365454	0.814461	-1.22781	0.0101753	0.489063	-2.04473	2.50059	1.92912	0.685747	1
cg20336122	OPRK1	0.105678	0.217488	0.625227	-1.59942	0.105056	0.5267	-1.89861	0.167497	0.587094	-1.7033	0.766947	0.898003	-1.11358	0.00329868	0.234815	-4.25866	0.924221	1.03504	1.03504	0.986724	0.993995	-1.00604	0.861182	1.06541	1.06541	0.334	0.697199	-1.43431	2.50058	5.18914	1.8446	1
cg00688962	KCNIP4	0.105678	0.378126	1.20125	1.20125	0.0504246	0.636266	-1.57167	0.209835	0.76492	-1.30733	0.367067	1.20669	1.20669	0.716143	1.07686	1.07686	0.502658	0.871149	-1.14791	0.00744398	0.497148	-2.01147	0.814533	0.953469	-1.0488	0.862138	0.96537	-1.03587	2.50058	1.62833	0.578826	1
cg11939346	KALRN;KALRN;KALRN	0.105679	0.202813	0.438329	-2.28139	0.0448945	0.243622	-4.10473	0.0410561	0.235465	-4.24692	0.926485	0.944959	-1.05825	0.141169	0.378781	-2.64005	0.145885	0.383749	-2.60587	0.0620858	0.275656	-3.62771	0.140634	2.64401	2.64401	0.787238	0.847083	-1.18052	2.50057	14.9039	5.29796	1
cg08253513	AAAS	0.10568	0.229982	1.12767	1.12767	0.0335655	1.26726	1.26726	0.847816	1.0185	1.0185	0.0846604	1.19953	1.19953	0.123073	1.17277	1.17277	0.296346	0.901857	-1.10882	0.116857	1.17648	1.17648	0.871289	1.01559	1.01559	0.022514	1.29784	1.29784	2.50056	0.360435	0.128126	1
cg10002371	POLS	0.105686	0.561122	0.852397	-1.17316	0.071456	0.57864	-1.72819	0.587646	1.16043	1.16043	0.146919	1.52662	1.52662	0.0773317	0.586449	-1.70518	0.446672	1.23466	1.23466	0.0318731	0.50485	-1.98079	0.240953	1.396	1.396	0.583045	0.860137	-1.16261	2.5005	2.92491	1.03976	1
cg04410989	SAMHD1	0.105691	0.030336	0.167064	-5.98574	0.228127	0.411016	-2.433	0.095788	0.276409	-3.61782	0.444518	0.578187	-1.72954	0.0189579	0.135744	-7.3668	0.114987	0.299803	-3.33552	0.0391365	0.186768	-5.35423	0.996404	1.00317	1.00317	0.118804	0.304216	-3.28714	2.50045	19.5639	6.95481	1
cg08995662	CPAMD8	0.105694	0.571682	0.905188	-1.10474	0.344397	1.185	1.185	0.385094	0.856243	-1.16789	0.991787	1.0018	1.0018	0.772042	1.05193	1.05193	0.808292	0.958518	-1.04328	0.00291647	0.490246	-2.03979	0.666332	0.92718	-1.07854	0.164404	0.772165	-1.29506	2.50042	1.20295	0.427645	1
cg24327307	SSBP3;SSBP3;SSBP3	0.105694	0.316282	0.705956	-1.41652	0.686235	0.872416	-1.14624	0.420363	0.758299	-1.31874	0.0301421	0.424453	-2.35597	0.0547925	0.480917	-2.07936	0.311333	0.703261	-1.42195	0.0264651	0.413006	-2.42127	0.0253878	0.409408	-2.44255	0.72067	1.12825	1.12825	2.50042	4.47297	1.59012	1
cg18038666	SLC25A28	0.105697	0.204759	1.22942	1.22942	0.00308513	1.86858	1.86858	0.0620973	1.38296	1.38296	0.732914	1.0543	1.0543	0.728382	1.05529	1.05529	0.623233	1.07943	1.07943	0.673544	0.936687	-1.06759	0.599673	1.08519	1.08519	0.535348	1.10175	1.10175	2.50039	0.943558	0.335434	1
cg11151395	MPO	0.105697	0.161366	0.339348	-2.94683	0.322072	2.09411	2.09411	0.253017	0.422048	-2.3694	0.325006	0.479809	-2.08416	0.0215424	0.136067	-7.34932	0.854887	1.14143	1.14143	0.641093	0.712316	-1.40387	0.216353	0.390615	-2.56007	0.0134066	0.10941	-9.1399	2.50039	20.6752	7.35005	1
cg06100442	PRPF19	0.105697	0.754729	0.890021	-1.12357	0.386598	1.39091	1.39091	0.861181	1.06724	1.06724	0.920186	0.963425	-1.03796	0.00730667	0.276385	-3.61814	0.0447278	0.424578	-2.35528	0.946629	0.975419	-1.0252	0.363383	1.41522	1.41522	0.221956	0.620502	-1.6116	2.50039	5.47341	1.9458	1
cg03063806	KIAA1191;KIAA1191;KIAA1191	0.105699	0.0620694	0.403926	-2.4757	0.280322	0.616144	-1.623	0.198244	0.556122	-1.79817	0.69469	0.843476	-1.18557	0.0182387	0.290359	-3.44402	0.071285	0.419234	-2.3853	0.0298766	0.33197	-3.01232	0.764437	1.13847	1.13847	0.102647	0.462715	-2.16116	2.50037	7.37425	2.62156	1
cg05888181	KBTBD11	0.105702	0.728936	0.930955	-1.07417	0.63065	0.905172	-1.10476	0.797697	1.05425	1.05425	0.229127	1.29633	1.29633	0.993096	1.00178	1.00178	0.0347839	0.602888	-1.65868	0.0159579	1.83459	1.83459	0.19199	1.32848	1.32848	0.473803	0.860862	-1.16163	2.50034	1.67482	0.595411	1
cg01895557	ODZ2	0.105703	0.274503	1.43552	1.43552	0.0813843	0.541055	-1.84824	0.234526	0.672859	-1.4862	0.955199	1.01802	1.01802	0.632979	1.1653	1.1653	0.517208	1.23219	1.23219	0.00710628	3.02143	3.02143	0.909756	1.03671	1.03671	0.845925	0.940015	-1.06381	2.50033	4.00361	1.42332	1
cg03298314	RPP21	0.105703	0.160396	0.696035	-1.43671	0.373996	0.802117	-1.2467	0.0542381	0.589872	-1.69528	0.448247	1.20532	1.20532	0.0113967	0.465211	-2.14956	0.0303773	0.540671	-1.84955	0.48459	0.842298	-1.18723	0.334833	0.78637	-1.27167	0.466071	0.835914	-1.1963	2.50033	2.31202	0.821945	1
cg22635885	CTPS2;CTPS2;CTPS2	0.105704	0.0227437	0.297897	-3.35686	0.367739	0.663002	-1.50829	0.225846	0.568391	-1.75935	0.124666	2.0926	2.0926	0.494275	0.73468	-1.36114	0.116864	0.469202	-2.13128	0.0594288	0.388626	-2.57317	0.826885	1.10218	1.10218	0.0984366	0.447085	-2.23671	2.50032	7.81332	2.77772	1
cg21874404	MEG8	0.105706	0.0992643	0.555584	-1.79991	0.64163	0.858599	-1.16469	0.23299	0.665801	-1.50195	0.948213	0.979095	-1.02135	0.0131143	2.71996	2.71996	0.221978	1.51815	1.51815	0.222501	0.659039	-1.51736	0.431125	0.77001	-1.29868	0.369432	0.740958	-1.3496	2.50029	4.18922	1.48932	1
cg00679908	UBL7;UBL7	0.105707	0.014112	0.642818	-1.55565	0.888619	1.02065	1.02065	0.464246	1.11478	1.11478	0.0421013	0.710625	-1.40721	0.317039	0.859949	-1.16286	0.633174	1.07266	1.07266	0.334138	1.1564	1.1564	0.597942	1.08072	1.08072	0.241422	1.19587	1.19587	2.50029	0.842625	0.299565	1
cg13962286	TP53AIP1	0.105707	0.675577	1.25598	1.25598	0.0162715	4.90899	4.90899	0.0286694	4.04579	4.04579	0.331089	1.72122	1.72122	0.0973294	0.373361	-2.67837	0.526313	1.41577	1.41577	0.548179	0.719618	-1.38963	0.868254	1.09406	1.09406	0.533548	1.40699	1.40699	2.50029	11.6112	4.12796	1
ch.11.1369160	KDM2A;KDM2A	0.105708	0.190345	0.780376	-1.28143	0.012953	0.57608	-1.73587	0.0475986	0.666904	-1.49947	0.223306	0.795496	-1.25708	0.0515506	0.672835	-1.48625	0.443754	1.14983	1.14983	0.298056	0.824582	-1.21274	0.444656	0.869941	-1.1495	0.698332	1.07212	1.07212	2.50027	1.26605	0.450102	1
cg02520281	PCDHB17	0.105709	0.494289	1.44259	1.44259	0.50614	1.42782	1.42782	0.677664	1.24692	1.24692	0.0290266	0.257017	-3.89079	0.34088	1.67895	1.67895	0.12786	2.38473	2.38473	0.781177	0.863279	-1.15837	0.0222579	0.235389	-4.24828	0.779956	1.15935	1.15935	2.50027	11.0372	3.92393	1
cg10867947	INTS8	0.10571	0.125981	0.619842	-1.61331	0.635146	0.872353	-1.14632	0.086908	0.578129	-1.72972	0.856804	1.05291	1.05291	0.271492	0.719858	-1.38916	0.241395	0.702982	-1.42251	0.343958	0.756187	-1.32242	0.239877	1.42431	1.42431	0.0205641	2.27084	2.27084	2.65555	3.35303	0.982063	1
cg23889771	ITGB1BP1;ITGB1BP1;CPSF3	0.10571	0.0624226	0.73192	-1.36627	0.172984	0.805903	-1.24084	0.0922156	0.758962	-1.31759	0.936081	1.01201	1.01201	0.61655	0.927624	-1.07802	0.443028	1.12343	1.12343	0.0630059	0.732551	-1.36509	0.0702566	0.739982	-1.35138	0.119845	1.28547	1.28547	2.50025	0.876885	0.31175	1
cg10702041	FASTK;TMUB1;TMUB1;FASTK	0.105713	0.945785	0.965832	-1.03538	0.736665	1.18831	1.18831	0.0608836	2.9448	2.9448	0.336884	1.65892	1.65892	0.104522	0.403699	-2.47709	0.769392	0.860464	-1.16216	0.0379736	0.292308	-3.42105	0.18018	0.483081	-2.07005	0.143993	2.23099	2.23099	2.50022	10.3483	3.67906	1
cg14543291	KIF26A	0.105716	0.227917	1.28468	1.28468	0.92943	0.982748	-1.01756	0.13297	1.38021	1.38021	0.160552	1.34651	1.34651	0.411153	1.18018	1.18018	0.270536	1.25456	1.25456	0.0706748	0.667785	-1.49749	0.290024	0.804949	-1.24232	0.0424021	0.625276	-1.59929	2.65548	1.5891	0.465439	1
cg23509077	SERGEF	0.105717	0.17406	0.568957	-1.7576	0.402271	0.715834	-1.39697	0.355068	0.690025	-1.44922	0.120578	1.92825	1.92825	0.0872598	0.47886	-2.08829	0.680042	0.850672	-1.17554	0.0452247	0.408209	-2.44972	0.780239	1.11526	1.11526	0.0222741	0.343568	-2.91063	2.50018	6.02267	2.14123	1
cg05195772	EFNA2	0.10572	0.0246606	0.336715	-2.96987	0.0640799	0.428863	-2.33175	0.0633534	0.427626	-2.33849	0.370254	0.687737	-1.45404	0.01338	0.287539	-3.47779	0.529758	0.771829	-1.29562	0.0857445	0.461791	-2.16548	0.414825	0.712395	-1.40372	0.268737	0.625847	-1.59783	2.50015	6.55444	2.33033	1
cg13897564	NRARP;NRARP	0.10572	0.825426	0.947604	-1.05529	0.302594	0.770924	-1.29714	0.00874509	0.443205	-2.25629	0.288628	0.764624	-1.30783	0.109202	0.653423	-1.5304	0.0431239	0.567283	-1.76279	0.981265	0.994296	-1.00574	0.811017	1.0601	1.0601	0.0581405	0.593515	-1.68488	2.50015	2.35019	0.835572	1
cg06084244	NFATC1;NFATC1;NFATC1;NFATC1	0.10572	0.914601	0.982229	-1.01809	0.535361	0.900391	-1.11063	0.853155	1.03146	1.03146	0.245412	1.22518	1.22518	0.337328	0.8476	-1.1798	0.207555	1.24875	1.24875	0.00506285	1.858	1.858	0.643048	0.924953	-1.08114	0.160919	1.28443	1.28443	2.50015	1.10639	0.393358	1
cg15810996	ZBTB7A	0.105721	0.112529	2.14901	2.14901	0.0202758	3.45317	3.45317	0.0972602	2.23861	2.23861	0.321101	1.57449	1.57449	0.398218	1.4667	1.4667	0.0963075	2.24476	2.24476	0.0362522	2.93928	2.93928	0.0403193	2.85447	2.85447	0.0715792	2.43736	2.43736	2.50014	7.76415	2.76043	1
cg02881331	EFCAB5;SSH2	0.105724	0.936213	0.972798	-1.02796	0.0662827	2.03347	2.03347	0.129628	1.75798	1.75798	0.439321	1.31228	1.31228	0.321562	0.702679	-1.42312	0.581386	1.21152	1.21152	0.0283513	0.409936	-2.4394	0.07225	1.99617	1.99617	0.666478	1.16114	1.16114	2.50011	4.70087	1.67135	1
cg10842164	SLC4A2	0.105725	0.422216	0.801249	-1.24805	0.00436697	0.357331	-2.79852	0.075809	0.58619	-1.70593	0.938111	0.97923	-1.02121	0.0813795	0.593255	-1.68562	0.139966	0.65102	-1.53605	0.241819	0.718117	-1.39253	0.916221	0.97196	-1.02885	0.507186	0.833711	-1.19946	2.5001	2.89258	1.02843	1
cg03226526	FAM20C	0.105726	0.157017	2.20494	2.20494	0.59665	0.756521	-1.32184	0.0623933	0.334279	-2.99152	0.425862	1.52928	1.52928	0.182597	2.0937	2.0937	0.705269	1.21958	1.21958	0.0175714	4.52438	4.52438	0.107015	2.50727	2.50727	0.812991	1.1318	1.1318	2.50009	10.8068	3.84228	1
cg06032344	C7orf64;PEX1	0.105731	0.643661	0.918396	-1.08885	0.484351	1.13868	1.13868	0.0383812	1.55032	1.55032	0.207558	0.784383	-1.27489	0.870612	0.97065	-1.03024	0.0883095	0.709168	-1.4101	0.301482	0.822315	-1.21608	0.0716175	0.692388	-1.44428	0.155183	1.32046	1.32046	2.50004	1.32227	0.470133	1
cg01850785	AAK1	0.105733	0.217902	1.2526	1.2526	0.303472	1.20346	1.20346	0.0696435	1.42272	1.42272	0.249574	0.811318	-1.23256	0.407708	0.863159	-1.15854	0.324803	0.838048	-1.19325	0.358613	0.848719	-1.17825	0.0360437	1.52761	1.52761	0.100408	1.36715	1.36715	2.50001	1.19549	0.42506	1
cg01084386	OBSCN;OBSCN	0.105735	0.939957	1.01377	1.01377	0.833648	0.962541	-1.03892	0.396846	1.17058	1.17058	0.317384	1.20638	1.20638	0.26468	1.23496	1.23496	0.341683	1.19465	1.19465	0.0170454	0.589769	-1.69558	0.029256	1.59403	1.59403	0.592045	0.90647	-1.10318	2.5	1.30481	0.463932	1
cg23752963	BAT1;BAT1	0.105738	0.899703	0.962135	-1.03935	0.511626	1.22602	1.22602	0.770133	1.09384	1.09384	0.431549	1.27857	1.27857	0.271898	0.704609	-1.41923	0.00387231	0.303905	-3.2905	0.738732	1.1079	1.1079	0.182415	0.648436	-1.54217	0.352535	0.746127	-1.34025	2.49996	3.71041	1.31928	1
cg06399284	CABP7	0.105739	0.200729	0.764615	-1.30785	0.0904356	0.690384	-1.44847	0.127715	0.721038	-1.38689	0.517686	0.877873	-1.13912	0.00767769	0.506413	-1.97467	0.028465	0.598405	-1.67111	0.421285	0.84946	-1.17722	0.233692	0.780395	-1.2814	0.113911	0.710664	-1.40713	2.49996	1.56158	0.555237	1
cg10369585	PPT2;PPT2	0.10574	0.525651	0.938102	-1.06598	0.101104	1.19529	1.19529	0.086665	1.20686	1.20686	0.182375	1.15098	1.15098	0.203505	0.875153	-1.14266	0.1049	0.838559	-1.19252	0.80931	1.02431	1.02431	0.281742	1.11756	1.11756	0.0518756	1.24582	1.24582	2.49994	0.390852	0.138973	1
cg22141111	FAM123A;FAM123A	0.10574	0.0992095	1.46844	1.46844	0.281428	1.26867	1.26867	0.0146136	1.89497	1.89497	0.706937	1.0836	1.0836	0.247897	0.773528	-1.29278	0.258559	0.77834	-1.28478	0.511452	0.867999	-1.15208	0.611386	0.896797	-1.11508	0.1193	1.4324	1.4324	2.49994	1.7892	0.636174	1
cg13302154	MGP	0.105743	0.0549332	0.11405	-8.76811	0.0298286	0.0780897	-12.8058	0.535136	1.87101	1.87101	0.21742	0.274073	-3.64866	0.0378654	0.0905691	-11.0413	0.609137	0.597866	-1.67262	0.0963063	0.161791	-6.18082	0.123832	0.189679	-5.27207	0.0682235	0.130457	-7.66539	2.49992	39.3929	14.0068	1
cg01276891	KCTD16;YIPF5;YIPF5;KCTD16	0.105744	0.249755	0.785949	-1.27235	0.30567	1.23663	1.23663	0.113841	0.708594	-1.41124	0.140251	0.727798	-1.37401	0.324664	0.815731	-1.22589	0.364177	0.829669	-1.2053	0.0134402	0.541791	-1.84573	0.0768939	0.674399	-1.4828	0.0574303	0.650294	-1.53777	2.49991	1.58761	0.564503	1
cg05138040	LHPP;LHPP	0.105744	0.291053	0.694762	-1.43934	0.0246844	2.43297	2.43297	0.150254	1.66964	1.66964	0.13919	0.589166	-1.69731	0.177449	0.620994	-1.61032	0.689151	1.143	1.143	0.0973907	0.546272	-1.83059	0.847092	1.06627	1.06627	0.642974	1.16785	1.16785	2.4999	4.37455	1.55546	1
cg02085660	LRRC24;MGC70857	0.105748	0.508096	0.679834	-1.47095	0.467743	0.653973	-1.52911	0.145693	2.45436	2.45436	0.56593	0.716385	-1.3959	0.110487	0.367999	-2.7174	0.525375	1.44759	1.44759	0.94653	1.0393	1.0393	0.00847084	0.144878	-6.90234	0.27917	1.90923	1.90923	2.49987	13.0801	4.65094	1
cg04541670	MSX2	0.105749	0.68442	0.804511	-1.24299	0.130922	0.419701	-2.38265	0.519267	0.706253	-1.41592	0.485667	0.685829	-1.45809	0.543422	0.720791	-1.38736	0.00737291	6.28457	6.28457	0.165512	2.19758	2.19758	0.769424	0.855159	-1.16937	0.415332	0.641978	-1.55768	2.49985	11.219	3.98922	1
cg07331701	B4GALT6	0.10575	0.157051	0.57567	-1.7371	0.923674	1.03559	1.03559	0.835992	0.927148	-1.07858	0.592312	1.21803	1.21803	0.0240322	0.374498	-2.67024	0.748543	0.889266	-1.12452	0.013769	0.329186	-3.0378	0.408626	1.36123	1.36123	0.141412	0.561559	-1.78076	2.49984	5.27154	1.87445	1
cg12560527	LOC222699	0.105753	0.80791	1.08888	1.08888	0.0321836	2.40396	2.40396	0.122843	1.79399	1.79399	0.471586	1.29176	1.29176	0.135143	0.569463	-1.75604	0.351628	0.715257	-1.3981	0.0671098	0.488011	-2.04913	0.237231	0.648634	-1.5417	0.76698	1.10947	1.10947	2.49981	4.83874	1.72057	1
cg19256125	EN2	0.105753	0.801342	1.03443	1.03443	0.053364	0.744808	-1.34263	0.587188	0.92905	-1.07637	0.380551	1.12835	1.12835	0.926566	1.01245	1.01245	0.947435	1.00889	1.00889	0.534692	0.919053	-1.08808	0.0120186	1.52282	1.52282	0.0990172	1.27481	1.27481	2.49981	0.713557	0.253729	1
cg04686114	PTGES3;PTGES3	0.105755	0.963732	1.0111	1.0111	0.00927823	0.448557	-2.22937	0.0194152	0.503413	-1.98644	0.788665	1.06742	1.06742	0.311277	0.775373	-1.2897	0.884517	0.96532	-1.03593	0.433481	1.21422	1.21422	0.753558	1.07949	1.07949	0.401281	0.811689	-1.232	2.49979	2.33507	0.830317	1
cg03745234	CEACAM21;CEACAM21	0.105755	0.286254	2.12754	2.12754	0.316586	0.493693	-2.02555	0.100351	0.293112	-3.41166	0.114386	0.310158	-3.22417	0.849575	1.13819	1.13819	0.450315	1.68942	1.68942	0.0764963	0.260973	-3.83182	0.0188876	0.143915	-6.94855	0.529984	1.543	1.543	2.49979	18.4001	6.5428	1
cg01406536	TMEM132B	0.105755	0.0365354	9.55145	9.55145	0.124287	4.69086	4.69086	0.668368	1.49216	1.49216	0.779218	0.77028	-1.29823	0.0377391	9.37426	9.37426	0.608244	0.618699	-1.61629	0.858332	0.847106	-1.18049	0.0181643	14.3502	14.3502	0.284529	2.80788	2.80788	2.49979	34.1458	12.1418	1
cg24509815	IL2RB	0.105757	0.02382	1.93683	1.93683	0.370704	1.25268	1.25268	0.195074	0.714699	-1.39919	0.978904	0.99354	-1.0065	0.634847	0.889358	-1.12441	0.310648	1.29318	1.29318	0.0166029	2.04824	2.04824	0.281938	1.31528	1.31528	0.243664	1.34847	1.34847	2.49977	2.37812	0.84563	1
cg11505417	C1QA	0.105757	0.0301969	0.194998	-5.12825	0.0600756	0.256546	-3.89793	0.0127849	0.137553	-7.26995	0.194453	0.414609	-2.41191	0.0578281	0.252676	-3.95764	0.429136	0.595883	-1.67818	0.152167	0.37386	-2.6748	0.132001	0.352482	-2.83702	0.416953	0.587376	-1.70249	2.49977	16.2879	5.79178	1
cg16933813	BRD2;BRD2	0.105758	0.0752591	0.51352	-1.94734	0.137232	1.71364	1.71364	0.120607	1.76203	1.76203	0.375296	1.35823	1.35823	0.437216	1.30561	1.30561	0.0477367	0.466853	-2.142	0.285471	0.688469	-1.4525	0.557209	1.22111	1.22111	0.228485	0.653578	-1.53004	2.49976	4.48251	1.59393	1
cg15601229	SLC39A1	0.105758	0.955298	0.990725	-1.00936	0.251609	1.2203	1.2203	0.0151571	1.64208	1.64208	0.660672	1.0762	1.0762	0.458823	0.882154	-1.13359	0.162851	0.780643	-1.281	0.0416151	0.676726	-1.4777	0.748156	0.947859	-1.05501	0.781578	1.04729	1.04729	2.49976	1.09401	0.389021	1
cg20442536	CD96;ZBED2;CD96	0.105758	?	?	?	0.573183	1.1714	1.1714	0.00890008	0.396527	-2.5219	0.969745	1.0106	1.0106	0.259106	0.720945	-1.38707	0.940589	0.979499	-1.02093	0.115431	0.621502	-1.609	0.184123	1.47926	1.47926	0.327757	0.755224	-1.32411	2.52626	2.74671	1.08726	1
cg05620821	ALDH3B1;ALDH3B1;ALDH3B1	0.105759	0.207564	0.410649	-2.43517	0.188872	0.393663	-2.54024	0.0157138	0.137696	-7.26237	0.0491729	0.222284	-4.49874	0.0205604	0.154364	-6.47821	0.72597	0.790046	-1.26575	0.214079	0.416417	-2.40144	0.0778615	0.269208	-3.7146	0.651817	0.737702	-1.35556	2.49975	17.7572	6.31429	1
cg26562592	CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.105767	0.228651	0.78446	-1.27476	0.393499	1.18287	1.18287	0.375961	1.19075	1.19075	0.42552	0.855254	-1.16924	0.177809	1.31672	1.31672	0.319236	1.21869	1.21869	0.0070358	0.511987	-1.95317	0.888002	0.973288	-1.02745	0.930237	1.01697	1.01697	2.49966	1.46158	0.519742	1
cg17366400	FNDC3A	0.105768	0.899067	1.04141	1.04141	0.824053	0.931275	-1.0738	0.0216316	2.41528	2.41528	0.472038	1.26352	1.26352	0.627364	0.855203	-1.16931	0.239852	1.48218	1.48218	0.350706	0.735561	-1.35951	0.0219732	2.40767	2.40767	0.070293	1.90967	1.90967	2.49966	4.04746	1.43929	1
cg10778655	C6orf125	0.105771	0.034981	0.597129	-1.67468	0.431545	0.844961	-1.18349	0.776345	1.06159	1.06159	0.688878	0.919008	-1.08813	0.0275799	0.578829	-1.72763	0.0423964	0.612298	-1.63319	0.376007	1.21005	1.21005	0.314673	0.803967	-1.24383	0.328809	1.23554	1.23554	2.49962	1.74345	0.619986	1
cg19268579	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.105772	0.10618	1.34458	1.34458	0.949752	1.01063	1.01063	0.0460482	1.4676	1.4676	0.264207	0.8226	-1.21566	0.120339	0.75372	-1.32675	0.0619703	0.702804	-1.42287	0.770042	1.05042	1.05042	0.38769	1.16017	1.16017	0.269957	1.21259	1.21259	2.49961	1.11474	0.396412	1
cg10631453	UBE2QP1	0.105773	0.148988	2.82311	2.82311	0.194438	0.39831	-2.5106	0.699926	0.771274	-1.29656	0.162192	0.367595	-2.72039	0.0217627	0.15773	-6.33996	0.411692	1.75575	1.75575	0.0430623	0.209919	-4.76375	0.5746	1.46273	1.46273	0.904934	0.923004	-1.08342	2.49961	17.803	6.33095	1
cg10327769	LOC100133991;LOC100133991;C17orf46	0.105773	0.138396	0.593222	-1.68571	0.0440111	2.13301	2.13301	0.500804	1.25066	1.25066	0.800934	0.920628	-1.08621	0.060356	0.49991	-2.00036	0.806569	0.922839	-1.08361	0.124455	0.580137	-1.72373	0.739748	1.1153	1.1153	0.0634656	0.505049	-1.98001	2.4996	4.24165	1.50838	1
cg00443917	FBRS	0.105774	0.102256	0.450918	-2.2177	0.984906	0.99161	-1.00846	0.185802	0.53535	-1.86794	0.618393	0.799582	-1.25065	0.017641	0.276436	-3.61747	0.0930519	0.439134	-2.27721	0.0150272	0.264136	-3.78592	0.759889	1.14629	1.14629	0.333346	0.641185	-1.55961	2.4996	7.85311	2.79267	1
cg08800856	NRXN2;NRXN2	0.105774	0.0213364	0.39413	-2.53723	0.0748677	0.512891	-1.94973	0.877648	0.949472	-1.05322	0.19508	0.630503	-1.58604	0.020667	0.391472	-2.55446	0.056218	0.483013	-2.07034	0.697342	1.14057	1.14057	0.328139	0.711985	-1.40452	0.282923	0.686951	-1.45571	2.4996	4.48397	1.59456	1
cg23243929	ABR;ABR;ABR	0.105777	0.105325	0.745311	-1.34172	0.043583	1.47027	1.47027	0.699692	1.06651	1.06651	0.336403	0.848189	-1.17898	0.311134	1.19014	1.19014	0.0294605	1.53103	1.53103	0.356165	1.17076	1.17076	0.111405	1.33382	1.33382	0.944678	1.01159	1.01159	2.49957	1.09241	0.388479	1
cg24076588	KLHDC7A	0.105777	0.21574	0.536614	-1.86354	0.477877	1.41164	1.41164	0.15831	2.05557	2.05557	0.924294	0.955606	-1.04646	0.0191389	0.258061	-3.87505	0.155729	0.484001	-2.06611	0.3784	0.649355	-1.53999	0.040289	0.322417	-3.10157	0.290501	0.592088	-1.68894	2.49956	9.03623	3.21345	1
cg03776878	GPR133	0.105782	0.0943135	0.29464	-3.39398	0.0165593	0.143018	-6.99212	0.182508	0.39064	-2.5599	0.326576	0.51021	-1.95998	0.0359953	0.197771	-5.05636	0.182251	0.390399	-2.56149	0.0585872	0.241815	-4.1354	0.0392987	0.205077	-4.87621	0.238318	0.440159	-2.27191	2.49951	17.475	6.21453	1
cg19107055	DDC;DDC	0.105783	0.240853	0.847628	-1.17976	0.921476	1.01336	1.01336	0.600112	0.931258	-1.07382	0.616935	0.934356	-1.07026	0.124453	0.799347	-1.25102	0.115105	0.794007	-1.25944	0.136298	1.24124	1.24124	0.0411312	0.728152	-1.37334	0.0689348	1.31527	1.31527	2.49951	0.717584	0.255192	1
cg26509211	BICC1	0.105783	0.528297	0.895083	-1.11721	0.131924	1.32592	1.32592	0.0686298	0.70216	-1.42418	0.961683	1.00837	1.00837	0.012181	1.71939	1.71939	0.224167	0.801295	-1.24798	0.669265	1.0774	1.0774	0.696489	0.934256	-1.07037	0.676204	1.07559	1.07559	2.4995	1.19143	0.423704	1
cg07952011	EIF2C3;EIF2C3	0.105783	0.0526483	1.54617	1.54617	0.390663	0.840306	-1.19004	0.420513	1.17679	1.17679	0.477331	1.15364	1.15364	0.0743688	1.48182	1.48182	0.435272	1.17054	1.17054	0.0261436	0.593338	-1.68538	0.768573	1.0601	1.0601	0.364005	0.831496	-1.20265	2.4995	1.54899	0.550863	1
cg08502159	BAT4	0.105786	0.0995448	0.467798	-2.13767	0.204603	0.569304	-1.75653	0.109844	2.08238	2.08238	0.847785	0.922312	-1.08423	0.858314	0.927555	-1.0781	0.148071	0.520484	-1.92129	0.029662	0.340512	-2.93676	0.0359624	0.358158	-2.79207	0.522838	0.761442	-1.3133	2.49947	7.01109	2.49336	1
cg19670286	GFRA3;GFRA3	0.105787	0.926229	0.944785	-1.05844	0.375994	1.7458	1.7458	0.0825726	0.307527	-3.25175	0.239166	2.12976	2.12976	0.0276586	0.202547	-4.93711	0.372978	0.570678	-1.7523	?	?	?	0.232672	2.15453	2.15453	0.194042	2.32264	2.32264	2.52596	13.3758	5.29532	1
cg09803560	WDR60	0.105788	0.936329	0.969581	-1.03137	0.0463064	0.413699	-2.41722	0.445294	0.74019	-1.35101	0.781505	0.898072	-1.1135	0.00690974	0.258767	-3.86447	0.62596	1.20917	1.20917	0.301605	1.51257	1.51257	0.926238	0.96483	-1.03645	0.168208	0.566769	-1.76439	2.49945	5.91808	2.10467	1
cg01390135	MED16	0.105789	?	?	?	0.241128	1.35295	1.35295	0.262177	0.749747	-1.33378	0.532412	1.16857	1.16857	0.528023	0.854277	-1.17058	0.0148812	2.09152	2.09152	0.114945	1.52542	1.52542	0.791356	1.0675	1.0675	0.167358	0.695875	-1.43704	2.52594	2.15808	0.854369	1
cg07413356	CAMLG	0.105789	0.552193	0.570124	-1.75401	0.0296818	11.5847	11.5847	0.0126129	20.0011	20.0011	0.720576	1.39832	1.39832	0.294944	0.36106	-2.76963	?	?	?	0.4571	2.03048	2.03048	0.61517	1.60535	1.60535	0.392751	2.26953	2.26953	2.67992	32.127	10.4895	1
cg19853413	SMAD5;SMAD5;SMAD5;SMAD5;SMAD5;SMAD5OS	0.105789	0.919394	0.963069	-1.03835	0.671326	0.853278	-1.17195	0.855063	0.934285	-1.07034	0.579314	0.812064	-1.23143	0.680381	0.857284	-1.16647	0.00233273	0.205974	-4.85498	0.350479	0.699599	-1.42939	0.89853	0.953681	-1.04857	0.0801365	0.485916	-2.05797	2.49943	5.47053	1.94552	1
cg18156793	SNTA1	0.10579	0.654044	0.876578	-1.1408	0.838036	0.941982	-1.06159	0.894577	1.03948	1.03948	0.329259	0.745254	-1.34183	0.54745	0.837131	-1.19456	0.119154	1.63865	1.63865	0.00466658	0.333356	-2.9998	0.546373	1.19514	1.19514	0.288321	0.724766	-1.37975	2.49943	3.37574	1.20054	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11178321	DDX12	0.10579	0.484941	0.941079	-1.06261	0.0391657	1.22659	1.22659	0.197948	0.890083	-1.12349	0.15248	1.14013	1.14013	0.370319	1.08191	1.08191	0.660086	1.0386	1.0386	0.183955	0.886375	-1.12819	0.685043	1.03551	1.03551	0.0283168	1.24799	1.24799	2.49943	0.289861	0.103085	1
cg04194840	NDRG4;NDRG4;NDRG4	0.10579	0.128259	0.567553	-1.76195	0.390111	0.738313	-1.35444	0.702418	0.876127	-1.14139	0.243991	1.52186	1.52186	0.0047454	0.274718	-3.6401	0.993479	1.00282	1.00282	0.746531	0.894291	-1.1182	0.124433	0.563777	-1.77375	0.377708	0.732116	-1.3659	2.49943	4.69808	1.67081	1
cg27302175	ZSWIM6	0.105793	0.0410723	0.350182	-2.85566	0.365526	1.51266	1.51266	0.095604	2.259	2.259	0.503778	1.35258	1.35258	0.577395	0.778359	-1.28475	0.685305	0.83414	-1.19884	0.0455042	0.360245	-2.77589	0.132867	2.05817	2.05817	0.485144	0.729236	-1.3713	2.4994	7.84395	2.78963	1
cg18477587	KCNQ1;KCNQ1OT1;KCNQ1	0.105796	0.251676	1.32338	1.32338	0.0531942	1.67186	1.67186	0.370301	1.24018	1.24018	0.299812	1.28583	1.28583	0.190257	1.38341	1.38341	0.0166638	1.98162	1.98162	0.0115937	2.09259	2.09259	0.832419	1.05083	1.05083	0.198776	1.37399	1.37399	2.49937	2.16691	0.770652	1
cg10308950	TTC7B	0.105797	0.0256508	0.412057	-2.42685	0.0783333	0.519907	-1.92342	0.0546105	0.482277	-2.0735	0.36603	1.36427	1.36427	0.836669	1.07148	1.07148	0.915794	0.965244	-1.03601	0.382378	1.34936	1.34936	0.206991	1.56066	1.56066	0.536216	1.23306	1.23306	2.49936	4.42822	1.57488	1
cg26595336	MEX3B	0.105798	0.29117	0.826487	-1.20994	0.399046	1.16208	1.16208	0.829098	1.03833	1.03833	0.475223	0.881326	-1.13465	0.0730219	0.706184	-1.41606	0.642456	1.08474	1.08474	0.0406491	0.662833	-1.50868	0.0782996	1.40537	1.40537	0.115776	1.34639	1.34639	2.49934	1.19821	0.42614	1
cg18637459	TMEM119	0.105799	0.148688	0.534916	-1.86945	0.471386	0.743844	-1.34437	0.375935	0.692791	-1.44344	0.0553467	0.415904	-2.4044	0.332983	0.668059	-1.49687	0.429447	0.721954	-1.38513	0.00656942	0.240307	-4.16135	0.0309521	0.359427	-2.78221	0.200826	0.579419	-1.72587	2.49933	6.45813	2.29684	1
cg08854008	C1orf200;PIK3CD	0.1058	0.617831	1.22047	1.22047	0.546549	0.785305	-1.27339	0.0305378	0.36541	-2.73665	0.322181	0.666929	-1.49941	0.980835	1.00956	1.00956	0.343621	1.4717	1.4717	0.024638	2.8862	2.8862	0.245975	1.61705	1.61705	0.273053	0.636466	-1.57118	2.49932	6.2101	2.20863	1
cg05389335	TACR3	0.105801	0.539932	1.09753	1.09753	0.798077	0.962282	-1.0392	0.225488	0.826216	-1.21034	0.515923	1.10383	1.10383	0.679168	0.939532	-1.06436	0.536731	1.09835	1.09835	0.0454902	0.708935	-1.41057	0.0156207	1.55979	1.55979	0.1693	1.24557	1.24557	2.49932	0.890264	0.316624	1
cg23663092	PRDX4	0.105805	0.0582496	0.296935	-3.36774	0.396694	0.61116	-1.63623	0.596805	0.738682	-1.35376	0.0397508	3.85312	3.85312	0.244332	0.501065	-1.99575	0.0304519	0.236213	-4.23347	0.280153	0.528911	-1.89068	0.734289	0.824244	-1.21323	0.582538	1.37021	1.37021	2.49928	12.7411	4.53146	1
cg06968475	FANCL;FANCL	0.105806	0.0987852	0.572824	-1.74574	0.20711	1.50611	1.50611	0.382803	1.31719	1.31719	0.0739251	0.541651	-1.84621	0.726351	1.11423	1.11423	0.617025	0.856247	-1.16789	0.0943103	0.567697	-1.7615	0.397289	0.765823	-1.30579	0.0506096	1.98514	1.98514	2.49927	3.75067	1.33396	1
cg24851370	PRDM16;PRDM16	0.105806	0.144747	0.59261	-1.68745	0.0545137	0.482548	-2.07233	0.0203871	0.393086	-2.54397	0.134994	0.583771	-1.713	0.119077	0.568318	-1.75958	0.2219	0.651258	-1.53549	0.0811771	0.524232	-1.90755	0.0243966	0.408212	-2.44971	0.121184	0.570446	-1.75301	2.49926	4.41677	1.57087	1
cg02231197	ANK1	0.105807	0.470347	0.734812	-1.36089	0.737333	1.15169	1.15169	0.0142157	0.281098	-3.55748	0.474537	1.35682	1.35682	0.0246019	0.325242	-3.07464	0.702089	1.17498	1.17498	0.2342	0.592599	-1.68748	0.219813	0.581961	-1.71833	0.118145	0.490726	-2.0378	2.49925	6.9683	2.47836	1
cg02304233	BCL9	0.105808	0.0417782	0.385469	-2.59424	0.653037	1.20181	1.20181	0.842678	1.08407	1.08407	0.822154	0.912599	-1.09577	0.0427853	0.387793	-2.57869	0.25342	0.615976	-1.62344	0.0413897	0.384561	-2.60037	0.0243722	0.336257	-2.97392	0.371695	0.68894	-1.45151	2.49924	6.53237	2.32332	1
cg08211972	EAPP;EAPP	0.10581	0.220085	1.20912	1.20912	0.141725	1.26199	1.26199	0.325002	1.16147	1.16147	0.152684	0.79805	-1.25306	0.649698	0.934877	-1.06966	0.975009	1.00462	1.00462	0.0102348	0.620809	-1.6108	0.594202	0.923861	-1.08241	0.459104	1.11741	1.11741	2.49923	0.858533	0.305351	1
cg20129806	UNC93B1	0.10581	0.080867	3.69516	3.69516	0.104679	3.31161	3.31161	0.0898173	3.53458	3.53458	0.283183	2.12313	2.12313	0.664013	0.744456	-1.34326	0.909801	0.926334	-1.07952	0.336579	0.512226	-1.95226	0.0562103	4.30607	4.30607	0.0255035	6.00287	6.00287	2.49922	18.0454	6.41813	1
cg18709893	ITGB4;ITGB4;ITGB4	0.105815	0.223638	1.5454	1.5454	0.517736	0.799901	-1.25015	0.406149	0.748765	-1.33553	0.339626	1.39804	1.39804	0.081137	0.517718	-1.93155	0.355977	1.38161	1.38161	0.0123964	2.8856	2.8856	0.251662	1.50339	1.50339	0.354779	1.38279	1.38279	2.49917	4.58783	1.63177	1
cg09407916	RBM6;RBM6	0.105815	0.185874	1.18106	1.18106	0.0337999	0.745248	-1.34183	0.228153	0.860648	-1.16192	0.637705	1.05789	1.05789	0.21589	1.1671	1.1671	0.417125	0.906303	-1.10338	0.110857	0.81376	-1.22886	0.714269	0.957312	-1.04459	0.0830224	1.25571	1.25571	2.49917	0.557117	0.198152	1
cg26004759	UCP1	0.105816	0.0348725	16.7813	16.7813	0.0527222	12.4998	12.4998	0.131283	6.47927	6.47927	0.618697	1.77796	1.77796	0.186427	4.98521	4.98521	0.10251	7.76175	7.76175	0.0413268	14.8672	14.8672	0.026814	20.2546	20.2546	0.100383	7.88052	7.88052	2.49916	52.0671	18.519	1
cg16861076	BLK	0.105817	0.82836	0.91711	-1.09038	0.197723	0.581247	-1.72044	0.959861	1.02026	1.02026	0.72595	0.869147	-1.15055	0.362602	0.688731	-1.45195	0.498736	0.760579	-1.31479	0.261092	0.626832	-1.59532	0.00475576	4.4548	4.4548	0.63699	1.20857	1.20857	2.49915	6.28603	2.2358	1
cg09312407	DNAJC5B	0.10582	0.416241	0.442526	-2.25975	0.557684	0.558906	-1.78921	0.106493	0.177388	-5.63735	0.103716	0.174502	-5.73059	0.0230571	0.0694911	-14.3903	0.0811704	0.150013	-6.66609	0.251254	0.308464	-3.24186	0.0112874	0.0444388	-22.5029	0.135699	0.206446	-4.84388	2.49912	38.105	13.5533	1
cg25597055	SNIP1	0.105821	0.259155	1.28489	1.28489	0.0100273	0.500516	-1.99794	0.832631	0.955938	-1.04609	0.371758	1.21564	1.21564	0.2652	1.2805	1.2805	0.653701	0.908322	-1.10093	0.364549	1.21945	1.21945	0.752947	1.06955	1.06955	0.0804036	0.661694	-1.51127	2.49911	1.7946	0.638308	1
cg26480524	ELFN2	0.105822	0.0549325	3.54652	3.54652	0.018958	5.21995	5.21995	0.147158	2.4714	2.4714	0.166159	2.36028	2.36028	0.488385	1.50592	1.50592	0.797804	1.16104	1.16104	0.0318463	4.3192	4.3192	0.53242	0.692264	-1.44454	0.0983169	2.87053	2.87053	2.4991	13.3891	4.76226	1
cg00886812	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.105822	0.400504	1.13472	1.13472	0.0985314	1.30482	1.30482	0.354366	1.1502	1.1502	0.319186	0.859689	-1.16321	0.163186	0.803659	-1.24431	0.0650662	0.737711	-1.35554	0.0237093	0.672641	-1.48668	0.710475	0.946712	-1.05629	0.644139	0.93397	-1.0707	2.4991	0.85365	0.30363	1
cg02161039	CCDC40	0.105823	0.132559	0.433049	-2.30921	0.888271	1.07518	1.07518	0.0679642	0.3485	-2.86944	0.30099	1.7378	1.7378	0.399853	0.641209	-1.55955	0.11583	0.414216	-2.4142	0.0294498	0.266521	-3.75205	0.427729	1.5182	1.5182	0.0588281	0.332728	-3.00546	2.49909	10.5241	3.74326	1
cg17847044	MAPKBP1;MAPKBP1	0.105824	0.220624	2.23517	2.23517	0.00489127	10.2731	10.2731	0.0465315	4.15329	4.15329	0.902587	0.926372	-1.07948	0.158922	2.56108	2.56108	0.775318	0.836322	-1.19571	0.306315	1.93776	1.93776	0.260288	2.08214	2.08214	0.657172	1.3218	1.3218	2.49908	15.4411	5.49218	1
cg15936718	GAS8;GAS8	0.105825	0.885482	1.05934	1.05934	0.0107475	3.6042	3.6042	0.0426964	2.5428	2.5428	0.128265	1.93029	1.93029	0.530108	0.775371	-1.2897	0.188538	1.74593	1.74593	0.146566	1.8651	1.8651	0.259357	1.60109	1.60109	0.0986981	2.0632	2.0632	2.49906	6.333	2.25258	1
cg18288069	GLRX5;SNHG10;SCARNA13;SNHG10	0.105828	0.002477	3.09926	3.09926	0.772828	0.925124	-1.08094	0.471456	0.821223	-1.2177	0.873396	0.958028	-1.04381	0.516474	1.19349	1.19349	0.602455	1.15177	1.15177	0.219776	1.41475	1.41475	0.510172	1.19676	1.19676	0.508756	1.19751	1.19751	2.49904	2.86151	1.01782	1
cg05729804	HS6ST1	0.10583	0.250569	1.41366	1.41366	0.0120779	2.46544	2.46544	0.114166	1.64132	1.64132	0.141867	1.57678	1.57678	0.167985	1.52758	1.52758	0.257008	1.40651	1.40651	0.0112877	2.49679	2.49679	0.481849	1.22891	1.22891	0.389997	1.28916	1.28916	2.49902	3.29064	1.17047	1
cg13229286	TCP11L2	0.105831	0.798253	0.979051	-1.0214	0.680343	1.03484	1.03484	0.774356	1.02404	1.02404	0.192725	0.892302	-1.1207	0.294014	0.91396	-1.09414	0.0134843	1.28764	1.28764	0.0379864	0.819668	-1.22001	0.544732	0.950592	-1.05198	0.641503	1.03952	1.03952	2.49901	0.270417	0.0961863	1
cg22414352	ESCO2	0.105833	0.115235	1.29468	1.29468	0.0146599	1.57329	1.57329	0.610859	1.08046	1.08046	0.0298582	1.47025	1.47025	0.519745	1.10342	1.10342	0.505672	0.903165	-1.10722	0.0448547	1.41515	1.41515	0.97687	0.995637	-1.00438	0.557118	1.09368	1.09368	2.49898	0.900152	0.320184	1
cg04131010	NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1	0.105834	0.169679	2.07131	2.07131	0.0179244	4.18724	4.18724	0.0138135	4.54857	4.54857	0.243715	1.83525	1.83525	0.592862	1.30823	1.30823	0.0651948	2.80254	2.80254	0.0723069	2.71397	2.71397	0.242064	1.83953	1.83953	0.329898	1.64957	1.64957	2.49898	9.80765	3.48859	1
cg03984733	HDHD3	0.105836	0.758776	1.18464	1.18464	0.92079	0.946756	-1.05624	0.0207174	4.6277	4.6277	0.669481	1.26644	1.26644	0.683278	0.797996	-1.25314	0.480055	0.673739	-1.48425	0.515378	0.695699	-1.4374	0.00846258	6.35503	6.35503	0.666345	1.2695	1.2695	2.49896	11.9763	4.26002	1
cg10932125	KIF13B	0.105837	0.353267	0.820966	-1.21808	0.0981318	1.45458	1.45458	0.104132	0.692827	-1.44336	0.0648142	0.651599	-1.53469	0.964654	0.990889	-1.00919	0.233579	1.29427	1.29427	0.0415627	1.62472	1.62472	0.784009	1.05839	1.05839	0.65411	0.911057	-1.09763	2.49895	1.68835	0.600556	1
cg07714276	RREB1;RREB1;RREB1;RREB1	0.105837	0.140112	0.580239	-1.72343	0.21183	0.636986	-1.56989	0.123276	0.564118	-1.77268	0.485222	0.784121	-1.27531	0.0258143	0.40349	-2.47837	0.156466	0.59465	-1.68166	0.939402	1.02641	1.02641	0.0553497	2.10597	2.10597	0.270485	0.674735	-1.48206	2.49894	4.65377	1.65538	1
cg09694280	MTUS2	0.105844	0.0745053	0.650792	-1.53659	0.0337995	1.70885	1.70885	0.794797	1.05797	1.05797	0.955034	0.987883	-1.01227	0.0889649	0.666601	-1.50015	0.808801	0.94894	-1.05381	0.170623	1.37089	1.37089	0.122294	0.696254	-1.43626	0.42022	0.836912	-1.19487	2.49887	1.84978	0.657995	1
cg25268100	INPP5A	0.105844	0.205039	0.532267	-1.87876	0.415365	1.48085	1.48085	0.836331	1.10247	1.10247	0.808503	0.891804	-1.12132	0.183433	0.513955	-1.9457	0.560186	0.757439	-1.32024	0.00305911	0.147654	-6.77258	0.323655	0.618328	-1.61726	0.744453	0.857057	-1.16678	2.49887	8.80213	3.13106	1
cg21110939	SV2B;SV2B	0.105844	0.30049	0.788492	-1.26824	0.0261012	1.79445	1.79445	0.175107	1.37631	1.37631	0.552097	0.875257	-1.14252	0.142524	0.705294	-1.41785	0.278651	0.779194	-1.28338	0.266944	1.29197	1.29197	0.0809894	1.53501	1.53501	0.653144	1.10539	1.10539	2.49887	1.94151	0.690627	1
cg02790486	FGFR3;FGFR3;FGFR3	0.105847	0.0169844	0.369119	-2.70916	0.051049	0.467287	-2.14001	0.111521	0.552421	-1.81021	0.982122	1.0077	1.0077	0.0214485	0.388271	-2.57552	0.258558	0.667913	-1.4972	0.28164	0.681753	-1.46681	0.53741	0.807505	-1.23838	0.0930318	0.531181	-1.8826	2.49884	4.63907	1.65021	1
cg20359930	AEBP1	0.10585	0.0549623	2.00912	2.00912	0.101006	1.77852	1.77852	0.628264	1.16931	1.16931	0.339255	1.37132	1.37132	0.311309	0.714754	-1.39908	0.317508	0.718023	-1.39271	0.0148393	2.61388	2.61388	0.174116	1.58965	1.58965	0.375421	1.33862	1.33862	2.49881	4.06746	1.4469	1
cg07549735	TRIM3;TRIM3	0.10585	0.54702	1.1689	1.1689	0.727272	1.0938	1.0938	0.905357	1.03093	1.03093	0.489558	0.835476	-1.19692	0.72708	0.914181	-1.09387	0.308878	1.30955	1.30955	0.108263	1.56624	1.56624	0.00303034	2.83034	2.83034	0.66624	1.11753	1.11753	2.49881	2.59517	0.923168	1
cg15663265	MAST1	0.10585	0.0285346	0.712994	-1.40254	0.434334	0.900839	-1.11008	0.0659555	0.763334	-1.31004	0.630128	0.938457	-1.06558	0.998081	0.999685	-1.00031	0.772229	1.03873	1.03873	0.0570367	1.32563	1.32563	0.0842932	0.778794	-1.28404	0.295638	0.867644	-1.15255	2.49881	0.678226	0.241262	1
cg24876837	TNXB	0.10585	0.962181	0.992472	-1.00759	0.100332	0.750588	-1.33229	0.0151346	0.621494	-1.60903	0.0632439	0.716823	-1.39504	0.0870355	0.739964	-1.35142	0.189692	1.2478	1.2478	0.843389	0.968969	-1.03202	0.537893	0.90538	-1.10451	0.229681	0.818026	-1.22245	2.49881	1.00512	0.357548	1
cg21079345	AKR1B1	0.105851	0.594834	0.800809	-1.24874	0.140104	1.92878	1.92878	0.42387	1.40214	1.40214	0.395301	1.4337	1.4337	0.303264	0.643227	-1.55466	0.531319	0.769202	-1.30005	0.00565223	0.222532	-4.49373	0.912604	1.04648	1.04648	0.61292	1.23505	1.23505	2.4988	6.77707	2.41078	1
cg27629145	ATF6B;ATF6B	0.105853	0.178528	0.463379	-2.15806	0.0868811	0.361473	-2.76645	0.455283	0.664141	-1.50571	0.607704	0.756798	-1.32136	0.0285142	0.248852	-4.01845	0.300244	0.561185	-1.78194	0.0123588	0.187084	-5.34519	0.0365566	0.270487	-3.69703	0.189228	0.473094	-2.11374	2.49878	11.4617	4.07727	1
cg06322323	SLC45A1	0.105853	0.813973	1.08183	1.08183	0.0522332	0.478648	-2.08922	0.708898	0.882367	-1.13331	0.347959	0.72436	-1.38053	0.909324	0.962695	-1.03875	0.722668	0.887886	-1.12627	0.0194489	2.56694	2.56694	0.276239	1.45927	1.45927	0.0772233	1.92627	1.92627	2.49878	4.40694	1.56768	1
cg07369559	CHST4;CHST4	0.105854	0.0315619	0.230598	-4.33654	0.10122	0.351919	-2.84156	0.0209634	0.198621	-5.03471	0.622052	1.33528	1.33528	0.607006	1.35244	1.35244	0.474601	1.52675	1.52675	0.148687	0.40602	-2.46293	0.488787	1.50565	1.50565	0.877083	0.91387	-1.09425	2.49877	13.4011	4.76717	1
cg11072887	RNF8;RNF8	0.105854	0.77542	0.960902	-1.04069	0.0112767	1.55668	1.55668	0.377095	1.13471	1.13471	0.157914	1.23432	1.23432	0.819217	1.03244	1.03244	0.641257	1.06762	1.06762	0.250879	0.845959	-1.18209	0.0607559	0.744705	-1.34281	0.84687	1.02732	1.02732	2.49877	0.769407	0.273702	1
cg08823975	ACSL1	0.105856	0.183314	0.764826	-1.30749	0.761537	1.0595	1.0595	0.598854	1.10606	1.10606	0.7334	0.937139	-1.06708	0.297089	1.22787	1.22787	0.193505	0.770064	-1.29859	0.0095395	1.86533	1.86533	0.223651	0.784441	-1.27479	0.319556	0.822561	-1.21572	2.49875	1.42713	0.507678	1
cg11670211	NOX4;NOX4;NOX4;NOX4	0.105856	0.865455	1.04564	1.04564	0.0259725	0.498804	-2.0048	0.33668	0.77052	-1.29782	0.898015	0.966817	-1.03432	0.771911	0.92636	-1.07949	0.586061	1.1557	1.1557	0.0149053	0.454755	-2.19899	0.603049	1.14805	1.14805	0.149956	1.50108	1.50108	2.49875	2.74084	0.975011	1
cg07152355	COBL	0.105856	0.28875	1.55911	1.55911	0.304588	1.53535	1.53535	0.0309735	2.77718	2.77718	0.361669	1.45956	1.45956	0.167394	1.81031	1.81031	0.128787	1.93864	1.93864	0.0195821	3.11902	3.11902	0.0151799	3.32944	3.32944	0.24691	1.62949	1.62949	2.49875	6.43603	2.28951	1
cg02774282	CCDC162	0.105862	0.0263153	0.295548	-3.38354	0.524637	0.742098	-1.34753	0.0218581	0.280032	-3.57102	0.125532	0.464398	-2.15333	0.285073	0.598284	-1.67145	0.0584931	0.371971	-2.68838	0.050457	0.356505	-2.80501	0.0815624	0.409397	-2.44262	0.187527	0.524037	-1.90826	2.49869	8.47	3.01314	1
cg22408735	PXN;PXN;PXN	0.105865	0.389565	1.22314	1.22314	0.630237	0.895114	-1.11718	0.661016	0.904112	-1.10606	0.12861	0.687157	-1.45527	0.0916191	0.654215	-1.52855	0.354341	0.804387	-1.24318	0.014886	1.98218	1.98218	0.158303	0.708552	-1.41133	0.707348	0.917453	-1.08997	2.49866	2.06511	0.734655	1
cg04212884	CENPT;THAP11	0.105867	0.977542	0.995821	-1.0042	0.604946	0.925308	-1.08072	0.645986	1.07123	1.07123	0.551908	0.914361	-1.09366	0.389016	0.876936	-1.14033	0.00365329	0.557212	-1.79465	0.627852	1.07537	1.07537	0.0751552	0.744704	-1.34282	0.237652	0.83192	-1.20204	2.49864	0.875699	0.31153	1
cg05662404	MAGI2	0.105868	0.618409	1.13342	1.13342	0.808799	0.94133	-1.06233	0.232262	1.36675	1.36675	0.00487098	0.394202	-2.53677	0.503137	1.18468	1.18468	0.464609	1.20397	1.20397	0.746502	0.922293	-1.08425	0.636865	0.888164	-1.12592	0.197351	1.40477	1.40477	2.49863	2.4615	0.875681	1
cg10136216	PDGFB;PDGFB	0.105869	0.178845	0.412346	-2.42515	0.269848	0.491394	-2.03503	0.113754	0.342522	-2.91952	0.0364914	0.216591	-4.617	0.0233141	0.180175	-5.55017	0.0671751	0.277073	-3.60916	0.0234109	0.180485	-5.54063	0.123272	0.353872	-2.82588	0.0907884	0.312725	-3.1977	2.65369	15.5385	4.55422	1
cg15628303	UBXN11;UBXN11;UBXN11	0.105869	0.172846	2.20823	2.20823	0.00537417	7.40165	7.40165	0.0952809	2.72071	2.72071	0.10477	2.63313	2.63313	0.901157	1.07021	1.07021	0.325946	1.73998	1.73998	0.797724	0.869138	-1.15057	0.0945328	2.72809	2.72809	0.283998	1.83642	1.83642	2.49861	11.8013	4.19835	1
cg25986469	GPS1;GPS1;GPS1;RFNG	0.10587	0.546012	1.12225	1.12225	0.455336	0.866296	-1.15434	0.346161	0.832664	-1.20096	0.134057	0.737127	-1.35662	0.623995	0.910959	-1.09774	0.00730126	0.520479	-1.92131	0.0889656	1.4249	1.4249	0.970965	1.00689	1.00689	0.941504	1.01395	1.01395	2.4986	1.40995	0.501595	1
cg12989104	N4BP1	0.105872	0.902515	1.03903	1.03903	0.00786103	0.344503	-2.90273	0.931618	0.973539	-1.02718	0.381952	1.32337	1.32337	0.464351	0.792391	-1.262	0.0818427	0.547433	-1.82671	0.192402	1.53897	1.53897	0.799094	1.08295	1.08295	0.231025	0.675311	-1.4808	2.49858	3.86365	1.37452	1
cg02192117	TNRC18	0.105875	0.301353	1.80557	1.80557	0.0143702	5.28633	5.28633	0.267412	1.89176	1.89176	0.559123	1.38535	1.38535	0.927323	1.05163	1.05163	0.084642	2.86442	2.86442	0.183938	0.459419	-2.17666	0.131485	0.407202	-2.45579	0.507188	1.4496	1.4496	2.49856	12.0484	4.28637	1
cg02718654	SPTBN4;BLVRB	0.105875	0.00884156	0.0379052	-26.3816	0.950431	0.949867	-1.05278	0.393637	2.08417	2.08417	?	?	?	0.499562	0.56407	-1.77283	?	?	?	0.711784	0.735	-1.36054	0.514809	1.73573	1.73573	0.404113	2.04822	2.04822	3.26072	25.2265	5.52606	1
cg08146442	AEBP2;AEBP2	0.105875	0.0908808	0.592843	-1.68679	0.143926	0.643581	-1.55381	0.35961	0.767669	-1.30265	0.0612256	0.553181	-1.80773	0.02374	0.468736	-2.1334	0.385953	0.779201	-1.28337	0.50916	1.20681	1.20681	0.390477	0.78114	-1.28018	0.0194014	0.452292	-2.21096	2.49855	3.11801	1.10927	1
cg03101522	C6orf58	0.105876	0.840459	1.03636	1.03636	0.255687	0.810362	-1.23402	0.302073	1.2086	1.2086	0.00507128	0.518635	-1.92814	0.173556	0.773686	-1.29251	0.392658	1.16787	1.16787	0.990455	0.997882	-1.00212	0.4828	1.13473	1.13473	0.997731	0.999496	-1.0005	2.49855	1.24267	0.442096	1
cg05062510	PTPRN2;PTPRN2;PTPRN2	0.105876	0.0928014	0.549346	-1.82035	0.150397	0.606954	-1.64757	0.798676	1.08631	1.08631	0.512273	1.2402	1.2402	0.0056522	0.308455	-3.24196	0.826557	1.07367	1.07367	0.241707	0.672391	-1.48723	0.770459	0.909587	-1.0994	0.15576	0.611447	-1.63546	2.49855	4.15153	1.47696	1
cg19023585	AGAP1;AGAP1	0.105877	0.00773397	0.139149	-7.18654	0.332996	0.562326	-1.77833	0.0609059	0.295889	-3.37964	0.692186	0.795027	-1.25782	0.0235429	0.210328	-4.75448	0.702557	0.801575	-1.24754	0.247004	0.497679	-2.00933	0.976183	1.01736	1.01736	0.313752	0.548485	-1.8232	2.49854	13.1498	4.67823	1
cg10985026	ZBTB17	0.105881	0.549247	1.34225	1.34225	0.696719	0.826749	-1.20956	0.0895527	0.402842	-2.48236	0.6774	0.816103	-1.22534	0.67376	0.814097	-1.22835	0.334369	0.616551	-1.62192	0.00382744	0.150497	-6.64466	0.91691	0.950573	-1.052	0.100791	0.417674	-2.39421	2.49849	9.3364	3.32161	1
cg01496220	PRDX3;PRDX3	0.105882	0.495381	1.09301	1.09301	0.049945	1.33272	1.33272	0.138661	1.22726	1.22726	0.844397	1.02557	1.02557	0.104541	0.796171	-1.25601	0.150637	1.21885	1.21885	0.0350855	1.37083	1.37083	0.0926133	1.2684	1.2684	0.819142	0.971006	-1.02986	2.49848	0.653083	0.232348	1
cg24254387	BTBD19;TCTEX1D4	0.105882	0.144459	0.371161	-2.69425	0.0576538	0.257386	-3.88521	0.00524944	0.0975323	-10.253	0.146546	0.373346	-2.67848	0.130528	0.356148	-2.80782	0.718355	0.79534	-1.25732	0.841299	1.13514	1.13514	0.931789	0.947313	-1.05562	0.433944	0.603628	-1.65665	2.49848	15.8176	5.62745	1
cg11644123	ASPSCR1	0.105883	0.371327	0.798298	-1.25266	0.291374	1.30825	1.30825	0.160281	0.692019	-1.44505	0.0168716	2.04506	2.04506	0.197772	0.715991	-1.39667	0.14359	1.4706	1.4706	0.479229	1.19306	1.19306	0.236446	1.35587	1.35587	0.537706	0.858009	-1.16549	2.49847	2.38319	0.847876	1
cg19303682	EBI3	0.105887	0.200614	0.443633	-2.25411	0.778893	0.844313	-1.18439	0.745391	0.822093	-1.21641	0.0330086	0.223352	-4.47724	0.202826	0.445597	-2.24418	0.788178	0.850516	-1.17576	0.00819566	0.130822	-7.644	0.106724	0.346832	-2.88324	0.0706301	0.296805	-3.36922	2.49843	14.3041	5.08911	1
cg20139145	MNT	0.105888	0.515894	0.758199	-1.31892	0.168228	1.85341	1.85341	0.898	1.05537	1.05537	0.894355	1.05742	1.05742	0.156945	0.529353	-1.8891	0.0224757	0.317044	-3.15414	0.0173576	0.296007	-3.3783	0.978637	1.01131	1.01131	0.337436	0.659979	-1.5152	2.49842	6.98657	2.48568	1
cg20209009	TBX21	0.105891	0.221675	0.803458	-1.24462	0.152319	1.2985	1.2985	0.47628	0.883918	-1.13133	0.142035	0.764202	-1.30855	0.719068	1.06347	1.06347	0.687419	1.07134	1.07134	0.0260718	0.637726	-1.56807	0.102308	1.35607	1.35607	0.231647	1.23828	1.23828	2.49838	1.14839	0.408581	1
cg22397854	OSCP1;OSCP1	0.105891	0.383084	0.830213	-1.20451	0.832841	1.04495	1.04495	0.726028	0.929426	-1.07593	0.528226	1.14218	1.14218	0.309165	1.24477	1.24477	0.0708525	1.52178	1.52178	0.150212	0.725528	-1.37831	0.0211815	0.56187	-1.77977	0.110271	0.696228	-1.43631	2.49838	1.71245	0.609266	1
cg13800022	ITGB1;ITGB1	0.105892	0.0169852	0.603547	-1.65687	0.536414	1.11471	1.11471	0.545884	1.11184	1.11184	0.820533	0.961352	-1.0402	0.019163	0.611614	-1.63502	0.736088	0.943011	-1.06043	0.745646	0.945105	-1.05808	0.0530309	0.682936	-1.46427	0.540885	0.898188	-1.11335	2.49837	1.19055	0.423583	1
cg02841199	LCA5;LCA5	0.105892	0.0939877	0.400281	-2.49824	0.167995	2.07629	2.07629	0.00726313	5.59489	5.59489	0.299533	1.70676	1.70676	0.873528	1.08243	1.08243	0.578895	0.756726	-1.32148	0.812075	1.12572	1.12572	0.60462	1.29656	1.29656	0.245779	1.82866	1.82866	2.49837	9.78241	3.48046	1
cg17965690	SLC44A2;SLC44A2	0.105894	0.0412913	3.83782	3.83782	0.143852	2.45277	2.45277	0.0342108	4.10313	4.10313	0.0796891	3.03812	3.03812	0.419084	1.60274	1.60274	0.614174	0.747939	-1.33701	0.291105	1.86996	1.86996	0.326427	1.78403	1.78403	0.0178327	5.18356	5.18356	2.49836	12.9168	4.59566	1
cg00839579	MEOX2	0.105896	0.253243	4.79525	4.79525	0.291241	0.237214	-4.2156	0.111949	9.71791	9.71791	0.621024	1.92462	1.92462	0.654718	1.80647	1.80647	0.807768	1.37746	1.37746	0.744787	0.651085	-1.5359	0.00385327	166.658	166.658	0.431026	2.87449	2.87449	2.49834	68.2925	24.2979	1
cg19349217	HCG4P6	0.105897	0.0928289	6.63453	6.63453	0.66595	1.55964	1.55964	0.185614	4.20493	4.20493	0.797427	0.768583	-1.3011	0.45033	0.455169	-2.19699	0.672083	0.646824	-1.54601	0.336016	2.75972	2.75972	0.616657	1.67609	1.67609	0.00435284	49.325	49.325	2.49832	41.4322	14.7414	1
cg04119774	HELLS	0.105899	0.355965	0.873986	-1.14418	0.361237	0.875344	-1.14241	0.836227	1.0298	1.0298	0.142808	1.25036	1.25036	0.443729	0.895144	-1.11714	0.228127	0.835731	-1.19656	0.00482621	0.588385	-1.69957	0.261212	0.846863	-1.18083	0.896333	0.981678	-1.01866	2.4983	0.796229	0.283296	1
cg02427468	ESYT2	0.1059	0.123923	0.302089	-3.31028	0.205934	0.383443	-2.60795	0.435559	0.564668	-1.77095	0.121773	0.299672	-3.33699	0.0403849	0.182495	-5.47961	0.0871509	0.257425	-3.88463	0.0190578	0.130181	-7.68161	0.0390654	0.179808	-5.56149	0.0703442	0.233808	-4.27701	2.4983	20.4227	7.26634	1
cg18680587	CYP4F8	0.105903	0.717605	0.825809	-1.21093	0.0374458	0.280146	-3.56957	0.11602	0.406505	-2.46	0.243934	0.526013	-1.90109	0.0486657	0.305242	-3.27609	0.156082	0.4495	-2.2247	0.0139457	0.201827	-4.95473	0.05582	0.319255	-3.1323	0.319426	0.581468	-1.71978	2.49827	10.9874	3.90935	1
cg21691267	ZNF24	0.105903	0.888851	1.03983	1.03983	0.0413896	0.51836	-1.92916	0.150184	0.649963	-1.53855	0.19731	1.46329	1.46329	0.302937	1.34724	1.34724	0.0817755	1.71386	1.71386	0.077604	0.578166	-1.72961	0.948843	1.01808	1.01808	0.391246	0.782417	-1.27809	2.49827	3.08706	1.09838	1
cg18474180	SUV420H1;SUV420H1	0.105904	0.290275	0.747518	-1.33776	0.0531227	1.79073	1.79073	0.951917	1.01612	1.01612	0.992213	1.00259	1.00259	0.44648	0.814044	-1.22843	0.609957	1.14615	1.14615	0.0162274	0.458634	-2.18039	0.0607124	0.570853	-1.75177	0.767681	0.924462	-1.08171	2.49826	2.78145	0.98965	1
cg11888572	PARP11	0.105906	0.557157	1.08756	1.08756	0.957223	1.00761	1.00761	0.085169	1.30873	1.30873	0.244292	0.841816	-1.18791	0.295864	1.1656	1.1656	0.00998152	0.631343	-1.58392	0.772178	1.04189	1.04189	0.586735	1.08068	1.08068	0.24396	1.18807	1.18807	2.49823	0.790673	0.281327	1
cg06405317	LMNB1	0.105906	0.357617	0.605539	-1.65142	0.393024	1.59036	1.59036	0.285249	1.80134	1.80134	0.00465446	7.35699	7.35699	0.225514	0.509196	-1.96388	0.329495	1.70508	1.70508	0.554884	1.37257	1.37257	0.664996	0.793726	-1.25988	0.998335	1.00111	1.00111	2.49823	11.1245	3.95819	1
cg01165142	IL4R	0.105907	0.371724	1.41376	1.41376	0.370125	0.70647	-1.41549	0.3667	1.41921	1.41921	0.031586	2.58995	2.58995	0.0941283	0.49915	-2.00341	0.394272	1.39017	1.39017	0.662361	1.18043	1.18043	0.0481691	2.34566	2.34566	0.237944	0.627061	-1.59474	2.49822	5.63956	2.0066	1
cg00248521	CASKIN1	0.105907	0.13396	0.528747	-1.89126	0.0253223	2.85281	2.85281	0.13027	1.90468	1.90468	0.20776	1.68828	1.68828	0.836431	0.921724	-1.08492	0.150892	0.545018	-1.8348	0.403643	1.40066	1.40066	0.333402	1.48198	1.48198	0.281618	0.643278	-1.55454	2.49822	6.15053	2.18841	1
cg26804995	TFDP1;TFDP1	0.105909	0.0275797	0.513957	-1.94569	0.0382917	0.541534	-1.84661	0.952333	0.984844	-1.01539	0.870527	0.959183	-1.04255	0.0157454	0.46953	-2.12979	0.0851061	0.614854	-1.6264	0.149739	0.67398	-1.48372	0.56308	0.861255	-1.1611	0.30918	0.764237	-1.30849	2.4982	2.58246	0.918869	1
cg14260522	BAZ1B	0.10591	0.409164	0.49655	-2.0139	0.491433	0.560144	-1.78526	0.421694	1.97527	1.97527	0.00886551	0.0631298	-15.8404	?	?	?	0.511653	1.73676	1.73676	0.580535	1.58867	1.58867	0.916291	1.09111	1.09111	0.0941826	4.60003	4.60003	2.52466	24.4456	9.68271	1
cg24413054	FLJ36031	0.105913	0.930958	1.02604	1.02604	0.0129833	2.49582	2.49582	0.882233	0.956975	-1.04496	0.395913	1.29425	1.29425	0.356724	0.754861	-1.32475	0.161391	0.641653	-1.55847	0.191495	0.663479	-1.50721	0.297754	1.37746	1.37746	0.14023	0.624522	-1.60123	2.49816	3.48242	1.23911	1
cg07215571	SMOC2;SMOC2	0.105914	0.0972129	0.719806	-1.38926	0.739819	0.941577	-1.06205	0.905302	0.978732	-1.02173	0.0912536	0.714648	-1.39929	0.297866	0.822896	-1.21522	0.42879	1.15709	1.15709	0.0109144	1.78093	1.78093	0.968615	1.00713	1.00713	0.629825	0.916017	-1.09168	2.49815	1.29087	0.459317	1
cg10845124	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.105914	0.391602	0.85991	-1.16291	0.107871	1.35212	1.35212	0.581916	0.908812	-1.10034	0.183763	0.784677	-1.27441	0.0220412	0.623643	-1.60348	0.923792	0.983683	-1.01659	0.0934254	1.37338	1.37338	0.765904	0.949955	-1.05268	0.195301	1.26557	1.26557	2.49815	1.16979	0.416232	1
cg20084796	ZFYVE1	0.105914	0.885789	1.04989	1.04989	0.0315746	2.3487	2.3487	0.113875	1.79072	1.79072	0.191359	0.625907	-1.59768	0.550902	0.815149	-1.22677	0.696794	1.14183	1.14183	0.0160584	2.71309	2.71309	0.793888	1.09274	1.09274	0.654738	0.858593	-1.1647	2.49815	4.53927	1.61516	1
cg15630759	SF3A1;SF3A1;CCDC157	0.105915	0.0959684	0.774861	-1.29055	0.128053	1.25801	1.25801	0.070161	1.32636	1.32636	0.0683286	1.32941	1.32941	0.383391	0.882759	-1.13281	0.443998	0.896842	-1.11502	0.140089	0.801338	-1.24791	0.489402	0.906677	-1.10293	0.58943	0.926805	-1.07898	2.49815	0.7701	0.274016	1
cg12286569	TMEM59L	0.105916	0.286528	1.80341	1.80341	0.116536	0.403079	-2.4809	0.351363	1.667	1.667	0.448195	0.66244	-1.50957	0.160929	0.450296	-2.22076	0.0731943	2.89955	2.89955	0.869348	0.916026	-1.09167	0.0231058	0.235209	-4.25153	0.788714	1.15385	1.15385	2.49813	11.2315	3.99642	1
cg10935723	KCNK10	0.105918	0.912662	0.97578	-1.02482	0.745386	0.929773	-1.07553	0.00902027	0.476227	-2.09984	0.344705	0.804529	-1.24296	0.0262724	0.554872	-1.80222	0.114897	0.681734	-1.46685	0.315765	1.26086	1.26086	0.586199	0.884411	-1.1307	0.627473	0.896475	-1.11548	2.49811	1.97584	0.703052	1
cg13643585	HOXB9	0.105919	0.922845	0.970596	-1.03029	0.389231	1.31237	1.31237	0.274003	1.42003	1.42003	0.115438	0.590232	-1.69425	0.333137	0.735239	-1.3601	0.216296	0.669748	-1.4931	0.263274	0.698172	-1.43231	0.0121757	2.61829	2.61829	0.664398	1.14394	1.14394	2.4981	3.75509	1.33616	1
cg16152813	FAM57B	0.105919	0.731724	0.933899	-1.07078	0.17428	1.33268	1.33268	0.0217548	1.72864	1.72864	0.692446	0.924038	-1.08221	0.335014	1.21844	1.21844	0.989871	1.00253	1.00253	0.0312584	0.605199	-1.65235	0.918879	1.02045	1.02045	0.149688	1.35926	1.35926	2.4981	1.5624	0.555945	1
cg18236066	RPH3A;RPH3A	0.10592	0.0394416	0.381838	-2.61891	0.588323	1.24713	1.24713	0.70544	0.857735	-1.16586	0.416285	0.714807	-1.39898	0.00658544	0.240298	-4.1615	0.488547	0.752501	-1.3289	0.114486	0.499708	-2.00117	0.107957	0.492238	-2.03154	0.649211	0.831055	-1.20329	2.49809	6.46122	2.29908	1
cg09796094	KIAA0284;KIAA0284	0.105921	0.716721	1.09173	1.09173	0.0457282	1.73616	1.73616	0.120525	1.50017	1.50017	0.43771	0.826408	-1.21006	0.538406	0.860682	-1.16187	0.471996	1.19268	1.19268	0.782517	0.935526	-1.06892	0.275232	0.760789	-1.31442	0.0131617	2.09677	2.09677	2.49808	2.29509	0.816659	1
cg21918848	CAMKK1;CAMKK1;CAMKK1	0.105922	0.354015	0.809893	-1.23473	0.0435279	0.598545	-1.67072	0.0948727	0.666395	-1.50061	0.570931	1.135	1.135	0.0467543	0.604451	-1.65439	0.916925	1.02334	1.02334	0.0501467	1.63856	1.63856	0.56569	0.879506	-1.137	0.760628	0.934665	-1.0699	2.49807	1.93446	0.688339	1
cg24029414	ADAM12;ADAM12	0.105927	0.0726819	0.668999	-1.49477	0.722496	0.930921	-1.0742	0.494017	0.869859	-1.14961	0.954761	0.988676	-1.01145	0.00938646	0.516249	-1.93705	0.697484	0.92458	-1.08157	0.0620404	1.52465	1.52465	0.422663	0.848395	-1.1787	0.984596	0.996132	-1.00388	2.49801	1.5943	0.567314	1
cg11488569	ZNF79	0.105928	0.143827	0.761589	-1.31304	0.138959	1.31811	1.31811	0.126661	1.33179	1.33179	0.909449	1.01993	1.01993	0.139811	1.31721	1.31721	0.215364	1.25377	1.25377	0.307143	0.832486	-1.20122	0.920073	1.01756	1.01756	0.0176182	1.65001	1.65001	2.498	1.18983	0.423389	1
cg12923215	CMTM7;CMTM7	0.105929	0.022159	0.372853	-2.68202	0.729734	0.882716	-1.13287	0.162134	0.584558	-1.71069	0.00865783	0.300043	-3.33285	0.44165	0.754109	-1.32607	0.200096	0.614544	-1.62722	0.225922	0.63292	-1.57998	0.0908064	0.511625	-1.95456	0.135603	0.560703	-1.78347	2.498	5.11905	1.82156	1
cg01080781	C1orf86;PRKCZ;PRKCZ;PRKCZ	0.105929	0.637183	0.871974	-1.14682	0.0169477	2.31594	2.31594	0.0979185	1.68802	1.68802	0.69628	0.893044	-1.11977	0.104196	0.599151	-1.66903	0.667789	1.13259	1.13259	0.111729	1.64788	1.64788	0.625963	0.867926	-1.15217	0.217084	1.45426	1.45426	2.49799	3.28978	1.17064	1
cg01028142	CMPK2	0.10593	0.161563	0.64559	-1.54897	0.00753061	2.73642	2.73642	0.0885581	1.73321	1.73321	0.524876	0.828105	-1.20758	0.557644	0.840648	-1.18956	0.538892	1.19976	1.19976	0.978177	1.00804	1.00804	0.602007	1.16652	1.16652	0.485186	0.812517	-1.23074	2.49799	3.38999	1.2063	1
cg24023157	ZKSCAN5;ZKSCAN5	0.10593	0.686012	0.955222	-1.04688	0.0284631	1.33837	1.33837	0.181321	1.17346	1.17346	0.670796	0.952949	-1.04937	0.533527	0.931386	-1.07367	0.843575	1.02252	1.02252	0.00858814	1.45912	1.45912	0.742242	0.963482	-1.0379	0.484424	1.08339	1.08339	2.49799	0.502663	0.178869	1
cg24461814	KRT84	0.105932	0.894089	1.03089	1.03089	0.0113102	0.484549	-2.06377	0.392159	0.818533	-1.2217	0.952363	1.01374	1.01374	0.2074	1.35482	1.35482	0.848909	1.04453	1.04453	0.0632823	1.61137	1.61137	0.495467	0.85377	-1.17128	0.203738	0.73609	-1.35853	2.49796	2.06406	0.734488	1
cg00961450	RBPJ;RBPJ;RBPJ;RBPJ	0.105932	0.0580972	0.606372	-1.64915	0.338938	0.794358	-1.25888	0.144829	0.693672	-1.4416	0.637193	1.11735	1.11735	0.0197829	0.518241	-1.9296	0.0340274	0.561076	-1.78229	0.108361	0.664244	-1.50547	0.157397	0.70248	-1.42353	0.794347	1.06292	1.06292	2.49796	2.15824	0.768	1
cg15131024	SHANK2;SHANK2	0.105933	0.574307	0.885152	-1.12975	0.915325	1.02312	1.02312	0.644181	1.10514	1.10514	0.212291	1.3263	1.3263	0.464127	1.1737	1.1737	0.179145	1.35899	1.35899	0.0671461	0.643372	-1.55431	0.600436	0.892615	-1.1203	0.0116791	0.507958	-1.96867	2.49795	1.82789	0.650449	1
cg04865480	PDK1	0.105934	0.0347605	1.72451	1.72451	0.0199677	1.8624	1.8624	0.295998	1.27119	1.27119	0.123269	1.44729	1.44729	0.128307	1.4391	1.4391	0.443681	1.18878	1.18878	0.449197	1.18621	1.18621	0.0287938	1.76994	1.76994	0.0554547	1.61717	1.61717	2.49794	1.93982	0.690282	1
cg00932128	HSPA2	0.105935	0.347576	1.34472	1.34472	0.0544882	1.95059	1.95059	0.0237644	2.28523	2.28523	0.219799	1.48459	1.48459	0.220251	1.48396	1.48396	0.323037	1.36698	1.36698	0.874735	0.952834	-1.0495	0.00955681	2.73202	2.73202	0.267613	1.42427	1.42427	2.49793	3.71035	1.32033	1
cg23542426	RPTOR;RPTOR	0.10594	0.770571	0.923383	-1.08297	0.0270235	0.489845	-2.04146	0.138593	0.647518	-1.54436	0.822712	1.06308	1.06308	0.0262053	0.487281	-2.0522	0.599031	0.865344	-1.15561	0.220106	1.42114	1.42114	0.309094	1.33234	1.33234	0.207273	0.695927	-1.43693	2.49788	2.93955	1.04606	1
cg07713135	FARP1	0.105942	0.0936347	0.623031	-1.60506	0.820229	1.06015	1.06015	0.0902962	0.619392	-1.61449	0.17641	0.69155	-1.44603	0.0403378	0.544551	-1.83638	0.0252997	0.505369	-1.97875	0.531448	1.17665	1.17665	0.709536	1.10078	1.10078	0.103751	0.633462	-1.57863	2.49786	2.60529	0.927121	1
cg05570946	LAMA4;LAMA4;LAMA4	0.105946	0.395092	0.57832	-1.72915	0.88934	1.09148	1.09148	0.229795	0.452828	-2.20834	0.472873	1.58256	1.58256	0.00348353	0.0826843	-12.0942	0.584706	1.41482	1.41482	0.754535	0.821022	-1.21799	0.697092	1.27883	1.27883	0.434469	1.65104	1.65104	2.49782	15.6389	5.56536	1
cg17464807	MAD1L1;MAD1L1;MAD1L1	0.105946	0.66245	0.706214	-1.416	0.408402	1.95346	1.95346	0.973481	0.97402	-1.02667	0.580873	0.643009	-1.55519	0.0728542	0.205045	-4.87698	0.111026	0.25288	-3.95444	0.00560848	0.0561498	-17.8095	0.434564	0.531861	-1.88019	0.153489	0.298123	-3.35431	2.49782	24.8075	8.82815	1
cg07613333	NAV2;NAV2;NAV2	0.105947	0.0247664	0.249009	-4.01591	0.820974	0.888787	-1.12513	0.301564	0.573071	-1.74498	0.796085	1.1442	1.1442	0.950483	0.968213	-1.03283	0.889574	0.930288	-1.07494	0.00949447	0.180994	-5.52504	0.250412	1.86773	1.86773	0.313153	0.581204	-1.72057	2.49781	10.7035	3.80902	1
cg23479922	11-Mar	0.105948	0.0870002	2.52743	2.52743	0.768931	1.15549	1.15549	0.0101671	4.90469	4.90469	0.153972	2.11441	2.11441	0.96332	1.02282	1.02282	0.0981891	0.410706	-2.43483	0.970383	1.01838	1.01838	0.934687	0.960588	-1.04103	0.249855	1.80394	1.80394	2.4978	9.52137	3.38835	1
cg19557518	MRC2	0.105948	0.219341	1.46253	1.46253	0.840873	0.94255	-1.06095	0.908156	1.03455	1.03455	0.206934	1.47954	1.47954	0.98052	1.00721	1.00721	0.243291	1.43238	1.43238	0.00635508	0.351519	-2.84479	0.415269	1.27772	1.27772	0.346711	1.33001	1.33001	2.4978	3.42674	1.21947	1
cg03537537	DCAF4L2;DCAF4L2	0.105949	0.677781	1.10471	1.10471	0.0584478	1.66458	1.66458	0.0480962	1.7133	1.7133	0.0771148	0.625987	-1.59748	0.901398	1.02998	1.02998	0.465745	0.837851	-1.19353	0.0581281	1.66593	1.66593	0.472401	0.840134	-1.19029	0.403765	1.22583	1.22583	2.49779	2.24699	0.799639	1
cg03439212	KLF10;KLF10	0.10595	0.137704	0.74111	-1.34933	0.680132	0.925241	-1.0808	0.203544	1.28601	1.28601	0.111478	0.722587	-1.38392	0.860467	1.03353	1.03353	0.0530207	0.662269	-1.50996	0.11627	1.37699	1.37699	0.522391	1.1292	1.1292	0.0987093	1.40402	1.40402	2.49778	1.38966	0.494541	1
cg25207627	BASP1	0.105964	0.0818148	0.353335	-2.83017	0.456696	1.50519	1.50519	0.831058	0.891138	-1.12216	0.479189	0.678363	-1.47414	0.0524144	0.304239	-3.28689	0.366053	0.605938	-1.65033	0.0055984	0.140515	-7.11668	0.618081	0.762498	-1.31148	0.385032	0.618506	-1.6168	2.49764	11.512	4.09702	1
cg23920472	PSMC3	0.105964	0.112445	0.794961	-1.25792	0.533336	1.08738	1.08738	0.0812036	1.29265	1.29265	0.302262	1.15247	1.15247	0.351951	1.13564	1.13564	0.967606	1.00541	1.00541	0.239079	1.17788	1.17788	0.101057	1.26927	1.26927	0.012644	1.50926	1.50926	2.49763	0.697451	0.248217	1
cg20014398	PAX6;PAX6;PAX6	0.105965	0.187448	3.75107	3.75107	0.00793198	25.0709	25.0709	0.096694	5.61611	5.61611	0.810094	1.25586	1.25586	0.148962	4.32601	4.32601	0.177296	3.88418	3.88418	0.059132	7.51173	7.51173	0.0599032	7.45469	7.45469	0.774556	1.31227	1.31227	2.49763	35.4234	12.6069	1
cg19807716	ANGPTL1;RALGPS2	0.105966	0.0360257	0.40587	-2.46384	0.112302	0.52768	-1.89509	0.0304164	0.390347	-2.56182	0.471683	0.762841	-1.31089	0.0207073	0.357039	-2.80081	0.230493	0.628051	-1.59223	0.0893137	0.500211	-1.99915	0.864272	1.0653	1.0653	0.176414	0.587781	-1.70132	2.49762	5.40806	1.9247	1
cg10139151	SNORD32B	0.105967	0.62511	0.847016	-1.18062	0.197429	0.63167	-1.5831	0.187343	0.624276	-1.60186	0.124347	0.570615	-1.75249	0.00633515	0.301672	-3.31485	0.055167	0.480467	-2.08131	0.0482964	0.467272	-2.14008	0.357619	0.726896	-1.37571	0.263259	0.674874	-1.48176	2.4976	4.49682	1.6004	1
cg19464419	EPHA7	0.10597	0.559898	1.10196	1.10196	0.00695103	0.562615	-1.77742	0.3533	0.854452	-1.17034	0.668487	0.931509	-1.07353	0.909016	1.01901	1.01901	0.433775	1.14059	1.14059	0.0729609	1.39013	1.39013	0.660874	0.929873	-1.07542	0.343859	0.85164	-1.17421	2.49758	1.07295	0.381865	1
cg07485777	TRIM60	0.105974	0.0953485	0.728889	-1.37195	0.595831	0.911754	-1.09679	0.704602	0.93638	-1.06794	0.600242	1.09555	1.09555	0.338232	1.18575	1.18575	0.681341	1.07386	1.07386	0.00459166	1.91773	1.91773	0.892239	0.976879	-1.02367	0.920485	1.01738	1.01738	2.49753	1.17814	0.419306	1
cg15079455	EEFSEC	0.105977	0.551225	0.760932	-1.31418	0.0280218	0.30847	-3.2418	0.114854	0.459787	-2.17492	0.0810063	0.416149	-2.40299	0.016262	0.264037	-3.78735	0.0405533	0.342403	-2.92053	0.216239	0.554489	-1.80346	0.884572	0.936292	-1.06804	0.249216	0.579406	-1.72591	2.4975	8.12263	2.89094	1
cg00906762	HLTF;HLTF	0.105981	0.926794	1.02025	1.02025	0.562161	0.879973	-1.1364	0.657643	0.907274	-1.1022	0.215954	1.32859	1.32859	0.0113954	0.501071	-1.99572	0.360538	1.22763	1.22763	0.0479095	1.63792	1.63792	0.823111	0.952325	-1.05006	0.412362	0.832883	-1.20065	2.49746	1.88284	0.670136	1
cg12960305	SH3BP2	0.105982	0.815526	0.916708	-1.09086	0.934504	0.969878	-1.03106	0.346057	0.696909	-1.43491	0.0173574	0.340241	-2.93909	0.025512	0.372441	-2.68499	0.0363845	0.404457	-2.47245	0.743569	1.12993	1.12993	0.895069	0.952082	-1.05033	0.111177	0.524273	-1.9074	2.49745	5.47728	1.94946	1
cg05017821	GZF1	0.105982	0.269476	0.775883	-1.28885	0.56869	1.13555	1.13555	0.436711	1.19134	1.19134	0.0386378	1.69643	1.69643	0.0181883	0.531135	-1.88276	0.617112	0.894738	-1.11765	0.143985	1.41394	1.41394	0.842119	0.956948	-1.04499	0.899376	0.972471	-1.02831	2.49745	1.92594	0.685478	1
cg17691657	SLC4A4;SLC4A4	0.105983	0.0563339	0.465167	-2.14976	0.29544	1.46854	1.46854	0.606594	1.20197	1.20197	0.996962	1.00135	1.00135	0.0125343	0.332906	-3.00386	0.253994	0.65581	-1.52483	0.0884296	0.513891	-1.94594	0.308722	0.688582	-1.45226	0.669558	1.16421	1.16421	2.49744	4.9615	1.7659	1
cg17639959	SFXN5	0.105983	0.550799	0.737483	-1.35596	0.303319	0.583968	-1.71242	0.958202	0.973904	-1.0268	0.358794	0.621224	-1.60973	0.133229	0.441662	-2.26417	0.513736	0.71597	-1.39671	0.00611387	0.164423	-6.08187	0.0383277	0.297916	-3.35665	0.0621702	0.346682	-2.88449	2.49744	10.0681	3.58342	1
cg18919017	DPYSL3	0.105983	0.0857733	0.307062	-3.25667	0.0438389	0.236803	-4.22291	0.600171	0.719744	-1.38938	0.350777	0.550375	-1.81694	0.0273215	0.197175	-5.07163	0.108806	0.337058	-2.96685	0.0175694	0.165854	-6.0294	0.12537	0.356505	-2.80501	0.155326	0.388492	-2.57405	2.49743	15.2927	5.44299	1
cg16925177	KCNB2	0.105984	0.0578457	0.201081	-4.97312	0.297007	0.445429	-2.24502	0.319449	0.46322	-2.1588	0.280208	0.43188	-2.31546	0.01913	0.119929	-8.33829	0.420054	0.539998	-1.85186	0.0106717	0.0906432	-11.0323	0.252656	0.409135	-2.44418	0.0901669	0.247377	-4.04241	2.49743	22.1287	7.87607	1
cg22942101	ISY1	0.105987	0.105912	0.795154	-1.25762	0.0732872	1.29593	1.29593	0.0633051	1.31136	1.31136	0.225374	0.847672	-1.1797	0.319004	1.14302	1.14302	0.255704	0.857268	-1.1665	0.442551	1.10697	1.10697	0.380973	1.12371	1.12371	0.108711	1.25492	1.25492	2.4974	0.666323	0.237162	1
cg20397543	ELOVL5	0.105991	0.231371	0.791703	-1.2631	0.896487	0.976073	-1.02451	0.0177169	1.7102	1.7102	0.182361	1.30125	1.30125	0.157064	0.754604	-1.3252	0.48288	1.14189	1.14189	0.09585	0.711551	-1.40538	0.339821	0.832739	-1.20086	0.970499	1.0069	1.0069	2.49736	1.36919	0.487336	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04283751	C10orf41;ZNF503;C10orf41	0.105994	0.276201	0.741964	-1.34777	0.00583683	2.58858	2.58858	0.383222	1.26568	1.26568	0.787746	0.931361	-1.0737	0.639693	0.883172	-1.13228	0.896545	1.03487	1.03487	0.109015	0.63095	-1.58491	0.804826	1.06741	1.06741	0.494453	0.832919	-1.2006	2.49732	2.74614	0.977453	1
cg04132264	LOC143666;PHRF1	0.105995	0.364933	1.48159	1.48159	0.792376	0.894581	-1.11784	0.548878	1.29192	1.29192	0.931512	1.03696	1.03696	0.687829	1.18597	1.18597	0.396091	0.692822	-1.44337	0.00759768	0.234643	-4.2618	0.0712473	2.34158	2.34158	0.318779	0.647197	-1.54512	2.49731	7.05281	2.51036	1
cg06522063	WDR75;WDR75	0.105997	0.102382	0.819551	-1.22018	0.00661162	1.4807	1.4807	0.304298	1.12574	1.12574	0.57788	0.939333	-1.06458	0.737503	1.03816	1.03816	0.384297	0.905461	-1.10441	0.976266	1.00332	1.00332	0.389862	1.10307	1.10307	0.509003	0.928131	-1.07743	2.4973	0.490215	0.174487	1
cg13062913	NCAM2	0.105999	0.0396953	9.27114	9.27114	0.082766	6.0427	6.0427	0.291898	2.78408	2.78408	0.295266	2.76288	2.76288	0.302612	2.71784	2.71784	0.0574083	7.48092	7.48092	0.0366787	9.70771	9.70771	0.0362187	9.77933	9.77933	0.0402102	9.20187	9.20187	2.49728	34.6733	12.3417	1
cg05902963	WDR25;WDR25	0.106	0.0286781	0.212589	-4.7039	0.167734	0.413905	-2.41601	0.323844	0.542646	-1.84282	0.732611	0.814042	-1.22844	0.0336123	0.225605	-4.43252	0.551165	0.696449	-1.43586	0.312643	0.534415	-1.87121	0.0320878	0.221724	-4.51011	0.0246717	0.200905	-4.97749	2.49726	14.2352	5.06696	1
cg12276001	WDR27	0.106002	0.828979	0.939783	-1.06407	0.0265767	0.470182	-2.12684	0.206394	0.682072	-1.46612	0.758735	0.915353	-1.09247	0.137941	0.632165	-1.58187	0.549243	1.19002	1.19002	0.0240275	0.461723	-2.1658	0.305918	0.737613	-1.35572	0.0289894	0.477576	-2.09391	2.49725	3.25986	1.16034	1
cg13448793	XKR4	0.106002	0.655353	0.910947	-1.09776	0.185985	0.74742	-1.33794	0.0281558	0.583781	-1.71297	0.366336	0.824743	-1.2125	0.353607	0.820245	-1.21915	0.167676	0.73689	-1.35706	0.0912981	0.679704	-1.47123	0.0406124	1.6337	1.6337	0.924549	1.01986	1.01986	2.49725	1.70481	0.606822	1
cg09871181	JUP;JUP	0.106003	0.187266	0.563895	-1.77338	0.154731	0.53565	-1.86689	0.022148	0.324879	-3.07807	0.0764576	0.44584	-2.24296	0.0158426	0.297804	-3.35792	0.0973528	0.474411	-2.10788	0.325547	0.659626	-1.51601	0.932671	1.03524	1.03524	0.12709	0.508487	-1.96662	2.49723	6.64457	2.36513	1
cg06313479	ELFN1	0.106003	0.242557	0.797119	-1.25452	0.482361	0.876529	-1.14086	0.0744892	0.689294	-1.45076	0.812499	1.04473	1.04473	0.0601079	0.671728	-1.4887	0.394453	0.851142	-1.17489	0.0216806	1.68626	1.68626	0.772281	0.947957	-1.0549	0.202678	0.779036	-1.28364	2.65212	1.39387	0.408773	1
cg03868159	UBR2	0.106005	0.851612	0.972082	-1.02872	0.0587694	1.38095	1.38095	0.337615	1.16122	1.16122	0.740032	1.05164	1.05164	0.543407	0.911191	-1.09746	0.977489	0.995743	-1.00428	0.00586836	0.579708	-1.72501	0.937667	0.988244	-1.0119	0.943374	0.989316	-1.0108	2.49722	0.904233	0.321863	1
cg12653133	SDHAP3	0.106007	0.271587	0.843455	-1.1856	0.0450375	0.710257	-1.40794	0.0785234	0.74775	-1.33735	0.942873	1.01072	1.01072	0.0570564	0.725947	-1.37751	0.0390697	0.700988	-1.42656	0.0378434	0.698924	-1.43077	0.639174	1.07277	1.07277	0.973751	0.995118	-1.00491	2.49719	0.87515	0.311514	1
cg18758889	CAMK1D;CAMK1D	0.10601	0.0872314	0.640726	-1.56073	0.0851891	0.638485	-1.56621	0.848022	1.04627	1.04627	0.775992	0.934957	-1.06957	0.595102	1.13479	1.13479	0.459897	0.83746	-1.19409	0.0159843	2.00443	2.00443	0.852319	0.957018	-1.04491	0.172547	1.40811	1.40811	2.49716	2.19798	0.782393	1
cg24299928	ANKRD46	0.106011	0.306691	0.826383	-1.21009	0.471588	1.14106	1.14106	0.0696432	1.44143	1.44143	0.291615	1.21797	1.21797	0.988978	1.00249	1.00249	0.798408	1.0472	1.0472	0.0126037	0.57179	-1.74889	0.147865	1.32282	1.32282	0.858052	0.968254	-1.03279	2.49715	1.28426	0.457146	1
cg05186188	AQP8	0.106011	0.0586727	0.627107	-1.59462	0.143897	0.709592	-1.40926	0.0296464	0.571561	-1.74959	0.634758	0.900721	-1.11022	0.0888763	0.66364	-1.50684	0.822533	0.952102	-1.05031	0.0878629	0.662597	-1.50921	0.0153961	0.522202	-1.91497	0.202631	0.745356	-1.34164	2.49715	1.88805	0.672072	1
cg19466160	DLG4;DLG4	0.106012	0.162383	0.543795	-1.83893	0.186567	0.564481	-1.77154	0.0677843	2.30613	2.30613	0.768789	1.12794	1.12794	0.191054	0.568134	-1.76015	0.764248	0.884405	-1.1307	0.890621	0.945355	-1.0578	0.0129467	0.283704	-3.52481	0.570726	1.26366	1.26366	2.49714	6.5968	2.34822	1
cg24044651	C1orf128	0.106013	0.103532	0.793177	-1.26075	0.776397	0.96362	-1.03775	0.935668	1.01056	1.01056	0.653926	0.942963	-1.06049	0.17914	1.20409	1.20409	0.996265	0.999391	-1.00061	0.0103017	0.656573	-1.52306	0.0477932	0.744886	-1.34249	0.774777	1.03804	1.03804	2.49713	0.669845	0.238441	1
cg00238283	PTPRN2;PTPRN2;PTPRN2	0.106015	0.0864051	0.527919	-1.89423	0.0738276	1.95814	1.95814	0.802557	0.918981	-1.08816	0.533224	1.23717	1.23717	0.0275746	0.415339	-2.40767	0.107566	1.80807	1.80807	0.748291	0.89711	-1.11469	0.802638	0.919014	-1.08812	0.296869	0.69438	-1.44013	2.49711	4.49779	1.60106	1
cg18881723	SLAMF1;SLAMF1	0.106018	0.143919	0.452112	-2.21184	0.787064	0.872061	-1.14671	0.0209239	0.245366	-4.07555	0.172249	0.479694	-2.08466	0.0254975	0.261283	-3.82726	0.38732	0.63889	-1.56521	0.506948	1.40553	1.40553	0.0484731	0.319882	-3.12616	0.165822	0.473679	-2.11113	2.49708	10.1101	3.59891	1
cg07490124	ASAP1	0.106019	0.624994	1.3415	1.3415	0.0780417	0.311076	-3.21465	0.0213613	0.19215	-5.20426	0.576574	1.39995	1.39995	0.613008	1.35551	1.35551	0.102257	0.344216	-2.90515	0.031895	0.223207	-4.48014	0.221582	0.46476	-2.15165	0.508492	0.6703	-1.49187	2.49707	14.0662	5.0072	1
cg08693605	NUFIP2	0.106022	0.596823	1.12287	1.12287	0.0107167	2.00608	2.00608	0.278118	1.27739	1.27739	0.550336	0.877061	-1.14017	0.799004	0.946116	-1.05695	0.640039	0.90281	-1.10765	0.834721	1.0464	1.0464	0.0630249	0.635107	-1.57454	0.128845	1.42801	1.42801	2.49704	1.86362	0.663404	1
cg08733739	GFOD1	0.106024	0.417422	0.751474	-1.33072	0.0384227	2.28647	2.28647	0.0274739	2.45741	2.45741	0.453321	1.30133	1.30133	0.231593	0.648819	-1.54126	0.0892136	1.90825	1.90825	0.165954	1.66423	1.66423	0.620339	1.18788	1.18788	0.562543	0.81721	-1.22368	2.49702	4.70114	1.67351	1
cg20229339	GATSL2	0.106024	0.33004	0.412134	-2.4264	0.515851	0.560213	-1.78503	0.443993	1.9876	1.9876	0.310644	0.396334	-2.52312	0.374155	0.447619	-2.23404	?	?	?	0.0460911	7.76372	7.76372	0.0874489	5.37423	5.37423	0.0461249	7.76044	7.76044	2.67711	28.4182	9.28833	1
cg17084151	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.106025	0.0512296	3.58547	3.58547	0.950214	1.03657	1.03657	0.074246	3.13965	3.13965	0.00922571	6.69207	6.69207	0.354024	1.73059	1.73059	0.707243	1.24235	1.24235	0.730444	0.819606	-1.2201	0.92805	1.05332	1.05332	0.0614157	3.36048	3.36048	2.49701	13.0835	4.65747	1
cg09996325	KLF12	0.106026	0.910783	0.981538	-1.01881	0.256765	1.21748	1.21748	0.0969916	1.3537	1.3537	0.11041	0.748845	-1.33539	0.207437	0.801712	-1.24733	0.459311	0.882266	-1.13345	0.465435	0.883823	-1.13145	0.022249	1.57704	1.57704	0.36983	0.858034	-1.16545	2.49699	1.09304	0.389105	1
cg04558175	RCN3	0.106027	0.128704	1.97266	1.97266	0.610676	0.808605	-1.2367	0.445812	1.37929	1.37929	0.0322805	2.82173	2.82173	0.811404	1.10397	1.10397	0.394993	1.43399	1.43399	0.430756	0.716949	-1.3948	0.0254531	3.00058	3.00058	0.0354413	2.7546	2.7546	2.49699	6.77052	2.4102	1
cg19740375	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.106031	0.203819	1.9806	1.9806	0.102125	0.40187	-2.48836	0.979864	0.987222	-1.01294	0.0882546	0.383484	-2.60767	0.889268	0.931475	-1.07357	0.448556	1.48221	1.48221	0.0248948	3.89723	3.89723	0.108874	2.43754	2.43754	0.642555	1.26892	1.26892	2.49695	10.268	3.6553	1
cg08084655	BTBD17	0.106033	0.100733	0.425434	-2.35054	0.0311115	0.30035	-3.32944	0.031598	0.301735	-3.31416	0.588669	0.771396	-1.29635	0.095597	0.418813	-2.3877	0.0697971	0.38138	-2.62206	0.0359225	0.313418	-3.19063	0.0864466	0.406411	-2.46056	0.352364	0.634466	-1.57613	2.49692	8.93757	3.18172	1
cg04122467	ADAMTSL4;ADAMTSL4	0.106033	0.794961	0.965753	-1.03546	0.400411	0.891212	-1.12207	0.0070972	0.627872	-1.59268	0.436467	1.11207	1.11207	0.31608	0.870497	-1.14877	0.533283	0.919037	-1.0881	0.282232	1.16127	1.16127	0.818821	0.969767	-1.03118	0.0444412	0.73429	-1.36186	2.49692	0.708003	0.252045	1
cg05898754	FAM41C	0.106036	0.832549	1.06813	1.06813	0.463179	0.792597	-1.26168	0.209098	0.662244	-1.51002	0.0158954	0.398821	-2.50739	0.00774062	0.344811	-2.90014	0.287743	0.709235	-1.40997	0.615329	0.854102	-1.17082	0.810163	1.07779	1.07779	0.374718	0.753066	-1.3279	2.4969	3.83156	1.36403	1
cg01191254	MAD1L1;MAD1L1;MAD1L1	0.106037	0.304975	1.20868	1.20868	0.337752	1.19282	1.19282	0.0316019	1.5678	1.5678	0.045942	1.50403	1.50403	0.263096	1.23141	1.23141	0.102211	1.3759	1.3759	0.039956	1.52748	1.52748	0.475731	1.13814	1.13814	0.0168311	1.68269	1.68269	2.49688	1.25883	0.448142	1
cg18500826	MDM1	0.106038	0.0322974	0.319439	-3.13048	0.192115	0.533362	-1.8749	0.111149	0.45382	-2.20352	0.413449	0.683431	-1.46321	0.0262257	0.301067	-3.32152	0.0555327	0.372383	-2.6854	0.0899531	0.42705	-2.34164	0.0646295	0.38872	-2.57255	0.0681219	0.394562	-2.53446	2.49688	8.19561	2.91764	1
cg25330797	PITX1	0.106038	0.677495	0.861166	-1.16122	0.0720034	0.487863	-2.04976	0.535644	1.25129	1.25129	0.628674	1.19024	1.19024	0.0830864	0.503714	-1.98525	0.697539	0.869726	-1.14979	0.00867852	0.302559	-3.30514	0.529472	0.796393	-1.25566	0.0791101	0.49822	-2.00715	2.49687	5.05075	1.79807	1
cg13577810	OXA1L	0.106039	0.657218	0.947993	-1.05486	0.938551	0.990822	-1.00926	0.661178	1.05416	1.05416	0.318215	1.1313	1.1313	0.895003	1.01592	1.01592	0.0272019	0.731546	-1.36697	0.0122973	0.688767	-1.45187	0.456996	1.09481	1.09481	0.362563	1.11841	1.11841	2.49686	0.565515	0.201325	1
cg14845272	CYTH3	0.106043	0.898349	0.962774	-1.03867	0.122364	0.608367	-1.64374	0.720928	0.898999	-1.11235	0.755202	1.09728	1.09728	0.809963	1.07413	1.07413	0.257806	1.4198	1.4198	0.00895	2.68297	2.68297	0.163484	1.55495	1.55495	0.0940898	1.72701	1.72701	2.49682	3.48424	1.24042	1
cg05018361	NSUN6	0.106044	0.426552	0.690244	-1.44876	0.715129	1.1822	1.1822	0.116261	0.458688	-2.18013	0.00834727	0.214565	-4.66059	0.103598	0.443621	-2.25418	0.0306281	0.313568	-3.18911	0.661327	0.817676	-1.22298	0.660757	0.817376	-1.22343	0.82411	1.10699	1.10699	2.49682	8.24487	2.93525	1
cg16832295	PALM;PALM	0.106045	0.367612	0.845227	-1.18311	0.0521455	1.49384	1.49384	0.240082	0.799724	-1.25043	0.292291	0.819945	-1.21959	0.0887062	1.4066	1.4066	0.31908	1.20573	1.20573	0.785117	1.05091	1.05091	0.0351344	1.56193	1.56193	0.424484	0.862262	-1.15974	2.4968	1.30539	0.464734	1
cg01380356	FAM54B;FAM54B;FAM54B;LOC646471;FAM54B	0.106049	0.119286	0.684324	-1.4613	0.231243	0.754448	-1.32547	0.467889	0.84727	-1.18026	0.0313591	0.567452	-1.76226	0.393648	0.821962	-1.2166	0.165396	1.39374	1.39374	0.309203	1.26635	1.26635	0.111932	1.47463	1.47463	0.3852	1.22111	1.22111	2.49676	1.99091	0.708799	1
cg25549747	MRP63;SKA3;SKA3	0.10605	0.186721	1.32325	1.32325	0.473018	0.864111	-1.15726	0.982422	1.00442	1.00442	0.155949	0.738031	-1.35496	?	?	?	0.913634	1.02195	1.02195	0.891355	1.02773	1.02773	0.00950394	0.51816	-1.92991	0.201604	1.30978	1.30978	2.52318	1.42252	0.563779	1
cg26001125	ADORA2A	0.106051	0.296221	0.632576	-1.58084	0.143023	0.513993	-1.94555	0.0962672	0.461994	-2.16453	0.438938	0.716209	-1.39624	0.028934	0.336581	-2.97106	0.757298	0.877161	-1.14004	0.0464831	0.3813	-2.62261	0.0112254	0.260995	-3.83149	0.204814	0.567969	-1.76066	2.49674	7.06921	2.51678	1
cg02993722	DNAJC11	0.106052	0.88269	0.93976	-1.0641	0.551264	1.28875	1.28875	0.292718	1.583	1.583	0.903444	0.950215	-1.05239	0.0749794	0.434126	-2.30348	0.209909	0.573487	-1.74372	0.198115	1.77242	1.77242	0.0122908	3.714	3.714	0.371372	1.4714	1.4714	2.49673	7.0015	2.49268	1
cg02414648	TMEM87B	0.106052	0.300645	0.751129	-1.33133	0.279515	1.34984	1.34984	0.0161698	2.19258	2.19258	0.161771	0.671222	-1.48982	0.142377	0.656529	-1.52316	0.130974	0.647183	-1.54516	0.789132	1.07414	1.07414	0.733805	1.09536	1.09536	0.545893	1.17714	1.17714	2.49673	2.81533	1.00232	1
cg26483661	LOC338799;SETD1B	0.106054	0.0385183	0.509367	-1.96322	0.775244	1.08389	1.08389	0.318931	1.33625	1.33625	0.278584	0.728296	-1.37307	0.5145	1.20445	1.20445	0.455356	0.807369	-1.23859	0.0542456	0.540781	-1.84918	0.330758	0.753959	-1.32633	0.0200416	0.453996	-2.20266	2.49671	3.13156	1.11491	1
cg05686950	PRPF18	0.106055	0.493729	1.52561	1.52561	0.696261	0.787867	-1.26925	0.319586	0.535208	-1.86843	0.927515	1.05686	1.05686	0.00945984	0.135528	-7.37855	0.0546605	0.265876	-3.76116	0.0590069	0.273669	-3.65405	0.720855	1.24366	1.24366	0.208253	0.446503	-2.23963	2.4967	14.6053	5.19986	1
cg24823993	NHP2L1	0.106055	0.904523	1.01827	1.01827	0.947192	1.01004	1.01004	0.347879	1.15698	1.15698	0.00542902	1.73663	1.73663	0.579332	1.08815	1.08815	0.570031	1.09046	1.09046	0.374041	1.14758	1.14758	0.0631985	0.729621	-1.37057	0.498904	1.10911	1.10911	2.4967	0.899962	0.32041	1
cg19464484	GPR133	0.106057	0.167092	1.30477	1.30477	0.331041	0.834314	-1.19859	0.704679	0.933537	-1.07119	0.0464562	0.662371	-1.50973	0.0619751	0.68414	-1.46169	0.900742	0.977715	-1.02279	0.18887	1.28585	1.28585	0.43178	1.15594	1.15594	0.0597697	0.681362	-1.46765	2.49668	1.28992	0.45925	1
cg20950011	CIDEA;CIDEA;CIDEA	0.106057	0.181264	0.836899	-1.19489	0.075952	1.28116	1.28116	0.103568	1.25023	1.25023	0.688425	0.950688	-1.05187	0.707641	0.953837	-1.0484	0.031872	0.729412	-1.37097	0.346037	0.885377	-1.12946	0.23388	1.16949	1.16949	0.386667	1.11776	1.11776	2.49667	0.622323	0.221565	1
cg11332950	AHSA2	0.106058	0.0606369	1.40326	1.40326	0.489533	0.893652	-1.119	0.490143	1.11882	1.11882	0.0425923	0.68802	-1.45345	0.133092	1.29634	1.29634	0.856437	1.02943	1.02943	0.171197	1.26283	1.26283	0.116466	0.760933	-1.31418	0.520691	0.900975	-1.10991	2.49667	1.01441	0.361162	1
cg08504310	MLL4	0.106058	0.688462	0.926182	-1.0797	0.690011	0.926559	-1.07926	0.0984845	0.708395	-1.41164	0.740372	1.06531	1.06531	0.0810036	0.692046	-1.44499	0.854231	1.03561	1.03561	0.0206343	1.69959	1.69959	0.0633192	0.672111	-1.48785	0.97637	0.99438	-1.00565	2.49667	1.43142	0.509628	1
cg24618244	INPP5F;INPP5F;INPP5F	0.106059	0.566307	0.909527	-1.09947	0.87424	0.974423	-1.02625	0.485398	0.890507	-1.12296	0.628698	1.08297	1.08297	0.771989	0.953582	-1.04868	0.0348152	0.668707	-1.49542	0.0944436	0.740282	-1.35084	0.255979	1.21406	1.21406	0.0248379	1.54793	1.54793	2.49666	1.05809	0.376713	1
cg10245988	SYN2;SYN2	0.106059	0.348672	0.849249	-1.17751	0.965717	1.00731	1.00731	0.2522	0.816627	-1.22455	0.23412	1.23521	1.23521	0.557355	0.90438	-1.10573	0.406288	1.15475	1.15475	0.0657483	0.70489	-1.41866	0.0122557	1.69625	1.69625	0.912285	0.981511	-1.01884	2.49665	1.13418	0.403803	1
cg00832923	GIMAP4	0.106061	0.071771	0.124462	-8.03461	0.122036	0.176008	-5.68155	0.201568	0.247114	-4.04671	0.252717	0.289863	-3.4499	0.235627	0.275731	-3.62672	0.0791769	0.13263	-7.5398	0.00854009	0.0308587	-32.4057	0.231214	0.272061	-3.67565	0.0391227	0.0841895	-11.878	2.49664	42.4842	15.1258	1
cg09200186	E4F1	0.106064	0.0081447	0.20255	-4.93705	0.486524	1.39559	1.39559	0.0673417	2.6286	2.6286	0.365068	0.644837	-1.55078	0.726666	1.17993	1.17993	0.232606	1.8042	1.8042	0.638517	0.800058	-1.24991	0.83308	1.10461	1.10461	0.955187	0.973855	-1.02685	2.49661	8.78825	3.12895	1
cg01534765	BMP8A	0.106064	0.59673	0.884869	-1.13011	0.0501174	0.59951	-1.66803	0.00887653	0.466337	-2.14437	0.0712297	0.630294	-1.58656	0.832698	0.9527	-1.04965	0.651317	0.901033	-1.10984	0.33941	1.25301	1.25301	0.57809	1.13735	1.13735	0.449269	0.838098	-1.19318	2.49661	2.07474	0.738687	1
cg17841615	OSGEPL1;OSGEPL1	0.106065	0.936342	1.0092	1.0092	0.00346181	0.634446	-1.57618	0.852695	1.02154	1.02154	0.518116	1.078	1.078	0.174175	0.847281	-1.18025	0.354514	0.896554	-1.11538	0.582522	0.938338	-1.06571	0.526842	1.07628	1.07628	0.248886	0.870951	-1.14817	2.4966	0.519653	0.185017	1
cg12474759	HIST1H4B	0.106068	0.104602	0.741139	-1.34927	0.0390054	1.49704	1.49704	0.0440185	1.47817	1.47817	0.794019	1.04518	1.04518	0.733175	1.05949	1.05949	0.306451	1.19579	1.19579	0.178227	1.27324	1.27324	0.137727	0.763433	-1.30987	0.663262	1.07679	1.07679	2.49657	1.12761	0.401481	1
cg11492856	DVWA;CAPN7	0.10607	0.530412	0.897484	-1.11423	0.0220465	0.626684	-1.5957	0.83972	0.966123	-1.03507	0.705024	1.06686	1.06686	0.057955	0.694356	-1.44018	0.2038	0.795918	-1.25641	0.250659	1.22664	1.22664	0.0801016	1.3916	1.3916	0.789687	0.955525	-1.04655	2.49655	1.1452	0.407746	1
cg06959251	FAM124A	0.106074	0.25727	0.483028	-2.07027	0.00621163	0.11127	-8.98712	0.0753272	0.295608	-3.38285	0.813124	1.15691	1.15691	0.0771779	0.29838	-3.35144	0.254209	0.480565	-2.08088	0.275801	0.497699	-2.00925	0.626288	1.35262	1.35262	0.981422	0.985771	-1.01443	2.49651	14.9781	5.33299	1
cg09255102	PRR23A;PRR23A	0.106074	0.745893	1.10326	1.10326	0.0275124	0.454806	-2.19874	0.0577686	0.522883	-1.91247	0.232404	1.46008	1.46008	0.457927	1.25664	1.25664	0.0467878	0.502597	-1.98967	0.433885	1.27295	1.27295	0.393532	0.767858	-1.30232	0.540471	0.829207	-1.20597	2.4965	3.61165	1.28594	1
cg10940942	ASPH;ASPH	0.106077	0.249113	0.745848	-1.34076	0.0180027	0.496785	-2.01294	0.0838161	0.627664	-1.59321	0.588544	1.14219	1.14219	0.498035	0.845819	-1.18229	0.809931	0.943033	-1.06041	0.0396803	1.78429	1.78429	0.537052	0.858858	-1.16434	0.745915	0.923907	-1.08236	2.49647	2.34287	0.8342	1
ch.10.704481F	MASTL	0.10608	0.309072	1.2745	1.2745	0.0101294	2.11152	2.11152	0.597086	0.88434	-1.13079	0.10354	1.50715	1.50715	0.975164	0.992853	-1.0072	0.628055	0.89361	-1.11906	0.243017	0.754654	-1.32511	0.540549	1.15344	1.15344	0.0699487	1.59503	1.59503	2.49644	2.09909	0.747407	1
cg02953520	TPK1;TPK1	0.10608	0.0114705	0.38167	-2.62006	0.802981	1.0791	1.0791	0.930656	0.973844	-1.02686	0.852698	1.05824	1.05824	0.206308	0.666348	-1.50072	0.370211	0.755613	-1.32343	0.939555	0.97717	-1.02336	0.877945	1.04791	1.04791	0.0117263	0.383335	-2.60869	2.49644	3.66667	1.30556	1
cg23355546	ZFP30	0.106082	0.056782	0.725706	-1.37797	0.0440839	1.41056	1.41056	0.260892	1.19049	1.19049	0.152909	0.796421	-1.25562	0.968662	1.00586	1.00586	0.321139	1.16465	1.16465	0.265674	1.18825	1.18825	0.208674	0.821123	-1.21784	0.304402	0.853711	-1.17136	2.49642	0.874263	0.311295	1
cg02958327	FBXL16	0.106083	0.419967	1.51956	1.51956	0.0203732	4.13572	4.13572	0.265113	1.80355	1.80355	0.67855	0.80926	-1.2357	0.144215	2.21799	2.21799	0.0967895	2.52361	2.52361	0.0122135	4.88185	4.88185	0.392142	1.56079	1.56079	0.816774	0.888824	-1.12508	2.49641	10.1954	3.63025	1
cg19641999	TMEM194B	0.106084	0.478274	1.10415	1.10415	0.507032	1.09693	1.09693	0.763378	0.959355	-1.04237	0.0211177	0.683105	-1.4639	0.10033	1.28071	1.28071	0.497332	0.909647	-1.09933	0.0861099	0.770566	-1.29775	0.190311	1.21	1.21	0.277124	0.856121	-1.16806	2.4964	0.746782	0.265905	1
cg22379576	CENPL;CENPL;CENPL	0.106085	0.0247104	0.117146	-8.53636	0.178768	0.318093	-3.14374	0.0691546	0.195824	-5.10663	0.487106	0.567704	-1.76148	0.0729737	0.201158	-4.97122	0.148512	0.288618	-3.46478	0.0169281	0.0967238	-10.3387	0.498889	0.57668	-1.73406	0.0719818	0.199786	-5.00536	2.49639	25.4219	9.05196	1
cg02126464	LOC286016;TNPO3;TNPO3	0.106086	0.114474	0.497185	-2.01133	0.0395308	2.63578	2.63578	0.346683	0.674051	-1.48357	0.663483	1.19507	1.19507	0.315989	1.52501	1.52501	0.0637812	0.42818	-2.33546	0.10012	0.480304	-2.08201	0.400195	1.41983	1.41983	0.741188	0.873791	-1.14444	2.49638	6.55088	2.33258	1
cg23829193	C10orf27	0.106087	0.225469	1.44849	1.44849	0.0335034	0.485304	-2.06056	0.283611	0.723073	-1.38299	0.900994	1.03689	1.03689	0.871505	0.953977	-1.04824	0.867845	0.952683	-1.04967	0.558764	1.18779	1.18779	0.0500233	0.521803	-1.91643	0.0246761	0.45904	-2.17846	2.49637	3.34953	1.19268	1
cg06225581	ZMAT2	0.106087	0.930421	0.9808	-1.01958	0.311293	0.79251	-1.26181	0.336971	0.802707	-1.24578	0.027401	0.560299	-1.78476	0.132893	1.43325	1.43325	0.868098	1.03759	1.03759	0.0202145	0.537016	-1.86214	0.574336	0.881627	-1.13427	0.360386	1.23213	1.23213	2.49637	1.94848	0.693803	1
cg05404847	LIPE;LIPE	0.106088	0.409359	0.502529	-1.98993	0.0118226	0.0770419	-12.9799	0.0104406	0.0721344	-13.863	0.809319	1.21792	1.21792	0.449953	0.53376	-1.8735	0.285637	0.404801	-2.47035	0.307131	0.422244	-2.3683	0.30015	0.416609	-2.40033	0.722956	1.3368	1.3368	2.49635	26.2939	9.36259	1
cg08257923	CHST1	0.106088	0.247744	0.857018	-1.16684	0.415232	0.899127	-1.11219	0.0211917	1.42445	1.42445	0.94611	0.991406	-1.00867	0.130524	0.8118	-1.23183	0.602819	0.935166	-1.06933	0.0239754	0.70902	-1.4104	0.992003	0.998721	-1.00128	0.837851	0.974176	-1.02651	2.49635	0.644575	0.229517	1
cg14825676	UGT1A5;UGT1A6;UGT1A10;UGT1A9;UGT1A6;UGT1A7;UGT1A8	0.106091	0.869736	0.961619	-1.03991	0.398024	0.813553	-1.22918	0.930593	0.979442	-1.02099	0.31916	1.27825	1.27825	0.565643	0.870682	-1.14852	0.700714	0.912021	-1.09647	0.426911	1.21341	1.21341	0.0594175	0.602056	-1.66098	0.00529386	0.416238	-2.40247	2.49633	2.24809	0.800497	1
cg12924120	C3orf37;C3orf37	0.106093	0.418819	0.868713	-1.15113	0.93987	1.01294	1.01294	0.0270232	1.56212	1.56212	0.444828	0.875726	-1.14191	0.0773599	0.715685	-1.39726	0.434489	1.14552	1.14552	0.614518	0.917119	-1.09037	0.868333	0.972129	-1.02867	0.0284416	0.643654	-1.55363	2.49631	1.14755	0.408622	1
cg20764817	AP2A2	0.106095	0.690239	1.18828	1.18828	0.00499251	4.95355	4.95355	0.151528	1.93818	1.93818	0.354271	0.663377	-1.50744	0.953583	0.975244	-1.02538	0.76262	0.877698	-1.13934	0.175971	0.538147	-1.85823	0.660167	1.2099	1.2099	0.663604	1.20739	1.20739	2.49628	7.3319	2.61078	1
cg27083344	C16orf7	0.106096	0.0292935	1.4884	1.4884	0.323143	0.853795	-1.17124	0.0394192	1.44637	1.44637	0.923674	0.985267	-1.01495	0.179849	1.24686	1.24686	0.193746	1.23736	1.23736	0.0252024	1.51026	1.51026	0.520906	1.10604	1.10604	0.746909	1.05143	1.05143	2.49628	0.948453	0.33773	1
cg21844856	CRISPLD1	0.106096	0.554351	1.14153	1.14153	0.0581628	1.60624	1.60624	0.128376	1.43874	1.43874	0.47193	1.1758	1.1758	0.375491	1.223	1.223	0.632703	1.11246	1.11246	0.0110829	0.49412	-2.0238	0.479782	1.17233	1.17233	0.997586	0.999331	-1.00067	2.49627	1.93668	0.689625	1
ch.3.3564705F	MCF2L2	0.106097	0.0226291	0.0594317	-16.826	0.0140228	0.0434032	-23.0398	0.0604638	0.111972	-8.93078	0.448535	0.449875	-2.22284	0.571044	0.553161	-1.80779	0.0632569	0.115272	-8.6751	0.137801	0.191516	-5.22151	0.333928	0.356753	-2.80306	0.166937	0.217854	-4.59023	2.49626	42.2888	15.0585	1
cg20737210	SCAMP4	0.106099	0.458904	1.2801	1.2801	0.0653778	1.96852	1.96852	0.0223519	2.45047	2.45047	0.916019	1.03514	1.03514	0.301122	0.704114	-1.42022	0.164135	0.615016	-1.62597	0.063084	1.9829	1.9829	0.64575	0.859369	-1.16364	0.655927	1.15816	1.15816	2.49625	4.23882	1.5094	1
cg05737718	ARHGAP17;ARHGAP17	0.106099	0.525816	0.901168	-1.10967	0.0345061	0.67091	-1.49051	0.162693	0.785642	-1.27284	0.854506	0.970722	-1.03016	0.682847	1.06876	1.06876	0.312131	1.18443	1.18443	0.0257782	1.53511	1.53511	0.388615	0.866727	-1.15377	0.222403	0.812552	-1.23069	2.49624	1.03601	0.368912	1
cg14742361	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.106102	0.764227	0.878354	-1.13849	0.393787	0.686151	-1.4574	0.451839	0.718548	-1.3917	0.111614	0.473698	-2.11105	0.0259762	0.319946	-3.12553	0.0494859	2.6288	2.6288	0.118025	0.481009	-2.07896	0.372434	1.48416	1.48416	0.457123	0.721421	-1.38615	2.49622	7.35081	2.61758	1
cg22104242	ELOVL7;ELOVL7	0.106103	0.0417714	9.22667	9.22667	0.0316171	10.8721	10.8721	0.0631394	7.23621	7.23621	0.141583	4.46679	4.46679	0.68603	1.46935	1.46935	0.372565	2.37934	2.37934	0.141998	4.45881	4.45881	0.0258632	12.2448	12.2448	0.0658004	7.06231	7.06231	2.49621	35.4468	12.6225	1
cg25912717	THBS3	0.106104	0.00919658	0.377026	-2.65234	0.718766	1.11256	1.11256	0.297846	0.727366	-1.37482	0.895022	1.03971	1.03971	0.075606	0.558009	-1.79209	0.0392093	0.494702	-2.02142	0.106929	0.595036	-1.68057	0.249883	0.701391	-1.42574	0.501119	0.817581	-1.22312	2.4962	3.43962	1.22484	1
cg13483696	HACL1	0.106105	0.929668	0.948005	-1.05485	0.765782	0.834686	-1.19805	0.288978	1.946	1.946	0.286308	0.511833	-1.95376	0.00593765	0.113463	-8.81343	0.38735	0.585123	-1.70904	0.190544	0.432388	-2.31274	0.414408	1.65638	1.65638	0.114378	0.353914	-2.82554	2.49619	14.4637	5.15051	1
cg21396064	MIR193B	0.106106	0.0768025	2.43041	2.43041	0.112991	0.459133	-2.17802	0.342948	0.643466	-1.55408	0.562721	1.30222	1.30222	0.802188	0.892909	-1.11994	0.601777	0.788525	-1.26819	0.0171507	0.269609	-3.70908	0.152021	0.50034	-1.99864	0.377322	1.50499	1.50499	2.49618	8.05018	2.86667	1
cg01983454	SIRT6	0.106107	0.0486674	0.71811	-1.39254	0.748121	1.04852	1.04852	0.43152	0.888649	-1.1253	0.598297	1.08132	1.08132	0.835271	0.969844	-1.03109	0.372357	0.873998	-1.14417	0.0161493	1.54154	1.54154	0.186222	0.813771	-1.22885	0.188062	0.814553	-1.22767	2.49616	0.854863	0.304419	1
cg16817496	RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RPL23AP82	0.106108	0.20798	0.728332	-1.373	0.880592	1.03654	1.03654	0.482656	1.18574	1.18574	0.689368	1.10069	1.10069	0.0262696	0.532926	-1.87643	0.0178325	0.502742	-1.98909	0.0501732	0.586743	-1.70432	0.410902	0.818092	-1.22236	0.559229	0.86848	-1.15144	2.49616	2.25397	0.802646	1
cg23401461	LOC100134259	0.106108	0.617028	0.749641	-1.33397	0.388378	0.603339	-1.65744	0.0124576	0.169099	-5.91368	0.081622	0.331851	-3.0134	0.0185247	0.195483	-5.11554	0.669814	1.27783	1.27783	0.921556	1.05791	1.05791	0.821314	0.878713	-1.13803	0.157906	0.421912	-2.37016	2.49616	12.9147	4.59897	1
cg12885287	HDAC4	0.106109	0.37574	0.439348	-2.2761	0.111702	4.79364	4.79364	0.432211	2.06516	2.06516	0.477445	1.92229	1.92229	0.245655	0.333336	-2.99997	0.616057	1.58	1.58	0.00731897	0.0437835	-22.8396	0.941675	0.935942	-1.06844	0.403977	0.461804	-2.16542	2.49614	32.3607	11.5238	1
cg25118574	PSMB7	0.10611	0.0440464	0.601526	-1.66244	0.878224	1.03426	1.03426	0.0658421	0.635454	-1.57368	0.213998	1.33298	1.33298	0.43131	1.19297	1.19297	0.195988	0.740534	-1.35038	0.185915	0.734845	-1.36083	0.624525	1.11445	1.11445	0.0982684	1.48937	1.48937	2.49614	1.90779	0.679376	1
cg10296030	SGCA;SGCA	0.106112	0.183582	0.716128	-1.3964	0.031562	0.550653	-1.81603	0.615982	1.12713	1.12713	0.575565	0.874705	-1.14324	0.00579017	0.425061	-2.3526	0.2168	0.735239	-1.3601	0.897851	0.970062	-1.03086	0.283005	0.767976	-1.30212	0.803621	0.94274	-1.06074	2.49611	2.21417	0.788487	1
cg05140433	TUB	0.106112	0.311131	0.649974	-1.53852	0.197331	0.571042	-1.75119	0.430732	1.39186	1.39186	0.124328	1.98208	1.98208	0.0518343	0.402648	-2.48356	0.164211	0.543232	-1.84083	0.25164	0.611171	-1.6362	0.102024	0.479129	-2.08712	0.153867	1.87324	1.87324	2.49611	6.68197	2.37952	1
cg21382567	TGFBR3	0.106115	0.0089571	0.285387	-3.50402	0.0802428	2.0792	2.0792	0.894168	1.05149	1.05149	0.895271	0.951536	-1.05093	0.119577	0.528843	-1.89092	0.287929	0.659578	-1.51612	0.347967	0.694552	-1.43978	0.925566	1.03588	1.03588	0.284356	0.657382	-1.52119	2.49608	5.62447	2.00295	1
cg23123362	THG1L	0.106117	0.128371	0.656853	-1.52241	0.786297	1.07196	1.07196	0.287558	1.32626	1.32626	0.302694	0.76108	-1.31392	0.756594	0.923573	-1.08275	0.0860659	0.615684	-1.62421	0.00951744	0.431754	-2.31613	0.0749404	0.602199	-1.66058	0.677541	0.898587	-1.11286	2.49606	2.58501	0.920566	1
cg04527868	ARFGAP3;ARFGAP3	0.106119	0.158887	5.16244	5.16244	0.751513	1.41379	1.41379	0.36056	2.78597	2.78597	0.0537106	10.8906	10.8906	0.365272	0.362753	-2.7567	0.0197347	21.5287	21.5287	0.216926	4.1214	4.1214	0.0230547	19.3466	19.3466	0.474113	2.21122	2.21122	2.49604	46.9729	16.728	1
cg10494770	IGLL1;IGLL1;IGLL1;IGLL1	0.106121	0.185853	0.63913	-1.56463	0.170901	0.627936	-1.59252	?	?	?	0.0377888	0.463577	-2.15714	0.205832	0.65318	-1.53097	0.435129	0.775601	-1.28932	0.509147	1.23827	1.23827	0.0223317	0.417399	-2.39579	0.0536264	0.496884	-2.01254	2.52243	3.61655	1.43376	1
cg14938111	PRSSL1	0.106122	0.689221	0.904452	-1.10564	0.623747	1.13147	1.13147	0.663221	0.896315	-1.11568	0.770947	0.929666	-1.07565	0.100542	0.638006	-1.56738	0.31213	0.770117	-1.2985	0.00338628	0.369576	-2.70581	0.113682	0.650525	-1.53722	0.391529	0.803069	-1.24522	2.49601	2.46714	0.87861	1
cg21002223	MFHAS1	0.106122	0.0909565	0.336951	-2.96779	0.912503	1.06632	1.06632	0.762542	1.19367	1.19367	0.699712	0.797379	-1.25411	0.62109	0.747446	-1.33789	0.0727517	0.310527	-3.22034	0.00734843	0.132846	-7.5275	0.738395	1.21631	1.21631	0.0756634	0.315002	-3.17458	2.49601	13.4921	4.80485	1
cg03173367	ANKRD39	0.10613	0.715382	1.1787	1.1787	0.0385956	2.93189	2.93189	0.0288706	3.17994	3.17994	0.101378	2.23737	2.23737	0.682742	1.20262	1.20262	0.168709	1.93175	1.93175	0.884179	1.06763	1.06763	0.075017	0.410595	-2.43549	0.769934	1.14072	1.14072	2.49592	7.96786	2.83764	1
cg14480116	SPRED2;SPRED2	0.106135	0.0860225	0.237624	-4.20832	0.0749572	4.4921	4.4921	0.436145	1.82543	1.82543	0.399003	0.519914	-1.92339	0.238755	0.39271	-2.54641	0.487233	0.58585	-1.70692	0.0186442	0.11529	-8.67377	0.743873	0.780079	-1.28192	0.160929	0.321624	-3.10922	2.49588	22.6838	8.07867	1
cg13487210	ZNF189;ZNF189	0.106136	0.631952	1.10819	1.10819	0.0774651	0.658493	-1.51862	0.312118	1.24931	1.24931	0.554716	1.13564	1.13564	0.0104695	1.98565	1.98565	0.966206	1.00906	1.00906	0.093804	1.48032	1.48032	0.383592	0.826799	-1.20948	0.855237	1.03964	1.03964	2.49586	1.79133	0.637975	1
cg05184607	DPEP1;DPEP1	0.106138	0.178209	1.66546	1.66546	0.483821	0.775898	-1.28883	0.106471	0.533358	-1.87492	0.255229	1.5274	1.5274	0.197348	0.615113	-1.62572	0.0774385	2.01361	2.01361	0.511839	1.26775	1.26775	0.0313175	2.46141	2.46141	0.436388	1.32729	1.32729	2.49584	5.02629	1.7901	1
cg11574975	ADORA3	0.106138	0.500719	0.812084	-1.2314	0.662591	0.874841	-1.14306	0.627201	1.16074	1.16074	0.742089	0.904318	-1.10581	0.145294	0.621089	-1.61008	0.0178219	2.4042	2.4042	0.0303692	0.460647	-2.17086	0.37033	1.32336	1.32336	0.970536	1.01131	1.01131	2.49584	3.66627	1.30574	1
cg20206377	TSPAN32;C11orf21;TSPAN32;C11orf21	0.106139	0.280513	0.782034	-1.27872	0.563484	1.13656	1.13656	0.0251884	0.557956	-1.79226	0.178335	0.730939	-1.3681	0.0656274	0.635832	-1.57274	0.324477	1.24984	1.24984	0.559415	1.13811	1.13811	0.290817	0.786424	-1.27158	0.0428259	0.59993	-1.66686	2.49583	1.89881	0.676261	1
cg13789457	RERE;RERE;RERE	0.10614	0.572753	1.0984	1.0984	0.876834	0.974782	-1.02587	0.47079	0.886195	-1.12842	0.18312	1.2619	1.2619	0.417146	1.14632	1.14632	0.472065	1.12802	1.12802	0.00279093	1.97133	1.97133	0.81782	0.962715	-1.03873	0.811574	0.961434	-1.04011	2.49583	1.072	0.381793	1
cg06383411	ZNF662;ZNF662	0.10614	0.0387813	0.649404	-1.53987	0.373383	0.848015	-1.17922	0.429968	0.864725	-1.15644	0.167237	0.766731	-1.30424	0.0486362	0.666093	-1.50129	0.216007	0.790646	-1.26479	0.178814	1.29392	1.29392	0.317819	1.20477	1.20477	0.0759899	0.700301	-1.42796	2.49582	1.28656	0.458209	1
cg18473379	BAG5;BAG5;BAG5	0.106142	0.460224	1.25813	1.25813	0.704092	0.889997	-1.1236	0.871167	1.05082	1.05082	0.0807936	1.80645	1.80645	0.202278	1.50856	1.50856	0.125232	1.65998	1.65998	0.65136	0.870292	-1.14904	0.00636782	2.95788	2.95788	0.110273	1.70157	1.70157	2.49581	3.68689	1.3131	1
cg22429199	CRYBG3	0.106143	0.764045	1.13614	1.13614	0.463739	0.72891	-1.37191	0.781052	0.888572	-1.1254	0.0193124	0.30129	-3.31906	0.564901	0.78137	-1.2798	0.232697	0.588244	-1.69998	0.787705	0.891863	-1.12125	0.825547	1.09812	1.09812	0.0061971	0.220179	-4.54175	2.49579	7.10596	2.53082	1
cg15225418	BAT2	0.106143	0.520171	0.856218	-1.16793	0.21099	1.36866	1.36866	0.129226	1.47753	1.47753	0.34792	1.25876	1.25876	0.0831026	0.633249	-1.57916	0.0545358	1.681	1.681	0.0516835	1.69441	1.69441	0.130009	1.47617	1.47617	0.830257	0.950163	-1.05245	2.49579	2.24141	0.798289	1
cg07541023	TWISTNB	0.106146	0.210979	0.369096	-2.70932	0.0899892	4.29727	4.29727	0.471365	0.582056	-1.71805	0.966501	1.03115	1.03115	?	?	?	?	?	?	0.0712645	0.204612	-4.8873	0.0492638	0.166135	-6.01919	?	?	?	3.28979	17.0076	4.30817	1
cg11209631	SLC4A4;SLC4A4;SLC4A4	0.106147	0.0497122	0.656487	-1.52326	0.0581763	0.668651	-1.49555	0.0934509	0.70691	-1.41461	0.163339	1.32272	1.32272	0.315851	0.822868	-1.21526	0.210212	1.28175	1.28175	0.695647	0.928755	-1.07671	0.184471	0.767488	-1.30295	0.170703	0.760139	-1.31555	2.49576	1.39696	0.497541	1
cg06820975	KLHL2	0.106148	0.0310275	0.439301	-2.27634	0.131083	1.69834	1.69834	0.155328	1.63891	1.63891	0.844193	1.06602	1.06602	0.566063	0.828226	-1.2074	0.124187	0.582227	-1.71754	0.483118	0.793288	-1.26058	0.874366	0.949889	-1.05275	0.0748358	1.90535	1.90535	2.49575	4.17245	1.48607	1
cg13690564	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNAT;BLCAP	0.106148	0.455288	0.768978	-1.30043	0.357798	0.721324	-1.38634	0.303185	1.44543	1.44543	0.862839	1.06155	1.06155	0.0375188	0.434442	-2.30181	0.159054	0.594568	-1.68189	0.0255053	0.399757	-2.50152	0.0351998	0.428525	-2.33358	0.86683	1.05969	1.05969	2.49574	4.71658	1.67987	1
cg23697081	B9D2;TMEM91	0.106148	0.456424	1.17077	1.17077	0.844838	1.04157	1.04157	0.308775	1.24478	1.24478	0.0239041	0.571096	-1.75102	0.870112	1.0346	1.0346	0.0900899	0.678208	-1.47447	0.0342145	0.598339	-1.67129	0.471671	1.16438	1.16438	0.487138	1.15807	1.15807	2.49574	1.70787	0.608279	1
cg09522706	MCM7;MCM7;MIR25;MIR93	0.10615	0.382234	1.28412	1.28412	0.0421373	1.92199	1.92199	0.0449294	1.90074	1.90074	0.0931852	1.67426	1.67426	0.28376	1.36447	1.36447	0.0387122	1.95046	1.95046	0.313608	1.33754	1.33754	0.0224856	2.14427	2.14427	0.0784031	1.72562	1.72562	2.49572	3.07808	1.09631	1
cg25940730	TAPT1;FLJ39653;FLJ39653	0.106152	0.767875	1.0331	1.0331	0.280407	1.13137	1.13137	0.193891	0.859667	-1.16324	0.0302712	1.3234	1.3234	0.0973545	1.22156	1.22156	0.192064	0.859071	-1.16405	0.0760147	0.804769	-1.24259	0.828113	0.976364	-1.02421	0.660611	1.04981	1.04981	2.4957	0.478321	0.170362	1
cg23729963	RBM12B	0.106154	0.427221	0.87845	-1.13837	0.00218919	0.50316	-1.98744	0.30546	0.843966	-1.18488	0.205743	0.80783	-1.23788	0.755487	0.951286	-1.05121	0.690265	0.937971	-1.06613	0.376663	0.864993	-1.15608	0.617121	1.08391	1.08391	0.585113	0.915639	-1.09213	2.49568	1.01021	0.359807	1
cg00915974	CASKIN1	0.106157	0.38516	1.39473	1.39473	0.0108451	3.30521	3.30521	0.096632	1.97696	1.97696	0.0170342	2.96554	2.96554	0.633867	1.19638	1.19638	0.0646816	2.17147	2.17147	0.244079	1.5768	1.5768	0.317245	1.47157	1.47157	0.49219	1.29779	1.29779	2.49565	5.51906	1.96575	1
cg08138375	CS	0.106162	0.913201	1.02257	1.02257	0.134617	0.718764	-1.39128	0.0890289	0.681177	-1.46805	0.377973	1.20343	1.20343	0.374073	0.829627	-1.20536	0.764516	1.06343	1.06343	0.00537698	0.472229	-2.11762	0.99791	0.999464	-1.00054	0.322671	0.811291	-1.2326	2.4956	1.65635	0.589962	1
cg14632180	CDR2L	0.106162	0.317626	0.410682	-2.43497	0.385767	0.464864	-2.15117	0.238063	2.89995	2.89995	0.228858	0.336914	-2.96811	0.0136387	0.0721775	-13.8547	0.207593	0.318284	-3.14184	0.0190396	0.0866942	-11.5348	0.728687	0.740821	-1.34985	0.403072	0.478465	-2.09002	2.4956	29.3349	10.4486	1
cg22370252	HOXC4;HOXC4	0.106163	0.0445685	4.5901	4.5901	0.0142982	7.35904	7.35904	0.232556	2.28674	2.28674	0.99079	1.00766	1.00766	0.342606	0.524129	-1.90793	0.049765	4.38705	4.38705	0.140272	2.85277	2.85277	0.486922	1.59472	1.59472	0.713092	1.27636	1.27636	2.49559	17.2539	6.14555	1
cg03966955	KCTD5	0.106165	0.539334	0.687055	-1.45549	0.0924819	3.05963	3.05963	0.838836	1.13088	1.13088	0.132259	0.374887	-2.66747	0.0433273	0.245704	-4.06994	0.111666	0.351207	-2.84733	0.026611	0.204524	-4.88941	0.660745	0.765871	-1.3057	0.964826	0.973718	-1.02699	2.49557	14.4176	5.13536	1
cg09520857	ANO7	0.106166	0.715017	0.917835	-1.08952	0.0225958	0.528144	-1.89342	0.409613	1.21795	1.21795	0.476692	0.844356	-1.18433	0.171078	1.406	1.406	0.564636	1.14584	1.14584	0.0406302	1.73794	1.73794	0.468531	1.1882	1.1882	0.226275	0.742997	-1.3459	2.49556	2.1606	0.76958	1
cg17835109	NCCRP1	0.106167	0.0662172	0.434783	-2.3	0.0438879	0.392111	-2.5503	0.111667	0.496421	-2.01442	0.128684	0.514908	-1.9421	0.0126753	0.285803	-3.49891	0.148529	0.534507	-1.87088	0.0629432	0.429272	-2.32953	0.203478	0.581236	-1.72047	0.677923	0.84466	-1.18391	2.49554	6.45833	2.3004	1
cg22464423	CADM4	0.10617	0.0529568	2.38303	2.38303	0.687405	0.852394	-1.17317	0.0437143	2.49776	2.49776	0.152492	0.546028	-1.83141	0.170816	0.562247	-1.77858	0.764503	0.888146	-1.12594	0.144263	0.538332	-1.85759	0.756186	1.13085	1.13085	0.238345	1.62844	1.62844	2.49552	6.16116	2.19457	1
cg06710083	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.10617	0.828338	0.933249	-1.07152	0.0104728	0.358787	-2.78717	0.0673357	0.520909	-1.91972	0.673524	0.873882	-1.14432	0.466651	1.26574	1.26574	0.745251	1.10928	1.10928	0.162697	1.6066	1.6066	0.293415	1.41443	1.41443	0.598961	1.18391	1.18391	2.49552	4.00004	1.42479	1
cg15370635	C14orf132	0.106171	0.0149967	0.144327	-6.9287	0.695567	0.775258	-1.28989	0.573165	1.44557	1.44557	0.608149	0.715517	-1.39759	0.0597711	0.25284	-3.95506	0.208739	0.424105	-2.35791	0.0376845	0.210037	-4.76106	0.841531	0.878464	-1.13835	0.058613	0.250858	-3.98632	2.49551	16.5604	5.89875	1
cg14205952	ABL1	0.106171	0.989588	0.996976	-1.00303	0.0315554	1.79538	1.79538	0.14079	1.44444	1.44444	0.62821	1.11993	1.11993	0.668915	0.90497	-1.10501	0.214431	1.35442	1.35442	0.0188335	0.516617	-1.93567	0.47515	1.1836	1.1836	0.726075	1.08507	1.08507	2.4955	2.12939	0.758481	1
cg12367971	KRTAP10-8;C21orf29	0.106172	0.678496	0.726667	-1.37615	0.111729	0.265331	-3.76887	0.121679	0.276601	-3.61532	0.183685	0.33946	-2.94586	0.0953264	0.245697	-4.07005	0.388116	0.507865	-1.96903	0.00812999	0.0746273	-13.3999	0.0433573	0.168673	-5.92864	0.0970849	0.247874	-4.03431	2.4955	23.1887	8.25976	1
cg12597066	ZNF287	0.106173	0.0536416	0.299963	-3.33374	0.170868	0.448777	-2.22828	0.344522	0.585677	-1.70743	0.0787362	0.34205	-2.92355	0.018571	0.208397	-4.79854	0.500276	0.686642	-1.45636	0.022579	0.223016	-4.48397	0.0784664	0.341647	-2.927	0.179479	0.456836	-2.18897	2.49548	11.9323	4.25027	1
cg01067936	PAQR3	0.106176	0.156053	0.905461	-1.10441	0.123172	1.11549	1.11549	0.414062	1.05616	1.05616	0.34574	0.938428	-1.06561	0.191959	0.913573	-1.0946	0.826776	1.01445	1.01445	0.223093	1.08739	1.08739	0.503194	1.04547	1.04547	0.0147375	1.21705	1.21705	2.49546	0.169266	0.060293	1
cg25942688	CENPA;CENPA	0.106176	0.308078	0.769742	-1.29914	0.0460653	0.567201	-1.76304	0.310959	0.771022	-1.29698	0.600017	0.876999	-1.14025	0.00603528	0.41075	-2.43457	0.160247	0.689258	-1.45084	0.39153	1.24329	1.24329	0.82506	1.05645	1.05645	0.615006	0.881798	-1.13405	2.49546	2.43186	0.866234	1
cg02830576	RAF1	0.106187	0.156686	1.22044	1.22044	0.0510188	0.746571	-1.33946	0.31561	1.14619	1.14619	0.195402	1.19731	1.19731	0.188411	0.832548	-1.20113	0.0948562	1.27301	1.27301	0.191606	1.19937	1.19937	0.364368	0.884642	-1.1304	0.238712	1.17618	1.17618	2.49534	0.683405	0.243442	1
cg08616681	RHOT2	0.106188	0.206546	0.811639	-1.23208	0.053651	1.40955	1.40955	0.875553	0.975748	-1.02486	0.0731266	0.731185	-1.36764	0.193767	0.806222	-1.24035	0.29501	1.18546	1.18546	0.0620781	0.719592	-1.38968	0.138214	0.77877	-1.28408	0.716308	0.944433	-1.05884	2.49533	0.969833	0.345475	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17804886	RASA3	0.106188	0.260918	0.719637	-1.38959	0.441901	0.802496	-1.24611	0.0128605	0.420302	-2.37924	0.0438558	0.52204	-1.91556	0.0239777	0.469687	-2.12908	0.229357	0.701921	-1.42466	0.432463	0.798683	-1.25206	0.876518	1.0446	1.0446	0.111847	0.61517	-1.62557	2.49533	3.11176	1.10848	1
cg24424525	KIAA1217;KIAA1217;PRINS;KIAA1217	0.106189	0.77174	1.14318	1.14318	0.0640985	0.383966	-2.6044	0.00875504	0.215196	-4.64693	0.780685	1.13701	1.13701	0.089305	0.42236	-2.36765	0.276143	0.593847	-1.68393	0.201293	0.537498	-1.86047	0.112146	0.451238	-2.21613	0.794411	1.12765	1.12765	2.49532	8.36377	2.97937	1
cg09580214	PSMC3	0.106195	0.126033	0.287788	-3.47478	0.329793	2.13123	2.13123	0.208499	2.71188	2.71188	0.902715	0.912098	-1.09637	0.120506	0.281651	-3.55049	0.853994	0.87057	-1.14867	0.0380408	0.163743	-6.10714	0.0582295	5.00527	5.00527	0.594851	1.49761	1.49761	2.49526	22.3731	7.96999	1
cg02416716	ZNF215	0.106197	0.723689	1.07038	1.07038	0.711932	1.07366	1.07366	0.138785	1.35709	1.35709	0.592486	1.10908	1.10908	0.310204	1.22288	1.22288	0.378821	0.841129	-1.18888	0.00883467	0.527963	-1.89407	0.761284	0.943287	-1.06012	0.120743	1.3805	1.3805	2.49523	1.45102	0.516904	1
cg08080060	EGLN2;EGLN2	0.1062	0.355845	1.87273	1.87273	0.373522	1.82844	1.82844	0.967047	1.02767	1.02767	0.871588	0.898648	-1.11278	0.110421	0.316891	-3.15566	0.225426	0.431271	-2.31873	0.00598321	0.0931607	-10.7341	0.221612	0.427981	-2.33655	0.887205	1.09829	1.09829	2.49521	17.2457	6.14356	1
cg13375538	PRDX2;PRDX2	0.1062	0.91803	0.967145	-1.03397	0.096066	0.552611	-1.80959	0.00897241	2.94006	2.94006	0.545157	1.21984	1.21984	0.925089	1.03099	1.03099	0.182674	1.58235	1.58235	0.315367	0.713981	-1.4006	0.306321	0.709141	-1.41016	0.654774	1.15726	1.15726	2.49521	4.16173	1.48257	1
cg03332113	RAI14;RAI14;RAI14	0.106202	0.291824	1.14816	1.14816	0.026147	1.39559	1.39559	0.396554	1.1159	1.1159	0.263819	1.15851	1.15851	0.586617	1.07181	1.07181	0.39974	1.11504	1.11504	0.0212674	0.704891	-1.41866	0.185295	1.19415	1.19415	0.624584	1.06428	1.06428	2.49519	0.630534	0.224622	1
cg06759117	CHD9	0.106205	0.817004	0.974749	-1.02591	0.590915	1.0617	1.0617	0.266909	1.13613	1.13613	0.338623	1.11498	1.11498	0.40864	1.09774	1.09774	0.60036	1.06006	1.06006	0.0039926	0.652497	-1.53257	0.539095	0.933689	-1.07102	0.982958	0.997646	-1.00236	2.49516	0.481106	0.171392	1
cg11085294	ASTN1;ASTN1	0.106206	0.429866	0.798348	-1.25259	0.257908	0.718961	-1.3909	0.411963	0.791005	-1.26421	0.389219	0.781444	-1.27968	0.0291572	0.487518	-2.05121	0.398569	1.27322	1.27322	0.0262131	2.08974	2.08974	0.284178	1.36471	1.36471	0.703577	0.898668	-1.11276	2.49515	3.08669	1.09962	1
cg03032214	GALR1	0.106206	0.94356	0.984581	-1.01566	0.22267	0.754844	-1.32478	0.0137186	1.95193	1.95193	0.384959	1.21591	1.21591	0.64904	1.10579	1.10579	0.124725	0.694358	-1.44018	0.708884	0.920986	-1.08579	0.0737702	0.645691	-1.54873	0.664868	1.10038	1.10038	2.49515	1.90343	0.678091	1
cg20141160	SLC45A1	0.106208	0.272696	0.768601	-1.30107	0.0173028	1.95101	1.95101	0.559648	1.14567	1.14567	0.470571	1.18438	1.18438	0.0264915	1.83387	1.83387	0.806346	1.05825	1.05825	0.122991	1.46993	1.46993	0.958975	1.01193	1.01193	0.317095	0.787873	-1.26924	2.49512	2.10014	0.748174	1
cg18720506	ZNF827	0.106208	0.812729	0.953325	-1.04896	0.977733	1.00564	1.00564	0.559974	0.888063	-1.12605	0.748723	0.937321	-1.06687	0.051149	0.639339	-1.56412	0.676544	1.08817	1.08817	0.00974359	1.93177	1.93177	0.893722	1.02729	1.02729	0.12598	0.716439	-1.39579	2.49512	1.60304	0.571083	1
cg23698269	SBF2	0.106211	0.332174	1.56301	1.56301	0.007624	4.62527	4.62527	0.69162	0.836959	-1.1948	0.547994	0.762321	-1.31178	0.0706808	0.405885	-2.46375	0.422956	0.693937	-1.44105	0.409539	1.45721	1.45721	0.651881	0.81649	-1.22476	0.822268	0.904442	-1.10565	2.49509	7.87517	2.80557	1
cg15962336	DMRTB1	0.106214	0.166542	0.524396	-1.90696	0.41135	0.692383	-1.44429	0.0388492	0.351094	-2.84824	0.0338299	0.338114	-2.95758	0.0102639	0.242735	-4.11971	0.492543	0.737111	-1.35665	0.0770064	0.422944	-2.36438	0.38983	0.68002	-1.47054	0.259133	0.597378	-1.67398	2.49506	7.5679	2.69613	1
cg11862080	PEX3;PEX3;ADAT2	0.106215	0.614247	0.834582	-1.1982	0.0277407	0.396259	-2.5236	0.776117	0.903531	-1.10677	0.358388	0.714601	-1.39938	0.259983	0.658321	-1.51902	0.0468011	0.444931	-2.24754	0.0129383	0.333645	-2.99719	0.0518107	0.455039	-2.19761	0.301043	0.682998	-1.46413	2.49505	5.00243	1.78217	1
cg13625631	TLE3;TLE3;TLE3	0.106217	0.142661	0.391566	-2.55385	0.167231	2.40148	2.40148	0.605287	1.36372	1.36372	0.33155	1.81505	1.81505	0.0312766	0.222346	-4.4975	0.0978192	2.94683	2.94683	0.0887411	3.05625	3.05625	0.840308	1.12755	1.12755	0.713871	0.803219	-1.24499	2.49503	13.9911	4.98453	1
cg03704503	COMTD1	0.106219	0.44922	0.810524	-1.23377	0.201589	1.44394	1.44394	0.151242	1.52037	1.52037	0.554415	0.849675	-1.17692	0.474753	0.820352	-1.21899	0.00724988	2.56953	2.56953	0.103303	1.62484	1.62484	0.615184	1.14807	1.14807	0.313913	1.32807	1.32807	2.49501	2.9326	1.04479	1
cg18144906	BEND4;BEND4	0.106221	0.47184	1.47721	1.47721	0.0834742	0.360104	-2.77697	0.819658	0.885381	-1.12946	0.681108	1.24643	1.24643	0.139732	0.428633	-2.333	0.0416637	0.285962	-3.49696	0.302049	0.565534	-1.76824	0.472248	1.47666	1.47666	0.0165195	0.209872	-4.76481	2.49499	11.2301	4.00092	1
cg15914335	PXDN	0.106221	0.37608	0.688742	-1.45192	0.799395	1.11019	1.11019	0.0840901	0.45631	-2.19149	0.223805	0.591775	-1.68983	0.0766743	0.445618	-2.24407	0.802248	0.902118	-1.1085	0.0148838	0.29243	-3.41962	0.125454	1.97535	1.97535	0.849939	1.08085	1.08085	2.49499	6.65872	2.3723	1
cg17254273	NEB;NEB;NEB	0.106222	0.0322444	0.47239	-2.11689	0.230057	0.686204	-1.45729	0.157517	0.636356	-1.57145	0.233614	0.688359	-1.45273	0.026294	0.454723	-2.19914	0.70753	0.893411	-1.11931	0.221326	1.46881	1.46881	0.271749	0.710251	-1.40795	0.0572069	0.52551	-1.90291	2.49498	3.53384	1.259	1
cg07340580	SLC26A4;LOC286002;SLC26A4	0.106222	0.0457204	8.53484	8.53484	0.0972503	5.49347	5.49347	0.220457	3.33969	3.33969	0.103523	5.29427	5.29427	0.053548	7.78582	7.78582	0.121172	4.82136	4.82136	0.96309	1.04427	1.04427	0.0278794	11.3867	11.3867	0.0416901	9.00521	9.00521	2.49498	34.6232	12.3352	1
cg26724186	PIP5K1C	0.106223	0.269264	1.4297	1.4297	0.324494	1.37181	1.37181	0.124213	1.67734	1.67734	0.102798	0.574321	-1.74119	0.324184	0.728808	-1.3721	0.3732	0.752748	-1.32847	0.0346576	2.1494	2.1494	0.892688	0.958931	-1.04283	0.0796911	1.82993	1.82993	2.49497	3.81445	1.35898	1
cg19194098	ARMC4	0.106223	0.0423534	0.51263	-1.95073	0.00713359	0.37043	-2.69957	0.367961	0.767756	-1.3025	0.546541	1.19051	1.19051	0.100007	0.597459	-1.67376	0.689209	0.891465	-1.12175	0.716787	1.10973	1.10973	0.999274	0.99974	-1.00026	0.278852	0.724861	-1.37958	2.49497	3.2273	1.1498	1
cg18902930	ICAM5	0.106223	0.543609	1.12241	1.12241	0.586132	0.901882	-1.10879	0.469371	0.870862	-1.14829	0.893705	0.9752	-1.02543	0.0552354	0.664821	-1.50417	0.681588	0.92543	-1.08058	0.0115279	1.81039	1.81039	0.108128	0.719438	-1.38997	0.775083	0.947607	-1.05529	2.49497	1.39437	0.496774	1
cg26965151	SNX8	0.106223	0.0377796	0.521664	-1.91694	0.209876	1.42896	1.42896	0.0204421	2.12668	2.12668	0.470768	1.21918	1.21918	0.617013	0.87268	-1.1459	0.473564	1.21761	1.21761	0.0945925	1.64262	1.64262	0.914302	0.971342	-1.0295	0.986557	1.00456	1.00456	2.49497	2.88295	1.02711	1
cg02563600	KIAA0182;KIAA0182	0.106223	0.339676	0.754533	-1.32532	0.00911573	2.58096	2.58096	0.0843383	1.7272	1.7272	0.225267	0.694532	-1.43982	0.558894	0.844364	-1.18432	0.534066	0.835067	-1.19751	0.582812	1.17207	1.17207	0.420195	0.790009	-1.26581	0.736597	0.907898	-1.10145	2.49497	3.23695	1.15324	1
cg01621835	PPP1R14C	0.106227	0.781885	1.06672	1.06672	0.0508847	0.595937	-1.67803	0.694546	1.0962	1.0962	0.573664	1.14146	1.14146	0.100992	1.51892	1.51892	0.600061	1.13102	1.13102	0.00899576	2.16624	2.16624	0.832848	0.952005	-1.05041	0.999939	1.00002	1.00002	2.49494	2.14012	0.762477	1
cg04068686	TMEM146;LONP1	0.106229	0.233882	0.783881	-1.2757	0.304402	0.812592	-1.23063	0.449377	1.1623	1.1623	0.329997	0.821902	-1.21669	0.983983	0.996091	-1.00392	0.0343781	0.617851	-1.61851	0.0607958	1.51043	1.51043	0.807879	0.953579	-1.04868	0.0688986	1.48765	1.48765	2.49491	1.50424	0.535931	1
cg22836174	TM4SF20	0.10623	0.0138671	0.0821537	-12.1723	0.170977	0.301728	-3.31424	0.961816	0.961414	-1.04013	0.174671	0.305236	-3.27615	0.0175432	0.0929441	-10.7592	0.427531	0.513842	-1.94612	0.0649714	0.182078	-5.49216	0.510351	0.577618	-1.73125	0.119603	0.249543	-4.00733	2.4949	26.6954	9.5111	1
cg11218385	ADCYAP1R1	0.10623	0.0727133	0.722526	-1.38403	0.0866278	0.735485	-1.35965	0.0709813	1.38741	1.38741	0.0257618	0.650608	-1.53702	0.302661	0.840867	-1.18925	0.873376	0.974442	-1.02623	0.874319	0.974632	-1.02603	0.429741	1.13979	1.13979	0.708824	0.940924	-1.06278	2.4949	1.04117	0.370952	1
cg21385746	LOC150568	0.106234	0.172744	0.34196	-2.92432	0.633562	1.42642	1.42642	0.102126	0.266325	-3.75481	0.593164	0.671125	-1.49003	0.0374189	0.167626	-5.96565	0.0258891	7.07098	7.07098	0.830684	1.17158	1.17158	0.31753	0.465761	-2.14702	0.918149	1.07898	1.07898	2.49486	21.6091	7.69906	1
cg18494421	OBSCN;OBSCN	0.106235	0.0900565	0.574819	-1.73968	0.166632	0.645939	-1.54813	0.0385868	0.491595	-2.0342	0.832676	0.939224	-1.06471	0.3833	0.767238	-1.30338	0.370046	0.761232	-1.31366	0.0263003	2.18357	2.18357	0.321118	0.738007	-1.355	0.47911	0.807965	-1.23768	2.49485	3.47058	1.23653	1
cg23489497	GPN2;GPN2	0.106236	0.643986	0.93799	-1.06611	0.756685	1.04368	1.04368	0.0142734	1.51545	1.51545	0.242813	1.1831	1.1831	0.695795	0.947381	-1.05554	0.0650065	1.32979	1.32979	0.0891647	0.772701	-1.29416	0.580796	0.926143	-1.07975	0.396394	1.1269	1.1269	2.49484	0.747703	0.2664	1
cg03682444	L1CAM;L1CAM;L1CAM	0.106238	0.819196	1.14112	1.14112	0.743776	1.20817	1.20817	0.743784	0.827704	-1.20816	0.236687	0.489267	-2.04387	0.113493	0.370477	-2.69923	0.350725	1.73982	1.73982	0.00383098	0.105656	-9.46469	0.883707	0.919074	-1.08805	0.934661	0.953825	-1.04841	2.49482	13.1352	4.67998	1
cg07025949	ADARB2	0.106238	0.022893	0.456731	-2.18947	0.2808	1.38088	1.38088	0.241249	0.702472	-1.42354	0.134967	0.628825	-1.59027	0.257038	0.711387	-1.40571	0.066943	0.553655	-1.80618	0.118786	0.6142	-1.62813	0.074214	0.563996	-1.77306	0.0898931	0.583817	-1.71287	2.49482	3.27457	1.16671	1
cg19358442	ALX4	0.106243	0.495381	0.771431	-1.29629	0.0271231	0.3751	-2.66595	0.655407	0.845036	-1.18338	0.135215	1.82874	1.82874	0.101001	0.510038	-1.96064	0.289497	0.662234	-1.51004	0.541365	0.793132	-1.26082	0.074064	2.10902	2.10902	0.461729	1.32428	1.32428	2.49477	5.55217	1.97825	1
cg10115873	DNAJB7;XPNPEP3	0.106245	0.912107	0.966884	-1.03425	0.120231	0.59806	-1.67207	0.0699857	0.539065	-1.85506	0.889735	1.04322	1.04322	0.0429315	2.03511	2.03511	0.789889	1.08486	1.08486	0.434345	1.27544	1.27544	0.0673918	1.86842	1.86842	0.159252	1.58218	1.58218	2.49475	3.67542	1.30957	1
cg04499015	COL11A2;COL11A2;COL11A2	0.106246	0.138569	0.581799	-1.71881	0.880625	1.05237	1.05237	0.0265056	0.409239	-2.44356	0.444002	1.30354	1.30354	0.875955	1.0545	1.0545	0.181852	1.61831	1.61831	0.484204	1.27314	1.27314	0.0289907	0.417107	-2.39747	0.367615	0.730248	-1.3694	2.49474	4.55911	1.62443	1
cg01636300	TRAF7	0.106248	0.27896	0.820551	-1.21869	0.0448558	1.49862	1.49862	0.0482003	1.48691	1.48691	0.505068	0.887955	-1.12618	0.175828	0.776547	-1.28775	0.24778	0.80872	-1.23652	0.253505	1.23309	1.23309	0.22865	1.24855	1.24855	0.327953	1.19413	1.19413	2.49471	1.21972	0.434595	1
cg18128495	RAB24;RAB24	0.106249	0.342992	0.820111	-1.21935	0.926304	1.01896	1.01896	0.0593248	1.54057	1.54057	0.514873	1.14346	1.14346	0.105996	0.698794	-1.43104	0.233357	0.775963	-1.28872	0.0177944	1.79483	1.79483	0.54322	1.13306	1.13306	0.975852	0.993874	-1.00616	2.4947	1.62815	0.580127	1
cg12973365	HLCS	0.106251	0.468702	0.750868	-1.33179	0.00677261	3.91189	3.91189	0.0929589	2.05107	2.05107	0.369919	0.699167	-1.43027	0.410202	1.38724	1.38724	0.909817	1.04502	1.04502	0.315782	0.668236	-1.49648	0.477317	0.755168	-1.32421	0.726422	1.14628	1.14628	2.49469	5.96804	2.12649	1
cg24387129	OR13A1	0.106251	0.132902	1.88762	1.88762	0.503153	0.766249	-1.30506	0.00568332	0.241369	-4.14304	0.225102	0.606992	-1.64747	0.538137	1.27666	1.27666	0.510935	0.77007	-1.29858	0.630404	1.20921	1.20921	0.494971	1.31197	1.31197	0.729265	0.872718	-1.14585	2.49469	6.06639	2.16153	1
cg01606197	C6orf125	0.106252	0.224714	0.856119	-1.16806	0.499485	1.08709	1.08709	0.012938	1.45618	1.45618	0.495701	1.08792	1.08792	0.0239504	1.38839	1.38839	0.912048	0.986631	-1.01355	0.797368	1.03184	1.03184	0.334406	0.885793	-1.12893	0.596714	1.06721	1.06721	2.49467	0.586287	0.208903	1
cg02464568	PBX2	0.106253	0.392384	1.10996	1.10996	0.246058	1.15539	1.15539	0.376536	0.89759	-1.11409	0.427917	1.10116	1.10116	0.357697	1.1192	1.1192	0.484269	1.08831	1.08831	0.00307886	1.61992	1.61992	0.536869	0.928252	-1.07729	0.713137	1.04494	1.04494	2.49466	0.560058	0.199558	1
cg14150883	NHSL2	0.106253	0.457229	1.53939	1.53939	0.0435513	0.266492	-3.75246	0.0745543	0.322404	-3.1017	0.0605907	0.299526	-3.33861	0.0244028	0.216914	-4.61011	0.559479	0.71442	-1.39974	0.363323	1.70292	1.70292	0.900505	0.93121	-1.07387	0.817564	0.876636	-1.14072	2.49466	12.8281	4.57086	1
ch.14.1488981F	RIN3	0.106255	0.00590388	0.188686	-5.29981	0.941404	0.966536	-1.03462	0.989689	0.994035	-1.006	0.0212798	0.277567	-3.60274	0.276496	0.592099	-1.68891	0.195205	0.530283	-1.88579	0.212487	0.54444	-1.83675	0.674087	0.822145	-1.21633	0.481339	0.717925	-1.3929	2.49465	8.46985	3.01797	1
cg07856616	TMEM143;SYNGR4	0.106256	0.402169	1.13062	1.13062	0.0692364	0.747481	-1.33783	0.0300324	0.693907	-1.44111	0.183843	1.2237	1.2237	0.968669	0.994392	-1.00564	0.161427	0.807251	-1.23877	0.387228	0.880822	-1.1353	0.0431115	0.716627	-1.39543	0.943191	0.989848	-1.01026	2.49463	0.809984	0.288614	1
cg08872590	LRRC24;LRRC14	0.106258	0.286904	3.30841	3.30841	0.150017	5.31037	5.31037	0.0909441	7.49892	7.49892	0.298574	3.20843	3.20843	0.259722	3.56825	3.56825	0.264794	3.51659	3.51659	0.0271977	16.9179	16.9179	0.0246532	18.083	18.083	0.0169869	23.3241	23.3241	2.49462	46.2519	16.4806	1
cg07095072	MLL5;LOC100216545;MLL5	0.106258	0.477435	0.796848	-1.25494	0.136804	0.604182	-1.65513	0.304906	1.39656	1.39656	0.210263	1.51447	1.51447	0.0262154	0.436455	-2.29119	0.424823	0.773961	-1.29205	0.208845	1.51664	1.51664	0.181106	1.56265	1.56265	0.221346	1.49803	1.49803	2.49462	3.905	1.39144	1
cg24420778	PRDX6	0.106258	0.753808	1.04771	1.04771	0.0117869	1.59356	1.59356	0.0251729	1.48357	1.48357	0.406299	1.13412	1.13412	0.253219	0.837959	-1.19338	0.588014	1.0844	1.0844	0.743596	0.952537	-1.04983	0.587641	1.08449	1.08449	0.122459	1.28142	1.28142	2.49462	0.867141	0.308982	1
cg04992588	FAM107A;FAM107A	0.106258	0.987663	0.995321	-1.0047	0.652316	0.871474	-1.14748	0.44369	0.789088	-1.26729	0.181137	1.53824	1.53824	0.0482669	0.504295	-1.98297	0.208423	1.4952	1.4952	0.0159206	2.44848	2.44848	0.374896	1.31818	1.31818	0.453261	1.2608	1.2608	2.49461	3.63507	1.29526	1
cg12157156	NCOR2;NCOR2	0.106259	0.79237	0.889723	-1.12395	0.00753212	4.58621	4.58621	0.131665	2.056	2.056	0.683919	1.19876	1.19876	0.565743	1.29322	1.29322	0.218284	1.77454	1.77454	0.766574	0.876471	-1.14094	0.0286829	3.13636	3.13636	0.18792	1.85525	1.85525	2.4946	7.75024	2.7616	1
cg16742983	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.10626	0.160859	1.30113	1.30113	0.0212924	0.614806	-1.62653	0.323046	0.835775	-1.19649	0.216553	0.795696	-1.25676	0.259156	0.813103	-1.22986	0.342548	0.842093	-1.18752	0.0613459	1.44844	1.44844	0.681107	1.07533	1.07533	0.834097	0.96381	-1.03755	2.49459	1.22037	0.434849	1
cg13279927	LAMA5	0.106264	0.0407294	0.545291	-1.83388	0.755727	1.0834	1.0834	0.664117	0.893905	-1.11869	0.0268833	0.510222	-1.95993	0.0869777	0.615577	-1.62449	0.659177	1.12068	1.12068	0.117901	0.646703	-1.54631	0.14063	0.665734	-1.5021	0.045687	0.555369	-1.8006	2.49455	2.60342	0.927681	1
cg26789068	SNORD115-9;SNORD115-10;SNORD115-12;SNORD115-5	0.106265	0.0348817	0.176615	-5.66202	0.0361553	0.179417	-5.57361	0.118563	0.302774	-3.30279	0.244453	0.423754	-2.35986	0.0510787	0.208739	-4.79067	0.145393	0.33206	-3.0115	0.0243048	0.150622	-6.63913	0.556744	0.657629	-1.52062	0.109571	0.292258	-3.42164	2.49454	19.6438	6.99975	1
cg26243263	CATSPERG	0.106267	0.849877	1.10866	1.10866	?	?	?	0.152615	2.30256	2.30256	0.78097	0.859207	-1.16386	0.0096683	0.168224	-5.94446	0.313034	0.56661	-1.76488	0.762317	1.17955	1.17955	?	?	?	0.352957	1.68257	1.68257	2.55349	9.32199	4.17221	1
cg02301006	C12orf11;FGFR1OP2;FGFR1OP2	0.106268	0.0810839	1.27636	1.27636	0.437828	1.10501	1.10501	0.734261	1.04393	1.04393	0.476369	1.09567	1.09567	0.230789	1.17187	1.17187	0.377382	0.892011	-1.12106	0.027898	0.720506	-1.38791	0.0527593	0.757463	-1.3202	0.991472	0.998652	-1.00135	2.49451	0.628872	0.224091	1
cg08402837	TRIM26	0.106273	0.485922	0.869254	-1.15041	0.260807	0.792869	-1.26124	0.437278	1.16978	1.16978	0.178044	1.32739	1.32739	0.129633	0.723229	-1.38269	0.261127	1.26103	1.26103	0.0140203	1.82271	1.82271	0.832118	1.04291	1.04291	0.266325	0.795164	-1.2576	2.49446	1.54725	0.551356	1
cg05946827	NKX2-1;NKX2-1	0.106273	0.310124	0.823971	-1.21363	0.596611	1.10349	1.10349	0.726577	1.06686	1.06686	0.320348	1.2084	1.2084	0.647235	0.918567	-1.08865	0.945647	0.987509	-1.01265	0.0106298	1.80799	1.80799	0.134305	1.34671	1.34671	0.0293311	1.60515	1.60515	2.49446	1.34272	0.478473	1
cg01874863	SGCZ	0.106275	0.0740957	3.43843	3.43843	0.0424078	4.2643	4.2643	0.0933134	3.14365	3.14365	0.250865	2.10527	2.10527	0.0604636	3.71947	3.71947	0.0675715	3.56324	3.56324	0.111771	2.92889	2.92889	0.0225651	5.44504	5.44504	0.106611	2.98386	2.98386	2.49444	15.21	5.42006	1
cg24159934	PCOTH;MIPEP;PCOTH	0.106276	0.26286	0.658538	-1.51852	0.875926	0.945621	-1.05751	0.276244	0.666786	-1.49973	0.350211	1.41072	1.41072	0.0127105	0.330183	-3.02862	0.894647	0.953694	-1.04855	0.030153	0.401566	-2.49025	0.0610625	0.469829	-2.12844	0.62849	0.839897	-1.19062	2.49442	5.05906	1.8028	1
cg03605361	MAPK9;MAPK9;MAPK9;MAPK9;MAPK9	0.106279	0.144091	0.713485	-1.40157	0.491776	1.16208	1.16208	0.211431	1.32739	1.32739	0.120741	0.696273	-1.43622	0.0133963	0.517432	-1.93262	0.206163	0.750608	-1.33225	0.119949	0.695645	-1.43751	0.641577	1.10611	1.10611	0.649198	0.906179	-1.10354	2.4944	1.82832	0.651529	1
cg23799313	PAQR7	0.106279	0.0908961	0.340957	-2.93293	0.402096	0.60931	-1.6412	0.834564	1.12843	1.12843	0.232704	0.485293	-2.06061	0.0123132	0.165162	-6.05464	0.0968001	0.348847	-2.86659	0.0222436	0.205325	-4.87032	0.268603	0.513921	-1.94583	0.147887	0.407834	-2.45198	2.4944	13.1861	4.69891	1
cg13645078	PHLDA3	0.106281	0.714215	1.03294	1.03294	0.00272907	1.43985	1.43985	0.214352	1.12208	1.12208	0.389785	1.08074	1.08074	0.677896	1.03749	1.03749	0.549894	0.948092	-1.05475	0.731969	0.970162	-1.03076	0.834644	1.01859	1.01859	0.196432	1.12789	1.12789	2.49438	0.306692	0.109292	1
cg04440811	PRDM10;PRDM10;PRDM10;PRDM10	0.106281	0.392694	0.793754	-1.25984	0.246409	0.726327	-1.37679	0.795577	1.07089	1.07089	0.745712	1.08963	1.08963	0.0289578	0.507008	-1.97235	0.604849	1.14763	1.14763	0.118303	1.56413	1.56413	0.120033	1.56032	1.56032	0.0667631	0.581477	-1.71976	2.49437	2.74899	0.979624	1
cg03268697	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.106282	0.603327	1.39163	1.39163	0.0108074	7.52536	7.52536	0.0375778	4.57604	4.57604	0.69208	1.28523	1.28523	0.0842352	0.299933	-3.33408	0.395285	1.73124	1.73124	0.708912	1.26669	1.26669	0.581243	1.42076	1.42076	0.547282	1.46805	1.46805	2.49436	15.6996	5.59471	1
cg01191395	SHBG;SAT2;SHBG;SAT2	0.106284	0.383265	0.905593	-1.10425	0.450292	0.91822	-1.08906	0.0853025	0.809782	-1.2349	0.243824	0.873499	-1.14482	0.505943	0.927877	-1.07773	0.072927	0.801027	-1.2484	0.516108	0.929576	-1.07576	0.0288143	1.331	1.331	0.191921	1.16557	1.16557	2.49435	0.48597	0.173181	1
cg11210357	ZC3H3	0.106288	0.186125	0.521146	-1.91885	0.0459649	0.345261	-2.89636	0.0475108	0.348573	-2.86884	0.175989	0.512251	-1.95217	0.0203946	0.272667	-3.66748	0.0579488	0.369147	-2.70895	0.104487	0.438199	-2.28207	0.719468	1.18257	1.18257	0.472324	0.711853	-1.40478	2.49431	8.53951	3.0432	1
cg08491964	TCF4;TCF4;TCF4;TCF4	0.106288	0.281261	0.877973	-1.13899	0.238582	1.15424	1.15424	0.653443	0.948835	-1.05392	0.55454	0.932891	-1.07194	0.327231	1.12472	1.12472	0.175163	0.845727	-1.18241	0.932671	1.00987	1.00987	0.0634275	0.784618	-1.27451	0.0183553	1.39452	1.39452	2.49431	0.533487	0.190117	1
cg05243338	SATB2	0.106288	0.241144	0.745834	-1.34078	0.73247	0.921265	-1.08546	0.110992	1.51434	1.51434	0.506557	0.85124	-1.17476	0.905798	0.972103	-1.0287	0.0243789	0.526691	-1.89865	0.151369	1.444	1.444	0.782653	0.936047	-1.06832	0.0450843	0.577224	-1.73243	2.4943	2.25642	0.804113	1
cg01637519	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.106289	0.113742	0.544926	-1.83511	0.601147	0.830204	-1.20452	0.954571	1.0203	1.0203	0.38622	0.73097	-1.36804	0.247918	0.653009	-1.53137	0.0516685	0.457789	-2.18441	0.0261388	0.394148	-2.53712	0.655383	1.17173	1.17173	0.0147092	0.346672	-2.88457	2.49429	4.91706	1.75229	1
cg11243029	DDAH1;DDAH1	0.10629	0.158634	0.543676	-1.83933	0.212761	0.588181	-1.70016	0.183837	1.76865	1.76865	0.641621	0.827317	-1.20873	0.0924399	0.472868	-2.11475	0.545942	0.781022	-1.28037	0.0172145	0.309188	-3.23428	0.0399742	0.382846	-2.61202	0.25784	0.620315	-1.61208	2.49428	6.46121	2.30259	1
cg08594695	C18orf16;AQP4	0.106291	0.298652	1.51541	1.51541	0.100167	2.00384	2.00384	0.579356	1.24118	1.24118	0.680639	1.17316	1.17316	0.0144765	0.312669	-3.19827	0.831978	0.921287	-1.08544	0.0822951	2.10165	2.10165	0.175361	1.74384	1.74384	0.556038	1.25831	1.25831	2.49427	5.88195	2.09616	1
cg03461298	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.106292	0.108318	2.2574	2.2574	0.40404	0.672437	-1.48713	0.0362278	0.322435	-3.1014	0.127585	2.1506	2.1506	0.853073	1.08999	1.08999	0.426722	1.45819	1.45819	0.0748555	2.51467	2.51467	0.186716	0.52177	-1.91655	0.801242	0.889372	-1.12439	2.49426	8.53362	3.04116	1
cg22390433	RNF2	0.106294	0.0200963	0.629538	-1.58847	0.304789	0.839147	-1.19169	0.229722	0.812234	-1.23117	0.135975	0.767105	-1.3036	0.0364862	0.66956	-1.49352	0.0388709	0.673925	-1.48385	0.0402878	0.676404	-1.47841	0.126997	0.761576	-1.31307	0.581722	0.912276	-1.09616	2.49424	1.07574	0.383368	1
cg23233605	CDK9	0.106295	0.0163539	0.745564	-1.34127	0.336805	0.905681	-1.10414	0.559694	0.942701	-1.06078	0.10196	0.836043	-1.19611	0.112668	0.84135	-1.18857	0.474504	0.929825	-1.07547	0.0737535	1.22067	1.22067	0.467225	0.928668	-1.07681	0.524608	1.06663	1.06663	2.49423	0.395326	0.140885	1
cg17907056	MTPAP	0.106296	0.96823	0.985015	-1.01521	0.0115371	0.301905	-3.3123	0.629455	1.20239	1.20239	0.881259	1.0583	1.0583	0.41998	0.731717	-1.36665	0.874001	1.06201	1.06201	0.904234	0.955396	-1.04669	0.0954432	2.00254	2.00254	0.0559516	2.2724	2.2724	2.49423	5.67728	2.02326	1
cg12178900	ATP7B;ATP7B	0.106297	0.91779	0.967839	-1.03323	0.11947	0.585704	-1.70735	0.021576	0.417399	-2.39579	0.909859	0.964776	-1.03651	0.0601952	0.51111	-1.95653	0.582218	0.838682	-1.19235	0.896073	1.04225	1.04225	0.0126853	0.374996	-2.6667	0.254685	0.686218	-1.45726	2.49421	3.96011	1.41131	1
cg21743867	LDLR	0.106298	0.866882	0.963614	-1.03776	0.851817	1.04218	1.04218	0.173693	0.726302	-1.37684	0.29032	1.27438	1.27438	0.0301839	0.569405	-1.75622	0.0122666	0.50197	-1.99215	0.173394	0.72612	-1.37718	0.691413	1.09215	1.09215	0.859562	0.961627	-1.0399	2.4942	1.92825	0.687194	1
cg01611679	CPSF4;CPSF4	0.106299	0.295412	0.777503	-1.28617	0.157624	0.704363	-1.41972	0.754366	1.07552	1.07552	0.161168	0.706737	-1.41495	0.0304375	0.554329	-1.80398	0.0700099	0.625091	-1.59977	0.242093	0.75279	-1.32839	0.0633637	1.62298	1.62298	0.518748	0.859223	-1.16384	2.4942	2.12508	0.757342	1
cg15639592	C12orf34	0.106299	0.332107	0.777156	-1.28674	0.0791025	1.63431	1.63431	0.233432	1.36996	1.36996	0.150518	0.678222	-1.47444	0.887503	1.03631	1.03631	0.291488	1.31758	1.31758	0.395867	0.803256	-1.24493	0.0204576	0.494723	-2.02133	0.475392	1.20067	1.20067	2.49419	2.50789	0.89377	1
cg16395997	WDR8	0.106299	0.133115	0.773781	-1.29236	0.330661	0.8531	-1.1722	0.34121	0.856212	-1.16793	0.458124	1.12703	1.12703	0.431283	0.880612	-1.13557	0.0415123	0.689317	-1.45071	0.0953793	1.33642	1.33642	0.132682	1.29278	1.29278	0.133574	0.774051	-1.2919	2.49419	0.98965	0.352696	1
cg11331191	ASB12	0.1063	0.0838661	0.218285	-4.58116	0.0318742	0.13521	-7.39591	0.43561	0.531085	-1.88294	0.212125	0.351458	-2.84529	0.040393	0.152035	-6.57745	0.636424	1.46059	1.46059	0.522703	0.597257	-1.67432	0.0824373	0.216424	-4.62056	0.0255572	0.121143	-8.25468	2.49418	25.0043	8.91117	1
cg01145026	TTLL8	0.106301	0.243593	0.533976	-1.87274	0.183132	0.48367	-2.06753	0.236751	0.528629	-1.89169	0.0791618	0.367038	-2.72451	0.0443998	0.30505	-3.27815	0.0373115	0.288558	-3.4655	0.0163672	0.221122	-4.5224	0.441876	0.668146	-1.49668	0.0534616	0.323688	-3.08939	2.49418	10.4459	3.72277	1
cg15383962	FLII	0.106302	0.394974	0.810922	-1.23316	0.758126	1.07714	1.07714	0.0570598	1.67858	1.67858	0.25821	0.75291	-1.32818	0.199159	0.721541	-1.38592	0.0116437	0.468345	-2.13518	0.739716	1.08351	1.08351	0.275647	0.761231	-1.31366	0.391424	0.809581	-1.23521	2.49417	2.28604	0.814717	1
cg18331135	FSCN3	0.106302	0.0789217	0.712107	-1.40428	0.836058	1.03672	1.03672	0.155	0.767314	-1.30325	0.211487	0.795265	-1.25744	0.00441322	0.516156	-1.9374	0.476776	0.881702	-1.13417	0.669475	0.927995	-1.07759	0.41657	0.865462	-1.15545	0.0862099	0.718994	-1.39083	2.49416	1.19635	0.426365	1
cg12391352	ANKS1B;ANKS1B;ANKS1B	0.106303	0.119609	10.8209	10.8209	0.539377	2.40191	2.40191	0.88296	0.812423	-1.23089	0.315248	4.32479	4.32479	0.0975891	12.9787	12.9787	0.130813	9.98146	9.98146	0.00809723	119.303	119.303	0.0394103	28.7966	28.7966	0.156977	8.45321	8.45321	2.49416	78.5524	27.9952	1
cg26162331	CX3CR1;CX3CR1;CX3CR1;CX3CR1;CX3CR1	0.106306	0.310498	0.736318	-1.35811	0.457766	0.802071	-1.24677	0.102039	0.593329	-1.68541	0.0737034	1.7888	1.7888	0.721714	0.900939	-1.10995	0.321953	1.34777	1.34777	0.0166593	2.34594	2.34594	0.406959	1.28074	1.28074	0.805929	0.930717	-1.07444	2.49412	3.36086	1.19779	1
cg02641770	DLGAP2	0.106306	0.416297	0.715421	-1.39778	0.783933	0.895124	-1.11716	0.278841	0.635165	-1.57439	0.119428	0.506045	-1.97611	0.401904	0.707642	-1.41314	0.726129	0.867832	-1.1523	0.0721531	0.445303	-2.24566	0.00309934	0.195679	-5.11041	0.28977	0.642166	-1.55723	2.49412	6.41837	2.28747	1
cg11865585	ZNF805;ZNF805	0.10631	0.178905	0.388308	-2.57527	0.198081	2.46243	2.46243	0.57767	1.45153	1.45153	0.0968645	0.299004	-3.34444	0.287586	0.481208	-2.0781	0.0471132	0.221992	-4.50467	0.215086	2.37378	2.37378	0.093973	3.38699	3.38699	0.793052	1.19027	1.19027	2.49408	17.3353	6.1783	1
cg16540036	TMCO6	0.10631	0.363227	1.56188	1.56188	0.928931	1.0433	1.0433	0.101575	0.421539	-2.37226	0.672106	0.816702	-1.22444	0.0318319	0.293483	-3.40735	0.200095	1.91291	1.91291	0.162288	2.04657	2.04657	0.0608316	2.78216	2.78216	0.941592	0.965779	-1.03543	2.64855	9.27214	2.72287	1
cg07747220	OXT	0.106311	0.926348	0.962667	-1.03878	0.533177	0.771264	-1.29657	0.107204	0.485016	-2.06179	0.0552957	0.409011	-2.44492	0.625974	0.816989	-1.22401	0.0368149	0.368618	-2.71284	0.0472508	2.54514	2.54514	0.666253	1.19549	1.19549	0.27348	0.625653	-1.59833	2.49407	6.68885	2.38391	1
cg15325373	EMX2;EMX2;EMX2OS;EMX2;EMX2	0.106312	0.63915	1.32653	1.32653	0.0934512	3.01602	3.01602	0.542249	1.44644	1.44644	0.532063	1.46038	1.46038	0.231228	0.471715	-2.11992	0.781375	0.846654	-1.18112	0.41067	1.65431	1.65431	0.00900921	7.29193	7.29193	0.0470594	3.89553	3.89553	2.49406	14.1412	5.03997	1
cg18811916	TMEM33	0.106313	0.0351339	0.264569	-3.77973	0.403007	0.62899	-1.58985	0.489717	0.683761	-1.4625	0.901648	0.935215	-1.06927	0.0169606	0.206484	-4.84299	0.576779	0.736788	-1.35724	0.0118185	0.182127	-5.49068	0.44091	0.653268	-1.53077	0.252361	0.523216	-1.91126	2.49405	11.5935	4.13196	1
cg22501342	RNF8;RNF8	0.106314	0.0337889	0.362848	-2.75598	0.9463	1.02793	1.02793	0.0461739	2.54561	2.54561	0.126687	0.508799	-1.96541	0.417519	0.712578	-1.40336	0.307392	0.649106	-1.54058	0.0809275	0.453145	-2.2068	0.178029	0.556906	-1.79563	0.398157	0.701999	-1.4245	2.49404	6.60777	2.35505	1
cg16681436	EGFL8	0.106315	0.309844	0.721507	-1.38599	0.0172337	2.46276	2.46276	0.456653	0.790204	-1.2655	0.7467	0.90424	-1.1059	0.0380194	0.473752	-2.11081	0.527316	0.819608	-1.2201	0.529528	1.21876	1.21876	0.177324	1.56102	1.56102	0.714025	0.891973	-1.12111	2.49403	3.81076	1.35818	1
cg08218799	ADCY4	0.106316	0.187892	1.54612	1.54612	0.494587	1.24182	1.24182	0.0916459	0.559924	-1.78596	0.0878029	0.555239	-1.80103	0.0250944	0.43517	-2.29795	0.159789	0.625599	-1.59847	0.551066	1.20724	1.20724	0.149328	0.617053	-1.62061	0.977506	0.991235	-1.00884	2.49402	3.85145	1.37269	1
cg17158829	CATSPER4	0.106317	0.357035	0.631736	-1.58294	0.133817	0.456581	-2.19019	0.0683558	0.371787	-2.68972	0.396229	0.656234	-1.52385	0.0126541	0.222511	-4.49415	0.0436984	0.324899	-3.07788	0.0378105	0.311037	-3.21506	0.682053	0.818965	-1.22105	0.129457	0.451899	-2.21288	2.49401	9.28579	3.30954	1
cg17690322	CORO1B;CORO1B;PTPRCAP	0.106317	0.205005	0.665255	-1.50318	0.015503	0.40456	-2.47182	0.0693674	0.538384	-1.85741	0.900598	0.96263	-1.03882	0.197881	0.660468	-1.51408	0.0371961	0.478438	-2.09014	0.509533	1.2262	1.2262	0.0767006	0.548771	-1.82225	0.386803	0.763087	-1.31047	2.494	3.66932	1.30778	1
cg02402141	CARS2	0.106318	0.362117	0.839535	-1.19113	0.0042166	2.0451	2.0451	0.319092	1.21199	1.21199	0.859069	0.967359	-1.03374	0.544792	0.891862	-1.12125	0.880513	1.02848	1.02848	0.761231	0.944683	-1.05856	0.716518	1.07046	1.07046	0.191108	0.772242	-1.29493	2.494	1.37712	0.490822	1
cg18224942	SCNN1D;SCNN1D	0.10632	0.152808	0.551167	-1.81433	0.13427	1.8743	1.8743	0.108399	1.97658	1.97658	0.360451	1.44163	1.44163	0.188437	0.581486	-1.71973	0.77641	0.895139	-1.11715	0.595609	0.811888	-1.2317	0.0244015	0.352228	-2.83907	0.424453	1.37349	1.37349	2.49398	5.97871	2.1309	1
cg17862722	EFNB3	0.10632	0.433184	0.897009	-1.11482	0.0962399	1.28174	1.28174	0.893443	0.981952	-1.01838	0.918957	0.986265	-1.01393	0.502468	0.911658	-1.0969	0.433333	1.11477	1.11477	0.00633591	0.616921	-1.62095	0.313598	0.867939	-1.15215	0.24348	0.847176	-1.18039	2.49398	0.729455	0.259988	1
cg01065100	MUM1;MUM1	0.106321	0.0476067	0.258746	-3.8648	0.014608	0.166215	-6.0163	0.378225	0.583041	-1.71515	0.638722	0.754138	-1.32602	0.0130733	0.159294	-6.27768	0.390521	0.591533	-1.69052	0.126768	0.373216	-2.67941	0.328731	0.54797	-1.82492	0.274266	0.507201	-1.9716	2.49397	14.0652	5.01305	1
cg20712178	CBX5;CBX5;CBX5	0.106322	0.395095	0.867702	-1.15247	0.103727	0.748349	-1.33628	0.545923	1.1047	1.1047	0.276633	0.831634	-1.20245	0.563808	1.09974	1.09974	0.83624	0.966839	-1.0343	0.0449289	1.45495	1.45495	0.0185681	0.6281	-1.5921	0.766991	1.0496	1.0496	2.49396	1.04851	0.373707	1
cg14780990	FAM174B	0.106323	0.229976	0.493168	-2.02771	0.00681252	0.139791	-7.15353	0.0243189	0.221676	-4.5111	0.295986	0.544318	-1.83716	0.287311	0.537896	-1.85909	0.0999598	0.363591	-2.75034	0.4049	0.619831	-1.61334	0.103072	0.367564	-2.72062	0.427701	0.634773	-1.57537	2.49395	12.4426	4.43476	1
cg03993926	KBTBD3;KBTBD3;AASDHPPT;KBTBD3;KBTBD3;AASDHPPT	0.106327	0.228427	0.763414	-1.30991	0.00680491	0.472927	-2.11449	0.898604	1.0276	1.0276	0.758617	0.936296	-1.06804	0.524877	0.871445	-1.14752	0.930542	1.01879	1.01879	0.0167359	0.535984	-1.86573	0.845572	0.959212	-1.04252	0.913721	1.02341	1.02341	2.4939	1.80131	0.642031	1
cg01567754	TECPR2	0.106329	0.211269	0.645307	-1.54965	0.00578478	0.30044	-3.32845	0.416118	0.758494	-1.3184	0.857931	1.06141	1.06141	0.900644	0.95931	-1.04242	0.33974	1.38715	1.38715	0.274634	1.45942	1.45942	0.242005	1.50272	1.50272	0.877837	0.950128	-1.05249	2.49388	4.36903	1.55724	1
cg01175876	TACC3	0.106329	0.23156	0.659776	-1.51567	0.0666884	0.50591	-1.97664	0.533573	1.2324	1.2324	0.102422	0.553052	-1.80815	0.108145	0.559393	-1.78765	0.0272343	0.420608	-2.37751	0.0323345	0.435821	-2.29452	0.617866	1.18138	1.18138	0.389645	0.746651	-1.33931	2.49388	4.33809	1.54622	1
cg15229275	HIF3A	0.10633	0.0745511	0.474876	-2.10581	0.167279	1.73647	1.73647	0.622014	1.20476	1.20476	0.130428	0.542095	-1.84469	0.172554	0.580298	-1.72325	0.198191	0.600622	-1.66494	0.0225862	0.359285	-2.7833	0.180347	0.586668	-1.70454	0.649901	1.18685	1.18685	2.49387	5.55038	1.97832	1
cg23083672	EGFL6;EGFL6	0.106331	0.418627	0.629017	-1.58978	0.619511	0.75519	-1.32417	0.176073	2.24094	2.24094	0.89388	1.07774	1.07774	0.157487	0.428311	-2.33475	0.933889	0.954527	-1.04764	0.477459	1.49955	1.49955	0.00520368	7.91236	7.91236	0.620193	1.32343	1.32343	2.49386	12.4281	4.42977	1
cg25319276	HMGB1	0.106333	0.360056	0.839353	-1.19139	0.0589917	0.672439	-1.48712	0.95623	0.989837	-1.01027	0.258805	0.803109	-1.24516	0.22037	0.786783	-1.271	0.75413	1.06022	1.06022	0.00368404	0.481643	-2.07623	0.763907	0.945482	-1.05766	0.318004	0.825234	-1.21178	2.49384	1.36801	0.487604	1
cg16496687	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	0.106334	0.204027	1.2197	1.2197	0.183242	1.2327	1.2327	0.866002	1.02534	1.02534	0.509735	1.10415	1.10415	0.137546	0.789038	-1.26737	0.0479195	0.715303	-1.39801	0.0260593	0.676204	-1.47884	0.722603	1.05423	1.05423	0.667344	1.06616	1.06616	2.49383	0.866966	0.309017	1
cg00057434	ARMC4	0.106337	0.612521	1.09403	1.09403	0.0924737	1.38513	1.38513	0.0268936	1.58596	1.58596	0.711593	1.06752	1.06752	0.266384	1.226	1.226	0.0385442	1.52455	1.52455	0.286563	0.823067	-1.21497	0.158072	0.766795	-1.30413	0.606182	1.09582	1.09582	2.49381	1.22275	0.435834	1
cg22396979	GML	0.106337	0.0748792	0.37062	-2.69818	0.693817	0.820399	-1.21892	0.0415094	0.30848	-3.2417	0.0658	0.355977	-2.80917	0.0164657	0.230771	-4.3333	0.0475104	0.321698	-3.1085	0.147521	0.459536	-2.17611	0.157011	0.468943	-2.13245	0.354602	0.620963	-1.6104	2.4938	9.88719	3.52419	1
cg22162799	ATP2C1;ATP2C1;ATP2C1;ASTE1	0.106339	0.363334	1.1792	1.1792	0.0896368	1.3912	1.3912	0.432971	0.868326	-1.15164	0.0195784	1.64497	1.64497	0.69104	1.07303	1.07303	0.5869	1.10164	1.10164	0.0287197	1.57654	1.57654	0.175822	1.28914	1.28914	0.0538365	1.47148	1.47148	2.49378	1.22962	0.438288	1
cg20621715	LINGO3	0.106339	0.550243	1.19482	1.19482	0.0252506	2.18911	2.18911	0.160899	1.55427	1.55427	0.880892	1.04514	1.04514	0.124316	0.612593	-1.63241	0.0323326	2.09172	2.09172	0.721018	0.899791	-1.11137	0.366493	0.760938	-1.31417	0.37278	1.30924	1.30924	2.49378	3.42498	1.22081	1
cg04154027	CMYA5	0.10634	0.0284162	59.148	59.148	0.28572	5.74808	5.74808	0.895303	0.812471	-1.23081	0.215796	7.80541	7.80541	0.03025	55.6133	55.6133	0.918867	0.851539	-1.17434	0.112727	15.2299	15.2299	0.448096	3.38538	3.38538	0.0183817	91.1377	91.1377	2.49377	98.2646	35.0257	1
cg06432479	TAL1	0.106341	0.893375	0.976393	-1.02418	0.459709	0.874501	-1.14351	0.138555	1.32852	1.32852	0.576208	1.10583	1.10583	0.93355	0.985254	-1.01497	0.925496	0.983475	-1.0168	0.0771589	1.41918	1.41918	0.0140063	1.7169	1.7169	0.0290456	1.58149	1.58149	2.49376	1.25345	0.446787	1
cg20237888	SHANK2	0.106341	0.118745	0.329687	-3.03318	0.0119155	7.81745	7.81745	0.619951	1.3876	1.3876	0.186406	2.50388	2.50388	0.817507	1.16353	1.16353	0.173141	2.5852	2.5852	0.241807	0.448085	-2.23172	0.333063	1.92372	1.92372	0.260571	2.15738	2.15738	2.49376	16.9577	6.04448	1
cg21250978	PRKAR2B	0.106341	0.137582	1.55804	1.55804	0.12841	0.633991	-1.57731	0.0863218	1.69122	1.69122	0.059826	1.80197	1.80197	0.16876	0.665895	-1.50174	0.943989	0.980704	-1.01968	0.412215	0.792556	-1.26174	0.600837	1.15765	1.15765	0.095622	1.66133	1.66133	2.49376	3.03705	1.08254	1
cg15529703	LOC285696	0.106342	0.196565	1.32961	1.32961	0.325806	0.809224	-1.23575	0.28938	0.794971	-1.25791	0.266006	1.27357	1.27357	0.101808	1.45308	1.45308	0.607443	1.11418	1.11418	0.00682376	2.07759	2.07759	0.952747	0.987712	-1.01244	0.758487	1.06646	1.06646	2.49375	1.7193	0.61284	1
cg27142125	EXPH5;EXPH5;EXPH5	0.106344	0.328704	0.659843	-1.51551	0.303154	0.644123	-1.5525	0.0371024	0.368543	-2.71339	0.439567	0.722452	-1.38417	0.00447014	0.209378	-4.77604	0.138351	0.517884	-1.93094	0.41633	0.709923	-1.4086	0.80072	1.10994	1.10994	0.331109	0.661292	-1.51219	2.49373	6.71745	2.39443	1
cg25660890	NPW	0.106345	0.0420915	1.86369	1.86369	0.535988	0.846539	-1.18128	0.258985	0.731207	-1.3676	0.31578	1.31748	1.31748	0.234858	1.39235	1.39235	0.972348	1.00926	1.00926	0.731629	1.09583	1.09583	0.598264	0.868193	-1.15182	0.0160425	0.456817	-2.18906	2.49372	2.79086	0.994806	1
cg21836209	ID2B;PTPRG	0.106346	0.715745	1.14375	1.14375	0.00617716	0.269397	-3.712	0.101698	0.517885	-1.93093	0.448322	0.752933	-1.32814	0.806006	1.09457	1.09457	0.318493	0.68479	-1.4603	0.254045	1.54869	1.54869	0.191388	0.601707	-1.66194	0.278764	0.661279	-1.51222	2.49371	5.32671	1.89871	1
cg20885179	VILL	0.106347	0.0609443	0.201448	-4.96405	0.836193	1.17007	1.17007	0.86775	0.881241	-1.13476	0.101504	3.89655	3.89655	0.0186599	0.114988	-8.69658	0.110689	3.73779	3.73779	0.612849	0.679036	-1.47268	0.889328	0.899766	-1.1114	0.73777	0.774992	-1.29034	2.4937	22.7277	8.10136	1
cg20133923	MRPS26	0.106349	0.156472	0.818131	-1.2223	0.0232433	1.43223	1.43223	0.146658	1.22913	1.22913	0.67961	0.946488	-1.05654	0.268115	0.858338	-1.16504	0.568913	1.07923	1.07923	0.183557	0.829567	-1.20545	0.173668	0.82556	-1.2113	0.338754	1.13949	1.13949	2.49368	0.692627	0.246892	1
cg16205214	METTL2B	0.106349	0.563104	0.905308	-1.1046	0.741482	0.945224	-1.05795	0.00782571	0.559426	-1.78755	0.450326	1.13984	1.13984	0.979007	1.00449	1.00449	0.376153	0.856802	-1.16713	0.263702	1.21928	1.21928	0.202357	1.25739	1.25739	0.156635	1.2941	1.2941	2.49368	1.1436	0.407644	1
cg07835236	MIR941-1;DNAJC5	0.106349	0.334388	1.56733	1.56733	0.00684171	4.86011	4.86011	0.0699353	2.49594	2.49594	0.198375	1.84696	1.84696	0.700464	1.19062	1.19062	0.157008	1.98014	1.98014	0.832933	1.10004	1.10004	0.0307803	3.14247	3.14247	0.320905	1.58868	1.58868	2.49368	8.04621	2.86813	1
cg04627891	UBE3C	0.106351	0.778522	1.07095	1.07095	0.715384	0.914822	-1.09311	0.748587	0.924805	-1.08131	0.748895	1.0812	1.0812	0.141052	1.46938	1.46938	0.00497621	0.405019	-2.46902	0.777518	1.07129	1.07129	0.937604	1.01921	1.01921	0.120451	0.664008	-1.50601	2.49365	2.33403	0.83199	1
cg10386016	RELN;RELN	0.106352	0.938605	0.989578	-1.01053	0.616631	1.07106	1.07106	0.95443	1.0078	1.0078	0.697795	0.948316	-1.0545	0.0739811	0.76275	-1.31105	0.854464	0.975338	-1.02529	0.931515	0.988379	-1.01176	0.0119207	1.53229	1.53229	0.0448684	1.36767	1.36767	2.49365	0.730471	0.260385	1
cg02422694	HOXB4	0.106354	0.967132	0.97929	-1.02115	0.573142	1.3353	1.3353	0.538949	1.37155	1.37155	0.77299	0.863379	-1.15824	0.800273	0.879188	-1.13741	0.357504	0.618404	-1.61707	0.402577	0.647215	-1.54508	0.00284595	8.05396	8.05396	0.608574	1.29997	1.29997	2.49363	10.1878	3.63158	1
cg15302296	TNFRSF10C	0.106354	0.574848	1.26786	1.26786	0.31624	1.54328	1.54328	0.130065	1.98332	1.98332	0.769242	1.1311	1.1311	0.162556	1.86701	1.86701	0.322107	1.5347	1.5347	0.0233162	3.11162	3.11162	0.00936557	3.97436	3.97436	0.0598583	2.43309	2.43309	2.49363	6.92587	2.46883	1
cg15665385	MMADHC	0.106355	0.289826	0.870031	-1.14938	0.0896294	0.788882	-1.26762	0.0917448	0.790349	-1.26526	0.99636	1.00058	1.00058	0.762968	0.962395	-1.03907	0.746002	0.959649	-1.04205	0.00553782	0.630064	-1.58714	0.314913	1.14076	1.14076	0.461263	0.909325	-1.09972	2.49362	0.634247	0.226087	1
cg08998967	SLC25A13;SLC25A13;SLC25A13	0.106358	0.338463	0.876625	-1.14074	0.606599	1.07178	1.07178	0.00996738	1.54386	1.54386	0.310098	0.869215	-1.15046	0.102114	1.26968	1.26968	0.810657	0.968478	-1.03255	0.48501	0.909654	-1.09932	0.188029	1.20462	1.20462	0.190221	1.20338	1.20338	2.49358	0.70333	0.250716	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00846995	HOXB9	0.106359	0.379194	0.782398	-1.27812	0.0253182	2.06112	2.06112	0.825485	0.941701	-1.06191	0.214642	0.70094	-1.42666	0.951893	1.01655	1.01655	0.189607	0.685274	-1.45927	0.0873934	0.598512	-1.67081	0.203046	1.44123	1.44123	0.179115	1.47432	1.47432	2.49358	2.92195	1.04159	1
cg19202601	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.106359	0.0303136	0.248725	-4.0205	0.0555706	0.305597	-3.27229	0.414463	0.633912	-1.5775	0.161538	0.441786	-2.26354	0.00893009	0.16241	-6.15727	0.171467	0.451324	-2.2157	0.490023	0.681708	-1.4669	0.725995	0.825087	-1.21199	0.120275	0.398164	-2.51153	2.49357	11.7925	4.20369	1
cg07975778	NID2	0.106364	0.47744	0.850409	-1.1759	0.389475	0.820507	-1.21876	0.0516344	0.60841	-1.64363	0.955162	0.987466	-1.01269	0.582697	1.13256	1.13256	0.0390823	0.585253	-1.70866	0.0257272	1.81162	1.81162	0.850859	1.04313	1.04313	0.544294	0.871388	-1.14759	2.49352	1.98734	0.708446	1
cg07991167	CLEC18C	0.106368	0.125823	0.689021	-1.45134	0.398122	0.823209	-1.21476	0.0190699	0.528315	-1.89281	0.491304	1.17022	1.17022	0.837562	1.04724	1.04724	0.127015	0.689956	-1.44937	0.0605468	1.6094	1.6094	0.703099	1.08993	1.08993	0.438528	0.837207	-1.19445	2.49349	1.99693	0.711875	1
cg01970336	EPS15	0.106368	0.0907422	0.437696	-2.28469	0.646402	0.814806	-1.22729	0.30467	0.624189	-1.60208	0.0175553	0.277669	-3.60141	0.0294733	0.320864	-3.11659	0.223552	0.567237	-1.76293	0.179676	0.531609	-1.88108	0.830586	1.09965	1.09965	0.034222	0.334394	-2.99048	2.49348	7.76313	2.76744	1
cg13270350	HDAC4	0.106368	0.100076	1.70416	1.70416	0.174167	1.5337	1.5337	0.0563357	0.527655	-1.89518	0.197832	1.49583	1.49583	0.605923	0.857305	-1.16645	0.236755	0.692991	-1.44302	0.724018	0.90043	-1.11058	0.248643	0.699936	-1.4287	0.067361	0.545297	-1.83386	2.49348	3.45643	1.23217	1
cg24160243	RPS6KA2	0.106369	0.050513	0.641644	-1.5585	0.964906	1.0088	1.0088	0.0185852	0.566563	-1.76503	0.153496	1.35563	1.35563	0.169348	0.747153	-1.33841	0.618855	0.904976	-1.105	0.605177	1.10941	1.10941	0.340038	0.822204	-1.21624	0.101722	0.699992	-1.42859	2.49347	1.56533	0.558019	1
cg10057264	EPGN;EPGN	0.10637	0.0617328	0.353707	-2.8272	0.0834166	0.388084	-2.57676	0.0757266	0.376661	-2.65491	0.0709182	0.369122	-2.70913	0.0205224	0.251931	-3.96934	0.272204	0.568634	-1.7586	0.0832605	0.387859	-2.57825	0.111339	0.424578	-2.35528	0.0574836	0.346046	-2.88979	2.49346	9.63455	3.4346	1
cg26303281	S100A5	0.106371	0.133183	0.491982	-2.0326	0.288262	0.617105	-1.62047	0.159861	0.518111	-1.93009	0.0444028	0.363893	-2.74806	0.0170861	0.280018	-3.5712	0.164664	0.52252	-1.9138	0.0217322	0.299319	-3.34092	0.232968	0.578335	-1.7291	0.0958873	0.448994	-2.2272	2.49346	7.57082	2.69891	1
cg10837265	DHDDS;DHDDS;DHDDS;DHDDS	0.106371	0.295918	1.23923	1.23923	0.165185	1.3404	1.3404	0.495763	1.14668	1.14668	0.330085	1.22005	1.22005	0.42751	0.851872	-1.17389	0.663433	1.09052	1.09052	0.00806933	0.510947	-1.95715	0.785749	1.0554	1.0554	0.188356	1.31763	1.31763	2.49346	1.54659	0.551341	1
cg14536764	PRKCE	0.106374	0.334765	1.1511	1.1511	0.307503	1.16117	1.16117	0.242093	0.840978	-1.18909	0.875889	0.978133	-1.02236	0.18029	0.81769	-1.22296	0.128222	1.26189	1.26189	0.0298672	1.43549	1.43549	0.848875	1.02735	1.02735	0.0676843	0.748608	-1.33581	2.49343	0.790216	0.281707	1
cg05346832	CDKN2D;CDKN2D	0.106374	0.827014	1.03079	1.03079	0.856499	0.975234	-1.02539	0.10976	0.785422	-1.2732	0.0188604	1.48301	1.48301	0.466725	0.902482	-1.10806	0.180695	0.821261	-1.21764	0.266632	0.85185	-1.17392	0.0810123	1.30738	1.30738	0.739593	1.0473	1.0473	2.49342	0.757948	0.270204	1
cg24701178	STK24	0.106375	0.0839786	0.292281	-3.42137	0.558529	1.46315	1.46315	0.131669	2.84866	2.84866	0.589394	1.4198	1.4198	0.00862693	0.115974	-8.62264	0.816675	0.86124	-1.16112	0.435012	0.599072	-1.66925	0.805539	0.853276	-1.17195	0.252679	0.463665	-2.15673	2.49342	16.3418	5.82577	1
cg19698668	ZNF783	0.106376	0.558466	0.872061	-1.14671	0.149749	0.699578	-1.42943	0.387998	1.22715	1.22715	0.180882	0.71988	-1.38912	0.954423	1.01331	1.01331	0.414681	0.824566	-1.21276	0.0036077	0.401907	-2.48813	0.761939	0.932123	-1.07282	0.730057	1.08343	1.08343	2.49341	2.11361	0.753492	1
cg20934265	MTHFD1	0.106378	0.0489841	0.334748	-2.98732	0.0715272	0.375398	-2.66384	0.240362	0.549647	-1.81935	0.418117	0.668424	-1.49606	0.0409992	0.317214	-3.15244	0.130635	0.451691	-2.2139	0.0125913	0.220786	-4.52927	0.89536	1.06616	1.06616	0.245897	0.553855	-1.80553	2.49338	9.36047	3.337	1
cg16737749	MAPK10	0.10638	0.248919	0.419631	-2.38305	0.310744	0.469671	-2.12915	0.0887217	0.258476	-3.86883	0.369155	0.514483	-1.9437	0.0215474	0.136838	-7.30791	0.53184	0.633618	-1.57824	0.0102895	0.0973016	-10.2773	0.774584	1.22986	1.22986	0.106896	0.281308	-3.55483	2.49336	20.5027	7.30925	1
cg26052367	TMEM87A;GANC;TMEM87A	0.10638	0.0298453	0.710802	-1.40686	0.234938	1.18088	1.18088	0.264305	1.16811	1.16811	0.944488	1.00934	1.00934	0.832205	1.02874	1.02874	0.0131726	1.50754	1.50754	0.547565	0.921937	-1.08467	0.963926	1.00606	1.00606	0.894775	0.982482	-1.01783	2.49336	0.704334	0.251096	1
cg08385995	RAB11FIP3	0.106381	0.22502	1.61323	1.61323	0.970151	0.986056	-1.01414	0.173025	1.72314	1.72314	0.00660822	0.26626	-3.75573	0.799098	0.908725	-1.10044	0.384332	0.715519	-1.39759	0.222016	1.61877	1.61877	0.620117	1.20626	1.20626	0.79788	0.908184	-1.1011	2.49335	5.5616	1.98274	1
cg11969813	P4HB	0.106386	0.0759826	0.100201	-9.97992	0.152316	0.167575	-5.96747	0.420213	0.383114	-2.61019	0.214536	0.218208	-4.58279	0.0714011	0.0957715	-10.4415	0.0813862	0.105343	-9.49282	0.0153664	0.0312511	-31.9989	0.0347928	0.0569024	-17.5739	0.0900802	0.113449	-8.81453	2.4933	53.5969	19.1079	1
cg00106744	ATP5J;ATP5J;ATP5J;ATP5J;ATP5J;GABPA	0.106387	0.65813	0.936188	-1.06816	0.065591	1.35794	1.35794	0.221169	1.20976	1.20976	0.79156	1.04	1.04	0.941258	0.989147	-1.01097	0.127203	0.783304	-1.27664	0.149828	0.795634	-1.25686	0.0252727	1.48271	1.48271	0.261881	1.18914	1.18914	2.49329	0.865754	0.308651	1
cg15416179	MAP2K3	0.106387	0.0653321	0.13408	-7.45823	0.172663	4.09421	4.09421	0.728602	1.40258	1.40258	0.22041	0.286127	-3.49495	0.303409	0.355122	-2.81594	0.924374	1.0966	1.0966	0.0260158	0.0768511	-13.0122	0.225701	0.29064	-3.44069	0.044694	0.106629	-9.37831	2.49329	37.2482	13.2795	1
cg09496634	JPH3	0.106388	0.955742	1.0314	1.0314	0.52668	1.42952	1.42952	0.340854	1.72767	1.72767	0.287243	0.540348	-1.85066	0.0285592	0.237121	-4.21725	0.268823	0.526478	-1.89941	0.123975	0.395341	-2.52946	0.1455	2.38851	2.38851	0.0535149	0.294769	-3.39249	2.49328	12.2537	4.36862	1
cg00489539	IKZF1	0.106389	0.992639	0.997073	-1.00294	0.688131	0.879686	-1.13677	0.0131806	0.37669	-2.6547	0.646014	0.863357	-1.15827	0.223283	0.66596	-1.50159	0.40509	1.31079	1.31079	0.0321955	2.2189	2.2189	0.83082	0.934286	-1.07034	0.466825	1.26521	1.26521	2.49327	3.98552	1.4209	1
cg16392310	EVI5L;EVI5L	0.106389	0.453174	0.877076	-1.14015	0.687609	0.932972	-1.07184	0.00434117	0.519852	-1.92362	0.221872	1.24654	1.24654	0.876644	1.02702	1.02702	0.282078	1.2115	1.2115	0.370115	1.17114	1.17114	0.937226	1.01361	1.01361	0.771769	0.951306	-1.05119	2.49327	1.1633	0.414736	1
cg10089657	C7orf50;MIR339;C7orf50;C7orf50	0.10639	0.220188	0.665096	-1.50354	0.160218	1.60748	1.60748	0.0282343	2.26963	2.26963	0.842942	0.93917	-1.06477	0.0352125	0.460229	-2.17283	0.387021	1.32382	1.32382	0.589391	0.841654	-1.18814	0.370797	1.33743	1.33743	0.533613	0.819172	-1.22075	2.49326	3.95231	1.40906	1
cg27429045	SCN3B;SCN3B	0.10639	0.209552	2.86866	2.86866	0.615316	1.4974	1.4974	0.348533	0.463455	-2.1577	0.664854	1.41528	1.41528	0.711969	1.34381	1.34381	0.00374218	0.0441902	-22.6295	0.336833	0.454267	-2.20135	0.965701	1.03486	1.03486	0.837898	0.849394	-1.17731	2.49326	25.073	8.93894	1
cg00014900	DPH2;DPH2	0.106391	0.0371569	0.349235	-2.8634	0.711996	0.851096	-1.17496	0.684601	1.19431	1.19431	0.193997	0.550179	-1.81759	0.00719252	0.22123	-4.52019	0.0954143	0.450887	-2.21785	0.373184	0.672	-1.48809	0.885923	0.939491	-1.06441	0.172358	0.531762	-1.88054	2.49325	7.46541	2.66156	1
cg02851167	TSNARE1	0.106393	0.184224	0.701987	-1.42453	0.822342	1.05812	1.05812	0.500161	1.18759	1.18759	0.397073	1.24339	1.24339	0.0340665	0.537208	-1.86148	0.793118	0.936106	-1.06826	0.0299006	1.8999	1.8999	0.801558	1.06531	1.06531	0.110086	0.645655	-1.54881	2.49323	2.49186	0.888398	1
cg06673536	CEACAM16	0.106394	0.63317	0.830417	-1.20421	0.358407	1.44049	1.44049	0.038887	0.396878	-2.51966	0.79824	0.905746	-1.10406	0.0442734	0.409435	-2.44239	0.731584	0.875402	-1.14233	0.553987	1.26031	1.26031	0.82841	1.08751	1.08751	0.0150298	0.315013	-3.17447	2.49321	5.89778	2.1027	1
cg03747001	MAML3	0.106396	0.436071	1.45017	1.45017	0.320031	1.61712	1.61712	0.371535	1.536	1.536	0.748333	1.1625	1.1625	0.0198455	0.268345	-3.72655	0.723324	0.846816	-1.18089	0.199319	0.530279	-1.8858	0.0306469	3.28013	3.28013	0.718804	1.18428	1.18428	2.4932	8.63997	3.08037	1
cg19212550	DNMBP	0.106405	0.180031	0.704354	-1.41974	0.0563093	0.587425	-1.70235	0.0260821	0.522083	-1.9154	0.263996	0.750807	-1.3319	0.151962	0.685367	-1.45907	0.828488	0.947995	-1.05486	0.0553682	0.585912	-1.70674	0.0164687	0.486079	-2.05728	0.228008	0.732366	-1.36544	2.49311	2.39252	0.853026	1
cg21046160	C22orf15	0.106405	0.0193775	0.381309	-2.62255	0.260544	0.670204	-1.49208	0.299834	0.693229	-1.44253	0.175912	0.61218	-1.63351	0.0506005	0.467833	-2.13752	0.142034	0.58374	-1.71309	0.0688357	0.499375	-2.0025	0.0305045	0.420223	-2.37969	0.0641761	0.491998	-2.03253	2.49311	4.59157	1.63707	1
cg06885641	MIER1;MIER1;MIER1;MIER1;MIER1;WDR78;MIER1;MIER1;MIER1;MIER1;MIER1;MIER1;MIER1;WDR78;MIE	0.106408	0.075638	0.674431	-1.48273	0.465482	0.862479	-1.15945	0.661486	0.915981	-1.09173	0.512367	0.876036	-1.14151	0.941527	0.985495	-1.01472	0.27204	0.796341	-1.25574	0.00311574	0.446947	-2.2374	0.539368	0.883582	-1.13176	0.104434	0.702204	-1.42409	2.49308	1.56646	0.558511	1
cg06200397	MICAL3;MICAL3;MICAL3	0.106413	0.753133	1.16285	1.16285	0.0345956	3.24863	3.24863	0.879962	0.930285	-1.07494	0.0401391	3.10815	3.10815	0.801145	0.886315	-1.12827	0.138673	2.14307	2.14307	0.0486797	2.93508	2.93508	0.797059	1.13114	1.13114	0.0285505	3.44016	3.44016	2.49302	9.02869	3.21919	1
cg14719352	FGF21;FUT1	0.106414	0.0940345	0.360454	-2.77428	0.327801	0.571306	-1.75037	0.0469401	0.283522	-3.52706	0.414274	0.629686	-1.58809	0.0689254	0.323637	-3.08988	0.395803	0.61757	-1.61925	0.0427024	0.274438	-3.64381	0.00982606	0.163852	-6.10307	0.410312	0.6271	-1.59464	2.49301	12.1281	4.32431	1
cg14794936	LDB3;LDB3;LDB3	0.106415	0.0738912	0.101319	-9.86985	0.2204	0.227468	-4.39622	0.744433	1.45635	1.45635	0.236108	0.240071	-4.16544	0.0450198	0.071108	-14.0631	0.31933	0.306437	-3.26331	0.00732653	0.0188126	-53.1559	0.173373	0.189215	-5.285	0.196302	0.20799	-4.80793	2.493	52.1505	18.5945	1
cg19354792	CSRP2BP;CSRP2BP	0.106417	0.18626	0.755637	-1.32339	0.0840817	0.682367	-1.46549	0.0597762	0.653942	-1.52919	0.161668	0.741685	-1.34828	0.424987	1.17693	1.17693	0.0610974	1.52504	1.52504	0.231251	1.28543	1.28543	0.742568	0.936219	-1.06813	0.432914	0.852124	-1.17354	2.49298	1.57866	0.562882	1
cg21332334	FEZF1;FEZF1	0.106417	0.434412	0.89028	-1.12324	0.96977	0.994493	-1.00554	0.0594078	1.36353	1.36353	0.192244	0.817811	-1.22278	0.924918	1.01383	1.01383	0.886523	0.979408	-1.02102	0.518252	0.908975	-1.10014	0.0193674	1.50989	1.50989	0.0625313	1.35722	1.35722	2.49298	0.83835	0.298919	1
cg15727545	CHD5	0.106421	0.280327	0.676306	-1.47862	0.0267082	2.4968	2.4968	0.665745	1.16355	1.16355	0.434956	1.31999	1.31999	0.653182	1.17074	1.17074	0.330718	1.41876	1.41876	0.0263364	0.399288	-2.50446	0.759629	1.11288	1.11288	0.149026	1.71483	1.71483	2.49294	4.79568	1.70996	1
cg11684889	CCDC41;CCDC41;LOC144486;CCDC41;CCDC41	0.106422	0.00835676	0.289099	-3.45903	0.263155	1.51516	1.51516	0.355154	1.40229	1.40229	0.312857	1.44975	1.44975	0.667447	1.16547	1.16547	0.32626	0.697344	-1.43401	0.4452	1.31818	1.31818	0.727181	0.883346	-1.13206	0.159019	0.583766	-1.71302	2.64726	5.14132	1.51054	1
cg27183726	CHST8;CHST8	0.106422	0.388997	0.653527	-1.53016	0.170356	2.02093	2.02093	0.33924	1.60739	1.60739	0.106586	2.3373	2.3373	0.894545	0.938097	-1.06599	0.190642	1.94981	1.94981	0.931488	0.959415	-1.0423	0.0048909	6.03201	6.03201	0.877873	1.07691	1.07691	2.49293	9.16628	3.26837	1
cg12138780	PTPRN2;PTPRN2;PTPRN2	0.106422	0.107034	0.713528	-1.40149	0.549058	1.12335	1.12335	0.190258	0.766343	-1.3049	0.105951	0.712647	-1.40322	0.0303377	0.613601	-1.62972	0.23525	0.787683	-1.26955	0.109784	1.39717	1.39717	0.792469	0.95067	-1.05189	0.0990611	0.706862	-1.4147	2.49293	1.45319	0.518157	1
cg03815657	ARSG	0.106427	0.0227618	0.36944	-2.7068	0.390386	0.725049	-1.37922	0.0205803	0.360969	-2.77032	0.242905	0.639916	-1.56271	0.146809	0.566173	-1.76625	0.395156	0.727504	-1.37456	0.0193389	0.355822	-2.8104	0.280178	0.663586	-1.50696	0.137318	0.557317	-1.79431	2.49288	5.26896	1.87875	1
cg10232470	CCDC40;TBC1D16	0.106429	0.43696	0.859397	-1.16361	0.0644718	1.4872	1.4872	0.439941	1.16242	1.16242	0.972277	1.00666	1.00666	0.410415	0.85142	-1.17451	0.21484	0.779191	-1.28338	0.00960742	0.534496	-1.87092	0.443631	1.16095	1.16095	0.971239	0.993134	-1.00691	2.49286	1.44155	0.514019	1
cg02140097	ATP2A2;ATP2A2;ATP2A2;ATP2A2;ATP2A2;ATP2A2	0.106429	0.0327924	1.54162	1.54162	0.747387	0.945528	-1.05761	0.251221	1.23094	1.23094	0.991575	1.00183	1.00183	0.230726	0.804194	-1.24348	0.897874	0.97799	-1.02251	0.117283	1.34296	1.34296	0.0215557	1.61347	1.61347	0.126112	1.33222	1.33222	2.49286	1.18606	0.422917	1
cg09981914	ZDHHC14;ZDHHC14	0.106431	0.90264	0.978779	-1.02168	0.117415	0.742253	-1.34725	0.818945	0.96061	-1.041	0.241569	1.23968	1.23968	0.47371	1.13623	1.13623	0.14825	1.31235	1.31235	0.114553	1.35096	1.35096	0.140821	0.757563	-1.32002	0.0336074	0.647251	-1.545	2.49284	1.21287	0.432481	1
cg23749760	ZNF467	0.106434	0.0581361	0.482692	-2.07171	0.412566	1.32969	1.32969	0.509217	1.25577	1.25577	0.514616	0.7987	-1.25204	0.0317744	0.424816	-2.35396	0.569097	0.822229	-1.21621	0.152557	0.59382	-1.68401	0.128262	0.571646	-1.74933	0.0271954	0.410999	-2.43309	2.49281	4.5676	1.62872	1
cg12610859	TCAP	0.106436	0.0893785	0.341495	-2.9283	0.62346	0.752879	-1.32823	0.304969	0.543699	-1.83925	0.765745	1.18696	1.18696	0.014612	0.178192	-5.61192	0.624948	0.75381	-1.32659	0.119613	0.379567	-2.63458	0.0130335	0.170845	-5.85326	0.595198	0.735204	-1.36017	2.49279	12.9909	4.63236	1
cg10136077	ATXN7;ATXN7	0.106439	0.723159	0.93228	-1.07264	0.136063	0.728571	-1.37255	0.351725	0.827834	-1.20797	0.43953	0.85605	-1.16816	0.467221	0.864291	-1.15702	0.402699	0.844647	-1.18393	0.00679084	1.99684	1.99684	0.215965	0.77358	-1.29269	0.915235	0.979228	-1.02121	2.49276	1.5345	0.547186	1
cg19021188	LYNX1;LYNX1;LYNX1;LYNX1	0.106439	0.314196	1.91079	1.91079	0.00848719	8.08612	8.08612	0.00967484	7.66479	7.66479	0.294949	1.96544	1.96544	0.737735	1.23253	1.23253	0.217803	2.24013	2.24013	0.566392	1.43414	1.43414	0.356597	1.80374	1.80374	0.391041	1.7276	1.7276	2.49276	15.2793	5.44843	1
cg02567082	DGKG;DGKG;DGKG	0.106441	0.566891	0.887215	-1.12712	0.945949	1.01412	1.01412	0.641011	0.907476	-1.10196	0.641687	1.10174	1.10174	0.260528	1.27459	1.27459	0.214217	1.31043	1.31043	0.00488512	0.462432	-2.16248	0.291843	1.25372	1.25372	0.870913	0.966937	-1.03419	2.49274	1.68746	0.601735	1
cg01650677	TMEM60	0.106443	0.806795	1.09128	1.09128	0.138475	0.566308	-1.76582	0.0994419	0.52528	-1.90375	0.0786073	2.00661	2.00661	0.06171	0.472258	-2.11749	0.319829	1.44267	1.44267	0.667113	1.1668	1.1668	0.110424	1.85929	1.85929	0.435335	0.752951	-1.32811	2.49271	5.01794	1.78937	1
cg19957503	ATP11A;ATP11A	0.106447	0.0355671	0.309488	-3.23114	0.463917	0.699532	-1.42953	0.920802	1.04883	1.04883	0.842397	1.10013	1.10013	0.00639952	0.182582	-5.47699	0.551986	0.74943	-1.33435	0.671762	1.22668	1.22668	0.869335	1.08212	1.08212	0.115926	0.440837	-2.26841	2.49267	9.07141	3.23488	1
cg11299207	EHMT2;EHMT2	0.106448	0.675233	1.05791	1.05791	0.517763	1.09155	1.09155	0.0346679	1.38955	1.38955	0.355209	1.13547	1.13547	0.448664	1.10865	1.10865	0.546583	1.08492	1.08492	0.0109202	0.652601	-1.53233	0.37228	1.13017	1.13017	0.55864	1.08222	1.08222	2.49267	0.704521	0.251233	1
cg14123153	NCAPD2;MRPL51	0.106449	0.499817	0.900227	-1.11083	0.0343079	1.46067	1.46067	0.238723	0.827494	-1.20847	0.821269	1.03533	1.03533	0.163463	1.25637	1.25637	0.750183	0.952163	-1.05024	0.111232	0.766257	-1.30504	0.528194	1.10304	1.10304	0.0394507	1.44132	1.44132	2.49265	0.929624	0.331507	1
cg22821931	GRB10;GRB10;GRB10	0.106449	0.48344	0.840641	-1.18957	0.281257	0.761125	-1.31385	0.0627633	0.60029	-1.66586	0.233059	0.737292	-1.35631	0.0745	0.616122	-1.62305	0.804666	1.06226	1.06226	0.0222188	1.9505	1.9505	0.645947	1.11935	1.11935	0.709029	1.09567	1.09567	2.49265	2.34533	0.836354	1
cg21026426	NOM1	0.106451	0.102278	0.729909	-1.37003	0.67552	0.928559	-1.07694	0.342299	1.188	1.188	0.430301	0.867845	-1.15228	0.568155	0.903414	-1.10691	0.105205	1.36574	1.36574	0.0112014	1.74999	1.74999	0.520539	0.891658	-1.12151	0.753806	0.946111	-1.05696	2.49263	1.22385	0.436432	1
cg02519806	SYNPO2;SYNPO2;SYNPO2;SYNPO2;SYNPO2;SYNPO2	0.106454	0.316843	0.877706	-1.13933	0.0103818	1.50213	1.50213	0.154278	1.21196	1.21196	0.78614	1.03488	1.03488	0.518087	1.0861	1.0861	0.67587	0.948374	-1.05444	0.115102	0.805759	-1.24107	0.237174	0.855462	-1.16896	0.804099	0.969156	-1.03183	2.4926	0.627327	0.223711	1
cg23077166	WISP3;WISP3	0.106455	0.199693	0.602341	-1.66019	0.0757046	2.0953	2.0953	0.974245	0.987994	-1.01215	0.733702	1.13629	1.13629	0.0134426	0.318192	-3.14275	0.546997	1.25613	1.25613	0.182251	1.69839	1.69839	0.354651	0.700276	-1.42801	0.430156	0.739855	-1.35162	2.49259	5.52642	1.97079	1
cg06329225	TMEM151B	0.106459	0.460963	1.21489	1.21489	0.594175	0.869825	-1.14966	0.284724	1.334	1.334	0.00883669	0.421295	-2.37364	0.389391	0.795528	-1.25703	0.364269	0.785228	-1.27351	0.181081	1.44519	1.44519	0.135348	0.658734	-1.51806	0.362749	0.784593	-1.27455	2.49255	2.655	0.946819	1
cg17472072	CLASP2	0.10646	0.134727	0.669533	-1.49358	0.743872	0.921675	-1.08498	0.885075	0.96466	-1.03663	0.015546	0.477969	-2.09219	0.0847717	0.622368	-1.60677	0.394006	0.804767	-1.2426	0.00962037	0.442482	-2.25998	0.526743	0.852521	-1.17299	0.45171	0.826341	-1.21015	2.49254	2.44317	0.871283	1
cg24453767	C19orf53;MRI1;MRI1	0.106462	0.924517	0.990612	-1.00948	0.085833	0.827819	-1.20799	0.0579471	0.807874	-1.23782	0.822648	0.977903	-1.0226	0.0160308	0.745718	-1.34099	0.549373	0.941485	-1.06215	0.0904867	1.20402	1.20402	0.995975	1.0005	1.0005	0.360809	0.910732	-1.09802	2.49252	0.391101	0.139476	1
cg20663980	CDX4	0.106462	0.750351	1.1913	1.1913	0.417155	0.634647	-1.57568	0.58701	0.74027	-1.35086	0.210468	0.485003	-2.06184	0.462929	0.663839	-1.50639	0.0643047	3.12635	3.12635	0.0145811	5.20504	5.20504	0.111285	2.58884	2.58884	0.830793	1.1245	1.1245	2.49252	11.87	4.23311	1
cg24822446	ZFAND3	0.106463	0.0413676	0.546343	-1.83035	0.070968	1.6792	1.6792	0.0285065	1.94274	1.94274	0.965827	1.01107	1.01107	0.264495	0.741693	-1.34827	0.726018	1.09461	1.09461	0.489914	1.19746	1.19746	0.318493	1.30331	1.30331	0.485621	1.19967	1.19967	2.49251	2.60605	0.929378	1
cg23146180	VSIG2	0.106466	0.359925	1.23754	1.23754	0.054664	1.63809	1.63809	0.100041	1.50386	1.50386	0.0974194	1.50957	1.50957	0.130826	1.44687	1.44687	0.109079	1.48534	1.48534	0.538288	0.868416	-1.15152	0.121145	0.683494	-1.46307	0.118523	1.4677	1.4677	2.49248	2.02379	0.72174	1
cg12373566	IKBKAP;C9orf6	0.106467	0.286631	0.830452	-1.20416	0.67551	1.07324	1.07324	0.658942	0.928133	-1.07743	0.21271	1.24653	1.24653	0.00745369	0.560709	-1.78346	0.204837	0.798815	-1.25185	0.876286	0.974181	-1.0265	0.871706	0.973229	-1.02751	0.13841	1.30714	1.30714	2.49247	1.11287	0.396882	1
cg17155907	TCHP;TCHP	0.106467	?	?	?	0.775079	1.21938	1.21938	0.0859383	0.22962	-4.35502	0.055011	5.70443	5.70443	0.247354	2.40629	2.40629	?	?	?	?	?	?	0.9205	0.933388	-1.07137	0.0897207	0.235486	-4.24653	3.84878	16.8601	2.92042	1
cg16447589	IGFBP3;IGFBP3	0.106468	0.754449	0.914547	-1.09344	0.079646	1.73986	1.73986	0.0832454	1.72621	1.72621	?	?	?	0.0979464	0.596402	-1.67672	0.386968	0.776884	-1.28719	0.0685946	0.559704	-1.78666	0.736895	1.10076	1.10076	0.305067	1.35305	1.35305	2.51878	2.87398	1.14102	1
cg09605254	FAM91A1	0.106469	0.375494	0.844988	-1.18345	0.435029	1.15892	1.15892	0.42086	0.858747	-1.16449	0.9078	1.02169	1.02169	0.591264	0.904487	-1.1056	0.536274	1.12297	1.12297	0.00800522	0.53295	-1.87635	0.955036	1.0105	1.0105	0.0541813	1.4988	1.4988	2.49245	1.35371	0.482777	1
cg26638505	SRD5A2	0.106471	0.111628	4.27448	4.27448	0.216002	2.97909	2.97909	0.602138	0.643413	-1.55421	0.298192	2.46965	2.46965	0.131454	0.255331	-3.91648	0.462785	0.534396	-1.87127	0.418655	1.99937	1.99937	0.0361804	7.70842	7.70842	0.0404643	7.27163	7.27163	2.49243	27.7452	9.89493	1
cg25371692	MRPL4;MRPL4;MRPL4;MRPL4;MRPL4	0.106473	0.24126	1.38452	1.38452	0.519554	1.18906	1.18906	0.926125	1.0249	1.0249	0.885629	0.962546	-1.03891	0.741163	1.0919	1.0919	0.00847024	0.410055	-2.4387	0.87664	1.04206	1.04206	0.0666847	1.72519	1.72519	0.223214	1.40417	1.40417	2.49241	2.77687	0.99034	1
cg19702055	RCL1	0.106473	0.130103	0.817803	-1.22279	0.276178	0.869929	-1.14952	0.0599414	1.29835	1.29835	0.259121	0.865171	-1.15584	0.552294	0.928705	-1.07677	0.575267	1.07212	1.07212	0.676211	0.949643	-1.05303	0.227061	0.855552	-1.16884	0.0146319	0.690872	-1.44745	2.49241	0.597362	0.213042	1
cg03327899	EIF2AK3	0.106476	0.0340293	0.735841	-1.35899	0.964016	0.994423	-1.00561	0.704014	0.953782	-1.04846	0.0798604	0.785875	-1.27247	0.563109	1.07517	1.07517	0.0115539	0.676014	-1.47926	0.634637	1.06115	1.06115	0.451756	0.90933	-1.09971	0.484657	1.09203	1.09203	2.49238	0.606707	0.216378	1
cg16668397	JPH3	0.106479	0.492294	0.605503	-1.65152	0.0592465	4.62762	4.62762	0.0648602	4.44393	4.44393	0.61569	1.43921	1.43921	0.0270386	0.152107	-6.57431	0.876201	1.11868	1.11868	0.178108	0.35724	-2.79924	0.906465	1.08824	1.08824	0.503529	0.613631	-1.62964	2.49235	20.4278	7.28552	1
cg20874031	GKN1	0.106484	0.323677	0.610511	-1.63797	0.0460243	0.330578	-3.02501	0.411103	0.665718	-1.50214	0.704657	1.20244	1.20244	0.0571969	0.352898	-2.83368	0.362153	0.635437	-1.57372	0.00938771	0.203029	-4.9254	0.0729432	0.379727	-2.63347	0.7738	0.869789	-1.1497	2.4923	9.25073	3.29931	1
cg22601496	ZDHHC3;ZDHHC3;ZDHHC3	0.106489	0.0431132	1.92352	1.92352	0.499035	1.21277	1.21277	0.69684	0.895784	-1.11634	0.750566	1.09379	1.09379	0.232691	0.703422	-1.42162	0.431521	1.25317	1.25317	0.00836797	2.57816	2.57816	0.559334	1.18053	1.18053	0.141711	1.55917	1.55917	2.49225	3.11905	1.11245	1
cg08955651	TMEM30A;TMEM30A;TMEM30A;TMEM30A	0.10649	0.0282763	0.507054	-1.97218	0.583382	1.15633	1.15633	0.252477	0.730909	-1.36816	0.794424	1.07088	1.07088	0.709379	1.10316	1.10316	0.127066	0.648732	-1.54147	0.0211573	0.483411	-2.06863	0.434963	1.23232	1.23232	0.372854	1.27114	1.27114	2.49223	2.71444	0.968142	1
cg18566555	TRIM2;TRIM2	0.10649	0.472617	0.614488	-1.62737	0.0142696	7.49744	7.49744	0.0648007	3.98472	3.98472	0.933472	0.945867	-1.05723	0.059979	0.243041	-4.11454	0.436612	1.69726	1.69726	0.466326	1.63911	1.63911	0.547366	1.50064	1.50064	0.678623	1.32015	1.32015	2.49223	17.5389	6.2555	1
cg24517136	ITGA3;ITGA3	0.106495	0.390873	1.12612	1.12612	0.571707	1.08027	1.08027	0.0171972	1.48024	1.48024	0.067569	0.758303	-1.31873	0.59368	1.07546	1.07546	0.227337	1.18675	1.18675	0.41573	0.893702	-1.11894	0.839472	1.02778	1.02778	0.0639959	1.32477	1.32477	2.49219	0.720431	0.256956	1
cg14212198	STX16;STX16;STX16;STX16	0.106495	0.194976	0.779708	-1.28253	0.380833	1.17723	1.17723	0.0382726	1.54627	1.54627	0.250498	0.804152	-1.24355	0.404967	1.16727	1.16727	0.782379	0.95098	-1.05155	0.434409	0.865215	-1.15578	0.0197072	0.599725	-1.66743	0.807667	0.956694	-1.04527	2.49218	1.30054	0.463866	1
cg20338075	MAD1L1;MAD1L1;MAD1L1	0.106495	0.299471	1.30052	1.30052	0.520212	0.852758	-1.17266	0.0058114	2.41756	2.41756	0.318502	1.28652	1.28652	0.162736	1.43928	1.43928	0.377105	0.801339	-1.24791	0.175955	1.42136	1.42136	0.855851	0.956537	-1.04544	0.561877	0.86648	-1.15409	2.49218	2.35691	0.840643	1
cg23123694	SLC38A2;SLC38A2	0.106496	0.734891	1.04823	1.04823	0.631034	1.06937	1.06937	0.152881	1.23637	1.23637	0.174216	0.818454	-1.22182	0.397709	0.886904	-1.12752	0.018742	1.48408	1.48408	0.400818	0.887637	-1.12659	0.0715517	1.32166	1.32166	0.161698	1.23013	1.23013	2.49218	0.758221	0.270436	1
cg07333715	ASCL2	0.106499	0.0379056	11.4516	11.4516	0.0633288	8.29096	8.29096	0.441057	2.21614	2.21614	0.141629	4.95694	4.95694	0.498894	2.00437	2.00437	0.288353	0.327434	-3.05405	0.582591	0.569939	-1.75457	0.0515193	9.44105	9.44105	0.0570759	8.85188	8.85188	2.49215	40.4948	14.4435	1
cg05380212	PRMT1;PRMT1;PRMT1	0.106499	0.0719671	0.802489	-1.24612	0.727462	1.03907	1.03907	0.0508716	1.27593	1.27593	0.95095	0.993284	-1.00676	0.179595	1.169	1.169	0.140774	1.18953	1.18953	0.106864	1.2127	1.2127	0.0871606	1.22988	1.22988	0.108777	1.2112	1.2112	2.49214	0.47367	0.168947	1
cg10626063	SPRED3;SPRED3	0.1065	0.558806	1.1764	1.1764	0.162298	1.50676	1.50676	0.247233	0.717164	-1.39438	0.214784	1.43167	1.43167	0.263626	1.37742	1.37742	0.33216	1.31642	1.31642	0.261246	0.724736	-1.37981	0.00712632	2.59882	2.59882	0.632368	1.14161	1.14161	2.49213	2.98028	1.063	1
cg00140235	EEA1	0.1065	0.397751	1.15571	1.15571	0.40132	1.15439	1.15439	0.198618	1.25489	1.25489	0.635542	1.08306	1.08306	0.262665	1.21554	1.21554	0.492442	0.890016	-1.12358	0.0420238	0.675984	-1.47933	0.0228367	1.57652	1.57652	0.129907	1.31446	1.31446	2.49213	1.10251	0.393242	1
cg17952111	LENG8;LENG8	0.106501	0.172505	1.38913	1.38913	0.183256	1.37664	1.37664	0.725637	0.923339	-1.08303	0.541453	1.15019	1.15019	0.898187	1.0294	1.0294	0.0326015	1.76145	1.76145	0.420414	0.829992	-1.20483	0.00817692	2.15142	2.15142	0.521236	1.15856	1.15856	2.49212	2.02261	0.721423	1
cg18715297	PARP9;DTX3L;PARP9;PARP9;PARP9;PARP9;PARP9;DTX3L	0.106503	0.526521	1.14044	1.14044	0.15285	0.730865	-1.36824	0.765907	1.06305	1.06305	0.376899	1.20404	1.20404	0.616532	1.10893	1.10893	0.00622346	0.481752	-2.07575	0.845102	0.960736	-1.04087	0.252718	1.27718	1.27718	0.358225	1.21346	1.21346	2.4921	1.6552	0.590379	1
cg18221304	C6orf27	0.106504	0.00699457	0.355293	-2.81458	0.28617	1.38903	1.38903	0.0872793	0.571153	-1.75085	0.485562	0.810397	-1.23396	0.348381	0.750949	-1.33165	0.61882	0.861742	-1.16044	0.41699	1.27901	1.27901	0.261379	0.706464	-1.4155	0.183375	0.657846	-1.52011	2.49209	3.47383	1.23906	1
cg09882656	DAB2	0.106506	0.658897	0.861084	-1.16133	0.0458144	2.16138	2.16138	0.0408512	2.21383	2.21383	0.117862	1.7713	1.7713	0.469717	0.78066	-1.28097	0.22582	0.651671	-1.53452	0.470889	0.781188	-1.2801	0.365778	1.3673	1.3673	0.0904539	1.87397	1.87397	2.49207	4.47359	1.59567	1
cg02395434	GBE1	0.106506	0.0204218	0.151762	-6.58926	0.236709	0.433197	-2.30842	0.318168	0.49847	-2.00614	0.930482	1.06064	1.06064	0.0114394	0.118192	-8.46084	0.678722	1.32453	1.32453	0.888675	0.909819	-1.09912	0.711545	1.28483	1.28483	0.116945	0.316878	-3.15579	2.49207	17.9711	6.41005	1
cg15761954	NT5M	0.106507	0.286678	0.836692	-1.19518	0.244201	0.821729	-1.21695	0.320729	1.17979	1.17979	0.8085	1.03991	1.03991	0.967536	1.00658	1.00658	0.579885	1.09429	1.09429	0.018036	1.58878	1.58878	0.0295958	0.66182	-1.51098	0.900934	1.02027	1.02027	2.49206	1.02505	0.365622	1
cg00001874	ATOH7;ATOH7	0.106508	0.195348	0.56179	-1.78003	0.311529	1.55397	1.55397	0.863506	1.07513	1.07513	0.464147	1.36847	1.36847	0.389584	0.689898	-1.44949	0.979595	1.01083	1.01083	0.0202664	0.307754	-3.24935	0.0158436	0.288157	-3.47033	0.432424	0.713683	-1.40118	2.49205	6.99638	2.49554	1
cg14544505	TUBB6	0.106508	0.342661	0.659436	-1.51645	0.0141828	0.275606	-3.62837	0.0145566	0.27757	-3.6027	0.396835	0.691072	-1.44703	0.260072	0.606336	-1.64925	0.375496	0.678842	-1.4731	0.833707	0.914353	-1.09367	0.0884485	0.449104	-2.22666	0.0630184	0.410385	-2.43674	2.49205	7.15891	2.55351	1
cg03523533	CBX2	0.10651	0.401666	0.727871	-1.37387	0.117848	0.53343	-1.87466	0.0323844	0.395742	-2.5269	0.115843	0.531278	-1.88225	0.0253367	0.373902	-2.6745	0.0730331	0.477174	-2.09567	0.0247856	0.371999	-2.68818	0.323424	0.685639	-1.45849	0.77828	0.900815	-1.11011	2.49203	5.40452	1.92775	1
cg25049597	CPLX3;CPLX3	0.106512	0.365664	0.686372	-1.45694	0.0177519	0.311211	-3.21325	0.0121927	0.282333	-3.54192	0.433609	0.723592	-1.38199	0.0571602	0.418397	-2.39008	0.78842	1.11506	1.11506	0.207743	0.583999	-1.71233	0.946627	0.973257	-1.02748	0.68721	0.848834	-1.17809	2.49201	6.47057	2.30802	1
cg17592292	DGKQ	0.106514	0.278161	0.844506	-1.18412	0.053232	1.38977	1.38977	0.0789426	1.33959	1.33959	0.0979884	0.761828	-1.31263	0.185717	1.23404	1.23404	0.3077	0.853641	-1.17145	0.345655	0.864541	-1.15668	0.430646	1.12812	1.12812	0.246741	1.19904	1.19904	2.49199	0.886456	0.316198	1
cg21932255	HOXB9	0.106514	0.308097	0.892984	-1.11984	0.0162033	1.37099	1.37099	0.105974	1.20857	1.20857	0.383081	0.908496	-1.10072	0.852811	1.02013	1.02013	0.774563	1.03129	1.03129	0.314573	0.894421	-1.11804	0.314091	1.11817	1.11817	0.0576799	1.25895	1.25895	2.49199	0.454312	0.162053	1
ch.3.2338385R	GSK3B;GSK3B	0.106515	0.133214	0.609152	-1.64163	0.00953129	0.366119	-2.73135	0.0181849	0.415818	-2.4049	0.0886066	0.562801	-1.77683	0.181403	0.647811	-1.54366	0.370715	0.75482	-1.32482	0.580313	0.842903	-1.18638	0.837266	0.939005	-1.06496	0.733694	0.900776	-1.11015	2.49198	3.69578	1.31828	1
cg20151795	ZNF389	0.106515	0.190382	0.853106	-1.17219	0.301642	0.884615	-1.13044	0.796185	0.970782	-1.0301	0.458177	0.917093	-1.0904	0.657533	1.05244	1.05244	0.240264	0.868608	-1.15127	0.0759093	0.797476	-1.25396	0.20839	0.859035	-1.1641	0.0146387	1.41109	1.41109	2.49198	0.518025	0.18478	1
cg09881503	CDC45L	0.106516	0.301782	0.618696	-1.6163	0.0169408	0.270578	-3.69579	0.0669685	0.397882	-2.5133	0.87714	0.932923	-1.0719	0.0589734	0.384007	-2.60412	0.34665	0.6473	-1.54488	0.112716	0.460754	-2.17035	0.0230719	0.295368	-3.38561	0.83614	0.911238	-1.09741	2.49197	7.94973	2.83568	1
cg16021909	TRIM58	0.106518	0.0552379	6.08884	6.08884	0.726661	0.746971	-1.33874	0.794632	0.805059	-1.24214	0.317228	0.423404	-2.36181	0.24004	0.359667	-2.78035	0.554744	0.608573	-1.64319	0.173625	0.300179	-3.33135	0.0151935	11.9268	11.9268	0.728729	0.748704	-1.33564	2.49195	27.2703	9.72744	1
cg17364580	PMS2;PMS2	0.106518	0.560148	0.776374	-1.28804	0.602053	0.797687	-1.25363	0.700176	1.18086	1.18086	0.318708	0.642258	-1.55701	0.00775213	0.230099	-4.34596	0.0918439	0.450503	-2.21974	0.025794	0.320656	-3.1186	0.431042	0.708011	-1.41241	0.151283	0.516505	-1.93609	2.49195	7.28534	2.59872	1
cg14864369	MATN2;MATN2	0.106519	0.0207	0.665098	-1.50354	0.687617	1.06096	1.06096	0.618718	1.07622	1.07622	0.583049	1.08455	1.08455	0.413065	1.13033	1.13033	0.0427124	1.40711	1.40711	0.0548668	1.37544	1.37544	0.357063	1.14875	1.14875	0.914008	0.98431	-1.01594	2.49194	0.84591	0.301741	1
cg27338511	MAPK10;MAPK10;MAPK10	0.10652	0.372452	0.594708	-1.6815	0.633054	0.761101	-1.31389	0.0742049	3.09296	3.09296	0.240716	2.0079	2.0079	0.0864246	0.341296	-2.93001	0.235081	0.493461	-2.0265	0.0366102	0.251979	-3.96858	0.102705	0.363	-2.75482	0.78391	0.855549	-1.16884	2.49193	12.7127	4.5347	1
cg06291698	PHLDB2;PHLDB2;PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.10652	0.872094	0.971985	-1.02882	0.180175	1.28531	1.28531	0.344955	0.842359	-1.18714	0.942935	1.01271	1.01271	0.553431	1.11152	1.11152	0.0394966	0.657048	-1.52196	0.0603804	1.45282	1.45282	0.141097	0.756431	-1.322	0.0957991	0.724243	-1.38075	2.49193	1.22749	0.437854	1
cg01930236	STRADB;TRAK2;TRAK2	0.10652	0.181446	0.732263	-1.36563	0.790964	1.06009	1.06009	0.132575	1.42832	1.42832	0.643029	1.10796	1.10796	0.495306	0.858907	-1.16427	0.575874	1.13219	1.13219	0.00726927	0.467404	-2.13948	0.254181	0.769859	-1.29894	0.534297	1.14827	1.14827	2.49192	1.90433	0.679289	1
cg19912956	RSAD1	0.106521	0.192324	0.355093	-2.81617	0.0134291	0.100586	-9.94179	0.512294	0.607363	-1.64646	0.0500671	0.187062	-5.34583	0.81981	1.18671	1.18671	0.0796308	0.232328	-4.30425	0.0909569	0.247323	-4.04329	0.683431	1.36018	1.36018	0.103354	0.262727	-3.80624	2.49192	22.2169	7.92496	1
cg27250362	CTCF	0.106522	0.0711534	0.811432	-1.23239	0.0596557	1.24649	1.24649	0.0633541	1.24166	1.24166	0.974686	0.996716	-1.00329	0.3552	0.906111	-1.10362	0.257178	1.13042	1.13042	0.165861	0.857969	-1.16554	0.86137	0.982043	-1.01829	0.239555	0.880144	-1.13618	2.49191	0.424119	0.151288	1
cg14675241	C11orf53	0.106526	0.0967334	1.67132	1.67132	0.0372181	0.505973	-1.97639	0.434178	0.798681	-1.25206	0.636387	1.14356	1.14356	0.0303291	2.04867	2.04867	0.204853	1.45768	1.45768	0.2141	1.44553	1.44553	0.736616	1.09976	1.09976	0.57856	1.17125	1.17125	2.49187	3.13172	1.11713	1
cg03701992	C21orf88;C21orf88	0.106527	0.298663	0.804374	-1.2432	0.597514	1.11368	1.11368	0.216736	1.30039	1.30039	0.499249	1.14867	1.14867	0.267874	0.791972	-1.26267	0.314154	0.810297	-1.23412	0.0179964	0.559438	-1.78751	0.131716	1.38931	1.38931	0.177778	1.33563	1.33563	2.49186	1.61164	0.574901	1
cg23652146	NARF;NARF;NARF;NARF	0.106529	0.873317	1.03366	1.03366	0.0223732	0.566779	-1.76435	0.0922016	0.680755	-1.46896	0.828652	0.956026	-1.046	0.055383	0.637279	-1.56917	0.27935	0.791881	-1.26282	0.0132461	0.528905	-1.8907	0.342572	0.816378	-1.22492	0.653868	0.910608	-1.09817	2.49183	1.69882	0.606005	1
cg13492364	FMN2	0.106531	0.214615	0.633561	-1.57838	0.336992	0.707639	-1.41315	0.286185	1.47247	1.47247	0.452631	1.30643	1.30643	0.0781993	0.504805	-1.98096	0.640737	0.848579	-1.17844	0.0135065	0.343654	-2.90991	0.0507518	0.459516	-2.1762	0.664197	0.858478	-1.16485	2.49181	4.81646	1.71815	1
cg19384905	FBXO5;FBXO5	0.106532	0.0883225	0.362029	-2.76221	0.0351346	0.262418	-3.81071	0.0179261	0.206162	-4.85055	0.0358974	0.264414	-3.78195	0.0824308	0.353432	-2.8294	0.764256	0.852059	-1.17363	0.17132	0.457267	-2.1869	0.913279	1.05968	1.05968	0.380174	0.618262	-1.61744	2.64598	11.614	3.41391	1
cg17234415	GPC1	0.106533	0.139434	0.809377	-1.23552	0.0471755	0.739336	-1.35257	0.355969	0.881391	-1.13457	0.0827947	0.774574	-1.29103	0.160034	0.819053	-1.22092	0.620946	1.06853	1.06853	0.0150718	0.672192	-1.48767	0.946512	0.991118	-1.00896	0.402819	1.12058	1.12058	2.4918	0.697801	0.248924	1
cg16729016	RPS6KC1;RPS6KC1	0.106535	0.0623374	0.591984	-1.68923	0.936863	1.01999	1.01999	0.967213	0.989781	-1.01032	0.734315	1.08885	1.08885	0.0210449	0.499829	-2.00068	0.454682	0.826714	-1.20961	0.16772	1.44403	1.44403	0.114532	1.53558	1.53558	0.310184	1.30006	1.30006	2.49177	2.46429	0.879085	1
cg01706698	CETP	0.106538	0.165292	0.54268	-1.84271	0.0368716	0.367424	-2.72165	0.189213	0.563033	-1.77609	0.979469	1.01068	1.01068	0.0832609	0.452968	-2.20766	0.0170559	0.30085	-3.32391	0.0302284	0.349113	-2.8644	0.822531	0.911394	-1.09722	0.545642	0.776787	-1.28735	2.49174	6.73143	2.40133	1
cg03210464	TMEM181	0.106541	0.362599	0.8629	-1.15888	0.191295	1.24362	1.24362	0.0140298	1.61278	1.61278	0.87492	0.975482	-1.02513	0.397749	0.872454	-1.14619	0.675394	1.06862	1.06862	0.0221461	1.54074	1.54074	0.826541	0.966006	-1.03519	0.470816	1.12255	1.12255	2.49172	0.97997	0.349592	1
cg03357180	IGFBP7	0.106541	0.564607	0.572731	-1.74602	0.868471	0.853518	-1.17162	0.741207	1.3728	1.3728	0.849661	0.83414	-1.19884	0.736122	0.723705	-1.38178	0.0763789	0.147277	-6.78994	0.0394638	10.2683	10.2683	0.0333462	11.4234	11.4234	0.0927497	6.01371	6.01371	2.64587	37.455	11.0102	1
cg00221969	NME4	0.106545	0.211711	0.744208	-1.34371	0.0436535	1.68343	1.68343	0.520409	1.15754	1.15754	0.0132933	0.502139	-1.99148	0.435123	0.836261	-1.1958	0.761237	0.933853	-1.07083	0.577348	1.13476	1.13476	0.516983	1.15898	1.15898	0.463955	1.18221	1.18221	2.49167	1.98997	0.70991	1
cg08924969	PC;PC;PC	0.106549	0.0371633	0.530689	-1.88434	0.679279	1.11502	1.11502	0.146451	0.664844	-1.50411	0.177258	0.686917	-1.45578	0.00905598	0.419508	-2.38375	0.458308	0.82056	-1.21868	0.473894	0.826348	-1.21014	0.489535	0.832073	-1.20182	0.0537811	0.563574	-1.77439	2.49163	2.70628	0.965463	1
cg15193473	BIVM;BIVM	0.106549	0.467998	0.813439	-1.22935	0.672427	0.887879	-1.12628	0.00780571	0.384834	-2.59852	0.853635	0.949671	-1.053	0.0485499	0.532547	-1.87777	0.157205	0.655082	-1.52653	0.0434992	0.522486	-1.91393	0.109185	0.613587	-1.62976	0.635098	0.874872	-1.14302	2.49163	3.08547	1.10074	1
cg14834675	BEST3;BEST3	0.10655	0.0733166	0.183082	-5.46204	0.189446	0.306737	-3.26012	0.588451	0.62848	-1.59114	0.0896341	0.203742	-4.90817	0.0282407	0.110532	-9.04716	0.289913	0.393032	-2.54432	0.0132901	0.0736639	-13.5752	0.127042	0.245848	-4.06756	0.0857379	0.198968	-5.02592	2.49162	28.5237	10.1759	1
cg03933810	MED11	0.106555	0.144253	0.822278	-1.21613	0.569283	1.07439	1.07439	0.0363624	1.35461	1.35461	0.165918	1.2024	1.2024	0.142186	1.21755	1.21755	0.867666	0.979411	-1.02102	0.668691	1.05517	1.05517	0.15168	0.825622	-1.21121	0.0577199	1.30696	1.30696	2.49157	0.61412	0.219093	1
cg17683126	UQCRB	0.106557	0.574717	1.14367	1.14367	0.0468034	1.71418	1.71418	0.286364	0.769392	-1.29973	0.554655	1.152	1.152	0.301185	1.28872	1.28872	0.166487	0.705173	-1.41809	0.0175213	0.504302	-1.98294	0.946444	0.984219	-1.01603	0.570105	0.872933	-1.14556	2.49155	2.21238	0.789293	1
cg11973886	CAB39L;SETDB2	0.106558	0.133846	3.44958	3.44958	0.803654	1.20758	1.20758	0.798235	0.823688	-1.21405	0.00559414	0.0562035	-17.7925	0.732374	0.771066	-1.29691	0.178503	2.98067	2.98067	0.738661	0.776014	-1.28864	0.722014	1.31071	1.31071	0.736588	0.774381	-1.29135	2.64568	23.5027	6.90932	1
cg12529671	CHST11	0.106561	0.333955	1.25226	1.25226	0.343628	0.802341	-1.24635	0.29617	0.783078	-1.27701	0.802454	0.944986	-1.05822	0.064445	0.625669	-1.59829	0.510565	0.860146	-1.16259	0.00618336	0.446629	-2.239	0.376084	1.22759	1.22759	0.480008	0.850378	-1.17595	2.49151	2.01074	0.717367	1
cg17038626	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.106561	0.156868	0.64384	-1.55318	0.933394	1.02461	1.02461	0.0119672	2.48876	2.48876	0.181212	0.661811	-1.51101	0.239096	0.698711	-1.43121	0.277181	1.38909	1.38909	0.314474	1.35322	1.35322	0.925227	1.02767	1.02767	0.281135	1.38506	1.38506	2.4915	3.33684	1.19048	1
cg15598425	GRWD1	0.106561	0.540912	1.30064	1.30064	0.0922911	2.19645	2.19645	0.365116	1.48465	1.48465	0.713263	1.16969	1.16969	0.0091012	0.244815	-4.08471	0.689528	1.18593	1.18593	0.49285	0.743963	-1.34415	0.652008	0.82466	-1.21262	0.141396	0.510899	-1.95733	2.4915	7.11602	2.53877	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09298484	TSGA10;C2orf15;TSGA10	0.106562	0.057278	0.279169	-3.58206	0.646734	0.760507	-1.31491	0.158469	0.408864	-2.4458	0.0860213	0.324498	-3.08168	0.0763264	0.310407	-3.22157	0.358591	0.571172	-1.75079	0.00682743	0.125058	-7.9963	0.127937	0.376664	-2.65488	0.242585	0.484066	-2.06583	2.4915	13.8889	4.95513	1
cg14424111	KIAA0406;RPRD1B;RPRD1B	0.106562	0.484905	1.08131	1.08131	0.0258023	1.33849	1.33849	0.116111	1.20693	1.20693	0.658404	0.952176	-1.05023	0.117056	1.20625	1.20625	0.296506	0.887616	-1.12661	0.082002	0.808771	-1.23644	0.384376	1.10322	1.10322	0.263953	1.13684	1.13684	2.4915	0.478663	0.170772	1
cg20272935	UNC93B1	0.106563	0.0181297	0.193961	-5.15569	0.602771	0.740746	-1.34999	0.0663288	0.308176	-3.2449	0.0515906	0.281856	-3.54791	0.0403085	0.258218	-3.8727	0.303618	0.543904	-1.83856	0.0448151	0.268119	-3.72968	0.36306	0.586086	-1.70623	0.148123	0.412005	-2.42716	2.49149	12.8907	4.59901	1
cg23927970	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.106564	0.0485442	0.235961	-4.23799	0.65911	0.752389	-1.3291	0.204469	2.35871	2.35871	0.132422	2.83071	2.83071	0.149718	0.371665	-2.69059	0.455488	1.62762	1.62762	0.178611	0.400204	-2.49872	0.696934	1.28508	1.28508	0.0520634	0.242624	-4.1216	2.49148	16.2054	5.78161	1
cg03927970	LOC645323	0.106564	0.397068	1.43892	1.43892	0.143583	1.93377	1.93377	0.0994957	2.13327	2.13327	0.0902996	2.18863	2.18863	0.419124	1.414	1.414	0.104724	2.1045	2.1045	0.0426211	2.66314	2.66314	0.00934436	3.98815	3.98815	0.0933958	2.16925	2.16925	2.49148	6.94841	2.479	1
cg20876466	PTPRN2;PTPRN2;PTPRN2	0.106565	0.326244	0.619706	-1.61367	0.00985236	0.214395	-4.66429	0.299185	0.60171	-1.66193	0.767901	0.869605	-1.14995	0.0673098	0.379865	-2.63251	0.101437	0.428856	-2.33179	0.0861432	0.408534	-2.44778	0.876134	1.07642	1.07642	0.0477644	0.343495	-2.91125	2.49147	8.79464	3.13769	1
cg16247931	RAGE	0.106566	0.261175	0.828156	-1.2075	0.0253671	1.53365	1.53365	0.15033	1.28157	1.28157	0.749929	1.0528	1.0528	0.674256	0.934241	-1.07039	0.0753332	1.37521	1.37521	0.416052	0.874807	-1.14311	0.0430408	1.45443	1.45443	0.388846	1.15269	1.15269	2.49146	1.02164	0.364495	1
cg21964637	ABCB8	0.106567	0.501436	0.899224	-1.11207	0.56915	1.09371	1.09371	0.057648	0.715908	-1.39683	0.550651	1.09856	1.09856	0.556538	1.09701	1.09701	0.347166	1.16265	1.16265	0.00712418	1.71796	1.71796	0.505759	1.11084	1.11084	0.724331	0.946364	-1.05668	2.49144	0.956397	0.34122	1
cg01407900	HERPUD1;HERPUD1;HERPUD1	0.106568	0.197155	0.788234	-1.26866	0.0908772	1.38414	1.38414	0.393398	0.858485	-1.16484	0.213128	0.795463	-1.25713	0.888375	1.02481	1.02481	0.0302031	1.56019	1.56019	0.227103	0.801463	-1.24772	0.116343	0.742432	-1.34692	0.630709	1.08821	1.08821	2.49143	1.20196	0.428832	1
cg20757073	GABBR1;GABBR1	0.106569	0.0477856	0.375888	-2.66037	0.674353	0.833013	-1.20046	0.589418	1.26562	1.26562	0.520819	0.754739	-1.32496	0.0594795	0.398646	-2.50849	0.220712	0.573143	-1.74477	0.0162142	0.280467	-3.56548	0.0356797	0.347515	-2.87757	0.627129	0.809254	-1.23571	2.49142	7.37545	2.63141	1
cg00653997	DOC2A	0.10657	0.0276405	0.51074	-1.95794	0.0808094	0.60678	-1.64804	0.114773	0.642408	-1.55664	0.924581	1.02473	1.02473	0.0107909	0.437646	-2.28495	0.440417	0.816271	-1.22508	0.204134	0.707662	-1.4131	0.705138	0.906568	-1.10306	0.117274	0.644686	-1.55114	2.49141	2.62704	0.937277	1
cg12630953	SIM2;SIM2	0.106571	0.713215	0.959201	-1.04253	0.388651	1.10483	1.10483	0.826579	0.975545	-1.02507	0.0298015	0.749372	-1.33445	0.956532	1.00617	1.00617	0.294962	1.13038	1.13038	0.00825335	0.683047	-1.46403	0.562995	0.936145	-1.06821	0.619145	0.945027	-1.05817	2.49141	0.5024	0.179247	1
cg16504696	THEMIS;THEMIS;THEMIS	0.106572	0.248347	1.41832	1.41832	0.0076984	0.370953	-2.69576	0.209225	0.681602	-1.46713	0.867328	0.952734	-1.04961	0.945027	0.980228	-1.02017	0.594464	0.85589	-1.16837	0.0927175	1.70874	1.70874	0.337412	0.750953	-1.33164	0.887513	0.95984	-1.04184	2.4914	3.3093	1.1807	1
cg24177611	KNDC1	0.106572	0.698324	0.907872	-1.10148	0.664927	0.897501	-1.1142	0.711963	1.0964	1.0964	?	?	?	0.655514	0.894556	-1.11787	0.00342706	0.372808	-2.68234	0.592084	1.14365	1.14365	0.429884	1.22136	1.22136	0.68156	1.10781	1.10781	2.51768	2.18272	0.866957	1
cg07142400	NCAPD2;MRPL51;MRPL51	0.106573	0.472772	0.687088	-1.45542	0.129973	2.31772	2.31772	0.122801	2.3614	2.3614	0.502804	1.41834	1.41834	0.554548	0.735504	-1.35961	?	?	?	0.0507956	0.318673	-3.13802	0.0532687	0.323544	-3.09077	0.48746	1.43698	1.43698	2.51768	9.36096	3.71809	1
cg09422806	NFIC	0.106578	0.900139	0.934621	-1.06995	0.0364722	3.7037	3.7037	0.0320951	3.86597	3.86597	0.227313	1.97906	1.97906	0.253477	0.526071	-1.90088	0.925737	0.951028	-1.05149	0.182632	0.466862	-2.14196	0.100174	2.63827	2.63827	0.892397	1.07562	1.07562	2.49133	11.4455	4.08367	1
cg17184604	TPI1;TPI1;TPI1	0.106579	0.582275	0.712548	-1.40342	0.0391511	4.28954	4.28954	0.0626959	3.58852	3.58852	0.498975	0.657898	-1.51999	0.408534	0.597086	-1.6748	0.980448	1.01506	1.01506	0.0253379	0.197544	-5.06217	0.988263	0.991066	-1.00901	0.578203	1.40867	1.40867	2.49132	14.6844	5.2393	1
cg08740063	ATF1	0.106581	0.862979	0.977095	-1.02344	0.0899658	0.778257	-1.28492	0.0132158	1.50985	1.50985	0.0627707	1.32426	1.32426	0.460881	1.10595	1.10595	0.288025	0.862461	-1.15947	0.812144	0.968567	-1.03245	0.653618	1.06246	1.06246	0.881144	0.98013	-1.02027	2.4913	0.709979	0.253318	1
cg03216698	TNXB	0.106581	0.0313651	0.510011	-1.96074	0.289418	0.745851	-1.34075	0.012295	0.435418	-2.29665	0.0343629	0.517806	-1.93122	0.087512	0.604717	-1.65367	0.355978	0.776326	-1.28812	0.18561	0.687783	-1.45395	0.289596	0.745938	-1.34059	0.820151	0.941083	-1.06261	2.4913	2.80568	1.00106	1
cg13480157	GPR160	0.106582	0.945491	1.01742	1.01742	0.51957	1.17924	1.17924	0.205521	0.713697	-1.40115	0.885179	0.964166	-1.03717	0.309151	1.30448	1.30448	0.504986	1.1863	1.1863	0.00397574	0.37608	-2.65901	0.366625	0.791178	-1.26394	0.849226	1.04924	1.04924	2.49129	2.51649	0.89788	1
cg10451253	TMEM132E;C17orf102	0.106583	0.893039	1.04257	1.04257	0.624395	1.16525	1.16525	0.732025	0.898953	-1.1124	0.159735	1.59293	1.59293	0.787298	1.08743	1.08743	0.00306775	0.284677	-3.51276	0.815578	0.930154	-1.07509	0.92452	0.97106	-1.0298	0.899338	1.04	1.04	2.49128	3.78944	1.35207	1
cg05047486	MSL1	0.106586	0.10345	1.29004	1.29004	0.224648	0.833274	-1.20009	0.846446	1.02811	1.02811	0.00770053	1.63175	1.63175	0.528109	1.09571	1.09571	0.141004	1.25409	1.25409	0.417771	1.12571	1.12571	0.090404	1.30581	1.30581	0.861741	1.02524	1.02524	2.49125	0.806845	0.287885	1
cg00483154	DDX41	0.106588	0.204629	1.29674	1.29674	0.359481	1.20071	1.20071	0.142766	1.35773	1.35773	0.590017	0.899783	-1.11138	0.195636	1.30433	1.30433	0.0924946	0.698066	-1.43253	0.0231995	0.590461	-1.69359	0.891554	1.02684	1.02684	0.357557	1.20164	1.20164	2.49124	1.48704	0.530586	1
cg18648378	C15orf58	0.106589	0.0104707	0.298146	-3.35406	0.260499	0.64353	-1.55393	0.10493	0.514018	-1.94546	0.0560822	0.443675	-2.2539	0.334087	0.687863	-1.45378	0.177933	0.58412	-1.71198	0.129117	0.540151	-1.85133	0.609981	1.21315	1.21315	0.068871	0.465486	-2.14829	2.49123	5.56551	1.98582	1
cg05175318	NRXN3;NRXN3;NRXN3	0.106594	0.120338	0.411807	-2.42832	0.0204461	4.3531	4.3531	0.211415	2.00019	2.00019	0.364642	0.612315	-1.63315	0.164566	0.458038	-2.18323	0.631735	1.28952	1.28952	0.377537	1.61087	1.61087	0.341147	1.67615	1.67615	0.23227	0.517045	-1.93407	2.49117	10.9392	3.90327	1
cg20814202	AATK	0.106596	0.27416	0.65518	-1.5263	0.260839	0.646753	-1.54619	0.64402	0.841209	-1.18877	0.373788	0.712291	-1.40392	0.0208384	0.355723	-2.81118	0.0116868	0.310097	-3.2248	0.0504057	0.436614	-2.29035	0.638048	0.838548	-1.19254	0.0852496	0.493091	-2.02802	2.49115	5.44838	1.94408	1
cg20764212	PPP2R2C;PPP2R2C	0.106597	0.130078	1.96886	1.96886	0.434969	1.39101	1.39101	0.0184334	0.305897	-3.26907	0.0702741	2.3125	2.3125	0.544139	1.28963	1.28963	0.663379	0.834064	-1.19895	0.159942	0.536827	-1.8628	0.539778	0.773223	-1.29329	0.680625	1.18706	1.18706	2.49114	6.77241	2.41653	1
cg08357012	FARP1	0.1066	0.840838	0.971306	-1.02954	0.820942	0.967709	-1.03337	0.299834	0.855927	-1.16832	?	?	?	0.196446	1.21867	1.21867	0.0828095	1.32065	1.32065	0.0115754	1.5795	1.5795	0.322717	0.862517	-1.1594	0.85159	0.973246	-1.02749	2.5174	0.742975	0.295136	1
cg04526365	ANKS1A	0.106601	0.0760525	0.479615	-2.08501	0.122361	0.536243	-1.86483	0.0704532	0.471172	-2.12237	0.472801	0.762016	-1.31231	0.0435184	0.421481	-2.37259	0.971569	1.01335	1.01335	0.010852	0.304029	-3.28916	0.186939	0.594132	-1.68313	0.170423	0.58078	-1.72182	2.4911	5.46563	1.95028	1
cg08935301	LMCD1	0.106601	0.824083	0.896461	-1.1155	0.42252	0.668849	-1.49511	0.134979	0.453359	-2.20576	0.633393	1.26604	1.26604	0.124629	0.442115	-2.26185	0.269368	0.568539	-1.75889	0.124727	0.442225	-2.26129	0.0221457	3.8445	3.8445	0.250817	1.8023	1.8023	2.4911	9.50859	3.39291	1
cg12702097	HBXIP	0.106602	0.0492446	1.91395	1.91395	0.356349	0.760042	-1.31572	0.804575	0.930808	-1.07433	0.225858	1.44461	1.44461	0.0550541	1.87599	1.87599	0.128132	1.60917	1.60917	0.0613836	0.54358	-1.83966	0.649445	0.876034	-1.14151	0.865597	1.05021	1.05021	2.49109	3.30028	1.17763	1
cg05067991	KDM2B;KDM2B	0.106603	0.142237	1.57678	1.57678	0.693643	1.12106	1.12106	0.488306	0.816098	-1.22534	0.514036	0.826119	-1.21048	0.0643572	0.548883	-1.82188	?	?	?	0.0122708	0.406418	-2.46052	0.374194	0.768517	-1.30121	0.313672	0.740236	-1.35092	2.51736	2.95274	1.17295	1
cg03908676	LYVE1;LYVE1	0.106606	0.773189	0.899931	-1.1112	0.860802	0.937967	-1.06614	0.0538526	0.449921	-2.22261	0.00652147	0.275332	-3.63198	0.427704	0.744194	-1.34374	0.687837	1.15878	1.15878	0.266214	1.52607	1.52607	0.60783	1.20787	1.20787	0.309936	0.681567	-1.46721	2.49104	5.25224	1.87418	1
cg19035004	EPS8	0.106609	0.0201904	0.364149	-2.74612	0.597719	1.2117	1.2117	0.313095	1.45681	1.45681	0.80426	1.09368	1.09368	0.110755	0.534392	-1.87129	0.09131	1.95537	1.95537	0.135823	0.560105	-1.78538	0.380232	0.722832	-1.38345	0.61619	1.19991	1.19991	2.49102	5.13023	1.83066	1
cg08051604	MEG3;MEG3;MEG3	0.106609	0.383459	0.674587	-1.48239	0.0558954	2.59608	2.59608	0.260594	1.67672	1.67672	0.654816	1.21923	1.21923	0.0566208	2.58694	2.58694	0.0584057	2.56506	2.56506	0.176973	0.531461	-1.88161	0.0680589	2.45976	2.45976	0.663798	1.21245	1.21245	2.49102	7.65448	2.73141	1
cg23472708	MNX1;MNX1	0.106614	0.060204	0.362265	-2.76041	0.595376	0.773564	-1.29272	0.500241	1.38787	1.38787	0.811213	1.12145	1.12145	0.243327	0.557218	-1.79463	0.0400799	0.320963	-3.11562	0.0733492	0.384248	-2.60249	0.232275	1.82225	1.82225	0.168712	2.0188	2.0188	2.49097	9.0525	3.23034	1
cg04558707	LRP1	0.106615	0.075361	0.740047	-1.35127	0.0837805	1.33772	1.33772	0.129941	1.2824	1.2824	0.26293	1.19419	1.19419	0.844015	0.97049	-1.03041	0.206859	1.22436	1.22436	0.0197779	1.5341	1.5341	0.608074	1.08183	1.08183	0.304358	1.17556	1.17556	2.49095	0.912129	0.32549	1
cg02220911	ZUFSP;ZUFSP	0.106616	0.0555705	0.666814	-1.49967	0.803433	1.04769	1.04769	0.33501	1.20408	1.20408	0.103551	0.717093	-1.39452	0.173717	0.76311	-1.31043	0.345992	0.834196	-1.19876	0.234335	0.792257	-1.26222	0.0734827	1.45174	1.45174	0.187868	1.29782	1.29782	2.49094	1.37653	0.491211	1
cg20679084	BAMBI;BAMBI	0.106616	0.333095	0.814956	-1.22706	0.47849	1.15913	1.15913	0.686936	1.08658	1.08658	0.678068	1.08932	1.08932	0.0457457	0.625389	-1.599	0.357883	1.21382	1.21382	0.168505	0.74028	-1.35084	0.24438	1.2835	1.2835	0.0184376	0.556602	-1.79662	2.49094	1.65704	0.591313	1
cg24829772	PSD3;PSD3	0.106619	0.269086	1.75961	1.75961	0.905866	0.943573	-1.0598	0.544503	1.3514	1.3514	0.413936	1.50689	1.50689	0.359723	1.58777	1.58777	0.391429	1.53896	1.53896	0.00942548	5.03142	5.03142	0.0375085	3.27071	3.27071	0.0246202	3.72125	3.72125	2.49092	9.50943	3.39346	1
cg16527805	MDH1;MDH1;C2orf86	0.10662	0.156294	0.757702	-1.31978	0.163448	0.761763	-1.31274	0.376181	1.18076	1.18076	0.218792	1.26698	1.26698	0.59003	1.10464	1.10464	0.0728602	1.44208	1.44208	0.112396	0.728896	-1.37194	0.0771653	0.698006	-1.43265	0.368058	1.18431	1.18431	2.4909	1.32059	0.471258	1
cg04532229	SLC9A2	0.106622	0.107399	0.539295	-1.85427	0.114068	1.82953	1.82953	0.278082	1.48638	1.48638	0.59447	1.20782	1.20782	0.302333	0.686959	-1.45569	0.127108	0.560011	-1.78568	0.0174985	0.361943	-2.76287	0.923132	1.0345	1.0345	0.85534	0.937883	-1.06623	2.49089	4.87152	1.73843	1
cg20760467	GGT1;GGT1;GGT1;GGT1;GGT1	0.106624	0.48337	0.821099	-1.21788	0.208091	0.692621	-1.44379	0.0313708	0.497235	-2.01112	0.0652439	0.563987	-1.77309	0.0103729	0.40929	-2.44325	0.163068	0.662331	-1.50982	0.0943682	0.601185	-1.66338	0.157659	0.658306	-1.51905	0.149712	0.652209	-1.53325	2.49087	3.02082	1.07801	1
cg10864145	CCL28	0.106625	0.11585	14.5029	14.5029	0.189738	8.78813	8.78813	0.131161	12.8104	12.8104	0.25239	0.154004	-6.49334	0.785293	0.652274	-1.5331	0.322224	0.201879	-4.95346	?	?	?	0.243246	6.7574	6.7574	0.0206237	78.4489	78.4489	2.51713	86.7629	34.469	1
cg00133234	CLCN7;CLCN7	0.106632	0.819428	0.895941	-1.11615	0.0848374	2.4988	2.4988	0.506437	1.38257	1.38257	0.675877	0.817043	-1.22393	0.267494	0.574013	-1.74212	0.0189484	0.255251	-3.91771	0.95738	0.974645	-1.02601	0.971767	1.01715	1.01715	0.0310399	0.296255	-3.37547	2.49079	9.10994	3.25107	1
cg04494230	RPTOR;RPTOR	0.106632	0.687436	1.14319	1.14319	0.860939	0.943637	-1.05973	0.0269864	0.420417	-2.37859	0.260859	1.47401	1.47401	0.0127262	0.359062	-2.78503	0.666999	1.15398	1.15398	0.76393	0.905152	-1.10479	0.362678	1.3628	1.3628	0.407353	0.755465	-1.32369	2.49079	4.31832	1.54108	1
cg14507146	C1QTNF3;C1QTNF3	0.106632	0.0777314	0.292283	-3.42134	0.194663	0.422842	-2.36495	0.567225	1.43741	1.43741	0.530645	0.671317	-1.48961	0.0385727	0.222367	-4.49707	0.0958311	0.31738	-3.1508	0.0224311	0.179788	-5.56211	0.0473158	0.240797	-4.15288	0.279049	0.493558	-2.02611	2.49078	15.5287	5.54176	1
cg04788999	ISG15	0.106635	0.0182764	0.380806	-2.62601	0.131786	0.577925	-1.73033	0.934163	0.972536	-1.02824	0.321654	1.41213	1.41213	0.836659	0.932783	-1.07206	0.242073	0.661871	-1.51087	0.157501	0.600817	-1.6644	0.103799	0.549058	-1.8213	0.0294167	0.421234	-2.37397	2.49076	4.48156	1.59936	1
cg04685060	MAGEB1;MAGEB1;MAGEB1;MAGEB1	0.106637	0.303119	1.64638	1.64638	0.865369	1.08255	1.08255	0.0218246	0.276243	-3.62	0.329566	0.624803	-1.6005	0.0239241	0.283805	-3.52355	0.341157	1.58168	1.58168	0.242432	1.7715	1.7715	0.988429	0.993244	-1.0068	0.969501	0.982288	-1.01803	2.49073	8.61869	3.07583	1
cg03288847	RUNDC2C	0.106638	0.171659	0.883117	-1.13235	0.316821	0.915401	-1.09242	0.712503	1.03212	1.03212	0.420611	1.07281	1.07281	0.797788	1.02217	1.02217	0.0544861	1.20485	1.20485	0.00873979	1.33021	1.33021	0.854149	0.984405	-1.01584	0.696016	1.03411	1.03411	2.49072	0.287817	0.102716	1
cg23228858	TTBK1	0.106638	0.434614	0.8412	-1.18878	0.642369	0.903532	-1.10677	0.697763	1.08834	1.08834	0.0137393	1.93639	1.93639	0.0886005	1.50302	1.50302	0.196786	0.743774	-1.34449	0.0665324	1.56253	1.56253	0.346177	1.23421	1.23421	0.847625	1.04261	1.04261	2.49072	1.85607	0.662395	1
cg26606947	TACC2;TACC2	0.106639	0.341743	0.643292	-1.5545	0.353175	1.53759	1.53759	0.79534	0.889533	-1.12419	0.386175	0.670283	-1.49191	0.0451212	0.355144	-2.81576	0.966132	1.01931	1.01931	0.00894507	0.2237	-4.47028	0.0864938	0.426237	-2.34611	0.196508	0.540649	-1.84963	2.49071	7.99995	2.85503	1
cg01822585	IFFO1;IFFO1;IFFO1	0.106643	0.253302	1.26687	1.26687	0.0868261	1.45494	1.45494	0.125726	1.38891	1.38891	0.999371	0.999844	-1.00016	0.142983	1.36632	1.36632	0.0424927	1.5891	1.5891	0.0130669	1.84119	1.84119	0.0433237	1.58532	1.58532	0.473738	1.15542	1.15542	2.49067	1.55065	0.553407	1
cg17319849	GBA;GBA;GBA;GBA	0.106643	0.869183	1.07252	1.07252	0.895105	0.94551	-1.05763	0.0107809	0.256514	-3.89843	0.813061	0.904273	-1.10586	0.268928	1.63079	1.63079	0.982774	1.00921	1.00921	0.355829	1.49694	1.49694	0.174257	1.84762	1.84762	0.0585326	2.47885	2.47885	2.49067	7.11697	2.53996	1
cg16627247	SNORA80;URB1	0.106644	0.172423	0.458293	-2.18201	0.759555	0.84795	-1.17931	0.0119395	0.185372	-5.39454	0.8904	0.928602	-1.07689	0.0139016	0.195397	-5.11778	0.46399	0.67002	-1.49249	0.680962	0.800824	-1.24871	0.351241	1.67439	1.67439	0.50723	0.696645	-1.43545	2.49066	11.3864	4.06369	1
cg17337118	ANKRD34C	0.106647	0.147493	0.771742	-1.29577	0.646512	0.925904	-1.08003	0.00907174	1.73816	1.73816	0.985066	1.00313	1.00313	0.91287	1.01842	1.01842	0.515278	1.11627	1.11627	0.152574	0.774574	-1.29103	0.65285	1.07841	1.07841	0.15296	0.774786	-1.29068	2.49063	1.09638	0.391291	1
cg16380885	BASP1	0.106651	0.0529232	0.188163	-5.31454	0.560288	0.639408	-1.56395	0.462522	1.76459	1.76459	0.430108	0.542494	-1.84334	0.0831342	0.232979	-4.29223	0.157899	0.317733	-3.1473	0.01081	0.0879444	-11.3708	0.0754965	0.222558	-4.49321	0.785158	0.812615	-1.2306	2.49059	22.7458	8.11795	1
cg21472639	FURIN	0.106652	0.463174	0.675663	-1.48003	0.0976663	2.5963	2.5963	0.402657	1.56779	1.56779	0.232813	1.92874	1.92874	0.0961398	0.383161	-2.60987	0.565374	1.35678	1.35678	0.0191642	0.225802	-4.42866	0.592355	0.752947	-1.32811	0.302462	0.570734	-1.75213	2.49058	10.873	3.88057	1
cg22390894	SFRS11;LRRC40	0.106654	0.0476803	0.230752	-4.33365	0.318598	1.92867	1.92867	0.963019	1.02983	1.02983	?	?	?	?	?	?	0.159857	0.382142	-2.61683	?	?	?	0.0593728	3.95624	3.95624	0.67633	1.30528	1.30528	2.74011	11.3845	4.84722	1
cg04512931	LOC100133991;MAP3K14;LOC100133991	0.106654	0.0459635	0.631674	-1.5831	0.1358	0.724087	-1.38105	0.0242948	0.583205	-1.71466	0.252698	0.786669	-1.27118	0.0496639	0.637803	-1.56788	0.0204453	0.570621	-1.75248	0.143295	0.729141	-1.37148	0.23913	0.78068	-1.28093	0.294116	0.803684	-1.24427	2.49056	1.59104	0.567849	1
cg27069422	PCDHB6	0.106655	0.0251453	3.53546	3.53546	0.14379	2.10591	2.10591	0.257583	1.75105	1.75105	0.206414	1.88122	1.88122	0.0148972	4.13699	4.13699	0.814885	1.11763	1.11763	0.730107	1.17846	1.17846	0.0280207	3.42359	3.42359	0.262085	1.74107	1.74107	2.49055	8.86882	3.16532	1
cg13509765	ABL1;ABL1	0.106655	0.554219	0.93185	-1.07313	0.168262	0.840948	-1.18913	0.142036	1.2047	1.2047	0.894464	1.01578	1.01578	0.0550695	0.773668	-1.29254	0.0632405	1.2795	1.2795	0.378603	1.11246	1.11246	0.537268	1.07649	1.07649	0.0681957	1.27243	1.27243	2.49055	0.549019	0.195948	1
cg09076077	C20orf197	0.106663	0.60836	0.793469	-1.26029	0.124173	0.474629	-2.10691	0.0255201	0.304847	-3.28033	0.0638523	0.393599	-2.54065	0.0235891	0.298183	-3.35365	0.241469	0.577634	-1.7312	0.0492699	0.366218	-2.73062	0.0936028	0.438062	-2.28278	0.152452	0.503557	-1.98587	2.49047	7.90271	2.82061	1
cg04109067	TFDP2	0.106663	0.358602	1.26492	1.26492	0.0131479	0.465115	-2.15	0.0190725	0.49343	-2.02663	0.503932	0.844644	-1.18393	0.643467	0.890442	-1.12304	0.479683	0.836206	-1.19588	0.326178	1.28707	1.28707	0.941398	1.01847	1.01847	0.394945	0.805007	-1.24222	2.49047	2.44459	0.872517	1
cg10316922	MYH11;MYH11;MYH11;MYH11	0.106665	0.628256	0.893894	-1.1187	0.00337664	2.50047	2.50047	0.484858	1.17725	1.17725	0.618956	1.12217	1.12217	0.851801	1.04393	1.04393	0.0718737	1.58717	1.58717	0.629967	0.894401	-1.11807	0.59426	1.13157	1.13157	0.865682	0.961828	-1.03969	2.49045	2.08468	0.744062	1
cg26092564	EYS;EYS;EYS	0.106665	0.0774736	0.413396	-2.41899	0.730988	0.856123	-1.16806	0.481238	1.3802	1.3802	0.690211	0.835	-1.1976	0.0120502	0.244324	-4.09293	0.527625	0.749725	-1.33382	0.0295114	0.315491	-3.16967	0.613412	1.25772	1.25772	0.182734	0.529189	-1.88969	2.49044	7.99077	2.85207	1
cg01999951	INO80D	0.106666	0.505861	0.916882	-1.09065	0.306825	1.14568	1.14568	0.239547	0.853577	-1.17154	0.163968	0.826194	-1.21037	0.169824	0.82864	-1.2068	0.0118053	0.667514	-1.4981	0.863237	1.02241	1.02241	0.254469	1.16528	1.16528	0.276539	1.15661	1.15661	2.49044	0.651792	0.232638	1
cg14678430	FLNC;FLNC	0.106668	0.461685	0.865815	-1.15498	0.0518818	1.53013	1.53013	0.343149	1.20657	1.20657	0.620032	0.90837	-1.10087	0.955798	1.01072	1.01072	0.253371	1.25781	1.25781	0.00552722	2.01606	2.01606	0.783469	0.948411	-1.0544	0.589271	1.1105	1.1105	2.49042	1.45831	0.520504	1
cg18831260	LOC285696	0.106668	0.0402211	0.277418	-3.60467	0.64652	0.778958	-1.28377	0.0496952	0.29785	-3.3574	0.163653	2.23481	2.23481	0.0634006	0.32326	-3.09348	0.520283	0.702892	-1.42269	0.711615	0.818012	-1.22248	0.0374928	0.270942	-3.69083	0.722581	0.824617	-1.21268	2.49042	11.543	4.11998	1
cg17328806	COX11;COX11;COX11;COX11;STXBP4;COX11	0.106669	0.907095	1.02105	1.02105	0.90581	0.979105	-1.02134	0.321042	1.20069	1.20069	0.121115	1.34965	1.34965	0.188365	0.779857	-1.28229	0.364667	1.18078	1.18078	0.00821207	0.547036	-1.82803	0.574004	1.10664	1.10664	0.495336	1.13146	1.13146	2.49041	1.25521	0.448018	1
cg12565355	U2AF1L4;TMEM149;U2AF1L4	0.106671	0.528174	1.12553	1.12553	0.6352	0.915364	-1.09246	0.181964	0.769395	-1.29972	0.181739	0.769279	-1.29992	0.175769	0.766146	-1.30523	0.0432216	0.650305	-1.53774	0.0227369	1.65617	1.65617	0.68631	0.927624	-1.07802	0.814617	1.04442	1.04442	2.49038	1.35048	0.482025	1
cg16441238	EVL	0.106673	0.235692	0.618	-1.61812	0.0164039	3.114	3.114	0.527904	1.28104	1.28104	0.391396	0.711713	-1.40506	0.163756	0.562414	-1.77805	0.140501	1.84789	1.84789	0.213846	0.602372	-1.6601	0.525609	1.28285	1.28285	0.390818	0.711402	-1.40567	2.49036	5.91544	2.11141	1
cg01323926	DLL4	0.106673	0.95048	1.01045	1.01045	0.171048	1.27643	1.27643	0.0697043	1.40451	1.40451	0.410462	0.868535	-1.15136	0.126884	1.31848	1.31848	0.391025	1.15855	1.15855	0.0388729	0.670013	-1.49251	0.752424	0.948387	-1.05442	0.0793155	1.38567	1.38567	2.49036	1.10602	0.394772	1
cg02718002	SLC24A3	0.106675	0.109452	0.704563	-1.41932	0.77979	0.945312	-1.05785	0.0653195	1.51458	1.51458	0.754742	0.939057	-1.0649	0.0144198	1.83135	1.83135	0.20924	1.30417	1.30417	0.339805	1.21823	1.21823	0.858195	1.03654	1.03654	0.175506	1.33516	1.33516	2.49034	1.58793	0.566788	1
cg24348114	USF2;LSR;LSR;USF2;LSR	0.106676	0.175315	0.773999	-1.29199	0.0486512	0.670126	-1.49226	0.402486	0.858739	-1.1645	0.34605	0.841573	-1.18825	0.0127077	0.576706	-1.73399	0.465601	1.14109	1.14109	0.45586	0.873723	-1.14453	0.0301616	0.635623	-1.57326	0.897866	0.977433	-1.02309	2.49034	1.24608	0.44477	1
cg00544141	FAM172A;FAM172A;FAM172A;FAM172A	0.106676	0.446366	1.14829	1.14829	0.456039	0.873505	-1.14481	0.636699	1.08845	1.08845	0.0938276	1.38851	1.38851	0.0257318	1.60299	1.60299	0.983458	1.0037	1.0037	0.0296431	0.633748	-1.57791	0.927103	1.01644	1.01644	0.269002	1.22763	1.22763	2.49033	1.25172	0.446785	1
cg11321939	PTPRG	0.106677	0.0327126	0.282772	-3.53642	0.208399	1.95502	1.95502	0.197492	1.99097	1.99097	0.456039	1.46777	1.46777	0.034294	0.287008	-3.48423	0.180695	2.05131	2.05131	0.889413	0.93209	-1.07286	0.765032	1.16359	1.16359	0.587212	0.757993	-1.31927	2.49032	10.078	3.59721	1
cg20984170	RXRB	0.106678	0.967368	1.01508	1.01508	0.0191789	0.354608	-2.82002	0.615784	0.831014	-1.20335	0.435436	1.33791	1.33791	0.46657	0.76258	-1.31134	0.0085666	0.2932	-3.41064	0.548501	1.24871	1.24871	0.55837	0.805307	-1.24176	0.525659	0.790357	-1.26525	2.49032	5.27875	1.88419	1
cg00770471	C4orf34	0.106678	0.760761	1.0869	1.0869	0.00496839	2.75871	2.75871	0.181886	0.67933	-1.47204	0.363537	0.77507	-1.29021	0.727863	1.10001	1.10001	0.652083	1.13184	1.13184	0.903603	1.03361	1.03361	0.315704	0.753472	-1.32719	0.396596	0.789096	-1.26727	2.49032	2.93654	1.04816	1
cg16673929	NFIX	0.106678	0.196332	0.720916	-1.38712	0.41676	1.21992	1.21992	0.219274	1.36265	1.36265	0.0652875	1.64153	1.64153	0.229904	0.739543	-1.35219	0.166568	1.42372	1.42372	0.0337868	0.552289	-1.81064	0.471955	0.839251	-1.19154	0.958733	1.01247	1.01247	2.49031	2.26267	0.807636	1
cg08695941	AVIL	0.10668	0.181499	0.632236	-1.58169	0.0151553	0.381198	-2.62331	0.0426334	0.470265	-2.12646	0.0925652	0.549731	-1.81907	0.0427464	0.470515	-2.12533	0.0581753	0.500542	-1.99784	0.266203	0.687646	-1.45424	0.320642	0.717704	-1.39333	0.81467	0.926908	-1.07886	2.49029	4.12099	1.47095	1
cg05367087	NFIA;NFIA;NFIA;NFIA	0.106681	0.657869	0.928079	-1.07749	0.192899	0.793926	-1.25956	0.422218	0.871716	-1.14716	0.640049	0.924158	-1.08207	0.235442	1.2315	1.2315	0.801857	0.958766	-1.04301	0.0324266	1.52102	1.52102	0.0159322	1.63937	1.63937	0.954505	1.0096	1.0096	2.49028	1.1061	0.394815	1
cg00585174	INPP5A	0.106682	0.193139	0.440055	-2.27244	0.00672305	0.123089	-8.12421	0.116037	0.361275	-2.76798	0.827776	1.13868	1.13868	0.823095	0.875057	-1.14278	0.325006	0.545642	-1.8327	0.0329209	0.226037	-4.42405	0.983729	1.01223	1.01223	0.939024	1.04666	1.04666	2.49027	14.0123	5.00162	1
cg20333676	GPKOW	0.106684	0.0435565	0.306885	-3.25855	0.305295	1.71657	1.71657	0.773208	1.15844	1.15844	0.015434	4.53933	4.53933	0.40678	0.649229	-1.54029	0.125273	0.429739	-2.327	0.868198	1.08822	1.08822	0.85221	0.909437	-1.09958	0.999748	1.00016	1.00016	2.49025	10.2187	3.64753	1
cg05088898	C10orf46	0.106689	0.97311	0.984667	-1.01557	0.090327	0.425036	-2.35274	0.121728	0.463464	-2.15767	0.485437	0.722568	-1.38395	0.667682	1.21896	1.21896	0.470227	0.714082	-1.4004	0.938058	1.03627	1.03627	0.00905636	4.57493	4.57493	0.518586	1.34986	1.34986	2.49019	8.28784	2.95839	1
cg01395217	SEC22B	0.10669	0.0986037	0.338052	-2.95813	0.552771	0.697963	-1.43274	0.154547	0.401529	-2.49048	0.755626	0.829489	-1.20556	0.00639404	0.119476	-8.36989	0.213145	0.456089	-2.19256	0.0428208	0.247588	-4.03897	0.183485	0.429542	-2.32806	0.115126	0.358504	-2.78937	2.49019	14.1414	5.04785	1
cg27649089	PDLIM2	0.10669	0.56236	0.92709	-1.07864	0.00370137	0.602349	-1.66017	0.38052	0.890245	-1.12329	0.630152	1.06471	1.06471	0.803186	1.0328	1.0328	0.226732	1.17826	1.17826	0.208846	0.842634	-1.18676	0.566324	0.927816	-1.0778	0.562517	0.927119	-1.07861	2.49019	0.658796	0.235161	1
cg16616957	EYS	0.106693	0.191996	0.652272	-1.5331	0.0913478	0.562565	-1.77757	0.356086	0.745517	-1.34135	0.21989	0.670921	-1.49049	0.372154	0.753159	-1.32774	0.302102	0.718384	-1.39201	0.169807	1.5721	1.5721	0.0174232	0.408365	-2.44879	0.0410918	0.482298	-2.07341	2.49016	3.77502	1.34753	1
cg21289422	SBF1	0.106693	0.8771	0.955748	-1.0463	0.151066	1.56832	1.56832	0.4194	1.27289	1.27289	0.872337	0.954056	-1.04816	0.510763	0.822756	-1.21543	0.254182	1.41657	1.41657	0.0067906	0.358462	-2.7897	0.942911	1.02117	1.02117	0.186335	0.663818	-1.50644	2.49016	3.37348	1.2042	1
cg13784966	PFKP	0.106694	0.143002	0.509016	-1.96457	0.0636872	0.408899	-2.44559	0.153385	0.519031	-1.92667	0.907542	1.0511	1.0511	0.158662	0.523959	-1.90855	0.286096	0.621746	-1.60837	0.0067797	0.221966	-4.50519	0.450306	0.718943	-1.39093	0.0640449	0.409511	-2.44194	2.49015	7.25734	2.5906	1
cg25972714	MIR346;GRID1	0.106694	0.807942	0.900011	-1.1111	0.645275	0.818312	-1.22203	0.0579992	0.395754	-2.52682	0.0403199	2.7861	2.7861	0.766534	0.879149	-1.13746	0.855162	1.08225	1.08225	0.279735	0.615027	-1.62595	0.0537284	2.5793	2.5793	0.139792	1.98832	1.98832	2.49015	7.37979	2.63431	1
cg24212420	ZSWIM4	0.106695	0.350607	0.877251	-1.13992	0.028745	1.42137	1.42137	0.0196785	1.46827	1.46827	0.607983	1.07307	1.07307	0.82162	1.03126	1.03126	0.234612	0.843809	-1.1851	0.984954	1.00257	1.00257	0.880311	0.97967	-1.02075	0.0981581	1.28054	1.28054	2.49013	0.732835	0.261596	1
cg07456114	HELT	0.106697	0.159694	1.69451	1.69451	0.973798	1.0116	1.0116	0.490579	1.27864	1.27864	0.732415	1.12803	1.12803	0.13756	0.570446	-1.75301	0.347859	1.40392	1.40392	0.00886476	0.310596	-3.21962	0.24286	1.5357	1.5357	0.963658	0.984134	-1.01612	2.49012	4.85909	1.73453	1
cg01752235	UPP2;UPP2	0.106699	0.207635	0.72913	-1.3715	0.00848996	0.449894	-2.22274	0.0470455	0.582527	-1.71666	0.229366	0.740909	-1.34969	0.579372	0.875361	-1.14239	0.243396	1.3367	1.3367	0.625298	1.12414	1.12414	0.932519	0.980066	-1.02034	0.466534	0.838481	-1.19263	2.4901	2.22924	0.795769	1
cg15517836	ACTR3	0.106699	0.118799	0.777139	-1.28677	0.284357	1.18012	1.18012	0.193471	1.22742	1.22742	0.590952	0.922381	-1.08415	0.135454	1.27078	1.27078	0.0529733	1.38749	1.38749	0.568106	1.08972	1.08972	0.0517084	1.3906	1.3906	0.0609919	1.36951	1.36951	2.4901	0.874585	0.3122	1
cg14533361	BNIP2	0.1067	0.00844118	0.509941	-1.96101	0.880868	0.970418	-1.03048	0.196216	1.31474	1.31474	0.15054	1.36144	1.36144	0.777606	0.944879	-1.05834	0.191255	0.758009	-1.31925	0.463186	1.16128	1.16128	0.385474	1.19501	1.19501	0.845859	1.03974	1.03974	2.49009	1.58119	0.564438	1
cg02021460	C16orf88;IQCK	0.1067	0.797551	1.02251	1.02251	0.130999	0.868319	-1.15165	0.363202	0.922269	-1.08428	0.0190723	0.782164	-1.2785	0.492518	0.94143	-1.06221	0.0207366	0.785754	-1.27266	0.0771529	0.843527	-1.1855	0.871709	1.01409	1.01409	0.505126	1.06031	1.06031	2.49009	0.295698	0.105556	1
cg05819883	SERGEF	0.106703	0.0352031	0.220831	-4.52835	0.284861	0.504613	-1.98172	0.153335	0.390092	-2.5635	0.156	0.392794	-2.54586	0.029158	0.205422	-4.86802	0.0233167	0.188448	-5.30651	0.100726	0.330588	-3.02491	0.297242	0.514093	-1.94517	0.0580225	0.267346	-3.74048	2.49005	14.9498	5.3367	1
cg10925420	TIGD3	0.106704	0.106433	0.14839	-6.73899	0.165275	4.96172	4.96172	0.889018	0.859755	-1.16312	0.674924	1.57853	1.57853	0.0481717	0.0868218	-11.5178	0.512177	0.487025	-2.05328	0.0118845	0.0334434	-29.9093	0.825802	1.26941	1.26941	0.654161	0.613846	-1.62907	2.49005	46.1898	16.4887	1
cg24500959	MARVELD1;MARVELD1;MARVELD1	0.106705	0.0125457	0.0853695	-11.7138	0.679264	0.719277	-1.39029	0.982533	0.9828	-1.0175	0.138339	0.282374	-3.5414	0.0630912	0.190743	-5.24264	0.1582	0.302517	-3.3056	0.362641	0.476386	-2.09914	0.0695744	0.200176	-4.99561	0.0341892	0.141062	-7.08909	2.49004	24.77	8.84232	1
cg11368502	COL9A3	0.106705	0.0253131	0.289031	-3.45984	0.128804	2.15159	2.15159	0.145789	2.07296	2.07296	0.398295	1.49733	1.49733	0.111362	0.445071	-2.24683	0.891535	1.06576	1.06576	0.682732	0.825445	-1.21147	0.326843	0.623441	-1.604	0.154532	0.490986	-2.03672	2.49003	8.59287	3.06747	1
cg02458188	RORA	0.106708	0.00612477	0.198995	-5.02525	0.415242	1.45623	1.45623	0.323957	0.631426	-1.58372	0.457681	0.710815	-1.40684	0.71421	1.18058	1.18058	0.47344	1.38969	1.38969	0.227534	0.564539	-1.77136	0.644712	1.23315	1.23315	0.0932518	0.434597	-2.30098	2.49001	8.03341	2.86779	1
cg23923934	HLA-B	0.106709	0.0577022	0.581299	-1.72028	0.0489279	1.76541	1.76541	0.839794	1.0525	1.0525	0.183197	0.699778	-1.42902	0.746611	1.0854	1.0854	0.429672	0.815638	-1.22603	0.972316	1.00881	1.00881	0.946883	1.01698	1.01698	0.022431	0.500894	-1.99643	2.48999	2.5199	0.899566	1
cg18148452	P4HA1;P4HA1;P4HA1;P4HA1	0.106711	0.789205	1.07431	1.07431	0.847809	0.949903	-1.05274	0.192041	1.44687	1.44687	0.401113	0.79462	-1.25846	0.46765	0.820624	-1.21858	0.658238	0.887734	-1.12646	0.00460941	0.364749	-2.74161	0.130918	0.64643	-1.54696	0.250004	0.725008	-1.37929	2.48998	2.82181	1.00735	1
cg08931196	RNF26	0.106712	0.346378	0.830948	-1.20345	0.853361	1.03581	1.03581	0.161167	1.33299	1.33299	0.166145	0.753119	-1.32781	0.976477	1.00562	1.00562	0.305348	0.816381	-1.22492	0.851441	1.03629	1.03629	0.429905	1.16611	1.16611	0.0075413	1.97561	1.97561	2.6439	1.48168	0.435879	1
cg01812865	RER1	0.106712	0.204913	1.52589	1.52589	0.200433	1.53305	1.53305	0.577847	0.837263	-1.19437	0.040525	2.11138	2.11138	0.896121	0.959571	-1.04213	0.0975287	0.563044	-1.77606	0.0509445	2.01869	2.01869	0.0870153	1.81676	1.81676	0.413492	1.30229	1.30229	2.48996	3.93608	1.40514	1
cg04863950	CYBRD1;CYBRD1	0.106714	0.834949	0.975583	-1.02503	0.00551309	1.5407	1.5407	0.319601	1.1296	1.1296	0.532089	0.927758	-1.07787	0.129021	1.21453	1.21453	0.807489	0.97149	-1.02935	0.358081	0.894067	-1.11848	0.14055	1.20663	1.20663	0.668553	1.05235	1.05235	2.48994	0.553583	0.197625	1
cg11206084	PTPRN2;PTPRN2;PTPRN2	0.106714	0.211445	0.767747	-1.30251	0.0391414	0.619252	-1.61485	0.0664038	0.661457	-1.51181	0.240681	0.781451	-1.27967	0.68801	0.922157	-1.08441	0.179227	1.33167	1.33167	0.0627781	1.52246	1.52246	0.92594	1.01884	1.01884	0.718611	0.929934	-1.07535	2.48994	1.58943	0.567413	1
cg19632809	UBE2V2	0.106714	0.207776	0.738727	-1.35368	0.0761009	1.56829	1.56829	?	?	?	0.208296	1.35316	1.35316	0.00987926	2.10279	2.10279	0.256758	1.30979	1.30979	0.81294	0.947389	-1.05553	0.70129	1.09185	1.09185	0.872008	1.03744	1.03744	2.51619	1.84124	0.731756	1
cg00090103	ARHGEF2;ARHGEF2;ARHGEF2	0.106715	0.0548554	2.05888	2.05888	0.0104971	2.90978	2.90978	0.492025	1.26041	1.26041	0.724388	1.12458	1.12458	0.151609	0.600788	-1.66448	0.671983	0.868273	-1.15171	0.178579	1.60636	1.60636	0.215136	1.54146	1.54146	0.638649	1.16983	1.16983	2.48994	4.33743	1.54843	1
cg05012785	ZRSR2	0.106715	0.150749	0.832497	-1.2012	0.589936	1.06691	1.06691	0.441974	0.910894	-1.09782	0.119411	0.81778	-1.22282	0.0992847	1.23998	1.23998	0.369411	0.896072	-1.11598	0.0641	0.780602	-1.28106	0.645398	0.946335	-1.05671	0.0569291	1.29236	1.29236	2.48993	0.558829	0.199498	1
cg10774701	PDE11A	0.106718	0.413461	0.815051	-1.22692	0.157783	1.44691	1.44691	0.0801238	0.621948	-1.60785	0.786938	0.935881	-1.06851	0.750294	0.924873	-1.08123	0.0789599	1.61145	1.61145	0.0184658	0.497065	-2.01181	0.607742	0.881052	-1.13501	0.40312	0.811171	-1.23279	2.48991	2.35933	0.842275	1
cg05140895	FOXP4;FOXP4;FOXP4	0.106719	0.0808066	1.38256	1.38256	0.593208	0.913739	-1.0944	0.643865	1.081	1.081	0.47438	0.8854	-1.12943	0.359707	0.854235	-1.17064	0.511386	0.894552	-1.11788	?	?	?	0.0126813	1.67918	1.67918	0.154983	1.28999	1.28999	2.51614	0.991466	0.394042	1
cg17532753	HDAC4	0.10672	0.31264	0.723013	-1.3831	0.109059	0.581206	-1.72056	0.408289	0.769016	-1.30036	0.716455	1.11993	1.11993	0.0068656	0.337221	-2.96542	0.251323	1.45089	1.45089	0.639991	1.15752	1.15752	0.349073	0.741305	-1.34897	0.155415	0.623711	-1.60331	2.48988	3.80262	1.35754	1
cg22709307	RSPO4;RSPO4	0.106721	0.522163	0.755097	-1.32433	0.185205	1.83756	1.83756	0.93557	0.965594	-1.03563	0.392662	0.684401	-1.46113	0.80552	0.898684	-1.11274	0.284019	0.617567	-1.61926	0.631588	0.811229	-1.2327	0.0140294	3.71898	3.71898	0.0394188	2.8062	2.8062	2.48987	7.39491	2.64	1
cg03258665	EPHA2	0.106722	0.47809	0.863012	-1.15873	0.273537	0.792341	-1.26208	0.499871	1.15016	1.15016	0.883091	0.970389	-1.03051	0.0300913	0.593881	-1.68384	0.639526	0.908137	-1.10116	0.45963	0.857447	-1.16625	0.00973514	0.512779	-1.95016	0.243647	1.28299	1.28299	2.48986	1.64546	0.587435	1
cg25545878	C21orf56;C21orf56;C21orf56;C21orf56	0.106726	0.149814	0.284924	-3.5097	0.0307079	0.126952	-7.87702	0.144407	0.279462	-3.57831	0.257869	0.382868	-2.61186	0.378824	2.08378	2.08378	0.0832796	0.210329	-4.75446	0.0224724	0.108282	-9.23512	0.115249	0.248464	-4.02473	0.235246	0.363651	-2.74989	2.48982	26.0734	9.30843	1
cg06491548	PDIA6	0.106727	0.841007	0.918101	-1.0892	0.894398	0.945068	-1.05813	0.0887947	0.449972	-2.22236	0.640362	0.81859	-1.22161	0.484797	0.739329	-1.35258	0.034808	0.351137	-2.84789	0.00988568	0.249892	-4.00172	0.691695	1.18479	1.18479	0.0660647	0.415957	-2.40409	2.48982	7.13663	2.54785	1
cg22311403	MLLT4;MLLT4;MLLT4	0.106727	0.331238	1.45167	1.45167	0.0427538	2.38004	2.38004	0.0033323	4.41752	4.41752	0.351324	1.4285	1.4285	0.249998	1.56354	1.56354	0.28962	1.50478	1.50478	0.362901	1.41576	1.41576	0.272472	1.52907	1.52907	0.239688	1.5805	1.5805	2.48981	5.4507	1.94595	1
cg07478893	ZFPM2	0.106727	0.381696	0.824906	-1.21226	0.265202	0.779489	-1.28289	0.0412994	0.603512	-1.65697	0.0250114	0.564339	-1.77198	0.661991	0.90994	-1.09897	0.865373	0.96425	-1.03708	0.0416138	1.65529	1.65529	0.965676	1.00927	1.00927	0.933673	0.982301	-1.01802	2.48981	1.81506	0.647997	1
cg02258387	LDHB	0.106728	0.0138757	0.121352	-8.24051	0.393455	0.545292	-1.83388	0.0577834	0.225775	-4.42918	0.790508	0.831348	-1.20287	0.209922	0.39985	-2.50094	0.202234	0.392956	-2.54481	0.0255798	0.158794	-6.29746	0.540051	0.650282	-1.53779	0.0507337	0.213466	-4.68459	2.4898	18.978	6.7754	1
cg03235894	CYBASC3;CYBASC3;CYBASC3	0.106732	0.421075	0.854139	-1.17077	0.135285	1.36181	1.36181	0.18007	0.76103	-1.31401	0.840891	0.962177	-1.03931	0.0172455	0.573201	-1.74459	0.286681	0.808784	-1.23642	0.0784526	1.45492	1.45492	0.342509	0.828951	-1.20634	0.96147	1.00931	1.00931	2.48976	1.45089	0.517995	1
cg07159802	OR1C1	0.106733	0.0163035	0.0604998	-16.529	0.241048	0.309692	-3.22902	0.0853117	0.162543	-6.15222	0.0972112	0.175795	-5.68843	0.108606	0.187959	-5.3203	0.207715	0.281171	-3.55655	0.771606	0.757307	-1.32047	0.0356624	0.0967894	-10.3317	0.0470093	0.114034	-8.76933	2.48975	35.9698	12.8419	1
cg16899486	HIC1	0.106734	0.385071	1.2094	1.2094	0.0162279	1.87323	1.87323	0.115623	1.44074	1.44074	0.957997	0.988819	-1.01131	0.117414	0.695542	-1.43773	0.140697	0.712971	-1.40258	0.603014	1.11853	1.11853	0.442682	0.846108	-1.18188	0.539104	0.87568	-1.14197	2.48974	1.79728	0.641666	1
cg18225258	GNB1L	0.106736	0.437933	1.12479	1.12479	0.0817605	1.344	1.344	0.578255	0.920192	-1.08673	0.107027	1.30753	1.30753	0.960939	1.00725	1.00725	0.375134	0.873202	-1.14521	0.0238499	0.65351	-1.5302	0.183587	1.23705	1.23705	0.285549	0.847103	-1.18049	2.86256	0.940197	0.218964	1
cg08920458	KCNQ1;KCNQ1	0.106737	0.332458	1.57733	1.57733	0.239668	1.75281	1.75281	0.203476	1.84383	1.84383	0.118375	0.461722	-2.1658	0.165198	1.96357	1.96357	0.581745	1.28864	1.28864	0.168572	1.95174	1.95174	0.189943	1.88286	1.88286	0.0332725	0.321689	-3.1086	2.48971	8.19263	2.92497	1
cg10472064	CACNA2D2;CACNA2D2	0.106742	0.975168	1.00633	1.00633	0.931606	1.01756	1.01756	0.021297	0.570399	-1.75316	0.817407	1.04803	1.04803	0.162656	1.35302	1.35302	0.794444	0.948413	-1.05439	0.707063	1.07959	1.07959	0.342578	1.21939	1.21939	0.0180961	0.558605	-1.79017	2.48966	1.62245	0.579268	1
cg09203199	CES2;CES2	0.106744	0.986119	1.00509	1.00509	0.00819801	2.68518	2.68518	0.0102787	2.57128	2.57128	0.638682	1.14809	1.14809	0.72511	1.10859	1.10859	0.864331	0.951289	-1.0512	0.603041	1.16556	1.16556	0.353724	1.32131	1.32131	0.593293	1.17048	1.17048	2.48964	3.36205	1.20037	1
cg05648582	LOC100129066	0.106747	0.0224655	0.558382	-1.79089	0.990356	0.997427	-1.00258	0.176211	0.736039	-1.35862	0.762964	1.06659	1.06659	0.0305204	0.581704	-1.71909	0.597944	1.12011	1.12011	0.394062	1.20449	1.20449	0.0699852	0.649336	-1.54003	0.695129	1.08757	1.08757	2.48961	1.79111	0.639498	1
cg00964908	TUBG2	0.106748	0.211493	0.847303	-1.18022	0.487577	0.915049	-1.09284	0.831531	1.02718	1.02718	0.492993	0.916089	-1.0916	0.121075	1.23566	1.23566	0.747137	1.04156	1.04156	0.010581	0.667147	-1.49892	0.48485	0.914523	-1.09347	0.120883	1.23582	1.23582	2.48959	0.624787	0.223075	1
cg22830663	POTEE	0.10675	0.0965669	0.494059	-2.02405	0.0596347	0.43976	-2.27397	0.100556	0.498957	-2.00418	0.664566	0.844832	-1.18367	0.0227946	0.34884	-2.86665	0.0906642	0.486539	-2.05533	0.166827	1.76765	1.76765	0.613512	0.821324	-1.21755	0.567859	0.800004	-1.24999	2.48958	5.88975	2.1029	1
cg25968569	KCTD12	0.106751	0.234863	0.664598	-1.50467	0.288547	1.43553	1.43553	0.123029	1.73022	1.73022	0.932869	1.02803	1.02803	0.0260339	0.420308	-2.37921	0.846095	0.938224	-1.06584	0.0339917	0.443922	-2.25265	0.345467	0.726998	-1.37552	0.613837	1.18171	1.18171	2.48957	4.24551	1.51584	1
cg14985421	RNF182;RNF182;RNF182;RNF182	0.106751	0.164497	0.47731	-2.09507	0.130606	0.44304	-2.25713	0.329781	0.60561	-1.65123	0.943389	1.03605	1.03605	0.00350848	0.138828	-7.20317	0.199809	0.508933	-1.96489	0.211575	0.518781	-1.9276	0.775689	1.15311	1.15311	0.368663	0.631007	-1.58477	2.48956	9.80483	3.50078	1
cg25714306	FAM53A	0.106752	0.111851	0.659276	-1.51681	0.0489292	0.582153	-1.71776	0.0929579	0.640992	-1.56008	0.714307	0.915334	-1.0925	0.0175481	0.498861	-2.00456	0.108297	0.656035	-1.52431	0.28728	1.30454	1.30454	0.52259	0.855629	-1.16873	0.844763	1.0483	1.0483	2.48956	2.28275	0.815049	1
cg13701327	USP6	0.106755	0.203407	0.540986	-1.84848	0.148639	0.492179	-2.03178	0.107025	0.447026	-2.237	0.866551	1.08	1.08	0.649688	0.811193	-1.23275	0.383684	0.664469	-1.50496	0.00609147	0.194251	-5.14798	0.046885	0.353075	-2.83226	0.15605	0.49935	-2.0026	2.48953	8.25678	2.94809	1
cg10955995	PPARGC1A	0.106759	0.0172907	0.287321	-3.48043	0.141013	0.506131	-1.97577	0.0652616	0.410604	-2.43544	0.446847	0.716427	-1.39582	0.194537	0.554181	-1.80446	0.205657	0.563121	-1.77582	0.018175	0.291261	-3.43334	0.671078	1.20169	1.20169	0.808047	0.900604	-1.11037	2.48948	7.294	2.60438	1
cg13264159	ERICH1	0.106763	0.366744	0.794082	-1.25932	0.483113	0.837586	-1.19391	0.476758	0.835353	-1.1971	0.0237298	0.511051	-1.95675	0.971001	0.991002	-1.00908	0.500947	1.18514	1.18514	0.0142189	2.12137	2.12137	0.65781	1.11722	1.11722	0.91493	0.97378	-1.02693	2.48945	2.43786	0.87047	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13183628	GLTPD1;CPSF3L	0.106764	0.17912	1.35068	1.35068	0.00893777	0.496323	-2.01482	0.434619	1.18284	1.18284	0.728983	1.07602	1.07602	0.347448	1.22602	1.22602	0.174012	0.737397	-1.35612	0.882675	0.969373	-1.03159	0.80603	1.05319	1.05319	0.184276	1.34535	1.34535	2.48943	1.74932	0.62462	1
cg12595990	ARF3	0.106768	0.614908	0.902223	-1.10837	0.682827	0.920044	-1.0869	0.469616	1.16093	1.16093	0.433016	1.17621	1.17621	0.875021	0.968577	-1.03244	0.309433	1.23783	1.23783	0.00349731	0.447703	-2.23362	0.485793	0.86618	-1.15449	0.342464	0.820047	-1.21944	2.48939	1.6222	0.579239	1
cg15711240	CCDC7;C10orf68;CCDC7	0.106769	0.226862	0.727271	-1.375	0.112257	0.64791	-1.54342	0.299081	0.763281	-1.31013	0.278162	1.32716	1.32716	0.598422	1.1427	1.1427	0.0838012	1.61649	1.61649	0.0423841	1.79811	1.79811	0.0990054	1.57453	1.57453	0.736303	1.08853	1.08853	2.48938	2.48372	0.886869	1
cg01737667	ADAMTS18	0.10677	0.732275	0.882473	-1.13318	0.0747802	0.48549	-2.05977	0.00576538	0.267876	-3.73308	0.19201	0.604816	-1.65339	0.761996	1.11694	1.11694	0.900635	1.04653	1.04653	0.907249	1.04335	1.04335	0.105057	0.524733	-1.90573	0.160915	0.579706	-1.72501	2.48937	5.22641	1.86621	1
cg12407645	LYG1	0.106774	0.0347282	0.490275	-2.03967	0.573785	1.17889	1.17889	0.973858	1.00953	1.00953	0.434026	0.793616	-1.26005	0.00834222	0.376746	-2.65431	0.940244	1.02195	1.02195	0.266341	1.39845	1.39845	0.528279	0.831093	-1.20323	0.299311	0.732355	-1.36546	2.48933	3.30585	1.18045	1
cg00911981	ATR	0.106774	0.0900528	0.797855	-1.25336	0.648424	1.05706	1.05706	0.00712561	1.52214	1.52214	0.169542	0.837883	-1.19348	0.718928	0.957256	-1.04465	0.437828	0.908771	-1.10039	0.937669	1.0095	1.0095	0.849195	0.977254	-1.02328	0.640181	1.05856	1.05856	2.48933	0.576019	0.205685	1
cg13451048	ERI3	0.106775	0.131161	0.465779	-2.14694	0.059539	0.36901	-2.70995	0.0519508	0.354646	-2.81971	0.7089	1.19221	1.19221	0.022585	0.278002	-3.5971	0.26774	0.582042	-1.71809	0.0447291	0.339527	-2.94527	0.772048	1.14588	1.14588	0.231256	0.555069	-1.80158	2.48932	8.66426	3.09384	1
cg07285248	MRAS;MRAS	0.106776	0.10111	0.786045	-1.27219	0.851079	0.975113	-1.02552	0.291415	0.863471	-1.15812	0.803775	0.967169	-1.03395	0.540047	1.08674	1.08674	0.771594	1.0398	1.0398	0.00947228	1.55401	1.55401	0.256804	0.85325	-1.17199	0.192482	0.831132	-1.20318	2.48931	0.708867	0.253124	1
cg26465405	TLE2	0.106777	0.819335	0.868638	-1.15123	0.0500846	3.95589	3.95589	0.480621	1.55478	1.55478	0.321745	0.532515	-1.87788	0.0654614	0.280053	-3.57075	0.312443	0.525606	-1.90257	0.389222	0.580901	-1.72146	0.02237	0.185507	-5.39062	0.463215	0.631512	-1.5835	2.4893	14.9394	5.33463	1
cg10354512	WISP1;WISP1	0.10678	0.526079	1.09279	1.09279	0.308143	0.864419	-1.15685	0.0580254	0.743834	-1.34439	0.173137	0.818559	-1.22166	0.406909	1.12432	1.12432	0.0172477	1.49289	1.49289	0.350504	0.875705	-1.14194	0.694494	1.05603	1.05603	0.48272	1.10355	1.10355	2.48927	0.752109	0.26857	1
cg04628197	ADAT2;PEX3	0.106781	0.364937	1.1464	1.1464	0.711664	1.056	1.056	0.996044	1.00073	1.00073	0.554195	1.09178	1.09178	0.160939	1.24578	1.24578	0.130208	1.2711	1.2711	0.00680301	0.597718	-1.67303	0.52564	0.909931	-1.09898	0.926756	1.01359	1.01359	2.48926	0.849151	0.303223	1
cg19266265	SLC39A10;SLC39A10	0.106782	0.457931	0.809078	-1.23597	0.00980402	2.58015	2.58015	0.0196095	2.25324	2.25324	0.839231	0.944791	-1.05844	0.644721	0.878164	-1.13874	0.726299	1.10329	1.10329	0.553828	1.18257	1.18257	0.898086	1.03647	1.03647	0.25857	1.39326	1.39326	2.64309	3.2017	0.942157	1
cg20016914	C14orf181	0.106786	0.651072	1.17651	1.17651	0.914322	1.03917	1.03917	0.573962	1.22485	1.22485	0.302794	1.4639	1.4639	0.869516	0.942991	-1.06046	0.669522	0.857882	-1.16566	0.222957	0.633045	-1.57967	0.0033061	0.239645	-4.17283	0.813259	1.08816	1.08816	2.48921	5.02537	1.79454	1
cg20421672	ATP6V1H;ATP6V1H;ATP6V1H	0.106789	0.0352814	0.470742	-2.12431	0.0200703	0.422292	-2.36803	0.123458	0.598831	-1.66992	0.469992	0.797812	-1.25343	0.0685299	0.534383	-1.87132	0.0522893	0.507466	-1.97057	0.189358	0.652292	-1.53306	0.512218	0.81524	-1.22663	0.580133	1.18734	1.18734	2.48918	3.72319	1.32956	1
cg19339916	FMN1	0.10679	0.680219	0.90761	-1.1018	0.170797	1.40656	1.40656	0.0525654	0.597187	-1.67452	0.177095	0.71493	-1.39874	0.952016	1.01418	1.01418	0.206041	1.36616	1.36616	0.0709369	1.60307	1.60307	0.0998507	0.655867	-1.5247	0.377619	0.809165	-1.23584	2.48917	2.15688	0.770228	1
cg10116443	SLC22A9	0.106791	0.0565357	0.16365	-6.11059	0.109016	0.230986	-4.32926	0.0391599	0.135166	-7.39829	0.0673994	0.179359	-5.57542	0.281441	0.391184	-2.55634	0.0389034	0.134704	-7.42368	0.154591	0.278731	-3.58769	0.131014	0.254837	-3.92407	0.0301057	0.117826	-8.48712	2.48916	27.7142	9.89686	1
cg13546858	SAMD11	0.106791	0.0187542	15.9189	15.9189	0.0910929	6.10103	6.10103	0.214371	3.56166	3.56166	0.0417561	9.78231	9.78231	0.0532339	8.44892	8.44892	0.556722	1.78176	1.78176	0.103953	5.62696	5.62696	0.849623	0.831568	-1.20255	0.0810425	6.55148	6.55148	2.48916	37.2244	13.293	1
cg08114617	TRPV4;TRPV4	0.106792	0.380233	1.47399	1.47399	0.307901	0.634495	-1.57606	0.668903	1.20374	1.20374	0.0505035	2.61357	2.61357	0.0363717	2.8537	2.8537	0.0321131	2.95071	2.95071	0.153363	1.93283	1.93283	0.0597733	2.49826	2.49826	0.659907	1.21031	1.21031	2.48915	7.32446	2.6156	1
cg21949305	C22orf45;ADORA2A	0.106792	0.127492	0.393587	-2.54074	0.903112	1.07133	1.07133	0.786027	0.857304	-1.16645	0.292875	0.539342	-1.85411	0.0261898	0.224822	-4.44796	0.563567	0.718654	-1.39149	0.0154514	0.186158	-5.37179	0.0399627	0.260969	-3.83187	0.126849	0.392867	-2.54539	2.48915	12.6206	4.50689	1
cg19535896	ZSWIM2;ZSWIM2	0.106795	0.784386	1.12362	1.12362	0.0144136	0.277599	-3.60232	0.262558	0.608709	-1.64282	0.0447245	2.66243	2.66243	0.752525	0.874218	-1.14388	0.529852	1.31056	1.31056	0.644431	1.21834	1.21834	0.162554	0.53069	-1.88434	0.411976	0.700135	-1.4283	2.48912	7.11937	2.5424	1
cg09120609	CADPS2;CADPS2;CADPS2	0.106796	0.711244	1.1639	1.1639	0.288741	0.637921	-1.56759	0.0117942	0.277006	-3.61004	0.147736	0.530486	-1.88507	0.143104	0.526041	-1.90099	0.799337	1.10958	1.10958	0.034854	0.36646	-2.72881	0.0695101	0.436604	-2.2904	0.489278	0.750721	-1.33205	2.48911	6.56849	2.34569	1
cg16527334	CDK6	0.106796	0.258539	0.829005	-1.20626	0.0712285	1.37787	1.37787	0.0195297	1.5667	1.5667	0.543145	1.10286	1.10286	0.85597	0.971512	-1.02932	0.194015	1.24432	1.24432	0.135294	0.774071	-1.29187	0.829477	1.03491	1.03491	0.311837	0.846677	-1.18109	2.48911	0.997553	0.356238	1
cg23222617	FOXN3;FOXN3	0.106798	0.408193	0.541423	-1.84698	0.0459679	5.25341	5.25341	0.0448251	5.31331	5.31331	0.936493	0.943843	-1.0595	0.0364404	0.171434	-5.83314	0.766714	1.24083	1.24083	0.397229	1.87518	1.87518	0.270873	2.29654	2.29654	0.687179	0.745577	-1.34124	2.48909	20.7362	7.40519	1
cg07749079	WDR43	0.106798	0.39168	0.818534	-1.2217	0.0793706	0.641244	-1.55947	0.907877	0.973933	-1.02676	0.87346	0.964286	-1.03704	0.848561	0.957319	-1.04458	0.0426564	0.587148	-1.70315	0.0116475	0.487037	-2.05323	0.813402	1.05543	1.05543	0.209108	1.35268	1.35268	2.48908	2.05233	0.732919	1
cg11949335	TTC22	0.106799	0.02224	16.8444	16.8444	0.193403	4.12985	4.12985	0.063623	8.57613	8.57613	0.065617	8.40806	8.40806	0.176854	4.39008	4.39008	0.79719	1.30393	1.30393	0.662258	1.57292	1.57292	0.202932	3.99527	3.99527	0.0154811	21.3418	21.3418	2.48908	41.8641	14.9503	1
cg03097336	LRRC50;LRRC50;HSDL1;HSDL1	0.106801	0.82313	1.08559	1.08559	0.240282	0.636972	-1.56993	0.895496	0.952934	-1.04939	0.842104	0.929446	-1.07591	?	?	?	0.0442361	0.428347	-2.33455	0.0128034	0.321668	-3.1088	0.545299	1.25176	1.25176	0.0728077	0.479897	-2.08378	2.51529	4.76535	1.89455	1
cg12141659	KCNQ1;KCNQ1	0.106803	0.0442804	0.276677	-3.61433	0.0612531	0.30949	-3.23112	0.107007	0.375873	-2.66047	0.0677904	0.320545	-3.11969	0.0334529	0.251109	-3.98234	0.272986	0.530217	-1.88602	0.0597323	0.306812	-3.25933	0.0522896	0.293025	-3.41268	0.134361	0.40748	-2.45411	2.48903	12.1915	4.35386	1
cg19887750	CXXC1;CXXC1	0.106807	0.290783	0.731537	-1.36698	0.845951	0.946045	-1.05703	0.0289853	0.479959	-2.08351	0.893838	0.962643	-1.03881	0.0515865	0.531636	-1.88099	0.303547	0.737959	-1.35509	0.0155174	0.428923	-2.33142	0.0435573	0.515947	-1.93818	0.686986	0.890913	-1.12244	2.489	3.20526	1.14468	1
cg20286147	C16orf90	0.106807	0.758615	0.946849	-1.05613	0.992494	1.00167	1.00167	0.689034	1.07388	1.07388	0.226276	1.25248	1.25248	0.00498799	0.517637	-1.93185	0.740757	1.0606	1.0606	0.160308	1.30445	1.30445	0.793852	0.954658	-1.0475	0.331518	0.837342	-1.19426	2.48899	1.23763	0.441992	1
cg23991845	PRDM5	0.10681	0.640271	1.29099	1.29099	0.221027	0.49751	-2.01001	0.375381	0.610361	-1.63837	0.0883391	2.77434	2.77434	0.761325	1.17977	1.17977	0.501118	1.44852	1.44852	0.0324514	3.89122	3.89122	0.0267288	4.15572	4.15572	0.150896	2.30566	2.30566	2.48896	11.6086	4.14579	1
cg27067419	PPAP2A;RNF138P1;PPAP2A	0.10681	0.689539	1.07357	1.07357	0.932493	1.01509	1.01509	0.427691	1.15391	1.15391	0.234072	0.802096	-1.24673	0.629128	1.08984	1.08984	0.998366	0.999638	-1.00036	0.00356486	0.49757	-2.00977	0.517656	1.12295	1.12295	0.473718	1.13748	1.13748	2.48896	1.23196	0.439974	1
cg04694725	ZNF707;ZNF707;ZNF707	0.106811	0.0704063	0.664919	-1.50394	0.0287504	1.68289	1.68289	0.195337	1.31836	1.31836	0.598129	1.11331	1.11331	0.470361	0.86226	-1.15974	0.56135	1.12583	1.12583	0.0336488	1.64989	1.64989	0.712988	0.928155	-1.07741	0.880993	1.03069	1.03069	2.48895	1.60527	0.573298	1
cg14660784	ATG5	0.106812	0.648239	0.938975	-1.06499	0.329058	0.871019	-1.14808	0.319428	0.868445	-1.15148	0.116106	0.791276	-1.26378	0.667821	1.06097	1.06097	0.739886	1.04674	1.04674	0.0124563	1.53156	1.53156	0.15554	0.81194	-1.23162	0.176799	0.821335	-1.21753	2.48894	0.740813	0.26457	1
cg20475550	PPP1R3C	0.106813	0.904762	1.0171	1.0171	0.478686	0.903029	-1.10738	0.327828	1.15379	1.15379	0.517812	0.911322	-1.09731	0.369413	0.877611	-1.13946	0.128687	0.792507	-1.26182	0.00447049	0.584529	-1.71078	0.449088	1.11544	1.11544	0.735112	1.04927	1.04927	2.48893	0.790658	0.282373	1
cg00791764	RASL11B	0.106815	0.650849	1.31401	1.31401	0.239735	2.09146	2.09146	0.20201	2.24218	2.24218	0.297962	1.9092	1.9092	0.0444193	0.250652	-3.9896	0.936811	0.953587	-1.04867	0.170793	0.4172	-2.39693	0.0475773	3.88891	3.88891	0.135204	2.62528	2.62528	2.48891	14.1613	5.05757	1
cg24450194	GPR124	0.106815	0.0366606	0.295807	-3.38058	0.153952	0.464977	-2.15064	0.127754	0.437734	-2.28449	0.835583	0.900986	-1.1099	0.0266586	0.267731	-3.73509	0.453516	0.681756	-1.4668	0.459692	0.685455	-1.45889	0.0269712	0.268714	-3.72143	0.0439196	0.312948	-3.19542	2.48891	9.92175	3.54345	1
cg17462200	TBX5;TBX5;TBX5;TBX5	0.106817	0.0688819	0.204359	-4.89334	0.0942531	4.19883	4.19883	0.994884	0.995012	-1.00501	0.294139	0.427982	-2.33655	0.172896	0.322626	-3.09956	0.503264	1.69861	1.69861	0.0186162	0.108073	-9.25303	0.764003	1.2647	1.2647	0.280359	0.41678	-2.39935	2.48889	23.9784	8.5637	1
cg19287917	PNPLA1;PNPLA1;PNPLA1	0.106819	0.485114	0.782276	-1.27832	0.405848	0.745008	-1.34227	0.219895	0.639854	-1.56286	0.896369	0.955896	-1.04614	0.00416533	0.264683	-3.7781	0.650194	1.1712	1.1712	0.0756299	0.504327	-1.98284	0.130118	0.567838	-1.76107	0.253464	0.661781	-1.51107	2.48887	4.72282	1.68673	1
cg19018709	C10orf95	0.106821	0.0471977	0.35551	-2.81286	0.655818	1.22666	1.22666	0.212026	1.81976	1.81976	0.680676	0.828235	-1.20739	0.0723825	0.401272	-2.49208	0.102088	0.442693	-2.2589	0.0262293	0.30094	-3.32293	0.368724	0.656751	-1.52265	0.205013	0.543889	-1.83861	2.48886	8.17557	2.91989	1
cg08248014	SEL1L	0.106824	0.0330357	0.546363	-1.83028	0.0605012	0.598527	-1.67077	0.0170801	0.494087	-2.02393	0.852508	0.95587	-1.04617	0.408466	0.814629	-1.22755	0.897297	1.03181	1.03181	0.707364	1.09576	1.09576	0.535697	1.16427	1.16427	0.102411	0.648289	-1.54252	2.48883	2.31798	0.827872	1
cg03330522	MECOM;MECOM;MECOM;MECOM;MECOM;MECOM	0.106826	0.475817	0.748287	-1.33639	0.179828	0.565702	-1.76771	0.0156343	0.305674	-3.27146	0.972636	0.986376	-1.01381	0.0939647	0.478803	-2.08854	0.743761	1.14016	1.14016	0.0432669	0.394655	-2.53386	0.278131	0.636988	-1.56989	0.0324815	0.367489	-2.72117	2.4888	6.30392	2.25148	1
cg09102997	NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NAT1	0.106832	0.848763	0.923889	-1.08238	0.552579	0.779476	-1.28291	0.79868	0.899442	-1.1118	0.195431	1.76436	1.76436	0.899024	1.05405	1.05405	0.0523037	2.49726	2.49726	0.0180307	3.29141	3.29141	0.031399	2.84837	2.84837	0.172864	1.82485	1.82485	2.48874	6.77735	2.42062	1
cg00796364	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.106833	0.996306	0.9993	-1.0007	0.389447	1.14278	1.14278	0.392529	1.14174	1.14174	0.0704656	0.736427	-1.35791	0.354013	0.865627	-1.15523	0.106336	0.765774	-1.30587	0.286574	0.845806	-1.1823	0.00984189	0.610352	-1.6384	0.717412	1.05654	1.05654	2.48873	0.90263	0.322389	1
cg09582219	CHERP	0.106837	0.19288	0.747538	-1.33772	0.850657	1.0406	1.0406	0.687887	1.08901	1.08901	0.0407248	1.6468	1.6468	0.183887	0.742548	-1.34671	0.476212	0.858167	-1.16527	0.0230777	1.77484	1.77484	0.272815	0.785851	-1.27251	0.765666	0.938839	-1.06515	2.48869	1.75725	0.627638	1
cg10754794	CPEB3	0.106838	0.673787	1.25733	1.25733	0.0169309	4.83306	4.83306	0.0082202	6.22483	6.22483	0.892615	1.07579	1.07579	0.747221	1.19113	1.19113	0.421207	1.55957	1.55957	0.0741407	2.93381	2.93381	0.252614	1.90846	1.90846	0.587715	1.34455	1.34455	2.48868	11.5296	4.11806	1
cg10539507	NKX6-1	0.106843	0.0758616	0.624993	-1.60002	0.707964	1.09365	1.09365	0.0876033	1.56609	1.56609	0.0620805	1.64828	1.64828	0.831274	0.950506	-1.05207	0.130268	0.677888	-1.47517	0.969108	1.00926	1.00926	0.247839	1.33298	1.33298	0.12562	0.674145	-1.48336	2.48863	2.23067	0.796752	1
cg13794334	RAD23B	0.106845	0.508116	1.14218	1.14218	0.741623	1.06771	1.06771	0.208348	1.30037	1.30037	0.31804	0.815165	-1.22675	0.30041	0.808571	-1.23675	0.36848	1.20071	1.20071	0.0577876	0.653916	-1.52925	0.0657335	1.50518	1.50518	0.044678	1.57841	1.57841	2.48861	1.54544	0.552006	1
cg25497850	SELO	0.106845	0.303058	0.633798	-1.57779	0.285677	1.60641	1.60641	0.100837	2.15588	2.15588	0.0486572	0.38188	-2.61863	0.180886	0.544826	-1.83545	0.0624903	0.408117	-2.45028	0.0833748	0.440738	-2.26892	0.86247	1.07693	1.07693	0.586026	0.790513	-1.265	2.48861	7.20216	2.57249	1
cg07907517	PSORS1C3	0.106846	0.0168792	0.204534	-4.88916	0.714801	0.818885	-1.22117	0.187471	0.467398	-2.1395	0.856021	0.905847	-1.10394	0.0110768	0.176511	-5.66538	0.109409	0.386621	-2.58651	0.147031	0.428585	-2.33326	0.369689	0.605577	-1.65132	0.139786	0.421032	-2.37512	2.4886	11.6831	4.17304	1
cg02024446	RPP38;C10orf111;RPP38;RPP38	0.106846	0.653893	1.2751	1.2751	0.0524426	3.27921	3.27921	0.139625	2.35367	2.35367	0.276462	0.543587	-1.83963	0.559756	1.37378	1.37378	0.63429	0.772553	-1.29441	0.0131258	0.190844	-5.23989	0.901362	0.935411	-1.06905	0.930685	1.04796	1.04796	2.48859	11.4287	4.08216	1
cg18428134	C9orf4	0.106847	0.367742	1.31556	1.31556	0.165978	0.645386	-1.54946	0.169972	1.54231	1.54231	0.1543	1.57149	1.57149	0.165397	0.644947	-1.55052	0.697457	0.890648	-1.12278	0.0283853	0.464416	-2.15324	0.365272	0.758997	-1.31753	0.217032	1.46965	1.46965	2.48859	3.46336	1.23706	1
cg01123957	NPAS3;NPAS3;NPAS3;NPAS3	0.106849	0.0226398	0.161748	-6.18245	0.177048	0.383761	-2.60579	0.460725	0.605751	-1.65084	0.206177	0.410627	-2.4353	0.0955207	0.29454	-3.39512	0.309437	0.495543	-2.01799	0.00850395	0.10627	-9.41003	0.761586	0.816183	-1.22522	0.113844	0.317191	-3.15267	2.48857	17.5606	6.27246	1
cg11335664	NUDT15	0.106849	0.028548	0.596337	-1.6769	0.444534	0.855606	-1.16876	0.321543	1.2274	1.2274	0.0788151	0.67671	-1.47774	0.746318	1.0671	1.0671	0.0411016	0.624047	-1.60244	0.696592	1.08156	1.08156	0.228647	1.28761	1.28761	0.575699	1.11978	1.11978	2.48856	1.57771	0.563542	1
cg25245082	KIRREL3;KIRREL3	0.106851	0.282962	0.709436	-1.40957	0.760778	0.910315	-1.09852	0.0163229	0.405141	-2.46827	0.0348175	0.469093	-2.13177	0.336565	0.737205	-1.35647	0.522611	1.22065	1.22065	0.372017	0.754251	-1.32582	0.0830053	0.553981	-1.80512	0.266635	1.42781	1.42781	2.48854	3.73186	1.33299	1
cg16589807	CFDP1	0.106852	0.335551	1.41713	1.41713	0.582821	0.823041	-1.21501	0.0076392	0.299996	-3.33338	0.437378	1.32066	1.32066	0.681886	1.15568	1.15568	0.710883	0.877469	-1.13964	0.0644053	2.07393	2.07393	0.503311	1.26929	1.26929	0.632909	1.18405	1.18405	2.48854	4.85783	1.73518	1
cg01803238	BCL2;BCL2	0.106853	0.914763	1.02201	1.02201	0.127552	1.39805	1.39805	0.559734	0.886977	-1.12742	0.0108294	0.52163	-1.91707	0.62015	1.10695	1.10695	0.156415	1.3611	1.3611	0.105025	0.697522	-1.43365	0.940933	1.01518	1.01518	0.81976	1.04751	1.04751	2.48853	1.6299	0.58219	1
cg25571184	METTL1;METTL1;FAM119B;FAM119B	0.106858	0.690013	1.05727	1.05727	0.608293	1.07445	1.07445	0.329899	1.14989	1.14989	0.785464	1.03863	1.03863	0.989102	0.998105	-1.0019	0.282303	0.856249	-1.16788	0.00999353	0.636478	-1.57115	0.0406728	1.38857	1.38857	0.921555	0.986411	-1.01378	2.48848	0.760452	0.271635	1
cg11758345	TMEM105	0.106862	0.558185	0.868688	-1.15116	0.118375	0.668286	-1.49637	0.0429483	0.574777	-1.7398	0.84994	1.04606	1.04606	0.260158	0.756376	-1.32209	0.524099	0.857724	-1.16588	0.020256	1.9454	1.9454	0.194703	0.721728	-1.38556	0.966144	1.01014	1.01014	2.48843	2.22726	0.795596	1
cg14504636	AP2A2	0.106864	0.465063	0.639319	-1.56416	0.377531	1.72429	1.72429	0.0917577	3.05583	3.05583	0.0501418	0.260863	-3.83343	0.0159574	0.169414	-5.90269	0.55715	1.4294	1.4294	0.606927	0.731807	-1.36648	0.991838	1.00617	1.00617	0.434905	0.619181	-1.61504	2.48842	14.268	5.09669	1
cg13235287	FBLN2;FBLN2;FBLN2	0.106864	0.236775	0.819457	-1.22032	0.287047	1.19431	1.19431	0.962448	1.00759	1.00759	0.098322	1.33807	1.33807	0.281383	0.835407	-1.19702	0.807305	1.04003	1.04003	0.0178135	1.5884	1.5884	0.237709	0.819812	-1.21979	0.201556	0.805223	-1.24189	2.48842	1.01689	0.363245	1
cg21052325	GPR133	0.106864	0.295868	1.63741	1.63741	0.133456	2.08835	2.08835	0.0617891	2.60374	2.60374	0.82987	1.10284	1.10284	0.612537	1.26155	1.26155	0.907257	1.05445	1.05445	0.0268225	0.303261	-3.29749	0.0698379	2.51499	2.51499	0.223992	1.78808	1.78808	2.48841	8.15625	2.91351	1
cg18919684	SCAMP5	0.106864	0.632448	1.16424	1.16424	0.19215	1.54601	1.54601	0.0405816	2.10906	2.10906	0.0409749	2.10507	2.10507	0.581747	0.83898	-1.19192	0.853514	0.94334	-1.06006	0.433905	0.777255	-1.28658	0.52996	0.818085	-1.22237	0.0256619	2.30813	2.30813	2.48841	3.92493	1.40203	1
cg27423323	PTPRA;PTPRA;PTPRA	0.106865	0.233532	0.639024	-1.56489	0.17576	0.59681	-1.67558	0.07234	0.487244	-2.05236	0.687304	0.864956	-1.15613	0.187407	0.605961	-1.65027	0.145145	0.570669	-1.75233	0.10042	1.90647	1.90647	0.0603826	2.13683	2.13683	0.848414	0.933692	-1.07102	2.4884	5.06611	1.80968	1
cg06047995	H1FX;C3orf47	0.106867	0.291409	0.870346	-1.14897	0.729735	1.04497	1.04497	0.0482035	1.33161	1.33161	0.265257	0.863064	-1.15866	0.108162	0.800656	-1.24898	0.836785	1.02651	1.02651	0.0317794	0.726697	-1.37609	0.565483	1.07648	1.07648	0.132052	0.813685	-1.22898	2.48839	0.634093	0.226508	1
cg23362667	DSTYK;DSTYK	0.106867	0.0936054	0.711627	-1.40523	0.431303	1.15973	1.15973	0.0222218	0.603096	-1.65811	0.370817	0.84405	-1.18476	0.299534	0.820074	-1.2194	0.37436	0.845164	-1.1832	0.0259261	0.613968	-1.62875	0.591887	0.90498	-1.105	0.250805	1.2478	1.2478	2.48838	1.34144	0.479182	1
cg01789980	WWC1;WWC1;WWC1	0.106868	0.0542405	0.351438	-2.84545	0.0499818	0.342999	-2.91546	0.573534	0.761665	-1.31291	0.357672	0.635836	-1.57273	0.0259081	0.28198	-3.54635	0.148683	0.476406	-2.09905	0.0241832	0.276206	-3.62049	0.0711764	0.381058	-2.62427	0.688564	0.824591	-1.21272	2.48838	9.03093	3.226	1
cg16206838	SLC25A26	0.106871	0.233289	0.670702	-1.49097	0.0205298	2.43999	2.43999	0.0194589	2.46653	2.46653	0.654641	1.15478	1.15478	0.997811	1.00088	1.00088	0.540912	0.820505	-1.21876	0.257197	0.68527	-1.45928	0.850357	0.94142	-1.06222	0.938925	0.975806	-1.02479	2.48834	4.02583	1.43811	1
cg02530350	CNTNAP2	0.106872	0.659853	1.06765	1.06765	?	?	?	0.983436	1.00307	1.00307	0.222064	1.20886	1.20886	0.919011	1.01515	1.01515	0.231585	1.20376	1.20376	0.424131	0.886345	-1.12823	0.00543202	1.71718	1.71718	0.11188	1.2916	1.2916	2.51454	0.773302	0.307532	1
cg05100916	IFRD1;IFRD1;IFRD1	0.106872	0.138104	0.856247	-1.16789	0.683911	1.04059	1.04059	0.631529	0.954119	-1.04809	0.0240116	0.769753	-1.29912	0.800332	1.02494	1.02494	0.0494853	0.804226	-1.24343	0.0392591	0.793064	-1.26093	0.937397	0.992394	-1.00766	0.282904	1.11455	1.11455	2.48833	0.372345	0.13301	1
cg16024937	ACOX1;ACOX1	0.106876	0.947296	1.02623	1.02623	0.429993	0.729426	-1.37094	0.0197062	0.331832	-3.01358	0.927033	1.03652	1.03652	0.444831	0.737088	-1.35669	0.558568	0.793199	-1.26072	0.00836809	0.267277	-3.74143	0.984705	1.00754	1.00754	0.0820988	0.470289	-2.12635	2.4883	6.04454	2.15928	1
cg23159296	SREBF1;SREBF1	0.106876	0.534786	0.690409	-1.44842	0.036717	4.17982	4.17982	0.0325824	4.36713	4.36713	0.149607	0.402324	-2.48556	0.960097	1.02993	1.02993	0.0971265	2.92423	2.92423	0.311622	0.53961	-1.85319	0.399105	1.66322	1.66322	0.865704	1.1049	1.1049	2.48829	13.6876	4.88961	1
cg08608215	ANKS1B;ANKS1B	0.106878	0.287097	1.19989	1.19989	0.117061	0.75527	-1.32403	0.326826	1.18162	1.18162	0.45079	0.88102	-1.13505	0.662535	1.07508	1.07508	0.470026	0.885886	-1.12881	0.00631899	0.556401	-1.79726	0.235712	0.814755	-1.22736	0.639939	0.925267	-1.08077	2.48827	1.07111	0.382636	1
cg06267626	POLQ	0.106882	0.428033	0.863229	-1.15844	0.787648	1.0503	1.0503	0.151983	1.32175	1.32175	0.00900865	0.546865	-1.82861	0.737482	0.940686	-1.06305	0.770658	1.05457	1.05457	0.459806	0.87215	-1.14659	0.0829581	1.41757	1.41757	0.536101	1.12062	1.12062	2.48823	1.30196	0.465108	1
cg08690859	FLJ32063	0.106884	0.0657442	4.9438	4.9438	0.317791	2.22373	2.22373	0.248808	2.54201	2.54201	0.117088	0.267798	-3.73416	0.0494924	5.66726	5.66726	0.470219	0.566342	-1.76572	0.22253	2.69692	2.69692	0.104652	3.94586	3.94586	0.330737	0.459908	-2.17435	2.48821	23.6045	8.43246	1
cg27574929	ELK4;ELK4	0.106885	0.0135227	0.0732862	-13.6451	0.71646	0.732092	-1.36595	0.876661	1.14201	1.14201	0.118438	4.25983	4.25983	0.0681818	5.73209	5.73209	0.157443	0.274582	-3.64191	0.805343	1.23504	1.23504	0.829994	1.20182	1.20182	0.869646	0.868992	-1.15076	2.4882	28.8061	10.2907	1
cg17985029	EYA4;EYA4;EYA4	0.106885	0.136354	2.66332	2.66332	0.874915	1.10093	1.10093	0.504865	1.51138	1.51138	0.515752	0.668826	-1.49516	0.0827663	3.2306	3.2306	0.837242	0.882012	-1.13377	0.011642	6.85306	6.85306	0.0302882	4.7328	4.7328	0.980641	1.01492	1.01492	2.4882	14.6816	5.24488	1
cg22229016	SEMA3B;SEMA3B	0.106886	0.151539	2.24651	2.24651	0.0193772	4.43378	4.43378	0.231119	1.93795	1.93795	0.614667	1.30653	1.30653	0.776698	1.16158	1.16158	0.365736	1.63149	1.63149	0.00827907	5.91995	5.91995	0.087299	2.703	2.703	0.257624	1.86311	1.86311	2.48819	10.9333	3.90586	1
cg05845292	SNN	0.106891	0.212481	2.07142	2.07142	0.155391	2.32355	2.32355	0.146871	2.37121	2.37121	0.969461	1.02146	1.02146	0.0914098	2.80353	2.80353	?	?	?	0.483563	1.48415	1.48415	0.0264584	0.232412	-4.3027	0.503919	0.686522	-1.45662	2.51435	10.886	4.32954	1
cg22354030	KBTBD11	0.106892	0.0949859	0.766094	-1.30532	0.505153	1.10318	1.10318	0.493721	0.903992	-1.1062	0.0708712	0.74596	-1.34055	0.757957	1.04591	1.04591	0.94554	0.990128	-1.00997	0.0108239	1.59169	1.59169	0.940714	1.01086	1.01086	0.624084	0.930782	-1.07437	2.48813	0.831072	0.296902	1
cg02390637	ITPRIP	0.106895	0.717841	0.923653	-1.08266	0.0919036	0.666243	-1.50095	0.937854	0.983079	-1.01721	0.605964	1.12062	1.12062	0.534242	1.14771	1.14771	0.00768026	0.472468	-2.11655	0.352197	0.810963	-1.2331	0.288933	1.27243	1.27243	0.116381	0.688374	-1.4527	2.4881	1.88754	0.674337	1
cg22817258	HSPG2	0.106895	0.018056	0.166771	-5.99623	0.478364	0.637954	-1.56751	0.250203	0.472671	-2.11563	0.273618	0.491407	-2.03497	0.0234002	0.184696	-5.4143	0.0937135	0.316792	-3.15665	0.279568	0.496068	-2.01585	0.131963	0.362777	-2.75652	0.0284301	0.199301	-5.01754	2.48809	15.3255	5.47515	1
cg17440014	HSD17B12	0.106896	0.116567	0.721044	-1.38688	0.948191	0.987614	-1.01254	0.0592531	1.50449	1.50449	0.838881	1.03982	1.03982	0.608875	0.905758	-1.10405	0.581787	0.898802	-1.11259	0.0104885	1.85483	1.85483	0.629001	0.910853	-1.09787	0.533703	0.886126	-1.12851	2.48809	1.44961	0.517883	1
cg16900964	NFATC1;NFATC1;NFATC1;NFATC1	0.106897	0.0628316	0.575392	-1.73795	0.104319	0.625712	-1.59818	0.857668	1.04854	1.04854	0.414975	0.8025	-1.24611	0.0360358	0.525234	-1.90391	0.482265	0.828133	-1.20754	0.0472253	0.549063	-1.82128	0.0165406	0.461576	-2.16649	0.230516	0.717377	-1.39397	2.48807	2.74756	0.981595	1
cg14793137	TPO;TPO;TPO;TPO	0.106899	0.437944	1.49788	1.49788	0.0382719	3.40817	3.40817	0.743422	0.845579	-1.18262	0.440459	1.49443	1.49443	0.352771	1.62953	1.62953	0.761522	0.856039	-1.16817	0.00793005	5.68971	5.68971	0.049202	3.14712	3.14712	0.589419	1.3208	1.3208	2.48806	10.2763	3.67135	1
cg19767215	SPINT2;SPINT2;SPINT2;SPINT2	0.1069	0.0941782	8.4252	8.4252	0.931458	1.10477	1.10477	0.0417877	15.1448	15.1448	0.429712	0.393131	-2.54368	0.369743	0.344088	-2.90623	0.588919	0.531581	-1.88118	0.525657	0.474814	-2.10609	0.0150284	31.875	31.875	0.794137	1.35375	1.35375	2.48805	52.8579	18.8842	1
cg12080906	NES	0.106902	0.0539783	0.248625	-4.02212	0.0168406	0.156368	-6.39517	0.028642	0.193472	-5.1687	0.26672	0.478911	-2.08807	0.0562538	0.252716	-3.95702	0.35131	0.543177	-1.84102	0.0898396	0.304326	-3.28595	0.137746	0.361702	-2.76471	0.395679	0.574967	-1.73923	2.48803	15.9516	5.69896	1
cg03705718	SLC16A14;SLC16A14	0.106902	0.872652	1.02628	1.02628	0.23872	1.2208	1.2208	0.170584	1.2661	1.2661	0.336203	0.851866	-1.17389	0.0291185	0.659845	-1.51551	0.724622	1.05885	1.05885	0.0321545	1.50042	1.50042	0.799762	0.959738	-1.04195	0.289838	0.837257	-1.19438	2.48802	1.03007	0.368011	1
cg10317380	HSPA8;HSPA8	0.106908	0.403834	0.776402	-1.28799	0.616602	1.16132	1.16132	0.0593526	0.532255	-1.8788	0.303013	0.72899	-1.37176	0.0156804	0.415812	-2.40493	0.162074	1.55626	1.55626	0.0673223	0.544761	-1.83567	0.961568	0.985825	-1.01438	0.845291	0.943763	-1.05959	2.48797	3.45878	1.23573	1
cg14394550	EGR3	0.10691	0.066473	13.2872	13.2872	0.196521	5.56446	5.56446	0.0236011	29.8879	29.8879	0.732222	0.6494	-1.53988	0.303899	3.81282	3.81282	0.704474	1.61439	1.61439	0.0289947	25.4159	25.4159	0.0323199	23.341	23.341	0.289345	3.9843	3.9843	2.48795	62.2502	22.2406	1
cg09196942	PRAMEF1;PRAMEF1	0.106911	0.070672	0.308746	-3.23891	0.166196	0.423583	-2.36081	0.0754052	0.316098	-3.16358	0.0927676	0.3409	-2.93341	0.0537897	0.279704	-3.57521	0.168436	0.425751	-2.34879	0.0342716	0.237642	-4.208	0.0236293	0.207576	-4.8175	0.149809	0.40723	-2.45562	2.48794	13.3389	4.76571	1
cg26080154	TOLLIP	0.106914	0.220686	1.59164	1.59164	0.0144363	2.96901	2.96901	0.0198738	2.75885	2.75885	0.798828	0.911933	-1.09657	0.726691	0.881025	-1.13504	0.906505	1.04332	1.04332	0.0578782	2.16839	2.16839	0.614679	1.20109	1.20109	0.996432	0.998387	-1.00162	2.48791	5.13416	1.83435	1
cg19798735	IMMP2L;LRRN3;LRRN3;LRRN3	0.106915	0.115805	0.684493	-1.46094	0.388938	0.822173	-1.21629	0.173669	1.37852	1.37852	0.987594	1.00345	1.00345	0.615091	0.893658	-1.119	0.0403455	0.591435	-1.6908	0.0497031	0.608671	-1.64292	0.0990747	0.669653	-1.49331	0.23382	1.3189	1.3189	2.4879	1.9378	0.692346	1
cg18043283	ACAD8	0.106916	0.113498	0.387875	-2.57815	0.737446	0.831082	-1.20325	0.0762452	0.337982	-2.95874	0.0352151	0.259522	-3.85324	0.0850672	0.350957	-2.84935	0.0592757	0.310057	-3.22522	0.0562361	0.304529	-3.28376	0.966878	1.0231	1.0231	0.0401292	0.271379	-3.68488	2.48788	11.9163	4.25753	1
cg26647524	KBTBD5	0.106917	0.364141	1.25904	1.25904	0.535894	1.16747	1.16747	0.0177512	0.490612	-2.03827	0.538799	0.857518	-1.16616	0.390466	1.24279	1.24279	0.0649413	1.66853	1.66853	0.180649	0.703894	-1.42067	0.927341	0.977723	-1.02278	0.174892	0.700188	-1.42819	2.48788	2.40405	0.858941	1
cg21584422	RASAL1;RASAL1	0.106921	0.172633	3.96244	3.96244	0.0217062	15.4627	15.4627	?	?	?	0.223737	3.34255	3.34255	0.367876	2.37744	2.37744	0.157473	4.20585	4.20585	0.0979535	0.175201	-5.70774	?	?	?	0.863184	1.1735	1.1735	2.91245	29.3802	8.64667	1
cg02295574	SLC12A7	0.106921	0.802346	0.935818	-1.06858	0.00953327	2.38308	2.38308	0.489821	1.20386	1.20386	0.707154	0.905005	-1.10497	0.158822	0.671446	-1.48932	0.662192	1.1233	1.1233	0.550194	1.17337	1.17337	0.549644	1.17363	1.17363	0.0631181	0.575313	-1.73818	2.48783	2.7561	0.984742	1
cg05563613	ZNF789;ZNF789	0.106924	0.0324532	0.358947	-2.78593	0.313241	1.53239	1.53239	0.202224	1.73496	1.73496	0.246513	0.609013	-1.642	0.183309	0.561157	-1.78203	0.377556	0.690379	-1.44848	0.0282891	0.346574	-2.88539	0.59922	0.804926	-1.24235	0.477973	1.34342	1.34342	2.48781	6.59811	2.35749	1
cg02637086	LTBP4;LTBP4;LTBP4	0.106924	0.0320194	0.213604	-4.68157	0.102438	0.333493	-2.99856	0.0595161	0.270664	-3.69462	0.666396	0.766053	-1.30539	0.0167583	0.166304	-6.01308	0.526383	0.674048	-1.48357	0.0486845	0.250688	-3.98902	0.265046	0.489809	-2.04161	0.132627	0.368952	-2.71038	2.4878	14.8768	5.31544	1
cg03045325	MACROD1;FLRT1	0.106925	0.403346	0.717158	-1.39439	0.0157194	0.316361	-3.16094	0.139686	0.539087	-1.85499	0.167915	1.77067	1.77067	0.065559	0.447773	-2.23327	0.0608696	0.439807	-2.27372	0.653894	0.839076	-1.19179	0.975313	1.0121	1.0121	0.853466	0.930642	-1.07453	2.48779	5.95516	2.12778	1
cg01324702	SIL1;SIL1	0.106928	0.305259	0.562348	-1.77826	0.98503	0.989878	-1.01023	0.727749	1.20865	1.20865	0.160863	2.25266	2.25266	0.0243071	0.233256	-4.28714	0.0337726	3.83489	3.83489	0.177804	2.17379	2.17379	0.554198	1.38323	1.38323	0.669846	1.26182	1.26182	2.48776	11.5842	4.13908	1
cg02871659	SNHG9;SNORA64;SNORA78;RPS2	0.106929	0.0317638	0.406941	-2.45736	0.623113	0.837841	-1.19354	0.284765	0.672417	-1.48717	0.235548	0.641447	-1.55897	0.32094	0.693304	-1.44237	0.376168	1.38319	1.38319	0.00899533	0.305319	-3.27526	0.209456	0.623443	-1.604	0.687672	1.15529	1.15529	2.48776	5.02677	1.79609	1
cg13522882	MAP4K4;MAP4K4;MAP4K4	0.10693	0.279376	1.64167	1.64167	0.828402	1.10041	1.10041	0.0390086	2.86667	2.86667	0.0178169	3.55985	3.55985	0.948807	1.02871	1.02871	0.737546	0.862219	-1.1598	0.474616	1.37783	1.37783	0.662139	1.21386	1.21386	0.0152355	3.71977	3.71977	2.48774	7.65526	2.73528	1
ch.3.1112796R	VPRBP	0.106931	0.0657814	0.554906	-1.80211	0.0190218	0.444905	-2.24767	0.0134858	0.417917	-2.39282	0.0615054	0.548325	-1.82373	0.228345	0.697204	-1.4343	0.356603	0.763016	-1.31059	0.421443	0.791144	-1.26399	0.732987	0.906933	-1.10262	0.250055	0.709714	-1.40902	2.48773	3.20626	1.14563	1
cg05280133	GATM;LOC145663	0.106932	0.70995	0.91587	-1.09186	0.313595	1.27783	1.27783	0.00394967	0.401725	-2.48927	0.476982	1.18542	1.18542	0.60585	0.884756	-1.13025	0.316304	1.27597	1.27597	0.578567	0.876346	-1.1411	0.894927	1.03157	1.03157	0.440719	1.20316	1.20316	2.48773	2.18017	0.778996	1
cg17790605	KCTD8	0.106934	0.745472	1.34858	1.34858	0.700068	1.42674	1.42674	0.723124	1.38625	1.38625	0.0934268	5.44178	5.44178	0.490394	1.90256	1.90256	0.0705673	0.156394	-6.3941	0.00975264	0.0497415	-20.104	0.968071	1.03743	1.03743	0.762722	0.757296	-1.32049	2.4877	33.212	11.8671	1
cg05843944	TMEM90A	0.106934	0.098776	1.666	1.666	0.739916	0.910335	-1.0985	0.870208	1.04719	1.04719	0.0123364	0.415354	-2.40758	0.0875938	1.70189	1.70189	0.402209	1.27348	1.27348	0.22706	1.42991	1.42991	0.857603	1.05195	1.05195	0.471711	1.22929	1.22929	2.4877	3.13292	1.11943	1
cg22475082	NLRP2	0.106934	0.205049	0.29975	-3.33611	0.00732251	0.044362	-22.5418	0.0645707	0.154019	-6.49271	0.567567	0.594157	-1.68306	0.0396637	0.117248	-8.52895	0.175203	0.272792	-3.66579	0.899407	1.1207	1.1207	0.896215	0.889059	-1.12478	0.259846	0.346785	-2.88363	2.4877	31.9871	11.4294	1
cg05537170	ACSF3;ACSF3;ACSF3	0.106935	0.982368	1.0046	1.0046	0.956801	1.0113	1.0113	0.12544	1.41067	1.41067	0.398046	1.19664	1.19664	0.272103	0.788856	-1.26766	0.0163332	0.54384	-1.83878	0.0842716	0.672837	-1.48624	0.176137	1.34768	1.34768	0.833773	0.957336	-1.04456	2.48769	1.69589	0.605966	1
cg10889556	KRT84	0.106936	0.464961	1.3373	1.3373	0.026192	2.8036	2.8036	0.0374339	0.389138	-2.56978	0.233921	1.6286	1.6286	0.251248	1.5976	1.5976	0.143513	1.84845	1.84845	0.583374	1.2417	1.2417	0.392505	0.710084	-1.40828	0.753891	0.884334	-1.1308	2.48768	6.01841	2.15048	1
cg11735605	IKZF2;IKZF2;IKZF2	0.10694	0.825794	1.04312	1.04312	0.230332	1.27252	1.27252	0.0444925	1.55567	1.55567	0.0141924	0.560214	-1.78503	0.817617	0.956726	-1.04523	0.159499	1.33361	1.33361	0.340616	1.20692	1.20692	0.831446	1.04166	1.04166	0.601116	1.1063	1.1063	2.48764	1.44496	0.516315	1
cg02758840	SHPRH;SHPRH	0.10694	0.19767	0.80775	-1.23801	0.183774	1.24746	1.24746	0.134604	1.2878	1.2878	0.393657	1.14683	1.14683	0.307658	0.847409	-1.18007	0.130693	0.774216	-1.29163	0.0291363	0.668231	-1.49649	0.645698	1.07528	1.07528	0.292438	1.1868	1.1868	2.48764	0.96858	0.346096	1
cg25114299	CSMD1	0.106946	0.597664	1.08233	1.08233	0.0169875	0.648958	-1.54093	0.0473314	0.713864	-1.40083	0.46063	0.89442	-1.11804	0.370822	0.872402	-1.14626	0.109156	0.771441	-1.29627	0.183922	0.811077	-1.23293	0.422552	0.885425	-1.1294	0.0237763	0.669766	-1.49306	2.48758	0.869314	0.310633	1
cg26609111	MTMR4;MTMR4	0.106947	0.238113	1.32728	1.32728	0.70765	0.917303	-1.09015	0.218899	1.34483	1.34483	0.629683	0.894653	-1.11775	0.00863729	0.464329	-2.15365	0.208039	0.737757	-1.35546	0.272279	1.2993	1.2993	0.220659	0.744512	-1.34316	0.834938	0.953317	-1.04897	2.48756	2.06828	0.739066	1
cg25481680	PCGF6;PCGF6;PCGF6;PCGF6	0.106948	0.408643	1.20276	1.20276	0.618981	0.896266	-1.11574	0.124634	1.4379	1.4379	0.619765	0.896489	-1.11546	0.0151044	1.91987	1.91987	0.934789	1.01804	1.01804	0.894148	0.971337	-1.02951	0.163082	1.38435	1.38435	0.0189949	1.85968	1.85968	2.48756	1.88014	0.671836	1
cg02856124	C3orf17;C3orf17;C3orf17	0.10695	0.19871	0.580593	-1.72238	0.00861461	0.261568	-3.8231	0.89407	1.05478	1.05478	0.406362	1.40501	1.40501	0.0672474	0.439991	-2.27277	0.4861	0.753278	-1.32753	0.0614852	0.430281	-2.32406	0.927256	1.03723	1.03723	0.984925	0.992465	-1.00759	2.48754	6.31364	2.25609	1
cg15833294	ACOXL;ACOXL;ACOXL	0.10695	0.0291779	3.49124	3.49124	0.265957	1.75748	1.75748	0.482592	1.41502	1.41502	0.141281	0.463214	-2.15883	0.711005	1.19846	1.19846	0.139224	0.461087	-2.16879	0.326033	0.610616	-1.63769	0.924462	0.954915	-1.04721	0.0565165	2.85835	2.85835	2.48754	9.32283	3.33139	1
cg06827611	ITPRIPL1;ITPRIPL1;ITPRIPL1;ITPRIPL1	0.10695	0.0777732	0.67281	-1.4863	0.345097	0.821519	-1.21726	0.22386	0.772326	-1.29479	0.581814	0.893636	-1.11902	0.0549342	0.643999	-1.5528	0.0176685	0.55797	-1.79221	0.525142	0.877933	-1.13904	0.710872	1.07818	1.07818	0.0203486	0.56815	-1.7601	2.48754	1.61034	0.575434	1
cg26623885	DPF1;DPF1;DPF1	0.10695	0.362904	1.2101	1.2101	0.952716	0.98798	-1.01217	0.393458	1.19514	1.19514	0.016048	1.82395	1.82395	0.193186	0.755169	-1.32421	0.467882	0.860164	-1.16257	0.020155	1.77095	1.77095	0.531339	1.13804	1.13804	0.590685	1.11709	1.11709	2.48753	1.63846	0.585483	1
cg24729690	CPLX2;CPLX2	0.106951	0.861214	0.923447	-1.08292	0.922531	0.956685	-1.04528	0.134106	0.47928	-2.08646	0.0990772	0.43904	-2.2777	0.597834	0.784786	-1.27423	?	?	?	0.0512896	2.74641	2.74641	0.0484652	2.79074	2.79074	0.3631	1.53038	1.53038	2.51372	7.33401	2.9176	1
cg02178151	STXBP6	0.106951	0.205149	0.768037	-1.30202	0.296118	0.807445	-1.23847	0.66162	1.09084	1.09084	0.173216	0.751178	-1.33124	0.517078	1.13846	1.13846	0.45253	0.859771	-1.1631	0.0372977	1.61156	1.61156	0.0304031	0.605115	-1.65258	0.213749	0.772241	-1.29493	2.48753	1.53554	0.548708	1
cg13432616	TSPYL4	0.106952	?	?	?	0.470652	1.51771	1.51771	0.0501113	0.280882	-3.56021	0.826889	0.882929	-1.13259	0.746794	1.20221	1.20221	0.0145049	0.180484	-5.54065	0.0616265	0.30217	-3.3094	0.94239	0.959746	-1.04194	0.266684	0.517946	-1.9307	2.51371	11.4366	4.54969	1
cg08462942	ATG4B;ATG4B	0.106953	0.955406	1.00866	1.00866	0.0546402	1.39974	1.39974	0.294089	1.18279	1.18279	0.406969	0.877341	-1.13981	0.841326	0.969552	-1.0314	0.644347	0.930802	-1.07434	0.00514675	1.76824	1.76824	0.852353	1.02916	1.02916	0.872798	0.975586	-1.02503	2.48751	0.937527	0.335017	1
cg25423829	SLC29A2	0.106955	0.762858	0.826203	-1.21036	0.763089	0.826362	-1.21012	0.0776321	0.290152	-3.44647	0.888519	1.09252	1.09252	0.00305381	0.0773245	-12.9325	0.644971	1.34005	1.34005	0.426811	0.599358	-1.66845	0.27914	0.491702	-2.03375	0.632955	0.738196	-1.35465	2.48748	15.6805	5.60332	1
cg13411897	TSEN2;TSEN2;TSEN2;TSEN2;TSEN2;TSEN2;TSEN2	0.106958	0.915278	0.987353	-1.01281	0.420092	1.10354	1.10354	0.500664	1.08519	1.08519	0.0726993	1.27059	1.27059	0.0128501	0.691066	-1.44704	0.249198	0.865845	-1.15494	0.573535	1.07039	1.07039	0.444527	1.09771	1.09771	0.17958	1.18588	1.18588	2.48746	0.563565	0.201389	1
cg06937357	PACS2;PACS2	0.106963	0.71259	0.821005	-1.21802	0.197986	2.06527	2.06527	0.787335	0.865771	-1.15504	0.893708	0.931222	-1.07386	0.206538	0.491567	-2.03431	0.65515	1.27076	1.27076	0.00675163	6.5005	6.5005	0.0689605	2.95897	2.95897	0.654392	1.27149	1.27149	2.48741	11.1934	4.00003	1
cg19689322	KCNQ4;KCNQ4	0.106963	0.146922	2.96345	2.96345	0.0672174	4.18463	4.18463	0.047264	4.87519	4.87519	0.430303	1.75382	1.75382	0.176523	2.72557	2.72557	0.395234	1.83609	1.83609	0.0146888	8.13463	8.13463	0.0363348	5.46404	5.46404	0.0906186	3.67327	3.67327	2.4874	19.186	6.85623	1
cg00239490	GABRP	0.106965	0.163451	0.663347	-1.50751	0.232247	0.707699	-1.41303	0.132627	0.63902	-1.5649	0.806728	0.934592	-1.06999	0.0752352	0.578874	-1.72749	0.0166897	0.44645	-2.23989	0.182978	0.677081	-1.47693	0.0192697	0.457833	-2.1842	0.0866553	0.593175	-1.68584	2.48738	3.00036	1.07221	1
cg11043146	KRTAP22-2;KRTAP6-3	0.106967	0.34985	0.81206	-1.23144	0.0988319	0.676037	-1.47921	0.41992	0.836716	-1.19515	0.363259	0.816984	-1.22401	0.0449267	1.64524	1.64524	0.31427	0.798412	-1.25249	0.0902087	0.667685	-1.49771	0.477163	0.855248	-1.16925	0.0278087	0.569782	-1.75506	2.48737	1.84363	0.658841	1
cg11107524	ZNF219	0.106967	0.30616	0.898657	-1.11277	0.561372	1.06102	1.06102	0.405712	0.917785	-1.08958	0.893506	0.986583	-1.0136	0.00899857	0.715366	-1.39789	0.490013	0.931725	-1.07328	0.303464	1.11348	1.11348	0.470169	0.92858	-1.07691	0.0268652	0.767655	-1.30267	2.48737	0.400693	0.143192	1
cg24232092	KIAA1530	0.106968	0.0957861	0.259418	-3.85479	0.0597043	0.208633	-4.79312	0.1033	0.268697	-3.72166	0.446464	0.564206	-1.7724	0.00573149	0.0691652	-14.4581	0.0883104	0.249825	-4.0028	0.37809	0.513247	-1.94838	0.33263	0.478488	-2.08992	0.21904	0.385445	-2.59441	2.48735	21.4289	7.65792	1
cg00353112	PLDN	0.106969	0.97025	1.00559	1.00559	0.0174032	1.54209	1.54209	0.195899	1.22703	1.22703	0.12744	0.781481	-1.27962	0.898394	0.981071	-1.01929	0.375884	0.872893	-1.14562	0.560086	1.09215	1.09215	0.107498	1.30053	1.30053	0.0865764	1.32734	1.32734	2.48735	0.88153	0.315027	1
cg27619813	FBXL19	0.106969	0.112292	0.357872	-2.7943	0.00893081	7.22039	7.22039	0.207752	2.20224	2.20224	0.741656	0.821505	-1.21728	0.359832	0.571474	-1.74986	0.81651	0.870975	-1.14814	0.224286	0.468273	-2.13551	0.501188	1.50043	1.50043	0.98649	0.989987	-1.01011	2.48735	13.9154	4.97285	1
cg12726300	WDR47;WDR47;WDR47;WDR47;WDR47;WDR47	0.106969	0.118895	0.704481	-1.41949	0.992669	0.998101	-1.0019	0.610555	0.899158	-1.11215	0.0118608	0.521995	-1.91573	0.0904276	0.679691	-1.47126	0.0469713	0.624635	-1.60093	0.363808	0.824365	-1.21305	0.328816	1.23193	1.23193	0.801194	1.0536	1.0536	2.48735	1.68727	0.602969	1
cg24638647	TMEM101	0.106971	0.726928	1.06178	1.06178	0.669343	0.929181	-1.07622	0.256789	0.816792	-1.2243	0.334089	0.843381	-1.1857	0.0195555	0.617282	-1.62001	0.651284	1.0809	1.0809	0.00848717	0.563011	-1.77616	0.90497	0.979787	-1.02063	0.740118	1.05857	1.05857	2.48732	1.15163	0.411557	1
cg14504229	CYFIP1;CYFIP1	0.106972	0.0220634	0.12678	-7.88765	0.0660546	4.71707	4.71707	0.173655	2.97119	2.97119	0.315763	0.45827	-2.18212	0.283536	0.432503	-2.31212	0.634245	0.697289	-1.43412	0.239778	0.396139	-2.52437	0.994436	1.00526	1.00526	0.170542	0.333566	-2.99791	2.48732	22.2933	7.96694	1
cg11447922	CARD14;CARD14	0.106972	0.0752101	0.366991	-2.72486	0.23934	0.536076	-1.86541	0.123666	0.430096	-2.32506	0.261905	0.553247	-1.80751	0.00663958	0.168205	-5.94511	0.211952	0.514114	-1.94509	0.0759629	0.368148	-2.7163	0.102927	0.40545	-2.4664	0.110001	0.414176	-2.41443	2.48731	10.086	3.60441	1
cg09752264	ANKRD34A	0.106973	0.240357	0.803979	-1.24381	0.758967	1.05614	1.05614	0.124779	1.34305	1.34305	0.644721	1.0859	1.0859	0.97341	1.00593	1.00593	0.0783872	1.41486	1.41486	0.0105599	0.565006	-1.76989	0.822003	0.960796	-1.0408	0.727123	1.06415	1.06415	2.48731	1.24099	0.443492	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00671386	GNG13	0.106974	0.0813099	0.483052	-2.07017	0.0488705	0.428713	-2.33256	0.689931	0.859844	-1.163	0.601171	0.819878	-1.21969	0.106302	0.514718	-1.94281	0.22672	0.620065	-1.61273	0.0071414	0.270296	-3.69965	0.143946	0.553683	-1.80609	0.948238	1.02475	1.02475	2.48729	5.58572	1.99618	1
cg06915123	TUBGCP6;TUBGCP6	0.106975	0.9626	0.983957	-1.0163	0.190901	1.61229	1.61229	0.823828	0.92598	-1.07994	0.354074	0.719758	-1.38936	0.451296	1.30304	1.30304	0.0798117	0.511465	-1.95517	0.528489	0.802318	-1.24639	0.0369067	0.433471	-2.30696	0.0410001	2.25552	2.25552	2.48728	4.68604	1.67467	1
cg05403387	TNPO2;TNPO2	0.106976	0.414759	0.827578	-1.20834	0.021241	1.87515	1.87515	0.161146	1.40459	1.40459	0.886957	0.968225	-1.03282	0.673909	1.10084	1.10084	0.279422	1.29082	1.29082	0.223574	0.748048	-1.33681	0.840941	1.04667	1.04667	0.0220868	1.8647	1.8647	2.48727	2.03015	0.725525	1
cg26880187	ERBB3;ERBB3;ERBB3;ERBB3	0.106977	0.0808743	0.848778	-1.17816	0.750041	0.97329	-1.02744	0.0561868	0.83262	-1.20103	0.098162	1.16609	1.16609	0.449266	1.06749	1.06749	0.607255	1.04489	1.04489	0.371233	0.92518	-1.08087	0.0610238	1.19582	1.19582	0.335103	1.08784	1.08784	2.48726	0.282618	0.101001	1
cg12406992	MEX3A	0.106978	0.0920778	0.439211	-2.27681	0.0346277	0.335209	-2.98321	0.073101	0.411934	-2.42757	0.435498	0.702565	-1.42336	0.0342231	0.334122	-2.99291	0.0700573	0.407115	-2.45631	0.0682024	0.404106	-2.4746	0.0432464	0.356405	-2.80579	0.438444	0.704219	-1.42001	2.48726	7.75536	2.77159	1
cg04119805	ZKSCAN5;ZKSCAN5	0.106978	0.284151	1.14177	1.14177	0.257727	1.15112	1.15112	0.0504134	0.766658	-1.30436	0.131198	0.823507	-1.21432	0.213105	1.1691	1.1691	0.092509	1.24683	1.24683	0.0690041	1.27438	1.27438	0.756178	1.03781	1.03781	0.498863	1.08524	1.08524	2.48725	0.559308	0.199884	1
cg02540304	BAI1	0.106979	0.504382	0.741664	-1.34832	0.00507854	0.19515	-5.12426	0.130235	0.486271	-2.05647	0.815304	0.901925	-1.10874	0.226666	1.75063	1.75063	0.74186	1.15699	1.15699	0.840537	0.914962	-1.09294	0.432079	0.70208	-1.42434	0.367002	1.50503	1.50503	2.48724	7.66603	2.73968	1
cg15216078	INPP5A	0.10698	0.0414003	0.601423	-1.66272	0.965673	0.990741	-1.00935	0.675075	1.09541	1.09541	0.947249	1.01441	1.01441	0.0253982	0.563087	-1.77592	0.458	1.17746	1.17746	0.204287	1.33585	1.33585	0.118134	0.692981	-1.44304	?	?	?	2.51342	1.65326	0.657775	1
cg08072771	LYRM4;LYRM4	0.106983	0.36077	0.72269	-1.38372	0.839293	0.932213	-1.07272	0.0642869	0.487414	-2.05164	0.772503	0.904651	-1.1054	0.0290251	0.410822	-2.43415	0.0156805	0.359201	-2.78396	0.29521	1.45537	1.45537	0.90616	0.960054	-1.04161	0.18028	0.611484	-1.63537	2.4872	4.70725	1.6823	1
cg15063771	STK19;STK19;STK19;DOM3Z	0.106987	0.0311923	0.191641	-5.21808	0.70269	0.778347	-1.28477	0.874676	0.902006	-1.10864	0.244824	0.451608	-2.21431	0.0418433	0.215957	-4.63056	0.175484	0.390101	-2.56344	0.0455766	0.223578	-4.47272	0.020579	0.161608	-6.1878	0.170234	0.385041	-2.59712	2.48717	16.8179	6.01056	1
cg18040181	MYST4	0.106988	0.472631	1.10663	1.10663	0.395356	1.12833	1.12833	0.0343744	1.40819	1.40819	0.189734	1.21246	1.21246	0.182289	0.821736	-1.21694	0.0311069	0.704029	-1.4204	0.683518	1.0585	1.0585	0.918299	1.01433	1.01433	0.223393	1.19415	1.19415	2.48715	0.757793	0.270829	1
cg12616766	NFASC;NFASC;NFASC;NFASC;NFASC;NFASC;NFASC	0.106989	0.0781912	3.88315	3.88315	0.19863	2.56461	2.56461	0.557172	1.50927	1.50927	0.0811569	3.82097	3.82097	0.114843	3.28309	3.28309	0.0931961	3.59787	3.59787	0.0312705	5.76556	5.76556	0.0523393	4.61764	4.61764	0.0235572	6.51965	6.51965	2.48715	18.9338	6.7668	1
cg13410127	MED13L	0.106989	0.156221	2.2964	2.2964	0.713506	0.817006	-1.22398	0.775392	0.854883	-1.16975	0.00626705	0.14198	-7.04322	0.310155	1.77817	1.77817	0.63134	0.767224	-1.3034	0.263664	0.528016	-1.89388	0.339487	1.71528	1.71528	0.625228	1.30971	1.30971	2.48714	11.8327	4.22894	1
cg06528626	LMO3;LMO3	0.106992	0.0179776	0.235248	-4.25084	0.383718	0.637881	-1.56769	0.321163	0.596938	-1.67522	0.0499974	0.324627	-3.08046	0.925224	1.04839	1.04839	0.0844479	0.382609	-2.61363	0.0765141	0.370905	-2.69611	0.234915	1.87139	1.87139	0.834183	0.899857	-1.11129	2.48711	9.98072	3.56709	1
cg00067538	SPATA3	0.106992	0.0319871	0.430853	-2.32098	0.0168901	2.65542	2.65542	0.482359	1.2703	1.2703	0.57513	0.827156	-1.20896	0.128993	0.577119	-1.73275	0.746896	0.897173	-1.11461	0.714047	0.883982	-1.13124	0.394668	0.746674	-1.33927	0.95407	0.980885	-1.01949	2.48711	4.42277	1.58069	1
cg07907998	GTF3C1;KIAA0556	0.106992	0.0458045	0.64876	-1.5414	0.0167556	1.73634	1.73634	0.146552	1.34247	1.34247	0.697584	1.07659	1.07659	0.777314	1.05505	1.05505	0.295002	1.22784	1.22784	0.144979	1.34424	1.34424	0.845913	1.03745	1.03745	0.583408	0.900621	-1.11035	2.48711	1.40693	0.502835	1
cg25790453	MCF2L;MCF2L	0.106996	0.904854	0.962927	-1.0385	0.0357509	2.16399	2.16399	0.0176571	2.48891	2.48891	0.4954	0.803565	-1.24445	0.510209	1.23494	1.23494	0.0607217	1.9503	1.9503	0.0813828	1.84097	1.84097	0.689293	1.13538	1.13538	0.733394	0.897617	-1.11406	2.48707	3.9314	1.4051	1
cg09989688	C11orf94	0.106997	0.927463	0.970338	-1.03057	0.00846948	3.03893	3.03893	0.0567008	2.04068	2.04068	0.727922	1.12243	1.12243	0.32015	0.711978	-1.40454	0.136127	1.70075	1.70075	0.165324	1.63129	1.63129	0.856838	0.942032	-1.06154	0.820163	0.927465	-1.07821	2.48706	4.30748	1.53952	1
cg03971338	SLC38A10	0.107002	0.330187	0.616865	-1.6211	0.163438	2.04439	2.04439	0.506728	1.38247	1.38247	0.617055	1.27428	1.27428	0.00568258	0.174797	-5.72093	0.71269	0.837087	-1.19462	0.384274	1.53558	1.53558	0.406377	0.664724	-1.50438	0.40317	0.662781	-1.50879	2.48701	9.10496	3.25423	1
cg02361781	TMOD2;TMOD2;LYSMD2	0.107003	0.514881	1.17137	1.17137	0.721194	1.08962	1.08962	0.162723	0.699827	-1.42893	0.370858	1.24618	1.24618	0.0219579	0.517743	-1.93146	0.0190535	0.506752	-1.97335	0.673341	1.10689	1.10689	0.750182	0.926345	-1.07951	0.504279	1.17621	1.17621	2.487	2.25952	0.807586	1
ch.8.1077192R	PRKDC;PRKDC	0.107004	0.083826	0.311856	-3.20661	0.0240857	0.194285	-5.14709	0.0569378	0.269265	-3.71381	0.11221	0.348801	-2.86697	0.0244833	0.195505	-5.11497	0.454318	0.628652	-1.59071	0.0510875	0.258446	-3.86928	0.199567	0.438057	-2.28281	0.398244	0.590521	-1.69342	2.48699	14.6095	5.22166	1
cg22545840	C12orf11;C12orf11;FGFR1OP2	0.107005	0.15586	0.6797	-1.47124	0.290246	1.32196	1.32196	0.0786173	1.64335	1.64335	0.225007	1.38274	1.38274	0.477331	1.20169	1.20169	0.386402	1.25331	1.25331	0.0192445	0.48671	-2.05461	0.68777	0.902367	-1.1082	0.488667	0.836206	-1.19588	2.48698	2.54706	0.910362	1
cg26794970	FOXM1;FOXM1;FOXM1	0.107005	0.375473	0.834466	-1.19837	0.8036	0.951635	-1.05082	0.0333859	0.609809	-1.63986	0.742029	1.06792	1.06792	0.329761	0.818652	-1.22152	0.721277	0.931212	-1.07387	0.0138063	1.83212	1.83212	0.202107	0.764945	-1.30728	0.952445	1.01194	1.01194	2.48698	1.55903	0.557225	1
cg00087274	SLC12A8	0.107005	0.430772	0.899492	-1.11174	0.241219	0.850786	-1.17538	0.044086	0.737347	-1.35621	0.700586	0.95038	-1.05221	0.0121674	0.662597	-1.50921	0.413303	0.895685	-1.11646	0.462306	0.906142	-1.10358	0.236463	0.849256	-1.1775	0.0142326	0.671462	-1.48929	2.48698	0.683383	0.244253	1
cg09606495	INS-IGF2;INS-IGF2;INS	0.107007	0.0184146	0.354369	-2.82192	0.818023	1.08721	1.08721	0.172231	0.590306	-1.69404	0.185609	0.60098	-1.66395	0.0336326	0.406471	-2.4602	0.21527	0.623007	-1.60512	0.0273322	0.387818	-2.57853	0.297732	0.675966	-1.47936	0.138599	0.560796	-1.78318	2.48695	5.1838	1.8528	1
cg26055210	AHNAK;AHNAK	0.107008	0.337133	0.611215	-1.63609	0.813394	1.12484	1.12484	0.00969459	5.09361	5.09361	0.114503	0.425724	-2.34894	0.605968	1.29546	1.29546	0.597038	1.30398	1.30398	0.249919	1.81879	1.81879	0.210073	1.9292	1.9292	0.31006	0.593003	-1.68633	2.48695	9.74809	3.48418	1
cg07490283	JDP2;JDP2;JDP2;JDP2	0.10701	0.69945	1.18501	1.18501	0.701072	0.844695	-1.18386	0.80719	1.11293	1.11293	0.480351	1.36878	1.36878	0.00903106	0.234034	-4.27289	0.616666	0.801841	-1.24713	0.0275524	0.319715	-3.12778	0.326792	1.55735	1.55735	0.531447	0.757766	-1.31967	2.48693	7.54175	2.6956	1
cg12940923	MSRA;MSRA;MSRA	0.107011	0.676733	0.801699	-1.24735	0.00237169	9.33842	9.33842	0.915267	1.05771	1.05771	0.678876	1.2454	1.2454	0.586618	1.33565	1.33565	0.104286	2.55003	2.55003	0.855013	1.10122	1.10122	0.627093	1.29444	1.29444	0.823034	1.12533	1.12533	2.48692	10.9447	3.91192	1
cg13060236	DAB1	0.107012	0.369484	0.553862	-1.8055	0.0080413	0.104716	-9.54968	0.155264	0.374862	-2.66765	0.967361	1.02647	1.02647	0.141308	0.3601	-2.77701	0.063458	0.257392	-3.88512	0.0600711	0.251565	-3.97511	0.0779519	0.280461	-3.56555	0.690801	0.774558	-1.29106	2.64044	16.6871	4.91542	1
cg01748703	AASS	0.107012	0.0701151	0.504634	-1.98164	0.101842	0.546141	-1.83103	0.0203846	0.389005	-2.57066	0.814054	0.923503	-1.08283	0.0250741	0.406507	-2.45998	0.147485	0.591581	-1.69039	0.847534	1.06717	1.06717	0.9124	1.03787	1.03787	0.125231	0.570919	-1.75156	2.4869	4.4935	1.6061	1
cg17149920	GOT1	0.107012	0.857806	1.0253	1.0253	0.547155	0.918623	-1.08859	0.757022	0.957683	-1.04419	0.622296	0.933162	-1.07163	0.811385	1.03387	1.03387	0.613989	0.931593	-1.07343	0.0271017	0.694537	-1.43981	0.639654	1.0679	1.0679	0.00948743	1.58074	1.58074	2.4869	0.764532	0.273265	1
cg18380974	ZMAT3;ZMAT3	0.107013	0.754225	0.948112	-1.05473	0.0212935	1.59931	1.59931	0.212943	0.800484	-1.24924	0.559574	1.10528	1.10528	0.45144	1.13901	1.13901	0.296946	0.832386	-1.20137	0.876093	1.02683	1.02683	0.0274584	1.55657	1.55657	0.154786	1.2948	1.2948	2.4869	1.13367	0.405208	1
cg20691436	CALML3	0.107013	0.281813	0.782812	-1.27745	0.535331	1.14732	1.14732	0.440138	1.1881	1.1881	0.857495	1.04013	1.04013	0.266823	0.776528	-1.28823	0.0355778	0.58532	-1.70847	0.400182	1.20748	1.20748	0.02116	1.83456	1.83456	0.331327	1.24536	1.24536	2.4869	1.88771	0.674722	1
cg10060903	CSDE1;CSDE1;NRAS;CSDE1	0.107014	0.501906	0.827851	-1.20795	0.0269766	0.483814	-2.06691	0.039097	0.515859	-1.93851	0.376832	1.28581	1.28581	0.443037	1.2421	1.2421	0.87629	1.04413	1.04413	0.0713201	1.74779	1.74779	0.81743	1.0662	1.0662	0.429922	0.799836	-1.25026	2.48688	3.02658	1.08179	1
cg01155039	AMN	0.107016	0.0916306	4.81448	4.81448	0.027409	9.33496	9.33496	0.79201	0.802223	-1.24654	0.130427	3.96642	3.96642	0.836125	1.18849	1.18849	0.151352	3.65197	3.65197	0.333438	0.433638	-2.30607	0.0255293	9.71367	9.71367	0.161498	3.52188	3.52188	2.6404	28.4429	8.37838	1
cg06826975	ACTR1B	0.107017	0.20371	0.541105	-1.84807	0.161955	1.98105	1.98105	0.514067	1.35381	1.35381	0.0523322	0.364134	-2.74624	0.0422536	0.34265	-2.91843	0.0781753	0.408255	-2.44945	0.146273	0.489708	-2.04203	0.582364	1.28951	1.28951	0.417975	0.684615	-1.46067	2.48686	8.25429	2.95037	1
cg14852505	NELL2;NELL2;NELL2;NELL2;NELL2	0.107017	0.421455	1.38476	1.38476	0.0993579	0.488682	-2.04632	0.771907	0.891174	-1.12212	0.806996	1.10189	1.10189	0.00865648	0.265369	-3.76833	0.312964	1.51241	1.51241	0.165286	1.79797	1.79797	0.678541	1.17964	1.17964	0.62886	1.21295	1.21295	2.48685	6.18859	2.21202	1
cg13138187	DOK3;DOK3;DOK3	0.107019	0.224144	0.680262	-1.47002	0.0233448	0.441491	-2.26505	0.0123958	0.390965	-2.55778	0.736942	1.10707	1.10707	0.0878867	0.56649	-1.76526	0.939801	0.97747	-1.02305	0.469521	1.24858	1.24858	0.581201	0.84527	-1.18305	0.754426	0.909669	-1.0993	2.48683	3.58522	1.28149	1
cg17549121	CAMK4	0.10702	0.907431	0.98274	-1.01756	0.25745	0.837871	-1.1935	0.0125057	0.628099	-1.5921	0.872543	1.02432	1.02432	0.119574	1.28763	1.28763	0.174441	0.805554	-1.24138	0.142859	0.790005	-1.26582	0.586625	0.921109	-1.08565	0.248416	1.19793	1.19793	2.48682	0.882383	0.315399	1
cg01295339	LBX2;LOC151534	0.10702	0.0515693	0.0864498	-11.5674	0.33773	2.97996	2.97996	0.163843	0.193689	-5.1629	0.157822	5.30428	5.30428	0.393283	0.380539	-2.62785	0.63125	0.586085	-1.70624	0.167763	0.197032	-5.07532	0.148858	0.180774	-5.53178	0.081429	8.44786	8.44786	2.48682	48.0771	17.1847	1
cg21797001	SPO11;SPO11	0.107022	0.423829	0.726622	-1.37623	0.00428867	4.45223	4.45223	0.305179	0.660269	-1.51453	0.715474	1.15387	1.15387	0.654765	1.19239	1.19239	0.871345	0.938602	-1.06541	0.109761	1.97702	1.97702	0.800037	0.905536	-1.10432	0.993477	1.0032	1.0032	2.4868	6.01968	2.15169	1
cg01834027	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.107023	0.150913	0.409871	-2.43979	0.159519	2.3893	2.3893	0.378916	1.68717	1.68717	0.571584	1.39271	1.39271	0.202867	0.458896	-2.17914	0.633905	0.7573	-1.32048	0.00938352	0.1483	-6.74307	0.679134	0.78583	-1.27254	0.213522	0.468145	-2.13609	2.48679	13.2231	4.7265	1
cg13329789	ADCY1	0.107023	0.941627	0.987458	-1.0127	0.330624	0.841127	-1.18888	0.12293	0.749726	-1.33382	0.374505	0.854618	-1.17011	0.368219	1.17268	1.17268	0.904151	1.02098	1.02098	0.0101003	1.74959	1.74959	0.363748	1.17453	1.17453	0.181444	0.783099	-1.27698	2.48679	1.1699	0.418173	1
cg19814830	PCDHGA2;PCDHGA4;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA4	0.107026	0.861247	0.945843	-1.05726	0.186934	1.5608	1.5608	0.195719	0.646958	-1.5457	0.501629	1.2424	1.2424	0.0294227	0.442061	-2.26213	0.157688	1.61737	1.61737	0.0791005	0.537694	-1.8598	0.184167	1.56572	1.56572	0.942731	1.02313	1.02313	2.48677	3.98922	1.42594	1
cg21074797	VASH1	0.10703	0.832528	0.921249	-1.08548	0.213667	0.602174	-1.66065	0.644103	1.19745	1.19745	0.307941	0.664456	-1.50499	0.0139197	0.308256	-3.24406	0.735919	1.14011	1.14011	0.0679301	2.20775	2.20775	0.152865	1.80945	1.80945	0.756415	0.886454	-1.12809	2.48672	5.90935	2.11232	1
cg22328512	CALD1;CALD1;CALD1;CALD1;CALD1	0.10703	0.512326	0.876629	-1.14073	0.0582595	0.654393	-1.52813	0.410665	0.846453	-1.1814	0.74913	0.938406	-1.06564	0.0922489	0.692677	-1.44367	0.973547	0.993451	-1.00659	0.0412843	1.59429	1.59429	0.0678246	1.49977	1.49977	0.747653	0.93804	-1.06605	2.48672	1.54625	0.552713	1
cg14471671	USP35	0.107031	0.178874	1.43713	1.43713	0.204316	1.40519	1.40519	0.130926	1.51313	1.51313	0.187418	0.701313	-1.4259	0.10779	0.640407	-1.56151	0.474905	0.831499	-1.20265	0.0535523	0.573062	-1.74501	0.18625	1.4274	1.4274	0.730744	0.916011	-1.09169	2.48671	2.53981	0.907868	1
cg09189978	ANKRD54;MIR658	0.107032	0.373813	0.925177	-1.08087	0.00579962	0.735019	-1.36051	0.686807	0.96606	-1.03513	0.659209	1.03853	1.03853	0.050014	0.82664	-1.20972	0.971943	0.997008	-1.003	0.258608	0.904466	-1.10562	0.749369	1.02768	1.02768	0.109271	0.861775	-1.1604	2.4867	0.28581	0.102165	1
cg10644647	LRP12;LRP12	0.107034	0.792219	0.921769	-1.08487	0.0108077	0.372383	-2.68541	0.5673	1.19531	1.19531	0.658232	0.871656	-1.14724	0.0602955	1.92271	1.92271	0.630821	1.16114	1.16114	0.112558	1.70404	1.70404	0.805223	1.07921	1.07921	0.480178	1.24788	1.24788	2.48669	3.74939	1.34025	1
cg17244098	TNFRSF1B	0.107037	0.0430832	1.39949	1.39949	0.445886	1.11875	1.11875	0.734992	0.952122	-1.05029	0.947477	1.00956	1.00956	0.0813752	1.32177	1.32177	0.253566	0.841824	-1.1879	0.0406645	0.710852	-1.40676	0.4391	0.892297	-1.1207	0.24881	0.840233	-1.19015	2.48665	0.821262	0.293572	1
cg06343169	C21orf81	0.107038	0.116511	3.24187	3.24187	0.154309	2.86211	2.86211	0.632506	1.3941	1.3941	0.36099	1.91093	1.91093	0.0749774	0.254736	-3.92564	0.564157	0.668949	-1.49488	0.262061	0.446426	-2.24002	0.0210492	6.77844	6.77844	0.685356	1.32433	1.32433	2.48664	18.7296	6.69517	1
cg24506025	KDM4D;KDM4D;CWC15	0.107038	0.00413167	0.276192	-3.62067	0.0846797	0.528353	-1.89267	0.509779	1.25071	1.25071	0.478968	1.27227	1.27227	0.754474	1.11067	1.11067	0.9004	1.04278	1.04278	0.512007	0.800512	-1.2492	0.443886	0.770158	-1.29844	0.951894	0.980017	-1.02039	2.48664	4.40836	1.57584	1
cg21583160	SPATA6	0.10704	0.107269	0.458624	-2.18044	0.618204	1.24615	1.24615	0.110643	2.16109	2.16109	0.0605521	2.5683	2.5683	0.141055	0.496435	-2.01436	?	?	?	0.748683	0.868771	-1.15105	0.697354	0.842757	-1.18658	0.0774688	2.39361	2.39361	2.66507	7.02774	2.30735	1
cg25742745	TUBB	0.107041	0.0638362	0.539389	-1.85395	0.982754	0.993616	-1.00643	0.718375	0.898244	-1.11328	0.0472638	0.510353	-1.95943	0.0226039	0.445298	-2.24569	0.941128	0.978351	-1.02213	0.0478452	0.511502	-1.95503	0.0526466	0.520582	-1.92093	0.213155	0.678081	-1.47475	2.48661	3.45804	1.23615	1
cg04217215	GSTA2;GSTA2	0.107042	0.328073	0.662946	-1.50842	0.0434508	0.388448	-2.57434	0.0436805	0.388967	-2.57092	0.592319	1.2462	1.2462	0.451357	0.731642	-1.36679	0.241508	0.607009	-1.64742	0.00967921	0.263703	-3.79214	0.69628	0.852371	-1.1732	0.161622	0.544106	-1.83788	2.4866	6.52975	2.3342	1
cg12035880	UBE2QL1	0.107043	0.995617	1.00171	1.00171	0.0855457	1.80692	1.80692	0.495516	1.2404	1.2404	0.687914	1.13394	1.13394	0.0151012	0.39475	-2.53325	0.493929	0.805532	-1.24142	0.0915971	0.560868	-1.78295	0.539887	0.824328	-1.21311	0.127509	0.598703	-1.67028	2.48659	3.81632	1.36423	1
cg03346434	LRRC42;HSPB11	0.107045	0.594153	1.20997	1.20997	0.0050538	0.268775	-3.72058	0.894871	1.04797	1.04797	0.615169	1.19678	1.19678	0.65766	1.17124	1.17124	0.963414	0.983875	-1.01639	0.0449043	0.442301	-2.2609	0.902449	0.957474	-1.04441	0.754659	1.11751	1.11751	2.48657	4.94638	1.76821	1
cg25449821	WSCD1	0.107045	0.0666178	0.382482	-2.6145	0.00958912	0.215993	-4.62977	0.564755	0.761854	-1.31259	0.400042	0.668613	-1.49563	0.0260691	0.291147	-3.43469	0.243192	0.565156	-1.76942	0.180303	0.514352	-1.9442	0.10129	0.43239	-2.31273	0.897126	0.941345	-1.06231	2.48657	8.59922	3.07401	1
cg17199800	DLX6AS	0.107046	0.649355	1.4746	1.4746	0.739866	0.753722	-1.32675	0.166354	3.49803	3.49803	0.758416	0.769695	-1.29922	0.0148068	12.7335	12.7335	0.578193	0.620896	-1.61057	0.9882	1.01263	1.01263	0.0122308	14.1329	14.1329	0.532024	1.71102	1.71102	2.48656	28.353	10.1356	1
cg00494710	PPM1G;PPM1G	0.107047	0.561531	0.785754	-1.27266	0.0748461	0.442662	-2.25906	0.387247	0.69488	-1.4391	0.494448	1.32974	1.32974	0.00848406	0.251556	-3.97527	0.485349	1.33805	1.33805	0.158878	0.538751	-1.85615	0.14857	0.529184	-1.8897	0.13889	0.519803	-1.92381	2.48656	6.64387	2.37504	1
cg27129144	RPTOR;RPTOR	0.107047	0.0315945	0.511845	-1.95372	0.0394919	0.531087	-1.88293	0.640975	0.882677	-1.13292	0.989332	0.996454	-1.00356	0.00969512	0.419147	-2.3858	0.874302	1.04296	1.04296	0.974688	1.00847	1.00847	0.933485	1.02243	1.02243	0.823114	0.942243	-1.0613	2.48655	2.78054	0.993985	1
cg01288155	RGL3;RGL3	0.10705	0.834184	0.937267	-1.06693	0.990439	0.996303	-1.00371	0.0865803	0.557075	-1.79509	0.514894	0.815382	-1.22642	0.00307767	0.285851	-3.49833	0.886355	1.04519	1.04519	0.161844	0.630232	-1.58672	0.361223	0.748204	-1.33653	0.336459	0.736165	-1.35839	2.48652	3.7617	1.34474	1
cg26187219	ITGA1;PELO	0.10705	0.0250709	1.43572	1.43572	0.12945	1.24897	1.24897	0.120919	0.795938	-1.25638	0.185802	1.20971	1.20971	0.378013	1.1306	1.1306	0.0757705	0.764745	-1.30763	0.816962	0.969027	-1.03196	0.853817	1.02535	1.02535	0.748309	1.04466	1.04466	2.48652	0.725232	0.259258	1
cg20941534	MYO5A;MYO5A	0.107051	0.555754	0.765958	-1.30555	0.00466385	5.38359	5.38359	0.0822709	2.36624	2.36624	0.259701	1.69227	1.69227	0.595802	0.786993	-1.27066	0.424643	1.44026	1.44026	0.643033	0.811536	-1.23223	0.303357	1.61124	1.61124	0.57188	1.29122	1.29122	2.48651	7.88391	2.81838	1
cg01070694	KPNB1	0.107052	0.309121	2.30506	2.30506	0.0360133	7.18127	7.18127	0.0113564	13.3775	13.3775	0.365198	2.0904	2.0904	0.853666	0.864379	-1.1569	0.325996	0.447398	-2.23515	0.325924	2.23543	2.23543	0.286604	2.40704	2.40704	?	?	?	2.66494	22.8768	7.51132	1
cg00430080	GLB1L2	0.107053	0.0822834	0.443973	-2.25239	0.286845	0.627168	-1.59447	0.396375	0.693246	-1.44249	0.0563237	0.401865	-2.4884	0.0082869	0.240764	-4.15345	0.152128	0.52354	-1.91007	0.274285	0.618866	-1.61586	0.0394907	0.36617	-2.73097	0.21164	0.574028	-1.74207	2.48649	7.00769	2.50516	1
cg05570237	CYYR1	0.107055	0.772621	0.881987	-1.1338	0.558578	0.773827	-1.29228	0.638018	0.81432	-1.22802	0.0635792	0.404919	-2.46963	0.0513207	0.382219	-2.6163	0.247568	0.592149	-1.68877	0.321284	1.55917	1.55917	0.00822501	0.231018	-4.32866	0.76234	0.876812	-1.1405	2.48646	7.3985	2.6449	1
cg04305725	NHLH1	0.107058	0.476249	0.840239	-1.19014	0.0536271	1.69327	1.69327	0.305203	1.29065	1.29065	0.0213873	0.514549	-1.94345	0.108302	0.656388	-1.52349	0.948006	0.98445	-1.0158	0.342529	1.26492	1.26492	0.424751	1.2164	1.2164	0.72374	1.08903	1.08903	2.48644	2.27415	0.812995	1
cg11099918	KIAA0232;KIAA0232	0.10706	0.124003	0.783881	-1.2757	0.633103	0.932113	-1.07283	0.098967	0.767651	-1.30268	0.441433	0.891594	-1.12159	0.00609236	0.592495	-1.68778	0.687693	0.94264	-1.06085	0.456756	0.895128	-1.11716	0.115099	0.778457	-1.28459	0.0375678	0.702805	-1.42287	2.48642	0.841457	0.300819	1
cg23698023	PTK2B;PTK2B;PTK2B;PTK2B	0.107062	0.139269	0.452354	-2.21066	0.0171192	4.25764	4.25764	0.247216	1.82792	1.82792	0.950599	1.03137	1.03137	0.0362192	0.296969	-3.36735	0.714562	0.832665	-1.20096	0.536	0.731664	-1.36675	0.840171	0.904232	-1.10591	0.789393	0.875061	-1.14278	2.4864	9.78718	3.49892	1
cg14244739	C9orf30	0.107063	0.138629	4.36525	4.36525	0.910916	0.901714	-1.109	0.659181	1.50725	1.50725	0.0578628	7.25885	7.25885	0.0508704	7.81597	7.81597	0.187655	3.63548	3.63548	0.0215346	12.8323	12.8323	0.0580904	7.2425	7.2425	0.0602929	7.08929	7.08929	2.48639	33.6492	12.0297	1
cg20392585	TFCP2	0.107066	0.840224	0.918443	-1.0888	0.44068	1.39291	1.39291	0.345562	1.50594	1.50594	0.751192	0.874534	-1.14347	0.460045	0.728323	-1.37302	0.430516	1.40371	1.40371	0.143411	0.515473	-1.93996	0.393606	1.44527	1.44527	0.00500167	4.78487	4.78487	2.48636	6.99465	2.50063	1
cg15922956	FUNDC2	0.107066	0.0113904	0.0292304	-34.211	0.6988	0.657997	-1.51976	0.809285	0.770927	-1.29714	0.211382	4.1691	4.1691	0.173749	0.207699	-4.81466	0.0981585	0.138122	-7.23999	?	?	?	0.621026	1.71039	1.71039	0.491141	2.12552	2.12552	2.66477	42.4922	13.9527	1
cg06113789	TTBK1	0.107068	0.119023	3.41173	3.41173	0.0807426	4.07464	4.07464	0.235528	2.46388	2.46388	0.287664	2.22718	2.22718	0.253816	2.37352	2.37352	0.296949	2.19099	2.19099	0.0126262	9.47991	9.47991	0.0158514	8.52793	8.52793	0.123998	3.34767	3.34767	2.48634	20.7176	7.40673	1
cg24166172	ADAMTS6	0.107068	0.18071	0.810277	-1.23415	0.439893	1.12367	1.12367	0.214008	1.21368	1.21368	0.385959	0.87673	-1.1406	0.984565	0.997141	-1.00287	0.00555634	0.583207	-1.71466	0.788693	1.04056	1.04056	0.367667	1.1468	1.1468	0.899144	0.981406	-1.01895	2.48633	0.862758	0.308445	1
cg11441148	PTPLAD1	0.10707	0.0512927	0.295636	-3.38254	0.548883	0.716721	-1.39524	0.845224	1.11329	1.11329	0.834573	0.891513	-1.12169	0.0360453	0.262114	-3.81513	0.175489	0.453348	-2.20581	0.0232959	0.225645	-4.43175	0.0298887	0.24584	-4.06769	0.323828	0.571468	-1.74988	2.48632	11.8739	4.24506	1
cg00448395	POT1;POT1;POT1;POT1;POT1	0.107071	0.6858	0.909052	-1.10005	0.0330366	1.7939	1.7939	0.0527821	1.67551	1.67551	0.764063	1.07312	1.07312	0.931943	0.980168	-1.02023	0.943224	0.98344	-1.01684	0.0655981	0.616043	-1.62326	0.997181	0.999172	-1.00083	0.0616764	1.63793	1.63793	2.48631	2.16437	0.773792	1
cg04865056	GALNT9	0.107073	0.515691	1.40048	1.40048	0.00546699	6.47031	6.47031	0.0891151	2.60678	2.60678	0.57731	1.33338	1.33338	0.289349	0.57005	-1.75423	0.841397	1.10781	1.10781	0.6105	1.3002	1.3002	0.699258	1.21943	1.21943	0.261814	0.549931	-1.81841	2.48629	10.2834	3.67648	1
cg14860857	RPUSD3;RPUSD3	0.107073	0.85387	1.03403	1.03403	0.129372	1.34642	1.34642	0.781348	0.950746	-1.05181	0.969494	1.00697	1.00697	0.335513	1.19755	1.19755	0.900941	0.977649	-1.02286	0.00367224	2.04004	2.04004	0.907549	0.979132	-1.02131	0.296751	0.821701	-1.21699	2.48629	1.29752	0.463886	1
cg21105955	MDC1	0.107073	0.166455	0.57499	-1.73916	0.915055	1.04083	1.04083	0.453074	0.750736	-1.33203	0.151749	1.77897	1.77897	0.0805705	0.483383	-2.06875	0.152566	0.562859	-1.77664	0.0873372	0.49263	-2.02992	0.0892596	2.01954	2.01954	0.151309	0.561726	-1.78023	2.48629	5.54012	1.98069	1
cg09044458	ST5;ST5;ST5	0.107074	0.171598	0.523717	-1.90943	0.0126087	0.251966	-3.9688	0.0627611	0.394344	-2.53585	0.988934	1.00618	1.00618	0.0170006	0.274334	-3.6452	0.365777	0.661689	-1.51128	0.147266	0.501006	-1.99599	0.519279	0.748008	-1.33688	0.314206	0.629671	-1.58813	2.48628	7.77717	2.78048	1
cg16226627	SCAMP5	0.107076	0.667102	1.23938	1.23938	0.0455837	0.320798	-3.11722	0.0399772	0.308087	-3.24583	0.0358283	0.29785	-3.35739	0.598991	1.30104	1.30104	0.714518	0.833434	-1.19986	0.0702075	0.366484	-2.72864	0.851063	1.0977	1.0977	0.113789	0.42601	-2.34736	2.48625	9.68513	3.46264	1
cg23304647	GNA12	0.107077	0.9086	1.07136	1.07136	0.0056486	8.84464	8.84464	0.0302726	4.6128	4.6128	0.709915	0.799103	-1.2514	0.700992	0.793282	-1.26059	0.18739	2.31325	2.31325	0.404187	1.66916	1.66916	0.485566	1.5301	1.5301	0.606939	1.36542	1.36542	2.48625	14.1858	5.07174	1
cg04623023	LOC100124692	0.107077	0.170991	0.688914	-1.45156	0.0342499	0.53182	-1.88034	0.16056	0.681691	-1.46694	0.271782	0.746442	-1.33969	0.248354	1.36135	1.36135	0.713568	1.09883	1.09883	0.217866	1.39286	1.39286	0.30643	0.762864	-1.31085	0.0410929	0.547446	-1.82666	2.48624	2.57311	0.919945	1
cg07783183	UVRAG	0.107077	0.2259	0.57549	-1.73765	0.0735762	2.37909	2.37909	0.039132	2.82145	2.82145	0.861919	1.07858	1.07858	0.0400186	0.356579	-2.80443	0.628183	0.808937	-1.23619	0.715608	1.17232	1.17232	0.452954	0.717349	-1.39402	0.319255	0.639404	-1.56396	2.48624	7.43355	2.65767	1
cg01966599	CASC5;CASC5	0.107079	0.716579	0.959023	-1.04273	0.501993	1.08133	1.08133	0.45822	0.916967	-1.09055	0.270067	0.876522	-1.14087	0.89334	0.984723	-1.01551	0.586131	0.938859	-1.06512	0.0123278	1.42993	1.42993	0.142772	0.834627	-1.19814	0.0633417	0.786919	-1.27078	2.48622	0.518575	0.185404	1
cg22922815	LSM6	0.107082	0.23115	0.419462	-2.38401	0.103719	0.292083	-3.42368	0.133998	0.326988	-3.05822	0.787979	0.829899	-1.20497	0.0950464	0.281162	-3.55667	0.386565	0.541214	-1.8477	0.0046773	0.0742021	-13.4767	0.715785	0.776524	-1.28779	0.0964718	0.282991	-3.53368	2.4862	18.8391	6.73553	1
cg16368670	PRDM6	0.107083	0.265645	0.808381	-1.23704	0.822374	1.0421	1.0421	0.0827593	0.703047	-1.42238	0.499083	0.881763	-1.13409	0.22747	0.792675	-1.26155	0.0392592	0.6457	-1.54871	0.082176	1.42354	1.42354	0.041214	0.649286	-1.54015	0.359666	0.841382	-1.18852	2.48619	1.32419	0.47344	1
cg14578028	FBXO3;FBXO3	0.107084	0.0137095	3.10946	3.10946	0.860819	0.936766	-1.0675	0.551553	1.25135	1.25135	0.797003	1.1007	1.1007	0.801544	1.09828	1.09828	0.107384	1.92338	1.92338	0.182868	1.69232	1.69232	0.0224188	2.768	2.768	0.058335	2.21726	2.21726	2.48617	5.45509	1.95038	1
cg21736202	ILF3;ILF3;ILF3;ILF3;ILF3	0.107087	0.717638	1.07083	1.07083	0.518708	1.13121	1.13121	0.078742	0.692164	-1.44474	0.902093	1.02346	1.02346	0.603985	0.906097	-1.10363	0.0958403	1.41157	1.41157	0.00799198	1.89769	1.89769	0.984538	1.00366	1.00366	0.772834	0.946916	-1.05606	2.48615	1.39835	0.499961	1
cg17333251	TNKS1BP1	0.107092	0.0748902	0.745126	-1.34205	0.170175	1.24192	1.24192	0.249732	1.1953	1.1953	0.347393	1.1543	1.1543	0.0819806	0.751402	-1.33085	0.123933	0.781066	-1.2803	0.0685031	0.739008	-1.35317	0.698732	1.05937	1.05937	0.64798	1.07055	1.07055	2.4861	0.866027	0.309643	1
cg08443635	TSC22D4;TSC22D4	0.107095	0.359636	0.65824	-1.5192	0.00358288	0.173506	-5.7635	0.13795	0.492018	-2.03245	0.0697668	0.406402	-2.46062	0.856962	0.923017	-1.0834	0.314901	0.630388	-1.58632	0.169995	0.522598	-1.91352	0.693965	0.838965	-1.19194	0.235274	0.57562	-1.73726	2.48607	7.76206	2.77531	1
cg02883668	KCNK10	0.107097	0.0794441	4.85765	4.85765	0.0120541	12.7016	12.7016	0.222823	2.82917	2.82917	0.381276	2.07312	2.07312	0.143066	3.58857	3.58857	0.194399	3.04811	3.04811	0.107429	4.16388	4.16388	0.0237999	8.93676	8.93676	0.104158	4.23056	4.23056	2.48604	25.9509	9.27879	1
cg10898258	ZFYVE21	0.107099	0.887073	1.05867	1.05867	0.00528578	4.37246	4.37246	0.0620929	2.32295	2.32295	0.428783	1.38283	1.38283	0.365693	0.688716	-1.45198	0.563515	1.26406	1.26406	0.369706	0.690978	-1.44722	0.884419	1.0601	1.0601	0.97994	1.01014	1.01014	2.48602	6.33938	2.26668	1
cg12728820	CSTF2	0.1071	0.0337581	0.213034	-4.69409	0.61281	1.37478	1.37478	0.260723	0.481124	-2.07847	0.044047	4.23393	4.23393	0.477789	0.637528	-1.56856	0.0468066	0.241812	-4.13545	0.808759	1.16327	1.16327	0.681476	1.29357	1.29357	0.395516	0.581158	-1.7207	2.48601	15.3167	5.4766	1
cg21761678	CCDC14	0.107101	0.153377	0.799747	-1.2504	0.421873	1.12741	1.12741	0.0440886	1.4023	1.4023	0.406386	0.883244	-1.13219	0.503743	1.10426	1.10426	0.131538	1.26866	1.26866	0.903372	1.01791	1.01791	0.813141	1.03522	1.03522	0.015026	1.54792	1.54792	2.486	0.841212	0.300782	1
cg26508465	CDH1	0.107102	0.520147	0.822107	-1.21639	0.0882537	0.568254	-1.75978	0.358576	0.753019	-1.32799	0.139218	0.619898	-1.61317	0.164221	0.640201	-1.56201	0.0947378	0.575914	-1.73637	0.0291909	2.16448	2.16448	0.529975	1.21067	1.21067	0.661212	1.14169	1.14169	2.48599	3.55477	1.27104	1
cg16703466	ZNF672	0.107103	0.907349	0.961847	-1.03967	0.00444699	3.55365	3.55365	0.205125	1.56311	1.56311	0.941816	1.02469	1.02469	0.783427	0.912054	-1.09643	0.377529	0.738941	-1.35329	0.182468	1.60439	1.60439	0.136344	1.70956	1.70956	0.873129	1.05485	1.05485	2.48598	4.39539	1.57162	1
cg14073063	ZNF562;ZNF562;ZNF562	0.107104	0.215092	0.49559	-2.0178	0.703716	0.814195	-1.22821	0.988326	0.99216	-1.0079	0.870064	1.09206	1.09206	0.381168	1.62128	1.62128	0.00276441	0.108521	-9.21481	0.878375	0.92092	-1.08587	0.680859	1.24917	1.24917	0.852194	1.10555	1.10555	2.48597	11.3946	4.07427	1
cg03466932	HIST1H4B	0.107106	0.863347	1.02507	1.02507	0.336449	1.15309	1.15309	0.295913	1.16857	1.16857	0.413069	0.886676	-1.12781	0.0916787	1.30593	1.30593	0.654817	1.06682	1.06682	0.015325	0.65193	-1.53391	0.701084	0.946072	-1.057	0.084004	1.31627	1.31627	2.48595	0.813371	0.290833	1
cg27602263	RAX	0.107107	0.0728052	0.0745025	-13.4224	0.310625	0.256335	-3.90114	0.270975	0.226022	-4.42436	0.0778752	0.0786791	-12.7099	0.0395493	0.0455418	-21.9579	0.0548415	0.0592676	-16.8726	0.0365294	0.0427147	-23.4112	0.0696682	0.0718943	-13.9093	0.0479445	0.0531846	-18.8024	2.48594	66.2904	23.7032	1
cg18320648	RIF1	0.107108	0.773212	1.03028	1.03028	0.122319	1.18873	1.18873	0.757462	0.968525	-1.0325	0.390213	1.09516	1.09516	0.144963	1.17541	1.17541	0.165553	1.16497	1.16497	0.0133591	0.728771	-1.37217	0.367882	0.908924	-1.1002	0.454575	1.08182	1.08182	2.48593	0.419681	0.150065	1
cg06118533	CBS	0.107109	0.207369	1.60472	1.60472	0.0609165	2.11998	2.11998	0.358853	1.39879	1.39879	0.503887	1.27287	1.27287	0.194341	0.613605	-1.62971	0.289759	0.676475	-1.47825	0.758947	1.11571	1.11571	0.0115462	3.07585	3.07585	0.356639	1.40108	1.40108	2.48592	4.98181	1.78134	1
cg19364635	SFRS7	0.107109	0.946823	0.982618	-1.01769	0.563023	1.16616	1.16616	0.0691264	1.7068	1.7068	0.623597	1.13886	1.13886	0.695142	1.10908	1.10908	0.0057249	0.385845	-2.59171	0.852221	0.952159	-1.05024	0.719378	0.909513	-1.09949	0.355742	0.779016	-1.28367	2.48592	2.72081	0.972877	1
cg20665259	KCNH2;KCNH2	0.107109	0.118314	0.419704	-2.38263	0.994707	0.996609	-1.0034	0.716306	1.20545	1.20545	0.361923	0.618903	-1.61576	0.00794595	0.175084	-5.71153	0.613449	1.29797	1.29797	0.0309333	0.273288	-3.65914	0.374654	0.627164	-1.59448	0.30104	0.577732	-1.73091	2.48592	10.3208	3.69041	1
cg16687649	VARS	0.107109	0.699197	0.891715	-1.12144	0.914864	1.03207	1.03207	0.0865872	0.571929	-1.74847	0.0754218	0.55753	-1.79363	0.832183	0.939286	-1.06464	0.00666191	0.35374	-2.82694	0.241262	1.43632	1.43632	0.832889	0.939538	-1.06435	0.545547	0.834797	-1.1979	2.48592	3.43027	1.22656	1
cg06383088	XPA;XPA;XPA	0.10711	0.398707	0.851219	-1.17479	0.620891	1.09741	1.09741	0.699653	0.930277	-1.07495	0.530626	1.12572	1.12572	0.998227	1.00041	1.00041	0.960538	0.990818	-1.00927	0.00220278	0.449261	-2.22588	0.915216	0.980342	-1.02005	0.88743	1.02676	1.02676	2.48591	1.36849	0.489332	1
cg05872387	GAL3ST2	0.107112	0.0694205	0.427791	-2.33759	0.0863095	2.2083	2.2083	0.80867	1.10674	1.10674	0.159546	0.533444	-1.87461	0.0302991	0.344846	-2.89984	0.99353	1.0034	1.0034	0.149005	1.90978	1.90978	0.672906	1.19425	1.19425	0.912608	1.04697	1.04697	2.48589	6.88136	2.46059	1
cg03428047	MAML3	0.107116	0.0908288	0.352074	-2.84031	0.838268	0.891791	-1.12134	0.645856	0.771605	-1.296	0.602857	0.745166	-1.34198	0.0073175	0.144028	-6.94308	0.410672	0.624105	-1.6023	0.029897	0.238903	-4.1858	0.41869	0.62936	-1.58892	0.0708263	0.32267	-3.09914	2.48585	12.3626	4.42062	1
cg09539800	LOC100134229;JHDM1D	0.107117	0.0228995	0.514403	-1.944	0.306549	1.29501	1.29501	0.0634674	1.66469	1.66469	0.379283	0.802298	-1.24642	0.152394	0.687723	-1.45407	0.622041	0.885727	-1.12902	0.120905	0.663155	-1.50794	0.808777	0.942509	-1.061	0.485282	1.18907	1.18907	2.48584	2.34804	0.839614	1
cg07491109	C15orf39	0.107118	0.54341	1.12237	1.12237	0.565998	1.11504	1.11504	0.381069	1.18367	1.18367	0.448331	1.15607	1.15607	0.0305079	0.620548	-1.61148	0.0563203	1.50022	1.50022	0.193129	0.772227	-1.29496	0.110607	0.721589	-1.38583	0.398809	1.17601	1.17601	2.48583	1.38683	0.495905	1
cg11524235	HPCA	0.107118	0.900865	0.966689	-1.03446	0.309391	1.33105	1.33105	0.103728	0.616513	-1.62202	0.651715	1.13148	1.13148	0.331468	0.761558	-1.3131	0.252721	1.38371	1.38371	0.00717323	0.389204	-2.56934	0.277651	0.735718	-1.35922	0.901607	0.966936	-1.03419	2.48583	2.90946	1.04037	1
cg04815371	AKAP6	0.107119	0.0238278	0.106247	-9.41207	0.018414	0.0922099	-10.8448	0.0614094	0.176341	-5.67084	0.314784	0.429797	-2.32668	0.278218	0.399814	-2.50116	0.489862	0.566507	-1.7652	0.0738222	0.194351	-5.14534	0.0953885	0.222558	-4.4932	0.0546527	0.165798	-6.03142	2.63921	26.7279	7.87673	1
cg27658967	ZNF529;ZNF529;ZNF529;ZNF382	0.107121	0.839317	1.04256	1.04256	0.877504	1.03217	1.03217	0.408824	0.840796	-1.18935	0.01331	0.532842	-1.87673	0.749899	0.936461	-1.06785	0.0239515	0.575254	-1.73836	0.939981	0.984662	-1.01558	0.359983	0.82433	-1.21311	0.142451	1.38215	1.38215	2.4858	1.65882	0.593172	1
cg05723130	HTRA1	0.107122	0.972494	1.00821	1.00821	0.139331	1.46437	1.46437	0.0316987	1.84447	1.84447	0.993868	1.00182	1.00182	0.0891106	1.57028	1.57028	0.242616	1.33895	1.33895	0.00891949	2.27033	2.27033	0.254226	1.32854	1.32854	0.116543	1.50602	1.50602	2.63917	2.299	0.677527	1
cg25138936	SNORD42B;RPL23A	0.107124	0.161493	0.766747	-1.30421	0.0882054	1.39681	1.39681	0.238069	1.24549	1.24549	0.107505	0.731957	-1.3662	0.457302	1.14392	1.14392	0.3553	0.844585	-1.18401	0.282237	0.819964	-1.21957	0.154342	0.762737	-1.31107	0.0880889	1.39702	1.39702	2.48577	1.24228	0.444227	1
cg11700490	PON3	0.107125	0.376168	0.535239	-1.86832	0.322076	0.494605	-2.02182	0.0540536	0.222038	-4.50373	0.158388	0.354256	-2.82282	0.0510437	0.216667	-4.61537	0.720586	0.781	-1.28041	0.0144371	0.125584	-7.96282	0.118283	0.311253	-3.21283	0.0340862	0.182302	-5.4854	2.48575	18.647	6.66805	1
cg27083087	VGLL4;VGLL4;VGLL4;VGLL4;VGLL4	0.107126	0.910967	0.957416	-1.04448	0.0193292	0.33268	-3.00589	0.70608	1.15881	1.15881	0.914715	0.95918	-1.04256	0.142561	0.541616	-1.84633	0.114086	0.512364	-1.95174	0.0125489	0.298823	-3.34647	0.764214	1.12415	1.12415	0.84604	0.927159	-1.07856	2.48575	5.95863	2.13077	1
cg02616315	WSCD1	0.10713	0.358157	0.695422	-1.43798	0.186196	1.71386	1.71386	0.305006	0.664766	-1.50429	0.427404	0.732356	-1.36546	0.019164	0.336367	-2.97294	0.187132	0.584226	-1.71167	0.204017	1.67415	1.67415	0.121269	1.90752	1.90752	0.670027	0.848088	-1.17912	2.48571	5.81741	2.08031	1
cg17386991	POLR3F;C20orf12	0.107131	0.811214	0.968448	-1.03258	0.597473	1.07401	1.07401	0.0151233	0.670369	-1.49172	0.519762	1.09136	1.09136	0.130939	1.24422	1.24422	0.770573	0.961579	-1.03996	0.750597	0.958175	-1.04365	0.0899214	0.778459	-1.28459	0.113201	1.25981	1.25981	2.4857	0.70668	0.25271	1
cg04424643	ESRRB	0.107133	0.0365099	0.30613	-3.26659	0.180836	0.50056	-1.99776	0.717685	0.837911	-1.19344	0.385942	0.648625	-1.54172	0.0347343	0.301538	-3.31633	0.338886	0.618701	-1.61629	0.218936	1.87711	1.87711	0.0268805	0.278933	-3.58509	0.298243	0.591456	-1.69074	2.48568	9.3389	3.33963	1
cg14445229	TPPP	0.107136	0.21543	0.74567	-1.34108	0.180809	0.726278	-1.37688	0.0144082	0.507209	-1.97157	0.741802	0.928285	-1.07725	0.0528651	0.609402	-1.64095	0.424944	0.832439	-1.20129	0.0951081	1.51102	1.51102	0.839063	1.04683	1.04683	0.648041	0.901725	-1.10898	2.48565	1.99435	0.713195	1
cg21164099	HTA	0.107136	0.146261	0.441445	-2.26529	0.00989416	0.18109	-5.52213	0.0338611	0.272845	-3.66509	0.996396	1.00237	1.00237	0.0500111	0.309816	-3.22773	0.823464	0.889451	-1.12429	0.529507	0.716077	-1.3965	0.732906	1.19674	1.19674	0.380939	0.624262	-1.60189	2.48565	10.8217	3.86995	1
cg11691181	ARPC2;ARPC2	0.107136	0.819179	1.06382	1.06382	0.554332	1.17538	1.17538	0.802	0.934368	-1.07024	0.137562	0.649166	-1.54044	0.526988	0.840987	-1.18908	0.396571	0.790926	-1.26434	0.00949697	0.411566	-2.42975	0.159092	1.50172	1.50172	0.172225	1.48078	1.48078	2.48564	2.87367	1.02765	1
cg01304145	EEF2K	0.10714	0.167893	2.09723	2.09723	0.872222	1.08449	1.08449	0.783192	1.14912	1.14912	0.429361	1.50159	1.50159	0.141672	2.21729	2.21729	0.572198	0.750055	-1.33324	0.00852943	5.42702	5.42702	0.0610421	2.89739	2.89739	0.0580395	2.94353	2.94353	2.4856	9.99623	3.5748	1
cg27021986	LTK;LTK;LTK	0.107145	0.0281082	5.46656	5.46656	0.0751275	3.66194	3.66194	0.750891	0.811716	-1.23196	0.81562	1.16531	1.16531	0.434626	0.593255	-1.68562	0.735235	1.24896	1.24896	0.353718	0.535283	-1.86817	0.0573865	0.24467	-4.08714	0.169652	2.60687	2.60687	2.48555	16.8871	6.03921	1
cg12081267	TMEM131	0.107148	0.10244	0.287731	-3.47547	0.0193345	7.18366	7.18366	0.275858	2.20371	2.20371	0.0724785	0.247332	-4.04315	0.896002	0.912872	-1.09544	0.699506	1.31043	1.31043	0.453152	0.587017	-1.70353	0.379305	1.87517	1.87517	0.367204	0.524301	-1.9073	2.48553	19.1272	6.84038	1
cg11344692	RAB2A	0.107149	0.545074	0.89459	-1.11783	0.0360907	1.55787	1.55787	0.0112764	1.78113	1.78113	0.415341	0.859489	-1.16348	0.956905	1.00988	1.00988	0.584618	0.904479	-1.10561	0.220079	0.790964	-1.26428	0.85542	1.03373	1.03373	0.538019	1.12008	1.12008	2.48551	1.30204	0.465647	1
cg07481491	TBXA2R;TBXA2R	0.10715	0.198221	1.46379	1.46379	0.17932	0.670529	-1.49136	0.00701044	2.65638	2.65638	0.348334	1.31069	1.31069	0.711155	0.901023	-1.10985	0.212645	0.692246	-1.44457	0.908289	1.03282	1.03282	0.560444	0.847932	-1.17934	0.809792	1.0699	1.0699	2.48551	3.09078	1.10535	1
cg00383081	GLUL;GLUL	0.10715	0.829519	0.939295	-1.06463	0.270616	1.39532	1.39532	0.0661113	1.81977	1.81977	0.226057	0.69129	-1.44657	0.0221147	0.450714	-2.2187	0.510636	1.21385	1.21385	0.15717	1.55175	1.55175	0.736656	1.10299	1.10299	0.270772	0.716765	-1.39516	2.4855	3.32039	1.18747	1
cg15316508	PSMD6	0.107151	0.115302	0.423095	-2.36354	0.230273	0.531362	-1.88196	0.564397	0.746241	-1.34005	0.742869	1.17985	1.17985	0.160223	0.470599	-2.12495	0.205632	0.511299	-1.9558	0.0130238	0.212718	-4.70107	0.0156734	0.22579	-4.42889	0.235766	0.535682	-1.86678	2.4855	9.93537	3.55319	1
cg07504984	PHLDB3	0.107152	0.100686	0.649085	-1.54063	0.838914	0.952252	-1.05014	0.710661	1.0937	1.0937	0.0543271	0.591643	-1.69021	0.0105006	0.461135	-2.16856	0.947896	1.01583	1.01583	0.0427647	0.570883	-1.75167	0.500356	0.848378	-1.17872	0.991137	0.997334	-1.00267	2.48548	2.27438	0.813391	1
cg18414741	ZNF77	0.107153	0.0389887	1.40266	1.40266	0.618871	1.07359	1.07359	0.80607	0.96577	-1.03544	0.0310438	0.698751	-1.43113	0.32358	1.15531	1.15531	0.152238	1.24255	1.24255	0.206634	0.828109	-1.20757	0.253034	1.18418	1.18418	0.702451	0.9471	-1.05586	2.48548	0.789316	0.282286	1
cg20971014	SPPL2A;SPPL2A	0.107157	0.421461	0.773667	-1.29255	0.116281	1.7046	1.7046	0.520014	1.22603	1.22603	0.0416891	0.480136	-2.08274	0.0790933	1.83899	1.83899	?	?	?	0.183359	1.55444	1.55444	0.190322	1.54248	1.54248	0.282363	1.41775	1.41775	2.51156	3.45246	1.37463	1
cg21203562	POLS	0.107158	0.0906952	1.60086	1.60086	0.760307	1.08031	1.08031	0.615975	0.880144	-1.13618	0.618227	0.880873	-1.13524	0.0107064	0.444944	-2.24747	0.668792	0.897045	-1.11477	0.171646	0.692544	-1.44395	0.123744	0.656474	-1.52329	0.158667	0.683601	-1.46284	2.48543	2.50885	0.897267	1
cg13555415	RAPGEF1;RAPGEF1	0.107158	0.475532	0.736425	-1.35791	0.0309757	2.90957	2.90957	0.10733	2.09831	2.09831	0.580953	0.790498	-1.26503	0.742599	1.14908	1.14908	0.359986	1.48713	1.48713	0.0381089	2.75547	2.75547	0.156532	1.89468	1.89468	0.178283	0.547122	-1.82774	2.48542	6.999	2.50313	1
cg23129673	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.107159	0.067797	1.30265	1.30265	0.270805	0.862279	-1.15972	0.983956	1.0026	1.0026	0.114174	1.24868	1.24868	0.0173815	1.454	1.454	0.467554	1.10025	1.10025	0.236575	1.17384	1.17384	0.761859	0.961481	-1.04006	0.203055	0.840584	-1.18965	2.48541	0.657486	0.235145	1
cg09985351	IL17D	0.10716	0.181329	0.506961	-1.97254	0.746254	1.16816	1.16816	0.308267	0.6036	-1.65673	0.774461	0.871503	-1.14744	0.108222	0.432187	-2.31381	0.573279	0.761515	-1.31317	0.00785806	0.195389	-5.11801	0.0321922	0.300891	-3.32347	0.127445	0.454278	-2.2013	2.4854	9.02098	3.2263	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11996434	SLCO5A1	0.107163	0.542736	1.11173	1.11173	0.0986762	0.732501	-1.36519	0.651499	1.0813	1.0813	0.127117	0.753039	-1.32795	0.413938	1.1544	1.1544	0.0295603	0.643752	-1.55339	0.0817865	1.39315	1.39315	0.244391	0.811104	-1.23289	0.351761	0.848111	-1.17909	2.48537	1.16332	0.416062	1
cg13009711	ACTN1;ACTN1;ACTN1	0.107164	0.65905	0.929825	-1.07547	0.476186	0.888066	-1.12604	0.292147	0.836027	-1.19613	0.0759305	1.38216	1.38216	0.333439	1.1776	1.1776	0.268981	1.20761	1.20761	0.00894614	1.72436	1.72436	0.383039	0.863658	-1.15787	0.776211	1.04781	1.04781	2.48536	1.0569	0.377999	1
cg26045080	STK40	0.107166	0.392413	1.24695	1.24695	0.0893442	1.60298	1.60298	0.00787667	2.36019	2.36019	0.229768	1.37357	1.37357	0.697436	0.906273	-1.10342	0.197876	1.40892	1.40892	0.401967	1.24119	1.24119	0.171573	0.693063	-1.44287	0.937705	1.01988	1.01988	2.48534	2.49758	0.893266	1
cg05155862	YWHAG	0.107171	0.412291	1.10551	1.10551	0.273675	1.14603	1.14603	0.21399	1.16948	1.16948	0.202316	1.17477	1.17477	0.0312926	1.35298	1.35298	0.482881	0.918208	-1.08908	0.011206	1.46268	1.46268	0.9626	0.994405	-1.00563	0.426171	0.907349	-1.10211	2.48529	0.563559	0.201562	1
cg05138546	KRT36	0.107172	0.527701	1.32158	1.32158	0.0169302	0.281001	-3.5587	0.699525	1.18413	1.18413	0.0770073	0.42449	-2.35577	0.0382983	0.351292	-2.84663	0.443953	0.711697	-1.40509	0.575017	0.781254	-1.27999	0.0501638	0.377915	-2.6461	0.51465	0.749804	-1.33368	2.48528	7.47448	2.67334	1
cg25370753	CACNA1E	0.107178	0.275303	2.55933	2.55933	0.0217527	9.7826	9.7826	0.387592	2.08185	2.08185	0.501168	1.75999	1.75999	0.404644	0.493601	-2.02593	0.348397	2.22411	2.22411	0.0270305	0.114444	-8.73787	0.282526	2.52094	2.52094	0.817824	1.21051	1.21051	2.48522	26.9849	9.65172	1
cg17484874	STEAP3;STEAP3;STEAP3	0.107181	0.560469	0.894845	-1.11751	0.652424	0.917985	-1.08934	0.961577	0.990948	-1.00913	0.552759	1.12002	1.12002	0.0673535	0.679155	-1.47242	0.399962	1.1766	1.1766	0.00641632	1.95279	1.95279	0.400932	1.17619	1.17619	0.55759	1.11845	1.11845	2.48519	1.4022	0.50153	1
cg15636057	RBM42	0.107184	0.251742	0.875828	-1.14178	0.0649703	1.25793	1.25793	0.0133479	0.712197	-1.40411	0.390072	0.90708	-1.10244	0.671594	0.953876	-1.04835	0.514705	0.929453	-1.0759	0.341718	0.897196	-1.11458	0.10591	0.822375	-1.21599	0.501525	1.07846	1.07846	2.48516	0.482609	0.172619	1
cg27087781	YPEL3;YPEL3	0.107185	0.27559	0.76164	-1.31296	0.116025	0.663608	-1.50691	0.495729	0.847004	-1.18063	0.0616042	0.60325	-1.65769	0.238242	1.34522	1.34522	0.134516	1.47309	1.47309	0.134114	1.47377	1.47377	0.515182	1.17166	1.17166	0.117394	0.664799	-1.50421	2.48515	2.26823	0.811301	1
cg04477202	SPAST;SPAST	0.107187	0.511071	0.871363	-1.14763	0.695012	0.921829	-1.0848	0.278332	1.26221	1.26221	0.0644291	0.651052	-1.53598	0.0280613	1.70911	1.70911	0.128622	1.40393	1.40393	0.689209	1.08659	1.08659	0.767187	0.940512	-1.06325	0.0701391	1.51929	1.51929	2.48513	1.6796	0.600764	1
cg14986870	SFMBT2	0.107187	0.502774	0.652139	-1.53342	0.202977	2.32746	2.32746	0.898328	0.922791	-1.08367	0.276012	0.490528	-2.03862	0.00752287	0.115087	-8.68909	0.0383576	0.221262	-4.51954	0.710639	0.791169	-1.26395	0.346337	0.543575	-1.83967	0.354376	0.549407	-1.82014	2.48513	15.5512	5.56241	1
cg19447923	HRNBP3	0.107188	0.446315	1.60995	1.60995	0.00510558	9.67916	9.67916	0.577863	1.4118	1.4118	0.544199	0.686219	-1.45726	0.349549	1.8053	1.8053	0.169768	2.45256	2.45256	0.283756	0.505023	-1.98011	0.555749	1.44132	1.44132	0.361996	0.562825	-1.77675	2.48512	14.8113	5.29779	1
cg12601945	PAX7;PAX7;PAX7	0.10719	0.922908	0.908048	-1.10126	0.530706	0.531066	-1.88301	0.640611	1.59767	1.59767	0.819017	1.25658	1.25658	0.511239	0.514798	-1.94251	0.873856	0.853567	-1.17155	0.382286	0.409462	-2.44223	0.00268127	62.527	62.527	0.685626	1.50012	1.50012	2.4851	39.0857	13.9805	1
cg16819848	ZFYVE28	0.107193	0.0147064	8.92102	8.92102	0.758813	0.798963	-1.25162	0.807746	0.837219	-1.19443	0.050359	0.196789	-5.08158	0.552624	0.645451	-1.5493	0.0881657	0.253786	-3.94033	0.962859	1.03452	1.03452	0.452839	1.74602	1.74602	0.470352	0.585545	-1.70781	2.48506	20.9035	7.47701	1
cg01217745	LRP6	0.107194	0.651635	1.20244	1.20244	0.660797	1.19612	1.19612	0.22004	1.7013	1.7013	0.896336	0.948611	-1.05417	?	?	?	0.437365	0.724062	-1.3811	0.00892006	4.37894	4.37894	?	?	?	?	?	?	2.94546	4.84952	1.64644	1
cg00223767	UVRAG	0.107195	0.0607878	0.226744	-4.41025	0.00706562	0.0868052	-11.52	0.492929	0.613318	-1.63047	0.48472	0.607446	-1.64624	0.111225	0.295799	-3.38068	0.294395	0.466036	-2.14576	0.087534	0.266027	-3.75901	0.0492595	0.206875	-4.83384	0.423413	0.56326	-1.77538	2.48505	19.3986	6.93877	1
cg10274022	PLD3;PLD3	0.107195	0.47358	0.58545	-1.70809	0.887215	0.901013	-1.10986	0.315058	2.14482	2.14482	0.351788	0.494684	-2.02149	0.560562	0.649039	-1.54074	0.819016	1.18334	1.18334	0.343354	0.488217	-2.04827	0.0209607	7.69265	7.69265	0.0195429	7.94675	7.94675	2.48504	21.2335	7.59512	1
cg11894100	GRSF1;GRSF1	0.107198	0.439238	0.893952	-1.11863	0.478602	1.10779	1.10779	0.885198	1.02074	1.02074	0.448343	1.11605	1.11605	0.840131	1.02912	1.02912	0.392989	1.13241	1.13241	0.9526	0.991588	-1.00848	0.00366945	1.74754	1.74754	0.0633154	1.34549	1.34549	2.48501	0.794741	0.284279	1
cg02087079	COL23A1	0.107199	0.332583	1.65014	1.65014	0.0172281	4.28069	4.28069	0.0358639	3.39878	3.39878	0.189543	2.0064	2.0064	0.339693	0.610735	-1.63737	0.104009	2.43681	2.43681	0.559755	1.34382	1.34382	0.112587	2.37625	2.37625	0.118617	2.33706	2.33706	2.48501	9.88212	3.53484	1
cg13758221	PLXDC1	0.107199	0.69926	0.859671	-1.16324	0.977654	0.98915	-1.01097	0.353098	0.689236	-1.45088	0.834619	0.921794	-1.08484	0.0106416	0.286229	-3.49371	0.013784	0.305494	-3.27338	0.893092	1.05377	1.05377	0.165932	0.562435	-1.77798	0.14717	0.545573	-1.83293	2.485	5.97118	2.1359	1
cg06253655	CTBP2;CTBP2	0.107203	0.0181613	0.36064	-2.77285	0.279487	0.67048	-1.49147	0.657465	1.17195	1.17195	0.330531	1.42903	1.42903	0.109689	0.53793	-1.85898	0.245772	0.649457	-1.53975	0.806458	0.916425	-1.0912	0.600365	1.20677	1.20677	0.0279186	0.397076	-2.51841	2.48496	4.97535	1.77972	1
cg21120951	PET112L	0.107204	0.0276231	0.184386	-5.42339	0.604885	1.40331	1.40331	0.633738	1.36563	1.36563	0.144506	0.361484	-2.76638	0.0422771	0.219018	-4.56584	0.445064	0.603273	-1.65762	0.113199	0.326575	-3.06208	0.151835	0.369087	-2.70939	0.0396386	0.213398	-4.68608	2.48495	16.5863	5.93305	1
cg26503792	PPP1R10	0.107205	0.369582	0.604763	-1.65354	0.0396025	3.66517	3.66517	0.0273755	4.15573	4.15573	0.598628	1.33629	1.33629	0.0732311	0.33611	-2.97522	0.616099	0.758886	-1.31772	0.452637	0.658636	-1.51829	0.93756	0.958141	-1.04369	0.494624	0.684877	-1.46012	2.48495	11.7232	4.19349	1
cg08706405	TRAP1	0.107206	0.97852	1.00706	1.00706	0.00933571	2.36633	2.36633	0.0802529	1.6602	1.6602	0.709449	1.10271	1.10271	0.106632	0.631134	-1.58445	0.558407	1.1672	1.1672	0.593633	1.15108	1.15108	0.729951	0.913451	-1.09475	0.330205	0.769136	-1.30016	2.48494	2.68587	0.960766	1
cg21908886	FAM78B	0.107206	0.873532	0.934442	-1.07016	0.226254	0.58225	-1.71747	0.219478	0.577155	-1.73264	0.112206	2.0879	2.0879	0.0227477	0.313349	-3.19133	0.330004	1.53401	1.53401	0.109114	2.10372	2.10372	0.691343	1.18515	1.18515	0.340322	1.51937	1.51937	2.48494	7.13087	2.55079	1
cg19757535	IRF2	0.107206	0.309781	1.473	1.473	0.0827755	2.02979	2.02979	0.0653196	0.466544	-2.14342	0.376899	0.715963	-1.39672	0.915767	1.03976	1.03976	0.192051	1.6634	1.6634	0.822946	0.920735	-1.08609	0.0315637	2.53199	2.53199	0.161846	1.73402	1.73402	2.48493	5.34405	1.91163	1
cg05131629	NYX;NYX	0.107207	0.274091	1.53503	1.53503	0.516887	1.28077	1.28077	0.413005	0.729673	-1.37048	0.213802	0.61084	-1.63709	0.122997	0.533003	-1.87616	0.178364	1.71337	1.71337	0.0888553	0.493266	-2.0273	0.0479426	2.3431	2.3431	0.256367	0.640099	-1.56226	2.48493	5.58071	1.99629	1
cg22827060	UBL3;UBL3	0.107208	0.199732	0.844497	-1.18414	0.357364	0.888615	-1.12535	0.664782	0.947061	-1.0559	0.241065	0.858037	-1.16545	0.0613737	0.768776	-1.30077	0.264077	0.864822	-1.15631	0.00337091	0.608055	-1.64459	0.73267	0.958127	-1.0437	0.942761	1.009	1.009	2.48491	0.612542	0.219115	1
cg08409301	APLP1;APLP1	0.107209	0.307017	0.535139	-1.86867	0.74991	1.20814	1.20814	0.29446	1.90196	1.90196	0.82283	0.875823	-1.14178	0.590647	0.725385	-1.37858	0.00436081	0.10522	-9.50391	0.429894	1.61027	1.61027	0.282026	1.93668	1.93668	0.893054	1.08278	1.08278	2.48491	13.7572	4.92116	1
cg04058134	SNORA72;RPL30	0.107211	0.0483465	0.333339	-2.99995	0.262057	0.565805	-1.76739	0.340451	0.619769	-1.61351	0.55085	1.34163	1.34163	0.0427781	0.32123	-3.11303	0.844666	0.908895	-1.10024	0.0112547	0.213042	-4.69391	0.939682	0.963817	-1.03754	0.143477	0.465082	-2.15016	2.48489	9.33295	3.33856	1
cg09186578	GEN1;SMC6;GEN1;SMC6;GEN1	0.107213	0.884049	1.03353	1.03353	0.655615	1.10677	1.10677	0.675724	0.909302	-1.09975	0.339551	1.24916	1.24916	0.382038	1.2246	1.2246	0.518605	1.15939	1.15939	0.00473836	0.428344	-2.33457	0.142959	0.700603	-1.42734	0.798464	1.05953	1.05953	2.48486	2.01016	0.719078	1
cg15919431	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.107214	0.323902	1.45863	1.45863	0.208187	1.63503	1.63503	0.317931	1.46594	1.46594	0.992475	0.996512	-1.0035	0.556474	0.802208	-1.24656	0.553957	1.24836	1.24836	0.188449	1.67587	1.67587	0.0059144	3.7967	3.7967	0.0365985	2.45954	2.45954	2.48486	5.403	1.93277	1
cg04912316	FAM100B	0.107215	0.146256	0.612732	-1.63203	0.355883	1.34751	1.34751	0.602271	0.847781	-1.17955	0.762397	0.909161	-1.09991	0.00414373	0.299036	-3.34407	0.110039	0.578654	-1.72815	0.998185	1.00071	1.00071	0.734049	0.898435	-1.11305	0.273852	0.699339	-1.42992	2.48484	3.88187	1.38864	1
cg12308909	RPS6KA2;RPS6KA2	0.107217	0.162575	0.313366	-3.19115	0.0785093	4.5773	4.5773	0.359071	2.08342	2.08342	0.0264035	7.76115	7.76115	0.070121	0.2068	-4.8356	0.801013	0.821544	-1.21722	0.464284	0.560041	-1.78558	0.646501	0.698073	-1.43252	0.733299	0.766276	-1.30501	2.48482	23.8421	8.52898	1
cg01214340	PHF11;PHF11	0.107217	0.100459	5.12559	5.12559	0.0353228	9.26237	9.26237	0.119487	4.63824	4.63824	0.175489	3.70019	3.70019	0.980537	1.0224	1.0224	0.125511	4.5078	4.5078	0.0361672	9.13951	9.13951	0.0258505	11.0561	11.0561	0.106614	4.95356	4.95356	2.48482	32.4596	11.6117	1
cg12888534	RAMP1	0.107221	0.109975	0.524592	-1.90624	0.0742327	0.478729	-2.08886	0.0524383	0.441888	-2.26302	0.931118	0.968493	-1.03253	0.0502535	0.437585	-2.28527	0.097454	0.509955	-1.96096	0.0421306	0.4202	-2.37982	0.341261	1.43784	1.43784	0.479393	0.766244	-1.30507	2.48478	5.39626	1.93042	1
cg15082166	ZNF608	0.107222	0.293703	0.400062	-2.49961	0.190634	3.20804	3.20804	0.859794	1.16034	1.16034	0.039192	7.44234	7.44234	0.965584	0.964359	-1.03696	0.0663762	5.65107	5.65107	0.0736611	5.35082	5.35082	0.0413563	7.23615	7.23615	0.112711	4.27278	4.27278	2.48477	27.8416	9.95991	1
cg09467501	PYY;NAGS	0.107222	0.0880556	0.369502	-2.70634	0.49677	0.694243	-1.44042	0.957821	0.972414	-1.02837	0.0231467	4.20428	4.20428	0.0959559	0.380211	-2.63012	0.303463	0.569085	-1.75721	0.0699664	0.342446	-2.92017	0.855018	1.10157	1.10157	0.495725	0.693609	-1.44173	2.48477	11.0085	3.93814	1
cg25134134	NIN;NIN;NIN;NIN	0.107224	0.225139	0.722755	-1.3836	0.505057	1.18813	1.18813	0.115563	1.54649	1.54649	0.661045	1.11902	1.11902	0.0388592	1.83957	1.83957	0.804731	0.938821	-1.06517	0.0125529	2.20613	2.20613	0.150213	1.48153	1.48153	0.584734	1.15102	1.15102	2.48475	2.5561	0.914414	1
cg06738031	CTBP2;CTBP2	0.107228	0.20547	0.519062	-1.92655	0.0144053	0.227495	-4.3957	0.383571	0.644929	-1.55056	0.355935	1.59383	1.59383	0.524555	1.37241	1.37241	0.142278	0.46099	-2.16925	0.0393197	0.310221	-3.22351	0.878879	1.07773	1.07773	0.56379	1.33172	1.33172	2.48471	9.48346	3.39265	1
cg18275846	CCDC22	0.107231	0.463914	0.917976	-1.08935	0.215266	1.16154	1.16154	0.372089	0.900139	-1.11094	0.749084	1.03753	1.03753	0.0061388	0.663327	-1.50755	0.607203	1.06134	1.06134	0.493592	0.923285	-1.08309	0.109191	0.818296	-1.22205	0.212413	0.860034	-1.16274	2.48468	0.518657	0.185549	1
cg00768993	FLJ32063	0.107232	0.0251633	30.662	30.662	0.125491	8.42776	8.42776	0.203769	5.60853	5.60853	0.566472	2.10623	2.10623	0.0481978	18.2192	18.2192	0.387725	0.320437	-3.12074	0.0377557	22.1418	22.1418	0.112107	9.24351	9.24351	0.953082	1.07857	1.07857	2.48468	65.0292	23.2641	1
cg22295303	ZNF397;ZNF397	0.107232	0.206938	0.793904	-1.2596	0.394285	1.16335	1.16335	0.0445522	1.4918	1.4918	0.680584	1.07442	1.07442	0.327558	0.839248	-1.19154	0.234957	0.805848	-1.24093	0.356074	0.84823	-1.17893	0.26385	1.2238	1.2238	0.0303637	1.55481	1.55481	2.48467	1.18324	0.423302	1
cg19450240	MLKL;MLKL	0.107232	0.0204401	0.233753	-4.27803	0.558506	0.735033	-1.36048	0.411755	0.646187	-1.54754	0.334783	0.595982	-1.6779	0.11526	0.410272	-2.43741	0.03436	0.276878	-3.6117	0.102832	0.395119	-2.53088	0.0290515	0.262203	-3.81384	0.0717468	0.351323	-2.84638	2.48467	10.6527	3.81098	1
cg01636184	ST5	0.107232	0.0337966	0.388468	-2.57422	0.0476068	0.421347	-2.37334	0.0300628	0.377798	-2.64692	0.0481775	0.422538	-2.36665	0.0480451	0.422263	-2.36819	0.294776	0.660647	-1.51367	0.270798	0.645709	-1.54868	0.216369	0.608776	-1.64264	0.119652	0.525089	-1.90444	2.48467	5.72737	2.04896	1
cg11763509	BMP8A	0.107233	0.395245	2.96355	2.96355	0.156594	6.62373	6.62373	0.16098	6.47648	6.47648	0.697561	1.62787	1.62787	0.696991	1.62946	1.62946	0.0909753	10.2079	10.2079	0.0198646	33.3879	33.3879	0.0170615	37.6572	37.6572	0.0464803	17.207	17.207	2.48466	61.264	21.9172	1
cg20552236	CSK;CSK	0.107233	0.245679	0.576982	-1.73316	0.0141335	3.9417	3.9417	0.611157	1.26141	1.26141	0.386274	0.668799	-1.49522	0.306566	0.619128	-1.61518	0.165621	0.511846	-1.95371	0.253132	0.582404	-1.71702	0.595921	1.2743	1.2743	0.119647	0.465424	-2.14858	2.48466	8.07268	2.88801	1
cg20280415	UQCRC1	0.107234	0.537062	1.15484	1.15484	0.024771	1.85072	1.85072	0.756955	1.07412	1.07412	0.515525	1.164	1.164	0.0139664	0.496957	-2.01225	0.861915	0.960695	-1.04091	0.366171	0.807481	-1.23842	0.403737	0.821361	-1.21749	0.88474	1.03397	1.03397	2.48465	2.08756	0.746827	1
cg26605668	TMEM132B	0.107235	0.0683756	2.69722	2.69722	0.295575	1.69458	1.69458	0.444097	0.684279	-1.46139	0.398478	0.656812	-1.52251	0.461038	1.4404	1.4404	0.14819	0.470363	-2.12602	0.157789	0.479786	-2.08426	0.0355154	3.28767	3.28767	0.256039	1.77985	1.77985	2.48464	9.30471	3.32879	1
cg21336876	UHRF1BP1L;UHRF1BP1L	0.107236	0.401314	0.86289	-1.1589	0.207028	1.25663	1.25663	0.0722405	1.41115	1.41115	0.275358	0.82299	-1.21508	0.834971	0.964822	-1.03646	0.683727	0.932102	-1.07284	0.134289	0.757911	-1.31942	0.0451105	1.48388	1.48388	0.0864337	1.38424	1.38424	2.48463	1.15967	0.414877	1
cg06752633	PLD4	0.107236	0.411717	0.828937	-1.20636	0.172321	1.38361	1.38361	0.122141	0.687638	-1.45425	0.429739	1.19742	1.19742	0.810543	0.947734	-1.05515	0.0977552	1.5009	1.5009	0.0161712	1.93025	1.93025	0.18563	1.3685	1.3685	0.674646	0.909947	-1.09897	2.48463	1.96605	0.703364	1
cg11934170	DCHS2;DCHS2	0.107237	0.0885916	4.26415	4.26415	0.2108	2.76734	2.76734	0.0297593	0.138816	-7.2038	0.764607	1.2609	1.2609	0.911112	1.09004	1.09004	0.188362	2.93296	2.93296	0.264247	0.407247	-2.45551	0.0821921	0.226157	-4.42171	0.875726	0.886194	-1.12842	2.48462	23.4518	8.39003	1
cg13081568	NKAIN2	0.107237	0.0172059	0.210536	-4.74979	0.262126	0.533851	-1.87318	0.0399196	0.279494	-3.57789	0.346153	0.594068	-1.68331	0.0294751	0.252542	-3.95974	0.212649	0.494313	-2.02301	0.085856	0.360982	-2.77022	0.890565	0.92877	-1.07669	0.0933274	0.37128	-2.69339	2.48462	11.3378	4.05619	1
cg19257531	GADD45B	0.107238	0.263853	2.56234	2.56234	0.366725	0.472785	-2.11513	0.836928	0.846626	-1.18116	0.597775	1.53745	1.53745	0.466602	1.81937	1.81937	0.463385	1.82755	1.82755	0.0542192	0.171191	-5.84144	0.0107096	13.3457	13.3457	0.483668	0.562679	-1.77721	2.48461	25.6817	9.18783	1
cg10619411	LRRK1	0.107238	0.0567911	10.6232	10.6232	0.48549	2.17456	2.17456	0.862655	1.20899	1.20899	0.140614	5.68185	5.68185	0.0620057	10.006	10.006	0.523629	0.492424	-2.03077	0.018625	22.7915	22.7915	0.191889	4.54561	4.54561	0.0478343	11.9396	11.9396	2.48461	47.2724	16.9121	1
cg11756214	ZNF347	0.10724	0.750974	1.03139	1.03139	0.0092142	0.725456	-1.37844	0.714943	0.965013	-1.03626	0.884193	1.01425	1.01425	0.0920965	1.19725	1.19725	0.837237	0.980227	-1.02017	0.347599	1.09845	1.09845	0.441792	0.926677	-1.07912	0.128827	1.17276	1.17276	2.48458	0.370938	0.132707	1
cg24513014	CAMTA1	0.107244	0.137286	0.413011	-2.42124	0.482974	0.674402	-1.48279	0.0140036	0.187037	-5.34654	0.126479	0.401173	-2.49269	0.663831	1.27331	1.27331	0.120226	0.394058	-2.5377	0.122726	0.396928	-2.51935	0.107291	0.378618	-2.64118	0.0342817	0.255514	-3.91369	2.48455	12.0121	4.29754	1
cg03979241	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.107245	0.7053	1.23402	1.23402	0.731538	0.826458	-1.20998	0.0939252	2.77152	2.77152	0.179323	2.20221	2.20221	0.548335	0.7145	-1.39958	0.303522	0.554421	-1.80368	0.0213653	0.216382	-4.62145	0.0576868	0.304868	-3.28011	0.9092	1.06518	1.06518	2.48454	12.0538	4.31246	1
cg17863679	ZNF711	0.107246	0.0287915	0.120311	-8.31177	0.0632566	0.185603	-5.38784	0.558766	1.58119	1.58119	0.179695	3.07788	3.07788	0.208027	0.351897	-2.84174	?	?	?	?	?	?	0.163395	0.308608	-3.24035	0.765858	0.793953	-1.25952	2.90788	20.3205	5.98979	1
cg10874251	C4orf42;C4orf42	0.107247	0.244269	2.26828	2.26828	0.0201991	6.57511	6.57511	0.549134	1.50312	1.50312	0.0985415	3.38049	3.38049	0.0872954	0.281038	-3.55823	0.331766	0.510053	-1.96058	0.229538	0.428405	-2.33424	0.695358	1.30291	1.30291	0.966498	0.972157	-1.02864	2.48452	17.7875	6.36386	1
cg03794214	RRP7A	0.107247	0.257002	0.685792	-1.45817	0.893028	0.958011	-1.04383	0.929577	1.02858	1.02858	0.406408	0.762773	-1.31101	0.0155881	0.388474	-2.57418	0.242398	0.677008	-1.47709	0.00950514	0.350826	-2.85042	0.659534	1.15183	1.15183	0.268842	0.692694	-1.44364	2.48452	3.99991	1.43105	1
cg18064787	TMEM102	0.107251	0.0967649	1.52044	1.52044	0.0980572	1.51753	1.51753	0.129934	1.4564	1.4564	0.217428	1.34748	1.34748	0.129118	0.685985	-1.45776	0.702737	0.915646	-1.09213	0.0506572	1.66834	1.66834	0.0875732	1.54253	1.54253	0.610471	0.88863	-1.12533	2.48448	2.0785	0.743641	1
cg27593384	CDH2	0.107254	?	?	?	0.351797	0.5384	-1.85736	0.549139	1.47794	1.47794	0.0550345	0.239919	-4.16807	0.0636446	0.255054	-3.92073	0.0317361	0.189946	-5.26465	0.757081	1.22103	1.22103	0.421258	0.588445	-1.69939	0.186003	2.48489	2.48489	2.66256	15.1865	4.99074	1
cg20580088	HIF1A;HIF1A	0.107265	0.362976	0.559842	-1.78622	0.494653	0.65033	-1.53768	0.428806	1.65065	1.65065	0.641743	0.747725	-1.33739	0.0496484	0.249206	-4.01274	0.447641	0.618669	-1.61637	0.470752	0.634297	-1.57655	0.00981859	7.57795	7.57795	0.731	0.807247	-1.23878	2.48434	15.1469	5.41953	1
cg07230446	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.107267	0.339907	1.16679	1.16679	0.0988884	0.752943	-1.32812	0.068231	0.725993	-1.37742	0.179509	0.799641	-1.25056	0.0541779	1.40876	1.40876	0.919921	0.984353	-1.0159	0.156943	1.26796	1.26796	0.316543	1.17632	1.17632	0.578833	0.915818	-1.09192	2.48432	0.967726	0.346253	1
cg03109701	RNFT2;RNFT2;C12orf49	0.107268	0.107779	0.604281	-1.65486	0.16166	0.651189	-1.53565	0.530869	1.19986	1.19986	0.509673	1.21164	1.21164	0.03259	0.487785	-2.05008	0.722103	0.90258	-1.10793	0.182547	0.666294	-1.50084	0.0414039	0.509087	-1.9643	0.210227	1.46078	1.46078	2.4843	3.24138	1.15977	1
cg01234248	RASSF8;RASSF8;RASSF8	0.107269	0.290319	0.557339	-1.79424	0.235302	0.515521	-1.93979	0.191169	0.47844	-2.09013	0.911997	1.06066	1.06066	0.00519476	0.140178	-7.13377	0.453452	0.665775	-1.50201	0.0638046	0.329597	-3.03401	0.498888	1.44149	1.44149	0.223641	0.506088	-1.97594	2.4843	11.1644	3.99466	1
cg27407707	TNRC6A	0.107271	0.716113	1.04223	1.04223	0.0329697	1.32636	1.32636	0.175684	1.17712	1.17712	0.883381	1.01676	1.01676	0.191263	1.16964	1.16964	0.0845375	1.2412	1.2412	0.0892955	0.808813	-1.23638	0.472329	0.920546	-1.08631	0.0858964	1.23979	1.23979	2.48427	0.504631	0.18056	1
cg02320481	IRS2;IRS2	0.107272	0.712095	0.924654	-1.08149	0.235759	1.30028	1.30028	0.0366776	1.67033	1.67033	0.167622	1.36455	1.36455	0.72923	1.0762	1.0762	0.119191	0.699516	-1.42956	0.866273	0.965009	-1.03626	0.0305638	1.71092	1.71092	0.122392	1.42446	1.42446	2.48427	1.7572	0.628739	1
cg00174851	AKR1B1	0.10728	0.113464	0.568435	-1.75922	0.796031	1.08867	1.08867	0.0140521	2.70308	2.70308	0.906033	1.03949	1.03949	0.580562	0.832734	-1.20086	0.656002	0.863264	-1.15839	0.100835	0.554672	-1.80287	0.10053	0.554324	-1.804	0.78792	1.09246	1.09246	2.48418	4.23181	1.51422	1
cg09509503	DAB1	0.107282	0.151398	1.66912	1.66912	0.0267747	0.417095	-2.39754	0.158083	0.604759	-1.65355	0.595098	0.836307	-1.19573	0.278192	0.686749	-1.45614	0.252827	1.4889	1.4889	0.0889423	1.86867	1.86867	0.549932	0.817427	-1.22335	0.34923	0.72532	-1.3787	2.48417	4.3696	1.56354	1
cg04872623	MYO15B	0.107282	0.309986	0.777786	-1.2857	0.995497	1.00135	1.00135	0.715691	0.916219	-1.09144	0.477337	0.841282	-1.18866	0.0400215	0.566819	-1.76423	0.800806	1.06234	1.06234	0.016697	2.01159	2.01159	0.0897301	0.639254	-1.56432	0.757616	0.928626	-1.07686	2.48416	2.25126	0.80555	1
cg06288632	PREB	0.107282	0.474759	0.813355	-1.22948	0.0133359	2.38999	2.38999	0.405733	1.27348	1.27348	0.950742	0.982595	-1.01771	0.159566	1.53292	1.53292	0.23773	1.42122	1.42122	0.0915836	1.69551	1.69551	0.198252	0.679467	-1.47174	0.37826	0.773421	-1.29296	2.48416	3.17802	1.13717	1
cg05992904	FAM19A5	0.107284	0.58541	1.12614	1.12614	0.0350581	1.69825	1.69825	0.0182167	1.85558	1.85558	0.933936	1.01804	1.01804	0.750973	0.93364	-1.07108	0.570232	1.13172	1.13172	0.0841383	1.51001	1.51001	0.622908	1.11281	1.11281	0.127476	0.70087	-1.4268	2.48414	1.82989	0.654782	1
cg05578865	FOXK2	0.107286	0.809226	0.908762	-1.1004	0.011173	3.5178	3.5178	0.152816	1.83245	1.83245	0.612519	1.22388	1.22388	0.277987	0.640035	-1.56241	0.971358	0.985898	-1.0143	0.0393805	2.567	2.567	0.209018	1.68844	1.68844	0.656584	0.837769	-1.19365	2.48412	6.15564	2.20266	1
cg19945464	GAS2;GAS2	0.107288	0.961784	0.992065	-1.008	0.00612394	0.551681	-1.81264	0.124315	1.31877	1.31877	0.136587	0.765931	-1.3056	0.817806	0.962359	-1.03911	0.513926	0.895778	-1.11635	0.33914	0.848896	-1.178	0.284414	0.831193	-1.20309	0.686715	1.06974	1.06974	2.4841	1.08769	0.389208	1
cg04460364	NDEL1;NDEL1	0.107288	0.569467	0.781788	-1.27912	0.928886	0.962499	-1.03896	0.0208798	3.28861	3.28861	0.592465	0.793454	-1.26031	0.0185658	0.29456	-3.39489	0.277054	1.62267	1.62267	0.673957	0.834274	-1.19865	0.382899	1.46691	1.46691	0.684747	1.19098	1.19098	2.4841	7.21363	2.58126	1
cg26872780	EPC2	0.107289	0.154193	0.776546	-1.28775	0.771827	0.952935	-1.04939	0.0160812	1.62972	1.62972	0.998089	1.0004	1.0004	0.499546	0.89258	-1.12035	0.0991875	0.741054	-1.34943	0.109141	0.748522	-1.33597	0.166855	0.783209	-1.2768	0.97246	1.00574	1.00574	2.48409	1.0815	0.386998	1
cg25391820	MATR3;SNHG4	0.107292	0.0116506	0.235965	-4.23792	0.187141	0.527091	-1.89721	0.093892	0.430111	-2.32498	0.395392	0.671213	-1.48984	0.0256181	0.296863	-3.36856	0.394132	0.670465	-1.4915	0.0642605	0.385852	-2.59167	0.274612	0.594136	-1.68312	0.0935282	0.42963	-2.32758	2.48407	8.25349	2.9534	1
cg22291318	ZNF749;ZNF749	0.107293	0.311164	0.862153	-1.15989	0.158738	1.23768	1.23768	0.0939571	1.29782	1.29782	0.877941	1.02199	1.02199	0.438511	1.11835	1.11835	0.241285	0.840608	-1.18962	0.0510902	0.730168	-1.36955	0.045685	0.723027	-1.38307	0.78024	1.04039	1.04039	2.48406	0.788287	0.282079	1
cg08792542	SERPINE1;SERPINE1	0.107293	0.352672	0.81402	-1.22847	0.0301375	1.73089	1.73089	0.206966	0.751002	-1.33155	0.927356	1.01981	1.01981	0.374222	0.821812	-1.21682	0.371957	0.821005	-1.21802	0.0203594	1.82503	1.82503	0.681961	0.915165	-1.0927	0.793848	0.945212	-1.05796	2.48405	1.82121	0.651699	1
cg17946284	GXYLT2	0.107299	0.115221	0.81886	-1.22121	0.0684593	0.78819	-1.26873	0.0852285	0.80088	-1.24863	0.0709841	0.790269	-1.26539	0.0784094	1.25625	1.25625	0.397793	1.10631	1.10631	0.887041	0.983551	-1.01672	0.289845	0.879683	-1.13677	0.711822	1.04425	1.04425	2.48399	0.535684	0.191693	1
cg21300318	MIR7-3;C19orf30	0.107301	0.0920739	0.44498	-2.24729	0.469074	0.724959	-1.37939	0.4612	1.38759	1.38759	0.549914	0.767855	-1.30233	0.0332278	0.337269	-2.965	0.0572012	0.390832	-2.55864	0.0192391	0.290377	-3.4438	0.101558	0.457146	-2.18748	0.476207	0.728822	-1.37208	2.48397	7.50118	2.6843	1
cg14496753	LHX6;LHX6	0.107302	0.0209042	6.09689	6.09689	0.444661	1.65998	1.65998	0.895347	1.08937	1.08937	0.925315	0.940839	-1.06288	0.480052	0.62692	-1.5951	0.0644717	0.258988	-3.86118	0.260925	0.466452	-2.14384	0.0688366	3.76009	3.76009	0.484223	1.58783	1.58783	2.48396	16.6424	5.95551	1
cg21597649	TMEM106B;TMEM106B	0.107302	0.122249	1.40044	1.40044	0.0677836	1.50893	1.50893	0.177327	0.749529	-1.33417	0.788393	1.05558	1.05558	0.219906	1.29614	1.29614	0.0523842	1.55834	1.55834	0.0838676	0.68068	-1.46912	0.571275	0.891321	-1.12193	0.926004	1.01885	1.01885	2.48396	1.59073	0.569244	1
cg02128483	AP2A2	0.107303	0.0474055	0.360728	-2.77217	0.105097	2.2169	2.2169	0.893293	0.941452	-1.06219	0.368361	1.51491	1.51491	0.0174337	0.27222	-3.6735	0.415436	0.687843	-1.45382	0.778549	0.880966	-1.13512	0.492445	1.36807	1.36807	0.329356	0.636013	-1.57229	2.48395	7.95024	2.84501	1
cg05099066	CCDC7;CCDC7	0.107303	0.0375463	0.470587	-2.125	0.279757	0.703979	-1.4205	0.101101	1.75217	1.75217	0.0926163	0.560957	-1.78267	0.755687	0.907102	-1.10241	0.148115	0.61592	-1.62359	0.429682	1.28637	1.28637	0.795394	0.92203	-1.08456	0.0550008	0.50677	-1.97328	2.48395	3.83887	1.37375	1
cg24880222	HDC	0.107303	0.40426	0.715265	-1.39808	0.184923	0.575741	-1.73689	0.276359	0.641085	-1.55985	0.119345	0.514957	-1.94191	0.994525	1.0027	1.0027	0.0805021	2.14085	2.14085	0.0428043	0.400315	-2.49804	0.603781	1.22824	1.22824	0.0411715	0.396535	-2.52185	2.48395	6.06553	2.17057	1
cg10716309	KIF13A;KIF13A;KIF13A;KIF13A	0.107307	0.730163	0.950869	-1.05167	0.631674	1.0728	1.0728	0.0499495	0.722309	-1.38445	0.387009	1.13771	1.13771	0.679334	1.06235	1.06235	0.0967932	0.767022	-1.30374	0.0256966	1.4704	1.4704	0.188306	0.816413	-1.22487	0.565481	1.08821	1.08821	2.48391	0.832879	0.298053	1
cg10329579	RCC2;RCC2	0.107307	0.674936	0.776525	-1.28779	0.389087	1.69771	1.69771	0.616509	0.738763	-1.35361	0.208963	0.451947	-2.21265	0.0128298	0.156728	-6.38048	0.0307341	0.218333	-4.58016	0.13428	0.379738	-2.63339	0.759694	1.20199	1.20199	0.124884	0.369295	-2.70786	2.48391	14.1458	5.06219	1
cg10821304	NSD1	0.107307	0.976344	1.00574	1.00574	0.243289	0.790042	-1.26576	0.350304	0.830634	-1.2039	0.67011	1.08623	1.08623	0.293852	1.23389	1.23389	0.0722653	1.47286	1.47286	0.0156056	1.77234	1.77234	0.33746	1.21031	1.21031	0.0628718	1.49772	1.49772	2.48391	1.46571	0.524519	1
cg06610641	ZNF527	0.107308	?	?	?	0.537442	1.27827	1.27827	0.0321814	2.68176	2.68176	0.954251	1.02281	1.02281	?	?	?	0.0125748	3.38789	3.38789	0.36587	1.4409	1.4409	0.105692	2.00346	2.00346	0.346651	1.46379	1.46379	2.54224	4.841	2.17625	1
cg20509092	FAM169A	0.10731	0.831011	1.06917	1.06917	0.647014	0.86564	-1.15521	0.0306244	2.21415	2.21415	0.619067	1.16982	1.16982	0.0714559	0.532605	-1.87756	0.352215	0.741116	-1.34932	0.0368136	0.468144	-2.1361	0.184972	0.64406	-1.55265	0.631969	0.859834	-1.16301	2.48388	3.85273	1.37875	1
cg00675737	ANKRD11	0.107311	0.081488	0.62	-1.6129	0.178496	0.701961	-1.42458	0.0348878	0.544067	-1.83801	0.984832	0.995305	-1.00472	0.0189661	0.494944	-2.02043	0.0719369	0.60816	-1.6443	0.138499	0.673803	-1.48411	0.0551686	0.5838	-1.71292	0.389349	0.803816	-1.24407	2.48387	2.41099	0.862808	1
cg17078988	TMEM71;TMEM71	0.107312	0.84757	1.08151	1.08151	0.500039	1.32149	1.32149	0.285405	0.636486	-1.57113	0.999071	1.00047	1.00047	0.432267	1.3859	1.3859	0.00700575	0.241741	-4.13665	0.561771	1.26983	1.26983	0.851085	0.926328	-1.07953	0.0453522	0.392677	-2.54662	2.48386	6.52259	2.33421	1
cg18236745	MAP2K2	0.107313	0.642773	1.12748	1.12748	0.330696	1.29411	1.29411	0.71667	0.910628	-1.09814	0.0776319	0.604228	-1.655	0.267635	0.74332	-1.34532	0.016087	0.469244	-2.13109	0.0732987	1.67032	1.67032	0.498584	0.838224	-1.193	0.896302	0.967059	-1.03406	2.48385	2.59573	0.928927	1
cg14473743	NUP210	0.107313	0.175124	0.598572	-1.67064	0.0809385	1.99119	1.99119	0.105032	1.87837	1.87837	0.0578441	2.14521	2.14521	0.998769	0.999451	-1.00055	0.585963	1.21622	1.21622	0.0927441	1.93157	1.93157	0.0272228	2.53486	2.53486	0.633973	1.18615	1.18615	2.48385	4.9827	1.78315	1
cg19139277	ZNF395;ZNF395	0.107315	0.390765	0.691778	-1.44555	0.89269	0.945012	-1.05819	0.352053	0.669447	-1.49377	0.0513032	0.394603	-2.5342	0.739328	0.869419	-1.15019	0.173045	1.83593	1.83593	0.705083	1.17272	1.17272	0.0790963	2.26359	2.26359	0.0323351	2.85798	2.85798	2.48383	6.90743	2.47197	1
cg14252998	SIGMAR1;SIGMAR1	0.107317	0.387287	0.728996	-1.37175	0.244262	1.54421	1.54421	0.0260576	2.56506	2.56506	0.428991	1.33375	1.33375	0.0594343	0.468169	-2.13598	0.900877	1.04545	1.04545	0.219778	0.631126	-1.58447	0.109185	1.86461	1.86461	0.942427	0.974567	-1.0261	2.4838	5.00484	1.7911	1
cg15114107	GUK1;GUK1	0.10732	0.498079	0.880052	-1.1363	0.548193	0.893262	-1.11949	0.337609	1.20158	1.20158	0.785899	0.950677	-1.05188	0.344201	0.834435	-1.19842	0.0938768	0.710197	-1.40806	0.0991603	1.39906	1.39906	0.398982	0.851796	-1.17399	0.0161418	1.72768	1.72768	2.48378	1.35751	0.485823	1
cg06825512	APCDD1	0.10732	0.27188	0.608508	-1.64336	0.00461812	0.194574	-5.13943	0.280308	0.61421	-1.62811	0.870273	1.07357	1.07357	0.0574733	0.393313	-2.54251	0.27531	0.610839	-1.63709	0.117449	0.477824	-2.09282	0.705709	0.84809	-1.17912	0.89953	1.05639	1.05639	2.48378	7.42027	2.65555	1
cg23875854	PRKCQ	0.10732	0.0370841	0.512749	-1.95027	0.490252	0.82417	-1.21334	0.0242345	0.476502	-2.09863	0.936656	0.978306	-1.02218	0.101973	0.61022	-1.63875	0.558447	0.849346	-1.17738	0.0697812	1.7499	1.7499	0.620486	0.871331	-1.14767	0.495077	0.825995	-1.21066	2.48377	2.99526	1.07194	1
cg24596691	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.107321	0.84226	0.938448	-1.06559	0.759907	0.906894	-1.10266	0.658104	0.867623	-1.15257	0.905618	0.962888	-1.03854	0.00386431	0.289108	-3.45892	0.151356	0.612518	-1.63261	0.783757	1.09167	1.09167	0.0545533	0.498894	-2.00444	0.282848	0.700622	-1.4273	2.48377	3.99889	1.43112	1
cg03436149	STIP1	0.107325	0.0217968	0.298221	-3.35322	0.0839905	0.452759	-2.20868	0.922795	0.96318	-1.03823	0.421563	1.38011	1.38011	0.742362	1.13648	1.13648	0.201981	0.582451	-1.71688	0.0803528	2.23738	2.23738	0.825082	1.08952	1.08952	0.26585	1.5857	1.5857	3.1884	6.93836	1.20896	1
cg12584826	PDZRN3	0.107325	0.0336766	0.158763	-6.29868	0.0206454	0.126464	-7.90736	0.226578	0.389886	-2.56485	0.996462	0.996716	-1.00329	0.0607395	0.208369	-4.79917	0.145333	0.313465	-3.19014	0.0999324	0.262525	-3.80916	0.236734	0.398645	-2.5085	0.0497048	0.189979	-5.26373	2.48373	21.6494	7.748	1
cg01740020	MICAL2	0.107327	0.89202	0.97748	-1.02304	0.754349	1.05405	1.05405	0.0559139	1.43791	1.43791	0.196118	0.795135	-1.25765	0.486889	0.888279	-1.12577	0.00846247	0.569056	-1.7573	0.385738	0.861461	-1.16082	0.546876	0.902809	-1.10765	0.333229	0.84587	-1.18222	2.48371	1.10633	0.395944	1
cg07986525	NFE2L3	0.107327	0.253354	0.85796	-1.16556	0.0278298	1.39634	1.39634	0.0304495	1.3863	1.3863	0.730301	0.956533	-1.04544	0.28966	0.868368	-1.15159	0.111138	1.24967	1.24967	0.755175	0.960626	-1.04099	0.356396	1.12955	1.12955	0.401025	1.11671	1.11671	2.48371	0.648732	0.232173	1
cg08776014	RIPK4	0.107328	0.316344	1.69175	1.69175	0.0161295	4.45531	4.45531	0.33955	1.64804	1.64804	0.531305	1.37966	1.37966	0.258497	1.81916	1.81916	0.0633468	2.88565	2.88565	0.164049	2.12472	2.12472	0.0250758	3.86731	3.86731	0.0350858	3.47667	3.47667	2.4837	10.1325	3.62631	1
cg08041019	ATXN2;ATXN2	0.107329	0.698538	0.925681	-1.08029	0.721754	1.07353	1.07353	0.904576	1.02408	1.02408	0.49947	1.14571	1.14571	0.839933	1.04095	1.04095	0.257212	1.26444	1.26444	0.0078765	0.508408	-1.96692	0.347715	1.21149	1.21149	0.0643758	1.51035	1.51035	2.48368	1.54882	0.554308	1
cg11714793	SDCCAG8	0.107331	0.411878	1.34073	1.34073	0.502302	0.788248	-1.26864	0.378042	0.729004	-1.37173	0.333694	0.705778	-1.41688	0.0358058	2.34805	2.34805	0.233018	0.645961	-1.54808	0.0165478	2.78175	2.78175	0.569123	1.22274	1.22274	0.84998	1.06841	1.06841	2.48367	4.80397	1.71931	1
cg27056016	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.107335	0.575938	0.895901	-1.1162	0.00231992	2.28774	2.28774	0.68614	0.924015	-1.08223	0.674172	1.08573	1.08573	0.662112	0.918018	-1.0893	0.963845	0.991221	-1.00886	0.94882	1.01257	1.01257	0.697697	1.07889	1.07889	0.574435	0.895505	-1.11669	2.48363	1.48849	0.532728	1
cg25558103	ADAM11	0.107338	0.276548	0.318473	-3.13998	0.114876	5.6595	5.6595	0.0945413	6.41035	6.41035	0.210427	3.79705	3.79705	0.214368	0.266717	-3.7493	0.231233	3.55933	3.55933	0.384398	0.4059	-2.46366	0.0252432	14.7323	14.7323	0.478886	2.0705	2.0705	2.4836	40.2038	14.3891	1
cg23989297	C20orf96;C20orf96	0.107338	0.012733	2.27479	2.27479	0.308603	1.32286	1.32286	0.206335	0.701933	-1.42464	0.292487	0.748277	-1.3364	0.204284	1.42718	1.42718	0.168067	1.47707	1.47707	0.714804	0.907154	-1.10235	0.29344	0.748737	-1.33558	0.369477	1.27727	1.27727	2.48359	2.77306	0.992491	1
cg19906737	C8orf41;C8orf41;C8orf41	0.107339	0.341266	1.33846	1.33846	0.7136	0.896208	-1.11581	0.435276	0.789281	-1.26698	0.649274	0.872751	-1.1458	0.779207	1.08714	1.08714	0.377277	0.763898	-1.30908	0.00314378	0.301185	-3.32022	0.37649	1.30969	1.30969	0.981604	1.00688	1.00688	2.48359	3.47598	1.24407	1
cg20592940	ABR;ABR;ABR	0.107342	0.00690111	7.0748	7.0748	0.324128	1.76778	1.76778	0.504373	1.46088	1.46088	0.219738	2.05852	2.05852	0.656163	1.28493	1.28493	0.124887	2.53304	2.53304	0.197488	2.14294	2.14294	0.340254	0.577022	-1.73303	0.0580988	3.31451	3.31451	2.48356	12.3123	4.40668	1
cg09047361	PRICKLE1	0.107343	0.262396	1.58299	1.58299	0.61637	1.21963	1.21963	0.0165437	0.316397	-3.16058	0.230264	1.64004	1.64004	0.376623	0.700041	-1.42849	0.388382	1.41549	1.41549	0.41441	1.38809	1.38809	0.186951	1.73293	1.73293	0.118109	0.51327	-1.94829	2.48355	6.07687	2.17498	1
cg12194828	PIGA;PIGA	0.107344	0.0526475	0.176266	-5.67324	0.990644	0.990804	-1.00928	0.877191	0.885289	-1.12957	0.05892	5.36913	5.36913	0.0442189	6.17873	6.17873	0.0810006	0.21776	-4.59222	0.868102	0.877258	-1.13992	0.82828	1.18667	1.18667	0.561983	1.58719	1.58719	2.48354	24.4177	8.7394	1
cg21167761	USP35	0.107344	0.098963	0.382687	-2.6131	0.842191	0.899562	-1.11165	0.557289	1.37049	1.37049	0.743708	0.840122	-1.1903	0.050952	0.307094	-3.25633	0.0919992	0.373463	-2.67764	0.00895939	0.171165	-5.8423	0.198672	0.48614	-2.05702	0.245343	0.524536	-1.90645	2.48354	11.0906	3.96946	1
cg23069046	LOC285780	0.107346	0.29659	0.654097	-1.52883	0.885607	0.945099	-1.05809	0.00725852	0.257042	-3.89041	0.22072	0.603507	-1.65698	0.0228227	0.343512	-2.91111	0.817195	0.91318	-1.09507	0.641207	1.20213	1.20213	0.232704	0.612089	-1.63375	0.259966	0.630708	-1.58552	2.48351	6.05182	2.16604	1
cg24107979	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.107348	0.0469442	2.9083	2.9083	0.29163	0.598305	-1.67139	0.907172	0.946714	-1.05629	0.970957	1.01724	1.01724	0.307011	1.64282	1.64282	0.112655	0.444571	-2.24936	0.565638	1.31339	1.31339	0.0186764	0.262325	-3.81207	0.773924	1.14476	1.14476	2.4835	8.66731	3.10219	1
cg04882341	C4orf27	0.107348	0.121412	0.553025	-1.80824	0.142257	0.573225	-1.74452	0.114157	0.545422	-1.83344	0.601621	0.830432	-1.20419	0.0665094	0.483907	-2.06651	0.984386	1.00693	1.00693	0.00688376	0.291074	-3.43555	0.538964	0.802982	-1.24536	0.571402	1.22355	1.22355	2.48349	4.89427	1.75175	1
cg11631707	LRRN4	0.107349	0.241324	0.825262	-1.21174	0.735766	1.05447	1.05447	0.119516	0.767576	-1.3028	0.505702	1.11154	1.11154	0.825656	1.03515	1.03515	0.471321	1.12158	1.12158	0.00784482	1.70615	1.70615	0.289656	0.841899	-1.18779	0.463762	0.889788	-1.12386	2.48348	0.964406	0.345181	1
cg00384537	KRT35	0.107351	0.515539	0.618434	-1.61699	0.147938	3.09984	3.09984	0.849586	1.14841	1.14841	0.502997	0.609307	-1.64121	0.0419731	0.181181	-5.51933	0.373387	0.513749	-1.94648	0.109004	0.279734	-3.57482	0.0151519	0.113635	-8.80007	0.223537	0.393729	-2.53982	2.48347	20.8951	7.47881	1
cg10251368	PRR14	0.107352	0.143614	0.533437	-1.87463	0.918414	0.960287	-1.04136	0.00542201	0.220162	-4.54211	0.136167	0.526011	-1.9011	0.775705	1.11965	1.11965	0.245194	0.616275	-1.62265	0.077387	0.454124	-2.20204	0.771897	0.891363	-1.12188	0.746002	1.13724	1.13724	2.63653	6.39344	1.88607	1
cg14860928	GAK	0.107358	0.0616418	0.690673	-1.44786	0.15375	0.764525	-1.308	0.254017	0.811059	-1.23296	0.623397	0.916665	-1.09091	0.593899	1.09924	1.09924	0.0746849	1.41774	1.41774	0.0387977	1.52295	1.52295	0.595218	0.910033	-1.09886	0.628864	1.0894	1.0894	2.48339	1.21573	0.43515	1
cg23736843	RASAL1	0.107361	0.109344	4.26653	4.26653	0.133084	3.84443	3.84443	0.0998243	4.47577	4.47577	0.8877	0.889213	-1.12459	0.233328	0.354009	-2.82479	0.925861	1.08041	1.08041	0.15138	0.278733	-3.58766	0.022088	9.78519	9.78519	0.740195	1.31855	1.31855	2.48336	27.1608	9.72185	1
cg21459867	IDUA;SLC26A1;SLC26A1;SLC26A1	0.107362	0.0195459	0.276369	-3.61835	0.400391	0.675507	-1.48037	0.945052	1.03191	1.03191	0.676793	0.826096	-1.21051	0.0806281	0.413529	-2.41821	0.227847	0.561647	-1.78048	0.0288257	0.308896	-3.23734	0.743328	0.860927	-1.16154	0.025978	0.299868	-3.33481	2.48336	8.16865	2.92387	1
ch.2.3151712R	FMNL2	0.107362	0.0187771	0.331287	-3.01853	0.405968	0.719012	-1.3908	0.446262	0.739902	-1.35153	0.0172249	0.324324	-3.08334	0.754791	0.885532	-1.12926	0.901019	1.04946	1.04946	0.774137	1.11811	1.11811	0.147092	1.8289	1.8289	0.357868	0.692899	-1.44321	2.48335	5.92128	2.11946	1
cg02676476	H6PD	0.107366	0.0689539	0.474959	-2.10544	0.0286727	0.388994	-2.57073	0.538147	0.796107	-1.25611	0.0771596	0.487306	-2.0521	0.0158838	0.339429	-2.94612	0.094993	0.51111	-1.95652	0.59565	0.822076	-1.21643	0.743037	1.12788	1.12788	0.305357	0.678229	-1.47443	2.48331	5.2632	1.88394	1
cg22068629	LMNB2	0.10737	0.0729124	0.654572	-1.52772	0.188401	0.744356	-1.34344	0.0206033	0.553921	-1.80531	0.0202051	0.552477	-1.81003	0.11422	0.694912	-1.43903	0.187508	0.743859	-1.34434	0.887073	0.970348	-1.03056	0.99502	0.998679	-1.00132	0.0910201	0.674112	-1.48343	2.48327	1.76495	0.631764	1
cg14836636	PRKAB1	0.10737	0.0371899	0.351706	-2.84328	0.739547	0.865775	-1.15503	0.280053	1.62432	1.62432	0.0547582	2.56291	2.56291	0.151271	0.514632	-1.94313	0.442004	0.712727	-1.40306	0.352371	0.661383	-1.51198	0.151814	1.94118	1.94118	0.348244	0.658898	-1.51769	2.48327	7.33956	2.6272	1
cg15013617	C20orf141	0.107371	0.123595	0.301276	-3.31921	0.537673	0.638327	-1.5666	0.0386056	0.178481	-5.60283	0.0613584	0.219535	-4.55508	0.0995293	0.272914	-3.66416	0.136976	0.315908	-3.16548	0.0628927	0.221974	-4.50503	0.0182828	0.127421	-7.84802	0.11334	0.289551	-3.45363	2.48326	20.3497	7.28423	1
cg08265418	THYN1;THYN1;ACAD8;THYN1;THYN1;THYN1	0.107372	0.253718	1.24816	1.24816	0.64655	1.08966	1.08966	0.831047	0.961043	-1.04054	0.699717	1.07474	1.07474	0.012212	0.559513	-1.78727	0.952487	0.98898	-1.01114	0.0388148	0.640876	-1.56036	0.216408	1.27369	1.27369	0.516279	0.884796	-1.1302	2.48325	1.36028	0.486919	1
cg09295573	KIAA1239	0.107372	0.248578	0.631686	-1.58307	0.510021	0.775288	-1.28984	0.0142444	3.16285	3.16285	0.60345	0.819064	-1.22091	0.394415	0.717325	-1.39407	0.294485	0.660926	-1.51303	0.485425	0.763393	-1.30994	0.0535889	2.3045	2.3045	0.553072	1.25676	1.25676	2.48325	5.70502	2.04213	1
cg08314875	DDX3Y;DDX3Y	0.107374	0.435778	3.1739	3.1739	0.417637	3.33304	3.33304	0.255805	5.68379	5.68379	0.00721185	0.00401367	-249.148	?	?	?	0.353254	4.02179	4.02179	0.716985	1.69182	1.69182	0.844593	0.753403	-1.32731	0.965681	0.939837	-1.06401	2.87722	80.2312	20.9137	1
cg11646018	RALYL;RALYL;RALYL;RALYL	0.107374	0.939715	1.01384	1.01384	0.144903	1.32908	1.32908	0.133028	1.34246	1.34246	0.811514	0.957519	-1.04437	0.444587	1.15213	1.15213	0.0355885	1.55973	1.55973	0.00586977	1.92551	1.92551	0.490003	1.13589	1.13589	0.893684	1.02459	1.02459	2.48323	1.29853	0.464819	1
cg23684521	NPTN;NPTN;NPTN;NPTN	0.107376	0.248041	0.703591	-1.42128	0.0103285	0.390379	-2.56161	0.0664753	0.549282	-1.82056	0.526712	1.2053	1.2053	0.900508	1.03708	1.03708	0.259951	1.40789	1.40789	0.685197	0.888121	-1.12597	0.129465	0.6207	-1.61108	0.24052	0.699261	-1.43008	2.48321	3.33317	1.19314	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06868245	C6orf134	0.107377	0.380252	0.77127	-1.29656	0.32285	1.34268	1.34268	0.383779	1.29395	1.29395	0.319786	0.743293	-1.34536	0.233593	0.697424	-1.43385	0.00428417	0.332043	-3.01166	0.982027	0.993521	-1.00652	0.874474	1.04668	1.04668	0.342621	0.754174	-1.32595	2.4832	3.27471	1.17222	1
cg19619416	PRKCZ	0.107379	0.344634	0.503389	-1.98654	0.270592	2.24531	2.24531	0.298044	2.13967	2.13967	0.671954	0.740559	-1.35033	0.0034186	0.0605133	-16.5253	0.799892	0.836016	-1.19615	0.941108	1.05348	1.05348	0.942428	0.950347	-1.05225	0.942144	1.05251	1.05251	2.48318	19.5546	6.99985	1
cg04119462	ABCA17P	0.10738	0.110111	0.286907	-3.48545	0.0125575	0.107976	-9.26134	0.085649	0.256111	-3.90456	0.611402	0.692547	-1.44394	0.0535191	0.207573	-4.81757	0.309678	0.470587	-2.12501	0.0321083	0.165302	-6.04954	0.123749	0.302614	-3.30454	0.307995	0.469265	-2.13099	2.48317	20.2183	7.23746	1
cg10428279	GABPB1;GABPB1;GABPB1;LOC100129387;GABPB1;FLJ10038;GABPB1;GABPB1;GABPB1;GABPB1;GABPB1;GA	0.107384	0.701221	0.95317	-1.04913	0.13044	1.22533	1.22533	0.232099	0.85563	-1.16873	0.615658	1.065	1.065	0.00997587	0.667105	-1.49902	0.158531	0.82901	-1.20626	0.250387	0.861197	-1.16117	0.446907	1.10125	1.10125	0.587157	1.07059	1.07059	2.48313	0.608731	0.217908	1
cg00704909	COPB1;COPB1;COPB1;COPB1;COPB1;COPB1	0.107385	0.131561	0.801456	-1.24773	0.811034	0.967959	-1.0331	0.960169	0.993233	-1.00681	0.429886	0.896233	-1.11578	0.484341	0.907896	-1.10145	0.0841349	0.771195	-1.29669	0.0281794	0.703001	-1.42247	0.789572	1.03703	1.03703	0.0343577	1.39875	1.39875	2.48312	0.726972	0.260236	1
cg24671202	RSPH4A;RSPH4A	0.10739	0.733544	0.898415	-1.11307	0.0758311	1.85795	1.85795	0.59291	0.844353	-1.18434	0.739143	1.11045	1.11045	0.13611	0.604411	-1.6545	0.263681	0.693997	-1.44093	0.0304095	0.450378	-2.22036	0.0746902	0.536632	-1.86347	0.0922808	0.559387	-1.78767	2.48307	3.86527	1.38369	1
cg14724492	FGFRL1;FGFRL1;FGFRL1	0.10739	0.592056	0.926003	-1.07991	0.685213	1.05963	1.05963	0.0763366	0.755601	-1.32345	0.0420937	0.716878	-1.39494	0.957287	0.992417	-1.00764	0.0281535	1.4455	1.4455	0.157869	1.23938	1.23938	0.861504	1.02513	1.02513	0.865358	1.02441	1.02441	2.48307	0.794373	0.28437	1
cg00937135	RBM28;RBM28	0.107394	0.199404	0.778288	-1.28487	0.306819	1.21602	1.21602	0.896824	1.02427	1.02427	0.595276	0.905637	-1.1042	0.773644	1.05476	1.05476	0.032085	1.59073	1.59073	0.471389	0.873329	-1.14504	0.0692528	0.686763	-1.45611	0.055679	1.4931	1.4931	2.48303	1.34408	0.481162	1
cg14518209	SPARC	0.107395	0.0282433	0.28805	-3.47162	0.0223464	0.268421	-3.72549	0.0496407	0.340955	-2.93294	0.095843	0.415277	-2.40803	0.105324	0.427329	-2.34012	0.0819079	0.396055	-2.5249	0.124802	0.450069	-2.22188	0.16141	0.487467	-2.05142	0.29063	0.590432	-1.69368	2.48302	9.07787	3.24976	1
cg13932473	DVL1	0.107395	0.457949	0.744164	-1.34379	0.145268	1.84312	1.84312	0.0702126	2.20623	2.20623	0.649153	1.1961	1.1961	0.202562	0.590987	-1.69209	0.20432	0.592327	-1.68826	0.0370516	0.388057	-2.57694	0.125635	0.523106	-1.91166	0.641145	0.832335	-1.20144	2.48301	6.01077	2.15178	1
cg24980609	POLL;RP11-529I10.4	0.107396	0.275173	0.552246	-1.81079	0.387724	0.629377	-1.58887	0.416478	0.647699	-1.54393	0.609886	0.764039	-1.30883	0.746498	1.18487	1.18487	0.920492	1.0536	1.0536	0.00253541	0.111754	-8.94822	0.552094	1.36974	1.36974	0.828622	1.12006	1.12006	2.48301	10.7568	3.85083	1
cg09324225	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.107396	0.0189355	0.301338	-3.31853	0.0212892	0.310903	-3.21644	0.752691	0.875098	-1.14273	0.243934	0.597765	-1.6729	0.512594	0.755557	-1.32353	0.0252556	0.325324	-3.07386	0.128018	0.499337	-2.00265	0.981673	0.990351	-1.00974	0.426063	0.709605	-1.40923	2.48301	7.00575	2.50798	1
cg12215484	CDKAL1	0.107397	0.055229	0.616822	-1.62121	0.197393	0.738642	-1.35384	0.828849	1.04931	1.04931	0.302833	0.788761	-1.26781	0.757049	1.07142	1.07142	0.405593	0.827644	-1.20825	0.147158	1.4132	1.4132	0.159439	1.39692	1.39692	0.0399047	1.69562	1.69562	2.483	1.94375	0.695843	1
cg18234973	FGGY;FGGY	0.107397	0.785836	0.941921	-1.06166	0.0654521	1.57499	1.57499	0.661055	1.10178	1.10178	0.065926	0.635552	-1.57343	0.103809	1.47811	1.47811	0.798716	1.05774	1.05774	0.0684098	1.56549	1.56549	0.559947	1.13825	1.13825	0.117006	0.687919	-1.45366	2.48299	1.89791	0.679436	1
cg01380634	ZBTB7A	0.107397	0.312889	1.40948	1.40948	0.114652	1.75793	1.75793	0.0742162	1.92344	1.92344	0.997392	1.00108	1.00108	0.0307123	0.43407	-2.30377	0.438886	0.771362	-1.29641	0.108377	1.77871	1.77871	0.212102	1.5406	1.5406	0.82042	0.927965	-1.07763	2.48299	4.25148	1.52199	1
cg23283614	DHRS7	0.107401	0.0748368	0.37768	-2.64774	0.059238	2.8438	2.8438	0.0156359	4.28182	4.28182	0.755134	1.16594	1.16594	0.407307	0.659702	-1.51584	0.461306	1.44491	1.44491	0.817164	1.12035	1.12035	0.940546	0.964057	-1.03728	0.255332	1.79099	1.79099	2.48295	9.47007	3.39025	1
cg16022904	RPS6KA1	0.107403	0.0697789	0.418668	-2.38853	0.539384	0.765828	-1.30578	0.171402	0.535144	-1.86866	0.0349649	0.348164	-2.87221	0.0211085	0.303993	-3.28955	0.0994562	0.460549	-2.17132	0.0970058	0.457449	-2.18603	0.176936	0.539973	-1.85195	0.0423129	0.366353	-2.72961	2.48294	7.2495	2.59531	1
cg07037004	DYNLT1	0.107405	0.0464136	2.06488	2.06488	0.649235	0.864557	-1.15666	0.242931	0.678156	-1.47459	0.0786159	1.86053	1.86053	0.850028	0.941611	-1.06201	0.839092	1.06675	1.06675	0.020302	0.410956	-2.43335	0.717355	1.12248	1.12248	0.701969	1.12998	1.12998	2.48291	3.97247	1.42215	1
cg08291000	SGCE;PEG10;SGCE;PEG10;SGCE	0.107407	0.314905	1.16077	1.16077	0.325747	1.15669	1.15669	0.628131	0.932378	-1.07253	0.834077	0.970357	-1.03055	0.421597	1.12499	1.12499	0.0800474	1.32129	1.32129	0.00325672	1.77806	1.77806	0.509763	1.10068	1.10068	0.8033	1.03645	1.03645	2.48289	0.809236	0.289711	1
cg15621651	PTPRE	0.107409	0.995199	1.00254	1.00254	0.0044684	0.201667	-4.95867	0.303803	0.637792	-1.56791	0.16573	1.86681	1.86681	0.795313	0.89603	-1.11603	0.967897	1.01714	1.01714	0.521319	0.759955	-1.31587	0.408276	0.699654	-1.42928	0.348047	1.50378	1.50378	2.48287	7.01208	2.51038	1
cg06373648	SYNGAP1	0.107411	0.269299	0.596633	-1.67607	0.990374	1.0054	1.0054	0.350611	1.53804	1.53804	0.403522	0.682009	-1.46626	0.0727569	0.403134	-2.48057	0.656151	0.818633	-1.22155	0.0275335	0.302937	-3.30102	0.0421395	2.90996	2.90996	0.439659	0.702806	-1.42287	2.63586	8.13415	2.40019	1
cg02459569	LASS2;LASS2	0.107412	0.275221	0.81383	-1.22876	0.333038	1.19867	1.19867	0.487164	0.879754	-1.13668	0.0502308	1.49944	1.49944	0.355581	0.841597	-1.18822	0.313255	1.20838	1.20838	0.0335685	1.56917	1.56917	0.099402	1.38787	1.38787	0.337128	0.835614	-1.19673	2.48285	1.29503	0.463636	1
cg24027179	MYH10	0.107419	0.0167733	0.696054	-1.43667	0.110878	0.806046	-1.24062	0.910408	0.986125	-1.01407	0.571227	1.07361	1.07361	0.778563	1.03561	1.03561	0.457175	0.910293	-1.09855	0.0202902	0.706559	-1.41531	0.225187	0.853746	-1.17131	0.4872	1.09158	1.09158	2.48277	0.605882	0.216919	1
cg01909243	DARS2	0.10742	0.722846	0.844569	-1.18404	0.0665019	2.65432	2.65432	0.626598	1.26186	1.26186	0.0413595	3.05313	3.05313	0.262639	0.574622	-1.74028	0.654156	1.23852	1.23852	0.437098	0.686562	-1.45653	0.0184382	3.88132	3.88132	0.744244	0.856164	-1.168	2.48276	8.84887	3.16811	1
cg14659511	DOCK9;DOCK9	0.107425	0.46693	0.805616	-1.24129	0.683822	0.887316	-1.12699	0.373328	1.30584	1.30584	0.585254	1.17457	1.17457	0.135284	0.624955	-1.60012	0.0397577	0.499489	-2.00204	0.018874	0.435872	-2.29425	0.0740569	0.559193	-1.78829	0.600882	1.16663	1.16663	2.48271	3.35226	1.20021	1
cg21223075	BHLHE40	0.107426	0.859989	1.03175	1.03175	0.149393	0.760605	-1.31474	0.43768	0.869237	-1.15043	0.509802	0.888379	-1.12565	0.55777	0.900384	-1.11064	0.707466	0.935447	-1.06901	0.00205459	0.463614	-2.15697	0.774469	0.950417	-1.05217	0.388473	0.855171	-1.16936	2.4827	1.23206	0.44112	1
cg13666659	NLK	0.107427	0.35788	0.887987	-1.12614	0.0927448	1.26165	1.26165	0.25612	1.16061	1.16061	0.982704	1.00273	1.00273	0.519837	0.921296	-1.08543	0.319679	0.878793	-1.13793	0.0317185	0.728782	-1.37215	0.0293898	0.724437	-1.38038	0.63816	0.942221	-1.06132	2.4827	0.62075	0.222249	1
cg06494091	GNAQ	0.107427	0.293635	1.63041	1.63041	0.16303	1.95065	1.95065	0.703101	1.18748	1.18748	0.657945	1.22134	1.22134	0.0142406	0.257498	-3.88352	0.226203	1.76869	1.76869	0.109607	2.18744	2.18744	0.482078	1.37798	1.37798	0.130455	2.08113	2.08113	2.4827	7.91768	2.8348	1
cg24021890	ZNF432	0.107428	0.562043	0.848957	-1.17792	0.494029	1.21409	1.21409	0.0761671	1.73524	1.73524	0.284344	0.732971	-1.36431	0.841168	1.05765	1.05765	0.10792	0.612647	-1.63226	0.828915	0.941343	-1.06231	0.138861	1.56048	1.56048	0.0195717	2.19893	2.19893	2.48268	3.06771	1.09835	1
cg13754661	COL5A1	0.107431	0.649933	0.888549	-1.12543	0.00989472	0.430478	-2.323	0.54723	0.854253	-1.17061	0.38078	1.26175	1.26175	0.0184335	0.477407	-2.09465	0.124862	0.650733	-1.53673	0.578524	0.864907	-1.15619	0.628281	0.881464	-1.13448	0.90116	0.968377	-1.03266	2.48266	2.62984	0.941587	1
cg07295678	DPYSL4	0.107431	0.289351	2.31734	2.31734	0.727563	0.765478	-1.30637	0.165891	3.09294	3.09294	0.614406	0.678287	-1.4743	0.151179	0.308697	-3.23943	0.668366	0.719413	-1.39002	0.00954795	12.2838	12.2838	0.106749	3.84098	3.84098	0.623524	1.45945	1.45945	2.48266	22.9602	8.22067	1
cg22118126	LPIN3	0.107437	0.0499653	2.92529	2.92529	0.687056	0.823282	-1.21465	0.610155	1.28005	1.28005	0.271028	1.73366	1.73366	0.658349	0.807606	-1.23823	0.234858	1.81824	1.81824	0.00800238	5.11353	5.11353	0.712911	1.19417	1.19417	0.06087	2.75801	2.75801	2.4826	9.06508	3.24574	1
cg15387272	LSM10	0.107437	0.591215	1.09987	1.09987	0.0914371	1.38588	1.38588	0.545436	0.898138	-1.11342	0.428111	0.867589	-1.15262	0.0105537	1.75911	1.75911	0.419988	0.865318	-1.15564	0.224865	0.799462	-1.25084	0.29288	0.825655	-1.21116	0.521798	1.12074	1.12074	2.48259	1.21198	0.433946	1
cg24698875	RAPGEF3;RAPGEF3;RAPGEF3;RAPGEF3	0.107437	0.10445	0.393253	-2.54289	0.715871	0.827204	-1.20889	0.928586	1.04759	1.04759	0.512812	1.41195	1.41195	0.420826	1.53404	1.53404	0.647316	1.27016	1.27016	0.0663034	0.337036	-2.96704	0.806031	0.880181	-1.13613	0.0078949	0.158826	-6.29619	2.63555	10.9907	3.24345	1
cg16698623	MGMT	0.107438	0.0147023	0.263762	-3.79129	0.33224	1.5588	1.5588	0.191033	0.540965	-1.84855	0.0733146	0.4122	-2.42601	0.0490975	0.369018	-2.70989	0.206245	0.553404	-1.807	0.58704	0.78398	-1.27554	0.511384	1.34391	1.34391	0.573232	0.776782	-1.28736	2.48258	7.74363	2.7726	1
cg22732515	ETHE1;ETHE1	0.107441	0.751827	0.93992	-1.06392	0.411034	0.848592	-1.17842	0.426564	0.853375	-1.17182	0.636077	1.09756	1.09756	0.39631	0.843962	-1.18489	0.339367	1.21206	1.21206	0.0188427	0.573698	-1.74308	0.0267813	1.66934	1.66934	0.370264	0.835524	-1.19685	2.48255	1.49973	0.536986	1
cg09549605	SH3YL1;SH3YL1	0.107443	0.941779	1.03441	1.03441	0.835694	0.908279	-1.10098	0.210281	0.542513	-1.84327	0.142958	0.482253	-2.0736	0.0150785	0.250676	-3.98922	0.0268943	0.296959	-3.36747	0.343823	0.636535	-1.57101	0.67615	1.21483	1.21483	0.0510097	0.357154	-2.79991	2.48253	8.4367	3.02082	1
cg03283124	PCDH9;PCDH9	0.107446	0.974064	1.01444	1.01444	0.199238	0.549882	-1.81857	0.500795	0.739859	-1.35161	0.817581	1.10724	1.10724	0.0141734	3.79781	3.79781	0.390332	0.678345	-1.47418	0.0309465	0.327258	-3.05569	0.602065	0.792978	-1.26107	0.670283	1.20784	1.20784	2.4825	7.64338	2.73681	1
cg02628513	RNF144B;RNF144B	0.107446	0.881103	0.977889	-1.02261	0.635224	0.9311	-1.074	0.911905	0.983603	-1.01667	0.045726	0.710224	-1.40801	0.126589	0.781243	-1.28001	0.390534	0.876837	-1.14046	0.00387958	0.559326	-1.78787	0.998707	0.999758	-1.00024	0.542683	0.912057	-1.09642	2.4825	0.877409	0.314167	1
cg18522715	PTPRN2;PTPRN2;PTPRN2	0.107449	0.911986	0.948655	-1.05412	0.845046	0.910938	-1.09777	0.0132159	0.231262	-4.3241	0.464668	1.42584	1.42584	0.858337	0.918354	-1.0889	0.183959	1.95802	1.95802	0.116994	0.444064	-2.25193	0.734938	1.17586	1.17586	0.0458795	0.335899	-2.97709	2.48247	8.93503	3.19933	1
cg24548564	CD74;CD74;CD74	0.107451	0.0475331	2.31165	2.31165	0.0686759	2.12422	2.12422	0.837755	1.07875	1.07875	0.999659	1.00016	1.00016	0.438475	0.746638	-1.33934	0.0698025	0.47253	-2.11627	0.0419839	2.37849	2.37849	0.739925	0.884117	-1.13107	0.957337	1.01998	1.01998	2.48245	5.3743	1.92437	1
cg08377954	TEAD1	0.107451	0.0588332	0.347861	-2.87471	0.0329129	0.29096	-3.4369	0.0210426	0.253281	-3.94819	0.490276	0.706984	-1.41446	0.03787	0.303808	-3.29155	0.856138	0.914116	-1.09395	0.0945282	0.402773	-2.48279	0.159009	0.474805	-2.10613	0.532132	0.731156	-1.3677	2.48245	9.62646	3.44695	1
cg24923866	LRCH3	0.107456	0.800066	1.0315	1.0315	0.331996	0.884871	-1.13011	0.298686	0.876651	-1.1407	0.454663	1.09754	1.09754	0.0840497	0.791663	-1.26316	0.455748	1.09729	1.09729	0.00989161	1.48933	1.48933	0.28962	0.874303	-1.14377	0.884481	1.01793	1.01793	2.4824	0.587212	0.210267	1
cg26612735	ZNF667;ZNF667	0.107459	0.117209	0.721241	-1.3865	0.0132697	0.554708	-1.80275	0.346614	0.830177	-1.20456	0.38516	0.842842	-1.18646	0.796401	0.951562	-1.0509	0.345282	1.20522	1.20522	0.419013	1.17183	1.17183	0.316496	1.22002	1.22002	0.146843	1.34851	1.34851	2.48237	1.4498	0.519146	1
cg14012925	CUX1;CUX1;CUX1	0.10746	0.0577269	0.202185	-4.94597	0.924036	1.07363	1.07363	0.131745	3.36036	3.36036	0.0962403	0.256482	-3.89891	0.0830228	0.239353	-4.17793	0.3893	0.51828	-1.92946	0.301404	0.450384	-2.22033	0.0341025	0.158465	-6.31055	0.162891	0.329668	-3.03336	2.48236	21.8193	7.81309	1
cg08950745	ELMOD3;ELMOD3;ELMOD3;RETSAT;ELMOD3	0.10746	0.0893374	1.51785	1.51785	0.947593	0.985464	-1.01475	0.250786	1.30644	1.30644	0.005599	2.24864	2.24864	0.815797	0.949347	-1.05336	0.998603	1.00039	1.00039	0.441692	1.19095	1.19095	0.533388	1.15087	1.15087	0.0441167	1.67396	1.67396	2.48236	1.95086	0.698569	1
cg00739123	FAM113A	0.107461	0.908719	0.984488	-1.01576	0.295366	1.15942	1.15942	0.363924	0.880577	-1.13562	0.860687	1.02423	1.02423	0.885541	1.01983	1.01983	0.0319809	1.4085	1.4085	0.00713868	1.60576	1.60576	0.654752	0.940493	-1.06327	0.882861	0.980104	-1.0203	2.48235	0.730466	0.261568	1
cg09970483	PPIB	0.107462	0.441923	0.924914	-1.08118	0.0380343	1.2705	1.2705	0.149695	1.16621	1.16621	0.423324	1.08481	1.08481	0.265854	1.12234	1.12234	0.691846	1.04045	1.04045	0.0438816	0.794085	-1.25931	0.857942	0.982322	-1.018	0.131679	0.850446	-1.17585	2.48234	0.389602	0.139511	1
cg24815999	CAPRIN1;CAPRIN1	0.107462	0.244531	0.654636	-1.52757	0.603047	1.20031	1.20031	0.263219	0.666368	-1.50067	0.861532	0.941052	-1.06264	0.0398979	0.437532	-2.28555	0.701556	0.874589	-1.14339	0.0231954	0.388884	-2.57146	0.630333	1.18383	1.18383	0.0211809	0.381218	-2.62317	2.48234	4.76143	1.705	1
cg24123712	MON1A;MON1A	0.107463	0.417142	1.14155	1.14155	0.27211	0.83318	-1.20022	0.271501	1.20052	1.20052	0.0166663	0.627091	-1.59466	0.0561467	0.707982	-1.41247	0.989041	0.99781	-1.0022	0.134399	0.772824	-1.29396	0.470233	0.889335	-1.12444	0.105786	0.754219	-1.32587	2.48233	1.00208	0.358832	1
cg03613433	DLGAP2	0.107464	0.145165	0.275706	-3.62705	0.453805	0.533431	-1.87466	0.378292	0.474994	-2.10529	0.224428	0.349602	-2.8604	0.0831807	0.206046	-4.85327	0.0476174	0.154794	-6.4602	0.0106757	0.0711308	-14.0586	0.0354983	0.133191	-7.50804	0.157753	0.288243	-3.4693	2.48232	26.6646	9.54828	1
cg05282459	SHANK3	0.107465	0.823754	0.967884	-1.03318	0.210706	1.21288	1.21288	0.476088	0.899388	-1.11187	0.822346	1.03346	1.03346	0.431818	1.12457	1.12457	0.632369	1.07308	1.07308	0.00282902	1.82523	1.82523	0.834232	1.03114	1.03114	0.525348	0.910116	-1.09876	2.48231	0.841927	0.301486	1
cg20526435	TAF4	0.107465	0.187205	0.752211	-1.32941	0.00664287	0.487967	-2.04932	0.408862	1.18775	1.18775	0.72249	1.07534	1.07534	0.375004	1.20378	1.20378	0.679509	1.0883	1.0883	0.128269	1.39778	1.39778	0.921658	0.980163	-1.02024	0.945798	1.01394	1.01394	2.48231	1.63112	0.584087	1
cg16924061	CYB5A;CYB5A	0.107466	0.308266	0.454088	-2.20222	0.994876	0.995204	-1.00482	0.581726	1.51665	1.51665	0.770116	1.24528	1.24528	0.0629722	0.208899	-4.787	0.20047	0.363372	-2.752	0.00656051	0.071127	-14.0594	0.872561	0.886766	-1.12769	0.0949254	0.253136	-3.95044	2.4823	22.0323	7.88959	1
cg16655754	ANKRD13B	0.107467	0.364196	0.885628	-1.12914	0.0383155	1.36706	1.36706	0.783912	0.964828	-1.03645	0.195148	1.1954	1.1954	0.0464678	0.743002	-1.34589	0.377196	1.12528	1.12528	0.185315	1.20077	1.20077	0.092226	1.27304	1.27304	0.647412	1.06182	1.06182	2.48229	0.667027	0.238857	1
cg24645149	PRDM16;PRDM16	0.107467	0.501917	0.897306	-1.11445	0.0154631	1.60376	1.60376	0.0736794	0.728308	-1.37305	0.559213	0.910372	-1.09845	0.531464	0.904127	-1.10604	0.776475	1.0463	1.0463	0.656822	1.07369	1.07369	0.164068	1.26629	1.26629	0.149356	0.782065	-1.27867	2.48229	0.993885	0.355903	1
cg05424071	GLRA3;GLRA3;GLRA3;GLRA3	0.107469	0.261727	1.2032	1.2032	0.00959724	0.595536	-1.67916	0.403387	1.14472	1.14472	0.689914	1.06544	1.06544	0.943581	1.01125	1.01125	0.10681	0.75707	-1.32088	0.534114	0.905264	-1.10465	0.472057	1.12257	1.12257	0.124007	0.768518	-1.30121	2.48226	0.982202	0.351722	1
cg03798986	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.10747	0.252634	0.82818	-1.20747	0.0432873	0.692979	-1.44305	0.958463	1.00825	1.00825	0.424272	0.879194	-1.13741	0.794624	1.04202	1.04202	0.651259	0.930724	-1.07443	0.0101903	1.66723	1.66723	0.487351	1.11776	1.11776	0.683817	0.937441	-1.06673	2.48226	0.978603	0.350435	1
cg21709140	GORASP2	0.107471	0.0196152	1.39854	1.39854	0.828279	1.02618	1.02618	0.638525	1.0579	1.0579	0.661348	1.05384	1.05384	0.0612944	1.2851	1.2851	0.94612	1.00807	1.00807	0.05594	0.772908	-1.29382	0.826075	0.97416	-1.02653	0.114936	1.2262	1.2262	2.48225	0.556365	0.199233	1
cg02989255	TNXB	0.107475	0.854252	1.10318	1.10318	0.0190399	4.55295	4.55295	0.229303	1.96139	1.96139	0.0966229	2.64862	2.64862	0.103529	0.386443	-2.5877	0.407282	0.635924	-1.57251	0.123664	2.43627	2.43627	0.445759	1.51447	1.51447	0.254104	1.88881	1.88881	2.48221	11.2107	4.01458	1
cg24620761	ZIC4;ZIC4;ZIC4	0.107476	0.163333	0.130329	-7.67288	0.369037	0.282639	-3.53809	0.173498	7.26774	7.26774	0.160337	0.128187	-7.80111	0.048134	0.0453408	-22.0552	0.125911	0.103509	-9.66097	0.574655	2.17411	2.17411	0.146263	0.11812	-8.46599	0.0321197	0.0321278	-31.1257	2.4822	73.7455	26.4086	1
cg13407062	TOP1MT	0.107476	0.196679	0.744397	-1.34337	0.178429	1.36228	1.36228	0.340336	0.808566	-1.23676	0.725515	0.926607	-1.07921	0.0177842	0.53625	-1.8648	0.0852064	0.662645	-1.5091	0.163339	1.37949	1.37949	0.449761	0.846584	-1.18122	0.231913	0.762525	-1.31143	2.4822	1.83831	0.658307	1
cg01281904	OPRK1	0.107478	0.238084	1.56251	1.56251	0.0993767	1.92	1.92	0.625491	0.837241	-1.1944	0.260414	1.52795	1.52795	0.368329	1.39612	1.39612	0.229006	1.57759	1.57759	0.0158252	2.90819	2.90819	0.0148338	2.95194	2.95194	0.163575	1.71077	1.71077	2.48218	5.12719	1.83609	1
cg07464201	PGF	0.107478	0.14248	0.550546	-1.81638	0.114698	1.91449	1.91449	0.298303	1.50403	1.50403	0.204875	0.602644	-1.65936	0.0346775	0.393671	-2.54019	0.985176	0.992991	-1.00706	0.0644835	0.455524	-2.19527	0.645275	1.19182	1.19182	0.23113	0.621557	-1.60886	2.48218	5.63434	2.01771	1
cg01889899	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.107481	0.162375	1.35123	1.35123	0.236722	1.28426	1.28426	0.517669	0.876023	-1.14152	0.853828	0.963466	-1.03792	0.0247716	0.583128	-1.71489	0.588157	1.11665	1.11665	0.436708	1.17365	1.17365	0.0262784	1.70213	1.70213	0.749765	0.937464	-1.06671	2.48215	1.60097	0.573326	1
cg00368415	SNX27	0.107481	0.795539	1.02734	1.02734	0.100658	1.20536	1.20536	0.0669183	1.23781	1.23781	0.694823	0.959873	-1.0418	0.0222415	1.32929	1.32929	0.0419579	1.27567	1.27567	0.86493	1.01784	1.01784	0.167085	1.16532	1.16532	0.0514144	1.25905	1.25905	2.48215	0.42414	0.15189	1
cg02257048	RPTOR;RPTOR	0.107482	0.839084	1.04553	1.04553	0.491288	1.16541	1.16541	0.0763872	1.53982	1.53982	0.339236	1.24071	1.24071	0.010099	0.491299	-2.03542	0.829531	0.953885	-1.04834	0.756545	1.07047	1.07047	0.352328	1.23315	1.23315	0.191617	0.738819	-1.35351	2.48214	1.88482	0.67498	1
cg11863989	WDR20;WDR20;WDR20;WDR20	0.107483	0.912128	0.976383	-1.02419	0.562265	0.880867	-1.13525	0.0188587	1.85124	1.85124	0.172578	1.36929	1.36929	0.0253402	1.77812	1.77812	0.801452	1.05607	1.05607	0.033596	1.71156	1.71156	0.656657	1.10171	1.10171	0.405213	1.20247	1.20247	2.48213	1.84269	0.659897	1
cg06980565	ARHGEF16	0.107491	0.825642	1.04035	1.04035	0.042089	0.657121	-1.52179	0.0242387	0.617788	-1.61868	0.652016	1.08479	1.08479	0.992992	0.998427	-1.00158	0.206814	1.26959	1.26959	0.296221	0.823506	-1.21432	0.0533863	0.674747	-1.48204	0.286627	0.820059	-1.21942	2.48205	1.26354	0.452509	1
cg18836581	PACRG;PACRG;PACRG	0.107492	0.797411	1.04744	1.04744	0.618473	0.913501	-1.09469	0.328659	0.833872	-1.19922	0.559231	1.11228	1.11228	0.783117	1.05098	1.05098	0.850865	1.0345	1.0345	0.00332232	2.05526	2.05526	0.38046	0.850346	-1.17599	0.463472	0.874179	-1.14393	2.48204	1.27643	0.457126	1
cg21268422	BACE2;BACE2;BACE2	0.107493	0.832201	1.06042	1.06042	0.969714	0.989558	-1.01055	0.0556457	0.549031	-1.82139	0.0242447	0.475835	-2.10157	0.0227678	0.470667	-2.12465	0.784735	1.07864	1.07864	0.78207	1.07969	1.07969	0.193258	0.683415	-1.46324	0.114719	0.622334	-1.60685	2.48203	3.00506	1.0762	1
cg16535999	PSMC2	0.107493	0.0859083	1.37164	1.37164	0.445668	1.1382	1.1382	0.15041	0.773629	-1.29261	0.0952071	0.736935	-1.35697	0.853873	1.03117	1.03117	0.0441145	1.46976	1.46976	0.607766	1.09003	1.09003	0.0884914	1.3674	1.3674	0.508438	0.894313	-1.11818	2.48203	1.08983	0.3903	1
cg21882188	DEFB128	0.107499	0.996913	1.00155	1.00155	0.709567	1.16114	1.16114	0.0851736	0.467636	-2.13841	0.146095	0.53627	-1.86473	0.0193966	0.323405	-3.0921	0.963531	1.01843	1.01843	0.0803462	2.16984	2.16984	0.687904	0.85107	-1.17499	0.12448	0.514665	-1.94301	2.48196	6.26893	2.24515	1
cg15382302	FAM50B	0.107501	0.986431	1.00704	1.00704	0.0344414	2.7682	2.7682	0.0295563	2.87936	2.87936	0.950844	0.974874	-1.02577	0.0402572	0.376011	-2.6595	0.903569	1.0513	1.0513	0.381798	1.4481	1.4481	0.518343	1.31035	1.31035	0.662874	0.834381	-1.19849	2.48195	6.69749	2.39865	1
cg06416685	TSPAN6;TSPAN6	0.107502	0.0947904	0.154163	-6.48664	0.284219	3.1046	3.1046	0.941782	1.07721	1.07721	0.0843273	6.99045	6.99045	0.422247	0.433959	-2.30436	0.0105099	0.0376737	-26.5437	0.952082	0.940637	-1.06311	0.968484	1.04105	1.04105	0.706447	0.680241	-1.47007	2.48193	40.7635	14.5992	1
cg14099514	PLCXD3	0.107507	0.00281564	5.33061	5.33061	0.802912	0.903304	-1.10705	0.746596	1.14094	1.14094	0.199909	1.73445	1.73445	0.666458	0.838331	-1.19285	0.396587	0.702558	-1.42337	0.885228	1.0605	1.0605	0.687499	1.17874	1.17874	0.484027	1.33539	1.33539	2.48189	6.50063	2.3282	1
cg09911314	LGALS4	0.107507	0.108599	0.623151	-1.60475	0.438604	1.238	1.238	0.0443252	1.86679	1.86679	0.826363	1.06117	1.06117	0.228232	0.710512	-1.40744	0.0345466	0.513712	-1.94661	0.875404	0.958482	-1.04332	0.968091	1.01087	1.01087	0.111378	0.625855	-1.59781	2.48188	2.87061	1.02811	1
cg26935685	TMEM51;TMEM51;TMEM51;TMEM51	0.107509	0.580482	0.840493	-1.18978	0.0104475	2.72764	2.72764	0.130352	1.6629	1.6629	0.551982	1.206	1.206	0.106472	0.577707	-1.73098	0.629031	0.859396	-1.16361	0.607027	1.17526	1.17526	0.857604	0.945628	-1.0575	0.219691	0.669157	-1.49442	2.48186	3.80861	1.36407	1
cg06905453	RFX1	0.10751	0.19911	1.81107	1.81107	0.484068	1.36518	1.36518	0.737944	1.15833	1.15833	0.958	1.02332	1.02332	0.0957481	0.448913	-2.2276	0.0360462	2.90763	2.90763	0.0316656	3.01219	3.01219	0.0672026	2.45444	2.45444	0.603403	1.25787	1.25787	2.48185	7.53144	2.69742	1
cg04455164	DPY19L2	0.107512	0.215724	1.30239	1.30239	0.686099	0.920915	-1.08588	0.163111	1.35237	1.35237	0.23374	1.28807	1.28807	0.0162325	1.81505	1.81505	0.161886	1.35372	1.35372	0.645405	0.910325	-1.09851	0.374982	0.831403	-1.20279	0.0357857	1.64107	1.64107	2.48183	1.61617	0.578845	1
cg01287600	CCT4	0.107512	0.0347218	1.46255	1.46255	0.929254	0.986379	-1.01381	0.961823	0.992635	-1.00742	0.26739	1.19535	1.19535	0.404696	1.14074	1.14074	0.10794	1.31113	1.31113	0.120829	0.771193	-1.29669	0.0677897	0.729087	-1.37158	0.388336	0.872369	-1.1463	2.48183	0.937532	0.335785	1
cg04172079	SRC;SRC	0.107514	0.260012	0.862282	-1.15971	0.0505317	1.32451	1.32451	0.0182505	1.43527	1.43527	0.684205	1.05292	1.05292	0.170675	0.831943	-1.20201	0.251766	1.16299	1.16299	0.348603	0.885419	-1.12941	0.664674	1.05654	1.05654	0.500571	1.09005	1.09005	2.48182	0.625142	0.223901	1
cg03559973	ZNF226;ZNF226;ZNF226;ZNF226;ZNF226;ZNF226	0.107516	0.83564	1.08585	1.08585	0.636364	0.827937	-1.20782	0.974083	1.01296	1.01296	0.268634	0.633312	-1.579	0.0043661	0.220999	-4.5249	?	?	?	0.813794	1.09806	1.09806	0.769933	1.1233	1.1233	0.251902	1.60727	1.60727	2.50783	5.54952	2.21287	1
cg06149981	MUC5B	0.107518	0.291208	0.678822	-1.47314	0.695227	1.14943	1.14943	0.20511	0.623205	-1.60461	0.766439	0.9	-1.11111	0.0334995	0.415366	-2.40752	0.290772	1.4737	1.4737	0.109106	0.539022	-1.85521	0.0174035	0.359105	-2.7847	0.607859	1.20089	1.20089	2.48177	4.9174	1.76125	1
cg11453546	SLC37A1	0.10752	0.0680386	1.15212	1.15212	0.49451	0.953068	-1.04924	0.130076	0.892881	-1.11997	0.244674	0.919128	-1.08799	0.242782	0.918788	-1.08839	0.0248087	0.831	-1.20337	0.18352	1.10272	1.10272	0.47289	0.950671	-1.05189	0.453237	0.948434	-1.05437	2.48175	0.188718	0.0675931	1
cg09704109	KCMF1	0.107521	0.386682	0.918247	-1.08903	0.402354	0.920926	-1.08586	0.345662	1.09785	1.09785	0.771931	1.02833	1.02833	0.737966	1.0328	1.0328	0.659751	0.95831	-1.0435	0.0465907	1.24488	1.24488	0.137901	1.16597	1.16597	0.00979435	1.36874	1.36874	2.48174	0.36311	0.130056	1
cg04420991	NUP54	0.107524	0.755869	1.07254	1.07254	0.371821	0.813924	-1.22862	0.975693	0.993182	-1.00686	0.787396	1.06258	1.06258	0.0320727	0.56902	-1.75741	0.0594684	1.61231	1.61231	0.942538	0.983944	-1.01632	0.584767	1.1319	1.1319	0.0242367	0.547066	-1.82793	2.48171	1.98164	0.709775	1
cg03394018	ZNF202	0.107525	0.745493	1.05056	1.05056	0.795253	0.96138	-1.04017	0.45034	0.890039	-1.12355	0.0948895	1.32045	1.32045	0.821379	1.03484	1.03484	0.0231107	1.50889	1.50889	0.017453	1.54999	1.54999	0.872868	0.976039	-1.02455	0.370024	0.869861	-1.14961	2.4817	0.901542	0.322912	1
cg05630773	KREMEN2;KREMEN2	0.107526	0.888358	1.03506	1.03506	0.545174	1.1621	1.1621	0.01231	0.465436	-2.14852	0.873882	1.03974	1.03974	0.196035	1.39855	1.39855	0.0278338	0.528457	-1.8923	0.621394	0.885027	-1.12991	0.882145	1.03707	1.03707	0.297605	0.767272	-1.30332	2.48169	2.36582	0.847384	1
cg10308654	TBX2	0.107531	0.381131	1.85102	1.85102	0.436392	0.58028	-1.72331	0.073363	0.254474	-3.92967	0.271944	0.456643	-2.1899	0.206065	2.49491	2.49491	0.134269	0.330602	-3.02478	0.0243649	0.158967	-6.29062	0.831219	1.15754	1.15754	0.0772506	0.260161	-3.84378	2.48164	18.4661	6.61429	1
cg26487157	PCBP1	0.107531	0.0762442	0.24781	-4.03535	0.14028	3.07133	3.07133	0.263891	2.27885	2.27885	0.728825	0.781805	-1.27909	0.341863	0.500246	-1.99902	0.130322	3.17595	3.17595	0.92878	0.938732	-1.06527	0.0561256	4.61814	4.61814	0.0677665	4.25072	4.25072	2.48164	19.6599	7.0419	1
cg23832061	PPIL6;PPIL6;SMPD2	0.107531	0.546674	0.927646	-1.078	0.141432	1.21495	1.21495	0.782707	1.03463	1.03463	0.288781	1.14521	1.14521	0.987005	0.997997	-1.00201	0.633739	1.06088	1.06088	0.00924825	0.665824	-1.5019	0.489182	0.917129	-1.09036	0.106638	1.24224	1.24224	2.48164	0.59586	0.213429	1
cg08718695	SNRNP25;POLR3K	0.107532	0.0212554	2.45913	2.45913	0.140534	0.597378	-1.67398	0.313641	1.40306	1.40306	0.0476564	2.08758	2.08758	0.265085	1.45854	1.45854	0.582788	1.19755	1.19755	0.251444	0.677485	-1.47605	0.999468	0.999783	-1.00022	0.23168	1.50329	1.50329	2.48163	4.15056	1.48668	1
cg09287295	ZNF470	0.107534	0.80735	1.07539	1.07539	0.4342	1.26795	1.26795	0.423669	0.784184	-1.27521	0.252321	1.42726	1.42726	0.220021	0.681357	-1.46766	0.284465	0.718354	-1.39207	0.0080563	2.74509	2.74509	0.595658	0.852709	-1.17273	0.184374	1.52029	1.52029	2.48161	3.47884	1.24609	1
cg11465057	FAM168A	0.107535	0.57318	1.11713	1.11713	0.633279	0.910717	-1.09804	0.942961	0.986174	-1.01402	0.93353	1.01636	1.01636	0.314478	0.816778	-1.22432	0.912265	1.02168	1.02168	0.00369503	2.14546	2.14546	0.218976	1.286	1.286	0.179266	1.31992	1.31992	2.4816	1.48785	0.532937	1
cg19899223	RPS6KL1	0.107536	0.143428	0.844332	-1.18437	0.0650203	0.800134	-1.24979	0.18549	1.16312	1.16312	0.19586	0.863113	-1.1586	0.323666	0.896099	-1.11595	0.72403	1.03889	1.03889	0.103163	0.825425	-1.2115	0.67781	0.956032	-1.04599	0.054078	1.26529	1.26529	2.48159	0.455232	0.163061	1
cg12848065	LOC200726	0.107536	0.0650513	0.582494	-1.71676	0.0385915	0.535226	-1.86837	0.0825868	0.605575	-1.65132	0.0473247	0.553216	-1.80761	0.0510103	0.559977	-1.78579	0.0907184	0.614953	-1.62614	0.60394	0.87238	-1.14629	0.478407	1.20686	1.20686	0.631431	0.881531	-1.13439	2.48159	2.67503	0.95818	1
cg20140377	LOC400794	0.10754	0.0233831	0.265104	-3.77211	0.11578	0.432643	-2.31138	0.0677426	0.366813	-2.72618	0.243859	0.550131	-1.81775	0.0577978	0.349481	-2.86138	0.0347372	0.299289	-3.34125	0.0616465	0.356413	-2.80573	0.10665	0.421728	-2.3712	0.547536	0.74208	-1.34756	2.48155	9.44058	3.38161	1
cg12140595	ANKZF1;ANKZF1;ATG9A;ATG9A	0.10754	0.571544	0.90794	-1.10139	0.568796	1.10217	1.10217	0.427248	1.14674	1.14674	0.417338	0.869353	-1.15028	0.881989	0.975221	-1.02541	0.209974	0.799981	-1.25003	0.902545	0.979521	-1.02091	0.69114	1.06978	1.06978	0.00372655	1.93812	1.93812	2.48155	1.12139	0.401683	1
cg27167413	C1orf74	0.107543	0.781627	1.08747	1.08747	0.0279162	2.18997	2.18997	0.498854	1.23019	1.23019	0.531145	1.21097	1.21097	0.3606	0.753063	-1.32791	0.608916	0.855807	-1.16849	0.0242419	0.444604	-2.24919	0.244059	1.4445	1.4445	0.215231	1.48236	1.48236	2.48152	3.57862	1.28187	1
cg14247476	SCFD2	0.107544	0.114643	0.793706	-1.25991	0.10735	0.78926	-1.26701	0.424048	1.11621	1.11621	0.665427	0.943097	-1.06034	0.348378	1.13883	1.13883	0.0343785	1.39419	1.39419	0.750838	1.04383	1.04383	0.0500836	0.740206	-1.35098	0.944186	1.00947	1.00947	2.48151	0.712637	0.255269	1
cg18696027	B2M	0.107544	0.313453	0.611136	-1.6363	0.878006	0.930017	-1.07525	0.0928216	0.417497	-2.39523	0.403821	0.667982	-1.49705	0.00595516	0.182954	-5.46587	0.175149	1.976	1.976	0.486857	0.716276	-1.39611	0.286555	0.592902	-1.68662	0.246833	0.564405	-1.77178	2.48151	8.76823	3.14083	1
cg02469978	GEFT;GEFT	0.107545	0.88456	1.0478	1.0478	0.00478446	3.33202	3.33202	0.0395119	2.14976	2.14976	0.680792	1.14219	1.14219	0.955212	0.98211	-1.01822	0.490708	1.25232	1.25232	0.177671	1.58473	1.58473	0.448315	1.28192	1.28192	0.119645	1.72069	1.72069	2.4815	4.05987	1.45427	1
cg17244462	CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D	0.107546	0.331232	0.813528	-1.22921	0.144	1.38144	1.38144	0.78075	1.05912	1.05912	0.887217	0.97121	-1.02964	0.978377	1.00559	1.00559	0.190896	1.32989	1.32989	0.0135435	0.533105	-1.8758	0.0770526	1.49886	1.49886	0.565177	1.12715	1.12715	2.48149	1.66548	0.596586	1
cg21660392	ABCA8	0.107548	0.647209	0.779482	-1.2829	0.102807	2.62479	2.62479	0.218585	2.01301	2.01301	0.767328	1.174	1.174	0.064979	0.326159	-3.06599	0.625096	1.30507	1.30507	0.0408311	3.58382	3.58382	0.0437719	3.50108	3.50108	0.342896	1.69605	1.69605	2.48147	11.4882	4.1152	1
cg22442210	LOC162632;LOC100129396	0.107548	0.268761	0.827088	-1.20906	0.895406	0.978554	-1.02192	0.0287963	0.653791	-1.52954	0.886924	1.02373	1.02373	0.353661	1.17033	1.17033	0.320973	1.18413	1.18413	0.0272465	1.53829	1.53829	0.995747	0.999122	-1.00088	0.173338	0.787583	-1.26971	2.48146	1.06764	0.382439	1
cg09549591	GALNTL4	0.10755	0.875606	1.08447	1.08447	0.0168618	4.52301	4.52301	0.0228512	4.09458	4.09458	0.319878	1.70243	1.70243	0.289942	0.566356	-1.76568	0.0772798	2.764	2.764	0.326363	1.68964	1.68964	0.801244	1.13948	1.13948	0.872512	0.920235	-1.08668	2.48144	10.53	3.772	1
cg12837057	LRP11	0.107552	0.16946	1.43658	1.43658	0.0204886	0.501035	-1.99587	0.160985	0.690332	-1.44858	0.301963	0.767447	-1.30302	0.246607	1.3497	1.3497	?	?	?	0.224467	0.729186	-1.37139	0.163816	0.692281	-1.4445	0.44153	0.823457	-1.21439	2.50746	2.16255	0.862446	1
cg23264059	RASA3	0.10756	0.865955	1.0468	1.0468	0.0415349	1.88946	1.88946	0.022427	2.09696	2.09696	0.514922	0.836296	-1.19575	0.0877798	0.600401	-1.66555	0.824583	1.06194	1.06194	0.833927	0.944744	-1.05849	0.169976	1.48545	1.48545	0.296391	1.34061	1.34061	2.48135	2.88047	1.03186	1
cg02000032	MIR29B1	0.107561	0.158068	0.558938	-1.78911	0.268987	0.641626	-1.55854	0.794374	0.904222	-1.10592	0.660688	1.18562	1.18562	0.0213954	0.344487	-2.90287	0.843773	1.07902	1.07902	0.156999	0.557986	-1.79216	0.218516	1.64686	1.64686	0.0273688	0.365642	-2.73491	2.48134	5.83886	2.09165	1
cg06485892	KHDC1L	0.107561	0.0510494	0.362562	-2.75815	0.298398	0.611328	-1.63578	0.0733014	0.401795	-2.48883	0.229813	0.562559	-1.77759	0.0104035	0.229228	-4.36246	0.202673	0.541152	-1.84791	0.440182	0.698091	-1.43248	0.301407	1.63043	1.63043	0.322464	0.627114	-1.59461	2.48134	8.19183	2.93456	1
cg27438841	LRRC29;LRRC29;TMEM208;LRRC29	0.107561	0.167087	1.469	1.469	0.160834	0.676316	-1.4786	0.179527	1.45098	1.45098	0.520436	0.843583	-1.18542	0.0174739	2.12836	2.12836	0.690972	0.900926	-1.10997	0.0468552	1.81143	1.81143	0.438081	1.2294	1.2294	0.605806	1.1456	1.1456	2.48134	2.67921	0.959774	1
cg14615893	ROR2	0.107562	0.352225	0.845661	-1.18251	0.246462	0.808774	-1.23644	0.0793292	0.711006	-1.40646	0.522176	0.892626	-1.12029	0.0472653	0.671998	-1.4881	0.350726	1.18316	1.18316	0.0394211	1.51776	1.51776	0.177219	0.777913	-1.28549	0.869509	0.97162	-1.02921	2.48133	1.20505	0.431686	1
cg10948070	MIR412;MIR409;MIR369;MIR541	0.107563	0.614245	0.898722	-1.11269	0.665047	0.912539	-1.09584	0.364347	1.21635	1.21635	0.874221	1.03384	1.03384	0.563339	1.13061	1.13061	0.0127665	1.91557	1.91557	0.0103689	1.9706	1.9706	0.462428	1.17019	1.17019	0.977939	0.994207	-1.00583	2.48132	1.73484	0.621477	1
cg19381368	RIMKLB	0.107566	0.220732	1.56422	1.56422	0.413394	0.747823	-1.33721	0.158705	1.68799	1.68799	0.0486902	2.18679	2.18679	0.471186	1.2901	1.2901	0.213991	0.63465	-1.57567	0.330226	0.705283	-1.41787	0.348187	0.714878	-1.39884	0.0497045	0.459329	-2.17709	2.48129	4.74578	1.70011	1
cg09302729	VPS33B	0.107567	0.2059	0.825561	-1.2113	0.235012	0.836263	-1.1958	0.037883	1.4132	1.4132	0.91229	1.01596	1.01596	0.115493	1.27866	1.27866	0.228477	0.833952	-1.19911	0.0571971	0.734115	-1.36219	0.440874	0.89323	-1.11953	0.64637	1.06862	1.06862	2.48128	0.811034	0.290544	1
cg23044391	XAB2	0.107567	0.774843	1.06452	1.06452	0.509829	1.15692	1.15692	0.0245793	0.557808	-1.79273	0.792128	1.05927	1.05927	0.375895	0.820272	-1.21911	0.0652739	1.57013	1.57013	0.0885124	1.50634	1.50634	0.636617	0.90145	-1.10932	0.159863	0.720785	-1.38738	2.48127	1.86784	0.669133	1
cg16290522	PRDM16;PRDM16	0.107574	0.961867	1.01814	1.01814	0.127036	1.86015	1.86015	0.994346	1.00267	1.00267	0.576322	1.23652	1.23652	0.156479	0.565495	-1.76836	0.0106371	3.34663	3.34663	0.0562819	2.25452	2.25452	0.216621	1.63063	1.63063	0.450227	1.33555	1.33555	2.4812	5.55817	1.99121	1
cg15726896	PARD3	0.107575	0.0180659	0.445911	-2.2426	0.558673	0.846771	-1.18096	0.887809	0.961079	-1.0405	0.114573	0.617147	-1.62036	0.0205965	0.456438	-2.19088	0.77282	0.92182	-1.08481	0.944656	0.980665	-1.01972	0.189034	0.676161	-1.47894	0.0364996	0.504815	-1.98093	2.48119	3.10807	1.11347	1
cg01942558	TNFAIP6	0.107577	0.421391	0.511551	-1.95484	0.00316375	0.0372224	-26.8655	0.0523865	0.165228	-6.05225	0.419056	0.509752	-1.96174	0.427134	0.515973	-1.93809	0.341723	0.449548	-2.22446	0.193922	0.325722	-3.0701	0.83752	0.845712	-1.18244	0.922223	0.923395	-1.08296	2.48118	26.1727	9.37646	1
cg02871028	DPY19L3	0.107583	0.0929898	0.556984	-1.79538	0.122526	1.69875	1.69875	0.0480152	2.04563	2.04563	0.611017	1.17636	1.17636	0.175482	1.57806	1.57806	0.052598	0.497688	-2.00929	0.794733	0.920755	-1.08607	0.984167	0.993736	-1.0063	0.561728	0.830451	-1.20416	2.48112	3.94013	1.4116	1
cg16319691	USH1C;USH1C	0.107586	0.133996	9.31455	9.31455	0.222907	5.86218	5.86218	0.619731	1.99522	1.99522	0.734614	0.625102	-1.59974	0.843344	1.31418	1.31418	0.936677	1.11596	1.11596	0.90679	1.17556	1.17556	0.0145986	63.6254	63.6254	0.0105278	85.1525	85.1525	2.48109	74.9255	26.8433	1
cg21118689	DCLK2;DCLK2	0.107589	0.779798	0.9219	-1.08472	0.109407	1.65933	1.65933	0.0696793	0.555107	-1.80145	0.393526	0.77602	-1.28863	0.0289652	0.473786	-2.11066	0.184218	1.50481	1.50481	0.909835	0.967667	-1.03341	0.46388	0.805493	-1.24148	0.100853	0.593714	-1.68431	2.48106	3.30761	1.18502	1
cg00768359	KLK5;KLK5;KLK5;KLK5;KLK5;KLK5	0.107592	0.125885	0.38193	-2.61828	0.75933	1.19553	1.19553	0.71069	1.24178	1.24178	0.28943	0.527781	-1.89473	0.176019	0.433385	-2.30742	0.195826	2.2145	2.2145	0.00896606	0.144907	-6.90096	0.13308	0.389923	-2.56461	0.827967	0.881189	-1.13483	2.48103	13.2725	4.75521	1
cg10847948	NADSYN1	0.107593	0.0523663	0.66656	-1.50024	0.0222924	1.65456	1.65456	0.124709	1.3574	1.3574	0.494682	1.13597	1.13597	0.170504	1.30779	1.30779	0.364906	1.18668	1.18668	0.502224	0.882322	-1.13337	0.431485	0.862773	-1.15905	0.757198	1.05867	1.05867	2.48101	1.32808	0.475821	1
cg18943321	NOTCH4	0.107593	0.978415	1.00655	1.00655	0.110547	0.665135	-1.50345	0.0400522	0.563934	-1.77326	0.91011	0.973104	-1.02764	0.143531	1.46147	1.46147	0.0247426	1.81152	1.81152	0.318292	1.28275	1.28275	0.66578	0.900405	-1.11061	0.445208	0.828756	-1.20662	2.48101	2.28092	0.820428	1
cg19358493	EMX2;EMX2OS;EMX2	0.107598	0.0556012	0.436981	-2.28843	0.0565163	0.436876	-2.27959	0.442586	1.34824	1.34824	0.280032	0.91564	-1.0924	0.0596133	0.513539	-1.94727	0.347203	0.691133	-1.4469	0.0129667	0.308221	-3.24443	0.734748	1.13859	1.13859	0.563589	1.17997	1.17997	2.48099	2.08669	0.75302	1
cg14401837	NPSR1;NPSR1	0.1076	0.0808354	0.65344	-1.53036	0.017603	1.88663	1.88663	0.204157	[illegible]	-1.34249	0.268694	0.776318	-1.28813	0.473011	0.851793	-1.17399	0.757663	1.07039	1.07039	0.144713	1.41099	1.41099	0.522607	0.867261	-1.15306	0.669752	1.09888	1.09888	2.48094	1.89806	0.680065	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10504150	NEU4;NEU4	0.1076	0.535403	0.767794	-1.30243	0.832442	0.914668	-1.09329	0.0812047	0.443153	-2.25656	0.227829	1.70392	1.70392	0.00550562	0.215189	-4.64707	0.618803	1.23512	1.23512	0.652625	1.21016	1.21016	0.764443	1.13487	1.13487	0.885398	1.0626	1.0626	2.48094	6.96402	2.49512	1
cg13928306	ZNF205;ZNF205;MGC3771;MGC3771	0.107602	0.165909	1.81948	1.81948	0.0235323	2.9914	2.9914	0.0338452	2.72828	2.72828	0.0279667	2.86309	2.86309	0.431256	1.3846	1.3846	0.892082	0.946496	-1.05653	0.965706	0.982734	-1.01757	0.485085	1.33295	1.33295	0.0672074	2.29551	2.29551	2.48092	6.44812	2.31029	1
cg20661303	LEFTY2	0.107603	0.0185992	0.23464	-4.26186	0.451597	0.677282	-1.47649	0.329316	0.599592	-1.6678	0.126313	0.431564	-2.31715	0.00716792	0.171371	-5.8353	0.618789	0.775028	-1.29028	0.308885	0.585627	-1.70757	0.311943	0.587741	-1.70143	0.120223	0.424697	-2.35462	2.48091	10.143	3.63415	1
cg19592945	P2RX6;MGC16703;P2RX6	0.107606	0.155095	0.549606	-1.81948	0.164826	0.558261	-1.79128	0.704393	0.860753	-1.16177	0.163719	0.557292	-1.79439	0.00915011	0.271923	-3.67752	0.392766	0.708641	-1.41115	0.276244	0.640483	-1.56132	0.0298742	0.365946	-2.73264	0.481037	1.32546	1.32546	2.48088	6.08053	2.17863	1
cg27665018	C7orf65	0.107607	0.134395	0.526792	-1.89828	0.133356	0.525749	-1.90205	0.0907036	0.477084	-2.09607	0.158458	0.549572	-1.8196	0.0133464	0.296092	-3.37733	0.280864	0.64078	-1.5606	0.24205	0.61496	-1.62612	0.0168905	0.314341	-3.18126	0.159191	0.550229	-1.81743	2.48087	6.19505	2.21967	1
cg16047053	OR1S2	0.107607	0.118145	0.294012	-3.40122	0.1268	0.303745	-3.29223	0.127584	0.304612	-3.28286	0.716696	0.76879	-1.30074	0.0375512	0.175355	-5.7027	0.140896	0.31896	-3.13519	0.0296576	0.157705	-6.34095	0.077374	0.242542	-4.123	0.0276284	0.152744	-6.54689	2.48087	20.4541	7.32864	1
cg17519938	LRRC47	0.107611	0.00811812	0.102045	-9.79956	?	?	?	0.597067	1.41292	1.41292	0.561104	1.46358	1.46358	?	?	?	0.655556	0.747683	-1.33746	0.533368	0.664331	-1.50527	0.138876	0.352546	-2.83651	0.461157	1.62703	1.62703	2.68909	13.5755	5.04837	1
cg19494000	SURF6	0.107613	0.00368894	0.600313	-1.6658	0.636679	1.06382	1.06382	0.661086	1.05904	1.05904	0.927265	0.988198	-1.01194	0.319326	0.874749	-1.14319	0.663302	0.944632	-1.05861	0.203318	1.19078	1.19078	0.672006	1.05694	1.05694	0.71188	1.04942	1.04942	2.48081	0.664313	0.238027	1
cg03306615	ASCL2	0.107618	0.0161968	5.65032	5.65032	0.0388756	4.0877	4.0877	0.160612	2.41677	2.41677	0.0295658	4.51942	4.51942	0.828729	1.13605	1.13605	0.807259	1.15478	1.15478	0.275946	1.94891	1.94891	0.132596	2.59994	2.59994	0.102801	2.86024	2.86024	2.48076	13.6201	4.88025	1
cg01227078	SLC25A46	0.107619	0.683621	0.930001	-1.07527	0.0745591	0.703391	-1.42168	0.380932	0.852847	-1.17254	0.96247	1.00837	1.00837	0.011921	0.573622	-1.74331	0.122546	1.34497	1.34497	0.300311	0.826876	-1.20937	0.0908587	0.718984	-1.39085	0.932012	0.985001	-1.01523	2.48075	1.23252	0.441628	1
cg19788941	KLHL29	0.107622	0.119758	0.472143	-2.118	0.0473144	2.74268	2.74268	0.060683	2.56053	2.56053	0.163696	1.93636	1.93636	0.135359	0.488894	-2.04543	0.975627	0.98651	-1.01367	0.216689	1.78236	1.78236	0.256954	1.69219	1.69219	0.776571	1.13485	1.13485	2.48072	7.76603	2.78272	1
cg05924068	HDAC4	0.107622	0.407417	1.16522	1.16522	0.542624	1.11762	1.11762	0.608681	1.09765	1.09765	0.555492	0.89799	-1.1136	0.40166	1.16752	1.16752	0.641922	0.918972	-1.08817	0.0147326	1.7188	1.7188	0.0945835	0.717815	-1.39312	0.0770169	0.701323	-1.42588	2.48072	1.27916	0.458349	1
cg21210642	TRIM14;TRIM14;TRIM14;TRIM14	0.107623	0.0352369	0.200123	-4.99692	0.248837	0.453516	-2.20499	0.164012	0.377499	-2.64902	0.257087	0.460288	-2.17255	0.0384735	0.20743	-4.82091	0.0699208	0.264631	-3.77884	0.0235864	0.16975	-5.89101	0.0674535	0.260774	-3.83474	0.118593	0.329097	-3.03861	2.48071	16.9071	6.05815	1
cg26773183	GUCY2F	0.107626	0.219041	1.9132	1.9132	0.316243	0.594488	-1.68212	0.153967	0.464843	-2.15126	0.38913	0.642128	-1.55732	0.0374664	0.29767	-3.35943	0.0934402	2.52456	2.52456	0.381114	0.637064	-1.5697	0.0548707	0.335268	-2.98269	0.42068	0.661729	-1.51119	2.48068	9.89721	3.54642	1
cg26110898	PDHB	0.107628	0.93717	1.02347	1.02347	0.579064	1.17926	1.17926	0.154342	1.56616	1.56616	0.0937651	1.71989	1.71989	0.89047	0.960269	-1.04138	0.449338	1.25463	1.25463	0.0100206	0.384226	-2.60263	0.172902	1.53231	1.53231	0.744344	1.10107	1.10107	2.48066	3.40147	1.21884	1
cg04865841	WDR8	0.107629	0.15011	5.08549	5.08549	0.0764759	0.125245	-7.98433	0.0873362	0.136716	-7.31446	0.215965	3.94629	3.94629	?	?	?	?	?	?	?	?	?	0.54633	1.90334	1.90334	0.286696	3.21012	3.21012	2.57957	30.2692	15.6456	1
cg01694451	SYT8	0.10763	0.690791	1.09586	1.09586	0.274107	1.29765	1.29765	0.103067	1.50424	1.50424	0.365899	1.23701	1.23701	0.0338041	0.56698	-1.76373	0.350816	1.24591	1.24591	0.0644697	1.60893	1.60893	0.857873	0.959789	-1.0419	0.0600675	1.62522	1.62522	2.48064	2.0595	0.737981	1
cg14005211	GAD1;GAD1	0.107636	0.719342	1.34787	1.34787	0.956103	0.955482	-1.04659	0.548078	0.604819	-1.65339	0.24883	0.368901	-2.71076	0.00734244	0.0573304	-17.4428	0.147042	0.275988	-3.62335	0.972742	1.02867	1.02867	0.021847	0.102652	-9.74163	0.623258	0.663905	-1.50624	2.48058	26.8888	9.63528	1
cg17152375	HDAC6	0.107636	0.187372	0.388585	-2.57344	0.197904	0.398279	-2.5108	0.1517	2.82642	2.82642	0.547866	1.5089	1.5089	0.0285998	5.73787	5.73787	0.071773	0.256689	-3.89577	0.427875	1.72904	1.72904	0.297275	2.07711	2.07711	0.990831	1.0078	1.0078	2.48058	17.9782	6.44228	1
cg21089667	HLTF;HLTF	0.107637	0.2597	0.900536	-1.11045	0.400643	1.07967	1.07967	0.880503	0.986685	-1.01349	0.827541	1.01963	1.01963	0.245867	1.11421	1.11421	0.793208	0.976862	-1.02369	0.00701572	1.36427	1.36427	0.0734529	1.19463	1.19463	0.439236	0.93212	-1.07282	2.48057	0.311917	0.111772	1
cg11604142	CHUK	0.107637	0.11732	0.744366	-1.34342	0.983676	1.00356	1.00356	0.176564	1.28316	1.28316	0.108561	0.738026	-1.35497	0.465733	0.879123	-1.1375	0.214369	0.797031	-1.25466	0.181945	0.782015	-1.27875	0.0804536	1.40004	1.40004	0.111521	1.35096	1.35096	2.48056	1.18326	0.424012	1
cg23989878	TAF8	0.107639	0.0201223	0.153936	-6.49621	0.0951994	3.3997	3.3997	0.152083	2.78451	2.78451	0.35007	1.90028	1.90028	0.619965	1.39607	1.39607	0.968837	1.02642	1.02642	0.0789	0.271902	-3.6778	0.579698	0.688399	-1.45265	0.91894	1.07031	1.07031	2.48054	17.502	6.27176	1
cg00418735	HRH3	0.10764	0.433758	0.865721	-1.15511	0.695453	0.931443	-1.0736	0.115437	0.734222	-1.36199	0.285599	0.818561	-1.22166	0.263514	1.23419	1.23419	0.0427276	1.52363	1.52363	0.0409923	1.53073	1.53073	0.69876	1.07272	1.07272	0.166714	1.30494	1.30494	2.48054	1.28026	0.458774	1
cg10121745	C8orf74	0.107641	0.199567	1.40039	1.40039	0.401723	0.807955	-1.23769	0.317353	0.773505	-1.29282	0.451918	0.826611	-1.20976	0.00727331	0.423074	-2.36365	0.441416	1.21537	1.21537	0.153233	1.46229	1.46229	0.867621	0.959398	-1.04232	0.890788	1.03472	1.03472	2.48053	2.42539	0.86913	1
cg12541049	PHOX2A	0.107641	0.638667	1.40934	1.40934	0.00259947	20.6321	20.6321	0.799459	0.831367	-1.20284	0.477689	1.68831	1.68831	0.849285	0.871084	-1.14799	0.615231	1.44436	1.44436	0.475298	0.590567	-1.69329	0.516917	0.620815	-1.61079	0.399081	1.8707	1.8707	2.48053	20.6771	7.40957	1
cg03469805	KIAA0284;KIAA0284	0.107646	0.680188	0.848062	-1.17916	0.803634	1.10413	1.10413	0.230175	0.606201	-1.64962	0.280273	1.56244	1.56244	0.340363	0.676596	-1.47799	0.816045	0.911509	-1.09708	0.994052	0.99704	-1.00297	0.00445602	4.51918	4.51918	0.478781	0.751041	-1.33149	2.48047	6.21047	2.22555	1
cg20440187	NOTCH4	0.107647	0.102657	0.569243	-1.75672	0.212826	0.66101	-1.51284	0.107713	0.574733	-1.73994	0.280205	0.70175	-1.42501	0.00994121	0.357959	-2.79361	0.780621	0.915675	-1.09209	0.282049	0.702776	-1.42293	0.0181643	0.404539	-2.47195	0.238929	0.677633	-1.47573	2.48047	3.91093	1.4015	1
cg08241694	DDC	0.107648	0.580939	0.901387	-1.1094	0.111611	0.724215	-1.38081	0.00642328	0.516784	-1.93504	0.26916	0.807117	-1.23898	0.861533	0.968013	-1.03304	0.232708	1.26242	1.26242	0.432865	1.16072	1.16072	0.669443	1.08325	1.08325	0.319695	0.825737	-1.21104	2.48046	1.36216	0.488139	1
cg08449164	SPTBN1;SPTBN1	0.107651	0.2535	1.8065	1.8065	0.00847723	5.2938	5.2938	0.0266903	3.67737	3.67737	0.585468	1.31406	1.31406	0.558628	0.745784	-1.34087	0.175278	2.04383	2.04383	0.657305	1.24785	1.24785	0.152678	2.13744	2.13744	0.890367	0.933893	-1.07079	2.48042	9.66107	3.46216	1
cg17575314	HK1;HK1;HK1;HK1;HK1	0.107652	0.714388	0.644666	-1.55119	0.0233443	25.4519	25.4519	0.0372818	17.9468	17.9468	0.987169	0.980975	-1.01939	0.0744004	0.0930766	-10.7438	0.588361	1.92066	1.92066	0.512591	2.21051	2.21051	0.408749	2.7434	2.7434	0.341267	0.309961	-3.22621	2.48042	56.0452	20.0845	1
cg00454864	AGAP3;AGAP3	0.107652	0.704377	0.879181	-1.13742	0.136422	1.71945	1.71945	0.0417278	2.20985	2.20985	0.0996049	1.83981	1.83981	0.272018	0.679617	-1.47142	0.0657951	0.4979	-2.00844	0.447128	0.769717	-1.29918	0.223734	1.53999	1.53999	0.831942	1.07442	1.07442	2.48041	4.48247	1.60635	1
cg03851398	C10orf125;C10orf125	0.107652	0.769159	0.91415	-1.09391	0.252611	1.43977	1.43977	0.0647973	1.88247	1.88247	0.708695	1.12128	1.12128	0.227466	1.47174	1.47174	0.816602	1.07343	1.07343	0.173719	0.643103	-1.55496	0.0161462	2.45398	2.45398	0.0605367	1.90692	1.90692	2.48041	3.6547	1.30971	1
cg14302904	SCG5;SCG5	0.107652	0.450724	0.658659	-1.51824	0.00314121	0.111504	-8.96831	0.0539883	0.304674	-3.2822	0.930968	1.0482	1.0482	0.350768	0.593439	-1.68509	0.593263	0.746075	-1.34035	0.468997	0.670123	-1.49226	0.346291	0.590386	-1.69381	0.88869	1.07906	1.07906	2.48041	11.5976	4.15614	1
cg10669351	NR1D2;NR1D2	0.107655	0.995447	0.99874	-1.00126	0.00466332	0.435463	-2.29641	0.453069	0.844596	-1.184	0.796217	1.05885	1.05885	0.167513	1.38416	1.38416	0.699026	0.917733	-1.08964	0.388834	1.21549	1.21549	0.850173	1.04267	1.04267	0.232479	0.758303	-1.31873	2.48039	1.91807	0.687372	1
cg15625495	VPS72	0.107656	0.273703	0.934831	-1.06971	0.683148	1.02458	1.02458	0.530062	1.03835	1.03835	0.140925	0.910563	-1.09822	0.93811	0.995416	-1.0046	0.00946263	0.823208	-1.21476	0.945202	0.995941	-1.00408	0.0747622	1.1246	1.1246	0.700421	1.02314	1.02314	2.48038	0.137504	0.049277	1
cg03136099	FHL2;FHL2;FHL2;FHL2	0.107657	0.53897	1.17033	1.17033	0.0136745	2.16211	2.16211	0.00989801	2.27965	2.27965	0.640082	1.12646	1.12646	0.332305	1.28775	1.28775	0.104288	1.56678	1.56678	0.268053	1.33872	1.33872	0.840914	0.950452	-1.05213	0.336259	1.28493	1.28493	2.48036	2.51162	0.900091	1
cg26462319	YPEL5;YPEL5;YPEL5;YPEL5	0.10766	0.712952	0.922535	-1.08397	0.0475966	0.609947	-1.63949	0.0604876	0.630086	-1.58708	0.0906759	0.665821	-1.50191	0.0206757	0.544434	-1.83677	0.0355608	0.586307	-1.70559	0.983002	0.995362	-1.00466	0.421779	0.836049	-1.1961	0.136014	0.704303	-1.41984	2.48034	1.87045	0.670322	1
cg17488500	ATP8B2;ATP8B2	0.107665	0.0415793	0.187346	-5.33772	0.011283	0.104125	-9.6038	0.0730383	0.240469	-4.15853	0.31435	0.476319	-2.09943	0.0390822	0.182276	-5.48618	0.21158	0.391378	-2.55507	0.172404	0.355146	-2.81574	0.336832	0.493687	-2.02558	0.155584	0.338545	-2.95381	2.48029	19.959	7.15293	1
cg14590369	ARRDC2	0.107666	0.654757	0.836232	-1.19584	0.889099	1.05701	1.05701	0.271947	0.634819	-1.57525	0.285441	0.643486	-1.55404	0.00549931	0.234492	-4.26453	0.704183	0.85935	-1.16367	0.82373	0.915164	-1.0927	0.205656	1.69986	1.69986	0.0758485	0.456066	-2.19267	2.48028	6.20265	2.22292	1
cg22880820	C9orf100	0.107666	0.223241	0.712902	-1.40272	0.123806	0.643547	-1.55389	0.174391	0.682456	-1.4653	0.889931	1.03729	1.03729	0.490008	0.830751	-1.20373	0.766621	0.924311	-1.08189	0.00265628	0.333139	-3.00175	0.665282	0.891274	-1.12199	0.532466	0.84603	-1.18199	2.48028	2.74691	0.984448	1
cg26663609	TPPP	0.107666	0.0845577	0.727435	-1.37469	0.0605061	0.702538	-1.42341	0.903088	0.979886	-1.02053	0.127842	1.31601	1.31601	0.848856	0.968676	-1.03234	0.908945	0.981097	-1.01927	0.0271182	1.54704	1.54704	0.363672	0.855801	-1.1685	0.512135	0.89503	-1.11728	2.48027	1.09297	0.391702	1
cg12885244	KRCC1	0.107667	0.493295	0.894791	-1.11758	0.540635	0.905769	-1.10403	0.102586	0.75171	-1.3303	0.135006	1.29363	1.29363	0.254045	1.20962	1.20962	0.0184144	0.633234	-1.5792	0.327362	1.17533	1.17533	0.283478	1.19488	1.19488	0.548544	1.10186	1.10186	2.48026	1.00286	0.359411	1
cg14272275	PDE2A;PDE2A;PDE2A;PDE2A	0.107668	0.0108345	1.66153	1.66153	0.0855989	1.35188	1.35188	0.120588	1.30622	1.30622	0.0911198	1.34349	1.34349	0.682318	0.936787	-1.06748	0.640065	0.927997	-1.07759	0.0868841	1.34988	1.34988	0.985536	1.00288	1.00288	0.965163	1.00695	1.00695	2.48026	0.98898	0.354436	1
cg08651378	C19orf25	0.10767	0.311237	0.82972	-1.20523	0.366916	0.847768	-1.17957	0.105951	1.36974	1.36974	0.0662636	0.692778	-1.44346	0.724138	1.06517	1.06517	0.126812	0.745096	-1.34211	0.0167788	0.594496	-1.6821	0.637289	1.0883	1.0883	0.952308	0.9894	-1.01071	2.48023	1.24703	0.446921	1
cg20569108	MLLT10;MLLT10	0.107671	0.692834	1.15077	1.15077	0.0541405	2.16652	2.16652	0.872452	1.05848	1.05848	0.111194	1.8474	1.8474	0.885147	1.05246	1.05246	0.186681	1.64072	1.64072	0.722722	1.13431	1.13431	0.00443751	3.83011	3.83011	0.21493	1.58687	1.58687	2.48022	4.9149	1.76145	1
cg02254581	IGHMBP2	0.107672	0.367054	0.72909	-1.37157	0.341664	1.39667	1.39667	0.0728705	0.505485	-1.9783	0.0103483	0.332435	-3.00811	0.0954737	0.535517	-1.86735	0.625891	1.18238	1.18238	0.494837	1.26663	1.26663	0.870981	1.05699	1.05699	0.750255	1.11504	1.11504	2.48021	4.56715	1.63683	1
cg20424486	SLC10A7;SLC10A7	0.107672	0.0529556	0.499376	-2.0025	0.0359687	0.462891	-2.16034	0.0240515	0.427564	-2.33883	0.182575	0.639807	-1.56297	0.391903	0.758102	-1.31908	0.235741	1.48039	1.48039	0.764852	1.09934	1.09934	0.254404	0.686788	-1.45605	0.792105	0.919982	-1.08698	2.48021	3.9155	1.40329	1
cg24617363	C6orf130;NFYA;NFYA	0.107673	0.428896	0.862928	-1.15884	0.301378	0.822449	-1.21588	0.0978776	0.717856	-1.39304	0.0458201	0.658426	-1.51877	0.587016	0.904732	-1.1053	0.0401655	0.648665	-1.54163	0.0121098	0.564972	-1.77	0.0651235	0.68521	-1.45941	0.744748	0.942107	-1.06145	2.4802	1.309	0.469138	1
cg01722450	C18orf20	0.107674	0.178238	0.436737	-2.28971	0.209631	0.46496	-2.15072	0.0997914	0.351833	-2.84226	0.578762	0.722667	-1.38376	0.0151418	0.177584	-5.63115	0.0562625	0.28593	-3.49735	0.0188525	0.192522	-5.19421	0.373799	0.589346	-1.6968	0.137135	0.395605	-2.52777	2.48019	13.1756	4.72206	1
cg01859669	GPR31	0.107676	0.0450461	0.50893	-1.96491	0.303729	0.731364	-1.36731	0.0607781	0.537512	-1.86042	0.396631	0.774972	-1.29037	0.0132533	0.405951	-2.46335	0.849408	1.05741	1.05741	0.178493	0.657167	-1.52168	0.693692	1.12328	1.12328	0.0767085	0.560903	-1.78284	2.48017	3.38811	1.21429	1
cg27359972	PPP1R15A;PPP1R15A	0.107679	0.884378	0.989976	-1.01013	0.77287	0.980163	-1.02024	0.857356	1.01253	1.01253	0.320807	0.931443	-1.0736	0.781846	0.980964	-1.01941	0.204864	1.09704	1.09704	0.00393967	0.764491	-1.30806	0.283512	1.0802	1.0802	0.949067	1.00443	1.00443	2.48014	0.18829	0.0674834	1
cg06730721	ABCA7	0.107681	0.835505	0.974768	-1.02589	0.144263	1.21262	1.21262	0.45259	0.910238	-1.09861	0.461879	0.912052	-1.09643	0.170815	0.835896	-1.19632	0.271528	1.15106	1.15106	0.75657	0.962503	-1.03896	0.0535038	1.30936	1.30936	0.020074	1.41165	1.41165	2.48012	0.593379	0.21267	1
cg15832847	C6orf155	0.107683	0.488162	1.18922	1.18922	0.0603865	1.68389	1.68389	0.00544761	2.45875	2.45875	0.492703	1.187	1.187	0.827297	1.05523	1.05523	0.738254	1.08602	1.08602	0.20508	0.719653	-1.38956	0.691664	1.10306	1.10306	0.242082	1.35156	1.35156	2.4801	2.37814	0.852345	1
cg17865653	IMPACT	0.107684	0.19993	0.80198	-1.24691	0.243886	0.819797	-1.21981	0.011094	0.595125	-1.68032	0.71415	0.941809	-1.06179	0.348432	0.854432	-1.17037	0.148504	0.776811	-1.28732	0.175402	1.2647	1.2647	0.932734	1.01385	1.01385	0.212122	1.23886	1.23886	2.48009	1.0432	0.373894	1
cg18874902	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.107685	0.0900942	1.17642	1.17642	0.432295	0.93267	-1.07219	0.362122	0.921758	-1.08488	0.198034	1.12561	1.12561	0.0142644	0.768834	-1.30067	0.149632	0.874271	-1.14381	0.642275	1.04153	1.04153	0.492564	1.06249	1.06249	0.931895	0.992593	-1.00746	2.48008	0.297144	0.1065	1
cg03160045	RBX1	0.107687	0.209452	0.654104	-1.52881	0.533936	1.22403	1.22403	0.0838573	1.84757	1.84757	0.947432	0.979064	-1.02138	0.0431632	0.474019	-2.10962	0.265173	0.688923	-1.45154	0.0425145	0.472591	-2.116	0.574955	0.833761	-1.19938	0.0984972	0.559104	-1.78858	2.48007	4.04455	1.44962	1
cg04628320	TBCB	0.107691	0.437326	0.649224	-1.5403	0.782423	1.16292	1.16292	0.733352	0.829916	-1.20494	0.751436	1.18916	1.18916	0.00857594	0.16073	-6.22163	0.0541565	0.303756	-3.29211	0.0329242	0.256619	-3.89682	0.713184	0.817678	-1.22297	0.304075	0.559723	-1.7866	2.48002	11.6753	4.18465	1
cg22860891	RBM17;RBM17	0.107692	0.529103	1.19939	1.19939	0.521559	0.830901	-1.20351	0.135059	0.631682	-1.58308	0.156086	1.54137	1.54137	0.363109	1.30542	1.30542	0.0301321	2.06914	2.06914	0.0674818	0.557567	-1.79351	0.434019	0.796422	-1.25562	0.345314	0.757941	-1.31936	2.48001	3.19357	1.14464	1
cg22885068	LOC100133669	0.107692	0.361053	0.704276	-1.4199	0.708561	1.15051	1.15051	0.620528	0.829981	-1.20485	0.868306	1.06392	1.06392	0.0633223	0.458522	-2.18092	0.76182	0.892699	-1.1202	0.00402996	0.236359	-4.23086	0.125793	0.538722	-1.85624	0.523577	0.785553	-1.27299	2.48001	5.47611	1.96275	1
cg13062455	SEL1L	0.107693	0.0693271	0.457065	-2.18787	0.104452	1.98155	1.98155	0.36442	0.698291	-1.43207	0.570432	1.24727	1.24727	0.109868	0.51092	-1.95725	0.360021	0.695858	-1.43708	0.0470125	0.416462	-2.40118	0.457999	0.747365	-1.33803	0.0545702	0.431585	-2.31704	2.48	5.83168	2.09021	1
cg22879191	CUX1;CUX1;CUX1	0.107695	0.92005	0.940209	-1.06359	0.0666777	3.53488	3.53488	0.0816172	3.27131	3.27131	0.556006	1.44153	1.44153	0.19098	0.427286	-2.34035	0.22278	0.455326	-2.19623	0.0393992	0.231443	-4.32073	0.904821	1.07622	1.07622	0.248719	0.476912	-2.09682	2.47998	14.812	5.30902	1
cg07829379	LHX1	0.107696	0.21901	0.685629	-1.45852	0.989937	1.00369	1.00369	0.116395	1.64563	1.64563	0.966714	0.987891	-1.01226	0.13005	0.620374	-1.61193	0.161426	1.54745	1.54745	0.0440962	0.508991	-1.96467	0.0979037	1.69912	1.69912	0.397614	1.28772	1.28772	2.47997	3.34798	1.20001	1
cg16759615	TBCD	0.107697	0.172648	0.792037	-1.26257	0.946851	0.989348	-1.01077	0.536707	0.904392	-1.10572	0.394858	0.869372	-1.15026	0.471254	1.12493	1.12493	0.410294	0.87349	-1.14483	0.00503125	1.81488	1.81488	0.450046	0.8837	-1.13161	0.929327	0.985851	-1.01435	2.47996	1.01351	0.36327	1
cg04929543	OSBPL6;OSBPL6	0.107699	0.971649	0.989226	-1.01089	0.00875726	0.36139	-2.76709	0.183353	0.650318	-1.53771	0.0168127	0.410962	-2.43332	0.972261	0.989457	-1.01066	0.595348	0.849265	-1.17749	0.722824	1.11466	1.11466	0.93925	1.0235	1.0235	0.280612	0.710461	-1.40754	2.47994	3.64909	1.30795	1
cg14429865	KIAA1688	0.107699	0.597162	1.22569	1.22569	0.0237265	2.80137	2.80137	0.243373	1.59325	1.59325	0.2587	1.56777	1.56777	0.0415549	0.407931	-2.45139	0.17578	1.73201	1.73201	0.446286	1.34476	1.34476	0.109953	1.94411	1.94411	0.350781	1.44259	1.44259	2.47994	5.71833	2.04963	1
cg26549552	KIAA0528	0.107701	0.304348	0.671058	-1.49018	0.407154	0.727625	-1.37433	0.685921	0.858599	-1.16469	0.0644303	0.458843	-2.17939	0.875153	0.942743	-1.06073	0.0996378	0.50828	-1.96742	0.907684	1.04446	1.04446	0.0365842	0.402157	-2.48659	0.00826252	0.281807	-3.54853	2.47992	5.52303	1.97964	1
cg12276123	KCNJ3;KCNJ3	0.107709	0.0476977	23.0031	23.0031	0.126848	9.84177	9.84177	0.823369	0.733749	-1.36286	0.80754	0.713217	-1.4021	0.306149	4.33714	4.33714	0.561273	2.25567	2.25567	0.851359	0.77123	-1.29663	0.0124255	74.3174	74.3174	0.0384337	27.6988	27.6988	2.47984	75.3158	26.9967	1
cg23325900	MND1	0.10771	0.0212253	0.274215	-3.64677	0.438189	0.691158	-1.44685	0.76822	0.871059	-1.14803	0.798888	0.887575	-1.12666	0.0286271	0.299353	-3.34054	0.275251	0.588473	-1.69931	0.0539868	0.359949	-2.77817	0.209104	0.538777	-1.85606	0.0282777	0.298281	-3.35254	2.47983	8.56989	3.07186	1
cg03752104	FAM90A8	0.10771	0.0510918	0.331499	-3.0166	0.0546718	0.338501	-2.9542	0.0446717	0.318044	-3.14422	0.279046	0.571591	-1.7495	0.0163101	0.232346	-4.30393	0.183287	0.495737	-2.0172	0.104385	0.413845	-2.41636	0.444089	0.678574	-1.47368	0.0862924	0.389915	-2.56466	2.47983	9.70071	3.4772	1
cg27010834	SFRP5	0.10771	0.0482361	0.521156	-1.91881	0.922079	0.972149	-1.02865	0.407697	1.27699	1.27699	0.276202	0.721082	-1.3868	0.159125	0.647623	-1.54411	0.088422	0.581178	-1.72064	0.0208882	0.448176	-2.23127	0.0418158	0.507979	-1.96858	0.388037	0.774594	-1.291	2.47983	3.27353	1.17339	1
cg24683103	SIL1;SIL1	0.107719	0.200779	0.783287	-1.27667	0.251955	1.24152	1.24152	0.718516	0.936665	-1.06762	0.82222	1.04152	1.04152	0.00645436	0.527165	-1.89694	0.868863	0.970572	-1.03032	0.64219	1.08826	1.08826	0.0929212	0.715939	-1.39677	0.215053	0.789855	-1.26606	2.47974	1.2833	0.46001	1
cg26231243	PIN1	0.107719	0.484279	1.09174	1.09174	0.702527	1.04853	1.04853	0.247867	1.16089	1.16089	0.61382	0.939096	-1.06485	0.829054	0.973651	-1.02706	0.976112	1.0037	1.0037	0.0456604	1.32707	1.32707	0.00959756	0.667024	-1.4992	0.509347	0.920664	-1.08617	2.47974	0.598921	0.21469	1
cg16336751	SPEF2;SPEF2;SPEF2;SPEF2	0.107723	0.994114	1.00197	1.00197	0.00678663	2.54477	2.54477	0.630105	0.878806	-1.13791	0.0819581	0.598609	-1.67054	0.808085	1.06694	1.06694	0.210194	0.703587	-1.42129	0.929861	0.976834	-1.02372	0.562927	0.855799	-1.1685	0.45959	0.818345	-1.22198	2.4797	2.78385	0.997919	1
cg04227743	KCNJ3	0.107725	0.859843	1.0499	1.0499	0.0590505	0.555786	-1.79925	0.0223293	0.470298	-2.12631	0.560097	1.17628	1.17628	0.615507	1.14973	1.14973	0.844684	1.05553	1.05553	0.0838869	1.69393	1.69393	0.207258	0.693192	-1.4426	0.351431	1.30244	1.30244	2.47968	2.98163	1.06882	1
cg27151361	MAGEA3	0.107726	0.903858	1.0574	1.0574	0.0122994	0.236923	-4.22078	0.0203196	0.274715	-3.64013	0.232281	0.560692	-1.78351	0.0743345	0.399162	-2.50525	0.841209	1.09708	1.09708	0.995045	1.00287	1.00287	0.429923	0.689259	-1.45083	0.841283	1.09703	1.09703	2.47967	8.37793	3.00324	1
cg14628982	PLB1;PLB1	0.107726	0.0895217	0.46967	-2.12915	0.412914	1.40205	1.40205	0.0799624	0.456442	-2.19086	0.0540433	0.413627	-2.41763	0.0177963	0.312496	-3.20004	0.496862	0.756933	-1.32112	0.0827343	0.460389	-2.17208	0.199201	0.578324	-1.72913	0.230568	0.601852	-1.66154	2.47967	6.40019	2.29428	1
cg25283121	GALNT9	0.107727	0.432674	0.69283	-1.44335	0.99934	0.999621	-1.00038	0.529562	1.33895	1.33895	0.114488	0.455326	-2.19623	0.0726996	0.39946	-2.50338	0.0781311	0.407783	-2.45229	0.0130431	0.243771	-4.10221	0.0847469	0.417401	-2.39578	0.145464	0.488515	-2.04702	2.47966	8.24871	2.95693	1
cg13285319	DEF6	0.107731	0.300175	0.569498	-1.75593	0.339271	1.67614	1.67614	0.268341	1.83047	1.83047	0.9708	0.980988	-1.01938	0.0449825	3.34165	3.34165	0.931775	1.04592	1.04592	0.0449981	3.34127	3.34127	0.078905	2.7819	2.7819	0.112997	0.404723	-2.47083	2.47962	10.7989	3.87116	1
cg02496234	SP8;SP8	0.107732	0.605441	0.812939	-1.2301	0.246743	1.61826	1.61826	0.999502	1.00025	1.00025	0.874462	0.939098	-1.06485	0.863443	1.07081	1.07081	0.626913	1.21491	1.21491	0.764798	1.12664	1.12664	0.00478971	4.42781	4.42781	0.0352516	2.64997	2.64997	2.47961	6.20237	2.22342	1
cg26649232	FCGBP	0.107734	0.368474	0.820605	-1.21861	0.326496	1.24213	1.24213	0.0293135	0.577242	-1.73237	0.228276	0.762872	-1.31084	0.677848	0.914468	-1.09353	0.351323	0.814394	-1.22791	0.0153961	0.529163	-1.88978	0.379318	1.21294	1.21294	0.520406	1.14964	1.14964	2.47959	1.79913	0.644957	1
cg02227867	C8orf58	0.107736	0.732737	0.939774	-1.06409	0.251461	0.804833	-1.24249	0.96444	1.00811	1.00811	0.238642	1.25064	1.25064	0.794463	1.04845	1.04845	0.219285	1.26378	1.26378	0.0983247	0.71997	-1.38895	0.960855	0.991145	-1.00893	0.00867667	1.83347	1.83347	2.47957	1.28963	0.462312	1
cg09152866	C6orf105;C6orf105	0.107736	0.118893	0.445487	-2.24474	0.0216583	3.73258	3.73258	0.646125	1.24714	1.24714	0.415106	0.671704	-1.48875	0.108069	0.432764	-2.31073	0.960985	0.976903	-1.02364	0.180757	0.507178	-1.97169	0.177948	1.98146	1.98146	0.472292	0.705217	-1.418	2.47957	8.96204	3.21276	1
cg11220245	MIR663	0.107737	0.012578	1.51387	1.51387	0.63048	1.06691	1.06691	0.0801877	1.2961	1.2961	0.345253	0.87819	-1.13871	0.612043	0.933943	-1.07073	0.632541	0.937658	-1.06649	0.805628	1.03349	1.03349	0.0724254	1.30716	1.30716	0.120141	1.25267	1.25267	2.47956	0.701163	0.251357	1
cg24801210	PCNP	0.107737	?	?	?	0.0222347	0.189713	-5.27112	0.293969	0.550972	-1.81497	?	?	?	0.742531	0.83811	-1.19316	?	?	?	?	?	?	?	?	?	0.103445	0.363752	-2.74913	3.3658	6.21206	2.30705	1
cg00507497	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.107737	0.18518	0.494214	-2.02342	0.02619	0.266324	-3.75483	0.413817	0.657685	-1.52048	0.300926	0.584134	-1.71193	0.0401274	0.304345	-3.28574	0.376125	0.63408	-1.57709	0.0179372	0.236288	-4.23211	0.828193	1.11518	1.11518	0.0712879	0.364058	-2.74681	2.47956	9.87998	3.54184	1
cg22293416	TTC35	0.107738	0.452416	0.90214	-1.10847	0.0342537	0.717265	-1.39419	0.477692	1.10199	1.10199	0.528676	1.08967	1.08967	0.797882	1.03513	1.03513	0.26323	1.16989	1.16989	0.0124666	1.51933	1.51933	0.556081	0.923024	-1.0834	0.905204	0.9841	-1.01616	2.47955	0.710756	0.254797	1
cg24137216	PLEC1;PLEC1;MIR661;PLEC1;PLEC1;PLEC1	0.107746	0.179171	1.74173	1.74173	0.0108107	3.47247	3.47247	0.0318457	2.6596	2.6596	0.570415	1.24981	1.24981	0.637846	1.20246	1.20246	0.25425	1.58872	1.58872	0.192014	1.71091	1.71091	0.132336	1.8805	1.8805	0.340593	0.682568	-1.46506	2.47946	5.9378	2.1287	1
cg03052541	RPTOR;RPTOR	0.107747	0.0354476	0.319019	-3.13461	0.0139514	0.242495	-4.1238	0.764085	1.15077	1.15077	0.931148	0.960484	-1.04114	0.0415474	0.334057	-2.9935	0.803582	1.1233	1.1233	0.598274	1.28154	1.28154	0.307689	0.611006	-1.63664	0.348889	0.637671	-1.56821	2.47946	8.54803	3.06448	1
cg08090128	TNFRSF18;TNFRSF18;TNFRSF18	0.107748	0.0299796	0.589541	-1.69623	0.841728	1.04225	1.04225	0.226583	1.30052	1.30052	0.409156	1.1909	1.1909	0.299579	0.800521	-1.24919	0.643888	0.908155	-1.10113	0.0181306	1.81098	1.81098	0.845089	1.04132	1.04132	0.458439	1.16912	1.16912	2.47945	1.68197	0.60299	1
cg20447568	EPB41L2;EPB41L2;EPB41L2	0.107751	0.199887	1.36907	1.36907	0.234072	0.748743	-1.33557	0.121046	0.677077	-1.47694	0.630816	0.893758	-1.11887	0.670065	1.10453	1.10453	0.528581	0.862348	-1.15962	0.00532418	0.426676	-2.3437	0.286251	0.773457	-1.2929	0.544134	0.867264	-1.15305	2.47941	2.11291	0.757496	1
cg09227136	GOLGA1	0.107755	0.0502815	1.34274	1.34274	0.00801514	1.56628	1.56628	0.275386	1.16167	1.16167	0.813203	1.03176	1.03176	0.331074	1.14161	1.14161	0.31512	1.14703	1.14703	0.263622	0.85736	-1.16637	0.251475	1.17143	1.17143	0.149617	1.22633	1.22633	2.47938	0.684871	0.245535	1
cg16745829	ERI2;LOC81691;LOC81691;ERI2	0.107757	0.370304	1.23709	1.23709	0.0906279	0.649765	-1.53902	0.478073	0.846369	-1.18152	0.309562	1.2753	1.2753	0.59646	1.13154	1.13154	0.343897	1.25292	1.25292	0.0158341	0.504831	-1.98086	0.0876371	0.646606	-1.54654	0.431719	0.830625	-1.20391	2.47935	2.10012	0.752926	1
cg12159330	TRIP11	0.107758	0.302734	0.882839	-1.13271	0.0231649	0.728416	-1.37284	0.0164825	0.710338	-1.40778	0.0785394	0.796057	-1.25619	0.272684	0.875235	-1.14255	0.862964	0.980036	-1.02037	0.297483	1.13436	1.13436	0.687668	0.953922	-1.0483	0.25662	0.870916	-1.14822	2.47934	0.535015	0.191813	1
cg18368019	MAPT;MAPT;MAPT;LOC100128977;MAPT;MAPT;LOC100130148;MAPT	0.10776	0.032995	0.538055	-1.85855	0.691346	1.10428	1.10428	0.819605	1.05842	1.05842	0.852108	0.954669	-1.04748	0.66367	0.896947	-1.11489	0.563498	0.864878	-1.15623	0.00634624	0.41345	-2.41867	0.373528	1.25492	1.25492	0.798647	1.0656	1.0656	2.47932	2.42619	0.869841	1
cg18072384	TNS3	0.107761	0.897427	1.04008	1.04008	0.0627765	0.528348	-1.89269	0.165419	0.637097	-1.56962	0.23349	0.68342	-1.46323	0.182256	0.649605	-1.5394	0.798409	1.08111	1.08111	0.0169271	2.42955	2.42955	0.547922	1.20356	1.20356	0.633887	0.863978	-1.15744	2.47932	3.64626	1.30726	1
cg04509074	C5orf38	0.107761	0.307347	0.60074	-1.66461	0.254836	0.563642	-1.77418	0.179653	0.502942	-1.9883	0.277149	1.7247	1.7247	0.746356	0.855126	-1.16942	0.0425633	3.08349	3.08349	0.768224	1.15317	1.15317	0.984277	1.00955	1.00955	0.0207678	3.82804	3.82804	2.47932	9.13183	3.27395	1
cg19865182	RALA	0.107763	0.0646871	0.741253	-1.34907	0.541427	1.0933	1.0933	0.232584	1.19797	1.19797	0.816247	1.03416	1.03416	0.0174205	1.51848	1.51848	0.408095	0.885064	-1.12986	0.901773	1.01798	1.01798	0.627431	0.931859	-1.07312	0.101869	0.772302	-1.29483	2.4793	0.817558	0.293115	1
cg26029744	NUF2;NUF2	0.107764	0.558315	0.86639	-1.15421	0.749074	0.925195	-1.08085	0.0387261	1.78597	1.78597	0.253375	1.33511	1.33511	0.071036	0.61348	-1.63005	0.441572	1.2094	1.2094	0.0343694	0.549937	-1.81839	0.447246	0.828883	-1.20644	0.859217	1.04395	1.04395	2.47928	2.30492	0.826375	1
cg20118306	TUBB	0.107766	0.972033	0.995794	-1.00422	0.932847	0.989918	-1.01018	0.023674	1.38372	1.38372	0.234337	0.860796	-1.16171	0.131263	0.822088	-1.21641	0.542005	0.928467	-1.07704	0.784475	0.967574	-1.03351	0.107912	1.23482	1.23482	0.0674132	1.27942	1.27942	2.47926	0.567685	0.203532	1
cg20750528	HDDC3;UNC45A	0.107767	0.0172705	0.138874	-7.20077	0.13965	2.95033	2.95033	0.728039	1.26823	1.26823	0.347773	0.517873	-1.93098	0.0473666	0.21348	-4.68428	0.757651	0.810036	-1.23451	0.088352	0.278078	-3.59612	0.899435	1.08987	1.08987	0.330456	0.504822	-1.98089	2.47925	18.1925	6.52256	1
cg13259605	DPM2;DPM2	0.10777	0.458876	1.10136	1.10136	0.0113448	1.50049	1.50049	0.68632	1.05335	1.05335	0.185754	1.19674	1.19674	0.904855	0.98481	-1.01542	0.942461	0.990802	-1.00928	0.580656	0.931066	-1.07404	0.107699	1.25196	1.25196	0.0208357	1.42768	1.42768	2.47922	0.643396	0.23068	1
cg26656135	EYA4;EYA4;EYA4;EYA4;EYA4;EYA4	0.107771	0.690016	0.953656	-1.0486	0.412435	0.905572	-1.10427	0.511171	0.924152	-1.08207	0.0141561	0.698846	-1.43093	0.342303	0.890645	-1.12278	0.156875	1.19628	1.19628	0.488247	0.920033	-1.08692	0.395895	0.902208	-1.10839	0.0557953	1.29239	1.29239	2.47922	0.550112	0.197235	1
cg20267101	BOC;WDR52	0.107772	0.0648649	0.388875	-2.57152	0.124593	2.13283	2.13283	0.137849	2.07072	2.07072	0.675317	0.825386	-1.21155	0.125094	0.469408	-2.13034	0.972904	0.984647	-1.01559	0.1186	0.462188	-2.16362	0.0916351	2.33058	2.33058	0.898228	1.06002	1.06002	2.47921	8.14847	2.92153	1
cg20438306	PHOX2B	0.107773	0.0313619	42.5026	42.5026	0.352483	4.1402	4.1402	0.0868718	16.5737	16.5737	0.327229	4.48987	4.48987	0.51599	2.65909	2.65909	0.652238	1.96135	1.96135	0.0206085	62.8409	62.8409	0.016033	79.6065	79.6065	0.725591	1.68756	1.68756	2.4792	86.5795	31.0421	1
cg04222409	PCNT	0.107777	0.581245	1.25567	1.25567	0.0189445	3.19407	3.19407	0.0354844	2.71959	2.71959	0.587019	1.25123	1.25123	0.349082	0.674396	-1.48281	0.253744	1.62756	1.62756	0.0478265	2.52106	2.52106	0.139502	1.91526	1.91526	0.175326	1.80218	1.80218	2.47915	6.55755	2.35118	1
cg18167160	TCEA3	0.107778	0.804206	1.07513	1.07513	0.924756	1.02793	1.02793	0.0498611	0.520805	-1.9201	0.0999474	0.591103	-1.69175	0.00541982	0.343904	-2.90779	0.695174	0.891495	-1.12171	0.20988	0.680165	-1.47023	0.987582	1.00455	1.00455	0.430279	0.790726	-1.26466	2.47915	3.33999	1.19754	1
cg10879683	HPCAL1;HPCAL1	0.107778	0.0303349	0.829923	-1.20493	0.360957	0.933543	-1.07119	0.0664054	0.860062	-1.16271	0.114459	1.13396	1.13396	0.42884	1.06093	1.06093	0.216599	1.09989	1.09989	0.146891	0.892259	-1.12075	0.800314	1.01873	1.01873	0.980062	0.998172	-1.00183	2.47915	0.210535	0.0754867	1
cg02046854	TTYH3	0.107779	0.555881	1.25765	1.25765	0.267084	1.56039	1.56039	0.0832769	2.09144	2.09144	0.0794969	2.11497	2.11497	0.0903013	0.487578	-2.05096	0.435847	1.35789	1.35789	0.0154663	3.13673	3.13673	0.399287	1.39385	1.39385	0.384016	1.40987	1.40987	2.47913	5.81462	2.08482	1
cg12017722	ISG20	0.10778	0.0337207	0.355044	-2.81655	0.900881	1.05341	1.05341	0.477147	0.739466	-1.35233	0.751738	0.875884	-1.1417	0.0136852	0.279945	-3.57213	0.48227	1.34745	1.34745	0.855022	0.92647	-1.07937	0.225195	1.70216	1.70216	0.120588	0.495093	-2.01982	2.47913	6.84608	2.45466	1
cg18512553	FAM189A1	0.10778	0.808376	0.935106	-1.0694	0.251591	0.718381	-1.39202	0.00314301	0.327987	-3.0489	0.394827	0.786112	-1.27208	0.701968	0.899269	-1.11201	0.688076	1.11789	1.11789	0.233464	1.41193	1.41193	0.715035	0.903702	-1.10656	0.934918	0.9777	-1.02281	2.47913	2.99403	1.07351	1
cg00699934	KLRG2	0.107782	0.447316	0.688	-1.45349	0.828566	0.900586	-1.11039	0.918644	0.951865	-1.05057	0.712485	0.836337	-1.19569	0.382935	0.649195	-1.54037	0.638241	0.7956	-1.25691	0.929644	1.04356	1.04356	0.00275118	7.35171	7.35171	0.833524	0.903366	-1.10697	2.47911	9.154	3.28218	1
cg09745864	TRAPPC9;TRAPPC9	0.107783	0.622579	0.936121	-1.06824	0.228042	1.18335	1.18335	0.266395	0.857204	-1.16658	0.564542	1.08057	1.08057	0.0594229	1.32726	1.32726	0.205666	1.1944	1.1944	0.0738584	1.30356	1.30356	0.0800666	0.772293	-1.29484	0.116209	1.25501	1.25501	2.4791	0.695109	0.249234	1
cg24061542	TP53I11;TP53I11	0.107784	0.0425275	0.718502	-1.39178	0.204376	1.20874	1.20874	0.202085	1.21003	1.21003	0.271108	0.850296	-1.17606	0.563905	0.920743	-1.08608	0.0252187	0.686118	-1.45748	0.141116	0.799294	-1.2511	0.287213	0.855205	-1.16931	0.667396	0.940643	-1.0631	2.47909	0.786621	0.282047	1
cg16501701	WBP2	0.107785	0.411392	1.10648	1.10648	0.0204326	1.40012	1.40012	0.0971028	1.24527	1.24527	0.0449167	1.31952	1.31952	0.744432	0.961361	-1.04019	0.716447	1.04492	1.04492	0.466549	1.09336	1.09336	0.927718	1.01099	1.01099	0.0178162	1.41483	1.41483	2.47908	0.569777	0.204297	1
cg23868899	FBXO32	0.107789	0.978103	0.990978	-1.0091	0.370349	0.738021	-1.35498	0.809332	1.0831	1.0831	0.378871	1.34734	1.34734	0.94191	0.976221	-1.02436	0.883652	1.04954	1.04954	0.00377773	0.27513	-3.63465	0.322007	1.40193	1.40193	0.344645	1.37912	1.37912	2.47904	4.28162	1.53523	1
cg11726474	PLD5	0.107791	0.0571878	0.212844	-4.69829	0.0169336	8.12204	8.12204	0.0754173	4.15086	4.15086	0.964108	0.96816	-1.03289	0.412088	0.54714	-1.82768	0.683882	0.745001	-1.34228	0.655622	0.724142	-1.38095	0.970042	0.973357	-1.02737	0.395895	0.53516	-1.8686	2.47901	20.3013	7.27934	1
cg02983203	PLAUR;PLAUR;PLAUR	0.107792	0.147385	1.40578	1.40578	0.0225943	1.81883	1.81883	0.289484	1.27236	1.27236	0.119853	1.4473	1.4473	0.514377	1.15588	1.15588	0.420205	1.19772	1.19772	0.0649648	0.63507	-1.57463	0.293297	0.787542	-1.26977	0.591016	1.1262	1.1262	2.479	1.88447	0.67571	1
cg11264935	ANKRD55;ANKRD55	0.107794	0.0948032	0.442501	-2.25988	0.0114476	0.245332	-4.07611	0.846313	0.917436	-1.08999	0.923221	1.04374	1.04374	0.0332204	0.331082	-3.0204	0.236299	0.576329	-1.73512	0.0654098	0.399159	-2.50527	0.337536	0.644639	-1.55125	0.847221	1.08943	1.08943	2.47899	7.74249	2.77622	1
cg17321235	SLC12A7	0.107795	0.267852	1.23516	1.23516	0.0584139	1.47891	1.47891	0.775879	1.05362	1.05362	0.840229	0.963737	-1.03763	0.599222	0.907524	-1.1019	0.676024	0.925978	-1.07994	0.00730945	1.88306	1.88306	0.168197	1.30829	1.30829	0.123797	1.35663	1.35663	2.47897	1.31462	0.471387	1
cg01553986	C11orf91	0.107796	0.603086	0.907692	-1.10169	0.645401	0.918013	-1.08931	0.326905	0.829564	-1.20545	0.0826895	0.70131	-1.4259	0.0891381	0.707433	-1.41356	0.12665	0.737094	-1.35668	0.065192	1.46551	1.46551	0.0786247	1.43423	1.43423	0.836984	0.962678	-1.03877	2.47896	1.33822	0.479849	1
cg04948524	GUCY1A2	0.107797	0.140689	1.16171	1.16171	0.738579	1.03219	1.03219	0.0304719	1.27193	1.27193	0.733739	0.968221	-1.03282	0.481159	1.07007	1.07007	0.0393165	1.25298	1.25298	0.267941	0.896596	-1.11533	0.216256	0.88419	-1.13098	0.294009	0.90217	-1.10844	2.47896	0.351255	0.125951	1
cg08973382	LOC151534;LBX2	0.107797	0.065058	0.267443	-3.73912	0.685131	0.77141	-1.29633	0.313109	0.514648	-1.94307	0.848113	0.885079	-1.12984	0.228945	0.447606	-2.23411	0.0400912	0.220835	-4.52827	0.0112475	0.13241	-7.55231	0.0380733	0.216367	-4.62177	0.36651	0.553963	-1.80517	2.47896	15.9147	5.70659	1
cg03372410	STK39	0.107797	0.347153	0.767989	-1.3021	0.186123	0.682325	-1.46558	0.0230722	0.476645	-2.098	0.057132	0.556046	-1.79841	0.358434	0.772968	-1.29371	0.072425	0.578886	-1.72746	0.0769499	0.584889	-1.70973	0.775323	1.08116	1.08116	0.0283775	0.493811	-2.02507	2.47895	2.91952	1.04687	1
cg25137372	HAL;HAL	0.107798	0.0661163	0.347813	-2.87511	0.0227524	0.247439	-4.04139	0.12302	0.424861	-2.35371	0.179676	0.481865	-2.07527	0.0266657	0.260393	-3.84035	0.18422	0.485962	-2.05777	0.0635827	0.343507	-2.91115	0.0817191	0.372191	-2.68679	0.151625	0.455192	-2.19688	2.47895	10.3046	3.69496	1
cg04493247	NSUN5;NSUN5;NSUN5;NSUN5	0.107798	0.780801	1.13118	1.13118	0.7196	0.852757	-1.17267	0.0377781	0.34491	-2.8993	0.580959	0.78166	-1.27933	0.0153071	0.268347	-3.72651	0.0325334	0.331018	-3.02098	0.55345	0.767308	-1.30326	0.341588	1.54185	1.54185	0.636876	0.810501	-1.2338	2.47894	7.66464	2.74835	1
cg27023555	ECEL1	0.107805	0.393449	0.81969	-1.21997	0.0673562	0.627355	-1.59399	0.888343	1.03247	1.03247	0.443142	1.19464	1.19464	0.379581	0.81463	-1.22755	0.49702	1.16981	1.16981	0.738098	0.926512	-1.07932	0.00836193	2.15205	2.15205	0.426769	1.2027	1.2027	2.47887	2.03107	0.728314	1
cg07900444	NCRNA00162	0.107806	0.0614544	0.541563	-1.84651	0.0286618	2.11993	2.11993	0.0661771	1.82191	1.82191	0.618034	1.15758	1.15758	0.805552	1.07443	1.07443	0.671238	1.13233	1.13233	0.766841	1.09041	1.09041	0.228564	1.44462	1.44462	0.169793	0.65333	-1.53062	2.47886	3.32653	1.19285	1
cg12795643	ATP4B	0.107806	0.634661	0.920102	-1.08684	0.0148736	1.68388	1.68388	0.74781	1.05772	1.05772	0.365864	0.850772	-1.1754	0.562922	1.1071	1.1071	0.0735521	1.41487	1.41487	0.064762	1.43453	1.43453	0.170024	1.28947	1.28947	0.391604	0.858398	-1.16496	2.47886	1.188	0.426002	1
cg11717930	TSPYL2	0.107809	0.387018	0.76897	-1.30044	0.00828682	0.36785	-2.7185	0.126606	0.612884	-1.63163	0.459636	1.24989	1.24989	0.750408	0.909781	-1.09917	0.133238	0.618858	-1.61588	0.335481	1.34213	1.34213	0.308184	1.36683	1.36683	0.584334	0.849017	-1.17783	2.47883	3.44604	1.23572	1
cg15022387	PRR12	0.107811	0.168414	1.25152	1.25152	0.886647	1.02204	1.02204	0.0643702	1.37391	1.37391	0.247296	1.20312	1.20312	0.062063	1.37869	1.37869	0.405895	0.87811	-1.13881	0.0573938	0.719954	-1.38898	0.230677	0.82513	-1.21193	0.955611	1.00855	1.00855	2.47881	0.917378	0.328967	1
cg12628062	PSMC3IP;PSMC3IP	0.107814	0.0144828	0.702353	-1.42379	0.436519	1.09756	1.09756	0.217604	1.1643	1.1643	0.169461	0.842272	-1.18726	0.284609	0.877784	-1.13923	0.62445	0.943777	-1.05957	0.0757849	0.793121	-1.26084	0.945725	0.992047	-1.00802	0.277102	1.14176	1.14176	2.47878	0.539961	0.19363	1
cg07605229	MAP2;MAP2;MAP2;MAP2	0.107816	0.65149	0.84166	-1.18813	0.582824	1.23404	1.23404	0.920407	0.96282	-1.03862	0.116507	1.90897	1.90897	0.0214024	0.350621	-2.85208	0.109181	1.93906	1.93906	0.092792	2.01604	2.01604	0.24626	1.58357	1.58357	0.538981	0.789935	-1.26593	2.47877	5.64202	2.02324	1
cg14409461	SMEK1	0.107816	0.457471	1.30453	1.30453	0.0104882	0.322483	-3.10093	0.0658817	0.484303	-2.06482	0.591824	0.826819	-1.20945	0.244571	0.652011	-1.53372	0.264639	0.664658	-1.50453	0.989932	1.00444	1.00444	0.0356892	0.423637	-2.36051	0.982968	0.992528	-1.00753	2.47876	4.84609	1.73782	1
cg15368822	TMEM63A;TMEM63A	0.107818	0.969624	1.00541	1.00541	0.133821	1.25732	1.25732	0.45935	1.11259	1.11259	0.394432	0.883798	-1.13148	0.285604	1.17006	1.17006	0.793133	1.03792	1.03792	0.236278	0.83883	-1.19214	0.229065	1.19572	1.19572	0.00606701	1.66109	1.66109	2.47874	0.787321	0.282337	1
cg17117981	TOP1MT	0.107818	0.221254	0.634761	-1.5754	0.659809	1.1695	1.1695	0.0602394	0.472771	-2.11519	0.0245073	0.387862	-2.57824	0.411159	0.742999	-1.3459	0.849371	1.06952	1.06952	0.18827	1.6369	1.6369	0.126264	1.79451	1.79451	0.357938	0.71593	-1.39678	2.47874	4.9052	1.75903	1
cg11326717	WWP1	0.107819	0.540352	1.14685	1.14685	0.0899451	0.661559	-1.51158	0.585352	0.885341	-1.12951	0.780275	0.940054	-1.06377	0.0142684	0.512699	-1.95046	0.892432	0.970535	-1.03036	0.100724	1.48795	1.48795	0.147995	1.40926	1.40926	0.801284	0.945778	-1.05733	2.47873	1.91826	0.687899	1
cg16141784	ACVR1;ACVR1	0.107822	0.384973	1.31374	1.31374	0.468675	0.797822	-1.25341	0.0799632	0.55146	-1.81337	0.0244824	0.439974	-2.27286	0.0339022	0.468272	-2.13551	0.248015	0.690749	-1.4477	0.300714	1.38892	1.38892	0.575298	1.18936	1.18936	0.738356	0.902396	-1.10816	2.4787	3.68446	1.32129	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01097940	SPSB2;SPSB2	0.107827	0.429696	1.16511	1.16511	0.0400681	0.637781	-1.56794	0.155456	1.33395	1.33395	0.303973	0.817244	-1.22363	0.274141	0.805968	-1.24074	0.463228	0.86802	-1.15205	0.125585	1.36921	1.36921	0.121934	0.727743	-1.37411	0.195188	1.29658	1.29658	2.47865	1.41067	0.505892	1
cg17881353	WNT9B	0.107828	0.517543	0.798878	-1.25176	0.0969644	1.86543	1.86543	0.171824	1.64511	1.64511	0.00908629	3.10963	3.10963	0.498873	0.790608	-1.26485	0.0968255	1.86601	1.86601	0.184228	1.61941	1.61941	0.859767	0.941273	-1.06239	0.329381	1.41129	1.41129	2.47864	4.59807	1.64896	1
cg05359518	TCF12;TCF12;TCF12;TCF12	0.107833	0.0148377	0.144415	-6.92449	0.186259	0.404663	-2.47119	0.332609	0.524507	-1.90655	0.0799538	0.285256	-3.50562	0.0440756	0.224567	-4.45302	0.378843	0.558271	-1.79124	0.0212995	0.167486	-5.97065	0.508207	0.648327	-1.54243	0.169833	0.389053	-2.57034	2.47859	16.3631	5.86824	1
cg11393847	HCK	0.107836	0.50317	0.778682	-1.28422	0.937392	0.971492	-1.02935	0.223063	1.60217	1.60217	0.0433401	2.35269	2.35269	0.194794	1.65687	1.65687	0.548608	0.799741	-1.2504	0.902091	0.9557	-1.04635	0.00838717	3.45509	3.45509	0.739967	0.884592	-1.13046	2.47856	5.32092	1.90825	1
cg23780635	ARHGEF10	0.107836	0.0416306	0.461163	-2.16843	0.0173758	0.385014	-2.59731	0.0701903	0.513234	-1.94843	0.317183	0.711247	-1.40598	0.0258912	0.418292	-2.39068	0.185885	0.629898	-1.58756	0.240234	0.666846	-1.4996	0.994684	1.0022	1.0022	0.251612	0.673895	-1.48391	2.47856	4.26264	1.52872	1
cg07313340	ARHGEF10	0.107839	0.0675521	0.667843	-1.49736	0.842646	1.03995	1.03995	0.546167	0.886573	-1.12794	0.298418	0.808594	-1.23671	0.059362	0.657341	-1.52128	0.527931	0.88157	-1.13434	0.0237691	1.70222	1.70222	0.736894	0.935694	-1.06873	0.145674	0.734963	-1.36061	2.47853	1.52521	0.546996	1
cg25508319	KCNJ5	0.10784	0.119098	0.350811	-2.85054	0.313003	1.9084	1.9084	0.100553	0.32825	-3.04646	0.0359071	0.220579	-4.53351	0.529864	1.48306	1.48306	0.910877	0.93301	-1.0718	0.0221058	0.182792	-5.47069	0.785806	1.18375	1.18375	0.29502	0.510417	-1.95918	2.47851	15.0538	5.39886	1
cg07671776	SH3PXD2A	0.107842	0.182811	0.550088	-1.81789	0.147606	0.518469	-1.92876	0.111323	2.08196	2.08196	0.126772	0.497433	-2.01032	0.211045	0.572852	-1.74565	0.34177	0.660903	-1.51308	0.0207346	0.308113	-3.24557	0.073855	0.430685	-2.32188	0.35555	0.669116	-1.49451	2.4785	7.01669	2.51646	1
cg27464574	WBP5;WBP5;WBP5;WBP5;WBP5;WBP5;WBP5;WBP5	0.107842	0.0686851	0.323786	-3.08846	0.0746584	0.33324	-3.00084	0.178175	2.2072	2.2072	0.169901	2.24577	2.24577	0.053493	0.297096	-3.36592	?	?	?	0.8027	0.870623	-1.1486	0.661003	1.27661	1.27661	0.512253	0.69224	-1.44459	2.50445	10.7981	4.31156	1
cg06595176	TMEM175	0.107849	0.262277	0.648907	-1.54105	0.0472913	0.431829	-2.31573	0.465364	0.759659	-1.31638	0.570124	1.23656	1.23656	0.0111904	0.308464	-3.24187	0.114465	0.529842	-1.88735	0.875316	1.05982	1.05982	0.457273	1.32323	1.32323	0.143376	0.558897	-1.78924	2.47843	5.37317	1.92709	1
cg24488391	METTL11B	0.107856	0.742577	0.941202	-1.06247	0.485014	0.877694	-1.13935	0.0409785	0.648137	-1.54288	0.0187797	0.592456	-1.68789	0.159172	1.31869	1.31869	0.352887	1.19215	1.19215	0.132941	0.742253	-1.34725	0.533247	0.890454	-1.12302	0.702089	1.07322	1.07322	2.47836	1.32686	0.47589	1
cg03131395	STAT3;STAT3;STAT3	0.107856	0.755034	1.06149	1.06149	0.027361	1.64492	1.64492	0.738693	1.06591	1.06591	0.0650852	1.48423	1.48423	0.244473	1.26131	1.26131	0.473083	0.870113	-1.14928	0.613814	1.10188	1.10188	0.0101134	1.85643	1.85643	0.363224	1.19502	1.19502	2.47836	1.42686	0.511758	1
cg03956353	EPS8L3;EPS8L3;EPS8L3	0.107856	0.992288	1.00185	1.00185	0.26112	1.25161	1.25161	0.460046	0.865854	-1.15493	0.903974	1.02338	1.02338	0.0393713	1.57843	1.57843	0.19804	1.2976	1.2976	0.0880888	1.43394	1.43394	0.0404491	0.635581	-1.57336	0.407866	0.850341	-1.176	2.47835	1.43939	0.516251	1
cg13375828	P2RX5;P2RX5;P2RX5	0.107858	0.0369325	0.477408	-2.09465	0.63332	0.8636	-1.15794	0.330602	1.35841	1.35841	0.739344	0.903135	-1.10725	0.158241	0.631119	-1.58449	0.374323	0.757116	-1.3208	0.0200264	0.424719	-2.3545	0.0352141	0.473109	-2.11368	0.935251	1.0251	1.0251	2.47834	3.65425	1.31064	1
cg26920757	SH2D3C	0.107858	0.0552725	0.394926	-2.53212	0.224089	0.579209	-1.72649	0.730205	0.862413	-1.15954	0.135454	0.502561	-1.98981	0.00917404	0.242997	-4.11527	0.606129	1.24906	1.24906	0.102639	0.465976	-2.14603	0.0932043	0.454021	-2.20254	0.820547	0.907419	-1.10203	2.47834	7.17625	2.57386	1
cg10954261	LOC221710	0.107859	0.118685	2.09455	2.09455	0.0246371	3.216	3.216	0.141714	1.99312	1.99312	0.895311	1.05915	1.05915	0.596447	1.26273	1.26273	0.113064	0.471039	-2.12297	0.633853	0.81102	-1.23301	0.775738	1.13278	1.13278	0.101632	0.457358	-2.18647	2.47833	7.47913	2.6825	1
cg10884560	HS1BP3	0.10786	0.529116	0.889909	-1.12371	0.0347352	1.56874	1.56874	0.0636679	1.46432	1.46432	0.247823	0.801702	-1.24735	0.959866	1.00925	1.00925	0.433703	1.15735	1.15735	0.732093	0.939073	-1.06488	0.161148	1.31491	1.31491	0.0731339	0.693782	-1.44137	2.47832	1.31348	0.471103	1
cg11087911	YTHDF3;YTHDF3	0.107861	0.25453	1.32214	1.32214	0.0563549	1.66058	1.66058	0.729405	1.08492	1.08492	0.84087	0.95391	-1.04832	0.0813584	1.57376	1.57376	0.0725115	1.60055	1.60055	0.0321525	0.55486	-1.80226	0.623151	1.12328	1.12328	0.926718	1.02183	1.02183	2.47831	2.16243	0.775593	1
cg06615610	TRAIP	0.107863	0.27031	0.870907	-1.14823	0.985185	0.997766	-1.00224	0.0697106	1.27669	1.27669	0.0124043	1.45468	1.45468	0.384917	1.11324	1.11324	0.324129	0.884595	-1.13046	0.856343	0.978415	-1.02206	0.517145	0.923961	-1.0823	0.226491	0.858196	-1.16524	2.47829	0.569182	0.204149	1
cg00995368	HLA-DQB1	0.107863	0.248571	1.54356	1.54356	0.242869	0.644133	-1.55247	0.0620375	0.469457	-2.13012	0.0389513	0.423064	-2.36371	0.277736	0.666144	-1.50118	0.226063	0.632858	-1.58013	0.687846	1.15646	1.15646	0.0247378	0.382049	-2.61747	0.831463	1.07972	1.07972	2.47828	5.08421	1.82356	1
cg04252529	ENGASE	0.107865	0.381906	0.827542	-1.2084	0.227187	1.30685	1.30685	0.133976	0.71095	-1.40657	0.755502	0.936191	-1.06816	0.160556	0.728758	-1.3722	0.00535208	0.461016	-2.16912	0.629501	1.10806	1.10806	0.968293	1.00843	1.00843	0.903696	0.974773	-1.02588	2.47827	1.74888	0.627277	1
cg01632825	CLTCL1;CLTCL1	0.107865	0.60751	0.876978	-1.14028	0.105085	1.56634	1.56634	0.404399	1.24132	1.24132	0.404704	1.24114	1.24114	0.481532	0.834207	-1.19874	0.704383	1.1014	1.1014	0.287789	0.756052	-1.32266	0.0220165	0.498584	-2.00568	0.0453954	0.559043	-1.78877	2.47827	2.52001	0.903859	1
cg25589070	C6orf105;C6orf105	0.107865	0.449926	0.851944	-1.17379	0.159068	0.731073	-1.36785	0.653075	0.910128	-1.09875	0.877567	0.968424	-1.03261	0.00775799	2.0373	2.0373	0.861813	0.964388	-1.03693	0.0726789	1.51704	1.51704	0.473025	1.16404	1.16404	0.64958	1.09988	1.09988	2.47827	1.7002	0.609815	1
cg02797569	PCOLCE;PCOLCE	0.107867	0.0275076	0.268157	-3.72916	0.395786	0.644646	-1.55124	0.159769	0.468414	-2.13487	0.036865	0.294054	-3.40074	0.0951986	0.396293	-2.52338	0.109796	0.414745	-2.41112	0.016087	0.226026	-4.42426	0.521643	0.720421	-1.38808	0.665407	0.802785	-1.24566	2.47825	10.0044	3.58834	1
cg14170976	FAM110A;FAM110A;FAM110A;FAM110A	0.107867	0.0533078	0.216635	-4.61606	0.0115035	0.110534	-9.04696	0.324519	0.492193	-2.03172	0.295216	0.469386	-2.13044	0.0295182	0.167684	-5.96359	0.918986	0.931569	-1.07346	0.969754	1.02677	1.02677	0.0999366	0.284779	-3.51149	0.223635	0.410325	-2.43709	2.47825	19.0537	6.83411	1
cg05118764	ECE2;ECE2;ECE2;ECE2	0.107869	0.364614	1.12483	1.12483	0.198907	0.842473	-1.18698	0.751973	1.04085	1.04085	0.042986	0.745222	-1.34188	0.297477	0.872508	-1.14612	0.357942	0.887478	-1.12679	0.00869577	0.655588	-1.52535	0.708755	1.04852	1.04852	0.266798	0.864081	-1.1573	2.47822	0.625803	0.224463	1
cg22112051	LINGO3	0.107878	0.292412	1.61125	1.61125	0.0510442	2.6391	2.6391	0.246985	1.69662	1.69662	0.927422	1.04059	1.04059	0.0793737	2.34065	2.34065	0.0425626	2.7724	2.7724	0.0100238	4.13518	4.13518	0.17551	1.8759	1.8759	0.759423	1.14355	1.14355	2.47814	7.48477	2.68473	1
cg20455570	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.107882	0.0226801	0.285121	-3.50728	0.365434	1.53379	1.53379	0.731776	1.17147	1.17147	0.227912	0.558687	-1.78991	0.0404362	0.336647	-2.97047	0.116165	0.455954	-2.1932	0.887117	0.936755	-1.06751	0.981855	0.989594	-1.01052	0.0501973	0.358097	-2.79254	2.4781	8.30389	2.97859	1
cg00893636	EPM2AIP1;MLH1;MLH1;MLH1;MLH1;MLH1	0.107882	0.443279	1.06099	1.06099	0.0682914	0.856757	-1.16719	0.0793079	1.15897	1.15897	0.263143	1.09238	1.09238	0.584945	0.959088	-1.04266	0.634123	1.03698	1.03698	0.0154585	1.25234	1.25234	0.341104	1.07713	1.07713	0.679652	0.96904	-1.03195	2.47809	0.225133	0.080755	1
cg01048244	FAM96B;FAM96B;FAM96B;CES2;CES2	0.107883	0.955704	0.969139	-1.03184	0.15562	2.3784	2.3784	0.0267898	4.57673	4.57673	0.236461	2.02403	2.02403	0.143264	0.40753	-2.4538	0.0880056	0.339948	-2.94162	0.147186	2.42898	2.42898	0.412272	1.60751	1.60751	0.461211	1.52881	1.52881	2.63046	12.9884	3.84045	1
cg12238593	BTN3A3;BTN3A3	0.107887	0.156398	0.319116	-3.13365	0.00942716	0.0838096	-11.9318	0.0232523	0.129577	-7.7174	0.0861342	0.239646	-4.17282	0.396164	0.519635	-1.92443	0.164466	0.32711	-3.05708	0.390538	0.515384	-1.9403	0.109871	0.269014	-3.71728	0.218058	0.376765	-2.65418	2.47805	22.2761	7.99055	1
cg20507066	ROBO1;ROBO1;ROBO1;ROBO1	0.107889	0.181521	0.569354	-1.75638	0.174499	1.77463	1.77463	0.614499	0.817356	-1.22346	0.785012	1.1147	1.1147	0.0252057	0.347484	-2.87783	0.338604	0.675892	-1.47953	0.0426335	0.39578	-2.52665	0.377723	1.43251	1.43251	0.123216	0.515239	-1.94085	2.47803	6.1894	2.22019	1
cg02840794	HPS6	0.107889	0.726086	0.911698	-1.09686	0.0100442	2.34909	2.34909	0.0187482	2.11409	2.11409	0.280324	1.34307	1.34307	0.449151	1.22472	1.22472	0.997074	0.999037	-1.00096	0.194204	1.43477	1.43477	0.106241	1.58989	1.58989	0.416726	1.24377	1.24377	2.47802	2.71124	0.972548	1
cg18404652	AP3M2;AP3M2	0.107892	0.0699901	2.67708	2.67708	0.0308398	3.42952	3.42952	0.0675545	2.70595	2.70595	0.377635	1.55272	1.55272	0.177475	2.00697	2.00697	0.050411	2.95617	2.95617	0.0314053	3.41068	3.41068	0.0588879	2.82065	2.82065	0.225941	1.8553	1.8553	2.47799	9.27181	3.32592	1
cg17484733	TCF7L1	0.107893	0.0478144	0.187105	-5.3446	0.0325489	0.156736	-6.38017	0.552311	0.640611	-1.56101	0.365729	0.502402	-1.99044	0.0743275	0.229268	-4.3617	0.298882	0.450436	-2.22007	0.0214196	0.129074	-7.74752	0.560911	1.54576	1.54576	0.117977	0.284396	-3.51622	2.47798	21.5321	7.72389	1
cg00478390	NOS3	0.107894	0.0205499	0.424168	-2.35756	0.570175	0.838303	-1.19289	0.224299	0.67546	-1.48047	0.175071	1.55783	1.55783	0.936134	0.975668	-1.02494	0.0579092	1.93277	1.93277	0.38123	0.758774	-1.31792	0.17253	0.640023	-1.56244	0.49242	0.807111	-1.23899	2.47798	3.70774	1.33002	1
cg13884617	PKD1L1	0.107894	0.43135	1.30184	1.30184	0.37623	1.3475	1.3475	0.254887	1.47764	1.47764	0.673111	1.14955	1.14955	0.0155066	0.377134	-2.65158	0.573035	1.20568	1.20568	0.0511725	2.07378	2.07378	0.875847	1.05269	1.05269	0.19245	0.635652	-1.57319	2.47797	4.23371	1.5187	1
cg14694622	FNDC3B;FNDC3B	0.107896	0.110766	0.82648	-1.20995	0.790257	0.971186	-1.02967	0.193028	0.859775	-1.16309	0.0995459	1.21895	1.21895	0.93656	1.00877	1.00877	0.765861	0.967777	-1.0333	0.0309397	1.32032	1.32032	0.366025	0.903157	-1.10723	0.0910104	0.815314	-1.22652	2.47795	0.472083	0.169345	1
cg04900667	C16orf65	0.107899	0.021452	1.23442	1.23442	0.262571	1.09311	1.09311	0.259522	1.09379	1.09379	0.252466	1.09539	1.09539	0.0503816	1.18529	1.18529	0.0414628	1.19627	1.19627	0.174902	1.11625	1.11625	0.490889	0.948065	-1.05478	0.465603	0.944976	-1.05823	2.47793	0.227976	0.0817802	1
cg20710697	CAMK2A;CAMK2A	0.1079	0.68856	1.15929	1.15929	0.361188	0.70868	-1.41107	0.501497	0.778591	-1.28437	0.827678	0.923138	-1.08326	0.013772	0.327237	-3.05588	0.465268	0.761377	-1.31341	0.0193679	0.354391	-2.82174	0.0509448	0.442334	-2.26074	0.161988	0.578228	-1.72942	2.47791	5.28177	1.8947	1
cg06928315	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.107904	0.318648	0.798361	-1.25257	0.061953	0.631758	-1.58288	0.10895	0.682528	-1.46514	0.383569	0.822654	-1.21558	0.19803	1.34615	1.34615	0.272902	0.779328	-1.28316	0.0280807	1.7626	1.7626	0.811701	0.949191	-1.05353	0.801263	1.05665	1.05665	2.47787	1.87347	0.672071	1
cg25367206	SLC45A4	0.107908	0.661692	1.11401	1.11401	0.121205	0.66231	-1.50987	0.0242053	0.517422	-1.93266	0.741494	0.922037	-1.08456	0.598847	1.13902	1.13902	0.0531938	0.583556	-1.71363	0.320708	1.28605	1.28605	0.115887	1.52049	1.52049	0.727031	0.917656	-1.08973	2.47784	2.35948	0.84643	1
cg07478468	MCOLN2	0.107911	0.888743	1.05883	1.05883	0.0029886	5.27608	5.27608	0.967332	1.01687	1.01687	0.652936	1.20305	1.20305	0.403116	1.41822	1.41822	0.807913	1.10459	1.10459	0.160143	0.541813	-1.84565	0.807297	1.10495	1.10495	0.889886	0.945	-1.0582	2.4778	6.54457	2.34781	1
cg27319151	TRIM31	0.107912	0.43524	0.48755	-2.05107	0.0161917	14.2143	14.2143	0.516143	0.552067	-1.81138	0.627449	0.643186	-1.55476	0.112952	0.210809	-4.74363	0.736208	1.35677	1.35677	0.539683	0.571041	-1.75119	0.041569	8.334	8.334	0.885272	1.13915	1.13915	2.47779	31.9545	11.4634	1
cg14962447	SNORD56B	0.107912	0.455089	0.857696	-1.16591	0.344909	0.821781	-1.21687	0.03976	0.618988	-1.61554	0.948575	0.98707	-1.0131	0.0556222	0.645582	-1.54899	0.676127	0.918726	-1.08846	0.0383952	1.62263	1.62263	0.513625	0.874893	-1.143	0.103351	0.698063	-1.43254	2.47779	1.59751	0.573095	1
cg23736307	PTK2B;PTK2B;PTK2B;PTK2B	0.107914	0.0725645	0.263183	-3.79963	0.262146	2.17945	2.17945	0.36041	1.87105	1.87105	0.177505	0.384851	-2.59841	0.0608685	0.244674	-4.08707	0.546927	0.666195	-1.50106	0.0310788	0.185212	-5.39923	0.137978	0.344984	-2.89869	0.715645	1.27605	1.27605	2.47778	17.4224	6.25019	1
cg19056573	GALNT9	0.107917	0.51505	1.19358	1.19358	0.0116971	2.32672	2.32672	0.0895275	1.6517	1.6517	0.246665	1.38367	1.38367	0.136199	1.53787	1.53787	0.0279065	2.00656	2.00656	0.200715	1.43659	1.43659	0.536775	0.845635	-1.18254	0.814332	1.06509	1.06509	2.47774	2.8198	1.0116	1
cg13260916	SRRT;SRRT;SRRT;SRRT	0.107917	0.302334	1.38286	1.38286	0.612814	1.16744	1.16744	0.661315	1.14309	1.14309	0.545312	0.830529	-1.20405	0.0412087	0.489449	-2.04311	0.124073	0.603368	-1.65736	0.0756732	0.548904	-1.82181	0.136616	1.62659	1.62659	0.16392	1.5693	1.5693	2.47774	3.61149	1.29562	1
cg25550546	PFDN1	0.107923	0.0393819	0.489831	-2.04152	0.546895	0.833137	-1.20028	0.0939901	0.576135	-1.7357	0.390205	0.768236	-1.30168	0.8853	0.957697	-1.04417	0.130235	0.612984	-1.63136	0.128638	0.611534	-1.63523	0.163364	1.56124	1.56124	0.112695	1.67709	1.67709	2.47769	3.51882	1.26241	1
cg18689253	TLE4	0.107923	0.234599	0.842355	-1.18715	0.361646	1.13782	1.13782	0.846133	0.973603	-1.02711	0.478499	0.905549	-1.1043	0.994125	1.00101	1.00101	0.829041	0.970663	-1.03022	0.00871232	0.631126	-1.58447	0.233799	1.18753	1.18753	0.0998282	1.28187	1.28187	2.47768	0.744	0.266916	1
cg04453971	GYPC;GYPC	0.107924	0.0594224	0.306928	-3.25809	0.291366	0.544572	-1.83631	0.168879	2.25626	2.25626	0.0477862	0.284712	-3.51233	0.0779039	0.337063	-2.9668	0.200911	0.472451	-2.11662	0.224591	2.03012	2.03012	0.207112	0.47783	-2.0928	0.619972	0.757686	-1.31981	2.47768	12.0913	4.33785	1
cg06258549	PRDM16;PRDM16	0.107924	0.141656	0.729409	-1.37097	0.765281	0.941971	-1.0616	0.363373	0.829848	-1.20504	0.342601	0.82265	-1.21558	0.784964	0.946856	-1.05613	0.0651402	1.512	1.512	0.0119235	1.87106	1.87106	0.744995	1.06733	1.06733	0.670624	0.918131	-1.08917	2.47767	1.56432	0.561217	1
cg16018455	XCL2	0.107925	0.959068	1.01462	1.01462	0.035754	1.99599	1.99599	0.701595	0.896821	-1.11505	0.0664545	0.558673	-1.78995	0.0882487	0.587394	-1.70243	0.68762	1.12112	1.12112	0.0566744	1.84079	1.84079	0.643443	1.14094	1.14094	0.873163	1.04623	1.04623	2.47766	3.13958	1.12636	1
cg08308257	SMNDC1	0.107925	0.0323846	1.95112	1.95112	0.42379	0.804147	-1.24355	0.666693	0.89082	-1.12256	0.0612264	1.75556	1.75556	0.524402	1.18783	1.18783	0.0220103	2.08119	2.08119	0.386426	0.789071	-1.26731	0.598984	1.1521	1.1521	0.652196	0.885982	-1.12869	2.47766	2.79367	1.00226	1
cg26757388	DLX5	0.107928	0.395264	1.40945	1.40945	0.405322	0.714899	-1.3988	0.519218	0.77293	-1.29378	0.540576	0.783327	-1.27661	0.297874	0.653518	-1.53018	0.906816	1.04724	1.04724	0.288001	0.64737	-1.54471	0.00469902	4.39738	4.39738	0.781937	1.11558	1.11558	2.47763	6.09736	2.18752	1
cg10652674	ANK3	0.107928	0.76586	1.06528	1.06528	0.386	0.828457	-1.20706	0.04988	0.622749	-1.60578	0.340841	1.23103	1.23103	0.623658	1.1104	1.1104	0.390284	1.20492	1.20492	0.274249	1.2724	1.2724	0.0556939	0.631844	-1.58267	0.0372404	0.599264	-1.66871	2.47763	1.75961	0.631286	1
cg06607764	CYTH1;CYTH1	0.10793	0.142087	2.03029	2.03029	0.504575	0.737985	-1.35504	0.0998085	2.2462	2.2462	0.0401798	2.89732	2.89732	0.816834	1.10971	1.10971	0.171004	0.519935	-1.92332	0.121251	0.470554	-2.12515	0.240881	0.576436	-1.7348	0.414448	1.45399	1.45399	2.47761	7.89991	2.83424	1
cg09141351	SMARCE1	0.107934	0.325342	1.284	1.284	0.690414	0.906156	-1.10356	0.74084	0.921551	-1.08513	0.293423	0.764706	-1.30769	0.108615	0.650008	-1.53844	0.0534935	0.582851	-1.7157	0.854255	0.955748	-1.0463	0.025098	1.92674	1.92674	0.253551	1.34111	1.34111	2.47758	2.37737	0.852939	1
cg05926314	PTPRN2;PTPRN2;PTPRN2	0.107937	0.0141877	0.418052	-2.39205	0.158987	0.647977	-1.54326	0.091671	0.585506	-1.70792	0.965724	0.987691	-1.01246	0.0240951	0.460544	-2.17135	0.168345	0.655003	-1.52671	0.0810792	0.572655	-1.74625	0.159085	0.648052	-1.54309	0.238208	0.700409	-1.42774	2.47754	3.25985	1.16956	1
cg20808227	PCGF3	0.107938	0.0544903	0.50541	-1.97859	0.444275	1.27627	1.27627	0.395824	1.31257	1.31257	0.906823	1.0373	1.0373	0.0105478	0.365553	-2.73558	0.146588	0.614244	-1.62802	0.175141	0.636979	-1.56991	0.799867	1.0827	1.0827	0.42356	0.774411	-1.2913	2.47753	3.83882	1.3773	1
cg14708401	ITPR1;ITPR1;ITPR1	0.107941	0.200042	0.604525	-1.65419	0.186751	0.594314	-1.68261	0.788478	1.10515	1.10515	0.619873	0.830345	-1.20432	0.0213992	0.357752	-2.79523	0.137786	0.552007	-1.81157	0.0634921	0.460328	-2.17236	0.0146353	0.327054	-3.0576	0.8315	0.923833	-1.08245	2.47751	5.42421	1.94612	1
cg12192884	NKD2	0.107946	0.968947	0.982523	-1.01779	0.960398	1.02274	1.02274	0.00498946	0.185804	-5.38202	0.140565	2.05032	2.05032	0.343271	1.55613	1.55613	0.322049	0.629189	-1.58935	0.995978	0.99772	-1.00229	0.524541	1.33921	1.33921	0.675064	1.2104	1.2104	2.47745	8.04887	2.88787	1
cg14151082	ZNF782	0.107947	0.00526036	0.524172	-1.90777	0.458515	0.87591	-1.14167	0.446662	0.872714	-1.14585	0.510951	1.12416	1.12416	0.66955	0.927416	-1.07827	0.681849	1.07503	1.07503	0.642893	0.921312	-1.08541	0.0314565	0.642181	-1.55719	0.442724	0.871643	-1.14726	2.47744	1.20886	0.433729	1
cg26594205	OGFRL1	0.107947	0.382892	1.44618	1.44618	0.0480084	2.53935	2.53935	0.0714983	2.29288	2.29288	0.327638	1.51681	1.51681	0.0482481	0.394304	-2.53611	0.195294	1.75899	1.75899	0.276301	1.59502	1.59502	0.127451	1.97299	1.97299	0.686569	0.845989	-1.18205	2.47744	6.66977	2.39307	1
cg08636573	CLDN15	0.107949	0.779486	1.08146	1.08146	0.428883	0.798262	-1.25272	0.120219	0.624841	-1.60041	0.502757	1.20895	1.20895	0.0852171	1.70048	1.70048	0.126233	0.630301	-1.58654	0.0228514	0.467763	-2.13784	0.958031	0.985425	-1.01479	0.118028	0.6228	-1.60565	2.47742	3.05413	1.09581	1
cg08120796	RIPK2;RIPK2	0.107951	0.637127	0.906461	-1.10319	0.147023	0.724953	-1.3794	0.400361	0.837005	-1.19474	0.476265	1.16149	1.16149	0.0078917	0.49443	-2.02253	0.225897	0.768866	-1.30062	0.425056	0.845045	-1.18337	0.10818	1.43654	1.43654	0.856529	0.963286	-1.03811	2.4774	1.67612	0.601389	1
cg12873612	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.107953	0.199487	1.24376	1.24376	0.0933107	0.743	-1.34589	0.0841336	0.73527	-1.36004	0.76153	0.9522	-1.0502	0.126346	1.30491	1.30491	0.52501	0.901535	-1.10922	0.0317629	1.49941	1.49941	0.568975	0.911526	-1.09706	0.833533	0.966699	-1.03445	2.47738	1.01607	0.364568	1
cg00524220	GNA11	0.107953	0.552934	0.70844	-1.41155	0.404773	1.6315	1.6315	0.395034	1.64907	1.64907	0.855584	1.11028	1.11028	0.898584	0.929396	-1.07597	0.427206	0.627814	-1.59283	0.00416051	0.110187	-9.0755	0.269816	1.93448	1.93448	0.382625	0.598016	-1.6722	2.47738	12.9378	4.64211	1
cg19248656	ABCC3;ABCC3	0.107953	0.239925	1.22429	1.22429	0.165591	0.784123	-1.27531	0.0378297	1.48595	1.48595	0.215296	1.23923	1.23923	0.741424	0.947002	-1.05596	0.0972496	0.741344	-1.3489	?	?	?	0.334221	0.848924	-1.17796	0.263558	0.825582	-1.21127	2.5033	0.953085	0.380731	1
cg11992736	IL12RB1;IL12RB1	0.107955	0.370552	0.600929	-1.66409	0.422833	0.635439	-1.57372	0.0316237	0.247666	-4.03769	0.16214	0.437502	-2.2857	0.0603173	0.309322	-3.23287	0.0667311	0.320283	-3.12224	0.0899531	0.355167	-2.81558	0.0127443	0.180123	-5.55176	0.337455	0.578273	-1.72929	2.47736	12.0361	4.3186	1
cg00821444	SNORD34;RPL13AP5;SNORD35A;RPL13A	0.107958	0.0261228	0.626803	-1.5954	0.518415	0.890589	-1.12285	0.398305	1.16539	1.16539	0.787798	1.04891	1.04891	0.0122041	0.575401	-1.73792	0.576599	1.10499	1.10499	0.119952	0.741881	-1.34793	0.634311	0.918687	-1.08851	0.357033	0.845649	-1.18252	2.47734	1.229	0.440975	1
cg01682021	LOC441046	0.107959	0.610076	0.69286	-1.44329	0.0512272	4.87347	4.87347	0.585522	0.675122	-1.48121	0.0351046	5.76232	5.76232	0.428298	0.561622	-1.78056	0.912026	0.924181	-1.08204	0.134411	3.16305	3.16305	0.0271506	6.46063	6.46063	0.829105	1.16674	1.16674	2.47732	19.9697	7.16533	1
cg21869055	KLK10;KLK10;KLK10	0.107963	0.466039	1.16208	1.16208	0.399611	0.839784	-1.19078	0.739486	0.934655	-1.06991	0.270995	0.792894	-1.2612	0.92446	1.01939	1.01939	0.709122	1.07883	1.07883	0.652411	1.09616	1.09616	0.0136507	1.85474	1.85474	0.0195034	1.77127	1.77127	2.47728	1.60881	0.577266	1
cg20871243	C1orf31	0.107964	0.318128	1.21157	1.21157	0.487841	1.14007	1.14007	0.0113508	0.554587	-1.80314	0.86276	0.968333	-1.0327	0.788521	0.951227	-1.05127	0.508165	0.882627	-1.13298	0.0269833	0.614398	-1.62761	0.166885	0.760264	-1.31533	0.901017	1.02341	1.02341	2.47727	1.35719	0.486985	1
cg13592003	ZNF250;ZNF250;ZNF250;ZNF250	0.107967	0.142674	3.60927	3.60927	0.160571	3.38102	3.38102	0.468279	1.80238	1.80238	0.0279953	0.111568	-8.96311	0.0481832	0.152136	-6.57306	0.529419	1.66166	1.66166	0.787513	1.23926	1.23926	0.405915	0.506553	-1.97413	0.363593	0.473278	-2.11292	2.84601	27.0185	6.32897	1
cg23651356	RGS17	0.107967	0.192953	0.554691	-1.80281	0.59478	0.794817	-1.25815	0.710949	1.1726	1.1726	0.857526	0.926014	-1.0799	0.02557	0.32152	-3.11022	0.371631	0.675448	-1.4805	0.0190788	0.297129	-3.36554	0.0321652	0.341863	-2.92515	0.134058	0.501002	-1.996	2.47724	7.17844	2.57579	1
cg03533829	AFF3;AFF3	0.10797	0.748037	1.20126	1.20126	0.0996836	0.358229	-2.79151	0.0556603	3.43409	3.43409	0.306048	1.8275	1.8275	0.62228	0.75389	-1.32645	0.151776	0.417412	-2.39571	0.0747811	0.323301	-3.09309	0.0719816	0.318951	-3.13528	0.868375	1.09896	1.09896	2.47721	12.7001	4.55714	1
cg19695334	SYNGAP1	0.107971	0.519421	0.733581	-1.36318	0.0373927	0.317933	-3.14532	0.00492277	0.170806	-5.85459	0.0941153	0.417635	-2.39443	0.775492	0.87315	-1.14528	0.209991	0.534338	-1.87148	0.987675	0.992699	-1.00735	0.473199	0.707452	-1.41352	0.700604	0.832533	-1.20115	2.4772	8.82933	3.16821	1
cg19144866	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL	0.107972	0.185112	0.615602	-1.62443	0.737669	0.890434	-1.12305	0.130738	0.569295	-1.75656	0.495958	0.787685	-1.26954	0.174433	0.607314	-1.64659	0.235945	0.651322	-1.53534	0.00395869	0.26241	-3.81083	0.750471	0.895706	-1.11644	0.443447	1.30963	1.30963	2.47719	4.67559	1.67774	1
cg14228300	IGFBP3;IGFBP3	0.107972	0.378715	1.65799	1.65799	0.00720822	0.143479	-6.96967	0.625291	0.759155	-1.31725	0.439905	1.55425	1.55425	0.769979	0.848615	-1.17839	0.101835	0.36692	-2.72539	0.894334	1.07724	1.07724	0.769664	0.848417	-1.17867	0.160165	2.31658	2.31658	2.47719	12.2969	4.41248	1
cg18253971	OSBPL1A;MIR320C2	0.107976	0.0458296	0.335137	-2.98385	0.745716	1.16812	1.16812	0.0854125	0.403292	-2.47959	0.765261	0.866754	-1.15373	0.00559872	0.176004	-5.6817	0.832625	1.10635	1.10635	0.450508	0.692684	-1.44366	0.998969	0.999383	-1.00062	0.490507	0.715715	-1.3972	2.47715	8.94774	3.21077	1
cg01390564	PRSS36	0.107977	0.313526	0.882987	-1.13252	0.239805	0.863342	-1.15829	0.0403096	0.753667	-1.32685	0.0573171	0.773596	-1.29266	0.581901	0.935766	-1.06864	0.541638	1.07655	1.07655	0.0801028	1.26088	1.26088	0.200401	0.850894	-1.17523	0.300732	1.13657	1.13657	2.47714	0.559165	0.200649	1
cg08948841	CTBP1;CTBP1;C4orf42	0.107981	0.369548	0.742301	-1.34716	0.102327	0.560947	-1.7827	0.833436	1.07047	1.07047	0.0600936	1.9854	1.9854	0.0391615	0.462168	-2.16372	0.329411	0.722176	-1.3847	0.0897113	0.546113	-1.83112	0.124076	0.583601	-1.7135	0.813469	1.07943	1.07943	2.4771	4.10242	1.47213	1
cg16555184	OTUD7B	0.107982	0.140773	0.835704	-1.1966	0.942485	1.00821	1.00821	0.776119	0.968216	-1.03283	0.110562	0.821205	-1.21772	0.520784	0.928916	-1.07652	0.0683259	0.793572	-1.26013	0.0308509	0.750348	-1.33271	0.708396	1.04348	1.04348	0.0651436	1.26437	1.26437	2.47709	0.503487	0.180673	1
cg05823465	NOD2	0.107984	0.565362	0.910252	-1.0986	0.00602313	1.78713	1.78713	0.0960628	0.743993	-1.3441	0.720751	0.943577	-1.0598	0.548707	0.906481	-1.10317	0.361693	1.16382	1.16382	0.573776	1.09632	1.09632	0.927633	1.01481	1.01481	0.431883	0.878279	-1.13859	2.47707	1.0271	0.36857	1
cg25414209	SOHLH2	0.107987	0.190918	0.721676	-1.38566	0.482212	1.18321	1.18321	0.151285	0.696157	-1.43646	0.102674	0.656663	-1.52285	0.0657861	0.614918	-1.62623	0.0386776	0.568933	-1.75768	0.0571589	0.602386	-1.66006	0.366915	1.24398	1.24398	0.689257	1.0993	1.0993	2.47704	2.17635	0.780987	1
cg26351027	CA13	0.107994	0.614993	1.52748	1.52748	0.771256	1.27511	1.27511	0.902292	1.10772	1.10772	?	?	?	?	?	?	?	?	?	?	?	?	0.00873525	21.1988	21.1988	0.951092	1.05242	1.05242	2.98201	17.3327	6.97489	1
cg04055096	ZNF423	0.107995	0.886772	0.936074	-1.06829	0.0107624	0.226339	-4.41815	0.038821	0.329822	-3.03194	0.128615	2.14153	2.14153	0.449087	0.699313	-1.42998	0.214314	0.545427	-1.83343	0.690759	0.830765	-1.20371	0.406577	0.67458	-1.4824	0.983777	1.00947	1.00947	2.47696	8.43384	3.02659	1
cg19285688	ANTXR2;ANTXR2	0.107995	0.068627	0.340137	-2.93999	0.158329	0.450262	-2.22093	0.0153351	0.207083	-4.82897	0.48593	0.687558	-1.45442	0.0386418	0.281606	-3.55106	0.746825	0.8425	-1.18694	0.0506043	0.307705	-3.24987	0.202575	0.49077	-2.03761	0.0823679	0.361278	-2.76795	2.47696	10.9819	3.94102	1
cg10349436	FHL2;FHL2;FHL2;FHL2	0.107997	0.0655217	7.17005	7.17005	0.948843	1.06306	1.06306	0.40157	2.26641	2.26641	0.106228	5.3723	5.3723	0.077778	6.47534	6.47534	0.70155	1.44335	1.44335	0.0333826	10.6902	10.6902	0.0133651	18.5456	18.5456	0.972137	0.967263	-1.03385	2.47694	35.6289	12.786	1
cg06326493	MAPK8IP3;MAPK8IP3	0.107997	0.657306	1.22067	1.22067	0.0382027	2.92359	2.92359	0.0125148	4.00429	4.00429	0.0513821	2.69285	2.69285	0.638978	1.23494	1.23494	0.227253	1.7614	1.7614	0.910065	1.05176	1.05176	0.319964	0.631942	-1.58242	0.35323	1.53202	1.53202	2.47694	7.824	2.80777	1
cg07030951	JUP;JUP	0.107998	0.0184321	2.78623	2.78623	0.906139	0.958606	-1.04318	0.0812988	1.99888	1.99888	0.984704	1.00689	1.00689	0.712625	0.875821	-1.14179	0.180987	0.601074	-1.66369	0.120152	0.546492	-1.82985	0.513946	1.26773	1.26773	0.172639	1.68236	1.68236	2.47693	5.03911	1.80837	1
cg16015966	DPY19L3	0.108001	0.926526	0.97567	-1.02494	0.0367301	0.52307	-1.91179	0.556509	0.853146	-1.17213	0.18825	0.689132	-1.4511	0.0452208	0.541437	-1.84694	0.247582	0.724098	-1.38103	0.0744568	1.70016	1.70016	0.716082	0.907064	-1.10246	0.264955	1.36377	1.36377	2.4769	2.79758	1.00397	1
cg16240962	SAP130;SAP130	0.108005	0.479131	1.37792	1.37792	0.856083	1.08425	1.08425	0.79211	0.888963	-1.12491	0.658781	0.820357	-1.21898	0.00782988	0.218545	-4.57572	0.940182	0.967113	-1.034	0.102316	2.21805	2.21805	0.663577	1.21533	1.21533	0.111182	2.16665	2.16665	2.47686	7.78805	2.79495	1
cg08517826	CLASP2	0.108005	0.19494	0.568904	-1.75777	0.0330313	0.358592	-2.78868	0.883172	1.06236	1.06236	0.162707	0.541651	-1.84621	0.0210225	0.319163	-3.13319	0.262974	0.618695	-1.6163	0.268223	1.60715	1.60715	0.514489	1.31254	1.31254	0.611085	1.2349	1.2349	2.47686	6.63999	2.38294	1
cg13023623	OTX2	0.108005	0.640568	0.68784	-1.45383	0.243679	2.6398	2.6398	0.423811	1.91564	1.91564	0.990139	1.00988	1.00988	0.557394	0.623635	-1.6035	0.639681	0.687147	-1.45529	0.338552	2.19248	2.19248	0.0029038	25.9759	25.9759	0.820657	1.19805	1.19805	2.47685	24.8409	8.91485	1
cg09991543	KCNH5;KCNH5;KCNH5	0.108006	0.307262	0.683698	-1.46263	0.75209	0.89225	-1.12076	0.584101	1.22003	1.22003	0.359514	0.712529	-1.40345	0.00295474	0.230362	-4.341	0.919768	0.964402	-1.03691	0.468835	1.30362	1.30362	0.319717	0.690786	-1.44763	0.303722	0.681656	-1.46702	2.47685	5.07723	1.82211	1
cg19445207	METTL8	0.108011	0.591477	0.846057	-1.18195	0.132672	0.606155	-1.64974	0.0521693	0.505857	-1.97684	0.892189	0.959022	-1.04273	0.137171	1.63886	1.63886	0.676003	0.878371	-1.13847	0.0178483	2.43139	2.43139	0.970912	1.01131	1.01131	0.947937	0.980052	-1.02035	2.4768	3.73462	1.3403	1
cg16768850	GUCY2E	0.108011	0.0905175	0.400243	-2.49848	0.0109873	0.208756	-4.79028	0.057826	0.348891	-2.86622	0.419203	0.666819	-1.49966	0.0664468	0.364015	-2.74714	0.342072	0.618405	-1.61706	0.100345	0.413202	-2.42012	0.0697018	0.369378	-2.70725	0.822361	0.895475	-1.11673	2.4768	9.45551	3.39345	1
cg10005947	EML1;EML1	0.108011	0.22618	0.58303	-1.71518	0.0117132	3.80766	3.80766	0.0698935	2.36424	2.36424	0.390486	1.45289	1.45289	0.889404	0.942642	-1.06085	0.404608	1.43624	1.43624	0.0745444	2.32425	2.32425	0.534821	1.30584	1.30584	0.51689	0.75655	-1.32179	2.4768	7.06991	2.53729	1
cg09829382	BRUNOL5	0.108012	0.128799	3.48718	3.48718	0.0884827	4.17915	4.17915	0.514138	1.65442	1.65442	0.378561	1.98866	1.98866	0.0571482	5.14301	5.14301	0.0689138	4.70683	4.70683	0.0156068	9.54623	9.54623	0.0470314	5.63901	5.63901	0.0865234	4.22407	4.22407	2.47678	22.7145	8.15198	1
cg25162927	ANO6;ANO6;ANO6;ANO6	0.108014	0.682584	1.06292	1.06292	0.14854	1.25855	1.25855	0.200657	1.22212	1.22212	0.975429	0.99544	-1.00458	0.772934	0.957975	-1.04387	0.130163	1.27455	1.27455	0.0173118	1.53754	1.53754	0.259057	0.839676	-1.19094	0.107997	0.77086	-1.29725	2.47677	0.863869	0.310034	1
cg27060340	ARHGAP27;ARHGAP27	0.108014	0.0615104	0.330626	-3.02457	0.264495	1.84245	1.84245	0.100433	0.388448	-2.57435	0.998343	1.00109	1.00109	0.14924	0.443695	-2.2538	0.747318	0.843789	-1.18513	0.1144	2.46516	2.46516	0.0631494	2.99869	2.99869	0.866993	1.09207	1.09207	2.47677	10.8301	3.88681	1
cg19945840	SDF4;SDF4;B3GALT6	0.108015	0.103704	1.74059	1.74059	0.576549	1.19211	1.19211	0.142313	1.63441	1.63441	0.700041	1.12815	1.12815	0.807044	1.0792	1.0792	0.873588	0.951616	-1.05084	0.0371665	2.12454	2.12454	0.0063395	3.02511	3.02511	0.210141	1.50884	1.50884	2.47675	3.80555	1.36579	1
cg27255459	ASH2L;ASH2L	0.108016	0.786379	1.04984	1.04984	0.469484	1.14084	1.14084	0.430711	0.86588	-1.15489	0.218907	1.26052	1.26052	0.870652	1.02961	1.02961	0.708443	1.06957	1.06957	0.00455271	0.50834	-1.96719	0.195178	0.782447	-1.27804	0.82131	1.04134	1.04134	2.47675	1.25758	0.451338	1
cg01931893	TK2;TK2	0.108019	0.453463	0.844424	-1.18424	0.871697	1.03634	1.03634	0.0644638	1.59536	1.59536	0.0933149	1.5124	1.5124	0.358478	1.23293	1.23293	0.812639	0.948908	-1.05384	0.347494	0.806906	-1.2393	0.00982302	2.11374	2.11374	0.372256	1.22518	1.22518	2.62891	1.98727	0.587944	1
cg03757594	SPATA1;GNG5	0.10802	0.228018	0.65942	-1.51648	0.113478	0.567355	-1.76256	0.00805487	0.327259	-3.05569	0.915731	1.03544	1.03544	0.0565494	0.491467	-2.03472	0.483012	0.790881	-1.26441	0.096919	0.549025	-1.82141	0.916968	0.966264	-1.03491	0.558024	1.21525	1.21525	2.47671	4.2479	1.52457	1
cg26166717	PARK2;PARK2;PARK2	0.108022	0.331668	0.723619	-1.38194	0.009554	0.34644	-2.8865	0.85725	0.943504	-1.05988	0.156787	1.63094	1.63094	0.906256	0.962665	-1.03878	0.540304	0.818541	-1.22169	0.291691	0.702315	-1.42386	0.072792	0.523901	-1.90876	0.33209	1.38153	1.38153	2.47669	4.09201	1.46863	1
cg15215033	SLC38A10;SLC38A10	0.108024	0.206055	0.529754	-1.88767	0.168086	2.01317	2.01317	0.657373	1.23692	1.23692	0.11764	0.445105	-2.24666	0.0948203	0.417085	-2.39759	0.0356938	0.312122	-3.20387	0.0359579	0.312805	-3.19688	0.724413	0.844837	-1.18366	0.294949	0.596087	-1.67761	2.47666	8.89945	3.19407	1
cg01941585	HMGA2;HMGA2	0.108025	0.314815	0.639141	-1.5646	0.339888	0.654687	-1.52745	0.59765	0.795034	-1.25781	0.349107	1.51453	1.51453	0.0170314	0.285688	-3.50033	0.0271191	0.324153	-3.08496	0.300819	0.630209	-1.58677	0.228974	0.580604	-1.72234	0.0469071	0.375459	-2.66341	2.47666	7.27464	2.61091	1
cg22460586	LOC100130581;LOC100130581	0.108029	0.166939	1.28562	1.28562	0.699023	0.9359	-1.06849	0.900695	0.978939	-1.02151	0.284624	0.827357	-1.20867	0.0862925	1.38145	1.38145	0.00799173	1.78543	1.78543	0.775191	0.952349	-1.05004	0.434905	0.872979	-1.1455	0.695622	0.935156	-1.06934	2.47661	1.14041	0.409306	1
cg09686497	VPS13D;SNORA59A;VPS13D;SNORA59B	0.108035	0.192992	1.53252	1.53252	0.216401	1.49646	1.49646	0.294257	1.40089	1.40089	0.182558	1.55015	1.55015	0.0509026	0.501993	-1.99206	0.553089	0.830326	-1.20435	0.781193	1.09012	1.09012	0.0175344	2.44926	2.44926	0.495728	1.23905	1.23905	2.47656	3.76653	1.35189	1
cg04343242	BDH2	0.108037	0.60474	1.11717	1.11717	0.236241	0.768466	-1.30129	0.152029	0.722082	-1.38488	0.481487	1.16395	1.16395	0.188677	1.34383	1.34383	0.896156	1.0281	1.0281	0.0102839	1.98619	1.98619	0.244215	0.772193	-1.29501	0.407993	1.19673	1.19673	2.47653	1.76607	0.633886	1
cg12403137	NAALAD2	0.108038	0.480831	0.601084	-1.66366	0.99593	0.996383	-1.00363	0.674883	1.3494	1.3494	0.00566895	13.1708	13.1708	0.569278	0.664596	-1.50467	0.295073	0.462396	-2.16265	0.118339	0.299861	-3.33488	0.588391	0.678335	-1.4742	0.544496	0.64681	-1.54605	2.47653	19.7908	7.10342	1
cg01215963	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.10804	0.908089	1.05364	1.05364	0.42087	1.45071	1.45071	0.552134	1.31278	1.31278	0.341076	1.55874	1.55874	0.283135	0.603771	-1.65626	0.999613	1.00022	1.00022	0.0128035	0.246868	-4.05075	0.81242	0.898024	-1.11356	0.0247574	0.29838	-3.35143	2.4765	8.02913	2.88189	1
cg09847584	RIMBP2;RIMBP2	0.108041	0.252744	0.674102	-1.48345	0.547819	0.81809	-1.22236	0.862471	0.944368	-1.05891	0.54717	0.817817	-1.22277	0.528788	0.810049	-1.23449	0.572669	0.828461	-1.20706	0.347702	1.37601	1.37601	0.00339431	0.268519	-3.72413	0.100704	0.552368	-1.81039	2.47649	4.2746	1.53428	1
cg16348316	PROC	0.108043	0.0352683	0.513218	-1.94849	0.992546	0.997462	-1.00254	0.516774	1.19582	1.19582	0.0254463	0.485532	-2.05959	0.266224	0.729672	-1.37048	0.38539	1.27392	1.27392	0.618241	0.872249	-1.14646	0.123857	1.57362	1.57362	0.442566	1.23738	1.23738	2.47647	2.90289	1.04194	1
cg03826976	CYB5R2	0.108043	0.0319539	7.63169	7.63169	0.172273	3.23727	3.23727	0.722547	0.749562	-1.33411	0.683465	1.39302	1.39302	0.0275932	8.2186	8.2186	0.08249	4.73584	4.73584	0.270417	2.52911	2.52911	0.0604558	5.53922	5.53922	0.0558527	5.76409	5.76409	2.47647	25.6434	9.20428	1
cg27454793	USP12	0.108044	0.197797	1.58401	1.58401	0.47839	0.78386	-1.27574	0.335504	1.39875	1.39875	0.0403025	0.449124	-2.22656	0.629091	1.17875	1.17875	0.863475	0.943505	-1.05988	0.0130314	0.353145	-2.8317	0.7488	1.11467	1.11467	0.542809	1.23139	1.23139	2.47647	4.47801	1.60731	1
cg07584494	KDM4B	0.108044	0.768661	0.935227	-1.06926	0.913298	0.975575	-1.02504	0.286622	0.777843	-1.28561	0.0980886	0.662338	-1.5098	0.636519	1.11414	1.11414	0.0440685	1.69091	1.69091	0.02012	1.88993	1.88993	0.307291	1.27119	1.27119	0.698439	0.915401	-1.09242	2.47647	2.02188	0.72572	1
cg21358380	LOC100133985	0.108044	0.440272	0.784343	-1.27495	0.152461	1.60486	1.60486	0.292826	0.714038	-1.40049	0.208101	0.663901	-1.50625	0.493852	1.23917	1.23917	0.731043	1.11237	1.11237	0.00747883	2.89443	2.89443	0.495252	1.23829	1.23829	0.516051	0.816083	-1.22537	2.47647	3.73611	1.34102	1
cg12437239	GOLIM4	0.108045	0.663826	0.9443	-1.05899	0.0096697	1.53585	1.53585	0.395631	1.12076	1.12076	0.75817	1.0413	1.0413	0.926286	1.0122	1.0122	0.177351	0.828707	-1.2067	0.441951	0.902353	-1.10821	0.866734	1.02225	1.02225	0.0426662	1.35774	1.35774	2.47646	0.673621	0.241787	1
cg07773582	LOC440335;LOC440335;LOC440335	0.108045	0.484692	1.16159	1.16159	0.0111293	1.95681	1.95681	0.693043	1.08729	1.08729	0.45321	1.1749	1.1749	0.242581	0.772621	-1.2943	0.935072	0.98296	-1.01734	0.025027	1.75489	1.75489	0.617234	0.899167	-1.11214	0.627544	0.902005	-1.10864	2.47646	1.74519	0.62641	1
cg03120284	AGRN	0.108047	0.534415	0.886229	-1.12838	0.334482	1.21054	1.21054	0.264257	1.25028	1.25028	0.167383	0.753891	-1.32645	0.0630772	0.669433	-1.4938	0.0464895	0.645513	-1.54916	0.0583497	1.50776	1.50776	0.684447	0.924566	-1.08159	0.778578	0.947329	-1.0556	2.47644	1.44519	0.518735	1
cg04394737	PRSS38	0.108047	0.692435	0.86142	-1.16087	0.173738	1.72122	1.72122	0.723729	1.14244	1.14244	0.463662	1.32297	1.32297	0.00492003	0.247112	-4.04675	0.49263	1.29883	1.29883	0.890143	1.05322	1.05322	0.889215	1.05369	1.05369	0.214631	0.612521	-1.6326	2.47644	5.52181	1.98199	1
cg15182221	GTF2F1	0.10805	0.543924	1.27687	1.27687	0.121945	1.94848	1.94848	0.596935	1.23657	1.23657	0.338049	1.48136	1.48136	0.496405	1.31624	1.31624	0.337258	1.48237	1.48237	0.00572548	0.236598	-4.22659	0.757822	1.13096	1.13096	0.918533	1.04155	1.04155	2.4764	6.20939	2.22882	1
cg09316894	ZNF274;ZNF274;ZNF274;ZNF274;ZNF274;ZNF274	0.108051	?	?	?	0.784866	1.25967	1.25967	0.140929	0.234891	-4.25729	?	?	?	?	?	?	?	?	?	0.0371176	0.0878935	-11.3774	0.301728	2.55193	2.55193	?	?	?	3.89748	16.9107	4.33888	1
cg15011622	EEPD1;EEPD1	0.108051	0.243019	1.16574	1.16574	0.218251	1.17653	1.17653	0.74487	0.959841	-1.04184	0.690217	1.05158	1.05158	0.305856	1.14235	1.14235	0.131026	1.22712	1.22712	0.0195624	0.701764	-1.42498	0.10725	0.801965	-1.24694	0.411381	1.1112	1.1112	2.4764	0.618013	0.221832	1
cg26918954	GFPT2	0.108052	0.0608228	0.363331	-2.75231	0.373609	0.645615	-1.54891	0.800499	0.885762	-1.12897	0.882198	1.07362	1.07362	0.0206094	0.262937	-3.80319	0.147601	0.475053	-2.10503	0.0210153	0.264492	-3.78083	0.416604	1.48844	1.48844	0.808251	0.890049	-1.12353	2.47638	9.00142	3.23103	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05736906	HDAC4	0.108054	0.693289	1.18884	1.18884	0.0336505	2.95282	2.95282	0.142447	1.98983	1.98983	0.703655	1.18149	1.18149	0.026469	0.317214	-3.15244	0.428493	1.42296	1.42296	0.888841	0.940796	-1.06293	0.381148	1.47993	1.47993	0.201257	0.554897	-1.80213	2.47636	7.46887	2.68095	1
cg08229018	PRSS12	0.108055	0.666697	0.925191	-1.08086	0.512353	0.887593	-1.12664	0.0918807	0.716769	-1.39515	0.534798	0.893327	-1.11941	0.00539025	0.518193	-1.92978	0.392776	0.854616	-1.17012	0.502223	0.884966	-1.12999	0.136159	1.33397	1.33397	0.393492	0.854829	-1.16982	2.47635	1.26298	0.453347	1
cg05708167	FA2H	0.108056	0.367717	0.589559	-1.69618	0.00963084	0.153935	-6.49624	0.0516402	0.282265	-3.54278	0.963328	0.974086	-1.0266	0.250579	0.503792	-1.98495	0.116475	0.377547	-2.64867	0.0431832	0.26492	-3.77473	0.154731	0.419052	-2.38634	0.982099	0.98727	-1.01289	2.47635	12.79	4.59097	1
cg02258002	CDGAP	0.10806	0.987382	0.994914	-1.00511	0.283173	1.43272	1.43272	0.0531187	0.492328	-2.03117	0.552775	1.21366	1.21366	0.0203661	0.405931	-2.46347	0.140493	0.599717	-1.66745	0.141597	1.66474	1.66474	0.811428	1.08012	1.08012	0.920526	1.0327	1.0327	2.4763	4.07808	1.46386	1
cg11521797	LOC284798;LOC284798;LOC284798	0.108062	0.0318603	0.402764	-2.48284	0.535865	0.797187	-1.25441	0.0885479	0.506959	-1.97254	0.98406	0.992803	-1.00725	0.0352738	0.412104	-2.42657	0.0930516	0.512706	-1.95044	0.0527398	0.451073	-2.21693	0.0648558	0.472531	-2.11627	0.850455	1.07062	1.07062	2.47629	5.1268	1.84032	1
cg09336260	GPR34;CASK;CASK;GPR34;GPR34;GPR34;CASK	0.108065	0.0340874	0.361614	-2.76538	0.0678875	0.431249	-2.31885	0.0980292	0.474048	-2.10949	0.550144	0.779846	-1.2823	0.0227571	0.325907	-3.06836	0.357953	0.677863	-1.47522	0.404294	0.704001	-1.42045	0.343053	1.49444	1.49444	0.0987371	0.474933	-2.10556	2.47626	6.63413	2.38142	1
cg02646665	POLR2J2	0.108066	0.491562	1.06156	1.06156	0.20942	0.893041	-1.11977	0.762214	1.02629	1.02629	0.176912	1.13058	1.13058	0.0140325	0.771561	-1.29607	0.77927	0.976261	-1.02432	0.0367329	0.812616	-1.23059	0.28857	0.910095	-1.09879	0.771528	0.975411	-1.02521	2.47624	0.28675	0.102934	1
cg16706687	SHANK2	0.108068	0.416996	0.738309	-1.35445	0.0343684	0.40547	-2.46628	0.72693	1.13682	1.13682	0.291622	1.49217	1.49217	0.0775127	0.487867	-2.04974	0.272015	0.658226	-1.51924	0.0497056	0.440943	-2.26787	0.0390537	0.417434	-2.39559	0.979103	0.990466	-1.00963	2.47623	5.2466	1.88337	1
cg10492657	CDYL;CDYL;CDYL	0.108068	0.828484	0.930732	-1.07442	0.0191521	2.55457	2.55457	0.444492	1.29421	1.29421	0.373071	1.35329	1.35329	0.814594	1.08082	1.08082	0.637762	0.854784	-1.16989	0.605657	1.18804	1.18804	0.00648751	3.22424	3.22424	0.918456	1.03446	1.03446	2.47623	4.29292	1.54103	1
cg23056433	FAM160B2	0.108068	0.479462	1.12925	1.12925	0.0324019	0.654756	-1.52729	0.172693	0.782417	-1.27809	0.629724	1.0856	1.0856	0.480589	1.12888	1.12888	0.663603	1.0768	1.0768	0.0164311	1.64171	1.64171	0.525156	0.896849	-1.11502	0.91455	0.982016	-1.01831	2.47622	1.12111	0.402444	1
cg06371582	TMEM154	0.10807	0.328199	0.76989	-1.29889	0.0108151	2.29209	2.29209	0.252717	1.36283	1.36283	0.144733	0.66639	-1.50062	0.253188	1.36237	1.36237	0.503246	1.19247	1.19247	0.112521	1.56466	1.56466	0.521956	1.18314	1.18314	0.675816	0.896752	-1.11513	2.4762	2.63314	0.945225	1
cg03009871	MAGI2	0.10807	0.417217	0.81049	-1.23382	0.0375473	1.84326	1.84326	0.0221055	2.00467	2.00467	0.306364	0.764609	-1.30786	0.383413	1.25422	1.25422	0.300608	0.76198	-1.31237	0.885179	0.964042	-1.0373	0.37365	0.793383	-1.26043	0.247901	1.35818	1.35818	2.4762	2.5189	0.904216	1
cg22251685	ST7OT1;ST7;ST7;ST7OT4	0.108071	0.481295	0.812162	-1.23128	0.464225	1.24175	1.24175	0.0377155	2.01485	2.01485	0.80766	0.931562	-1.07347	0.229156	0.692956	-1.44309	0.0455596	0.513543	-1.94726	0.12802	0.619876	-1.61322	0.197643	1.48558	1.48558	0.36601	0.763421	-1.30989	2.4762	3.31314	1.18933	1
cg07016556	BAHCC1	0.108076	0.721122	1.13873	1.13873	0.472466	0.767303	-1.30327	0.0844937	1.99702	1.99702	0.935757	1.02965	1.02965	0.230373	0.633765	-1.57787	0.446253	0.754727	-1.32498	0.0110099	0.314733	-3.1773	0.157557	0.578243	-1.72938	0.365804	1.40042	1.40042	2.47614	5.15184	1.84941	1
cg03910557	HEY2	0.108077	0.72627	0.871805	-1.14705	0.153382	0.550623	-1.81613	0.302987	1.51658	1.51658	0.0938737	2.05246	2.05246	0.254067	0.628218	-1.5918	0.266947	0.636717	-1.57056	0.033778	0.380019	-2.63145	0.805221	1.10124	1.10124	0.108406	1.98093	1.98093	2.47613	5.97459	2.14478	1
cg11353035	BCL6B;BCL6B	0.108077	0.0879605	5.87937	5.87937	0.0209315	13.6524	13.6524	0.0882195	5.86917	5.86917	0.108391	5.19436	5.19436	0.910204	1.11197	1.11197	0.116235	4.98202	4.98202	0.0518831	8.01239	8.01239	0.084399	6.02449	6.02449	0.065687	6.98	6.98	2.47613	34.7052	12.4586	1
cg24069733	DBNDD2;DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2;DBNDD2	0.10808	0.357679	0.769072	-1.30027	0.792914	1.07577	1.07577	0.0904159	0.595765	-1.67851	0.0721074	0.572804	-1.7458	0.185029	0.67693	-1.47726	0.372076	0.775394	-1.28967	0.00455866	0.350399	-2.85389	0.677194	0.890289	-1.12323	0.943043	0.980361	-1.02003	2.4761	3.02168	1.08474	1
cg12944146	PLXNB2	0.108084	0.465959	0.772387	-1.29469	0.0217708	2.60804	2.60804	0.0219122	2.60434	2.60434	0.737448	1.12425	1.12425	0.479788	0.778756	-1.2841	0.381394	0.731603	-1.36686	0.102971	1.8607	1.8607	0.84534	0.934277	-1.07035	0.808281	1.0883	1.0883	2.47607	4.75181	1.70586	1
cg10169539	NIN;NIN;NIN	0.108085	0.0285275	0.371524	-2.69162	0.0755738	0.468653	-2.13378	0.191262	0.588519	-1.69918	0.484947	0.761925	-1.31247	0.032477	0.383225	-2.60944	0.935941	1.03128	1.03128	0.0701208	0.460338	-2.17232	0.0329683	0.384601	-2.6001	0.269895	0.643914	-1.553	2.47606	5.75688	2.06669	1
cg16644366	SPN;SPN	0.108087	0.0731248	0.28982	-3.45042	0.203619	2.29675	2.29675	0.512335	1.5095	1.5095	0.690837	0.780575	-1.28111	0.0210774	0.179225	-5.57957	0.712131	0.794799	-1.25818	0.0498597	0.250052	-3.99918	0.998919	0.999161	-1.00084	0.13138	0.364477	-2.74365	2.47604	15.0583	5.40587	1
cg08533036	FANCA	0.108089	0.99993	1.00001	1.00001	0.0525092	0.792772	-1.2614	0.0209746	0.746367	-1.33982	0.611723	0.947508	-1.0554	0.02736	0.759608	-1.31647	0.765697	0.969011	-1.03198	0.200666	1.153	1.153	0.848099	1.0204	1.0204	0.633109	0.950606	-1.05196	2.47602	0.435073	0.156191	1
cg16640553	FBXO31;FBXO31	0.108091	0.381147	0.828073	-1.20762	0.986417	1.00358	1.00358	0.542425	1.13826	1.13826	0.751741	0.93552	-1.06892	0.40171	0.835059	-1.19752	0.00436853	0.449515	-2.22462	0.257014	1.28204	1.28204	?	?	?	0.952461	0.987557	-1.0126	2.50188	1.55354	0.620948	1
cg26878967	SPTBN2	0.108092	0.873852	0.912064	-1.09641	0.469566	0.652968	-1.53147	0.210682	0.465773	-2.14697	0.491414	0.667071	-1.49909	0.00997234	0.151819	-6.58678	0.201657	0.457903	-2.18387	0.011671	0.161087	-6.20782	0.543061	0.700028	-1.42851	0.138998	0.397503	-2.51571	2.47598	13.1603	4.72461	1
cg16562976	TSPAN9;TSPAN9	0.108092	0.0310972	0.633335	-1.57894	0.0554911	1.4796	1.4796	0.927176	0.983634	-1.01664	0.506401	0.88542	-1.12941	0.900664	1.0228	1.0228	0.850186	0.966444	-1.03472	0.0702283	0.693974	-1.44098	0.853627	0.967212	-1.0339	0.101008	1.38292	1.38292	2.47598	1.27773	0.458712	1
cg08589721	VWA1;VWA1	0.108095	0.0190877	0.328421	-3.04487	0.0515332	0.418999	-2.38664	0.193217	0.582504	-1.71673	0.0678327	0.448059	-2.23185	0.06722	0.447066	-2.23681	0.842269	0.92478	-1.08134	0.202953	0.590065	-1.69473	0.157955	0.552931	-1.80854	0.451523	1.35131	1.35131	2.47595	6.0409	2.16874	1
cg16692761	TAF1B	0.108098	0.197804	1.6227	1.6227	0.180796	1.65756	1.65756	0.104736	1.87868	1.87868	0.370987	1.38637	1.38637	0.422005	0.746998	-1.33869	0.796787	1.09611	1.09611	0.0134383	0.336727	-2.96976	0.515203	1.26449	1.26449	0.300532	1.4645	1.4645	2.47592	4.95939	1.78049	1
cg20939662	LHX2	0.108099	0.919852	0.914608	-1.09336	0.0447705	0.129636	-7.71388	0.870111	0.864907	-1.15619	0.209486	3.23195	3.23195	0.622988	0.644388	-1.55186	0.32401	0.405218	-2.46781	0.0193391	0.0813839	-12.2874	0.323021	2.47267	2.47267	0.0799434	0.178509	-5.60196	2.47591	30.8418	11.0727	1
cg21020944	AKAP11	0.1081	0.0472061	1.67473	1.67473	0.272124	1.29639	1.29639	0.0818528	1.54938	1.54938	0.0134541	2.00344	2.00344	0.487097	0.851858	-1.1739	0.264112	1.30256	1.30256	0.364318	0.809217	-1.23576	0.862622	0.961434	-1.04011	0.869568	1.03802	1.03802	2.4759	2.02208	0.725959	1
cg23246706	SFRS15;SFRS15;SFRS15;SFRS15;SFRS15;SFRS15	0.108101	0.202891	0.756177	-1.32244	0.115265	1.42763	1.42763	0.495926	1.15459	1.15459	0.132332	1.40168	1.40168	0.109199	1.43785	1.43785	0.176882	1.34776	1.34776	0.0426974	0.615651	-1.6243	0.89403	0.972671	-1.0281	0.224689	1.30363	1.30363	2.47589	1.69503	0.608545	1
cg26474666	MCF2L;MCF2L	0.108105	0.299747	2.00848	2.00848	0.00714183	9.53051	9.53051	0.0291552	5.30238	5.30238	0.353244	1.85863	1.85863	0.726662	1.25576	1.25576	0.098032	3.24699	3.24699	0.105319	3.15296	3.15296	0.356393	1.85071	1.85071	0.158564	2.65917	2.65917	2.47585	16.5125	5.92837	1
cg00598335	NEIL2;NEIL2;NEIL2;NEIL2;NEIL2	0.108105	0.0683121	1.28497	1.28497	0.740513	1.04167	1.04167	0.390245	0.897493	-1.11421	0.805912	0.970212	-1.0307	0.128649	0.81731	-1.22353	0.559568	1.07517	1.07517	0.097558	0.799858	-1.25022	0.102804	0.803113	-1.24516	0.0650599	1.28977	1.28977	2.47585	0.591727	0.212444	1
cg08728613	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.108107	0.97496	0.993467	-1.00658	0.0579016	0.639074	-1.56476	0.908205	1.02438	1.02438	0.163524	0.733049	-1.36417	0.00393831	0.444825	-2.24808	0.234306	0.770767	-1.29741	0.615985	0.899778	-1.11138	0.33017	0.810704	-1.2335	0.28335	0.792328	-1.2621	2.47583	1.71015	0.613987	1
cg27470433	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.108107	0.0996952	1.49351	1.49351	0.215342	0.748309	-1.33635	0.286874	0.782027	-1.27873	0.543106	1.14666	1.14666	0.167341	1.38713	1.38713	0.746104	1.0749	1.0749	0.728846	1.08044	1.08044	0.797286	1.05889	1.05889	0.0119082	0.497681	-2.00932	2.47583	1.93812	0.695838	1
cg12049992	FAM38B	0.108108	0.621587	0.745817	-1.34081	0.120607	0.370715	-2.69749	0.0424756	0.2523	-3.96354	0.20067	2.2182	2.2182	0.506872	0.672381	-1.48725	0.169956	2.36695	2.36695	0.81075	1.15189	1.15189	0.451869	0.636489	-1.57112	0.0455442	3.86362	3.86362	2.47583	13.6238	4.89131	1
cg14930884	LOC401463	0.108109	0.416054	0.857468	-1.16622	0.0679405	0.685088	-1.45967	0.0338409	1.58146	1.58146	0.667858	1.08313	1.08313	0.840396	1.03801	1.03801	0.276803	1.23275	1.23275	0.491797	0.878829	-1.13788	0.614024	1.09864	1.09864	0.0317754	1.59298	1.59298	2.47581	1.34187	0.481772	1
cg27274604	SLIT1	0.108112	0.0533641	0.476348	-2.09931	0.350231	0.722587	-1.38392	0.520545	1.24618	1.24618	0.947941	1.02231	1.02231	0.201969	0.634275	-1.5766	0.65898	1.16193	1.16193	0.0148454	2.75299	2.75299	0.204585	0.636127	-1.57201	0.893938	1.04611	1.04611	2.47578	4.47745	1.60756	1
cg14716780	C6orf132	0.108113	0.916804	1.01307	1.01307	0.903453	1.0152	1.0152	0.0595211	1.30263	1.30263	0.640127	1.06028	1.06028	0.933865	0.989736	-1.01037	0.126921	1.2278	1.2278	0.00416531	1.61183	1.61183	0.75194	1.04021	1.04021	0.683159	0.950265	-1.05234	2.47577	0.605937	0.217553	1
cg01755266	NLRX1;NLRX1	0.108117	0.807389	0.87212	-1.14663	0.0290297	0.236562	-4.22722	0.673201	0.78849	-1.26825	0.0925699	0.354554	-2.82045	0.00701019	0.141827	-7.05083	0.276643	0.530532	-1.8849	0.703333	1.23904	1.23904	0.555634	0.71611	-1.39643	0.942612	1.04115	1.04115	2.47573	12.3045	4.41782	1
cg23695707	GSC	0.108117	0.789946	1.14003	1.14003	0.154708	2.11204	2.11204	0.0672541	0.365441	-2.73642	0.228971	1.85837	1.85837	0.498456	1.40118	1.40118	0.111301	2.34301	2.34301	0.0317682	3.44016	3.44016	0.0600854	2.83226	2.83226	0.945555	1.03409	1.03409	2.47573	9.44733	3.39198	1
cg01988923	C14orf4	0.10812	0.0929506	0.785253	-1.27347	0.632893	1.06496	1.06496	0.44449	0.903073	-1.10733	0.760858	0.960862	-1.04073	0.282371	1.15731	1.15731	0.992984	1.00115	1.00115	0.00763038	0.638503	-1.56616	0.0817233	0.777002	-1.287	0.319034	0.873991	-1.14418	2.4757	0.670703	0.240813	1
cg09782637	DIP2C	0.108124	0.236352	0.637427	-1.56881	0.0313454	0.399904	-2.5006	0.503193	0.781473	-1.27964	0.0388241	2.38258	2.38258	0.114288	0.53611	-1.86529	0.188856	0.603375	-1.65734	0.755085	0.892646	-1.12027	0.839768	1.07624	1.07624	0.159413	0.579432	-1.72583	2.47566	5.16435	1.85426	1
cg15293181	SNTG2	0.108125	0.112893	0.342483	-2.91986	0.0663233	0.278348	-3.59263	0.0995662	0.325982	-3.06766	0.583287	0.708905	-1.41063	0.59266	0.715096	-1.39841	0.706367	0.790551	-1.26494	0.0153793	0.157719	-6.34038	0.0274212	0.197878	-5.05362	0.0791062	0.298017	-3.35552	2.47565	15.1193	5.42863	1
cg10715425	NPHP4;NPHP4	0.108127	0.0269128	0.504666	-1.98151	0.316615	0.763257	-1.31017	0.334218	0.771135	-1.29679	0.13173	0.654049	-1.52894	0.141258	0.661766	-1.51111	0.0121815	0.442552	-2.25962	0.0756813	0.596939	-1.67521	0.229914	0.719852	-1.38918	0.0669797	0.585192	-1.70884	2.47563	2.66984	0.958621	1
cg00927169	MMP15	0.108127	0.249685	3.588	3.588	0.0776355	8.02699	8.02699	0.0581486	9.71823	9.71823	0.13775	5.45957	5.45957	0.0515294	0.0950149	-10.5247	0.192097	4.33332	4.33332	0.159077	4.94459	4.94459	0.46535	2.20129	2.20129	0.178229	4.56806	4.56806	2.47563	44.2191	15.8771	1
cg06464008	TLX1NB	0.108131	0.0191152	19.1987	19.1987	0.112537	6.04954	6.04954	0.629585	0.602687	-1.65924	0.553161	0.535232	-1.86835	0.245465	3.54563	3.54563	0.531321	0.516503	-1.9361	0.745233	0.711981	-1.40453	0.834287	1.24393	1.24393	0.0211074	17.9857	17.9857	2.47559	42.5635	15.2829	1
cg12893852	EZH1	0.108133	0.0983515	0.352573	-2.83629	0.298995	0.538465	-1.85713	0.0927975	0.345228	-2.89664	0.371415	0.589917	-1.69515	0.049737	0.276044	-3.62261	0.0322832	0.236523	-4.22793	0.0329686	0.23831	-4.19621	0.737338	1.21357	1.21357	0.0610059	0.296936	-3.36773	2.47557	12.966	4.65563	1
cg26207909	CKB	0.108133	0.0230166	0.0872799	-11.4574	0.541854	1.73998	1.73998	0.224514	3.14054	3.14054	0.545445	0.577618	-1.73125	0.0705104	0.163156	-6.12909	0.167957	0.267653	-3.73618	0.256521	2.89297	2.89297	0.23232	0.32514	-3.0756	0.166988	0.266744	-3.74892	2.47557	31.5435	11.3261	1
cg21345207	NCOA7;NCOA7	0.108136	0.0834877	3.39648	3.39648	0.459375	0.61828	-1.61739	0.780673	1.19501	1.19501	0.262804	2.10674	2.10674	0.535392	1.49272	1.49272	0.362359	1.81765	1.81765	0.0285077	5.20514	5.20514	0.0195678	6.05323	6.05323	0.0498297	4.1698	4.1698	2.47554	15.9712	5.73475	1
cg14346565	RBM18;RBM18;MRRF;RBM18;MRRF	0.108136	0.931596	0.975578	-1.02503	0.125955	0.620722	-1.61103	0.00428323	0.332731	-3.00543	0.793355	1.07854	1.07854	0.998915	1.00039	1.00039	0.235464	1.43061	1.43061	0.652986	0.87779	-1.13923	0.4611	0.805652	-1.24123	0.571595	1.17897	1.17897	2.47554	3.25212	1.16773	1
cg12442369	ZNF878	0.108138	0.260297	1.3025	1.3025	0.112043	1.47621	1.47621	0.608103	0.890105	-1.12346	0.064998	1.59422	1.59422	0.26297	1.30041	1.30041	0.0227926	1.84659	1.84659	0.0332018	1.75129	1.75129	0.160519	1.40134	1.40134	0.561467	0.876209	-1.14128	2.47552	1.98631	0.713228	1
cg22889322	AGAP7	0.108138	0.0223311	0.309965	-3.22618	0.317262	0.64256	-1.55627	0.454024	0.721595	-1.38582	0.195207	0.556472	-1.79704	0.0581385	0.400062	-2.49961	0.0391856	0.360247	-2.77588	0.0220606	0.308949	-3.23678	0.221692	0.577227	-1.73242	0.121359	0.487465	-2.05143	2.47552	7.17604	2.57671	1
cg02069095	NCKAP5;NCKAP5	0.108138	0.598328	0.857067	-1.16677	0.533545	0.832807	-1.20076	0.0635227	0.545901	-1.83183	0.539556	0.835098	-1.19746	0.370778	0.765943	-1.30558	0.167016	0.65219	-1.53329	0.009873	0.388295	-2.57536	0.109166	1.66002	1.66002	0.332789	0.74836	-1.33625	2.47552	3.30035	1.18506	1
cg09366587	PLXNC1	0.108138	0.254517	0.443431	-2.25514	0.00541577	0.0819369	-12.2045	0.0771474	0.261002	-3.83139	0.906976	0.923208	-1.08318	0.117535	0.312885	-3.19607	0.255853	0.444533	-2.24955	0.174214	0.372329	-2.6858	0.114039	0.308803	-3.23831	0.912062	1.07843	1.07843	2.47552	18.3167	6.57701	1
cg21127068	ZIC4;ZIC4	0.108139	0.635565	0.563096	-1.7759	0.683777	1.63665	1.63665	0.209442	4.91076	4.91076	0.801534	0.738602	-1.35391	0.0243193	0.0395932	-25.2569	0.0916727	0.107089	-9.33805	0.427428	2.6505	2.6505	0.981497	0.972486	-1.02829	0.0264355	0.0421653	-23.7162	2.47551	56.7402	20.3739	1
cg07994622	RASSF2	0.10814	0.0227544	1.34338	1.34338	0.0656885	1.25065	1.25065	0.0506993	1.27264	1.27264	0.497511	0.928131	-1.07743	0.275017	1.13086	1.13086	0.501514	1.07667	1.07667	0.215013	0.868201	-1.15181	0.271322	1.13202	1.13202	0.208803	1.15427	1.15427	2.4755	0.459724	0.165075	1
cg25806743	DYNC2LI1;DYNC2LI1;DYNC2LI1	0.108142	0.841625	0.926712	-1.07908	0.896819	1.0506	1.0506	0.637549	0.834819	-1.19786	0.972172	0.986817	-1.01336	0.00250873	0.202505	-4.93816	0.690553	0.858785	-1.16444	0.676648	0.852519	-1.17299	0.398912	0.719959	-1.38897	0.079989	0.477572	-2.09393	2.47548	5.67454	2.0376	1
cg10106407	PELI3;PELI3	0.108143	0.325045	1.30104	1.30104	0.1617	1.47251	1.47251	0.0498862	1.78451	1.78451	0.91073	1.02947	1.02947	0.976371	0.99236	-1.0077	0.162507	0.679687	-1.47126	0.0614406	0.579477	-1.7257	0.192054	0.699359	-1.42988	0.17061	0.685323	-1.45917	2.47547	2.62902	0.944029	1
cg15215375	CILP2	0.108145	0.0426055	0.184935	-5.40731	0.212283	0.386799	-2.58532	0.148075	0.325698	-3.07033	0.149425	0.327087	-3.05729	0.0683712	0.228718	-4.3722	0.394208	0.532093	-1.87937	0.0136227	0.110086	-9.08383	0.0496213	0.198034	-5.04964	0.104591	0.277329	-3.60582	2.47545	20.4927	7.35856	1
cg10239978	RNGTT	0.108146	0.474975	0.732265	-1.36563	0.133895	0.499886	-2.00046	0.742723	0.868245	-1.15175	0.0889827	0.447282	-2.23573	0.550881	0.771958	-1.29541	0.407678	1.43802	1.43802	0.0298225	2.99374	2.99374	0.13115	0.497042	-2.0119	0.0980907	0.4592	-2.1777	2.47544	7.21258	2.58992	1
cg17971113	CORIN	0.108148	0.232086	2.21882	2.21882	0.39571	1.73866	1.73866	0.330271	0.52789	-1.89433	0.0876633	3.31624	3.31624	0.0865658	0.300035	-3.33294	0.113013	2.99484	2.99484	0.178788	2.48017	2.48017	0.198257	2.3742	2.3742	0.051527	4.09368	4.09368	2.47542	15.8543	5.69307	1
cg14417861	CTNNA1	0.108152	0.987998	1.00233	1.00233	0.272526	1.19368	1.19368	0.100333	1.32189	1.32189	0.287154	0.84255	-1.18687	0.785954	0.958682	-1.0431	0.894026	0.979552	-1.02088	0.017407	0.638381	-1.56646	0.434817	0.883802	-1.13147	0.0740635	1.36149	1.36149	2.47538	0.942062	0.338287	1
cg22228754	LIMK1	0.108153	0.661926	1.07424	1.07424	0.7541	0.950141	-1.05248	0.0450505	0.687755	-1.45401	0.878807	1.02515	1.02515	0.429702	0.877037	-1.1402	0.56122	1.10034	1.10034	0.012694	1.65557	1.65557	0.322111	0.846639	-1.18114	0.219583	1.23382	1.23382	2.47537	1.0386	0.372956	1
cg12552293	C17orf98	0.108155	0.0558816	2.43395	2.43395	0.562718	1.27166	1.27166	0.432421	1.38961	1.38961	0.0327661	2.78923	2.78923	0.863224	0.931638	-1.07338	0.0557839	2.43503	2.43503	0.397176	0.700446	-1.42766	0.03322	2.77943	2.77943	0.171338	1.81867	1.81867	2.47535	6.61181	2.37427	1
cg00565348	NRN1	0.108156	0.174565	0.515106	-1.94135	0.780827	1.1367	1.1367	0.579093	1.29356	1.29356	0.300581	1.63681	1.63681	0.279468	0.596603	-1.67616	0.167705	0.50891	-1.96499	0.152411	0.494526	-2.02214	0.0135943	4.06567	4.06567	0.685281	0.82931	-1.20582	2.47534	8.2727	2.9707	1
cg10730712	COL23A1	0.108159	0.106848	1.2861	1.2861	0.682502	1.06054	1.06054	0.283564	0.852797	-1.17261	0.101818	0.774162	-1.29172	0.392346	0.88228	-1.13343	0.02048	0.670923	-1.49048	0.107815	0.778179	-1.28505	0.625794	0.932169	-1.07277	0.331583	1.15393	1.15393	2.47531	0.800831	0.28758	1
cg15415259	MGC34034;MGC34034	0.108159	0.102845	2.0768	2.0768	0.347766	0.673078	-1.48571	0.283647	0.633714	-1.578	0.0671861	0.431673	-2.31657	0.50684	1.31757	1.31757	0.0885181	0.463237	-2.15872	0.940901	1.03083	1.03083	0.210429	1.71676	1.71676	0.088205	2.16069	2.16069	2.47531	6.57446	2.3609	1
cg26274892	VAPB;VAPB	0.108161	0.368879	1.18432	1.18432	0.373662	0.845863	-1.18222	0.500338	1.1336	1.1336	0.0915212	0.71134	-1.4058	0.0352769	1.56741	1.56741	0.491369	0.87975	-1.13669	0.0516568	0.66632	-1.50078	0.269306	0.809876	-1.23476	0.262531	0.807238	-1.23879	2.47529	1.31723	0.473025	1
cg00328729	PRDM11	0.108162	0.690834	1.20746	1.20746	0.00695764	5.18896	5.18896	0.107873	2.2872	2.2872	0.407773	1.49079	1.49079	0.191568	0.52101	-1.91935	0.719712	0.843728	-1.18522	0.335716	0.626181	-1.59698	0.821915	0.899145	-1.11217	0.426429	1.46661	1.46661	2.47528	8.7178	3.13062	1
cg17783213	COL22A1	0.108167	0.995685	1.00183	1.00183	0.721048	1.12898	1.12898	0.421718	1.32011	1.32011	0.658167	1.16261	1.16261	0.43157	0.762144	-1.31209	0.14643	1.69465	1.69465	0.0454185	2.1738	2.1738	0.0154679	0.365983	-2.73237	0.4095	0.751698	-1.33032	2.47523	4.48853	1.61189	1
cg07265549	KIAA0556	0.108167	0.0636685	0.440362	-2.27086	0.0285194	0.361803	-2.76393	0.0388114	0.39019	-2.56285	0.22595	0.606412	-1.64904	0.031574	0.370959	-2.69572	0.072166	0.454089	-2.20221	0.0910758	0.480868	-2.07957	0.620701	0.821823	-1.21681	0.363932	0.692794	-1.44343	2.47523	6.06644	2.17854	1
cg09490873	FNDC3B;FNDC3B	0.108167	0.48123	1.18169	1.18169	0.228788	1.34249	1.34249	0.0496341	1.68583	1.68583	0.360792	0.803262	-1.24492	0.601145	0.884267	-1.13088	0.011972	0.481379	-2.07737	0.682092	0.908428	-1.1008	0.663292	1.10755	1.10755	0.551764	1.15073	1.15073	2.47522	2.13172	0.765532	1
cg18394281	KLHL32	0.108169	0.114309	0.675534	-1.48031	0.0399025	0.581346	-1.72014	0.486572	1.1752	1.1752	0.894428	0.970135	-1.03078	0.489849	1.17374	1.17374	0.176274	1.38864	1.38864	0.421494	1.20626	1.20626	0.058704	0.614067	-1.62849	0.180516	1.38367	1.38367	2.4752	2.04442	0.734188	1
cg23432898	DYX1C1;DYX1C1;DYX1C1	0.10817	0.0690899	0.699878	-1.42882	0.0690707	1.42886	1.42886	0.797041	1.04625	1.04625	0.132419	0.752118	-1.32958	0.392659	0.857587	-1.16606	0.286624	0.823553	-1.21425	0.0862768	1.39444	1.39444	0.179667	1.28406	1.28406	0.614042	0.914649	-1.09332	2.4752	1.2066	0.433313	1
cg26011809	C12orf23	0.108172	0.0332649	0.528083	-1.89364	0.232333	0.725138	-1.37905	0.089864	0.618947	-1.61565	0.118424	0.647288	-1.54491	0.119875	0.648579	-1.54183	0.642442	0.886943	-1.12747	0.0485516	0.560913	-1.78281	0.0145792	0.462113	-2.16397	0.189086	0.699778	-1.42902	2.47518	2.58105	0.92691	1
cg02930667	CYP27A1	0.108172	0.0407695	0.137541	-7.27057	0.126001	0.248927	-4.01724	0.0712524	0.184083	-5.43234	0.12849	0.25156	-3.97519	0.020187	0.0950701	-10.5186	0.927777	0.926676	-1.07913	0.0580227	0.165342	-6.04808	0.725132	0.7434	-1.34517	0.0848035	0.201702	-4.95781	2.47518	27.6581	9.93263	1
cg07554986	FOXK1	0.108173	0.857642	0.952217	-1.05018	0.0837907	0.593454	-1.68505	0.400824	1.26428	1.26428	0.771002	1.08284	1.08284	0.0140138	0.437238	-2.28709	0.13431	1.55314	1.55314	0.360502	1.2922	1.2922	0.271066	1.36678	1.36678	0.558477	0.850991	-1.1751	2.47517	2.91497	1.04683	1
cg15480475	TUB	0.108174	0.285294	0.697581	-1.43352	0.093926	0.550086	-1.8179	0.136675	1.68252	1.68252	0.141216	1.67106	1.67106	0.237764	0.669437	-1.49379	0.113612	0.571985	-1.7483	0.230246	0.664679	-1.50449	0.125411	0.583797	-1.71292	0.255404	1.47005	1.47005	2.47516	4.12796	1.48245	1
cg08918576	OR6K3	0.108176	0.046371	0.204605	-4.88747	0.0158638	0.128174	-7.8019	0.0359195	0.183226	-5.45773	0.635211	0.717266	-1.39418	0.0519099	0.214819	-4.65508	0.111676	0.299796	-3.3356	0.189998	0.380911	-2.62528	0.307197	0.479492	-2.08554	0.709901	0.771188	-1.2967	2.47514	18.9538	6.80682	1
cg11334771	PHOX2A	0.108178	0.842114	1.04595	1.04595	0.564705	0.877084	-1.14014	0.0469994	1.66893	1.66893	0.798766	1.05924	1.05924	0.0224089	0.539939	-1.85206	0.31792	0.792495	-1.26184	0.0679736	0.630954	-1.5849	0.630247	1.11547	1.11547	0.274293	0.773932	-1.2921	2.47512	1.98956	0.714511	1
cg00267274	RNF216;RNF216	0.10818	0.241048	0.641896	-1.55788	0.306092	0.681969	-1.46634	0.0258927	0.384661	-2.59969	0.438574	0.751717	-1.33029	0.00607372	0.274128	-3.64793	0.444363	0.75453	-1.32533	0.524772	0.792302	-1.26215	0.471123	1.30318	1.30318	0.405087	0.73513	-1.3603	2.4751	5.1149	1.83693	1
cg26876974	MSC	0.10818	0.0611652	8.00417	8.00417	0.100402	5.89625	5.89625	0.192484	3.89571	3.89571	0.246659	3.30122	3.30122	0.0215225	15.2098	15.2098	0.854534	1.19833	1.19833	0.139591	4.79337	4.79337	0.0198614	15.9893	15.9893	0.0967932	6.03197	6.03197	2.4751	38.0972	13.682	1
cg23944572	LARP1	0.108181	0.205235	0.614492	-1.62736	0.45959	1.31566	1.31566	0.504604	0.781374	-1.2798	0.24612	0.642788	-1.55572	0.0045839	0.252817	-3.95543	0.068445	0.47558	-2.1027	0.184836	0.599055	-1.6693	0.678386	0.859049	-1.16408	0.616494	0.831955	-1.20199	2.47509	5.20376	1.86885	1
cg24655012	CDK16;CDK16;CDK16	0.108182	0.314728	0.793885	-1.25963	0.0184371	1.8865	1.8865	0.163549	1.39114	1.39114	0.771912	1.06666	1.06666	0.278928	0.77885	-1.28394	0.121292	1.45203	1.45203	0.400739	0.826161	-1.21042	0.685931	1.09446	1.09446	0.138993	0.702177	-1.42414	2.47508	1.93225	0.693941	1
cg03070588	USP30	0.108183	0.793055	0.967621	-1.03346	0.308439	1.14108	1.14108	0.020675	1.41741	1.41741	0.45278	0.908688	-1.10049	0.29809	0.873687	-1.14457	0.943579	0.991178	-1.0089	0.526877	1.08358	1.08358	0.633237	1.06203	1.06203	0.0133461	1.46775	1.46775	2.47507	0.614365	0.220641	1
cg09000112	EFNA5	0.108184	0.965945	1.01008	1.01008	0.942276	0.983134	-1.01716	0.267622	1.31161	1.31161	0.715248	1.08988	1.08988	0.874928	0.963675	-1.03769	0.671046	0.90452	-1.10556	0.0034694	0.393788	-2.53944	0.189127	0.721249	-1.38648	0.295064	0.774859	-1.29056	2.47506	2.1629	0.776779	1
cg08382124	ZNF623;ZNF623	0.108186	0.667276	1.11787	1.11787	0.683965	1.1112	1.1112	0.524409	0.846879	-1.18081	0.376718	0.791601	-1.26326	0.096599	0.625024	-1.59994	0.0226439	0.495049	-2.02	0.0346088	1.88651	1.88651	0.549408	1.16889	1.16889	0.488975	0.834354	-1.19853	2.47504	2.60184	0.934428	1
cg25110043	ZC3H10	0.108186	0.0623047	1.37232	1.37232	0.0493537	1.40262	1.40262	0.893803	1.02035	1.02035	0.7314	0.949354	-1.05335	0.416568	1.13341	1.13341	0.793959	1.04027	1.04027	0.0258718	0.670981	-1.49035	0.227502	1.21056	1.21056	0.277586	1.18568	1.18568	2.47503	0.89181	0.320287	1
cg21806985	MCC	0.108187	0.253303	0.455631	-2.19476	0.915296	1.07261	1.07261	0.6499	1.35131	1.35131	0.596653	0.703357	-1.42175	0.088678	0.290162	-3.44635	0.143692	0.355187	-2.81542	0.014309	0.136692	-7.31573	0.018339	0.151706	-6.59172	0.38174	0.553738	-1.80591	2.47503	17.0161	6.11121	1
cg19414780	ABCB8	0.108188	0.350289	0.744861	-1.34253	0.514674	1.22438	1.22438	0.143903	0.618129	-1.61778	0.667827	1.14142	1.14142	0.0244898	0.439968	-2.27289	0.0939452	0.568776	-1.75816	0.0576375	1.93042	1.93042	0.385657	0.761482	-1.31323	0.904134	1.03761	1.03761	2.47502	3.67964	1.32152	1
cg05691871	PDE4D;PDE4D;PDE4D	0.108188	0.110997	0.45905	-2.17841	0.0177078	0.274325	-3.64532	0.182946	0.530632	-1.88455	0.382083	1.49477	1.49477	0.0358899	0.334668	-2.98804	0.980685	0.989203	-1.01091	0.529932	0.751768	-1.3302	0.277278	1.65977	1.65977	0.809748	0.897489	-1.11422	2.47502	7.88201	2.83078	1
cg13628185	HNRNPM;HNRNPM;HNRNPM;HNRNPM	0.108192	0.639608	1.5454	1.5454	0.0248866	12.5603	12.5603	0.0371768	9.8122	9.8122	0.977391	1.02647	1.02647	0.852206	1.18765	1.18765	0.710964	1.40973	1.40973	?	?	?	?	?	?	0.122289	0.209432	-4.77481	2.68212	27.4924	10.2502	1
cg25353450	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA10;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGB4;PCDHG	0.108192	0.169409	4.17798	4.17798	0.0113063	22.1659	22.1659	0.224634	3.47595	3.47595	0.418068	2.24402	2.24402	0.30063	2.8509	2.8509	0.0525748	8.60791	8.60791	0.598923	1.67934	1.67934	0.0201893	15.43	15.43	0.133197	4.86611	4.86611	2.47498	37.3978	13.4315	1
cg15862809	TBL1X;TBL1X;TBL1X;TBL1X	0.108194	0.518688	0.744426	-1.34332	0.0214803	0.287628	-3.47672	0.0110381	0.237388	-4.21251	0.342999	0.643588	-1.55379	0.114713	0.461243	-2.16805	0.828889	0.906977	-1.10256	0.567369	1.29795	1.29795	0.541929	1.32116	1.32116	0.738646	0.859803	-1.16306	2.47496	7.97667	2.86485	1
cg16753939	MUPCDH;MUPCDH	0.108195	0.189579	0.50328	-1.98697	0.0273852	0.275389	-3.63123	0.355441	0.625185	-1.59953	0.242342	1.83056	1.83056	0.0152625	0.22945	-4.35825	0.681976	0.8158	-1.22579	0.0839169	0.388657	-2.57296	0.7709	0.865645	-1.15521	0.510033	0.718779	-1.39125	2.47495	9.5706	3.43733	1
cg07560510	CA3	0.108195	0.222261	0.344704	-2.90104	0.922962	0.922827	-1.08363	0.419479	0.504133	-1.9836	0.0472068	0.15176	-6.58937	0.658249	1.44719	1.44719	0.399332	2.04709	2.04709	0.229137	2.85154	2.85154	0.309383	0.417499	-2.39521	0.021049	10.0162	10.0162	2.47494	27.0241	9.70586	1
cg21900799	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.108201	0.496776	0.806775	-1.2395	0.777648	0.91567	-1.0921	0.744626	1.10706	1.10706	0.890513	1.04379	1.04379	0.0331244	0.460626	-2.17096	0.65187	0.868201	-1.15181	0.0796677	1.83179	1.83179	0.031183	0.45526	-2.19655	0.0896703	0.558653	-1.79002	2.47489	3.79572	1.36328	1
cg22691634	PTCHD1	0.108202	0.564773	1.2768	1.2768	0.00294655	5.55113	5.55113	0.0390484	2.72585	2.72585	0.757577	1.13881	1.13881	0.619733	1.23369	1.23369	0.766626	1.13309	1.13309	0.807108	1.10815	1.10815	0.614219	1.23785	1.23785	0.472625	1.35891	1.35891	2.47488	6.90827	2.48121	1
cg03291996	KCNMB2;KCNMB2	0.108202	0.38831	0.781188	-1.2801	0.10869	0.613449	-1.63013	0.222231	0.698879	-1.43086	0.365859	1.29625	1.29625	0.0119136	0.41623	-2.40252	0.129369	1.58037	1.58037	0.620033	0.869715	-1.1498	0.696951	1.1155	1.1155	0.257322	0.718805	-1.3912	2.47487	3.05745	1.09813	1
cg10935804	RNF150	0.108203	0.096945	0.402656	-2.48351	0.774723	0.866516	-1.15405	0.0194501	4.09802	4.09802	0.801543	1.134	1.134	0.744156	1.17763	1.17763	0.747299	0.85094	-1.17517	0.0502908	0.32819	-3.04701	0.937875	1.03969	1.03969	0.133133	0.445312	-2.24562	2.47487	9.77155	3.5096	1
cg27300887	ZNF831	0.108203	0.809355	1.04545	1.04545	0.0864539	0.705879	-1.41667	0.0511525	0.664678	-1.50449	0.414261	1.16589	1.16589	0.919176	1.01884	1.01884	0.534795	0.890825	-1.12256	0.0413207	1.54161	1.54161	0.41801	0.858812	-1.1644	0.0786658	0.698247	-1.43216	2.47487	1.32576	0.476167	1
cg14555736	TMEM132C	0.108205	0.594572	1.15236	1.15236	0.285928	1.33985	1.33985	0.658424	0.889184	-1.12463	0.147803	0.663703	-1.5067	0.827594	1.05927	1.05927	0.603846	1.14819	1.14819	0.724938	1.09775	1.09775	0.220798	1.40467	1.40467	0.00620338	0.389833	-2.5652	2.47484	2.73153	0.981081	1
cg08894891	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.108209	0.032579	0.204226	-4.89653	0.543678	0.676822	-1.47749	0.575643	0.698267	-1.43212	0.576694	0.698971	-1.43067	0.020383	0.169441	-5.90178	0.0583176	0.256989	-3.89122	0.0761351	0.285568	-3.50179	0.0352176	0.210615	-4.74799	0.686763	0.773021	-1.29363	2.47481	15.808	5.67784	1
cg07761290	TMEM146;LONP1	0.108209	0.54347	0.888893	-1.125	0.831177	0.959937	-1.04174	0.69539	1.07828	1.07828	0.341193	1.20664	1.20664	0.0427928	1.56293	1.56293	0.514581	1.13493	1.13493	0.642311	1.09372	1.09372	0.0146718	0.562487	-1.77782	0.165758	0.753455	-1.32722	2.47481	1.43764	0.516363	1
cg10636054	SRP14	0.108209	0.0820537	0.639587	-1.56351	0.0516314	0.598184	-1.67173	0.0249979	0.538664	-1.85644	0.923362	0.977926	-1.02257	0.105715	0.663682	-1.50675	0.728248	0.922271	-1.08428	0.0193781	0.518989	-1.92682	0.716095	0.918763	-1.08842	0.175251	0.715765	-1.39711	2.47481	2.10921	0.757577	1
cg14322403	PLAG1;CHCHD7;CHCHD7;CHCHD7;PLAG1;CHCHD7;PLAG1;CHCHD7;CHCHD7	0.10821	0.128104	1.52022	1.52022	0.426898	1.22945	1.22945	0.175077	1.44373	1.44373	0.0520561	1.75549	1.75549	0.479371	1.20093	1.20093	0.347805	0.78181	-1.27908	0.0248488	0.506595	-1.97396	0.714049	0.910547	-1.09824	0.501043	1.18994	1.18994	2.4748	2.54133	0.912787	1
cg11786946	MACF1;MACF1	0.10821	0.249567	0.788292	-1.26857	0.456706	0.860842	-1.16165	0.135714	0.727706	-1.37418	0.311053	1.23022	1.23022	0.302786	0.80976	-1.23493	0.0229613	0.584052	-1.71218	0.0338178	0.612698	-1.63213	0.222436	1.28849	1.28849	0.439579	0.855703	-1.16863	2.47479	1.53173	0.550163	1
cg06785213	HAS1	0.108215	0.141703	0.634867	-1.57513	0.605242	0.860769	-1.16175	0.208709	0.683133	-1.46384	0.590735	0.85547	-1.16895	0.0107548	0.397919	-2.51308	0.222478	0.691668	-1.44578	0.00990713	0.391842	-2.55205	0.393393	0.777717	-1.28581	0.595192	0.857102	-1.16672	2.47475	3.24068	1.164	1
cg19377754	FOXP1;FOXP1	0.108217	0.958995	0.984903	-1.01533	0.535439	1.20403	1.20403	0.0598775	1.87411	1.87411	0.0096699	0.379586	-2.63445	0.268838	0.711259	-1.40596	0.227054	0.687144	-1.4553	0.270804	0.712334	-1.40384	0.679542	0.884356	-1.13077	0.725001	0.900779	-1.11015	2.47473	3.43075	1.23228	1
cg15658484	RAB1B	0.108217	0.646047	1.24909	1.24909	0.848263	0.911986	-1.09651	0.858769	1.08944	1.08944	0.564383	1.32345	1.32345	?	?	?	0.0935697	0.411883	-2.42787	0.00470989	0.164263	-6.08781	0.942995	1.03499	1.03499	0.61955	0.786056	-1.27217	2.50058	8.14364	3.2567	1
cg04907151	PPP2R3A	0.108218	0.0334436	1.82921	1.82921	0.345501	0.789702	-1.2663	0.563787	1.15236	1.15236	0.0341146	1.82372	1.82372	0.780856	0.934472	-1.07012	0.386173	0.805833	-1.24095	0.56012	0.8666	-1.15393	0.31037	0.774853	-1.29057	0.0825994	1.59549	1.59549	2.47472	2.31454	0.831355	1
cg24317979	LOC285074	0.108221	0.00308869	0.371978	-2.68833	0.334724	0.784303	-1.27502	0.909199	0.972522	-1.02825	0.0724496	0.612923	-1.63153	0.40425	0.811862	-1.23174	0.305936	0.771918	-1.29547	0.170475	0.700129	-1.42831	0.292968	0.766106	-1.3053	0.816132	0.944704	-1.05853	2.47469	2.33761	0.839652	1
cg00103132	TESK2	0.108221	0.560719	0.857722	-1.16588	0.345134	0.77594	-1.28876	0.0164334	0.465365	-2.14885	0.443803	0.815716	-1.22592	0.0728272	1.68556	1.68556	0.0369343	0.531419	-1.88175	0.799505	0.935757	-1.06865	0.978796	1.00696	1.00696	0.730697	1.09433	1.09433	2.47469	2.66774	0.958231	1
cg04741318	RADIL	0.108227	0.00912192	0.480436	-2.08144	0.860224	0.963162	-1.03825	0.0806409	1.52083	1.52083	0.557981	0.881293	-1.1347	0.710708	0.923689	-1.08262	0.750529	1.07031	1.07031	0.116274	1.44504	1.44504	0.62796	0.901138	-1.10971	0.866373	1.03651	1.03651	2.62655	1.84615	0.546685	1
cg12329853	MIR604;SVIL;SVIL	0.10823	0.254104	0.62486	-1.60036	0.156868	0.549987	-1.81823	0.0584034	0.429805	-2.32664	0.0812847	0.466235	-2.14484	0.0175629	0.319499	-3.1299	0.0208543	0.333516	-2.99835	0.517892	0.771945	-1.29543	0.857973	1.07329	1.07329	0.652891	0.836307	-1.19573	2.4746	6.11041	2.19489	1
cg03607951	IFI44L	0.10823	0.00184409	0.0143892	-69.4968	0.238012	0.305601	-3.27224	0.58653	0.590542	-1.69336	0.858809	0.843004	-1.18623	0.468254	0.492712	-2.02958	0.600143	0.602116	-1.66081	0.346086	0.394297	-2.53616	0.574582	0.580447	-1.72281	0.98574	1.01729	1.01729	2.4746	36.0533	12.9506	1
cg04117590	NMNAT3	0.108231	0.106986	0.33032	-3.02737	0.962969	1.02966	1.02966	0.357885	0.551463	-1.81336	0.807147	0.85731	-1.16644	0.00381682	0.0858193	-11.6524	0.740193	1.23304	1.23304	0.594113	0.712781	-1.40296	0.43502	1.651	1.651	0.221683	0.44549	-2.24472	2.47459	15.5304	5.57863	1
cg14775474	RANGRF;SLC25A35;RANGRF	0.108233	0.838689	1.02865	1.02865	0.404586	1.12547	1.12547	0.107658	0.784007	-1.2755	0.140097	0.802506	-1.2461	0.589277	1.07847	1.07847	0.452845	0.89943	-1.11182	0.00683195	0.615314	-1.62519	0.421299	1.1206	1.1206	0.869156	1.02311	1.02311	2.47456	0.752861	0.270436	1
cg01197864	KIAA0802	0.108235	0.941437	0.956056	-1.04596	0.0415515	4.20963	4.20963	0.021188	5.44573	5.44573	0.994693	0.995941	-1.00408	0.071674	0.292262	-3.42159	0.658209	0.761614	-1.313	0.769233	0.835321	-1.19714	0.686307	0.780095	-1.2819	0.297725	0.516712	-1.93532	2.47455	14.662	5.26677	1
cg00379467	EDNRA;EDNRA;EDNRA	0.108236	0.339269	0.796614	-1.25531	0.0825813	1.5587	1.5587	0.821538	0.94918	-1.05354	0.967168	1.00955	1.00955	0.0108791	0.478015	-2.09198	0.21134	1.35526	1.35526	0.228979	1.33836	1.33836	0.444279	1.19727	1.19727	0.980094	1.00578	1.00578	2.47453	2.08869	0.750287	1
cg04651658	AFF4	0.108236	0.935609	1.02446	1.02446	0.392402	1.29956	1.29956	0.00818782	0.363549	-2.75066	0.176925	1.53606	1.53606	0.96472	1.01332	1.01332	0.223034	0.681884	-1.46652	0.689154	1.12777	1.12777	0.783793	0.921041	-1.08573	0.129656	1.63169	1.63169	2.47453	3.50494	1.25903	1
cg25280433	BVES;BVES;BVES	0.108238	0.752026	0.932723	-1.07213	0.0172846	1.89107	1.89107	0.739312	0.929252	-1.07613	0.56758	0.880781	-1.13536	0.0610038	0.628807	-1.59031	0.0605708	0.628195	-1.59186	0.429921	0.837755	-1.19367	0.684375	1.09395	1.09395	0.523362	1.1527	1.1527	2.47451	1.89195	0.679623	1
cg13151517	PLSCR3	0.10824	0.0425054	0.554999	-1.80181	0.159405	1.46085	1.46085	0.356378	1.27012	1.27012	0.030306	1.90001	1.90001	0.789987	0.934931	-1.0696	0.182328	1.4287	1.4287	0.331606	1.28722	1.28722	0.148799	1.47743	1.47743	0.659132	0.894139	-1.11839	2.47449	2.48995	0.894441	1
cg23649190	ZBED4	0.108242	0.131101	0.171826	-5.81983	0.93528	0.91599	-1.09171	0.260751	3.55133	3.55133	0.814258	1.28953	1.28953	0.0553931	0.095736	-10.4454	0.225127	0.252456	-3.96109	0.022004	0.0513991	-19.4556	0.73406	1.44547	1.44547	0.0589611	0.0998332	-10.0167	2.47448	45.7502	16.4345	1
cg05691806	RPS6KA2;RPS6KA2	0.108242	0.196097	0.386518	-2.5872	0.00512059	0.0764041	-13.0883	0.0674183	0.240508	-4.15786	0.782056	1.21269	1.21269	0.280762	0.458593	-2.18058	0.14063	0.332161	-3.01059	0.411373	0.557608	-1.79337	0.215481	0.403914	-2.47577	0.78744	1.20675	1.20675	2.47447	18.9498	6.80721	1
cg25179170	FAM69A	0.108242	0.150556	0.722227	-1.38461	0.00683857	2.0956	2.0956	0.173064	1.35824	1.35824	0.517202	1.14876	1.14876	0.554947	1.13441	1.13441	0.750026	1.06984	1.06984	0.580127	0.888688	-1.12525	0.162004	1.37072	1.37072	0.245127	1.29273	1.29273	2.47447	1.74799	0.627919	1
cg06310294	NDEL1;NDEL1	0.108245	0.373597	0.835355	-1.1971	0.406847	1.1819	1.1819	0.168235	1.33539	1.33539	0.345525	1.21089	1.21089	0.228553	0.779651	-1.28262	0.321134	0.81718	-1.22372	0.0134666	1.82683	1.82683	0.154946	0.740959	-1.3496	0.865152	1.03404	1.03404	2.47445	1.52035	0.546151	1
cg14201424	MGC45800	0.108247	0.143916	8.23744	8.23744	0.348477	3.65602	3.65602	0.989766	0.982921	-1.01738	0.349166	3.64885	3.64885	0.0966285	11.585	11.585	0.163902	7.35309	7.35309	0.00679985	111.058	111.058	0.0481395	20.769	20.769	0.119749	9.65191	9.65191	2.47442	70.6908	25.3943	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04284140	POLD2;POLD2	0.108248	0.0776429	4.969	4.969	0.0678386	5.32312	5.32312	0.284926	2.47931	2.47931	0.167211	3.33225	3.33225	0.235998	2.75979	2.75979	0.051596	6.11747	6.11747	0.0225252	9.3337	9.3337	0.0216326	9.53002	9.53002	0.252254	2.65821	2.65821	2.47442	26.1885	9.40773	1
cg18975124	LOC284023	0.10825	0.61408	1.15748	1.15748	0.0767937	0.567765	-1.76129	0.0350462	0.493443	-2.02658	0.35905	1.31159	1.31159	0.449637	1.24804	1.24804	0.84278	1.05878	1.05878	0.0296901	0.478984	-2.08775	0.141652	0.634754	-1.57541	0.360834	0.763242	-1.3102	2.4744	3.24182	1.16457	1
cg02820283	ABCA2;ABCA2	0.108252	0.88286	0.933453	-1.07129	0.0731296	2.54336	2.54336	0.202807	0.533667	-1.87383	0.722551	1.18118	1.18118	0.0221802	0.277828	-3.59935	0.0427991	0.33654	-2.97141	0.89469	0.940016	-1.06381	0.760803	1.15328	1.15328	0.273136	0.587019	-1.70352	2.47438	8.54926	3.07121	1
cg02614932	DIP2C	0.108255	0.811552	1.02321	1.02321	0.900147	0.988015	-1.01213	0.112608	0.847128	-1.18046	0.0625013	1.22308	1.22308	0.111013	0.846391	-1.18149	0.617295	0.952762	-1.04958	0.0443016	1.24845	1.24845	0.638589	0.955577	-1.04649	0.129502	0.854416	-1.17039	2.47435	0.361572	0.129892	1
cg24227837	SHISA2	0.108256	0.984538	0.984731	-1.01551	0.161158	3.28149	3.28149	0.698054	1.36281	1.36281	0.834277	1.18099	1.18099	0.0129982	0.0865255	-11.5573	0.103813	0.24357	-4.10559	0.141701	0.285181	-3.50654	0.264306	0.396982	-2.519	0.125664	0.268229	-3.72815	2.47433	24.7075	8.87601	1
cg11852358	MAGEA10;MAGEA10	0.108263	0.00588244	0.232978	-4.29226	0.125339	0.511447	-1.95524	0.156238	0.541693	-1.84606	0.176259	0.559268	-1.78805	0.261176	0.622735	-1.60582	0.757015	1.13365	1.13365	0.58859	1.24698	1.24698	0.126301	0.512459	-1.95138	0.258346	0.62083	-1.61075	2.47426	6.40188	2.2999	1
cg06024079	FTSJ3;PSMC5	0.108264	0.083462	0.477845	-2.09273	0.484828	1.31469	1.31469	0.445186	0.740842	-1.34982	0.706253	0.864214	-1.15712	0.12942	0.531805	-1.88039	0.34726	0.688649	-1.45212	0.00796437	0.269513	-3.7104	0.0614336	0.443906	-2.25273	0.161626	0.562101	-1.77904	2.47425	5.8213	2.09134	1
cg23104549	AGK	0.108265	0.184556	1.51521	1.51521	0.0176177	0.426283	-2.34586	0.0635664	0.540152	-1.85133	0.669786	0.881031	-1.13503	0.934851	0.976149	-1.02443	0.432735	0.789468	-1.26668	0.0985023	1.70743	1.70743	0.70567	0.894014	-1.11855	0.333559	0.744902	-1.34246	2.47425	3.41646	1.22738	1
cg02006904	MIR492	0.108268	0.314004	1.16035	1.16035	0.674651	0.941483	-1.06215	0.888191	1.0203	1.0203	0.40876	0.886323	-1.12826	0.268648	0.848274	-1.17886	0.0678113	1.33933	1.33933	0.00825946	1.62	1.62	0.791974	1.03848	1.03848	0.218823	1.20288	1.20288	2.47421	0.799359	0.287179	1
cg26407544	CDA	0.108269	0.356971	0.704273	-1.4199	0.291504	0.666949	-1.49936	0.00781811	0.28269	-3.53744	0.104413	0.518469	-1.92875	0.0238394	0.368637	-2.7127	0.381199	0.717218	-1.39428	0.201712	0.607204	-1.64689	0.0833394	0.491957	-2.0327	0.324566	0.68628	-1.45713	2.47421	5.36624	1.92789	1
cg05452406	GCM2	0.108269	0.0521146	16.1609	16.1609	0.0221501	31.647	31.647	0.120529	8.33797	8.33797	0.49252	2.40579	2.40579	0.547578	2.15217	2.15217	0.411546	2.87924	2.87924	0.0218878	31.9476	31.9476	0.0361421	21.5194	21.5194	0.409074	2.89615	2.89615	2.4742	62.1587	22.3313	1
cg20129827	KIAA1210	0.108272	0.0726854	2.90715	2.90715	0.14118	2.32418	2.32418	0.171567	2.17216	2.17216	0.998669	0.999112	-1.00089	0.381959	0.620098	-1.61265	0.106503	2.55828	2.55828	0.0142829	5.00456	5.00456	0.0953515	2.65528	2.65528	0.177469	2.14652	2.14652	2.47417	11.13	3.99865	1
cg16882226	CHST10	0.108272	0.300613	0.755967	-1.32281	0.890184	0.964795	-1.03649	0.215059	1.40666	1.40666	0.959413	0.986885	-1.01329	0.027909	1.99776	1.99776	0.0232006	2.06325	2.06325	0.28568	0.748775	-1.33551	0.635856	1.13187	1.13187	0.127945	1.5405	1.5405	2.62603	2.73975	0.811459	1
cg10812236	PLEK;PLEK	0.108272	0.903457	0.965767	-1.03545	0.380589	1.29456	1.29456	0.24053	0.702771	-1.42294	0.0833321	0.576795	-1.73372	0.335988	0.752179	-1.32947	0.208517	1.46315	1.46315	0.0382358	1.99254	1.99254	0.129576	1.60013	1.60013	0.221016	0.691216	-1.44673	2.47417	3.22885	1.16002	1
cg15877399	MED13L	0.108275	0.094133	0.330029	-3.03004	0.729548	0.811354	-1.23251	0.452729	1.58528	1.58528	0.30677	0.528709	-1.8914	0.03856	0.236107	-4.23537	0.331438	0.54685	-1.82866	0.00960545	0.138794	-7.20492	0.137696	0.381792	-2.61923	0.230592	0.468815	-2.13304	2.47414	14.2169	5.10771	1
cg16574333	TBCD	0.108276	0.949802	0.979188	-1.02125	0.801239	1.08792	1.08792	0.0189586	0.387082	-2.58344	0.681012	0.871028	-1.14807	0.0293891	0.424403	-2.35625	0.086717	0.531508	-1.88144	0.596647	1.19533	1.19533	0.885955	0.95319	-1.04911	0.0517543	0.477358	-2.09486	2.47414	4.37282	1.57103	1
cg05365901	PAX8;PAX8;LOC654433;PAX8;PAX8;PAX8;LOC440839	0.108278	0.308687	0.887736	-1.12646	0.122856	1.20797	1.20797	0.078914	1.24672	1.24672	0.290228	1.13208	1.13208	0.191191	0.855205	-1.16931	0.586265	1.06408	1.06408	0.0537732	1.28083	1.28083	0.203293	0.859178	-1.1639	0.130877	1.20246	1.20246	2.47411	0.500555	0.179837	1
cg11231977	CFDP1	0.108279	0.0140142	0.70854	-1.41135	0.68117	1.04804	1.04804	0.576337	1.06621	1.06621	0.937354	1.00897	1.00897	0.2336	1.15238	1.15238	0.0701939	0.794625	-1.25845	0.491021	0.923629	-1.08269	0.0772724	0.800055	-1.24991	0.227578	0.866014	-1.15472	2.47411	0.505418	0.181585	1
cg02941903	HDAC11;HDAC11	0.108282	0.784183	1.05583	1.05583	0.107167	0.706081	-1.41627	0.117169	1.40048	1.40048	0.529827	1.13423	1.13423	0.125993	0.720622	-1.38769	0.293619	1.2406	1.2406	0.114802	1.40408	1.40408	0.0915434	1.44441	1.44441	0.0749515	1.48065	1.48065	2.47408	1.53463	0.551363	1
cg01119680	PMM1	0.108282	0.0912349	0.614004	-1.62865	0.0386131	1.87416	1.87416	0.0133021	2.23511	2.23511	0.686655	1.1122	1.1122	0.417442	1.2427	1.2427	0.4631	1.21634	1.21634	0.635316	0.882255	-1.13346	0.445919	1.22598	1.22598	0.822924	1.06053	1.06053	2.47407	2.6942	0.967976	1
cg25980418	YTHDC2	0.108287	0.296069	0.867728	-1.15243	0.477393	1.09922	1.09922	0.367085	1.129	1.129	0.0561458	1.32743	1.32743	0.193995	1.19715	1.19715	0.135429	0.809997	-1.23457	0.0481916	1.34402	1.34402	0.277772	1.15928	1.15928	0.195643	0.835932	-1.19627	2.47403	0.67187	0.241395	1
cg03925809	GTF2F1	0.108287	0.00977835	0.58198	-1.71827	0.784743	1.04641	1.04641	0.265323	0.825016	-1.2121	0.876071	1.0262	1.0262	0.188057	1.26003	1.26003	0.223855	1.23583	1.23583	0.475161	0.886626	-1.12787	0.875187	1.02639	1.02639	0.0958247	0.738519	-1.35406	2.47402	1.07586	0.386545	1
cg06759255	TMEM88	0.108288	0.165554	0.694066	-1.44079	0.212755	1.38271	1.38271	0.327804	1.28328	1.28328	0.180545	1.42064	1.42064	0.618251	0.883332	-1.13208	0.285047	1.31547	1.31547	0.603713	1.13804	1.13804	0.0133305	0.469048	-2.13198	0.383652	1.24681	1.24681	2.47402	2.38909	0.858375	1
cg04832619	EVL	0.108288	0.56937	1.39145	1.39145	0.0038375	0.106595	-9.38131	0.861718	0.904694	-1.10535	0.666383	1.28296	1.28296	0.940441	0.957982	-1.04386	?	?	?	0.594202	0.734247	-1.36194	0.39689	1.64603	1.64603	0.338863	0.5676	-1.7618	2.49985	11.6143	4.64602	1
cg09182455	CORO1C	0.108291	0.0243316	0.204755	-4.88388	0.106949	0.35348	-2.82901	0.0366731	0.23823	-4.19763	0.411916	0.60911	-1.64174	0.0969286	0.340735	-2.93483	0.17763	2.33164	2.33164	0.97097	0.978726	-1.02174	0.995227	0.996472	-1.00354	0.261105	0.500298	-1.99881	2.47398	13.6816	4.91571	1
cg25964067	CLRN2	0.108291	0.929722	1.02655	1.02655	0.400126	1.29161	1.29161	0.00449409	0.324554	-3.08115	0.792653	0.924717	-1.08141	0.395107	0.772013	-1.29532	0.418283	1.27855	1.27855	0.18711	1.51499	1.51499	0.889499	1.04217	1.04217	0.466548	0.802418	-1.24623	2.47398	3.4584	1.24258	1
cg00280814	ZDHHC8P	0.108295	0.444431	1.09292	1.09292	0.307438	0.886562	-1.12795	0.650281	1.05339	1.05339	0.698645	0.956632	-1.04533	0.815292	0.973684	-1.02703	0.101198	1.22697	1.22697	0.0110161	1.43828	1.43828	0.093675	1.2338	1.2338	0.0811168	1.24656	1.24656	2.47395	0.508888	0.182843	1
cg23819331	BCLAF1;BCLAF1;BCLAF1	0.108295	0.146485	0.681796	-1.46671	0.533132	0.856309	-1.1678	0.0281017	1.89152	1.89152	0.0515807	0.580124	-1.72377	0.294586	1.30622	1.30622	0.153564	1.45572	1.45572	0.969157	1.00955	1.00955	0.397382	1.23733	1.23733	0.534645	1.16712	1.16712	2.47394	2.36626	0.850199	1
cg19284211	INSM1	0.108297	0.0552497	0.443839	-2.25307	0.320664	0.681431	-1.4675	0.250774	0.63854	-1.56607	0.425012	0.73747	-1.35599	0.22395	0.620295	-1.61214	0.613603	0.82669	-1.20964	0.0212447	0.355174	-2.81552	0.0361453	0.402192	-2.48638	0.019292	0.34718	-2.88035	2.47393	5.47473	1.96709	1
cg22516213	TAF12;TAF12;TAF12;TAF12	0.108298	0.783527	1.06221	1.06221	0.156006	1.39464	1.39464	0.132497	0.700629	-1.42729	0.635611	1.11028	1.11028	0.372146	1.2224	1.2224	0.372685	0.818256	-1.22211	0.0097606	0.488588	-2.04671	0.19418	0.740048	-1.35126	0.75995	1.06947	1.06947	2.47391	1.88203	0.676222	1
cg12077818	KDM4A	0.108303	0.97728	1.00587	1.00587	0.0154822	1.84144	1.84144	0.0332214	1.66813	1.66813	0.619728	1.10831	1.10831	0.132467	1.39618	1.39618	0.648004	0.909836	-1.0991	0.214044	0.764194	-1.30857	0.577147	1.12276	1.12276	0.172015	1.34832	1.34832	2.47387	1.65576	0.594932	1
cg04136699	PTPRN2;PTPRN2;PTPRN2	0.108305	0.593775	0.860962	-1.16149	0.380908	1.28392	1.28392	0.710496	1.10925	1.10925	0.9324	0.976684	-1.02387	0.0170025	0.445178	-2.24629	0.67493	0.889326	-1.12445	0.521945	0.834869	-1.19779	0.188343	0.678681	-1.47345	0.0113974	0.414501	-2.41254	2.47385	3.02965	1.0886	1
cg10022165	NXN	0.108306	0.259148	1.58159	1.58159	0.127565	0.526446	-1.89953	0.671896	1.18045	1.18045	0.179036	1.74344	1.74344	0.161607	0.558748	-1.78971	0.569951	1.25055	1.25055	0.601565	1.22771	1.22771	0.0289584	2.72556	2.72556	0.0520309	2.36488	2.36488	2.47383	5.94121	2.13478	1
cg13217590	LOC400940	0.108309	0.899783	0.978097	-1.02239	0.0396875	1.51904	1.51904	0.032699	0.644508	-1.55157	0.215955	0.795411	-1.25721	0.422572	1.15487	1.15487	0.120115	0.743511	-1.34497	0.620692	0.91605	-1.09164	0.139221	0.755982	-1.32278	0.5506	0.899293	-1.11198	2.4738	1.21051	0.43496	1
cg18571782	NALCN	0.108309	0.447654	1.24207	1.24207	0.190768	0.678374	-1.47411	0.133439	0.635444	-1.5737	0.166615	1.51148	1.51148	0.426327	0.796502	-1.25549	0.012919	2.37367	2.37367	0.203912	1.45585	1.45585	0.727508	1.10295	1.10295	0.940256	1.02122	1.02122	2.4738	3.07407	1.10458	1
cg18406556	AP1M2	0.108313	0.129642	0.671764	-1.48862	0.0644883	0.6037	-1.65645	0.784144	0.935457	-1.069	0.231824	0.737331	-1.35624	0.0210969	0.509681	-1.96201	0.22736	0.734958	-1.36062	0.0735738	0.615869	-1.62372	0.0157651	0.487301	-2.05212	0.580417	0.87313	-1.1453	2.47376	2.31331	0.831232	1
cg25123225	KLHL5;KLHL5;KLHL5;KLHL5;KLHL5;KLHL5	0.108314	0.183786	0.790599	-1.26486	0.919352	0.983266	-1.01702	0.0583738	1.42817	1.42817	0.0139876	1.65816	1.65816	0.661529	1.07617	1.07617	0.673944	0.931917	-1.07306	0.371832	0.858316	-1.16507	0.484108	0.888266	-1.12579	0.18416	1.26458	1.26458	2.47375	1.08777	0.390868	1
cg19947611	C15orf23;C15orf23;C15orf23	0.108316	0.397295	1.47939	1.47939	0.392608	0.673193	-1.48546	0.0102769	4.31208	4.31208	0.26567	1.68894	1.68894	0.664649	1.21784	1.21784	0.170537	0.517131	-1.93375	0.268798	0.594281	-1.68271	0.28576	1.65027	1.65027	0.199596	1.84474	1.84474	2.47373	7.99881	2.87422	1
cg08111426	KLHDC4	0.108317	0.426201	1.15726	1.15726	0.930225	1.01587	1.01587	0.0161721	0.589268	-1.69702	0.107414	1.37143	1.37143	0.259261	1.23561	1.23561	0.0978687	1.386	1.386	0.205118	1.27165	1.27165	0.556336	0.898565	-1.11289	0.458601	1.14529	1.14529	2.47372	1.26593	0.454891	1
cg10539418	CCND1	0.108317	0.0750064	0.817646	-1.22302	0.233705	0.880936	-1.13516	0.201336	0.871958	-1.14684	0.375494	0.911783	-1.09675	0.987041	1.00165	1.00165	0.692198	0.960404	-1.04123	0.00773699	0.706552	-1.41532	0.0479882	0.794905	-1.25801	0.548165	1.06364	1.06364	2.47372	0.403923	0.145143	1
cg05850431	HEPHL1	0.108318	0.00949917	0.0698151	-14.3236	0.122063	0.257265	-3.88704	0.209005	0.342033	-2.92369	0.493382	1.75685	1.75685	0.512069	0.583509	-1.71377	0.534733	1.66418	1.66418	0.894351	0.897951	-1.11365	0.567716	0.626313	-1.59665	0.0342536	0.135184	-7.39734	2.47371	25.7131	9.23959	1
cg07608052	DOK3;DOK3;DOK3	0.108319	0.234347	1.60714	1.60714	0.370236	0.704548	-1.41935	0.0466831	0.420267	-2.37944	0.135032	1.8463	1.8463	0.892089	1.05302	1.05302	0.0958108	0.498465	-2.00616	0.932898	1.03257	1.03257	0.0547881	2.2911	2.2911	0.471662	0.756802	-1.32135	2.4737	5.67489	2.03919	1
cg00780578	FAM155B	0.10832	0.66984	1.16304	1.16304	0.500388	0.785941	-1.27236	0.231178	0.642574	-1.55624	0.0599978	0.473694	-2.11107	0.00985209	0.31706	-3.15398	0.633328	1.18441	1.18441	0.540242	1.24401	1.24401	0.128516	0.56072	-1.78342	0.12691	0.559131	-1.78849	2.47369	4.8583	1.74577	1
cg19093370	PLD6	0.108321	0.0601174	0.0690527	-14.4817	0.388572	0.328311	-3.0459	0.427667	0.360329	-2.77524	0.957003	0.934299	-1.07032	0.594518	0.508046	-1.96832	0.0910377	0.095725	-10.4466	0.0152981	0.0234442	-42.6545	0.03591	0.0461257	-21.6799	0.0478907	0.0577923	-17.3033	2.47369	62.2421	22.3659	1
cg24463290	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.108321	0.0188223	0.296898	-3.36816	0.594237	0.794977	-1.2579	0.50195	1.33749	1.33749	0.489459	0.741104	-1.34934	0.0143159	0.275611	-3.6283	0.319831	0.644891	-1.55065	0.4341	0.711351	-1.40578	0.245096	1.68007	1.68007	0.471353	0.731499	-1.36706	2.47369	7.13416	2.56357	1
cg20083442	KCNB2	0.108321	0.0493222	2.84881	2.84881	0.00943624	4.64258	4.64258	0.909044	1.05478	1.05478	0.260625	1.72891	1.72891	0.53213	1.34352	1.34352	0.323806	1.60883	1.60883	0.123178	2.17991	2.17991	0.0264615	3.41381	3.41381	0.377182	1.5263	1.5263	2.47368	8.53066	3.0654	1
cg08930112	KIAA1244	0.108322	0.780223	0.929464	-1.07589	0.00817853	2.42293	2.42293	0.283315	1.33844	1.33844	0.382048	1.26419	1.26419	0.157558	1.48468	1.48468	0.0727057	1.68806	1.68806	0.0337681	1.91221	1.91221	0.209694	1.41301	1.41301	0.738351	1.09162	1.09162	2.47367	2.67904	0.962687	1
cg26225893	MUC13	0.108322	0.0447282	0.229412	-4.35896	0.0641541	0.264723	-3.77753	0.0578643	0.25409	-3.93561	0.498821	0.644885	-1.55066	0.0252128	0.182587	-5.47685	0.282725	0.490089	-2.04045	0.0329895	0.203278	-4.91936	0.113498	0.33276	-3.00517	0.196476	0.417866	-2.39311	2.47367	15.9931	5.74695	1
cg07893709	LOC100133091	0.108323	0.0723247	0.796015	-1.25626	0.585924	1.06457	1.06457	0.203866	0.858517	-1.1648	0.916824	0.988187	-1.01195	0.867267	1.01921	1.01921	0.225554	0.865213	-1.15579	0.00781094	0.678114	-1.47468	0.260718	0.87508	-1.14275	0.300942	1.12967	1.12967	2.47366	0.506971	0.182175	1
cg17049328	GHRH	0.108323	0.0198985	1.87336	1.87336	0.00928998	2.08992	2.08992	0.471492	1.17773	1.17773	0.24869	1.30906	1.30906	0.627193	1.11551	1.11551	0.374795	1.22563	1.22563	0.0683536	1.57741	1.57741	0.897224	0.971549	-1.02928	0.215106	1.33835	1.33835	2.47366	1.95431	0.702265	1
cg23308914	COMMD9;COMMD9	0.108324	0.0189543	0.3311	-3.02023	0.0471471	0.413261	-2.41978	0.238888	0.618877	-1.61583	0.829324	0.919447	-1.08761	0.065915	0.448129	-2.2315	0.0926519	0.486824	-2.05413	0.161039	0.558573	-1.79028	0.0377429	0.391628	-2.55344	0.149701	0.548342	-1.82368	2.47366	5.92896	2.13052	1
cg22123729	SCFD2	0.108326	0.907984	1.02626	1.02626	0.0179699	1.90507	1.90507	0.0257149	1.81099	1.81099	0.112871	1.47233	1.47233	0.620302	1.11846	1.11846	0.25151	0.764483	-1.30807	0.84008	1.04633	1.04633	0.367418	0.81257	-1.23066	0.889101	1.03177	1.03177	2.47363	1.96873	0.707455	1
cg01622606	C2orf58	0.108327	0.552591	0.810297	-1.23412	0.513825	0.793088	-1.26089	0.635225	0.845929	-1.18213	0.084295	0.512394	-1.95162	0.0350412	0.423203	-2.36293	0.235589	1.54529	1.54529	0.0481082	0.453416	-2.20548	0.230486	1.55342	1.55342	0.105849	0.538766	-1.85609	2.47362	4.80267	1.72582	1
cg05651688	ZMYM4	0.108327	0.567935	1.30906	1.30906	?	?	?	0.444274	0.694985	-1.43888	0.757303	0.865351	-1.1556	0.81271	1.1171	1.1171	0.0033598	0.155432	-6.43367	0.371072	0.65148	-1.53497	0.299954	0.60583	-1.65063	0.832453	1.10389	1.10389	2.49945	7.65932	3.06441	1
cg20023231	HS3ST2	0.108333	0.607873	0.856158	-1.16801	0.0148033	2.45912	2.45912	0.687623	0.885779	-1.12895	0.372922	0.759968	-1.31584	0.379098	1.31097	1.31097	0.675747	0.881415	-1.13454	0.36484	0.756233	-1.32234	0.0279596	2.17977	2.17977	0.549468	0.833825	-1.19929	2.47356	3.52744	1.26761	1
cg07295918	CCND1	0.108336	0.494732	0.770557	-1.29776	0.103902	0.512508	-1.95119	0.00785201	0.277392	-3.605	0.396326	1.38614	1.38614	0.0711306	0.468697	-2.13358	0.615276	0.826559	-1.20984	0.109843	0.519338	-1.92553	0.745012	1.13052	1.13052	0.472974	0.760037	-1.31573	2.47353	5.53594	1.9894	1
cg25118606	ACTG2	0.108338	0.133125	0.402576	-2.48401	0.0117745	0.170908	-5.85108	0.336681	0.573349	-1.74414	0.337804	1.74175	1.74175	0.104888	0.369659	-2.7052	0.0716918	0.32327	-3.09339	0.233284	0.495695	-2.01737	0.10344	0.367837	-2.71859	0.917142	0.943237	-1.06018	2.47351	12.3535	4.43938	1
cg03606774	SLC5A6;SLC5A6	0.108338	0.0689584	0.526233	-1.9003	0.621047	1.17023	1.17023	0.415502	1.30023	1.30023	0.0861135	0.549791	-1.81887	0.0113909	0.368184	-2.71604	0.190399	0.645695	-1.54872	0.266588	0.694101	-1.44071	0.621351	1.17007	1.17007	0.375254	0.750458	-1.33252	2.47351	3.89831	1.40091	1
cg20689078	ZNF84;ZNF84	0.10834	0.743778	1.04892	1.04892	0.4648	1.11443	1.11443	0.00472137	1.72748	1.72748	0.367579	0.873904	-1.14429	0.186545	1.2262	1.2262	0.600739	0.925984	-1.07993	0.575315	0.920876	-1.08592	0.468084	1.11351	1.11351	0.143878	1.25693	1.25693	2.4735	0.830799	0.298561	1
cg17229371	LPCAT1	0.10834	0.248248	0.858171	-1.16527	0.719176	1.04682	1.04682	0.208645	0.845388	-1.18289	0.873918	1.02033	1.02033	0.181665	0.835551	-1.19681	0.337834	1.13338	1.13338	0.00823035	1.53467	1.53467	0.388472	0.894044	-1.11851	0.605273	0.936068	-1.0683	2.47349	0.629051	0.22606	1
cg20082904	TMEM61;TMEM61	0.108345	0.0439919	4.46568	4.46568	0.0571231	4.02108	4.02108	0.195321	2.42426	2.42426	0.261651	2.13143	2.13143	0.145507	2.74693	2.74693	0.146394	2.73996	2.73996	0.0215802	5.95364	5.95364	0.0484486	4.29599	4.29599	0.0571104	4.02144	4.02144	2.47345	16.3746	5.88457	1
cg06153873	ADCY9	0.108346	0.197624	0.491405	-2.03498	0.0258686	0.251536	-3.97558	0.0853408	0.370718	-2.69747	0.852684	1.10184	1.10184	0.0179284	0.222961	-4.48509	0.105971	0.398048	-2.51226	0.0599746	0.330512	-3.02561	0.416769	0.648578	-1.54183	0.71537	0.826079	-1.21054	2.47344	10.6625	3.83181	1
cg16051718	KIAA0232;KIAA0232	0.108348	0.417273	1.67436	1.67436	0.160391	0.393593	-2.54069	0.104368	0.331592	-3.01576	0.589647	1.40292	1.40292	0.287116	1.98822	1.98822	0.665769	1.31025	1.31025	0.0382141	4.45272	4.45272	0.0457563	4.15344	4.15344	0.203841	2.30218	2.30218	2.47341	15.1443	5.44254	1
cg10024100	TRIT1	0.108349	0.18009	0.729823	-1.37019	0.0590453	0.623979	-1.60262	0.0244756	0.552685	-1.80935	0.134992	0.700128	-1.42831	0.0128199	0.504663	-1.98152	0.312002	0.793425	-1.26036	0.111185	0.681194	-1.46801	0.911303	0.975648	-1.02496	0.312883	0.793782	-1.25979	2.4734	1.91744	0.689088	1
cg22658129	PARP8	0.108352	0.0151828	0.42981	-2.32661	0.962358	1.01345	1.01345	0.425741	1.25895	1.25895	0.0454685	0.522305	-1.91459	0.564631	1.17922	1.17922	0.403022	0.784828	-1.27417	0.467744	1.23268	1.23268	0.126107	0.625895	-1.59771	0.366978	1.30004	1.30004	2.47337	3.14007	1.12849	1
cg13081644	TMEM51;TMEM51;C1orf126;TMEM51;TMEM51	0.108353	0.0593469	1.68758	1.68758	0.721453	1.092	1.092	0.270822	1.32558	1.32558	0.289103	0.76298	-1.31065	0.662978	0.897805	-1.11383	0.693156	0.907108	-1.1024	0.0101957	0.450949	-2.21755	0.819702	1.05773	1.05773	0.32284	0.777982	-1.28538	2.47336	2.36748	0.850835	1
cg00323631	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.108353	0.388378	0.907657	-1.10174	0.157154	1.18036	1.18036	0.0469014	1.28314	1.28314	0.933674	1.00916	1.00916	0.92784	1.00998	1.00998	0.0132007	0.714118	-1.40033	0.977235	1.00313	1.00313	0.333169	0.896365	-1.11562	0.705999	1.04241	1.04241	2.47336	0.470534	0.169103	1
cg25336579	PSAT1;PSAT1	0.108354	0.90135	1.05255	1.05255	0.00585178	4.74308	4.74308	0.12754	1.99134	1.99134	?	?	?	?	?	?	0.252306	1.64407	1.64407	0.68339	1.1847	1.1847	0.309781	1.54705	1.54705	0.187497	1.78976	1.78976	2.68019	5.5125	2.05676	1
cg06686709	CACNB4;CACNB4;CACNB4;CACNB4	0.108354	0.18911	1.6301	1.6301	0.96576	0.985036	-1.01519	0.258135	1.51355	1.51355	0.0282779	2.48339	2.48339	0.635286	0.845504	-1.18273	0.663066	0.857289	-1.16647	0.030781	0.410239	-2.43761	0.403878	0.740808	-1.34988	0.253507	1.52024	1.52024	2.47335	4.83277	1.73683	1
cg21580376	ADRB2	0.108357	0.0977438	0.587821	-1.7012	0.520141	0.826408	-1.21006	0.51369	0.8239	-1.21374	0.045748	0.511802	-1.95388	0.0661792	0.54732	-1.82708	0.0516955	0.523288	-1.91099	0.942239	1.02142	1.02142	0.210676	1.4707	1.4707	0.264882	1.40473	1.40473	2.47332	3.35061	1.20418	1
cg13837449	C9orf3	0.108358	0.47725	1.36746	1.36746	0.568548	0.779131	-1.28348	0.122558	0.484504	-2.06397	0.222436	1.74242	1.74242	0.0909986	2.23952	2.23952	0.182083	1.84661	1.84661	0.046449	2.68517	2.68517	0.0315498	2.97999	2.97999	0.438621	1.40793	1.40793	2.47331	7.34659	2.6403	1
cg07399288	PMS2L4;STAG3L4	0.108358	0.164406	0.8367	-1.19517	0.00334374	1.61596	1.61596	0.888155	1.01706	1.01706	0.566209	1.07218	1.07218	0.48975	1.08798	1.08798	0.464698	1.09355	1.09355	0.667265	1.05335	1.05335	0.842281	0.976341	-1.02423	0.337908	1.12607	1.12607	2.47331	0.565792	0.203341	1
cg01826897	SNX25	0.10836	0.288223	0.818665	-1.2215	0.36657	1.18333	1.18333	0.928414	1.01644	1.01644	0.89805	1.02353	1.02353	0.0791372	1.42437	1.42437	0.289813	1.22064	1.22064	0.310381	0.826564	-1.20983	0.0153864	0.582937	-1.71545	0.206493	1.27353	1.27353	2.47329	1.28993	0.463596	1
cg10179669	KCNK10;KCNK10	0.108361	0.227581	1.3364	1.3364	0.794149	1.06169	1.06169	0.24795	1.31854	1.31854	0.242503	1.32317	1.32317	0.0525749	1.65624	1.65624	0.0150486	1.98199	1.98199	0.234652	1.33002	1.33002	0.0157808	1.96826	1.96826	0.141626	1.43594	1.43594	2.47328	2.05306	0.737863	1
cg14076971	C1orf86	0.108363	0.0624801	0.273944	-3.65038	0.599338	1.38734	1.38734	0.0598002	0.269371	-3.71235	0.212627	2.24948	2.24948	0.526276	0.672632	-1.4867	0.635635	1.34281	1.34281	0.0202985	0.177642	-5.62929	0.273012	0.494331	-2.02293	0.256411	0.481141	-2.07839	2.47327	14.94	5.36941	1
cg16197528	SLC44A2;SLC44A2	0.108364	0.329077	0.768903	-1.30055	0.487274	1.20217	1.20217	0.78767	0.931992	-1.07297	0.797805	0.935216	-1.06927	0.0369662	0.531496	-1.88148	0.444776	0.816086	-1.22536	0.00982014	2.3433	2.3433	0.742706	0.917648	-1.08974	0.960024	0.987008	-1.01316	2.47326	2.66615	0.958216	1
cg16640865	PDE2A;PDE2A;PDE2A;PDE2A	0.108365	0.157438	2.22811	2.22811	0.0123408	5.21267	5.21267	0.160831	2.21174	2.21174	0.860975	1.09735	1.09735	0.579146	1.34568	1.34568	0.133594	2.35716	2.35716	0.0314024	3.81037	3.81037	0.0421219	3.45865	3.45865	0.21969	1.98169	1.98169	2.47324	11.0007	3.95367	1
cg12796186	PGD	0.108366	0.0136045	0.549706	-1.81916	0.0405956	0.629109	-1.58955	0.619919	0.906652	-1.10296	0.120094	0.718558	-1.39168	0.863104	0.966739	-1.03441	0.310257	0.813999	-1.2285	0.498813	1.14406	1.14406	0.353884	1.20558	1.20558	0.450791	1.16254	1.16254	2.47324	1.50488	0.540859	1
cg25737411	TNK1	0.108366	0.989032	0.994745	-1.00528	0.0136732	3.21829	3.21829	0.096391	2.01313	2.01313	0.76168	0.889956	-1.12365	0.738787	0.879617	-1.13686	0.540843	1.2678	1.2678	0.601473	1.22382	1.22382	0.0383227	0.398526	-2.50925	0.909626	0.957412	-1.04448	2.47323	5.75436	2.06814	1
cg07016258	BNC1	0.108367	0.34457	0.603955	-1.65575	0.746476	0.845343	-1.18295	0.615928	0.769537	-1.29948	0.0532558	0.320661	-3.11856	0.0770935	0.361278	-2.76795	0.321866	0.588564	-1.69905	0.0108117	0.190495	-5.24948	0.214277	1.9684	1.9684	0.243255	0.531296	-1.88219	2.47323	10.5085	3.77679	1
cg24077412	YKT6	0.108368	0.815314	0.967074	-1.03405	0.0111277	1.57681	1.57681	0.879079	1.02202	1.02202	0.545841	0.916247	-1.09141	0.896783	0.9816	-1.01875	0.337213	0.867987	-1.15209	0.0825866	0.759491	-1.31667	0.0841369	0.760758	-1.31448	0.514236	0.909694	-1.09927	2.47321	0.802021	0.288252	1
cg09879107	CNR1;CNR1;CNR1;CNR1;CNR1	0.10837	0.414026	0.756137	-1.32251	0.569897	1.21196	1.21196	0.989059	0.99542	-1.0046	0.0738805	0.513289	-1.94822	0.0630488	2.01372	2.01372	0.986671	0.994423	-1.00561	0.0137001	2.77446	2.77446	0.535085	0.810358	-1.23402	0.910803	0.96318	-1.03823	2.4732	4.38958	1.57765	1
cg02157872	SYT17	0.108372	0.074534	0.507977	-1.96859	0.0286387	0.414702	-2.41137	0.0284364	0.414076	-2.41501	0.924308	0.968122	-1.03293	0.0453994	0.4573	-2.18675	0.136456	0.578699	-1.72801	0.0672746	0.497033	-2.01194	0.475007	0.78062	-1.28103	0.828933	0.928884	-1.07656	2.47317	4.55261	1.63627	1
cg26722179	TMEM175	0.108375	0.568286	1.13972	1.13972	0.645597	0.900311	-1.11073	0.844134	1.04565	1.04565	0.412037	1.2095	1.2095	0.786761	0.94036	-1.06342	0.115573	0.678451	-1.47395	0.00881935	0.469445	-2.13017	0.566717	1.14034	1.14034	0.0507707	0.603676	-1.65652	2.47314	2.01445	0.724029	1
cg07499072	FST;FST	0.108375	0.870772	1.01574	1.01574	0.0459176	1.2455	1.2455	0.0850894	1.20043	1.20043	0.0390243	1.25763	1.25763	0.252363	1.12157	1.12157	0.0745088	1.21004	1.21004	0.123632	0.852127	-1.17353	0.854598	1.01776	1.01776	0.993646	1.00076	1.00076	2.47314	0.360631	0.129617	1
cg00506886	RYR1;RYR1	0.108376	0.276569	0.427466	-2.33937	0.882776	0.895117	-1.11717	0.0425073	0.173055	-5.77851	0.930548	1.06765	1.06765	0.0104527	0.0888721	-11.2521	0.879193	1.121	1.121	0.620994	1.45395	1.45395	0.0636916	0.208982	-4.7851	0.159427	0.323315	-3.09296	2.47314	22.0889	7.93915	1
cg00715323	ROCK2	0.108376	0.660294	1.23764	1.23764	0.00502342	5.98433	5.98433	0.053512	2.87808	2.87808	0.970736	1.01784	1.01784	0.779621	1.14479	1.14479	0.4944	1.39725	1.39725	0.999994	0.999996	-1	0.0920622	2.44478	2.44478	0.617837	0.784684	-1.2744	2.47313	9.10227	3.27152	1
cg17398003	C5orf25	0.108376	0.875375	0.924817	-1.0813	0.429155	0.667103	-1.49902	0.621562	0.780024	-1.28201	0.0590459	3.03545	3.03545	?	?	?	0.011557	5.54384	5.54384	0.435743	1.48994	1.48994	0.568276	0.749598	-1.33405	0.446653	0.67785	-1.47525	2.86357	9.51589	2.49231	1
cg22724063	MDC1	0.108377	0.0384598	0.510323	-1.95954	0.720676	1.10597	1.10597	0.506448	0.827705	-1.20816	0.569557	0.851092	-1.17496	0.0288504	0.485311	-2.06053	0.544722	0.842006	-1.18764	0.00875147	0.391866	-2.55189	0.583632	0.856183	-1.16797	0.592327	0.859308	-1.16373	2.47312	3.08233	1.10785	1
cg27607338	CDGAP	0.108378	0.475087	0.856897	-1.167	0.412464	1.19503	1.19503	0.413942	1.19433	1.19433	0.486836	0.860516	-1.16209	0.0559911	0.631097	-1.58454	0.0907735	0.672878	-1.48615	0.0961883	1.47468	1.47468	0.0898776	1.48812	1.48812	0.246088	1.29425	1.29425	2.47311	1.77085	0.636482	1
cg04662714	LOC550112;UBA6	0.108379	0.185611	1.28878	1.28878	0.0434114	1.52173	1.52173	0.985847	0.996799	-1.00321	0.072248	0.695857	-1.43708	0.132548	0.745747	-1.34094	0.361152	0.843941	-1.18492	0.173135	1.29953	1.29953	0.467239	0.874845	-1.14306	0.269929	1.23077	1.23077	2.47311	1.27965	0.459933	1
cg23364226	RGS6	0.108379	0.964136	0.973146	-1.0276	0.0497647	3.87644	3.87644	0.224063	2.16682	2.16682	0.0541785	3.75456	3.75456	0.141163	0.383625	-2.60671	0.917811	0.939422	-1.06448	0.029415	4.72537	4.72537	0.186483	2.33467	2.33467	0.812187	1.15501	1.15501	2.4731	14.3564	5.16	1
cg15978778	C7orf65	0.108381	0.0803201	0.434504	-2.30148	0.10493	0.467041	-2.14114	0.0170413	0.286554	-3.48975	0.47465	0.731693	-1.36669	0.203879	0.562047	-1.77921	0.5935	0.79335	-1.26048	0.0178836	0.290352	-3.44409	0.582472	1.26943	1.26943	0.714885	0.854159	-1.17074	2.47309	7.23093	2.59898	1
cg01654560	NTM;NTM;NTM;NTM	0.108381	0.73773	1.21946	1.21946	0.0398614	4.06585	4.06585	0.513879	1.47822	1.47822	0.145463	0.397388	-2.51643	0.271046	1.967	1.967	0.861665	0.902152	-1.10846	0.0187773	0.186194	-5.37075	0.395645	0.59835	-1.67126	0.831521	0.881808	-1.13403	2.47308	13.6519	4.90685	1
cg16106903	APC;APC;APC	0.108383	0.104319	0.692454	-1.44414	0.425064	1.18365	1.18365	0.0339209	0.598987	-1.66948	0.36957	1.21013	1.21013	0.208653	0.76008	-1.31565	0.0463745	0.623579	-1.60365	0.0728996	0.660956	-1.51296	0.982033	0.99535	-1.00467	0.600616	1.11553	1.11553	2.47306	1.67792	0.603092	1
cg23220439	RIN1	0.108384	0.0682568	0.285249	-3.50571	0.413888	1.67065	1.67065	0.556468	1.44118	1.44118	0.448301	0.62201	-1.60769	0.254653	0.481528	-2.07672	0.299078	0.516192	-1.93726	0.0144886	0.157096	-6.36554	0.0519882	0.257072	-3.88996	0.137414	0.374185	-2.67248	2.47305	14.7864	5.31467	1
cg05457923	CNKSR3;CNKSR3	0.108385	0.411788	1.26159	1.26159	0.405397	1.2658	1.2658	0.094351	1.66396	1.66396	0.532974	0.839581	-1.19107	0.0097582	2.47175	2.47175	0.219354	1.42996	1.42996	0.118819	0.625764	-1.59805	0.813462	0.936645	-1.06764	0.957857	0.985474	-1.01474	2.47304	3.00294	1.07935	1
cg09724878	SFRS8	0.108386	0.785337	1.05245	1.05245	0.324154	1.21004	1.21004	0.988705	1.00265	1.00265	0.297328	1.22422	1.22422	0.0420674	0.644953	-1.5505	0.279553	0.810188	-1.23428	0.0123954	0.558316	-1.7911	0.851759	1.03565	1.03565	0.434278	1.16112	1.16112	2.47303	1.37315	0.493556	1
cg18892530	EXOC1;EXOC1;EXOC1;EXOC1	0.108386	0.820453	0.939706	-1.06416	0.232786	1.40815	1.40815	0.918974	1.02823	1.02823	0.332948	1.31418	1.31418	0.230556	0.708876	-1.41068	0.570611	1.16975	1.16975	0.00626289	0.377405	-2.64967	0.357555	1.29542	1.29542	0.41152	1.25823	1.25823	2.47303	2.93105	1.05352	1
cg15380603	BACH2;BACH2	0.108389	0.549523	1.33846	1.33846	0.0170278	4.05762	4.05762	0.0300456	3.41606	3.41606	0.168002	2.0286	2.0286	0.12367	0.448097	-2.23166	0.249576	1.78479	1.78479	0.594264	1.29541	1.29541	0.882816	0.931456	-1.07359	0.506512	1.38329	1.38329	2.473	9.07723	3.26269	1
cg02486855	SMAD3	0.108393	0.199235	1.80124	1.80124	0.0690887	2.41685	2.41685	0.0870137	2.27031	2.27031	0.210735	1.77204	1.77204	0.970486	0.984077	-1.01618	0.0573118	2.54189	2.54189	0.0210953	3.33132	3.33132	0.0292808	3.04683	3.04683	0.208492	1.77759	1.77759	2.47296	7.3721	2.64985	1
cg22684008	TRPC3	0.108398	0.531143	0.791592	-1.26328	0.144146	1.78254	1.78254	0.212585	1.622	1.622	0.0441706	0.426659	-2.34379	0.0504137	0.439759	-2.27397	0.136815	0.554081	-1.80479	0.562669	1.24063	1.24063	0.501454	1.28576	1.28576	0.409454	1.3645	1.3645	2.47291	5.31566	1.91072	1
cg25340966	TBX15	0.108403	0.0774574	0.151597	-6.59645	0.0143897	0.0550374	-18.1695	0.239161	0.305788	-3.27024	0.530488	0.542937	-1.84183	0.0866955	0.162231	-6.16404	0.185884	0.259713	-3.85041	0.1273	0.20495	-4.87924	0.182178	3.90011	3.90011	0.566643	0.573082	-1.74495	2.47286	36.1842	13.0067	1
cg07959956	ERC2	0.108404	0.232877	0.69181	-1.44548	0.337247	0.747219	-1.3383	0.193047	0.666501	-1.50037	0.395647	0.773972	-1.29204	0.0305594	0.47308	-2.11381	0.251515	0.702684	-1.42312	0.00776235	0.365328	-2.73727	0.490217	1.22928	1.22928	0.176725	0.655105	-1.52647	2.47285	3.39756	1.22128	1
cg17041400	CXorf38	0.108411	?	?	?	0.00982019	6.81592	6.81592	0.427588	0.621098	-1.61005	0.100419	0.347068	-2.88128	0.95395	0.966613	-1.03454	0.764199	1.19351	1.19351	0.930883	1.05233	1.05233	0.683885	1.27215	1.27215	0.133757	2.58815	2.58815	2.49858	12.1618	4.86748	1
cg14808040	DNAH10	0.108413	0.14113	0.437473	-2.28585	0.00504149	0.144071	-6.94101	0.119143	0.413347	-2.41927	0.789212	0.869389	-1.15023	0.0989954	0.388753	-2.57233	0.291059	0.564218	-1.77236	0.117743	0.411724	-2.42881	0.20884	0.500553	-1.99779	0.919126	1.05448	1.05448	2.47276	10.6863	3.84143	1
cg07155223	ESRRG	0.108414	0.0449314	32.9552	32.9552	0.117001	13.2775	13.2775	0.0991646	15.5682	15.5682	0.148192	10.5449	10.5449	0.0338351	43.0758	43.0758	0.592354	0.440074	-2.27235	0.426492	3.43196	3.43196	0.0217246	65.6428	65.6428	0.420999	3.48499	3.48499	2.47275	90.3256	32.4697	1
cg04728562	CAPS2	0.108414	0.534793	1.17711	1.17711	0.956315	0.985891	-1.01431	0.52142	0.844867	-1.18362	0.414574	0.805464	-1.24152	0.29547	0.754708	-1.32502	0.746932	0.919445	-1.08761	0.00788302	2.421	2.421	0.515655	1.18647	1.18647	0.0738987	0.596464	-1.67655	2.47275	2.63515	0.94727	1
cg13464117	PTPRN2;PTPRN2;PTPRN2	0.108415	0.155646	0.438599	-2.27999	0.803554	0.873533	-1.14478	0.883776	1.08259	1.08259	0.855637	1.10384	1.10384	0.00839469	0.160963	-6.21261	0.159547	0.442455	-2.26012	0.0221533	0.225829	-4.42812	0.616357	0.760303	-1.31526	0.248827	0.52	-1.92308	2.47275	11.5255	4.14313	1
cg03530740	TCF3;TCF3	0.108415	0.166754	1.29994	1.29994	0.717815	1.06671	1.06671	0.544335	1.11537	1.11537	0.749573	0.944607	-1.05864	0.016721	0.594667	-1.68161	0.179951	0.776155	-1.2884	0.0470514	1.49844	1.49844	0.571281	1.10717	1.10717	0.929981	1.01576	1.01576	2.47274	1.24002	0.445757	1
cg22037752	MAML3	0.108416	0.0984516	0.671807	-1.48852	0.099873	1.48557	1.48557	0.0691928	1.56248	1.56248	0.94955	1.01399	1.01399	0.483768	0.855379	-1.16907	0.911945	0.976011	-1.02458	0.619521	1.11614	1.11614	0.805376	1.05568	1.05568	0.0233707	0.551738	-1.81246	2.47273	1.88695	0.678314	1
cg08205655	USP18	0.108417	0.108066	0.604051	-1.65549	0.174939	0.660471	-1.51407	0.114141	1.63905	1.63905	0.0231832	0.458227	-2.18232	0.0705603	0.559318	-1.78789	0.819084	1.06809	1.06809	0.787495	0.925257	-1.08078	0.511532	1.21098	1.21098	0.67928	1.12697	1.12697	2.47272	3.23735	1.16376	1
cg23728864	HTT	0.108418	0.468132	1.15273	1.15273	0.0242468	1.6773	1.6773	0.787182	0.949232	-1.05348	0.0741986	1.46678	1.46678	0.111383	0.716132	-1.39639	0.438986	0.859004	-1.16414	0.134229	1.36472	1.36472	0.203769	1.29468	1.29468	0.230715	1.2739	1.2739	2.47271	1.45185	0.521908	1
cg25530299	H2AFY2	0.108419	0.0664778	0.395787	-2.52661	0.709307	0.844804	-1.18371	0.550476	0.761812	-1.31266	0.10424	0.449369	-2.22534	0.0128599	0.248774	-4.01972	0.544766	0.758769	-1.31792	0.048197	0.361722	-2.76456	0.494089	1.36718	1.36718	0.0989434	0.442753	-2.25859	2.4727	7.94344	2.85551	1
cg14425863	USH1C;USH1C	0.108419	0.222446	4.55216	4.55216	0.641425	1.74091	1.74091	0.453952	2.46378	2.46378	0.777366	1.39807	1.39807	0.580283	0.516731	-1.93524	0.470817	0.420136	-2.38018	0.143639	0.156079	-6.407	0.0365344	17.68	17.68	0.016301	32.1974	32.1974	2.4727	54.7212	19.6712	1
cg19987060	LOC730101;LOC730101	0.108421	0.15365	0.312155	-3.20353	0.160201	0.318694	-3.13781	0.361504	0.489252	-2.04394	0.463152	0.566004	-1.76677	0.148548	0.306983	-3.25751	0.189227	0.346472	-2.88624	0.0168337	0.108297	-9.23383	0.010057	0.0840991	-11.8907	0.131166	0.28877	-3.46296	2.47268	22.7471	8.1772	1
cg04298609	ATRX;ATRX	0.108422	0.145714	0.149019	-6.71055	0.945879	1.08626	1.08626	0.854491	0.799527	-1.25074	0.119338	7.84546	7.84546	0.312591	3.57158	3.57158	0.00661917	0.0136235	-73.4027	0.955518	1.07034	1.07034	0.970974	1.04534	1.04534	0.679332	1.65963	1.65963	2.47267	58.1665	20.91	1
cg07676349	PTPRS;PTPRS;PTPRS;PTPRS	0.108423	0.71585	0.906694	-1.10291	0.559773	0.853845	-1.17117	0.00618527	0.384179	-2.60296	0.466361	1.2197	1.2197	0.0772655	0.590795	-1.69263	0.35468	0.774825	-1.29061	0.770317	1.0816	1.0816	0.229948	1.40142	1.40142	0.483386	0.82626	-1.21027	2.47266	2.81134	1.01064	1
cg06015142	CCDC146	0.108423	0.0354502	0.142367	-7.0241	0.335281	0.453395	-2.20558	0.216064	0.354738	-2.81898	0.0910732	0.227262	-4.4002	0.0165402	0.0972241	-10.2855	0.151119	0.293854	-3.40305	0.0310481	0.133305	-7.50159	0.245084	0.379878	-2.63243	0.104948	0.244025	-4.09794	2.47266	24.8171	8.92142	1
cg13080151	CCND2	0.108423	0.554316	1.43688	1.43688	0.784039	1.18114	1.18114	0.769164	1.19523	1.19523	0.62232	0.740171	-1.35104	0.970687	0.977978	-1.02252	0.00334983	0.0889889	-11.2374	0.635719	0.748883	-1.33532	0.0870437	0.318178	-3.14289	0.41067	0.60059	-1.66503	2.47266	14.382	5.17015	1
cg23117304	KLHL29	0.108425	0.641012	0.887517	-1.12674	0.0262922	0.511896	-1.95352	0.832332	1.05535	1.05535	0.0178412	0.481071	-2.07869	0.189358	0.702379	-1.42373	0.625642	0.882553	-1.13308	0.171531	1.44757	1.44757	0.921094	0.975138	-1.0255	0.145615	0.672316	-1.4874	2.47264	2.52857	0.908994	1
cg04909938	LOC93622	0.108427	0.266577	3.50355	3.50355	0.132289	5.80882	5.80882	0.848324	0.8127	-1.23047	0.289577	3.28919	3.28919	0.456439	2.27395	2.27395	0.23158	3.89259	3.89259	0.0250914	17.9239	17.9239	0.0152787	25.1809	25.1809	0.0346794	14.399	14.399	2.47263	45.9436	16.5163	1
cg17919331	DCP2	0.108429	0.0414143	0.777099	-1.28684	0.47866	1.08029	1.08029	0.320782	0.895843	-1.11627	0.194422	1.15857	1.15857	0.0631907	1.25113	1.25113	0.3053	0.892423	-1.12055	0.100841	0.824746	-1.2125	0.339848	1.11124	1.11124	0.600865	0.944975	-1.05823	2.4726	0.450192	0.161842	1
cg15073914	KIAA0562	0.10843	0.895625	1.08803	1.08803	0.0173725	6.43651	6.43651	0.0994524	3.1925	3.1925	0.783705	0.837885	-1.19348	0.0316832	0.198081	-5.04844	0.830241	1.14799	1.14799	0.50505	1.54463	1.54463	0.500912	1.55138	1.55138	0.597636	0.710073	-1.40831	2.47259	16.1815	5.81722	1
cg25978313	FAM193A	0.108432	0.323641	1.62016	1.62016	0.0257013	3.50483	3.50483	0.0113233	4.48667	4.48667	0.260679	1.74246	1.74246	0.208853	0.534152	-1.87213	0.364495	1.55439	1.55439	0.335266	1.60055	1.60055	0.86831	1.08172	1.08172	0.971625	1.01698	1.01698	2.47257	8.774	3.15425	1
cg04321240	AGBL1	0.108435	0.0277906	0.271313	-3.68577	0.536541	0.730569	-1.3688	0.157586	0.468598	-2.13403	0.332194	0.605436	-1.6517	0.0140529	0.218521	-4.57622	0.192946	0.501012	-1.99596	0.0907863	0.392742	-2.5462	0.0812321	0.379244	-2.63683	0.0635504	0.351205	-2.84734	2.47254	9.85298	3.54218	1
cg20941699	FAM96A;FAM96A	0.108437	0.939505	0.987288	-1.01288	0.0142774	0.600886	-1.66421	0.340333	1.18014	1.18014	0.376861	1.16515	1.16515	0.993742	0.998679	-1.00132	0.492448	0.889133	-1.12469	0.487051	0.887786	-1.1264	0.703683	0.937618	-1.06653	0.0158625	0.607744	-1.64543	2.47252	1.11257	0.399976	1
cg21453303	PLEKHG5;PLEKHG5	0.108439	0.173722	0.483137	-2.06981	0.282287	1.75344	1.75344	0.379574	1.57313	1.57313	0.80782	0.884718	-1.1303	0.088831	0.389315	-2.56862	0.410532	1.52652	1.52652	0.0461268	0.317093	-3.15364	0.0658463	0.354375	-2.82187	0.0872186	0.387071	-2.5835	2.4725	9.89273	3.55654	1
cg13880565	SLC6A13	0.108441	0.0626244	0.233482	-4.28298	0.0709113	0.24637	-4.05894	0.0361016	0.184105	-5.43167	0.230975	0.417951	-2.39262	0.0520527	0.215581	-4.63862	0.0722963	0.248442	-4.02509	0.239838	0.4255	-2.35017	0.031611	0.173827	-5.75283	0.102659	0.289435	-3.45501	2.47248	18.8755	6.78597	1
cg16199879	ACTR10	0.108441	0.0884517	1.24505	1.24505	0.378769	1.11104	1.11104	0.277802	0.876687	-1.14066	0.834884	0.975955	-1.02464	0.144009	1.20086	1.20086	0.281494	1.13942	1.13942	0.0235937	0.729627	-1.37056	0.129899	1.21019	1.21019	0.830706	1.02528	1.02528	2.47248	0.532469	0.19143	1
cg15602329	FSTL4	0.108443	0.307026	0.582372	-1.71711	0.461089	0.681381	-1.46761	0.147614	0.451889	-2.21293	0.633921	0.782485	-1.27798	0.309699	0.584231	-1.71165	0.898617	0.936909	-1.06734	0.00251719	0.117078	-8.54129	0.637622	1.27452	1.27452	0.485651	0.696127	-1.43652	2.47247	10.2357	3.67988	1
cg21144922	C1orf59;C1orf59	0.108444	0.804503	1.35013	1.35013	0.139124	6.86847	6.86847	0.272912	0.25127	-3.97979	0.0700387	11.6093	11.6093	0.058844	0.0755475	-13.2367	0.39853	0.351245	-2.84702	0.285402	0.261049	-3.8307	0.574244	0.503025	-1.98797	0.074169	11.1178	11.1178	2.47245	57.3745	20.6271	1
cg06629775	RPS27A;C2orf63;RPS27A;RPS27A;C2orf63	0.108444	0.87272	1.03413	1.03413	0.604918	1.11542	1.11542	0.169457	1.35844	1.35844	0.0787765	0.664598	-1.50467	0.0697732	1.52871	1.52871	0.268963	0.785872	-1.27247	0.208377	0.757607	-1.31995	0.584809	1.12241	1.12241	0.0451305	0.618101	-1.61786	2.47245	1.7153	0.61668	1
cg14527439	PTPRN2;PTPRN2;PTPRN2	0.108446	0.158424	0.541065	-1.84821	0.00338586	0.197257	-5.06954	0.172554	0.553539	-1.80656	0.987084	0.993427	-1.00662	0.192076	0.569766	-1.75511	0.705072	0.856496	-1.16755	0.111463	0.493483	-2.02641	0.238602	0.604813	-1.6534	0.43046	0.72048	-1.38796	2.47243	6.49873	2.33643	1
cg22161244	MAGI1;MAGI1;MAGI1	0.108447	0.0694349	0.185899	-5.37927	0.212894	2.96488	2.96488	0.204025	3.03605	3.03605	0.881983	1.13096	1.13096	0.0267497	0.113687	-8.79607	0.831338	0.83803	-1.19328	0.148672	0.27712	-3.60855	0.233181	0.355005	-2.81686	0.135961	0.264181	-3.78529	2.47243	26.8763	9.66261	1
cg19845209	DLK1	0.108447	0.405576	0.883046	-1.13244	0.782614	0.960378	-1.04126	0.449809	0.893541	-1.11914	0.52018	1.09997	1.09997	0.0747446	0.74816	-1.33661	0.0243063	1.48052	1.48052	0.0525184	1.38021	1.38021	0.606614	1.07888	1.07888	0.380552	0.876804	-1.14051	2.47242	0.836611	0.30078	1
cg01332054	STRA6;STRA6;STRA6;STRA6;STRA6	0.108447	0.465783	0.639405	-1.56395	0.00723668	0.12394	-8.06842	0.041372	0.242311	-4.12693	0.201626	0.443771	-2.25341	0.416744	0.606494	-1.64882	0.436279	0.619698	-1.61369	0.0368614	0.232057	-4.30928	0.144132	0.388524	-2.57384	0.404329	0.598027	-1.67217	2.47242	14.2152	5.11068	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21828982	ANP32E;ANP32E;ANP32E	0.108449	0.0134225	0.321275	-3.11259	0.378544	0.715283	-1.39805	0.776019	0.899609	-1.11159	?	?	?	0.638553	0.839061	-1.19181	0.0234709	0.366482	-2.72865	0.436304	0.744871	-1.34251	0.741375	0.88441	-1.1307	0.24209	1.57474	1.57474	2.49819	4.83781	1.93652	1
cg18824724	SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.10845	0.183187	0.408251	-2.44947	0.0578222	0.256526	-3.89824	0.0743929	0.283369	-3.52897	0.279562	2.04028	2.04028	0.236684	0.455446	-2.19565	0.532616	1.49322	1.49322	0.805414	1.16949	1.16949	0.0483159	4.18407	4.18407	0.686948	1.29303	1.29303	2.47239	15.7563	5.66481	1
cg01568846	ACTL6A;ACTL6A;ACTL6A	0.108453	0.822935	0.966857	-1.03428	0.104788	1.30552	1.30552	0.217655	1.21536	1.21536	0.904433	0.982099	-1.01823	0.989051	0.997939	-1.00207	0.905396	0.982279	-1.01804	0.0365626	0.693945	-1.44104	0.649658	0.93354	-1.07119	0.0184911	1.53672	1.53672	2.47236	0.885554	0.318384	1
cg12869334	GPR124	0.108453	0.400734	0.648996	-1.54084	0.707774	1.20836	1.20836	0.998396	1.00101	1.00101	0.395596	1.5485	1.5485	0.192187	0.49965	-2.0014	0.192935	0.500299	-1.9988	0.372267	0.631015	-1.58475	0.00649424	5.91892	5.91892	0.874634	1.08259	1.08259	2.47236	9.89227	3.55657	1
cg16574934	PLCG2	0.108455	0.442044	0.553287	-1.80738	0.831642	0.851503	-1.17439	0.0945111	0.249633	-4.00587	0.646905	0.705925	-1.41658	0.238276	0.393492	-2.54135	0.467306	0.572083	-1.748	0.0102893	0.0870247	-11.491	0.431821	0.545655	-1.83266	0.0113843	0.0914544	-10.9344	2.47234	22.3243	8.02633	1
cg25619106	GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCTK	0.108463	0.576787	0.835598	-1.19675	0.0843408	1.83725	1.83725	0.0641795	1.9398	1.9398	0.332659	1.37487	1.37487	0.112185	0.576389	-1.73494	0.189948	0.642595	-1.55619	0.114279	0.578551	-1.72846	0.461738	0.787668	-1.26957	0.312085	1.39532	1.39532	2.47226	3.97353	1.42866	1
cg13296578	BAHCC1	0.108463	0.479531	0.820698	-1.21848	0.580162	0.857618	-1.16602	0.00695675	0.382933	-2.61142	0.251233	0.719248	-1.39034	0.0294715	0.494191	-2.02351	0.0492301	0.539515	-1.85352	0.680725	0.892489	-1.12046	0.696966	0.898003	-1.11358	0.232376	0.708719	-1.411	2.47226	2.95911	1.06394	1
cg03679521	NEUROD2;NEUROD2	0.108471	0.291801	0.647177	-1.54517	0.718484	1.1549	1.1549	0.578288	1.25031	1.25031	0.735353	0.873747	-1.1445	0.726922	0.869815	-1.14967	0.323974	0.666819	-1.49966	0.204124	0.58676	-1.70427	0.00471835	4.45271	4.45271	0.911244	0.95661	-1.04536	2.47218	6.19639	2.22795	1
cg06636222	PEX26;PEX26	0.108473	0.875948	1.09785	1.09785	0.718221	0.805311	-1.24176	0.325518	0.545188	-1.83423	0.440519	1.60004	1.60004	0.184189	0.430956	-2.32042	0.0822706	0.316553	-3.15902	0.00747975	0.12776	-7.82715	0.542711	0.691989	-1.44511	0.0576814	0.27734	-3.60569	2.47216	13.9801	5.02669	1
cg26924408	SLC6A3	0.108474	0.283263	1.39534	1.39534	0.53031	1.2092	1.2092	0.489845	0.810897	-1.2332	0.0418476	2.01558	2.01558	0.59967	0.853626	-1.17147	0.27699	1.40195	1.40195	0.00749118	2.79731	2.79731	0.961031	0.985506	-1.01471	0.566627	0.841067	-1.18897	2.47215	3.49611	1.25706	1
cg13743393	RB1	0.108475	0.879467	1.09004	1.09004	0.123022	2.58377	2.58377	0.0541189	3.46212	3.46212	0.0401865	0.260046	-3.84548	0.417515	1.60113	1.60113	0.237524	2.01982	2.01982	0.0957974	0.353687	-2.82736	0.764851	0.843306	-1.18581	0.830065	0.885054	-1.12987	2.47214	12.6376	4.54399	1
cg10590925	BRSK2	0.108475	0.23816	2.26016	2.26016	0.0201379	6.35915	6.35915	0.019352	6.46566	6.46566	0.441854	1.67792	1.67792	0.969551	1.02551	1.02551	0.644064	0.735613	-1.35941	0.170641	2.6194	2.6194	0.0570973	4.13986	4.13986	0.154854	2.73145	2.73145	2.47214	17.0534	6.13177	1
cg00226849	CNDP1;CNDP1	0.108476	0.238389	0.452355	-2.21065	0.00533979	0.0946623	-10.5639	0.101385	0.315937	-3.16519	0.756499	0.818888	-1.22117	0.12523	0.34438	-2.90377	0.31518	0.513158	-1.94872	0.0630919	0.261077	-3.83029	0.139347	0.359891	-2.77862	0.834254	0.874064	-1.14408	2.47213	16.1567	5.80936	1
cg23455023	C20orf107	0.108479	0.199199	0.528173	-1.89332	0.420434	0.67887	-1.47304	0.0773177	0.396889	-2.51959	0.242838	0.562634	-1.77735	0.0107864	0.221545	-4.51376	0.0547646	0.358747	-2.78748	0.0402813	0.327949	-3.04926	0.162081	0.495367	-2.01871	0.11943	0.451523	-2.21473	2.4721	8.66948	3.11727	1
cg13964280	EIF4A1	0.108482	0.342076	0.88189	-1.13393	0.301141	1.14747	1.14747	0.266732	0.861939	-1.16017	0.233886	1.17379	1.17379	0.108212	1.25233	1.25233	0.95348	1.00752	1.00752	0.0184713	0.692868	-1.44328	0.495939	0.915058	-1.09283	0.174131	1.20398	1.20398	2.47207	0.645445	0.232084	1
cg12473257	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.108485	0.109239	0.542774	-1.84239	0.0658909	0.485773	-2.05857	0.175724	0.604255	-1.65493	0.764333	0.900146	-1.11093	0.0240152	0.389872	-2.56495	0.74109	0.890462	-1.12301	0.00981194	0.319104	-3.13377	0.3249	0.70069	-1.42716	0.396993	0.738256	-1.35454	2.47204	4.79303	1.72346	1
cg13918544	POLD1;SPIB	0.108488	0.011509	0.445092	-2.24673	0.101529	0.631832	-1.5827	0.134944	0.661845	-1.51093	0.0537997	0.570776	-1.752	0.301659	0.760288	-1.31529	0.76993	0.927644	-1.078	0.282871	1.33079	1.33079	0.210348	0.71316	-1.40221	0.93704	0.979971	-1.02044	2.47201	2.56787	0.92336	1
cg16706559	CASP9;CASP9	0.10849	0.476862	0.559088	-1.78863	0.0147706	21.0262	21.0262	?	?	?	0.239815	2.78198	2.78198	?	?	?	0.212104	3.00475	3.00475	0.123298	4.23935	4.23935	0.253657	2.68569	2.68569	?	?	?	3.80139	21.7594	3.81604	1
cg25511286	RAB18	0.10849	0.216434	1.18699	1.18699	0.579206	1.07661	1.07661	0.58689	1.07498	1.07498	0.0801794	0.774288	-1.29151	0.948897	1.00848	1.00848	0.124156	1.24536	1.24536	0.0217681	0.695636	-1.43753	0.330566	1.14146	1.14146	0.238437	1.17672	1.17672	2.47199	0.679968	0.244506	1
cg14121472	ITFG2	0.108495	0.214063	0.48067	-2.08043	0.0834272	0.341948	-2.92442	0.207093	0.474704	-2.10658	0.161449	2.31035	2.31035	0.14997	0.421351	-2.37332	0.575593	0.728518	-1.37265	0.620377	0.756078	-1.32261	0.0707044	3.09873	3.09873	0.133524	2.4751	2.4751	2.47194	12.2775	4.41489	1
cg17480254	CXorf64	0.108496	0.0481617	0.438802	-2.27893	0.16286	0.580801	-1.72176	0.0871304	0.502075	-1.99173	0.222878	0.626769	-1.59548	0.0253464	0.379243	-2.63683	0.118046	0.538465	-1.85713	0.0147128	0.334482	-2.9897	0.432264	0.746524	-1.33954	0.515925	0.786423	-1.27158	2.47193	5.20841	1.87291	1
cg16751778	SQRDL	0.108496	0.294895	0.62626	-1.59678	0.716209	0.854462	-1.17033	0.189598	0.549582	-1.81957	0.649277	1.21804	1.21804	0.0582277	0.397673	-2.51463	0.111264	2.11143	2.11143	0.069553	0.417077	-2.39764	0.0711667	2.38291	2.38291	0.958625	1.0226	1.0226	2.47193	7.2661	2.61284	1
cg21972567	EBF1	0.108498	0.715248	1.09132	1.09132	0.115581	0.664972	-1.50382	0.00644096	0.429501	-2.32828	0.631239	1.12227	1.12227	0.317935	1.27918	1.27918	0.741592	1.08212	1.08212	0.773463	0.933477	-1.07126	0.195249	1.38645	1.38645	0.728531	0.920252	-1.08666	2.47191	2.22726	0.800912	1
cg10887547	TXNDC12;BTF3L4;BTF3L4;BTF3L4	0.108499	0.0937313	1.28734	1.28734	0.20523	1.201	1.201	0.0983041	1.28206	1.28206	0.498207	0.910075	-1.09881	0.864682	1.02365	1.02365	0.427584	0.894941	-1.11739	0.0228387	1.45244	1.45244	0.0521341	1.35355	1.35355	0.127588	1.25329	1.25329	2.4719	0.735203	0.264377	1
cg01914555	A2BP1;A2BP1	0.1085	0.0316168	0.323408	-3.09207	0.727451	1.16968	1.16968	0.0844057	0.42524	-2.35161	0.998556	0.99919	-1.00081	0.00941253	0.228885	-4.36901	0.345225	0.646958	-1.54569	0.166187	0.516148	-1.93743	0.554296	0.764953	-1.30727	0.157878	0.508456	-1.96674	2.47189	7.85553	2.82484	1
cg26099570	FOXO3;FOXO3	0.108502	0.879148	1.02802	1.02802	0.0108599	1.78764	1.78764	0.0409429	1.53491	1.53491	0.588826	0.905637	-1.10419	0.651671	1.08604	1.08604	0.93958	0.986326	-1.01386	0.049619	1.502	1.502	0.615968	0.912244	-1.0962	0.875794	0.971991	-1.02882	2.47187	1.29136	0.464377	1
cg21549434	COL23A1	0.108503	0.328251	0.876869	-1.14042	0.544944	1.08305	1.08305	0.0070692	0.635548	-1.57344	0.327272	0.876621	-1.14074	0.0323953	0.721687	-1.38564	0.202763	0.839382	-1.19135	0.7631	0.961403	-1.04015	0.704178	1.05093	1.05093	0.276316	0.862907	-1.15887	2.47186	0.66377	0.238694	1
cg16589271	CCDC90B	0.108504	0.270779	0.710783	-1.4069	0.101418	0.586263	-1.70572	0.0353163	0.482008	-2.07465	0.163226	1.55753	1.55753	0.26363	0.706835	-1.41476	0.43491	1.2677	1.2677	0.223703	0.683443	-1.46318	0.140778	1.60273	1.60273	0.258716	0.704082	-1.42029	2.47185	3.47054	1.24802	1
cg09675103	ZNF33A;ZNF33A	0.108505	0.960264	0.99376	-1.00628	0.0480885	1.3282	1.3282	0.026739	1.39061	1.39061	0.139409	1.22119	1.22119	0.282621	1.15057	1.15057	0.405627	0.898627	-1.11281	0.127783	0.813139	-1.2298	0.87762	1.01955	1.01955	0.429837	0.903716	-1.10654	2.47184	0.61786	0.222186	1
cg21837443	CCDC109B	0.108506	0.131777	0.785847	-1.27251	0.949163	0.990599	-1.00949	0.698295	0.943931	-1.0594	0.23525	1.20236	1.20236	0.0393017	1.42368	1.42368	0.0142011	1.56542	1.56542	0.70137	0.94452	-1.05874	0.910688	1.01676	1.01676	0.614124	0.927453	-1.07822	2.47183	0.859103	0.30894	1
cg08105781	AASS	0.108506	0.248257	1.19096	1.19096	0.19773	0.821085	-1.2179	0.167904	1.23713	1.23713	0.261383	1.18482	1.18482	0.0179382	0.659381	-1.51657	0.122735	1.27397	1.27397	0.757198	1.04592	1.04592	0.659844	1.06623	1.06623	0.302739	1.16716	1.16716	2.47183	0.820713	0.295135	1
cg14464893	PTPRD;PTPRD;PTPRD;PTPRD;PTPRD;PTPRD	0.108506	0.843396	0.961592	-1.03994	0.189569	1.31673	1.31673	0.0812175	1.46634	1.46634	0.871766	0.968519	-1.0325	0.38283	0.837604	-1.19388	0.373425	0.834498	-1.19832	0.00894471	1.93177	1.93177	0.333779	0.820861	-1.21823	0.596055	1.11175	1.11175	2.47183	1.53495	0.551982	1
cg24837370	SOX11	0.108506	0.266373	1.16175	1.16175	0.207239	0.841826	-1.18789	0.0493598	1.33695	1.33695	0.763583	0.9617	-1.03982	0.137872	0.813146	-1.22979	0.593792	0.93268	-1.07218	0.0829936	1.2821	1.2821	0.0577904	1.3201	1.3201	0.470356	1.09974	1.09974	2.47183	0.656127	0.235949	1
cg08409167	CSNK1G1	0.108508	0.730162	0.869277	-1.15038	0.597325	0.805978	-1.24073	0.0137235	0.291431	-3.43135	0.12493	0.510652	-1.95828	0.625862	0.819704	-1.21995	0.811442	0.907827	-1.10153	0.0503134	0.405444	-2.46643	0.109591	2.0255	2.0255	0.620385	1.22387	1.22387	2.47181	6.40907	2.30477	1
cg03444838	WDR37	0.108508	0.75812	1.05381	1.05381	0.122217	1.32873	1.32873	0.938749	1.01313	1.01313	0.937061	1.01349	1.01349	0.282381	0.827333	-1.2087	0.00619463	1.83249	1.83249	0.919	0.982888	-1.01741	0.0661121	1.41878	1.41878	0.967223	0.993052	-1.007	2.47181	1.12717	0.405342	1
cg13788301	TOM1;TOM1;TOM1;TOM1;TOM1;TOM1	0.108509	0.0933057	1.37045	1.37045	0.0875333	1.37987	1.37987	0.145406	1.3059	1.3059	0.0732068	1.40646	1.40646	0.0165948	1.64784	1.64784	0.206184	1.25563	1.25563	0.834478	1.03637	1.03637	0.0368343	1.51281	1.51281	0.0918889	1.3727	1.3727	2.4718	1.1409	0.41028	1
cg06047473	TCEA1;TCEA1	0.108511	0.110913	1.49246	1.49246	0.836672	0.953523	-1.04874	0.22712	0.746511	-1.33956	0.952178	0.986268	-1.01392	0.821536	0.949244	-1.05347	0.828333	0.951166	-1.05134	0.00586072	0.435372	-2.29689	0.122416	0.67981	-1.471	0.635748	0.89583	-1.11628	2.47178	2.08086	0.748311	1
cg23565757	PTPRN2;PTPRN2;PTPRN2	0.108512	0.915825	1.01792	1.01792	0.421302	0.871067	-1.14802	0.0487716	0.68513	-1.45958	0.711432	0.939474	-1.06443	0.911404	1.01888	1.01888	0.402771	1.15474	1.15474	0.0271188	1.552	1.552	0.237558	0.812287	-1.23109	0.0774469	1.39069	1.39069	2.47177	1.10526	0.397468	1
cg17891735	WDR60	0.108512	0.676122	0.882789	-1.13277	0.0121211	0.395365	-2.52931	0.0238244	0.449184	-2.22626	0.180306	0.655612	-1.52529	0.753018	0.910584	-1.0982	0.126879	0.612666	-1.63221	0.377673	1.30813	1.30813	0.803869	1.07663	1.07663	0.830952	0.938533	-1.06549	2.47177	3.44694	1.23958	1
cg03565584	ABHD8	0.108512	0.0977779	0.51288	-1.94977	0.753183	0.890519	-1.12294	0.0144528	0.330257	-3.02794	0.0850758	0.496654	-2.01348	0.0174703	0.345273	-2.89626	0.129034	0.5472	-1.82749	0.402491	0.729836	-1.37017	0.999748	0.999884	-1.00012	0.416476	0.736935	-1.35697	2.47177	5.28935	1.90214	1
cg19019380	PTPRN2;PTPRN2;PTPRN2	0.108513	0.635941	1.26626	1.26626	0.00451364	6.51173	6.51173	0.359239	1.59467	1.59467	0.847461	1.10003	1.10003	0.107231	0.418789	-2.38784	0.588356	0.762991	-1.31063	0.595425	1.30382	1.30382	0.383098	1.55702	1.55702	0.984011	1.00997	1.00997	2.47176	9.59371	3.45007	1
cg26966246	ADAT2;PEX3	0.108514	0.0429793	0.515185	-1.94105	0.0247668	0.467144	-2.14067	0.0334439	0.492799	-2.02923	0.37384	0.771085	-1.29687	0.540153	0.83811	-1.19316	0.116359	0.615136	-1.62566	0.625762	0.869389	-1.15023	0.145288	0.640597	-1.56104	0.337992	1.32482	1.32482	2.47175	3.17455	1.14163	1
cg08960815	GIMAP4	0.108516	0.656134	0.818358	-1.22196	0.022501	0.294493	-3.39567	0.0456568	0.3588	-2.78707	0.991274	0.99512	-1.0049	0.072573	0.408155	-2.45005	0.496718	1.36161	1.36161	0.534858	0.754929	-1.32463	0.296451	1.62292	1.62292	0.0858626	0.42781	-2.33748	2.47173	7.83247	2.81673	1
cg15005962	USP30	0.108518	0.864264	0.943522	-1.05986	0.687662	1.14719	1.14719	0.0917542	1.87913	1.87913	0.702179	0.877621	-1.13944	0.0570659	0.481175	-2.07825	0.415332	0.753602	-1.32696	0.101924	1.83731	1.83731	0.0481683	2.15393	2.15393	0.146604	1.69791	1.69791	2.47171	4.51933	1.62526	1
cg24857620	NPBWR1	0.108518	0.707932	1.52118	1.52118	0.0876052	0.10639	-9.39936	0.758486	1.40976	1.40976	0.980671	0.973436	-1.02729	?	?	?	?	?	?	?	?	?	0.0268687	26.503	26.503	?	?	?	3.29128	32.8229	9.97271	1
cg11754684	LRRC43;LRRC43	0.108519	0.321972	0.643278	-1.55454	0.0311728	2.97555	2.97555	0.0590537	2.50722	2.50722	0.91465	0.954825	-1.04731	0.232954	0.583157	-1.7148	0.93042	1.03837	1.03837	0.102726	0.463089	-2.15941	0.174038	0.536034	-1.86555	0.990679	1.00505	1.00505	2.4717	7.27842	2.61751	1
cg00578442	PIGX;C3orf34;PIGX	0.10852	0.145831	1.33516	1.33516	0.0997174	0.716078	-1.3965	0.906667	0.978523	-1.02195	0.894581	0.975757	-1.02485	0.198055	0.777382	-1.28637	0.864025	0.968769	-1.03224	0.00642097	0.518775	-1.92762	0.823848	0.95957	-1.04213	0.67056	1.08243	1.08243	2.47169	1.3414	0.482405	1
cg11202785	ABCD3;ABCD3	0.108521	0.00430669	0.11695	-8.55068	0.842805	1.10489	1.10489	0.582464	0.755915	-1.3229	0.477528	0.694318	-1.44026	0.123638	0.422178	-2.36867	?	?	?	0.241585	0.534821	-1.86978	0.694821	0.820079	-1.21939	0.717807	0.833163	-1.20025	2.86162	9.67511	2.53574	1
cg07774879	PHLPP1	0.108525	0.123742	0.760477	-1.31496	0.582748	1.09541	1.09541	0.79264	0.957651	-1.04422	0.774948	0.95401	-1.04821	0.137368	0.768893	-1.30057	0.0295422	0.656487	-1.52326	0.186451	1.25864	1.25864	0.134283	0.76705	-1.3037	0.116125	1.32374	1.32374	2.47164	1.05596	0.379761	1
cg13849552	SETBP1;SETBP1	0.108527	0.00783383	0.484719	-2.06305	0.308226	0.799474	-1.25082	0.971954	1.00749	1.00749	0.152682	0.722502	-1.38408	0.193328	0.746697	-1.33923	0.716479	0.925525	-1.08047	0.0303888	0.582749	-1.71601	0.611198	0.896918	-1.11493	0.474442	1.16691	1.16691	2.47162	1.76267	0.633923	1
cg21592954	KIRREL3;KIRREL3	0.10853	0.680346	0.878179	-1.13872	0.871936	1.05189	1.05189	0.40208	0.76421	-1.30854	0.063247	0.519405	-1.92528	0.242378	0.68136	-1.46765	0.317161	1.383	1.383	0.101079	1.75601	1.75601	0.607059	1.17664	1.17664	0.0177016	0.404717	-2.47086	2.47159	3.84906	1.38429	1
cg10852876	TRIM60	0.10853	0.314895	1.2216	1.2216	0.00649018	1.97674	1.97674	0.519249	1.1341	1.1341	0.460321	1.15578	1.15578	0.0747289	1.46569	1.46569	0.50779	0.878615	-1.13815	?	?	?	0.433144	1.16655	1.16655	0.491598	0.874116	-1.14401	2.49736	1.30418	0.522223	1
cg01449818	ABLIM1;ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.108531	0.374136	1.44678	1.44678	0.351024	1.47491	1.47491	0.836395	0.919692	-1.08732	0.113051	2.01022	2.01022	0.0318939	0.3613	-2.76778	0.474663	1.34225	1.34225	0.114566	0.499165	-2.00335	0.0853698	0.463032	-2.15968	0.300272	0.647541	-1.5443	2.47158	6.41605	2.30749	1
cg02603140	WAC;WAC;WAC	0.108531	0.777759	0.901378	-1.10941	0.531955	0.792701	-1.26151	0.802131	1.09651	1.09651	0.194884	1.6539	1.6539	0.0108115	0.30891	-3.23719	0.0308943	0.394553	-2.53452	0.894457	0.952462	-1.04991	0.42398	0.741086	-1.34937	0.174271	0.588416	-1.69948	2.47157	5.27068	1.89557	1
cg14689896	SRGAP3;SRGAP3	0.108535	0.699746	0.867817	-1.15232	0.485482	1.29602	1.29602	0.0125418	3.11432	3.11432	0.0651843	2.13271	2.13271	0.147821	0.566626	-1.76483	0.470518	0.76447	-1.3081	0.828281	1.08271	1.08271	0.332207	1.44192	1.44192	0.356234	0.706694	-1.41504	2.47154	5.23905	1.88423	1
cg13541153	SFRS8	0.108538	0.880408	1.0604	1.0604	0.840004	1.08192	1.08192	0.964404	1.01754	1.01754	0.417447	1.38095	1.38095	0.00843937	0.269779	-3.70674	0.212389	0.599524	-1.66799	0.0532579	0.425142	-2.35216	0.901607	1.04936	1.04936	0.105199	0.501792	-1.99286	2.47151	5.939	2.13599	1
cg19283112	PRDM2;PRDM2;PRDM2;PRDM2	0.10854	0.674888	0.877882	-1.13911	0.860145	0.947008	-1.05596	0.368742	0.752	-1.32979	0.0126613	0.384121	-2.60334	0.0209373	0.424091	-2.35799	0.339935	1.35479	1.35479	0.936278	1.02499	1.02499	0.860699	0.947215	-1.05573	0.314907	1.37829	1.37829	2.47149	3.73106	1.3419	1
cg21569090	ZNF426	0.108542	0.64414	0.802393	-1.24627	?	?	?	0.717385	0.841941	-1.18773	0.382119	1.52845	1.52845	0.121886	0.452202	-2.2114	0.397215	1.50728	1.50728	0.00629144	0.185533	-5.38987	0.805249	1.12403	1.12403	0.649566	1.24173	1.24173	2.49724	7.87578	3.15379	1
cg11869784	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.108544	0.0540192	0.438146	-2.28234	0.183408	0.587091	-1.70331	0.022319	0.355887	-2.80988	0.553276	0.797489	-1.25394	0.0512901	0.432856	-2.31024	0.312229	0.674062	-1.48354	0.0225406	0.356722	-2.8033	0.136623	0.546043	-1.83136	0.13347	0.542957	-1.84177	2.47145	5.57249	2.00422	1
cg09927198	SERPINA3	0.108544	0.73455	1.04488	1.04488	0.0567589	0.757188	-1.32068	0.0160437	0.683748	-1.46253	0.388722	0.892307	-1.12069	0.84082	1.02628	1.02628	0.444753	0.904395	-1.10571	0.385149	1.1217	1.1217	0.0309377	0.721223	-1.38653	0.879965	1.01968	1.01968	2.47145	0.651265	0.234236	1
cg20005616	ATG2B	0.108545	0.203101	1.17679	1.17679	0.911827	1.01351	1.01351	0.215491	1.17112	1.17112	0.146406	0.827874	-1.20791	0.992584	0.998875	-1.00113	0.64837	0.945888	-1.05721	0.161803	1.19843	1.19843	0.0169949	1.42286	1.42286	0.0507408	1.30959	1.30959	2.47144	0.574667	0.206687	1
cg16871527	RALGAPA2	0.108545	0.105035	1.46957	1.46957	0.160454	1.38524	1.38524	0.69911	0.919051	-1.08808	0.482315	0.856246	-1.16789	0.237744	0.764299	-1.30839	0.0218285	0.549831	-1.81874	0.488877	0.858295	-1.1651	0.114954	1.4514	1.4514	0.570028	0.882707	-1.13288	2.47144	1.84889	0.664978	1
cg24807198	GRK5	0.108545	0.032926	0.401768	-2.489	0.133493	0.553442	-1.80687	0.149973	0.568856	-1.75792	0.0378469	0.414705	-2.41136	0.0501339	0.44204	-2.26224	0.44942	0.754473	-1.32543	0.0467252	0.435032	-2.29868	0.573265	0.812182	-1.23125	0.0448338	0.430971	-2.32034	2.47144	5.22959	1.8809	1
cg07301537	FRAT2;FRAT2	0.108546	0.276314	0.716299	-1.39607	0.430487	1.26757	1.26757	0.172364	1.53415	1.53415	0.834342	1.06365	1.06365	0.00707949	0.358653	-2.78821	0.664804	1.13707	1.13707	0.489713	0.813218	-1.22968	0.132818	0.620112	-1.61261	0.456589	0.799792	-1.25033	2.47143	3.39831	1.22225	1
cg09007163	FAM46B	0.108546	0.58391	0.862879	-1.15891	0.426766	1.24157	1.24157	0.106247	1.6006	1.6006	0.120285	1.5673	1.5673	0.0392909	0.52946	-1.88872	0.176507	0.681723	-1.46687	0.188451	0.689646	-1.45002	0.304679	1.32769	1.32769	0.3136	1.32036	1.32036	2.47143	2.78307	1.00098	1
cg09551916	CFHR2	0.108547	0.122778	0.292816	-3.41511	0.290545	0.446781	-2.23824	0.0502894	0.194157	-5.15048	0.0640224	0.216776	-4.61305	0.0241501	0.138783	-7.20551	0.0615151	0.212855	-4.69803	0.142176	0.313793	-3.18682	0.765319	1.24594	1.24594	0.0724321	0.229371	-4.35976	2.47142	21.1183	7.59557	1
cg07106871	MVK;MMAB;MVK;MVK;MVK	0.108549	0.25911	0.821184	-1.21775	0.0858102	1.37396	1.37396	0.360668	1.17028	1.17028	0.404317	1.15348	1.15348	0.262221	0.822326	-1.21606	0.34829	0.850797	-1.17537	0.0502071	0.688272	-1.45291	0.0353024	0.663524	-1.50711	0.828125	0.964271	-1.03705	2.4714	1.09598	0.39419	1
cg09494646	MIR33B;SREBF1;SREBF1	0.108551	0.0218961	5.71428	5.71428	0.176852	2.48381	2.48381	0.0696952	3.61696	3.61696	0.0344994	4.77139	4.77139	0.0780259	3.45899	3.45899	0.186451	2.42937	2.42937	0.124516	2.86915	2.86915	0.0803796	3.41849	3.41849	0.0757628	3.49954	3.49954	2.47138	15.7211	5.65444	1
cg06601685	HPD	0.108552	0.242004	1.19799	1.19799	0.0893624	1.31827	1.31827	0.0436894	1.40786	1.40786	0.105772	0.770552	-1.29777	0.971151	1.00535	1.00535	0.843118	0.971193	-1.02966	0.0715103	0.743125	-1.34567	0.299115	0.853205	-1.17205	0.78575	1.04101	1.04101	2.47137	0.851779	0.306364	1
cg08467760	TMEM200B	0.108558	0.16912	4.54936	4.54936	0.163786	4.64925	4.64925	0.0565403	9.32257	9.32257	0.105825	6.21451	6.21451	0.549258	1.87134	1.87134	0.0376921	12.0964	12.0964	0.00946361	29.9795	29.9795	0.149435	4.94548	4.94548	0.293033	3.08967	3.08967	2.47131	41.859	15.056	1
cg22036694	SEPT8;SEPT8;SEPT8;SEPT8	0.108558	0.340937	1.22666	1.22666	0.182985	0.745157	-1.342	0.620903	0.901419	-1.10936	0.247459	1.28625	1.28625	0.108898	0.694902	-1.43905	0.43773	0.848069	-1.17915	0.0354185	0.600562	-1.66511	0.0552383	1.5721	1.5721	0.850649	1.04002	1.04002	2.47131	1.69626	0.610114	1
cg22356484	DCAKD;NMT1	0.108558	0.0946716	0.782837	-1.27741	0.0248873	0.700584	-1.42738	0.276552	0.859975	-1.16282	0.0689555	1.31163	1.31163	0.337339	1.14093	1.14093	0.874084	0.979083	-1.02136	0.553498	0.923217	-1.08317	0.2717	0.858551	-1.16475	0.353141	1.13581	1.13581	2.47131	0.695351	0.250107	1
cg02828564	ZCCHC14	0.108559	0.343531	1.52336	1.52336	0.0366904	2.84931	2.84931	0.00915713	4.16928	4.16928	0.344554	0.657063	-1.52192	0.95121	1.02675	1.02675	0.575713	0.78356	-1.27623	0.604096	0.797999	-1.25313	0.905042	1.05283	1.05283	0.52294	0.756324	-1.32218	2.4713	7.28306	2.61961	1
cg09377088	FOXO3;FOXO3	0.108563	0.351537	0.714941	-1.39872	0.298579	1.45804	1.45804	0.964676	0.98462	-1.01562	0.387067	1.36383	1.36383	0.0695271	0.491397	-2.03501	0.395402	1.35611	1.35611	0.744882	1.12106	1.12106	0.00837314	3.25112	3.25112	0.438906	1.31825	1.31825	2.47126	4.79416	1.72441	1
cg04717959	HLA-DPB1	0.108567	0.636835	1.16393	1.16393	0.016873	0.394362	-2.53574	0.0887476	0.549212	-1.82079	0.566955	0.831334	-1.20289	0.505227	1.24085	1.24085	0.120894	1.71064	1.71064	0.349651	1.35975	1.35975	0.149747	0.610831	-1.63711	0.529317	0.815942	-1.22558	2.47122	3.98751	1.43429	1
cg25459323	SEPT3;SEPT3	0.108573	0.611288	0.871793	-1.14706	0.857553	1.04927	1.04927	0.0976994	1.62645	1.62645	0.579736	1.16153	1.16153	0.317174	0.758207	-1.3189	0.230988	1.39983	1.39983	0.00715913	0.394722	-2.53343	0.593227	0.8656	-1.15527	0.700424	0.901686	-1.10903	2.47116	2.80452	1.0088	1
cg14547599	PRKAG1;PRKAG1	0.108574	0.264807	0.51927	-1.92578	0.245403	0.504041	-1.98396	0.846676	1.11534	1.11534	0.617708	1.32808	1.32808	0.0848158	0.341402	-2.92909	0.0729849	0.323791	-3.08841	0.0110133	0.165567	-6.03985	0.874768	0.914904	-1.09301	0.0555841	0.294279	-3.39814	2.47115	12.4441	4.47622	1
cg03625762	C22orf42	0.108576	0.202232	0.611532	-1.63524	0.0450405	0.431682	-2.31652	0.077725	0.488653	-2.04644	0.98957	0.995237	-1.00479	0.0968644	0.513935	-1.94577	0.51957	0.787843	-1.26929	0.0593164	0.459503	-2.17627	0.0494447	0.440912	-2.26802	0.0233203	0.371557	-2.69138	2.47113	5.22144	1.8782	1
cg08792314	COASY;COASY;COASY;COASY;COASY;COASY	0.108576	0.726309	1.12452	1.12452	0.465163	0.780183	-1.28175	0.327332	1.40168	1.40168	0.985835	0.994089	-1.00595	0.197011	0.634148	-1.57692	0.0158505	2.68265	2.68265	0.0380775	0.448031	-2.23199	0.77632	1.0998	1.0998	0.41419	1.32148	1.32148	2.47113	4.36455	1.56997	1
cg18368487	FAM196A;DOCK1	0.108577	0.712739	0.96239	-1.03908	0.234371	1.13795	1.13795	0.616962	1.05367	1.05367	0.736398	0.965582	-1.03564	0.0289893	1.30585	1.30585	0.0301806	1.30245	1.30245	0.115112	0.837278	-1.19435	0.183686	1.15745	1.15745	0.244666	1.13447	1.13447	2.47112	0.420586	0.151289	1
cg11630554	TRIM61;C4orf39;C4orf39	0.108577	0.293755	0.260402	-3.84022	0.198655	0.186701	-5.35615	0.348199	0.303228	-3.29785	0.932139	1.11096	1.11096	0.00553844	0.0110708	-90.3275	0.295662	0.261889	-3.81841	0.0458116	0.0591002	-16.9204	0.0757169	0.0869489	-11.501	0.749272	0.672897	-1.48611	2.47111	59.7405	21.4894	1
cg18279776	FOXK1	0.108579	0.0480761	4.18333	4.18333	0.0518543	4.0607	4.0607	0.236723	2.19292	2.19292	0.172316	2.50956	2.50956	0.103592	3.08785	3.08785	0.119328	2.91719	2.91719	0.160441	2.58504	2.58504	0.0124233	7.17556	7.17556	0.0914428	3.24553	3.24553	2.4711	15.7012	5.64794	1
cg07062437	NUDT15	0.10858	0.536393	0.836697	-1.19518	0.865571	0.952895	-1.04943	0.00648224	2.7396	2.7396	0.312766	0.742788	-1.34628	0.447953	1.24637	1.24637	0.200846	1.46923	1.46923	0.833112	1.06193	1.06193	0.9282	0.974661	-1.026	0.064704	1.80556	1.80556	2.47109	3.17387	1.14169	1
cg13852093	MBP;MBP	0.108582	0.10204	0.328859	-3.04081	0.440363	1.63068	1.63068	0.998592	0.998904	-1.0011	0.712833	0.794749	-1.25826	0.023909	0.187362	-5.33726	0.743667	0.815533	-1.22619	0.0452543	0.239922	-4.16801	0.0532304	0.255431	-3.91495	0.359977	1.79476	1.79476	2.47107	15.114	5.43678	1
cg14735364	NRF1;NRF1	0.108589	0.150951	0.617377	-1.61976	0.0248553	2.30893	2.30893	0.132747	1.66242	1.66242	0.135468	1.65564	1.65564	0.748241	1.10617	1.10617	0.135465	0.603994	-1.65565	0.64831	1.15476	1.15476	0.124428	1.68416	1.68416	0.764775	1.09859	1.09859	2.471	3.8424	1.38222	1
cg00510094	MCF2L;MCF2L	0.108589	0.898278	0.975907	-1.02469	0.430266	1.16593	1.16593	0.284467	1.23617	1.23617	0.205767	0.775281	-1.28986	0.872965	0.969947	-1.03098	0.855256	1.03543	1.03543	0.00314446	2.15923	2.15923	0.760196	1.06011	1.06011	0.936367	1.01534	1.01534	2.471	1.42305	0.511913	1
cg09843331	CBR4	0.10859	0.661498	0.945954	-1.05713	0.97465	1.00402	1.00402	0.130823	1.22844	1.22844	0.745182	0.95971	-1.04198	0.0180212	0.696039	-1.4367	0.467129	0.91091	-1.0978	0.0246767	0.713663	-1.40122	0.761557	1.03913	1.03913	0.391277	1.11714	1.11714	2.47099	0.622372	0.223886	1
cg03129653	C11orf58;C11orf58	0.108591	0.10205	0.850308	-1.17604	0.945233	1.00624	1.00624	0.0805399	0.838923	-1.19201	0.0612334	1.2106	1.2106	0.320129	1.09756	1.09756	0.609448	0.954385	-1.0478	0.184894	0.880366	-1.13589	0.0869935	1.1868	1.1868	0.477686	1.0676	1.0676	2.47098	0.321335	0.115594	1
cg13289884	CDKN1B	0.108591	0.0286602	0.164166	-6.09138	0.328824	0.493879	-2.02479	0.240485	0.423075	-2.36365	0.0534027	0.215266	-4.64541	0.0497923	0.208815	-4.78893	0.190309	0.378759	-2.6402	0.0214938	0.144675	-6.91204	0.120794	0.307982	-3.24694	0.978903	1.01868	1.01868	2.47098	19.1749	6.8978	1
cg04427462	PRKD2;PRKD2;PRKD2;PRKD2	0.108592	0.0858483	0.511892	-1.95354	0.0322572	0.412901	-2.42189	0.00910509	0.310717	-3.21837	0.27872	0.672133	-1.4878	0.108137	0.538841	-1.85584	0.570584	0.816931	-1.22409	0.255961	0.658157	-1.51939	0.0756582	0.497814	-2.00878	0.318527	0.695118	-1.4386	2.47097	4.86978	1.75182	1
cg18419079	MYO9B;MYO9B	0.108594	0.887915	0.907467	-1.10197	0.118808	0.311699	-3.20823	0.273549	0.456333	-2.19138	0.194104	0.388325	-2.57516	0.0111624	0.111928	-8.93428	0.0438981	0.203003	-4.92603	0.0312765	0.175565	-5.6959	0.905755	0.921688	-1.08497	0.575914	0.677665	-1.47565	2.47095	18.5521	6.67386	1
cg03773192	GRK5	0.108597	0.263936	0.709114	-1.41021	0.636589	0.868935	-1.15083	0.984668	1.00569	1.00569	0.408937	0.779343	-1.28313	0.639058	0.869842	-1.14963	0.039147	0.494296	-2.02308	0.0446845	1.97458	1.97458	0.953472	0.982924	-1.01737	0.0448412	1.97332	1.97332	2.47092	3.4099	1.22668	1
cg15238467	LRP1	0.108599	0.0748469	0.678181	-1.47453	0.266442	1.25436	1.25436	0.164367	1.33695	1.33695	0.122894	0.720971	-1.38702	0.144612	0.735879	-1.35892	0.11319	0.713615	-1.40132	0.125645	0.722971	-1.38318	0.770181	1.05901	1.05901	0.0933222	0.696778	-1.43518	2.4709	1.49916	0.539312	1
cg14685612	SLK	0.1086	0.256051	2.49525	2.49525	0.638409	1.44058	1.44058	0.942023	0.945448	-1.0577	0.375005	2.01827	2.01827	0.117344	3.71311	3.71311	0.414836	1.90187	1.90187	0.00837452	13.4372	13.4372	0.0279307	7.41331	7.41331	0.0711503	4.73323	4.73323	2.47089	23.2774	8.37393	1
cg14530184	DFNB31;DFNB31	0.108602	0.326688	0.77665	-1.28758	0.93243	0.979054	-1.02139	0.863103	0.957834	-1.04402	0.0111004	2.21411	2.21411	0.69161	1.10465	1.10465	0.342164	1.27674	1.27674	0.432794	0.818874	-1.22119	0.820081	1.05852	1.05852	0.0227044	1.9755	1.9755	2.47087	2.43848	0.877235	1
cg23844018	DIP2C	0.108605	0.59224	1.06752	1.06752	0.182985	0.843011	-1.18622	0.0779789	1.26706	1.26706	0.424405	1.10362	1.10362	0.122044	0.816646	-1.22452	0.0254158	1.37859	1.37859	0.308489	1.13586	1.13586	0.188582	1.18336	1.18336	0.562053	0.931602	-1.07342	2.47084	0.571594	0.205632	1
cg06762395	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.108606	0.500532	1.14744	1.14744	0.796945	1.05323	1.05323	0.710666	0.927793	-1.07783	0.94955	0.987354	-1.01281	0.308424	0.808934	-1.23619	0.0142278	0.544304	-1.83721	0.0225271	1.7325	1.7325	0.513568	0.87524	-1.14254	0.684903	0.921221	-1.08552	2.47083	1.58313	0.569536	1
cg25823085	ABCB4;ABCB4;ABCB4	0.108607	0.561036	0.800376	-1.24941	0.11601	1.91009	1.91009	0.466986	1.32367	1.32367	0.121157	1.89018	1.89018	0.0107576	0.297002	-3.36698	0.617616	0.826402	-1.21007	0.459923	0.751989	-1.32981	0.399916	0.721483	-1.38603	0.529028	1.27328	1.27328	2.47082	5.61621	2.02046	1
cg00732807	KHDC1L	0.108608	0.198823	0.789454	-1.2667	0.69697	1.07051	1.07051	0.0879926	0.720483	-1.38796	0.107583	0.736555	-1.35767	0.00693589	0.544268	-1.83733	0.743188	0.944363	-1.05891	0.925993	1.01631	1.01631	0.367053	1.17508	1.17508	0.960447	1.00867	1.00867	2.47081	1.18635	0.426798	1
cg05943563	ZC3H18	0.108609	0.308629	0.86913	-1.15058	0.309864	0.869463	-1.15014	0.723679	0.953848	-1.04839	0.481077	1.10002	1.10002	0.591028	0.930339	-1.07488	0.232787	1.18122	1.18122	0.270514	0.858375	-1.16499	0.00651014	1.6011	1.6011	0.585366	0.929293	-1.07609	2.4708	0.693361	0.249441	1
cg06786599	S100A10	0.108609	0.237904	1.20866	1.20866	0.378206	0.870582	-1.14866	0.565204	0.914734	-1.09321	0.0306312	1.47598	1.47598	0.158767	1.25973	1.25973	0.612704	1.08139	1.08139	0.505955	0.901717	-1.109	0.0472789	1.41615	1.41615	0.0454859	1.42137	1.42137	2.4708	0.919514	0.330802	1
cg25715964	CUX1;CUX1;CUX1	0.108609	0.319714	0.828831	-1.20652	0.742844	1.06195	1.06195	0.195614	0.778886	-1.28389	0.216325	0.788559	-1.26814	0.0789306	0.700333	-1.42789	0.168397	0.764918	-1.30733	0.0193271	1.67618	1.67618	0.296854	0.8208	-1.21832	0.345623	0.837494	-1.19404	2.4708	1.30449	0.469299	1
cg19925112	GHSR	0.108613	0.840194	0.895333	-1.1169	0.255558	0.522067	-1.91546	0.256046	0.522445	-1.91408	0.725213	0.824276	-1.21319	0.00946036	0.165176	-6.05414	0.0673654	0.325483	-3.07236	0.0199627	0.214823	-4.655	0.184877	0.462997	-2.15984	0.304432	0.558557	-1.79033	2.47076	11.734	4.22145	1
cg14680303	SUZ12P	0.108614	0.71917	1.34487	1.34487	0.294105	2.44243	2.44243	0.878922	1.13325	1.13325	0.0308881	0.124944	-8.00355	0.507754	0.576135	-1.7357	0.147484	0.279323	-3.58008	0.0427256	6.78161	6.78161	0.3299	2.28206	2.28206	0.198021	3.05392	3.05392	2.47075	26.3505	9.47999	1
cg18629427	GRID2	0.108614	0.801196	1.03438	1.03438	0.289263	0.862963	-1.1588	0.809812	1.03283	1.03283	0.451253	0.902272	-1.10831	0.521124	0.916552	-1.09105	0.66751	0.943743	-1.05961	0.00347695	0.5878	-1.70126	0.0861652	0.775666	-1.28921	0.153773	0.814967	-1.22704	2.47075	0.702465	0.252723	1
cg11260848	ALX4	0.108615	0.753234	0.843262	-1.18587	0.295427	1.79769	1.79769	0.126464	2.44398	2.44398	0.134255	2.39385	2.39385	0.64043	0.775466	-1.28955	0.844556	0.899325	-1.11195	0.302405	0.561306	-1.78156	0.00639006	6.80852	6.80852	0.428522	1.54791	1.54791	2.47074	11.4338	4.11348	1
cg02086952	DGKE;DGKE	0.108616	0.211126	0.899496	-1.11173	0.127055	0.875755	-1.14187	0.962832	1.00375	1.00375	0.24152	0.90614	-1.10358	0.0277909	0.811334	-1.23254	0.385702	0.931001	-1.07411	0.0138643	0.78313	-1.27693	0.0327043	0.81799	-1.22251	0.406432	0.933999	-1.07067	2.47073	0.252921	0.0909927	1
cg17120637	ADAL;ADAL;LCMT2;LCMT2	0.108616	0.845759	1.06135	1.06135	0.362011	1.33169	1.33169	0.212485	1.49401	1.49401	0.778326	0.917337	-1.09011	0.183872	1.53882	1.53882	0.974186	0.990156	-1.00994	0.00489644	0.319811	-3.12684	0.678869	0.880487	-1.13573	0.8745	1.04951	1.04951	2.47073	3.65747	1.31584	1
cg12911952	SLC22A18AS;SLC22A18;SLC22A18	0.108617	0.979409	0.99253	-1.00753	0.0869333	1.73189	1.73189	0.0417488	1.97757	1.97757	0.345312	1.32628	1.32628	0.341017	1.32983	1.32983	0.986752	0.995188	-1.00484	0.17451	1.52137	1.52137	0.0247769	0.460051	-2.17367	0.829654	1.0646	1.0646	2.47072	3.30272	1.18822	1
cg20840706	INTS6;INTS6;INTS6	0.108619	0.218457	1.19214	1.19214	0.910205	1.01544	1.01544	0.355157	1.13785	1.13785	0.205335	1.19892	1.19892	0.0799618	0.768145	-1.30184	0.615774	0.933607	-1.07111	0.17382	1.21708	1.21708	0.0168885	1.48545	1.48545	0.126575	1.25155	1.25155	2.4707	0.721327	0.259513	1
cg15804598	HEXIM1	0.10862	0.0300858	0.488648	-2.04646	0.290038	1.36106	1.36106	0.611327	1.15473	1.15473	0.679938	1.1235	1.1235	0.0331128	0.496918	-2.0124	0.464195	0.811289	-1.23261	0.913351	0.969907	-1.03103	0.618174	1.1515	1.1515	0.0428876	0.519874	-1.92354	2.47069	3.08356	1.10938	1
cg11821817	KIAA1024	0.108621	0.0205568	0.585033	-1.70931	0.231172	0.785585	-1.27294	0.581689	1.11284	1.11284	0.0235078	0.594608	-1.68178	0.502807	1.13959	1.13959	0.846417	1.03796	1.03796	0.735404	1.06735	1.06735	0.0743682	0.682491	-1.46522	0.470626	0.86847	-1.15145	2.47067	1.44467	0.519758	1
cg16222517	NDST3;NDST3	0.108622	0.142628	0.405461	-2.46633	0.445498	1.5613	1.5613	0.163233	2.3455	2.3455	0.192959	0.454181	-2.20176	?	?	?	0.696868	0.79911	-1.25139	0.219734	0.477473	-2.09436	0.136616	0.399061	-2.50588	0.0192479	0.197487	-5.06361	2.49642	11.533	4.6198	1
cg24055302	C19orf36;C19orf36	0.108624	0.329735	0.661859	-1.5109	0.724115	0.864667	-1.15651	0.430089	1.39163	1.39163	0.669726	0.838578	-1.1925	0.14625	0.527321	-1.89638	0.0226295	0.3263	-3.06467	0.00858744	0.25274	-3.95664	0.916671	0.957967	-1.04388	0.353956	0.67617	-1.47892	2.47065	6.58778	2.37015	1
cg10766546	RTN1	0.108626	0.12541	0.891445	-1.12177	0.401653	0.942261	-1.06128	0.538153	1.04413	1.04413	0.00381692	0.76318	-1.31031	0.279122	0.924999	-1.08108	0.232417	0.916893	-1.09064	0.137041	0.894967	-1.11736	0.859865	0.987831	-1.01232	0.374122	0.938748	-1.06525	2.47063	0.187835	0.0675797	1
cg08351710	KDM2A;KDM2A	0.108626	0.388304	0.734032	-1.36234	0.0313765	0.413568	-2.41798	0.764285	1.11089	1.11089	0.207874	0.628521	-1.59104	0.0174789	0.363636	-2.75	0.116786	0.551067	-1.81466	0.0341122	0.421172	-2.37433	0.761658	0.899082	-1.11225	0.177401	0.60574	-1.65087	2.47063	4.78526	1.72165	1
cg16685832	ST3GAL4	0.108628	0.313206	0.743129	-1.34566	0.142293	1.56665	1.56665	0.317678	1.34174	1.34174	0.433925	1.25514	1.25514	0.037023	0.501951	-1.99223	0.857889	0.950266	-1.05234	0.0332593	2.03043	2.03043	0.777711	0.922607	-1.08388	0.184259	1.4931	1.4931	2.47061	3.16959	1.14037	1
cg02542951	KLHDC5	0.108628	0.155354	0.575121	-1.73877	0.96807	1.01467	1.01467	0.486812	1.29312	1.29312	0.319513	0.687792	-1.45393	0.019944	0.359865	-2.77882	0.0789637	0.491795	-2.03337	0.0522141	0.447813	-2.23308	0.45801	1.31646	1.31646	0.107203	0.527431	-1.89598	2.47061	5.1794	1.86347	1
cg07093825	GALNTL1;GALNTL1	0.108628	0.564808	1.22626	1.22626	0.0183326	2.72696	2.72696	0.0453585	2.2356	2.2356	0.407772	1.34549	1.34549	0.0158335	2.81751	2.81751	0.279778	1.48258	1.48258	0.500036	1.27116	1.27116	0.0604422	2.10017	2.10017	0.426044	1.32957	1.32957	2.47061	4.80599	1.72913	1
cg10490888	BRSK2	0.108629	0.247326	1.38342	1.38342	0.00419186	2.79886	2.79886	0.0426692	1.87037	1.87037	0.946847	1.01805	1.01805	0.758972	1.08608	1.08608	0.604601	1.15046	1.15046	0.156623	1.50163	1.50163	0.391833	1.26541	1.26541	0.958852	0.986251	-1.01394	2.4706	2.81716	1.01357	1
cg25682988	PPIG	0.108629	0.467616	0.797903	-1.25329	0.153529	0.627009	-1.59487	0.266739	0.702255	-1.42398	0.917985	0.969027	-1.03196	0.442965	1.26991	1.26991	0.321999	0.7316	-1.36687	0.0214912	2.32493	2.32493	0.0472015	2.00103	2.00103	0.582081	1.18505	1.18505	2.4706	3.6511	1.31362	1
cg04303139	SGCE;PEG10;SGCE;PEG10;SGCE	0.108629	0.145007	1.20334	1.20334	0.314419	0.884235	-1.13092	0.363641	0.895468	-1.11673	0.18789	0.847866	-1.17943	0.393254	1.10896	1.10896	0.156928	1.19606	1.19606	0.0156878	1.41941	1.41941	0.332567	0.888508	-1.12548	0.835793	1.02485	1.02485	2.4706	0.547251	0.196894	1
cg19003646	FAM131A;FAM131A	0.108632	0.392368	0.757637	-1.31989	0.383943	0.753691	-1.3268	0.508452	0.808577	-1.23674	0.26324	0.691129	-1.44691	0.459106	0.7876	-1.26968	0.00230548	0.259517	-3.85331	0.502946	0.806276	-1.24027	0.485504	1.25168	1.25168	0.850866	0.942125	-1.06143	2.47057	3.92565	1.41241	1
cg04844391	AIDA;C1orf58;AIDA	0.108635	0.844103	0.947454	-1.05546	0.155367	1.51714	1.51714	0.68834	1.11688	1.11688	0.00600655	0.373706	-2.6759	0.157322	0.660607	-1.51376	0.266129	0.727843	-1.37392	0.235919	0.7114	-1.40568	0.935583	1.02241	1.02241	0.97586	1.00833	1.00833	2.47054	2.94096	1.05814	1
cg21817720	CTNS;SHPK;CTNS	0.108638	0.628293	1.13256	1.13256	0.00872581	0.426304	-2.34574	0.154806	0.67805	-1.47482	0.285843	1.32687	1.32687	0.359048	0.786134	-1.27205	0.403743	1.24359	1.24359	0.872911	0.959977	-1.04169	0.820673	1.05964	1.05964	0.0840528	0.614012	-1.62863	2.47051	2.54733	0.916526	1
cg07422880	LASS2;LASS2	0.108638	0.0305753	0.452902	-2.20799	0.235911	1.47284	1.47284	0.172981	1.57152	1.57152	0.697752	1.12936	1.12936	0.031649	0.455952	-2.19321	0.882857	0.955078	-1.04703	0.165056	0.630249	-1.58667	0.608806	1.17458	1.17458	0.476497	0.797983	-1.25316	2.47051	3.80218	1.36802	1
cg20585841	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.108642	0.237566	0.533436	-1.87464	0.00533276	0.154995	-6.45181	0.0856808	0.38107	-2.62419	0.77597	0.8651	-1.15594	0.509774	1.40441	1.40441	0.589579	0.758353	-1.31865	0.11762	0.421827	-2.37064	0.664233	1.24835	1.24835	0.325262	0.596959	-1.67516	2.47047	10.0932	3.63158	1
cg13855384	DULLARD;DULLARD	0.108642	0.0232494	0.238709	-4.18919	0.310025	0.5742	-1.74155	0.370408	0.615228	-1.62541	0.230388	0.51452	-1.94356	0.0543389	0.315659	-3.16797	0.0872758	0.368957	-2.71034	0.0283665	0.254959	-3.9222	0.728484	1.20207	1.20207	0.070948	0.344565	-2.90221	2.47047	10.9129	3.92651	1
cg01323634	CCDC112;CCDC112;CCDC112	0.108644	0.00372797	0.304912	-3.27964	0.818241	1.07229	1.07229	0.381696	0.761825	-1.31264	0.347082	1.34121	1.34121	0.539719	0.828407	-1.20714	0.594939	1.1767	1.1767	0.612804	1.16735	1.16735	0.885624	0.957297	-1.04461	0.330999	1.35545	1.35545	2.47045	3.59719	1.2943	1
cg22331138	SGCE;PEG10;SGCE;PEG10;SGCE	0.108644	0.264252	1.17972	1.17972	0.20357	1.20998	1.20998	0.175367	1.22714	1.22714	0.847703	0.973061	-1.02768	0.710745	1.05433	1.05433	0.0624538	1.34693	1.34693	0.00373302	1.74409	1.74409	0.735996	1.04924	1.04924	0.518844	1.09734	1.09734	2.47045	0.789315	0.284003	1
cg13012916	SFTA3	0.108645	0.341937	0.468357	-2.13512	0.633931	1.45008	1.45008	0.0228113	8.25185	8.25185	0.529017	0.610165	-1.6389	0.291725	0.428508	-2.33368	0.188671	0.339985	-2.94131	0.492706	1.71549	1.71549	0.0320057	7.00204	7.00204	0.587922	1.52774	1.52774	2.47044	23.478	8.44763	1
cg05818824	SCN4A	0.108646	0.0828209	0.256537	-3.89807	0.379678	0.528188	-1.89326	0.752052	0.798922	-1.25169	0.137401	0.321995	-3.10563	0.0751658	0.245752	-4.06914	0.106264	0.286684	-3.48816	0.0260232	0.153954	-6.49543	0.0136929	0.115404	-8.66522	0.241844	0.419928	-2.38136	2.47043	19.6283	7.0625	1
cg19243842	PRDM16;PRDM16	0.108651	0.689761	0.873058	-1.1454	0.108142	1.80946	1.80946	0.319297	0.705955	-1.41652	0.264296	1.48239	1.48239	0.741058	0.89387	-1.11873	0.0546787	2.09046	2.09046	0.261703	1.48584	1.48584	0.47525	1.27844	1.27844	0.0276687	0.414461	-2.41277	2.47038	4.47841	1.61142	1
cg20346096	C18orf22	0.108654	0.00816491	0.218904	-4.5682	0.454223	1.40788	1.40788	0.968915	0.982666	-1.01764	0.800886	0.892794	-1.12008	0.424256	1.44224	1.44224	0.130365	2.08154	2.08154	0.0932167	0.436646	-2.29019	0.858881	0.923244	-1.08314	0.49709	0.733901	-1.36258	2.47035	7.87828	2.83478	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22837512	ATM;NPAT	0.108654	0.957624	0.974445	-1.02622	0.57876	1.3142	1.3142	0.863981	1.08712	1.08712	0.305513	1.67684	1.67684	0.023548	0.267786	-3.73433	0.00893277	0.197813	-5.05528	0.51345	0.724073	-1.38108	0.854909	0.914683	-1.09327	0.89468	0.937509	-1.06666	2.47035	9.28628	3.34142	1
cg25350011	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.108656	0.914978	0.929292	-1.07609	0.0587485	0.230851	-4.3318	0.0633661	0.238431	-4.19409	0.847935	0.876498	-1.1409	0.426776	0.572809	-1.74578	0.147423	0.343897	-2.90785	0.163567	0.360246	-2.77588	0.173456	0.369901	-2.70343	0.0412054	5.0392	5.0392	2.47033	18.4479	6.63803	1
cg12800939	C3orf17;C3orf17;C3orf17	0.108658	0.327673	0.56126	-1.78171	0.986229	0.990183	-1.00991	0.247761	0.501202	-1.9952	0.0362975	0.248733	-4.02037	0.090168	0.343859	-2.90817	0.026832	0.223323	-4.47783	0.146058	0.409824	-2.44007	0.387974	1.6583	1.6583	0.0524683	0.283504	-3.52729	2.47031	12.7843	4.60016	1
cg27244734	ZNF33A;ZNF33A	0.108658	0.0671205	1.40989	1.40989	0.113717	1.33388	1.33388	0.469203	1.13119	1.13119	0.774767	1.0492	1.0492	0.259012	0.821082	-1.21791	0.0187701	0.620843	-1.61071	0.308405	0.838214	-1.19301	0.99739	1.00055	1.00055	0.532019	1.11178	1.11178	2.47031	1.09639	0.394512	1
cg05331791	ZBTB46	0.10866	0.80094	1.09758	1.09758	0.0117628	3.18876	3.18876	0.0157196	2.97713	2.97713	0.768173	1.11509	1.11509	0.968664	0.985627	-1.01458	0.909495	0.958958	-1.0428	0.0923452	1.97923	1.97923	0.674099	0.855668	-1.16868	0.825593	1.08473	1.08473	2.47029	5.31367	1.91203	1
cg05786361	WDR27	0.108663	0.0296463	0.207444	-4.82058	0.0327248	0.215449	-4.64146	0.116485	0.350677	-2.85163	0.23664	0.46683	-2.14211	0.0289623	0.205593	-4.86397	0.109646	0.342492	-2.91978	0.214077	0.447685	-2.23371	0.666149	1.30561	1.30561	0.227566	0.45923	-2.17756	2.47026	14.7669	5.31367	1
cg24882220	FAM49B	0.108663	0.219414	0.814434	-1.22785	0.214356	0.812394	-1.23093	0.224758	0.816551	-1.22466	0.25533	0.827996	-1.20773	0.1662	0.790846	-1.26447	0.254516	0.827705	-1.20816	0.0140562	1.61911	1.61911	0.486214	1.11902	1.11902	0.958839	0.991831	-1.00824	2.47026	0.988302	0.355627	1
cg13302559	CCDC93	0.108665	0.0694134	1.45285	1.45285	0.0261677	1.62447	1.62447	0.883986	1.02722	1.02722	0.222022	0.789757	-1.26621	0.423491	0.860419	-1.16222	0.103817	0.721009	-1.38695	0.993094	1.00159	1.00159	0.186238	0.772819	-1.29396	0.585675	0.903727	-1.10653	2.47024	1.32315	0.47612	1
cg26386464	LSM1;LSM1;BAG4	0.108665	0.315893	0.82621	-1.21035	0.621915	0.91255	-1.09583	0.587721	1.10603	1.10603	0.826043	1.04136	1.04136	0.148876	0.752004	-1.32978	0.0202619	0.597303	-1.67419	0.0264581	0.616042	-1.62327	0.191251	1.29013	1.29013	0.760654	1.05786	1.05786	2.47024	1.32604	0.477161	1
cg12039505	JARID2	0.108667	0.287696	0.510131	-1.96028	0.163801	0.404124	-2.47449	0.844613	0.887229	-1.1271	0.932854	1.05273	1.05273	0.928274	1.05643	1.05643	0.214387	2.21896	2.21896	0.0202009	5.51761	5.51761	0.0482286	0.252462	-3.96099	0.37743	0.57566	-1.73714	2.47022	14.5458	5.2342	1
cg14533999	ADAMTS2	0.108668	0.960393	0.968818	-1.03219	0.0476395	4.24145	4.24145	0.962265	1.03064	1.03064	0.276195	2.05965	2.05965	0.262099	0.47429	-2.10841	0.0124683	0.137626	-7.26606	0.586992	0.704778	-1.41889	0.708436	0.786918	-1.27078	0.256921	0.470109	-2.12717	2.47021	15.9197	5.7286	1
cg09663530	MGA;MGA	0.108669	0.216177	1.43925	1.43925	0.0601959	1.8095	1.8095	0.080134	1.72143	1.72143	0.798705	1.07411	1.07411	0.890158	0.962079	-1.03942	0.893408	0.963188	-1.03822	0.0341825	0.500863	-1.99655	0.671122	1.12692	1.12692	0.0726649	1.75112	1.75112	2.4702	3.06213	1.10189	1
cg01099448	SPAG16;SPAG16	0.10867	0.220511	0.671808	-1.48852	0.0123133	0.3819	-2.61849	0.0204974	0.422246	-2.36829	0.867744	0.949833	-1.05282	0.873186	0.951868	-1.05057	0.459685	1.26172	1.26172	0.696443	0.885968	-1.12871	0.294725	0.714912	-1.39877	0.0976844	0.570548	-1.7527	2.47019	3.73102	1.3426	1
cg17709975	CPSF3L	0.108672	0.969533	1.01149	1.01149	0.0480512	0.50868	-1.96587	0.322119	0.736426	-1.35791	0.471573	0.803282	-1.24489	0.00564782	0.337447	-2.96342	0.0493951	0.511293	-1.95583	0.58834	0.849203	-1.17757	0.683135	0.884476	-1.13061	0.935566	0.976105	-1.02448	2.47017	3.50035	1.2596	1
cg01242123	TMEM175	0.108676	0.218565	0.664224	-1.50552	0.416927	0.76929	-1.2999	0.259541	0.689452	-1.45043	0.998614	0.999451	-1.00055	0.00681992	0.33018	-3.02865	0.0233296	0.424485	-2.3558	0.432928	0.776462	-1.28789	0.241836	0.678882	-1.47301	0.106038	0.572291	-1.74736	2.47013	3.91037	1.40717	1
cg04990056	STX12	0.108677	0.623909	1.16049	1.16049	0.115844	1.67325	1.67325	0.414169	1.28584	1.28584	0.330564	1.35308	1.35308	0.289081	0.717892	-1.39297	0.998271	1.00065	1.00065	0.00623795	0.341764	-2.926	0.924377	1.02901	1.02901	0.877447	0.954587	-1.04757	2.47012	3.54867	1.27701	1
cg24114371	TMPRSS9	0.108677	0.160124	0.649489	-1.53967	0.389879	0.776173	-1.28837	0.062576	0.547356	-1.82696	0.909982	0.967999	-1.03306	0.0260165	0.467791	-2.13771	0.0725375	0.562032	-1.77926	0.0331499	0.488604	-2.04665	0.0729334	0.562581	-1.77752	0.0781227	0.569568	-1.75572	2.47012	3.23522	1.16422	1
cg03122735	TRIM68	0.108678	0.367058	0.761024	-1.31402	0.444977	0.794943	-1.25795	0.565799	0.842751	-1.18659	0.418013	1.27623	1.27623	0.699322	1.12118	1.12118	0.35384	0.75492	-1.32464	0.00348014	0.310785	-3.21766	0.119379	0.607693	-1.64557	0.4148	0.782178	-1.27848	2.47011	3.39809	1.22283	1
cg17173732	BCL2;BCL2	0.108679	0.133268	1.19791	1.19791	0.537649	0.932781	-1.07206	0.268333	0.879372	-1.13717	0.0739325	0.800857	-1.24866	0.344869	1.11458	1.11458	0.0473648	0.77651	-1.28781	0.199407	0.859703	-1.16319	0.375726	1.10667	1.10667	0.176608	1.1737	1.1737	2.4701	0.486315	0.175005	1
cg10806140	SFRP4	0.108682	0.564981	1.09238	1.09238	0.684911	0.93992	-1.06392	0.383925	0.873192	-1.14522	0.373942	0.870559	-1.14869	0.131423	1.28063	1.28063	0.0695055	1.3612	1.3612	0.0271572	0.672212	-1.48763	0.120485	0.774301	-1.29149	0.549781	1.09627	1.09627	2.47007	0.902469	0.324765	1
cg25273799	PDCD11	0.108686	0.550236	0.81803	-1.22245	0.0121349	0.353835	-2.82618	0.0166261	0.378393	-2.64276	0.272082	0.683936	-1.46213	0.87321	0.948314	-1.0545	0.229686	0.657825	-1.52016	0.644435	0.856906	-1.16699	0.463506	1.2814	1.2814	0.135617	0.585988	-1.70652	2.47003	4.31973	1.55454	1
cg25443836	WNT8A	0.108686	0.147098	0.45831	-2.18193	0.451313	0.680563	-1.46937	0.0228206	0.255115	-3.9198	0.241422	0.540698	-1.84946	0.0143552	0.220127	-4.54284	0.137874	0.448798	-2.22817	0.108973	0.416223	-2.40256	0.0524018	0.330825	-3.02275	0.194071	0.502095	-1.99165	2.47003	9.83677	3.53996	1
cg19190714	GMPR	0.108691	0.936207	1.01317	1.01317	0.174649	1.26607	1.26607	0.0799561	1.37364	1.37364	0.807574	0.960912	-1.04068	0.128701	1.30774	1.30774	0.73248	1.05767	1.05767	0.0128829	0.603769	-1.65626	0.860587	0.971684	-1.02914	0.340254	1.17421	1.17421	2.46998	1.04448	0.375882	1
cg00528016	RP1L1	0.108696	0.147075	0.376656	-2.65494	0.814542	0.862902	-1.15888	0.108466	0.333286	-3.00043	0.913955	1.07018	1.07018	0.00548692	0.101133	-9.88795	0.329268	0.531623	-1.88103	0.450398	0.617178	-1.62028	0.0478285	0.241751	-4.13648	0.20004	0.427637	-2.33843	2.46993	15.404	5.54365	1
cg02773050	DDX26B	0.108697	0.00757273	0.04224	-23.6742	0.168964	0.259234	-3.85752	0.439369	0.483609	-2.06779	0.614806	1.59585	1.59585	0.303422	0.374598	-2.66953	0.258052	0.337179	-2.96579	0.812576	0.803484	-1.24458	0.0987193	5.30017	5.30017	0.990773	1.01071	1.01071	2.46992	33.1931	11.9457	1
cg06764241	FARP1	0.108698	0.0480672	0.710164	-1.40813	0.502687	1.10853	1.10853	0.840194	0.96988	-1.03105	0.217566	0.82161	-1.21712	0.54807	1.09644	1.09644	0.896937	1.01982	1.01982	0.140789	1.27121	1.27121	0.0154479	0.637572	-1.56845	0.56983	1.09089	1.09089	2.46991	0.897526	0.323008	1
cg14506686	ABCA13	0.1087	0.577035	0.951175	-1.05133	0.00866021	1.34624	1.34624	0.0967459	1.17584	1.17584	0.0666028	1.2005	1.2005	0.40881	1.07794	1.07794	0.449719	1.07083	1.07083	0.0957939	1.17649	1.17649	0.991045	0.999003	-1.001	0.642028	0.959261	-1.04247	2.46989	0.308765	0.111122	1
cg19498110	IL17RA	0.108704	0.61938	0.926249	-1.07962	0.43061	0.884193	-1.13097	0.0300009	0.676675	-1.47781	0.544752	1.09832	1.09832	0.555519	1.09552	1.09552	0.328208	1.16696	1.16696	0.0140496	1.59027	1.59027	0.590631	0.920275	-1.08663	0.626545	1.07791	1.07791	2.46985	0.915639	0.329535	1
cg14503165	SMG6;SMG6	0.108706	0.649908	1.09348	1.09348	0.115699	0.715763	-1.39711	0.0187192	0.572806	-1.74579	0.643906	1.0953	1.0953	0.687335	0.923925	-1.08234	0.283669	0.804263	-1.24337	0.0476822	1.55716	1.55716	0.27002	0.798823	-1.25184	0.37247	0.836052	-1.1961	2.46983	1.49602	0.538417	1
cg00221185	KIAA1949;KIAA1949	0.108707	0.0710515	0.316856	-3.15601	0.487412	0.668909	-1.49497	0.46823	0.656631	-1.52292	0.0306976	0.235337	-4.24923	0.0767852	0.325725	-3.07008	0.609909	0.745824	-1.3408	0.0110517	0.162611	-6.14966	0.107319	0.367232	-2.72307	0.1635	0.428465	-2.33392	2.46982	12.7059	4.57285	1
cg03972076	PLCB3	0.108707	0.104363	0.344207	-2.90523	0.0199994	0.185172	-5.40038	0.191614	0.435845	-2.29439	0.874264	1.09981	1.09981	0.587291	0.719489	-1.38988	0.0734399	0.301488	-3.31688	0.018083	0.178211	-5.61132	0.296627	0.522012	-1.91567	0.105507	0.345636	-2.89322	2.46982	14.1161	5.0804	1
cg02601685	SCPEP1	0.108708	0.079671	0.7792	-1.28337	0.24402	0.855269	-1.16922	0.249875	0.857065	-1.16677	0.198137	0.839914	-1.1906	0.322392	0.877117	-1.1401	0.442476	0.904435	-1.10566	0.00352519	0.602026	-1.66106	0.19058	0.837125	-1.19456	0.894972	1.01709	1.01709	2.46981	0.643551	0.231615	1
cg17875320	EPS8L3;EPS8L3;EPS8L3	0.108709	0.165689	0.732271	-1.36561	0.021609	0.559106	-1.78857	0.0114039	0.513017	-1.94925	0.888347	0.970826	-1.03005	0.752519	0.935501	-1.06895	0.37497	0.825366	-1.21158	0.395873	1.20113	1.20113	0.140374	0.715829	-1.39698	0.446694	0.849188	-1.1776	2.4698	1.73771	0.625408	1
cg10094691	DSCAM	0.108711	0.0467516	0.20195	-4.95173	0.0216635	0.144119	-6.93871	0.0838569	0.26076	-3.83494	0.97561	1.02171	1.02171	0.0347726	0.17746	-5.63507	0.274678	0.449967	-2.22238	0.114897	0.299818	-3.33536	0.126545	0.313079	-3.19408	0.126094	0.312577	-3.19921	2.46978	19.3112	6.95023	1
cg20041446	VSX1	0.108713	0.714368	0.645284	-1.5497	0.0208222	27.5303	27.5303	0.480069	2.35259	2.35259	0.167262	5.7804	5.7804	0.137506	6.72691	6.72691	0.070467	11.1266	11.1266	0.0856854	9.61855	9.61855	0.0835256	9.8037	9.8037	0.0357911	18.3777	18.3777	2.46977	55.5526	19.9938	1
cg10196802	GGCT	0.108714	0.104712	0.696949	-1.43483	0.111566	1.42314	1.42314	0.905206	0.976036	-1.02455	0.305544	0.805725	-1.24112	0.399388	1.19203	1.19203	0.641862	0.90904	-1.10006	0.0599126	0.649082	-1.54064	0.324609	1.23012	1.23012	0.0498079	1.57705	1.57705	2.46975	1.62153	0.583606	1
cg03327403	KRT8	0.108714	0.863248	1.036	1.036	0.769925	0.94161	-1.06201	0.137249	0.720098	-1.3887	0.087469	0.679075	-1.47259	0.0464715	0.626357	-1.59653	0.284766	0.796171	-1.25601	0.194627	0.754676	-1.32507	0.049322	1.58447	1.58447	0.399196	1.1937	1.1937	2.46975	1.64616	0.592469	1
cg13167631	SLC8A1	0.108714	0.212944	0.402314	-2.48562	0.0153407	7.8908	7.8908	0.960581	0.966274	-1.0349	0.205345	0.39554	-2.52819	0.14127	0.333479	-2.99869	0.314647	2.05811	2.05811	0.991821	0.99291	-1.00714	0.122659	0.313134	-3.19352	0.522006	0.637334	-1.56903	2.46975	18.8476	6.78346	1
cg24079381	HRNBP3	0.108715	0.0462455	0.17198	-5.81462	0.787745	0.812176	-1.23126	0.908499	0.915182	-1.09268	0.520713	0.605402	-1.6518	0.0355407	0.151599	-6.59634	0.273466	0.415379	-2.40744	0.0083808	0.0745354	-13.4164	0.749671	0.781312	-1.2799	0.133327	0.286985	-3.4845	2.46974	23.2458	8.36641	1
cg14135783	SNX8	0.108716	0.11311	0.530523	-1.88493	0.212133	0.616839	-1.62117	0.17193	0.585927	-1.7067	0.237787	0.634696	-1.57556	0.01041	0.30547	-3.27365	0.342743	0.698143	-1.43237	0.180846	1.68591	1.68591	0.963358	0.983254	-1.01703	0.115806	0.533451	-1.87459	2.46973	5.28599	1.9025	1
cg13833831	MATK	0.108718	0.379847	0.773059	-1.29356	0.199706	1.47272	1.47272	0.385107	1.28972	1.28972	0.0340293	2.0278	2.0278	0.274053	0.722382	-1.38431	0.0777751	1.75078	1.75078	0.266492	0.718347	-1.39209	0.115713	0.613509	-1.62997	0.984853	0.994591	-1.00544	2.46971	3.19333	1.14933	1
cg04908625	ADCY5	0.108719	0.0409327	6.07584	6.07584	0.0363636	6.42757	6.42757	0.12142	3.61175	3.61175	0.156206	3.19012	3.19012	0.328192	2.16372	2.16372	0.068926	4.74302	4.74302	0.0327029	6.76068	6.76068	0.0696922	4.7181	4.7181	0.0862035	4.26217	4.26217	2.4697	22.8766	8.23368	1
cg19922137	SYT14;SYT14;SYT14;SYT14;SYT14;SYT14;SYT14;SYT14;SYT14;SYT14	0.10872	0.538812	0.810775	-1.23339	0.734885	0.891746	-1.1214	0.260002	1.48597	1.48597	0.885404	1.04981	1.04981	0.113611	1.7866	1.7866	0.0201475	0.388769	-2.57222	0.0305991	0.424704	-2.35458	0.91995	1.03447	1.03447	0.78929	1.09449	1.09449	2.46969	4.44459	1.59969	1
cg03902391	ZNF778	0.10872	0.864055	0.962017	-1.03948	0.494645	0.854955	-1.16965	0.782623	1.06449	1.06449	0.281443	0.776508	-1.28782	0.117792	0.68126	-1.46787	0.00524397	0.435162	-2.29799	0.156693	1.40819	1.40819	0.794355	0.942681	-1.0608	0.956961	1.01227	1.01227	2.46969	1.99718	0.718825	1
cg25850181	SNED1	0.108725	0.612263	0.777473	-1.28622	0.870581	0.922843	-1.08361	0.853696	1.09517	1.09517	0.686747	1.22097	1.22097	0.00290102	0.133183	-7.50847	0.723447	0.839485	-1.19121	0.164273	0.481514	-2.07678	0.412795	1.51036	1.51036	0.989372	1.00658	1.00658	2.46964	9.48571	3.41415	1
cg17344040	EHD1	0.108725	0.28924	0.453689	-2.20415	0.220658	2.52211	2.52211	0.503192	1.62926	1.62926	0.0751708	0.24086	-4.15178	0.0168106	0.122937	-8.13424	0.114431	0.291256	-3.4334	0.991803	1.00741	1.00741	0.904768	1.08979	1.08979	0.107585	0.283178	-3.53134	2.46964	20.1891	7.26661	1
cg22433759	C17orf54	0.108726	0.192675	0.48467	-2.06326	0.00735558	0.162879	-6.13951	0.0302843	0.262386	-3.81118	0.0869945	0.370518	-2.69892	0.415438	0.645798	-1.54847	0.226219	0.512971	-1.94943	0.153132	0.447694	-2.23367	0.998736	1.00083	1.00083	0.346678	0.601057	-1.66373	2.46963	10.7938	3.88498	1
cg23362516	PKP4;PKP4	0.108727	0.335221	0.801955	-1.24695	0.0130725	0.50475	-1.98118	0.625079	0.896393	-1.11558	0.520562	1.15562	1.15562	0.547671	1.14468	1.14468	0.460551	1.18158	1.18158	0.0491846	1.6465	1.6465	0.288369	1.27735	1.27735	0.444477	1.18902	1.18902	2.46962	1.9292	0.694374	1
cg20076516	LOC400931	0.108728	0.185366	1.55218	1.55218	0.0514484	2.00196	2.00196	0.0296627	2.22855	2.22855	0.253888	1.45207	1.45207	0.391384	0.759642	-1.31641	0.617733	0.854271	-1.17059	0.0918832	0.55939	-1.78766	0.829825	0.934841	-1.0697	0.425731	1.28997	1.28997	2.46961	3.83301	1.37962	1
cg00269140	GRM3	0.10873	0.173128	0.344671	-2.90132	0.00443479	0.0614218	-16.2809	0.0858364	0.24784	-4.03487	0.40462	0.534405	-1.87124	0.721563	0.768785	-1.30075	0.257332	0.419519	-2.38368	0.735768	1.2826	1.2826	0.806017	1.19817	1.19817	0.633563	1.4232	1.4232	2.46959	21.1191	7.60147	1
cg24704123	APCDD1	0.108738	0.929784	1.00923	1.00923	0.282913	0.890141	-1.12342	0.349578	0.904444	-1.10565	0.271861	1.12671	1.12671	0.0591375	0.800713	-1.24889	0.103232	1.2043	1.2043	0.0162343	0.735926	-1.35883	0.709588	0.961733	-1.03979	0.774173	0.97044	-1.03046	2.46951	0.425508	0.15316	1
cg15495741	ODZ4	0.108738	0.689218	0.921918	-1.0847	0.113995	0.706293	-1.41584	0.0109388	0.524197	-1.90768	0.823404	0.955803	-1.04624	0.129208	0.717806	-1.39313	0.468572	0.861448	-1.16084	0.160483	1.3542	1.3542	0.30967	0.808469	-1.23691	0.0806801	0.675857	-1.4796	2.46951	1.59966	0.575789	1
cg11993118	NFATC2;NFATC2;NFATC2	0.108743	0.0260886	17.4977	17.4977	0.127111	5.98109	5.98109	0.142285	5.52898	5.52898	0.112021	6.52697	6.52697	0.189337	4.5143	4.5143	0.949518	0.933665	-1.07105	0.0107613	32.2551	32.2551	0.199369	4.34893	4.34893	0.795681	1.32486	1.32486	2.46946	45.9618	16.544	1
cg14700504	ZNF365;ZNF365;ZNF365	0.108743	0.656068	0.798247	-1.25274	0.693381	0.819377	-1.22044	0.220515	0.523332	-1.91083	0.277818	1.76358	1.76358	0.864753	0.917868	-1.08948	0.931959	1.04386	1.04386	0.644344	0.791607	-1.26325	0.00479228	6.56661	6.56661	0.18793	2.01671	2.01671	2.46946	9.88435	3.5579	1
cg01136232	TMEM57	0.108744	0.0151823	1.49065	1.49065	0.53334	1.08812	1.08812	0.304989	0.867462	-1.15279	0.295595	1.15624	1.15624	0.103325	1.26932	1.26932	0.0912761	1.28267	1.28267	0.147106	0.812	-1.23153	0.981665	0.996929	-1.00308	0.913113	1.01472	1.01472	2.46945	0.700713	0.252225	1
cg01002341	TGFBR3;TGFBR3	0.108747	0.714347	0.915189	-1.09267	0.44878	1.20453	1.20453	0.124604	1.49307	1.49307	0.0438183	0.57202	-1.74819	0.842311	1.04919	1.04919	0.0250776	0.525997	-1.90115	0.154475	1.44403	1.44403	0.724034	1.08922	1.08922	0.5641	1.15093	1.15093	2.46943	2.27305	0.818201	1
cg09356083	PLCH2	0.108747	0.0562435	0.297793	-3.35803	0.933499	1.04787	1.04787	0.728964	0.822918	-1.21519	0.418489	0.629264	-1.58916	0.0640855	0.311646	-3.20877	0.163295	0.434447	-2.30177	0.014287	0.183989	-5.43511	0.0554192	0.296267	-3.37533	0.0818371	0.339455	-2.9459	2.46942	12.2779	4.41955	1
cg14019464	TRIB3	0.108752	0.222704	0.49333	-2.02704	0.0478086	0.287132	-3.48271	0.105704	0.377372	-2.64991	0.336638	0.5791	-1.72682	0.00555759	0.134166	-7.45347	0.2744	0.534131	-1.8722	0.136363	0.412739	-2.42284	0.482629	0.674708	-1.48212	0.877585	1.08871	1.08871	2.46937	11.8919	4.28068	1
cg06551540	ANO6;ANO6;ANO6	0.108755	0.55004	0.921555	-1.08512	0.38988	0.887786	-1.1264	0.592155	1.07578	1.07578	0.0393384	0.724665	-1.37995	0.0186917	0.68044	-1.46964	0.207926	0.835803	-1.19645	0.135409	0.804609	-1.24284	0.379519	1.12951	1.12951	0.0661099	0.756936	-1.32112	2.46935	0.713664	0.256897	1
cg19197212	C2CD4B;C2CD4B	0.108758	0.0858601	4.25651	4.25651	0.0317995	6.8222	6.8222	0.194167	2.85235	2.85235	0.142627	3.32833	3.32833	0.0464576	5.69899	5.69899	0.782849	1.23468	1.23468	0.0724086	4.61702	4.61702	0.15275	3.2174	3.2174	0.0231503	7.93917	7.93917	2.46931	22.771	8.19695	1
cg15402075	NACA;NACA;NACA;NACA;NACA;NACA	0.108758	0.503585	0.808456	-1.23693	0.474753	1.25571	1.25571	0.421495	1.29334	1.29334	0.696217	1.13078	1.13078	0.650484	0.866853	-1.1536	0.345872	0.737786	-1.35541	0.00380415	0.294446	-3.39621	0.454421	1.26959	1.26959	0.530525	1.22022	1.22022	2.46931	3.83768	1.38147	1
cg16182302	VOPP1	0.10876	0.14943	1.33321	1.33321	0.275036	1.23528	1.23528	0.29851	0.818323	-1.22201	0.116907	1.37289	1.37289	0.0874454	1.42055	1.42055	0.0630452	1.47558	1.47558	0.0283804	1.61837	1.61837	0.78431	0.950234	-1.05237	0.431813	0.861336	-1.16099	2.4693	1.35383	0.487345	1
cg27230067	AK5;AK5	0.10876	0.0252378	3.31881	3.31881	0.784834	1.13131	1.13131	0.19996	0.543133	-1.84117	0.204652	1.82831	1.82831	0.271704	0.597007	-1.67502	0.70908	1.18407	1.18407	0.558541	1.30566	1.30566	0.0350574	3.02548	3.02548	0.12242	2.12689	2.12689	2.46929	7.94828	2.8612	1
cg14169799	KIFC1	0.108763	0.346676	0.853746	-1.17131	0.0176298	0.624306	-1.60178	0.774862	0.954286	-1.0479	0.236124	0.81663	-1.22454	0.96359	0.992579	-1.00748	0.511966	1.11463	1.11463	0.0211005	1.57233	1.57233	0.882008	0.976057	-1.02453	0.875554	0.974752	-1.0259	2.46926	1.04122	0.374818	1
cg16419441	DPYS	0.108764	0.0929306	13.339	13.339	0.559979	2.28425	2.28425	0.0845664	14.4931	14.4931	0.994843	0.990983	-1.0091	0.285678	0.211392	-4.73056	0.400846	0.29964	-3.33734	0.620058	0.496381	-2.01458	0.0223826	46.2923	46.2923	0.0693656	17.2389	17.2389	2.46925	76.8131	27.6514	1
cg02472414	CEP70	0.108765	0.838056	1.06469	1.06469	0.663429	1.14352	1.14352	0.43508	0.783553	-1.27624	0.556177	0.833337	-1.2	0.0202703	0.424324	-2.35669	0.83036	0.9364	-1.06792	0.0196277	2.37143	2.37143	0.278375	1.41231	1.41231	0.493593	0.808202	-1.23731	2.46925	3.66871	1.32068	1
cg23926649	CPNE9	0.108765	0.0829198	0.655414	-1.52575	0.738878	1.07639	1.07639	0.0425132	1.67191	1.67191	0.0615226	0.629108	-1.58955	0.759389	0.934637	-1.06993	0.139854	0.705012	-1.41842	0.364129	0.814479	-1.22778	0.101371	0.673886	-1.48393	0.710571	1.08548	1.08548	2.46924	1.89346	0.681616	1
cg04630879	CDAN1	0.108766	0.0144648	0.387349	-2.58165	0.415042	0.76935	-1.2998	0.932262	1.02712	1.02712	0.166214	0.628358	-1.59145	0.545877	0.825002	-1.21212	0.394748	1.31565	1.31565	?	?	?	0.475587	1.2565	1.2565	0.0368913	0.466317	-2.14446	2.49495	3.4792	1.3945	1
cg14528596	CHCHD6	0.108766	0.523419	0.775117	-1.29013	0.43514	0.730762	-1.36843	0.578347	0.80158	-1.24754	0.47718	0.752227	-1.32939	0.00521192	0.23407	-4.27223	0.150219	0.544685	-1.83592	0.0223001	0.339989	-2.94127	0.954461	1.02275	1.02275	0.744133	0.878962	-1.13771	2.46923	6.06853	2.18459	1
cg02063915	PVRL1;PVRL1;PVRL1	0.108769	0.493845	1.24504	1.24504	0.501305	1.24021	1.24021	0.102124	1.75826	1.75826	0.43572	1.2851	1.2851	0.440958	0.780464	-1.28129	0.623316	0.855431	-1.169	0.00579048	0.319739	-3.12755	0.671367	0.874054	-1.14409	0.886652	0.956009	-1.04602	2.46921	3.89091	1.40069	1
cg22122862	PRDM16;PRDM16	0.108769	0.155563	0.473029	-2.11404	0.0824037	0.387585	-2.58008	0.150078	2.13847	2.13847	0.276209	0.572363	-1.74714	0.823231	1.11653	1.11653	0.511191	1.38858	1.38858	0.135581	2.20873	2.20873	0.596196	0.768398	-1.30141	0.0304179	0.285548	-3.50203	2.46921	9.49084	3.41661	1
cg13082120	WDR46;WDR46;WDR46;PFDN6;WDR46	0.108771	0.710699	0.922299	-1.08425	0.273635	0.780887	-1.2806	0.0447677	1.64894	1.64894	0.426988	1.19254	1.19254	0.414238	0.834272	-1.19865	0.800791	0.946589	-1.05642	0.0137763	0.516327	-1.93676	0.312805	1.25441	1.25441	0.579232	1.1293	1.1293	2.46918	1.84317	0.663527	1
cg14928241	CADPS2;CADPS2;CADPS2	0.108771	0.351602	0.52967	-1.88797	0.740251	0.802074	-1.24677	0.738891	1.24827	1.24827	0.174642	0.383983	-2.60428	0.0723381	0.264631	-3.77884	0.0856118	0.283771	-3.52397	0.0101099	0.116343	-8.59528	0.102053	0.305345	-3.27499	0.0691402	0.259732	-3.85012	2.46918	17.1861	6.18688	1
cg18109716	TFDP1;TFDP1	0.108771	0.902556	0.973497	-1.02722	0.18092	0.732338	-1.36549	0.0100761	0.490616	-2.03825	0.359933	1.22925	1.22925	0.72041	1.082	1.082	0.247434	1.30368	1.30368	0.117629	1.45161	1.45161	0.369112	1.22419	1.22419	0.948113	1.01437	1.01437	2.46918	1.88061	0.677007	1
cg22616506	LIPT1;LIPT1;LIPT1;LIPT1;LIPT1	0.108772	0.103437	0.535626	-1.86698	0.527434	0.798961	-1.25163	0.453462	0.765137	-1.30696	0.516049	0.793868	-1.25965	0.00381157	0.254685	-3.92642	0.225905	0.640327	-1.5617	0.0832181	0.510543	-1.9587	0.76905	0.901937	-1.10873	0.119284	0.552885	-1.80869	2.46917	4.80545	1.72993	1
cg21991616	HGC6.3	0.108772	0.212542	0.768684	-1.30092	0.0718183	1.49587	1.49587	0.0883039	1.45763	1.45763	0.910253	0.97766	-1.02285	0.293606	0.803899	-1.24394	0.515967	1.14107	1.14107	0.0153741	1.81481	1.81481	0.847687	1.03928	1.03928	0.644086	0.910999	-1.0977	2.46917	1.56996	0.565179	1
cg10562649	MAL;MAL;MAL;MAL	0.108774	0.281293	1.81163	1.81163	0.418024	1.55141	1.55141	0.454135	0.667228	-1.49874	0.231818	1.94542	1.94542	0.115197	2.48153	2.48153	0.203097	2.04004	2.04004	0.0085253	5.93784	5.93784	0.0926363	2.6698	2.6698	0.0635979	3.0245	3.0245	2.46915	11.0123	3.9644	1
cg07336016	AMFR	0.108777	0.525086	0.884227	-1.13093	0.397175	0.847353	-1.18015	0.196138	0.770168	-1.29842	0.522856	0.883626	-1.1317	0.735798	0.937346	-1.06684	0.802306	0.953202	-1.0491	0.00429549	2.07427	2.07427	0.827438	0.959148	-1.04259	0.440294	0.860399	-1.16225	2.46913	1.42741	0.513869	1
cg23575099	LGALS3;LGALS3	0.108778	0.0370308	0.33993	-2.94178	0.00620111	0.203893	-4.90454	0.150246	0.503002	-1.98806	0.867966	0.928545	-1.07695	0.0911095	0.436393	-2.29151	0.177293	0.527862	-1.89443	0.354987	0.654436	-1.52803	0.222988	0.565205	-1.76927	0.496703	0.735289	-1.36001	2.46912	7.76401	2.79507	1
cg16398451	POU6F1;POU6F1	0.108778	0.283415	0.734468	-1.36153	0.635376	1.14142	1.14142	0.787326	0.927856	-1.07775	0.0907497	0.596899	-1.67533	0.276291	0.730826	-1.36831	0.298025	1.34813	1.34813	0.0267941	2.06773	2.06773	0.0786065	1.71761	1.71761	0.421009	0.796417	-1.25562	2.46912	2.99851	1.07947	1
cg03183451	PRKCE	0.108778	0.115169	0.541076	-1.84817	0.351525	1.4103	1.4103	0.034295	0.412527	-2.42408	0.345879	1.41636	1.41636	0.155318	0.579697	-1.72504	0.451149	0.759352	-1.31691	0.196602	0.612894	-1.6316	0.0835825	1.98715	1.98715	0.388129	0.728209	-1.37323	2.46911	5.02801	1.8101	1
cg12079381	GRIK1;GRIK1	0.108779	0.203478	0.460339	-2.17231	0.046202	0.267102	-3.74388	0.59509	0.73343	-1.36346	0.848019	0.895037	-1.11727	0.0671374	0.305471	-3.27364	0.0477555	0.270291	-3.69972	0.150706	2.43554	2.43554	0.0870857	0.335558	-2.98011	0.637584	1.31553	1.31553	2.4691	13.0625	4.70257	1
cg09914304	PRF1;PRF1	0.108779	0.013754	0.39305	-2.54421	0.0936985	0.568269	-1.75973	0.0466035	0.497258	-2.01103	0.102866	0.578616	-1.72826	0.817006	0.931402	-1.07365	0.959963	1.01551	1.01551	0.524342	1.21874	1.21874	0.243852	0.688086	-1.45331	0.107999	0.584109	-1.71201	2.4691	3.67586	1.32333	1
cg01808810	SDHA;CCDC127	0.108783	0.900309	1.0559	1.0559	0.607829	0.798785	-1.2519	0.236596	1.713	1.713	?	?	?	0.874017	0.933446	-1.0713	0.00884602	0.235407	-4.24796	0.417284	1.43304	1.43304	0.251697	1.68161	1.68161	0.200022	1.79964	1.79964	2.49477	6.61648	2.65214	1
cg20345446	OSBPL5;OSBPL5;OSBPL5	0.108785	0.419415	0.807871	-1.23782	0.060238	0.578055	-1.72994	0.751174	0.921024	-1.08575	0.459118	0.822886	-1.21523	0.0114446	0.441163	-2.26674	0.657268	0.890938	-1.12241	0.0708642	0.593373	-1.68528	0.0416275	0.544743	-1.83573	0.554237	1.16732	1.16732	2.46904	2.61525	0.941529	1
cg16014989	ROBLD3;UBQLN4;ROBLD3	0.108788	0.00391676	0.401341	-2.49165	0.250949	0.754241	-1.32584	0.34894	0.797143	-1.25448	0.527016	0.860105	-1.16265	0.852798	1.04464	1.04464	0.306025	0.779432	-1.28299	0.739542	0.924549	-1.08161	0.792446	0.939877	-1.06397	0.173627	1.40549	1.40549	2.46902	2.16183	0.778296	1
cg12899157	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.108788	0.148854	0.512381	-1.95167	0.183258	0.543421	-1.84019	0.44506	0.714451	-1.39968	0.148459	0.512	-1.95313	0.0662009	0.410655	-2.43514	0.478304	0.73246	-1.36526	0.0111613	0.253157	-3.95012	0.0907567	0.447166	-2.2363	0.0279149	0.325623	-3.07103	2.46901	7.2946	2.62619	1
cg19519319	MOBKL2A	0.108788	0.985367	0.993456	-1.00659	0.266704	1.5133	1.5133	0.573777	1.22566	1.22566	0.0563311	0.461315	-2.16772	0.0347574	0.414335	-2.4135	0.119583	0.546261	-1.83063	0.686156	1.15654	1.15654	0.169567	1.68852	1.68852	0.161688	0.585663	-1.70747	2.46901	5.01204	1.80443	1
cg02789043	STK19;STK19;DOM3Z;STK19	0.108795	0.0696599	0.514835	-1.94237	0.515289	1.24096	1.24096	0.484207	0.792449	-1.26191	0.125215	0.580977	-1.72124	0.15745	0.60977	-1.63996	0.17776	0.625852	-1.59782	0.263748	0.683033	-1.46406	0.330882	1.38861	1.38861	0.0431895	2.14067	2.14067	2.46894	4.18696	1.50742	1
cg00564190	LMO3;LMO3	0.108795	0.544826	0.875964	-1.1416	0.0597256	1.58266	1.58266	0.111781	1.45387	1.45387	0.925716	0.980051	-1.02036	0.0901115	0.667895	-1.49724	0.337948	0.80779	-1.23795	0.0381443	0.594943	-1.68083	0.843287	0.958132	-1.0437	0.404587	1.20235	1.20235	2.46894	1.8258	0.657341	1
cg26018382	MOSC1	0.108797	0.0836537	3.45927	3.45927	0.0876639	3.39407	3.39407	0.208962	2.35969	2.35969	0.284798	2.05485	2.05485	0.123329	2.95072	2.95072	0.178616	2.52519	2.52519	0.0085068	8.81911	8.81911	0.047705	4.33942	4.33942	0.135307	2.83924	2.83924	2.46892	16.4307	5.91556	1
cg05879810	NTN1	0.108798	0.364347	0.837171	-1.1945	0.140325	1.35319	1.35319	0.783065	1.05403	1.05403	0.580959	0.899156	-1.11215	0.373727	0.840217	-1.19017	0.154175	1.33755	1.33755	0.00754156	1.92609	1.92609	0.578377	1.11298	1.11298	0.419561	0.854494	-1.17028	2.46891	1.42147	0.511774	1
cg12606682	SCGB1A1	0.108799	0.411864	0.795545	-1.257	0.97419	1.00886	1.00886	0.00454784	0.356901	-2.8019	0.684844	1.11765	1.11765	0.0862625	0.596513	-1.67641	0.907695	1.03212	1.03212	0.0738526	0.580922	-1.7214	0.650723	0.88316	-1.1323	0.58431	0.860185	-1.16254	2.4689	2.90566	1.04614	1
cg01934787	LRRFIP2;LRRFIP2;LRRFIP2	0.108809	0.278072	0.60963	-1.64034	0.588601	0.78694	-1.27074	0.527205	0.754956	-1.32458	0.0753155	0.419424	-2.38422	0.00746244	0.220562	-4.53386	0.0796021	0.425839	-2.34831	0.136783	0.494952	-2.0204	0.278496	0.609917	-1.63957	0.0419735	0.357588	-2.79652	2.4688	7.52784	2.71039	1
cg12481734	SRRT;SRRT;SRRT;SRRT	0.108811	0.364849	1.84283	1.84283	0.040447	0.211438	-4.72953	0.242394	2.23276	2.23276	0.299055	2.02714	2.02714	0.146493	0.359427	-2.7822	0.78384	1.19785	1.19785	0.030958	0.189552	-5.27559	0.588366	1.43152	1.43152	0.450685	1.65628	1.65628	2.46879	16.8531	6.06798	1
cg09825327	TRAF5;TRAF5	0.108811	0.0452976	0.338822	-2.9514	0.102129	0.430345	-2.32372	0.24848	0.56634	-1.76572	0.203101	0.530888	-1.88364	0.0162622	0.250332	-3.9947	0.550801	1.32904	1.32904	0.855573	0.917715	-1.08966	0.0462497	0.340891	-2.93349	0.187132	0.517394	-1.93276	2.46878	8.6849	3.12702	1
cg13666507	HTR1A	0.108812	0.130574	1.42668	1.42668	0.0410302	0.598593	-1.67058	?	?	?	0.299492	1.26368	1.26368	0.740682	1.07496	1.07496	0.532288	0.871382	-1.1476	0.901634	0.973447	-1.02728	0.437926	0.841802	-1.18793	0.0300998	1.7422	1.7422	2.49447	1.66348	0.666865	1
cg13678049	CUL9	0.108815	0.879665	1.0449	1.0449	0.168908	1.52955	1.52955	0.0135035	2.42659	2.42659	0.0143393	2.39963	2.39963	0.432859	0.792902	-1.26119	0.6572	1.13825	1.13825	0.829971	0.939555	-1.06433	0.956331	0.984249	-1.016	0.391514	1.28986	1.28986	2.46874	3.28666	1.18339	1
cg14174336	NOL3	0.108815	0.0992931	0.599271	-1.66869	0.93484	1.02344	1.02344	0.0305382	2.05505	2.05505	0.270302	1.38443	1.38443	0.107481	0.607839	-1.64517	0.087232	1.70767	1.70767	0.847651	1.05602	1.05602	0.454904	0.805975	-1.24073	0.484199	0.817527	-1.2232	2.46874	3.14015	1.13064	1
cg11617843	RASGEF1C	0.108818	0.464124	1.23589	1.23589	0.0200882	2.21926	2.21926	0.0291628	2.07639	2.07639	0.883393	1.0426	1.0426	0.787343	0.926024	-1.07989	0.118529	1.61877	1.61877	0.0245188	2.14148	2.14148	0.242735	1.4155	1.4155	0.410269	1.27042	1.27042	2.46872	3.1589	1.1374	1
cg24848467	ZNF389	0.10882	0.999667	0.999945	-1.00005	0.190557	0.833694	-1.19948	0.996863	0.999484	-1.00052	0.622626	1.06726	1.06726	0.0107414	0.656627	-1.52293	0.339742	1.13782	1.13782	0.0770612	1.2943	1.2943	0.21746	0.843443	-1.18562	0.56731	0.926936	-1.07882	2.46869	0.673248	0.242413	1
cg15691775	TSGA14;TSGA14	0.108821	0.740536	0.835629	-1.1967	0.136219	2.38108	2.38108	0.826601	0.888206	-1.12586	0.0971772	0.373935	-2.67426	0.256739	1.8958	1.8958	0.0516352	3.30999	3.30999	0.136915	0.420723	-2.37686	0.0859575	2.78805	2.78805	0.474731	0.675161	-1.48113	2.46869	11.4164	4.11064	1
cg10872815	PDE7B	0.108823	0.603936	0.924209	-1.08201	0.0793615	1.34085	1.34085	0.0297157	1.47014	1.47014	0.507474	1.10657	1.10657	0.132972	0.783383	-1.27652	0.581519	1.08745	1.08745	0.0400488	1.42956	1.42956	0.141541	1.26881	1.26881	0.651169	1.07095	1.07095	2.46867	0.886823	0.319317	1
cg14582220	CLN6	0.108824	0.238001	1.30466	1.30466	0.250525	1.29478	1.29478	0.636713	1.10778	1.10778	0.199589	1.33855	1.33855	0.711347	0.923141	-1.08326	0.902075	0.973863	-1.02684	0.0053731	0.454441	-2.20051	0.851915	0.96059	-1.04103	0.710855	0.923009	-1.08341	2.46865	1.80996	0.651715	1
cg17460368	ZBTB20;ZBTB20	0.108829	0.353819	0.784677	-1.27441	0.108778	0.641082	-1.55986	0.200283	0.709012	-1.41041	0.47467	1.20298	1.20298	0.00669051	0.408951	-2.44528	0.639577	0.887022	-1.12737	0.277169	1.33279	1.33279	0.256807	0.740198	-1.35099	0.303567	0.762727	-1.31109	2.46861	2.52602	0.909564	1
cg12835806	SRRM2	0.10883	0.34927	0.836335	-1.19569	0.10036	0.716133	-1.39639	0.0121622	1.78541	1.78541	0.457786	0.869143	-1.15056	0.126664	1.3586	1.3586	0.303258	1.21871	1.21871	0.441299	1.15678	1.15678	0.715786	1.07018	1.07018	0.674312	0.924597	-1.08155	2.4686	1.34514	0.484358	1
cg11586382	PITRM1	0.108832	0.730846	1.15244	1.15244	0.218662	1.70165	1.70165	0.428825	1.39358	1.39358	0.387919	0.695167	-1.4385	0.0082642	0.249649	-4.00562	0.0890988	0.462827	-2.16064	0.159983	0.539635	-1.85311	0.60497	0.807023	-1.23912	0.61545	0.812126	-1.23134	2.46857	6.60049	2.37672	1
cg13079099	LENG9	0.108832	0.0749372	0.729271	-1.37123	0.53642	1.10479	1.10479	0.552921	1.10027	1.10027	0.0526189	0.704173	-1.42011	0.812804	0.962942	-1.03848	0.0221158	1.54771	1.54771	0.518129	1.10992	1.10992	0.464934	1.12568	1.12568	0.420772	0.877285	-1.13988	2.46857	0.990643	0.356713	1
cg09218524	LOC283663	0.108833	0.65077	0.928884	-1.07656	0.492103	0.8932	-1.11957	0.057006	0.705659	-1.41711	0.929847	1.01436	1.01436	0.263952	0.828203	-1.20743	0.0334558	0.668825	-1.49516	0.218904	0.81114	-1.23283	0.217066	1.23397	1.23397	0.0764521	1.3758	1.3758	2.46857	1.0245	0.368905	1
cg05090716	C20orf202	0.108834	0.673913	0.716195	-1.39627	0.324394	0.448116	-2.23156	0.0941761	0.234244	-4.26906	0.637947	0.688083	-1.45331	0.0412592	0.156143	-6.40439	0.356444	0.473264	-2.11298	0.00590438	0.0583763	-17.1302	0.347939	0.466632	-2.14301	0.0766793	0.211609	-4.7257	2.46855	24.3219	8.75794	1
cg01396387	CDH13	0.108836	0.210565	0.536867	-1.86266	0.232666	0.554287	-1.80412	0.513931	1.36627	1.36627	0.652504	0.807587	-1.23826	0.134397	0.467183	-2.14049	0.748063	0.859041	-1.16409	0.00326132	0.150915	-6.62625	0.951116	0.971509	-1.02933	0.381881	0.655192	-1.52627	2.46853	8.69051	3.12935	1
cg04813119	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.108837	0.530974	0.74066	-1.35015	0.02098	3.71993	3.71993	0.0662868	2.64952	2.64952	0.55378	1.32754	1.32754	0.123476	0.454181	-2.20176	0.365748	1.55207	1.55207	0.264973	0.577207	-1.73248	0.190976	1.92514	1.92514	0.807447	0.890915	-1.12244	2.46853	8.74838	3.1502	1
cg09228536	BZW2;BZW2;BZW2	0.108839	0.292226	0.745978	-1.34052	0.426528	0.804337	-1.24326	0.823169	0.941742	-1.06186	0.859422	1.04869	1.04869	0.305805	0.752497	-1.32891	0.238315	1.39269	1.39269	0.00441381	2.77074	2.77074	0.823792	1.06163	1.06163	0.953218	1.01586	1.01586	2.4685	2.81176	1.0125	1
cg26659404	RHCE;RHCE;RHCE;RHCE	0.108841	0.12943	0.383621	-2.60674	0.010545	0.152343	-6.56415	0.0159254	0.17794	-5.61987	0.404342	0.607146	-1.64705	0.0804269	0.321737	-3.10812	0.381779	0.591806	-1.68974	0.234347	0.482379	-2.07306	0.841701	0.889639	-1.12405	0.4721	0.651989	-1.53377	2.46849	13.3701	4.81451	1
cg19725553	BLVRA	0.108841	0.265798	1.7021	1.7021	0.052587	2.74776	2.74776	0.660599	1.22466	1.22466	0.0795577	2.44135	2.44135	0.104475	0.443086	-2.2569	0.698297	0.836392	-1.19561	0.152531	2.0195	2.0195	0.0312955	3.18605	3.18605	0.716618	1.18199	1.18199	2.46849	8.22472	2.96168	1
cg22386389	RBM44	0.108844	0.664776	1.1797	1.1797	0.0173083	3.00064	3.00064	0.261529	1.55863	1.55863	0.350057	1.43993	1.43993	0.0142478	3.14528	3.14528	0.116852	1.90742	1.90742	0.0448988	2.39291	2.39291	0.205266	1.65957	1.65957	0.514686	1.28459	1.28459	2.46845	5.61685	2.02262	1
cg13892862	MUC6	0.108846	0.593634	0.887848	-1.12632	0.997054	1.00082	1.00082	0.794356	1.05939	1.05939	0.50146	0.860114	-1.16264	0.00328107	0.412732	-2.42288	0.987319	1.00352	1.00352	0.175216	1.37496	1.37496	0.330742	0.801184	-1.24815	0.694772	0.916584	-1.09101	2.46844	1.90719	0.686783	1
cg15123499	DIP2C	0.108846	0.689151	0.79	-1.26582	0.0178722	5.40621	5.40621	0.364134	1.72757	1.72757	0.62303	1.33704	1.33704	0.995861	1.00305	1.00305	0.974981	0.981783	-1.01855	0.0253859	0.210599	-4.74836	0.847435	1.11954	1.11954	0.171368	0.425822	-2.3484	2.46843	13.4359	4.83829	1
cg01140782	FAM58A;FAM58A	0.108847	0.213413	0.30566	-3.27161	0.0794509	0.171845	-5.8192	0.339214	0.410186	-2.43792	0.071525	6.17513	6.17513	0.0670704	6.40309	6.40309	0.073024	0.163846	-6.10328	0.556601	0.583974	-1.71241	0.823021	1.22465	1.22465	0.99439	1.00638	1.00638	2.46843	31.994	11.5211	1
cg04479212	ITGA9	0.108847	0.0287781	0.323347	-3.09266	0.790685	0.890059	-1.12352	0.733844	0.861205	-1.16116	0.0686372	0.409702	-2.4408	0.0267361	0.316894	-3.15563	0.116192	0.473565	-2.11164	0.0825838	0.430955	-2.32043	0.0481666	0.372057	-2.68776	0.197008	0.550377	-1.81694	2.46842	7.49379	2.69854	1
cg04880052	PNKD;PNKD	0.10885	0.0627275	0.601512	-1.66248	0.0359127	0.55299	-1.80835	0.692677	0.908084	-1.10122	0.901958	1.03037	1.03037	0.0252371	0.524199	-1.90767	0.940952	1.01814	1.01814	0.0416311	0.565458	-1.76848	0.669031	0.900884	-1.11002	0.087363	0.632479	-1.58108	2.46839	2.30325	0.82942	1
cg14513226	LPGAT1	0.108852	?	?	?	?	?	?	0.447669	2.01256	2.01256	?	?	?	0.010802	0.0501156	-19.9539	?	?	?	0.780331	0.777211	-1.28665	0.396444	0.455944	-2.19325	0.982597	1.01985	1.01985	2.76335	19.3293	9.79282	1
cg21994579	SLC2A4	0.108852	0.344734	0.742135	-1.34746	0.0278629	2.21758	2.21758	0.80691	1.07793	1.07793	0.00759786	2.86336	2.86336	0.627059	0.860673	-1.16188	0.325358	1.36506	1.36506	0.956066	1.01703	1.01703	0.863278	1.05424	1.05424	0.512532	1.22573	1.22573	2.46837	3.67098	1.32196	1
cg01413268	CTU1	0.108853	0.0207294	3.44415	3.44415	0.0150857	3.76713	3.76713	0.127786	2.0776	2.0776	0.0865438	2.31817	2.31817	0.321797	1.57546	1.57546	0.964615	1.0199	1.0199	0.190145	1.85188	1.85188	0.0753017	2.40956	2.40956	0.53805	1.31901	1.31901	2.46836	7.70991	2.77643	1
cg22730636	CROCCL2	0.108854	0.230532	0.480099	-2.0829	0.160812	0.417355	-2.39604	0.85818	0.900918	-1.10998	0.389525	0.597864	-1.67262	0.00712122	0.131627	-7.5972	0.0595178	0.289188	-3.45795	0.0484361	0.268387	-3.72597	0.200656	0.454534	-2.20005	0.143978	0.400227	-2.49858	2.46836	13.3032	4.79066	1
cg00511167	CEP63;CEP63;CEP63;CEP63	0.108855	0.0887451	0.333119	-3.00193	0.593086	1.37136	1.37136	0.261598	1.98462	1.98462	0.037596	0.24358	-4.10543	0.232695	0.480597	-2.08074	0.516941	0.680647	-1.46919	0.0981598	0.345723	-2.89249	0.0933682	0.339402	-2.94636	0.0481988	0.266615	-3.75073	2.46835	13.4011	4.82595	1
cg06675705	ABI3BP	0.108855	0.520048	0.895172	-1.1171	0.344764	0.84767	-1.17971	0.441632	0.875249	-1.14253	0.515481	1.1185	1.1185	0.0329573	0.654705	-1.52741	0.795446	1.04511	1.04511	0.0154224	1.65666	1.65666	0.262177	0.819917	-1.21964	0.788604	1.0467	1.0467	2.46834	1.12747	0.406021	1
cg10277781	CNIH	0.108857	0.500585	1.13587	1.13587	0.0286477	1.61779	1.61779	0.177373	1.30622	1.30622	0.708574	0.932426	-1.07247	0.612014	1.1	1.1	0.0610375	0.674762	-1.482	0.160593	0.756318	-1.3222	0.120354	1.36883	1.36883	0.574465	1.1115	1.1115	2.46832	1.35742	0.488832	1
cg19193155	LOC349196	0.108858	0.0984502	0.138461	-7.22224	0.387326	0.380314	-2.6294	0.0412266	0.076593	-13.056	0.231378	0.254202	-3.93387	0.0176281	0.0428448	-23.34	0.312281	0.319688	-3.12805	0.163787	0.197656	-5.05929	0.164707	0.198448	-5.03911	0.0189816	0.0450949	-22.1755	2.46832	46.534	16.7578	1
cg23141825	PYCR2	0.108859	0.758561	0.950445	-1.05214	0.0056302	1.8204	1.8204	0.731701	1.05838	1.05838	0.777794	1.04774	1.04774	0.548681	1.10522	1.10522	0.59264	1.09311	1.09311	0.474585	0.88703	-1.12736	0.61381	1.08751	1.08751	0.0260141	1.54578	1.54578	2.4683	1.06238	0.382584	1
cg02071276	FBXO28;FBXO28	0.108862	0.0764884	0.606186	-1.64966	0.863228	1.04477	1.04477	0.054674	1.73961	1.73961	0.0232451	0.502047	-1.99184	0.318682	0.769668	-1.29926	0.436486	1.22342	1.22342	0.865245	0.957772	-1.04409	0.408751	1.2394	1.2394	0.526288	1.17716	1.17716	2.46828	2.52253	0.908428	1
cg02156071	C10orf84;C10orf84;C10orf84;C10orf84	0.108862	?	?	?	0.430411	1.40003	1.40003	0.83034	1.09386	1.09386	0.0109263	0.263	-3.80228	0.23001	1.69308	1.69308	0.58319	1.26074	1.26074	0.0951293	2.15269	2.15269	0.44009	0.719502	-1.38985	0.68677	1.1847	1.1847	2.49396	6.13749	2.46094	1
cg22556143	STK32C	0.108864	0.115797	0.478926	-2.08801	0.0114965	0.256258	-3.90231	0.35787	0.665501	-1.50263	0.62041	0.806526	-1.23988	0.542139	0.766627	-1.30442	0.629067	0.810887	-1.23322	0.336092	0.65235	-1.53292	0.0515747	2.59686	2.59686	0.735047	1.15753	1.15753	2.46826	7.25091	2.61125	1
cg08251815	C2orf89	0.108864	0.0617616	3.36526	3.36526	0.0546059	3.51713	3.51713	0.994081	0.99573	-1.00429	0.219084	0.474488	-2.10753	0.053575	3.54123	3.54123	0.950353	1.03657	1.03657	0.162816	0.423433	-2.36165	0.143077	2.47887	2.47887	0.537379	1.43367	1.43367	2.46826	13.0062	4.68391	1
cg23432345	HOXA7	0.108865	0.959583	1.04415	1.04415	0.287905	0.390369	-2.56168	0.677857	0.70038	-1.4278	0.174768	0.292135	-3.42307	0.0677314	0.174705	-5.72392	0.138743	0.256996	-3.89111	0.0315571	0.116547	-8.58024	0.0507759	6.66823	6.66823	0.57198	0.614542	-1.62723	2.46824	28.4133	10.2325	1
cg16576052	PLEKHH1	0.108865	0.360969	0.835079	-1.19749	0.0144787	1.78286	1.78286	0.679138	0.923276	-1.0831	0.304542	1.22638	1.22638	0.309345	0.81717	-1.22374	0.264368	1.25015	1.25015	0.0282268	1.64416	1.64416	0.443413	1.1618	1.1618	0.717229	1.07229	1.07229	2.46824	1.43982	0.518523	1
cg26923908	ELFN2	0.108866	0.577112	0.756289	-1.32225	0.123534	2.28691	2.28691	0.6707	1.23625	1.23625	0.348188	1.61435	1.61435	0.907164	0.943793	-1.05955	0.0444194	3.14162	3.14162	0.0287527	0.278314	-3.59306	0.168167	0.482745	-2.07149	0.526068	0.727189	-1.37516	2.46823	9.61202	3.4616	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24828246	TUBA3C	0.108867	0.0116511	0.283749	-3.52425	0.123517	0.513482	-1.94749	0.0849831	0.467204	-2.14039	0.200322	0.582466	-1.71684	0.169617	0.557361	-1.79417	0.585647	0.802566	-1.246	0.915596	0.958528	-1.04327	0.243242	0.613936	-1.62883	0.019863	0.325177	-3.07525	2.46823	6.24022	2.24731	1
cg15400652	PSG2	0.108868	0.649406	0.883675	-1.13164	0.819221	1.06381	1.06381	0.0670213	0.574224	-1.74148	0.851809	0.950723	-1.05183	0.903229	1.03341	1.03341	0.226358	0.70946	-1.40952	0.0230604	2.08408	2.08408	0.0956352	0.609804	-1.63987	0.111054	0.625573	-1.59854	2.46822	2.85423	1.0279	1
cg13702196	CPXM2	0.10887	0.0545692	3.73683	3.73683	0.0722521	3.36245	3.36245	0.0990164	2.98398	2.98398	0.1549	2.50989	2.50989	0.152006	2.52856	2.52856	0.581289	1.40034	1.40034	0.0155087	6.01739	6.01739	0.0461646	3.97894	3.97894	0.11035	2.86286	2.86286	2.46819	14.2838	5.14413	1
cg21837372	NT5DC3	0.108876	0.148632	0.72205	-1.38495	0.557237	0.882684	-1.13291	0.590227	1.12107	1.12107	0.0490159	0.62348	-1.6039	0.73676	1.0735	1.0735	0.0144065	0.530454	-1.88518	0.0531119	0.630046	-1.58719	0.530418	1.14293	1.14293	0.861582	0.963978	-1.03737	2.46813	1.72739	0.622113	1
cg20185083	SERPINB9	0.108876	0.50477	0.818614	-1.22158	0.00496992	3.00311	3.00311	0.348865	1.33	1.33	0.869956	0.952705	-1.04964	0.758763	0.912937	-1.09537	0.492404	1.22896	1.22896	0.0990909	1.70688	1.70688	0.38609	0.768942	-1.30049	0.695553	0.890213	-1.12333	2.46813	3.41806	1.231	1
cg01709846	TEKT5	0.108878	0.104529	0.531842	-1.88026	0.400551	0.736234	-1.35826	0.0626152	0.474444	-2.10773	0.174709	0.598276	-1.67147	0.0101669	0.315547	-3.1691	0.0503834	0.452184	-2.21149	0.515148	0.790689	-1.26472	0.0535325	0.458283	-2.18206	0.289087	0.675977	-1.47934	2.46812	4.94995	1.78272	1
cg16600432	ZBTB1;ZBTB25;ZBTB1	0.108878	0.403566	1.14924	1.14924	0.478498	0.889353	-1.12441	0.677738	1.07037	1.07037	0.807583	1.04051	1.04051	0.0961041	1.34635	1.34635	0.0172753	1.60317	1.60317	0.0128628	1.65317	1.65317	0.704777	1.06391	1.06391	0.78022	0.955497	-1.04658	2.46811	1.03528	0.372857	1
cg03143697	LOC202181	0.108879	0.215066	1.203	1.203	0.285274	0.854551	-1.1702	0.0354393	0.706933	-1.41456	0.104729	1.28546	1.28546	0.361226	1.14216	1.14216	0.688945	1.05864	1.05864	0.0866506	0.764897	-1.30737	0.250845	1.18521	1.18521	0.414321	1.12544	1.12544	2.46811	0.783992	0.282355	1
cg24520806	PWWP2B;PWWP2B	0.10888	0.323867	0.471017	-2.12307	0.438628	0.559294	-1.78797	0.0129726	0.086673	-11.5376	0.706545	0.758282	-1.31877	0.257333	0.416105	-2.40324	0.55371	1.55167	1.55167	0.478806	0.589201	-1.69721	0.0799042	4.37064	4.37064	0.206633	2.69612	2.69612	2.83389	22.8002	5.36369	1
cg26997028	F2R	0.10888	0.209475	0.615226	-1.62542	0.0184608	0.35009	-2.85641	0.152287	0.56943	-1.75614	0.0829269	0.494064	-2.02403	0.437959	0.747853	-1.33716	0.109298	0.526646	-1.89881	0.0194865	0.35452	-2.82072	0.16142	0.577419	-1.73184	0.0704656	0.475948	-2.10107	2.4681	5.27155	1.89856	1
cg22519151	LOC440926;H3F3A	0.108881	0.56211	0.710905	-1.40666	?	?	?	?	?	?	?	?	?	0.0337856	0.180048	-5.55408	?	?	?	?	?	?	0.417065	1.63012	1.63012	0.239976	2.10716	2.10716	3.87717	7.85787	2.0267	1
cg16954204	MBOAT1	0.108881	0.0518051	1.73035	1.73035	0.209392	0.7205	-1.38792	0.536947	1.16755	1.16755	0.886112	1.03615	1.03615	0.292477	1.31076	1.31076	0.0248247	1.9384	1.9384	0.0462293	1.76093	1.76093	0.409491	0.811395	-1.23245	0.923962	0.976624	-1.02394	2.46808	2.39966	0.864247	1
cg03879251	DIDO1;DIDO1;DIDO1;DIDO1	0.108882	0.84063	0.870516	-1.14874	0.137059	3.01328	3.01328	0.212209	2.47197	2.47197	0.455405	0.592375	-1.68812	0.0171873	0.13538	-7.3866	0.346486	1.94975	1.94975	0.14923	0.344669	-2.90134	0.184052	0.37888	-2.63936	0.525185	1.55806	1.55806	2.46807	18.5416	6.67786	1
cg00996469	C6orf150	0.108885	0.0105188	0.459742	-2.17513	0.78924	0.937376	-1.06681	0.995033	1.0015	1.0015	0.141191	0.682508	-1.46518	0.0282583	0.535129	-1.86871	0.0678529	0.610354	-1.63839	0.706954	1.09545	1.09545	0.929615	0.9789	-1.02155	0.529189	0.857372	-1.16635	2.46805	2.27771	0.820337	1
cg00085256	DIRC3	0.108886	0.167909	0.706709	-1.41501	0.0252582	1.87459	1.87459	0.0720984	1.60666	1.60666	0.992195	1.00231	1.00231	0.484028	0.845365	-1.18292	0.882092	1.03568	1.03568	0.030053	1.82706	1.82706	0.979928	0.994075	-1.00596	0.602928	1.13197	1.13197	2.46803	2.18073	0.785414	1
cg00152041	SLCO4A1	0.108887	0.0794227	0.603383	-1.65732	0.40377	0.801171	-1.24817	0.0901575	0.615952	-1.6235	0.165273	1.46819	1.46819	0.330919	0.770817	-1.29733	0.275464	1.3423	1.3423	0.0195863	0.481012	-2.07895	0.29349	0.753709	-1.32677	0.686535	0.900082	-1.11101	2.46803	2.63166	0.947824	1
cg10932086	PRO1768;FOXN3	0.108887	0.443284	0.773042	-1.29359	0.0313345	0.435284	-2.29735	0.245486	0.670289	-1.49189	0.452876	0.777373	-1.28638	0.10048	0.552907	-1.80862	0.115863	0.569591	-1.75565	0.0901264	1.84987	1.84987	0.0911215	0.541809	-1.84567	0.557839	1.21554	1.21554	2.46803	4.23934	1.52685	1
cg05285606	ST3GAL2;ST3GAL2	0.108888	0.146708	1.75672	1.75672	0.747369	0.889666	-1.12402	0.573481	1.22846	1.22846	0.199751	0.612604	-1.63238	0.797087	0.911007	-1.09769	0.413394	0.73898	-1.35322	0.00619728	0.274969	-3.63677	0.305703	1.46763	1.46763	0.971361	1.01307	1.01307	2.46801	5.11476	1.84215	1
cg18104091	TRIM27	0.108895	0.989397	0.998567	-1.00143	0.241977	1.14128	1.14128	0.00465348	1.50103	1.50103	0.214656	1.15138	1.15138	0.226396	1.14691	1.14691	0.119487	1.19999	1.19999	0.611249	0.946186	-1.05687	0.334216	1.11346	1.11346	0.113665	1.20411	1.20411	2.46795	0.455161	0.163937	1
cg24946941	GPR141	0.108897	0.953251	0.971082	-1.02978	0.553677	0.74091	-1.34969	0.329021	0.603965	-1.65572	0.844547	1.10325	1.10325	0.0188165	0.24063	-4.15576	0.639852	1.26602	1.26602	0.0157963	0.2276	-4.39367	0.545644	0.736299	-1.35814	0.0477454	0.322044	-3.10516	2.46793	9.79251	3.52703	1
cg13586051	DNASE1L3	0.108899	0.0244787	0.278236	-3.59407	0.224691	0.54403	-1.83813	0.04858	0.341163	-2.93115	0.202872	0.526414	-1.89965	0.0557679	0.355406	-2.81368	0.216815	0.537782	-1.85949	0.058426	0.360348	-2.7751	0.115762	0.442178	-2.26153	0.0381204	0.317497	-3.14964	2.4679	8.90542	3.20756	1
cg17978727	SLC23A2	0.108903	0.334436	1.23439	1.23439	0.0162782	0.537139	-1.86171	0.272875	0.785526	-1.27303	0.0117315	0.513764	-1.94642	0.533435	0.875091	-1.14274	0.875057	0.967262	-1.03385	0.757716	0.936641	-1.06764	0.659251	1.09842	1.09842	0.782018	0.943015	-1.06043	2.46787	1.749	0.629963	1
cg08831077	HRH1	0.108904	0.0759006	0.24274	-4.11964	0.190558	0.370302	-2.7005	0.251477	0.423722	-2.36004	0.140481	0.320956	-3.11569	0.0428074	0.188058	-5.31751	0.260468	0.431191	-2.31916	0.0074338	0.0845121	-11.8326	0.291643	0.456477	-2.19069	0.0939451	0.267146	-3.74328	2.46786	20.0769	7.23144	1
cg27329908	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.108905	0.0493198	0.501776	-1.99292	0.0112978	0.377116	-2.6517	0.182689	0.647493	-1.54442	0.18231	0.647219	-1.54507	0.0683057	0.533989	-1.8727	0.352557	0.74525	-1.34183	0.104805	0.579918	-1.72438	0.724816	1.11476	1.11476	0.128826	0.60381	-1.65615	2.46785	3.69258	1.33002	1
cg10199913	HIST1H3C	0.108905	0.497953	1.40098	1.40098	0.0178722	4.09869	4.09869	0.0234703	3.76724	3.76724	0.352752	1.59775	1.59775	0.713825	1.19781	1.19781	0.466263	1.43812	1.43812	0.295675	1.70136	1.70136	0.270406	1.75481	1.75481	0.0156645	4.27078	4.27078	2.46784	9.38642	3.38088	1
cg27089146	ZNF512	0.108906	0.0837649	0.287733	-3.47545	0.541545	0.668794	-1.49523	0.384445	0.559626	-1.78691	0.472211	0.621271	-1.6096	0.0237971	0.172709	-5.79007	0.0592697	0.250039	-3.99938	0.0445091	0.222701	-4.49032	0.948939	1.04257	1.04257	0.0263807	0.180133	-5.55146	2.46784	16.5616	5.9653	1
cg06748934	KIAA1712;KIAA1712	0.108907	0.772552	1.05462	1.05462	0.00919986	0.545078	-1.8346	0.934752	0.985087	-1.01514	0.624903	1.09464	1.09464	0.219389	0.788982	-1.26746	0.156752	1.32042	1.32042	0.519109	1.12743	1.12743	0.0909627	0.710565	-1.40733	0.394419	0.852081	-1.1736	2.46782	1.31623	0.474094	1
cg05105069	TCEAL7	0.108909	0.459043	0.751159	-1.33128	0.0240231	0.359994	-2.77783	0.374745	1.41308	1.41308	0.321612	1.47496	1.47496	0.109649	0.515851	-1.93854	0.556854	0.798099	-1.25298	0.193566	0.593261	-1.6856	0.3888	0.715189	-1.39823	0.0741538	2.12812	2.12812	2.4678	5.62999	2.02789	1
cg11613005	GPR151	0.10891	0.0814355	0.339054	-2.94938	0.480948	1.4936	1.4936	0.36983	1.6749	1.6749	0.429173	1.57141	1.57141	0.113248	0.380898	-2.62537	0.315289	0.559068	-1.78869	0.0204704	0.209311	-4.77759	0.103426	0.368829	-2.71128	0.218463	0.484379	-2.0645	2.46779	12.2575	4.4151	1
cg18216455	PEF1	0.108912	0.258943	1.20218	1.20218	0.220664	0.817661	-1.223	0.00679541	1.7304	1.7304	0.45181	1.12732	1.12732	0.618716	0.924558	-1.0816	0.462701	0.889695	-1.12398	0.936192	1.0126	1.0126	0.330755	1.16988	1.16988	0.122076	1.29952	1.29952	2.46778	0.955325	0.344107	1
cg06145909	LOC100133985	0.108913	0.691536	1.09667	1.09667	0.462779	1.18879	1.18879	0.263843	1.3093	1.3093	0.0898198	1.54135	1.54135	0.0376882	0.572483	-1.74678	0.476628	0.84582	-1.18229	0.574258	1.14035	1.14035	0.0504556	1.67505	1.67505	0.0947697	1.52937	1.52937	2.46776	2.09238	0.753676	1
cg02981731	OGDHL;OGDHL;OGDHL	0.108916	0.525086	0.888493	-1.1255	0.127016	1.35389	1.35389	0.73564	1.06419	1.06419	0.489964	1.1374	1.1374	0.248588	0.801385	-1.24784	0.974306	1.00593	1.00593	0.00480445	0.503112	-1.98763	0.953404	0.98933	-1.01079	0.650727	0.919731	-1.08727	2.46774	1.3172	0.47446	1
cg26160945	STK38L	0.108916	0.45419	1.28739	1.28739	0.0883749	1.86447	1.86447	0.919256	1.03417	1.03417	0.93845	1.02592	1.02592	0.0220432	0.402571	-2.48403	0.0407585	2.18724	2.18724	0.305192	1.42165	1.42165	0.464443	1.27981	1.27981	0.473799	0.785533	-1.27302	2.46774	4.29108	1.54566	1
cg11406300	PAQR5;PAQR5	0.108917	0.446047	0.908433	-1.1008	0.00684445	0.648532	-1.54194	0.182193	1.19131	1.19131	0.102629	0.80187	-1.24709	0.35883	0.889893	-1.12373	0.613981	1.0649	1.0649	0.666926	1.05499	1.05499	0.299465	0.875509	-1.14219	0.952619	1.00737	1.00737	2.46773	0.597424	0.215196	1
cg11802666	IRF2	0.108917	0.171119	1.87683	1.87683	0.74016	0.866069	-1.15464	0.0543046	0.389272	-2.5689	0.54207	0.765948	-1.30557	0.0302903	3.00509	3.00509	0.356646	1.50622	1.50622	0.0725742	2.37625	2.37625	0.277793	1.62842	1.62842	0.486798	1.35698	1.35698	2.46772	7.29518	2.62777	1
cg04512917	EDIL3	0.108917	0.602898	0.88093	-1.13516	0.118525	1.50579	1.50579	0.514783	0.852526	-1.17299	0.358839	1.25596	1.25596	0.998773	0.999629	-1.00037	0.43916	1.20996	1.20996	0.570326	0.870622	-1.1486	0.0181177	0.499968	-2.00013	0.0468164	1.73278	1.73278	2.46772	2.28022	0.821351	1
cg00221788	MRPL42;MRPL42;MRPL42	0.108919	0.301889	1.30793	1.30793	0.757492	0.925209	-1.08084	0.034095	0.537575	-1.86021	0.0848392	1.61334	1.61334	0.514018	1.18069	1.18069	0.0530295	0.575913	-1.73637	0.577279	0.868211	-1.15179	0.226925	1.37492	1.37492	0.449773	1.21324	1.21324	2.46771	2.46197	0.886821	1
cg25280509	FAM58A;FAM58A	0.108921	0.273857	0.65489	-1.52697	0.0232155	0.364699	-2.74199	0.135154	0.549518	-1.81977	0.0854064	2.02767	2.02767	0.196863	1.66065	1.66065	0.163963	0.57572	-1.73695	0.48141	0.76642	-1.30477	0.662903	1.1771	1.1771	0.987284	1.00594	1.00594	2.46769	5.40096	1.94548	1
cg10713320	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.108922	0.135373	0.851665	-1.17417	0.382816	0.914589	-1.09339	0.510282	1.06889	1.06889	0.525515	0.937839	-1.06628	0.443664	1.08102	1.08102	0.0364644	0.784639	-1.27447	0.0753049	0.820738	-1.21842	0.402653	1.0892	1.0892	0.0746396	1.21909	1.21909	2.46767	0.388938	0.140101	1
cg25781868	CABP2;CABP2	0.108925	0.0539092	0.271045	-3.68942	0.249614	0.487823	-2.04992	0.108779	0.352233	-2.83903	0.249245	0.487525	-2.05118	0.235178	0.476043	-2.10065	0.0495786	0.262766	-3.80567	0.0109149	0.148659	-6.72681	0.0927856	0.331757	-3.01426	0.0968262	0.337111	-2.96639	2.46765	13.9088	5.01019	1
cg04800681	TUBA8	0.108925	0.370437	1.88993	1.88993	0.295488	2.11876	2.11876	0.0637233	4.23155	4.23155	0.510922	1.58644	1.58644	0.0769416	3.90106	3.90106	0.0794814	3.84663	3.84663	0.0107615	9.18609	9.18609	0.348634	0.512836	-1.94994	0.762663	1.2332	1.2332	2.46765	18.7198	6.74321	1
cg23990942	SERTAD3;SERTAD3	0.108926	0.77885	1.07609	1.07609	0.967427	0.98942	-1.01069	0.941627	1.01926	1.01926	0.663497	1.12079	1.12079	0.12933	0.652544	-1.53246	0.669064	0.894045	-1.11851	0.49395	1.19834	1.19834	0.00345028	2.8135	2.8135	0.70007	1.10608	1.10608	2.46763	2.65159	0.955155	1
cg00838415	FKRP;FKRP	0.10893	0.789569	1.12295	1.12295	0.0106149	4.02701	4.02701	0.131213	2.02679	2.02679	0.247642	1.68878	1.68878	0.470242	0.727267	-1.37501	0.83599	1.09403	1.09403	0.321189	1.55944	1.55944	0.018754	3.43734	3.43734	0.49748	1.34799	1.34799	2.4676	7.34503	2.64585	1
cg05156550	SLC30A4;C15orf21	0.108931	0.0500502	0.558544	-1.79037	0.380081	0.790813	-1.26452	0.689417	0.900584	-1.11039	0.305539	1.31857	1.31857	0.202347	0.704087	-1.42028	0.486326	0.831622	-1.20247	0.058935	0.573518	-1.74362	0.00996748	0.428162	-2.33557	0.659133	0.890734	-1.12267	2.46758	2.65524	0.956489	1
cg06142621	HEPACAM;HEPACAM	0.108934	0.365108	0.648637	-1.5417	0.00410673	0.166814	-5.99468	0.17231	0.508776	-1.9655	0.896961	1.06212	1.06212	0.263222	0.581256	-1.72041	0.221658	0.550162	-1.81765	0.352589	0.640849	-1.56043	0.0920535	0.422039	-2.36945	0.650253	1.23656	1.23656	2.46756	8.45641	3.04626	1
cg08686462	INS-IGF2;IGF2;INS-IGF2	0.108936	0.890032	0.945701	-1.05742	0.0397469	2.61042	2.61042	0.998845	1.00058	1.00058	0.357892	0.682796	-1.46457	0.680081	0.845918	-1.18215	0.333814	1.49524	1.49524	0.0230141	2.99588	2.99588	0.0756329	0.450192	-2.22128	0.588743	1.24644	1.24644	2.46754	6.36479	2.29281	1
cg21191822	ZBTB9	0.108941	0.412088	1.14988	1.14988	0.0770346	0.72079	-1.38737	0.513116	0.895433	-1.11678	0.323662	1.18501	1.18501	0.637673	0.924044	-1.0822	0.116037	1.32902	1.32902	0.0125404	1.67716	1.67716	0.338351	1.17863	1.17863	0.481696	1.12647	1.12647	2.46749	1.0837	0.390394	1
cg25974723	PRR12	0.108942	0.889012	1.02919	1.02919	0.512698	1.1466	1.1466	0.0737912	0.663221	-1.50779	0.871483	0.967191	-1.03392	0.168226	0.738918	-1.35333	0.310776	1.24121	1.24121	0.0105707	1.93992	1.93992	0.679627	1.08933	1.08933	0.443336	0.851258	-1.17473	2.46748	1.65914	0.597693	1
cg11057378	PPIF	0.108942	0.375621	1.22869	1.22869	0.0327013	1.76121	1.76121	0.00705821	2.20042	2.20042	0.133245	1.44318	1.44318	0.772326	0.936405	-1.06791	0.182453	1.37778	1.37778	0.352891	1.24173	1.24173	0.303525	1.27299	1.27299	0.134571	1.4411	1.4411	2.46748	2.00469	0.722174	1
cg04833241	MAD1L1;MAD1L1;MAD1L1	0.108945	0.213225	0.798889	-1.25174	0.151152	1.30147	1.30147	0.0195779	1.62124	1.62124	0.0918524	1.37424	1.37424	0.17047	1.28408	1.28408	0.483146	1.12984	1.12984	0.0354818	1.52098	1.52098	0.956604	1.00936	1.00936	0.743185	1.05793	1.05793	2.46745	1.14662	0.413065	1
cg11301337	PTPRN2;PTPRN2;PTPRN2	0.108945	0.246248	0.795051	-1.25778	0.215123	1.27991	1.27991	0.237638	0.791379	-1.26362	0.35104	1.19906	1.19906	0.549239	0.891709	-1.12144	0.0114674	0.549768	-1.81895	0.110262	1.38986	1.38986	0.705182	0.930633	-1.07454	0.862665	0.967783	-1.03329	2.46745	1.39797	0.503614	1
cg10555307	CTNND2	0.108948	0.0369879	0.431396	-2.31806	0.0158337	2.78943	2.78943	0.621958	0.841559	-1.18827	0.411472	0.747161	-1.3384	0.138511	0.574933	-1.73933	0.530067	1.24704	1.24704	0.83699	1.07412	1.07412	0.489321	0.783669	-1.27605	0.950431	1.02181	1.02181	2.46742	4.70745	1.69586	1
cg21122529	CHERP	0.108948	0.266652	0.910925	-1.09779	0.0093218	0.766542	-1.30456	0.129623	0.876348	-1.1411	0.405537	0.9337	-1.07101	0.406033	0.933771	-1.07093	0.597427	0.957948	-1.0439	0.466937	0.942072	-1.06149	0.252374	0.908118	-1.10118	0.01084	0.772653	-1.29424	2.46741	0.253939	0.0914818	1
cg21518432	SHC4;SHC4	0.108949	0.898722	0.973161	-1.02758	0.617398	1.11361	1.11361	0.985343	0.996083	-1.00393	0.128596	0.704032	-1.42039	0.0757314	0.655502	-1.52555	0.936141	0.983025	-1.01727	0.0828486	0.663416	-1.50735	0.0140278	0.523061	-1.91182	0.213549	1.32293	1.32293	2.46741	1.78393	0.642663	1
cg01152015	IGSF9B	0.108949	0.0798234	0.418468	-2.38967	0.072966	0.408077	-2.45052	0.979042	0.988296	-1.01184	0.293068	0.613354	-1.63038	0.0404057	0.346129	-2.8891	0.423503	0.693264	-1.44245	0.0107516	0.237806	-4.2051	0.0832815	0.423476	-2.36141	0.644432	0.811989	-1.23154	2.46741	7.84849	2.82743	1
cg23856090	KIF5C	0.108949	0.450907	0.838707	-1.19231	0.979959	1.00577	1.00577	0.516651	0.860222	-1.16249	0.307054	0.784957	-1.27395	0.0399378	0.580571	-1.72244	0.103614	0.665266	-1.50316	0.033155	1.76873	1.76873	0.220457	1.34311	1.34311	0.407353	0.823596	-1.21419	2.46741	2.04898	0.738149	1
cg21458041	TNP2	0.108949	0.209775	1.74321	1.74321	0.0458806	0.382079	-2.61726	0.0509272	0.39263	-2.54693	0.755532	0.876946	-1.14032	0.0132397	0.275041	-3.63583	0.317948	0.647916	-1.54341	0.806536	0.901985	-1.10867	0.658491	0.829432	-1.20565	0.790399	0.894046	-1.11851	2.46741	6.90746	2.48843	1
cg21515898	LEF1;LOC641518;LEF1;LEF1;LEF1	0.108949	0.980492	0.981988	-1.01834	0.661786	1.38753	1.38753	0.0997602	3.89684	3.89684	0.4802	0.585779	-1.70713	0.718908	0.764262	-1.30845	0.833577	0.855182	-1.16934	0.59212	1.49571	1.49571	0.0379196	6.24333	6.24333	0.00856669	13.371	13.371	2.61838	22.4327	6.66354	1
cg26295435	RLTPR	0.10895	0.0252218	3.21566	3.21566	0.228222	1.74207	1.74207	0.0618195	2.51705	2.51705	0.0227523	3.30832	3.30832	0.144174	1.99087	1.99087	0.924598	0.959304	-1.04242	0.468667	1.38208	1.38208	0.178834	1.87165	1.87165	0.0478092	2.69974	2.69974	2.4674	7.52739	2.71177	1
cg14725537	PLP1;PLP1;PLP1;PLP1;PLP1	0.10895	0.147358	0.447367	-2.2353	0.0220522	0.241584	-4.13935	0.181411	0.479984	-2.0834	0.921534	0.950304	-1.0523	0.0526821	0.319962	-3.12537	0.0160994	0.217913	-4.58898	0.364779	0.61767	-1.61899	0.735259	0.838965	-1.19195	0.721767	1.20321	1.20321	2.46739	10.4598	3.76818	1
cg04790129	ITGB2;ITGB2;ITGB2	0.108951	0.202301	0.689204	-1.45095	0.0307021	0.495667	-2.01748	0.00601458	0.370672	-2.69781	0.121026	0.628216	-1.59181	0.308128	0.74701	-1.33867	0.672383	0.889045	-1.1248	0.390775	0.784161	-1.27525	0.144629	0.648409	-1.54224	0.191782	0.682441	-1.46533	2.46739	2.98756	1.07629	1
cg22927788	PDE3A	0.108952	0.77763	1.05518	1.05518	0.269134	1.244	1.244	0.0367258	1.5847	1.5847	0.392064	1.18099	1.18099	0.385787	1.18374	1.18374	0.518608	0.883249	-1.13218	0.02724	0.609114	-1.64173	0.759738	0.943466	-1.05992	0.0929497	1.42002	1.42002	2.46738	1.4065	0.506699	1
cg11989257	CCDC46;CCDC46	0.108955	0.474957	1.1657	1.1657	0.117436	0.698475	-1.43169	0.613877	0.898197	-1.11334	0.0311037	1.70568	1.70568	0.915065	1.02277	1.02277	0.136436	1.40298	1.40298	0.027586	1.73288	1.73288	0.620713	1.11101	1.11101	0.180684	1.34981	1.34981	2.46735	1.7403	0.626962	1
cg03569645	COL12A1;COL12A1	0.108959	0.737558	1.04371	1.04371	0.273918	1.15584	1.15584	0.0996459	1.25804	1.25804	0.0559464	1.31711	1.31711	0.74771	1.04191	1.04191	0.474608	0.911651	-1.09691	0.0201669	0.700158	-1.42825	0.508645	0.918242	-1.08904	0.375611	1.12263	1.12263	2.46731	0.632332	0.227809	1
cg06876079	CXorf22	0.108959	0.108429	0.515568	-1.93961	0.00971888	0.290142	-3.44658	0.204112	0.60229	-1.66033	0.417019	1.3686	1.3686	0.0469303	0.422979	-2.36419	0.0939891	0.498263	-2.00697	0.375865	0.709062	-1.41031	0.608418	0.82243	-1.21591	0.356889	0.698743	-1.43114	2.4673	5.59264	2.01484	1
cg10404142	SKIV2L;SKIV2L;RDBP	0.10896	?	?	?	0.68665	1.22568	1.22568	?	?	?	0.0417672	0.250233	-3.99628	?	?	?	?	?	?	0.472465	0.689686	-1.44993	0.100462	2.71171	2.71171	0.243192	1.89889	1.89889	3.82614	7.29379	1.52504	1
cg00290158	C20orf30;C20orf30;C20orf30;C20orf30	0.108962	0.173867	0.32998	-3.03048	0.304286	0.442499	-2.25989	0.43968	0.546644	-1.82934	0.717917	0.75729	-1.3205	0.114631	0.268491	-3.72452	0.17225	0.328429	-3.0448	0.0113232	0.0880098	-11.3624	0.0135688	0.0962502	-10.3896	0.185605	0.341078	-2.93188	2.46728	22.9489	8.26783	1
cg06505261	MAP7;MAP7	0.108963	0.302793	0.853179	-1.17209	0.121973	0.779299	-1.2832	0.121003	1.28418	1.28418	0.84492	0.971289	-1.02956	0.981226	0.996506	-1.00351	0.0187327	0.654572	-1.52771	0.73474	1.05189	1.05189	0.0796299	1.33561	1.33561	0.779248	1.04269	1.04269	2.46727	0.864691	0.311524	1
cg27534624	MIR141;MIR200C	0.108963	0.104714	0.648198	-1.54274	0.196207	0.715949	-1.39675	0.0947294	0.638254	-1.56677	0.0622951	0.59865	-1.67042	0.0382937	0.556001	-1.79856	0.233046	0.736582	-1.35762	0.108249	1.53483	1.53483	0.566991	0.868068	-1.15198	0.194372	0.714853	-1.39889	2.46726	2.33599	0.841595	1
cg12246527	MAP2K5;MAP2K5	0.108966	0.133017	0.693951	-1.44102	0.977013	0.993526	-1.00652	0.182497	1.37563	1.37563	0.022142	0.538831	-1.85587	0.712554	0.919969	-1.08699	0.748607	1.07517	1.07517	0.800429	1.05876	1.05876	0.322832	1.25885	1.25885	0.0450541	1.67933	1.67933	2.46724	1.98551	0.715333	1
cg03498304	CENPT;THAP11	0.108967	0.635705	1.08718	1.08718	0.136188	1.3248	1.3248	0.0450418	1.49612	1.49612	0.853695	1.03286	1.03286	0.324955	1.19489	1.19489	0.134715	1.32642	1.32642	0.0215218	0.616527	-1.62199	0.304204	1.2049	1.2049	0.611103	1.09399	1.09399	2.46723	1.19899	0.431971	1
cg09161211	TRAF7	0.10897	0.41435	0.858939	-1.16423	0.0731722	1.43928	1.43928	0.478004	0.876817	-1.14049	0.647333	0.91949	-1.08756	0.481799	0.877842	-1.13916	0.496141	1.1342	1.1342	0.00961772	1.81719	1.81719	0.111153	1.37197	1.37197	0.971392	1.00656	1.00656	2.4672	1.29762	0.467511	1
cg06891663	C14orf43;C14orf43	0.108972	0.416617	0.842938	-1.18633	0.170464	1.35045	1.35045	0.0527216	1.57338	1.57338	0.102674	1.44414	1.44414	0.977557	0.994227	-1.00581	0.682626	0.91887	-1.08829	0.0125344	1.89488	1.89488	0.49354	1.15385	1.15385	0.471901	0.860189	-1.16253	2.46718	1.65513	0.596319	1
cg19744952	CIC	0.108972	0.288499	1.26039	1.26039	0.336703	0.812178	-1.23126	0.759619	0.937576	-1.06658	0.658154	1.09804	1.09804	0.644549	0.90704	-1.10249	0.026036	1.74153	1.74153	0.901945	0.974445	-1.02622	0.0159464	1.85858	1.85858	0.106664	1.44769	1.44769	2.46718	1.72359	0.620984	1
cg25360747	LSM5;LSM5;LSM5;LSM5	0.108973	0.234439	0.823382	-1.2145	0.552983	1.0981	1.0981	0.415572	1.13854	1.13854	0.292424	0.843401	-1.18568	0.882914	1.02324	1.02324	0.0595258	0.71777	-1.3932	0.319499	1.17398	1.17398	0.014897	1.59509	1.59509	0.444491	1.12924	1.12924	2.46717	0.949967	0.342261	1
cg14476331	ARID1B;ARID1B;ARID1B	0.108978	0.387457	0.791285	-1.26377	0.402955	0.797569	-1.25381	0.0310487	0.512245	-1.95219	0.99782	0.999278	-1.00072	0.288791	0.747513	-1.33777	0.0208428	0.479504	-2.08549	0.160355	0.672773	-1.48638	0.902545	0.968146	-1.0329	0.0163333	0.460313	-2.17244	2.46712	2.72878	0.983167	1
cg21738108	TCF3;TCF3	0.108978	0.136219	0.59674	-1.67577	0.125175	1.70526	1.70526	0.84996	1.06279	1.06279	0.45794	0.784231	-1.27513	0.15975	0.616883	-1.62105	0.008502	0.339589	-2.94474	0.579909	1.19696	1.19696	0.807213	1.08179	1.08179	0.508876	0.806146	-1.24047	2.46712	4.04036	1.45572	1
cg04875995	WHAMM	0.108979	0.0434526	0.68473	-1.46043	0.0450793	1.455	1.455	0.701055	1.06493	1.06493	0.284311	0.834104	-1.19889	0.161086	0.783396	-1.27649	0.366796	0.85967	-1.16324	0.0576046	0.704564	-1.41932	0.317981	0.845066	-1.18334	0.359378	0.857534	-1.16613	2.46711	1.0393	0.374453	1
cg08462055	ZNF609	0.108982	0.139722	0.563873	-1.77345	0.403426	1.36104	1.36104	0.247446	1.54645	1.54645	0.337292	0.70002	-1.42853	0.0108031	0.315267	-3.17191	0.52664	0.793511	-1.26022	0.813027	0.918124	-1.08918	0.431462	1.33572	1.33572	0.0900326	0.50986	-1.96132	2.46708	5.07862	1.82982	1
cg02246645	ASCL1	0.108984	0.637257	0.929573	-1.07576	0.485174	1.11523	1.11523	0.143659	1.27326	1.27326	0.0519338	1.40499	1.40499	0.908413	0.982461	-1.01785	0.249233	0.830965	-1.20342	0.0193928	0.647493	-1.54442	0.350472	0.862636	-1.15924	0.574662	1.0911	1.0911	2.46706	0.923726	0.332821	1
cg25067547	PHLDB3	0.108984	0.909512	1.03157	1.03157	0.014661	2.27383	2.27383	0.0941287	1.65392	1.65392	0.944075	1.01936	1.01936	0.337949	0.76334	-1.31003	0.122545	0.632894	-1.58004	0.135171	1.55313	1.55313	0.234697	1.40569	1.40569	0.879217	1.04245	1.04245	2.46706	2.92019	1.05215	1
cg16152482	ATP5E;ATP5E	0.108986	0.214814	1.23986	1.23986	0.300807	0.838176	-1.19307	0.314087	0.84247	-1.18699	0.165138	1.27606	1.27606	0.023341	0.640054	-1.56237	0.195726	1.25268	1.25268	0.0935441	0.738096	-1.35484	0.9716	1.00588	1.00588	0.442524	0.879041	-1.1376	2.46704	1.05925	0.381653	1
cg04402891	NCRNA00029	0.108986	0.795716	1.06936	1.06936	0.00334951	2.80628	2.80628	0.593657	1.14935	1.14935	0.857792	1.04745	1.04745	0.513252	0.842505	-1.18694	0.205817	0.708246	-1.41194	0.61388	0.876779	-1.14054	0.56253	1.16338	1.16338	0.550809	1.16883	1.16883	2.46704	2.61036	0.940529	1
cg19092363	MCF2L;MCF2L	0.108989	0.116483	2.3253	2.3253	0.759719	1.16389	1.16389	0.31698	1.66827	1.66827	0.0875139	2.54263	2.54263	0.229293	1.8666	1.8666	0.825191	1.11565	1.11565	0.014084	4.47868	4.47868	0.0310225	3.49945	3.49945	0.0464664	3.09033	3.09033	2.46701	9.56335	3.44577	1
cg11976166	TGFB2;TGFB2	0.108989	0.0200511	0.564993	-1.76993	0.987378	1.00322	1.00322	0.175983	1.34015	1.34015	0.39505	1.19393	1.19393	0.154809	0.733548	-1.36324	0.582462	1.11962	1.11962	0.84937	0.962049	-1.03945	0.233095	1.28972	1.28972	0.0733056	1.50139	1.50139	2.467	1.6179	0.582947	1
cg05343665	EPS8	0.108989	0.54751	1.49096	1.49096	0.00697095	9.87898	9.87898	0.0211439	6.16682	6.16682	0.74561	1.23815	1.23815	0.423961	0.585158	-1.70894	0.555026	1.47961	1.47961	0.990536	1.00781	1.00781	0.28028	2.0886	2.0886	0.726987	1.25862	1.25862	2.467	16.825	6.06223	1
cg00676660	ADAMTS9	0.108993	0.0520566	1.90983	1.90983	0.72571	1.10863	1.10863	0.987038	1.00477	1.00477	0.0344405	0.4857	-2.05888	0.121704	0.61191	-1.63423	0.169498	1.53489	1.53489	0.688865	1.12506	1.12506	0.150353	1.57044	1.57044	0.464236	1.24369	1.24369	2.46697	3.34879	1.20662	1
cg04042582	ATP6V1B2	0.108994	0.148348	0.615491	-1.62472	0.579256	1.19163	1.19163	0.860569	1.05658	1.05658	0.269893	0.697928	-1.43281	0.210896	0.661895	-1.51081	0.177019	0.638151	-1.56703	0.800565	1.08249	1.08249	0.00407187	0.299091	-3.34346	0.789311	0.919583	-1.08745	2.46696	3.8286	1.37951	1
cg20460488	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.108998	0.0678143	0.227766	-4.39046	0.098197	3.71279	3.71279	0.0919987	3.82468	3.82468	0.370007	1.94605	1.94605	0.205972	2.62441	2.62441	0.418246	0.549791	-1.81887	0.633045	0.706187	-1.41606	0.0584302	4.69475	4.69475	0.447054	0.570943	-1.75149	2.46692	20.4356	7.3634	1
cg01104425	RUNX3;RUNX3	0.108998	0.624908	0.894518	-1.11792	0.245337	1.3164	1.3164	0.00311247	0.400584	-2.49636	0.987679	0.996513	-1.0035	0.696062	1.09287	1.09287	0.4149	0.828173	-1.20748	0.793076	0.942261	-1.06128	0.418427	0.829403	-1.20569	0.665707	1.10333	1.10333	2.46692	1.99954	0.720483	1
cg24005360	THOC3	0.109001	0.628404	0.896376	-1.1156	0.592431	1.12886	1.12886	0.0829297	1.5383	1.5383	0.112434	0.678651	-1.47351	0.0133405	0.502775	-1.98896	0.412345	1.20685	1.20685	0.373461	1.22745	1.22745	0.603136	1.12486	1.12486	0.553265	1.144	1.144	2.46689	1.96587	0.708358	1
cg08102688	RHEBL1	0.109001	?	?	?	0.158587	2.21879	2.21879	0.0292246	4.28871	4.28871	0.969675	0.980957	-1.01941	0.471108	0.687317	-1.45493	0.151546	0.44312	-2.25672	?	?	?	?	?	?	0.177689	2.12652	2.12652	3.23958	8.02975	2.06553	1
cg22396409	EGFR;EGFR;EGFR;EGFR	0.109002	0.071812	0.504449	-1.98236	0.402015	0.746765	-1.33911	0.12218	0.565337	-1.76886	0.243154	0.659811	-1.51558	0.00538038	0.287177	-3.48218	0.18965	0.623138	-1.60478	0.156586	0.596968	-1.67513	0.119343	0.562459	-1.77791	0.114263	0.557181	-1.79475	2.46688	4.52852	1.63176	1
cg00786178	PDE10A;PDE10A	0.109003	0.797957	1.04883	1.04883	0.180763	1.30229	1.30229	0.636218	0.915255	-1.09259	0.525832	0.887389	-1.1269	0.198487	0.776806	-1.28732	0.00976194	0.544787	-1.83558	0.0853397	1.42405	1.42405	0.964296	0.991715	-1.00835	0.568945	0.898529	-1.11293	2.46687	1.34956	0.486288	1
cg15958289	DCPS	0.109003	0.102956	0.201646	-4.95919	0.0111098	0.0574072	-17.4194	0.0860528	0.182217	-5.48797	0.69426	0.701456	-1.42561	0.0284098	0.0980885	-10.1949	0.586292	0.610644	-1.63761	0.0750785	0.168778	-5.92494	0.199939	0.296599	-3.37155	0.543865	0.576119	-1.73575	2.46687	31.4768	11.3421	1
cg17017161	BRD1;LOC90834	0.109004	0.550071	1.40855	1.40855	0.00824165	6.78217	6.78217	0.252914	1.96695	1.96695	0.217395	2.08582	2.08582	0.275619	0.525978	-1.90122	0.455102	1.53878	1.53878	0.103874	0.365157	-2.73855	0.687708	1.25723	1.25723	0.803566	1.15164	1.15164	2.46686	12.5383	4.51795	1
cg01276031	KCNK10;KCNK10;KCNK10	0.109005	0.934245	0.984099	-1.01616	0.960444	0.990412	-1.00968	0.409492	0.848869	-1.17804	0.0233624	0.590792	-1.69264	0.292944	0.809024	-1.23606	0.889222	1.02744	1.02744	0.0221588	1.70362	1.70362	0.278046	0.803238	-1.24496	0.208931	0.77315	-1.29341	2.46685	1.47413	0.531179	1
cg00099427	CCDC19	0.109005	0.044632	5.66308	5.66308	0.134994	3.35963	3.35963	0.077135	4.38438	4.38438	0.132938	3.38465	3.38465	0.405193	0.527028	-1.89743	0.330544	2.12784	2.12784	0.0284865	6.9881	6.9881	0.930106	1.0682	1.0682	0.0582108	5.00236	5.00236	2.46685	22.0983	7.96274	1
cg07576714	PRDM16;PRDM16	0.109005	0.035745	0.582619	-1.71639	0.786037	0.941619	-1.062	0.0227266	0.547262	-1.82728	0.329553	0.800552	-1.24914	0.0410623	0.593831	-1.68398	0.344768	0.80643	-1.24003	0.309149	1.26199	1.26199	0.685815	1.09408	1.09408	0.227107	0.755528	-1.32358	2.46685	1.90953	0.688068	1
cg25423280	PDIA3;CATSPER2P1	0.109006	0.271404	0.876199	-1.14129	0.107481	1.2248	1.2248	0.712169	0.958127	-1.0437	0.0572535	1.28182	1.28182	0.0609182	1.27612	1.27612	0.7194	0.959213	-1.04252	0.172777	0.845797	-1.18232	0.116101	1.21789	1.21789	0.412662	0.907847	-1.10151	2.46684	0.520546	0.187571	1
cg25848398	C2orf72	0.109007	0.697217	0.929556	-1.07578	0.0536284	1.50597	1.50597	0.0519482	1.51154	1.51154	0.991832	0.998089	-1.00191	0.738174	1.06468	1.06468	0.787269	0.950722	-1.05183	0.0250482	0.607736	-1.64545	0.257229	0.801794	-1.2472	0.609579	1.10101	1.10101	2.46683	1.36365	0.491374	1
cg02488653	HCCA2	0.109007	0.21847	2.31013	2.31013	0.0110201	7.86816	7.86816	0.124552	2.93208	2.93208	0.072533	3.65518	3.65518	0.492328	1.57003	1.57003	0.31957	1.9452	1.9452	0.0573239	4.01843	4.01843	0.819375	0.862469	-1.15946	0.0537821	4.12274	4.12274	2.46683	16.3484	5.89092	1
cg16375820	IL6ST;IL6ST	0.109009	0.258476	0.517135	-1.93373	0.387658	0.609426	-1.64089	0.0464521	0.279249	-3.58103	0.97715	0.984109	-1.01615	0.00543579	0.129276	-7.7354	0.963337	0.974619	-1.02604	0.0703158	0.322544	-3.10035	0.93377	0.954577	-1.04758	0.63433	0.764906	-1.30735	2.46681	12.2218	4.40398	1
cg10661615	PRLHR	0.109009	0.311004	1.21567	1.21567	0.368228	0.841814	-1.18791	0.365613	1.18909	1.18909	0.329308	1.20632	1.20632	0.636184	0.915046	-1.09284	0.487841	0.876938	-1.14033	0.0130788	0.563545	-1.77448	0.34488	1.19873	1.19873	0.0783435	1.43958	1.43958	2.46681	1.35621	0.488696	1
cg02876211	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.109009	0.330096	1.26202	1.26202	0.347798	0.799444	-1.25087	0.0939609	0.652836	-1.53178	0.853634	0.958139	-1.04369	0.0539129	0.602477	-1.65981	0.0373987	0.571604	-1.74946	0.329784	0.792251	-1.26223	0.139388	1.44532	1.44532	0.147864	0.698027	-1.43261	2.46681	2.09476	0.754827	1
cg25703784	WDR46;WDR46	0.109009	0.0579165	0.343718	-2.90936	0.00954814	0.194924	-5.13021	0.0718362	0.367455	-2.72142	0.727648	0.840157	-1.19025	0.075626	0.373375	-2.67827	0.144909	0.458445	-2.18129	0.277193	0.569506	-1.75591	0.699912	1.21281	1.21281	0.58123	0.757654	-1.31986	2.46681	9.69525	3.49359	1
cg12706983	ZSCAN16	0.109014	0.427318	0.802922	-1.24545	0.200714	1.44198	1.44198	0.0298903	0.500579	-1.99769	0.112412	0.626211	-1.5969	0.274974	0.735205	-1.36017	0.189859	0.68656	-1.45654	0.0191792	0.464176	-2.15436	0.268981	0.732133	-1.36587	0.975214	1.00845	1.00845	2.46676	2.86558	1.0326	1
cg08726598	C12orf76	0.109015	0.125293	0.487357	-2.05188	0.54958	0.769286	-1.29991	0.451222	0.717104	-1.3945	0.258329	0.599927	-1.66687	0.00269402	0.165903	-6.02763	0.258259	0.599878	-1.66701	0.973888	1.01428	1.01428	0.775045	1.13216	1.13216	0.608843	0.799642	-1.25056	2.46676	7.33194	2.64205	1
cg17862837	BRE;BRE;BRE;BRE;BRE	0.109015	0.25912	1.49816	1.49816	0.733071	1.12473	1.12473	0.2829	1.46683	1.46683	0.670835	0.863478	-1.15811	0.00858517	0.316321	-3.16135	0.841873	1.07099	1.07099	0.328842	0.70749	-1.41345	0.0880454	1.90856	1.90856	0.958344	1.0181	1.0181	2.46676	4.60579	1.65968	1
cg02006610	PURG;WRN;PURG	0.109016	0.0766383	0.0938982	-10.6498	0.432971	0.382446	-2.61475	0.670571	0.598122	-1.6719	0.514296	0.451853	-2.21311	0.0247042	0.04026	-24.8386	0.172233	0.174593	-5.72762	0.0189517	0.0329396	-30.3586	0.0299498	0.0465307	-21.4912	0.199502	0.196277	-5.09483	2.46674	56.3691	20.3126	1
cg00960580	UBB	0.109016	0.310271	0.861428	-1.16086	0.504077	0.908173	-1.10111	0.583272	1.0819	1.0819	0.0511878	0.729444	-1.37091	0.216658	0.831355	-1.20286	0.121653	0.78789	-1.26921	0.103565	0.776529	-1.28778	0.00692574	0.608656	-1.64296	0.358997	0.87459	-1.14339	2.46674	0.788574	0.284163	1
cg14829409	LARP7;LARP7	0.10902	0.540453	1.28549	1.28549	0.337651	1.4927	1.4927	0.951308	0.975556	-1.02506	0.0412379	2.59676	2.59676	0.262905	0.623116	-1.60484	0.334583	0.668116	-1.49675	0.0463985	2.52082	2.52082	0.0360333	2.68654	2.68654	0.214683	1.69783	1.69783	2.4667	6.41612	2.31208	1
cg10638604	AQP9;AQP9	0.10902	0.183473	0.538606	-1.85664	0.122385	2.08347	2.08347	0.815907	1.10766	1.10766	0.778958	1.13131	1.13131	0.0458121	0.36649	-2.72859	0.7322	1.16254	1.16254	0.479331	0.729568	-1.37067	0.0147024	0.268021	-3.73106	0.380257	0.673932	-1.48383	2.4667	7.51028	2.70637	1
cg24048283	TXNRD2	0.109024	0.958005	0.973282	-1.02745	0.0464996	0.309548	-3.23051	0.0440242	0.304188	-3.28744	0.0375992	0.289232	-3.45743	0.0458821	0.30823	-3.24433	0.0829685	0.372591	-2.68391	0.125017	0.425709	-2.34903	0.172777	0.474174	-2.10893	0.108732	0.406695	-2.45885	2.46666	10.3327	3.72351	1
cg13003878	AMBP	0.109029	0.44843	0.597883	-1.67257	0.0262143	5.78836	5.78836	0.561221	1.4787	1.4787	0.194482	0.400976	-2.49392	0.717855	0.785374	-1.27328	0.748262	1.23911	1.23911	0.631096	0.724605	-1.38006	0.0180668	0.147779	-6.76684	0.367565	0.539961	-1.85198	2.46661	17.3181	6.2409	1
cg04504217	HLA-DPB1	0.109029	0.947965	0.985145	-1.01508	0.578312	0.879182	-1.13742	0.0526353	0.603369	-1.65736	0.964403	0.989818	-1.01029	0.0559713	0.608673	-1.64292	0.894528	0.970041	-1.03088	0.0158194	1.96977	1.96977	0.994198	0.998334	-1.00167	0.425659	0.829817	-1.20508	2.46661	2.05433	0.740316	1
cg04317344	ATP11A;ATP11A	0.109032	0.0226428	0.454582	-2.19982	0.311531	0.739004	-1.35317	0.059959	0.541687	-1.84609	0.0930878	0.586435	-1.70522	0.196959	0.674316	-1.48298	0.0427536	0.509795	-1.96157	0.422462	0.789229	-1.26706	0.810545	0.932975	-1.07184	0.0255684	0.464715	-2.15186	2.46658	3.26001	1.17482	1
cg18865990	SLC25A30	0.109033	0.0242084	0.459536	-2.17611	0.786782	0.924546	-1.08161	0.0313067	0.481436	-2.07712	0.15871	0.646662	-1.5464	0.433564	0.793555	-1.26015	0.649544	1.14153	1.14153	0.925595	1.0274	1.0274	0.904941	1.03517	1.03517	0.023541	0.457207	-2.18719	2.46658	3.27094	1.17876	1
cg05076914	SMOC2;SMOC2	0.109034	0.206668	0.813724	-1.22892	0.150453	0.787771	-1.2694	0.887271	1.0222	1.0222	0.0786638	1.35293	1.35293	0.585441	0.918285	-1.08899	0.835503	1.0327	1.0327	0.0593517	0.719325	-1.39019	0.041937	1.43739	1.43739	0.460507	0.890215	-1.12332	2.46657	0.935778	0.337231	1
cg13210820	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.109034	0.356326	1.22538	1.22538	0.975612	1.00657	1.00657	0.212606	0.754846	-1.32477	0.0163039	0.533015	-1.87612	0.197118	1.33926	1.33926	0.702942	1.08555	1.08555	0.0460537	1.63193	1.63193	0.658463	0.909097	-1.09999	0.739058	1.07424	1.07424	2.46656	1.79293	0.646126	1
cg17703212	DYDC1;DYDC2	0.109035	0.168671	0.674776	-1.48197	0.038076	0.524748	-1.90568	0.0791474	0.592869	-1.68671	0.849747	0.950407	-1.05218	0.0185837	0.465144	-2.14987	0.107593	0.624389	-1.60157	0.0673691	0.577097	-1.73281	0.0695162	0.58013	-1.72375	0.653483	0.885859	-1.12885	2.46655	2.81003	1.01267	1
cg12668043	C7orf33;C7orf33	0.109035	0.0100623	3.9191	3.9191	0.248265	1.66121	1.66121	0.940739	0.969219	-1.03176	0.11614	2.0504	2.0504	0.625271	0.813036	-1.22996	0.680122	0.840015	-1.19045	0.520318	0.760315	-1.31524	0.116355	2.04939	2.04939	0.0786013	2.27386	2.27386	2.46655	6.90775	2.4894	1
cg19534021	TPM4	0.109035	0.0971287	0.32344	-3.09177	0.727059	1.24264	1.24264	0.797023	0.852326	-1.17326	0.633134	0.742211	-1.34732	0.0134097	0.14982	-6.67468	0.664998	1.31009	1.31009	0.115011	0.345615	-2.89339	0.0215325	0.180592	-5.53736	0.532391	0.675667	-1.48002	2.46655	15.0138	5.41062	1
cg21240847	FANCC	0.109041	0.796323	1.05376	1.05376	0.570625	0.890446	-1.12303	0.279403	0.796391	-1.25566	0.0114942	1.8966	1.8966	0.980067	1.00507	1.00507	0.0309075	1.67037	1.67037	0.305852	0.806831	-1.23942	0.783254	0.945705	-1.05741	0.877184	1.0318	1.0318	2.46649	1.60107	0.577004	1
cg16699074	CEACAM7	0.109041	0.848435	0.891371	-1.12187	0.101385	0.340263	-2.93891	0.220993	2.16687	2.16687	0.110918	2.84012	2.84012	0.402855	1.67286	1.67286	0.127175	2.69515	2.69515	0.0237561	0.19748	-5.06381	0.825408	1.14201	1.14201	0.67415	1.28938	1.28938	2.46649	14.1111	5.08544	1
cg08676614	ADAMTS18	0.109043	0.940018	1.0115	1.0115	0.0856397	0.749327	-1.33453	0.784816	1.04245	1.04245	0.0306427	0.67994	-1.47072	0.249072	0.832772	-1.20081	0.369269	0.869302	-1.15035	0.0909104	1.32695	1.32695	0.0453742	0.705637	-1.41716	0.952657	1.00906	1.00906	2.46647	0.901295	0.324817	1
cg02178774	LOC729991;RFXANK;LOC729991-MEF2B;LOC729991-MEF2B;LOC729991-MEF2B;LOC729991;RFXANK	0.109046	?	?	?	0.416236	1.11642	1.11642	0.280989	1.16012	1.16012	0.698304	1.05298	1.05298	0.0106682	1.53031	1.53031	0.566427	0.926062	-1.07984	0.276312	0.86063	-1.16194	0.489884	0.911223	-1.09743	0.0766404	1.29826	1.29826	2.49208	0.616348	0.247323	1
cg10993503	PMF1	0.109048	0.0753983	1.20414	1.20414	0.209178	1.13227	1.13227	0.198396	0.880246	-1.13605	0.903263	1.01148	1.01148	0.497428	1.06678	1.06678	0.588818	0.950075	-1.05255	0.00708973	1.38609	1.38609	0.973359	1.00314	1.00314	0.388591	1.08646	1.08646	2.46642	0.344003	0.123977	1
cg10753610	ITGB3	0.109049	0.139127	0.428371	-2.33443	0.452962	1.49734	1.49734	0.31329	0.575818	-1.73666	0.037609	0.272499	-3.66974	0.23455	0.516423	-1.9364	0.343127	0.596564	-1.67627	0.0851623	0.361325	-2.76759	0.00928036	0.164274	-6.08739	0.390925	0.628408	-1.59132	2.61725	11.2493	3.343	1
cg19836423	MS4A15;MS4A15	0.10905	0.560733	0.832967	-1.20053	0.359022	1.34047	1.34047	0.253965	0.690655	-1.4479	0.0092078	2.79323	2.79323	0.956292	1.01717	1.01717	0.821895	1.07256	1.07256	0.0856531	0.5542	-1.8044	0.256806	1.44443	1.44443	0.467929	1.25792	1.25792	2.46641	3.77061	1.35892	1
cg22714094	NPY1R	0.109053	0.623301	1.21904	1.21904	0.00582711	4.23994	4.23994	0.18779	1.74795	1.74795	0.340134	1.48188	1.48188	0.297473	1.54052	1.54052	0.138185	1.89389	1.89389	?	?	?	0.317061	0.661137	-1.51255	0.58372	1.24781	1.24781	2.49201	5.61538	2.25335	1
cg07180188	CNST;CNST	0.109054	0.110774	0.715999	-1.39665	0.703106	0.929021	-1.0764	0.164608	0.751964	-1.32985	0.288771	1.23581	1.23581	0.15559	0.746666	-1.33929	0.33746	1.2094	1.2094	0.0229145	1.68753	1.68753	0.29586	0.811875	-1.23172	0.454664	0.863794	-1.15768	2.46636	1.44393	0.520399	1
cg11723896	TAF15;TAF15	0.109055	0.0969501	0.800006	-1.24999	0.337799	1.12865	1.12865	0.979831	1.0031	1.0031	0.235088	0.85863	-1.16465	0.747876	0.96127	-1.04029	0.0884809	1.25882	1.25882	0.0129345	0.685317	-1.45918	0.59432	1.06805	1.06805	0.73813	0.959738	-1.04195	2.46635	0.585934	0.211175	1
cg22801561	MSI2;MSI2	0.109056	0.25707	0.667319	-1.49853	0.087629	0.524793	-1.90551	0.0154399	0.361958	-2.76275	0.130494	0.572091	-1.74797	0.101109	0.541206	-1.84773	0.840554	1.07131	1.07131	0.109126	0.550216	-1.81747	0.677466	1.15377	1.15377	0.0506816	0.466995	-2.14135	2.46635	4.56781	1.64627	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10072078	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.109059	0.827534	1.22691	1.22691	?	?	?	0.00906602	0.0331646	-30.1526	0.278292	2.91844	2.91844	0.953526	0.946868	-1.05611	0.217033	0.289574	-3.45335	0.545119	1.77914	1.77914	?	?	?	0.777214	1.3047	1.3047	2.88268	29.6738	8.82327	1
cg14270760	GLI2	0.109059	0.650429	0.818263	-1.2221	0.857225	0.923879	-1.08239	0.157641	1.94308	1.94308	0.908933	0.950938	-1.05159	0.252588	0.591322	-1.69112	0.286661	0.614815	-1.62651	0.0437631	0.360953	-2.77045	0.0364685	0.343409	-2.91198	0.093835	2.24796	2.24796	2.46631	7.55004	2.72113	1
cg05155864	ARL15	0.10906	0.100239	0.406978	-2.45713	0.383537	0.640141	-1.56216	0.0273435	0.271632	-3.68145	0.246709	0.546239	-1.8307	0.00600763	0.166592	-6.00268	0.523285	0.724022	-1.38117	0.831661	0.899184	-1.11212	0.695995	0.821991	-1.21656	0.182738	0.493694	-2.02555	2.46631	9.73434	3.50838	1
cg13584095	CDH22	0.109061	0.0276062	0.291838	-3.42655	0.702391	1.19903	1.19903	0.662775	1.23056	1.23056	0.871345	0.926231	-1.07964	0.097734	0.423585	-2.3608	0.404045	0.667846	-1.49735	0.0155061	0.245668	-4.07053	0.171901	0.502791	-1.9889	0.104337	0.431934	-2.31517	2.4663	8.73196	3.14712	1
cg10174397	RPL27	0.109062	0.0671411	0.710846	-1.40677	0.336688	1.17912	1.17912	0.0751121	1.3905	1.3905	0.0574178	0.699433	-1.42973	0.0966416	0.738318	-1.35443	0.856829	0.970407	-1.03049	0.175365	0.786854	-1.27088	0.523097	0.89794	-1.11366	0.534037	1.11044	1.11044	2.46629	1.08074	0.389515	1
cg04363470	PPFIBP2	0.109062	0.967491	0.987501	-1.01266	0.175208	1.56041	1.56041	0.250147	0.690116	-1.44903	0.074204	1.84783	1.84783	0.104524	1.72914	1.72914	0.105242	1.72683	1.72683	0.024625	2.28416	2.28416	0.0654895	1.89277	1.89277	0.449446	1.26854	1.26854	2.46628	3.72054	1.34095	1
cg04905834	CACNA1H;CACNA1H	0.109064	0.256741	0.825388	-1.21155	0.0850747	0.734425	-1.36161	0.0578684	0.706364	-1.4157	0.842324	0.968228	-1.03281	0.371277	0.861717	-1.16047	0.0926993	1.34977	1.34977	0.0553957	1.42194	1.42194	0.842055	0.968174	-1.03287	0.408844	0.872017	-1.14677	2.46626	1.02656	0.369994	1
cg18953011	CACNG1	0.109065	0.109736	0.416224	-2.40255	0.530175	1.3767	1.3767	0.0387432	0.300213	-3.33096	0.166923	0.476741	-2.09757	0.0110514	0.201451	-4.96399	0.477333	0.695432	-1.43795	0.182936	0.491425	-2.0349	0.0925473	0.394314	-2.53605	0.470153	0.691168	-1.44683	2.46625	9.87162	3.55794	1
cg07458500	THOP1	0.109066	0.214632	0.702945	-1.42259	0.133998	0.646592	-1.54657	0.799282	1.07117	1.07117	0.927901	0.975877	-1.02472	0.0425751	1.87758	1.87758	0.2038	0.696364	-1.43603	0.865119	1.04694	1.04694	0.454561	0.814217	-1.22817	0.0192928	0.465984	-2.146	2.46625	2.84353	1.02487	1
cg17168103	ZNF498	0.10907	0.249961	1.19241	1.19241	0.264701	0.843537	-1.18548	0.937344	0.988559	-1.01157	0.121603	1.27845	1.27845	0.189551	1.22557	1.22557	0.0791564	1.33015	1.33015	0.0398169	1.41602	1.41602	0.164438	0.804833	-1.24249	0.353497	0.869591	-1.14997	2.46621	0.83682	0.301613	1
cg06962782	C7orf51	0.109075	0.326432	0.683178	-1.46375	0.0201597	0.348602	-2.8686	0.00443423	0.239824	-4.16973	0.616534	0.827071	-1.20909	0.502433	0.77417	-1.29171	0.67863	0.854975	-1.16962	0.882276	0.9458	-1.05731	0.631299	0.833744	-1.19941	0.678316	0.854834	-1.16982	2.46616	5.52348	1.99085	1
cg18004262	KLF15	0.109075	0.717476	1.27727	1.27727	0.707509	0.775807	-1.28898	0.938106	1.0537	1.0537	0.596981	1.43244	1.43244	0.420949	0.574809	-1.73971	0.214158	2.41292	2.41292	0.277216	0.467152	-2.14063	0.00800027	0.101361	-9.86574	0.0548472	0.230709	-4.33446	2.46615	17.7165	6.38564	1
cg18709589	KIAA0776	0.109076	0.304792	0.46438	-2.15341	0.615339	1.44149	1.44149	0.59078	1.47964	1.47964	0.641969	1.4021	1.4021	0.418288	0.550471	-1.81663	0.715581	1.3023	1.3023	0.00315957	0.0544113	-18.3785	0.645154	1.39751	1.39751	0.713022	1.30557	1.30557	2.46615	20.3486	7.33437	1
cg03094285	CPZ;CPZ;CPZ	0.109077	0.322222	0.571449	-1.74994	0.194601	0.471964	-2.11881	0.013806	0.189118	-5.28772	0.980813	0.986927	-1.01325	0.0119626	0.179798	-5.5618	0.551136	0.718925	-1.39097	0.384776	0.614081	-1.62845	0.067883	0.326586	-3.06198	0.656608	0.78281	-1.27745	2.46613	11.6958	4.21563	1
cg00806259	ESRP2	0.109079	0.967757	1.01204	1.01204	0.928143	1.02706	1.02706	0.155515	0.637699	-1.56814	0.855666	1.05538	1.05538	0.00593203	0.344631	-2.90165	0.347018	0.750774	-1.33196	0.802967	1.07681	1.07681	0.687517	0.88719	-1.12715	0.0327068	0.47724	-2.09538	2.46612	3.42264	1.23366	1
cg16301857	COPS3	0.10908	0.4505	0.836613	-1.1953	0.0701523	1.59956	1.59956	0.193614	0.726769	-1.37595	0.0295043	0.551722	-1.81251	0.690125	0.91121	-1.09744	0.0484305	0.592637	-1.68737	0.890187	0.968456	-1.03257	0.757165	0.930566	-1.07462	0.25302	1.31916	1.31916	2.46611	2.10259	0.757861	1
cg11759172	COBL	0.10908	0.645377	0.784582	-1.27456	0.858586	0.910853	-1.09787	0.856202	0.909402	-1.09962	0.0669833	2.93002	2.93002	0.39114	1.5841	1.5841	0.285899	1.78649	1.78649	0.978836	0.986208	-1.01399	0.00575665	6.65036	6.65036	0.097409	2.59162	2.59162	2.4661	10.7058	3.85885	1
cg26902098	ARSB	0.109083	0.110851	0.740018	-1.35132	0.0230638	1.60159	1.60159	0.0317852	1.54681	1.54681	0.741799	0.944307	-1.05898	0.818291	0.9609	-1.04069	0.28108	1.21431	1.21431	0.141963	1.31475	1.31475	0.60098	1.09577	1.09577	0.525661	1.11791	1.11791	2.46607	1.17325	0.422894	1
cg25780109	NMNAT3	0.109086	0.36671	1.41278	1.41278	0.513341	1.28021	1.28021	0.217261	0.61647	-1.62214	0.0349148	2.49937	2.49937	0.363005	0.705826	-1.41678	0.296379	1.49701	1.49701	0.635049	0.836797	-1.19503	0.0149799	3.04837	3.04837	0.854053	0.933683	-1.07103	2.46605	5.42356	1.95493	1
cg01807820	SCNN1A;SCNN1A;SCNN1A	0.109088	0.0532756	20.2165	20.2165	0.10731	11.099	11.099	0.143023	8.63109	8.63109	0.139685	8.81312	8.81312	0.065374	16.9847	16.9847	0.0952835	12.3005	12.3005	0.0591248	18.5021	18.5021	0.0203305	46.0584	46.0584	0.0909836	12.7995	12.7995	2.46603	73.2291	26.3957	1
cg17003199	EPN2;EPN2;EPN2	0.109089	0.768632	1.06826	1.06826	0.0104925	2.05651	2.05651	0.156798	1.40357	1.40357	0.877316	0.966009	-1.03519	0.611227	1.1216	1.1216	0.104257	1.48821	1.48821	0.0296935	1.7734	1.7734	0.865027	0.962631	-1.03882	0.528864	0.866909	-1.15352	2.46601	1.95722	0.705491	1
cg13759808	ZNHIT2;ZNHIT2	0.109093	0.643653	1.26492	1.26492	0.568855	0.74789	-1.3371	0.732444	1.18901	1.18901	0.313466	0.590999	-1.69205	0.134891	0.443465	-2.25497	0.15385	0.462902	-2.16028	0.432913	1.49741	1.49741	0.00457049	0.148821	-6.71947	0.723028	0.835667	-1.19665	2.46598	9.93994	3.58296	1
cg21729214	ANKLE2	0.109093	0.423972	0.791718	-1.26308	0.0158938	0.42971	-2.32715	0.105462	0.602982	-1.65842	0.342944	0.756208	-1.32239	0.484831	0.816258	-1.2251	0.115621	0.613129	-1.63098	0.0115204	0.405025	-2.46898	0.903795	0.966008	-1.03519	0.915644	1.03077	1.03077	2.46597	3.1947	1.15157	1
cg05293216	FANCG	0.109094	0.0293866	0.125907	-7.94239	0.21548	2.86611	2.86611	0.375231	2.08555	2.08555	0.639099	1.46446	1.46446	0.0585671	0.178023	-5.61725	0.300208	2.37994	2.37994	0.134198	3.68575	3.68575	0.35251	0.461761	-2.16562	0.665434	1.42103	1.42103	2.46597	25.4766	9.18336	1
cg24149191	PPP1R13B	0.109094	0.0810706	0.706813	-1.4148	0.580116	0.904615	-1.10544	0.0411313	1.52611	1.52611	0.172497	1.29756	1.29756	0.0967338	1.38693	1.38693	0.127942	0.744349	-1.34346	0.83994	1.03695	1.03695	0.33403	0.836317	-1.19572	0.940203	0.986631	-1.01355	2.46596	1.25696	0.453086	1
cg18902742	FEZF2	0.109095	0.229942	1.30722	1.30722	0.759247	0.936711	-1.06756	0.0314232	1.71053	1.71053	0.205283	1.32874	1.32874	0.767937	1.06496	1.06496	0.200517	0.750075	-1.3332	0.276914	0.786218	-1.27191	0.0487301	1.61409	1.61409	0.106036	1.45566	1.45566	2.46596	1.76675	0.63685	1
cg27614038	AZI2;AZI2;AZI2	0.109099	0.15027	0.768218	-1.30171	0.350819	1.17845	1.17845	0.142033	1.30986	1.30986	0.143846	0.764509	-1.30803	0.426562	1.14892	1.14892	0.0753303	0.712783	-1.40295	0.198468	0.792648	-1.26159	0.0753114	1.40299	1.40299	0.669517	1.07618	1.07618	2.46591	1.14189	0.411617	1
cg04963153	DNAJA4;DNAJA4	0.1091	0.440313	0.835983	-1.1962	0.489503	1.17329	1.17329	0.311564	1.26912	1.26912	0.151728	1.41852	1.41852	0.00640761	0.44602	-2.24205	0.334027	1.2546	1.2546	0.615651	1.12213	1.12213	0.768286	0.934957	-1.06957	0.594072	0.884747	-1.13027	2.46591	2.02386	0.729543	1
cg11521404	GJA3	0.109101	0.397247	0.676886	-1.47735	0.0982827	0.442043	-2.26222	0.320252	0.629783	-1.58785	0.906398	1.05438	1.05438	0.567507	0.770922	-1.29715	0.316894	0.627623	-1.59331	0.0624519	2.57035	2.57035	0.032198	3.09388	3.09388	0.230129	1.76267	1.76267	2.46589	7.91579	2.85343	1
cg26160086	DNAJB6	0.109102	0.238635	0.668891	-1.49501	0.723075	0.890541	-1.12291	0.199102	0.642687	-1.55597	0.013352	0.368393	-2.71449	0.0405626	0.462752	-2.16099	0.0291968	0.432885	-2.31008	0.560621	1.21133	1.21133	0.531876	0.813574	-1.22914	0.402282	0.756319	-1.32219	2.46589	4.14606	1.49455	1
cg02076869	CNPY1	0.109103	0.0183483	0.183049	-5.46301	0.198964	2.23739	2.23739	0.165921	2.40272	2.40272	0.520754	0.679627	-1.47139	0.196069	0.44436	-2.25043	0.88855	0.920174	-1.08675	0.0507523	0.26698	-3.7456	0.669272	1.29038	1.29038	0.953196	0.965775	-1.03544	2.46588	13.7476	4.95567	1
cg22584089	POLR2E	0.109103	0.277188	1.30298	1.30298	0.613064	0.887436	-1.12684	0.475354	0.843679	-1.18528	0.388125	1.23015	1.23015	0.496088	1.17568	1.17568	0.840657	1.04827	1.04827	0.0162181	0.502294	-1.99087	0.30691	1.28107	1.28107	0.0364974	1.76685	1.76685	2.46588	2.1417	0.772031	1
cg22717650	C17orf71	0.109104	0.159289	0.638771	-1.56551	0.453215	0.796372	-1.25569	0.0777709	0.557611	-1.79337	0.613813	1.16373	1.16373	0.00823558	0.365286	-2.73758	0.146828	0.628772	-1.5904	0.294557	0.723292	-1.38257	0.604788	1.16832	1.16832	0.0988235	0.583162	-1.71479	2.46587	3.46772	1.25003	1
cg00307530	HTR4;HTR4	0.109105	0.62864	1.12753	1.12753	0.0527016	0.581333	-1.72019	0.0554002	0.58579	-1.7071	0.320048	1.28797	1.28797	0.0317675	0.537979	-1.85881	0.113161	0.654016	-1.52901	0.888031	1.03531	1.03531	0.147077	0.681656	-1.46702	0.262416	0.749914	-1.33349	2.46585	2.36899	0.853973	1
cg20250570	GTPBP4	0.109105	0.465016	0.876021	-1.14153	0.0591404	0.684335	-1.46127	0.615065	0.913695	-1.09446	0.456348	1.14459	1.14459	0.388333	1.17045	1.17045	0.0725338	1.42858	1.42858	0.0198185	0.606062	-1.65	0.543934	0.896421	-1.11555	0.681461	1.07624	1.07624	2.46585	1.23756	0.446115	1
cg25719102	ACY1	0.109109	0.0846951	0.490291	-2.0396	0.726306	1.14038	1.14038	0.15375	0.565036	-1.7698	0.603075	0.821934	-1.21664	0.00946069	0.292524	-3.41853	0.0711449	0.470723	-2.12439	0.0459833	0.425326	-2.35114	0.355923	0.701209	-1.42611	0.657055	0.846175	-1.18179	2.46582	5.45671	1.96706	1
cg25487903	DNM2;DNM2;DNM2;MIR638;DNM2	0.109111	0.658404	1.05012	1.05012	0.577169	1.06387	1.06387	0.730706	1.03871	1.03871	0.97997	0.997244	-1.00276	0.737224	1.03771	1.03771	0.816742	1.02584	1.02584	0.10763	0.824479	-1.21289	0.407215	1.09767	1.09767	0.0036186	1.54166	1.54166	2.4658	0.47185	0.170096	1
cg13346441	BID;BID;BID	0.109113	0.117395	2.75711	2.75711	0.0175486	5.60425	5.60425	0.285869	0.516352	-1.93666	0.289503	1.92635	1.92635	0.102194	2.90556	2.90556	0.186156	2.30676	2.30676	0.0859171	3.10102	3.10102	0.129885	2.65292	2.65292	0.660663	0.768405	-1.3014	2.46578	13.8876	5.00635	1
cg24641901	C11orf75	0.109113	0.449237	1.13465	1.13465	0.139371	1.29772	1.29772	0.0463792	0.688111	-1.45325	0.148529	1.289	1.289	0.745321	0.948007	-1.05485	0.834525	1.03486	1.03486	0.0961797	1.3489	1.3489	0.393054	0.866464	-1.15412	0.0793933	0.726869	-1.37576	2.46577	1.04811	0.377834	1
cg03274069	AVPR2;AVPR2;AVPR2	0.109114	0.893084	1.06985	1.06985	0.814758	1.12507	1.12507	0.93685	1.04059	1.04059	0.153343	0.464091	-2.15475	0.0487578	0.323011	-3.09587	0.218954	1.91393	1.91393	0.0107994	0.200338	-4.99157	0.943344	1.03633	1.03633	0.219156	0.522649	-1.91333	2.46577	9.84526	3.54913	1
cg27160141	C4orf23	0.109114	0.829617	0.894638	-1.11777	0.0109235	0.191966	-5.20925	0.738676	0.841162	-1.18883	0.754033	0.850114	-1.17631	0.0265059	0.256956	-3.89171	0.323773	0.590669	-1.693	0.863822	0.915132	-1.09274	0.444276	1.49618	1.49618	0.0622024	0.338034	-2.95828	2.46577	10.4233	3.75751	1
cg24442913	CALCA;CALCA;CALCA	0.109116	0.181403	1.84937	1.84937	0.197387	0.55404	-1.80492	0.0260435	0.318345	-3.14124	0.449927	0.716311	-1.39604	0.567532	0.778475	-1.28456	0.170793	0.531496	-1.88148	0.0276159	0.323449	-3.09168	0.352595	1.51366	1.51366	0.900923	0.947456	-1.05546	2.46574	7.33412	2.64391	1
cg15994159	RAI1	0.109117	0.0629323	0.499585	-2.00166	0.92512	1.03167	1.03167	0.146784	1.67626	1.67626	0.995498	0.99813	-1.00187	0.108612	0.559607	-1.78697	0.267188	0.681519	-1.46731	0.0241455	0.409892	-2.43967	0.113485	0.564803	-1.77053	0.177195	0.621414	-1.60923	2.46574	4.29685	1.549	1
cg16305379	HOXC12	0.109117	0.760041	0.929215	-1.07618	0.777286	1.07032	1.07032	0.94343	0.983137	-1.01715	0.246005	1.33745	1.33745	0.229963	0.739452	-1.35235	0.686886	1.10198	1.10198	0.0715157	0.617365	-1.61979	0.893838	1.03251	1.03251	0.00613317	0.424425	-2.35613	2.46574	2.24279	0.808517	1
cg05498914	MTMR14;MTMR14;MTMR14	0.10912	0.338308	0.781521	-1.27956	0.223664	0.726665	-1.37615	0.243003	0.737028	-1.3568	0.0349792	1.84716	1.84716	0.175004	1.4337	1.4337	0.0794192	1.62625	1.62625	0.0977346	1.57419	1.57419	0.655476	1.11869	1.11869	0.329873	1.28547	1.28547	2.46571	2.43581	0.87811	1
cg16705627	SOX1;SOX1	0.109123	0.159102	1.47661	1.47661	0.25037	1.36489	1.36489	0.929378	0.977304	-1.02322	0.872457	0.959245	-1.04249	0.139243	0.662234	-1.51004	0.0841361	0.60963	-1.64034	0.847361	0.951317	-1.05117	0.985461	1.00473	1.00473	0.0148711	2.17243	2.17243	2.46567	2.61923	0.944248	1
cg19402238	FAM59B	0.109124	0.715788	1.14173	1.14173	0.0261443	2.60271	2.60271	0.469637	0.765934	-1.30559	0.355655	0.708634	-1.41116	0.572534	1.22962	1.22962	0.753167	1.12115	1.12115	0.0171756	2.86516	2.86516	0.0618916	2.14287	2.14287	0.640682	1.18578	1.18578	2.46567	5.13129	1.84986	1
cg05128498	COL6A2;COL6A2;COL6A2	0.109124	0.543863	0.900611	-1.11036	0.606168	0.915201	-1.09266	0.333579	0.843716	-1.18523	0.893561	1.02307	1.02307	0.575919	0.9082	-1.10108	0.16287	1.28894	1.28894	0.00470067	1.89673	1.89673	0.275859	1.21306	1.21306	0.709141	1.06593	1.06593	2.46567	1.13375	0.408726	1
cg23679434	LILRB3;LILRB3	0.109126	0.0594704	0.242394	-4.12552	0.352351	1.89189	1.89189	0.110111	0.313455	-3.19025	0.305805	0.493429	-2.02663	0.0251089	0.169514	-5.89922	0.501997	0.635132	-1.57448	0.0588822	0.241398	-4.14253	0.0842849	0.280185	-3.56907	0.118535	0.323396	-3.09218	2.46565	17.3307	6.24788	1
cg08632680	ACCS;ACCS;ACCS	0.109127	0.119931	19.2967	19.2967	0.143684	15.744	15.744	0.784609	1.61716	1.61716	0.129067	17.7715	17.7715	0.400085	0.220628	-4.53251	0.42242	4.21103	4.21103	0.0160423	176.091	176.091	0.773954	0.603367	-1.65737	0.0309304	85.2315	85.2315	2.46564	120.204	43.3349	1
cg06530558	UNC13C	0.109129	0.0303257	0.358007	-2.79325	0.367377	0.688268	-1.45292	0.194927	0.575144	-1.7387	0.628086	1.21768	1.21768	0.0315809	0.36168	-2.76487	0.308537	0.653631	-1.52991	0.258516	0.621485	-1.60905	0.150593	1.86188	1.86188	0.120925	0.507364	-1.97097	2.46562	6.35623	2.29151	1
cg07044282	ANGPTL1;ANGPTL1;RALGPS2	0.109129	0.0546134	0.394133	-2.53722	0.0170272	0.288682	-3.46402	0.0877362	0.447161	-2.23633	0.906614	0.95112	-1.05139	0.0989292	0.461819	-2.16535	0.0885411	0.448256	-2.23087	0.0556373	0.396079	-2.52475	0.0984636	0.461233	-2.1681	0.429306	0.708536	-1.41136	2.46562	7.12141	2.56737	1
cg22324358	C7orf27	0.109133	0.0404847	0.468341	-2.1352	0.697829	0.882428	-1.13324	0.117611	0.579932	-1.72434	0.812164	1.07931	1.07931	0.00862723	0.34176	-2.92603	0.0646414	0.514085	-1.9452	0.542365	0.82061	-1.21861	0.361258	0.740173	-1.35103	0.162204	0.619766	-1.61351	2.46558	4.01332	1.44688	1
cg06416760	TFAP4	0.109134	0.70958	1.11177	1.11177	0.0352723	2.00259	2.00259	0.170966	0.661728	-1.51119	0.816786	1.06794	1.06794	0.151384	0.647005	-1.54558	0.618188	1.15294	1.15294	0.127821	1.59408	1.59408	0.468357	1.23241	1.23241	0.0331328	2.02481	2.02481	2.46557	3.13247	1.12932	1
cg19058585	FBLN7;FBLN7	0.109139	0.975214	1.01258	1.01258	0.281668	1.56886	1.56886	0.600187	0.808259	-1.23723	0.59394	1.24184	1.24184	0.879439	0.940735	-1.063	0.00627098	0.238491	-4.19303	0.579565	1.25264	1.25264	0.667542	0.840357	-1.18997	0.0511319	0.409	-2.44499	2.46551	6.32638	2.28084	1
cg00803062	TMEM44;TMEM44;TMEM44;TMEM44	0.109143	0.113904	0.734517	-1.36144	0.0718879	1.43398	1.43398	0.076768	1.42347	1.42347	0.728463	1.06452	1.06452	0.125893	0.742974	-1.34594	0.159415	0.763574	-1.30963	0.280869	1.22272	1.22272	0.850994	1.03431	1.03431	0.243894	0.803544	-1.24449	2.46548	1.25666	0.453068	1
cg13920818	PTPN2;PTPN2;PTPN2	0.109143	0.00296941	0.247338	-4.04304	0.875286	1.05529	1.05529	0.266074	1.48745	1.48745	0.975374	1.01063	1.01063	0.588996	1.20551	1.20551	0.58517	0.827903	-1.20787	0.805099	0.91878	-1.0884	0.554716	0.814871	-1.22719	0.606855	1.19464	1.19464	2.46547	4.58409	1.65272	1
cg24226973	GRIN2B	0.109145	0.895893	1.02857	1.02857	0.0809126	1.5166	1.5166	0.503238	0.863999	-1.15741	0.522429	0.869797	-1.14969	0.334839	0.80733	-1.23865	0.329345	1.24188	1.24188	0.00638459	0.465927	-2.14626	0.856702	0.961851	-1.03966	0.799165	0.946616	-1.05639	2.46545	1.80807	0.651879	1
cg10753889	APOA1	0.109146	0.135684	0.588078	-1.70046	0.281395	0.691	-1.44718	0.462527	0.78121	-1.28006	0.0378163	0.451498	-2.21485	0.0140428	0.36745	-2.72146	0.328668	0.716876	-1.39494	0.0621278	0.499891	-2.00043	0.0390484	0.454479	-2.20032	0.150682	0.601379	-1.66285	2.46545	4.25614	1.5345	1
cg00488788	ONECUT1	0.109146	0.856702	1.07009	1.07009	0.845023	0.929282	-1.0761	0.00235501	4.905	4.905	0.878028	0.94407	-1.05924	0.906526	1.04501	1.04501	0.671569	1.17331	1.17331	0.94688	0.975339	-1.02528	0.589461	1.2265	1.2265	0.129516	1.8475	1.8475	2.46544	5.48411	1.97724	1
cg27436190	ZNF236	0.109147	0.382703	0.789667	-1.26636	0.48741	0.830178	-1.20456	0.907992	1.03097	1.03097	0.450423	0.816394	-1.2249	0.00935041	0.419168	-2.38568	0.0202351	0.477779	-2.09302	0.0678747	0.583056	-1.7151	0.793869	0.933256	-1.07152	0.183277	0.689034	-1.45131	2.46543	2.7171	0.979626	1
cg08975560	CDT1	0.109149	0.887462	1.07032	1.07032	0.0110406	4.88662	4.88662	0.150618	2.11113	2.11113	0.0443064	0.32206	-3.10501	0.43125	1.47207	1.47207	0.755347	1.1619	1.1619	0.926103	1.04552	1.04552	0.47662	1.41646	1.41646	0.307596	1.66442	1.66442	2.61613	9.33961	2.77668	1
cg01879988	BMP1;BMP1;BMP1	0.10915	0.00403155	0.159609	-6.26531	0.595997	0.775546	-1.28941	0.54783	0.74907	-1.33499	0.118971	0.447582	-2.23423	0.28335	0.588886	-1.69812	0.0649195	0.373551	-2.67701	0.102076	0.42739	-2.33978	0.675108	0.818516	-1.22172	0.429112	0.681497	-1.46736	2.46541	8.81212	3.17716	1
cg12449813	LOC145837	0.10915	0.420523	0.804307	-1.24331	0.126449	1.54883	1.54883	0.672682	1.11901	1.11901	0.980532	0.993564	-1.00648	0.00417088	0.362057	-2.762	0.538325	0.848001	-1.17924	0.983023	1.00565	1.00565	0.901029	1.03347	1.03347	0.549608	1.17376	1.17376	2.4654	2.73432	0.985845	1
cg00794279	ZNF114	0.109151	0.94235	1.02153	1.02153	0.217152	0.682234	-1.46577	0.485736	0.811723	-1.23195	0.226554	1.45341	1.45341	0.686658	1.12685	1.12685	0.541072	0.833429	-1.19986	0.00727696	2.77158	2.77158	0.559143	0.840341	-1.18999	0.173991	0.653174	-1.53099	2.4654	3.38615	1.22086	1
ch.6.215100R	TXNDC5;TXNDC5	0.109158	0.152362	0.694255	-1.44039	0.85592	1.04421	1.04421	0.336124	0.789724	-1.26627	0.0171612	0.500915	-1.99635	0.919186	1.02445	1.02445	0.691892	0.909547	-1.09945	0.0109776	0.467835	-2.13751	0.159618	0.699279	-1.43005	0.204876	0.727306	-1.37494	2.46533	2.21217	0.79761	1
cg11349423	OPCML	0.109159	0.0898411	2.43905	2.43905	0.313543	0.608326	-1.64386	0.0602205	2.74752	2.74752	0.117601	2.24891	2.24891	0.0591278	2.76248	2.76248	0.299485	1.66988	1.66988	0.0222034	3.69601	3.69601	0.288776	1.69065	1.69065	0.981034	1.0114	1.0114	2.46531	8.87835	3.20116	1
cg06799321	CES3;CES3	0.109161	0.436342	0.650283	-1.53779	0.18096	2.15924	2.15924	0.475531	1.48173	1.48173	0.0296278	4.00551	4.00551	0.447175	0.657136	-1.52175	0.667185	1.26421	1.26421	0.123431	2.47029	2.47029	0.0129782	5.31672	5.31672	0.521173	1.42248	1.42248	2.4653	11.4672	4.13462	1
cg03663955	MIR377	0.109162	0.0448685	3.76501	3.76501	0.226339	0.481177	-2.07824	0.988517	0.991747	-1.00832	0.310869	1.82901	1.82901	0.125621	2.5972	2.5972	0.875552	0.913705	-1.09445	0.0506982	3.60411	3.60411	0.142138	2.48115	2.48115	0.0371951	4.02636	4.02636	2.46529	12.9468	4.66811	1
cg01476569	ATMIN	0.109163	0.823676	0.976093	-1.02449	0.732425	0.963472	-1.03791	0.0299252	1.31912	1.31912	0.0278154	1.32567	1.32567	0.219522	1.15027	1.15027	0.953762	1.00631	1.00631	0.657525	0.952773	-1.04957	0.542119	0.935279	-1.0692	0.0877097	0.815159	-1.22676	2.46528	0.459038	0.165512	1
cg25369184	HIST1H4F	0.109163	0.984198	1.00368	1.00368	0.211449	1.27662	1.27662	0.739733	0.940026	-1.0638	0.636217	0.915405	-1.09241	0.81796	1.0437	1.0437	0.868735	0.969782	-1.03116	0.00697954	1.91045	1.91045	0.039717	1.5545	1.5545	0.155273	1.32594	1.32594	2.46528	1.34368	0.484481	1
cg00441765	INSR;INSR	0.109163	0.0429748	0.526483	-1.8994	0.0883321	0.595738	-1.67859	0.404842	0.790755	-1.26461	0.12047	0.628819	-1.59028	0.0837896	0.59033	-1.69397	0.492599	0.825343	-1.21162	0.161253	0.662252	-1.51	0.933415	0.977246	-1.02328	0.00872032	0.39831	-2.51061	2.46528	2.96234	1.06811	1
cg01942164	NUMB;NUMB;NUMB;NUMB	0.109163	0.195103	1.63244	1.63244	0.0744427	2.04754	2.04754	0.12445	1.81678	1.81678	0.985075	1.00665	1.00665	0.0190892	2.82048	2.82048	?	?	?	0.119442	1.83436	1.83436	0.0379431	2.39496	2.39496	0.814532	0.920043	-1.08691	2.64038	4.57381	1.51573	1
cg03867037	CTBP1;CTBP1	0.109164	0.0533951	0.645047	-1.55027	0.336928	1.21874	1.21874	0.622189	1.10433	1.10433	0.409096	0.84477	-1.18375	0.214768	0.770329	-1.29815	0.237384	0.780887	-1.28059	0.0182877	1.77225	1.77225	0.596087	1.1128	1.1128	0.546126	0.885105	-1.12981	2.46527	1.55878	0.562039	1
cg16615954	PAX6;PAX6;PAX6	0.109166	0.174033	2.06387	2.06387	0.0474005	3.11578	3.11578	0.0778696	2.66909	2.66909	0.441239	1.48212	1.48212	0.0693109	2.76805	2.76805	0.0679832	2.78481	2.78481	0.0152973	4.44576	4.44576	0.0704235	2.75432	2.75432	0.378537	1.57252	1.57252	2.46525	9.80192	3.53426	1
cg14097425	LOC554202	0.109166	0.628402	1.1857	1.1857	0.0803027	0.507817	-1.96921	0.798629	0.914579	-1.0934	0.310191	1.44306	1.44306	0.841239	0.932348	-1.07256	0.901761	0.957786	-1.04408	0.583351	0.824094	-1.21345	0.00550386	3.57725	3.57725	0.763166	0.899828	-1.11132	2.46524	4.76299	1.71738	1
cg04088433	DCN;DCN	0.109168	0.814738	0.917409	-1.09003	0.744822	0.886976	-1.12743	0.114328	0.532188	-1.87903	0.825472	0.922096	-1.08449	0.0411718	0.421	-2.37529	0.304498	1.47776	1.47776	0.0905875	0.504211	-1.9833	0.0377991	2.42209	2.42209	0.740028	1.13008	1.13008	2.46523	5.26579	1.89869	1
cg22427475	C1orf173	0.109173	0.863323	0.970921	-1.02995	0.104973	1.35451	1.35451	0.958157	1.00903	1.00903	0.556633	0.903182	-1.1072	0.894307	0.977491	-1.02303	0.213534	0.799042	-1.2515	0.0466116	0.676873	-1.47738	0.0175786	0.609673	-1.64022	0.117966	0.747698	-1.33744	2.46518	1.14533	0.412978	1
cg13900327	LOC284632	0.109175	0.561553	0.866787	-1.15369	0.753273	0.926077	-1.07982	0.0650718	1.65612	1.65612	0.679536	0.90378	-1.10646	0.44731	1.2076	1.2076	0.832588	1.05291	1.05291	0.00784625	0.435648	-2.29543	0.253289	0.747826	-1.33721	0.524006	1.17031	1.17031	2.46516	2.31591	0.835072	1
cg10530362	TARBP2;TARBP2;TARBP2;TARBP2	0.109177	0.0683618	1.83236	1.83236	0.0966225	0.581979	-1.71828	0.643091	0.870675	-1.14853	0.784342	1.08482	1.08482	0.225515	1.459	1.459	0.879521	0.955984	-1.04604	0.0150651	0.412054	-2.42686	0.494681	1.2285	1.2285	0.904389	0.964966	-1.03631	2.46514	3.43867	1.23993	1
cg27299021	ADARB2	0.109181	0.150846	0.840706	-1.18948	0.0346328	0.757591	-1.31997	0.393608	0.90621	-1.1035	0.177895	1.1751	1.1751	0.755323	0.965383	-1.03586	0.903154	1.01381	1.01381	0.0300883	1.33308	1.33308	0.304723	0.88711	-1.12726	0.765576	0.966862	-1.03427	2.4651	0.495889	0.178812	1
cg13172724	FLJ90757	0.109184	0.0151945	2.34919	2.34919	0.841162	0.94415	-1.05915	0.190096	0.672025	-1.48804	0.737092	1.10131	1.10131	0.483534	1.22622	1.22622	0.519313	1.20575	1.20575	0.0276063	2.10861	2.10861	0.632068	0.870952	-1.14817	0.367252	0.766994	-1.30379	2.46507	3.20259	1.15484	1
cg22538054	USP44;USP44	0.109186	0.541589	0.830357	-1.2043	0.826687	1.06819	1.06819	0.110956	1.68613	1.68613	0.0304664	0.465288	-2.14921	0.0165977	0.414715	-2.4113	0.235189	0.687766	-1.45398	0.471813	0.802366	-1.24631	0.974036	1.00984	1.00984	0.788308	1.08433	1.08433	2.46505	3.53353	1.27418	1
cg21575187	RMND5B	0.109186	0.558409	1.09089	1.09089	0.312291	1.16607	1.16607	0.605204	1.07966	1.07966	0.501587	1.10545	1.10545	0.926368	0.986505	-1.01368	0.767686	0.957391	-1.0445	0.0463857	0.715066	-1.39847	0.0953836	1.30906	1.30906	0.013534	1.56709	1.56709	2.46505	0.843518	0.30417	1
cg21090457	ROBO2;ROBO2	0.109191	0.163397	0.451084	-2.21688	0.1302	2.39837	2.39837	0.57746	1.35148	1.35148	0.582501	0.742941	-1.346	0.0195047	0.2207	-4.53103	0.691824	0.807976	-1.23766	0.213875	0.49637	-2.01462	0.119071	2.47282	2.47282	0.261845	0.534626	-1.87047	2.465	11.1821	4.03232	1
cg02331812	FOXR1	0.109192	0.584167	1.16656	1.16656	0.0531823	1.84472	1.84472	0.79408	1.07564	1.07564	0.396037	0.784843	-1.27414	0.999981	1.00001	1.00001	0.786053	1.07879	1.07879	0.0309153	2.02656	2.02656	0.485056	1.21867	1.21867	0.0316226	0.495391	-2.01861	2.46499	3.0333	1.09382	1
cg19041648	ABCB4;ABCB4;ABCB4	0.109195	0.521053	1.46783	1.46783	0.138491	2.56254	2.56254	0.441218	1.58942	1.58942	0.22791	2.11015	2.11015	0.154241	2.45926	2.45926	0.0161177	0.17601	-5.6815	?	?	?	0.218883	2.14462	2.14462	0.584352	1.38534	1.38534	2.49056	12.206	4.90092	1
cg00159780	REXO1L2P;REXO1L1	0.109197	0.0782075	0.222794	-4.48846	0.168761	0.32457	-3.081	0.0971786	0.247354	-4.04278	0.138428	0.294027	-3.40105	0.0384902	0.158842	-6.29555	0.0849207	0.231783	-4.31439	0.107934	0.26027	-3.84216	0.0882992	0.236176	-4.23413	0.0181916	0.110764	-9.02822	2.46494	22.9891	8.29016	1
cg27190145	DAAM2	0.109197	0.178512	3.32495	3.32495	0.249685	2.7489	2.7489	0.394682	2.08082	2.08082	0.171201	3.40284	3.40284	0.464038	1.8709	1.8709	0.0923451	4.74509	4.74509	0.00640647	19.713	19.713	0.0308355	8.42593	8.42593	0.187721	3.23317	3.23317	2.46494	27.5815	9.94625	1
cg13695877	QKI;QKI;QKI;QKI	0.109198	0.00387677	0.2945	-3.39558	0.583864	1.18986	1.18986	0.613126	1.17378	1.17378	0.189726	0.646278	-1.54732	0.317598	0.722774	-1.38356	0.247175	0.683678	-1.46268	0.460908	0.789848	-1.26607	0.529412	1.22168	1.22168	0.970008	1.01189	1.01189	2.46493	3.85567	1.39041	1
cg27143082	C6orf27	0.109198	0.0466446	0.349095	-2.86455	0.739769	0.857283	-1.16648	0.317	1.61261	1.61261	0.675732	0.823383	-1.2145	0.0679251	0.388871	-2.57155	0.134606	0.474638	-2.10687	0.0205145	0.275424	-3.63077	0.1042	0.440175	-2.27182	0.182224	0.519952	-1.92325	2.46493	8.33081	3.00421	1
cg03196220	USP37;RQCD1	0.109201	0.0755803	0.717629	-1.39348	0.279777	1.20741	1.20741	0.327033	0.843895	-1.18498	0.195966	1.25783	1.25783	0.387858	1.16005	1.16005	0.0692999	1.40618	1.40618	0.306561	1.19431	1.19431	0.663078	1.07631	1.07631	0.0272272	1.5502	1.5502	2.46491	1.09849	0.396134	1
cg14707053	TAF8	0.109201	0.0993028	0.22265	-4.49135	0.0878085	0.208774	-4.78986	0.504473	1.75616	1.75616	0.281935	0.394686	-2.53366	0.0335076	0.126808	-7.88594	0.384709	0.476646	-2.09799	0.0249381	0.108766	-9.19408	0.0518388	0.15888	-6.29407	0.225473	0.347025	-2.88164	2.46491	26.9851	9.7313	1
cg07841385	TUBB	0.109201	0.144888	0.714507	-1.39957	0.56511	1.13299	1.13299	0.12521	1.42806	1.42806	0.498773	1.15886	1.15886	0.388314	0.827097	-1.20905	0.034893	1.69532	1.69532	0.0749314	0.653218	-1.53088	0.59098	0.890047	-1.12354	0.196902	1.34033	1.34033	2.4649	1.7996	0.648967	1
cg19949550	ASB2;ASB2	0.109203	0.283217	0.820217	-1.21919	0.00397795	1.99023	1.99023	0.154355	1.31128	1.31128	0.655127	1.08319	1.08319	0.808857	1.04402	1.04402	0.855483	1.03294	1.03294	0.651005	0.922244	-1.08431	0.529857	0.893041	-1.11977	0.775008	0.950336	-1.05226	2.46488	1.23341	0.444794	1
cg02395768	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.109203	0.393165	1.63812	1.63812	0.989579	0.992685	-1.00737	0.165142	2.31792	2.31792	0.598633	1.34853	1.34853	0.568248	0.722699	-1.3837	0.49274	0.675323	-1.48077	0.981666	1.013	1.013	0.0166917	0.183414	-5.45215	0.0348801	4.1214	4.1214	2.61552	12.8157	3.81101	1
cg15712267	DNAJB1	0.109204	0.0519367	0.238768	-4.18816	0.245539	2.19599	2.19599	0.793448	1.18524	1.18524	0.257784	2.1486	2.1486	0.018378	0.156788	-6.37805	0.81799	0.861316	-1.16101	0.148293	2.72996	2.72996	0.653552	0.746319	-1.33991	0.569721	0.689296	-1.45076	2.46487	16.3746	5.90506	1
cg18986713	LEPROTL1;LEPROTL1	0.109204	0.969751	1.00544	1.00544	0.117081	1.27583	1.27583	0.0337144	1.42598	1.42598	0.589975	0.925109	-1.08095	0.91478	1.01543	1.01543	0.853659	0.973925	-1.02677	0.375198	0.877892	-1.13909	0.0676776	1.34029	1.34029	0.0226902	1.47745	1.47745	2.46487	0.799292	0.288243	1
cg19936016	CTBP1;CTBP1	0.109207	0.520301	0.761104	-1.31388	0.104135	2.10493	2.10493	0.160302	1.87453	1.87453	0.348863	1.4978	1.4978	0.0640287	0.418157	-2.39144	0.222961	1.70991	1.70991	0.0612233	0.413304	-2.41953	0.21619	1.72494	1.72494	0.6493	1.2114	1.2114	2.46484	6.85026	2.47039	1
cg00954541	PMVK;PMVK	0.109208	0.00472297	0.58668	-1.70451	0.397478	1.13098	1.13098	0.94574	0.990377	-1.00972	0.220702	0.832839	-1.20071	0.439692	1.11847	1.11847	0.782037	0.961364	-1.04019	0.444668	0.895207	-1.11706	0.142012	0.799091	-1.25142	0.258195	0.84568	-1.18248	2.46483	0.787928	0.284149	1
cg26337307	PAGE3;PAGE3	0.109209	0.76641	0.8194	-1.2204	0.717677	0.784458	-1.27477	0.149362	0.355711	-2.81127	0.0601309	0.242269	-4.12764	0.15603	0.362525	-2.75843	0.62906	1.38463	1.38463	0.277804	0.470218	-2.12667	0.00519579	0.084921	-11.7756	0.257656	0.453949	-2.20289	2.46483	17.45	6.29297	1
cg26492446	BHLHE23	0.109209	0.539045	1.28542	1.28542	0.32886	1.50209	1.50209	0.850953	1.0789	1.0789	0.240179	1.64295	1.64295	0.712659	1.16107	1.16107	0.387601	1.42978	1.42978	0.156228	1.8448	1.8448	0.00303403	5.15476	5.15476	0.427548	0.721059	-1.38685	2.46482	6.36284	2.29463	1
cg01582947	ZNF777	0.109211	0.565321	0.820214	-1.21919	0.141709	1.71391	1.71391	0.0743105	1.97011	1.97011	0.866292	1.05914	1.05914	0.612682	0.840232	-1.19015	0.112101	0.554369	-1.80385	0.0380407	0.440416	-2.27058	0.0906589	0.529598	-1.88822	0.914249	1.03741	1.03741	2.4648	4.53898	1.63691	1
cg19847514	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.109211	?	?	?	0.322357	2.20327	2.20327	0.104741	3.93571	3.93571	0.93235	1.06781	1.06781	0.0837351	0.22788	-4.38828	0.0267967	0.131711	-7.59239	?	?	?	0.774259	0.80075	-1.24883	0.464577	0.562616	-1.77741	2.52202	18.55	8.40596	1
cg13473117	TXNRD2	0.109218	0.737442	0.937392	-1.06679	0.126671	0.727987	-1.37365	0.253592	0.795243	-1.25748	0.627403	1.09855	1.09855	0.856066	1.03551	1.03551	0.0534297	1.52435	1.52435	0.0138899	1.7933	1.7933	0.550638	0.89045	-1.12303	0.888251	0.973345	-1.02739	2.46473	1.44138	0.519824	1
cg18125957	LUC7L2	0.109219	0.133368	0.812388	-1.23094	0.0158619	1.46104	1.46104	0.838998	0.974231	-1.02645	0.397148	1.11769	1.11769	0.159167	1.21299	1.21299	0.402142	0.895802	-1.11632	0.387607	1.12035	1.12035	0.811125	0.969745	-1.0312	0.0628222	1.30816	1.30816	2.46472	0.642847	0.231839	1
cg01604073	NHLRC2;DCLRE1A	0.10922	0.023812	0.720447	-1.38803	0.222564	1.1686	1.1686	0.154834	1.20332	1.20332	0.415776	0.90384	-1.10639	0.567882	1.0727	1.0727	0.0626659	1.28998	1.28998	0.481723	0.916749	-1.09081	0.490018	1.08897	1.08897	0.21785	1.17066	1.17066	2.46471	0.57676	0.208006	1
cg11749284	TRMT61B	0.109224	0.0212483	2.36653	2.36653	0.324716	0.728792	-1.37213	0.114476	0.586233	-1.7058	0.0955166	1.76768	1.76768	0.395167	1.31115	1.31115	0.114286	1.70636	1.70636	0.490352	0.804164	-1.24353	0.607662	1.1748	1.1748	0.39757	1.30926	1.30926	2.46467	3.77746	1.36235	1
cg04376312	MYLK;MYLK;MYLK;MYLK	0.109225	0.0830867	2.85372	2.85372	0.103134	2.64939	2.64939	0.236295	1.9703	1.9703	0.550587	1.39101	1.39101	0.46858	1.49632	1.49632	0.111299	2.58043	2.58043	0.0192719	4.69752	4.69752	0.0142188	5.22193	5.22193	0.134839	2.41328	2.41328	2.46466	11.6582	4.20456	1
cg18794577	GRIN3A	0.109226	0.0143022	5.22157	5.22157	0.0606111	3.18201	3.18201	0.86025	1.10122	1.10122	?	?	?	0.279561	1.84981	1.84981	?	?	?	0.285972	0.545356	-1.83366	0.969485	0.979287	-1.02115	0.626337	0.764546	-1.30797	2.52187	9.30021	4.21465	1
cg26644764	SRI;SRI	0.109226	0.153118	1.39116	1.39116	0.276448	1.27671	1.27671	0.203104	1.33632	1.33632	0.695632	0.918656	-1.08855	0.296181	1.26332	1.26332	0.497563	0.861905	-1.16022	0.129827	0.702494	-1.4235	0.0192285	1.8426	1.8426	0.0847911	1.50881	1.50881	2.46465	1.8177	0.655563	1
cg20060928	ZFAT;ZFAT;ZFAT	0.109227	0.652096	1.10788	1.10788	0.496958	0.855832	-1.16845	0.0125995	2.0143	2.0143	0.458533	1.18576	1.18576	0.600162	0.887461	-1.12681	0.631093	0.896539	-1.1154	0.0150436	1.96319	1.96319	0.916997	0.976743	-1.02381	0.443182	1.19302	1.19302	2.46464	1.98901	0.717351	1
cg22483634	KATNAL2	0.109231	0.625808	0.919873	-1.08711	0.0273207	0.641605	-1.55859	0.204032	0.796274	-1.25585	0.0516096	0.686256	-1.45718	0.586753	1.09776	1.09776	0.418942	1.15068	1.15068	0.0657129	1.42047	1.42047	0.411343	0.866958	-1.15346	0.860732	0.970597	-1.03029	2.46461	1.12741	0.406612	1
cg05134769	MAD1L1;MAD1L1;MAD1L1	0.109231	0.194334	0.800968	-1.24849	0.417311	1.14337	1.14337	0.289265	1.19459	1.19459	0.0651759	0.715593	-1.39744	0.371337	0.862112	-1.15994	0.142067	0.774816	-1.29063	0.0527873	1.42736	1.42736	0.71027	0.941467	-1.06217	0.100011	0.747281	-1.33818	2.4646	1.01982	0.367811	1
cg03518503	PLEKHH3;PLEKHH3	0.109231	0.331639	0.71295	-1.40262	0.576102	0.826296	-1.21022	0.1715	1.63519	1.63519	0.725719	1.12635	1.12635	0.24547	1.50735	1.50735	0.57932	1.20824	1.20824	0.0121648	0.347991	-2.87364	0.31554	1.41986	1.41986	0.128815	1.741	1.741	2.4646	4.45406	1.60641	1
cg09409786	ZFHX4	0.109232	0.0164111	0.583461	-1.71391	0.123897	0.736306	-1.35813	0.558018	1.11497	1.11497	0.108549	0.72501	-1.37929	0.0975722	0.71609	-1.39647	0.826543	1.04114	1.04114	0.112921	0.728354	-1.37296	0.613149	1.09818	1.09818	0.0937742	0.712809	-1.4029	2.46459	1.3173	0.475103	1
cg11143157	TBC1D28	0.109235	0.5758	1.12783	1.12783	0.422178	1.19061	1.19061	0.987493	1.00334	1.00334	0.0344645	0.591669	-1.69014	0.249102	0.773879	-1.29219	0.463006	0.853026	-1.1723	0.0267073	1.74836	1.74836	0.240474	1.29889	1.29889	0.241547	1.29804	1.29804	2.46456	1.76744	0.63746	1
cg05916059	HS3ST4	0.109237	0.190052	0.400966	-2.49398	0.0191308	0.154576	-6.46929	0.0247843	0.172107	-5.81035	0.419392	0.580849	-1.72162	0.0577812	0.243516	-4.1065	0.267936	0.467732	-2.13798	0.094718	0.227105	-4.40325	0.880002	0.905314	-1.10459	0.972503	0.97756	-1.02296	2.46455	16.9241	6.104	1
cg27613236	UBE2D2;UBE2D2	0.109238	0.989817	1.00197	1.00197	0.127258	1.29002	1.29002	0.0294574	0.673044	-1.48579	0.907237	1.01816	1.01816	0.453323	1.1252	1.1252	0.0438198	1.43014	1.43014	0.0927025	0.751506	-1.33066	0.882836	0.977486	-1.02303	0.798816	1.04023	1.04023	2.46453	0.930673	0.335668	1
cg06360121	GSTO1	0.10924	0.513317	0.95596	-1.04607	0.321918	1.072	1.072	0.263153	0.923803	-1.08248	0.714217	1.0253	1.0253	0.0396462	0.850746	-1.17544	0.779599	1.01924	1.01924	0.0823204	1.13969	1.13969	0.126653	0.893818	-1.1188	0.055964	0.863211	-1.15847	2.46452	0.18017	0.0649826	1
cg07570075	ADRA1B	0.10924	0.112635	0.673044	-1.48579	0.858335	0.959865	-1.04181	0.476593	1.18049	1.18049	0.0990868	1.51368	1.51368	0.484672	1.17681	1.17681	0.0386916	0.577566	-1.7314	0.0487948	0.596966	-1.67514	0.573835	1.13915	1.13915	0.305773	0.784183	-1.27521	2.46451	2.05163	0.739974	1
cg16573240	KCNG2	0.109242	0.189811	0.50794	-1.96874	0.0238115	0.268269	-3.7276	0.0787208	0.385803	-2.592	0.258318	0.562523	-1.77771	0.0356826	0.303473	-3.29519	0.0748176	0.37987	-2.63248	0.0566259	0.349056	-2.86487	0.0564741	0.348772	-2.8672	0.547695	0.743222	-1.34549	2.46449	9.28689	3.34958	1
cg19416050	RAB3C	0.109244	0.44305	0.902415	-1.10814	0.0498204	1.34143	1.34143	0.257525	1.16782	1.16782	0.622525	1.06731	1.06731	0.464436	1.10269	1.10269	0.885802	0.98131	-1.01905	0.0394452	0.73141	-1.36722	0.208678	0.840291	-1.19006	0.0825513	1.28718	1.28718	2.46447	0.672814	0.242672	1
cg20485084	FGR;FGR;FGR	0.109247	0.098147	0.603652	-1.65658	0.0969699	0.602376	-1.66009	0.0456484	0.528558	-1.89194	0.363281	0.771078	-1.29689	0.152395	0.652776	-1.53192	0.039972	0.516566	-1.93586	0.414107	1.26149	1.26149	0.335887	0.758741	-1.31797	0.030988	0.494282	-2.02314	2.46444	3.02159	1.08985	1
cg05849324	NHLRC1	0.109249	0.0566658	7.46273	7.46273	0.127843	4.63555	4.63555	0.222061	3.30566	3.30566	0.165404	3.96865	3.96865	0.276335	2.87182	2.87182	0.125366	4.68994	4.68994	0.0095934	21.2258	21.2258	0.0401906	9.10381	9.10381	0.153541	4.15231	4.15231	2.46442	33.879	12.2197	1
cg16702725	PCP4L1	0.109251	0.358394	0.851008	-1.17508	0.0457212	1.4789	1.4789	0.393068	0.861176	-1.1612	0.602872	1.09381	1.09381	0.305618	0.834263	-1.19866	0.0682489	1.41732	1.41732	0.0591934	0.694962	-1.43893	0.262495	0.819077	-1.22089	0.438697	0.873778	-1.14446	2.4644	1.13898	0.410819	1
cg15531450	ATP10A	0.109252	0.121931	0.403323	-2.4794	0.00879006	0.164117	-6.09323	0.05285	0.303649	-3.29328	0.399756	0.62696	-1.595	0.0503482	0.298737	-3.34743	0.359159	0.600105	-1.66637	0.0995183	0.376133	-2.65863	0.122758	0.404268	-2.47361	0.282453	0.546122	-1.83109	2.4644	11.4492	4.12962	1
cg17503200	SLCO3A1;SLCO3A1	0.109252	0.254286	2.02453	2.02453	0.126698	2.66141	2.66141	0.747584	1.21086	1.21086	0.110382	2.80359	2.80359	0.214937	2.16731	2.16731	0.0499558	3.76089	3.76089	0.157869	2.44661	2.44661	0.0137906	6.07202	6.07202	0.0279886	4.65659	4.65659	2.46439	13.703	4.94257	1
cg17751684	SLC38A10;SLC38A10	0.109253	0.900515	0.983492	-1.01679	0.0309986	0.713871	-1.40081	0.109722	0.792885	-1.26122	0.473361	0.907498	-1.10193	0.464609	0.905687	-1.10413	0.582841	1.07662	1.07662	0.0193381	1.45716	1.45716	0.696539	0.949172	-1.05355	0.517092	0.916289	-1.09136	2.46438	0.69143	0.249395	1
cg01883025	DCTPP1	0.109259	0.965993	0.988198	-1.01194	0.746935	1.09435	1.09435	0.0299728	2.03605	2.03605	0.59973	0.8629	-1.15888	0.251636	0.716412	-1.39584	0.1187	0.623993	-1.60258	0.0358593	0.506671	-1.97367	0.23069	1.41926	1.41926	0.588722	0.858981	-1.16417	2.46433	3.02638	1.09162	1
cg08259454	SMC4;SMC4;IFT80	0.10926	0.0446838	0.662219	-1.51007	0.665138	0.925082	-1.08099	0.0297761	0.632972	-1.57985	0.931532	1.01549	1.01549	0.621176	1.09317	1.09317	0.127827	0.74498	-1.34232	0.98649	0.996977	-1.00303	0.0510451	0.672078	-1.48792	0.209807	1.26662	1.26662	2.46431	1.24804	0.450174	1
cg09377149	TMF1	0.10926	0.404001	0.801091	-1.2483	0.396151	0.79797	-1.25318	0.573553	1.15917	1.15917	0.0114648	0.439742	-2.27406	0.715073	1.0999	1.0999	0.477155	0.828838	-1.20651	0.0270804	0.506798	-1.97317	0.580303	1.15611	1.15611	0.34171	1.28975	1.28975	2.46431	2.63276	0.94965	1
cg24814707	KIAA1211	0.10926	0.949917	1.03273	1.03273	0.158681	0.461877	-2.16508	0.293486	0.571954	-1.74839	0.0292025	3.73386	3.73386	0.480893	0.692572	-1.44389	0.608077	0.767057	-1.30368	0.0670091	0.349026	-2.86512	0.210272	1.96772	1.96772	0.131425	0.433897	-2.3047	2.46431	10.2593	3.70057	1
cg22617898	RAB3A	0.109263	0.404841	0.490658	-2.03808	0.348912	0.446834	-2.23797	0.620257	0.658855	-1.51779	0.98688	1.01383	1.01383	0.0228345	0.102756	-9.73183	0.127644	0.252568	-3.95933	0.00826627	0.059532	-16.7977	0.549547	1.65837	1.65837	0.333007	0.434214	-2.30301	2.46428	27.2366	9.82449	1
cg20641580	C22orf32	0.109265	0.793245	0.95226	-1.05013	0.166848	1.31583	1.31583	0.00640154	1.93599	1.93599	0.970446	0.993124	-1.00692	0.556173	1.11723	1.11723	0.90284	0.977514	-1.023	0.11183	0.724361	-1.38053	0.651626	0.91884	-1.08833	0.271779	1.23744	1.23744	2.46427	1.35353	0.488233	1
cg18869127	PSD4;LOC440839	0.109266	0.487938	0.859119	-1.16398	0.0299507	1.73382	1.73382	0.945706	0.985431	-1.01478	0.0427006	1.65327	1.65327	0.0702015	0.646507	-1.54677	0.603822	1.11942	1.11942	0.736346	1.07554	1.07554	0.821774	0.952543	-1.04982	0.120941	1.43677	1.43677	2.46426	1.81235	0.653737	1
cg07772279	VGLL4	0.109267	0.0405839	0.554231	-1.8043	0.084109	1.61122	1.61122	0.414999	0.812245	-1.23116	0.0726166	0.606585	-1.64857	0.105532	0.643173	-1.55479	0.119889	0.656311	-1.52367	0.399225	1.24035	1.24035	0.941069	1.01862	1.01862	0.930867	0.978577	-1.02189	2.46425	2.43113	0.876943	1
cg04266460	SOCS1	0.109271	0.0880694	6.22204	6.22204	0.560906	1.77013	1.77013	0.0719364	7.03583	7.03583	0.14951	4.48559	4.48559	0.354137	0.396191	-2.52404	0.241246	3.29174	3.29174	0.667539	1.52147	1.52147	0.010318	23.0737	23.0737	0.112485	5.35548	5.35548	2.46421	36.8126	13.2791	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24828257	LOC642006	0.109272	0.189138	0.62007	-1.61272	0.0121853	0.341907	-2.92477	0.251112	0.662349	-1.50978	0.352515	0.719867	-1.38915	0.0253976	0.401384	-2.49138	0.101205	0.539767	-1.85265	0.620512	1.18705	1.18705	0.198844	0.627218	-1.59434	0.13513	0.575013	-1.73909	2.4642	4.60658	1.66169	1
cg11771863	ANKRD58	0.109278	0.0690233	5.33946	5.33946	0.381447	2.09399	2.09399	0.695508	1.38243	1.38243	0.761346	1.28504	1.28504	0.536759	0.597509	-1.67362	0.211155	2.95833	2.95833	0.0286792	8.37201	8.37201	0.0979628	4.45744	4.45744	0.0142778	12.0358	12.0358	2.46413	26.4536	9.54263	1
cg04178057	HADH	0.109282	0.0337356	1.70744	1.70744	0.935517	1.01761	1.01761	0.965847	0.990804	-1.00928	0.591578	0.889709	-1.12396	0.372911	0.820893	-1.21819	0.0148393	0.523799	-1.90913	0.392	0.82761	-1.2083	0.20487	1.33459	1.33459	0.886314	1.03135	1.03135	2.4641	1.8167	0.655351	1
cg19275895	IRAK2	0.109283	0.164354	0.55	-1.81818	0.878811	1.06341	1.06341	0.528132	0.77295	-1.29374	0.51105	0.764451	-1.30813	0.00586791	0.233873	-4.27582	0.885044	0.943375	-1.06002	0.379602	1.4379	1.4379	0.190687	1.74776	1.74776	0.46839	1.34618	1.34618	2.46408	6.33613	2.28568	1
cg01353515	RUNDC2A	0.109284	0.113611	1.61342	1.61342	0.828275	0.941424	-1.06222	0.219386	1.43172	1.43172	0.749591	1.09306	1.09306	0.967424	1.01141	1.01141	0.809809	1.06929	1.06929	0.0028523	3.12952	3.12952	0.36233	1.29714	1.29714	0.90089	0.965973	-1.03523	2.46408	3.01315	1.08696	1
cg26295204	TIA1;TIA1	0.109285	0.139475	1.31985	1.31985	0.97264	0.994033	-1.006	0.018183	0.606273	-1.64942	0.884416	1.02571	1.02571	0.305198	0.830869	-1.20356	0.864763	1.03019	1.03019	0.560932	1.10805	1.10805	0.519952	0.89242	-1.12055	0.0347877	1.53629	1.53629	2.46407	1.18842	0.42871	1
cg23828467	GRTP1	0.109286	0.531599	0.62563	-1.59839	0.177649	0.346347	-2.88728	0.0424747	0.177421	-5.63632	0.219666	0.3847	-2.59943	0.0179016	0.118861	-8.41315	0.686596	1.35015	1.35015	0.0219712	0.130818	-7.64419	0.575558	0.65792	-1.51994	0.166245	0.335343	-2.98202	2.46406	21.3784	7.71208	1
cg19250790	GNG7	0.109286	0.995054	1.0059	1.0059	0.682901	1.47661	1.47661	0.179266	3.87188	3.87188	0.261148	0.328888	-3.04055	0.00759525	0.0384692	-25.9948	0.367179	0.415179	-2.4086	0.80451	1.26532	1.26532	0.303369	2.75004	2.75004	0.168931	0.248867	-4.01821	2.46406	35.1407	12.6767	1
cg14372245	C9orf3	0.109286	0.109472	0.369566	-2.70588	0.0165022	0.188075	-5.31704	0.0406313	0.259652	-3.85131	0.284246	1.88615	1.88615	0.0607167	0.299362	-3.34043	0.407557	0.616782	-1.62132	0.418718	0.624174	-1.60212	0.979404	0.985383	-1.01483	0.519333	0.688935	-1.45152	2.46405	12.6977	4.58061	1
cg22188571	GRM4	0.109286	0.66002	0.79914	-1.25135	0.380553	1.57711	1.57711	0.827701	1.11673	1.11673	0.180111	0.486252	-2.05655	0.118366	0.42368	-2.36027	0.876038	1.08228	1.08228	0.00833348	0.181245	-5.51741	0.0510967	0.324561	-3.08108	0.421117	0.659493	-1.51632	2.46405	10.0124	3.61189	1
cg12471950	TRIM5;TRIM5;TRIM5	0.109287	0.977483	1.01638	1.01638	0.0377623	0.249863	-4.00219	0.0452658	0.266595	-3.75101	0.183751	0.44409	-2.25179	0.108722	0.365326	-2.73728	0.181801	0.442289	-2.26096	0.0236551	0.211188	-4.73511	0.472171	1.52337	1.52337	0.28626	0.528658	-1.89158	2.46405	12.929	4.66407	1
cg25942631	KCNK13	0.109287	0.418375	1.11702	1.11702	0.934045	0.988985	-1.01114	0.354601	1.13592	1.13592	0.195897	0.832743	-1.20085	0.169412	1.2164	1.2164	0.229867	1.18364	1.18364	0.0139822	0.666187	-1.50108	0.329594	1.14413	1.14413	0.225599	1.18566	1.18566	2.46405	0.698889	0.25212	1
cg15279308	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.109287	0.22415	0.239605	-4.17354	0.464311	2.30095	2.30095	0.045903	0.0772939	-12.9376	0.503645	0.467972	-2.13688	0.280915	0.285372	-3.5042	0.337798	3.02107	3.02107	0.0555407	11.3331	11.3331	0.107825	7.12269	7.12269	0.347204	2.95352	2.95352	2.46404	48.8543	17.6239	1
cg18649632	PROCR	0.109288	0.120322	0.204265	-4.89559	0.255578	0.326675	-3.06115	0.0694553	0.147454	-6.78177	0.14469	0.228387	-4.37853	0.0601109	0.13547	-7.38171	0.684815	0.680676	-1.46913	0.00693981	0.037145	-26.9215	0.193268	0.27315	-3.66099	0.154428	0.237665	-4.2076	2.46403	34.6757	12.5091	1
cg03560586	ASB1	0.109289	0.781165	1.07915	1.07915	0.027863	2.03572	2.03572	0.0640716	1.7668	1.7668	0.045645	1.8716	1.8716	0.583283	1.16362	1.16362	0.745168	0.914663	-1.0933	0.262916	0.726701	-1.37608	0.199012	0.689907	-1.44947	0.488026	1.21251	1.21251	2.46403	2.91939	1.05316	1
cg09740775	VPS33B	0.10929	0.101479	0.402828	-2.48245	0.0155806	0.22224	-4.49964	0.301603	0.581172	-1.72066	0.115495	0.41993	-2.38135	0.99861	0.999117	-1.00088	0.0232197	0.25262	-3.95851	0.0695937	0.357317	-2.79864	0.613134	0.77218	-1.29504	0.155927	0.463111	-2.15931	2.46402	10.0347	3.62	1
cg05908833	SYAP1;SYAP1	0.109295	0.033499	1.4797	1.4797	0.0940992	0.747996	-1.33691	0.356257	0.860983	-1.16146	0.197209	1.23992	1.23992	0.626444	1.08045	1.08045	0.225298	1.22249	1.22249	0.441744	0.883613	-1.13172	0.159678	1.26747	1.26747	0.0982466	1.33119	1.33119	2.46397	0.971057	0.350313	1
cg20922377	DUT;DUT;DUT	0.109299	0.344597	0.606249	-1.64949	0.201379	2.00097	2.00097	0.0149823	4.65352	4.65352	0.89402	1.07092	1.07092	0.321966	1.69215	1.69215	0.0866328	0.377959	-2.64579	0.253468	0.541661	-1.84617	0.720141	0.831147	-1.20316	0.31362	1.70876	1.70876	2.46393	10.3133	3.72064	1
cg17681491	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.109299	0.413333	0.692881	-1.44325	0.0103472	0.242445	-4.12464	0.0103541	0.242492	-4.12385	0.689353	1.19277	1.19277	0.863624	0.927353	-1.07834	0.512987	0.747467	-1.33785	0.292706	0.619467	-1.61429	0.903872	0.948376	-1.05443	0.773842	0.881265	-1.13473	2.46393	7.51054	2.70951	1
cg18323236	NIPAL3	0.109301	0.197786	0.525621	-1.90251	0.475961	1.40842	1.40842	0.692042	0.828535	-1.20695	0.862861	1.08512	1.08512	0.0368747	0.318102	-3.14365	0.0254842	0.285262	-3.50555	0.0936824	0.418537	-2.38927	0.213595	1.85665	1.85665	0.256683	0.571578	-1.74954	2.46391	8.71113	3.14266	1
cg05493561	BDH2;BDH2	0.109303	0.179614	0.764381	-1.30825	0.00718546	1.92353	1.92353	0.0687126	1.46826	1.46826	0.684092	1.08017	1.08017	0.741285	0.939454	-1.06445	0.738564	0.938809	-1.06518	0.824757	0.959055	-1.04269	0.810737	0.955782	-1.04626	0.308209	1.21997	1.21997	2.46389	1.38673	0.500287	1
cg05652102	RET;RET	0.109303	0.42528	0.90337	-1.10697	0.273082	0.867302	-1.153	0.0655921	1.29423	1.29423	0.897159	0.98399	-1.01627	0.550135	1.07838	1.07838	0.210175	0.848046	-1.17918	0.832776	1.02674	1.02674	0.0101643	1.49868	1.49868	0.7082	0.954157	-1.04805	2.46389	0.607912	0.219314	1
cg19483126	WNT5A	0.109306	0.86426	0.952823	-1.04951	0.2968	1.35732	1.35732	0.654738	1.13556	1.13556	0.0752936	1.7495	1.7495	0.00633413	0.366443	-2.72894	0.595551	1.16335	1.16335	0.844896	1.05688	1.05688	0.536085	1.19359	1.19359	0.742211	0.910988	-1.09771	2.46386	3.11279	1.123	1
cg18262993	UBAP2L;UBAP2L;C1orf43;C1orf43;C1orf43	0.109307	0.0320538	0.337032	-2.96707	0.126301	0.488577	-2.04676	0.297999	0.626766	-1.59549	0.769503	0.880521	-1.13569	0.0495883	0.379045	-2.63821	0.912419	0.953473	-1.0488	0.0272534	0.322563	-3.10017	0.0402712	0.358412	-2.79008	0.130169	0.492682	-2.02971	2.46385	7.31762	2.63999	1
cg05517527	BRE;RBKS;LOC100302650;BRE;BRE;BRE;BRE	0.109307	0.0721911	0.15324	-6.5257	0.0700922	0.150628	-6.63889	0.425786	0.467566	-2.13873	0.32654	0.387966	-2.57755	0.0578797	0.134755	-7.4209	0.148817	0.235189	-4.2519	0.0194122	0.0712291	-14.0392	0.0309001	0.0935729	-10.6869	0.121537	0.208235	-4.80227	2.46385	34.0968	12.3012	1
cg00263677	CRISPLD2	0.109307	0.687542	1.54702	1.54702	0.109962	6.55518	6.55518	0.578529	1.8324	1.8324	0.9332	0.9135	-1.09469	0.941552	0.923915	-1.08235	0.920848	0.89829	-1.11323	0.00435285	0.0163841	-61.0349	0.562165	1.88224	1.88224	0.498054	0.475998	-2.10085	2.46385	45.4479	16.3963	1
cg24154201	IFT172;KRTCAP3	0.109308	0.407736	1.2127	1.2127	0.157774	1.41051	1.41051	0.619153	1.12087	1.12087	0.440361	1.19625	1.19625	0.954001	1.01322	1.01322	0.0271391	0.551229	-1.81413	0.0227194	1.8608	1.8608	0.797779	0.943206	-1.06021	0.353839	0.80474	-1.24264	2.46384	2.02365	0.730081	1
cg23618440	C6orf138	0.109309	0.0845189	0.459324	-2.17711	0.0461505	0.393924	-2.53856	0.00759228	0.246606	-4.05505	0.836695	1.0878	1.0878	0.442067	0.726443	-1.37657	0.586416	0.799329	-1.25105	0.132899	0.516289	-1.9369	0.387981	0.69714	-1.43443	0.64942	1.20514	1.20514	2.46382	6.48726	2.34045	1
cg11650948	C12orf72	0.109312	0.271877	0.675066	-1.48134	0.381366	0.734576	-1.36133	0.180783	0.613725	-1.62939	0.860978	0.941554	-1.06207	0.00773645	0.308719	-3.23919	0.496708	0.788925	-1.26755	0.0127692	0.345477	-2.89455	0.287326	0.684165	-1.46164	0.431504	0.758947	-1.31761	2.4638	4.60575	1.66166	1
cg00686197	C6orf27	0.109315	0.176202	0.731718	-1.36665	0.037206	0.591327	-1.69111	0.0206356	0.545787	-1.83222	0.650576	0.905694	-1.10413	0.137047	0.706167	-1.4161	0.664393	1.09946	1.09946	0.666051	1.09891	1.09891	0.6314	1.11071	1.11071	0.0556012	0.624264	-1.60189	2.46377	1.8412	0.664276	1
cg12112110	TNXB;TNXB	0.109315	0.0680248	0.319344	-3.13142	0.068043	0.319373	-3.13113	0.114482	0.383339	-2.60866	0.382442	0.606355	-1.6492	0.015204	0.189129	-5.28741	0.10792	0.375401	-2.66382	0.0283036	0.235476	-4.24672	0.507441	0.686877	-1.45587	0.199178	0.468737	-2.13339	2.46377	12.1731	4.39186	1
cg20930290	RPS6KA4;RPS6KA4	0.109316	0.425468	0.741026	-1.34948	0.0042541	4.09124	4.09124	0.268864	1.5282	1.5282	0.435277	1.34065	1.34065	0.575082	0.811732	-1.23193	0.969057	1.01439	1.01439	0.44698	1.33036	1.33036	0.0905184	1.98746	1.98746	0.555125	1.24584	1.24584	2.46376	5.29218	1.90934	1
cg13657970	HIP1R	0.109318	0.567413	1.30883	1.30883	0.222847	1.81559	1.81559	0.859113	1.08624	1.08624	0.0241994	3.49462	3.49462	0.58621	0.774206	-1.29165	0.0820761	2.45217	2.45217	0.0997798	2.31597	2.31597	0.499705	1.37576	1.37576	0.0136322	4.14043	4.14043	2.46374	8.45913	3.05196	1
cg04139429	LRIG2	0.10932	0.22633	1.21248	1.21248	0.0376261	1.44161	1.44161	0.487793	1.11283	1.11283	0.279719	1.18582	1.18582	0.512959	1.10587	1.10587	0.278245	0.842825	-1.18649	0.0204556	0.654677	-1.52747	0.838651	1.0314	1.0314	0.455351	1.12223	1.12223	2.46373	0.897521	0.323817	1
cg17145196	ZNF541	0.109325	0.438802	0.884823	-1.13017	0.107874	0.761957	-1.31241	0.90337	1.019	1.019	0.361442	0.864701	-1.15647	0.147489	1.27231	1.27231	0.164411	0.794629	-1.25845	0.0982206	1.32452	1.32452	0.069242	0.729803	-1.37023	0.0803543	0.740387	-1.35064	2.46367	0.936954	0.338052	1
cg05459609	MGRN1;MGRN1;MGRN1;MGRN1	0.10933	0.272451	1.3383	1.3383	0.56892	0.863404	-1.15821	0.88195	0.962802	-1.03863	0.750489	0.921838	-1.08479	0.0125785	0.45309	-2.20707	0.0380104	0.541388	-1.8471	0.170047	0.688801	-1.4518	0.278875	1.33271	1.33271	0.999128	1.00028	1.00028	2.46362	2.53925	0.916176	1
cg14469290	ALAD	0.10933	0.264292	1.2386	1.2386	0.82531	1.04149	1.04149	0.251697	0.80234	-1.24635	0.822605	1.04216	1.04216	0.130059	0.740279	-1.35084	0.113373	0.728444	-1.37279	0.0315908	1.58969	1.58969	0.668427	1.08246	1.08246	0.0760955	1.43762	1.43762	2.46362	1.31964	0.476133	1
cg04342955	SHISA9;SHISA9	0.109332	0.319137	0.360944	-2.77051	0.164041	4.38025	4.38025	0.0367877	11.5435	11.5435	0.143295	0.208818	-4.78886	0.240106	0.295267	-3.38676	?	?	?	0.170342	0.234081	-4.27202	0.284223	3.01009	3.01009	0.467484	0.481902	-2.07511	2.63845	35.2649	11.6951	1
cg03699566	FOLR1;FOLR1;FOLR1;FOLR1;FOLR1	0.109333	0.0637395	0.199858	-5.00356	0.380947	0.49944	-2.00224	0.667288	0.715982	-1.39668	0.309486	0.443743	-2.25356	0.0131142	0.0928588	-10.769	0.16338	0.316881	-3.15576	0.280616	0.42046	-2.37835	0.0253345	0.12824	-7.79786	0.0536212	0.183939	-5.43657	2.4636	23.287	8.40216	1
cg26872564	ZNF185	0.109333	0.202318	0.494019	-2.02421	0.899237	1.06862	1.06862	0.341562	0.598465	-1.67094	0.69178	0.811605	-1.23213	0.0271605	0.254142	-3.93481	0.528894	0.715914	-1.39682	0.0286322	3.86737	3.86737	0.360455	0.61109	-1.63642	0.242137	1.89896	1.89896	2.4636	10.7076	3.86341	1
cg06222120	TRNT1	0.109334	0.545492	1.06262	1.06262	0.0804184	1.21228	1.21228	0.015657	1.34194	1.34194	0.647778	0.955366	-1.04672	0.357416	0.910325	-1.09851	0.528886	0.938634	-1.06538	0.383899	0.915184	-1.09268	0.766408	0.970859	-1.03002	0.059837	1.23466	1.23466	2.46358	0.384491	0.138729	1
cg23036340	MIR548H4;TMEM84	0.109334	0.0564392	0.224624	-4.45188	0.0258653	0.16055	-6.22861	0.042443	0.198753	-5.03138	0.559411	0.664899	-1.50399	0.0420937	0.198048	-5.04927	0.196561	0.389039	-2.57044	0.0438911	0.201637	-4.95941	0.178213	0.371929	-2.68869	0.551843	0.659552	-1.51618	2.46358	18.6522	6.72994	1
cg16618507	EYS	0.109335	0.285361	0.846666	-1.1811	0.215007	1.21626	1.21626	0.477526	0.897332	-1.11441	0.181413	0.808307	-1.23715	0.607354	1.08085	1.08085	0.864425	0.974691	-1.02597	0.00728595	1.68058	1.68058	0.527249	0.908386	-1.10085	0.446496	0.890124	-1.12344	2.46357	0.877924	0.316766	1
cg11510891	LOC646982;LOC646982;LOC646982	0.109336	0.236418	0.588563	-1.69905	0.00619069	0.217557	-4.59649	0.159538	0.526113	-1.90073	0.501587	1.33832	1.33832	0.0863321	0.445044	-2.24697	0.100961	0.46417	-2.15438	0.427965	0.707668	-1.41309	0.275412	0.615814	-1.62387	0.980626	1.01043	1.01043	2.46356	7.12293	2.57005	1
cg20244073	MID1	0.109344	0.0880519	3.0684	3.0684	0.641643	0.756421	-1.32201	0.618643	0.741647	-1.34835	0.661474	0.769178	-1.30009	0.383647	0.587392	-1.70244	0.917536	0.94018	-1.06363	0.0371151	4.22682	4.22682	0.018973	5.42984	5.42984	0.196007	2.25776	2.25776	2.46348	13.8403	4.99395	1
cg22373676	UBL3	0.109347	0.744923	1.11117	1.11117	0.109564	0.569322	-1.75647	0.105364	0.564788	-1.77058	0.0774105	0.530538	-1.88488	0.92184	1.0322	1.0322	0.269128	0.689624	-1.45007	0.0215888	2.43733	2.43733	0.69209	1.13715	1.13715	0.68148	0.875239	-1.14254	2.46346	4.0678	1.46778	1
cg15663537	ASB4;ASB4	0.10935	0.325037	0.656185	-1.52396	0.330088	1.51688	1.51688	0.301274	1.55895	1.55895	0.0787083	2.24682	2.24682	0.0550288	0.405794	-2.46431	0.718049	0.860433	-1.16221	0.199268	1.75466	1.75466	0.0415178	2.64968	2.64968	0.330984	1.51564	1.51564	2.46342	6.70533	2.41952	1
cg07805699	SCHIP1	0.109351	0.863891	0.931425	-1.07362	0.773082	1.12725	1.12725	0.900701	0.949636	-1.05303	0.00934015	0.224247	-4.45937	0.541083	1.29332	1.29332	0.177062	0.544874	-1.83529	0.279355	1.60335	1.60335	?	?	?	?	?	?	2.87868	5.78543	1.72264	1
cg01239651	PIK3R1;PIK3R1	0.109354	0.0405357	0.338442	-2.95472	0.136183	0.479295	-2.0864	0.779523	1.13717	1.13717	0.453142	0.704663	-1.41912	0.213427	0.548761	-1.82229	0.115849	0.457113	-2.18764	0.00694831	0.201966	-4.95133	0.172582	0.514331	-1.94428	0.365937	0.653472	-1.53029	2.46339	8.18473	2.95338	1
cg19641570	FARP1;FARP1	0.109354	0.0863747	0.17444	-5.73264	0.727988	0.72482	-1.37965	0.405316	2.19189	2.19189	0.317116	0.385503	-2.59401	?	?	?	0.383022	0.438438	-2.28082	0.00964001	0.0488174	-20.4845	0.121008	0.212301	-4.71029	0.122994	0.214345	-4.66538	2.48895	29.7683	11.9602	1
cg18091264	SNORD18A;RPL4;SNORD18B;SNORD16	0.109354	0.102559	0.399044	-2.50599	0.649513	0.790347	-1.26527	0.607898	1.30492	1.30492	0.319794	0.589366	-1.69674	0.0323818	0.275736	-3.62666	0.24435	0.534541	-1.87077	0.0214827	0.241587	-4.1393	0.033028	0.277487	-3.60377	0.178996	0.479904	-2.08375	2.46339	10.3183	3.72326	1
cg10363926	SH3RF3	0.109355	0.0401917	0.540308	-1.8508	0.261275	1.3489	1.3489	0.0461754	0.552988	-1.80836	0.889325	0.965273	-1.03598	0.128924	0.656046	-1.52428	0.232559	0.726092	-1.37724	0.963444	0.988434	-1.0117	0.117318	1.54861	1.54861	0.214945	0.716081	-1.39649	2.61382	2.61086	0.776897	1
cg03845363	TOM1L2;TOM1L2	0.109356	0.311089	2.06875	2.06875	0.1721	2.74066	2.74066	0.312852	0.484751	-2.06291	0.909438	0.924107	-1.08213	0.107402	3.38334	3.38334	0.448171	1.70945	1.70945	0.00966521	9.69174	9.69174	0.0498849	4.71771	4.71771	0.32545	2.0224	2.0224	2.46337	18.7712	6.77346	1
cg27172745	BANP;BANP	0.109356	0.159393	0.796222	-1.25593	0.01159	1.61333	1.61333	0.73309	1.05324	1.05324	0.821564	0.966347	-1.03483	0.339793	1.16078	1.16078	0.676483	0.938387	-1.06566	0.0377199	1.44086	1.44086	0.541328	0.910553	-1.09823	0.701212	1.06016	1.06016	2.46336	0.895963	0.323303	1
cg23024228	LGALS8;LGALS8;LGALS8;LGALS8;LGALS8	0.109357	0.352867	0.81464	-1.22754	0.0105727	1.993	1.993	0.407279	1.19936	1.19936	0.0709306	1.54139	1.54139	0.939281	0.983795	-1.01647	0.0772987	1.52375	1.52375	0.391873	0.828515	-1.20698	0.365951	1.22042	1.22042	0.975539	1.0066	1.0066	2.46335	1.79421	0.647434	1
cg00547777	ICA1L;ICA1L	0.109358	0.310368	1.24816	1.24816	0.268627	1.27547	1.27547	0.288414	0.792361	-1.26205	0.179736	1.35107	1.35107	0.59777	0.893652	-1.119	0.126381	1.41794	1.41794	0.140065	0.715154	-1.3983	0.504214	0.866647	-1.15387	0.0246032	0.568188	-1.75998	2.46335	1.73985	0.627819	1
cg07458065	SPRED1	0.109358	0.166945	1.48256	1.48256	0.673617	1.11987	1.11987	0.0987776	1.62212	1.62212	0.53719	1.18173	1.18173	0.353781	1.29041	1.29041	0.505001	1.19815	1.19815	0.00965082	0.416726	-2.39966	0.588615	1.15711	1.15711	0.253748	1.37509	1.37509	2.46334	2.78632	1.00543	1
cg04739401	MUS81	0.10937	0.789685	1.04498	1.04498	0.0310052	1.51708	1.51708	0.0747835	1.38633	1.38633	0.290327	1.19797	1.19797	0.247872	1.21999	1.21999	0.743438	1.05555	1.05555	0.027163	0.650254	-1.53786	0.699121	1.06601	1.06601	0.491268	1.12195	1.12195	2.46322	1.05687	0.381387	1
cg04070692	TUBGCP2	0.109376	0.0165363	0.288933	-3.46101	0.458905	0.726304	-1.37683	0.115215	0.48374	-2.06722	0.590775	0.794394	-1.25882	0.256645	0.60529	-1.6521	0.0389422	0.362923	-2.75541	0.0343962	0.351231	-2.84713	0.828452	0.912089	-1.09638	0.0596502	0.406059	-2.4627	2.46317	7.01431	2.53127	1
cg14670079	TMCO3	0.109377	0.0108162	0.527694	-1.89504	0.964286	1.00898	1.00898	0.771842	0.943592	-1.05978	0.93727	1.01584	1.01584	0.718241	1.07504	1.07504	0.154594	0.737664	-1.35563	0.0420448	1.59652	1.59652	0.687308	1.08416	1.08416	0.545154	1.13008	1.13008	2.46316	1.55572	0.561416	1
cg21323028	UBR3	0.109377	0.188214	2.04964	2.04964	0.200235	2.00588	2.00588	0.0452333	3.31198	3.31198	0.116118	2.41682	2.41682	0.633171	0.782265	-1.27834	0.464901	1.46292	1.46292	0.011531	5.31672	5.31672	0.0547096	3.1077	3.1077	0.143002	2.25249	2.25249	2.61358	10.5449	3.13806	1
cg15120085	TINAGL1	0.109378	0.0115155	3.63295	3.63295	0.174037	1.80453	1.80453	0.433839	1.3854	1.3854	0.107678	2.04749	2.04749	0.686363	1.18022	1.18022	0.118203	1.99857	1.99857	0.546682	1.28272	1.28272	0.631365	1.21815	1.21815	0.0137651	3.46621	3.46621	2.46315	6.50007	2.34571	1
cg01990106	NLGN4X;NLGN4X	0.109378	0.0550703	0.319821	-3.12675	0.0125791	0.196623	-5.08587	0.0332138	0.271257	-3.68655	0.482192	0.687719	-1.45408	0.18804	0.481372	-2.0774	0.414546	0.645883	-1.54827	0.0525964	0.315071	-3.17388	0.578025	0.744889	-1.34248	0.973438	0.982701	-1.0176	2.46314	10.7161	3.86719	1
cg00697880	OSBPL10	0.109381	0.422696	0.879803	-1.13662	0.326916	0.853629	-1.17147	0.424319	0.880213	-1.13609	0.254686	0.830297	-1.20439	0.0185074	0.63976	-1.56309	0.0166731	0.633162	-1.57937	0.204549	1.23287	1.23287	0.18447	0.802424	-1.24622	0.6384	0.928657	-1.07682	2.46312	0.953864	0.34423	1
cg04642300	ARMC2	0.109383	0.0264347	0.216031	-4.62896	0.127552	0.383153	-2.60992	0.0232114	0.206008	-4.85417	0.373478	0.587482	-1.70218	0.10982	0.362457	-2.75894	0.281018	0.520815	-1.92007	0.734242	1.21944	1.21944	0.24617	2.02612	2.02612	0.690128	0.791901	-1.26278	2.46309	13.2233	4.77208	1
cg11971789	GRIK5	0.109388	0.644454	1.15218	1.15218	0.530261	0.823812	-1.21387	0.461925	1.25646	1.25646	0.68556	1.13211	1.13211	0.00595604	0.334143	-2.99273	0.650022	0.870012	-1.14941	0.399274	1.3009	1.3009	0.355715	1.3359	1.3359	0.106065	0.583863	-1.71273	2.46305	3.6251	1.30826	1
cg22604636	ATOH1	0.109388	0.762884	0.943559	-1.05982	0.0566644	1.5132	1.5132	0.0511454	1.5318	1.5318	0.821306	0.957493	-1.04439	0.58836	1.11062	1.11062	0.391147	1.18377	1.18377	0.595368	0.902205	-1.1084	0.0140315	1.79023	1.79023	0.0835408	1.4445	1.4445	2.46305	1.43811	0.518999	1
cg10223233	ZNF365;ZNF365	0.109389	0.130337	0.479587	-2.08513	0.970567	0.983543	-1.01673	0.204578	0.547676	-1.8259	0.0201702	0.283597	-3.52613	0.365654	0.658342	-1.51897	0.192732	0.53794	-1.85894	0.0164198	0.267432	-3.73927	0.487274	0.728025	-1.37358	0.0394795	0.342594	-2.91891	2.46304	7.89058	2.84764	1
cg12049550	CACHD1	0.109389	0.722197	0.91017	-1.0987	0.848954	1.05156	1.05156	0.111832	0.63346	-1.57863	0.54956	0.852443	-1.1731	0.833979	1.0569	1.0569	0.157734	0.671472	-1.48926	0.0155368	2.18693	2.18693	0.109628	1.5839	1.5839	0.323804	0.764383	-1.30824	2.46304	2.71194	0.978716	1
cg06521960	CACNA1H;CACNA1H	0.109391	0.0505452	0.566526	-1.76514	0.155574	0.678762	-1.47327	0.838737	0.949364	-1.05334	0.083911	0.614022	-1.62861	0.0104766	0.439741	-2.27407	0.130715	0.65957	-1.51614	0.0614029	0.584263	-1.71156	0.903421	0.969519	-1.03144	0.277115	0.749581	-1.33408	2.46302	2.53661	0.915447	1
cg15256387	ETV1;ETV1	0.109392	0.35493	0.484299	-2.06484	0.00361015	0.04971	-20.1167	0.0719142	0.216389	-4.6213	0.821564	0.841889	-1.18781	0.328893	0.464057	-2.15491	0.360091	0.488276	-2.04802	0.238956	0.390772	-2.55903	0.201906	0.358207	-2.79168	0.739141	1.28996	1.28996	2.463	22.6436	8.172	1
cg21998505	TMSB10	0.109394	0.209929	0.722784	-1.38354	0.927404	0.977859	-1.02264	0.99643	0.998901	-1.0011	0.463467	0.832476	-1.20124	0.677812	0.902443	-1.1081	0.92935	1.02203	1.02203	0.002194	0.348123	-2.87255	0.313098	0.773868	-1.29221	0.902169	1.03068	1.03068	2.46299	2.35482	0.84985	1
cg18976046	TTLL10;TTLL10	0.109397	0.872004	0.962788	-1.03865	0.561602	1.14802	1.14802	0.251881	0.754636	-1.32514	0.237254	0.747357	-1.33805	0.613602	1.12722	1.12722	0.537523	1.15816	1.15816	0.00460014	2.42801	2.42801	0.361619	1.24677	1.24677	0.610793	0.886285	-1.12831	2.46295	2.15774	0.778735	1
cg00000807	KLHL29	0.109398	0.487056	0.884572	-1.13049	0.600516	1.09612	1.09612	0.00934604	0.564074	-1.77282	0.057414	0.688456	-1.45253	0.0623479	0.694612	-1.43965	0.515047	1.12149	1.12149	0.577131	0.906794	-1.10279	0.293857	0.827686	-1.20819	0.212743	0.796167	-1.25602	2.46295	1.17685	0.424732	1
cg20056542	ONECUT1	0.109399	0.445572	0.814449	-1.22782	0.334522	0.768969	-1.30044	0.142289	1.51642	1.51642	0.583858	0.864151	-1.1572	0.0201303	0.477155	-2.09575	0.166075	0.67718	-1.47671	0.136131	0.654502	-1.52788	0.106368	1.59269	1.59269	0.667396	0.892161	-1.12087	2.46294	2.7176	0.980796	1
cg23401088	TANC1;TANC1	0.109399	0.0184927	0.238723	-4.18895	0.295725	0.58062	-1.7223	0.920516	1.05132	1.05132	0.178851	0.488677	-2.04634	0.0718915	0.365161	-2.73852	0.170064	0.480615	-2.08067	0.0115495	0.205229	-4.87261	0.558718	0.743421	-1.34513	0.370658	0.6307	-1.58554	2.46294	9.80623	3.53913	1
cg13453304	CTDP1;CTDP1	0.109403	0.619976	1.1293	1.1293	0.373474	0.800731	-1.24886	0.172743	0.702607	-1.42327	0.707132	0.91228	-1.09616	0.665313	0.899543	-1.11168	0.824997	0.947556	-1.05535	0.00437223	2.52426	2.52426	0.712708	0.913966	-1.09413	0.468164	0.835644	-1.19668	2.4629	2.30797	0.832973	1
cg10751856	FAM83D;FAM83D	0.109403	0.754944	0.957063	-1.04486	0.897077	0.982024	-1.0183	0.483893	0.905093	-1.10486	0.416915	1.12332	1.12332	0.836198	1.02944	1.02944	0.723699	1.05101	1.05101	0.00686064	0.612191	-1.63348	0.439881	1.11674	1.11674	0.0625381	1.3415	1.3415	2.4629	0.766321	0.276574	1
cg03185622	DLGAP2	0.109403	0.997878	0.999265	-1.00074	0.794214	1.07493	1.07493	0.125052	0.631956	-1.58239	0.419786	0.796249	-1.25589	0.36403	0.772727	-1.29412	0.427576	1.25093	1.25093	0.110672	0.61851	-1.61679	0.0520127	0.542803	-1.84229	0.0294451	2.03161	2.03161	2.4629	2.9801	1.07555	1
cg21840233	PROZ	0.109404	0.0706625	0.438208	-2.28202	0.891219	0.945643	-1.05748	0.031204	0.356062	-2.8085	0.374078	1.4516	1.4516	0.0343954	0.364998	-2.73974	0.790951	1.11462	1.11462	0.732441	1.15047	1.15047	0.989264	1.00551	1.00551	0.0609823	0.422095	-2.36913	2.46289	6.50747	2.34863	1
cg07974891	ITGB1BP1;ITGB1BP1;CPSF3	0.109405	0.0329438	0.39023	-2.56259	0.00725897	0.270751	-3.69343	0.146474	0.555433	-1.8004	0.766657	1.11881	1.11881	0.0795872	0.47997	-2.08346	0.495811	0.770361	-1.29809	0.833486	0.923652	-1.08266	0.508829	0.776594	-1.28767	0.65136	0.842309	-1.18721	2.46288	5.55137	2.00357	1
cg24348705	B3GAT2	0.109406	0.178267	0.840983	-1.18908	0.137815	1.21348	1.21348	0.0190296	1.4102	1.4102	0.257788	0.866766	-1.15371	0.111117	1.23387	1.23387	0.615188	0.940474	-1.06329	0.300738	0.878238	-1.13864	0.79495	0.968956	-1.03204	0.600023	0.937943	-1.06616	2.46286	0.571874	0.206399	1
cg09977800	FOXK2	0.109408	0.702741	1.03567	1.03567	0.0597018	1.21441	1.21441	0.14064	0.865115	-1.15592	0.284593	0.903376	-1.10696	0.039332	1.24353	1.24353	0.0583982	1.21593	1.21593	0.555138	0.946898	-1.05608	0.538613	1.05857	1.05857	0.35818	1.09022	1.09022	2.46284	0.325989	0.117656	1
cg04565649	UTP15;ANKRA2;ANKRA2	0.109409	0.178524	0.692382	-1.44429	0.254368	1.35812	1.35812	0.0692016	1.68688	1.68688	0.711795	1.10014	1.10014	0.947955	0.983351	-1.01693	0.848391	0.951968	-1.05046	0.0508581	0.564324	-1.77203	0.0341333	1.88865	1.88865	0.575453	1.15665	1.15665	2.46284	2.58019	0.931242	1
cg21379321	ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619	0.109409	0.00936283	1.86692	1.86692	0.265385	0.802606	-1.24594	0.577333	1.11255	1.11255	0.553308	1.12032	1.12032	0.166942	1.32201	1.32201	0.284043	1.23472	1.23472	0.217212	0.781949	-1.27886	0.403809	1.17568	1.17568	0.310044	0.819544	-1.22019	2.46284	1.40001	0.505294	1
cg07516091	SLC8A2	0.10941	0.542133	1.37377	1.37377	0.165347	2.14151	2.14151	0.376611	0.62693	-1.59507	0.550669	1.3644	1.3644	0.0516773	0.319926	-3.12572	0.170356	2.12005	2.12005	0.0245262	0.251929	-3.96937	0.491636	1.43255	1.43255	0.593389	1.31962	1.31962	2.46283	10.33	3.72833	1
cg14254918	NPPC	0.109411	0.150646	1.31942	1.31942	0.098579	0.721848	-1.38533	0.469064	0.875863	-1.14173	0.0165514	1.69344	1.69344	0.860109	0.968756	-1.03225	0.450788	0.870871	-1.14828	0.159988	0.763269	-1.31015	0.31152	1.20732	1.20732	0.865156	1.03106	1.03106	2.46282	1.26296	0.45583	1
cg03596021	DUS4L	0.109411	0.36253	1.55164	1.55164	0.0188885	0.263216	-3.79917	0.105258	0.435685	-2.29524	0.796389	0.885702	-1.12905	0.389829	1.51232	1.51232	0.134686	0.469044	-2.13199	0.760772	0.866454	-1.15413	0.496374	0.723112	-1.38291	0.0315971	0.306324	-3.26452	2.46282	8.59472	3.10204	1
cg05506270	ADARB2	0.109412	0.370889	1.53429	1.53429	0.555664	1.32007	1.32007	0.849873	0.915505	-1.09229	0.48084	1.39632	1.39632	0.729162	0.850498	-1.17578	0.131075	2.13722	2.13722	0.00664201	5.16109	5.16109	0.0491762	2.84649	2.84649	0.0932004	2.36399	2.36399	2.46281	8.46603	3.0556	1
cg08191073	TSHZ2	0.109416	0.110118	0.509788	-1.9616	0.319456	1.48895	1.48895	0.334633	1.46961	1.46961	0.354414	0.691686	-1.44574	0.0817247	0.474062	-2.10943	0.535294	0.784341	-1.27496	0.110585	0.510319	-1.95956	0.0364927	2.5612	2.5612	0.658951	0.8421	-1.18751	2.46277	5.83912	2.10752	1
cg04439374	MAD1L1;MAD1L1;MAD1L1	0.109426	0.027288	0.300505	-3.32773	0.0275474	0.301325	-3.31868	0.0859722	0.417545	-2.39495	0.0634403	0.382627	-2.61351	0.050098	0.357641	-2.7961	0.111782	0.450609	-2.21922	0.68577	0.829255	-1.2059	0.388031	0.665493	-1.50265	0.137415	0.478829	-2.08843	2.46267	8.2636	2.9827	1
cg00400632	SMC3	0.109428	0.447425	0.754634	-1.32515	0.44934	1.32352	1.32352	0.942796	1.02644	1.02644	0.512796	1.27295	1.27295	0.0199859	0.360284	-2.77559	0.282203	0.666107	-1.50126	0.704776	0.870753	-1.14843	0.0111254	0.314372	-3.18094	0.814629	1.08914	1.08914	2.46265	5.15583	1.86098	1
cg07347276	PDHX;PDHX;PDHX	0.109428	0.0292226	0.557764	-1.79287	0.110727	0.67374	-1.48425	0.0695771	1.586	1.586	0.0957479	0.659821	-1.51556	0.974919	0.992881	-1.00717	0.541721	0.869038	-1.1507	0.564235	0.875944	-1.14163	0.244142	0.758133	-1.31903	0.30607	1.27227	1.27227	2.46265	2.01401	0.726953	1
cg04126852	POU2F1	0.109429	0.677691	0.932315	-1.0726	0.411629	1.15116	1.15116	0.383208	0.860757	-1.16177	0.545304	1.10809	1.10809	0.36418	1.16925	1.16925	0.361684	0.854512	-1.17026	0.00340806	0.513052	-1.94912	0.739847	0.945654	-1.05747	0.896505	0.978414	-1.02206	2.46264	1.09668	0.395846	1
cg08646372	USPL1	0.109431	?	?	?	0.0366112	0.164377	-6.08356	0.168078	0.335501	-2.98062	0.620631	1.44908	1.44908	?	?	?	0.978845	0.98048	-1.01991	?	?	?	0.0402358	0.171709	-5.82381	0.412868	1.86339	1.86339	2.55971	14.9379	7.78102	1
cg04141648	CTNNA3	0.109434	0.0466363	0.172905	-5.78354	0.0147605	0.0991281	-10.088	0.0756858	0.218051	-4.58609	0.655249	0.70739	-1.41365	0.0756887	0.218055	-4.586	0.273813	0.415941	-2.40418	0.0440523	0.168254	-5.9434	0.766631	0.795118	-1.25767	0.175413	0.329567	-3.03428	2.46259	23.1433	8.35372	1
cg08374746	AGAP1;AGAP1	0.109434	0.495211	0.838176	-1.19307	0.737107	1.08967	1.08967	0.217642	1.39178	1.39178	0.0520358	0.569282	-1.7566	0.285836	0.753869	-1.32649	0.235966	0.728656	-1.37239	0.0194158	2.05514	2.05514	0.587018	0.869541	-1.15003	0.470169	1.20595	1.20595	2.46259	2.53392	0.914635	1
cg17679104	STK33	0.109434	0.851086	0.97339	-1.02734	0.602223	1.07839	1.07839	0.546598	1.0915	1.0915	0.513351	0.909257	-1.0998	0.629808	0.932676	-1.07218	0.32016	0.862933	-1.15884	0.0463396	0.720707	-1.38753	0.420991	0.888718	-1.12522	0.010169	1.59224	1.59224	2.46259	0.803225	0.28993	1
cg12017635	TPH2	0.109435	0.143416	0.374371	-2.67114	0.0199254	0.172778	-5.78778	0.0162146	0.159219	-6.28066	0.753861	0.821557	-1.2172	0.0549482	0.256651	-3.89634	0.233347	0.458027	-2.18328	0.117649	0.345806	-2.8918	0.135976	0.366421	-2.7291	0.445246	0.614918	-1.62623	2.46258	15.2294	5.49719	1
cg17599958	AP2A2	0.109438	0.878281	1.04182	1.04182	0.121157	1.56723	1.56723	0.59793	1.15291	1.15291	0.766182	1.08299	1.08299	0.0252384	0.490952	-2.03686	0.0159834	0.454479	-2.20032	0.528997	0.843231	-1.18591	0.93113	0.977156	-1.02338	0.575551	0.859645	-1.16327	2.46255	2.78774	1.00627	1
cg25757829	PTMA;PTMA	0.109438	0.0150389	0.718365	-1.39205	0.282289	0.883677	-1.13164	0.291698	1.12873	1.12873	0.0674368	1.25458	1.25458	0.421675	0.913155	-1.0951	0.257063	0.877288	-1.13988	0.217545	0.86625	-1.1544	0.995199	0.999334	-1.00067	0.349322	0.898853	-1.11253	2.46255	0.477779	0.172461	1
cg19828362	MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MRPL52	0.109438	0.89482	1.01479	1.01479	0.462935	0.920428	-1.08645	0.0896273	0.812478	-1.2308	0.0135379	0.712385	-1.40374	0.513053	1.07639	1.07639	0.0643837	0.794056	-1.25936	0.27613	1.13396	1.13396	0.271209	0.880628	-1.13555	0.202661	0.861344	-1.16098	2.46255	0.480321	0.173378	1
cg16396948	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.109441	0.563033	0.792013	-1.26261	0.961691	1.01934	1.01934	0.0647918	0.437321	-2.28665	0.577828	0.799147	-1.25133	0.00506864	0.228179	-4.38252	0.984737	0.9924	-1.00766	0.670696	0.843192	-1.18597	0.374909	1.4379	1.4379	0.133544	0.524485	-1.90663	2.46252	6.20228	2.23882	1
cg11278204	SDK1	0.109441	0.540565	0.924052	-1.08219	0.565857	0.928673	-1.07681	0.0927658	1.26595	1.26595	0.42136	1.11041	1.11041	0.165038	0.827937	-1.20782	0.674694	1.05529	1.05529	0.0171555	0.690511	-1.4482	0.116172	0.804382	-1.24319	0.189195	0.837502	-1.19403	2.46252	0.633962	0.22884	1
cg04742066	IL1F6	0.109443	0.0194988	0.179298	-5.57731	0.678735	1.28858	1.28858	0.239453	0.472425	-2.11674	0.0810806	0.308091	-3.24579	0.205302	0.443322	-2.25569	0.111923	0.348628	-2.86839	0.0339296	0.221518	-4.51431	0.331366	0.543304	-1.84059	0.0539166	0.263934	-3.78883	2.4625	14.452	5.21675	1
cg13333374	ACSL5	0.109443	0.548736	0.697086	-1.43454	0.0259848	0.207716	-4.81427	0.561044	0.705009	-1.41842	0.183823	2.31295	2.31295	0.350406	0.564623	-1.77109	0.439966	0.626017	-1.5974	0.0219591	0.195056	-5.12674	0.415798	1.63987	1.63987	0.138251	0.38708	-2.58344	2.4625	13.7932	4.97893	1
cg22581187	IQGAP2	0.109443	0.135976	0.628704	-1.59057	0.0746558	0.563502	-1.77462	0.456393	0.803234	-1.24497	0.629205	1.15089	1.15089	0.0310139	0.481235	-2.07799	0.87295	1.04731	1.04731	0.0168099	0.430524	-2.32275	0.642687	0.873752	-1.14449	0.0856995	0.577726	-1.73093	2.4625	3.25414	1.17465	1
cg20991347	PARVB;PARVB	0.109446	0.0270198	20.0688	20.0688	0.154124	5.74088	5.74088	0.141215	6.12593	6.12593	0.158142	5.63174	5.63174	0.0949123	8.185	8.185	0.0417595	14.7081	14.7081	0.0196951	25.2034	25.2034	0.655283	1.67318	1.67318	0.858661	1.22653	1.22653	2.46247	51.1756	18.4731	1
cg12905673	JAKMIP2	0.109446	0.662281	0.81886	-1.22121	0.434919	1.43656	1.43656	0.0324092	3.12328	3.12328	0.344621	1.55682	1.55682	0.194596	0.535831	-1.86626	0.246916	0.576638	-1.73419	0.0412868	0.342875	-2.91652	0.22846	0.562838	-1.77671	0.546284	1.32002	1.32002	2.46247	8.06393	2.91087	1
cg20622019	ADA	0.109456	0.375231	0.700386	-1.42778	0.100008	2.02437	2.02437	0.0872623	2.09347	2.09347	0.135772	1.87589	1.87589	0.477557	0.753838	-1.32654	0.337001	1.47307	1.47307	0.403856	1.3969	1.3969	0.0424996	0.400878	-2.49453	0.315545	0.666254	-1.50093	2.46238	5.97165	2.15569	1
cg09183840	TEC	0.109456	0.16821	1.2839	1.2839	0.586924	1.09785	1.09785	0.0119194	0.586246	-1.70577	0.665718	0.928701	-1.07677	0.775015	1.04998	1.04998	0.334108	1.18474	1.18474	0.0682583	1.41541	1.41541	0.561983	0.905039	-1.10493	0.424793	0.870484	-1.14879	2.46237	1.12936	0.407687	1
cg15935860	PKP1;PKP1	0.109456	0.88231	0.931603	-1.07342	0.0220781	3.71667	3.71667	0.205251	1.89494	1.89494	0.778919	1.14408	1.14408	0.0240914	0.276214	-3.62039	0.684159	0.822339	-1.21604	0.193481	1.93108	1.93108	0.427554	1.47316	1.47316	0.807227	1.12403	1.12403	2.46237	8.92031	3.22014	1
cg10910525	HRC	0.109464	0.243788	1.53866	1.53866	0.0775193	0.499907	-2.00037	0.460744	0.766938	-1.30389	0.0573963	0.467912	-2.13716	0.060859	0.473971	-2.10984	0.33407	0.703258	-1.42195	0.14314	0.573495	-1.7437	0.346942	1.40806	1.40806	0.249598	1.52985	1.52985	2.46229	4.86893	1.75769	1
cg08435131	PLAC9	0.109466	0.321832	0.608856	-1.64242	0.427615	1.48089	1.48089	0.687075	0.821748	-1.21692	0.473607	1.42381	1.42381	0.0335358	0.300023	-3.33308	0.401713	0.659624	-1.51602	0.0138024	0.228666	-4.37319	0.0895419	0.40354	-2.47807	0.23089	0.543739	-1.83912	2.46227	9.16531	3.30871	1
cg09619475	NSUN3;DHFRL1	0.109467	0.798344	1.06019	1.06019	0.389752	1.22288	1.22288	0.531676	0.865341	-1.15561	0.622297	0.892837	-1.12003	0.0384877	0.578478	-1.72867	0.150401	0.70334	-1.42179	0.0305403	1.78647	1.78647	0.913633	0.975537	-1.02508	0.131537	1.45014	1.45014	2.46227	2.03241	0.73371	1
cg27304144	HSPG2	0.109467	0.332767	0.667416	-1.49832	0.211432	0.586971	-1.70366	0.137307	0.523268	-1.91107	0.340676	0.672083	-1.48791	0.0119609	0.281103	-3.55741	0.031061	0.359043	-2.78518	0.386025	1.4328	1.4328	0.768642	1.12679	1.12679	0.214181	0.589045	-1.69766	2.46226	6.38669	2.30562	1
cg13434638	ITGA11	0.109467	0.0707342	60.7305	60.7305	0.108503	35.1693	35.1693	0.207375	14.9348	14.9348	0.260209	10.8937	10.8937	0.839093	1.51202	1.51202	0.110745	34.2539	34.2539	0.0127948	538.037	538.037	0.0493139	95.8257	95.8257	0.0626166	70.8666	70.8666	2.46226	161.262	58.2164	1
cg09301114	RGL2;RGL2;RGL2	0.109469	0.0602908	1.60831	1.60831	0.472271	0.848769	-1.17818	0.021941	0.539831	-1.85243	0.269128	1.29448	1.29448	0.151562	1.41142	1.41142	0.594164	0.88638	-1.12818	0.246694	1.31216	1.31216	0.388479	0.820191	-1.21923	0.886425	1.03257	1.03257	2.46224	1.96141	0.708083	1
cg08966413	USP31	0.109474	0.354188	0.656848	-1.52242	0.144971	0.501469	-1.99414	0.45064	0.712541	-1.40343	0.123112	2.08867	2.08867	0.00917571	0.232507	-4.30094	0.992542	0.995887	-1.00413	0.684301	1.19752	1.19752	0.313556	1.58344	1.58344	0.599481	1.26321	1.26321	2.46219	7.58177	2.73713	1
cg05904317	PDE5A;PDE5A;PDE5A	0.109476	0.753769	0.935665	-1.06876	0.234418	1.30135	1.30135	0.0178699	0.544253	-1.83738	0.34355	0.813671	-1.229	0.0688593	0.650325	-1.53769	0.985032	0.996044	-1.00397	0.671717	1.09427	1.09427	0.943497	1.01509	1.01509	0.0330469	0.590537	-1.69337	2.46218	1.74149	0.628709	1
cg03933290	C17orf85;C17orf85	0.109478	0.463696	0.575823	-1.73664	0.340989	0.483766	-2.06711	0.602464	0.677809	-1.47534	0.835009	1.16689	1.16689	0.0919609	0.253382	-3.94662	0.119144	0.286047	-3.49592	0.00434056	0.059561	-16.7895	0.862261	1.13713	1.13713	0.138479	0.307191	-3.25531	2.46215	21.3556	7.70982	1
cg19120064	FRMD4A	0.109479	0.402301	0.586914	-1.70383	0.00462681	10.4056	10.4056	0.444454	1.62361	1.62361	0.548967	1.4579	1.4579	0.464043	0.629196	-1.58933	0.564491	1.43638	1.43638	0.110692	2.94625	2.94625	0.594648	0.716135	-1.39639	0.803516	0.856433	-1.16763	2.46215	15.0713	5.44108	1
cg17050693	GHDC;GHDC;GHDC;GHDC;GHDC;GHDC;GHDC	0.109479	0.175418	0.645827	-1.5484	0.247753	0.693038	-1.44292	0.414026	0.776178	-1.28837	0.0744709	0.547168	-1.82759	0.176744	0.6468	-1.54607	0.0774692	0.551276	-1.81397	0.0066643	0.343622	-2.91018	0.0572238	0.520604	-1.92084	0.289317	0.716238	-1.39618	2.46214	3.59036	1.2962	1
cg01136776	ASB2	0.10948	0.863558	0.963309	-1.03809	0.34276	0.808622	-1.23667	0.0356236	0.587712	-1.70151	0.320309	1.25004	1.25004	0.990356	0.997377	-1.00263	0.646232	1.10566	1.10566	0.0557906	1.60152	1.60152	0.15401	1.39329	1.39329	0.0904533	0.666691	-1.49994	2.46213	1.84177	0.664922	1
cg06911282	FDFT1	0.109484	0.387612	1.11132	1.11132	0.243403	0.864606	-1.1566	0.617626	1.06182	1.06182	0.107033	0.810831	-1.2333	0.65158	1.05567	1.05567	0.319823	1.13035	1.13035	0.0571497	1.2924	1.2924	0.764031	1.03653	1.03653	0.0160624	1.42075	1.42075	2.4621	0.553939	0.199988	1
cg00990874	C7orf50;C7orf50;C7orf50	0.109487	0.769757	0.933593	-1.07113	0.394042	0.815143	-1.22678	0.303482	0.779169	-1.28342	0.0745267	0.628041	-1.59225	0.00566785	0.427532	-2.33901	0.356866	0.801031	-1.24839	0.899638	1.02998	1.02998	0.0362433	0.565479	-1.76841	0.399252	0.81706	-1.2239	2.46206	2.13737	0.771663	1
cg19460042	HIGD1A;HIGD1A;HIGD1A	0.109488	0.72182	0.9531	-1.04921	0.669789	1.05933	1.05933	0.33991	1.14129	1.14129	0.596523	0.930725	-1.07443	0.0939911	1.28072	1.28072	0.839293	0.973084	-1.02766	0.622255	1.069	1.069	0.932381	1.01147	1.01147	0.00330693	1.71194	1.71194	2.46206	0.704027	0.254178	1
cg18974903	TNKS	0.109488	0.9161	1.02452	1.02452	0.020665	0.526927	-1.8978	0.238029	0.752647	-1.32864	0.918966	0.976875	-1.02367	0.166284	1.40405	1.40405	0.524007	0.862033	-1.16005	0.54111	1.15285	1.15285	0.043173	1.70715	1.70715	0.318172	1.26771	1.26771	2.46205	2.06117	0.744154	1
cg26337020	ST8SIA4;ST8SIA4	0.109489	0.0255211	0.357213	-2.79945	0.251758	0.634517	-1.576	0.248869	0.632572	-1.58085	0.318398	0.676282	-1.47867	0.695451	0.861928	-1.16019	0.876549	1.06043	1.06043	0.00689316	0.252465	-3.96095	0.922601	1.03736	1.03736	0.79224	1.10479	1.10479	2.61232	5.76828	1.71741	1
cg08751499	EDN1;EDN1;EDN1;EDN1	0.109489	0.341635	1.131	1.131	0.0648935	0.770703	-1.29752	0.0782328	0.782075	-1.27865	0.107679	1.24678	1.24678	0.886177	0.982166	-1.01816	0.0680884	0.773606	-1.29265	0.0716085	0.776666	-1.28755	0.589931	0.933927	-1.07075	0.442804	0.906365	-1.10331	2.46205	0.615499	0.222218	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14972743	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.109493	0.659468	0.886117	-1.12852	0.264211	0.728109	-1.37342	0.266134	1.37152	1.37152	0.212355	1.43068	1.43068	0.625885	0.874623	-1.14335	0.810424	0.936577	-1.06772	0.00567469	0.371818	-2.68949	0.296638	0.744502	-1.34318	0.554225	1.17718	1.17718	2.46201	2.89872	1.04656	1
cg14399839	NAIF1	0.109497	0.945798	0.990034	-1.01007	0.475083	0.89853	-1.11293	0.109193	0.77313	-1.29344	0.558557	1.09106	1.09106	0.0327118	0.692048	-1.44499	0.0326374	1.44529	1.44529	0.876945	0.977432	-1.02309	0.120951	0.780573	-1.28111	0.442806	0.891124	-1.12218	2.46197	0.846136	0.305496	1
cg09422614	CACNG8;MIR935	0.109498	0.12491	1.98745	1.98745	0.0217698	3.12268	3.12268	0.0626885	2.37757	2.37757	0.966969	0.983024	-1.01727	0.558908	1.27685	1.27685	0.352886	1.48478	1.48478	0.0104609	3.79084	3.79084	0.247019	1.64956	1.64956	0.441472	1.3834	1.3834	2.46195	6.66661	2.40698	1
cg26306340	FBXO42	0.109499	0.207545	0.813722	-1.22892	0.264516	0.834952	-1.19767	0.559145	1.09595	1.09595	0.333635	1.16728	1.16728	0.215552	1.22407	1.22407	0.556532	0.911884	-1.09663	0.0121068	0.615595	-1.62445	0.346336	1.16232	1.16232	0.233282	1.21391	1.21391	2.46195	0.938057	0.338687	1
cg25783579	STEAP4	0.109503	0.175913	2.18531	2.18531	0.0335897	3.85162	3.85162	0.126699	2.4533	2.4533	0.481858	1.47453	1.47453	0.289248	1.81774	1.81774	0.733792	0.830739	-1.20375	0.809324	0.876933	-1.14034	0.0275483	4.11948	4.11948	0.0242551	4.30196	4.30196	2.46191	11.5067	4.15458	1
cg13500195	ITPKB	0.109508	0.820003	1.0681	1.0681	0.405083	1.27922	1.27922	0.0984559	1.68851	1.68851	0.347009	1.32303	1.32303	0.556139	1.18778	1.18778	0.15227	1.55782	1.55782	0.00832504	0.377231	-2.6509	0.739449	1.10129	1.10129	0.946701	0.98086	-1.01951	2.46186	3.25813	1.17639	1
cg09507790	GATA6	0.109509	0.521244	0.822154	-1.21632	0.455618	1.25719	1.25719	0.139293	1.61486	1.61486	0.720646	0.897489	-1.11422	0.0508549	0.511692	-1.9543	0.631	0.86436	-1.15693	0.115717	0.597495	-1.67365	0.0267421	2.20461	2.20461	0.73967	0.904437	-1.10566	2.46185	3.53726	1.27718	1
cg01626227	TRIM4;TRIM4	0.10951	0.24664	0.486748	-2.05445	0.104276	0.348045	-2.87319	0.727133	0.812047	-1.23146	0.608003	0.735305	-1.35998	0.986732	1.00993	1.00993	0.409686	0.605867	-1.65053	0.0114886	6.54784	6.54784	0.13054	0.378922	-2.63906	0.258823	0.496505	-2.01408	2.46184	13.7714	4.97238	1
cg05634630	ANKS1B;ANKS1B;ANKS1B	0.10951	0.359354	1.34802	1.34802	0.076496	1.86713	1.86713	0.401272	0.761677	-1.31289	0.414313	0.767645	-1.30269	0.430232	0.774813	-1.29063	0.499311	0.80468	-1.24273	0.414766	0.767851	-1.30234	0.00955535	2.8291	2.8291	0.722621	0.893207	-1.11956	2.46184	3.91501	1.41358	1
cg19287961	NCRNA00164;MIR663B	0.109511	0.145525	1.64398	1.64398	0.504539	0.806213	-1.24037	0.608412	1.17865	1.17865	0.558784	1.20691	1.20691	0.316377	0.719294	-1.39025	0.0900506	0.551961	-1.81172	0.0598485	1.96484	1.96484	0.0276408	2.28937	2.28937	0.487115	1.25179	1.25179	2.46183	3.94484	1.42436	1
cg02400572	NGB	0.109511	0.0793776	3.01114	3.01114	0.0486478	3.57797	3.57797	0.185861	2.21221	2.21221	0.500008	1.47336	1.47336	0.0903677	2.87576	2.87576	0.0547033	3.43343	3.43343	0.0151694	5.41163	5.41163	0.0746632	3.07706	3.07706	0.60116	1.3479	1.3479	2.46183	12.4929	4.5108	1
cg03431137	TMEM188	0.109511	?	?	?	0.993602	0.992976	-1.00707	0.957109	0.953822	-1.04841	0.980156	0.978373	-1.0221	0.00734663	0.0479565	-20.8522	0.0507913	0.141398	-7.07226	?	?	?	0.638518	0.65972	-1.5158	0.82252	1.21834	1.21834	2.51888	23.9768	10.8787	1
cg19233923	OTUB1;OTUB1;OTUB1	0.109511	0.0202253	1.76357	1.76357	0.274153	1.25928	1.25928	0.948545	0.98701	-1.01316	0.00886029	1.96395	1.96395	0.0648441	1.52211	1.52211	0.378927	1.20068	1.20068	0.699893	1.08163	1.08163	0.329029	1.22642	1.22642	0.331692	1.22496	1.22496	2.46183	1.60043	0.577867	1
cg11288831	RASA3	0.109512	0.215493	0.620188	-1.61242	0.549073	0.800786	-1.24877	0.0259939	0.379716	-2.63354	0.186134	0.598299	-1.6714	0.010891	0.309935	-3.22648	0.898041	1.0481	1.0481	0.266439	0.654218	-1.52854	0.794178	0.908636	-1.10055	0.0498099	0.440469	-2.27031	2.46182	5.23586	1.89051	1
cg00199048	MAP3K14	0.109518	0.10931	0.810144	-1.23435	0.150201	1.2044	1.2044	0.0252155	1.37841	1.37841	0.424167	0.906264	-1.10343	0.716938	0.957045	-1.04488	0.996426	1.00054	1.00054	0.105667	0.808049	-1.23755	0.445615	0.910506	-1.09829	0.216193	1.16992	1.16992	2.46176	0.566911	0.204699	1
cg09401463	RUNDC2A	0.109518	0.144069	2.78511	2.78511	0.746009	1.2363	1.2363	0.170102	0.385327	-2.5952	0.153197	0.368507	-2.71365	0.0387711	0.209741	-4.76778	0.416077	1.7203	1.7203	0.875523	1.10773	1.10773	?	?	?	0.0576211	0.246285	-4.06033	2.48728	14.9163	5.99703	1
cg21898226	DIRC3	0.109518	0.0885859	0.386164	-2.58958	0.0101492	0.193538	-5.16694	0.119281	0.424759	-2.35428	0.736503	1.18655	1.18655	0.128261	0.434855	-2.29962	0.387956	0.638796	-1.56544	0.14291	0.450451	-2.22	0.0827405	0.377883	-2.64632	0.679831	1.2339	1.2339	2.46176	10.0017	3.6114	1
cg21958524	ANKS1B;ANKS1B;ANKS1B	0.109518	0.259983	2.27198	2.27198	0.275217	2.20965	2.20965	0.383929	0.536046	-1.86551	0.676706	1.34026	1.34026	0.145098	2.98282	2.98282	0.108603	3.39515	3.39515	0.00902812	10.157	10.157	0.0463763	4.92168	4.92168	0.314754	2.06692	2.06692	2.46175	19.0186	6.86722	1
cg11318576	CDC42SE2;CDC42SE2	0.109519	0.951801	1.01636	1.01636	0.49391	0.829895	-1.20497	0.498729	1.2024	1.2024	0.191113	0.689699	-1.44991	0.0141667	0.443805	-2.25324	0.0534187	0.554966	-1.80191	0.673217	1.12058	1.12058	0.124434	1.5628	1.5628	0.939296	1.02065	1.02065	2.46175	2.80849	1.01409	1
cg00040008	KLHL2	0.109519	0.141558	0.768361	-1.30147	0.0730903	0.716623	-1.39543	0.0604571	1.42319	1.42319	0.883596	0.975875	-1.02472	0.457438	1.13444	1.13444	0.173795	0.785676	-1.27279	0.0541016	0.694608	-1.43966	0.821529	1.03838	1.03838	0.36791	1.16669	1.16669	2.46175	1.08335	0.391177	1
cg22881750	CPNE5	0.10952	0.0215402	0.166122	-6.01966	0.024083	0.173881	-5.75106	0.111544	0.324001	-3.08641	0.0965623	0.305345	-3.27499	0.0592639	0.250401	-3.9936	0.299649	0.497109	-2.01163	0.153712	0.370402	-2.69977	0.0910478	0.298086	-3.35474	0.149556	0.36614	-2.7312	2.46174	16.4852	5.95251	1
cg17939889	HDAC4	0.109524	0.0800301	0.151414	-6.60442	0.723916	0.708432	-1.41157	0.554845	1.787	1.787	0.20263	0.27054	-3.69632	0.0909524	0.163689	-6.10916	0.283051	0.338213	-2.95672	0.012574	0.0489772	-20.4177	0.0983451	0.171705	-5.82395	0.059584	0.126634	-7.89674	2.4617	36.8297	13.2987	1
cg20056914	PSMB11	0.109525	0.307477	0.533439	-1.87463	0.989026	1.00821	1.00821	0.992855	1.00534	1.00534	0.808253	1.15561	1.15561	0.00251152	0.0823678	-12.1407	0.603128	1.36618	1.36618	0.570757	1.40609	1.40609	0.902021	0.929357	-1.07601	0.448878	0.631871	-1.5826	2.46169	13.7959	4.98153	1
cg09659300	VPS37B	0.109526	0.800985	0.876549	-1.14084	0.264995	0.545521	-1.83311	0.177068	0.473098	-2.11373	0.436971	0.661226	-1.51234	0.00888245	0.17604	-5.68054	0.868745	1.09011	1.09011	0.226008	1.94103	1.94103	0.231955	1.92318	1.92318	0.346981	1.65729	1.65729	2.46168	10.6098	3.83109	1
cg21911849	METTL14	0.109526	?	?	?	0.0700778	3.16324	3.16324	0.451647	1.53686	1.53686	0.0682526	3.19387	3.19387	0.0767729	3.05958	3.05958	0.119448	2.60184	2.60184	0.0691142	0.314537	-3.17928	0.446631	1.54455	1.54455	0.47226	1.50625	1.50625	2.63622	11.3446	3.76544	1
cg14425843	SAMD9	0.109526	0.41785	0.854348	-1.17048	0.0328646	0.622152	-1.60733	0.29263	0.812537	-1.23071	0.113355	1.38764	1.38764	0.781632	1.05426	1.05426	0.359571	0.836014	-1.19615	0.108704	1.39467	1.39467	0.520366	0.883478	-1.13189	0.0663081	0.675963	-1.47937	2.46168	1.40952	0.508966	1
cg08971769	USP54	0.109527	0.00599306	0.337423	-2.96364	0.235042	1.45713	1.45713	0.697483	1.12542	1.12542	0.608753	0.855425	-1.16901	0.607532	0.854962	-1.16964	0.146798	1.60164	1.60164	0.750207	1.10143	1.10143	0.373637	0.758626	-1.31817	0.41742	0.778285	-1.28488	2.46167	3.56708	1.28804	1
cg23176340	MIR7-2	0.109529	0.0408969	0.25541	-3.91527	0.0144405	0.174901	-5.71751	0.0311057	0.231448	-4.32063	0.547632	0.703327	-1.42181	0.0649386	0.301573	-3.31594	0.76758	0.842474	-1.18698	0.426211	0.625052	-1.59987	0.956802	1.03183	1.03183	0.260121	0.506933	-1.97265	2.46165	13.0418	4.70931	1
cg00576525	ZNF282	0.10953	0.659119	0.917875	-1.08947	0.0792077	1.45669	1.45669	0.0242523	1.67946	1.67946	0.492132	1.14416	1.14416	0.909587	1.02217	1.02217	0.142843	1.35528	1.35528	0.596098	0.901896	-1.10878	0.190518	0.76522	-1.30681	0.121047	0.722874	-1.38337	2.46164	1.45271	0.524569	1
cg15783800	ALPK2	0.109531	0.177578	0.720892	-1.38717	0.21944	1.34307	1.34307	0.0382781	1.73047	1.73047	0.162895	0.711619	-1.40525	0.242242	0.756129	-1.32253	0.83931	1.04747	1.04747	0.601198	1.12801	1.12801	0.0772689	0.638501	-1.56617	0.195935	0.73172	-1.36664	2.46163	2.03386	0.734422	1
cg19376851	FLJ32063	0.109532	0.0520704	27.7553	27.7553	0.100717	14.9358	14.9358	0.19453	7.87671	7.87671	0.672458	0.527544	-1.89558	0.0316753	44.1745	44.1745	0.472113	0.332892	-3.00398	0.0329481	42.5728	42.5728	0.22533	6.78739	6.78739	0.975545	1.04718	1.04718	2.46162	88.1766	31.8405	1
cg10820936	MREG	0.109533	0.0399217	0.100938	-9.90709	0.435176	0.463553	-2.15725	0.5237	0.535787	-1.86641	0.175773	0.249047	-4.0153	0.0570288	0.125009	-7.99945	0.15544	0.230421	-4.33989	0.0139256	0.053214	-18.792	0.891826	1.14041	1.14041	0.0569653	0.124925	-8.00479	2.46161	36.3529	13.127	1
cg04482943	TMEM199;POLDIP2	0.109534	0.15023	0.668358	-1.4962	0.0468207	1.8123	1.8123	0.176031	1.45624	1.45624	0.731252	0.913862	-1.09426	0.536627	0.849187	-1.1776	0.988616	0.996279	-1.00373	0.0840949	0.606932	-1.64763	0.060035	0.5745	-1.74064	0.423609	1.23803	1.23803	2.4616	2.66114	0.96094	1
cg00665405	DIP2B	0.109536	0.0591483	1.35089	1.35089	0.0819707	0.761818	-1.31265	0.239738	1.18978	1.18978	0.637602	0.935218	-1.06927	0.295277	1.16557	1.16557	0.108662	1.28018	1.28018	0.874152	1.02263	1.02263	0.485399	0.904776	-1.10525	0.0386556	1.40222	1.40222	2.46158	0.77681	0.28051	1
cg00096979	TSC2;TSC2;TSC2	0.109537	0.770039	1.04923	1.04923	0.132917	1.30447	1.30447	0.604363	1.08947	1.08947	0.0200278	0.631222	-1.58423	0.210028	0.805279	-1.24181	0.735779	0.945988	-1.0571	0.0574611	1.42228	1.42228	0.692852	1.06725	1.06725	0.281485	0.832351	-1.20142	2.46157	1.04782	0.378373	1
cg16193717	SLC12A7	0.109537	0.560598	0.583894	-1.71264	0.011484	18.0154	18.0154	0.0294612	10.4273	10.4273	0.53484	1.77657	1.77657	0.469757	0.510476	-1.95896	0.384153	2.26116	2.26116	0.12576	4.54859	4.54859	0.338243	2.46602	2.46602	0.201036	3.43732	3.43732	2.46157	32.5916	11.769	1
cg06073550	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.109538	0.0904362	0.697933	-1.4328	0.159262	0.748285	-1.33639	0.0449656	0.641756	-1.55823	0.163845	0.750964	-1.33162	0.038926	0.630766	-1.58537	0.181005	0.760506	-1.31491	0.859404	0.9664	-1.03477	0.166633	0.752564	-1.32879	0.0142379	0.558305	-1.79114	2.46156	1.44866	0.523124	1
cg26435734	C11orf83;C11orf48;C11orf83;C11orf48	0.109539	0.87569	1.03953	1.03953	0.65745	1.11687	1.11687	0.286608	1.3153	1.3153	0.154809	0.68582	-1.45811	0.130514	0.667345	-1.49847	0.601048	0.877507	-1.13959	0.720151	1.09319	1.09319	0.0104497	2.22191	2.22191	0.18194	1.42035	1.42035	2.46156	2.39144	0.863571	1
cg20078405	MAP3K9	0.109542	0.0780135	6.84443	6.84443	0.0503328	8.94698	8.94698	0.138518	4.78937	4.78937	0.244432	3.30711	3.30711	0.772784	0.752493	-1.32892	0.121652	5.1975	5.1975	0.0176176	17.0544	17.0544	0.0412433	10.1027	10.1027	0.326474	2.7049	2.7049	2.46152	37.6123	13.5823	1
cg13425174	DEF6	0.109546	0.521009	1.28855	1.28855	0.0172134	3.09909	3.09909	0.581524	0.804979	-1.24227	0.877541	0.941679	-1.06193	0.366285	0.696477	-1.4358	0.532249	0.7815	-1.27959	0.537418	0.783989	-1.27553	0.0214089	2.93675	2.93675	0.250405	1.59689	1.59689	2.46148	5.92066	2.13806	1
cg01754155	DCBLD2;DCBLD2	0.109546	0.616745	1.07029	1.07029	0.868688	0.977972	-1.02252	0.862827	0.976989	-1.02355	0.238896	1.18062	1.18062	0.315206	0.869529	-1.15005	0.106021	0.788478	-1.26827	0.0168343	0.675282	-1.48086	0.920269	0.986613	-1.01357	0.060503	1.32967	1.32967	2.46148	0.706462	0.255117	1
cg24368998	FAM18B2;FAM18B2	0.109548	0.0145042	19.8839	19.8839	0.630006	1.61909	1.61909	0.0920547	6.30319	6.30319	0.373701	2.47573	2.47573	0.750563	1.37248	1.37248	0.811513	0.788855	-1.26766	0.917076	1.10893	1.10893	0.0522533	8.95043	8.95043	0.0238754	14.5304	14.5304	2.46146	38.4213	13.8748	1
cg17876641	KIF21B	0.10955	0.629043	0.82191	-1.21668	0.0475922	0.401366	-2.49149	0.115525	0.501904	-1.99241	0.453701	1.36005	1.36005	0.0104004	0.272527	-3.66936	0.8009	1.10718	1.10718	0.510382	1.30868	1.30868	0.782773	0.89462	-1.11779	0.164041	0.549744	-1.81903	2.46144	6.32856	2.2854	1
cg08859698	EPHB2;EPHB2	0.109551	0.111586	0.604203	-1.65507	0.835548	1.0623	1.0623	0.320413	0.741932	-1.34783	0.117482	0.609982	-1.63939	0.139596	0.629895	-1.58757	0.137439	0.62806	-1.5922	0.0273609	2.13601	2.13601	0.800439	1.07642	1.07642	0.216102	0.684904	-1.46006	2.46143	3.29532	1.19003	1
cg04284956	WHSC1;WHSC1;WHSC1;WHSC1;WHSC1	0.109552	0.158617	0.702212	-1.42407	0.93142	0.98001	-1.0204	0.501041	0.851957	-1.17377	0.0999887	1.5263	1.5263	0.0305464	0.550879	-1.81528	0.644281	0.896663	-1.11525	0.311943	0.782392	-1.27813	0.0461736	1.70906	1.70906	0.934343	1.01952	1.01952	2.46142	2.14554	0.774813	1
cg27496116	DNAJC15	0.109552	0.211605	0.543784	-1.83896	0.721275	0.847186	-1.18038	0.0836876	0.412224	-2.42587	0.0324838	3.18611	3.18611	0.0500933	0.355528	-2.81272	0.777543	0.877109	-1.14011	0.346172	0.638197	-1.56692	0.259645	1.72352	1.72352	0.49906	0.727845	-1.37392	2.46142	8.35445	3.01703	1
cg13991834	BCL2L15	0.109553	0.661483	0.764616	-1.30785	0.33273	0.544091	-1.83793	0.0603263	0.275168	-3.63414	0.393661	0.587303	-1.7027	0.0150437	0.161985	-6.17341	0.423479	0.607774	-1.64535	0.0818264	0.308942	-3.23685	0.116536	2.82573	2.82573	0.317313	0.532778	-1.87695	2.46142	14.4636	5.22324	1
cg24209194	ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619	0.109553	0.628356	1.16274	1.16274	0.00655972	2.97873	2.97873	0.106678	1.72375	1.72375	0.1933	1.5304	1.5304	0.0638992	1.90367	1.90367	0.36673	1.33194	1.33194	0.648328	1.15251	1.15251	0.337631	0.736706	-1.35739	0.814696	1.07527	1.07527	2.46141	3.725	1.34521	1
cg15570395	ENPP6	0.109554	0.194564	0.385996	-2.5907	0.33053	0.498319	-2.00675	0.0553176	0.221592	-4.5128	0.185374	2.64917	2.64917	0.332974	0.500183	-1.99927	0.101451	0.288238	-3.46936	0.152985	0.34588	-2.89117	0.0709121	4.05414	4.05414	0.4051	0.553824	-1.80563	2.46141	18.7593	6.77455	1
cg06636625	ZNF17	0.109555	0.0340373	0.267349	-3.74043	0.0421384	0.286963	-3.48478	0.224991	0.506851	-1.97297	0.542594	0.719899	-1.38908	0.0658647	0.332724	-3.00549	0.660391	0.789973	-1.26587	0.0108394	0.181574	-5.50739	0.334257	0.588011	-1.70065	0.377561	0.617068	-1.62057	2.46139	11.0834	4.00259	1
cg22777020	RNF185;RNF185;RNF185;RNF185;RNF185;RNF185;RNF185	0.109558	0.0849627	0.736095	-1.35852	0.451093	0.883814	-1.13146	0.341273	0.854074	-1.17086	0.0221812	0.643348	-1.55437	0.20949	0.808346	-1.23709	0.306239	0.843333	-1.18577	0.342771	0.854516	-1.17025	0.228809	1.22526	1.22526	0.105799	1.32867	1.32867	2.46136	1.00862	0.364251	1
cg14389924	PELP1	0.109558	0.262119	0.796491	-1.25551	0.569252	0.894102	-1.11844	0.0968665	0.701432	-1.42565	0.251987	0.792259	-1.26221	0.0553674	0.655336	-1.52593	0.0520195	0.650415	-1.53748	0.00630792	0.500463	-1.99815	0.400624	0.845846	-1.18225	0.27837	0.803051	-1.24525	2.46136	1.47613	0.533087	1
cg22865050	TMEM205;TMEM205;CCDC159;TMEM205	0.109562	0.00469029	0.685939	-1.45786	0.980586	1.00244	1.00244	0.965821	1.00431	1.00431	0.717764	1.03708	1.03708	0.806938	0.975742	-1.02486	0.401385	1.08997	1.08997	0.261631	0.889219	-1.12458	0.565578	0.943407	-1.05999	0.1462	1.16936	1.16936	2.46132	0.392166	0.141628	1
cg22798045	HIPK3;HIPK3	0.109563	0.57927	0.854148	-1.17076	0.232969	1.42198	1.42198	0.67629	1.12547	1.12547	0.0310297	0.490343	-2.03939	?	?	?	0.303328	0.740736	-1.35001	0.0438245	1.91973	1.91973	0.262736	1.38914	1.38914	0.489255	0.820589	-1.21864	2.48682	2.77399	1.11548	1
cg23413278	CACNA1I;CACNA1I	0.109566	0.108772	0.437295	-2.28678	0.0670275	0.378788	-2.64	0.251639	0.567597	-1.76181	0.454461	0.69747	-1.43375	0.0732335	0.388805	-2.57198	0.0823998	0.402595	-2.48389	0.0219938	0.272751	-3.66635	0.0203539	0.26652	-3.75206	0.458657	0.699891	-1.42879	2.46129	8.71688	3.14808	1
cg26576155	NMB;NMB	0.109566	0.730087	0.953525	-1.04874	0.501962	0.910617	-1.09816	0.553909	0.921021	-1.08575	0.231517	0.841612	-1.1882	0.421461	0.893293	-1.11945	0.0615023	0.748684	-1.33568	0.00715973	0.620551	-1.61147	0.0608748	0.748028	-1.33685	0.400293	1.12559	1.12559	2.46129	0.735991	0.265802	1
cg01339704	SMTNL2;SMTNL2	0.109567	0.890221	0.917958	-1.08937	0.859554	0.896026	-1.11604	0.634963	1.34509	1.34509	0.950771	1.03901	1.03901	0.203826	0.435467	-2.29638	0.97918	1.01631	1.01631	0.0414439	4.29603	4.29603	0.0957842	3.10821	3.10821	0.011668	7.055	7.055	2.46128	14.978	5.4093	1
cg00058799	PIGQ;PIGQ	0.10957	0.834953	1.12442	1.12442	0.21605	2.07873	2.07873	0.650634	1.29208	1.29208	0.531394	1.42809	1.42809	0.0188814	0.202226	-4.94496	0.506535	0.684683	-1.46053	0.0706483	0.321284	-3.11251	0.246159	1.97723	1.97723	0.114611	0.381183	-2.62341	2.46125	12.3144	4.44741	1
cg23247968	C10orf26;C10orf26;C10orf26	0.109571	0.90723	1.03245	1.03245	0.0233357	0.47597	-2.10097	0.0298849	0.496608	-2.01366	0.562445	1.17401	1.17401	0.986205	1.00475	1.00475	0.153004	1.52077	1.52077	0.332647	1.31491	1.31491	0.498654	1.20702	1.20702	0.413633	1.25727	1.25727	2.46123	2.92509	1.05641	1
cg22934035	LTB;LTB	0.109573	0.019882	0.292703	-3.41643	0.43186	1.41992	1.41992	0.642994	0.815458	-1.2263	0.598857	0.792946	-1.26112	0.48295	0.732254	-1.36565	0.462639	0.721246	-1.38649	0.0182134	0.285689	-3.50031	0.0370088	0.346966	-2.88212	0.840016	0.915449	-1.09236	2.46122	7.44579	2.68911	1
cg12943082	CCL26	0.109575	0.254244	0.580324	-1.72318	0.0408284	0.339886	-2.94217	0.0249806	0.295459	-3.38456	0.317107	0.623308	-1.60434	0.0445357	0.348377	-2.87045	0.0869725	0.421486	-2.37256	0.0907851	0.426707	-2.34353	0.756312	0.867372	-1.15291	0.0480472	0.355962	-2.80929	2.46119	8.14408	2.94133	1
cg01057893	NAP1L4	0.109578	0.665709	0.863697	-1.15781	0.999057	0.999601	-1.0004	0.118779	0.565074	-1.76968	0.907206	1.04009	1.04009	0.00972713	0.332065	-3.01145	0.684325	1.14774	1.14774	0.114431	1.7839	1.7839	0.234151	1.52263	1.52263	0.539755	1.23278	1.23278	2.46116	4.42965	1.59984	1
cg05281831	RCOR1	0.109579	0.057033	0.19541	-5.11744	0.432289	1.83608	1.83608	0.193124	2.84111	2.84111	0.175914	0.335849	-2.97752	0.0143265	0.101319	-9.86982	0.473084	0.575058	-1.73896	0.143293	0.303449	-3.29544	0.633487	0.694737	-1.43939	0.394653	0.516323	-1.93677	2.46116	22.4079	8.09299	1
cg27256629	GIMAP1	0.109582	0.792256	1.06258	1.06258	0.382805	0.813995	-1.22851	0.432961	0.831933	-1.20202	0.94766	0.985017	-1.01521	0.0318693	1.78307	1.78307	0.148896	1.42756	1.42756	0.0219972	1.88087	1.88087	0.502301	0.855076	-1.16949	0.295302	0.779139	-1.28347	2.46112	2.06103	0.744384	1
cg17239558	PRDM16;PRDM16	0.109583	0.881899	0.966579	-1.03458	0.530101	0.864414	-1.15685	0.0747259	0.630288	-1.58658	0.206068	0.735308	-1.35997	0.188446	0.725093	-1.37913	0.0570576	0.605379	-1.65186	0.0324641	0.556072	-1.79833	0.0817212	1.5655	1.5655	0.306484	0.783998	-1.27551	2.61127	2.11628	0.630342	1
cg14064124	DDX50	0.109588	0.196977	0.795099	-1.2577	0.147378	1.29866	1.29866	0.0857637	1.37603	1.37603	0.267007	0.823339	-1.21457	0.0473099	0.682851	-1.46445	0.73734	1.05821	1.05821	0.141235	1.30469	1.30469	0.19756	1.25729	1.25729	0.654534	1.07865	1.07865	2.46107	1.10137	0.397794	1
cg18559568	C21orf121	0.10959	0.0659282	0.346349	-2.88726	0.0242177	0.251376	-3.9781	0.216751	0.512757	-1.95024	0.201921	0.500338	-1.99865	0.026557	0.258957	-3.86164	0.100932	0.397229	-2.51744	0.084201	0.374631	-2.6693	0.0531695	0.323349	-3.09263	0.256107	0.543775	-1.83899	2.46104	10.2943	3.71814	1
cg01735991	LMBRD1	0.109592	0.157373	0.406817	-2.45811	0.0929707	3.00231	3.00231	0.234053	2.1002	2.1002	0.455786	1.57118	1.57118	0.0563701	0.276606	-3.61526	0.658771	0.767703	-1.30259	0.085269	0.322491	-3.10086	0.192055	2.27365	2.27365	0.433796	0.621838	-1.60814	2.46103	13.7905	4.98095	1
cg14608424	ABR;ABR	0.109593	0.116011	1.71862	1.71862	0.871153	1.0528	1.0528	0.0206933	2.41845	2.41845	0.0212927	2.40468	2.40468	0.769491	0.911055	-1.09763	0.36217	1.3457	1.3457	0.53598	1.21979	1.21979	0.40154	1.31283	1.31283	0.186679	0.641634	-1.55852	2.46102	3.91692	1.41474	1
cg01835326	LOC283867	0.109593	0.0526547	0.360556	-2.77349	0.252703	0.575087	-1.73887	0.366882	0.651	-1.5361	0.15611	0.495293	-2.01901	0.00982521	0.220622	-4.53263	0.845271	0.913496	-1.0947	0.117454	0.455033	-2.19764	0.0564346	0.367817	-2.71874	0.0836634	0.412085	-2.42669	2.46102	8.35785	3.01875	1
ch.18.925473R	ACAA2	0.109594	0.00706187	0.233395	-4.28459	0.159324	0.533373	-1.87486	0.0716943	0.431541	-2.31728	0.107757	0.480239	-2.0823	0.1054	0.477438	-2.09451	0.947452	0.972831	-1.02793	0.0740435	0.435184	-2.29788	0.453732	0.726916	-1.37567	0.492522	0.747299	-1.33815	2.46101	6.80717	2.45867	1
cg14850660	HEBP1	0.109594	0.354443	0.843812	-1.1851	0.27449	1.2247	1.2247	0.878149	0.973021	-1.02773	0.179735	0.775689	-1.28918	0.0383231	0.651889	-1.534	0.0510245	0.672881	-1.48615	0.366783	1.17972	1.17972	0.970323	1.00665	1.00665	0.0348929	0.645145	-1.55004	2.461	1.23861	0.447372	1
cg19957727	TBCCD1;TBCCD1;DNAJB11	0.109596	0.674304	1.05805	1.05805	0.885666	0.980976	-1.01939	0.814402	0.969095	-1.03189	0.114195	1.25782	1.25782	0.11315	1.2588	1.2588	0.519877	1.09099	1.09099	0.010352	0.649772	-1.539	0.278706	1.16225	1.16225	0.351244	1.13664	1.13664	2.46099	0.694592	0.250881	1
cg17954142	GALNT2	0.109596	0.0968479	0.461106	-2.1687	0.879166	1.06675	1.06675	0.0547062	0.396285	-2.52344	0.696807	1.18095	1.18095	0.130124	0.499358	-2.00257	0.0152068	0.281849	-3.54799	0.106576	0.473099	-2.11372	0.0775263	0.43456	-2.30118	0.291736	0.628345	-1.59148	2.46098	7.03192	2.53988	1
cg03260661	MST1P2	0.109598	0.587835	1.05933	1.05933	0.775952	1.03051	1.03051	0.457254	1.08301	1.08301	0.0965584	0.825163	-1.21188	0.0455904	1.27312	1.27312	0.0435902	1.27686	1.27686	0.262333	0.884168	-1.13101	0.292891	1.1218	1.1218	0.0963504	1.21206	1.21206	2.46097	0.432455	0.1562	1
cg18187029	ELK3	0.109598	0.935315	1.0312	1.0312	0.00709262	3.73131	3.73131	0.0403532	2.45072	2.45072	0.937577	1.03009	1.03009	0.294023	0.662341	-1.5098	0.674795	1.17319	1.17319	0.583254	0.81081	-1.23334	0.581129	1.23483	1.23483	0.587267	0.812657	-1.23053	2.46097	5.58411	2.01695	1
cg06412937	BPGM;BPGM	0.109599	0.0134882	0.650096	-1.53823	0.431097	0.893017	-1.1198	0.618159	0.931686	-1.07332	0.164148	1.23248	1.23248	0.682389	1.05964	1.05964	0.0812141	1.31284	1.31284	0.152401	0.805858	-1.24091	0.577134	0.92375	-1.08254	0.628167	0.93359	-1.07113	2.46095	0.772766	0.279121	1
cg00653870	PDLIM7;PDLIM7;PDLIM7	0.109601	0.0995652	0.541418	-1.847	0.222415	1.54627	1.54627	0.0569022	0.480746	-2.0801	0.444046	0.767029	-1.30373	0.0823491	0.519903	-1.92343	0.452503	0.770937	-1.29712	0.0173048	0.373282	-2.67894	0.647365	1.16947	1.16947	0.582132	0.827865	-1.20793	2.46094	4.50314	1.62653	1
cg20080624	DLX5	0.109601	0.945301	1.04271	1.04271	0.681158	1.28634	1.28634	0.751044	1.21409	1.21409	0.568075	0.703503	-1.42146	0.385345	1.72018	1.72018	0.19384	0.432627	-2.31146	0.299894	0.519561	-1.9247	0.00480444	9.78271	9.78271	0.355199	1.78545	1.78545	2.46094	14.4783	5.22954	1
cg17762035	ZDHHC23;ZDHHC23	0.109601	0.0730965	1.26366	1.26366	0.0247927	0.731376	-1.36729	0.359382	0.895542	-1.11664	0.596709	0.939397	-1.06451	0.1686	0.842197	-1.18737	0.0592897	0.779369	-1.28309	0.926948	0.989321	-1.01079	0.595474	1.06474	1.06474	0.190623	0.850231	-1.17615	2.46094	0.534193	0.19295	1
cg09265054	GPT	0.109602	0.289194	0.446576	-2.23926	0.0139857	0.108185	-9.2434	0.809465	1.19363	1.19363	0.925671	0.933911	-1.07077	0.160185	0.333049	-3.00256	0.263755	0.425873	-2.34812	0.0314407	0.157382	-6.35397	0.0323994	0.159557	-6.26737	0.569915	0.656552	-1.52311	2.46093	20.9262	7.55857	1
cg06753662	LGTN	0.109604	0.369629	0.774832	-1.2906	0.80649	1.07031	1.07031	0.199408	1.45557	1.45557	0.369394	0.774731	-1.29077	0.134074	0.639317	-1.56417	0.0281561	0.487832	-2.04988	0.0757356	0.578502	-1.7286	0.110801	1.61779	1.61779	0.494662	0.825302	-1.21168	2.46091	2.98789	1.07924	1
cg07041565	GRAMD2	0.109611	0.400469	0.791891	-1.2628	0.349799	0.770337	-1.29813	0.161829	1.49929	1.49929	0.00916697	0.407736	-2.45257	0.933569	1.02286	1.02286	0.473276	0.820575	-1.21866	0.216002	0.702573	-1.42334	0.40749	0.794762	-1.25824	0.158473	1.50486	1.50486	2.46084	2.86466	1.03475	1
cg20388427	RBM22;RBM22	0.109611	0.0279867	1.4184	1.4184	0.267057	1.16844	1.16844	0.968799	1.00528	1.00528	0.72746	0.953988	-1.04823	0.168554	1.21838	1.21838	0.259816	0.853635	-1.17146	0.223196	0.841718	-1.18805	0.0269783	1.42279	1.42279	0.824549	1.03034	1.03034	2.46084	0.706424	0.25517	1
cg19637113	CCDC33	0.109613	0.344358	0.77801	-1.28533	0.968616	1.01019	1.01019	0.0259908	0.506104	-1.97588	0.0858736	0.613132	-1.63097	0.527122	0.84778	-1.17955	0.781967	1.07412	1.07412	0.0328609	1.90265	1.90265	0.489425	1.19837	1.19837	0.434768	0.814337	-1.22799	2.46082	2.58852	0.935013	1
cg14423881	C7orf69;PKD1L1	0.109613	0.0827266	0.405103	-2.46851	0.175677	0.508064	-1.96825	0.422516	0.680267	-1.47001	0.342153	1.58449	1.58449	0.0119159	0.228598	-4.37449	0.951428	0.97176	-1.02906	0.0339578	0.312193	-3.20315	0.422091	0.680016	-1.47055	0.919741	0.95371	-1.04854	2.46082	8.61882	3.11326	1
cg08453784	TOP1MT	0.109615	0.202055	0.781574	-1.27947	0.0678321	0.687814	-1.45388	0.272498	0.811423	-1.2324	0.606765	0.909384	-1.09965	0.90268	1.02263	1.02263	0.00417593	0.495463	-2.01831	0.340797	0.835602	-1.19674	0.861539	0.968564	-1.03246	0.588513	1.1051	1.1051	2.4608	1.3046	0.471247	1
cg23468137	BNIP3	0.109615	0.490165	1.18245	1.18245	0.0307631	1.8342	1.8342	0.0478418	1.71763	1.71763	0.0304581	1.83693	1.83693	0.347212	0.793402	-1.2604	0.681895	1.10355	1.10355	0.083475	1.58103	1.58103	0.368664	1.24703	1.24703	0.146628	1.45137	1.45137	2.4608	2.22798	0.804789	1
cg25531700	MMP17	0.109618	0.533058	0.887449	-1.12683	0.552206	0.892491	-1.12046	0.50279	1.13726	1.13726	0.176748	0.762179	-1.31203	0.560449	0.894639	-1.11777	0.089747	0.70205	-1.4244	0.0329046	0.623817	-1.60304	0.254369	1.25244	1.25244	0.0563433	1.50483	1.50483	2.46077	1.39403	0.503555	1
cg01006983	DEFB135	0.109621	0.742406	0.89816	-1.11339	0.020847	0.404253	-2.4737	0.0454079	0.47362	-2.1114	0.927272	1.13018	1.13018	0.235183	0.666854	-1.49958	0.134685	1.69083	1.69083	0.908455	1.03817	1.03817	0.0682059	0.514267	-1.94451	0.527618	0.81187	-1.23172	2.46074	4.13322	1.49304	1
cg13660477	NCK2;NCK2	0.109623	0.279798	1.51259	1.51259	0.1489	1.76856	1.76856	0.005677	3.80525	3.80525	0.53772	0.794669	-1.25839	0.385484	0.72058	-1.38777	0.272425	0.656557	-1.5231	0.959976	0.981686	-1.01866	0.530253	1.26386	1.26386	0.996449	0.998362	-1.00164	2.46072	5.28697	1.90982	1
cg24834823	C8orf86	0.109626	0.0683035	0.314275	-3.18193	0.0319292	0.240371	-4.16024	0.0910388	0.347987	-2.87367	0.267261	0.519238	-1.9259	0.585763	0.731932	-1.36625	0.174677	0.441009	-2.26753	0.0704639	0.317752	-3.14711	0.0125927	0.17215	-5.80888	0.311321	0.552116	-1.81121	2.46069	12.5324	4.52713	1
cg24513522	HRNBP3	0.109626	0.547923	0.734702	-1.3611	0.0327647	3.54825	3.54825	0.768459	0.860984	-1.16146	0.670477	1.24236	1.24236	0.843624	0.904713	-1.10532	0.672987	1.24015	1.24015	0.00917717	0.186852	-5.35184	0.642056	1.26788	1.26788	0.461838	0.684	-1.46199	2.46069	10.0188	3.61914	1
cg06672696	SLMAP	0.10963	0.0842255	0.453146	-2.20679	0.662921	0.833824	-1.19929	0.0494332	0.394927	-2.53211	0.971448	0.985279	-1.01494	0.504289	1.32416	1.32416	0.131984	1.96142	1.96142	0.647116	1.21044	1.21044	0.625764	1.22588	1.22588	0.0242716	0.328658	-3.04267	2.46065	6.69113	2.41711	1
cg21529532	TRIML2	0.109632	0.728533	0.79673	-1.25513	0.361894	0.54269	-1.84267	0.0802463	0.282069	-3.54523	0.367751	1.82831	1.82831	0.171243	0.386713	-2.5859	0.0990378	0.307454	-3.25252	0.0192603	0.157797	-6.33725	0.0809133	0.283023	-3.53328	0.0579046	0.247038	-4.04795	2.46063	16.5758	5.98793	1
cg06442489	ZSCAN18;ZSCAN18	0.109634	0.074829	0.198245	-5.04426	0.662038	0.698583	-1.43147	0.935669	1.06805	1.06805	0.158154	0.292144	-3.42296	0.0174732	0.094484	-10.5838	0.142485	0.276452	-3.61726	0.0205426	0.102721	-9.73513	0.242154	0.368487	-2.7138	0.0979083	0.227463	-4.39633	2.46062	25.9201	9.36353	1
cg11874123	PTN;PTN	0.109638	0.0271395	0.490197	-2.04	0.111078	0.623016	-1.6051	0.0125612	0.429051	-2.33072	0.0943953	0.605794	-1.65073	0.135881	0.64527	-1.54974	0.102326	0.614253	-1.62799	0.430204	0.802926	-1.24545	0.282018	0.737306	-1.35629	0.110011	0.621977	-1.60778	2.46057	2.89575	1.0461	1
cg04222920	SNX13	0.109639	0.380546	1.34922	1.34922	0.00896506	3.02474	3.02474	0.133824	1.71334	1.71334	0.775177	1.10005	1.10005	0.3407	1.38676	1.38676	0.644363	1.16741	1.16741	0.124232	0.574465	-1.74075	0.746077	0.89745	-1.11427	0.286139	0.691511	-1.44611	2.46057	4.32151	1.56116	1
cg15292706	ADARB2	0.109641	0.228029	0.760985	-1.31409	0.49152	1.1628	1.1628	0.663908	0.909937	-1.09898	0.0402537	0.599562	-1.66788	0.493777	0.860693	-1.16185	0.793488	1.05827	1.05827	0.0202152	1.83046	1.83046	0.655565	1.10177	1.10177	0.157789	1.38546	1.38546	2.46054	1.81601	0.656046	1
cg19659218	EBF3	0.109641	0.560303	1.46938	1.46938	0.368935	1.82765	1.82765	0.289376	0.487402	-2.0517	0.363837	1.84012	1.84012	0.554436	1.47808	1.47808	0.0923852	3.35488	3.35488	0.886674	0.911024	-1.09767	0.00762971	9.40862	9.40862	0.0578311	4.06143	4.06143	2.46054	16.6418	6.012	1
cg09907758	C11orf95	0.109642	0.163156	0.542934	-1.84184	0.687015	1.18081	1.18081	0.467075	1.3548	1.3548	0.55265	0.781543	-1.27952	0.0232907	0.328722	-3.04209	0.966198	0.982762	-1.01754	0.052646	0.404958	-2.46939	0.0217465	0.322949	-3.09646	0.470796	0.740053	-1.35125	2.46053	6.56123	2.37031	1
cg21693015	TRIM39;TRIM39	0.109646	0.967115	0.991066	-1.00901	0.0784693	0.653449	-1.53034	0.582981	1.12829	1.12829	0.145702	1.40502	1.40502	0.563874	1.13542	1.13542	0.693278	1.09013	1.09013	0.104702	1.47113	1.47113	0.0313677	1.73266	1.73266	0.117256	0.690467	-1.4483	2.4605	1.84668	0.66714	1
cg00201568	FOXP1	0.109647	0.0186546	0.573907	-1.74244	0.54528	0.887621	-1.12661	0.308081	0.814279	-1.22808	0.139808	0.733891	-1.3626	0.696296	1.07938	1.07938	0.217222	0.776604	-1.28766	0.0389546	1.59273	1.59273	0.686126	0.923932	-1.08233	0.754433	1.06301	1.06301	2.46048	1.47784	0.533894	1
cg10297430	CLEC16A	0.109648	0.150497	1.592	1.592	0.0888927	1.76152	1.76152	0.106863	1.7009	1.7009	0.432644	0.785358	-1.2733	0.914258	1.03303	1.03303	0.88314	0.956591	-1.04538	0.00896968	2.7258	2.7258	0.10016	1.72204	1.72204	0.706999	1.12068	1.12068	2.46047	3.54767	1.28166	1
cg08553601	RASL11B	0.109652	0.0686727	0.19856	-5.03625	0.965548	0.966314	-1.03486	0.721241	1.32874	1.32874	0.723479	0.7544	-1.32556	0.0460565	0.163061	-6.13266	0.286065	0.415224	-2.40834	0.0132504	0.0875658	-11.42	0.0668556	0.195947	-5.10343	0.147301	0.291228	-3.43374	2.46044	24.5258	8.86051	1
cg07390647	ST3GAL6	0.109657	0.0483344	0.11359	-8.80357	0.109434	0.185871	-5.38007	0.343513	0.390312	-2.56205	0.195921	0.267523	-3.738	0.0462841	0.110681	-9.03498	0.199564	0.270717	-3.69389	0.0159157	0.0580504	-17.2264	0.0513494	0.11778	-8.49039	0.121651	0.198337	-5.04192	2.46038	36.2211	13.086	1
cg00622375	SVIL;MIR938;SVIL	0.109658	0.100683	0.245044	-4.0809	0.0333712	0.143033	-6.99141	0.023917	0.121529	-8.22849	0.109915	0.255917	-3.90751	0.142693	0.291618	-3.42914	0.0960688	0.23944	-4.17642	0.0562009	0.184273	-5.42673	0.0784913	0.216837	-4.61175	0.179886	0.32824	-3.04655	2.46038	23.8375	8.61203	1
cg22729335	TIMM13;TIMM13	0.109661	0.0297192	8.91538	8.91538	0.879541	1.13845	1.13845	0.894983	1.11955	1.11955	0.12573	0.242503	-4.12365	0.316009	0.412128	-2.42643	0.24707	0.355273	-2.81474	0.026144	9.54793	9.54793	0.892004	1.12317	1.12317	0.916016	0.913754	-1.09439	2.46035	28.4886	10.2925	1
cg00836755	BMI1	0.109665	0.0598053	0.705523	-1.41739	0.660425	0.929964	-1.07531	0.0724681	1.38982	1.38982	0.361899	0.857339	-1.1664	0.2283	0.812469	-1.23082	0.93869	0.987445	-1.01271	0.132294	0.765846	-1.30574	0.0690883	1.39664	1.39664	0.365524	1.16497	1.16497	2.46031	1.05108	0.379747	1
cg22798247	TAP2;TAP2	0.109674	0.477977	0.869003	-1.15074	0.0346692	0.619221	-1.61493	0.0814579	0.686695	-1.45625	0.251094	1.26287	1.26287	0.154523	1.34528	1.34528	0.473067	1.15261	1.15261	0.16333	1.33585	1.33585	0.502575	0.875964	-1.1416	0.21602	0.77615	-1.28841	2.46022	1.47598	0.533277	1
cg09638395	ATP10A	0.109675	0.633794	1.23875	1.23875	0.329556	1.56657	1.56657	0.0248551	0.303807	-3.29156	0.622488	0.801412	-1.2478	0.712545	0.847817	-1.1795	0.107288	0.45648	-2.19068	0.0381413	0.342284	-2.92155	0.0498095	0.36856	-2.71327	0.954118	1.026	1.026	2.46021	7.75461	2.80179	1
cg24385902	UTRN	0.109675	0.347581	0.844391	-1.18429	0.605838	1.09531	1.09531	0.694509	0.933298	-1.07147	0.726352	0.9404	-1.06338	0.348897	1.18371	1.18371	0.778661	0.951916	-1.05051	0.00439786	1.94455	1.94455	0.413332	0.863932	-1.1575	0.296617	0.827576	-1.20835	2.4602	1.19174	0.430583	1
cg02045085	MPP5	0.109676	0.908656	1.02059	1.02059	0.491492	1.13209	1.13209	0.390774	1.16899	1.16899	0.0571368	1.46543	1.46543	0.512905	0.888848	-1.12505	0.00992186	1.78314	1.78314	0.0320003	1.56225	1.56225	0.310755	1.20469	1.20469	0.295388	1.21249	1.21249	2.46019	1.22848	0.44386	1
cg18006085	LRRC59	0.109677	0.436519	0.599829	-1.66714	0.214428	2.32004	2.32004	0.0366667	4.77416	4.77416	0.842302	0.879624	-1.13685	0.0416796	0.220485	-4.53546	0.717104	0.791126	-1.26402	0.200408	2.38896	2.38896	0.156488	0.376829	-2.65372	0.412051	1.71608	1.71608	2.46019	16.1546	5.83679	1
cg02922913	C19orf6;C19orf6	0.109677	0.204646	0.591844	-1.68963	0.0271807	0.358954	-2.78587	0.782631	0.897287	-1.11447	0.712197	1.15628	1.15628	0.0641175	0.442499	-2.25989	0.401013	1.40055	1.40055	0.164038	0.558823	-1.78948	0.0774645	2.15786	2.15786	0.763546	0.888491	-1.1255	2.46019	5.98366	2.16196	1
cg17783815	NTN1	0.109677	0.0265562	0.408471	-2.44816	0.871189	0.946235	-1.05682	0.577153	0.825455	-1.21145	0.565315	0.820418	-1.21889	0.00778055	0.312306	-3.20199	0.0455733	0.458054	-2.18315	0.762893	0.90209	-1.10854	0.593684	0.832444	-1.20128	0.264862	0.67318	-1.48549	2.46018	4.519	1.63276	1
cg27118298	TRAF3;TRAF3;TRAF3	0.10968	0.259669	0.655775	-1.52491	0.00279008	0.227871	-4.38845	0.143469	0.568863	-1.75789	0.73892	0.886899	-1.12752	0.22748	0.634686	-1.57558	0.30824	0.684928	-1.46001	0.145146	0.570399	-1.75316	0.265901	0.659678	-1.51589	0.323896	0.693785	-1.44137	2.46016	5.01711	1.81275	1
cg21928892	PTPRG	0.109681	0.474196	1.1864	1.1864	0.0201284	0.517723	-1.93153	0.022657	0.526875	-1.89798	0.201384	0.728444	-1.37279	0.374344	0.807239	-1.23879	0.704885	0.914522	-1.09347	0.277212	1.30393	1.30393	0.508877	1.17043	1.17043	0.865346	1.04066	1.04066	2.46014	2.14871	0.776363	1
cg20229609	C6orf173	0.109682	0.297514	1.85726	1.85726	0.107534	0.365368	-2.73697	0.300938	0.540958	-1.84857	0.3677	1.69964	1.69964	0.215839	0.47393	-2.11002	0.81364	0.873394	-1.14496	0.00972257	0.153383	-6.51963	0.345291	1.74578	1.74578	0.740584	1.20981	1.20981	2.46014	12.8035	4.62612	1
cg10729325	IRAK2	0.109684	0.875617	0.959723	-1.04197	0.0848781	0.606481	-1.64886	0.629266	1.13618	1.13618	0.462177	1.21706	1.21706	0.813405	0.93983	-1.06402	0.0440104	0.544773	-1.83563	0.0109553	0.432604	-2.31159	0.146301	0.664135	-1.50572	0.901478	0.968019	-1.03304	2.46012	2.68376	0.969693	1
cg22760304	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.109684	0.293075	1.51116	1.51116	0.189328	0.590773	-1.6927	0.01864	2.94337	2.94337	0.123392	1.88089	1.88089	0.647926	0.840267	-1.1901	0.506915	0.77501	-1.29031	0.685509	0.857178	-1.16662	0.543504	0.792334	-1.26209	0.0615126	2.21959	2.21959	2.46011	5.58297	2.01724	1
cg18556587	TANC1;TANC1	0.109685	0.904038	1.02877	1.02877	0.179324	0.714995	-1.39861	0.565404	0.872257	-1.14645	0.0985971	0.653117	-1.53112	0.0155487	0.497636	-2.0095	0.968112	1.00945	1.00945	0.56166	0.871083	-1.148	0.0642471	1.63074	1.63074	0.188064	0.720315	-1.38828	2.4601	2.15529	0.778753	1
cg16234298	psiTPTE22	0.109687	0.025612	0.461483	-2.16693	0.0823012	0.570462	-1.75297	0.307813	0.735026	-1.3605	0.40063	0.778102	-1.28518	0.00915551	0.380883	-2.62548	0.0906489	0.580631	-1.72226	0.54693	0.837135	-1.19455	0.19553	0.670841	-1.49067	0.171128	0.653795	-1.52953	2.46009	3.3136	1.19728	1
cg26391902	FAM174B	0.109689	0.746685	1.10063	1.10063	0.211037	1.47676	1.47676	0.791618	1.08149	1.08149	0.108293	1.67918	1.67918	0.0949035	1.7211	1.7211	0.857896	0.948358	-1.05445	0.0105842	2.58874	2.58874	0.109251	1.6764	1.6764	0.0362741	2.05486	2.05486	2.46007	3.41004	1.23214	1
cg20936854	CTSA;CTSA;PLTP;CTSA;PLTP	0.10969	0.0273682	0.527272	-1.89656	0.0715143	1.63802	1.63802	0.646543	0.892955	-1.11988	0.609702	0.881394	-1.13457	0.018591	0.496721	-2.0132	0.610841	0.881755	-1.1341	0.778027	0.933048	-1.07176	0.767712	0.929945	-1.07533	0.281538	0.760004	-1.31578	2.46006	2.34268	0.846477	1
cg00043076	ACOX3;ACOX3	0.109692	0.280484	0.415421	-2.4072	0.0115811	0.0844235	-11.845	0.15238	0.301055	-3.32165	0.798537	0.818498	-1.22175	0.117179	0.26377	-3.79119	0.118376	0.26511	-3.77202	0.0491338	0.172268	-5.80492	0.0360734	0.148223	-6.74661	0.612201	0.67011	-1.49229	2.46004	23.8911	8.6326	1
cg00422248	CHERP	0.109692	?	?	?	0.142535	2.18049	2.18049	0.519254	0.726014	-1.37738	?	?	?	?	?	?	0.968177	0.980679	-1.0197	0.52226	0.727739	-1.37412	0.0117299	0.202726	-4.93277	0.955275	1.02781	1.02781	2.7025	6.6808	2.8841	1
cg24673147	CLIP2;CLIP2	0.109693	0.0307052	3.71204	3.71204	?	?	?	0.587495	1.31823	1.31823	0.268268	1.79401	1.79401	0.133716	2.28027	2.28027	0.0594605	2.98062	2.98062	0.137388	0.44254	-2.25968	?	?	?	0.768625	1.16026	1.16026	2.66434	8.1513	3.05941	1
cg11453712	PHPT1;PHPT1	0.109694	0.202683	0.520427	-1.9215	0.0140791	4.357	4.357	0.239356	1.81909	1.81909	0.150135	2.11516	2.11516	0.557787	1.33356	1.33356	0.989947	0.9939	-1.00614	0.162281	2.06376	2.06376	0.0893157	2.48376	2.48376	0.369145	0.638965	-1.56503	2.46002	9.18771	3.31983	1
cg00625110	FTO	0.109694	0.395747	0.6975	-1.43369	0.00296418	0.184634	-5.41612	0.12749	0.505283	-1.97909	0.201853	0.572223	-1.74757	0.383495	0.690627	-1.44796	0.682852	1.18549	1.18549	0.687441	0.845751	-1.18238	0.920918	0.959702	-1.04199	0.276693	0.625847	-1.59784	2.46002	6.68479	2.41544	1
cg00639143	ARHGEF10	0.109696	0.545329	0.914042	-1.09404	0.0438554	1.40517	1.40517	0.517085	1.10126	1.10126	0.127556	1.27373	1.27373	0.763122	0.956586	-1.04538	0.135145	1.26681	1.26681	0.0194518	1.51409	1.51409	0.393817	0.879626	-1.13685	0.412753	0.884295	-1.13084	2.46	0.840093	0.303557	1
cg18221862	TMEFF2	0.109697	0.907956	1.01879	1.01879	0.0993609	1.3375	1.3375	0.403977	1.14737	1.14737	0.531326	1.10747	1.10747	0.431596	1.13794	1.13794	0.0745072	1.37694	1.37694	0.0279691	0.658355	-1.51894	0.22734	0.815443	-1.22633	0.166398	1.26814	1.26814	2.45999	1.0097	0.364845	1
cg22156534	VPS53;VPS53	0.109704	0.383637	0.729897	-1.37006	0.0182867	0.364437	-2.74396	0.0375469	0.427231	-2.34066	0.212253	0.62935	-1.58894	0.0211594	0.376483	-2.65616	0.336711	0.705327	-1.41778	0.859869	1.06426	1.06426	0.397621	0.736939	-1.35696	0.10308	0.533411	-1.87473	2.45992	4.83929	1.74867	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00746515	C4orf27	0.109705	0.0512006	0.59313	-1.68597	0.0177191	0.507384	-1.97089	0.639353	1.11743	1.11743	0.866374	1.04041	1.04041	0.227287	0.742162	-1.34742	0.606743	0.88502	-1.12992	0.186868	0.719539	-1.38978	0.0247998	0.533348	-1.87495	0.896437	1.03111	1.03111	2.45991	2.15619	0.779141	1
cg20317116	GBA3;GBA3	0.109706	0.316033	1.22306	1.22306	0.510233	1.13853	1.13853	0.0181537	0.572801	-1.74581	0.470625	0.867135	-1.15322	0.664841	0.918816	-1.08836	0.0527374	0.651998	-1.53375	0.048171	0.644915	-1.55059	0.254444	0.793628	-1.26004	0.731956	1.06907	1.06907	2.4599	1.46993	0.53116	1
cg07941301	GNMT	0.109708	0.329692	0.547096	-1.82783	0.0250003	4.94814	4.94814	0.943595	0.958462	-1.04334	0.380056	1.71582	1.71582	0.0518049	0.265297	-3.76936	0.739326	1.22167	1.22167	0.338679	0.553589	-1.80639	0.075689	3.27215	3.27215	0.914558	0.937677	-1.06647	2.45988	14.0058	5.06106	1
cg24312039	PITRM1	0.109711	0.0654094	0.675378	-1.48065	0.144711	1.3462	1.3462	0.177705	1.31237	1.31237	0.869323	1.03174	1.03174	0.041258	1.56332	1.56332	0.312764	0.820243	-1.21915	0.213744	1.28204	1.28204	0.188221	1.30292	1.30292	0.430929	0.858508	-1.16481	2.45986	1.40312	0.50703	1
cg20653986	C6orf203;C6orf203;C6orf203;C6orf203;C6orf203	0.109712	0.725812	0.968628	-1.03239	0.099904	0.849407	-1.17729	0.97208	0.996837	-1.00317	0.840164	0.981885	-1.01845	0.0051946	0.716112	-1.39643	0.318406	0.910871	-1.09785	0.166371	0.874947	-1.14293	0.299918	1.10213	1.10213	0.232278	0.892791	-1.12008	2.45984	0.319272	0.115372	1
cg02456521	ATP4A	0.109713	0.050751	0.314936	-3.17525	0.0524688	0.318333	-3.14136	0.487818	0.693585	-1.44178	0.133146	0.431274	-2.31871	0.0308772	0.268265	-3.72766	0.0929325	0.383068	-2.6105	0.0188612	0.228433	-4.37765	0.285805	0.562464	-1.77789	0.324897	0.589963	-1.69502	2.45984	10.4973	3.79333	1
cg18286501	TMEM26	0.109714	0.249662	5.47276	5.47276	0.204718	6.62389	6.62389	0.399391	3.38337	3.38337	0.631441	0.505176	-1.97951	?	?	?	0.758906	0.647305	-1.54487	0.577478	2.21465	2.21465	0.00537038	177.577	177.577	0.107076	12.0053	12.0053	2.48529	69.8398	28.1013	1
cg26590799	GABRB3;GABRB3	0.109716	0.106208	2.86603	2.86603	0.00543971	8.86993	8.86993	0.336853	1.80572	1.80572	0.636331	1.32877	1.32877	0.0787602	3.20632	3.20632	0.12234	2.71633	2.71633	0.0963145	2.97362	2.97362	0.145502	2.54158	2.54158	0.441782	1.59695	1.59695	2.4598	13.8759	5.01426	1
cg14359934	SLC27A4	0.10972	0.0978415	0.368232	-2.71568	0.232865	0.5025	-1.99005	0.67556	0.793304	-1.26055	0.0254569	0.23205	-4.30942	0.297482	0.552031	-1.81149	0.462001	1.50969	1.50969	0.0233651	0.225279	-4.43894	0.731406	0.827336	-1.2087	0.0468108	0.285926	-3.49741	2.45976	11.7888	4.26016	1
cg25132510	PLCE1;PLCE1	0.109721	0.0807461	0.605852	-1.65057	0.689827	0.901406	-1.10938	0.146051	0.667786	-1.49749	0.975363	0.992041	-1.00802	0.01816	0.476058	-2.10058	0.925964	0.976238	-1.02434	0.361218	0.784382	-1.27489	0.069055	1.6928	1.6928	0.18262	0.693529	-1.4419	2.45975	2.60824	0.942549	1
cg11641742	TMPO;TMPO;TMPO;TMPO;TMPO;LOC100128191;TMPO	0.109722	0.970432	1.01023	1.01023	0.0883544	0.596599	-1.67617	0.173338	0.671676	-1.48881	0.00546535	0.366494	-2.72856	0.559208	0.850242	-1.17614	0.381758	1.27944	1.27944	0.167736	0.667706	-1.49766	0.909629	0.96929	-1.03168	0.881244	1.04192	1.04192	2.45974	2.93971	1.06234	1
cg21239691	GEMIN8;GEMIN8;GEMIN8	0.109724	0.800125	1.11495	1.11495	0.660584	1.20866	1.20866	0.00538993	4.81263	4.81263	0.621469	0.807778	-1.23796	0.386896	0.683587	-1.46287	0.175839	0.539387	-1.85395	0.166643	1.88224	1.88224	0.706357	1.17625	1.17625	0.725628	0.859746	-1.16313	2.45973	7.16602	2.58964	1
cg04735168	C3orf17;C3orf17;C3orf17	0.109725	0.0440905	1.31217	1.31217	0.365451	0.896537	-1.1154	0.306564	0.883091	-1.13239	0.87805	1.0182	1.0182	0.0218841	0.723935	-1.38134	0.789622	1.03191	1.03191	0.675801	1.05064	1.05064	0.235725	1.15713	1.15713	0.165913	0.840688	-1.1895	2.45972	0.537391	0.194202	1
cg11550971	IMPA2	0.109725	0.43495	1.2287	1.2287	0.699972	0.904737	-1.10529	0.0828465	1.64305	1.64305	0.280732	1.33626	1.33626	0.360805	0.784364	-1.27492	0.323675	1.30152	1.30152	0.00913916	0.424837	-2.35385	0.804418	0.937867	-1.06625	0.836094	0.947848	-1.05502	2.45972	2.60395	0.941013	1
cg09893217	SNX1;SNX1;SNX1	0.109725	0.537233	0.897538	-1.11416	0.0701194	1.41955	1.41955	0.0355468	1.52715	1.52715	0.457411	1.1399	1.1399	0.309222	0.833533	-1.19971	0.171236	0.777197	-1.28668	0.0967868	0.729486	-1.37083	0.460298	1.13891	1.13891	0.465251	0.879338	-1.13722	2.45971	1.16627	0.421464	1
cg16870098	TAF4	0.109725	0.12155	0.752364	-1.32914	0.383317	0.860509	-1.1621	0.302231	1.19708	1.19708	0.0510188	0.684025	-1.46194	0.124939	1.3251	1.3251	0.0761794	1.39915	1.39915	0.379235	0.85933	-1.1637	0.273842	0.825481	-1.21142	0.322551	0.842052	-1.18758	2.60968	1.13389	0.337941	1
cg07515667	FBXL16	0.109726	0.0405419	3.90952	3.90952	0.122221	2.62615	2.62615	0.326005	1.7942	1.7942	0.799111	0.863293	-1.15836	0.0863101	2.98112	2.98112	0.558279	1.40671	1.40671	0.213961	0.470364	-2.12601	0.529362	0.692601	-1.44383	0.0288022	4.42013	4.42013	2.45971	12.9439	4.67768	1
cg01302201	KIAA0182;KIAA0182	0.109726	0.261761	1.75091	1.75091	0.00544268	5.75658	5.75658	0.0307954	3.36713	3.36713	0.432248	1.4676	1.4676	0.163454	2.03782	2.03782	0.354984	1.57688	1.57688	0.392578	1.52078	1.52078	0.924455	1.04644	1.04644	0.774366	0.87147	-1.14749	2.45971	8.92488	3.22528	1
cg18209651	SVOP	0.109726	0.793135	1.03467	1.03467	0.0224975	1.42542	1.42542	0.0301754	0.718491	-1.39181	0.781135	1.03678	1.03678	0.250139	1.16866	1.16866	0.0901089	1.27412	1.27412	0.940827	0.990418	-1.00967	0.862554	0.977777	-1.02273	0.676331	0.947005	-1.05596	2.4597	0.655236	0.236789	1
cg16153547	LBX2	0.109727	0.576714	1.12312	1.12312	0.344917	0.818488	-1.22177	0.434162	0.84848	-1.17858	0.157269	1.36535	1.36535	0.0790105	1.49414	1.49414	0.824526	1.04678	1.04678	0.00991632	0.511334	-1.95567	0.857054	0.963557	-1.03782	0.808933	1.05114	1.05114	2.4597	1.65144	0.5968	1
cg23606023	CBFA2T3	0.109728	0.152059	0.748448	-1.3361	0.0955768	0.707697	-1.41303	0.141167	0.741678	-1.34829	0.310179	0.82012	-1.21933	0.20587	1.28659	1.28659	0.199807	1.29147	1.29147	0.243246	1.25933	1.25933	0.0867765	1.42933	1.42933	0.387782	0.846063	-1.18194	2.45969	1.38919	0.502028	1
cg04544017	SPATA2L	0.10973	0.317977	1.30363	1.30363	0.00866337	2.36217	2.36217	0.0388321	1.84868	1.84868	0.639127	1.12899	1.12899	0.393946	0.79907	-1.25145	0.180316	1.44119	1.44119	0.0965472	1.59788	1.59788	0.6663	1.11789	1.11789	0.844173	1.05185	1.05185	2.45967	2.57056	0.928963	1
cg22068741	CFL1	0.109736	0.00536667	0.356489	-2.80514	0.837093	1.05963	1.05963	0.112111	1.62691	1.62691	0.929733	1.02512	1.02512	0.393925	0.782186	-1.27847	0.840037	0.94473	-1.0585	0.292737	1.35944	1.35944	0.465307	0.811361	-1.2325	0.796356	0.92983	-1.07547	2.45961	3.08299	1.11418	1
cg05936800	TNFSF18	0.109737	0.398283	0.788573	-1.26811	0.144773	0.650401	-1.53751	0.630141	1.14255	1.14255	0.184993	0.679699	-1.47124	0.174384	1.48709	1.48709	0.746679	1.0931	1.0931	0.160824	1.50893	1.50893	0.457496	1.23097	1.23097	0.0165167	0.447361	-2.23533	2.4596	2.93852	1.06197	1
cg19148731	LOXL3	0.109737	0.828016	0.873739	-1.14451	0.0106715	0.136522	-7.32485	0.103168	0.330912	-3.02195	0.798473	0.853232	-1.17201	0.0566909	0.262322	-3.81212	0.140598	0.37405	-2.67344	?	?	?	0.155374	0.389382	-2.56817	0.746453	1.22294	1.22294	2.48506	13.4643	5.41809	1
cg15941413	FBXW4	0.109738	0.469245	1.48774	1.48774	0.0688318	3.00021	3.00021	0.275236	1.84492	1.84492	0.106027	2.5921	2.5921	0.0226671	0.229449	-4.35827	0.221771	0.500134	-1.99946	0.78351	0.86192	-1.1602	0.599382	1.33107	1.33107	0.600942	0.752212	-1.32941	2.45959	11.3395	4.09807	1
cg15302530	THAP5;THAP5;DNAJB9;THAP5	0.109738	0.845566	1.05896	1.05896	0.106423	0.595769	-1.6785	0.164387	0.646737	-1.54622	0.588897	1.17385	1.17385	0.00671892	0.356094	-2.80825	0.715523	1.11352	1.11352	0.275975	1.39501	1.39501	0.784343	1.08392	1.08392	0.766148	1.09157	1.09157	2.45958	3.36163	1.21489	1
cg00231754	FAM82A1;FAM82A1;FAM82A1;FAM82A1	0.109738	0.906433	0.972542	-1.02823	0.0605924	1.65032	1.65032	0.0212728	0.51917	-1.92615	0.847838	0.955533	-1.04654	0.353776	0.79779	-1.25346	0.130468	1.47215	1.47215	0.127955	1.4765	1.4765	0.561769	1.14902	1.14902	0.641971	1.11725	1.11725	2.45958	2.1841	0.789328	1
cg01513157	SDR42E1	0.109741	0.498653	0.671298	-1.48965	0.046303	0.265932	-3.76036	0.0189566	0.192326	-5.19951	0.569086	0.716119	-1.39642	0.970424	1.02175	1.02175	0.609496	0.741623	-1.34839	0.0336678	0.237056	-4.21841	0.20136	2.18781	2.18781	0.940352	0.957508	-1.04438	2.45956	13.1143	4.73952	1
cg14962943	BTBD2	0.109742	0.0326292	0.768942	-1.30049	0.34573	1.10743	1.10743	0.187991	1.15789	1.15789	0.519062	0.933619	-1.0711	0.313591	0.896266	-1.11574	0.276545	0.887872	-1.12629	0.204478	1.15108	1.15108	0.873933	0.983453	-1.01682	0.0359771	0.773872	-1.2922	2.45955	0.430118	0.155446	1
cg14237317	CREB1;CREB1	0.109743	0.0222422	0.535195	-1.86848	0.631755	0.895699	-1.11645	0.158657	1.41018	1.41018	0.133461	1.44665	1.44665	0.131966	0.690114	-1.44904	0.545377	1.14982	1.14982	0.352653	0.803982	-1.24381	0.199797	0.734185	-1.36205	0.416876	1.20837	1.20837	2.45954	2.02709	0.732599	1
cg05173913	C17orf50	0.109744	0.853701	1.30878	1.30878	0.0522596	24.9834	24.9834	0.145186	9.78159	9.78159	0.331505	4.30839	4.30839	0.173523	0.121121	-8.25618	0.809052	1.42322	1.42322	0.0255146	47.8985	47.8985	0.0645269	20.6388	20.6388	0.144532	9.82332	9.82332	2.45952	82.7802	29.9173	1
cg17526887	KCNE4	0.109749	0.244753	2.41126	2.41126	0.649712	1.38928	1.38928	0.0406156	0.175996	-5.68194	0.586703	0.673758	-1.48421	0.0413749	0.177547	-5.63231	0.453634	1.7331	1.7331	0.066405	0.221868	-4.50718	0.252138	2.37527	2.37527	0.450475	0.574686	-1.74008	2.60941	20.8765	6.2226	1
cg01467266	JSRP1	0.109753	0.162358	2.75847	2.75847	0.0951599	3.4808	3.4808	0.153574	2.82735	2.82735	0.266407	2.19829	2.19829	0.453759	1.68053	1.68053	0.466742	1.65495	1.65495	0.00935586	9.41044	9.41044	0.0225803	6.40813	6.40813	0.115662	3.20043	3.20043	2.45944	18.0231	6.51388	1
cg16514214	SSH2	0.109757	0.200649	0.632184	-1.58182	0.17377	0.612039	-1.63388	0.0472511	0.462926	-2.16017	0.408976	0.750882	-1.33177	0.101551	0.544344	-1.83707	0.373739	0.733613	-1.36312	0.810058	0.921556	-1.08512	0.0284114	2.40512	2.40512	0.751987	1.11356	1.11356	2.4594	4.48331	1.62038	1
cg13046296	SLC39A10;SLC39A10	0.109758	0.202512	0.71977	-1.38933	0.0303237	0.53674	-1.8631	0.0634549	1.66536	1.66536	0.234131	0.737256	-1.35638	0.402256	1.23306	1.23306	0.619869	0.884967	-1.12999	0.802862	0.940699	-1.06304	0.451154	1.20638	1.20638	0.117743	1.51463	1.51463	2.45939	2.32643	0.840835	1
cg04193015	ACACA;ACACA;ACACA;ACACA;ACACA	0.109758	0.00921996	0.253298	-3.94791	0.0777232	0.442859	-2.25806	0.507231	0.756148	-1.32249	0.259461	0.613403	-1.63025	0.025763	0.332833	-3.00451	0.814112	0.906783	-1.1028	0.11313	0.488544	-2.0469	0.447688	0.725068	-1.37918	0.144296	0.521229	-1.91854	2.45939	6.72283	2.42981	1
cg12625263	TUBB4;MIR220B	0.109759	0.473797	1.18299	1.18299	0.0253169	1.84657	1.84657	0.0600435	1.63121	1.63121	0.185341	1.38262	1.38262	0.0946518	1.52764	1.52764	0.05075	1.67099	1.67099	0.0185272	1.93232	1.93232	0.316372	1.2699	1.2699	0.259358	1.31182	1.31182	2.45937	2.07243	0.749036	1
cg14653405	PFKP	0.10976	0.164119	0.446351	-2.24039	0.336054	1.71422	1.71422	0.735493	0.831744	-1.20229	0.400445	1.59623	1.59623	0.00694307	0.149887	-6.67167	0.675681	0.79564	-1.25685	0.13467	0.416311	-2.40205	0.782699	0.860521	-1.16209	0.130873	0.412177	-2.42615	2.45936	11.4987	4.15599	1
cg16338046	TRAF3;TRAF3;TRAF3	0.109761	0.476072	0.828898	-1.20642	0.0119982	0.444173	-2.25138	0.0407261	0.542377	-1.84374	0.559209	0.858181	-1.16526	0.0403509	0.541569	-1.84649	0.594986	0.870271	-1.14907	0.653752	1.12403	1.12403	0.0889851	0.615227	-1.62542	0.765775	0.92555	-1.08044	2.45936	2.61214	0.944107	1
cg25533247	AKAP8L	0.109761	0.0139186	0.249666	-4.00535	0.939035	0.965667	-1.03555	0.911498	0.950486	-1.05209	0.621105	0.79647	-1.25554	0.0116208	0.236748	-4.22391	0.325786	0.629139	-1.58947	0.143466	0.487715	-2.05038	0.138849	0.483035	-2.07024	0.210979	0.547739	-1.82569	2.45935	8.12538	2.93677	1
cg25194415	KIAA0232;KIAA0232	0.109762	0.0165694	0.692117	-1.44484	0.137533	1.22274	1.22274	0.0956161	1.25882	1.25882	0.716706	0.955213	-1.04689	0.210332	1.18055	1.18055	0.922296	1.01234	1.01234	0.529951	0.923113	-1.08329	0.460433	1.0991	1.0991	0.257205	0.861843	-1.1603	2.45935	0.615817	0.222576	1
cg06961098	HAS3;HAS3	0.109767	0.0343674	4.1262	4.1262	0.386462	1.66502	1.66502	0.0585582	3.41166	3.41166	0.207313	2.1461	2.1461	0.0675685	3.2416	3.2416	0.0625553	3.33216	3.33216	0.754309	1.19757	1.19757	0.185466	0.446486	-2.23971	0.196743	2.18976	2.18976	2.4593	12.8456	4.64291	1
cg18365806	GPR132	0.109767	0.39095	1.15827	1.15827	0.314139	0.840294	-1.19006	0.0320226	0.65711	-1.52181	0.683808	1.07084	1.07084	0.0547936	0.694825	-1.43921	0.0949714	0.735868	-1.35894	0.151024	1.29333	1.29333	0.167681	0.78207	-1.27866	0.662489	0.929217	-1.07617	2.4593	1.08827	0.393344	1
cg17479840	GAS7;GAS7;GAS7;GAS7	0.109773	0.193115	0.448567	-2.22932	0.730539	1.22293	1.22293	0.165051	2.36802	2.36802	0.386153	0.596223	-1.67722	0.123744	0.378922	-2.63907	0.365961	0.582349	-1.71718	0.0300886	0.22652	-4.41462	0.0739034	3.18855	3.18855	0.418901	0.618295	-1.61735	2.45924	13.1977	4.77029	1
cg13117369	ATG2A	0.109775	0.0722177	0.717892	-1.39297	0.544135	1.10674	1.10674	0.554524	0.905969	-1.10379	0.0175929	0.620542	-1.61149	0.974911	0.994819	-1.00521	0.0390421	0.673959	-1.48377	0.210873	1.2433	1.2433	0.331696	0.847526	-1.17991	0.562551	0.907819	-1.10154	2.45922	1.06279	0.384147	1
cg04187939	AFF3;AFF3	0.109781	?	?	?	0.543848	1.73888	1.73888	0.822377	1.22442	1.22442	0.0280244	10.3508	10.3508	0.168206	3.75229	3.75229	0.406032	2.14998	2.14998	0.0160166	14.2238	14.2238	0.0991765	5.09199	5.09199	0.0726432	6.07048	6.07048	2.48461	28.3626	11.4153	1
cg01503065	DCHS2;DCHS2	0.109782	0.028371	15.0094	15.0094	0.0524347	10.0611	10.0611	0.272931	3.30155	3.30155	0.315095	2.96643	2.96643	0.154609	4.92747	4.92747	0.163733	4.73827	4.73827	0.0306244	14.2778	14.2778	0.0404124	11.9171	11.9171	0.0711218	8.25011	8.25011	2.45915	42.6752	15.4255	1
cg26472910	FLT3	0.109783	0.317129	1.91605	1.91605	0.0043739	10.9513	10.9513	0.0532051	3.97948	3.97948	0.990383	1.00761	1.00761	0.17285	2.48968	2.48968	0.267309	2.06815	2.06815	0.717115	0.795492	-1.25708	0.421447	1.67598	1.67598	0.786525	1.18613	1.18613	2.45915	15.3994	5.56632	1
cg20838009	LOC285954;LOC285954	0.109784	0.27287	0.876087	-1.14144	0.694244	1.04686	1.04686	0.910735	1.01309	1.01309	0.46904	1.08915	1.08915	0.105865	1.22723	1.22723	0.321541	1.12605	1.12605	0.0372537	0.755569	-1.32351	0.0266837	0.737554	-1.35583	0.900239	1.01464	1.01464	2.45914	0.523371	0.18918	1
cg10546579	OGDH;OGDH;OGDH;OGDH;OGDH;OGDH	0.109786	0.378768	0.874002	-1.14416	0.299037	0.851696	-1.17413	0.250177	0.835925	-1.19628	0.506679	0.904406	-1.1057	0.742028	0.95193	-1.0505	0.235788	1.20357	1.20357	0.742029	0.95193	-1.0505	0.71193	1.05687	1.05687	0.00591024	1.71098	1.71098	2.45911	0.866269	0.313128	1
cg16256065	LRP5	0.109795	0.622877	0.802641	-1.24589	0.00622919	0.205665	-4.86227	0.115401	0.468065	-2.13646	0.247259	0.584748	-1.71014	0.0548191	0.380611	-2.62736	0.170315	0.523244	-1.91115	0.639528	1.23272	1.23272	0.945637	0.970208	-1.03071	0.233614	0.574721	-1.73998	2.45902	7.66137	2.76943	1
cg02680629	FBXO38;FBXO38;FBXO38;FBXO38	0.109795	0.404793	1.32948	1.32948	0.207397	1.5592	1.5592	0.14291	1.69225	1.69225	0.191295	1.58762	1.58762	0.1675	0.61168	-1.63484	0.398231	1.33505	1.33505	0.0272789	0.41781	-2.39344	0.273716	0.683493	-1.46307	0.341006	1.38793	1.38793	2.45902	4.34706	1.57138	1
cg15251385	SLC2A14	0.109796	0.0309025	13.3285	13.3285	0.205624	3.91398	3.91398	0.149393	4.85397	4.85397	0.301688	2.98477	2.98477	?	?	?	0.930258	0.914428	-1.09358	0.599781	1.71787	1.71787	0.0187792	18.3511	18.3511	0.0460576	10.3421	10.3421	2.48446	36.5282	14.7027	1
cg02544257	FUK	0.109796	0.0507461	0.213496	-4.68393	0.543151	0.652483	-1.53261	0.899424	0.916019	-1.09168	0.236931	0.423328	-2.36223	0.0622946	0.233223	-4.28774	0.0425967	0.197989	-5.05079	0.0132791	0.119003	-8.40314	0.876509	0.897736	-1.11391	0.131991	0.323733	-3.08897	2.45901	18.7425	6.77508	1
cg14751914	SMAD7	0.109796	0.775851	1.09884	1.09884	0.0434275	2.15297	2.15297	0.112473	1.76918	1.76918	0.0674274	0.508349	-1.96715	0.574778	1.20582	1.20582	0.43814	0.770188	-1.29838	0.342624	0.724106	-1.38101	0.0544332	2.05554	2.05554	0.94146	1.02455	1.02455	2.45901	4.24557	1.5347	1
cg24904242	MARK4	0.1098	0.0755884	0.344116	-2.906	0.945851	1.03731	1.03731	0.249765	0.522716	-1.91309	0.695061	0.808581	-1.23673	0.00983446	0.172064	-5.81178	0.0923194	0.368168	-2.71615	0.0369624	0.270719	-3.69386	0.789735	1.15505	1.15505	0.489749	0.684946	-1.45997	2.45897	11.3283	4.09504	1
cg19400672	C5orf56	0.109801	0.399527	0.889703	-1.12397	0.105903	1.27349	1.27349	0.724574	1.04896	1.04896	0.660162	0.941952	-1.06162	0.330733	0.872701	-1.14587	0.118673	0.793237	-1.26066	0.0215739	0.681374	-1.46762	0.430434	0.896726	-1.11517	0.102316	1.27739	1.27739	2.60883	0.737414	0.219847	1
cg04039397	CD96;CD96	0.109802	0.0375778	0.383967	-2.60439	0.172646	0.562214	-1.77868	0.767689	1.12472	1.12472	0.412367	0.717099	-1.39451	0.0893417	0.47556	-2.10278	0.191455	0.577685	-1.73105	0.010193	0.276537	-3.61615	0.0959024	0.484043	-2.06593	0.827284	0.916953	-1.09057	2.45895	6.13085	2.21625	1
cg05724742	ZC3H13	0.109804	0.00396767	0.318812	-3.13664	0.261893	0.708053	-1.41232	0.833483	0.939764	-1.0641	0.431543	0.789074	-1.26731	0.937681	0.977189	-1.02334	0.656622	1.14116	1.14116	0.154612	1.56769	1.56769	0.502421	0.818021	-1.22246	0.632152	0.86734	-1.15295	2.45893	3.39135	1.22595	1
cg02185464	CRISPLD2	0.109805	0.488458	0.678262	-1.47436	0.196633	0.470922	-2.12349	0.368849	0.601025	-1.66382	0.731674	0.827068	-1.20909	0.0988018	0.36847	-2.71393	0.0504375	0.292318	-3.42093	0.0124991	0.18013	-5.55156	0.883235	0.922132	-1.08444	0.0233492	0.224304	-4.45824	2.45893	11.8499	4.28366	1
cg09163117	HES6;HES6	0.109806	0.461458	1.52293	1.52293	?	?	?	?	?	?	?	?	?	?	?	?	0.036562	0.248557	-4.02322	?	?	?	0.234093	2.01984	2.01984	0.328837	1.76232	1.76232	2.81983	6.08327	3.77531	1
cg20738665	NKAIN4	0.109807	0.273721	0.70267	-1.42314	0.00649043	0.334164	-2.99254	0.117997	0.59104	-1.69193	0.94657	1.02098	1.02098	0.0442674	0.488774	-2.04594	0.29954	0.716709	-1.39527	0.713798	0.892152	-1.12089	0.579814	1.18917	1.18917	0.94187	1.02285	1.02285	2.4589	3.73773	1.35118	1
cg12745769	ZNF493;ZNF493;ZNF493;ZNF493;ZNF493;ZNF493	0.109807	0.656277	1.03629	1.03629	0.0351465	1.21568	1.21568	0.0172265	1.25979	1.25979	0.209971	1.11087	1.11087	0.0981609	1.15531	1.15531	0.402777	0.934127	-1.07052	0.468054	0.942933	-1.06052	0.341069	1.08121	1.08121	0.642159	0.963443	-1.03794	2.4589	0.246649	0.0891632	1
cg27247807	ANKRD11	0.109808	0.454733	1.32162	1.32162	0.0761786	2.05976	2.05976	0.156442	1.74221	1.74221	0.118509	1.86009	1.86009	0.605488	0.826282	-1.21024	0.592312	1.21891	1.21891	0.0330335	0.401365	-2.49149	0.0751059	2.06645	2.06645	0.511991	1.27579	1.27579	2.45889	5.223	1.88811	1
cg10785537	DCTN1;DCTN1;DCTN1;DCTN1	0.10981	0.754763	0.92407	-1.08217	0.864484	0.957864	-1.04399	0.0148029	0.469677	-2.12912	0.609281	0.878175	-1.13873	0.038108	0.545646	-1.83269	0.984888	0.995238	-1.00478	0.53455	1.17177	1.17177	0.192234	1.41602	1.41602	0.09263	0.627275	-1.5942	2.45887	2.47333	0.894114	1
cg09855662	TRIM27	0.109814	0.00495345	0.532868	-1.87664	0.0617043	0.700472	-1.42761	0.620503	1.0881	1.0881	0.793097	0.956505	-1.04547	0.378447	0.858242	-1.16517	0.569133	1.10224	1.10224	0.999811	1.00004	1.00004	0.178791	0.785343	-1.27333	0.45377	0.878887	-1.1378	2.45884	1.11447	0.402891	1
cg03277925	ADARB2	0.10982	0.00891376	3.32377	3.32377	0.714766	1.14167	1.14167	0.457991	1.31363	1.31363	0.473871	1.30072	1.30072	0.116646	1.85032	1.85032	0.28827	1.48876	1.48876	0.0189267	2.78972	2.78972	0.0799364	2.01647	2.01647	0.382161	1.38198	1.38198	2.45878	5.07382	1.83427	1
cg13416598	PNPLA7;PNPLA7	0.109821	0.291581	0.682606	-1.46497	0.00670541	0.2932	-3.41065	0.17569	0.605072	-1.65269	0.684563	0.86718	-1.15316	0.179502	0.60807	-1.64455	0.443342	0.761321	-1.31351	0.112144	1.82861	1.82861	0.376748	0.728708	-1.37229	0.846849	0.934758	-1.0698	2.45876	4.74089	1.71392	1
cg19998654	CEBPZ;C2orf56;C2orf56	0.109823	0.795575	0.93184	-1.07315	0.149221	1.52276	1.52276	0.509444	1.19956	1.19956	0.769723	1.08309	1.08309	0.0836314	0.594158	-1.68306	0.639328	1.13694	1.13694	0.0118695	0.425718	-2.34897	0.454424	1.23021	1.23021	0.258421	1.37799	1.37799	2.45875	2.87891	1.04079	1
cg14654075	GPR143	0.109824	0.106296	3.0461	3.0461	0.268219	2.07157	2.07157	0.598348	1.39893	1.39893	0.806359	0.856331	-1.16777	0.717838	1.25755	1.25755	0.0642191	3.7184	3.7184	0.0100756	7.77359	7.77359	0.0361942	4.65662	4.65662	0.18025	2.4563	2.4563	2.45873	15.5308	5.61473	1
cg08965685	B4GALNT3	0.109826	0.0748487	0.521376	-1.918	0.372889	0.74061	-1.35024	0.947858	0.978761	-1.0217	0.521821	0.808065	-1.23752	0.101063	0.554641	-1.80297	0.0587972	0.496276	-2.01501	0.0159214	0.379444	-2.63544	0.0286721	0.428594	-2.33321	0.913277	0.964872	-1.03641	2.45872	4.19586	1.51691	1
cg04905173	GTF2E2	0.109827	0.0405537	0.572596	-1.74643	0.471451	1.1885	1.1885	0.110823	1.50617	1.50617	0.704277	1.09406	1.09406	0.0519986	0.593819	-1.68401	0.763101	0.931215	-1.07387	0.104765	0.658383	-1.51887	0.328438	1.26846	1.26846	0.312093	0.781514	-1.27957	2.4587	2.16424	0.782431	1
cg02045177	PCNXL3	0.109828	0.586678	0.887495	-1.12677	0.264481	1.28772	1.28772	0.0713469	1.54943	1.54943	0.0983459	1.48313	1.48313	0.72383	0.925764	-1.08019	0.466423	1.17485	1.17485	0.0143566	0.518797	-1.92754	0.757001	1.06981	1.06981	0.847496	0.959003	-1.04275	2.45869	1.84081	0.665505	1
cg21644856	FN3K	0.109829	0.566638	0.906092	-1.10364	0.539865	1.11145	1.11145	0.00374597	1.94713	1.94713	0.867823	0.97204	-1.02876	0.888352	0.976368	-1.0242	0.509615	0.892356	-1.12063	0.785765	1.04748	1.04748	0.742767	1.05767	1.05767	0.0834441	1.38574	1.38574	2.45868	1.12878	0.40809	1
cg21778987	MAP3K5	0.109834	0.0314919	0.231079	-4.32752	0.105727	0.358329	-2.79073	0.0447713	0.262399	-3.81099	0.174798	0.43249	-2.31219	0.0277969	0.220851	-4.52793	0.143946	0.401816	-2.4887	0.0756041	0.317062	-3.15396	0.423777	0.62222	-1.60715	0.0684516	0.305851	-3.26957	2.45864	13.134	4.74843	1
cg21587861	BICD1;BICD1	0.109837	0.838107	1.02395	1.02395	0.271767	1.14153	1.14153	0.0348737	1.32912	1.32912	0.398337	0.904788	-1.10523	0.521174	1.07814	1.07814	0.573892	0.936372	-1.06795	0.0263956	0.737393	-1.35613	0.419216	0.908919	-1.10021	0.158783	1.19039	1.19039	2.45861	0.521308	0.188474	1
cg06965122	GALNT7	0.109839	0.979153	0.98809	-1.01205	0.138712	2.0769	2.0769	0.0366346	3.0451	3.0451	0.132052	0.47455	-2.10726	0.474743	0.71653	-1.39562	0.0600445	0.37803	-2.64529	0.886713	1.06755	1.06755	0.129811	2.1179	2.1179	0.910961	1.05264	1.05264	2.45859	8.18814	2.96038	1
cg01897756	PTGER4;PTGER4	0.109842	0.411909	1.15771	1.15771	0.677334	1.07577	1.07577	0.828252	0.962788	-1.03865	0.457655	0.876328	-1.14112	0.497845	0.886811	-1.12764	0.0186694	0.607979	-1.64479	0.937212	0.986343	-1.01385	0.0726423	1.41846	1.41846	0.0572132	1.45573	1.45573	2.45856	1.18629	0.4289	1
cg22333897	SMOC2;SMOC2	0.109849	0.557538	0.900685	-1.11027	0.121297	1.34478	1.34478	0.361558	0.847562	-1.17985	0.172671	0.774195	-1.29166	0.39681	0.858122	-1.16534	0.24584	0.807318	-1.23867	0.672494	1.07786	1.07786	0.388061	0.855555	-1.16883	0.00670027	0.537852	-1.85925	2.45849	1.21085	0.437792	1
cg27069566	PCOLCE;PCOLCE	0.109851	0.0264478	0.268255	-3.7278	0.317636	0.596607	-1.67615	0.0890418	0.391522	-2.55414	0.0607704	0.347512	-2.8776	0.0849254	0.385752	-2.59234	0.126935	0.438051	-2.28284	0.0168199	0.23256	-4.29997	0.682045	0.813865	-1.22871	0.630063	0.784543	-1.27463	2.45847	9.73451	3.51963	1
cg24615044	TMUB2;TMUB2;TMUB2;C17orf65;TMUB2	0.109851	0.622347	1.05955	1.05955	0.770068	1.03474	1.03474	0.843747	0.977268	-1.02326	0.0478002	1.30173	1.30173	0.126632	1.21232	1.21232	0.416875	1.10151	1.10151	0.0242437	0.731248	-1.36752	0.393429	1.10723	1.10723	0.177004	0.846022	-1.182	2.45847	0.528678	0.19115	1
cg22226438	FLJ39609	0.109851	0.223726	0.283293	-3.52992	0.622023	1.63283	1.63283	0.63483	0.623696	-1.60334	0.52034	0.525739	-1.90209	0.0311124	0.0823766	-12.1394	0.0243247	0.0707641	-14.1315	0.492246	0.502473	-1.99016	0.0150342	0.0523894	-19.0878	0.434879	0.455597	-2.19492	2.45847	37.9089	13.7064	1
cg12297975	HSD17B12	0.109852	0.738367	0.925377	-1.08064	0.00837629	0.458725	-2.17995	0.642205	0.897403	-1.11433	0.340255	1.25531	1.25531	0.0951352	1.52844	1.52844	0.161946	1.41268	1.41268	0.869894	1.03865	1.03865	0.741892	1.07946	1.07946	0.567167	0.874752	-1.14318	2.45846	2.08404	0.753514	1
cg14541915	PACS1	0.109853	0.711598	0.851275	-1.17471	0.0475138	2.67212	2.67212	0.631291	1.23326	1.23326	0.693855	1.18713	1.18713	0.958762	0.977829	-1.02267	0.376033	1.48278	1.48278	0.853622	1.08338	1.08338	0.00475762	5.08055	5.08055	0.426357	0.70315	-1.42217	2.45845	7.32061	2.64688	1
cg12219123	AKR7A2;PQLC2;PQLC2;PQLC2	0.109855	0.11468	1.43464	1.43464	0.783166	1.05975	1.05975	0.0660315	0.648018	-1.54317	0.122142	1.42257	1.42257	0.745096	0.933674	-1.07104	0.763025	1.06568	1.06568	0.019869	0.553515	-1.80664	0.976667	1.00617	1.00617	0.471383	1.16664	1.16664	2.45843	1.72319	0.62305	1
cg05260031	CYHR1	0.109858	0.874969	0.886868	-1.12756	0.859804	0.873897	-1.1443	0.395186	0.51482	-1.94243	0.480508	0.578813	-1.72767	0.18466	0.342068	-2.9234	0.025859	0.133028	-7.5172	0.00636266	0.0666841	-14.9961	0.300196	0.441071	-2.26721	0.105156	0.25925	-3.85728	2.4584	22.634	8.18383	1
cg02949111	NARFL	0.109859	0.117651	0.692076	-1.44493	0.0650341	0.638447	-1.5663	0.0409326	0.599886	-1.66698	0.174051	0.731097	-1.36781	0.460952	0.849952	-1.17654	0.673154	1.09625	1.09625	0.0692379	1.55312	1.55312	0.625547	1.1124	1.1124	0.328014	0.803578	-1.24443	2.45839	1.82658	0.660442	1
cg24486518	NCAN	0.109859	0.151417	0.581871	-1.7186	0.272297	0.668619	-1.49562	0.864965	0.941801	-1.06179	0.562959	1.22879	1.22879	0.0280573	0.400901	-2.49438	0.00920334	0.311977	-3.20536	0.531146	0.799732	-1.25042	0.619242	0.838219	-1.19301	0.103413	0.533943	-1.87286	2.45839	4.832	1.74712	1
cg07780782	STAT3;STAT3;STAT3	0.10986	0.234894	0.685721	-1.45832	0.296462	1.38824	1.38824	0.0847137	0.561146	-1.78207	0.074473	0.54761	-1.82612	0.0300754	0.46158	-2.16647	0.365493	0.754456	-1.32546	0.0565681	0.519927	-1.92335	0.428127	0.782589	-1.27781	0.0577203	0.521905	-1.91606	2.45838	3.57534	1.29275	1
cg15692086	RNGTT	0.109861	0.976143	1.00636	1.00636	0.0374658	0.599346	-1.66849	0.0105961	0.505828	-1.97696	0.766388	1.06521	1.06521	0.221949	0.761717	-1.31282	0.110905	0.691932	-1.44523	0.453095	0.850391	-1.17593	0.969605	1.00811	1.00811	0.365173	1.21809	1.21809	2.45837	1.75043	0.632914	1
cg00598985	PASK	0.109861	0.817278	1.03365	1.03365	0.0559294	0.733705	-1.36295	0.898681	1.01838	1.01838	0.32072	1.15802	1.15802	0.1903	1.21937	1.21937	0.011287	0.635227	-1.57424	0.599191	0.926969	-1.07878	0.207409	0.826874	-1.20937	0.849992	0.973289	-1.02744	2.45837	0.796114	0.287856	1
cg24098326	TACC2;TACC2;TACC2;TACC2	0.109862	0.373	1.59137	1.59137	0.837265	0.900796	-1.11013	0.137684	0.443928	-2.25262	0.423933	1.51416	1.51416	0.700054	1.21732	1.21732	0.878927	1.08051	1.08051	0.0337068	0.283682	-3.52508	0.0186298	0.234818	-4.25861	0.336939	1.65355	1.65355	2.45836	10.0476	3.63298	1
cg26334888	FAM3D	0.109862	0.142896	0.498605	-2.0056	0.009693	0.235428	-4.24759	0.018576	0.283254	-3.53041	0.557541	0.769394	-1.29972	0.180533	0.533418	-1.8747	0.125265	0.480299	-2.08204	0.162572	0.517424	-1.93265	0.20236	0.551629	-1.81281	0.603824	0.793447	-1.26032	2.45836	7.60528	2.74991	1
cg11999384	GRN	0.109866	0.906842	1.0173	1.0173	0.124621	1.27576	1.27576	0.0288744	1.45855	1.45855	0.0309718	1.44922	1.44922	0.540414	1.09503	1.09503	0.15236	0.798855	-1.25179	0.0727826	1.34071	1.34071	0.766084	1.04467	1.04467	0.833928	1.03123	1.03123	2.45832	0.835435	0.30208	1
cg08356102	HDAC4	0.109869	0.953771	1.00883	1.00883	0.0643312	1.37068	1.37068	0.0298296	1.47374	1.47374	0.985742	1.00271	1.00271	0.764374	1.04666	1.04666	0.355557	0.865742	-1.15508	0.076157	1.34898	1.34898	0.307911	0.852053	-1.17364	0.0561208	1.38845	1.38845	2.4583	0.896012	0.323987	1
cg09508665	A2BP1;A2BP1;A2BP1;A2BP1;A2BP1	0.109873	0.673344	1.26725	1.26725	0.202496	0.47161	-2.1204	0.0640586	0.31271	-3.19785	0.889096	0.925021	-1.08106	0.0661414	0.316208	-3.16248	0.535718	1.41952	1.41952	0.0327249	0.247668	-4.03767	0.0263329	0.229581	-4.35577	0.394352	0.61427	-1.62795	2.45826	12.148	4.39265	1
cg13935206	TTC23;TTC23;TTC23;TTC23;TTC23;TTC23;TTC23	0.109873	0.0701147	0.45459	-2.19979	0.246928	0.624142	-1.6022	0.211693	0.599146	-1.66904	0.281252	0.646603	-1.54654	0.00504942	0.236065	-4.23612	0.114457	0.512512	-1.95117	0.390744	0.710067	-1.40832	0.525655	0.778498	-1.28452	0.0663661	0.448572	-2.2293	2.45825	5.90181	2.13406	1
cg24403711	SIAH3	0.109873	0.164901	1.36497	1.36497	0.373608	0.825465	-1.21144	0.0644026	0.646392	-1.54705	0.647958	1.10136	1.10136	0.0344793	1.67848	1.67848	0.358878	0.820266	-1.21912	0.0979005	1.46421	1.46421	0.337915	0.812641	-1.23056	0.891559	1.02906	1.02906	2.45825	1.71709	0.62089	1
cg08132837	SIX6	0.109874	0.151879	0.799568	-1.25068	0.64921	0.935453	-1.069	0.34248	1.15316	1.15316	0.848697	0.972554	-1.02822	0.0253041	1.47326	1.47326	0.372968	0.875231	-1.14256	0.0543679	0.727539	-1.3745	0.204336	1.21552	1.21552	0.415313	1.12898	1.12898	2.45825	0.826574	0.298884	1
cg25996586	NPR3	0.109879	0.044815	0.0881826	-11.3401	0.173199	0.216936	-4.60965	0.413232	0.413947	-2.41577	0.213632	0.251384	-3.97798	0.0700509	0.118172	-8.46223	0.124121	0.172777	-5.7878	0.0399199	0.0817486	-12.2326	0.0161478	0.0449023	-22.2706	0.102624	0.152109	-6.57422	2.4582	43.2841	15.6516	1
cg01578221	ACYP1;ACYP1	0.10988	0.306966	0.867637	-1.15256	0.147078	0.811485	-1.23231	0.637885	0.938339	-1.06571	0.77981	0.963074	-1.03834	0.777363	0.962658	-1.03879	0.0258753	0.701083	-1.42636	0.313377	1.15026	1.15026	0.27693	0.859152	-1.16394	0.032586	1.39904	1.39904	2.45819	0.701664	0.253724	1
cg13903809	SOCS2	0.10988	0.112788	0.530361	-1.88551	0.00657292	0.263077	-3.80117	0.973225	1.01224	1.01224	0.419805	1.34967	1.34967	0.0815681	0.49102	-2.03658	0.958363	1.01911	1.01911	0.580627	1.22464	1.22464	0.521143	0.789553	-1.26654	0.930414	1.03218	1.03218	2.60795	5.3161	1.58544	1
cg04353853	LRFN2	0.109882	0.650606	1.05477	1.05477	0.0276328	0.731665	-1.36674	0.250263	1.15178	1.15178	0.145461	1.20278	1.20278	0.154959	0.835527	-1.19685	0.0503906	0.766466	-1.30469	0.247166	0.867334	-1.15296	0.728279	1.04161	1.04161	0.734344	0.960968	-1.04062	2.60793	0.551829	0.164575	1
cg13540210	ART5;ART1	0.109882	0.0591873	0.703646	-1.42117	0.0615902	1.41538	1.41538	0.256139	0.822362	-1.21601	0.956056	1.00913	1.00913	0.282235	0.831631	-1.20246	0.448231	0.880277	-1.13601	0.0356385	1.49702	1.49702	0.883891	1.0244	1.0244	0.463075	0.884055	-1.13115	2.45816	1.05981	0.383235	1
cg21173721	FAM102A	0.109884	0.902264	0.979111	-1.02134	0.012672	1.70307	1.70307	0.128153	1.3266	1.3266	0.236723	1.23742	1.23742	0.132997	1.32118	1.32118	0.0670614	1.42291	1.42291	0.218759	0.800702	-1.2489	0.713469	1.06543	1.06543	0.225011	1.24481	1.24481	2.45815	1.14954	0.415683	1
cg21233754	GPD2;GPD2	0.109889	0.498095	0.760246	-1.31536	0.348791	0.680846	-1.46876	0.203635	0.585815	-1.70702	0.0522707	0.414877	-2.41035	0.275531	0.636295	-1.5716	0.00825795	0.260224	-3.84284	0.249463	0.618967	-1.61559	0.0240788	0.342238	-2.92194	0.257993	0.624743	-1.60066	2.45809	6.18353	2.23607	1
cg19570558	MSH6	0.10989	0.10147	0.417245	-2.39668	0.653946	1.24603	1.24603	0.667449	1.23454	1.23454	0.344038	1.60822	1.60822	0.179986	0.499513	-2.00195	0.984414	1.00957	1.00957	0.0233514	0.2669	-3.74673	0.0509512	2.9559	2.9559	0.942012	1.0361	1.0361	2.45808	9.25063	3.3452	1
cg03191962	C9orf98;C9orf9	0.109891	0.0342209	0.351683	-2.84347	0.290807	0.628972	-1.5899	0.927373	1.03931	1.03931	0.177106	0.5451	-1.83453	0.0634407	0.41363	-2.41762	0.200314	0.564292	-1.77213	0.0423434	0.371946	-2.68856	0.0167236	0.290718	-3.43976	0.327323	0.652013	-1.53371	2.45808	6.96463	2.51854	1
cg06955214	PTPRN2;PTPRN2;PTPRN2	0.109891	0.421074	1.39429	1.39429	0.852361	0.927428	-1.07825	0.73733	0.872735	-1.14582	0.600974	0.807834	-1.23788	0.0619812	0.427467	-2.33936	0.213782	0.588974	-1.69787	0.00806223	0.253499	-3.94479	0.392768	1.42481	1.42481	0.140037	0.52621	-1.90038	2.45807	6.36646	2.30224	1
cg08994498	ANKRD40	0.109892	0.425132	0.86296	-1.1588	0.0277608	1.60116	1.60116	0.127416	1.34756	1.34756	0.445447	0.868702	-1.15114	0.489559	1.13545	1.13545	0.959332	1.00927	1.00927	0.0376938	0.646475	-1.54685	0.806744	0.956617	-1.04535	0.200007	1.27761	1.27761	2.45807	1.27486	0.461017	1
cg22773914	HM13;HM13;HM13;HM13	0.109895	0.764682	0.940928	-1.06278	0.0160864	1.81745	1.81745	0.078705	0.672967	-1.48596	0.398591	0.839213	-1.19159	0.131832	0.718992	-1.39084	0.645764	1.09842	1.09842	0.156522	0.735359	-1.35988	0.940348	1.0153	1.0153	0.330303	0.815665	-1.22599	2.45804	1.60151	0.579145	1
cg13836098	HIST1H3E	0.109898	0.0585833	23.2197	23.2197	0.0459736	28.9789	28.9789	0.0517517	26.0071	26.0071	0.0995076	14.2605	14.2605	0.150997	9.63308	9.63308	0.0877864	16.0155	16.0155	0.0943319	14.9848	14.9848	0.0425709	31.0891	31.0891	0.0687931	20.0428	20.0428	2.45801	84.3426	30.5008	1
cg19333996	KIAA1549;KIAA1549	0.109901	0.119249	0.448205	-2.23112	0.692828	1.20738	1.20738	0.50226	0.72382	-1.38156	0.460022	1.4291	1.4291	0.034791	0.311034	-3.21508	0.136038	0.466514	-2.14356	0.023633	0.277314	-3.60602	0.252792	1.76291	1.76291	0.777257	0.874046	-1.1441	2.45798	8.77059	3.17174	1
cg24837256	IFFO2	0.109906	0.673088	1.16891	1.16891	0.200331	0.608052	-1.6446	0.0149979	0.332956	-3.0034	0.594771	0.820822	-1.21829	0.0248094	0.37435	-2.67129	0.166329	0.581129	-1.72079	0.0735806	0.480172	-2.08259	0.505636	0.78005	-1.28197	0.649081	1.18351	1.18351	2.45793	5.2652	1.90411	1
cg03323636	NRIP3;NRIP3	0.109906	0.254605	0.76832	-1.30154	0.528065	1.15216	1.15216	0.882041	1.03344	1.03344	0.256247	1.30025	1.30025	0.537266	0.870742	-1.14845	0.983887	0.995536	-1.00448	0.00440903	0.430799	-2.32127	0.673872	0.910484	-1.09832	0.168873	0.722682	-1.38374	2.45793	1.9109	0.691061	1
cg14538249	TPST2;TPST2	0.109906	0.809051	0.930921	-1.0742	0.223613	0.685202	-1.45942	0.0935382	0.579644	-1.7252	0.418722	0.783248	-1.27673	0.0461434	1.96516	1.96516	0.716383	0.89774	-1.11391	0.285327	1.38834	1.38834	0.0495101	1.93992	1.93992	0.270385	0.712261	-1.40398	2.45793	3.40309	1.2307	1
cg22050893	MIR548N;FKBP7;FKBP7	0.109906	0.802144	0.946693	-1.05631	0.637526	1.1091	1.1091	0.0367777	1.69772	1.69772	0.856213	1.04037	1.04037	0.450434	0.845538	-1.18268	0.0584682	0.627223	-1.59433	0.0523813	0.617947	-1.61826	0.67927	1.09495	1.09495	0.15613	1.3924	1.3924	2.45792	1.85315	0.670176	1
cg17522207	NKPD1	0.109907	0.993231	1.00839	1.00839	0.136387	4.8596	4.8596	0.18705	3.96599	3.96599	0.0238133	14.2602	14.2602	0.335776	0.376117	-2.65875	0.971082	0.964917	-1.03636	0.124078	5.15889	5.15889	0.0193161	16.2399	16.2399	0.413601	2.27832	2.27832	2.45792	37.784	13.6643	1
cg15262984	URGCP;UBE2D4	0.109909	0.0737746	0.512686	-1.95051	0.385025	0.741905	-1.34788	0.81175	0.923137	-1.08326	0.220257	0.649191	-1.54038	0.0651879	0.499603	-2.00159	0.0514951	0.475655	-2.10236	0.0435163	0.459277	-2.17734	0.0218978	0.39778	-2.51395	0.0794545	0.520711	-1.92045	2.4579	4.37389	1.5818	1
cg25286967	TMEM120A;TMEM120A	0.10991	0.356004	1.16435	1.16435	0.217659	1.23104	1.23104	0.969309	0.993853	-1.00619	0.0196788	0.636618	-1.5708	0.604016	1.08747	1.08747	0.0800179	0.732487	-1.36521	0.659272	1.07371	1.07371	0.564503	1.09785	1.09785	0.0844749	1.35781	1.35781	2.45788	0.999956	0.361632	1
cg06278714	HECW1	0.10991	0.561496	1.32246	1.32246	0.823209	1.11241	1.11241	0.958743	1.02493	1.02493	0.286428	1.69387	1.69387	0.00990701	0.211997	-4.71704	0.236909	1.80389	1.80389	0.0964568	0.419421	-2.38424	0.328015	1.61714	1.61714	0.399631	0.663321	-1.50757	2.45788	8.82281	3.19075	1
cg08749862	EIF3J;EIF3J	0.109912	0.676863	1.06951	1.06951	0.754741	1.05153	1.05153	0.052697	1.42352	1.42352	0.746617	0.949348	-1.05335	0.50322	0.896794	-1.11508	0.45281	0.884592	-1.13046	0.00644647	0.566642	-1.76478	0.578927	0.914039	-1.09405	0.659777	0.931433	-1.07361	2.45787	1.00076	0.361923	1
cg12552165	LAMC2;LAMC2	0.109912	0.374457	1.69378	1.69378	0.488636	1.50178	1.50178	0.745732	1.20693	1.20693	0.102894	2.80506	2.80506	0.151055	2.43376	2.43376	0.438782	1.57852	1.57852	0.0198087	5.08501	5.08501	0.0117401	6.1695	6.1695	0.0649178	3.31409	3.31409	2.45787	13.0071	4.70402	1
cg00615377	RBM9;RBM9;RBM9;RBM9;RBM9;RBM9	0.109914	0.161749	0.451668	-2.21402	0.0550573	0.314394	-3.18073	0.759393	0.849238	-1.17753	0.157032	0.447053	-2.23687	0.075104	0.348436	-2.86997	0.21265	0.497453	-2.01024	0.0321378	0.26313	-3.8004	0.0127254	0.192664	-5.19038	0.415265	0.642135	-1.5573	2.45785	11.0151	3.98364	1
cg04276099	PTPRN2;PTPRN2;PTPRN2	0.109914	0.43387	1.28633	1.28633	0.377218	1.3307	1.3307	0.734086	1.1135	1.1135	0.529313	1.22255	1.22255	0.0181269	0.404614	-2.47149	0.604662	0.848168	-1.17901	0.0195795	2.43373	2.43373	0.70636	0.887505	-1.12675	0.517208	1.23004	1.23004	2.45785	3.87014	1.39965	1
cg05043048	PLK3	0.109914	0.966784	0.994054	-1.00598	0.972246	1.00499	1.00499	0.607257	0.92844	-1.07708	0.848349	1.0278	1.0278	0.638663	0.934509	-1.07008	0.00235092	1.83654	1.83654	0.270494	1.17858	1.17858	0.542568	1.09229	1.09229	0.596909	1.07943	1.07943	2.45784	0.798393	0.288742	1
cg16858931	C20orf199;SNORD12C;C20orf199;ZNFX1;C20orf199	0.109915	0.141967	0.754333	-1.32568	0.503477	1.12889	1.12889	0.184306	1.2859	1.2859	0.197897	0.784268	-1.27507	0.152593	0.760657	-1.31465	0.226497	0.79712	-1.25452	0.222783	1.25704	1.25704	0.741161	0.942529	-1.06098	0.0199429	0.605559	-1.65137	2.45784	1.24112	0.448858	1
cg15962197	SCMH1	0.109916	0.045213	0.500212	-1.99915	0.298191	0.722429	-1.38422	0.268564	0.706497	-1.41543	0.45544	0.795165	-1.2576	0.0591676	0.526053	-1.90095	0.42216	0.780975	-1.28045	0.0196093	0.427333	-2.3401	0.600444	1.17274	1.17274	0.03128	0.466817	-2.14217	2.45783	3.53863	1.27976	1
cg19123882	ATL3	0.109916	0.653956	1.14664	1.14664	0.183594	1.53394	1.53394	0.033938	0.471977	-2.11875	0.0455306	0.498862	-2.00456	0.283835	1.40166	1.40166	0.148664	0.625156	-1.5996	0.834789	0.93863	-1.06538	0.115562	0.595245	-1.67998	0.9409	1.02274	1.02274	2.45783	3.57983	1.29467	1
cg19711045	YEATS2	0.109918	0.299704	0.88896	-1.12491	0.651484	0.951421	-1.05106	0.10277	1.21591	1.21591	0.11075	0.826703	-1.20962	0.0953613	1.22221	1.22221	0.262308	1.13656	1.13656	0.0526716	0.785657	-1.27282	0.273357	1.13297	1.13297	0.577344	1.06359	1.06359	2.45781	0.466871	0.168848	1
cg17331741	MTHFD1L	0.109922	0.470168	0.816264	-1.22509	0.392532	0.785024	-1.27385	0.0926477	1.66749	1.66749	0.0073395	0.384826	-2.59858	0.271641	0.728907	-1.37192	0.604985	1.15509	1.15509	0.684501	1.1195	1.1195	0.439496	0.804239	-1.24341	0.284777	0.735638	-1.35936	2.45777	2.97209	1.0749	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00056624	CTDSPL;CTDSPL	0.109922	0.300505	1.33278	1.33278	0.425026	0.80402	-1.24375	0.624382	0.87622	-1.14127	0.415496	1.24963	1.24963	0.919014	0.973136	-1.02761	0.58262	1.16022	1.16022	0.00422767	0.358628	-2.7884	0.533087	1.18416	1.18416	0.30246	0.751247	-1.33112	2.45777	2.79072	1.00931	1
cg03349407	RAB3GAP2;AURKAPS1	0.109924	0.0950438	0.668382	-1.49615	0.0428901	1.66832	1.66832	0.538721	1.14649	1.14649	0.0950491	0.668387	-1.49614	0.815542	1.05266	1.05266	0.680049	1.09536	1.09536	0.103487	1.47861	1.47861	0.270584	1.28652	1.28652	0.230357	0.758523	-1.31835	2.45775	1.87773	0.679117	1
cg11987751	SLC35E2	0.109925	0.623216	0.666989	-1.49928	0.453278	0.535358	-1.86791	0.891731	1.11782	1.11782	0.665849	1.42666	1.42666	0.954378	1.0479	1.0479	0.376796	0.47629	-2.09956	0.00483717	0.0470541	-21.2521	0.196379	3.05632	3.05632	0.25425	2.64753	2.64753	2.45774	26.0354	9.41618	1
cg18959554	SPATS1	0.109925	0.0682396	0.173423	-5.76626	0.917665	1.09279	1.09279	0.103785	4.60186	4.60186	0.249733	0.356217	-2.80728	0.0427536	0.135154	-7.39899	0.123768	0.239205	-4.18052	0.102979	0.216387	-4.62135	0.408483	2.06569	2.06569	0.46568	0.528835	-1.89095	2.45774	28.6622	10.3662	1
cg07548297	TMEM111	0.109932	0.335197	1.13382	1.13382	0.145381	0.820706	-1.21846	0.0261671	0.716471	-1.39573	0.458278	1.10015	1.10015	0.703879	1.04944	1.04944	0.157742	1.21033	1.21033	0.488256	0.914859	-1.09306	0.193643	0.840447	-1.18984	0.069108	0.773343	-1.29309	2.45767	0.621661	0.224842	1
cg01090026	KIF6	0.109932	0.351819	1.40108	1.40108	0.00570388	3.58196	3.58196	0.0472997	2.22286	2.22286	0.145549	1.73331	1.73331	0.249288	1.52777	1.52777	0.184675	1.64081	1.64081	0.62587	0.841191	-1.18879	0.62266	1.19074	1.19074	0.924449	1.03395	1.03395	2.45767	4.82184	1.74396	1
cg03282686	SPATA4	0.109933	0.786166	1.06575	1.06575	0.0771817	1.58427	1.58427	0.056372	0.602938	-1.65854	0.807517	0.944445	-1.05882	0.529675	0.861485	-1.16079	0.0777642	0.6319	-1.58253	0.0370229	0.56717	-1.76314	0.345944	1.25519	1.25519	0.673212	0.905441	-1.10443	2.45766	2.13441	0.771974	1
cg12688234	FAM196B;DOCK2;FAM196B	0.109935	0.953242	0.979911	-1.0205	0.909275	1.04024	1.04024	0.219529	1.56335	1.56335	0.230876	1.54492	1.54492	0.051791	0.464887	-2.15106	0.717195	0.881713	-1.13416	0.0120065	0.338103	-2.95768	0.918026	1.03627	1.03627	0.229577	0.646422	-1.54698	2.45764	4.66207	1.68619	1
ch.3.1021608R	SHISA5	0.109935	0.302078	0.729301	-1.37118	0.079358	0.562688	-1.77719	0.0974898	0.584561	-1.71069	0.100833	0.588244	-1.69998	0.00916214	0.376382	-2.65687	0.656901	0.876342	-1.14111	0.0313597	0.474463	-2.10764	0.56328	0.841531	-1.18831	0.613386	0.860339	-1.16233	2.45764	3.3933	1.2273	1
cg02423080	HMGXB3	0.109938	0.0307689	0.293026	-3.41267	0.111846	0.43268	-2.31118	0.114019	0.435247	-2.29755	0.0178061	0.248103	-4.03059	0.14045	0.464279	-2.15388	0.861141	1.0884	1.0884	0.128723	0.451856	-2.21309	0.835025	1.10617	1.10617	0.135906	0.459544	-2.17607	2.45761	9.11187	3.29565	1
cg04300161	NXN	0.109939	0.0737856	0.663572	-1.50699	0.196415	0.754969	-1.32456	0.0336679	0.600193	-1.66613	0.225432	0.769532	-1.29949	0.521378	0.874815	-1.1431	0.836465	1.04345	1.04345	0.0451618	1.60469	1.60469	0.190619	0.751874	-1.33001	0.79473	0.947761	-1.05512	2.45761	1.64816	0.596122	1
cg18916626	PIGU	0.10994	0.00498716	0.408018	-2.45087	0.600844	1.1358	1.1358	0.155476	1.44287	1.44287	0.706059	0.912657	-1.0957	0.41182	0.816756	-1.22436	0.178745	0.708517	-1.4114	0.485868	0.842982	-1.18627	0.457645	0.833232	-1.20015	0.820947	1.0562	1.0562	2.45759	2.26471	0.819124	1
cg21488617	DNALI1	0.109941	0.16975	1.69399	1.69399	0.534143	1.25473	1.25473	0.0276784	2.55527	2.55527	0.0396299	2.35735	2.35735	0.470572	1.30283	1.30283	0.891996	1.05018	1.05018	0.879988	1.05596	1.05596	0.44392	1.32485	1.32485	0.00961385	3.25877	3.25877	2.45759	5.05551	1.82854	1
cg22347212	FZD10	0.109941	0.103221	5.31632	5.31632	0.0427468	8.90329	8.90329	0.178644	3.81704	3.81704	0.128223	4.67132	4.67132	0.354104	2.44419	2.44419	0.0609391	7.24255	7.24255	0.0198426	13.9621	13.9621	0.0338056	10.2085	10.2085	0.221533	3.3352	3.3352	2.45759	34.2035	12.3711	1
cg14302471	LOC154822	0.109945	0.0455249	0.112565	-8.88376	0.0216771	0.0724069	-13.8108	0.132108	0.21269	-4.70168	0.505982	0.52584	-1.90172	0.0391016	0.102878	-9.72029	0.0691766	0.144201	-6.93478	0.140819	0.221181	-4.52119	0.0733221	0.149272	-6.69918	0.174492	0.252659	-3.95791	2.45754	35.3082	12.7709	1
cg02313850	BMPR1A	0.109945	0.212059	1.15227	1.15227	0.38851	1.09998	1.09998	0.816795	1.02534	1.02534	0.296083	1.12392	1.12392	0.384636	1.10088	1.10088	0.774788	1.03141	1.03141	0.0143296	0.722115	-1.38482	0.0358758	1.30113	1.30113	0.754744	1.03437	1.03437	2.45754	0.452502	0.163669	1
cg12665724	API5;API5;API5;API5	0.109946	0.982542	1.00548	1.00548	0.441275	0.821921	-1.21666	0.026154	0.517382	-1.93281	0.736633	1.08796	1.08796	0.0097362	0.441943	-2.26274	0.12977	0.664482	-1.50493	0.111568	0.648675	-1.5416	0.905381	1.03014	1.03014	0.476515	0.834611	-1.19816	2.45753	2.42765	0.87808	1
cg16735682	ELN;ELN;ELN;ELN;ELN	0.109946	0.467264	0.564883	-1.77028	0.400189	0.514306	-1.94437	0.375078	0.495135	-2.01965	0.283286	0.42284	-2.36496	0.267454	0.409842	-2.43996	0.324176	0.455585	-2.19498	0.00199858	0.0344361	-29.0393	0.982375	0.983088	-1.0172	0.685476	0.730241	-1.36941	2.45753	23.204	8.3929	1
cg01608878	C21orf94	0.109949	0.0163735	0.44972	-2.2236	0.039554	0.522913	-1.91236	0.0938806	0.605506	-1.65151	0.609848	1.15046	1.15046	0.802387	0.933988	-1.07068	0.144459	0.65251	-1.53254	0.628681	1.14192	1.14192	0.438354	1.24021	1.24021	0.294737	0.743825	-1.3444	2.4575	2.8868	1.04417	1
cg26776957	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1	0.109949	0.105213	1.94482	1.94482	0.00518571	4.00055	4.00055	0.531093	1.26922	1.26922	0.89231	0.950377	-1.05221	0.994261	1.00271	1.00271	0.499958	1.29342	1.29342	0.0874412	2.03188	2.03188	0.0806078	2.07118	2.07118	0.297968	1.49991	1.49991	2.4575	5.49527	1.98766	1
cg14325092	DRD1	0.10995	0.241316	1.59852	1.59852	0.00473441	4.19927	4.19927	0.206841	1.66386	1.66386	0.776459	1.11502	1.11502	0.0294545	2.66627	2.66627	0.272503	1.54775	1.54775	0.638081	1.19865	1.19865	0.224032	1.62988	1.62988	0.668564	1.17905	1.17905	2.45749	5.69275	2.0591	1
cg24171047	PRKCA	0.10995	0.0110664	0.408263	-2.4494	0.75162	0.914592	-1.09338	0.284238	0.731412	-1.36722	0.842804	0.945704	-1.05741	0.301028	1.35161	1.35161	0.134453	0.635227	-1.57424	0.582004	1.16919	1.16919	0.103728	1.64914	1.64914	0.596085	1.1623	1.1623	2.45749	3.07688	1.11293	1
cg23053741	TNPO1;TNPO1	0.109951	0.439892	0.858719	-1.16452	0.392436	0.844165	-1.1846	0.219312	1.28374	1.28374	0.505525	0.877539	-1.13955	0.153631	0.744236	-1.34366	0.0172628	0.570715	-1.75219	0.129828	0.728761	-1.37219	0.099614	1.41761	1.41761	0.919744	1.01968	1.01968	2.45749	1.45518	0.526348	1
cg07830449	C17orf72	0.109952	0.447222	0.769369	-1.29977	0.686583	1.14716	1.14716	0.0366593	0.43968	-2.27438	0.383659	1.35302	1.35302	0.0305906	0.423218	-2.36285	0.248072	1.50483	1.50483	0.35729	1.3777	1.3777	0.340654	0.71724	-1.39423	0.21722	1.55177	1.55177	2.45748	4.45829	1.6126	1
cg13853450	CDH19	0.109952	0.223566	0.409452	-2.44229	0.00479345	0.0732393	-13.6539	0.0517449	0.21313	-4.69196	0.967424	1.02893	1.02893	0.122475	0.310766	-3.21785	0.277063	0.454118	-2.20207	0.185609	0.375269	-2.66475	0.328916	0.49479	-2.02106	0.735178	0.788938	-1.26753	2.45747	18.9782	6.86458	1
cg06736160	PALM;PALM	0.109954	0.0275379	1.61463	1.61463	0.0703826	1.45031	1.45031	0.369095	0.844027	-1.1848	0.694592	1.07523	1.07523	0.916485	1.01947	1.01947	0.0268123	1.6196	1.6196	0.70485	1.07246	1.07246	0.596233	1.10329	1.10329	0.206838	0.782919	-1.27727	2.45746	1.31519	0.47572	1
cg24111516	GPHN;GPHN;GPHN;GPHN	0.109955	0.300818	0.871593	-1.14732	0.212475	1.18334	1.18334	0.0799383	1.28283	1.28283	0.188234	0.836332	-1.1957	0.18945	0.836791	-1.19504	0.0393325	0.736669	-1.35746	0.552686	0.925893	-1.08004	0.69937	0.951474	-1.051	0.15525	1.21526	1.21526	2.45745	0.63956	0.231336	1
cg20944303	GGCX;GGCX	0.109957	0.802311	1.03539	1.03539	0.013114	1.53192	1.53192	0.895293	0.98191	-1.01842	0.0642017	0.749511	-1.3342	0.38916	0.884837	-1.13015	0.115386	0.788747	-1.26783	0.769347	0.960054	-1.04161	0.31858	1.15363	1.15363	0.982681	1.00301	1.00301	2.45743	0.748098	0.270598	1
cg01189607	DSCR3	0.109958	0.898716	1.05383	1.05383	0.90589	1.0499	1.0499	0.808202	1.10531	1.10531	0.535439	0.772298	-1.29484	0.0034573	0.195059	-5.12664	0.163056	1.84594	1.84594	0.915798	0.957392	-1.0445	0.866647	1.07164	1.07164	0.36193	0.679892	-1.47082	2.45741	6.59718	2.38631	1
cg18480129	PAK3;PAK3	0.109958	0.403935	0.60964	-1.64031	0.00375814	0.103663	-9.64666	0.333556	0.56104	-1.7824	0.767758	1.1872	1.1872	0.14946	0.408358	-2.44883	0.10944	0.363734	-2.74926	0.634925	0.757929	-1.31939	0.905064	0.933198	-1.07158	0.614464	1.34221	1.34221	2.45741	13.0686	4.72714	1
cg01074347	FAM69A	0.109959	0.0169501	0.520843	-1.91996	0.875539	1.03573	1.03573	0.484051	0.852747	-1.17268	0.953928	1.01303	1.01303	0.444664	0.839851	-1.19069	0.641081	0.900178	-1.11089	0.151504	0.708777	-1.41088	0.432801	1.19638	1.19638	0.0117448	0.494098	-2.02389	2.45741	1.95261	0.706294	1
cg05133756	GSTM5	0.109959	0.80749	1.0418	1.0418	0.513329	0.894765	-1.11761	0.231686	0.810248	-1.23419	0.785352	1.04686	1.04686	0.17557	0.785371	-1.27328	0.133027	1.3124	1.3124	0.00744479	1.78267	1.78267	0.68596	0.934088	-1.07056	0.947015	1.01121	1.01121	2.4574	1.09503	0.396093	1
cg04861944	GSTTP2	0.109959	0.619007	1.15091	1.15091	0.44316	1.2451	1.2451	0.0107819	0.407356	-2.45485	0.896065	1.03732	1.03732	0.023856	0.469557	-2.12967	0.380075	0.776896	-1.28717	0.768754	1.08617	1.08617	0.584783	1.16731	1.16731	0.41661	0.792338	-1.26209	2.4574	3.05946	1.10666	1
cg08167097	TEX11;TEX11	0.109961	0.288169	1.6374	1.6374	0.165769	1.93668	1.93668	0.978549	1.0121	1.0121	0.826686	1.10303	1.10303	0.00931417	0.228755	-4.37149	0.549452	1.31107	1.31107	0.0860468	2.33555	2.33555	0.354379	1.53124	1.53124	0.97386	1.01476	1.01476	2.45738	7.78284	2.81522	1
cg25137436	C13orf35	0.109963	0.431213	1.13377	1.13377	0.126018	0.772051	-1.29525	0.0190654	0.64182	-1.55807	0.890295	0.978664	-1.0218	0.916918	1.01644	1.01644	0.668289	1.06969	1.06969	0.0269616	1.50586	1.50586	0.947906	0.989841	-1.01026	0.60902	0.922548	-1.08396	2.45737	0.950469	0.343808	1
cg00361343	ASB4;ASB4	0.109963	?	?	?	0.00406726	0.249212	-4.01265	0.2896	1.48589	1.48589	0.689255	0.865184	-1.15582	0.481648	0.772846	-1.29392	0.399658	0.732984	-1.36429	0.764631	0.897467	-1.11425	0.320956	0.691118	-1.44693	0.301464	0.679972	-1.47065	2.48277	4.53683	1.82733	1
cg09828265	ITGA9	0.109964	0.156046	0.648382	-1.5423	0.0324106	2.04434	2.04434	0.321097	0.746259	-1.34002	0.36919	0.7685	-1.30124	0.487039	0.81741	-1.22338	0.117949	1.6237	1.6237	0.302618	1.35646	1.35646	0.281897	1.37613	1.37613	0.143366	0.638285	-1.5667	2.45735	3.17248	1.14757	1
cg17550495	RFC1	0.109965	0.0705927	0.310153	-3.22422	0.286057	0.535543	-1.86726	0.318552	0.559877	-1.78611	0.174757	0.440091	-2.27225	0.0336882	0.231779	-4.31445	0.134878	0.398037	-2.51233	0.00736559	0.12033	-8.3105	0.53993	0.707132	-1.41416	0.0912055	0.342379	-2.92074	2.81966	13.1472	3.10847	1
cg18745965	LOC100216001	0.109965	0.214728	0.47033	-2.12617	0.294954	0.534026	-1.87257	0.029741	0.22821	-4.38193	0.595479	0.733836	-1.3627	0.722624	1.22856	1.22856	0.795923	0.860977	-1.16147	0.0310399	0.231754	-4.31492	0.0649307	3.31043	3.31043	0.515055	0.683007	-1.46411	2.45734	12.9819	4.69591	1
cg08281791	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.109967	0.10096	1.27596	1.27596	0.43214	1.1149	1.1149	0.0176894	0.676098	-1.47908	0.476927	1.10309	1.10309	0.583984	1.07791	1.07791	0.382843	1.12909	1.12909	0.0367233	1.38991	1.38991	0.563669	1.08242	1.08242	0.600438	1.07433	1.07433	2.45733	0.716322	0.259115	1
cg00508965	MCF2L;MCF2L	0.109967	0.795831	1.12703	1.12703	0.0333171	3.14921	3.14921	0.00823056	4.75329	4.75329	0.0638426	2.61365	2.61365	0.695717	1.19874	1.19874	0.272997	1.69241	1.69241	0.173497	1.95009	1.95009	0.907057	1.05534	1.05534	0.163854	1.98413	1.98413	2.45733	8.27775	2.99431	1
cg12526318	PCDHB17	0.109968	0.0669933	0.35006	-2.85665	0.0147539	0.215655	-4.63704	0.989656	0.993395	-1.00665	0.0454894	0.309553	-3.23046	0.115252	0.416684	-2.3999	0.74201	1.18398	1.18398	0.0928285	0.388537	-2.57375	0.146292	0.450575	-2.21939	0.425629	0.659742	-1.51574	2.45732	10.1713	3.67927	1
cg07903472	STK39	0.109972	0.0735987	0.144962	-6.89837	0.771915	1.32502	1.32502	0.255786	3.15395	3.15395	0.746415	0.730402	-1.36911	0.0217875	0.069534	-14.3815	0.473974	0.494059	-2.02405	0.0254572	0.0764424	-13.0817	0.975527	0.970735	-1.03015	0.197994	0.267831	-3.73369	2.45728	36.4862	13.1984	1
cg26062204	CLRN1;CLRN1;CLRN1	0.109974	0.0794412	0.392172	-2.5499	0.219602	0.537593	-1.86014	0.122507	0.447257	-2.23585	0.726738	1.18375	1.18375	0.021677	0.265713	-3.76346	0.0226172	0.26915	-3.71539	0.125099	0.450143	-2.22151	0.618532	0.785565	-1.27297	0.106747	0.428821	-2.33198	2.45726	8.99641	3.25436	1
cg16022279	ZNF185	0.109975	0.431791	0.673889	-1.48392	0.446623	0.682762	-1.46464	0.127528	0.444579	-2.24932	0.133235	0.450763	-2.21846	0.0163788	0.236128	-4.235	0.193166	1.96881	1.96881	0.692413	1.21603	1.21603	0.992554	1.0046	1.0046	0.139509	2.18638	2.18638	2.45725	9.41807	3.40691	1
cg11113363	PRDM16;PRDM16	0.109975	0.916668	0.956518	-1.04546	0.0136385	3.6547	3.6547	0.750256	1.14527	1.14527	0.126597	2.01761	2.01761	0.710765	1.17142	1.17142	0.261864	1.64371	1.64371	0.364401	0.673082	-1.4857	0.0190249	3.33965	3.33965	0.34038	1.51793	1.51793	2.45725	7.02132	2.53991	1
cg08952300	SNHG6	0.109982	0.190346	0.712351	-1.4038	0.0123624	0.466866	-2.14194	0.0553133	0.587843	-1.70113	0.232758	0.736365	-1.35802	0.0473555	0.574138	-1.74174	0.261236	0.750847	-1.33183	0.0779543	0.619377	-1.61453	0.0765495	0.617658	-1.61902	0.166941	0.69742	-1.43386	2.45718	2.32779	0.84208	1
cg24291309	PLOD2;PLOD2	0.109985	0.695935	1.06577	1.06577	0.0384218	0.677705	-1.47557	0.221928	0.812035	-1.23147	0.438888	0.879807	-1.13661	0.863784	1.02824	1.02824	0.994899	0.998964	-1.00104	0.0125634	1.65442	1.65442	0.611506	0.920279	-1.08663	0.444626	1.13473	1.13473	2.45715	1.02372	0.370338	1
cg17417878	GJA5;GJA5	0.109988	0.14587	0.768466	-1.30129	0.318869	1.18978	1.18978	0.0697939	0.710331	-1.40779	0.631465	1.08493	1.08493	0.0187563	0.618546	-1.6167	0.698993	0.936561	-1.06774	0.184393	1.26806	1.26806	0.456005	0.8798	-1.13662	0.172313	0.782681	-1.27766	2.45712	1.1072	0.40054	1
cg02848835	SMYD3;SMYD3	0.109989	0.569523	1.13468	1.13468	0.775082	1.065	1.065	0.341634	1.24033	1.24033	0.713976	1.08428	1.08428	0.329475	0.801546	-1.24759	0.590522	0.887453	-1.12682	0.866763	1.0376	1.0376	0.406917	0.829875	-1.205	0.00329297	0.414727	-2.41123	2.45712	1.8802	0.680184	1
cg23283495	IRF6	0.109991	0.05497	4.0825	4.0825	0.504809	1.54877	1.54877	0.24629	2.18968	2.18968	0.0269454	5.43859	5.43859	0.313141	1.9628	1.9628	0.127644	2.90021	2.90021	0.060096	3.93889	3.93889	0.0557902	4.05829	4.05829	0.0264495	5.47963	5.47963	2.45709	16.2599	5.88228	1
cg14227558	IKZF2;IKZF2	0.109992	0.568615	1.16438	1.16438	0.77346	0.9266	-1.07921	0.0630521	0.575631	-1.73722	0.0825113	0.601718	-1.66191	0.147289	0.663158	-1.50794	0.049071	0.55243	-1.81018	0.206318	1.42203	1.42203	0.209621	1.41802	1.41802	0.29153	0.748948	-1.33521	2.45708	2.71492	0.982165	1
cg15235893	ARL4C	0.109995	0.0653858	2.48961	2.48961	0.22875	1.7455	1.7455	0.804531	1.11556	1.11556	0.111005	2.15047	2.15047	0.773195	0.880353	-1.13591	0.751217	0.869129	-1.15058	0.0051151	5.11042	5.11042	0.485488	1.36692	1.36692	0.303251	1.6004	1.6004	2.45705	7.5679	2.73784	1
cg27190398	STUB1;JMJD8	0.109997	0.0977699	0.318825	-3.13652	0.730904	1.24265	1.24265	0.665077	1.31533	1.31533	0.292785	0.503186	-1.98734	0.0280796	0.195459	-5.11617	0.14691	0.37546	-2.6634	0.0200654	0.171138	-5.84325	0.0745301	0.286446	-3.49106	0.319189	0.523195	-1.91133	2.45703	15.4092	5.57464	1
cg20363022	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.109998	0.263179	0.508387	-1.967	0.0353209	4.14323	4.14323	0.135117	2.54505	2.54505	0.78865	0.855712	-1.16862	0.134261	0.39199	-2.55109	0.751579	0.831784	-1.20223	0.0832545	0.328873	-3.04069	0.209736	2.15257	2.15257	0.465566	0.650062	-1.53831	2.45702	13.0885	4.73509	1
cg06728674	DIAPH3	0.109998	0.476298	0.891593	-1.12159	0.227611	1.22221	1.22221	0.382681	1.15238	1.15238	0.581888	0.915663	-1.0921	0.242589	1.21379	1.21379	0.201154	1.23847	1.23847	0.554244	1.09942	1.09942	0.796948	0.959973	-1.0417	0.00398843	1.84625	1.84625	2.45702	0.976742	0.353361	1
cg25332499	BATF2	0.109998	0.941401	0.966768	-1.03437	0.540424	0.752084	-1.32964	0.177583	0.517528	-1.93226	0.030615	0.311071	-3.2147	0.787373	0.883129	-1.13234	0.036353	0.32676	-3.06035	0.0105925	0.228135	-4.38337	0.194489	0.532078	-1.87942	0.474927	0.716034	-1.39658	2.45702	8.22396	2.97523	1
cg10336039	USP36	0.109998	0.764584	0.758827	-1.31782	0.635829	1.55014	1.55014	0.903633	1.11773	1.11773	0.616765	1.58986	1.58986	0.252867	0.33372	-2.99653	0.0230586	0.0823045	-12.15	0.0100167	0.0504127	-19.8363	0.721255	0.719492	-1.38987	0.148914	0.24112	-4.14732	2.45702	32.86	11.8879	1
cg18177826	AHCYL1	0.109999	0.554644	0.85118	-1.17484	0.03962	1.89949	1.89949	0.305811	1.33094	1.33094	0.354678	0.773579	-1.29269	0.460332	0.816548	-1.22467	0.8081	1.06781	1.06781	0.0384271	0.523765	-1.90925	0.434899	1.23962	1.23962	0.0759258	0.587106	-1.70327	2.45701	2.82887	1.02342	1
cg17077776	SLC25A46	0.110001	0.154788	1.12417	1.12417	0.289477	1.08818	1.08818	0.997412	1.00025	1.00025	0.885609	0.988997	-1.01113	0.123929	1.13662	1.13662	0.271573	1.09195	1.09195	0.0138622	0.791594	-1.26327	0.813778	1.0183	1.0183	0.200211	0.901226	-1.1096	2.45699	0.229866	0.0831607	1
cg15821546	SLC44A4	0.110003	0.0278689	0.195294	-5.12049	0.434754	0.606014	-1.65013	0.0898546	0.308814	-3.23819	0.106576	0.33042	-3.02645	0.0182772	0.165277	-6.05045	0.107237	0.331234	-3.01902	0.0390109	0.222794	-4.48846	0.460343	0.623514	-1.60381	0.355989	0.550638	-1.81607	2.45697	15.3689	5.56019	1
cg16136098	NTNG1;NTNG1;NTNG1	0.110004	0.170456	0.747477	-1.33783	0.370651	1.20116	1.20116	0.941094	0.985373	-1.01484	0.563347	1.12354	1.12354	0.929034	1.01792	1.01792	0.665746	1.09052	1.09052	0.111487	0.707776	-1.41288	0.00863763	0.512957	-1.94948	0.231187	1.28454	1.28454	2.45697	1.54686	0.559628	1
cg07005506	KIAA0513	0.110013	0.255035	0.795864	-1.2565	0.960369	0.990498	-1.00959	0.343072	0.828886	-1.20644	0.845123	0.96312	-1.03829	0.702138	0.92883	-1.07662	0.00777686	1.92831	1.92831	0.703549	0.929174	-1.07622	0.0892632	1.43338	1.43338	0.361439	0.835062	-1.19752	2.45687	1.43648	0.519714	1
cg18613421	WDR72	0.110014	0.0959621	3.4872	3.4872	0.264205	2.21462	2.21462	0.936364	0.946908	-1.05607	0.572739	1.47605	1.47605	0.394939	1.81349	1.81349	0.126138	3.09743	3.09743	0.0126835	8.30183	8.30183	0.0254547	6.13656	6.13656	0.071045	3.96594	3.96594	2.45687	18.1618	6.57091	1
cg12593611	TUBB4Q	0.110015	0.651702	1.06715	1.06715	0.0374232	1.4126	1.4126	0.654143	0.937534	-1.06663	0.326899	1.15577	1.15577	0.117753	1.27504	1.27504	0.893274	1.01939	1.01939	0.0527866	1.37009	1.37009	0.92231	1.01405	1.01405	0.046208	0.721304	-1.38638	2.45685	0.796071	0.288018	1
cg07104495	MIF4GD	0.110016	0.0351386	0.337801	-2.96032	0.530967	0.755289	-1.324	0.661868	1.21483	1.21483	0.391527	0.678265	-1.47435	0.026151	0.311345	-3.21187	0.132188	0.487475	-2.05139	0.0208067	0.292173	-3.42263	0.200347	0.549813	-1.8188	0.179402	0.53225	-1.87882	2.45685	7.60918	2.75301	1
cg05623526	KCNQ1;KCNQ1	0.11002	0.643537	1.1648	1.1648	0.722361	0.889773	-1.12388	0.00682405	0.317505	-3.14955	0.95014	0.979737	-1.02068	0.0388002	0.456924	-2.18855	0.355433	0.732576	-1.36505	0.64051	0.857302	-1.16645	0.265182	1.46248	1.46248	0.542034	0.817049	-1.22392	2.45681	4.16986	1.50868	1
cg22645427	LOC284798;LOC284798;LOC284798	0.11002	0.0483651	30.8368	30.8368	0.139062	11.2478	11.2478	0.0383553	38.3844	38.3844	0.26142	5.93098	5.93098	0.080538	19.0345	19.0345	0.242118	6.42942	6.42942	0.209454	7.46886	7.46886	0.0218804	65.4345	65.4345	0.0437417	33.9043	33.9043	2.45681	89.9005	32.5266	1
cg02410304	DIP2C	0.110021	0.123443	2.68981	2.68981	0.0133819	6.15049	6.15049	0.0194564	5.33894	5.33894	0.280435	1.94505	1.94505	0.745001	1.21351	1.21351	0.36686	1.73272	1.73272	0.147998	2.50997	2.50997	0.284689	1.93282	1.93282	0.052924	3.68552	3.68552	2.45679	13.6816	4.95012	1
cg23654174	STIL;STIL	0.110021	0.375498	0.843302	-1.18581	0.102205	0.715235	-1.39814	0.442709	0.863587	-1.15796	0.130217	0.736191	-1.35834	0.575453	0.899403	-1.11185	0.0941188	0.708304	-1.41182	0.0252661	0.607455	-1.64621	0.0197361	0.590009	-1.69489	0.0367394	0.63465	-1.57567	2.45679	1.36619	0.494301	1
cg20791744	NR1D2;NR1D2	0.110022	0.36281	1.18523	1.18523	0.13916	0.748859	-1.33537	0.505168	1.13072	1.13072	0.772995	1.05396	1.05396	0.173271	1.30118	1.30118	0.274635	1.22939	1.22939	0.00744026	1.87063	1.87063	0.307817	0.825475	-1.21142	0.728419	1.06538	1.06538	2.45679	1.28447	0.464735	1
cg26918305	GALNS	0.110023	0.712578	1.05607	1.05607	0.0143735	1.56038	1.56038	0.480219	1.11161	1.11161	0.985777	1.00263	1.00263	0.229834	0.830462	-1.20415	0.471701	1.11399	1.11399	0.188317	1.22819	1.22819	0.527526	1.09898	1.09898	0.0482944	0.71696	-1.39478	2.45677	0.845943	0.306072	1
cg08447520	DTX1	0.110026	0.0952817	0.760596	-1.31476	0.0751979	1.34421	1.34421	0.438639	1.12519	1.12519	0.86639	1.02546	1.02546	0.684581	1.06288	1.06288	0.0704474	1.3524	1.3524	0.032951	1.45123	1.45123	0.371332	0.871924	-1.14689	0.211064	1.21743	1.21743	2.45674	0.867396	0.313838	1
cg20499825	CDK14	0.110028	0.0492745	0.672837	-1.48624	0.459121	1.14236	1.14236	0.354224	1.18329	1.18329	0.878099	0.973262	-1.02747	0.853388	1.0332	1.0332	0.75049	1.05795	1.05795	0.0111809	1.75314	1.75314	0.165048	1.29887	1.29887	0.484049	0.881991	-1.1338	2.45673	1.2131	0.43892	1
cg03531396	BEAN	0.110031	?	?	?	0.946937	1.02789	1.02789	0.164711	0.541961	-1.84515	0.219055	1.70602	1.70602	0.0429192	0.381807	-2.61912	0.0567846	2.43756	2.43756	0.248531	1.64622	1.64622	0.237452	1.66771	1.66771	0.605766	1.24006	1.24006	2.48208	5.96756	2.40425	1
cg21785710	C2orf86;C2orf86	0.110032	0.0537939	0.455532	-2.19523	0.151377	0.575776	-1.73679	0.539555	0.800085	-1.24987	0.711186	0.874983	-1.14288	0.0197872	0.364026	-2.74706	0.058254	0.463699	-2.15657	0.02264	0.3753	-2.66453	0.153399	0.577561	-1.73142	0.246804	0.647343	-1.54478	2.45669	5.01717	1.81533	1
cg13709612	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.110032	0.321644	0.865331	-1.15563	0.192071	1.21539	1.21539	0.719441	1.05228	1.05228	0.7352	1.04912	1.04912	0.0668151	0.748049	-1.33681	0.838865	1.02918	1.02918	0.0552164	1.35939	1.35939	0.0741941	0.754982	-1.32454	0.120294	0.788158	-1.26878	2.45668	0.776476	0.280948	1
cg13396201	FGF18	0.110033	0.124362	2.65312	2.65312	0.42728	0.621695	-1.60851	0.916861	0.940605	-1.06315	0.366715	0.580549	-1.72251	0.0353727	0.237695	-4.20707	0.0140436	0.168935	-5.91944	0.819287	0.874421	-1.14361	0.179829	0.433719	-2.30564	0.921618	1.05941	1.05941	2.45667	13.3797	4.84112	1
cg12003024	TNXB	0.110036	0.420504	0.790151	-1.26558	0.105026	0.602332	-1.66021	0.101421	0.598537	-1.67074	0.481321	0.814773	-1.22734	0.483545	0.815646	-1.22602	0.972882	0.990319	-1.00978	0.0107953	2.50045	2.50045	0.916091	1.03062	1.03062	0.312802	0.741708	-1.34824	2.45664	3.18676	1.15307	1
cg04199303	C7orf4	0.110038	0.917418	0.939998	-1.06383	0.48287	1.53032	1.53032	0.770366	0.839774	-1.1908	0.202209	0.447838	-2.23295	0.014992	0.167934	-5.95473	0.279156	0.511052	-1.95675	0.014883	0.167467	-5.97133	0.566242	1.41329	1.41329	0.431613	0.619488	-1.61424	2.45663	13.8487	5.01092	1
cg00537607	MICA	0.11004	0.377212	1.34247	1.34247	0.341833	1.37512	1.37512	0.764059	0.907103	-1.10241	0.796696	0.91979	-1.0872	0.962389	0.984849	-1.01538	0.813916	1.07935	1.07935	0.114278	0.569239	-1.75673	0.00496252	3.52765	3.52765	0.988014	0.995149	-1.00488	2.60618	4.2352	1.26394	1
cg21962603	TUBA1A	0.110041	0.480731	0.773614	-1.29263	0.0152901	2.90506	2.90506	0.435133	1.32997	1.32997	0.662126	0.854307	-1.17054	0.189152	0.607654	-1.64567	0.18246	0.602477	-1.65981	0.0707347	2.06094	2.06094	0.419828	1.34335	1.34335	0.758196	0.895313	-1.11693	2.4566	4.98967	1.80545	1
cg03957108	OTX1	0.110042	0.682523	0.631713	-1.583	0.259589	3.71922	3.71922	0.020773	22.3926	22.3926	0.113768	6.83303	6.83303	0.949093	0.931171	-1.07392	0.436225	2.42818	2.42818	0.426027	2.47893	2.47893	0.0107281	35.9138	35.9138	0.163626	5.26117	5.26117	2.45659	48.5332	17.5612	1
cg11828932	PRKD1	0.110043	0.0945388	0.547619	-1.82609	0.594291	0.838488	-1.19262	0.116091	0.571438	-1.74997	0.193218	1.57014	1.57014	0.136553	1.69141	1.69141	0.0572838	2.02322	2.02322	0.42399	1.30678	1.30678	0.272726	1.45362	1.45362	0.282863	0.693755	-1.44143	2.45658	4.17737	1.51154	1
cg02987481	NGF	0.110045	0.0610214	2.68229	2.68229	0.0569123	2.73716	2.73716	0.871602	1.07852	1.07852	0.494741	1.38267	1.38267	0.0469524	2.89432	2.89432	0.0665131	2.61592	2.61592	0.0316043	3.2472	3.2472	0.0882552	2.40855	2.40855	0.0877549	2.41257	2.41257	2.45656	8.49688	3.07454	1
cg17885841	C1QL3	0.110047	0.0311142	3.66589	3.66589	0.186549	2.05231	2.05231	0.340489	1.65597	1.65597	0.17228	2.10845	2.10845	0.0261199	3.87766	3.87766	0.513622	0.711676	-1.40513	0.0346127	3.543	3.543	0.109371	2.45061	2.45061	0.480878	1.4447	1.4447	2.45654	10.2573	3.71156	1
cg08119231	MOSC2	0.110048	0.226642	0.568312	-1.7596	0.0985531	0.446467	-2.23981	?	?	?	0.0736375	0.411587	-2.42962	0.0133454	0.255524	-3.91352	0.45463	0.712462	-1.40358	0.0322041	0.32737	-3.05465	0.77707	0.881297	-1.13469	0.296878	0.617898	-1.61839	2.48192	6.9235	2.78958	1
cg02505956	PTPRN2;PTPRN2;PTPRN2	0.110048	0.880463	1.05966	1.05966	0.616006	0.823053	-1.21499	0.796565	1.10461	1.10461	0.719014	1.14928	1.14928	0.00469882	0.235296	-4.24997	0.296806	0.659301	-1.51676	0.0477198	0.418152	-2.39148	0.708285	1.15575	1.15575	0.468719	0.752838	-1.32831	2.45653	5.77018	2.08793	1
cg04219048	MMP14	0.110048	0.372763	0.84044	-1.18985	0.0364798	1.58693	1.58693	0.429199	1.16569	1.16569	0.586833	0.90101	-1.10987	0.568263	1.11579	1.11579	0.412022	0.852706	-1.17274	0.0989423	1.41011	1.41011	0.493001	0.876112	-1.14141	0.0331695	0.623096	-1.60489	2.45653	1.40406	0.508056	1
cg13895966	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.110048	0.658044	1.10883	1.10883	0.50035	1.17192	1.17192	0.0130167	2.04327	2.04327	0.679503	0.908153	-1.10114	0.183064	1.38766	1.38766	0.318401	0.787297	-1.27017	0.965962	0.990153	-1.00995	0.066892	0.621033	-1.61022	0.303466	0.781006	-1.2804	2.45653	2.09237	0.75712	1
cg10453040	TMEM68;TGS1	0.110049	0.452153	1.12186	1.12186	0.73579	0.950427	-1.05216	0.328792	1.16336	1.16336	0.510541	0.904658	-1.10539	0.409546	1.13498	1.13498	0.721883	0.947759	-1.05512	0.0234464	0.666034	-1.50142	0.348993	1.15574	1.15574	0.0209143	1.51773	1.51773	2.45652	0.876846	0.317286	1
cg10810752	TAL1	0.110051	0.234869	1.22371	1.22371	0.742985	1.0548	1.0548	0.462841	1.12882	1.12882	0.503821	0.895838	-1.11627	0.0350684	0.671569	-1.48905	0.0173	0.624943	-1.60015	0.447203	0.881957	-1.13384	0.484588	0.891219	-1.12206	0.260901	1.2094	1.2094	2.4565	1.02284	0.370116	1
cg26942772	VPS37B	0.110055	?	?	?	0.693705	1.89703	1.89703	0.0272741	68.4272	68.4272	0.93345	1.14465	1.14465	0.647178	0.474526	-2.10736	0.581011	0.405866	-2.46387	0.605092	2.3252	2.3252	0.00974863	197.886	197.886	0.301136	5.65786	5.65786	2.48184	91.4263	36.8381	1
cg20592734	COL11A2;COL11A2;COL11A2	0.110061	0.0445867	0.341522	-2.92807	0.166826	0.503274	-1.98699	0.03779	0.325558	-3.07165	0.0144426	0.245545	-4.07258	0.196039	0.528922	-1.89064	0.068421	0.386599	-2.58666	0.196658	0.529441	-1.88878	0.136769	0.473922	-2.11005	0.224114	0.551604	-1.81289	2.45641	8.4427	3.05512	1
cg23389069	ATM;NPAT	0.110061	0.0681871	0.677483	-1.47605	0.406565	0.850543	-1.17572	0.127366	0.730277	-1.36934	0.664162	1.08686	1.08686	0.443019	0.861464	-1.16081	0.394203	0.846716	-1.18103	0.00952088	0.534629	-1.87045	0.0919736	0.702097	-1.4243	0.374688	1.18973	1.18973	2.4564	1.41422	0.511756	1
cg02569740	XKR6	0.110062	0.100952	0.296872	-3.36846	0.0120521	0.12043	-8.30358	0.0216449	0.155016	-6.45096	0.307894	0.489905	-2.04121	0.101059	0.297066	-3.36693	0.204859	0.404782	-2.47047	0.125932	0.326448	-3.06328	0.204958	0.404871	-2.46993	0.823944	0.860157	-1.16258	2.4564	17.7814	6.43452	1
cg10484211	TGFB2;TGFB2	0.110064	0.139794	0.445318	-2.24558	0.0726997	0.360783	-2.77175	0.391759	1.56324	1.56324	0.473199	0.689731	-1.44984	0.304205	0.581703	-1.71909	0.643414	1.2679	1.2679	0.0285311	0.268272	-3.72755	0.0986987	2.51404	2.51404	0.227549	0.524677	-1.90593	2.45637	10.0856	3.64967	1
cg07033372	SLC32A1	0.110064	0.659264	0.805288	-1.24179	0.0714228	0.374349	-2.67131	0.866937	0.92142	-1.08528	0.803495	0.885437	-1.12939	0.0196563	0.252731	-3.95678	0.547954	0.743254	-1.34544	0.168121	2.04796	2.04796	0.0656073	2.74118	2.74118	0.927017	1.04573	1.04573	2.45637	9.26587	3.35305	1
cg05846337	KIRREL3;KIRREL3	0.110065	0.0199227	0.177679	-5.62813	0.068306	0.285044	-3.50824	0.0705075	0.28853	-3.46585	0.0996149	0.329633	-3.03368	0.515919	0.66694	-1.49938	0.465832	1.57833	1.57833	0.0430339	0.238914	-4.1856	0.727344	0.806349	-1.24016	0.867859	0.902675	-1.10782	2.45636	14.7099	5.32311	1
cg08768421	GDA	0.11007	0.998837	0.999635	-1.00036	0.0435161	1.78724	1.78724	0.703909	0.908904	-1.10023	0.0446387	0.56174	-1.78018	0.131733	0.665644	-1.5023	0.197739	0.711368	-1.40574	0.246584	0.738527	-1.35405	0.767469	1.07699	1.07699	0.163226	1.45103	1.45103	2.45631	2.43432	0.880929	1
cg12477533	VWA3B	0.11007	0.744622	0.903509	-1.1068	0.394572	1.31088	1.31088	0.190702	0.650413	-1.53748	0.616555	0.854936	-1.16968	0.422568	0.775456	-1.28956	0.101876	0.57357	-1.74347	0.088397	0.557878	-1.79251	0.409079	1.29966	1.29966	0.0205047	2.37888	2.37888	2.45631	3.74915	1.35674	1
cg13986138	CYFIP1;CYFIP1	0.110075	0.130688	0.685671	-1.45842	0.0561545	0.606478	-1.64886	0.45257	0.837843	-1.19354	0.419782	1.20996	1.20996	0.15346	0.702311	-1.42387	0.263076	0.763563	-1.30965	0.470582	1.18496	1.18496	0.460689	1.18964	1.18964	0.0157568	0.504555	-1.98194	2.45627	2.0795	0.752542	1
cg24339704	GNG7	0.110077	0.0986971	0.647915	-1.54341	0.117523	0.665324	-1.50303	0.901285	1.03019	1.03019	0.317834	0.780757	-1.28081	0.0721068	0.618067	-1.61795	0.947725	0.984407	-1.01584	0.212948	1.36945	1.36945	0.0873662	0.636111	-1.57205	0.0225764	0.519653	-1.92436	2.45624	2.23503	0.808834	1
cg05331472	BCAS4;BCAS4;BCAS4	0.110078	0.0342928	0.282138	-3.54436	0.316757	0.588405	-1.69951	0.697246	0.81846	-1.22181	0.234448	0.52801	-1.8939	0.0613182	0.339486	-2.94563	0.0667431	0.348788	-2.86707	0.0569136	0.331521	-3.0164	0.0313396	0.27414	-3.64777	0.0586151	0.334646	-2.98824	2.45623	10.2142	3.69644	1
cg01227006	LRRC20;LRRC20;LRRC20	0.110079	0.657685	0.911602	-1.09697	0.590339	1.1194	1.1194	0.864747	1.03602	1.03602	0.15309	0.727945	-1.37373	0.195788	1.32833	1.32833	0.382087	0.830242	-1.20447	0.0114091	0.518331	-1.92927	0.0967334	0.684958	-1.45994	0.320143	1.23763	1.23763	2.45623	1.67553	0.606359	1
cg02060584	ANK2;ANK2;ANK2	0.110083	0.350928	0.691181	-1.4468	0.210688	1.66098	1.66098	0.331942	1.46974	1.46974	0.462178	0.749795	-1.3337	0.0802649	0.474009	-2.10966	0.724623	0.872775	-1.14577	0.0750829	0.466464	-2.14379	0.0137257	0.309655	-3.2294	0.613039	0.821845	-1.21677	2.45618	5.75773	2.08371	1
cg17514353	UCP3;UCP3	0.110085	0.139046	0.385709	-2.59263	0.00427897	0.101627	-9.8399	0.0638894	0.287617	-3.47684	0.817773	0.871023	-1.14808	0.133345	0.379541	-2.63476	0.328769	0.547129	-1.82772	0.470718	0.644665	-1.55119	0.198539	0.443547	-2.25455	0.828149	0.878034	-1.13891	2.45617	13.9252	5.03955	1
cg26802951	RUFY1	0.110085	0.15396	1.75934	1.75934	0.187353	1.67735	1.67735	0.0355075	2.47437	2.47437	0.348135	1.4298	1.4298	0.655799	0.847006	-1.18063	0.898037	1.0486	1.0486	0.31434	1.4698	1.4698	0.0153835	3.00658	3.00658	0.0355425	2.47381	2.47381	2.45617	5.32924	1.92866	1
cg21456320	POLQ	0.110085	0.0909471	0.572048	-1.74811	0.107629	0.590571	-1.69328	0.533056	1.20849	1.20849	0.585993	1.17935	1.17935	0.899675	0.962875	-1.03856	0.0654895	0.537892	-1.85911	0.0210733	0.435108	-2.29828	0.0524583	0.516095	-1.93763	0.677225	0.882003	-1.13378	2.45617	3.4998	1.26658	1
cg24703661	CD79A;CD79A;CD79A;CD79A	0.110085	0.0866703	0.233856	-4.27613	0.0625481	0.200009	-4.99977	0.108612	0.260845	-3.83369	0.220825	0.372199	-2.68673	0.0850692	0.231766	-4.31469	0.0912976	0.239794	-4.17024	0.0290408	0.138655	-7.21217	0.0262268	0.13203	-7.57405	0.139834	0.295276	-3.38667	2.45616	22.9358	8.30052	1
cg00826921	C3orf58;C3orf58	0.110087	0.0860117	0.802209	-1.24656	0.0203582	0.722655	-1.38379	0.0698125	1.26559	1.26559	0.693436	0.955018	-1.0471	0.204346	1.16836	1.16836	0.642783	0.947186	-1.05576	0.765481	1.03536	1.03536	0.458908	1.09156	1.09156	0.558441	1.07116	1.07116	2.45614	0.524958	0.189985	1
cg13750180	ZNF815	0.110092	0.0103831	0.191764	-5.21475	0.419055	0.655427	-1.52572	0.5883	0.756058	-1.32265	0.554403	0.736406	-1.35795	0.108816	0.408663	-2.447	0.901998	1.06506	1.06506	0.0245527	0.254015	-3.93677	0.376095	1.59165	1.59165	0.96903	0.980331	-1.02006	2.45609	10.184	3.68573	1
cg23830037	DRG2;DRG2	0.110097	0.549184	0.93386	-1.07082	0.458599	1.08894	1.08894	0.903515	0.986401	-1.01379	0.00795532	0.681021	-1.46838	0.0978714	1.22756	1.22756	0.754834	0.965251	-1.036	0.986425	0.998081	-1.00192	0.171655	1.17856	1.17856	0.428216	1.09562	1.09562	2.45605	0.495854	0.179458	1
cg05055782	GPX1;GPX1	0.110098	0.0144358	0.426585	-2.3442	0.908644	1.03297	1.03297	0.610814	1.15608	1.15608	0.0888854	0.588438	-1.69941	0.08685	0.586026	-1.70641	0.626519	0.870589	-1.14865	0.0284365	0.481501	-2.07684	0.218191	0.693484	-1.44199	0.33233	0.753807	-1.3266	2.45604	3.10633	1.12424	1
cg23402541	HTRA1	0.1101	0.159703	2.04252	2.04252	0.0255632	3.52909	3.52909	0.310482	1.6468	1.6468	0.0593872	2.75005	2.75005	0.882004	0.931834	-1.07315	0.324245	1.62242	1.62242	0.461141	1.42852	1.42852	0.0443274	2.99805	2.99805	0.0206154	3.76353	3.76353	2.45601	8.78898	3.18094	1
cg06197760	DSP;DSP	0.110101	0.128469	0.678386	-1.47409	0.0721857	0.622568	-1.60625	0.378645	0.807904	-1.23777	0.0468335	0.58425	-1.7116	0.0310388	0.549993	-1.81821	0.205265	0.729343	-1.3711	0.0134778	0.485598	-2.05931	0.296545	0.77445	-1.29124	0.207969	0.73086	-1.36825	2.45601	2.16939	0.785155	1
cg02088237	KIF6	0.110102	0.785871	0.89249	-1.12046	0.18727	0.557788	-1.7928	0.00930491	0.252071	-3.96713	0.0563588	0.405562	-2.46571	0.13073	0.505797	-1.97708	0.755601	1.1393	1.1393	0.609042	0.806177	-1.24042	0.0406392	0.372581	-2.68398	0.391044	0.692763	-1.4435	2.456	6.78583	2.45596	1
cg10996370	INE2	0.110102	0.379822	0.712185	-1.40413	0.00794406	0.277409	-3.60479	0.110859	0.519724	-1.9241	0.726798	1.14128	1.14128	0.192653	0.594832	-1.68115	0.0285395	0.377754	-2.64722	0.271521	0.649694	-1.53919	0.958814	1.01965	1.01965	0.393868	0.719617	-1.38963	2.45599	5.52114	1.99825	1
cg10321208	CPT2;CPT2	0.110104	0.246814	0.663944	-1.50615	0.00416303	3.665	3.665	0.412612	0.7533	-1.32749	0.197598	1.58501	1.58501	0.923824	1.03287	1.03287	0.749833	0.897458	-1.11426	0.846986	0.936754	-1.06752	0.986387	0.994247	-1.00579	0.76329	0.902896	-1.10755	2.45598	4.44883	1.61016	1
cg03813951	SSX7	0.110106	0.0906036	0.450852	-2.21802	0.415562	0.700791	-1.42696	0.164569	0.5307	-1.8843	0.0881295	0.447515	-2.23456	0.0127943	0.266808	-3.74802	0.911748	0.953734	-1.04851	0.765377	1.13641	1.13641	0.0281139	0.330206	-3.02841	0.253488	0.600773	-1.66452	2.45596	7.10067	2.56996	1
cg19223314	VPS33A	0.110111	0.0585556	2.42591	2.42591	0.397447	1.43235	1.43235	0.348329	1.49245	1.49245	0.250085	0.607474	-1.64616	0.129882	1.97092	1.97092	0.0455812	0.386463	-2.58757	?	?	?	0.454773	1.37128	1.37128	0.230922	1.68398	1.68398	2.48128	6.00754	2.42115	1
cg18963390	CNBP;CNBP;CNBP;CNBP;CNBP;CNBP;CNBP;CNBP;CNBP;CNBP;CNBP;CNBP	0.110112	0.0918522	1.26755	1.26755	0.00744944	1.55307	1.55307	0.0627275	1.30673	1.30673	0.815012	1.03039	1.03039	0.656938	1.05877	1.05877	0.278284	1.15491	1.15491	0.467866	1.09896	1.09896	0.297341	1.148	1.148	0.0384365	1.35852	1.35852	2.4559	0.634769	0.229749	1
cg13067908	IL17RC;IL17RC;IL17RC;IL17RC;IL17RC;IL17RC	0.110114	0.0864029	0.326021	-3.06729	0.162675	0.414021	-2.41534	0.0933095	2.98087	2.98087	0.442134	0.628951	-1.58995	0.799763	1.16228	1.16228	0.700685	0.795703	-1.25675	0.0217574	0.196009	-5.10181	0.146833	0.398009	-2.5125	0.141197	0.392095	-2.5504	2.45588	13.6165	4.92842	1
cg06155802	ARF1;ARF1;ARF1;ARF1;ARF1	0.11012	0.195702	0.699601	-1.42939	0.735445	0.915266	-1.09258	0.824817	1.05959	1.05959	0.0694715	0.588525	-1.69916	0.914547	1.02842	1.02842	0.0133536	0.449268	-2.22584	0.336437	1.29531	1.29531	0.245706	1.37297	1.37297	0.287009	1.3346	1.3346	2.45582	2.65106	0.959558	1
cg13038108	LIAS;RPL9;RPL9;LIAS	0.11012	0.0433822	1.59413	1.59413	0.084125	1.46754	1.46754	0.273594	1.25695	1.25695	0.0678536	1.50763	1.50763	0.160232	1.35141	1.35141	0.134922	1.38196	1.38196	0.331949	0.817984	-1.22252	0.298727	0.805575	-1.24135	0.118936	1.40453	1.40453	2.45582	1.56708	0.567208	1
cg04106389	DLG4;DLG4	0.110122	0.0433521	0.44973	-2.22356	0.728628	1.12725	1.12725	0.301409	1.44516	1.44516	0.883209	1.05185	1.05185	0.0358771	0.431898	-2.31536	0.233099	0.650525	-1.53722	0.0521075	0.467747	-2.13791	0.0927021	0.529275	-1.88938	0.260022	0.66761	-1.49788	2.45581	4.6	1.66499	1
cg13131753	TRPM7	0.110122	0.0305289	0.692751	-1.44352	0.153922	1.24663	1.24663	0.391305	1.13524	1.13524	0.567505	0.919932	-1.08704	0.267721	0.846426	-1.18144	0.86198	0.975183	-1.02545	0.0664253	0.742836	-1.34619	0.206847	1.21198	1.21198	0.235356	1.19675	1.19675	2.4558	0.811162	0.293604	1
cg00767000	ZCCHC14	0.110122	0.514588	1.26018	1.26018	0.425738	0.752303	-1.32925	0.247889	1.52611	1.52611	0.0649879	2.06494	2.06494	0.187542	0.613392	-1.63028	0.195487	0.619348	-1.6146	0.0401604	0.436163	-2.29272	0.10221	0.5348	-1.86986	0.980713	0.991577	-1.00849	2.4558	4.76264	1.72386	1
cg08495341	HS3ST3B1	0.110124	0.801642	1.1495	1.1495	0.170111	0.445424	-2.24505	0.0698412	0.325597	-3.07128	0.69598	0.804644	-1.24278	0.576619	0.731831	-1.36644	0.457239	1.52049	1.52049	0.262532	1.90904	1.90904	0.0336427	0.253243	-3.94878	0.0272931	0.235587	-4.24473	2.45578	11.9155	4.31293	1
cg10147075	MOGAT3	0.110125	0.0396567	8.27625	8.27625	0.083015	5.50167	5.50167	0.25371	2.88315	2.88315	0.11998	4.47491	4.47491	0.0193322	12.3418	12.3418	0.678768	1.44768	1.44768	0.529588	0.567938	-1.76076	0.492857	1.85652	1.85652	0.050003	7.28261	7.28261	2.45577	30.6939	11.1099	1
cg23418591	APCDD1L	0.110128	0.702127	0.783112	-1.27696	0.0378285	4.62851	4.62851	0.403458	1.72277	1.72277	0.121707	2.90776	2.90776	0.974469	0.979846	-1.02057	0.0188666	6.10785	6.10785	0.0328925	4.89202	4.89202	0.332387	1.88929	1.88929	0.770959	0.830506	-1.20408	2.45575	15.7431	5.69842	1
cg05313393	SH3BP5L	0.11013	0.530739	0.896096	-1.11595	0.892751	0.976965	-1.02358	0.273791	1.21743	1.21743	0.842215	1.03503	1.03503	0.0734978	1.41162	1.41162	0.262291	0.81715	-1.22377	0.00784423	0.554638	-1.80298	0.652894	0.924768	-1.08135	0.865899	1.02963	1.02963	2.45572	1.16083	0.420183	1
cg04639241	PVT1	0.11013	0.738077	1.27746	1.27746	0.00542784	14.4334	14.4334	0.223264	2.54388	2.54388	0.618053	0.692967	-1.44307	0.407977	0.539265	-1.85438	0.0958155	3.79893	3.79893	0.649002	0.715808	-1.39702	0.236668	2.4711	2.4711	0.700784	1.32541	1.32541	2.45572	20.7055	7.49471	1
cg08205230	ATPGD1;ATPGD1	0.110131	0.577741	0.870784	-1.14839	0.0980086	1.56293	1.56293	0.0139259	0.473592	-2.11152	0.303498	0.769347	-1.2998	0.504305	0.846444	-1.18141	0.278735	1.31929	1.31929	0.204844	1.38978	1.38978	0.325302	1.28389	1.28389	0.681768	1.10676	1.10676	2.45572	2.35431	0.852185	1
cg16968662	KLHL17	0.110131	0.506246	0.852943	-1.17241	0.22512	0.740461	-1.35051	0.558522	1.14974	1.14974	0.301618	1.28712	1.28712	0.0133095	0.485133	-2.06129	0.487106	0.846604	-1.18119	0.068181	0.61775	-1.61878	0.168527	1.41348	1.41348	0.901754	1.02956	1.02956	2.45571	2.16345	0.783099	1
cg00027995	THBS1	0.110134	0.0410296	0.217257	-4.60284	0.0221558	0.16933	-5.90563	0.458335	0.613271	-1.6306	0.124444	0.340587	-2.9361	0.0341814	0.201854	-4.95408	0.0897965	0.297942	-3.35636	0.236249	0.447719	-2.23355	0.153638	0.371895	-2.68893	0.0654377	0.262135	-3.81483	2.45568	16.3051	5.902	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27110648	ANKS1B	0.110137	0.890606	1.05428	1.05428	0.712742	0.867574	-1.15264	0.00847183	0.274968	-3.63678	0.0221639	0.348704	-2.86776	0.699887	0.861748	-1.16043	0.460134	1.33494	1.33494	0.646642	1.19401	1.19401	0.910794	0.957861	-1.04399	0.270453	0.643536	-1.55392	2.45565	5.73913	2.07744	1
cg13653680	ZNF484;ZNF484	0.110142	0.783991	1.07115	1.07115	0.150285	0.679981	-1.47063	0.641468	0.889322	-1.12445	0.0059775	2.45668	2.45668	0.675494	1.11105	1.11105	0.823998	1.0573	1.0573	0.174423	1.43526	1.43526	0.153632	1.46538	1.46538	0.434431	1.22077	1.22077	2.4556	2.43309	0.88074	1
cg08083689	ACOX3;ACOX3	0.110142	0.899374	0.981269	-1.01909	0.0261586	1.48344	1.48344	0.0397664	1.42664	1.42664	0.448175	0.89089	-1.12247	0.0603516	1.37245	1.37245	0.845509	1.02959	1.02959	0.490664	0.900646	-1.11031	0.448169	0.890888	-1.12248	0.170154	1.24404	1.24404	2.4556	0.868842	0.314507	1
cg22747650	LRRC61;ACTR3C;LRRC61	0.110144	0.0736803	7.48903	7.48903	0.308143	2.90139	2.90139	0.210056	3.79562	3.79562	0.117709	5.5602	5.5602	0.166912	4.42829	4.42829	0.380687	2.47935	2.47935	0.00758529	32.0646	32.0646	0.0532777	9.18106	9.18106	0.0903572	6.58283	6.58283	2.45558	39.6565	14.3551	1
cg15622352	TSPAN32	0.110145	0.0376068	0.39475	-2.53325	0.19989	0.593411	-1.68517	0.191155	0.586632	-1.70465	0.335676	0.6821	-1.46606	0.0045685	0.233329	-4.2858	0.280466	0.648995	-1.54084	0.219047	0.60767	-1.64563	0.341362	0.685348	-1.45911	0.175513	0.57399	-1.74219	2.45557	5.77556	2.09069	1
cg26417985	RRBP1;RRBP1	0.110146	0.27774	0.655927	-1.52456	0.0455653	2.35507	2.35507	0.6864	1.16374	1.16374	0.0667249	2.1555	2.1555	0.0456484	0.424795	-2.35408	0.731133	1.13754	1.13754	0.78269	0.90186	-1.10882	0.130707	1.83995	1.83995	0.532106	1.26673	1.26673	2.45557	5.42835	1.965	1
cg18952878	CCDC24	0.110148	0.961977	1.00619	1.00619	0.601379	0.934054	-1.0706	0.0411502	1.35653	1.35653	0.558312	1.07963	1.07963	0.0371356	1.36778	1.36778	0.89055	0.982338	-1.01798	0.123366	0.80572	-1.24113	0.0533868	1.32844	1.32844	0.269543	1.16046	1.16046	2.45555	0.651461	0.235824	1
cg15574301	PDLIM4;PDLIM4	0.110148	0.323323	1.74479	1.74479	0.0132724	5.33591	5.33591	0.0653432	3.09203	3.09203	0.468187	1.49594	1.49594	0.135863	2.40362	2.40362	0.196063	2.10852	2.10852	0.0195049	4.66694	4.66694	0.111349	2.57627	2.57627	0.20791	2.06377	2.06377	2.45555	11.5793	4.19162	1
cg14199150	BRD3	0.110148	0.151948	0.655233	-1.52618	0.981381	1.00645	1.00645	0.894796	0.964214	-1.03711	0.581509	0.857841	-1.16572	0.224651	0.703764	-1.42093	0.166421	0.666033	-1.50143	0.00657781	0.378297	-2.64342	0.0479042	0.536359	-1.86442	0.0918237	0.599753	-1.66735	2.45554	2.95052	1.06807	1
cg27493117	NCK2;NCK2;NCK2	0.110151	0.249911	0.850547	-1.17571	0.15704	0.815669	-1.22599	0.218891	0.840227	-1.19015	0.228437	1.18552	1.18552	0.966324	0.994332	-1.0057	0.164203	1.22119	1.22119	0.0298521	1.4107	1.4107	0.224735	0.842253	-1.18729	0.257632	0.852965	-1.17238	2.45552	0.704852	0.255154	1
cg08856118	ANKRD26	0.110158	0.103758	0.300932	-3.32301	0.0991144	3.38852	3.38852	0.535449	1.52748	1.52748	0.900865	0.919319	-1.08776	0.0802656	0.269871	-3.70547	0.322216	0.50144	-1.99426	0.0431015	0.207853	-4.8111	0.0779535	0.266562	-3.75147	0.301188	0.485249	-2.0608	2.45545	17.7194	6.41454	1
cg19834045	SCHIP1	0.110164	0.765817	1.07905	1.07905	0.0787394	1.64424	1.64424	0.193882	0.704613	-1.41922	0.52703	1.17732	1.17732	0.858064	1.04665	1.04665	0.0375992	1.84848	1.84848	0.0202505	2.04015	2.04015	0.0995724	1.58366	1.58366	0.645901	1.12506	1.12506	2.45539	2.52269	0.913253	1
cg06535942	BEND3;BEND3	0.110165	0.961688	1.01431	1.01431	0.372683	1.31088	1.31088	0.0703823	0.549793	-1.81887	0.788322	1.08285	1.08285	0.854327	1.05587	1.05587	0.0138726	0.406869	-2.45779	0.0446104	0.505584	-1.97791	0.577537	1.18108	1.18108	0.694165	1.124	1.124	2.45538	3.4022	1.23165	1
cg16051742	HIST1H2AL	0.110166	0.0961147	3.46964	3.46964	0.0547801	4.40631	4.40631	0.0893989	3.57893	3.57893	0.217794	2.4173	2.4173	0.0368264	5.21206	5.21206	0.110246	3.27076	3.27076	0.021776	6.51892	6.51892	0.0877287	3.60789	3.60789	0.142118	2.92832	2.92832	2.45537	18.0241	6.52506	1
cg26461905	CA3	0.110167	0.691741	0.934644	-1.06993	0.193867	0.792043	-1.26256	0.79565	0.956938	-1.045	0.0680405	1.41423	1.41423	0.809114	1.0419	1.0419	0.0204946	1.60562	1.60562	0.670603	1.07526	1.07526	0.067936	0.706983	-1.41446	0.525718	1.11522	1.11522	2.45536	1.11856	0.404941	1
cg15090562	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.11017	0.0238721	0.174756	-5.72228	0.0520101	0.23922	-4.18025	0.0425764	0.220737	-4.53028	0.362129	0.545474	-1.83327	0.0839136	0.290092	-3.44718	0.165356	0.383867	-2.60507	0.295342	0.495495	-2.01819	0.0395261	0.214237	-4.66772	0.0991253	0.310429	-3.22135	2.45533	16.2812	5.89417	1
cg03689456	HNRNPA1;HNRNPA1L-2;HNRNPA1;CBX5	0.110172	0.0474991	7.43103	7.43103	0.207436	0.329229	-3.0374	0.40237	2.01779	2.01779	0.0641091	6.15739	6.15739	?	?	?	0.0348784	9.07152	9.07152	0.972916	1.02777	1.02777	?	?	?	0.496614	1.75493	1.75493	3.18738	23.4521	5.25557	1
cg08784874	CUL4B;CUL4B	0.110174	0.098921	0.0357495	-27.9724	0.112775	0.0416495	-24.0099	0.776036	0.591449	-1.69076	0.191041	12.7958	12.7958	0.545297	3.08668	3.08668	0.0204989	0.00585495	-170.796	0.524729	3.27676	3.27676	0.268808	8.33619	8.33619	0.40214	4.84921	4.84921	2.45529	131.837	47.7288	1
cg23817297	SYN3;TIMP3;SYN3;SYN3	0.110176	0.603283	0.896517	-1.11543	0.900795	1.02632	1.02632	0.0206512	0.559507	-1.78729	0.224051	0.766347	-1.30489	0.0120922	0.521066	-1.91914	0.328025	0.810298	-1.23411	0.56188	0.884976	-1.12997	0.0395616	0.608975	-1.6421	0.377955	0.828218	-1.20741	2.45528	1.68805	0.611129	1
cg18770660	CDC42EP2	0.110179	0.163137	1.48463	1.48463	0.37588	1.27284	1.27284	0.0260474	0.496022	-2.01604	0.42446	1.24177	1.24177	0.793211	0.932634	-1.07223	0.0865468	0.604962	-1.653	0.0708519	1.70881	1.70881	0.644693	1.13119	1.13119	0.779744	0.928278	-1.07726	2.45524	2.74036	0.992112	1
cg03560850	CACNA1H;CACNA1H	0.11018	0.631468	1.07638	1.07638	0.056527	1.38932	1.38932	0.261093	0.836513	-1.19544	0.814092	1.03653	1.03653	0.387201	0.873717	-1.14453	0.859905	0.973451	-1.02727	0.00975176	1.64516	1.64516	0.402458	1.13941	1.13941	0.154369	1.26138	1.26138	2.45523	0.902075	0.326586	1
cg24937126	LAMB1	0.110181	0.988273	0.996934	-1.00308	0.985163	0.996123	-1.00389	0.00718485	2.06472	2.06472	0.385813	1.20411	1.20411	0.0221459	1.77373	1.77373	0.647408	1.10099	1.10099	0.53322	0.876474	-1.14094	0.942875	1.01508	1.01508	0.25626	1.28092	1.28092	2.45523	1.69727	0.614479	1
cg10819238	SBNO2	0.110181	0.823188	0.881359	-1.13461	0.057099	3.36939	3.36939	0.338953	1.74404	1.74404	0.38994	0.608265	-1.64402	0.0627605	0.306798	-3.25948	0.724943	1.22061	1.22061	0.701388	0.804595	-1.24286	0.0338923	4.0456	4.0456	0.23733	0.497284	-2.01092	2.45522	12.3827	4.48303	1
cg01075497	IPO4	0.110184	0.133016	1.31002	1.31002	0.267321	1.21231	1.21231	0.0412476	1.48037	1.48037	0.672613	1.07338	1.07338	0.100245	1.3499	1.3499	0.179931	0.788773	-1.26779	0.611321	1.08914	1.08914	0.0609848	0.703402	-1.42166	0.558627	1.10357	1.10357	2.4552	1.07939	0.390786	1
cg07686122	POR	0.110186	0.148032	0.661494	-1.51173	0.0066908	2.5518	2.5518	0.388603	1.2653	1.2653	0.370069	0.782603	-1.27779	0.560542	0.854934	-1.16968	0.594568	0.866706	-1.15379	0.440269	1.23318	1.23318	0.270155	1.35767	1.35767	0.823273	0.94217	-1.06138	2.45517	2.75764	0.998397	1
cg20871964	TRPM8	0.110189	0.0399976	0.357427	-2.79777	0.0200597	0.296421	-3.37357	0.0306063	0.332525	-3.00729	0.618324	0.804363	-1.24322	0.566697	0.778017	-1.28532	0.920486	1.04423	1.04423	0.0579235	0.394892	-2.53234	0.408909	0.693445	-1.44207	0.129282	0.491436	-2.03485	2.45515	7.30479	2.64471	1
cg02330339	PAK6;PAK6;PAK6	0.110189	0.897983	1.02997	1.02997	0.29073	0.776937	-1.2871	0.0181381	0.516597	-1.93575	0.741182	1.07929	1.07929	0.137351	0.691868	-1.44536	0.958747	1.01198	1.01198	0.104191	1.5052	1.5052	0.0564064	0.608186	-1.64423	0.31924	0.78903	-1.26738	2.45514	2.06052	0.746016	1
cg02411493	NADSYN1	0.11019	0.533694	0.904714	-1.10532	0.0563568	1.40953	1.40953	0.737527	1.05489	1.05489	0.297697	1.18708	1.18708	0.155875	0.78569	-1.27277	0.300467	0.843287	-1.18584	0.0158018	1.59958	1.59958	0.482154	0.892719	-1.12017	0.995069	0.999019	-1.00098	2.45513	0.981289	0.355279	1
cg11768886	STK32B	0.110191	0.0122399	2.08028	2.08028	0.03545	1.77667	1.77667	0.201066	1.3729	1.3729	0.572226	0.874633	-1.14334	0.073591	1.59706	1.59706	0.542543	1.15567	1.15567	0.558789	0.870431	-1.14886	0.812404	1.05739	1.05739	0.270163	1.3093	1.3093	2.45512	2.14204	0.775535	1
cg12813724	ZNF683;ZNF683	0.110198	0.0405545	12.3216	12.3216	0.975948	0.968495	-1.03253	0.573602	1.82904	1.82904	0.646121	1.63381	1.63381	0.762089	0.724402	-1.38045	0.800916	0.764681	-1.30773	0.214431	4.00617	4.00617	0.0194612	20.0716	20.0716	0.0713602	0.117842	-8.48596	2.45506	43.8406	15.8731	1
cg15926004	C1orf133;SERTAD4	0.110198	0.0195527	0.233613	-4.28059	0.664821	0.7988	-1.25188	0.307899	0.580482	-1.72271	0.628089	0.77759	-1.28603	0.0185387	0.229588	-4.35562	0.520139	1.39928	1.39928	0.64728	0.788674	-1.26795	0.316689	1.70479	1.70479	0.340634	1.65875	1.65875	2.45505	10.3259	3.73867	1
cg04540870	MGMT	0.110199	0.0315959	0.151901	-6.58322	0.0494424	0.187055	-5.34601	0.393755	0.520397	-1.92161	0.0928547	0.250945	-3.98494	0.0703117	0.220324	-4.53878	0.0854892	0.241394	-4.1426	0.0455051	0.179986	-5.55598	0.0602173	0.204992	-4.87824	0.143857	0.309091	-3.23529	2.45504	21.737	7.87027	1
cg08798705	HLA-DRB5	0.110202	0.227132	0.700574	-1.4274	0.110818	0.61411	-1.62837	0.0572289	0.546769	-1.82893	0.198183	0.682723	-1.46472	0.0128087	0.419937	-2.38131	0.160925	0.656873	-1.52236	0.310396	0.74485	-1.34255	0.0891879	0.590942	-1.69221	0.0311817	0.491807	-2.03332	2.45501	3.06247	1.10883	1
cg21365903	ADSL;ADSL	0.110203	0.118706	0.73805	-1.35492	0.97051	0.993392	-1.00665	0.198576	1.27592	1.27592	0.582525	0.905229	-1.10469	0.539061	0.894462	-1.11799	0.0536627	0.675044	-1.48138	0.0290911	0.630477	-1.5861	0.0471962	0.665461	-1.50272	0.592896	1.10163	1.10163	2.45501	1.25063	0.452819	1
cg07617120	PTPRN2;PTPRN2;PTPRN2	0.110204	0.668502	1.09617	1.09617	0.0153515	1.88557	1.88557	0.313922	1.24857	1.24857	0.6099	0.896116	-1.11593	0.696073	0.919727	-1.08728	0.942092	1.01561	1.01561	0.014659	1.89747	1.89747	0.835858	0.95674	-1.04522	0.393568	0.830037	-1.20476	2.455	1.76662	0.639645	1
cg21165122	ZNF767;ZNF767	0.110207	0.709141	1.029	1.029	0.112663	0.876565	-1.14082	0.928658	1.00686	1.00686	0.0292462	0.822038	-1.21649	0.651094	1.03534	1.03534	0.722294	1.0276	1.0276	0.0214053	0.809849	-1.2348	0.208781	1.10637	1.10637	0.705775	1.02936	1.02936	2.45497	0.226304	0.0819394	1
cg02105377	MAGI1;MAGI1;MAGI1	0.110208	0.279622	1.11365	1.11365	0.322455	1.10283	1.10283	0.153407	1.15766	1.15766	0.0753721	1.20877	1.20877	0.880549	1.01451	1.01451	0.417985	1.08249	1.08249	0.0183218	0.7602	-1.31544	0.323599	0.906978	-1.10256	0.345758	1.09746	1.09746	2.45496	0.356612	0.129122	1
cg20409358	HMGB2;HMGB2;HMGB2	0.110214	0.548173	0.917068	-1.09043	0.0545686	1.36439	1.36439	0.194838	0.822524	-1.21577	0.0534525	0.731592	-1.36688	0.744335	0.954447	-1.04773	0.340227	1.15032	1.15032	0.0665136	1.34067	1.34067	0.242378	0.840028	-1.19044	0.758748	0.957059	-1.04487	2.4549	0.789228	0.28577	1
ch.16.1049690F	LONP2	0.110215	0.0058002	0.113907	-8.77906	?	?	?	0.603194	0.729607	-1.3706	0.0468875	0.254729	-3.92574	0.166522	0.411998	-2.4272	0.652597	0.761552	-1.31311	0.75907	0.831165	-1.20313	0.760203	1.20204	1.20204	0.76532	0.83531	-1.19716	2.48023	12.6175	5.08722	1
cg01437482	SLC25A29	0.110217	0.702013	1.07789	1.07789	0.993341	0.998373	-1.00163	0.626057	1.10056	1.10056	0.17751	0.756069	-1.32263	0.21731	0.776266	-1.28822	0.189008	0.762225	-1.31195	0.0241854	0.591904	-1.68946	0.069483	0.672883	-1.48614	0.0950997	1.43025	1.43025	2.45487	1.48018	0.535961	1
cg10173694	GALNT9	0.110219	0.20361	0.506596	-1.97396	0.00736106	5.75738	5.75738	0.293356	1.73745	1.73745	0.848059	0.907367	-1.10209	0.236094	0.533017	-1.87611	0.950241	0.968867	-1.03213	0.390774	0.640408	-1.56151	0.311244	1.70053	1.70053	0.535451	0.72757	-1.37444	2.45485	9.98561	3.61574	1
cg21425842	HIST1H4F	0.110221	0.0730485	13.3582	13.3582	0.0436798	20.2189	20.2189	0.0979964	10.5207	10.5207	0.864768	0.801714	-1.24733	0.113164	9.34901	9.34901	0.236797	4.98813	4.98813	0.0231423	33.8033	33.8033	0.62247	1.90299	1.90299	0.0417309	20.976	20.976	2.45483	65.3552	23.665	1
cg18813020	PRDM6	0.110222	0.52966	0.61821	-1.61757	0.308098	2.21847	2.21847	0.949329	0.953132	-1.04917	0.434035	0.547208	-1.82746	0.39615	0.518759	-1.92768	0.824097	0.845228	-1.18311	0.375315	0.502954	-1.98825	0.00408182	18.376	18.376	0.633016	1.43813	1.43813	2.45482	22.1798	8.03129	1
cg21238061	LPPR1;LPPR1	0.110224	0.0961492	2.20587	2.20587	0.889954	1.06178	1.06178	0.341461	1.52872	1.52872	0.180576	1.85081	1.85081	0.157795	1.92312	1.92312	0.0489792	2.64669	2.64669	0.0159848	3.58642	3.58642	0.0222106	3.277	3.277	0.351113	1.51517	1.51517	2.4548	7.28905	2.63938	1
cg22568540	NCRNA00181;A1BG;A1BG	0.110225	0.0944056	0.61008	-1.63913	0.135832	0.649208	-1.54034	0.967271	1.01109	1.01109	0.699785	0.901098	-1.10976	0.0764628	0.588793	-1.69839	0.0817954	0.595502	-1.67925	0.981694	0.993852	-1.00619	0.0299451	1.98659	1.98659	0.808335	0.93677	-1.0675	2.45479	2.80844	1.01695	1
cg25334461	SVIL;SVIL	0.110228	0.190155	0.568603	-1.7587	0.719795	0.863661	-1.15786	0.217408	1.69557	1.69557	0.862098	1.07331	1.07331	0.037816	0.375302	-2.66452	0.188469	0.567235	-1.76294	0.0386977	0.377497	-2.64903	0.0498971	0.402543	-2.48421	0.64697	1.20638	1.20638	2.45476	6.43674	2.33079	1
cg21620969	LRDD;LRDD;LRDD	0.110228	0.0729625	0.158069	-6.32634	0.155536	0.246181	-4.06205	0.589622	0.60516	-1.65246	0.24916	0.329241	-3.03729	0.0150091	0.0634391	-15.7632	0.0500191	0.127288	-7.85617	0.0286359	0.0924224	-10.8199	0.614555	0.626037	-1.59735	0.135758	0.226989	-4.4055	2.45476	33.0747	11.9767	1
cg18917957	CTRC	0.110231	0.130064	1.3264	1.3264	0.402022	0.862296	-1.15969	0.272645	1.21803	1.21803	0.890042	0.976388	-1.02418	0.45939	1.13898	1.13898	0.99573	1.00092	1.00092	0.0435423	1.4932	1.4932	0.0213711	0.620197	-1.61239	0.505621	0.889873	-1.12376	2.45473	1.16009	0.420084	1
cg21647975	CIR1;SCRN3	0.110232	0.670216	0.960682	-1.04093	0.318041	1.10146	1.10146	0.00612818	1.39782	1.39782	0.0976944	0.843544	-1.18547	0.907547	0.989181	-1.01094	0.297867	0.903889	-1.10633	0.695641	0.963855	-1.0375	0.932502	1.00796	1.00796	0.79963	1.0241	1.0241	2.45472	0.340871	0.123434	1
cg25290482	COL12A1;COL12A1	0.110232	0.720892	0.849049	-1.17779	0.764882	1.14661	1.14661	0.353406	0.646915	-1.5458	0.100359	0.439952	-2.27298	0.0693576	0.395857	-2.52616	0.707881	0.842234	-1.18732	0.00438293	0.176295	-5.67232	0.853607	1.08791	1.08791	0.876938	0.931756	-1.07324	2.45472	8.08898	2.92914	1
cg13189086	NIPA2;NIPA2;NIPA2;NIPA2	0.110234	0.744366	1.06758	1.06758	0.644426	1.09733	1.09733	0.00338738	2.21728	2.21728	0.430284	0.85138	-1.17456	0.100479	1.43277	1.43277	0.235116	1.28236	1.28236	0.792258	1.05417	1.05417	0.491153	1.15	1.15	0.978505	0.99463	-1.0054	2.4547	1.55287	0.56232	1
cg19244064	PITX3	0.110238	0.569766	0.906679	-1.10293	0.0651031	0.702439	-1.42361	0.173388	0.781108	-1.28023	0.902789	1.02106	1.02106	0.16308	1.28904	1.28904	0.076053	1.40027	1.40027	0.0487548	1.46791	1.46791	0.762086	0.949536	-1.05315	0.414901	0.867512	-1.15272	2.45467	1.13069	0.409448	1
cg01503312	ZMYM2;ZMYM2	0.11024	0.0384964	0.701964	-1.42457	0.012985	0.634429	-1.57622	0.496758	0.903168	-1.10721	0.507115	1.10444	1.10444	0.0879405	0.757321	-1.32044	0.120835	0.780117	-1.28186	0.738658	1.05066	1.05066	0.617155	0.92831	-1.07723	0.720749	1.05441	1.05441	2.45464	0.846983	0.306714	1
cg19250764	TYW1;SBDS;TYW1	0.110241	0.508167	0.882717	-1.13287	0.0733795	1.44921	1.44921	0.946007	1.01267	1.01267	0.458375	1.15064	1.15064	0.999309	1.00016	1.00016	0.319526	0.825994	-1.21066	0.00696856	0.522736	-1.91301	0.506567	1.13341	1.13341	0.776286	1.05437	1.05437	2.45464	1.3426	0.486192	1
cg26833096	EPHB4	0.110241	0.210278	0.832051	-1.20185	0.614592	0.931733	-1.07327	0.99423	0.998994	-1.00101	0.0801069	0.763066	-1.3105	0.00626315	0.608913	-1.64227	0.849625	0.973912	-1.02679	0.414412	1.12321	1.12321	0.102068	0.779417	-1.28301	0.809071	1.03429	1.03429	2.45463	0.754021	0.273051	1
cg25281584	AGBL4	0.110245	0.0676989	0.206687	-4.83824	0.0621399	0.198369	-5.04111	0.110605	0.262055	-3.816	0.171253	0.325594	-3.07131	0.0209767	0.117738	-8.49343	0.0605946	0.19599	-5.10229	0.05045	0.179538	-5.56984	0.120701	0.273516	-3.65609	0.161866	0.316459	-3.15997	2.45459	23.0666	8.35318	1
cg13336363	GART;GART;GART;GART	0.110249	0.0384169	0.698086	-1.43249	0.162823	1.2501	1.2501	0.103876	0.766092	-1.30533	0.807366	0.96406	-1.03728	0.137383	1.27092	1.27092	0.956711	1.00817	1.00817	0.165215	1.24832	1.24832	0.953131	1.00885	1.00885	0.120475	0.776974	-1.28704	2.45455	0.872742	0.316054	1
cg19887824	TAP2;TAP2	0.110251	0.219587	0.640882	-1.56035	0.247196	0.659019	-1.51741	0.0109793	0.332916	-3.00376	0.240325	0.654626	-1.52759	0.0490127	0.460903	-2.16965	0.0219402	0.387747	-2.579	0.383565	0.734962	-1.36061	0.236881	0.652396	-1.53281	0.143892	0.582081	-1.71797	2.45454	4.61746	1.67217	1
cg11082691	TNFRSF19;TNFRSF19	0.110254	0.0299334	0.102203	-9.78447	0.221423	0.31736	-3.15099	0.317111	0.397133	-2.51805	0.238841	0.332346	-3.00891	0.00579332	0.0396477	-25.2221	0.826281	0.821783	-1.21687	0.104737	0.205292	-4.87111	0.728717	0.732775	-1.36468	0.323463	0.402264	-2.48593	2.45451	30.9977	11.2257	1
cg07672411	UBR5	0.110258	0.198934	2.07875	2.07875	0.777951	0.858641	-1.16463	0.550812	1.38454	1.38454	?	?	?	?	?	?	0.00677198	0.150766	-6.63278	0.674756	1.25548	1.25548	0.585151	0.742925	-1.34603	0.755163	0.844818	-1.18369	2.51108	8.98934	4.09128	1
cg05788417	EFNA3	0.110258	0.842915	1.03354	1.03354	0.143679	0.767868	-1.30231	0.0494987	1.46297	1.46297	0.208001	0.800497	-1.24922	0.0250376	0.634026	-1.57722	0.676187	1.0724	1.0724	0.125533	0.756504	-1.32187	0.890094	1.02326	1.02326	0.357821	0.85394	-1.17104	2.60375	1.11592	0.333343	1
cg02776148	ICAM1	0.110258	0.290255	1.24244	1.24244	0.510579	0.876352	-1.14109	0.620878	1.10363	1.10363	0.505072	0.874798	-1.14312	0.649112	0.913386	-1.09483	0.330898	1.21947	1.21947	0.826304	0.957465	-1.04442	0.00669203	0.498726	-2.00511	0.0716933	0.671851	-1.48842	2.45446	1.52052	0.55066	1
cg25660358	C13orf1;C13orf1;C13orf1	0.110259	0.322699	0.653773	-1.52958	0.840409	0.919538	-1.0875	0.144044	1.92124	1.92124	0.241812	1.6648	1.6648	0.545222	0.775134	-1.2901	0.0235257	0.324518	-3.0815	0.115515	2.03773	2.03773	0.102901	2.10085	2.10085	0.977306	1.0119	1.0119	2.45446	6.72864	2.43679	1
cg23524290	PDE4A;PDE4A;PDE4A	0.11026	0.0301853	3.23098	3.23098	0.0744432	2.49541	2.49541	0.30811	1.6248	1.6248	0.297733	1.64325	1.64325	0.388261	0.66574	-1.50209	0.0259118	3.37607	3.37607	0.422809	1.45747	1.45747	0.0486091	2.81912	2.81912	0.268241	1.69993	1.69993	2.45445	8.22932	2.98028	1
cg05114178	OR5R1;OR8U8	0.110262	0.129759	0.195575	-5.11313	0.00625974	0.0286745	-34.8742	0.504472	0.509009	-1.9646	0.589524	0.580968	-1.72127	0.360823	0.391964	-2.55126	0.975641	0.970018	-1.03091	0.570802	1.77031	1.77031	0.41137	0.432801	-2.31053	0.031117	0.080267	-12.4584	2.45442	38.6401	13.9938	1
cg03980226	C15orf39	0.110264	0.838031	1.05718	1.05718	0.0884496	1.66629	1.66629	0.247409	0.719982	-1.38892	0.341167	1.30533	1.30533	0.22202	0.705635	-1.41716	0.144369	0.653142	-1.53106	0.0408086	1.8992	1.8992	0.186683	0.683689	-1.46265	0.310416	0.751923	-1.32992	2.4544	2.86864	1.03891	1
cg14329508	CSRP2BP;CSRP2BP	0.110264	0.235869	1.22999	1.22999	0.156328	0.776705	-1.28749	0.0572795	0.6988	-1.43103	0.500048	1.12084	1.12084	0.327138	1.18362	1.18362	0.252484	1.22042	1.22042	0.0214593	1.58474	1.58474	0.450273	1.13677	1.13677	0.771308	1.04977	1.04977	2.4544	1.07948	0.390946	1
cg11865882	CHRNA10	0.11027	0.900755	0.974191	-1.02649	0.069173	1.53132	1.53132	0.0170896	0.543757	-1.83906	0.62747	1.10793	1.10793	0.358752	1.21869	1.21869	0.19111	0.748192	-1.33656	0.12886	1.41051	1.41051	0.572006	1.12713	1.12713	0.686555	1.08874	1.08874	2.45435	1.70735	0.61835	1
cg18887186	PPARG;PPARG;PPARG	0.11027	0.100087	0.739646	-1.352	0.307639	0.837982	-1.19334	0.335835	1.1807	1.1807	0.582227	0.911195	-1.09746	0.292402	0.832904	-1.20062	0.0284474	0.648663	-1.54163	0.0123329	0.593595	-1.68465	0.810948	1.04093	1.04093	0.854625	0.969767	-1.03118	2.45435	1.08902	0.394409	1
cg11305202	CADM4	0.110272	0.365919	1.26468	1.26468	0.00305143	0.35852	-2.78925	0.755346	1.08222	1.08222	0.617363	0.88045	-1.13578	0.711476	0.910362	-1.09846	0.206049	0.713782	-1.40099	0.989563	0.996699	-1.00331	0.602924	1.14187	1.14187	0.77651	0.930584	-1.07459	2.45433	2.48382	0.89957	1
cg04787413	CARS2	0.110272	0.664681	0.735773	-1.35911	0.0653249	4.28703	4.28703	0.0111679	9.36966	9.36966	0.85673	1.13558	1.13558	?	?	?	0.840117	0.86752	-1.15271	0.224849	0.40782	-2.45206	0.360091	0.515828	-1.93863	0.981892	1.0161	1.0161	2.47965	17.2793	6.96844	1
cg23097035	CREB5	0.110275	0.0445872	0.443852	-2.253	0.863264	0.941094	-1.06259	0.022623	0.382356	-2.61536	0.0956188	0.524796	-1.9055	0.0808594	0.505702	-1.97745	0.515871	0.792919	-1.26116	0.0704525	0.490607	-2.03829	0.944286	0.975685	-1.02492	0.0477908	0.450639	-2.21907	2.4543	4.82191	1.74638	1
cg03410097	PRPF8	0.110276	0.0377676	0.699092	-1.43043	0.229273	0.829077	-1.20616	0.190059	0.813668	-1.229	0.848973	1.02873	1.02873	0.0514429	0.719317	-1.39021	0.805173	0.963948	-1.0374	0.409409	1.13355	1.13355	0.189015	0.813226	-1.22967	0.0189291	0.655551	-1.52544	2.45429	0.858067	0.310772	1
cg14146657	MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1	0.110277	0.645112	1.11846	1.11846	0.0253109	0.526289	-1.9001	0.122311	0.667492	-1.49814	0.218186	0.731489	-1.36707	0.81317	1.05882	1.05882	0.631769	1.12362	1.12362	0.0380642	1.78681	1.78681	0.372924	0.80187	-1.24709	0.374456	0.802467	-1.24616	2.45428	2.26507	0.82036	1
cg04656882	TRIO	0.110277	0.0536234	0.405809	-2.46421	0.682951	1.18411	1.18411	0.128758	0.508868	-1.96515	0.725415	0.864925	-1.15617	0.0296272	0.348642	-2.86827	0.127286	0.507328	-1.97111	0.0216237	0.321428	-3.11122	0.825422	1.09517	1.09517	0.210199	0.580783	-1.72181	2.45428	6.5823	2.38397	1
cg27318087	CPPED1;CPPED1	0.11028	0.570227	0.850376	-1.17595	0.0072257	2.66239	2.66239	0.91568	1.03037	1.03037	0.372338	1.29528	1.29528	0.50229	0.825022	-1.21209	0.0724467	1.76162	1.76162	0.713775	0.901165	-1.10967	0.606105	1.15828	1.15828	0.235302	0.703721	-1.42102	2.45425	3.10183	1.12343	1
cg24586528	PCDH17	0.11028	0.226593	1.69278	1.69278	0.904934	1.05078	1.05078	0.103532	0.477996	-2.09207	0.202041	1.74801	1.74801	0.779085	0.889948	-1.12366	0.423667	1.40325	1.40325	0.0207915	3.17008	3.17008	0.0510174	2.51297	2.51297	0.167931	1.83912	1.83912	2.45425	6.68133	2.41987	1
cg16812660	GPRIN2	0.11028	0.834172	0.892226	-1.12079	0.693234	0.806006	-1.24069	0.428665	0.644342	-1.55197	0.0487717	0.293994	-3.40143	0.132802	0.413863	-2.41626	0.103437	0.379539	-2.63478	0.00896968	0.164014	-6.09706	0.57364	0.733976	-1.36244	0.0436031	0.283078	-3.53259	2.45425	11.5014	4.16563	1
cg17342071	MYEOV2;MYEOV2	0.110283	0.0383667	0.254982	-3.92184	0.856159	1.10886	1.10886	0.412957	0.620838	-1.61073	0.505231	1.46966	1.46966	0.0304384	0.234883	-4.25744	0.108764	0.369286	-2.70793	0.300396	0.542731	-1.84254	0.824243	1.13505	1.13505	0.0286201	0.229793	-4.35175	2.45422	12.6067	4.566	1
cg13428239	PKN2	0.110284	0.129734	0.576048	-1.73597	0.231696	0.655277	-1.52607	0.100768	0.545689	-1.83255	0.22844	1.53105	1.53105	0.127445	0.573839	-1.74265	0.122716	1.75691	1.75691	0.0417098	0.453355	-2.20578	0.467794	0.77962	-1.28268	0.286284	0.688566	-1.45229	2.45421	4.41351	1.59853	1
cg19734015	SGCE;SGCE;PEG10;SGCE;PEG10	0.110285	0.912337	0.962711	-1.03873	0.187885	1.62556	1.62556	0.958028	1.01833	1.01833	0.268701	1.4918	1.4918	0.0124387	0.328992	-3.03958	0.129036	1.77329	1.77329	?	?	?	0.382846	0.733459	-1.3634	0.726383	1.12897	1.12897	2.62757	4.31153	1.43577	1
cg09560294	TBC1D1;TBC1D1	0.110288	0.700389	1.0699	1.0699	0.358354	0.847843	-1.17946	0.583772	1.10152	1.10152	0.232343	1.24469	1.24469	0.733953	1.06143	1.06143	0.791516	0.954757	-1.04739	0.00398361	0.5084	-1.96695	0.263294	0.815627	-1.22605	0.677592	0.929541	-1.0758	2.45418	1.18704	0.429939	1
cg14853597	DUSP16	0.110288	0.389929	1.1484	1.1484	0.103367	1.32285	1.32285	0.0221552	1.53846	1.53846	0.675511	1.06836	1.06836	0.257465	1.20395	1.20395	0.18362	0.801261	-1.24803	0.21897	0.816235	-1.22514	0.163067	0.791491	-1.26344	0.755114	0.952047	-1.05037	2.45417	0.958801	0.347273	1
cg23091758	NRIP3	0.110289	0.0712001	8.06266	8.06266	0.972912	0.965443	-1.03579	0.104342	6.28961	6.28961	0.176542	0.22582	-4.4283	0.30115	0.329697	-3.03309	0.699585	1.49421	1.49421	0.573065	0.554452	-1.80358	0.0158992	21.2955	21.2955	0.860691	1.19953	1.19953	2.45416	41.6944	15.1016	1
cg23623860	ISLR2;ISLR2;ISLR2;ISLR2	0.110289	0.0661548	0.414434	-2.41293	0.0192212	0.298041	-3.35524	0.101441	0.464677	-2.15203	0.91386	1.04733	1.04733	0.316228	0.64221	-1.55712	0.016014	0.28363	-3.52572	0.252817	0.60022	-1.66605	0.170455	0.535862	-1.86615	0.271211	0.612906	-1.63157	2.45416	7.09925	2.57132	1
cg08557686	RTN4R	0.110289	0.955523	0.995051	-1.00497	0.0788475	0.84062	-1.1896	0.129178	1.15704	1.15704	0.534536	0.945579	-1.05755	0.129266	0.864311	-1.15699	0.327988	1.09398	1.09398	0.103252	1.1718	1.1718	0.915988	0.990657	-1.00943	0.0467069	1.22458	1.22458	2.45416	0.307614	0.111417	1
cg00242341	ARAP1	0.11029	0.450637	1.31784	1.31784	0.0431759	0.433765	-2.3054	0.538282	0.799524	-1.25074	0.1374	0.562993	-1.77622	0.0308732	0.402448	-2.4848	0.349207	0.707493	-1.41344	0.31947	1.44688	1.44688	0.390879	1.37118	1.37118	0.0920449	0.513807	-1.94626	2.45416	5.01124	1.81506	1
cg01662117	FOXA1	0.110293	0.560869	1.24322	1.24322	0.405718	1.37017	1.37017	0.026535	2.64727	2.64727	0.838223	0.927107	-1.07862	0.902852	0.955798	-1.04625	0.273375	1.52504	1.52504	0.050838	2.27883	2.27883	0.121679	0.537308	-1.86113	0.148259	0.563181	-1.77563	2.45412	5.32758	1.92966	1
cg13690962	C1orf9;C1orf9	0.110294	0.947998	1.01753	1.01753	0.841328	0.948003	-1.05485	0.140627	0.655579	-1.52537	0.284853	0.743831	-1.34439	0.00365002	0.35083	-2.85038	0.872465	1.04373	1.04373	0.932808	1.02272	1.02272	0.390812	1.26395	1.26395	0.700242	1.10855	1.10855	2.45411	2.75834	0.999083	1
cg14989988	ATXN7L1;ATXN7L1	0.110295	0.607127	0.745529	-1.34133	0.0996447	2.77813	2.77813	0.0350318	4.01761	4.01761	0.779736	1.17204	1.17204	0.0352696	0.249498	-4.00804	0.30409	1.82696	1.82696	0.35677	1.71028	1.71028	0.34598	0.57722	-1.73244	0.593101	0.736833	-1.35716	2.4541	12.4607	4.51333	1
cg14479837	TMEM132C	0.110296	0.0693159	0.373067	-2.68048	0.914685	0.949329	-1.05338	0.0506205	2.9471	2.9471	0.42235	1.48838	1.48838	0.0253181	0.27521	-3.63359	0.711065	0.834815	-1.19787	0.86068	1.08898	1.08898	0.524337	1.36763	1.36763	0.226525	0.540017	-1.85179	2.4541	9.15153	3.31474	1
cg05163933	SLC12A7	0.110296	0.0111408	0.251751	-3.97218	0.636191	0.813377	-1.22944	0.472637	0.728572	-1.37255	0.518676	0.753046	-1.32794	0.0597911	0.398225	-2.51114	0.0374887	0.351185	-2.84751	0.0613626	0.401019	-2.49365	0.557747	0.773375	-1.29303	0.100018	0.457828	-2.18423	2.45409	7.30394	2.64554	1
cg21178378	PRICKLE2	0.110298	0.340931	0.525926	-1.90141	0.00608271	0.0958198	-10.4363	0.0363635	0.203304	-4.91875	0.384116	1.79381	1.79381	0.300274	0.495169	-2.01951	0.742313	0.805702	-1.24115	0.457202	0.609108	-1.64175	0.841707	0.877278	-1.13989	0.815021	1.16586	1.16586	2.45408	16.6644	6.036	1
cg19089383	LOC221442	0.110301	0.940599	0.957994	-1.04385	0.0550856	0.285827	-3.49862	0.00871892	0.145959	-6.85126	0.553001	0.707805	-1.41282	0.0262491	0.219137	-4.56335	0.822795	0.878833	-1.13787	0.998593	1.00102	1.00102	0.864326	1.10349	1.10349	0.518395	0.685908	-1.45792	2.45405	12.8872	4.66791	1
cg22581629	AGPAT6	0.110302	0.0182914	0.186335	-5.36668	0.935045	1.04898	1.04898	0.977044	1.01702	1.01702	0.257928	0.500274	-1.9989	0.0517316	0.272836	-3.66521	0.448757	0.635785	-1.57286	0.0148107	0.172201	-5.80717	0.490245	0.662883	-1.50856	0.160057	0.414523	-2.41241	2.45404	13.378	4.84571	1
cg06717750	RAB40C	0.110305	0.650044	0.847224	-1.18033	0.0628679	2.13747	2.13747	0.268101	1.52	1.52	0.401206	0.732069	-1.36599	0.0201699	0.361659	-2.76504	0.0641441	0.469971	-2.12779	0.548363	0.802156	-1.24664	0.540807	0.798729	-1.25199	0.921509	1.03642	1.03642	2.454	5.12058	1.85477	1
cg07474494	ZNF418;ZNF418	0.110305	0.376376	0.833416	-1.19988	0.15333	1.35923	1.35923	0.203458	1.30925	1.30925	0.303511	0.807407	-1.23853	0.738538	1.06956	1.06956	0.658962	0.914702	-1.09325	0.0181593	0.562254	-1.77855	0.0721145	1.49621	1.49621	0.927959	0.982011	-1.01832	2.454	1.56606	0.567259	1
cg01830463	MMP17	0.110306	0.2402	0.662769	-1.50882	0.272047	0.682204	-1.46584	0.762315	1.10679	1.10679	0.678563	1.14958	1.14958	0.0547938	0.482589	-2.07216	0.138795	0.586848	-1.70402	0.008601	0.325993	-3.06755	0.100184	0.547454	-1.82664	0.969782	1.01275	1.01275	2.45399	4.34845	1.5751	1
cg20584011	ZDHHC11	0.110308	0.0261581	0.142977	-6.99411	0.131416	0.301023	-3.32201	0.505544	0.607733	-1.64546	0.436617	0.557087	-1.79505	0.065169	0.217342	-4.60104	0.187228	0.356841	-2.80237	0.0455848	0.184523	-5.41938	0.0226242	0.133689	-7.48007	0.0956829	0.259453	-3.85426	2.45398	21.1214	7.65069	1
cg00899855	ZCCHC14	0.11031	0.955289	0.97918	-1.02126	0.057264	2.24143	2.24143	0.0302108	2.6021	2.6021	0.347728	1.43736	1.43736	0.203344	0.604185	-1.65512	0.521543	1.27609	1.27609	0.292281	0.663634	-1.50685	0.0490043	2.32429	2.32429	0.827394	0.921323	-1.0854	2.45396	5.47298	1.98246	1
cg00911776	FLJ43663;FLJ43663	0.11031	0.580276	0.811829	-1.23179	0.66222	0.84869	-1.17829	0.0949556	0.50416	-1.9835	0.0110746	0.304528	-3.28377	0.0184879	0.344262	-2.90477	0.601565	0.821497	-1.21729	0.189651	0.595402	-1.67954	0.546257	1.25596	1.25596	0.606595	0.82377	-1.21393	2.45395	5.41388	1.96105	1
cg00679209	PALLD;PALLD;PALLD;PALLD	0.110312	0.457519	0.834535	-1.19827	0.711012	0.914871	-1.09305	0.0820076	0.630841	-1.58519	0.791893	1.06526	1.06526	0.0041001	0.398239	-2.51105	0.366767	1.24816	1.24816	0.71232	1.09259	1.09259	0.48644	0.844451	-1.1842	0.666989	0.901682	-1.10904	2.45393	2.22146	0.804681	1
cg01086978	ARFGEF1	0.110313	0.272437	0.89012	-1.12344	0.21208	1.14332	1.14332	0.0147326	1.35781	1.35781	0.700915	1.04011	1.04011	0.577082	0.944211	-1.05909	0.908732	1.01175	1.01175	0.0542379	0.800433	-1.24932	0.915634	1.01086	1.01086	0.219559	1.1406	1.1406	2.45393	0.403548	0.146177	1
cg13567919	STAC3	0.110316	0.0486046	0.522544	-1.91372	0.664581	1.13394	1.13394	0.249139	0.706761	-1.41491	0.133005	0.626872	-1.59522	0.0180751	0.437211	-2.28722	0.241932	1.42318	1.42318	0.0913485	0.585245	-1.70868	0.6283	0.868871	-1.15092	0.310853	0.73925	-1.35272	2.4539	3.22641	1.16872	1
cg21377881	CACNA1I;CACNA1I	0.110319	0.733872	1.43023	1.43023	0.205917	0.246807	-4.05175	0.170702	0.216589	-4.61704	0.381238	0.389946	-2.56446	0.0435291	0.0876908	-11.4037	0.647148	0.616766	-1.62136	0.0373294	0.0793361	-12.6046	0.0175271	0.0482435	-20.7282	0.0694769	0.118928	-8.40843	2.45387	42.7336	15.4798	1
cg21492308	ALLC	0.110319	0.0251851	0.233501	-4.28265	0.17574	0.455385	-2.19594	0.111561	0.387938	-2.57773	0.67501	1.2591	1.2591	0.0188245	0.211234	-4.73409	0.21535	0.490403	-2.03914	0.310177	0.563406	-1.77492	0.0689506	0.328896	-3.04047	0.136643	0.416402	-2.40153	2.45387	11.6016	4.20255	1
cg06477423	ANKRD11	0.11032	0.0718535	0.503969	-1.98425	0.0419729	2.22373	2.22373	0.114764	1.7947	1.7947	0.454677	0.771302	-1.29651	0.840577	0.933628	-1.07109	0.129366	0.571916	-1.74851	0.140113	0.582011	-1.71818	0.588657	1.20463	1.20463	0.564948	0.820055	-1.21943	2.45386	4.51879	1.63689	1
cg01934626	SCGB3A1	0.110321	0.062006	26.1565	26.1565	0.229465	7.09056	7.09056	0.305973	5.18839	5.18839	0.110211	14.9404	14.9404	0.0442719	36.2026	36.2026	0.127004	12.9838	12.9838	0.409438	0.269706	-3.70774	0.793752	0.665653	-1.50228	0.0236406	66.4901	66.4901	2.45385	93.7705	33.9677	1
cg26192857	SLC25A23	0.110322	0.0122339	0.522209	-1.91494	0.658893	1.09688	1.09688	0.0740586	1.51342	1.51342	0.69793	0.922025	-1.08457	0.256977	0.781718	-1.27923	0.542759	1.13683	1.13683	0.189211	0.748635	-1.33576	0.734688	0.931645	-1.07337	0.312835	1.24272	1.24272	2.45384	1.68384	0.609959	1
cg14335767	ZHX1;ZHX1	0.110322	0.24952	1.16686	1.16686	0.544141	1.0819	1.0819	0.634266	0.940399	-1.06338	0.440488	0.904054	-1.10613	0.0728549	0.773706	-1.29248	0.0283062	0.717502	-1.39372	0.0581227	1.316	1.316	0.573991	1.07555	1.07555	0.528176	1.0854	1.0854	2.45384	0.638944	0.231454	1
cg23957372	TANC2	0.110323	0.113798	0.71501	-1.39858	0.216078	0.775824	-1.28895	0.120924	0.720422	-1.38807	0.839417	1.04035	1.04035	0.00653499	0.502097	-1.99165	0.247168	0.789836	-1.26609	0.621602	1.10187	1.10187	0.89881	0.975499	-1.02512	0.0988148	0.702658	-1.42317	2.45383	1.47744	0.535198	1
cg04157345	TGFBRAP1;TGFBRAP1	0.110329	0.00860093	0.203126	-4.92305	0.962582	0.977933	-1.02257	0.367264	0.643686	-1.55355	0.556172	1.32729	1.32729	0.016934	0.250194	-3.99689	0.325375	0.616908	-1.62099	0.591356	0.77276	-1.29406	0.81884	0.896621	-1.1153	0.231495	0.550489	-1.81657	2.45377	8.79251	3.18512	1
cg17882580	TNS3	0.11033	0.295075	0.711419	-1.40564	0.989142	0.995742	-1.00428	0.0587957	0.512076	-1.95284	0.48318	0.799748	-1.25039	0.00420449	0.30056	-3.32712	0.289423	0.708358	-1.41172	0.954283	0.982184	-1.01814	0.653383	1.15228	1.15228	0.792211	1.08631	1.08631	2.45376	3.82111	1.38422	1
cg23018400	RAD54L;RAD54L	0.11033	0.436889	0.930238	-1.07499	0.148554	1.15175	1.15175	0.200832	1.1311	1.1311	0.699305	0.965229	-1.03602	0.0450196	1.23335	1.23335	0.0248951	0.783955	-1.27558	0.466996	0.93474	-1.06982	0.557166	0.947304	-1.05563	0.549371	0.946263	-1.05679	2.45376	0.323085	0.11704	1
cg19305545	WDR8	0.110331	0.636354	0.905877	-1.1039	0.124913	0.708385	-1.41166	0.146602	0.723691	-1.38181	0.317308	0.8069	-1.23931	0.16928	0.73791	-1.35518	0.561808	1.12947	1.12947	0.0110362	0.515984	-1.93805	0.823745	0.954754	-1.04739	0.0253901	0.576078	-1.73588	2.45375	1.67416	0.606475	1
cg03877492	MEX3D	0.110332	0.395208	0.892296	-1.1207	0.0916775	1.27511	1.27511	0.0329692	1.38594	1.38594	0.233126	1.17776	1.17776	0.0303022	1.39552	1.39552	0.258852	1.16669	1.16669	0.224087	1.18192	1.18192	0.518247	0.917855	-1.0895	0.095133	1.27124	1.27124	2.45374	0.66559	0.241116	1
cg25113360	GRIK4	0.110333	0.0996068	0.573186	-1.74463	0.0338733	0.465874	-2.1465	0.386138	0.760364	-1.31516	0.34181	1.35261	1.35261	0.0296988	0.454239	-2.20148	0.16169	0.630771	-1.58536	0.783317	0.918508	-1.08872	0.255389	1.44217	1.44217	0.28873	0.712049	-1.4044	2.45373	3.69528	1.33865	1
cg20170809	TNXB	0.110333	0.0431585	0.588988	-1.69783	0.207453	1.35319	1.35319	0.890787	1.03175	1.03175	0.402771	0.822975	-1.2151	0.0469138	0.595972	-1.67793	0.304377	1.27383	1.27383	0.132862	1.44623	1.44623	0.179391	0.722889	-1.38334	0.53245	0.865997	-1.15474	2.45373	2.01199	0.728864	1
cg12099952	OXT	0.110335	0.0303829	12.1812	12.1812	0.0490424	9.09162	9.09162	0.132072	4.93646	4.93646	0.125852	5.08868	5.08868	0.939126	0.927718	-1.07791	0.167848	4.23733	4.23733	0.103133	5.76234	5.76234	0.0691826	7.36875	7.36875	0.0348324	11.2033	11.2033	2.45371	37.4996	13.5847	1
cg18022357	PARP1	0.110336	0.20855	0.75919	-1.31719	0.988952	0.997127	-1.00288	0.18207	0.745032	-1.34222	0.144563	1.38496	1.38496	0.00913639	0.502521	-1.98997	0.190236	1.33413	1.33413	0.542	0.87961	-1.13687	0.64439	0.907931	-1.10141	0.796948	0.947829	-1.05504	2.4537	1.67821	0.607954	1
cg06610204	DHRS7B	0.110338	0.0114208	0.482501	-2.07253	0.443727	0.835469	-1.19693	0.27939	1.29549	1.29549	0.910422	1.02625	1.02625	0.700469	1.09306	1.09306	0.262172	1.30885	1.30885	0.0378566	0.574468	-1.74074	0.782317	1.06584	1.06584	0.787651	0.93974	-1.06412	2.45368	2.05943	0.746065	1
cg04109382	SYS1-DBNDD2;TP53TG5	0.110339	0.885467	0.906949	-1.1026	0.137417	2.95693	2.95693	0.627633	1.39269	1.39269	0.0589115	4.24422	4.24422	0.931112	1.06034	1.06034	0.0839227	3.65475	3.65475	0.0320511	5.48457	5.48457	0.0315878	5.51842	5.51842	0.053648	4.41479	4.41479	2.45367	17.8452	6.46477	1
cg12602374	LIFR;LIFR	0.110341	0.535441	0.871068	-1.14802	0.350759	1.23521	1.23521	0.14644	1.40896	1.40896	0.971138	0.992074	-1.00799	0.182418	0.732537	-1.36512	0.369364	0.816464	-1.22479	0.00656718	0.460029	-2.17378	0.534719	0.87085	-1.1483	0.338969	0.805106	-1.24207	2.45366	1.87994	0.681049	1
cg24593324	VCAM1;VCAM1	0.110346	0.58489	1.15448	1.15448	0.105255	0.630703	-1.58553	0.032069	0.519995	-1.92309	0.456129	1.21854	1.21854	0.418309	0.806242	-1.24032	0.280894	1.33892	1.33892	0.47205	0.826555	-1.20984	0.412655	1.24373	1.24373	0.028805	0.511002	-1.95694	2.4536	2.63519	0.954674	1
cg12316865	P2RX5;P2RX5;P2RX5;P2RX5;P2RX5;P2RX5	0.110347	?	?	?	0.00847849	0.0994028	-10.0601	0.251105	2.27907	2.27907	0.58531	1.46012	1.46012	0.612533	1.42029	1.42029	?	?	?	0.411461	1.78058	1.78058	0.352708	0.518423	-1.92892	0.774759	0.821109	-1.21786	2.51016	14.5928	6.64402	1
cg00346244	ZCCHC14	0.110351	0.125537	0.647421	-1.54459	0.0227988	0.489422	-2.04323	0.180584	0.688779	-1.45184	0.714657	1.10108	1.10108	0.497289	0.834676	-1.19807	0.524348	1.18435	1.18435	0.0483912	1.80658	1.80658	0.555971	1.16904	1.16904	0.614321	1.14253	1.14253	2.45355	2.67219	0.968101	1
cg02953545	CLRN2;CLRN2	0.110353	0.0284562	0.477671	-2.09349	0.633642	1.14705	1.14705	0.105544	0.603363	-1.65738	0.0782606	0.571808	-1.74884	0.012977	0.414388	-2.4132	0.24889	0.708667	-1.4111	0.41154	0.786692	-1.27114	0.895323	1.03833	1.03833	0.458375	0.805939	-1.24079	2.45353	3.17242	1.14933	1
cg10437825	CPA6;CPA6	0.110355	0.0541138	0.432407	-2.31263	0.743438	1.13424	1.13424	0.0148737	0.31698	-3.15477	0.174943	0.575037	-1.73902	0.0358216	0.391926	-2.5515	0.0895793	0.487813	-2.04997	0.996	0.998079	-1.00192	0.894941	0.95059	-1.05198	0.665742	0.846458	-1.18139	2.45351	5.7159	2.07083	1
cg19326100	TMCO3	0.110356	0.554281	1.117	1.117	0.419297	0.858439	-1.1649	0.200044	0.778495	-1.28453	0.771813	0.947635	-1.05526	0.22888	0.791702	-1.2631	0.459826	1.14935	1.14935	0.00529506	1.97361	1.97361	0.77349	1.05483	1.05483	0.807968	0.955959	-1.04607	2.4535	1.32947	0.481659	1
cg19790752	MID1	0.110357	0.854848	1.10259	1.10259	0.0409082	0.284085	-3.52008	0.0521407	0.307853	-3.2483	0.449021	0.662688	-1.50901	0.0774118	0.351007	-2.84894	0.510022	1.42818	1.42818	0.0384633	0.27834	-3.59272	0.658705	1.26753	1.26753	0.107799	0.392229	-2.54953	2.4535	11.0526	4.00428	1
cg19296354	GNASAS;GNAS	0.11036	0.668818	0.932364	-1.07254	0.00751435	0.571272	-1.75048	0.697566	0.938424	-1.06562	0.906141	0.980987	-1.01938	0.568283	0.910416	-1.0984	0.520986	1.11168	1.11168	0.510827	1.11465	1.11465	0.0436257	1.45866	1.45866	0.90229	0.98021	-1.02019	2.45347	1.02913	0.372854	1
cg26068677	FAT3	0.110362	0.175563	0.625126	-1.59968	0.0212953	0.405455	-2.46637	0.0420582	0.465782	-2.14693	0.745231	0.899116	-1.1122	0.0182782	0.392879	-2.54532	0.267792	0.686251	-1.45719	0.235938	0.66691	-1.49945	0.863963	1.05753	1.05753	0.151691	0.605937	-1.65034	2.45344	4.1338	1.49769	1
cg26489176	WHSC1;WHSC1;WHSC1;WHSC1;WHSC1;WHSC1	0.110364	0.460087	0.809412	-1.23546	0.0596382	1.81773	1.81773	0.425744	1.25692	1.25692	0.795473	0.929572	-1.07576	0.498653	0.824392	-1.21302	0.200762	0.683925	-1.46215	0.67726	0.888986	-1.12488	0.00954778	2.51639	2.51639	0.689026	1.11974	1.11974	2.45342	3.07126	1.11274	1
cg08214328	CTPS2;CTPS2;CTPS2	0.110366	0.485803	1.106	1.106	0.76957	1.04267	1.04267	0.94183	1.01044	1.01044	0.909224	1.01636	1.01636	0.270092	0.849284	-1.17746	0.267174	1.17874	1.17874	0.0134285	1.54569	1.54569	0.0435873	1.39107	1.39107	0.0506399	1.37276	1.37276	2.45341	0.786324	0.284891	1
cg13606569	SVEP1	0.110366	0.226155	0.821578	-1.21717	0.462433	1.12263	1.12263	0.0122283	1.62044	1.62044	0.546773	0.910009	-1.09889	0.6745	0.93677	-1.0675	0.777855	0.957206	-1.04471	0.0341138	0.682249	-1.46574	0.849379	1.02984	1.02984	0.909159	1.01781	1.01781	2.4534	0.929138	0.336635	1
cg14504440	SLC44A1	0.110368	0.079551	0.323465	-3.09152	0.15606	2.41121	2.41121	0.958423	0.970216	-1.0307	0.445819	0.637158	-1.56947	0.0170758	0.185195	-5.3997	0.515491	1.46587	1.46587	0.0716864	0.311497	-3.21031	0.213127	0.467464	-2.1392	0.515663	0.682298	-1.46564	2.45338	13.0706	4.73562	1
cg06546033	BSG;BSG;BSG	0.110369	0.280414	0.71116	-1.40615	0.0877628	1.77269	1.77269	0.758037	1.09842	1.09842	0.156278	0.630821	-1.58523	0.163104	1.57186	1.57186	0.0332932	2.1293	2.1293	0.254764	0.696811	-1.43511	0.326127	1.3607	1.3607	0.197949	1.51193	1.51193	2.45338	3.58609	1.29928	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03730533	SKAP2	0.11037	0.422212	0.582871	-1.71565	0.231147	0.437364	-2.28642	0.987805	1.01011	1.01011	0.636556	1.36805	1.36805	0.0751721	0.271286	-3.68615	0.276536	0.474638	-2.10687	0.011622	0.125316	-7.97981	0.104367	3.21849	3.21849	0.553746	0.674088	-1.48349	2.45337	16.8445	6.10297	1
cg27133684	RAI1	0.110371	0.433768	0.866917	-1.15351	0.327848	0.834781	-1.19792	0.0584643	0.682321	-1.46559	0.68609	1.07535	1.07535	0.0583503	1.4659	1.4659	0.464504	1.14237	1.14237	0.0311874	1.57161	1.57161	0.504086	0.885843	-1.12887	0.579457	0.904759	-1.10527	2.45335	1.24216	0.450053	1
cg04844564	SALL1;SALL1	0.110372	0.450807	0.83792	-1.19343	0.00897131	0.465403	-2.14868	0.0386282	0.576208	-1.73549	0.483575	0.848861	-1.17805	0.522214	0.861331	-1.16099	0.213492	0.739716	-1.35187	0.914308	1.02508	1.02508	0.763911	1.07179	1.07179	0.222117	1.34356	1.34356	2.45335	2.05814	0.7457	1
cg18596689	CLPS	0.110374	0.0281762	0.552626	-1.80954	0.334133	0.796181	-1.256	0.081418	0.642782	-1.55574	0.655015	0.902216	-1.10838	0.30185	0.7829	-1.2773	0.232445	0.750873	-1.33178	0.0379167	1.73451	1.73451	0.343547	0.799906	-1.25015	0.847641	1.04499	1.04499	2.45333	2.03425	0.73705	1
cg01577700	GGT5;GGT5;GGT5	0.110375	0.054913	0.518334	-1.92926	0.362072	0.753669	-1.32684	0.288162	0.716855	-1.39498	0.123163	0.604013	-1.65559	0.0115811	0.385613	-2.59327	0.616726	0.858707	-1.16454	0.0668636	0.53785	-1.85926	0.0764761	0.551624	-1.81283	0.0638165	0.533157	-1.87562	2.45332	3.54077	1.28289	1
cg14415559	PFDN4	0.110376	0.89569	1.04461	1.04461	0.194902	0.633662	-1.57813	0.113671	0.563979	-1.77312	0.0925404	1.85149	1.85149	0.0387292	0.450895	-2.21781	0.378671	0.740416	-1.35059	0.646757	1.16595	1.16595	0.115342	1.76765	1.76765	0.268313	0.68136	-1.46765	2.45331	4.30227	1.55881	1
cg26680009	INTS7;DTL;DTL	0.110376	0.282807	0.61328	-1.63058	0.875148	0.933431	-1.07132	0.15633	1.94321	1.94321	0.010118	0.241362	-4.14316	0.119105	0.476608	-2.09816	0.0927723	0.444709	-2.24866	0.762625	1.14192	1.14192	0.755898	0.872301	-1.14639	0.670319	1.20637	1.20637	2.45331	7.45793	2.70217	1
cg06287140	BCL7A;BCL7A	0.110381	0.0627161	0.239555	-4.1744	0.204485	0.401072	-2.49332	0.594669	0.693205	-1.44258	0.288107	0.471186	-2.1223	0.0122672	0.119018	-8.40209	0.130614	0.328279	-3.04619	0.0255959	0.163721	-6.10793	0.121354	0.317909	-3.14556	0.142497	0.341075	-2.9319	2.45325	18.089	6.5542	1
cg12681402	RPH3A;RPH3A	0.110383	0.911992	0.96253	-1.03893	0.0255271	2.50095	2.50095	0.00955462	3.10698	3.10698	0.568962	0.819675	-1.22	0.6415	0.850467	-1.17582	0.583011	1.21108	1.21108	0.44537	0.764358	-1.30829	0.593173	0.830049	-1.20475	0.667374	1.16107	1.16107	2.45324	4.63583	1.67971	1
cg22311608	RIBC1;RIBC1;SMC1A	0.110385	0.410768	0.791544	-1.26335	0.586395	1.16496	1.16496	0.268361	1.3777	1.3777	0.0112183	0.413514	-2.4183	0.0765424	0.578367	-1.729	0.460295	0.811453	-1.23236	0.887741	0.961505	-1.04004	0.258225	1.38802	1.38802	0.357976	1.30047	1.30047	2.45322	3.00116	1.08743	1
cg03993687	CFDP1	0.110386	0.292458	0.86276	-1.15907	0.246813	1.17783	1.17783	0.460356	1.10693	1.10693	0.0364177	1.38916	1.38916	0.0140207	1.50681	1.50681	0.383428	0.886213	-1.1284	0.390692	1.12623	1.12623	0.700961	1.05354	1.05354	0.149422	1.23234	1.23234	2.45321	0.709745	0.257167	1
cg09221667	SMURF1;SMURF1	0.110386	0.145987	0.511754	-1.95406	0.0808836	0.435708	-2.29512	0.0440161	0.370362	-2.70006	0.856259	0.925128	-1.08093	0.00865525	0.237759	-4.20595	0.405998	0.694281	-1.44034	0.22306	0.577235	-1.7324	0.853645	1.08248	1.08248	0.119903	0.484728	-2.06301	2.45321	7.15751	2.59343	1
cg06672958	EFNA5	0.110387	0.251032	0.842801	-1.18652	0.209805	0.828218	-1.20741	0.0560954	0.734521	-1.36143	0.445865	0.895107	-1.11718	0.0104435	0.631456	-1.58364	0.121504	0.787105	-1.27048	0.0480858	0.724568	-1.38013	0.364342	0.875529	-1.14217	0.054105	0.732174	-1.3658	2.4532	0.790088	0.286279	1
cg27535885	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.110391	0.738803	1.12537	1.12537	0.00482136	3.74305	3.74305	0.107967	1.85716	1.85716	0.92073	1.03576	1.03576	0.0688607	2.05169	2.05169	0.512451	1.26425	1.26425	0.706899	1.14263	1.14263	0.529783	0.798777	-1.25191	0.831187	0.927418	-1.07826	2.45316	4.84037	1.75388	1
cg06996165	CYP19A1;CYP19A1	0.110397	0.836525	0.970462	-1.03044	0.0362126	0.702273	-1.42395	0.782895	0.960709	-1.0409	0.759804	1.04551	1.04551	0.020364	1.50042	1.50042	0.976761	1.00424	1.00424	0.450866	1.11794	1.11794	0.0711504	0.746385	-1.33979	0.685631	0.942654	-1.06083	2.4531	0.81818	0.29647	1
cg03277560	NR4A3;NR4A3;NR4A3	0.110398	0.0936599	2.53016	2.53016	0.186738	2.02323	2.02323	0.733834	1.1875	1.1875	0.321103	1.67558	1.67558	0.0652051	2.83573	2.83573	0.0879437	2.58108	2.58108	0.0075812	5.6367	5.6367	0.0861662	2.59778	2.59778	0.19948	1.97893	1.97893	2.4531	9.8498	3.56912	1
cg00046499	GPR149	0.110398	0.598444	0.821532	-1.21724	0.0900055	1.99616	1.99616	0.313066	1.47106	1.47106	0.214357	0.616584	-1.62184	0.79368	1.10181	1.10181	0.515317	0.783466	-1.27638	0.630134	0.835705	-1.19659	0.667957	0.852462	-1.17307	0.00736634	0.278729	-3.58771	2.45309	5.31618	1.92634	1
cg24270629	DCC	0.1104	0.0837339	0.343052	-2.91501	0.186391	0.457018	-2.1881	0.19207	0.462143	-2.16383	0.492903	0.677549	-1.47591	0.00919906	0.157477	-6.35012	0.0919832	0.354548	-2.8205	0.02548	0.226709	-4.41095	0.304844	0.552128	-1.81117	0.581901	0.73282	-1.36459	2.45307	12.1398	4.39895	1
cg27206345	VPS25	0.110401	0.431833	1.34023	1.34023	0.393012	0.726451	-1.37656	0.579785	0.815599	-1.22609	0.0137355	3.14902	3.14902	0.150698	1.76213	1.76213	?	?	?	0.0901691	0.501602	-1.99361	0.958926	0.981433	-1.01892	0.867251	1.06278	1.06278	2.62625	4.79275	1.59682	1
cg18633684	TXNRD1;TXNRD1;TXNRD1;EID3;TXNRD1;TXNRD1	0.110402	0.112346	3.60339	3.60339	0.746857	0.786498	-1.27146	0.277186	0.432547	-2.31189	0.295311	2.23625	2.23625	0.246217	0.406869	-2.4578	0.142112	0.31027	-3.22299	0.422299	0.544535	-1.83643	0.0410115	5.74689	5.74689	0.105917	3.70461	3.70461	2.45306	21.3637	7.74136	1
cg00599124	FBXO31;FBXO31	0.110403	0.106864	0.333077	-3.00231	0.0235507	5.41366	5.41366	0.183544	2.41378	2.41378	0.161415	0.392995	-2.54456	0.137353	0.368126	-2.71646	0.86621	0.90005	-1.11105	0.825678	1.1477	1.1477	0.887261	1.09263	1.09263	0.235424	0.459976	-2.17403	2.45304	15.1526	5.4907	1
cg11247103	LMOD1	0.110404	0.652954	0.941262	-1.0624	0.169449	0.822221	-1.21622	0.772177	1.03959	1.03959	0.00917333	0.642439	-1.55657	0.761051	1.04163	1.04163	0.395038	1.12355	1.12355	0.768284	0.961259	-1.0403	0.61272	0.934012	-1.07065	0.0618092	1.32484	1.32484	2.45304	0.69485	0.251788	1
cg26122980	AMPH;AMPH;AMPH;AMPH	0.110406	0.418213	0.834592	-1.19819	0.208452	0.748377	-1.33622	0.818674	0.951047	-1.05147	0.722396	1.08109	1.08109	0.0361247	0.587033	-1.70348	0.588052	0.887331	-1.12698	0.01419	0.516148	-1.93743	0.451171	1.1827	1.1827	0.185528	1.35914	1.35914	2.45302	1.85611	0.672589	1
cg05650171	PFDN2;NIT1	0.110407	0.0371829	0.292903	-3.4141	0.123211	0.428433	-2.33409	0.756774	0.854106	-1.17081	0.559146	0.740943	-1.34963	0.43056	0.664717	-1.5044	0.0658219	0.350711	-2.85135	0.0125634	0.206877	-4.83379	0.0488979	0.319324	-3.13161	0.220342	0.519911	-1.92341	2.45301	10.0101	3.62734	1
cg12550387	XYLT2	0.11041	0.0267048	0.540343	-1.85068	0.969615	1.00897	1.00897	0.0110913	0.473952	-2.10992	0.731842	0.922521	-1.08399	0.0468514	0.586564	-1.70484	0.113556	0.667856	-1.49733	0.773422	0.934562	-1.07002	0.487047	0.847424	-1.18005	0.396185	0.815702	-1.22594	2.45298	2.1354	0.773809	1
cg14237189	VAV2;VAV2	0.110413	0.14635	0.590185	-1.69438	0.836289	1.07249	1.07249	0.098874	0.542285	-1.84405	0.394183	0.744413	-1.34334	0.00376462	0.266476	-3.75268	0.497717	0.792295	-1.26216	0.978247	1.00926	1.00926	0.254104	0.668475	-1.49594	0.190907	0.626023	-1.59739	2.45295	4.44349	1.61021	1
cg14454397	CUL3;CUL3	0.110414	0.697141	0.941473	-1.06217	0.973113	0.994816	-1.00521	0.620719	0.925965	-1.07995	0.329018	1.16806	1.16806	0.39735	1.14298	1.14298	0.608918	1.08282	1.08282	0.00352965	0.543382	-1.84033	0.385837	0.87189	-1.14693	0.617398	1.08076	1.08076	2.45293	0.92381	0.334768	1
cg14774844	VAPB	0.110415	0.323838	0.698845	-1.43093	0.840922	0.931768	-1.07323	0.576046	0.819827	-1.21977	0.00510565	0.272187	-3.67395	0.0932339	0.522393	-1.91427	0.785218	1.10083	1.10083	0.550951	0.808829	-1.23636	0.260014	1.51161	1.51161	0.585322	1.2138	1.2138	2.45292	4.80424	1.74096	1
cg04515572	TSC2;TSC2;TSC2	0.110418	0.0321674	4.39828	4.39828	0.194112	2.25005	2.25005	0.608284	1.35683	1.35683	0.0919422	2.98964	2.98964	0.140026	2.55293	2.55293	0.231888	2.09623	2.09623	0.0338459	4.31675	4.31675	0.0373666	4.16263	4.16263	0.0412106	4.01573	4.01573	2.4529	13.5367	4.90548	1
cg24189917	MAD1L1;MAD1L1;MAD1L1	0.110418	0.187963	1.22059	1.22059	0.2937	1.16837	1.16837	0.906809	1.01687	1.01687	0.0684841	0.747232	-1.33827	0.0143385	0.649644	-1.5393	0.328744	1.1549	1.1549	0.385461	1.13555	1.13555	0.815911	1.03388	1.03388	0.5152	0.910032	-1.09886	2.45289	0.792939	0.287348	1
cg07684310	FUK	0.110419	0.723549	1.19704	1.19704	0.0182698	0.23441	-4.26604	0.00781438	0.177447	-5.63548	0.614703	0.773343	-1.29309	0.301492	0.581516	-1.71964	0.840824	1.1072	1.1072	0.56212	0.74318	-1.34557	0.902696	0.939941	-1.0639	0.217369	0.518289	-1.92943	2.45289	9.96276	3.61034	1
cg13344867	NFE2L2;NFE2L2;NFE2L2	0.110419	0.944359	1.02074	1.02074	0.0214683	2.25364	2.25364	0.307574	1.3643	1.3643	0.712771	1.11489	1.11489	0.594988	1.17095	1.17095	0.958231	0.984714	-1.01552	0.216818	1.46553	1.46553	0.00861295	2.67869	2.67869	0.0831486	1.75807	1.75807	2.45289	3.36061	1.21783	1
cg13423076	CXXC1;CXXC1;CXXC1;CXXC1	0.110422	?	?	?	0.508868	0.639118	-1.56466	0.0241417	0.0793811	-12.5975	?	?	?	?	?	?	?	?	?	?	?	?	0.820843	0.862543	-1.15936	0.154532	0.321778	-3.10773	4.93097	11.7702	1.79024	1
cg05600688	LUZP6;MTPN	0.110426	0.443326	0.739551	-1.35217	0.0145707	0.313026	-3.19462	0.0588524	0.438803	-2.27893	0.715667	0.868301	-1.15167	0.534116	0.784217	-1.27516	0.0731167	0.462297	-2.16311	0.186116	0.582095	-1.71793	0.169783	1.7586	1.7586	0.251184	0.629517	-1.58852	2.45282	5.78881	2.09783	1
cg03650154	ZNF480	0.110427	0.0408273	0.60876	-1.64268	0.0588994	1.56593	1.56593	0.658169	0.910639	-1.09813	0.13752	0.714455	-1.39967	0.220368	0.762706	-1.31112	0.479127	0.859631	-1.16329	0.0675048	0.650088	-1.53825	0.699728	1.08489	1.08489	0.411713	1.19298	1.19298	2.45281	1.71687	0.622186	1
cg10815343	HSPA7	0.110431	0.198603	1.88914	1.88914	0.175234	1.96407	1.96407	0.184165	1.9341	1.9341	0.309745	1.63588	1.63588	0.187837	1.92228	1.92228	0.838895	1.10001	1.10001	0.0103479	4.53739	4.53739	0.0251719	3.47895	3.47895	0.0627751	2.6654	2.6654	2.45277	8.51708	3.08661	1
cg08860498	CNTNAP1	0.110432	0.181761	2.1445	2.1445	0.0132861	5.21361	5.21361	0.0171405	4.77601	4.77601	0.0827861	2.81217	2.81217	0.505319	1.43879	1.43879	0.965133	0.976748	-1.02381	0.58951	1.34068	1.34068	0.119057	2.48563	2.48563	0.250695	1.90788	1.90788	2.45276	11.2529	4.0781	1
cg15697646	NDUFAF3;DALRD3;MIR425;NDUFAF3;NDUFAF3;NDUFAF3	0.110434	0.250771	0.619161	-1.61509	0.617978	1.22245	1.22245	0.347641	0.679565	-1.47153	0.175865	1.77704	1.77704	0.212495	0.591809	-1.68973	0.996358	1.00183	1.00183	0.575487	1.25359	1.25359	0.0356535	2.65596	2.65596	0.035486	0.376072	-2.65907	2.45274	6.19924	2.24665	1
cg17280299	CCNI2	0.110436	0.123598	2.79665	2.79665	0.380504	1.74138	1.74138	0.762614	1.20538	1.20538	0.402491	1.69606	1.69606	0.10052	3.03234	3.03234	0.0946503	3.10409	3.10409	0.00832044	8.00263	8.00263	0.0689164	3.50845	3.50845	0.0624329	3.64407	3.64407	2.45272	14.7697	5.35267	1
cg10328279	TAS2R60	0.110437	0.0638013	0.710891	-1.40669	0.987532	1.00256	1.00256	0.321046	0.845433	-1.18283	0.0833915	0.730614	-1.36871	0.101739	0.745731	-1.34097	0.405501	0.869897	-1.14956	0.0530699	1.4333	1.4333	0.433626	1.1398	1.1398	0.344708	1.1728	1.1728	2.45271	1.04188	0.37759	1
cg23823908	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.110439	0.0268198	4.06695	4.06695	0.069286	2.96537	2.96537	0.0410218	3.52973	3.52973	0.139441	2.34126	2.34126	0.878636	1.08516	1.08516	0.485243	1.46129	1.46129	0.43255	1.53481	1.53481	0.0435061	3.46144	3.46144	0.0442733	3.4414	3.4414	2.4527	11.1133	4.0276	1
cg00409260	JRK;JRK	0.11044	0.104532	0.453915	-2.20306	0.0753801	2.41391	2.41391	0.0569725	2.60869	2.60869	0.35413	1.52863	1.52863	0.781174	0.883412	-1.13197	0.757095	0.871005	-1.1481	0.116453	0.467973	-2.13688	0.112115	0.462972	-2.15996	0.944153	0.969296	-1.03168	2.45268	7.69744	2.78967	1
cg22450146	MIR636;SFRS2;MFSD11	0.110443	0.489737	0.863096	-1.15862	0.196979	1.33138	1.33138	0.286198	1.26163	1.26163	0.0510286	0.627296	-1.59414	0.507748	1.15143	1.15143	0.505481	0.867814	-1.15232	0.0161943	0.539463	-1.8537	0.724985	1.07693	1.07693	0.404667	1.19592	1.19592	2.45265	1.71031	0.619851	1
cg20801110	ULK3	0.110443	0.100062	0.44037	-2.27082	0.169407	0.513628	-1.94693	0.997176	1.00161	1.00161	0.297211	1.63539	1.63539	0.0203797	0.280178	-3.56917	0.58507	0.778068	-1.28523	0.0224378	0.28802	-3.47198	0.824194	1.10657	1.10657	0.333068	0.6348	-1.5753	2.45265	8.04674	2.9163	1
cg04726800	ACAD9	0.110444	0.226405	0.708256	-1.41192	0.0240158	0.481373	-2.07739	0.14735	0.655571	-1.52539	0.225241	0.707582	-1.41326	0.217855	0.703248	-1.42197	0.218175	0.703438	-1.42159	0.0201701	0.467216	-2.14034	0.0523347	0.549196	-1.82084	0.579901	1.16398	1.16398	2.45264	2.86496	1.03832	1
cg05687686	MIR1258;ZNF385B	0.110444	0.135716	0.400158	-2.49901	0.598597	1.35336	1.35336	0.81565	0.875437	-1.14229	0.341	0.571821	-1.7488	0.193783	0.456942	-2.18846	0.362274	0.586606	-1.70472	0.204656	0.466546	-2.14341	0.0104269	6.27758	6.27758	0.721277	1.22636	1.22636	2.45264	12.604	4.56794	1
cg24629380	VANGL1	0.110445	0.825031	0.944667	-1.05857	0.976282	1.00767	1.00767	0.253191	0.735797	-1.35907	0.658745	1.12105	1.12105	0.00933034	0.428381	-2.33437	0.994442	1.00179	1.00179	0.0343443	1.88628	1.88628	0.751254	1.08519	1.08519	0.892456	1.03539	1.03539	2.45263	2.56732	0.930454	1
cg17925329	BRF1;BRF1	0.110445	0.0259026	2.20247	2.20247	0.0294588	2.15018	2.15018	0.23382	0.688905	-1.45158	0.663498	0.877479	-1.13963	0.958584	1.01563	1.01563	0.44768	0.793707	-1.25991	0.0718901	1.8219	1.8219	0.5997	1.1713	1.1713	0.525551	1.21174	1.21174	2.45263	3.46246	1.25487	1
cg10494703	WWC2	0.110447	0.84576	1.04813	1.04813	0.566048	0.869342	-1.1503	0.0402821	0.564472	-1.77157	0.178195	1.4124	1.4124	0.0451828	0.574273	-1.74133	0.411984	0.816713	-1.22442	0.239909	1.34583	1.34583	0.140428	1.46636	1.46636	0.331553	0.785212	-1.27354	2.45261	2.26295	0.820152	1
cg20932721	MUC5B	0.110448	0.0527294	0.148187	-6.74825	0.616367	0.645344	-1.54956	0.42469	0.493181	-2.02765	0.166241	0.278052	-3.59645	0.049234	0.142814	-7.00209	0.0823262	0.188496	-5.30515	0.0260924	0.101362	-9.86559	0.0290458	0.107433	-9.3081	0.135864	0.248205	-4.02893	2.4526	29.2014	10.5833	1
cg25681618	PAIP2B	0.110455	0.164435	0.766553	-1.30454	0.205681	1.27032	1.27032	0.0204363	1.64987	1.64987	0.53265	0.892913	-1.11993	0.140472	1.32869	1.32869	0.132023	0.747258	-1.33823	0.830972	1.03905	1.03905	0.272113	0.814749	-1.22737	0.81197	1.04364	1.04364	2.45253	1.24763	0.452189	1
cg24980893	CAV1	0.110456	0.881856	0.945309	-1.05786	0.126656	0.53533	-1.86801	?	?	?	0.735132	1.13703	1.13703	0.120975	0.529426	-1.88884	0.0819478	0.48241	-2.07293	?	?	?	0.0136804	0.315618	-3.16839	0.829722	1.08486	1.08486	2.50903	4.42079	2.01366	1
cg24886439	RPS6KA2	0.110456	0.712598	0.894564	-1.11786	0.0411986	2.03252	2.03252	0.943493	0.978879	-1.02158	0.322739	1.36015	1.36015	0.0643582	0.534818	-1.8698	0.0511377	0.512292	-1.95201	0.330681	0.739143	-1.35292	0.565629	1.19111	1.19111	0.194119	0.661199	-1.5124	2.45253	3.52245	1.27667	1
cg17330838	SLC43A1	0.110457	0.0522468	3.38345	3.38345	0.184734	0.459949	-2.17416	0.0689753	3.07572	3.07572	0.0489791	3.45919	3.45919	0.697014	1.24113	1.24113	0.572231	0.72973	-1.37037	0.310675	1.78448	1.78448	0.384798	1.6355	1.6355	0.0542833	3.33938	3.33938	2.45252	11.8394	4.29107	1
cg07424377	MGAT4C	0.110458	0.423857	1.21004	1.21004	0.0274837	1.83793	1.83793	0.254054	1.32049	1.32049	0.160493	1.41899	1.41899	0.0190254	1.93994	1.93994	0.606586	1.1289	1.1289	0.0773306	1.58148	1.58148	0.085557	1.5583	1.5583	0.0443759	1.71428	1.71428	2.4525	2.11624	0.767012	1
cg26799559	CHST1	0.110459	0.335067	0.85921	-1.16386	0.538744	0.90937	-1.09966	0.060799	0.724246	-1.38075	0.0994732	0.759098	-1.31735	0.0535951	1.39736	1.39736	0.258114	1.19736	1.19736	0.139244	1.27495	1.27495	0.529867	0.907426	-1.10202	0.429815	0.884249	-1.1309	2.4525	0.905021	0.328018	1
cg02431866	SGCZ	0.110459	0.0140445	0.548454	-1.82331	0.255378	1.26517	1.26517	0.0943301	0.694687	-1.4395	0.864488	0.966731	-1.03441	0.571496	0.892914	-1.11993	0.179029	0.753705	-1.32678	0.611495	0.903513	-1.10679	0.996135	0.999041	-1.00096	0.0308872	0.605287	-1.65211	2.45249	1.52399	0.552359	1
cg12776171	GPRC5C;GPRC5C	0.110462	0.0669376	0.332067	-3.01144	0.539156	1.39618	1.39618	0.719243	1.21381	1.21381	0.174599	0.460648	-2.17085	0.0448146	0.290473	-3.44266	0.203028	0.486109	-2.05715	0.092435	0.370066	-2.70222	0.0325142	0.260968	-3.83188	0.0859437	0.361094	-2.76936	2.45247	11.1918	4.05645	1
cg14858469	NR2F2;NR2F2	0.110462	0.629557	1.07869	1.07869	0.0309801	0.673879	-1.48395	0.137106	0.779148	-1.28345	0.752623	1.05051	1.05051	0.795485	0.960329	-1.04131	0.893116	0.979268	-1.02117	0.00659467	0.577109	-1.73277	0.446335	0.88606	-1.12859	0.705755	0.9426	-1.06089	2.45247	0.943334	0.341909	1
cg26776844	MYO9B;MYO9B	0.110464	0.496351	1.14133	1.14133	0.397763	0.847287	-1.18024	0.0151429	1.7703	1.7703	0.5239	1.13159	1.13159	0.515428	1.13454	1.13454	0.59033	1.10962	1.10962	0.117492	1.38459	1.38459	0.0440918	0.642287	-1.55694	0.926125	0.982407	-1.01791	2.45245	1.42282	0.515698	1
cg02332117	S100A2	0.110467	0.130041	0.451084	-2.21688	0.00834513	0.193782	-5.16044	0.0722629	0.376601	-2.65533	0.363004	0.634367	-1.57637	0.0849912	0.395663	-2.52741	0.0966999	0.411596	-2.42957	0.0767189	0.383512	-2.60748	0.136419	0.45789	-2.18393	0.38661	0.649177	-1.54041	2.45242	9.2049	3.33636	1
cg04490037	DDC	0.110469	0.0434912	0.505697	-1.97747	0.805216	0.930009	-1.07526	0.0219667	0.446161	-2.24134	0.109246	0.59877	-1.67009	0.0368663	0.490672	-2.03802	0.175327	0.654907	-1.52694	0.130842	0.619342	-1.61462	0.578594	1.17913	1.17913	0.289693	0.724163	-1.3809	2.4524	3.34982	1.21417	1
cg06399419	C21orf90;C21orf29;C21orf90	0.110479	0.360108	1.38784	1.38784	0.0727556	0.497922	-2.00835	0.877622	0.947738	-1.05514	0.0572089	0.472635	-2.1158	0.0375893	0.431578	-2.31708	0.967226	0.985789	-1.01442	0.0316085	0.415656	-2.40583	0.172587	0.603104	-1.65809	0.89357	1.04773	1.04773	2.4523	4.71286	1.70828	1
cg00138451	NUP88	0.11048	0.786758	0.941051	-1.06264	0.0132887	0.502866	-1.9886	0.0171189	0.52145	-1.91773	0.762249	0.934272	-1.07035	0.260501	0.768762	-1.30079	0.33809	0.801497	-1.24767	0.431858	0.835479	-1.19692	0.224764	1.33071	1.33071	0.690661	0.914269	-1.09377	2.45229	1.95002	0.706829	1
cg27161702	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.110481	0.510181	1.21608	1.21608	0.100305	0.590212	-1.69431	0.38696	1.29656	1.29656	0.0270224	2.15276	2.15276	0.0696447	0.551989	-1.81163	0.376067	1.30478	1.30478	0.290487	0.725224	-1.37888	0.959526	1.01497	1.01497	0.276266	1.39329	1.39329	2.45228	3.3311	1.20744	1
cg20532887	TIMP2	0.110483	0.686325	0.924967	-1.08112	0.222782	0.781825	-1.27906	0.869541	1.03208	1.03208	0.0451359	1.55519	1.55519	0.0160255	1.76183	1.76183	0.204166	0.773028	-1.29361	0.249781	1.25995	1.25995	0.602756	1.10614	1.10614	0.415572	1.17335	1.17335	2.45226	1.43345	0.519595	1
cg12870830	C1QTNF5;MFRP	0.110483	0.0529802	0.382413	-2.61497	0.158801	0.517703	-1.93161	0.121149	0.479688	-2.08469	0.0683217	0.40978	-2.44034	0.0216376	0.299568	-3.33814	0.158681	0.517592	-1.93202	0.0989496	0.453512	-2.20501	0.0374367	0.348004	-2.87353	0.126417	0.485425	-2.06005	2.45226	7.42062	2.68981	1
cg12517323	COL1A2	0.110484	0.0167087	0.604211	-1.65505	0.089041	0.723657	-1.38187	0.167899	0.776101	-1.28849	0.774966	0.951768	-1.05068	0.259764	1.22476	1.22476	0.433887	0.871346	-1.14765	0.0980882	1.36744	1.36744	0.73531	0.943159	-1.06027	0.821311	1.03979	1.03979	2.45225	1.15519	0.418731	1
cg13644645	MRPL14	0.110484	0.631377	1.23536	1.23536	0.29914	0.624684	-1.60081	0.116426	0.474305	-2.10835	0.804566	1.11449	1.11449	0.166337	0.524512	-1.90653	0.665823	0.826971	-1.20923	0.687436	0.837912	-1.19344	0.0148016	3.71041	3.71041	0.123784	2.07263	2.07263	2.45225	7.42477	2.69132	1
cg17287767	STAT4	0.110491	0.676891	0.827594	-1.20832	0.014768	3.87578	3.87578	0.44268	1.42397	1.42397	0.087897	0.427197	-2.34084	0.210549	0.551149	-1.81439	0.122595	0.469787	-2.12862	0.346264	0.645339	-1.54957	0.638142	0.807427	-1.2385	0.842472	1.09401	1.09401	2.45218	7.91892	2.87052	1
cg08177625	SLC26A10	0.110492	0.49559	0.885405	-1.12943	0.0393441	1.52094	1.52094	0.219989	1.25465	1.25465	0.502138	1.12729	1.12729	0.041102	1.51369	1.51369	0.0903601	1.38855	1.38855	0.0209345	1.63026	1.63026	0.386489	1.169	1.169	0.868361	0.971244	-1.02961	2.45217	1.20164	0.435582	1
cg18410885	MRPL54;APBA3	0.110496	0.415034	1.08806	1.08806	0.554225	1.06248	1.06248	0.816208	1.02387	1.02387	0.708094	0.962614	-1.03884	0.394086	1.09246	1.09246	0.0772508	0.819552	-1.22018	0.0440286	1.26418	1.26418	0.625548	1.05108	1.05108	0.0139555	1.36016	1.36016	2.45214	0.398558	0.144476	1
cg20005923	LOC283999	0.110497	0.0625753	4.37386	4.37386	0.790872	1.2058	1.2058	0.799312	1.19648	1.19648	0.0928021	3.67751	3.67751	0.0500527	4.8227	4.8227	0.12067	3.27126	3.27126	0.0416158	5.22811	5.22811	0.0486626	4.88245	4.88245	0.0454206	5.03186	5.03186	2.45213	19.2554	6.98003	1
cg06200514	NLRP14	0.110497	0.171196	1.58879	1.58879	0.00841037	2.91405	2.91405	0.100043	1.77295	1.77295	0.908806	0.964243	-1.03708	0.181196	1.57001	1.57001	0.127463	1.68832	1.68832	0.146425	1.64109	1.64109	0.184653	1.56378	1.56378	0.467331	0.790557	-1.26493	2.45212	3.92158	1.42156	1
cg03179422	ERICH1	0.110497	0.0244349	0.190223	-5.25698	0.482613	0.642956	-1.55532	0.160288	0.395156	-2.53065	0.697608	0.785311	-1.27338	0.0118902	0.143231	-6.98172	0.282159	0.500697	-1.99722	0.0798178	0.300232	-3.33076	0.595435	0.717705	-1.39333	0.0600734	0.269057	-3.71669	2.45212	14.8783	5.39335	1
cg14236430	C10orf11	0.110498	0.0646588	0.530887	-1.88364	0.464639	1.25492	1.25492	0.192851	0.656722	-1.52272	0.16228	0.6343	-1.57654	0.103219	0.580527	-1.72257	0.0954334	0.57183	-1.74877	0.0153105	0.403182	-2.48027	0.595723	0.849268	-1.17748	0.079951	0.552775	-1.80905	2.45212	3.61548	1.3106	1
cg20074142	PRTG	0.110499	0.347913	1.41713	1.41713	0.890889	1.05076	1.05076	0.698366	0.86894	-1.15083	0.543849	1.24812	1.24812	0.87642	1.05775	1.05775	0.118539	0.542651	-1.8428	0.00503266	0.262257	-3.81305	0.329165	1.43807	1.43807	0.839735	0.929557	-1.07578	2.4521	5.054	1.83208	1
cg01170196	C4orf31	0.110502	0.0260648	0.315977	-3.16479	0.738693	0.864107	-1.15726	0.0319945	0.334138	-2.99277	0.565256	0.77599	-1.28868	0.140592	0.500794	-1.99683	0.246528	0.589378	-1.6967	0.351353	0.658062	-1.51961	0.135009	2.0197	2.0197	0.117898	0.47674	-2.09758	2.45208	7.39181	2.67956	1
cg01636873	CARKD	0.110503	0.699164	0.764534	-1.30799	0.215372	2.46358	2.46358	0.684637	0.754035	-1.3262	0.353514	0.516842	-1.93483	0.389967	0.543854	-1.83873	0.557652	0.66366	-1.5068	0.00465849	0.0741432	-13.4874	0.366783	1.89846	1.89846	0.228867	0.417658	-2.3943	2.45207	18.5645	6.72974	1
cg20779414	STAT6	0.110506	0.458963	0.765208	-1.30683	0.0331693	0.413238	-2.41991	0.05795	0.46735	-2.13973	0.115751	0.545122	-1.83445	0.119943	1.81976	1.81976	0.327294	0.69846	-1.43172	0.053964	0.460064	-2.17361	0.290584	0.677574	-1.47585	0.743643	0.890065	-1.12351	2.45204	4.89113	1.77308	1
cg08221175	ACTN1;ACTN1;ACTN1	0.110506	0.981798	0.995441	-1.00458	0.323819	0.815392	-1.2264	0.762232	0.941036	-1.06266	0.393701	0.839474	-1.19122	0.0272455	0.592543	-1.68764	0.0604122	1.52822	1.52822	0.749696	1.06621	1.06621	0.125325	1.39412	1.39412	0.132087	1.38475	1.38475	2.45203	1.55776	0.564705	1
cg23858040	CUGBP2;CUGBP2	0.110507	?	?	?	0.14458	3.24549	3.24549	?	?	?	0.0849661	0.235327	-4.2494	0.449851	0.567016	-1.76362	?	?	?	?	?	?	0.102635	0.258967	-3.8615	?	?	?	3.00921	10.8048	5.38585	1
cg06405222	TLR2	0.11051	0.016929	9.06165	9.06165	0.132304	3.41757	3.41757	0.296311	2.26898	2.26898	0.142876	3.29192	3.29192	0.571308	0.648651	-1.54166	0.389461	1.94891	1.94891	0.947857	0.95172	-1.05073	0.0191481	8.54129	8.54129	0.1364	3.36726	3.36726	2.452	22.2312	8.05916	1
cg02883147	LOC144571	0.11051	0.557171	1.36936	1.36936	0.0207993	4.3633	4.3633	0.955022	0.970579	-1.03031	0.520383	1.41192	1.41192	0.50313	0.697841	-1.43299	0.430983	0.653406	-1.53044	0.217491	1.98756	1.98756	0.0236893	4.17809	4.17809	0.0710492	2.90859	2.90859	2.45199	10.8855	3.94618	1
cg01477133	FAM83C	0.110511	0.0458482	0.300488	-3.32792	0.0528031	0.314654	-3.1781	0.0613331	0.330416	-3.02649	0.278316	0.553128	-1.8079	0.0756758	0.353938	-2.82535	0.121878	0.414444	-2.41287	0.0424905	0.293124	-3.41152	0.0349758	0.275072	-3.63541	0.445374	0.664546	-1.50479	2.45198	10.7158	3.88465	1
cg21758773	HLA-E	0.110512	0.540167	0.79374	-1.25986	0.638375	1.19283	1.19283	0.0597489	0.453246	-2.20631	0.799542	0.90957	-1.09942	0.00976983	0.296099	-3.37724	0.92036	0.963434	-1.03795	0.434337	1.346	1.346	0.0486706	0.432243	-2.31351	0.355409	0.701802	-1.4249	2.45198	5.38809	1.95329	1
cg08768048	RSPO2	0.110513	0.398593	0.739263	-1.3527	0.117039	0.551472	-1.81333	0.0202688	0.37592	-2.66014	0.317043	0.696592	-1.43556	0.460623	0.769068	-1.30028	0.018978	0.370491	-2.69912	0.034102	0.421301	-2.3736	0.646069	0.850753	-1.17543	0.104072	0.537296	-1.86117	2.45197	4.74506	1.72018	1
cg22312910	CDC42EP2;CDC42EP2	0.110513	0.278789	0.815671	-1.22598	0.769706	0.948272	-1.05455	0.0325018	1.57276	1.57276	0.0792439	0.702908	-1.42266	0.99191	0.998167	-1.00184	0.119793	0.736848	-1.35713	0.746805	0.943074	-1.06036	0.252969	1.24114	1.24114	0.118967	1.35822	1.35822	2.45197	1.27123	0.460849	1
cg20318829	SGIP1	0.110514	0.226839	1.33562	1.33562	0.0127068	2.02645	2.02645	0.138235	1.4391	1.4391	0.911173	0.974869	-1.02578	0.406965	0.824092	-1.21346	0.297867	0.781824	-1.27906	0.938773	1.01768	1.01768	0.0443866	1.6932	1.6932	0.615126	1.12257	1.12257	2.45196	2.02003	0.732304	1
cg02062418	CCDC154	0.110516	0.33086	0.855181	-1.16934	0.571342	0.914666	-1.09329	0.226373	0.820319	-1.21904	0.90082	1.01963	1.01963	0.586314	1.08945	1.08945	0.017687	0.637711	-1.56811	0.0241603	0.657592	-1.5207	0.0362426	0.684088	-1.4618	0.496434	0.897924	-1.11368	2.45194	0.944108	0.342263	1
cg20427144	FBXL18	0.110518	0.257084	0.60987	-1.63969	0.0422733	2.6592	2.6592	0.0553578	2.47939	2.47939	0.291338	0.632689	-1.58055	0.0446225	0.381372	-2.62211	0.971368	0.985106	-1.01512	0.692053	1.18109	1.18109	0.787922	0.893393	-1.11933	0.564677	0.78395	-1.27559	2.45192	6.78775	2.46075	1
cg04717373	RPF2	0.110519	0.370097	0.757631	-1.3199	0.0420907	0.493497	-2.02635	0.021991	0.436697	-2.28992	0.276111	0.710611	-1.40724	0.0171042	0.41625	-2.4024	0.920996	1.03037	1.03037	0.843466	0.942125	-1.06143	0.877674	1.04754	1.04754	0.151852	0.629412	-1.58878	2.45191	3.53126	1.28019	1
cg01949993	LAMC2;LAMC2	0.11052	0.0753576	13.9896	13.9896	0.219974	5.57712	5.57712	0.336312	3.74751	3.74751	0.385669	3.27109	3.27109	0.327408	3.84668	3.84668	0.256636	4.84421	4.84421	0.0140323	56.9184	56.9184	0.0201488	41.8787	41.8787	0.0491351	19.9421	19.9421	2.4519	68.9574	24.9992	1
cg07731304	TNFRSF8	0.110521	0.0188455	6.85889	6.85889	0.81003	0.849594	-1.17703	0.855709	1.13111	1.13111	0.814945	0.853265	-1.17197	0.372999	0.538484	-1.85707	0.29435	2.08783	2.08783	0.996626	1.00287	1.00287	0.0147585	7.62076	7.62076	0.155076	2.80069	2.80069	2.45189	17.7887	6.449	1
cg15816080	TPST1	0.110524	0.986154	1.01387	1.01387	0.0215042	8.95522	8.95522	0.00927213	13.7485	13.7485	0.679759	0.719278	-1.39028	0.964542	0.965326	-1.03592	0.299584	0.425961	-2.34763	0.787254	1.23953	1.23953	0.920216	0.923548	-1.08278	0.908142	1.09596	1.09596	2.45186	24.4707	8.87153	1
cg16770546	CHCHD3	0.110529	0.0767813	0.26366	-3.79276	0.560741	1.48948	1.48948	0.774148	1.21516	1.21516	0.990567	1.00804	1.00804	0.00675474	0.0927026	-10.7872	0.78425	0.830368	-1.20429	0.20419	0.403497	-2.47833	0.927322	0.940076	-1.06374	0.0741246	0.259763	-3.84967	2.45181	17.8146	6.45859	1
cg07758904	SLC46A2	0.11053	0.066163	4.13899	4.13899	0.0291574	5.88069	5.88069	0.563967	1.49482	1.49482	0.21037	2.48356	2.48356	0.246616	0.433862	-2.30488	0.242577	0.430473	-2.32302	0.777019	1.21615	1.21615	0.687761	1.32108	1.32108	0.0447986	4.8912	4.8912	2.4518	18.4452	6.68723	1
cg08326996	DNMT1;DNMT1	0.11053	0.0979646	0.771506	-1.29617	0.845117	1.02834	1.02834	0.535165	1.0939	1.0939	0.215356	0.829977	-1.20485	0.182153	0.816806	-1.22428	0.11419	0.782276	-1.27832	0.825885	0.969007	-1.03198	0.128303	1.26481	1.26481	0.0395738	1.40516	1.40516	2.4518	0.792958	0.287484	1
cg05874233	KIF13A;KIF13A;KIF13A;KIF13A	0.11053	0.843486	1.09963	1.09963	0.00632989	5.51776	5.51776	0.249806	1.78218	1.78218	0.813368	1.12033	1.12033	0.883922	0.932217	-1.07271	0.404907	1.50597	1.50597	0.739656	1.17378	1.17378	0.0170578	4.04411	4.04411	0.42289	1.48185	1.48185	2.4518	8.9635	3.24968	1
cg27573344	RCVRN;RCVRN	0.110531	0.234131	1.45982	1.45982	0.242189	0.689858	-1.44957	0.114687	0.594315	-1.68261	0.650136	1.14855	1.14855	0.650666	1.14829	1.14829	0.440055	1.26977	1.26977	0.0446752	2.012	2.012	0.0864396	1.7762	1.7762	0.108829	0.588345	-1.69968	2.45179	3.57239	1.29515	1
cg00710466	TSSC1	0.110534	0.0526097	0.212454	-4.70691	0.922858	0.934176	-1.07046	0.850901	1.14143	1.14143	0.697531	0.759903	-1.31596	0.011972	0.110357	-9.06154	0.131279	0.318112	-3.14355	0.181717	0.369138	-2.70901	0.0664575	0.235294	-4.24999	0.0779484	0.252338	-3.96294	2.45176	19.1901	6.95739	1
cg08326861	ANXA13;ANXA13	0.110537	0.0430073	0.492534	-2.03032	0.192513	0.657385	-1.52118	0.0394611	0.48459	-2.0636	0.975733	1.00929	1.00929	0.304757	0.723813	-1.38157	0.0502574	0.50724	-1.97145	0.404436	1.29621	1.29621	0.967892	0.987833	-1.01232	0.0438711	0.494388	-2.0227	2.45173	3.59149	1.30211	1
cg17990871	SLC35E2	0.110537	0.820342	1.05	1.05	0.0380416	0.597027	-1.67497	0.115754	0.693027	-1.44295	0.271397	1.27836	1.27836	0.109705	0.687978	-1.45354	0.917875	0.978122	-1.02237	0.0163594	0.532877	-1.8766	0.295812	0.792537	-1.26177	0.410856	0.834962	-1.19766	2.45173	1.78624	0.647613	1
cg04986591	MEOX1;MEOX1;MEOX1	0.110538	0.0321721	0.656833	-1.52246	0.148352	1.29656	1.29656	0.220187	0.805784	-1.24103	0.18155	0.788538	-1.26817	0.30673	0.837564	-1.19394	0.930048	1.01482	1.01482	0.381937	1.16208	1.16208	0.0371129	0.666695	-1.49994	0.236907	0.812546	-1.2307	2.45172	1.08961	0.395047	1
cg06629734	GLP1R	0.110539	0.0461737	0.330209	-3.02838	0.00821822	0.194004	-5.15454	0.118315	0.439349	-2.27609	0.656945	0.805088	-1.2421	0.339371	0.620258	-1.61223	0.161975	0.484689	-2.06318	0.350111	0.627205	-1.59437	0.284588	0.583256	-1.71451	0.040098	0.316469	-3.15987	2.45171	9.13451	3.31179	1
cg07222721	PRKCZ;PRKCZ;PRKCZ	0.11054	0.691825	0.77517	-1.29004	0.0464647	4.2966	4.2966	0.495675	1.55615	1.55615	0.854929	0.889592	-1.12411	0.0138271	0.143018	-6.99213	0.361715	0.549187	-1.82087	0.143002	0.365585	-2.73534	0.859351	1.12006	1.12006	0.326105	0.523035	-1.91192	2.4517	15.8663	5.75249	1
cg01815912	NTHL1	0.110546	0.492336	1.27838	1.27838	0.121645	0.553785	-1.80576	0.0277793	0.400121	-2.49925	0.891777	0.953188	-1.04911	0.884952	0.950287	-1.05231	0.480585	1.28727	1.28727	0.0984987	1.89293	1.89293	0.934457	0.971448	-1.02939	0.0541125	2.1595	2.1595	2.45164	4.81616	1.74619	1
cg27030141	ATE1;ATE1	0.110547	0.0799979	0.549397	-1.82018	0.189223	0.651277	-1.53544	0.479416	1.24818	1.24818	0.363948	1.33331	1.33331	0.128804	0.602838	-1.65882	0.28937	0.712421	-1.40366	0.236232	0.68203	-1.46621	0.0230288	0.432496	-2.31216	0.234293	1.46876	1.46876	2.45164	3.6913	1.33835	1
cg18491938	EIF2C2;EIF2C2	0.110553	0.176202	0.706794	-1.41484	0.0638854	1.65305	1.65305	0.668257	1.10964	1.10964	0.654942	1.11466	1.11466	0.042485	0.569055	-1.7573	0.0256457	0.527441	-1.89595	0.926046	0.977845	-1.02266	0.90197	0.970701	-1.03018	0.545749	0.86282	-1.15899	2.45157	2.26118	0.819855	1
cg12061099	CA5B;INE2	0.110554	0.0271852	0.715537	-1.39755	0.968107	1.00513	1.00513	0.478392	0.911855	-1.09667	0.485301	0.913216	-1.09503	0.044755	0.744556	-1.34308	0.731203	0.956811	-1.04514	0.740063	0.958268	-1.04355	0.177422	0.832333	-1.20144	0.00944738	0.656299	-1.5237	2.45156	0.636455	0.230766	1
cg20580833	CRTAC1	0.110556	0.440528	0.695062	-1.43872	0.0168387	3.85248	3.85248	0.0468602	2.86403	2.86403	0.364464	1.53874	1.53874	0.926222	1.04376	1.04376	0.242549	1.76049	1.76049	0.388377	1.50505	1.50505	0.150767	0.490592	-2.03835	0.200602	1.86854	1.86854	2.45154	8.30357	3.01074	1
cg09315887	SYPL1;SYPL1	0.110557	0.254823	0.528332	-1.89275	0.0389145	3.60736	3.60736	0.805868	0.87622	-1.14127	0.627764	0.769349	-1.2998	0.0258707	0.241801	-4.13563	0.979868	1.01363	1.01363	0.0449878	0.290943	-3.43709	0.541863	0.717938	-1.39288	0.578043	0.739674	-1.35195	2.45154	11.1816	4.05426	1
cg26286101	C14orf79	0.110557	0.424811	0.675289	-1.48085	0.464927	1.43083	1.43083	0.88719	1.07077	1.07077	0.585676	0.767091	-1.30363	0.353414	1.58398	1.58398	0.0474889	2.98038	2.98038	0.0163688	4.11052	4.11052	0.0316512	3.36553	3.36553	0.475888	1.41796	1.41796	2.45153	9.00936	3.26666	1
cg16593910	CSMD2	0.110563	0.898502	1.02781	1.02781	0.058094	1.58482	1.58482	0.98452	1.00418	1.00418	0.0715426	1.54128	1.54128	0.859683	1.03877	1.03877	0.071818	1.54048	1.54048	0.0373151	1.68133	1.68133	0.0195082	1.83478	1.83478	0.826887	1.04821	1.04821	2.45148	1.79449	0.650672	1
cg01660630	BRSK2	0.110563	0.0621193	0.391933	-2.55146	0.111109	0.461126	-2.1686	0.150087	1.98991	1.98991	0.841609	1.09334	1.09334	0.255946	0.589263	-1.69703	0.42119	0.693176	-1.44264	0.0284072	0.315467	-3.1699	0.0610464	0.390044	-2.56382	0.887718	0.938938	-1.06503	2.45147	7.7225	2.80013	1
cg13331940	MYO1E	0.110564	?	?	?	0.271758	2.15488	2.15488	0.206136	2.45786	2.45786	0.861305	0.890743	-1.12266	0.102084	0.294222	-3.3988	0.0134955	0.111456	-8.97215	0.598769	1.42235	1.42235	0.471796	0.61443	-1.62753	0.386467	0.552985	-1.80837	2.83434	16.6227	4.39855	1
cg27315555	ARHGAP26;ARHGAP26	0.110566	0.506528	1.22461	1.22461	0.0511867	0.512944	-1.94953	0.153855	0.631904	-1.58252	0.961503	1.01462	1.01462	0.0194473	0.427691	-2.33813	0.0240972	0.445422	-2.24506	0.94067	0.97787	-1.02263	0.291197	0.719431	-1.38999	0.749424	0.908153	-1.10114	2.45144	3.5094	1.2725	1
cg10241039	JAKMIP3	0.110567	0.0410927	0.34148	-2.92843	0.0123193	0.241507	-4.14067	0.0776185	0.40895	-2.44529	0.287938	0.604737	-1.65361	0.0878982	0.42373	-2.35999	0.336941	0.636782	-1.5704	0.0857083	0.420684	-2.37708	0.979951	0.98861	-1.01152	0.134848	0.479559	-2.08525	2.45143	8.06897	2.9258	1
cg02176326	PMS2L3	0.110571	0.028956	0.617552	-1.6193	0.186116	0.769207	-1.30004	0.194021	1.29333	1.29333	0.189248	0.770804	-1.29735	0.0250749	0.607225	-1.64683	0.0914512	0.706161	-1.41611	0.479534	0.874112	-1.14402	0.969067	1.00729	1.00729	0.872486	0.97038	-1.03052	2.4514	1.36039	0.493283	1
cg23215092	COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.110572	0.900894	1.03105	1.03105	0.42605	0.819133	-1.2208	0.0517816	1.72166	1.72166	0.928561	0.978229	-1.02226	0.634308	1.12482	1.12482	0.123366	0.663855	-1.50635	0.608344	1.13527	1.13527	0.29154	1.30819	1.30819	0.0115136	2.17229	2.17229	2.45139	2.33927	0.848233	1
cg26183671	RUNX3	0.110572	0.094178	0.680383	-1.46976	0.554276	0.882332	-1.13336	0.0414881	0.611403	-1.63558	0.266653	0.784897	-1.27405	0.0569406	0.637085	-1.56965	0.589752	1.12066	1.12066	0.0565772	1.57096	1.57096	0.42432	0.843024	-1.18621	0.897758	0.973455	-1.02727	2.45139	1.70039	0.616571	1
cg05022378	ZNF709	0.110573	0.94711	0.980384	-1.02001	0.0791604	1.78969	1.78969	0.680807	0.883804	-1.13147	0.249293	1.43272	1.43272	0.0413101	0.495175	-2.01949	0.68126	0.88397	-1.13126	0.034466	0.478795	-2.08858	0.203022	0.669457	-1.49375	0.343212	0.747072	-1.33856	2.45137	3.46217	1.25541	1
cg10276818	BAT5	0.110574	0.817884	1.15026	1.15026	0.756483	0.827957	-1.20779	0.464984	0.63678	-1.5704	0.413958	0.602373	-1.6601	0.71971	0.803558	-1.24446	0.00188266	0.0689327	-14.5069	0.924548	0.944128	-1.05918	0.878247	1.09751	1.09751	0.895725	0.923499	-1.08284	2.45137	14.3017	5.18591	1
cg16595877	XPNPEP2	0.110575	0.170237	0.405642	-2.46523	0.221753	0.452333	-2.21076	0.937606	1.04955	1.04955	0.201591	0.434727	-2.30029	0.0339756	0.216751	-4.61359	0.537148	0.679758	-1.47111	0.00673051	0.114111	-8.7634	0.212594	0.444428	-2.25009	0.127198	0.360977	-2.77026	2.45136	14.815	5.37207	1
cg01629722	PPP1R16A	0.110576	0.449752	1.31356	1.31356	0.983419	1.00739	1.00739	0.610467	1.19953	1.19953	0.357304	1.39828	1.39828	0.00865843	0.305712	-3.27105	0.332155	1.42517	1.42517	0.087288	1.95138	1.95138	0.557908	1.23349	1.23349	0.240694	1.54492	1.54492	2.45135	4.86857	1.7654	1
cg20756175	BMPR1B	0.110576	0.52205	0.843299	-1.18582	0.925122	0.975611	-1.025	0.140158	0.659098	-1.51723	0.946608	1.01775	1.01775	0.0164625	0.463095	-2.15938	0.861581	0.955194	-1.04691	0.168953	1.46956	1.46956	0.775811	0.927747	-1.07788	0.0221862	0.486655	-2.05484	2.45135	2.67853	0.971269	1
cg06779449	TOX2;TOX2;TOX2	0.11058	0.24259	4.92844	4.92844	0.199375	0.170585	-5.86218	0.224223	5.28694	5.28694	0.10492	10.0863	10.0863	0.0958136	10.8691	10.8691	0.294552	4.12854	4.12854	0.0229983	34.6993	34.6993	0.694219	1.67421	1.67421	0.0408445	21.7359	21.7359	2.45132	66.0442	23.9488	1
cg17481197	PHYHIP;PHYHIP	0.110586	0.76119	1.27412	1.27412	0.00694861	16.0493	16.0493	0.0346661	7.07957	7.07957	0.184547	0.326759	-3.06036	0.649209	1.439	1.439	0.7475	1.29268	1.29268	0.651474	1.43534	1.43534	0.675799	1.39691	1.39691	0.967849	1.03255	1.03255	2.45125	24.5215	8.89216	1
cg12303521	TMEM72	0.110589	0.0492099	0.413839	-2.4164	0.0290775	0.363882	-2.74815	0.0651868	0.443253	-2.25605	0.686944	0.852808	-1.1726	0.0164405	0.315951	-3.16505	0.403634	0.714719	-1.39915	0.356869	0.68907	-1.45123	0.0784543	0.463844	-2.1559	0.414229	0.72035	-1.38821	2.45123	5.99617	2.17439	1
cg19497325	C3orf39	0.110589	0.0357467	1.8158	1.8158	0.587124	1.14322	1.14322	0.579117	1.14658	1.14658	0.492591	0.843555	-1.18546	0.020424	0.505552	-1.97804	0.902728	0.970593	-1.0303	0.345143	1.26791	1.26791	0.99149	1.00261	1.00261	0.119949	0.662437	-1.50958	2.45122	2.31363	0.838993	1
cg24092470	RTEL1;RTEL1	0.11059	0.497163	1.43052	1.43052	0.568989	1.34848	1.34848	0.0243091	4.03214	4.03214	0.0636726	2.95314	2.95314	0.245109	0.531804	-1.88039	0.796186	0.874208	-1.14389	0.561535	1.35648	1.35648	0.825158	1.12178	1.12178	0.0516453	0.316497	-3.15958	2.45121	10.473	3.79785	1
cg10098221	USP46;USP46	0.110591	0.358876	0.624098	-1.60231	0.13071	2.26043	2.26043	0.367248	1.58859	1.58859	0.0550599	2.96532	2.96532	0.722198	0.836618	-1.19529	0.105716	0.413497	-2.4184	0.123378	0.434298	-2.30256	0.418884	1.51098	1.51098	0.120739	0.431314	-2.3185	2.4512	9.69441	3.51552	1
cg17353698	NEU1;SLC44A4	0.110592	0.385027	0.908652	-1.10053	0.622789	1.05478	1.05478	0.18003	1.16549	1.16549	0.0195065	0.738116	-1.3548	0.0617824	1.2539	1.2539	0.569288	1.06382	1.06382	0.123313	0.835646	-1.19668	0.986807	0.998223	-1.00178	0.698699	0.959027	-1.04272	2.45119	0.449121	0.162867	1
cg10675659	PLEKHA5;PLEKHA5	0.110593	0.00428774	0.581496	-1.7197	0.517375	1.09763	1.09763	0.565072	1.08604	1.08604	0.34659	1.14747	1.14747	0.65601	0.938356	-1.06569	0.425533	1.12242	1.12242	0.318575	1.15754	1.15754	0.543966	0.916523	-1.09108	0.724758	0.951066	-1.05145	2.45118	0.781918	0.283552	1
cg13608171	KCNIP1;KCNIP1;KCNIP1	0.110595	0.327513	0.479925	-2.08366	0.331673	0.483145	-2.06977	0.600117	0.680997	-1.46844	0.187989	0.363016	-2.7547	0.360581	0.505268	-1.97915	0.28894	0.449538	-2.22451	0.00286926	0.0508391	-19.6699	0.12681	0.301353	-3.31837	0.796815	1.20611	1.20611	2.45116	20.4795	7.42669	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02369028	MUM1;MUM1	0.110597	0.924996	0.985182	-1.01504	0.00839725	0.586378	-1.70538	0.97067	0.994188	-1.00585	0.280063	1.19486	1.19486	0.378771	0.866611	-1.15392	0.0339168	0.675299	-1.48082	0.484428	1.11924	1.11924	0.982662	0.996561	-1.00345	0.536535	0.905537	-1.10432	2.45114	0.975808	0.35387	1
cg19563525	FRS2;FRS2	0.110598	0.383069	0.716481	-1.39571	0.147674	0.560457	-1.78426	0.761754	0.892847	-1.12001	0.689265	1.16162	1.16162	0.386198	0.718129	-1.39251	0.485445	0.767813	-1.3024	0.270442	0.652005	-1.53373	0.0110287	3.28196	3.28196	0.14737	1.78515	1.78515	2.45113	5.39349	1.95592	1
cg00945719	TIMM50	0.110605	0.505667	1.12411	1.12411	0.569675	0.905256	-1.10466	0.00667863	1.8397	1.8397	0.907623	0.980092	-1.02031	0.422326	1.15256	1.15256	0.09379	0.726713	-1.37606	0.245717	0.810324	-1.23407	0.931012	0.985112	-1.01511	0.969004	1.00675	1.00675	2.45106	1.16496	0.422477	1
cg00904122	RSPH9	0.110605	0.220347	0.746827	-1.339	0.0361711	1.73657	1.73657	0.951735	1.01381	1.01381	0.42768	1.20136	1.20136	0.29932	1.27595	1.27595	0.0703326	1.58135	1.58135	0.156241	1.41003	1.41003	0.919335	1.02321	1.02321	0.0709035	0.633093	-1.57955	2.45106	1.9923	0.722516	1
cg19046783	CYP3A4	0.110605	0.0282984	0.0787406	-12.6999	0.231102	3.43163	3.43163	0.172753	0.240682	-4.15486	0.316912	0.362193	-2.76096	0.0577432	0.121708	-8.2164	0.523342	1.88681	1.88681	0.914087	1.11175	1.11175	0.171992	0.239997	-4.16672	0.0652848	0.131178	-7.62323	2.45106	37.403	13.5644	1
cg15064873	EIF5B;TXNDC9	0.110609	0.993209	0.998622	-1.00138	0.828496	0.965451	-1.03579	0.784257	1.04548	1.04548	0.00234075	0.502372	-1.99056	0.82166	0.964072	-1.03727	0.714976	0.942293	-1.06124	0.780547	1.0463	1.0463	0.20411	0.804766	-1.2426	0.736148	1.05634	1.05634	2.45103	1.01959	0.369765	1
cg03984780	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF	0.110609	0.824902	0.944067	-1.05925	0.00633627	2.51744	2.51744	0.250565	1.36597	1.36597	0.3676	1.27176	1.27176	0.787101	1.07285	1.07285	0.3948	0.797406	-1.25407	0.205796	0.70702	-1.41439	0.27301	1.34493	1.34493	0.210024	1.40937	1.40937	2.45102	2.61925	0.949899	1
cg11195002	ICAM5	0.110616	0.0696821	4.65076	4.65076	0.064542	4.82198	4.82198	0.032478	6.66313	6.66313	0.0604731	4.97225	4.97225	0.539448	0.624561	-1.60113	0.88558	0.89665	-1.11526	0.511205	0.603594	-1.65674	0.086482	4.19859	4.19859	0.552354	1.5769	1.5769	2.45096	22.2822	8.08108	1
cg07595554	SDHB;SDHB	0.110617	0.0136258	0.508965	-1.96477	0.205934	1.33337	1.33337	0.293579	1.26405	1.26405	0.887442	1.03076	1.03076	0.574165	0.885484	-1.12933	0.221768	0.75823	-1.31886	0.0462649	0.607198	-1.64691	0.751316	1.0704	1.0704	0.596702	0.891928	-1.12117	2.59978	1.84369	0.551578	1
cg07763231	SLC16A3;SLC16A3	0.110618	0.116225	2.15704	2.15704	0.13521	2.06504	2.06504	0.73247	1.1671	1.1671	0.260654	1.69609	1.69609	0.92054	1.04596	1.04596	0.630874	1.24361	1.24361	0.0605857	2.59291	2.59291	0.0238674	3.36714	3.36714	0.0129804	4.00826	4.00826	2.45094	7.87182	2.8549	1
cg02737621	SESN2	0.110618	0.608758	0.909055	-1.10004	0.0402955	1.54892	1.54892	0.58651	0.903541	-1.10676	0.0818405	1.42781	1.42781	0.559062	0.896622	-1.1153	0.242097	1.25373	1.25373	0.537923	0.891196	-1.12209	0.394376	0.851187	-1.17483	0.0245877	1.63966	1.63966	2.45093	1.32417	0.480241	1
cg25545182	DRG1	0.110621	0.453081	1.11207	1.11207	0.0476288	1.37	1.37	0.251044	1.18136	1.18136	0.598573	0.928829	-1.07662	0.0135528	1.52899	1.52899	0.203827	0.829953	-1.20489	0.764831	0.959164	-1.04257	0.524855	1.09369	1.09369	0.364516	0.878537	-1.13826	2.45091	0.749714	0.271904	1
cg18512963	CPNE4	0.110624	0.968954	0.98337	-1.01691	0.00727533	4.44451	4.44451	0.242011	0.589992	-1.69494	0.798076	0.895416	-1.1168	0.10271	0.463322	-2.15832	0.825962	1.09954	1.09954	0.421677	0.7021	-1.4243	0.701767	0.847225	-1.18032	0.281846	0.617605	-1.61916	2.45088	7.20683	2.61378	1
cg24453118	LRCH1;LRCH1;LRCH1	0.110627	0.0534844	0.196038	-5.10104	0.93066	1.06679	1.06679	0.62118	1.44786	1.44786	0.167314	0.335004	-2.98504	0.0168437	0.114565	-8.72869	0.359342	0.496488	-2.01415	0.0565401	0.20113	-4.97192	0.199544	0.365327	-2.73728	0.0669974	0.217535	-4.59695	2.45085	21.425	7.77055	1
cg16340918	KIF11	0.110631	0.260382	0.777624	-1.28597	0.0644335	1.56063	1.56063	0.0125802	1.9442	1.9442	0.601628	0.893283	-1.11947	0.130462	1.41895	1.41895	0.718938	1.0805	1.0805	0.291544	0.790982	-1.26425	0.865184	1.03708	1.03708	0.448419	1.18	1.18	2.45082	1.7817	0.646205	1
cg25108740	LOC728407;PARG	0.110631	0.861285	0.964553	-1.03675	0.227479	0.769951	-1.29878	0.0261873	0.580247	-1.7234	0.125888	1.40739	1.40739	0.0800406	0.669809	-1.49296	0.807704	0.950928	-1.0516	0.0776923	0.66724	-1.49871	0.550176	1.13286	1.13286	0.40552	1.19197	1.19197	2.45081	1.65272	0.59943	1
cg09236434	C2orf55	0.110633	0.0442635	66.1455	66.1455	0.0689168	40.154	40.154	0.202792	11.4632	11.4632	0.101594	25.8288	25.8288	0.177353	13.4748	13.4748	0.101742	25.7857	25.7857	0.0397866	74.5912	74.5912	0.02454	128.905	128.905	0.10494	24.8867	24.8867	2.45079	127.736	46.3293	1
cg11738634	POM121L1P	0.110635	0.0780157	0.628175	-1.59191	0.0959217	0.647807	-1.54367	0.0355145	0.559262	-1.78807	0.0676774	0.615086	-1.62579	0.0203205	0.514703	-1.94287	0.365392	0.801868	-1.24709	0.155985	0.697415	-1.43387	0.139608	0.685616	-1.45854	0.808553	1.05933	1.05933	2.45077	2.18811	0.79362	1
cg06754565	NLRC5	0.110636	0.184211	0.809574	-1.23522	0.211337	1.21833	1.21833	0.489189	0.899997	-1.11111	0.326714	0.859119	-1.16398	0.284517	0.846431	-1.18143	0.0985757	0.762118	-1.31213	0.313528	0.855281	-1.16921	0.0372811	1.43697	1.43697	0.16778	1.24668	1.24668	2.45076	0.872975	0.316627	1
cg02385230	IGFBP4	0.110637	0.034175	0.513909	-1.94587	0.312008	0.754494	-1.32539	0.104031	0.619567	-1.61403	0.406641	0.795606	-1.2569	0.0119867	0.429879	-2.32624	0.781934	0.927986	-1.0776	0.421658	1.24744	1.24744	0.868462	1.04566	1.04566	0.123272	0.637827	-1.56782	2.45076	2.81595	1.02134	1
cg11970177	MEGF11	0.110637	0.0508031	0.407687	-2.45286	0.0970867	0.479853	-2.08397	0.997191	1.00142	1.00142	0.0998422	0.48328	-2.0692	0.155367	0.541686	-1.84609	0.0346344	0.370372	-2.69999	0.535638	1.2878	1.2878	0.0326963	0.365053	-2.73933	0.286568	0.640034	-1.56242	2.45075	6.31099	2.289	1
cg17091998	SHBG;SAT2;SAT2;SHBG	0.11064	?	?	?	0.355357	0.43732	-2.28665	0.746627	0.756167	-1.32246	0.647056	0.671699	-1.48876	0.76322	0.770708	-1.29751	?	?	?	0.0116044	0.0518421	-19.2893	0.0598251	0.147691	-6.77091	0.0556434	0.141365	-7.07386	2.86115	24.8892	7.45629	1
cg02379854	NCK2;NCK2;NCK2	0.11064	0.676767	1.07384	1.07384	0.00778973	0.559596	-1.787	0.555583	1.10661	1.10661	0.390593	1.16123	1.16123	0.457694	1.13713	1.13713	0.526397	1.11525	1.11525	0.0514297	1.45764	1.45764	0.83265	1.03661	1.03661	0.738858	1.0585	1.0585	2.45072	1.12072	0.40649	1
cg04784212	TRIM72;PYDC1	0.110642	0.458696	0.65823	-1.51923	0.0384795	3.77715	3.77715	0.0304818	4.09349	4.09349	0.35258	0.588492	-1.69926	0.501909	0.68541	-1.45898	0.304753	0.554844	-1.80231	0.357374	0.591772	-1.68984	0.259227	1.92011	1.92011	0.233294	1.99904	1.99904	2.4507	11.9237	4.32483	1
cg01789978	PIGG;PIGG	0.110644	0.0960915	0.369281	-2.70797	0.60356	0.751576	-1.33054	0.100705	0.375282	-2.66466	0.730803	1.20716	1.20716	0.0193881	0.214154	-4.66953	0.270148	0.534769	-1.86996	0.0257435	0.23604	-4.23657	0.357837	0.597226	-1.67441	0.0573266	0.30972	-3.22872	2.45068	11.5337	4.18338	1
cg26839252	TCP1;MRPL18;TCP1;MRPL18	0.110644	0.266194	2.34321	2.34321	0.211497	2.68926	2.68926	?	?	?	?	?	?	0.407372	0.548524	-1.82307	?	?	?	0.0312824	10.9707	10.9707	?	?	?	?	?	?	4.92291	12.7991	1.94993	1
cg22718310	RERE;RERE	0.110645	0.234365	1.29358	1.29358	0.963284	0.990539	-1.00955	0.55277	1.13202	1.13202	0.013418	1.88181	1.88181	0.0591115	1.55281	1.55281	0.638756	1.10256	1.10256	0.0146538	1.85997	1.85997	0.899508	1.02643	1.02643	0.321093	1.23576	1.23576	2.45068	1.65506	0.600311	1
cg01107006	IGDCC3;IGDCC3	0.110645	?	?	?	0.881738	1.04485	1.04485	0.0315809	0.466836	-2.14208	0.0146054	0.400015	-2.49991	0.874704	0.954559	-1.0476	0.190984	0.662578	-1.50926	0.447714	1.25693	1.25693	0.565895	1.18684	1.18684	0.870294	1.04934	1.04934	2.62349	3.13941	1.04707	1
cg02570563	GPR39;GPR39	0.110648	0.145818	0.713165	-1.4022	0.318087	0.799801	-1.25031	0.458299	1.17761	1.17761	0.513085	0.866244	-1.15441	0.412832	0.834231	-1.19871	0.0453671	1.64363	1.64363	0.0205855	0.546741	-1.82902	0.665546	0.910149	-1.09872	0.184044	0.73708	-1.35671	2.45065	1.81885	0.659725	1
cg13995599	ATP11A;ATP11A	0.110654	0.17315	1.45288	1.45288	0.0263302	0.507171	-1.97172	0.447897	1.22059	1.22059	0.109332	0.637668	-1.56821	0.320178	0.76742	-1.30307	0.536272	1.17515	1.17515	0.347411	1.28317	1.28317	0.88093	1.03938	1.03938	0.0665172	0.58844	-1.69941	2.45059	2.57767	0.934984	1
cg11847597	PEBP4	0.110654	0.248328	0.63526	-1.57416	0.070703	2.13683	2.13683	0.0233555	2.76969	2.76969	0.345653	0.694087	-1.44074	0.654869	1.18431	1.18431	0.252577	0.638068	-1.56723	0.237554	1.59233	1.59233	0.338423	0.69004	-1.44919	0.392124	0.719192	-1.39045	2.45058	5.48622	1.98999	1
cg10016350	CDC14A;CDC14A;CDC14A	0.110658	0.638081	1.05882	1.05882	0.0570362	1.2966	1.2966	0.893805	0.984018	-1.01624	0.488419	1.08861	1.08861	0.0847646	1.25854	1.25854	0.0216962	1.39438	1.39438	0.0705	0.783613	-1.27614	0.856712	1.02204	1.02204	0.910955	1.01359	1.01359	2.45054	0.564738	0.204848	1
cg01725318	CLGN;CLGN;CLGN;CLGN	0.110659	0.797842	0.9669	-1.03423	0.88934	1.01842	1.01842	0.705273	0.951392	-1.05109	0.0918644	1.27554	1.27554	0.622177	1.0673	1.0673	0.323862	0.874923	-1.14296	0.0237703	0.701953	-1.4246	0.432577	0.900298	-1.11074	0.0382289	1.37022	1.37022	2.45054	0.667465	0.242111	1
cg11935114	PCDHA2;PCDHA1;PCDHA1;PCDHA5;PCDHA6;PCDHA3;PCDHA6;PCDHA4;PCDHA6	0.110659	0.249853	1.68772	1.68772	0.95101	0.973614	-1.0271	0.954262	0.975346	-1.02528	0.0715706	0.416583	-2.40048	0.776229	0.883358	-1.13204	0.231192	1.72735	1.72735	0.159496	0.519826	-1.92372	0.033773	2.94134	2.94134	0.1062	0.464004	-2.15515	2.45053	7.35133	2.66657	1
cg17340796	TMEM126B;DLG2	0.11066	0.95401	1.01479	1.01479	0.788412	0.933836	-1.07085	0.380477	1.25726	1.25726	0.743403	0.919804	-1.08719	0.255172	0.739098	-1.353	0.188315	0.70135	-1.42582	0.00405224	0.374522	-2.67007	0.212094	0.715698	-1.39724	0.593354	1.14702	1.14702	2.45053	2.51351	0.911734	1
cg17204510	UBE2D2;UBE2D2	0.11066	0.380597	0.824324	-1.21312	0.146487	1.39766	1.39766	0.177804	0.735204	-1.36017	0.0546476	0.626094	-1.5972	0.04719	0.61396	-1.62877	0.0347769	0.589445	-1.69651	0.867736	1.03645	1.03645	0.629063	1.11022	1.11022	0.545431	0.876827	-1.14048	2.45053	1.79084	0.649597	1
cg08922808	PSMC3	0.11066	0.00928648	0.357297	-2.79879	0.639909	1.15826	1.15826	0.186999	1.5467	1.5467	0.810159	0.927705	-1.07793	0.722706	1.1175	1.1175	0.0930878	0.562101	-1.77904	0.218816	0.668127	-1.49672	0.147923	0.616295	-1.6226	0.626356	0.858137	-1.16532	2.45053	3.77359	1.36881	1
cg14903685	TLE3;TLE3;TLE3	0.110669	0.272682	0.819031	-1.22096	0.199528	1.26745	1.26745	0.550376	0.899735	-1.11144	0.788652	0.954106	-1.0481	0.0231044	0.621891	-1.608	0.15426	1.30561	1.30561	0.0393063	0.659049	-1.51734	0.921428	1.0174	1.0174	0.551989	1.11095	1.11095	2.45044	1.18664	0.43045	1
cg07403865	BCL6	0.11067	0.903882	1.03942	1.03942	0.868749	1.05436	1.05436	0.0179227	2.51106	2.51106	0.274433	1.439	1.439	0.467448	0.789279	-1.26698	0.429919	1.29417	1.29417	0.0102407	2.81756	2.81756	0.170881	1.59468	1.59468	0.789939	1.08921	1.08921	2.45043	3.97518	1.44199	1
cg17279789	PCTP;PCTP	0.11067	0.316109	1.18809	1.18809	0.684049	0.93423	-1.0704	0.418471	1.14737	1.14737	0.788129	0.956199	-1.04581	0.429136	0.874404	-1.14364	0.198413	0.797714	-1.25358	0.00430821	0.530113	-1.88639	0.47106	1.12966	1.12966	0.913154	0.982023	-1.01831	2.45043	1.07305	0.389249	1
cg01245531	FGF13;FGF13;FGF13	0.110671	0.00665534	0.143984	-6.9452	0.194612	0.469932	-2.12797	0.294962	0.550027	-1.81809	0.355806	1.68667	1.68667	0.330036	0.575099	-1.73883	0.0833649	0.348222	-2.87173	0.723129	0.822193	-1.21626	0.275379	0.535504	-1.8674	0.506416	1.44923	1.44923	2.45042	11.7559	4.26445	1
cg21097881	NPY	0.110674	0.49865	0.517708	-1.93159	0.84211	0.826005	-1.21065	0.477118	0.500152	-1.99939	0.648048	0.643718	-1.55348	0.334792	0.385438	-2.59445	0.339307	0.389083	-2.57015	0.766136	0.751347	-1.33094	0.00372446	42.7373	42.7373	0.924982	1.09447	1.09447	2.45039	35.6512	12.9326	1
cg15317173	KIAA1632	0.110678	0.704706	0.925376	-1.08064	0.467195	1.16264	1.16264	0.481409	0.864359	-1.15693	0.558306	0.886405	-1.12815	0.108201	0.699791	-1.429	0.0125461	0.531283	-1.88223	0.0315511	0.59835	-1.67126	0.844388	1.04084	1.04084	0.365649	1.20844	1.20844	2.45035	1.61019	0.584112	1
cg04347379	HEATR2	0.110679	0.987282	0.995678	-1.00434	0.432028	1.24348	1.24348	0.0389943	0.522388	-1.91429	0.510553	1.19886	1.19886	0.160376	0.665278	-1.50313	0.0440259	1.87546	1.87546	0.649068	1.13258	1.13258	0.381594	0.783591	-1.27618	0.0874099	0.598817	-1.66996	2.45035	2.86595	1.03965	1
cg11471666	EIF4B	0.110679	0.962018	1.00485	1.00485	0.370996	1.09776	1.09776	0.0539225	1.2488	1.2488	0.128273	0.84625	-1.18168	0.297384	0.896109	-1.11594	0.0681163	0.81267	-1.23051	0.762092	0.969641	-1.03131	0.122551	1.18519	1.18519	0.167968	1.16091	1.16091	2.45034	0.400116	0.145146	1
cg02210038	APOL1;APOL1;APOL1;APOL1	0.110681	0.544099	0.857747	-1.16585	0.944062	0.982616	-1.01769	0.0749988	0.609242	-1.64138	0.242726	0.736735	-1.35734	0.00424353	0.38424	-2.60254	0.702272	1.10074	1.10074	0.445531	1.21452	1.21452	0.712781	0.911737	-1.09681	0.960551	0.987715	-1.01244	2.45032	2.42382	0.879275	1
cg09793807	NFE2L1	0.110682	0.535266	0.722303	-1.38446	?	?	?	0.226227	0.513182	-1.94862	?	?	?	?	?	?	?	?	?	?	?	?	0.33387	0.594604	-1.68179	0.01659	0.196242	-5.09575	3.00654	5.36185	2.6751	1
cg15032960	RAB22A	0.110683	0.515679	0.846711	-1.18104	0.101853	0.636299	-1.57159	0.0258827	0.512847	-1.9499	0.187251	0.702669	-1.42315	0.319952	0.771473	-1.29622	0.85382	0.954505	-1.04766	0.0731666	1.65612	1.65612	0.443458	1.21806	1.21806	0.124128	0.656805	-1.52252	2.4503	2.47334	0.897249	1
cg17658341	SPON1	0.110684	0.370728	0.671292	-1.48966	0.160483	0.521995	-1.91573	0.0977949	0.454932	-2.19813	0.784363	0.887865	-1.1263	0.00414598	0.188907	-5.29362	0.243546	0.58914	-1.69739	0.69471	0.842795	-1.18653	0.754762	0.872956	-1.14553	0.0711261	0.41723	-2.39676	2.4503	7.29637	2.64689	1
cg10101074	C13orf18	0.110684	0.31957	0.596496	-1.67646	0.0134308	4.65364	4.65364	0.777496	1.15294	1.15294	0.643853	0.791474	-1.26347	0.1112	0.418276	-2.39076	0.681165	0.812591	-1.23063	0.474933	0.69421	-1.44049	0.0752121	2.70509	2.70509	0.590332	0.761088	-1.31391	2.4503	9.7922	3.5523	1
cg17997207	FAM184B	0.110685	0.685228	1.11488	1.11488	0.32156	1.31428	1.31428	0.0860365	1.65901	1.65901	?	?	?	0.0579947	0.564471	-1.77157	0.230521	0.714853	-1.39889	0.302722	1.32963	1.32963	0.0975641	1.62438	1.62438	0.247338	0.724131	-1.38097	2.47551	2.48184	1.00256	1
cg20236089	DTNBP1;DTNBP1;DTNBP1	0.110687	0.020717	0.23028	-4.34254	0.812191	0.882057	-1.13371	0.0501548	0.308068	-3.24603	0.129719	0.421865	-2.37042	0.489392	0.690559	-1.4481	0.606461	0.760353	-1.31518	0.0540373	0.315681	-3.16775	0.991464	0.994376	-1.00566	0.0264204	0.249609	-4.00626	2.45026	10.7881	3.91364	1
cg14030586	VAV2;VAV2	0.110689	0.339543	0.846934	-1.18073	0.539876	1.11042	1.11042	0.0955875	1.36204	1.36204	0.405293	0.866146	-1.15454	0.971424	1.00606	1.00606	0.16691	0.779814	-1.28236	0.26176	0.820775	-1.21836	0.0136859	1.67294	1.67294	0.463964	1.13406	1.13406	2.45025	1.10535	0.400994	1
cg15258416	RNF135;RNF135	0.110689	0.868944	1.06775	1.06775	0.00660279	4.05534	4.05534	0.256767	1.59983	1.59983	0.354636	1.45942	1.45942	0.371595	0.694754	-1.43936	0.732208	0.872528	-1.1461	0.0895169	2.10263	2.10263	0.87522	0.93952	-1.06437	0.115138	1.974	1.974	2.45025	6.11596	2.21872	1
cg01907476	LOC645166;LOC645166;LOC645166	0.11069	0.0548527	0.0689924	-14.4944	0.172901	0.168477	-5.93552	0.171511	0.167383	-5.97433	0.115265	0.122144	-8.18704	0.0471535	0.0614781	-16.266	0.0387973	0.0529795	-18.8752	0.0358426	0.0498695	-20.0523	0.360134	0.314989	-3.17472	0.0436605	0.0579742	-17.2491	2.45024	58.5077	21.2252	1
cg03347095	PTPRN2;PTPRN2;PTPRN2	0.110691	0.0376391	0.152538	-6.55575	0.800944	1.21773	1.21773	0.740078	0.771358	-1.29641	0.658789	1.41414	1.41414	0.0893248	0.232053	-4.30936	0.480626	1.74898	1.74898	0.0143047	0.0948631	-10.5415	0.808516	0.827525	-1.20842	0.112758	0.260252	-3.84243	2.45022	23.5945	8.5596	1
cg21133992	GLI2	0.1107	0.158478	0.425895	-2.34799	0.0111673	0.165177	-6.0541	0.042086	0.265506	-3.76639	0.259837	0.514002	-1.94552	0.208174	0.471728	-2.11987	0.0784656	0.330637	-3.02447	0.0545509	0.290862	-3.43805	0.207147	0.47084	-2.12386	0.133105	0.399522	-2.50299	2.45014	12.4409	4.51345	1
cg25887294	CASP8AP2;CASP8AP2;CASP8AP2	0.1107	0.323196	0.849877	-1.17664	0.115533	1.31355	1.31355	0.281897	1.19514	1.19514	0.591319	1.09025	1.09025	0.0901128	1.34684	1.34684	0.247166	0.824569	-1.21275	0.0480884	0.697569	-1.43355	0.714429	1.06033	1.06033	0.0924866	1.34334	1.34334	2.45014	0.98611	0.357752	1
cg20123649	PC;PC;PC	0.110702	0.473508	0.869355	-1.15028	0.626927	1.09863	1.09863	0.0362797	0.626563	-1.59601	0.626309	1.09882	1.09882	0.0839648	0.692649	-1.44373	0.817711	1.04534	1.04534	0.119746	1.3829	1.3829	0.0526763	1.52656	1.52656	0.579486	1.11349	1.11349	2.45012	1.43116	0.519218	1
cg21295575	TM7SF4;TM7SF4	0.110703	0.556841	1.15691	1.15691	0.724872	1.09054	1.09054	0.781022	0.933929	-1.07075	0.76774	1.07535	1.07535	0.0959773	0.638625	-1.56586	0.0788826	0.619636	-1.61385	0.224918	1.36705	1.36705	0.054363	1.70828	1.70828	0.0581684	0.591452	-1.69075	2.45011	2.33465	0.847001	1
cg01197831	FBP2	0.110705	0.0410766	0.435839	-2.29443	0.996148	1.0017	1.0017	0.538003	0.802765	-1.24569	0.358153	0.716825	-1.39504	0.00603984	0.282631	-3.53818	0.0945513	0.523377	-1.91067	0.112929	0.544499	-1.83655	0.34288	0.708727	-1.41098	0.275226	0.670358	-1.49174	2.45009	4.81688	1.74756	1
cg08897188	PRKAG2;PRKAG2	0.110711	0.438924	0.568505	-1.759	0.0146341	8.58826	8.58826	0.0445221	5.20919	5.20919	0.343659	0.497658	-2.00941	0.25625	0.42838	-2.33438	0.432822	1.77289	1.77289	0.672364	1.35567	1.35567	0.396367	0.53724	-1.86136	0.797601	0.832069	-1.20182	2.45003	19.8572	7.20435	1
cg27608139	DCI	0.110712	0.317983	0.739027	-1.35313	0.00593801	2.86958	2.86958	0.218355	0.684309	-1.46133	0.349785	1.32577	1.32577	0.95106	0.982177	-1.01815	0.842684	0.943444	-1.05995	0.674982	0.883767	-1.13152	0.356725	1.32012	1.32012	0.325155	0.742539	-1.34673	2.45002	3.33097	1.2085	1
cg26968962	FBXO31;FBXO31	0.110713	0.0425671	0.762329	-1.31177	0.0581787	0.780303	-1.28155	0.110672	0.818548	-1.22167	0.554493	0.934192	-1.07044	0.0603916	0.782471	-1.278	0.680643	1.04821	1.04821	0.435827	0.913345	-1.09488	0.997192	0.9996	-1.0004	0.0978373	1.23297	1.23297	2.59872	0.520546	0.155796	1
cg17604480	CNTN5;CNTN5	0.110713	0.992124	1.00265	1.00265	0.0335059	0.513118	-1.94887	0.114799	0.630851	-1.58516	0.564696	0.855224	-1.16928	0.725168	1.09946	1.09946	0.977614	0.992491	-1.00757	0.0378569	1.90949	1.90949	0.0998641	1.6232	1.6232	0.868555	0.956481	-1.0455	2.45001	2.80016	1.01593	1
cg05223897	NCRNA00174	0.110714	0.167836	0.811826	-1.23179	0.13467	0.79554	-1.25701	0.130674	0.79336	-1.26046	0.196957	0.824107	-1.21343	0.668813	1.06293	1.06293	0.426801	1.12196	1.12196	0.030567	1.43387	1.43387	0.145236	0.801054	-1.24835	0.35871	0.874726	-1.14322	2.45	0.780421	0.283146	1
cg23998200	SPO11;SPO11	0.110716	0.169298	1.53243	1.53243	0.968418	1.01161	1.01161	0.876322	0.955613	-1.04645	0.624227	0.865951	-1.1548	0.581553	1.17617	1.17617	0.783943	0.923005	-1.08342	0.00259857	3.37476	3.37476	0.942917	0.979341	-1.0211	0.9236	1.02836	1.02836	2.44998	3.29742	1.19635	1
cg16105873	TTLL2;TTLL2	0.110719	0.461604	0.916302	-1.09134	0.154167	0.837019	-1.19472	0.659403	0.949587	-1.05309	0.225225	0.861956	-1.16015	0.473253	0.918445	-1.0888	0.552118	1.07267	1.07267	0.00651942	1.51028	1.51028	0.482221	1.08687	1.08687	0.854742	0.978854	-1.0216	2.44995	0.527781	0.191489	1
cg11639225	C3orf25	0.11072	0.194079	0.760512	-1.3149	0.504318	0.873706	-1.14455	0.00464443	2.11748	2.11748	0.94641	1.01348	1.01348	0.986052	1.00349	1.00349	0.246585	0.785502	-1.27307	0.561745	0.889672	-1.12401	0.710766	1.07704	1.07704	0.655911	1.09347	1.09347	2.44994	1.54056	0.558947	1
cg18982384	FBLN5	0.110723	0.128604	0.3788	-2.63992	0.334372	1.80119	1.80119	0.953919	0.966422	-1.03475	0.0676953	3.35246	3.35246	0.103401	0.34897	-2.86558	0.886368	0.918962	-1.08818	0.0411166	4.02613	4.02613	0.1385	2.56663	2.56663	0.853355	0.896406	-1.11557	2.44991	13.5543	4.91782	1
cg14239986	SVIL;SVIL	0.110728	0.982181	0.995641	-1.00438	0.124396	1.38463	1.38463	0.00775175	1.95211	1.95211	0.171743	1.3292	1.3292	0.391143	1.18752	1.18752	0.0256481	1.67953	1.67953	0.138088	1.3666	1.3666	0.77619	1.05734	1.05734	0.474339	1.15295	1.15295	2.44987	1.48454	0.538637	1
cg14601981	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.110728	0.313076	1.62862	1.62862	0.35515	0.641068	-1.5599	0.685753	0.826839	-1.20943	0.280869	1.68865	1.68865	0.792895	0.884267	-1.13088	0.549777	1.32693	1.32693	0.017465	3.86671	3.86671	0.0535952	2.78597	2.78597	0.0383949	3.06924	3.06924	2.44986	8.47777	3.07601	1
cg23570588	HIST1H2BA;HIST1H2AA	0.110729	0.171155	1.42988	1.42988	0.448889	1.20851	1.20851	0.613496	1.13314	1.13314	0.175377	0.702118	-1.42426	0.0463826	1.75059	1.75059	0.527027	1.17033	1.17033	0.0418161	0.562284	-1.77846	0.144541	0.680709	-1.46906	0.884759	1.03623	1.03623	2.44985	2.33679	0.847867	1
cg12428738	RGL2;RGL2	0.11073	0.0168195	0.752381	-1.32911	0.330741	0.906757	-1.10283	0.59007	1.05448	1.05448	0.909837	0.989012	-1.01111	0.637649	1.04736	1.04736	0.707911	1.03739	1.03739	0.895984	1.01284	1.01284	0.0859547	1.2033	1.2033	0.0503314	1.24307	1.24307	2.44985	0.369072	0.133912	1
cg11707031	PEBP4	0.110731	0.0476059	0.310494	-3.22068	0.0313968	0.271653	-3.68117	0.0391221	0.291554	-3.42989	0.628829	0.777667	-1.2859	0.091924	0.383717	-2.60609	0.140362	0.440923	-2.26797	0.0352463	0.281949	-3.54674	0.11668	0.414783	-2.4109	0.306275	0.578781	-1.72777	2.44983	10.3409	3.75207	1
cg24075935	CASZ1;CASZ1	0.110731	0.0938235	1.76726	1.76726	0.0172819	2.45034	2.45034	0.962472	1.01465	1.01465	0.861264	0.947374	-1.05555	0.796258	0.92315	-1.08325	0.78118	0.917539	-1.08987	0.0818125	0.551013	-1.81484	0.373261	0.753909	-1.32642	0.172529	0.638461	-1.56627	2.44983	3.70586	1.34462	1
cg14526732	BAT3;BAT3;BAT3;BAT3	0.110735	?	?	?	0.0721082	5.34446	5.34446	0.023743	10.6537	10.6537	0.295558	2.36511	2.36511	0.179065	0.316197	-3.16258	0.252253	0.385278	-2.59553	0.999965	0.999966	-1.00003	0.544628	0.619503	-1.6142	0.458821	0.553553	-1.80651	3.15303	24.4541	4.84733	1
cg10028348	MKLN1;FLJ43663	0.110736	0.896601	1.03508	1.03508	0.200446	1.43128	1.43128	0.656448	0.88807	-1.12604	0.413821	1.24795	1.24795	0.941976	1.01949	1.01949	0.729449	0.912052	-1.09643	0.00350178	0.34986	-2.85828	0.842609	1.05412	1.05412	0.485659	0.82874	-1.20665	2.44979	2.72766	0.989712	1
cg01893797	ARSF	0.11074	0.642013	0.879015	-1.13764	0.789432	1.07651	1.07651	0.703828	1.11093	1.11093	0.369322	1.28911	1.28911	0.0120012	0.421844	-2.37055	0.0717466	0.57478	-1.7398	0.109187	0.618091	-1.61789	0.53329	1.18981	1.18981	0.331854	1.31752	1.31752	2.44974	2.94348	1.06804	1
cg13855472	C1orf58;AIDA	0.110741	0.95036	0.982525	-1.01779	0.717554	0.902246	-1.10834	0.166931	1.5178	1.5178	0.0103931	0.400992	-2.49382	0.0312378	0.488828	-2.04571	0.7731	1.08531	1.08531	0.583252	0.854789	-1.16988	0.264012	0.719141	-1.39055	0.724229	0.904556	-1.10551	2.44974	3.1112	1.1289	1
cg07276118	ENTPD8;ENTPD8	0.110742	0.0392316	0.261678	-3.82149	0.0538105	0.292187	-3.42247	0.304491	0.550138	-1.81772	0.262917	0.518976	-1.92687	0.0298426	0.237787	-4.20545	0.123003	0.391027	-2.55737	0.154041	0.424214	-2.3573	0.0242536	0.221057	-4.52373	0.137787	0.407355	-2.45486	2.44973	12.2519	4.44564	1
cg11854504	EMX2OS	0.110743	0.157692	0.534997	-1.86917	0.0513309	2.50589	2.50589	0.589389	0.798033	-1.25308	0.483455	0.744632	-1.34295	0.0534012	0.403137	-2.48055	0.116281	0.493288	-2.02721	0.123586	0.501286	-1.99487	0.239297	0.600364	-1.66566	0.0994656	0.473484	-2.112	2.44972	6.65102	2.41335	1
cg04831048	OSBPL5;OSBPL5;OSBPL5	0.110745	0.173543	0.558283	-1.79121	0.105258	2.03908	2.03908	0.444273	0.730557	-1.36882	0.193521	0.574737	-1.73993	0.060321	0.426221	-2.3462	0.851418	0.927296	-1.0784	0.0586055	0.423155	-2.3632	0.0438528	0.393563	-2.54089	0.680163	1.1816	1.1816	2.4497	6.28702	2.28129	1
cg16837973	C17orf87	0.110749	0.407632	0.789334	-1.26689	0.0416722	0.519014	-1.92673	0.0388119	0.512648	-1.95066	0.114689	0.619323	-1.61467	0.329008	0.754754	-1.32493	0.811926	0.935594	-1.06884	0.132639	1.57331	1.57331	0.448043	1.24104	1.24104	0.119308	0.623686	-1.60337	2.44966	3.02626	1.09811	1
cg23337031	AGAP1;AGAP1	0.11075	0.255065	0.761381	-1.3134	0.0266698	1.82678	1.82678	0.50718	1.16693	1.16693	0.381345	1.22875	1.22875	0.605787	0.887415	-1.12687	0.0584791	1.63307	1.63307	0.0292766	1.8025	1.8025	0.676806	1.10095	1.10095	0.184595	1.38106	1.38106	2.44965	2.04215	0.741021	1
cg10872967	FAM20C	0.110751	0.2048	1.27918	1.27918	0.0532228	0.667529	-1.49806	0.305514	0.822626	-1.21562	0.481769	0.876709	-1.14063	0.0337769	1.57802	1.57802	0.229596	1.2611	1.2611	0.170232	1.30839	1.30839	0.559631	0.897122	-1.11468	0.594362	0.905822	-1.10397	2.44964	1.31388	0.476761	1
cg22512292	PART1	0.110752	0.0422521	0.205796	-4.85919	0.306194	0.488779	-2.04591	0.490982	0.623314	-1.60433	0.0408875	0.202979	-4.92661	0.007902	0.100049	-9.99512	0.211737	0.411106	-2.43246	0.982336	1.01507	1.01507	0.978995	0.982368	-1.01795	0.473023	0.6107	-1.63747	2.44963	17.7133	6.42755	1
cg00034433	CNIH3	0.110752	0.634532	0.901723	-1.10899	0.0124637	1.95748	1.95748	0.440648	1.18515	1.18515	0.928845	0.980891	-1.01948	0.307061	1.25661	1.25661	0.127877	1.42702	1.42702	0.085282	0.663005	-1.50828	0.333303	1.24058	1.24058	0.176159	1.36434	1.36434	2.44963	1.81046	0.656955	1
cg26767614	NFIX	0.110754	0.516274	1.31178	1.31178	0.0294743	2.87824	2.87824	0.0566287	2.43448	2.43448	0.103321	2.0848	2.0848	0.303201	1.55232	1.55232	0.379967	1.44971	1.44971	0.0355173	2.7435	2.7435	0.21882	1.70452	1.70452	0.020301	3.16991	3.16991	2.44961	6.59643	2.39364	1
cg15046693	CEBPG	0.110755	0.133545	1.91991	1.91991	0.00558669	4.33561	4.33561	0.412323	1.40194	1.40194	0.405457	1.40928	1.40928	0.286425	1.56237	1.56237	0.16019	1.83089	1.83089	0.0361019	2.67101	2.67101	0.617105	1.22529	1.22529	0.825308	0.91475	-1.09319	2.4496	6.3032	2.28725	1
cg26939721	SNRPN;SNRPN;SNRPN;SNRPN	0.110756	0.663789	0.837747	-1.19368	0.00670589	0.240916	-4.15082	0.0447438	0.393519	-2.54117	0.246731	0.612448	-1.63279	0.156137	0.541115	-1.84803	0.171832	0.555017	-1.80175	0.120585	0.505862	-1.97682	0.104844	0.487993	-2.04921	0.199046	0.577351	-1.73205	2.44959	6.35662	2.30664	1
cg24201941	CRTAC1	0.110757	0.97339	1.00938	1.00938	0.886374	0.960786	-1.04081	0.0530681	0.540646	-1.84964	0.540686	0.840901	-1.1892	0.592915	1.16298	1.16298	0.032743	0.497101	-2.01166	0.212084	1.44449	1.44449	0.0595752	1.81282	1.81282	0.3448	0.761665	-1.31291	2.44958	3.03692	1.10202	1
cg26332534	HTR7;HTR7;HTR7	0.110757	0.570796	1.09789	1.09789	0.845028	1.03242	1.03242	0.0249709	1.54479	1.54479	0.550011	0.906108	-1.10362	0.793675	1.04366	1.04366	0.0780896	0.726773	-1.37595	0.478121	1.12476	1.12476	0.0556629	0.702218	-1.42406	0.212557	1.23867	1.23867	2.44958	1.0311	0.374159	1
cg04898487	GRIN2A;GRIN2A;GRIN2A	0.110759	0.352017	0.667832	-1.49738	0.146103	0.518039	-1.93036	0.884113	1.06341	1.06341	0.793536	1.11691	1.11691	0.0895597	0.454303	-2.20117	0.0162297	0.289603	-3.453	0.0364766	0.358898	-2.78631	0.89199	0.944341	-1.05894	0.313604	1.55165	1.55165	2.44957	6.89333	2.50143	1
cg09452728	LOC100128239	0.110759	0.0578867	0.487708	-2.05041	0.255877	0.672198	-1.48766	0.9908	1.00387	1.00387	0.768391	0.90584	-1.10395	0.0871041	0.531168	-1.88264	0.35244	0.725825	-1.37774	0.0164168	0.374523	-2.67006	0.0177094	0.380617	-2.62731	0.539815	0.812314	-1.23105	2.44956	4.35099	1.57888	1
cg15472885	FOXP1	0.11076	0.0596844	0.401359	-2.49154	0.367561	0.671922	-1.48827	0.237192	0.58744	-1.7023	0.417726	1.42725	1.42725	0.0297191	0.333152	-3.00163	0.95532	0.976218	-1.02436	0.138235	0.503771	-1.98503	0.338248	1.52817	1.52817	0.0417771	0.364921	-2.74032	2.44955	7.15933	2.59797	1
cg16451431	NXPH4	0.110766	0.334681	0.809723	-1.23499	0.0562041	0.632087	-1.58206	0.15586	0.724631	-1.38001	0.179102	0.738775	-1.35359	0.0275293	0.57526	-1.73835	0.551272	1.13642	1.13642	0.48265	1.16342	1.16342	0.0697028	0.6503	-1.53775	0.367067	1.21721	1.21721	2.44949	1.74582	0.633534	1
cg21283302	CUX1;CUX1;CUX1	0.110766	0.0580689	0.764808	-1.30752	0.375273	1.12064	1.12064	0.0145996	0.686293	-1.4571	0.372281	0.891672	-1.12149	0.976698	0.996351	-1.00366	0.733868	1.04364	1.04364	0.0974422	1.25564	1.25564	0.391563	0.895945	-1.11614	0.668474	0.947504	-1.0554	2.44949	0.60781	0.220566	1
cg05868491	FMNL2	0.110769	0.259703	1.77753	1.77753	0.588243	1.30659	1.30659	0.153171	2.11355	2.11355	0.49694	1.40134	1.40134	0.7064	0.830984	-1.20339	0.209148	1.91108	1.91108	0.00708511	5.48663	5.48663	0.040735	3.1764	3.1764	0.0975812	2.43351	2.43351	2.44947	9.28562	3.36966	1
cg00028929	KRT5	0.11077	0.989588	0.996902	-1.00311	0.226846	1.35219	1.35219	0.00918163	0.455372	-2.19601	0.386855	0.809832	-1.23482	0.35308	1.25511	1.25511	0.125974	1.48247	1.48247	0.991874	1.00242	1.00242	0.410386	1.22163	1.22163	0.344866	0.793457	-1.26031	2.44945	2.19367	0.796065	1
cg04461334	MAP4K3	0.110771	0.417453	0.631536	-1.58344	0.124574	2.51502	2.51502	0.0524913	3.39712	3.39712	0.83718	1.1209	1.1209	0.0520325	0.293478	-3.40741	0.655076	0.779276	-1.28324	0.0967462	0.363769	-2.749	0.491191	1.47378	1.47378	0.233529	0.50019	-1.99924	2.44944	11.9343	4.33089	1
cg22325703	GPR83	0.110775	0.195859	0.744241	-1.34365	0.944877	0.985178	-1.01504	0.178895	1.36122	1.36122	0.0754789	0.652239	-1.53318	0.107912	0.684664	-1.46057	0.059034	0.631034	-1.5847	0.313713	0.798503	-1.25234	0.714078	0.923608	-1.08271	0.0867228	1.50468	1.50468	2.44941	1.80919	0.656554	1
cg16302458	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.110778	0.662786	1.61078	1.61078	0.0595154	11.1536	11.1536	0.0554444	11.7711	11.7711	?	?	?	?	?	?	?	?	?	?	?	?	0.191044	0.216031	-4.62897	0.26951	3.54292	3.54292	2.94113	28.9626	11.817	1
cg25581090	HSPA2;HSPA2	0.11078	0.467067	1.60891	1.60891	0.19102	2.43438	2.43438	0.583106	1.42789	1.42789	0.178374	2.50644	2.50644	0.20248	0.421182	-2.37427	0.314279	1.95177	1.95177	0.0224294	5.79835	5.79835	0.0517782	4.14677	4.14677	0.0440888	4.42149	4.42149	2.44935	16.0192	5.81349	1
cg14548871	PAX2;PAX2;PAX2;PAX2;PAX2	0.110781	0.942433	0.987937	-1.01221	0.349869	1.17553	1.17553	0.473198	1.13043	1.13043	0.324201	0.842736	-1.18661	0.0192178	0.621248	-1.60966	0.0380383	0.667543	-1.49803	0.174539	0.784502	-1.27469	0.284339	1.20551	1.20551	0.686691	1.07052	1.07052	2.44935	1.09556	0.397588	1
cg22375192	IGF1R	0.110783	0.387004	0.783127	-1.27693	0.0872881	1.68282	1.68282	0.231535	1.41334	1.41334	0.597619	0.863425	-1.15818	0.00818073	0.393392	-2.542	0.477394	0.819419	-1.22038	0.863662	1.04852	1.04852	0.386256	0.78281	-1.27745	0.524805	0.837218	-1.19443	2.44932	2.94835	1.06999	1
cg26505959	ACN9	0.110783	0.226733	0.698961	-1.4307	0.371752	0.771978	-1.29537	0.841435	0.945041	-1.05815	0.0560177	0.542907	-1.84194	0.718331	0.902834	-1.10762	0.0107041	0.404443	-2.47254	0.154935	0.650791	-1.53659	0.0874154	0.587134	-1.70319	0.0350858	0.500149	-1.9994	2.44932	3.08925	1.12113	1
cg25729432	OR8B4	0.110787	0.264605	0.611836	-1.63442	0.0432268	2.67135	2.67135	0.86354	0.929893	-1.07539	0.642604	1.21831	1.21831	0.12352	0.49416	-2.02364	0.977623	0.988219	-1.01192	0.384999	0.686371	-1.45694	0.0146201	0.280717	-3.56231	0.918763	0.957809	-1.04405	2.44929	6.92566	2.51344	1
cg09507934	ORAI2;ORAI2	0.110789	0.0682864	0.270194	-3.70105	0.0905261	3.30554	3.30554	0.79725	1.17944	1.17944	0.652669	1.337	1.337	0.0688011	0.271005	-3.68997	0.786254	0.840085	-1.19036	0.030109	0.194941	-5.12976	0.464313	1.61197	1.61197	0.513657	0.654014	-1.52902	2.44927	15.9418	5.7856	1
cg15745401	P2RY6;P2RY6	0.11079	0.228796	1.52308	1.52308	0.310255	0.704857	-1.41873	0.427703	0.763571	-1.30964	0.082152	0.526472	-1.89944	0.147603	0.595969	-1.67794	0.00661323	0.308991	-3.23634	0.373681	0.73771	-1.35555	0.962368	1.01584	1.01584	0.879237	0.950613	-1.05195	2.44926	4.30465	1.56225	1
cg02571874	TMEM40	0.110792	0.108734	0.366409	-2.72919	0.199828	0.459633	-2.17565	0.640793	1.30956	1.30956	0.179625	0.441316	-2.26595	0.0657681	0.305754	-3.27061	0.375918	0.593619	-1.68458	0.00943498	0.151327	-6.60821	0.0760077	0.322002	-3.10557	0.159811	0.422302	-2.36797	2.44924	12.7769	4.63705	1
cg17462560	LHFPL2	0.110792	0.945487	0.968733	-1.03228	0.817782	1.11317	1.11317	0.0169479	0.258477	-3.86882	0.821128	0.900142	-1.11094	0.935623	1.03824	1.03824	0.51577	1.35815	1.35815	0.229244	0.556483	-1.797	0.0204968	3.65823	3.65823	0.639815	1.24477	1.24477	2.44924	8.37154	3.03823	1
cg11844087	PTPRN2;PTPRN2;PTPRN2	0.110796	0.0780569	1.58709	1.58709	0.830914	0.950804	-1.05174	0.526186	1.1636	1.1636	0.448667	0.833472	-1.1998	0.0213758	0.520793	-1.92015	0.170168	1.4115	1.4115	0.234414	1.34186	1.34186	0.279574	1.30369	1.30369	0.276119	0.765469	-1.30639	2.4492	2.15896	0.783551	1
cg15635442	EML3;ROM1;ROM1	0.110797	0.019296	0.370305	-2.70048	0.275796	1.48879	1.48879	0.0237473	2.57923	2.57923	0.712449	1.13877	1.13877	0.77864	1.10398	1.10398	0.84556	0.933834	-1.07085	0.20529	0.625565	-1.59856	0.897461	0.95575	-1.0463	0.994125	0.997419	-1.00259	2.44919	4.77983	1.73475	1
cg01602690	HOXD9	0.110797	0.900976	1.10307	1.10307	0.696799	1.36146	1.36146	0.232367	2.68296	2.68296	0.895708	0.901815	-1.10887	0.432779	0.532156	-1.87915	0.823447	0.838544	-1.19254	0.748615	0.776186	-1.28835	0.00281807	25.5899	25.5899	0.420008	1.91408	1.91408	2.44919	24.0863	8.7417	1
cg08920807	KIAA1949;KIAA1949;KIAA1949	0.110798	0.182248	2.80998	2.80998	0.75778	0.809235	-1.23573	0.193507	0.367666	-2.71986	0.0488864	6.01106	6.01106	?	?	?	0.0503316	5.90223	5.90223	0.562671	1.49783	1.49783	0.211562	2.59131	2.59131	0.125566	0.289942	-3.44897	3.70215	21.1015	2.8499	1
cg03015114	C3	0.1108	0.406301	0.82527	-1.21172	0.1007	1.50145	1.50145	0.454029	0.841637	-1.18816	0.233795	0.754144	-1.32601	0.237878	0.756168	-1.32246	0.665716	1.10325	1.10325	0.0795314	0.644073	-1.55262	0.32114	1.26076	1.26076	0.0354914	1.73913	1.73913	2.44916	1.98217	0.7194	1
cg27083414	SEC1;CA11	0.110801	0.551441	0.897157	-1.11463	0.246546	1.24389	1.24389	0.0666004	1.44838	1.44838	0.416557	0.861106	-1.1613	0.0514038	0.670695	-1.49099	0.821507	1.04154	1.04154	0.54752	1.11585	1.11585	0.0318051	1.57333	1.57333	0.308402	1.2091	1.2091	2.44915	1.25818	0.456641	1
cg02937802	CXCR2;CXCR2	0.110801	0.73474	1.11397	1.11397	0.221252	0.664936	-1.5039	0.0101924	0.357665	-2.79592	0.556672	0.828062	-1.20764	0.898782	1.04121	1.04121	0.399679	0.760625	-1.31471	0.786242	0.917348	-1.0901	0.0118403	0.368889	-2.71084	0.610065	0.849396	-1.17731	2.44915	3.90673	1.4179	1
cg21168444	ETV6	0.110802	0.185003	1.92102	1.92102	0.683067	0.826427	-1.21003	0.175923	1.95093	1.95093	0.251221	1.74498	1.74498	0.0277679	3.34679	3.34679	0.233232	1.78688	1.78688	0.152595	2.03712	2.03712	0.0299289	3.27478	3.27478	0.0257254	3.42197	3.42197	2.44914	8.36616	3.03641	1
cg19647370	RASSF8;RASSF8;RASSF8	0.110806	0.606193	0.774164	-1.29172	0.0351139	0.29871	-3.34773	0.134373	0.451757	-2.21358	0.380113	1.55765	1.55765	0.229714	0.537754	-1.85959	0.897895	0.938762	-1.06523	0.0435079	3.1352	3.1352	0.181863	2.00882	2.00882	0.92764	1.04573	1.04573	2.44911	9.39836	3.41108	1
cg07011445	NSMCE4A;NSMCE4A;NSMCE4A;NSMCE4A	0.110809	0.0462504	0.619334	-1.61464	0.139448	1.39612	1.39612	0.220362	0.763106	-1.31043	0.683858	0.917686	-1.0897	0.268613	0.785249	-1.27348	0.669214	1.09436	1.09436	0.0508805	0.62708	-1.59469	0.118063	1.42772	1.42772	0.608559	1.11447	1.11447	2.44908	1.70758	0.619762	1
cg23882019	TNFRSF10A	0.11081	0.0772475	2.53809	2.53809	0.0597578	2.73805	2.73805	0.755162	1.15989	1.15989	0.931328	0.959957	-1.04171	0.114322	2.25779	2.25779	0.0829283	2.48523	2.48523	0.0178128	3.91918	3.91918	0.157264	2.04858	2.04858	0.494904	0.719919	-1.38905	2.44907	8.72013	3.16497	1
cg04338129	EFEMP2	0.110811	0.0539256	6.26176	6.26176	0.654808	1.45831	1.45831	0.0218627	10.0392	10.0392	0.124409	4.03406	4.03406	0.712965	1.36311	1.36311	0.473687	1.84213	1.84213	0.488009	1.80519	1.80519	0.0183244	11.0236	11.0236	0.0569404	6.08686	6.08686	2.44906	27.2624	9.89493	1
cg05868799	NCOA2	0.110812	0.216724	0.767487	-1.30295	0.761686	1.06388	1.06388	0.468233	1.16213	1.16213	0.378004	0.831807	-1.2022	0.395187	0.837538	-1.19398	0.431127	0.849088	-1.17773	0.1749	0.745458	-1.34146	0.00410159	0.456579	-2.1902	0.150782	0.73088	-1.36821	2.44905	1.60774	0.583534	1
cg14263628	EFHC1	0.110814	0.513803	0.829705	-1.20525	0.167542	1.51402	1.51402	0.380731	1.28852	1.28852	0.282917	0.730102	-1.36967	0.28585	0.731606	-1.36686	0.0175484	0.442696	-2.25889	0.821852	0.938395	-1.06565	0.0291592	0.484448	-2.06421	0.75046	0.913968	-1.09413	2.44903	3.08325	1.11908	1
cg25430995	PSAP;PSAP;PSAP	0.110814	0.217225	1.14179	1.14179	0.481373	0.92951	-1.07584	0.810388	0.975749	-1.02485	0.818847	1.02371	1.02371	0.0511397	0.797037	-1.25465	0.159725	1.16585	1.16585	0.0138428	0.732958	-1.36433	0.982373	0.997746	-1.00226	0.375201	0.911231	-1.09742	2.44903	0.404627	0.146862	1
cg13301733	LOC440839	0.110815	0.0470007	0.378243	-2.64381	0.0821376	0.438838	-2.27875	0.0904422	0.45032	-2.22064	0.0601644	0.403881	-2.47598	0.156507	0.523017	-1.91198	0.0364397	0.35351	-2.82878	0.030335	0.336653	-2.97041	0.275017	0.615291	-1.62525	0.123929	0.490415	-2.03909	2.44902	7.09308	2.57449	1
cg26396039	TRIM2;TRIM2	0.110817	0.0417649	3.02552	3.02552	0.234769	1.79949	1.79949	0.467433	1.41738	1.41738	0.143308	2.10002	2.10002	0.526962	1.35309	1.35309	0.131019	2.15799	2.15799	0.0171379	3.93738	3.93738	0.0241725	3.55386	3.55386	0.0964579	2.36543	2.36543	2.44899	8.63144	3.13288	1
cg08887028	KIF26B	0.110818	0.497905	0.774246	-1.29158	0.0604524	2.19732	2.19732	0.0650287	2.16054	2.16054	0.690751	0.861834	-1.16032	0.0183876	0.345187	-2.89698	0.672971	0.853973	-1.171	0.403882	1.37383	1.37383	0.773626	0.898312	-1.1132	0.818562	0.918109	-1.0892	2.44899	5.3628	1.94649	1
cg00466544	C14orf101	0.110818	0.412509	0.866775	-1.1537	0.0528791	1.45568	1.45568	0.00854782	1.77275	1.77275	0.524113	1.11646	1.11646	0.769697	0.951137	-1.05137	0.490843	0.887435	-1.12684	0.248953	0.814128	-1.22831	0.805628	1.04297	1.04297	0.936755	1.01363	1.01363	2.44898	1.12945	0.409949	1
cg13199010	MCART2	0.110823	0.932589	0.981714	-1.01863	0.416339	0.834261	-1.19867	0.653422	0.906112	-1.10362	0.48532	0.856698	-1.16727	0.36333	1.22604	1.22604	0.544272	0.874697	-1.14325	0.0161539	1.9002	1.9002	0.0274056	1.76684	1.76684	0.180201	1.36404	1.36404	2.44894	1.84561	0.669897	1
cg13411658	UBR3	0.110825	0.659059	0.899737	-1.11144	0.664965	1.10924	1.10924	0.654623	0.898399	-1.11309	0.0343814	0.55588	-1.79895	0.614088	0.886047	-1.12861	0.233917	0.743096	-1.34572	0.0586289	1.66246	1.66246	0.0431648	1.73941	1.73941	0.685423	1.10175	1.10175	2.44892	2.19597	0.797075	1
cg05033322	ATM;NPAT	0.110827	0.0180246	0.467009	-2.14129	0.364805	0.781318	-1.27989	0.238219	1.38734	1.38734	0.623815	1.13996	1.13996	0.516368	1.1905	1.1905	0.107666	1.59241	1.59241	0.641696	1.13223	1.13223	0.360534	0.779501	-1.28287	0.096242	0.616298	-1.62259	2.44889	2.72372	0.988646	1
cg26735886	TMEM92;TMEM92	0.110835	0.0795615	1.66634	1.66634	0.0516757	1.78806	1.78806	0.152199	1.49553	1.49553	0.189685	1.43984	1.43984	0.0150787	2.18974	2.18974	0.0308285	1.9453	1.9453	0.158767	1.48478	1.48478	0.246118	1.37478	1.37478	0.150882	1.49775	1.49775	2.44882	2.67061	0.969395	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14520913	NNMT	0.110835	0.921951	1.02052	1.02052	0.298074	0.799696	-1.25048	0.0421621	0.615636	-1.62434	0.568682	1.1268	1.1268	0.0110178	0.516414	-1.93643	0.532625	1.13994	1.13994	0.833506	1.04459	1.04459	0.197921	1.32578	1.32578	0.863309	0.964922	-1.03635	2.44882	1.66545	0.604536	1
cg01576737	ZNF440	0.110839	0.592242	0.90826	-1.10101	0.0115019	1.75528	1.75528	0.0387606	1.53105	1.53105	0.737021	0.941779	-1.06182	0.337624	1.19237	1.19237	0.966752	0.992609	-1.00745	0.674647	0.927611	-1.07804	0.887671	0.975159	-1.02547	0.176915	0.774559	-1.29106	2.44878	1.22857	0.445963	1
cg07055993	WDR72	0.11084	0.151366	2.11618	2.11618	0.226524	1.85736	1.85736	0.679716	0.816749	-1.22437	0.599605	0.77237	-1.29472	0.625158	0.786563	-1.27135	0.5689	1.32411	1.32411	0.833572	0.902491	-1.10804	0.00788203	5.27017	5.27017	0.0500691	2.97248	2.97248	2.44877	9.22077	3.34708	1
cg02145310	ZMIZ1	0.11084	0.717898	1.14554	1.14554	0.0194366	2.88108	2.88108	0.0666114	2.1604	2.1604	0.526873	1.27141	1.27141	0.179134	0.585982	-1.70654	0.0977213	1.97477	1.97477	0.400613	0.724537	-1.38019	0.190901	1.6798	1.6798	0.691914	0.861428	-1.16086	2.44877	5.43979	1.97461	1
cg08847335	LARP4B	0.110841	0.31907	2.23779	2.23779	0.0963021	0.239679	-4.17225	0.583041	0.648126	-1.54291	0.303249	2.30284	2.30284	0.722735	0.756784	-1.32138	0.583363	1.54233	1.54233	0.0772329	0.215085	-4.64932	0.031355	7.20907	7.20907	0.152559	3.31547	3.31547	2.44876	23.7315	8.61442	1
cg02436098	TNFAIP8L1;TNFAIP8L1;TNFAIP8L1	0.110842	0.105053	0.461468	-2.167	0.253049	0.593791	-1.68409	0.772124	0.880923	-1.13517	0.0849955	0.435362	-2.29694	0.152806	0.512447	-1.95142	0.694674	0.841776	-1.18797	0.0182084	0.28602	-3.49626	0.0124336	0.257116	-3.8893	0.476434	0.728966	-1.37181	2.44875	7.39348	2.68381	1
cg13214542	C18orf21	0.110843	0.612058	0.900536	-1.11045	0.409937	0.841453	-1.18842	0.666214	1.09297	1.09297	0.237646	1.28841	1.28841	0.0152282	0.543041	-1.84148	0.644885	0.909311	-1.09973	0.0269058	0.584568	-1.71066	0.152236	0.730398	-1.36912	0.649005	1.09842	1.09842	2.44874	1.62747	0.590768	1
cg03136646	MMP23A;MMP23B	0.110843	0.971287	1.01788	1.01788	0.015968	4.27433	4.27433	0.111521	2.34771	2.34771	0.115878	2.31972	2.31972	0.0716667	2.69192	2.69192	0.319855	1.65885	1.65885	0.152239	2.12785	2.12785	0.370555	0.635887	-1.57261	0.0818929	2.5837	2.5837	2.44874	9.40201	3.41292	1
cg12055220	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.110845	0.0569138	4.35519	4.35519	0.492903	1.6089	1.6089	0.054863	4.42352	4.42352	0.186199	0.384022	-2.60402	0.980008	0.983034	-1.01726	0.71103	0.7756	-1.28932	0.0150434	7.69613	7.69613	0.829287	1.15888	1.15888	0.470547	1.65084	1.65084	2.44872	18.0855	6.56507	1
cg00579706	TFCP2L1	0.110846	0.0712963	0.294599	-3.39444	0.100146	0.335239	-2.98294	0.0563229	0.269515	-3.71037	0.854083	0.894318	-1.11817	0.0136966	0.157317	-6.35658	0.18721	0.428232	-2.33518	0.227204	0.463409	-2.15792	0.646798	0.755856	-1.323	0.0411437	0.239441	-4.17639	2.44872	14.2748	5.18179	1
cg11609940	ALOX15	0.110849	0.202164	0.390411	-2.5614	0.0746992	0.24991	-4.00144	0.470956	0.599165	-1.66899	0.096587	0.279673	-3.57561	0.0629277	0.231939	-4.31147	0.137581	0.327296	-3.05533	0.0157113	0.12646	-7.90767	0.0346315	0.178981	-5.58718	0.137007	0.326682	-3.06108	2.44869	18.9188	6.86766	1
cg16403299	C1orf97	0.110849	0.467848	0.807876	-1.23781	0.883382	1.0433	1.0433	0.387554	1.29148	1.29148	0.964737	0.987313	-1.01285	0.902368	0.965177	-1.03608	0.291599	0.729022	-1.3717	0.069588	0.556457	-1.79708	0.0115442	2.49004	2.49004	0.17189	1.52199	1.52199	2.44869	3.23496	1.17431	1
cg21037362	UTP15	0.110849	0.416117	0.63569	-1.57309	0.0221124	0.224077	-4.46275	0.0851718	0.354348	-2.82208	0.100998	0.375671	-2.6619	0.100179	0.37462	-2.66937	0.844286	1.11315	1.11315	0.0939169	0.366405	-2.72922	0.83775	0.894252	-1.11825	0.0250111	0.233735	-4.27834	2.44868	11.5234	4.18307	1
cg12728543	RFWD2;RFWD2	0.110853	0.079398	0.634507	-1.57603	0.910969	1.02648	1.02648	0.958229	0.987839	-1.01231	0.35603	0.801087	-1.2483	0.0106051	2.11873	2.11873	0.50662	0.85435	-1.17048	0.126565	1.47123	1.47123	0.546654	0.867179	-1.15316	0.751769	1.07695	1.07695	2.44865	2.11658	0.768342	1
cg14391568	WNK2	0.110853	0.93214	0.972968	-1.02778	0.606998	0.846244	-1.18169	0.0870156	0.544382	-1.83694	0.803645	0.922968	-1.08346	0.0640124	0.511816	-1.95383	0.888113	0.955713	-1.04634	0.00452345	0.296014	-3.37822	0.890093	0.956486	-1.04549	0.194237	0.642803	-1.55569	2.44864	4.01534	1.45762	1
cg05996578	NCK2;NCK2	0.110853	0.731787	0.896056	-1.116	0.456178	0.784983	-1.27391	0.244667	0.678252	-1.47438	0.0322256	0.449285	-2.22576	0.067234	0.519824	-1.92373	0.507232	0.806843	-1.2394	0.0576733	0.504242	-1.98318	0.0864592	1.82969	1.82969	0.609605	1.17855	1.17855	2.44864	3.9464	1.4326	1
cg05258935	MAP4K1;MAP4K1	0.110866	0.0495415	25.2417	25.2417	0.233109	0.165075	-6.05785	0.0968239	13.8201	13.8201	0.190932	7.35378	7.35378	0.513758	2.59636	2.59636	0.906344	1.1848	1.1848	0.595429	2.16437	2.16437	0.0948535	14.0803	14.0803	0.0165737	67.7984	67.7984	2.44852	80.5004	29.2242	1
cg16453673	APPL2	0.110867	0.0376795	0.58537	-1.70832	0.0537987	0.614851	-1.62641	0.0603802	0.624723	-1.60071	0.816024	0.949548	-1.05313	0.0825818	0.652416	-1.53276	0.355567	0.809698	-1.23503	0.16856	1.38527	1.38527	0.583344	1.13094	1.13094	0.715894	0.922016	-1.08458	2.4485	1.91342	0.694637	1
cg07487731	PCDHB18	0.11087	0.0614719	5.14138	5.14138	0.0861359	4.36539	4.36539	0.622527	1.47053	1.47053	0.732825	1.30514	1.30514	0.0788991	0.219498	-4.55584	0.494187	1.71526	1.71526	0.263967	2.47182	2.47182	0.0355073	6.70156	6.70156	0.109869	3.87472	3.87472	2.44848	23.4227	8.5033	1
cg16337542	IGF2R	0.110872	0.805095	0.942799	-1.06067	0.0875011	0.638003	-1.56739	0.817165	1.05672	1.05672	0.923734	0.977446	-1.02307	0.782427	1.06818	1.06818	0.149992	0.692341	-1.44437	0.0763186	1.59968	1.59968	0.0175621	1.99064	1.99064	0.580552	0.87549	-1.14222	2.44846	2.20106	0.799073	1
cg08272591	EXTL3	0.110874	0.896819	0.97139	-1.02945	0.570396	0.879583	-1.1369	0.921932	1.02217	1.02217	0.409194	1.20786	1.20786	0.0418867	0.591761	-1.68987	0.0393067	0.586554	-1.70487	0.188814	1.36545	1.36545	0.655123	1.10582	1.10582	0.0399238	0.587826	-1.70118	2.44844	1.94106	0.704686	1
cg09584591	TGFBI	0.110875	0.0282764	3.62878	3.62878	0.0113085	4.84884	4.84884	0.21892	1.90315	1.90315	0.101305	2.44228	2.44228	0.493228	1.41385	1.41385	0.0445985	3.15093	3.15093	0.403753	1.52992	1.52992	0.225321	1.88471	1.88471	0.80452	1.13136	1.13136	2.44843	9.60503	3.48706	1
cg00237520	COL23A1	0.110876	0.677441	1.17748	1.17748	0.045069	2.45503	2.45503	0.343373	0.683009	-1.46411	0.955743	0.978557	-1.02191	0.227778	0.609885	-1.63965	0.593867	1.23395	1.23395	0.00992183	0.28021	-3.56875	0.773887	0.893591	-1.11908	0.765979	0.889958	-1.12365	2.44842	5.91544	2.14758	1
cg12044130	EXT1	0.110877	0.668617	0.860588	-1.162	0.49856	0.786985	-1.27067	0.827745	1.07894	1.07894	0.608091	0.834984	-1.19763	0.0582292	0.474115	-2.10919	0.643747	1.1763	1.1763	0.0182554	2.71553	2.71553	0.15809	1.69244	1.69244	0.150316	0.584145	-1.7119	2.44841	4.71422	1.71148	1
cg16998883	TAF13	0.110878	0.797339	0.775052	-1.29024	0.10914	5.77129	5.77129	0.133375	5.06178	5.06178	0.0248927	0.0660754	-15.1342	?	?	?	?	?	?	0.708659	0.689469	-1.45039	0.331922	2.70652	2.70652	0.318865	2.78702	2.78702	2.65051	31.3225	11.8175	1
cg06204009	ATP2B3;ATP2B3	0.110879	0.0226245	4.56023	4.56023	0.978083	0.984845	-1.01539	0.524217	0.698532	-1.43157	0.583027	1.36097	1.36097	0.0375613	0.261522	-3.82377	0.155307	2.32872	2.32872	0.467486	1.5083	1.5083	0.271598	1.88929	1.88929	0.200411	2.12088	2.12088	2.44839	11.9828	4.35037	1
cg09705922	CRAMP1L	0.110879	0.00814498	1.57087	1.57087	0.188756	1.20403	1.20403	0.656261	1.06155	1.06155	0.536431	0.919912	-1.08706	0.200118	1.19779	1.19779	0.944848	1.00927	1.00927	0.701511	1.05269	1.05269	0.126354	0.802103	-1.24672	0.179799	1.20921	1.20921	2.44839	0.689483	0.250317	1
cg02310882	ZFHX3	0.110879	0.0169825	0.187033	-5.34666	0.77314	0.846659	-1.18111	0.972462	0.980317	-1.02008	0.283663	0.526515	-1.89928	0.132891	0.393069	-2.54409	0.136943	0.397465	-2.51594	0.0879624	0.338087	-2.95782	0.0140659	0.174508	-5.7304	0.328247	0.559254	-1.7881	2.44839	12.8609	4.66915	1
cg17995652	HEY1;HEY1	0.11088	0.168683	0.520704	-1.92048	0.397974	1.46971	1.46971	0.930932	0.962164	-1.03932	0.727101	0.855654	-1.1687	0.0872864	0.431712	-2.31636	0.842762	1.09239	1.09239	0.0118559	0.247145	-4.04621	0.0341153	0.332814	-3.00468	0.418388	0.692173	-1.44473	2.44839	7.67669	2.78703	1
cg22045975	MORN1	0.110881	0.0817475	0.511782	-1.95396	0.484852	0.781536	-1.27953	0.302158	0.689909	-1.44947	0.0488025	0.457776	-2.18448	0.0086844	0.313027	-3.19461	0.704057	0.875881	-1.14171	0.0438552	0.447346	-2.23541	0.308073	0.693248	-1.44248	0.178139	0.608446	-1.64353	2.44837	4.67608	1.69766	1
cg08120951	MGC23284;MGC23284	0.110885	0.411253	0.871314	-1.14769	0.232555	0.814447	-1.22783	0.703458	1.06471	1.06471	0.535111	0.902147	-1.10847	0.00362963	0.524516	-1.90652	0.92488	1.01558	1.01558	0.325364	1.18116	1.18116	0.341738	0.851624	-1.17423	0.280666	0.832063	-1.20183	2.44833	1.04228	0.37841	1
cg03437479	ZNF397OS;ZNF397OS	0.110886	0.335073	0.678007	-1.47491	0.0293116	0.366566	-2.72802	0.161704	0.557582	-1.79346	0.706902	0.86272	-1.15912	0.0264149	0.357357	-2.79832	0.193689	0.584148	-1.7119	0.0357747	0.384805	-2.59872	0.0368106	0.387485	-2.58074	0.543318	0.786239	-1.27188	2.44832	5.92537	2.15127	1
cg22060621	PDLIM3;PDLIM3;PDLIM3;PDLIM3	0.11089	0.123161	0.545879	-1.83191	0.734115	1.13153	1.13153	0.459668	0.761188	-1.31374	0.469356	1.3058	1.3058	0.294635	1.48286	1.48286	0.288921	0.670977	-1.49037	0.069693	2.0861	2.0861	0.0336767	2.45755	2.45755	0.0966011	1.93709	1.93709	2.44829	5.09434	1.84958	1
cg02159094	TRAPPC9;TRAPPC9	0.11089	0.196543	0.845338	-1.18296	0.193194	1.18463	1.18463	0.981894	1.0028	1.0028	0.740599	1.04173	1.04173	0.196506	0.845325	-1.18298	0.349124	1.12592	1.12592	0.0126453	1.46437	1.46437	0.152771	0.828261	-1.20735	0.629295	1.06168	1.06168	2.44829	0.58707	0.213145	1
cg26059202	SPOCK1	0.110891	0.163578	2.10563	2.10563	0.0137348	4.59899	4.59899	0.0987001	2.47634	2.47634	0.594671	1.3086	1.3086	0.245307	1.83789	1.83789	0.0737042	2.71417	2.71417	0.0195976	4.10584	4.10584	0.146276	2.18375	2.18375	0.537964	1.36659	1.36659	2.44827	9.72555	3.53104	1
cg20632887	ATP1A2;ATP1A2	0.110893	0.0290541	0.133789	-7.47448	0.0414489	0.159055	-6.28713	0.34862	0.470287	-2.12636	0.513742	0.595855	-1.67826	0.0239573	0.121729	-8.21494	0.0536981	0.18036	-5.54447	0.110156	0.256333	-3.90118	0.477375	0.56846	-1.75914	0.104326	0.249522	-4.00767	2.44825	23.7015	8.60532	1
cg11355217	SH3RF3	0.110896	0.077774	0.316241	-3.16214	0.368369	0.581203	-1.72057	0.632548	0.753571	-1.32701	0.73618	0.819872	-1.2197	0.0188091	0.187935	-5.32098	0.11682	2.7202	2.7202	0.147736	2.48975	2.48975	0.621311	0.746426	-1.33972	0.503381	1.49012	1.49012	2.44822	13.3755	4.8563	1
cg07996555	DIP2C	0.110898	0.248026	0.834317	-1.19859	0.83798	0.969756	-1.03119	0.922511	1.0147	1.0147	0.246031	0.83362	-1.19959	0.458224	0.892884	-1.11997	0.0701948	1.35475	1.35475	0.0210967	1.51594	1.51594	0.361302	0.868699	-1.15115	0.129813	1.27821	1.27821	2.44821	0.872381	0.316742	1
cg10665071	DNAJB6	0.110898	0.107113	0.334319	-2.99115	0.173452	0.405675	-2.46503	0.783086	1.18757	1.18757	0.918985	0.938591	-1.06543	0.0490611	0.246695	-4.05359	0.0939388	0.317505	-3.14956	0.0448631	0.238306	-4.19628	0.0204996	0.175686	-5.69196	0.157491	0.390011	-2.56403	2.4482	15.0456	5.46271	1
cg15792688	ZNF718	0.110899	0.588594	1.08974	1.08974	0.789108	1.04309	1.04309	0.681438	1.06711	1.06711	0.0101646	1.66547	1.66547	0.0895482	0.744856	-1.34254	0.774043	0.955713	-1.04634	0.167018	1.2609	1.2609	0.410048	1.14177	1.14177	0.0916876	1.33941	1.33941	2.4482	0.960213	0.348633	1
cg13127591	KRTAP9-9;KRTAP9-8	0.110901	0.795644	0.784345	-1.27495	0.667663	1.49819	1.49819	0.5421	0.56126	-1.78171	0.733691	0.726435	-1.37659	0.44054	0.478955	-2.08788	0.276198	0.346429	-2.8866	0.00488297	0.0304493	-32.8415	0.0267688	0.0857892	-11.6565	0.586658	0.598225	-1.67161	2.44818	33.9629	12.3313	1
cg21518056	NUDT19	0.110903	0.0391419	0.705748	-1.41694	0.0585921	1.36604	1.36604	0.345223	1.15249	1.15249	0.884943	1.02136	1.02136	0.535525	0.912469	-1.09593	0.362234	0.872216	-1.1465	0.0453404	0.715221	-1.39817	0.315798	1.16348	1.16348	0.978734	0.996116	-1.0039	2.44816	0.82638	0.300046	1
cg17541553	UNC84A;UNC84A	0.110905	0.524117	0.779387	-1.28306	0.976366	0.988627	-1.0115	0.199289	1.68815	1.68815	0.192605	0.58718	-1.70305	0.00930135	0.279727	-3.57492	0.0811057	0.473941	-2.10997	0.36097	1.43703	1.43703	0.906141	0.955481	-1.04659	0.325185	0.675536	-1.48031	2.44814	5.77986	2.09859	1
cg15276922	STK3	0.110907	0.101802	0.391579	-2.55376	0.597095	0.75636	-1.32212	0.140878	0.436447	-2.29123	0.426193	0.653554	-1.53009	0.00824327	0.170534	-5.86392	0.0749911	0.354167	-2.82353	0.135868	0.431149	-2.31938	0.748985	1.183	1.183	0.0798797	0.361559	-2.7658	2.44812	10.6245	3.85765	1
cg23620076	ACOX3;ACOX3	0.110908	0.072061	0.774079	-1.29186	0.173629	1.20279	1.20279	0.286435	1.15164	1.15164	0.998636	1.00022	1.00022	0.373222	0.889949	-1.12366	0.172943	1.20319	1.20319	0.0301675	1.38424	1.38424	0.172345	0.830884	-1.20354	0.972044	1.00448	1.00448	2.44811	0.630742	0.229018	1
cg25227672	HEPACAM;HEPACAM	0.11091	0.267525	0.533348	-1.87495	0.00414744	0.123512	-8.09639	0.0976469	0.371944	-2.68857	0.848674	0.901265	-1.10955	0.215486	0.491905	-2.03291	0.157391	0.439194	-2.2769	0.483199	0.678549	-1.47373	0.203527	0.481721	-2.07589	0.674008	1.2589	1.2589	2.44809	11.4826	4.16928	1
cg11967431	LOC440461	0.110912	0.658798	0.832441	-1.20129	0.152775	1.8813	1.8813	0.874016	0.936613	-1.06768	0.15879	1.86189	1.86189	0.260922	1.62235	1.62235	0.00587522	4.42731	4.42731	0.47269	0.73976	-1.35179	0.127065	1.97585	1.97585	0.810404	1.10427	1.10427	2.44807	6.60333	2.39765	1
cg01294058	CDKN1C;CDKN1C;CDKN1C	0.110917	0.877854	0.964823	-1.03646	0.141595	1.44487	1.44487	0.494049	1.17551	1.17551	0.172464	1.40229	1.40229	0.421356	0.825918	-1.21077	0.120021	0.675224	-1.48099	0.0218705	0.52701	-1.8975	0.238653	1.33291	1.33291	0.351552	1.25011	1.25011	2.44802	2.102	0.763247	1
cg21171115	AKAP2;PALM2-AKAP2;PALM2-AKAP2;AKAP2	0.110917	0.0477111	0.303123	-3.29899	0.451889	0.667613	-1.49787	0.417024	0.645804	-1.54846	0.248439	0.529386	-1.88898	0.115933	0.406254	-2.46151	0.770435	1.16679	1.16679	0.00622224	0.152565	-6.55458	0.893441	1.07321	1.07321	0.157978	0.451221	-2.21621	2.44802	10.7752	3.91254	1
cg21294935	VAX2	0.110917	0.875913	0.940594	-1.06316	0.474168	1.33012	1.33012	0.814126	1.0967	1.0967	0.48025	1.32476	1.32476	0.683083	1.17454	1.17454	0.895511	1.05285	1.05285	0.0892019	2.08457	2.08457	0.00331506	4.79438	4.79438	0.111263	1.97368	1.97368	2.44802	5.95525	2.16239	1
cg00415582	KLC4;KLC4;KLC4;KLC4;MRPL2;MRPL2	0.110921	0.191964	1.27725	1.27725	0.20456	0.788848	-1.26767	0.5475	1.11387	1.11387	0.104932	0.730571	-1.36879	0.0513901	1.48137	1.48137	0.711144	0.936223	-1.06812	0.238931	0.803714	-1.24422	0.141663	1.32309	1.32309	0.125129	1.34191	1.34191	2.44798	1.21696	0.441892	1
cg08995424	ATP5G2;ATP5G2	0.110922	0.533161	0.570531	-1.75275	0.557027	0.589739	-1.69567	0.871972	0.866412	-1.15418	0.0340357	9.02249	9.02249	0.808479	0.805809	-1.24099	0.488215	1.87031	1.87031	0.809703	0.806948	-1.23924	0.0286947	9.91845	9.91845	0.027468	10.1623	10.1623	2.44797	30.6481	11.1287	1
cg11360860	CMTM7;CMTM7	0.110929	0.928199	1.05219	1.05219	0.0500929	0.283388	-3.52873	0.0442838	0.271406	-3.68451	0.33483	1.75315	1.75315	0.917462	0.943167	-1.06026	0.667851	0.783753	-1.27591	0.35198	0.582368	-1.71713	0.0364912	3.94336	3.94336	0.501266	1.47003	1.47003	2.4479	12.3522	4.48536	1
cg19479481	SOCS4;SOCS4;WDHD1;WDHD1	0.11093	0.179941	1.28281	1.28281	0.752354	0.946146	-1.05692	0.129123	1.33214	1.33214	0.223511	1.25064	1.25064	0.574236	0.905494	-1.10437	0.875938	1.0277	1.0277	0.0132821	0.584745	-1.71015	0.151578	0.764375	-1.30826	0.777731	1.05074	1.05074	2.4479	1.18571	0.43056	1
cg04453594	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA8;PCDHGA7;PCDHGB2	0.110935	0.16138	2.13969	2.13969	0.0449796	3.22243	3.22243	0.2121	1.95127	1.95127	0.233637	1.88716	1.88716	0.283125	1.76328	1.76328	0.579687	1.32912	1.32912	0.0357634	3.46465	3.46465	0.00916424	5.38203	5.38203	0.149041	2.19676	2.19676	2.44785	10.0278	3.64142	1
cg17031165	LSS;LSS;MCM3APAS;LSS;LSS;LSS	0.110935	0.894881	1.03127	1.03127	0.423136	0.826517	-1.2099	0.529917	0.862264	-1.15974	0.115229	0.6711	-1.49009	0.978135	1.0064	1.0064	0.0291153	0.54943	-1.82007	0.0369674	0.568806	-1.75807	0.308501	1.27822	1.27822	0.13533	1.45483	1.45483	2.44784	2.10272	0.763564	1
cg06214831	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.110936	0.115951	1.58851	1.58851	0.26059	0.727728	-1.37414	0.734758	1.09649	1.09649	0.836751	1.05748	1.05748	0.0188903	0.462922	-2.16019	0.795086	0.93193	-1.07304	0.0860528	1.6716	1.6716	0.721606	1.10176	1.10176	0.149453	0.657933	-1.51991	2.44784	2.84436	1.03288	1
cg17626178	PARD3B;PARD3B;PARD3B	0.110938	0.998976	1.0002	1.0002	0.958272	1.00826	1.00826	0.742408	1.05324	1.05324	0.915018	1.01693	1.01693	0.0455523	0.69726	-1.43418	0.574968	1.09319	1.09319	0.301556	0.845075	-1.18333	0.00493912	0.556828	-1.79589	0.91338	0.983033	-1.01726	2.44781	0.958829	0.348185	1
cg10288307	PTPRN2;PTPRN2;PTPRN2	0.110939	0.343718	0.811432	-1.23239	0.183102	1.3534	1.3534	0.704825	1.08495	1.08495	0.977167	0.993888	-1.00615	0.242534	1.29955	1.29955	0.204699	1.33202	1.33202	0.0942784	1.483	1.483	0.462053	1.17397	1.17397	0.0155936	0.529787	-1.88755	2.44781	1.77922	0.646101	1
cg11477977	LEPROTL1;LEPROTL1	0.11094	0.102942	0.685406	-1.45899	0.318987	0.80407	-1.24367	0.172155	0.735128	-1.36031	0.119688	0.69943	-1.42973	0.377435	0.825503	-1.21138	0.855771	1.03928	1.03928	0.00488234	0.453861	-2.20332	0.535959	0.875719	-1.14192	0.56817	1.12992	1.12992	2.4478	1.73804	0.63115	1
cg27614489	DLL1	0.110941	0.59785	0.853199	-1.17206	0.0102225	0.380729	-2.62654	0.389071	0.768544	-1.30116	0.827595	1.06721	1.06721	0.0986527	0.582692	-1.71617	0.389399	1.30091	1.30091	0.0884269	1.75177	1.75177	0.826097	1.06783	1.06783	0.962559	0.986097	-1.0141	2.44779	3.44842	1.25226	1
cg13875133	PAPPA	0.110946	0.0428413	2.53767	2.53767	0.0223179	2.98595	2.98595	0.059975	2.33444	2.33444	0.31344	1.51667	1.51667	0.636534	1.20945	1.20945	0.93073	0.965863	-1.03534	0.475014	0.748101	-1.33672	0.0479267	2.46803	2.46803	0.26592	1.58904	1.58904	2.44774	6.18729	2.24689	1
cg02200132	EIF4A2;SNORD2	0.110952	0.0345619	1.65031	1.65031	0.693493	0.922639	-1.08385	0.955773	1.01134	1.01134	0.0204223	1.76467	1.76467	0.126373	1.39953	1.39953	0.486776	1.15446	1.15446	0.0332637	1.65833	1.65833	0.897666	0.974184	-1.0265	0.195883	1.32051	1.32051	2.44768	1.60173	0.581678	1
cg07935340	NPPC	0.110953	0.610297	1.36655	1.36655	0.295891	0.517602	-1.93199	0.775451	0.840496	-1.18977	0.210818	2.22792	2.22792	0.435428	1.62169	1.62169	0.739934	1.22433	1.22433	0.00454266	0.100578	-9.94254	0.717292	1.24723	1.24723	0.593315	1.38751	1.38751	2.44767	14.3102	5.19682	1
cg05198733	FAM111A;FAM111A;FAM111A;FAM111A;FAM111A	0.110954	0.866791	0.907597	-1.10181	0.390659	1.66194	1.66194	0.524987	0.689334	-1.45068	0.0193202	5.12417	5.12417	0.266292	0.512249	-1.95218	0.0159067	5.50302	5.50302	0.999298	0.999492	-1.00051	0.272049	1.93536	1.93536	0.5899	1.36924	1.36924	2.44766	12.93	4.69563	1
cg01534363	TAF7	0.110955	0.541139	1.31377	1.31377	0.436305	1.41955	1.41955	0.243698	1.71274	1.71274	0.927567	0.960684	-1.04093	0.017676	0.280003	-3.57139	0.144262	1.99757	1.99757	0.590583	0.786952	-1.27073	0.0637133	0.398702	-2.50814	0.329929	0.641774	-1.55818	2.44765	7.54393	2.73965	1
cg15815318	RTN1;RTN1	0.110955	0.0366236	0.251872	-3.97027	0.259337	0.51267	-1.95057	0.91984	1.05882	1.05882	0.845175	0.894934	-1.1174	0.0270365	0.226201	-4.42085	0.274976	0.524728	-1.90575	0.0366587	0.251957	-3.96893	0.0386375	0.256678	-3.89594	0.197814	0.461693	-2.16594	2.44765	12.4968	4.53835	1
cg15249961	MCF2L	0.110956	0.14849	0.665002	-1.50376	0.0335718	1.9223	1.9223	0.358248	1.28234	1.28234	0.901314	1.0332	1.0332	0.189014	0.693295	-1.44239	0.706014	0.905058	-1.1049	0.027974	0.504852	-1.98078	0.378461	0.788309	-1.26854	0.845237	1.05279	1.05279	2.44764	2.68619	0.97552	1
cg07057444	MBOAT1	0.110956	0.479645	1.17824	1.17824	0.321139	0.791391	-1.2636	0.11064	1.48703	1.48703	0.340319	0.799076	-1.25144	0.0682525	0.627508	-1.59361	0.230153	0.750242	-1.3329	0.0623166	1.61434	1.61434	0.155394	1.41482	1.41482	0.446156	0.837572	-1.19393	2.44764	2.01959	0.733436	1
cg18394567	RAP1GAP2;RAP1GAP2	0.110957	0.0482278	5.94645	5.94645	0.0663815	5.08351	5.08351	0.163911	3.23205	3.23205	0.167598	3.19507	3.19507	0.484155	0.570355	-1.75329	0.443005	1.85465	1.85465	0.0183146	9.59331	9.59331	0.0629906	5.21621	5.21621	0.293033	2.36659	2.36659	2.44763	24.1768	8.78011	1
cg03150210	MKL2	0.110959	0.89464	0.972611	-1.02816	0.0150117	0.534399	-1.87126	0.491558	1.15769	1.15769	0.344897	0.815544	-1.22618	0.0313372	0.588997	-1.6978	0.601371	1.11681	1.11681	0.147279	1.38532	1.38532	0.945833	0.98586	-1.01434	0.994346	1.00149	1.00149	2.44761	1.70284	0.618414	1
cg16603896	RRN3	0.110959	0.386102	1.17457	1.17457	0.246696	1.24528	1.24528	0.418626	0.860997	-1.16144	0.876423	1.02858	1.02858	0.702261	1.07203	1.07203	0.217108	0.790439	-1.26512	0.112896	0.731631	-1.36681	0.156292	0.759854	-1.31604	0.016633	1.69818	1.69818	2.44761	1.27124	0.46167	1
cg00058879	CACNA1I;CACNA1I	0.110961	0.168998	3.23912	3.23912	0.329076	2.24309	2.24309	0.32432	2.26224	2.26224	0.37022	2.09174	2.09174	0.0365522	0.142466	-7.01923	0.867927	0.875044	-1.1428	0.631886	0.679013	-1.47273	0.440744	0.532304	-1.87863	0.0230336	8.84762	8.84762	2.4476	24.9345	9.05541	1
cg19696333	IKZF5;IKZF5;ACADSB	0.110963	0.26558	0.529018	-1.8903	0.225691	0.497017	-2.012	0.952131	1.03328	1.03328	0.565443	1.37356	1.37356	?	?	?	0.0126744	0.173787	-5.75417	0.45255	1.51975	1.51975	0.365665	1.66363	1.66363	0.149834	2.34235	2.34235	2.61991	10.7394	3.58675	1
cg03200801	TMEM63B;MRPL14	0.110963	0.323147	0.792257	-1.26222	0.580758	0.880479	-1.13575	0.859238	0.960302	-1.04134	0.125618	1.45969	1.45969	0.213502	1.34839	1.34839	0.163937	0.712522	-1.40346	0.0616452	0.745142	-1.34203	0.0616452	0.618575	-1.61662	0.028824	0.555315	-1.80078	2.44757	2.01847	0.73305	1
cg00431187	HOXA3	0.110965	0.102555	6.21534	6.21534	0.813596	1.27325	1.27325	0.159725	4.64837	4.64837	0.0974281	6.42451	6.42451	0.0370172	11.9041	11.9041	0.741774	0.713069	-1.40239	0.521918	0.514875	-1.94222	0.0331757	12.7641	12.7641	0.062299	8.5517	8.5517	2.44755	40.5462	14.7253	1
cg27519942	KIF26B	0.110965	0.993426	0.998279	-1.00172	0.733002	0.930903	-1.07423	0.52869	0.875059	-1.14278	0.208212	1.31975	1.31975	0.572565	0.887605	-1.12663	0.539054	0.87806	-1.13887	0.00315009	0.430068	-2.32521	0.296953	0.797629	-1.25372	0.387224	0.830833	-1.20361	2.44755	1.69489	0.615541	1
cg03559234	NRK	0.110966	0.843365	0.879576	-1.13691	0.293613	0.493318	-2.02709	0.670441	0.757567	-1.32002	0.0920685	3.32937	3.32937	0.497156	0.639469	-1.5638	0.385155	0.561301	-1.78157	0.655928	1.33758	1.33758	0.00625314	10.0854	10.0854	0.874501	1.10796	1.10796	2.44754	16.3078	5.9226	1
cg25356719	ADARB2	0.110967	0.316211	0.459162	-2.17788	0.416761	0.536125	-1.86524	0.260728	0.414329	-2.41354	0.0446055	0.176914	-5.65246	0.00835848	0.07956	-12.5691	0.231059	0.389205	-2.56934	0.084273	0.238206	-4.19804	0.251	0.406196	-2.46186	0.0450381	0.177712	-5.62707	2.44754	21.8708	7.94298	1
cg07494617	MCM5	0.110967	0.953452	1.02169	1.02169	0.0956925	0.510325	-1.95954	0.100657	0.516342	-1.9367	0.175058	1.69919	1.69919	0.516838	1.27327	1.27327	0.0187842	0.35116	-2.84771	0.293643	0.670041	-1.49245	0.323392	1.45487	1.45487	0.408842	0.733071	-1.36412	2.44753	5.23752	1.90215	1
cg15159605	LHX5	0.110972	0.272864	0.327568	-3.0528	0.10383	0.175624	-5.69399	0.511473	0.521399	-1.91792	0.519545	0.528085	-1.89364	0.286607	0.338858	-2.95108	0.156203	0.226847	-4.40826	0.00264811	0.0171241	-58.3973	0.619316	0.612745	-1.632	0.412334	0.440556	-2.26986	2.44748	37.0733	13.4645	1
cg12042055	LOC646762	0.110973	0.774221	1.05587	1.05587	0.527108	0.885924	-1.12876	0.470543	1.14885	1.14885	0.37443	1.18807	1.18807	0.0415374	0.641308	-1.55931	0.828835	0.9599	-1.04177	0.0123886	0.555187	-1.80119	0.863797	1.03299	1.03299	0.191266	1.29893	1.29893	2.44748	1.38498	0.503005	1
cg02281167	TRIM15	0.110974	0.270275	2.33551	2.33551	0.0169552	8.60081	8.60081	0.277655	2.30308	2.30308	0.852313	0.871347	-1.14765	0.919596	0.928105	-1.07746	0.422051	1.83314	1.83314	0.260659	0.42024	-2.37959	0.180665	2.85875	2.85875	0.0211641	7.75309	7.75309	2.44746	21.1658	7.68717	1
cg06332111	H2AFY2	0.110975	0.491253	0.902114	-1.10851	0.0641757	1.35863	1.35863	0.577765	1.08639	1.08639	0.940612	1.01104	1.01104	0.111254	0.774432	-1.29127	0.284156	0.84879	-1.17815	0.0138678	0.6389	-1.56519	0.585216	1.0846	1.0846	0.436367	0.889585	-1.12412	2.44746	0.841571	0.305649	1
cg15404791	MYLIP	0.110977	0.760301	0.887942	-1.1262	0.0396035	0.396801	-2.52016	0.357908	0.692667	-1.44369	0.325632	1.4832	1.4832	0.428516	1.3688	1.3688	0.317617	0.669502	-1.49365	0.0320268	0.376946	-2.6529	0.0939544	2.04477	2.04477	0.762644	1.12484	1.12484	2.44743	5.84731	2.1237	1
cg05477823	TBX2	0.11098	0.331746	2.20869	2.20869	0.774702	0.796849	-1.25494	0.395073	1.99221	1.99221	0.161882	3.26056	3.26056	0.00602994	17.0966	17.0966	0.633399	1.46261	1.46261	0.482148	0.568197	-1.75995	0.0540375	5.64326	5.64326	0.232421	2.69374	2.69374	2.44741	24.2711	8.81517	1
cg25515317	CAV1	0.110983	0.450836	1.25611	1.25611	0.782016	0.920976	-1.0858	0.0285181	0.464387	-2.15338	0.125539	0.611374	-1.63566	0.182179	1.52233	1.52233	0.601477	1.16929	1.16929	0.0330492	0.477245	-2.09536	0.341787	0.747729	-1.33738	0.258145	0.704551	-1.41934	2.44738	3.41426	1.24006	1
cg25639566	RBM47	0.110983	0.95523	0.982481	-1.01783	0.276324	0.700133	-1.4283	0.013725	0.383161	-2.60987	0.183998	0.641661	-1.55846	0.0301583	0.448148	-2.23141	0.34708	0.737265	-1.35636	0.0351249	0.461757	-2.16564	0.339289	0.733396	-1.36352	0.107282	0.574979	-1.73919	2.44738	3.84163	1.39528	1
cg14188111	C1orf77;S100A13	0.110984	0.035404	0.250875	-3.98605	0.169586	0.437811	-2.28409	0.267677	0.521098	-1.91902	0.190246	0.456992	-2.18822	0.031848	0.241708	-4.13722	0.0962436	0.356625	-2.80407	0.0488429	0.280852	-3.56059	0.0292934	0.234692	-4.26091	0.178287	0.446028	-2.24201	2.44737	12.352	4.48629	1
cg18126613	ACCN1;ACCN1	0.110985	0.995563	0.99753	-1.00248	0.293097	0.615589	-1.62446	0.0600355	0.389178	-2.56952	0.141589	0.495038	-2.02005	0.939337	1.03444	1.03444	0.821263	0.904239	-1.1059	0.342089	1.54566	1.54566	0.00754695	0.216719	-4.61427	0.618617	1.25013	1.25013	2.44736	7.67033	2.78589	1
cg10552106	IGSF10	0.110985	0.0453766	0.208593	-4.79404	0.341772	0.512271	-1.95209	0.400948	0.555951	-1.79872	0.268167	0.454939	-2.1981	0.00934231	0.105276	-9.49882	0.129024	0.326236	-3.06527	0.026197	0.16512	-6.0562	0.311839	0.489456	-2.04308	0.275306	0.460699	-2.17061	2.44736	18.074	6.56454	1
cg08475953	COL23A1	0.110986	0.0640331	32.5639	32.5639	0.0684976	30.3555	30.3555	0.139516	14.3118	14.3118	0.106686	19.0641	19.0641	0.382286	4.47953	4.47953	0.133519	15.0054	15.0054	0.640339	2.1979	2.1979	0.0140252	160.173	160.173	0.0399166	53.2258	53.2258	2.44735	108.557	39.4284	1
cg10259111	GNG2	0.110987	0.0717202	0.404041	-2.475	0.41146	0.684881	-1.46011	0.141593	0.490483	-2.03881	0.553389	1.31025	1.31025	0.111423	0.457734	-2.18467	0.345138	1.54997	1.54997	0.714426	0.847354	-1.18014	0.0258283	3.29615	3.29615	0.526791	0.748988	-1.33513	2.44734	7.87347	2.8597	1
cg19606356	RASA1;RASA1	0.110992	0.895846	1.00906	1.00906	0.243099	1.08776	1.08776	0.128368	1.11986	1.11986	0.192933	0.909467	-1.09954	0.0199178	0.824048	-1.21352	0.386574	0.940702	-1.06304	0.117019	0.889345	-1.12442	0.420369	0.94488	-1.05834	0.33726	1.07051	1.07051	2.44729	0.18385	0.0667767	1
cg11666857	SLC6A19	0.110993	0.581668	0.870744	-1.14844	0.170985	0.695871	-1.43705	0.0730648	0.608201	-1.64419	0.510868	0.84715	-1.18043	0.0289491	0.527029	-1.89743	0.18097	1.42374	1.42374	0.0794283	0.616143	-1.623	0.913912	1.02726	1.02726	0.230526	1.36735	1.36735	2.44728	2.39795	0.870971	1
cg02735500	A2LD1	0.110994	0.101319	0.706826	-1.41478	0.456886	0.863696	-1.15781	0.0313106	0.613518	-1.62994	0.229543	0.783618	-1.27613	0.452149	0.862312	-1.15967	?	?	?	0.0513418	1.53584	1.53584	0.215579	0.777186	-1.28669	0.443926	0.85989	-1.16294	2.47241	1.30188	0.526562	1
cg00901375	FAM70A;FAM70A;FAM70A	0.110999	0.105837	0.341899	-2.92484	0.00537959	0.107898	-9.26803	0.190812	0.431019	-2.32008	0.604552	0.728037	-1.37356	0.130716	0.371007	-2.69537	0.161386	0.403061	-2.48101	0.0972865	0.331023	-3.02093	0.282109	0.507077	-1.97209	0.815696	1.15241	1.15241	2.44722	14.3067	5.19655	1
cg04929605	VEPH1;VEPH1;VEPH1	0.111	0.21858	1.70805	1.70805	0.40425	1.42343	1.42343	0.949269	0.97402	-1.02667	0.425102	1.4007	1.4007	0.393504	0.696561	-1.43562	0.865433	1.07269	1.07269	0.00365743	5.08381	5.08381	0.599652	1.24498	1.24498	0.116312	2.02592	2.02592	2.44722	6.6335	2.40945	1
cg21737773	FBXO21;FBXO21	0.111001	0.304806	1.2142	1.2142	0.803739	0.955542	-1.04653	0.0211323	1.65927	1.65927	0.213883	1.27001	1.27001	0.114468	1.36827	1.36827	0.423809	0.861401	-1.1609	0.289177	0.817959	-1.22256	0.373237	0.846245	-1.18169	0.0656248	1.4584	1.4584	2.4472	1.29284	0.469595	1
cg11076487	SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.111002	0.150665	0.569436	-1.75612	0.00375668	0.2393	-4.17886	0.103519	0.52158	-1.91725	0.656551	0.849072	-1.17776	0.209255	0.616422	-1.62227	0.291821	0.670425	-1.49159	0.550753	0.80198	-1.24691	0.422536	0.741199	-1.34917	0.592943	1.21806	1.21806	2.44719	5.17964	1.88139	1
cg07003745	APC	0.111003	0.809421	0.945826	-1.05728	0.615949	0.889957	-1.12365	0.0119208	2.06134	2.06134	0.635143	0.895667	-1.11649	0.986662	1.00386	1.00386	0.794898	0.941715	-1.06189	0.107276	0.666821	-1.49965	0.511785	1.16578	1.16578	0.0485901	1.68087	1.68087	2.44718	2.05952	0.748077	1
cg10845391	ARL10	0.111004	0.595225	0.860884	-1.1616	0.476327	0.816836	-1.22424	0.483843	1.2199	1.2199	0.60036	0.862714	-1.15913	0.0122898	0.418481	-2.3896	0.509593	1.20549	1.20549	0.103871	0.608474	-1.64346	0.282139	1.36647	1.36647	0.056086	0.546369	-1.83027	2.44718	3.02475	1.09868	1
cg09256201	HAAO	0.111005	0.311871	1.41486	1.41486	0.540525	1.22817	1.22817	0.870872	1.05544	1.05544	0.700477	0.879665	-1.1368	0.171217	1.62134	1.62134	0.154763	1.65726	1.65726	0.00504324	3.42197	3.42197	0.0530574	2.07334	2.07334	0.296181	1.43234	1.43234	2.44717	4.2645	1.549	1
cg06215035	TIA1;TIA1	0.111006	0.631047	1.07397	1.07397	0.0263487	1.47471	1.47471	0.0750292	1.33964	1.33964	0.343055	0.865834	-1.15496	0.5808	1.08574	1.08574	0.0809841	0.751745	-1.33024	0.659065	0.936614	-1.06768	0.422724	1.12837	1.12837	0.114763	1.28782	1.28782	2.44715	0.84303	0.306217	1
cg12386329	GOLGA3	0.111008	0.782143	0.880236	-1.13606	0.380153	1.51329	1.51329	0.0273304	0.300722	-3.32533	0.0813845	0.411078	-2.43263	0.367792	0.653297	-1.5307	0.724395	0.849666	-1.17693	0.0154882	0.254963	-3.92214	0.319261	0.622717	-1.60587	0.114827	0.454247	-2.20145	2.44714	8.20771	2.98134	1
cg03359095	C20orf151	0.111009	0.101318	1.79225	1.79225	0.504568	1.24636	1.24636	0.968222	1.01304	1.01304	0.106665	1.77339	1.77339	0.0338321	0.446711	-2.23858	0.22026	0.657597	-1.52069	0.675385	1.1468	1.1468	0.0635871	1.97055	1.97055	0.694593	1.13693	1.13693	2.44712	4.09928	1.48902	1
cg07343511	SLC2A7	0.111011	0.0675033	0.471068	-2.12284	0.0901514	0.503442	-1.98633	0.436386	0.746938	-1.3388	0.134699	0.552876	-1.80872	0.0335265	0.401481	-2.49078	0.440174	0.748807	-1.33546	0.0138754	0.32721	-3.05614	0.0675677	0.471171	-2.12237	0.224438	0.625676	-1.59827	2.44711	5.23338	1.90098	1
cg07151406	PGAM1	0.111017	0.0460979	0.397988	-2.51264	0.614089	0.814674	-1.22748	0.406292	1.40843	1.40843	0.225427	0.598569	-1.67065	0.0113908	0.278914	-3.58534	0.613897	0.814582	-1.22762	0.0472942	0.400548	-2.49658	0.882272	1.06156	1.06156	0.393301	0.702924	-1.42263	2.44705	6.298	2.28774	1
cg15581360	FAM66D;LOC392196	0.111025	0.960576	0.987893	-1.01226	0.283164	1.31625	1.31625	0.0436401	0.564627	-1.77108	0.377881	0.800149	-1.24977	0.0931877	0.634388	-1.57632	0.857212	1.04538	1.04538	0.188804	1.40929	1.40929	0.995741	0.998686	-1.00132	0.0239487	0.514877	-1.94221	2.44697	2.35336	0.854884	1
cg06327267	CAV1	0.111026	0.172069	0.862547	-1.15936	0.201988	1.14688	1.14688	0.101062	1.20041	1.20041	0.510736	1.07022	1.07022	0.149718	1.17012	1.17012	0.597675	0.947266	-1.05567	0.894609	0.986608	-1.01357	0.0470204	0.79355	-1.26016	0.0850967	1.21369	1.21369	2.44696	0.401014	0.145673	1
cg09768970	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.111028	0.29096	1.27735	1.27735	0.0422741	1.68631	1.68631	0.32837	1.25276	1.25276	0.407712	1.20825	1.20825	0.169759	0.721311	-1.38637	0.216272	1.33732	1.33732	0.331127	0.799323	-1.25106	0.492556	1.16846	1.16846	0.0457565	0.599558	-1.66789	2.44694	1.93372	0.702454	1
cg00570642	DOC2A	0.111028	0.697209	1.19567	1.19567	0.011054	0.233036	-4.29119	0.115171	2.18772	2.18772	?	?	?	0.547626	1.32063	1.32063	0.838519	0.910956	-1.09775	0.34977	0.644097	-1.55256	0.321527	1.59694	1.59694	0.310481	1.61548	1.61548	2.47207	7.26981	2.94077	1
cg03564320	RPRM	0.11103	0.025201	0.336127	-2.97506	0.448169	0.728617	-1.37246	0.0524814	0.405296	-2.46733	0.201755	0.575727	-1.73694	0.113163	0.49354	-2.02618	0.196742	0.571771	-1.74895	0.0136347	0.286558	-3.48969	0.186878	0.563807	-1.77366	0.936934	0.968107	-1.03294	2.44692	6.50142	2.36177	1
cg03534196	DPH5;DPH5;DPH5	0.111031	0.162988	1.27592	1.27592	0.0243824	0.644713	-1.55108	0.198532	0.800646	-1.24899	0.827003	0.964819	-1.03646	0.237085	1.22469	1.22469	0.554029	0.9067	-1.1029	0.179635	0.791985	-1.26265	0.850878	1.03127	1.03127	0.0905552	1.35681	1.35681	2.44691	1.03762	0.376936	1
cg22268467	SH3GL1	0.111031	0.747419	1.1509	1.1509	0.00193317	6.74178	6.74178	0.175804	1.87034	1.87034	0.597926	1.26048	1.26048	0.90795	1.0516	1.0516	0.930375	1.03874	1.03874	0.519641	1.32832	1.32832	0.554101	1.29733	1.29733	0.642962	1.22514	1.22514	2.44691	7.33202	2.6635	1
cg01737010	TMSB15A	0.111033	0.0294887	0.233626	-4.28035	0.0261984	0.224022	-4.46384	0.158349	0.425136	-2.35219	0.666118	0.781747	-1.27919	0.147879	0.414549	-2.41226	0.0373746	0.254037	-3.93643	0.0775648	0.328654	-3.04271	0.0846223	0.338971	-2.9501	0.578099	0.727116	-1.3753	2.44689	12.4676	4.52914	1
cg14845880	COG6;COG6;COG6	0.111034	0.255089	0.896877	-1.11498	0.167421	0.873896	-1.1443	0.969595	0.996515	-1.0035	0.0164951	0.764646	-1.30779	0.0762594	0.834711	-1.19802	0.146294	0.866891	-1.15355	0.0657819	0.827695	-1.20817	0.0254743	0.784115	-1.27532	0.243342	0.894204	-1.11831	2.44688	0.325143	0.118116	1
ch.10.2545310F	EIF3A	0.111037	0.527924	0.692234	-1.4446	0.0499187	0.276325	-3.61893	0.00518963	0.119788	-8.34809	0.499772	0.674336	-1.48294	0.166497	0.428041	-2.33622	0.569048	1.39242	1.39242	0.232237	0.486453	-2.0557	0.905743	1.07051	1.07051	0.8367	0.888062	-1.12605	2.44685	12.8213	4.6577	1
cg18224798	KLHDC1	0.111038	0.0742301	1.60629	1.60629	0.0408505	1.75485	1.75485	0.328898	1.27134	1.27134	0.339356	1.26442	1.26442	0.0680148	1.62729	1.62729	0.0809249	1.58577	1.58577	0.0470998	1.71828	1.71828	0.0693406	1.62263	1.62263	0.456761	0.834801	-1.19789	2.44684	2.19955	0.799053	1
cg05302489	VARS	0.11104	0.94293	0.962988	-1.03843	0.00892292	0.173339	-5.76904	0.247383	0.528822	-1.891	0.0394307	0.285052	-3.50813	0.699391	0.815138	-1.22679	0.149902	0.44345	-2.25504	0.0805842	0.360281	-2.77561	0.881948	0.924707	-1.08142	0.102617	0.390299	-2.56214	2.44683	10.7536	3.9066	1
cg04768368	TACC2;TACC2	0.111041	0.0903103	3.94408	3.94408	0.142217	3.18964	3.18964	0.333892	2.08074	2.08074	0.105767	3.66559	3.66559	0.0897777	3.95486	3.95486	0.0429085	5.54551	5.54551	0.024619	7.15427	7.15427	0.053769	5.00275	5.00275	0.0619419	4.68958	4.68958	2.44681	20.9448	7.60893	1
cg14187678	TBR1;TBR1	0.111042	0.054898	0.347074	-2.88123	0.899352	0.940346	-1.06344	0.807783	1.12578	1.12578	0.062156	0.360341	-2.77515	0.106767	0.424872	-2.35365	0.0689943	0.371903	-2.68887	0.0166088	0.241258	-4.14495	0.807718	1.12583	1.12583	0.299071	0.592646	-1.68735	2.4468	9.15617	3.3263	1
cg01333884	NR5A2;NR5A2	0.111043	0.498893	0.877658	-1.1394	0.82812	0.959509	-1.0422	0.615795	0.908298	-1.10096	0.656422	1.08884	1.08884	0.310845	0.819278	-1.22059	0.109722	1.39301	1.39301	0.00489663	2.03166	2.03166	0.89924	0.976206	-1.02437	0.761047	0.943667	-1.0597	2.4468	1.40038	0.50874	1
cg24004943	DHX32	0.111043	0.0765279	0.336056	-2.9757	0.0813309	0.34321	-2.91367	0.037656	0.26328	-3.79823	0.79324	0.864688	-1.15649	0.137486	0.412586	-2.42374	0.359546	0.59369	-1.68438	0.0668665	0.32076	-3.11759	0.140656	2.40411	2.40411	0.96487	1.02468	1.02468	2.44679	11.8711	4.31261	1
cg12271419	RHOBTB2;RHOBTB2;RHOBTB2	0.111045	0.0326047	0.369163	-2.70883	0.162999	0.552464	-1.81007	0.214344	0.593979	-1.68356	0.506679	1.30794	1.30794	0.19077	0.57578	-1.73678	0.468808	0.745506	-1.34137	0.0147686	0.30256	-3.30513	0.238428	0.611383	-1.63564	0.0589309	0.427444	-2.33949	2.44678	6.15292	2.23529	1
cg14178533	VAV2;VAV2	0.111047	0.0785872	0.33251	-3.00743	0.0269764	0.228504	-4.37629	0.0298646	0.236842	-4.22223	0.410335	0.622182	-1.60725	0.0744558	0.326248	-3.06516	0.208603	0.473735	-2.11089	0.0305183	0.238653	-4.19018	0.14287	0.411663	-2.42917	0.406922	0.61993	-1.61309	2.44675	12.3094	4.47192	1
cg02285715	TCFL5	0.111051	0.393157	0.827254	-1.20882	0.533984	0.872354	-1.14632	0.874199	0.966232	-1.03495	0.0367872	0.591025	-1.69198	0.0174287	0.533901	-1.87301	0.272496	1.28097	1.28097	0.0460466	0.609172	-1.64157	0.938352	0.98337	-1.01691	0.758503	1.06914	1.06914	2.44672	1.8214	0.661711	1
cg10961249	PLCH2	0.111052	0.0773969	0.344557	-2.90227	0.604655	0.753174	-1.32772	0.662722	0.788052	-1.26895	0.84356	0.898315	-1.1132	0.493592	0.685686	-1.45839	0.795592	0.868576	-1.15131	0.0100139	0.171257	-5.83916	0.0174318	0.207853	-4.8111	0.141432	0.42391	-2.35899	2.44671	11.4146	4.14691	1
cg07186939	ATXN3L;ATXN3L	0.111053	0.680907	0.811018	-1.23302	0.0207383	0.244012	-4.09816	0.0833482	0.378697	-2.64064	0.055533	0.333134	-3.00179	0.0205217	0.243194	-4.11194	0.307417	0.585539	-1.70783	0.134253	0.441293	-2.26607	0.122075	0.427884	-2.33708	0.719657	0.83312	-1.20031	2.4467	9.94401	3.61267	1
cg04918002	FBXO31	0.111055	0.0199238	0.14765	-6.77279	0.458205	0.597939	-1.67241	0.0627782	0.240417	-4.15945	0.449377	0.591671	-1.69013	0.0629574	0.240707	-4.15443	0.0838112	0.271815	-3.67897	0.190826	0.389442	-2.56777	0.0547994	0.226978	-4.4057	0.046585	0.211919	-4.71879	2.44667	17.9605	6.52516	1
cg13397359	GNMT	0.111055	0.0958612	0.275836	-3.62534	0.0108789	9.50176	9.50176	0.569665	0.667227	-1.49874	0.349674	0.507672	-1.96977	0.355732	0.512243	-1.9522	0.449053	1.72156	1.72156	0.379885	0.530298	-1.88573	0.251382	0.430047	-2.32533	0.436066	0.571472	-1.74987	2.44667	19.2151	6.98096	1
cg06177306	NCKAP5;NCKAP5	0.111055	0.258156	1.4211	1.4211	0.357191	0.754242	-1.32583	0.00663207	2.85626	2.85626	0.244343	1.4373	1.4373	0.568589	0.84229	-1.18724	0.804243	0.928701	-1.07677	0.622751	1.15915	1.15915	0.0626234	1.86647	1.86647	0.905182	1.03613	1.03613	2.44667	3.43763	1.24891	1
cg02007381	TAF8	0.111057	0.157606	0.605178	-1.65241	0.794589	0.916933	-1.09059	0.797713	0.918176	-1.08912	0.99942	0.999758	-1.00024	0.310681	0.705647	-1.41714	0.00239312	0.245001	-4.08162	0.660928	0.86355	-1.15801	0.933771	1.02801	1.02801	0.272944	0.684387	-1.46116	2.44666	4.28061	1.55518	1
cg13441066	PAK7;PAK7	0.111057	0.78753	0.918769	-1.08841	0.0290655	0.446291	-2.24069	0.0260881	0.436927	-2.28871	0.21418	0.663557	-1.50703	0.667675	1.14506	1.14506	0.948699	1.02038	1.02038	0.116341	1.70772	1.70772	0.430463	1.28708	1.28708	0.7089	1.12481	1.12481	2.44666	3.81112	1.38461	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04542415	ZFP64;ZFP64;ZFP64;ZFP64	0.111061	0.240053	0.80267	-1.24584	0.0587228	1.46453	1.46453	0.988193	1.00265	1.00265	0.102884	1.37554	1.37554	0.104838	0.728532	-1.37262	0.937673	1.01407	1.01407	0.0458778	0.664363	-1.5052	0.384103	0.852598	-1.17289	0.574385	1.10671	1.10671	2.44662	1.23724	0.449505	1
cg21500092	UBE2G1	0.111062	0.115869	0.620654	-1.6112	0.0917015	1.6791	1.6791	0.1784	1.49041	1.49041	0.759245	0.917783	-1.08958	0.0178277	0.447604	-2.23412	0.216119	0.695377	-1.43807	0.748425	1.09396	1.09396	0.936775	1.02239	1.02239	0.442949	0.803864	-1.24399	2.44661	3.01832	1.0966	1
cg13795120	RASSF7;RASSF7;C11orf35;RASSF7	0.111064	0.126352	1.32383	1.32383	0.256859	1.22231	1.22231	0.0308895	0.650552	-1.53716	0.520032	1.11697	1.11697	0.390013	0.861211	-1.16116	0.68649	0.933486	-1.07125	0.13317	1.31628	1.31628	0.174039	1.27801	1.27801	0.176072	0.783484	-1.27635	2.44659	1.11495	0.40508	1
cg11845142	AXIN2;AXIN2	0.111064	0.240802	0.647878	-1.5435	0.279295	1.48822	1.48822	0.287884	1.477	1.477	0.800287	0.914297	-1.09374	0.218417	0.632816	-1.58024	0.431877	0.753116	-1.32782	0.0266688	2.53028	2.53028	0.97211	0.987719	-1.01243	0.0341654	2.39567	2.39567	2.44659	4.8411	1.75886	1
cg08093323	C11orf36	0.111067	0.144999	0.414113	-2.4148	0.704429	1.23945	1.23945	0.139645	2.44808	2.44808	0.35866	0.587636	-1.70173	0.104402	0.367933	-2.71789	0.2496	0.507757	-1.96945	0.0781749	0.33212	-3.01096	0.0190689	0.202249	-4.94439	0.363218	0.59076	-1.69274	2.44656	12.2932	4.4664	1
cg10458581	UQCRQ	0.111071	0.13419	1.33627	1.33627	0.470632	0.876585	-1.14079	0.0154293	0.586585	-1.70478	0.0928405	1.39358	1.39358	0.869891	0.971007	-1.02986	0.350658	1.18816	1.18816	0.160571	0.764127	-1.30868	0.891623	1.02477	1.02477	0.802085	0.955925	-1.04611	2.44652	1.24813	0.45348	1
cg09916853	TSPAN33	0.111071	0.113086	0.699006	-1.4306	0.0460489	0.62205	-1.60759	0.798388	1.05459	1.05459	0.61728	0.90067	-1.11029	0.410871	0.839774	-1.1908	0.373413	0.827174	-1.20894	0.0102825	0.510915	-1.95727	0.415278	0.841213	-1.18876	0.217114	1.30952	1.30952	2.44652	1.67081	0.60705	1
cg12072608	ANO8	0.111072	0.058305	0.343508	-2.91114	0.598386	0.766862	-1.30402	0.283609	0.573304	-1.74427	0.928624	0.956243	-1.04576	0.0574985	0.342027	-2.92375	0.431725	1.49294	1.49294	0.00850408	0.186887	-5.35082	0.80997	1.12785	1.12785	0.627627	0.783397	-1.27649	2.44651	9.66389	3.51117	1
cg04163967	ERG;ERG;ERG;ERG	0.111073	0.416217	0.717621	-1.39349	0.606714	1.23041	1.23041	0.183243	0.568994	-1.75749	0.138476	0.528932	-1.8906	0.0255011	0.346461	-2.88633	0.565236	1.26131	1.26131	0.107553	2.01645	2.01645	0.237293	0.609939	-1.63951	0.0831632	0.46487	-2.15114	2.4465	6.17868	2.2449	1
cg23569968	SCGB1A1	0.111076	0.152466	0.733464	-1.36339	0.977004	0.994188	-1.00585	0.110833	0.703732	-1.421	0.322465	0.813258	-1.22962	0.650766	0.911949	-1.09655	0.450558	1.16822	1.16822	0.00916183	1.95294	1.95294	0.4652	0.860431	-1.16221	0.946051	1.01378	1.01378	2.44647	1.58491	0.575854	1
cg04323365	GJB1;GJB1;BCYRN1;GJB1	0.111076	0.102363	0.263367	-3.79699	0.0044584	0.058946	-16.9647	0.18172	0.347127	-2.88079	0.5296	0.621693	-1.60851	0.0894141	0.247144	-4.04623	0.126776	0.2915	-3.43053	0.328955	0.471421	-2.12125	0.185463	0.350643	-2.8519	0.760525	0.795992	-1.25629	2.44647	21.5845	7.84242	1
cg11401218	VPS13D;VPS13D	0.111077	0.170246	2.30994	2.30994	0.00622931	7.72043	7.72043	0.195797	2.19058	2.19058	0.59041	1.36542	1.36542	0.557345	0.71165	-1.40519	0.583142	1.37395	1.37395	0.368496	0.588926	-1.69801	0.279076	0.524627	-1.90612	0.460034	1.53904	1.53904	2.44646	12.7307	4.62551	1
cg18110349	B3GNT7	0.111079	0.161608	0.84797	-1.17929	0.728801	1.03915	1.03915	0.429451	0.914856	-1.09307	0.653376	1.05114	1.05114	0.00286991	0.636028	-1.57226	0.531867	0.932521	-1.07236	0.649428	0.950764	-1.05179	0.459487	0.920265	-1.08664	0.223519	0.868404	-1.15154	2.44644	0.471641	0.171365	1
cg00671225	RPS12;SNORA33	0.111079	0.0225065	0.732556	-1.36508	0.12374	1.20906	1.20906	0.140021	1.19819	1.19819	0.868657	0.98133	-1.01903	0.638409	0.947526	-1.05538	0.049774	0.775037	-1.29026	0.377712	0.902062	-1.10857	0.524184	0.929134	-1.07627	0.777577	1.03278	1.03278	2.44644	0.502463	0.182565	1
cg13668471	CNTFR;LOC415056;CNTFR	0.111081	0.192702	0.650548	-1.53717	0.0690618	1.88588	1.88588	0.279749	1.41967	1.41967	0.890168	0.957827	-1.04403	0.167778	0.632242	-1.58167	0.532688	1.21783	1.21783	0.309027	1.38863	1.38863	0.0154601	2.52562	2.52562	0.888722	0.95728	-1.04463	2.44642	3.76813	1.36912	1
cg23603782	GALNTL6	0.111085	0.154764	0.54644	-1.83003	0.797592	1.10737	1.10737	0.840216	0.923018	-1.0834	0.430197	1.37648	1.37648	0.00493673	0.22821	-4.38194	0.294771	1.53908	1.53908	0.481139	1.32864	1.32864	0.76148	1.12841	1.12841	0.559057	0.791006	-1.26421	2.44639	6.10111	2.21682	1
cg25195416	POFUT2;POFUT2;POFUT2	0.111085	0.632666	1.15222	1.15222	0.0291445	0.469342	-2.13064	0.0495892	0.517301	-1.93311	0.637371	1.14993	1.14993	0.725151	1.10945	1.10945	0.879024	1.04583	1.04583	0.0321571	2.0925	2.0925	0.833764	0.940036	-1.06379	0.693429	0.889965	-1.12364	2.44638	3.35422	1.21875	1
cg15724159	SORL1	0.111087	0.63622	1.10564	1.10564	0.207198	1.3236	1.3236	0.0513838	1.59603	1.59603	0.915492	1.02262	1.02262	0.0536839	1.58691	1.58691	0.0333053	1.68932	1.68932	0.0201479	1.80532	1.80532	0.156287	1.37665	1.37665	0.937683	0.983654	-1.01662	2.44637	1.72128	0.625428	1
cg06366981	HPGD;HPGD;HPGD	0.111089	0.731213	0.879073	-1.13756	0.0208888	2.82657	2.82657	0.0209044	2.82607	2.82607	0.9998	0.999906	-1.00009	0.915329	1.04055	1.04055	0.80073	1.09915	1.09915	0.100903	0.510914	-1.95728	0.713163	0.871092	-1.14798	0.727121	0.877264	-1.13991	2.44635	5.41301	1.96683	1
cg23587532	CEND1;SLC25A22	0.11109	0.315087	1.50357	1.50357	0.871771	0.938549	-1.06547	0.0565824	2.33347	2.33347	0.0565408	2.33389	2.33389	0.188506	1.72811	1.72811	0.172426	0.565431	-1.76856	0.0600453	2.29989	2.29989	0.0549102	2.35061	2.35061	0.862138	1.07062	1.07062	2.44634	5.97223	2.17004	1
cg01927741	C9orf173	0.11109	0.196337	0.610393	-1.63829	0.350391	0.706588	-1.41525	0.24971	0.647478	-1.54445	0.906939	0.958625	-1.04316	0.0394921	0.422931	-2.36445	0.64575	0.845994	-1.18204	0.00519569	0.26375	-3.79148	0.389007	0.726886	-1.37573	0.0971165	0.517932	-1.93076	2.44633	5.05852	1.83804	1
cg05548555	ZIC4;ZIC4	0.111092	0.0669999	0.109517	-9.13099	0.684753	0.644243	-1.55221	0.353111	2.7989	2.7989	0.11179	0.154817	-6.45922	0.0431682	0.0816024	-12.2545	0.245471	0.270205	-3.70089	0.897212	1.14938	1.14938	0.097967	0.141501	-7.06711	0.026068	0.0581617	-17.1934	2.44632	44.9577	16.3358	1
cg03704667	CHTF8;CHTF8;CHTF8;HAS3;CHTF8	0.111093	0.318238	0.660718	-1.51351	0.931363	0.965985	-1.03521	0.925409	0.96308	-1.03834	0.0229782	0.335328	-2.98216	0.0175747	0.313265	-3.19218	0.316739	1.51558	1.51558	0.42979	0.723411	-1.38234	0.577728	1.25349	1.25349	0.105372	0.491263	-2.03557	2.4463	6.25282	2.27203	1
cg13755144	SLC34A2	0.111096	0.548348	0.8283	-1.20729	0.548838	0.828496	-1.20701	0.0150933	0.396056	-2.52489	0.511415	1.22945	1.22945	0.0342649	0.464843	-2.15126	0.28025	1.4164	1.4164	0.457712	1.26434	1.26434	0.994149	1.00228	1.00228	0.151595	0.620944	-1.61045	2.44628	3.72698	1.35425	1
cg01683593	TRIM25	0.111097	0.642497	1.16346	1.16346	0.475004	1.26526	1.26526	0.919289	0.967707	-1.03337	0.113124	1.74792	1.74792	0.854463	0.942267	-1.06127	0.0356712	2.20738	2.20738	0.352656	1.36308	1.36308	0.928045	1.02968	1.02968	0.0167664	0.388516	-2.57389	2.44627	4.06372	1.47661	1
cg02401639	CCND2	0.111097	0.103522	2.74781	2.74781	0.00997947	6.34119	6.34119	0.504428	1.46897	1.46897	0.0552503	3.43384	3.43384	0.53417	1.42965	1.42965	0.415233	1.60444	1.60444	0.387899	1.6527	1.6527	0.0355629	4.0111	4.0111	0.0846462	2.9527	2.9527	2.44627	12.487	4.53736	1
cg08216465	C5orf24;C5orf24	0.111098	0.289567	1.50477	1.50477	0.601784	0.822241	-1.21619	0.513606	0.781719	-1.27923	0.0808383	0.486911	-2.05376	0.108176	1.91846	1.91846	0.106282	0.519089	-1.92645	0.0231183	0.364348	-2.74463	0.385811	0.718565	-1.39166	0.713154	1.14712	1.14712	2.44626	5.35387	1.94542	1
cg15544071	LIFR;LIFR	0.111102	0.659571	1.1765	1.1765	0.31822	1.45976	1.45976	0.337544	0.695916	-1.43695	0.889598	1.05225	1.05225	0.901549	1.04642	1.04642	0.117207	1.86632	1.86632	0.00620149	3.70075	3.70075	0.0797555	2.04001	2.04001	0.714664	0.874035	-1.14412	2.44622	5.20881	1.89274	1
cg13798912	UNC84A;UNC84A	0.111103	0.569975	0.893293	-1.11945	0.0451782	0.63657	-1.57092	0.819692	0.956118	-1.0459	0.950389	0.987845	-1.0123	0.787685	0.948328	-1.05449	0.287346	1.2425	1.2425	0.00892334	1.92295	1.92295	0.628371	0.90859	-1.10061	0.520793	1.13647	1.13647	2.44621	1.49659	0.543821	1
cg03663984	LMOD3	0.111111	0.213727	0.490061	-2.04056	0.604849	0.752493	-1.32892	0.0923803	0.364563	-2.74301	0.0797924	0.346769	-2.88376	0.012431	0.18365	-5.44513	0.0362049	0.265311	-3.76917	0.326808	0.576098	-1.73582	0.76182	0.847383	-1.1801	0.05823	0.311601	-3.20924	2.44613	11.4973	4.17796	1
cg08239177	HEY1;HEY1;HEY1;HEY1	0.111114	0.0382724	0.241883	-4.13423	0.216395	0.469006	-2.13217	?	?	?	0.0824185	3.09223	3.09223	0.180331	2.29156	2.29156	0.806472	1.15233	1.15233	0.141757	0.397471	-2.51591	0.23084	0.481318	-2.07763	0.630848	0.755841	-1.32303	2.61821	12.0335	4.02157	1
cg08458678	SHANK2	0.111115	0.786487	1.05768	1.05768	0.410284	1.18995	1.18995	0.782418	0.944425	-1.05885	0.995597	1.00114	1.00114	0.0947113	0.684322	-1.4613	0.0361488	1.65409	1.65409	0.212716	1.31136	1.31136	0.15243	0.728634	-1.37243	0.0492197	1.58986	1.58986	2.44609	1.6526	0.600543	1
cg15636792	COL6A2	0.111117	0.538913	0.899144	-1.11217	0.970295	0.993657	-1.00638	0.297744	1.20257	1.20257	0.399942	1.15864	1.15864	0.579234	1.10045	1.10045	0.0396452	1.50166	1.50166	0.0553216	1.44949	1.44949	0.418217	1.15184	1.15184	0.0333452	0.653789	-1.52954	2.44607	1.1313	0.411108	1
cg14360663	FAM129B;FAM129B	0.111118	0.61259	1.21959	1.21959	0.0748287	2.16276	2.16276	0.381137	1.41795	1.41795	0.302056	1.51535	1.51535	0.0223528	0.345038	-2.89823	0.656145	0.84012	-1.19031	0.193532	1.70719	1.70719	0.118291	0.517229	-1.93338	0.850304	0.929183	-1.07621	2.44607	5.8548	2.1276	1
cg03494005	FBXO24;LRCH4;FBXO24	0.111122	0.785066	1.04459	1.04459	0.201528	1.24017	1.24017	0.140152	1.28826	1.28826	0.127226	1.30111	1.30111	0.465825	0.888302	-1.12574	0.203711	1.23874	1.23874	0.0596187	0.712303	-1.4039	0.0617924	0.714838	-1.39892	0.643353	0.92829	-1.07725	2.44603	0.98666	0.358553	1
cg12771715	MAPRE2;MAPRE2;MAPRE2;MAPRE2	0.111124	0.033109	0.686842	-1.45594	0.26178	1.19298	1.19298	0.106106	1.30489	1.30489	0.727647	1.05413	1.05413	0.812692	0.96484	-1.03644	0.223933	0.824772	-1.21246	0.194039	1.23021	1.23021	0.567147	1.09114	1.09114	0.0597369	1.37761	1.37761	2.44601	0.880791	0.320083	1
cg27278729	RAB3IL1	0.111124	0.72715	1.10014	1.10014	0.720257	1.10293	1.10293	0.189104	0.684529	-1.46086	0.383761	0.78402	-1.27548	0.436067	1.2417	1.2417	0.178749	1.47578	1.47578	0.00938881	2.4529	2.4529	0.202961	1.44219	1.44219	0.279429	0.736124	-1.35847	2.446	2.87543	1.04494	1
cg09897604	WDFY4;WDFY4	0.111125	0.397708	0.753099	-1.32785	0.566339	1.20903	1.20903	0.0760984	0.523972	-1.9085	0.0219932	0.406707	-2.45877	0.364186	0.736868	-1.3571	0.598363	1.19013	1.19013	0.0832604	1.87367	1.87367	0.573042	1.205	1.205	0.185801	0.631668	-1.58311	2.44599	4.15392	1.50956	1
cg05924733	RAPGEF2	0.111126	0.0300465	2.93394	2.93394	0.508101	1.32736	1.32736	0.10199	2.12755	2.12755	0.0344216	2.83091	2.83091	0.160744	1.88126	1.88126	0.167288	1.86065	1.86065	0.0238878	3.11717	3.11717	0.0947208	2.16981	2.16981	0.133396	1.97956	1.97956	2.44599	6.8921	2.50464	1
cg25264370	P4HTM;P4HTM	0.111126	0.774888	0.91488	-1.09304	0.217752	1.49524	1.49524	0.10007	1.74902	1.74902	0.502442	1.23513	1.23513	0.221848	0.671417	-1.48939	0.0959374	0.567052	-1.76351	0.0185976	0.4126	-2.42366	0.43619	0.781564	-1.27949	0.810554	0.9282	-1.07735	2.44599	3.72901	1.35515	1
cg00474734	MFSD5;MFSD5;MFSD5	0.111127	0.549179	1.0647	1.0647	0.605014	1.05545	1.05545	0.247582	0.882456	-1.1332	0.155315	0.854455	-1.17034	0.944073	0.992769	-1.00728	0.0115171	0.721157	-1.38666	0.0381589	0.779924	-1.28218	0.386894	1.09609	1.09609	0.616296	0.949081	-1.05365	2.44598	0.414497	0.150632	1
cg00706833	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.111127	0.0346833	0.667633	-1.49783	0.387859	0.864835	-1.15629	0.0406947	0.678612	-1.4736	0.0769678	0.724203	-1.38083	0.0283957	0.654104	-1.52881	0.538096	1.1077	1.1077	0.663198	1.07455	1.07455	0.309887	0.841632	-1.18817	0.350768	0.85421	-1.17067	2.44598	1.0429	0.378999	1
cg05776084	CDV3;CDV3;CDV3;CDV3	0.111129	0.07667	0.575985	-1.73616	0.304855	1.34675	1.34675	0.808822	0.934343	-1.07027	0.0346738	0.501615	-1.99356	0.149502	0.648578	-1.54183	0.345318	0.761617	-1.313	0.060443	0.552565	-1.80974	0.422791	0.795016	-1.25784	0.165112	1.51413	1.51413	2.44596	3.04077	1.10505	1
cg21298759	NIPAL3	0.111133	0.094027	0.441813	-2.2634	0.882328	0.936399	-1.06792	0.905407	1.05416	1.05416	0.961024	1.02192	1.02192	0.624792	0.803572	-1.24444	0.281137	0.608357	-1.64377	0.0163676	0.271997	-3.67651	0.010418	0.239059	-4.18307	0.792974	0.889854	-1.12378	2.44592	7.62537	2.77119	1
cg16854986	11-Sep	0.111135	0.105979	0.62771	-1.59309	0.969862	1.01001	1.01001	0.32937	1.30407	1.30407	0.0655958	0.579849	-1.72459	0.0581299	0.56847	-1.75911	0.874344	1.04262	1.04262	0.0162727	0.460731	-2.17046	0.212253	0.707135	-1.41416	0.488729	0.830688	-1.20382	2.4459	2.69464	0.979284	1
cg11995506	RNF5;AGPAT1;RNF5P1;RNF5	0.111135	0.383266	1.97182	1.97182	0.0461229	5.84859	5.84859	0.0866702	4.27979	4.27979	?	?	?	0.934328	1.06433	1.06433	0.265387	0.413294	-2.41958	0.35645	2.05566	2.05566	0.0709729	0.21167	-4.72434	0.308888	0.448938	-2.22748	2.61797	20.6473	6.90092	1
cg11277662	TSNARE1	0.111141	0.157886	0.671112	-1.49006	0.842848	1.05383	1.05383	0.287822	0.747153	-1.33841	0.0456479	0.545917	-1.83178	0.686546	1.11311	1.11311	0.419594	1.24336	1.24336	0.0305206	1.95705	1.95705	0.252875	1.37086	1.37086	0.3056	0.755637	-1.32339	2.44584	2.7025	0.982167	1
cg23097961	SULT2B1	0.111141	0.072438	0.202491	-4.93848	0.273713	0.403535	-2.4781	0.229053	0.365802	-2.73372	0.152899	0.295336	-3.38597	0.038876	0.148783	-6.72121	0.0663603	0.19387	-5.1581	0.0409532	0.152667	-6.55019	0.0288031	0.128203	-7.80015	0.0814234	0.214627	-4.65924	2.44584	24.5891	8.93641	1
cg18134349	NBPF9	0.111142	0.47489	0.888862	-1.12503	0.0058075	1.79638	1.79638	0.305106	1.18789	1.18789	0.981191	1.00383	1.00383	0.222564	0.812355	-1.23099	0.488079	0.892072	-1.12099	0.783194	1.04573	1.04573	0.23081	0.815623	-1.22606	0.720561	0.943427	-1.05997	2.44583	1.01825	0.370061	1
cg27322228	R3HCC1	0.111143	0.437765	0.885766	-1.12897	0.619879	0.926234	-1.07964	0.020324	1.53521	1.53521	0.409056	1.13814	1.13814	0.749792	0.952149	-1.05026	0.0379295	0.691547	-1.44603	0.332813	0.858043	-1.16544	0.175278	1.2472	1.2472	0.629239	0.928158	-1.0774	2.44582	0.909738	0.330628	1
cg06079564	HIPK2;HIPK2	0.111143	0.189471	2.34911	2.34911	0.674364	1.29649	1.29649	0.67016	0.768541	-1.30117	0.0900279	3.15217	3.15217	0.723068	1.24436	1.24436	0.0540378	3.83323	3.83323	0.0226036	5.35252	5.35252	0.0241891	5.21419	5.21419	0.165267	2.48291	2.48291	2.44582	14.6249	5.31517	1
cg13724827	STRBP;STRBP;STRBP	0.111144	0.588938	1.15977	1.15977	0.783075	1.07786	1.07786	0.328761	1.31501	1.31501	0.286587	0.740344	-1.35072	0.329504	0.76079	-1.31442	0.983191	1.00574	1.00574	0.00601786	0.377178	-2.65127	0.751322	1.09021	1.09021	0.161723	1.50074	1.50074	2.44581	2.85909	1.03909	1
cg16594311	ZDHHC11	0.111147	0.017837	0.258588	-3.86715	0.442664	1.4443	1.4443	0.0725817	0.3903	-2.56213	0.8102	0.89315	-1.11963	0.0475312	0.344914	-2.89928	0.158029	0.492207	-2.03167	0.995871	1.00243	1.00243	0.586634	0.772718	-1.29413	0.0641917	0.376521	-2.65589	2.44578	8.54396	3.10519	1
cg13469346	PRKCD;PRKCD	0.111148	0.132362	1.24346	1.24346	0.0860778	1.28979	1.28979	0.17666	1.21253	1.21253	0.326323	1.14565	1.14565	0.802665	0.966962	-1.03417	0.135261	0.805715	-1.24113	0.738255	0.956	-1.04603	0.0457901	1.35963	1.35963	0.0476434	1.35514	1.35514	2.44577	0.697338	0.25344	1
cg20098887	RAB32	0.11115	0.265575	0.809509	-1.23532	0.103238	0.722791	-1.38353	0.0179456	0.592224	-1.68855	0.212021	0.78705	-1.27057	0.452635	0.869907	-1.14955	0.0682748	1.45041	1.45041	0.597471	1.10193	1.10193	0.260697	0.807605	-1.23823	0.437489	0.865654	-1.1552	2.44575	1.28522	0.467103	1
cg08552254	KDM4A	0.11115	0.28194	1.39902	1.39902	0.540365	1.20458	1.20458	0.00612794	2.92721	2.92721	0.85523	0.946633	-1.05638	0.568416	1.189	1.189	0.0517524	1.94399	1.94399	0.804464	1.07733	1.07733	0.702548	0.891171	-1.12212	0.291764	0.720014	-1.38886	2.44575	3.49288	1.26946	1
cg07735998	TOX	0.111151	0.0614385	2.69796	2.69796	0.786294	1.13656	1.13656	0.844218	0.911496	-1.0971	0.198027	1.89805	1.89805	0.9437	1.03383	1.03383	0.377189	1.53239	1.53239	0.0822262	2.47659	2.47659	0.00635937	5.32818	5.32818	0.140819	2.10889	2.10889	2.44574	8.59412	3.12348	1
cg06818627	UNG;UNG	0.111154	0.149228	0.737786	-1.35541	0.979169	1.00515	1.00515	0.0866831	1.45073	1.45073	0.954516	1.01128	1.01128	0.0593547	1.51972	1.51972	0.0271534	0.597977	-1.67231	0.505988	0.875734	-1.1419	0.349036	0.827324	-1.20872	0.898583	1.02539	1.02539	2.44571	1.49758	0.544292	1
cg02081006	PRDM6	0.111154	0.821253	0.786	-1.27226	0.152813	5.10029	5.10029	0.280114	3.30258	3.30258	0.823777	0.788732	-1.26786	0.500483	0.483026	-2.07028	0.635177	0.601349	-1.66293	0.593389	1.77442	1.77442	0.00350981	67.5623	67.5623	0.586034	1.79525	1.79525	2.44571	43.8581	15.9401	1
cg07331098	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.111158	0.0477875	0.48606	-2.05736	0.602279	1.18246	1.18246	0.269074	0.692875	-1.44326	0.356458	0.739089	-1.35302	0.0118494	0.367319	-2.72243	0.0405411	0.47049	-2.12544	0.864894	1.05579	1.05579	0.579496	0.83659	-1.19533	0.169164	0.626926	-1.59509	2.44568	3.93588	1.43051	1
cg17769705	ESCO2	0.111158	0.860093	0.89108	-1.12223	0.182328	0.396455	-2.52235	0.0660516	0.259794	-3.84921	0.542264	1.49664	1.49664	0.0476004	0.227426	-4.39704	0.945211	0.95607	-1.04595	0.00906273	0.114413	-8.74025	0.352716	0.535215	-1.86841	0.255743	0.460463	-2.17173	2.44567	16.5499	6.01513	1
cg20797766	PRSS27	0.111159	0.399555	0.763188	-1.31029	0.0242588	2.32018	2.32018	0.522182	0.816058	-1.2254	0.100363	0.568879	-1.75784	0.0645704	0.521729	-1.91671	0.550131	1.2086	1.2086	0.302218	1.39784	1.39784	0.461309	1.26494	1.26494	0.420112	0.772497	-1.2945	2.44566	3.80375	1.38249	1
cg23534766	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.11116	0.217905	0.474259	-2.10855	0.649746	0.768641	-1.301	0.459027	1.54332	1.54332	0.574101	0.721199	-1.38658	0.0623008	0.298868	-3.34596	0.10239	0.357447	-2.79762	0.0212132	0.203032	-4.92534	0.023369	0.210279	-4.7556	0.26723	0.514149	-1.94496	2.44566	12.8311	4.66356	1
cg01985090	RANBP1;TRMT2A;TRMT2A	0.11116	0.515163	1.12373	1.12373	0.120815	1.34633	1.34633	0.0468243	1.49523	1.49523	0.189606	0.782234	-1.27839	0.715536	0.937353	-1.06683	0.291238	0.823998	-1.2136	0.785474	0.952917	-1.04941	0.391804	0.856343	-1.16776	0.0290306	1.57596	1.57596	2.44565	1.21024	0.439869	1
cg14446129	HAT1;HAT1	0.111162	0.373261	0.890565	-1.12288	0.347196	1.13059	1.13059	0.0207235	0.702489	-1.42351	0.690833	1.052	1.052	0.0379437	0.737023	-1.35681	0.716383	1.04735	1.04735	0.0544978	0.758341	-1.31867	0.282835	0.868056	-1.152	0.809168	1.03115	1.03115	2.44564	0.622758	0.226347	1
cg26365508	KSR2	0.111164	0.102017	0.600232	-1.66602	0.0568597	0.540815	-1.84906	0.60554	0.861927	-1.16019	0.250219	0.709858	-1.40873	0.999631	1.00013	1.00013	0.238223	0.703041	-1.42239	0.0312105	2.05654	2.05654	0.103923	0.602238	-1.66047	0.424883	0.792614	-1.26165	2.44562	3.15062	1.14513	1
cg08147389	NUMB;NUMB;NUMB;NUMB	0.111167	0.171103	0.441344	-2.26581	0.0284199	0.234158	-4.27062	0.0426536	0.269863	-3.70559	0.829361	1.12878	1.12878	0.269638	0.524559	-1.90636	0.811442	1.14355	1.14355	0.917319	1.06001	1.06001	0.499487	1.46924	1.46924	0.0888753	2.86695	2.86695	2.44559	12.2014	4.4348	1
cg25832824	CMKLR1;CMKLR1;CMKLR1	0.111174	0.182931	0.161083	-6.208	0.0125831	0.0181504	-55.0953	0.00907311	0.0137874	-72.5302	0.518396	0.429173	-2.33006	0.188372	0.165179	-6.05403	0.409145	0.335997	-2.97621	0.691427	0.597239	-1.67437	0.248534	0.21047	-4.75127	0.243145	0.206401	-4.84495	2.44552	64.6504	23.4989	1
cg24272697	HOXA3;HOXA3	0.111175	0.0771173	4.52964	4.52964	0.0473175	5.72127	5.72127	0.0403461	6.17356	6.17356	0.0963706	4.0682	4.0682	0.0523018	5.45425	5.45425	0.0942545	4.11215	4.11215	0.579261	1.53799	1.53799	0.0663115	4.86956	4.86956	0.0687816	4.78505	4.78505	2.44551	22.8806	8.31658	1
cg06687305	CCDC17	0.111176	0.314268	0.766268	-1.30503	0.643102	0.887479	-1.12679	0.225632	1.38476	1.38476	0.526337	0.848539	-1.1785	0.00965189	0.432625	-2.31147	0.141951	0.667698	-1.49768	0.158694	0.680171	-1.47022	0.271143	1.34054	1.34054	0.253693	0.73717	-1.35654	2.4455	2.53466	0.921298	1
cg20609274	PPP2R2C;PPP2R2C	0.111176	0.872209	1.05821	1.05821	0.061911	2.09354	2.09354	0.00754753	3.34707	3.34707	0.902311	0.957762	-1.0441	0.488861	1.28032	1.28032	0.493157	1.27711	1.27711	0.0333131	2.397	2.397	0.571106	1.22284	1.22284	0.7581	0.897117	-1.11468	2.4455	4.78396	1.73887	1
cg14892281	TTC12	0.11118	0.0349765	9.21125	9.21125	0.0742723	6.03349	6.03349	0.101511	5.05396	5.05396	0.45255	1.99681	1.99681	0.426528	2.08277	2.08277	0.246998	2.9859	2.9859	0.112003	4.77736	4.77736	0.0249418	11.1485	11.1485	0.0267641	10.712	10.712	2.44546	31.6283	11.4964	1
cg14375786	EDF1;EDF1	0.111183	0.546866	0.861865	-1.16028	0.896359	1.03229	1.03229	0.259357	1.3323	1.3323	0.728996	0.918691	-1.0885	0.061394	0.598174	-1.67176	0.0204251	0.505973	-1.97639	0.0635092	1.66319	1.66319	0.622379	1.12867	1.12867	0.668491	0.900292	-1.11075	2.44543	2.30259	0.836966	1
cg12477297	RPRD2	0.11119	0.0112421	0.691474	-1.44619	0.82758	0.97498	-1.02566	0.723139	1.04219	1.04219	0.140551	0.831805	-1.2022	0.424627	0.909629	-1.09935	0.313397	1.12876	1.12876	0.0336866	0.749653	-1.33395	0.597207	1.06391	1.06391	0.792134	0.969784	-1.03116	2.44536	0.522606	0.189967	1
cg09956037	LSP1;LSP1;LSP1;LSP1	0.111191	0.130981	0.424621	-2.35504	0.780409	0.863465	-1.15812	0.886493	0.927722	-1.07791	0.163331	0.457726	-2.18471	0.00524852	0.144596	-6.91581	0.0432376	0.294816	-3.39195	0.537544	0.720428	-1.38806	0.921895	1.05286	1.05286	0.288232	0.560383	-1.78449	2.44536	10.6856	3.88423	1
cg11190637	TSPYL2	0.111193	0.0346735	0.144823	-6.90499	0.929443	0.932869	-1.07196	0.602669	1.50999	1.50999	0.521693	1.6646	1.6646	0.562873	1.58249	1.58249	0.00771538	0.0681699	-14.6692	0.471955	1.77554	1.77554	0.839302	0.852722	-1.17271	0.790102	0.811127	-1.23285	2.44534	23.8448	8.66766	1
cg23050340	C5orf25	0.111194	0.0164502	1.89657	1.89657	0.195086	0.741381	-1.34883	0.618104	0.896064	-1.11599	0.975699	0.993371	-1.00667	0.01871	1.86301	1.86301	0.895793	0.971793	-1.02903	0.36234	1.22683	1.22683	0.560026	1.13733	1.13733	0.922516	0.978981	-1.02147	2.44532	1.84643	0.671187	1
cg02901861	ZNF816A	0.111196	0.1009	1.7006	1.7006	0.557744	1.19149	1.19149	0.00983708	2.62294	2.62294	0.433738	1.26626	1.26626	0.675928	0.883164	-1.13229	0.518025	1.2137	1.2137	0.585304	0.849728	-1.17685	0.0384726	2.03123	2.03123	0.116639	1.65504	1.65504	2.4453	3.38251	1.22957	1
cg24813562	GDNF;GDNF	0.111198	0.616433	0.625612	-1.59844	0.965027	0.960099	-1.04156	0.502063	0.531161	-1.88267	0.378626	0.432194	-2.31377	0.917097	0.907832	-1.10153	0.832594	1.21723	1.21723	0.0058109	28.6447	28.6447	0.857245	1.18202	1.18202	0.0536561	7.65224	7.65224	2.44528	33.4019	12.142	1
cg15648041	CYR61	0.111201	0.963029	0.98626	-1.01393	0.267929	0.70861	-1.41121	0.940736	1.02244	1.02244	0.970408	0.988989	-1.01113	0.0267759	0.456948	-2.18843	0.427961	0.785401	-1.27323	0.200075	0.667626	-1.49785	0.0171431	2.38003	2.38003	0.864379	0.950253	-1.05235	2.44526	3.45035	1.25425	1
cg23315932	DAAM1	0.111202	0.502318	1.20958	1.20958	0.0100334	2.48004	2.48004	0.158932	1.52314	1.52314	0.436213	0.800923	-1.24856	0.353848	0.765987	-1.30551	0.12861	0.631912	-1.5825	0.667185	0.886121	-1.12851	0.392382	0.782798	-1.27747	0.65832	1.13245	1.13245	2.44525	3.02474	1.09954	1
cg03442858	KIAA1026;KIAA1026	0.111203	0.0802883	0.444439	-2.25003	0.105479	0.477489	-2.09429	0.859531	0.928637	-1.07685	0.300288	0.638507	-1.56615	0.0355208	0.359532	-2.7814	0.218238	0.581992	-1.71824	0.0100464	0.257174	-3.88842	0.108558	0.48114	-2.0784	0.19953	0.567504	-1.7621	2.44524	6.76519	2.45927	1
cg21528710	OPTC	0.111203	0.0140431	0.179478	-5.57171	0.0461704	0.274155	-3.64757	0.374366	0.596612	-1.67613	0.195346	0.460341	-2.1723	0.0438503	0.269229	-3.71432	0.366726	0.591407	-1.69088	0.291806	0.538174	-1.85813	0.420243	1.59432	1.59432	0.164801	0.43196	-2.31503	2.44524	12.4259	4.51703	1
cg11814539	C1orf228	0.111205	0.180504	0.538793	-1.856	0.013394	0.263957	-3.7885	0.0340308	0.340965	-2.93285	0.0778753	0.426529	-2.34451	0.203347	0.557704	-1.79306	0.272447	0.608501	-1.64338	0.12192	0.482336	-2.07324	0.537617	0.762285	-1.31185	0.0484449	0.375116	-2.66584	2.44522	7.32409	2.66246	1
cg09039751	CHST1	0.111207	0.862374	0.944984	-1.05822	0.03648	2.20956	2.20956	0.358524	0.734976	-1.36059	0.850255	0.940223	-1.06358	0.386136	1.33608	1.33608	0.962905	0.984947	-1.01528	0.00878037	2.96961	2.96961	0.20671	1.5439	1.5439	0.673417	0.870883	-1.14826	2.4452	4.11896	1.49734	1
cg00050938	GNAI2;GNAI2	0.111208	0.41445	0.681957	-1.46637	0.628338	0.799457	-1.25085	0.182228	0.522238	-1.91483	0.0701201	2.5322	2.5322	0.051788	0.3622	-2.76091	0.828213	0.905095	-1.10486	0.14366	2.0564	2.0564	0.929359	0.960131	-1.04152	0.068641	2.54768	2.54768	2.44519	8.15375	2.9641	1
cg09716209	TTC15	0.111208	0.259977	1.22808	1.22808	0.535001	1.11612	1.11612	0.0913294	1.3842	1.3842	0.408764	1.1592	1.1592	0.082708	1.39934	1.39934	0.41772	0.865196	-1.15581	0.597154	1.09774	1.09774	0.969763	0.993394	-1.00665	0.00556398	1.8904	1.8904	2.44519	1.18395	0.430397	1
cg09865015	LOC100130872;LOC100130872-SPON2	0.111209	0.854543	1.07903	1.07903	0.0109722	3.75433	3.75433	0.217085	1.71306	1.71306	0.319102	1.5323	1.5323	0.875624	1.06708	1.06708	0.0599556	2.41003	2.41003	0.748608	1.14256	1.14256	0.590932	0.798601	-1.25219	0.0287534	2.91267	2.91267	2.44518	6.65293	2.41852	1
cg02731464	KIF5B	0.111209	0.791156	1.06772	1.06772	0.0280171	0.526865	-1.89802	0.596646	1.14095	1.14095	0.443251	0.824482	-1.21288	0.3219	1.28743	1.28743	0.0368594	0.549589	-1.81954	0.469967	0.834035	-1.19899	0.557663	1.15766	1.15766	0.0946256	1.57394	1.57394	2.44518	2.36057	0.858132	1
cg19268477	PTPRN2;PTPRN2;PTPRN2	0.11121	0.714733	0.919967	-1.087	0.38979	0.818516	-1.22172	0.444747	0.837752	-1.19367	0.480054	0.849475	-1.1772	0.00438483	0.42123	-2.374	0.79667	0.943014	-1.06043	0.316515	1.26531	1.26531	0.898039	1.02956	1.02956	0.0664122	0.626374	-1.59649	2.44517	1.99976	0.726968	1
cg06917450	C1orf109	0.11121	0.792242	1.18528	1.18528	0.0134359	0.139342	-7.17659	0.147339	2.72139	2.72139	0.422549	1.69465	1.69465	0.435169	0.598896	-1.66974	0.0565164	0.249041	-4.01541	0.208119	0.425483	-2.35027	0.432967	0.597363	-1.67402	0.465916	0.620161	-1.61248	2.44517	16.0554	5.8366	1
cg03818307	ECM1;ECM1;ECM1;ECM1	0.11121	0.552781	0.824357	-1.21307	0.650008	1.15828	1.15828	0.0224452	0.414952	-2.40992	0.859359	1.05871	1.05871	0.613736	0.848988	-1.17787	0.767878	1.09988	1.09988	0.119713	0.580989	-1.7212	0.0418277	2.12667	2.12667	0.130448	0.591342	-1.69107	2.44517	4.00659	1.45651	1
cg27360593	EYS	0.111211	0.107417	0.782459	-1.27802	0.453757	0.898934	-1.11243	0.0741837	0.757463	-1.3202	0.392021	0.884767	-1.13024	0.01484	0.65808	-1.51957	0.0703419	0.753963	-1.32632	0.755898	1.0445	1.0445	0.260055	0.848727	-1.17824	0.0335679	0.707076	-1.41428	2.44516	0.754828	0.274403	1
cg01375382	RPS4Y1	0.111211	0.127863	0.417938	-2.3927	0.636972	0.777291	-1.28652	0.447018	1.50794	1.50794	0.020721	4.37533	4.37533	0.0951514	2.64271	2.64271	0.100709	0.385645	-2.59306	0.627093	0.771463	-1.29624	0.642508	0.780556	-1.28114	0.571961	1.35348	1.35348	2.44516	10.8772	3.95418	1
cg04709681	ORC2L	0.111212	0.0371042	0.686115	-1.45748	0.697272	0.94097	-1.06273	0.867508	0.974348	-1.02633	0.253589	0.83063	-1.20391	0.0388473	1.45102	1.45102	0.57443	0.91548	-1.09232	0.0425702	0.695296	-1.43824	0.459225	0.889326	-1.12445	0.545233	1.09998	1.09998	2.44516	0.938109	0.341032	1
cg21969477	PMP22;PMP22	0.111214	0.374299	0.818996	-1.22101	0.138523	1.41789	1.41789	0.0215711	0.54649	-1.82986	0.460953	0.848446	-1.17863	0.506434	0.862775	-1.15905	0.150249	1.40167	1.40167	0.0931516	1.49844	1.49844	0.649505	0.904677	-1.10537	0.446965	1.18497	1.18497	2.44513	1.85657	0.674927	1
cg01457752	DZIP3;KIAA1524	0.111215	0.0023127	0.558288	-1.79119	0.491066	0.908663	-1.10052	0.990156	0.998312	-1.00169	0.798555	1.03564	1.03564	0.686584	1.05712	1.05712	0.496684	0.909823	-1.09912	0.368124	0.881093	-1.13495	0.657461	1.06302	1.06302	0.78514	0.963269	-1.03813	2.44512	0.726201	0.264	1
cg11926268	STK36	0.111217	0.180701	0.553636	-1.80624	0.0229887	0.322618	-3.09964	0.195774	0.566028	-1.7667	0.367977	1.46913	1.46913	0.0477407	0.389969	-2.56431	0.314628	0.648846	-1.5412	0.571031	0.788078	-1.26891	0.136049	1.95071	1.95071	0.95306	0.97581	-1.02479	2.4451	6.70099	2.43607	1
cg25863147	PDK3;PDK3	0.111218	0.0593629	0.579141	-1.72669	0.137503	0.663345	-1.50751	0.0942776	0.62372	-1.60328	0.107704	0.637321	-1.56907	0.0268715	0.510291	-1.95967	0.757528	0.923606	-1.08271	0.0154497	0.466492	-2.14366	0.416815	0.808196	-1.23732	0.70305	0.906388	-1.10328	2.44509	2.55024	0.927115	1
cg18477666	HECW1	0.111219	0.105593	0.334518	-2.98937	0.0205387	0.177556	-5.63202	0.0282214	0.200921	-4.97708	0.993871	1.00477	1.00477	0.228034	0.456708	-2.18958	0.121585	0.353611	-2.82797	0.0359735	0.220668	-4.53168	0.184435	0.418122	-2.39165	0.555245	0.691019	-1.44714	2.44508	14.8568	5.40107	1
cg16302021	HCG4P6	0.11122	0.413242	0.8174	-1.22339	0.225279	1.35931	1.35931	0.689996	0.907883	-1.10146	0.36803	1.24966	1.24966	0.0486377	1.72095	1.72095	0.8927	1.03307	1.03307	0.0206027	1.95847	1.95847	0.0994766	0.647113	-1.54533	0.800328	0.94074	-1.06299	2.44507	2.2499	0.817937	1
cg14156381	FBN3	0.111221	0.106035	0.60206	-1.66096	0.24659	0.705914	-1.4166	0.0889581	0.583208	-1.71466	0.419345	0.788861	-1.26765	0.105608	0.601618	-1.66218	0.536054	0.83518	-1.19735	0.0304893	0.481504	-2.07683	0.00839313	0.379914	-2.63218	0.41311	0.786234	-1.27189	2.44506	3.19921	1.16306	1
cg02591564	AACS	0.111222	0.488051	2.15864	2.15864	0.00755767	42.6771	42.6771	0.0134333	28.3157	28.3157	0.49804	2.11989	2.11989	0.737141	0.692152	-1.44477	0.283799	3.37461	3.37461	0.461085	2.26962	2.26962	0.409873	2.51074	2.51074	0.652941	1.63955	1.63955	2.44505	46.2009	16.7961	1
cg20792107	C4orf42;CTBP1;CTBP1	0.111224	0.400843	0.809216	-1.23576	0.650923	0.893925	-1.11866	0.937942	0.981014	-1.01935	0.337454	1.27563	1.27563	0.496244	0.843608	-1.18538	0.743798	0.92244	-1.08408	0.0037119	0.380971	-2.62487	0.65113	0.89399	-1.11858	0.222074	1.3715	1.3715	2.44503	2.34666	0.853125	1
cg22440668	TCEB3	0.111224	0.714985	0.953911	-1.04832	0.306471	0.872651	-1.14593	0.297738	0.870331	-1.14899	0.684015	1.05406	1.05406	0.0185137	0.692478	-1.44409	0.961564	1.00622	1.00622	0.0419751	0.73968	-1.35194	0.76457	1.0394	1.0394	0.0832006	1.27987	1.27987	2.44503	0.640997	0.233034	1
cg10050397	C11orf88;C11orf88	0.111226	0.759931	1.06307	1.06307	0.0585401	0.652792	-1.53188	0.0774217	0.675877	-1.47956	0.283783	0.800731	-1.24886	0.516229	1.14038	1.14038	0.351754	1.21076	1.21076	0.0497193	1.56321	1.56321	0.908441	1.02323	1.02323	0.141654	1.37077	1.37077	2.44502	1.54223	0.560681	1
cg09897656	SLC26A7;SLC26A7	0.111228	0.66341	0.877742	-1.13929	0.0116399	0.390996	-2.55757	0.0508259	0.515534	-1.93974	0.360137	0.755658	-1.32335	0.763034	1.09422	1.09422	0.422916	0.783682	-1.27603	0.0895333	1.74621	1.74621	0.574364	0.84452	-1.1841	0.971149	1.01083	1.01083	2.44499	3.43395	1.24843	1
cg17080180	GSTZ1;GSTZ1;POMT2;GSTZ1	0.111229	0.763455	0.949416	-1.05328	0.797436	1.04523	1.04523	0.211888	1.25379	1.25379	0.877848	1.0268	1.0268	0.0407848	0.666209	-1.50103	0.182912	1.27515	1.27515	0.0476459	0.677365	-1.47631	0.665847	1.07759	1.07759	0.078451	1.39959	1.39959	2.44499	1.14537	0.416405	1
cg20264966	CTNNA3;LRRTM3;CTNNA3	0.111229	0.589326	1.16148	1.16148	0.744745	0.914173	-1.09389	0.0243649	2.08961	2.08961	0.0148538	2.2775	2.2775	0.283985	1.35763	1.35763	0.186712	0.680818	-1.46882	0.943856	0.98084	-1.01953	0.701035	0.899459	-1.11178	0.845248	0.947738	-1.05514	2.44498	2.92166	1.06219	1
cg08261858	SCCPDH	0.11123	0.0449938	0.611458	-1.63544	0.998247	1.00047	1.00047	0.161929	1.3762	1.3762	0.289231	0.790395	-1.26519	0.415488	1.19478	1.19478	0.124371	0.700635	-1.42728	0.020443	0.550289	-1.81723	0.714088	1.08186	1.08186	0.615741	0.897446	-1.11427	2.44497	1.77039	0.643637	1
cg16918091	ORC5L;ORC5L	0.111231	0.307745	1.41038	1.41038	0.00555177	3.27598	3.27598	0.0774917	1.89484	1.89484	0.529502	1.23055	1.23055	0.462089	1.27611	1.27611	0.752579	1.10849	1.10849	0.634005	1.16907	1.16907	0.21208	0.651747	-1.53434	0.689107	0.877239	-1.13994	2.44497	4.10742	1.49329	1
cg09406548	SNORD115-5;SNORD115-10;SNORD115-12;SNORD115-9	0.111231	0.0527072	0.502914	-1.98841	0.14108	0.610168	-1.63889	0.161444	0.627067	-1.59473	0.851097	0.943037	-1.0604	0.0236692	0.4304	-2.32342	0.292156	0.710985	-1.4065	0.921029	1.03143	1.03143	0.956288	0.983038	-1.01725	0.0159926	0.398334	-2.51045	2.44497	3.77176	1.37126	1
cg08534653	PXDN	0.111231	0.133937	0.834709	-1.19802	0.015548	0.717723	-1.3933	0.648654	1.05261	1.05261	0.135693	0.835491	-1.1969	0.444098	0.916486	-1.09112	0.0740584	0.800503	-1.24921	0.475276	1.08453	1.08453	0.71727	1.04148	1.04148	0.267231	1.13791	1.13791	2.44496	0.4838	0.17589	1
cg14256268	NCOR2;NCOR2	0.111231	0.615663	1.20952	1.20952	0.0163913	3.01166	3.01166	0.0526708	2.28834	2.28834	0.138136	1.8221	1.8221	0.516638	0.781046	-1.28033	0.257049	1.55979	1.55979	0.181413	1.70434	1.70434	0.0316595	2.57732	2.57732	0.267379	1.54377	1.54377	2.44496	5.46909	1.98834	1
cg19611602	CNTN3	0.111232	0.98391	1.00536	1.00536	0.993324	1.00222	1.00222	0.84287	1.05401	1.05401	0.536422	1.18048	1.18048	0.318924	0.761098	-1.31389	0.114209	1.57676	1.57676	0.00422721	2.75948	2.75948	0.718029	1.10087	1.10087	0.415116	0.801905	-1.24703	2.44495	2.71989	0.988846	1
cg02001694	LSM6	0.111234	0.171239	0.511451	-1.95522	0.374769	1.5209	1.5209	0.763769	0.870466	-1.14881	0.307815	1.62558	1.62558	0.128805	0.469777	-2.12867	0.624832	0.797049	-1.25463	0.0239964	0.289586	-3.4532	0.0624091	2.62564	2.62564	0.523351	0.742531	-1.34675	2.44493	8.20301	2.98232	1
cg21135135	WBSCR17	0.111235	0.741659	0.801574	-1.24755	0.777035	1.20903	1.20903	0.754045	1.23385	1.23385	0.956048	1.03754	1.03754	0.885452	0.908122	-1.10117	0.238691	0.438206	-2.28203	0.757719	0.813121	-1.22983	0.00283708	15.6062	15.6062	0.520464	1.54577	1.54577	2.44493	17.3092	6.29298	1
cg15254881	GRM8	0.111235	0.354467	0.554013	-1.80501	0.672678	0.768407	-1.30139	0.875545	0.907427	-1.10202	0.236224	2.15858	2.15858	0.122872	0.354764	-2.81878	0.979572	1.016	1.016	0.422987	0.602081	-1.66091	0.00827028	8.11297	8.11297	0.281844	2.0004	2.0004	2.44492	14.882	5.41057	1
cg10660666	BAT2L1	0.111235	0.983409	0.98805	-1.01209	0.0130255	5.93682	5.93682	0.0199051	5.07753	5.07753	0.366246	1.71032	1.71032	0.909353	1.06807	1.06807	0.582532	1.37846	1.37846	0.447624	0.639246	-1.56434	0.124479	2.61602	2.61602	0.680707	0.787239	-1.27026	2.44492	12.9434	4.70577	1
cg11753499	H19;MIR675	0.111237	0.272371	1.33264	1.33264	0.0560644	1.72273	1.72273	0.408247	1.2369	1.2369	0.178495	0.698172	-1.43231	0.0572192	0.582324	-1.71726	0.560353	0.86243	-1.15951	0.101663	0.637374	-1.56894	0.23035	0.728845	-1.37203	0.33032	0.776867	-1.28722	2.44491	2.44631	0.889397	1
cg03642513	DCK	0.111237	0.382892	0.919231	-1.08787	0.376927	0.918205	-1.08908	0.789307	0.975109	-1.02553	0.549994	1.05858	1.05858	0.0693699	1.2107	1.2107	0.906383	0.988989	-1.01113	0.00742088	0.72283	-1.38345	0.37062	0.917109	-1.09038	0.329773	0.909685	-1.09928	2.4449	0.343002	0.124705	1
cg11366849	GLI3	0.11124	0.774539	1.15913	1.15913	0.40878	1.54406	1.54406	0.621009	1.29209	1.29209	0.210618	1.97045	1.97045	0.282825	1.77501	1.77501	0.130288	2.3169	2.3169	0.279377	0.560876	-1.78293	0.554751	1.35961	1.35961	0.00412249	7.22972	7.22972	2.44488	10.2373	3.722	1
cg26433208	CTPS	0.111244	0.210546	0.86838	-1.15157	0.454244	1.08496	1.08496	0.573951	0.941042	-1.06265	0.517355	0.932194	-1.07274	0.697165	0.959032	-1.04272	0.28717	1.12549	1.12549	0.00453828	0.66735	-1.49846	0.403156	1.09583	1.09583	0.623389	0.948435	-1.05437	2.44483	0.44304	0.16108	1
cg21067023	COLEC12	0.111249	0.14549	3.02519	3.02519	0.00864351	10.7078	10.7078	0.115652	3.35758	3.35758	0.136183	3.11797	3.11797	0.135598	3.12409	3.12409	0.220687	2.48898	2.48898	0.457633	1.70862	1.70862	0.032624	5.8762	5.8762	0.136486	3.11481	3.11481	2.4448	19.4214	7.06133	1
cg23142731	DIP2B	0.111252	0.016355	0.426729	-2.34341	0.272191	1.39324	1.39324	0.929807	1.02589	1.02589	0.58514	1.17345	1.17345	0.191852	0.66973	-1.49314	0.952217	1.01754	1.01754	0.0518646	0.526282	-1.90012	0.415957	1.27283	1.27283	0.140227	0.631016	-1.58475	2.44476	3.25979	1.18523	1
cg27331607	RDBP;SKIV2L;SKIV2L;RDBP	0.111255	0.326761	0.629519	-1.58851	0.943985	0.968389	-1.03264	0.00452515	0.177413	-5.63657	0.0431413	0.345221	-2.8967	0.424949	0.689036	-1.4513	0.471281	1.39792	1.39792	0.401767	0.675511	-1.48036	0.739315	0.858425	-1.16492	0.714247	0.845264	-1.18306	2.44473	8.09069	2.94172	1
cg22425355	SCYL2;DEPDC4	0.111256	0.569266	0.930562	-1.07462	0.146459	1.21533	1.21533	0.0327531	1.36689	1.36689	0.406157	1.11218	1.11218	0.0424403	0.74649	-1.3396	0.134223	0.817047	-1.22392	0.397025	0.897173	-1.11461	0.763154	0.962894	-1.03854	0.911253	0.986147	-1.01405	2.44472	0.60609	0.220371	1
cg10677144	MYOM1;MYOM1	0.111257	0.718316	0.909378	-1.09965	0.425228	1.23806	1.23806	0.804823	0.937134	-1.06708	0.122975	0.645173	-1.54997	0.0103026	0.428368	-2.33444	0.937526	0.979652	-1.02077	0.0520692	1.78521	1.78521	0.990424	0.996858	-1.00315	0.940764	0.980699	-1.01968	2.44471	2.66284	0.968199	1
cg25459280	ZNF664	0.111257	0.337847	0.689913	-1.44946	0.0105611	0.298672	-3.34816	0.226304	0.620461	-1.61171	0.726468	1.14105	1.14105	0.54864	0.796117	-1.2561	0.998652	1.00063	1.00063	0.0241355	0.364146	-2.74615	0.309653	1.48434	1.48434	0.544475	0.794178	-1.25916	2.44471	5.46468	1.98694	1
cg26126293	RBPJ;RBPJ;RBPJ;RBPJ	0.111261	0.151801	0.735827	-1.35901	0.105816	0.702624	-1.42324	0.641888	0.910677	-1.09808	0.278325	0.798352	-1.25258	0.815602	1.04778	1.04778	0.420594	1.17866	1.17866	0.0120488	1.86923	1.86923	0.987849	0.996962	-1.00305	0.309943	1.23356	1.23356	2.44467	1.54531	0.56188	1
cg25426630	DDX11;DDX11;DDX11	0.111263	0.0791115	0.39021	-2.56272	0.611809	0.7811	-1.28025	0.066815	0.370854	-2.69648	0.314821	0.605468	-1.65161	0.0090416	0.201541	-4.96178	0.0773785	0.387611	-2.57991	0.0783448	0.389065	-2.57027	0.786278	0.877045	-1.14019	0.158814	0.48334	-2.06894	2.44466	9.0223	3.28055	1
cg00347757	GJB2	0.111264	0.479747	0.463542	-2.1573	0.256544	3.55159	3.55159	0.79827	1.31534	1.31534	0.915099	0.892144	-1.1209	0.682961	0.644375	-1.55189	0.31624	0.32992	-3.03103	0.00476383	0.0181189	-55.1911	0.36183	0.366732	-2.72679	0.0910647	0.136429	-7.32983	2.44465	44.3448	16.124	1
cg25514503	PER3	0.111264	0.750736	1.14906	1.14906	0.00366693	5.54422	5.54422	0.0862416	2.28494	2.28494	0.629934	1.23572	1.23572	0.386622	1.47241	1.47241	0.891306	0.942135	-1.06142	0.0781765	2.347	2.347	0.717724	1.17148	1.17148	0.612672	1.24928	1.24928	2.44464	7.35875	2.67569	1
cg01976138	KRT86	0.111265	0.450767	1.25608	1.25608	0.248803	0.699294	-1.43001	0.00763251	0.361413	-2.76692	0.281181	0.717241	-1.39423	0.895113	0.961618	-1.03991	0.867059	0.951505	-1.05097	0.247079	1.43205	1.43205	0.464978	1.24689	1.24689	0.214947	1.47304	1.47304	2.44464	3.40871	1.23943	1
cg17803965	SPOCD1	0.111265	0.447023	1.35697	1.35697	0.998707	1.00064	1.00064	0.385812	0.704568	-1.41931	0.096747	2.05051	2.05051	0.514374	0.770721	-1.29749	0.0170937	3.14219	3.14219	0.0529666	2.37789	2.37789	0.0718524	2.20671	2.20671	0.489757	1.3183	1.3183	2.44463	6.0062	2.1839	1
cg01564693	PJA1;PJA1;PJA1	0.111266	0.384903	1.68102	1.68102	0.319451	0.548889	-1.82186	0.951793	0.965365	-1.03588	0.711654	1.24168	1.24168	0.00531077	0.117442	-8.51486	0.242995	2.03875	2.03875	0.272146	1.9473	1.9473	0.486683	0.662281	-1.50993	0.988475	1.00846	1.00846	2.44462	13.1613	4.78557	1
cg10184252	AES;AES;AES	0.11127	0.154082	0.816173	-1.22523	0.505499	0.913979	-1.09412	0.304747	1.15199	1.15199	0.653539	1.06199	1.06199	0.608645	1.07117	1.07117	0.0267222	0.705052	-1.41833	0.669915	1.05875	1.05875	0.486566	0.910177	-1.09869	0.0287313	1.4098	1.4098	2.44459	0.686199	0.249512	1
cg11646135	PPP4R2	0.111277	0.258145	0.777712	-1.28582	0.268633	1.27824	1.27824	0.291878	1.26239	1.26239	0.911218	1.02405	1.02405	0.085475	0.666951	-1.49936	0.563338	1.13256	1.13256	0.0321377	1.70702	1.70702	0.656702	1.1	1.1	0.038771	1.66507	1.66507	2.44452	1.75751	0.639073	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07507257	NPC1	0.111279	0.665752	1.17052	1.17052	0.954281	1.02099	1.02099	0.947457	0.976408	-1.02416	0.523351	0.791118	-1.26403	0.00287012	0.22632	-4.41853	0.853415	0.935192	-1.0693	0.568011	0.811338	-1.23253	0.222508	1.59108	1.59108	0.875135	0.944624	-1.05862	2.4445	5.0809	1.84756	1
cg03190891	SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1	0.111282	0.508642	0.793378	-1.26043	0.0258608	2.49243	2.49243	0.113337	1.81265	1.81265	0.132006	0.570537	-1.75274	0.2514	0.661237	-1.51232	0.422863	1.32655	1.32655	0.272246	1.48362	1.48362	0.785014	1.09899	1.09899	0.164483	0.599307	-1.66859	2.44447	4.61317	1.67749	1
cg25183082	QARS	0.111282	0.153296	1.26946	1.26946	0.573092	1.09291	1.09291	0.0128644	1.61924	1.61924	0.434884	1.13237	1.13237	0.75879	1.04923	1.04923	0.0676893	0.72661	-1.37625	0.291099	0.842874	-1.18642	0.996559	1.00067	1.00067	0.272635	1.19501	1.19501	2.44447	0.942565	0.342747	1
cg02598224	NCAPH	0.111285	0.297824	0.915583	-1.0922	0.190119	1.12007	1.12007	0.024147	1.24572	1.24572	0.265856	1.09938	1.09938	0.617998	1.04194	1.04194	0.309259	1.08979	1.08979	0.485588	0.94374	-1.05961	0.517998	0.947853	-1.05502	0.0228014	1.24939	1.24939	2.44444	0.258527	0.0940099	1
cg17520947	PAQR3	0.111285	0.790876	0.941674	-1.06194	0.0324545	0.567706	-1.76148	0.0289201	0.558543	-1.79037	0.121295	0.68396	-1.46207	0.0735442	0.636908	-1.57009	0.224743	0.749501	-1.33422	0.222899	1.33591	1.33591	0.802814	1.05821	1.05821	0.528834	0.865648	-1.1552	2.44444	1.97954	0.719833	1
cg15116918	RPTOR;RPTOR	0.111285	0.0607143	0.259806	-3.84903	0.234533	0.451899	-2.21289	0.453738	0.614788	-1.62658	0.201462	0.423214	-2.36287	0.0139788	0.144445	-6.92303	0.430022	0.598414	-1.67108	0.067345	0.270709	-3.694	0.0582382	0.255555	-3.91306	0.0422415	0.225047	-4.44352	2.44444	15.7305	5.72019	1
cg01647308	HDAC4	0.111286	0.157342	0.409416	-2.4425	0.00570237	0.117543	-8.50752	0.0348115	0.233913	-4.2751	0.598157	0.730448	-1.36902	0.444813	0.631278	-1.58409	0.834913	0.88405	-1.13116	0.732709	0.816727	-1.2244	0.472533	1.53957	1.53957	0.704917	0.798771	-1.25192	2.44443	13.5019	4.90983	1
cg04198308	FAM19A5;FAM19A5	0.111289	0.33466	0.639976	-1.56256	0.0776325	0.410564	-2.43567	?	?	?	0.318708	0.629754	-1.58792	0.0186312	0.268958	-3.71806	0.299833	0.617341	-1.61985	0.230494	1.76083	1.76083	0.620873	1.24966	1.24966	0.281893	1.6524	1.6524	2.61625	7.18703	2.40369	1
cg02567756	ARMC8;ARMC8;ARMC8;ARMC8;ARMC8;ARMC8	0.11129	0.294931	1.25214	1.25214	0.187219	1.33558	1.33558	0.825365	0.955285	-1.04681	0.717525	0.927553	-1.07811	0.172062	0.740146	-1.35109	0.270177	1.26829	1.26829	0.00900219	0.502848	-1.98867	0.598945	1.11612	1.11612	0.464334	1.16668	1.16668	2.44439	1.65892	0.603257	1
cg19294931	TTBK1	0.111292	0.466686	0.801236	-1.24807	0.0128794	2.51905	2.51905	0.399635	1.29429	1.29429	0.962179	1.01429	1.01429	0.0353481	0.480394	-2.08162	0.394547	1.29809	1.29809	0.601891	1.17055	1.17055	0.583347	0.847279	-1.18025	0.389884	1.30161	1.30161	2.44438	3.46517	1.26009	1
cg13087076	DYDC2;DYDC1	0.111293	0.267933	0.752586	-1.32875	0.0146337	2.09682	2.09682	0.795062	0.937897	-1.06621	0.273958	0.755482	-1.32366	0.995345	0.998564	-1.00144	0.885917	0.965258	-1.03599	0.0511363	0.578634	-1.72821	0.464598	0.832495	-1.20121	0.245343	1.34892	1.34892	2.44437	2.34871	0.854104	1
cg23895220	C6orf25;C6orf25;C6orf25;C6orf25;C6orf25;C6orf25	0.111293	0.123815	0.449097	-2.22669	0.0970482	0.416977	-2.39822	0.194629	0.517381	-1.93281	0.857261	1.09032	1.09032	0.0172988	0.24845	-4.02495	0.865356	1.08492	1.08492	0.0269631	0.284186	-3.51883	0.551978	0.749004	-1.33511	0.0831284	0.397948	-2.51289	2.44437	8.93038	3.24752	1
cg19736712	ANKRD16;ANKRD16;ANKRD16;FBXO18	0.111295	0.754373	1.28098	1.28098	0.0410831	6.694	6.694	0.0275306	8.25606	8.25606	0.80376	0.821688	-1.21701	?	?	?	0.082658	0.214371	-4.66482	0.745292	1.29328	1.29328	0.559753	0.627598	-1.59338	0.373195	2.06223	2.06223	2.61617	22.4213	7.49897	1
cg12755061	PXMP2	0.111299	0.0508425	0.52966	-1.888	0.294895	0.736592	-1.3576	0.48148	1.22231	1.22231	0.0378502	0.501635	-1.99348	0.172986	0.663815	-1.50644	0.0180273	0.436265	-2.29219	0.53372	1.19332	1.19332	0.46809	0.812884	-1.23019	0.261624	0.719116	-1.3906	2.59227	3.14799	0.944516	1
cg11800794	MAPRE1	0.1113	0.464108	0.650641	-1.53694	0.279617	0.522919	-1.91234	0.379603	0.594583	-1.68185	0.983329	0.988021	-1.01212	0.0223087	0.206069	-4.85274	0.217584	0.473222	-2.11317	0.00654026	0.13031	-7.67398	0.709973	1.24045	1.24045	0.68609	0.791074	-1.2641	2.44429	12.8795	4.68375	1
cg17712202	IER2;STX10	0.111301	0.569041	0.918411	-1.08884	0.246538	0.835942	-1.19625	0.619438	0.928638	-1.07685	0.0417281	0.70672	-1.41499	0.0918278	1.31583	1.31583	0.851414	1.02812	1.02812	0.0286616	1.46479	1.46479	0.382958	1.14146	1.14146	0.662896	1.06701	1.06701	2.44428	0.846536	0.307852	1
cg15502888	SOCS3	0.111306	0.770374	0.95655	-1.04542	0.151455	1.26273	1.26273	0.0273007	1.48645	1.48645	0.222544	1.21477	1.21477	0.0291937	1.47703	1.47703	0.978276	0.995876	-1.00414	0.579696	0.918599	-1.08861	0.822586	1.03467	1.03467	0.0346872	1.45312	1.45312	2.44423	0.89173	0.324293	1
cg09504737	AP3S1	0.111308	0.394522	0.812858	-1.23023	0.124947	0.673939	-1.48381	0.49829	0.849305	-1.17743	0.539377	0.862745	-1.15909	0.849689	1.04611	1.04611	0.833687	0.951271	-1.05123	0.00748288	2.26609	2.26609	0.368754	1.24524	1.24524	0.227151	1.35154	1.35154	2.44422	2.18519	0.794687	1
cg17274681	UST	0.111309	0.294163	0.638563	-1.56602	0.309091	0.647956	-1.54331	0.7721	1.12717	1.12717	0.0170322	3.31762	3.31762	0.210183	0.58022	-1.72349	0.865022	1.07265	1.07265	0.0426469	0.3821	-2.61712	0.448937	0.727538	-1.3745	0.35669	0.676528	-1.47814	2.44421	6.57822	2.39231	1
cg16186938	SCAND3	0.111309	0.263066	0.662832	-1.50868	0.525223	1.25471	1.25471	0.0272903	2.51075	2.51075	0.36013	1.39319	1.39319	0.536924	1.24653	1.24653	0.676222	1.15955	1.15955	0.273255	1.4946	1.4946	0.0125516	2.9869	2.9869	0.0967105	1.90154	1.90154	2.44421	4.80863	1.74876	1
cg10257905	MYOCD;MYOCD	0.111309	0.0177538	0.232371	-4.30347	0.827513	1.1168	1.1168	0.422854	0.66071	-1.51352	0.125469	0.431933	-2.31517	0.0309724	0.277408	-3.6048	0.118931	0.424526	-2.35557	0.094061	0.393779	-2.5395	0.150676	0.458504	-2.18101	0.0802628	0.374431	-2.67072	2.44421	9.92109	3.60802	1
cg04771084	CYP21A2;CYP21A2	0.11131	0.128332	0.756497	-1.32188	0.109677	1.34454	1.34454	0.359367	0.852155	-1.17349	0.547336	1.10891	1.10891	0.0240667	0.633313	-1.579	0.0814628	0.720479	-1.38797	0.265983	1.21746	1.21746	0.78623	0.954899	-1.04723	0.54511	0.901256	-1.10956	2.4442	1.11562	0.405719	1
cg09723776	NSMCE2	0.11131	0.346426	0.620793	-1.61084	0.20214	1.93904	1.93904	0.535537	0.734537	-1.3614	0.0527462	0.338688	-2.95257	0.681968	0.816609	-1.22458	0.147222	0.465434	-2.14853	0.00839137	0.190954	-5.23686	0.637402	0.791801	-1.26294	0.255266	0.557654	-1.79323	2.4442	9.3594	3.40376	1
cg07938252	NTSR1	0.111312	0.0433619	2.02412	2.02412	0.0117789	2.59779	2.59779	0.88919	0.958575	-1.04321	0.122384	1.66208	1.66208	0.424466	1.28087	1.28087	0.131768	1.63839	1.63839	0.451718	1.26199	1.26199	0.0505821	1.96622	1.96622	0.886046	0.957416	-1.04448	2.44418	3.5652	1.29657	1
cg03591483	KIAA0182;KIAA0182	0.111312	0.530012	1.2678	1.2678	0.0147007	3.06526	3.06526	0.0182732	2.91083	2.91083	0.823039	1.08714	1.08714	0.586891	1.22707	1.22707	0.528994	1.26857	1.26857	0.0403231	2.41931	2.41931	0.349215	1.43253	1.43253	0.67341	0.853751	-1.1713	2.44418	5.38546	1.95857	1
cg02454464	ALDH16A1;ALDH16A1	0.111313	0.21436	0.519939	-1.9233	0.0247512	0.262514	-3.80932	0.343879	0.613954	-1.62879	0.228749	0.531535	-1.88134	0.0943949	0.398539	-2.50917	0.243163	0.542784	-1.84235	0.0484961	0.323761	-3.0887	0.011728	0.206946	-4.83217	0.348129	0.616743	-1.62142	2.44417	9.69023	3.52412	1
cg26498132	LOC644669	0.111314	0.024703	0.351835	-2.84224	0.361719	0.693364	-1.44224	0.28709	0.649374	-1.53994	0.877425	0.941496	-1.06214	0.0267332	0.358705	-2.78781	0.153296	0.550315	-1.81714	0.164944	0.56068	-1.78355	0.363466	1.44022	1.44022	0.0561538	0.429624	-2.32761	2.44416	5.90571	2.14778	1
cg08909592	OSBPL2;OSBPL2	0.111316	0.427209	1.56299	1.56299	0.0101238	5.97277	5.97277	0.0372042	3.7904	3.7904	0.482513	1.48173	1.48173	0.150188	0.42753	-2.33902	0.996875	1.00216	1.00216	0.977315	0.984457	-1.01579	0.334434	1.73051	1.73051	0.372942	1.65516	1.65516	2.44414	11.7483	4.27263	1
cg00752263	DOK7;DOK7	0.111317	0.202302	0.480718	-2.08022	0.0509226	3.35332	3.35332	0.460997	1.50436	1.50436	0.885865	0.924827	-1.08128	0.0256274	0.236306	-4.2318	0.915051	0.943595	-1.05978	0.555961	0.723202	-1.38274	0.0545472	0.305222	-3.27631	0.613258	0.757815	-1.31958	2.44413	11.4603	4.16793	1
cg27084680	DLST	0.111318	0.523635	0.857688	-1.16592	0.601623	0.882399	-1.13327	0.169829	1.41524	1.41524	0.0151265	0.492159	-2.03186	0.328127	0.786828	-1.27093	0.136457	0.683131	-1.46385	0.0291958	0.543154	-1.8411	0.792477	1.06463	1.06463	0.67865	0.905783	-1.10402	2.44412	2.18377	0.794204	1
cg09339017	FAM40B;FAM40B	0.11132	0.101325	0.740555	-1.35034	0.134519	1.31015	1.31015	0.259323	0.82118	-1.21776	0.483655	1.12657	1.12657	0.593751	0.913805	-1.09432	0.523073	0.897306	-1.11445	0.0114913	1.6978	1.6978	0.663508	0.929331	-1.07604	0.890696	0.977243	-1.02329	2.44411	1.08498	0.394592	1
cg17944003	NDUFAF2	0.111322	0.457021	0.791875	-1.26282	0.0606781	0.521247	-1.91848	0.677296	0.879033	-1.13761	0.919756	1.03153	1.03153	0.00866917	0.356731	-2.80323	0.497874	1.23616	1.23616	0.88529	1.04548	1.04548	0.110003	0.584686	-1.71032	0.0915938	0.564226	-1.77234	2.44408	3.67394	1.33618	1
cg04931216	DMRTA2	0.111323	0.0371367	0.297799	-3.35797	0.442557	0.675745	-1.47985	0.840553	1.1061	1.1061	0.280331	0.570202	-1.75376	0.0445852	0.315223	-3.17235	0.327727	0.603065	-1.6582	0.0176106	0.235586	-4.24473	0.121819	0.431908	-2.31531	0.0629125	0.350849	-2.85023	2.44407	9.69997	3.5278	1
cg17430167	HRC	0.111328	0.325657	1.13922	1.13922	0.217256	0.846432	-1.18143	0.108258	1.25237	1.25237	0.247208	0.856079	-1.16812	0.274609	0.864164	-1.15719	0.274601	1.15719	1.15719	0.0447998	0.743927	-1.34422	0.116388	1.24499	1.24499	0.463406	1.1006	1.1006	2.44403	0.638484	0.232216	1
cg11938120	MAP3K1	0.111328	0.0290006	0.72945	-1.3709	0.752339	1.03956	1.03956	0.967561	0.995028	-1.005	0.737358	0.959589	-1.04211	0.307787	1.13813	1.13813	0.0316411	0.734329	-1.36179	0.663637	0.947782	-1.05509	0.0798532	1.26898	1.26898	0.320774	0.881853	-1.13398	2.44402	0.581435	0.211467	1
cg18946802	LSM3;XPC;XPC;XPC;LSM3	0.111328	0.131741	1.31743	1.31743	0.24633	0.814298	-1.22805	0.359672	1.17302	1.17302	0.0560633	1.44293	1.44293	0.0272975	1.55667	1.55667	0.762735	0.94999	-1.05264	0.748814	0.947019	-1.05594	0.143143	0.76596	-1.30555	0.720974	0.941041	-1.06265	2.44402	1.11134	0.404195	1
cg18474153	EEF2	0.111329	0.268962	0.661725	-1.5112	0.432875	0.750481	-1.33248	0.0736607	2.04451	2.04451	0.716721	1.13961	1.13961	0.0869672	0.507681	-1.96974	0.395677	0.732006	-1.36611	0.0570989	0.46208	-2.16413	0.0337379	0.410953	-2.43337	0.893021	1.04944	1.04944	2.44402	4.97876	1.81077	1
cg00210016	SLC5A10;SLC5A10	0.11133	0.0550533	0.337019	-2.9672	0.0889042	0.391345	-2.55529	0.12162	0.432116	-2.31419	0.208496	0.515328	-1.94051	0.032459	0.28599	-3.49663	0.166503	0.47827	-2.09087	0.0664857	0.357379	-2.79815	0.0401204	0.305481	-3.27352	0.0543231	0.335624	-2.97953	2.444	9.67652	3.51937	1
cg04295202	RNF39;RNF39	0.11133	0.0625805	0.567074	-1.76344	0.899433	1.03482	1.03482	0.401573	0.792631	-1.26162	0.600045	1.15398	1.15398	0.62089	0.873756	-1.14448	0.545647	1.18004	1.18004	0.409678	0.795934	-1.25639	0.00430337	0.3558	-2.81057	0.581937	0.860263	-1.16244	2.444	2.83623	1.03154	1
cg17337467	CXorf41;NUP62CL;CXorf41	0.111332	0.203055	0.278656	-3.58865	0.407058	0.446413	-2.24008	0.491594	1.94312	1.94312	0.867676	1.17183	1.17183	0.609404	1.63236	1.63236	0.0724591	0.148672	-6.72622	0.581129	0.588648	-1.69881	0.00916206	23.2687	23.2687	0.918309	1.10248	1.10248	2.44398	35.0028	12.7307	1
cg16083168	UVRAG	0.111333	0.579817	1.218	1.218	0.0104021	0.320524	-3.11989	0.110369	0.541411	-1.84703	0.425966	1.332	1.332	0.351604	0.713155	-1.40222	0.369292	0.722411	-1.38425	0.183489	1.64486	1.64486	0.316741	0.694199	-1.44051	0.227447	0.639661	-1.56333	2.44397	4.81361	1.75074	1
cg20918957	GNAI2	0.111334	0.766713	0.915306	-1.09253	0.213578	1.47635	1.47635	0.0247518	2.21473	2.21473	0.40832	0.777583	-1.28604	0.184494	1.51997	1.51997	0.257958	1.42067	1.42067	0.47897	0.807278	-1.23873	0.0534314	0.520708	-1.92046	0.358727	1.32408	1.32408	2.44397	3.42473	1.2456	1
cg13732216	SUFU	0.111335	0.0727745	1.66356	1.66356	0.135927	0.664587	-1.50469	0.0513366	0.568842	-1.75796	0.629665	1.1315	1.1315	0.548908	1.16675	1.16675	0.324925	1.29495	1.29495	0.201093	1.40962	1.40962	0.128583	0.658588	-1.5184	0.336307	0.777179	-1.28671	2.44396	2.5026	0.910217	1
cg22062741	ARHGEF10	0.111336	0.0540656	3.41625	3.41625	0.228664	2.03373	2.03373	0.110201	2.65954	2.65954	0.0461828	3.60934	3.60934	0.431538	1.56997	1.56997	0.246862	1.97459	1.97459	0.0221126	4.67292	4.67292	0.0334862	4.03829	4.03829	0.0939395	2.81461	2.81461	2.44395	12.2197	4.44444	1
cg17355083	PRKX	0.111337	0.469287	0.431478	-2.31762	0.00503648	83.1855	83.1855	0.69004	1.57905	1.57905	0.830592	1.27637	1.27637	0.538739	0.491618	-2.0341	?	?	?	0.383287	0.359892	-2.77861	0.563762	0.513939	-1.94576	0.783241	0.730427	-1.36906	2.61571	46.7412	15.6358	1
cg20364320	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.111338	0.361657	0.779232	-1.28332	0.446118	0.813344	-1.22949	0.886732	0.962795	-1.03864	0.0543434	0.559437	-1.78751	0.967959	1.01074	1.01074	0.144769	1.51688	1.51688	0.0127997	2.27633	2.27633	0.750966	0.918787	-1.08839	0.620423	1.14203	1.14203	2.44393	2.73924	0.996296	1
cg22966316	TTC1	0.111338	0.168078	0.773822	-1.29229	0.0426958	1.50267	1.50267	0.0441494	1.49722	1.49722	0.378711	0.85416	-1.17074	0.633299	1.08752	1.08752	0.47605	0.881181	-1.13484	0.228555	0.802054	-1.2468	0.177551	0.77871	-1.28418	0.519622	1.12068	1.12068	2.44393	1.17926	0.428912	1
cg06649610	SIPA1	0.111339	0.579928	0.846574	-1.18123	0.0305474	2.13222	2.13222	0.0289114	2.15416	2.15416	0.252881	1.4273	1.4273	0.13458	0.618393	-1.61709	0.470844	1.24426	1.24426	0.556418	0.83759	-1.1939	0.211863	1.47965	1.47965	0.7613	0.913229	-1.09502	2.44392	3.4354	1.2495	1
cg23092788	TMEM175	0.11134	0.109699	0.445911	-2.2426	0.0548708	0.364788	-2.74132	0.317443	0.619632	-1.61386	0.748034	0.861332	-1.16099	0.019215	0.269291	-3.71345	0.202108	0.535913	-1.86597	0.0353567	0.321454	-3.11086	0.734837	0.854319	-1.17052	0.0415647	0.336783	-2.96927	2.44391	8.30282	3.01987	1
cg22105145	LOC642597	0.111347	0.236187	0.805064	-1.24214	0.350331	0.845415	-1.18285	0.912456	1.0194	1.0194	0.478134	1.13425	1.13425	0.140325	1.31932	1.31932	0.255274	0.812633	-1.23057	0.00817942	0.55368	-1.8061	0.713807	1.06646	1.06646	0.225315	0.800552	-1.24914	2.44384	1.18109	0.429595	1
cg00567132	CENPM;CENPM;CENPM	0.111348	0.536071	0.876062	-1.14147	0.0998631	1.46344	1.46344	0.0768694	1.51508	1.51508	0.161946	1.37074	1.37074	0.116493	0.697554	-1.43358	0.724402	1.07762	1.07762	0.547072	0.879256	-1.13733	0.666675	0.912556	-1.09582	0.0455532	0.616193	-1.62287	2.44383	1.72599	0.62779	1
cg16355231	PEX10;PEX10	0.111349	0.365569	0.682283	-1.46567	0.0145729	3.44632	3.44632	0.651342	1.20573	1.20573	0.302869	1.551	1.551	0.468942	0.738591	-1.35393	0.425059	1.39794	1.39794	0.0626436	0.422505	-2.36683	0.450104	1.37229	1.37229	0.285322	0.633578	-1.57834	2.44382	6.54577	2.38089	1
cg21123417	SLC12A7	0.111351	0.0186029	0.490755	-2.03767	0.37826	0.79809	-1.25299	0.0662565	0.598126	-1.67189	0.115586	0.652624	-1.53228	0.0120142	0.457673	-2.18497	0.287166	0.759027	-1.31748	0.23886	0.735101	-1.36036	0.671504	0.899046	-1.11229	0.843356	0.951841	-1.0506	2.44381	2.40896	0.876214	1
cg19766489	GIPC2	0.111351	0.0636288	2.0947	2.0947	0.14287	1.74785	1.74785	0.222167	1.57607	1.57607	0.609219	1.20059	1.20059	0.815227	0.920347	-1.08655	0.866795	0.942212	-1.06133	0.0602765	0.471732	-2.11985	0.0355117	2.3819	2.3819	0.202831	1.61077	1.61077	2.4438	4.86625	1.77001	1
cg06147752	HIP1	0.111352	0.141639	2.01429	2.01429	0.0244781	3.27913	3.27913	0.14714	1.99242	1.99242	0.0760156	2.3986	2.3986	0.452896	0.712606	-1.4033	0.872613	1.07369	1.07369	0.732573	1.16414	1.16414	0.0427774	2.81032	2.81032	0.0632368	2.52366	2.52366	2.4438	7.59935	2.76413	1
cg06532779	GRIN3B	0.111352	0.0434715	0.0513873	-19.46	0.0607062	0.0669899	-14.9276	0.123137	0.118218	-8.45896	0.478717	0.398258	-2.51094	0.0316589	0.0399334	-25.0417	0.0731343	0.0776969	-12.8705	0.1369	0.128945	-7.75524	0.0520145	0.0592527	-16.8769	0.0738379	0.0782926	-12.7726	2.44379	63.2542	23.0077	1
cg24266105	GRM1;GRM1	0.111354	0.503414	0.717895	-1.39296	0.461858	0.693789	-1.44136	0.475984	0.702043	-1.42441	0.0950548	2.44805	2.44805	0.060861	0.356546	-2.80469	0.0939257	0.406991	-2.45706	0.125762	2.24483	2.24483	0.134004	2.20068	2.20068	0.429182	0.674413	-1.48277	2.44377	9.22016	3.35371	1
cg11874143	MRAS	0.111355	0.540752	0.886817	-1.12763	0.0888048	0.694816	-1.43923	0.334052	0.824265	-1.2132	0.657004	1.09056	1.09056	0.485842	1.14725	1.14725	0.0376022	1.59662	1.59662	0.0290128	1.64746	1.64746	0.938651	1.01504	1.01504	0.25782	1.25741	1.25741	2.44376	1.45631	0.529715	1
cg02198051	FBRS	0.111356	0.294617	0.588677	-1.69872	0.0276769	0.281117	-3.55724	0.145629	0.466902	-2.14178	0.882894	0.930669	-1.0745	0.216351	0.530359	-1.88551	0.0888259	0.400533	-2.49667	0.0196832	0.253233	-3.94894	0.284645	1.71909	1.71909	0.496553	0.714247	-1.40008	2.44375	9.19735	3.34544	1
cg24096415	RILP	0.111358	0.364477	1.4412	1.4412	0.00755426	3.84936	3.84936	0.0181307	3.08144	3.08144	0.653217	1.19408	1.19408	0.176952	1.7557	1.7557	0.222054	1.65421	1.65421	0.149399	1.83358	1.83358	0.220868	1.65657	1.65657	0.567389	1.25447	1.25447	2.44373	5.95319	2.16543	1
cg10832495	GFI1;GFI1	0.111361	0.845115	1.14187	1.14187	0.149774	2.85044	2.85044	0.198407	2.51424	2.51424	0.968001	1.02758	1.02758	0.966239	0.971698	-1.02913	0.916564	0.931385	-1.07367	0.850268	0.879685	-1.13677	0.0027361	16.5306	16.5306	0.732176	1.26241	1.26241	2.4437	17.8079	6.47757	1
cg09065654	VWA5B2	0.111361	0.892141	0.981258	-1.0191	0.255812	0.847529	-1.1799	0.28674	0.857039	-1.16681	0.0284353	0.697207	-1.43429	0.151585	0.807135	-1.23895	0.313873	0.8648	-1.15634	0.00629131	0.608758	-1.64269	0.791342	1.03767	1.03767	0.675665	0.943008	-1.06044	2.4437	0.752706	0.273795	1
cg12301620	IFT172;IFT172	0.111362	?	?	?	?	?	?	0.204554	0.397021	-2.51876	0.408088	0.577783	-1.73075	?	?	?	?	?	?	0.460809	1.61985	1.61985	0.0696717	4.86768	4.86768	0.0543212	5.80298	5.80298	4.87174	13.2569	1.63271	1
cg08475446	ERGIC1	0.111362	0.0857007	1.30641	1.30641	0.161576	1.23412	1.23412	0.452859	0.897975	-1.11362	0.35915	1.14188	1.14188	0.0258705	1.45102	1.45102	0.0377608	1.40363	1.40363	0.367754	0.877926	-1.13905	0.167591	1.22997	1.22997	0.252778	1.18305	1.18305	2.4437	0.766404	0.278778	1
cg12281517	TMEM154	0.111365	0.034521	1.7577	1.7577	0.709075	0.91783	-1.08953	0.825217	1.0519	1.0519	0.264381	1.30492	1.30492	0.0903494	0.65249	-1.53259	0.0297176	1.79567	1.79567	0.184999	1.37935	1.37935	0.937944	0.982344	-1.01797	0.578562	0.879523	-1.13698	2.44366	2.02569	0.73685	1
cg10665379	MAST4;MAST4	0.111371	0.651286	0.924725	-1.0814	0.0597891	0.693971	-1.44098	0.261647	0.817639	-1.22303	0.62089	0.917823	-1.08954	0.0456556	0.674263	-1.4831	0.827819	0.963228	-1.03818	0.0656671	0.700969	-1.4266	0.117022	1.34026	1.34026	0.218212	1.24953	1.24953	2.44361	1.14492	0.416477	1
cg20182358	MLF1;MLF1;MLF1;MLF1;MLF1;MLF1	0.111371	0.336407	1.1827	1.1827	0.22762	1.23913	1.23913	0.0482535	1.46538	1.46538	0.690185	1.07018	1.07018	0.050656	1.45791	1.45791	0.315053	1.19229	1.19229	0.032818	0.655286	-1.52605	0.762985	1.05253	1.05253	0.710317	0.938792	-1.0652	2.4436	1.10916	0.403468	1
cg01227815	LOC100133315	0.111372	0.0604167	0.680132	-1.4703	0.261244	1.23773	1.23773	0.075016	0.69703	-1.43466	0.0404042	0.649886	-1.53873	0.772674	1.05414	1.05414	0.78731	1.05046	1.05046	0.498033	1.1334	1.1334	0.865306	0.969568	-1.03139	0.0531138	0.670294	-1.49188	2.44359	1.28248	0.466519	1
cg05371064	MAN1A1	0.111375	0.273808	0.737728	-1.35551	0.0900049	0.607056	-1.64729	0.603116	0.869262	-1.1504	0.0499772	0.550414	-1.81682	0.0047465	0.367247	-2.72296	0.163827	0.67242	-1.48717	0.269129	0.735349	-1.3599	0.609055	0.871291	-1.14772	0.692174	0.899163	-1.11214	2.44357	2.76122	1.00444	1
cg15110800	CSMD2	0.111376	0.384796	0.701386	-1.42575	0.121786	0.512908	-1.94967	0.0114272	0.283653	-3.52543	0.767214	1.12543	1.12543	0.031478	0.366332	-2.72976	0.868258	1.06831	1.06831	0.286095	0.643407	-1.55423	0.838943	1.08438	1.08438	0.0940826	0.48059	-2.08077	2.44356	6.13214	2.23068	1
cg25165358	GALR1	0.111376	0.91878	0.948305	-1.05451	0.0207589	4.25749	4.25749	0.0415252	3.39778	3.39778	0.685831	1.23569	1.23569	0.439895	1.50669	1.50669	0.54227	1.37851	1.37851	0.0465261	0.305327	-3.27518	0.969343	1.0202	1.0202	0.479308	1.4539	1.4539	2.44356	10.4803	3.81241	1
cg15892839	FAM131B;FAM131B	0.111376	0.0372098	2.27721	2.27721	0.0845754	0.522514	-1.91382	0.430043	0.760274	-1.31532	0.577137	0.825587	-1.21126	0.11712	1.78458	1.78458	0.735024	0.890843	-1.12253	0.556332	1.22441	1.22441	0.0507981	2.1322	2.1322	0.612849	0.840615	-1.18961	2.44356	4.48058	1.62989	1
cg23705847	C14orf43	0.111379	0.0241799	0.312461	-3.2004	0.248624	0.593367	-1.6853	0.0607078	0.400454	-2.49717	0.0564247	0.39265	-2.5468	0.454879	0.719328	-1.39019	0.836338	0.914364	-1.09366	0.153263	0.51589	-1.9384	0.0249107	0.314998	-3.17462	0.087107	0.441475	-2.26513	2.44353	7.24904	2.637	1
cg01304993	KLHDC4	0.111383	0.753718	0.93906	-1.06489	0.0362239	0.614767	-1.62663	0.457696	1.16309	1.16309	0.566658	1.12266	1.12266	0.140154	0.728277	-1.3731	0.205844	0.765975	-1.30553	0.377373	1.19836	1.19836	0.549107	1.12874	1.12874	0.0196931	0.569617	-1.75556	2.44349	1.54449	0.561851	1
cg11778001	NAB1	0.111383	0.127069	0.466113	-2.1454	0.450383	1.42727	1.42727	0.077214	2.48139	2.48139	0.91253	0.95044	-1.05214	0.346752	0.638779	-1.56549	0.421829	0.684157	-1.46165	0.0368998	0.325884	-3.06857	0.0981183	0.432022	-2.3147	0.100487	0.435041	-2.29864	2.44349	8.28105	3.01247	1
cg25093492	PLCH1;PLCH1;PLCH1	0.111385	0.433188	0.741322	-1.34894	0.392341	0.720393	-1.38813	0.330538	1.4561	1.4561	0.188361	1.68478	1.68478	0.349965	1.43341	1.43341	0.0330796	0.393541	-2.54103	0.140157	0.552121	-1.8112	0.0506661	0.434571	-2.30112	0.495172	1.29591	1.29591	2.44348	5.4203	1.9718	1
cg10858196	BCL9L	0.111385	0.709813	0.877459	-1.13965	0.00741596	3.34104	3.34104	0.0230385	2.5874	2.5874	0.613544	1.19495	1.19495	0.492719	1.27591	1.27591	0.414162	0.746807	-1.33903	0.470838	1.29247	1.29247	0.872951	1.05757	1.05757	0.472834	1.29093	1.29093	2.44347	4.7335	1.72196	1
cg27126442	FLJ20184;FLJ20184	0.111385	0.218516	1.84794	1.84794	0.0494284	2.89749	2.89749	0.115975	2.24925	2.24925	0.257957	1.75081	1.75081	0.074992	2.56206	2.56206	0.221826	1.83902	1.83902	0.0139932	4.22014	4.22014	0.117927	2.23793	2.23793	0.0411752	3.05773	3.05773	2.44347	8.71179	3.16919	1
cg04787785	GDE1	0.111386	0.937739	1.0255	1.0255	0.244864	1.48013	1.48013	0.45438	1.27845	1.27845	0.302784	1.4107	1.4107	0.0814165	0.536537	-1.8638	0.662163	0.867863	-1.15226	0.941965	0.976804	-1.02375	0.150814	1.64268	1.64268	0.00956145	2.87997	2.87997	2.44346	4.02113	1.46282	1
cg07443287	WNT5B;WNT5B	0.111388	0.255898	1.3242	1.3242	0.494341	0.848474	-1.17859	0.772722	1.07097	1.07097	0.786883	1.06626	1.06626	0.0323533	1.80988	1.80988	0.062785	1.64163	1.64163	0.0399975	0.570063	-1.75419	0.698954	1.09638	1.09638	0.255476	1.32456	1.32456	2.44345	2.16938	0.789186	1
cg13137465	ANKS1A	0.111388	0.0187168	0.703193	-1.42208	0.808712	1.03043	1.03043	0.611944	0.938734	-1.06526	0.853437	1.02312	1.02312	0.136814	0.820317	-1.21904	0.485112	1.09163	1.09163	0.0365091	1.35034	1.35034	0.598371	0.936421	-1.0679	0.257684	0.864182	-1.15716	2.44344	0.591025	0.215006	1
cg06990379	DPYD;DPYD	0.111388	0.110472	0.770867	-1.29724	0.19169	1.22974	1.22974	0.236524	1.20391	1.20391	0.0378588	0.697493	-1.43371	0.0835541	0.750837	-1.33185	0.248481	0.834854	-1.19781	0.918817	0.984862	-1.01537	0.670296	0.937933	-1.06617	0.201666	1.22352	1.22352	2.44344	0.866317	0.315154	1
cg05253283	SDHAP1	0.111391	0.982187	1.00401	1.00401	0.201779	0.785213	-1.27354	0.0272009	0.625675	-1.59827	0.392857	0.854686	-1.17002	0.341623	1.19217	1.19217	0.0362632	0.646136	-1.54766	0.930483	0.98447	-1.01578	0.0261561	0.622928	-1.60532	0.423163	0.863506	-1.15807	2.44341	1.24532	0.453035	1
cg08823954	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1	0.111393	0.751588	0.869353	-1.15028	0.00542196	0.199219	-5.01961	0.258226	0.594459	-1.6822	0.222299	1.76026	1.76026	0.724905	0.855756	-1.16856	0.324474	0.638522	-1.56612	0.679267	0.832519	-1.20117	0.927427	0.960632	-1.04098	0.20345	1.80727	1.80727	2.4434	7.5216	2.7363	1
cg05494008	FBXL6;C8ORFK29;FBXL6	0.111394	0.31389	0.659728	-1.51578	0.0223306	0.335104	-2.98415	0.0606023	0.429629	-2.32759	0.376544	0.696022	-1.43674	0.0140539	0.29797	-3.35604	0.11015	0.498917	-2.00434	0.110299	0.499089	-2.00365	0.604052	0.811462	-1.23234	0.158934	0.548131	-1.82438	2.44338	6.17107	2.245	1
cg04028224	RAB37;RAB37;RAB37;RAB37	0.111394	0.565672	0.594291	-1.68268	0.0379009	8.64687	8.64687	0.882292	0.875662	-1.14199	0.134191	4.2522	4.2522	0.228429	0.322118	-3.10445	0.803215	1.25076	1.25076	0.565823	0.594414	-1.68233	0.0502279	7.39236	7.39236	0.0507156	7.35271	7.35271	2.44338	31.0783	11.3061	1
cg15564428	FAM55C;FAM55C	0.111395	0.402756	1.56327	1.56327	0.19657	2.04631	2.04631	0.27913	1.80136	1.80136	0.0613127	3.05538	3.05538	?	?	?	?	?	?	0.0210643	4.41821	4.41821	?	?	?	?	?	?	2.73113	6.35928	3.25982	1
cg04070847	CD200R1;CD200R1;CD200R1;CD200R1;CD200R1;CD200R1;CD200R1;CD200R1	0.111397	0.0226104	0.211845	-4.72042	0.0364268	0.250975	-3.98446	0.229196	0.488072	-2.04888	0.122338	0.386034	-2.59045	0.104306	0.36443	-2.74401	0.105271	0.365638	-2.73494	0.0494217	0.279528	-3.57746	0.329415	0.564298	-1.77211	0.0567095	0.293437	-3.40789	2.44336	12.505	4.54929	1
cg09182533	MACROD1	0.111397	0.0289837	0.0847102	-11.805	0.409303	2.2461	2.2461	0.0819558	6.34822	6.34822	0.847272	0.83119	-1.20309	0.334465	0.385002	-2.59739	0.57817	1.71367	1.71367	0.869974	0.854626	-1.1701	0.0328318	0.0912704	-10.9565	0.590336	1.68395	1.68395	2.44335	35.582	12.9447	1
cg00894869	GTF3C6	0.111397	0.598546	1.18422	1.18422	0.0275823	2.29135	2.29135	0.00662194	3.07017	3.07017	0.157378	1.61802	1.61802	0.104353	1.7595	1.7595	0.342094	1.36551	1.36551	0.965368	0.986277	-1.01391	0.703451	1.12944	1.12944	0.426189	1.2951	1.2951	2.44335	3.91941	1.42588	1
cg14634903	ZCCHC3	0.1114	0.568504	0.858829	-1.16438	0.187877	1.44554	1.44554	0.918309	1.02746	1.02746	0.378954	1.26913	1.26913	0.00517039	0.377272	-2.65061	0.355624	1.28517	1.28517	0.344549	0.773312	-1.29314	0.991837	1.0027	1.0027	0.715151	1.10162	1.10162	2.44332	2.6979	0.981505	1
cg12466022	C1orf101;C1orf101	0.111401	0.198832	1.28479	1.28479	0.685368	1.07807	1.07807	0.0185502	1.69372	1.69372	0.876533	0.971712	-1.02911	0.0343428	1.57711	1.57711	0.350775	1.19393	1.19393	0.0163113	1.71946	1.71946	0.723918	1.06765	1.06765	0.503218	1.13359	1.13359	2.44332	1.31816	0.479552	1
cg12452010	ADO	0.111403	0.537248	0.88857	-1.1254	0.142371	0.742134	-1.34747	0.129676	0.733747	-1.36287	0.33921	0.830036	-1.20477	0.604887	1.10374	1.10374	0.907579	1.0222	1.0222	0.328369	0.826315	-1.21019	0.360207	1.19469	1.19469	0.0116436	1.81537	1.81537	2.4433	1.38383	0.503447	1
cg08148458	MIR941-3;MIR941-3;MIR941-2;MIR941-1;MIR941-3;MIR941-3;MIR941-2;DNAJC5;MIR941-2;MIR941-1	0.111404	0.109502	2.96318	2.96318	0.0231728	5.41882	5.41882	0.040324	4.36903	4.36903	0.457432	1.60173	1.60173	0.444297	1.62496	1.62496	0.897453	1.08358	1.08358	0.0487114	4.06121	4.06121	0.0600252	3.74613	3.74613	0.0691548	3.54618	3.54618	2.44329	14.9964	5.45581	1
cg10516701	EFNA3	0.111404	0.418287	1.29518	1.29518	0.0624589	1.92655	1.92655	0.12009	1.69439	1.69439	0.108044	1.73037	1.73037	0.142573	0.61086	-1.63704	0.248202	1.45864	1.45864	0.115477	1.70766	1.70766	0.0809615	1.83148	1.83148	0.0549331	1.97523	1.97523	2.44329	3.78433	1.37677	1
cg14505299	COBL	0.111405	0.0227156	0.236046	-4.23646	0.0294702	0.257342	-3.88588	0.339798	0.594023	-1.68344	0.29719	1.7721	1.7721	0.061077	0.327116	-3.05702	0.404148	0.636407	-1.57132	0.129272	0.419891	-2.38157	0.960919	1.02628	1.02628	0.337931	0.592753	-1.68704	2.44328	10.8453	3.94564	1
cg09510924	TOM1L2;TOM1L2	0.111406	0.0803545	0.805542	-1.2414	0.260873	0.877461	-1.13965	0.0759531	0.802387	-1.24628	0.719493	1.04102	1.04102	0.337861	1.11644	1.11644	0.0288182	0.750226	-1.33293	0.110569	1.2139	1.2139	0.567873	0.937667	-1.06648	0.834823	0.976992	-1.02355	2.44327	0.480897	0.174956	1
cg15602215	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.111407	0.0286377	0.261084	-3.83019	0.992766	1.00473	1.00473	0.182022	0.478648	-2.08922	0.326531	0.59045	-1.69362	0.62553	0.774276	-1.29153	0.350425	0.606582	-1.64858	0.00566469	0.151373	-6.60618	0.682811	0.807589	-1.23825	0.143147	0.441114	-2.26699	2.44326	10.4691	3.80878	1
cg11397548	DNALI1;DNALI1	0.111409	0.324836	1.19119	1.19119	0.745921	1.05754	1.05754	0.00907564	1.76921	1.76921	0.0697695	1.41758	1.41758	0.537169	1.11351	1.11351	0.762974	0.949287	-1.05342	0.545909	0.900176	-1.11089	0.658273	0.926266	-1.0796	0.049551	1.47043	1.47043	2.44324	1.14572	0.416831	1
cg25411534	TSGA10;C2orf15;TSGA10	0.111412	0.408026	1.16034	1.16034	0.0267563	0.630548	-1.58592	0.773551	1.052	1.052	0.0113188	0.572739	-1.746	0.325104	1.19549	1.19549	0.884524	1.02587	1.02587	0.327738	0.837338	-1.19426	0.624505	0.916962	-1.09056	0.747153	0.944742	-1.05849	2.44321	1.1949	0.434728	1
cg26430083	YARS;S100PBP;S100PBP	0.111412	0.15175	1.74884	1.74884	0.212399	0.619991	-1.61293	0.0214779	0.365891	-2.73305	0.483131	0.771508	-1.29616	0.0738755	0.484264	-2.06499	0.195758	1.64539	1.64539	0.865793	1.0635	1.0635	0.810682	0.91636	-1.09127	0.34758	1.42192	1.42192	2.44321	5.12611	1.86498	1
cg05281965	RGPD1;RGPD2	0.111414	0.144103	0.591674	-1.69012	0.828372	0.929964	-1.07531	0.330985	0.715011	-1.39858	0.116764	0.565571	-1.76812	0.111322	0.559862	-1.78616	0.00875985	0.32737	-3.05465	0.0393965	0.450684	-2.21885	0.0972581	0.544096	-1.83791	0.235757	0.659981	-1.51519	2.44319	4.32787	1.57458	1
cg21106899	C1orf187	0.111414	0.91328	1.03468	1.03468	0.0404259	2.09748	2.09748	0.94997	1.01983	1.01983	0.0472599	2.03477	2.03477	0.899494	1.04033	1.04033	0.152605	1.61516	1.61516	0.402059	0.76462	-1.30784	0.0155813	2.5298	2.5298	0.992357	0.997007	-1.003	2.44319	3.78931	1.37864	1
cg07073135	RLTPR	0.111416	0.158492	0.554435	-1.80364	0.226974	0.608776	-1.64264	0.849419	0.92833	-1.0772	0.106504	1.99295	1.99295	0.0486299	0.414262	-2.41393	0.0604836	0.436816	-2.28929	0.0422592	0.400367	-2.49771	0.473624	0.751893	-1.32998	0.26577	0.635252	-1.57418	2.44317	5.92374	2.15521	1
cg21950534	ESR1;ESR1;ESR1;ESR1;ESR1	0.111416	0.0212307	0.398	-2.51256	0.144121	0.593357	-1.68533	0.876788	0.949699	-1.05297	0.013151	0.359606	-2.78082	0.0934467	0.541322	-1.84733	0.134945	0.585044	-1.70927	0.104014	0.553627	-1.80627	0.320733	0.710864	-1.40674	0.500422	0.796511	-1.25548	2.44317	4.28155	1.55774	1
cg05374129	TRIM54;TRIM54	0.111417	0.233512	1.68325	1.68325	0.180174	1.81003	1.81003	0.516048	0.759932	-1.31591	0.624705	1.22819	1.22819	0.963866	1.01907	1.01907	0.287855	0.631267	-1.58412	0.0956847	0.46628	-2.14464	0.0139519	0.281977	-3.54639	0.361537	1.47847	1.47847	2.44316	6.72491	2.4467	1
cg07643000	VGLL4;VGLL4	0.11142	0.236172	0.514573	-1.94336	0.132012	0.418892	-2.38725	0.378236	0.616374	-1.62239	0.806551	1.14033	1.14033	0.00510257	0.137954	-7.24882	0.977848	0.985248	-1.01497	0.112507	0.396621	-2.5213	0.749002	0.842129	-1.18747	0.0801418	0.353762	-2.82676	2.44313	11.0855	4.03326	1
cg05750323	SYNE1;SYNE1	0.111421	0.340412	1.30935	1.30935	0.0310802	0.499441	-2.00224	0.0418487	0.525463	-1.90308	0.445441	1.23786	1.23786	0.0654648	0.567103	-1.76335	0.499971	0.828748	-1.20664	0.54168	1.18469	1.18469	0.600601	0.865093	-1.15595	0.12295	0.632249	-1.58166	2.44312	2.91209	1.05952	1
cg06927813	SVIL;SVIL	0.111424	0.133371	1.43541	1.43541	0.0232789	0.545877	-1.83191	0.0719133	1.56597	1.56597	0.800835	0.945132	-1.05805	0.182906	1.37096	1.37096	0.229948	1.32471	1.32471	0.211875	1.34123	1.34123	0.818841	0.950074	-1.05255	0.42023	1.20182	1.20182	2.44309	1.92836	0.701611	1
cg23181590	ZNF704	0.111425	0.121445	0.552951	-1.80848	0.0325712	0.413668	-2.4174	0.193461	1.62508	1.62508	0.310921	0.690773	-1.44765	0.94303	0.975096	-1.02554	0.5716	0.817325	-1.2235	0.0772932	1.99977	1.99977	0.173109	1.66784	1.66784	0.620633	1.1925	1.1925	2.44308	4.81782	1.75291	1
cg17246404	MAGI1;MAGI1;MAGI1	0.111429	0.129244	0.659997	-1.51516	0.536562	1.17191	1.17191	0.303832	0.76342	-1.3099	0.0572872	0.57977	-1.72482	0.0933062	0.626303	-1.59667	0.339796	1.28323	1.28323	0.0431643	1.80341	1.80341	0.437287	0.818031	-1.22245	0.933547	1.02136	1.02136	2.44304	2.48605	0.904536	1
cg01464707	ZNF211;ZNF211	0.111431	0.8098	0.906327	-1.10335	0.022004	0.326101	-3.06653	0.389522	0.697896	-1.43288	0.622551	0.816785	-1.22431	0.797944	0.900645	-1.11031	0.020358	0.319644	-3.12848	0.103106	2.06948	2.06948	0.995223	0.997561	-1.00245	0.238395	0.604282	-1.65486	2.44303	6.43769	2.34233	1
cg25753270	TRIM39;TRIM39	0.111431	0.375021	1.24343	1.24343	0.756686	1.0772	1.0772	0.515288	1.17101	1.17101	0.245464	1.33735	1.33735	0.776203	1.07058	1.07058	0.00715676	0.435612	-2.29562	0.118436	1.50022	1.50022	0.491764	0.846122	-1.18186	0.542969	1.15875	1.15875	2.44302	2.21549	0.806101	1
cg13280108	SHANK2;SHANK2	0.111433	0.701897	0.84085	-1.18927	0.648759	0.813269	-1.22961	0.0652143	0.393375	-2.54211	0.765141	0.873686	-1.14458	0.00367183	0.170274	-5.8729	0.711339	0.845745	-1.18239	0.379753	1.50099	1.50099	0.45917	0.711976	-1.40454	0.454405	0.709311	-1.40982	2.44301	7.86043	2.86002	1
cg02633149	METRNL	0.111438	0.0538606	0.507142	-1.97183	0.563795	0.834426	-1.19843	0.118253	0.590907	-1.69231	0.593983	0.846286	-1.18163	0.00403685	0.301831	-3.31311	0.705915	0.88906	-1.12478	0.200772	0.657608	-1.52066	0.996692	1.00129	1.00129	0.473001	0.797401	-1.25407	2.44296	3.72271	1.35454	1
cg07445258	ALDH1L1	0.111438	0.107419	0.627653	-1.59324	0.0335449	1.93137	1.93137	0.908284	0.969913	-1.03102	0.395109	0.793842	-1.2597	0.107347	0.627582	-1.59342	0.858607	0.953831	-1.0484	0.0428593	0.539112	-1.8549	0.48107	0.827086	-1.20906	0.188042	0.690893	-1.4474	2.44296	2.71869	0.989216	1
cg14332815	LDHC;LDHC	0.111439	0.422819	1.72345	1.72345	0.333248	1.94174	1.94174	0.577664	1.4535	1.4535	0.524666	1.53514	1.53514	0.00502778	0.0848229	-11.7893	0.54496	0.665426	-1.5028	0.495412	1.58445	1.58445	0.315708	1.99314	1.99314	0.459376	1.65015	1.65015	2.44295	17.1029	6.22304	1
cg25887811	SH3RF3	0.11144	0.13179	0.544908	-1.83517	0.0395317	0.411219	-2.43179	0.0192422	0.347537	-2.87739	0.982419	0.99181	-1.00826	0.0246285	0.368305	-2.71514	0.884328	0.947118	-1.05584	0.773225	1.11386	1.11386	0.220299	0.618174	-1.61767	0.674158	0.853999	-1.17096	2.44294	5.38941	1.96099	1
cg04336684	AGRN	0.111442	0.256227	1.14764	1.14764	?	?	?	0.956923	0.993743	-1.0063	0.833503	1.02476	1.02476	0.517565	0.9266	-1.07921	0.488219	0.921434	-1.08527	0.0214615	0.725399	-1.37855	0.078059	1.25545	1.25545	0.117331	1.21854	1.21854	2.46795	0.469103	0.190078	1
cg07119616	LMX1B	0.111448	0.274006	0.820111	-1.21935	0.00523182	0.526346	-1.89989	0.775744	0.951457	-1.05102	0.992519	0.998368	-1.00163	0.121031	0.746085	-1.34033	0.453103	0.875325	-1.14243	0.0599308	0.690875	-1.44744	0.0888663	0.721115	-1.38674	0.357659	0.848056	-1.17917	2.44286	1.17439	0.427328	1
cg20974482	RNF8;RNF8	0.111449	0.380023	0.944243	-1.05905	0.878683	0.990316	-1.00978	0.801762	0.9841	-1.01616	0.00735203	0.802428	-1.24622	0.0993876	0.891299	-1.12196	0.353306	0.940967	-1.06274	0.0215822	0.838788	-1.1922	0.942439	0.99541	-1.00461	0.273634	0.92999	-1.07528	2.44285	0.157043	0.0571437	1
cg25966016	INPP5A	0.11145	0.159634	0.41372	-2.41709	0.165058	2.38629	2.38629	0.227758	2.10347	2.10347	0.153512	0.407577	-2.45352	0.234828	0.481269	-2.07784	0.788918	0.8542	-1.17069	0.0278489	0.217279	-4.60238	0.079434	0.318719	-3.13756	0.322925	0.549007	-1.82147	2.44284	13.3449	4.85589	1
cg02045355	BTN3A2	0.11145	0.0169757	0.143462	-6.97051	0.151952	0.359275	-2.78338	0.063222	0.248219	-4.0287	0.139737	0.346512	-2.8859	0.0663186	0.253195	-3.94953	0.399009	0.562213	-1.77868	0.045849	0.217281	-4.60234	0.0872681	0.283876	-3.52266	0.106484	0.308638	-3.24004	2.44284	17.2097	6.26221	1
cg24277705	CFLP1	0.11145	0.293288	0.795571	-1.25696	0.46729	1.16785	1.16785	0.408065	0.837349	-1.19425	0.432008	0.845164	-1.1832	0.0119626	0.517992	-1.93053	0.757997	1.06698	1.06698	0.0843783	1.49256	1.49256	0.258355	0.780826	-1.2807	0.320647	1.24018	1.24018	2.44284	1.70254	0.619512	1
cg26675876	XKR6	0.111453	0.0547966	0.719291	-1.39026	0.0971647	1.31703	1.31703	0.369494	1.1496	1.1496	0.161814	1.25355	1.25355	0.0852212	0.749874	-1.33356	0.180135	1.24025	1.24025	0.479317	1.11492	1.11492	0.442178	0.888218	-1.12585	0.414536	0.881467	-1.13447	2.44282	0.885278	0.322134	1
cg03943357	PEX6	0.111453	0.980487	0.984663	-1.01558	0.426184	1.67109	1.67109	0.00977574	0.126878	-7.88161	0.509045	0.654877	-1.527	0.306742	1.95165	1.95165	?	?	?	0.39755	1.72878	1.72878	0.126233	2.84469	2.84469	0.550261	1.46513	1.46513	2.46784	13.8742	5.62199	1
cg25302603	PCNXL3	0.111453	0.618024	1.33153	1.33153	0.118685	2.62392	2.62392	0.2435	2.0038	2.0038	0.646786	1.30054	1.30054	0.0242459	0.216563	-4.6176	0.11333	0.374785	-2.66819	0.172671	2.28553	2.28553	0.951851	1.03499	1.03499	0.245811	0.500905	-1.99639	2.44281	12.5502	4.56677	1
cg15212418	RPH3AL	0.111454	0.783693	0.847803	-1.17952	0.992288	1.00582	1.00582	0.894517	0.923489	-1.08285	0.725872	1.23518	1.23518	0.124752	0.368921	-2.71061	0.146901	0.392943	-2.5449	0.100008	2.94882	2.94882	0.0134513	0.159437	-6.27207	0.129632	0.374399	-2.67095	2.4428	13.9287	5.06838	1
cg11465226	PRR7	0.111457	0.0643377	0.371648	-2.69072	0.607729	0.781472	-1.27964	0.691873	1.20889	1.20889	0.045716	0.335912	-2.97697	0.0304972	0.297945	-3.35632	0.328	0.618263	-1.61743	0.022741	0.272968	-3.66343	0.266561	0.576211	-1.73547	0.145402	0.474947	-2.1055	2.44278	8.77453	3.19292	1
cg01886234	DDX19B;DDX19B;DDX19B	0.111457	0.0430684	0.379324	-2.63627	0.230502	0.592232	-1.68853	0.814263	1.10297	1.10297	0.529574	0.767038	-1.30372	0.00860181	0.247715	-4.03689	0.646159	0.824887	-1.21229	0.652523	0.827994	-1.20774	0.151886	0.527666	-1.89514	0.0461603	0.386187	-2.58942	2.44277	6.70943	2.44146	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02377374	SPATA3;SPATA3	0.111457	0.824952	1.05882	1.05882	0.0242685	1.9995	1.9995	0.199541	1.41865	1.41865	0.648789	1.12559	1.12559	0.115369	1.55529	1.55529	0.741323	1.08923	1.08923	0.0153197	2.15552	2.15552	0.332859	0.772798	-1.294	0.655656	0.890653	-1.12277	2.44277	2.57548	0.937178	1
cg25890640	CPT1A;CPT1A	0.111457	0.542044	1.29707	1.29707	0.102921	2.12099	2.12099	0.25982	1.64108	1.64108	0.422273	1.41262	1.41262	0.107424	0.476894	-2.0969	0.0829109	2.24607	2.24607	0.47268	1.36045	1.36045	0.0134128	3.63409	3.63409	0.879715	0.938177	-1.0659	2.44277	6.8708	2.50018	1
cg13409888	PXT1;KCTD20;PXT1	0.111462	0.769874	0.749001	-1.33511	0.156299	4.52287	4.52287	0.23924	3.39536	3.39536	0.847	1.20958	1.20958	0.377541	2.44791	2.44791	0.00858105	0.0322502	-31.0076	?	?	?	0.99364	0.992181	-1.00788	0.564844	1.77548	1.77548	2.61431	34.9448	11.6959	1
cg25965956	RNASEH2A	0.111462	0.186258	0.859636	-1.16328	0.141809	1.18589	1.18589	0.0290604	1.32006	1.32006	0.952984	0.993656	-1.00638	0.978481	1.00292	1.00292	0.0294124	0.758154	-1.31899	0.39589	0.910425	-1.09839	0.775471	1.03135	1.03135	0.727846	0.962994	-1.03843	2.44273	0.450706	0.164008	1
cg08467400	OGDH;OGDH;OGDH	0.111467	0.752241	1.06538	1.06538	0.791813	1.05433	1.05433	0.931092	0.982853	-1.01745	0.369126	1.20257	1.20257	0.44503	0.855817	-1.16847	0.756731	0.93975	-1.06411	0.00309061	0.444986	-2.24726	0.980751	0.995187	-1.00484	0.35719	1.20849	1.20849	2.44267	1.54721	0.563031	1
cg08514895	ZHX1;ZHX1;ZHX1;ZHX1	0.111469	0.290346	1.21174	1.21174	0.592782	1.09909	1.09909	0.395636	1.16445	1.16445	0.806484	0.957956	-1.04389	0.274363	1.22025	1.22025	0.68334	1.07442	1.07442	0.00764685	0.548769	-1.82226	0.382251	0.854851	-1.16979	0.141657	0.758381	-1.3186	2.44266	1.18495	0.431207	1
cg08782022	MGRN1;MGRN1;MGRN1;MGRN1	0.11147	0.143147	0.274382	-3.64455	0.0229439	9.35716	9.35716	0.678348	1.40883	1.40883	0.153083	0.284367	-3.51659	0.864561	0.869087	-1.15063	0.40835	0.499055	-2.00379	0.0432876	0.148005	-6.75652	0.341056	0.446489	-2.2397	0.869213	1.14504	1.14504	2.44265	26.1315	9.50937	1
cg08246659	TIPIN;SCARNA14	0.111473	0.227291	0.768243	-1.30167	0.0384922	0.607317	-1.64659	0.151816	0.726599	-1.37627	0.350509	1.22126	1.22126	0.0361516	0.602408	-1.66	0.0787925	0.666289	-1.50085	0.444078	0.850189	-1.17621	0.462925	1.16815	1.16815	0.108913	0.695122	-1.4386	2.44262	1.67381	0.609114	1
cg21771834	SGCE;PEG10;SGCE;PEG10;SGCE	0.111474	0.764535	1.03659	1.03659	0.19899	1.1763	1.1763	0.481877	1.08929	1.08929	0.201147	0.850854	-1.17529	0.202066	1.17486	1.17486	0.112011	1.23003	1.23003	0.007728	1.50588	1.50588	0.500907	0.921518	-1.08517	0.486821	1.0882	1.0882	2.44261	0.553725	0.201506	1
cg06127202	FRK	0.111479	0.464025	0.830886	-1.20353	0.317679	0.773559	-1.29273	0.0106453	0.450097	-2.22174	0.36927	0.795156	-1.25761	0.05687	0.58525	-1.70867	0.305515	1.3018	1.3018	0.266842	1.33318	1.33318	0.839156	1.05182	1.05182	0.29829	0.764905	-1.30735	2.44256	2.39041	0.869911	1
cg07070583	ANAPC10	0.111481	0.501948	1.09925	1.09925	0.240463	1.18608	1.18608	0.0246318	1.45007	1.45007	0.0559881	1.35067	1.35067	0.0709807	1.32327	1.32327	0.418698	1.12158	1.12158	0.0115072	1.55102	1.55102	0.494794	1.10105	1.10105	0.241226	1.18572	1.18572	2.44254	0.745901	0.271448	1
cg19525602	CRLF1	0.111482	0.987374	0.997594	-1.00241	0.853845	0.972313	-1.02848	0.319349	1.16963	1.16963	0.231057	1.2108	1.2108	0.371639	1.14989	1.14989	0.00820347	1.67359	1.67359	0.598178	1.08434	1.08434	0.0146083	1.58069	1.58069	0.797308	1.03996	1.03996	2.44253	0.896794	0.326362	1
cg17925360	CFLAR;CFLAR;CFLAR;CFLAR	0.111484	0.140671	1.38159	1.38159	0.831839	1.04383	1.04383	0.472642	1.15916	1.15916	0.445242	1.17046	1.17046	0.571363	0.890882	-1.12248	0.439616	0.852624	-1.17285	0.0057848	0.466778	-2.14234	0.88287	0.970703	-1.03018	0.537134	1.13459	1.13459	2.59024	1.63333	0.490444	1
cg13357518	HSPG2	0.111485	0.501993	0.739617	-1.35205	0.178727	0.531322	-1.8821	0.796627	1.12111	1.12111	0.278117	0.606994	-1.64746	0.406952	0.686932	-1.45575	0.494261	0.735453	-1.35971	0.00414009	0.182365	-5.48351	0.0459123	0.363191	-2.75337	0.292774	0.616842	-1.62116	2.4425	7.58017	2.75861	1
cg01885202	CDKL5	0.111485	0.144419	0.332551	-3.00705	0.549043	0.653273	-1.53075	0.422784	1.77708	1.77708	0.0908504	3.69913	3.69913	0.0450006	5.03026	5.03026	0.109901	0.294132	-3.39983	0.112731	0.297485	-3.36152	0.534197	0.642692	-1.55596	0.850847	0.876175	-1.14132	2.4425	19.0762	6.94233	1
cg11700800	FLJ42709;FLJ42709;FLJ42709	0.111485	0.437002	1.88783	1.88783	0.0237912	8.6898	8.6898	0.116663	3.92009	3.92009	0.471919	1.7975	1.7975	0.0220597	9.02717	9.02717	0.514962	1.69746	1.69746	0.0558679	5.67425	5.67425	0.0659358	5.22457	5.22457	0.0865112	4.56048	4.56048	2.4425	24.8439	9.04133	1
cg05575228	ST8SIA4	0.111486	0.0161602	0.427318	-2.34018	0.0353112	0.492516	-2.03039	0.425854	0.790616	-1.26484	0.450356	1.24885	1.24885	0.216793	0.686948	-1.45572	0.940549	1.02178	1.02178	0.236091	1.43151	1.43151	0.826405	1.06552	1.06552	0.210068	0.682739	-1.46469	2.44249	3.22939	1.17526	1
cg02344606	IFRD1	0.111493	0.175957	0.580127	-1.72376	0.121893	0.530197	-1.88609	0.0221044	0.353992	-2.82492	0.0788717	0.477857	-2.09268	0.237029	0.625751	-1.59808	0.0334479	0.390489	-2.56089	0.61881	0.827118	-1.20902	0.67966	0.854594	-1.17015	0.027105	0.371564	-2.69133	2.44243	5.53945	2.01601	1
cg16177314	GYPB	0.111494	0.0632323	0.36662	-2.72762	0.0245302	0.276204	-3.62051	0.0317326	0.298414	-3.35105	0.303659	0.599475	-1.66813	0.0288634	0.290054	-3.44764	0.237229	0.551709	-1.81255	0.121726	0.446754	-2.23837	0.197499	0.51981	-1.92378	0.164309	0.490317	-2.0395	2.44241	8.92352	3.24761	1
cg18426009	C5orf37	0.111495	0.158541	1.25077	1.25077	0.801335	1.03814	1.03814	0.12863	0.783632	-1.27611	0.446088	1.12221	1.12221	0.47845	1.11291	1.11291	0.511101	0.905788	-1.10401	0.361149	0.869913	-1.14954	0.056749	1.37732	1.37732	0.0203352	1.5147	1.5147	2.4424	0.852556	0.31028	1
cg02524754	HSF2BP	0.111496	0.863294	1.04235	1.04235	0.411163	0.816868	-1.22419	0.00950752	0.45351	-2.20502	0.366772	0.799977	-1.25004	0.0904006	0.638193	-1.56692	0.455168	1.20093	1.20093	0.103037	1.53614	1.53614	0.776031	0.933649	-1.07107	0.610098	0.883568	-1.13178	2.4424	2.24107	0.815616	1
cg07150166	LCLAT1;LCLAT1	0.111504	0.19392	0.725654	-1.37807	0.0388344	1.74734	1.74734	0.0513431	1.67805	1.67805	0.862683	0.960414	-1.04122	0.593935	1.13377	1.13377	0.0895503	0.64615	-1.54763	0.226566	0.743613	-1.34478	0.488103	1.17862	1.17862	0.600771	1.1311	1.1311	2.44232	2.10562	0.766346	1
cg01441127	MR1	0.111506	0.0175915	2.19536	2.19536	0.292687	0.742918	-1.34604	0.114111	0.626332	-1.5966	0.411469	1.25685	1.25685	0.758323	1.08764	1.08764	0.207521	1.43591	1.43591	0.44516	1.23599	1.23599	0.360637	0.774276	-1.29153	0.174317	0.674776	-1.48197	2.4423	2.86636	1.04323	1
cg26926904	ANKRD37	0.111508	0.0962945	0.741709	-1.34824	0.250984	0.821802	-1.21684	0.782956	1.04622	1.04622	0.822792	0.963964	-1.03738	0.674019	0.933119	-1.07167	0.989624	1.00213	1.00213	0.00399011	0.530891	-1.88363	0.595759	1.09156	1.09156	0.566498	1.09945	1.09945	2.44228	1.03555	0.376898	1
cg06883551	SPTY2D1;SPTY2D1	0.111512	0.0347509	0.619569	-1.61402	0.146896	0.738732	-1.35367	0.102007	0.705998	-1.41643	0.280306	1.24396	1.24396	0.375456	0.837833	-1.19355	0.0409033	0.631908	-1.58251	0.357329	1.20218	1.20218	0.65854	1.09036	1.09036	0.237576	0.786104	-1.2721	2.44224	1.46349	0.53266	1
cg18621123	TBC1D22A	0.111514	0.994212	0.998586	-1.00142	0.467633	1.15511	1.15511	0.0242887	0.592224	-1.68855	0.791165	1.05314	1.05314	0.0178731	0.570274	-1.75354	0.151277	1.3499	1.3499	0.633026	1.0984	1.0984	0.824315	1.04434	1.04434	0.800008	1.05078	1.05078	2.44222	1.47245	0.535923	1
cg21350892	C20orf30;C20orf30;C20orf30;C20orf30	0.111517	0.864001	1.03097	1.03097	0.00272592	0.478963	-2.08784	0.205218	0.788391	-1.26841	0.736723	0.941742	-1.06186	0.328628	0.835806	-1.19645	0.131023	0.74823	-1.33649	0.374927	0.850442	-1.17586	0.560113	0.900495	-1.1105	0.993072	0.998457	-1.00155	2.44219	1.22395	0.445485	1
cg04916091	JAK3	0.111517	0.0319742	0.299107	-3.34328	0.234306	0.555338	-1.80071	0.0926148	0.414859	-2.41046	0.936342	0.963278	-1.03812	0.0207701	0.261096	-3.83001	0.792794	1.13127	1.13127	0.411652	0.674009	-1.48366	0.542095	1.33587	1.33587	0.258636	1.74304	1.74304	2.58988	8.80841	2.6453	1
cg17254701	CARD14	0.11152	0.745547	0.924703	-1.08143	0.974684	0.9924	-1.00766	0.863975	0.959615	-1.04208	0.167832	1.4239	1.4239	0.0195838	0.507571	-1.97017	0.397501	1.23156	1.23156	0.0225835	0.518661	-1.92804	0.443723	1.20651	1.20651	0.727829	0.919436	-1.08762	2.44216	2.23554	0.813683	1
cg19267742	TUBGCP2	0.111522	0.0543195	0.596513	-1.67641	0.340856	0.792759	-1.26142	0.051399	0.591689	-1.69008	0.137935	0.685255	-1.45931	0.0154599	0.49513	-2.01967	0.0598509	0.605078	-1.65268	0.187161	0.718357	-1.39207	0.117352	0.668681	-1.49548	0.103825	0.656499	-1.52323	2.44215	2.16529	0.788117	1
cg26527457	C19orf45	0.111522	0.893158	0.949165	-1.05356	0.71471	1.15319	1.15319	0.226179	0.610544	-1.63788	0.748844	1.13282	1.13282	0.0663386	0.449537	-2.22451	0.271834	0.641399	-1.55909	0.0174469	0.325122	-3.07576	0.0935114	2.04658	2.04658	0.238583	0.619254	-1.61485	2.44215	5.83028	2.1221	1
cg20234947	ALDH1L2;ALDH1L2	0.111524	0.390878	0.866509	-1.15406	0.940038	1.01234	1.01234	0.172995	1.26659	1.26659	0.659055	0.93019	-1.07505	0.03827	1.47895	1.47895	0.193962	1.25105	1.25105	0.18949	1.25422	1.25422	0.56361	1.09983	1.09983	0.0327526	0.665562	-1.50249	2.44212	1.02735	0.373937	1
cg04322298	ORMDL1;ORMDL1	0.111525	0.99716	0.998718	-1.00128	0.29655	0.677069	-1.47696	0.289143	0.672693	-1.48656	0.768046	0.898915	-1.11245	0.027764	0.391696	-2.553	0.711084	0.874539	-1.14346	0.254644	0.651437	-1.53507	0.0173916	2.83903	2.83903	0.781933	1.10515	1.10515	2.44211	5.02161	1.82778	1
cg10981727	ASAP1	0.111528	0.264187	1.84915	1.84915	0.252022	0.531509	-1.88144	0.016781	0.214035	-4.67213	0.140048	2.31311	2.31311	0.4905	0.690775	-1.44765	0.787926	0.867261	-1.15306	0.899583	1.06896	1.06896	0.0706133	2.90718	2.90718	0.756502	1.17855	1.17855	2.44209	10.7906	3.92766	1
cg16889556	PFN1	0.111535	0.0200694	2.01332	2.01332	0.404159	1.23732	1.23732	0.655553	1.11851	1.11851	0.0596904	0.588538	-1.69913	0.239712	1.3595	1.3595	0.216298	1.38346	1.38346	0.55729	0.862375	-1.15959	0.575575	0.868398	-1.15155	0.123139	1.51689	1.51689	2.44202	2.40687	0.876097	1
cg19244097	CLDN14	0.111538	0.419962	0.463782	-2.15619	0.00400992	0.0271779	-36.7946	0.104556	0.19121	-5.22985	0.876755	0.865269	-1.15571	0.251891	0.327549	-3.05298	0.640714	1.55005	1.55005	0.351874	0.409279	-2.44332	0.525226	1.82269	1.82269	0.950737	1.0593	1.0593	2.44199	33.6284	12.2408	1
cg17362861	WDR86	0.111539	0.460206	1.32016	1.32016	0.0140872	0.326464	-3.06313	0.992158	0.996376	-1.00364	0.0152248	0.332516	-3.00738	0.369256	0.711319	-1.40584	0.477627	0.765895	-1.30566	0.47159	0.762994	-1.31063	0.905094	1.04505	1.04505	0.457582	1.32238	1.32238	2.44198	5.27749	1.92102	1
cg00630775	HDAC4	0.11154	0.533092	0.8026	-1.24595	0.163063	0.595346	-1.6797	0.0146444	0.351014	-2.84889	0.277346	1.4822	1.4822	0.586877	0.826042	-1.21059	0.0575491	0.473256	-2.11302	0.103244	0.537522	-1.86039	0.345566	0.712926	-1.40267	0.0773687	0.504638	-1.98162	2.44197	4.69264	1.70814	1
cg03223734	C20orf26	0.11154	0.0875821	0.226362	-4.41771	0.591291	1.53271	1.53271	0.324086	2.23067	2.23067	0.647919	0.696137	-1.4365	0.0481218	0.168719	-5.92703	0.171927	0.318038	-3.14428	0.0513996	0.174245	-5.73903	0.0392208	0.152651	-6.5509	0.22216	0.363936	-2.74774	2.44197	24.0033	8.73733	1
cg07733198	CLEC16A	0.111541	0.114226	1.3353	1.3353	0.0887225	0.729056	-1.37164	0.671077	0.930632	-1.07454	0.106991	1.34466	1.34466	0.393977	1.15829	1.15829	0.504459	1.12075	1.12075	0.0908465	1.36821	1.36821	0.0632857	0.70362	-1.42122	0.813536	0.961015	-1.04057	2.44196	1.09544	0.398749	1
cg00476675	SNORD116-20;SNORD116-17;SNORD116-19	0.111542	0.0787711	0.251255	-3.98003	0.601062	1.4525	1.4525	0.225608	2.46063	2.46063	0.425534	1.77849	1.77849	0.192262	0.376601	-2.65533	0.476934	1.66812	1.66812	0.0442158	0.194863	-5.13182	0.934879	0.943818	-1.05953	0.0391104	0.184631	-5.4162	2.44195	19.3625	7.04809	1
cg23324086	BCL11B;BCL11B	0.111544	0.224367	0.735013	-1.36052	0.0699821	1.63021	1.63021	0.148127	1.45386	1.45386	0.738786	1.08407	1.08407	0.70308	1.09678	1.09678	0.0174855	2.00915	2.00915	0.105671	1.53165	1.53165	0.471189	1.1934	1.1934	0.301131	0.772263	-1.2949	2.44194	2.25029	0.819129	1
cg11765918	PAICS;PAICS;PAICS;PPAT;PAICS	0.111544	?	?	?	0.54622	1.27458	1.27458	0.988476	1.00575	1.00575	0.173448	0.562472	-1.77787	0.80221	0.905096	-1.10486	0.407587	1.40011	1.40011	0.0112533	0.283225	-3.53077	0.146104	0.538005	-1.85872	0.214929	1.67973	1.67973	2.46694	5.48167	2.22205	1
cg17069349	WDR82	0.111549	0.988397	1.00263	1.00263	0.305846	1.21089	1.21089	0.322437	1.20259	1.20259	0.904679	0.97861	-1.02186	0.389116	1.17268	1.17268	0.554907	1.11381	1.11381	0.00494677	0.51081	-1.95767	0.742487	0.942228	-1.06131	0.270281	1.2302	1.2302	2.44189	1.25982	0.458596	1
cg12205554	ADARB2	0.111549	0.617089	1.15864	1.15864	0.161836	0.646397	-1.54704	0.0341934	0.485854	-2.05823	0.771	1.08899	1.08899	0.154371	0.640611	-1.56101	0.13076	0.620861	-1.61067	0.85304	1.05566	1.05566	0.265047	1.40395	1.40395	0.0281928	0.469065	-2.1319	2.44188	3.29981	1.20119	1
cg17104900	RNF34;RNF34	0.11155	0.113493	0.509573	-1.96243	0.697896	0.85839	-1.16497	0.849693	0.928422	-1.0771	0.479921	0.754935	-1.32462	0.1374	1.87072	1.87072	0.131843	1.89027	1.89027	0.89352	0.948925	-1.05382	0.0789806	0.466003	-2.14591	0.0365901	2.58801	2.58801	2.44188	5.92662	2.1574	1
cg24001477	ELP4;IMMP1L	0.11155	0.902253	0.952832	-1.0495	0.122047	1.93293	1.93293	0.440901	1.36214	1.36214	0.629993	0.826232	-1.21031	0.540083	0.783549	-1.27624	0.164846	0.558398	-1.79084	0.124069	0.519488	-1.92497	0.01099	0.285159	-3.50682	0.504583	1.3051	1.3051	2.44187	5.98048	2.17701	1
cg03077572	PCYT2	0.111551	0.146391	0.615772	-1.62398	0.242345	1.4631	1.4631	0.828881	0.934896	-1.06964	0.283251	0.706984	-1.41446	0.405007	0.767218	-1.30341	0.855669	0.944946	-1.05826	0.00649535	0.332788	-3.00491	0.341867	1.35607	1.35607	0.249036	0.687482	-1.45458	2.44186	3.7409	1.36177	1
cg05142942	PSTPIP1	0.111552	0.473104	1.44195	1.44195	0.0199078	4.09417	4.09417	0.02881	3.64405	3.64405	0.943533	0.965094	-1.03617	0.940194	0.963064	-1.03835	0.294302	1.72561	1.72561	0.0422221	3.23398	3.23398	0.0563076	2.95661	2.95661	0.61008	1.2943	1.2943	2.44186	9.7294	3.54171	1
cg00103961	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.111554	0.0981366	0.70835	-1.41173	0.0749881	0.685996	-1.45774	0.525198	1.13017	1.13017	0.0206562	1.69843	1.69843	0.988313	1.00279	1.00279	0.784584	1.05346	1.05346	0.286105	0.810136	-1.23436	0.371455	1.19055	1.19055	0.318415	1.21652	1.21652	2.44184	1.39705	0.508561	1
cg03388409	TP53BP2;TP53BP2	0.111555	0.366858	0.741407	-1.34879	0.599966	1.18626	1.18626	0.454686	0.782086	-1.27863	0.965068	1.01424	1.01424	0.0140796	0.375979	-2.65972	0.273817	0.69243	-1.44419	0.629817	0.854917	-1.1697	0.0576205	1.99962	1.99962	0.104405	0.563866	-1.77347	2.44182	4.02879	1.46659	1
cg17366309	LRP5L	0.111556	0.0272029	0.331808	-3.01379	0.657086	1.20752	1.20752	0.730579	0.864253	-1.15707	0.280176	0.622644	-1.60606	0.0114344	0.262964	-3.8028	0.474756	0.735817	-1.35903	0.103818	0.47205	-2.11842	0.760625	1.13765	1.13765	0.132394	0.503932	-1.9844	2.44182	6.88833	2.50754	1
cg12449974	CORO2B	0.111557	0.512257	0.709843	-1.40876	0.0699601	2.8428	2.8428	0.0185814	4.3561	4.3561	0.906798	1.06225	1.06225	0.0893676	0.380665	-2.62698	0.366077	1.61417	1.61417	0.624095	1.29005	1.29005	0.224109	0.51762	-1.93192	0.984993	0.990348	-1.00975	2.4418	10.2823	3.74305	1
cg15169471	LOC728190;LOC439994	0.11156	0.434844	0.81008	-1.23445	0.00958453	0.420209	-2.37977	0.196243	1.43508	1.43508	0.320457	1.31175	1.31175	0.475091	0.825313	-1.21166	0.696059	1.10935	1.10935	0.197467	0.697589	-1.43351	?	?	?	0.585165	1.15685	1.15685	2.46678	2.42654	0.983689	1
cg24449706	DOCK5	0.111561	0.168362	0.450244	-2.22102	0.0494917	0.295689	-3.38193	0.0136367	0.190385	-5.25251	0.584208	0.740507	-1.35043	0.0815059	0.350073	-2.85654	0.140139	0.421967	-2.36985	0.0352485	0.263663	-3.79272	0.363293	0.601759	-1.66179	0.937617	0.958341	-1.04347	2.44177	11.428	4.16018	1
cg22358580	HOXC4;HOXC5;HOXC5	0.111563	0.3271	0.701587	-1.42534	0.0316611	0.413739	-2.41698	0.756065	0.896581	-1.11535	0.440619	1.31719	1.31719	0.65684	0.855007	-1.16958	0.0967385	0.527964	-1.89407	0.018589	0.36799	-2.71747	0.229469	1.55544	1.55544	0.524828	0.797913	-1.25327	2.44175	4.74604	1.72774	1
cg06019841	SCLY	0.111567	0.16755	0.826219	-1.21033	0.615905	1.06784	1.06784	0.889261	1.01824	1.01824	0.504109	0.915788	-1.09196	0.362231	1.12922	1.12922	0.0552222	1.32582	1.32582	0.00813362	1.55214	1.55214	0.9311	0.988841	-1.01128	0.690735	1.05326	1.05326	2.44171	0.651193	0.237062	1
cg25868126	TMEM177;TMEM177;TMEM177	0.111569	0.087576	0.270801	-3.69275	0.0128907	0.117795	-8.48935	0.0448007	0.2028	-4.93097	0.706799	0.769683	-1.29924	0.120327	0.311224	-3.21312	0.109597	0.298677	-3.34809	0.0777706	0.257206	-3.88794	0.862743	1.12735	1.12735	0.357881	0.519453	-1.9251	2.44169	18.5575	6.7558	1
cg13782092	FAM13A;FAM13A	0.111574	0.720979	0.87131	-1.1477	0.0377878	2.52277	2.52277	0.0350243	2.56898	2.56898	0.183354	1.7199	1.7199	0.195406	0.590959	-1.69217	0.390002	1.40265	1.40265	0.0908195	2.04544	2.04544	0.102721	1.98538	1.98538	0.902195	1.04836	1.04836	2.44164	5.70582	2.07723	1
cg27574991	TNS3	0.111574	0.910279	0.955373	-1.04671	0.285279	0.637959	-1.5675	0.949167	1.02616	1.02616	0.107735	0.491221	-2.03575	0.121991	0.507196	-1.97162	0.105881	2.04483	2.04483	0.0467712	2.51426	2.51426	0.157972	1.84295	1.84295	0.366853	0.686987	-1.45563	2.44164	6.34274	2.3091	1
cg12775656	WDR86	0.111578	0.0439077	6.93996	6.93996	0.0181102	11.0358	11.0358	0.296723	2.47216	2.47216	0.13459	3.8559	3.8559	0.11884	4.12159	4.12159	0.195752	3.14118	3.14118	0.699711	1.38298	1.38298	0.0621531	5.79338	5.79338	0.0369852	7.58744	7.58744	2.4416	27.0633	9.85265	1
cg08689158	HSFX2;HSFX1	0.111579	0.925087	1.03428	1.03428	0.0657818	0.477157	-2.09575	0.152739	0.577608	-1.73128	0.410006	0.739369	-1.3525	0.0548351	0.458193	-2.18249	0.3617	0.714611	-1.39936	0.268639	1.51121	1.51121	0.19948	1.62551	1.62551	0.109856	1.86753	1.86753	2.44159	4.96662	1.80816	1
cg09166345	ERI3	0.111585	0.924353	1.01387	1.01387	0.471278	1.11216	1.11216	0.661085	1.06609	1.06609	0.642045	0.934348	-1.07027	0.670564	1.06404	1.06404	0.0652926	0.740698	-1.35008	0.0112563	1.585	1.585	0.0976165	1.30168	1.30168	0.267653	1.18235	1.18235	2.44153	0.81368	0.296237	1
cg08239282	FHL2	0.111586	0.0632321	0.241446	-4.14171	0.389069	0.54858	-1.82289	0.273229	0.460411	-2.17197	0.889195	1.09946	1.09946	0.00547629	0.0833545	-11.997	0.692374	1.31061	1.31061	0.128842	0.327449	-3.05391	0.475055	0.610121	-1.63902	0.162771	0.362928	-2.75537	2.44152	17.892	6.51395	1
cg23416247	KIAA0564;KIAA0564	0.111587	0.554387	1.09621	1.09621	0.285604	0.843359	-1.18574	0.463329	1.1215	1.1215	0.645027	1.07386	1.07386	0.363188	0.866272	-1.15437	0.172716	0.800184	-1.24971	0.0094757	0.603513	-1.65696	0.344627	1.16129	1.16129	0.0944983	0.754015	-1.32623	2.44152	0.912459	0.332201	1
cg16194160	PARP10	0.111587	0.104651	0.33896	-2.9502	0.217166	0.452929	-2.20785	0.449157	0.624725	-1.6007	0.180513	2.38072	2.38072	0.0180528	0.173428	-5.76608	0.0515876	0.25885	-3.86324	0.0977126	0.330121	-3.02919	0.651957	0.758086	-1.31911	0.790143	0.849849	-1.17668	2.44151	14.3874	5.23808	1
cg12228229	DLG4;ACADVL;DLG4;ACADVL;DLG4	0.111588	0.608483	0.856839	-1.16708	0.696618	1.12431	1.12431	0.00528362	3.003	3.003	0.542343	0.831573	-1.20254	0.307978	0.729373	-1.37104	0.11245	0.59644	-1.67661	0.727229	1.1104	1.1104	0.907076	0.965682	-1.03554	0.842067	1.06147	1.06147	2.4415	3.4581	1.25901	1
cg19351000	BCL11A;BCL11A;BCL11A	0.111588	0.511022	0.827508	-1.20845	0.0354433	2.00473	2.00473	0.90244	0.965771	-1.03544	0.594214	0.858373	-1.16499	0.0775269	0.57277	-1.7459	0.970506	0.989554	-1.01056	0.0293995	0.482578	-2.0722	0.22418	1.43713	1.43713	0.926804	1.02644	1.02644	2.4415	3.11908	1.13558	1
cg21677594	DLAT	0.11159	0.381845	0.706051	-1.41633	0.131844	0.531947	-1.87989	0.0159608	0.318205	-3.14263	0.285558	0.650222	-1.53794	0.0191396	0.332779	-3.005	0.264335	0.636667	-1.57068	0.613935	1.21824	1.21824	0.204919	0.595066	-1.68049	0.0864837	0.47955	-2.08529	2.44149	5.82366	2.12026	1
cg03443676	CDCA8	0.11159	0.768147	0.950484	-1.0521	0.778459	1.04964	1.04964	0.53205	1.11486	1.11486	0.32654	0.840293	-1.19006	0.938032	0.986732	-1.01345	0.0219482	0.623635	-1.6035	0.0203026	1.6171	1.6171	0.875339	1.02734	1.02734	0.214517	0.798932	-1.25167	2.44148	1.1411	0.415449	1
cg00901687	MYCBPAP	0.111591	0.0253164	0.0989937	-10.1017	0.788736	0.791687	-1.26313	0.726161	1.35776	1.35776	0.222498	3.04968	3.04968	0.0196173	0.0860898	-11.6158	0.655648	1.47754	1.47754	0.705883	0.719096	-1.39063	0.0931589	0.200599	-4.98508	0.687644	0.703608	-1.42125	2.44147	29.2517	10.6499	1
cg05580655	SCHIP1	0.111594	0.0134594	0.49205	-2.03231	0.700661	0.91436	-1.09366	0.634684	1.11733	1.11733	0.644563	1.11368	1.11368	0.755606	0.930189	-1.07505	0.0188791	1.93313	1.93313	0.808035	0.945144	-1.05804	0.918421	0.976534	-1.02403	0.523142	0.860718	-1.16182	2.44145	2.07725	0.756292	1
cg06625244	MIR1323	0.1116	0.0850092	0.398097	-2.51195	0.658462	0.806422	-1.24005	0.204878	0.523641	-1.9097	0.120716	0.443123	-2.25671	0.0081701	0.194553	-5.13999	0.667411	0.811338	-1.23253	0.0331076	0.299729	-3.33634	0.128482	0.451748	-2.21362	0.367829	0.639305	-1.5642	2.44139	9.04395	3.29282	1
cg15293582	PRF1;PRF1	0.111603	0.135585	0.695711	-1.43738	0.659016	0.904685	-1.10536	0.453469	0.841766	-1.18798	0.0226395	0.540313	-1.85078	0.297054	0.783599	-1.27616	0.29317	0.781943	-1.27887	0.0408035	1.70339	1.70339	0.621022	0.893675	-1.11898	0.128326	0.690189	-1.44888	2.44136	1.96727	0.716277	1
cg05354330	KIAA0754;MACF1;MACF1	0.111603	0.74427	1.10577	1.10577	0.316541	0.727551	-1.37447	0.0147223	0.397648	-2.51479	0.913594	0.967209	-1.0339	0.41476	1.29185	1.29185	0.265788	1.42789	1.42789	0.0450992	2.02634	2.02634	0.882377	0.955541	-1.04653	0.32072	0.729676	-1.37047	2.44136	3.64834	1.32835	1
cg07628558	VAPB	0.111605	0.363658	0.906574	-1.10305	0.0801128	0.815468	-1.22629	0.307271	1.11744	1.11744	0.0862248	0.819423	-1.22037	0.140096	1.18149	1.18149	0.957432	0.994408	-1.00562	0.204402	0.868744	-1.15109	0.138888	1.18219	1.18219	0.150161	1.17594	1.17594	2.44134	0.426802	0.155398	1
cg23689712	LMX1A	0.111607	0.540471	1.14143	1.14143	0.17491	1.36071	1.36071	0.078071	1.51882	1.51882	0.534712	1.14364	1.14364	0.747536	1.07138	1.07138	0.5749	0.886062	-1.12859	0.00985214	0.498408	-2.00639	0.53842	1.14222	1.14222	0.3755	1.2143	1.2143	2.44132	1.76204	0.641563	1
cg14165186	AKAP13;AKAP13;AKAP13	0.111609	0.721679	1.08487	1.08487	0.111936	1.48322	1.48322	0.309272	0.786913	-1.27079	0.12001	1.46833	1.46833	0.976122	0.993207	-1.00684	0.0259819	1.82551	1.82551	0.0182505	1.92044	1.92044	0.8744	0.964615	-1.03668	0.863813	1.03987	1.03987	2.4413	2.00542	0.730181	1
cg07240873	PCDHA6;PCDHA2;PCDHA1;PCDHA10;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA3;PCDHA4;PCDHA10;P	0.111612	0.054104	3.14036	3.14036	0.13178	2.34334	2.34334	0.185289	2.08617	2.08617	0.0900537	2.65911	2.65911	0.108575	2.49985	2.49985	0.0935222	2.62625	2.62625	0.0222837	4.19485	4.19485	0.0387814	3.4994	3.4994	0.101714	2.55448	2.55448	2.44127	10.5947	3.85762	1
cg14841011	PRDM16;PRDM16	0.111613	0.537703	0.761082	-1.31392	0.558974	0.772175	-1.29504	0.96703	1.01825	1.01825	0.546675	1.30587	1.30587	0.112243	0.469282	-2.13092	0.883735	1.06611	1.06611	0.188963	0.543961	-1.83837	0.00665979	4.66647	4.66647	0.724435	1.16749	1.16749	2.44127	7.40083	2.69471	1
cg16827215	GALNTL4	0.111613	0.844793	1.1405	1.1405	0.0632676	0.246336	-4.05949	0.903212	0.921642	-1.08502	0.437442	0.58784	-1.70114	0.0416465	0.206949	-4.8321	0.255163	0.450751	-2.21852	0.00936957	0.109709	-9.11502	0.923328	1.0667	1.0667	0.129393	0.333197	-3.00123	2.44126	17.3946	6.33354	1
cg13932029	ELAVL2	0.111614	0.197827	0.466058	-2.14566	0.275716	0.529414	-1.88888	0.680406	1.26151	1.26151	0.0970105	0.360005	-2.77774	0.0380659	0.259599	-3.85209	0.163967	0.434724	-2.30031	0.0128308	0.176683	-5.65987	0.0679651	0.317721	-3.14742	0.326226	0.566364	-1.76565	2.44126	12.1633	4.42879	1
cg20672205	TADA1	0.111614	0.0333382	0.426025	-2.34728	0.833369	0.930271	-1.07496	0.276138	1.475	1.475	0.704078	0.877285	-1.13988	0.76291	0.901406	-1.10938	0.0354212	0.431577	-2.31708	0.0313563	0.420477	-2.37825	0.103479	0.542834	-1.84218	0.457105	0.771191	-1.2967	2.44125	4.55112	1.65712	1
cg26025691	MIR365-2	0.111616	0.226299	0.724137	-1.38095	0.119871	1.53525	1.53525	0.394776	0.801368	-1.24787	0.264122	0.743995	-1.3441	0.00791092	0.420891	-2.37591	0.515896	1.18218	1.18218	0.309003	0.765302	-1.30667	0.86832	1.04306	1.04306	0.33242	0.775667	-1.28921	2.44123	2.49555	0.908665	1
cg09872841	ITPKB	0.111619	0.170759	0.770732	-1.29747	0.2255	0.796719	-1.25515	0.0592218	0.683682	-1.46267	0.270724	0.814868	-1.22719	0.899525	0.9777	-1.02281	0.98615	1.0031	1.0031	0.0460887	1.5039	1.5039	0.394957	0.855947	-1.1683	0.0380379	0.650927	-1.53627	2.44121	1.23236	0.448726	1
cg15998421	C14orf126	0.111619	0.158093	0.674321	-1.48297	0.901298	1.03293	1.03293	0.007143	2.47727	2.47727	0.110476	1.57487	1.57487	0.607147	1.14502	1.14502	0.437979	1.22947	1.22947	0.315231	1.31149	1.31149	0.526762	0.845804	-1.18231	0.636705	0.883176	-1.13228	2.44121	2.63623	0.959899	1
cg18589874	FAM180B;FAM180B	0.111619	0.471205	0.784728	-1.27433	0.0260682	2.39501	2.39501	0.239998	1.50218	1.50218	0.60895	1.18608	1.18608	0.0612128	0.497745	-2.00906	0.230394	0.659572	-1.51614	0.471318	0.784778	-1.27425	0.387309	0.745959	-1.34056	0.149261	0.599606	-1.66776	2.44121	4.22951	1.54004	1
cg20803780	GSTA1;GSTA1	0.111622	0.00812806	0.112811	-8.86437	0.301574	0.501944	-1.99225	0.105469	0.320135	-3.12369	0.939898	1.04976	1.04976	0.136913	0.356359	-2.80616	0.0727956	0.275573	-3.62881	0.0442538	0.225786	-4.42897	0.43132	0.596168	-1.67738	0.461189	0.616861	-1.62111	2.44118	16.0342	5.83841	1
cg02455803	MARCKSL1	0.111622	0.619766	1.09528	1.09528	0.0856789	0.707782	-1.41286	0.592395	0.906352	-1.10332	0.00790442	0.538021	-1.85866	0.506251	1.13055	1.13055	0.629359	1.09252	1.09252	0.838312	1.03787	1.03787	0.623582	0.91393	-1.09418	0.154315	1.31974	1.31974	2.44118	1.27993	0.466052	1
cg00664418	PHF13	0.111624	0.598722	1.07708	1.07708	0.252081	1.18211	1.18211	0.0740051	1.32106	1.32106	0.0885074	0.768916	-1.30053	0.355629	1.1421	1.1421	0.237997	0.841271	-1.18868	0.473095	1.10743	1.10743	0.548061	1.08871	1.08871	0.0202804	1.47895	1.47895	2.44116	0.755996	0.275278	1
cg24135553	C11orf41	0.111624	0.38127	0.712838	-1.40284	0.68535	1.16596	1.16596	0.632594	0.833972	-1.19908	0.476602	1.31365	1.31365	0.0039902	0.232538	-4.30038	0.127922	0.537738	-1.85964	0.515314	0.779841	-1.28231	0.917256	1.03995	1.03995	0.1772	0.582385	-1.71708	2.44116	5.49324	2.00023	1
cg03282336	ARL5B	0.111624	0.563916	1.20702	1.20702	0.191967	1.56124	1.56124	0.384961	0.750293	-1.33281	0.0189227	0.399813	-2.50117	0.44443	1.28589	1.28589	0.163344	1.61581	1.61581	0.42282	1.30221	1.30221	0.0688922	1.92825	1.92825	0.375054	1.3413	1.3413	2.44115	4.02191	1.46448	1
cg02001558	PGGT1B	0.111628	0.24686	1.1697	1.1697	0.590224	1.07291	1.07291	0.24672	1.16976	1.16976	0.255778	1.16599	1.16599	0.659175	0.944163	-1.05914	0.101856	0.793099	-1.26088	0.135572	0.812023	-1.23149	0.134455	0.811464	-1.23234	0.0433331	1.35098	1.35098	2.44112	0.64785	0.235903	1
cg06391300	PVRL1;PVRL1;PVRL1	0.11163	0.114171	0.797489	-1.25394	0.725705	0.954675	-1.04748	0.204055	0.838192	-1.19304	0.864681	0.977789	-1.02272	0.505162	0.914806	-1.09313	0.188038	0.832191	-1.20165	0.00355627	0.594422	-1.68231	0.160262	0.82074	-1.21841	0.851684	1.02495	1.02495	2.4411	0.670414	0.244121	1
cg10040131	SFXN5	0.11163	0.387212	0.733518	-1.36329	0.00718737	0.297221	-3.3645	0.147043	0.580358	-1.72308	0.558353	0.813052	-1.22993	0.698109	1.14601	1.14601	0.121031	1.80012	1.80012	0.409432	0.744547	-1.3431	0.812588	1.08659	1.08659	0.261068	0.663764	-1.50656	2.4411	4.72665	1.72114	1
cg18269183	ETV5	0.111632	0.550435	1.10507	1.10507	0.176499	1.26822	1.26822	0.522634	1.1131	1.1131	0.479076	0.887815	-1.12636	0.669977	0.93156	-1.07347	0.272391	1.20794	1.20794	0.0106065	0.587749	-1.70141	0.368525	1.16502	1.16502	0.133404	0.765122	-1.30698	2.44108	1.05725	0.384986	1
cg19775206	FAM181A;C14orf86	0.111633	0.0879521	0.332625	-3.00639	0.0135375	0.167577	-5.96739	0.127932	0.382121	-2.61697	0.844531	0.891577	-1.12161	0.104199	0.354045	-2.8245	0.160367	0.416176	-2.40283	0.0325241	0.231605	-4.31769	0.235573	0.483549	-2.06804	0.0990728	0.347512	-2.8776	2.44107	13.2095	4.81008	1
cg06755717	DLK1	0.111634	0.59873	0.694847	-1.43917	0.0325684	5.55699	5.55699	0.108343	3.32324	3.32324	0.733232	0.790927	-1.26434	0.42594	0.572707	-1.74609	0.862584	0.888008	-1.12612	0.0206893	0.148073	-6.75341	0.552468	0.662303	-1.50988	0.709712	0.773866	-1.29221	2.44106	18.1724	6.61731	1
cg12060877	TTC4	0.111636	0.0517089	0.119725	-8.35248	0.310714	0.365872	-2.73319	0.459825	0.486065	-2.05734	0.125257	0.203793	-4.90694	0.0160943	0.0594063	-16.8332	0.0803742	0.155781	-6.41927	0.0258069	0.0790709	-12.6469	0.155583	0.233027	-4.29135	0.190055	0.264363	-3.78267	2.44104	35.5267	12.9368	1
cg09935540	DNAH3;TMEM159	0.111638	0.0602235	0.481987	-2.07474	0.120589	1.78556	1.78556	0.515103	1.25518	1.25518	0.52553	0.801302	-1.24797	0.904987	0.959715	-1.04198	0.193212	1.60661	1.60661	0.0866638	0.521194	-1.91867	0.0450242	0.452918	-2.2079	0.4671	0.775065	-1.29021	2.44102	4.58408	1.66927	1
cg24506662	LOC729375	0.111641	0.293566	1.1622	1.1622	0.361266	1.13734	1.13734	0.317739	1.15274	1.15274	0.374458	0.882596	-1.13302	0.274292	1.1703	1.1703	0.0500854	1.38982	1.38982	?	?	?	0.0139578	1.60709	1.60709	?	?	?	3.1632	0.64847	0.146432	1
cg20707786	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.11165	0.668171	1.26665	1.26665	0.016405	4.99153	4.99153	0.0200322	4.65656	4.65656	0.34302	1.70825	1.70825	0.151238	0.43042	-2.32331	0.240748	1.96051	1.96051	0.526798	1.42122	1.42122	0.675353	1.25971	1.25971	0.961863	1.02656	1.02656	2.4409	11.6154	4.22991	1
cg04949632	KSR2	0.111651	0.0541451	0.236714	-4.2245	0.0200298	0.157209	-6.36096	0.220181	0.427474	-2.33932	0.118729	0.327435	-3.05404	0.0486577	0.226583	-4.4134	0.304297	0.495901	-2.01653	0.0487545	0.226767	-4.40981	0.0695571	0.262318	-3.81216	0.17442	0.385804	-2.59199	2.4409	16.8023	6.11879	1
cg07488259	SOX15	0.111651	0.369735	0.856729	-1.16723	0.0475285	1.46299	1.46299	0.643998	0.924856	-1.08125	0.0587106	1.43111	1.43111	0.122645	0.755172	-1.3242	0.538459	1.11022	1.11022	0.11094	1.33847	1.33847	0.213019	1.24627	1.24627	0.375928	0.858526	-1.16479	2.44089	1.08939	0.396717	1
cg12160586	ASCL1	0.111653	0.288331	0.642581	-1.55622	0.976182	0.988093	-1.01205	0.108787	0.495713	-2.0173	0.63228	0.824127	-1.21341	0.00445536	0.218256	-4.58177	0.764974	1.12782	1.12782	0.580172	0.799186	-1.25127	0.27205	0.632097	-1.58204	0.0667822	0.438422	-2.28091	2.44088	6.22298	2.26621	1
cg25757740	PCBD1	0.111653	0.572379	0.889543	-1.12417	0.0935106	1.46005	1.46005	0.51687	0.873857	-1.14435	0.0942496	1.45856	1.45856	0.867258	1.03492	1.03492	0.62873	1.10513	1.10513	0.0275572	0.585869	-1.70687	0.512479	1.14602	1.14602	0.0701532	1.51494	1.51494	2.44088	1.62737	0.592637	1
cg03286617	RPRM	0.111654	0.862572	1.03658	1.03658	0.0197589	0.557809	-1.79273	0.0869499	0.675713	-1.47992	0.0699192	0.656886	-1.52233	0.462606	1.16772	1.16772	0.421239	0.843347	-1.18575	0.914337	1.02256	1.02256	0.221905	0.766272	-1.30502	0.0371116	0.605394	-1.65182	2.44087	1.66231	0.605362	1
cg05328960	ARL2BP	0.111656	0.645672	0.799489	-1.2508	0.844948	1.09927	1.09927	0.535686	0.738475	-1.35414	0.754364	1.16383	1.16383	0.324814	0.611723	-1.63473	0.858384	1.09017	1.09017	0.00501134	0.166163	-6.01819	0.154399	2.08941	2.08941	0.326557	1.63165	1.63165	2.44085	9.03221	3.28927	1
cg14261472	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.111657	0.383884	1.33519	1.33519	0.481106	0.793063	-1.26093	0.428574	1.29907	1.29907	0.00428031	0.290203	-3.44587	0.240487	0.671753	-1.48864	0.568496	0.82977	-1.20515	0.685606	1.14084	1.14084	0.781725	1.09409	1.09409	0.483416	1.25935	1.25935	2.44084	4.05204	1.47564	1
cg08864037	DUS2L	0.111659	0.640755	1.16873	1.16873	0.0276261	2.3726	2.3726	0.550073	0.818232	-1.22215	0.300115	0.700311	-1.42794	0.0588554	0.492684	-2.0297	0.336209	0.719667	-1.38953	0.663096	0.864658	-1.15653	0.0649149	1.98907	1.98907	0.8718	1.05504	1.05504	2.44082	4.25459	1.54942	1
cg03214420	C19orf61	0.111661	0.0305537	0.158184	-6.32176	0.0772861	0.240481	-4.15833	0.166772	0.34314	-2.91426	0.408806	0.541729	-1.84594	0.120008	0.294102	-3.40018	0.181759	0.357542	-2.79688	0.0113929	0.100442	-9.95599	0.768745	1.23853	1.23853	0.35638	0.502425	-1.99035	2.4408	20.3521	7.41182	1
cg08106279	PRKCZ;PRKCZ;PRKCZ	0.111662	0.499118	0.744209	-1.34371	0.994912	0.997258	-1.00275	0.0444447	2.70173	2.70173	0.674523	1.19945	1.19945	0.304123	0.632374	-1.58134	0.809637	1.10951	1.10951	0.202628	0.560352	-1.78459	0.011468	3.90395	3.90395	0.584638	1.26831	1.26831	2.44079	7.16735	2.61021	1
cg10519840	C6orf145	0.111663	0.832569	1.1036	1.1036	0.0292606	3.30663	3.30663	0.734722	0.853537	-1.1716	0.19968	1.8793	1.8793	0.632896	0.799254	-1.25117	0.0444544	2.92916	2.92916	0.511215	0.73325	-1.36379	0.0282434	3.34085	3.34085	0.232705	1.7909	1.7909	2.44078	8.38142	3.05236	1
cg06478504	HDAC4	0.111663	0.0806203	0.112048	-8.92473	0.716419	0.662265	-1.50997	0.782678	1.36662	1.36662	0.166292	0.188748	-5.29806	0.0423949	0.071325	-14.0203	0.158822	0.182449	-5.48098	0.0133813	0.0314131	-31.8339	0.157663	0.181468	-5.51061	0.0837871	0.115143	-8.68483	2.44078	49.3274	17.9641	1
cg21879029	RPTOR;RPTOR	0.111663	0.400509	1.21811	1.21811	0.0189082	1.91893	1.91893	0.344474	1.25013	1.25013	0.957698	0.987913	-1.01224	0.0258377	0.545156	-1.83434	0.143784	1.43346	1.43346	0.868152	0.962625	-1.03883	0.731634	1.08212	1.08212	0.806955	1.05773	1.05773	2.44078	2.03188	0.739972	1
cg15533046	C12orf34	0.111672	0.342209	0.758411	-1.31855	0.154382	0.649996	-1.53847	0.0615681	0.551546	-1.81309	0.443137	0.801758	-1.24726	0.0474772	0.52695	-1.89771	0.673813	0.887251	-1.12708	0.415622	0.790483	-1.26505	0.0128392	0.417628	-2.39448	0.280016	1.37345	1.37345	2.44069	3.08649	1.12408	1
cg07197823	INHBB	0.111675	0.316538	1.15006	1.15006	0.0589682	0.749805	-1.33368	0.432446	0.897476	-1.11424	0.0858128	1.2922	1.2922	0.5441	0.920442	-1.08643	0.704817	1.05273	1.05273	0.739255	1.04613	1.04613	0.0177542	1.47585	1.47585	0.475987	1.10281	1.10281	2.44067	0.704689	0.256647	1
cg01202526	SLC6A17	0.111676	0.918242	0.978062	-1.02243	0.127234	1.42806	1.42806	0.575621	1.12996	1.12996	0.023835	0.558432	-1.79073	0.118185	0.69316	-1.44267	0.186935	1.35285	1.35285	0.560568	0.880612	-1.13557	0.190008	1.34968	1.34968	0.291619	1.26668	1.26668	2.44066	1.80413	0.657064	1
cg08743392	GSS	0.111676	0.783015	1.04947	1.04947	0.475742	1.13525	1.13525	0.016152	1.67325	1.67325	0.544545	1.11324	1.11324	0.41289	0.863788	-1.15769	0.029378	0.638389	-1.56644	0.389645	0.857103	-1.16672	0.644304	1.08472	1.08472	0.382295	1.16967	1.16967	2.44065	1.18263	0.430716	1
cg21202452	NOTO	0.111676	0.600855	0.871509	-1.14743	0.0284795	0.509896	-1.96118	0.0841004	0.607788	-1.64531	0.198893	0.702095	-1.42431	0.0289693	0.511314	-1.95575	0.126161	0.649788	-1.53896	0.0212113	0.485909	-2.058	0.623274	0.878983	-1.13768	0.243321	0.727553	-1.37447	2.44065	2.62374	0.95557	1
cg24358465	HIST1H2AG;HIST1H2BJ	0.111677	0.858245	1.13526	1.13526	0.292804	0.459025	-2.17853	0.0264357	0.146834	-6.81043	?	?	?	?	?	?	0.375425	1.91162	1.91162	0.125049	3.29544	3.29544	0.879055	0.897589	-1.1141	0.111118	3.48285	3.48285	2.6413	16.0316	6.0696	1
cg21170796	TBX15	0.111678	0.495322	0.614314	-1.62783	0.246617	0.426295	-2.34579	0.418784	0.559114	-1.78855	0.659293	0.731806	-1.36648	0.888795	0.906233	-1.10347	0.262539	0.43951	-2.27526	0.573389	0.67006	-1.4924	0.00511991	13.5006	13.5006	0.538459	1.55008	1.55008	2.44064	19.1433	6.97204	1
cg26478599	LOC285954;LOC285954	0.111679	0.0183185	0.537698	-1.85978	0.0855367	0.662393	-1.50968	0.156483	0.72001	-1.38887	0.0866594	0.663568	-1.50701	0.0518288	0.619062	-1.61535	0.120337	0.694088	-1.44074	0.678516	1.09454	1.09454	0.128367	0.700328	-1.4279	0.131907	0.70298	-1.42252	2.44062	1.81549	0.661211	1
cg13796845	OGDHL;OGDHL;OGDHL	0.11168	0.369335	0.715334	-1.39795	0.118203	0.527215	-1.89676	0.00991125	0.253396	-3.94639	?	?	?	?	?	?	?	?	?	0.245343	0.639559	-1.56358	0.212588	0.615587	-1.62447	0.756003	0.894476	-1.11797	3.1941	3.9455	1.02937	1
cg09772954	GALNTL6	0.11168	0.642185	0.789802	-1.26614	0.280568	1.76054	1.76054	0.918764	0.949854	-1.05279	0.166332	0.475083	-2.10489	0.040983	0.304403	-3.28511	0.931292	0.957445	-1.04445	0.128871	2.28782	2.28782	0.448205	1.47666	1.47666	0.0334473	3.50132	3.50132	2.44062	9.83008	3.58017	1
cg10224476	C1QTNF8	0.111683	0.515127	0.88826	-1.1258	0.00899301	1.81547	1.81547	0.177062	1.2938	1.2938	0.168082	0.76818	-1.30178	0.787498	1.0497	1.0497	0.370366	1.17957	1.17957	0.0771578	1.42304	1.42304	0.963868	0.9919	-1.00817	0.592444	1.10187	1.10187	2.44059	1.24585	0.453753	1
cg26569309	PCDHB16	0.111684	0.45587	1.68788	1.68788	0.102402	3.42802	3.42802	0.290374	2.13046	2.13046	0.945741	1.04803	1.04803	0.0983129	0.286587	-3.48934	0.444504	0.584333	-1.71135	0.375246	0.534046	-1.8725	0.0254273	6.23945	6.23945	0.112539	3.2896	3.2896	2.44057	18.3643	6.68851	1
cg05144928	SMPD3	0.111687	0.776607	1.08967	1.08967	0.28473	0.715021	-1.39856	0.0293407	2.17017	2.17017	0.131254	1.63536	1.63536	0.496738	0.811962	-1.23159	0.178089	0.649232	-1.54028	0.120069	0.60106	-1.66373	0.42561	1.27839	1.27839	0.166763	1.56051	1.56051	2.44055	3.52232	1.28289	1
cg13473434	TOMM40L	0.111689	0.13328	0.649615	-1.53937	0.0915308	0.609623	-1.64036	0.367895	0.781645	-1.27935	0.130953	0.647662	-1.54402	0.244595	0.723089	-1.38296	0.0988689	0.617559	-1.61928	0.0131272	0.440758	-2.26882	0.0252679	0.492351	-2.03107	0.128313	0.645412	-1.5494	2.44053	2.74227	0.998788	1
cg27281882	PAK7;PAK7	0.11169	0.182081	0.42903	-2.33084	0.124732	0.370449	-2.69943	0.943584	1.04319	1.04319	0.457031	0.636001	-1.57232	0.020761	0.189516	-5.2766	0.486286	0.655289	-1.52604	0.0442833	0.251459	-3.9768	0.158427	2.46165	2.46165	0.524383	1.47029	1.47029	2.44052	13.7988	5.0258	1
cg06153925	RPTOR;RPTOR	0.111693	0.130367	0.213323	-4.68773	0.153592	0.235781	-4.24123	0.638881	0.639566	-1.56356	0.530329	1.82418	1.82418	0.0176849	0.0653165	-15.3101	0.146285	4.36997	4.36997	0.270812	2.95709	2.95709	0.582334	1.69092	1.69092	0.263867	0.33241	-3.00833	2.44049	34.5657	12.5897	1
cg12044531	NIN	0.111694	0.923666	0.956594	-1.04538	0.197045	0.531805	-1.88039	0.257148	0.578341	-1.72908	0.224731	0.554071	-1.80482	0.00996582	0.221599	-4.51266	0.532012	0.745948	-1.34058	0.0846221	2.41851	2.41851	0.461818	1.41461	1.41461	0.605754	0.785778	-1.27262	2.44048	8.28683	3.01828	1
cg20333001	HDLBP;HDLBP	0.111694	0.160343	0.509055	-1.96442	0.409527	1.46186	1.46186	0.504141	0.737006	-1.35684	0.802859	0.8935	-1.11919	0.121938	0.470142	-2.12702	0.00962379	0.2287	-4.37254	0.0638689	0.391527	-2.5541	0.262231	0.590809	-1.6926	0.096759	0.44011	-2.27216	2.44048	7.83322	2.85307	1
cg15312264	TBPL2	0.111695	0.0495752	7.64444	7.64444	0.216044	3.26091	3.26091	0.17169	3.74722	3.74722	0.98302	1.01951	1.01951	0.522029	0.554814	-1.80241	0.937821	1.0734	1.0734	0.127051	0.223531	-4.47366	0.0321486	9.7615	9.7615	0.109003	4.88812	4.88812	2.44047	31.8584	11.6037	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12753165	TOMM20	0.111695	0.0983769	0.453598	-2.2046	0.192868	0.548255	-1.82397	0.0265877	0.317825	-3.14639	0.116482	0.475267	-2.10408	0.0158428	0.275582	-3.62869	0.344185	0.653803	-1.52951	0.0620174	0.399956	-2.50027	0.476885	0.729473	-1.37085	0.0945617	0.448695	-2.22869	2.44047	7.35164	2.67768	1
cg27561099	MAP3K13	0.111696	0.270147	0.720704	-1.38753	0.397813	0.781181	-1.28011	0.0677442	0.557835	-1.79264	0.0814302	0.576415	-1.73486	0.0539479	0.535753	-1.86653	0.00936514	0.390664	-2.55975	0.4149	0.788423	-1.26835	0.781691	0.923818	-1.08246	0.0735653	0.566073	-1.76656	2.44046	3.14489	1.14546	1
cg05423529	MIR137	0.111699	0.271182	0.786738	-1.27107	0.75632	0.936902	-1.06735	0.00919884	1.99851	1.99851	0.760011	0.937862	-1.06625	0.286544	0.793161	-1.26078	0.849721	0.961061	-1.04052	0.0804218	0.666283	-1.50086	0.706729	1.08236	1.08236	0.338455	1.2295	1.2295	2.44044	1.69454	0.617209	1
cg25969802	DPYD	0.111699	0.287071	0.542034	-1.8449	0.169386	0.444389	-2.25028	0.528829	0.702227	-1.42404	0.339263	1.72582	1.72582	0.270701	1.88769	1.88769	0.141461	2.4013	2.4013	0.445021	1.53933	1.53933	0.567356	1.37753	1.37753	0.0142196	0.187193	-5.34207	2.44044	11.8638	4.32119	1
cg07236904	CLOCK	0.111699	0.0576997	0.551376	-1.81365	0.177788	1.48774	1.48774	0.412451	1.26169	1.26169	0.629036	1.14458	1.14458	0.0984012	1.65334	1.65334	0.0270102	0.483666	-2.06754	0.613923	0.86839	-1.15156	0.976923	1.00806	1.00806	0.413046	0.79283	-1.2613	2.44043	2.97432	1.08335	1
cg03359043	SNORD83A;RPL3;RPL3	0.111699	0.762004	1.06158	1.06158	0.0195867	0.574114	-1.74181	0.0739247	0.675783	-1.47977	0.70613	0.928183	-1.07737	0.57126	0.893533	-1.11915	0.548325	0.88736	-1.12694	0.0321027	1.63875	1.63875	0.832488	1.04255	1.04255	0.973819	0.993564	-1.00648	2.44043	1.49611	0.544935	1
cg02889156	WDR63	0.111702	0.69479	0.932163	-1.07277	0.693703	1.07306	1.07306	0.00870478	0.551254	-1.81405	0.0405304	0.65613	-1.52409	0.590638	1.10157	1.10157	0.341646	0.839833	-1.19071	0.241436	1.24413	1.24413	0.847823	1.03482	1.03482	0.732551	0.940721	-1.06301	2.4404	1.2266	0.446776	1
cg06867482	FAM38A	0.111702	0.0368408	4.7848	4.7848	0.164894	2.60253	2.60253	0.876796	1.10535	1.10535	0.19833	2.40526	2.40526	0.855915	1.12451	1.12451	0.663966	0.754119	-1.32605	0.100137	0.312538	-3.19961	0.127856	2.89438	2.89438	0.0427675	4.5068	4.5068	2.4404	16.1094	5.86766	1
cg27518047	IL22	0.111702	0.911522	1.01674	1.01674	0.34562	1.15613	1.15613	0.0704292	0.739325	-1.35259	0.0262034	1.48279	1.48279	0.460615	1.11873	1.11873	0.989329	0.998004	-1.002	0.179842	1.23709	1.23709	0.230431	0.828682	-1.20674	0.144817	0.791438	-1.26352	2.4404	0.862253	0.314066	1
cg09246754	P4HA1;P4HA1;P4HA1;P4HA1	0.111703	0.0105969	0.175762	-5.68951	0.870249	0.915375	-1.09245	0.0403366	3.60048	3.60048	0.30458	1.77727	1.77727	0.35831	0.599939	-1.66684	0.783069	1.161	1.161	0.641272	0.775844	-1.28892	0.949146	0.966089	-1.0351	0.588517	1.34371	1.34371	2.4404	11.3077	4.11871	1
cg13397568	WSCD1	0.111705	0.0955502	0.563964	-1.77316	0.080901	0.545835	-1.83205	0.766151	0.910922	-1.09779	0.0357001	2.14818	2.14818	0.563157	0.832897	-1.20063	0.0819057	0.547156	-1.82763	0.273664	0.700238	-1.42809	0.133719	0.602937	-1.65855	0.932247	1.02696	1.02696	2.44037	3.78187	1.37752	1
cg02455064	C1orf57	0.111706	?	?	?	0.313979	1.45139	1.45139	0.0601859	2.13476	2.13476	?	?	?	0.0419722	0.432387	-2.31275	0.861174	0.939302	-1.06462	?	?	?	0.226785	0.635101	-1.57455	0.634186	0.842411	-1.18707	2.5352	3.42559	1.80161	1
cg01190037	C4orf10;MFSD10;MFSD10	0.111711	0.488353	0.610369	-1.63835	0.708617	1.3006	1.3006	0.0640661	4.40534	4.40534	0.135556	3.12231	3.12231	0.0203195	0.13314	-7.51087	0.30734	0.475575	-2.10272	0.184367	0.370063	-2.70225	0.705816	1.30409	1.30409	0.889996	1.10167	1.10167	2.58776	19.638	5.90239	1
cg02580900	SLC6A19	0.111711	0.433283	1.54394	1.54394	0.0652056	0.32484	-3.07844	0.0951192	0.369303	-2.7078	0.48412	1.47143	1.47143	0.0263075	0.239011	-4.18392	0.656934	1.27483	1.27483	0.723618	0.824595	-1.21272	0.127942	0.409038	-2.44476	0.0773465	0.344181	-2.90545	2.44031	11.4034	4.1537	1
cg10721450	NCRNA00081;NCRNA00081;NCRNA00081;NCRNA00081;SHOC2;NCRNA00081	0.111712	0.0152666	0.597008	-1.67502	0.134227	1.32266	1.32266	0.500441	1.12572	1.12572	0.267767	0.818817	-1.22127	0.17748	1.28168	1.28168	0.715389	0.938559	-1.06546	0.164085	0.773293	-1.29317	0.509337	1.12289	1.12289	0.491216	1.1287	1.1287	2.44031	1.15882	0.422103	1
cg13432744	RPL39L	0.111716	0.0397374	24.5555	24.5555	0.817905	0.733103	-1.36406	0.177744	6.8763	6.8763	0.375557	0.293972	-3.40169	0.348283	0.272542	-3.66916	0.486586	0.3861	-2.59001	0.928035	0.885494	-1.12931	0.056154	18.3903	18.3903	0.0419752	23.4556	23.4556	2.44026	70.0415	25.5133	1
cg21196492	KIAA1539	0.111717	0.204801	0.799621	-1.25059	0.362451	1.16935	1.16935	0.573802	1.09964	1.09964	0.645906	0.925592	-1.08039	0.988534	0.997601	-1.0024	0.828415	0.964373	-1.03694	0.00442651	1.88665	1.88665	0.305605	0.837532	-1.19398	0.912998	0.981899	-1.01843	2.44026	1.0796	0.393255	1
cg13974487	OPCML	0.111718	0.464736	0.822426	-1.21592	0.357888	1.282	1.282	0.484991	0.829906	-1.20496	0.651226	0.887301	-1.12701	0.903084	1.03252	1.03252	0.298646	1.32718	1.32718	0.0032903	2.86399	2.86399	0.879525	1.04066	1.04066	0.754342	0.920832	-1.08597	2.44025	2.66809	0.971883	1
cg16922466	DAXX;DAXX;DAXX;DAXX	0.111719	0.231885	0.762344	-1.31174	0.901098	0.973452	-1.02727	0.373012	1.21887	1.21887	0.32344	0.801946	-1.24697	0.91931	0.978309	-1.02217	0.0137807	0.517422	-1.93266	0.0220931	0.552128	-1.81117	0.752576	1.07084	1.07084	0.505932	1.15727	1.15727	2.44023	1.81015	0.659371	1
cg22925171	FAM173B;CCT5;CCT5	0.111721	0.294959	0.865585	-1.15529	0.766868	1.0403	1.0403	0.15702	0.817793	-1.2228	0.0466801	0.738812	-1.35352	0.448146	1.1082	1.1082	0.632272	1.06617	1.06617	0.106714	0.791303	-1.26374	0.467659	0.906453	-1.1032	0.035663	1.38395	1.38395	2.44022	0.682621	0.248655	1
cg11204987	AGBL4	0.111721	0.080486	0.464504	-2.15283	0.249137	0.621005	-1.61029	0.0641154	0.439163	-2.27706	0.131078	0.52478	-1.90556	0.0092088	0.270465	-3.69734	0.262838	0.630199	-1.5868	0.447048	0.73601	-1.35868	0.703109	0.859459	-1.16352	0.0407559	0.392897	-2.54519	2.44022	6.04566	2.20223	1
cg17327186	CDC2;CDK1;CDK1;CDK1;CDK1	0.111723	0.50081	0.865655	-1.15519	0.0394418	1.65365	1.65365	0.060953	1.5619	1.5619	0.454187	0.851323	-1.17464	0.38649	0.829091	-1.20614	0.102188	0.685477	-1.45884	0.158994	0.727731	-1.37413	0.933577	1.01776	1.01776	0.306026	1.25077	1.25077	2.4402	1.72271	0.627529	1
cg07056260	TMEM132D	0.111725	0.294995	0.671979	-1.48814	0.229117	0.630058	-1.58716	0.591643	1.21923	1.21923	0.922467	0.964995	-1.03627	0.625912	0.835417	-1.19701	0.332761	0.6937	-1.44155	0.0381848	0.415038	-2.40942	0.488789	0.773056	-1.29357	0.00501735	0.256972	-3.89147	2.44019	5.17778	1.88612	1
cg12546793	CD1B	0.111726	0.0535307	0.227455	-4.39648	0.609078	0.705869	-1.41669	0.289346	0.475808	-2.10169	0.0835282	0.274283	-3.64586	0.103765	0.300766	-3.32484	0.0550471	0.230135	-4.34527	0.0132817	0.125921	-7.94146	0.12332	0.323897	-3.0874	0.111348	0.309981	-3.22601	2.44017	17.626	6.42067	1
cg16755220	RUNDC2A	0.111727	0.151518	1.21325	1.21325	0.938655	1.00973	1.00973	0.761845	0.962487	-1.03897	0.330987	0.881461	-1.13448	0.0385682	0.739758	-1.35179	0.145102	0.82133	-1.21754	0.177373	0.834991	-1.19762	0.0913923	1.26345	1.26345	0.127092	0.812567	-1.23067	2.44016	0.611515	0.22276	1
cg18603473	WDFY4	0.111728	0.254507	0.509279	-1.96356	0.0170059	0.191968	-5.20919	0.030984	0.2378	-4.20521	0.775864	0.850537	-1.17573	0.3313	0.566395	-1.76555	0.0356374	0.249854	-4.00234	0.0977559	0.35691	-2.80182	0.135058	0.40106	-2.49339	0.932454	0.953062	-1.04925	2.44015	12.4299	4.5279	1
cg04340258	NFIC;NFIC	0.111729	0.108857	1.75552	1.75552	0.725412	1.12018	1.12018	0.0815746	1.8612	1.8612	0.143116	1.65938	1.65938	0.932399	0.973066	-1.02768	0.277085	0.695032	-1.43878	0.839613	0.936864	-1.06739	0.0248686	2.36159	2.36159	0.0431446	2.1144	2.1144	2.44014	4.00269	1.45809	1
cg25815065	FLJ12825	0.111729	0.616664	1.0769	1.0769	0.0526547	1.3818	1.3818	0.150033	1.25423	1.25423	0.865465	0.975415	-1.0252	0.16259	1.24463	1.24463	0.629061	0.93104	-1.07407	0.12135	1.27961	1.27961	0.0285566	0.684363	-1.46121	0.908079	0.983187	-1.0171	2.44014	0.832819	0.303377	1
cg21316772	B4GALT1	0.111729	0.0954836	0.406074	-2.46261	0.652836	1.24958	1.24958	0.389171	0.647753	-1.5438	0.361198	0.630103	-1.58704	0.00648462	0.175291	-5.7048	0.522914	0.72716	-1.37521	0.107045	0.420755	-2.37668	0.0541361	0.341117	-2.93154	0.346359	0.62053	-1.61152	2.44014	9.35766	3.40879	1
cg23499846	KIAA0664	0.111731	0.970917	1.00621	1.00621	0.0313593	0.651508	-1.5349	0.0049446	0.531747	-1.88059	0.356715	0.851425	-1.1745	0.989543	1.00223	1.00223	0.380754	0.858515	-1.1648	0.419598	0.869421	-1.15019	0.700625	1.06775	1.06775	0.753218	0.94789	-1.05497	2.44013	1.11267	0.405324	1
cg16190478	TRPM2	0.111732	0.0102537	2.21086	2.21086	0.82455	0.947014	-1.05595	0.58854	0.874667	-1.14329	0.121997	0.663001	-1.50829	0.136019	0.674433	-1.48273	0.579685	0.871824	-1.14702	0.191969	0.712729	-1.40306	0.352078	0.790729	-1.26465	0.687722	0.905678	-1.10415	2.44011	2.32328	0.846331	1
cg01977213	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.111732	0.283107	0.843701	-1.18525	0.209636	1.22324	1.22324	0.554753	1.09532	1.09532	0.0688116	0.733187	-1.36391	0.0235776	0.662312	-1.50986	0.110409	0.767116	-1.30358	0.300228	0.849085	-1.17774	0.646093	0.931964	-1.073	0.258491	1.19683	1.19683	2.44011	0.897499	0.326943	1
cg22304169	CFLAR;CFLAR;CFLAR	0.111733	0.0148768	0.513572	-1.94715	0.797846	0.944502	-1.05876	0.474975	0.850767	-1.17541	0.171097	0.723112	-1.38291	0.012347	0.500067	-1.99973	0.699285	1.09019	1.09019	0.27755	0.777863	-1.28557	0.967628	1.00907	1.00907	0.172284	0.723843	-1.38151	2.44011	1.91245	0.696674	1
cg19886978	HERC1	0.111733	0.0610772	0.390303	-2.56212	0.113507	0.464122	-2.15461	0.164371	0.516177	-1.93732	0.134132	0.486725	-2.05455	0.0147206	0.262316	-3.8122	0.0673776	0.401077	-2.49329	0.0402975	0.347857	-2.87475	0.291288	0.613788	-1.62923	0.156642	0.508993	-1.96467	2.44011	7.67814	2.79701	1
cg27284288	CD6	0.111734	0.340165	0.737264	-1.35637	0.149106	1.61562	1.61562	0.00666469	0.335688	-2.97896	0.118861	0.591622	-1.69027	0.590335	0.844915	-1.18355	0.425883	0.777154	-1.28675	0.690304	1.13223	1.13223	0.611439	0.853117	-1.17217	0.228675	0.675882	-1.47955	2.44009	3.71561	1.35354	1
cg26870638	ZXDC;ZXDC	0.111735	0.0239651	0.231554	-4.31864	0.444212	1.52755	1.52755	0.584694	1.34955	1.34955	0.194529	0.47454	-2.10731	0.215599	0.492672	-2.02975	0.124329	0.405007	-2.4691	0.0721027	0.336104	-2.97527	0.352137	0.594477	-1.68215	0.0359337	0.26568	-3.76393	2.44009	11.4011	4.15325	1
cg11187360	ILF2	0.111735	0.105552	0.767672	-1.30264	0.295624	0.850298	-1.17606	0.578858	0.919581	-1.08745	0.474495	1.11489	1.11489	0.06976	1.35424	1.35424	0.240724	1.2016	1.2016	0.0430707	0.706062	-1.41631	0.529892	0.909234	-1.09983	0.179861	1.23737	1.23737	2.44008	0.864045	0.31476	1
cg13758724	PLXNB2	0.111736	0.158426	4.3492	4.3492	0.00301388	52.7207	52.7207	0.0692609	7.25477	7.25477	0.281903	2.97516	2.97516	0.658078	1.54383	1.54383	0.405592	2.29244	2.29244	0.66414	1.53105	1.53105	0.34524	2.58007	2.58007	0.535577	1.84353	1.84353	2.44008	36.7369	13.3828	1
cg05425023	SCRIB;SCRIB	0.111736	0.653828	1.34677	1.34677	0.243118	2.23793	2.23793	0.0861108	0.286298	-3.49286	0.436077	1.68884	1.68884	0.138087	0.348859	-2.86649	0.00953153	0.114684	-8.7196	0.757595	0.815316	-1.22652	0.645516	1.35728	1.35728	0.916033	0.932809	-1.07203	2.44007	16.8096	6.12354	1
cg03940525	DIMT1L	0.111741	0.0454448	0.241631	-4.13854	0.208727	0.440273	-2.27132	0.419598	0.60019	-1.66614	0.865092	0.900084	-1.11101	0.0154764	0.159018	-6.28859	0.0743736	0.292082	-3.4237	0.0401295	0.230346	-4.3413	0.941832	1.04621	1.04621	0.14324	0.377633	-2.64808	2.44003	14.8097	5.3951	1
cg14204738	RORC;RORC	0.111741	0.353071	1.30552	1.30552	0.119402	1.60239	1.60239	0.184733	0.675375	-1.48066	0.0983324	1.65836	1.65836	0.0729948	0.572385	-1.74708	0.185015	1.48024	1.48024	0.0716638	1.75268	1.75268	0.574129	0.853484	-1.17167	0.599583	1.15929	1.15929	2.44002	3.00829	1.09591	1
cg12789146	PACSIN1	0.111742	0.0493312	0.420741	-2.37676	0.92082	1.03911	1.03911	0.154713	0.555559	-1.79999	0.845442	0.927452	-1.07822	0.0631027	0.446326	-2.24052	0.229555	0.614761	-1.62665	0.0525231	0.42711	-2.34132	0.0223779	0.347839	-2.87489	0.575711	1.24384	1.24384	2.44002	5.75489	2.09648	1
cg13802490	TP73;TP73;TP73;TP73	0.111742	0.277067	0.813408	-1.22939	0.836615	0.962978	-1.03845	0.0107268	0.556672	-1.79639	0.0995766	0.719099	-1.39063	0.225095	0.792339	-1.26209	0.519514	0.887556	-1.12669	0.0766773	1.43292	1.43292	0.636957	0.916814	-1.09073	0.368677	0.844781	-1.18374	2.44002	1.28976	0.469855	1
cg13926788	NDUFAF2;ERCC8;NDUFAF2	0.111745	0.955682	1.00718	1.00718	0.231538	0.850778	-1.17539	0.739235	0.957892	-1.04396	0.724081	0.955382	-1.0467	0.373106	0.888918	-1.12496	0.888489	1.01823	1.01823	0.00446627	1.6296	1.6296	0.508198	0.917188	-1.09029	0.291061	1.15153	1.15153	2.43999	0.640892	0.233478	1
cg03369196	BRPF1;BRPF1	0.111748	0.140213	0.443704	-2.25376	0.0720377	0.357642	-2.79609	0.602932	0.764341	-1.30832	0.261526	1.82134	1.82134	0.0174828	0.227363	-4.39825	0.869722	1.08769	1.08769	0.102636	0.400712	-2.49556	0.0738734	0.360528	-2.77371	0.786137	0.869996	-1.14943	2.43996	10.1329	3.69148	1
cg03791861	RAI1	0.111748	0.532486	1.40702	1.40702	0.0202091	4.53891	4.53891	0.00676237	6.6597	6.6597	0.669567	1.26093	1.26093	0.607882	0.756148	-1.32249	0.77925	1.16389	1.16389	0.806983	0.876161	-1.14134	0.457395	1.50492	1.50492	0.928505	0.952686	-1.04966	2.43996	11.2724	4.10658	1
cg11036290	EFNB1	0.111751	0.117059	0.508791	-1.96544	0.53227	0.777966	-1.2854	0.061702	0.433775	-2.30534	0.142497	0.534894	-1.86953	0.00972559	0.273083	-3.66189	0.0379858	0.384877	-2.59823	0.269826	0.63378	-1.57783	0.256489	0.62495	-1.60013	0.11796	0.509778	-1.96164	2.43993	6.08722	2.21763	1
cg18513344	MUC4;MUC4;MUC4	0.111756	0.0392031	0.347372	-2.87876	0.176553	1.89008	1.89008	0.234082	1.73803	1.73803	0.182549	0.534277	-1.87169	0.794826	0.890937	-1.12241	0.917409	1.04704	1.04704	0.0448965	0.360584	-2.77328	0.834795	1.09696	1.09696	0.0966395	0.445655	-2.24389	2.43988	7.5877	2.76433	1
cg17086939	LRRN2;LRRN2	0.111757	0.601806	1.0841	1.0841	0.42856	0.883412	-1.13197	0.205089	0.814587	-1.22762	0.0554729	1.39505	1.39505	0.0190632	1.54536	1.54536	0.904591	0.981776	-1.01856	0.0565286	1.39254	1.39254	0.864151	0.974076	-1.02661	0.815413	1.03652	1.03652	2.43987	0.909112	0.331206	1
cg03160788	GABBR1;GABBR1;GABBR1	0.111759	0.244474	0.66626	-1.50092	0.337086	1.39107	1.39107	0.685356	0.872975	-1.14551	0.0101663	2.94773	2.94773	0.0806102	0.524005	-1.90838	0.663779	1.15705	1.15705	0.307313	1.42255	1.42255	0.537613	1.23142	1.23142	0.409898	1.32454	1.32454	2.43985	4.29805	1.56587	1
cg02717866	C11orf66;C11orf66	0.111763	0.0471229	0.420307	-2.37922	0.111544	1.93723	1.93723	0.763612	0.8913	-1.12196	0.897146	0.951856	-1.05058	0.0405858	0.405693	-2.46492	0.322888	1.47635	1.47635	0.407612	0.723845	-1.38151	0.0711881	0.463516	-2.15742	0.333158	0.683268	-1.46355	2.43981	5.62466	2.04921	1
cg19008877	C10orf11	0.111766	0.137722	0.372831	-2.68218	0.0203797	0.178085	-5.61529	0.0694058	0.285437	-3.5034	0.567408	0.69992	-1.42874	0.0480545	0.247885	-4.03414	0.182183	0.417289	-2.39642	0.025635	0.194678	-5.13669	0.157199	0.393079	-2.54402	0.73343	0.809773	-1.23491	2.43979	14.7218	5.3636	1
cg07537798	NAT15;NAT15;NAT15	0.111768	0.206444	0.825687	-1.21111	0.59549	0.925875	-1.08006	0.390876	0.881292	-1.1347	0.591928	1.08088	1.08088	0.372142	0.8766	-1.14077	0.68728	1.05989	1.05989	0.278318	0.850414	-1.1759	0.0071049	1.64849	1.64849	0.293752	0.855099	-1.16946	2.43976	0.798312	0.290852	1
cg21078414	SNORD115-44	0.111777	0.0245278	0.292198	-3.42234	0.250535	0.576117	-1.73576	0.196288	0.533904	-1.87299	0.288422	0.602807	-1.65891	0.0290015	0.306621	-3.26135	0.0156756	0.256557	-3.89776	0.626427	0.798281	-1.25269	0.362262	0.650457	-1.53738	0.120054	0.46092	-2.16958	2.43968	8.15028	2.96952	1
cg20671117	C3orf75	0.111781	0.159846	1.35442	1.35442	0.597226	1.11373	1.11373	0.180283	1.33298	1.33298	0.0558051	0.64552	-1.54914	0.971974	1.00712	1.00712	0.227523	0.774225	-1.29161	0.0237146	0.579611	-1.72529	0.992539	0.998113	-1.00189	0.294072	0.802653	-1.24587	2.43965	1.57658	0.574428	1
cg07951417	ELN;ELN;ELN;ELN;ELN	0.111783	0.497164	0.76364	-1.30952	0.315033	0.666033	-1.50143	0.141415	0.538689	-1.85636	0.447633	1.35358	1.35358	0.0085843	0.269448	-3.71129	0.232809	1.63139	1.63139	0.211022	1.6745	1.6745	0.725118	0.871009	-1.14809	0.988144	0.994204	-1.00583	2.43962	5.91275	2.15435	1
cg02347074	PAX3;PAX3;PAX3;PAX3;PAX3;PAX3	0.111784	0.221553	1.21266	1.21266	0.839689	1.03086	1.03086	0.39066	0.876345	-1.1411	0.0998309	1.31079	1.31079	0.116067	1.29215	1.29215	0.476123	0.89697	-1.11486	0.0461452	0.70972	-1.40901	0.853199	0.972585	-1.02819	0.0561548	1.38346	1.38346	2.43962	0.870129	0.317037	1
cg20834365	GPR133	0.111786	0.0370777	0.307168	-3.25554	0.51715	0.725991	-1.37743	0.262747	0.565907	-1.76708	0.0786757	0.38588	-2.59148	0.0313816	0.291997	-3.42469	0.0517096	0.339727	-2.94354	0.0316873	0.292859	-3.41461	0.508054	0.720795	-1.38736	0.112115	0.430199	-2.32451	2.43959	9.18583	3.34694	1
cg09131529	RPL36AL;MGAT2	0.111787	0.944278	1.01025	1.01025	0.0238795	1.48179	1.48179	0.530504	1.09713	1.09713	0.132031	0.788877	-1.26762	0.709427	1.05612	1.05612	0.572351	0.92014	-1.08679	0.0394341	0.706404	-1.41562	0.214947	1.20977	1.20977	0.531947	0.911777	-1.09676	2.43958	0.822282	0.299608	1
cg04873130	FAM13A	0.111789	0.94918	1.01421	1.01421	0.363591	0.813295	-1.22957	0.0116648	0.49775	-2.00904	0.638571	1.11039	1.11039	0.0611533	0.626872	-1.59522	0.361511	1.23073	1.23073	0.329627	1.24942	1.24942	0.438781	1.191	1.191	0.238862	0.76107	-1.31394	2.43956	1.89283	0.689678	1
cg25922637	ADAM12;ADAM12	0.111789	0.610135	0.906416	-1.10325	0.270408	0.803107	-1.24516	0.011525	1.82899	1.82899	0.999654	0.999917	-1.00008	0.48213	0.872403	-1.14626	0.850792	0.964658	-1.03664	0.340066	0.828721	-1.20668	0.767428	0.944908	-1.0583	0.0411331	1.56867	1.56867	2.43956	1.41062	0.513981	1
cg18644543	HMHA1;HMHA1	0.111798	0.430192	0.940085	-1.06373	0.0489331	0.841539	-1.1883	0.25975	0.913743	-1.0944	0.323316	1.08142	1.08142	0.919768	0.992299	-1.00776	0.209201	1.1069	1.1069	0.0114106	0.784311	-1.275	0.389411	0.934562	-1.07002	0.640796	0.964586	-1.03671	2.43948	0.227467	0.0828836	1
cg14742198	ZNF26	0.111798	0.305003	0.796167	-1.25602	0.154644	1.38669	1.38669	0.0200037	1.82654	1.82654	0.055673	1.59251	1.59251	0.227845	1.31212	1.31212	0.82997	1.04723	1.04723	?	?	?	0.401762	1.20221	1.20221	0.340098	0.809788	-1.23489	2.46442	1.59771	0.64831	1
cg06988422	SSBP3;SSBP3;SSBP3	0.111798	0.489502	0.624843	-1.6004	0.0178147	6.88644	6.88644	0.471502	1.63331	1.63331	0.569391	1.46986	1.46986	0.106061	0.306555	-3.26206	0.963403	0.969733	-1.03121	0.0414715	0.207025	-4.83034	0.616116	1.40298	1.40298	0.934929	0.946772	-1.05622	2.43948	17.3351	6.31651	1
cg11004117	C3orf27	0.111799	0.744221	0.819723	-1.21992	0.967405	1.02512	1.02512	0.631246	0.745547	-1.3413	0.827451	0.875861	-1.14173	0.0211355	0.185734	-5.38405	0.201901	0.441225	-2.26642	0.00840372	0.129509	-7.72145	0.0855979	0.315449	-3.17008	0.719448	0.80331	-1.24485	2.43947	14.2444	5.19035	1
cg27419824	ZNF205;ZNF205	0.1118	0.321741	0.779403	-1.28303	0.074748	1.62135	1.62135	0.236465	1.35257	1.35257	0.15889	0.693084	-1.44283	0.187085	0.711455	-1.40557	0.0412797	0.563757	-1.77381	0.0888224	0.633201	-1.57928	0.822216	1.05632	1.05632	0.817516	0.945283	-1.05788	2.43946	2.2901	0.834466	1
cg26142972	ACCN4;ACCN4	0.111801	0.228332	0.564506	-1.77146	0.00878981	0.221133	-4.52216	0.02374	0.29501	-3.38972	0.538056	0.754307	-1.32572	0.363779	0.655681	-1.52513	0.0542017	0.372275	-2.68619	0.38929	0.670998	-1.49032	0.325747	0.631991	-1.5823	0.998283	1.00097	1.00097	2.43945	7.90171	2.87923	1
cg13259821	WDR75	0.111802	0.835021	0.946746	-1.05625	0.0645117	1.72452	1.72452	0.0892879	1.63504	1.63504	0.931154	1.02293	1.02293	0.508835	0.83873	-1.19228	0.369209	0.785055	-1.2738	?	?	?	0.0290194	1.96467	1.96467	0.226967	0.716871	-1.39495	2.46438	2.38896	0.969394	1
cg11267390	TRPM2	0.111802	0.342526	0.502189	-1.99128	0.0148153	0.121039	-8.26181	0.0509244	0.208841	-4.78834	0.137527	0.324181	-3.08469	0.0284062	0.161703	-6.18418	0.38473	0.533827	-1.87327	0.106349	0.288801	-3.4626	0.14085	0.327714	-3.05144	0.126869	0.312568	-3.1993	2.43944	19.1655	6.98358	1
cg13342625	WDR65;WDR65;EBNA1BP2;EBNA1BP2;WDR65;EBNA1BP2;WDR65;WDR65;WDR65	0.111802	0.524992	0.930441	-1.07476	0.026043	0.744072	-1.34396	0.0126081	0.706693	-1.41504	0.82188	1.02556	1.02556	0.663234	1.05026	1.05026	0.790192	0.970595	-1.0303	0.0767259	0.802251	-1.24649	0.139459	0.836944	-1.19482	0.324816	0.892437	-1.12053	2.43944	0.483974	0.176352	1
cg07745915	C4orf42	0.111803	0.241802	2.17577	2.17577	0.0135377	6.95235	6.95235	0.394281	1.73959	1.73959	0.970159	0.976544	-1.02402	0.0478506	0.237995	-4.20177	0.682916	0.770587	-1.29771	0.225228	2.24386	2.24386	0.413942	1.69882	1.69882	0.612814	0.723391	-1.38238	2.43943	15.5551	5.66804	1
cg05503307	WHSC1L1	0.111803	0.0380111	2.49524	2.49524	0.0949221	2.00901	2.00901	0.338257	1.45537	1.45537	0.521726	1.28	1.28	0.099542	1.98627	1.98627	0.122153	1.89058	1.89058	0.0125683	3.25407	3.25407	0.0685965	2.17043	2.17043	0.137658	1.83631	1.83631	2.43943	5.58322	2.03444	1
cg19569686	MEX3D	0.111803	0.365613	0.822524	-1.21577	0.289103	0.793511	-1.26022	0.816321	1.05012	1.05012	0.988852	1.00294	1.00294	0.0251794	0.571441	-1.74996	0.554881	1.13375	1.13375	0.0273788	1.73077	1.73077	0.40703	1.19515	1.19515	0.226874	0.765924	-1.30561	2.43942	1.7068	0.621931	1
cg24270542	SPATA13;SPATA13	0.111805	0.0936075	0.464905	-2.15098	0.0226378	0.321862	-3.10692	0.0350865	0.360671	-2.77261	0.449993	1.37676	1.37676	0.0642369	0.421599	-2.37192	0.194997	0.565881	-1.76716	0.133569	0.510625	-1.95839	0.723036	0.862598	-1.15929	0.79653	0.898234	-1.1133	2.43941	6.66562	2.42887	1
cg05953394	PRKAG2;PRKAG2	0.11181	0.481126	0.901182	-1.10965	0.174841	1.23328	1.23328	0.457089	1.11632	1.11632	0.8112	1.03538	1.03538	0.238507	0.835785	-1.19648	0.0843326	1.31976	1.31976	0.0270332	0.683603	-1.46284	0.390563	1.13636	1.13636	0.120046	1.27768	1.27768	2.43936	0.815645	0.297216	1
cg06643951	EFR3B	0.111811	0.0390091	0.282835	-3.53563	0.105348	0.39248	-2.5479	0.376797	0.619164	-1.61508	0.0716995	0.345447	-2.8948	0.0348034	0.272422	-3.67077	0.443629	0.661767	-1.51111	0.0849068	0.365293	-2.73753	0.223445	0.508594	-1.96621	0.0215411	0.232437	-4.30224	2.43935	10.794	3.93328	1
cg07824897	DST;DST;DST;DST;DST	0.111812	0.689775	0.850334	-1.17601	0.0512844	2.45165	2.45165	0.106145	2.04019	2.04019	0.237398	1.64897	1.64897	0.108906	0.493382	-2.02683	0.571029	0.793468	-1.26029	0.872595	0.93721	-1.067	0.0269887	2.88126	2.88126	0.833056	1.08903	1.08903	2.43934	6.30786	2.29857	1
cg23526135	GPX6	0.111819	0.366076	0.833928	-1.19914	0.361921	0.832539	-1.20115	0.00870425	0.520055	-1.92287	0.855788	0.965047	-1.03622	0.252782	0.791671	-1.26315	0.0180831	0.570347	-1.75332	0.921143	0.980821	-1.01955	0.121983	0.720489	-1.38795	0.181623	0.757818	-1.31958	2.43927	1.47761	0.53845	1
cg24140939	URB1	0.11182	0.583634	0.837657	-1.19381	0.10881	1.75022	1.75022	0.0750493	0.530217	-1.88602	0.322217	0.720881	-1.38719	0.279077	0.697556	-1.43358	0.0203333	0.408548	-2.44769	0.182641	1.57245	1.57245	0.631287	0.856625	-1.16737	0.814347	1.07819	1.07819	2.43927	3.95715	1.44202	1
cg15961211	FAM183A	0.11182	0.754609	0.948862	-1.05389	0.72497	0.942579	-1.06092	0.359359	1.1709	1.1709	0.0201297	0.625442	-1.59887	0.488472	0.888858	-1.12504	0.254892	0.819543	-1.22019	0.348959	0.850935	-1.17518	0.0455609	1.46791	1.46791	0.218408	1.242	1.242	2.43927	1.08273	0.394554	1
cg17439480	SLC25A43	0.111822	0.0558281	0.378688	-2.6407	0.528391	0.751053	-1.33146	0.185745	1.87546	1.87546	0.0372384	2.95582	2.95582	0.107248	2.19891	2.19891	0.133115	0.483738	-2.06724	0.912555	1.05047	1.05047	0.946836	1.03034	1.03034	0.841811	1.09369	1.09369	2.43924	7.76015	2.82789	1
cg16643589	CHP2	0.111823	0.331797	1.33454	1.33454	0.40623	1.27749	1.27749	0.068193	0.555109	-1.80145	0.104174	0.599281	-1.66867	0.0118141	0.404096	-2.47466	0.207379	0.681677	-1.46697	0.958903	0.985258	-1.01496	0.965102	0.987469	-1.01269	0.328653	0.747824	-1.33721	2.43923	3.20918	1.16947	1
cg15687138	SCNM1;LYSMD1;LYSMD1;LYSMD1;LYSMD1	0.111824	0.930299	1.03203	1.03203	0.118104	1.84338	1.84338	0.00485761	3.84195	3.84195	0.850958	1.07015	1.07015	0.527272	1.25969	1.25969	0.872559	1.05957	1.05957	0.192627	0.608349	-1.64379	0.375329	1.38812	1.38812	0.251063	1.5407	1.5407	2.43922	5.0187	1.82889	1
cg02568274	HOXC9	0.111827	0.683004	0.89412	-1.11842	0.101979	0.613915	-1.62889	0.0285163	2.02276	2.02276	0.797088	0.932178	-1.07276	0.369412	0.777818	-1.28565	0.176481	0.675927	-1.47945	0.179517	0.678004	-1.47492	0.0833798	1.68609	1.68609	0.910498	0.969815	-1.03112	2.4392	2.87018	1.04595	1
cg16682257	KIF26B	0.111829	0.276222	0.398669	-2.50835	0.174979	3.22616	3.22616	0.14301	3.58989	3.58989	0.940787	1.06218	1.06218	0.00628497	0.0555587	-17.999	0.675372	0.710363	-1.40773	0.841956	0.850359	-1.17597	0.895112	0.898436	-1.11305	0.61051	0.658964	-1.51753	2.43918	25.4681	9.28115	1
cg02278675	C15orf44;C15orf44;C15orf44	0.111829	0.152461	0.640146	-1.56214	0.109321	1.66219	1.66219	0.43992	0.795139	-1.25764	0.0256253	0.462253	-2.16332	0.0421176	0.505866	-1.97681	0.697653	0.892598	-1.12033	0.171906	0.654928	-1.52689	0.52052	1.20871	1.20871	0.818936	0.935446	-1.06901	2.43917	3.27208	1.19242	1
cg23194229	MAGI1;MAGI1;MAGI1	0.11183	0.613818	0.789608	-1.26645	0.269427	0.586314	-1.70557	0.248168	0.570964	-1.75143	0.0338894	0.316708	-3.15748	0.00778128	0.204674	-4.88583	0.146482	0.485029	-2.06173	0.696038	1.19993	1.19993	0.411883	0.677398	-1.47624	0.103805	0.437913	-2.28356	2.43917	8.32508	3.03385	1
cg04460093	GALNT9	0.111831	0.210406	1.97588	1.97588	0.447399	1.49118	1.49118	0.0889844	2.63246	2.63246	0.716419	0.828416	-1.20712	0.0192151	0.231849	-4.31315	0.0865159	2.65655	2.65655	0.845692	1.10577	1.10577	0.605175	1.30879	1.30879	0.339874	0.601958	-1.66124	2.43915	10.2858	3.7484	1
cg27052709	DNAH17	0.111834	0.852311	0.920078	-1.08686	0.965905	1.01929	1.01929	0.0311649	0.322927	-3.09667	0.0204785	0.287063	-3.48356	0.0539897	0.376198	-2.65818	0.0948652	0.440257	-2.2714	0.305205	0.622173	-1.60727	0.0678811	0.400914	-2.4943	0.251388	0.585325	-1.70845	2.43912	7.71673	2.81221	1
cg14124788	ANKS1B	0.111835	0.767864	0.952238	-1.05016	0.00616504	1.80527	1.80527	0.714455	0.941051	-1.06264	0.973332	1.00554	1.00554	0.336067	1.17822	1.17822	0.16429	0.782425	-1.27808	0.417023	1.14699	1.14699	0.421279	1.14549	1.14549	0.117306	1.32482	1.32482	2.43912	1.05606	0.38486	1
cg19909036	MESP1	0.111836	0.134771	0.572631	-1.74633	0.097266	1.87619	1.87619	0.81107	1.08633	1.08633	0.0855396	1.92931	1.92931	0.344843	0.714319	-1.39993	0.312918	0.697041	-1.43464	0.024219	2.53202	2.53202	0.929004	0.969657	-1.03129	0.518051	1.2543	1.2543	2.43911	4.61852	1.68313	1
cg04465834	CCDC62;CCDC62;CCDC62	0.111838	0.360548	0.802283	-1.24644	0.661806	1.10866	1.10866	0.532448	1.15973	1.15973	0.937275	0.981723	-1.01862	0.360243	0.802164	-1.24663	0.0985488	1.52892	1.52892	0.0175362	0.507904	-1.96887	0.0725492	0.625277	-1.59929	0.165361	0.706956	-1.41452	2.43909	2.12178	0.773251	1
cg11511777	WNT6	0.11184	0.0553016	0.403124	-2.48063	0.286261	1.58901	1.58901	0.638478	1.21884	1.21884	0.229309	0.590056	-1.69476	0.0182603	0.301766	-3.31383	0.847039	1.08411	1.08411	0.275103	0.621984	-1.60776	0.0963415	0.466008	-2.14588	0.141682	0.516434	-1.93636	2.43907	6.75566	2.46202	1
cg01114486	TP63;TP63;TP63;TP63;TP63;TP63	0.11184	0.693126	0.923636	-1.08268	0.397342	1.18955	1.18955	0.360032	0.828219	-1.20741	0.0485592	0.636805	-1.57034	0.0143968	0.546531	-1.82972	0.364041	1.20541	1.20541	0.857611	1.03662	1.03662	0.174656	1.33532	1.33532	0.786167	1.05597	1.05597	2.43907	1.54962	0.564741	1
cg16931825	TCEA2;TCEA2;TCEA2	0.111842	0.76863	0.969102	-1.03188	0.31778	0.89595	-1.11613	0.140872	1.18355	1.18355	0.107562	0.82956	-1.20546	0.0154799	0.729054	-1.37164	0.218748	0.871424	-1.14755	0.37552	0.907767	-1.1016	0.8491	1.02047	1.02047	0.192572	1.15804	1.15804	2.43905	0.437292	0.159367	1
cg06023941	ARL15	0.111844	0.462896	0.720803	-1.38734	0.549296	0.766848	-1.30404	0.462847	0.720777	-1.38739	0.987857	0.993354	-1.00669	0.00283613	0.165185	-6.05384	0.956349	0.976303	-1.02427	0.357211	0.660429	-1.51417	0.830487	1.09848	1.09848	0.0836305	0.432184	-2.31383	2.43903	7.41529	2.70245	1
cg11204099	ETNK1;ETNK1	0.111847	0.178289	1.33514	1.33514	0.182647	0.751407	-1.33084	0.115054	0.707309	-1.41381	0.106438	1.42799	1.42799	0.0762202	1.48985	1.48985	0.241075	1.28148	1.28148	0.338937	0.819388	-1.22042	0.782394	1.05755	1.05755	0.10912	1.42345	1.42345	2.439	1.57763	0.574964	1
cg25967165	MAD1L1;MAD1L1;MAD1L1	0.111849	0.0396414	0.399634	-2.50229	0.0747836	0.465295	-2.14917	0.0625082	0.445683	-2.24375	0.295663	0.658323	-1.51901	0.0129751	0.304642	-3.28254	0.161708	0.562108	-1.77902	0.621053	0.82522	-1.2118	0.0940345	0.491766	-2.03349	0.179201	0.57692	-1.73334	2.43899	5.74064	2.09218	1
cg22840219	RCN3	0.111849	0.937193	1.03666	1.03666	0.524421	0.744776	-1.34269	0.00783705	4.75324	4.75324	0.179732	1.91725	1.91725	0.745057	0.861532	-1.16072	0.798358	1.12406	1.12406	0.193041	0.532995	-1.87619	0.164237	0.507646	-1.96988	0.633855	0.803164	-1.24508	2.43898	8.06051	2.93765	1
cg25811820	PLAGL2;POFUT1;POFUT1	0.11185	0.524842	1.08071	1.08071	0.776073	0.966232	-1.03495	0.99201	1.00121	1.00121	0.467879	1.09305	1.09305	0.0107049	1.47167	1.47167	0.751994	1.03893	1.03893	0.989111	1.00165	1.00165	0.628514	0.942965	-1.06048	0.0119226	1.45933	1.45933	2.43897	0.560478	0.204267	1
cg14113931	CEP76;PSMG2	0.111854	0.0227668	0.163559	-6.11401	0.59181	0.697982	-1.4327	0.181028	0.389318	-2.56859	0.723848	0.790056	-1.26573	0.11523	0.32059	-3.11925	0.0852426	0.282536	-3.53937	0.0333859	0.191772	-5.21453	0.0749174	0.267778	-3.73444	0.0461381	0.219183	-4.56239	2.43894	17.0447	6.21205	1
cg19089328	NADSYN1	0.111854	0.02648	0.173223	-5.7729	0.0296062	0.181469	-5.51057	0.0986565	0.299165	-3.34264	0.0998534	0.300685	-3.32574	0.0511862	0.227698	-4.39179	0.207669	0.412559	-2.42389	0.0977337	0.297986	-3.35587	0.112958	0.316743	-3.15714	0.133628	0.34023	-2.93919	2.43893	17.1537	6.25182	1
cg02755446	GAGE10	0.111856	0.19428	1.52152	1.52152	0.375963	0.75752	-1.3201	0.0445159	0.494025	-2.02419	0.856003	0.945995	-1.05709	0.0152454	0.402221	-2.48619	0.480206	1.24525	1.24525	0.221294	1.48135	1.48135	0.79053	0.921855	-1.08477	0.830271	0.936497	-1.06781	2.43892	3.60833	1.31509	1
cg02153397	GAK	0.111857	0.522438	1.35109	1.35109	0.107134	2.26239	2.26239	0.141	2.08539	2.08539	0.415042	1.47217	1.47217	0.0213448	0.276899	-3.61143	0.101667	0.435265	-2.29745	0.375197	1.52575	1.52575	0.905518	0.946373	-1.05667	0.688749	0.82952	-1.20552	2.43891	8.32335	3.03354	1
cg09635067	RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.111859	0.743271	0.957928	-1.04392	0.698582	0.950383	-1.05221	0.102131	1.26361	1.26361	0.66784	0.945106	-1.05808	0.507337	1.09195	1.09195	0.0476593	0.743639	-1.34474	0.0103833	0.655658	-1.52518	0.831474	0.972514	-1.02826	0.834498	0.973009	-1.02774	2.43889	0.660664	0.240789	1
cg08048987	KISS1R	0.11186	0.450672	0.928197	-1.07736	0.258263	1.12116	1.12116	0.0433983	1.25258	1.25258	0.277574	0.896308	-1.11569	0.252546	0.890593	-1.12285	0.0669216	0.819452	-1.22033	0.752968	1.03108	1.03108	0.70579	1.03745	1.03745	0.0707312	1.21625	1.21625	2.43888	0.363045	0.132317	1
cg00664793	DHX16;DHX16;DHX16	0.111861	0.208896	1.16187	1.16187	0.27539	0.879396	-1.13714	0.201273	1.16516	1.16516	0.0653908	1.26397	1.26397	0.0265923	0.742547	-1.34672	0.437712	0.914242	-1.0938	0.30707	0.887136	-1.12722	0.442727	1.09269	1.09269	0.693102	1.04595	1.04595	2.43887	0.495494	0.180591	1
cg05502645	CSNK1G2	0.111865	0.0363169	0.245497	-4.07337	0.38389	1.67407	1.67407	0.783795	1.17201	1.17201	0.0132156	0.169906	-5.88561	0.507096	0.678141	-1.47462	0.122576	0.380769	-2.62626	0.794275	0.860011	-1.16278	0.220297	0.475342	-2.10375	0.122615	0.380814	-2.62595	2.43883	12.8636	4.68845	1
cg21799053	RHOBTB2;RHOBTB2;RHOBTB2	0.111871	0.681299	0.946295	-1.05675	0.0529641	1.34177	1.34177	0.022854	1.43912	1.43912	0.115752	1.25676	1.25676	0.187044	0.829493	-1.20556	0.946654	0.991095	-1.00898	0.0793311	1.2974	1.2974	0.528995	1.089	1.089	0.373772	1.12981	1.12981	2.43877	0.690178	0.251558	1
cg26398791	SF3A3	0.111873	0.567834	0.941449	-1.06219	0.087795	1.21762	1.21762	0.386115	1.09729	1.09729	0.675544	0.956966	-1.04497	0.616274	0.948571	-1.05422	0.0890576	0.822045	-1.21648	0.0775221	0.814615	-1.22757	0.383015	1.09799	1.09799	0.044775	1.27216	1.27216	2.43875	0.42176	0.153725	1
cg22699977	UBE2J2;UBE2J2;LOC100128842;UBE2J2;UBE2J2	0.111873	0.06947	0.411448	-2.43044	0.195174	1.82073	1.82073	0.95048	1.02753	1.02753	0.351084	0.657225	-1.52155	0.0213894	0.298424	-3.35094	0.997679	0.998729	-1.00127	0.0792881	0.426567	-2.3443	0.455253	1.39461	1.39461	0.150197	0.509383	-1.96316	2.43875	7.38771	2.69271	1
cg18016759	POLH	0.111873	0.0395137	0.440857	-2.26831	0.105143	0.543884	-1.83863	0.161447	0.597899	-1.67252	0.425132	1.32331	1.32331	0.478741	0.780603	-1.28106	0.53536	1.24098	1.24098	0.673396	1.15698	1.15698	0.984004	1.00692	1.00692	0.0153734	0.359484	-2.78176	2.43875	4.56937	1.66547	1
cg19615288	RFX7	0.111875	0.535917	1.15973	1.15973	0.610946	1.12895	1.12895	0.00636722	2.31512	2.31512	0.763344	0.931102	-1.074	0.12816	0.677868	-1.47521	0.62613	0.890415	-1.12307	0.801326	1.06142	1.06142	0.343024	0.793792	-1.25978	0.282722	0.768069	-1.30197	2.43874	2.15857	0.786771	1
cg04600027	LOC254559	0.111875	0.978576	0.982751	-1.01755	0.348102	0.53475	-1.87003	0.183322	0.400596	-2.49628	0.10525	3.14844	3.14844	0.659039	1.33339	1.33339	0.475824	1.59971	1.59971	0.4121	1.72185	1.72185	0.00883599	8.66981	8.66981	0.177462	2.53126	2.53126	2.43873	16.2167	5.91081	1
cg23508540	CLSTN1;CLSTN1;CLSTN1;CLSTN1	0.111877	0.374757	0.754172	-1.32596	0.0200597	0.419445	-2.3841	0.391043	0.761728	-1.3128	0.0109672	0.372121	-2.68729	0.657859	1.14801	1.14801	0.757167	0.908417	-1.10082	0.184405	0.64661	-1.54653	0.238661	0.682361	-1.4655	0.101772	0.574226	-1.74147	2.43871	3.70429	1.35018	1
cg15155672	LSM3;XPC;XPC;XPC;LSM3	0.111878	0.266026	0.803308	-1.24485	0.383694	1.18388	1.18388	0.075714	1.45293	1.45293	0.733132	1.06681	1.06681	0.973445	0.993729	-1.00631	0.668924	0.921924	-1.08469	0.12784	0.73264	-1.36493	0.0244139	0.60243	-1.65994	0.150003	1.33861	1.33861	2.43871	1.3793	0.502742	1
cg08533336	USP2;USP2	0.111881	0.256763	1.65178	1.65178	0.301791	1.57393	1.57393	0.0292847	2.9705	2.9705	0.168951	1.86153	1.86153	0.482104	0.738663	-1.3538	0.210798	1.74899	1.74899	0.0204974	3.26642	3.26642	0.156647	1.90096	1.90096	0.0511085	2.56474	2.56474	2.43867	6.94298	2.5307	1
cg12395649	GNPTAB	0.111882	0.583291	1.227	1.227	0.0183966	0.347796	-2.87525	0.0640939	0.463794	-2.15613	0.671772	1.17043	1.17043	0.392481	1.38192	1.38192	0.167256	1.72222	1.72222	0.363136	1.41215	1.41215	0.294715	1.49373	1.49373	0.429651	1.34674	1.34674	2.43867	5.266	1.91944	1
cg16692668	RUSC1;RUSC1;RUSC1;RUSC1	0.111884	0.930262	0.949403	-1.05329	0.725431	0.811262	-1.23265	0.952234	1.03617	1.03617	0.650266	0.762805	-1.31095	0.00374213	0.0980738	-10.1964	0.567799	0.709973	-1.4085	0.260339	0.498362	-2.00657	0.402644	1.66206	1.66206	0.0857485	0.324172	-3.08478	2.43865	13.5901	4.95359	1
cg22010052	LVRN	0.111886	0.029196	8.80002	8.80002	0.13027	3.98684	3.98684	0.25725	2.71994	2.71994	0.112347	4.31861	4.31861	0.188819	3.24854	3.24854	0.261426	2.69428	2.69428	0.727177	1.34503	1.34503	0.0192081	10.9952	10.9952	0.0283487	8.93816	8.93816	2.43863	27.6615	10.0827	1
cg07424354	CYB5D1;CYB5D1;LSMD1;LSMD1	0.111887	0.853781	0.968539	-1.03248	0.0944251	1.37514	1.37514	0.357312	1.17825	1.17825	0.836881	1.03637	1.03637	0.269813	1.22031	1.22031	0.922365	0.983252	-1.01703	0.0183307	1.64212	1.64212	0.665434	0.927388	-1.0783	0.0135395	1.69808	1.69808	2.43862	1.15954	0.422659	1
cg08550615	CDK13;CDK13	0.111887	0.0844425	0.132694	-7.53614	0.911295	0.890396	-1.1231	0.22062	3.86415	3.86415	?	?	?	?	?	?	0.0236355	0.0552835	-18.0886	?	?	?	0.882662	0.857395	-1.16632	0.424066	2.34705	2.34705	2.67613	30.0129	13.0842	1
cg11742189	IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.111887	0.0944112	0.315606	-3.16851	0.0899462	0.309633	-3.22963	0.0774789	0.292002	-3.42464	0.331802	0.533635	-1.87394	0.0308326	0.203818	-4.90634	0.158785	0.388765	-2.57225	0.0125457	0.142615	-7.01187	0.159041	0.389021	-2.57055	0.290848	0.502804	-1.98885	2.43861	15.1958	5.53895	1
cg01590342	GMPR	0.111891	0.17368	2.28426	2.28426	0.0901765	2.9029	2.9029	0.290267	1.87077	1.87077	0.124818	2.58112	2.58112	0.267205	1.9341	1.9341	0.153061	2.39458	2.39458	0.00507208	8.28361	8.28361	0.0832592	2.98703	2.98703	0.263987	1.94346	1.94346	2.43858	12.5781	4.58484	1
cg00854751	PIGN;PIGN;KIAA1468	0.111891	0.335375	0.886811	-1.12764	0.15158	0.830454	-1.20416	0.75289	0.96253	-1.03893	0.228167	1.16526	1.16526	0.257536	1.15358	1.15358	0.34811	1.1239	1.1239	0.0108672	1.47211	1.47211	0.864818	1.02082	1.02082	0.13214	1.21713	1.21713	2.43858	0.564695	0.205837	1
cg23658814	ZNF776	0.111895	0.521137	0.896256	-1.11575	0.941471	1.01244	1.01244	0.815557	1.04014	1.04014	0.763032	0.950348	-1.05225	0.0153565	0.605873	-1.65051	0.367825	1.16859	1.16859	0.249866	0.816661	-1.2245	0.0759664	1.39459	1.39459	0.115369	1.33416	1.33416	2.43854	1.09551	0.39933	1
cg04422024	RBM25	0.111899	0.309528	0.834655	-1.1981	0.342491	0.845283	-1.18304	0.109044	0.740563	-1.35032	0.816997	1.04064	1.04064	0.237686	0.808492	-1.23687	0.0233052	1.59347	1.59347	0.126109	0.752441	-1.32901	0.732119	0.942657	-1.06083	0.0848072	0.720677	-1.38758	2.4385	1.14073	0.415822	1
cg06118122	LGALS8;LGALS8;LGALS8;LGALS8	0.111901	0.89546	1.05443	1.05443	0.0875882	2.13891	2.13891	0.220565	1.6808	1.6808	0.674086	1.18594	1.18594	0.00674696	0.242671	-4.1208	0.971547	1.01448	1.01448	0.907062	1.04821	1.04821	0.855397	1.07632	1.07632	0.392706	0.702557	-1.42337	2.43849	6.27799	2.28849	1
cg20442550	CASKIN2;TSEN54	0.111901	0.0618383	0.639934	-1.56266	0.170781	0.733748	-1.36286	0.377232	0.825042	-1.21206	0.642289	0.905479	-1.10439	0.00467305	0.450101	-2.22173	0.193854	0.746925	-1.33882	0.382315	0.826814	-1.20946	0.680331	1.09192	1.09192	0.910751	1.02409	1.02409	2.43848	1.73999	0.63427	1
cg11510131	PXN;PXN;PXN	0.111903	0.414513	1.34316	1.34316	0.0139279	2.92839	2.92839	0.0915525	1.92929	1.92929	0.5086	0.788844	-1.26768	0.174231	0.599752	-1.66736	0.610098	1.1995	1.1995	0.519978	1.25946	1.25946	0.141706	1.74869	1.74869	0.323653	0.697289	-1.43413	2.43846	4.83156	1.76124	1
cg12696259	POLE4	0.11191	0.0759997	0.727972	-1.37368	0.222375	0.813675	-1.22899	0.507858	0.897611	-1.11407	0.486273	1.12047	1.12047	0.466036	0.887562	-1.12668	0.105355	0.75239	-1.3291	0.0224516	0.644247	-1.5522	0.104174	1.33062	1.33062	0.811185	1.03923	1.03923	2.43839	0.998444	0.363971	1
cg14051366	PPP1R3F	0.111912	0.090332	0.255596	-3.91242	0.171407	0.344963	-2.89886	0.530793	1.59056	1.59056	0.0342741	6.08107	6.08107	0.0772255	4.20357	4.20357	0.144235	0.317736	-3.14726	0.969294	1.02853	1.02853	0.749667	1.26363	1.26363	0.811076	1.19129	1.19129	2.43838	20.6315	7.52105	1
cg01375719	EPHB3	0.111912	0.0824321	0.797797	-1.25345	0.683462	1.04932	1.04932	0.394877	0.902735	-1.10774	0.482792	0.919653	-1.08737	0.857824	1.02128	1.02128	0.287525	0.878382	-1.13846	0.0392361	1.32331	1.32331	0.0531353	0.772578	-1.29437	0.0917864	0.804139	-1.24357	2.43837	0.532514	0.194124	1
cg09715793	LEPREL1;LEPREL1	0.111915	0.171534	1.90948	1.90948	0.198884	1.82806	1.82806	0.452624	0.711774	-1.40494	0.959636	0.977762	-1.02274	0.00999894	0.23571	-4.24249	0.706767	0.845408	-1.18286	0.752885	1.15067	1.15067	0.247787	0.584547	-1.71073	0.129185	0.482609	-2.07207	2.43835	7.62523	2.77974	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06778013	MAGEB6	0.111917	0.719709	1.28106	1.28106	0.0980428	0.287244	-3.48136	0.0391694	0.193882	-5.15778	0.228468	0.419451	-2.38407	0.340089	0.50875	-1.9656	0.914577	1.07654	1.07654	0.857436	0.883736	-1.13156	0.541364	1.52955	1.52955	0.00955754	0.104796	-9.54232	2.43833	18.2453	6.65128	1
cg05343289	SELP	0.111917	0.635322	0.702485	-1.42352	0.650599	0.713882	-1.40079	0.420564	0.544308	-1.83719	0.0247873	0.13873	-7.20826	0.0129793	0.102396	-9.76597	0.100818	0.264894	-3.7751	0.091528	0.253234	-3.94892	0.315242	0.464133	-2.15455	0.062403	0.21218	-4.71298	2.43833	21.0994	7.69175	1
cg12703904	UROC1;UROC1	0.111917	0.059858	1.47997	1.47997	0.936472	1.01483	1.01483	0.55589	0.895848	-1.11626	0.0235727	0.607013	-1.64741	0.280325	1.23023	1.23023	0.847412	1.03621	1.03621	0.334828	1.20158	1.20158	0.247687	0.800001	-1.25	0.123628	0.734982	-1.36058	2.43833	1.31643	0.479903	1
cg08268814	EP400	0.111918	0.203889	0.813538	-1.2292	0.615418	0.925011	-1.08107	0.391052	0.873503	-1.14482	0.130295	0.777654	-1.28592	0.0741387	0.736199	-1.35833	0.454719	0.889421	-1.12433	0.0145711	1.58888	1.58888	0.605885	0.923027	-1.08339	0.677183	1.06655	1.06655	2.43832	0.914589	0.333413	1
cg21783599	VARS2;VARS2;VARS2;GTF2H4	0.111922	0.954993	0.978444	-1.02203	0.0809893	2.11073	2.11073	0.11068	1.95638	1.95638	0.14288	1.83676	1.83676	0.250476	0.628984	-1.58987	0.128627	1.88534	1.88534	0.483119	0.759428	-1.31678	0.019447	2.97657	2.97657	0.368841	1.42813	1.42813	2.43828	5.75682	2.09868	1
cg07492924	LOC100134368	0.111927	0.0461646	0.293364	-3.40873	0.0286975	0.25028	-3.99552	0.0856866	0.360734	-2.77212	0.275294	0.543767	-1.83902	0.232857	0.510936	-1.95719	0.748429	0.841371	-1.18854	0.0173039	0.210937	-4.74074	0.0838417	0.358102	-2.7925	0.303588	0.564415	-1.77175	2.43823	11.1267	4.05636	1
cg09010346	IL15;IL15	0.111932	0.55368	0.922217	-1.08434	0.597072	0.930435	-1.07477	0.690792	0.947394	-1.05553	0.265755	1.16969	1.16969	0.992946	0.998806	-1.0012	0.176524	0.8235	-1.21433	0.0955043	0.780734	-1.28085	0.0545116	0.744654	-1.34291	0.0274377	1.42272	1.42272	2.43818	0.705415	0.257173	1
cg03853134	MKI67IP	0.111933	0.308125	0.879896	-1.1365	0.0864061	1.2583	1.2583	0.117036	1.22939	1.22939	0.335617	1.12798	1.12798	0.0527581	1.30611	1.30611	0.0401021	1.33338	1.33338	0.046432	1.31873	1.31873	0.272503	1.14859	1.14859	0.805726	0.970554	-1.03034	2.43817	0.568105	0.207115	1
cg14279345	FGGY;FGGY	0.111933	0.509458	1.23042	1.23042	0.109609	0.582457	-1.71686	0.00986365	0.364031	-2.74702	0.741485	0.902506	-1.10803	0.783298	1.08918	1.08918	0.49585	0.807128	-1.23896	0.125202	1.67239	1.67239	0.979666	1.00793	1.00793	0.274515	1.42235	1.42235	2.43817	3.70772	1.35173	1
cg08209104	MYH7	0.111934	0.816177	0.918871	-1.08829	0.12162	0.543483	-1.83998	0.345	0.702291	-1.42391	0.7936	1.09996	1.09996	0.00420383	0.24833	-4.02689	0.413832	1.35464	1.35464	0.64035	1.18646	1.18646	0.984338	1.00716	1.00716	0.290296	0.671145	-1.48999	2.43817	5.09809	1.85862	1
cg07929310	KIAA0513	0.111934	0.810675	0.974973	-1.02567	0.230309	0.875544	-1.14215	0.1092	1.20257	1.20257	0.674987	1.04554	1.04554	0.194445	1.156	1.156	0.336998	1.1102	1.1102	0.0263172	0.75711	-1.32081	0.392976	1.09682	1.09682	0.0832672	1.22446	1.22446	2.43817	0.430682	0.157015	1
cg26188685	HDC	0.111938	0.739202	0.914946	-1.09296	0.250288	1.37662	1.37662	0.0377005	0.526598	-1.89898	0.327385	0.764149	-1.30864	0.726564	0.910821	-1.09791	0.140376	1.52501	1.52501	0.0496925	0.551191	-1.81425	0.162015	1.48771	1.48771	0.3935	0.79251	-1.26181	2.43813	2.73337	0.996529	1
cg08908855	NRSN1	0.11194	0.963461	1.01567	1.01567	0.0449891	0.458062	-2.18311	0.82636	0.928153	-1.07741	0.0757604	1.95573	1.95573	0.365776	0.729538	-1.37073	0.365676	0.729487	-1.37083	0.0500564	0.46848	-2.13456	0.180399	0.6171	-1.62048	0.206361	1.57196	1.57196	2.43811	4.44711	1.62133	1
cg15644003	ATL3;ATL3	0.11194	0.675618	0.950462	-1.05212	0.0427875	1.32514	1.32514	0.477382	0.916478	-1.09113	0.166012	0.836665	-1.19522	0.985983	0.997881	-1.00212	0.169015	0.837853	-1.19353	0.389019	1.11246	1.11246	0.0480869	0.761274	-1.31359	0.085259	0.79477	-1.25823	2.43811	0.562819	0.205194	1
cg10364115	LFNG;LFNG;LFNG;LFNG	0.111941	0.146191	0.370238	-2.70097	0.0103321	0.127716	-7.82986	0.0153025	0.150087	-6.66279	0.970304	0.976568	-1.02399	0.17677	0.40068	-2.49575	0.424311	0.594671	-1.6816	0.209384	0.430525	-2.32274	0.190328	0.413368	-2.41915	0.444249	0.608477	-1.64345	2.4381	15.6668	5.71183	1
cg26728390	KIAA1688	0.111943	0.260838	2.64049	2.64049	0.0427173	6.89972	6.89972	0.290274	2.48114	2.48114	0.228863	2.84498	2.84498	0.0393375	0.138916	-7.19858	0.788258	1.24967	1.24967	0.162551	3.43638	3.43638	0.181755	3.23369	3.23369	0.122159	4.00326	4.00326	2.43808	26.4705	9.65078	1
cg05406498	SPOCK2	0.111943	0.696805	0.930002	-1.07527	0.0251189	1.63838	1.63838	0.0347326	1.57805	1.57805	0.108104	1.38389	1.38389	0.787869	0.951244	-1.05125	0.585996	1.1073	1.1073	0.0243502	1.64431	1.64431	0.43347	1.15967	1.15967	0.340764	1.19955	1.19955	2.43808	1.32631	0.483553	1
cg26031047	FAM84B	0.111945	0.596349	0.737815	-1.35535	0.96289	1.02682	1.02682	0.647432	1.29943	1.29943	0.963573	0.974356	-1.02632	0.282916	1.88637	1.88637	0.0647086	0.307213	-3.25507	0.443208	1.56003	1.56003	0.83155	0.885885	-1.12881	0.00618607	0.131213	-7.62117	2.43805	12.4939	4.55515	1
cg22595391	C17orf62;C17orf62;C17orf62	0.111948	0.662656	0.904284	-1.10585	0.0399894	1.72304	1.72304	0.295405	1.28236	1.28236	0.841777	0.955223	-1.04688	0.346026	1.24911	1.24911	0.387606	1.22504	1.22504	0.384757	1.22661	1.22661	0.055414	1.64486	1.64486	0.0372644	0.574564	-1.74045	2.43803	2.02851	0.739582	1
cg13227646	BLOC1S2;BLOC1S2	0.111948	0.219601	2.27424	2.27424	0.0353601	0.197603	-5.06065	?	?	?	0.394227	1.73347	1.73347	?	?	?	0.139019	2.77983	2.77983	?	?	?	?	?	?	0.874649	1.10373	1.10373	2.92434	9.57166	3.92772	1
cg04431829	IQCE;IQCE	0.111948	0.533797	1.319	1.319	0.0104413	4.12265	4.12265	0.00961721	4.22104	4.22104	0.286227	1.62676	1.62676	0.644116	1.22676	1.22676	0.433827	1.42033	1.42033	0.152469	1.96085	1.96085	0.744155	1.15475	1.15475	0.70143	1.18442	1.18442	2.43803	7.45372	2.71758	1
cg12531972	LRGUK	0.11195	0.0219886	0.582718	-1.7161	0.29906	0.809325	-1.2356	0.0950611	1.4341	1.4341	0.134282	0.728051	-1.37353	0.138254	1.36847	1.36847	0.67965	1.08504	1.08504	0.963448	0.991033	-1.00905	0.41839	0.849988	-1.17649	0.438985	1.16783	1.16783	2.43801	1.49179	0.543901	1
cg05629323	TFDP3;TFDP3	0.111951	0.588356	0.763827	-1.3092	0.209142	0.520633	-1.92074	0.0136915	0.222431	-4.49577	0.13379	0.450551	-2.2195	0.0239055	0.264813	-3.77625	0.368248	0.634031	-1.57721	0.325912	1.64888	1.64888	0.884459	0.930817	-1.07432	0.858297	1.09211	1.09211	2.438	9.38622	3.4222	1
cg19565171	KHDC1L	0.111953	0.598976	0.889436	-1.12431	0.906862	0.974489	-1.02618	0.0233413	0.549711	-1.81914	0.543287	1.14551	1.14551	0.00798696	0.472037	-2.11848	0.684263	1.09447	1.09447	0.86356	1.03871	1.03871	0.975126	0.993139	-1.00691	0.274611	0.778032	-1.28529	2.43798	1.88242	0.686333	1
cg07583394	DDX52;DDX52;DDX52	0.111954	0.92401	0.983618	-1.01665	0.0297668	1.55706	1.55706	0.254715	1.22862	1.22862	0.0600045	0.692577	-1.44388	0.118935	0.746023	-1.34044	0.934092	1.01442	1.01442	0.769486	0.950398	-1.05219	0.211591	0.796255	-1.25588	0.255499	1.22816	1.22816	2.43797	1.15732	0.421962	1
cg04052019	LOC154449	0.111955	0.328159	0.836273	-1.19578	0.76969	0.94932	-1.05339	0.18581	1.28213	1.28213	0.883278	1.02637	1.02637	0.0888704	1.39437	1.39437	0.0602653	1.45557	1.45557	0.476854	1.13671	1.13671	0.445506	0.871298	-1.14771	0.0304736	0.637312	-1.56909	2.43796	1.21173	0.441802	1
cg24313770	RRP15	0.111959	0.129883	0.783633	-1.27611	0.026585	1.47946	1.47946	0.483145	1.11205	1.11205	0.153985	0.796572	-1.25538	0.172783	1.24137	1.24137	0.956813	0.991962	-1.0081	0.118253	0.776664	-1.28756	0.549748	1.09438	1.09438	0.358603	1.15105	1.15105	2.43792	0.857453	0.312635	1
cg22686716	TRIM33;TRIM33	0.111959	0.915427	0.970897	-1.02998	0.339394	1.31493	1.31493	0.336155	0.759012	-1.3175	0.471828	1.22567	1.22567	0.38178	0.779263	-1.28326	0.0644956	0.561328	-1.78149	0.0126631	2.36702	2.36702	0.27032	0.726784	-1.37592	0.899162	1.03588	1.03588	2.43792	2.98486	1.08831	1
cg15936935	PACS2;PACS2	0.111961	0.153076	1.32091	1.32091	0.0161377	0.585418	-1.70818	0.128476	0.74165	-1.34834	0.901905	0.97782	-1.02268	0.22981	0.795175	-1.25758	0.199385	0.781422	-1.27972	0.995319	0.998933	-1.00107	0.0668388	0.688154	-1.45316	0.643656	1.08843	1.08843	2.4379	1.27755	0.46581	1
cg19504308	ASAH2B	0.111963	0.0759226	0.423378	-2.36196	0.866895	1.0727	1.0727	0.639114	1.21903	1.21903	0.613037	0.807393	-1.23855	?	?	?	0.146817	0.512561	-1.95099	0.0286207	0.316817	-3.1564	0.124547	2.04644	2.04644	0.12073	0.484265	-2.06498	2.81604	6.6048	1.75907	1
cg24124069	CDH23;CDH23	0.111963	0.461511	1.10371	1.10371	0.0158714	1.47533	1.47533	0.0823127	1.28835	1.28835	0.220487	1.1848	1.1848	0.241402	1.17519	1.17519	0.0218746	1.43637	1.43637	0.0610613	1.32032	1.32032	0.177687	1.20752	1.20752	0.130551	1.23979	1.23979	2.43789	0.669078	0.243956	1
cg08903381	TBX6	0.111963	0.660333	1.0612	1.0612	0.0452434	0.734507	-1.36146	0.834192	1.02856	1.02856	0.136082	1.24078	1.24078	0.0192342	1.46288	1.46288	0.934344	1.01113	1.01113	0.219479	1.1894	1.1894	0.199453	1.19973	1.19973	0.252436	1.17419	1.17419	2.43788	0.69663	0.254002	1
cg01560422	PSIP1;PSIP1;PSIP1	0.111968	0.147019	0.313402	-3.19079	0.495975	0.597262	-1.67431	0.682863	1.35834	1.35834	0.30851	0.455748	-2.1942	0.0749973	0.22802	-4.38559	0.105548	0.267589	-3.73707	0.00772092	0.0779603	-12.827	0.0661483	0.215094	-4.64912	0.491378	0.593876	-1.68385	2.43784	21.4614	7.82529	1
cg22386583	RPTOR;RPTOR	0.111968	0.337117	0.596677	-1.67595	0.76924	1.16591	1.16591	0.568532	0.740285	-1.35083	0.172005	0.468319	-2.1353	0.00395009	0.132268	-7.56043	0.0886716	0.375337	-2.66427	0.239297	0.52571	-1.90219	0.243472	0.528981	-1.89043	0.193986	0.488183	-2.04841	2.43784	10.5122	3.83296	1
cg03941625	SSU72	0.111968	0.230951	0.614929	-1.6262	0.0716647	0.459211	-2.17765	0.0314163	0.376562	-2.65561	0.795452	0.90436	-1.10575	0.00856201	0.27312	-3.6614	0.112785	0.51276	-1.95023	0.360857	0.695254	-1.43832	0.662536	0.84373	-1.18521	0.192706	0.586564	-1.70484	2.43784	5.78118	2.10795	1
cg22628694	ZNF329	0.111969	0.367773	1.21302	1.21302	0.0994343	0.685943	-1.45785	0.0383826	0.606033	-1.65008	0.31543	1.24194	1.24194	0.225644	1.30422	1.30422	0.63864	0.905987	-1.10377	0.0461228	1.61123	1.61123	0.495175	0.86539	-1.15555	0.802004	1.05385	1.05385	2.43783	1.68226	0.613391	1
cg27652464	FAM19A5	0.11197	0.460061	0.881798	-1.13405	0.665079	0.929745	-1.07556	0.345616	1.17639	1.17639	0.37389	1.16492	1.16492	0.467265	0.883636	-1.13169	0.547982	0.903323	-1.10702	0.011704	0.590495	-1.69349	0.0236283	0.63639	-1.57136	0.811264	1.04082	1.04082	2.43781	1.07993	0.393768	1
cg22175303	FAIM;FAIM;FAIM;FAIM	0.11197	0.312716	1.59706	1.59706	0.00959244	4.35019	4.35019	0.25289	0.585439	-1.70812	0.640366	0.809817	-1.23485	0.200709	0.545584	-1.8329	0.598896	0.788237	-1.26865	0.148445	0.499125	-2.00351	0.563429	0.76961	-1.29936	0.621935	1.24962	1.24962	2.43781	7.76029	2.8296	1
cg09032732	PRDM16;PRDM16	0.111971	0.126143	0.807359	-1.23861	0.0487603	1.33781	1.33781	0.801409	1.03313	1.03313	0.177624	0.830887	-1.20353	0.0702471	0.769754	-1.29912	0.297394	0.869625	-1.14992	0.142126	1.22639	1.22639	0.258013	0.858451	-1.16489	0.584672	0.931114	-1.07398	2.43781	0.645609	0.235406	1
cg16592121	BNIP3	0.111972	0.596292	0.790984	-1.26425	0.540523	0.762051	-1.31225	0.0550074	2.59676	2.59676	0.908798	0.950982	-1.05154	0.314804	0.633887	-1.57757	0.650557	0.818726	-1.22141	0.0131378	0.259563	-3.85263	0.073145	0.416242	-2.40245	0.391968	0.680687	-1.4691	2.4378	7.42667	2.70797	1
cg08463758	EMILIN3	0.111975	0.220445	0.671772	-1.4886	0.0194042	0.417761	-2.39371	0.810047	0.928335	-1.0772	0.442491	0.785197	-1.27357	0.116976	0.591026	-1.69197	0.062248	1.91205	1.91205	0.289139	0.71192	-1.40465	0.119085	0.593108	-1.68603	0.994368	1.00218	1.00218	2.43777	3.68189	1.34253	1
cg01830883	WDR8	0.111976	0.198507	0.392025	-2.55086	0.038837	0.192359	-5.1986	0.361724	0.524093	-1.90806	0.082707	0.265994	-3.75948	0.0140894	0.123899	-8.07111	0.0521123	0.218156	-4.58387	0.104622	0.29453	-3.39524	0.22225	0.413134	-2.42052	0.119413	0.312074	-3.20437	2.43776	18.3353	6.68566	1
cg07309340	GDNF;GDNF;GDNF	0.111976	0.0214588	0.303079	-3.29947	0.161044	0.523719	-1.90942	0.101703	0.461108	-2.16869	0.907364	1.05158	1.05158	0.0206268	0.29983	-3.33523	0.71839	0.855162	-1.16937	0.0521802	0.385103	-2.59671	0.781575	0.886839	-1.1276	0.190635	0.549484	-1.81989	2.43776	7.20749	2.62809	1
cg05936217	EBF3	0.111978	0.410472	1.19652	1.19652	0.0197113	1.82285	1.82285	0.286464	0.789813	-1.26612	0.706175	0.922438	-1.08408	0.105183	0.685644	-1.45848	0.083166	0.664379	-1.50516	0.530349	1.14511	1.14511	0.229979	0.764538	-1.30798	0.845049	0.959147	-1.04259	2.43774	1.75441	0.63972	1
cg07519638	PCDHB6	0.111979	0.250141	1.53829	1.53829	0.759937	1.11609	1.11609	0.886772	0.950224	-1.05238	0.302951	0.682229	-1.46578	0.248872	0.649256	-1.54023	0.861107	1.06477	1.06477	0.899928	0.955917	-1.04612	0.00406413	3.98386	3.98386	0.916937	1.03809	1.03809	2.43773	4.95817	1.80794	1
cg17917325	SUMF2;SUMF2;SUMF2;SUMF2;SUMF2	0.11198	0.255218	0.670041	-1.49245	0.0186044	0.382217	-2.61631	0.904761	1.04117	1.04117	0.830274	1.07504	1.07504	0.0246006	0.4056	-2.46548	0.304332	0.698657	-1.43132	0.0323528	0.429709	-2.32715	0.721154	0.886202	-1.12841	0.208824	0.639798	-1.56299	2.43772	4.38706	1.5997	1
cg19421218	TIGIT	0.11198	0.0479923	0.45976	-2.17505	0.110609	0.550117	-1.81779	0.0702888	0.49882	-2.00473	0.437698	0.761754	-1.31276	0.0432728	0.449712	-2.22364	0.10098	0.539324	-1.85417	0.100933	0.539269	-1.85436	0.237356	1.5304	1.5304	0.350607	0.718744	-1.39132	2.43772	4.56209	1.66352	1
cg22763753	STK38L	0.111984	?	?	?	0.798825	0.872453	-1.14619	0.229956	1.95997	1.95997	0.648444	0.782518	-1.27793	?	?	?	0.598154	0.752649	-1.32864	0.0941664	2.67288	2.67288	0.0234171	0.235334	-4.24928	0.191837	2.09209	2.09209	2.49332	8.76662	4.01834	1
cg02403398	EEF1DP3	0.111986	0.468344	1.19174	1.19174	0.298739	0.774093	-1.29183	0.676809	1.10479	1.10479	0.634389	1.12064	1.12064	0.0223289	0.521572	-1.91728	0.38691	1.23473	1.23473	0.083698	0.634392	-1.57631	0.0889746	1.56201	1.56201	0.27084	0.761432	-1.31331	2.43766	2.18212	0.795704	1
cg04486050	IFT140	0.111993	0.597372	0.8546	-1.17014	0.252262	1.42533	1.42533	0.0362617	0.479999	-2.08334	0.525187	1.20914	1.20914	0.137107	0.620749	-1.61096	0.213053	1.47566	1.47566	0.0317154	0.467594	-2.13861	0.842099	1.06048	1.06048	0.281466	0.717882	-1.39299	2.58469	3.47239	1.0449	1
cg12489727	TNRC6C;TNRC6C	0.111994	0.0368964	2.66966	2.66966	0.0624399	0.42761	-2.33858	0.0470412	0.398197	-2.51132	0.222883	1.68015	1.68015	0.564283	1.26631	1.26631	0.781277	1.11936	1.11936	0.441017	1.37479	1.37479	0.677277	1.18478	1.18478	0.587668	0.801086	-1.24831	2.43759	6.33604	2.3105	1
cg08862452	PUF60;PUF60;PUF60	0.111994	0.484757	1.64297	1.64297	0.482756	0.607222	-1.64684	0.883095	0.902219	-1.10838	0.0802276	3.88525	3.88525	0.664815	0.73723	-1.35643	0.976831	0.979896	-1.02052	0.0194425	7.212	7.212	0.0210394	6.96483	6.96483	0.228366	2.42091	2.42091	2.43758	18.8802	6.88486	1
cg16663674	SNORD27;SNORD26;SNORD29;SNORD28;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SNHG1;SLC3A2	0.111995	?	?	?	0.278296	1.93388	1.93388	0.814935	0.871821	-1.14702	0.631826	0.753949	-1.32635	0.260322	0.503143	-1.98751	0.00420451	0.106161	-9.41964	0.884579	1.08869	1.08869	0.564511	0.711233	-1.40601	0.419259	0.617043	-1.62063	2.46246	11.865	4.81834	1
cg11064206	OGFOD2;ABCB9;ABCB9;OGFOD2	0.111996	0.426792	0.918502	-1.08873	0.9044	0.987491	-1.01267	0.734802	0.965006	-1.03626	0.324899	0.898971	-1.11238	0.573456	1.06141	1.06141	0.462141	0.924573	-1.08158	0.0386658	0.778107	-1.28517	0.583894	1.05966	1.05966	0.011832	1.38995	1.38995	2.43756	0.423747	0.154525	1
cg17384440	SAMD4B	0.111998	0.0177243	0.475234	-2.10423	0.0830957	1.64045	1.64045	0.826231	1.05836	1.05836	0.469587	0.827133	-1.209	0.698484	0.904461	-1.10563	0.162528	0.680701	-1.46907	0.113577	0.641368	-1.55917	0.96541	0.988876	-1.01125	0.246259	1.36726	1.36726	2.43755	2.5691	0.936859	1
cg27293078	TMEM45B	0.112	0.60321	1.23793	1.23793	0.144572	1.8924	1.8924	0.723254	1.15571	1.15571	0.832046	0.91719	-1.09029	0.170086	0.551703	-1.81257	0.2507	0.613536	-1.6299	0.038286	0.376364	-2.657	0.0332656	2.75331	2.75331	0.707318	0.857684	-1.16593	2.43753	6.39547	2.33223	1
cg08898442	SLC35A1;SLC35A1	0.112004	0.66692	1.06845	1.06845	0.218683	1.21876	1.21876	0.599811	1.08433	1.08433	0.779486	1.04386	1.04386	0.825313	0.966761	-1.03438	0.38602	0.872936	-1.14556	0.00342467	0.544388	-1.83692	0.921373	1.01521	1.01521	0.999087	0.999825	-1.00017	2.43749	0.90274	0.329206	1
cg02393496	SEMA4G;MIR608	0.112005	0.230148	0.608376	-1.64372	0.575542	1.25019	1.25019	0.434958	0.730198	-1.36949	0.738558	1.14136	1.14136	0.00816268	0.262797	-3.80521	0.589616	0.80658	-1.2398	0.258314	1.59294	1.59294	0.175471	1.76596	1.76596	0.381138	1.42559	1.42559	2.43748	6.01505	2.19354	1
cg00182727	MMP9	0.112006	0.0507413	2.36343	2.36343	0.637986	1.20097	1.20097	0.0616035	2.25589	2.25589	0.025544	2.78788	2.78788	0.359266	0.694728	-1.43941	0.947825	1.02561	1.02561	0.289626	1.52914	1.52914	0.054364	2.32464	2.32464	0.167302	1.76616	1.76616	2.43747	5.76397	2.10199	1
cg08560387	TSPAN14;TSPAN14	0.112007	0.678294	1.22127	1.22127	0.00947548	4.83276	4.83276	0.446399	1.45055	1.45055	0.858612	0.918096	-1.08921	0.327424	1.62332	1.62332	0.122922	2.22768	2.22768	0.0371724	3.1879	3.1879	0.295617	1.68161	1.68161	0.319364	0.6107	-1.63747	2.43746	8.86579	3.23316	1
cg03894103	PREPL;PREPL;PREPL;PREPL;PREPL;PREPL;PREPL;PREPL	0.112008	0.515468	0.683332	-1.46342	0.86677	1.10181	1.10181	0.508184	1.47343	1.47343	0.314009	0.548127	-1.82439	0.0233138	0.209044	-4.78369	0.096617	0.34881	-2.86689	0.0255773	0.216184	-4.62569	0.125793	0.38422	-2.60267	0.0874696	0.33644	-2.9723	2.43745	12.8708	4.6937	1
cg14813406	CDC14A;CDC14A;CDC14A	0.11201	0.901142	0.983214	-1.01707	0.336141	0.873628	-1.14465	0.105204	0.78572	-1.27272	0.117174	0.793074	-1.26092	0.191459	1.20731	1.20731	0.0857321	1.29526	1.29526	0.0437433	0.729222	-1.37132	0.692142	1.05571	1.05571	0.390962	1.1272	1.1272	2.43744	0.716365	0.261245	1
cg11360718	TM9SF4	0.11201	0.11856	0.454124	-2.20204	0.600561	0.781822	-1.27906	0.176957	0.512422	-1.95152	0.599947	0.781492	-1.2796	0.00943277	0.215908	-4.63161	0.170441	0.50656	-1.9741	0.0229948	0.281703	-3.54984	0.824038	0.90145	-1.10932	0.11661	0.451896	-2.2129	2.43743	8.37856	3.05551	1
cg16318688	EPHX4	0.11201	0.121599	0.330235	-3.02814	0.0989279	0.3029	-3.30142	0.189217	0.399246	-2.50472	0.564389	0.68069	-1.4691	0.0465537	0.22206	-4.50329	0.0983656	0.302182	-3.30926	0.0106512	0.12005	-8.32989	0.756815	0.814595	-1.2276	0.0771854	0.273304	-3.65893	2.43743	16.8246	6.13564	1
cg03555067	RICTOR	0.112011	0.50797	0.834048	-1.19897	0.287473	0.742	-1.34771	0.0297446	0.50098	-1.99609	0.616557	1.14615	1.14615	0.196785	1.44589	1.44589	0.887875	1.03885	1.03885	0.0367874	1.92593	1.92593	0.477594	0.822755	-1.21543	0.180595	0.681036	-1.46835	2.43742	2.81821	1.02776	1
cg01964925	DDX11;DDX11;DDX11	0.112013	0.101151	0.526937	-1.89776	0.0577549	0.464995	-2.15056	0.0674414	0.481279	-2.0778	0.0962641	0.521096	-1.91903	0.0496791	0.449726	-2.22358	0.0417582	0.432743	-2.31084	0.044973	0.439916	-2.27316	0.527548	0.795769	-1.25665	0.0959659	0.520733	-1.92037	2.43741	4.91711	1.7932	1
cg00027454	RP2	0.112016	0.0116146	0.397584	-2.51519	0.0313877	0.478027	-2.09193	0.41117	0.782164	-1.2785	0.0405248	0.500777	-1.9969	0.156529	0.642051	-1.55751	0.717352	0.899169	-1.11214	0.156426	0.641971	-1.5577	0.849339	0.945918	-1.05717	0.216725	0.683851	-1.46231	2.43737	3.29956	1.20332	1
cg14859460	GRM6	0.112018	0.922092	0.96851	-1.03251	0.00279839	3.84757	3.84757	0.282406	1.44104	1.44104	0.890279	0.955856	-1.04618	0.65716	0.864062	-1.15732	0.684045	1.1432	1.1432	0.951707	0.980384	-1.02001	0.553999	1.21629	1.21629	0.155494	1.64401	1.64401	2.43735	4.13004	1.5062	1
cg10805082	ABL2;ABL2;ABL2;ABL2;ABL2	0.112018	0.119821	0.697704	-1.43327	0.103525	1.46193	1.46193	0.333112	1.23732	1.23732	0.71556	1.08118	1.08118	0.271663	0.783434	-1.27643	0.716697	1.08083	1.08083	0.0122561	0.514028	-1.94542	0.422386	0.83963	-1.191	0.811692	1.05222	1.05222	2.43735	1.75612	0.640447	1
cg22909085	ACSL3;ACSL3	0.11202	0.797867	0.933297	-1.07147	0.385862	1.27013	1.27013	0.636871	0.879935	-1.13645	0.160742	1.4963	1.4963	0.126502	1.55991	1.55991	0.262001	0.730076	-1.36972	0.642235	1.13411	1.13411	0.01835	2.15931	2.15931	0.0921874	0.607391	-1.64638	2.43733	2.79291	1.01857	1
cg02131399	LRP1	0.112021	0.050971	0.426543	-2.34443	0.12714	1.88193	1.88193	0.483043	1.31418	1.31418	0.304474	0.665255	-1.50318	0.135412	0.53967	-1.85298	0.333749	0.682422	-1.46537	0.0543041	0.433022	-2.30935	0.0988342	0.499769	-2.00092	0.174892	0.575216	-1.73848	2.43733	5.67027	2.06794	1
cg10245910	FAM155A	0.112022	0.819131	0.96858	-1.03244	0.938059	1.01089	1.01089	0.0417672	1.38694	1.38694	0.897656	1.0181	1.0181	0.986778	0.997693	-1.00231	0.362446	0.877684	-1.13936	0.017865	0.669476	-1.49371	0.866747	0.976865	-1.02368	0.0799326	1.31104	1.31104	2.43732	0.749928	0.273498	1
cg00184235	TRIB1	0.112023	0.473316	0.869738	-1.14977	0.00348054	0.468243	-2.13564	0.505246	0.878651	-1.13811	0.476798	0.870724	-1.14847	0.816745	0.956553	-1.04542	0.0812782	0.690864	-1.44746	0.404117	0.849286	-1.17746	0.0865274	0.696067	-1.43664	0.235949	0.788472	-1.26828	2.43731	1.41349	0.5155	1
cg09747445	TLE3;TLE3;TLE3	0.112025	0.0541616	0.163771	-6.1061	0.977459	1.02367	1.02367	0.265811	0.382902	-2.61164	0.383889	0.477503	-2.09423	0.0191346	0.0956224	-10.4578	0.121493	0.249105	-4.01437	0.0258907	0.111949	-8.93266	0.752424	1.29951	1.29951	0.136522	0.265006	-3.7735	2.43729	26.4574	9.64913	1
cg22760475	HMGXB3;TIGD6;TIGD6	0.112025	0.326489	0.846318	-1.18159	0.475196	1.12705	1.12705	0.226142	1.23287	1.23287	0.0692422	0.715477	-1.39767	0.0832818	1.37137	1.37137	0.641921	1.08019	1.08019	0.0726707	0.719027	-1.39077	0.146142	1.29301	1.29301	0.35488	0.854903	-1.16972	2.43728	1.04728	0.381947	1
cg22559630	CTTNBP2	0.112028	0.143128	0.451284	-2.2159	0.979084	1.01334	1.01334	0.0833665	0.37941	-2.63567	0.466097	0.68727	-1.45503	0.0076603	0.176738	-5.65809	0.156619	2.15139	2.15139	0.773696	0.864352	-1.15694	0.377353	0.63254	-1.58093	0.525948	0.722574	-1.38394	2.43726	9.86868	3.59919	1
cg17586256	DLL1	0.11203	0.106835	0.366134	-2.73124	0.0897552	0.343887	-2.90793	0.010152	0.157172	-6.36244	0.138917	0.402901	-2.482	0.138103	0.402032	-2.48737	0.645228	0.767531	-1.30288	0.939151	0.957364	-1.04453	0.0541102	0.287202	-3.48187	0.794422	1.16071	1.16071	2.43724	12.5724	4.58529	1
cg05014846	FOXK1	0.11203	0.516989	0.850542	-1.17572	0.114335	1.52682	1.52682	0.245156	0.741162	-1.34923	0.423911	1.22291	1.22291	0.0200871	0.501052	-1.9958	0.0356224	0.547377	-1.82689	0.512039	0.848867	-1.17804	0.433031	0.82108	-1.21791	0.877906	1.03861	1.03861	2.43724	2.34348	0.854693	1
cg12520032	FNTB	0.112032	0.568105	0.921703	-1.08495	0.507444	0.909349	-1.09969	0.173436	1.22712	1.22712	0.691748	1.05793	1.05793	0.996688	1.00059	1.00059	0.00447884	1.70843	1.70843	0.934128	1.01175	1.01175	0.146037	1.24673	1.24673	0.56108	0.920306	-1.0866	2.43722	0.770789	0.281118	1
cg09763644	PIGR	0.112034	0.0589847	1.88627	1.88627	0.999524	1.00018	1.00018	0.177521	0.652807	-1.53185	0.170576	0.647723	-1.54387	0.0426266	2.00297	2.00297	0.520118	1.21412	1.21412	0.0778067	1.79186	1.79186	0.361656	1.32187	1.32187	0.553686	0.8367	-1.19517	2.4372	3.41854	1.2468	1
cg09916212	KCNQ1;KCNQ1	0.112034	0.129045	0.232179	-4.30702	0.998491	0.998318	-1.00168	0.854689	0.849414	-1.17728	0.509285	0.551012	-1.81484	0.0828317	0.180876	-5.52864	0.228944	0.324975	-3.07716	0.0145958	0.0687262	-14.5505	0.0197723	0.0816173	-12.2523	0.126365	0.229417	-4.35887	2.4372	30.5926	11.1577	1
cg24124753	GTF2E1;GTF2E1;RABL3	0.112035	0.592543	1.18479	1.18479	0.0372248	2.13635	2.13635	0.804984	0.925288	-1.08074	0.0853593	0.550467	-1.81664	0.487169	0.801244	-1.24806	0.347261	1.35498	1.35498	0.84225	1.06454	1.06454	0.0725074	0.533117	-1.87576	0.0977026	1.76887	1.76887	2.43719	3.80315	1.38708	1
cg05881753	CCDC135	0.112038	0.969205	0.990778	-1.00931	0.681205	0.905616	-1.10422	0.0667266	0.610563	-1.63783	0.62135	0.887368	-1.12693	0.616853	0.885978	-1.1287	0.00637524	0.426543	-2.34443	0.175077	1.41359	1.41359	0.643562	1.11833	1.11833	0.394738	0.811231	-1.23269	2.43716	2.22337	0.810912	1
cg24726938	EFR3B	0.112041	0.515453	0.881443	-1.1345	0.842864	1.03871	1.03871	0.21242	1.28572	1.28572	0.0191806	0.581426	-1.71991	0.600248	1.10648	1.10648	0.754169	0.941659	-1.06196	0.252763	0.795657	-1.25682	0.177071	1.31593	1.31593	0.0607202	1.49871	1.49871	2.43713	1.41339	0.515504	1
cg02329767	STARD4	0.112042	0.941135	0.971505	-1.02933	0.0186984	3.15943	3.15943	0.0214929	3.04412	3.04412	0.324734	0.670295	-1.49188	0.571131	0.798989	-1.25158	0.678092	1.17766	1.17766	0.185747	1.74057	1.74057	0.50259	1.30596	1.30596	0.469613	0.749217	-1.33473	2.58416	6.13904	1.84772	1
cg01443852	KRT71	0.112046	0.0320884	0.227967	-4.38661	0.329778	0.553082	-1.80805	0.129241	0.380856	-2.62566	0.407978	0.607494	-1.64611	0.00949781	0.144429	-6.92384	0.742609	0.823608	-1.21417	0.285549	0.520394	-1.92162	0.0410578	0.249515	-4.00777	0.23918	0.483901	-2.06654	2.43708	13.3849	4.88193	1
cg17900495	NHLH2;NHLH2	0.112049	0.0224899	8.20143	8.20143	0.918489	0.924218	-1.082	0.575775	1.54532	1.54532	0.530452	0.6131	-1.63106	0.454851	0.556524	-1.79687	0.821869	0.84063	-1.18958	0.919816	1.0806	1.0806	0.135608	3.44955	3.44955	0.0135171	10.5216	10.5216	2.43706	22.8763	8.34386	1
cg03393638	ATN1;ATN1	0.11205	0.0116253	0.66064	-1.51368	0.766604	0.961635	-1.0399	0.358163	1.13223	1.13223	0.0944625	0.785376	-1.27327	0.694337	0.949418	-1.05328	0.0453038	0.739491	-1.35228	0.432734	0.900126	-1.11096	0.199936	0.836978	-1.19477	0.532209	1.08671	1.08671	2.43705	0.666678	0.243164	1
cg22482215	CASP8AP2;CASP8AP2;CASP8AP2	0.11205	0.105486	0.489008	-2.04496	0.0989363	2.07873	2.07873	0.536038	1.28849	1.28849	0.800533	1.10783	1.10783	0.0445918	0.393447	-2.54164	0.115698	1.99703	1.99703	0.30466	1.53723	1.53723	0.30457	0.650466	-1.53736	0.272699	1.58689	1.58689	2.43705	6.31497	2.30332	1
cg00330518	SKI	0.11205	0.691283	0.757501	-1.32013	0.0248166	6.41618	6.41618	0.105075	3.4291	3.4291	0.365308	1.91022	1.91022	0.667698	0.74044	-1.35055	0.976089	1.02107	1.02107	0.0570118	0.223478	-4.47471	0.0951967	3.58105	3.58105	0.546201	1.52949	1.52949	2.43704	18.6863	6.81565	1
cg21172538	MRPS36	0.112051	0.397021	1.37952	1.37952	0.325139	1.4578	1.4578	0.105802	1.92593	1.92593	0.285909	0.662887	-1.50855	0.102797	0.515731	-1.93899	0.019646	0.35146	-2.84527	0.493292	0.772514	-1.29448	0.368366	1.40884	1.40884	0.782662	1.10803	1.10803	2.43704	5.31199	1.9375	1
cg02057912	TGFB3	0.112051	0.561384	1.37836	1.37836	0.424945	1.56088	1.56088	0.0138673	5.26708	5.26708	0.233476	1.97903	1.97903	0.685266	1.24939	1.24939	0.156561	2.28894	2.28894	0.888928	0.926483	-1.07935	0.0118312	5.57001	5.57001	0.126173	2.46991	2.46991	2.43704	11.5252	4.20371	1
cg00164301	C17orf101;C17orf101	0.112053	0.655116	1.15829	1.15829	0.351747	0.731089	-1.36782	0.094174	0.548019	-1.82475	0.730473	1.11966	1.11966	0.066851	0.510936	-1.95719	0.00742706	0.324007	-3.08635	0.281411	0.693574	-1.44181	0.583056	1.19864	1.19864	0.454237	0.77946	-1.28294	2.43701	4.12313	1.50389	1
cg06932616	GRIN2D	0.112054	0.736704	1.1777	1.1777	0.0595936	2.80243	2.80243	0.265294	1.75539	1.75539	0.894974	1.06611	1.06611	0.0277471	0.283376	-3.52888	0.175845	0.497762	-2.00899	0.419011	1.49218	1.49218	0.137298	2.17217	2.17217	0.329581	1.62854	1.62854	2.43701	9.06765	3.30739	1
cg01155023	C14orf133;AHSA1	0.112055	0.177818	0.755834	-1.32304	0.387267	1.18916	1.18916	0.03819	0.625219	-1.59944	0.442087	0.857937	-1.16559	0.831151	0.959116	-1.04263	0.369839	1.19726	1.19726	0.120191	0.719257	-1.39032	0.0401166	1.5899	1.5899	0.499971	0.874718	-1.14323	2.437	1.47503	0.538014	1
cg18141830	SLC35D3	0.112056	0.165957	3.83191	3.83191	0.0435565	8.25047	8.25047	0.213534	3.29054	3.29054	0.284927	2.74557	2.74557	0.205181	0.296567	-3.37191	0.641474	0.652845	-1.53176	0.0355194	9.25875	9.25875	0.738471	0.737349	-1.35621	0.0747281	6.08042	6.08042	2.43699	31.9135	11.6404	1
cg18334637	C10orf41;ZNF503	0.112056	0.814791	0.907475	-1.10196	0.00333538	0.191477	-5.22255	0.936006	1.03378	1.03378	0.24151	1.66072	1.66072	0.169321	0.545634	-1.83273	0.863366	1.07387	1.07387	0.900675	0.94965	-1.05302	0.726171	0.864606	-1.1566	0.765542	0.883612	-1.13172	2.43699	6.60734	2.41002	1
cg17418643	KIF2C	0.112058	0.555217	0.766076	-1.30535	0.845179	0.916399	-1.09123	0.0835099	0.425101	-2.35238	0.944144	1.03178	1.03178	0.0317425	0.324903	-3.07784	0.137411	0.489465	-2.04305	0.0154436	0.265278	-3.76963	0.976154	0.986741	-1.01344	0.0573577	0.382891	-2.61171	2.43697	7.6965	2.80731	1
cg01035170	C5orf49	0.11206	0.717937	1.17358	1.17358	0.0190304	3.49943	3.49943	0.158285	1.9455	1.9455	0.168597	1.91038	1.91038	0.0997728	0.451172	-2.21645	0.273187	1.65398	1.65398	0.336198	0.645616	-1.54891	0.137685	2.02462	2.02462	0.581159	1.27873	1.27873	2.43695	7.51449	2.74095	1
cg02974499	FAU;MRPL49	0.112062	0.668962	1.10317	1.10317	0.453702	1.19033	1.19033	0.792372	0.941556	-1.06207	0.376019	1.23046	1.23046	0.175222	0.719579	-1.3897	0.156872	0.707773	-1.41288	0.00590899	0.439522	-2.2752	0.631584	1.11659	1.11659	0.396083	0.820054	-1.21943	2.43693	2.01115	0.733581	1
cg26289295	MAL2	0.112063	0.923011	1.04385	1.04385	0.203367	1.81509	1.81509	0.18988	0.539841	-1.8524	0.834112	1.09759	1.09759	0.0086856	0.226508	-4.41485	0.16191	0.515249	-1.94081	0.121736	0.474818	-2.10607	0.793957	1.12324	1.12324	0.276681	0.605103	-1.65261	2.43692	7.60842	2.77524	1
cg01803925	PAX9	0.112064	0.72575	1.1555	1.1555	0.0941673	0.469918	-2.12803	0.384941	0.693806	-1.44133	0.831488	1.09139	1.09139	0.118287	2.00564	2.00564	0.43152	1.39022	1.39022	0.575609	0.79286	-1.26126	0.0117696	3.63705	3.63705	0.259441	1.62061	1.62061	2.43691	6.50007	2.37097	1
cg23354764	MYT1	0.112064	0.574194	1.3138	1.3138	0.540076	1.34743	1.34743	0.31954	1.63969	1.63969	0.140212	2.14442	2.14442	0.0255329	0.279236	-3.5812	0.155182	0.481294	-2.07773	0.463447	0.698541	-1.43155	0.073651	2.60819	2.60819	0.545547	0.745216	-1.34189	2.43691	8.9195	3.25348	1
cg12271800	ZBTB45	0.112065	0.922182	0.976112	-1.02447	0.719616	1.0933	1.0933	0.225357	1.37036	1.37036	0.977772	0.99313	-1.00692	0.260101	0.747763	-1.33732	0.818377	0.944674	-1.05857	0.00982062	2.24265	2.24265	0.0918196	1.58293	1.58293	0.177964	0.701738	-1.42503	2.43691	2.36313	0.861979	1
cg27456220	SLC24A6	0.112066	0.16987	1.54004	1.54004	0.807549	0.930459	-1.07474	0.419462	1.27587	1.27587	0.80179	0.928404	-1.07712	0.587686	0.850713	-1.17548	0.922975	0.971842	-1.02897	0.00425764	0.323139	-3.09464	0.374191	1.30918	1.30918	0.821636	0.935487	-1.06896	2.43689	3.36651	1.22798	1
cg10500406	CPSF4;PTCD1;CPSF4	0.112067	0.916851	0.970492	-1.03041	0.967961	1.01159	1.01159	0.271198	1.39176	1.39176	0.82433	0.938213	-1.06586	0.0553109	0.529702	-1.88785	0.131943	0.623819	-1.60303	0.0410609	0.500793	-1.99683	0.190926	1.49285	1.49285	0.12671	1.61541	1.61541	2.58389	3.29529	0.991918	1
cg02636834	PTGIR	0.112067	0.219257	0.81366	-1.22902	0.638982	1.07833	1.07833	0.979719	1.00407	1.00407	0.483526	0.892567	-1.12036	0.00385116	0.537073	-1.86194	0.935803	1.01294	1.01294	0.447355	1.13157	1.13157	0.903499	1.01955	1.01955	0.154728	0.78419	-1.2752	2.43688	0.983267	0.358661	1
cg18698699	DIP2C	0.112067	0.322175	1.38668	1.38668	0.0513333	0.492024	-2.03242	0.870656	0.949244	-1.05347	0.143355	1.65315	1.65315	0.769378	0.910303	-1.09854	0.790431	1.08887	1.08887	0.00985718	2.83652	2.83652	0.869247	1.05407	1.05407	0.946682	1.02161	1.02161	2.43688	3.94362	1.43849	1
cg13946860	RPN2;RPN2;C20orf132;RPN2;C20orf132;RPN2;C20orf132	0.112067	?	?	?	0.217751	0.379225	-2.63696	0.0332266	0.155461	-6.4325	?	?	?	0.615314	1.46066	1.46066	0.0786816	0.232145	-4.30766	?	?	?	0.203899	2.72576	2.72576	0.48237	0.586292	-1.70563	2.53137	14.9466	7.87275	1
cg25426716	GRAMD3	0.112068	0.0520756	0.654866	-1.52703	0.225647	0.783678	-1.27603	0.14768	0.742622	-1.34658	0.605785	0.90508	-1.10487	0.078323	1.45449	1.45449	0.0424578	0.639152	-1.56457	0.386995	1.18515	1.18515	0.582698	1.11216	1.11216	0.500205	0.877137	-1.14007	2.43687	1.41633	0.516629	1
cg24310785	QKI;QKI;QKI;QKI	0.112068	0.5135	1.23656	1.23656	0.132818	0.594714	-1.68148	0.0227006	0.417282	-2.39646	0.158636	1.62068	1.62068	0.720688	0.891327	-1.12192	0.936278	0.974703	-1.02595	0.187194	0.638933	-1.56511	0.0815243	1.85645	1.85645	0.734282	1.11536	1.11536	2.43687	3.96293	1.44554	1
cg25077654	PSMG1;PSMG1;PSMG1;PSMG1	0.11207	?	?	?	0.0423673	0.0463541	-21.5731	0.563693	0.496196	-2.01533	0.275054	4.0131	4.0131	?	?	?	?	?	?	0.108296	9.15781	9.15781	0.235149	4.61892	4.61892	0.203993	5.24019	5.24019	3.18759	43.8875	11.4735	1
cg09723536	PXDNL	0.112073	0.196274	1.31606	1.31606	0.266383	1.26208	1.26208	0.250006	0.785351	-1.27332	0.256028	0.787957	-1.2691	0.0461931	0.63184	-1.58268	0.952271	1.0121	1.0121	0.0362813	1.63115	1.63115	0.870091	1.03344	1.03344	0.267804	0.792936	-1.26114	2.43682	1.55915	0.568738	1
cg17438636	PRDM16;PRDM16	0.112075	0.862428	0.923224	-1.08316	0.8632	1.08267	1.08267	0.0755878	0.402122	-2.48681	0.565989	1.30634	1.30634	0.00723547	0.202679	-4.93392	0.0680567	0.39018	-2.56292	0.981914	0.989614	-1.0105	0.738825	1.16662	1.16662	0.737826	1.16734	1.16734	2.43681	8.18692	2.98639	1
cg24013378	ORAOV1	0.112076	0.0604173	0.338986	-2.94997	0.088118	0.382337	-2.6155	0.505878	0.708322	-1.41179	0.146523	0.451048	-2.21706	0.0122617	0.203146	-4.92257	0.0769578	0.366128	-2.73128	0.238283	0.532031	-1.87959	0.125726	0.428913	-2.33147	0.0569663	0.332714	-3.00558	2.4368	10.073	3.67439	1
cg11696975	SLC22A23;SLC22A23	0.112077	0.875857	0.969954	-1.03098	0.31465	1.22495	1.22495	0.175068	0.754707	-1.32502	0.551974	1.12459	1.12459	0.0651677	0.667641	-1.49781	0.351701	0.829428	-1.20565	0.0122241	1.83887	1.83887	0.912529	0.978786	-1.02167	0.855318	0.965011	-1.03626	2.43679	1.4695	0.536041	1
cg14523475	MIR941-3;MIR941-3;MIR941-2;MIR941-1;MIR941-3;MIR941-3;MIR941-2;DNAJC5;MIR941-2;MIR941-1	0.112079	0.11452	2.71692	2.71692	0.0408059	3.95488	3.95488	0.157996	2.40839	2.40839	0.121375	2.65896	2.65896	0.771691	1.18461	1.18461	0.146959	2.47529	2.47529	0.0168905	5.45812	5.45812	0.126318	2.61975	2.61975	0.0429181	3.88333	3.88333	2.43677	13.0857	4.77343	1
cg07544511	SIN3A;SIN3A	0.11208	0.0068929	0.468323	-2.13528	0.889293	1.03067	1.03067	0.337618	1.23911	1.23911	0.175163	0.731464	-1.36712	0.251684	0.771274	-1.29656	0.367223	0.818007	-1.22248	0.103934	0.680044	-1.47049	0.476234	1.17011	1.17011	0.964639	0.990431	-1.00966	2.43676	1.81521	0.662157	1
cg09452257	MIR940	0.112081	0.0200177	0.140869	-7.09881	0.107559	0.293356	-3.40882	0.097137	0.280458	-3.56559	0.244718	2.33903	2.33903	0.536656	1.54789	1.54789	0.443296	0.579377	-1.72599	0.711458	1.2962	1.2962	0.954755	1.04041	1.04041	0.0636853	0.23323	-4.28761	2.43675	18.8175	6.86435	1
cg07334313	C16orf46;C16orf46	0.112083	0.10968	0.586267	-1.70571	0.0101103	0.370234	-2.70099	0.169131	0.638548	-1.56605	0.279948	0.708989	-1.41046	0.049447	0.503339	-1.98673	0.405646	0.770657	-1.29759	0.369676	1.32591	1.32591	0.889639	0.958378	-1.04343	0.782728	1.08833	1.08833	2.43673	3.61836	1.31993	1
cg12116363	LOC255411;LOC255411	0.112084	0.987111	0.996236	-1.00378	0.0766243	0.631444	-1.58367	0.0479008	0.589802	-1.69548	0.0618922	0.612132	-1.63363	0.120672	0.675088	-1.48129	0.583279	1.13807	1.13807	0.529653	0.861879	-1.16026	0.177805	0.715849	-1.39694	0.0190599	0.515583	-1.93955	2.43672	2.10304	0.767166	1
cg16889054	TMEM132B	0.112084	0.880963	1.05161	1.05161	0.0973173	1.84238	1.84238	0.537683	1.23316	1.23316	0.207787	0.640139	-1.56216	0.0797218	1.92149	1.92149	0.311	1.42196	1.42196	0.0110956	2.91384	2.91384	0.114477	1.77987	1.77987	0.497047	1.26058	1.26058	2.43672	4.35277	1.58784	1
cg26540302	NRD1;NRD1	0.112084	0.0101072	0.608466	-1.64348	0.257192	0.834409	-1.19845	0.540773	1.09943	1.09943	0.558204	0.913337	-1.09489	0.184107	0.805975	-1.24073	0.912087	0.983234	-1.01705	0.133583	1.28109	1.28109	0.960067	1.00769	1.00769	0.0974589	0.756987	-1.32103	2.43672	0.904487	0.329948	1
cg01773306	TGOLN2	0.112086	0.481431	0.883329	-1.13208	0.150811	1.30596	1.30596	0.0892665	1.38383	1.38383	0.868847	0.971756	-1.02906	0.606568	0.913878	-1.09424	0.167379	0.774798	-1.29066	0.0301658	0.642768	-1.55577	0.25776	1.22721	1.22721	0.203079	1.2623	1.2623	2.4367	1.15992	0.423129	1
cg17809798	SNW1;C14orf178;C14orf178	0.11209	0.987886	1.00275	1.00275	0.0110116	1.78177	1.78177	0.0448991	1.51721	1.51721	0.407403	0.85772	-1.16588	0.0395697	1.53894	1.53894	0.58978	1.1036	1.1036	0.953971	1.01051	1.01051	0.765256	1.05573	1.05573	0.589261	1.10375	1.10375	2.43666	1.26572	0.461733	1
cg05287372	C3orf64	0.112092	0.241295	2.08657	2.08657	0.749083	1.21219	1.21219	0.963382	1.02791	1.02791	0.202031	2.2429	2.2429	0.925887	0.945736	-1.05738	0.0562752	3.65545	3.65545	0.0117341	6.60486	6.60486	0.02906	4.67718	4.67718	0.165634	2.42698	2.42698	2.43664	13.8764	5.06212	1
cg23656213	ENTPD6;ENTPD6	0.112093	0.217028	0.438808	-2.2789	0.57628	0.699051	-1.43051	0.452758	0.615651	-1.6243	0.558128	0.68689	-1.45584	0.00916963	0.122653	-8.15308	0.543248	0.67691	-1.4773	0.0146342	0.148628	-6.72819	0.104721	0.324815	-3.07867	0.187838	0.41268	-2.42318	2.43663	15.5198	5.66167	1
cg08294017	OBSL1	0.112095	0.210071	0.729895	-1.37006	0.510161	0.852791	-1.17262	0.751906	0.927189	-1.07853	0.957337	0.987329	-1.01283	0.0434016	0.574808	-1.73971	0.00856982	0.449621	-2.2241	0.236417	1.3441	1.3441	0.24922	0.750456	-1.33252	0.870025	1.03981	1.03981	2.43662	2.19272	0.799916	1
cg12229841	STAP2;STAP2	0.112096	0.911395	0.948733	-1.05404	0.478557	0.71134	-1.4058	0.782616	0.877427	-1.1397	0.247066	1.77218	1.77218	0.909832	0.947849	-1.05502	0.758605	1.15689	1.15689	0.00381818	6.32222	6.32222	0.099769	2.3462	2.3462	0.646674	1.24384	1.24384	2.43661	8.62565	3.14669	1
cg05785839	ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L	0.112096	0.438438	0.832118	-1.20175	0.239836	1.33136	1.33136	0.879092	1.03603	1.03603	0.274436	1.3027	1.3027	0.0118606	0.481686	-2.07604	0.590913	0.881456	-1.13449	0.840151	1.04808	1.04808	0.225165	1.34478	1.34478	0.0870303	0.6444	-1.55183	2.4366	2.08673	0.761254	1
cg06794744	TELO2	0.112102	0.0387318	0.511104	-1.95655	0.678705	1.12389	1.12389	0.681039	0.890572	-1.12287	0.574866	0.853078	-1.17223	0.0427426	0.519954	-1.92325	0.0203179	0.456401	-2.19106	0.840679	0.945125	-1.05806	0.267077	0.723103	-1.38293	0.0479012	0.530373	-1.88546	2.43655	3.03403	1.10686	1
cg09562426	FOLR1;FOLR1;FOLR1;FOLR1	0.112102	0.0727739	0.274529	-3.6426	0.0121644	0.132904	-7.52424	0.0629129	0.258911	-3.86234	0.42881	0.593537	-1.68482	0.116767	0.332687	-3.00583	0.38655	0.563695	-1.77401	0.133896	0.352038	-2.8406	0.033746	0.201642	-4.95929	0.32435	0.518236	-1.92962	2.43655	16.0951	5.87175	1
cg18194932	KCTD7;KCTD7	0.112103	0.143092	0.623352	-1.60423	0.532203	1.20927	1.20927	0.0358862	2.0816	2.0816	0.264216	0.705038	-1.41836	0.410494	1.28758	1.28758	0.112736	0.595415	-1.6795	0.712949	0.894961	-1.11737	0.37758	1.31247	1.31247	0.075363	1.81229	1.81229	2.43654	3.4806	1.26978	1
cg13044675	LTBP3;LTBP3;LTBP3	0.112109	0.0236225	22.0429	22.0429	0.0944736	8.19729	8.19729	0.324585	3.20365	3.20365	0.350994	3.00005	3.00005	0.540466	2.03243	2.03243	0.232784	4.18713	4.18713	0.0313951	17.9794	17.9794	0.0236635	22.0154	22.0154	0.0827933	9.01258	9.01258	2.43648	50.547	18.4408	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21350007	ZNF828;ZNF828;ZNF828	0.11211	0.0264405	0.621404	-1.60926	0.320319	1.20399	1.20399	0.443856	0.86838	-1.15157	0.0298871	1.58712	1.58712	0.871806	0.971228	-1.02962	0.297522	1.2156	1.2156	0.887635	0.974765	-1.02589	0.259664	1.23686	1.23686	0.355765	0.842211	-1.18735	2.43647	1.26114	0.460096	1
cg14168545	FOXO1	0.112111	0.827234	1.04591	1.04591	0.320876	0.810079	-1.23445	0.276857	0.792739	-1.26145	0.0222517	0.569669	-1.75541	0.0915731	1.4645	1.4645	0.628738	0.904789	-1.10523	0.0553134	1.56223	1.56223	0.516719	0.873707	-1.14455	0.952665	0.987883	-1.01227	2.43646	1.62737	0.59371	1
cg15358657	SPTLC2	0.112111	0.734866	1.07085	1.07085	0.737172	0.934422	-1.07018	0.711504	1.07767	1.07767	0.0121753	1.87603	1.87603	0.311935	0.810059	-1.23448	0.438091	1.17266	1.17266	0.0377467	1.62458	1.62458	0.108175	1.42324	1.42324	0.164057	1.34853	1.34853	2.43646	1.5648	0.570882	1
cg14517917	MRFAP1	0.112112	0.165397	0.829135	-1.20608	0.142057	0.818815	-1.22128	0.9395	0.990433	-1.00966	0.042193	1.34501	1.34501	0.0189746	1.43296	1.43296	0.877575	1.01971	1.01971	0.636769	0.941539	-1.06209	0.952461	0.992478	-1.00758	0.568687	1.07568	1.07568	2.43645	0.618873	0.225783	1
cg06320126	KDM2A;KDM2A	0.112112	0.900382	0.951421	-1.05106	0.683695	1.1769	1.1769	0.0961137	2.06811	2.06811	0.0542218	2.38393	2.38393	0.203895	0.586717	-1.7044	0.228907	1.65218	1.65218	0.168397	1.79258	1.79258	0.0144275	3.31665	3.31665	0.45366	1.35464	1.35464	2.43645	6.10164	2.22606	1
cg01953407	RPAP3;RPAP3;RPAP3	0.112114	0.125309	0.801453	-1.24773	0.0535763	1.3397	1.3397	0.251529	0.852303	-1.17329	0.254402	0.853198	-1.17206	0.700394	0.949727	-1.05293	0.593795	1.07446	1.07446	0.901012	0.983536	-1.01674	0.501496	1.09528	1.09528	0.0233279	1.43559	1.43559	2.43643	0.68675	0.250549	1
cg19498237	USP4;USP4;C3orf62	0.112114	0.223312	0.367182	-2.72345	0.338324	2.16594	2.16594	0.207932	2.82828	2.82828	0.310103	0.43937	-2.27599	0.432772	0.534273	-1.8717	0.177121	0.325208	-3.07496	0.0101666	0.0790166	-12.6556	0.640002	0.691535	-1.44606	0.331823	2.19017	2.19017	2.43643	23.6594	8.63172	1
cg08622666	RANBP9	0.112115	0.260894	0.601187	-1.66338	0.526674	0.757011	-1.32099	0.276713	0.612034	-1.6339	0.714824	1.17263	1.17263	0.00879175	0.235053	-4.25436	0.526192	1.32143	1.32143	0.39663	0.686132	-1.45745	0.0747951	2.36603	2.36603	0.554865	0.771672	-1.29589	2.43642	7.2669	2.65121	1
cg16507755	RUNX1;RUNX1	0.112115	0.249986	1.91152	1.91152	0.40242	1.58696	1.58696	0.231293	1.96733	1.96733	0.185222	2.13225	2.13225	0.0338826	3.79949	3.79949	0.573055	1.3592	1.3592	0.00493643	7.43811	7.43811	0.148892	2.30317	2.30317	0.300244	1.78341	1.78341	2.43642	11.2074	4.08885	1
cg23600944	PHACTR3;PHACTR3;PHACTR3	0.112118	0.475155	0.742242	-1.34727	0.0394974	2.65785	2.65785	0.034323	2.75487	2.75487	0.791529	0.896966	-1.11487	0.074403	0.442231	-2.26126	0.664509	1.19615	1.19615	0.901274	1.05226	1.05226	0.212543	0.583374	-1.71417	0.580727	0.795341	-1.25732	2.43639	6.5011	2.37185	1
cg04437990	ERBB2IP;ERBB2IP	0.112119	0.293676	0.741148	-1.34926	0.470199	1.2239	1.2239	0.0469364	1.86911	1.86911	0.114923	0.624108	-1.60229	0.244159	0.715272	-1.39807	0.437036	0.804093	-1.24364	0.0299258	2.01873	2.01873	0.823269	0.940336	-1.06345	0.882671	0.960201	-1.04145	2.43639	2.91835	1.06473	1
cg05521619	MAPK8IP2;MAPK8IP2	0.112119	0.65735	0.906767	-1.10282	0.305533	0.792474	-1.26187	0.360863	1.22866	1.22866	0.396098	1.20988	1.20988	0.0261377	0.560714	-1.78344	0.0356698	1.70915	1.70915	0.165661	0.723153	-1.38283	0.503206	1.16061	1.16061	0.865854	0.963613	-1.03776	2.43638	1.85456	0.676616	1
cg09412310	C19orf48;C19orf48	0.112121	0.125273	0.549044	-1.82135	0.325433	1.44328	1.44328	0.849463	1.07108	1.07108	0.357533	0.710404	-1.40765	0.0415833	0.427837	-2.33734	0.0300912	0.39781	-2.51376	0.437246	1.33157	1.33157	0.748576	1.12323	1.12323	0.195497	1.64004	1.64004	2.43637	5.03855	1.83828	1
cg22092606	SH3RF3	0.112123	0.405961	1.24929	1.24929	0.0177865	0.470295	-2.12633	0.30157	0.75563	-1.3234	0.950526	0.983887	-1.01638	0.591176	1.15252	1.15252	0.564586	0.858599	-1.16469	0.0545709	1.76987	1.76987	0.166459	1.47144	1.47144	0.354616	1.28314	1.28314	2.43635	2.64454	0.964846	1
cg05928537	COTL1	0.112124	0.0257348	0.575484	-1.73767	0.10248	0.688833	-1.45173	0.0493012	0.626206	-1.59692	0.0455103	0.61975	-1.61355	0.0619349	0.644996	-1.5504	0.25664	0.781147	-1.28017	0.256572	0.781117	-1.28022	0.928978	1.01877	1.01877	0.0782474	0.664905	-1.50397	2.43634	1.67917	0.61264	1
cg05309280	GORASP2	0.112125	0.310718	2.03527	2.03527	0.0142532	7.753	7.753	0.168808	2.70029	2.70029	0.236129	2.31892	2.31892	0.425128	0.575901	-1.73641	0.445862	1.69297	1.69297	0.0695117	0.252709	-3.95712	0.614829	0.709103	-1.41023	0.761443	1.22912	1.22912	2.43632	17.7121	6.46223	1
cg09648809	SLC6A19	0.112126	0.248492	1.56905	1.56905	0.263765	1.54498	1.54498	0.0127941	0.315142	-3.17317	0.785428	1.10728	1.10728	0.0662681	0.463366	-2.15812	0.312036	1.47776	1.47776	0.735394	1.13504	1.13504	0.505067	1.28732	1.28732	0.636367	0.837077	-1.19463	2.43631	5.38043	1.96305	1
cg04131431	LGR6;LGR6;LGR6	0.112131	0.151353	5.29571	5.29571	0.0508328	11.1584	11.1584	0.265831	3.51539	3.51539	0.0613663	9.82901	9.82901	0.344442	0.347897	-2.87441	0.187452	4.54803	4.54803	0.659658	1.61688	1.61688	0.0414383	12.8041	12.8041	0.0394995	13.2242	13.2242	2.43626	45.3582	16.5493	1
cg11015768	ST3GAL5	0.112132	0.20157	0.491033	-2.03652	0.0144924	4.89704	4.89704	0.0832686	2.74899	2.74899	0.271881	1.82795	1.82795	0.522439	0.710435	-1.40759	0.0748719	2.84706	2.84706	0.678894	1.24551	1.24551	0.626804	1.29488	1.29488	0.63418	0.776607	-1.28765	2.43626	10.732	3.91566	1
cg09126991	BTBD9;BTBD9	0.112134	0.29867	0.822684	-1.21553	0.0831406	0.706386	-1.41566	0.0947415	0.71696	-1.39478	0.0749674	0.698153	-1.43235	0.542763	0.894377	-1.1181	0.787244	1.05024	1.05024	0.0276194	1.60304	1.60304	0.916495	1.01918	1.01918	0.755758	1.05816	1.05816	2.43624	1.26672	0.462177	1
cg27286967	RAB1B	0.112136	0.617441	0.896594	-1.11533	0.101483	1.475	1.475	0.0306093	1.73432	1.73432	0.0860872	0.662924	-1.50847	0.930536	0.981279	-1.01908	0.206979	0.74941	-1.33438	0.180271	0.734603	-1.36128	0.378187	1.21651	1.21651	0.521401	0.868601	-1.15128	2.43622	1.81284	0.661438	1
cg16441900	NXN	0.112136	0.589846	0.764787	-1.30755	0.0183259	0.244003	-4.09832	0.272052	0.569297	-1.75655	0.548616	0.741504	-1.34861	0.0382445	0.306252	-3.26529	0.0972802	0.407928	-2.45141	0.0263221	0.27303	-3.6626	0.989773	0.993704	-1.00634	0.124986	0.441178	-2.26666	2.43622	9.36815	3.41811	1
cg03118021	GMDS	0.112137	0.58398	0.740851	-1.3498	0.676332	1.25576	1.25576	0.0737543	0.339182	-2.94827	0.649508	0.780227	-1.28168	0.213426	2.03538	2.03538	0.750473	1.18894	1.18894	0.0287219	0.246729	-4.05304	0.548328	1.39024	1.39024	0.0281398	0.245022	-4.08127	2.43621	11.3527	4.1422	1
cg03101492	SPIC	0.112139	0.205822	0.712829	-1.40286	0.60537	0.876161	-1.14134	0.28647	0.755212	-1.32413	0.153839	0.678909	-1.47295	0.618683	0.880497	-1.13572	0.0952012	0.628126	-1.59204	0.00337084	0.363692	-2.74958	0.951876	1.01543	1.01543	0.287345	0.755627	-1.32341	2.43619	2.48229	0.905707	1
cg00522288	AACS	0.112139	0.142853	0.519292	-1.9257	0.245198	0.603031	-1.65829	0.0137291	0.281442	-3.55313	0.765931	0.883181	-1.13227	0.0210564	0.31518	-3.17279	0.87892	0.938539	-1.06549	0.219847	0.584605	-1.71056	0.385229	1.44834	1.44834	0.998483	1.00079	1.00079	2.43619	6.68028	2.43743	1
cg18454454	FER	0.112139	0.476296	0.790982	-1.26425	0.378743	1.33959	1.33959	0.484268	1.25875	1.25875	0.435091	1.2941	1.2941	0.95678	0.982607	-1.0177	0.678689	0.873835	-1.14438	0.00341797	0.275865	-3.62496	0.569179	1.20474	1.20474	0.972108	0.988744	-1.01138	2.43619	4.04407	1.47555	1
cg00742040	SFRS3	0.112139	0.202	0.470298	-2.12631	0.0361494	3.91349	3.91349	0.177595	2.23072	2.23072	0.585297	1.36145	1.36145	0.584808	0.734209	-1.36201	0.373387	0.599478	-1.66812	0.0378512	0.259654	-3.85128	0.783366	0.85699	-1.16687	0.211374	0.478396	-2.09032	2.43619	12.0988	4.41448	1
cg05650680	MIR596	0.112141	0.319838	1.7077	1.7077	0.0132979	4.93756	4.93756	0.138112	2.29601	2.29601	0.911883	0.944001	-1.05932	0.376247	1.60434	1.60434	0.0806219	2.74206	2.74206	0.0350647	3.59059	3.59059	0.0732526	2.8289	2.8289	0.932674	0.956967	-1.04497	2.43617	10.4564	3.81524	1
cg20486246	FAM46B	0.112146	0.139747	0.508704	-1.96578	0.00683053	4.43878	4.43878	0.457534	1.3796	1.3796	0.194264	1.79341	1.79341	0.242821	1.68183	1.68183	0.326998	1.53788	1.53788	0.717204	1.16732	1.16732	0.235891	1.69611	1.69611	0.201396	1.77512	1.77512	2.43612	6.98033	2.54697	1
cg08342134	FCGBP	0.112147	0.0509443	0.236495	-4.22841	0.863859	0.894682	-1.11772	0.29393	0.493643	-2.02576	0.091281	0.299389	-3.34013	0.0471331	0.229206	-4.36288	0.05505	0.243994	-4.09847	0.0300347	0.191106	-5.2327	0.0507415	0.236116	-4.23521	0.300186	0.498476	-2.00612	2.43612	16.2243	5.9199	1
cg14010394	FAM166A	0.112148	0.359413	0.619482	-1.61425	0.0061124	6.16268	6.16268	0.24849	1.84605	1.84605	0.810691	0.885193	-1.1297	0.171625	0.477322	-2.09502	0.810228	0.884924	-1.13004	0.935321	0.959593	-1.04211	0.300317	0.579589	-1.72536	0.8936	0.934256	-1.07037	2.43611	9.96403	3.63568	1
cg13635431	RBPJL	0.112149	0.114843	2.8856	2.8856	0.835976	0.879738	-1.1367	0.0684349	3.52812	3.52812	0.193788	2.33906	2.33906	0.0446708	4.15619	4.15619	0.135773	2.70084	2.70084	0.0170708	6.03207	6.03207	0.077603	3.36116	3.36116	0.182669	2.39649	2.39649	2.4361	14.7372	5.37735	1
cg01930356	KIF5C	0.11215	0.294483	2.6675	2.6675	0.403226	2.16381	2.16381	0.715114	0.71836	-1.39206	0.383853	2.23836	2.23836	0.288539	0.370012	-2.70262	0.803042	1.25295	1.25295	0.00373157	34.2647	34.2647	0.196402	3.43019	3.43019	0.763899	1.31236	1.31236	2.43608	31.4161	11.4632	1
cg04592958	KDM4B	0.112152	0.0612505	4.51026	4.51026	0.186476	2.71914	2.71914	0.137113	3.13847	3.13847	0.0268263	6.50958	6.50958	0.832485	1.16333	1.16333	0.208259	2.57951	2.57951	0.0441876	5.21331	5.21331	0.0250306	6.71462	6.71462	0.168898	2.84902	2.84902	2.43606	19.683	7.18207	1
cg07134182	ILDR2	0.112157	0.413353	1.27945	1.27945	0.012995	2.48002	2.48002	0.172017	1.53479	1.53479	0.32994	1.34481	1.34481	0.00838109	2.69791	2.69791	0.176628	1.52693	1.52693	0.432801	1.26602	1.26602	0.541338	1.19985	1.19985	0.704138	1.11899	1.11899	2.43602	3.35004	1.22241	1
cg12595439	PTP4A1	0.112158	0.59721	1.12516	1.12516	0.0889729	0.660444	-1.51413	0.529144	0.868496	-1.15142	0.99204	0.997796	-1.00221	0.0105886	0.491175	-2.03594	0.38732	1.21648	1.21648	0.0461122	0.603271	-1.65763	0.908204	0.974814	-1.02584	0.677086	1.09704	1.09704	2.43601	1.88681	0.68849	1
cg07809589	MEIS1	0.11216	0.10012	0.209162	-4.78099	0.442537	0.50661	-1.97391	0.727101	0.737653	-1.35565	0.16435	0.275663	-3.62762	0.0211117	0.089952	-11.117	0.0782918	0.182913	-5.46709	0.0202596	0.0879434	-11.371	0.0587479	0.156588	-6.3862	0.263125	0.363055	-2.75441	2.43599	29.0999	10.6185	1
cg14604777	MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.112161	0.0495938	0.236722	-4.22437	0.124971	0.343615	-2.91023	0.607019	0.71627	-1.39612	0.104657	0.319568	-3.12922	0.023058	0.174117	-5.74325	0.16331	0.38404	-2.60389	0.0342134	0.204074	-4.90017	0.796687	1.18065	1.18065	0.111407	0.327814	-3.05051	2.43598	15.9614	5.82431	1
cg00261668	HSPB7	0.112162	0.0397561	0.281949	-3.54674	0.474649	0.678972	-1.47282	0.39772	0.63058	-1.58584	0.0949822	0.376417	-2.65663	0.0226305	0.233758	-4.27794	0.442249	0.65887	-1.51775	0.0317768	0.261771	-3.82013	0.0509912	0.306139	-3.2665	0.143478	0.432952	-2.30973	2.43597	10.9404	3.99215	1
cg00326559	KIAA0415	0.112163	0.0375256	0.411871	-2.42795	0.346994	0.700516	-1.42752	0.165545	0.58065	-1.72221	0.27063	0.65601	-1.52437	0.0500601	0.439885	-2.27332	0.0249722	0.375127	-2.66576	0.28897	0.667254	-1.49868	0.740437	0.884976	-1.12997	0.0225213	0.366284	-2.73012	2.43596	5.21215	1.90193	1
cg19413728	CADPS;CADPS;CADPS	0.112164	0.134575	0.524609	-1.90618	0.751526	0.88072	-1.13544	0.0416992	0.3911	-2.55689	0.916674	0.959017	-1.04273	0.0858833	0.468154	-2.13605	0.274803	1.57512	1.57512	0.171028	1.79111	1.79111	0.0498491	0.408826	-2.44603	0.351547	0.681564	-1.46721	2.43595	6.1685	2.25092	1
cg11235697	UQCRH	0.112166	0.532539	0.652449	-1.53269	0.573889	1.46786	1.46786	0.167201	0.369864	-2.7037	0.0614088	0.240867	-4.15167	0.0120919	0.120821	-8.27671	0.206754	0.406789	-2.45828	0.109479	0.307658	-3.25036	0.683186	1.3194	1.3194	0.0877498	0.279989	-3.57157	2.43593	17.6033	6.42358	1
cg23660611	PTPRS;PTPRS;PTPRS;PTPRS	0.112167	0.0746221	0.351013	-2.84889	0.146531	0.439758	-2.27398	0.880347	1.08264	1.08264	0.292854	1.7776	1.7776	0.206389	0.495307	-2.01895	0.31243	0.576467	-1.7347	0.0130497	0.197219	-5.0705	0.66512	0.794868	-1.25807	0.06602	0.337166	-2.96589	2.43592	10.7212	3.91225	1
cg13789303	FOXO3;FOXO3	0.112171	0.281973	0.662018	-1.51053	0.0345722	2.4821	2.4821	0.241847	1.57131	1.57131	0.317104	0.682827	-1.4645	0.210982	1.62611	1.62611	0.388056	1.38591	1.38591	0.205199	0.610737	-1.63737	0.134067	1.81494	1.81494	0.17391	0.586458	-1.70515	2.43588	5.25013	1.91585	1
cg08630881	BCYRN1;INGX	0.112172	0.0475787	0.242682	-4.12061	0.068146	0.279023	-3.58394	0.0546061	0.256008	-3.90612	0.700493	0.785421	-1.2732	0.258449	0.478615	-2.08936	0.0172892	0.163317	-6.12308	0.302835	0.513248	-1.94838	0.409133	1.69479	1.69479	0.62186	0.732948	-1.36435	2.43588	15.0661	5.49787	1
cg14014699	TMEM141	0.112172	0.262251	0.788134	-1.26882	0.335994	0.817045	-1.22392	0.194229	1.32277	1.32277	0.942388	0.985387	-1.01483	0.151623	0.731325	-1.36738	0.285832	0.797902	-1.25329	0.00523194	0.472233	-2.1176	0.628801	0.905549	-1.1043	0.866478	1.03487	1.03487	2.43587	1.60039	0.58401	1
cg17734946	GRID2IP	0.112175	0.0458732	2.46994	2.46994	0.196058	1.71627	1.71627	0.0208355	3.00104	3.00104	0.0151282	3.25199	3.25199	0.0860711	2.11567	2.11567	0.247812	1.61183	1.61183	0.40473	1.4005	1.4005	0.630204	1.21126	1.21126	0.591571	1.23862	1.23862	2.43585	6.02207	2.19757	1
cg08867254	MRPL17	0.112176	0.0555909	1.54909	1.54909	0.0616506	1.52912	1.52912	0.853667	1.03795	1.03795	0.223767	1.29418	1.29418	0.0942505	1.44943	1.44943	0.65851	1.09389	1.09389	0.0429181	0.624951	-1.60013	0.656771	0.913715	-1.09443	0.94112	0.985207	-1.01502	2.43584	1.57042	0.573078	1
cg01701819	SCAMP5	0.112176	0.632738	1.14544	1.14544	0.176988	0.667143	-1.49893	0.185653	0.673118	-1.48562	0.218985	0.694454	-1.43998	0.362384	1.30219	1.30219	0.131757	1.58228	1.58228	0.0632618	1.80249	1.80249	0.36771	1.29819	1.29819	0.0536357	1.8554	1.8554	2.43583	3.06894	1.11992	1
cg05795924	INPP4A;INPP4A;INPP4A;INPP4A	0.11218	0.4859	0.705278	-1.41788	0.478849	0.701161	-1.42621	0.302263	0.590381	-1.69382	0.0437475	0.318842	-3.13635	0.0503965	0.332958	-3.00338	0.738351	0.847627	-1.17976	0.00716006	0.18044	-5.542	0.0992792	0.410236	-2.43762	0.548622	0.741338	-1.34891	2.4358	9.38082	3.42332	1
cg13492331	FAM107B	0.112182	0.0886148	0.346649	-2.88476	0.0664178	0.313153	-3.19332	0.293401	0.54079	-1.84915	0.612158	0.74949	-1.33424	0.209976	0.474664	-2.10676	0.173165	0.441539	-2.26481	0.00823715	0.148662	-6.72667	0.0390652	0.260007	-3.84605	0.450815	0.648341	-1.5424	2.43578	12.2717	4.47829	1
cg04425458	KCNQ3;KCNQ3	0.112182	0.845174	1.02059	1.02059	0.010693	0.715703	-1.39723	0.496874	0.930611	-1.07456	0.585017	1.05917	1.05917	0.331452	1.11011	1.11011	0.196639	1.15295	1.15295	0.531912	0.936123	-1.06824	0.0564813	0.798423	-1.25247	0.767232	1.03143	1.03143	2.43577	0.419271	0.153005	1
cg21913681	TBX3;TBX3	0.112184	0.601109	1.28208	1.28208	0.594848	1.28769	1.28769	0.479517	1.40299	1.40299	0.255777	1.74865	1.74865	0.710938	1.19167	1.19167	0.468706	1.41521	1.41521	0.00496233	0.173382	-5.76761	0.362939	0.643738	-1.55343	0.428345	1.4636	1.4636	2.43576	8.56031	3.12394	1
cg08009116	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.112187	0.0675812	0.450019	-2.22213	0.362617	1.44029	1.44029	0.30684	0.661996	-1.51058	0.231062	0.61272	-1.63207	0.0209162	0.338371	-2.95533	0.677547	0.849551	-1.17709	0.0823627	0.472218	-2.11766	0.0351045	0.383971	-2.60436	0.260497	0.632788	-1.58031	2.43573	5.86504	2.14037	1
cg03847432	HECW1	0.112191	0.751613	0.872508	-1.14612	0.996363	0.998044	-1.00196	0.495116	0.742652	-1.34653	0.36792	0.672179	-1.4877	0.0190503	0.295525	-3.38381	0.01202	0.260412	-3.84007	0.133424	0.498922	-2.00432	0.726417	1.16286	1.16286	0.104439	0.466575	-2.14328	2.43569	7.11642	2.59709	1
cg16578737	ZFYVE1	0.112192	0.228025	0.750606	-1.33226	0.00840661	2.14507	2.14507	0.780101	1.06551	1.06551	0.890557	0.969268	-1.03171	0.638211	0.898186	-1.11335	0.233655	1.32724	1.32724	0.0852885	0.649649	-1.53929	0.714954	1.08672	1.08672	0.68495	1.09689	1.09689	2.43568	1.98294	0.723663	1
cg08116462	PAX6;PAX6;PAX6	0.112193	0.584418	1.41148	1.41148	0.0153099	6.40874	6.40874	0.0235882	5.40237	5.40237	0.900134	1.08149	1.08149	0.992541	0.994184	-1.00585	0.148729	2.62843	2.62843	0.474969	1.57355	1.57355	0.188862	2.38359	2.38359	0.244947	0.468175	-2.13595	2.43567	15.0192	5.4812	1
cg07336999	TCF25	0.112196	0.0293631	0.630048	-1.58718	0.230899	1.25388	1.25388	0.145273	1.32518	1.32518	0.449657	0.870508	-1.14875	0.666943	0.925021	-1.08106	0.025171	0.619207	-1.61497	0.651135	0.921322	-1.0854	0.525781	1.1227	1.1227	0.875299	1.02867	1.02867	2.43565	1.25008	0.456217	1
cg03832740	MKL1	0.112201	0.53703	0.845245	-1.18309	0.817774	1.06404	1.06404	0.555138	0.851686	-1.17414	0.245141	0.72109	-1.38679	0.0061823	0.382724	-2.61285	0.0998449	0.615671	-1.62424	0.3919	1.26609	1.26609	0.5354	0.844661	-1.18391	0.0759386	0.587878	-1.70103	2.4356	2.79069	1.01848	1
cg14765599	TRERF1	0.112202	0.17675	0.82805	-1.20766	0.307839	0.870487	-1.14878	0.32609	0.875264	-1.14251	0.0475875	0.742507	-1.34679	0.296246	0.86735	-1.15294	0.0247924	0.703902	-1.42065	0.0317162	0.718294	-1.39219	0.112222	0.796731	-1.25513	0.388457	1.12316	1.12316	2.43559	0.666025	0.243072	1
cg11552981	KIAA1530	0.112209	0.673359	0.777819	-1.28565	0.0406707	0.246463	-4.0574	0.118686	0.366509	-2.72845	0.829661	0.880136	-1.13619	0.0175885	0.180517	-5.53964	0.253715	0.493431	-2.02663	0.0273356	0.212826	-4.69867	0.762848	1.19643	1.19643	0.213943	0.460488	-2.17161	2.43552	13.5468	4.94415	1
cg18932540	STAG1	0.112211	0.0553603	1.29626	1.29626	0.672044	1.05219	1.05219	0.0729045	1.27	1.27	0.633838	1.05901	1.05901	0.0383094	1.33217	1.33217	0.219248	1.16691	1.16691	0.465074	0.915003	-1.09289	0.0969661	0.804398	-1.24317	0.33892	1.12499	1.12499	2.4355	0.550628	0.200963	1
cg06578434	SBNO2	0.112214	0.427157	0.656419	-1.52342	0.081817	2.72175	2.72175	0.349623	1.64856	1.64856	0.357369	0.611729	-1.63471	0.0212431	0.237437	-4.21164	0.950857	1.03252	1.03252	0.235451	0.524349	-1.90713	0.138052	2.29133	2.29133	0.379051	0.625903	-1.59769	2.43547	10.3984	3.7952	1
cg24410469	AGAP1;AGAP1	0.112215	0.202928	0.819955	-1.21958	0.866823	0.975518	-1.0251	0.148707	0.795532	-1.25702	0.159396	1.24867	1.24867	0.0367541	0.698846	-1.43093	0.855654	1.02726	1.02726	0.053069	1.38351	1.38351	0.472929	1.11384	1.11384	0.396789	1.13672	1.13672	2.43546	0.841302	0.307056	1
cg09022422	SLC6A11	0.112217	0.0171127	1.61154	1.61154	0.143244	0.772366	-1.29472	0.241701	1.22289	1.22289	0.741214	0.947037	-1.05592	0.151524	0.776996	-1.28701	0.295519	1.19497	1.19497	0.968957	0.99363	-1.00641	0.834681	0.966267	-1.03491	0.147403	0.774718	-1.29079	2.43544	1.03994	0.379559	1
cg12738079	AVPR2;AVPR2;AVPR2	0.112217	0.471703	1.27579	1.27579	0.0497287	0.474866	-2.10586	0.566448	1.21264	1.21264	0.409181	0.755155	-1.32423	0.310518	0.705315	-1.41781	0.0919744	0.539472	-1.85366	0.334861	1.3922	1.3922	0.244703	0.667062	-1.49911	0.0178842	0.383829	-2.60533	2.43544	4.26941	1.55825	1
cg06544369	THADA;THADA	0.112221	0.720559	0.938019	-1.06608	0.44986	1.14702	1.14702	0.0537098	1.47731	1.47731	0.869797	1.02965	1.02965	0.983423	0.996306	-1.00371	0.788039	0.953131	-1.04917	0.012172	0.573165	-1.7447	0.383972	0.85298	-1.17236	0.152265	1.31413	1.31413	2.4354	1.22395	0.446724	1
cg26355472	ATPAF1;ATPAF1	0.112222	0.259045	0.791499	-1.26343	0.458324	0.860744	-1.16179	0.869038	1.03331	1.03331	0.666578	0.917526	-1.08989	0.85224	0.963651	-1.03772	0.850511	0.963227	-1.03818	0.00686785	0.499038	-2.00386	0.269293	0.795766	-1.25665	0.0673338	1.50244	1.50244	2.4354	1.52096	0.555131	1
cg26230285	ATP10A	0.112223	0.853977	1.10474	1.10474	0.941282	0.960956	-1.04063	0.556547	1.37921	1.37921	0.00599083	0.143423	-6.97239	0.994958	1.00342	1.00342	0.159818	0.443955	-2.25248	0.986084	0.990615	-1.00947	0.097272	2.67472	2.67472	0.688006	0.803933	-1.24389	2.43539	11.2739	4.11485	1
cg09645772	TRIM52	0.112224	0.349448	0.883454	-1.13192	0.300339	0.871032	-1.14806	0.0818103	1.2816	1.2816	0.143128	1.2244	1.2244	0.6336	0.940089	-1.06373	0.645232	0.942102	-1.06146	0.439181	1.10684	1.10684	0.0104327	1.51414	1.51414	0.814074	1.03077	1.03077	2.43537	0.638409	0.233014	1
cg05829749	FBXO31;FBXO31	0.112225	0.891857	1.02116	1.02116	0.449553	1.12595	1.12595	0.014979	1.58483	1.58483	0.567951	1.09293	1.09293	0.526684	1.10379	1.10379	0.796645	0.961025	-1.04056	0.0786998	1.3507	1.3507	0.499718	0.899898	-1.11124	0.0548006	0.715107	-1.39839	2.43536	0.914144	0.333656	1
cg09861824	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.112225	0.227937	0.847186	-1.18038	0.0484649	1.34368	1.34368	0.207736	0.840242	-1.19013	0.0777675	0.77348	-1.29286	0.971358	1.00472	1.00472	0.467722	1.10167	1.10167	0.122039	1.24559	1.24559	0.5273	1.08755	1.08755	0.140854	0.81257	-1.23066	2.43536	0.662271	0.241724	1
cg22611120	PLA2G2A;PLA2G2A;PLA2G2A	0.11223	0.0496284	0.325824	-3.06914	0.0865756	0.387585	-2.58008	0.187514	0.496897	-2.01249	0.408883	0.655131	-1.52641	0.031042	0.281537	-3.55193	0.433379	0.670136	-1.49223	0.0113463	0.204502	-4.88993	0.153654	0.465399	-2.14869	0.525388	0.724546	-1.38017	2.43532	9.6692	3.52924	1
cg21370074	PDE1B	0.11223	0.96043	0.987783	-1.01237	0.0124667	2.16038	2.16038	0.66882	1.11251	1.11251	0.377656	0.799097	-1.25141	0.500412	0.844122	-1.18466	0.172482	1.43297	1.43297	0.222727	0.728005	-1.37362	0.177489	0.70112	-1.42629	0.203238	1.39481	1.39481	2.43531	2.36751	0.864141	1
cg07466463	EIF2C2;EIF2C2	0.112231	0.588826	1.80289	1.80289	0.0810066	8.08051	8.08051	0.0251247	17.7586	17.7586	0.740797	0.698705	-1.43122	0.0652027	0.106918	-9.35301	0.22812	0.255067	-3.92053	0.668094	0.627603	-1.59336	0.332877	2.94117	2.94117	0.567215	0.535477	-1.86749	2.43531	44.9881	16.4207	1
cg08313420	DAGLB;DAGLB	0.112231	0.551497	0.702548	-1.42339	0.0167822	5.53019	5.53019	0.129739	2.60943	2.60943	0.688412	1.26644	1.26644	0.0954664	0.34189	-2.92492	0.843965	0.890945	-1.1224	0.127135	0.380319	-2.62937	0.469165	1.53961	1.53961	0.655154	0.768426	-1.30136	2.43531	13.2436	4.83392	1
cg03987985	L1TD1;L1TD1	0.112234	0.445721	0.803429	-1.24466	0.216974	0.693669	-1.44161	0.448645	0.804601	-1.24285	0.45219	0.806018	-1.24067	0.00244596	0.305116	-3.27744	0.952161	0.983249	-1.01704	0.743065	1.09704	1.09704	0.719069	1.10706	1.10706	0.472544	0.814057	-1.22842	2.43528	3.05768	1.11607	1
cg16200736	PYROXD2	0.112234	0.529885	1.11495	1.11495	0.189999	0.788725	-1.26787	0.280943	0.825623	-1.21121	0.129229	0.755556	-1.32353	0.0318795	0.650506	-1.53727	0.116347	1.33879	1.33879	0.600326	0.913573	-1.0946	0.97656	0.994989	-1.00504	0.0395721	0.665644	-1.5023	2.43527	1.1276	0.411582	1
cg02775617	ARHGAP12	0.112235	0.685692	0.921105	-1.08565	0.778331	1.05866	1.05866	0.0844572	1.47035	1.47035	0.0221855	0.574745	-1.7399	0.0469023	1.58323	1.58323	0.175765	1.33747	1.33747	0.739365	0.934784	-1.06977	0.909075	1.02334	1.02334	0.604501	1.11131	1.11131	2.43527	1.57354	0.574352	1
cg25746764	ACBD3;ACBD3	0.112236	0.337476	1.51423	1.51423	0.0462242	0.38356	-2.60715	0.0515934	0.394699	-2.53357	0.145286	1.92746	1.92746	0.18775	0.556697	-1.79631	0.162089	0.534541	-1.87077	0.792192	1.11716	1.11716	?	?	?	0.909098	1.04909	1.04909	2.46009	6.09729	2.47848	1
cg10413475	SAMD12;SAMD12	0.112236	0.178631	0.464658	-2.15212	0.0144598	0.198597	-5.03532	0.0358988	0.270022	-3.7034	0.648971	0.782071	-1.27866	0.24702	0.522435	-1.91411	0.312028	0.570658	-1.75236	0.0215894	0.227657	-4.39258	0.913796	0.943573	-1.0598	0.255084	0.5287	-1.89143	2.43525	11.0963	4.05025	1
cg23715104	SLC13A4	0.112239	0.0598057	3.27324	3.27324	0.127772	2.50762	2.50762	0.188143	2.17849	2.17849	0.128213	2.50454	2.50454	0.244186	1.97439	1.97439	0.03789	3.83461	3.83461	0.316176	1.78353	1.78353	0.0152274	5.28109	5.28109	0.0533433	3.40569	3.40569	2.43523	12.0228	4.38845	1
cg16115454	C14orf138;C14orf138	0.112241	0.662053	0.884399	-1.13071	0.17192	0.666191	-1.50107	0.00522461	0.357293	-2.79882	0.673528	0.888375	-1.12565	0.646808	0.879094	-1.13753	0.108121	0.612848	-1.63173	0.203057	1.45545	1.45545	0.916371	1.02977	1.02977	0.523802	0.834888	-1.19777	2.43521	3.00907	1.09836	1
cg06210447	SHANK2	0.112242	0.411529	1.30891	1.30891	0.169522	0.625534	-1.59863	0.199098	1.54496	1.54496	0.833134	1.06998	1.06998	0.55309	1.21211	1.21211	0.324945	0.721899	-1.38524	0.298919	1.41221	1.41221	0.0149952	0.383394	-2.60828	0.155973	1.62679	1.62679	2.4352	3.96389	1.44689	1
cg15038664	ZNF347;ZNF347	0.112242	0.156638	0.780485	-1.28126	0.0422256	1.46636	1.46636	0.402615	1.15041	1.15041	0.777577	0.95473	-1.04742	0.80666	1.04093	1.04093	0.201252	1.24705	1.24705	0.364196	0.858531	-1.16478	0.324532	1.18108	1.18108	0.0187628	1.59335	1.59335	2.4352	1.03204	0.376712	1
cg22226527	CCDC114	0.112243	0.782452	0.846916	-1.18075	0.294674	1.92014	1.92014	0.062659	3.51652	3.51652	0.238113	2.09963	2.09963	0.718479	0.804685	-1.24272	0.659135	0.766081	-1.30534	0.0107316	6.8521	6.8521	0.047853	3.88841	3.88841	0.348024	1.786	1.786	2.43519	13.897	5.07265	1
cg12398330	ROBO3	0.112247	0.0836933	3.01926	3.01926	0.038859	3.97724	3.97724	0.26842	1.94529	1.94529	0.625008	0.752501	-1.3289	0.0385855	3.98734	3.98734	0.0740757	3.15526	3.15526	0.657028	0.772622	-1.29429	0.110021	2.73337	2.73337	0.100026	2.83012	2.83012	2.43515	12.8516	4.69116	1
cg10264188	KCNK4	0.112247	0.144785	0.531519	-1.8814	0.476108	1.33964	1.33964	0.421674	0.718034	-1.39269	0.51396	0.765596	-1.30617	0.155293	0.541359	-1.8472	0.395609	1.4206	1.4206	0.59243	1.24366	1.24366	0.0230714	0.334021	-2.99382	0.066688	2.29266	2.29266	2.43515	6.28061	2.29258	1
cg13437084	HADHB;HADHA;HADHA	0.11225	0.222322	0.663155	-1.50794	0.006832	0.325586	-3.07138	0.104189	0.566138	-1.76635	0.239397	1.48374	1.48374	0.815438	0.927852	-1.07776	0.975545	1.00987	1.00987	0.498449	1.24619	1.24619	0.594869	0.842066	-1.18755	0.233038	0.670002	-1.49253	2.43513	3.95572	1.44395	1
cg19830849	CELSR3	0.112251	0.411842	0.757482	-1.32016	0.340743	1.384	1.384	0.463657	1.28006	1.28006	0.0217105	0.401668	-2.48962	0.0401913	0.456245	-2.1918	0.257166	0.676077	-1.47912	0.146084	1.67616	1.67616	0.745747	0.897901	-1.11371	0.498911	0.796743	-1.25511	2.43511	4.22573	1.54252	1
cg10803283	NCLN	0.112252	0.680563	0.948277	-1.05454	0.458421	1.10171	1.10171	0.418786	0.899434	-1.11181	0.93823	1.00999	1.00999	0.313453	0.874808	-1.14311	0.417157	1.11224	1.11224	0.0038703	1.64739	1.64739	0.643721	0.941999	-1.06157	0.613024	0.936665	-1.06762	2.43511	0.634758	0.231706	1
cg00413097	C1orf227	0.112254	0.181385	1.39839	1.39839	0.031506	1.81501	1.81501	0.7075	1.09317	1.09317	0.0690631	0.618308	-1.61732	0.0955837	0.648763	-1.54139	0.45389	1.19758	1.19758	0.620806	0.888824	-1.12508	0.549319	0.866591	-1.15395	0.258842	0.75698	-1.32104	2.43509	2.1541	0.786321	1
cg05577434	GGT1;GGT1;GGT1;GGT1	0.112259	0.0581669	0.328087	-3.04797	0.360489	0.613036	-1.63123	0.0381984	0.28638	-3.49186	0.0499446	0.312314	-3.20191	0.017655	0.222596	-4.49245	0.251467	0.535991	-1.8657	0.216668	0.508309	-1.96731	0.0841377	0.369845	-2.70383	0.144148	0.441889	-2.26301	2.43503	10.4488	3.81426	1
cg25050372	GPSM3;NOTCH4	0.112262	0.843142	1.01911	1.01911	0.0538187	1.23269	1.23269	0.0637483	0.819436	-1.22035	0.0606778	0.817036	-1.22394	?	?	?	0.235563	0.888005	-1.12612	0.205897	0.880294	-1.13598	0.648693	1.0448	1.0448	0.675357	1.04107	1.04107	2.45983	0.316164	0.128531	1
cg08203824	3-Mar	0.112263	0.989015	1.00354	1.00354	0.966419	1.01088	1.01088	0.00700378	0.408187	-2.44986	0.280605	1.33399	1.33399	0.135762	0.661605	-1.51148	0.32039	0.768115	-1.30189	0.392482	1.25244	1.25244	0.177795	0.692145	-1.44478	0.332829	0.773607	-1.29265	2.435	2.54615	0.929463	1
cg08346735	STOX2	0.112263	0.593154	1.17173	1.17173	0.0193769	2.29536	2.29536	0.913093	0.968426	-1.0326	0.275724	1.39545	1.39545	0.0330328	2.08037	2.08037	0.350152	0.75381	-1.32659	0.755137	0.912162	-1.0963	0.151394	1.57106	1.57106	0.0731734	1.79898	1.79898	2.435	3.33052	1.2158	1
cg06453172	INPP5A	0.112263	0.269563	0.837161	-1.19451	0.248582	1.20496	1.20496	0.298782	1.18115	1.18115	0.789033	0.95939	-1.04233	0.732546	0.948352	-1.05446	0.0441225	0.699407	-1.42978	0.0202855	0.648816	-1.54127	0.108704	0.763025	-1.31057	0.710402	1.05935	1.05935	2.435	0.92163	0.336438	1
cg15716373	APOL1;APOL1;APOL1;APOL1	0.112264	0.0842584	0.230821	-4.33235	0.171029	0.326664	-3.06125	0.725298	0.76277	-1.31101	0.157187	0.313106	-3.1938	0.0238085	0.126112	-7.92948	0.199396	0.353192	-2.83132	0.0239649	0.126511	-7.90448	0.0880054	0.235706	-4.24257	0.0555187	0.189059	-5.28935	2.43499	22.7219	8.29459	1
cg23682934	GJC1;GJC1	0.112264	0.0498488	0.320229	-3.12277	0.304499	1.71828	1.71828	0.565854	1.34374	1.34374	0.202563	0.504174	-1.98344	0.0733045	0.361814	-2.76385	0.254909	0.546016	-1.83145	0.0220128	0.247019	-4.04827	0.221733	0.52007	-1.92282	0.209308	0.509853	-1.96135	2.43499	9.9934	3.64808	1
cg01467086	ZFP92	0.112265	0.0691769	2.31325	2.31325	0.661244	1.19947	1.19947	0.648383	1.20849	1.20849	0.222607	1.69664	1.69664	0.754284	0.878526	-1.13827	0.067731	2.32584	2.32584	0.0055637	4.4916	4.4916	0.229327	1.68254	1.68254	0.790749	1.11593	1.11593	2.43498	6.56113	2.39514	1
cg23162441	STK35	0.112266	0.924566	1.01063	1.01063	0.182639	0.853911	-1.17108	0.763658	1.03425	1.03425	0.089308	1.23271	1.23271	0.464306	1.08673	1.08673	0.618875	0.94554	-1.0576	0.0245917	0.741592	-1.34845	0.0573948	0.786614	-1.27127	0.390231	1.10331	1.10331	2.43497	0.480883	0.175547	1
cg07385362	UNKL	0.112266	0.184423	0.437904	-2.28361	0.364199	0.578729	-1.72793	0.866137	1.10402	1.10402	0.427165	0.621553	-1.60887	0.00838486	0.138713	-7.20915	0.0456708	0.260816	-3.83412	0.0559272	0.280789	-3.56139	0.829539	1.13481	1.13481	0.269617	0.509519	-1.96264	2.43497	13.2674	4.84328	1
cg22674798	PRDM16;PRDM16	0.112267	0.271092	0.807117	-1.23898	0.715152	1.07095	1.07095	0.319	0.824803	-1.21241	0.0258218	0.609586	-1.64046	0.14843	0.74834	-1.33629	0.0782328	1.44182	1.44182	0.444023	0.864207	-1.15713	0.128017	1.36033	1.36033	0.653768	0.919029	-1.08811	2.43496	1.34889	0.492417	1
cg16349331	HDAC1	0.112269	0.282488	1.45349	1.45349	0.769443	1.10342	1.10342	0.973861	0.989089	-1.01103	0.386106	1.34651	1.34651	0.0657197	0.500808	-1.99677	0.080198	0.522078	-1.91542	0.586609	1.20184	1.20184	0.0200525	2.55871	2.55871	0.487463	1.26646	1.26646	2.43494	4.32412	1.57854	1
cg23627475	ATIC	0.112271	0.420373	0.910809	-1.09792	0.0449877	1.29834	1.29834	0.279946	1.13594	1.13594	0.700185	0.957041	-1.04489	0.366335	0.900036	-1.11107	0.0698772	0.794514	-1.25863	0.0571249	1.27666	1.27666	0.188798	1.17117	1.17117	0.667455	1.05027	1.05027	2.43492	0.496633	0.1813	1
cg04613450	SCAND3	0.112271	0.301923	0.593503	-1.68491	0.372116	1.56363	1.56363	0.0274921	0.280296	-3.56766	0.830107	1.11051	1.11051	0.121413	0.440801	-2.2686	0.0726919	0.376524	-2.65588	0.312983	0.601034	-1.6638	0.0212956	0.259202	-3.858	0.422793	0.670718	-1.49094	2.43492	9.17684	3.35009	1
cg14089503	RAB11FIP1;RAB11FIP1	0.112272	0.247584	2.25434	2.25434	0.0061781	11.038	11.038	0.16104	2.73631	2.73631	0.360303	1.88209	1.88209	0.115009	3.16563	3.16563	0.751307	1.23836	1.23836	0.724255	0.78807	-1.26892	0.0531869	4.38015	4.38015	0.206828	2.44783	2.44783	2.43492	17.4361	6.36519	1
cg00176496	PITPNM3;PITPNM3	0.112273	0.0880771	1.62051	1.62051	0.684869	1.11031	1.11031	0.00525587	2.57017	2.57017	0.0508376	1.7693	1.7693	0.982016	1.0058	1.0058	0.334841	1.29057	1.29057	0.963395	1.01184	1.01184	0.29514	1.32109	1.32109	0.21803	1.3942	1.3942	2.4349	2.53661	0.926018	1
cg03790804	LOC348840	0.112276	0.720875	1.13936	1.13936	0.424413	0.743295	-1.34536	0.0195901	2.78894	2.78894	0.764128	1.11565	1.11565	0.996472	0.998394	-1.00161	0.706716	0.871568	-1.14736	0.0815974	0.495644	-2.01758	0.0327062	2.48119	2.48119	0.687071	1.15866	1.15866	2.43488	5.0997	1.86173	1
cg13464496	STX12	0.112277	0.424344	1.11661	1.11661	0.193306	0.830202	-1.20453	0.863564	0.977018	-1.02352	0.287319	0.86127	-1.16108	0.907062	1.01591	1.01591	0.798364	1.03521	1.03521	0.0115429	0.652455	-1.53267	0.368018	1.13314	1.13314	0.0739576	1.30894	1.30894	2.43486	0.704688	0.257258	1
cg05134013	SLCO4A1	0.112277	0.257609	1.60967	1.60967	0.24536	0.612863	-1.63169	0.129945	0.5173	-1.93312	0.228771	1.66354	1.66354	0.00911627	0.263198	-3.79942	0.810113	1.10186	1.10186	0.879234	0.940574	-1.06318	0.390578	1.42545	1.42545	0.879763	0.940828	-1.06289	2.43486	6.26118	2.28575	1
cg05719877	C11orf71;RBM7	0.112278	0.867165	1.0516	1.0516	0.788363	1.08422	1.08422	0.114284	1.67571	1.67571	0.0982122	1.72473	1.72473	0.601693	0.853621	-1.17148	0.366049	0.756474	-1.32192	0.947125	0.980266	-1.02013	0.728816	0.900687	-1.11026	0.00905424	0.369018	-2.70989	2.43486	3.48279	1.27146	1
cg05783135	GAB2	0.11228	0.242218	0.627134	-1.59455	0.778059	0.89788	-1.11373	0.727879	1.14244	1.14244	0.59827	0.816531	-1.22469	0.345816	0.690652	-1.44791	0.00735033	0.267909	-3.73261	0.185033	1.81519	1.81519	0.209572	1.65556	1.65556	0.914797	1.04164	1.04164	2.43484	5.60407	2.04588	1
cg20924286	CLDN11	0.112281	0.237151	0.65473	-1.52735	0.0379525	0.439156	-2.27709	0.645166	1.17183	1.17183	0.804298	0.918602	-1.08861	0.348631	0.718941	-1.39093	0.0940277	0.532789	-1.87691	0.00710619	0.304456	-3.28455	0.228215	0.648878	-1.54112	0.497828	0.790287	-1.26536	2.43482	4.50975	1.64639	1
cg06706876	PLLP	0.112283	0.0259816	4.17466	4.17466	0.732744	0.830816	-1.20364	0.38519	0.617909	-1.61836	0.69252	1.23976	1.23976	0.867662	0.913768	-1.09437	0.20833	2.04884	2.04884	0.164994	0.448916	-2.22759	0.0284038	4.05061	4.05061	0.270707	1.85912	1.85912	2.43481	11.2755	4.11641	1
cg07847944	IFIT5	0.11229	0.169465	0.759626	-1.31644	0.999774	1.00005	1.00005	0.763797	0.944963	-1.05824	0.65845	1.08716	1.08716	0.00424693	2.052	2.052	0.63658	0.914479	-1.09352	0.327112	1.20928	1.20928	0.376236	1.18598	1.18598	0.437592	1.16037	1.16037	2.43474	1.36059	0.496733	1
cg23945793	BCL6B	0.11229	0.216103	0.723347	-1.38246	0.163869	1.44717	1.44717	0.374322	0.797022	-1.25467	0.394504	1.24231	1.24231	0.6393	1.12462	1.12462	0.374749	0.797192	-1.2544	0.0107996	2.21808	2.21808	0.582305	0.870922	-1.14821	0.161023	1.4513	1.4513	2.43474	2.3868	0.871389	1
cg03039837	ASB13;ASB13	0.112292	0.95234	0.979153	-1.02129	0.105245	0.53586	-1.86616	0.0228501	0.382931	-2.61143	0.939446	0.973577	-1.02714	0.771886	0.902615	-1.10789	0.196762	0.618144	-1.61775	0.124157	1.79831	1.79831	0.0832334	1.96586	1.96586	0.863671	0.941224	-1.06245	2.43472	4.79054	1.74897	1
cg07486474	PDE6B;PDE6B	0.112294	0.0220094	0.129245	-7.73724	0.1364	0.30264	-3.30426	0.285747	0.437887	-2.28369	0.798683	1.20969	1.20969	0.0484716	0.186537	-5.36086	0.0423974	0.175336	-5.70334	0.311614	2.18081	2.18081	0.926551	0.933628	-1.07109	0.448775	0.562729	-1.77705	2.4347	21.3928	7.81032	1
cg13802583	RIMBP2	0.112294	0.375857	0.520405	-1.92158	0.0983105	3.68042	3.68042	0.243898	2.4018	2.4018	0.403636	0.541082	-1.84815	0.287427	0.452123	-2.21179	0.822112	0.850581	-1.17567	0.0140796	0.113251	-8.82992	0.126162	0.304462	-3.28448	0.396806	0.536022	-1.8656	2.4347	19.9162	7.27125	1
cg10256077	ANKRD11	0.112298	0.430262	0.827266	-1.2088	0.481307	1.18364	1.18364	0.905085	0.972295	-1.02849	0.6104	0.886009	-1.12866	0.0319319	0.553163	-1.80778	0.00958757	0.461863	-2.16514	0.244665	1.33197	1.33197	0.682611	0.907705	-1.10168	0.390693	0.812892	-1.23018	2.43467	2.13918	0.781007	1
cg24646841	PTPRN2;PTPRN2;PTPRN2	0.112299	0.0219044	0.623545	-1.60373	0.0723044	0.708579	-1.41128	0.0432977	0.670826	-1.4907	0.910209	1.01957	1.01957	0.136199	0.758981	-1.31756	0.831116	1.03736	1.03736	0.214238	1.25182	1.25182	0.517089	0.893313	-1.11943	0.344422	0.845969	-1.18208	2.43466	1.13757	0.415324	1
cg04546292	CREBL2	0.112302	0.895657	1.03739	1.03739	0.370426	0.773108	-1.29348	0.719065	1.10635	1.10635	0.0696616	0.566853	-1.76413	0.452772	0.807346	-1.23863	0.259459	1.38978	1.38978	0.0107308	0.407771	-2.45236	0.68702	1.11999	1.11999	0.215429	1.44023	1.44023	2.43463	3.01843	1.10204	1
cg01133446	ADORA1;ADORA1	0.112303	0.887717	1.05626	1.05626	0.0167025	3.10136	3.10136	0.176292	1.74533	1.74533	0.740993	1.13712	1.13712	0.876005	0.941301	-1.06236	0.0741167	2.16196	2.16196	0.0692054	2.19807	2.19807	0.0260168	2.78283	2.78283	0.887731	1.05625	1.05625	2.43462	5.78691	2.11282	1
cg13338685	PACRG;PACRG;PACRG	0.112304	0.197724	2.31936	2.31936	0.873037	0.905906	-1.10387	0.493533	1.53674	1.53674	0.0840071	3.25891	3.25891	0.124039	2.79878	2.79878	0.0704184	3.48866	3.48866	0.755928	1.21248	1.21248	0.0219957	5.46099	5.46099	0.0197079	5.69994	5.69994	2.4346	14.7225	5.37526	1
cg02890457	KIF2C	0.112305	0.543465	0.883647	-1.13167	0.0560507	0.647079	-1.54541	0.0144987	1.83276	1.83276	0.386534	0.836491	-1.19547	0.727839	1.0728	1.0728	0.967616	0.991867	-1.0082	0.583209	0.894529	-1.11791	0.577834	1.11973	1.11973	0.106718	0.701698	-1.42511	2.43459	1.55994	0.569547	1
cg01735503	MIR140;WWP2;WWP2	0.112307	0.0711901	1.84344	1.84344	0.123288	1.65973	1.65973	0.733439	0.901459	-1.10931	0.219351	1.47994	1.47994	0.943077	1.02191	1.02191	0.0315173	2.14984	2.14984	0.0121705	2.58123	2.58123	0.20201	1.50507	1.50507	0.503777	1.22863	1.22863	2.43458	3.55135	1.29664	1
cg06576393	SFRP5	0.11231	0.731838	1.09098	1.09098	0.010346	2.26525	2.26525	0.328274	1.29104	1.29104	0.339677	1.2829	1.2829	0.623594	0.882302	-1.1334	0.0194302	2.04484	2.04484	0.904114	0.969952	-1.03098	0.673189	0.898172	-1.11337	0.210136	1.397	1.397	2.43455	2.47107	0.902222	1
cg02101892	ZNF423	0.11231	0.177207	0.349429	-2.86181	0.0353759	6.02652	6.02652	0.975613	1.02266	1.02266	0.578317	0.66256	-1.5093	0.409686	0.53895	-1.85546	0.887292	0.901256	-1.10956	0.054391	0.201848	-4.95423	0.0681635	0.223724	-4.46979	0.125755	0.296823	-3.36901	2.43455	20.7233	7.56637	1
cg15590712	MORG1;MORG1;C19orf56;MORG1	0.112311	0.664419	0.939348	-1.06457	0.0168949	1.51856	1.51856	0.719173	1.05312	1.05312	0.269116	1.17937	1.17937	0.434444	1.12111	1.12111	0.0544572	0.731402	-1.36724	0.205947	0.825921	-1.21077	0.296394	0.856242	-1.16789	0.848159	0.972896	-1.02786	2.43454	0.792316	0.289287	1
cg07569151	TMC7;TMC7	0.112311	0.322502	1.35809	1.35809	0.13618	0.618222	-1.61754	0.308517	0.7293	-1.37118	0.885751	1.044	1.044	0.019509	0.429336	-2.32918	0.756361	0.911	-1.09769	0.0364571	2.07131	2.07131	0.999414	0.99978	-1.00022	0.875699	1.048	1.048	2.43454	3.45867	1.26282	1
cg04640677	PNPLA4;PNPLA4	0.112314	?	?	?	0.285972	4.94823	4.94823	0.144087	9.62613	9.62613	0.465688	2.91917	2.91917	0.564373	0.431369	-2.3182	0.502907	2.66731	2.66731	0.00680046	157.659	157.659	0.986883	0.976558	-1.02401	0.0704382	18.499	18.499	2.45932	72.0926	29.314	1
cg12117227	EXOC2	0.112316	0.413562	1.31301	1.31301	0.828435	0.931737	-1.07326	0.365219	1.35405	1.35405	0.385677	1.33607	1.33607	0.459472	0.782414	-1.2781	0.0236219	0.414607	-2.41193	0.0570729	2.01653	2.01653	0.0719699	1.92391	1.92391	0.551929	1.2166	1.2166	2.43449	4.09225	1.49418	1
cg22571393	ATP11A;ATP11A	0.112317	0.949167	1.02586	1.02586	0.571564	0.795346	-1.25731	0.174083	0.560393	-1.78446	0.471519	1.34089	1.34089	0.00414588	0.214531	-4.66134	0.277418	0.636097	-1.57209	0.783926	1.11637	1.11637	0.384707	1.42896	1.42896	0.932506	1.03451	1.03451	2.43448	6.18483	2.25823	1
cg26907438	C1orf57	0.112318	0.143445	0.623622	-1.60354	0.841301	1.06206	1.06206	0.707887	0.893101	-1.11969	0.0863209	0.566015	-1.76674	0.0102867	0.378603	-2.64129	0.227028	0.68322	-1.46366	0.0418218	0.494293	-2.02309	0.703326	0.891433	-1.12179	0.0844978	0.563744	-1.77385	2.43447	3.47833	1.27003	1
cg26677084	ST6GALNAC2	0.112318	0.0720356	0.566297	-1.76586	0.0800609	0.576976	-1.73317	0.112615	0.613178	-1.63085	0.27924	0.727186	-1.37516	0.592102	0.857991	-1.16551	0.0124158	0.41429	-2.41377	0.0834921	0.581284	-1.72033	0.421639	1.26171	1.26171	0.498394	0.823135	-1.21487	2.43447	3.09203	1.12898	1
cg16493566	FBXO5;FBXO5	0.112319	0.00571083	0.160966	-6.21247	?	?	?	0.779565	0.873398	-1.14495	0.954691	1.02778	1.02778	0.864517	1.08586	1.08586	0.871351	0.92481	-1.0813	?	?	?	0.825368	0.898891	-1.11248	0.109854	0.426629	-2.34396	2.63396	7.38668	2.8044	1
cg08615694	PTPRN2;PTPRN2;PTPRN2	0.112319	0.157353	0.373106	-2.68021	0.0081556	0.109952	-9.0949	0.110311	0.32154	-3.11003	0.525549	0.657435	-1.52106	0.068255	0.264184	-3.78523	0.174728	0.390175	-2.56296	0.0793532	0.280886	-3.56016	0.0826447	0.285582	-3.50162	0.683618	0.765562	-1.30623	2.43446	16.3902	5.9845	1
cg17580416	HSP90AB1	0.11232	0.0595443	0.44939	-2.22524	0.12078	0.531064	-1.88301	0.790881	0.904872	-1.10513	0.160705	0.569163	-1.75697	0.315512	0.676812	-1.47751	0.0650501	0.458784	-2.17968	0.0151332	0.325435	-3.07281	0.602383	1.2186	1.2186	0.077903	0.478603	-2.08942	2.43445	5.4548	1.9917	1
cg18653991	PIM2	0.11232	0.0180944	0.125324	-7.97932	0.441155	1.76516	1.76516	0.233372	0.40497	-2.46932	0.0379503	5.70233	5.70233	0.406281	0.540839	-1.84898	0.296625	0.457092	-2.18775	0.419409	0.550541	-1.8164	0.323523	0.478223	-2.09108	0.829153	0.855269	-1.16922	2.43445	20.1796	7.36818	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04603130	GNG7	0.112322	0.121528	0.232248	-4.30574	0.011249	0.0631741	-15.8293	0.0108301	0.0618342	-16.1723	0.460466	0.520196	-1.92235	0.432232	0.498027	-2.00792	0.495041	0.547397	-1.82683	0.151684	0.262924	-3.80337	0.355665	0.43765	-2.28493	0.341631	0.426472	-2.34482	2.43444	29.1646	10.6489	1
cg07477034	HLF	0.112326	0.986541	0.984855	-1.01538	0.0472547	7.79817	7.79817	0.127855	4.43436	4.43436	0.0189569	13.0737	13.0737	0.394517	0.454288	-2.20125	0.460462	1.97363	1.97363	0.650175	0.66161	-1.51147	0.878447	0.870692	-1.14851	0.0545086	7.19698	7.19698	2.43439	31.5601	11.5238	1
cg19620752	IGF1R	0.112327	0.345077	1.1972	1.1972	0.810164	0.956438	-1.04555	0.866906	0.969434	-1.03153	0.571096	0.899476	-1.11176	0.210564	0.783355	-1.27656	0.0100687	1.82408	1.82408	0.862958	1.03249	1.03249	0.0532976	0.666098	-1.50128	0.859841	0.967818	-1.03325	2.43439	1.32065	0.482221	1
cg20947268	RANGAP1	0.112328	0.169188	0.690632	-1.44795	0.572937	0.865928	-1.15483	0.120301	0.653215	-1.53089	0.00386055	0.373899	-2.67452	0.726233	1.0929	1.0929	0.865572	1.04375	1.04375	0.287721	0.75658	-1.32174	0.602887	0.875777	-1.14184	0.650428	1.1222	1.1222	2.43438	2.46229	0.899078	1
cg14724471	APCDD1L	0.112328	0.0105848	6.81364	6.81364	0.893413	0.923107	-1.0833	0.0634654	3.47485	3.47485	0.390887	1.68997	1.68997	0.395295	1.68137	1.68137	0.623443	0.744268	-1.3436	0.0498646	3.79997	3.79997	0.093814	3.00338	3.00338	0.338819	1.8012	1.8012	2.43438	13.7343	5.01495	1
cg18330338	SEMA5A	0.112329	0.791576	1.11492	1.11492	0.809776	0.905699	-1.10412	0.456289	1.36564	1.36564	0.452062	1.3698	1.3698	0.954187	1.02388	1.02388	0.0855069	2.18301	2.18301	0.0114927	3.66403	3.66403	0.0161635	3.34864	3.34864	0.246262	1.64547	1.64547	2.43436	6.50392	2.37486	1
cg06891006	WDR1;WDR1	0.112329	0.996567	1.00067	1.00067	0.0732169	1.36386	1.36386	0.0298885	1.48717	1.48717	0.0849963	1.34424	1.34424	0.87789	0.976401	-1.02417	0.522048	1.10604	1.10604	0.0314013	1.48007	1.48007	0.0385588	1.45097	1.45097	0.310953	1.17684	1.17684	2.43436	0.930178	0.339647	1
cg25758167	AGL;AGL;AGL;AGL;AGL	0.112329	0.628095	1.16499	1.16499	0.318357	1.38079	1.38079	0.214646	1.50484	1.50484	0.998333	0.999346	-1.00065	0.221116	0.668714	-1.49541	0.0140303	0.38717	-2.58284	0.955938	1.01744	1.01744	0.834408	0.936607	-1.06768	0.0418501	0.480075	-2.08301	2.43436	3.77363	1.37791	1
cg12457909	LOC646999	0.112331	0.0249142	0.122896	-8.13694	0.685136	1.37738	1.37738	0.754311	1.27966	1.27966	0.480947	1.7554	1.7554	0.0315219	0.137952	-7.24892	0.790727	0.811474	-1.23232	?	?	?	0.148225	3.38114	3.38114	0.69991	1.35555	1.35555	2.45916	21.3586	8.68534	1
cg11597131	HOXD9	0.112333	0.0514718	18.6603	18.6603	0.860248	1.26189	1.26189	0.672459	1.75295	1.75295	0.59502	0.492544	-2.03028	0.557636	2.18745	2.18745	0.487779	0.39437	-2.53569	0.0156759	49.8872	49.8872	0.0276358	31.102	31.102	0.358794	3.47469	3.47469	2.43432	67.172	24.5277	1
cg07060908	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.112335	0.397391	0.512598	-1.95085	0.448936	1.81315	1.81315	0.988723	0.98916	-1.01096	0.361976	0.485484	-2.0598	0.0106643	0.0841072	-11.8896	0.337732	0.466663	-2.14287	0.0158181	0.102303	-9.77493	0.991445	0.991765	-1.0083	0.336707	0.465862	-2.14656	2.43431	22.9286	8.37238	1
cg13701086	GRIN1;GRIN1;GRIN1	0.112335	0.371669	0.770482	-1.29789	0.0730558	0.566486	-1.76527	0.0513202	0.532195	-1.87901	0.908498	0.967846	-1.03322	0.0847051	0.581579	-1.71946	0.622897	0.868581	-1.1513	0.0358282	0.49947	-2.00212	0.120365	1.61433	1.61433	0.340111	0.756185	-1.32243	2.43431	3.11536	1.13758	1
cg23642250	TRIM31	0.112337	0.0952377	0.224182	-4.46065	0.1661	3.33554	3.33554	0.337262	0.446194	-2.24118	0.789618	0.804018	-1.24375	0.064458	0.183702	-5.44359	0.325027	0.436481	-2.29105	0.600485	0.64983	-1.53886	0.0610378	5.59629	5.59629	0.181716	3.17843	3.17843	2.43429	25.6535	9.36748	1
cg16219302	ZNF774	0.112338	0.102352	1.31125	1.31125	0.0488598	0.711082	-1.40631	0.0597724	0.724708	-1.37987	0.965609	1.00656	1.00656	0.0756571	0.741014	-1.3495	0.0650729	0.730537	-1.36886	0.908818	0.982783	-1.01752	0.36672	0.86887	-1.15092	0.44035	0.887559	-1.12669	2.43428	0.885852	0.323473	1
ch.3.2637085F	TMEM108;TMEM108	0.11234	0.0441637	0.242249	-4.12799	0.824749	0.872846	-1.14568	0.609987	0.729454	-1.37089	0.0351124	0.22197	-4.50511	0.00920792	0.131686	-7.59384	0.413616	0.598996	-1.66946	0.100701	0.332045	-3.01164	0.644971	0.752391	-1.3291	0.709082	0.794684	-1.25836	2.43426	14.4964	5.29347	1
cg11447854	KRTAP9-9;KRTAP9-4	0.112341	0.136483	3.06388	3.06388	0.203913	0.392254	-2.54937	0.0549344	0.218897	-4.56836	0.382724	1.86781	1.86781	0.489884	1.63157	1.63157	0.933117	1.06033	1.06033	0.0515587	0.212962	-4.69568	0.954371	0.96085	-1.04074	0.10093	3.50382	3.50382	2.43425	18.7801	6.85773	1
cg13990585	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.112342	0.104205	0.540764	-1.84923	0.391854	0.738147	-1.35474	0.594733	1.20422	1.20422	0.252587	1.51224	1.51224	0.00685816	0.297676	-3.35936	0.948357	1.02267	1.02267	0.938175	1.02721	1.02721	0.550872	1.23226	1.23226	0.227245	0.64486	-1.55072	2.43424	4.61789	1.68627	1
cg12217560	TNFRSF19;TNFRSF19	0.112342	0.0666245	0.418846	-2.38751	0.10271	0.469777	-2.12867	0.335442	1.52241	1.52241	0.328175	1.53275	1.53275	0.115571	0.484883	-2.06235	0.41206	0.701253	-1.42602	0.0175615	0.294416	-3.39655	0.294865	0.63148	-1.58358	0.803234	0.89975	-1.11142	2.43424	6.90279	2.52063	1
cg10623213	TMF1	0.112345	0.0713055	0.426241	-2.34609	0.307957	0.639707	-1.56322	0.0722032	0.427651	-2.33835	0.315851	0.644666	-1.55119	0.0160953	0.287417	-3.47926	0.0526153	0.393456	-2.54158	0.0370104	0.358688	-2.78794	0.767131	0.881865	-1.13396	0.200757	0.564359	-1.77192	2.43421	6.9092	2.523	1
cg04437233	RECQL5	0.112345	0.411368	1.27356	1.27356	0.0434296	0.512424	-1.95151	0.0275442	0.472248	-2.11753	0.103046	1.67095	1.67095	0.313853	0.740922	-1.34967	0.510329	1.21195	1.21195	0.441503	1.25349	1.25349	0.791615	0.926603	-1.07921	0.400784	0.780684	-1.28093	2.43421	3.19493	1.16668	1
cg04823311	TRIL	0.112346	?	?	?	0.189408	6.64972	6.64972	0.510873	0.402975	-2.48154	0.527911	2.39067	2.39067	0.135805	0.111831	-8.94208	0.545254	2.30329	2.30329	0.101279	11.5355	11.5355	0.0203832	45.1379	45.1379	0.377645	0.291204	-3.43402	2.459	64.2999	26.1487	1
cg24382070	LGI3	0.11236	0.052383	3.58201	3.58201	0.366945	1.70921	1.70921	0.839405	1.12452	1.12452	0.0950751	2.88866	2.88866	0.237365	2.04606	2.04606	0.191448	2.22523	2.22523	0.0189244	5.17508	5.17508	0.112113	2.71971	2.71971	0.0218999	4.90627	4.90627	2.43407	12.8945	4.70891	1
cg17693270	DGAT2L6	0.11236	0.0414516	2.95275	2.95275	0.664256	1.22273	1.22273	0.896101	0.941616	-1.062	0.898191	0.942764	-1.06071	0.0437493	0.343934	-2.90754	0.760586	0.868731	-1.1511	0.0218768	3.54868	3.54868	0.619606	1.25912	1.25912	0.930199	0.960463	-1.04116	2.43406	8.17301	2.98468	1
cg10919177	ZNF445	0.112361	0.115019	0.613755	-1.62931	0.48079	0.815344	-1.22648	0.808412	0.933141	-1.07165	0.734649	1.10176	1.10176	0.0334191	0.492627	-2.02993	0.424668	0.79275	-1.26143	0.0312381	0.486758	-2.05441	0.0152189	0.427782	-2.33764	0.720098	0.902581	-1.10793	2.43406	3.12807	1.14233	1
cg25122941	VPS39	0.112365	0.778052	1.06223	1.06223	0.307712	1.25304	1.25304	0.00251912	2.45014	2.45014	0.973074	1.00724	1.00724	0.702814	1.08534	1.08534	0.625799	1.1107	1.1107	0.289052	1.26505	1.26505	0.127604	1.42184	1.42184	0.923081	0.979579	-1.02085	2.43402	1.7594	0.642519	1
cg18181923	BCL11B;BCL11B	0.112365	0.29962	0.576709	-1.73398	0.00636362	0.162282	-6.16211	0.0590558	0.335716	-2.9787	0.584846	1.32642	1.32642	0.101959	0.399881	-2.50075	0.822586	0.891375	-1.12186	0.156378	0.46009	-2.17349	0.320417	0.591149	-1.69162	0.774189	0.863044	-1.15869	2.43402	10.1069	3.69097	1
cg04528632	MCM5	0.112365	0.437582	1.11073	1.11073	0.0741118	1.30208	1.30208	0.128224	1.24369	1.24369	0.518412	0.916833	-1.09071	0.0569575	1.33069	1.33069	0.563791	1.08047	1.08047	0.0737632	0.767705	-1.30258	0.986812	1.00219	1.00219	0.065718	1.31508	1.31508	2.43402	0.678064	0.247624	1
cg15607449	RPL13AP5;RPL13A	0.112365	0.122617	7.70138	7.70138	0.148959	6.58998	6.58998	0.602053	1.88682	1.88682	?	?	?	0.227009	4.66466	4.66466	0.17618	5.75185	5.75185	0.332455	0.297996	-3.35575	0.984188	1.02417	1.02417	0.0258574	0.0377509	-26.4894	2.60425	52.1262	17.5139	1
cg22646324	ADRA2C	0.112365	0.0401932	0.705141	-1.41816	0.984867	0.997209	-1.0028	0.779341	1.04226	1.04226	0.0241723	1.48606	1.48606	0.623243	1.0757	1.0757	0.798067	1.03851	1.03851	0.403531	0.88164	-1.13425	0.131029	1.2716	1.2716	0.130035	1.27252	1.27252	2.43402	0.83719	0.305736	1
cg15719652	HTRA1	0.112366	0.267153	1.68096	1.68096	0.0883788	0.429703	-2.32719	0.292902	1.63266	1.63266	0.359427	1.52705	1.52705	0.0287206	0.313764	-3.18711	0.470569	1.39066	1.39066	0.081367	2.38199	2.38199	0.432908	1.43268	1.43268	0.502542	1.3576	1.3576	2.43401	7.78081	2.84152	1
cg09147372	MAPK15	0.112369	0.280352	0.818555	-1.22167	0.0433515	1.51375	1.51375	0.233173	1.24987	1.24987	0.664644	1.08093	1.08093	0.402127	1.16532	1.16532	0.0390797	0.653059	-1.53126	0.962472	0.99164	-1.00843	0.168185	0.76949	-1.29956	0.22472	0.796499	-1.25549	2.43399	1.22716	0.448157	1
cg02264038	RRAS2;RRAS2;RRAS2	0.112372	0.291035	1.20469	1.20469	0.49795	1.12405	1.12405	0.240575	1.23222	1.23222	0.00659978	0.549123	-1.82109	0.252361	0.816104	-1.22533	0.784621	1.04766	1.04766	0.808965	1.04202	1.04202	0.46747	1.13389	1.13389	0.35704	0.851298	-1.17468	2.43395	1.11351	0.406659	1
cg22564317	PTEN;KILLIN;KILLIN	0.112374	0.677626	0.959728	-1.04196	0.813101	1.02356	1.02356	0.47028	0.930324	-1.07489	0.250114	0.888542	-1.12544	0.121169	0.847691	-1.17968	0.186172	1.14776	1.14776	0.00620525	0.704085	-1.42028	0.197039	0.874504	-1.14351	0.893969	0.986974	-1.0132	2.43393	0.372682	0.136106	1
cg01730859	FAM19A5;FAM19A5	0.11238	0.849783	1.06653	1.06653	0.0530281	2.11031	2.11031	0.989843	0.995685	-1.00433	0.0632001	0.491749	-2.03356	0.0522033	0.4723	-2.1173	0.297271	0.692764	-1.44349	0.318758	0.704668	-1.41911	0.146167	1.69881	1.69881	0.634932	0.850037	-1.17642	2.43388	4.44801	1.62448	1
cg17969579	TNKS	0.112387	0.0232064	0.237219	-4.21552	0.234314	0.516326	-1.93676	0.101828	0.386918	-2.58453	0.401586	0.63433	-1.57647	0.0422116	0.289157	-3.45833	0.403007	0.635243	-1.5742	0.0144411	0.202239	-4.94465	0.227104	0.510518	-1.9588	0.159791	0.450943	-2.21758	2.43381	10.8359	3.95753	1
cg05054468	IGDCC3	0.112388	0.0956143	1.36081	1.36081	0.271862	1.21227	1.21227	0.40966	1.15247	1.15247	0.0111333	1.7084	1.7084	0.103307	1.34968	1.34968	0.831989	1.0364	1.0364	0.110209	0.746041	-1.34041	0.758153	1.05335	1.05335	0.812108	1.04089	1.04089	2.4338	1.09175	0.398735	1
cg06952534	CFHR5	0.112388	0.106487	1.39173	1.39173	0.673352	0.923565	-1.08276	0.0964521	0.710154	-1.40815	0.0429715	1.54774	1.54774	0.0579632	1.49472	1.49472	0.169869	1.31546	1.31546	0.333368	1.20578	1.20578	0.17019	1.31516	1.31516	0.32226	1.21137	1.21137	2.4338	1.35563	0.495114	1
cg07242931	MAN1C1	0.11239	0.0419665	0.374504	-2.6702	0.498584	0.749856	-1.33359	0.0866734	0.452507	-2.20991	0.0271074	0.334113	-2.993	0.248177	0.60298	-1.65843	0.65468	0.828077	-1.20762	0.0221679	0.316894	-3.15563	0.740087	1.1497	1.1497	0.141679	0.515739	-1.93896	2.43378	6.76837	2.47201	1
cg05621273	ATMIN	0.11239	0.375621	1.13054	1.13054	0.711328	0.951078	-1.05144	0.00748499	1.59135	1.59135	0.37306	0.883917	-1.13133	0.773802	0.961862	-1.03965	0.255201	1.17385	1.17385	0.110226	0.790656	-1.26477	0.579424	0.92724	-1.07847	0.588617	1.07646	1.07646	2.43378	0.701848	0.256335	1
cg09420665	KIAA1279;KIAA1279	0.112391	0.823409	1.04147	1.04147	0.119127	1.36	1.36	0.0721592	1.44031	1.44031	0.109678	0.728303	-1.37306	0.0687874	1.44814	1.44814	0.362983	1.18527	1.18527	0.0991583	0.719907	-1.38907	0.844253	1.03641	1.03641	0.436736	0.865683	-1.15516	2.43377	1.27395	0.465288	1
cg13628514	TRPV4;TRPV4	0.112393	0.32765	1.67552	1.67552	0.404569	1.54592	1.54592	0.25262	1.84111	1.84111	0.0637557	2.89943	2.89943	0.0122952	4.91672	4.91672	0.0169167	4.42909	4.42909	0.644269	1.26807	1.26807	0.103914	2.47993	2.47993	0.44936	1.48255	1.48255	2.43375	10.0567	3.67305	1
cg14385008	TTC15	0.1124	0.240847	3.03583	3.03583	0.0146872	15.1279	15.1279	0.0112724	17.6503	17.6503	0.22218	3.19093	3.19093	0.609994	0.627973	-1.59242	0.671301	1.47116	1.47116	0.208981	3.31267	3.31267	0.302736	2.6261	2.6261	0.411196	2.13824	2.13824	2.43369	31.5267	11.5149	1
cg04122161	SCYL3;SCYL3	0.112401	0.458901	0.864526	-1.1567	0.0936497	0.700557	-1.42744	0.0454259	0.642155	-1.55726	0.00990802	0.533167	-1.87558	0.0618871	0.666411	-1.50058	0.600584	0.903055	-1.10735	0.100061	0.706222	-1.41599	0.846391	0.963255	-1.03815	0.215254	0.77741	-1.28632	2.43368	1.43612	0.524537	1
cg01851208	C10orf58	0.112405	0.365219	0.847647	-1.17974	0.173036	0.772906	-1.29382	0.536102	0.894658	-1.11775	0.245447	1.2409	1.2409	0.420716	1.15736	1.15736	0.0140891	1.71323	1.71323	0.0808031	0.708928	-1.41058	0.800601	0.956033	-1.04599	0.91099	0.980328	-1.02007	2.43364	1.2166	0.444364	1
cg02360478	SLC25A33	0.112405	0.697959	1.07277	1.07277	0.264767	0.811104	-1.23289	0.838353	0.963875	-1.03748	0.567259	1.10978	1.10978	0.300605	1.21313	1.21313	0.757084	0.945646	-1.05748	0.00330882	2.05574	2.05574	0.307911	1.20938	1.20938	0.729372	1.06456	1.06456	2.43364	1.25055	0.456766	1
cg23894948	SLC7A4	0.112407	0.0679171	2.00488	2.00488	0.018334	2.6479	2.6479	0.959826	0.98301	-1.01728	0.16433	1.65661	1.65661	0.709197	1.13592	1.13592	0.381791	1.35683	1.35683	0.0465912	2.17116	2.17116	0.0348992	2.30794	2.30794	0.136385	1.72618	1.72618	2.43362	4.46059	1.62925	1
cg04989813	EBF3	0.112408	0.811854	1.04798	1.04798	0.0853598	1.45322	1.45322	0.00317009	2.20826	2.20826	0.962861	1.00919	1.00919	0.817163	1.04657	1.04657	0.528256	1.1338	1.1338	0.48158	1.15095	1.15095	0.65599	0.915657	-1.09211	0.716152	0.930748	-1.0744	2.4336	1.4887	0.543757	1
cg18939543	SYP	0.112416	0.0682786	0.332931	-3.00362	0.012354	0.18671	-5.3559	0.663446	0.789862	-1.26604	0.42305	1.55405	1.55405	0.0383131	0.274375	-3.64465	0.141735	0.426902	-2.34246	0.635239	0.773017	-1.29363	0.879839	0.921731	-1.08491	0.885171	1.08096	1.08096	2.43353	11.1873	4.08635	1
cg06546571	PARD3	0.112418	0.647596	1.13985	1.13985	0.354186	0.76254	-1.31141	0.182358	0.668631	-1.49559	0.371508	1.29818	1.29818	0.616682	0.866292	-1.15435	0.490245	0.819291	-1.22057	0.0113576	2.46301	2.46301	0.0969642	0.595632	-1.67889	0.451855	0.804128	-1.24358	2.43351	3.11756	1.13875	1
cg02697115	EBF3	0.112419	0.0579943	1.39152	1.39152	0.773952	1.0454	1.0454	0.902899	0.981358	-1.019	0.862397	1.02711	1.02711	0.173735	1.24999	1.24999	0.919025	0.984444	-1.0158	0.0174672	0.640144	-1.56215	0.0988718	0.756551	-1.32179	0.794033	1.04116	1.04116	2.4335	0.916162	0.334648	1
cg19243130	SIAE;SPA17	0.112419	0.634514	1.09838	1.09838	0.0731249	1.47936	1.47936	0.461961	1.15804	1.15804	0.797236	1.05174	1.05174	0.129999	1.37777	1.37777	0.982882	0.995805	-1.00421	0.0779941	0.681319	-1.46774	0.0246257	0.591908	-1.68945	0.961255	0.990526	-1.00956	2.4335	1.4797	0.540493	1
cg22867629	BDKRB2	0.112421	0.0915816	0.45093	-2.21764	0.00903959	0.241083	-4.14795	0.0499832	0.383543	-2.60727	0.610482	0.802323	-1.24638	0.0365619	0.352895	-2.8337	0.2731	0.613242	-1.63068	0.468818	0.729075	-1.3716	0.379166	0.67923	-1.47225	0.891089	0.942957	-1.06049	2.43349	7.08382	2.58753	1
cg25067197	SLC39A11;SLC39A11	0.112423	0.795408	1.07539	1.07539	0.129442	1.58134	1.58134	0.0456138	1.89868	1.89868	0.250402	0.714646	-1.39929	0.325484	1.32843	1.32843	0.186034	0.67557	-1.48023	0.0413381	0.517753	-1.93142	0.532099	0.837754	-1.19367	0.681814	0.891086	-1.12223	2.43347	3.01573	1.10157	1
cg03718380	CDK6;CDK6;CDK6	0.112424	0.558855	0.918334	-1.08893	0.884666	0.979299	-1.02114	0.348345	1.1493	1.1493	0.983458	0.997016	-1.00299	0.365976	0.874711	-1.14323	0.525017	1.09728	1.09728	0.556337	1.08954	1.08954	0.234622	0.835646	-1.19668	0.00431477	1.73314	1.73314	2.43346	0.800522	0.292413	1
cg22228387	ZNF639	0.112425	0.341881	0.842711	-1.18665	0.269551	0.817981	-1.22252	0.336021	1.18928	1.18928	0.0400302	0.660539	-1.51391	0.518307	0.89187	-1.12124	0.0191768	0.609441	-1.64085	0.0563516	0.685514	-1.45876	0.163996	0.771424	-1.2963	0.70737	1.06812	1.06812	2.43345	1.17685	0.429879	1
cg01310875	C8orf80	0.112425	0.743032	0.881551	-1.13436	0.172716	1.74388	1.74388	0.0504356	0.425508	-2.35013	0.0248587	0.359378	-2.78258	0.807031	0.91048	-1.09832	0.595075	0.814179	-1.22823	0.82415	0.918247	-1.08903	0.0282287	0.370513	-2.69896	0.905771	1.04643	1.04643	2.43344	5.66012	2.06753	1
cg16391745	TSTA3	0.112426	0.411222	1.17769	1.17769	0.676756	0.921636	-1.08503	0.286946	0.806365	-1.24013	0.131413	1.37299	1.37299	0.792355	0.949943	-1.05269	0.0247097	1.68289	1.68289	0.022564	1.70169	1.70169	0.862597	0.966845	-1.03429	0.470583	0.866868	-1.15358	2.43343	1.46011	0.533351	1
cg24799921	C10orf41;C10orf41	0.112428	0.149093	40.4129	40.4129	0.153082	38.7904	38.7904	0.11686	58.742	58.742	0.660249	2.87947	2.87947	?	?	?	0.0966726	78.2775	78.2775	0.019425	859.399	859.399	0.0317654	410.833	410.833	0.124747	53.1721	53.1721	2.4582	197.827	80.4763	1
cg07755196	FLJ41350	0.11243	0.873501	0.936912	-1.06734	0.298123	0.643322	-1.55443	0.0257073	0.338387	-2.9552	0.224104	0.593141	-1.68594	0.397494	0.701645	-1.42522	0.100662	0.479298	-2.08639	0.0113459	0.273491	-3.65643	0.235459	0.601378	-1.66285	0.0578955	0.416083	-2.40337	2.4334	6.44655	2.35484	1
cg17495555	ZBTB38	0.112433	0.123901	0.453962	-2.20283	0.408412	0.669814	-1.49295	0.0538562	0.354356	-2.82202	0.883328	1.07208	1.07208	0.00820209	0.201277	-4.96828	0.693544	0.828859	-1.20648	0.101002	0.426883	-2.34256	0.461701	1.42637	1.42637	0.55449	0.753251	-1.32758	2.43337	8.65715	3.16238	1
cg21752167	SUGT1;SUGT1	0.112434	0.452037	1.1908	1.1908	0.0675503	1.59488	1.59488	0.542857	1.15072	1.15072	0.240321	1.3234	1.3234	0.773382	0.936313	-1.06802	0.153536	0.705895	-1.41664	0.0224627	0.536244	-1.86482	0.175113	1.38913	1.38913	0.983473	0.99529	-1.00473	2.43336	2.00204	0.731331	1
cg25652751	HMG20A	0.112435	0.0226492	0.175361	-5.70252	0.0424873	0.225293	-4.43866	0.198969	0.420678	-2.37712	0.178472	0.401733	-2.48921	0.0332356	0.204376	-4.89295	0.233715	0.45092	-2.21769	0.0470736	0.23463	-4.26202	0.673515	0.763118	-1.31041	0.12533	0.347035	-2.88155	2.43335	15.6844	5.72944	1
cg16161214	TRAM2	0.112436	0.00766282	0.332085	-3.01128	0.114506	0.575738	-1.7369	0.320101	0.718606	-1.39158	0.0453337	0.477858	-2.09267	0.0664288	0.515776	-1.93883	0.620502	0.851688	-1.17414	0.14356	0.603204	-1.65781	0.189834	0.639776	-1.56305	0.63911	0.859061	-1.16406	2.43333	3.9868	1.45636	1
cg16167775	PXT1	0.112437	0.0953771	0.725356	-1.37863	0.0942366	0.724394	-1.38047	0.0236095	0.622711	-1.60588	0.315083	0.833557	-1.19968	0.309998	0.831845	-1.20215	0.015208	0.593038	-1.68623	0.0563893	0.684812	-1.46025	0.731762	0.94148	-1.06216	0.301312	0.828877	-1.20645	2.43333	1.18365	0.432382	1
cg20000994	ZBTB12	0.112437	0.0727245	0.797191	-1.2544	0.502723	1.08005	1.08005	0.064734	1.26475	1.26475	0.572189	0.937425	-1.06675	0.836782	1.02363	1.02363	0.0194558	0.726289	-1.37686	0.184112	0.852558	-1.17294	0.746994	1.03733	1.03733	0.694885	0.956352	-1.04564	2.43333	0.493964	0.180444	1
cg04041679	VSIG10	0.11244	0.645741	1.09686	1.09686	0.282055	0.799886	-1.25018	0.124424	0.717281	-1.39415	0.371784	0.832631	-1.20101	0.067055	0.663653	-1.50681	0.421286	0.848662	-1.17833	0.0206828	1.74457	1.74457	0.319564	1.22808	1.22808	0.726278	0.932205	-1.07273	2.4333	1.53752	0.561659	1
cg26568880	RDBP;SKIV2L	0.11244	0.398164	1.24263	1.24263	0.479638	1.19776	1.19776	0.18055	1.42912	1.42912	0.0126339	2.17836	2.17836	0.486445	1.19432	1.19432	0.254538	0.741742	-1.34818	0.71489	0.911988	-1.09651	0.122769	1.52181	1.52181	0.150004	0.678734	-1.47333	2.4333	2.43016	0.887741	1
cg03671710	EHMT2;EHMT2	0.11244	0.901253	0.96745	-1.03365	0.854653	0.952291	-1.0501	0.0259534	2.02322	2.02322	0.564396	0.85614	-1.16803	0.540832	1.17945	1.17945	0.847302	0.949906	-1.05274	0.10544	0.624033	-1.60248	0.0576759	0.56429	-1.77214	0.112596	1.58479	1.58479	2.4333	2.73878	1.00048	1
cg13944805	FAM166B;FAM166B	0.112442	0.360871	1.51205	1.51205	0.0996541	2.21296	2.21296	0.0731297	2.41031	2.41031	0.366466	1.50443	1.50443	0.547941	1.30687	1.30687	0.190125	1.84193	1.84193	0.0164567	0.275211	-3.63357	0.624665	1.24241	1.24241	0.757442	1.1461	1.1461	2.43328	7.46726	2.72783	1
cg23816247	BAALC;BAALC;C8orf56	0.112444	0.974125	1.01072	1.01072	0.0352467	0.446375	-2.24027	0.21672	0.652119	-1.53346	0.307089	1.4159	1.4159	0.112018	0.565988	-1.76682	0.269488	1.45969	1.45969	0.0324157	0.438783	-2.27903	0.175222	0.622398	-1.60669	0.873218	0.948831	-1.05393	2.43326	4.16908	1.523	1
cg25204743	KCNQ1;KCNQ1OT1;KCNQ1	0.112445	0.0424497	0.330972	-3.0214	0.0115883	0.224576	-4.45283	0.15461	0.486292	-2.05638	0.509385	0.728541	-1.37261	0.0726784	0.38769	-2.57938	0.104924	0.432365	-2.31286	0.130221	0.461439	-2.16713	0.102398	0.429224	-2.32978	0.780786	0.876329	-1.14112	2.43325	8.62898	3.15225	1
cg09775841	PRR5L	0.112446	0.355541	0.675664	-1.48003	0.490961	1.33458	1.33458	0.390064	1.43812	1.43812	0.621659	0.814475	-1.22778	0.0112479	0.269806	-3.70637	0.680232	0.84285	-1.18645	0.0923386	2.14736	2.14736	0.151847	1.88393	1.88393	0.8076	0.904249	-1.10589	2.43324	6.55842	2.39586	1
cg00936728	FCRL6;FCRL6	0.112447	0.138928	0.738041	-1.35494	0.372021	1.19099	1.19099	0.0717908	0.681584	-1.46717	0.0583797	0.665058	-1.50363	0.0434006	0.64211	-1.55737	0.383192	1.18594	1.18594	0.709395	1.074	1.074	0.0810941	0.69155	-1.44603	0.514934	0.881682	-1.1342	2.43324	1.40151	0.511986	1
cg25202390	MRPL30;MRPL30;MITD1	0.112449	0.475908	1.09832	1.09832	0.210388	1.18619	1.18619	0.267145	1.16132	1.16132	0.541208	1.08331	1.08331	0.0342646	1.37649	1.37649	0.994439	1.0009	1.0009	0.0217401	0.700207	-1.42815	0.305032	0.871612	-1.1473	0.673412	1.05637	1.05637	2.43321	0.64498	0.235621	1
cg03152785	KCNC4;KCNC4;KCNC4	0.11245	0.676446	1.07998	1.07998	0.843082	1.03701	1.03701	0.238872	1.25377	1.25377	0.0583643	0.675593	-1.48018	0.181714	1.29681	1.29681	0.81382	1.0442	1.0442	0.0144677	1.73754	1.73754	0.657812	1.08516	1.08516	0.0972832	1.39602	1.39602	2.4332	1.29536	0.473216	1
cg10765909	AAAS	0.112452	0.111906	1.61227	1.61227	0.265841	0.72782	-1.37397	0.0288025	0.486444	-2.05574	0.373324	1.28382	1.28382	0.166998	0.666896	-1.49948	0.147628	0.652045	-1.53364	0.135155	1.55839	1.55839	0.745973	0.915256	-1.09259	0.952652	0.983962	-1.0163	2.57971	2.96523	0.894011	1
cg02497963	TBCD	0.112459	0.806238	1.04983	1.04983	0.877427	0.96992	-1.03101	0.222556	0.775959	-1.28873	0.56768	1.12109	1.12109	0.707984	0.928246	-1.0773	0.412277	1.18044	1.18044	0.00310886	2.22642	2.22642	0.835578	0.959707	-1.04198	0.887558	1.02839	1.02839	2.43312	1.509	0.551283	1
cg04791456	DNAH12;DNAH12	0.112461	0.780405	1.05666	1.05666	0.323643	0.817904	-1.22264	0.988075	1.00295	1.00295	0.233185	0.78154	-1.27952	0.398152	1.186	1.186	0.865539	0.967134	-1.03398	0.00382898	2.15704	2.15704	0.860647	1.03526	1.03526	0.700242	0.926556	-1.07927	2.4331	1.49833	0.547386	1
cg07490650	SLC16A14	0.112464	0.0552474	0.376855	-2.65354	0.342186	0.644357	-1.55193	0.811454	1.11329	1.11329	0.0911912	0.433667	-2.30592	0.0573194	0.380746	-2.62642	0.593177	0.784924	-1.27401	0.0226673	0.293675	-3.40512	0.0688684	0.400781	-2.49513	0.0702921	0.403082	-2.48088	2.43308	7.77143	2.83918	1
cg15391151	C1orf177;C1orf177	0.112465	0.159793	0.666858	-1.49957	0.874098	1.0437	1.0437	0.00294527	0.332414	-3.00829	0.218695	0.705419	-1.4176	0.937958	0.97922	-1.02122	0.71871	0.907043	-1.10248	0.197353	0.692398	-1.44426	0.354042	0.773212	-1.29331	0.979174	0.992984	-1.00707	2.43307	2.80381	1.02434	1
cg23815320	CD93	0.112466	0.0300341	0.272339	-3.6719	0.0189965	0.235178	-4.25209	0.0387202	0.29521	-3.38742	0.615711	0.772645	-1.29426	0.51245	0.712777	-1.40296	0.267678	0.555167	-1.80126	0.123509	0.427295	-2.3403	0.0515898	0.323282	-3.09328	0.39042	0.638566	-1.56601	2.43306	10.0096	3.6569	1
cg04704487	CRISPLD2	0.112467	0.144407	0.583222	-1.71461	0.0723315	0.50174	-1.99306	0.0762206	0.507412	-1.97078	0.313725	0.698848	-1.43093	0.0158502	0.361957	-2.76276	0.24098	0.655644	-1.52522	0.0346074	0.42858	-2.33329	0.62615	1.18393	1.18393	0.332477	0.709054	-1.41033	2.43304	4.55735	1.66499	1
cg19950823	STAM	0.112468	0.307356	1.21472	1.21472	0.566007	0.898709	-1.11271	0.171324	1.30748	1.30748	0.209473	0.783885	-1.2757	0.341711	1.19762	1.19762	0.0833896	0.702727	-1.42303	0.0207592	0.599034	-1.66935	0.643858	0.917873	-1.08948	0.340697	1.1981	1.1981	2.43303	1.30569	0.477022	1
cg17153876	WDFY2	0.112468	0.226393	0.664534	-1.50481	0.0536809	0.494153	-2.02366	0.0445032	0.475986	-2.1009	0.611472	0.848048	-1.17918	0.369527	1.34515	1.34515	0.161971	1.61677	1.61677	0.088631	1.83	1.83	0.903944	1.03961	1.03961	0.668943	0.870755	-1.14843	2.43303	3.9888	1.45728	1
cg03917138	SOX9	0.112472	0.107511	0.256839	-3.89349	0.476927	0.571412	-1.75005	0.597389	0.662019	-1.51053	0.528565	0.610132	-1.63899	0.59252	1.519	1.519	0.404851	0.517085	-1.93392	0.0952594	0.242094	-4.13063	0.0289929	7.33001	7.33001	0.0969983	4.09437	4.09437	2.433	23.0753	8.43049	1
cg19533977	CLTC	0.112472	0.595939	1.26992	1.26992	0.0182481	3.59469	3.59469	0.381132	1.49349	1.49349	0.716157	0.849548	-1.1771	0.326091	0.635886	-1.57261	0.16714	1.93013	1.93013	0.67514	0.82844	-1.20709	0.0328887	3.04734	3.04734	0.309936	0.625532	-1.59864	2.43299	7.68279	2.80689	1
cg26104752	TBX15	0.112473	0.625058	0.755802	-1.3231	0.0253306	0.220619	-4.5327	0.723874	0.81739	-1.22341	0.805907	1.15021	1.15021	0.928328	0.950144	-1.05247	0.292491	0.537499	-1.86047	0.950806	0.965536	-1.03569	0.0118264	5.96988	5.96988	0.773812	0.84891	-1.17798	2.43298	12.4516	4.5492	1
cg23328109	REXO1L2P	0.112474	0.0643646	0.328028	-3.04852	0.145731	0.432667	-2.31125	0.0601883	0.320768	-3.11752	0.225481	0.505213	-1.97936	0.044746	0.290601	-3.44114	0.106094	0.388029	-2.57712	0.0591792	0.318965	-3.13515	0.161651	0.448596	-2.22918	0.0234245	0.234016	-4.27322	2.43298	11.0858	4.0502	1
cg00029826	CCNB1IP1;CCNB1IP1	0.112474	0.148217	0.605679	-1.65104	0.0559272	2.01387	2.01387	0.0320637	2.25207	2.25207	0.137092	0.59589	-1.67816	0.985697	0.994222	-1.00581	0.454795	0.781826	-1.27906	0.516631	1.23687	1.23687	0.185295	1.57478	1.57478	0.743105	1.11218	1.11218	2.43297	4.02706	1.47129	1
cg19281677	FAM65B	0.112477	0.284742	0.525671	-1.90233	0.0252634	0.214463	-4.66281	0.203027	0.459463	-2.17646	0.13406	0.392541	-2.5475	0.735523	0.821838	-1.21678	0.549786	0.704535	-1.41938	0.148035	2.45488	2.45488	0.0259657	0.216607	-4.61665	0.254254	0.50209	-1.99167	2.43294	12.9059	4.71525	1
cg04526749	RABEP2	0.112479	0.153768	0.734659	-1.36118	0.974027	1.0066	1.0066	0.0774907	0.672844	-1.48623	0.324929	0.814445	-1.22783	0.0293625	0.595619	-1.67893	0.693169	1.08336	1.08336	0.0399206	1.6153	1.6153	0.621743	0.904461	-1.10563	0.806788	0.951728	-1.05072	2.43293	1.57093	0.573954	1
cg15154318	BRD9;BRD9;BRD9	0.112482	0.103733	0.27743	-3.60452	0.206545	0.382856	-2.61195	0.172387	0.351103	-2.84816	0.21341	0.38898	-2.57083	0.0253478	0.147244	-6.79144	0.180065	0.358448	-2.78981	0.0108017	0.0995115	-10.0491	0.343609	0.495057	-2.01997	0.078001	0.243831	-4.1012	2.4329	20.0114	7.31138	1
cg18325160	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.112482	0.189941	1.12759	1.12759	0.0260452	1.25666	1.25666	0.108581	1.16346	1.16346	0.177063	1.13213	1.13213	0.267028	1.1052	1.1052	0.560472	0.950358	-1.05224	0.0689101	0.838551	-1.19253	0.607704	0.9562	-1.04581	0.764314	1.02635	1.02635	2.4329	0.288293	0.105331	1
cg04988224	RPL18;SPHK2	0.112482	0.788279	0.844578	-1.18402	0.418696	1.6822	1.6822	0.206977	2.32045	2.32045	0.00957346	0.117883	-8.48297	?	?	?	0.181002	0.406878	-2.45774	0.293067	1.98998	1.98998	0.814651	0.862981	-1.15877	0.74194	0.812687	-1.23049	2.60295	14.1181	4.74591	1
cg16721194	CUX2	0.112484	0.535393	1.19735	1.19735	0.209875	1.46112	1.46112	0.0103322	0.3957	-2.52717	0.417142	0.788246	-1.26864	0.673532	0.885507	-1.1293	0.396279	1.28309	1.28309	0.234492	1.4299	1.4299	0.183193	0.666806	-1.49969	0.282394	0.72576	-1.37787	2.43288	3.17276	1.15921	1
cg17831467	PI4K2A	0.112484	0.0152601	0.222268	-4.49908	0.987607	1.00787	1.00787	0.572767	1.33332	1.33332	0.626701	1.28072	1.28072	?	?	?	0.113772	0.419557	-2.38347	?	?	?	0.525391	1.38381	1.38381	0.176951	2.06361	2.06361	2.48823	7.81008	3.58721	1
cg05647197	KLF11	0.112484	0.182743	2.58711	2.58711	0.00823599	9.69938	9.69938	0.0316962	5.43646	5.43646	0.462053	1.65423	1.65423	0.657673	1.34962	1.34962	0.253963	2.22749	2.22749	0.0476298	4.58536	4.58536	0.224023	2.3602	2.3602	0.275242	2.14495	2.14495	2.43288	17.4148	6.36278	1
cg13578841	CGNL1	0.112487	0.252236	0.676286	-1.47866	0.246794	1.48597	1.48597	0.901197	1.04146	1.04146	0.797216	1.08786	1.08786	0.0885962	0.540988	-1.84847	0.280032	1.44376	1.44376	0.024064	0.41478	-2.41092	0.133933	1.69659	1.69659	0.355547	1.36452	1.36452	2.43286	4.12106	1.50571	1
cg20623350	ENTHD1	0.112487	0.764901	1.08166	1.08166	0.0961006	1.6133	1.6133	0.00922783	0.421076	-2.37487	0.677112	0.896192	-1.11583	0.843032	0.949434	-1.05326	0.667523	1.11975	1.11975	0.990168	1.00323	1.00323	0.0611219	0.575615	-1.73727	0.756678	0.921875	-1.08475	2.43285	2.63938	0.964347	1
cg25504605	MTMR4	0.112488	0.955087	1.02679	1.02679	0.0535135	2.79944	2.79944	0.0662225	2.63066	2.63066	0.743479	1.16667	1.16667	0.972811	1.01613	1.01613	0.0474429	0.344894	-2.89944	0.632219	0.797431	-1.25403	0.0566389	2.75349	2.75349	0.75066	0.861003	-1.16144	2.43284	8.491	3.10236	1
cg08532834	VSTM2A	0.11249	0.155213	1.24277	1.24277	0.845053	1.02835	1.02835	0.741988	1.04834	1.04834	0.982453	0.996862	-1.00315	0.23986	1.19227	1.19227	0.178139	1.22685	1.22685	0.0173538	0.660999	-1.51286	0.28252	1.17301	1.17301	0.0670496	1.34087	1.34087	2.43282	0.786729	0.28745	1
cg02971654	NRXN3;NRXN3;NRXN3	0.112493	0.129425	1.361	1.361	0.690991	1.07806	1.07806	0.669798	0.922472	-1.08404	0.0977559	1.40742	1.40742	0.82943	0.960225	-1.04142	0.475596	1.14623	1.14623	0.0183639	0.58374	-1.71309	0.632062	0.91324	-1.095	0.0885667	1.42396	1.42396	2.4328	1.36363	0.498239	1
cg24635257	TNFRSF1B	0.112493	?	?	?	0.824472	0.880023	-1.13633	0.912828	0.93895	-1.06502	0.00740704	0.126492	-7.90564	0.415432	0.618533	-1.61673	?	?	?	0.143191	0.400464	-2.49711	0.92873	0.949842	-1.05281	?	?	?	2.66896	9.12759	3.98989	1
cg14023573	TRAPPC9;TRAPPC9	0.112494	0.451815	1.48416	1.48416	0.00410223	7.26773	7.26773	0.045344	3.26257	3.26257	0.69864	0.81841	-1.22188	0.841036	1.10898	1.10898	0.423492	1.52359	1.52359	0.573554	1.34035	1.34035	0.24254	1.87758	1.87758	0.989789	1.00661	1.00661	2.43278	10.2226	3.73513	1
cg04342328	DMC1	0.112497	?	?	?	0.711992	0.818666	-1.2215	0.0848151	2.90263	2.90263	0.992219	1.00527	1.00527	?	?	?	0.0284383	4.40608	4.40608	0.216088	0.489477	-2.043	?	?	?	0.378442	0.611817	-1.63448	2.87099	8.37803	2.91817	1
cg19878838	SCARB2	0.112499	0.240526	2.05909	2.05909	0.0117226	6.36519	6.36519	0.0492477	3.74072	3.74072	0.048932	3.74951	3.74951	0.658451	1.29887	1.29887	0.13602	2.57088	2.57088	0.877503	1.0949	1.0949	0.529694	0.687818	-1.45387	0.301807	1.87534	1.87534	2.43274	13.3116	4.86389	1
cg04324487	STAG3L1;STAG3L1	0.1125	0.1174	0.622663	-1.606	0.00994833	0.403778	-2.47661	0.76013	0.918233	-1.08905	0.853466	0.949799	-1.05285	0.0941914	0.598949	-1.66959	0.0680804	0.565997	-1.76679	0.775161	1.08304	1.08304	0.445378	1.24198	1.24198	0.208793	0.691361	-1.44642	2.43272	2.98984	1.09245	1
cg26665082	FUBP1	0.112502	0.0926077	0.579074	-1.7269	0.350015	1.3284	1.3284	0.242235	1.43519	1.43519	0.834312	0.940041	-1.06378	0.00748836	0.361947	-2.76284	0.225003	0.686469	-1.45673	0.321711	0.739187	-1.35284	0.636719	0.868979	-1.15078	0.899279	0.96331	-1.03809	2.43271	3.35741	1.22677	1
cg02427443	COMMD4	0.112502	0.369476	0.305738	-3.27078	0.0631037	14.6981	14.6981	0.156846	7.00668	7.00668	0.570198	0.478199	-2.09118	0.145323	7.46744	7.46744	0.176532	0.157671	-6.34233	0.859341	1.25617	1.25617	0.789881	1.4097	1.4097	0.0209831	35.5347	35.5347	2.4327	63.6904	23.2719	1
cg26306256	ATG4D	0.112502	0.296319	1.14317	1.14317	0.348199	1.12675	1.12675	0.566178	1.07429	1.07429	0.605618	0.937668	-1.06648	0.152886	1.20823	1.20823	0.599453	0.936616	-1.06767	0.230596	0.856072	-1.16813	0.311583	1.13809	1.13809	0.00608283	1.5567	1.5567	2.4327	0.588248	0.214941	1
cg01794812	ZNF517	0.112503	0.540267	0.866332	-1.15429	0.747276	1.0777	1.0777	0.244109	0.754253	-1.32582	0.987148	0.996279	-1.00373	0.00273017	0.383869	-2.60506	0.840248	1.04782	1.04782	0.453392	1.19335	1.19335	0.654912	0.901122	-1.10973	0.484345	0.84834	-1.17877	2.4327	2.06363	0.754034	1
cg11673969	EPHB4;EPHB4	0.112503	0.290445	0.878983	-1.13768	0.053354	0.772565	-1.29439	0.634576	0.94526	-1.05791	0.0308806	0.742292	-1.34718	0.0642242	1.27697	1.27697	0.345078	1.12113	1.12113	0.72283	1.04276	1.04276	0.371067	0.897641	-1.11403	0.371977	0.897835	-1.11379	2.43269	0.53258	0.194601	1
cg05509659	ROBO3	0.112506	0.0591366	45.6955	45.6955	0.0752842	34.894	34.894	0.135381	17.9373	17.9373	0.574295	0.361301	-2.76778	0.0228705	132.135	132.135	0.215343	10.3729	10.3729	0.893624	1.27122	1.27122	0.170384	13.7206	13.7206	0.0432931	64.6762	64.6762	2.43267	123.955	45.2928	1
cg27127608	EBF1	0.112506	0.103951	1.98459	1.98459	0.637404	0.832741	-1.20085	0.0431418	2.45222	2.45222	0.0367436	2.54838	2.54838	0.312978	0.668744	-1.49534	0.564406	0.798824	-1.25184	0.237498	0.620591	-1.61137	0.370308	0.701395	-1.42573	0.480747	1.31827	1.31827	2.43267	5.72646	2.09243	1
cg08073934	SDK1	0.112508	0.478051	0.815067	-1.22689	0.763714	1.08923	1.08923	0.43928	1.25061	1.25061	0.835547	1.0607	1.0607	0.00486703	0.347042	-2.8815	0.950858	0.982679	-1.01763	0.134488	1.5801	1.5801	0.624036	1.15033	1.15033	0.429383	0.795569	-1.25696	2.43265	3.09653	1.13147	1
ch.4.3427878R	KIAA1430	0.112509	0.0303185	0.47344	-2.1122	0.862612	1.05218	1.05218	0.500948	1.22214	1.22214	0.0269706	0.46338	-2.15806	0.068459	0.54936	-1.8203	0.0931244	0.581313	-1.72024	0.640047	0.870828	-1.14833	0.268307	0.712768	-1.40298	0.115033	0.604572	-1.65406	2.43264	3.3226	1.21408	1
cg00983608	ZNF783	0.112511	0.0370045	0.372224	-2.68655	0.0490142	0.399712	-2.5018	0.342757	0.67111	-1.49007	0.674389	0.841632	-1.18817	0.0141331	0.290647	-3.4406	0.0698623	0.437312	-2.2867	0.16353	0.54513	-1.83442	0.578908	0.795533	-1.25702	0.112191	0.493766	-2.02525	2.43262	6.41426	2.34379	1
cg19288226	LMNB2	0.112514	0.865871	0.944512	-1.05875	0.655929	1.1635	1.1635	0.880463	0.950453	-1.05213	0.145569	0.589963	-1.69502	0.0105237	0.337234	-2.9653	0.200555	0.633464	-1.57862	0.0225185	0.397423	-2.51621	0.760354	1.10883	1.10883	0.328509	0.711364	-1.40575	2.4326	4.39337	1.60537	1
cg19291075	DPCR1	0.112517	0.0247847	0.627418	-1.59383	0.12632	1.33443	1.33443	0.268429	1.22271	1.22271	0.0940607	0.725335	-1.37867	0.930532	1.01533	1.01533	0.762911	0.948594	-1.05419	0.0927933	1.38073	1.38073	0.818815	1.04084	1.04084	0.544418	1.11295	1.11295	2.43256	1.17226	0.428359	1
cg17756365	ADAD1;ADAD1;ADAD1	0.112519	0.244712	0.491191	-2.03587	0.00665797	0.127838	-7.82243	0.087231	0.331827	-3.01361	0.279312	0.518355	-1.92918	0.969706	1.02243	1.02243	0.520993	0.683823	-1.46237	0.68738	1.26659	1.26659	0.68283	0.786624	-1.27126	0.0434128	0.25744	-3.8844	2.43254	13.1485	4.80468	1
cg10600010	CLK4	0.112521	0.179068	0.655247	-1.52614	0.581685	0.848062	-1.17916	0.022512	2.24651	2.24651	0.131022	0.616981	-1.6208	0.180413	0.656207	-1.52391	0.486757	0.811161	-1.2328	0.119233	0.606061	-1.65	0.480672	1.23654	1.23654	0.415316	1.27967	1.27967	2.43253	3.37952	1.23494	1
cg11221524	GNG5	0.112522	0.031465	0.128265	-7.79638	0.841712	0.849801	-1.17675	0.418466	0.510202	-1.96001	0.215923	0.346442	-2.88649	0.226974	0.356125	-2.808	0.0483674	0.159448	-6.27163	0.0115426	0.0764444	-13.0814	0.229461	0.358284	-2.79108	0.096116	0.225966	-4.42544	2.43252	25.5246	9.32719	1
cg06051753	GPR179	0.112522	0.187613	0.563701	-1.77399	0.00643965	0.233513	-4.28243	0.452939	0.730626	-1.36869	0.297668	1.55765	1.55765	0.29695	0.641541	-1.55875	0.327839	0.660603	-1.51377	0.19601	0.570486	-1.75289	0.0981925	0.474942	-2.10552	0.796704	1.11179	1.11179	2.43251	6.49158	2.37215	1
cg15395329	NCAM1;NCAM1;NCAM1;NCAM1;NCAM1;NCAM1	0.112522	0.20153	1.14702	1.14702	0.585326	0.945507	-1.05763	0.382041	0.912857	-1.09546	0.561189	0.941996	-1.06158	0.886511	1.01463	1.01463	0.632004	0.952113	-1.0503	0.00543845	0.68938	-1.45058	0.339756	1.10524	1.10524	0.323627	1.10924	1.10924	2.43251	0.398475	0.145611	1
cg01822727	C6orf120;WDR27	0.112522	0.638196	1.12005	1.12005	0.363206	1.25155	1.25155	0.336013	1.26912	1.26912	0.0844255	0.628976	-1.58989	0.379977	1.24133	1.24133	0.0174911	0.48984	-2.04148	0.338113	1.26771	1.26771	0.876795	0.963579	-1.0378	0.134769	1.47707	1.47707	2.57894	2.28613	0.689467	1
cg13871037	TAP2;TAP2	0.112523	0.907875	0.974337	-1.02634	0.193918	0.734413	-1.36163	0.0198666	0.531828	-1.88031	0.541626	1.14885	1.14885	0.0405655	0.587944	-1.70084	0.0720881	0.63708	-1.56966	0.558547	0.875584	-1.1421	0.254726	1.30614	1.30614	0.977723	1.00629	1.00629	2.43251	1.94314	0.710065	1
cg11593791	FAM194A	0.112524	0.326094	0.630869	-1.58512	?	?	?	0.990978	1.00513	1.00513	0.76659	0.874026	-1.14413	0.69386	1.19602	1.19602	0.0501175	0.356674	-2.80368	0.881967	0.935027	-1.06949	0.00610822	0.184578	-5.41777	0.881565	0.934811	-1.06974	2.60248	7.33158	2.46501	1
cg16416464	TNXB	0.112524	0.861949	0.914569	-1.09341	0.722525	1.20073	1.20073	0.831131	1.1158	1.1158	0.753275	0.850625	-1.17561	0.0065209	0.163049	-6.13314	0.448463	0.672782	-1.48637	0.02035	0.238173	-4.19863	0.380199	0.630119	-1.587	0.973601	0.983165	-1.01712	2.43249	10.1416	3.70596	1
cg02421033	CACNA1H;CACNA1H	0.112526	0.824674	1.19643	1.19643	0.863188	0.869875	-1.14959	0.729053	1.32454	1.32454	0.917897	1.08691	1.08691	0.747266	0.770021	-1.29867	0.455293	1.84904	1.84904	0.00584604	0.0541137	-18.4796	0.0796217	4.81858	4.81858	0.379779	2.07146	2.07146	2.43247	25.169	9.19741	1
cg18736448	TG;SLA;SLA	0.112527	0.587275	1.16768	1.16768	0.0383796	1.97127	1.97127	0.346065	0.75997	-1.31584	0.251901	0.712795	-1.40293	0.529753	0.835217	-1.19729	0.123403	1.60328	1.60328	0.0298656	2.06035	2.06035	0.381648	1.28892	1.28892	0.428075	0.795443	-1.25716	2.43247	3.08236	1.12638	1
cg23488414	ANKRD17;ANKRD17	0.112527	0.0263113	1.70074	1.70074	0.795187	0.948919	-1.05383	0.0282397	1.68564	1.68564	0.0165996	1.80338	1.80338	0.557094	1.12715	1.12715	0.154917	1.3591	1.3591	0.635444	1.10104	1.10104	0.839245	1.04179	1.04179	0.599546	1.1127	1.1127	2.43246	1.56506	0.571914	1
cg08135718	CUX1;CUX1;CUX1	0.112527	0.157809	2.1562	2.1562	0.0129957	4.79766	4.79766	0.214761	1.94337	1.94337	0.939135	1.03962	1.03962	0.881769	0.92708	-1.07866	0.271894	1.78938	1.78938	0.19694	2.00176	2.00176	0.040897	3.32212	3.32212	0.0379459	3.40174	3.40174	2.43246	9.97159	3.6439	1
cg13524873	NT5C2;NT5C2	0.112528	0.0256036	0.345136	-2.89741	0.143618	1.8783	1.8783	0.0734407	2.22704	2.22704	0.859187	1.07383	1.07383	0.982662	1.00876	1.00876	0.137	0.525938	-1.90137	0.151345	0.539697	-1.85289	0.841916	0.923019	-1.0834	0.658374	1.19543	1.19543	2.43246	6.19946	2.26545	1
cg09236311	CLDN18;CLDN18	0.112529	0.104806	0.306516	-3.26248	0.357429	0.531884	-1.88011	0.311142	0.497079	-2.01175	0.684635	1.31309	1.31309	0.375927	0.545449	-1.83335	0.063315	4.02718	4.02718	0.0203693	6.45571	6.45571	0.611429	1.40742	1.40742	0.846352	1.13816	1.13816	2.43245	17.1423	6.2643	1
cg01294198	ZBTB16;ZBTB16	0.112531	0.694382	1.07353	1.07353	0.492155	0.882185	-1.13355	0.166178	0.766976	-1.30382	0.97014	0.993297	-1.00675	0.801813	0.955815	-1.04623	0.467018	0.875475	-1.14224	0.0044825	1.97569	1.97569	0.885207	0.974377	-1.0263	0.415405	0.861071	-1.16134	2.43243	1.24382	0.454534	1
cg00636416	AFF3;AFF3	0.112536	0.197152	0.537615	-1.86007	0.0651808	2.56604	2.56604	0.899434	0.944074	-1.05924	0.411721	0.68246	-1.46529	0.0115412	0.237427	-4.21182	0.867982	0.927072	-1.07867	0.425844	0.69064	-1.44793	0.222588	0.557988	-1.79215	0.166505	0.510953	-1.95713	2.43238	7.98177	2.91685	1
cg22451149	PDSS2	0.112536	0.441642	0.754012	-1.32624	0.0565275	0.459829	-2.17472	0.14288	0.567401	-1.76242	0.868897	1.06125	1.06125	0.454549	0.760231	-1.31539	0.341461	0.702753	-1.42298	0.181168	1.66675	1.66675	0.0700357	2.07285	2.07285	0.106347	1.88628	1.88628	2.43238	4.98892	1.82315	1
cg08627397	MC1R	0.112537	0.0114707	0.113671	-8.79734	0.65306	0.732657	-1.36489	0.409722	0.560116	-1.78534	0.598216	0.693788	-1.44136	0.102208	0.292409	-3.41987	0.693245	1.31332	1.31332	0.470471	1.65657	1.65657	0.0242679	0.157826	-6.3361	0.314978	0.489519	-2.04282	2.43237	18.2075	6.65378	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01389088	IFT140	0.11254	0.851468	1.03489	1.03489	0.493152	0.88044	-1.1358	0.735293	0.939803	-1.06405	0.879761	0.972685	-1.02808	0.0818453	0.70273	-1.42302	0.0643838	0.683742	-1.46254	0.179062	1.29841	1.29841	0.313542	1.2101	1.2101	0.0284131	1.60522	1.60522	2.43234	1.28948	0.471236	1
cg20334836	GRK4;GRK4;GRK4	0.112542	0.0564814	0.0945863	-10.5724	0.32639	0.330692	-3.02396	0.941438	0.922898	-1.08354	0.642135	0.599834	-1.66713	0.0558016	0.0938125	-10.6596	0.204026	0.231321	-4.323	0.0164806	0.0407623	-24.5325	0.0326214	0.0651651	-15.3456	0.138949	0.175623	-5.69402	2.43233	45.9452	16.7906	1
cg10062530	EFNA4;EFNA4;EFNA4	0.112543	0.280074	0.850338	-1.176	0.513392	0.908738	-1.10043	0.8199	1.03347	1.03347	0.147246	0.798873	-1.25176	0.358902	0.872661	-1.14592	0.561042	0.918637	-1.08857	0.00373645	0.568163	-1.76006	0.0742085	0.750328	-1.33275	0.996218	0.999316	-1.00068	2.43231	0.803064	0.29348	1
cg07448499	CTSH;CTSH	0.112547	0.666031	0.894407	-1.11806	0.0558251	1.74511	1.74511	0.505978	1.18938	1.18938	0.850395	0.952632	-1.04972	0.164528	0.683091	-1.46393	0.327955	1.29629	1.29629	0.0122	0.448161	-2.23134	0.875215	0.960417	-1.04121	0.654782	1.12262	1.12262	2.43227	2.54426	0.929813	1
cg03011822	C10orf55;C10orf55	0.112547	0.462029	0.710769	-1.40693	0.0669282	0.391997	-2.55104	0.050113	0.361134	-2.76905	0.621112	0.796773	-1.25506	0.0608138	0.381485	-2.62133	0.0180501	0.269897	-3.70512	0.629011	0.800933	-1.24854	0.0361596	0.329245	-3.03725	0.769038	0.874362	-1.14369	2.43227	8.00934	2.92707	1
cg14219290	EGLN3	0.112548	0.134231	0.594924	-1.68089	0.419581	0.767056	-1.30369	0.0439842	2.10502	2.10502	0.0401207	0.46641	-2.14404	0.801562	1.08435	1.08435	0.0930707	1.81145	1.81145	0.590868	1.19066	1.19066	0.859158	1.05878	1.05878	0.489926	1.25299	1.25299	2.43226	3.9834	1.45577	1
cg00009750	CDK15	0.112549	0.308973	0.469549	-2.1297	0.56686	0.65993	-1.51531	0.0292946	0.158257	-6.31882	0.195551	0.374249	-2.67202	0.0427056	0.1873	-5.33904	0.282134	0.448217	-2.23106	0.0122574	0.106448	-9.39426	0.151137	0.331375	-3.01773	0.112133	0.288803	-3.46257	2.43226	19.8579	7.25724	1
cg17766062	HK2	0.11255	0.0797895	0.502895	-1.98849	0.130792	0.561648	-1.78048	0.878587	0.947387	-1.05554	0.250011	0.653752	-1.52963	0.44662	0.760128	-1.31557	0.197089	0.617465	-1.61953	0.00968817	0.314378	-3.18088	0.0423886	0.437583	-2.28528	0.076371	0.498052	-2.00782	2.43225	4.81538	1.75983	1
cg04103326	PACSIN1	0.11255	0.296397	0.842898	-1.18638	0.570749	1.09466	1.09466	0.0212451	0.645879	-1.54828	0.607574	0.921486	-1.0852	0.194303	0.805122	-1.24205	0.295812	1.18665	1.18665	0.115618	1.30996	1.30996	0.0775287	0.733642	-1.36306	0.402905	0.873606	-1.14468	2.43225	0.959912	0.350809	1
cg22354363	FGF19	0.112551	0.0682627	0.237979	-4.20205	0.24352	0.423974	-2.35863	0.164317	0.352249	-2.8389	0.232742	0.414817	-2.4107	0.0470661	0.202287	-4.94346	0.148776	0.336579	-2.97107	0.0614907	0.227343	-4.39864	0.0135636	0.116711	-8.56817	0.0877925	0.265806	-3.76214	2.43224	19.0476	6.96116	1
cg11588566	DIP2C	0.112551	0.592334	0.844508	-1.18412	0.225633	0.671748	-1.48865	0.0500084	0.497175	-2.01136	0.665826	1.14552	1.14552	0.0956019	0.564164	-1.77253	0.0996598	0.568805	-1.75807	0.368597	0.749203	-1.33475	0.0372767	2.12949	2.12949	0.565175	0.833766	-1.19938	2.43224	3.76601	1.37633	1
cg25736645	BBC3;BBC3;BBC3;BBC3	0.112553	0.693994	0.871475	-1.14748	0.28204	1.47539	1.47539	0.220032	1.56618	1.56618	0.468595	0.773718	-1.29246	0.449404	1.30756	1.30756	0.523665	0.798642	-1.25213	0.0244074	0.393352	-2.54225	0.0775781	1.97879	1.97879	0.103141	1.85938	1.85938	2.43222	4.66241	1.70394	1
cg06144718	TCERG1L	0.112557	0.735898	1.15971	1.15971	0.0825622	2.31996	2.31996	0.623784	0.805436	-1.24156	0.700784	1.18411	1.18411	0.10407	0.459411	-2.1767	0.0830998	2.31584	2.31584	0.206851	1.79079	1.79079	0.0218431	3.33465	3.33465	0.285011	1.62587	1.62587	2.43218	7.37895	2.69679	1
cg13389382	C9orf167	0.112558	0.0679718	2.65059	2.65059	0.238965	1.80054	1.80054	0.0559676	2.80784	2.80784	0.0421662	3.05342	3.05342	0.115551	2.26096	2.26096	0.0356545	3.2091	3.2091	0.481098	1.40705	1.40705	0.0284678	3.43127	3.43127	0.198848	1.91063	1.91063	2.43217	8.75914	3.20122	1
cg10150176	SLC23A2	0.112559	0.502667	0.854719	-1.16997	0.515024	0.858695	-1.16456	0.0921575	0.651952	-1.53386	0.0417678	0.581847	-1.71866	0.672565	0.906562	-1.10307	0.811356	1.05673	1.05673	0.0154496	1.98511	1.98511	0.92569	1.02176	1.02176	0.813023	0.94679	-1.0562	2.43216	2.05124	0.749673	1
cg16139227	ABCB9;ABCB9;ABCB9	0.112562	0.865626	0.911581	-1.097	0.0272079	4.17346	4.17346	0.0296978	4.05044	4.05044	0.595021	0.745828	-1.34079	0.377243	0.609419	-1.64091	0.432047	1.55007	1.55007	0.768439	1.17513	1.17513	0.0326626	3.92111	3.92111	0.567778	1.37115	1.37115	2.43214	11.5088	4.2062	1
cg00177237	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.112564	0.405576	1.18806	1.18806	0.677934	1.08825	1.08825	0.0317726	0.600667	-1.66482	0.0495142	1.57437	1.57437	0.908318	1.0236	1.0236	0.796365	1.05377	1.05377	0.106636	1.42871	1.42871	0.390622	0.836826	-1.19499	0.154552	0.734482	-1.3615	2.43212	1.5797	0.577349	1
cg00315056	DUSP4	0.112564	0.559665	0.919785	-1.08721	0.659197	0.939026	-1.06493	0.799503	1.03674	1.03674	0.332076	1.15239	1.15239	0.705921	1.0552	1.0552	0.0294494	0.695242	-1.43835	0.393638	0.883504	-1.13186	0.0755815	1.32363	1.32363	0.0400962	1.39969	1.39969	2.43211	0.773961	0.282867	1
cg05685296	BCOR;BCOR	0.112566	0.822486	0.932889	-1.07194	0.106584	1.72417	1.72417	0.772501	0.91428	-1.09376	0.503479	1.23356	1.23356	0.0121653	0.380575	-2.62761	0.0988599	0.571526	-1.7497	0.498611	1.23661	1.23661	0.263903	1.43338	1.43338	0.945645	1.0213	1.0213	2.43209	3.68158	1.34556	1
cg17000593	RASL10B	0.112567	0.0792323	0.724139	-1.38095	0.325239	1.18326	1.18326	0.122267	0.757734	-1.31972	0.12379	0.758727	-1.318	0.167148	0.783531	-1.27627	0.0374412	0.67032	-1.49182	0.0259713	0.64545	-1.54931	0.965845	0.992932	-1.00712	0.425172	0.873801	-1.14443	2.43208	1.05694	0.386295	1
cg00223900	BAT5	0.112568	0.749619	1.09587	1.09587	0.597146	1.16473	1.16473	0.716758	1.10979	1.10979	0.106635	0.604292	-1.65483	0.154524	0.646805	-1.54606	0.327311	1.33524	1.33524	0.0165838	0.433171	-2.30856	0.129631	1.59701	1.59701	0.50824	1.21154	1.21154	2.43208	3.14871	1.15081	1
cg26651049	BPHL;BPHL;BPHL;BPHL	0.112569	0.0707479	0.469216	-2.13122	0.420717	0.734726	-1.36105	0.221229	0.617627	-1.6191	0.180888	0.587208	-1.70297	0.0140454	0.320991	-3.11535	0.258484	1.55555	1.55555	0.181333	0.587566	-1.70194	0.34766	1.43672	1.43672	0.384034	0.715709	-1.39722	2.43207	5.4092	1.97699	1
cg19075839	ZFP41	0.112572	?	?	?	0.902257	0.900302	-1.11074	0.771365	0.779522	-1.28284	0.114556	0.230593	-4.33665	0.0345219	0.12156	-8.22642	0.396701	0.476217	-2.09988	?	?	?	0.0125227	0.0702843	-14.2279	0.797428	0.802622	-1.24592	2.48734	22.3889	10.287	1
cg13010344	ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4	0.112575	0.455102	0.855954	-1.16829	0.00532579	2.11834	2.11834	0.620938	0.903109	-1.10729	0.743438	1.06945	1.06945	0.692726	1.08459	1.08459	0.641823	1.10051	1.10051	0.137877	0.721344	-1.3863	0.878485	1.03177	1.03177	0.201251	1.31775	1.31775	2.43201	1.6099	0.588411	1
cg01677545	C14orf37	0.112576	0.328626	0.842867	-1.18643	0.949338	1.01083	1.01083	0.284778	1.20729	1.20729	0.0146486	0.60077	-1.66453	0.0282179	0.64449	-1.55161	0.171351	0.781207	-1.28007	0.286188	0.828793	-1.20657	0.822761	1.03877	1.03877	0.707101	1.06609	1.06609	2.43199	1.10718	0.404671	1
cg26475999	TSPY4	0.112582	0.39752	1.8692	1.8692	0.562309	0.655081	-1.52653	0.733999	0.781706	-1.27925	0.0238944	0.142828	-7.00145	0.0150845	0.115731	-8.64074	0.753607	1.25528	1.25528	0.203209	2.63753	2.63753	0.797634	1.20385	1.20385	0.775987	0.813838	-1.22875	2.43194	20.0808	7.33964	1
cg10291238	XPO4	0.112582	0.114727	0.498998	-2.00402	0.00740409	0.247035	-4.04801	0.145638	0.530909	-1.88356	0.842967	1.0837	1.0837	0.632743	0.822744	-1.21545	0.49003	0.752649	-1.32864	0.895	1.05497	1.05497	0.564974	1.26587	1.26587	0.196734	1.73867	1.73867	2.43194	6.32583	2.31213	1
cg19094126	KATNAL1;KATNAL1	0.112586	0.556423	1.45601	1.45601	0.743235	1.23072	1.23072	0.901715	1.08115	1.08115	0.600096	0.715986	-1.39668	0.350138	0.544773	-1.83563	0.0100868	0.128685	-7.7709	0.110435	3.00006	3.00006	0.0805429	0.294011	-3.40124	0.394914	0.576777	-1.73377	2.4319	15.363	5.61534	1
cg12600418	ZC3H12A	0.112587	?	?	?	0.36357	2.35112	2.35112	0.140436	5.71307	5.71307	?	?	?	0.0450648	0.0356702	-28.0346	?	?	?	0.125593	6.47046	6.47046	0.990321	1.01008	1.01008	0.17863	4.44594	4.44594	8.20652	41.257	1.67578	1
cg16682657	GYPE;GYPE	0.11259	0.0287842	0.29116	-3.43454	0.0221393	0.269105	-3.71602	0.064571	0.3703	-2.70051	0.35625	0.635053	-1.57467	0.042026	0.325919	-3.06825	0.244815	0.55869	-1.7899	0.0956313	0.416487	-2.40104	0.699176	0.830434	-1.20419	0.168019	0.495078	-2.01988	2.43186	8.81865	3.22337	1
cg21724654	NOM1	0.112592	0.0470537	2.83222	2.83222	0.422729	0.687225	-1.45513	0.560726	1.30925	1.30925	0.544039	0.754811	-1.32484	0.719383	1.1797	1.1797	0.179689	0.520611	-1.92082	0.019281	3.6566	3.6566	0.135179	2.09106	2.09106	0.315944	1.6079	1.6079	2.43185	8.08109	2.9538	1
cg08513622	MAD1L1;MAD1L1;MAD1L1	0.112592	0.464642	1.20739	1.20739	0.239469	0.732031	-1.36606	0.015609	2.11864	2.11864	0.102802	1.57143	1.57143	0.322993	1.295	1.295	0.480241	0.833839	-1.19927	0.42138	1.23121	1.23121	0.0384027	1.83582	1.83582	0.794293	1.06841	1.06841	2.43184	2.46979	0.90276	1
cg03456220	FLNC;FLNC	0.112593	0.424646	0.824501	-1.21286	0.804278	1.06053	1.06053	0.682941	0.907377	-1.10208	0.761442	1.07473	1.07473	0.00203525	0.357206	-2.79951	0.804396	0.942961	-1.06049	0.907655	0.97291	-1.02784	0.882504	0.965603	-1.03562	0.809688	1.05877	1.05877	2.43184	2.15749	0.788609	1
cg18727788	H3F3C;H3F3C	0.112595	0.0250268	0.548114	-1.82444	0.0121169	0.493968	-2.02442	0.153339	0.708362	-1.41171	0.701499	1.09074	1.09074	0.838774	0.955096	-1.04701	0.913582	1.02478	1.02478	0.731251	1.08085	1.08085	0.357421	1.23793	1.23793	0.741823	0.928157	-1.0774	2.43181	1.95874	0.715969	1
cg00345230	LRBA	0.112597	0.90529	1.01063	1.01063	0.042322	1.23096	1.23096	0.663269	1.03969	1.03969	0.871951	0.985769	-1.01444	0.468001	1.06781	1.06781	0.822366	1.02018	1.02018	0.0298948	0.796903	-1.25486	0.246294	0.897866	-1.11375	0.0614369	1.2059	1.2059	2.43179	0.304076	0.111148	1
cg15579926	LOC200726	0.112598	0.0126787	0.097878	-10.2168	0.077153	0.228981	-4.36718	0.546702	0.632844	-1.58017	0.0216496	0.126393	-7.91185	0.348879	0.485094	-2.06146	0.456984	0.566529	-1.76514	0.138159	0.301946	-3.31186	0.215227	0.375857	-2.66059	0.0780451	0.230218	-4.34371	2.43179	21.6717	7.92162	1
cg00816008	MPHOSPH6	0.112598	0.0289128	0.724854	-1.37959	0.58471	1.07138	1.07138	0.625488	1.06338	1.06338	0.465327	0.911355	-1.09727	0.437443	0.905784	-1.10402	0.120954	0.81052	-1.23378	0.0667245	0.773516	-1.2928	0.113557	1.23999	1.23999	0.323189	1.13596	1.13596	2.43179	0.601053	0.219702	1
cg14425722	ACVR2A	0.112599	0.0381646	0.64275	-1.55581	0.530861	1.12387	1.12387	0.0402149	1.54653	1.54653	0.143392	0.748831	-1.33542	0.299627	0.820588	-1.21864	0.487003	0.878176	-1.13872	0.850055	1.03543	1.03543	0.531998	1.12349	1.12349	0.168114	1.31022	1.31022	2.43178	1.3032	0.476357	1
cg07001318	CXorf36;CXorf36	0.112599	0.607729	1.16219	1.16219	0.382806	0.771191	-1.2967	0.234676	0.696545	-1.43566	0.970524	0.989331	-1.01078	0.00933584	0.383979	-2.60431	0.31226	1.35453	1.35453	0.0932306	1.70924	1.70924	0.330951	0.747356	-1.33805	0.673102	0.884097	-1.1311	2.43178	3.24579	1.18644	1
cg18711921	LHFPL3	0.112602	0.213329	0.824346	-1.21308	0.009345	1.62564	1.62564	0.407698	1.13296	1.13296	0.697866	0.944121	-1.05919	0.235788	0.832657	-1.20098	0.374031	1.14396	1.14396	0.156796	1.2501	1.2501	0.252626	1.1926	1.1926	0.765661	0.956898	-1.04504	2.43175	0.836768	0.305867	1
cg03524627	CDC25B;CDC25B;CDC25B;CDC25B;CDC25B;CDC25B	0.112605	0.737378	0.945103	-1.05809	0.817621	1.03951	1.03951	0.0896661	1.36874	1.36874	0.0314285	0.654814	-1.52715	0.210263	0.801321	-1.24794	0.0439139	0.67808	-1.47475	0.623847	1.08646	1.08646	0.382162	1.16226	1.16226	0.450369	1.13772	1.13772	2.43172	1.08398	0.396236	1
cg05958582	PKD2L1	0.112606	0.321602	0.771732	-1.29579	0.400589	0.804345	-1.24325	0.63253	0.885231	-1.12965	0.407967	0.807204	-1.23884	0.0141031	0.464561	-2.15257	0.0518385	0.571263	-1.75051	0.101895	1.57315	1.57315	0.144216	0.672362	-1.48729	0.711415	0.910253	-1.0986	2.43171	2.46611	0.901464	1
cg18061433	C10orf113;NEBL	0.112607	0.155529	0.435672	-2.2953	0.0489161	0.292468	-3.41918	0.545379	0.715629	-1.39737	0.120985	2.50756	2.50756	0.0409278	0.275288	-3.63256	0.70332	1.23269	1.23269	0.436856	1.54287	1.54287	0.523608	1.42388	1.42388	0.255566	1.91346	1.91346	2.43171	11.5117	4.208	1
cg19708213	SNORD115-42;SNORD115-10	0.112607	0.459673	1.35335	1.35335	0.943753	1.02877	1.02877	0.715419	1.15855	1.15855	0.978842	1.01072	1.01072	0.00890623	0.262459	-3.81013	0.927534	1.03724	1.03724	0.910305	0.955716	-1.04634	0.788232	0.897438	-1.11428	0.0184783	0.317111	-3.15347	2.43171	6.22179	2.27432	1
cg23393892	MAD1L1;MAD1L1;MAD1L1	0.112621	0.609835	1.19286	1.19286	0.488704	0.78583	-1.27254	0.0292666	0.414776	-2.41094	0.928623	1.03118	1.03118	0.407695	1.33669	1.33669	0.256917	1.49997	1.49997	0.0171072	2.70711	2.70711	0.624911	1.18393	1.18393	0.30107	1.44362	1.44362	2.43156	4.52155	1.65291	1
cg16637690	WWP2;WWP2	0.112627	0.0445198	0.193467	-5.16884	0.152649	0.335992	-2.97626	0.454224	0.581138	-1.72076	0.168857	0.352131	-2.83986	0.0490752	0.201981	-4.95095	0.0717155	0.238918	-4.18554	0.109748	0.288996	-3.46025	0.0151529	0.119509	-8.36757	0.152327	0.335664	-2.97917	2.43151	19.5213	7.13643	1
cg01410453	DQX1;DQX1	0.112632	0.0286616	0.545527	-1.83309	0.115042	0.668786	-1.49525	0.116826	1.49181	1.49181	0.782976	1.06697	1.06697	0.487261	0.847304	-1.18021	0.682963	1.10121	1.10121	0.458464	1.19391	1.19391	0.39724	1.22569	1.22569	0.0607394	0.608753	-1.6427	2.43146	2.12243	0.775914	1
cg22633491	PKNOX1	0.112634	0.317188	0.817865	-1.2227	0.0384746	0.62201	-1.60769	0.0505929	0.644077	-1.55261	0.117992	0.717042	-1.39462	0.833236	1.04164	1.04164	0.662963	0.918587	-1.08863	0.0455777	1.57334	1.57334	0.677314	0.922166	-1.0844	0.443584	0.859362	-1.16365	2.57774	1.49583	0.451335	1
cg10923838	CIT	0.112634	0.110884	1.46102	1.46102	0.139054	0.706421	-1.41559	0.266611	1.28742	1.28742	0.121682	1.44228	1.44228	0.948608	1.01417	1.01417	0.740658	0.930066	-1.07519	0.0772512	0.651311	-1.53536	0.226042	0.75769	-1.3198	0.0978481	1.48646	1.48646	2.43144	1.83468	0.670726	1
cg20250981	KCNQ1DN	0.112637	0.349093	1.3705	1.3705	0.0706185	0.516538	-1.93597	0.0235308	2.42159	2.42159	0.337589	1.3816	1.3816	0.628003	1.1731	1.1731	0.162316	0.61398	-1.62872	0.659996	1.15575	1.15575	0.168965	0.619281	-1.61478	0.493629	1.25521	1.25521	2.43142	4.11691	1.50508	1
cg20122586	USP46;USP46	0.112637	0.38145	0.744036	-1.34402	0.376292	1.34858	1.34858	0.602033	1.18921	1.18921	0.219602	1.52986	1.52986	0.0223444	0.405908	-2.46361	0.231128	0.661189	-1.51243	0.0312879	0.435105	-2.2983	0.678455	1.14719	1.14719	0.706417	1.13274	1.13274	2.43141	4.1775	1.52723	1
cg17601287	CCDC153	0.11264	0.391832	1.18247	1.18247	0.89443	1.02569	1.02569	0.00415602	0.480012	-2.08328	0.278269	1.24035	1.24035	0.550211	0.890934	-1.12242	0.8609	1.03408	1.03408	0.52395	1.13132	1.13132	0.361901	1.19608	1.19608	0.889878	0.97388	-1.02682	2.43138	1.40551	0.513842	1
cg09753839	HLA-E	0.112642	0.114256	1.55257	1.55257	0.0479082	0.56039	-1.78447	0.421987	1.23373	1.23373	0.216663	0.716849	-1.39499	0.0329381	0.527945	-1.89414	0.270295	0.745333	-1.34168	0.93379	1.0215	1.0215	0.360579	0.786094	-1.27211	0.376238	1.26178	1.26178	2.43136	2.52495	0.923104	1
cg27097923	TPBG	0.112642	0.0986766	0.436382	-2.29157	0.477491	0.718383	-1.39201	0.0112157	0.233368	-4.28507	0.752293	0.865021	-1.15604	0.76087	0.869543	-1.15003	0.0251434	0.29533	-3.38604	0.640988	0.806484	-1.23995	0.508734	1.35933	1.35933	0.128401	0.471128	-2.12257	2.43136	8.07579	2.95245	1
cg11472541	FDXR;FDXR	0.112643	0.216703	0.660445	-1.51413	0.264342	0.690739	-1.44773	?	?	?	0.354999	0.739965	-1.35142	0.36453	0.744689	-1.34284	0.013627	0.354535	-2.8206	?	?	?	0.135491	1.67882	1.67882	0.395817	0.759742	-1.31624	2.83444	3.26368	0.986947	1
cg10223561	ARHGEF10	0.112643	0.0479294	2.35619	2.35619	0.652971	0.842366	-1.18713	0.448529	1.34007	1.34007	0.368558	1.41911	1.41911	0.0716973	2.14287	2.14287	0.991558	1.00402	1.00402	0.0217774	2.83952	2.83952	0.0315902	2.59945	2.59945	0.175068	1.72739	1.72739	2.43136	5.5313	2.02221	1
cg19877419	LOC728743	0.112646	0.356864	0.711636	-1.40521	0.0688481	2.07714	2.07714	0.557561	0.808215	-1.2373	0.16059	0.583869	-1.71271	0.475268	0.770561	-1.29776	0.130561	0.556462	-1.79707	?	?	?	0.058984	0.465086	-2.15014	0.166222	1.69891	1.69891	2.45605	4.45614	1.81435	1
cg22195512	KCNQ1;KCNQ1	0.112651	0.172941	0.562645	-1.77732	0.842555	1.08205	1.08205	0.0668217	0.442713	-2.2588	0.186928	0.574228	-1.74147	0.0619057	0.434443	-2.3018	0.0869435	0.472546	-2.1162	0.0953457	0.483535	-2.0681	0.0257826	0.349979	-2.85732	0.0494276	0.411006	-2.43305	2.43128	6.05511	2.21378	1
cg01082422	MGAT4B;MGAT4B	0.112654	0.944028	0.988264	-1.01188	0.0852437	1.377	1.377	0.137346	1.30871	1.30871	0.453554	0.879529	-1.13697	0.743434	1.05677	1.05677	0.289422	0.831203	-1.20308	0.0104418	1.71953	1.71953	0.571856	0.90842	-1.10081	0.233069	1.23396	1.23396	2.43125	1.08848	0.397958	1
cg22796507	FOXE3	0.112655	0.00498679	41.7129	41.7129	0.60595	1.68605	1.68605	0.956999	0.947309	-1.05562	0.234118	3.49778	3.49778	0.518483	0.518339	-1.92924	0.571362	0.563136	-1.77577	0.456655	0.467192	-2.14045	0.497467	1.9967	1.9967	0.113913	5.62099	5.62099	2.43124	38.8041	14.1872	1
cg25972340	GRIP2	0.112656	0.0762444	0.456855	-2.18888	0.329934	0.670802	-1.49075	0.0781837	0.459712	-2.17528	0.441043	0.731967	-1.36618	0.00579284	0.237986	-4.20192	0.697973	0.856527	-1.16751	0.997972	0.998991	-1.00101	0.59123	1.24025	1.24025	0.204359	0.587468	-1.70222	2.43124	6.07321	2.22044	1
cg26558591	GSG1L;GSG1L	0.112657	0.0399105	0.178192	-5.61194	0.155229	0.331337	-3.01808	0.430295	0.557292	-1.79439	0.599431	0.680517	-1.46947	0.014205	0.111136	-8.99796	0.227458	0.39845	-2.50973	0.0396085	0.177582	-5.63121	0.492775	0.602955	-1.6585	0.0516928	0.200243	-4.99393	2.43122	20.3097	7.4255	1
cg06392109	TTC15	0.11266	0.544056	1.14619	1.14619	0.242927	1.31196	1.31196	0.414128	1.20382	1.20382	0.409236	1.20628	1.20628	0.088848	0.659006	-1.51744	0.177865	0.727496	-1.37458	0.0393101	1.69865	1.69865	0.076973	0.64598	-1.54804	0.752634	0.932156	-1.07278	2.43119	1.90114	0.695092	1
cg04522531	RPL23;SNORA21	0.112661	0.33346	1.67799	1.67799	0.563825	1.35231	1.35231	0.126876	0.421878	-2.37036	0.0119882	0.186906	-5.35028	0.0861318	2.70351	2.70351	0.474172	1.45766	1.45766	0.688848	0.812196	-1.23123	0.752063	1.17791	1.17791	0.794865	0.874073	-1.14407	2.57745	10.6557	3.2155	1
cg08364956	GRM6	0.112662	0.966272	1.02107	1.02107	0.487163	0.706052	-1.41633	0.656448	0.801929	-1.24699	0.904587	0.94259	-1.06091	0.00836982	0.189939	-5.26485	0.256019	0.557332	-1.79426	0.0119876	0.213231	-4.68975	0.737242	0.847028	-1.1806	0.864475	0.919223	-1.08788	2.43118	9.36013	3.42226	1
cg15715853	GPR171;MED12L	0.112663	0.53179	0.922997	-1.08343	0.79168	1.03406	1.03406	0.0721907	1.28901	1.28901	0.982714	1.00274	1.00274	0.0757982	0.778783	-1.28405	0.940958	0.990672	-1.00942	0.0962513	1.25995	1.25995	0.0333631	0.730092	-1.36969	0.389038	0.894329	-1.11816	2.43116	0.61631	0.225337	1
cg03543731	SLC27A2;SLC27A2;SLC27A2;SLC27A2	0.112663	0.025288	0.681264	-1.46786	0.21611	1.20665	1.20665	0.162073	1.24039	1.24039	0.311007	0.859624	-1.1633	0.255022	0.842409	-1.18707	0.165535	1.23791	1.23791	0.907198	0.983313	-1.01697	0.367186	0.874874	-1.14302	0.189006	1.22239	1.22239	2.43116	0.801802	0.293157	1
cg23068665	TPD52L1;TPD52L1;TPD52L1;TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.112664	0.867374	1.02169	1.02169	0.783354	1.03601	1.03601	0.00978577	1.52087	1.52087	0.829784	0.972743	-1.02802	0.637552	0.940903	-1.06281	0.988047	1.00192	1.00192	0.73655	1.0443	1.0443	0.0205688	1.4306	1.4306	0.11037	1.25025	1.25025	2.43116	0.634453	0.231971	1
cg21212389	DIDO1;DIDO1;DIDO1;DIDO1;DIDO1;C20orf11;DIDO1	0.112665	0.089906	0.667914	-1.4972	0.654678	1.10208	1.10208	0.190297	0.741216	-1.34914	0.21483	1.32567	1.32567	0.385995	0.82541	-1.21152	0.0404907	0.599989	-1.6667	0.0376293	0.594116	-1.68317	0.20188	0.747554	-1.3377	0.47621	1.1693	1.1693	2.43115	1.79485	0.656241	1
cg07960067	MBOAT2	0.112665	0.797324	0.968416	-1.03261	0.757195	1.03943	1.03943	0.061983	1.29963	1.29963	0.317532	1.13752	1.13752	0.517739	0.921474	-1.08522	0.721277	0.95631	-1.04569	0.892042	1.01708	1.01708	0.0085123	1.52005	1.52005	0.0638982	1.29657	1.29657	2.43115	0.598801	0.218937	1
cg00988247	MECOM	0.112667	0.0491989	8.94873	8.94873	0.117751	5.24997	5.24997	0.48023	2.01472	2.01472	0.108188	5.53309	5.53309	0.292416	0.344299	-2.90445	0.89777	1.13368	1.13368	0.682099	0.668973	-1.49483	0.0133254	19.9447	19.9447	0.837771	1.22155	1.22155	2.43113	36.6877	13.4141	1
cg04564980	KNDC1	0.112669	0.132678	0.397306	-2.51695	0.988706	0.99198	-1.00809	0.195302	2.17989	2.17989	0.641626	0.765925	-1.30561	0.0976529	0.355609	-2.81208	0.0424612	3.77849	3.77849	0.0614979	3.31491	3.31491	0.446092	0.642835	-1.55561	0.784602	1.16868	1.16868	2.43111	12.4627	4.55674	1
cg05068987	MAST1	0.112669	0.278677	4.03591	4.03591	0.119692	8.09573	8.09573	0.132285	7.47869	7.47869	0.395007	2.94197	2.94197	0.0561186	14.5813	14.5813	0.193318	5.50193	5.50193	0.0131411	45.1092	45.1092	0.0423666	18.1011	18.1011	0.0642762	13.1342	13.1342	2.43111	59.0775	21.6006	1
cg08447934	ACVRL1;ACVRL1	0.112669	0.152009	0.595465	-1.67936	0.00460408	0.279729	-3.57489	0.0674047	0.500414	-1.99835	0.850861	0.938394	-1.06565	0.244527	0.662809	-1.50873	0.659943	0.861073	-1.16134	0.451617	0.771767	-1.29573	0.241103	0.66064	-1.51368	0.612777	1.18816	1.18816	2.4311	4.39395	1.60657	1
cg00313185	MSTO1	0.112671	0.466166	1.08467	1.08467	0.0247446	1.34045	1.34045	0.206046	1.15742	1.15742	0.469316	0.922483	-1.08403	0.138758	1.19085	1.19085	0.649623	1.0514	1.0514	0.292553	0.887201	-1.12714	0.806494	1.02726	1.02726	0.0188659	1.3658	1.3658	2.43109	0.462525	0.169115	1
cg06071058	BARX1	0.112671	0.222301	2.22528	2.22528	0.932182	0.948304	-1.05451	0.396421	0.581825	-1.71873	0.04461	4.21249	4.21249	0.0471833	4.12199	4.12199	0.365995	0.560332	-1.78465	0.109994	0.337417	-2.96369	0.136438	2.71997	2.71997	0.732343	1.23875	1.23875	2.43109	14.9751	5.47539	1
cg15108645	ADAP1	0.112672	0.281475	1.95733	1.95733	0.00525767	9.09898	9.09898	0.025517	4.91543	4.91543	0.818696	1.1477	1.1477	0.385421	1.70555	1.70555	0.586741	1.38999	1.38999	0.706474	1.25482	1.25482	0.179657	2.35155	2.35155	0.97873	1.01612	1.01612	2.43108	13.8602	5.06779	1
cg19592185	NGEF	0.112673	0.309748	0.661538	-1.51163	0.148683	1.83837	1.83837	0.104624	0.497948	-2.00824	0.789597	1.11085	1.11085	0.00771025	0.260368	-3.84072	0.76602	1.12447	1.12447	0.9966	0.998327	-1.00168	0.458003	0.742992	-1.34591	0.246535	0.621047	-1.61018	2.43107	5.94947	2.17535	1
cg07650406	IFT52	0.112673	0.545002	0.916662	-1.09091	0.144636	0.800464	-1.24928	0.19027	0.821161	-1.21779	0.719341	1.05259	1.05259	0.453867	1.11447	1.11447	0.141384	1.25188	1.25188	0.0193767	1.49424	1.49424	0.382136	0.880453	-1.13578	0.210996	0.829274	-1.20587	2.43107	0.776883	0.284057	1
cg06647694	FRMD7;FRMD7	0.112678	0.0974389	0.320316	-3.12192	0.0829135	0.300616	-3.32651	0.460819	0.625005	-1.59999	0.45326	0.619866	-1.61325	0.054214	0.254712	-3.926	0.0129558	0.145057	-6.89384	0.0453661	0.23767	-4.20752	0.252073	0.472869	-2.11475	0.86952	1.10839	1.10839	2.43103	15.0864	5.51623	1
cg17658568	LOC399959	0.112678	0.53232	1.15921	1.15921	0.171101	0.711496	-1.40549	0.630855	0.893074	-1.11973	0.0695035	0.62237	-1.60676	0.187326	0.721509	-1.38598	0.803933	0.943556	-1.05982	0.0153558	2.00356	2.00356	0.486606	1.17952	1.17952	0.498778	0.851815	-1.17396	2.43102	2.10049	0.768032	1
cg04785903	FAM107B	0.112679	0.264391	0.757582	-1.31999	0.181872	1.4024	1.4024	0.440812	0.828946	-1.20635	0.92137	0.976713	-1.02384	0.0251667	0.529687	-1.88791	0.199747	0.723754	-1.38169	0.0932413	1.55373	1.55373	0.161006	0.699561	-1.42947	0.219107	0.734591	-1.3613	2.43101	2.19291	0.80183	1
cg15459165	LAPTM5	0.11268	0.903607	0.947931	-1.05493	0.871581	0.931087	-1.07401	0.364967	0.663083	-1.50811	0.101016	0.452634	-2.20929	0.355152	0.657167	-1.52168	0.767906	1.13953	1.13953	0.0461163	2.74185	2.74185	0.0162692	0.273382	-3.65789	0.305969	0.626366	-1.59651	2.431	7.5002	2.74243	1
cg07138454	DOCK1	0.11268	0.366453	0.559475	-1.78739	0.45543	0.621363	-1.60937	0.316229	0.52279	-1.91281	0.0502236	4.04404	4.04404	0.0974274	0.320326	-3.12182	0.365383	1.78984	1.78984	0.116795	2.90533	2.90533	0.0922435	3.18981	3.18981	0.446923	0.615566	-1.62452	2.431	15.0842	5.51549	1
cg17868910	DAAM2	0.11268	0.952149	1.0347	1.0347	0.148621	2.41261	2.41261	0.170065	2.29499	2.29499	0.116649	2.63563	2.63563	0.93849	1.04485	1.04485	0.666273	1.27974	1.27974	0.0766483	3.06328	3.06328	0.00476538	8.41805	8.41805	0.692282	1.25374	1.25374	2.431	12.4427	4.54963	1
cg25729942	RBMS3;RBMS3;RBMS3	0.112681	0.17686	0.781088	-1.28027	0.378599	1.16821	1.16821	0.0527882	0.684629	-1.46064	0.806193	0.958576	-1.04321	0.88699	1.02478	1.02478	0.382888	1.1665	1.1665	0.232791	0.806266	-1.24029	0.512277	0.891914	-1.12118	0.00968749	0.569326	-1.75646	2.431	1.14049	0.417018	1
cg04014328	HOXB4	0.112686	0.0406715	1.50899	1.50899	0.0283069	1.56949	1.56949	0.0337193	1.53994	1.53994	0.0507624	1.47326	1.47326	0.805212	1.04395	1.04395	0.700755	0.934983	-1.06954	0.854903	0.968633	-1.03238	0.287901	1.21178	1.21178	0.403174	1.1606	1.1606	2.43095	1.16693	0.426696	1
cg17872861	CYFIP1	0.112688	0.128061	0.624788	-1.60054	0.451611	1.24515	1.24515	0.698458	0.894673	-1.11773	0.252927	1.4069	1.4069	0.0127932	0.413087	-2.4208	0.176458	1.50808	1.50808	0.921909	1.02843	1.02843	0.278735	1.37986	1.37986	0.374442	0.770558	-1.29776	2.43093	3.14689	1.15069	1
cg01090508	RNF138;RNF138	0.112688	0.893587	1.01898	1.01898	0.212391	1.20259	1.20259	0.244607	1.18645	1.18645	0.99333	0.998827	-1.00117	0.85538	0.9747	-1.02596	0.245698	1.18594	1.18594	0.00947253	0.630173	-1.58687	0.114748	0.785913	-1.27241	0.784251	1.0393	1.0393	2.43093	0.759523	0.277726	1
cg14029372	METAP2;METAP2	0.112688	0.256376	1.19936	1.19936	0.762908	1.04752	1.04752	0.310797	1.17459	1.17459	0.0117194	0.616805	-1.62126	0.862966	0.97384	-1.02686	0.400684	0.876341	-1.14111	0.0882215	1.33464	1.33464	0.21304	1.22291	1.22291	0.816594	0.964979	-1.03629	2.43092	0.90652	0.331477	1
cg03788610	GLRA4	0.112689	0.416282	1.5106	1.5106	0.274399	0.568551	-1.75886	0.304857	0.590037	-1.69481	0.0557887	0.340972	-2.93279	0.0273229	0.273488	-3.65646	0.10168	2.4343	2.4343	0.297242	1.71011	1.71011	0.846987	1.10067	1.10067	0.950122	0.969417	-1.03155	2.43092	9.4912	3.47055	1
cg25947773	ACSL3;ACSL3	0.11269	0.837707	1.12135	1.12135	0.163681	0.43601	-2.29352	0.656263	0.778669	-1.28424	0.0764984	3.00548	3.00548	0.473713	0.66569	-1.5022	0.901177	0.932975	-1.07184	0.694644	0.802254	-1.24649	0.00785111	6.71989	6.71989	0.580391	1.36592	1.36592	2.43091	12.0075	4.39067	1
cg13272552	KIAA0831	0.11269	0.103699	0.463708	-2.15653	0.458984	0.722057	-1.38493	0.0998339	0.458928	-2.17899	0.514622	0.751715	-1.33029	0.0533676	0.387587	-2.58007	0.134025	0.497626	-2.00954	0.00911858	0.239151	-4.18146	0.654583	1.21469	1.21469	0.186372	0.546066	-1.83128	2.43091	7.18129	2.62592	1
cg00114963	TBCEL;TBCEL	0.112691	0.0275416	1.61959	1.61959	0.0749341	1.44331	1.44331	0.744543	1.06236	1.06236	0.125593	1.3589	1.3589	0.0814343	1.4295	1.4295	0.0292585	1.6083	1.6083	0.891924	0.975163	-1.02547	0.466207	0.871807	-1.14704	0.341143	1.19899	1.19899	2.4309	1.31779	0.481866	1
cg03338527	EXOC4	0.112692	0.0579284	0.397036	-2.51866	0.448078	0.716654	-1.39537	0.0691457	0.416332	-2.40193	0.90167	0.948131	-1.05471	0.0136058	0.268347	-3.72652	0.123285	0.487045	-2.0532	0.167163	0.530167	-1.8862	0.936442	0.966217	-1.03496	0.046686	0.37476	-2.66837	2.43089	7.14892	2.61411	1
cg20321432	FGF17	0.112693	0.0280825	2.79852	2.79852	0.0948594	2.07136	2.07136	0.144508	1.86228	1.86228	0.0911407	2.09213	2.09213	0.51869	1.29635	1.29635	0.105491	2.01699	2.01699	0.0487944	2.44168	2.44168	0.2536	0.62314	-1.60478	0.488859	1.32172	1.32172	2.43088	6.05903	2.21558	1
cg06060754	RGS14	0.112694	0.598789	1.48075	1.48075	0.0877002	4.02955	4.02955	0.348899	2.04011	2.04011	0.0658635	4.59934	4.59934	0.403447	1.88162	1.88162	0.127682	0.295886	-3.37968	0.406441	1.87373	1.87373	0.407897	0.534781	-1.86992	0.0213546	7.7298	7.7298	2.43087	21.0463	7.69596	1
cg14908122	RNF10	0.112701	0.230306	1.2674	1.2674	0.503081	1.13651	1.13651	0.809249	0.955485	-1.04659	0.361339	1.19325	1.19325	0.0887822	1.424	1.424	0.795069	1.05023	1.05023	0.106702	1.39326	1.39326	0.0777946	0.691393	-1.44636	0.045431	0.649179	-1.54041	2.4308	1.36491	0.499117	1
cg21571245	NQO2	0.112703	0.392864	0.889523	-1.1242	0.105954	0.789644	-1.26639	0.0407517	0.729114	-1.37153	0.0802543	0.771405	-1.29634	0.0340286	0.718259	-1.39225	0.0429238	0.732267	-1.36562	0.676362	1.05775	1.05775	0.231257	0.845397	-1.18288	0.0850769	0.775184	-1.29002	2.43078	0.688685	0.251839	1
cg23163013	TP73;TP73;TP73;TP73	0.112704	0.761988	1.06233	1.06233	0.205867	0.766735	-1.30423	0.0973903	0.696239	-1.43629	0.00514866	0.479319	-2.08629	0.980291	0.995095	-1.00493	0.219465	0.773349	-1.29308	0.204532	0.766069	-1.30537	0.097354	0.696207	-1.43635	0.651904	0.913576	-1.0946	2.43077	1.52521	0.557739	1
cg00183415	HKDC1	0.112707	0.418216	0.405137	-2.4683	0.899024	0.870521	-1.14874	0.802321	0.760345	-1.31519	0.0874969	0.127403	-7.84913	0.0718466	0.111356	-8.9802	0.151238	0.186415	-5.36438	0.00559948	0.0188131	-53.1543	0.135991	0.172943	-5.78226	0.240992	0.261665	-3.82168	2.43075	45.9281	16.7952	1
cg05207583	EGFR;EGFR;EGFR;EGFR	0.112708	0.30614	0.653881	-1.52933	0.134708	0.523816	-1.90907	0.0313233	0.363217	-2.75318	0.875291	0.938969	-1.065	0.112678	1.99843	1.99843	0.741891	1.1417	1.1417	0.0466055	2.49344	2.49344	0.70858	0.860241	-1.16246	0.868219	1.06885	1.06885	2.43073	6.18906	2.26326	1
cg20417953	GPRC5C	0.112711	0.31998	0.638576	-1.56598	0.935838	1.03576	1.03576	0.792456	1.12198	1.12198	0.157377	1.93463	1.93463	0.0814868	0.430518	-2.32278	0.223334	1.74789	1.74789	0.115967	2.10783	2.10783	0.0626549	0.400796	-2.49504	0.140808	1.9965	1.9965	2.4307	7.33308	2.68165	1
cg08039142	ZNF566;ZNF566;ZNF566;ZNF566	0.112712	0.5898	1.09493	1.09493	0.59682	1.09303	1.09303	0.0643328	0.707287	-1.41385	0.733007	1.05871	1.05871	0.153266	0.775064	-1.29022	0.0800753	0.723563	-1.38205	0.0129693	0.59822	-1.67162	0.415952	0.870632	-1.14859	0.163033	0.780283	-1.28159	2.4307	1.06881	0.390855	1
cg23554917	UBASH3B	0.112718	0.709712	1.37338	1.37338	0.0395829	7.53522	7.53522	0.00329846	29.8605	29.8605	0.60216	1.56248	1.56248	0.760907	1.29558	1.29558	0.768616	1.28443	1.28443	0.294537	2.5155	2.5155	0.458071	1.89865	1.89865	0.476832	1.84739	1.84739	2.43064	27.7158	10.1357	1
cg14689715	BPHL;BPHL;BPHL;BPHL	0.112718	0.159368	0.76836	-1.30147	0.0803701	1.40474	1.40474	0.707456	1.06829	1.06829	0.463072	1.13983	1.13983	0.0815455	0.713008	-1.40251	0.790907	1.04766	1.04766	0.0227308	1.61246	1.61246	0.343472	1.18649	1.18649	0.693648	0.932983	-1.07183	2.43064	1.18188	0.432214	1
cg19062379	VPS4B;VPS4B	0.112721	0.912377	0.921026	-1.08575	0.858749	1.14242	1.14242	0.130658	0.290988	-3.43657	0.5	1.67001	1.67001	0.00432833	0.0503748	-19.8512	0.806371	0.832285	-1.20151	0.729947	1.29579	1.29579	0.688131	0.739496	-1.35227	0.40551	1.89313	1.89313	2.5768	22.3127	6.73484	1
cg03840472	PCK1	0.112721	0.619004	1.05824	1.05824	0.106922	1.21986	1.21986	0.168345	0.847253	-1.18028	0.859115	1.02026	1.02026	0.0220468	1.36349	1.36349	0.843893	1.02251	1.02251	0.0252305	1.3505	1.3505	0.387081	1.10529	1.10529	0.200351	1.16502	1.16502	2.43061	0.490802	0.17949	1
cg19008097	CD14;CD14;CD14	0.112722	0.759807	0.825062	-1.21203	0.0727575	3.50881	3.50881	0.231705	2.19592	2.19592	0.416955	0.5944	-1.68237	0.0501114	0.246424	-4.05805	0.188045	0.416971	-2.39825	0.0341609	0.212243	-4.71159	0.663802	0.760137	-1.31555	0.636454	0.741881	-1.34793	2.4306	15.1376	5.53593	1
cg14649914	CSMD3;CSMD3	0.112724	0.219374	1.72707	1.72707	0.0466393	2.62179	2.62179	0.826836	0.911476	-1.09712	0.0509661	0.390411	-2.5614	0.911606	0.954105	-1.0481	0.132639	0.503345	-1.98671	0.0837366	0.444984	-2.24727	0.742874	1.14943	1.14943	0.548578	1.2928	1.2928	2.43058	6.89005	2.51976	1
cg19261597	SBK1	0.112725	0.369438	0.835477	-1.19692	0.0287504	0.604713	-1.65368	0.377094	0.837993	-1.19333	0.256556	0.793791	-1.25978	0.0849704	0.689736	-1.44983	0.0712437	0.675081	-1.4813	0.0217192	0.584316	-1.7114	0.887996	1.02786	1.02786	0.441852	1.16524	1.16524	2.43058	1.46392	0.53537	1
cg19246654	HIPK2;HIPK2	0.112725	0.131256	3.04087	3.04087	0.75895	1.23378	1.23378	0.651725	1.36362	1.36362	0.128897	3.0651	3.0651	0.367294	1.88163	1.88163	0.0719343	3.94002	3.94002	0.0163475	7.41523	7.41523	0.0538608	4.45511	4.45511	0.0307958	5.64794	5.64794	2.43057	17.9346	6.55888	1
cg11464895	UTF1	0.112726	0.0677527	0.321273	-3.11262	0.184755	0.458145	-2.18271	0.346596	1.71231	1.71231	0.651666	1.28683	1.28683	0.138951	0.4132	-2.42013	0.0469291	0.283056	-3.53286	0.650634	0.776471	-1.28788	0.0711842	3.05989	3.05989	0.417644	0.63152	-1.58348	2.43057	11.8537	4.33505	1
cg03876174	PHF1;PHF1;PHF1	0.112727	0.115809	1.24347	1.24347	0.0974298	1.26093	1.26093	0.109851	1.2488	1.2488	0.189762	0.837735	-1.19369	0.237727	0.854134	-1.17078	0.401809	0.896383	-1.11559	0.953586	0.992607	-1.00745	0.507935	1.08939	1.08939	0.0369551	1.36187	1.36187	2.43055	0.625558	0.228776	1
cg12051956	C12orf53	0.112727	0.720765	0.888424	-1.12559	0.0409041	2.17673	2.17673	0.0858154	1.86975	1.86975	0.599052	1.1911	1.1911	0.262485	0.680378	-1.46977	0.0640078	0.503517	-1.98603	0.240746	0.667092	-1.49904	0.948836	1.02138	1.02138	0.203839	0.642713	-1.5559	2.43055	4.18243	1.52958	1
cg00478479	PRX;PRX	0.112728	0.346907	2.65442	2.65442	0.174454	4.28861	4.28861	0.528037	1.90478	1.90478	0.796162	1.29811	1.29811	0.373524	0.39823	-2.51111	0.67847	1.52222	1.52222	0.00816737	30.3229	30.3229	0.0977478	6.24057	6.24057	0.0483596	9.71439	9.71439	2.43055	39.1055	14.3015	1
cg19814116	KCNAB2;KCNAB2;KCNAB2;KCNAB2	0.112728	0.507195	0.761134	-1.31383	0.894445	1.05532	1.05532	0.144505	0.529505	-1.88856	0.428096	0.720231	-1.38844	0.519927	0.767521	-1.3029	0.416159	1.40089	1.40089	0.00811482	3.95466	3.95466	0.167082	1.81753	1.81753	0.599556	0.806615	-1.23975	2.43055	6.33416	2.3165	1
cg08298584	LMF1	0.11273	0.317731	0.662546	-1.50933	0.243153	1.62714	1.62714	0.119773	1.95975	1.95975	0.869414	1.06778	1.06778	0.0144186	0.30059	-3.32679	0.229476	0.604935	-1.65307	0.150626	1.84794	1.84794	0.918862	0.960198	-1.04145	0.820911	0.913585	-1.09459	2.43053	6.11623	2.23682	1
cg15155463	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.112732	0.777008	0.965483	-1.03575	0.0930854	0.795686	-1.25678	0.0676857	0.776305	-1.28815	0.34958	1.1265	1.1265	0.588694	1.06987	1.06987	0.489682	0.916849	-1.09069	0.00839772	0.65935	-1.51665	0.249813	0.861757	-1.16042	0.542974	0.926655	-1.07915	2.4305	0.589106	0.215449	1
cg09362578	GNA12	0.112734	0.138196	0.433048	-2.30921	0.0921555	0.378344	-2.6431	0.0504526	0.310704	-3.2185	0.32194	1.70998	1.70998	0.124783	0.418425	-2.38992	0.804259	0.877924	-1.13905	0.0246575	0.245911	-4.06652	0.12615	0.419956	-2.3812	0.799698	1.1426	1.1426	2.43048	10.5816	3.86994	1
cg21423724	PTPRZ1	0.112736	0.475442	0.916627	-1.09096	0.646377	1.05698	1.05698	0.357141	0.892613	-1.12031	0.253338	1.15385	1.15385	0.526572	0.925919	-1.08001	0.169524	1.19189	1.19189	0.0172136	0.705982	-1.41647	0.0789929	0.79139	-1.2636	0.149231	0.830672	-1.20384	2.43047	0.553894	0.202574	1
cg24585203	BBOX1	0.112739	0.0195376	0.258081	-3.87475	0.172871	0.498483	-2.00609	0.482827	0.710126	-1.4082	0.332044	0.618601	-1.61655	0.0136184	0.231107	-4.327	0.453884	0.693388	-1.44219	0.0345782	0.306448	-3.2632	0.822619	0.89784	-1.11378	0.327652	0.615723	-1.62411	2.43043	8.86677	3.24286	1
cg23080178	C12orf44;C12orf44	0.112741	0.0176232	0.229748	-4.3526	0.930761	0.956701	-1.04526	0.0399292	0.298318	-3.35213	?	?	?	0.743252	1.18225	1.18225	0.493537	1.425	1.425	0.444919	1.48685	1.48685	0.281757	1.76788	1.76788	0.549205	1.36164	1.36164	2.45512	8.96729	3.65248	1
cg05705366	SNX18;SNX18;SNX18	0.112742	0.450132	0.888247	-1.12581	0.0257995	1.50329	1.50329	0.192951	1.23637	1.23637	0.535132	0.907809	-1.10155	0.626032	1.07856	1.07856	0.0997675	0.757461	-1.3202	0.105018	0.761251	-1.31363	0.930615	1.0135	1.0135	0.180476	1.24484	1.24484	2.43041	0.912857	0.333865	1
cg09761352	CRB3;CRB3;CRB3;CRB3	0.112743	0.103861	5.66278	5.66278	0.238991	3.32786	3.32786	0.0266149	12.9605	12.9605	0.823414	1.24348	1.24348	0.422837	0.45014	-2.22153	0.610335	0.605875	-1.6505	0.616047	1.63714	1.63714	0.0140102	19.2601	19.2601	0.318869	2.73026	2.73026	2.4304	36.5901	13.3824	1
cg00954003	TMSB10	0.112748	?	?	?	?	?	?	0.0513259	2.29785	2.29785	0.343872	1.40648	1.40648	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	3.48544	1.32482	0.950254	1
ch.12.2061504	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXNRD1	0.11275	0.0703265	0.199939	-5.00153	0.375935	0.485267	-2.06072	0.0685195	0.197375	-5.06651	0.0732845	0.204069	-4.9003	0.0722767	0.202671	-4.93411	0.0100349	0.0753169	-13.2772	0.201382	0.341765	-2.92599	0.677837	0.717185	-1.39434	0.838439	0.850057	-1.17639	2.43033	24.3723	8.91411	1
cg00666640	OR2T12	0.112751	0.0362713	0.133877	-7.46953	0.044459	0.148622	-6.72846	0.10436	0.230749	-4.33371	0.211786	0.337404	-2.96381	0.0317075	0.124928	-8.00459	0.0669609	0.183387	-5.45295	0.213044	0.338519	-2.95404	0.10843	0.235413	-4.24785	0.0750916	0.194536	-5.14044	2.43033	26.26	9.60454	1
cg02267992	FAM193B;FAM193B	0.112751	0.237648	0.560266	-1.78487	0.131403	0.466389	-2.14413	0.934313	0.962131	-1.03936	0.321946	0.61928	-1.61478	0.348248	0.636181	-1.57188	0.082644	0.406491	-2.46008	0.00487489	0.174163	-5.74174	0.109307	0.441436	-2.26534	0.153766	0.489096	-2.04459	2.43033	8.4422	3.08773	1
cg25907853	TNFRSF19;TNFRSF19	0.112752	0.375735	0.817826	-1.22275	0.0316563	0.572743	-1.74598	0.0286366	0.564867	-1.77033	0.0533402	0.615349	-1.62509	0.743377	0.929902	-1.07538	0.930145	1.01959	1.01959	0.379711	1.22061	1.22061	0.884148	0.96826	-1.03278	0.0689398	0.637454	-1.56874	2.43032	1.88373	0.688975	1
cg05876899	PDZD4	0.112753	0.626149	0.733742	-1.36288	0.202621	2.33558	2.33558	0.859061	0.893967	-1.11861	0.903176	1.07977	1.07977	0.00515457	0.0973529	-10.2719	0.101033	0.322228	-3.1034	0.579805	1.42287	1.42287	0.877439	1.10221	1.10221	0.558616	0.688659	-1.4521	2.4303	15.3069	5.59853	1
cg10086720	SLC39A7;RXRB;SLC39A7	0.112755	0.0481648	0.337888	-2.95956	0.283102	0.585171	-1.7089	0.247309	0.559229	-1.78818	0.400263	0.661196	-1.51241	0.242397	0.555527	-1.80009	0.168154	0.493773	-2.02522	0.0144393	0.234939	-4.25642	0.0153349	0.239326	-4.17841	0.599066	0.774994	-1.29033	2.43029	8.8856	3.24995	1
cg15002761	IGSF9B	0.112755	0.366895	0.410642	-2.43521	0.0227466	13.7039	13.7039	0.103201	5.53715	5.53715	0.170216	4.06561	4.06561	0.813994	0.797476	-1.25396	0.171534	4.04588	4.04588	0.0784719	0.153088	-6.53219	0.7139	1.42413	1.42413	0.622192	1.61107	1.61107	2.43029	35.4866	12.9794	1
cg02861775	C6orf176	0.112756	0.102001	5.21714	5.21714	0.34808	2.43916	2.43916	0.283961	0.357947	-2.79371	0.158206	4.02442	4.02442	0.326436	2.54746	2.54746	0.343588	2.46082	2.46082	0.0384172	9.1518	9.1518	0.0368549	9.37249	9.37249	0.0390289	9.06923	9.06923	2.43028	32.7882	11.9925	1
cg07955126	LRPAP1	0.112758	0.0959611	1.84522	1.84522	0.320876	1.41008	1.41008	0.711926	1.13233	1.13233	0.047322	2.13898	2.13898	0.550707	0.816867	-1.22419	0.295038	1.43887	1.43887	0.0690099	1.97735	1.97735	0.0109419	2.91544	2.91544	0.238384	1.51252	1.51252	2.43026	4.32105	1.58046	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02888490	TRIM15	0.11276	0.0625393	0.265407	-3.7678	0.240699	0.45963	-2.17567	0.205731	0.429642	-2.32752	0.152728	0.37937	-2.63595	0.0281895	0.193948	-5.15602	0.327557	0.527504	-1.89572	0.0147951	0.149876	-6.6722	0.0523884	0.247551	-4.03958	0.250527	0.467724	-2.13801	2.43024	15.4154	5.63837	1
cg21034023	UGGT2	0.11276	0.752045	1.04484	1.04484	0.284171	1.16645	1.16645	0.0104354	0.640057	-1.56236	0.620491	1.07151	1.07151	0.138228	0.801821	-1.24716	0.589545	0.927399	-1.07828	0.899897	1.01757	1.01757	0.331896	1.14858	1.14858	0.130207	1.25381	1.25381	2.43023	0.737067	0.269592	1
cg16003672	DIRC3	0.112765	0.889417	0.97224	-1.02855	0.0992697	1.44147	1.44147	0.0550049	0.643841	-1.55318	0.675081	0.918225	-1.08906	0.0394709	1.61933	1.61933	0.29859	1.24362	1.24362	0.103299	1.43416	1.43416	0.624656	0.905032	-1.10493	0.460124	0.85883	-1.16437	2.43019	1.57613	0.576499	1
cg13419927	PPM1J	0.112766	0.160082	0.816918	-1.22411	0.886301	0.980909	-1.01946	0.172246	1.21623	1.21623	0.73676	0.955563	-1.0465	0.546463	0.921063	-1.0857	0.185455	0.827638	-1.20826	0.0481229	0.737617	-1.35572	0.0528512	1.34513	1.34513	0.204438	1.19772	1.19772	2.43018	0.698646	0.255545	1
cg00790438	ARHGAP25;ARHGAP25;ARHGAP25;ARHGAP25	0.112767	0.188376	1.28214	1.28214	0.918738	0.981967	-1.01836	0.329933	1.19635	1.19635	0.0587158	1.46338	1.46338	0.00584722	1.90299	1.90299	0.718349	0.937457	-1.06672	0.0908016	1.39406	1.39406	0.455238	1.14525	1.14525	0.482188	1.13584	1.13584	2.43017	1.22381	0.447634	1
cg19022625	USP1;USP1;USP1	0.112767	0.547671	0.88105	-1.13501	0.0402898	0.610712	-1.63743	0.882431	0.969667	-1.03128	0.544283	0.880082	-1.13626	0.229715	1.29994	1.29994	0.0302903	0.588546	-1.6991	0.0654829	0.650299	-1.53775	0.717478	0.927156	-1.07857	0.212293	1.3145	1.3145	2.43017	1.66749	0.609921	1
cg00232453	EHMT2;EHMT2	0.112767	0.199888	0.66237	-1.50973	0.256794	1.43337	1.43337	0.0865538	1.77869	1.77869	0.481844	0.804563	-1.24291	0.276303	0.708604	-1.41123	0.904281	1.03727	1.03727	0.0373805	0.479586	-2.08513	0.0442043	0.495029	-2.02008	0.824346	0.934615	-1.06996	2.43017	3.56125	1.30261	1
cg00905312	TRIP12	0.112767	0.422024	0.790656	-1.26477	0.462586	1.23881	1.23881	0.870777	0.954445	-1.04773	0.828616	0.9398	-1.06406	0.00343176	0.32032	-3.12188	0.911191	0.968552	-1.03247	0.342977	1.32286	1.32286	0.421687	1.265	1.265	0.549547	0.84079	-1.18936	2.43017	3.15683	1.15468	1
cg15710971	WSB1;WSB1	0.112768	0.0490394	0.602837	-1.65882	0.117367	0.681762	-1.46679	0.0384448	0.582655	-1.71628	0.497469	0.856294	-1.16782	0.0269311	0.554244	-1.80426	0.352594	1.24041	1.24041	0.148755	0.705537	-1.41736	0.194039	0.733833	-1.36271	0.82417	0.951116	-1.0514	2.43016	1.9524	0.714134	1
cg13614083	KCNAB2;KCNAB2	0.112771	0.882225	1.04287	1.04287	0.0260443	2.11237	2.11237	0.171308	1.51041	1.51041	0.676663	1.12608	1.12608	0.662343	1.13248	1.13248	0.586413	1.16828	1.16828	0.00623101	2.74424	2.74424	0.112595	1.63074	1.63074	0.388619	1.28424	1.28424	2.43014	3.08529	1.12853	1
cg07453857	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.112771	0.186472	0.438973	-2.27804	0.0261289	0.21193	-4.71853	0.0897248	0.332982	-3.00316	0.58904	0.725691	-1.378	0.0293264	0.221122	-4.52239	0.131657	0.38416	-2.60308	0.0246472	0.207419	-4.82117	0.167777	0.421355	-2.3733	0.574776	0.716605	-1.39547	2.43013	13.301	4.86521	1
cg17738249	CKAP4	0.112772	0.791029	0.944187	-1.05911	0.701838	1.08674	1.08674	0.586753	0.888085	-1.12602	0.0771587	1.52954	1.52954	0.998442	1.00042	1.00042	0.115415	1.44792	1.44792	0.00954414	0.491693	-2.03379	0.865591	1.03732	1.03732	0.527584	1.14845	1.14845	2.43012	1.79995	0.658385	1
cg03065467	LOC641518;LOC641518	0.112774	0.850216	0.952043	-1.05037	0.296786	0.754873	-1.32473	0.00484908	2.64079	2.64079	0.40675	0.802019	-1.24685	0.621441	0.878627	-1.13814	0.252906	0.733132	-1.36401	0.744785	0.918594	-1.08862	0.372544	1.26869	1.26869	0.904421	1.03172	1.03172	2.4301	2.60085	0.951343	1
cg21112796	ATP2B3;ATP2B3	0.112779	0.881488	1.07803	1.07803	0.0377593	0.297144	-3.36538	0.18528	0.492869	-2.02894	0.0264911	0.265832	-3.76177	0.0281111	0.270852	-3.69205	0.340655	1.63979	1.63979	0.88655	0.930625	-1.07455	0.866027	0.918473	-1.08876	0.679057	0.81095	-1.23312	2.43006	9.76271	3.5711	1
cg05983698	SLC27A5	0.112782	0.441213	1.15404	1.15404	0.650961	1.08664	1.08664	0.141059	0.749176	-1.3348	0.274829	1.23031	1.23031	0.0288811	1.60004	1.60004	0.0494776	1.5052	1.5052	0.297153	0.821045	-1.21796	0.107984	1.37704	1.37704	0.370221	1.18278	1.18278	2.43002	1.28079	0.468506	1
cg17679427	CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.112784	0.286835	0.686814	-1.456	0.207731	1.57026	1.57026	0.0749717	0.509859	-1.96133	0.203725	0.634014	-1.57725	0.716899	1.13167	1.13167	0.663879	1.16012	1.16012	0.302254	0.69557	-1.43767	0.0243802	2.48744	2.48744	0.274452	0.679588	-1.47148	2.43001	4.44077	1.62442	1
cg09151583	GAK	0.112786	0.0149963	0.482017	-2.07462	0.434984	0.823337	-1.21457	0.256428	0.748948	-1.33521	0.0853485	0.628662	-1.59068	0.235224	0.738151	-1.35474	0.0380753	0.556131	-1.79814	0.244056	1.34639	1.34639	0.355925	0.793157	-1.26079	0.987972	1.00369	1.00369	2.42999	2.29207	0.838437	1
cg20098478	WIF1	0.112786	0.148202	1.6449	1.6449	0.603042	0.845064	-1.18334	0.352003	1.35978	1.35978	0.272055	1.44317	1.44317	0.0875035	1.83173	1.83173	0.100314	0.561201	-1.78189	0.610779	0.84815	-1.17904	0.0280839	2.29868	2.29868	0.149145	1.64274	1.64274	2.42999	3.96228	1.4494	1
cg00971332	TMPRSS13	0.112786	0.187884	0.564204	-1.77241	0.0677343	0.432023	-2.31469	0.0671952	0.431142	-2.31942	0.0643793	0.426455	-2.34491	0.412097	0.708966	-1.4105	0.288278	0.636264	-1.57168	0.635947	0.822366	-1.216	0.00803495	0.248383	-4.02604	0.128711	0.509973	-1.96089	2.42999	6.47355	2.36802	1
cg10496082	DUOX1;DUOX1;DUOXA1	0.112787	0.587022	1.86679	1.86679	0.0271364	23.6056	23.6056	0.533247	0.487214	-2.05249	0.0397279	0.0579685	-17.2507	?	?	?	?	?	?	0.669458	0.613777	-1.62926	0.443577	2.44048	2.44048	0.490518	2.22299	2.22299	2.83255	42.7513	12.9368	1
cg15096369	C20orf7;C20orf7;ESF1;C20orf7	0.112788	0.497899	0.878577	-1.1382	0.52864	1.1276	1.1276	0.112967	1.3834	1.3834	0.0728513	1.45707	1.45707	0.170553	0.759912	-1.31594	0.178555	0.764241	-1.30849	0.576285	1.11205	1.11205	0.309226	1.21893	1.21893	0.03131	1.60837	1.60837	2.42997	1.36202	0.498232	1
cg11344950	THEM5;THEM5	0.112789	0.0485589	0.289672	-3.45218	0.0323158	0.252025	-3.96785	0.514361	0.695167	-1.4385	0.138714	0.416274	-2.40227	0.0575736	0.307017	-3.25715	0.103438	0.37556	-2.66269	0.0397391	0.270506	-3.69678	0.0555717	0.303327	-3.29677	0.22487	0.496097	-2.01574	2.42996	11.6368	4.25678	1
cg12058587	TMEM132E	0.112795	0.172998	0.678719	-1.47336	0.762934	0.922332	-1.08421	0.329007	1.30898	1.30898	0.327694	0.763358	-1.31	0.938834	0.979698	-1.02072	0.397939	0.793489	-1.26026	0.00891481	0.410944	-2.43342	0.0321441	0.511322	-1.95572	0.262424	0.731765	-1.36656	2.42991	2.74892	1.00559	1
cg24645670	TCHH	0.112796	0.952271	1.01129	1.01129	0.161384	1.32384	1.32384	0.734848	1.06584	1.06584	0.828799	0.960194	-1.04146	0.0484894	0.655204	-1.52624	0.422947	0.85768	-1.16594	0.868535	0.969405	-1.03156	0.0636414	1.47863	1.47863	0.0334606	0.627469	-1.59371	2.42989	1.354	0.495312	1
cg16815825	LRRC40;SFRS11	0.112798	0.964709	1.0058	1.0058	0.398096	1.11983	1.11983	0.0219063	1.43291	1.43291	0.0694754	0.766736	-1.30423	0.584313	1.07494	1.07494	0.795224	0.966551	-1.03461	0.0674464	0.764886	-1.30738	0.3514	1.13366	1.13366	0.406984	1.11735	1.11735	2.42988	0.658486	0.240885	1
cg03900143	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.112803	0.455861	1.2139	1.2139	0.823793	1.05857	1.05857	0.450817	1.21665	1.21665	0.831356	0.947023	-1.05594	0.423931	0.811849	-1.23176	0.382163	0.795522	-1.25704	0.359934	0.786442	-1.27155	0.00446849	2.63204	2.63204	0.272659	1.33831	1.33831	2.42983	2.50696	0.917104	1
cg10122474	GALC;GALC	0.112803	0.352731	0.877693	-1.13935	0.674986	0.94409	-1.05922	0.389656	0.886686	-1.12779	0.517204	0.914311	-1.09372	0.361275	0.879826	-1.13659	0.180637	0.823709	-1.21402	0.0059095	0.611833	-1.63443	0.673517	0.943827	-1.05952	0.0994815	1.27933	1.27933	2.42983	0.716246	0.26202	1
cg11478320	CSMD3;CSMD3	0.112803	0.0184012	0.158568	-6.30644	0.391578	1.7598	1.7598	0.660458	1.32927	1.32927	0.688487	0.771444	-1.29627	0.401628	0.575376	-1.73799	0.723342	0.795442	-1.25716	0.0135175	0.139692	-7.1586	0.138538	0.358165	-2.79201	0.558123	0.682943	-1.46425	2.42983	15.9546	5.83658	1
cg09462576	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.112805	0.0793396	0.183914	-5.43733	0.154457	0.265767	-3.76269	0.451379	0.513192	-1.94859	0.703849	0.717465	-1.3938	0.130648	0.241925	-4.13352	0.212267	0.319102	-3.1338	0.0111975	0.0630786	-15.8532	0.0443472	0.134271	-7.44764	0.0562185	0.152614	-6.55248	2.42981	29.0865	10.6406	1
cg18833133	SAMD12;SAMD12	0.112806	0.373497	0.618881	-1.61582	0.0529123	3.17558	3.17558	0.237718	1.91487	1.91487	0.053684	0.316394	-3.16062	0.042774	0.293798	-3.4037	0.841296	0.900051	-1.11105	0.443913	1.50678	1.50678	0.632473	1.28799	1.28799	0.596458	0.75527	-1.32403	2.42979	10.6166	3.88387	1
cg12663656	CCDC64;CCDC64	0.112807	0.342142	0.852082	-1.1736	0.0745646	1.38386	1.38386	0.311084	0.842484	-1.18697	0.0515642	1.43679	1.43679	0.686728	0.935843	-1.06856	0.0650994	0.712685	-1.40314	0.202175	0.802333	-1.24637	0.204559	0.803365	-1.24476	0.701271	0.938908	-1.06507	2.42979	1.02931	0.37655	1
cg05762338	KRTAP1-5	0.112811	0.126791	0.274109	-3.64819	0.161105	0.309459	-3.23144	0.0483589	0.170717	-5.85764	0.82093	1.19442	1.19442	0.0657303	0.198237	-5.04447	0.278756	0.413734	-2.41701	0.00982929	0.0775078	-12.9019	0.446023	0.54404	-1.8381	0.145929	0.294247	-3.3985	2.42975	23.632	8.64542	1
cg09227621	WNT3A	0.112811	0.0333107	22.1115	22.1115	0.089092	10.317	10.317	0.273875	0.242396	-4.12547	0.293579	3.8808	3.8808	0.632177	0.548676	-1.82257	0.393587	0.336989	-2.96745	0.537802	0.460013	-2.17385	0.863158	0.80677	-1.23951	0.0345463	21.4959	21.4959	2.42975	59.6152	21.8094	1
cg19758750	C1orf159	0.112812	0.0392979	0.354293	-2.82252	0.385173	1.47315	1.47315	0.0641449	0.404469	-2.47238	0.132819	0.493777	-2.02521	0.0206587	0.297407	-3.3624	0.500446	0.742603	-1.34661	0.61368	1.24795	1.24795	0.465661	0.723927	-1.38135	0.197014	0.552406	-1.81026	2.42974	7.28599	2.66548	1
cg04554004	NME1;NME1-NME2;NME1	0.112814	0.0808183	1.58415	1.58415	0.959679	0.988059	-1.01209	0.103904	1.52579	1.52579	0.235929	1.34329	1.34329	0.910195	1.02717	1.02717	0.381809	0.808051	-1.23755	0.142572	0.687629	-1.45427	0.862263	0.959577	-1.04213	0.0283016	0.540518	-1.85008	2.42973	2.17266	0.794845	1
cg15091747	RUNX1	0.112815	0.0966651	3.31563	3.31563	0.0402266	4.74824	4.74824	0.194701	2.46356	2.46356	0.85514	0.88682	-1.12762	0.327354	0.514506	-1.94361	0.508201	0.643285	-1.55452	0.28243	0.479932	-2.08363	0.0339494	5.08929	5.08929	0.407187	1.74589	1.74589	2.42971	16.6231	6.08141	1
cg23733123	MARVELD1;MARVELD1	0.11282	0.0427445	0.263769	-3.7912	0.448528	1.55473	1.55473	0.844015	1.11914	1.11914	0.710557	1.23737	1.23737	0.0550614	0.288563	-3.46545	0.254029	0.506333	-1.97498	0.190532	0.452921	-2.20789	0.0507058	0.280247	-3.56828	0.0491769	0.27722	-3.60725	2.42967	12.5626	4.59602	1
cg22767079	KDELC1;BIVM;KDELC1;BIVM	0.11282	0.375009	0.877444	-1.13967	0.863507	0.975596	-1.02501	0.528573	1.09601	1.09601	0.719762	0.949583	-1.05309	0.516085	0.909784	-1.09916	0.490989	0.904429	-1.10567	0.0111289	0.633193	-1.5793	0.191974	0.820104	-1.21936	0.0130866	0.642789	-1.55572	2.42966	0.793397	0.290263	1
cg26918279	FOXF1	0.112822	0.997365	1.00064	1.00064	0.636821	0.91167	-1.09689	0.526587	0.882709	-1.13288	0.181868	1.31724	1.31724	0.145433	0.737884	-1.35523	0.739454	0.937162	-1.06705	0.00449481	0.478797	-2.08857	0.92756	0.982474	-1.01784	0.595783	1.10971	1.10971	2.42965	1.45488	0.53227	1
cg18723572	TMEM132D	0.112822	0.549179	1.38704	1.38704	0.360038	0.601712	-1.66192	0.221479	0.499714	-2.00114	0.404108	1.58541	1.58541	0.675569	1.2551	1.2551	0.987361	1.00859	1.00859	0.0974659	2.6689	2.6689	0.674719	1.2559	1.2559	0.00844708	0.162782	-6.14319	2.42964	11.213	4.1023	1
cg04304216	GLS	0.112828	0.412108	1.39626	1.39626	0.587666	1.24347	1.24347	0.638042	1.20757	1.20757	0.97401	1.01305	1.01305	0.189356	0.574995	-1.73914	0.207555	1.69719	1.69719	0.0208773	0.330671	-3.02415	0.93393	1.03355	1.03355	0.0304535	0.363357	-2.75211	2.42959	6.09631	2.23039	1
cg02383325	RNF215	0.112831	0.778624	0.94516	-1.05802	0.279363	1.25241	1.25241	0.75213	0.938559	-1.06546	0.00879866	0.512919	-1.94963	0.17814	0.751011	-1.33154	0.839931	1.0413	1.0413	0.333607	1.2209	1.2209	0.345345	1.21471	1.21471	0.191482	1.31884	1.31884	2.42956	1.54112	0.563841	1
cg06680065	LGR5	0.112832	0.0488858	0.292067	-3.42388	0.0253625	0.233522	-4.28226	0.0893621	0.358776	-2.78726	0.614651	0.75745	-1.32022	0.044022	0.281849	-3.54799	0.219617	0.493419	-2.02668	0.326549	0.574476	-1.74072	0.0266882	0.237637	-4.2081	0.273286	0.53584	-1.86623	2.42955	11.5232	4.21596	1
cg13817994	ZNF275	0.112833	0.0288356	0.309249	-3.23364	0.103646	0.444701	-2.2487	0.325783	0.630038	-1.58721	0.84961	1.09028	1.09028	0.335434	0.636181	-1.57188	0.148371	0.493664	-2.02567	0.0281101	0.307014	-3.25718	0.0315394	0.317229	-3.1523	0.853324	1.08792	1.08792	2.42954	7.97742	2.91867	1
cg01383934	AATK	0.112835	0.906743	0.981639	-1.0187	0.267355	0.833001	-1.20048	0.630327	0.926185	-1.0797	0.493893	1.11612	1.11612	0.578062	0.914982	-1.09292	0.0118332	1.64373	1.64373	0.0291206	1.50172	1.50172	0.861222	0.972709	-1.02806	0.628639	0.925829	-1.08011	2.42952	0.962165	0.352028	1
cg23379208	GNL1	0.112836	0.0773419	0.472327	-2.11718	0.558503	1.25359	1.25359	0.0973492	2.0036	2.0036	0.708169	0.866203	-1.15446	0.0533702	0.432446	-2.31243	0.321181	0.676032	-1.47922	0.029753	0.376397	-2.65677	0.566904	0.801639	-1.24744	0.320059	0.675377	-1.48065	2.42951	5.61455	2.0542	1
cg12788108	C17orf64	0.112837	0.152797	2.85894	2.85894	0.510254	1.5812	1.5812	0.100966	3.42899	3.42899	0.871324	1.11762	1.11762	0.109445	0.302019	-3.31105	0.373204	1.87221	1.87221	0.512703	1.57689	1.57689	0.0223537	6.53871	6.53871	0.0478449	4.72112	4.72112	2.4295	18.1082	6.62529	1
cg25917423	ARHGEF4;ARHGEF4	0.112838	0.586152	0.813875	-1.22869	0.0475958	2.33684	2.33684	0.050928	2.30034	2.30034	0.671805	0.85244	-1.1731	0.214935	0.613204	-1.63078	0.426114	1.35588	1.35588	0.741464	0.883351	-1.13205	0.426234	0.737587	-1.35577	0.0376738	2.46751	2.46751	2.42949	5.40044	1.97588	1
cg24952744	ATP2B2;ATP2B2	0.112839	0.0382712	0.57562	-1.73726	0.452518	1.19249	1.19249	0.454489	1.19154	1.19154	0.257117	0.761817	-1.31265	0.0448255	0.588772	-1.69845	0.257952	0.762212	-1.31197	0.0967409	0.657452	-1.52102	0.0814011	0.641262	-1.55943	0.486132	1.17678	1.17678	2.42948	2.03585	0.744867	1
cg13511098	LOC100128292;DLG5;DLG5	0.112842	0.0157607	0.691446	-1.44624	0.613229	0.938412	-1.06563	0.252201	1.16087	1.16087	0.389777	0.895917	-1.11618	0.0216084	0.708915	-1.41061	0.44581	0.907627	-1.10177	0.231304	0.855061	-1.16951	0.54556	1.07927	1.07927	0.350482	0.887057	-1.12732	2.42945	0.598425	0.218952	1
cg09762515	CUX1;CUX1;CUX1	0.112847	0.095636	0.281428	-3.5533	0.428453	1.75055	1.75055	0.57302	1.48359	1.48359	0.125348	0.31695	-3.15507	0.108722	0.297673	-3.35939	0.288745	0.466356	-2.14428	0.220175	0.409464	-2.44222	0.0154433	0.127673	-7.83248	0.0909907	0.275388	-3.63124	2.42941	18.4596	6.75413	1
cg12509442	VSTM2A	0.112848	0.660092	0.923771	-1.08252	0.0357961	1.54905	1.54905	0.706968	0.934576	-1.07	0.198286	0.783809	-1.27582	0.970783	1.00658	1.00658	0.548079	0.896825	-1.11504	0.0153904	0.586963	-1.70369	0.290632	1.21711	1.21711	0.744201	1.06042	1.06042	2.4294	1.23507	0.451897	1
cg14403309	PRRG1;PRRG1	0.112849	0.139565	1.64788	1.64788	0.862389	0.946953	-1.05602	0.278407	0.701812	-1.42488	0.0274926	0.440807	-2.26857	0.0405013	0.475543	-2.10286	0.59477	1.18373	1.18373	0.429753	1.28818	1.28818	0.968282	1.01257	1.01257	0.129871	0.598078	-1.67202	2.42939	3.79772	1.38954	1
cg22169020	GRPR;GRPR	0.112853	0.115126	0.676395	-1.47843	0.18114	0.723236	-1.38267	0.00674938	0.448649	-2.22891	0.545675	0.869733	-1.14978	0.277496	0.772786	-1.29402	0.801131	1.05929	1.05929	0.328113	0.794235	-1.25907	0.0378761	0.577256	-1.73233	0.180514	0.722858	-1.3834	2.42935	2.00409	0.733287	1
cg04488853	CCKBR	0.112857	0.261205	0.464595	-2.15241	0.0705357	3.75197	3.75197	0.865173	0.894777	-1.1176	0.919394	0.935921	-1.06847	0.0893218	0.293565	-3.40641	0.788411	0.838632	-1.19242	0.331462	0.519159	-1.92619	0.0104981	0.12161	-8.22302	0.753636	0.813848	-1.22873	2.42931	16.4681	6.02569	1
cg04106903	SLC35D1	0.112857	0.162924	0.807665	-1.23814	0.0177596	1.51198	1.51198	0.130379	1.26402	1.26402	0.328846	1.1555	1.1555	0.130983	1.26348	1.26348	0.701546	0.946272	-1.05678	0.328505	0.865331	-1.15563	0.328935	0.865449	-1.15547	0.659017	1.06576	1.06576	2.42931	0.791378	0.289567	1
cg01191578	PFKFB1;PFKFB1	0.112858	0.943644	0.954588	-1.04757	0.667053	0.752378	-1.32912	0.141921	0.354138	-2.82376	0.0866097	0.288144	-3.47049	0.0134207	0.133635	-7.48307	0.344919	1.89557	1.89557	0.693621	0.770832	-1.2973	0.672137	0.755901	-1.32292	0.0300955	0.186956	-5.34884	2.42931	16.6275	6.08402	1
cg21696636	NXN	0.112858	0.79576	1.20888	1.20888	0.0216306	7.51498	7.51498	0.0252366	7.00075	7.00075	0.876854	1.12009	1.12009	0.0715037	0.229498	-4.35735	0.703266	1.32298	1.32298	0.545873	1.56362	1.56362	0.929938	0.937714	-1.06642	0.685686	0.742631	-1.34656	2.4293	20.5773	7.5293	1
cg17071192	GNASAS;GNAS	0.112861	0.172435	0.763072	-1.31049	0.053186	0.664294	-1.50536	0.492952	0.8784	-1.13843	0.41132	0.855195	-1.16932	0.62917	1.09483	1.09483	0.295932	1.22361	1.22361	0.0201607	1.68505	1.68505	0.31121	1.21542	1.21542	0.958973	1.00962	1.00962	2.42928	1.33395	0.4881	1
cg18060030	MECOM	0.112861	0.421133	0.825383	-1.21156	0.696715	1.09578	1.09578	0.140903	0.690858	-1.44748	0.186332	1.38702	1.38702	0.363926	0.804229	-1.24343	0.122849	1.47753	1.47753	0.129544	1.46586	1.46586	0.140622	1.44791	1.44791	0.0620924	0.612322	-1.63313	2.42927	2.09797	0.767662	1
cg16597345	CORO7;CORO7	0.112865	0.251999	1.1491	1.1491	0.481392	0.920246	-1.08667	0.470829	1.08893	1.08893	0.0450585	0.76561	-1.30615	0.120834	1.21577	1.21577	0.188049	0.850437	-1.17587	0.0671327	1.2691	1.2691	0.17405	1.18287	1.18287	0.916793	0.987936	-1.01221	2.42924	0.518944	0.189889	1
cg22724921	FAM22A	0.112866	0.0243395	0.35337	-2.8299	0.146354	0.54642	-1.8301	0.148766	0.548667	-1.8226	0.0978697	0.494661	-2.02159	0.0138787	0.307785	-3.24902	0.0687232	0.453978	-2.20275	0.153345	0.552869	-1.80875	0.410685	0.721738	-1.38555	0.518649	0.775981	-1.28869	2.42923	5.78053	2.11518	1
cg24562819	THBD	0.112871	0.260151	0.64074	-1.5607	0.201527	0.599217	-1.66884	0.576509	0.808333	-1.23711	0.28223	0.654922	-1.5269	0.350986	0.695558	-1.43769	0.76212	0.891934	-1.12116	0.0826548	0.479335	-2.08622	0.0166404	3.11668	3.11668	0.142701	0.548862	-1.82195	2.57519	5.66068	1.70968	1
cg19553721	FAM106A	0.112873	0.818391	0.925506	-1.08049	0.0406261	0.451264	-2.216	0.0298094	0.422913	-2.36455	0.0863836	0.528536	-1.89202	0.892119	1.04673	1.04673	0.806518	0.920724	-1.0861	0.355247	1.37726	1.37726	0.0472154	0.465669	-2.14745	0.673758	1.15318	1.15318	2.42916	4.35871	1.59496	1
cg06128608	VAV2;VAV2	0.112873	0.0304091	0.378327	-2.64322	0.0813665	2.09182	2.09182	0.812889	0.913396	-1.09482	0.958983	1.01984	1.01984	0.035653	0.392931	-2.54498	0.49255	1.30508	1.30508	0.167725	0.570224	-1.7537	0.39801	0.7185	-1.39179	0.434511	0.7374	-1.35612	2.42916	5.61476	2.05458	1
cg21565150	FAS;FAS;FAS;FAS;FAS;ACTA2;ACTA2;FAS;FAS	0.112873	0.0313459	0.655498	-1.52556	0.166977	1.27942	1.27942	0.0982441	1.35432	1.35432	0.405821	0.867418	-1.15285	0.773442	1.04946	1.04946	0.495807	0.890776	-1.12262	0.0825899	0.725033	-1.37925	0.500564	1.12114	1.12114	0.287389	1.20291	1.20291	2.42916	1.0761	0.393773	1
cg23686113	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2	0.112874	0.824061	0.920671	-1.08616	0.0154068	3.01494	3.01494	0.0477659	2.31674	2.31674	0.266836	1.53635	1.53635	0.619411	1.20425	1.20425	0.94152	1.02761	1.02761	0.215907	0.616669	-1.62161	0.0604893	2.19397	2.19397	0.85069	1.07245	1.07245	2.42915	5.30069	1.93966	1
cg08228115	PARD6B	0.112874	0.0888627	1.87398	1.87398	0.758427	0.90191	-1.10876	0.838311	0.933906	-1.07077	0.0794781	0.52128	-1.91836	0.543979	1.2282	1.2282	0.0272948	2.39675	2.39675	0.816729	0.925249	-1.08079	0.346111	0.72273	-1.38364	0.0917925	1.86124	1.86124	2.42915	4.30909	1.57681	1
cg13208732	CHCHD7;CHCHD7;CHCHD7;CHCHD7;PLAG1;CHCHD7;PLAG1;CHCHD7;PLAG1;CHCHD7;CHCHD7;CHCHD7;CHCHD7;CHCHD7	0.112877	0.335349	1.13791	1.13791	0.786506	0.965311	-1.03594	0.246134	1.17085	1.17085	0.707799	1.05018	1.05018	0.0877779	1.27769	1.27769	0.0460522	0.742824	-1.34621	0.477262	0.910307	-1.09853	0.111115	1.25321	1.25321	0.0504002	1.33644	1.33644	2.42912	0.650608	0.238078	1
cg15966877	UNC13A	0.112882	0.662832	1.08067	1.08067	0.00743998	1.83965	1.83965	0.708124	1.06877	1.06877	0.355898	0.845408	-1.18286	0.776764	0.950971	-1.05156	0.168683	1.29611	1.29611	0.0448983	1.50242	1.50242	0.774225	0.95041	-1.05218	0.899392	0.97788	-1.02262	2.42908	1.20315	0.440276	1
cg07104958	ANUBL1;ANUBL1	0.112882	0.911366	1.0553	1.0553	0.111817	2.30938	2.30938	0.306186	1.66874	1.66874	0.0461177	3.01789	3.01789	0.212674	0.530245	-1.88592	0.826886	1.11167	1.11167	0.225384	1.85042	1.85042	0.124067	2.23663	2.23663	0.017088	4.07604	4.07604	2.42908	8.98762	3.2889	1
cg15878471	SHMT1;SHMT1	0.112883	0.738099	1.15615	1.15615	0.0795216	2.31982	2.31982	0.66202	1.20946	1.20946	0.414965	1.43372	1.43372	0.017193	0.285006	-3.5087	0.079817	2.3175	2.3175	0.291547	1.60511	1.60511	0.342021	1.52698	1.52698	0.297154	1.59572	1.59572	2.42907	7.19176	2.63174	1
cg20347665	NHSL2;RGAG4	0.112883	0.249547	0.389368	-2.56826	0.560715	0.6306	-1.58579	0.774763	1.25216	1.25216	0.504395	1.70059	1.70059	0.604358	0.66385	-1.50637	0.0271287	0.128715	-7.76908	0.497637	1.71546	1.71546	0.0107289	0.0810175	-12.343	0.612754	1.4919	1.4919	2.42906	23.634	8.64859	1
cg18647275	C3orf54	0.112884	0.713307	0.92454	-1.08162	0.654647	1.10046	1.10046	0.904773	1.02577	1.02577	0.855159	0.961896	-1.03961	0.705577	0.922474	-1.08404	0.945909	1.01453	1.01453	0.0025332	0.41025	-2.43754	0.428978	0.842259	-1.18728	0.381304	1.21036	1.21036	2.42905	1.73897	0.636359	1
cg09237846	CHST11	0.112884	0.0912808	0.256567	-3.89762	0.00899065	0.0880536	-11.3567	0.0191196	0.125645	-7.95894	0.150184	0.323603	-3.0902	0.24205	0.408349	-2.44889	0.422579	0.549262	-1.82062	0.298906	0.454963	-2.19798	0.26463	0.427229	-2.34067	0.68826	0.744522	-1.34314	2.42905	20.5832	7.53222	1
cg27631389	MICAL2	0.112884	0.0373783	0.181944	-5.4962	0.0104237	9.72723	9.72723	0.155631	2.92029	2.92029	0.96983	1.02704	1.02704	0.972082	0.975616	-1.02499	0.626368	1.41352	1.41352	0.699737	1.31438	1.31438	0.974448	0.977661	-1.02285	0.846166	0.87196	-1.14684	2.42905	19.1417	7.00474	1
cg11825756	CNNM2;CNNM2	0.112888	0.991074	1.0025	1.0025	0.95643	1.01228	1.01228	0.0151201	0.513243	-1.94839	0.359048	1.23457	1.23457	0.0127905	0.501073	-1.99572	0.752318	1.0733	1.0733	0.904944	1.02705	1.02705	0.783383	1.06351	1.06351	0.642136	0.90071	-1.11023	2.42902	1.9207	0.702874	1
cg16058485	CLIP2;CLIP2	0.112889	0.112085	0.297454	-3.36186	0.698877	0.761535	-1.31314	0.846828	0.873253	-1.14514	0.915292	1.07742	1.07742	0.0495574	0.207998	-4.80774	0.0238883	0.151224	-6.61269	0.0136536	0.117911	-8.48096	0.406383	0.551417	-1.81351	0.31159	0.480155	-2.08266	2.42901	18.8941	6.91424	1
cg00004219	EP400	0.112891	0.193251	0.555126	-1.80139	0.053227	2.55711	2.55711	0.442644	1.39744	1.39744	0.684802	0.839911	-1.1906	0.035331	0.350737	-2.85114	0.652697	0.823943	-1.21368	0.0441793	0.372198	-2.68674	0.988905	0.994073	-1.00596	0.392287	0.687521	-1.4545	2.42899	7.03041	2.57278	1
cg02111031	MSL2;MSL2;MSL2	0.112892	0.242626	0.804377	-1.2432	0.0698551	1.43459	1.43459	0.969537	0.993225	-1.00682	0.0193647	0.60447	-1.65434	0.408834	0.860376	-1.16228	0.492805	0.883379	-1.13202	0.047676	0.668211	-1.49653	0.71219	1.06819	1.06819	0.897299	1.02326	1.02326	2.42898	1.21917	0.446157	1
cg21201884	NADSYN1	0.112898	0.864992	0.925465	-1.08054	0.716189	1.1808	1.1808	0.865624	0.925805	-1.08014	0.00673702	0.202076	-4.94862	0.0556155	0.372594	-2.68389	0.276754	0.597546	-1.67351	0.240788	1.74888	1.74888	0.802598	1.12077	1.12077	0.938864	0.965687	-1.03553	2.42892	7.97024	2.91679	1
cg01869058	RDBP;SKIV2L;MIR1236	0.112899	0.0549868	0.39874	-2.5079	0.0587081	0.405654	-2.46515	0.0952481	0.460925	-2.16955	0.327186	0.652213	-1.53324	0.0199352	0.305114	-3.27747	0.982641	1.00924	1.00924	0.533636	1.30523	1.30523	0.150166	0.521123	-1.91893	0.117303	0.48733	-2.052	2.42891	6.868	2.51343	1
cg13338207	ST3GAL6	0.112901	0.0801973	0.244692	-4.08677	0.237835	0.407862	-2.45181	0.94499	1.05132	1.05132	0.292212	0.452666	-2.20914	0.0534929	0.203792	-4.90696	0.28724	0.448683	-2.22874	0.00943643	0.0919712	-10.873	0.076901	0.24008	-4.16529	0.119367	0.293524	-3.40688	2.42889	20.236	7.40566	1
cg10758227	ATL1;ATL1;ATL1	0.112903	0.750854	0.933225	-1.07155	0.0754231	1.53636	1.53636	0.0365522	1.69406	1.69406	0.958315	1.0114	1.0114	0.10273	1.47304	1.47304	0.667381	0.910468	-1.09834	0.040059	0.597639	-1.67325	0.872177	0.96567	-1.03555	0.700212	1.08756	1.08756	2.42887	1.81061	0.662626	1
cg09024920	SERPINI2	0.112903	0.0180535	1.57834	1.57834	0.12396	0.767424	-1.30306	0.630167	0.925809	-1.08014	0.624379	1.08157	1.08157	0.724674	0.945359	-1.0578	0.0317166	1.49199	1.49199	0.600424	0.919451	-1.0876	0.485453	0.893483	-1.11921	0.882952	1.02368	1.02368	2.42887	0.971219	0.355435	1
cg13477548	LRP1	0.112905	0.29599	1.96137	1.96137	0.0062492	9.16346	9.16346	0.0284934	4.98738	4.98738	0.987388	0.990222	-1.00987	0.722914	1.24771	1.24771	0.763394	0.828885	-1.20644	0.61768	0.731382	-1.36727	0.726054	1.24442	1.24442	0.875635	0.907229	-1.10226	2.42886	14.865	5.44015	1
cg18000216	ERC2	0.112908	0.793447	0.888818	-1.12509	0.049144	0.364689	-2.74206	0.0132312	0.251773	-3.97183	0.126615	0.476065	-2.10055	0.0671258	0.397856	-2.51347	0.516595	1.34364	1.34364	0.146887	0.496952	-2.01227	0.8901	1.06407	1.06407	0.7327	0.857287	-1.16647	2.42882	7.76045	2.84013	1
cg11540997	DUOX2;DUOXA2	0.112909	0.327173	0.736493	-1.35779	0.427193	0.782599	-1.27779	0.0433649	0.495314	-2.01892	0.912331	0.967246	-1.03386	0.117587	1.67186	1.67186	0.069989	0.541937	-1.84523	0.19028	1.52108	1.52108	0.144607	1.6061	1.6061	0.739826	1.10602	1.10602	2.42882	3.51711	1.28718	1
cg27592410	FAM69C	0.112909	?	?	?	?	?	?	0.904631	1.11279	1.11279	0.0385838	0.104663	-9.55449	0.403917	2.15487	2.15487	0.428272	2.06754	2.06754	?	?	?	0.0814819	5.979	5.979	?	?	?	2.91072	19.3849	7.9918	1
cg15855036	TMEM55B;TMEM55B	0.112917	0.199016	0.749592	-1.33406	0.868673	0.965466	-1.03577	0.499292	0.864458	-1.15679	0.0281388	0.576574	-1.73438	0.0426874	0.609249	-1.64136	0.885423	0.969842	-1.0311	0.0448245	0.613188	-1.63082	0.633765	0.903087	-1.10731	0.146061	1.39293	1.39293	2.42874	1.73496	0.634973	1
cg01839603	GNA12	0.11292	0.939687	1.027	1.027	0.143095	1.74036	1.74036	0.143146	0.574642	-1.74021	0.269963	0.667352	-1.49846	0.0237865	0.386758	-2.5856	0.575712	0.819486	-1.22028	0.0562439	0.467108	-2.14083	0.469822	1.29549	1.29549	0.152829	0.583287	-1.71442	2.42871	4.76823	1.74514	1
cg02286008	MAPK3;MAPK3;MAPK3	0.112922	0.330683	1.91398	1.91398	0.00495727	11.093	11.093	0.285279	2.04996	2.04996	0.680986	0.765393	-1.30652	0.324597	1.9308	1.9308	0.305868	1.98515	1.98515	0.0428295	4.51656	4.51656	0.237399	2.22678	2.22678	0.936319	1.05304	1.05304	2.4287	16.0906	5.88907	1
cg18032297	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.112922	0.466713	1.52308	1.52308	0.00468854	8.45829	8.45829	0.0228028	4.70107	4.70107	0.562303	1.39486	1.39486	0.278908	1.89558	1.89558	0.737328	1.21072	1.21072	0.504879	1.46871	1.46871	0.236774	2.02215	2.02215	0.625817	1.32202	1.32202	2.42869	12.4126	4.54296	1
cg22082015	NR1D1	0.112923	0.117799	1.96882	1.96882	0.00998571	3.66003	3.66003	0.020018	3.06321	3.06321	0.422204	1.38679	1.38679	0.516912	0.769444	-1.29964	0.902061	1.05033	1.05033	0.3578	1.45815	1.45815	0.338481	1.48219	1.48219	0.526444	1.29175	1.29175	2.42868	6.11879	2.23946	1
cg09828641	SIRPA	0.112927	0.88858	1.05513	1.05513	0.630327	1.20399	1.20399	0.504052	1.29636	1.29636	0.690693	0.858028	-1.16546	0.986	1.00674	1.00674	0.45905	0.749299	-1.33458	0.00243002	5.03195	5.03195	0.514711	1.28779	1.28779	0.800807	0.907752	-1.10162	2.42865	5.63728	2.06325	1
cg20694572	FLG2	0.112928	0.0133606	0.0792184	-12.6233	0.0128945	0.077734	-12.8644	0.0962386	0.220628	-4.53252	0.787914	0.800032	-1.24995	0.33423	0.438656	-2.27969	0.294262	0.406535	-2.45981	0.300534	0.411629	-2.42937	0.166583	0.295134	-3.38829	0.183082	0.310722	-3.21831	2.42864	26.3329	9.63791	1
cg07666882	NUDT12	0.112928	0.256529	0.508742	-1.96563	0.193703	2.19187	2.19187	0.0241238	0.215539	-4.63954	0.743416	0.829082	-1.20615	0.150126	0.414646	-2.41169	0.318084	0.554949	-1.80197	0.0638157	0.304551	-3.28352	0.0414905	0.261444	-3.82491	0.927717	0.94954	-1.05314	2.42864	12.5253	4.58429	1
cg05954614	FAM90A1	0.112931	0.0726734	0.380184	-2.63031	0.584132	0.76571	-1.30598	0.581923	0.764485	-1.30807	0.0789625	2.56528	2.56528	0.201685	1.91769	1.91769	0.133851	0.458029	-2.18327	0.819488	1.11671	1.11671	0.0373557	0.311336	-3.21196	0.361113	0.635469	-1.57364	2.42861	8.97122	3.28353	1
cg19411932	NCRNA00115;LOC643837	0.112933	?	?	?	0.597191	1.6267	1.6267	?	?	?	0.203475	3.53216	3.53216	0.558685	1.7165	1.7165	0.223547	0.301662	-3.31497	0.577163	1.67234	1.67234	0.00973785	33.1975	33.1975	0.402438	2.20127	2.20127	3.1423	29.2174	6.64149	1
cg21158411	PIP5KL1;PIP5KL1;PIP5KL1	0.112933	0.0943294	11.7145	11.7145	0.0296072	30.7761	30.7761	0.0968522	11.4569	11.4569	0.154034	7.70484	7.70484	0.372927	3.40047	3.40047	0.248731	5.01906	5.01906	0.0289643	31.3461	31.3461	0.0364863	25.8554	25.8554	0.0800935	13.4389	13.4389	2.42858	68.8626	25.2045	1
cg03668997	ZNF714	0.112934	0.437999	1.12932	1.12932	0.894014	0.979718	-1.0207	0.100231	1.31896	1.31896	0.339072	1.16355	1.16355	0.0571249	1.39217	1.39217	0.621588	1.07949	1.07949	0.00468466	1.78226	1.78226	0.855455	0.972358	-1.02843	0.402233	1.14086	1.14086	2.42858	0.908936	0.332682	1
cg06611426	GRASP	0.112934	0.99923	1.00079	1.00079	0.00713866	0.057373	-17.4298	0.0191865	0.0971989	-10.2882	0.775182	0.790131	-1.26561	0.926299	0.926715	-1.07908	0.6297	0.670556	-1.4913	0.181857	0.311689	-3.20833	0.384936	0.48057	-2.08086	0.844888	1.17484	1.17484	2.42858	26.0283	9.52667	1
cg08942772	FAM129C;FAM129C	0.112935	0.0736519	3.01782	3.01782	0.497325	1.46472	1.46472	0.928033	1.05131	1.05131	0.492065	0.679437	-1.47181	0.0315625	4.04067	4.04067	0.791614	0.863578	-1.15797	0.0132321	5.47831	5.47831	0.185226	2.17752	2.17752	0.310086	1.7892	1.7892	2.42857	11.8001	4.31901	1
cg10969550	MIR299;MIR380	0.112935	0.319084	0.840129	-1.19029	0.376863	1.16581	1.16581	0.676902	1.07347	1.07347	0.12275	0.753589	-1.32698	0.724604	0.941912	-1.06167	0.00672784	1.81213	1.81213	0.226507	1.23965	1.23965	0.930322	1.01491	1.01491	0.600226	1.09359	1.09359	2.42857	1.10086	0.402932	1
cg22376940	MPZL3	0.112938	0.291137	0.775849	-1.28891	0.0257958	1.84657	1.84657	0.671565	0.905913	-1.10386	0.0651996	0.619018	-1.61546	0.661546	0.902972	-1.10745	0.263296	0.763234	-1.31021	0.0800089	0.637604	-1.56837	0.504651	0.854825	-1.16983	0.335064	1.25901	1.25901	2.42854	2.06465	0.7557	1
cg17912803	GLOD4	0.112939	0.522095	0.878423	-1.13892	0.217357	1.29721	1.29721	0.60268	1.11104	1.11104	0.110795	0.705844	-1.41674	0.300888	0.806604	-1.23977	0.482937	0.866785	-1.15369	0.018712	1.7706	1.7706	0.682519	0.920851	-1.08595	0.0978145	0.694779	-1.43931	2.42853	1.54618	0.565932	1
cg01991150	CHRM4	0.112939	0.116197	0.603847	-1.65605	0.361745	1.31917	1.31917	0.498408	0.816221	-1.22516	0.995775	1.00157	1.00157	0.78433	0.92214	-1.08443	0.0127876	0.401001	-2.49376	0.0545303	1.905	1.905	0.852808	0.9466	-1.05641	0.502219	0.817734	-1.22289	2.42853	3.35789	1.22905	1
cg23482427	C2orf70	0.112943	0.591945	0.613725	-1.6294	0.161432	3.8547	3.8547	0.784251	1.28097	1.28097	0.859533	0.85229	-1.17331	0.0115404	0.057828	-17.2927	0.969301	0.965873	-1.03533	0.223485	0.315371	-3.17087	0.0645135	6.51276	6.51276	0.943794	1.06569	1.06569	2.4285	31.3122	11.461	1
cg01152927	C6orf221	0.112947	0.0952861	0.733934	-1.36252	0.0237986	0.634237	-1.5767	0.0126796	0.592799	-1.68691	0.302861	0.83516	-1.19738	0.87658	0.97411	-1.02658	0.996471	0.999254	-1.00075	0.582694	1.09818	1.09818	0.173315	0.783066	-1.27703	0.288151	0.830173	-1.20457	2.42845	1.09563	0.401034	1
cg11732673	C3orf26;FILIP1L;FILIP1L	0.112949	0.297502	0.612733	-1.63203	0.115507	0.460244	-2.17276	0.221474	0.558307	-1.79113	0.588684	0.78067	-1.28095	0.272787	0.595912	-1.6781	0.129216	2.10333	2.10333	0.156358	1.98908	1.98908	0.0363504	3.01471	3.01471	0.619354	0.796823	-1.25498	2.42843	7.91108	2.89572	1
cg26228476	HLA-DQB2	0.11295	0.270315	0.636712	-1.57057	0.176777	1.75897	1.75897	0.0716815	0.453402	-2.20555	0.632228	0.82725	-1.20882	0.436231	1.36671	1.36671	0.536206	1.27936	1.27936	0.0177973	3.10568	3.10568	0.342305	1.46935	1.46935	0.381918	0.702787	-1.42291	2.42843	5.94967	2.17778	1
cg10798292	TMEM183B;TMEM183A	0.112951	0.945849	1.0093	1.0093	0.904015	1.01658	1.01658	0.607621	0.931825	-1.07316	0.0137825	0.660298	-1.51447	0.61535	1.07151	1.07151	0.322778	0.870016	-1.1494	0.0250595	1.43819	1.43819	0.849375	0.974412	-1.02626	0.482541	1.10219	1.10219	2.42842	0.714869	0.261668	1
cg04084132	KIAA1609	0.112951	0.0960216	0.772402	-1.29466	0.0129658	1.546	1.546	0.98263	1.00308	1.00308	0.210899	0.830077	-1.20471	0.460209	1.11207	1.11207	0.756237	1.04498	1.04498	0.174127	0.815251	-1.22662	0.463349	1.11122	1.11122	0.429396	1.12071	1.12071	2.42842	0.767674	0.280997	1
cg06527989	UNC5A	0.112953	0.134578	0.621981	-1.60777	0.0824665	1.76147	1.76147	0.844378	1.05955	1.05955	0.0315849	0.476202	-2.09995	0.701784	0.892935	-1.1199	0.0921586	0.579478	-1.72569	0.0571692	0.530806	-1.88393	0.447767	0.796343	-1.25574	0.694577	0.890342	-1.12316	2.4284	3.33189	1.2196	1
cg25526920	HMP19	0.112958	0.525798	0.62514	-1.59964	0.0662369	4.50661	4.50661	0.0215429	7.51717	7.51717	0.890751	1.10564	1.10564	0.218361	0.388247	-2.57568	0.461216	1.73007	1.73007	0.0492534	5.15563	5.15563	0.536147	1.58058	1.58058	0.16699	2.93465	2.93465	2.42835	20.537	7.51751	1
cg04290563	TMEM161A	0.112961	0.167869	1.33324	1.33324	0.0756242	0.679107	-1.47252	0.365734	1.19943	1.19943	0.269824	1.25213	1.25213	0.190898	1.31127	1.31127	0.0485115	1.55429	1.55429	0.121341	1.3891	1.3891	0.0459352	1.56463	1.56463	0.379612	1.19288	1.19288	2.42832	1.47255	0.539029	1
cg25974448	CAMTA1	0.112969	0.681382	0.942955	-1.0605	0.239522	1.19153	1.19153	0.257605	1.18304	1.18304	0.362757	1.14235	1.14235	0.0790354	0.757711	-1.31976	0.444077	0.894928	-1.11741	0.0252107	1.46037	1.46037	0.136606	0.795991	-1.2563	0.499412	0.907058	-1.10247	2.42825	0.778499	0.284979	1
cg16581532	RBM4B	0.112975	0.664341	1.06517	1.06517	0.0314256	0.694212	-1.44048	0.0678351	0.743938	-1.3442	0.771289	1.04305	1.04305	0.342823	1.15181	1.15181	0.790681	0.96226	-1.03922	0.0547372	0.729722	-1.37038	0.278583	1.17695	1.17695	0.301974	1.16724	1.16724	2.42819	0.804255	0.294414	1
cg22800191	HPS3	0.112976	0.0523425	0.544845	-1.83539	0.95935	0.986071	-1.01413	0.045853	1.87737	1.87737	0.613719	0.869295	-1.15036	0.938825	0.979099	-1.02135	0.105086	0.61424	-1.62803	0.137244	0.643715	-1.55348	0.408567	1.26189	1.26189	0.197856	1.45434	1.45434	2.42817	2.91242	1.06616	1
cg02630629	KCNAB2;KCNAB2	0.11298	0.069943	0.178438	-5.6042	0.730009	0.744782	-1.34268	0.404966	0.484456	-2.06417	0.228117	0.34097	-2.93281	0.0673868	0.174952	-5.71586	0.298514	0.399898	-2.50064	0.0125429	0.0712876	-14.0277	0.0345048	0.122816	-8.14226	0.0940566	0.208919	-4.78655	2.42814	27.8202	10.1843	1
cg16736685	ZNF574	0.11298	0.894237	0.917455	-1.08997	0.93282	1.05613	1.05613	0.371241	0.55175	-1.81242	0.180131	0.397743	-2.51418	0.0214013	0.166854	-5.99327	0.0214814	0.167108	-5.98414	0.186168	0.403406	-2.47889	0.548814	1.48131	1.48131	0.0601399	0.253255	-3.94858	2.42814	16.133	5.90593	1
cg10184431	HIST1H2AJ;HIST1H2BM;HIST1H2BM	0.11298	0.601667	1.6239	1.6239	0.51701	1.83081	1.83081	0.118374	4.76207	4.76207	0.984064	0.981782	-1.01856	0.0939907	5.44706	5.44706	0.256889	2.97218	2.97218	0.0151685	15.5807	15.5807	0.0441974	8.39779	8.39779	0.0325936	9.9974	9.9974	2.42814	32.5874	11.9296	1
cg16168311	APOA1BP	0.112984	0.226452	0.794953	-1.25794	0.577781	0.903391	-1.10694	0.753197	0.944601	-1.05865	0.151084	1.32048	1.32048	0.117992	0.735868	-1.35894	0.852491	1.0342	1.0342	0.00575378	0.519995	-1.9231	0.970169	0.993266	-1.00678	0.865397	0.969811	-1.03113	2.4281	1.25545	0.4596	1
cg18923906	TSPAN14;TSPAN14	0.112984	0.528616	0.868897	-1.15088	0.757764	1.07047	1.07047	0.244168	1.30763	1.30763	0.91579	1.02356	1.02356	0.453324	0.845217	-1.18313	0.216558	1.33142	1.33142	0.00809724	2.10946	2.10946	0.697535	1.08978	1.08978	0.100453	0.672922	-1.48606	2.4281	1.8635	0.682195	1
cg11022513	BRSK2	0.112985	0.494439	0.872857	-1.14566	0.486306	1.14871	1.14871	0.360898	1.20211	1.20211	0.531752	0.883255	-1.13218	0.612014	1.10544	1.10544	0.524927	1.13459	1.13459	0.00280724	2.241	2.241	0.683247	1.08372	1.08372	0.691482	0.924802	-1.08131	2.4281	1.47713	0.540753	1
cg03412547	ADCY9	0.112985	0.85048	1.03319	1.03319	0.103659	0.734958	-1.36062	0.305336	0.832214	-1.20161	0.50803	1.12322	1.12322	0.64197	1.08439	1.08439	0.692964	0.933637	-1.07108	0.00644911	1.84589	1.84589	0.528319	0.895345	-1.11689	0.547485	0.900028	-1.11108	2.42809	1.15141	0.421516	1
cg00332509	ANKRD11	0.112986	0.0883112	0.506659	-1.97371	0.0591471	0.462849	-2.16053	0.195778	0.609793	-1.6399	0.860042	0.938184	-1.06589	0.0513158	0.448318	-2.23056	0.0629966	0.469457	-2.13012	0.155934	0.57762	-1.73124	0.139155	1.77802	1.77802	0.544477	0.801095	-1.24829	2.42808	5.02677	1.84024	1
cg18272456	MKLN1;MKLN1	0.112987	0.314444	0.557325	-1.79428	0.0110221	0.166625	-6.00151	0.0472525	0.279217	-3.58144	0.423483	0.631657	-1.58314	0.0312267	0.241583	-4.13937	0.70705	0.808827	-1.23636	0.0833599	0.340561	-2.93633	0.266633	0.521826	-1.91635	0.79504	0.8639	-1.15754	2.42807	12.1447	4.44603	1
cg17045635	ZMIZ1	0.112988	0.835224	0.905963	-1.1038	0.00626619	5.41273	5.41273	0.0471179	2.93647	2.93647	0.574065	1.30901	1.30901	0.31869	0.613461	-1.6301	0.545685	1.33635	1.33635	0.870829	1.08021	1.08021	0.913104	1.05312	1.05312	0.526934	0.737894	-1.35521	2.42806	8.64499	3.16485	1
cg02186409	FLT1	0.112992	0.295739	0.641148	-1.5597	0.261193	1.61667	1.61667	0.0334376	0.361034	-2.76982	0.333712	0.664482	-1.50493	0.146825	0.52817	-1.89333	0.311081	0.650743	-1.5367	0.0118261	0.275675	-3.62746	0.638154	0.823503	-1.21433	0.203352	0.576694	-1.73402	2.42803	6.46265	2.36594	1
cg03739877	P11;P11	0.112992	0.89568	0.961645	-1.03989	0.241465	0.69382	-1.4413	0.395849	0.771643	-1.29594	0.864399	1.05228	1.05228	0.0394904	0.491626	-2.03407	0.704036	1.12051	1.12051	0.0132439	2.4975	2.4975	0.351142	1.33121	1.33121	0.936483	0.976519	-1.02405	2.42802	3.41795	1.25129	1
cg08185661	SYT9	0.112993	0.212851	0.789545	-1.26655	0.0372164	1.54587	1.54587	0.455396	1.14675	1.14675	0.76364	0.947133	-1.05582	0.752594	1.05861	1.05861	0.666489	0.92488	-1.08122	0.025142	0.618981	-1.61556	0.832502	1.03888	1.03888	0.120522	1.3543	1.3543	2.42802	1.24738	0.456664	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26976046	MIR127;RTL1	0.112997	0.311548	0.717161	-1.39439	0.0242945	2.34565	2.34565	0.188049	0.642138	-1.5573	0.460853	0.787884	-1.26922	0.900148	0.960922	-1.04067	0.343824	1.36296	1.36296	0.324575	1.38132	1.38132	0.129483	0.594422	-1.68231	0.10149	0.565887	-1.76714	2.42798	3.8775	1.41956	1
cg24091982	SCOC	0.112997	0.393784	1.36647	1.36647	0.0863278	0.507992	-1.96853	0.0514679	0.452718	-2.20888	0.831961	1.07891	1.07891	0.614656	1.19895	1.19895	0.0407047	2.32696	2.32696	0.982364	1.00793	1.00793	0.17395	0.596293	-1.67703	0.216846	0.628466	-1.59118	2.42797	4.91304	1.79868	1
cg19952095	ABCE1;ANAPC10;ABCE1	0.112999	0.0571231	0.557054	-1.79516	0.840773	0.946786	-1.05621	0.476331	0.821298	-1.21758	0.00945872	0.409032	-2.4448	0.887864	0.962372	-1.0391	0.802267	1.07059	1.07059	0.0622604	0.565219	-1.76922	0.674889	0.891654	-1.12151	0.308535	1.33176	1.33176	2.42796	2.84159	1.04032	1
cg24553076	C17orf42	0.112999	0.141249	1.33539	1.33539	0.730264	0.93869	-1.06531	0.10479	1.38276	1.38276	0.624287	1.09444	1.09444	0.0879061	0.708709	-1.41102	0.0207973	0.60128	-1.66312	0.552773	0.896033	-1.11603	0.322989	0.829757	-1.20517	0.51778	0.887035	-1.12735	2.42795	1.28506	0.47047	1
cg05158566	VAMP4	0.113	0.0367129	0.773515	-1.2928	0.159869	0.853072	-1.17223	0.58399	0.943166	-1.06026	0.300327	0.892642	-1.12027	0.22641	1.14385	1.14385	0.588008	1.05958	1.05958	0.156581	1.17392	1.17392	0.846496	0.9797	-1.02072	0.0571893	1.25568	1.25568	2.42795	0.43056	0.157631	1
cg01541581	ZNF720	0.113002	0.0617092	0.761041	-1.31399	0.201275	0.839349	-1.1914	0.125662	0.806499	-1.23993	0.0423063	0.738234	-1.35458	0.171428	0.827833	-1.20797	0.390981	1.12082	1.12082	0.128181	1.23788	1.23788	0.956274	1.00714	1.00714	0.601455	1.07078	1.07078	2.42793	0.647499	0.237056	1
cg20487231	RAP1GAP;RAP1GAP	0.113002	0.942109	1.01032	1.01032	0.258399	1.18149	1.18149	0.0172492	1.50725	1.50725	0.071153	1.32985	1.32985	0.145806	1.24713	1.24713	0.115893	1.27338	1.27338	0.71166	0.948849	-1.05391	0.443466	0.895387	-1.11684	0.269576	0.849935	-1.17656	2.42793	0.76908	0.281568	1
cg18530766	PAPOLA;PAPOLA	0.113004	0.0330421	0.449651	-2.22395	0.200432	1.54291	1.54291	0.225516	1.50405	1.50405	0.960655	1.01595	1.01595	0.909704	1.03705	1.03705	0.965535	1.01395	1.01395	0.0202744	2.45339	2.45339	0.167277	1.60331	1.60331	0.958485	1.01683	1.01683	2.42791	3.95404	1.44762	1
cg23018689	DARC	0.113005	0.0824954	0.53327	-1.87522	0.677267	1.14663	1.14663	0.563833	0.826342	-1.21015	0.376447	0.743259	-1.34543	0.0515503	0.484589	-2.0636	0.634386	1.16955	1.16955	0.170322	0.620405	-1.61185	0.0111065	0.353169	-2.8315	0.121628	0.577768	-1.7308	2.4279	4.10929	1.50447	1
cg14733031	B3GNT3	0.113007	0.472793	1.18218	1.18218	0.0278786	0.551243	-1.81408	0.0837111	0.644876	-1.55069	0.896122	0.970506	-1.03039	0.476642	1.18041	1.18041	0.324749	1.26247	1.26247	0.153756	0.704678	-1.41909	0.224888	1.33931	1.33931	0.17811	1.38811	1.38811	2.42788	2.01983	0.739496	1
cg07336840	EGR1	0.113007	0.414698	1.82902	1.82902	0.473472	1.69548	1.69548	0.213317	0.387117	-2.5832	0.561688	0.65382	-1.52947	0.929959	1.06573	1.06573	0.836387	0.860923	-1.16154	0.00440115	0.0637149	-15.6949	0.40657	1.84936	1.84936	0.537967	1.57081	1.57081	2.42788	20.1647	7.38265	1
cg15132013	SKI	0.113008	0.82549	0.90112	-1.10973	0.276798	1.70458	1.70458	0.5806	1.30098	1.30098	0.0344388	0.312533	-3.19966	0.328126	0.621317	-1.60948	0.875226	1.0769	1.0769	0.116135	0.447046	-2.23691	0.0135585	0.236836	-4.22233	0.574154	0.765133	-1.30696	2.42788	8.54792	3.12955	1
cg13104274	ATP1B1;ATP1B1	0.11301	0.242109	0.469136	-2.13158	0.0886999	3.19275	3.19275	0.374077	1.75778	1.75778	0.525542	1.48838	1.48838	0.427433	0.605981	-1.65022	0.423581	0.603342	-1.65744	0.0754224	0.294158	-3.39953	0.0273173	5.02467	5.02467	0.577283	1.41636	1.41636	2.42786	14.6957	5.3804	1
cg04126866	C10orf99	0.11301	0.52474	1.2751	1.2751	0.531177	0.787287	-1.27018	0.287411	0.659378	-1.51658	0.240686	1.58902	1.58902	0.764304	1.12005	1.12005	0.331385	1.45915	1.45915	0.0124186	3.23218	3.23218	0.0999453	1.97323	1.97323	0.0499642	2.323	2.323	2.42785	5.46606	2.00124	1
cg13344169	SSTR2;SSTR2	0.113012	0.0477581	4.25272	4.25272	0.479976	1.58279	1.58279	0.31799	0.516808	-1.93495	0.270608	2.08243	2.08243	0.746936	1.23005	1.23005	0.52694	1.50676	1.50676	0.211689	0.431108	-2.3196	0.0812944	3.44121	3.44121	0.0220866	5.78515	5.78515	2.42784	15.7256	5.75751	1
cg04911280	AARS2	0.113013	0.508824	1.10531	1.10531	0.184104	0.810191	-1.23428	0.013132	1.5832	1.5832	0.263753	0.840269	-1.19009	0.511767	0.905373	-1.10452	0.1761	0.806643	-1.23971	0.126385	0.781119	-1.28021	0.458889	0.893448	-1.11926	0.648905	0.933817	-1.07087	2.42783	0.858112	0.314177	1
cg19600538	SLC44A3;SLC44A3	0.113016	0.0527028	0.156932	-6.37221	0.429088	0.50723	-1.97149	0.618023	1.52613	1.52613	0.216036	0.334605	-2.9886	0.0376154	0.131586	-7.59961	0.244683	0.359386	-2.78252	0.0195131	0.0931292	-10.7378	0.0693521	0.181156	-5.5201	0.16956	0.292167	-3.4227	2.4278	27.1882	9.95441	1
cg07931631	C11orf63;C11orf63	0.113016	0.349577	0.806186	-1.24041	0.931625	1.01939	1.01939	0.0625515	1.5983	1.5983	0.474351	0.849772	-1.17679	0.651519	0.903276	-1.10708	0.751092	0.931275	-1.0738	0.00872787	0.473503	-2.11192	0.128163	0.692136	-1.4448	0.972628	0.992353	-1.00771	2.42779	1.92483	0.70474	1
cg04397884	PELI2	0.113016	0.746544	0.896643	-1.11527	0.89621	1.04489	1.04489	0.084327	0.526028	-1.90104	0.569901	0.824329	-1.21311	0.026366	0.412313	-2.42534	0.342604	1.3895	1.3895	0.130844	1.73122	1.73122	0.0895479	1.87709	1.87709	0.511574	0.799338	-1.25104	2.42779	4.3518	1.59333	1
cg02239640	GSPT2	0.113019	0.0355367	0.303915	-3.2904	0.0265288	0.278091	-3.59594	0.262271	0.566161	-1.76628	0.979259	0.987428	-1.01273	0.105731	0.423154	-2.3632	0.14956	0.471429	-2.12121	0.0357873	0.304562	-3.2834	0.0601896	0.356407	-2.80578	0.449088	0.68701	-1.45558	2.42777	9.10719	3.33445	1
cg20083388	ZNF787	0.113019	0.822623	0.93184	-1.07315	0.115758	0.58419	-1.71177	0.323841	1.37764	1.37764	0.199014	1.5322	1.5322	0.515619	0.812807	-1.2303	0.454646	0.787058	-1.27055	0.0114043	2.70645	2.70645	0.495128	0.804292	-1.24333	0.308917	0.718138	-1.39249	2.42777	3.80101	1.39168	1
cg22481882	KIAA1875;MAF1	0.113019	0.2411	1.55181	1.55181	0.503886	1.27491	1.27491	0.210536	1.60391	1.60391	0.0633914	0.473531	-2.11179	0.742825	1.12513	1.12513	0.354117	0.710791	-1.40688	0.0196685	0.364567	-2.74298	0.242329	1.54986	1.54986	0.828407	0.925217	-1.08083	2.42776	4.9302	1.80512	1
cg07951301	SYT3;SYT3	0.113022	0.139415	0.71996	-1.38897	0.507723	1.14891	1.14891	0.524524	1.1425	1.1425	0.205052	1.31812	1.31812	0.0349459	0.601895	-1.66142	0.243392	1.28678	1.28678	0.0342157	0.600263	-1.66594	0.948471	1.01344	1.01344	0.955938	1.01148	1.01148	2.42774	1.64066	0.600709	1
cg11334406	ALOX15	0.113022	0.19483	0.599611	-1.66775	0.0986281	1.96497	1.96497	0.538918	1.26116	1.26116	0.147272	0.559884	-1.78608	0.343717	0.695036	-1.43877	0.059437	0.45223	-2.21126	0.809285	0.913765	-1.09437	0.0237493	0.365426	-2.73653	0.409269	0.729958	-1.36994	2.42774	5.34874	1.95838	1
cg12575181	PIGH	0.113026	0.347789	1.20269	1.20269	0.71575	1.07232	1.07232	0.323551	0.823112	-1.2149	0.141035	0.739154	-1.3529	0.6621	1.08758	1.08758	0.00686329	1.95104	1.95104	0.656808	1.08913	1.08913	0.798894	1.04995	1.04995	0.255285	0.797119	-1.25452	2.4277	1.4015	0.513151	1
cg14387532	PTMA;PTMA	0.11303	0.27575	0.604265	-1.6549	0.552128	1.30636	1.30636	0.794798	0.890651	-1.12277	0.0632345	0.395267	-2.52994	0.117118	0.469413	-2.13032	0.016743	0.273251	-3.65964	0.0294768	0.320119	-3.12384	0.638827	0.810562	-1.23371	0.806176	1.11541	1.11541	2.42766	7.58958	2.77892	1
cg04135434	PTPRN2;PTPRN2;PTPRN2	0.11303	0.408727	0.85528	-1.16921	0.189928	1.29285	1.29285	0.391548	1.17634	1.17634	0.307766	1.2157	1.2157	0.0100079	0.547943	-1.82501	0.27715	0.811309	-1.23258	0.176436	0.766534	-1.30457	0.457323	0.869327	-1.15031	0.366345	0.842232	-1.18732	2.42766	1.31603	0.481866	1
cg19746906	HHLA3;HHLA3;HHLA3;HHLA3;ANKRD13C	0.113033	0.211569	0.829525	-1.20551	0.703294	0.947105	-1.05585	0.347239	0.871577	-1.14735	0.107445	0.779181	-1.2834	0.285869	0.854357	-1.17047	0.433792	1.12011	1.12011	0.0079058	0.616437	-1.62222	0.19171	0.821783	-1.21687	0.30004	1.16476	1.16476	2.42763	0.775431	0.283928	1
cg20633203	PRAGMIN	0.113034	0.853318	0.878248	-1.13863	0.0093147	10.1133	10.1133	0.0172308	7.65612	7.65612	0.803057	0.839218	-1.19159	0.740866	0.792314	-1.26213	0.89378	1.09824	1.09824	0.70194	1.30961	1.30961	0.811777	0.845911	-1.18216	0.619222	0.70369	-1.42108	2.42763	18.9183	6.92704	1
cg03701745	CDC25B;CDC25B;CDC25B	0.113034	0.278725	1.30476	1.30476	0.268325	1.31302	1.31302	0.463971	1.19251	1.19251	0.515307	1.16862	1.16862	0.186875	0.718593	-1.39161	0.0695263	1.61528	1.61528	0.0233601	0.527306	-1.89643	0.182642	1.39661	1.39661	0.844848	1.04737	1.04737	2.42762	2.145	0.785406	1
cg03819900	GPR12	0.113035	0.400132	0.653743	-1.52965	0.0451602	3.10864	3.10864	0.415189	1.50833	1.50833	0.0740569	2.67089	2.67089	0.74232	0.849746	-1.17682	0.486608	1.41742	1.41742	0.311332	1.67684	1.67684	0.55604	1.34159	1.34159	0.00944821	5.06951	5.06951	2.42762	9.36347	3.4285	1
cg07905808	TRIM39;TRIM39	0.113036	0.111886	0.720612	-1.38771	0.412115	1.172	1.172	0.943908	0.986771	-1.01341	0.653154	1.08938	1.08938	0.0921477	0.704085	-1.42028	0.422693	1.16765	1.16765	0.0182329	1.72013	1.72013	0.746386	1.06334	1.06334	0.16984	0.758261	-1.31881	2.42761	1.37715	0.504254	1
cg02176078	MUC2	0.113037	0.106082	0.597076	-1.67483	0.34056	1.33239	1.33239	0.0112895	0.395675	-2.52733	0.632206	0.86858	-1.1513	0.0760228	0.561649	-1.78047	0.0768368	0.562742	-1.77701	0.977308	0.991724	-1.00835	0.665221	0.880553	-1.13565	0.186575	0.664249	-1.50546	2.42759	3.28232	1.20185	1
cg08597735	SLCO2B1;SLCO2B1;SLCO2B1	0.113039	0.316825	1.42112	1.42112	0.0966846	0.538303	-1.85769	0.0278683	0.413696	-2.41723	0.42342	1.32006	1.32006	0.929307	0.970314	-1.03059	0.614309	0.841497	-1.18836	0.0472634	2.1618	2.1618	0.285007	1.45813	1.45813	0.960058	0.983135	-1.01715	2.42758	4.43462	1.62379	1
cg02432467	HS3ST6	0.11304	0.0796951	0.467412	-2.13944	0.0919889	0.484145	-2.0655	0.19501	0.585072	-1.70919	0.169121	0.563905	-1.77335	0.0844	0.474021	-2.10961	0.250645	0.625373	-1.59905	0.00825011	0.266828	-3.74773	0.0694532	0.451978	-2.2125	0.239628	0.617844	-1.61853	2.42757	5.8793	2.15279	1
cg13181026	FNDC1	0.11304	0.234559	0.507365	-1.97097	0.035857	0.26458	-3.77957	0.0880564	0.358774	-2.78727	0.744801	1.19466	1.19466	0.0351562	0.262816	-3.80494	0.031331	0.252742	-3.95661	0.824671	0.886187	-1.12843	0.434287	0.647622	-1.54411	0.0746559	0.339146	-2.94859	2.42757	11.4012	4.17472	1
cg08947181	HPCAL4	0.113043	0.262351	0.68964	-1.45003	0.200667	1.53687	1.53687	0.27421	1.43584	1.43584	0.669441	0.872366	-1.14631	0.251026	0.682954	-1.46423	0.592577	1.18737	1.18737	0.0958946	1.78865	1.78865	0.0182627	0.402165	-2.48654	0.424988	0.771789	-1.29569	2.42754	3.8867	1.42319	1
cg12697689	WDTC1	0.113047	0.26356	0.744205	-1.34372	0.0159734	0.473401	-2.11237	0.194906	0.706412	-1.4156	0.669842	1.11485	1.11485	0.0409418	0.549893	-1.81854	0.751025	0.922479	-1.08404	0.597994	1.1444	1.1444	0.158898	1.46476	1.46476	0.894033	0.966781	-1.03436	2.4275	2.47046	0.904619	1
cg11720778	TIGD7;TIGD7	0.113047	0.0728283	0.734415	-1.36163	0.257844	1.19977	1.19977	0.0317444	0.678188	-1.47452	0.351166	0.862421	-1.15953	0.660778	0.934151	-1.07049	0.93128	0.986784	-1.01339	0.350188	0.862147	-1.1599	0.0599902	1.38723	1.38723	0.239608	0.827003	-1.20919	2.4275	0.914762	0.334963	1
cg25912009	AFAP1;AFAP1	0.113048	0.249617	0.680977	-1.46848	0.576327	0.83505	-1.19753	0.510174	1.23778	1.23778	0.703826	1.12972	1.12972	0.00589244	0.316447	-3.16009	0.938278	1.02504	1.02504	0.11613	0.579675	-1.72511	0.620014	1.17306	1.17306	0.124167	0.587629	-1.70175	2.42749	3.92046	1.43557	1
cg07124126	PLCG2	0.113048	0.104413	0.5698	-1.755	0.171642	0.630573	-1.58586	0.983356	0.993412	-1.00663	0.176937	0.634584	-1.57584	0.0419131	0.47571	-2.10212	0.0744793	0.532761	-1.87702	0.0804584	1.84853	1.84853	0.779573	0.91493	-1.09298	0.541025	1.21663	1.21663	2.42749	3.86031	1.41355	1
cg13551228	EHMT1	0.113048	0.803803	1.04978	1.04978	0.048845	0.644639	-1.55126	0.17066	0.752191	-1.32945	0.28446	0.80492	-1.24236	0.165522	1.33466	1.33466	0.788442	0.948861	-1.05389	0.0417326	1.58113	1.58113	0.537308	0.885223	-1.12966	0.200473	1.30204	1.30204	2.42749	1.46457	0.536289	1
cg07166800	PRDXDD1P	0.113049	0.14008	0.569106	-1.75714	0.538087	1.24778	1.24778	0.141801	1.75223	1.75223	0.656302	1.17239	1.17239	0.662355	0.855546	-1.16884	0.171844	1.67607	1.67607	0.703303	0.872952	-1.14554	0.923431	0.966441	-1.03472	0.00755413	3.38839	3.38839	2.42748	4.84731	1.77497	1
cg20706134	PCDH20	0.113049	0.0611969	0.423809	-2.35955	0.887919	1.05907	1.05907	0.287727	0.638146	-1.56704	0.114265	2.01193	2.01193	0.0883482	0.465245	-2.1494	0.577218	0.795188	-1.25756	0.1505	0.534116	-1.87225	0.0696686	2.28332	2.28332	0.57298	0.793116	-1.26085	2.42748	6.36695	2.33144	1
cg22648015	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.11305	0.554929	0.854475	-1.17031	0.0409904	0.537353	-1.86097	0.0256235	0.497452	-2.01025	0.652786	1.12667	1.12667	0.77695	1.07767	1.07767	0.846129	1.0525	1.0525	0.0463309	1.82407	1.82407	0.911823	1.0296	1.0296	0.680578	1.11518	1.11518	2.42747	2.66636	0.976362	1
cg00410990	PBK	0.113051	0.490167	0.91084	-1.09789	0.892631	1.01816	1.01816	0.429929	0.898214	-1.11332	0.247742	0.851289	-1.17469	0.00372884	0.593406	-1.68519	0.19833	1.19856	1.19856	0.400204	0.891603	-1.12158	0.986691	1.00222	1.00222	0.611339	0.934001	-1.07066	2.42746	0.682452	0.249901	1
cg16044573	OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1	0.113053	0.522757	0.910212	-1.09864	0.186099	0.815785	-1.22581	0.00808452	1.63663	1.63663	0.644835	0.934808	-1.06974	0.195152	1.2202	1.2202	0.292036	0.853182	-1.17208	0.907038	1.01711	1.01711	0.440428	0.892018	-1.12105	0.393682	1.1353	1.1353	2.42745	0.810997	0.296973	1
cg08367326	AMIGO1	0.113055	0.214777	0.513419	-1.94773	0.133974	0.436834	-2.2892	0.277515	1.77788	1.77788	0.552103	0.73697	-1.35691	0.230938	0.526681	-1.89868	0.562791	0.74317	-1.34559	0.00517136	0.141383	-7.07298	0.911891	0.945478	-1.05767	0.844255	1.10477	1.10477	2.5732	10.234	3.09333	1
cg26336113	RTN2;RTN2;RTN2	0.113057	0.845046	0.965061	-1.0362	0.325713	1.20254	1.20254	0.00866005	1.83719	1.83719	0.903632	1.02226	1.02226	0.543873	0.894349	-1.11813	0.617122	0.912462	-1.09594	0.0773585	0.699864	-1.42885	0.860772	0.968596	-1.03242	0.182309	1.29339	1.29339	2.42741	1.26998	0.465054	1
cg09256278	ILF3;ILF3;ILF3;ILF3;ILF3	0.113059	0.0632908	0.388466	-2.57423	0.017319	3.71447	3.71447	0.490282	0.728155	-1.37333	0.311683	1.60614	1.60614	0.115526	0.460906	-2.16964	0.515127	0.741712	-1.34823	0.855618	0.92085	-1.08595	0.985088	0.991575	-1.0085	0.320088	0.628055	-1.59222	2.42738	7.87933	2.88535	1
cg26744079	C10orf41;C10orf41	0.113061	0.0370986	9.24115	9.24115	0.30119	2.67548	2.67548	0.376823	2.30056	2.30056	0.147103	4.17611	4.17611	0.095241	5.38728	5.38728	0.0447631	8.30164	8.30164	0.0738629	6.23623	6.23623	0.0205229	12.9893	12.9893	0.100261	5.22938	5.22938	2.42737	32.4468	11.8819	1
cg05106824	GLUD2	0.113062	0.145659	2.60262	2.60262	0.497908	1.52394	1.52394	0.757008	0.826938	-1.20928	0.712277	0.797081	-1.25458	0.600283	0.723455	-1.38226	0.142338	0.380736	-2.62649	0.314354	0.52885	-1.89089	0.0578218	3.71798	3.71798	0.0224392	5.33564	5.33564	2.42736	14.4114	5.27739	1
cg19669385	NXN	0.113065	0.0468755	0.05006	-19.976	0.623157	0.521067	-1.91914	0.0909488	0.0862173	-11.5986	0.313575	0.253639	-3.94261	0.016713	0.021388	-46.7551	0.141117	0.12453	-8.03018	0.0209817	0.0258556	-38.6764	0.62074	0.518669	-1.92801	0.257404	0.211049	-4.73825	2.42733	66.5992	24.3886	1
cg22307732	LFNG;LFNG;LFNG;LFNG	0.113066	0.597898	0.9024	-1.10816	0.736128	0.936824	-1.06744	0.795816	0.951196	-1.05131	0.533836	1.12928	1.12928	0.850638	0.96428	-1.03704	0.168845	1.32693	1.32693	0.00501005	0.488473	-2.0472	0.133878	0.73203	-1.36606	0.813055	1.04677	1.04677	2.42732	1.43123	0.524121	1
cg12982277	SDC1;SDC1	0.113068	0.0461023	0.591388	-1.69094	0.45006	1.19351	1.19351	0.550706	0.870441	-1.14884	0.649291	0.900122	-1.11096	0.0643414	0.620218	-1.61234	0.649148	0.90008	-1.11101	0.0129028	0.4919	-2.03293	0.0678098	0.624895	-1.60027	0.630058	0.894454	-1.118	2.4273	2.03076	0.743672	1
cg08821160	FAM168A	0.113068	0.146809	0.748544	-1.33593	0.344349	1.19861	1.19861	0.404149	0.853193	-1.17207	0.76583	1.05713	1.05713	0.0154571	0.575456	-1.73775	0.934234	0.984767	-1.01547	0.580187	0.901305	-1.1095	0.346872	0.835135	-1.19741	0.0521576	1.50807	1.50807	2.4273	1.32989	0.48701	1
cg04660147	OPRL1;C20orf201;OPRL1	0.113071	0.451264	1.60621	1.60621	0.316735	1.89465	1.89465	0.348044	1.81577	1.81577	0.114307	2.88778	2.88778	0.980588	1.01513	1.01513	0.213159	2.24663	2.24663	0.00388838	11.0272	11.0272	0.0776971	3.35544	3.35544	0.247485	2.10967	2.10967	2.42727	14.6539	5.36638	1
cg18693004	SP4	0.113077	0.68438	1.19061	1.19061	0.455019	1.38381	1.38381	0.56453	0.779865	-1.28227	0.101226	2.15141	2.15141	0.0143497	0.275653	-3.62775	0.324763	1.54357	1.54357	0.135988	1.98545	1.98545	0.193429	1.79943	1.79943	0.510934	1.32929	1.32929	2.42722	7.00549	2.56553	1
cg12936423	COL11A2;COL11A2;COL11A2;COL11A2	0.113078	0.106307	0.469072	-2.13187	0.518844	0.755247	-1.32407	0.0932053	2.20918	2.20918	0.915004	0.955211	-1.04689	0.0140438	0.272108	-3.67501	0.716154	0.854932	-1.16968	0.550168	1.29626	1.29626	0.245549	1.68423	1.68423	0.353077	0.663566	-1.50701	2.42721	7.08191	2.59353	1
cg07021033	WNT9A	0.113078	0.768569	0.89962	-1.11158	0.301022	1.46841	1.46841	0.337723	1.4252	1.4252	0.45023	0.758952	-1.31761	0.0875127	0.508527	-1.96646	0.104538	0.529354	-1.88909	0.0177382	2.81146	2.81146	0.723839	1.13563	1.13563	0.439218	1.32688	1.32688	2.4272	4.94072	1.80939	1
cg04747007	ZNF358	0.113084	0.261554	1.64899	1.64899	0.0273414	0.327811	-3.05054	0.124413	0.491297	-2.03543	0.347015	0.661219	-1.51236	0.406665	1.4371	1.4371	0.691399	0.843287	-1.18584	0.144132	0.511552	-1.95484	0.0952994	2.18785	2.18785	0.354134	0.665477	-1.50268	2.42715	7.01528	2.56919	1
cg01262913	DSCR9	0.113086	0.141812	0.765861	-1.30572	0.0457465	0.679244	-1.47223	0.224461	1.24047	1.24047	0.559356	0.90511	-1.10484	0.073087	0.713495	-1.40155	0.471775	0.883722	-1.13158	0.0840563	0.724107	-1.38101	0.0603109	0.699224	-1.43016	0.0727589	0.713157	-1.40222	2.42713	1.09631	0.401501	1
cg00929878	NOL8;NOL8;CENPP	0.113088	0.313421	0.863794	-1.15768	0.0267047	1.44588	1.44588	0.119469	1.26778	1.26778	0.858388	1.0254	1.0254	0.775353	0.960615	-1.041	0.229486	1.19373	1.19373	0.0969606	1.29155	1.29155	0.0616339	1.34397	1.34397	0.0677484	1.33291	1.33291	2.42711	0.758104	0.277643	1
cg04847817	PITPNB;LOC284900;LOC284900	0.113089	0.270696	1.16381	1.16381	0.974513	1.00423	1.00423	0.0616701	1.32104	1.32104	0.298571	1.15319	1.15319	0.134657	1.23783	1.23783	0.160323	0.820033	-1.21946	0.0307524	0.714881	-1.39883	0.858602	0.976687	-1.02387	0.575853	0.927959	-1.07763	2.4271	0.672627	0.246339	1
cg20118422	PPIB;PPIB	0.113089	0.0791202	0.762656	-1.31121	0.614641	0.931874	-1.07311	0.934871	1.01142	1.01142	0.641515	0.936908	-1.06734	0.398492	0.88679	-1.12766	0.570705	0.923445	-1.0829	0.00850792	0.627035	-1.59481	0.0956767	1.28966	1.28966	0.71898	1.0515	1.0515	2.4271	0.742584	0.27196	1
cg01711344	UNC93B1	0.113091	0.0277881	0.435905	-2.29408	0.533717	1.22292	1.22292	0.796494	0.9208	-1.08601	0.266391	0.69092	-1.44735	0.374805	0.747635	-1.33755	0.433764	1.29049	1.29049	0.0724839	0.527359	-1.89624	0.111909	1.73796	1.73796	0.105693	0.568771	-1.75818	2.42709	3.91848	1.43509	1
cg03621566	LARS2	0.113093	0.967497	0.978921	-1.02153	0.677113	1.24478	1.24478	0.255369	0.537474	-1.86055	0.51528	0.708248	-1.41194	0.219312	0.50894	-1.96487	0.687355	0.809341	-1.23557	0.00240486	0.109615	-9.12284	0.811031	0.882284	-1.13342	0.909171	0.942074	-1.06149	2.42706	10.5088	3.84876	1
cg08713116	NAA16;NAA16;NAA16	0.113094	0.721479	0.916154	-1.09152	0.0377592	0.554624	-1.80302	0.346121	0.788704	-1.2679	0.795678	0.938489	-1.06554	0.00748177	0.430689	-2.32186	0.639989	0.89115	-1.12215	0.936478	1.01969	1.01969	0.369329	0.798071	-1.25302	0.0431618	0.566015	-1.76674	2.42706	2.30061	0.842577	1
cg11075451	GBP7	0.113095	0.0429725	0.15064	-6.63834	0.377382	0.47897	-2.08781	0.960365	1.04121	1.04121	0.706367	0.73522	-1.36014	0.0115182	0.0766655	-13.0437	0.728143	1.3279	1.3279	0.84512	1.17228	1.17228	0.135566	0.270549	-3.69619	0.0517625	0.165473	-6.04329	2.42704	25.388	9.29819	1
cg04854451	MRPL46;MRPS11;MRPS11	0.113096	0.0583315	0.495927	-2.01642	0.230594	1.51028	1.51028	0.33321	1.38711	1.38711	0.0247786	0.416406	-2.4015	0.597306	1.19097	1.19097	0.505698	0.801409	-1.2478	0.957575	1.01759	1.01759	0.373438	1.34922	1.34922	0.135143	1.69553	1.69553	2.42703	4.13095	1.51294	1
cg04069867	LOC728190;LOC439994	0.113097	0.596961	0.818871	-1.22119	0.130041	0.542062	-1.84481	0.950552	1.0235	1.0235	0.341361	1.44361	1.44361	0.309346	1.48284	1.48284	0.428573	0.738869	-1.35342	0.0100187	3.3783	3.3783	0.547615	0.796229	-1.25592	0.144249	1.79926	1.79926	2.42703	5.3901	1.9741	1
cg24588528	GRK4;GRK4;GRK4	0.113098	0.150601	1.28901	1.28901	0.0126234	0.599903	-1.66694	0.325005	1.18232	1.18232	0.165778	0.783836	-1.27578	0.841732	0.967593	-1.03349	0.735373	1.05749	1.05749	0.799745	1.04278	1.04278	0.344142	1.17419	1.17419	0.170787	1.27168	1.27168	2.42702	1.04373	0.382262	1
cg14163119	SARDH;SARDH	0.113101	0.643391	1.07259	1.07259	0.0346483	1.44807	1.44807	0.820759	1.0347	1.0347	0.447106	1.12353	1.12353	0.918333	1.01554	1.01554	0.261672	0.838662	-1.19237	0.111279	1.29791	1.29791	0.0234837	1.50198	1.50198	0.204229	0.817585	-1.22311	2.42698	0.868533	0.318102	1
cg13008935	SRGAP3;SRGAP3	0.113102	0.57449	0.788013	-1.26901	0.0521445	2.52871	2.52871	0.0793614	0.441359	-2.26573	0.606499	1.24384	1.24384	0.392401	0.692134	-1.44481	0.0899976	0.456213	-2.19196	0.0682758	0.424293	-2.35686	0.269553	1.62072	1.62072	0.558809	0.780136	-1.28183	2.42698	6.7795	2.48302	1
cg23063666	SLC13A4	0.113103	0.458828	1.28586	1.28586	0.0138957	2.75399	2.75399	0.0238181	2.45733	2.45733	0.957495	0.982391	-1.01792	0.707728	0.882022	-1.13376	0.36286	0.732181	-1.36578	0.231588	1.51928	1.51928	0.178053	1.61126	1.61126	0.308369	1.42111	1.42111	2.42696	4.27069	1.56416	1
cg23049458	L1TD1;L1TD1	0.113104	0.0752807	15.5451	15.5451	0.103556	11.7795	11.7795	0.173987	7.41638	7.41638	0.830972	0.743684	-1.34466	0.0844437	14.0724	14.0724	0.531397	0.415488	-2.40681	0.831339	0.744172	-1.34378	0.0242692	41.2825	41.2825	0.0603675	18.8075	18.8075	2.42696	73.7726	27.0197	1
cg06529996	TTC15	0.113106	0.370777	1.98272	1.98272	0.0187331	8.34481	8.34481	0.00636713	14.0782	14.0782	0.508507	1.64795	1.64795	0.920349	1.07733	1.07733	0.499115	1.66694	1.66694	0.182551	2.86776	2.86776	0.305417	2.2042	2.2042	0.246222	2.46737	2.46737	2.42694	21.3198	7.80858	1
cg25205438	PCDHB5;PCDHB5	0.113106	0.62205	1.2725	1.2725	0.793668	0.880622	-1.13556	0.597633	1.29476	1.29476	0.515119	1.37727	1.37727	0.0765429	0.384622	-2.59995	0.639975	1.25668	1.25668	0.0060266	5.69817	5.69817	0.276871	1.73067	1.73067	0.350323	1.59399	1.59399	2.42693	9.04121	3.31143	1
cg04397936	CRTAP	0.113107	0.037966	0.736314	-1.35812	0.264091	1.15962	1.15962	0.930534	1.01115	1.01115	0.0535186	0.756564	-1.32177	0.295951	1.14783	1.14783	0.8888	0.982359	-1.01796	0.196169	0.840399	-1.18991	0.097807	1.25995	1.25995	0.612235	1.06719	1.06719	2.42693	0.622087	0.227846	1
cg26476483	UACA;UACA	0.113108	0.159416	0.768045	-1.30201	0.109667	0.736321	-1.3581	0.12124	0.744615	-1.34298	0.192169	1.27417	1.27417	0.624596	0.91708	-1.09042	0.0425829	1.50649	1.50649	0.223441	1.2517	1.2517	0.879188	0.973657	-1.02706	0.283491	0.822364	-1.21601	2.42692	1.18404	0.43367	1
cg08690664	FLYWCH1;FLYWCH1	0.11311	0.583345	0.852044	-1.17365	0.159554	1.54414	1.54414	0.480937	0.812953	-1.23008	0.927734	1.02657	1.02657	0.00516077	0.343872	-2.90806	0.931659	0.975512	-1.0251	0.213732	0.684935	-1.45999	0.361356	1.31156	1.31156	0.806217	0.931422	-1.07363	2.4269	3.21146	1.17624	1
cg16619049	FAM41C	0.11311	0.209728	0.558428	-1.79074	0.342222	0.649668	-1.53925	0.562034	1.29483	1.29483	0.7718	1.13674	1.13674	0.0474048	0.368009	-2.71732	0.0562552	0.38566	-2.59295	0.0175818	0.279915	-3.57252	0.0941341	0.444352	-2.25047	0.23372	0.576813	-1.73366	2.4269	7.46608	2.73456	1
cg08147985	KCNQ3	0.113111	0.0219097	3.71962	3.71962	0.189666	1.94187	1.94187	0.915144	1.05223	1.05223	0.43393	0.682886	-1.46437	0.101642	0.42482	-2.35394	0.220351	0.540334	-1.85071	0.168363	0.495972	-2.01624	0.275333	0.5815	-1.71969	0.490175	0.715452	-1.39772	2.42689	8.77156	3.21273	1
cg23641267	LPXN;LPXN	0.113111	0.705176	1.07589	1.07589	0.0668522	1.48493	1.48493	0.231523	0.785456	-1.27315	0.858642	1.0349	1.0349	0.2537	0.795025	-1.25782	0.100832	1.41316	1.41316	0.0271788	1.65389	1.65389	0.151192	1.34445	1.34445	0.562862	0.893534	-1.11915	2.42689	1.42336	0.521329	1
cg00308618	CACNB4;CACNB4;CACNB4;CACNB4	0.113113	0.106684	0.527318	-1.89639	0.0169279	2.88164	2.88164	0.0453023	2.30316	2.30316	0.912856	1.04057	1.04057	0.545659	0.800765	-1.24881	0.963284	1.01686	1.01686	0.722074	1.13855	1.13855	0.586476	0.819102	-1.22085	0.339168	0.699125	-1.43036	2.42688	5.07341	1.85823	1
cg10065209	TAS1R3	0.113115	0.0574565	0.134393	-7.44085	0.0926233	0.177544	-5.6324	0.2237	0.303004	-3.30028	0.229547	0.308017	-3.24657	0.0391726	0.107615	-9.2924	0.0774555	0.159896	-6.25406	0.0261919	0.085121	-11.748	0.18597	0.269875	-3.70541	0.0470471	0.119681	-8.35554	2.42686	33.5322	12.2819	1
cg23952550	MIR943;WHSC2	0.113116	0.0290629	0.330571	-3.02507	0.078664	0.431562	-2.31716	0.484627	0.736693	-1.35742	0.0946145	0.453609	-2.20454	0.123503	0.487801	-2.05002	0.0919084	0.45006	-2.22192	0.0136021	0.26885	-3.71955	0.526679	0.758805	-1.31786	0.212685	0.568502	-1.75901	2.42684	7.11593	2.60638	1
cg26164440	CSRNP1	0.113118	0.0347789	1.61652	1.61652	0.347347	1.20788	1.20788	0.0787898	1.46375	1.46375	0.86332	1.0342	1.0342	0.197159	0.766352	-1.30488	0.386321	0.840856	-1.18926	0.263523	0.796522	-1.25546	0.0683018	1.48944	1.48944	0.348492	1.20731	1.20731	2.42682	1.46424	0.536318	1
cg14334161	NODAL	0.113119	0.385038	1.31397	1.31397	0.434861	1.27671	1.27671	0.0952701	1.7541	1.7541	0.423981	1.28449	1.28449	0.0777002	1.82422	1.82422	0.0384884	2.08568	2.08568	0.00998813	2.71106	2.71106	0.0798253	1.81481	1.81481	0.87502	1.04944	1.04944	2.42682	3.61299	1.32336	1
cg01320491	PTPN23	0.11312	0.0700441	1.91901	1.91901	0.0268349	2.32549	2.32549	0.0213662	2.43512	2.43512	0.19794	1.54945	1.54945	0.580791	1.19661	1.19661	0.116059	1.73262	1.73262	0.0508815	2.04575	2.04575	0.196895	1.55122	1.55122	0.915299	1.03483	1.03483	2.4268	3.98028	1.4579	1
cg02048646	FBXO9;FBXO9	0.113121	0.422564	0.895707	-1.11644	0.423816	1.11609	1.11609	0.783967	1.03764	1.03764	0.0286017	0.706635	-1.41516	0.917097	1.0141	1.0141	0.144351	0.809906	-1.23471	0.0531122	0.744181	-1.34376	0.729404	1.0478	1.0478	0.081731	1.29612	1.29612	2.4268	0.694821	0.254499	1
cg00750074	SPG7	0.113122	0.441203	1.26532	1.26532	0.0775757	1.80002	1.80002	0.693977	1.12579	1.12579	0.811988	0.931091	-1.07401	0.491244	0.811001	-1.23304	0.016747	0.416902	-2.39865	0.664887	1.1395	1.1395	0.073252	1.81944	1.81944	0.433159	0.786897	-1.27081	2.42679	3.45066	1.26392	1
cg08038667	EID2B;EID2B	0.113122	0.407614	1.33436	1.33436	0.151506	1.6876	1.6876	0.254192	1.49998	1.49998	0.0566152	0.479591	-2.08511	0.0530594	0.473056	-2.11392	0.511197	0.796989	-1.25472	0.321078	0.705324	-1.41779	0.132779	1.73728	1.73728	0.553855	1.2262	1.2262	2.42678	4.45685	1.63247	1
cg10859681	TNXB	0.113125	0.171116	0.733296	-1.36371	0.0806572	1.51045	1.51045	0.363212	1.22009	1.22009	0.190395	0.744396	-1.34337	0.0466234	1.62421	1.62421	0.322481	0.804484	-1.24303	0.071741	1.53416	1.53416	0.858992	1.03858	1.03858	0.805279	0.94878	-1.05398	2.42676	1.7416	0.637925	1
cg11271188	RAI1	0.113127	0.748153	0.939928	-1.06391	0.874945	1.03075	1.03075	0.095201	1.42272	1.42272	0.43911	1.16388	1.16388	0.0686088	1.47994	1.47994	0.0258178	1.66361	1.66361	0.0222892	1.69341	1.69341	0.894309	0.974762	-1.02589	0.5638	0.893845	-1.11876	2.42674	1.42144	0.520657	1
cg25623977	NADSYN1	0.113127	0.00781274	0.134287	-7.44674	0.249102	0.492457	-2.03063	0.91508	1.06473	1.06473	0.775411	0.845185	-1.18317	0.196847	0.448286	-2.23072	0.37778	1.70256	1.70256	0.122741	0.374064	-2.67334	0.128666	0.380757	-2.62635	0.112695	0.362291	-2.76021	2.42673	13.2889	4.86758	1
cg27604613	CBLB	0.113129	?	?	?	0.28769	2.13639	2.13639	0.116748	3.34977	3.34977	0.757165	1.23181	1.23181	0.62954	0.720593	-1.38775	0.0213475	0.121276	-8.24569	?	?	?	?	?	?	0.91541	1.07389	1.07389	3.17011	13.8232	3.63374	1
cg15339688	NRG3;NRG3;NRG3	0.113131	0.86829	1.05507	1.05507	0.506869	0.804514	-1.24299	0.00790137	0.332699	-3.00572	0.819253	0.928735	-1.07673	0.558389	0.82599	-1.21067	0.38893	1.33003	1.33003	0.0508279	2.05168	2.05168	0.594166	1.18971	1.18971	0.821219	0.929498	-1.07585	2.42671	4.01003	1.46885	1
cg18990042	COL2A1;COL2A1	0.113132	0.444821	1.88437	1.88437	0.280081	0.401182	-2.49263	0.0818231	4.79993	4.79993	0.123168	3.89026	3.89026	0.146079	0.281038	-3.55824	0.0759937	4.98379	4.98379	0.112603	0.245381	-4.0753	0.397024	0.493888	-2.02475	0.712838	1.3508	1.3508	2.4267	25.4297	9.31479	1
cg13681940	MGC34034;MGC34034	0.113133	0.173139	2.4131	2.4131	0.68669	1.27944	1.27944	0.915712	0.937688	-1.06645	0.162415	0.403978	-2.47538	0.231039	0.466027	-2.1458	0.0918253	0.32369	-3.08938	0.0235318	0.193241	-5.1749	0.877802	1.09802	1.09802	0.146884	2.57573	2.57573	2.42668	14.1945	5.19941	1
cg26204638	TP53INP2	0.113133	0.488121	0.844944	-1.18351	0.457459	0.834434	-1.19842	0.0974344	1.54504	1.54504	0.79496	0.939603	-1.06428	0.0639826	0.607752	-1.64541	0.0276287	1.86442	1.86442	0.228979	0.739348	-1.35254	0.423763	0.822484	-1.21583	0.424034	1.21568	1.21568	2.42668	2.19912	0.805534	1
cg25314885	PPM1J	0.113134	0.633027	1.08089	1.08089	0.737473	1.05591	1.05591	0.850969	1.03088	1.03088	0.63275	1.08096	1.08096	0.234202	0.81738	-1.22342	0.251178	1.21393	1.21393	0.0122657	1.65605	1.65605	0.0626262	1.40325	1.40325	0.0470354	1.44419	1.44419	2.42667	1.00494	0.368107	1
cg18686155	BMP4;BMP4;BMP4	0.113134	0.437665	0.75851	-1.31837	0.15681	1.69671	1.69671	0.0128085	2.9427	2.9427	0.768323	1.10863	1.10863	0.499172	0.787022	-1.27061	0.0747165	1.99983	1.99983	0.0635516	2.07149	2.07149	0.638191	1.17981	1.17981	0.720535	0.882133	-1.13362	2.42667	4.68427	1.71585	1
cg05184076	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.113135	0.166141	0.390849	-2.55853	0.734785	0.805473	-1.24151	0.588107	1.41607	1.41607	0.0506671	4.12362	4.12362	0.0297703	5.0894	5.0894	0.138292	0.362313	-2.76005	0.20954	0.431095	-2.31968	0.848161	1.1297	1.1297	0.744742	1.23102	1.23102	2.42666	15.5561	5.69823	1
cg20113307	TFCP2	0.113137	0.630695	0.779772	-1.28243	0.284893	0.565276	-1.76905	0.0121783	0.201014	-4.97478	0.0833064	0.373614	-2.67656	0.223925	0.518858	-1.92731	0.0753595	0.361777	-2.76413	0.0326607	0.277	-3.61011	0.846819	0.905454	-1.10442	0.101843	0.398657	-2.50842	2.42664	10.1356	3.71269	1
cg00702693	SLC39A1;CREB3L4	0.113138	0.144125	0.628437	-1.59125	0.070475	1.81936	1.81936	0.296655	1.37759	1.37759	0.546097	1.19823	1.19823	0.10972	1.67563	1.67563	0.169266	1.54267	1.54267	0.155618	0.637765	-1.56798	0.15504	0.637308	-1.5691	0.289332	1.38486	1.38486	2.42664	3.36818	1.23378	1
cg00579595	MGMT	0.113141	0.0935747	0.750845	-1.33183	0.0604609	1.38951	1.38951	0.994365	1.0011	1.0011	0.669547	0.935469	-1.06898	0.143543	0.783314	-1.27663	0.762015	0.953902	-1.04833	0.0678834	1.37404	1.37404	0.418714	0.879508	-1.137	0.0953783	0.752248	-1.32935	2.42661	0.927904	0.339899	1
cg14835876	C2orf43	0.113141	0.27661	1.33013	1.33013	0.207918	0.715533	-1.39756	0.112996	0.647358	-1.54474	0.514542	0.846522	-1.1813	0.285098	1.32299	1.32299	0.98001	0.993704	-1.00634	0.0141515	2.14516	2.14516	0.258788	0.743031	-1.34584	0.611075	1.13802	1.13802	2.42661	2.44239	0.89467	1
cg16018754	FTSJD2	0.113141	0.467141	0.913816	-1.09431	0.255179	0.865281	-1.15569	0.0151913	1.43798	1.43798	0.612597	1.06417	1.06417	0.427341	0.906001	-1.10375	0.512875	0.922345	-1.08419	0.0357373	1.3467	1.3467	0.505192	0.920942	-1.08584	0.775772	1.0354	1.0354	2.42661	0.570207	0.208872	1
cg01338630	RASD2	0.113142	0.246975	1.1529	1.1529	0.661858	1.05308	1.05308	0.0569825	1.28807	1.28807	0.106124	1.23049	1.23049	0.0330615	1.34031	1.34031	0.0975484	1.23821	1.23821	0.194975	1.17482	1.17482	0.93473	0.99042	-1.00967	0.128899	0.824596	-1.21271	2.42659	0.530855	0.194458	1
cg23210075	BAIAP2;BAIAP2;BAIAP2	0.113146	0.0447053	0.50543	-1.97851	0.403736	0.776484	-1.28786	0.4966	1.22676	1.22676	0.312194	1.3628	1.3628	0.0399217	0.495018	-2.02013	0.0704261	0.549522	-1.81976	0.0683612	0.546512	-1.82978	0.961688	1.01432	1.01432	0.24285	0.696375	-1.43601	2.42656	3.36911	1.23416	1
cg03065888	CYC1	0.113147	0.12039	0.525906	-1.90148	0.576886	1.23988	1.23988	0.123965	0.529668	-1.88798	0.346588	1.44735	1.44735	0.404012	1.38504	1.38504	0.490531	0.765556	-1.30624	0.103782	0.507334	-1.97109	0.35435	1.43833	1.43833	0.0201286	0.343226	-2.91353	2.42655	5.59236	2.04858	1
cg23035209	BTF3;BTF3	0.113151	0.0539683	0.673327	-1.48516	0.697802	0.931884	-1.07309	0.802128	0.955617	-1.04644	0.150714	0.756948	-1.32109	0.0144948	0.580077	-1.72391	0.390967	0.853065	-1.17224	0.0248405	0.616994	-1.62076	0.0755747	0.69933	-1.42994	0.432623	0.865207	-1.15579	2.42651	1.25623	0.460188	1
cg25636182	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.113151	0.400231	1.32337	1.32337	0.0780231	1.89105	1.89105	0.0666156	1.9527	1.9527	0.958276	0.983121	-1.01717	0.507535	1.24453	1.24453	0.955232	0.981899	-1.01843	0.00530387	3.30544	3.30544	0.326199	1.39073	1.39073	0.170462	1.60797	1.60797	2.42651	4.06862	1.49044	1
cg16676413	STX1A;STX1A	0.113157	0.230834	1.94504	1.94504	0.291453	0.560245	-1.78493	0.203934	0.491814	-2.03329	0.363474	0.609989	-1.63937	0.442696	0.660822	-1.51327	0.910862	1.06107	1.06107	0.309598	1.74459	1.74459	0.684648	0.805646	-1.24124	0.00866051	5.87801	5.87801	2.42646	10.7656	3.94377	1
cg00801465	HES1	0.113158	0.91117	0.984326	-1.01592	0.242953	1.18883	1.18883	0.807924	1.03508	1.03508	0.395085	1.13122	1.13122	0.528862	0.913643	-1.09452	0.832548	0.970472	-1.03043	0.00343561	0.569725	-1.75523	0.907062	1.01667	1.01667	0.719874	1.0523	1.0523	2.42644	0.77009	0.282111	1
cg21448145	FGF14	0.113159	0.0460744	0.55404	-1.80492	0.786941	1.07249	1.07249	0.487897	0.833553	-1.19968	0.114049	1.5591	1.5591	0.979021	0.99323	-1.00682	0.315469	1.30752	1.30752	0.027025	0.50847	-1.96668	0.241842	1.37228	1.37228	0.577091	1.15666	1.15666	2.42643	2.56472	0.939547	1
cg23313650	WASL	0.11316	0.366316	0.876509	-1.14089	0.0172383	0.66228	-1.50994	0.542351	0.91614	-1.09154	0.814148	1.03401	1.03401	0.0537914	0.732735	-1.36475	0.305225	0.860039	-1.16274	0.103278	1.28797	1.28797	0.421046	1.12382	1.12382	0.739283	1.04858	1.04858	2.42643	0.775071	0.283937	1
cg07295246	SH3KBP1	0.113161	0.00632076	0.160917	-6.21439	0.112037	0.411064	-2.43271	0.768107	1.16405	1.16405	0.597687	1.3147	1.3147	0.203907	0.502135	-1.9915	0.386694	0.633894	-1.57755	0.0889997	0.381498	-2.62125	0.516812	0.713422	-1.4017	0.15355	0.456099	-2.19251	2.42642	10.1432	3.71583	1
cg27585878	FBXO31;FBXO31	0.113161	0.0546955	0.601975	-1.6612	0.156145	1.42379	1.42379	0.164196	1.41295	1.41295	0.57187	1.14229	1.14229	0.989791	0.997025	-1.00298	0.517769	1.16499	1.16499	0.0508882	1.67862	1.67862	0.748471	0.927813	-1.0778	0.0848392	0.64158	-1.55865	2.42641	2.08427	0.763549	1
cg02372056	ATG2A	0.113161	0.736888	0.971533	-1.0293	0.816144	0.98025	-1.02015	0.294418	0.911069	-1.09761	0.883145	0.987482	-1.01268	0.360844	1.08378	1.08378	0.322462	1.09148	1.09148	0.0150828	1.29149	1.29149	0.174019	1.13186	1.13186	0.0253057	1.25578	1.25578	2.42641	0.281889	0.103267	1
cg15161691	B3GAT1;B3GAT1	0.113162	0.315086	1.38056	1.38056	0.427003	1.28631	1.28631	0.593943	1.18182	1.18182	0.54023	1.21226	1.21226	0.0423935	0.484	-2.06612	0.037832	2.112	2.112	0.0728479	1.86115	1.86115	0.1082	1.72297	1.72297	0.289656	1.40662	1.40662	2.42641	3.70356	1.35676	1
cg02834497	ZNF44;ZNF44	0.113162	0.0186549	1.71009	1.71009	0.317914	0.823448	-1.21441	0.537491	0.889155	-1.12466	0.127811	1.36316	1.36316	0.579441	0.900021	-1.11109	0.844367	0.963692	-1.03768	0.69913	0.929527	-1.07582	0.0534401	0.661799	-1.51103	0.366304	1.19083	1.19083	2.42641	1.36066	0.498465	1
cg12087627	ZZEF1	0.113162	0.514498	1.1999	1.1999	0.0221649	2.12995	2.12995	0.312509	1.33379	1.33379	0.841477	0.946288	-1.05676	0.0270474	0.485953	-2.05781	0.272743	1.36986	1.36986	0.85795	1.05063	1.05063	0.152202	1.52631	1.52631	0.897813	1.03606	1.03606	2.42641	2.92086	1.07003	1
cg04031504	TXLNA	0.113166	0.0635474	0.756121	-1.32254	0.0161698	1.48333	1.48333	0.821281	0.970134	-1.03079	0.897052	1.0175	1.0175	0.236102	0.846729	-1.18102	0.246809	0.850195	-1.1762	0.187839	1.20567	1.20567	0.502201	0.912775	-1.09556	0.92158	1.01328	1.01328	2.42637	0.690109	0.252818	1
cg02926127	AICDA	0.113169	0.657399	0.913464	-1.09473	0.696786	1.08264	1.08264	0.490609	1.15256	1.15256	0.505783	0.872049	-1.14672	0.628489	0.905863	-1.10392	0.537421	1.13499	1.13499	0.00675778	2.03799	2.03799	0.063686	0.655253	-1.52613	0.904254	1.0247	1.0247	2.42634	1.58009	0.578864	1
cg05571558	ATP2B2;MIR885;ATP2B2	0.113173	0.487193	1.13686	1.13686	0.0191353	1.67398	1.67398	0.0307159	1.58597	1.58597	0.181534	1.29397	1.29397	0.481733	0.878152	-1.13876	0.0851984	1.41313	1.41313	0.0631727	1.46189	1.46189	0.835322	1.03855	1.03855	0.630588	1.09204	1.09204	2.4263	1.26881	0.464836	1
cg03119844	ESAM	0.113174	0.0717041	1.52576	1.52576	0.281928	0.790619	-1.26483	0.539938	1.13925	1.13925	0.7984	1.05525	1.05525	0.679576	0.916435	-1.09119	0.223634	0.764429	-1.30817	0.305331	1.24984	1.24984	0.0259116	0.573725	-1.743	0.12297	1.42064	1.42064	2.4263	1.69632	0.621459	1
cg14715602	ALKBH5	0.113174	0.0475114	0.618708	-1.61627	0.839232	1.04397	1.04397	0.0177945	1.84098	1.84098	0.642954	0.905852	-1.10393	0.749299	1.07027	1.07027	0.889638	1.02984	1.02984	0.0805049	0.663248	-1.50773	0.296935	0.79529	-1.2574	0.879864	0.968473	-1.03255	2.42629	1.72397	0.631587	1
cg00697413	HBA2;HBA2	0.113175	0.519515	1.22779	1.22779	0.993699	1.00248	1.00248	0.597028	1.18257	1.18257	0.892729	0.95848	-1.04332	0.976918	1.00913	1.00913	0.920852	1.03173	1.03173	0.00597233	0.323155	-3.09449	0.764031	1.09925	1.09925	0.0554041	1.97873	1.97873	2.42628	3.79605	1.39071	1
cg26105015	SEMA5B	0.113179	0.210841	0.674807	-1.48191	0.360812	0.755583	-1.32348	0.180375	0.654166	-1.52866	0.32892	0.740364	-1.35069	0.0313316	0.470711	-2.12444	0.264774	0.706981	-1.41447	0.00538045	0.335103	-2.98416	0.217908	0.679305	-1.47209	0.909798	0.966754	-1.03439	2.42624	3.42017	1.25303	1
cg25547286	TUBGCP3	0.113179	0.0406295	0.69489	-1.43908	0.157093	0.792151	-1.26239	0.23297	0.82483	-1.21237	0.816536	1.03643	1.03643	0.0101623	0.607045	-1.64732	0.0603053	0.721638	-1.38574	0.994884	1.00099	1.00099	0.789044	0.959549	-1.04216	0.22562	0.822058	-1.21646	2.42624	0.91109	0.333791	1
cg05518482	GPR78	0.113183	0.0289992	0.357236	-2.79927	0.217281	0.595047	-1.68054	0.138924	0.528881	-1.89078	0.349038	0.680089	-1.4704	0.0122953	0.287391	-3.47958	0.306478	0.654814	-1.52715	0.788764	1.11337	1.11337	0.591254	1.24209	1.24209	0.124143	0.513829	-1.94617	2.42621	6.14533	2.25146	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26389232	SNORD116-1	0.113188	0.136334	0.460239	-2.17278	0.202778	0.521981	-1.91578	0.499922	1.3925	1.3925	0.767063	0.866211	-1.15445	0.0353338	0.305756	-3.27059	0.263331	0.569037	-1.75736	0.135181	0.459025	-2.17853	0.201569	1.91949	1.91949	0.0335446	0.301009	-3.32216	2.42616	8.98291	3.29113	1
cg05638250	RHOBTB2;RHOBTB2;RHOBTB2	0.113188	0.344573	1.37376	1.37376	0.0887548	1.8448	1.8448	0.884409	1.04859	1.04859	0.0799833	1.88446	1.88446	0.103725	0.559704	-1.78666	0.820201	0.928434	-1.07708	0.508345	0.803432	-1.24466	0.0191655	2.52057	2.52057	0.657894	1.15646	1.15646	2.42616	4.08807	1.49777	1
cg23889772	COL5A3	0.113192	0.166663	2.16948	2.16948	0.0461268	3.32085	3.32085	0.0778841	2.79845	2.79845	0.882458	1.08081	1.08081	0.181355	2.10702	2.10702	0.364924	1.63064	1.63064	0.00681479	6.30401	6.30401	0.275875	1.81366	1.81366	0.961286	1.02582	1.02582	2.42613	10.6001	3.88368	1
cg23334660	FAT1	0.113192	0.608011	1.19048	1.19048	0.849864	1.06595	1.06595	0.0134639	2.80416	2.80416	0.157163	1.66509	1.66509	0.512936	0.799614	-1.2506	0.651399	0.857882	-1.16566	0.112051	0.558137	-1.79167	0.206383	0.638157	-1.56701	0.260511	1.48516	1.48516	2.42612	4.3643	1.599	1
cg00290974	SBF2	0.113193	0.288707	0.613836	-1.6291	0.462678	1.39274	1.39274	0.407348	1.45581	1.45581	0.609928	1.25608	1.25608	0.0320992	0.328749	-3.04183	0.974555	0.985967	-1.01423	0.0229411	0.299503	-3.33886	0.069655	0.406961	-2.45724	0.413786	0.690596	-1.44803	2.42611	7.5443	2.76412	1
cg02716826	SUGT1P1;AQP3	0.113195	0.243302	0.630202	-1.58679	0.152932	1.78401	1.78401	0.858634	0.934799	-1.06975	0.488251	0.766219	-1.30511	0.607964	1.21613	1.21613	0.94514	1.02637	1.02637	0.00478483	0.242645	-4.12125	0.887391	0.947827	-1.05504	0.302533	0.667706	-1.49767	2.42609	5.4953	2.01341	1
cg25989623	FLJ10661;FLJ10661;FLJ10661	0.113197	0.871291	0.947626	-1.05527	0.121614	1.74502	1.74502	0.35527	0.729431	-1.37093	0.121529	0.572972	-1.74529	0.0527932	2.07576	2.07576	0.358438	1.36793	1.36793	0.923202	1.03251	1.03251	0.0410351	0.457383	-2.18635	0.429758	0.765359	-1.30658	2.42607	4.2293	1.54958	1
cg20431774	IFFO2	0.113199	0.13044	1.39359	1.39359	0.982825	1.00438	1.00438	0.360387	0.826084	-1.21053	0.693573	0.922689	-1.08379	0.480548	0.864416	-1.15685	0.806445	1.05114	1.05114	0.0048254	2.13765	2.13765	0.443213	0.853124	-1.17216	0.950414	0.987443	-1.01272	2.42606	1.58634	0.581224	1
cg07480653	GAST	0.113199	0.865252	0.953136	-1.04917	0.0161027	0.43507	-2.29848	0.341921	0.758254	-1.31882	0.19844	1.46827	1.46827	0.918029	1.02952	1.02952	0.0902837	1.69475	1.69475	0.111219	1.63286	1.63286	0.940532	1.02131	1.02131	0.436635	1.2514	1.2514	2.42605	3.06869	1.12435	1
cg01019355	USP12	0.113202	0.0429314	0.329613	-3.03386	0.373227	0.646964	-1.54568	0.86956	1.08144	1.08144	0.158725	2.04962	2.04962	0.729416	0.847537	-1.17989	0.243933	0.55947	-1.78741	0.0753858	0.389434	-2.56783	0.0535038	2.84259	2.84259	0.659635	0.809663	-1.23508	2.42603	8.71975	3.19489	1
cg21977210	RPP21	0.113202	0.255857	0.824022	-1.21356	0.370111	1.16206	1.16206	0.0421232	1.46536	1.46536	0.180166	1.26145	1.26145	0.408411	1.14796	1.14796	0.299488	0.839062	-1.19181	0.551163	1.10341	1.10341	0.0613085	1.41067	1.41067	0.0358996	1.48932	1.48932	2.42602	1.02319	0.374894	1
cg12361987	ZPBP;ZPBP	0.113203	0.175544	0.553457	-1.80682	0.459938	0.734191	-1.36204	0.00591276	0.227908	-4.38773	0.264885	0.620512	-1.61157	0.118295	0.498348	-2.00663	0.230214	0.596325	-1.67694	0.0367458	0.369172	-2.70877	0.306993	0.647705	-1.54391	0.142072	0.522974	-1.91214	2.42601	6.48051	2.37445	1
cg16100355	MCF2L;MCF2L	0.113204	0.361027	0.41957	-2.38339	0.105208	5.14196	5.14196	0.607159	0.618979	-1.61556	0.498996	0.530034	-1.88667	0.00418063	0.028735	-34.8008	0.694015	0.693693	-1.44156	0.548985	0.570703	-1.75222	0.566129	0.58481	-1.70996	0.976232	0.97282	-1.02794	2.42601	32.873	12.0447	1
cg22234479	TUBA3C	0.113205	0.0238984	0.116973	-8.54896	0.143287	0.285852	-3.49832	0.0443268	0.158972	-6.29041	0.972276	0.97271	-1.02806	0.801045	1.22267	1.22267	0.238109	0.373872	-2.67471	0.989911	0.989983	-1.01012	0.585767	0.645237	-1.54982	0.0180371	0.101549	-9.84742	2.426	24.3554	8.92386	1
cg20406267	ABTB2	0.113206	0.0869402	0.377985	-2.64561	0.0741205	0.35906	-2.78505	0.105802	0.402829	-2.48244	0.0289069	0.265606	-3.76498	0.025008	0.253492	-3.9449	0.144914	0.446758	-2.23835	0.0711716	0.35441	-2.82159	0.115015	0.413961	-2.41569	0.296549	0.572912	-1.74547	2.42599	10.177	3.72887	1
cg10439456	TRIM69;TRIM69	0.11321	0.168273	0.518166	-1.92988	0.164053	0.51432	-1.94431	0.0529979	0.373577	-2.67683	0.50939	1.34945	1.34945	0.0221385	0.292764	-3.41573	0.234175	0.572099	-1.74795	0.164139	0.514399	-1.94402	0.328125	1.57143	1.57143	0.124331	0.474667	-2.10674	2.42595	7.70388	2.82277	1
cg21303011	THRB;THRB;THRB	0.113212	0.101141	9.2845	9.2845	0.294754	3.85297	3.85297	0.280446	4.02542	4.02542	0.0668065	12.8174	12.8174	0.385871	0.331725	-3.01454	0.468318	2.49911	2.49911	0.781172	0.707745	-1.41294	0.0153264	40.2314	40.2314	0.0542643	15.0486	15.0486	2.42593	59.1998	21.6915	1
cg15906151	SETDB2;CAB39L;CAB39L	0.113212	?	?	?	0.0861971	2.49017	2.49017	0.387728	1.53121	1.53121	?	?	?	0.0138492	0.231384	-4.32182	0.352074	0.630735	-1.58545	0.626773	0.78991	-1.26597	0.868709	1.08287	1.08287	0.941586	1.0359	1.0359	2.48087	7.07793	3.26058	1
cg06419850	VMO1;VMO1;VMO1;VMO1	0.113213	0.0312975	14.1958	14.1958	0.0653895	8.77523	8.77523	0.128691	5.60851	5.60851	0.118737	5.91978	5.91978	0.269485	3.34531	3.34531	0.103032	6.50673	6.50673	0.184661	0.228212	-4.38188	0.164903	4.7386	4.7386	0.176373	4.52381	4.52381	2.42592	42.3677	15.5241	1
cg01094950	ZFP36L2;LOC100129726	0.113215	0.182861	0.52027	-1.92208	0.144482	0.484509	-2.06394	0.0099574	0.22209	-4.50268	0.0337812	0.317949	-3.14516	0.0866812	0.416971	-2.39825	0.480241	0.717688	-1.39336	0.0755041	0.400648	-2.49596	0.196196	0.531645	-1.88095	0.295871	0.605876	-1.6505	2.4259	8.21036	3.0084	1
cg27569300	SYNM;SYNM	0.113215	0.996805	1.00101	1.00101	0.533969	1.17221	1.17221	0.630715	1.12996	1.12996	0.00389326	0.375133	-2.66572	0.272896	0.749878	-1.33355	0.16301	0.686868	-1.45588	0.845264	1.05052	1.05052	0.673872	0.898733	-1.11268	0.543484	1.1678	1.1678	2.4259	2.44467	0.895765	1
cg00764217	ST7;ST7	0.113218	0.0604004	2.23424	2.23424	0.24347	1.5893	1.5893	0.231039	1.61112	1.61112	0.00889597	3.53839	3.53839	0.332829	1.46117	1.46117	0.97171	0.986628	-1.01355	0.844102	1.0776	1.0776	0.532098	0.786434	-1.27156	0.0571043	2.26402	2.26402	2.42588	5.53672	2.02876	1
cg24798493	TNRC18	0.113219	0.117571	1.50806	1.50806	0.0584752	1.67649	1.67649	0.0208078	1.9591	1.9591	0.381674	1.24217	1.24217	0.0915569	1.56682	1.56682	0.0317342	1.83772	1.83772	0.70339	0.911686	-1.09687	0.134319	1.47732	1.47732	0.579225	1.14497	1.14497	2.42587	2.24442	0.822402	1
cg18737081	ZMIZ1	0.113219	0.477818	0.556508	-1.79692	0.0605101	0.179277	-5.57796	0.128995	0.263887	-3.7895	0.336189	2.23738	2.23738	0.453657	0.538004	-1.85872	0.675785	0.710654	-1.40716	0.5201	0.588914	-1.69804	0.017137	10.584	10.584	0.561432	1.61097	1.61097	2.42587	25.3377	9.28429	1
cg07857040	IFT140	0.113219	0.0520954	0.235494	-4.2464	0.86202	0.892391	-1.12059	0.189662	0.402846	-2.48234	0.10147	0.309274	-3.23338	0.051817	0.234981	-4.25566	0.0759255	0.274538	-3.64248	0.0144657	0.139156	-7.1862	0.654598	0.744748	-1.34274	0.143427	0.357374	-2.79819	2.42587	16.456	6.02982	1
cg20561454	PLA2G6;PLA2G6	0.113221	0.172049	0.68974	-1.44982	0.146577	1.48906	1.48906	0.0188645	2.0684	2.0684	0.745558	1.08676	1.08676	0.218549	1.39191	1.39191	0.273091	1.33836	1.33836	0.380656	1.25832	1.25832	0.099682	0.630626	-1.58573	0.629711	1.13217	1.13217	2.42584	2.5084	0.919138	1
cg25764695	THRAP3	0.113222	0.045483	0.525316	-1.90362	0.261141	0.719723	-1.38942	0.130936	0.632732	-1.58045	0.361883	0.768724	-1.30086	0.015385	0.434031	-2.30398	0.105116	0.608373	-1.64373	0.11325	0.616495	-1.62207	0.974927	0.991219	-1.00886	0.0390732	0.511586	-1.9547	2.42584	3.02599	1.1088	1
cg05089090	CCNA1;CCNA1;CCNA1;CCNA1	0.113222	0.0047617	0.271724	-3.6802	0.838865	1.07335	1.07335	0.818538	0.923217	-1.08317	0.0781496	0.506424	-1.97463	0.889621	0.952873	-1.04946	0.698351	1.14498	1.14498	0.154864	0.589025	-1.69772	0.564735	1.2243	1.2243	0.505061	0.790468	-1.26507	2.42583	4.64323	1.7014	1
cg17024526	SELK	0.113223	0.432603	0.909473	-1.09954	0.0304769	1.35162	1.35162	0.487755	0.919864	-1.08712	0.376667	1.11348	1.11348	0.392261	0.90136	-1.10943	0.0186499	1.40197	1.40197	0.644815	0.946485	-1.05654	0.456132	0.913994	-1.0941	0.305957	1.13382	1.13382	2.42583	0.539385	0.197645	1
cg07704699	BDNF;BDNF;BDNF;BDNF	0.113224	0.125571	0.519516	-1.92487	0.991849	0.995973	-1.00404	0.521817	1.29236	1.29236	0.436344	0.730744	-1.36847	0.0204595	0.331764	-3.01419	0.0541544	0.421748	-2.37108	0.0446692	0.402292	-2.48576	0.495839	1.31413	1.31413	0.257786	0.627195	-1.5944	2.42582	5.99544	2.1969	1
cg00534343	ABTB2	0.113226	0.796485	0.915092	-1.09279	0.431038	0.758867	-1.31775	0.898279	0.95704	-1.04489	0.16407	0.600626	-1.66493	0.0608554	0.484104	-2.06567	0.196407	0.625644	-1.59835	0.0514002	0.466978	-2.14143	0.0342435	0.428218	-2.33526	0.0157589	0.362113	-2.76157	2.4258	4.52864	1.65944	1
cg14891410	WIT1	0.113226	0.247909	2.38907	2.38907	0.404391	1.84986	1.84986	0.211158	2.58518	2.58518	0.0710838	4.27883	4.27883	0.622975	0.699587	-1.42942	0.447269	0.572096	-1.74796	0.744246	0.78977	-1.26619	0.0082107	11.4508	11.4508	0.158263	2.96679	2.96679	2.4258	19.9701	7.31769	1
cg26438516	MIR1256;CBARA1	0.113226	0.26682	1.40271	1.40271	0.00762609	0.366598	-2.72778	0.755235	0.912584	-1.09579	0.394031	1.29095	1.29095	0.734262	0.905138	-1.1048	0.630178	1.15247	1.15247	0.519461	1.21048	1.21048	0.104406	0.59497	-1.68076	0.257599	0.70781	-1.41281	2.42579	3.28734	1.20459	1
cg19007731	RUNX1T1;RUNX1T1	0.113227	0.111895	0.446658	-2.23885	0.31565	1.62095	1.62095	0.679864	1.21309	1.21309	0.314856	0.616399	-1.62233	0.72492	1.17878	1.17878	0.351352	0.639841	-1.56289	0.0117073	0.230771	-4.3333	0.0688409	0.387521	-2.5805	0.174481	0.510451	-1.95905	2.42579	8.32682	3.05122	1
cg22974920	BRWD1;BRWD1;BRWD1	0.113227	0.972586	0.996674	-1.00334	0.173213	1.15085	1.15085	0.173329	1.15081	1.15081	0.495421	1.06941	1.06941	0.036639	1.26544	1.26544	0.499382	1.06874	1.06874	0.888132	0.986447	-1.01374	0.0114579	1.35895	1.35895	0.0432137	1.25291	1.25291	2.42579	0.361116	0.132325	1
cg12654064	CHRNB2;CHRNB2	0.113228	0.664444	1.10553	1.10553	0.612144	1.12471	1.12471	0.00482032	0.42333	-2.36222	0.369291	0.809007	-1.23608	0.665115	0.90474	-1.10529	0.541901	1.15249	1.15249	0.540806	0.867344	-1.15294	0.721541	1.08574	1.08574	0.150771	1.42471	1.42471	2.42578	2.02994	0.74384	1
cg06660652	LMF1	0.11323	0.94881	0.992405	-1.00765	0.379545	0.898492	-1.11298	0.0102406	0.680918	-1.46861	0.827273	0.974386	-1.02629	0.591054	0.937625	-1.06652	0.201922	1.1735	1.1735	0.510063	1.08257	1.08257	0.186128	1.18109	1.18109	0.13495	1.21088	1.21088	2.42576	0.541654	0.198482	1
cg10200202	RGS10;RGS10	0.11323	0.158464	0.462165	-2.16373	0.0533755	0.325124	-3.07575	0.0439034	0.305546	-3.27283	0.248792	0.539452	-1.85373	0.008683	0.18042	-5.54261	0.760808	0.855283	-1.1692	0.170306	0.47346	-2.11211	0.712649	0.82746	-1.20852	0.167198	0.47054	-2.12522	2.42576	10.0706	3.69024	1
cg03585549	PLCL2	0.113232	?	?	?	0.0288941	11.9709	11.9709	?	?	?	?	?	?	?	?	?	0.375528	0.424374	-2.35641	0.887597	1.14199	1.14199	0.106148	5.36213	5.36213	0.16849	4.01915	4.01915	2.70842	20.5575	10.6263	1
cg15854934	MAPK1IP1L	0.113235	0.361612	0.911043	-1.09764	0.368061	1.0962	1.0962	0.304224	0.899685	-1.1115	0.229399	1.13349	1.13349	0.681978	0.959894	-1.04178	0.992824	1.00089	1.00089	0.0333902	0.781156	-1.28015	0.0600045	1.23466	1.23466	0.0903747	0.830781	-1.20369	2.42571	0.379184	0.13895	1
cg18748525	PXT1;KCTD20	0.113236	0.0235943	0.218446	-4.57778	0.645819	1.29746	1.29746	0.148887	0.418464	-2.38969	0.0371147	0.256162	-3.90379	0.0292156	0.235539	-4.24558	0.514236	0.689202	-1.45095	0.10663	0.371049	-2.69506	0.295356	0.542979	-1.84169	0.240499	0.500807	-1.99678	2.4257	12.1661	4.45823	1
cg21153758	ITGA1;PELO;PELO	0.113236	0.721809	0.963382	-1.03801	0.058092	0.799712	-1.25045	0.123762	0.840339	-1.19	0.140076	1.18017	1.18017	0.567228	1.0622	1.0622	0.577963	1.0604	1.0604	0.0273478	0.761537	-1.31313	0.270263	1.12725	1.12725	0.815056	1.02475	1.02475	2.4257	0.418317	0.153291	1
cg18145090	GJB6;GJB6;GJB6;GJB6;GJB6	0.113237	0.243265	1.45169	1.45169	0.0177938	2.40989	2.40989	0.339568	0.740467	-1.3505	0.11063	1.70008	1.70008	0.290606	1.39765	1.39765	0.391818	0.765049	-1.30711	0.0661198	1.87623	1.87623	0.452902	0.791821	-1.26291	0.38257	1.31436	1.31436	2.4257	3.57996	1.31187	1
cg24926711	HPSE2;HPSE2;HPSE2;HPSE2	0.113237	0.0258358	8.93013	8.93013	0.769632	1.27503	1.27503	0.772612	1.27089	1.27089	0.665374	0.697657	-1.43337	0.171754	0.300093	-3.3323	0.947096	1.05644	1.05644	0.794326	0.805607	-1.2413	0.0118413	13.4617	13.4617	0.553823	1.64132	1.64132	2.42569	26.2983	9.63694	1
cg26461140	FCHSD2	0.113238	0.296812	0.562168	-1.77883	0.121089	0.408592	-2.44743	0.893308	1.07406	1.07406	0.534859	1.39746	1.39746	0.163922	0.453424	-2.20544	0.716732	1.21412	1.21412	0.409335	0.638074	-1.56722	0.00909662	5.83961	5.83961	0.868922	1.09193	1.09193	2.42568	10.8919	3.99133	1
cg21811911	TBC1D16	0.113241	0.0271305	3.23153	3.23153	0.112028	2.17277	2.17277	0.0463099	0.359285	-2.78331	0.203764	0.54798	-1.82488	0.877335	0.933079	-1.07172	0.262175	1.68927	1.68927	0.460545	1.40062	1.40062	0.797082	1.12249	1.12249	0.978354	0.987907	-1.01224	2.42566	7.72562	2.83107	1
cg05820861	C1QTNF9	0.113243	0.847322	1.13266	1.13266	0.00349805	12.94	12.94	0.754385	0.816416	-1.22487	0.675124	0.761533	-1.31314	0.630558	1.36776	1.36776	0.842956	1.13677	1.13677	0.0758042	3.58638	3.58638	0.269392	2.10293	2.10293	0.781066	1.19729	1.19729	2.42563	16.0454	5.87995	1
cg18498156	CAV1	0.113244	0.474256	1.16867	1.16867	0.727159	1.07791	1.07791	0.531789	0.873144	-1.14529	0.0856777	0.665741	-1.50209	0.0765128	0.655722	-1.52504	0.669703	1.09626	1.09626	0.0463509	1.63035	1.63035	0.206076	1.33066	1.33066	0.109074	1.45392	1.45392	2.42563	1.76235	0.645826	1
cg00480356	SERINC4;C15orf63	0.113245	0.3397	0.822524	-1.21577	0.15002	0.736098	-1.35851	0.16255	1.3445	1.3445	0.236632	0.781767	-1.27915	0.114671	1.40584	1.40584	0.0794039	0.679356	-1.47198	0.780604	0.946069	-1.05701	0.258446	1.26379	1.26379	0.104659	1.42211	1.42211	2.42562	1.51444	0.554982	1
cg02283949	AIG1	0.113246	0.20082	0.52511	-1.90436	0.245519	1.78441	1.78441	0.553896	1.33038	1.33038	0.36929	1.55208	1.55208	0.00986504	0.211249	-4.73375	0.672941	0.816756	-1.22436	0.0880157	0.407558	-2.45364	0.816079	1.11748	1.11748	0.368079	0.64354	-1.55391	2.42561	8.73181	3.19986	1
cg10905376	LOC100128292;DLG5	0.113247	0.880407	1.02295	1.02295	0.577877	0.91877	-1.08841	0.148474	0.791703	-1.2631	0.183171	0.808282	-1.23719	0.0435447	0.704854	-1.41873	0.449445	0.89034	-1.12317	0.310629	1.17128	1.17128	0.0355672	1.44589	1.44589	0.360661	1.15214	1.15214	2.4256	0.872476	0.319728	1
cg17168428	SEPT7;SEPT7	0.11325	0.310963	1.86715	1.86715	0.15984	2.44633	2.44633	0.0787002	3.19994	3.19994	0.0227325	5.07375	5.07375	0.0679782	3.37895	3.37895	0.0984128	2.94339	2.94339	0.0487074	3.82279	3.82279	0.0480238	3.84283	3.84283	0.124449	2.69346	2.69346	2.42557	13.6294	4.99471	1
cg27272220	GUCY1B3	0.113251	0.0177164	0.572097	-1.74796	0.623247	0.90858	-1.10062	0.471015	0.867639	-1.15255	0.627058	0.90955	-1.09944	0.600192	1.10783	1.10783	0.0423064	0.63581	-1.5728	0.722795	0.93336	-1.0714	0.147596	1.35099	1.35099	0.218082	1.28513	1.28513	2.42556	1.44024	0.527799	1
cg22872064	PSD3	0.113251	0.228295	0.588187	-1.70014	0.34151	1.50886	1.50886	0.0920616	0.459182	-2.17779	0.113271	0.485135	-2.06128	0.0125795	0.27187	-3.67823	0.122659	0.495572	-2.01787	0.626536	0.813984	-1.22853	0.942078	1.03097	1.03097	0.0927509	0.460087	-2.1735	2.42556	6.7668	2.47982	1
cg11242200	RHOBTB2;RHOBTB2;RHOBTB2;RHOBTB2	0.113252	0.0155594	0.488833	-2.04569	0.51981	1.17047	1.17047	0.765299	1.0749	1.0749	0.597541	0.879387	-1.13716	0.195993	0.719014	-1.39079	0.554196	0.865593	-1.15528	0.020146	0.508568	-1.96631	0.678187	1.10591	1.10591	0.13267	0.676098	-1.47908	2.42555	2.23577	0.819341	1
cg26642960	LILRA6	0.113252	0.0639402	0.211341	-4.73169	0.380562	1.95693	1.95693	0.232807	0.393016	-2.54442	0.300958	0.449321	-2.22558	0.0194751	0.121471	-8.23242	0.243716	0.402341	-2.48545	0.18238	0.347714	-2.87593	0.0421325	0.174174	-5.74139	0.104004	0.265317	-3.76908	2.42555	21.4041	7.84393	1
cg02176407	POU3F2	0.113252	0.705409	0.925043	-1.08103	0.148103	1.37478	1.37478	0.156465	1.36476	1.36476	0.942589	0.985333	-1.01489	0.240042	1.28708	1.28708	0.861199	1.03656	1.03656	0.0105766	0.517006	-1.93421	0.489483	1.15492	1.15492	0.220461	1.3025	1.3025	2.42555	1.61685	0.592526	1
cg14118160	11-Sep	0.113253	0.477861	0.74492	-1.34243	0.0857697	0.460748	-2.17038	0.0842677	0.458671	-2.18021	0.0444416	0.389866	-2.56498	0.0471974	0.395855	-2.52618	0.0242055	0.334012	-2.9939	0.809727	1.10345	1.10345	0.711502	1.16369	1.16369	0.314361	0.654034	-1.52897	2.42554	6.39734	2.34444	1
cg24085522	GNAL;GNAL;GNAL	0.113253	0.154075	0.699551	-1.42949	0.435074	1.20502	1.20502	0.0557489	0.601952	-1.66126	0.17029	1.40776	1.40776	0.0290993	0.547568	-1.82626	0.652813	0.899385	-1.11187	0.2376	1.33606	1.33606	0.484679	1.18092	1.18092	0.562475	0.871858	-1.14698	2.42554	2.10668	0.772035	1
cg24813176	WNT6	0.113255	0.881734	1.09644	1.09644	0.128938	2.75855	2.75855	0.258554	2.07306	2.07306	0.185182	2.38444	2.38444	0.179687	0.414248	-2.41401	0.0610955	3.68853	3.68853	0.861054	1.11443	1.11443	0.165884	0.400995	-2.4938	0.0379718	4.42793	4.42793	2.42552	14.6919	5.38417	1
cg06433879	SNAP25;SNAP25	0.113256	0.68577	1.15832	1.15832	0.7164	1.1409	1.1409	0.622664	1.19627	1.19627	0.00617536	0.275139	-3.63453	0.50547	1.27652	1.27652	0.771978	0.900334	-1.1107	0.331284	0.69615	-1.43647	0.492875	1.28613	1.28613	0.105078	1.89632	1.89632	2.42551	5.01519	1.83794	1
cg25689955	KBTBD4;KBTBD4;NDUFS3;KBTBD4	0.113257	0.842223	1.09221	1.09221	0.388332	1.47891	1.47891	0.149077	0.50419	-1.98338	0.134372	0.48945	-2.04311	0.0135202	0.258483	-3.86872	0.176993	1.88727	1.88727	0.380573	1.48896	1.48896	0.666382	0.825333	-1.21163	0.273744	0.604055	-1.65548	2.42551	7.52502	2.75774	1
cg10622126	AFF2;AFF2;AFF2;AFF2;AFF2	0.11326	0.044677	0.256063	-3.90528	0.0296505	0.220218	-4.54095	0.187213	0.437706	-2.28464	0.20264	0.451585	-2.21442	0.0174077	0.180638	-5.53594	0.10474	0.350649	-2.85186	0.091317	0.333179	-3.00139	0.20843	0.456663	-2.1898	0.215819	0.463049	-2.1596	2.42547	13.4193	4.91791	1
cg11896012	ZNF665	0.113263	0.663991	1.05232	1.05232	0.218883	0.859946	-1.16286	0.4589	0.915761	-1.09199	0.699084	1.04637	1.04637	0.150823	0.835556	-1.19681	0.211634	1.16596	1.16596	0.0331815	1.33714	1.33714	0.267305	1.14436	1.14436	0.0664407	0.786486	-1.27148	2.42545	0.523011	0.191676	1
cg13485979	KNDC1	0.113265	0.440627	0.67493	-1.48164	0.971766	1.01785	1.01785	0.748844	0.851642	-1.1742	0.722151	0.836527	-1.19542	0.209994	0.516613	-1.93569	0.234365	0.536225	-1.86489	0.00283754	0.128159	-7.80283	0.213182	0.519243	-1.92588	0.151008	0.463319	-2.15834	2.42543	9.60066	3.51852	1
cg18844118	NFE2L3	0.113266	0.0879853	0.267467	-3.73878	0.149618	0.338907	-2.95067	0.950105	1.0448	1.0448	0.165523	0.3549	-2.81769	0.0257919	0.156584	-6.38636	0.325696	0.491273	-2.03553	0.0255161	0.155847	-6.41656	0.0377007	0.184841	-5.41004	0.205343	0.392255	-2.54936	2.42542	18.8435	6.90594	1
cg10971048	GNG2	0.113267	0.0620536	0.529617	-1.88816	0.396174	0.768838	-1.30066	0.0709432	0.543144	-1.84113	0.176109	0.647167	-1.5452	0.344162	1.34286	1.34286	0.0760584	0.55033	-1.81709	0.117286	0.597675	-1.67315	0.691868	1.12808	1.12808	0.0326174	0.46929	-2.13088	2.42541	3.51597	1.28857	1
cg22360317	ACTN2	0.113269	0.948849	0.986718	-1.01346	0.3219	0.807939	-1.23772	0.0237156	0.569666	-1.75541	0.0735151	1.51565	1.51565	0.64569	1.10129	1.10129	0.08901	1.47831	1.47831	0.181651	1.34379	1.34379	0.369178	1.21193	1.21193	0.729001	1.07518	1.07518	2.42539	1.66845	0.611474	1
cg24377330	WWTR1;WWTR1;WWTR1	0.113269	0.0398272	20.8209	20.8209	0.0529679	16.6054	16.6054	0.0529723	16.6043	16.6043	0.273196	4.29258	4.29258	0.293717	4.02079	4.02079	0.11881	8.69737	8.69737	0.122661	8.47416	8.47416	0.392673	3.06098	3.06098	0.0154536	44.5185	44.5185	2.42539	62.6974	22.9782	1
cg11960393	LOX	0.113271	0.259209	0.424982	-2.35304	0.0247994	6.9757	6.9757	0.225324	2.52375	2.52375	0.404503	0.537901	-1.85908	0.0812377	0.245326	-4.07621	0.480914	0.594019	-1.68345	0.358252	0.503187	-1.98733	0.170693	0.346257	-2.88802	0.267335	0.431686	-2.3165	2.42537	20.3008	7.44017	1
cg19959497	ZNF770	0.113273	0.473959	0.875895	-1.14169	0.0728256	1.43926	1.43926	0.456827	1.14784	1.14784	0.605699	0.909598	-1.09939	0.268092	1.23356	1.23356	0.210664	0.786631	-1.27124	0.696285	0.93111	-1.07399	0.389853	1.1739	1.1739	0.0101712	1.80352	1.80352	2.42535	1.27177	0.466104	1
cg27072506	BTNL2	0.113277	0.0761181	0.257905	-3.87739	0.0924209	0.280363	-3.5668	0.122864	0.317322	-3.15137	0.154486	0.351158	-2.84772	0.00645371	0.0878556	-11.3823	0.144803	0.341179	-2.93101	0.112541	0.305374	-3.27467	0.497271	0.623001	-1.60513	0.426733	0.572789	-1.74584	2.42531	18.1105	6.6376	1
cg01089095	CHCHD1	0.113278	0.601881	0.812525	-1.23073	0.756334	1.13062	1.13062	0.861286	1.07142	1.07142	0.752143	0.882528	-1.13311	0.792412	0.901196	-1.10964	0.0974518	0.488066	-2.0489	0.235478	0.612382	-1.63297	0.136558	1.88253	1.88253	0.0101101	3.5963	3.5963	2.4253	5.9756	2.1901	1
cg02290684	ESPNL	0.113279	0.0358086	0.141895	-7.04745	0.455082	0.544301	-1.83722	0.677874	0.7161	-1.39645	0.960168	0.960859	-1.04074	0.00999885	0.0742708	-13.4642	0.0907041	0.225369	-4.43717	0.12976	0.270229	-3.70056	0.354835	0.467216	-2.14034	0.0712802	0.199774	-5.00565	2.42529	24.55	8.99778	1
cg02176725	SLC35C1;SLC35C1	0.11328	0.356251	0.639177	-1.56451	0.284541	0.591935	-1.68937	0.149452	0.482373	-2.07308	0.160277	0.492837	-2.02907	0.0395429	0.32531	-3.07399	0.281405	0.589752	-1.69563	0.00554536	0.179262	-5.57843	0.12244	0.454057	-2.20236	0.284137	0.591655	-1.69018	2.42529	8.54587	3.13214	1
cg01648237	C2orf74	0.11328	0.011474	15.5044	15.5044	0.384084	2.16734	2.16734	0.780193	0.784687	-1.27439	0.470585	0.529321	-1.88921	0.0711656	5.73677	5.73677	0.438581	0.504215	-1.98328	0.808688	0.810394	-1.23397	0.993114	1.00751	1.00751	0.0629325	6.13036	6.13036	2.42528	28.8532	10.575	1
cg25325446	APBB3;APBB3;APBB3;SRA1;APBB3	0.113283	0.702165	0.91491	-1.093	0.0188399	0.517613	-1.93195	0.0986353	0.657594	-1.5207	0.316713	1.27071	1.27071	0.0644027	0.61822	-1.61755	0.498037	1.17259	1.17259	0.577472	0.87787	-1.13912	0.21719	1.35055	1.35055	0.741903	1.07949	1.07949	2.42526	2.05772	0.754181	1
cg24529500	ABCF1;ABCF1	0.113285	0.021363	0.263012	-3.80211	0.900647	0.94147	-1.06217	0.565905	0.755605	-1.32344	0.437904	1.46537	1.46537	0.0386278	0.314524	-3.1794	0.434845	0.68061	-1.46927	0.0598887	0.358738	-2.78755	0.784356	1.14163	1.14163	0.0683285	0.373235	-2.67928	2.42524	8.95673	3.28279	1
cg04251662	ITPR1;ITPR1;ITPR1;ITPR1;ITPR1;ITPR1	0.113286	0.224247	0.801868	-1.24709	0.367662	1.17357	1.17357	0.546431	1.11134	1.11134	0.335112	1.18758	1.18758	0.239586	0.808162	-1.23738	0.0604661	1.44217	1.44217	0.533288	0.896611	-1.11531	0.0274864	0.637001	-1.56986	0.210984	0.796166	-1.25602	2.42523	1.14901	0.421134	1
cg26463106	THUMPD3;THUMPD3;THUMPD3	0.113288	0.115472	0.350215	-2.85539	0.842202	0.88496	-1.12999	0.509777	0.663659	-1.5068	0.345461	0.551144	-1.81441	0.379382	0.575268	-1.73832	0.372529	0.570446	-1.75301	0.328452	0.538778	-1.85605	0.00246781	0.0756939	-13.2111	0.256415	0.48368	-2.06748	2.42521	14.4399	5.29251	1
cg22677723	RTN4R	0.113288	0.0839637	2.0027	2.0027	0.0460683	2.29381	2.29381	0.0235867	2.66938	2.66938	0.0963801	1.94067	1.94067	0.830994	0.925312	-1.08072	0.203578	1.62805	1.62805	0.880478	0.94682	-1.05617	0.0402763	2.3644	2.3644	0.396492	1.37074	1.37074	2.42521	5.06645	1.85696	1
cg06015119	KIAA1586	0.113289	0.379284	1.35088	1.35088	0.172859	0.616508	-1.62204	0.0346903	2.27278	2.27278	0.199384	1.57163	1.57163	0.889971	1.04722	1.04722	0.158922	0.605292	-1.65209	0.207242	0.641806	-1.5581	0.316466	1.41245	1.41245	0.104796	1.80598	1.80598	2.4252	4.27046	1.56522	1
cg20365330	LOC619207	0.11329	0.539277	1.33172	1.33172	0.40137	0.673087	-1.48569	0.335536	0.632731	-1.58045	0.665674	1.22185	1.22185	0.00532459	0.18409	-5.43213	0.193324	1.88597	1.88597	0.348284	1.5606	1.5606	0.736058	0.855619	-1.16875	0.654503	0.812523	-1.23073	2.42519	8.15942	2.99061	1
cg08111857	CNTNAP1	0.11329	0.0784781	2.44861	2.44861	0.46131	1.41005	1.41005	0.0480243	2.81662	2.81662	0.583548	1.28874	1.28874	0.237883	1.76206	1.76206	0.311213	1.61615	1.61615	0.016943	3.79798	3.79798	0.0386551	2.99608	2.99608	0.0531021	2.73722	2.73722	2.42519	8.0634	2.95542	1
cg12623375	CDK8	0.113292	0.470846	0.899126	-1.11219	0.0609871	1.35811	1.35811	0.879808	1.02218	1.02218	0.220622	0.829723	-1.20522	0.0350973	1.4274	1.4274	0.601068	0.926379	-1.07947	0.201615	0.822453	-1.21588	0.656701	1.06699	1.06699	0.0715312	1.3387	1.3387	2.42517	0.80704	0.295801	1
cg06907418	TRPV3	0.113293	0.592757	1.15488	1.15488	0.201172	0.697631	-1.43342	0.677232	1.11812	1.11812	0.930125	0.976879	-1.02367	0.23572	0.717885	-1.39298	0.165338	1.48394	1.48394	0.00864063	2.44245	2.44245	0.911886	1.02997	1.02997	0.143086	1.52162	1.52162	2.42516	2.73258	1.00157	1
cg25851005	ZNF710	0.113299	0.0367706	0.517965	-1.93063	0.0758186	0.585178	-1.70888	0.242444	0.717684	-1.39337	0.204924	0.695797	-1.4372	0.0125302	0.430769	-2.32143	0.304436	0.749463	-1.33429	0.0623988	0.56623	-1.76607	0.686126	0.895685	-1.11646	0.0976063	0.610865	-1.63702	2.42511	2.82422	1.03518	1
cg10133908	HECTD2;LOC100188947;HECTD2	0.113299	0.155742	0.50855	-1.96637	0.217379	1.78207	1.78207	0.0978468	2.2446	2.2446	0.866943	0.928065	-1.07751	0.21628	0.560289	-1.78479	0.884928	0.937562	-1.0666	0.0185594	0.280575	-3.56411	0.748043	0.866333	-1.15429	0.146883	0.500014	-1.99994	2.42511	7.61283	2.79038	1
cg17187183	PDGFRA	0.113299	0.403618	0.882579	-1.13304	0.0958936	1.3064	1.3064	0.17158	1.23704	1.23704	0.638113	0.933104	-1.07169	0.530018	1.09744	1.09744	0.29605	0.853544	-1.17159	0.1777	0.811114	-1.23287	0.497985	0.904341	-1.10578	0.0182294	1.52025	1.52025	2.4251	0.820409	0.30071	1
cg12687463	CFHR1	0.1133	0.0907802	0.245998	-4.06508	0.291134	0.438448	-2.28077	0.0640352	0.208759	-4.79021	0.067763	0.214368	-4.66487	0.020901	0.123428	-8.10189	0.0798366	0.231531	-4.31908	0.163146	0.326156	-3.06602	0.837895	1.16671	1.16671	0.0656483	0.211206	-4.73471	2.4251	21.7592	7.97558	1
cg00066184	IGSF11;IGSF11	0.113302	0.564684	0.905047	-1.10491	0.149954	0.767595	-1.30277	0.0393054	0.664561	-1.50475	0.95638	1.00942	1.00942	0.115106	1.34123	1.34123	0.250204	1.22865	1.22865	0.0440473	1.48662	1.48662	0.909383	0.980678	-1.0197	0.588558	0.910657	-1.09811	2.42508	1.1279	0.41342	1
cg07233230	WDR64	0.113304	0.607318	0.713972	-1.40061	0.0835911	3.47178	3.47178	0.585758	0.699296	-1.43001	0.256402	2.15969	2.15969	0.0188695	0.157461	-6.35076	0.288392	2.04695	2.04695	0.152003	0.368824	-2.71132	0.268292	0.472637	-2.11579	0.786645	1.19284	1.19284	2.42506	16.2248	5.9471	1
cg03786743	RASL11B	0.113304	0.341004	1.63458	1.63458	0.0588419	2.91147	2.91147	0.513374	1.39367	1.39367	0.208034	1.94403	1.94403	0.0983177	0.403345	-2.47927	0.127343	2.28345	2.28345	0.774886	1.15442	1.15442	0.0221359	3.95054	3.95054	0.180338	2.039	2.039	2.42506	9.63243	3.5307	1
cg15732840	LOC100132215	0.113305	0.148263	10.2245	10.2245	0.0541094	26.4974	26.4974	0.243339	6.2344	6.2344	0.389784	3.74768	3.74768	0.188998	8.05348	8.05348	0.110765	13.5298	13.5298	0.0189856	70.6584	70.6584	0.0297184	46.326	46.326	0.0586253	24.5913	24.5913	2.42505	86.3125	31.6374	1
cg05295286	RREB1;RREB1;RREB1;RREB1	0.113309	0.545698	0.758409	-1.31855	0.733796	1.16692	1.16692	0.950198	1.02865	1.02865	0.183153	0.527966	-1.89406	0.11552	0.461292	-2.16782	0.0169597	0.267986	-3.73154	0.0378548	0.336584	-2.97103	0.323706	0.630698	-1.58554	0.0373976	0.335436	-2.9812	2.42501	7.85432	2.879	1
cg26467571	VARS2;VARS2;VARS2	0.113313	0.0821368	0.641979	-1.55768	0.146034	1.43206	1.43206	0.432744	0.831747	-1.20229	0.0841782	1.55218	1.55218	0.212289	0.739102	-1.35299	0.602134	1.12867	1.12867	0.954446	1.01323	1.01323	0.499375	0.854033	-1.17092	0.0390742	1.73249	1.73249	2.42497	2.0337	0.745465	1
cg25573710	LAIR1;LAIR1	0.113315	0.156589	0.611421	-1.63553	0.0743223	0.524346	-1.90714	0.0874131	0.541915	-1.84531	0.0403533	0.463534	-2.15734	0.683001	0.875197	-1.1426	0.451301	0.779446	-1.28296	0.0982811	1.80168	1.80168	0.949861	1.02063	1.02063	0.0942397	0.550293	-1.81721	2.42496	4.04838	1.48397	1
cg05921913	EIF5	0.113316	0.582185	1.18413	1.18413	0.466906	0.798384	-1.25253	0.970086	1.01147	1.01147	0.419114	1.28543	1.28543	0.0743225	0.546186	-1.83088	0.605593	1.17167	1.17167	0.0352943	0.474443	-2.10774	0.704327	1.12295	1.12295	0.0174678	0.414808	-2.41076	2.42495	3.55276	1.3023	1
cg09235308	PLEC1;PLEC1;PLEC1;MIR661;PLEC1;PLEC1	0.113316	0.172284	0.72566	-1.37805	0.68927	1.09277	1.09277	0.131206	0.697885	-1.4329	0.94685	0.985392	-1.01482	0.447613	0.842957	-1.1863	0.437799	1.19089	1.19089	0.0133659	1.9667	1.9667	0.624599	0.896855	-1.11501	0.11963	0.688843	-1.45171	2.42494	1.87119	0.685906	1
cg11145632	AP1B1;AP1B1;AP1B1	0.113318	0.0985418	0.288601	-3.465	0.346448	1.94465	1.94465	0.276667	2.17311	2.17311	0.918737	0.932389	-1.07251	0.303511	0.481399	-2.07728	0.55135	1.51202	1.51202	0.0163274	0.133445	-7.49375	0.528236	1.55012	1.55012	0.0893245	0.276622	-3.61504	2.42492	18.0719	6.6245	1
cg08716655	PDE4B;PDE4B	0.11332	0.54649	1.51616	1.51616	0.05138	4.53903	4.53903	0.285883	2.12944	2.12944	0.701686	1.30014	1.30014	0.659852	0.739304	-1.35262	0.946504	1.04682	1.04682	0.164882	2.74671	2.74671	0.00478697	12.8527	12.8527	0.969848	0.974553	-1.02611	2.42491	17.8615	6.54741	1
cg27624310	EHMT2;EHMT2	0.113322	0.568184	1.15136	1.15136	0.0192827	0.500784	-1.99687	0.109529	0.652915	-1.53159	0.323764	1.28275	1.28275	0.867415	0.959998	-1.04167	0.62107	0.885368	-1.12947	0.0376598	1.80241	1.80241	0.922246	1.02414	1.02414	0.975459	0.992512	-1.00754	2.42488	2.29275	0.840453	1
cg07603744	TEX261	0.113325	0.0700641	0.52648	-1.89941	0.873377	1.05182	1.05182	0.357423	0.740966	-1.34959	0.708582	1.12629	1.12629	0.141575	0.606111	-1.64986	0.321555	0.722964	-1.38319	0.00612129	0.321997	-3.10562	0.477158	1.25729	1.25729	0.872492	0.950395	-1.05219	2.42486	3.85347	1.41258	1
cg11496093	GMPS	0.113328	0.0247938	0.657801	-1.52022	0.811151	0.963173	-1.03824	0.396467	0.872744	-1.14581	0.602167	1.08594	1.08594	0.471859	1.12155	1.12155	0.661174	0.933201	-1.07158	0.973514	1.00522	1.00522	0.548366	1.09988	1.09988	0.0142065	1.60669	1.60669	2.42483	0.943628	0.345913	1
cg21216543	PRH1;PRR4;PRR4;PRH1	0.113328	0.175082	1.25037	1.25037	0.185883	0.804684	-1.24272	0.991445	1.00166	1.00166	0.0400271	1.44438	1.44438	0.152859	1.26769	1.26769	0.471026	1.12031	1.12031	0.044732	0.699781	-1.42902	0.725368	0.946823	-1.05616	0.341647	1.16393	1.16393	2.42483	0.921816	0.337918	1
cg16087430	KIAA0776	0.113331	0.835779	0.890192	-1.12335	0.0159626	8.24923	8.24923	0.547176	1.41255	1.41255	0.506374	0.681552	-1.46724	0.111165	0.342368	-2.92083	?	?	?	?	?	?	0.577573	1.37489	1.37489	0.513003	1.458	1.458	3.66786	12.3154	1.91866	1
cg00439735	ESCO1	0.113332	0.068073	0.711495	-1.40549	0.348742	1.17434	1.17434	0.348608	1.17439	1.17439	0.84937	0.968822	-1.03218	0.10756	0.746338	-1.33988	0.0339386	1.51052	1.51052	0.200512	1.25264	1.25264	0.290005	0.832811	-1.20075	0.714909	0.940716	-1.06302	2.42479	1.06578	0.390698	1
cg26913336	MYOCD;MYOCD	0.113333	0.19707	0.842204	-1.18736	0.277975	1.15266	1.15266	0.00969792	1.50994	1.50994	0.766834	1.03816	1.03816	0.314644	0.877267	-1.1399	0.865386	1.0216	1.0216	0.231995	0.853972	-1.171	0.852292	1.02375	1.02375	0.15824	1.2092	1.2092	2.42478	0.609012	0.223255	1
cg15820033	PTPRS;PTPRS;PTPRS;PTPRS	0.113338	0.311156	1.79747	1.79747	0.450258	1.53803	1.53803	0.0957852	0.359233	-2.7837	0.656198	1.28496	1.28496	0.23945	1.99242	1.99242	0.156925	2.33305	2.33305	0.0102624	6.1132	6.1132	0.125573	2.52858	2.52858	0.531667	1.42552	1.42552	2.42474	12.0258	4.40856	1
cg22817659	LY6E;LOC100133669;LY6E	0.113339	0.985308	1.00305	1.00305	0.0155819	1.63433	1.63433	0.0287024	1.53325	1.53325	0.238899	1.22666	1.22666	0.892874	1.02257	1.02257	0.620731	1.08612	1.08612	0.143008	0.770495	-1.29787	0.661435	1.07572	1.07572	0.207489	1.24626	1.24626	2.42473	1.05347	0.386196	1
cg10231067	IFFO2	0.113341	0.0260986	0.134403	-7.44033	0.826629	1.18147	1.18147	0.777212	0.806011	-1.24068	0.29443	0.437498	-2.28572	0.0564249	0.19358	-5.16582	0.353682	0.484108	-2.06565	0.0241658	0.129561	-7.71837	0.0484708	0.18018	-5.55001	0.171563	0.330705	-3.02384	2.4247	22.1937	8.13615	1
cg25056994	CDK17;CDK17	0.113342	0.423023	0.86647	-1.15411	0.900274	0.978281	-1.0222	0.542333	0.897608	-1.11407	0.0445603	0.667654	-1.49778	0.109462	0.736641	-1.35751	0.223098	0.799144	-1.25134	0.00891586	0.558351	-1.79099	0.380029	1.17083	1.17083	0.800632	1.04532	1.04532	2.4247	1.178	0.431851	1
cg07824888	MRPL23	0.113344	0.115567	0.650091	-1.53825	0.112151	0.646978	-1.54565	0.231034	0.72886	-1.372	0.16209	1.45613	1.45613	0.00968258	0.438674	-2.27959	0.8832	1.0377	1.0377	0.84438	1.05072	1.05072	0.922993	0.975954	-1.02464	0.903669	1.03095	1.03095	2.42468	2.43356	0.892145	1
cg18564234	ZNF302;ZNF302	0.113345	0.411336	1.25101	1.25101	0.0312592	0.50981	-1.96152	0.480795	1.21053	1.21053	0.965315	1.01166	1.01166	0.103789	0.622364	-1.60678	0.133669	1.53919	1.53919	0.278931	1.35001	1.35001	0.0761565	1.69226	1.69226	0.79212	0.932003	-1.07296	2.42467	2.72927	1.00056	1
cg11952714	SNX7;SNX7	0.113347	0.326504	0.657379	-1.52119	0.0129649	0.278863	-3.58599	0.0765959	0.442344	-2.26069	0.664295	0.83458	-1.19821	0.753803	0.877842	-1.13916	0.570898	0.788855	-1.26766	0.0134409	0.281555	-3.5517	0.889548	1.05923	1.05923	0.267024	0.619487	-1.61424	2.42465	6.58536	2.41423	1
cg08459087	B2M	0.113347	0.913909	1.0132	1.0132	0.450388	1.09776	1.09776	0.431489	1.10227	1.10227	0.833326	0.974766	-1.02589	0.00806761	1.50914	1.50914	0.663482	1.05453	1.05453	0.0720081	0.783833	-1.27578	0.720267	0.957326	-1.04458	0.248525	0.863903	-1.15754	2.42465	0.56484	0.207073	1
cg17623882	USP49	0.113353	0.0686984	0.630527	-1.58598	0.911928	0.975267	-1.02536	0.512703	0.860469	-1.16216	0.959851	0.98867	-1.01146	0.0322621	0.56691	-1.76395	0.874573	0.964876	-1.0364	0.193856	0.732598	-1.365	0.442141	0.837454	-1.1941	0.00737985	0.457748	-2.18461	2.42459	1.96738	0.721269	1
cg00459243	ZBTB12	0.113353	0.0742535	0.255331	-3.91649	0.484562	0.614147	-1.62828	0.916971	1.0742	1.0742	0.642017	1.37896	1.37896	0.038478	0.192878	-5.18462	0.255113	0.442427	-2.26026	0.0305562	0.17478	-5.72149	0.4238	1.75187	1.75187	0.0586217	0.230798	-4.3328	2.42459	18.0892	6.63177	1
cg27331495	DTWD2	0.113354	0.184939	0.498546	-2.00583	0.0256973	0.269349	-3.71266	0.528664	0.729053	-1.37164	0.880165	0.928034	-1.07755	0.0483696	0.327358	-3.05476	0.122518	0.436715	-2.28982	0.0236647	0.262541	-3.80893	0.0544282	0.339452	-2.94592	0.321703	0.602401	-1.66002	2.42458	9.41157	3.45042	1
cg19590140	BEGAIN;BEGAIN	0.113355	0.0114194	0.226846	-4.40828	0.385327	1.51749	1.51749	0.591616	0.775863	-1.28889	0.419002	0.679126	-1.47248	0.176534	0.510049	-1.9606	0.974252	0.98499	-1.01524	0.0962524	2.35339	2.35339	0.249718	1.75715	1.75715	0.699259	0.833679	-1.1995	2.42457	8.43192	3.09128	1
cg17543112	PDLIM4;PDLIM4	0.113358	0.898385	0.96222	-1.03926	0.303621	0.725297	-1.37875	0.439748	0.788576	-1.26811	0.794436	0.924307	-1.08189	0.616334	0.858747	-1.16449	0.811122	1.07484	1.07484	0.632378	0.864776	-1.15637	0.00573006	2.97969	2.97969	0.111125	0.592636	-1.68738	2.42455	3.48918	1.27921	1
cg00340958	B4GALT5	0.113359	0.15845	0.40595	-2.46336	0.0994254	2.94455	2.94455	0.558791	1.42411	1.42411	0.79972	1.16419	1.16419	0.258944	0.494452	-2.02244	0.494972	0.66075	-1.51343	0.0100962	0.143557	-6.96587	0.692808	0.788649	-1.26799	0.211013	0.454726	-2.19913	2.42454	13.7313	5.03418	1
cg23451311	DMAP1;DMAP1;DMAP1;DMAP1	0.113359	0.424889	1.1065	1.1065	0.610662	1.06585	1.06585	0.0455453	1.32946	1.32946	0.100095	0.799505	-1.25077	0.563058	1.07531	1.07531	0.206891	1.17977	1.17977	0.962357	0.994156	-1.00588	0.337589	1.13063	1.13063	0.0139178	1.45837	1.45837	2.42453	0.59226	0.217136	1
cg20823940	F3	0.113359	0.0696657	0.756801	-1.32135	0.830673	0.971016	-1.02985	0.744766	0.956126	-1.04589	0.877591	1.0214	1.0214	0.484714	0.907081	-1.10244	0.841826	0.972931	-1.02782	0.0609467	1.33654	1.33654	0.571229	1.08176	1.08176	0.0142486	1.5147	1.5147	2.42453	0.724362	0.265568	1
cg05558046	GAS7;GAS7;GAS7	0.11336	0.0643503	0.524014	-1.90834	0.305861	1.3905	1.3905	0.223594	1.48824	1.48824	0.332512	1.36459	1.36459	0.0388919	0.475442	-2.10331	0.996685	1.00129	1.00129	0.963385	1.01438	1.01438	0.0640947	1.90981	1.90981	0.494285	1.24089	1.24089	2.42453	3.71277	1.36119	1
cg13516209	HLA-H	0.11336	0.160029	3.86179	3.86179	0.294416	0.375762	-2.66126	0.0441669	8.01293	8.01293	0.557864	1.70478	1.70478	0.0939357	5.24739	5.24739	0.679702	0.688198	-1.45307	0.113999	4.70002	4.70002	0.0811213	0.175422	-5.70053	0.43619	2.04417	2.04417	2.42452	31.1085	11.4051	1
cg22024657	SLC13A1	0.113361	0.267062	0.528931	-1.89061	0.0738978	2.99601	2.99601	0.814122	0.878331	-1.13852	0.562728	0.724456	-1.38035	0.0094633	0.16345	-6.11807	0.152036	0.429457	-2.32852	0.228751	0.498692	-2.00525	0.92343	1.05438	1.05438	0.533686	0.706654	-1.41512	2.42451	11.6505	4.27138	1
cg17896776	GALNTL6	0.113368	0.00588309	2.08409	2.08409	0.595286	1.11542	1.11542	0.322113	1.2317	1.2317	0.743237	1.06926	1.06926	0.165184	1.35205	1.35205	0.25449	1.27433	1.27433	0.534905	0.87982	-1.1366	0.227466	0.772489	-1.29452	0.61724	0.902435	-1.10811	2.42445	1.59394	0.584396	1
cg21242918	VAX1;VAX1	0.113369	0.462683	1.2341	1.2341	0.245565	0.710555	-1.40735	0.200055	1.46354	1.46354	0.380489	0.776389	-1.28801	0.0309681	0.490338	-2.03941	0.747636	1.09508	1.09508	0.253514	1.39866	1.39866	0.0921163	1.68481	1.68481	0.126419	1.59233	1.59233	2.42444	3.03957	1.11442	1
cg00590960	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.113371	0.763969	0.97885	-1.02161	0.0855629	0.8738	-1.14443	0.0137051	0.805435	-1.24157	0.343439	1.07174	1.07174	0.405914	1.06222	1.06222	0.399133	0.940563	-1.06319	0.865805	1.01208	1.01208	0.102741	0.880971	-1.13511	0.306262	1.07809	1.07809	2.42442	0.193489	0.0709407	1
cg00197636	IMPAD1;IMPAD1	0.113372	0.178978	1.24061	1.24061	0.885512	0.978478	-1.022	0.662817	1.0685	1.0685	0.133619	1.27677	1.27677	0.866606	1.02571	1.02571	0.593659	1.08473	1.08473	0.00860298	0.602879	-1.65871	0.162259	1.25274	1.25274	0.666444	1.06768	1.06768	2.42441	0.875704	0.321069	1
cg11232156	KIRREL	0.113373	0.107212	2.37715	2.37715	0.964249	0.978169	-1.02232	0.200846	0.514107	-1.94512	0.344514	1.61526	1.61526	0.0502288	0.33311	-3.00201	0.0465921	3.0718	3.0718	0.451125	1.45951	1.45951	0.68052	1.22617	1.22617	0.211746	0.523177	-1.9114	2.4244	9.31192	3.41415	1
cg11076862	BID;BID;BID;BID	0.113374	0.186899	0.731282	-1.36746	0.242403	1.3148	1.3148	0.055692	1.62419	1.62419	0.416753	0.830558	-1.20401	0.340336	0.802663	-1.24585	0.364209	0.811732	-1.23193	0.0208512	0.536806	-1.86287	0.499748	0.857915	-1.16562	0.308659	0.790015	-1.2658	2.4244	1.92146	0.704491	1
cg00779243	ZNF433	0.113374	0.0506687	0.620139	-1.61254	0.158009	0.723339	-1.38248	0.449574	0.847615	-1.17978	0.876428	0.967161	-1.03395	0.079604	0.658711	-1.51812	0.986671	0.996422	-1.00359	0.0682398	0.645262	-1.54976	0.0143801	0.523398	-1.91059	0.0760124	0.654645	-1.52755	2.42439	1.76783	0.648166	1
cg20926183	ACOX3;ACOX3	0.113374	0.179351	0.27958	-3.57679	0.180422	0.280564	-3.56424	0.752548	1.3266	1.3266	0.545513	1.72748	1.72748	0.0151456	0.0695019	-14.3881	0.0631006	0.154439	-6.47504	0.367821	0.437542	-2.2855	0.737457	1.35071	1.35071	0.0492174	0.134539	-7.43281	2.42439	30.6576	11.2404	1
cg27593688	NDUFA7;RPS28	0.113376	0.0309024	0.443781	-2.25336	0.21447	0.657737	-1.52036	0.887865	1.04627	1.04627	0.0127276	0.370689	-2.69768	0.182046	0.63504	-1.5747	0.435935	1.2902	1.2902	0.81684	0.928325	-1.07721	0.218109	0.660141	-1.51483	0.141555	0.602455	-1.65987	2.42437	3.94589	1.44675	1
cg06435786	INPP4A;INPP4A;INPP4A;INPP4A	0.113379	0.441348	0.872688	-1.14589	0.63683	1.08599	1.08599	0.349535	0.846173	-1.18179	0.172956	0.777602	-1.28601	0.459422	0.877523	-1.13957	0.957974	1.00918	1.00918	0.0069685	1.83206	1.83206	0.484784	1.13104	1.13104	0.269222	0.819078	-1.22088	2.42434	1.15514	0.423533	1
cg00930455	DLX5	0.113379	0.626349	1.26171	1.26171	0.110789	2.27781	2.27781	0.934161	0.96161	-1.03992	0.307728	0.606385	-1.64912	0.871855	1.07948	1.07948	0.702352	1.19951	1.19951	0.246745	0.563347	-1.77511	0.00711008	5.19366	5.19366	0.194979	1.91456	1.91456	2.42434	8.61903	3.16018	1
cg05292376	AATK	0.113381	0.119993	2.92681	2.92681	0.239122	2.19219	2.19219	0.163472	2.57764	2.57764	0.196993	2.38312	2.38312	0.098759	3.16618	3.16618	0.168493	2.54533	2.54533	0.0138488	6.93358	6.93358	0.0368976	4.67955	4.67955	0.0486712	4.19402	4.19402	2.42433	15.5641	5.70662	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11743795	SLMAP	0.113382	0.023952	0.527148	-1.897	0.592891	0.879612	-1.13687	0.996689	1.00099	1.00099	0.275928	0.763848	-1.30916	0.180252	0.713035	-1.40246	0.296572	0.773182	-1.29336	0.00983201	0.460413	-2.17196	0.373922	0.804979	-1.24227	0.0578044	0.600594	-1.66502	2.42431	2.16919	0.795346	1
cg00668685	SLC39A5;SLC39A5;SLC39A5	0.113384	0.0218462	0.531398	-1.88183	0.195959	0.730368	-1.36917	0.0437885	0.587151	-1.70314	0.478642	0.847469	-1.17998	0.0489851	0.59662	-1.67611	0.300122	0.781361	-1.27982	0.99966	1.0001	1.0001	0.0370437	0.573292	-1.74431	0.117639	0.676743	-1.47767	2.4243	2.02705	0.743234	1
cg18765906	NID1	0.113389	0.0243238	0.138205	-7.23564	0.40534	0.533803	-1.87335	0.153396	0.32396	-3.0868	0.234422	0.398918	-2.50678	0.0212339	0.129763	-7.70634	0.0928016	0.255739	-3.91023	0.103633	0.269207	-3.71461	0.392106	0.5239	-1.90876	0.0375841	0.168861	-5.92205	2.42425	20.8727	7.6533	1
cg00023185	LOC401463	0.11339	0.614153	0.544579	-1.83628	0.243806	0.23273	-4.29682	0.569287	0.502772	-1.98897	0.649959	0.57915	-1.72667	0.00185584	0.00508768	-196.553	0.477325	0.421568	-2.37209	0.395107	0.353023	-2.83268	0.818281	0.759474	-1.3167	0.812829	0.753091	-1.32786	2.42424	54.8739	20.1205	1
cg02995664	TMEM131	0.113391	0.0160566	0.212045	-4.71598	0.587857	0.749764	-1.33375	0.689982	1.23495	1.23495	0.496502	0.695315	-1.4382	0.0188653	0.223792	-4.46844	0.277856	0.552148	-1.81111	0.245913	1.89406	1.89406	0.748234	1.18471	1.18471	0.443516	0.662859	-1.50862	2.42424	10.6361	3.89992	1
cg20346695	WDR12;ALS2CR8;ALS2CR8;ALS2CR8	0.113393	0.198693	0.75501	-1.32449	0.294112	1.25251	1.25251	0.137676	1.39204	1.39204	0.0564232	0.639598	-1.56348	0.73274	0.931536	-1.0735	0.702564	0.923686	-1.08262	0.0155397	0.541174	-1.84784	0.38598	0.832033	-1.20188	0.945809	0.986034	-1.01416	2.42422	1.64363	0.602671	1
cg25829226	PLEKHO2	0.113393	0.034056	0.433183	-2.30849	0.044164	0.457515	-2.18572	0.220113	0.646595	-1.54656	0.0928648	0.535094	-1.86883	0.060254	0.488365	-2.04765	0.176224	0.614906	-1.62627	0.0780954	0.515801	-1.93873	0.0637288	0.494158	-2.02364	0.0617222	0.490843	-2.03731	2.42421	4.39131	1.61017	1
cg14491535	JAZF1	0.113397	0.118098	0.370851	-2.6965	0.0361408	0.240641	-4.15556	0.0174988	0.184411	-5.42266	0.406223	0.60853	-1.6433	0.0486948	0.268164	-3.72906	0.406934	0.609009	-1.64201	0.223793	0.473731	-2.1109	0.397912	1.6586	1.6586	0.51674	0.68093	-1.46858	2.42417	13.12	4.81081	1
cg21578543	DCHS2;DCHS2	0.113401	0.506844	1.19389	1.19389	0.470562	1.21308	1.21308	0.0120338	0.438606	-2.27995	0.730361	1.09531	1.09531	0.806814	0.937562	-1.0666	0.102156	1.60118	1.60118	0.16779	1.47236	1.47236	0.935733	0.979002	-1.02145	0.173424	0.68307	-1.46398	2.42414	2.65863	0.974873	1
cg21038123	JMJD8	0.113405	0.0304813	0.389768	-2.56563	0.82452	1.08577	1.08577	0.240183	1.57722	1.57722	0.647511	0.843181	-1.18598	0.0422351	0.420214	-2.37974	0.244401	0.636845	-1.57024	0.0902064	0.50064	-1.99744	0.0998712	0.51267	-1.95057	0.144403	0.55937	-1.78772	2.4241	5.27098	1.93281	1
cg14556515	NARF;NARF;NARF;NARF	0.113406	0.195612	0.840581	-1.18965	0.0725026	1.28952	1.28952	0.78191	0.965401	-1.03584	0.775811	0.96442	-1.03689	0.255998	0.86032	-1.16236	0.799795	0.968269	-1.03277	0.133506	0.814358	-1.22796	0.0118538	0.671244	-1.48977	0.642687	1.06107	1.06107	2.42409	0.618097	0.22665	1
cg17825156	MIER1;WDR78;MIER1;MIER1;MIER1;MIER1;MIER1;MIER1;WDR78;MIER1	0.113406	0.686344	0.917984	-1.08934	0.439148	1.18096	1.18096	0.0911731	1.48022	1.48022	0.370062	0.82363	-1.21414	0.0771484	0.660837	-1.51323	0.0124903	0.519385	-1.92535	0.609516	1.1147	1.1147	0.590528	0.891811	-1.12131	0.90791	1.02469	1.02469	2.42409	1.7059	0.625537	1
cg04880280	ACSL1	0.113406	0.098861	0.64325	-1.5546	0.0389754	0.558394	-1.79085	0.173752	0.702671	-1.42314	0.356944	0.79373	-1.25987	0.721055	1.09135	1.09135	0.749363	1.08129	1.08129	0.0411495	1.77618	1.77618	0.490039	1.18644	1.18644	0.504649	1.17948	1.17948	2.42409	2.28247	0.836958	1
cg25028206	DRAM2;CEPT1;CEPT1	0.113407	0.790192	0.932296	-1.07262	0.71915	0.909434	-1.09959	0.489325	1.20279	1.20279	0.814529	1.06373	1.06373	0.00392631	0.360477	-2.7741	0.498195	0.834622	-1.19815	0.464422	0.822216	-1.21623	0.491358	1.20172	1.20172	0.224655	1.39837	1.39837	2.42408	2.65346	0.973002	1
cg04308167	SLC47A1	0.113408	0.76545	0.915558	-1.09223	0.123968	0.611868	-1.63434	0.00802555	0.367291	-2.72264	0.324224	0.740665	-1.35014	0.51053	1.21751	1.21751	0.274004	1.39884	1.39884	0.297747	1.37478	1.37478	0.937956	0.977306	-1.02322	0.267198	0.711169	-1.40613	2.42407	3.33816	1.22408	1
cg00963305	MMP15;MMP15	0.113408	0.284627	0.483352	-2.06888	?	?	?	0.822347	0.864874	-1.15624	0.114364	0.318952	-3.13527	0.229256	0.436781	-2.28948	0.019158	0.140016	-7.14202	0.089877	0.286421	-3.49136	?	?	?	0.0314287	0.177471	-5.63471	2.8244	13.7918	4.18551	1
cg27558312	LOC285033	0.113408	0.0931583	0.484023	-2.06602	0.203575	1.69421	1.69421	0.040076	0.39374	-2.53975	0.470914	0.749654	-1.33395	0.0708469	0.452507	-2.20991	0.0633724	0.440331	-2.27102	0.704892	1.16123	1.16123	0.411267	0.718865	-1.39108	0.0958611	0.487458	-2.05146	2.42407	5.92557	2.17286	1
cg11439535	CSNK1D;CSNK1D	0.113409	0.185015	0.578256	-1.72934	0.363629	0.69504	-1.43877	0.0986053	0.493744	-2.02534	0.715154	0.866915	-1.15352	0.0655263	0.446904	-2.23761	0.0890908	0.481612	-2.07636	0.00756897	0.262195	-3.81395	0.699519	1.16314	1.16314	0.261772	0.633826	-1.57772	2.42406	5.82895	2.13744	1
cg13791719	CDK13;CDK13	0.113409	0.152738	0.459454	-2.17649	0.0214672	0.245876	-4.06709	0.0441822	0.309127	-3.23492	0.356798	1.61815	1.61815	0.51842	0.717155	-1.3944	0.887461	0.930618	-1.07456	0.102499	0.403596	-2.47773	0.246677	1.84997	1.84997	0.797215	0.877429	-1.13969	2.42406	9.90031	3.63038	1
cg20153240	PRKCZ;PRKCZ	0.11341	0.494495	1.39385	1.39385	0.0244131	3.60983	3.60983	0.0190279	3.89173	3.89173	0.28091	1.70994	1.70994	0.948816	0.969738	-1.03121	0.475921	1.41479	1.41479	0.875955	1.07764	1.07764	0.0193786	3.87025	3.87025	0.52839	1.35763	1.35763	2.42405	8.79605	3.22548	1
cg27292953	GRK4;GRK4;GRK4;NOP14	0.11341	0.26764	0.847186	-1.18038	0.100715	1.29459	1.29459	0.335778	1.1532	1.1532	0.900332	0.982167	-1.01816	0.0162622	1.52504	1.52504	0.331084	0.865871	-1.15491	0.842613	0.971854	-1.02896	0.0565775	1.36337	1.36337	0.410723	1.12841	1.12841	2.42405	0.791792	0.290347	1
cg01109707	C11orf49;C11orf49;C11orf49;C11orf49	0.113412	0.951777	1.0107	1.0107	0.265686	0.815342	-1.22648	0.0419466	0.661937	-1.51072	0.396424	1.16515	1.16515	0.0147111	1.69637	1.69637	0.331693	1.19276	1.19276	0.29674	1.20975	1.20975	0.956104	0.990358	-1.00974	0.806818	1.04406	1.04406	2.42403	1.18932	0.436121	1
cg07905673	ZBTB47	0.113414	0.178335	1.27468	1.27468	0.408963	1.1541	1.1541	0.088059	1.37638	1.37638	0.158099	1.29188	1.29188	0.656941	0.926944	-1.07881	0.0909923	0.729084	-1.37158	0.165197	1.28561	1.28561	0.427263	0.87148	-1.14747	0.0401021	1.49566	1.49566	2.42401	1.10574	0.405476	1
cg05666423	TDRD3;TDRD3;TDRD3;TDRD3;TDRD3	0.113414	0.511424	0.861121	-1.16128	0.413842	1.20628	1.20628	0.789335	0.941653	-1.06196	0.0475193	0.601169	-1.66343	0.35203	0.806528	-1.23988	0.270436	0.772892	-1.29384	0.0145003	1.96637	1.96637	0.301346	0.786303	-1.27177	0.992239	0.997819	-1.00219	2.42401	1.93502	0.709576	1
cg15084945	SNORA62;RPSA;RPSA	0.113415	0.75479	0.96712	-1.034	0.0708815	0.806266	-1.24029	0.0665635	0.802904	-1.24548	0.400969	1.09607	1.09607	0.667462	0.954926	-1.0472	0.598557	1.05833	1.05833	0.0194035	1.35203	1.35203	0.602838	1.05761	1.05761	0.448748	1.08586	1.08586	2.424	0.437131	0.160297	1
cg00346883	PLA2G15	0.113416	0.338404	0.706069	-1.41629	0.0821867	0.507053	-1.97218	0.944112	0.975577	-1.02503	0.788632	0.909584	-1.0994	0.751182	0.893872	-1.11873	0.0851308	0.511011	-1.95691	0.0204649	0.373441	-2.6778	0.467911	0.770674	-1.29756	0.0120727	0.331597	-3.01571	2.424	4.77532	1.75113	1
cg13591377	TEX12	0.113418	0.344195	1.24538	1.24538	0.394629	0.821713	-1.21697	0.0534116	0.610089	-1.6391	0.766003	1.06953	1.06953	0.749925	1.07468	1.07468	0.428494	0.833561	-1.19967	0.03117	1.76749	1.76749	0.188463	0.73064	-1.36866	0.125216	1.45319	1.45319	2.42398	1.94731	0.714092	1
cg02924619	HSPA2	0.113418	0.90756	1.17569	1.17569	0.054851	33.6774	33.6774	0.0264077	89.7343	89.7343	0.134869	11.5601	11.5601	0.554273	0.430057	-2.32528	0.135819	11.4686	11.4686	?	?	?	0.0476119	40.3376	40.3376	0.0621094	28.8348	28.8348	3.64626	86.6961	11.8884	1
cg22843538	USP43	0.113423	0.0591055	0.433867	-2.30486	0.00592285	0.244043	-4.09764	0.381278	0.70338	-1.42171	0.667885	0.844408	-1.18426	0.0527366	0.421991	-2.36972	0.185861	0.577183	-1.73255	0.151072	0.547246	-1.82733	0.346037	0.683706	-1.46262	0.566839	0.797061	-1.25461	2.42393	5.89358	2.16126	1
cg21906379	CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.113423	0.805024	0.897824	-1.1138	0.494502	0.739102	-1.35299	0.721654	0.855656	-1.16869	0.0498223	0.377203	-2.65109	0.0221062	0.302438	-3.30646	0.625707	0.807167	-1.2389	0.0240048	0.309345	-3.23263	0.499648	1.34799	1.34799	0.0854352	0.436671	-2.29005	2.42393	7.29051	2.67354	1
cg03373518	C20orf108	0.113425	0.378484	1.22213	1.22213	0.642813	0.901511	-1.10925	0.1239	1.44762	1.44762	0.914326	1.02418	1.02418	0.323007	1.25436	1.25436	0.133855	1.43179	1.43179	0.363352	0.8127	-1.23047	0.00589103	2.22543	2.22543	0.814594	0.949186	-1.05353	2.4239	1.89204	0.693846	1
cg11165313	RAI14;RAI14;RAI14	0.113426	0.425845	0.726237	-1.37696	0.812331	0.911265	-1.09738	0.27872	1.56201	1.56201	0.709145	0.863702	-1.15781	0.136214	1.9045	1.9045	0.472783	0.750622	-1.33223	0.00806725	4.29442	4.29442	?	?	?	0.694092	1.1672	1.1672	2.79722	5.71682	1.53282	1
cg15190077	TNKS2	0.113427	0.322994	0.646725	-1.54625	0.0590889	2.48414	2.48414	0.0824628	2.27325	2.27325	0.689643	0.842505	-1.18694	0.0854804	0.444147	-2.2515	0.0509371	0.387013	-2.58389	0.824939	0.909754	-1.0992	0.403969	0.694483	-1.43992	0.704733	0.849986	-1.17649	2.42389	6.99716	2.566	1
cg26554254	EIF2C2;EIF2C2	0.113429	0.942556	1.01331	1.01331	0.712941	0.934454	-1.07014	0.0121502	0.56359	-1.77434	0.75846	1.05822	1.05822	0.0484212	0.661202	-1.5124	0.179594	0.769896	-1.29888	0.25945	1.24089	1.24089	0.180896	0.77057	-1.29774	0.200139	0.780134	-1.28183	2.42387	1.29205	0.473824	1
cg05994794	PHOX2B	0.11343	0.809397	0.809259	-1.2357	0.822804	0.821654	-1.21706	0.491974	1.84273	1.84273	0.834522	0.832594	-1.20107	0.242949	0.34296	-2.91579	0.633943	0.656953	-1.52218	0.356841	0.436065	-2.29323	0.00397962	29.6917	29.6917	0.53918	1.72372	1.72372	2.42386	29.4452	10.7983	1
cg26924480	WNT4	0.113431	0.0917325	0.406818	-2.4581	0.120913	0.44277	-2.25851	0.0716008	0.377378	-2.64986	0.301135	0.595135	-1.68029	0.139652	0.463038	-2.15965	0.722401	0.841316	-1.18861	0.00854348	0.196836	-5.08036	0.057865	0.353907	-2.8256	0.621943	0.786028	-1.27222	2.42385	9.00771	3.30336	1
cg03508112	GAK	0.113432	0.548236	1.14634	1.14634	0.710621	1.08739	1.08739	0.0594073	0.61979	-1.61345	0.259025	1.30307	1.30307	0.558794	1.14214	1.14214	0.256273	1.30524	1.30524	0.0093238	2.09885	2.09885	0.239694	1.31886	1.31886	0.394603	1.21654	1.21654	2.42384	1.93998	0.711445	1
cg22814048	PGM3;RWDD2A	0.113433	0.421669	1.4014	1.4014	0.0149268	3.4235	3.4235	0.0904694	2.15315	2.15315	0.629819	1.221	1.221	0.323418	1.52092	1.52092	0.860897	0.930427	-1.07478	0.356976	0.677396	-1.47624	0.0739547	0.440956	-2.2678	0.542659	1.28835	1.28835	2.42383	6.48878	2.37962	1
cg16987684	RRH	0.113434	0.848122	1.091	1.091	0.492212	0.728423	-1.37283	0.0297112	0.31273	-3.19765	0.735683	0.857343	-1.16639	0.448012	0.703789	-1.42088	0.071797	0.401269	-2.49209	0.00721451	0.206972	-4.83158	0.984647	0.991297	-1.00878	0.382654	0.665838	-1.50187	2.42382	7.92198	2.90523	1
cg12638776	SLC45A3	0.113434	0.0654892	0.635385	-1.57385	0.134363	0.701776	-1.42496	0.91047	1.02498	1.02498	0.0152821	1.92199	1.92199	0.949809	0.986285	-1.01391	0.543916	0.873928	-1.14426	0.332543	1.2452	1.2452	0.856325	0.961022	-1.04056	0.274379	1.28338	1.28338	2.42382	1.84742	0.677503	1
cg06217312	MCL1;MCL1	0.113436	0.247788	0.803106	-1.24517	0.692828	1.07471	1.07471	0.36799	0.845518	-1.18271	0.187445	0.776062	-1.28856	0.0668128	0.688734	-1.45194	0.510056	1.12892	1.12892	0.0354043	0.641134	-1.55974	0.476118	1.14052	1.14052	0.0777081	1.42732	1.42732	2.42381	1.26414	0.463602	1
cg26894624	FAM117A	0.11344	0.375877	1.28202	1.28202	0.00981994	0.409714	-2.44073	0.297563	0.744376	-1.34341	0.393972	0.787655	-1.26959	0.0357772	0.512807	-1.95005	0.827193	1.06159	1.06159	0.460874	1.22781	1.22781	0.841441	0.946716	-1.05628	0.697832	1.11255	1.11255	2.42376	2.86875	1.05208	1
cg17423135	GABPB2	0.113441	0.826144	0.94346	-1.05993	0.0339794	1.92486	1.92486	0.396133	1.25848	1.25848	0.698841	0.902255	-1.10833	0.126002	0.645318	-1.54962	0.0793276	0.597302	-1.67419	0.0712485	1.70417	1.70417	0.976322	1.00788	1.00788	0.324679	1.30878	1.30878	2.42376	2.68707	0.985457	1
cg25821781	METT10D	0.113442	0.256498	1.64266	1.64266	0.0127884	3.65455	3.65455	0.0181563	3.32707	3.32707	0.244681	1.66527	1.66527	0.966987	1.01749	1.01749	0.505564	0.753457	-1.32722	0.231568	1.69185	1.69185	0.176914	1.82481	1.82481	0.399979	1.43483	1.43483	2.42375	6.74091	2.47217	1
cg14334460	NELF;NELF;NELF;NELF	0.113446	0.820686	1.03735	1.03735	0.156523	0.782886	-1.27732	0.0284129	0.658517	-1.51856	0.497356	0.894691	-1.1177	0.123552	0.763837	-1.30918	0.172352	1.26438	1.26438	0.0785098	1.3711	1.3711	0.880645	0.976026	-1.02456	0.312287	0.84467	-1.18389	2.42371	1.00123	0.367197	1
cg04036101	KIFC3;KIFC3	0.113447	0.0681281	4.71962	4.71962	0.910819	1.08884	1.08884	0.328679	2.15076	2.15076	0.78315	1.23314	1.23314	0.446396	1.80321	1.80321	0.0972331	0.250938	-3.98504	0.0183364	0.113688	-8.79601	0.820309	1.18866	1.18866	0.323705	2.16897	2.16897	2.4237	22.1499	8.12345	1
cg07546558	MMP28;MMP28	0.113447	0.822698	1.05352	1.05352	0.346382	0.798292	-1.25268	0.399616	1.2218	1.2218	0.648952	0.898998	-1.11235	0.0306365	0.554311	-1.80404	0.0702949	1.60007	1.60007	0.162993	0.707539	-1.41335	0.406227	1.21823	1.21823	0.110806	1.49727	1.49727	2.4237	2.07186	0.759852	1
cg26860257	ERF	0.11345	0.729329	1.15151	1.15151	0.0479767	0.399246	-2.50472	0.35851	0.681487	-1.46738	0.240547	1.64714	1.64714	0.555048	0.78469	-1.27439	0.510473	0.762527	-1.31143	0.0587143	0.420113	-2.38031	0.106267	2.04707	2.04707	0.141835	1.89931	1.89931	2.42367	6.33188	2.32223	1
cg07664976	SNORD116-26	0.113452	0.0591115	0.408531	-2.44779	0.165351	0.537095	-1.86187	0.183459	1.80911	1.80911	0.500814	0.750485	-1.33247	0.26781	0.615771	-1.62398	0.485646	0.74259	-1.34664	0.252047	0.604948	-1.65304	0.0474012	2.59292	2.59292	0.152589	0.525403	-1.9033	2.42366	6.77317	2.4841	1
cg05578480	FAM89A	0.113452	0.0927102	0.343847	-2.90827	0.0215828	0.203468	-4.91478	0.0784623	0.323705	-3.08923	0.79691	1.16046	1.16046	0.936942	0.955368	-1.04672	0.173495	0.433584	-2.30636	0.0579143	0.29023	-3.44554	0.0386425	0.251052	-3.98325	0.318129	0.551324	-1.81381	2.42365	12.7818	4.6878	1
cg04779796	SLC6A1	0.113454	0.188242	1.80381	1.80381	0.797862	1.1147	1.1147	0.612667	1.24111	1.24111	0.026598	3.04021	3.04021	0.74007	1.15127	1.15127	0.168018	1.86198	1.86198	0.284201	1.60113	1.60113	0.0106327	3.89258	3.89258	0.0486036	2.59373	2.59373	2.42364	6.87145	2.52016	1
cg24788483	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.113457	0.104268	0.414108	-2.41483	0.104126	0.413931	-2.41586	0.0291204	0.27901	-3.5841	0.901253	0.940238	-1.06356	0.0281727	0.276161	-3.62108	0.867963	0.920721	-1.08611	0.738438	1.18101	1.18101	0.291109	1.7226	1.7226	0.192888	0.504549	-1.98197	2.42361	9.45957	3.46942	1
cg03782581	LSAMP	0.113459	0.0563705	0.447497	-2.23465	0.814505	1.09141	1.09141	0.515965	0.782608	-1.27778	0.98614	1.00649	1.00649	0.00466935	0.246632	-4.05463	0.597963	0.820332	-1.21902	0.0901645	0.499064	-2.00375	0.378199	0.714277	-1.40002	0.527732	0.788119	-1.26884	2.42358	5.31635	1.94986	1
cg24470804	MRPS9	0.11346	0.774255	1.0376	1.0376	0.686932	0.949327	-1.05338	0.753825	1.0412	1.0412	0.761326	1.03988	1.03988	0.721428	1.04702	1.04702	0.679785	1.05472	1.05472	0.140945	0.816078	-1.22537	0.0222835	1.4213	1.4213	0.0134411	1.48116	1.48116	2.42358	0.632329	0.231917	1
cg00598612	ANO9	0.11346	0.840793	1.04788	1.04788	0.551047	0.869142	-1.15056	0.039894	0.575631	-1.73722	0.103668	1.51252	1.51252	0.0717401	0.626578	-1.59597	0.924988	1.02214	1.02214	0.132321	0.685477	-1.45884	0.11165	0.668411	-1.49609	0.105466	0.662822	-1.5087	2.42358	2.07514	0.761092	1
cg14949630	MTHFD1L	0.113461	0.0544901	1.41598	1.41598	0.507142	0.898265	-1.11326	0.543421	0.906596	-1.10303	0.0184292	0.633921	-1.57748	0.67862	1.06869	1.06869	0.275139	1.19843	1.19843	0.163624	1.26745	1.26745	0.424625	0.878097	-1.13883	0.541882	1.10345	1.10345	2.42357	0.975643	0.357835	1
cg07335294	SNAP91;SNAP91	0.113461	0.117215	0.710843	-1.40678	0.758976	1.06367	1.06367	0.422415	0.848438	-1.17864	0.0922353	1.45021	1.45021	0.0724469	1.49485	1.49485	0.348666	1.21351	1.21351	0.896131	0.974143	-1.02654	0.0253874	1.70397	1.70397	0.229164	1.28801	1.28801	2.42356	1.5441	0.56633	1
cg16411204	SLC25A28	0.113462	0.713967	1.05288	1.05288	0.155569	0.808394	-1.23702	0.443016	0.896297	-1.1157	0.359908	0.87655	-1.14084	0.251434	0.845587	-1.18261	0.917068	1.01469	1.01469	0.00438335	0.587072	-1.70337	0.299988	1.16224	1.16224	0.890751	0.980947	-1.01942	2.42356	0.752103	0.275849	1
cg24878478	DOCK6	0.113462	0.0403045	0.205721	-4.86094	0.120198	0.324603	-3.08069	0.507609	0.638469	-1.56625	0.308341	0.494704	-2.02141	0.0359875	0.196272	-5.09497	0.144522	0.351278	-2.84675	0.0549311	0.233894	-4.27545	0.0186273	0.148985	-6.71207	0.281451	0.4737	-2.11104	2.42356	17.1014	6.2723	1
cg20788415	MIR106A	0.113462	0.359165	0.588663	-1.69877	0.101851	0.365508	-2.73592	0.826625	0.884009	-1.13121	0.0193942	4.89766	4.89766	0.278905	0.531135	-1.88276	0.050011	0.284762	-3.51171	0.597681	1.34894	1.34894	0.879277	1.08918	1.08918	0.768589	1.18036	1.18036	2.42355	12.1247	4.44698	1
cg13570660	ZNF483;ZNF483	0.113463	0.445552	1.09662	1.09662	0.0165043	0.706514	-1.4154	0.17454	1.18683	1.18683	0.107356	1.23175	1.23175	0.807722	0.971496	-1.02934	0.66013	0.948871	-1.05388	0.102583	1.23597	1.23597	0.651129	1.05547	1.05547	0.29351	1.13796	1.13796	2.42355	0.539923	0.198028	1
cg08641750	CDCA8	0.113467	0.459475	1.26265	1.26265	0.204374	1.51395	1.51395	0.060262	1.92739	1.92739	0.612574	0.853744	-1.17131	0.669976	1.14196	1.14196	0.168042	0.634502	-1.57604	0.0173743	0.407834	-2.45198	0.954515	0.982493	-1.01782	0.425804	0.777391	-1.28635	2.42351	3.68013	1.34979	1
cg05212836	FOXM1;C12orf32;C12orf32;FOXM1;FOXM1;C12orf32	0.113467	0.434795	1.65042	1.65042	0.423494	1.67192	1.67192	0.0204639	5.78909	5.78909	0.21151	0.437106	-2.28778	0.377089	0.565607	-1.76801	0.915992	1.06859	1.06859	0.889702	0.916455	-1.09116	0.796871	0.850291	-1.17607	0.0282149	0.196101	-5.09942	2.42351	15.1731	5.56514	1
cg07245341	KCNAB1;KCNAB1;KCNAB1;KCNAB1	0.113472	0.0241219	0.668178	-1.49661	0.128569	1.27925	1.27925	0.0567764	1.38163	1.38163	0.150443	0.793672	-1.25997	0.655176	0.93483	-1.06971	0.829518	1.03286	1.03286	0.364618	0.869645	-1.14989	0.628244	1.07589	1.07589	0.59972	0.923676	-1.08263	2.42347	0.862754	0.316444	1
cg15285733	GAS7	0.113472	0.032672	0.261368	-3.82602	0.40493	1.58004	1.58004	0.917405	0.945836	-1.05727	0.139879	0.426261	-2.34598	0.46462	1.49113	1.49113	0.675728	1.25337	1.25337	0.0156654	0.203859	-4.90536	0.464086	1.49187	1.49187	0.854045	0.905873	-1.10391	2.42346	11.061	4.05699	1
cg17447014	MYO5A;MYO5A	0.113477	0.561263	0.822303	-1.2161	0.266696	0.674917	-1.48166	0.171886	1.65097	1.65097	0.499722	0.795515	-1.25705	0.25058	1.50485	1.50485	0.0952771	0.52421	-1.90763	?	?	?	0.0677591	2.07705	2.07705	0.0639264	2.10789	2.10789	3.10941	4.39207	0.882816	1
cg22989161	HSF1	0.113478	0.0466181	0.415364	-2.40752	0.0958661	0.49399	-2.02433	0.0926777	0.489952	-2.04102	0.554247	0.793997	-1.25945	0.0120566	0.299042	-3.34401	0.0621011	0.444898	-2.2477	0.148982	0.550587	-1.81624	0.737097	0.878169	-1.13873	0.875372	0.941274	-1.06239	2.4234	5.7067	2.09318	1
cg00262031	NDRG4;NDRG4;NDRG4	0.113479	0.340422	2.54424	2.54424	?	?	?	0.0374891	9.91896	9.91896	0.400558	2.26569	2.26569	0.252102	3.11785	3.11785	?	?	?	0.0412952	0.106744	-9.36819	0.799051	0.784686	-1.27439	0.531226	0.54725	-1.82732	2.47819	27.5793	12.7187	1
cg20203114	MECOM	0.113482	0.561992	0.810988	-1.23306	0.108696	1.86857	1.86857	0.0104578	3.16336	3.16336	0.796909	0.911969	-1.09653	0.241398	0.645208	-1.54989	0.725955	1.13399	1.13399	0.352509	0.71045	-1.40756	0.147795	1.7417	1.7417	0.35414	1.40584	1.40584	2.42337	4.90039	1.79746	1
cg25195288	CADM1;CADM1	0.113483	0.0343867	0.337961	-2.95892	0.322131	0.637865	-1.56773	0.759556	1.14448	1.14448	0.459926	0.718382	-1.39202	0.078123	0.422965	-2.36426	0.824025	0.906732	-1.10286	0.0322497	0.332074	-3.01138	0.0281872	0.320027	-3.12473	0.105842	0.459989	-2.17396	2.42335	7.41726	2.72066	1
cg06698843	ACADS	0.113486	0.0399886	0.381085	-2.62408	0.0514794	0.406171	-2.46202	0.0203492	0.320948	-3.11577	0.273973	0.629624	-1.58825	0.0558646	0.414639	-2.41174	0.229532	0.599056	-1.66929	0.752623	0.879412	-1.13712	0.0914315	0.469819	-2.12848	0.121653	0.505636	-1.97771	2.42333	6.33902	2.32518	1
cg04195855	LRRK1	0.113487	0.174455	2.00726	2.00726	0.00452309	6.20195	6.20195	0.828531	0.900664	-1.11029	0.643774	1.25184	1.25184	0.611586	1.2802	1.2802	0.586691	0.767381	-1.30313	0.14573	2.12422	2.12422	0.119426	2.2593	2.2593	0.914832	0.949708	-1.05296	2.42332	8.92948	3.27538	1
cg07075026	IGF2BP1;IGF2BP1	0.113488	0.807447	0.812648	-1.23054	0.0485341	0.147398	-6.78437	0.110133	0.227774	-4.39032	0.202937	3.13283	3.13283	0.306206	0.406544	-2.45976	0.910841	1.09984	1.09984	0.36524	0.453661	-2.20429	0.0304556	8.67872	8.67872	0.676656	1.42807	1.42807	2.42331	27.7038	10.162	1
cg00107890	THSD4	0.113489	0.0828825	0.343002	-2.91544	0.210064	0.479026	-2.08757	0.10504	0.372709	-2.68306	0.279469	0.534456	-1.87106	0.0370221	0.259395	-3.85512	0.0744913	0.330482	-3.02588	0.0611429	0.308591	-3.24054	0.0185027	0.203578	-4.91212	0.158436	0.431682	-2.31652	2.4233	11.9159	4.37086	1
cg02807446	SORCS3	0.113489	0.747224	0.927919	-1.07768	0.71794	1.08754	1.08754	0.76037	0.931677	-1.07333	0.979482	1.00597	1.00597	0.796386	1.06164	1.06164	0.252463	1.31856	1.31856	0.00521051	2.34629	2.34629	0.03512	1.76445	1.76445	0.396279	1.22258	1.22258	2.4233	2.05401	0.753431	1
cg13308143	KALRN;KALRN;KALRN	0.11349	0.152682	0.355379	-2.81389	0.100596	0.296765	-3.36966	0.0690411	0.253061	-3.95161	0.968082	0.973336	-1.02739	0.159235	0.362009	-2.76237	0.103816	0.300783	-3.32466	0.064334	0.245656	-4.07073	0.0910626	3.51544	3.51544	0.921915	0.935923	-1.06846	2.42329	17.5086	6.42235	1
cg01202312	TAF11;ANKS1A	0.113491	0.0386136	0.513358	-1.94796	0.600476	1.15845	1.15845	0.370211	1.29192	1.29192	0.0705188	1.75523	1.75523	0.108746	1.62727	1.62727	0.431875	1.25016	1.25016	0.220043	1.43179	1.43179	0.133944	0.637698	-1.56814	0.837756	0.944529	-1.05873	2.42328	2.97336	1.09066	1
cg27036347	ACTN1;ACTN1;ACTN1	0.113497	0.0164051	3.13221	3.13221	0.75304	0.884382	-1.13073	0.161161	0.558475	-1.79059	0.389787	1.40924	1.40924	0.378685	1.4213	1.4213	0.524107	1.2857	1.2857	0.0760422	2.15651	2.15651	0.0648814	2.2412	2.2412	0.216424	1.6592	1.6592	2.42322	5.81539	2.13321	1
cg22559329	PGLYRP1	0.113499	0.040963	0.318815	-3.13661	0.742513	0.852345	-1.17323	0.993159	0.995854	-1.00416	0.342297	0.622406	-1.60667	0.0919678	0.406975	-2.45715	0.265777	0.570081	-1.75414	0.429918	1.47767	1.47767	0.0456872	3.03524	3.03524	0.250433	1.78963	1.78963	2.42321	9.01322	3.30626	1
cg24142106	PIP5K1B	0.1135	0.191825	0.502707	-1.98923	0.0224363	3.90121	3.90121	0.166011	2.08599	2.08599	0.469344	0.693218	-1.44255	0.773897	0.86643	-1.15416	0.16191	0.475499	-2.10306	0.135981	0.449461	-2.22489	0.253497	1.81049	1.81049	0.912759	0.94691	-1.05607	2.42319	9.50848	3.48795	1
cg07701084	NUP43;NUP43	0.113503	0.337356	1.30369	1.30369	0.00767203	0.399028	-2.50609	0.622047	0.875271	-1.1425	0.238582	0.718239	-1.39229	0.371559	1.27889	1.27889	0.800086	1.0704	1.0704	0.287219	1.34485	1.34485	0.143182	0.655836	-1.52477	0.662569	0.88894	-1.12494	2.42317	2.75885	1.01202	1
cg10902968	PRRG1;PRRG1	0.113503	0.0714411	0.482473	-2.07266	0.0346057	0.409852	-2.4399	0.31638	0.687283	-1.455	0.0481222	2.26544	2.26544	0.780328	1.10652	1.10652	0.141001	0.563721	-1.77393	0.527753	0.793252	-1.26063	0.384771	0.724254	-1.38073	0.695819	1.15286	1.15286	2.42317	5.03007	1.84518	1
cg20240860	ACCS;ACCS	0.113505	0.853277	1.06376	1.06376	0.126505	0.575847	-1.73657	0.672669	1.15244	1.15244	0.338308	1.39036	1.39036	0.950948	1.02075	1.02075	0.359486	0.730096	-1.36968	0.00679785	0.310058	-3.2252	0.758361	1.10852	1.10852	0.218112	1.54119	1.54119	2.42315	4.27838	1.56945	1
cg25022981	TMEM175	0.113506	0.705804	1.1247	1.1247	0.911318	1.03513	1.03513	0.0390727	0.477089	-2.09605	0.218015	1.49412	1.49412	0.0741514	1.85268	1.85268	0.0701615	0.53402	-1.87259	0.206117	0.661488	-1.51174	0.390985	1.31307	1.31307	0.583725	1.18705	1.18705	2.42314	3.68508	1.35181	1
cg10327276	DNAJC11	0.113507	0.840627	1.03587	1.03587	0.09017	1.38657	1.38657	0.181201	1.28201	1.28201	0.692798	1.07196	1.07196	0.137359	0.755753	-1.32318	0.738284	0.943002	-1.06044	0.0123819	0.579907	-1.72441	0.769635	0.949905	-1.05274	0.570745	1.10547	1.10547	2.42313	1.17543	0.431189	1
cg02095530	C6orf164	0.113512	0.103384	0.466074	-2.14558	0.467916	1.37235	1.37235	0.0918186	0.451374	-2.21546	0.258026	0.603013	-1.65834	0.0341231	0.346587	-2.88528	0.0452775	0.373713	-2.67585	0.046555	0.37649	-2.65611	0.913009	0.954247	-1.04795	0.153072	0.519061	-1.92656	2.42308	7.04844	2.58567	1
cg04031129	WDR65;WDR65;EBNA1BP2;EBNA1BP2;WDR65;WDR65;WDR65;WDR65;WDR65	0.113514	0.318436	0.590558	-1.69331	0.024313	0.253827	-3.9397	0.458273	0.679929	-1.47074	0.211883	0.510837	-1.95757	0.863489	0.915854	-1.09188	0.00857943	0.180422	-5.54255	0.995723	0.997266	-1.00274	0.704422	0.823104	-1.21491	0.390786	1.56697	1.56697	2.42306	10.0119	3.67282	1
cg02527190	SLC27A6;SLC27A6	0.113514	0.725775	1.09874	1.09874	0.0114166	2.33162	2.33162	0.176819	1.46799	1.46799	0.519304	1.19087	1.19087	0.690771	1.11285	1.11285	0.613416	1.14593	1.14593	0.00888985	2.43569	2.43569	0.298188	1.33423	1.33423	0.310771	1.3237	1.3237	2.42306	2.74387	1.00658	1
cg13594542	UBAC1	0.113515	0.058694	0.330929	-3.02179	0.838421	0.899666	-1.11152	0.324002	0.590095	-1.69464	0.383045	0.629253	-1.58919	0.0121022	0.197913	-5.05273	0.291363	0.567238	-1.76293	0.0349701	0.280141	-3.56963	0.816578	1.12785	1.12785	0.0785252	0.363514	-2.75092	2.42306	10.291	3.7752	1
cg00320749	SNORD43;RPL3;RPL3	0.113515	0.879693	1.04121	1.04121	0.00467613	2.72555	2.72555	0.403934	1.25573	1.25573	0.965574	0.988558	-1.01157	0.874235	0.958644	-1.04314	0.325467	1.31091	1.31091	0.11772	0.63572	-1.57302	0.644436	0.883458	-1.13192	0.637438	1.13494	1.13494	2.42305	2.72832	1.00088	1
cg18283916	USP3	0.113515	0.0543374	0.646359	-1.54713	0.644128	0.911219	-1.09743	0.237721	0.780978	-1.28045	0.581334	0.894653	-1.11775	0.0253528	1.7011	1.7011	0.0814911	0.679812	-1.471	0.338366	0.82098	-1.21806	0.440992	1.17005	1.17005	0.887106	1.0288	1.0288	2.42305	1.53305	0.562395	1
cg03804206	MPHOSPH6	0.113517	0.51199	0.728829	-1.37206	0.0341938	0.308717	-3.23921	0.668078	0.814517	-1.22772	0.784076	0.877538	-1.13955	0.39751	0.662303	-1.50988	0.880998	0.931231	-1.07385	0.0984506	2.36765	2.36765	0.546791	0.748244	-1.33646	0.012207	0.226466	-4.41567	2.42304	8.68074	3.18452	1
cg19282928	GPR35;GPR35	0.113517	0.957888	0.944816	-1.05841	0.0384053	13.1788	13.1788	0.173252	4.74757	4.74757	0.575814	0.544648	-1.83605	0.0658244	0.108742	-9.19612	0.19863	0.232192	-4.30678	0.0711138	0.114518	-8.73224	0.902042	0.876029	-1.14151	0.44219	0.430718	-2.32171	2.42304	44.3394	16.2658	1
cg05768922	HEPACAM	0.113518	0.0770772	3.67918	3.67918	0.0773465	3.67387	3.67387	0.167478	2.65131	2.65131	0.335716	1.93061	1.93061	0.104105	3.24641	3.24641	0.126409	2.99138	2.99138	0.0129771	7.7152	7.7152	0.0354303	5.0682	5.0682	0.282586	2.09578	2.09578	2.42303	16.8528	6.18245	1
cg16536399	NFATC1;NFATC1;NFATC1;NFATC1	0.113519	0.767846	1.35712	1.35712	0.00612848	40.0274	40.0274	0.0184647	19.0699	19.0699	0.945289	1.07336	1.07336	0.976785	1.03047	1.03047	0.571267	1.80439	1.80439	0.386391	2.49916	2.49916	0.219679	3.78627	3.78627	0.570927	1.80535	1.80535	2.42302	40.8359	14.9807	1
cg20672430	DAXX;DAXX;DAXX;DAXX	0.113519	0.644559	0.87617	-1.14133	0.929106	0.974995	-1.02565	0.758077	0.915838	-1.0919	0.127791	1.59766	1.59766	0.0495489	0.528545	-1.89199	0.0387849	0.506152	-1.97569	0.459157	0.806958	-1.23922	0.61826	1.15368	1.15368	0.0325128	0.490583	-2.03839	2.42302	3.10756	1.14002	1
cg10085824	AP1G1;AP1G1	0.113521	0.24808	0.58948	-1.69641	0.00742538	0.221064	-4.52357	0.274601	0.608017	-1.64469	0.746331	1.15265	1.15265	0.130768	0.489577	-2.04258	0.109994	0.466497	-2.14364	0.357351	0.660787	-1.51335	0.710403	1.17733	1.17733	0.0651312	0.403988	-2.47532	2.42299	7.35183	2.69706	1
cg00464788	COL22A1	0.113522	0.158992	0.585728	-1.70728	0.119849	0.549021	-1.82143	0.389329	0.730912	-1.36815	0.176123	0.59986	-1.66706	0.0111772	0.323085	-3.09516	0.874452	0.945363	-1.05779	0.105462	0.533401	-1.87476	0.0532154	0.458209	-2.18241	0.0506162	0.453174	-2.20666	2.42299	4.84513	1.77746	1
cg11062158	PTPRN2;PTPRN2;PTPRN2	0.113525	0.164686	0.229536	-4.35662	0.171142	4.24889	4.24889	0.33198	0.37022	-2.7011	0.370228	0.401105	-2.49311	0.0107707	0.0415565	-24.0636	0.684814	0.666882	-1.49951	0.0440825	0.100599	-9.94044	0.795414	0.772619	-1.2943	0.926413	1.09605	1.09605	2.42296	37.8234	13.8759	1
cg23485473	TMEM110	0.113526	0.799245	1.06162	1.06162	0.448811	0.834354	-1.19853	0.920861	1.02359	1.02359	0.999565	0.999872	-1.00013	0.131144	0.682209	-1.46583	0.00516609	0.420496	-2.37824	0.266635	1.312	1.312	0.985658	1.00423	1.00423	0.167925	0.708355	-1.41172	2.42295	2.11248	0.774988	1
cg11251069	PTRH2;TMEM49;TMEM49	0.113528	0.854159	1.06753	1.06753	0.110741	0.539463	-1.85369	0.0164939	0.353291	-2.83053	0.134795	0.564057	-1.77287	0.281153	0.671782	-1.48858	0.602361	1.20525	1.20525	0.0568528	0.46512	-2.14998	0.413372	0.743049	-1.34581	0.263994	1.51213	1.51213	2.42293	4.84024	1.77571	1
cg13481974	SPTBN5	0.11353	0.0201143	8.5667	8.5667	0.576841	1.5216	1.5216	0.0921385	4.0516	4.0516	0.821148	1.1834	1.1834	0.668851	0.726011	-1.37739	0.941893	1.05569	1.05569	0.48722	1.69225	1.69225	0.0130845	10.6857	10.6857	0.121748	3.53555	3.53555	2.5681	22.0086	6.66552	1
cg09967440	C10orf137	0.113532	0.763475	0.899486	-1.11175	0.0381099	2.32501	2.32501	0.11521	1.82421	1.82421	0.57056	1.22288	1.22288	0.0223506	0.382588	-2.61377	0.911128	1.03997	1.03997	0.783676	1.10141	1.10141	0.639611	1.18002	1.18002	0.229609	0.642447	-1.55655	2.4229	4.72776	1.73447	1
cg14522034	POFUT2;POFUT2;LOC642852;POFUT2	0.113536	0.73837	0.89254	-1.1204	0.555172	1.22433	1.22433	0.0139197	2.80198	2.80198	0.604374	1.19394	1.19394	0.0334117	2.32323	2.32323	0.773227	1.10295	1.10295	0.165334	0.605408	-1.65178	0.478096	0.783026	-1.2771	0.299636	1.43986	1.43986	2.42286	4.41333	1.61915	1
cg18465689	SCPEP1	0.11354	0.400446	0.92008	-1.08686	0.624656	1.04888	1.04888	0.849829	0.981824	-1.01851	0.755692	0.970247	-1.03067	0.842389	1.01945	1.01945	0.334666	0.908201	-1.10108	0.00690569	0.712918	-1.40269	0.360268	1.09529	1.09529	0.0902283	1.19804	1.19804	2.42282	0.359377	0.131849	1
cg21386795	WDR8	0.113541	0.93389	0.959811	-1.04187	0.952786	0.971149	-1.02971	?	?	?	0.250944	0.552618	-1.80957	0.00429153	0.151307	-6.60908	0.102672	0.413588	-2.41787	0.299718	0.587799	-1.70126	0.898384	1.06521	1.06521	0.476685	0.699235	-1.43013	2.44732	8.42225	3.44142	1
cg04346228	RAP1GAP;RAP1GAP;RAP1GAP	0.113542	0.766651	0.935856	-1.06854	0.00874508	2.10442	2.10442	0.76578	1.06881	1.06881	0.829331	1.04926	1.04926	0.0453743	0.599706	-1.66748	0.661301	1.10319	1.10319	0.17663	1.37709	1.37709	0.938466	1.01735	1.01735	0.577563	1.13353	1.13353	2.4228	1.90412	0.698594	1
cg00957480	PIRT	0.113544	0.374085	0.754952	-1.32459	0.690756	0.884086	-1.13111	0.772077	1.09361	1.09361	0.452801	0.790064	-1.26572	0.43276	0.781413	-1.27973	0.0236502	0.435007	-2.29881	0.0456984	2.02552	2.02552	0.427448	1.28355	1.28355	0.0762575	0.5446	-1.83621	2.42278	3.64236	1.33634	1
cg17879478	STK35	0.113545	0.134296	0.486883	-2.05388	0.0279692	0.314292	-3.18175	0.14011	0.492841	-2.02905	0.711607	0.847449	-1.18001	0.0807718	0.421813	-2.37072	0.121508	0.47317	-2.11341	0.0107669	0.239742	-4.17115	0.640342	0.810785	-1.23337	0.346118	0.648892	-1.54109	2.42277	7.62415	2.79722	1
cg12584718	MEPCE	0.113546	0.0490818	0.392542	-2.5475	0.225574	0.588762	-1.69848	0.349943	1.49253	1.49253	0.411949	0.705262	-1.41791	0.0792599	0.44443	-2.25007	0.93492	0.966578	-1.03458	0.0368122	0.364402	-2.74422	0.0270368	0.336341	-2.97318	0.409456	0.703889	-1.42068	2.42276	6.64798	2.43908	1
cg02177646	ATL3	0.113546	0.672216	1.0284	1.0284	0.100129	0.888206	-1.12586	0.234738	0.921308	-1.08541	0.219766	1.08862	1.08862	0.818611	1.01523	1.01523	0.172034	0.908769	-1.10039	0.770138	0.980904	-1.01947	0.0173165	1.21016	1.21016	0.291326	0.930479	-1.07471	2.42276	0.166163	0.0609637	1
cg20568691	SLC15A1	0.113548	0.0356224	0.371943	-2.68858	0.0719622	0.443854	-2.25299	0.0298799	0.355822	-2.81039	0.182533	0.564357	-1.77193	0.0447623	0.393918	-2.5386	0.762879	1.13016	1.13016	0.0825711	0.459548	-2.17605	0.279795	0.634861	-1.57515	0.229918	0.600861	-1.66428	2.42275	6.2747	2.30214	1
cg07031542	PTPN14	0.113548	0.103737	1.66723	1.66723	0.0539897	0.533418	-1.8747	0.0935292	0.588645	-1.69882	0.663594	1.13398	1.13398	0.0603152	1.83799	1.83799	0.432732	1.25863	1.25863	0.942589	0.97952	-1.02091	0.717775	1.10991	1.10991	0.224726	0.69324	-1.4425	2.42274	3.16729	1.16206	1
cg06997707	TRIO	0.113549	0.150644	1.77811	1.77811	0.288485	1.50939	1.50939	0.743763	1.13037	1.13037	0.0456212	2.35451	2.35451	0.999266	0.999656	-1.00034	0.0702304	2.13005	2.13005	0.0462123	2.34749	2.34749	0.0201765	2.84858	2.84858	0.0838305	2.04383	2.04383	2.42273	5.35634	1.96522	1
cg08744878	BAT2	0.11355	0.189118	1.32572	1.32572	0.143231	0.726993	-1.37553	0.238805	1.28408	1.28408	0.201946	1.314	1.314	0.088172	0.68294	-1.46426	0.0398836	0.617887	-1.61842	0.68236	0.919986	-1.08697	0.508704	0.87295	-1.14554	0.190033	0.754799	-1.32486	2.42272	1.57618	0.578295	1
cg02484562	TBC1D2B;TBC1D2B	0.113551	0.772209	1.04621	1.04621	0.04334	1.4357	1.4357	0.89458	1.02085	1.02085	0.459339	0.889361	-1.1244	0.894446	1.02087	1.02087	0.0144773	1.59823	1.59823	0.04085	1.44394	1.44394	0.650422	1.07358	1.07358	0.511864	0.901643	-1.10909	2.42271	0.929349	0.340977	1
cg26065870	NISCH	0.113555	0.277113	1.29302	1.29302	0.201547	0.735929	-1.35883	0.924873	1.02167	1.02167	0.802958	0.944745	-1.05849	0.427292	0.831712	-1.20234	0.68151	1.09836	1.09836	0.00406603	2.40331	2.40331	0.872242	0.964073	-1.03727	0.96992	0.991464	-1.00861	2.42267	1.98324	0.727659	1
cg14014506	KIF12	0.113556	0.102286	1.75153	1.75153	0.324657	0.727	-1.37551	0.0308468	2.2139	2.2139	0.441272	1.27909	1.27909	0.233985	0.676311	-1.47861	0.223415	1.49329	1.49329	0.3483	0.738835	-1.35348	0.489433	1.2462	1.2462	0.0593255	1.94898	1.94898	2.42267	3.77013	1.38328	1
cg27074040	RBMX;RBMX;RBMX;RBMX	0.113557	0.351064	1.69725	1.69725	0.0953168	2.74586	2.74586	0.399461	1.60872	1.60872	0.439862	1.54374	1.54374	0.014475	0.189999	-5.26319	0.0813363	2.90074	2.90074	0.92203	0.947469	-1.05544	0.629699	0.765076	-1.30706	0.778329	0.855943	-1.1683	2.42266	11.6569	4.277	1
cg20486052	DDX18	0.11356	0.587674	0.857143	-1.16667	0.0141455	0.426323	-2.34564	0.0437462	1.92073	1.92073	0.911055	1.03197	1.03197	0.369366	0.771368	-1.2964	0.746846	1.09549	1.09549	0.663753	0.884115	-1.13107	0.144494	1.55483	1.55483	0.949952	0.982481	-1.01783	2.42263	3.04215	1.1162	1
cg08470185	CCNL2;CCNL2;CCNL2;LOC148413;CCNL2	0.113561	0.0828723	0.470991	-2.12318	0.868937	1.06581	1.06581	0.950392	0.976278	-1.0243	0.35603	0.692184	-1.4447	0.208562	0.597069	-1.67485	0.0401035	0.392023	-2.55087	0.307284	1.50678	1.50678	0.0541526	2.3638	2.3638	0.353377	1.44784	1.44784	2.56778	5.92763	1.79548	1
cg07578695	SLC34A2	0.113562	0.0759177	11.4915	11.4915	0.68081	1.66744	1.66744	0.439516	2.64995	2.64995	0.172346	6.02254	6.02254	0.197713	0.185814	-5.38174	0.209698	5.12542	5.12542	0.0537813	14.9817	14.9817	0.0391819	19.1054	19.1054	0.0564275	14.4393	14.4393	2.42261	58.6264	21.5108	1
cg22045990	TSSK3;TSSK3;LOC100128071	0.113562	0.0249354	2.33213	2.33213	0.147461	1.63758	1.63758	0.420593	1.29836	1.29836	0.0692812	1.90579	1.90579	0.17346	0.631546	-1.58342	0.732967	1.1148	1.1148	0.281783	0.701211	-1.4261	0.297578	0.709879	-1.40869	0.443253	1.28153	1.28153	2.42261	3.86354	1.41758	1
cg03832506	IQSEC2;IQSEC2	0.113562	0.556253	1.31447	1.31447	0.24139	1.75668	1.75668	0.205662	1.84673	1.84673	0.841813	0.912281	-1.09615	0.042918	0.34285	-2.91673	0.233441	0.563281	-1.77531	0.0288096	0.305903	-3.26901	0.145299	0.487477	-2.05138	0.712065	0.843392	-1.18569	2.42261	8.09924	2.97172	1
cg25622928	EPHX4	0.113563	0.231976	0.570383	-1.75321	0.116595	0.465965	-2.14608	0.0319456	0.324403	-3.08258	0.826983	0.906613	-1.10301	0.020729	0.287304	-3.48063	0.457645	0.712661	-1.40319	0.0366016	0.336951	-2.96779	0.0613593	0.389044	-2.57041	0.597157	0.787516	-1.26981	2.4226	7.69637	2.82392	1
cg04778178	HOXA3	0.113568	0.0409895	23.4727	23.4727	0.358167	3.54084	3.54084	0.0750737	14.1879	14.1879	0.0852221	12.7593	12.7593	0.0417461	23.1186	23.1186	0.983916	0.973386	-1.02734	0.912323	0.862964	-1.1588	0.0746384	14.257	14.257	0.0430424	22.5384	22.5384	2.42255	68.6973	25.2066	1
cg00028598	GABRA5;GABRA5	0.113568	0.376537	1.37956	1.37956	0.27926	1.49014	1.49014	0.814101	1.08711	1.08711	0.861647	1.06381	1.06381	0.267264	1.50652	1.50652	0.902614	1.04436	1.04436	0.0895072	1.94219	1.94219	0.747596	1.1213	1.1213	0.00783293	0.298164	-3.35386	2.42255	4.82384	1.76998	1
cg11552023	NEO1	0.113572	0.72643	1.18766	1.18766	0.0174474	4.12429	4.12429	0.296289	1.69932	1.69932	0.187813	1.98058	1.98058	0.0513804	0.337547	-2.96255	0.405688	1.51668	1.51668	0.717717	1.19453	1.19453	0.0894633	2.50122	2.50122	0.493659	1.40544	1.40544	2.42252	9.19765	3.37487	1
cg01189112	TMEM61;TMEM61	0.113572	0.459715	1.75519	1.75519	0.103094	3.79099	3.79099	0.165141	3.02384	3.02384	0.144959	3.22172	3.22172	0.438359	1.80538	1.80538	0.11936	3.5365	3.5365	0.0216796	7.8467	7.8467	0.129736	3.39842	3.39842	0.0121322	10.3473	10.3473	2.42251	21.4303	7.86337	1
cg02579620	BCAP31;BCAP31;BCAP31;BCAP31	0.113576	0.0101773	0.181711	-5.50325	0.73971	1.19179	1.19179	0.622035	0.769911	-1.29885	0.326202	1.70475	1.70475	0.494838	1.44018	1.44018	0.148036	0.441936	-2.26277	0.0622704	0.33141	-3.01741	0.717176	0.825779	-1.21098	0.190898	0.482496	-2.07256	2.42248	10.6243	3.8984	1
cg21530045	ULBP2	0.113576	0.586274	0.762964	-1.31068	0.238351	1.83677	1.83677	0.204384	1.93354	1.93354	0.306831	1.68341	1.68341	0.186315	1.99323	1.99323	0.00883371	0.193773	-5.16068	0.611949	1.28641	1.28641	0.543257	1.35381	1.35381	0.501991	1.39857	1.39857	2.42248	9.2987	3.41201	1
cg24220767	ANKRD37	0.113577	0.143319	1.12731	1.12731	0.897466	0.990225	-1.00987	0.0120126	1.26963	1.26963	0.103168	1.14549	1.14549	0.869734	1.01258	1.01258	0.0678483	1.16864	1.16864	0.473281	1.05715	1.05715	0.44808	1.06068	1.06068	0.0307016	1.21338	1.21338	2.42247	0.222747	0.0817337	1
cg00628375	RUNDC3A;RUNDC3A;RUNDC3A	0.113577	0.183605	2.10256	2.10256	0.0277748	3.93573	3.93573	0.0391677	3.51572	3.51572	0.384415	1.59964	1.59964	0.407379	1.56274	1.56274	0.281761	0.554743	-1.80264	0.790142	1.15085	1.15085	0.354618	1.65143	1.65143	0.130727	0.423307	-2.36235	2.42247	10.6461	3.90642	1
cg27144788	WRB	0.113579	0.747279	0.935652	-1.06877	0.0604395	1.54584	1.54584	0.152804	1.37026	1.37026	0.915672	1.02203	1.02203	0.0721026	0.661684	-1.5113	0.157029	1.36527	1.36527	0.0934977	0.684207	-1.46155	0.38159	1.20275	1.20275	0.236083	1.291	1.291	2.42245	1.6237	0.595797	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07866464	UXS1	0.113581	0.265337	0.670193	-1.49211	0.411353	0.74856	-1.3359	0.827223	0.927409	-1.07827	0.946473	0.977118	-1.02342	0.542016	1.23714	1.23714	0.496096	1.26904	1.26904	0.00399198	0.263406	-3.79642	0.111174	0.549769	-1.81895	0.569153	0.82007	-1.21941	2.42243	4.56005	1.67327	1
cg25812776	TRAF5;TRAF5	0.113583	0.382566	0.894666	-1.11774	0.0915323	1.2598	1.2598	0.984896	0.99765	-1.00236	0.0117033	0.676025	-1.47923	0.238001	0.857584	-1.16607	0.41012	0.900594	-1.11038	0.227979	0.854455	-1.17034	0.579018	1.07215	1.07215	0.334632	1.13166	1.13166	2.42241	0.592746	0.217504	1
cg06378129	SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.113585	0.743707	0.844237	-1.1845	0.0916774	0.383488	-2.60764	0.0410157	0.296114	-3.37708	0.745211	1.18327	1.18327	0.0103523	0.188849	-5.29523	0.815563	0.886396	-1.12816	0.149428	0.450339	-2.22055	0.844937	0.903878	-1.10634	0.0968579	0.390397	-2.56149	2.42239	10.2192	3.7499	1
cg25422089	MGC16275;TTYH2	0.113586	0.1705	2.05332	2.05332	0.639618	1.26169	1.26169	0.805567	1.12926	1.12926	0.0543456	2.93341	2.93341	0.178346	2.02355	2.02355	0.228181	1.86534	1.86534	0.00851364	5.23333	5.23333	0.0830348	2.57534	2.57534	0.0700145	2.7142	2.7142	2.42238	9.32104	3.42033	1
cg00454042	RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4;RASGRP4	0.113586	0.0550984	2.09112	2.09112	0.902216	1.04258	1.04258	0.153997	1.67814	1.67814	0.828639	0.92911	-1.0763	0.27751	0.681759	-1.46679	0.0441231	2.19128	2.19128	0.862878	1.06039	1.06039	0.0215169	2.55136	2.55136	0.761644	0.901953	-1.10871	2.42238	4.41436	1.61984	1
cg02736016	WNK1	0.113587	0.114586	0.286882	-3.48575	0.552359	0.645704	-1.5487	0.13087	0.305154	-3.27703	0.0714935	0.231194	-4.32537	0.0142001	0.11066	-9.03671	0.116116	0.288649	-3.46442	0.0715996	0.23135	-4.32246	0.865747	1.13102	1.13102	0.072497	0.232661	-4.29809	2.42238	20.312	7.45347	1
cg00517261	SLC6A12;SLC6A12;SLC6A12	0.113588	0.639262	0.828478	-1.20703	0.463172	0.742574	-1.34667	0.00448418	0.220851	-4.52795	0.732512	1.14653	1.14653	0.948251	1.02621	1.02621	0.58481	1.24596	1.24596	0.0567335	0.423352	-2.3621	0.659447	0.837986	-1.19334	0.250333	0.619541	-1.6141	2.42237	6.09452	2.23638	1
cg05223100	LHCGR	0.113589	0.0173792	0.354849	-2.8181	0.535837	0.799098	-1.25141	0.00790933	0.295672	-3.38213	0.378482	0.723815	-1.38157	0.126282	0.553387	-1.80705	0.264717	0.659803	-1.5156	0.520471	0.792143	-1.2624	0.355406	0.711728	-1.40503	0.149096	0.574969	-1.73922	2.42236	4.90908	1.8014	1
cg04136149	ELMO1	0.113592	0.373062	0.835205	-1.19731	0.352479	1.20734	1.20734	0.0269294	0.596898	-1.67533	0.280955	0.801969	-1.24693	0.800894	1.05102	1.05102	0.228567	1.28256	1.28256	0.3071	0.812036	-1.23147	0.0610795	1.51537	1.51537	0.269035	1.25444	1.25444	2.42233	1.48779	0.545954	1
cg20285128	NES	0.113594	0.142992	0.385483	-2.59415	0.0726678	0.297415	-3.36231	0.0515887	0.261409	-3.82542	0.0734686	0.298649	-3.34842	0.0320271	0.218466	-4.57737	0.248733	2.07526	2.07526	0.179427	0.421679	-2.37147	0.402983	0.59556	-1.67909	0.311386	0.530359	-1.88551	2.42231	14.0675	5.16218	1
cg13327935	PDZD2	0.113594	0.119938	0.786521	-1.27142	0.432047	0.892135	-1.12091	0.0343475	0.703731	-1.421	0.808549	0.966037	-1.03516	0.548346	1.0903	1.0903	0.876375	0.978084	-1.02241	0.0174899	1.50938	1.50938	0.76	1.04458	1.04458	0.842178	1.02878	1.02878	2.42231	0.777301	0.285238	1
cg01334232	ZMAT3;ZMAT3	0.113595	0.146269	0.392384	-2.54852	0.00897367	0.136233	-7.34036	0.109006	0.350487	-2.85317	0.419068	1.64093	1.64093	0.123151	0.367196	-2.72334	0.147618	0.393785	-2.53945	0.575506	0.712222	-1.40406	0.541863	1.44832	1.44832	0.449057	0.629555	-1.58842	2.42229	13.8044	5.06568	1
cg18511798	H19;MIR675	0.113597	0.593027	1.1487	1.1487	0.0258935	0.506779	-1.97324	0.0406241	0.544706	-1.83585	0.311033	1.30912	1.30912	0.305137	0.761178	-1.31375	0.707583	1.10168	1.10168	0.113165	1.55744	1.55744	0.739483	0.917813	-1.08955	0.372687	0.790423	-1.26515	2.42228	2.5335	0.929702	1
cg18388203	PNO1	0.113598	0.496788	0.790395	-1.26519	0.00939788	0.325434	-3.07282	0.0548318	0.475941	-2.1011	0.366634	0.728915	-1.3719	0.216919	0.64215	-1.55727	0.075186	0.508918	-1.96495	0.316175	1.42376	1.42376	0.95846	0.982399	-1.01792	0.601084	0.835395	-1.19704	2.42227	4.45898	1.63629	1
cg27058052	MIR498	0.113599	0.0515858	0.210965	-4.74012	0.0734003	0.246108	-4.06326	0.415587	0.557448	-1.79389	0.198828	0.385366	-2.59494	0.0412516	0.191368	-5.22554	0.0526481	0.212849	-4.69817	0.0323938	0.172186	-5.80769	0.0576047	0.221369	-4.51734	0.505894	0.622479	-1.60648	2.42226	18.9215	6.94357	1
cg24068761	KCNAB2;KCNAB2	0.113599	0.723197	1.13434	1.13434	0.0263833	0.393247	-2.54293	0.00913757	0.30923	-3.23384	0.310774	0.689541	-1.45024	0.739945	0.888633	-1.12532	0.156556	0.584412	-1.71112	0.51343	1.2648	1.2648	0.31935	0.694363	-1.44017	0.684085	0.86502	-1.15604	2.42225	4.81981	1.76872	1
cg06830503	ARG2	0.113603	0.00968913	2.26746	2.26746	0.779581	1.0727	1.0727	0.0435225	1.78716	1.78716	0.841562	1.05134	1.05134	0.184519	1.42201	1.42201	0.18602	1.4201	1.4201	0.0411563	1.80275	1.80275	0.18225	1.42493	1.42493	0.280911	1.32359	1.32359	2.42222	2.40036	0.880865	1
cg12775935	RNF121;LOC100133315;RNF121;RNF121	0.113603	0.0663721	1.33874	1.33874	0.621284	0.931875	-1.0731	0.17311	1.228	1.228	0.13459	1.2568	1.2568	0.0230577	1.46969	1.46969	0.277601	1.17348	1.17348	0.0468544	1.38042	1.38042	0.23807	1.19136	1.19136	0.0471136	1.37975	1.37975	2.42222	0.770096	0.282604	1
cg01063425	SBF1	0.113604	0.892038	1.09028	1.09028	0.185318	2.44503	2.44503	0.231229	2.22402	2.22402	0.18927	0.412656	-2.42332	0.142568	0.366697	-2.72705	0.389307	0.570331	-1.75337	0.0151536	0.149696	-6.68019	0.724203	0.79812	-1.25294	0.131474	0.354723	-2.8191	2.42222	15.5422	5.70358	1
cg03404339	KRT7	0.113605	0.0667063	0.310217	-3.22354	0.406803	0.616848	-1.62114	0.680893	0.790235	-1.26545	0.267059	0.51773	-1.93151	0.0278456	0.227662	-4.39248	0.217311	0.477599	-2.0938	0.0601083	0.298982	-3.34469	0.0141953	0.178615	-5.59864	0.134475	0.399005	-2.50624	2.42221	12.4347	4.56321	1
cg11891735	AES;AES;AES	0.113605	0.902922	1.04678	1.04678	0.85009	0.931561	-1.07347	0.0603985	2.21103	2.21103	0.260206	1.55275	1.55275	0.653224	0.844128	-1.18465	0.367759	0.707056	-1.41432	0.0120699	0.309521	-3.2308	0.253239	0.639487	-1.56375	0.521955	1.27529	1.27529	2.4222	5.38552	1.97635	1
cg11643733	PPFIA2	0.113605	0.381699	0.818933	-1.2211	0.974285	0.992849	-1.0072	0.179265	0.727874	-1.37386	0.687222	0.913824	-1.0943	0.044345	0.597967	-1.67233	0.0501768	1.64401	1.64401	0.0550948	1.6229	1.6229	0.64949	1.10724	1.10724	0.664812	0.907502	-1.10193	2.4222	1.90166	0.697863	1
cg03062865	CHMP1A;CHMP1A	0.113612	0.469218	0.736947	-1.35695	0.0380247	0.368983	-2.71015	0.639491	0.822369	-1.216	0.502271	0.754073	-1.32613	0.0852455	0.454415	-2.20063	0.043092	0.381067	-2.62421	0.0096947	0.257553	-3.8827	0.698913	0.851193	-1.17482	0.237851	0.598963	-1.66955	2.42214	6.5919	2.41913	1
cg15794778	BCORL2	0.113612	0.0505716	7.71134	7.71134	0.689439	1.44525	1.44525	0.665853	0.671435	-1.48935	0.00729702	0.0419157	-23.8574	0.845688	0.836403	-1.1956	0.81794	0.809449	-1.23541	0.98179	0.979292	-1.02115	0.765761	1.31511	1.31511	0.338111	2.47276	2.47276	2.42213	32.2452	11.8335	1
cg23355126	TMEM50B	0.113616	0.647858	1.06831	1.06831	0.131916	1.26324	1.26324	0.0110722	1.58061	1.58061	0.528372	0.912294	-1.09614	0.675335	1.0624	1.0624	0.264767	0.84618	-1.18178	0.0975846	0.770115	-1.29851	0.463174	1.11328	1.11328	0.631666	1.07187	1.07187	2.4221	0.792149	0.290711	1
cg04034539	C11orf48;C11orf83	0.113616	0.0398378	0.629356	-1.58893	0.0234131	0.589939	-1.69509	0.0711105	0.675109	-1.48124	0.277037	0.802266	-1.24647	0.250358	0.791299	-1.26375	0.314338	0.816464	-1.22479	0.0315598	0.611822	-1.63446	0.616228	1.10349	1.10349	0.732787	0.935396	-1.06907	2.4221	1.45681	0.534636	1
cg01282080	NOTCH3	0.113621	0.775966	1.0582	1.0582	0.793044	0.949206	-1.05351	0.0126045	0.540646	-1.84964	0.737179	1.06906	1.06906	0.366732	0.832069	-1.20182	0.236218	1.279	1.279	0.0410073	1.59605	1.59605	0.562689	0.890448	-1.12303	0.57362	0.893392	-1.11933	2.42205	1.5078	0.55336	1
cg26981309	MCHR2;MCHR2;MCHR2	0.113625	0.170563	2.34324	2.34324	0.191745	2.23976	2.23976	0.494707	1.49869	1.49869	0.700865	1.2526	1.2526	0.860865	0.9027	-1.10779	0.70362	1.24985	1.24985	0.860585	0.902512	-1.10802	0.00266748	11.2868	11.2868	0.383493	1.68443	1.68443	2.42202	13.0598	4.79299	1
cg02058516	PDGFRA	0.113626	0.0954531	0.73352	-1.36329	0.0217906	1.59332	1.59332	0.186004	1.26774	1.26774	0.71355	1.06437	1.06437	0.217326	1.24558	1.24558	0.673141	0.930731	-1.07442	0.0621197	1.42666	1.42666	0.545815	0.90174	-1.10897	0.428753	1.14646	1.14646	2.42201	1.09804	0.402985	1
cg19086124	DGCR14	0.113627	0.890999	1.03901	1.03901	0.183641	1.48249	1.48249	0.0315821	2.02092	2.02092	0.209393	0.691238	-1.44668	0.20194	0.686558	-1.45654	0.189687	1.47362	1.47362	0.0668098	1.77455	1.77455	0.415064	0.792534	-1.26178	0.317676	1.33414	1.33414	2.422	2.98822	1.0967	1
cg17875611	SNORA7A;RPL32;RPL32;RPL32	0.113628	0.531254	1.15888	1.15888	0.127626	0.681803	-1.4667	0.469261	1.18671	1.18671	0.172452	0.713458	-1.40162	0.083759	1.56043	1.56043	0.0559643	1.65433	1.65433	0.218983	0.740386	-1.35065	0.207902	0.734377	-1.3617	0.340332	0.795746	-1.25668	2.42198	2.07364	0.761044	1
cg13316813	ANAPC10;ABCE1;ABCE1	0.113628	0.405624	0.741455	-1.3487	0.0780829	1.99031	1.99031	0.940058	0.973905	-1.02679	0.997202	1.00123	1.00123	0.00653108	0.288666	-3.46421	0.562065	0.813751	-1.22888	0.264921	0.664643	-1.50457	0.295611	0.682957	-1.46422	0.901249	1.04461	1.04461	2.42198	4.74166	1.74023	1
cg03325671	TSC2;TSC2;TSC2	0.113629	0.343519	0.853575	-1.17154	0.362511	1.16399	1.16399	0.359341	0.858205	-1.16522	0.107605	0.752085	-1.32964	0.0310895	0.663272	-1.50768	0.543849	1.10482	1.10482	0.0396826	1.47097	1.47097	0.827835	0.965279	-1.03597	0.389956	0.866813	-1.15365	2.42197	1.00976	0.370591	1
cg11124364	TMEM196	0.11363	0.473298	1.09566	1.09566	0.715071	0.955116	-1.04699	0.0570098	0.763571	-1.30964	0.303992	1.14265	1.14265	0.84164	1.02537	1.02537	0.155823	0.826794	-1.20949	0.0415198	0.74497	-1.34234	0.263422	1.15723	1.15723	0.117419	1.23739	1.23739	2.42197	0.601811	0.220871	1
cg07311631	SMYD3;SMYD3	0.113631	0.876481	1.03808	1.03808	0.663837	0.900259	-1.11079	0.00861707	0.447145	-2.23641	0.0529076	0.58943	-1.69655	0.371709	0.80222	-1.24654	0.799035	0.940542	-1.06322	0.155157	1.44127	1.44127	0.969232	0.990775	-1.00931	0.250648	0.749446	-1.33432	2.42195	2.21452	0.812758	1
cg01868896	MYO5C	0.113632	0.270656	0.655932	-1.52455	0.606437	1.21054	1.21054	0.0555258	0.45029	-2.22079	0.321879	0.686414	-1.45685	0.00587619	0.265668	-3.76409	0.165399	0.580419	-1.72289	0.681864	1.16363	1.16363	0.933845	0.969936	-1.031	0.788182	0.90573	-1.10408	2.42194	5.18571	1.90323	1
cg12976310	SNORA35;HTR2C	0.113634	0.326787	1.80392	1.80392	0.99552	0.996734	-1.00328	0.270463	0.512397	-1.95161	0.0884609	0.334442	-2.99005	0.00889042	0.143686	-6.95961	0.319431	1.82138	1.82138	0.605023	0.737829	-1.35533	0.375226	1.69954	1.69954	0.481222	0.658881	-1.51773	2.42192	13.0265	4.78094	1
cg23727072	CYP1A1	0.113635	0.323203	0.657901	-1.51999	0.284888	1.57745	1.57745	0.752483	1.13863	1.13863	0.105749	0.48429	-2.06488	0.0145184	0.29067	-3.44033	0.201873	0.575238	-1.73841	0.0531558	0.405946	-2.46338	0.536095	0.773292	-1.29317	0.561314	1.27254	1.27254	2.42192	6.45856	2.37041	1
cg14662750	JARID2	0.113638	0.100385	0.473806	-2.11057	0.135146	1.95109	1.95109	0.103511	2.09367	2.09367	0.155423	0.532135	-1.87922	0.444369	0.723552	-1.38207	0.506005	0.755751	-1.32319	0.164352	0.540247	-1.85101	0.155949	1.87751	1.87751	0.18606	0.558884	-1.78928	2.42189	6.60593	2.42453	1
cg19828022	MCOLN1	0.113641	0.034709	0.277773	-3.60007	0.127033	0.434202	-2.30308	0.552129	1.34539	1.34539	?	?	?	0.157509	0.467287	-2.14001	0.0884707	2.60453	2.60453	?	?	?	0.63089	1.26926	1.26926	0.695335	0.823932	-1.21369	2.82136	7.98546	2.42603	1
cg02936872	CTSL2	0.113641	0.544272	1.06168	1.06168	0.0386734	1.26306	1.26306	0.0705255	1.21789	1.21789	0.803962	0.976036	-1.02455	0.319282	0.904496	-1.10559	0.343224	1.09991	1.09991	0.280077	0.896276	-1.11573	0.030505	1.28139	1.28139	0.252445	1.12365	1.12365	2.42186	0.364826	0.133901	1
cg16967640	LMX1A	0.113642	0.586396	0.551346	-1.81374	0.0563722	11.5177	11.5177	0.0760638	9.1889	9.1889	?	?	?	0.344506	0.345457	-2.89472	0.0584041	0.089184	-11.2128	0.747391	1.41827	1.41827	0.901978	0.87538	-1.14236	0.164811	0.194235	-5.14839	2.79447	43.7025	11.7292	1
cg12104979	HOOK3	0.113646	0.972989	0.989697	-1.01041	0.02155	0.429864	-2.32631	0.2862	1.40323	1.40323	0.283401	1.40621	1.40621	0.0554399	1.9426	1.9426	0.394077	1.30605	1.30605	0.0722034	1.84734	1.84734	0.576065	1.18861	1.18861	0.673519	1.13839	1.13839	2.42181	3.58854	1.31712	1
cg03038003	AGBL4;BEND5	0.113647	0.183047	1.41234	1.41234	0.0234521	1.93773	1.93773	0.0592252	0.594232	-1.68284	0.755945	1.07917	1.07917	0.0654028	1.65766	1.65766	0.266632	1.32688	1.32688	0.797839	1.06473	1.06473	0.399112	1.23485	1.23485	0.245248	1.34583	1.34583	2.42181	2.29053	0.840706	1
cg09888156	NAA15	0.113648	0.521754	0.883649	-1.13167	0.864743	1.03301	1.03301	0.0406165	0.637402	-1.56887	0.996131	1.00092	1.00092	0.238505	1.26514	1.26514	0.292471	1.23128	1.23128	0.436735	1.16315	1.16315	0.0447133	1.55113	1.55113	0.0494458	1.53278	1.53278	2.4218	1.39185	0.510862	1
cg25228773	SPPL2B;SPPL2B;SPPL2B;SPPL2B;LSM7	0.11365	0.696947	0.877524	-1.13957	0.0131037	2.79318	2.79318	0.158649	0.604707	-1.65369	0.403383	1.33037	1.33037	0.1975	1.5758	1.5758	0.068613	1.97479	1.97479	0.361472	0.731136	-1.36773	0.933508	0.972528	-1.02825	0.620976	1.18104	1.18104	2.42178	4.27451	1.56891	1
cg13982318	APBA1	0.113651	0.791057	1.07805	1.07805	0.141605	1.56416	1.56416	0.0246834	0.469026	-2.13208	0.0552691	1.84966	1.84966	0.612064	1.15575	1.15575	0.744974	1.09678	1.09678	0.116008	1.62175	1.62175	0.20889	1.45489	1.45489	0.654299	0.880227	-1.13607	2.42177	3.07272	1.12782	1
cg09868597	YTHDC2;YTHDC2	0.113652	0.0885412	0.837551	-1.19396	0.519962	1.06347	1.06347	0.849536	0.982241	-1.01808	0.693782	0.963354	-1.03804	0.0135148	1.33433	1.33433	0.473788	0.933574	-1.07115	0.46759	0.93264	-1.07222	0.792084	0.975383	-1.02524	0.0756493	1.20511	1.20511	2.42176	0.341417	0.125315	1
cg25728994	PARP16	0.113655	0.824678	1.03937	1.03937	0.977089	1.00501	1.00501	0.0204854	0.615105	-1.62574	0.64152	1.08503	1.08503	0.452572	0.875305	-1.14246	0.214966	0.796776	-1.25506	0.673479	0.928892	-1.07655	0.0725609	1.41721	1.41721	0.0760354	1.41002	1.41002	2.42173	1.16179	0.426433	1
cg25087851	GPR44	0.113657	0.0373643	0.326703	-3.06088	0.279589	1.68285	1.68285	0.0417138	0.337223	-2.9654	0.195654	0.530638	-1.88452	0.236872	0.563361	-1.77506	0.336573	1.58214	1.58214	0.185987	0.522419	-1.91417	0.481611	0.718063	-1.39264	0.0801701	0.407046	-2.45672	2.42171	8.22327	3.01835	1
cg01352921	MOSPD3;MOSPD3;MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.113658	0.920769	1.01913	1.01913	0.857865	0.966434	-1.03473	0.21624	1.28126	1.28126	0.693045	1.07849	1.07849	0.161093	1.32986	1.32986	0.461342	0.866903	-1.15353	0.00570552	0.50138	-1.99449	0.831696	1.04137	1.04137	0.397769	0.847977	-1.17928	2.4217	1.39125	0.51066	1
cg18003970	PARVA	0.113659	0.0293065	0.56489	-1.77026	0.181557	0.729436	-1.37092	0.367959	0.814063	-1.22841	0.177997	0.727316	-1.37492	0.118193	0.685667	-1.45843	0.298674	1.27078	1.27078	0.120328	1.45474	1.45474	0.627561	0.896947	-1.11489	0.320818	1.25631	1.25631	2.42169	1.89796	0.696653	1
cg22026192	NCOR2;NCOR2	0.113659	0.366636	1.26363	1.26363	0.0301139	1.90302	1.90302	0.762341	1.07952	1.07952	0.758857	0.925258	-1.08078	0.618371	1.13508	1.13508	0.531691	0.852291	-1.17331	0.00727861	2.39482	2.39482	0.651456	0.891608	-1.12157	0.779572	0.931661	-1.07335	2.42169	2.4412	0.896052	1
cg05367661	C7orf57;C7orf57	0.11366	0.383752	1.08468	1.08468	0.00864796	1.35614	1.35614	0.0630442	1.20961	1.20961	0.490356	0.938228	-1.06584	0.404591	1.0807	1.0807	0.914051	0.990223	-1.00987	0.935151	0.992621	-1.00743	0.527326	1.06002	1.06002	0.0481468	1.22819	1.22819	2.42169	0.317667	0.116601	1
cg17254454	CEP120;CEP120	0.113663	0.918615	0.98732	-1.01284	0.756943	1.03952	1.03952	0.287733	0.871266	-1.14776	0.839704	1.02561	1.02561	0.329698	1.13382	1.13382	0.0124948	1.47401	1.47401	0.0205335	1.41684	1.41684	0.521572	0.922094	-1.08449	0.771667	1.037	1.037	2.42165	0.597854	0.219447	1
cg15847565	C4orf36;C4orf36	0.113663	0.784093	0.954614	-1.04754	0.434387	0.873809	-1.14442	0.213915	1.24772	1.24772	0.508026	1.12027	1.12027	0.382654	1.16348	1.16348	0.406129	0.866121	-1.15457	0.0186516	0.617392	-1.61972	0.0517459	0.687708	-1.4541	0.247175	1.22708	1.22708	2.42165	1.09698	0.402655	1
cg08572782	AP3D1;AP3D1	0.113664	0.442327	0.772738	-1.2941	0.0151235	0.374416	-2.67083	0.0693039	0.51233	-1.95187	0.39705	0.751708	-1.3303	0.0163622	0.380658	-2.62703	0.105749	0.559034	-1.7888	0.177674	0.624098	-1.60231	0.814286	0.92548	-1.08052	0.250575	0.673598	-1.48457	2.42165	4.15423	1.52485	1
cg17260180	SLC13A5;SLC13A5	0.113668	0.32191	0.76152	-1.31316	0.384915	1.26766	1.26766	0.747883	0.917721	-1.08966	0.32738	0.764008	-1.30889	0.297692	0.750195	-1.33299	0.176893	1.46544	1.46544	0.0110946	2.33459	2.33459	0.188656	0.690176	-1.44891	0.692985	0.899744	-1.11143	2.42161	2.71853	0.997877	1
cg10728104	UFSP2;UFSP2	0.113668	0.572199	0.961136	-1.04044	0.0586114	1.15994	1.15994	0.470813	1.05227	1.05227	0.01643	1.22585	1.22585	0.382058	1.06424	1.06424	0.342906	1.07022	1.07022	0.780498	1.01959	1.01959	0.689849	1.02825	1.02825	0.0154315	1.22926	1.22926	2.42161	0.184991	0.0679039	1
cg16518266	DIRC3	0.113672	0.12507	0.668965	-1.49485	0.0168011	0.493349	-2.02696	0.0332633	0.547417	-1.82676	0.601047	0.880071	-1.13627	0.591883	0.877182	-1.14001	0.35568	1.25867	1.25867	0.285564	1.30809	1.30809	0.26762	0.756066	-1.32264	0.640941	0.892494	-1.12046	2.42157	2.2487	0.825432	1
cg02927804	FOXK2	0.113674	0.103317	0.734037	-1.36233	0.114585	1.3469	1.3469	0.111654	1.35076	1.35076	0.0530558	0.682855	-1.46444	0.92496	0.983784	-1.01648	0.251084	0.812126	-1.23134	0.163824	0.772717	-1.29413	0.446396	1.14418	1.14418	0.525275	1.11819	1.11819	2.42155	1.15497	0.423958	1
cg01778114	MREG	0.11368	0.69062	0.861733	-1.16045	0.299113	1.49226	1.49226	0.149636	0.562923	-1.77644	0.859994	0.93644	-1.06787	0.36821	0.709078	-1.41028	0.571554	0.80843	-1.23697	0.00586285	0.261454	-3.82477	0.0615427	0.456868	-2.18882	0.837003	0.926238	-1.07964	2.42149	5.30609	1.94778	1
cg08760073	CHKB-CPT1B;CHKB;LOC100144603;CHKB	0.113681	0.0195967	0.702424	-1.42364	0.917544	1.01305	1.01305	0.203342	1.18314	1.18314	0.378504	0.893006	-1.11981	0.213337	0.848634	-1.17836	0.922976	0.987961	-1.01219	0.0283742	0.723191	-1.38276	0.467196	1.09709	1.09709	0.262056	0.863752	-1.15774	2.42148	0.601578	0.22083	1
cg19470652	PARD3	0.113686	0.489775	0.859522	-1.16344	0.895523	0.97205	-1.02875	0.869983	1.03598	1.03598	0.728703	1.07802	1.07802	0.154705	0.719897	-1.38909	0.0814349	0.659204	-1.51698	0.00849003	0.484385	-2.06448	0.0399048	0.599015	-1.66941	0.827442	0.953989	-1.04823	2.42143	1.78537	0.655393	1
cg11399099	LOC222699	0.113687	0.110816	0.488044	-2.04899	0.0374507	2.71007	2.71007	0.0663913	0.427378	-2.33985	0.747163	1.14289	1.14289	0.179629	0.555167	-1.80126	0.419624	0.711429	-1.40562	0.72107	1.15954	1.15954	0.242138	1.65776	1.65776	0.349618	1.48817	1.48817	2.42142	6.53804	2.40007	1
cg22242408	FBXO11;FBXO11;FBXO11	0.113688	0.0289649	0.644758	-1.55097	0.786622	1.04734	1.04734	0.831881	0.964411	-1.0369	0.150876	0.769194	-1.30006	0.0293307	0.64562	-1.5489	0.689111	0.933748	-1.07095	0.556747	1.10663	1.10663	0.438036	1.14435	1.14435	0.141923	1.30887	1.30887	2.42141	1.11428	0.409047	1
cg20319484	PLXNA4	0.11369	0.243573	0.719004	-1.39081	0.0945099	1.64366	1.64366	0.440175	0.808286	-1.23719	0.0906215	0.604068	-1.65544	0.246209	1.38803	1.38803	0.154162	0.662031	-1.5105	0.0641932	1.75474	1.75474	0.772274	1.08162	1.08162	0.267788	1.3663	1.3663	2.4214	2.80339	1.02912	1
cg19023700	MKLN1;MKLN1	0.113693	0.171878	0.788516	-1.26821	0.0941418	1.35077	1.35077	0.380627	1.15827	1.15827	0.838393	0.967187	-1.03393	0.952494	1.00978	1.00978	0.0159018	0.617278	-1.62002	0.386606	0.865025	-1.15604	0.591687	1.09249	1.09249	0.156973	1.28056	1.28056	2.42137	1.0236	0.375764	1
cg04366994	INPP5A	0.113694	0.0804522	0.634693	-1.57556	0.948105	1.01538	1.01538	0.816381	0.946926	-1.05605	0.00931259	0.461426	-2.16719	0.254137	0.756391	-1.32207	0.720722	0.919279	-1.08781	0.669641	1.10586	1.10586	0.557224	1.14934	1.14934	0.0428171	0.578907	-1.72739	2.42136	2.10811	0.773897	1
cg08929083	ACOT13;TTRAP;ACOT13;ACOT13;ACOT13	0.113695	0.0121054	2.23406	2.23406	0.309866	0.76335	-1.31001	0.132383	0.658831	-1.51784	0.714588	1.09898	1.09898	0.609671	1.14147	1.14147	0.38536	1.25696	1.25696	0.725051	0.913252	-1.09499	0.874124	0.960078	-1.04158	0.0633447	1.71014	1.71014	2.42135	2.53235	0.929636	1
cg27345346	C19orf55	0.113696	0.0386019	2.65954	2.65954	0.511961	1.31201	1.31201	0.70727	1.16652	1.16652	0.325702	1.51334	1.51334	0.370843	1.45525	1.45525	0.233714	0.600655	-1.66485	0.714293	0.860604	-1.16198	0.00846645	3.94484	3.94484	0.383665	1.44011	1.44011	2.42134	6.39256	2.34675	1
cg09182189	NADK	0.113698	0.505258	0.878494	-1.13831	0.25069	1.2586	1.2586	0.0763721	1.45906	1.45906	0.906389	0.977709	-1.0228	0.0131298	0.554671	-1.80287	0.451294	1.15843	1.15843	0.138405	0.736612	-1.35757	0.617736	0.908087	-1.10122	0.974478	1.00615	1.00615	2.42132	1.40819	0.516959	1
cg17854265	SEC61G;SEC61G;SEC61G;SEC61G	0.113699	0.181712	0.824453	-1.21293	0.0376347	1.3887	1.3887	0.0743737	1.31089	1.31089	0.635217	0.936999	-1.06724	0.424453	1.11748	1.11748	0.536906	0.918383	-1.08887	0.109486	0.788509	-1.26822	0.173879	0.821195	-1.21774	0.598125	0.930133	-1.07512	2.42132	0.711023	0.261023	1
cg14185201	NRXN3	0.113699	0.0315228	0.241391	-4.14266	0.304237	1.82153	1.82153	?	?	?	0.807131	0.871229	-1.1478	0.145325	0.414231	-2.41411	0.347113	0.579471	-1.72571	0.844941	1.11668	1.11668	0.0229977	0.215973	-4.63021	0.168258	0.437123	-2.28769	2.44578	10.9371	4.47181	1
cg23003500	VIPR1	0.1137	0.06347	0.69694	-1.43484	0.812594	1.04195	1.04195	0.950638	0.989346	-1.01077	0.407872	0.863751	-1.15774	0.0948022	0.727855	-1.3739	0.355463	0.848354	-1.17875	0.56032	0.903133	-1.10726	0.111319	1.34998	1.34998	0.0161697	0.601061	-1.66372	2.42131	1.14793	0.421416	1
cg03105133	FKBP14	0.1137	0.0386322	0.650761	-1.53666	0.403533	1.16569	1.16569	0.480035	0.879178	-1.13743	0.247624	0.80509	-1.2421	0.0249187	0.619592	-1.61396	0.13627	0.749823	-1.33365	0.111118	0.732495	-1.3652	0.476911	1.13851	1.13851	0.529854	1.12092	1.12092	2.4213	1.23364	0.452882	1
cg17472120	ZSCAN12L1	0.1137	0.441089	0.767557	-1.30283	0.142447	0.588049	-1.70054	0.464571	0.778291	-1.28487	0.741334	1.11801	1.11801	0.116434	0.563004	-1.77618	0.0128388	0.353249	-2.83086	0.177417	1.62046	1.62046	0.142786	0.588353	-1.69966	0.517795	1.24708	1.24708	2.4213	4.34865	1.59644	1
cg02471310	BMPR1B	0.113701	0.0728563	0.261771	-3.82014	0.00993763	0.112912	-8.85644	0.0809832	0.273616	-3.65476	0.490236	0.625356	-1.59909	0.0381922	0.200047	-4.99883	0.202276	0.405849	-2.46397	0.10068	0.29987	-3.33478	0.532024	0.654428	-1.52805	0.355466	0.529039	-1.89022	2.42129	17.2058	6.31647	1
cg13322252	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.113703	0.485144	0.710696	-1.40707	0.0333166	0.30193	-3.31203	0.0399543	0.318817	-3.1366	0.50725	0.723314	-1.38253	0.0191832	0.255558	-3.913	0.14641	0.472104	-2.11818	0.37429	0.644637	-1.55126	0.379294	1.5438	1.5438	0.292117	0.590818	-1.69257	2.42127	8.88881	3.26323	1
cg14899145	MAEA;MAEA	0.113705	0.939909	0.982668	-1.01764	0.284713	0.772825	-1.29395	0.99735	1.00077	1.00077	0.0839146	0.641762	-1.55821	0.141173	0.692821	-1.44338	0.271995	0.767076	-1.30365	0.0139763	2.02171	2.02171	0.431447	1.20467	1.20467	0.677073	0.907443	-1.102	2.42126	2.0623	0.757109	1
cg04591230	SGCG	0.113708	0.136007	0.595931	-1.67805	0.105211	0.565307	-1.76895	0.51747	1.23546	1.23546	0.102198	1.77945	1.77945	0.281901	0.697457	-1.43378	0.829957	0.93305	-1.07175	0.0407727	0.467209	-2.14037	0.0683968	0.518195	-1.92977	0.660653	1.15297	1.15297	2.42123	3.98111	1.46155	1
cg23373072	KBTBD3;KBTBD3;AASDHPPT	0.113721	0.276364	0.858923	-1.16425	0.27744	1.16382	1.16382	0.548588	1.08494	1.08494	0.0967133	1.27751	1.27751	0.053678	1.34216	1.34216	0.131892	1.24412	1.24412	0.673597	1.05855	1.05855	0.0108286	1.53702	1.53702	0.449031	1.10918	1.10918	2.4211	0.691747	0.25397	1
cg13502346	PLEKHG3	0.113723	0.380266	0.690802	-1.44759	0.121204	0.501274	-1.99492	0.314203	0.651961	-1.53383	0.217887	0.587004	-1.70356	0.883371	1.06219	1.06219	0.0483639	2.52712	2.52712	0.0331491	2.78316	2.78316	0.396328	1.42902	1.42902	0.940242	1.03129	1.03129	2.42108	6.47689	2.37796	1
cg10898923	CSNK1G2	0.113724	0.601417	0.941939	-1.06164	0.271669	0.878213	-1.13868	0.944788	1.00789	1.00789	0.866788	1.01924	1.01924	0.15911	1.18624	1.18624	0.218041	1.15841	1.15841	0.136396	0.833505	-1.19975	0.79582	1.02987	1.02987	0.00943396	1.45269	1.45269	2.42107	0.493883	0.181328	1
cg06865749	ZC3H11A	0.113725	0.0983123	0.674863	-1.48178	0.369305	1.22138	1.22138	0.839819	0.957054	-1.04487	0.48015	1.16845	1.16845	0.917177	1.02282	1.02282	0.500596	0.862185	-1.15984	0.00658964	0.465245	-2.14941	0.882238	0.968361	-1.03267	0.251221	1.29694	1.29694	2.42107	1.80383	0.662271	1
cg07419396	ZFYVE28	0.113726	0.492722	1.53519	1.53519	0.0224105	5.38236	5.38236	0.030441	4.78293	4.78293	0.860518	0.897435	-1.11429	0.128726	0.364155	-2.74608	0.894175	0.921376	-1.08533	0.343857	0.548845	-1.82201	0.789269	1.17917	1.17917	0.454742	0.625951	-1.59757	2.42106	14.5155	5.32936	1
cg05003890	MYOM2	0.113729	0.757441	1.07963	1.07963	0.0546555	0.583257	-1.71451	0.0541323	0.582396	-1.71705	0.487229	0.839812	-1.19074	0.458492	0.829689	-1.20527	0.177972	0.701856	-1.42479	0.0354889	1.83214	1.83214	0.492219	1.18829	1.18829	0.649956	0.89315	-1.11963	2.42103	2.34559	0.861192	1
cg12883250	TMEM185A	0.11373	0.190047	0.358104	-2.79248	0.0874736	0.247611	-4.03858	0.568154	0.652556	-1.53244	0.149948	3.13315	3.13315	0.365482	0.502583	-1.98972	0.12664	0.294472	-3.39591	0.0263724	7.01807	7.01807	0.971864	0.974241	-1.02644	0.879691	0.893981	-1.11859	2.42102	20.9924	7.70744	1
cg00145969	FAM5C	0.113731	0.661905	1.0858	1.0858	0.250687	1.25176	1.25176	0.0484188	1.52482	1.52482	0.158235	1.32606	1.32606	0.922224	1.01844	1.01844	0.0184123	1.70746	1.70746	0.0226372	1.66629	1.66629	0.153255	1.33124	1.33124	0.849756	0.965144	-1.03612	2.42101	1.34204	0.492738	1
cg08486397	OSBPL5;OSBPL5;OSBPL5	0.113732	0.927621	1.01908	1.01908	0.951935	1.01262	1.01262	0.219253	0.764345	-1.30831	0.281829	1.26193	1.26193	0.645035	0.908021	-1.1013	0.909411	0.976603	-1.02396	0.00415428	0.44971	-2.22365	0.246293	0.777087	-1.28686	0.521283	1.14479	1.14479	2.421	1.65899	0.60911	1
cg27332938	ZNF511;TUBGCP2	0.113737	0.839998	0.905568	-1.10428	0.177495	0.494986	-2.02026	0.99583	1.00257	1.00257	0.329829	1.63794	1.63794	0.00637758	5.70804	5.70804	0.775347	0.86901	-1.15073	0.429314	0.673077	-1.48571	0.129037	2.2364	2.2364	0.840969	1.1036	1.1036	2.42096	9.23177	3.38958	1
cg18976191	RCVRN	0.11374	0.711038	1.20784	1.20784	0.431588	0.665421	-1.50281	0.0534319	0.328474	-3.04439	0.292397	0.574454	-1.74078	0.102666	0.404059	-2.47489	0.440357	0.670778	-1.49081	0.00691813	0.169687	-5.89322	0.708201	1.21021	1.21021	0.187345	0.492068	-2.03224	2.42092	9.87388	3.62538	1
ch.1.4812384F	EXO1;EXO1;EXO1	0.113742	0.0566923	0.35362	-2.82789	0.0520512	0.344694	-2.90112	0.0503616	0.341307	-2.92991	0.03482	0.305598	-3.27227	0.18397	0.506995	-1.97241	0.169858	0.494296	-2.02308	0.0258667	0.27945	-3.57846	0.338713	0.621727	-1.60842	0.411452	0.667152	-1.49891	2.42091	8.90488	3.26962	1
cg08182193	CRIP2	0.113744	0.076778	0.270667	-3.69458	0.0934561	0.293741	-3.40436	0.0553796	0.236471	-4.22884	0.448561	0.598817	-1.66996	0.0393064	0.205296	-4.87101	0.226143	0.43003	-2.32542	0.0284446	0.179583	-5.56845	0.041286	0.209501	-4.77325	0.630935	0.725132	-1.37906	2.42088	16.9042	6.20679	1
cg01816997	CDC5L	0.113745	0.140878	5.79165	5.79165	0.105586	0.13186	-7.5838	0.301089	0.332589	-3.00672	?	?	?	?	?	?	?	?	?	0.12791	6.32829	6.32829	0.130234	0.160672	-6.22385	?	?	?	4.78928	31.1063	3.89699	1
cg05629186	ZNF391	0.113745	0.975593	1.00248	1.00248	0.150116	0.88269	-1.1329	0.565451	0.954093	-1.04812	0.134456	0.877625	-1.13944	0.0410706	1.21005	1.21005	0.150545	0.882823	-1.13273	0.559007	1.04895	1.04895	0.28376	0.913865	-1.09425	0.0824243	1.16836	1.16836	2.42087	0.250829	0.0920985	1
cg17894435	PCNXL2	0.113746	0.241314	0.705878	-1.41667	0.950305	0.982456	-1.01786	0.261912	0.717333	-1.39405	0.635734	1.14511	1.14511	0.00744035	0.37574	-2.66142	0.587988	0.85613	-1.16805	0.742829	1.09801	1.09801	0.275972	1.37964	1.37964	0.0695073	0.56183	-1.7799	2.42087	3.09201	1.13531	1
cg22376805	PROX1	0.113747	0.0428197	0.147471	-6.781	0.335695	0.442607	-2.25934	0.835006	0.842617	-1.18678	0.182602	0.313081	-3.19406	0.0293634	0.121608	-8.22315	0.0946669	0.221315	-4.51844	0.0162228	0.0894548	-11.1788	0.396655	0.490347	-2.03937	0.120345	0.250734	-3.98828	2.42086	25.8462	9.4902	1
cg15652120	ELK3;ELK3	0.113747	0.0395132	1.39074	1.39074	0.880946	0.979455	-1.02098	0.953271	0.991916	-1.00815	0.326197	0.869005	-1.15074	0.040584	1.38754	1.38754	0.0592257	1.34315	1.34315	0.137084	0.801062	-1.24834	0.802421	1.03534	1.03534	0.666088	1.06198	1.06198	2.42085	0.735592	0.270095	1
cg15768270	NUDT22;TRPT1;TRPT1;NUDT22;TRPT1;NUDT22;TRPT1;TRPT1;TRPT1	0.113748	0.0397949	0.668426	-1.49605	0.693643	1.0694	1.0694	0.0612009	1.42978	1.42978	0.922736	0.983693	-1.01658	0.963764	1.00773	1.00773	0.0198497	1.61059	1.61059	0.324494	1.18821	1.18821	0.977649	1.00476	1.00476	0.900583	0.979041	-1.02141	2.42085	1.1013	0.404374	1
cg00871019	IPMK;CISD1	0.113749	0.320548	0.838561	-1.19252	0.666684	0.928363	-1.07716	0.257399	1.22477	1.22477	0.322758	0.839279	-1.1915	0.00487315	1.89692	1.89692	0.891043	1.02379	1.02379	0.609852	0.9155	-1.0923	0.949593	0.989213	-1.0109	0.445567	0.875121	-1.1427	2.42084	1.12827	0.41428	1
cg06361793	SLC17A3;SLC17A3	0.113754	0.0386005	0.161074	-6.20832	0.0156556	0.10455	-9.5648	0.0772871	0.22383	-4.46767	0.529321	1.62528	1.62528	0.245355	0.396109	-2.52456	0.732044	1.29946	1.29946	0.107107	0.261706	-3.82108	0.264995	0.412567	-2.42385	0.398728	0.517645	-1.93183	2.42079	22.2692	8.17704	1
cg18222240	ARMS2	0.113755	0.128149	1.62537	1.62537	0.903178	1.03659	1.03659	0.760639	1.09443	1.09443	0.3333	1.34276	1.34276	0.561137	1.18951	1.18951	0.686917	1.12711	1.12711	0.0079507	0.36605	-2.73187	0.86113	1.05307	1.05307	0.139903	0.62558	-1.59852	2.42078	3.34398	1.22788	1
cg25525068	ANKRD34C	0.113759	0.570169	0.893429	-1.11928	0.0258162	0.594663	-1.68162	0.139113	1.36701	1.36701	0.693788	1.08081	1.08081	0.724902	1.07185	1.07185	0.0465423	1.56464	1.56464	0.124549	1.3862	1.3862	0.289701	1.24086	1.24086	0.911854	0.978489	-1.02198	2.42075	1.47852	0.542908	1
cg01089589	ATP6V1C2;ATP6V1C2	0.11376	0.833925	1.03158	1.03158	0.487776	0.900881	-1.11002	0.0161568	0.646777	-1.54613	0.804603	1.03739	1.03739	0.858077	0.973843	-1.02686	0.592054	1.08339	1.08339	0.0253243	1.48246	1.48246	0.288523	1.17722	1.17722	0.465431	0.895836	-1.11628	2.42073	0.840632	0.308679	1
cg04581613	TELO2	0.113768	0.0116938	0.434985	-2.29893	0.216063	0.708929	-1.41058	0.657165	0.88867	-1.12528	0.832757	0.945657	-1.05747	0.0986425	1.61368	1.61368	0.626893	0.878588	-1.13819	0.519252	0.841443	-1.18844	0.114791	1.57326	1.57326	0.623684	0.877511	-1.13959	2.42066	2.6767	0.982909	1
cg23951526	GPRIN1	0.113768	0.156405	0.590245	-1.69421	0.279404	0.677513	-1.47599	0.0254502	0.390857	-2.55848	0.552716	1.23006	1.23006	0.0229283	0.3815	-2.62124	0.995659	0.99813	-1.00187	0.712484	0.880318	-1.13595	0.400062	1.34652	1.34652	0.0846353	0.513358	-1.94796	2.56557	4.71122	1.42826	1
cg12076692	GNB1	0.113768	0.10867	0.391481	-2.5544	0.931785	0.955151	-1.04696	0.398647	1.58907	1.58907	0.98425	1.01064	1.01064	0.0381832	0.275908	-3.6244	0.0338527	0.26505	-3.77288	0.0244532	0.237686	-4.20722	0.689399	0.806279	-1.24027	0.705194	0.815699	-1.22594	2.42066	11.013	4.0441	1
cg10394610	SAG	0.11377	0.37917	1.13462	1.13462	0.159623	0.810284	-1.23414	0.137386	0.79933	-1.25105	0.0105443	0.637357	-1.56898	0.0398336	0.717026	-1.39465	0.411948	0.889197	-1.12461	0.357464	0.875921	-1.14165	0.17409	0.816759	-1.22435	0.265123	0.849952	-1.17654	2.42064	0.751283	0.27588	1
cg16235034	FRMPD1	0.113773	0.557954	0.878903	-1.13778	0.616827	0.895925	-1.11616	0.0232723	0.553894	-1.8054	0.787926	0.942953	-1.0605	0.0721776	0.645856	-1.54833	0.983251	1.00458	1.00458	0.021649	0.548429	-1.82339	0.0329311	0.580733	-1.72196	0.689349	0.916185	-1.09148	2.42061	1.81946	0.668137	1
cg16334456	CDC42BPB	0.113774	0.247501	0.683608	-1.46283	0.183644	0.641611	-1.55858	0.195052	0.649748	-1.53906	0.288697	0.707166	-1.4141	0.131226	0.598922	-1.66967	0.0106803	0.364365	-2.7445	0.398482	0.761894	-1.31252	0.013471	0.381985	-2.61791	0.633496	0.859747	-1.16313	2.42061	3.79407	1.39325	1
cg18624016	SNED1	0.113775	0.371676	1.54843	1.54843	0.222328	0.542608	-1.84295	0.985078	1.00895	1.00895	0.35894	1.56779	1.56779	0.589279	0.771186	-1.2967	0.191568	0.517329	-1.93301	0.00713906	0.190853	-5.23963	0.347913	1.58517	1.58517	0.532552	1.35167	1.35167	2.42059	8.71159	3.19906	1
cg06164660	TMEM132C	0.113777	0.559486	1.43875	1.43875	0.122435	0.352412	-2.83759	0.916656	0.937615	-1.06654	0.597275	0.719971	-1.38894	0.0350727	0.21269	-4.70169	0.227033	0.455529	-2.19525	0.0161877	0.154203	-6.48496	0.607252	1.37638	1.37638	0.325182	1.87431	1.87431	2.56547	15.0614	4.56619	1
cg15648859	NCOR2;NCOR2	0.11378	0.850306	1.13076	1.13076	0.0137022	7.26218	7.26218	0.0369368	4.83621	4.83621	0.86354	1.11839	1.11839	0.0762657	0.277229	-3.60713	0.437012	1.67485	1.67485	0.72287	1.26062	1.26062	0.975896	0.98054	-1.01985	0.799665	1.17987	1.17987	2.42055	16.2189	5.95601	1
cg15393297	GABRB1	0.113782	0.149135	1.42241	1.42241	0.689244	1.09588	1.09588	0.841718	0.955481	-1.04659	0.187447	1.37465	1.37465	0.00673944	2.22581	2.22581	0.345661	1.24759	1.24759	0.034888	1.75068	1.75068	0.445745	1.19368	1.19368	0.743373	0.927905	-1.0777	2.42053	1.98875	0.730329	1
cg06521970	SKI	0.113785	0.288744	1.58382	1.58382	0.0579181	2.44762	2.44762	0.0353536	2.782	2.782	0.983239	0.991267	-1.00881	0.346751	0.66727	-1.49864	0.855199	0.926561	-1.07926	0.581505	0.792592	-1.26168	0.0191943	3.26434	3.26434	0.782595	1.12243	1.12243	2.4205	6.68355	2.45442	1
cg09526886	SLC25A3;SLC25A3;SLC25A3;SLC25A3	0.113786	0.507165	1.17613	1.17613	0.00955931	0.453325	-2.20592	0.441065	1.20852	1.20852	0.210622	0.727594	-1.37439	0.0413115	0.56699	-1.7637	0.221653	0.733674	-1.363	0.990473	0.997126	-1.00288	0.374368	0.802662	-1.24585	0.905232	1.02913	1.02913	2.42049	2.22807	0.818228	1
cg23856540	ZNF317;ZNF317	0.113787	0.52336	0.915617	-1.09216	0.102245	1.27603	1.27603	0.908973	1.01571	1.01571	0.249555	1.17825	1.17825	0.69737	1.05471	1.05471	0.0529368	0.740954	-1.34961	0.0218295	0.687204	-1.45517	0.393007	1.12667	1.12667	0.694663	0.947648	-1.05524	2.42048	0.712215	0.261551	1
cg00166275	C18orf1;C18orf1	0.113787	0.242283	1.33809	1.33809	0.130898	0.678292	-1.47429	0.0197738	0.511803	-1.95388	0.158721	1.43121	1.43121	0.842028	0.953621	-1.04863	0.439115	1.20659	1.20659	0.16545	1.42199	1.42199	0.299669	1.29149	1.29149	0.72316	0.918838	-1.08833	2.42048	2.17115	0.797325	1
cg10858568	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.113792	0.4026	0.894855	-1.1175	0.351879	0.883155	-1.1323	0.399204	1.11844	1.11844	0.299427	0.869813	-1.14967	0.788956	1.03541	1.03541	0.347907	1.13354	1.13354	0.0050348	0.61807	-1.61794	0.20937	0.842315	-1.1872	0.796646	1.03406	1.03406	2.42043	0.644812	0.236804	1
cg15357078	WDR86	0.113794	0.795102	0.882144	-1.1336	0.479295	1.41416	1.41416	0.0420745	0.323487	-3.09131	0.760645	1.15861	1.15861	0.00549201	0.172199	-5.80724	0.923221	0.954613	-1.04755	0.887105	0.933843	-1.07084	0.602483	1.28814	1.28814	0.596514	0.773021	-1.29363	2.42042	8.90024	3.26858	1
cg06558372	LEPR;LEPR;LEPR	0.113795	0.0298841	0.614353	-1.62773	0.66173	1.08757	1.08757	0.943409	0.986556	-1.01363	0.140926	1.35248	1.35248	0.432299	1.16509	1.16509	0.834016	0.960781	-1.04082	0.0177616	1.73255	1.73255	0.356832	1.19804	1.19804	0.541116	1.1252	1.1252	2.42041	1.39354	0.511773	1
cg25725823	TNFRSF18;TNFRSF18;TNFRSF18	0.113796	0.103319	3.40516	3.40516	0.548959	1.51746	1.51746	0.475714	1.64668	1.64668	0.537856	1.53568	1.53568	0.0729662	3.95664	3.95664	0.0574338	4.38354	4.38354	0.00520462	12.6259	12.6259	0.506418	1.5898	1.5898	0.301757	2.08706	2.08706	2.4204	18.1293	6.65799	1
cg24710520	HLA-C	0.113796	0.847278	1.08944	1.08944	0.587621	0.784076	-1.27539	0.894808	1.06053	1.06053	0.466621	1.38974	1.38974	0.0449241	0.359697	-2.78011	0.00681658	0.210708	-4.74591	0.230281	0.571695	-1.74918	0.200491	0.548406	-1.82347	0.985289	0.991843	-1.00822	2.42039	7.56599	2.77861	1
cg21275967	ATF7IP	0.113797	0.196118	0.82909	-1.20614	0.578188	1.08006	1.08006	0.505642	1.09703	1.09703	0.919497	0.986234	-1.01396	0.228774	0.840983	-1.18908	0.08802	0.772491	-1.29451	0.00541675	0.605409	-1.65177	0.41301	0.891587	-1.1216	0.976042	0.995891	-1.00413	2.42039	0.72067	0.264667	1
cg18013299	CPSF7;CPSF7;CPSF7	0.113801	0.134237	0.500198	-1.99921	0.820472	0.907097	-1.10242	0.502579	0.746861	-1.33894	0.0880155	0.445926	-2.24252	0.153728	0.519361	-1.92544	0.0350048	0.34861	-2.86853	0.204881	0.56337	-1.77503	0.85063	0.922315	-1.08423	0.00834151	0.235479	-4.24666	2.42035	7.05369	2.59051	1
cg05753993	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.113804	0.0834942	0.281946	-3.54678	0.653211	0.741642	-1.34836	0.541369	0.664587	-1.50469	0.271444	0.469259	-2.13102	0.0113028	0.122878	-8.13815	0.112	0.31864	-3.13834	0.018988	0.153051	-6.53378	0.202848	0.411294	-2.43135	0.239657	0.443213	-2.25625	2.42032	16.7414	6.14844	1
cg05980083	PTPN3;PTPN3;PTPN3;PTPN3;PTPN3;PTPN3;PTPN3;PTPN3	0.113808	0.350567	1.29319	1.29319	0.0024139	3.09797	3.09797	0.743247	1.09194	1.09194	0.710204	1.10504	1.10504	0.94353	0.981222	-1.01914	0.6961	1.11076	1.11076	0.270837	1.35905	1.35905	0.818221	0.940253	-1.06354	0.598961	0.867614	-1.15259	2.42028	2.74495	1.00813	1
cg27412680	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.113809	0.174675	1.16711	1.16711	0.0503253	1.26973	1.26973	0.0290026	1.3172	1.3172	0.180208	1.16454	1.16454	0.398522	0.91163	-1.09694	0.44383	0.919833	-1.08715	0.342286	0.900566	-1.11041	0.228777	1.14476	1.14476	0.168063	1.17028	1.17028	2.42028	0.439172	0.161294	1
cg13890379	DOK6	0.11381	0.332453	1.77487	1.77487	0.0902898	0.342619	-2.91869	0.774301	1.17937	1.17937	0.374133	1.68791	1.68791	0.0405341	0.257347	-3.88581	0.0976569	0.352462	-2.83719	0.0401573	0.256491	-3.89877	0.794134	1.16191	1.16191	0.697948	1.25081	1.25081	2.42026	12.6217	4.63556	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg27120228	PKNOX1	0.11381	0.264876	0.76412	-1.3087	0.0156258	0.503458	-1.98626	0.0211341	0.526289	-1.9001	0.785745	0.938863	-1.06512	0.132537	0.686747	-1.45614
cg00587834	GRM2;GRM2	0.113811	0.975801	1.02238	1.02238	0.00460641	15.6621	15.6621	0.0299136	6.44883	6.44883	0.837549	0.860888	-1.16159	0.719134	1.30146	1.30146
cg02459866	FUS;FUS;FUS;FUS	0.113812	0.779588	1.2031	1.2031	0.169054	2.62646	2.62646	0.470926	0.616712	-1.6215	0.0814974	3.56989	3.56989	0.101913	0.307301	-3.25414
cg26856322	ATP1B1;ATP1B1;ATP1B1;ATP1B1	0.113812	0.0600189	0.695495	-1.43783	0.0327089	0.652006	-1.53373	0.74784	0.946288	-1.05676	0.11764	0.74762	-1.33758	0.025961	0.636093	-1.5721
cg09555879	GRIK5;GRIK5	0.113815	0.0898142	0.39685	-2.51985	0.647606	0.796561	-1.2554	0.769258	1.15648	1.15648	0.764959	0.86227	-1.15973	0.0309464	0.285908	-3.49763
cg00211489	MRPL42P5	0.113818	0.0747954	0.265576	-3.7654	0.0869171	0.282786	-3.53624	0.132091	0.337617	-2.96194	0.205186	0.409414	-2.44252	0.00665031	0.095093	-10.516
cg02406084	KBTBD2	0.113819	0.972317	1.00599	1.00599	0.194685	1.26624	1.26624	0.0101812	1.74644	1.74644	0.427325	1.14965	1.14965	0.278181	1.21413	1.21413
cg08828733	NELL2;NELL2;NELL2;NELL2;NELL2	0.11382	0.160718	0.433485	-2.30689	0.241567	1.98154	1.98154	0.872793	1.09351	1.09351	0.792259	0.863069	-1.15866	0.0658083	0.316108	-3.16347
cg00819078	FAM134B	0.113822	0.271708	1.47631	1.47631	0.342093	1.39551	1.39551	0.533668	1.23939	1.23939	0.620308	1.18534	1.18534	0.15353	1.68247	1.68247
cg09872934	SGK1;SGK1;SGK1;SGK1	0.113823	0.0210126	0.547034	-1.82804	0.793433	0.944571	-1.05868	0.876192	1.03446	1.03446	0.4794	0.855357	-1.1691	0.32735	1.24571	1.24571
cg06164260	BCL6;BCL6	0.113823	0.027171	0.474816	-2.10608	0.238733	0.703633	-1.42119	0.0350263	0.496742	-2.01312	0.0618839	0.54939	-1.8202	0.35136	0.760924	-1.31419
cg06969129	FSCN1	0.113824	0.229258	1.65966	1.65966	0.00754653	3.9763	3.9763	0.0696952	2.25824	2.25824	0.548819	1.27583	1.27583	?	?	?
cg02067846	PLCD1	0.113825	0.772669	0.636167	-1.57191	0.632766	0.471559	-2.12062	0.0422254	38.6234	38.6234	0.269078	0.165753	-6.03308	0.389662	0.252466	-3.96093
cg01533585	COL11A2;COL11A2;COL11A2	0.113827	0.0109845	0.261476	-3.82444	0.738591	0.86867	-1.15118	0.141489	0.514465	-1.94377	0.0841375	0.447847	-2.23291	0.0390609	0.366402	-2.72924
cg04637490	XAGE5	0.113828	0.322817	0.694789	-1.43929	0.410135	0.740564	-1.35032	0.0416812	0.4329	-2.31	0.789618	0.909054	-1.10004	0.0230199	0.379308	-2.63638
cg02902975	LRRC36;KCTD19	0.113829	0.933822	1.02611	1.02611	0.19089	1.53706	1.53706	0.215169	1.49924	1.49924	0.311793	1.38373	1.38373	0.696473	0.885434	-1.12939
cg07670516	ZNF232	0.113829	0.129901	2.11174	2.11174	0.188004	1.8916	1.8916	0.932415	1.03952	1.03952	0.0694901	0.395454	-2.52874	0.20106	0.539577	-1.8533
cg20623763	ACAD10;ACAD10;ACAD10;ACAD10;BRAP	0.113832	0.35214	0.85624	-1.1679	0.308463	1.18633	1.18633	0.51743	1.11224	1.11224	0.464314	0.886278	-1.12831	0.992798	0.998538	-1.00146
cg11558856	IL2RB	0.113833	0.253325	0.807147	-1.23893	0.309286	1.20799	1.20799	0.015053	0.584735	-1.71018	0.877228	0.972619	-1.02815	0.0585064	0.681226	-1.46794
cg23689357	COL4A5;COL4A5;COL4A5;COL4A6;COL4A6	0.113834	0.0292687	0.171573	-5.82842	0.725957	0.78542	-1.2732	0.351644	0.517928	-1.93077	0.465847	1.66427	1.66427	0.0934398	0.281838	-3.54814
cg03344782	OC90	0.113834	0.943002	1.01553	1.01553	0.9457	0.98543	-1.01479	0.0947971	0.673259	-1.48531	0.708981	1.08414	1.08414	0.749331	0.933255	-1.07152
cg17024482	ANKFN1	0.113835	0.139106	0.513189	-1.9486	0.0343959	0.355584	-2.81228	0.650698	0.826124	-1.21047	0.757073	0.878079	-1.13885	0.0817231	0.445573	-2.2443
cg26938013	RAD51L1	0.113835	0.044816	0.459842	-2.17466	0.00918688	0.327663	-3.05192	0.354164	0.72502	-1.37927	0.881015	1.05182	1.05182	0.220751	0.647746	-1.54382
cg09845145	TBC1D2B;TBC1D2B	0.113835	0.586563	0.924333	-1.08186	0.455513	1.11506	1.11506	0.23738	1.19407	1.19407	0.982831	0.996921	-1.00309	0.814412	0.966867	-1.03427
cg00930707	RNPEP	0.113836	0.840669	1.06556	1.06556	0.90641	1.0378	1.0378	0.540078	1.21614	1.21614	0.0197777	2.4299	2.4299	0.304226	0.714861	-1.39887
cg21577626	EPHB6	0.113836	0.0352708	0.620102	-1.61264	0.50525	1.14084	1.14084	0.0887506	0.693563	-1.44183	0.798265	0.951307	-1.05119	0.558657	0.891126	-1.12218
cg13422804	AGPAT2;AGPAT2	0.113838	0.398385	0.78707	-1.27054	0.109869	0.617164	-1.62032	0.129658	0.635476	-1.57362	0.0282867	2.04848	2.04848	0.223061	0.701498	-1.42552
cg13722539	PRDX5;PRDX5;TRMT112;PRDX5	0.113839	0.12716	0.601534	-1.66242	0.209636	1.50289	1.50289	0.0150215	2.51183	2.51183	0.636194	1.15813	1.15813	0.159806	0.629529	-1.58849
cg03408433	CMKLR1;CMKLR1;CMKLR1	0.11384	0.0882586	0.31267	-3.19826	0.014756	0.156495	-6.38999	0.00980222	0.132891	-7.52496	0.427071	0.605788	-1.65074	0.181277	0.415937	-2.40421
cg10398905	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L;LMAN2L	0.11384	0.412403	0.689567	-1.45019	0.0344717	0.334946	-2.98556	0.184539	0.535681	-1.86678	0.729489	0.857303	-1.16645	0.0916921	0.43885	-2.27868
cg16353413	CENPB	0.113841	0.231265	0.746378	-1.3398	0.5971	1.13232	1.13232	0.101848	1.51768	1.51768	0.0153998	0.500232	-1.99907	0.588278	0.880448	-1.13579
cg15411118	ADCK5	0.113841	0.329134	1.2097	1.2097	0.611953	1.10153	1.10153	0.146207	0.744646	-1.34292	0.236947	1.26392	1.26392	0.00903565	1.87253	1.87253
cg02131862	KRTAP24-1	0.113842	0.0293637	0.201925	-4.95233	0.293914	0.507264	-1.97136	0.0735444	0.288286	-3.46877	0.195384	0.425807	-2.34848	0.0189147	0.169955	-5.88392
cg07570498	PHC2;PHC2	0.113843	0.686616	0.894954	-1.11738	0.187819	0.68255	-1.46509	0.122119	0.632242	-1.58167	0.203267	1.4441	1.4441	0.978267	0.992574	-1.00748
cg07505964	SKA2;SKA2;MIR301A	0.113844	0.0330773	0.261797	-3.81975	0.134639	0.419996	-2.38097	0.391486	0.623634	-1.6035	0.542062	0.717536	-1.39366	0.0204726	0.222703	-4.49029
cg25099021	FN1;FN1;FN1;FN1;FN1;FN1	0.113849	0.0515895	0.567418	-1.76237	0.0950096	0.625496	-1.59873	0.0658304	0.589837	-1.69538	0.254273	0.737523	-1.35589	0.0682405	0.593225	-1.6857
cg05346902	MEIS3;MEIS3	0.113851	0.369391	0.877408	-1.13972	0.995877	0.999267	-1.00073	0.131191	0.79358	-1.26011	0.27483	1.1749	1.1749	0.413921	0.888259	-1.1258
cg07411420	ERC2	0.113854	0.268101	0.700189	-1.42819	0.0239181	0.434939	-2.29918	0.0114512	0.376226	-2.65798	0.141027	0.613155	-1.63091	0.149419	0.62028	-1.61218
cg17542225	HMMR;HMMR;HMMR;NUDCD2;HMMR	0.113854	0.191887	0.788737	-1.26785	0.969615	0.993478	-1.00656	0.850278	1.033	1.033	0.0255391	0.633917	-1.57749	0.750547	0.946682	-1.05632
cg16808481	TES;TES	0.113856	0.222232	0.433083	-2.30903	0.0110147	0.124873	-8.00813	0.102324	0.311525	-3.21001	0.539942	1.49897	1.49897	0.224235	0.434808	-2.29987
cg02289689	U2AF1L4;PSENEN;U2AF1L4	0.113858	0.656038	0.934593	-1.06998	0.0811928	1.33873	1.33873	0.175515	1.24281	1.24281	0.0442068	1.41737	1.41737	0.318621	0.855956	-1.16828
cg26104475	LCP2	0.113859	0.0657658	0.374878	-2.66753	0.0422821	0.329043	-3.03912	0.094921	0.418081	-2.39188	0.59331	1.29196	1.29196	0.0194062	0.261035	-3.83091
cg26003785	NXN	0.11386	0.465053	1.15225	1.15225	0.139064	1.35456	1.35456	0.148783	1.34333	1.34333	0.336898	1.2077	1.2077	0.179424	1.31233	1.31233
cg13187778	MAGED1;MAGED1;MAGED1	0.113861	0.0184529	0.356631	-2.80402	0.714985	0.876083	-1.14144	0.934229	1.03022	1.03022	0.324943	0.693041	-1.44292	0.126236	0.550594	-1.81622
cg11071900	ANKIB1	0.113863	0.371854	0.78663	-1.27125	0.164416	0.678207	-1.47448	0.0321459	0.518442	-1.92885	0.863307	1.04614	1.04614	0.0243135	2.01909	2.01909
cg12498409	C7orf10;C7orf11	0.113864	0.776774	1.03519	1.03519	0.0670076	1.28376	1.28376	0.604338	1.06567	1.06567	0.104022	1.24142	1.24142	0.152176	1.20517	1.20517
cg23413369	AFAP1;AFAP1	0.113867	0.844095	1.0515	1.0515	0.0147952	0.465352	-2.14891	0.309661	0.764783	-1.30756	0.0881452	1.61604	1.61604	0.532781	0.851164	-1.17486
cg20573420	ZNF792	0.113867	0.751354	1.09738	1.09738	0.111421	0.602382	-1.66008	0.0156343	0.420471	-2.37828	0.915758	0.969543	-1.03141	0.0734118	0.557922	-1.79237
cg14993439	UHRF1;UHRF1	0.113867	0.0702869	0.586011	-1.70645	0.273228	1.35145	1.35145	0.957992	1.01401	1.01401	0.278917	1.34629	1.34629	0.028449	0.505086	-1.97986
cg00005112	WWP2;WWP2	0.113868	0.118635	0.400347	-2.49783	0.0328019	0.259393	-3.85515	0.125831	0.408564	-2.44759	0.495246	0.687824	-1.45386	0.0372266	0.270674	-3.69449
cg22995106	SF3B3;COG4	0.11387	0.0936846	0.632843	-1.58017	0.105308	1.55149	1.55149	0.266746	0.750375	-1.33267	0.929597	0.978306	-1.02217	0.0176926	0.488684	-2.04631
cg08208595	PACS2;PACS2	0.113875	0.283813	0.807479	-1.23842	0.815463	0.956096	-1.04592	0.406106	1.1773	1.1773	0.122759	0.725325	-1.37869	0.340641	0.828129	-1.20754
cg01931797	KCTD21;USP35	0.113876	0.0207787	0.629148	-1.58945	0.867026	0.972485	-1.02829	0.347039	0.85111	-1.17494	0.957921	1.00882	1.00882	0.952953	1.00987	1.00987
cg22369288	PBOV1;KIAA1244;PBOV1	0.113877	0.886782	0.95334	-1.04894	0.597783	1.19552	1.19552	0.0140163	2.7664	2.7664	0.650495	1.16531	1.16531	0.0593853	0.489759	-2.04182
cg19810715	MSI2;MSI2	0.113878	0.380235	0.604643	-1.65387	0.00936504	0.158526	-6.30812	0.0425992	0.271194	-3.6874	0.835152	0.890051	-1.12353	0.0881955	0.349367	-2.86232
cg09284708	MOCS1;MOCS1	0.113881	0.874253	1.06301	1.06301	0.479986	1.31917	1.31917	0.038705	2.51839	2.51839	0.247514	1.59431	1.59431	0.0604162	2.2635	2.2635
cg18074820	IGF1R	0.113882	0.328673	0.652214	-1.53324	0.931985	0.96446	-1.03685	0.820036	1.10142	1.10142	0.217737	0.577135	-1.7327	0.00903424	0.244913	-4.08308
cg23300486	TRAF3;TRAF3;TRAF3	0.113882	0.196105	1.73367	1.73367	0.0148683	3.33973	3.33973	0.124031	0.511483	-1.9551	0.940833	1.03033	1.03033	0.613757	0.814764	-1.22735
cg14990413	RNF144A	0.113883	0.852585	1.11977	1.11977	0.00896297	7.54831	7.54831	0.0111895	6.91168	6.91168	0.736414	1.22807	1.22807	0.576419	1.40945	1.40945
cg05779300	PURG;PURG;PURG;WRN	0.113884	0.123675	1.6883	1.6883	0.681348	1.13846	1.13846	0.862053	0.946839	-1.05615	0.144003	1.63724	1.63724	0.72143	1.11901	1.11901
cg19348001	PFKFB4	0.113884	0.895442	1.01959	1.01959	0.00835585	1.64415	1.64415	0.283157	1.17883	1.17883	0.864377	0.975093	-1.02554	0.504606	1.10506	1.10506
cg08363339	SLMO2	0.11389	0.0770876	0.0887026	-11.2736	0.105891	0.113428	-8.81619	0.384854	0.333541	-2.99814	0.433404	0.373379	-2.67824	0.0512522	0.0648601	-15.4178
cg03559836	CPSF6	0.11389	0.210015	0.689039	-1.4513	0.0119424	0.412962	-2.42153	0.365715	0.769494	-1.29956	0.854456	0.949546	-1.05314	0.185723	0.673265	-1.4853
cg14168009	CARD11	0.113892	0.227377	0.672814	-1.4863	0.466609	0.793209	-1.2607	0.943959	0.978256	-1.02223	0.387249	0.757947	-1.31935	0.00552764	0.31973	-3.12764
cg01200060	SCRT2	0.113893	0.279549	0.858873	-1.16432	0.0480664	0.736547	-1.35769	0.337869	1.14305	1.14305	0.0775984	0.766857	-1.30402	0.662377	1.06126	1.06126
cg25050447	CARD14;CARD14	0.113893	0.0467268	0.18925	-5.284	0.154889	0.328586	-3.04334	0.561859	0.651306	-1.53538	0.483321	0.594044	-1.68338	0.0170639	0.119325	-8.3805
cg17831554	SKIV2L2	0.113893	0.799122	1.06362	1.06362	0.0495336	0.581585	-1.71944	0.109341	0.655559	-1.52542	0.601052	0.8802	-1.13611	0.790431	0.93761	-1.06654
cg06351831	SCAI;SCAI	0.113895	0.872667	1.0264	1.0264	0.671599	0.933073	-1.07173	0.0220883	1.56183	1.56183	0.267375	1.20646	1.20646	0.203767	1.24345	1.24345
cg21448057	SLITRK1	0.113895	0.289208	0.725438	-1.37848	0.483928	1.23066	1.23066	0.0296878	2.11005	2.11005	0.0239581	0.455716	-2.19435	0.702279	1.11857	1.11857
cg13982454	PRTG	0.113896	0.00723442	2.20901	2.20901	0.416523	1.20912	1.20912	0.329262	1.25893	1.25893	0.429474	0.831566	-1.20255	0.463703	0.843189	-1.18597
cg09351471	TAP2;TAP2	0.113897	0.0326586	0.277177	-3.6078	0.646333	0.788876	-1.26763	0.189472	0.489972	-2.04093	0.0718186	0.356429	-2.80561	0.0101075	0.189063	-5.28923
cg07536102	GALR2	0.113897	0.332871	0.688876	-1.45164	0.664037	1.1771	1.1771	0.571552	1.23777	1.23777	0.958795	0.980908	-1.01946	0.113155	0.525576	-1.90268
cg19032492	CHD3;CHD3;CHD3	0.113899	0.803785	1.16082	1.16082	0.210262	0.453432	-2.2054	0.814463	1.15123	1.15123	0.236091	0.47532	-2.10385	0.00314866	0.089131	-11.2194
cg05563388	ARHGEF16	0.113901	0.843877	0.969039	-1.03195	0.16803	1.26408	1.26408	0.67358	1.06991	1.06991	0.277622	0.835196	-1.19732	0.27922	1.19655	1.19655
cg11732197	KIAA1462	0.113904	0.280877	1.34412	1.34412	0.485312	0.829371	-1.20573	0.79238	0.932762	-1.07209	0.227316	0.715755	-1.39713	0.125236	0.645422	-1.54937
cg05704196	SH2D5;SH2D5	0.113906	0.767671	1.04936	1.04936	0.310863	1.18595	1.18595	0.0711844	1.38792	1.38792	0.236095	1.22377	1.22377	0.857159	0.971121	-1.02974
cg14231471	GPHN;GPHN	0.113906	0.589259	1.1542	1.1542	0.0244284	0.493878	-2.02479	0.0738009	0.591956	-1.68932	0.49801	1.19841	1.19841	0.834761	0.946526	-1.05649
cg15601859	CECR5;CECR5	0.113907	0.419692	1.11496	1.11496	0.581834	0.929218	-1.07617	0.0602851	0.756038	-1.32268	0.895385	1.01752	1.01752	0.0686595	0.764159	-1.30863
cg01986123	ARL4A;ARL4A;ARL4A	0.113908	0.821976	1.07039	1.07039	0.517923	0.820479	-1.2188	0.574792	1.18661	1.18661	0.726309	0.899351	-1.11191	0.101735	1.71734	1.71734
cg08510718	IQSEC1	0.11391	0.15229	0.603637	-1.65663	0.570314	1.20783	1.20783	0.109257	0.562772	-1.77692	0.0633745	1.9883	1.9883	0.0788011	0.525943	-1.90135
cg18829268	SYT1;SYT1	0.113914	0.382797	0.870276	-1.14906	0.0953648	1.32903	1.32903	0.469247	1.12109	1.12109	0.413494	0.878283	-1.13859	0.33517	0.857021	-1.16683
cg17394317	TTBK2	0.113915	0.0981718	0.626993	-1.59491	0.0520258	1.77216	1.77216	0.057529	1.7428	1.7428	0.206348	0.711132	-1.40621	0.99377	1.00198	1.00198
cg04417708	ZZEF1	0.113917	0.0738055	0.191255	-5.22862	0.0931699	0.215884	-4.63212	0.387751	2.08507	2.08507	0.600879	1.54981	1.54981	0.020904	0.0995547	-10.0447
cg04218548	CAMTA1	0.113918	0.148213	0.502801	-1.98886	0.915369	0.95397	-1.04825	0.0221145	0.296298	-3.37499	0.834999	0.911685	-1.09687	0.215145	0.560796	-1.78318
cg03658371	KCNH6;KCNH6	0.113918	0.782634	0.94714	-1.05581	0.230385	0.78107	-1.28029	0.591598	0.899106	-1.11222	0.819939	1.04579	1.04579	0.215386	0.774089	-1.29184
cg09867343	LOC652276	0.113923	0.0613953	0.234	-4.27351	0.42925	1.74389	1.74389	0.310722	0.485371	-2.06028	0.125781	0.31927	-3.13214	0.0264264	0.163007	-6.13471
cg00708486	GCH1;GCH1;GCH1;GCH1	0.113927	0.0176537	0.334096	-2.99315	0.816567	0.915528	-1.09227	0.573017	1.24149	1.24149	0.370804	0.705353	-1.41773	0.0238383	0.359051	-2.78512
cg03623599	FREM2	0.11393	0.0623166	0.417395	-2.39581	0.172592	0.546372	-1.83026	0.0485843	0.391364	-2.55516	0.696515	0.84941	-1.17729	0.0106258	0.262439	-3.81042
cg21960922	ANXA4;ANXA4	0.11393	0.620009	1.09018	1.09018	0.116735	0.744985	-1.34231	0.0300159	1.55411	1.55411	0.32702	1.19099	1.19099	0.948994	0.98901	-1.01111
cg27650870	ANK1;ANK1;ANK1;ANK1;ANK1	0.11393	0.0766237	2.10256	2.10256	0.173386	1.72739	1.72739	0.530915	1.27063	1.27063	0.25218	1.57044	1.57044	0.992273	1.00366	1.00366
cg00343022	ACAA1;ACAA1;ACAA1	0.113932	0.721989	0.938844	-1.06514	0.703607	1.06985	1.06985	0.320217	0.834079	-1.19893	0.331376	1.19366	1.19366	0.305112	0.828962	-1.20633
cg08260286	ZNF628	0.113932	0.293959	0.813993	-1.22851	0.0142019	1.77171	1.77171	0.953206	1.01116	1.01116	0.320444	0.823584	-1.2142	0.583412	1.11039	1.11039
cg22163056	TBX2	0.113933	0.138249	0.6751	-1.48126	0.349128	0.788771	-1.2678	0.674023	1.10976	1.10976	0.0757741	0.614744	-1.62669	0.25919	0.748427	-1.33614
cg16177714	SNORD116-10;SNORD116-9;SNORD116-3	0.113935	0.111888	0.404184	-2.47412	0.0231624	0.241581	-4.1394	0.466728	1.47334	1.47334	0.307842	1.73729	1.73729	0.217094	0.506853	-1.97296
cg00533364	ZNF331	0.113937	0.559933	1.09832	1.09832	0.803589	1.04044	1.04044	0.0887578	1.3481	1.3481	0.105744	0.754924	-1.32464	0.13488	0.773795	-1.29233
cg12831034	CTSZ	0.11394	0.104596	0.631311	-1.58401	0.320897	0.766504	-1.30463	0.423388	0.808958	-1.23616	0.335433	0.772946	-1.29375	0.582874	1.15466	1.15466
cg17250296	CACNB1	0.113942	0.341955	1.33706	1.33706	0.330725	1.3468	1.3468	0.654884	1.14278	1.14278	0.937174	0.976886	-1.02366	0.845211	1.0597	1.0597
cg16636271	CITED2;CITED2;CITED2	0.113943	0.0328316	1.48245	1.48245	0.731393	1.05584	1.05584	0.718429	1.05876	1.05876	0.271369	1.1979	1.1979	0.459063	1.12624	1.12624
cg07750111	HIST1H1C	0.113945	0.619209	0.945816	-1.05729	0.430422	1.09362	1.09362	0.249113	0.874638	-1.14333	0.0935134	1.22766	1.22766	0.128709	1.2003	1.2003
cg19720079	RNFT2;RNFT2	0.113947	0.58607	1.13063	1.13063	0.00589472	0.447312	-2.23558	0.235682	0.757679	-1.31982	0.829981	0.953119	-1.04919	0.35507	0.808616	-1.23668
cg21501412	CLIP3	0.113948	0.0367303	0.32108	-3.11449	0.0151511	0.247364	-4.04262	0.855824	0.918377	-1.08888	0.683394	1.21163	1.21163	0.0751427	0.395453	-2.52874
cg08775230	C11orf52	0.11395	0.488619	1.5482	1.5482	0.0155704	6.31545	6.31545	0.0172827	6.05996	6.05996	0.882467	1.09627	1.09627	0.520822	0.667402	-1.49835
cg18493430	MAD1L1;MAD1L1;MAD1L1	0.11395	0.0108603	0.535589	-1.8671	0.300892	0.811183	-1.23277	0.319246	0.817959	-1.22255	0.839435	0.961169	-1.0404	0.269112	0.798772	-1.25192
cg06606518	GPATCH3;GPN2	0.113952	0.109096	0.7689	-1.30056	0.589252	0.921287	-1.08544	0.00265008	0.535033	-1.86905	0.935034	0.987813	-1.01234	0.702101	0.943839	-1.0595
cg22871233	HEPN1;HEPN1;HEPACAM	0.113957	0.0888009	0.390719	-2.55938	0.083264	0.382902	-2.61164	0.03117	0.28193	-3.54698	0.116099	2.35135	2.35135	0.114847	0.423823	-2.35948
cg16575564	TMEM134;TMEM134;TMEM134	0.113958	0.210355	0.74794	-1.33701	0.0995475	1.48766	1.48766	0.550858	1.142	1.142	0.962139	0.98961	-1.0105	0.895363	1.02938	1.02938
cg16277479	PDPN;PDPN	0.113959	0.123937	0.120316	-8.31144	0.591158	1.99215	1.99215	0.0194058	36.3218	36.3218	0.962633	1.06136	1.06136	0.207497	0.184635	-5.41609
cg26312839	PDSS2	0.11396	0.622591	1.41356	1.41356	0.270099	0.447001	-2.23713	0.146434	0.333461	-2.99885	0.137652	3.08621	3.08621	0.471575	1.66801	1.66801
cg15507500	SLC27A1	0.11396	0.0176257	0.187933	-5.32104	0.586693	0.727751	-1.3741	0.707281	0.803806	-1.24408	0.397128	1.65199	1.65199	0.03543	0.242221	-4.12845
cg02291020	ANXA11;ANXA11;ANXA11	0.113962	0.902066	1.06757	1.06757	0.026774	4.02965	4.02965	0.462258	1.48806	1.48806	0.702784	0.815768	-1.22584	0.0864903	2.73408	2.73408
cg18576335	AURKB	0.113963	0.774787	1.05053	1.05053	0.977097	0.995079	-1.00495	0.916062	1.01828	1.01828	0.76023	1.05401	1.05401	0.0297979	0.644408	-1.55181
cg18123612	MIR502;CLCN5;CLCN5	0.113963	0.844272	0.849642	-1.17697	0.978697	0.97812	-1.02237	0.825027	0.832392	-1.20136	0.37537	0.470587	-2.12501	0.0222463	0.103282	-9.68223
cg27612650	MRO	0.113963	0.747436	0.913373	-1.09484	0.310714	1.34199	1.34199	0.0510171	0.536171	-1.86508	0.926306	0.974389	-1.02628	0.0189729	0.450834	-2.21811
cg25233900	BNIP3	0.113966	0.968678	1.01707	1.01707	0.0586149	2.5121	2.5121	0.0607463	2.48817	2.48817	0.559512	1.28974	1.28974	0.375577	1.48008	1.48008
cg26243894	IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.113966	?	?	?	0.854322	0.891049	-1.12227	0.0706134	0.281372	-3.55401	0.0513198	0.24842	-4.02544	0.125948	0.353727	-2.82704
cg15562885	ZNF710	0.113967	0.0892436	0.542738	-1.84251	0.0155797	0.380128	-2.63069	0.0489871	0.480451	-2.08138	0.794433	0.91837	-1.08889	0.091196	0.545149	-1.83436
cg18108623	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.113971	0.121359	0.623008	-1.60511	0.17038	1.50888	1.50888	0.0563628	1.83814	1.83814	0.103311	1.65202	1.65202	0.749328	1.09453	1.09453
cg05643592	TOMM40L	0.113971	0.306401	1.26858	1.26858	0.178936	1.37819	1.37819	0.698921	0.916389	-1.09124	0.682922	1.09666	1.09666	0.376746	0.815648	-1.22602
cg13932995	KDSR	0.113972	0.298932	0.861872	-1.16027	0.0265984	1.43743	1.43743	0.599516	0.929454	-1.0759	0.114306	1.26764	1.26764	0.378344	0.882677	-1.13292
cg07302069	HOXA7;HOXA7	0.113974	0.0489908	52.1631	52.1631	0.769459	1.65959	1.65959	?	?	?	0.315545	0.165771	-6.03243	0.215447	0.103917	-9.62304
cg27185298	VARS2;VARS2;VARS2	0.113974	0.162662	0.518078	-1.93021	0.0204629	0.291622	-3.4291	0.0705776	0.409999	-2.43903	0.255476	1.68843	1.68843	0.13517	0.491358	-2.03518
cg00652657	EBF3	0.113975	0.781946	1.06201	1.06201	0.811755	0.949578	-1.0531	0.21811	0.755085	-1.32435	0.992102	0.997856	-1.00215	0.717286	1.08204	1.08204
cg21777553	KLF7	0.113978	0.457304	0.853978	-1.17099	0.0318582	0.591836	-1.68966	0.203511	1.32299	1.32299	0.177114	0.741442	-1.34872	0.0977159	0.684621	-1.46066
cg26303222	CPLX2;CPLX2	0.113979	0.9928	0.993667	-1.00637	0.0606571	4.43358	4.43358	0.467012	1.68393	1.68393	0.63997	1.39333	1.39333	0.28765	0.459637	-2.17563
cg18264753	TNFAIP3;TNFAIP3	0.113984	0.0835422	1.25028	1.25028	0.0238049	0.73009	-1.36969	0.573012	0.935742	-1.06867	0.691238	1.04766	1.04766	0.699726	1.04623	1.04623
cg14770407	CASS4;CASS4;CASS4;CASS4	0.113985	0.523201	1.26478	1.26478	0.0211549	0.36556	-2.73553	0.324104	0.690935	-1.44731	0.526248	1.26255	1.26255	0.455616	1.31768	1.31768
cg08206657	FAM107B	0.113988	0.0500994	2.46611	2.46611	0.130249	1.93553	1.93553	0.591362	1.24482	1.24482	0.0292576	2.82314	2.82314	0.183486	0.56539	-1.76869
cg26074111	GMNN	0.113988	0.762339	0.925806	-1.08014	0.0691168	1.67687	1.67687	0.00647224	2.45904	2.45904	0.255081	0.739327	-1.35258	0.722496	1.09487	1.09487
cg05090699	DCBLD2	0.113988	0.578144	1.2629	1.2629	0.0989115	0.471545	-2.12069	0.132196	0.509109	-1.96422	0.761526	0.881202	-1.13481	0.84309	0.920954	-1.08583
cg23318523	ZC3H3	0.113989	0.117058	1.86314	1.86314	0.462776	0.760951	-1.31415	0.0348347	0.40698	-2.45712	0.954286	1.02117	1.02117	0.342362	1.42984	1.42984
cg00692833	DGKH;DGKH	0.113992	0.53179	0.829019	-1.20625	0.10041	1.70376	1.70376	0.570291	1.18511	1.18511	0.0269979	2.17124	2.17124	0.333753	0.744409	-1.34335
cg08886546	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.113993	0.387584	1.08355	1.08355	0.346767	0.915952	-1.09176	0.201767	0.885023	-1.12991	0.151882	1.14924	1.14924	0.61048	1.04765	1.04765
cg06239593	NEK11;NEK11;NEK11	0.113994	0.391649	0.681139	-1.46813	0.756684	0.872862	-1.14566	0.198446	0.551776	-1.81233	0.659156	1.21435	1.21435	0.0083009	0.228466	-4.37703
cg27414885	DDX20;C1orf183	0.113996	0.077506	0.691604	-1.44591	0.710066	1.07269	1.07269	0.0250549	1.65018	1.65018	0.679681	1.08114	1.08114	0.132279	0.736946	-1.35695
cg03970588	GLUL;GLUL;GLUL;GLUL	0.113998	?	?	?	?	?	?	0.25836	1.53215	1.53215	?	?	?	?	?	?

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27120228	0.841763	1.04737	1.04737	0.272212	1.30291	1.30291	0.706782	0.916224	-1.09144	0.619232	0.890489	-1.12298	2.42026	2.05467	0.754619	1
cg00587834	0.677686	1.35657	1.35657	0.396088	1.88531	1.88531	0.693576	1.335	1.335	0.891233	0.904995	-1.10498	2.42025	20.4059	7.49451	1
cg02459866	0.485608	0.6269	-1.59515	0.469693	0.615855	-1.62376	0.0264801	5.66224	5.66224	0.248838	2.2131	2.2131	2.42024	16.6485	6.11455	1
cg26856322	0.310261	1.19686	1.19686	0.161188	0.774046	-1.29191	0.939193	0.987027	-1.01314	0.526713	0.896028	-1.11604	2.42024	1.12292	0.412418	1
cg09555879	0.0327429	0.290923	-3.43733	0.0472873	0.325708	-3.07023	0.321841	1.65834	1.65834	0.487264	0.70552	-1.41739	2.42022	9.36284	3.43875	1
cg00211489	0.159216	0.366004	-2.73221	0.517212	0.644878	-1.55068	0.924192	0.938393	-1.06565	0.132977	0.338587	-2.95345	2.42019	17.1087	6.28369	1
cg02406084	0.891365	1.02379	1.02379	0.0506165	0.681625	-1.46708	0.99303	1.0015	1.0015	0.754417	0.947436	-1.05548	2.42018	1.13487	0.416819	1
cg08828733	0.844064	0.895953	-1.11613	0.0248914	0.225519	-4.43421	0.030005	0.24072	-4.1542	0.33668	0.575431	-1.73783	2.42017	11.93	4.38167	1
cg00819078	0.0669096	2.01234	2.01234	0.0215075	2.56043	2.56043	0.0122379	2.89381	2.89381	0.0965163	1.86122	1.86122	2.42015	4.44289	1.63181	1
cg09872934	0.0761666	1.53536	1.53536	0.563706	1.13523	1.13523	0.0481519	0.612169	-1.63354	0.923619	1.02106	1.02106	2.42014	1.8098	0.664716	1
cg06164260	0.0482498	0.52572	-1.90215	0.0394464	0.507312	-1.97117	0.314459	0.743546	-1.34491	0.22318	0.694475	-1.43994	2.42014	3.1103	1.14238	1
cg06969129	0.812113	0.908809	-1.10034	0.187915	1.75124	1.75124	0.107598	2.02414	2.02414	0.334048	1.49194	1.49194	2.44457	5.54924	2.27002	1
cg02067846	0.765025	0.626224	-1.59687	?	?	?	0.0158082	101.169	101.169	0.837707	0.725968	-1.37747	2.44456	83.9095	34.325	1
cg01533585	0.278405	0.622639	-1.60607	0.0537303	0.398209	-2.51124	0.208512	0.572717	-1.74606	0.307358	0.641334	-1.55925	2.4201	6.77326	2.48778	1
cg04637490	0.0979838	1.91027	1.91027	0.574341	1.22428	1.22428	0.346865	1.41255	1.41255	0.85271	0.935877	-1.06852	2.4201	4.87322	1.78991	1
cg02902975	0.0412742	2.07655	2.07655	0.0128015	2.61094	2.61094	0.0516422	1.98876	1.98876	0.805566	0.926308	-1.07955	2.42009	3.69265	1.35629	1
cg07670516	0.530712	0.748139	-1.33665	0.111878	2.20571	2.20571	0.0640318	2.58828	2.58828	0.345268	1.55916	1.55916	2.42008	8.00177	2.93902	1
cg20623763	0.131444	1.30208	1.30208	0.0110743	0.596674	-1.67596	0.139022	1.29449	1.29449	0.794693	0.95861	-1.04318	2.42005	1.00705	0.36989	1
cg11558856	0.81777	1.04232	1.04232	0.200906	0.784594	-1.27454	0.182649	1.28914	1.28914	0.630256	0.916583	-1.09101	2.42004	1.23613	0.454032	1
cg23689357	0.022805	0.154109	-6.48892	0.0485369	0.21294	-4.69616	0.248427	0.436867	-2.28903	0.283188	0.465177	-2.14972	2.42004	18.0566	6.63227	1
cg03344782	0.0174176	0.535901	-1.86602	0.0120224	0.509162	-1.96401	0.377215	0.822631	-1.21561	0.324482	0.803118	-1.24515	2.42003	1.77963	0.653665	1
cg17024482	0.0733349	0.433114	-2.30886	0.0310512	0.346209	-2.88843	0.0344996	0.355863	-2.81007	0.881308	0.939311	-1.06461	2.42003	6.73014	2.47201	1
cg26938013	0.4806	0.785168	-1.27361	0.0745359	0.511622	-1.95457	0.121385	0.567507	-1.76209	0.120892	0.56701	-1.76364	2.42003	4.3613	1.60193	1
cg09845145	0.213196	1.20664	1.20664	0.0148129	1.53667	1.53667	0.0415922	0.714163	-1.40024	0.703632	0.946706	-1.05629	2.42003	0.786943	0.289048	1
cg00930707	0.158302	1.60927	1.60927	0.0319518	2.20981	2.20981	0.0632763	1.93271	1.93271	0.229289	1.4888	1.4888	2.42002	3.81428	1.40101	1
cg21577626	0.161556	1.33824	1.33824	0.0422959	1.57753	1.57753	0.862181	1.03445	1.03445	0.567779	0.893555	-1.11913	2.42001	1.45589	0.534759	1
cg13422804	0.884885	1.04093	1.04093	0.58788	1.1636	1.1636	0.192763	1.46481	1.46481	0.258613	1.38597	1.38597	2.42	2.93917	1.07959	1
cg13722539	0.283353	0.709338	-1.40977	0.428061	0.779355	-1.28311	0.437544	1.27634	1.27634	0.872153	1.05087	1.05087	2.41999	3.63831	1.33639	1
cg03408433	0.430742	0.608299	-1.64393	0.342593	0.546418	-1.8301	0.274277	0.495031	-2.02008	0.571529	0.702291	-1.42391	2.41998	14.6427	5.37844	1
cg10398905	0.799745	0.893382	-1.11934	0.00570341	0.200322	-4.99196	0.299978	0.621024	-1.61024	0.441361	0.705957	-1.41652	2.41998	7.53923	2.76925	1
cg16353413	0.588206	1.13581	1.13581	0.38176	0.811412	-1.23242	0.145928	0.695122	-1.4386	0.281882	1.29761	1.29761	2.41997	2.08001	0.764017	1
cg15411118	0.90328	1.02325	1.02325	0.0553856	1.50753	1.50753	0.334159	1.20718	1.20718	0.750083	1.06227	1.06227	2.41997	1.36942	0.503007	1
cg02131862	0.607526	1.38124	1.38124	0.234818	0.460085	-2.17351	0.194398	0.424912	-2.35343	0.0815918	0.300188	-3.33124	2.41996	14.8968	5.47181	1
cg07570498	0.158935	0.662336	-1.50981	0.0126668	0.428301	-2.33481	0.864465	0.954327	-1.04786	0.230476	1.41091	1.41091	2.41995	2.86971	1.05409	1
cg07505964	0.157656	0.443714	-2.25371	0.017001	0.209037	-4.78384	0.245536	0.520359	-1.92175	0.433406	0.650554	-1.53715	2.41994	11.0859	4.07207	1
cg25099021	0.242187	1.3676	1.3676	0.236203	1.37362	1.37362	0.995576	0.998583	-1.00142	0.848944	0.952403	-1.04998	2.4199	2.50691	0.92085	1
cg05346902	0.0112775	1.56875	1.56875	0.678622	1.06089	1.06089	0.203352	1.20984	1.20984	0.208276	1.20709	1.20709	2.41988	0.771375	0.283347	1
cg07411420	0.642464	1.1554	1.1554	0.195773	0.655275	-1.52608	0.887889	0.957354	-1.04455	0.301526	0.718404	-1.39198	2.41985	3.65847	1.34387	1
cg17542225	0.013922	0.593399	-1.68521	0.460125	1.13791	1.13791	0.22892	0.805007	-1.24223	0.437661	1.14569	1.14569	2.41985	1.131	0.415454	1
cg16808481	0.812759	0.856593	-1.16742	0.0284053	0.184973	-5.4062	0.197018	0.410771	-2.43444	0.636297	0.732905	-1.36443	2.41983	16.3089	5.99086	1
cg02289689	0.16376	0.79912	-1.25138	0.115862	0.772677	-1.2942	0.786915	0.959939	-1.04173	0.342813	1.15891	1.15891	2.41981	0.872657	0.32056	1
cg26104475	0.592822	0.773754	-1.2924	0.124289	0.453453	-2.2053	0.161365	0.491276	-2.03552	0.169048	0.498438	-2.00627	2.4198	8.65407	3.17898	1
cg26003785	0.14805	1.34415	1.34415	0.0581337	1.50406	1.50406	0.0834195	0.694022	-1.44088	0.206545	0.775746	-1.28908	2.41979	1.39229	0.511445	1
cg13187778	0.0272175	0.389539	-2.56714	0.0915643	0.511625	-1.95456	0.357595	1.40674	1.40674	0.99909	0.999589	-1.00041	2.41978	4.98669	1.83183	1
cg11071900	0.883388	1.03917	1.03917	0.234479	1.38571	1.38571	0.680585	1.11444	1.11444	0.762806	1.08245	1.08245	2.41976	2.6258	0.964575	1
cg12498409	0.772603	1.03588	1.03588	0.0289659	0.731061	-1.36787	0.407256	1.10865	1.10865	0.0986412	1.2465	1.2465	2.41976	0.567305	0.208397	1
cg23413369	0.391525	1.25098	1.25098	0.118016	1.54179	1.54179	0.45563	0.823805	-1.21388	0.666411	0.895276	-1.11697	2.41973	2.49335	0.915935	1
cg20573420	0.979249	0.992426	-1.00763	0.0870738	1.73729	1.73729	0.452105	0.799366	-1.25099	0.556283	0.840331	-1.19001	2.41973	3.27487	1.20302	1
cg14993439	0.338269	1.29788	1.29788	0.180617	1.45571	1.45571	0.165545	1.47792	1.47792	0.789885	1.07309	1.07309	2.41972	2.67357	0.982142	1
cg00005112	0.16989	0.453826	-2.20349	0.0368577	0.269769	-3.70687	0.849638	1.10801	1.10801	0.0675715	0.330665	-3.02421	2.41971	11.1912	4.11112	1
cg22995106	0.311789	0.771277	-1.29655	0.273178	0.75349	-1.32716	0.0891058	0.627916	-1.59257	0.302167	0.766979	-1.30382	2.4197	2.36068	0.867206	1
cg08208595	0.0319427	0.617097	-1.62049	0.0885219	1.43457	1.43457	0.0557758	0.659553	-1.51618	0.445055	0.861132	-1.16126	2.41965	1.41334	0.519209	1
cg01931797	0.960972	1.00818	1.00818	0.162406	0.780107	-1.28187	0.0872824	1.36934	1.36934	0.0728162	1.39542	1.39542	2.41964	1.06227	0.390242	1
cg22369288	0.257488	0.67276	-1.48642	0.236883	1.51539	1.51539	0.313546	1.41853	1.41853	0.34036	1.39039	1.39039	2.41964	4.3114	1.58386	1
cg19810715	0.0471635	0.280946	-3.5594	0.243131	0.505246	-1.97923	0.252658	0.512797	-1.95009	0.582241	0.733038	-1.36418	2.41962	11.9732	4.39856	1
cg09284708	0.20544	0.597287	-1.67424	0.0904197	0.486856	-2.05399	0.181353	1.72878	1.72878	0.419089	1.37507	1.37507	2.41959	5.70342	2.09527	1
cg18074820	0.346498	0.663011	-1.50827	0.0204052	0.305832	-3.26977	0.944304	1.03006	1.03006	0.164876	0.533612	-1.87402	2.41959	6.88653	2.52992	1
cg23300486	0.927089	0.963829	-1.03753	0.307759	0.653795	-1.52953	0.227691	0.600669	-1.66481	0.194338	1.73789	1.73789	2.41959	6.20881	2.28095	1
cg14990413	0.507531	1.50509	1.50509	0.280756	1.97741	1.97741	0.358365	1.776	1.776	0.925304	0.944569	-1.05868	2.41957	14.1714	5.2062	1
cg05779300	0.0952072	1.77858	1.77858	0.909835	0.965044	-1.03622	0.0108421	2.73167	2.73167	0.0324642	2.19532	2.19532	2.41957	3.78032	1.3888	1
cg19348001	0.881872	1.02218	1.02218	0.0637466	0.735287	-1.36001	0.324911	1.16181	1.16181	0.233884	1.20217	1.20217	2.41956	0.834162	0.306451	1
cg08363339	0.0574296	0.0707634	-14.1316	0.0137647	0.0234483	-42.6469	0.179356	0.17244	-5.79913	0.0827122	0.0936509	-10.678	2.41951	58.1983	21.3811	1
cg03559836	0.329493	1.32808	1.32808	0.0339874	0.497679	-2.00933	0.169261	0.661742	-1.51116	0.225344	0.698365	-1.43192	2.4195	3.04608	1.11908	1
cg14168009	0.258164	0.691447	-1.44624	0.0410514	0.478435	-2.09015	0.361248	0.745656	-1.3411	0.529611	1.22035	1.22035	2.41949	3.74728	1.3767	1
cg01200060	0.218963	0.83949	-1.1912	0.656646	1.06242	1.06242	0.0168896	0.674071	-1.48352	0.931037	0.988355	-1.01178	2.41948	0.701774	0.257823	1
cg25050447	0.392414	0.527014	-1.89748	0.123157	0.294947	-3.39044	0.0188021	0.124818	-8.01166	0.156212	0.329918	-3.03106	2.41948	20.4793	7.52386	1
cg17831554	0.295935	1.2997	1.2997	0.136485	1.47406	1.47406	0.080131	0.625264	-1.59932	0.0644715	0.605086	-1.65266	2.41948	2.24168	0.823568	1
cg06351831	0.873545	0.974458	-1.02621	0.089445	0.737725	-1.35552	0.985766	1.0029	1.0029	0.0407821	1.4676	1.4676	2.41947	1.01115	0.371488	1
cg21448057	0.186637	0.664685	-1.50447	0.650013	0.875224	-1.14257	0.341035	0.751068	-1.33144	0.843666	1.0593	1.0593	2.41946	3.26186	1.19838	1
cg13982454	0.56378	1.14277	1.14277	0.749447	0.929344	-1.07603	0.267405	0.767805	-1.30241	0.119062	1.47237	1.47237	2.41945	2.00401	0.736259	1
cg09351471	0.110624	0.409709	-2.44076	0.105811	0.403825	-2.47632	0.332655	0.598721	-1.67023	0.350005	0.61032	-1.63848	2.41944	10.0951	3.70888	1
cg07536102	0.373183	0.710998	-1.40647	0.0347664	0.399256	-2.50466	0.0235686	2.74238	2.74238	0.6849	0.858807	-1.16441	2.41944	5.33412	1.95972	1
cg19032492	0.575392	0.71247	-1.40357	0.623002	1.34559	1.34559	0.713674	1.24704	1.24704	0.807385	0.863876	-1.15757	2.41943	13.7514	5.05223	1
cg05563388	0.022475	1.54659	1.54659	0.194296	0.8033	-1.24487	0.43632	0.881026	-1.13504	0.0892707	0.74165	-1.34834	2.41941	0.974877	0.358169	1
cg11732197	0.0987149	1.61238	1.61238	0.0229315	2.0503	2.0503	0.637824	1.13327	1.13327	0.260796	0.733845	-1.36269	2.41938	2.66766	0.980108	1
cg05704196	0.697216	1.06566	1.06566	0.00843477	0.578606	-1.72829	0.612703	1.08657	1.08657	0.855879	0.970862	-1.03001	2.41936	1.01368	0.372434	1
cg14231471	0.0485427	0.552738	-1.80918	0.213599	1.41137	1.41137	0.788915	1.07315	1.07315	0.290696	0.749396	-1.33441	2.41935	2.65232	0.974483	1
cg15601859	0.355526	0.882108	-1.13365	0.152582	1.22412	1.22412	0.160853	0.820627	-1.21858	0.0342597	0.721798	-1.38543	2.41935	0.667511	0.245249	1
cg01986123	0.247589	1.44038	1.44038	0.00652511	0.344061	-2.90646	0.635449	1.15506	1.15506	0.73776	0.90354	-1.10676	2.41934	3.49141	1.28277	1
cg08510718	0.681799	0.873095	-1.14535	0.480073	1.26658	1.26658	0.102859	1.7994	1.7994	0.430901	1.30297	1.30297	2.41932	4.15226	1.52559	1
cg18829268	0.561977	1.0953	1.0953	0.049195	0.705714	-1.41701	0.0286571	1.49294	1.49294	0.888808	1.02196	1.02196	2.41928	0.923449	0.339292	1
cg17394317	0.201609	0.708259	-1.41191	0.593553	1.14665	1.14665	0.209634	1.40233	1.40233	0.50374	1.18828	1.18828	2.564	2.55797	0.77595	1
cg04417708	0.234365	0.355329	-2.81429	0.0940636	0.216963	-4.60909	0.649661	0.684151	-1.46167	0.0983571	0.222086	-4.50276	2.41926	26.3982	9.6993	1
cg04218548	0.867158	0.928474	-1.07704	0.0154406	0.267843	-3.73354	0.709421	1.18049	1.18049	0.0707849	0.408615	-2.44729	2.41925	7.52951	2.76652	1
cg03658371	0.762431	1.06134	1.06134	0.00498202	2.07493	2.07493	0.526499	0.881595	-1.13431	0.51981	1.13669	1.13669	2.41925	1.4775	0.54287	1
cg09867343	0.0676753	0.24398	-4.09869	0.0547956	0.222876	-4.48681	0.340851	0.508419	-1.96688	0.122803	0.315918	-3.16538	2.41919	18.1977	6.68642	1
cg00708486	0.136599	0.543824	-1.83883	0.0661716	0.457133	-2.18755	0.532365	0.786457	-1.27153	0.151638	0.557952	-1.79227	2.41916	5.52743	2.03099	1
cg03623599	0.100268	0.47246	-2.11658	0.150422	0.526316	-1.9	0.526231	0.76536	-1.30657	0.109388	0.483421	-2.06859	2.41913	6.64331	2.44103	1
cg21960922	0.797647	0.956589	-1.04538	0.636337	0.921021	-1.08575	0.29187	1.20793	1.20793	0.0200078	1.624	1.624	2.41913	1.1432	0.420058	1
cg27650870	0.275328	1.53455	1.53455	0.0476698	2.35034	2.35034	0.00735918	3.68186	3.68186	0.801458	0.909303	-1.09974	2.41913	5.45531	2.00451	1
cg00343022	0.404067	0.860011	-1.16278	0.00316995	0.490652	-2.03811	0.662339	0.92532	-1.08071	0.42965	0.867268	-1.15305	2.41911	1.19541	0.439246	1
cg08260286	0.449095	0.864303	-1.157	0.250979	1.25454	1.25454	0.255094	0.798805	-1.25187	0.0967616	0.708451	-1.41153	2.41911	1.36945	0.503197	1
cg22163056	0.0123738	0.464606	-2.15236	0.457338	1.20482	1.20482	0.115886	0.656588	-1.52303	0.104131	0.645713	-1.54868	2.4191	2.3219	0.853173	1
cg16177714	0.495538	1.43635	1.43635	0.226686	0.514696	-1.9429	0.457022	1.48637	1.48637	0.07747	0.358102	-2.7925	2.41909	10.49	3.85453	1
cg00533364	0.257738	1.20672	1.20672	0.0507702	0.701812	-1.42488	0.340111	1.16931	1.16931	0.249149	1.21123	1.21123	2.41907	0.969808	0.356357	1
cg12831034	0.0894857	1.62491	1.62491	0.85328	1.04917	1.04917	0.0172657	2.12136	2.12136	0.587569	0.867633	-1.15256	2.41904	2.57565	0.946437	1
cg17250296	0.153367	1.57386	1.57386	0.00271808	3.41513	3.41513	0.159863	1.56129	1.56129	0.485665	1.23388	1.23388	2.41902	3.37155	1.2389	1
cg16636271	0.106503	1.32041	1.32041	0.0206621	0.64438	-1.55188	0.767581	1.04785	1.04785	0.473597	1.1218	1.1218	2.41901	0.952743	0.350095	1
cg07750111	0.953929	1.00644	1.00644	0.676776	0.954454	-1.04772	0.280881	0.882825	-1.13273	0.0130092	1.40868	1.40868	2.41899	0.47368	0.17406	1
cg19720079	0.907219	1.02638	1.02638	0.219918	0.749741	-1.33379	0.660571	0.906041	-1.1037	0.038585	0.585659	-1.70748	2.41897	1.91018	0.701926	1
cg21501412	0.399487	0.667778	-1.4975	0.87332	0.928021	-1.07756	0.78767	0.881276	-1.13472	0.0500296	0.351273	-2.84679	2.41896	8.3967	3.08551	1
cg08775230	0.1784	2.43107	2.43107	0.66049	0.759863	-1.31603	0.152603	2.59056	2.59056	0.679599	1.29438	1.29438	2.41895	14.7884	5.43429	1
cg18493430	0.727072	1.0708	1.0708	0.0625309	1.50562	1.50562	0.254596	0.792769	-1.2614	0.353309	0.829906	-1.20496	2.41894	1.46004	0.536522	1
cg06606518	0.831711	0.9685	-1.03252	0.212377	0.820736	-1.21842	0.373484	0.871617	-1.14729	0.883757	0.978237	-1.02225	2.41892	0.866609	0.318455	1
cg22871233	0.829042	0.897392	-1.11434	0.711891	1.20408	1.20408	0.162984	0.474473	-2.1076	0.719865	0.835019	-1.19758	2.41888	9.60227	3.52864	1
cg16575564	0.0138271	1.95311	1.95311	0.0484025	1.64251	1.64251	0.536788	0.871428	-1.14754	0.377775	1.22034	1.22034	2.41887	1.85473	0.681579	1
cg16277479	0.639179	1.82248	1.82248	0.982235	1.0287	1.0287	0.035155	22.6235	22.6235	0.824486	1.3262	1.3262	2.41886	61.8874	22.7426	1
cg26312839	0.47585	1.6595	1.6595	?	?	?	0.755363	0.804205	-1.24346	0.0145047	0.114162	-8.75949	2.58672	17.3107	5.85563	1
cg15507500	0.206922	0.462737	-2.16106	0.377675	0.592114	-1.68886	0.0814168	0.326851	-3.05949	0.0737585	0.315376	-3.17082	2.41884	12.8406	4.71871	1
cg02291020	0.664041	0.792852	-1.26127	0.209132	2.02015	2.02015	0.298781	1.77185	1.77185	0.0446054	0.293818	-3.40346	2.41883	10.8075	3.97161	1
cg18576335	0.397931	1.16037	1.16037	0.0939233	0.728679	-1.37235	0.482811	0.884641	-1.1304	0.0130242	0.588932	-1.69799	2.41882	1.13136	0.41576	1
cg18123612	0.4994	1.76484	1.76484	0.00991205	0.0672573	-14.8683	0.59923	0.644462	-1.55168	0.108614	0.234579	-4.26295	2.41882	26.2962	9.66354	1
cg27612650	0.0628999	0.556095	-1.79825	0.199717	0.683901	-1.4622	0.0878892	0.589644	-1.69594	0.467605	0.812793	-1.23033	2.41882	3.01292	1.10721	1
cg25233900	0.0788388	2.31982	2.31982	0.110867	0.472854	-2.11482	0.140388	0.50466	-1.98153	0.822683	1.10161	1.10161	2.41879	7.12177	2.6172	1
cg26243894	0.194622	2.36585	2.36585	0.238085	2.17193	2.17193	0.124344	0.351912	-2.84162	0.876462	1.10256	1.10256	2.44319	13.5489	5.54556	1
cg15562885	0.202638	0.644909	-1.55061	0.0888772	0.54228	-1.84406	0.574104	1.20345	1.20345	0.754988	0.902949	-1.10748	2.41878	4.07407	1.4972	1
cg18108623	0.249413	1.40377	1.40377	0.761393	0.917773	-1.08959	0.0234101	2.1447	2.1447	0.864753	1.0492	1.0492	2.41874	3.04082	1.1175	1
cg05643592	0.721631	1.08369	1.08369	0.201857	0.738776	-1.35359	0.00762513	2.16131	2.16131	0.35194	0.806378	-1.24011	2.41874	1.9334	0.710526	1
cg13932995	0.702458	0.948385	-1.05442	0.123709	1.25886	1.25886	0.051769	1.35746	1.35746	0.946216	0.990728	-1.00936	2.41874	0.730286	0.268381	1
cg07302069	0.478371	0.287957	-3.47274	?	?	?	0.0400787	65.4974	65.4974	0.429586	0.248175	-4.02942	2.61526	93.6188	35.7971	1
cg27185298	0.270608	0.602844	-1.6588	0.0935606	0.443196	-2.25634	0.954313	1.0256	1.0256	0.623619	1.24387	1.24387	2.41872	7.45759	2.7407	1
cg00652657	0.323181	0.801494	-1.24767	0.435019	0.841378	-1.18853	0.946528	0.985561	-1.01465	0.00409051	2.30582	2.30582	2.4187	1.80128	0.661984	1
cg21777553	0.493549	0.865025	-1.15604	0.33575	0.813026	-1.22997	0.780375	1.06002	1.06002	0.0738074	1.51524	1.51524	2.41868	1.66582	0.612205	1
cg26303222	0.988698	0.990076	-1.01002	0.00793873	0.0910162	-10.9871	0.817262	0.849617	-1.177	0.459026	0.5881	-1.70039	2.41867	18.9908	6.97936	1
cg18264753	0.325512	1.12568	1.12568	0.750239	0.963442	-1.03795	0.0353262	0.7514	-1.33085	0.863683	0.98016	-1.02024	2.41862	0.520928	0.191451	1
cg14770407	0.310749	1.4634	1.4634	0.0789771	2.0302	2.0302	0.265351	1.5241	1.5241	0.175425	0.592677	-1.68726	2.41862	5.04868	1.85549	1
cg08206657	0.727027	0.867957	-1.15213	0.149277	1.86798	1.86798	0.127568	1.94599	1.94599	0.674994	0.843325	-1.18578	2.41858	6.2544	2.29864	1
cg26074111	0.886695	1.0369	1.0369	0.991936	0.997435	-1.00257	0.648938	1.12355	1.12355	0.161064	1.46298	1.46298	2.41858	2.47464	0.909493	1
cg05090699	0.0786098	2.25164	2.25164	0.0398035	2.68457	2.68457	0.150985	1.89544	1.89544	0.531375	0.76841	-1.30139	2.41858	6.61294	2.43042	1
cg23318523	0.460442	1.31609	1.31609	0.0801936	0.491928	-2.03282	0.415333	0.737636	-1.35568	0.114627	1.87226	1.87226	2.41857	5.11704	1.88065	1
cg00692833	0.0585962	0.531239	-1.88239	0.508783	0.820005	-1.21951	0.248495	1.42925	1.42925	0.65057	0.87371	-1.14455	2.41855	3.35748	1.23398	1
cg08886546	0.273668	1.10874	1.10874	0.00988597	0.74426	-1.34362	0.607749	1.04803	1.04803	0.778819	1.02584	1.02584	2.41853	0.314499	0.115589	1
cg06239593	0.734164	0.861456	-1.16083	0.483505	0.732311	-1.36554	0.0600065	2.5302	2.5302	0.539056	0.761786	-1.3127	2.41852	7.33218	2.69482	1
cg27414885	0.231157	1.2662	1.2662	0.687919	0.92693	-1.07883	0.376997	1.18572	1.18572	0.140975	1.34654	1.34654	2.41851	1.35255	0.497112	1
cg03970588	?	?	?	?	?	?	0.272521	1.50984	1.50984	0.0673703	0.445979	-2.24226	3.82251	2.08908	0.728693	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15362336	P2RX6P	0.113999	0.214638	0.834641	-1.19812	0.937905	1.01084	1.01084	0.0618136	0.747499	-1.33779	0.613039	1.07311	1.07311	0.854202	0.974869	-1.02578	0.366879	1.13685	1.13685	0.0210451	1.46813	1.46813	0.0912029	0.773055	-1.29357	0.91167	1.01547	1.01547	2.41848	0.733312	0.269522	1
cg13781158	CNIH2	0.114003	0.0804181	0.255704	-3.91077	0.84737	0.873271	-1.14512	0.379179	1.88598	1.88598	0.374549	0.526788	-1.8983	0.108946	0.292482	-3.41902	0.0468509	0.201862	-4.95389	0.0409676	0.190371	-5.2529	0.049354	0.206502	-4.84258	0.129861	0.316435	-3.16021	2.41844	18.942	6.96208	1
cg03997418	ATXN7;ATXN7	0.114004	0.275878	0.817707	-1.22293	0.333327	1.19385	1.19385	0.186344	0.779781	-1.28241	0.0992338	0.725518	-1.37833	0.0280549	0.63085	-1.58516	0.0784724	1.41486	1.41486	0.673698	1.07809	1.07809	0.764479	1.0548	1.0548	0.310097	0.829872	-1.205	2.41843	1.20746	0.4438	1
cg06731942	DIS3L;DIS3L	0.114005	0.225229	0.74403	-1.34403	0.0143756	2.01467	2.01467	0.0435878	1.71365	1.71365	0.960523	0.988576	-1.01156	0.441533	0.833454	-1.19983	0.532124	1.15824	1.15824	0.438316	0.83234	-1.20143	0.256253	1.31665	1.31665	0.420566	1.21048	1.21048	2.41843	2.06402	0.758628	1
cg09641576	SLC29A4;SLC29A4	0.114005	0.0769932	0.305628	-3.27195	0.0837804	0.315522	-3.16935	0.159666	0.404226	-2.47386	0.119695	0.361412	-2.76692	0.0294487	0.213137	-4.69181	0.0458689	0.251683	-3.97326	0.0571568	0.273289	-3.65914	0.131745	0.375031	-2.66644	0.0683491	0.292243	-3.42181	2.41842	13.9181	5.1156	1
cg23477940	POLR3B;POLR3B	0.114006	0.387345	0.803097	-1.24518	0.162084	1.44691	1.44691	0.573525	0.868706	-1.15114	0.264991	0.750139	-1.33309	0.115928	0.655167	-1.52633	0.105303	1.54954	1.54954	0.402214	0.80883	-1.23635	0.498991	0.843793	-1.18513	0.0305528	1.87562	1.87562	2.41841	2.34584	0.862216	1
cg24875017	ESPNP	0.114007	0.0893548	10.6975	10.6975	0.130598	7.88989	7.88989	0.472615	0.396814	-2.52007	0.245226	4.65454	4.65454	0.44391	0.372482	-2.68469	0.207205	0.185838	-5.38104	0.752272	0.669889	-1.49279	0.200511	5.53313	5.53313	0.0209937	33.5553	33.5553	2.4184	61.3137	22.536	1
cg08767710	ATP6V0E2;LOC401431;ATP6V0E2;ATP6V0E2;ATP6V0E2	0.114008	0.252447	1.22057	1.22057	0.0279553	1.54186	1.54186	0.0447013	1.46853	1.46853	0.96941	0.993626	-1.00641	0.581798	1.09718	1.09718	0.970099	0.99377	-1.00627	0.0718791	0.715318	-1.39798	0.386443	1.15955	1.15955	0.354624	0.853185	-1.17208	2.41839	1.06481	0.391374	1
cg22226568	GCHFR	0.114014	0.91621	1.02743	1.02743	0.449606	0.820267	-1.21911	0.641954	0.886553	-1.12796	0.994247	0.998148	-1.00186	0.00422299	0.373417	-2.67797	0.457306	1.21489	1.21489	0.453666	1.21688	1.21688	0.826365	0.94507	-1.05812	0.184162	1.43659	1.43659	2.41834	2.53279	0.930955	1
cg07749891	SMAD5;SMAD5;SMAD5OS;SMAD5	0.114014	0.0475291	0.676183	-1.47889	0.575873	0.907036	-1.10249	0.832459	1.03725	1.03725	0.0347196	0.653779	-1.52957	0.930556	1.01516	1.01516	?	?	?	0.0415659	0.666533	-1.5003	0.134797	0.75704	-1.32093	0.411009	1.15619	1.15619	2.44273	1.02493	0.419585	1
cg07464423	KCNQ1;KCNQ1	0.114016	0.0516456	0.704343	-1.41976	0.651595	1.07458	1.07458	0.519522	0.901841	-1.10884	0.35918	0.861409	-1.16089	0.223956	0.816966	-1.22404	0.249562	1.20976	1.20976	0.0198321	1.5606	1.5606	0.659072	0.932154	-1.07278	0.326933	0.852022	-1.17368	2.41832	0.959018	0.352501	1
cg07349899	GALNTL4	0.114017	0.487408	0.854974	-1.16963	0.0419388	1.68304	1.68304	0.299628	1.26962	1.26962	0.800152	0.945224	-1.05795	0.299495	1.26971	1.26971	0.17347	1.37937	1.37937	0.00767162	2.14035	2.14035	0.207894	1.34298	1.34298	0.633803	1.11247	1.11247	2.41831	1.8889	0.694297	1
cg09934056	KANK3	0.114018	0.340782	0.670617	-1.49116	0.0103922	0.268892	-3.71896	0.0156834	0.299555	-3.33828	0.662231	1.19591	1.19591	0.625433	0.818535	-1.2217	0.346249	0.673824	-1.48407	0.301584	0.646866	-1.54592	0.20842	0.582886	-1.7156	0.878919	1.06401	1.06401	2.4183	6.34471	2.33211	1
cg23612220	TNFAIP8L2	0.114018	0.114858	0.668244	-1.49646	0.513323	1.16865	1.16865	0.56166	0.871132	-1.14793	0.0603402	0.607738	-1.64545	0.133879	0.683811	-1.46239	0.933869	0.980678	-1.0197	0.0690034	1.61346	1.61346	0.165795	1.41549	1.41549	0.197888	0.72618	-1.37707	2.4183	2.11695	0.77812	1
cg01827195	KIAA1486	0.114018	0.0801684	0.295818	-3.38046	0.629941	1.3561	1.3561	0.157467	2.58183	2.58183	0.0571802	0.25921	-3.85788	0.205791	0.432803	-2.31052	0.81178	0.86098	-1.16147	0.270968	0.487177	-2.05264	0.0523852	0.250511	-3.99184	0.0735489	0.285991	-3.49661	2.4183	15.079	5.54257	1
cg15882797	PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.11402	0.0518953	0.647133	-1.54528	0.0965881	0.698431	-1.43178	0.601625	0.901553	-1.1092	0.413802	1.17865	1.17865	0.625719	0.907814	-1.10155	0.171076	1.33209	1.33209	0.0278	1.668	1.668	0.790839	0.949045	-1.05369	0.910614	1.02234	1.02234	2.41828	1.48263	0.544969	1
cg04320595	RACGAP1P	0.114026	0.782358	0.954832	-1.0473	0.1067	1.34176	1.34176	0.667618	1.07477	1.07477	0.367901	1.16692	1.16692	0.47356	0.885448	-1.12937	0.529245	1.11225	1.11225	0.403782	0.867107	-1.15326	0.500014	1.12105	1.12105	0.00711345	0.559727	-1.78659	2.41823	1.06693	0.392181	1
cg12689803	SRRM4	0.114027	0.111565	0.434219	-2.30299	0.243369	0.555671	-1.79963	0.354277	1.58206	1.58206	0.449034	0.689811	-1.44967	0.0328267	0.300673	-3.32588	0.256673	0.5656	-1.76803	0.0103367	0.211188	-4.73512	0.850999	0.91346	-1.09474	0.457494	0.694758	-1.43935	2.41822	8.87358	3.26175	1
cg22839308	TLR1	0.114028	0.0834162	0.397286	-2.51708	0.966576	0.980018	-1.02039	0.0200394	0.258796	-3.86404	0.992583	0.995532	-1.00449	0.0192825	0.255779	-3.90963	0.659193	1.23837	1.23837	0.6047	0.777595	-1.28602	0.91723	1.05135	1.05135	0.374704	1.55099	1.55099	2.41821	8.88684	3.26664	1
cg04935914	DOCK1	0.11403	0.371751	0.828908	-1.20641	0.0166067	1.81948	1.81948	0.106658	1.43397	1.43397	0.786221	1.0572	1.0572	0.577184	0.891153	-1.12214	0.244485	0.779481	-1.28291	0.116734	1.41725	1.41725	0.486011	0.865159	-1.15586	0.352804	0.822316	-1.21608	2.41819	1.60343	0.589397	1
cg05728337	PRDM15;PRDM15	0.114036	0.12507	0.398742	-2.50789	0.0810652	0.342616	-2.91872	0.206042	0.477739	-2.09319	0.887993	0.924925	-1.08117	0.00466559	0.124514	-8.03123	0.536034	0.706784	-1.41486	0.122182	0.395459	-2.52871	0.784516	0.85917	-1.16391	0.228749	0.496828	-2.01277	2.41813	11.7451	4.31743	1
cg26274889	NDST2	0.114041	0.124607	1.69017	1.69017	0.232292	1.485	1.485	0.120571	1.70143	1.70143	0.774513	0.913322	-1.0949	0.145757	0.610787	-1.63723	0.0484287	0.490771	-2.03761	0.661299	1.14931	1.14931	0.158519	1.6093	1.6093	0.184326	1.55972	1.55972	2.41809	3.81595	1.40275	1
cg20918537	DMXL2	0.114045	0.14791	0.350614	-2.85214	0.223917	0.42205	-2.36939	0.903161	1.08565	1.08565	0.129601	0.331024	-3.02093	0.0807609	0.270498	-3.69688	0.245164	0.440102	-2.2722	0.00807189	0.101191	-9.88231	0.0504637	0.221985	-4.50481	0.306884	0.489594	-2.04251	2.41805	17.4569	6.41725	1
cg15551673	ELAVL3;ELAVL3	0.114045	0.881541	1.03608	1.03608	0.414826	0.820253	-1.21914	0.371526	1.24373	1.24373	0.664452	0.901451	-1.10932	0.297773	0.773688	-1.29251	0.150909	0.693557	-1.44184	0.020402	1.94326	1.94326	0.0401612	1.75709	1.75709	0.829195	1.0527	1.0527	2.41805	2.1641	0.795538	1
cg06986543	LAMA5	0.114046	0.520475	0.886036	-1.12862	0.744199	1.06271	1.06271	0.552758	0.894445	-1.11801	0.380412	0.84609	-1.18191	0.198761	1.28692	1.28692	0.030956	1.60088	1.60088	0.0174317	0.584117	-1.71199	0.705321	0.931864	-1.07312	0.95387	0.989312	-1.0108	2.41803	1.32139	0.485755	1
cg16769442	MAGI3;MAGI3	0.114048	0.139341	0.784806	-1.2742	0.196203	0.812544	-1.2307	0.0686932	1.36658	1.36658	0.197822	0.813232	-1.22966	0.654844	1.07018	1.07018	0.0465501	0.704208	-1.42004	0.169377	0.800415	-1.24935	0.667063	1.06741	1.06741	0.263836	1.19306	1.19306	2.56259	0.901019	0.273471	1
cg03450509	GPR124	0.114048	0.00593679	0.17788	-5.62178	0.290835	1.6922	1.6922	0.689938	1.2122	1.2122	?	?	?	0.999412	0.999647	-1.00035	0.327106	0.615407	-1.62494	0.951688	0.971343	-1.0295	0.548268	1.33847	1.33847	0.215991	0.535339	-1.86797	2.4424	7.91813	3.24195	1
cg15377009	JAZF1	0.114048	0.205781	1.24226	1.24226	0.318855	0.845828	-1.18227	0.614832	1.08596	1.08596	0.374688	1.15962	1.15962	0.0785265	0.727891	-1.37383	0.187408	1.25494	1.25494	0.191548	1.25198	1.25198	0.272156	0.830459	-1.20415	0.0414508	0.682365	-1.46549	2.41801	1.01163	0.371885	1
cg02121517	APOM	0.114049	0.0396874	0.180944	-5.52656	0.0547829	0.208946	-4.78593	0.112278	0.28859	-3.46512	0.290292	2.20081	2.20081	0.50727	0.616597	-1.6218	0.0893672	0.260202	-3.84317	0.0503788	0.201274	-4.96835	0.980926	1.01733	1.01733	0.177574	0.357053	-2.80071	2.41801	19.7838	7.27275	1
cg11967952	TXNDC12;KTI12	0.11405	0.679828	1.09009	1.09009	0.491191	1.15644	1.15644	0.780484	1.05979	1.05979	0.0802731	0.668089	-1.49681	0.426811	0.844796	-1.18372	0.598225	0.895355	-1.11688	0.0127477	0.525569	-1.9027	0.462296	1.16829	1.16829	0.104294	1.44646	1.44646	2.418	1.65468	0.60828	1
cg19913465	FCER2	0.114051	0.299564	0.510616	-1.95842	0.252965	0.474033	-2.10956	0.100091	0.324183	-3.08468	0.782012	0.840791	-1.18936	0.0137993	0.149139	-6.70517	0.47778	0.636844	-1.57024	0.950061	1.03993	1.03993	0.01126	0.13739	-7.27853	0.399559	0.58324	-1.71456	2.41799	14.9683	5.50257	1
cg23763877	CRLS1;CRLS1	0.114051	0.0250165	0.22391	-4.46608	0.102475	0.366825	-2.7261	0.426595	0.634066	-1.57712	0.928566	1.05161	1.05161	0.0488676	0.28298	-3.53381	0.204096	0.471328	-2.12166	0.0375705	0.258196	-3.87302	0.0686273	0.31857	-3.13903	0.110592	0.376897	-2.65325	2.41799	12.0625	4.43435	1
cg20559657	PTPRS;PTPRS;PTPRS;PTPRS	0.114051	0.204498	0.621349	-1.6094	0.131136	1.78476	1.78476	0.37644	1.38069	1.38069	0.902048	0.957184	-1.04473	0.389493	0.730948	-1.36809	0.33261	1.42649	1.42649	0.0441249	0.439582	-2.27489	0.0319759	0.409375	-2.44275	0.379573	0.725888	-1.37762	2.41799	4.83713	1.7782	1
cg17301223	OPLAH	0.114056	0.0723661	4.35523	4.35523	0.733222	0.777982	-1.28538	0.103661	3.691	3.691	0.191806	2.75646	2.75646	0.0377793	5.85821	5.85821	0.519486	0.619305	-1.61471	0.451334	1.75615	1.75615	?	?	?	0.0334671	6.19162	6.19162	2.44232	18.5141	7.58055	1
cg16057598	DLX2	0.114057	0.611475	0.892509	-1.12044	0.538997	0.871034	-1.14806	0.0951908	0.665645	-1.5023	0.264185	0.772319	-1.2948	0.174	0.725383	-1.37858	0.872756	1.03622	1.03622	0.496434	1.16567	1.16567	0.359585	0.81131	-1.23258	0.0117507	2.01106	2.01106	2.41793	1.88714	0.693757	1
cg25811526	SLC4A5	0.114058	0.11741	0.404405	-2.47277	0.0123893	0.190658	-5.24501	0.0213035	0.229167	-4.36364	0.345341	0.596066	-1.67767	0.0795661	0.3549	-2.81769	0.219948	0.503261	-1.98704	0.207964	0.493227	-2.02747	0.920729	0.948388	-1.05442	0.803454	0.875681	-1.14197	2.41793	10.853	3.98981	1
cg02475236	DSCAM	0.114063	0.0816349	0.282937	-3.53435	0.0179072	0.152223	-6.56931	0.119037	0.330606	-3.02475	0.68671	0.767008	-1.30377	0.0374603	0.206067	-4.85279	0.22773	0.436765	-2.28956	0.032836	0.195301	-5.1203	0.194644	0.407559	-2.45363	0.613173	0.716403	-1.39586	2.41788	16.3897	6.02536	1
cg13206013	TESC;TESC;TESC	0.114063	0.897886	1.03127	1.03127	0.0237891	1.90988	1.90988	0.416466	0.819418	-1.22038	0.0929283	0.641905	-1.55786	0.164706	1.42687	1.42687	0.701781	0.911861	-1.09666	0.0566726	1.67758	1.67758	0.69063	0.908519	-1.10069	0.657265	0.898445	-1.11303	2.41788	2.20237	0.80966	1
cg24630516	UVRAG	0.114063	0.385878	0.680444	-1.46963	0.815424	0.903682	-1.10658	0.248797	1.68559	1.68559	0.919534	1.04474	1.04474	0.0565257	0.392571	-2.54731	0.0115912	0.25488	-3.92341	0.306863	0.632441	-1.58117	0.891261	0.942479	-1.06103	0.0664812	0.410104	-2.43841	2.41788	7.18342	2.64085	1
cg01078434	MAS1L	0.114064	0.201246	0.566446	-1.76539	0.308094	0.641296	-1.55934	0.0334383	0.351157	-2.84773	0.0374703	0.361794	-2.76401	0.136106	0.508481	-1.96664	0.265974	0.613779	-1.62925	0.152416	0.524393	-1.90697	0.0130422	0.273346	-3.65837	0.160705	0.532066	-1.87947	2.41786	6.79089	2.49656	1
cg21718653	HBP1	0.114065	0.0589391	1.59552	1.59552	0.31563	1.25517	1.25517	0.129595	1.43146	1.43146	0.414465	1.20049	1.20049	0.806944	0.947783	-1.05509	0.367096	1.22501	1.22501	0.0261887	0.561137	-1.78209	0.200726	0.743771	-1.3445	0.798841	1.05753	1.05753	2.41786	1.83735	0.675476	1
cg16739865	TSPAN9;TSPAN9	0.114065	0.536692	0.825897	-1.2108	0.248898	0.69177	-1.44557	0.0287988	0.454601	-2.19973	0.0932921	1.75849	1.75849	0.0505195	0.505897	-1.97669	0.236234	0.684213	-1.46153	0.562819	1.19588	1.19588	0.589776	0.846684	-1.18108	0.383881	1.3139	1.3139	2.41786	3.57993	1.31611	1
cg06927863	LSM1;LSM1;BAG4	0.114067	0.0215386	0.279703	-3.57522	0.541149	1.33042	1.33042	0.573709	1.29998	1.29998	0.369216	1.53052	1.53052	0.313272	0.617956	-1.61824	0.022788	0.284324	-3.51711	0.611025	1.26709	1.26709	0.344553	1.56725	1.56725	0.825875	0.903316	-1.10703	2.41784	8.15603	2.99846	1
cg10546487	CLIC4	0.11407	0.935612	1.01855	1.01855	0.029347	1.79271	1.79271	0.0887173	1.53274	1.53274	0.409382	1.21155	1.21155	0.0889711	0.652691	-1.53212	0.0804936	1.55414	1.55414	0.390998	0.818812	-1.22128	0.266844	1.30097	1.30097	0.986442	1.00387	1.00387	2.41781	1.98081	0.728231	1
cg25144111	C6orf174	0.11407	0.623677	1.11012	1.11012	0.115989	0.697054	-1.43461	0.748319	0.934255	-1.07037	0.437954	1.18192	1.18192	0.391091	1.20398	1.20398	0.0624673	1.55728	1.55728	0.00917238	2.01168	2.01168	0.377488	1.21082	1.21082	0.792273	1.05734	1.05734	2.41781	1.70888	0.628256	1
cg06497674	PIP5K1C	0.114073	0.462646	0.81672	-1.22441	0.0308528	1.98681	1.98681	0.312841	1.3267	1.3267	0.561752	1.17218	1.17218	0.0489553	0.544014	-1.83819	0.646276	1.1333	1.1333	0.070626	0.578638	-1.7282	0.750763	1.09012	1.09012	0.465766	1.22262	1.22262	2.41779	2.80784	1.03229	1
cg13582495	ZDHHC15;ZDHHC15;ZDHHC15	0.114074	0.138005	0.296473	-3.37299	0.0620215	0.20199	-4.95073	0.681499	0.730413	-1.36909	0.563817	1.55924	1.55924	0.568363	0.644733	-1.55103	0.00769549	0.0737611	-13.5573	0.339953	2.11419	2.11419	0.699697	0.74449	-1.3432	0.712908	1.3249	1.3249	2.41778	22.1902	8.15816	1
cg01470744	UCK1;UCK1	0.114076	0.0561433	1.2798	1.2798	0.138874	0.833859	-1.19924	0.0571215	1.27823	1.27823	0.99839	1.00023	1.00023	0.549617	0.933283	-1.07149	0.797975	0.97117	-1.02969	0.234304	0.867453	-1.1528	0.0818364	1.24598	1.24598	0.220586	1.15822	1.15822	2.41775	0.498084	0.183121	1
cg17669009	SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC	0.114079	0.129776	0.472711	-2.11546	0.194582	0.533546	-1.87425	0.06144	0.381119	-2.62385	0.0728023	0.40001	-2.49993	0.0553075	0.369885	-2.70354	0.295248	0.608392	-1.64368	0.00926602	0.220529	-4.53456	0.452274	0.704284	-1.41988	0.190111	0.529778	-1.88758	2.41773	8.02564	2.95067	1
cg17809414	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.114082	0.584135	0.785226	-1.27352	0.157702	0.513412	-1.94775	0.115644	2.13129	2.13129	0.0489463	0.36689	-2.72562	0.334699	1.54743	1.54743	0.0657046	0.399117	-2.50553	0.132008	2.05134	2.05134	0.476373	0.72827	-1.37312	0.741355	0.865244	-1.15574	2.56222	7.57818	2.3004	1
cg01457413	ZNF846	0.114083	0.0384113	0.775562	-1.28939	0.0463319	1.27357	1.27357	0.153945	1.17554	1.17554	0.850321	1.02022	1.02022	0.964787	0.995333	-1.00469	0.133602	0.842458	-1.187	0.139873	0.845098	-1.1833	0.836917	1.02208	1.02208	0.873586	0.983271	-1.01701	2.41768	0.429863	0.158044	1
cg05179038	BCL11B;BCL11B	0.114085	?	?	?	0.109312	2.04578	2.04578	0.470449	1.35121	1.35121	?	?	?	?	?	?	?	?	?	0.590698	0.800454	-1.24929	0.633364	1.21775	1.21775	0.0156636	3.36857	3.36857	2.56006	3.78552	2.3659	1
cg13863396	CPT2	0.114085	0.324868	0.699865	-1.42885	0.212491	0.630688	-1.58557	0.0440207	0.443827	-2.25313	0.874331	1.05713	1.05713	0.00642968	0.288177	-3.47009	0.497623	1.27342	1.27342	0.792852	0.911754	-1.09679	0.699709	1.14574	1.14574	0.872648	0.945245	-1.05793	2.41767	4.71807	1.73466	1
cg23978242	DIP2C	0.114085	0.169888	3.93298	3.93298	0.0180535	14.736	14.736	0.783884	1.2937	1.2937	0.637973	1.55882	1.55882	0.122583	4.79301	4.79301	0.351167	2.4566	2.4566	0.470361	0.502642	-1.98949	0.0184188	14.5616	14.5616	0.139014	4.44408	4.44408	2.41767	33.5941	12.3513	1
cg05278500	MDGA2	0.114086	0.0598438	0.662474	-1.50949	0.376962	0.838778	-1.19221	0.106353	0.710377	-1.4077	0.351993	0.830491	-1.20411	0.0237475	0.592493	-1.68778	0.191156	0.76461	-1.30786	0.820916	1.04495	1.04495	0.652271	1.09195	1.09195	0.0228372	0.589676	-1.69585	2.41766	1.4399	0.5294	1
cg00920231	NSMAF;NSMAF	0.114086	0.280367	0.793657	-1.25999	0.113824	1.4252	1.4252	0.275539	1.26317	1.26317	0.880397	1.0315	1.0315	0.480296	1.15925	1.15925	0.106602	1.43746	1.43746	0.0322243	0.596565	-1.67626	0.512176	1.14673	1.14673	0.0859723	1.47813	1.47813	2.41766	1.62415	0.597145	1
cg15066489	SLC15A2;SLC15A2	0.114087	0.484811	1.31888	1.31888	0.599195	0.813208	-1.2297	0.163654	1.78526	1.78526	0.0922843	2.05944	2.05944	0.436879	0.734011	-1.36238	0.0617325	0.44027	-2.27133	0.685745	1.17187	1.17187	0.611381	0.818909	-1.22114	0.0255291	2.81416	2.81416	2.41765	5.82061	2.14004	1
cg00260914	SIRT7	0.114087	0.994579	1.00127	1.00127	0.644396	0.916598	-1.09099	0.00749174	1.90598	1.90598	0.100349	1.40115	1.40115	0.690399	0.927727	-1.0779	0.41917	0.856702	-1.16727	0.464825	0.869893	-1.14957	0.377873	1.18475	1.18475	0.146934	1.33865	1.33865	2.41765	1.34428	0.494245	1
cg04567435	KIAA0182;KIAA0182	0.114089	0.489457	0.848355	-1.17875	0.163158	1.41714	1.41714	0.635057	1.1185	1.1185	0.0825829	0.637419	-1.56883	0.304562	0.779547	-1.2828	0.0165657	0.503813	-1.98486	0.780746	0.936732	-1.06754	0.175224	1.40168	1.40168	0.547908	1.15307	1.15307	2.41763	2.10067	0.772354	1
cg25332325	TYSND1;TYSND1;TYSND1;TYSND1	0.114096	0.177434	0.808505	-1.23685	0.0535975	1.38411	1.38411	0.930548	0.987156	-1.01301	0.872341	1.02413	1.02413	0.0322265	0.689388	-1.45056	0.196115	0.816509	-1.22473	0.165119	0.802857	-1.24555	0.947394	0.990262	-1.00983	0.210446	1.21617	1.21617	2.41757	0.842064	0.309609	1
cg20505966	HCG11	0.114096	0.998546	0.999793	-1.00021	0.00908444	0.685751	-1.45825	0.350273	0.896365	-1.11562	0.951758	1.00691	1.00691	0.0404747	1.30902	1.30902	0.444768	0.915166	-1.0927	0.575072	1.06658	1.06658	0.777421	1.03278	1.03278	0.887058	1.0163	1.0163	2.41757	0.495826	0.182305	1
cg01488679	GPR120	0.114096	0.0502143	2.69362	2.69362	0.180921	1.87859	1.87859	0.382638	1.48795	1.48795	0.155388	1.96366	1.96366	0.918663	1.04638	1.04638	0.0645043	2.51383	2.51383	0.0486119	2.7178	2.7178	0.0255415	3.24711	3.24711	0.0498908	2.69842	2.69842	2.41756	7.54345	2.77358	1
cg24091949	CEACAM16	0.114098	0.467435	0.853553	-1.17157	0.536542	1.14343	1.14343	0.942589	1.01554	1.01554	0.75474	1.06941	1.06941	0.0268517	0.570333	-1.75336	0.0491463	1.61759	1.61759	0.085856	1.50158	1.50158	0.874	1.03457	1.03457	0.141439	1.40303	1.40303	2.41755	1.756	0.64565	1
cg22006386	CATSPERG	0.114098	0.927344	0.989143	-1.01098	0.28127	1.14343	1.14343	0.00772612	1.50617	1.50617	0.118251	1.22508	1.22508	0.0506698	1.30542	1.30542	0.805119	1.03003	1.03003	0.0655634	1.28064	1.28064	0.739434	1.04076	1.04076	0.925056	1.01133	1.01133	2.41755	0.548519	0.20168	1
cg10470282	DDX54;DDX54;C12orf52	0.114098	0.756939	0.959574	-1.04213	0.107347	0.791671	-1.26315	0.26125	0.855789	-1.16851	0.0579278	0.752064	-1.32967	0.938974	0.989874	-1.01023	0.737338	1.04576	1.04576	0.0774639	1.29806	1.29806	0.58373	1.07632	1.07632	0.0504033	1.34504	1.34504	2.41755	0.676471	0.248726	1
cg13002809	RBPJ;RBPJ;RBPJ;RBPJ	0.114098	0.164211	0.574122	-1.74179	0.626264	0.832365	-1.2014	0.62785	0.833078	-1.20037	0.85537	1.07059	1.07059	0.292468	0.66476	-1.5043	0.970352	1.01399	1.01399	0.781867	0.901431	-1.10935	0.00591782	3.84203	3.84203	0.23767	1.58798	1.58798	2.41755	5.35175	1.96774	1
cg22778014	COL25A1;COL25A1	0.114099	0.0391652	0.224386	-4.4566	0.0350208	0.214822	-4.65502	0.0587727	0.262752	-3.80587	0.507352	0.656301	-1.52369	0.0433507	0.233426	-4.28401	0.137224	0.367045	-2.72446	0.0579377	0.261293	-3.82712	0.921705	0.940302	-1.06349	0.188204	0.41768	-2.39418	2.41754	15.0099	5.51889	1
cg07447999	ESYT2	0.114101	0.787394	1.06077	1.06077	0.0480272	1.63765	1.63765	0.891138	0.970555	-1.03034	0.337412	0.805857	-1.24091	0.0158561	1.90577	1.90577	0.0487547	1.63432	1.63432	0.245446	1.30362	1.30362	0.285753	1.27376	1.27376	0.8933	0.971135	-1.02972	2.41752	1.82383	0.670596	1
cg04050941	DLGAP2	0.114102	0.0264676	0.439481	-2.27541	0.439451	1.2794	1.2794	0.271304	0.699175	-1.43026	0.0680564	0.528076	-1.89367	0.0202823	0.417087	-2.39758	0.293221	0.711266	-1.40594	0.242989	0.682648	-1.46488	0.247279	0.685226	-1.45937	0.121319	0.591629	-1.69025	2.41751	3.73846	1.37458	1
cg07267782	FAM83B	0.114103	0.320187	3.371	3.371	0.302303	3.54021	3.54021	0.291955	3.64583	3.64583	0.663604	1.67823	1.67823	0.564688	0.5022	-1.99124	0.535304	0.475819	-2.10164	0.162043	5.84881	5.84881	0.00831956	54.0744	54.0744	0.0396728	16.6795	16.6795	2.4175	53.5878	19.7036	1
cg15804782	ARNT2;ARNT2	0.114103	0.931928	1.01741	1.01741	0.023565	1.72673	1.72673	0.150962	1.36467	1.36467	0.736193	0.933974	-1.07069	0.893128	0.973212	-1.02753	0.731001	1.0722	1.0722	0.399638	0.840146	-1.19027	0.147992	0.730875	-1.36822	0.0317934	1.66257	1.66257	2.4175	1.56243	0.574487	1
cg20430047	C20orf26	0.114103	0.952219	0.958194	-1.04363	0.246807	0.421871	-2.37039	0.102982	0.280488	-3.56521	0.189368	2.69336	2.69336	0.77536	0.815542	-1.22618	0.0600068	0.220453	-4.53611	0.0226341	0.142976	-6.99418	0.246036	2.37404	2.37404	0.48018	0.599615	-1.66774	2.4175	19.4456	7.14993	1
cg18800827	FZD2	0.114103	0.0105728	0.403553	-2.47799	0.20605	0.686336	-1.45701	0.196702	0.680339	-1.46986	0.452879	0.805912	-1.24083	0.248946	0.711735	-1.40502	0.403569	0.785694	-1.27276	0.962391	0.986783	-1.01339	0.0134324	0.421578	-2.37204	0.174351	0.665158	-1.5034	2.4175	3.04868	1.12097	1
cg13843771	MSH5;MSH5;MSH5;MSH5;MSH5	0.114105	0.705914	1.09458	1.09458	0.736678	1.08378	1.08378	0.440407	1.2063	1.2063	0.28484	0.767338	-1.30321	0.513734	0.853961	-1.17101	0.135395	0.681365	-1.46764	0.00512828	0.414209	-2.41424	0.292634	0.770849	-1.29727	0.526707	1.16522	1.16522	2.41749	2.17575	0.800006	1
cg21851553	TRPM1	0.114111	0.112507	3.62447	3.62447	0.684321	1.35616	1.35616	0.133395	0.2992	-3.34225	0.31056	2.18586	2.18586	0.214891	2.646	2.646	0.116817	3.56047	3.56047	0.0178299	8.55552	8.55552	0.39769	1.9068	1.9068	0.0824437	4.19434	4.19434	2.41743	21.2679	7.82023	1
cg02364826	FEM1C	0.114112	0.177569	0.525249	-1.90386	0.38946	0.672803	-1.48632	0.109887	2.18826	2.18826	0.872238	0.930232	-1.075	0.111311	0.458666	-2.18023	0.256598	0.587372	-1.7025	0.0221652	0.291596	-3.4294	0.0545341	0.375261	-2.66481	0.901889	0.946089	-1.05698	2.41742	7.73109	2.84274	1
cg25306584	NTRK1;INSRR	0.114113	0.551872	1.23207	1.23207	0.0170076	0.364579	-2.74289	0.377826	1.36854	1.36854	0.715599	1.13527	1.13527	0.100636	0.536046	-1.86551	0.69022	0.87031	-1.14902	0.228882	1.54934	1.54934	0.089619	1.91333	1.91333	0.726259	1.12961	1.12961	2.4174	4.60278	1.69246	1
cg07398954	NCOR2;NCOR2	0.114114	0.951954	1.01095	1.01095	0.218634	1.26334	1.26334	0.0710746	1.43949	1.43949	0.833608	1.03874	1.03874	0.616662	0.91285	-1.09547	0.448687	1.14969	1.14969	0.00441009	1.98707	1.98707	0.827986	1.0401	1.0401	0.60934	0.911088	-1.09759	2.4174	1.24969	0.459516	1
cg11132246	IL12RB2	0.114114	0.15727	0.476335	-2.09936	0.14749	0.466691	-2.14275	0.771636	0.867014	-1.15338	0.0269321	0.276699	-3.61403	0.129341	0.447727	-2.23351	0.0180545	0.244545	-4.08922	0.0966115	0.408839	-2.44595	0.05434	0.342798	-2.91717	0.276661	0.574173	-1.74164	2.4174	9.20554	3.38493	1
cg21150537	KCNG2	0.114122	0.203529	0.732826	-1.36458	0.394047	1.22409	1.22409	0.759205	0.931268	-1.0738	0.369011	1.23824	1.23824	0.0108662	0.476784	-2.09738	0.265815	0.764482	-1.30808	0.696809	0.913303	-1.09493	0.13585	0.689181	-1.451	0.0620468	0.614715	-1.62677	2.41732	2.05369	0.755174	1
cg10054398	HIVEP3;HIVEP3	0.114123	0.689592	0.889191	-1.12462	0.810097	0.932	-1.07296	0.600123	0.856644	-1.16735	0.834091	0.940489	-1.06328	0.103586	1.68324	1.68324	0.0481098	1.93636	1.93636	0.0408295	1.99495	1.99495	0.0366301	2.03471	2.03471	0.451652	0.799059	-1.25147	2.41731	3.27605	1.20466	1
cg02921920	RAVER1	0.114125	0.8818	1.0238	1.0238	0.400363	1.14578	1.14578	0.756564	0.952031	-1.05039	0.624783	1.08104	1.08104	0.103715	0.754813	-1.32483	0.328717	0.852686	-1.17276	0.00595966	1.76544	1.76544	0.955347	1.00889	1.00889	0.585081	0.916532	-1.09107	2.4173	0.956793	0.351832	1
cg00508575	ATP2B1;ATP2B1	0.114125	0.0847986	0.575896	-1.73642	0.307024	1.3582	1.3582	0.876782	1.04595	1.04595	0.251349	0.706827	-1.41477	0.110999	0.6049	-1.65317	0.0287472	0.473884	-2.11022	0.633519	0.870172	-1.1492	0.16195	1.54087	1.54087	0.132443	0.624968	-1.60008	2.41729	3.20903	1.18003	1
cg16327883	TMEM87B	0.114126	0.557739	1.16468	1.16468	0.332018	1.29348	1.29348	0.0100074	2.30743	2.30743	0.628938	1.13338	1.13338	0.909349	0.971137	-1.02972	0.0887294	1.62061	1.62061	0.255659	0.737024	-1.35681	0.136626	1.51035	1.51035	0.0844079	1.63372	1.63372	2.41729	2.53138	0.930842	1
cg14075496	CDC37L1	0.114128	0.265246	0.879702	-1.13675	0.548039	1.06941	1.06941	0.674222	1.04778	1.04778	0.698153	1.04396	1.04396	0.614211	0.945434	-1.05771	0.014366	0.716658	-1.39537	0.149016	0.842959	-1.1863	0.168107	0.850306	-1.17605	0.0893899	1.22969	1.22969	2.41727	0.46657	0.171569	1
cg26140120	FAM83A;FAM83A	0.114128	0.36882	1.62388	1.62388	0.0766196	2.81363	2.81363	0.33654	0.594245	-1.68281	0.204413	0.494886	-2.02067	0.573776	1.34788	1.34788	0.0371282	0.280526	-3.56474	0.711806	1.21519	1.21519	0.0674542	2.93355	2.93355	0.458454	1.48667	1.48667	2.41727	10.5622	3.88397	1
cg01442589	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.114133	0.635232	0.933166	-1.07162	0.562499	0.918735	-1.08845	0.252054	0.840973	-1.1891	0.916668	1.01527	1.01527	0.012292	1.57044	1.57044	0.947167	1.00964	1.00964	0.0504401	0.724161	-1.38091	0.899136	1.01853	1.01853	0.21945	1.20554	1.20554	2.41722	0.80215	0.294976	1
cg07705964	MGST2;MGST2	0.114134	0.692831	0.73239	-1.36539	0.229385	2.68957	2.68957	0.417811	0.522308	-1.91458	0.193992	0.340277	-2.93878	0.49992	0.584395	-1.71117	0.295709	0.427157	-2.34106	0.904044	0.909731	-1.09923	0.891205	1.11333	1.11333	0.00665027	15.8421	15.8421	2.41721	23.5577	8.66295	1
cg05800758	SPAG1;SPAG1	0.114136	0.208363	0.754619	-1.32517	0.399873	1.20073	1.20073	0.0176634	1.84525	1.84525	0.0567346	1.58055	1.58055	0.481429	1.16404	1.16404	0.89331	1.02889	1.02889	0.28441	0.789748	-1.26623	0.0967964	1.47246	1.47246	0.577742	1.12679	1.12679	2.41719	1.72493	0.634317	1
cg06969777	LRP5	0.114138	0.265422	0.576231	-1.73542	0.0355139	3.19815	3.19815	0.677942	1.2194	1.2194	0.79166	0.881837	-1.134	0.0264805	0.286623	-3.48891	0.994046	1.00355	1.00355	0.461374	1.42786	1.42786	0.0940914	0.417151	-2.39722	0.526834	0.737441	-1.35604	2.41718	8.63682	3.1761	1
cg14304761	SYK;SYK;SYK;SYK;SYK	0.114138	0.545067	0.712972	-1.40258	0.107045	2.64262	2.64262	0.401612	0.622394	-1.6067	0.613435	1.32495	1.32495	0.802295	1.14864	1.14864	0.518953	1.43498	1.43498	0.625105	1.3126	1.3126	0.00370016	8.72839	8.72839	0.795269	1.15446	1.15446	2.41717	11.6802	4.29525	1
cg18233544	STK32C	0.114138	0.908063	1.03339	1.03339	0.0283847	2.08667	2.08667	0.667785	1.1306	1.1306	0.904	0.966279	-1.0349	0.129321	0.627555	-1.59349	0.677519	1.12625	1.12625	0.0156174	2.3228	2.3228	0.347061	1.31688	1.31688	0.553934	0.843487	-1.18555	2.41717	3.09411	1.13783	1
cg23510131	GHRHR	0.114138	0.456119	0.806898	-1.23931	0.490979	1.21867	1.21867	0.00779945	0.380781	-2.62618	0.467348	0.811349	-1.23251	0.138453	0.637066	-1.5697	0.54665	1.1882	1.1882	0.147042	1.55254	1.55254	0.549636	0.842715	-1.18664	0.35263	0.763095	-1.31045	2.41717	3.05906	1.12494	1
cg24971957	ABCA5;ABCA5	0.114139	0.392467	1.1736	1.1736	0.825101	0.960366	-1.04127	0.254187	1.24304	1.24304	0.45498	1.14918	1.14918	0.589444	0.905247	-1.10467	0.975729	1.00557	1.00557	0.00872568	0.543044	-1.84147	0.287986	0.817448	-1.22332	0.115801	1.36662	1.36662	2.41716	1.27812	0.470017	1
cg15503006	FAM20B	0.114148	0.0193285	0.52192	-1.916	0.463742	1.18699	1.18699	0.0928314	1.52966	1.52966	0.306033	1.27583	1.27583	0.69495	0.913395	-1.09482	0.636402	0.896323	-1.11567	0.119459	1.47455	1.47455	0.14558	1.43214	1.43214	0.510091	1.166	1.166	2.41708	2.02247	0.74377	1
cg04227945	IQSEC3;IQSEC3	0.114148	0.0212032	0.340016	-2.94104	0.353951	1.44969	1.44969	0.205824	0.59472	-1.68146	0.640191	0.83251	-1.20119	0.0468193	0.412229	-2.42584	0.786321	0.899601	-1.1116	0.116358	0.514575	-1.94335	0.0372997	0.390172	-2.56297	0.443241	0.737572	-1.3558	2.41707	5.80401	2.13445	1
cg18818135	C12orf40	0.11415	0.293439	0.806961	-1.23922	0.737609	0.93597	-1.06841	0.387836	0.840139	-1.19028	0.714124	1.07509	1.07509	0.00454229	0.475216	-2.10431	0.431457	0.853835	-1.17119	0.400793	1.18442	1.18442	0.248086	1.26824	1.26824	0.471594	0.86579	-1.15501	2.41706	1.48265	0.545255	1
cg08682544	CMTM3;CMTM3;CMTM3;CMTM3;CMTM3	0.114152	0.239037	1.86322	1.86322	0.0528732	3.03588	3.03588	0.0686615	2.79688	2.79688	0.201393	1.9757	1.9757	?	?	?	0.961318	1.02478	1.02478	0.129335	0.43732	-2.28666	0.177085	0.484776	-2.06281	0.722542	0.83533	-1.19713	2.4414	8.75442	3.58582	1
cg20788133	LOC643837	0.114154	0.566832	0.78213	-1.27856	0.0168068	0.289827	-3.45033	0.0642749	0.413754	-2.41689	0.254119	0.603214	-1.65779	0.892338	1.05917	1.05917	0.847211	0.921382	-1.08533	0.0637193	2.42244	2.42244	0.550533	1.29224	1.29224	0.979243	0.989018	-1.0111	2.41702	6.89727	2.53655	1
cg06995408	LHCGR	0.114156	0.840878	1.08945	1.08945	0.478824	1.35911	1.35911	0.575498	0.785758	-1.27266	0.278666	0.61876	-1.61613	0.0172575	0.290476	-3.44263	0.019159	0.2988	-3.34672	0.083699	0.442299	-2.26092	0.893935	1.0585	1.0585	0.385527	0.684457	-1.46101	2.417	6.95233	2.55682	1
cg06871999	LHFPL3	0.114156	0.0721811	0.244909	-4.08315	0.0169732	0.129886	-7.69907	0.141187	0.329759	-3.03252	0.372204	0.526082	-1.90085	0.0381878	0.185573	-5.38871	0.171801	0.360666	-2.77265	0.0388908	0.187055	-5.34603	0.81357	0.847368	-1.18012	0.206164	0.392635	-2.5469	2.417	18.8148	6.91941	1
cg12085155	ELFN2	0.114156	0.626186	0.889128	-1.1247	0.486089	1.18463	1.18463	0.0759534	1.60445	1.60445	0.0714687	1.6191	1.6191	0.0309949	0.545399	-1.83352	0.778944	1.06969	1.06969	0.9486	0.984685	-1.01555	0.244029	1.33881	1.33881	0.194587	0.720014	-1.38886	2.417	2.19372	0.806775	1
cg01923473	ST18	0.114156	0.882533	1.02165	1.02165	0.85984	1.02594	1.02594	0.624508	0.931017	-1.07409	0.394001	1.13485	1.13485	0.0528803	1.37548	1.37548	0.387209	1.13703	1.13703	0.00398097	1.75233	1.75233	0.984783	1.00277	1.00277	0.381115	1.13901	1.13901	2.417	0.803636	0.29555	1
cg07239593	HNRNPR;HNRNPR;HNRNPR;HNRNPR	0.114156	0.0260158	3.11221	3.11221	0.0307073	0.335953	-2.97661	0.260438	1.65603	1.65603	0.858563	1.07967	1.07967	0.449727	1.39236	1.39236	0.597477	0.795332	-1.25734	0.837274	0.915416	-1.0924	0.38801	0.683715	-1.4626	?	?	?	2.44135	6.3472	2.59987	1
cg08631650	CAMK2A;CAMK2A	0.114157	0.252351	0.616837	-1.62117	0.958864	1.02106	1.02106	0.0925699	2.11264	2.11264	0.461763	1.35355	1.35355	0.0611047	0.426223	-2.34619	0.233643	0.603766	-1.65627	0.0324826	0.363678	-2.74968	0.12237	0.508383	-1.96702	0.923177	0.961775	-1.03974	2.41699	6.25029	2.29865	1
cg18901940	MYPN;MYPN	0.114157	0.845318	0.929265	-1.07612	0.51162	1.28405	1.28405	0.661798	0.847622	-1.17977	0.612711	0.825534	-1.21134	0.00689409	0.268822	-3.71994	0.154458	0.564128	-1.77265	0.0325977	0.390886	-2.55829	0.844078	1.07676	1.07676	0.376687	0.71126	-1.40596	2.41699	5.39997	1.98593	1
cg09032791	CAMSAP1L1	0.114157	0.329628	1.50363	1.50363	0.020827	3.08887	3.08887	0.438363	1.37778	1.37778	0.117856	1.99072	1.99072	0.679883	1.18319	1.18319	0.98357	1.00838	1.00838	0.0948451	2.10485	2.10485	0.00957824	3.78082	3.78082	0.357708	1.46738	1.46738	2.41699	6.2921	2.31403	1
cg05877367	HKDC1	0.114158	0.410294	0.646636	-1.54647	0.474972	0.686485	-1.4567	0.00798147	0.171938	-5.81604	0.0247573	0.250573	-3.99086	0.0833453	0.370651	-2.69796	0.962545	0.975979	-1.02461	0.294309	0.569389	-1.75627	0.148199	0.447937	-2.23246	0.499065	0.700968	-1.4266	2.41698	10.2623	3.77415	1
cg14236413	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.114159	0.183929	0.382139	-2.61685	0.755037	1.23811	1.23811	0.09281	0.28307	-3.5327	0.166024	2.74014	2.74014	0.0100315	0.108827	-9.18886	0.219509	0.41431	-2.41365	0.704451	0.770997	-1.29702	0.764773	1.22726	1.22726	0.757474	1.23538	1.23538	2.41697	17.8274	6.55639	1
cg12277666	TDRD5	0.114161	0.0754151	7.28317	7.28317	0.120027	5.42943	5.42943	0.103727	5.95831	5.95831	0.673409	1.52996	1.52996	0.755212	1.36852	1.36852	0.489668	0.494622	-2.02175	0.726527	0.703118	-1.42224	0.0180528	17.8355	17.8355	0.0466347	9.83006	9.83006	2.41696	38.5188	14.1661	1
cg24282401	PPP2R2D;PPP2R2D;PPP2R2D	0.114162	0.463873	0.80969	-1.23504	0.0142619	0.424926	-2.35335	0.0735818	0.568462	-1.75913	0.547906	0.841832	-1.18789	0.042061	0.515164	-1.94113	0.35263	0.762748	-1.31105	0.171219	1.51061	1.51061	0.662156	0.882945	-1.13257	0.757309	0.915973	-1.09174	2.41694	3.06907	1.12872	1
cg18568570	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.114163	0.226001	0.764674	-1.30775	0.353444	0.817513	-1.22322	0.0190827	0.549516	-1.81978	0.170304	0.734775	-1.36096	0.0563881	0.633865	-1.57762	0.750233	0.934822	-1.06972	0.242922	1.29418	1.29418	0.922953	1.02062	1.02062	0.0529596	0.628675	-1.59065	2.41693	1.70478	0.626976	1
cg23702117	SFI1;SFI1	0.114163	0.265622	0.669743	-1.49311	0.162078	0.596991	-1.67507	0.327769	1.41776	1.41776	0.513831	0.795494	-1.25708	0.00981208	0.32365	-3.08976	0.973716	1.01145	1.01145	0.120221	1.79042	1.79042	0.577093	0.823108	-1.21491	0.55729	1.22765	1.22765	2.41693	4.57087	1.68105	1
cg23119628	EIF2C2;EIF2C2	0.114165	0.936117	1.04415	1.04415	0.0889164	2.74926	2.74926	0.913635	1.06022	1.06022	0.438093	1.53162	1.53162	0.110181	0.391248	-2.55592	0.504254	1.44091	1.44091	0.238683	0.514184	-1.94483	0.0155038	4.95486	4.95486	0.216232	2.01665	2.01665	2.41692	11.1211	4.09008	1
cg14967768	RFC5;RFC5;RFC5;RFC5	0.11417	0.70221	1.13489	1.13489	0.0170502	2.6065	2.6065	0.403424	1.32528	1.32528	0.419764	1.31196	1.31196	0.235399	0.663912	-1.50622	0.513225	1.24409	1.24409	0.0536917	0.485966	-2.05776	0.227999	1.51709	1.51709	0.305807	1.418	1.418	2.41687	4.15282	1.52734	1
cg06748468	DHPS;DHPS;DHPS	0.11417	0.234843	1.92393	1.92393	0.509912	1.42089	1.42089	0.527901	1.39946	1.39946	0.373623	1.61601	1.61601	0.00670208	0.157543	-6.34749	0.166375	2.17169	2.17169	0.532399	0.717248	-1.39422	0.599689	1.3209	1.3209	0.9237	0.950903	-1.05163	2.41687	10.5713	3.88795	1
cg24185628	F12	0.114175	0.687613	0.88507	-1.12985	0.0419842	2.02963	2.02963	0.33854	1.34713	1.34713	0.0168296	2.41329	2.41329	0.348705	0.747221	-1.33829	0.927243	1.02797	1.02797	0.20865	1.49232	1.49232	0.113202	1.68315	1.68315	0.122153	1.65869	1.65869	2.41682	3.49195	1.28431	1
cg10883442	C7orf50;C7orf50;C7orf50	0.114177	0.0454214	0.372475	-2.68474	0.0146988	0.274582	-3.64191	0.0921195	0.450256	-2.22096	0.388264	0.683476	-1.46311	0.0418235	0.364349	-2.74462	0.285504	0.620387	-1.6119	0.0845307	0.439919	-2.27314	0.12907	0.493677	-2.02562	0.23288	0.583699	-1.71321	2.4168	7.0898	2.6076	1
cg17283083	HK1;HK1;HK1;HK1;HK1	0.114181	0.259909	0.631469	-1.58361	0.706724	0.862552	-1.15935	0.275393	1.55873	1.55873	0.202973	0.591129	-1.69168	0.042301	0.400552	-2.49656	0.2776	0.642958	-1.55531	0.0133761	0.301666	-3.31492	0.238571	0.617016	-1.6207	0.0999281	0.494007	-2.02426	2.41676	5.85687	2.15416	1
cg13706066	HDAC11;HDAC11	0.114183	0.0279501	1.37242	1.37242	0.449376	0.910313	-1.09852	0.377445	1.11672	1.11672	0.0611626	1.29329	1.29329	0.544703	1.07759	1.07759	0.155771	1.20337	1.20337	0.0866408	0.793977	-1.25948	0.868735	0.98004	-1.02037	0.495543	0.919104	-1.08802	2.41675	0.56876	0.209192	1
cg02604890	VAC14	0.114183	0.499008	0.805709	-1.24114	0.00990357	2.78911	2.78911	0.932955	1.02684	1.02684	0.971466	1.01132	1.01132	0.0768095	0.538227	-1.85795	0.551481	0.82724	-1.20884	0.799069	1.08361	1.08361	0.53962	1.2159	1.2159	0.132975	0.600336	-1.66573	2.41674	3.79271	1.39497	1
cg03954150	C18orf55;FBXO15;FBXO15	0.114185	0.87823	1.02705	1.02705	0.0737679	1.41478	1.41478	0.054612	1.46162	1.46162	0.82962	1.03823	1.03823	0.215277	1.25491	1.25491	0.3618	1.17725	1.17725	0.0216206	0.618693	-1.61631	0.963244	1.00805	1.00805	0.695077	0.933722	-1.07098	2.41673	1.15991	0.426621	1
cg04612276	KIAA1549;KIAA1549	0.114188	0.876373	1.04392	1.04392	0.0106304	0.411939	-2.42754	0.141071	0.64595	-1.54811	0.883238	1.04141	1.04141	0.334941	0.759926	-1.31592	0.0509092	1.84778	1.84778	0.986595	1.00465	1.00465	0.771569	1.08369	1.08369	0.770739	0.922495	-1.08402	2.4167	2.9175	1.07309	1
cg03027547	PLEKHG1	0.114188	0.12203	0.712915	-1.40269	0.030105	0.597513	-1.6736	0.0848413	0.680606	-1.46928	0.411555	0.844063	-1.18475	0.780061	0.945047	-1.05815	0.700681	1.08111	1.08111	0.0455499	1.58876	1.58876	0.420057	0.846766	-1.18096	0.815176	1.04841	1.04841	2.4167	1.5603	0.573897	1
cg23591595	CCDC144B	0.11419	0.438639	0.802377	-1.2463	0.202304	0.687151	-1.45529	0.832046	1.06098	1.06098	0.265294	0.723566	-1.38204	0.985143	1.0052	1.0052	0.285877	1.36195	1.36195	0.348193	0.763994	-1.30891	0.0322534	2.01156	2.01156	0.0315551	2.01923	2.01923	2.41668	2.97331	1.09363	1
cg04765285	NUP153	0.114192	0.170891	0.842575	-1.18684	0.0366022	1.3302	1.3302	0.568988	1.06996	1.06996	0.658853	1.05358	1.05358	0.76782	1.03539	1.03539	0.459282	1.09255	1.09255	0.0582716	1.28582	1.28582	0.0182014	1.40046	1.40046	0.369628	1.11431	1.11431	2.41666	0.528206	0.194283	1
cg15458322	COL5A3	0.114195	0.073511	0.581746	-1.71896	0.0219598	2.1089	2.1089	0.754399	1.08894	1.08894	0.147176	0.655522	-1.5255	0.510121	0.834113	-1.19888	0.856878	0.952169	-1.05023	0.183242	1.46722	1.46722	0.183539	1.4668	1.4668	0.963154	1.01262	1.01262	2.41664	2.82112	1.03767	1
cg09990582	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.114197	0.128154	0.166208	-6.01654	0.422835	2.42394	2.42394	0.655554	0.616032	-1.62329	0.881111	0.850994	-1.1751	0.835301	0.798938	-1.25166	0.0174777	0.0400336	-24.979	0.0192655	0.0430217	-23.2441	0.867546	1.19717	1.19717	0.47895	2.17681	2.17681	2.561	46.1416	14.0133	1
cg01656750	KATNB1	0.1142	0.893086	1.05728	1.05728	0.794477	0.897512	-1.11419	0.0515179	0.399302	-2.50437	0.0288188	2.90873	2.90873	0.121496	0.498908	-2.00438	0.806116	0.903164	-1.10722	0.0726537	0.43628	-2.29211	0.467722	0.736353	-1.35804	0.66192	1.1999	1.1999	2.41659	6.56573	2.41506	1
cg01804370	ZNF282	0.114201	0.769817	1.0825	1.0825	0.0561284	1.79402	1.79402	0.286256	1.34878	1.34878	0.752752	1.08913	1.08913	0.726443	1.09955	1.09955	0.426237	1.24545	1.24545	0.366937	1.28455	1.28455	0.985613	1.00488	1.00488	0.00896313	0.407374	-2.45475	2.41658	2.79371	1.02761	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07642259	NDP	0.114202	0.0683808	0.276604	-3.61528	0.00346511	0.082132	-12.1755	0.706211	0.787796	-1.26936	0.951949	0.962755	-1.03869	0.198068	0.424517	-2.35562	0.199737	0.42602	-2.34731	0.588395	0.708835	-1.41077	0.33548	0.534962	-1.86929	0.758445	0.823425	-1.21444	2.41657	15.1832	5.58484	1
cg15186648	BIVM;KDELC1;BIVM	0.114202	0.0290586	0.537579	-1.86019	0.151497	1.44884	1.44884	0.719614	0.916708	-1.09086	0.52984	0.857661	-1.16596	0.803342	1.06205	1.06205	0.528655	0.857272	-1.16649	0.026335	0.529654	-1.88803	0.686547	0.906763	-1.10282	0.0602283	0.599698	-1.66751	2.41656	2.22765	0.819401	1
cg19546372	ATG2A	0.114205	0.0561003	0.658359	-1.51893	0.158842	0.747547	-1.33771	0.0280431	0.605716	-1.65094	0.277317	0.803897	-1.24394	0.0424474	0.636696	-1.57061	0.451261	0.862182	-1.15985	0.393026	1.18418	1.18418	0.774012	0.945898	-1.0572	0.0576313	0.660491	-1.51403	2.41654	1.42859	0.525485	1
cg13541788	TMC2	0.114205	0.341335	0.582291	-1.71735	0.627543	1.30953	1.30953	0.306631	0.557805	-1.79274	0.361804	0.596306	-1.67699	0.442482	0.64927	-1.54019	0.279078	0.537576	-1.8602	0.0024917	0.0984779	-10.1546	0.903109	0.935037	-1.06948	0.407706	0.626821	-1.59535	2.41654	11.6424	4.2825	1
cg22199628	PPP1R12A;PPP1R12A	0.114206	0.221778	0.882606	-1.13301	0.198363	0.87618	-1.14132	0.882807	1.01445	1.01445	0.311638	0.903223	-1.10715	0.261275	0.892327	-1.12067	0.0821376	1.20597	1.20597	0.0545151	0.808868	-1.2363	0.024288	0.770209	-1.29835	0.980018	0.997568	-1.00244	2.41653	0.361897	0.133119	1
cg01436608	GLT25D2	0.114209	0.587581	0.871393	-1.14759	0.0197219	2.02989	2.02989	0.536073	1.17061	1.17061	0.24259	1.35993	1.35993	0.0878665	1.6057	1.6057	0.353918	0.786807	-1.27096	0.0991206	0.634764	-1.57539	0.518668	0.84833	-1.17879	0.387829	1.24921	1.24921	2.4165	2.41877	0.889725	1
cg08078058	EGLN2;EGLN2	0.11421	0.138098	3.09624	3.09624	0.685105	1.33452	1.33452	0.773398	1.22673	1.22673	0.468911	1.68469	1.68469	0.196113	0.38	-2.63158	0.28546	0.455997	-2.19299	0.00683882	0.0837743	-11.9368	0.740044	0.790024	-1.26578	0.791933	1.2058	1.2058	2.41649	19.1754	7.05351	1
cg04025964	NR5A2;NR5A2	0.11421	0.0225989	6.27066	6.27066	0.329336	1.96779	1.96779	0.348335	0.522447	-1.91407	0.0241731	6.0947	6.0947	0.617423	0.712753	-1.40301	0.204567	0.406505	-2.45999	0.913696	0.929697	-1.07562	0.605201	1.41998	1.41998	0.391379	1.80488	1.80488	2.41649	17.3038	6.36509	1
cg17448335	CRHBP	0.11421	0.542485	0.890612	-1.12282	0.336194	0.829997	-1.20482	0.133533	0.737796	-1.35539	0.700112	1.07543	1.07543	0.324344	1.21077	1.21077	0.690788	0.927622	-1.07803	0.0117525	0.553569	-1.80646	0.20704	1.28407	1.28407	0.204866	1.28578	1.28578	2.41649	1.35131	0.497069	1
cg06174858	TDGF1;LRRC2	0.114213	0.11377	0.313417	-3.19063	0.873777	1.11316	1.11316	0.182268	0.384988	-2.59748	0.48773	0.621649	-1.60863	0.0136563	0.127857	-7.82123	0.417253	0.571785	-1.74891	0.227757	0.425825	-2.34838	0.0196045	0.149345	-6.69588	0.0892938	0.2827	-3.53732	2.41647	17.4009	6.40085	1
cg15965277	INTS12;INTS12;GSTCD	0.114215	0.624283	0.941653	-1.06196	0.700881	1.04813	1.04813	0.564876	1.07344	1.07344	0.478861	0.916058	-1.09163	0.558628	1.07469	1.07469	0.00354377	0.617937	-1.61829	0.201119	0.848382	-1.17871	0.982137	1.00273	1.00273	0.543375	1.07779	1.07779	2.41645	0.567629	0.208802	1
cg11210604	TXNDC6;TXNDC6	0.114215	?	?	?	0.694109	1.22832	1.22832	0.804089	0.878701	-1.13804	0.101928	0.393985	-2.53817	0.0382748	0.286732	-3.48758	0.91876	0.948304	-1.05451	0.0170409	0.220159	-4.54218	0.652523	1.26594	1.26594	0.436986	1.51066	1.51066	2.44078	9.30117	3.81073	1
cg15035528	ACCSL	0.114216	0.865038	0.947136	-1.05581	0.0455376	0.480885	-2.0795	0.439629	0.777519	-1.28614	0.667574	0.871145	-1.14791	0.236274	0.672855	-1.4862	0.0496232	0.489146	-2.04438	0.868826	0.948597	-1.05419	0.428162	0.772389	-1.29468	0.00630922	0.321199	-3.11333	2.41644	3.90116	1.43504	1
cg06083330	POU4F2	0.114216	0.0230199	16.2127	16.2127	0.278686	3.17133	3.17133	0.168441	4.49883	4.49883	0.160417	4.64852	4.64852	0.258795	0.299015	-3.34431	0.941908	1.07754	1.07754	0.813919	1.27329	1.27329	0.0289981	13.9785	13.9785	0.105523	6.12271	6.12271	2.41644	40.183	14.7814	1
cg10879244	MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.114216	0.140921	0.494839	-2.02086	0.274645	1.65689	1.65689	0.0223998	3.37166	3.37166	0.970621	0.983772	-1.0165	0.0982506	0.446807	-2.2381	0.275668	1.65497	1.65497	0.196824	0.545423	-1.83344	0.506413	0.741199	-1.34917	0.61096	0.796197	-1.25597	2.41643	7.55291	2.77835	1
cg22800959	TNXB	0.114222	0.406567	1.21918	1.21918	0.497691	1.17433	1.17433	0.0756141	0.630249	-1.58667	0.678703	1.10211	1.10211	0.00995724	0.467775	-2.13778	0.303052	0.77957	-1.28276	0.467605	1.1883	1.1883	0.521027	1.16397	1.16397	0.26556	0.762759	-1.31103	2.41638	2.08511	0.767028	1
cg25160593	ZNF197;ZNF197	0.114224	0.0425258	2.12035	2.12035	0.0755764	0.52913	-1.88989	0.766676	1.10049	1.10049	0.417293	0.765869	-1.30571	0.800493	0.921747	-1.0849	0.0276417	0.432604	-2.31158	0.31173	1.40041	1.40041	0.527497	1.22876	1.22876	0.937985	0.975272	-1.02536	2.41636	3.96285	1.45778	1
cg02479196	MARCH7;MARCH7	0.114227	0.0889649	0.785137	-1.27366	0.174321	1.20483	1.20483	0.0154644	1.46678	1.46678	0.182168	1.20032	1.20032	0.908152	1.01499	1.01499	0.732806	0.956774	-1.04518	0.203723	0.841154	-1.18884	0.968128	0.994861	-1.00517	0.467613	1.09999	1.09999	2.41633	0.636316	0.23408	1
cg00292971	FAM131B;FAM131B	0.114228	0.94751	0.964626	-1.03667	0.0318759	3.95786	3.95786	0.111928	2.57767	2.57767	0.0650177	3.10597	3.10597	0.110777	0.386557	-2.58694	0.591512	0.743541	-1.34492	0.593875	0.744972	-1.34233	0.611016	1.32391	1.32391	0.133151	2.426	2.426	2.41632	11.4509	4.21244	1
cg18588930	ZNF616	0.114231	0.329744	1.24722	1.24722	0.202491	1.34385	1.34385	0.0767813	0.649022	-1.54078	0.760379	0.935021	-1.0695	0.848328	1.04295	1.04295	0.192585	1.35378	1.35378	0.0103772	2.03196	2.03196	0.618194	0.895509	-1.11668	0.931847	0.981388	-1.01896	2.41629	1.84615	0.679148	1
cg27223543	RNF220	0.114234	0.249132	0.849658	-1.17694	0.314717	0.868823	-1.15098	0.269555	1.16825	1.16825	0.275939	0.857884	-1.16566	0.358573	1.1362	1.1362	0.749584	0.957612	-1.04426	0.0109581	0.649336	-1.54003	0.492945	0.91012	-1.09876	0.146018	1.23502	1.23502	2.41627	0.700056	0.257535	1
cg13731636	NFATC1;NFATC1;NFATC1;NFATC1	0.114239	0.597269	1.29696	1.29696	0.464119	1.43818	1.43818	0.00209367	8.25727	8.25727	0.880832	1.0759	1.0759	0.713165	0.835218	-1.19729	0.561612	1.33138	1.33138	0.673345	1.22971	1.22971	0.929372	1.04418	1.04418	0.683216	0.818655	-1.22152	2.41622	9.10131	3.34822	1
cg11970695	TP73;TP73;TP73;TP73	0.114239	0.0419649	0.303927	-3.29027	0.0963163	0.395407	-2.52904	0.922426	1.05074	1.05074	0.452451	0.677775	-1.47542	0.0683308	0.354504	-2.82084	0.139552	0.4458	-2.24316	0.0176553	0.230703	-4.33458	0.0572796	0.335277	-2.9826	0.329228	0.599504	-1.66804	2.41622	9.88032	3.63481	1
cg11765205	ARL11	0.11424	0.115801	0.57183	-1.74877	0.267841	1.45848	1.45848	0.686881	0.875908	-1.14167	0.653029	1.15947	1.15947	0.248992	0.674368	-1.48287	0.937846	1.02583	1.02583	0.228646	1.51151	1.51151	0.00937391	2.93638	2.93638	0.659723	0.865132	-1.15589	2.41621	4.09105	1.50504	1
cg23101138	DACH1;DACH1;DACH1	0.114244	0.17624	0.784748	-1.27429	0.13256	1.3147	1.3147	0.0452986	0.679005	-1.47274	0.945251	1.01164	1.01164	0.0255548	0.639374	-1.56403	0.496515	1.12343	1.12343	0.370303	1.16777	1.16777	0.678516	1.07279	1.07279	0.484774	0.887199	-1.12714	2.41617	1.08753	0.400093	1
cg25484904	CWH43	0.114247	0.195837	2.46397	2.46397	0.130785	2.93191	2.93191	0.0696241	3.81042	3.81042	0.21255	2.37631	2.37631	0.0577841	4.11318	4.11318	0.706484	1.28326	1.28326	0.0307294	5.32819	5.32819	0.0152415	7.13156	7.13156	0.253564	2.19471	2.19471	2.41615	16.6304	6.11823	1
cg18269141	PRKCZ;PRKCZ;PRKCZ	0.114248	0.0347003	0.263511	-3.79491	0.317889	1.74934	1.74934	0.93187	1.04741	1.04741	0.576862	0.736869	-1.35709	0.0320379	0.256506	-3.89854	0.272053	0.538316	-1.85764	0.117808	0.398505	-2.50938	0.0363293	0.267618	-3.73667	0.713816	0.819121	-1.22082	2.41614	11.2283	4.13085	1
cg00679383	WHSC2	0.114249	0.632212	1.32502	1.32502	0.672128	1.28204	1.28204	0.324557	1.81077	1.81077	0.588521	1.37544	1.37544	0.529949	1.44969	1.44969	0.0556445	0.282047	-3.54551	0.0382303	0.246167	-4.06229	0.266313	0.50866	-1.96595	0.0374709	0.244381	-4.09198	2.41612	13.0343	4.7953	1
cg12046677	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.11425	0.056898	0.666505	-1.50036	0.935006	1.01547	1.01547	0.00734139	0.521698	-1.91682	0.211033	0.780272	-1.2816	0.365558	0.839425	-1.19129	0.497907	1.13832	1.13832	0.463525	1.15083	1.15083	0.641738	0.915558	-1.09223	0.235536	0.791311	-1.26373	2.41612	1.35651	0.49906	1
cg12901038	KCNQ1;KCNQ1	0.114252	0.52624	0.85924	-1.16382	0.610389	0.885684	-1.12907	0.0325024	0.553627	-1.80627	0.107946	0.66076	-1.51341	0.0707661	0.62065	-1.61121	0.586281	1.13863	1.13863	0.0939508	1.54508	1.54508	0.29546	0.773905	-1.29215	0.122585	0.673508	-1.48476	2.4161	2.13559	0.785686	1
cg12431689	GABRG3	0.114252	0.937181	1.03819	1.03819	0.673488	1.22325	1.22325	0.101827	0.426764	-2.34322	0.0737107	0.387546	-2.58034	0.0288406	0.293617	-3.4058	0.157406	0.487305	-2.0521	0.683289	1.21535	1.21535	0.91461	0.950281	-1.05232	0.0244337	0.279471	-3.57819	2.4161	8.65077	3.18264	1
cg13380906	MATN1	0.114252	0.805808	1.03975	1.03975	0.605951	1.08583	1.08583	0.449252	0.885129	-1.12978	0.00648871	1.75055	1.75055	0.421968	1.13861	1.13861	0.218518	1.22729	1.22729	0.0969778	1.33413	1.33413	0.813073	0.963208	-1.0382	0.276024	0.835844	-1.1964	2.4161	0.958269	0.35255	1
cg16061928	RPF2	0.114254	0.0756911	0.611383	-1.63564	0.0639816	0.595651	-1.67883	0.0726051	1.64625	1.64625	0.0286834	0.526093	-1.90081	0.437104	0.82096	-1.21809	0.484901	0.838089	-1.19319	0.256385	0.74466	-1.3429	0.974174	0.991976	-1.00809	0.443155	0.823176	-1.21481	2.41608	2.36992	0.871907	1
cg02794451	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.114254	0.228505	0.231266	-4.32402	0.497625	2.22043	2.22043	0.0517391	0.0769416	-12.9969	0.429161	0.392578	-2.54726	0.201286	0.209413	-4.77525	0.427994	2.55355	2.55355	0.0853609	9.05498	9.05498	0.0880348	8.8543	8.8543	0.300245	3.46811	3.46811	2.41608	51.3559	18.8941	1
cg07320630	GCOM1;GCOM1	0.114255	0.0641098	0.322613	-3.09969	0.118738	0.398204	-2.51128	0.366089	0.603563	-1.65683	0.178412	0.459595	-2.17583	0.929967	1.04896	1.04896	0.0864755	0.357113	-2.80023	0.0104816	0.173488	-5.76407	0.0603268	0.316045	-3.16411	0.74287	0.83611	-1.19602	2.41607	11.3131	4.16217	1
cg01973394	MEX3B	0.114256	0.848046	1.0375	1.0375	0.811519	0.95519	-1.04691	0.991322	0.997915	-1.00209	0.0358454	1.59775	1.59775	0.886461	1.0278	1.0278	0.189146	1.30597	1.30597	0.617855	0.907991	-1.10133	0.00830487	1.91076	1.91076	0.129753	1.36902	1.36902	2.41606	1.40918	0.518448	1
cg09874796	DIP2C	0.114256	0.0238682	0.44857	-2.2293	0.428296	0.786255	-1.27185	0.425714	0.785152	-1.27364	0.388277	0.768787	-1.30075	0.0386249	0.49051	-2.0387	0.522094	0.824539	-1.2128	0.0335702	0.477943	-2.0923	0.0246281	0.451203	-2.2163	0.650959	0.873333	-1.14504	2.41606	3.38366	1.24488	1
cg09902245	ZNF397;ZNF397	0.114257	0.662805	0.937927	-1.06618	0.282023	1.17737	1.17737	0.0724421	1.34014	1.34014	0.282355	0.84945	-1.17723	0.612685	1.07741	1.07741	0.0923232	0.762925	-1.31074	0.733935	1.05109	1.05109	0.0204758	1.50361	1.50361	0.298354	1.17052	1.17052	2.41605	0.816304	0.300326	1
cg00008647	FAIM3;FAIM3;FAIM3	0.114257	0.734203	0.932833	-1.072	0.319123	0.810543	-1.23374	0.881107	1.031	1.031	0.0150093	1.84036	1.84036	0.0760774	0.668509	-1.49587	0.839987	1.04211	1.04211	0.159882	1.35849	1.35849	0.422296	1.18202	1.18202	0.249059	0.782088	-1.27863	2.41605	1.59263	0.585944	1
cg14603886	ERN1	0.114257	0.111452	0.37024	-2.70095	0.730182	1.21947	1.21947	0.372828	0.591948	-1.68934	0.865401	1.10211	1.10211	0.103159	0.359992	-2.77784	0.16262	0.425586	-2.3497	0.0369223	0.249356	-4.01033	0.0108731	0.160001	-6.24995	0.393556	0.606005	-1.65015	2.41605	12.568	4.6239	1
cg16975981	PAGE5;PAGE5;PAGE5;PAGE5	0.114258	0.861373	0.971734	-1.02909	0.244733	1.22094	1.22094	0.300277	0.838547	-1.19254	0.563331	0.908605	-1.10059	0.0565797	0.701837	-1.42483	0.13331	1.30428	1.30428	0.124031	1.31421	1.31421	0.0679587	0.715083	-1.39844	0.299315	1.19299	1.19299	2.41604	1.02972	0.378847	1
cg14384214	KCNQ1;KCNQ1	0.114259	0.0232729	0.255498	-3.91392	0.127476	0.436361	-2.29168	0.663865	0.802501	-1.2461	0.293159	0.577688	-1.73104	0.0061926	0.165931	-6.02662	0.554013	0.73993	-1.35148	0.500591	0.708918	-1.4106	0.412662	0.656096	-1.52417	0.935607	1.0415	1.0415	2.41604	9.68821	3.56441	1
cg17616554	CFTR	0.114261	0.0453318	20.2882	20.2882	0.253428	4.77657	4.77657	0.0986304	10.744	10.744	0.212809	5.58596	5.58596	0.113435	9.56671	9.56671	0.115901	9.39673	9.39673	0.0801022	12.7514	12.7514	0.0196899	40.1852	40.1852	0.043628	20.931	20.931	2.41602	65.7695	24.1976	1
cg15482928	PTPRF;PTPRF	0.114268	0.176295	0.745599	-1.3412	0.221574	0.769232	-1.3	0.314762	0.80874	-1.23649	0.852758	0.962771	-1.03867	0.0162839	1.82194	1.82194	0.42956	1.179	1.179	0.0716503	1.5079	1.5079	0.466907	1.1632	1.1632	0.921156	0.979986	-1.02042	2.41595	1.59552	0.587031	1
cg25376409	CHMP6	0.114269	0.124232	1.20447	1.20447	0.14032	1.19399	1.19399	0.0896298	0.811284	-1.23261	0.89022	0.984684	-1.01555	0.542271	1.07137	1.07137	0.210445	1.15892	1.15892	0.021377	1.36215	1.36215	0.193382	1.16628	1.16628	0.533437	0.931933	-1.07304	2.41594	0.477941	0.175847	1
cg16256106	DAPK3	0.114272	0.756724	1.12578	1.12578	0.337605	1.45779	1.45779	0.145655	1.81424	1.81424	0.111902	0.516822	-1.9349	0.357304	1.4347	1.4347	0.226124	0.615938	-1.62354	0.253869	0.634888	-1.57508	0.020391	0.344479	-2.90294	0.498142	1.2998	1.2998	2.41591	5.56238	2.04658	1
cg20629316	ROR1;ROR1	0.114276	0.564813	0.861269	-1.16108	0.387543	0.796702	-1.25518	0.968424	1.01021	1.01021	0.260467	0.739937	-1.35147	0.00451134	2.64139	2.64139	0.400138	0.801703	-1.24734	0.857211	1.0473	1.0473	0.471135	1.20697	1.20697	0.605965	0.875002	-1.14285	2.41588	2.51959	0.92705	1
cg27075898	PGAM5;PGAM5	0.114277	0.107892	1.41177	1.41177	0.15693	0.742609	-1.3466	0.0498056	1.55244	1.55244	0.518516	1.13731	1.13731	0.381381	1.19302	1.19302	0.0407749	0.628608	-1.59082	0.369054	1.19883	1.19883	0.775783	0.945414	-1.05774	0.372306	1.19728	1.19728	2.41586	1.47845	0.54398	1
cg21925296	POLR3D;MIR320A	0.114282	0.348016	0.856659	-1.16733	0.674325	0.934564	-1.07002	0.30944	1.18344	1.18344	0.914465	0.982943	-1.01735	0.327217	0.850482	-1.1758	0.321689	0.848797	-1.17814	0.00864974	1.70914	1.70914	0.102508	1.33122	1.33122	0.866572	0.973433	-1.02729	2.41582	0.981029	0.360965	1
cg09188980	CALCA;CALCA;CALCA	0.114283	0.0477589	3.9698	3.9698	0.10434	2.94896	2.94896	0.333685	0.544795	-1.83555	0.251724	0.482227	-2.07371	0.232465	0.466415	-2.14401	0.773038	1.1926	1.1926	0.0621107	0.278233	-3.59411	0.275323	1.99624	1.99624	0.563136	1.42769	1.42769	2.41581	14.1949	5.22296	1
cg05944468	FLJ12825	0.114284	0.0461923	0.674931	-1.48163	0.0104882	0.574425	-1.74087	0.90453	0.97956	-1.02087	0.340913	1.18402	1.18402	0.73436	0.943065	-1.06037	0.147751	0.765447	-1.30643	0.1026	0.735346	-1.3599	0.619659	0.917488	-1.08993	0.880391	1.02625	1.02625	2.4158	1.13338	0.417026	1
cg03004552	TMEM68;TMEM68;TGS1;TGS1	0.114291	0.959517	1.00472	1.00472	0.0642282	1.21273	1.21273	0.0195641	1.29911	1.29911	0.433031	1.07703	1.07703	0.456013	1.07296	1.07296	0.0920575	1.18768	1.18768	0.310066	0.907171	-1.10233	0.0640209	1.21295	1.21295	0.121469	1.1685	1.1685	2.41574	0.329142	0.12111	1
cg23522840	EFHA1	0.114291	0.647713	1.13986	1.13986	0.375732	1.2952	1.2952	0.12265	0.621287	-1.60956	0.0537968	0.536321	-1.86456	0.079756	0.575076	-1.7389	0.675365	0.887059	-1.12732	0.0391225	1.97252	1.97252	0.415542	0.789159	-1.26717	0.985038	1.00535	1.00535	2.41573	3.09753	1.13976	1
cg17328665	PER3	0.114292	0.360233	1.46399	1.46399	0.936651	0.968301	-1.03274	0.867265	1.07013	1.07013	0.309677	1.53114	1.53114	0.0182887	0.313308	-3.19174	0.0378995	0.37702	-2.65238	0.307846	1.53379	1.53379	0.273755	1.58649	1.58649	0.880556	0.940887	-1.06283	2.41572	6.28262	2.31175	1
cg23483530	LMAN2	0.114294	0.911328	1.04477	1.04477	0.0211041	0.336132	-2.97502	0.180947	0.572135	-1.74784	0.0420695	0.398211	-2.51123	0.136288	0.532057	-1.8795	0.757065	0.885169	-1.12973	0.426095	1.37641	1.37641	0.0480995	0.411447	-2.43044	0.250051	0.623428	-1.60403	2.4157	5.91229	2.1755	1
cg00082178	THBS2	0.114294	0.829882	1.0395	1.0395	0.691444	0.930696	-1.07446	0.810779	1.04413	1.04413	0.497171	0.883289	-1.13213	0.109503	0.73041	-1.36909	0.0534667	0.673747	-1.48424	0.0217334	1.64212	1.64212	0.785322	0.952032	-1.05038	0.115588	0.73494	-1.36065	2.4157	1.24011	0.456316	1
cg14257319	SLC27A4	0.1143	0.0432525	0.428158	-2.33559	0.181323	0.595879	-1.67819	0.167252	0.584428	-1.71107	0.227257	0.629732	-1.58798	0.109977	0.529618	-1.88815	0.00831949	0.292129	-3.42315	0.34467	0.701099	-1.42633	0.526368	0.791195	-1.26391	0.57968	1.22642	1.22642	2.41565	5.09228	1.87381	1
cg26407558	C4BPB;C4BPB;C4BPB;C4BPB;C4BPB;C4BPB;C4BPB	0.1143	0.116361	0.404305	-2.47338	0.755291	1.18049	1.18049	0.293203	0.560627	-1.78372	0.90719	1.06385	1.06385	0.0257159	0.245128	-4.07951	0.0685045	0.33881	-2.95151	0.0356891	0.273246	-3.65971	0.705413	0.817457	-1.22331	0.0491975	0.303756	-3.29212	2.41565	10.7761	3.96531	1
cg25528940	CPNE2	0.114304	0.810018	0.909427	-1.09959	0.375861	0.698893	-1.43083	0.339752	0.678505	-1.47383	0.598467	1.23304	1.23304	0.0811595	0.466643	-2.14297	0.661112	1.18993	1.18993	0.357679	0.688745	-1.45192	0.0142115	0.303496	-3.29493	0.0813283	2.14187	2.14187	2.41561	5.94517	2.18768	1
cg10459515	BCLAF1;BCLAF1;BCLAF1	0.114305	0.0300874	0.496658	-2.01346	0.332157	1.31584	1.31584	0.0759421	0.581674	-1.71918	0.149137	1.52869	1.52869	0.611069	1.15108	1.15108	0.178034	1.48088	1.48088	0.151554	0.65603	-1.52432	0.965799	0.988306	-1.01183	0.878776	1.04276	1.04276	2.4156	2.87953	1.0596	1
cg05793288	PLA2G4D	0.114306	0.097767	0.497239	-2.01111	0.343547	1.45541	1.45541	0.0763045	2.13503	2.13503	0.170473	1.75318	1.75318	0.511812	0.774213	-1.29163	0.642377	1.19706	1.19706	0.140855	0.543783	-1.83897	0.0566961	0.436217	-2.29244	0.476268	0.756856	-1.32126	2.41559	5.65937	2.08253	1
ch.10.2686225F	OAT	0.114307	0.00665158	0.431513	-2.31743	0.324564	0.784438	-1.2748	0.127176	0.67457	-1.48243	0.252575	0.751859	-1.33004	0.668684	0.902359	-1.10821	0.522825	0.856794	-1.16714	0.0231319	0.52304	-1.9119	0.245526	0.748358	-1.33626	0.919693	0.97622	-1.02436	2.41558	2.17894	0.801812	1
cg09783693	MTMR15;MTMR15;MTMR15;MTMR15;MTMR15;MTMR15;MTMR15;MTMR15	0.11431	0.839225	1.06832	1.06832	0.07176	0.519951	-1.92326	0.77658	0.911597	-1.09698	0.646845	0.860648	-1.16191	0.152545	0.607445	-1.64624	0.00670553	0.318568	-3.13905	0.588234	1.19462	1.19462	0.543143	1.22169	1.22169	0.504456	1.24652	1.24652	2.41555	4.04888	1.48993	1
cg04354879	FZD2;FZD2	0.11431	0.0361451	0.523016	-1.91199	0.0523136	0.555965	-1.79867	0.294143	0.748685	-1.33568	0.724788	0.91026	-1.09859	0.0173413	0.462646	-2.16148	0.115846	0.634683	-1.57559	0.390187	0.791195	-1.26391	0.526458	1.18616	1.18616	0.787902	1.07436	1.07436	2.41555	2.70684	0.996081	1
cg02761480	VAT1L	0.114311	0.978746	0.995722	-1.0043	0.587824	1.09205	1.09205	0.519014	0.900145	-1.11093	0.635553	1.07985	1.07985	0.369731	0.862229	-1.15979	0.590059	0.916197	-1.09147	0.00412228	0.538423	-1.85728	0.516932	0.89966	-1.11153	0.17997	1.25753	1.25753	2.41555	0.990677	0.364556	1
cg14714222	PREX1	0.114311	0.133168	0.388339	-2.57507	0.466286	1.54165	1.54165	0.0233229	0.205458	-4.86717	0.553291	0.70459	-1.41926	0.905218	0.932816	-1.07202	0.811909	1.14933	1.14933	0.0670538	0.301664	-3.31494	0.0924982	2.94756	2.94756	0.248705	0.494614	-2.02178	2.41554	13.0409	4.79891	1
cg18912103	C4orf10;NOP14	0.114313	0.540158	0.78625	-1.27186	0.618218	1.2151	1.2151	0.685561	0.853986	-1.17098	0.148685	0.548462	-1.82328	0.00654267	0.254134	-3.93493	0.128631	0.528962	-1.8905	0.808328	1.09883	1.09883	0.312069	1.50006	1.50006	0.202025	0.593117	-1.68601	2.41553	5.75246	2.11685	1
cg17609680	OR13H1	0.114313	0.0716407	0.189499	-5.27708	0.579977	0.629851	-1.58768	0.444585	0.52493	-1.90501	0.264514	0.382232	-2.61621	0.0197439	0.0974594	-10.2607	0.466838	1.84469	1.84469	0.0180626	0.0930205	-10.7503	0.1456	0.274678	-3.64063	0.398253	0.489076	-2.04467	2.41553	26.1625	9.62753	1
cg00753138	KIF5C	0.114315	0.985527	1.00823	1.00823	0.0130452	4.02341	4.02341	0.0155137	3.82632	3.82632	0.864761	1.0801	1.0801	0.462533	1.40221	1.40221	0.287558	1.64727	1.64727	0.0542004	2.68491	2.68491	0.353335	1.53983	1.53983	0.561604	1.30381	1.30381	2.4155	7.81652	2.87642	1
cg19112564	C12orf52;DDX54;DDX54	0.114317	0.870923	0.953914	-1.04831	0.119835	0.612848	-1.63173	0.760125	0.914982	-1.09292	0.62176	0.86564	-1.15521	0.677994	0.885906	-1.12879	0.00879481	0.379838	-2.6327	0.578349	0.849676	-1.17692	0.130304	1.60656	1.60656	0.207617	1.47039	1.47039	2.41549	3.22046	1.18512	1
cg02581963	C10orf75	0.114318	0.414665	1.09793	1.09793	0.513683	0.928472	-1.07704	0.0704422	0.797273	-1.25428	0.641421	0.948803	-1.05396	0.366772	1.10948	1.10948	0.161874	1.18218	1.18218	0.0218445	0.734675	-1.36115	0.155806	1.18549	1.18549	0.879883	1.01709	1.01709	2.41548	0.480309	0.176752	1
cg17225169	PJA2	0.114318	0.116443	0.697245	-1.43422	0.069705	1.53544	1.53544	0.947982	1.01389	1.01389	0.216184	1.31671	1.31671	0.122962	0.702383	-1.42372	0.741438	1.0725	1.0725	0.0731156	1.52581	1.52581	0.132584	0.709585	-1.40928	0.716188	0.925719	-1.08024	2.41548	1.70961	0.629131	1
cg11796507	HIST1H2AL	0.114318	0.339254	1.30658	1.30658	0.395401	1.26655	1.26655	0.00232022	3.17379	3.17379	0.307167	1.33242	1.33242	0.817703	1.06469	1.06469	0.240613	1.39589	1.39589	0.239225	1.39739	1.39739	0.432835	1.24272	1.24272	0.224399	1.41407	1.41407	2.41547	2.81959	1.0376	1
cg12049088	MYH9	0.11432	0.936053	1.02676	1.02676	0.888508	1.04725	1.04725	0.0256507	2.39267	2.39267	0.438741	0.771106	-1.29684	0.874124	0.949159	-1.05356	0.117442	1.75004	1.75004	0.0232965	0.409714	-2.44073	0.576519	0.83053	-1.20405	0.702025	1.13487	1.13487	2.41546	4.14372	1.52489	1
cg15059548	TNS3	0.11432	0.644788	1.38337	1.38337	0.257402	2.28477	2.28477	0.937045	0.946274	-1.05678	0.952139	0.958908	-1.04285	0.645652	1.38218	1.38218	0.421477	1.77548	1.77548	0.0062081	12.1131	12.1131	0.0211785	6.93984	6.93984	0.266873	2.24489	2.24489	2.41546	18.6955	6.87997	1
cg12348203	THSD7A	0.114322	0.892389	1.01239	1.01239	0.937981	1.0071	1.0071	0.362885	0.918461	-1.08878	0.692799	1.03677	1.03677	0.658608	0.960364	-1.04127	0.360296	0.918015	-1.08931	0.0118672	0.751505	-1.33066	0.0518625	1.22294	1.22294	0.230136	1.12133	1.12133	2.41544	0.316473	0.116463	1
cg13303069	TCF7L1	0.114326	0.175898	0.549519	-1.81977	0.127711	0.50401	-1.98409	0.32122	0.652878	-1.53168	0.244128	0.602326	-1.66023	0.0647015	0.421806	-2.37076	0.665238	0.834341	-1.19855	0.0151489	0.288984	-3.4604	0.275597	1.60297	1.60297	0.0743956	0.437354	-2.28648	2.4154	6.62108	2.43661	1
cg08276138	STARD9	0.114326	0.0146195	0.150526	-6.64339	0.749081	0.817005	-1.22398	0.807191	1.16649	1.16649	0.797043	0.850175	-1.17623	0.0418491	0.228262	-4.38093	0.17831	0.40628	-2.46135	0.0564761	0.256654	-3.8963	0.496273	1.54508	1.54508	0.186276	0.413749	-2.41692	2.4154	15.1741	5.5842	1
cg01092213	UPP1;UPP1	0.114328	0.240177	1.69749	1.69749	0.391346	1.4592	1.4592	0.881528	0.937848	-1.06627	0.623606	0.808297	-1.23717	0.0511595	0.38459	-2.60017	0.405529	1.4422	1.4422	0.0489644	2.63081	2.63081	0.0311166	2.97011	2.97011	0.530875	1.31409	1.31409	2.41539	7.08242	2.60641	1
cg02082887	TCAP;STARD3;STARD3;STARD3	0.114328	0.546352	1.17683	1.17683	0.0178338	2.15572	2.15572	0.102938	1.60935	1.60935	0.298359	1.3331	1.3331	0.0673572	1.72758	1.72758	0.422343	1.24433	1.24433	0.0160628	2.19431	2.19431	0.42435	1.2431	1.2431	0.766747	0.923727	-1.08257	2.41538	2.72125	1.00145	1
cg13408606	PRPF4;CDC26	0.11433	0.0115178	0.0550613	-18.1616	0.121809	0.214664	-4.65844	0.077781	0.16559	-6.03902	0.50791	0.539969	-1.85196	0.173474	0.264828	-3.77603	0.576468	0.595892	-1.67816	0.0967458	0.187746	-5.32634	0.267425	0.346484	-2.88614	0.0271711	0.0908262	-11.01	2.41537	32.1976	11.8492	1
cg07815521	MIR641;AKT2	0.114332	0.954954	1.02092	1.02092	0.0355027	2.45288	2.45288	0.0352602	2.45672	2.45672	0.071709	2.08983	2.08983	0.729955	0.880718	-1.13544	0.417454	0.738052	-1.35492	0.137547	0.556427	-1.79718	0.723523	1.13905	1.13905	0.615123	1.20421	1.20421	2.41534	5.1399	1.89157	1
cg00981472	EHD3	0.114333	0.986072	0.996955	-1.00305	0.200047	0.789385	-1.26681	0.322695	1.19539	1.19539	0.017637	0.603876	-1.65597	0.205284	0.791777	-1.26298	0.106232	0.734761	-1.36099	0.591652	0.909729	-1.09923	0.940964	1.01302	1.01302	0.0958137	1.37657	1.37657	2.41533	1.16762	0.429707	1
cg00798428	COQ2	0.114335	0.0273562	0.649786	-1.53897	0.894818	1.02209	1.02209	0.551038	0.905184	-1.10475	0.331594	1.1799	1.1799	0.787217	1.04569	1.04569	0.135987	0.766954	-1.30386	0.0419259	0.67897	-1.47282	0.0671855	0.712632	-1.40325	0.121012	0.757545	-1.32005	2.41532	1.04332	0.383963	1
cg26390598	B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5	0.114336	0.0399593	0.250888	-3.98584	0.00872808	0.142851	-7.00032	0.301833	0.536345	-1.86447	0.361886	0.579369	-1.72602	0.125018	0.380191	-2.63026	0.526962	0.688444	-1.45255	0.141978	0.398727	-2.50798	0.0552069	0.282002	-3.54608	0.828963	0.881617	-1.13428	2.41531	12.9744	4.77489	1
cg19448837	MAPK4	0.114337	0.330424	1.63894	1.63894	0.0224376	3.83958	3.83958	0.150523	2.13415	2.13415	0.142638	2.17103	2.17103	0.558788	0.747628	-1.33756	0.174384	2.03553	2.03553	0.217902	1.89198	1.89198	0.0129669	4.55845	4.55845	0.446	1.46544	1.46544	2.4153	9.25733	3.40692	1
cg16973606	NAGK	0.114337	0.0779675	0.689191	-1.45098	0.22777	1.27204	1.27204	0.21896	1.27853	1.27853	0.45813	1.15441	1.15441	0.10407	0.713372	-1.40179	0.26033	0.800005	-1.24999	0.0367482	0.630565	-1.58588	0.661058	0.919567	-1.08747	0.386274	1.18388	1.18388	2.4153	1.38171	0.508504	1
cg22519912	PSD2	0.114337	0.628246	0.89995	-1.11117	0.363563	0.817307	-1.22353	0.761804	1.06789	1.06789	0.060776	1.57885	1.57885	0.300056	0.792927	-1.26115	0.52687	0.87064	-1.14858	0.00961827	2.0302	2.0302	0.629232	0.900226	-1.11083	0.440689	1.18516	1.18516	2.4153	1.7856	0.657145	1
cg22942212	FARP1	0.114338	0.168497	1.44895	1.44895	0.0705844	0.600094	-1.66641	0.057	0.580258	-1.72337	0.919333	0.974724	-1.02593	0.61014	1.13878	1.13878	0.508925	1.18452	1.18452	0.0288642	1.91791	1.91791	0.877126	1.03988	1.03988	0.612056	1.13797	1.13797	2.41529	2.44313	0.899135	1
cg03714110	NR2F1	0.114339	0.0383698	0.156024	-6.40927	0.32484	0.455137	-2.19714	0.582992	0.650979	-1.53615	0.194083	0.345176	-2.89708	0.148762	0.301506	-3.31668	0.19926	0.349906	-2.85791	0.0170495	0.105205	-9.50525	0.0197091	0.112965	-8.85231	0.758533	0.787632	-1.26963	2.41528	22.9292	8.43856	1
cg14313868	NDC80;METTL4;METTL4	0.114339	0.172367	0.760492	-1.31494	0.187501	0.768506	-1.30123	0.895669	1.02504	1.02504	0.134074	0.737447	-1.35603	0.215957	0.782339	-1.27822	0.031309	0.621154	-1.60991	0.0138875	0.563853	-1.77351	0.864379	0.968289	-1.03275	0.450473	1.15597	1.15597	2.41528	1.3592	0.500222	1
cg27417846	EIF2AK3	0.11434	0.669366	1.04976	1.04976	0.0512761	0.778104	-1.28517	0.0163175	0.71752	-1.39369	0.845547	1.02229	1.02229	0.454547	1.08993	1.08993	0.222823	1.15582	1.15582	0.84965	1.02168	1.02168	0.242711	1.14821	1.14821	0.367597	1.11029	1.11029	2.41527	0.488837	0.179906	1
cg19192316	SIRT1	0.114341	0.873187	1.02848	1.02848	0.00960095	0.561919	-1.77962	0.14629	0.76022	-1.31541	0.82313	0.961409	-1.04014	0.0842664	0.714791	-1.39901	0.637644	1.08698	1.08698	0.646046	1.08469	1.08469	0.139719	0.756262	-1.32229	0.362471	1.17886	1.17886	2.41527	1.18216	0.435069	1
cg05064352	PHF21B;PHF21B	0.114342	0.0972407	0.603635	-1.65663	0.0567466	1.81867	1.81867	0.69363	1.11607	1.11607	0.34608	1.30882	1.30882	0.248007	1.39789	1.39789	0.833584	1.06009	1.06009	0.0979936	0.60445	-1.6544	0.107024	0.61386	-1.62903	0.248403	1.39746	1.39746	2.41525	2.94261	1.08297	1
cg06382008	DHX38	0.114344	0.542044	0.74162	-1.3484	0.0673199	0.370494	-2.6991	0.471473	0.701352	-1.42582	0.840749	0.907161	-1.10234	0.0120118	0.21929	-4.56016	0.0175261	0.246564	-4.05574	0.177265	0.499325	-2.00271	0.769832	0.867539	-1.15269	0.191752	0.512073	-1.95285	2.41523	8.97203	3.30202	1
cg23247879	SLC25A26;SLC25A26;SLC25A26	0.114345	0.0735427	0.395811	-2.52646	0.022093	0.279432	-3.57869	0.136665	0.474798	-2.10616	0.91963	1.048	1.048	0.021436	0.276973	-3.61046	0.0954777	0.427057	-2.34161	0.183256	0.518939	-1.92701	0.167664	0.505005	-1.98018	0.224241	0.552616	-1.80958	2.41523	8.25511	3.03817	1
cg20998539	ERN1	0.114346	0.288742	0.616285	-1.62263	0.113669	2.13084	2.13084	0.0820621	0.428794	-2.33212	0.43888	0.706792	-1.41484	0.0110781	0.246571	-4.05563	0.846627	1.08884	1.08884	0.442691	0.708912	-1.41061	0.158836	0.515855	-1.93853	0.626524	0.806102	-1.24054	2.41521	7.38954	2.71963	1
cg15108699	TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.114348	0.134791	0.664871	-1.50405	0.0297144	1.91128	1.91128	0.0283017	1.92606	1.92606	0.24857	0.736872	-1.35709	0.52169	0.848393	-1.1787	0.553944	1.16365	1.16365	0.509004	0.844005	-1.18483	0.861645	1.04515	1.04515	0.905641	1.03048	1.03048	2.4152	2.4515	0.902248	1
cg26238041	MTNR1A	0.114355	0.34864	0.754653	-1.32511	0.135332	0.625241	-1.59938	0.604489	0.85861	-1.16467	0.242674	1.42861	1.42861	0.42871	0.790015	-1.2658	0.511254	0.823347	-1.21455	0.284416	0.722952	-1.38322	0.78761	1.08197	1.08197	0.00965184	2.60009	2.60009	2.41513	3.25559	1.19822	1
cg14430886	OGDH;OGDH;OGDH	0.114358	0.0859412	2.63552	2.63552	0.554717	1.35112	1.35112	0.985509	0.99091	-1.00917	0.856306	0.912883	-1.09543	0.347763	0.613709	-1.62944	0.0187458	0.228384	-4.3786	?	?	?	0.0772212	0.366317	-2.72987	0.438813	0.671516	-1.48917	2.5824	8.99652	3.04831	1
cg24690946	LRRC2;LRRC2;LRRC2	0.114359	0.705131	0.935654	-1.06877	0.594465	1.09857	1.09857	0.0929983	1.3817	1.3817	0.927178	1.01612	1.01612	0.331036	1.1918	1.1918	0.166077	0.772305	-1.29482	0.126343	0.748765	-1.33553	0.0604064	0.690408	-1.44842	0.0697103	1.426	1.426	2.4151	1.17071	0.430885	1
cg18566594	CCND2	0.114361	0.907823	1.02394	1.02394	0.175162	1.34245	1.34245	0.0667652	1.52164	1.52164	0.725533	0.930539	-1.07465	0.0553006	0.641646	-1.55849	0.614067	0.901356	-1.10944	0.0849308	0.67767	-1.47564	0.110385	0.700929	-1.42668	0.449466	1.17048	1.17048	2.41508	1.5956	0.587272	1
cg14640051	OR10C1	0.114361	0.295528	0.829415	-1.20567	0.550244	1.10984	1.10984	0.00680222	0.546283	-1.83055	0.995381	0.999002	-1.001	0.984173	0.996586	-1.00343	0.0960647	0.729701	-1.37042	0.475611	1.13324	1.13324	0.185641	0.785069	-1.27377	0.464736	1.13688	1.13688	2.41508	1.13707	0.418509	1
cg13320626	ST8SIA4;ST8SIA4	0.114361	0.655395	0.86169	-1.16051	0.392317	1.337	1.337	0.022326	0.403588	-2.47777	0.553115	0.819686	-1.21998	0.746272	0.897996	-1.11359	0.23042	1.51734	1.51734	0.0259995	0.416588	-2.40045	0.768401	0.906778	-1.10281	0.0971891	0.547028	-1.82806	2.41507	4.20076	1.54613	1
cg18315680	KCNN3;KCNN3	0.114362	0.464436	0.779514	-1.28285	0.472177	0.782988	-1.27716	0.00609377	0.301859	-3.31281	0.314394	0.706067	-1.4163	0.616627	0.84463	-1.18395	0.102913	0.550528	-1.81644	0.157667	1.65768	1.65768	0.573965	0.826926	-1.2093	0.23826	0.661501	-1.51171	2.41506	4.28057	1.57551	1
cg24139874	KIF14	0.114366	0.188523	0.408022	-2.45085	0.0722393	0.275041	-3.63582	0.150529	0.37103	-2.6952	0.248186	0.45991	-2.17434	0.01176	0.132037	-7.57362	0.585405	0.701579	-1.42536	0.16071	0.381342	-2.62232	0.465453	1.61274	1.61274	0.0577853	0.251518	-3.97586	2.41503	15.8342	5.82802	1
cg11964364	COL12A1;COL12A1	0.114366	0.0765333	0.695613	-1.43758	0.041997	1.53989	1.53989	0.0803188	0.699491	-1.42961	0.960827	1.00909	1.00909	0.265967	0.807717	-1.23806	0.417733	0.858506	-1.16481	0.301054	1.21824	1.21824	0.235754	1.25723	1.25723	0.474883	1.14325	1.14325	2.41502	1.29814	0.477802	1
cg12833207	STEAP4;STEAP4	0.114367	0.0534534	11.7444	11.7444	0.103606	7.3808	7.3808	0.183589	4.87616	4.87616	0.226148	4.1672	4.1672	0.16827	5.20098	5.20098	0.448037	2.3829	2.3829	0.0279474	18.4763	18.4763	0.0313353	17.0514	17.0514	0.0357477	15.5501	15.5501	2.41502	48.2353	17.7538	1
cg15048437	ZNF260;ZNF260;ZNF260;ZNF260	0.114367	0.743057	0.900508	-1.11048	0.464221	1.26785	1.26785	0.594537	1.18667	1.18667	0.0642304	0.515576	-1.93958	0.307899	0.714451	-1.39968	0.314122	0.717739	-1.39326	0.22576	1.49971	1.49971	0.02706	2.30208	2.30208	0.126414	1.69343	1.69343	2.41502	3.88202	1.42884	1
cg02606808	MAP1B	0.114368	0.524649	0.715969	-1.39671	0.389313	0.633053	-1.57965	0.69962	0.817974	-1.22253	0.964116	0.976954	-1.02359	0.787991	0.869629	-1.14992	0.97098	0.981324	-1.01903	0.00261951	0.115397	-8.66571	0.162513	0.461747	-2.16569	0.555954	1.36161	1.36161	2.415	10.2727	3.78107	1
cg27017085	TNFAIP8L3	0.114369	0.0362382	2.89058	2.89058	0.247116	1.69473	1.69473	0.722977	1.16783	1.16783	0.165928	1.90414	1.90414	0.247629	0.590433	-1.69367	0.0898616	2.25915	2.25915	0.0274777	3.11647	3.11647	0.685767	0.83752	-1.194	0.176943	1.8694	1.8694	2.41499	7.26767	2.67502	1
cg19504496	RBM42	0.114371	0.388884	1.15647	1.15647	0.0521644	1.43853	1.43853	0.00581944	1.81225	1.81225	0.671203	1.07283	1.07283	0.920822	1.0165	1.0165	0.428444	1.14235	1.14235	0.295609	0.836479	-1.19549	0.667369	1.07377	1.07377	0.682955	0.934629	-1.06994	2.41498	1.03662	0.381553	1
cg24984735	SLC12A8	0.114373	0.020131	0.353144	-2.83171	0.841937	0.928544	-1.07695	0.055055	0.445881	-2.24275	0.0595076	0.453954	-2.20287	0.124756	0.539516	-1.85351	0.378443	0.714953	-1.39869	0.0397534	0.413625	-2.41765	0.995961	0.998122	-1.00188	0.126197	0.54099	-1.84846	2.41496	5.27336	1.941	1
cg11871345	SOX12	0.114373	?	?	?	0.850965	1.27223	1.27223	0.454103	2.65412	2.65412	?	?	?	?	?	?	0.856666	0.793392	-1.26041	?	?	?	0.0165836	42.3391	42.3391	0.0761942	12.4976	12.4976	2.55691	36.8644	23.0681	1
cg22590258	KCNH6;KCNH6	0.114383	0.157118	0.85419	-1.1707	0.0361412	0.775843	-1.28892	0.420914	0.917923	-1.08942	0.795853	0.973356	-1.02737	0.55495	0.939697	-1.06417	0.0620684	0.803476	-1.24459	0.042904	0.784508	-1.27468	0.185532	1.15745	1.15745	0.427876	1.08797	1.08797	2.41487	0.414928	0.152731	1
cg09761705	ITGB1BP1;ITGB1BP1	0.114383	0.404453	1.28071	1.28071	0.0393902	1.99614	1.99614	0.00687125	2.7597	2.7597	0.91515	0.969561	-1.03139	0.937176	1.02313	1.02313	0.956429	1.01597	1.01597	0.0908975	1.71631	1.71631	0.170088	1.52777	1.52777	0.761583	1.09227	1.09227	2.41487	3.21734	1.18427	1
cg08079806	EFEMP2	0.114386	0.0901423	4.17351	4.17351	0.496109	1.69667	1.69667	0.0542505	5.31772	5.31772	0.0365858	6.41252	6.41252	0.990613	1.00904	1.00904	0.130973	3.48163	3.48163	0.0742267	4.58043	4.58043	0.0269488	7.41981	7.41981	0.109974	3.7915	3.7915	2.41484	22.3817	8.2386	1
cg27005053	CFDP1;CFDP1	0.114387	0.454295	1.17415	1.17415	0.306246	0.800019	-1.24997	0.0166597	1.851	1.851	0.890532	0.971412	-1.02943	0.452354	0.851069	-1.17499	0.0384124	0.603345	-1.65743	0.471393	1.16686	1.16686	0.747238	1.07048	1.07048	0.281875	1.26561	1.26561	2.41483	1.69678	0.624576	1
cg00716083	LTF	0.114387	0.0544207	5.88939	5.88939	0.692118	1.38176	1.38176	0.401824	0.498009	-2.008	0.244825	0.372158	-2.68703	0.136746	3.67806	3.67806	0.55272	1.62898	1.62898	0.141548	3.61218	3.61218	0.0150753	11.3228	11.3228	0.647875	1.45295	1.45295	2.41483	25.2454	9.29274	1
cg04446533	SPATA2L	0.11439	0.0240572	0.53621	-1.86494	0.676711	0.907453	-1.10198	0.0329999	1.78149	1.78149	0.202332	0.732166	-1.36581	0.507414	1.16854	1.16854	0.397656	0.818262	-1.2221	0.476764	0.845731	-1.18241	0.633473	1.11768	1.11768	0.315835	1.27149	1.27149	2.4148	2.05135	0.755103	1
cg00501774	PTGS1;PTGS1	0.114391	0.812342	1.06295	1.06295	0.183577	1.43647	1.43647	0.558518	0.859091	-1.16402	0.0907679	0.619815	-1.61338	0.335897	0.775128	-1.29011	0.180311	1.44085	1.44085	0.0353348	1.87598	1.87598	0.0606473	1.72112	1.72112	0.985985	1.00452	1.00452	2.4148	2.52031	0.927728	1
cg12243375	GUCY1A2	0.114394	0.0647244	0.638581	-1.56597	0.124845	0.698253	-1.43214	0.845116	0.958599	-1.04319	0.555572	0.879075	-1.13756	0.154865	0.719543	-1.38977	0.123863	0.697492	-1.43371	0.883918	1.03209	1.03209	0.321863	1.24762	1.24762	0.0389541	1.67649	1.67649	2.41476	1.78735	0.657936	1
cg20363309	TRIM37;TRIM37	0.114395	0.727685	1.20675	1.20675	0.307446	1.76465	1.76465	0.214715	2.01809	2.01809	0.589174	0.745947	-1.34058	0.5919	0.747578	-1.33765	0.0417342	0.283124	-3.53202	0.038268	0.27504	-3.63583	0.111676	2.53792	2.53792	0.452697	1.50872	1.50872	2.41475	11.0527	4.06857	1
cg12486913	CCDC19	0.114397	0.0580071	0.276965	-3.61056	0.129423	0.374698	-2.66881	0.0241277	0.199645	-5.00889	0.241612	0.479807	-2.08417	0.0142456	0.163428	-6.11892	0.373371	0.578387	-1.72895	0.258039	0.493057	-2.02816	0.999178	0.999383	-1.00062	0.140163	0.386385	-2.58809	2.41474	13.7289	5.05374	1
cg13207534	PPP1R3G;PPP1R3G	0.114397	0.137146	1.7086	1.7086	0.62238	0.846983	-1.18066	0.275125	0.683957	-1.46208	0.237198	0.660803	-1.51331	0.397444	1.33626	1.33626	0.188157	1.59449	1.59449	0.0104267	2.9415	2.9415	0.27711	1.45961	1.45961	0.933536	1.0283	1.0283	2.41473	4.28063	1.57574	1
cg19708343	TPST2	0.114398	0.778054	1.10354	1.10354	0.316446	0.696912	-1.4349	0.0610006	2.08796	2.08796	0.931193	0.970339	-1.03057	?	?	?	0.435215	1.31992	1.31992	0.45287	0.765966	-1.30554	0.0166428	0.360802	-2.7716	0.304838	1.44843	1.44843	2.43902	4.17391	1.71131	1
cg25820602	DNAH17	0.114402	0.74467	0.894561	-1.11787	0.10692	1.82231	1.82231	0.0463251	2.17761	2.17761	0.671714	1.15644	1.15644	0.389386	0.740264	-1.35087	0.0217325	0.390893	-2.55824	0.37325	1.36569	1.36569	0.560479	1.22226	1.22226	0.421972	1.32271	1.32271	2.41469	4.44592	1.63662	1
cg21220927	POMT2;GSTZ1;GSTZ1;GSTZ1;GSTZ1	0.114402	0.240766	1.19052	1.19052	0.151451	1.2439	1.2439	0.0992753	1.29251	1.29251	0.0832161	0.761602	-1.31302	0.127072	1.26405	1.26405	0.106107	1.28481	1.28481	0.241198	0.840116	-1.19031	0.398791	1.13051	1.13051	0.149055	1.24573	1.24573	2.41469	0.771134	0.283868	1
cg20231694	SHANK2	0.114402	0.100224	0.339415	-2.94624	0.0220708	0.192612	-5.19179	0.151786	0.397997	-2.51258	0.268542	0.500865	-1.99655	0.0344509	0.227664	-4.39244	0.980991	0.985807	-1.0144	0.0319789	0.221414	-4.51642	0.646625	0.758087	-1.31911	0.125671	0.369981	-2.70284	2.41469	13.7668	5.06782	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05216219	XYLT1	0.114404	0.48842	1.11594	1.11594	0.785683	1.0434	1.0434	0.059609	0.717967	-1.39282	0.195311	0.807771	-1.23797	0.138802	0.780092	-1.2819	0.760754	1.04875	1.04875	0.0360861	1.46218	1.46218	0.385071	0.870408	-1.14889	0.116129	0.766332	-1.30492	2.41467	0.92897	0.341973	1
cg04447621	FAM50B	0.114404	0.0228662	4.0487	4.0487	0.0892221	2.61819	2.61819	0.0682988	2.85276	2.85276	0.196944	2.01491	2.01491	0.866454	0.917193	-1.09028	0.22084	1.93672	1.93672	0.031061	3.66886	3.66886	0.0847398	2.66203	2.66203	0.152853	2.19519	2.19519	2.41467	10.0865	3.71306	1
cg00491064	NAV2	0.114405	0.0330574	0.119751	-8.35067	0.867976	0.867903	-1.1522	0.615623	1.53892	1.53892	0.0558336	0.158031	-6.32785	0.0300296	0.113794	-8.78778	0.599849	0.637124	-1.56955	0.0504217	0.149736	-6.67841	0.594496	0.632837	-1.58019	0.112012	0.22908	-4.36528	2.41466	27.7328	10.209	1
cg27334919	TWIST1	0.114406	0.197857	0.487693	-2.05047	0.366328	0.612841	-1.63174	0.928667	1.04837	1.04837	0.0472428	3.31271	3.31271	0.238189	0.521093	-1.91904	0.606416	0.760196	-1.31545	0.175257	0.467421	-2.1394	0.0391091	3.52432	3.52432	0.350061	1.66109	1.66109	2.41465	10.6447	3.91856	1
cg01885832	IGF2BP1;IGF2BP1	0.114406	0.251252	1.50852	1.50852	0.970551	1.01274	1.01274	0.257945	0.667058	-1.49912	0.915032	1.03728	1.03728	0.514468	0.797135	-1.25449	0.439122	1.31081	1.31081	0.0279317	2.43723	2.43723	0.0177758	2.68713	2.68713	0.149248	1.69964	1.69964	2.41465	4.49865	1.65606	1
cg04189705	TRPM6	0.114407	0.799371	0.940106	-1.06371	0.356341	1.25869	1.25869	0.00801575	2.27945	2.27945	0.271305	0.757503	-1.32013	0.0582171	0.595052	-1.68052	0.943652	1.01729	1.01729	0.854171	1.04563	1.04563	0.906734	1.02883	1.02883	0.971241	1.00878	1.00878	2.41464	2.24907	0.82794	1
cg04528382	CFL1	0.11441	0.421452	1.20142	1.20142	0.0433966	1.68048	1.68048	0.0646315	1.59009	1.59009	0.0979615	1.50026	1.50026	0.629544	0.897082	-1.11473	0.799513	1.05852	1.05852	0.0890925	1.52041	1.52041	0.0167947	1.91949	1.91949	0.241973	1.31476	1.31476	2.41461	1.90946	0.702927	1
ch.X.188238R	PRPS2;PRPS2	0.114412	0.0267519	0.404323	-2.47327	0.126645	0.565466	-1.76845	0.833979	0.93014	-1.07511	?	?	?	0.543572	1.23632	1.23632	0.0290814	0.411675	-2.4291	0.0574996	0.476522	-2.09854	0.387865	0.736847	-1.35713	0.413845	0.749587	-1.33407	2.43889	4.08769	1.67605	1
cg01335729	ZCCHC3	0.114418	0.0687383	0.582558	-1.71657	0.503173	1.19747	1.19747	0.304242	1.32605	1.32605	0.116049	1.57306	1.57306	0.489014	1.20493	1.20493	?	?	?	0.0693466	1.71407	1.71407	0.0591314	1.75975	1.75975	0.16241	1.48525	1.48525	2.43884	2.41529	0.990344	1
cg02390725	SLC22A18;SLC22A18;SLC22A18AS	0.114419	0.0676004	0.342534	-2.91942	0.411325	0.644319	-1.55203	0.101834	0.391781	-2.55245	0.252059	0.5347	-1.87021	0.0118105	0.193001	-5.18132	0.0929252	0.380129	-2.63068	0.0688174	0.344532	-2.90249	0.0606669	0.330676	-3.02411	0.209408	0.500454	-1.99819	2.41453	10.4695	3.85427	1
cg00337466	ADAM8;ADAM8;ADAM8	0.114421	0.0292763	0.444414	-2.25015	0.628962	0.857477	-1.16621	0.20746	1.52165	1.52165	0.183542	1.56143	1.56143	0.285503	0.704463	-1.41952	0.730292	1.11548	1.11548	0.0316678	2.2156	2.2156	0.631772	1.16472	1.16472	0.87102	0.949979	-1.05265	2.41451	3.81382	1.40404	1
cg14102880	ABR;ABR;ABR	0.114421	0.3428	2.49858	2.49858	0.0127495	18.1643	18.1643	0.0257332	11.962	11.962	0.807931	1.25633	1.25633	0.153271	0.238638	-4.19044	0.849468	0.83692	-1.19486	0.936257	1.07782	1.07782	0.944789	0.93717	-1.06704	0.812878	1.2488	1.2488	2.41451	33.57	12.3586	1
cg04023526	LRRC32;LRRC32	0.114421	0.0769648	0.394753	-2.53323	0.0750482	0.391826	-2.55215	0.0490029	0.345677	-2.89287	0.466637	0.704612	-1.41922	0.0560923	0.359661	-2.78039	0.038847	0.322895	-3.09698	0.0255332	0.285313	-3.50493	0.308882	0.607906	-1.64499	0.330452	0.62212	-1.60741	2.41451	8.5418	3.14462	1
cg26706521	HLA-B	0.114422	0.396218	0.739541	-1.35219	0.0995834	0.534277	-1.87169	0.0726693	2.00461	2.00461	0.122087	1.78952	1.78952	0.519835	0.79726	-1.2543	0.630216	0.844964	-1.18348	0.997008	1.0013	1.0013	0.284997	1.47061	1.47061	0.0318584	2.39533	2.39533	2.4145	4.61204	1.69791	1
cg00114346	DNAJB6	0.114425	0.268483	0.431493	-2.31753	0.29569	2.20514	2.20514	0.569075	0.657255	-1.52148	0.0960334	0.263691	-3.79231	0.666858	0.729193	-1.37138	0.391992	0.52753	-1.89562	0.00531636	0.068671	-14.5622	0.438479	0.561977	-1.77943	0.142664	0.316926	-3.15531	2.41447	20.3364	7.48687	1
cg11444072	ASAP2;ASAP2	0.114426	0.909995	1.04125	1.04125	0.329999	0.69812	-1.43242	0.0355842	0.417043	-2.39783	0.42052	0.745128	-1.34205	0.457648	1.31047	1.31047	0.315855	0.690227	-1.4488	0.0274599	2.54052	2.54052	0.447647	1.31873	1.31873	0.18499	0.604978	-1.65295	2.41446	4.88705	1.79918	1
cg08358188	TAP2;TAP2	0.114427	0.290093	0.801037	-1.24838	0.215199	1.3016	1.3016	0.958353	1.01061	1.01061	0.630766	1.1028	1.1028	0.444387	0.854244	-1.17063	0.49524	0.869426	-1.15018	0.00504739	2.1154	2.1154	0.298728	1.24312	1.24312	0.827518	0.956868	-1.04508	2.41445	1.56111	0.57473	1
cg06877599	SUPT5H;SUPT5H;SUPT5H;SUPT5H;SUPT5H;SUPT5H;SUPT5H	0.114429	0.025674	0.405171	-2.46809	0.167141	1.65208	1.65208	0.657429	1.16433	1.16433	0.774501	1.10288	1.10288	0.0510775	0.468877	-2.13276	0.854039	0.939151	-1.06479	0.0898063	0.528619	-1.89172	0.387355	1.35263	1.35263	0.613334	1.18971	1.18971	2.41444	4.44383	1.63602	1
cg02092466	NTSR2	0.114429	0.760942	1.07165	1.07165	0.497374	0.855345	-1.16912	0.196584	0.73371	-1.36294	0.103429	1.49767	1.49767	0.441143	1.19499	1.19499	0.305748	1.27188	1.27188	0.00683644	2.21334	2.21334	0.285718	1.28589	1.28589	0.730472	1.08158	1.08158	2.41444	1.96668	0.724045	1
cg06430102	SBNO2	0.114429	0.346964	1.54981	1.54981	0.1205	0.46679	-2.14229	0.339645	1.56085	1.56085	0.779974	0.881001	-1.13507	0.00961295	0.226962	-4.40602	0.921634	0.95646	-1.04552	0.0689967	0.398287	-2.51075	0.708781	1.18499	1.18499	0.678074	0.827915	-1.20785	2.41443	7.82645	2.88136	1
cg16177351	TATDN1;TATDN1;NDUFB9;TATDN1	0.114431	0.890136	0.98537	-1.01485	0.616162	0.947529	-1.05538	0.53911	0.935843	-1.06856	0.654593	1.04919	1.04919	0.929863	1.00943	1.00943	0.0872875	0.817652	-1.22301	0.265933	1.13158	1.13158	0.143954	0.845855	-1.18224	0.0111268	1.40409	1.40409	2.41442	0.434831	0.160087	1
cg25142028	GPR123	0.114433	0.41712	0.805626	-1.24127	0.059746	0.574812	-1.7397	0.0239786	0.495635	-2.01761	0.851964	0.952476	-1.0499	0.0179955	0.472775	-2.11517	0.96341	0.988114	-1.01203	0.965342	1.01139	1.01139	0.0594379	0.574331	-1.74116	0.511573	0.8407	-1.18948	2.4144	2.59764	0.956352	1
ch.13.1437856F	ABCC4;ABCC4	0.114437	0.180314	0.498487	-2.00607	0.68899	0.821306	-1.21757	0.989902	0.993826	-1.00621	0.158365	0.478133	-2.09147	0.123775	0.442346	-2.26067	0.060107	0.354269	-2.82272	0.00583024	0.170914	-5.8509	0.980526	0.988127	-1.01202	0.216309	0.529057	-1.89016	2.41436	9.15546	3.37075	1
cg10337956	SYTL2;SYTL2;SYTL2;SYTL2;SYTL2	0.114438	0.546573	0.875223	-1.14257	0.00612107	0.45774	-2.18465	0.157468	0.71878	-1.39125	0.746951	0.931725	-1.07328	0.86487	1.03791	1.03791	0.347355	1.23536	1.23536	0.235826	1.31176	1.31176	0.366896	0.816705	-1.22443	0.284418	0.784352	-1.27494	2.41435	1.82451	0.671727	1
cg17898189	TBCB;POLR2I	0.114439	0.080153	0.547802	-1.82548	0.0224949	0.428549	-2.33346	0.313412	0.7238	-1.3816	0.509835	0.8128	-1.23032	0.812992	1.07624	1.07624	0.0415707	0.482653	-2.07188	0.806125	0.926601	-1.07921	0.218223	1.4941	1.4941	0.410443	1.29817	1.29817	2.41434	3.67511	1.35307	1
cg00306249	PSMD2	0.11444	0.00571641	0.283627	-3.52576	0.150863	0.585461	-1.70806	0.369926	1.37739	1.37739	0.463365	1.29636	1.29636	0.118522	0.554721	-1.80271	0.568679	0.818457	-1.22181	0.673222	0.862858	-1.15894	0.308895	0.693357	-1.44226	0.861579	0.941115	-1.06257	2.41433	4.62391	1.70239	1
cg04153604	DLG4;DLG4	0.11444	0.0401973	0.579966	-1.72424	0.0312722	0.559506	-1.78729	0.0713505	1.58856	1.58856	0.691427	0.912394	-1.09602	0.704475	0.916154	-1.09152	0.228981	1.33659	1.33659	0.905968	0.973209	-1.02753	0.557077	0.872427	-1.14623	0.336642	0.796392	-1.25566	2.41433	2.01943	0.743499	1
cg00276752	ACACA;ACACA	0.114441	0.277124	0.851111	-1.17493	0.286895	1.17084	1.17084	0.0192403	1.49765	1.49765	0.0372718	0.708357	-1.41172	0.43286	0.892119	-1.12093	0.670676	0.940818	-1.0629	0.527758	0.912794	-1.09554	0.640275	0.935076	-1.06943	0.322938	0.864488	-1.15675	2.41432	0.777832	0.286377	1
cg15466684	RRP1B	0.114443	0.0110451	0.266113	-3.7578	0.689917	1.18124	1.18124	0.0989067	0.471683	-2.12007	0.477826	1.3495	1.3495	0.531299	0.768455	-1.30131	0.311943	1.54411	1.54411	0.544327	1.29028	1.29028	0.716556	1.1635	1.1635	0.0988571	0.471621	-2.12035	2.41431	6.59588	2.42844	1
cg09869729	HK3	0.114444	0.834339	1.05926	1.05926	0.929607	0.976002	-1.02459	0.661064	1.12896	1.12896	0.182178	0.677549	-1.47591	0.828287	1.06154	1.06154	0.039056	1.92831	1.92831	0.0232072	2.1086	2.1086	0.349628	1.30303	1.30303	0.119505	0.628491	-1.59111	2.4143	2.89	1.06403	1
cg02491628	SYNGR1;SYNGR1;SYNGR1	0.114446	0.049295	0.471298	-2.1218	0.463555	1.28419	1.28419	0.605325	1.19096	1.19096	0.636136	0.852337	-1.17324	0.258046	0.673232	-1.48537	0.0735784	0.512348	-1.9518	0.0256376	0.411156	-2.43217	0.192	1.58886	1.58886	0.627539	0.848812	-1.17812	2.41428	4.29758	1.58228	1
cg09205801	ABTB2	0.114449	0.240286	0.83463	-1.19814	0.445536	1.12113	1.12113	0.469962	1.11413	1.11413	0.024964	0.675544	-1.48029	0.0280686	1.4644	1.4644	0.194542	1.22357	1.22357	0.868644	0.975958	-1.02463	0.904201	0.982453	-1.01786	0.778627	1.04231	1.04231	2.41425	0.826557	0.304326	1
cg01628067	SKI	0.114451	0.75196	0.947468	-1.05545	0.129326	1.3217	1.3217	0.437388	0.873868	-1.14434	0.897735	0.978354	-1.02212	0.0979934	0.734242	-1.36195	0.527373	1.11514	1.11514	0.515802	1.11867	1.11867	0.577055	1.10063	1.10063	0.00848455	1.77152	1.77152	2.41423	1.10749	0.407763	1
cg01796143	LGALS8;LGALS8;LGALS8;LGALS8	0.114451	0.828514	1.02654	1.02654	0.857098	1.022	1.022	0.98797	1.00182	1.00182	0.68686	1.05015	1.05015	0.05336	0.767208	-1.30343	0.486668	0.918199	-1.08909	0.0164627	0.701956	-1.42459	0.0636264	1.28633	1.28633	0.648153	1.05704	1.05704	2.41423	0.557461	0.20525	1
cg20554761	AMPH;AMPH	0.114454	0.4735	0.819232	-1.22066	0.198175	1.45057	1.45057	0.799502	1.07209	1.07209	0.425986	0.800653	-1.24898	0.0415688	0.525895	-1.90152	0.0578104	1.79793	1.79793	0.0650781	1.76208	1.76208	0.386384	1.27488	1.27488	0.562747	0.85211	-1.17356	2.4142	2.8601	1.05307	1
cg07730149	MPV17L2	0.11446	0.74685	0.948086	-1.05476	0.755216	0.949825	-1.05283	0.249145	1.21928	1.21928	0.801553	0.959395	-1.04232	0.211115	1.24217	1.24217	0.14637	0.773655	-1.29257	0.178581	0.790386	-1.2652	0.375041	1.16167	1.16167	0.0114076	1.68405	1.68405	2.41414	1.03589	0.381414	1
cg03010301	MIR125A;MIR99B;NCRNA00085;MIRLET7E	0.114461	0.400058	0.65188	-1.53402	0.248377	1.82099	1.82099	0.210277	1.92664	1.92664	0.279331	1.74836	1.74836	0.159872	0.474277	-2.10847	0.369381	0.632599	-1.58078	0.00999542	0.198776	-5.03078	0.861225	0.916755	-1.0908	0.877509	0.926248	-1.07962	2.41413	9.43374	3.47353	1
cg15986841	ECHDC2	0.114462	0.0938054	15.5975	15.5975	0.874026	1.26687	1.26687	0.0460154	30.236	30.236	0.913671	0.85072	-1.17548	0.108956	13.5469	13.5469	0.639079	0.494491	-2.02228	0.221991	6.77732	6.77732	0.0111326	114.935	114.935	0.917959	0.857609	-1.16603	2.41413	84.9818	31.2905	1
cg13393964	THUMPD1	0.114463	0.506541	0.881816	-1.13402	0.0896047	0.705215	-1.41801	0.214516	0.783592	-1.27617	0.0211683	0.596172	-1.67737	0.828661	0.960359	-1.04128	0.0532004	0.663701	-1.5067	0.42363	0.858549	-1.16476	0.815638	0.957349	-1.04455	0.100156	1.39958	1.39958	2.41412	1.33162	0.490308	1
cg22497460	NFATC2	0.114464	0.358138	0.776047	-1.28858	0.00397321	2.82673	2.82673	0.348303	1.29574	1.29574	0.971686	0.990522	-1.00957	0.422008	1.24616	1.24616	0.762381	0.921859	-1.08476	0.394872	0.791515	-1.2634	0.527477	1.18741	1.18741	0.308437	1.3269	1.3269	2.41411	2.75246	1.01347	1
cg20643039	PIK3R5;PIK3R5	0.114469	0.679107	0.923748	-1.08255	0.388425	1.18357	1.18357	0.296205	0.81341	-1.22939	0.796263	0.951865	-1.05057	0.828958	1.04211	1.04211	0.672683	0.922175	-1.08439	0.00708755	1.94135	1.94135	0.179752	0.76211	-1.31215	0.201442	0.773201	-1.29333	2.41406	1.38993	0.511791	1
cg08410301	DDX52;DDX52;DDX52	0.114469	0.681573	1.16457	1.16457	0.0286195	0.38538	-2.59484	0.85231	1.07124	1.07124	0.335594	0.693045	-1.44291	0.0336947	0.400151	-2.49906	0.241165	0.63567	-1.57314	0.189604	1.67042	1.67042	0.81499	1.09041	1.09041	0.220668	1.60876	1.60876	2.41406	5.21339	1.91964	1
cg15341579	WBSCR16	0.114476	0.176635	1.394	1.394	0.97172	0.991835	-1.00823	0.0212692	0.527154	-1.89698	0.81499	0.947235	-1.0557	0.411167	1.21452	1.21452	0.0453815	0.588128	-1.70031	0.119568	0.676645	-1.47788	0.210416	0.736965	-1.35692	0.936237	1.01868	1.01868	2.414	2.04481	0.752947	1
cg05058167	GRB7;GRB7	0.114477	0.0636969	23.2753	23.2753	0.0653083	22.7353	22.7353	0.775171	1.54088	1.54088	0.419113	3.47793	3.47793	0.993921	0.988564	-1.01157	0.952843	0.914581	-1.0934	0.0498448	0.0341345	-29.2958	0.924851	1.15309	1.15309	0.0405383	35.56	35.56	2.41399	87.1517	32.0914	1
cg02605795	HEXDC;C17orf101;C17orf101	0.114477	0.363495	1.35189	1.35189	0.802276	1.08437	1.08437	0.923059	0.969293	-1.03168	0.906198	1.03879	1.03879	0.988653	1.0046	1.0046	0.103926	1.7754	1.7754	0.00486181	0.299564	-3.33819	0.59451	0.840755	-1.18941	0.785218	1.0922	1.0922	2.41398	3.98488	1.46733	1
cg15067606	NAA50	0.114478	0.0275568	0.270362	-3.69875	0.143927	0.454732	-2.1991	0.340491	0.610751	-1.63733	0.224942	0.52742	-1.89602	0.0216021	0.250395	-3.99369	0.295879	0.580383	-1.723	0.0347518	0.290737	-3.43954	0.558598	1.34569	1.34569	0.430361	0.667631	-1.49783	2.41398	9.63231	3.54687	1
cg04943357	SEC13;SEC13;SEC13;SEC13	0.114479	0.0278433	4.24565	4.24565	0.426735	1.57052	1.57052	0.531494	1.4227	1.4227	0.0385867	3.79147	3.79147	0.998955	1.00073	1.00073	0.716775	1.22464	1.22464	0.143419	2.39785	2.39785	0.0314966	4.06765	4.06765	0.040022	3.74389	3.74389	2.41397	11.829	4.35577	1
cg13602242	MTHFD1L	0.114479	0.00708093	0.461958	-2.1647	0.7792	1.06436	1.06436	0.834382	0.954598	-1.04756	0.469581	1.17736	1.17736	0.151155	0.710788	-1.40689	0.213333	0.747644	-1.33754	0.712695	0.921197	-1.08554	0.251773	0.766664	-1.30435	0.205919	1.34462	1.34462	2.41396	1.88297	0.693362	1
cg19910200	TMEM190	0.114481	0.047167	2.07027	2.07027	0.160737	1.61609	1.61609	0.523262	1.23031	1.23031	0.265665	1.45008	1.45008	0.0555998	2.00362	2.00362	0.0880806	1.82764	1.82764	0.00952053	2.86403	2.86403	0.138612	1.66659	1.66659	0.374271	1.33936	1.33936	2.41395	3.92427	1.44503	1
cg03755177	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.114484	0.532005	0.653457	-1.53032	0.0728344	3.83835	3.83835	0.591433	1.43936	1.43936	0.415371	1.74992	1.74992	0.404277	0.563493	-1.77465	0.690663	1.30848	1.30848	0.367501	0.536758	-1.86304	0.974582	0.978812	-1.02165	0.00644718	10.8174	10.8174	2.41392	17.2721	6.36019	1
cg19320671	PRPF18	0.114484	0.460113	0.829773	-1.20515	0.445406	1.2129	1.2129	0.188545	1.41295	1.41295	0.796771	0.937974	-1.06613	0.191754	1.40902	1.40902	0.0687432	1.65776	1.65776	0.017661	0.488645	-2.04647	0.889068	1.03524	1.03524	0.278902	1.32226	1.32226	2.41392	2.3537	0.866714	1
cg12632249	SORCS2	0.114487	0.217584	0.705196	-1.41805	0.389313	0.788556	-1.26814	0.550771	0.849987	-1.17649	0.00322098	0.338787	-2.95171	0.89487	1.03624	1.03624	0.667907	0.890282	-1.12324	0.21568	0.704068	-1.42032	0.546378	1.17865	1.17865	0.695937	1.11155	1.11155	2.41389	2.77196	1.02074	1
cg01284192	IGF1R	0.114488	0.930888	0.984356	-1.01589	0.0210519	1.65605	1.65605	0.889001	0.974935	-1.02571	0.939534	1.01389	1.01389	0.714336	0.935357	-1.06911	0.68611	1.07665	1.07665	0.00777986	1.86116	1.86116	0.753014	0.944233	-1.05906	0.692939	0.930398	-1.07481	2.41389	1.26328	0.46519	1
cg12788471	ARPC5L	0.114488	0.058878	1.23256	1.23256	0.589875	0.948068	-1.05478	0.518502	1.06625	1.06625	0.200941	1.14153	1.14153	0.228513	1.13186	1.13186	0.585287	0.947431	-1.05549	0.0133326	0.740483	-1.35047	0.890954	0.986647	-1.01353	0.936075	0.99217	-1.00789	2.41388	0.367177	0.135209	1
cg16608348	PTPN14	0.114491	0.121604	0.286957	-3.48484	0.764491	0.799712	-1.25045	0.469664	1.72839	1.72839	0.0803061	4.23435	4.23435	0.128614	0.29471	-3.39317	0.198511	0.363916	-2.74789	0.208713	0.373131	-2.68002	0.0520853	5.17465	5.17465	0.694374	0.745454	-1.34146	2.41385	21.1555	7.7904	1
cg14940444	CLEC5A	0.114491	0.0342574	0.104902	-9.53266	0.426186	0.476303	-2.0995	0.0329546	0.102615	-9.74515	0.138239	0.232959	-4.2926	0.0609794	0.145489	-6.87336	0.590052	0.608664	-1.64294	0.0357236	0.107431	-9.30832	0.563771	0.587009	-1.70355	0.057607	0.140868	-7.09885	2.41385	31.8552	11.7305	1
cg08777147	BCOR;BCOR;BCOR;BCOR	0.114492	0.048544	0.106768	-9.36608	0.141252	0.221975	-4.50501	0.705903	0.70854	-1.41135	0.0730631	7.03596	7.03596	?	?	?	0.285428	0.356726	-2.80327	?	?	?	0.206005	3.49892	3.49892	0.599918	1.61994	1.61994	3.11752	28.9344	6.62944	1
cg10466626	WWOX	0.114492	0.613617	1.16449	1.16449	0.0830908	0.563317	-1.7752	0.899306	0.962843	-1.03859	0.463563	0.799991	-1.25001	0.21506	0.676827	-1.47748	0.0990762	1.71745	1.71745	0.0181259	2.3592	2.3592	0.652842	1.14503	1.14503	0.494359	0.812557	-1.23068	2.41385	3.42018	1.25947	1
cg20117103	ATP10A	0.114492	0.794662	1.09008	1.09008	0.186474	1.58901	1.58901	0.828851	0.930914	-1.07421	0.126593	0.579	-1.72712	0.315382	0.709438	-1.40957	0.425842	1.30851	1.30851	0.0151919	2.68076	2.68076	0.653933	1.16093	1.16093	0.121292	0.57379	-1.7428	2.41384	4.18028	1.53937	1
cg20018225	TGOLN2	0.114493	0.176039	0.725807	-1.37778	0.183408	1.36949	1.36949	0.0794339	1.54298	1.54298	0.319037	0.795007	-1.25785	0.758438	0.933591	-1.07113	0.0353341	1.72626	1.72626	0.528162	0.867297	-1.15301	0.218832	0.749689	-1.33389	0.230701	1.32326	1.32326	2.41383	1.89716	0.698627	1
cg10246450	ZFHX3;ZFHX3	0.114494	0.86255	1.0542	1.0542	0.0442858	0.494702	-2.02142	0.038923	0.482763	-2.07141	0.334561	0.738482	-1.35413	0.506189	0.814264	-1.2281	0.115704	1.68351	1.68351	0.0542804	0.514115	-1.94509	0.185166	0.651782	-1.53425	0.57513	0.84155	-1.18828	2.41382	3.54746	1.30635	1
cg25318663	TIGD3	0.114495	0.00855149	0.510963	-1.95709	0.643087	0.910831	-1.0979	0.72918	0.932801	-1.07204	0.678794	1.08692	1.08692	0.0946706	0.692364	-1.44433	0.753818	1.06499	1.06499	0.207078	1.30513	1.30513	0.262989	1.2631	1.2631	0.601904	1.11109	1.11109	2.41382	1.53143	0.563951	1
cg08540958	CCL2	0.114497	0.0943481	0.682978	-1.46418	0.0295434	0.587857	-1.70109	0.0126512	0.525895	-1.90152	0.0956343	0.684186	-1.46159	0.209295	0.760044	-1.31571	0.770644	0.94119	-1.06248	0.276283	0.79073	-1.26465	0.677268	1.09066	1.09066	0.287131	0.795201	-1.25754	2.4138	1.64341	0.60519	1
cg10096948	TPPP3;TPPP3;ZDHHC1	0.1145	0.656419	1.26831	1.26831	0.410711	0.639822	-1.56293	0.288477	0.557125	-1.79493	0.516742	0.70541	-1.41762	0.426503	1.53883	1.53883	0.0970522	2.62948	2.62948	0.00830614	5.99597	5.99597	0.310012	1.74658	1.74658	0.546068	0.723028	-1.38307	2.41377	10.7728	3.96717	1
cg03483426	AGBL3	0.114501	0.570181	0.885743	-1.129	0.0148935	1.88366	1.88366	0.549637	1.13655	1.13655	0.456392	0.851815	-1.17396	0.239527	0.770727	-1.29748	0.0926293	0.676186	-1.47888	0.138054	0.713446	-1.40165	0.453193	0.850806	-1.17536	0.527915	1.14479	1.14479	2.41376	1.7091	0.62939	1
cg16868500	SRRM3	0.114502	0.886556	1.08603	1.08603	0.0730746	3.17651	3.17651	0.281497	1.91004	1.91004	0.710094	1.24096	1.24096	0.189936	0.448137	-2.23146	0.462152	0.648712	-1.54152	0.0139452	0.172762	-5.7883	0.781406	1.17448	1.17448	0.239775	0.490819	-2.03741	2.41375	12.7787	4.70589	1
cg00509921	MAF;MAF;MAF	0.114502	0.00931472	0.295478	-3.38434	0.919156	1.03824	1.03824	0.915937	1.03979	1.03979	0.104208	0.518655	-1.92806	0.081099	0.489297	-2.04375	0.596718	0.820892	-1.21819	0.0618861	0.459736	-2.17516	0.135345	0.551606	-1.81289	0.203633	0.60901	-1.64201	2.41375	5.22208	1.92309	1
cg11181795	NEURL4;NEURL4;GPS2	0.114504	0.95015	0.990092	-1.01001	0.111402	1.31806	1.31806	0.2063	0.808718	-1.23653	0.473883	0.890473	-1.123	0.21738	1.2296	1.2296	0.504186	0.897676	-1.11399	0.0997839	1.33278	1.33278	0.0304775	0.66698	-1.4993	0.266654	0.831669	-1.2024	2.41373	0.969647	0.357085	1
cg01981181	LMBR1L	0.114505	0.080619	0.646263	-1.54736	0.207679	1.34894	1.34894	0.0298535	1.77859	1.77859	0.541758	1.1493	1.1493	0.244713	1.31543	1.31543	0.436407	1.19588	1.19588	0.197014	0.735445	-1.35972	0.625577	1.11716	1.11716	0.181678	0.726574	-1.37632	2.41373	1.94037	0.714568	1
cg18444519	TXNDC15	0.11451	0.0940016	0.774529	-1.29111	0.61471	1.07297	1.07297	0.481446	1.10439	1.10439	0.319765	0.867046	-1.15334	0.603301	1.07546	1.07546	0.678849	0.943865	-1.05947	0.00674735	0.614259	-1.62798	0.406116	1.12517	1.12517	0.551515	1.08719	1.08719	2.41367	0.736029	0.271059	1
cg08481491	ALDH1L1	0.114513	0.964778	1.01872	1.01872	0.00554303	4.62138	4.62138	0.167002	1.85662	1.85662	0.906503	1.05059	1.05059	0.464136	1.36744	1.36744	0.753158	0.875901	-1.14168	0.740527	0.869725	-1.14979	0.134345	0.507601	-1.97005	0.412592	1.42168	1.42168	2.41364	6.74327	2.48339	1
cg01723606	SH2B2	0.114514	0.071891	5.3281	5.3281	0.268315	0.38288	-2.61178	0.220895	0.342481	-2.91987	0.613387	1.52839	1.52839	0.276092	2.56855	2.56855	0.381954	2.10985	2.10985	0.0183355	10.841	10.841	0.0881782	4.79052	4.79052	0.57513	1.60246	1.60246	2.41363	26.5026	9.76033	1
cg15354892	BAZ1B	0.114515	0.366459	0.827979	-1.20776	0.0305767	0.596337	-1.6769	0.296257	0.802245	-1.2465	0.953629	0.988238	-1.0119	0.414571	1.18492	1.18492	0.946892	0.986539	-1.01365	0.015556	1.82874	1.82874	0.968322	1.00811	1.00811	0.4862	0.865927	-1.15483	2.41363	1.58228	0.582721	1
cg02800396	SF1;SF1;SF1	0.114516	0.913239	1.06191	1.06191	0.0508115	3.40912	3.40912	0.021771	4.56262	4.56262	0.378933	1.64469	1.64469	0.0747469	0.334843	-2.98648	0.706884	0.812023	-1.23149	0.97628	0.983746	-1.01652	0.14221	2.38609	2.38609	0.831109	1.12494	1.12494	2.41362	11.6139	4.27717	1
cg21547095	KIFC1	0.114517	0.0265836	0.349467	-2.8615	0.0924502	0.476775	-2.09743	0.0594971	0.427069	-2.34154	0.178953	0.564905	-1.77021	0.0464265	0.401545	-2.49038	0.189125	0.573242	-1.74446	0.0830027	0.464047	-2.15495	0.0847324	0.466452	-2.14384	0.0682903	0.441974	-2.26257	2.41361	6.1161	2.25245	1
cg05403655	PKNOX2	0.114517	0.848973	0.81367	-1.229	0.0348022	14.3109	14.3109	0.019098	21.5	21.5	0.351141	2.82335	2.82335	0.138906	0.178542	-5.60093	0.45395	2.28204	2.28204	0.172116	4.8165	4.8165	0.632486	1.68394	1.68394	0.191706	4.45898	4.45898	2.41361	44.7207	16.4698	1
cg05838727	ZMYM5;ZMYM5;ZMYM5	0.114519	?	?	?	?	?	?	0.0502625	0.0970459	-10.3044	0.638695	0.623811	-1.60305	0.0843628	7.18853	7.18853	0.202235	3.9228	3.9228	?	?	?	?	?	?	0.75108	0.728244	-1.37317	2.88826	23.9754	9.96119	1
cg02531794	SRCRB4D;ZP3	0.11452	0.0871685	0.644685	-1.55115	0.0464962	0.588621	-1.69889	0.0114384	0.479233	-2.08667	0.666251	0.904065	-1.10612	0.495399	0.85138	-1.17456	0.524916	1.16154	1.16154	0.516344	1.16526	1.16526	0.385121	0.813053	-1.22993	0.554087	1.14924	1.14924	2.41358	2.06504	0.760525	1
cg06240542	CYBASC3;CYBASC3;CYBASC3;TMEM138;CYBASC3;TMEM138	0.114523	0.846475	1.01961	1.01961	0.915124	0.989374	-1.01074	0.759285	1.03128	1.03128	0.892343	1.01366	1.01366	0.292707	1.1156	1.1156	0.692832	1.04059	1.04059	0.00849469	0.714176	-1.40021	0.0798104	1.21508	1.21508	0.180836	1.15302	1.15302	2.41355	0.383858	0.141371	1
cg27430053	C16orf13;C16orf13;C16orf13;C16orf13;C16orf13	0.114523	0.403821	1.22917	1.22917	0.0112738	2.1526	2.1526	0.348156	1.26277	1.26277	0.658013	1.11361	1.11361	0.990267	0.997058	-1.00295	0.826481	0.948352	-1.05446	0.7598	0.928606	-1.07688	0.0558532	0.592591	-1.6875	0.214563	0.729356	-1.37107	2.41355	2.23011	0.82133	1
cg11695266	DNAJB6;DNAJB6	0.114524	0.257611	0.777743	-1.28577	0.0156451	1.87854	1.87854	0.146802	1.39281	1.39281	0.38519	1.20855	1.20855	0.307066	0.798536	-1.25229	0.732465	1.07574	1.07574	0.209676	0.754797	-1.32486	0.151905	1.38626	1.38626	0.376083	1.21321	1.21321	2.41355	1.73046	0.637314	1
cg12824782	C5orf38	0.114527	0.93624	0.978921	-1.02153	0.679186	1.11711	1.11711	0.567995	0.857542	-1.16612	0.278822	1.34965	1.34965	0.640141	0.882161	-1.13358	0.128411	1.54902	1.54902	0.0155064	0.45357	-2.20473	0.949643	0.983322	-1.01696	0.0512059	1.80621	1.80621	2.41352	2.71048	0.998258	1
cg16725234	KLHL13;KLHL13;KLHL13;KLHL13;KLHL13;KLHL13	0.114527	0.103779	1.76614	1.76614	0.612854	0.849462	-1.17722	0.261553	0.687729	-1.45406	0.121252	0.584382	-1.71121	0.126839	0.589787	-1.69553	0.124401	1.70227	1.70227	0.132682	1.67994	1.67994	0.145633	0.606795	-1.648	0.512439	0.808624	-1.23667	2.41351	3.90797	1.43929	1
cg17680813	NCEH1;NCEH1;NCEH1;NCEH1	0.114529	0.233065	0.84399	-1.18485	0.8157	1.03218	1.03218	0.663967	1.06109	1.06109	0.841591	0.973221	-1.02752	0.0139441	0.662346	-1.50979	0.463955	1.1064	1.1064	0.173222	1.21724	1.21724	0.406204	0.891129	-1.12217	0.0470529	0.734692	-1.36112	2.4135	0.703371	0.259051	1
cg25891204	ZNF652;ZNF652;ZNF652	0.114533	0.00621274	0.319007	-3.13473	0.397432	0.757675	-1.31983	0.982569	0.993028	-1.00702	0.427761	0.771588	-1.29603	0.642677	0.861021	-1.16141	0.0410305	0.469947	-2.1279	0.328187	1.38158	1.38158	0.890967	1.04491	1.04491	0.913616	1.03536	1.03536	2.41346	3.92062	1.44398	1
cg24655428	ISLR;ISLR	0.114533	0.696046	1.09997	1.09997	0.025759	1.90157	1.90157	0.478553	1.19106	1.19106	0.15536	0.691429	-1.44628	0.387064	0.806402	-1.24008	0.226617	0.73484	-1.36084	0.0566031	1.68832	1.68832	0.917468	1.02547	1.02547	0.173028	1.42175	1.42175	2.41346	2.25136	0.829185	1
cg03765258	CAMTA1	0.114535	0.0633494	0.324412	-3.0825	0.0101792	0.174274	-5.73809	0.0403035	0.278817	-3.58658	0.902998	0.936379	-1.06794	0.104897	0.384647	-2.59979	0.301496	0.561497	-1.78095	0.145735	0.430805	-2.32124	0.367837	0.60731	-1.64661	0.943014	0.962191	-1.0393	2.41344	11.1106	4.09211	1
cg21492832	TMEM121	0.114536	0.133451	3.75533	3.75533	?	?	?	0.0419575	6.79387	6.79387	0.68405	1.39716	1.39716	0.731112	1.32575	1.32575	?	?	?	?	?	?	0.880465	1.13089	1.13089	0.0543402	0.167839	-5.95811	2.50555	17.6769	9.40679	1
cg13899293	FRAS1;FRAS1	0.114537	0.73871	1.10544	1.10544	0.416134	0.779691	-1.28256	0.214837	0.676393	-1.47843	0.86905	0.951794	-1.05065	0.0317561	0.47059	-2.12499	0.194093	0.662732	-1.50891	0.0862643	1.76388	1.76388	0.571607	1.18669	1.18669	0.0416317	0.494942	-2.02044	2.41343	3.42716	1.26226	1
cg26464207	C15orf51	0.114538	0.155426	1.37002	1.37002	0.173583	1.34965	1.34965	0.977599	1.00583	1.00583	0.707892	1.08107	1.08107	0.832007	1.04498	1.04498	0.0534261	1.57516	1.57516	0.00547177	2.131	2.131	0.373697	1.20818	1.20818	0.650046	0.909743	-1.09921	2.41341	1.6394	0.60381	1
cg09980114	WDR20;WDR20;WDR20;WDR20	0.114539	0.129609	2.46576	2.46576	0.189315	2.15194	2.15194	0.798952	1.15105	1.15105	0.508471	1.44732	1.44732	0.120928	2.52676	2.52676	0.174162	2.21839	2.21839	0.00699108	6.83922	6.83922	0.0810024	2.90471	2.90471	0.0686597	3.07473	3.07473	2.4134	11.6112	4.27658	1
cg12128119	GLB1L2	0.114541	0.429013	0.870531	-1.14872	0.570429	1.10349	1.10349	0.103524	0.73656	-1.35766	0.166513	0.77621	-1.28831	0.804537	1.0435	1.0435	0.0289967	1.55589	1.55589	0.0439598	1.48819	1.48819	0.623167	1.08877	1.08877	0.798932	1.04481	1.04481	2.41338	1.12728	0.415194	1
cg09935440	FAM180A	0.114545	0.219495	0.474338	-2.1082	0.0238648	0.210704	-4.746	0.0631252	0.298983	-3.34467	0.43943	0.634142	-1.57693	0.0326508	0.235972	-4.2378	0.197291	0.455081	-2.19741	0.0459964	0.26688	-3.74701	0.0610911	0.295485	-3.38426	0.581182	0.724812	-1.37967	2.41335	12.7527	4.69712	1
cg09946870	DENND3	0.114545	0.0798957	0.269317	-3.71309	0.04394	0.209513	-4.77298	0.0617601	0.241659	-4.13806	0.92321	0.936988	-1.06725	0.0113672	0.117756	-8.4921	0.348987	0.521592	-1.91721	0.155019	0.357953	-2.79366	0.32075	0.500294	-1.99882	0.142773	0.345291	-2.89611	2.41335	17.4183	6.41556	1
cg09121930	LPCAT1	0.114546	0.898282	0.960744	-1.04086	0.00931304	2.80933	2.80933	0.302138	1.39757	1.39757	0.277401	0.702071	-1.42436	0.0579023	1.95685	1.95685	0.541924	1.21328	1.21328	0.783698	1.08998	1.08998	0.439866	0.781394	-1.27976	0.193506	1.53855	1.53855	2.41334	3.74777	1.38039	1
cg23222740	SNX13	0.114546	0.307482	0.80227	-1.24646	0.0258825	0.576006	-1.73609	0.114568	1.43034	1.43034	0.163306	0.733231	-1.36383	0.744485	0.934071	-1.07058	0.108362	0.693999	-1.44092	0.242815	0.774991	-1.29034	0.288647	1.25825	1.25825	0.463151	1.16853	1.16853	2.41334	1.66236	0.612287	1
cg08744461	PWP1	0.114548	0.624945	1.11167	1.11167	0.571919	0.884507	-1.13057	0.86552	1.03709	1.03709	0.9347	1.01776	1.01776	0.112323	1.44984	1.44984	0.427109	0.840112	-1.19032	0.500668	0.863405	-1.1582	0.00530834	2.20202	2.20202	0.206268	1.33168	1.33168	2.41332	1.76454	0.649927	1
cg07466560	RNF216;RNF216	0.114548	0.00722553	0.406805	-2.45818	0.301507	0.757485	-1.32016	0.603929	0.873025	-1.14544	0.491	0.83401	-1.19903	0.0917936	0.617769	-1.61873	0.976886	0.992511	-1.00755	0.673144	1.11638	1.11638	0.152359	1.48853	1.48853	0.353043	0.780401	-1.28139	2.41332	2.57319	0.947774	1
cg18760055	CASZ1;CASZ1	0.114549	0.0923275	0.441181	-2.26664	0.01846	0.282974	-3.5339	0.728948	0.857569	-1.16609	0.455747	0.71495	-1.3987	0.0500383	0.372689	-2.6832	0.35563	0.657248	-1.52149	0.0641966	0.399068	-2.50584	0.0270697	0.314762	-3.177	0.543483	0.76214	-1.3121	2.41331	7.45685	2.74657	1
cg21572730	PRAMEF2	0.11455	0.911667	1.05182	1.05182	0.299358	1.63182	1.63182	0.0728075	0.40205	-2.48726	0.965482	0.980491	-1.0199	0.00598667	0.194839	-5.13244	0.921083	0.955887	-1.04615	0.793188	1.12707	1.12707	0.947827	0.970646	-1.03024	0.177026	0.520332	-1.92185	2.4133	7.92264	2.91814	1
cg16568373	ENO3;ENO3	0.114552	0.42628	1.29456	1.29456	0.689922	0.880339	-1.13593	0.741916	1.11074	1.11074	0.365163	1.34408	1.34408	0.12997	0.594627	-1.68173	0.724716	0.893716	-1.11892	0.0159515	2.55439	2.55439	0.0297997	2.25379	2.25379	0.976167	0.990551	-1.00954	2.41328	3.86025	1.42186	1
cg00346009	VSIG10	0.114552	0.00744091	0.671953	-1.4882	0.236084	0.866577	-1.15397	0.898544	0.985395	-1.01482	0.641305	1.05561	1.05561	0.30166	1.13137	1.13137	0.523034	0.92806	-1.07752	0.559273	0.93416	-1.07048	0.315754	1.12709	1.12709	0.187039	1.17504	1.17504	2.41328	0.508475	0.187288	1
cg00994649	C8orf59;C8orf59;C8orf59;C8orf59	0.114553	0.0699637	0.307647	-3.25048	0.244347	2.03111	2.03111	0.644948	1.30989	1.30989	0.764332	0.839524	-1.19115	0.0374252	0.245364	-4.07558	0.429816	0.625713	-1.59818	0.0206732	0.197679	-5.0587	0.805176	0.866082	-1.15463	0.182441	0.439016	-2.27782	2.41328	12.9367	4.76501	1
cg23612492	WDR25;WDR25	0.114554	0.0435247	0.356074	-2.80841	0.626366	0.803912	-1.24392	0.149945	0.503263	-1.98703	0.586948	0.783467	-1.27638	0.0115623	0.245422	-4.07462	0.879669	0.934827	-1.06972	0.168267	0.520384	-1.92166	0.913447	1.04956	1.04956	0.0367339	0.33976	-2.94326	2.41326	7.56413	2.78613	1
cg02456261	WDR44	0.114554	0.0170173	0.0846914	-11.8076	0.766083	0.776367	-1.28805	0.304071	0.405317	-2.46721	0.346297	2.27704	2.27704	0.100459	0.217245	-4.60309	0.0952704	0.211169	-4.73554	0.0304668	0.115589	-8.65134	0.393805	0.476594	-2.09822	0.297688	0.400132	-2.49917	2.41326	27.5132	10.1341	1
cg17023972	RTTN	0.114555	0.21737	1.50711	1.50711	0.420037	0.770749	-1.29744	0.817395	1.07584	1.07584	0.0254153	2.31556	2.31556	0.363708	0.744504	-1.34318	0.762403	1.10058	1.10058	0.363087	0.744203	-1.34372	0.0188354	2.45792	2.45792	0.455375	1.27165	1.27165	2.41325	3.81822	1.40639	1
cg16076804	C14orf28	0.114558	0.797676	0.960402	-1.04123	0.238786	1.21415	1.21415	0.212715	1.22927	1.22927	0.0779886	0.734903	-1.36072	0.383722	1.15082	1.15082	0.0569833	0.712656	-1.4032	0.507504	1.11154	1.11154	0.0958657	1.3333	1.3333	0.138776	1.28483	1.28483	2.41323	0.945432	0.34824	1
cg04328703	KIF26A	0.114558	0.444376	0.821706	-1.21698	0.0581291	0.583133	-1.71487	0.166174	0.689454	-1.45042	0.884351	0.964008	-1.03734	0.124177	0.657508	-1.52089	0.632392	1.12905	1.12905	0.400878	1.2418	1.2418	0.526724	1.17532	1.17532	0.0119959	0.454171	-2.20182	2.41322	2.42427	0.892959	1
cg15307891	GALNT3;GALNT3	0.114561	0.851151	1.49552	1.49552	0.240333	13.927	13.927	0.169601	22.9808	22.9808	0.598825	0.320654	-3.11862	0.158204	25.3344	25.3344	0.212209	16.6982	16.6982	0.0713791	74.7627	74.7627	0.0147963	617.218	617.218	0.0321961	215.912	215.912	2.4132	175.437	64.6213	1
cg02953302	ADAM12;ADAM12	0.114561	0.0471882	0.17645	-5.66731	0.0903997	0.240444	-4.15898	0.659308	1.4034	1.4034	0.109581	0.263812	-3.79057	0.0649568	0.20535	-4.86974	0.277849	0.42232	-2.36788	0.0420077	0.16698	-5.98873	0.0616863	0.20037	-4.99077	0.0951406	0.246421	-4.0581	2.41319	22.3002	8.21416	1
cg00327506	LYPLA1	0.114563	0.871438	0.923101	-1.08331	0.011301	4.79426	4.79426	0.0392441	3.24972	3.24972	0.384567	1.55342	1.55342	0.408402	0.65852	-1.51856	0.463536	0.691684	-1.44575	0.596675	0.768085	-1.30194	0.450508	1.46208	1.46208	0.448022	0.682477	-1.46525	2.41317	9.32892	3.43629	1
cg25805393	MBP;MBP;MBP;MBP;MBP	0.114566	0.12899	2.60977	2.60977	0.39718	1.66019	1.66019	0.0534876	0.277365	-3.60535	0.170907	2.34566	2.34566	0.0748668	3.19013	3.19013	0.26782	1.96391	1.96391	0.0741203	3.20182	3.20182	0.285105	1.91402	1.91402	0.128509	2.61341	2.61341	2.41315	13.0673	4.81335	1
cg15955074	POLR2L	0.114566	0.720905	1.24308	1.24308	0.400459	1.68547	1.68547	0.18312	2.35557	2.35557	0.623242	1.35031	1.35031	0.0342892	0.223604	-4.47219	0.653459	0.760244	-1.31537	0.0411531	0.239538	-4.1747	0.0974741	3.01323	3.01323	0.732429	0.812074	-1.23142	2.41315	14.0612	5.17948	1
cg12939927	NFKBIL2	0.11457	0.681279	1.07358	1.07358	0.934777	1.01417	1.01417	0.368051	0.853038	-1.17228	0.48959	0.886328	-1.12825	0.0186283	0.612406	-1.6329	0.0396206	1.50544	1.50544	0.185532	1.27296	1.27296	0.329862	1.18871	1.18871	0.716044	1.06482	1.06482	2.41312	1.12955	0.416079	1
cg07706114	SCARA3;SCARA3	0.11457	0.442901	0.888308	-1.12574	0.282528	0.844464	-1.18418	0.78896	0.960201	-1.04145	0.551641	0.912858	-1.09546	0.192755	1.23206	1.23206	0.605282	1.08212	1.08212	0.00493695	1.75709	1.75709	0.401714	1.13875	1.13875	0.905543	0.98219	-1.01813	2.41311	0.875888	0.32264	1
cg12314566	TACR1;TACR1	0.114571	0.378823	0.783409	-1.27647	0.800969	0.933988	-1.07068	0.810032	0.936967	-1.06727	0.720979	1.10181	1.10181	0.978182	1.00742	1.00742	0.749745	1.09037	1.09037	0.545979	0.847722	-1.17963	0.00337676	2.93806	2.93806	0.199802	1.44224	1.44224	2.41311	2.79341	1.02898	1
cg10951120	KCNB1	0.114571	0.0613477	27.0679	27.0679	0.112181	14.9731	14.9731	0.307698	5.21815	5.21815	0.113276	14.8292	14.8292	0.0628461	26.4397	26.4397	0.0777261	21.4903	21.4903	0.0470727	35.015	35.015	0.0231622	69.9548	69.9548	0.126731	13.2581	13.2581	2.4131	93.5669	34.4663	1
cg10140957	GOT2	0.114571	0.220657	1.66569	1.66569	0.216046	1.67516	1.67516	0.0348097	2.65075	2.65075	0.478079	1.33083	1.33083	0.23628	0.611546	-1.6352	0.550644	0.787205	-1.27032	0.0751353	0.455994	-2.19301	0.14039	0.533391	-1.8748	0.765491	0.888222	-1.12585	2.4131	6.00117	2.21059	1
cg08791849	AKAP11	0.114576	0.124104	1.7345	1.7345	0.130688	1.71521	1.71521	0.627383	0.852166	-1.17348	0.734379	0.89466	-1.11774	0.947128	1.0219	1.0219	0.497544	1.25293	1.25293	0.00898111	0.323582	-3.09041	0.439797	0.772487	-1.29452	0.742115	1.11396	1.11396	2.55699	4.23013	1.28671	1
cg02348634	EPCAM;EPCAM	0.114578	0.910072	0.865914	-1.15485	0.576093	0.486871	-2.05393	0.0863483	11.1813	11.1813	0.597897	0.507526	-1.97034	0.690048	0.600027	-1.66659	0.405112	0.33777	-2.96059	0.675955	0.58529	-1.70856	0.00732916	81.8543	81.8543	0.184896	5.99991	5.99991	2.41304	62.0515	22.8579	1
cg21039822	PCYT2	0.114579	0.00640247	0.35011	-2.85624	0.852745	0.946508	-1.05651	0.579743	0.847478	-1.17997	0.069616	0.548596	-1.82284	0.253233	0.702546	-1.42339	0.0403569	0.496267	-2.01504	0.913302	0.968291	-1.03275	0.643218	0.871092	-1.14798	0.918875	1.0306	1.0306	2.41303	3.34532	1.23232	1
cg21899596	HOPX;HOPX;HOPX;HOPX;HOPX;HOPX	0.114582	0.847834	0.951611	-1.05085	0.358732	0.783751	-1.27592	0.215999	1.3996	1.3996	0.847989	0.95166	-1.0508	0.836136	0.947929	-1.05493	0.00461835	2.6462	2.6462	0.662166	0.892691	-1.12021	0.823167	0.943848	-1.05949	0.261533	0.739109	-1.35298	2.413	2.54765	0.938493	1
cg07823562	CYTH1;CYTH1	0.114589	0.895855	1.03277	1.03277	0.0720026	0.609919	-1.63956	0.0880629	0.629126	-1.58951	0.0380946	0.553302	-1.80733	0.610125	0.881081	-1.13497	0.113167	1.52875	1.52875	0.542482	1.16391	1.16391	0.714527	1.09466	1.09466	0.109143	0.65044	-1.53742	2.41293	2.31633	0.853301	1
cg14452549	PINK1	0.114592	0.565681	0.917304	-1.09015	0.693463	0.942812	-1.06066	0.547073	0.9134	-1.09481	0.648083	0.933971	-1.0707	0.85709	0.97356	-1.02716	0.0368225	0.697333	-1.43403	0.0113138	1.60238	1.60238	0.216851	0.824351	-1.21308	0.905166	1.01787	1.01787	2.4129	0.844429	0.311079	1
cg26732340	ARID1B;ARID1B;ARID1B	0.114593	0.203993	0.789296	-1.26695	0.950211	1.01108	1.01108	0.397944	0.858338	-1.16504	0.952947	1.01047	1.01047	0.0656729	0.694489	-1.43991	0.0109654	0.569265	-1.75665	0.0403299	0.658332	-1.51899	0.73449	1.06193	1.06193	0.168975	0.772083	-1.2952	2.4129	1.19047	0.438557	1
cg02972492	STK25	0.114594	0.0663013	0.641531	-1.55877	0.18837	1.35038	1.35038	0.832875	1.04659	1.04659	0.883587	1.03208	1.03208	0.101625	1.47144	1.47144	0.80299	0.947552	-1.05535	0.0336033	1.70732	1.70732	0.217626	0.756141	-1.3225	0.311422	0.797958	-1.2532	2.41288	1.77499	0.653894	1
cg16643088	CSRNP1	0.114595	0.239368	0.474041	-2.10952	0.58808	1.39278	1.39278	0.558707	0.698884	-1.43085	0.81162	1.15564	1.15564	0.733253	0.812818	-1.23029	0.15369	2.52288	2.52288	0.226519	0.463332	-2.15828	0.00664413	8.44899	8.44899	0.829626	1.13946	1.13946	2.41288	14.0266	5.16729	1
cg14898306	TECR;MIR639;TECR	0.114597	0.490541	0.551154	-1.81438	0.45839	0.525949	-1.90132	0.813519	0.818244	-1.22213	0.917365	0.915689	-1.09207	?	?	?	0.0109649	0.0602066	-16.6095	0.0877856	5.07304	5.07304	?	?	?	0.600997	0.638639	-1.56583	2.60831	22.653	8.68492	1
cg06181531	NLRC5	0.114598	0.235088	0.546648	-1.82933	0.423838	1.48649	1.48649	0.652805	1.24579	1.24579	0.499233	1.39498	1.39498	0.425641	1.4841	1.4841	0.794154	1.1353	1.1353	0.0308726	3.42191	3.42191	0.0332105	0.298761	-3.34716	0.122661	2.25191	2.25191	2.41285	9.00028	3.31568	1
cg24947777	FOXH1	0.1146	0.0824457	5.49936	5.49936	0.0493851	7.29651	7.29651	0.0664884	6.19424	6.19424	0.102063	4.88276	4.88276	0.471692	1.91316	1.91316	0.721257	1.37364	1.37364	0.0687927	6.07885	6.07885	0.0782627	5.66042	5.66042	0.0224495	11.2814	11.2814	2.41283	30.0075	11.0548	1
cg05528280	DIP2C	0.114603	0.291513	0.702688	-1.42311	0.630196	1.16928	1.16928	0.0493417	0.485207	-2.06097	0.369008	0.742722	-1.3464	0.915957	0.966543	-1.03462	0.0143686	0.378007	-2.64545	0.185093	1.57314	1.57314	0.662146	1.15228	1.15228	0.402309	1.31827	1.31827	2.41281	3.97133	1.46306	1
cg09630142	C6orf27	0.114605	0.920298	0.960876	-1.04072	0.545916	1.27597	1.27597	0.709115	1.16117	1.16117	0.0628139	2.30421	2.30421	0.413611	0.716565	-1.39555	0.0988935	0.486018	-2.05754	0.0610649	0.430959	-2.3204	0.0540498	2.39164	2.39164	0.590981	1.24152	1.24152	2.41279	6.07641	2.23859	1
cg01725608	WNT16;WNT16	0.114606	0.586625	1.63346	1.63346	0.132949	4.25853	4.25853	0.0455263	7.76523	7.76523	0.493833	0.53739	-1.86085	0.507631	0.548396	-1.8235	0.43828	0.493306	-2.02714	0.869936	1.15773	1.15773	0.0101789	18.108	18.108	0.712074	1.39281	1.39281	2.41278	30.5257	11.246	1
cg07345510	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.114608	0.0643062	0.41134	-2.43108	0.576447	1.27273	1.27273	0.174024	0.539009	-1.85526	0.704479	0.849724	-1.17685	0.0353442	0.350895	-2.84986	0.132821	0.500046	-1.99982	0.0226336	0.311489	-3.21039	0.131709	0.498893	-2.00444	0.123409	0.490085	-2.04046	2.41276	6.97875	2.57106	1
cg22609034	PNPLA4;PNPLA4	0.114608	0.0431976	23.7388	23.7388	0.224075	5.69248	5.69248	0.152802	8.04496	8.04496	0.705567	1.67675	1.67675	0.275274	0.213193	-4.69057	0.529434	2.381	2.381	0.0125669	68.479	68.479	0.932059	1.12312	1.12312	0.113241	10.4543	10.4543	2.41276	70.8538	26.1034	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06135887	PDIA3	0.114609	0.770449	0.922141	-1.08443	0.292306	0.738832	-1.35349	0.0864968	0.591795	-1.68978	0.294303	0.739824	-1.35167	0.0780228	0.581306	-1.72027	0.190146	0.680857	-1.46874	0.0260497	2.07857	2.07857	0.516506	0.833412	-1.19989	0.185665	0.677876	-1.4752	2.41275	2.93279	1.08048	1
cg24827258	NDUFS6;MRPL36	0.114611	0.0403873	7.02435	7.02435	0.116123	4.07942	4.07942	0.0565065	5.916	5.916	0.291783	2.46111	2.46111	0.763081	0.779651	-1.28263	0.147377	3.59672	3.59672	0.331814	2.2804	2.2804	0.0129858	12.6562	12.6562	0.924843	1.08078	1.08078	2.41273	25.9035	9.54328	1
cg24526694	LSM2	0.114612	0.392795	0.895885	-1.11621	0.793855	0.967647	-1.03344	0.465579	0.910956	-1.09775	0.969589	0.995224	-1.0048	0.00559388	0.633228	-1.57921	0.457775	0.909409	-1.09961	0.432456	1.10584	1.10584	0.0798683	0.783423	-1.27645	0.0858614	0.787894	-1.26921	2.41272	0.602688	0.222041	1
cg04982874	TRIM58	0.114617	0.244627	0.790744	-1.26463	0.361036	1.19856	1.19856	0.486023	0.87237	-1.1463	0.175287	0.757269	-1.32053	0.410966	0.850293	-1.17607	0.228837	0.7838	-1.27584	0.0351046	1.60564	1.60564	0.405558	0.848621	-1.17838	0.0357951	0.624264	-1.60189	2.41268	1.42175	0.523808	1
cg01232668	RUFY1;RUFY1;RUFY1	0.114617	0.959726	1.00826	1.00826	0.0101918	1.69564	1.69564	0.308066	1.18764	1.18764	0.127867	1.30775	1.30775	0.224217	0.812121	-1.23134	0.431368	0.877307	-1.13985	0.170086	1.26893	1.26893	0.931137	0.986011	-1.01419	0.408363	0.871241	-1.14779	2.41267	1.01516	0.374012	1
cg07288541	PSD3;PSD3	0.114617	0.0604909	0.60515	-1.65248	0.981434	1.00554	1.00554	0.0455071	0.58029	-1.72328	0.269862	0.76137	-1.31342	0.142506	0.687932	-1.45363	0.593411	1.13641	1.13641	0.0881367	1.56288	1.56288	0.990107	0.997062	-1.00295	0.095535	0.647583	-1.5442	2.41267	2.15152	0.792676	1
cg17477442	SEZ6;SEZ6	0.114618	0.124606	0.403979	-2.47538	0.712825	0.817478	-1.22327	0.407835	1.58653	1.58653	0.394523	0.621628	-1.60868	0.112947	0.390424	-2.56132	0.629053	1.30389	1.30389	0.0111702	0.176641	-5.66119	0.179271	2.17646	2.17646	0.520497	0.701114	-1.4263	2.41267	11.3558	4.18378	1
cg16894074	C9orf171	0.114619	0.349681	0.738145	-1.35475	0.944435	0.978257	-1.02223	0.0353366	2.16609	2.16609	0.2645	0.692955	-1.4431	0.653169	0.867051	-1.15333	0.614902	0.852158	-1.17349	0.73665	0.899021	-1.11232	0.0123888	2.66931	2.66931	0.720073	1.12018	1.12018	2.41266	3.80073	1.40029	1
cg10620866	HLA-DOA	0.114622	0.750787	0.787659	-1.26958	0.520095	0.613597	-1.62973	0.159478	0.324267	-3.08387	0.113545	0.275301	-3.63239	0.026443	0.139258	-7.1809	0.142765	0.307272	-3.25445	0.0227995	0.129882	-7.69929	0.0353822	0.159572	-6.26676	0.992341	1.00722	1.00722	2.41262	21.4422	7.89999	1
cg26986236	GPI	0.114623	0.0504219	0.505764	-1.97721	0.0772901	0.548578	-1.8229	0.636042	0.864386	-1.15689	0.908307	0.96539	-1.03585	0.143904	0.618785	-1.61607	0.208021	0.666431	-1.50053	0.0150052	0.400889	-2.49445	0.0333856	0.467654	-2.13833	0.273293	0.705718	-1.417	2.41261	3.57108	1.31571	1
cg12104547	JARID2	0.114624	0.255406	0.476372	-2.0992	0.00396189	0.0889201	-11.246	0.115189	0.343109	-2.91452	0.378622	0.568842	-1.75796	0.558725	0.691208	-1.44674	0.427756	0.603099	-1.6581	0.0826452	0.301052	-3.32168	0.804731	1.16732	1.16732	0.28053	0.496307	-2.01488	2.41261	14.9044	5.4913	1
cg03443887	FOXRED1;SRPR	0.114626	0.142203	0.730836	-1.3683	0.0297363	1.66268	1.66268	0.0163317	1.79226	1.79226	0.4377	0.854421	-1.17038	0.851784	0.96351	-1.03787	0.634203	1.09995	1.09995	0.588518	0.897135	-1.11466	0.99479	1.0013	1.0013	0.895749	1.0264	1.0264	2.41259	1.50917	0.556035	1
cg06496041	ERG;ERG;ERG;ERG	0.114626	0.0403914	0.618471	-1.61689	0.916663	1.02147	1.02147	0.255844	0.786053	-1.27218	0.0577477	0.646974	-1.54566	0.231604	0.775197	-1.29	0.973004	1.00689	1.00689	0.0325692	1.66145	1.66145	0.726126	0.931115	-1.07398	0.609226	0.900654	-1.1103	2.41259	1.57383	0.57986	1
cg04173474	SIPA1L1	0.114626	0.235524	0.734192	-1.36204	0.0966411	0.635522	-1.57351	0.118122	1.52457	1.52457	0.135381	0.670307	-1.49185	0.683644	0.903186	-1.10719	0.859378	0.956882	-1.04506	0.0212382	1.99036	1.99036	0.838449	0.950528	-1.05205	0.720824	1.09328	1.09328	2.41259	2.36031	0.869627	1
cg08008105	GPR45	0.114628	0.152576	0.476104	-2.10038	0.108033	0.427712	-2.33802	0.377892	0.645184	-1.54994	0.649179	0.801055	-1.24835	0.032916	0.298666	-3.34822	0.309209	0.600663	-1.66483	0.0112885	0.215027	-4.65058	0.0463456	0.331083	-3.02039	0.208221	0.525898	-1.90151	2.41257	8.96396	3.30268	1
cg25136709	FAM115A	0.11463	0.061229	0.703385	-1.4217	0.0678119	0.710881	-1.4067	0.688387	0.93496	-1.06956	0.142852	1.30045	1.30045	0.592804	1.09423	1.09423	0.697732	1.06727	1.06727	0.0491591	0.687562	-1.45441	0.186188	1.26339	1.26339	0.847107	1.03273	1.03273	2.41255	1.06329	0.391762	1
cg17944189	FAM131C	0.114631	0.698073	1.12667	1.12667	0.0548763	1.97182	1.97182	0.856086	1.05708	1.05708	0.183144	1.5462	1.5462	0.0772954	0.543089	-1.84132	0.4582	1.2606	1.2606	0.0293889	0.447067	-2.2368	0.530966	0.823314	-1.2146	0.998326	1.00064	1.00064	2.5564	3.70478	1.12717	1
cg27262041	NAV2	0.114633	0.0233683	0.29269	-3.41659	0.223871	0.560186	-1.78512	0.191502	0.534135	-1.87219	0.132479	0.478927	-2.088	0.0776321	0.410887	-2.43376	0.882647	0.935208	-1.06928	0.0374714	0.334589	-2.98874	0.885245	0.936608	-1.06768	0.0324987	0.321406	-3.11133	2.41252	7.85805	2.89528	1
cg06372151	ARF3	0.114634	0.167665	0.292912	-3.41399	0.397153	2.06246	2.06246	0.0630385	5.7312	5.7312	0.693988	0.718809	-1.39119	0.133076	0.258457	-3.86912	0.641829	0.676302	-1.47863	0.0415202	0.140508	-7.11705	0.467576	1.85365	1.85365	0.109186	0.232602	-4.29919	2.41251	26.6361	9.81405	1
cg19245011	BRDT	0.114637	0.0531526	0.319807	-3.12688	0.457965	0.67559	-1.48019	0.288794	0.564748	-1.7707	0.951398	0.968867	-1.03213	0.0348302	0.279066	-3.58339	0.950188	1.03295	1.03295	0.0103464	0.187127	-5.34395	0.779543	1.15674	1.15674	0.236096	0.525075	-1.90449	2.41248	10.2872	3.79036	1
cg20997661	PKNOX2	0.114637	0.158908	0.77103	-1.29697	0.965508	0.99256	-1.0075	0.124331	0.750231	-1.33292	0.202669	0.792734	-1.26146	0.00795975	0.555696	-1.79955	0.950051	1.01088	1.01088	0.888653	1.02449	1.02449	0.591132	1.09818	1.09818	0.0612528	0.694749	-1.43937	2.41248	1.13949	0.419851	1
cg27662530	MARS2	0.11464	0.700937	1.06682	1.06682	0.232933	1.23323	1.23323	0.134519	1.31056	1.31056	0.150261	0.772231	-1.29495	0.57933	0.910413	-1.0984	0.558036	1.10439	1.10439	0.0239844	0.636764	-1.57044	0.67259	1.07384	1.07384	0.0834166	1.37877	1.37877	2.41246	1.07337	0.395491	1
cg00122851	GNPTG	0.114643	0.557056	1.21267	1.21267	0.0103399	2.85434	2.85434	0.0477142	2.08573	2.08573	0.932865	1.02773	1.02773	0.708484	0.885195	-1.12969	0.72744	1.12031	1.12031	0.109401	0.567375	-1.7625	0.495574	1.25191	1.25191	0.474612	1.26628	1.26628	2.41243	4.02778	1.48408	1
cg01035528	OGFOD2;ABCB9	0.114643	0.625872	1.11383	1.11383	0.111401	1.46297	1.46297	0.837386	1.04612	1.04612	0.590659	0.887682	-1.12653	0.482965	1.16934	1.16934	0.0494429	0.611444	-1.63547	0.24528	0.765935	-1.30559	0.170067	1.37799	1.37799	0.0336857	1.72334	1.72334	2.41243	1.83941	0.677752	1
cg14219938	C9orf103	0.114647	0.877555	1.0422	1.0422	0.0140404	0.443551	-2.25453	0.0656345	0.574746	-1.7399	0.300922	1.33287	1.33287	0.956035	0.98533	-1.01489	0.57461	1.16419	1.16419	0.609632	1.14803	1.14803	0.568553	1.16706	1.16706	0.0796448	0.593646	-1.68451	2.41239	2.74562	1.01167	1
cg09677330	KLF12	0.114647	0.131601	0.376019	-2.65944	0.179349	2.35632	2.35632	0.466569	1.56084	1.56084	0.206729	2.22605	2.22605	0.043192	0.247157	-4.04601	0.642637	0.755175	-1.3242	0.117566	0.360075	-2.7772	0.148744	2.53617	2.53617	0.437231	0.621118	-1.61	2.41239	13.7971	5.08381	1
cg09438075	ENOX1	0.114654	0.988996	0.996222	-1.00379	0.0521271	0.545313	-1.83381	0.114167	1.6027	1.6027	0.0355197	1.95778	1.95778	0.368543	0.776071	-1.28854	0.832138	0.943403	-1.05999	0.702002	1.11129	1.11129	0.249927	0.7189	-1.39101	0.168021	1.49674	1.49674	2.41233	2.87856	1.06068	1
cg07776993	ADCK5	0.114655	0.246283	3.18881	3.18881	0.366947	2.42644	2.42644	0.700068	0.690588	-1.44804	0.422319	2.19	2.19	0.0153008	0.0579765	-17.2484	0.240691	0.30889	-3.23739	0.0524984	0.121399	-8.23729	0.823751	1.23781	1.23781	0.526693	1.84686	1.84686	2.41232	34.9473	12.8773	1
cg04906283	ISM2;ISM2	0.114659	0.0490036	3.37451	3.37451	0.057869	3.19109	3.19109	0.223799	1.9969	1.9969	0.170979	2.2009	2.2009	0.0599625	3.15317	3.15317	0.173544	2.18927	2.18927	0.0423619	3.54377	3.54377	0.0250328	4.23216	4.23216	0.169259	2.20882	2.20882	2.41228	11.1878	4.12252	1
cg11696200	STARD13;STARD13	0.114661	0.20822	0.630786	-1.58532	0.847887	1.06896	1.06896	0.973499	1.0116	1.0116	0.315466	0.697354	-1.43399	0.105103	0.540635	-1.84968	0.0777552	1.97543	1.97543	0.351779	1.39486	1.39486	0.043428	2.24028	2.24028	0.16534	0.598152	-1.67181	2.41226	4.60785	1.69794	1
cg11604216	DERL1;DERL1	0.114668	0.863789	0.974095	-1.02659	0.609388	0.92425	-1.08196	0.608382	0.924042	-1.0822	0.0346531	0.686276	-1.45714	0.0101863	0.609399	-1.64096	0.117148	0.77092	-1.29715	0.381858	0.871888	-1.14694	0.261702	0.836183	-1.19591	0.0403059	0.696206	-1.43636	2.4122	0.892666	0.328945	1
cg16499634	ADAMTS15	0.114671	0.314317	0.850034	-1.17642	0.0576956	1.39809	1.39809	0.187318	1.24385	1.24385	0.139398	1.28194	1.28194	0.23932	1.21216	1.21216	0.954001	0.991033	-1.00905	0.79541	0.960238	-1.04141	0.0302042	0.6717	-1.48876	0.412187	1.13988	1.13988	2.41217	0.931446	0.343239	1
cg16586200	TTC7B	0.114672	0.696515	0.804482	-1.24304	0.158242	2.31004	2.31004	0.027861	4.23161	4.23161	0.640093	1.29872	1.29872	0.0700589	0.324923	-3.07765	0.425731	0.636699	-1.5706	0.153672	0.428332	-2.33464	0.279263	1.86708	1.86708	0.451447	0.653222	-1.53087	2.41216	11.7697	4.33716	1
cg14115346	BPHL;BPHL;BPHL;BPHL	0.114673	0.0665369	0.378069	-2.64502	0.486378	0.715794	-1.39705	0.382798	0.655002	-1.52671	0.889767	0.936543	-1.06776	0.0483326	0.34418	-2.90545	0.19694	0.524711	-1.90581	0.012308	0.229071	-4.36546	0.0397498	0.32498	-3.07711	0.212575	0.537586	-1.86017	2.41215	8.53822	3.14637	1
cg25026981	WDR25;WARS;WARS;WARS;WARS;WDR25	0.114674	0.896491	0.98615	-1.01404	0.567284	0.939924	-1.06392	0.0265248	1.32549	1.32549	0.556474	0.938256	-1.06581	0.0344786	0.767793	-1.30243	0.135913	0.841824	-1.1879	0.771941	1.03163	1.03163	0.240479	0.876623	-1.14074	0.358225	1.10653	1.10653	2.41213	0.438608	0.16163	1
cg05851395	DNAH10	0.114679	0.998777	1.00083	1.00083	0.115788	0.397046	-2.5186	0.150817	0.435188	-2.29786	0.78263	1.16118	1.16118	0.00376351	0.120869	-8.27343	0.302803	0.561713	-1.78027	0.918853	0.946425	-1.05661	0.28289	0.547216	-1.82743	0.312863	0.568887	-1.75782	2.41209	11.154	4.1104	1
cg02662003	CDH18;CDH18	0.114679	0.56876	1.07952	1.07952	0.0174279	0.680773	-1.46892	0.437851	1.11085	1.11085	0.0817925	1.29202	1.29202	0.0669662	0.761253	-1.31362	0.438872	1.11058	1.11058	0.777636	1.03833	1.03833	0.582307	0.928863	-1.07658	0.745979	1.04413	1.04413	2.41209	0.674168	0.24844	1
cg16284459	MTERF	0.11468	?	?	?	0.0561716	0.307535	-3.25166	0.0505022	0.295774	-3.38096	?	?	?	0.129513	0.415985	-2.40393	0.55622	0.732658	-1.36489	?	?	?	?	?	?	?	?	?	2.94692	5.35268	2.72455	1
cg14033039	SMOC2;SMOC2	0.114682	0.116206	0.548228	-1.82406	0.922485	1.03486	1.03486	0.145702	0.576962	-1.73322	0.669525	0.859709	-1.16318	0.0192684	0.36909	-2.70937	0.713555	1.13861	1.13861	0.0547389	2.15357	2.15357	0.860714	1.06379	1.06379	0.301304	0.685873	-1.458	2.41207	4.73553	1.74513	1
cg01792532	YARS;S100PBP;S100PBP	0.114683	0.305202	0.663497	-1.50717	0.0821809	2.1044	2.1044	0.312483	1.49733	1.49733	0.182955	1.72633	1.72633	0.293521	0.656386	-1.52349	0.896903	0.951145	-1.05136	0.0162982	0.321464	-3.11077	0.403483	0.718701	-1.3914	0.769494	0.892674	-1.12023	2.41206	5.70294	2.10164	1
cg15292768	TNFAIP8	0.114683	0.455074	1.12115	1.12115	0.0816943	0.748277	-1.3364	0.857319	0.973314	-1.02742	0.40641	1.13616	1.13616	0.0589348	1.37792	1.37792	0.0238052	0.66668	-1.49997	0.32453	0.858204	-1.16522	0.611106	1.08012	1.08012	0.627628	1.07623	1.07623	2.41205	0.862949	0.318013	1
cg03548170	NEGR1	0.114684	0.544827	0.754923	-1.32464	0.0861493	0.419029	-2.38647	0.0905831	0.425128	-2.35223	0.678858	1.21044	1.21044	0.0178784	0.267026	-3.74496	0.784416	1.13405	1.13405	0.105267	0.444006	-2.25222	0.179808	1.92229	1.92229	0.593075	0.780795	-1.28075	2.41205	8.03901	2.96254	1
cg09061317	GMEB1;GMEB1	0.114685	0.47992	0.868955	-1.15081	0.0729664	1.47874	1.47874	0.529159	1.13281	1.13281	0.120222	1.39053	1.39053	0.0134299	1.81983	1.81983	0.83888	1.04062	1.04062	0.515683	0.879046	-1.1376	0.362065	1.20111	1.20111	0.0560426	1.52701	1.52701	2.41203	1.46151	0.538598	1
cg17261508	GPX3	0.114686	0.557445	1.13501	1.13501	0.627359	0.900843	-1.11007	0.920362	0.97888	-1.02158	0.823116	0.953333	-1.04895	0.24439	0.771086	-1.29687	0.960309	0.989433	-1.01068	0.00302752	2.38069	2.38069	0.607932	1.11679	1.11679	0.8588	1.03874	1.03874	2.41203	1.74063	0.641464	1
cg26021246	ST14	0.114687	0.0690083	6.43008	6.43008	0.0398699	8.78271	8.78271	0.757007	1.32825	1.32825	0.226526	3.19425	3.19425	0.231827	3.14851	3.14851	0.278303	0.356632	-2.80401	0.773457	0.767996	-1.30209	0.158836	3.96454	3.96454	0.023978	11.741	11.741	2.41202	31.9548	11.7761	1
cg02637530	ERC1;ERC1;ERC1;ERC1;ERC1	0.114693	0.518681	1.14625	1.14625	0.730477	1.07481	1.07481	0.654184	0.910219	-1.09864	0.0246074	1.74798	1.74798	0.0669698	0.651547	-1.53481	0.831801	0.956597	-1.04537	0.141004	1.3914	1.3914	0.874989	1.03339	1.03339	0.0832265	0.670255	-1.49197	2.41196	1.66269	0.612758	1
cg20813387	EHMT1	0.114694	0.735651	1.05526	1.05526	0.795159	1.04216	1.04216	0.110663	0.758896	-1.3177	0.642645	0.928518	-1.07698	0.180083	1.25351	1.25351	0.451556	1.12946	1.12946	0.0194532	1.56575	1.56575	0.0618029	0.716162	-1.39633	0.971101	0.994267	-1.00577	2.41196	0.962321	0.354649	1
cg11190354	SMYD3;SMYD3	0.114694	0.399053	0.648973	-1.5409	0.838154	1.10785	1.10785	0.738986	1.1823	1.1823	0.215583	0.520624	-1.92077	0.124324	0.43458	-2.30107	0.122259	0.432257	-2.31344	0.00601827	0.165746	-6.03333	0.931171	0.957661	-1.04421	0.0934875	0.396987	-2.51898	2.41196	9.58036	3.53069	1
cg03652810	TRIML2	0.114695	0.59441	0.84914	-1.17766	0.237264	1.45755	1.45755	0.481611	1.24315	1.24315	0.670046	0.877726	-1.13931	0.0110722	0.379304	-2.63641	0.387445	1.30939	1.30939	0.149101	1.60124	1.60124	0.378224	0.759493	-1.31667	0.190094	0.655555	-1.52542	2.41194	3.53699	1.30351	1
cg17014785	ANKRD45	0.114695	0.14024	0.551321	-1.81383	0.686368	0.858707	-1.16454	0.0214878	2.81927	2.81927	0.321181	0.680714	-1.46904	0.1777	0.5842	-1.71174	0.59458	1.22333	1.22333	0.982913	1.00807	1.00807	0.630713	1.19933	1.19933	0.0523783	0.43697	-2.28848	2.41194	5.37913	1.98241	1
cg06070970	GLI4	0.114696	0.100753	0.455195	-2.19686	0.253744	0.593436	-1.6851	0.135287	0.49418	-2.02355	0.333554	0.646175	-1.54757	0.700425	0.844289	-1.18443	0.115239	0.472478	-2.1165	0.022207	0.301132	-3.3208	0.010114	0.241563	-4.1397	0.444219	0.710706	-1.40705	2.41193	7.32233	2.69856	1
cg14369318	PCDH7	0.114704	0.274616	0.641645	-1.55849	0.585751	1.23964	1.23964	0.0171904	0.321963	-3.10595	0.201382	0.590562	-1.6933	0.615128	0.820464	-1.21882	0.176331	1.75266	1.75266	0.495334	1.31031	1.31031	0.190089	1.71895	1.71895	0.147532	0.545196	-1.8342	2.41185	5.82055	2.14516	1
cg15072306	LOC100128977;IMP5	0.114709	0.219873	0.709421	-1.4096	0.751377	0.918893	-1.08827	0.261476	0.732253	-1.36565	0.631981	1.13702	1.13702	0.00475212	0.368696	-2.71226	0.6638	0.89013	-1.12343	0.339549	1.29947	1.29947	0.267607	0.735413	-1.35978	0.176114	0.681976	-1.46633	2.41181	2.70513	0.996993	1
cg06011334	KHDC1	0.114709	0.964745	0.995898	-1.00412	0.0501507	1.23081	1.23081	0.233112	1.12329	1.12329	0.641469	0.957328	-1.04457	0.564973	1.05559	1.05559	0.0715642	0.829353	-1.20576	0.0582487	0.81953	-1.22021	0.717078	0.966725	-1.03442	0.118452	0.854174	-1.17072	2.41181	0.330318	0.121741	1
cg13644715	PTGIR	0.114711	0.467668	0.78124	-1.28002	0.405064	1.32921	1.32921	0.454008	1.29019	1.29019	0.586668	0.832447	-1.20128	0.00298475	0.256449	-3.89941	0.747031	1.11418	1.11418	0.975194	1.01044	1.01044	0.496947	0.794217	-1.2591	0.844201	0.936384	-1.06794	2.41179	4.26271	1.57106	1
cg19004134	VTA1	0.114715	0.0228026	0.253267	-3.94841	0.473767	1.44372	1.44372	0.670783	1.2405	1.2405	0.0637928	0.349854	-2.85833	0.040945	0.304503	-3.28403	0.0636509	0.34961	-2.86033	0.974612	0.984088	-1.01617	0.458898	0.683777	-1.46247	0.73327	0.841636	-1.18816	2.41176	9.70373	3.57645	1
cg13471932	RALGDS;RALGDS	0.114717	0.393682	1.57042	1.57042	0.00848535	5.67274	5.67274	0.0316367	3.67516	3.67516	0.154328	2.19825	2.19825	0.543915	1.37345	1.37345	0.197082	2.02272	2.02272	0.0597736	2.99606	2.99606	0.931818	1.0452	1.0452	0.412987	1.54089	1.54089	2.41174	10.1929	3.75678	1
cg04666465	GGA2	0.114718	0.318882	0.622493	-1.60644	0.0848815	0.41612	-2.40315	0.261967	1.713	1.713	0.434534	0.692876	-1.44326	0.0867576	0.418753	-2.38804	0.98193	1.01048	1.01048	0.00902623	0.217106	-4.60604	0.183426	0.522321	-1.91453	0.647786	0.809247	-1.23572	2.41173	8.08773	2.98089	1
cg26114452	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGA7;PCDHGB2	0.114719	0.196472	0.532282	-1.8787	0.484684	1.388	1.388	0.179903	1.93015	1.93015	0.910284	1.05342	1.05342	0.0351877	0.322145	-3.10419	0.860238	1.08477	1.08477	0.0549902	0.366161	-2.73104	0.153463	2.02524	2.02524	0.35962	1.54478	1.54478	2.41172	8.14266	3.00114	1
cg16171484	SGPP2	0.11472	0.343855	2.18325	2.18325	0.00685902	16.5039	16.5039	0.0162031	10.5383	10.5383	0.444179	1.86759	1.86759	0.57824	1.56788	1.56788	0.315758	2.29471	2.29471	0.297485	2.37473	2.37473	0.17266	3.19693	3.19693	0.754513	1.28555	1.28555	2.41171	24.4923	9.02719	1
cg12769705	CPXM2	0.114721	0.221622	2.19335	2.19335	0.0271956	4.94432	4.94432	0.675584	0.773118	-1.29346	0.166992	0.406273	-2.4614	0.0324959	0.216481	-4.61934	0.420232	1.65444	1.65444	0.616944	0.734683	-1.36113	0.927919	0.946184	-1.05688	0.576058	1.41252	1.41252	2.4117	14.2772	5.26221	1
cg16953067	RAD18	0.114721	0.497543	0.801519	-1.24763	0.303727	1.40804	1.40804	0.24801	1.47398	1.47398	0.308328	0.712672	-1.40317	0.0149699	0.382503	-2.61436	0.251556	0.680576	-1.46934	0.501963	1.24472	1.24472	0.332586	1.37864	1.37864	0.153475	1.63393	1.63393	2.4117	3.94186	1.45287	1
cg13294856	DDX52;DDX52	0.114721	0.890536	0.973154	-1.02759	0.669708	1.08849	1.08849	0.0608347	1.51834	1.51834	0.301306	1.23571	1.23571	0.132306	1.37848	1.37848	0.100809	0.70105	-1.42643	0.0494999	0.642152	-1.55726	0.182643	1.32245	1.32245	0.832104	1.04285	1.04285	2.41169	1.49171	0.549806	1
cg05148592	RGNEF	0.114722	0.504434	0.889576	-1.12413	0.889747	0.976326	-1.02425	0.12685	0.751838	-1.33007	0.632044	1.08691	1.08691	0.240572	1.23644	1.23644	0.110305	1.35069	1.35069	0.00960556	1.76177	1.76177	0.657541	0.925826	-1.08012	0.746146	0.945436	-1.05771	2.41169	1.13972	0.420071	1
cg20606062	TRIM4;TRIM4	0.114724	0.271142	0.414879	-2.41034	0.0475415	0.175451	-5.6996	0.887292	0.896818	-1.11505	0.675987	0.724135	-1.38096	0.619868	0.681137	-1.46813	0.273427	0.416759	-2.39947	0.0267222	7.50744	7.50744	0.0907951	0.239129	-4.18185	0.185922	0.34062	-2.93582	2.41167	22.5241	8.30187	1
cg04794832	RHBDL3	0.114725	0.0192401	0.32582	-3.06918	0.407718	0.715082	-1.39844	0.246576	1.61579	1.61579	0.0472796	0.407043	-2.45674	0.851157	1.07722	1.07722	0.613558	0.817378	-1.22342	0.133355	1.89874	1.89874	0.488326	1.32153	1.32153	0.753474	0.882706	-1.13288	2.41167	5.98961	2.20764	1
cg05323324	GP5	0.114726	0.0562152	0.518436	-1.92888	0.545645	0.830433	-1.20419	0.143368	0.620174	-1.61245	0.0272101	0.451982	-2.21248	0.823235	1.07034	1.07034	0.554881	0.834057	-1.19896	0.49819	1.23234	1.23234	0.267039	1.42092	1.42092	0.0478437	0.502901	-1.98846	2.41165	3.52555	1.29945	1
cg21549415	P4HB	0.114727	0.338155	1.20536	1.20536	0.0174118	1.72924	1.72924	0.0271344	1.64014	1.64014	0.273301	1.24069	1.24069	0.362767	0.837823	-1.19357	0.248981	1.25602	1.25602	0.176143	1.31267	1.31267	0.802552	0.95371	-1.04854	0.53988	0.88923	-1.12457	2.41164	1.36683	0.503788	1
cg06704631	ZFYVE28	0.114731	0.584473	1.25839	1.25839	0.0770861	0.441279	-2.26614	0.237696	0.597635	-1.67326	0.91293	1.04657	1.04657	0.0547158	0.403777	-2.47661	0.209823	1.73333	1.73333	0.117233	2.03025	2.03025	0.332812	1.51555	1.51555	0.138523	0.514952	-1.94193	2.4116	6.61543	2.43837	1
cg21330802	SDK1;SDK1	0.114732	0.330689	0.758895	-1.3177	0.842898	0.946918	-1.05606	0.11236	1.60823	1.60823	0.602441	0.865494	-1.15541	0.00621355	0.375095	-2.66599	0.159358	0.661417	-1.5119	0.625836	0.873654	-1.14462	0.250193	0.718713	-1.39138	0.525297	0.83784	-1.19354	2.4116	2.88574	1.06365	1
cg16099871	DLC1;DLC1	0.114732	0.109164	0.648849	-1.54119	0.365083	1.25915	1.25915	0.405842	0.810117	-1.23439	0.553041	0.86192	-1.1602	0.178631	0.701995	-1.42451	0.123107	0.661256	-1.51227	0.00973807	0.445044	-2.24697	0.354568	1.26596	1.26596	0.846969	1.049	1.049	2.41159	2.34182	0.86317	1
cg15118745	SLFN5	0.114734	0.920839	1.01091	1.01091	0.783454	0.970364	-1.03054	0.636471	0.949337	-1.05337	0.445671	1.08861	1.08861	0.135944	0.839062	-1.19181	0.453927	1.08688	1.08688	0.159783	0.848708	-1.17826	0.0764597	0.806364	-1.24013	0.00846698	0.692757	-1.44351	2.41158	0.455489	0.16789	1
cg26921566	REEP6	0.114739	0.251102	0.527346	-1.89629	0.569075	0.735571	-1.35949	0.619423	0.76553	-1.30628	0.623986	0.768238	-1.30168	0.0221575	0.231395	-4.32162	0.119666	0.406146	-2.46217	0.0139561	0.197828	-5.0549	0.0431442	0.288926	-3.46109	0.198079	0.483884	-2.06661	2.41153	10.8763	4.00901	1
cg20254725	ZNF222;ZNF222	0.114739	0.204655	0.833673	-1.19951	0.337318	0.874199	-1.1439	0.290865	1.16065	1.16065	0.153049	1.23118	1.23118	0.0416609	0.726743	-1.376	0.77925	1.03893	1.03893	0.0903739	1.28869	1.28869	0.986875	1.00224	1.00224	0.103998	1.27329	1.27329	2.41153	0.705555	0.260068	1
cg16910830	CNTNAP2	0.114742	0.112226	1.308	1.308	0.0104872	1.64893	1.64893	0.820607	0.965349	-1.03589	0.62841	0.927076	-1.07866	0.748513	1.05121	1.05121	0.468593	1.12131	1.12131	0.714444	0.94454	-1.05872	0.974828	1.00491	1.00491	0.0247426	1.51449	1.51449	2.4115	0.920709	0.339378	1
cg25842602	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.114743	0.0612621	0.748717	-1.33562	0.0292885	0.70302	-1.42244	0.278041	1.16741	1.16741	0.865298	0.976971	-1.02357	0.343032	0.874546	-1.14345	0.734611	0.954381	-1.0478	0.522284	0.914854	-1.09307	0.0501705	1.35856	1.35856	0.770603	1.04094	1.04094	2.4115	0.719223	0.265109	1
cg15608402	OSBPL5;OSBPL5;OSBPL5	0.114744	0.0572193	0.621578	-1.60881	0.329369	1.24919	1.24919	0.0957305	1.49847	1.49847	0.884391	0.968353	-1.03268	0.714511	1.08459	1.08459	0.33107	0.801187	-1.24815	0.0226994	1.82733	1.82733	0.383268	1.21849	1.21849	0.522795	0.866622	-1.15391	2.41148	1.8658	0.687748	1
cg13993853	IL17D	0.114745	0.235358	1.15594	1.15594	0.10859	1.22623	1.22623	0.164919	1.18842	1.18842	0.754845	0.964159	-1.03717	0.086286	1.24711	1.24711	0.19287	1.17419	1.17419	0.0233806	0.729312	-1.37115	0.792166	1.03125	1.03125	0.860769	1.02067	1.02067	2.41148	0.518563	0.191146	1
cg01184784	ID2	0.114749	0.0738332	0.223969	-4.46491	0.85083	1.15185	1.15185	0.620194	1.45517	1.45517	0.324227	0.465577	-2.14787	0.120809	0.282712	-3.53717	0.40972	0.530956	-1.88339	0.0126465	0.0975256	-10.2537	0.0730304	0.222824	-4.48784	0.0804887	0.233224	-4.28772	2.41143	21.5343	7.93784	1
cg16852490	USP40	0.114751	0.169896	0.636824	-1.57029	0.629646	0.860723	-1.16181	0.996377	1.0014	1.0014	0.298659	0.717117	-1.39447	0.00509049	0.318921	-3.13557	0.711447	0.891644	-1.12152	0.476142	1.25062	1.25062	0.0630139	0.524384	-1.907	0.312581	0.724391	-1.38047	2.41142	3.63877	1.34131	1
cg03943773	PITX2;PITX2	0.114753	0.576905	0.85634	-1.16776	0.890849	0.962924	-1.0385	0.0783727	1.71263	1.71263	0.917462	0.97188	-1.02893	0.814985	1.06662	1.06662	0.0444841	0.529952	-1.88696	0.394581	0.786682	-1.27116	0.0195059	2.17455	2.17455	0.668113	1.12601	1.12601	2.4114	2.89155	1.06588	1
cg14568936	GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.114755	0.862685	1.07647	1.07647	0.618452	1.23828	1.23828	0.24968	1.66878	1.66878	0.0280975	0.331526	-3.01636	0.794168	0.894673	-1.11773	0.612729	1.24269	1.24269	0.0161007	0.285483	-3.50283	0.264876	0.609802	-1.63988	0.531299	1.30987	1.30987	2.41139	6.91974	2.55077	1
cg27350042	ELF2	0.114755	0.040189	0.448104	-2.23163	0.188603	0.623964	-1.60266	0.0577791	0.483653	-2.0676	0.697724	1.14129	1.14129	0.0514849	2.11837	2.11837	0.332935	1.4024	1.4024	0.764925	1.10687	1.10687	0.711878	1.13384	1.13384	0.891911	1.04711	1.04711	2.41138	4.37864	1.61407	1
cg15231809	ANKRD30B	0.114757	0.909182	1.03351	1.03351	0.463495	0.806107	-1.24053	0.522197	1.20606	1.20606	0.277018	0.721395	-1.3862	0.123706	1.61865	1.61865	0.358725	1.31337	1.31337	0.0083067	2.65002	2.65002	0.630852	1.1501	1.1501	0.215098	0.68597	-1.45779	2.41137	3.18639	1.17458	1
cg12982374	FGFR4;FGFR4;FGFR4	0.114757	0.172285	0.474113	-2.1092	0.0885466	0.380902	-2.62535	0.115075	0.414703	-2.41137	0.0606175	0.337318	-2.96456	0.021036	0.240318	-4.16115	0.0455782	0.307982	-3.24694	0.0453832	0.307561	-3.25138	0.435932	0.664769	-1.50428	0.184642	0.485382	-2.06023	2.41136	10.0785	3.71519	1
cg07015533	RYR1;RYR1	0.114757	0.906197	0.983887	-1.01638	0.051835	1.3565	1.3565	0.00841738	0.628936	-1.58999	0.408265	1.12362	1.12362	0.986783	0.99772	-1.00229	0.838275	0.972232	-1.02856	0.602384	0.930131	-1.07512	0.270367	0.853726	-1.17134	0.877925	1.02141	1.02141	2.41136	0.725182	0.267321	1
cg06330558	SCUBE2;SCUBE2	0.114758	0.526115	0.733581	-1.36318	0.0331336	3.32454	3.32454	0.0607581	2.77205	2.77205	0.527797	0.73453	-1.36142	0.0401023	0.318527	-3.13946	0.639256	0.796363	-1.25571	0.941991	0.965509	-1.03572	0.638161	0.795761	-1.25666	0.375422	0.644844	-1.55076	2.41136	8.8837	3.27477	1
cg24908198	TP53AIP1	0.11476	0.208779	0.373204	-2.6795	0.495273	0.597446	-1.67379	0.263051	0.419807	-2.38205	0.940579	0.946054	-1.05702	0.0187312	0.120136	-8.32391	0.510481	0.60863	-1.64303	0.047781	0.185715	-5.3846	0.0298132	0.149296	-6.6981	0.368582	1.98766	1.98766	2.41133	21.1317	7.78979	1
cg21005756	JMJD7;JMJD7-PLA2G4B;JMJD7-PLA2G4B;JMJD7;JMJD7-PLA2G4B	0.114761	0.0345111	0.18109	-5.52211	0.153203	2.84509	2.84509	0.0457361	4.86952	4.86952	0.531642	0.650895	-1.53635	0.737018	1.25621	1.25621	0.277974	0.464084	-2.15478	0.613248	1.41226	1.41226	0.138007	2.98247	2.98247	0.45809	1.66945	1.66945	2.55503	18.1247	5.51733	1
cg10508017	BAIAP2L1	0.114761	0.287683	1.32748	1.32748	0.79882	1.06774	1.06774	0.156305	0.677629	-1.47573	0.775404	0.929222	-1.07617	0.00500365	0.38554	-2.59376	0.803801	1.06596	1.06596	0.30715	1.31166	1.31166	0.811129	1.06336	1.06336	0.933974	1.02149	1.02149	2.41132	2.51491	0.927076	1
cg17319734	CERK	0.114763	0.297506	1.29651	1.29651	0.0610883	0.602013	-1.66109	0.329489	1.27375	1.27375	0.0566799	1.67979	1.67979	0.0480959	0.580892	-1.72149	0.291852	0.76877	-1.30078	0.657184	0.898171	-1.11337	0.742571	1.08247	1.08247	0.40752	0.8157	-1.22594	2.4113	2.20776	0.813854	1
cg14378848	ELOVL5	0.11477	0.839226	1.04197	1.04197	0.530121	0.879219	-1.13737	0.0179439	1.78977	1.78977	0.675102	0.918219	-1.08907	0.524778	1.13933	1.13933	0.636286	1.10121	1.10121	0.0500456	0.636199	-1.57183	0.908861	1.02345	1.02345	0.0774173	0.672134	-1.4878	2.41124	1.5643	0.576668	1
cg11025469	PTPRN2;PTPRN2;PTPRN2	0.11477	0.932257	0.986263	-1.01393	0.855774	1.03004	1.03004	0.259773	1.21077	1.21077	0.12576	0.763729	-1.30936	0.916557	0.983094	-1.0172	0.243531	1.2196	1.2196	0.0102059	1.69374	1.69374	0.510092	0.896996	-1.11483	0.188025	0.796955	-1.25478	2.41124	1.0108	0.372627	1
cg13240116	HOXA3;HOXA3;HOXA3	0.114771	0.0327283	7.36687	7.36687	0.267278	2.51865	2.51865	0.604306	1.5187	1.5187	0.0857089	4.56352	4.56352	0.0338262	7.24681	7.24681	0.592199	1.5406	1.5406	0.420235	1.93129	1.93129	0.0230633	8.77631	8.77631	0.0603429	5.43622	5.43622	2.41123	24.3966	8.99368	1
cg02215960	HEMK1	0.114773	0.975218	0.992831	-1.00722	0.738176	1.0808	1.0808	0.135458	1.45163	1.45163	0.861806	1.04118	1.04118	0.716501	1.08814	1.08814	0.410352	1.2153	1.2153	0.00454204	0.416616	-2.40029	0.506568	0.855489	-1.16892	0.688082	0.910765	-1.09798	2.41122	2.04857	0.755201	1
cg03941517	MOSPD1	0.114774	0.0573539	0.21011	-4.75942	0.0707723	0.231033	-4.32838	0.531235	1.58449	1.58449	0.0369056	5.80586	5.80586	0.285346	2.23733	2.23733	0.433249	0.559719	-1.78661	0.406398	0.539896	-1.85221	0.413395	1.83459	1.83459	0.758186	1.25119	1.25119	2.4112	20.111	7.41391	1
cg17838420	IRX4	0.114774	0.401744	1.92433	1.92433	0.0792812	4.4189	4.4189	0.648933	1.41847	1.41847	0.0801007	4.39727	4.39727	0.0137029	10.2258	10.2258	0.688224	1.36024	1.36024	0.885631	1.11602	1.11602	0.0225293	8.03615	8.03615	0.147929	3.26722	3.26722	2.4112	22.2157	8.1898	1
cg03630790	TGFBR2;TGFBR2	0.114774	0.210021	0.557327	-1.79428	0.233053	0.575015	-1.73908	0.526886	0.752969	-1.32808	0.116198	0.469771	-2.1287	0.0188127	0.283796	-3.52366	0.830295	0.909389	-1.09964	0.0455911	2.75789	2.75789	0.82545	1.10268	1.10268	0.864649	0.927279	-1.07842	2.4112	7.47877	2.75705	1
cg23935522	ZDHHC17	0.114782	0.281074	0.550449	-1.8167	0.0875211	0.365991	-2.73231	0.939901	0.960615	-1.041	0.117003	2.47793	2.47793	0.138419	0.427387	-2.3398	0.620286	1.30492	1.30492	0.667234	0.794138	-1.25923	0.0214909	4.35724	4.35724	0.876651	0.92056	-1.08629	2.41113	10.8441	3.9978	1
cg08276042	KCTD5	0.114782	0.493808	0.601956	-1.66125	0.334084	2.07031	2.07031	0.339415	2.05283	2.05283	0.79798	0.82915	-1.20605	0.199733	0.371742	-2.69004	0.529575	1.59232	1.59232	0.004566	0.0633727	-15.7797	0.977016	0.979177	-1.02127	0.667638	0.729401	-1.37099	2.41113	20.3742	7.51119	1
cg15109172	ATHL1	0.114783	0.0796667	0.375455	-2.66343	0.191729	0.498559	-2.00578	0.128488	0.437151	-2.28754	0.597583	0.764685	-1.30773	0.0210361	0.247138	-4.04632	0.0852485	0.383559	-2.60716	0.0240728	0.25793	-3.87702	0.0761579	0.370169	-2.70147	0.214852	0.518103	-1.93012	2.41112	9.68584	3.5708	1
cg08301896	SYT15;SYT15	0.114784	0.0525128	4.76294	4.76294	0.0424346	5.23071	5.23071	0.204726	2.57909	2.57909	0.180444	2.73729	2.73729	0.0227226	6.89383	6.89383	0.399532	1.84155	1.84155	0.1691	2.82144	2.82144	0.0441952	5.13804	5.13804	0.0742661	4.08853	4.08853	2.41111	19.1415	7.05677	1
cg03834947	MTFMT	0.114791	0.58807	0.904249	-1.10589	0.793619	1.04944	1.04944	0.0336623	0.63342	-1.57873	0.767435	0.946881	-1.0561	0.0274071	0.618634	-1.61646	0.158681	0.757828	-1.31956	0.0156995	0.579847	-1.72459	0.618732	0.911798	-1.09673	0.948677	0.988222	-1.01192	2.41104	1.29352	0.476887	1
cg08231696	CLCNKA;CLCNKA	0.114791	0.142635	0.350463	-2.85337	0.126633	0.33307	-3.00237	0.120306	0.325891	-3.06851	0.588649	0.695387	-1.43805	0.0592121	0.242382	-4.12573	0.0890734	0.287173	-3.48223	0.00801648	0.104293	-9.58841	0.121839	0.327648	-3.05206	0.3305	0.512676	-1.95055	2.41104	16.905	6.23245	1
cg13634319	DGKA	0.114792	0.222875	0.650475	-1.53734	0.162327	0.605994	-1.65018	0.783666	0.911739	-1.09681	0.501761	1.25722	1.25722	0.023009	0.40135	-2.49159	0.445546	1.29835	1.29835	0.0751466	0.5141	-1.94515	0.14414	1.69354	1.69354	0.23871	0.660789	-1.51334	2.41103	4.30473	1.58705	1
cg00173787	C1orf66;C1orf66;ISG20L2;C1orf66;C1orf66	0.114803	0.336802	0.816131	-1.22529	0.902086	1.02557	1.02557	0.149294	0.728149	-1.37335	0.0388801	0.612249	-1.63332	0.0205029	0.563967	-1.77315	0.204302	0.759695	-1.31632	0.125477	0.711622	-1.40524	0.762498	1.06416	1.06416	0.254797	1.27627	1.27627	2.41094	1.6073	0.592595	1
cg16663341	SETBP1;SETBP1	0.114803	0.57047	1.34995	1.34995	0.00698029	6.20991	6.20991	0.029577	3.82135	3.82135	0.32424	1.70367	1.70367	0.626113	0.773403	-1.29299	0.286738	1.78413	1.78413	0.808004	1.13588	1.13588	0.827572	0.892115	-1.12093	0.707118	0.820752	-1.21839	2.41093	10.4577	3.85567	1
cg19928703	SLC7A1	0.114812	0.0321873	0.242529	-4.12321	0.127257	0.394077	-2.53758	0.452406	0.649048	-1.54072	0.712196	0.811215	-1.23272	0.0477648	0.278579	-3.58965	0.298047	0.543842	-1.83877	0.0492236	0.281533	-3.55199	0.331104	1.76161	1.76161	0.0682113	0.315687	-3.1677	2.41085	12.1735	4.48843	1
cg12082271	PSD3;PSD3	0.114813	0.969245	1.02279	1.02279	0.56272	0.710298	-1.40786	0.0624027	3.40759	3.40759	0.528596	1.45235	1.45235	0.788934	0.854844	-1.1698	0.597606	0.732442	-1.3653	0.53281	0.691235	-1.44669	0.00525755	8.59625	8.59625	0.622747	1.33623	1.33623	2.41084	13.0463	4.81023	1
cg23641852	TSHZ3	0.114813	0.0457026	1.66078	1.66078	0.751516	0.932074	-1.07288	0.52336	1.15398	1.15398	0.0246152	1.80887	1.80887	0.144169	1.41541	1.41541	0.0259775	1.7954	1.7954	0.085225	1.52405	1.52405	0.281377	1.28136	1.28136	0.88353	1.03299	1.03299	2.41084	1.87227	0.690316	1
cg13935009	CDK18;CDK18;CDK18	0.114813	0.132141	0.342718	-2.91785	0.745758	0.807037	-1.2391	0.141962	0.353302	-2.83044	0.431284	0.589013	-1.69776	0.0266907	0.177222	-5.64266	0.0350121	0.198149	-5.0467	0.0341142	0.196048	-5.10079	0.0462478	0.222074	-4.50301	0.351019	0.531254	-1.88234	2.41084	16.5801	6.11317	1
cg05161119	CPLX1	0.114814	0.975646	0.988033	-1.01211	0.119275	1.94788	1.94788	0.370054	1.43769	1.43769	0.846191	1.0796	1.0796	0.139555	0.534168	-1.87207	0.467578	0.74713	-1.33845	0.398	0.710849	-1.40677	0.0160816	3.19558	3.19558	0.105656	2.00794	2.00794	2.41083	5.93891	2.18972	1
cg10993769	RPS19BP1	0.114816	0.855827	1.03052	1.03052	0.362359	0.856607	-1.1674	0.459204	0.882859	-1.13268	0.00776369	1.75975	1.75975	0.665298	0.930572	-1.07461	0.891699	1.02278	1.02278	0.28078	1.20362	1.20362	0.111012	0.750488	-1.33247	0.35339	1.171	1.171	2.41081	1.04352	0.384755	1
cg09746044	FRMD5	0.114816	0.975254	0.993947	-1.00609	0.0437543	0.635289	-1.57409	0.141335	1.36286	1.36286	0.713181	0.930287	-1.07494	0.849801	0.963574	-1.0378	0.0702147	1.48608	1.48608	0.033279	1.6274	1.6274	0.375078	1.19505	1.19505	0.513413	1.13851	1.13851	2.41081	1.46269	0.539309	1
cg10850580	UBR4	0.114817	0.252766	0.738496	-1.3541	0.23919	1.36725	1.36725	0.864184	1.0444	1.0444	0.00479139	0.386721	-2.58584	0.3298	1.29073	1.29073	0.890225	0.965563	-1.03567	0.403958	0.805157	-1.24199	0.418291	0.810675	-1.23354	0.685897	0.901966	-1.10869	2.4108	2.45887	0.906611	1
cg02883666	MIR496	0.114817	0.842359	0.85935	-1.16367	0.00829665	13.0529	13.0529	0.12338	3.56261	3.56261	0.964921	1.03405	1.03405	0.209335	0.365206	-2.73818	0.601441	1.49359	1.49359	0.236809	0.389248	-2.56905	0.762347	1.2597	1.2597	0.394333	0.514713	-1.94283	2.4108	22.1258	8.15802	1
cg02469909	C22orf45;C22orf45;UPB1	0.11482	0.0732653	6.21825	6.21825	0.47893	1.93201	1.93201	0.720551	1.38908	1.38908	0.318554	2.56813	2.56813	0.0903396	5.51527	5.51527	0.270021	0.349647	-2.86003	0.729574	0.727964	-1.37369	0.0331291	9.76671	9.76671	0.0295594	10.4233	10.4233	2.41077	31.9606	11.7844	1
cg24356530	DLGAP2	0.11482	0.171169	0.832407	-1.20133	0.789304	0.966845	-1.03429	0.0205134	0.703694	-1.42107	0.403702	1.11357	1.11357	0.764028	0.962807	-1.03863	0.718653	1.0466	1.0466	0.0249861	1.39904	1.39904	0.515334	0.920307	-1.08659	0.990822	0.998553	-1.00145	2.41077	0.605139	0.223124	1
cg27381822	UST	0.114821	0.0608748	0.20569	-4.86169	0.0377426	0.164698	-6.07173	0.0549873	0.196185	-5.09723	0.347781	0.485023	-2.06176	0.0276509	0.142439	-7.02053	0.179207	0.343716	-2.90938	0.0632452	0.20938	-4.776	0.970252	0.972474	-1.02831	0.157391	0.322495	-3.10083	2.41076	21.3896	7.88671	1
cg25349939	GTDC1;GTDC1;GTDC1	0.114824	0.440116	0.807848	-1.23786	0.230225	1.40657	1.40657	0.44271	0.808863	-1.2363	0.943169	0.980863	-1.01951	0.346903	0.769121	-1.30019	0.721295	1.10195	1.10195	0.00990634	2.41833	2.41833	0.0494914	1.83579	1.83579	0.870516	1.0452	1.0452	2.41074	2.80451	1.03408	1
cg17104738	LETM1	0.114824	0.0626398	0.207497	-4.81936	0.879242	1.12089	1.12089	0.89217	0.9032	-1.10717	0.0847249	0.239029	-4.18359	0.106919	0.26682	-3.74785	0.0224667	0.128441	-7.78569	0.0261107	0.137871	-7.25318	0.999402	1.00056	1.00056	0.458935	0.567752	-1.76133	2.41073	21.5139	7.93264	1
cg06624056	LOC402644	0.114825	0.238709	0.412516	-2.42415	0.00788493	0.0866575	-11.5397	0.0338319	0.168972	-5.91814	0.520857	0.626892	-1.59517	0.094483	0.267409	-3.73959	0.370575	0.516966	-1.93436	0.111099	0.287792	-3.47473	0.133778	0.313357	-3.19124	0.651561	0.721652	-1.38571	2.41073	19.6595	7.24891	1
cg02447733	SAPS2	0.114825	0.276487	1.84056	1.84056	0.0171136	4.78894	4.78894	0.00670166	6.6549	6.6549	0.685161	1.24568	1.24568	0.303454	1.77617	1.77617	0.487001	1.4632	1.4632	0.600653	1.32932	1.32932	0.829311	1.1234	1.1234	0.866078	0.913045	-1.09524	2.41073	11.0907	4.0894	1
cg00031013	KDM6B;TMEM88	0.114827	0.334572	1.34781	1.34781	0.00748042	2.80882	2.80882	0.0701007	1.83556	1.83556	0.115527	1.67055	1.67055	0.620971	1.16125	1.16125	0.941804	1.02214	1.02214	0.854771	0.946529	-1.05649	0.0951231	1.7333	1.7333	0.112504	1.67901	1.67901	2.41071	3.43461	1.26643	1
cg23719318	GDF7	0.114829	0.771419	1.21146	1.21146	0.0876393	0.288944	-3.46088	0.664489	0.750238	-1.33291	0.53017	0.657862	-1.52007	0.0379722	4.87616	4.87616	0.641119	0.734081	-1.36225	0.067797	0.259976	-3.84651	0.137791	2.86444	2.86444	0.263133	2.15593	2.15593	2.41069	16.556	6.10466	1
cg19812938	TBCD	0.114834	0.203365	0.777232	-1.28662	0.206794	1.28391	1.28391	0.486537	1.14191	1.14191	0.600333	1.10432	1.10432	0.0664538	0.679546	-1.47157	0.334533	0.829602	-1.2054	0.0274834	1.63139	1.63139	0.877587	0.971483	-1.02935	0.185388	0.768281	-1.30161	2.41064	1.34508	0.495979	1
cg13562446	RNF11;RNF11	0.114837	0.0109497	0.272071	-3.67551	0.780832	1.12042	1.12042	0.172179	1.80834	1.80834	0.758662	1.13386	1.13386	0.896632	1.05442	1.05442	0.0423261	0.385456	-2.59433	0.39579	0.701512	-1.42549	0.946483	1.02774	1.02774	0.568786	1.26464	1.26464	2.41062	6.34486	2.3396	1
cg01346748	TFAP4	0.114843	0.0762061	0.690694	-1.44782	0.516982	0.884054	-1.13115	0.214661	0.782685	-1.27765	0.398307	0.850261	-1.17611	0.0274496	0.613084	-1.6311	0.0403668	0.641356	-1.5592	0.0872855	0.70179	-1.42493	0.120005	0.728784	-1.37215	0.304102	1.22096	1.22096	2.41056	1.34325	0.495321	1
cg26695758	TNXB	0.114846	0.632187	1.59531	1.59531	0.00635915	31.1893	31.1893	0.130117	4.872	4.872	0.457264	2.08173	2.08173	0.18126	0.252933	-3.95362	0.64731	0.640093	-1.56227	0.698254	1.45836	1.45836	0.16143	4.25621	4.25621	0.52532	1.86523	1.86523	2.41053	35.8127	13.206	1
cg16745446	FAM189A1	0.114848	0.697511	0.928483	-1.07703	0.759884	0.943426	-1.05997	0.0181374	1.72476	1.72476	0.0827141	1.4406	1.4406	0.625592	1.09792	1.09792	0.339983	0.829589	-1.20542	0.34918	0.832695	-1.20092	0.974631	0.993977	-1.00606	0.043646	1.5537	1.5537	2.41051	1.37783	0.508084	1
cg00701951	HTRA1	0.114849	0.629099	0.780296	-1.28156	0.228021	1.90594	1.90594	0.121511	0.424983	-2.35303	0.680606	1.23489	1.23489	0.180844	0.484695	-2.06315	0.260603	1.81865	1.81865	0.538396	1.37373	1.37373	0.0106992	5.13094	5.13094	0.905119	1.06267	1.06267	2.4105	9.91949	3.65788	1
cg04036714	NAPEPLD;NAPEPLD;NAPEPLD;NAPEPLD	0.11485	0.756156	0.964235	-1.03709	0.0827206	1.25191	1.25191	0.0183053	1.39765	1.39765	0.584281	1.06673	1.06673	0.748542	0.963094	-1.03832	0.307947	0.883921	-1.13132	0.414527	0.907083	-1.10243	0.925126	0.98907	-1.01105	0.0410255	1.31744	1.31744	2.4105	0.521889	0.192451	1
cg05474864	CYB561;CYB561;CYB561	0.11485	0.849187	0.961111	-1.04046	0.215502	1.3121	1.3121	0.465375	0.856586	-1.16743	0.723425	0.92864	-1.07684	0.0115531	0.517859	-1.93103	0.374799	0.827122	-1.20901	0.049498	1.5952	1.5952	0.694203	1.08581	1.08581	0.862334	1.03683	1.03683	2.41049	1.65739	0.611177	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13300689	CLEC2D;CLEC2D	0.114851	0.0200198	0.217479	-4.59815	0.732604	0.829926	-1.20493	0.551372	0.720652	-1.38763	0.143768	0.425796	-2.34854	0.0483659	0.293427	-3.40801	0.839958	1.11618	1.11618	0.25394	0.523313	-1.9109	0.178526	2.17481	2.17481	0.0932008	0.366479	-2.72867	2.41048	11.28	4.15961	1
cg15777570	CCL27	0.114854	0.148873	1.24295	1.24295	0.067919	0.750328	-1.33275	0.919675	0.985929	-1.01427	0.217856	1.19974	1.19974	0.370913	0.878909	-1.13777	0.0330184	1.41939	1.41939	0.314315	1.15741	1.15741	0.233529	0.839064	-1.1918	0.496421	0.907544	-1.10187	2.41046	0.753446	0.277843	1
cg04361126	SLC40A1	0.114856	0.317321	1.42158	1.42158	0.896326	1.04536	1.04536	0.534167	1.23894	1.23894	0.750906	1.11447	1.11447	0.0937135	1.87248	1.87248	0.0430061	2.20877	2.20877	0.0123309	2.88759	2.88759	0.0295657	2.39125	2.39125	0.333267	1.40443	1.40443	2.41044	4.42097	1.63031	1
cg07102072	FLJ10357	0.114857	0.757597	0.946041	-1.05704	0.0511667	1.48869	1.48869	0.640632	0.919213	-1.08789	0.584518	0.905801	-1.104	0.188724	1.28339	1.28339	0.877756	0.972798	-1.02796	0.0129067	0.575191	-1.73855	0.601109	0.909815	-1.09913	0.32526	1.19961	1.19961	2.41043	1.22557	0.451951	1
cg01356115	IFT140	0.114857	0.278553	0.703557	-1.42135	0.27612	0.702202	-1.42409	0.145329	1.62905	1.62905	0.951957	0.981373	-1.01898	0.0496643	0.497181	-2.01134	0.19266	1.5377	1.5377	0.517187	1.22744	1.22744	0.918329	0.968499	-1.03253	0.0281159	0.445172	-2.24632	2.41042	3.71784	1.37102	1
cg20225246	DOT1L	0.114861	0.0358312	1.52336	1.52336	0.261939	1.22339	1.22339	0.915234	0.981816	-1.01852	0.209835	1.25583	1.25583	0.419261	1.15286	1.15286	0.695558	1.07013	1.07013	0.00466577	1.9125	1.9125	0.450358	1.14175	1.14175	0.915825	1.01839	1.01839	2.41039	1.1341	0.418226	1
cg04295372	VCAM1;VCAM1	0.114861	0.458952	1.38556	1.38556	0.956386	1.02393	1.02393	0.0180811	0.288904	-3.46136	0.164421	0.526496	-1.89935	0.213797	0.567746	-1.76135	0.134351	2.01002	2.01002	0.955412	0.97611	-1.02447	0.107631	2.13682	2.13682	0.734306	0.863016	-1.15873	2.41039	7.1393	2.63278	1
cg23790345	FAR1	0.114861	?	?	?	0.686578	1.42014	1.42014	0.23724	3.00545	3.00545	0.0167699	0.0554278	-18.0415	0.145754	4.10201	4.10201	0.279255	2.70362	2.70362	0.196711	0.295056	-3.38919	0.92484	0.921896	-1.08472	0.788694	1.26089	1.26089	3.08795	29.6229	5.99566	1
cg07235053	FUT4	0.114863	0.36985	1.56131	1.56131	0.125383	2.23097	2.23097	0.0338534	3.31523	3.31523	0.777134	0.87172	-1.14716	0.330898	1.62475	1.62475	0.244014	1.80339	1.80339	0.0134028	4.39966	4.39966	0.0577298	2.8238	2.8238	0.835632	0.904375	-1.10574	2.41037	8.93448	3.29483	1
cg21864868	LOC404266;LOC404266;LOC404266;LOC404266;LOC404266	0.114865	0.309417	1.44145	1.44145	0.0371597	2.31875	2.31875	0.0250347	2.52626	2.52626	0.164283	1.67506	1.67506	0.585805	1.21079	1.21079	0.480807	0.779493	-1.28288	0.451871	0.766107	-1.3053	0.455587	0.767845	-1.30235	0.0912356	1.90904	1.90904	2.41035	4.61284	1.70112	1
cg23233589	SYNE1;SYNE1	0.114866	0.0242337	0.376538	-2.65577	0.509912	0.784243	-1.27512	0.696194	1.15335	1.15335	0.989351	0.995159	-1.00486	0.0175366	0.349593	-2.86047	0.383725	0.722713	-1.38368	0.0332259	0.404545	-2.47191	0.298445	0.6758	-1.47973	0.953877	0.97919	-1.02125	2.41035	5.04639	1.86101	1
cg16518772	MAZ;MAZ	0.114866	0.576084	0.784526	-1.27465	0.033986	2.89589	2.89589	0.646555	0.820078	-1.2194	0.522933	0.75718	-1.32069	0.182902	0.544884	-1.83525	0.114062	2.09282	2.09282	0.0622914	0.405942	-2.46341	0.796319	0.894828	-1.11753	0.199062	1.79137	1.79137	2.41034	7.04576	2.59834	1
cg17338615	LY6G5C	0.114867	0.00788733	0.448387	-2.23021	0.539972	1.15722	1.15722	0.515314	0.856197	-1.16795	0.257207	1.32086	1.32086	0.18205	0.716526	-1.39562	0.661491	0.901504	-1.10926	0.164818	1.41728	1.41728	0.608238	0.885437	-1.12939	0.627794	1.12185	1.12185	2.41034	2.11431	0.779721	1
cg20313677	KIAA0562	0.114868	0.977185	0.975806	-1.02479	0.4233	2.01457	2.01457	0.43302	1.9842	1.9842	0.658046	0.682844	-1.46446	0.0208811	0.0924612	-10.8153	0.0603007	0.162919	-6.13803	0.0257296	0.103465	-9.66514	0.425353	0.497989	-2.00808	0.663312	0.687188	-1.45521	2.41033	27.9992	10.3256	1
cg05048680	MRPL20	0.114868	?	?	?	0.120136	5.54168	5.54168	0.347196	2.67262	2.67262	0.0387589	11.3656	11.3656	?	?	?	0.0314583	12.9688	12.9688	0.358656	2.60808	2.60808	?	?	?	0.633246	0.613715	-1.62942	2.50213	27.2498	14.5209	1
cg07119973	DCAKD;DCAKD	0.114868	0.0133776	0.241244	-4.14517	0.0860083	0.41456	-2.4122	0.0867665	0.41562	-2.40604	0.131536	0.469723	-2.12892	0.0703594	0.391097	-2.55691	0.0842372	0.412058	-2.42684	0.0733556	0.395846	-2.52623	0.446964	0.697841	-1.43299	0.156963	0.495303	-2.01896	2.41032	8.22364	3.03275	1
cg03878377	RSL24D1;RSL24D1	0.114869	0.229567	1.27938	1.27938	0.123925	0.722087	-1.38488	0.793743	1.05254	1.05254	0.470813	1.15415	1.15415	0.037712	0.624361	-1.60164	0.0754854	1.47213	1.47213	0.667462	0.919002	-1.08814	0.655894	1.0916	1.0916	0.0901793	1.44043	1.44043	2.41032	1.4579	0.537653	1
cg21597152	GFRA4;GFRA4	0.11487	0.0373934	0.225909	-4.42656	0.443107	0.617804	-1.61864	0.0744651	0.294084	-3.40038	0.915871	0.936997	-1.06724	0.136246	0.372067	-2.68769	0.267109	0.490654	-2.03809	0.00949809	0.132178	-7.56555	0.115174	0.348238	-2.8716	0.204476	0.438393	-2.28106	2.41031	14.4785	5.33949	1
cg19650755	IL26	0.11487	0.234155	0.787521	-1.26981	0.0696981	1.47479	1.47479	0.122162	1.37831	1.37831	0.538074	0.887451	-1.12682	0.793208	0.950928	-1.0516	0.942694	1.01386	1.01386	0.0211372	0.588026	-1.7006	0.302824	0.815119	-1.22681	0.419718	1.17105	1.17105	2.4103	1.40024	0.516392	1
cg09604489	TNFRSF10D	0.114871	0.112107	0.609319	-1.64118	0.214047	0.687545	-1.45445	0.00767822	0.374899	-2.66739	0.198634	0.677729	-1.47552	0.496705	0.820683	-1.2185	0.179712	0.664939	-1.5039	0.476849	1.23015	1.23015	0.161679	0.651842	-1.53411	0.0849146	0.579508	-1.7256	2.4103	3.13046	1.15447	1
cg02559410	MKL2	0.114875	0.859006	1.05836	1.05836	0.393048	0.756465	-1.32194	0.0289371	0.439769	-2.27392	0.335266	1.37296	1.37296	0.203437	1.53453	1.53453	0.982601	1.00698	1.00698	0.0304236	2.25134	2.25134	0.549014	1.21339	1.21339	0.180244	1.57448	1.57448	2.41026	3.88432	1.43252	1
cg26397172	RPL23A;SNORD42B	0.114876	0.51831	0.905973	-1.10379	0.403	0.878934	-1.13774	0.489458	1.11168	1.11168	0.690443	0.941424	-1.06222	0.529219	1.10089	1.10089	0.0611123	0.727444	-1.37468	0.319828	1.16767	1.16767	0.34813	0.864455	-1.1568	0.012395	1.59898	1.59898	2.41025	0.867924	0.320086	1
cg21844956	TRIM38	0.114881	0.542013	1.19907	1.19907	0.0858083	1.74792	1.74792	0.420481	0.785	-1.27388	0.215721	0.681657	-1.46701	0.0217191	0.444678	-2.24882	0.261687	1.41094	1.41094	0.337399	1.33762	1.33762	0.170807	1.53566	1.53566	0.996293	1.00137	1.00137	2.4102	3.30222	1.21787	1
cg08814020	POLR1A	0.114883	0.15428	0.46407	-2.15485	0.223856	0.525544	-1.90279	0.34737	0.614395	-1.62762	0.182526	0.490563	-2.03847	0.00644719	0.168054	-5.95048	0.903259	1.06313	1.06313	0.660681	1.24905	1.24905	0.191853	0.498801	-2.00481	0.0657187	0.353567	-2.82832	2.41018	9.67456	3.56803	1
cg22697325	MACF1	0.114883	0.263468	0.709825	-1.4088	0.0221465	0.446423	-2.24003	0.343995	0.750813	-1.33189	0.328826	1.34489	1.34489	0.0394229	0.496319	-2.01483	0.0846337	0.570779	-1.75199	0.186654	0.662604	-1.5092	0.682457	1.12856	1.12856	0.634926	1.151	1.151	2.41018	3.2997	1.21695	1
cg25644323	ST3GAL6	0.114884	0.215288	0.807361	-1.2386	0.0425001	0.68165	-1.46703	0.0333529	0.665	-1.50376	0.285896	1.19941	1.19941	0.64347	0.926383	-1.07947	0.63804	1.08084	1.08084	0.436939	1.13894	1.13894	0.611978	0.919503	-1.08754	0.04714	0.688884	-1.45162	2.41017	1.02741	0.378916	1
cg08700690	RORA;RORA;RORA;RORA;RORA	0.114884	0.369751	1.35572	1.35572	0.267074	1.46523	1.46523	0.211615	1.54461	1.54461	0.148377	1.66897	1.66897	0.989046	0.995475	-1.00455	0.50183	1.25259	1.25259	0.00763239	0.321985	-3.10574	0.76798	1.10268	1.10268	0.687759	1.1428	1.1428	2.41017	4.16682	1.53675	1
cg06453906	MTG1	0.114885	0.470251	0.89468	-1.11772	0.920561	0.985001	-1.01523	0.936788	1.01209	1.01209	0.903101	1.01862	1.01862	0.0390025	0.696289	-1.43619	0.182233	1.23923	1.23923	0.0151231	1.57182	1.57182	0.861022	1.0269	1.0269	0.305015	0.851357	-1.17459	2.41017	0.876151	0.323132	1
cg09801607	CTPS	0.114885	0.163773	2.60422	2.60422	0.0307578	5.12539	5.12539	0.268888	2.09944	2.09944	0.106733	3.10914	3.10914	0.230716	0.444938	-2.2475	0.515349	1.52939	1.52939	0.0506017	4.19883	4.19883	0.0635503	3.83288	3.83288	0.178147	2.51313	2.51313	2.41017	15.8358	5.84036	1
cg20434825	C21orf63	0.114886	0.857407	0.843611	-1.18538	0.18049	3.83703	3.83703	0.0397358	9.47207	9.47207	0.766046	0.754156	-1.32598	0.839315	0.825325	-1.21164	0.752666	1.34841	1.34841	0.00660228	28.0705	28.0705	0.626818	0.629198	-1.58933	0.419104	2.18287	2.18287	2.41016	34.1294	12.5872	1
cg16896539	HNRNPH3;HNRNPH3	0.114893	0.950457	1.02935	1.02935	0.0513782	2.80848	2.80848	0.0627602	2.65052	2.65052	0.112146	2.23731	2.23731	0.91657	0.95239	-1.04999	0.83437	1.10239	1.10239	0.475425	0.713294	-1.40195	0.0119863	4.30248	4.30248	0.629836	1.25367	1.25367	2.41009	8.27243	3.05103	1
cg18357736	C6orf81;LOC285847	0.114894	0.261955	0.732098	-1.36594	0.0270936	2.00878	2.00878	0.789488	1.07394	1.07394	0.142289	1.52275	1.52275	0.0476715	0.546764	-1.82894	0.264237	1.36374	1.36374	0.727218	0.910865	-1.09786	0.584397	0.863076	-1.15865	0.424043	0.804398	-1.24317	2.41008	2.71277	1.00053	1
cg15726426	KCNA3	0.114896	0.650099	0.766198	-1.30515	0.246923	2.02595	2.02595	0.0863383	3.01903	3.01903	0.06208	3.40414	3.40414	0.314732	0.545387	-1.83356	0.121037	2.66557	2.66557	0.234773	2.06733	2.06733	0.0311648	4.37023	4.37023	0.421177	0.619276	-1.61479	2.41007	12.9806	4.78755	1
cg02179982	WNT7B	0.114897	0.388253	0.679048	-1.47265	0.0165081	0.277454	-3.60421	0.1338	0.492728	-2.02952	0.839248	0.914931	-1.09298	0.534146	0.759118	-1.31732	0.861053	0.92618	-1.0797	0.0287646	0.323391	-3.09224	0.181442	1.86071	1.86071	0.229275	0.575674	-1.73709	2.41005	7.31314	2.69728	1
cg22496377	SHF;SHF	0.114898	0.388653	0.910073	-1.09881	0.28417	0.888105	-1.12599	0.342591	1.10992	1.10992	0.0495232	0.787401	-1.27	0.485087	0.927127	-1.0786	0.0189481	0.73855	-1.35401	0.809105	1.02615	1.02615	0.168826	1.16926	1.16926	0.448141	1.08594	1.08594	2.41004	0.4342	0.160145	1
cg00965643	DCDC2B	0.114901	0.0469974	0.343296	-2.91294	0.0471996	0.343727	-2.90929	0.808905	1.12068	1.12068	0.320771	0.617281	-1.62001	0.039284	0.325781	-3.06954	0.0913494	0.41712	-2.39739	0.046911	0.343112	-2.9145	0.0819647	0.403994	-2.47528	0.530501	0.741703	-1.34825	2.41002	8.44122	3.11338	1
cg02577384	RNF121;LOC100133315;RNF121;RNF121;RNF121	0.114905	0.789961	0.951686	-1.05077	0.226327	1.26573	1.26573	0.0353671	1.57538	1.57538	0.0368671	1.56785	1.56785	0.867146	1.03154	1.03154	0.135118	1.34821	1.34821	0.0806092	0.698065	-1.43253	0.440697	1.15702	1.15702	0.882849	0.973019	-1.02773	2.40998	1.31332	0.484401	1
cg11070531	ZNF692;ZNF692	0.114906	0.0418441	0.23708	-4.21798	0.338536	0.54587	-1.83194	0.249073	0.477468	-2.09438	0.80191	0.857055	-1.16679	0.0149692	0.159503	-6.26947	0.0923665	0.320887	-3.11636	0.0636081	0.278115	-3.59564	0.878505	1.09841	1.09841	0.0823178	0.306969	-3.25765	2.40997	14.3721	5.30096	1
cg02283836	FRMD6;FRMD6;FRMD6	0.114906	0.0481595	0.702985	-1.42251	0.288972	0.842172	-1.18741	0.0775965	0.736308	-1.35813	0.394817	0.872841	-1.14568	0.0274531	0.665631	-1.50233	0.157241	0.789747	-1.26623	0.856494	0.972147	-1.02865	0.778093	1.04507	1.04507	0.149517	1.27271	1.27271	2.40997	0.929486	0.342831	1
cg04550474	LOC642006	0.114907	0.0762212	0.420304	-2.37923	0.0163093	0.275172	-3.63409	0.146924	0.504612	-1.98172	0.421176	0.696941	-1.43484	0.0277921	0.31898	-3.13499	0.072413	0.414437	-2.41291	0.218589	0.56634	-1.76573	0.826472	0.908038	-1.10128	0.116749	0.472939	-2.11444	2.40996	7.36848	2.71779	1
cg27504053	RPS10P7	0.11491	0.100979	0.591997	-1.6892	0.148185	0.63589	-1.5726	0.689618	0.889434	-1.12431	0.90379	0.965322	-1.03592	0.00725958	0.363917	-2.74788	0.250137	0.70415	-1.42015	0.188608	1.50164	1.50164	0.953845	0.983248	-1.01704	0.390573	0.773544	-1.29275	2.40993	3.25144	1.19928	1
cg15535636	RAB4B	0.114912	0.683612	0.953705	-1.04854	0.798085	0.970779	-1.0301	0.223483	1.15947	1.15947	0.360619	1.11485	1.11485	0.0811615	1.25066	1.25066	0.220025	1.16089	1.16089	0.0740731	0.794309	-1.25896	0.0345895	0.751974	-1.32983	0.699936	0.956188	-1.04582	2.40991	0.510801	0.188407	1
cg17516156	INPP1;INPP1	0.114914	0.500091	0.876447	-1.14097	0.172909	1.32239	1.32239	0.105121	1.40658	1.40658	0.439065	1.16422	1.16422	0.0239845	0.595221	-1.68005	0.715836	1.07298	1.07298	0.579749	1.11378	1.11378	0.89146	0.974039	-1.02665	0.0644831	0.670213	-1.49206	2.4099	1.41674	0.522561	1
cg16405768	SLCO4A1	0.114918	0.593112	0.881331	-1.13465	0.300588	0.777844	-1.28561	0.0305203	0.551351	-1.81373	0.607104	0.885608	-1.12917	0.087107	0.642447	-1.55655	0.484874	1.18086	1.18086	0.0956737	1.5352	1.5352	0.928507	0.979201	-1.02124	0.0505061	0.593323	-1.68542	2.40986	2.09367	0.77226	1
cg19880852	KRT71	0.114918	0.592862	1.12263	1.12263	0.0538564	0.625552	-1.59859	0.0271855	0.571039	-1.7512	0.0717007	0.649881	-1.53874	0.151128	0.719141	-1.39055	0.56939	0.884056	-1.13115	0.14419	1.39965	1.39965	0.489875	0.860427	-1.16221	0.504022	0.864748	-1.15641	2.40986	1.75304	0.646616	1
cg11683732	C7orf23	0.114921	0.0262208	0.478944	-2.08793	0.324075	0.752529	-1.32885	0.577489	0.854616	-1.17012	0.409343	0.790124	-1.26562	0.883527	0.959902	-1.04177	0.620384	0.869891	-1.14957	0.0131082	2.36063	2.36063	0.777885	0.924088	-1.08215	0.871117	0.955684	-1.04637	2.40983	2.97455	1.09719	1
cg04327947	BRSK1	0.114924	0.751342	0.955824	-1.04622	0.994975	0.999105	-1.0009	0.0107576	1.5769	1.5769	0.916641	1.01499	1.01499	0.0564657	0.735701	-1.35925	0.720043	0.950135	-1.05248	0.85687	0.974667	-1.02599	0.224858	1.19864	1.19864	0.183085	1.22235	1.22235	2.40981	0.770971	0.284383	1
cg13397024	LMTK2	0.114924	0.0725221	0.463686	-2.15663	0.0116593	0.298475	-3.35036	0.0240065	0.356068	-2.80845	0.546352	0.791245	-1.26383	0.299212	0.66188	-1.51085	0.597767	0.815286	-1.22656	0.0605961	0.444211	-2.25118	0.28215	0.651376	-1.53521	0.411466	0.724621	-1.38003	2.4098	5.61449	2.07099	1
cg21087016	HGS	0.114925	0.596094	0.908522	-1.10069	0.856369	1.03303	1.03303	0.313929	0.829625	-1.20536	0.973703	1.00593	1.00593	0.699545	0.932812	-1.07203	0.139771	0.752039	-1.32972	0.00444843	0.506327	-1.97501	0.224733	0.795564	-1.25697	0.0636061	0.687957	-1.45358	2.40979	1.2276	0.45282	1
cg17538280	VWC2	0.114926	0.0797911	0.397346	-2.5167	0.113999	2.26199	2.26199	0.979149	1.01248	1.01248	0.5435	0.746821	-1.33901	0.0937521	0.416889	-2.39872	0.113547	0.441559	-2.2647	0.117564	0.44622	-2.24105	0.132804	2.15963	2.15963	0.639261	1.25123	1.25123	2.40979	8.60151	3.17281	1
cg15955655	AIRE	0.114927	0.0290446	2.48818	2.48818	0.0708692	2.04416	2.04416	0.23478	1.55458	1.55458	0.0680271	2.06272	2.06272	0.1971	1.62108	1.62108	0.044081	2.26946	2.26946	0.023285	2.61331	2.61331	0.276446	1.4934	1.4934	0.461479	1.30421	1.30421	2.40978	4.79018	1.76694	1
cg26563932	ZNF599	0.114929	0.123554	1.22068	1.22068	0.900955	1.015	1.015	0.111586	1.23018	1.23018	0.0561804	1.29503	1.29503	0.138149	1.21027	1.21027	0.657801	1.05474	1.05474	0.896249	1.01572	1.01572	?	?	?	0.0102757	1.47205	1.47205	2.43392	0.489667	0.201184	1
cg11641102	PTK2B;PTK2B;PTK2B;PTK2B	0.114932	0.0602304	0.141885	-7.04796	0.563361	1.71304	1.71304	0.821009	0.811567	-1.23218	0.0429851	0.116979	-8.54858	0.142625	0.234116	-4.27139	0.409606	0.45979	-2.1749	0.0258338	0.0873196	-11.4522	0.0579889	0.138837	-7.20271	0.147394	0.238751	-4.18847	2.40972	32.3976	11.9507	1
cg17014757	CHI3L1	0.11494	0.104334	0.359111	-2.78466	0.189829	2.22771	2.22771	0.186903	2.24101	2.24101	0.501968	0.675001	-1.48148	0.198783	0.45692	-2.18857	0.295722	1.86904	1.86904	0.0478589	0.271213	-3.68713	0.731042	1.22021	1.22021	0.0964357	0.348965	-2.86562	2.40965	12.6968	4.68367	1
cg15260365	UNC93B1	0.114941	0.116254	1.19459	1.19459	0.730757	0.964656	-1.03664	0.10068	0.829195	-1.20599	0.247989	1.13406	1.13406	0.0930386	0.82491	-1.21225	0.720233	0.963231	-1.03817	0.0270109	0.761282	-1.31357	0.427181	1.08812	1.08812	0.540885	0.937553	-1.06661	2.40964	0.414104	0.152758	1
cg22437258	SIK2	0.114947	0.119708	0.660761	-1.51341	0.955917	0.986524	-1.01366	0.0211874	0.506569	-1.97407	0.838648	1.05131	1.05131	0.760971	0.927849	-1.07776	0.102122	0.64461	-1.55132	0.207673	0.721743	-1.38554	0.064349	1.66544	1.66544	0.399497	0.809214	-1.23577	2.40959	2.2989	0.848058	1
cg00017475	ABO	0.114949	0.70594	0.916915	-1.09061	0.0498894	1.66823	1.66823	0.708454	1.08976	1.08976	0.462093	0.842562	-1.18686	0.145384	1.43014	1.43014	0.159206	1.41097	1.41097	0.0372312	1.7391	1.7391	0.104162	0.665953	-1.50161	0.753896	0.930562	-1.07462	2.40957	1.99831	0.737174	1
cg15882762	TSSK1B;MCC	0.114951	0.407446	0.882998	-1.13251	0.0253999	1.47721	1.47721	0.338188	1.15602	1.15602	0.148734	1.25536	1.25536	0.176184	1.23512	1.23512	0.197469	1.22147	1.22147	0.120968	1.28009	1.28009	0.500633	0.90449	-1.1056	0.149744	0.797098	-1.25455	2.40955	0.822888	0.303565	1
cg04932056	SPAG9;SPAG9	0.114951	0.578505	0.535747	-1.86655	0.139986	5.84651	5.84651	0.790314	0.743519	-1.34495	0.0691012	9.60037	9.60037	0.386806	0.372877	-2.68185	0.533872	2.01507	2.01507	0.127939	6.23488	6.23488	0.0115849	33.4528	33.4528	0.7144	0.664498	-1.50489	2.40955	47.1923	17.4094	1
cg18739061	CCDC105	0.114951	0.0840647	0.343364	-2.91236	0.074225	0.328737	-3.04194	0.806886	0.872004	-1.14678	0.837206	1.12194	1.12194	0.0430667	0.272051	-3.67578	0.105571	0.372032	-2.68794	0.0190532	0.204511	-4.8897	0.591337	1.35405	1.35405	0.609359	0.749602	-1.33404	2.40955	11.9349	4.40284	1
cg02061553	ARHGEF16	0.114954	0.0351205	0.490239	-2.03982	0.114095	1.64739	1.64739	0.229242	1.44256	1.44256	0.473824	0.809316	-1.23561	0.317745	0.740871	-1.34976	0.762841	1.09187	1.09187	0.326007	1.34248	1.34248	0.0498583	0.52224	-1.91483	0.487383	0.814713	-1.22743	2.40952	3.21877	1.18743	1
cg18841927	POP5;POP5	0.114954	0.694244	0.943669	-1.05969	0.0379669	1.42347	1.42347	0.04998	1.38825	1.38825	0.4165	0.885267	-1.1296	0.363386	1.14693	1.14693	0.917988	1.01523	1.01523	0.2629	0.842573	-1.18684	0.144018	1.25903	1.25903	0.0548472	1.37654	1.37654	2.40952	0.82187	0.303194	1
cg08747368	MCRS1;MCRS1	0.114955	0.544743	0.890607	-1.12283	0.0326139	1.60419	1.60419	0.0107009	1.83363	1.83363	0.808107	0.955055	-1.04706	0.655829	1.08848	1.08848	0.239671	1.262	1.262	0.32076	0.82375	-1.21396	0.779583	0.948356	-1.05446	0.969155	0.992719	-1.00733	2.40952	1.36309	0.502856	1
cg23188336	CADM2;CADM2	0.114956	0.174571	0.653074	-1.53122	0.162743	0.644264	-1.55216	0.210821	0.677737	-1.4755	0.0938163	0.580639	-1.72224	0.025113	0.455666	-2.19459	0.109718	0.597829	-1.67272	0.315384	0.736177	-1.35837	0.176644	1.52771	1.52771	0.0848794	0.569969	-1.75448	2.4095	3.32183	1.22545	1
cg00771170	DAPK3	0.114957	0.336199	1.2503	1.2503	0.125265	1.45324	1.45324	0.152166	1.41277	1.41277	0.971151	1.00818	1.00818	0.505483	0.858809	-1.1644	0.213386	0.744401	-1.34336	0.0657196	0.627993	-1.59237	0.300177	1.27362	1.27362	0.0440106	1.68429	1.68429	2.40949	1.93659	0.714429	1
cg27349264	CHERP	0.114958	0.824974	1.04307	1.04307	0.71733	1.07168	1.07168	0.277669	1.2398	1.2398	0.698929	0.928674	-1.0768	0.266983	0.802366	-1.24631	0.086744	0.697538	-1.43361	0.0077763	1.9169	1.9169	0.753218	1.06189	1.06189	0.679155	0.923863	-1.08241	2.40949	1.3834	0.510353	1
cg01256139	RBMS1;RBMS1	0.114959	0.579356	1.23254	1.23254	0.0423271	0.417618	-2.39453	0.032586	0.393003	-2.54451	0.642107	0.839655	-1.19097	0.631424	0.834872	-1.19779	0.142449	1.80168	1.80168	0.268176	1.53826	1.53826	0.440618	1.34131	1.34131	0.188005	0.593978	-1.68357	2.40948	5.3205	1.9628	1
cg02963866	FAM189A1	0.114962	0.610183	1.1472	1.1472	0.861403	0.954399	-1.04778	0.0194415	0.470202	-2.12675	0.571234	1.16513	1.16513	0.220753	0.709048	-1.41034	0.0652833	0.575401	-1.73792	0.51735	0.839188	-1.19163	0.0690165	1.72192	1.72192	0.571855	0.85849	-1.16484	2.40945	2.7222	1.00427	1
cg24231037	LBXCOR1	0.114964	0.875956	1.20475	1.20475	0.0594339	13.2712	13.2712	0.046005	16.2122	16.2122	0.604992	0.536356	-1.86443	0.428838	0.38058	-2.62757	0.796299	1.36143	1.36143	0.0180895	34.1626	34.1626	0.0984645	8.952	8.952	0.817103	1.31823	1.31823	2.55289	56.2687	17.1432	1
cg01874084	WIBG;WIBG	0.114967	0.652303	0.789948	-1.26591	0.0124767	5.3235	5.3235	0.0315054	3.83215	3.83215	0.445225	0.666749	-1.49981	?	?	?	0.967078	1.02167	1.02167	0.858795	0.911651	-1.09691	0.667523	0.79881	-1.25186	0.929328	1.04715	1.04715	2.57582	9.57459	3.25247	1
cg14448215	CDC42BPB	0.114968	0.858175	1.0496	1.0496	0.101246	0.615274	-1.62529	0.00720413	0.391129	-2.5567	0.9352	0.978233	-1.02225	0.539254	1.18321	1.18321	0.440504	0.808238	-1.23726	0.200473	1.44194	1.44194	0.295462	0.745548	-1.3413	0.307876	0.751514	-1.33065	2.40939	2.79521	1.03123	1
cg04387175	ZFPM1	0.114969	0.592832	0.886708	-1.12777	0.169511	1.38542	1.38542	0.492956	1.16779	1.16779	0.992996	1.00196	1.00196	0.00696371	0.459474	-2.1764	0.420071	0.832344	-1.20143	0.468448	1.1786	1.1786	0.172132	0.723427	-1.38231	0.341655	0.803912	-1.24392	2.40938	1.8936	0.6986	1
cg26019124	KHDRBS3	0.11497	0.85182	0.957482	-1.04441	0.862832	0.960618	-1.041	0.916828	0.976021	-1.02457	0.10433	1.51066	1.51066	0.00898668	0.46214	-2.16385	0.713485	1.08946	1.08946	0.441683	0.833369	-1.19995	0.990364	0.997198	-1.00281	0.0607723	0.611925	-1.63419	2.40937	2.06	0.759994	1
cg00033490	CROT;CROT	0.114976	0.159608	1.80585	1.80585	0.247853	0.621808	-1.60821	0.0941216	0.484891	-2.06232	0.349229	1.46079	1.46079	0.3732	1.43264	1.43264	0.71393	1.1558	1.1558	0.0322643	2.68075	2.68075	0.119518	1.94322	1.94322	0.139827	1.86784	1.86784	2.40932	5.90175	2.17738	1
cg07589166	JUNB	0.114976	0.0567758	0.688417	-1.45261	0.12251	1.33614	1.33614	0.848988	0.96753	-1.03356	0.0217993	1.61077	1.61077	0.288344	0.826239	-1.2103	0.906739	0.979911	-1.0205	0.218247	0.799109	-1.25139	0.623081	0.917795	-1.08957	0.714876	1.06559	1.06559	2.40931	1.14417	0.422129	1
cg16673446	HLA-DOA	0.114976	0.523682	1.40886	1.40886	0.407195	1.56786	1.56786	0.0607986	0.32593	-3.06814	0.496452	0.693327	-1.44232	0.0791938	0.355695	-2.8114	0.594506	0.752031	-1.32973	0.0237388	0.238884	-4.18614	0.0480563	0.301628	-3.31534	0.974775	1.01691	1.01691	2.40931	10.7353	3.96065	1
cg10457079	SNX29	0.114982	0.185699	0.60525	-1.65221	0.0626742	2.11598	2.11598	0.71986	0.879093	-1.13754	0.640097	0.844932	-1.18353	0.0406301	0.429189	-2.32998	0.0960453	0.519955	-1.92324	0.633247	0.84197	-1.18769	0.190638	0.609037	-1.64194	0.0634041	0.473813	-2.11054	2.40926	4.88543	1.80246	1
cg04595505	NRXN1;NRXN1;NRXN1	0.114983	0.0575199	0.278341	-3.59271	0.536821	0.689108	-1.45115	?	?	?	0.46203	0.640323	-1.56171	0.0755806	0.307995	-3.24681	0.751233	0.827492	-1.20847	0.018373	0.182059	-5.49274	0.251128	2.04192	2.04192	0.197524	0.444407	-2.25019	2.43341	12.1436	4.99037	1
cg12074966	GPR156;GPR156	0.114983	0.173065	0.53084	-1.88381	0.00475274	0.194419	-5.14353	0.0689023	0.410974	-2.43324	0.792487	0.891214	-1.12206	0.376907	0.672963	-1.48597	0.835471	0.913161	-1.0951	0.137985	0.497738	-2.00909	0.974079	0.985907	-1.01429	0.790033	1.12364	1.12364	2.40925	7.28054	2.68615	1
cg03505857	TMPRSS11B	0.114983	0.00537446	0.0350961	-28.4932	0.560736	0.59757	-1.67345	0.421452	0.486779	-2.05432	?	?	?	0.401047	0.470595	-2.12497	0.713756	1.38009	1.38009	0.144438	0.250287	-3.99542	0.407677	2.10147	2.10147	0.583143	0.615678	-1.62423	2.57564	27.1036	9.20765	1
cg10948777	DNM2;DNM2;DNM2;MIR638;DNM2	0.114984	0.815273	1.06206	1.06206	0.168818	1.4582	1.4582	0.0668267	1.69664	1.69664	0.81561	1.06194	1.06194	0.601934	1.145	1.145	0.697104	1.10587	1.10587	0.0127908	0.451296	-2.21584	0.598921	1.14631	1.14631	0.147039	1.49237	1.49237	2.40924	2.52569	0.931853	1
cg14101638	HNF1A	0.114984	0.110755	0.548289	-1.82385	0.199517	0.625777	-1.59801	0.153767	0.589708	-1.69576	0.934929	1.02864	1.02864	0.00785384	0.307388	-3.25322	0.406976	0.745755	-1.34092	0.248919	0.659166	-1.51707	0.0434969	0.448039	-2.23195	0.119826	0.557867	-1.79254	2.40924	4.56354	1.68372	1
cg13971376	TTC8;TTC8;TTC8	0.114994	0.764102	0.901388	-1.1094	0.0264376	0.403386	-2.47902	0.618131	0.840833	-1.1893	0.162621	1.6723	1.6723	0.0290047	0.411534	-2.42994	0.246491	0.658324	-1.51901	0.721178	0.883718	-1.13158	0.192562	1.60921	1.60921	0.898342	0.956867	-1.04508	2.40914	4.54025	1.67519	1
cg01018063	GSTZ1;GSTZ1;GSTZ1;POMT2;GSTZ1	0.114996	0.300493	1.15945	1.15945	0.188794	0.825315	-1.21166	0.665447	0.941774	-1.06183	0.0165116	0.667722	-1.49763	0.0583568	0.744557	-1.34308	0.92976	1.01223	1.01223	0.931424	1.01194	1.01194	0.124948	1.25738	1.25738	0.985838	1.00245	1.00245	2.40913	0.725516	0.267691	1
cg07375367	POLR1D;LNX2;POLR1D	0.114999	0.457125	1.17764	1.17764	0.0228905	0.555545	-1.80003	0.0246922	0.561284	-1.78163	0.33773	1.23788	1.23788	0.22161	1.3197	1.3197	0.506985	1.15646	1.15646	0.826488	1.04855	1.04855	0.725606	1.07906	1.07906	0.952476	1.01295	1.01295	2.4091	1.77893	0.656377	1
cg05787556	TLX3	0.115003	0.958729	1.03154	1.03154	0.141618	2.58144	2.58144	0.141402	2.58297	2.58297	0.0650498	3.46608	3.46608	0.995296	1.00354	1.00354	0.470706	1.55319	1.55319	0.996341	0.997253	-1.00276	0.00681924	8.19224	8.19224	0.0938723	3.02044	3.02044	2.40906	13.7377	5.06889	1
cg10986561	MTCH1	0.115003	0.132875	0.8672	-1.15314	0.970325	1.00327	1.00327	0.265728	0.903109	-1.10729	0.0460166	0.817968	-1.22254	0.487166	0.939851	-1.064	0.588775	1.04913	1.04913	0.00694284	0.735691	-1.35927	0.23776	0.897022	-1.1148	0.953424	1.00515	1.00515	2.40906	0.294616	0.108707	1
cg26220298	KCNJ4	0.115004	0.445578	1.19804	1.19804	0.0156781	0.502449	-1.99025	0.368625	1.23933	1.23933	0.0974379	1.52594	1.52594	0.909428	0.973903	-1.0268	0.0762519	1.58145	1.58145	0.438317	1.20165	1.20165	0.955212	1.01314	1.01314	0.44564	0.834721	-1.19801	2.40906	2.0601	0.760132	1
cg26295328	CASC4;CASC4;CASC4;CASC4	0.115007	0.0372513	4.6231	4.6231	0.195599	2.37904	2.37904	0.0740942	3.52672	3.52672	0.420409	1.68412	1.68412	0.106299	3.05516	3.05516	0.218305	2.2704	2.2704	0.0333028	4.83185	4.83185	0.0271746	5.23637	5.23637	0.0876382	3.29977	3.29977	2.40903	15.2984	5.64482	1
cg14591123	VILL	0.115007	0.433374	0.63594	-1.57248	0.952597	0.966901	-1.03423	0.70869	0.808559	-1.23677	0.26016	0.514262	-1.94453	0.278037	0.527991	-1.89397	0.291846	0.538345	-1.85754	0.855669	0.902045	-1.10859	0.648013	0.770861	-1.29725	0.00520607	8.06585	8.06585	2.40903	12.2315	4.51321	1
cg16212219	MYLK;MYLK;MYLK;MYLK;MYLK;MYLK	0.115008	0.0842566	0.430633	-2.32216	0.0120494	0.25131	-3.97915	0.113488	0.467828	-2.13754	0.993324	1.0037	1.0037	0.0672147	0.404645	-2.4713	0.688682	1.1944	1.1944	0.254085	0.591372	-1.69098	?	?	?	0.601993	0.792867	-1.26125	2.43317	6.66447	2.73901	1
cg19747990	EDIL3	0.115008	0.692554	0.700136	-1.42829	0.00336431	0.0279242	-35.8113	0.0781567	0.172814	-5.78657	0.979589	1.02321	1.02321	0.421075	0.478409	-2.09026	0.30202	0.38322	-2.60947	0.411353	0.470706	-2.12447	0.513349	0.551776	-1.81233	0.644222	1.51762	1.51762	2.40902	30.7002	11.3279	1
cg08206665	NRXN2;NRXN2	0.115008	0.0444548	0.13865	-7.21239	0.434111	0.504984	-1.98026	0.663983	0.687855	-1.45379	0.494092	0.551866	-1.81204	?	?	?	0.725573	0.739568	-1.35214	0.00852026	0.0564758	-17.7067	0.347128	2.29043	2.29043	0.752971	1.31033	1.31033	2.43317	25.102	10.3166	1
cg14952312	KIF19	0.115008	0.427661	0.692512	-1.44402	0.0569541	0.376298	-2.65746	0.238624	0.571218	-1.75064	0.266026	0.591059	-1.69188	0.971832	0.984107	-1.01615	0.185169	1.89181	1.89181	0.0370345	3.00018	3.00018	0.214991	1.80796	1.80796	0.416043	0.685814	-1.45812	2.40902	7.85392	2.89797	1
cg01375522	ANKRD36	0.11501	0.179771	1.60085	1.60085	0.368093	1.35706	1.35706	0.211861	1.54394	1.54394	0.353696	0.729684	-1.37046	0.301813	0.702371	-1.42375	0.847016	0.938203	-1.06587	0.0195992	0.394009	-2.53802	0.455814	1.28512	1.28512	0.103533	1.80038	1.80038	2.409	4.16141	1.53551	1
cg25387411	IFRD1;IFRD1	0.115011	0.426174	0.920772	-1.08605	0.0475781	1.25883	1.25883	0.342481	1.10446	1.10446	0.817689	0.976817	-1.02373	0.443886	1.08252	1.08252	0.780507	0.972021	-1.02878	0.938045	1.00793	1.00793	0.00981017	0.717744	-1.39325	0.636922	0.952849	-1.04948	2.40899	0.393717	0.145277	1
cg00509616	GCOM1;GCOM1;GCOM1;GCOM1	0.115011	0.962273	1.01011	1.01011	0.668255	0.912418	-1.09599	0.00841676	2.04517	2.04517	0.392485	1.20472	1.20472	0.249225	0.774109	-1.29181	0.304155	1.2539	1.2539	0.200339	0.750066	-1.33322	0.990939	0.997589	-1.00242	0.141695	1.39925	1.39925	2.40899	1.72456	0.636344	1
cg04598121	PENK;PENK	0.115012	0.227988	1.27138	1.27138	0.0774379	1.45127	1.45127	0.00637956	1.96115	1.96115	0.558762	1.11873	1.11873	0.906531	1.02254	1.02254	0.860002	0.967058	-1.03406	0.238399	0.791115	-1.26404	0.330929	1.20967	1.20967	0.342534	1.20389	1.20389	2.40898	1.37361	0.506848	1
cg03700253	USP40	0.115014	0.0643337	0.340447	-2.93731	0.451963	1.48775	1.48775	0.183022	0.480723	-2.0802	0.377056	0.625063	-1.59984	0.282363	0.560387	-1.78448	0.748125	0.84618	-1.18178	0.00539519	0.149738	-6.67834	0.417123	0.650577	-1.5371	0.213153	0.506787	-1.97322	2.40897	10.2537	3.78354	1
cg00799539	ASCL1	0.115014	0.112816	0.276375	-3.61827	0.105474	0.267728	-3.73513	0.0174231	0.115694	-8.6435	0.102011	0.263551	-3.79433	0.0620932	0.209085	-4.78275	0.393152	0.521136	-1.91888	0.0302085	0.149749	-6.67784	0.116778	0.280932	-3.55958	0.298324	0.447879	-2.23274	2.40897	21.1798	7.81519	1
cg27023654	ZNRD1;NCRNA00171;ZNRD1;ZNRD1	0.11502	0.351301	0.720224	-1.38846	0.360657	1.37921	1.37921	0.0989105	1.85707	1.85707	0.118852	1.78455	1.78455	0.0186699	0.377051	-2.65216	0.763295	0.901825	-1.10886	0.185958	0.618919	-1.61572	0.654159	1.16681	1.16681	0.850938	0.937665	-1.06648	2.40891	4.46575	1.64786	1
cg09340523	ZNF816A	0.11502	0.890735	1.03556	1.03556	0.0209087	2.02701	2.02701	0.118991	1.53752	1.53752	0.605237	0.875853	-1.14174	0.724221	1.09424	1.09424	0.190446	1.42259	1.42259	0.161931	0.684094	-1.46179	0.351471	1.27606	1.27606	0.0419472	1.81472	1.81472	2.4089	2.46573	0.909857	1
cg23549472	RNF165	0.115021	0.0732222	0.315977	-3.16479	0.327231	0.558089	-1.79183	0.478988	1.51443	1.51443	0.486261	0.664994	-1.50377	0.0282334	0.224472	-4.45489	0.378638	0.593991	-1.68353	0.015741	0.181478	-5.51032	0.0877941	0.33736	-2.9642	0.601613	0.738031	-1.35496	2.4089	12.6875	4.68173	1
cg05515866	FARP2	0.115023	0.87646	0.941064	-1.06263	0.110989	0.507641	-1.9699	0.0158276	0.315321	-3.17137	0.291355	0.652128	-1.53344	0.241557	1.61389	1.61389	0.143497	0.541301	-1.8474	0.94179	0.971889	-1.02892	0.332209	1.47787	1.47787	0.264297	1.57509	1.57509	2.40888	5.81651	2.14632	1
cg10994511	ADCY2	0.115023	0.237213	1.83568	1.83568	0.388487	0.652336	-1.53295	0.726626	0.845885	-1.18219	0.0986875	2.50056	2.50056	0.599362	1.28866	1.28866	0.0329949	0.266721	-3.74923	0.0488578	0.309796	-3.22793	0.227219	0.536486	-1.86398	0.64818	1.24541	1.24541	3.06634	10.0814	1.82654	1
cg13263104	NF1;NF1	0.115025	0.287303	0.754978	-1.32454	0.00592369	0.400229	-2.49857	0.23317	0.727593	-1.3744	0.484789	1.19794	1.19794	0.572441	0.864933	-1.15616	0.45651	1.21278	1.21278	0.316771	1.3012	1.3012	0.484865	1.1979	1.1979	0.745971	1.08621	1.08621	2.40886	2.46902	0.91109	1
cg06334737	SCGB2A1;SCGB2A1	0.115027	0.158831	1.46347	1.46347	0.0235912	1.9809	1.9809	0.129137	1.51382	1.51382	0.486249	0.836195	-1.19589	0.0970581	0.630969	-1.58487	0.757049	0.924535	-1.08163	0.0957969	1.58817	1.58817	0.41713	1.23328	1.23328	0.675855	1.11219	1.11219	2.40884	2.43925	0.900112	1
cg03549024	FICD	0.115028	0.927561	1.04304	1.04304	0.0196578	3.69112	3.69112	0.518255	1.35458	1.35458	0.989649	0.994007	-1.00603	0.110833	0.447083	-2.23672	0.210027	0.542197	-1.84435	0.899919	1.06004	1.06004	0.0433843	2.93445	2.93445	0.478847	1.396	1.396	2.40883	8.19174	3.02285	1
cg07834408	DGKD;DGKD	0.115031	0.529637	1.12075	1.12075	0.0505442	1.49025	1.49025	0.772391	0.949401	-1.0533	0.454322	0.872449	-1.1462	0.152593	0.760106	-1.31561	0.482035	0.879915	-1.13647	0.1001	1.38066	1.38066	0.190107	0.780016	-1.28203	0.0596105	0.683453	-1.46316	2.4088	1.22281	0.451238	1
cg27370131	WDR75;WDR75	0.115033	0.525475	0.901487	-1.10928	0.0601663	0.710533	-1.40739	0.0231368	1.54917	1.54917	0.495333	0.8944	-1.11807	0.942093	1.01178	1.01178	0.836752	0.96729	-1.03382	0.0437245	0.688186	-1.4531	0.992597	0.998506	-1.0015	0.489979	1.11967	1.11967	2.40879	0.991236	0.365785	1
cg24576051	ATP10A	0.115033	0.138244	0.659262	-1.51685	0.0148552	2.1863	2.1863	0.128579	0.651296	-1.5354	0.908225	1.03056	1.03056	0.263716	1.35546	1.35546	0.529963	1.18068	1.18068	0.207107	0.706589	-1.41525	0.948602	0.983312	-1.01697	0.44047	1.22797	1.22797	2.40879	2.59977	0.959365	1
cg06752398	ADAMTS7	0.115034	0.0893266	0.62792	-1.59256	0.682193	0.902788	-1.10768	0.223313	0.727729	-1.37414	0.0305949	0.532029	-1.8796	0.0294382	0.528858	-1.89087	0.147432	0.679692	-1.47125	0.935702	0.980158	-1.02024	0.17316	0.69765	-1.43338	0.0261063	0.519079	-1.92649	2.40878	2.35385	0.868621	1
cg19843451	LOC400752	0.115036	0.0473778	4.07095	4.07095	?	?	?	0.539552	1.44364	1.44364	0.0252553	5.32068	5.32068	0.0875825	3.1616	3.1616	0.124775	0.365352	-2.73709	0.64035	1.32001	1.32001	0.442351	1.59081	1.59081	0.667309	1.29053	1.29053	2.77688	12.8955	3.48292	1
cg21658225	EPHB1	0.115037	0.414463	0.598375	-1.67119	0.182201	2.39075	2.39075	0.0978909	3.05813	3.05813	0.156514	2.54215	2.54215	0.0192219	0.174879	-5.71825	0.931304	1.05451	1.05451	0.555855	0.692987	-1.44303	0.640556	1.33574	1.33574	0.252418	0.479049	-2.08747	2.40875	14.4572	5.33508	1
cg15859635	C11orf9	0.115038	0.0345261	0.603988	-1.65566	0.442266	0.851937	-1.1738	0.18953	0.752589	-1.32875	0.69409	1.08421	1.08421	0.0299468	0.593128	-1.68598	0.416017	0.843643	-1.18534	0.0201666	0.563768	-1.77378	0.119277	0.707677	-1.41307	0.234263	0.7749	-1.29049	2.40873	1.59585	0.588912	1
cg00251250	IRF2BP2;IRF2BP2	0.115041	0.00423192	0.0924387	-10.818	0.164224	0.397334	-2.51677	0.162932	0.39606	-2.52487	?	?	?	0.646777	1.33232	1.33232	0.928188	0.945486	-1.05766	0.508518	0.65896	-1.51754	0.470927	0.63376	-1.57789	0.612885	0.728126	-1.37339	2.43286	13.2449	5.44416	1
cg16607685	PCDHA2;PCDHA1;PCDHA3;PCDHA3;PCDHA1	0.115041	0.0885516	3.85267	3.85267	0.110369	3.48694	3.48694	0.334446	2.04337	2.04337	0.354763	1.98061	1.98061	0.547997	1.54713	1.54713	0.0969045	3.69903	3.69903	0.00657248	12.6018	12.6018	0.0665528	4.37925	4.37925	0.185398	2.74046	2.74046	2.40871	19.659	7.25479	1
cg15349696	FOXK2	0.115043	0.879718	0.942206	-1.06134	0.0344138	2.63776	2.63776	0.392611	1.411	1.411	0.829355	1.08856	1.08856	0.0886836	0.477942	-2.0923	0.120456	0.515746	-1.93894	0.327174	1.48832	1.48832	0.154273	1.82124	1.82124	0.208891	0.59407	-1.6833	2.40869	5.89581	2.17575	1
cg06302533	PCDHB18	0.115044	0.326644	1.29827	1.29827	0.350728	1.28092	1.28092	0.44654	1.2214	1.2214	0.901587	0.968615	-1.0324	0.00386135	2.72755	2.72755	0.800781	0.936903	-1.06735	0.200159	0.705507	-1.41742	0.923651	1.02502	1.02502	0.886585	0.963882	-1.03747	2.40868	2.53469	0.935391	1
cg23887746	STX16;STX16;STX16;STX16	0.115046	0.429237	0.735766	-1.35913	0.883155	1.05751	1.05751	0.0185336	2.96184	2.96184	0.308026	1.49363	1.49363	0.449114	0.745805	-1.34083	0.346264	0.691553	-1.44602	0.0793762	0.476881	-2.09696	0.11306	0.519036	-1.92665	0.626269	1.20516	1.20516	2.40866	5.51568	2.0355	1
cg14417711	TRIM3;TRIM3	0.115048	0.356012	0.824553	-1.21278	0.151945	1.366	1.366	0.740781	1.06979	1.06979	0.274468	1.25993	1.25993	0.0155972	0.547421	-1.82675	0.885364	1.02975	1.02975	0.164079	1.35216	1.35216	0.132362	0.718932	-1.39095	0.760038	0.939649	-1.06423	2.40865	1.57509	0.581274	1
cg01493617	HGS;ARL16;ARL16	0.115048	0.221439	1.16312	1.16312	0.181409	1.18153	1.18153	0.739205	1.04006	1.04006	0.54034	1.0756	1.0756	0.15505	1.19592	1.19592	0.35254	0.893617	-1.11905	0.0145896	0.702115	-1.42427	0.202498	0.85368	-1.1714	0.778309	1.03374	1.03374	2.40864	0.527336	0.194609	1
cg00635343	LOC642597	0.115052	0.967	0.97681	-1.02374	0.783906	0.855638	-1.16872	0.617107	0.751352	-1.33093	0.223898	0.484478	-2.06408	0.0228803	0.2135	-4.68384	0.0263704	0.224567	-4.45302	0.0389337	0.257749	-3.87974	0.159998	0.426794	-2.34305	0.0756525	0.325785	-3.06951	2.4086	12.2709	4.52853	1
cg07218357	A2LD1	0.115052	0.0326941	0.620916	-1.61052	0.0268561	0.606539	-1.6487	0.201269	0.773094	-1.2935	0.273131	0.804541	-1.24295	0.0234473	0.596772	-1.67568	0.0810281	0.691502	-1.44613	0.940332	0.985826	-1.01438	0.881236	0.971894	-1.02892	0.279514	0.807038	-1.2391	2.4086	1.3871	0.511907	1
cg01104131	RBMXL3;LRCH2	0.115054	0.931408	1.02704	1.02704	0.217524	0.668912	-1.49496	0.038398	0.475408	-2.10346	0.839125	0.93894	-1.06503	0.052949	0.505744	-1.97729	0.370995	1.32939	1.32939	0.0429338	2.05871	2.05871	0.54805	0.828285	-1.20731	0.70533	0.888921	-1.12496	2.40859	3.66467	1.35245	1
cg05477027	DMWD	0.115055	0.301461	0.879723	-1.13672	0.092124	1.24848	1.24848	0.0460722	1.31471	1.31471	0.408343	1.10653	1.10653	0.750671	1.0389	1.0389	0.968168	0.995235	-1.00479	0.233896	1.16111	1.16111	0.0621794	1.28573	1.28573	0.0214595	1.39197	1.39197	2.40858	0.546567	0.201711	1
cg25420028	CTSO	0.115056	0.329714	1.23064	1.23064	0.131007	0.714318	-1.39994	0.158324	0.732597	-1.36501	0.813129	0.952315	-1.05007	0.168927	1.35312	1.35312	0.306255	1.24428	1.24428	0.0452678	0.622579	-1.60622	0.0944303	0.684327	-1.46129	0.353908	1.21749	1.21749	2.40857	1.62388	0.599296	1
cg18327107	CDC42;CDC42;CDC42	0.115059	0.143421	1.50744	1.50744	0.633542	0.882168	-1.13357	0.149722	1.49653	1.49653	0.833708	0.9466	-1.05641	0.42082	1.23946	1.23946	0.860161	0.955014	-1.0471	0.00682054	0.40056	-2.4965	0.827482	1.05863	1.05863	0.692944	1.10915	1.10915	2.40855	2.59917	0.959241	1
cg02979120	C16orf70	0.11506	0.147043	1.59801	1.59801	0.0543175	1.93049	1.93049	0.493692	1.23291	1.23291	0.480697	1.24101	1.24101	0.119874	1.66244	1.66244	0.305255	1.37684	1.37684	0.0462635	0.502684	-1.98932	0.193019	1.51432	1.51432	0.323701	0.735627	-1.35939	2.40853	3.46132	1.27743	1
cg04354126	ACOT7;ACOT7;ACOT7;ACOT7	0.115062	0.378172	0.796467	-1.25554	0.347372	1.27574	1.27574	0.0480694	0.566273	-1.76593	0.221813	0.723842	-1.38152	0.330016	0.776475	-1.28787	0.0153	0.472651	-2.11572	0.130413	0.662907	-1.50851	0.302329	0.764198	-1.30856	0.0594121	0.58534	-1.70841	2.40852	2.41629	0.891757	1
cg10458080	ACAD10;ACAD10	0.115063	0.0251959	0.215826	-4.63337	0.317114	0.551192	-1.81425	0.0994976	0.353466	-2.82913	0.670965	0.781815	-1.27907	0.0178919	0.190587	-5.24696	0.145254	0.406206	-2.4618	0.0408017	0.256635	-3.89659	0.900216	0.930294	-1.07493	0.276329	0.520888	-1.9198	2.40851	12.6554	4.67064	1
cg25964180	CETN1	0.115066	0.190479	0.698993	-1.43063	0.965414	0.988862	-1.01126	0.0562519	1.74794	1.74794	0.805666	0.938314	-1.06574	0.34487	0.77778	-1.28571	0.402542	0.801484	-1.24769	0.0158818	2.14464	2.14464	0.593318	1.1494	1.1494	0.322715	0.768084	-1.30194	2.40848	2.54515	0.939329	1
cg13085338	CENPF	0.115069	0.384535	1.55879	1.55879	0.982159	1.0112	1.0112	0.744584	0.849793	-1.17676	0.0515902	0.331828	-3.01361	0.20175	0.511114	-1.95651	0.111388	0.421732	-2.37117	0.264345	1.7847	1.7847	0.114776	2.34881	2.34881	0.093769	2.50316	2.50316	2.40845	9.45581	3.48987	1
cg25043279	C7orf33	0.115071	0.198256	1.85533	1.85533	0.618115	1.25666	1.25666	0.439132	0.698597	-1.43144	0.190415	1.87816	1.87816	0.882803	1.06935	1.06935	0.165394	1.95922	1.95922	0.0190282	3.63432	3.63432	0.0542224	2.69953	2.69953	0.0344681	3.06804	3.06804	2.40843	7.88139	2.90882	1
cg14209133	PCDHGA4;PCDHGA1;PCDHGA6;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA6;PCDHGA2;PCDHGB2;PCDHGB3	0.115075	0.0213444	2.53189	2.53189	0.285218	1.45173	1.45173	0.181511	1.61013	1.61013	0.226013	1.53256	1.53256	0.0506315	2.11268	2.11268	0.991242	0.996321	-1.00369	0.0883406	1.88035	1.88035	0.0251995	2.44467	2.44467	0.131275	1.72829	1.72829	2.40839	4.30157	1.58762	1
cg13770865	SGPL1	0.115077	0.0999288	0.634255	-1.57665	0.138257	0.66827	-1.4964	0.00583335	0.401836	-2.48858	0.627895	0.883951	-1.13128	0.863301	0.957411	-1.04448	0.324408	1.29307	1.29307	0.172867	0.693262	-1.44246	0.476789	0.833013	-1.20046	0.901664	0.969263	-1.03171	2.40837	2.43293	0.897952	1
cg25465641	DENND3	0.115085	0.537927	0.711044	-1.40638	0.221304	0.495104	-2.01978	0.774517	0.854658	-1.17006	0.69283	1.24246	1.24246	0.0035804	0.115635	-8.64794	0.131535	0.410581	-2.43557	0.575741	1.36227	1.36227	0.737616	0.832063	-1.20183	0.302558	0.557681	-1.79314	2.4083	11.4039	4.20913	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ch.17.1184801F	NMT1	0.115087	0.523618	0.810591	-1.23367	0.625331	0.852242	-1.17338	0.173604	0.624779	-1.60057	0.0751371	0.525281	-1.90374	0.0197078	0.40048	-2.497	0.213554	0.653425	-1.5304	0.0320596	0.442238	-2.26122	0.0649869	0.510068	-1.96052	0.0575817	0.497752	-2.00903	2.40828	4.02589	1.48594	1
cg00226225	LOC728264	0.115088	0.585919	0.863296	-1.15835	0.940981	0.980407	-1.01998	0.0903976	0.607365	-1.64646	0.0185312	0.466214	-2.14494	0.0477832	0.546184	-1.83089	0.310514	1.32368	1.32368	0.148493	0.660902	-1.51308	0.498299	1.20167	1.20167	0.257721	0.729337	-1.37111	2.40827	2.72376	1.00534	1
cg23090824	PDE7B;PDE7B	0.115091	0.0825378	0.224722	-4.44994	0.0456777	0.168844	-5.92262	0.0429618	0.163927	-6.10027	0.11227	0.261225	-3.82812	0.11601	0.265483	-3.76672	0.316921	0.447885	-2.23272	0.0265896	0.129971	-7.69402	0.074604	0.213966	-4.67365	0.128932	0.279753	-3.57459	2.40825	22.9886	8.48515	1
cg27624753	CRAMP1L	0.115091	0.415619	0.744488	-1.3432	0.0353423	2.38462	2.38462	0.603082	1.20446	1.20446	0.675443	1.16105	1.16105	0.15946	0.586755	-1.70429	0.525585	1.25621	1.25621	0.106577	0.535334	-1.86799	0.0699714	2.05135	2.05135	0.268641	0.664601	-1.50466	2.40824	4.79638	1.77036	1
cg16919569	NBLA00301;HAND2	0.115097	0.373121	2.92894	2.92894	0.232525	0.229581	-4.35577	0.475368	2.34696	2.34696	0.104239	8.06518	8.06518	0.764863	0.702888	-1.4227	0.81679	0.761276	-1.31358	0.111242	0.130141	-7.68395	0.0127421	38.0026	38.0026	0.715838	1.53679	1.53679	2.40819	52.6887	19.448	1
cg05457514	DBNDD2;DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2;DBNDD2	0.115098	0.239322	1.34242	1.34242	0.0159424	2.02444	2.02444	0.0224296	1.92247	1.92247	0.743937	1.08148	1.08148	0.313329	1.28302	1.28302	0.884345	1.0354	1.0354	0.942691	0.982965	-1.01733	0.236274	0.743359	-1.34524	0.197963	1.38427	1.38427	2.40818	2.17818	0.803994	1
cg20613151	TRIM25	0.115099	0.0229815	0.43706	-2.28801	0.738794	0.903173	-1.10721	0.496146	0.810348	-1.23404	0.123906	0.602251	-1.66044	0.0145473	0.400133	-2.49917	0.533923	0.82554	-1.21133	0.0307094	0.461888	-2.16503	0.392238	0.76587	-1.3057	0.365625	0.753612	-1.32694	2.40817	3.53224	1.3038	1
cg10561103	ADAMTS16	0.115101	0.267496	1.23439	1.23439	0.228231	1.25929	1.25929	0.247874	1.24636	1.24636	0.586542	1.10529	1.10529	0.139872	1.33586	1.33586	0.364867	0.843888	-1.18499	0.00800192	1.85814	1.85814	0.529106	0.890265	-1.12326	0.387803	0.850982	-1.17511	2.40815	1.26749	0.467853	1
cg07301574	ABCA3	0.115102	0.0559933	1.28765	1.28765	0.0220703	0.72571	-1.37796	0.820171	0.973759	-1.02695	0.284791	1.13855	1.13855	0.740642	1.03956	1.03956	0.48099	0.919746	-1.08726	0.8386	0.976463	-1.0241	0.619788	1.06015	1.06015	0.0706332	0.789829	-1.2661	2.40814	0.520192	0.192012	1
cg08038982	FBRSL1	0.115103	0.328057	0.709457	-1.40953	0.013052	0.350969	-2.84926	0.195869	0.628093	-1.59212	0.641194	1.17302	1.17302	0.223982	0.64768	-1.54397	0.502666	1.26024	1.26024	0.266604	0.674657	-1.48224	0.200901	0.631726	-1.58297	0.124402	1.76064	1.76064	2.40813	4.40922	1.62753	1
cg04686994	DIMT1L	0.115104	0.628735	0.936771	-1.0675	0.0699191	1.31218	1.31218	0.159912	1.223	1.223	0.11279	0.793414	-1.26038	0.376985	0.88556	-1.12923	0.156808	0.816261	-1.2251	0.449185	0.901777	-1.10892	0.125383	0.800623	-1.24903	0.141701	1.23593	1.23593	2.40812	0.685457	0.253017	1
cg22816857	ELAVL3;ELAVL3	0.115105	0.272952	1.58977	1.58977	0.0275553	2.88291	2.88291	0.100454	2.07745	2.07745	0.0814179	2.19193	2.19193	0.625002	0.81861	-1.22158	0.476705	0.745282	-1.34177	0.198123	1.73783	1.73783	0.0308519	2.80138	2.80138	0.269837	1.59497	1.59497	2.40812	6.29621	2.32407	1
cg22143387	LMAN2	0.115106	0.624577	0.925376	-1.08064	0.238796	1.21409	1.21409	0.0232342	0.652737	-1.53201	0.270979	0.835094	-1.19747	0.0846049	0.740867	-1.34977	0.59116	1.08901	1.08901	0.0733261	1.36889	1.36889	0.964526	0.993031	-1.00702	0.461826	0.888884	-1.12501	2.4081	0.943001	0.348084	1
cg26262049	MRVI1;MRVI1;MRVI1;MRVI1	0.115109	0.366212	0.635273	-1.57413	0.313403	1.66459	1.66459	0.133271	0.453151	-2.20677	0.066832	0.366338	-2.72972	0.0282672	0.282018	-3.54588	0.89191	0.935712	-1.0687	0.373146	1.56334	1.56334	0.125521	2.24859	2.24859	0.693064	0.823758	-1.21395	2.40808	9.10957	3.3626	1
cg01678317	VPS13C;VPS13C;VPS13C;VPS13C	0.115111	0.257127	0.797856	-1.25336	0.400969	1.1784	1.1784	0.841921	0.962589	-1.03886	0.476476	1.14825	1.14825	0.0249711	0.600877	-1.66423	0.817106	1.04523	1.04523	0.125884	1.37195	1.37195	0.0974967	0.706663	-1.4151	0.0935202	0.703134	-1.4222	2.40806	1.39052	0.513283	1
cg18759850	SLC4A7	0.115111	0.0919302	0.369411	-2.70701	0.154214	0.441019	-2.26748	0.0855006	0.360495	-2.77397	0.987954	1.00814	1.00814	0.0119564	0.185767	-5.3831	0.537659	0.715354	-1.39791	0.191127	0.47572	-2.10208	0.219281	2.00052	2.00052	0.493925	0.688753	-1.4519	2.40805	10.9875	4.05582	1
cg04808059	TOX2;TOX2;TOX2	0.115112	0.850624	0.957963	-1.04388	0.107421	0.670144	-1.49222	0.644162	0.899468	-1.11177	0.00655007	0.447273	-2.23577	0.258362	0.764406	-1.30821	0.126565	0.686273	-1.45715	0.115367	0.677095	-1.4769	0.729701	1.08222	1.08222	0.543894	1.15021	1.15021	2.40805	1.97909	0.730545	1
cg02007933	SPATA2L	0.115119	0.452806	0.806442	-1.24002	0.203074	1.45926	1.45926	0.90106	0.965621	-1.0356	0.0874531	0.588206	-1.70009	0.0317722	0.492648	-2.02985	0.344238	0.760305	-1.31526	0.860824	1.0506	1.0506	0.709932	1.11081	1.11081	0.0473268	1.89319	1.89319	2.40799	3.01722	1.11378	1
cg12666530	PIGN;PIGN	0.11512	0.138593	0.436671	-2.29006	0.0158458	0.215292	-4.64486	0.0256554	0.252207	-3.965	0.283581	0.560479	-1.78419	0.436895	0.662217	-1.51008	0.078942	0.362832	-2.75609	0.0570891	0.326693	-3.06098	0.95875	0.973478	-1.02724	0.321631	0.58736	-1.70253	2.40797	10.2997	3.80209	1
cg11198589	ZNF362	0.115122	0.173374	0.467176	-2.14052	0.1079	0.397877	-2.51334	0.681641	1.24197	1.24197	0.0274493	0.25403	-3.93654	0.100037	0.388	-2.57732	0.0742788	0.351741	-2.843	0.0507928	0.310654	-3.21901	0.56976	1.35228	1.35228	0.176882	0.470426	-2.12573	2.40795	10.5257	3.88553	1
cg23221651	SRRM3	0.115124	0.0127225	1.79003	1.79003	0.115465	0.724828	-1.37964	0.348342	0.833952	-1.19911	0.373206	1.18758	1.18758	0.549366	1.12067	1.12067	0.962835	0.991275	-1.0088	0.10396	0.715811	-1.39702	0.75498	1.06064	1.06064	0.52426	0.885713	-1.12903	2.40794	1.3488	0.497907	1
cg04455869	ADCY2	0.115124	0.440001	0.836314	-1.19572	0.82938	1.0502	1.0502	0.501856	0.856663	-1.16732	0.288068	1.28447	1.28447	0.0714473	1.57923	1.57923	0.0670136	1.5936	1.5936	0.0276129	1.80614	1.80614	0.0505787	1.65813	1.65813	0.853753	0.958982	-1.04277	2.40793	1.96477	0.725296	1
cg15579971	COL5A3	0.115125	0.340924	0.742861	-1.34615	0.0636196	1.89722	1.89722	0.0973602	1.74453	1.74453	0.182808	0.65042	-1.53747	0.875172	1.04855	1.04855	0.751888	0.908761	-1.1004	0.163845	1.57218	1.57218	0.0432745	0.488428	-2.04738	0.811891	0.930623	-1.07455	2.55119	3.59551	1.09616	1
cg22466784	PDGFA;PDGFA	0.115126	0.790073	1.0591	1.0591	0.410076	1.19875	1.19875	0.225632	0.760469	-1.31498	0.138175	0.70928	-1.40988	0.00754693	2.09529	2.09529	0.349251	1.23041	1.23041	0.644246	1.10524	1.10524	0.28414	1.27053	1.27053	0.813038	0.950295	-1.0523	2.40791	1.76586	0.651872	1
cg07857792	KCNN1	0.115127	0.0161836	0.286709	-3.48785	0.513314	1.32516	1.32516	0.042574	0.370989	-2.69549	0.906212	1.05133	1.05133	0.0700588	0.423112	-2.36344	0.150351	0.519579	-1.92463	0.427446	0.708867	-1.4107	0.0947098	0.458422	-2.1814	0.564225	0.780717	-1.28087	2.40791	6.87787	2.539	1
cg26207423	HMBOX1;HMBOX1	0.115129	0.269961	0.618831	-1.61595	0.0203751	0.310991	-3.21553	0.0571391	0.406909	-2.45755	0.506709	0.754686	-1.32505	0.189518	0.559545	-1.78717	0.364351	0.677434	-1.47616	0.0403947	0.371894	-2.68894	0.216741	1.72122	1.72122	0.75799	0.878864	-1.13783	2.40789	6.65665	2.45735	1
cg10322744	TMPO;TMPO;TMPO;LOC100128191	0.11513	?	?	?	0.587598	1.36486	1.36486	0.0302755	0.176095	-5.67874	0.44868	1.55765	1.55765	0.393694	0.603863	-1.656	?	?	?	0.467676	1.52722	1.52722	0.0365239	0.195352	-5.11896	0.278161	0.515647	-1.93931	3.63004	12.2972	1.93579	1
cg03113916	AIG1	0.115131	0.253406	0.550584	-1.81625	0.139069	0.450864	-2.21796	0.0328462	0.286815	-3.48657	0.0535506	0.333896	-2.99495	0.0191243	0.24202	-4.13189	0.40094	0.650414	-1.53748	0.105905	0.413293	-2.41959	0.469166	0.691806	-1.44549	0.0516464	0.330161	-3.02883	2.40788	9.54592	3.52396	1
cg25614889	NUDC	0.115131	0.253336	0.693442	-1.44208	0.525281	0.820755	-1.21839	0.0595008	1.92073	1.92073	0.567964	0.837679	-1.19377	0.251203	0.692197	-1.44468	0.711635	0.892312	-1.12068	0.00885829	0.359745	-2.77974	0.315656	0.727331	-1.37489	0.967378	1.01263	1.01263	2.40788	3.59109	1.32568	1
cg20659584	BRD9;BRD9;BRD9	0.115131	0.802818	0.943926	-1.0594	0.733595	1.08198	1.08198	0.757937	0.931182	-1.0739	0.558146	1.14636	1.14636	0.831161	1.05048	1.05048	0.119768	0.677516	-1.47598	0.00638611	2.26726	2.26726	0.819342	1.05418	1.05418	0.161784	0.708511	-1.41141	2.40787	2.02875	0.748934	1
cg17161419	ROBO3	0.115132	0.168969	3.10562	3.10562	0.038469	6.38624	6.38624	0.245002	2.56083	2.56083	0.26069	0.403696	-2.47711	0.920918	1.07981	1.07981	0.286123	2.35503	2.35503	0.222239	0.370872	-2.69634	0.0531992	5.46548	5.46548	0.0988979	4.05131	4.05131	2.40786	22.8007	8.41715	1
cg10368641	PABPN1L	0.115136	0.459311	0.796172	-1.25601	0.0369069	0.480354	-2.0818	0.135508	0.614634	-1.62698	0.758579	1.09775	1.09775	0.365452	0.75479	-1.32487	0.132861	0.61228	-1.63324	0.00965523	0.371276	-2.69341	0.0893045	0.567338	-1.76262	0.788701	0.921952	-1.08466	2.40782	3.4902	1.28846	1
cg03864215	KCNJ11;KCNJ11;KCNJ11	0.115138	0.75838	1.1662	1.1662	0.0230526	3.87408	3.87408	0.113749	2.35719	2.35719	0.195228	1.97916	1.97916	0.0944464	0.400089	-2.49944	0.415856	0.660739	-1.51346	0.147788	2.16801	2.16801	0.344113	1.62518	1.62518	0.6264	0.783126	-1.27693	2.40781	9.46918	3.49573	1
cg13593391	OPCML;OPCML	0.115138	0.471767	1.56144	1.56144	0.682111	1.28493	1.28493	0.282996	0.507074	-1.9721	0.62262	1.35253	1.35253	0.0334316	0.220262	-4.54005	0.103411	0.338135	-2.9574	0.817911	1.15073	1.15073	0.0142089	0.158584	-6.30579	0.93518	0.951688	-1.05076	2.4078	14.1325	5.2173	1
cg00494066	FBXL3	0.115139	0.673382	0.919516	-1.08753	0.300437	1.2366	1.2366	0.362247	1.20363	1.20363	0.906653	0.977051	-1.02349	0.0624071	1.51452	1.51452	0.788074	1.05477	1.05477	0.00877251	0.516517	-1.93604	0.631059	1.1005	1.1005	0.610392	0.9033	-1.10705	2.4078	1.49375	0.551447	1
cg24897141	NRG2;NRG2;NRG2;NRG2	0.115139	0.185856	2.09402	2.09402	0.0377135	3.56068	3.56068	0.666132	1.25699	1.25699	0.204779	0.494109	-2.02385	0.396984	0.633182	-1.57933	0.600885	1.32064	1.32064	0.787743	1.1528	1.1528	0.174302	0.466997	-2.14134	0.0330361	3.71873	3.71873	2.4078	10.5869	3.90837	1
cg11545230	FARS2	0.11514	0.617106	0.810552	-1.23373	0.0214778	0.316296	-3.16159	0.193139	0.563347	-1.77511	0.337099	1.51043	1.51043	0.0131154	0.277504	-3.60355	0.957767	1.02231	1.02231	0.639278	0.821424	-1.2174	0.600003	1.24669	1.24669	0.425989	0.712673	-1.40317	2.40779	6.62154	2.44449	1
cg01906922	ALDH6A1;LIN52	0.115141	0.328411	1.26954	1.26954	0.323737	1.27268	1.27268	0.250107	1.32889	1.32889	0.0559076	0.599069	-1.66926	0.0995432	1.5328	1.5328	0.102211	0.654984	-1.52675	0.202447	1.37489	1.37489	0.223713	1.35314	1.35314	0.228182	1.34884	1.34884	2.40778	2.13448	0.787995	1
cg09033376	ASPRV1	0.115143	0.0506316	4.16074	4.16074	0.168302	2.55939	2.55939	0.579952	0.699183	-1.43024	0.114591	2.99959	2.99959	0.127893	0.348675	-2.868	0.586514	1.42125	1.42125	0.0818071	3.43653	3.43653	0.149957	2.68575	2.68575	0.0932138	3.261	3.261	2.40776	15.6247	5.7683	1
cg04423622	KIF17;KIF17	0.115146	0.0777756	0.396294	-2.52338	0.253066	0.569103	-1.75715	0.575483	1.30626	1.30626	0.725248	0.846517	-1.18131	0.37938	1.53087	1.53087	0.0264434	3.46503	3.46503	0.244216	1.77767	1.77767	0.102116	0.429623	-2.32762	0.658999	1.23332	1.23332	2.40773	8.50311	3.13919	1
cg10575236	REPS2;REPS2	0.115146	0.0223194	0.0373236	-26.7927	0.979792	0.970882	-1.02999	0.582696	1.91247	1.91247	0.217407	4.59925	4.59925	0.517649	0.464456	-2.15306	0.0136223	0.0251086	-39.827	0.506399	0.454616	-2.19966	0.98738	1.01862	1.01862	0.592969	0.532374	-1.87838	2.55097	53.8373	16.4147	1
cg25397076	RBP7;RBP7	0.115146	0.759349	0.617171	-1.6203	0.386425	4.03316	4.03316	0.210297	7.95275	7.95275	0.597407	2.30974	2.30974	0.406842	0.263748	-3.7915	0.197407	8.50089	8.50089	0.0155942	105.392	105.392	0.0163335	100.613	100.613	0.729617	1.72458	1.72458	2.40773	94.076	34.7311	1
cg10837843	DUSP1	0.115147	0.540941	0.710732	-1.407	0.0127221	0.181227	-5.51795	0.739466	0.831832	-1.20217	0.67023	0.789531	-1.26658	0.283338	0.540668	-1.84956	0.749942	0.838277	-1.19292	0.0281731	4.17869	4.17869	0.311645	0.56132	-1.78151	0.912475	0.941144	-1.06254	2.40772	11.6061	4.28476	1
cg18151487	SFXN2;ARL3	0.115149	0.0323162	0.31897	-3.13509	0.39909	0.674644	-1.48226	0.546676	1.3206	1.3206	0.181479	0.523779	-1.9092	0.113075	0.455566	-2.19507	0.270575	0.592759	-1.68703	0.0136548	0.248904	-4.01762	0.221252	0.55644	-1.79714	0.0946195	0.432759	-2.31076	2.40771	7.9256	2.92601	1
cg04132007	KIAA1688	0.11515	0.374448	0.843303	-1.18581	0.543251	1.12191	1.12191	0.231001	1.26477	1.26477	0.151963	1.33232	1.33232	0.194971	0.773927	-1.29211	0.525169	1.12792	1.12792	0.030133	0.620817	-1.61078	0.59719	0.905111	-1.10484	0.0541442	0.664585	-1.5047	2.4077	1.33269	0.492012	1
cg00040588	MXRA8	0.11515	0.0589653	0.369493	-2.70641	0.433433	0.688543	-1.45234	0.27363	0.587513	-1.70209	0.124389	0.459904	-2.17437	0.0106751	0.223486	-4.47455	0.184254	0.518125	-1.93004	0.0340115	0.31498	-3.1748	0.146841	0.483401	-2.06867	0.15976	0.495931	-2.01641	2.40769	8.31105	3.06833	1
cg11227872	CSF3R;CSF3R;CSF3R;CSF3R	0.115154	0.549893	0.674454	-1.48268	0.935254	0.94848	-1.05432	0.0764681	0.277209	-3.60739	0.926561	1.06186	1.06186	0.00781366	0.108297	-9.23387	0.486982	0.631417	-1.58374	0.0227443	0.169506	-5.89951	0.535445	0.664602	-1.50466	0.577987	0.693592	-1.44177	2.40766	16.1614	5.96668	1
cg10442750	G3BP1;G3BP1	0.115155	0.593823	1.0613	1.0613	0.834273	0.97711	-1.02343	0.0102562	1.42993	1.42993	0.160355	1.1803	1.1803	0.567115	1.06603	1.06603	0.212275	0.864839	-1.15629	0.914979	0.988266	-1.01187	0.125844	1.2009	1.2009	0.224362	0.86843	-1.1515	2.40765	0.465821	0.171978	1
cg19747632	GNB5;GNB5	0.115156	0.0607622	0.689109	-1.45115	0.330943	0.838034	-1.19327	0.155454	0.765106	-1.30701	0.404409	0.860473	-1.16215	0.830138	1.03857	1.03857	0.0661543	1.43769	1.43769	0.0226709	0.618431	-1.617	0.5135	0.889838	-1.1238	0.946058	1.01199	1.01199	2.40764	1.18307	0.436782	1
cg18310007	EME1;MRPL27;EME1	0.115162	0.236278	1.28912	1.28912	0.0533289	1.56704	1.56704	0.0477278	1.58929	1.58929	0.101509	1.44325	1.44325	0.856918	0.963741	-1.03762	0.539315	1.13562	1.13562	0.047295	0.628482	-1.59114	0.852987	1.03869	1.03869	0.603655	1.11313	1.11313	2.40758	1.5968	0.589546	1
cg07835293	RGS4;RGS4;RGS4;RGS4	0.115164	0.119072	1.65468	1.65468	0.736555	1.10574	1.10574	0.0337896	2.0915	2.0915	0.05598	1.90502	1.90502	0.0102047	2.62277	2.62277	0.230327	1.45447	1.45447	0.589755	1.17592	1.17592	0.998596	0.999476	-1.00052	0.830797	1.06578	1.06578	2.40757	3.37931	1.24766	1
cg11617147	ATXN7L1;ATXN7L1	0.115165	0.584498	1.25079	1.25079	0.376836	0.692471	-1.4441	0.00491566	4.5267	4.5267	0.911519	1.04608	1.04608	0.567936	0.791431	-1.26353	0.483575	1.33444	1.33444	0.281749	1.57352	1.57352	0.986617	0.993226	-1.00682	0.0843929	2.16756	2.16756	2.40756	6.26151	2.3118	1
cg17383421	SUCNR1	0.115167	0.946918	1.01021	1.01021	0.0450289	1.42053	1.42053	0.167224	1.25195	1.25195	0.0216757	1.52302	1.52302	0.0570258	1.38908	1.38908	0.502883	0.901436	-1.10934	0.380338	0.871678	-1.14721	0.671062	1.06737	1.06737	0.74688	0.951778	-1.05066	2.40753	0.8881	0.327897	1
cg22516162	GOLGA3	0.115168	0.953632	1.02128	1.02128	0.0246555	2.63485	2.63485	0.414271	1.35282	1.35282	0.222632	1.59052	1.59052	0.168224	0.587592	-1.70186	0.0636446	0.469999	-2.12766	0.937402	0.971959	-1.02885	0.230695	1.57663	1.57663	0.366601	0.714724	-1.39914	2.40753	4.99942	1.84584	1
cg22613969	KRTAP10-2;C21orf29	0.115171	0.403711	1.14382	1.14382	0.143732	1.28023	1.28023	0.268993	1.19847	1.19847	0.594274	1.08823	1.08823	0.640578	0.928719	-1.07675	0.00977668	1.67158	1.67158	0.0991674	0.752562	-1.32879	0.560379	0.911563	-1.09702	0.847589	0.970193	-1.03072	2.4075	0.943007	0.348174	1
cg18193916	TRAPPC9;TRAPPC9	0.115172	0.22856	1.45696	1.45696	0.0306173	2.13076	2.13076	0.516189	1.21659	1.21659	0.0255035	2.20454	2.20454	0.896442	1.03954	1.03954	0.222165	1.46536	1.46536	0.575397	0.8449	-1.18357	0.0219415	2.26748	2.26748	0.503831	1.22388	1.22388	2.40749	3.38188	1.24865	1
cg11947981	ITGA4	0.115178	0.331744	0.835175	-1.19735	0.974164	1.00584	1.00584	0.017552	1.68173	1.68173	0.434982	0.866519	-1.15404	0.0858361	1.407	1.407	0.159402	0.763028	-1.31057	0.369671	0.847293	-1.18023	0.273919	0.81483	-1.22725	0.576626	1.10678	1.10678	2.40744	1.23351	0.455445	1
cg26745540	NPY1R	0.115179	0.5961	1.11259	1.11259	0.865019	0.966634	-1.03452	0.249317	0.786504	-1.27145	0.943228	0.985895	-1.01431	0.00299491	0.443958	-2.25246	0.860952	1.03559	1.03559	0.719351	0.930559	-1.07462	0.470139	1.15784	1.15784	0.680932	1.08596	1.08596	2.40742	1.51686	0.560068	1
cg24809958	KLHL21	0.11518	0.649607	1.06436	1.06436	0.584962	1.07812	1.07812	0.530897	1.09043	1.09043	0.839339	0.972694	-1.02807	0.0667225	1.32362	1.32362	0.0548424	0.743047	-1.34581	0.0745026	0.762624	-1.31126	0.0678059	1.32181	1.32181	0.485769	1.10142	1.10142	2.40742	0.709195	0.261856	1
cg12624080	NEIL3	0.115182	0.110115	0.32315	-3.09454	0.191504	2.4286	2.4286	0.519831	1.50991	1.50991	0.328586	0.526756	-1.89841	0.326141	0.524898	-1.90513	?	?	?	0.48033	0.635361	-1.57391	0.219564	2.28491	2.28491	0.0252774	5.95767	5.95767	2.77505	14.6962	3.97187	1
cg18713088	NR4A1;NR4A1	0.115182	0.0219831	0.273304	-3.65893	0.164454	0.496459	-2.01426	0.137856	0.470332	-2.12616	0.220834	0.544643	-1.83607	0.0267798	0.289771	-3.451	0.0906571	0.414771	-2.41097	0.0408944	0.328213	-3.0468	0.479803	0.712399	-1.40371	0.125668	0.457323	-2.18664	2.4074	8.49758	3.13758	1
cg03614193	ST8SIA3	0.115182	0.929242	1.01372	1.01372	0.81504	1.03661	1.03661	0.594445	1.08595	1.08595	0.660614	0.934452	-1.07015	0.0159509	0.635846	-1.57271	0.0762382	0.738837	-1.35348	0.0787127	1.34934	1.34934	0.29087	1.18315	1.18315	0.646497	1.07343	1.07343	2.4074	0.897688	0.331456	1
cg07822788	NOTCH4	0.115183	0.29169	0.630451	-1.58617	0.107792	0.477136	-2.09584	0.0112882	0.262363	-3.81152	0.390018	0.689765	-1.44977	0.0549082	0.399357	-2.50402	0.496644	0.747501	-1.33779	0.113639	0.483926	-2.06643	0.0322819	0.347461	-2.87802	0.201846	0.566512	-1.76519	2.40739	6.77872	2.50293	1
cg23039227	CCDC8	0.115184	0.984519	0.994966	-1.00506	0.630085	0.881416	-1.13454	0.0248062	0.499093	-2.00364	0.744734	0.91853	-1.0887	0.300045	0.756275	-1.32227	0.402294	0.800147	-1.24977	0.0167009	2.13822	2.13822	0.640981	0.885005	-1.12994	0.311952	0.761791	-1.3127	2.40738	2.57969	0.952512	1
cg26146731	TRIM26	0.115188	0.00869656	0.472035	-2.11849	0.772075	1.06738	1.06738	0.11806	1.46377	1.46377	0.917013	0.976872	-1.02368	0.874496	1.03613	1.03613	0.208398	1.34683	1.34683	0.213372	1.34203	1.34203	0.980661	1.00546	1.00546	0.340436	1.24678	1.24678	2.40734	1.92178	0.709601	1
cg01539854	KCNH2;KCNH2	0.115189	0.79028	1.08938	1.08938	0.664759	0.869324	-1.15032	0.317254	0.717447	-1.39383	0.672553	0.872372	-1.1463	0.0744223	1.89346	1.89346	0.0207769	2.44477	2.44477	0.0314859	2.24842	2.24842	0.426781	1.29774	1.29774	0.700993	0.883451	-1.13192	2.40733	3.93314	1.45228	1
cg12820916	SLC10A7;SLC10A7	0.115189	0.992775	1.00288	1.00288	0.00784559	0.338172	-2.95708	0.411581	1.30579	1.30579	0.151654	0.613756	-1.62931	0.266001	1.44532	1.44532	0.706091	1.12794	1.12794	0.458507	1.2711	1.2711	0.298277	0.709903	-1.40864	0.27449	0.696747	-1.43524	2.40733	3.85033	1.42171	1
cg15889061	CFL2;CFL2;CFL2;CFL2	0.115191	0.773971	0.89086	-1.12251	0.174908	1.78442	1.78442	0.190489	1.74442	1.74442	0.180084	1.77069	1.77069	0.0464799	0.400415	-2.49741	0.391069	1.42291	1.42291	0.32257	1.50698	1.50698	0.0292193	2.80441	2.80441	0.219563	1.67893	1.67893	2.40732	6.14175	2.26781	1
cg06277638	MIR570	0.115191	0.0295073	0.476637	-2.09803	0.530493	1.20165	1.20165	0.164745	0.651495	-1.53493	0.169502	0.655019	-1.52667	0.264413	0.714417	-1.39974	0.795339	1.07804	1.07804	0.29726	0.731686	-1.36671	0.137493	1.58791	1.58791	0.0503848	0.524778	-1.90557	2.40731	3.18654	1.17662	1
cg23880794	SNORD43;RPL3;RPL3	0.115196	0.442273	1.08949	1.08949	0.0110132	1.41751	1.41751	0.468617	1.08401	1.08401	0.0628416	1.2573	1.2573	0.97383	1.00359	1.00359	0.220198	1.15144	1.15144	0.165318	0.850533	-1.17573	0.161197	1.17786	1.17786	0.272687	1.13303	1.13303	2.40727	0.456272	0.168479	1
cg06513814	EMP2	0.115199	0.174511	2.09434	2.09434	0.332013	0.599159	-1.66901	0.0474835	0.313372	-3.19109	0.145681	0.44953	-2.22455	0.0555444	0.329385	-3.03596	0.944637	0.965079	-1.03618	0.109973	2.43926	2.43926	0.591075	1.31996	1.31996	0.47591	0.690022	-1.44923	2.40724	9.98734	3.68789	1
cg01005180	PRKAG2;PRKAG2	0.115201	0.763837	0.910158	-1.09871	0.651121	0.867429	-1.15283	0.0722142	0.534271	-1.87171	0.322739	0.726794	-1.37591	0.242564	1.46534	1.46534	0.0697835	1.88423	1.88423	0.301892	0.715946	-1.39675	0.445838	1.2748	1.2748	0.0331157	0.459193	-2.17774	2.40722	3.7212	1.37409	1
cg03393444	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.115201	0.986529	1.00679	1.00679	0.00442075	4.58903	4.58903	0.127777	1.93554	1.93554	0.611931	1.22775	1.22775	0.470925	0.745164	-1.34199	0.134986	1.90839	1.90839	0.852718	0.928173	-1.07739	0.8271	0.916006	-1.0917	0.995647	0.997814	-1.00219	2.40722	6.13256	2.26451	1
cg06053651	DNAJB13	0.115203	0.270319	0.703928	-1.4206	0.00825755	0.355859	-2.81011	0.414811	0.774943	-1.29042	0.36143	0.750543	-1.33237	0.140481	1.6242	1.6242	0.372095	0.755555	-1.32353	0.10059	0.576856	-1.73353	0.708297	1.12183	1.12183	0.387986	0.76289	-1.3108	2.4072	3.567	1.31716	1
cg27402091	PTPRN2;PTPRN2;PTPRN2	0.115205	0.194979	0.585737	-1.70725	0.69785	0.858796	-1.16442	0.14461	0.542588	-1.84302	0.897506	0.950959	-1.05157	0.037864	0.39083	-2.55866	0.981971	1.00886	1.00886	0.0223267	0.343586	-2.91048	0.881219	1.06008	1.06008	0.0229203	0.345807	-2.89179	2.40718	5.80436	2.14335	1
cg22233093	MAP3K11	0.115207	0.107486	0.826298	-1.21022	0.531377	1.07129	1.07129	0.287114	0.886876	-1.12755	0.035909	0.767133	-1.30356	0.686691	1.04503	1.04503	0.608007	1.0578	1.0578	0.157158	1.1786	1.1786	0.0335671	0.763642	-1.30951	0.999336	1.00009	1.00009	2.40716	0.449739	0.166075	1
cg02540297	GAGE12G;GAGE2A;GAGE8;GAGE12B;GAGE8;GAGE12H;GAGE12D;GAGE2E;GAGE12E;GAGE12C;GAGE2A	0.115209	0.768861	0.869632	-1.14991	0.719882	1.18614	1.18614	0.103917	0.430482	-2.32297	0.518971	0.733506	-1.36332	0.00548047	0.177068	-5.64756	0.924557	0.956096	-1.04592	0.142365	0.473519	-2.11185	0.993696	0.996262	-1.00375	0.305777	1.6531	1.6531	2.40714	8.56636	3.16331	1
cg07971129	BCAR4;BCAR4	0.115212	0.714972	0.948921	-1.05383	0.937454	0.988844	-1.01128	0.842518	1.02884	1.02884	0.630169	0.932998	-1.07181	0.28588	1.17168	1.17168	0.015539	1.52842	1.52842	0.01965	1.49618	1.49618	0.282613	0.852482	-1.17305	0.895769	0.981438	-1.01891	2.40711	0.77906	0.287688	1
cg01054110	NCOR2;NCOR2	0.115214	0.382568	1.30705	1.30705	0.197537	1.50279	1.50279	0.995047	0.998145	-1.00186	0.0372157	2.06105	2.06105	0.68842	0.886441	-1.12811	0.21314	0.675665	-1.48002	0.0627599	0.534657	-1.87036	0.12874	0.612048	-1.63386	0.369345	1.31745	1.31745	2.4071	3.40901	1.25887	1
cg09730302	DOCK1	0.115214	0.184172	0.412693	-2.42311	0.805348	0.856312	-1.1678	0.275245	2.04038	2.04038	0.0150121	6.54236	6.54236	0.0882124	3.26064	3.26064	0.62508	0.73388	-1.36262	0.279832	0.493702	-2.02552	0.556768	0.688391	-1.45266	0.284855	2.00959	2.00959	2.40709	15.0474	5.55669	1
cg13357408	PTPRN2;PTPRN2;PTPRN2	0.115219	0.568221	0.699943	-1.42869	0.214455	2.24421	2.24421	0.922362	0.941488	-1.06215	0.719181	0.799858	-1.25022	0.0108836	0.13843	-7.22384	0.0297929	0.205644	-4.86277	0.597806	0.719437	-1.38998	0.152111	0.387166	-2.58287	0.458821	0.627164	-1.59448	2.40706	14.584	5.38566	1
cg10373676	SEPX1	0.11522	0.114156	1.3079	1.3079	0.7731	0.95585	-1.04619	0.75836	0.952946	-1.04938	0.0923077	1.33562	1.33562	0.159745	1.26447	1.26447	0.0144223	1.60157	1.60157	0.448929	0.886453	-1.12809	0.0661644	1.37977	1.37977	0.840982	1.03188	1.03188	2.40704	0.930063	0.34346	1
cg21834754	SCN8A	0.115222	0.146836	0.6805	-1.46951	0.103244	1.55361	1.55361	0.00962063	0.444754	-2.24843	0.406727	0.810729	-1.23346	0.255341	0.745595	-1.34121	0.374347	1.25285	1.25285	0.525281	0.852884	-1.17249	0.782219	0.933789	-1.07091	0.601216	0.877773	-1.13925	2.40703	2.32983	0.860379	1
cg04388053	AVPR2;AVPR2;AVPR2	0.115225	0.873536	1.06406	1.06406	0.612609	0.81951	-1.22024	0.833671	1.08543	1.08543	0.0668617	0.448939	-2.22748	0.00914457	0.275108	-3.63494	0.564923	1.25459	1.25459	0.305624	1.51211	1.51211	0.778606	1.11613	1.11613	0.122911	0.521235	-1.91852	2.40699	5.793	2.13932	1
cg07050831	C7orf55	0.115227	0.312121	0.907113	-1.1024	0.580341	1.05345	1.05345	0.43847	0.928969	-1.07646	0.522087	0.941302	-1.06236	0.058159	0.819032	-1.22095	0.661039	1.042	1.042	0.322039	0.909028	-1.10008	0.200264	1.13444	1.13444	0.0182072	1.30641	1.30641	2.40698	0.331374	0.122375	1
cg06618713	NHEDC1;NHEDC1	0.115228	0.101772	0.613982	-1.62871	0.0298667	0.498611	-2.00557	0.0113874	0.422063	-2.36932	0.206844	0.695913	-1.43696	0.190382	0.685484	-1.45882	0.183491	0.680931	-1.46858	0.133658	0.643694	-1.55353	0.0906679	0.601933	-1.66131	0.194189	0.687949	-1.4536	2.40697	2.82694	1.04399	1
cg13593875	UBAC1	0.115231	0.312844	0.820451	-1.21884	0.2265	1.27218	1.27218	0.0169709	0.575841	-1.73659	0.215684	0.781124	-1.28021	0.494955	0.876895	-1.14039	0.0290482	0.614009	-1.62864	0.606049	1.10365	1.10365	0.586867	0.901217	-1.10961	0.187431	0.767323	-1.30323	2.40694	1.36991	0.505911	1
cg10931190	TSLP	0.115232	0.410139	0.309257	-3.23356	0.135716	9.39582	9.39582	0.970194	1.05344	1.05344	0.964342	0.939612	-1.06427	0.392797	0.29531	-3.38627	0.954023	0.922807	-1.08365	0.866761	0.791395	-1.26359	0.0213083	47.2643	47.2643	0.01879	52.7993	52.7993	2.40693	74.0023	27.3294	1
cg11569933	BAT4	0.115234	0.104007	0.335236	-2.98298	0.272196	0.495228	-2.01927	0.27484	2.01086	2.01086	0.341112	0.547079	-1.82789	0.112749	0.345946	-2.89063	0.225812	0.45746	-2.18598	0.0200535	0.178158	-5.61298	0.0389038	0.229909	-4.34955	0.199834	0.434847	-2.29966	2.40691	14.4112	5.32217	1
cg07631435	ZBTB16;ZBTB16	0.115236	0.233259	0.442029	-2.2623	0.00539449	0.0913897	-10.9422	0.0831143	0.285581	-3.50163	0.564988	0.683871	-1.46226	0.0918778	0.297558	-3.36068	0.13487	0.348924	-2.86595	0.0942857	0.300738	-3.32515	0.467918	0.617276	-1.62002	0.423867	0.586533	-1.70493	2.4069	16.2647	6.0067	1
cg06959135	AHSG	0.115236	0.633494	1.09892	1.09892	0.0308585	0.607842	-1.64516	0.0643473	0.664898	-1.50399	0.461345	1.15866	1.15866	0.391211	1.18829	1.18829	0.53842	1.13012	1.13012	0.397421	1.18549	1.18549	0.613615	1.10515	1.10515	0.0544551	1.53495	1.53495	2.40689	1.46999	0.54288	1
cg03547181	ADORA1;ADORA1	0.115239	0.120718	0.633318	-1.57899	0.194811	1.45097	1.45097	0.317664	1.32361	1.32361	0.0367154	0.517509	-1.93233	0.573667	1.16686	1.16686	0.115237	1.59172	1.59172	0.291058	1.34633	1.34633	0.122084	1.57591	1.57591	0.689798	1.11505	1.11505	2.40687	2.80833	1.03715	1
cg04293218	PPAPDC1B;PPAPDC1B;PPAPDC1B	0.115239	0.0558219	0.266035	-3.7589	0.340449	0.5486	-1.82282	0.959041	1.03188	1.03188	0.315769	0.530521	-1.88494	0.0714628	0.292234	-3.42191	0.393811	0.586371	-1.70541	0.00670067	0.116575	-8.5782	0.168454	0.407843	-2.45192	0.142019	0.381076	-2.62415	2.40687	14.2371	5.25796	1
cg03736058	SH3GL1	0.11524	0.105488	2.23931	2.23931	0.00721995	4.85656	4.85656	0.0709686	2.50814	2.50814	0.694357	1.19724	1.19724	0.964774	1.02033	1.02033	0.553994	1.31373	1.31373	0.264177	1.69981	1.69981	0.0493872	2.77957	2.77957	0.858484	1.08476	1.08476	2.40686	7.92041	2.92512	1
cg23344257	RBMS3;RBMS3;RBMS3	0.115241	0.0431819	0.657822	-1.52017	0.153509	0.75945	-1.31674	0.329865	0.834394	-1.19847	0.0988621	0.721936	-1.38516	0.0740345	0.698744	-1.43114	0.176967	0.772287	-1.29485	0.00891086	0.549269	-1.8206	0.171834	0.769597	-1.29938	0.256472	0.807942	-1.23771	2.40685	1.23579	0.456399	1
cg12253859	CYP2C9	0.115243	0.0647434	0.214231	-4.66786	0.0586126	0.20461	-4.88734	0.235873	0.397499	-2.51573	0.0944673	0.255323	-3.91661	0.0338203	0.15875	-6.2992	0.0350146	0.161319	-6.19891	0.0573872	0.202624	-4.93524	0.163045	0.330942	-3.02168	0.157265	0.325201	-3.07502	2.40683	21.026	7.76529	1
cg24365867	MRVI1;MRVI1;MRVI1	0.115243	0.465021	0.71695	-1.3948	0.00941583	0.229239	-4.36225	0.985132	1.00837	1.00837	0.422148	0.692856	-1.4433	0.0310535	0.322145	-3.10419	0.3991	0.679554	-1.47155	0.0828742	0.423418	-2.36173	0.0713724	0.406093	-2.46249	0.651294	0.815781	-1.22582	2.40683	7.63378	2.8193	1
cg27611810	CNOT1;SNORA50;CNOT1	0.115243	0.292477	0.837841	-1.19354	0.580262	1.09471	1.09471	0.740999	0.947684	-1.0552	0.147485	0.777419	-1.28631	0.0359832	0.673557	-1.48466	0.0274056	1.52608	1.52608	0.552653	1.1022	1.1022	0.276339	0.83241	-1.20133	0.666745	1.0727	1.0727	2.40682	1.00034	0.369447	1
cg02473847	MORN1;LOC100129534	0.115247	0.366758	0.689192	-1.45097	0.796786	1.10915	1.10915	0.0146882	0.299443	-3.33953	0.811723	1.10054	1.10054	0.00917472	0.264945	-3.77437	0.329157	0.667441	-1.49826	0.320648	0.662358	-1.50976	0.433123	0.725332	-1.37868	0.73844	0.874121	-1.14401	2.40679	6.14334	2.26889	1
cg00272484	TSNARE1	0.115249	0.049519	0.61188	-1.63431	0.0341932	1.71887	1.71887	0.293368	0.78748	-1.26987	0.839857	1.04535	1.04535	0.206726	0.746853	-1.33895	0.208267	1.33749	1.33749	0.200042	1.34544	1.34544	0.912679	1.02434	1.02434	0.455521	0.84654	-1.18128	2.40677	1.83135	0.676368	1
cg01435766	SLC5A11	0.115249	0.751738	0.783782	-1.27586	0.494554	1.70314	1.70314	0.192215	0.346591	-2.88524	0.674748	1.38262	1.38262	0.10031	0.251064	-3.98305	0.556696	0.633608	-1.57826	0.0186611	0.112063	-8.92353	0.0634504	4.96339	4.96339	0.673295	1.38477	1.38477	2.40677	22.4616	8.29572	1
cg03247208	GEMIN6	0.115252	0.0984696	0.711885	-1.40472	0.571499	0.898311	-1.1132	0.0265453	1.63739	1.63739	0.97118	0.993248	-1.0068	0.108253	0.719924	-1.38904	0.378607	0.844162	-1.18461	0.0543801	0.664057	-1.5059	0.84522	0.964008	-1.03734	0.675927	1.08204	1.08204	2.40675	1.34066	0.49515	1
cg19753877	ASB1	0.115252	0.0650219	0.623079	-1.60493	0.407081	0.823946	-1.21367	0.197293	0.732553	-1.36509	0.490075	0.852068	-1.17361	0.0813356	0.643271	-1.55455	0.299058	0.782106	-1.2786	0.151492	1.42037	1.42037	0.465878	0.84413	-1.18465	0.0151283	0.505833	-1.97694	2.40675	1.98745	0.73403	1
cg24068053	C6orf41;GUSBL1	0.115254	0.0780011	0.517631	-1.93188	0.00611485	0.30024	-3.33067	0.564748	0.822232	-1.2162	0.692715	0.874981	-1.14288	0.342824	0.719917	-1.38905	0.739698	1.11865	1.11865	0.211081	0.64207	-1.55746	0.520804	1.24465	1.24465	0.420485	1.31883	1.31883	2.40672	4.30978	1.59175	1
cg22901146	GUCY2F;GUCY2F	0.115255	0.770729	1.1766	1.1766	0.145504	0.419023	-2.3865	0.0517507	0.291713	-3.42803	0.0664251	0.318024	-3.14441	0.00872184	0.1557	-6.42259	0.792656	1.15791	1.15791	0.483154	0.672585	-1.4868	0.32667	0.569182	-1.75691	0.857777	0.904991	-1.10498	2.40672	11.8058	4.36031	1
cg03427120	CSE1L;CSE1L	0.115256	0.782353	1.12748	1.12748	0.0214522	3.31088	3.31088	0.150581	1.94951	1.94951	0.132348	2.02116	2.02116	0.486849	0.736308	-1.35813	0.371267	0.671809	-1.48852	0.251656	0.595175	-1.68018	0.253061	0.59617	-1.67737	0.170667	1.88166	1.88166	2.40671	7.1559	2.64295	1
cg07903677	KCNA3	0.115256	0.48949	0.736425	-1.35791	0.167334	1.89921	1.89921	0.0935725	2.23372	2.23372	0.418206	1.43404	1.43404	0.029181	0.326283	-3.06483	0.586843	0.787327	-1.27012	0.132975	0.493416	-2.02669	0.182751	0.540026	-1.85176	0.398908	0.686357	-1.45697	2.40671	7.2386	2.67349	1
cg11246580	ZNF366	0.115256	0.898925	0.952776	-1.04956	0.0228637	2.81952	2.81952	0.991423	0.995916	-1.0041	0.520665	0.780477	-1.28127	0.0796387	0.476859	-2.09705	0.601055	0.818047	-1.22242	0.613604	1.21388	1.21388	0.0932747	2.0194	2.0194	0.126668	0.533161	-1.87561	2.4067	5.52358	2.04007	1
cg02637352	FLJ41603	0.115258	0.356327	1.37131	1.37131	0.026181	2.40605	2.40605	0.287291	1.44446	1.44446	0.0339937	2.27894	2.27894	0.921417	1.03339	1.03339	0.269881	1.46579	1.46579	0.804446	0.920749	-1.08607	0.655043	1.16145	1.16145	0.0147191	2.71627	2.71627	2.40669	4.2224	1.55951	1
cg10402471	ZNF281	0.115267	0.12608	0.648419	-1.54221	0.411044	0.802502	-1.2461	0.273881	0.742289	-1.34718	0.154033	0.670709	-1.49096	0.967207	1.01082	1.01082	0.811202	1.06464	1.06464	0.0961618	1.61318	1.61318	0.347445	0.776301	-1.28816	0.0122341	0.441776	-2.26359	2.40661	2.61123	0.964467	1
cg20098471	RASSF10	0.115272	0.623574	0.491371	-2.03512	0.269619	0.191798	-5.21381	0.0651138	19.5847	19.5847	0.928912	1.13675	1.13675	0.145484	0.105906	-9.44232	0.714728	0.59019	-1.69437	0.0564716	22.2409	22.2409	0.106131	12.6154	12.6154	0.106426	12.5836	12.5836	2.40656	78.6427	29.0476	1
cg11993436	RBM33	0.115276	0.0848931	0.710321	-1.40781	0.380533	0.850888	-1.17524	0.89244	0.976006	-1.02458	0.619818	1.09393	1.09393	0.309756	0.828043	-1.20767	0.965977	0.992372	-1.00769	0.00393576	0.498366	-2.00656	0.987212	0.997127	-1.00288	0.67604	1.07836	1.07836	2.40652	1.22827	0.453683	1
cg17510987	FAM108A1;FAM108A1	0.115276	0.133988	0.650544	-1.53717	0.975452	1.00822	1.00822	0.679416	0.895338	-1.1169	0.393717	1.26165	1.26165	0.317926	0.759851	-1.31605	0.185421	0.688264	-1.45293	0.00412271	0.359335	-2.78292	0.469546	0.822223	-1.21622	0.31867	0.760193	-1.31545	2.40652	2.6975	0.996367	1
cg04789644	STK40	0.115283	0.138229	0.671621	-1.48894	0.257455	0.744724	-1.34278	0.770226	0.92956	-1.07578	0.384999	0.80081	-1.24874	0.0241112	0.511306	-1.95578	0.264593	1.33642	1.33642	0.0600213	1.69745	1.69745	0.44437	1.21466	1.21466	0.555011	0.861651	-1.16056	2.40646	2.37064	0.87566	1
cg04454050	TREML1	0.115289	0.547033	0.816969	-1.22404	0.956133	0.981918	-1.01841	0.494737	0.794539	-1.25859	0.651076	0.859824	-1.16303	0.240092	0.664966	-1.50384	0.176036	1.61156	1.61156	0.00620651	3.26616	3.26616	0.617706	1.18165	1.18165	0.378382	0.74097	-1.34958	2.4064	4.19366	1.54908	1
ch.9.116118R	KIAA1432;KIAA1432	0.11529	0.00751025	0.0262938	-38.0318	?	?	?	?	?	?	0.0790343	0.127181	-7.86281	0.934221	0.91641	-1.09121	0.169908	0.213118	-4.69223	0.242473	0.274301	-3.64564	0.624831	0.593827	-1.68399	0.466335	0.456625	-2.18998	2.46019	33.888	15.7423	1
cg13698883	IGFBPL1	0.115294	0.0362954	0.314941	-3.17519	0.122861	2.21108	2.21108	0.312179	1.64256	1.64256	0.442742	0.68971	-1.44988	0.0833117	0.402531	-2.48428	0.887778	1.06932	1.06932	0.0560488	0.357993	-2.79335	0.270335	0.579964	-1.72424	0.623111	0.790477	-1.26506	2.40636	8.5867	3.17186	1
cg05585317	TSPYL2	0.115295	0.0774312	6.37633	6.37633	0.794747	1.27898	1.27898	0.387262	2.30808	2.30808	0.933577	1.08185	1.08185	0.714866	1.41381	1.41381	0.0599511	7.41162	7.41162	0.0335	10.4268	10.4268	0.0248348	12.4402	12.4402	0.0461548	8.63957	8.63957	2.40634	33.948	12.5402	1
cg23543821	GLUD2	0.115297	0.315117	0.577353	-1.73204	0.166993	2.17949	2.17949	0.740209	1.1924	1.1924	0.0326023	0.266462	-3.75287	0.0482487	0.303113	-3.2991	0.0986521	2.60554	2.60554	0.94876	1.03457	1.03457	0.469615	0.677712	-1.47555	0.498768	0.695495	-1.43782	2.40633	10.6577	3.93691	1
cg13313384	C20orf3	0.115297	0.869659	0.971415	-1.02943	0.157418	1.30603	1.30603	0.0460677	1.49734	1.49734	0.0424829	1.5107	1.5107	0.157121	1.30631	1.30631	0.144571	0.758244	-1.31884	0.202183	0.788358	-1.26846	0.912266	1.01965	1.01965	0.648832	1.08433	1.08433	2.40632	1.18855	0.439048	1
cg10830649	GALNT3	0.115302	0.0664921	14.9341	14.9341	0.292052	4.20483	4.20483	0.204625	5.80395	5.80395	0.243779	4.96409	4.96409	0.223032	5.37704	5.37704	0.148721	7.65067	7.65067	0.0476936	19.5883	19.5883	0.0147448	51.5702	51.5702	0.0335526	26.1053	26.1053	2.40628	65.7798	24.2993	1
cg18238973	MAPK10;MAPK10;MAPK10;MAPK10;MAPK10	0.115304	0.170337	0.49154	-2.03442	0.766529	1.15583	1.15583	0.855741	0.915294	-1.09254	0.176678	2.01076	2.01076	0.00812699	0.192434	-5.19657	0.776369	0.870655	-1.14856	0.591623	0.768438	-1.30134	0.32474	1.63984	1.63984	0.157195	0.479142	-2.08706	2.40626	9.01482	3.33013	1
cg06545038	LMOD1	0.115304	0.0273529	1.77852	1.77852	0.63541	1.11109	1.11109	0.768785	0.937051	-1.06718	0.31324	0.79449	-1.25867	0.0885575	1.51345	1.51345	0.916947	0.977256	-1.02327	0.0150811	1.9324	1.9324	0.90483	0.973964	-1.02673	0.60614	1.12155	1.12155	2.40626	1.85394	0.684857	1
cg21995377	USP35	0.115305	0.251786	0.837724	-1.19371	0.0538253	1.38235	1.38235	0.0486052	1.39536	1.39536	0.224239	1.20782	1.20782	0.477891	1.11262	1.11262	0.0929506	1.31439	1.31439	0.164755	1.24508	1.24508	0.173335	0.807131	-1.23896	0.964264	1.00665	1.00665	2.40625	0.833581	0.307932	1
cg09715738	RDX	0.115311	0.428006	2.03128	2.03128	0.0328375	0.10708	-9.33882	0.172952	0.278524	-3.59036	0.157405	0.263519	-3.79479	0.812654	1.23038	1.23038	0.118816	4.46794	4.46794	?	?	?	0.192385	0.296678	-3.37066	0.326689	2.43098	2.43098	2.57212	27.0152	9.19018	1
cg12810313	MSRA;MSRA;MSRA	0.115312	0.0830134	0.541131	-1.84798	0.0319826	2.23443	2.23443	0.831644	1.07049	1.07049	0.398341	1.31873	1.31873	0.764992	0.908539	-1.10067	0.846739	0.939966	-1.06387	0.0747001	0.529828	-1.8874	0.286934	1.42444	1.42444	0.147368	1.64449	1.64449	2.40619	3.90106	1.44112	1
cg12738913	SNTG2	0.115313	0.618505	0.673862	-1.48398	0.0424844	6.27719	6.27719	0.154403	3.31563	3.31563	0.309026	0.43701	-2.28828	0.134188	0.280837	-3.56079	0.401598	0.509149	-1.96406	0.535939	0.610888	-1.63696	0.0371308	0.149159	-6.70427	0.536437	0.611265	-1.63595	2.40618	23.5603	8.70361	1
cg03931660	ZNF423	0.115313	0.365301	0.717945	-1.39286	0.0514078	0.453821	-2.20351	0.0120733	0.327945	-3.04929	0.658992	0.853674	-1.17141	0.161567	0.587125	-1.70322	0.763122	0.89792	-1.11369	0.108833	1.86446	1.86446	0.655594	0.852218	-1.17341	0.593047	0.82517	-1.21187	2.40618	4.83591	1.78648	1
cg15751131	SLC37A3;SLC37A3	0.115313	0.252443	0.623081	-1.60493	0.211229	0.593778	-1.68413	0.0202984	0.330458	-3.0261	0.0916671	0.479533	-2.08536	0.187139	0.57505	-1.73898	0.596635	0.809474	-1.23537	0.771822	0.891303	-1.12195	0.675734	1.18114	1.18114	0.0132688	0.296867	-3.36851	2.40617	5.96812	2.20474	1
cg05352903	KCTD5	0.115318	0.652843	1.13529	1.13529	0.604451	1.15771	1.15771	0.841364	1.05776	1.05776	0.331861	1.32386	1.32386	0.00997519	0.401793	-2.48885	0.704227	0.898633	-1.1128	0.238167	0.707341	-1.41375	0.234081	1.41845	1.41845	0.0862022	0.587871	-1.70105	2.40613	2.99263	1.10556	1
cg07269364	PTPRN2;PTPRN2;PTPRN2	0.11532	0.467904	0.803869	-1.24398	0.020935	0.439866	-2.27342	0.39443	1.29412	1.29412	0.409421	1.28322	1.28322	0.0631489	0.539144	-1.85479	0.795304	0.926031	-1.07988	0.0324001	0.476935	-2.09672	0.243571	0.69722	-1.43427	0.544448	0.834162	-1.19881	2.40612	3.32948	1.23001	1
cg10336722	CYB5RL;MRPL37	0.115321	0.238377	0.878486	-1.13832	0.210512	1.14861	1.14861	0.964241	1.00468	1.00468	0.070427	0.807084	-1.23903	0.161258	1.1705	1.1705	0.0928118	1.21595	1.21595	0.552981	0.939293	-1.06463	0.21423	0.871716	-1.14716	0.0880312	1.22034	1.22034	2.54914	0.428821	0.130839	1
cg25883790	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1	0.115321	0.0868894	0.486362	-2.05608	0.047284	0.420933	-2.37568	0.19443	0.592554	-1.68761	0.208943	0.603549	-1.65687	0.0299228	0.377645	-2.64799	0.191074	0.58994	-1.69509	0.0131481	0.309693	-3.229	0.550967	0.794537	-1.25859	0.45681	0.74909	-1.33495	2.40611	5.53824	2.04599	1
cg02752105	B4GALNT4	0.115321	0.807554	1.04345	1.04345	0.0188497	1.64174	1.64174	0.102153	1.3658	1.3658	0.153088	1.30556	1.30556	0.908301	0.980121	-1.02028	0.0277391	1.57365	1.57365	0.29843	1.20662	1.20662	0.0845119	1.39449	1.39449	0.627562	0.918329	-1.08893	2.4061	1.15727	0.427531	1
cg02722429	C18orf45	0.115322	0.209244	0.79651	-1.25548	0.0635138	1.43141	1.43141	0.793559	0.955918	-1.04612	0.123351	0.750567	-1.33233	0.795029	0.956233	-1.04577	0.0470958	0.676651	-1.47787	0.0362398	0.657975	-1.51981	0.380498	0.856726	-1.16723	0.346491	0.846494	-1.18134	2.40609	1.12608	0.416011	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23532765	RNF182;RNF182;RNF182;RNF182;RNF182	0.115322	0.686766	1.17395	1.17395	0.0750936	2.19048	2.19048	0.818959	1.09494	1.09494	0.575626	1.25075	1.25075	0.181374	0.570453	-1.75299	0.24287	0.61663	-1.62172	0.318651	1.50342	1.50342	0.0285133	2.78007	2.78007	0.0529232	2.38753	2.38753	2.40609	5.96411	2.20334	1
cg17263974	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.115322	0.0798083	0.375688	-2.66179	0.177987	2.05611	2.05611	0.933535	1.0429	1.0429	0.212372	0.516083	-1.93767	0.0181952	0.235997	-4.23734	0.357989	0.62124	-1.60968	0.126789	0.435301	-2.29726	0.156368	0.466002	-2.14592	0.1408	0.450319	-2.22065	2.40609	9.66445	3.57036	1
cg21774064	DLGAP2	0.115325	0.132803	0.35942	-2.78226	0.0380077	0.219227	-4.56147	0.0145201	0.149606	-6.68422	0.580271	0.702992	-1.42249	0.101133	0.322173	-3.10392	0.331468	0.531427	-1.88172	0.0677549	0.274997	-3.63641	0.0585385	0.259659	-3.8512	0.312842	0.51754	-1.93222	2.40607	15.1693	5.60409	1
cg12877253	RAB5A	0.115325	0.0517405	0.27577	-3.62621	0.33968	0.564047	-1.7729	0.351305	0.572251	-1.74749	0.448733	0.638131	-1.56708	0.0300589	0.226566	-4.41373	0.0901902	0.337367	-2.96413	0.0567691	0.285171	-3.50667	0.279531	1.92354	1.92354	0.0993751	0.349567	-2.86068	2.40606	12.9026	4.76669	1
cg20296532	SCTR	0.115327	0.0578049	2.50365	2.50365	0.0148746	3.60273	3.60273	0.0790833	2.30297	2.30297	0.329051	1.53879	1.53879	0.0939113	2.19919	2.19919	0.821495	1.10152	1.10152	0.0406907	2.74845	2.74845	0.134732	1.99362	1.99362	0.302406	1.57949	1.57949	2.40605	6.97592	2.57718	1
cg20359183	CCNY;CCNY	0.115328	0.0150739	0.527326	-1.89636	0.171349	0.731979	-1.36616	0.147832	0.717029	-1.39464	0.41884	0.837804	-1.1936	0.660916	0.909769	-1.09918	0.196534	1.33983	1.33983	0.468403	1.17123	1.17123	0.371952	1.21699	1.21699	0.132137	0.705996	-1.41644	2.40604	1.74895	0.646135	1
cg21828716	MYH6;MIR208A	0.115329	0.0288154	0.325424	-3.07291	0.0556344	0.388901	-2.57135	0.289414	0.619487	-1.61424	0.0716427	0.416483	-2.40106	0.0344994	0.341733	-2.92626	0.162488	0.522381	-1.91431	0.048569	0.374877	-2.66754	0.171979	0.530915	-1.88354	0.148623	0.509339	-1.96333	2.40603	7.22626	2.66969	1
cg12390057	MYH7B	0.115331	0.622333	0.914161	-1.0939	0.0247314	0.616727	-1.62146	0.0202141	0.602732	-1.65911	0.438543	0.866896	-1.15354	0.781906	1.05145	1.05145	0.464454	1.14407	1.14407	0.208451	1.27089	1.27089	0.268644	0.811983	-1.23155	0.293247	0.821111	-1.21786	2.40601	1.24528	0.460062	1
cg00862290	KCNMB3;KCNMB3	0.115331	0.755937	1.09935	1.09935	0.0504708	1.96839	1.96839	0.925819	0.972106	-1.02869	0.20481	1.50146	1.50146	0.133279	0.611407	-1.63557	0.0523221	1.95505	1.95505	0.147711	0.623851	-1.60295	0.127947	1.64864	1.64864	0.825069	1.06956	1.06956	2.40601	3.51663	1.2992	1
cg11673013	BEX5;BEX5;BEX5	0.115338	0.153095	0.242738	-4.11966	0.75214	1.34069	1.34069	0.710814	0.708491	-1.41145	0.312825	2.6276	2.6276	0.57596	1.68687	1.68687	0.31887	0.385478	-2.59418	0.600694	1.63018	1.63018	0.00550313	29.282	29.282	0.489086	1.91608	1.91608	2.40595	32.6284	12.0547	1
cg15862706	MIR492	0.115338	0.696664	0.943973	-1.05935	0.799144	1.03824	1.03824	0.226171	0.829407	-1.20568	0.545067	0.913799	-1.09433	0.275294	0.846161	-1.18181	0.022045	0.667547	-1.49802	0.0736039	1.34119	1.34119	0.0539695	0.724718	-1.37985	0.245776	0.836386	-1.19562	2.40595	0.825415	0.304954	1
cg19272713	DPP3;DPP3	0.115339	0.030283	0.655712	-1.52506	0.798971	0.958594	-1.0432	0.483631	0.888731	-1.1252	0.0654142	1.40873	1.40873	0.231897	1.23092	1.23092	0.487986	0.889807	-1.12384	0.0549397	0.697214	-1.43428	0.29942	0.836772	-1.19507	0.926693	0.984867	-1.01537	2.40594	1.04626	0.386547	1
cg04648087	TSC1;TSC1;TSC1	0.11534	0.556125	1.30728	1.30728	0.793936	1.1246	1.1246	0.969937	1.01704	1.01704	0.696831	0.838777	-1.19221	0.0087671	0.193532	-5.1671	?	?	?	0.457104	0.710573	-1.40732	0.118647	2.18698	2.18698	0.539393	1.32282	1.32282	2.77307	7.47024	2.02039	1
cg15319295	XIST	0.115342	0.0135884	0.201638	-4.95937	0.0828313	0.365232	-2.73798	0.121776	0.414955	-2.4099	0.688344	1.23545	1.23545	0.0569613	0.323161	-3.09443	0.831617	0.89435	-1.11813	0.681196	0.805233	-1.24188	0.306886	0.574243	-1.74142	0.0561527	0.321659	-3.10888	2.4059	10.4783	3.87132	1
cg06134964	ITIH1;ITIH1	0.115346	0.304776	0.541392	-1.84709	0.0352095	0.242607	-4.12189	0.191246	0.449809	-2.22317	0.0632011	0.299262	-3.34155	0.0216982	0.203675	-4.90977	0.286821	0.52803	-1.89383	0.035154	0.24247	-4.12423	0.113455	0.369912	-2.70335	0.160775	0.421063	-2.37494	2.40587	12.7027	4.69321	1
cg26599274	RABGEF1;RABGEF1	0.115347	0.819807	0.983448	-1.01683	0.0480155	0.847608	-1.17979	0.208965	0.907662	-1.10173	0.815883	0.983083	-1.01721	0.798641	0.981474	-1.01888	0.0167463	0.807673	-1.23812	0.171962	0.899098	-1.11223	0.0970191	1.14252	1.14252	0.496269	0.950722	-1.05183	2.40586	0.203895	0.075333	1
cg10537220	ZNF365;ZNF365;ZNF365	0.11535	0.108695	1.28369	1.28369	0.851314	0.973571	-1.02715	0.815465	1.03393	1.03393	0.452469	1.11545	1.11545	0.836559	0.970944	-1.02993	0.818072	0.967646	-1.03344	0.0156769	0.655208	-1.52623	0.119696	1.27251	1.27251	0.100353	1.29298	1.29298	2.40583	0.776356	0.286842	1
cg01217720	FLJ45340	0.115352	0.318785	0.54895	-1.82166	0.170593	2.33824	2.33824	0.88983	1.08402	1.08402	0.282964	0.522377	-1.91432	0.0379498	0.246431	-4.05793	0.0360251	0.24183	-4.13513	0.0686281	0.305324	-3.27521	0.955696	0.968179	-1.03287	0.138986	0.395746	-2.52687	2.40581	12.9095	4.76976	1
cg06904287	FBXO3;FBXO3	0.115354	0.926001	1.02902	1.02902	0.0999987	0.574039	-1.74204	0.829937	0.935906	-1.06848	0.48541	1.24398	1.24398	0.341978	1.35193	1.35193	0.982273	1.00687	1.00687	0.0125795	2.60045	2.60045	?	?	?	0.0956564	1.75712	1.75712	2.42987	3.2443	1.33518	1
ch.4.2115405R	C4orf21	0.115354	0.153834	0.791087	-1.26408	0.102855	0.760406	-1.31509	0.0224053	0.657118	-1.5218	0.0947045	0.754353	-1.32564	0.771403	0.956271	-1.04573	0.0837803	0.745495	-1.34139	0.939308	1.01176	1.01176	0.623979	1.07878	1.07878	0.216776	1.22076	1.22076	2.40579	0.897595	0.331642	1
cg17998964	MARK2;MARK2;MARK2;MARK2;MARK2	0.115355	0.409524	1.3117	1.3117	0.043576	2.10946	2.10946	0.653486	0.864711	-1.15646	0.745861	1.11028	1.11028	0.86071	0.945069	-1.05812	0.281553	1.43333	1.43333	0.0201001	2.46464	2.46464	0.0966297	1.79809	1.79809	0.161321	0.618049	-1.61799	2.40579	3.94266	1.45673	1
cg06617769	PRPSAP1	0.115356	0.273938	0.856982	-1.16689	0.547352	1.08605	1.08605	0.0771128	1.30533	1.30533	0.178861	1.21362	1.21362	0.0240465	0.694298	-1.4403	0.143397	1.23759	1.23759	0.959277	0.993102	-1.00695	0.321839	1.14883	1.14883	0.42465	1.11688	1.11688	2.40578	0.700273	0.258738	1
cg24899294	MICALL2	0.115357	0.283989	0.705395	-1.41764	0.963272	0.985666	-1.01454	0.331094	0.730202	-1.36948	0.151892	0.61796	-1.61823	0.00665188	0.331471	-3.01686	0.0279313	0.442894	-2.25788	0.214402	0.663756	-1.50658	0.339095	0.734216	-1.362	0.175806	0.636773	-1.57042	2.40577	3.74594	1.38406	1
cg12194493	PIGG;ZNF721;PIGG;PIGG;PIGG;ZNF721	0.115357	0.305871	0.837381	-1.1942	0.916249	1.01777	1.01777	0.464696	1.13266	1.13266	0.408319	0.867987	-1.15209	0.92151	1.01664	1.01664	0.00671444	0.555166	-1.80126	0.399554	0.865569	-1.15531	0.705078	1.06572	1.06572	0.102024	1.34932	1.34932	2.40576	1.06776	0.39452	1
cg23268486	CSE1L	0.115357	0.0871556	0.605848	-1.65058	0.0552936	0.561915	-1.77963	0.493293	0.831448	-1.20272	0.0596064	1.75773	1.75773	0.07263	1.70128	1.70128	0.421111	0.804087	-1.24365	0.959555	0.986636	-1.01355	0.974217	0.991462	-1.00861	0.546839	1.17558	1.17558	2.40576	2.68197	0.990942	1
cg16535752	YPEL2	0.11536	0.0635591	3.57876	3.57876	0.0388538	4.31414	4.31414	0.0428352	4.15723	4.15723	0.421655	1.65159	1.65159	0.402398	1.68844	1.68844	0.305106	1.91384	1.91384	0.0332023	4.57995	4.57995	0.0309615	4.70355	4.70355	0.23616	2.13562	2.13562	2.40574	14.235	5.25964	1
cg00586214	MLF1IP	0.115361	0.729851	1.1085	1.1085	0.173612	0.650385	-1.53755	0.169132	1.54542	1.54542	0.00772216	0.361708	-2.76466	0.0768598	0.557302	-1.79436	0.917361	0.96963	-1.03132	0.614224	0.859824	-1.16303	0.933768	0.975604	-1.02501	0.816379	0.933218	-1.07156	2.40573	3.36424	1.24305	1
cg15256539	BCKDHB;BCKDHB	0.115362	0.541505	1.31359	1.31359	0.643854	0.814586	-1.22762	0.506144	0.74233	-1.34711	0.557919	0.769952	-1.29878	0.0138757	0.23501	-4.25515	0.123123	2.12933	2.12933	0.785953	1.12717	1.12717	?	?	?	0.144197	2.02917	2.02917	2.7728	7.17758	1.94142	1
cg07253126	DZIP1L	0.115364	0.253158	0.776615	-1.28764	0.736022	1.07431	1.07431	0.754297	1.06877	1.06877	0.325912	0.806655	-1.23969	0.0677161	0.648229	-1.54266	0.327675	0.807326	-1.23866	0.00496551	0.454818	-2.19868	0.221749	0.761819	-1.31265	0.94087	1.01584	1.01584	2.40571	1.70962	0.63169	1
cg00489213	FAM120B	0.115365	0.430071	0.760523	-1.31488	0.824632	0.927346	-1.07835	0.940578	1.02566	1.02566	0.634778	0.849899	-1.17661	0.115779	1.78786	1.78786	0.721269	0.885366	-1.12948	0.00618254	3.3656	3.3656	0.893953	0.955683	-1.04637	0.205785	0.635313	-1.57403	2.4057	4.40118	1.62621	1
cg21758451	THSD4	0.115367	0.227606	0.719947	-1.38899	0.00464721	0.376566	-2.65557	0.632116	0.882379	-1.1333	0.368696	1.27064	1.27064	0.986004	0.99546	-1.00456	0.457825	0.8219	-1.21669	0.226053	1.39067	1.39067	0.822383	1.06006	1.06006	0.942384	1.01893	1.01893	2.40568	2.56424	0.947477	1
cg06972969	PHYHIPL	0.115371	0.651985	1.28509	1.28509	0.324566	1.75425	1.75425	0.108136	2.63376	2.63376	0.88291	1.08483	1.08483	0.634197	1.30321	1.30321	0.330519	1.74147	1.74147	0.0128005	0.181183	-5.51927	0.503908	0.68749	-1.45457	0.103656	2.67302	2.67302	2.40564	11.629	4.29694	1
cg19755815	TBCD	0.115371	0.370524	0.764119	-1.3087	0.119743	1.63865	1.63865	0.62808	1.15352	1.15352	0.454218	0.800087	-1.24986	0.0163106	0.423505	-2.36125	0.0497378	0.519516	-1.92487	0.399567	0.777011	-1.28698	0.416254	1.27517	1.27517	0.65489	0.87667	-1.14068	2.40564	3.26115	1.205	1
cg17948627	PSMB2	0.115374	0.205326	1.36961	1.36961	0.163122	1.41963	1.41963	0.0680496	1.6177	1.6177	0.768927	1.0718	1.0718	0.171169	0.70966	-1.40913	0.112047	1.50275	1.50275	0.0628472	0.611	-1.63666	0.345394	1.25702	1.25702	0.284743	1.29895	1.29895	2.40561	2.11096	0.780014	1
cg06152526	PLLP	0.115374	0.0475801	0.477957	-2.09224	0.561432	0.825881	-1.21083	0.511808	0.805105	-1.24207	0.732032	1.1185	1.1185	0.00898088	0.338741	-2.95211	0.309179	0.709713	-1.40902	0.0332388	0.444464	-2.2499	0.477939	0.79052	-1.26499	0.285796	0.696855	-1.43502	2.40561	4.04427	1.49439	1
cg07971894	CLCN7;CLCN7	0.115375	0.317662	1.48454	1.48454	0.0869681	2.06064	2.06064	0.147957	0.552277	-1.81068	0.290264	1.5217	1.5217	0.0176603	0.331546	-3.01617	0.861831	1.0689	1.0689	0.269471	0.644114	-1.55252	0.53334	1.27294	1.27294	0.97867	1.01028	1.01028	2.4056	5.57446	2.05981	1
cg22748573	CITED4;CITED4	0.115377	0.482573	1.10398	1.10398	0.121428	1.26207	1.26207	0.130961	1.25363	1.25363	0.917202	1.01452	1.01452	0.670835	1.06105	1.06105	0.244204	1.18397	1.18397	0.0322253	0.706342	-1.41575	0.0626852	0.748015	-1.33687	0.78209	1.03918	1.03918	2.40559	0.731996	0.27048	1
cg22358276	C6orf59;AGPAT4	0.115377	0.240126	0.739177	-1.35286	0.85096	1.0473	1.0473	0.230496	0.734105	-1.3622	0.513599	1.17678	1.17678	0.00917149	0.443512	-2.25473	0.97682	1.00716	1.00716	0.292692	1.30766	1.30766	0.394077	0.806946	-1.23924	0.06242	0.597305	-1.67419	2.40559	2.30034	0.849999	1
cg21639273	PUF60;PUF60;PUF60	0.115386	0.057127	0.370955	-2.69574	0.0275112	3.32389	3.32389	0.433876	1.44474	1.44474	0.802175	0.890775	-1.12262	0.524847	0.743115	-1.34569	0.914759	0.951865	-1.05057	0.625205	1.25462	1.25462	0.0487618	0.354524	-2.82068	0.496064	1.37499	1.37499	2.4055	8.08779	2.98863	1
cg19756068	CYP2B6	0.115386	0.809272	0.847921	-1.17936	0.427566	1.73778	1.73778	0.264043	0.451923	-2.21277	0.7535	1.23976	1.23976	0.189493	0.387446	-2.581	0.0348031	0.186671	-5.35701	0.0115155	0.115779	-8.63717	0.124059	0.321031	-3.11496	0.398141	0.554218	-1.80434	2.4055	17.7316	6.55227	1
cg24885631	PPP2R2D;PPP2R2D;PPP2R2D	0.115388	0.0697723	0.564795	-1.77055	0.896257	0.963916	-1.03743	0.333451	1.32452	1.32452	0.961002	1.01387	1.01387	0.14503	0.643453	-1.55411	0.128928	0.629865	-1.58764	0.451824	0.805777	-1.24104	0.0227775	2.15498	2.15498	0.464088	0.810643	-1.23359	2.40548	3.02357	1.11729	1
cg19323901	KCNQ1;KCNQ1	0.115391	0.451871	0.882085	-1.13368	0.959836	0.99179	-1.00828	0.49616	1.11976	1.11976	0.606475	0.91846	-1.08878	0.863225	0.972169	-1.02863	0.086543	1.36331	1.36331	0.00529993	1.82498	1.82498	0.584082	1.09472	1.09472	0.425781	0.875351	-1.1424	2.40545	1.02086	0.377239	1
cg01534527	CTDSPL;CTDSPL	0.115392	0.0455907	0.273333	-3.65854	0.515529	0.688617	-1.45219	0.164317	0.431891	-2.3154	0.631228	0.760605	-1.31474	0.008206	0.147548	-6.77745	0.111698	0.375246	-2.66492	0.200323	0.465141	-2.14988	0.994051	0.995791	-1.00423	0.0791114	0.331859	-3.01333	2.40545	12.1966	4.50703	1
cg13182541	FAHD2B	0.115393	0.950671	1.01057	1.01057	0.00405968	1.92596	1.92596	0.507803	1.12092	1.12092	0.395917	1.15917	1.15917	0.872108	1.02775	1.02775	0.199095	0.794119	-1.25926	0.883402	1.02525	1.02525	0.149991	1.29977	1.29977	0.851453	1.03236	1.03236	2.40544	1.09959	0.406335	1
cg09479015	KIRREL2;KIRREL2;KIRREL2;KIRREL2;KIRREL2;KIRREL2	0.115393	0.848276	1.03473	1.03473	0.673357	1.07851	1.07851	0.26786	1.22843	1.22843	0.233589	0.800424	-1.24934	0.850612	0.96695	-1.03418	0.861013	1.03173	1.03173	0.00592149	0.526402	-1.89969	0.0991394	0.724517	-1.38023	0.773163	1.05287	1.05287	2.40543	1.21053	0.447332	1
cg14817541	EYA4;EYA4;EYA4	0.115396	0.41901	0.617901	-1.61838	0.0387901	4.03503	4.03503	?	?	?	0.0671178	0.302283	-3.30816	0.797222	0.860606	-1.16197	0.126078	0.380989	-2.62475	0.326636	0.554091	-1.80476	0.189778	2.24728	2.24728	0.656773	1.2979	1.2979	2.42947	11.6257	4.78529	1
cg18318552	MUC2	0.115396	0.0267264	0.429964	-2.32578	0.748586	0.901769	-1.10893	0.108423	0.569452	-1.75608	0.895055	0.958452	-1.04335	0.140267	0.600394	-1.66557	0.2287	1.5011	1.5011	0.100803	1.7823	1.7823	0.399946	0.758013	-1.31924	0.195683	0.644033	-1.55272	2.40541	3.93871	1.4555	1
cg27126429	DRAM1;DRAM1	0.115397	0.62646	1.18363	1.18363	0.420168	0.753457	-1.32722	0.945887	1.0236	1.0236	0.0663339	0.49271	-2.02959	0.0052016	0.281534	-3.55197	0.892894	1.04739	1.04739	0.679482	1.1535	1.1535	0.714973	1.13435	1.13435	0.561832	1.22337	1.22337	2.4054	4.50063	1.66316	1
cg19558860	ITPK1;ITPK1;ITPK1	0.115398	0.484951	0.934011	-1.07065	0.108256	0.844886	-1.18359	0.050359	0.806882	-1.23934	0.119915	0.850187	-1.17621	0.753929	1.03071	1.03071	0.976842	0.997212	-1.0028	0.0243034	1.29466	1.29466	0.765773	1.02916	1.02916	0.637235	0.955335	-1.04675	2.40539	0.352531	0.130275	1
cg23158419	KCNAB1;KCNAB1	0.115399	0.185087	0.468673	-2.13368	0.619921	0.763692	-1.30943	0.641757	0.776742	-1.28743	0.709309	0.81716	-1.22375	0.167092	0.451941	-2.21268	0.0188273	0.215586	-4.63853	0.00830329	0.162113	-6.16852	0.198617	0.480695	-2.08032	0.200129	0.482012	-2.07464	2.40537	11.0767	4.0933	1
cg09182986	CAP1;CAP1	0.1154	0.588135	0.899234	-1.11206	0.0151458	1.78544	1.78544	0.735002	0.936136	-1.06822	0.825301	1.04388	1.04388	0.243847	1.26727	1.26727	0.279365	1.24417	1.24417	0.244665	0.78945	-1.2667	0.737837	0.936827	-1.06743	0.0316176	1.63155	1.63155	2.40537	1.43755	0.531239	1
cg27049129	SDK1;SDK1	0.1154	0.575842	1.15438	1.15438	0.00438539	2.62823	2.62823	0.127483	1.51981	1.51981	0.564134	0.862359	-1.15961	0.484771	1.1976	1.1976	0.261447	0.742716	-1.34641	0.477335	1.20142	1.20142	0.534782	1.17311	1.17311	0.626185	1.13279	1.13279	2.40537	2.45753	0.908164	1
cg24715445	RNF126	0.115402	0.702043	1.11591	1.11591	0.0158584	2.32327	2.32327	0.0487909	1.90029	1.90029	0.966493	0.988087	-1.01206	0.0206944	2.214	2.214	0.818594	0.936558	-1.06774	0.191599	1.48354	1.48354	0.943825	1.02031	1.02031	0.547156	1.18984	1.18984	2.40535	3.1009	1.14593	1
cg17080882	TGFBR3	0.115403	0.0602811	0.381973	-2.61799	0.954756	1.0261	1.0261	0.69498	0.836118	-1.196	0.026436	0.302584	-3.30487	0.0192182	0.276221	-3.62029	0.682536	1.20537	1.20537	0.91043	1.05244	1.05244	0.722523	0.850492	-1.17579	0.0875097	0.424538	-2.3555	2.40534	7.85896	2.90426	1
cg19488620	TMC4;TMC4	0.115403	0.0307561	16.0449	16.0449	0.0698987	9.17969	9.17969	0.0912091	7.65141	7.65141	0.553445	1.92656	1.92656	0.444487	0.42627	-2.34593	0.945347	0.927752	-1.07787	0.889099	0.858458	-1.16488	0.0822264	8.21551	8.21551	0.0418668	13.0062	13.0062	2.40534	45.5817	16.8447	1
cg18229270	CPSF2	0.115406	0.522097	0.873466	-1.14486	0.892489	0.972197	-1.0286	0.383639	1.20476	1.20476	0.809452	1.05166	1.05166	0.423927	0.843417	-1.18565	0.501481	0.867399	-1.15287	0.566319	1.12849	1.12849	0.23027	0.769166	-1.30011	0.00341616	0.436244	-2.2923	2.40532	1.65639	0.612121	1
cg08750053	DMC1	0.115409	0.368226	1.42871	1.42871	0.233255	0.617261	-1.62006	0.226854	0.612753	-1.63198	0.230109	1.62587	1.62587	0.0272886	0.36484	-2.74093	0.116734	1.93073	1.93073	0.274779	0.644914	-1.55059	0.62795	0.82819	-1.20745	0.138724	0.540514	-1.85009	2.40529	5.67664	2.09784	1
cg10179949	SLAMF8	0.115409	0.02192	0.280353	-3.56693	0.0582725	0.37166	-2.69063	0.0988295	0.432985	-2.30955	0.0523565	0.360403	-2.77467	0.0382662	0.329363	-3.03616	0.335157	0.631475	-1.5836	0.171026	0.509581	-1.9624	0.197579	0.532621	-1.87751	0.104996	0.44071	-2.26907	2.40528	8.14925	3.01161	1
cg01966665	SCNM1;LYSMD1;LYSMD1	0.115411	0.32626	0.748722	-1.33561	0.752383	1.09458	1.09458	0.0109551	2.4883	2.4883	0.162577	1.5306	1.5306	0.155584	0.648012	-1.54318	0.779487	0.922984	-1.08344	0.36043	0.764563	-1.30794	0.932172	1.0246	1.0246	0.194211	1.48017	1.48017	2.40527	3.10553	1.14768	1
cg12028842	CCNE1;CCNE1	0.115414	0.186416	0.780324	-1.28152	0.616355	1.09358	1.09358	0.522791	0.891638	-1.12153	0.569627	1.10712	1.10712	0.0562305	0.681893	-1.46651	0.374967	1.17498	1.17498	0.30901	1.20495	1.20495	0.0335993	1.55201	1.55201	0.136962	0.752998	-1.32802	2.40524	1.19459	0.441477	1
cg23235277	MGC14436;MGC14436;C12orf34	0.115414	0.377882	1.56788	1.56788	0.0181852	4.15934	4.15934	0.132215	2.24244	2.24244	0.91771	1.05271	1.05271	0.116394	0.428246	-2.3351	0.663064	1.24347	1.24347	0.0466513	3.10295	3.10295	0.563148	0.747851	-1.33717	0.580386	1.31989	1.31989	2.40524	9.4117	3.47823	1
cg16520288	SLC26A10	0.115414	0.635022	0.519921	-1.92337	0.0571107	18.9977	18.9977	0.243675	5.30467	5.30467	0.374963	3.47502	3.47502	0.256762	0.198075	-5.04859	0.105862	11.2023	11.2023	0.25508	0.196844	-5.08018	0.162402	7.69212	7.69212	0.0383577	26.642	26.642	2.40524	71.2758	26.341	1
cg25618981	HTRA2;AUP1;HTRA2	0.115415	0.313444	0.906124	-1.1036	0.617892	0.953561	-1.0487	0.639822	1.04557	1.04557	0.385328	0.91929	-1.0878	0.93761	0.992625	-1.00743	0.0835947	1.1985	1.1985	0.536442	0.942527	-1.06098	0.0075582	0.722577	-1.38394	0.413662	1.08222	1.08222	2.40523	0.340567	0.125862	1
cg24782949	CCDC141	0.115417	0.101634	0.62423	-1.60197	0.0628225	0.576711	-1.73397	0.402613	0.798332	-1.25261	0.168252	0.679702	-1.47123	0.444165	0.814545	-1.22768	0.967935	0.989486	-1.01063	0.0252646	2.01279	2.01279	0.261394	0.734932	-1.36067	0.655914	1.12515	1.12515	2.40521	2.63388	0.973398	1
cg16264004	MCF2L;MCF2L	0.11542	0.0547085	0.491585	-2.03424	0.079949	0.53093	-1.88349	0.894875	1.04402	1.04402	0.376996	1.34368	1.34368	0.101828	0.557889	-1.79247	0.838764	0.935765	-1.06864	0.0644756	0.508218	-1.96766	0.102275	0.558392	-1.79086	0.243227	1.48872	1.48872	2.40518	4.04502	1.49493	1
cg22569496	CACNA1A;CACNA1A	0.115424	0.336625	1.21717	1.21717	0.127801	1.38627	1.38627	0.810867	1.04871	1.04871	0.695168	1.08125	1.08125	0.684736	1.08434	1.08434	0.236373	1.27907	1.27907	0.00687083	2.00234	2.00234	0.0250936	1.69652	1.69652	0.179053	1.32732	1.32732	2.40514	1.49905	0.554016	1
cg21997465	MYOG	0.115427	0.0373178	0.176791	-5.65641	0.0899225	0.261797	-3.81975	0.134443	0.314377	-3.1809	0.59495	1.46924	1.46924	0.0305166	0.161597	-6.18825	0.172933	0.353511	-2.82877	0.084088	0.254016	-3.93676	0.880234	0.897537	-1.11416	0.0813313	0.250243	-3.99612	2.40512	19.5813	7.2369	1
cg04576317	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.115427	0.852859	1.04582	1.04582	0.577763	0.873124	-1.14531	0.281925	0.763535	-1.3097	0.541264	1.16092	1.16092	0.607317	0.882436	-1.13323	0.789194	0.937392	-1.06679	0.00244153	0.361487	-2.76635	0.980798	1.00582	1.00582	0.900392	1.03067	1.03067	2.40512	2.21747	0.819537	1
cg04990202	S100A16	0.115429	0.0524092	6.0788	6.0788	0.20186	3.01209	3.01209	0.950142	1.05249	1.05249	0.745233	0.765855	-1.30573	0.243174	2.71618	2.71618	0.163436	3.37687	3.37687	0.210638	2.94243	2.94243	0.00938379	14.8047	14.8047	0.0706578	5.22148	5.22148	2.40509	25.4999	9.4244	1
cg07465627	STXBP4	0.11543	0.0272099	0.140424	-7.12127	0.233551	0.3914	-2.55493	0.0687209	0.216504	-4.61886	0.108749	0.268797	-3.72028	0.0327616	0.153201	-6.52739	0.0838594	0.237698	-4.20701	0.102456	0.261287	-3.82721	0.383727	0.511293	-1.95583	0.0560274	0.196804	-5.0812	2.40509	21.4861	7.94097	1
cg00306063	LOC100129066	0.115431	0.452298	0.866741	-1.15375	0.0962142	0.710933	-1.4066	0.375875	0.843886	-1.18499	0.380348	0.845294	-1.18302	0.392899	0.849191	-1.17759	0.884979	1.0274	1.0274	0.0176364	1.71467	1.71467	0.0792873	0.694992	-1.43887	0.250605	0.799138	-1.25135	2.40508	1.3288	0.491108	1
cg16162611	PRSS35;PRSS35	0.115432	0.613991	1.1712	1.1712	0.417114	1.29391	1.29391	0.0091083	0.357185	-2.79967	0.322242	1.37399	1.37399	0.561199	1.20028	1.20028	0.473314	1.25435	1.25435	0.0696319	1.87853	1.87853	0.363435	1.33671	1.33671	0.878246	0.953484	-1.04879	2.40507	3.67746	1.35915	1
cg20338399	BCOR;BCOR;BCOR;BCOR	0.115433	0.338159	0.545466	-1.83329	0.887585	1.09071	1.09071	0.974602	0.980647	-1.01974	0.118115	0.352884	-2.83379	0.27343	0.496755	-2.01307	0.772223	1.19503	1.19503	0.0424187	0.238182	-4.19847	0.00909031	0.130714	-7.65031	0.105557	0.337758	-2.9607	2.40507	14.354	5.30511	1
cg02034974	KLHL28;FAM179B	0.115435	0.109678	0.649905	-1.53869	0.960478	0.98783	-1.01232	0.630731	1.12714	1.12714	0.549679	0.861074	-1.16134	0.84139	1.05076	1.05076	0.00544223	0.405088	-2.4686	0.115797	0.655467	-1.52563	0.629651	0.886861	-1.12757	0.435895	1.21704	1.21704	2.40504	2.32585	0.859621	1
cg16072427	MTA1	0.115436	0.623351	0.83375	-1.1994	0.0609534	2.1723	2.1723	0.710987	1.1465	1.1465	0.545508	1.25198	1.25198	0.650796	0.845874	-1.18221	0.0730834	0.479855	-2.08396	0.0328157	0.39966	-2.50213	0.257863	1.54295	1.54295	0.231187	0.630449	-1.58617	2.40503	5.13936	1.89948	1
cg00031165	RUNDC3B;ABCB1;RUNDC3B;RUNDC3B	0.115437	0.557315	0.912992	-1.0953	0.621113	0.92643	-1.07941	0.223961	1.21646	1.21646	0.358026	0.865049	-1.156	0.836767	1.03215	1.03215	0.493691	0.898878	-1.1125	0.00369408	0.547839	-1.82535	0.212125	0.817437	-1.22334	0.737067	0.949631	-1.05304	2.40502	0.89603	0.33117	1
cg20307292	VWA3B	0.115441	0.394508	0.695185	-1.43847	0.021434	0.315958	-3.16497	0.881097	0.939508	-1.06439	0.220672	1.7105	1.7105	0.111921	0.485942	-2.05786	0.313004	0.647223	-1.54506	0.0801481	0.445156	-2.2464	0.0854583	0.452674	-2.2091	0.443322	1.38519	1.38519	2.40499	6.61997	2.44675	1
cg08692282	MORF4L1;MORF4L1	0.115442	0.977563	0.997083	-1.00293	0.275301	0.888793	-1.12512	0.0967671	0.827484	-1.20848	0.544972	0.938347	-1.0657	0.0325684	1.29672	1.29672	0.611795	0.948226	-1.0546	0.074707	1.22902	1.22902	0.146028	1.17598	1.17598	0.363019	1.10198	1.10198	2.40498	0.410961	0.151893	1
cg26713775	ATP5A1;HAUS1;HAUS1	0.115443	0.26698	1.55906	1.55906	0.360868	1.43432	1.43432	0.359781	1.43556	1.43556	0.114579	1.93285	1.93285	0.67016	1.17883	1.17883	0.0300544	2.664	2.664	0.356041	0.694517	-1.43985	0.0396959	0.401201	-2.49252	0.526632	1.27935	1.27935	2.40497	5.6164	2.07585	1
cg25008858	SPEG	0.115444	0.559446	1.21889	1.21889	0.77077	1.10294	1.10294	0.139685	0.586842	-1.70404	0.642304	0.854816	-1.16984	0.257669	1.48607	1.48607	0.624764	1.17977	1.17977	0.00737109	3.18375	3.18375	0.0909081	1.86744	1.86744	0.958941	1.01742	1.01742	2.40496	4.28384	1.58333	1
cg08288226	MIER3	0.115447	0.368839	1.6028	1.6028	0.293205	0.572249	-1.74749	0.546374	1.36521	1.36521	0.808105	0.88347	-1.1319	0.183799	0.484635	-2.06341	0.0102322	0.180761	-5.53216	0.295699	0.574038	-1.74205	0.118908	2.39312	2.39312	0.919784	0.950014	-1.05262	2.54782	10.2358	3.1247	1
cg00753739	USP6NL;USP6NL	0.115447	0.557125	0.946356	-1.05668	0.677018	0.961851	-1.03966	0.654547	1.04271	1.04271	0.751163	0.970892	-1.02998	0.0460654	1.23647	1.23647	0.684155	1.03871	1.03871	0.248623	1.11849	1.11849	0.185338	1.13931	1.13931	0.00706419	1.38164	1.38164	2.40493	0.328397	0.121379	1
cg11784319	THSD1P	0.115449	0.0789236	1.19032	1.19032	0.284046	0.905395	-1.10449	0.0880017	0.845241	-1.1831	0.932139	1.00763	1.00763	0.967624	1.00363	1.00363	0.14257	1.15114	1.15114	0.20415	0.887212	-1.12713	0.282744	1.10481	1.10481	0.0591322	1.2096	1.2096	2.40491	0.303745	0.112268	1
cg23245835	GPRIN1	0.11545	0.0240165	0.284866	-3.51043	0.526927	1.34856	1.34856	0.340396	0.632354	-1.58139	0.32853	0.624741	-1.60066	0.0619567	0.375151	-2.66559	0.683011	0.825706	-1.21108	0.0329591	0.312422	-3.2008	0.615786	1.2662	1.2662	0.0833738	0.409003	-2.44497	2.4049	8.28736	3.06314	1
cg09097632	PTPN6;PTPN6;PTPN6	0.11545	0.472962	0.820135	-1.21931	0.748593	0.916357	-1.09128	0.0430738	0.53137	-1.88193	0.0255943	0.486535	-2.05535	0.355974	0.772658	-1.29423	0.309786	0.751631	-1.33044	0.517108	1.19533	1.19533	0.023137	0.478232	-2.09104	0.099356	0.612194	-1.63347	2.4049	2.8106	1.03884	1
cg20742385	MCF2L;MCF2L;MCF2L	0.115457	0.312839	1.37708	1.37708	0.0140444	2.53294	2.53294	0.0585138	1.9253	1.9253	0.732927	0.900345	-1.11069	0.380005	1.31785	1.31785	0.0695544	1.86287	1.86287	0.0933658	1.76059	1.76059	0.20945	1.49996	1.49996	0.536905	0.825605	-1.21123	2.40484	3.57768	1.3224	1
cg20655644	RASGRF1;RASGRF1;RASGRF1	0.115462	0.204989	0.37086	-2.69643	0.164562	0.332911	-3.0038	0.0722542	0.225829	-4.42813	0.119716	0.285877	-3.49801	0.104398	0.268026	-3.73099	0.221208	0.385268	-2.59559	0.0113691	0.0953422	-10.4885	0.044466	0.180536	-5.53906	0.121707	0.288117	-3.47081	2.4048	20.9536	7.74511	1
cg16654419	SYCE1;SYCE1;SYCE1	0.115462	0.177204	2.03597	2.03597	0.00848705	5.28834	5.28834	0.510015	0.718006	-1.39275	0.958637	1.02604	1.02604	0.112028	2.35799	2.35799	0.932974	1.04258	1.04258	0.0401457	3.23987	3.23987	0.339648	1.62881	1.62881	0.751003	1.17094	1.17094	2.40479	9.35912	3.45944	1
cg14197892	FBRSL1	0.115471	0.0218438	0.58541	-1.70821	0.0204373	0.580647	-1.72222	0.0841448	0.689472	-1.45038	0.192347	0.76452	-1.30801	0.216428	0.776386	-1.28802	0.0917474	0.696794	-1.43514	0.7281	1.07027	1.07027	0.32885	0.821931	-1.21665	0.166213	0.750307	-1.33279	2.40471	1.44204	0.533043	1
cg11521274	NEK7	0.115472	0.974905	0.988495	-1.01164	0.143605	0.560962	-1.78265	0.246096	0.640026	-1.56244	0.989539	1.00483	1.00483	0.455612	1.32254	1.32254	0.551013	1.24847	1.24847	0.0449552	2.33153	2.33153	0.0152264	2.9937	2.9937	0.581066	1.22757	1.22757	2.4047	5.15419	1.90523	1
cg04075783	TCERG1L	0.115475	0.237975	0.636909	-1.57008	0.989946	0.995412	-1.00461	0.330769	0.69333	-1.44231	0.00733907	0.283281	-3.53006	0.0484148	0.439109	-2.27734	0.953047	1.02172	1.02172	0.0475708	0.437363	-2.28643	0.444397	0.752352	-1.32917	0.663704	0.852429	-1.17312	2.40468	5.0727	1.87512	1
cg11616380	CCDC48	0.115478	0.694344	0.948574	-1.05421	0.79974	1.03457	1.03457	0.0224368	1.44137	1.44137	0.552902	0.922886	-1.08356	0.78371	0.963886	-1.03747	0.987385	1.00212	1.00212	0.292646	1.15713	1.15713	0.0437437	1.36326	1.36326	0.0261632	1.4229	1.4229	2.40465	0.680582	0.25158	1
cg03065165	GJC2	0.115482	0.0774751	2.66957	2.66957	0.735533	0.843984	-1.18486	0.873692	0.923488	-1.08285	0.163497	2.10443	2.10443	0.666393	1.24235	1.24235	0.179085	2.04235	2.04235	0.0242367	3.83455	3.83455	0.037519	3.34518	3.34518	0.0492367	3.0742	3.0742	2.40461	9.53342	3.52413	1
cg02399098	AVIL	0.115482	0.0400705	0.141045	-7.08991	0.167481	0.296805	-3.36922	0.716933	0.740382	-1.35065	0.208432	0.334607	-2.98858	0.0402065	0.141291	-7.07761	0.241358	0.363319	-2.7524	0.020661	0.100191	-9.9809	0.0460937	0.151546	-6.59866	0.170958	0.300128	-3.33191	2.4046	25.9555	9.59476	1
cg26147351	PAPLN	0.115486	0.543726	0.475918	-2.1012	0.0414718	17.1263	17.1263	0.154269	6.31199	6.31199	0.489009	2.33772	2.33772	0.53292	0.466251	-2.14477	0.0674329	11.8899	11.8899	0.958504	0.939073	-1.06488	0.257918	4.16322	4.16322	0.0167901	33.9794	33.9794	2.40457	55.5877	20.5489	1
cg07214066	ZNF630	0.115487	?	?	?	0.0248228	0.271108	-3.68857	0.352646	0.626678	-1.59572	0.831832	1.10949	1.10949	0.535042	0.735687	-1.35927	0.0148019	0.231032	-4.32841	0.318351	1.65521	1.65521	0.969352	0.981403	-1.01895	0.967136	1.02033	1.02033	2.4286	8.16243	3.36096	1
cg12562660	GLI2	0.115493	0.148957	0.695721	-1.43736	0.909275	1.02708	1.02708	0.0280728	1.83697	1.83697	0.289561	0.772843	-1.29392	0.117797	0.671565	-1.48906	0.528098	1.16164	1.16164	0.0819703	1.57108	1.57108	0.813349	0.946066	-1.05701	0.321453	1.27139	1.27139	2.4045	2.09247	0.773538	1
cg07083543	CCDC38;AMDHD1	0.115494	0.954275	0.990375	-1.00972	0.506456	1.12042	1.12042	0.109594	1.3421	1.3421	0.899429	0.978898	-1.02156	0.630524	1.08518	1.08518	0.298149	1.19951	1.19951	0.00599507	0.545636	-1.83272	0.56577	0.906719	-1.10288	0.671694	0.930616	-1.07456	2.4045	1.0835	0.400547	1
cg00103685	FAM164C;FAM164C	0.115494	0.17888	0.82438	-1.21303	0.924544	0.98727	-1.01289	0.854641	0.975504	-1.02511	0.315886	0.869151	-1.15055	0.776924	0.962313	-1.03916	0.151784	0.812477	-1.2308	0.012565	0.657192	-1.52163	0.931636	1.01167	1.01167	0.0559538	1.3402	1.3402	2.4045	0.696498	0.25748	1
cg19821128	ZNF385B;ZNF385B	0.115496	0.628421	0.79972	-1.25044	0.0312126	0.313927	-3.18545	0.0122581	0.239345	-4.17808	0.333384	0.633005	-1.57977	0.838563	0.910748	-1.098	0.524705	0.744215	-1.3437	0.175153	1.93638	1.93638	0.789308	1.13059	1.13059	0.64995	1.23292	1.23292	2.40448	7.99839	2.95685	1
cg12919294	IQCJ;IQCJ	0.115503	0.7473	1.20272	1.20272	0.558093	1.40242	1.40242	0.295926	1.85678	1.85678	0.872532	0.912395	-1.09602	0.560328	1.39967	1.39967	0.976999	1.0166	1.0166	0.0104447	0.1587	-6.3012	0.575553	0.72398	-1.38125	0.031031	0.235612	-4.24427	2.40441	12.4153	4.58981	1
cg15075170	TMEFF1	0.115505	0.837117	1.02524	1.02524	0.323039	1.13154	1.13154	0.866077	0.979772	-1.02065	0.535161	1.079	1.079	0.0076704	0.660426	-1.51417	0.506367	0.921615	-1.08505	0.76446	0.964273	-1.03705	0.164865	1.19648	1.19648	0.155448	1.20206	1.20206	2.4044	0.558175	0.206353	1
cg24399337	LOC84856	0.115506	0.383164	0.681753	-1.46681	0.0106611	0.252772	-3.95613	0.889061	0.941963	-1.06161	0.492521	0.741867	-1.34795	0.0435751	0.370084	-2.70209	0.0664093	0.414004	-2.41544	0.0572664	0.397985	-2.51266	0.161521	0.527056	-1.89733	0.301357	0.632095	-1.58204	2.40439	6.98786	2.58337	1
cg14645650	RUNX3;RUNX3	0.115508	0.142371	0.752632	-1.32867	0.154177	1.31637	1.31637	0.622226	0.914397	-1.09362	0.552597	0.897394	-1.11434	0.109117	0.729908	-1.37003	0.269634	1.23017	1.23017	0.0442991	1.51634	1.51634	0.149009	0.756642	-1.32163	0.335794	0.836232	-1.19584	2.40437	1.23652	0.457138	1
cg10797129	FLJ32810	0.115512	0.616742	1.11115	1.11115	0.798454	1.0549	1.0549	0.826998	1.04678	1.04678	?	?	?	0.163765	0.733149	-1.36398	0.522413	1.14501	1.14501	0.335449	0.812635	-1.23057	0.0230235	1.7645	1.7645	0.0488619	0.625097	-1.59975	2.42836	1.4916	0.614241	1
cg24741299	EDC3;EDC3;EDC3	0.115512	0.233977	0.869913	-1.14954	0.220531	0.866006	-1.15473	0.56455	0.93702	-1.06721	0.662354	0.952108	-1.0503	0.554131	1.06912	1.06912	0.0110839	1.42727	1.42727	0.765319	0.967116	-1.034	0.860857	1.01979	1.01979	0.0679508	1.25652	1.25652	2.40433	0.475055	0.17563	1
cg11153239	GAP43;GAP43	0.115513	0.163785	0.633006	-1.57976	0.00593586	0.33046	-3.02609	0.430157	0.780507	-1.28122	0.257596	1.43844	1.43844	0.934465	0.97501	-1.02563	0.386002	1.31453	1.31453	0.839454	0.939485	-1.06441	0.47744	0.80069	-1.24892	0.433813	1.27861	1.27861	2.40432	3.606	1.33315	1
cg02957305	TRIM9	0.115518	0.0357015	0.266263	-3.75569	0.0176314	0.209502	-4.77321	0.531448	0.70952	-1.4094	0.563143	0.72873	-1.37225	0.0742973	0.34075	-2.9347	0.341798	0.58845	-1.69938	0.234853	0.509626	-1.96222	0.0371921	0.269956	-3.7043	0.744955	1.19328	1.19328	2.40428	11.1597	4.12586	1
cg17190864	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.115521	0.678335	1.07839	1.07839	0.189637	0.777699	-1.28584	0.548584	0.895973	-1.1161	0.14751	1.32476	1.32476	0.296867	1.21618	1.21618	0.0464532	1.51093	1.51093	0.0270542	0.622727	-1.60584	0.837871	1.03777	1.03777	0.615657	1.09592	1.09592	2.40425	1.24693	0.461011	1
cg01971813	PKLR;PKLR	0.115523	0.0347886	26.7453	26.7453	0.0845831	12.7808	12.7808	0.0574832	17.63	17.63	0.578907	2.11443	2.11443	0.0576003	17.6002	17.6002	0.90666	0.854987	-1.16961	0.649279	1.84323	1.84323	0.12227	9.36432	9.36432	0.028891	31.2212	31.2212	2.40423	67.9306	25.1152	1
cg00060880	WIBG;WIBG;WIBG	0.115524	0.215035	0.850461	-1.17583	0.815893	1.02937	1.02937	0.519788	1.08435	1.08435	0.538235	1.08041	1.08041	0.584228	1.07099	1.07099	0.577644	1.07231	1.07231	0.331891	0.883166	-1.13229	0.797244	0.968552	-1.03247	0.00405814	1.6142	1.6142	2.40422	0.586522	0.216849	1
cg12426496	GNG12	0.115527	0.205722	0.615625	-1.62437	0.0314972	0.399857	-2.50089	0.528909	0.793086	-1.2609	0.734434	0.883612	-1.13172	0.00620964	0.273472	-3.65668	0.288312	0.66992	-1.49272	0.385373	0.723682	-1.38182	0.958396	1.01914	1.01914	0.112676	0.533915	-1.87296	2.40419	5.02851	1.85917	1
cg23431468	R3HDM1;ZRANB3	0.115529	0.879556	1.02674	1.02674	0.919141	1.01783	1.01783	0.186395	1.27604	1.27604	0.106912	0.736172	-1.35838	0.63609	1.08648	1.08648	0.676788	1.07568	1.07568	0.509668	0.890126	-1.12344	0.0448144	1.49298	1.49298	0.016222	1.66805	1.66805	2.40417	1.15307	0.426322	1
cg14151096	TBCC	0.115531	0.970604	1.00718	1.00718	0.481126	0.870243	-1.1491	0.0200089	0.579953	-1.72428	0.687912	1.08152	1.08152	0.140045	1.36089	1.36089	0.0549593	0.655477	-1.52561	0.931323	1.01687	1.01687	0.57517	1.11617	1.11617	0.158001	1.34039	1.34039	2.40415	1.43429	0.530301	1
cg13872712	JAK2	0.115534	0.639502	1.16807	1.16807	0.363036	0.735024	-1.3605	0.235435	0.663992	-1.50604	0.0162857	2.63115	2.63115	0.698177	0.879567	-1.13692	0.582171	1.20081	1.20081	0.043635	2.14657	2.14657	0.188119	1.58294	1.58294	0.551103	0.819873	-1.2197	2.40413	4.12917	1.5267	1
cg09861373	RAP1GAP;RAP1GAP	0.115536	0.112123	3.31079	3.31079	0.142446	0.3391	-2.94899	0.0244032	0.138048	-7.24385	0.168408	0.367619	-2.72021	0.536118	1.51102	1.51102	0.941218	1.04938	1.04938	0.388405	1.79869	1.79869	0.486354	0.626848	-1.59528	0.0885407	0.269202	-3.71468	3.05862	18.9832	3.44803	1
cg21821108	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.115538	0.0593505	0.515477	-1.93995	0.22031	0.669519	-1.49361	0.787047	0.919158	-1.08795	0.423897	0.775488	-1.28951	0.0075807	0.343274	-2.91312	0.132301	0.603106	-1.65808	0.0566531	0.510859	-1.95749	0.813691	0.92914	-1.07626	0.155896	0.623357	-1.60422	2.40409	3.69022	1.36442	1
cg07035503	NEUROG1	0.11554	0.922024	1.20047	1.20047	0.314135	6.97713	6.97713	?	?	?	0.0226303	162.969	162.969	0.738121	1.87047	1.87047	0.843513	0.691544	-1.44604	0.968361	1.07682	1.07682	0.0101685	423.556	423.556	0.763283	0.569115	-1.75712	2.42809	119.042	49.0271	1
cg10481660	EN2	0.115542	0.21623	1.30235	1.30235	0.101885	1.43833	1.43833	0.324987	0.813569	-1.22915	0.375316	1.20287	1.20287	0.051614	1.56786	1.56786	0.747032	1.0679	1.0679	0.0690633	0.661694	-1.51127	0.0678313	1.51472	1.51472	0.761982	1.06361	1.06361	2.40405	1.569	0.580131	1
cg11060461	MYH6	0.115542	0.702478	0.94128	-1.06238	0.184999	1.24815	1.24815	0.151083	1.27456	1.27456	0.517625	0.901737	-1.10897	0.572295	1.09414	1.09414	0.790388	0.958864	-1.0429	0.0053283	1.78404	1.78404	0.121141	1.30344	1.30344	0.529183	1.10574	1.10574	2.40405	0.946625	0.350012	1
cg20321265	PADI1	0.115543	0.20229	0.377089	-2.65189	0.196841	0.372132	-2.68722	0.114803	0.288701	-3.46379	0.0879845	0.255618	-3.91208	0.0169648	0.121311	-8.24325	0.311049	0.467993	-2.13678	0.0136521	0.109701	-9.11566	0.181097	0.357493	-2.79726	0.460126	0.579949	-1.72429	2.40404	19.9828	7.3886	1
cg05102817	RBM18;RBM18;MRRF;RBM18;MRRF	0.115545	0.0596647	0.214504	-4.66191	0.408118	0.541794	-1.84572	0.0787302	0.243103	-4.11348	0.84079	0.864427	-1.15684	0.0439093	0.186867	-5.3514	0.397656	0.534029	-1.87256	0.0102144	0.0957866	-10.4399	0.554181	0.648305	-1.54248	0.116843	0.291111	-3.43511	2.40403	19.9762	7.38621	1
cg25552893	MTR	0.115546	0.0801761	0.642568	-1.55626	0.043993	1.69446	1.69446	0.261913	1.30545	1.30545	0.357986	0.806235	-1.24033	0.254149	0.762376	-1.31169	0.464152	0.843866	-1.18502	0.103286	0.666304	-1.50082	0.194263	0.731322	-1.36739	0.20934	0.739714	-1.35187	2.40401	1.97663	0.730863	1
cg25940485	MIR942;TTF2	0.115547	0.0340634	0.281932	-3.54695	0.91605	1.05545	1.05545	0.318284	0.589803	-1.69548	0.316015	0.588242	-1.69998	0.98489	1.00974	1.00974	0.045925	3.22528	3.22528	0.108876	0.408613	-2.4473	0.224177	1.92239	1.92239	0.390172	0.637186	-1.5694	2.40401	9.97478	3.68821	1
cg14642291	NFKBIL1;ATP6V1G2;NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1;ATP6V1G2	0.115548	0.478398	0.798573	-1.25223	0.030643	0.44439	-2.25028	0.218636	0.666353	-1.50071	0.810829	0.928049	-1.07753	0.661106	0.871567	-1.14736	0.00762727	0.328799	-3.04137	0.815011	1.07571	1.07571	0.664647	1.14558	1.14558	0.639356	1.15846	1.15846	2.54675	3.82672	1.16868	1
cg15096465	DIP2C	0.115549	0.561274	0.874108	-1.14402	0.123575	0.682455	-1.4653	0.11494	0.675275	-1.48088	0.245363	0.757052	-1.32091	0.0740312	0.63379	-1.57781	0.24924	0.758931	-1.31764	0.0270124	1.82167	1.82167	0.694066	1.09478	1.09478	0.651228	0.901011	-1.10986	2.40399	1.9976	0.738626	1
cg03704073	LOC399959	0.115551	0.896571	0.929484	-1.07587	0.252876	1.95712	1.95712	0.527801	1.43285	1.43285	0.0243121	4.52365	4.52365	0.217359	0.482045	-2.0745	0.380768	1.65779	1.65779	0.876128	1.09167	1.09167	0.0155726	5.30056	5.30056	0.189146	2.18613	2.18613	2.40397	12.0363	4.45054	1
cg21204356	NAP1L4	0.115558	0.143542	0.583811	-1.71288	0.223638	0.645468	-1.54926	0.947095	1.02298	1.02298	0.262107	0.670057	-1.49241	0.235079	0.653033	-1.53132	0.72264	0.885123	-1.12979	0.439255	1.31011	1.31011	0.167351	0.604122	-1.6553	0.00493734	0.279467	-3.57824	2.40391	4.46379	1.65057	1
cg05056142	PREX2;PREX2	0.115559	0.317997	2.09778	2.09778	0.758253	1.24807	1.24807	0.701503	1.31843	1.31843	0.906927	1.08758	1.08758	0.475107	0.593731	-1.68427	0.300726	2.15916	2.15916	0.00397598	0.0620646	-16.1122	0.963602	1.0333	1.0333	0.55581	1.53369	1.53369	2.40389	19.6163	7.25352	1
cg23791611	STAT4;STAT4	0.11556	0.793138	1.12488	1.12488	0.00299719	6.18856	6.18856	0.936951	1.03606	1.03606	0.872672	1.07446	1.07446	0.451869	1.40945	1.40945	0.883372	1.06794	1.06794	0.113102	2.16437	2.16437	0.189677	1.86272	1.86272	0.249769	1.71357	1.71357	2.40388	7.63335	2.8226	1
cg12513140	TSC22D2	0.115561	0.157392	0.634773	-1.57537	0.593707	0.850561	-1.17569	0.0605267	0.529315	-1.88923	0.322418	1.35968	1.35968	0.517985	0.821184	-1.21775	0.182626	0.653679	-1.5298	0.49803	0.813199	-1.22971	0.0782912	1.80032	1.80032	0.0392485	0.48819	-2.04838	2.40388	3.44009	1.27205	1
cg12075498	JAK1	0.115561	0.838593	0.901146	-1.1097	0.55814	1.35289	1.35289	0.899649	1.0665	1.0665	0.536189	0.72638	-1.37669	0.00659106	0.165233	-6.05204	0.95077	1.03201	1.03201	0.673809	1.24118	1.24118	0.662779	1.25099	1.25099	0.0334733	0.281412	-3.5535	2.40388	9.91589	3.66663	1
cg25760325	TRIML1	0.115563	0.185662	0.331144	-3.01984	0.108851	0.2523	-3.96354	0.165008	0.311488	-3.21039	0.222067	0.363988	-2.74734	0.0183252	0.104932	-9.52999	0.0978949	0.239321	-4.17848	0.0291546	0.132069	-7.5718	0.170724	0.317016	-3.15441	0.0502808	0.17249	-5.79745	2.40385	23.6116	8.731	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13895322	PTMS	0.115566	0.171531	0.446544	-2.23942	0.547987	1.40032	1.40032	0.549245	1.39881	1.39881	0.632249	0.765642	-1.30609	0.106002	0.37613	-2.65866	0.237422	0.503839	-1.98476	0.00830422	0.154312	-6.48036	0.086773	0.350759	-2.85096	0.274781	0.532948	-1.87635	2.40383	11.6783	4.3184	1
cg18336854	TUSC3;TUSC3	0.115567	0.744871	0.881586	-1.13432	0.654675	1.18978	1.18978	0.903523	0.954273	-1.04792	0.0206123	2.93365	2.93365	0.127031	0.528875	-1.89081	0.410063	1.38427	1.38427	0.868794	0.93818	-1.06589	0.0193715	2.97842	2.97842	0.723802	1.14677	1.14677	2.40382	5.67203	2.09741	1
cg03739378	ATXN7L1;ATXN7L1	0.115568	0.0575681	0.179355	-5.57555	0.0602199	0.183417	-5.45206	0.627027	0.675822	-1.47968	0.348555	0.461985	-2.16457	0.0683457	0.195349	-5.11904	0.15361	0.294494	-3.39565	0.0090488	0.070322	-14.2203	0.277001	0.404664	-2.47118	0.185577	0.325236	-3.07469	2.40381	24.3759	9.01381	1
cg23586440	C20orf112	0.115569	0.496429	1.53613	1.53613	0.391331	1.72627	1.72627	0.736954	1.23314	1.23314	0.0104275	7.42372	7.42372	0.977224	0.98241	-1.0179	0.80183	1.16921	1.16921	0.690524	1.28246	1.28246	0.0133173	6.72787	6.72787	0.105255	3.005	3.005	2.4038	14.7117	5.44015	1
cg02971882	UTP3	0.11557	0.951637	0.990794	-1.00929	0.688938	0.940488	-1.06328	0.632329	0.929134	-1.07627	0.515746	1.10571	1.10571	0.113615	1.30017	1.30017	0.231817	0.825951	-1.21073	0.920553	0.984903	-1.01533	0.147487	0.789003	-1.26742	0.00976888	1.6458	1.6458	2.40379	0.885164	0.327321	1
cg04032871	QPCTL;SNRPD2;QPCTL;SNRPD2	0.115577	0.116921	0.824534	-1.21281	0.431993	0.913163	-1.0951	0.707866	0.958256	-1.04356	0.0267147	0.742761	-1.34633	0.17852	0.850518	-1.17575	0.0431637	0.768344	-1.3015	0.0147298	0.711747	-1.40499	0.764379	0.966523	-1.03464	0.179908	0.851011	-1.17507	2.40373	0.488479	0.180637	1
cg22863628	BAT2	0.115577	0.835409	1.12811	1.12811	0.544474	1.42676	1.42676	0.0404049	0.253684	-3.94191	0.0670531	0.304431	-3.28482	0.335109	0.562184	-1.77878	0.107738	0.361688	-2.76481	0.0256686	0.215326	-4.64411	0.995218	0.996534	-1.00348	0.0880039	0.335924	-2.97686	2.40373	12.7802	4.72605	1
cg13120258	NXN	0.115581	0.169676	1.77243	1.77243	0.799118	0.905038	-1.10493	0.675196	0.847986	-1.17927	0.477794	1.3263	1.3263	0.00902901	0.2729	-3.66434	0.776145	0.894452	-1.118	0.650392	1.19545	1.19545	0.321563	1.49285	1.49285	0.0949873	0.487782	-2.05009	2.40369	5.82808	2.15523	1
cg24917527	FZD2	0.115581	0.736677	1.11343	1.11343	0.0159676	2.63716	2.63716	0.190919	1.55979	1.55979	0.269244	0.69185	-1.4454	0.728379	1.11739	1.11739	0.368227	0.744319	-1.34351	0.192575	0.642317	-1.55686	0.555065	0.826727	-1.20959	0.0936001	1.81396	1.81396	2.54641	3.99719	1.22091	1
cg24556026	GNE;GNE	0.115583	0.108637	0.654069	-1.52889	0.21958	0.731112	-1.36778	0.213628	0.727823	-1.37396	0.924964	1.02312	1.02312	0.0040195	0.391562	-2.55388	0.228072	0.7357	-1.35925	0.214411	0.728259	-1.37314	0.399624	0.811243	-1.23268	0.15016	0.687821	-1.45387	2.40367	2.24058	0.828578	1
cg05672380	ALKBH6;ALKBH6	0.115586	0.55362	0.92781	-1.07781	0.695744	1.05037	1.05037	0.583094	0.933033	-1.07177	0.85433	1.02325	1.02325	0.561445	1.07618	1.07618	0.502876	0.918491	-1.08874	0.233622	0.855428	-1.169	0.00332788	0.606667	-1.64835	0.457151	1.09932	1.09932	2.40364	0.595266	0.220135	1
cg07662964	BRD1;LOC90834	0.115586	0.193163	1.68217	1.68217	0.0120551	3.26217	3.26217	0.838856	1.07993	1.07993	0.139778	1.82227	1.82227	0.158263	0.565714	-1.76768	0.125673	1.86989	1.86989	0.389022	0.716483	-1.39571	0.978211	0.989738	-1.01037	0.61829	1.20891	1.20891	2.40364	5.42992	2.00804	1
cg00443163	ING4;ING4;ING4;ING4;ING4;ING4	0.115592	0.870146	1.04896	1.04896	0.0154606	2.38205	2.38205	0.0228197	2.21642	2.21642	0.45025	1.25202	1.25202	0.77861	0.920957	-1.08583	0.808039	0.931356	-1.0737	0.649186	0.874766	-1.14316	0.205951	0.677199	-1.47667	0.382988	1.29871	1.29871	2.40359	3.24926	1.20163	1
cg10781704	NRBF2	0.115594	0.14826	0.591822	-1.6897	0.0142938	0.359924	-2.77836	0.398596	0.746528	-1.33953	0.515564	1.24982	1.24982	0.029752	0.420961	-2.37552	0.588574	0.831339	-1.20288	0.475595	0.782406	-1.27811	0.255374	1.49427	1.49427	0.533125	0.807742	-1.23802	2.40357	4.35519	1.61064	1
cg02187816	ELF2;ELF2	0.115596	?	?	?	0.98135	1.00909	1.00909	0.10741	1.97379	1.97379	0.560042	1.25614	1.25614	0.241033	1.60792	1.60792	0.189416	0.583959	-1.71245	0.0209662	0.341358	-2.92947	0.445675	1.35098	1.35098	0.277348	0.645859	-1.54832	2.42756	5.1175	2.10808	1
cg19219624	TAC1;TAC1;TAC1;TAC1	0.115596	0.805207	1.11008	1.11008	0.198227	1.77667	1.77667	0.721605	1.16325	1.16325	0.857615	1.07886	1.07886	0.558223	1.28436	1.28436	0.649695	0.824264	-1.2132	0.846428	1.08541	1.08541	0.00253733	5.87548	5.87548	0.236407	1.6894	1.6894	2.40355	6.80047	2.51498	1
cg15157628	C10orf128	0.115598	0.329135	1.23818	1.23818	0.0571228	1.57866	1.57866	0.818973	1.04983	1.04983	0.773528	1.06312	1.06312	0.356708	0.817843	-1.22273	0.023968	1.77063	1.77063	0.0925992	1.48083	1.48083	0.985435	0.996135	-1.00388	0.129605	0.706553	-1.41532	2.40353	1.71295	0.633495	1
cg00402533	HECW2	0.1156	0.477712	0.702804	-1.42287	0.528336	1.36631	1.36631	0.794897	0.880488	-1.13573	0.113662	2.31855	2.31855	0.0508545	0.337284	-2.96486	0.0930437	0.405452	-2.46638	0.025167	0.272287	-3.6726	0.744009	0.852068	-1.17362	0.259301	0.562729	-1.77705	2.40352	9.08622	3.36034	1
cg22838882	PISRT1	0.115601	0.166015	0.412392	-2.42488	0.0110223	0.147753	-6.76803	0.0260705	0.205259	-4.8719	0.559844	0.702176	-1.42414	0.10217	0.34209	-2.92321	0.120549	0.36432	-2.74484	0.158239	0.404712	-2.47089	0.127663	0.372415	-2.68518	0.370227	0.575915	-1.73637	2.4035	13.6887	5.06251	1
cg20986280	CLSTN3;RBP5	0.115601	0.478491	1.18051	1.18051	0.0110672	2.08292	2.08292	0.700916	1.09295	1.09295	0.821061	0.949164	-1.05356	0.547535	0.86921	-1.15047	0.640018	0.897199	-1.11458	0.0914147	0.651745	-1.53434	0.138803	0.692835	-1.44335	0.371281	1.23544	1.23544	2.4035	2.01898	0.746682	1
cg17556389	COL11A2;COL11A2;COL11A2;COL11A2	0.115603	0.523215	0.873413	-1.14493	0.574353	0.888062	-1.12605	0.799894	0.948252	-1.05457	0.767028	1.06412	1.06412	0.357982	0.820579	-1.21865	0.674841	0.915521	-1.09227	0.00310729	2.33076	2.33076	0.747664	1.06986	1.06986	0.730136	1.07513	1.07513	2.40349	1.6658	0.616068	1
cg16632994	UBLCP1;UBLCP1	0.115603	0.957838	1.01437	1.01437	0.930723	0.976806	-1.02374	0.169678	0.673817	-1.48408	0.976587	1.00795	1.00795	0.106457	1.60924	1.60924	0.456399	1.22718	1.22718	0.0186997	0.4634	-2.15796	0.81136	0.937506	-1.06666	0.0654359	1.74735	1.74735	2.40349	2.77278	1.02547	1
cg22873892	GALK2;COPS2;COPS2	0.115604	0.751076	1.075	1.075	0.301247	1.27558	1.27558	0.155183	1.41295	1.41295	0.0110055	2.06446	2.06446	0.424164	1.20381	1.20381	0.0639135	0.622975	-1.6052	0.959535	1.0116	1.0116	0.254513	1.31046	1.31046	0.36935	1.23307	1.23307	2.40348	1.9658	0.727018	1
cg04195831	MST1P9	0.115605	0.0669035	0.459523	-2.17617	0.501327	1.29479	1.29479	0.100911	1.9741	1.9741	0.445278	0.744862	-1.34253	0.0193221	0.342671	-2.91825	0.431195	1.35544	1.35544	0.333299	0.685379	-1.45905	0.272863	0.649205	-1.54034	0.91353	0.959715	-1.04198	2.40346	5.45484	2.0174	1
cg18804147	UNC84A;UNC84A	0.115606	0.776751	0.88649	-1.12804	0.399206	0.693653	-1.44164	0.683192	0.840378	-1.18994	0.04576	2.63948	2.63948	0.0497488	0.387287	-2.58206	0.359315	0.670684	-1.49102	0.466149	0.730291	-1.36932	0.0567935	2.49361	2.49361	0.343009	1.5129	1.5129	2.40346	6.8374	2.52873	1
cg02077977	GNPAT;C1orf131	0.115607	0.464483	0.846417	-1.18145	0.916652	0.976827	-1.02372	0.323196	0.795696	-1.25676	0.027894	0.558818	-1.78949	0.0181505	0.525966	-1.90126	0.0599742	0.621712	-1.60846	0.0499472	0.606087	-1.64993	0.915945	1.02393	1.02393	0.708421	0.919303	-1.08778	2.40345	1.90943	0.706181	1
cg06887663	SNAPC1	0.115612	0.0753741	1.44507	1.44507	0.594037	1.10522	1.10522	0.958111	0.99028	-1.00982	0.0440632	1.53762	1.53762	0.120581	1.36765	1.36765	0.0504031	1.51393	1.51393	0.219526	0.786549	-1.27138	0.276098	0.810031	-1.23452	0.375037	1.18449	1.18449	2.4034	1.31635	0.486848	1
cg03368046	FAM186A	0.115621	0.137098	0.447065	-2.23681	0.0620061	0.347701	-2.87604	0.169186	0.478859	-2.0883	0.455442	0.682376	-1.46547	0.0334881	0.286827	-3.48642	0.0734955	0.366711	-2.72695	0.0149284	0.222061	-4.50327	0.121323	0.429798	-2.32667	0.307167	0.587751	-1.7014	2.40332	9.61993	3.55802	1
cg20530056	IKBKE	0.115622	0.475552	1.49398	1.49398	0.00902837	6.27446	6.27446	0.0974303	2.73555	2.73555	0.863608	1.09981	1.09981	0.15587	2.31655	2.31655	0.17375	2.22721	2.22721	0.0640778	3.16257	3.16257	0.416407	0.631558	-1.58339	0.320675	1.76427	1.76427	2.40331	11.653	4.30997	1
cg03716405	EIF4A3	0.115624	0.137253	0.402319	-2.48559	0.483921	1.4988	1.4988	0.739139	0.826877	-1.20937	0.471965	0.659556	-1.51617	0.111257	0.372751	-2.68275	0.0909658	0.346745	-2.88396	0.0351972	0.247714	-4.03691	0.0278859	0.228069	-4.38464	0.0666161	0.310381	-3.22185	2.40329	12.3164	4.55537	1
cg02981992	COL19A1	0.115626	0.0444078	0.246863	-4.05083	0.688683	1.27638	1.27638	0.920881	1.06205	1.06205	0.59593	0.723053	-1.38302	0.0990371	0.334273	-2.99157	0.433375	0.616059	-1.62322	0.0166424	0.170045	-5.88081	0.287292	1.95321	1.95321	0.124284	0.36478	-2.74138	2.40327	13.9748	5.1688	1
cg25795456	PRPF31;TFPT	0.115627	0.0179371	0.219634	-4.55302	0.329081	0.58812	-1.70033	0.413535	0.643692	-1.55354	0.104189	0.39213	-2.55018	0.0738469	0.349925	-2.85775	0.0671361	0.339142	-2.94861	0.0208078	0.230782	-4.3331	0.201401	0.49115	-2.03604	0.278666	0.55233	-1.81051	2.40326	10.5708	3.90979	1
cg18464137	SEMA3E	0.115627	0.184601	0.486379	-2.05601	0.00676227	0.165604	-6.03849	0.41914	0.655193	-1.52627	0.319775	1.69317	1.69317	0.0992572	0.396305	-2.52331	0.407423	0.647879	-1.5435	0.622917	1.28899	1.28899	0.976124	1.01545	1.01545	0.215055	0.512506	-1.9512	2.40326	9.98561	3.69336	1
cg10702238	DLGAP2	0.115628	0.831324	1.06328	1.06328	0.0353364	0.494115	-2.02382	0.878905	1.04483	1.04483	0.484491	1.22675	1.22675	0.0644607	0.550166	-1.81763	0.0967719	1.68948	1.68948	0.18918	1.49201	1.49201	0.363898	0.764595	-1.30788	0.229121	0.695558	-1.43769	2.40325	3.14964	1.16495	1
cg15893070	SLC40A1	0.115628	0.638833	0.893335	-1.1194	0.593838	0.879471	-1.13705	0.843043	0.953799	-1.04844	0.913195	0.974317	-1.02636	0.813103	0.945055	-1.05814	0.0191714	0.508525	-1.96647	0.141044	1.45897	1.45897	0.0976229	1.54291	1.54291	0.0635915	0.607956	-1.64486	2.40325	2.16701	0.80151	1
cg26380756	JOSD1	0.115628	0.222286	0.577827	-1.73062	0.775604	0.886797	-1.12765	0.239214	1.69278	1.69278	0.345596	1.51029	1.51029	?	?	?	?	?	?	0.027639	3.20565	3.20565	0.0851976	0.436294	-2.29203	0.94238	1.03082	1.03082	2.79576	5.78486	1.77356	1
cg21448870	RYBP	0.115633	0.10918	2.91534	2.91534	0.602375	1.37985	1.37985	0.945523	0.959005	-1.04275	0.353411	1.79477	1.79477	0.178124	2.40234	2.40234	0.067555	3.5061	3.5061	0.0120733	6.80136	6.80136	0.073757	3.39045	3.39045	0.0522921	3.86527	3.86527	2.40321	14.2811	5.28224	1
cg05998339	MTMR9	0.115634	0.865777	0.97771	-1.0228	0.960895	0.993488	-1.00655	0.422309	0.896533	-1.11541	0.234519	0.847004	-1.18063	0.993042	1.00116	1.00116	0.739346	0.956481	-1.0455	0.031087	0.713763	-1.40103	0.12553	1.24723	1.24723	0.027401	1.41582	1.41582	2.4032	0.675821	0.249971	1
cg07967665	GTF3C1	0.115634	0.689579	0.942161	-1.06139	0.881777	1.02233	1.02233	0.190034	0.813866	-1.2287	0.165585	0.802965	-1.24538	0.0944401	0.761243	-1.31364	0.213527	1.21455	1.21455	0.102668	1.30341	1.30341	0.800087	0.963046	-1.03837	0.0267319	0.677386	-1.47626	2.4032	0.838117	0.310001	1
cg05337966	C13orf1;C13orf1;C13orf1	0.115638	0.324083	0.559224	-1.78819	0.0327463	4.16074	4.16074	0.13107	2.5355	2.5355	0.093557	0.349048	-2.86493	0.82595	0.881891	-1.13393	0.335972	0.567676	-1.76157	0.458853	0.650217	-1.53795	0.114898	0.375915	-2.66018	0.317129	0.554228	-1.80431	2.40316	12.3963	4.58518	1
cg16318181	C3orf26;FILIP1L;FILIP1L;MIR548G	0.115638	0.420662	0.804379	-1.2432	0.076128	0.593219	-1.68572	0.976934	0.992379	-1.00768	0.859771	0.954288	-1.0479	0.0332429	1.93195	1.93195	0.9618	0.987407	-1.01275	0.0259469	2.01273	2.01273	0.520792	1.18794	1.18794	0.381102	1.26834	1.26834	2.40316	2.66476	0.985653	1
cg18167466	ACOT7;ACOT7;ACOT7;ACOT7	0.115639	0.248886	0.422743	-2.3655	0.116401	0.295589	-3.38308	0.441381	1.7521	1.7521	0.707138	0.76367	-1.30947	0.0543762	0.210255	-4.75614	0.185303	0.36661	-2.7277	0.0195186	0.133122	-7.51188	0.0357379	0.174522	-5.72995	0.356437	0.507846	-1.9691	2.40315	19.4231	7.1843	1
cg18575730	HS6ST3	0.11564	0.371197	0.565654	-1.76786	0.134743	2.71996	2.71996	0.18262	2.40523	2.40523	0.339084	0.542565	-1.8431	0.0319238	0.210131	-4.75893	0.161071	0.395001	-2.53164	0.0558915	0.2608	-3.83436	0.656086	0.7572	-1.32066	0.442528	0.615155	-1.62561	2.40315	14.6555	5.42087	1
cg10449894	DHX16;DHX16	0.115645	0.0256763	1.4294	1.4294	0.0846494	1.29316	1.29316	0.730243	0.954412	-1.04777	0.86299	1.02356	1.02356	0.327796	0.872695	-1.14588	0.907817	1.01574	1.01574	0.0282748	1.41782	1.41782	0.919516	1.01372	1.01372	0.296943	0.864352	-1.15694	2.4031	0.691643	0.255834	1
ch.22.569473R	FOXRED2;FOXRED2	0.115646	0.186663	0.840138	-1.19028	0.00802398	0.655281	-1.52606	0.117039	0.809071	-1.23598	0.0688413	0.776169	-1.28838	0.16737	0.832649	-1.20099	0.172369	0.834654	-1.1981	0.669276	1.05492	1.05492	0.137935	0.819731	-1.21991	0.68937	0.951232	-1.05127	2.40309	0.589323	0.217988	1
cg19763814	ZC3H15	0.115649	0.249343	0.807534	-1.23834	0.902751	1.02194	1.02194	0.020611	1.64063	1.64063	0.195511	0.784215	-1.27516	0.102401	0.728075	-1.37349	0.263425	0.813021	-1.22998	0.980918	0.995763	-1.00426	0.136699	1.32931	1.32931	0.779307	1.05114	1.05114	2.40306	1.19982	0.443811	1
cg12292060	GABBR1;GABBR1	0.115651	0.0173016	0.213562	-4.68247	0.472831	1.47523	1.47523	0.782192	1.15902	1.15902	0.56462	0.733396	-1.36352	0.056678	0.317045	-3.15413	0.193623	0.480732	-2.08016	0.0755773	0.348783	-2.86711	0.232039	0.513023	-1.94923	0.0765465	0.350264	-2.85499	2.40304	10.7918	3.99191	1
cg09284266	RNF128;RNF128	0.115653	0.113281	0.319175	-3.13308	0.264286	0.46253	-2.16202	0.0958047	0.297529	-3.36101	0.123772	3.01808	3.01808	0.281588	0.476376	-2.09918	0.0128321	0.129006	-7.75155	0.388454	0.556708	-1.79627	0.861829	0.890974	-1.12237	0.94798	1.04419	1.04419	2.40302	16.7121	6.18188	1
cg09516476	GCM2	0.115654	0.166944	2.84717	2.84717	0.790235	1.20843	1.20843	0.0163117	8.0478	8.0478	0.409323	1.82071	1.82071	0.0785475	0.24969	-4.00497	0.522684	1.58415	1.58415	0.612203	0.695575	-1.43766	0.0802551	3.9669	3.9669	0.805738	0.83948	-1.19121	2.40301	19.1915	7.09905	1
cg25906537	TYRO3	0.115654	0.0600136	0.333909	-2.99483	0.0132661	0.204609	-4.88736	0.0661895	0.344596	-2.90195	0.377515	0.626167	-1.59702	0.52994	0.719675	-1.38952	0.127443	0.426504	-2.34465	0.171244	0.470888	-2.12365	0.339824	1.66295	1.66295	0.745147	0.844831	-1.18367	2.40301	10.1723	3.76279	1
cg08085597	HCG27	0.115656	0.111023	3.30541	3.30541	0.177394	2.68359	2.68359	0.191291	2.59281	2.59281	0.415927	0.564075	-1.77281	0.0521605	0.218489	-4.57688	0.100293	0.289426	-3.45512	0.270058	2.20526	2.20526	0.829404	0.861923	-1.1602	0.273037	2.19361	2.19361	2.403	18.0469	6.67572	1
cg03437748	IGF1R	0.115657	0.857955	0.88161	-1.13429	0.596358	1.45706	1.45706	0.133915	0.316591	-3.15865	0.131523	0.31394	-3.18532	0.114941	0.294869	-3.39134	0.982683	1.01538	1.01538	0.0948697	0.269841	-3.70589	0.0580252	4.64607	4.64607	0.149173	3.00294	3.00294	2.54562	19.5182	5.96351	1
cg15094908	GALNTL4	0.115658	0.775334	0.849844	-1.17669	0.0873643	2.92451	2.92451	0.482189	1.50103	1.50103	0.531838	0.697622	-1.43344	0.630626	1.31716	1.31716	0.6941	1.25201	1.25201	0.00565982	0.126919	-7.87904	0.74826	0.832695	-1.20092	0.616374	0.750354	-1.3327	2.40297	12.304	4.55141	1
cg13027937	ACTR3B;ACTR3B	0.115659	0.0499374	0.252846	-3.95498	0.100958	3.01828	3.01828	0.0293986	4.84363	4.84363	0.674318	0.771116	-1.29682	0.215468	0.448537	-2.22947	0.788612	0.847674	-1.1797	0.403661	0.591244	-1.69135	0.922817	1.06141	1.06141	0.349411	0.553013	-1.80828	2.40297	14.3929	5.32413	1
cg26048388	ATP5C1;ATP5C1;KIN	0.115664	0.407524	0.843801	-1.18511	0.692709	1.08288	1.08288	0.154943	1.35681	1.35681	0.438623	0.853539	-1.17159	0.0456527	0.631683	-1.58307	0.101303	0.697911	-1.43285	0.0200579	0.569839	-1.75488	0.808143	1.04998	1.04998	0.752202	1.06556	1.06556	2.40292	1.52932	0.565726	1
cg10087607	TLE1	0.115667	0.370016	1.22336	1.22336	0.834657	1.04684	1.04684	0.237562	1.31122	1.31122	0.010181	2.03326	2.03326	0.020381	1.84445	1.84445	0.386478	0.823317	-1.2146	0.814623	0.949865	-1.05278	0.717266	1.0829	1.0829	0.724439	1.0806	1.0806	2.40289	1.82512	0.675159	1
cg15757853	CABLES1;CABLES1	0.115667	0.107147	0.373563	-2.67693	0.0218836	0.214382	-4.66458	0.317226	0.560531	-1.78402	0.136015	0.406798	-2.45822	0.124909	0.394543	-2.53458	0.131122	0.401472	-2.49083	0.015678	0.190451	-5.25069	0.125472	0.395179	-2.5305	0.801624	0.868532	-1.15137	2.40289	11.9296	4.41304	1
cg15946653	ANKK1	0.115668	0.0900936	3.91388	3.91388	0.0622187	4.63399	4.63399	0.241853	2.44691	2.44691	0.404283	1.86519	1.86519	0.0637347	4.58358	4.58358	0.0997078	3.73557	3.73557	0.0285685	6.59981	6.59981	0.047935	5.2162	5.2162	0.0546996	4.91303	4.91303	2.40289	20.3062	7.51178	1
cg07644681	SPPL2B;SPPL2B	0.115669	0.117685	0.648486	-1.54205	0.882681	0.963059	-1.03836	0.752654	0.922573	-1.08392	0.31336	1.30448	1.30448	0.874479	0.960504	-1.04112	0.720887	1.09576	1.09576	0.292087	1.32133	1.32133	0.0562926	1.73492	1.73492	0.0183868	0.482305	-2.07338	2.40288	2.47276	0.914739	1
cg10668198	NUDT9P1	0.115675	0.856532	0.906595	-1.10303	0.788911	0.864677	-1.1565	0.586337	0.742507	-1.34679	0.917987	0.945719	-1.0574	0.0436993	0.28468	-3.51272	0.593823	1.33867	1.33867	0.00545479	0.137977	-7.24761	0.460242	1.50288	1.50288	0.867956	1.09435	1.09435	2.40282	11.1732	4.13336	1
cg03498402	EXOC3L	0.115678	0.176983	0.654794	-1.5272	0.727507	1.10873	1.10873	0.0289091	2.13841	2.13841	0.771727	0.917747	-1.08963	0.253478	0.703355	-1.42176	0.963193	1.01371	1.01371	0.238392	0.69463	-1.43961	0.0303058	2.1199	2.1199	0.744477	1.10131	1.10131	2.40279	3.31315	1.22567	1
cg09004566	FAM32A	0.115678	0.0537743	0.746485	-1.33961	0.293946	0.864725	-1.15644	0.406131	0.892731	-1.12016	0.753184	0.958758	-1.04302	0.139492	0.808709	-1.23654	0.634262	0.938016	-1.06608	0.0364172	0.72274	-1.38362	0.0826491	0.773655	-1.29257	0.0864469	1.28772	1.28772	2.40279	0.678369	0.250956	1
cg11637721	KAT5;KAT5;KAT5;RNASEH2C	0.115678	0.439766	0.765695	-1.306	0.187395	1.60546	1.60546	0.0147564	2.76404	2.76404	0.140125	1.71225	1.71225	0.185588	0.621519	-1.60896	0.956904	0.981857	-1.01848	0.47495	0.781788	-1.27912	0.277778	0.682215	-1.46581	0.36954	1.36648	1.36648	2.40279	4.36865	1.61614	1
cg01456571	TNFRSF10D	0.115684	0.0510201	47.1908	47.1908	0.134774	16.3805	16.3805	0.139191	15.8012	15.8012	0.290294	6.70743	6.70743	0.14265	15.3731	15.3731	0.522285	3.07893	3.07893	0.05624	42.4909	42.4909	0.0189438	138.091	138.091	0.0366179	67.4593	67.4593	2.40273	114.439	42.3367	1
cg03657589	KIAA1688	0.115684	0.939987	1.03945	1.03945	0.34989	1.63969	1.63969	0.496438	1.426	1.426	0.182271	2.0699	2.0699	0.00604755	0.15839	-6.31352	0.927536	0.954329	-1.04786	0.192909	0.492558	-2.03022	0.821291	0.890234	-1.1233	0.483638	0.693617	-1.44172	2.40273	10.0502	3.71807	1
cg06452647	MCRS1	0.115688	0.987439	0.99807	-1.00193	0.0601585	1.29723	1.29723	0.264254	1.15353	1.15353	0.0409552	1.33582	1.33582	0.181515	1.19016	1.19016	0.398366	1.11197	1.11197	0.780601	0.966308	-1.03487	0.0497029	0.759734	-1.31625	0.578204	0.933383	-1.07137	2.4027	0.573283	0.212088	1
cg24948743	MCPH1	0.115691	0.965439	0.983352	-1.01693	0.176859	1.74405	1.74405	0.536102	0.78446	-1.27476	0.179245	0.575348	-1.73808	0.0324308	0.37898	-2.63866	0.05226	0.425129	-2.35222	0.169035	0.566804	-1.76428	0.425987	1.37021	1.37021	0.100281	0.497754	-2.00902	2.40267	5.71269	2.11346	1
cg11796861	GOLIM4	0.115694	0.131034	0.348612	-2.86852	0.632675	0.732543	-1.36511	0.126188	0.343213	-2.91364	0.942495	1.04773	1.04773	0.00948844	0.119534	-8.36581	0.0947646	0.305195	-3.2766	0.0431475	0.222299	-4.49845	0.996825	0.997432	-1.00257	0.221629	0.435917	-2.29401	2.40264	15.8959	5.8809	1
cg17412069	MIR1256;MCART6	0.115694	0.890933	1.03425	1.03425	0.229707	0.733913	-1.36256	0.6195	0.884373	-1.13074	0.99906	0.999711	-1.00029	0.00471078	0.39779	-2.51389	0.145022	1.46842	1.46842	0.543047	1.16314	1.16314	0.700604	0.90952	-1.09948	0.594785	0.876531	-1.14086	2.40264	2.29286	0.848276	1
cg08624588	MRPS15	0.115694	0.987261	0.997088	-1.00292	0.336456	1.19848	1.19848	0.170594	1.3055	1.3055	0.965312	0.992087	-1.00798	0.130793	0.742249	-1.34726	0.0592974	0.677764	-1.47544	0.582772	0.903615	-1.10667	0.244827	1.24888	1.24888	0.0314381	1.58568	1.58568	2.40264	1.26993	0.469828	1
cg06264922	TOLLIP	0.115701	0.497739	1.41832	1.41832	0.013233	4.75337	4.75337	0.00905706	5.3868	5.3868	0.333363	1.65958	1.65958	0.716167	0.830794	-1.20367	0.987791	0.992262	-1.0078	0.73836	1.18553	1.18553	0.378028	1.58277	1.58277	0.678618	1.23557	1.23557	2.40257	9.8069	3.6283	1
cg27041304	SPRY4;SPRY4	0.115703	0.211989	2.54339	2.54339	0.00476499	14.3084	14.3084	0.059341	4.53313	4.53313	0.340984	2.00715	2.00715	0.282461	2.21002	2.21002	0.406398	1.82772	1.82772	0.268314	2.26744	2.26744	0.0813906	3.94152	3.94152	0.21246	2.54068	2.54068	2.40256	19.1829	7.09724	1
cg25382652	C17orf85;C17orf85	0.115704	0.613637	1.32064	1.32064	0.0487354	3.42008	3.42008	0.179527	2.17886	2.17886	0.701469	0.810251	-1.23418	0.0114522	0.177567	-5.63167	0.524272	0.702913	-1.42265	0.818555	1.13375	1.13375	0.575599	1.36203	1.36203	0.948747	0.965492	-1.03574	2.40254	11.3553	4.20121	1
cg12672226	LSM11	0.115705	0.0419017	0.60061	-1.66497	0.979736	0.994493	-1.00554	0.331471	0.804242	-1.24341	0.0758286	0.650757	-1.53667	0.0749203	0.649693	-1.53919	0.780333	1.06267	1.06267	0.025849	0.562544	-1.77764	0.535274	0.872399	-1.14626	0.0442909	0.605125	-1.65255	2.40254	1.79876	0.665502	1
cg23430664	XYLT2	0.115708	0.315177	0.749205	-1.33475	0.0934399	1.67023	1.67023	0.159592	1.51866	1.51866	0.207975	1.44642	1.44642	0.420946	0.795668	-1.25681	0.524557	1.19635	1.19635	0.0332798	0.500715	-1.99714	0.199621	0.686095	-1.45752	0.399251	0.786691	-1.27115	2.40251	2.94096	1.0881	1
cg05403832	ABCC2	0.115708	0.109794	0.763909	-1.30906	0.0345739	1.46332	1.46332	0.0392588	1.44555	1.44555	0.726104	0.947116	-1.05584	0.806527	1.03863	1.03863	0.606469	1.08358	1.08358	0.0594408	1.38915	1.38915	0.751768	0.952159	-1.05024	0.966828	1.00645	1.00645	2.40251	0.908117	0.335988	1
cg04617001	LOC284798;LOC284798	0.115708	0.120098	0.450309	-2.2207	0.0365352	0.316716	-3.1574	0.51037	0.729114	-1.37153	0.865023	0.922656	-1.08383	0.0468191	0.340672	-2.93537	0.0923964	0.416299	-2.40212	0.0486094	0.344449	-2.90319	0.0280848	0.293066	-3.41221	0.57125	0.76282	-1.31092	2.40251	8.51843	3.15168	1
cg16648137	GOT1L1	0.11571	0.271845	0.437353	-2.28648	0.00865433	0.0889298	-11.2448	0.0327033	0.164177	-6.09098	0.834335	1.16349	1.16349	0.142348	0.319723	-3.12771	0.476649	0.592604	-1.68747	0.291228	0.453003	-2.20749	0.0859801	0.253644	-3.94254	0.842334	0.865895	-1.15487	2.40249	19.8911	7.35942	1
cg00536532	C6orf227	0.11571	0.593555	0.863001	-1.15875	0.343908	1.30561	1.30561	0.0163745	0.448179	-2.23125	0.458539	0.813469	-1.2293	0.0427749	0.528437	-1.89237	0.516206	1.19727	1.19727	0.154124	1.51783	1.51783	0.690705	1.1156	1.1156	0.994339	1.00194	1.00194	2.40249	2.84655	1.05319	1
cg26996458	EIF2C2;EIF2C2	0.115712	0.222941	0.641002	-1.56006	0.930832	0.970303	-1.03061	0.652075	0.854178	-1.17072	0.68651	0.868578	-1.15131	0.00934116	0.318273	-3.14196	0.111167	0.547374	-1.82691	0.0265197	0.401211	-2.49245	0.867014	0.943462	-1.05993	0.0997818	0.53453	-1.8708	2.40248	4.58852	1.6977	1
cg04784260	RAB40C	0.115713	0.256674	1.24267	1.24267	0.200853	0.780417	-1.28137	0.0968062	1.39726	1.39726	0.0147251	0.576421	-1.73484	0.736918	1.06383	1.06383	0.955362	0.98978	-1.01033	0.199532	1.2824	1.2824	0.371999	1.18318	1.18318	0.858551	1.03328	1.03328	2.40246	1.28141	0.47411	1
cg04766529	PEX7	0.115714	0.244756	2.00413	2.00413	0.16522	2.3297	2.3297	0.230294	2.05252	2.05252	0.378223	1.67623	1.67623	0.464756	0.65371	-1.52973	0.81229	1.14559	1.14559	0.596763	0.737081	-1.3567	0.732049	1.21698	1.21698	0.00859726	0.147379	-6.78525	2.40245	12.4207	4.59558	1
cg16172238	PARK7;PARK7	0.115716	0.537831	0.891624	-1.12155	0.384873	1.17801	1.17801	0.104577	1.38572	1.38572	0.301784	0.821419	-1.21741	0.695558	0.930236	-1.075	0.280155	1.22929	1.22929	0.247257	0.800548	-1.24915	0.0145692	1.73895	1.73895	0.158996	1.31892	1.31892	2.40244	1.28657	0.476023	1
cg12282606	LIG3;LIG3	0.115717	0.0625484	1.52051	1.52051	0.819264	1.04682	1.04682	0.86829	1.03374	1.03374	0.0165448	0.556921	-1.79559	0.730419	0.933182	-1.0716	0.367437	0.831019	-1.20334	0.0677021	0.664187	-1.5056	0.318119	0.813585	-1.22913	0.741573	1.0684	1.0684	2.40243	1.52092	0.562734	1
cg07858728	DMBT1;DMBT1;DMBT1	0.115718	0.342544	0.472817	-2.11498	0.208705	0.362362	-2.75967	0.100747	0.252347	-3.9628	0.0720214	0.214774	-4.65605	0.0140035	0.0978655	-10.2181	0.622429	0.683743	-1.46254	0.0952693	0.245625	-4.07125	0.0388182	0.160024	-6.24907	0.0879686	0.236374	-4.23058	2.40242	22.324	8.25982	1
cg05302416	KCNQ1	0.115719	0.194474	0.751806	-1.33013	0.72741	0.929849	-1.07544	0.809769	1.0514	1.0514	0.523913	0.874378	-1.14367	0.0766633	0.664136	-1.50572	0.635628	1.10429	1.10429	0.00439562	0.453655	-2.20432	0.803224	1.05326	1.05326	0.974259	1.00673	1.00673	2.40241	1.64365	0.608149	1
cg04914013	CAMTA1	0.115724	0.164664	0.475321	-2.10384	0.659992	1.24871	1.24871	0.0974119	0.4015	-2.49066	0.517443	0.719461	-1.38993	0.064198	0.352246	-2.83893	0.339269	0.610082	-1.63912	0.0390328	0.301643	-3.31517	0.0203263	0.245774	-4.06878	0.0806643	0.378336	-2.64315	2.40237	9.57714	3.54359	1
cg11779113	PRIC285;PRIC285	0.115724	0.456922	0.804388	-1.24318	0.126676	1.60749	1.60749	0.0730885	0.563085	-1.77593	0.144102	0.637081	-1.56966	0.743579	1.0989	1.0989	0.0918664	0.58673	-1.70436	0.762425	1.09102	1.09102	0.327466	1.33701	1.33701	0.0440048	0.514299	-1.9444	2.40236	3.14084	1.16213	1
cg06036471	CPEB3	0.115727	0.209846	0.515044	-1.94158	0.161801	0.472352	-2.11706	0.0457938	0.316792	-3.15664	0.430142	0.667438	-1.49827	0.0879246	2.57416	2.57416	0.637815	1.26878	1.26878	0.565638	0.747098	-1.33851	0.059193	2.91387	2.91387	0.90295	0.940594	-1.06316	2.40233	9.59011	3.54844	1
cg08204817	KPNA1;KPNA1	0.11573	0.188952	0.727296	-1.37496	0.718312	1.08641	1.08641	0.147829	1.42653	1.42653	0.760323	0.93239	-1.07251	0.439602	0.834983	-1.19763	0.233194	1.33108	1.33108	0.0127545	0.492646	-2.02986	0.145286	0.699201	-1.4302	0.659156	1.10689	1.10689	2.40231	1.99164	0.736938	1
cg00144425	ACTR3B;ACTR3B	0.11573	0.194527	1.60616	1.60616	0.0102285	3.05809	3.05809	0.0183017	2.68773	2.68773	0.190819	1.61328	1.61328	0.281797	1.47137	1.47137	0.769035	1.10701	1.10701	0.907468	0.960649	-1.04096	0.137025	1.7385	1.7385	0.563978	1.2231	1.2231	2.4023	4.53571	1.67828	1
cg19287714	CYFIP1;CYFIP1	0.115731	0.449201	1.12932	1.12932	0.412559	1.14124	1.14124	0.102287	1.32575	1.32575	0.141074	1.28355	1.28355	0.974162	1.00512	1.00512	0.205031	1.23476	1.23476	0.00423753	1.8289	1.8289	0.700789	1.06278	1.06278	0.599681	0.919873	-1.08711	2.4023	0.946215	0.350114	1
cg09938443	ZDHHC7;ZDHHC7	0.115734	0.848368	0.884774	-1.13023	0.00327539	12.9785	12.9785	0.266555	2.09667	2.09667	0.729004	1.24912	1.24912	0.876479	1.1046	1.1046	0.768832	0.828209	-1.20742	0.327277	0.523734	-1.90937	0.410471	1.7131	1.7131	0.751132	0.815876	-1.22568	2.40227	15.5625	5.75845	1
cg04083921	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.115734	0.324654	0.817358	-1.22345	0.0472148	0.637482	-1.56867	0.0347565	0.613865	-1.62902	0.0472833	0.637596	-1.56839	0.188168	0.75843	-1.31851	0.719741	0.931051	-1.07406	0.272234	1.25433	1.25433	0.198935	0.764028	-1.30885	0.0914587	0.691757	-1.4456	2.40227	1.49583	0.553487	1
cg07821676	NCOR2;NCOR2	0.115737	0.94117	1.04317	1.04317	0.0199234	4.99722	4.99722	0.0131829	5.8103	5.8103	0.310214	1.8244	1.8244	0.229373	0.485676	-2.05899	0.585899	1.37025	1.37025	0.845963	0.894608	-1.11781	0.414956	1.61146	1.61146	0.831123	1.13008	1.13008	2.40224	12.4742	4.61578	1
cg08508761	FLT1	0.115738	0.0926753	0.55348	-1.80675	0.127182	1.69447	1.69447	0.0158574	0.388827	-2.57184	0.282832	0.699937	-1.4287	0.0471884	0.483822	-2.06688	0.561315	0.8288	-1.20656	0.566144	0.83076	-1.20372	0.536949	0.81883	-1.22126	0.540016	0.820092	-1.21937	2.40224	3.88862	1.43889	1
cg23192255	MAEA;MAEA	0.115738	0.391916	2.25384	2.25384	0.00607486	27.6366	27.6366	0.0164345	15.1246	15.1246	0.407798	2.19121	2.19121	0.296641	2.72515	2.72515	0.581024	1.67604	1.67604	0.366763	2.36085	2.36085	0.797581	1.26886	1.26886	0.309004	2.6523	2.6523	2.40223	32.6562	12.0837	1
cg05237001	HLA-F;HLA-F;HLA-F	0.115742	0.296589	0.610806	-1.63718	0.642075	1.2349	1.2349	0.313214	0.62205	-1.60759	0.00808994	0.186905	-5.35031	0.670961	0.824864	-1.21232	?	?	?	?	?	?	0.353448	1.54295	1.54295	0.799264	0.891673	-1.12149	2.79431	6.62664	2.03269	1
cg03668835	TBC1D5;TBC1D5	0.115742	0.00604419	1.82224	1.82224	0.899718	1.02132	1.02132	0.550645	1.10632	1.10632	0.157325	1.28795	1.28795	0.417471	1.14873	1.14873	0.726801	1.06045	1.06045	0.0755707	1.39237	1.39237	0.0403912	1.48614	1.48614	0.461455	1.13367	1.13367	2.4022	1.06531	0.3942	1
cg26216730	OCA2	0.115742	0.348162	1.17405	1.17405	0.289102	1.20058	1.20058	0.0980174	0.739704	-1.35189	0.42066	1.14645	1.14645	0.662672	0.929678	-1.07564	0.23381	1.23042	1.23042	0.00866926	1.74335	1.74335	0.350751	1.17298	1.17298	0.278282	1.20597	1.20597	2.40219	1.0499	0.388498	1
cg03373742	DNAH2	0.115744	0.0850423	1.49629	1.49629	0.178109	1.35366	1.35366	0.729095	0.929064	-1.07635	0.0759711	1.5188	1.5188	0.146117	1.39123	1.39123	0.0275541	1.73584	1.73584	0.035209	1.68055	1.68055	0.615678	0.898424	-1.11306	0.244863	1.29362	1.29362	2.40218	1.70391	0.630507	1
cg22007922	PSMB8;PSMB8	0.115745	0.0704445	0.66512	-1.50349	0.9498	1.01278	1.01278	0.0912737	0.687221	-1.45514	0.12795	0.71755	-1.39363	0.68177	0.92021	-1.08671	0.0183463	0.56146	-1.78107	0.314148	0.81063	-1.23361	0.214953	1.30118	1.30118	0.142738	0.727803	-1.374	2.40217	1.54753	0.572641	1
cg15208856	SNX9	0.115745	0.208379	0.77293	-1.29378	0.0522892	0.651388	-1.53518	0.13663	0.732413	-1.36535	0.857584	0.965718	-1.0355	0.265673	0.798314	-1.25264	0.156122	1.34265	1.34265	0.791224	0.949781	-1.05287	0.522965	0.881858	-1.13397	0.013552	0.552481	-1.81002	2.40217	1.4348	0.530928	1
cg05369268	KCNN1	0.115746	0.545736	1.2635	1.2635	0.784724	0.90056	-1.11042	0.0124986	0.304644	-3.28253	0.369988	0.70317	-1.42213	0.0284177	0.371794	-2.68966	0.265638	0.641651	-1.55848	0.272037	0.645753	-1.54858	0.283751	1.53109	1.53109	0.775446	0.896373	-1.11561	2.40216	5.56648	2.05981	1
cg22506534	ALPL;ALPL	0.115747	0.103764	1.46726	1.46726	0.574308	0.884869	-1.13011	0.910484	1.02453	1.02453	0.204886	1.33414	1.33414	0.520523	0.869039	-1.1507	0.574491	0.884922	-1.13004	0.0128189	1.94676	1.94676	0.795126	0.945463	-1.05768	0.112684	0.689261	-1.45083	2.40215	1.76702	0.653866	1
cg09615965	WNT5A	0.115747	0.0485802	0.659635	-1.51599	0.952348	1.0111	1.0111	0.458833	1.14947	1.14947	0.152284	0.753377	-1.32736	0.158442	0.756976	-1.32105	0.609002	1.09996	1.09996	0.0257525	0.613192	-1.63081	0.503193	1.13368	1.13368	0.242372	1.25352	1.25352	2.40215	1.29754	0.480139	1
cg24050519	MEGF6	0.115748	0.460039	0.882334	-1.13336	0.332396	1.18107	1.18107	0.250551	1.22118	1.22118	0.66949	0.931032	-1.07408	0.156122	1.28725	1.28725	0.915484	1.01782	1.01782	0.00920202	1.73379	1.73379	0.473846	1.12889	1.12889	0.0363409	1.49925	1.49925	2.40214	1.05376	0.389933	1
cg01029901	ZNF772;ZNF772	0.115753	0.0850442	2.26032	2.26032	0.35211	0.66359	-1.50695	0.797807	0.895884	-1.11622	0.0632805	2.44616	2.44616	0.258986	1.65592	1.65592	0.686148	1.19003	1.19003	0.0171676	3.46858	3.46858	0.316876	1.55757	1.55757	0.0673237	2.40611	2.40611	2.4021	6.97766	2.58206	1
cg03910793	C4A;C4B	0.115757	0.0744957	0.620696	-1.61109	0.0351118	0.554793	-1.80247	0.500784	1.17823	1.17823	0.272302	0.760142	-1.31554	0.0790293	0.626219	-1.59689	0.186828	0.714741	-1.39911	0.419155	1.21911	1.21911	0.255099	0.751881	-1.33	0.0449546	0.575628	-1.73723	2.40206	2.19151	0.810975	1
cg17231524	NCRNA00086	0.115759	0.0243357	0.317664	-3.14798	0.636805	1.22535	1.22535	0.79558	1.11732	1.11732	0.142712	1.96049	1.96049	0.313678	1.56089	1.56089	0.0464495	0.377355	-2.65003	0.189976	0.552586	-1.80967	0.90056	1.05487	1.05487	0.55466	1.29091	1.29091	2.40204	6.94588	2.57036	1
cg25942860	GRM6	0.115762	0.460401	0.861028	-1.1614	0.143402	0.731218	-1.36758	0.086653	0.686072	-1.45757	0.654358	1.09387	1.09387	0.227083	0.776877	-1.2872	0.0567951	1.53607	1.53607	0.0596799	1.52668	1.52668	0.424923	1.17613	1.17613	0.887614	0.97224	-1.02855	2.40201	1.5079	0.558014	1
cg15286032	PTPRN2;PTPRN2;PTPRN2	0.115764	0.0364007	0.320212	-3.12293	0.157745	0.493021	-2.02831	0.0356751	0.318339	-3.1413	0.315316	0.615013	-1.62598	0.0869468	0.412697	-2.42308	0.183679	0.516649	-1.93555	0.158499	0.493739	-2.02536	0.333845	0.62708	-1.59469	0.0157379	0.250166	-3.99735	2.40199	8.33899	3.08595	1
cg13858407	SH3BP4	0.115766	0.0328849	0.287628	-3.47671	0.452276	1.46574	1.46574	0.875314	0.924586	-1.08156	0.251286	0.549633	-1.81939	0.0856304	2.5823	2.5823	0.2385	0.539847	-1.85238	0.410774	0.657052	-1.52195	0.0412122	0.30852	-3.24128	0.316488	0.596245	-1.67716	2.40198	9.48501	3.51007	1
cg05945275	GAB4	0.115768	0.863611	1.09424	1.09424	0.0489051	3.24765	3.24765	0.999226	1.00051	1.00051	0.345753	0.601322	-1.663	0.252027	0.534316	-1.87155	0.034464	0.274761	-3.63953	0.18399	2.09226	2.09226	0.837769	1.11337	1.11337	0.1114	0.403217	-2.48006	2.40196	10.4374	3.86255	1
cg01311313	UNC5D	0.115769	0.134046	0.276433	-3.61751	0.196801	0.337605	-2.96204	0.0414959	0.154025	-6.49246	0.134424	0.276832	-3.6123	0.0287235	0.128355	-7.7909	0.277328	0.406968	-2.45719	0.0205873	0.108678	-9.20149	0.211427	0.350777	-2.85082	0.0829714	0.217067	-4.60688	2.40195	24.0876	8.91412	1
cg14078714	C9orf3	0.11577	0.704747	1.29213	1.29213	0.1354	2.95495	2.95495	0.0484041	4.5643	4.5643	0.11272	3.19744	3.19744	0.521446	0.645658	-1.54881	0.449064	1.68091	1.68091	0.376957	1.84109	1.84109	0.00727457	10.2847	10.2847	0.368895	1.86134	1.86134	2.40194	17.2416	6.38064	1
cg12100376	MTOR	0.115771	0.0515319	0.70486	-1.41872	0.322033	0.850916	-1.1752	0.0751743	0.731484	-1.36708	0.562138	0.911658	-1.0969	0.0196618	0.640999	-1.56007	0.460283	1.12596	1.12596	0.543598	1.10188	1.10188	0.132632	0.774087	-1.29184	0.12996	0.772493	-1.29451	2.40193	0.947369	0.350595	1
cg21484573	PACRG;PACRG;PACRG	0.115772	0.983259	0.995121	-1.0049	0.993029	1.00204	1.00204	0.0114072	0.478041	-2.09187	0.423366	0.826468	-1.20997	0.4926	1.17637	1.17637	0.261846	1.31353	1.31353	0.11162	1.49762	1.49762	0.270517	1.30657	1.30657	0.254053	0.757593	-1.31997	2.40192	2.0667	0.76483	1
cg25934728	SC65	0.115778	0.0118024	0.168982	-5.9178	0.198511	0.463785	-2.15617	0.31443	0.555313	-1.80079	0.805813	0.869996	-1.14943	0.0422506	0.266361	-3.75431	0.834967	0.888733	-1.1252	0.0891049	0.346401	-2.88682	0.0931034	0.351847	-2.84214	0.0760728	0.327542	-3.05304	2.40186	12.1619	4.50092	1
cg23166773	SDCCAG8;AKT3	0.115779	0.0909558	0.328776	-3.04159	0.182952	2.32614	2.32614	0.245944	2.06456	2.06456	0.878009	1.0961	1.0961	0.0127734	0.157555	-6.347	0.990444	1.00718	1.00718	0.638986	0.75407	-1.32614	0.2747	1.97179	1.97179	0.485111	0.654562	-1.52774	2.40186	13.576	5.02425	1
cg14131824	SLC43A2	0.11578	0.349271	0.545552	-1.83301	0.0307762	4.93014	4.93014	0.31484	1.92252	1.92252	0.867356	0.900214	-1.11085	0.0354305	0.214343	-4.66541	0.638235	0.742436	-1.34692	0.244456	0.464987	-2.1506	0.31055	1.93451	1.93451	0.298095	0.507473	-1.97055	2.40185	15.0443	5.56768	1
cg22627740	SYNGAP1	0.115781	0.417016	0.73114	-1.36773	0.467765	0.756584	-1.32173	0.0499582	0.429977	-2.32571	0.362172	1.4242	1.4242	0.0717307	0.468088	-2.13635	0.70331	0.865484	-1.15542	0.0614427	0.451359	-2.21553	0.0739397	2.12114	2.12114	0.40468	0.724771	-1.37975	2.40184	5.42208	2.00664	1
cg12773030	GGCT	0.115783	0.107853	0.381539	-2.62096	0.289977	0.547095	-1.82784	0.564906	0.726485	-1.37649	0.693937	0.804771	-1.24259	?	?	?	0.333582	0.57827	-1.72929	0.00617192	0.140634	-7.11064	0.054037	0.300907	-3.32328	0.340575	0.583121	-1.71491	2.42578	10.2993	4.24576	1
cg03603286	C7orf59	0.115785	0.949694	0.986577	-1.01361	0.0692786	1.54543	1.54543	0.315762	1.24878	1.24878	0.99091	1.00244	1.00244	0.0141595	0.522893	-1.91244	0.720337	1.08004	1.08004	0.877909	1.03347	1.03347	0.872584	1.03498	1.03498	0.069363	1.54517	1.54517	2.4018	1.7451	0.645851	1
cg20820249	WDR70	0.115787	0.0596949	0.600505	-1.66526	0.168672	0.703279	-1.42191	0.915614	0.974884	-1.02576	0.9368	0.981148	-1.01921	0.934364	0.980426	-1.01996	0.234796	0.741655	-1.34834	0.111362	0.659543	-1.5162	0.896509	0.969251	-1.03172	0.0195359	1.96858	1.96858	2.40178	2.19094	0.810859	1
cg17075865	RGS10;RGS10	0.115788	0.0938036	0.335656	-2.97924	0.207488	0.454995	-2.19783	0.164846	0.415677	-2.40572	0.58718	0.722691	-1.38372	0.00847677	0.136563	-7.32262	0.506327	0.670671	-1.49104	0.0803523	0.316892	-3.15564	0.305553	1.87486	1.87486	0.54676	0.69677	-1.43519	2.40178	13.3512	4.94125	1
cg12914047	TRIM4;TRIM4	0.115789	0.587742	0.695505	-1.4378	0.267783	0.464951	-2.15076	0.778772	0.829581	-1.20543	0.858908	0.888657	-1.12529	0.688908	1.306	1.306	0.78438	1.19956	1.19956	0.00578694	11.0061	11.0061	0.144859	0.353885	-2.82578	0.389272	0.55693	-1.79556	2.40176	16.7411	6.19587	1
cg20928824	RAD51L1	0.115789	0.507844	0.76418	-1.30859	0.642747	1.20564	1.20564	0.0488283	2.46127	2.46127	0.73996	1.14265	1.14265	0.0152894	0.303551	-3.29434	0.786868	1.1146	1.1146	0.10483	0.491834	-2.03321	0.560331	1.26585	1.26585	0.770263	1.12438	1.12438	2.40176	6.09646	2.25629	1
cg03327615	C3orf58	0.115794	0.203272	0.506197	-1.97552	0.0141504	0.21549	-4.6406	0.85673	1.09594	1.09594	0.174465	2.07986	2.07986	0.426054	1.5099	1.5099	0.805377	0.882363	-1.13332	0.122788	2.33418	2.33418	0.230723	0.528671	-1.89154	0.527591	0.722916	-1.38329	2.40171	9.77594	3.61813	1
cg13908365	EFHC2	0.115796	0.327511	1.5263	1.5263	0.648973	0.82554	-1.21133	0.13504	0.509666	-1.96207	0.153827	0.527944	-1.89414	0.0230976	0.320948	-3.11577	0.339079	1.51018	1.51018	0.0744982	2.29622	2.29622	0.797553	1.11353	1.11353	0.955901	0.977131	-1.0234	2.4017	6.65713	2.46386	1
cg06661671	CABIN1	0.115797	0.0642211	0.520954	-1.91956	0.044254	2.06398	2.06398	0.311813	1.38834	1.38834	0.659807	0.870311	-1.14901	0.406721	1.30493	1.30493	0.649755	1.15414	1.15414	0.394031	0.760511	-1.31491	0.143688	0.611001	-1.63666	0.092931	0.560089	-1.78543	2.40169	3.74027	1.38431	1
cg17824615	PUS1;PUS1;PUS1;PUS1	0.1158	0.288894	0.748658	-1.33572	0.307724	0.757586	-1.31998	0.45128	1.22361	1.22361	0.141039	0.659511	-1.51627	0.366739	0.783636	-1.2761	0.70831	0.905907	-1.10387	0.00337149	0.350472	-2.8533	0.430471	0.809296	-1.23564	0.882557	0.961877	-1.03963	2.40166	2.62972	0.973299	1
cg02186542	ADAMTS18	0.115801	0.0377159	4.49456	4.49456	0.0945382	3.14532	3.14532	0.277254	2.02303	2.02303	0.134352	2.73639	2.73639	0.0557215	3.86403	3.86403	0.405389	1.70031	1.70031	0.011077	7.28881	7.28881	0.359971	1.79833	1.79833	0.145373	2.65101	2.65101	2.40165	14.789	5.47366	1
cg20968678	TMEM169;TMEM169;TMEM169;TMEM169	0.115801	0.293669	0.68903	-1.45131	0.0262718	0.406046	-2.46277	0.48382	0.784026	-1.27547	0.163969	1.66174	1.66174	0.137653	0.578863	-1.72752	0.290682	0.68732	-1.45493	0.0422857	0.449397	-2.22521	0.132345	0.57388	-1.74253	0.647446	1.17052	1.17052	2.40165	4.44748	1.64608	1
cg14785479	SCARF2;SCARF2	0.115803	0.790696	0.959719	-1.04197	0.923865	1.01488	1.01488	0.548607	1.09836	1.09836	0.347576	0.861151	-1.16124	0.869507	0.974907	-1.02574	0.0102593	1.64886	1.64886	0.254948	0.832175	-1.20167	0.247863	0.82967	-1.2053	0.0802771	1.34973	1.34973	2.40163	0.908685	0.336321	1
cg00636172	RRN3	0.115803	0.0425815	0.537791	-1.85946	0.0386932	1.88909	1.88909	0.133779	1.53668	1.53668	0.288242	0.74609	-1.34032	0.931185	1.02321	1.02321	0.169195	0.677652	-1.47568	0.577712	1.16116	1.16116	0.421621	1.2437	1.2437	0.729775	0.911992	-1.0965	2.40163	2.68465	0.993642	1
cg24334029	PHACTR3;PHACTR3;PHACTR3	0.115808	0.95019	0.988938	-1.01119	0.0845561	1.40453	1.40453	0.0773363	1.41857	1.41857	0.560108	0.900403	-1.11061	0.942437	1.01294	1.01294	0.0356747	1.54546	1.54546	0.0206279	1.6428	1.6428	0.237521	1.24649	1.24649	0.753056	0.945352	-1.05781	2.40159	1.20593	0.446346	1
cg01503329	GJC1;GJC1	0.115809	0.760171	1.19871	1.19871	0.00636683	8.18364	8.18364	0.0194758	5.32196	5.32196	0.770921	1.18867	1.18867	0.451656	1.57453	1.57453	0.284279	1.93185	1.93185	0.763214	0.836221	-1.19586	0.634939	1.32729	1.32729	0.904356	1.07375	1.07375	2.40158	13.3292	4.93352	1
cg23372001	HIST1H4J	0.11581	0.0881732	0.597327	-1.67413	0.100014	1.63816	1.63816	0.0451976	1.87625	1.87625	0.606282	0.867293	-1.15301	0.489148	1.21219	1.21219	0.727125	0.908516	-1.1007	0.0458211	0.53422	-1.87189	0.807127	1.06928	1.06928	0.887593	0.962007	-1.03949	2.40157	2.85274	1.05588	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21876283	LDLRAD2;HSPG2	0.11581	0.685128	0.953059	-1.04925	0.0534885	0.772079	-1.2952	0.735967	0.96087	-1.04072	0.477266	1.08896	1.08896	0.985111	0.997801	-1.0022	0.912149	0.987068	-1.0131	0.78138	1.03336	1.03336	0.0243457	0.728695	-1.37232	0.0161634	0.706772	-1.41488	2.40157	0.529086	0.19583	1
cg09320652	PDE4B;PDE4B;PDE4B	0.115816	0.0285207	0.26832	-3.7269	0.0166641	0.225825	-4.42821	0.08479	0.378972	-2.63872	0.838282	0.901201	-1.10963	0.1697	0.474928	-2.10558	0.646878	0.79073	-1.26465	0.148041	0.453879	-2.20323	0.397248	1.55466	1.55466	0.639899	0.786738	-1.27107	2.40152	9.85596	3.64805	1
cg18338288	WNT7B	0.115816	0.0961196	0.700022	-1.42853	0.308142	0.813928	-1.22861	0.908413	0.977789	-1.02272	0.0318936	0.612144	-1.6336	0.0289216	0.604892	-1.65319	0.18851	0.761902	-1.3125	0.785662	1.05464	1.05464	0.384139	1.19025	1.19025	0.330254	1.21663	1.21663	2.40151	1.44887	0.53628	1
cg10511301	MDC1	0.115817	0.550086	0.789015	-1.2674	0.729251	1.14588	1.14588	0.658065	1.19072	1.19072	0.432612	1.36868	1.36868	0.225068	0.606924	-1.64765	0.957661	0.979409	-1.02102	0.00364503	0.214106	-4.67058	0.478895	1.32593	1.32593	0.623195	0.823597	-1.21419	2.4015	5.84145	2.16215	1
cg19500185	LSM1;BAG4	0.11582	0.0290631	0.50872	-1.96572	0.0649801	1.72357	1.72357	0.951149	1.01623	1.01623	0.61985	1.14039	1.14039	0.451096	0.817326	-1.2235	0.574649	0.861596	-1.16064	0.0301203	0.511711	-1.95423	0.739954	0.916211	-1.09145	0.585175	1.15581	1.15581	2.40148	2.62504	0.971638	1
cg03465285	DNAJB2;DNAJB2	0.115822	0.219161	0.67732	-1.47641	0.232886	1.45812	1.45812	0.0771283	1.8086	1.8086	0.0669565	0.538403	-1.85734	0.425486	1.27809	1.27809	0.383191	0.763677	-1.30945	0.900049	1.03861	1.03861	0.935995	0.976076	-1.02451	0.0384418	2.06081	2.06081	2.40146	3.45735	1.27972	1
cg08412584	PDE10A;PDE10A	0.115825	0.0152853	0.445695	-2.24369	0.742122	1.09373	1.09373	0.046053	0.537765	-1.85955	0.547272	0.84767	-1.1797	0.0263167	0.48923	-2.04403	0.50446	0.832107	-1.20177	0.394774	0.789381	-1.26682	0.642248	1.13536	1.13536	0.26446	0.729347	-1.37109	2.40143	2.80039	1.03656	1
cg07629844	CAPN2;CAPN2	0.115827	0.175022	0.866684	-1.15382	0.0390508	1.26736	1.26736	0.987195	1.00159	1.00159	0.739124	1.03371	1.03371	0.28707	1.11589	1.11589	0.328324	0.904762	-1.10526	0.721342	1.03616	1.03616	0.875682	1.01565	1.01565	0.0134911	1.3544	1.3544	2.40141	0.374241	0.138526	1
cg02618968	BAHCC1	0.115828	0.164406	0.659789	-1.51564	0.910138	1.03215	1.03215	0.0419561	0.518385	-1.92907	0.278343	0.729081	-1.37159	0.0113081	0.410992	-2.43314	0.0391981	0.512282	-1.95205	0.987951	0.995776	-1.00424	0.942731	0.980063	-1.02034	0.571494	0.8519	-1.17385	2.4014	2.98834	1.10615	1
cg25421423	PIPOX	0.115829	0.677576	1.0327	1.0327	0.521958	1.05121	1.05121	0.869556	0.987432	-1.01273	0.121305	1.138	1.138	0.0495025	0.841578	-1.18824	0.566095	1.04565	1.04565	0.0118301	1.27362	1.27362	0.585105	0.958462	-1.04334	0.748789	1.02503	1.02503	2.40139	0.225231	0.0833704	1
cg04570540	ATP11A;ATP11A	0.115831	0.926298	1.04469	1.04469	0.0069168	5.21677	5.21677	0.0267579	3.45614	3.45614	0.673249	1.22193	1.22193	0.433581	1.4588	1.4588	0.299263	1.66262	1.66262	0.124383	2.19517	2.19517	0.325007	1.61654	1.61654	0.148679	2.07922	2.07922	2.40138	8.49338	3.1439	1
cg03710889	SLC11A1	0.115831	0.0464946	5.87988	5.87988	0.0259836	7.79251	7.79251	0.0920038	4.2252	4.2252	0.477271	1.75315	1.75315	0.542234	1.61493	1.61493	0.487881	1.72899	1.72899	0.085932	4.36828	4.36828	0.0311853	7.13159	7.13159	0.0649552	5.00349	5.00349	2.40138	22.9567	8.49762	1
cg03867759	ADRB2	0.115831	0.81378	1.02412	1.02412	0.0440353	0.791616	-1.26324	0.398741	0.916449	-1.09117	0.00758056	0.706915	-1.4146	0.822104	1.023	1.023	0.750274	1.03277	1.03277	0.82353	0.977696	-1.02281	0.193962	0.870411	-1.14888	0.11991	0.84334	-1.18576	2.40137	0.387873	0.143575	1
cg20308403	MAD1L1;MAD1L1;MAD1L1	0.115835	0.113542	0.346152	-2.88891	0.00580918	0.107979	-9.26109	0.0662679	0.281066	-3.55788	0.399448	0.587752	-1.7014	0.170094	0.406471	-2.4602	0.134629	0.370164	-2.7015	0.261107	0.485746	-2.05869	0.235044	0.464498	-2.15286	0.945536	1.04299	1.04299	2.40134	14.4361	5.34373	1
cg17293470	COQ10B	0.115835	0.149635	0.836731	-1.19513	0.440103	1.0951	1.0951	0.0725195	1.26013	1.26013	0.738987	0.962151	-1.03934	0.486839	1.08494	1.08494	0.124321	1.21169	1.21169	0.100594	0.812584	-1.23064	0.451026	1.09266	1.09266	0.0467232	1.30051	1.30051	2.40133	0.506364	0.187438	1
cg14249564	MICALCL	0.115842	0.0298196	0.239541	-4.17464	0.0734871	0.32777	-3.05092	0.327039	0.56804	-1.76044	0.3847	0.607635	-1.64573	0.0174297	0.198307	-5.04268	0.160277	0.432353	-2.31293	0.244368	0.506233	-1.97537	0.0322086	0.246067	-4.06394	0.317319	0.56113	-1.78212	2.40127	11.8825	4.39858	1
cg22517681	SRRM1	0.115843	0.743805	0.897679	-1.11398	0.0288937	0.428282	-2.33491	0.044722	0.468383	-2.13501	0.136073	0.589383	-1.69669	0.0703934	0.513933	-1.94578	0.641876	0.857132	-1.16668	0.637271	1.16921	1.16921	0.487571	0.792835	-1.2613	0.0275053	0.423963	-2.3587	2.40126	4.12022	1.5252	1
cg15947977	FAM90A20	0.115846	0.61933	0.823997	-1.2136	0.887523	1.05623	1.05623	0.180611	0.577221	-1.73244	0.734298	1.14075	1.14075	0.69237	0.857521	-1.16615	0.311566	1.49881	1.49881	0.0945723	2.03455	2.03455	0.894821	0.950156	-1.05246	0.00798806	0.268698	-3.72166	2.40123	5.68221	2.10344	1
cg05127037	MTCP1NB	0.115847	0.105893	0.338444	-2.9547	0.346132	0.551477	-1.81331	0.569857	1.42233	1.42233	0.125634	0.361791	-2.76403	0.00602434	0.110682	-9.03488	0.114417	0.348795	-2.86702	0.293762	0.51271	-1.95042	0.193301	0.4298	-2.32666	0.307927	0.523414	-1.91053	2.40123	14.3102	5.29738	1
cg17758696	ST3GAL1;ST3GAL1	0.115851	0.0451896	0.721515	-1.38597	0.394199	1.13198	1.13198	0.101685	1.28984	1.28984	0.884856	0.979627	-1.0208	0.343568	1.14866	1.14866	0.383245	1.13542	1.13542	0.0246959	1.46215	1.46215	0.55133	0.917946	-1.08939	0.523827	0.91232	-1.09611	2.40119	0.767318	0.284051	1
cg10531986	FNBP1	0.115851	0.32692	1.55179	1.55179	0.0535052	2.5912	2.5912	0.0783389	2.33746	2.33746	0.0903262	2.24865	2.24865	0.435765	1.4123	1.4123	0.430932	1.41767	1.41767	0.0183665	3.46349	3.46349	0.0470008	2.68335	2.68335	0.0596828	2.51595	2.51595	2.40119	7.16857	2.65371	1
cg06640020	MLLT4;MLLT4;MLLT4	0.115853	0.29834	0.81188	-1.23171	0.543133	0.887817	-1.12636	0.516646	0.88063	-1.13555	0.851208	1.03697	1.03697	0.734756	1.06795	1.06795	0.515888	1.13582	1.13582	0.00375693	2.13022	2.13022	0.457794	0.864013	-1.15739	0.694809	1.07921	1.07921	2.40117	1.42125	0.526133	1
cg07377994	MSI2;MSI2	0.115854	0.06426	0.365328	-2.73726	0.225991	0.540231	-1.85106	0.992535	0.995479	-1.00454	0.0811063	0.391952	-2.55133	0.164767	0.487835	-2.04987	0.0504141	0.339599	-2.94465	0.0667339	0.369513	-2.70627	0.0168383	0.243538	-4.10614	0.228485	0.542189	-1.84437	2.40116	8.92006	3.30213	1
cg26605700	KCTD5	0.115856	0.10035	0.367446	-2.72149	0.329919	0.571678	-1.74924	0.697581	0.804784	-1.24257	0.277688	0.533739	-1.87358	0.038552	0.263713	-3.79199	0.0857134	0.34773	-2.87579	0.0121696	0.175904	-5.68491	0.0672987	0.319705	-3.12789	0.156164	0.430098	-2.32505	2.40115	11.7632	4.35465	1
cg12344104	HLA-F;HLA-F;HLA-F	0.115856	0.932018	0.979371	-1.02106	0.172765	1.42546	1.42546	0.310256	0.773739	-1.29242	0.309729	1.29281	1.29281	0.251166	0.746079	-1.34034	0.00834155	0.438828	-2.2788	0.427504	1.21887	1.21887	0.807239	1.06154	1.06154	0.337009	0.78518	-1.27359	2.40114	2.26999	0.840338	1
cg19549314	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.11586	0.125445	0.692791	-1.44344	0.988683	1.00314	1.00314	0.158401	1.39613	1.39613	0.245738	0.764382	-1.30825	0.819054	1.05202	1.05202	0.162525	0.718932	-1.39095	0.0211506	1.84689	1.84689	0.752203	0.932298	-1.07262	0.199207	0.740656	-1.35015	2.40111	1.86268	0.689564	1
cg05971751	UBE2K;UBE2K;UBE2K	0.11586	0.862062	1.02635	1.02635	0.429021	1.12834	1.12834	0.140446	0.788852	-1.26767	0.487518	0.899879	-1.11126	0.00721596	0.595368	-1.67963	0.479063	0.897968	-1.11363	0.181472	0.808839	-1.23634	0.0901944	0.756329	-1.32218	0.58595	1.08574	1.08574	2.4011	0.850637	0.314906	1
cg13361665	ITPA;ITPA	0.115863	0.0151608	0.247184	-4.04557	0.0465716	0.343793	-2.90872	0.342133	0.632214	-1.58174	0.519955	0.736721	-1.35737	0.29832	0.603482	-1.65705	0.928961	1.04266	1.04266	0.0493957	0.349731	-2.85934	0.967864	1.01905	1.01905	0.0492953	0.349524	-2.86103	2.40108	8.34562	3.08958	1
cg07569194	GSTM4;GSTM4;GSTM4	0.115864	0.117478	0.618859	-1.61588	0.244783	0.70935	-1.40974	0.00899007	0.391576	-2.55378	0.922543	0.972924	-1.02783	0.0954037	0.596268	-1.6771	0.60015	0.861326	-1.161	0.0485077	0.529334	-1.88916	0.543112	1.18973	1.18973	0.695293	0.894849	-1.11751	2.40106	3.02925	1.12145	1
cg13148496	CDC42BPB	0.115865	0.586282	1.11983	1.11983	0.368174	1.2097	1.2097	0.267262	0.788177	-1.26875	0.404258	1.19216	1.19216	0.601484	1.11464	1.11464	0.454427	0.85476	-1.16992	0.0378883	1.64184	1.64184	0.804125	0.950108	-1.05251	0.017627	0.551742	-1.81244	2.40106	1.61306	0.597169	1
cg09745243	CXCL2	0.115866	0.769091	1.10703	1.10703	0.00600555	0.289349	-3.45604	0.0327152	0.421859	-2.37046	0.601783	0.833719	-1.19945	0.812645	0.921261	-1.08547	0.841224	0.933065	-1.07174	0.151156	0.587826	-1.70118	0.798136	1.09256	1.09256	0.803644	0.91755	-1.08986	2.40105	4.53688	1.67959	1
cg24741609	GLIS1	0.115866	0.0627185	0.389542	-2.56712	0.0125121	0.246951	-4.04939	0.0379469	0.338475	-2.95443	0.529775	0.750843	-1.33184	0.0526374	0.370907	-2.69609	0.492184	0.730494	-1.36894	0.189317	0.534753	-1.87002	0.78958	0.886561	-1.12795	0.873493	0.930779	-1.07437	2.40105	7.70655	2.85303	1
cg17410431	HDAC4	0.115866	0.0462797	0.557245	-1.79454	0.698826	0.905219	-1.10471	0.0811229	0.609395	-1.64097	0.156866	0.678541	-1.47375	0.0547608	0.572359	-1.74716	0.322354	0.769638	-1.29931	0.0147297	0.463547	-2.15728	0.608023	1.14168	1.14168	0.524761	0.847826	-1.17949	2.40105	2.49458	0.923516	1
cg20019612	OTUB1;OTUB1	0.115867	0.940852	1.0368	1.0368	0.133802	0.454961	-2.19799	0.995103	1.00299	1.00299	0.913031	1.05465	1.05465	0.0212573	0.25962	-3.85178	0.195416	0.513289	-1.94822	0.0243621	0.270695	-3.6942	0.340445	1.61361	1.61361	0.166357	0.487362	-2.05186	2.40104	9.02013	3.33935	1
cg12853563	GLI3	0.115868	0.405906	1.12392	1.12392	0.431007	1.11676	1.11676	0.0577033	1.34294	1.34294	0.117137	0.791472	-1.26347	0.0259364	1.43799	1.43799	0.14793	1.23772	1.23772	0.486214	0.907363	-1.1021	0.754731	0.957856	-1.044	0.198904	1.20505	1.20505	2.40103	0.717855	0.265758	1
cg11867308	SBF1	0.115868	0.918577	0.940413	-1.06336	0.0226733	5.15101	5.15101	0.0200328	5.39838	5.39838	0.891844	0.921514	-1.08517	0.369318	0.574668	-1.74013	0.207226	0.449726	-2.22358	0.532455	0.683929	-1.46214	0.902707	1.07624	1.07624	0.703809	0.794934	-1.25797	2.40103	13.7272	5.08198	1
cg10975001	TRIM62	0.115868	0.903246	0.92811	-1.07746	0.0610585	0.273899	-3.65098	0.322633	1.87154	1.87154	0.358619	0.560406	-1.78442	0.104176	0.336275	-2.97376	0.114007	0.348278	-2.87127	0.0253472	0.195784	-5.10767	0.0447038	0.243219	-4.11152	0.561963	0.697877	-1.43292	2.40103	14.3113	5.2982	1
cg07136998	SLIT3;SLIT3	0.115869	0.346591	1.22531	1.22531	0.574698	0.887933	-1.12621	0.531896	0.875692	-1.14195	0.0486548	1.60337	1.60337	0.675924	1.09214	1.09214	0.0672336	0.650529	-1.53721	0.0854149	1.48978	1.48978	0.066265	1.54012	1.54012	0.373527	1.21107	1.21107	2.40102	1.67124	0.618713	1
cg13926347	AFAP1L1;AFAP1L1	0.115873	0.208897	0.614034	-1.62857	0.381034	0.718342	-1.39209	0.00706408	0.277533	-3.60317	0.357372	0.705745	-1.41694	0.145611	0.56255	-1.77762	0.0667394	0.469154	-2.1315	0.33921	0.695803	-1.43719	0.074527	0.48119	-2.07818	0.0723715	0.477957	-2.09224	2.40098	5.15471	1.90837	1
cg22812614	HLA-DQA2	0.115881	0.469545	0.618804	-1.61602	0.782335	0.834718	-1.19801	0.0346062	0.200458	-4.98858	0.105938	0.316028	-3.16428	0.539863	1.49908	1.49908	0.0896828	0.295105	-3.38862	0.267589	0.470784	-2.12412	0.0122482	0.130609	-7.65645	0.243016	0.450703	-2.21875	2.40091	16.1806	5.99053	1
cg14784820	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.115883	0.27327	0.518066	-1.93026	0.0241069	0.211942	-4.71827	0.0548258	0.284735	-3.51204	0.730051	0.818895	-1.22116	0.0764017	0.320767	-3.11752	0.414978	0.6184	-1.61708	0.0189243	0.194082	-5.15247	0.897481	1.07719	1.07719	0.182066	0.441771	-2.26362	2.40089	12.6511	4.68384	1
cg00603625	CNOT2	0.115883	0.00573539	0.434006	-2.30412	0.398122	0.819216	-1.22068	0.317894	1.26865	1.26865	0.800784	0.943388	-1.06001	0.177205	0.718509	-1.39177	0.984524	1.00448	1.00448	0.615765	1.1237	1.1237	0.267906	0.76644	-1.30473	0.351968	1.24705	1.24705	2.40089	2.0201	0.747906	1
cg06622999	LOC283392;TRHDE;LOC283392	0.115888	0.434206	0.73482	-1.36088	0.389325	0.711302	-1.40587	0.440997	1.35448	1.35448	0.655096	0.840619	-1.1896	0.113827	0.514629	-1.94315	0.121044	0.522468	-1.91399	0.00426229	0.228383	-4.37861	0.940191	0.97144	-1.0294	0.533464	0.783841	-1.27577	2.40085	5.66991	2.09923	1
cg15920867	ERC2	0.115889	0.153508	0.438421	-2.28091	0.20636	2.05271	2.05271	?	?	?	0.840449	0.896945	-1.1149	0.861645	0.910172	-1.09869	0.429362	1.5454	1.5454	0.00827406	0.161722	-6.18344	0.488744	1.46153	1.46153	0.716391	0.82131	-1.21757	2.42477	9.93798	4.09852	1
cg07447431	RAB18	0.115889	0.615075	1.08498	1.08498	0.319713	1.17988	1.17988	0.123207	1.30817	1.30817	0.200015	0.804301	-1.24332	0.288684	1.19385	1.19385	0.479198	1.12268	1.12268	0.012853	0.608364	-1.64375	0.476931	0.890174	-1.12338	0.454486	0.884652	-1.13039	2.40084	0.984001	0.364318	1
cg23256683	IQGAP2	0.115892	0.562067	0.88468	-1.13035	0.336858	0.813042	-1.22995	0.60949	0.897911	-1.1137	0.552132	1.13397	1.13397	0.0048615	0.458199	-2.18246	0.481245	0.861019	-1.16141	0.0794162	0.665655	-1.50228	0.783841	1.05916	1.05916	0.12369	0.705732	-1.41697	2.40081	1.66126	0.615076	1
cg07414574	HVCN1;HVCN1	0.115894	0.250003	0.551664	-1.8127	0.0973713	0.40653	-2.45984	0.119116	0.433049	-2.30921	0.443429	0.679341	-1.47201	0.00663887	0.174971	-5.71525	0.472097	0.696352	-1.43606	0.136345	0.451989	-2.21244	0.302875	0.589749	-1.69564	0.042001	0.313657	-3.1882	2.4008	9.30883	3.44657	1
cg22723887	DOT1L	0.115898	0.296409	0.849411	-1.17729	0.488576	1.1119	1.1119	0.462987	0.893487	-1.11921	0.0606341	1.37559	1.37559	0.508936	0.903925	-1.10629	0.397003	1.13968	1.13968	0.00792434	1.67085	1.67085	0.998737	0.999761	-1.00024	0.704557	1.05911	1.05911	2.40076	0.864112	0.319941	1
cg13643356	DOT1L	0.1159	0.3753	0.83552	-1.19686	0.198575	1.30775	1.30775	0.601273	0.901111	-1.10974	0.866851	1.03369	1.03369	0.103468	0.7035	-1.42146	0.804984	0.95232	-1.05007	0.040529	1.59544	1.59544	0.104337	1.41998	1.41998	0.0641802	1.50796	1.50796	2.40074	1.48291	0.549058	1
cg09638668	RFX4	0.115901	0.0355524	0.564633	-1.77106	0.555249	0.869898	-1.14956	0.349919	0.798712	-1.25202	0.292757	0.774949	-1.29041	0.469829	0.842184	-1.18739	0.873728	0.96353	-1.03785	0.0042313	0.408824	-2.44604	0.41662	0.823722	-1.214	0.187193	0.721411	-1.38617	2.40072	2.07463	0.76815	1
cg16419724	MARVELD2;MARVELD2	0.115903	0.607433	1.20049	1.20049	0.00660065	3.46836	3.46836	0.319679	1.4371	1.4371	0.793074	0.911462	-1.09714	0.753297	0.894774	-1.1176	0.210433	1.59261	1.59261	0.0547734	2.15586	2.15586	0.214524	1.58533	1.58533	0.557614	0.811294	-1.2326	2.40071	4.72804	1.75061	1
cg20660775	C1QTNF4	0.115907	0.341058	0.595904	-1.67812	0.0291966	3.88035	3.88035	0.419798	1.54486	1.54486	0.0823089	0.362198	-2.76092	0.0793741	0.357882	-2.79421	0.739865	1.19222	1.19222	0.614443	0.764898	-1.30736	0.451537	1.4989	1.4989	0.19895	0.488598	-2.04667	2.40067	10.5857	3.91953	1
cg00608605	DDAH2	0.115907	0.322038	1.61545	1.61545	0.776512	1.14274	1.14274	0.489588	1.38968	1.38968	0.564832	0.761213	-1.31369	0.412818	0.675339	-1.48074	0.536536	0.745708	-1.34101	0.254886	1.74599	1.74599	0.00926684	0.212658	-4.70239	0.116425	2.22512	2.22512	2.40067	8.35707	3.09435	1
cg24961795	PLCG1;PLCG1	0.115909	0.336391	0.618729	-1.61622	0.0403514	0.317578	-3.14884	0.738726	0.850331	-1.17601	0.0871728	2.49625	2.49625	0.686536	0.821602	-1.21713	0.94617	0.967825	-1.03324	0.0787187	0.388396	-2.57469	0.0669873	2.70336	2.70336	0.872919	1.08062	1.08062	2.40066	8.91938	3.30257	1
cg06119536	SLTM;SLTM	0.115909	0.609233	1.32012	1.32012	0.357687	1.66452	1.66452	0.101475	2.62718	2.62718	0.338492	1.70146	1.70146	0.0312635	0.256334	-3.90116	0.0403267	0.279175	-3.58199	0.751781	1.18641	1.18641	0.351653	0.596701	-1.67588	0.967682	0.978412	-1.02206	2.40065	11.0328	4.08513	1
cg10091299	MAP4K5;ATL1;MAP4K5	0.115911	0.486498	0.919163	-1.08795	0.0428647	1.32028	1.32028	0.28148	0.875082	-1.14275	0.419493	0.906347	-1.10333	0.0618361	1.28494	1.28494	0.787617	0.968322	-1.03271	0.0904529	0.8006	-1.24906	0.729391	0.959446	-1.04227	0.15288	1.20022	1.20022	2.40063	0.540338	0.200073	1
cg21459460	WRB;WRB	0.115912	0.195229	4.73097	4.73097	0.0139634	31.3185	31.3185	0.0776098	9.25463	9.25463	0.682852	1.59363	1.59363	0.130586	6.37321	6.37321	0.437869	2.454	2.454	0.0464507	13.2947	13.2947	0.0632142	10.6996	10.6996	0.0864766	8.57027	8.57027	2.40063	48.9291	18.1172	1
cg24560494	PCDH8;PCDH8	0.115915	0.0385155	0.793916	-1.25958	0.577232	0.94723	-1.05571	0.995423	1.00055	1.00055	0.363177	1.09414	1.09414	0.247795	0.890188	-1.12336	0.0357464	0.790377	-1.26522	0.555998	1.05901	1.05901	0.0903256	1.19684	1.19684	0.520377	1.06473	1.06473	2.40059	0.352377	0.130478	1
cg09395833	ILVBL	0.115916	0.370541	1.19371	1.19371	0.553394	0.890967	-1.12238	0.459465	0.864995	-1.15608	0.0121154	0.547591	-1.82618	0.167519	1.32749	1.32749	0.367099	1.19531	1.19531	0.913924	0.979395	-1.02104	0.136987	1.36132	1.36132	0.286044	1.23781	1.23781	2.40058	1.40972	0.521992	1
cg09397246	FES;FES;FES;FES	0.115917	0.854292	0.915799	-1.09194	0.300839	1.67019	1.67019	0.718017	1.18947	1.18947	0.858865	0.918364	-1.08889	0.443321	0.688002	-1.45348	0.685816	1.21481	1.21481	0.394841	1.51735	1.51735	0.0129071	0.228355	-4.37915	0.0365522	3.19797	3.19797	2.40058	8.70373	3.22283	1
cg01436159	ASPSCR1	0.115918	0.510173	0.822659	-1.21557	0.159075	0.644161	-1.55241	0.645831	1.14479	1.14479	0.292708	0.72688	-1.37574	0.797097	0.927474	-1.0782	0.361746	0.760363	-1.31516	0.0057902	2.87595	2.87595	0.774638	0.919534	-1.08751	0.801292	1.07648	1.07648	2.40057	3.24671	1.2022	1
cg00686046	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.115918	0.443897	1.10813	1.10813	0.0366364	0.726571	-1.37633	0.14214	0.812545	-1.2307	0.240827	0.850846	-1.1753	0.194358	0.834767	-1.19794	0.788924	0.96532	-1.03593	0.329609	0.876039	-1.1415	0.0105449	0.654917	-1.52691	0.798054	1.0343	1.0343	2.40057	0.657869	0.243597	1
cg20547653	SLC5A7	0.115918	0.268822	0.926634	-1.07918	0.665436	1.0292	1.0292	0.486131	0.954257	-1.04794	0.600543	1.03557	1.03557	0.198161	0.913947	-1.09415	0.725248	0.976924	-1.02362	0.00354067	0.769855	-1.29895	0.52315	1.04374	1.04374	0.800398	0.983378	-1.0169	2.40057	0.16643	0.061626	1
cg02047661	RRP9;PARP3;PARP3	0.115918	0.210714	0.580637	-1.72225	0.305807	1.54818	1.54818	0.847276	0.923595	-1.08273	0.271947	1.60223	1.60223	0.396833	0.699319	-1.42996	0.543903	1.28817	1.28817	0.0754594	0.442294	-2.26094	0.0206645	0.317041	-3.15417	0.0955674	0.470136	-2.12705	2.40057	6.46033	2.39215	1
cg20141105	NME6	0.115919	0.622971	1.24231	1.24231	0.530628	1.32064	1.32064	0.637226	1.23119	1.23119	?	?	?	0.0106529	0.245149	-4.07915	0.828791	0.909534	-1.09946	0.75885	0.873871	-1.14433	0.0688557	0.410035	-2.43881	0.1135	0.470464	-2.12556	2.4245	6.54339	2.69886	1
cg04698187	LRRN2;LRRN2	0.11592	0.886159	0.97769	-1.02282	0.0594933	1.39797	1.39797	0.0251898	1.52088	1.52088	0.996461	1.0007	1.0007	0.67657	1.06831	1.06831	0.806408	0.962067	-1.03943	0.0283069	0.665122	-1.50348	0.864609	1.02724	1.02724	0.952321	1.00946	1.00946	2.40055	0.943136	0.349229	1
cg19992083	MAGEA12;MAGEA12;CSAG1;MAGEA12;CSAG1	0.115921	0.135356	0.44974	-2.22351	0.238367	0.541666	-1.84616	0.160201	0.474788	-2.1062	0.0696255	0.365166	-2.73848	0.00723954	0.179018	-5.58603	0.200463	0.511019	-1.95687	0.062914	0.353903	-2.82563	0.939821	0.96321	-1.0382	0.314856	0.596917	-1.67527	2.40054	9.37034	3.46972	1
cg02461773	RUFY2;RUFY2	0.115925	0.0407659	0.610073	-1.63915	0.731021	1.07487	1.07487	0.473021	1.16498	1.16498	0.766338	1.06434	1.06434	0.0129989	0.524729	-1.90575	0.973844	1.00688	1.00688	0.156388	1.37331	1.37331	0.819529	0.95331	-1.04898	0.556323	1.13258	1.13258	2.4005	1.66438	0.616308	1
cg18781372	SCN11A	0.115927	0.381888	0.547141	-1.82768	0.766711	1.22148	1.22148	0.0262984	0.169997	-5.88245	0.545051	1.50965	1.50965	0.103868	0.302448	-3.30635	0.129149	0.331999	-3.01206	0.033213	0.187509	-5.33308	0.558207	0.671549	-1.4891	0.0546715	0.230928	-4.33036	2.40049	17.191	6.36574	1
cg17212000	FAM82A1;FAM82A1;FAM82A1;FAM82A1	0.115929	0.0957806	1.76874	1.76874	0.0391137	0.475108	-2.10478	0.110239	0.581252	-1.72042	0.596265	1.18135	1.18135	0.456481	0.789472	-1.26667	0.633423	1.16156	1.16156	0.50124	1.2371	1.2371	0.609413	1.17424	1.17424	0.0520795	0.502184	-1.9913	2.40047	3.69378	1.3678	1
cg13518270	SALL4	0.115932	0.849316	1.06169	1.06169	0.0901752	0.555579	-1.79992	0.0207962	0.416528	-2.4008	0.317982	0.722627	-1.38384	0.02315	0.425477	-2.3503	0.0583962	0.510126	-1.9603	0.349073	0.73831	-1.35444	0.314446	0.720791	-1.38736	0.783453	1.09057	1.09057	2.40044	3.76585	1.3945	1
cg03994959	LIG4;LIG4;LIG4;LIG4	0.115932	0.637431	1.21741	1.21741	0.578103	0.792294	-1.26216	0.0151104	3.44603	3.44603	0.0213952	3.1448	3.1448	0.584257	0.795338	-1.25733	0.883179	0.940887	-1.06283	0.259432	0.614134	-1.62831	0.937273	0.967909	-1.03315	0.466055	1.35988	1.35988	2.40044	6.52891	2.41767	1
cg16060740	C1orf159	0.115935	0.233702	0.454711	-2.1992	0.0596215	0.26137	-3.82599	0.822316	0.867641	-1.15255	0.599483	0.715705	-1.39722	0.0122307	0.139416	-7.17278	0.036314	0.215188	-4.6471	0.847793	0.885776	-1.12895	0.15325	0.380853	-2.62568	0.0833031	0.298148	-3.35404	2.40041	15.1476	5.60928	1
cg21095344	IP6K3;IP6K3	0.115936	0.0670612	0.578008	-1.73008	0.195892	0.694013	-1.4409	0.110974	0.628928	-1.59001	0.744221	0.91628	-1.09137	0.0413777	0.533503	-1.8744	0.866222	1.04606	1.04606	0.0414166	0.533586	-1.87411	0.640799	0.882061	-1.13371	0.0226122	0.48236	-2.07314	2.40041	2.71145	1.00407	1
cg01193506	GGA1;GGA1;GGA1	0.115937	0.147768	0.643043	-1.55511	0.305471	0.73956	-1.35216	0.644497	1.14123	1.14123	0.656398	0.880459	-1.13577	0.890876	0.961723	-1.0398	0.0206766	0.452836	-2.2083	0.860931	1.05112	1.05112	0.0648696	1.80305	1.80305	0.151134	1.54866	1.54866	2.40039	3.07329	1.13807	1
cg26893544	SOD1;SOD1	0.115938	0.055729	0.287467	-3.47866	0.0534814	0.279469	-3.57822	?	?	?	0.0681044	0.327428	-3.05411	?	?	?	?	?	?	?	?	?	0.148141	0.493223	-2.02748	?	?	?	7.86759	4.63888	0.29481	1
cg23965061	TNFRSF10C;TNFRSF10C	0.115939	0.754296	1.42968	1.42968	0.64824	1.68696	1.68696	0.056738	11.6489	11.6489	0.506391	2.15448	2.15448	0.0568902	11.6268	11.6268	0.856646	1.22859	1.22859	0.558311	0.509693	-1.96196	0.0300657	18.261	18.261	0.0214911	23.2075	23.2075	2.40038	49.2756	18.2473	1
cg14866200	SHISA3	0.115939	0.151265	2.63313	2.63313	0.545435	1.465	1.465	0.736235	1.23455	1.23455	0.518163	0.664371	-1.50518	0.00580081	0.0951813	-10.5063	0.354207	1.81539	1.81539	0.948499	1.04106	1.04106	0.454928	0.621627	-1.60868	0.81203	0.862056	-1.16002	2.54267	15.2957	4.67879	1
cg12307092	KRTAP10-1;C21orf29	0.115941	0.358985	0.661319	-1.51213	0.0395723	0.35219	-2.83938	0.0307782	0.328839	-3.04101	0.257911	0.595958	-1.67797	0.174537	0.5309	-1.88359	0.187467	0.542014	-1.84497	0.0631147	0.399937	-2.50039	0.0208468	0.29543	-3.38489	0.13197	0.490261	-2.03973	2.40036	7.30722	2.70597	1
cg05702280	DNAJB5;DNAJB5	0.115942	0.340226	0.722342	-1.38439	0.10135	1.81054	1.81054	0.0734858	1.9355	1.9355	0.441323	1.2967	1.2967	0.0198252	0.394222	-2.53664	0.849447	1.06491	1.06491	0.798438	1.08837	1.08837	0.530234	0.810256	-1.23418	0.286776	1.44201	1.44201	2.40035	4.16305	1.54164	1
cg17111663	SORCS2	0.115943	0.985056	0.991027	-1.00905	0.0877279	0.403716	-2.47699	0.102865	0.423665	-2.36035	0.155505	0.481221	-2.07805	0.0450721	0.330664	-3.02421	0.192326	1.94278	1.94278	0.391279	0.655258	-1.52612	0.42534	0.675849	-1.47962	0.0293727	0.290862	-3.43806	2.40034	8.80494	3.26063	1
cg01476047	ASCC1	0.115943	0.396313	0.613692	-1.62948	0.00608352	0.133553	-7.48769	0.0503501	0.285387	-3.50402	0.540373	0.70581	-1.41681	0.29484	0.542974	-1.84171	0.301643	0.547968	-1.82492	0.197034	0.46458	-2.15248	0.998433	1.0011	1.0011	0.418453	1.5916	1.5916	2.40034	12.0117	4.44815	1
cg25964728	TMEM22;TMEM22;TMEM22	0.115944	0.825789	0.82795	-1.2078	0.885289	0.8837	-1.13161	0.19713	3.21497	3.21497	0.116568	0.232129	-4.30796	0.654196	0.679656	-1.47133	0.257983	0.363867	-2.74826	0.15556	0.272125	-3.67479	0.0122317	0.0690195	-14.4887	0.063763	0.167816	-5.95891	2.40033	27.8869	10.327	1
cg12243453	HTR3B	0.115944	0.0227201	0.189027	-5.29025	0.630325	1.34479	1.34479	0.493533	0.653916	-1.52925	0.035676	0.224586	-4.45263	0.147545	0.387018	-2.58386	0.17771	0.416857	-2.3989	0.0394999	0.233444	-4.28368	0.164711	0.404337	-2.47319	0.156334	0.396006	-2.52522	2.40033	14.187	5.25372	1
cg11231864	MGC13005	0.115946	0.133631	0.564738	-1.77073	0.0557364	0.465072	-2.15021	0.919874	0.965087	-1.03618	0.352862	0.713455	-1.40163	0.0248075	0.389221	-2.56923	0.0598616	0.472417	-2.11677	0.0727263	0.493879	-2.02479	0.0350838	0.420153	-2.38008	0.319026	0.695091	-1.43866	2.40031	4.74198	1.75606	1
cg18377376	NTM	0.115946	0.0432237	0.682181	-1.46589	0.162245	1.27814	1.27814	0.0457426	1.45743	1.45743	0.483403	1.12428	1.12428	0.83882	1.03406	1.03406	0.197731	0.799384	-1.25096	0.18661	1.25892	1.25892	0.576062	1.09736	1.09736	0.349314	0.853461	-1.1717	2.40031	1.02827	0.380789	1
cg12457721	LOC729375	0.115946	0.131823	0.737824	-1.35534	0.654263	0.91919	-1.08791	0.041849	0.645039	-1.55029	0.909039	0.978863	-1.02159	0.0124388	0.559099	-1.78859	0.195798	0.774359	-1.29139	0.0424774	0.646156	-1.54761	0.604683	0.906995	-1.10254	0.120517	0.729953	-1.36995	2.40031	1.3283	0.491898	1
cg21422834	ARPC1A	0.115946	0.952553	1.00909	1.00909	0.0457963	1.41624	1.41624	0.301687	1.17662	1.17662	0.0964453	1.31972	1.31972	0.583181	1.08788	1.08788	0.156841	1.2588	1.2588	0.0437279	1.42244	1.42244	0.0358675	1.44932	1.44932	0.0303625	1.47237	1.47237	2.40031	0.878262	0.32524	1
cg20337385	PNN	0.115947	0.466878	1.22191	1.22191	0.36127	1.28923	1.28923	0.0325163	1.96881	1.96881	0.42743	1.24525	1.24525	0.282915	0.73932	-1.35259	0.229006	0.710546	-1.40737	0.0269774	0.492135	-2.03196	0.661262	1.12677	1.12677	0.8283	1.06056	1.06056	2.4003	2.78563	1.03159	1
cg03761665	HNRNPF;HNRNPF;HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.115952	0.219761	0.747702	-1.33743	0.15815	1.4049	1.4049	0.53262	0.867265	-1.15305	0.541408	1.14946	1.14946	0.268114	1.29681	1.29681	0.0105677	0.484487	-2.06404	0.704547	1.08963	1.08963	0.505708	1.16434	1.16434	0.242955	0.759335	-1.31694	2.40026	1.92996	0.714725	1
cg02693745	ATRN;ATRN	0.115952	0.238079	0.831639	-1.20245	0.640067	0.932155	-1.07278	0.410776	0.882077	-1.13369	0.10166	0.765426	-1.30646	0.0941987	0.759958	-1.31586	0.887625	0.979128	-1.02132	0.0157812	1.55464	1.55464	0.337731	0.86292	-1.15886	0.314757	0.856346	-1.16775	2.40025	0.846001	0.313301	1
cg02083412	DLGAP2	0.115953	0.195068	2.34881	2.34881	0.081374	3.3322	3.3322	0.102526	3.04388	3.04388	0.696929	1.27616	1.27616	0.841279	0.882563	-1.13306	0.223114	2.22016	2.22016	0.0533524	3.92532	3.92532	0.0142062	6.58468	6.58468	0.06388	3.66091	3.66091	2.40025	14.7569	5.46496	1
cg27189973	FAM38A	0.115954	0.029993	0.421678	-2.37148	0.286681	1.45386	1.45386	0.117715	0.562896	-1.77653	0.464432	0.777363	-1.2864	0.778409	0.908991	-1.10012	0.974719	1.01078	1.01078	0.100793	0.54447	-1.83665	0.0618392	0.490987	-2.03671	0.0450621	0.459401	-2.17675	2.40024	4.34916	1.61064	1
cg12598007	CPT1A;CPT1A	0.115954	0.29954	0.905449	-1.10442	0.174425	1.14277	1.14277	0.0689428	1.20687	1.20687	0.755029	0.971499	-1.02934	0.0233316	1.28451	1.28451	0.198088	0.881911	-1.1339	0.974904	0.997098	-1.00291	0.913979	1.01003	1.01003	0.10565	1.17738	1.17738	2.40024	0.324428	0.120146	1
cg02574374	ACSL5;ACSL5;ACSL5	0.115955	0.64438	0.741389	-1.34882	0.0380631	0.21268	-4.70191	0.0207632	0.166611	-6.00199	0.57728	0.695942	-1.4369	0.354483	0.541586	-1.84643	0.987243	1.01035	1.01035	0.0362963	0.20867	-4.79225	0.470755	0.623536	-1.60376	0.0372838	0.210926	-4.74101	2.40023	15.7551	5.83466	1
cg10764196	RP1L1	0.115957	0.19097	0.425537	-2.34997	0.108616	0.33964	-2.9443	0.691956	0.782139	-1.27855	0.38054	0.574062	-1.74197	0.0362427	0.222575	-4.49286	0.0909113	0.316907	-3.1555	0.014481	0.155829	-6.41731	0.0440957	0.239962	-4.16733	0.26093	0.485068	-2.06157	2.4002	14.4735	5.3601	1
cg14630369	PCCA;PCCA	0.115958	0.916908	1.01829	1.01829	0.989833	1.00222	1.00222	0.481953	1.13217	1.13217	0.012994	0.585458	-1.70807	0.933933	0.985703	-1.0145	0.382252	0.855869	-1.1684	0.0731965	1.41486	1.41486	0.0742773	0.707909	-1.41261	0.616953	0.91614	-1.09154	2.4002	1.14676	0.424691	1
cg05705964	CTPS	0.115959	0.722535	0.920354	-1.08654	0.0675348	1.61093	1.61093	0.852565	0.957614	-1.04426	0.731178	1.0836	1.0836	0.085136	1.55758	1.55758	0.196707	0.727783	-1.37404	0.0362411	1.76272	1.76272	0.321098	1.26953	1.26953	0.151972	0.699573	-1.42944	2.40019	2.06011	0.76294	1
cg07233159	LOX	0.11596	0.0892122	0.319286	-3.13199	0.299911	1.92397	1.92397	0.484445	0.648686	-1.54158	0.0670557	0.2864	-3.49162	0.259513	0.488448	-2.0473	0.398988	0.590969	-1.69214	0.0197579	0.180001	-5.55553	0.0858775	0.31467	-3.17793	0.0913054	0.322132	-3.10432	2.40018	14.1055	5.22386	1
cg06497051	TMEM79;TMEM79	0.115962	0.0516657	5.73301	5.73301	0.0808549	4.6014	4.6014	0.07341	4.82567	4.82567	0.493074	1.73127	1.73127	0.273391	2.45651	2.45651	0.878679	0.886532	-1.12799	0.0260892	8.01791	8.01791	0.0746374	4.78645	4.78645	0.0529557	5.6642	5.6642	2.40016	23.6324	8.75212	1
cg07659624	SLC25A37	0.115962	0.157634	0.668527	-1.49583	0.0355381	1.91974	1.91974	0.350438	1.29193	1.29193	0.383205	0.787959	-1.2691	0.0469861	0.54556	-1.83298	0.722768	1.09958	1.09958	0.775543	1.07916	1.07916	0.113989	1.58128	1.58128	0.999715	0.999905	-1.0001	2.40016	2.69989	0.99989	1
cg08119256	ATP11A;ATP11A	0.115963	0.122248	0.249986	-4.00023	0.0580392	5.89086	5.89086	0.0655461	5.53331	5.53331	0.893431	1.11733	1.11733	0.0799909	0.200299	-4.99253	0.277181	0.392394	-2.54846	0.335365	0.439413	-2.27576	0.746245	0.764329	-1.30834	0.377833	0.472841	-2.11488	2.40016	26.0449	9.64562	1
cg05869392	KIAA0913	0.115964	0.413701	1.39917	1.39917	0.373158	0.692479	-1.44409	0.0185632	0.31747	-3.1499	0.695751	1.17113	1.17113	0.302217	0.650772	-1.53664	0.0370454	0.377851	-2.64655	0.396878	0.705601	-1.41723	0.392414	1.42216	1.42216	0.0969749	0.480834	-2.07972	2.40015	6.14143	2.27446	1
cg17458604	C19orf29;C19orf29	0.115967	0.304635	0.771978	-1.29537	0.157052	1.44545	1.44545	0.170615	0.701013	-1.42651	0.564571	1.15232	1.15232	0.392378	0.807902	-1.23777	0.266165	1.32585	1.32585	0.990504	1.0029	1.0029	0.0225552	0.514287	-1.94444	0.0691454	0.609542	-1.64058	2.40011	2.2528	0.834329	1
cg18846804	ISOC2;ISOC2;ISOC2	0.115968	0.217045	0.502885	-1.98853	0.293015	0.561394	-1.78128	0.304613	0.569692	-1.75533	0.0415986	3.46724	3.46724	0.321721	0.5817	-1.7191	0.206712	0.494206	-2.02345	0.942277	1.03907	1.03907	0.0413411	3.47433	3.47433	0.541331	1.38714	1.38714	2.4001	10.6473	3.94329	1
cg14043925	NAP1L4	0.115969	0.525643	1.12444	1.12444	0.130674	0.74256	-1.34669	0.626877	0.914537	-1.09345	0.424911	0.861913	-1.16021	0.619079	0.912655	-1.0957	0.106768	0.72533	-1.37868	0.0684087	0.689318	-1.45071	0.135804	1.34063	1.34063	0.0571786	1.48052	1.48052	2.4001	1.26412	0.468175	1
cg23656906	UNC84A;UNC84A	0.115969	0.5438	0.787809	-1.26934	0.583125	0.806432	-1.24003	0.567912	0.799265	-1.25115	0.178101	1.74263	1.74263	0.0576139	0.434588	-2.30103	0.039625	0.397091	-2.51831	0.0217896	0.343465	-2.9115	0.786399	1.11119	1.11119	0.288242	0.651852	-1.53409	2.40009	5.72675	2.12094	1
cg09141338	FXR2;SHBG	0.11597	0.464731	1.35886	1.35886	0.0344056	2.76452	2.76452	0.346463	1.49117	1.49117	0.126246	1.9774	1.9774	0.798144	1.1114	1.1114	0.318182	0.653635	-1.52991	0.0423596	0.381529	-2.62103	0.248011	0.607916	-1.64496	0.942208	0.970562	-1.03033	2.40009	6.45632	2.39114	1
cg03224175	RNF24;RNF24;RNF24	0.11597	0.442658	0.779567	-1.28276	0.502145	0.805187	-1.24195	0.752019	0.904076	-1.1061	0.518847	0.812165	-1.23128	0.936249	0.974873	-1.02577	0.0138042	0.379773	-2.63315	0.0277053	2.28854	2.28854	0.402173	1.31358	1.31358	0.614169	0.850686	-1.17552	2.40009	3.84683	1.4247	1
cg21406402	LOC84931	0.115971	0.12837	0.660644	-1.51367	0.331359	0.776642	-1.28759	0.435551	1.22218	1.22218	0.0973231	0.631985	-1.58232	0.101299	0.636024	-1.57227	0.346093	0.782922	-1.27727	0.0186885	0.487301	-2.05212	0.254349	1.35011	1.35011	0.19319	0.7066	-1.41523	2.40008	2.41798	0.895518	1
cg10381036	XAF1;XAF1	0.115976	0.025539	0.241469	-4.14132	0.584182	1.34443	1.34443	0.0359626	0.270745	-3.69351	0.321935	0.578124	-1.72973	0.348548	0.596411	-1.6767	0.906155	0.938796	-1.06519	0.156546	2.25144	2.25144	0.580112	0.741376	-1.34884	0.0878372	0.36462	-2.74258	2.40003	10.9011	4.03738	1
cg25983575	PROC	0.115977	0.00839181	0.362195	-2.76094	0.470252	0.801276	-1.24801	0.0254969	0.449051	-2.22692	0.72813	0.900098	-1.11099	0.122304	0.603471	-1.65708	0.336795	0.741792	-1.34809	0.183847	0.653617	-1.52995	0.189315	0.657462	-1.521	0.12456	0.605601	-1.65125	2.40003	3.45767	1.2806	1
cg05091796	CORO7	0.115978	0.750205	1.0581	1.0581	0.0297712	0.636212	-1.5718	0.606635	0.912258	-1.09618	0.0717707	0.700855	-1.42683	0.41775	0.863795	-1.15768	0.136296	1.32819	1.32819	0.126956	1.33893	1.33893	0.342143	1.18894	1.18894	0.535798	1.11725	1.11725	2.40001	1.18839	0.440141	1
cg00133136	MYT1	0.115979	0.0121717	0.644985	-1.55042	0.825874	1.03141	1.03141	0.412334	1.12484	1.12484	0.773938	1.04125	1.04125	0.253667	1.18212	1.18212	0.572205	1.0834	1.0834	0.268762	1.17546	1.17546	0.237523	1.18966	1.18966	0.107664	0.781604	-1.27942	2.40001	0.748747	0.277312	1
cg05520288	DNAJC21;DNAJC21	0.115979	0.374081	0.80186	-1.2471	0.87459	1.03897	1.03897	0.798918	0.940087	-1.06373	0.0668166	0.608152	-1.64433	0.0567203	0.59334	-1.68538	0.237918	0.741404	-1.34879	0.783866	1.06881	1.06881	0.263108	1.32626	1.32626	0.0369095	1.79784	1.79784	2.4	2.22654	0.824642	1
cg22197358	TCF3;TCF3	0.115985	0.39447	0.84219	-1.18738	0.522904	1.13599	1.13599	0.297863	0.808555	-1.23677	0.0254067	1.68736	1.68736	0.0693941	0.670322	-1.49182	0.52493	0.880851	-1.13527	0.0770074	1.47286	1.47286	0.628953	0.908574	-1.10063	0.628746	1.10069	1.10069	2.39995	1.4739	0.5459	1
cg27642554	GRM1;GRM1	0.115986	0.175838	4.64623	4.64623	0.206529	4.14469	4.14469	0.272578	0.295622	-3.3827	0.628858	0.594662	-1.68163	0.185565	0.223561	-4.47305	0.376414	0.379577	-2.63451	0.650737	1.62645	1.62645	0.0203203	19.7921	19.7921	0.120522	6.03209	6.03209	2.39994	43.2895	16.0335	1
cg05502445	DIRC3	0.115987	0.936602	1.0168	1.0168	0.332321	0.810981	-1.23307	0.460342	0.854309	-1.17054	0.295368	0.796661	-1.25524	0.0267245	0.576998	-1.73311	0.417965	0.840811	-1.18933	0.017649	1.8307	1.8307	0.991855	0.997864	-1.00214	0.744871	1.0708	1.0708	2.39994	1.66802	0.617803	1
ch.15.433532F	RTF1	0.115991	0.366987	0.606025	-1.6501	0.517174	1.42603	1.42603	0.357185	1.6682	1.6682	0.62712	0.767545	-1.30285	0.372007	0.609371	-1.64104	0.0031406	0.11282	-8.8637	0.439762	0.653232	-1.53085	0.722409	0.824677	-1.2126	0.749761	0.841193	-1.18879	2.3999	11.1006	4.11152	1
cg08128889	TBCD	0.115994	0.676994	0.92683	-1.07895	0.0300943	1.58831	1.58831	0.0233523	1.63474	1.63474	0.712299	1.06949	1.06949	0.303394	1.21331	1.21331	0.236134	1.25254	1.25254	0.0191937	1.67183	1.67183	0.595255	1.10214	1.10214	0.72923	1.06506	1.06506	2.39986	1.25044	0.463152	1
cg17057934	NTM;NTM;NTM;NTM	0.115996	0.769364	1.05979	1.05979	0.119918	0.716617	-1.39545	0.923741	0.981268	-1.01909	0.338065	0.822796	-1.21537	0.327683	0.819099	-1.22085	0.0218971	1.72145	1.72145	0.0375462	1.61055	1.61055	0.847028	0.962574	-1.03888	0.793291	1.05324	1.05324	2.39985	1.48259	0.549143	1
cg04667180	GIMAP2	0.115997	0.0169542	0.181447	-5.51126	0.306395	0.537594	-1.86014	0.188653	0.442056	-2.26216	0.628956	0.751736	-1.33025	0.0973184	0.344243	-2.90492	0.0218537	0.199364	-5.01594	0.109585	0.359723	-2.77992	0.34038	0.56221	-1.7787	0.0582974	0.285336	-3.50464	2.39984	13.0565	4.83604	1
cg06357748	RAD52	0.115998	0.27134	0.572255	-1.74747	0.980216	1.01216	1.01216	0.753925	0.857892	-1.16565	0.122721	0.442563	-2.25957	0.0352648	0.302651	-3.30413	0.204628	1.9202	1.9202	0.0690568	2.6955	2.6955	0.73954	0.849906	-1.1766	0.111509	0.429598	-2.32776	2.39983	9.03014	3.34473	1
cg14538868	CEBPZ;C2orf56;C2orf56;C2orf56;C2orf56	0.116	0.815461	0.968608	-1.03241	0.0184753	1.47675	1.47675	0.199101	1.20335	1.20335	0.257246	1.17504	1.17504	0.601108	1.07462	1.07462	0.957091	1.00737	1.00737	0.226636	0.840978	-1.18909	0.0699594	0.758485	-1.31842	0.233064	1.186	1.186	2.39981	0.707413	0.262026	1
cg18247042	SIX1	0.116002	0.303151	0.57228	-1.7474	0.0737827	2.83753	2.83753	0.0352283	3.60903	3.60903	0.0499007	0.310296	-3.22273	0.487156	1.4469	1.4469	0.313652	0.579659	-1.72515	0.526058	0.714486	-1.39961	0.714669	1.21184	1.21184	0.862362	1.09505	1.09505	2.39979	10.4076	3.85498	1
cg14851496	PACS2;PACS2	0.116006	0.877316	1.02566	1.02566	0.746589	1.05462	1.05462	0.305083	0.840134	-1.19029	0.673781	0.932911	-1.07191	0.0190254	1.59304	1.59304	0.0961538	0.741058	-1.34942	0.472212	0.886978	-1.12742	0.0902482	0.736227	-1.35828	0.152208	0.777582	-1.28604	2.39975	1.02248	0.378736	1
cg15484899	CD276;CD276	0.116007	0.209456	0.800411	-1.24936	0.266504	0.822965	-1.21512	0.877341	1.02633	1.02633	0.0152948	0.605834	-1.65062	0.793623	0.956835	-1.04511	0.129042	0.758774	-1.31792	0.0288401	0.64806	-1.54307	0.947652	1.01111	1.01111	0.318194	1.18962	1.18962	2.39975	1.07649	0.398743	1
cg09556447	PI16	0.116008	0.279318	1.2177	1.2177	0.570084	0.904375	-1.10574	0.33021	1.19238	1.19238	0.960054	0.991267	-1.00881	0.830148	1.03834	1.03834	0.354256	0.846286	-1.18163	0.0033515	2.01179	2.01179	0.55032	1.11163	1.11163	0.535136	1.11626	1.11626	2.39974	1.16553	0.431725	1
cg15376057	SKIV2L	0.11601	0.0695949	0.482068	-2.0744	0.0582807	0.463308	-2.15839	0.0159178	0.345954	-2.89056	0.613831	1.20074	1.20074	0.63359	1.18846	1.18846	0.402806	1.36047	1.36047	0.739244	1.12761	1.12761	0.845395	1.07271	1.07271	0.250999	0.649711	-1.53915	2.39972	4.91289	1.8198	1
cg08129490	CHIA;CHIA	0.116011	0.146665	1.86841	1.86841	0.824	1.0935	1.0935	0.675443	0.84454	-1.18408	0.529353	1.29135	1.29135	0.0068858	4.07072	4.07072	0.615631	1.22522	1.22522	0.0275798	2.8446	2.8446	0.614881	1.22576	1.22576	0.217939	1.6821	1.6821	2.39971	6.11931	2.26668	1
cg12972869	TREX2	0.116011	0.707208	0.89118	-1.12211	0.664798	0.87537	-1.14237	0.0579832	0.519788	-1.92386	0.697192	0.88746	-1.12681	0.0127683	0.388847	-2.57171	0.26633	1.42422	1.42422	0.150685	1.60046	1.60046	0.324898	0.733161	-1.36396	0.860271	1.05527	1.05527	2.39971	3.54309	1.31242	1
cg15048700	LPP;LPP;LPP	0.116015	0.247032	0.756266	-1.32229	0.405982	1.21679	1.21679	0.201512	0.732492	-1.3652	0.571245	1.14118	1.14118	0.253718	1.31666	1.31666	0.0229164	1.8741	1.8741	0.0292827	1.80881	1.80881	0.862358	0.96074	-1.04086	0.9344	1.01918	1.01918	2.39968	2.0245	0.749915	1
cg05431670	DAXX;DAXX;DAXX;DAXX	0.116018	0.447608	0.799411	-1.25092	0.949398	1.01853	1.01853	0.0571266	1.86372	1.86372	0.50734	0.823193	-1.21478	0.248498	1.41756	1.41756	0.256414	0.709881	-1.40869	0.0143937	0.417871	-2.39309	0.511275	0.824718	-1.21254	0.511046	1.21267	1.21267	2.39965	3.17988	1.17791	1
cg27278227	WIZ	0.116022	0.370517	0.61512	-1.6257	0.240888	0.522678	-1.91322	0.0682701	0.340009	-2.9411	0.225191	0.510108	-1.96037	0.0523379	0.311581	-3.20944	0.357817	0.60671	-1.64823	0.020069	0.227101	-4.40333	0.0168342	0.214113	-4.67042	0.284965	0.556051	-1.79839	2.39961	10.6126	3.93123	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09827440	LOC401397;LOC401397	0.116023	0.0197881	2.05696	2.05696	0.345207	0.779451	-1.28295	0.122078	1.53646	1.53646	0.407523	0.804817	-1.24252	0.417869	0.808823	-1.23636	0.47331	0.829505	-1.20554	0.210396	1.4025	1.4025	0.0756654	1.65992	1.65992	0.521209	1.18133	1.18133	2.3996	2.49633	0.924723	1
cg04850366	FLJ45983;FLJ45983	0.116023	0.960699	1.03132	1.03132	0.335397	1.86221	1.86221	0.516158	1.50992	1.50992	0.820313	0.867274	-1.15304	0.497886	0.650047	-1.53835	0.8459	1.12952	1.12952	0.142829	2.67988	2.67988	0.00318713	12.4364	12.4364	0.462047	1.59778	1.59778	2.3996	14.8885	5.51521	1
cg26543243	RAB11FIP3;RAB11FIP3	0.116026	0.872063	1.09427	1.09427	0.0344204	3.97118	3.97118	0.756563	1.18984	1.18984	0.459758	1.52308	1.52308	0.0148774	0.187418	-5.33568	0.39545	0.614788	-1.62658	0.327347	1.7598	1.7598	0.351784	1.70855	1.70855	0.953928	1.03282	1.03282	2.39957	11.8748	4.39885	1
cg04787317	CTDSPL;CTDSPL;MIR26A1	0.116026	0.0204644	0.276278	-3.61954	0.226634	1.79445	1.79445	0.217571	1.8175	1.8175	0.916321	1.0496	1.0496	0.0400035	0.335129	-2.98393	0.615307	1.26285	1.26285	0.731361	0.853227	-1.17202	0.389593	1.50092	1.50092	0.429623	0.689802	-1.44969	2.39957	8.06207	2.98649	1
cg02052536	LAMB1	0.116027	0.212033	0.449068	-2.22683	0.00604901	0.112643	-8.87757	0.0383714	0.231941	-4.31144	0.580823	0.712019	-1.40446	0.727825	0.808339	-1.2371	0.37056	0.57123	-1.75061	0.0901744	0.320693	-3.11825	0.308637	0.526396	-1.89971	0.940775	1.04629	1.04629	2.39956	14.0946	5.22118	1
cg12688965	ZC3H3	0.116028	0.726855	0.767016	-1.30375	0.0156757	0.106418	-9.39689	0.0502976	0.184941	-5.40714	0.711505	1.32441	1.32441	0.282401	0.429617	-2.32766	0.109277	0.26693	-3.74631	0.179379	0.340035	-2.94087	0.0524266	0.188577	-5.30288	0.711371	1.3246	1.3246	2.39955	21.7409	8.05371	1
cg08193363	FRY	0.116029	0.320859	0.885707	-1.12904	0.558639	1.0725	1.0725	0.815226	1.02809	1.02809	0.488931	1.08675	1.08675	0.497913	0.921803	-1.08483	0.020258	0.718032	-1.3927	0.0289553	0.737348	-1.35621	0.293392	1.13766	1.13766	0.362898	1.11701	1.11701	2.39954	0.532139	0.197126	1
cg23786077	SH3PXD2B	0.116031	0.330838	1.26324	1.26324	0.118752	0.674106	-1.48345	0.557086	0.870836	-1.14832	0.74189	1.08001	1.08001	0.031704	0.556276	-1.79767	0.0440374	0.583398	-1.7141	0.580894	1.13867	1.13867	0.280137	1.29883	1.29883	0.145761	0.695078	-1.43869	2.39953	2.0612	0.763557	1
cg00058923	KLHDC9;KLHDC9;KLHDC9	0.116033	0.900359	1.07774	1.07774	0.0165102	5.75791	5.75791	0.0159573	5.8331	5.8331	0.666023	1.29632	1.29632	0.342047	0.55705	-1.79517	0.622042	1.34578	1.34578	0.549881	0.696571	-1.4356	0.6618	1.30092	1.30092	0.50498	0.667432	-1.49828	2.39951	13.575	5.02882	1
cg26692818	CLCA3P	0.116033	0.702969	0.895118	-1.11717	0.58645	1.17217	1.17217	0.69648	1.12005	1.12005	0.389453	0.77487	-1.29054	0.0305835	0.4796	-2.08507	0.00625012	0.356804	-2.80266	0.402195	0.780399	-1.2814	0.908371	1.03386	1.03386	0.653523	0.877506	-1.13959	2.39951	3.17855	1.17748	1
cg20065022	SLC39A7;SLC39A7;RXRB	0.116034	0.156442	1.81594	1.81594	0.444733	1.35572	1.35572	0.551234	0.790384	-1.26521	0.396909	1.40368	1.40368	0.0215448	0.330543	-3.02532	0.106422	2.00597	2.00597	?	?	?	0.186247	1.73452	1.73452	0.51462	1.29424	1.29424	2.56439	5.36127	1.82933	1
ch.2.11377294	LOC440839	0.116034	0.0575687	0.248597	-4.02257	0.0240846	0.174868	-5.71859	0.0460352	0.227203	-4.40135	0.110167	0.323521	-3.09098	0.250437	0.459139	-2.17799	0.0676041	0.265236	-3.77023	0.0516816	0.238031	-4.20113	0.141596	0.358997	-2.78554	0.348516	0.534958	-1.8693	2.39949	15.965	5.91422	1
cg12959048	RELT;RELT	0.116035	0.617695	1.13102	1.13102	0.0732607	0.613398	-1.63026	0.0570381	0.590455	-1.69361	0.263825	0.752015	-1.32976	0.360719	1.25848	1.25848	0.76801	1.07506	1.07506	0.0884601	1.58388	1.58388	0.0892988	1.58159	1.58159	0.907452	1.02886	1.02886	2.39949	2.27515	0.842826	1
cg11812810	TTC9	0.116035	0.275058	0.224548	-4.4534	?	?	?	0.0950456	11.4008	11.4008	0.547121	2.22111	2.22111	0.424382	0.342995	-2.91549	?	?	?	?	?	?	0.107379	0.0973971	-10.2672	0.054804	0.0547766	-18.256	2.62803	46.4291	20.6114	1
cg14239635	RWDD1;RWDD1;RWDD1	0.116036	0.192762	0.751229	-1.33115	0.130404	1.40351	1.40351	0.554551	1.13206	1.13206	0.923474	1.02014	1.02014	0.159251	0.731864	-1.36637	0.183345	0.746061	-1.34037	0.0364129	1.65646	1.65646	0.791496	1.05652	1.05652	0.0914533	1.47062	1.47062	2.39948	1.63642	0.606213	1
cg00924727	IPO8	0.116037	0.0295874	0.731913	-1.36628	0.193033	1.18275	1.18275	0.179251	1.18985	1.18985	0.750715	0.961909	-1.0396	0.200663	0.848159	-1.17902	0.31746	1.13418	1.13418	0.208393	0.850785	-1.17538	0.261763	0.867112	-1.15325	0.122755	0.815668	-1.22599	2.39947	0.564171	0.208998	1
cg12761788	P11	0.116037	0.0178497	0.334336	-2.991	0.203681	0.600203	-1.6661	0.824016	1.08844	1.08844	0.198571	1.67692	1.67692	0.10661	0.511507	-1.95501	0.633948	0.833159	-1.20025	0.606886	1.21833	1.21833	0.692702	0.859732	-1.16315	0.045243	0.417254	-2.39662	2.39947	5.50195	2.03821	1
cg15760709	MAD1L1;MAD1L1;MAD1L1	0.116037	0.0517751	0.0711367	-14.0574	0.0431061	0.0620989	-16.1033	0.067337	0.0864611	-11.5659	0.569649	0.50349	-1.98614	0.01661	0.0304066	-32.8876	0.0636879	0.0829535	-12.055	0.433707	0.385215	-2.59595	0.435661	0.386842	-2.58504	0.172384	0.176507	-5.66551	2.39947	54.1917	20.0754	1
cg19397801	PIP4K2A	0.116039	0.0511125	0.26934	-3.71279	0.673816	0.778804	-1.28402	0.466617	0.645671	-1.54878	0.929339	0.948973	-1.05377	0.00588994	0.119087	-8.39721	0.448499	0.633737	-1.57794	0.707769	1.24903	1.24903	0.658545	1.30035	1.30035	0.116798	0.365602	-2.73522	2.39945	13.2518	4.9092	1
cg15559086	MYO7A;MYO7A;MYO7A	0.116039	0.832351	1.054	1.054	0.0358499	1.83273	1.83273	0.0315918	1.86889	1.86889	0.227417	1.3694	1.3694	0.323755	0.776584	-1.28769	0.734979	1.08795	1.08795	0.0392553	1.80724	1.80724	0.739189	1.08643	1.08643	0.438773	0.822069	-1.21644	2.39945	2.33918	0.86656	1
cg09556823	ZNF226;ZNF226;ZNF226;ZNF226;ZNF226	0.116041	0.259252	0.408846	-2.44591	0.00855968	0.0781626	-12.7938	0.0371634	0.159045	-6.28754	0.606896	1.48348	1.48348	0.174049	0.333229	-3.00094	0.168058	0.327451	-3.05389	0.184349	0.342985	-2.91558	0.450525	0.557517	-1.79367	0.967488	1.03146	1.03146	2.39944	21.9461	8.13009	1
cg26787435	SAMD14	0.116041	0.0661189	2.39065	2.39065	0.631703	1.22235	1.22235	0.50065	1.32911	1.32911	?	?	?	0.531903	0.7684	-1.30141	?	?	?	0.185309	0.555105	-1.80146	0.206438	0.572392	-1.74705	0.0370358	0.357149	-2.79995	2.59238	5.39064	2.07942	1
cg22168489	WDR66	0.116043	0.0504344	0.31068	-3.21875	0.184876	2.09019	2.09019	0.174229	2.13357	2.13357	0.31283	0.578483	-1.72866	0.0580419	0.325224	-3.07481	0.728031	1.20085	1.20085	0.586541	0.74983	-1.33364	0.55769	1.3646	1.3646	0.0825974	0.364971	-2.73994	2.39941	10.4456	3.86967	1
cg14992253	EIF3I;C1orf91	0.116045	0.06103	1.35915	1.35915	0.909797	0.983662	-1.01661	0.584435	0.922863	-1.08358	0.0787068	1.32819	1.32819	0.126417	1.27165	1.27165	0.0221159	1.49006	1.49006	0.251318	0.840129	-1.19029	0.679662	0.941435	-1.06221	0.563595	1.08857	1.08857	2.3994	0.80278	0.2974	1
cg18052665	DPPA5	0.116046	0.181575	1.67234	1.67234	0.169548	0.588253	-1.69995	0.439009	0.75111	-1.33136	0.494273	0.777488	-1.28619	0.0623057	0.467258	-2.14014	0.328653	1.44135	1.44135	0.0967312	1.93699	1.93699	0.0861029	0.50275	-1.98906	0.23984	0.640009	-1.56248	2.39939	4.99641	1.85099	1
cg09690989	C1QTNF1;C1QTNF1;C1QTNF1	0.116046	0.812327	0.907377	-1.10208	0.260336	0.618918	-1.61572	0.0129997	0.283797	-3.52364	0.276265	1.58852	1.58852	0.26942	0.625004	-1.59999	0.237375	1.65839	1.65839	0.266393	0.622989	-1.60517	0.1795	1.79075	1.79075	0.671534	1.19042	1.19042	2.39939	6.34606	2.35099	1
cg01611428	TPPP	0.116046	0.91748	0.977335	-1.02319	0.408603	0.829469	-1.20559	0.70613	0.919619	-1.08741	0.535336	0.870344	-1.14897	0.933614	0.981739	-1.0186	0.127018	1.44064	1.44064	0.00859952	2.09869	2.09869	0.144281	0.706836	-1.41475	0.448797	0.843032	-1.1862	2.39938	1.8596	0.688916	1
cg13828397	SORL1	0.116047	0.544989	1.27846	1.27846	0.00875444	3.81553	3.81553	0.0133202	3.41992	3.41992	0.620667	1.22146	1.22146	0.591709	1.24249	1.24249	0.411364	1.40051	1.40051	0.206691	1.70581	1.70581	0.800491	1.10688	1.10688	0.803671	0.904943	-1.10504	2.39937	6.11049	2.26373	1
cg08015801	HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE	0.116048	0.0899461	0.236196	-4.23377	0.26564	0.40835	-2.44888	0.109886	0.260399	-3.84026	0.102375	0.251543	-3.97546	0.133028	0.286111	-3.49515	0.233142	2.62543	2.62543	0.342996	0.470347	-2.12609	0.439447	0.543997	-1.83825	0.0752031	4.6165	4.6165	2.39937	22.6535	8.39242	1
cg26393837	PCSK7	0.116051	0.868955	1.14249	1.14249	0.208629	2.91343	2.91343	0.491024	1.75826	1.75826	0.641719	1.45941	1.45941	0.06666	0.190345	-5.25361	0.0283115	0.123856	-8.07387	0.0523028	0.168544	-5.93317	0.995147	0.995105	-1.00492	0.224612	0.357345	-2.79841	2.39934	24.7316	9.16236	1
cg16370701	KLC4;KLC4;KLC4;KLC4	0.116052	0.682256	0.845529	-1.18269	0.540449	0.776766	-1.28739	0.16741	0.548872	-1.82192	0.331735	1.50412	1.50412	0.0259364	0.34037	-2.93798	0.0211565	0.323061	-3.09539	0.0654635	0.430491	-2.32293	0.81411	0.908451	-1.10077	0.218798	0.590241	-1.69422	2.39933	6.31438	2.33931	1
cg16197684	BAT4	0.116058	0.0098888	0.330418	-3.02647	0.922875	0.967636	-1.03345	0.755017	1.1122	1.1122	0.382291	1.35583	1.35583	0.412366	1.32943	1.32943	0.0605879	0.487327	-2.05201	0.796053	1.09199	1.09199	0.542674	0.811103	-1.23289	0.126093	0.569893	-1.75472	2.39928	4.3862	1.625	1
cg07165167	CYR61;DDAH1	0.116059	0.137911	0.483534	-2.06811	0.0755244	0.406613	-2.45934	0.0792358	0.412195	-2.42604	0.412323	0.683007	-1.46411	0.123278	0.467965	-2.13691	0.408647	1.46872	1.46872	0.0245897	0.295901	-3.37951	0.0497363	0.361283	-2.76791	0.249691	0.578578	-1.72838	2.39926	7.86126	2.91247	1
cg18065174	SIRT6	0.116061	0.588489	0.57675	-1.73385	0.0200452	0.0591878	-16.8954	0.2047	0.259669	-3.85105	0.975923	0.970051	-1.03087	0.0179796	0.0552205	-18.1092	0.345266	0.375543	-2.66281	0.0497845	0.104917	-9.53131	0.16875	0.228223	-4.38167	0.130481	0.192927	-5.1833	2.39925	38.5727	14.2907	1
cg08616760	ZNF354A	0.116062	0.143668	0.782189	-1.27846	0.811643	0.963361	-1.03803	0.622652	0.925379	-1.08064	0.143659	0.782184	-1.27847	0.0560779	0.712965	-1.40259	0.656628	0.932431	-1.07247	0.100947	1.32429	1.32429	0.0652178	1.38215	1.38215	0.251921	0.829332	-1.20579	2.39924	0.928939	0.34416	1
cg14273083	TP53I3;TP53I3	0.116069	0.0376961	0.209213	-4.77981	0.0451316	0.224966	-4.44512	0.187713	0.404115	-2.47454	0.200689	0.415973	-2.404	0.0327723	0.197711	-5.05789	0.441061	0.600578	-1.66506	0.347712	1.87288	1.87288	0.967902	1.02646	1.02646	0.120553	0.335293	-2.98247	2.39917	16.004	5.92945	1
cg14439102	GNAQ	0.11607	0.030524	0.132593	-7.54188	0.986429	0.986572	-1.01361	0.180553	0.32298	-3.09616	0.331552	0.451004	-2.21728	0.00921916	0.0722766	-13.8357	0.959297	0.960246	-1.0414	0.088578	0.224641	-4.45154	0.943934	1.0575	1.0575	0.244662	0.380082	-2.63101	2.39916	24.0057	8.89412	1
cg06945634	RBPMS;RBPMS;RBPMS	0.116071	0.123652	0.2904	-3.44352	0.399507	0.52754	-1.89559	0.539793	0.631111	-1.58451	0.482372	0.588945	-1.69795	0.0501511	0.190921	-5.23778	0.119377	0.285605	-3.50134	0.0111808	0.0946486	-10.5654	0.0327488	0.156871	-6.37465	0.196931	0.363661	-2.74981	2.39916	20.8915	7.74028	1
cg24337359	FAT1	0.116079	0.0275443	1.80516	1.80516	0.0365818	0.576637	-1.73419	0.230908	0.752148	-1.32953	0.725927	1.08303	1.08303	0.307864	1.27025	1.27025	0.936309	1.01828	1.01828	0.123096	1.46022	1.46022	0.729807	0.92443	-1.08175	0.972753	1.00777	1.00777	2.39909	1.95164	0.723105	1
cg07966851	RP5-1022P6.2;RP5-1022P6.2	0.116079	0.434324	0.869639	-1.1499	0.454436	0.875104	-1.14272	0.979617	0.995537	-1.00448	0.97922	0.99545	-1.00457	0.932823	1.01487	1.01487	0.990505	0.997919	-1.00209	0.00298226	0.489998	-2.04082	0.426736	1.15268	1.15268	0.427218	1.1525	1.1525	2.39908	1.16485	0.43159	1
cg10502150	ODF4	0.11608	0.0631212	0.438884	-2.27851	0.0924851	0.482164	-2.07398	0.13525	0.530284	-1.88578	0.444492	1.35949	1.35949	0.00827568	0.264413	-3.78196	0.267613	0.634465	-1.57613	0.85658	0.931206	-1.07388	0.40218	0.713346	-1.40184	0.702206	0.859546	-1.1634	2.39907	5.89766	2.18516	1
cg24994111	SUMO2;SUMO2	0.116081	0.474569	1.19409	1.19409	0.0513764	1.71784	1.71784	0.442319	1.21056	1.21056	0.425136	1.21977	1.21977	0.0973515	1.55856	1.55856	0.131373	1.4878	1.4878	0.0314882	0.540471	-1.85024	0.203251	1.38763	1.38763	0.974593	1.0078	1.0078	2.39906	2.26068	0.837616	1
cg02197277	ANKS4B	0.116082	0.201695	0.386829	-2.58512	0.0764191	4.00928	4.00928	0.365173	1.92608	1.92608	0.323204	0.487319	-2.05204	0.0442209	0.196267	-5.0951	0.197271	0.382807	-2.61229	0.210865	0.395056	-2.53129	0.0783107	0.252121	-3.96636	0.358704	0.514337	-1.94425	2.39906	18.8568	6.98677	1
cg01836137	INF2;INF2;INF2	0.116083	0.38113	1.42756	1.42756	0.632903	0.82639	-1.21008	0.970976	0.985686	-1.01452	0.441742	1.36456	1.36456	0.789225	0.899272	-1.11201	0.329639	1.48982	1.48982	0.00677387	4.01761	4.01761	0.025774	2.8554	2.8554	0.714207	1.1569	1.1569	2.39905	5.96624	2.2106	1
cg16904636	RADIL	0.116084	0.0210714	0.29129	-3.433	0.652836	0.817663	-1.223	0.963555	0.979891	-1.02052	0.870148	0.929848	-1.07544	0.00810853	0.221556	-4.51353	0.421214	0.693991	-1.44094	0.216039	0.56056	-1.78393	0.930264	0.961835	-1.03968	0.120107	0.472547	-2.11619	2.39903	7.5097	2.78249	1
cg23842158	HDAC4	0.116085	?	?	?	0.0398701	1.71603	1.71603	0.0680967	1.58726	1.58726	0.791298	0.942762	-1.06071	0.0585744	0.616382	-1.62237	0.856013	0.960445	-1.04118	0.671771	1.09941	1.09941	0.692304	0.915364	-1.09246	0.233605	0.756191	-1.32242	2.56385	1.74395	0.595184	1
cg12443227	ATCAY	0.116089	0.0101214	0.648197	-1.54274	0.300986	0.866562	-1.15398	0.499762	1.09587	1.09587	0.685229	0.946998	-1.05597	0.0772939	0.769152	-1.30013	0.687264	0.947354	-1.05557	0.105132	0.789279	-1.26698	0.755912	0.959185	-1.04255	0.047946	0.739212	-1.35279	2.39899	0.67855	0.251421	1
cg10169971	RWDD2A;PGM3	0.116095	0.991899	1.00162	1.00162	0.393211	1.15002	1.15002	0.52654	1.108	1.108	0.904991	1.01927	1.01927	0.0297697	0.664478	-1.50494	0.85174	0.970541	-1.03035	0.0115077	0.60341	-1.65725	0.194228	0.802923	-1.24545	0.70611	1.06241	1.06241	2.39893	0.970439	0.359581	1
cg16496928	CENPH	0.116097	0.308413	0.813473	-1.2293	0.4128	0.848772	-1.17817	0.183051	0.758316	-1.31871	0.0243563	0.591294	-1.69121	0.205591	1.29887	1.29887	0.295472	0.8086	-1.23671	0.0460973	0.639187	-1.56449	0.0442339	0.635988	-1.57236	0.517712	0.879478	-1.13704	2.39891	1.45692	0.539846	1
cg00503539	CCDC130	0.116098	0.091337	1.83259	1.83259	0.144624	1.66601	1.66601	0.25948	1.46699	1.46699	0.385821	1.33592	1.33592	0.337421	0.724575	-1.38012	0.34304	1.37467	1.37467	0.25038	0.676191	-1.47887	0.0321012	0.44138	-2.26562	0.356511	1.36198	1.36198	2.39891	4.03194	1.49399	1
cg15932980	STX2;STX2	0.116098	0.074657	0.437026	-2.28819	0.040494	0.372951	-2.68132	0.0932195	0.463118	-2.15928	0.552621	0.778467	-1.28458	0.015826	0.291639	-3.42889	0.274195	0.622318	-1.60689	0.0564215	0.406392	-2.46068	0.116527	0.491188	-2.03588	0.638995	0.821222	-1.2177	2.39891	6.60231	2.44641	1
cg01793865	CCHCR1;CCHCR1;CCHCR1	0.116099	0.122693	0.518441	-1.92886	0.272264	0.638369	-1.56649	0.483009	0.755772	-1.32315	0.44038	0.734144	-1.36213	0.0223831	0.341379	-2.9293	0.0154113	0.311088	-3.21452	0.144146	0.539957	-1.852	0.688102	1.17175	1.17175	0.0866861	0.475584	-2.10268	2.3989	5.8612	2.17181	1
cg21464091	PCNA;PCNA	0.116099	0.809234	1.0616	1.0616	0.145905	1.47086	1.47086	0.156565	1.45431	1.45431	0.0629479	1.67706	1.67706	0.381488	1.24838	1.24838	0.0260221	0.520524	-1.92114	0.194622	1.4037	1.4037	0.876049	0.962156	-1.03933	0.533344	0.855621	-1.16874	2.3989	2.32081	0.859953	1
cg07639650	WNT2B;WNT2B	0.116102	0.126678	1.22499	1.22499	0.708373	1.04723	1.04723	0.270404	1.15138	1.15138	0.301565	1.14051	1.14051	0.4523	1.09862	1.09862	0.136233	1.21799	1.21799	0.0141158	0.689303	-1.45074	0.523072	1.08275	1.08275	0.191042	1.18537	1.18537	2.39887	0.573226	0.212406	1
cg09205065	YTHDC1;YTHDC1	0.116103	0.178641	0.819691	-1.21997	0.0398161	1.39192	1.39192	0.0245719	1.4515	1.4515	0.882279	1.02083	1.02083	0.718323	0.950847	-1.05169	0.525793	0.914429	-1.09358	0.536175	0.916526	-1.09108	0.146133	0.804856	-1.24246	0.908959	0.984209	-1.01604	2.39886	0.735604	0.272575	1
cg04339290	SF3A3;SF3A3	0.116105	0.704746	0.8046	-1.24285	0.851906	0.898991	-1.11236	0.530009	1.44094	1.44094	0.0182882	0.154511	-6.47204	0.2438	0.488966	-2.04513	0.376195	1.69204	1.69204	?	?	?	?	?	?	0.116856	2.78888	2.78888	3.09236	11.3323	2.61757	1
cg15991546	DPYD;DPYD	0.116107	0.37685	0.77965	-1.28263	0.65181	1.13279	1.13279	0.973584	0.990952	-1.00913	0.552628	1.17927	1.17927	0.169094	0.668891	-1.49501	0.090545	0.599369	-1.66842	0.0329614	1.98294	1.98294	0.254556	1.38616	1.38616	0.0748322	1.72398	1.72398	2.39883	2.86235	1.06065	1
cg17998333	TIAL1;TIAL1	0.116107	0.380114	1.0977	1.0977	0.048021	1.26365	1.26365	0.0497248	1.26082	1.26082	0.161768	1.16729	1.16729	0.357559	1.10292	1.10292	0.762675	1.03185	1.03185	0.150231	0.852421	-1.17313	0.153747	0.853748	-1.17131	0.223646	1.14153	1.14153	2.39882	0.40725	0.150907	1
ch.8.2842146R	DENND3	0.11611	0.625691	0.784553	-1.27461	0.0676141	0.364012	-2.74716	0.00335147	0.13943	-7.17206	0.775989	0.868655	-1.1512	0.566591	0.751326	-1.33098	0.665086	1.23983	1.23983	0.506365	0.71693	-1.39484	0.267692	0.565592	-1.76806	0.745637	0.851585	-1.17428	2.3988	9.25513	3.42955	1
cg15577180	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.116116	0.219701	1.46843	1.46843	0.0450715	1.98286	1.98286	0.332496	1.34664	1.34664	0.597919	1.17168	1.17168	0.0294538	0.466098	-2.14547	0.0760674	1.79974	1.79974	0.580931	1.18055	1.18055	0.25282	1.42698	1.42698	0.466898	1.24656	1.24656	2.39874	3.36674	1.2476	1
cg11490751	GPR124	0.116118	0.720851	1.05023	1.05023	0.0162498	1.49395	1.49395	0.305604	1.1559	1.1559	0.582479	1.07878	1.07878	0.674007	1.05949	1.05949	0.0927406	0.776742	-1.28743	0.846322	1.02686	1.02686	0.288376	1.16246	1.16246	0.0339876	1.40218	1.40218	2.39873	0.708667	0.262608	1
cg22298206	SMAD6;SMAD6	0.116118	0.06946	0.588071	-1.70048	0.0699375	1.69858	1.69858	0.130988	0.652905	-1.53162	0.691661	0.901028	-1.10984	0.618238	0.87691	-1.14037	0.0303743	0.514077	-1.94523	0.148276	0.666692	-1.49994	0.602247	0.871559	-1.14737	0.617542	1.14067	1.14067	2.39872	2.59671	0.962257	1
cg10935138	WBP2	0.116119	0.180628	0.774154	-1.29173	0.445565	1.1503	1.1503	0.937559	1.01421	1.01421	0.0143354	0.580615	-1.72231	0.209536	1.2689	1.2689	0.686257	1.07586	1.07586	0.119304	1.3558	1.3558	0.697278	1.07293	1.07293	0.214075	1.26561	1.26561	2.39871	1.23182	0.456473	1
cg27038101	CTRL	0.116119	0.81754	1.07601	1.07601	0.0587863	1.96736	1.96736	0.775816	1.09474	1.09474	0.0445099	2.07812	2.07812	0.0772731	0.536499	-1.86394	0.581948	0.838387	-1.19277	0.198278	0.649836	-1.53885	0.140378	1.65341	1.65341	0.837306	0.936896	-1.06735	2.39871	3.81817	1.4149	1
cg11767392	LRTOMT;C11orf59;LRTOMT;LRTOMT	0.116121	0.285041	0.923331	-1.08303	0.231315	1.09438	1.09438	0.562385	0.958799	-1.04297	0.0660633	1.15965	1.15965	0.153803	1.11593	1.11593	0.147394	0.894336	-1.11815	0.300601	0.925843	-1.0801	0.258597	0.918813	-1.08836	0.0842963	1.14704	1.14704	2.3987	0.196033	0.0726444	1
cg16027311	KIAA0494	0.116127	0.0612628	0.447315	-2.23556	0.482744	0.76175	-1.31277	0.911819	1.04317	1.04317	0.481512	0.761147	-1.31381	0.00700165	0.264376	-3.78249	0.290529	0.658064	-1.51961	0.0369134	0.39671	-2.52074	0.475109	0.758005	-1.31925	0.233136	0.620693	-1.6111	2.39864	5.5285	2.04875	1
cg17400701	AGAP1;AGAP1	0.116127	0.133985	0.335644	-2.97935	0.552284	1.50104	1.50104	0.326753	0.504642	-1.9816	0.517732	0.642111	-1.55736	0.0221954	0.156924	-6.37251	0.23215	0.428934	-2.33136	0.148002	0.350521	-2.8529	0.809969	0.849819	-1.17672	0.0122603	0.121547	-8.22724	2.39864	17.3345	6.42384	1
cg13413744	SUGT1P1;NOL6;NOL6	0.116128	0.165388	0.684278	-1.46139	0.057543	1.73452	1.73452	0.0993012	1.58929	1.58929	0.499941	1.19194	1.19194	0.905997	0.970163	-1.03076	0.875694	1.04096	1.04096	0.0782668	0.605561	-1.65136	0.19184	0.701681	-1.42515	0.179356	1.44155	1.44155	2.39863	2.49774	0.925619	1
cg25613180	PDGFRB	0.116131	0.147355	0.592687	-1.68723	0.269759	1.47204	1.47204	0.664647	0.863515	-1.15806	0.313004	0.70391	-1.42064	0.121435	0.568402	-1.75932	0.148714	0.593874	-1.68386	0.0295031	0.422159	-2.36877	0.471978	1.27909	1.27909	0.038305	0.445906	-2.24262	2.3986	4.30002	1.59353	1
cg07607704	ZDHHC8	0.116133	0.0393069	0.450594	-2.21929	0.0128633	0.356057	-2.80854	0.0837108	0.527332	-1.89634	0.428865	0.763372	-1.30998	0.24147	0.663712	-1.50668	0.0960018	0.542722	-1.84256	0.0617284	0.494871	-2.02073	0.243665	0.665095	-1.50355	0.150642	0.597496	-1.67365	2.39859	4.24592	1.57349	1
cg03859846	RASA3	0.116134	0.444488	1.75887	1.75887	0.355469	0.502307	-1.99081	0.956524	1.04028	1.04028	0.179482	2.80901	2.80901	0.0948589	0.26456	-3.77987	0.695008	0.751692	-1.33033	0.0301308	6.34227	6.34227	0.0809703	4.06191	4.06191	0.149935	3.05905	3.05905	2.39857	19.9336	7.38721	1
cg06138226	SP6	0.116136	0.956166	0.96996	-1.03097	0.704714	0.80956	-1.23524	0.0177772	0.202062	-4.94898	0.594427	1.34742	1.34742	0.0876252	0.351261	-2.84688	0.0184217	0.204611	-4.88732	0.181717	0.455379	-2.19597	0.179478	0.453312	-2.20598	0.400777	0.620495	-1.61162	2.39856	11.6966	4.33466	1
cg19875535	IK	0.116137	0.458508	0.696255	-1.43625	0.0280883	0.288202	-3.46979	0.512937	0.727424	-1.37471	0.231574	1.82542	1.82542	0.407364	1.50154	1.50154	0.594236	1.29418	1.29418	0.0160041	0.243093	-4.11365	0.845085	0.910443	-1.09837	0.373242	0.645064	-1.55023	2.39855	8.73839	3.2384	1
cg11081453	ZNF185	0.116138	0.769173	1.22698	1.22698	0.657919	0.733621	-1.3631	0.399181	0.548829	-1.82206	0.133874	0.325048	-3.07647	0.00695267	0.0882639	-11.3297	0.562311	0.665498	-1.50263	0.0254555	0.157878	-6.334	0.91813	1.07409	1.07409	0.443342	0.580842	-1.72164	2.39854	18.3553	6.80239	1
cg24902750	TNRC18	0.116139	0.313871	0.726364	-1.37672	0.481527	1.24556	1.24556	0.335805	0.737395	-1.35612	0.0936795	1.76092	1.76092	0.0739036	0.542577	-1.84306	0.051439	0.506304	-1.9751	0.104266	0.57978	-1.72479	0.414398	1.29186	1.29186	0.254669	0.694157	-1.4406	2.39853	3.57881	1.3263	1
cg21187004	MED27	0.116141	0.956783	1.00861	1.00861	0.37383	1.15538	1.15538	0.381656	0.86766	-1.15253	0.948266	1.01032	1.01032	0.126427	0.769835	-1.29898	0.0334645	1.48155	1.48155	0.0278055	1.5089	1.5089	0.339448	0.855758	-1.16856	0.450454	1.12937	1.12937	2.39851	0.950818	0.352374	1
cg07291958	C2orf70	0.116141	0.846942	0.792097	-1.26247	0.117619	7.76586	7.76586	0.218034	4.7721	4.7721	0.231759	0.220311	-4.53904	0.195207	0.191586	-5.21958	0.464642	0.407548	-2.4537	0.311281	0.282672	-3.53767	0.0163522	34.4683	34.4683	0.913434	0.877083	-1.14014	2.39851	55.2586	20.4789	1
cg17241999	FNDC3B;FNDC3B	0.116147	0.277484	0.772487	-1.29452	0.292314	1.28366	1.28366	0.0541291	1.64805	1.64805	0.430681	1.20183	1.20183	0.0364359	0.573619	-1.74332	0.632473	1.11642	1.11642	0.350848	0.802944	-1.24542	0.197432	1.36535	1.36535	0.19713	1.36567	1.36567	2.39846	1.98444	0.73545	1
cg26188632	TRIM27	0.116149	0.671225	1.87272	1.87272	0.950768	0.913264	-1.09497	0.0188387	0.0152861	-65.4189	?	?	?	0.895709	0.82472	-1.21253	?	?	?	0.0651564	20.9572	20.9572	0.242391	6.03641	6.03641	0.464048	2.98941	2.98941	2.45176	65.2113	30.3974	1
cg07047347	C8orf37	0.116151	0.456613	0.723437	-1.38229	0.726427	1.16183	1.16183	0.965839	1.01846	1.01846	0.0174341	0.290564	-3.44158	0.0671239	0.416348	-2.40184	0.11153	0.477049	-2.09622	0.897313	1.05668	1.05668	0.169008	1.86964	1.86964	0.352544	1.50456	1.50456	2.39842	6.92632	2.567	1
cg01313497	OTX1	0.116152	0.27732	1.17804	1.17804	0.0821054	1.32227	1.32227	0.604169	1.0788	1.0788	0.844353	1.02892	1.02892	0.13401	1.2641	1.2641	0.0126028	1.5681	1.5681	0.608167	0.92775	-1.07788	0.377038	0.876818	-1.14049	0.0657437	1.34913	1.34913	2.39841	0.798886	0.29608	1
cg10934546	KRT6A	0.116154	0.282351	0.81938	-1.22043	0.929094	1.016	1.016	0.021482	0.611061	-1.6365	0.567685	0.902127	-1.10849	0.263426	0.812296	-1.23108	0.122388	1.34788	1.34788	0.0542564	1.47625	1.47625	0.810235	1.04383	1.04383	0.743792	1.06023	1.06023	2.39839	1.20784	0.447648	1
cg01885692	HIC2	0.116155	0.292935	0.719424	-1.39	0.19533	0.661406	-1.51193	0.00720915	0.351093	-2.84825	0.0532015	0.515322	-1.94053	0.278641	0.711774	-1.40494	0.0435127	0.496268	-2.01504	0.309672	0.728108	-1.37342	0.969215	0.98842	-1.01172	0.474771	0.803014	-1.24531	2.39838	3.46033	1.28247	1
cg25173010	TXNIP	0.116157	0.253409	0.614959	-1.62612	0.0315683	2.79434	2.79434	0.0899521	2.14221	2.14221	0.776469	0.890448	-1.12303	0.856392	0.928821	-1.07663	0.379508	0.692478	-1.44409	0.0359059	0.369758	-2.70447	0.800003	1.10902	1.10902	0.825845	0.914091	-1.09398	2.39837	6.3112	2.33907	1
cg00746308	C21orf125	0.116157	0.887855	0.952408	-1.04997	0.0981826	0.534266	-1.87173	0.0613122	0.482576	-2.07221	0.900028	0.957496	-1.04439	0.0302211	0.414525	-2.4124	0.0975541	0.533519	-1.87435	0.470513	0.775922	-1.28879	0.182972	1.6296	1.6296	0.372851	1.37185	1.37185	2.39836	4.53648	1.68133	1
cg03951662	CPD	0.11616	0.127382	0.477527	-2.09412	0.229966	0.568525	-1.75894	0.284352	1.64647	1.64647	0.935459	1.03698	1.03698	0.173025	0.521998	-1.91572	0.70448	0.842952	-1.18631	0.0111927	0.240455	-4.15879	0.182833	1.88471	1.88471	0.676646	0.82858	-1.20688	2.39834	7.63555	2.82994	1
cg06512858	SOX4;SOX4	0.116161	0.247114	1.77741	1.77741	0.17342	0.502377	-1.99054	0.822853	1.11245	1.11245	0.323703	1.62323	1.62323	0.430599	1.46572	1.46572	0.633378	1.25656	1.25656	0.00631479	0.184464	-5.42112	0.623683	0.790552	-1.26494	0.993773	0.996298	-1.00372	2.39833	8.57981	3.17992	1
cg06160682	KCND3;KCND3	0.116161	0.892795	1.09366	1.09366	0.404451	1.76195	1.76195	0.601109	1.41943	1.41943	0.475217	0.617471	-1.61951	0.303365	0.492697	-2.02964	0.332745	0.515073	-1.94147	0.00513877	0.0859434	-11.6356	0.941087	0.952109	-1.0503	0.0870723	0.285201	-3.5063	2.39833	16.7465	6.20672	1
cg00135888	MIR130A	0.116163	0.0238795	0.491275	-2.03552	0.0775927	1.67733	1.67733	0.274135	1.34991	1.34991	0.722015	1.09877	1.09877	0.854123	1.04972	1.04972	0.452081	1.22384	1.22384	0.103223	0.625045	-1.59989	0.331914	1.30204	1.30204	0.353074	0.777291	-1.28652	2.3983	2.6406	0.97869	1
cg26297462	PTCH2;PTCH2	0.116167	0.0872328	0.517742	-1.93146	0.671837	0.86196	-1.16015	0.0325116	0.417927	-2.39277	0.141398	0.576192	-1.73553	0.0173582	0.364228	-2.74553	0.231782	0.645833	-1.54839	0.627356	1.18595	1.18595	0.675076	1.15832	1.15832	0.16063	0.593061	-1.68617	2.39827	4.61614	1.71091	1
cg20410173	PFKL;PFKL	0.116167	0.952189	0.972848	-1.02791	0.777842	0.878224	-1.13866	0.672341	0.82259	-1.21567	0.435954	1.44034	1.44034	0.00262647	0.147785	-6.76658	0.883835	1.06942	1.06942	0.94328	0.967862	-1.03321	0.763124	1.14885	1.14885	0.51952	1.34952	1.34952	2.39827	8.00536	2.96708	1
cg14090510	ZNF92;ZNF92	0.116167	0.440442	1.15215	1.15215	0.727986	0.939075	-1.06488	0.97267	1.00619	1.00619	0.414822	0.860658	-1.1619	0.386439	0.852285	-1.17332	0.042988	0.657532	-1.52084	0.00574422	0.521128	-1.91892	0.698176	1.07267	1.07267	0.896202	0.976776	-1.02378	2.39827	1.23102	0.456262	1
cg21447871	TMEM200C	0.116171	0.605362	0.732462	-1.36526	0.388297	1.69578	1.69578	0.118119	0.36294	-2.75527	0.791503	0.85363	-1.17147	0.980217	0.985298	-1.01492	0.54374	1.44352	1.44352	0.613669	0.737806	-1.35537	0.00587457	8.61451	8.61451	0.29702	1.90753	1.90753	2.39824	13.5518	5.02287	1
cg04132917	RORA	0.116174	0.51307	1.21565	1.21565	0.485256	1.23216	1.23216	0.461201	1.24713	1.24713	0.211849	1.47282	1.47282	0.0162021	2.37691	2.37691	0.23494	1.44266	1.44266	0.0889751	1.73714	1.73714	0.0457556	1.96246	1.96246	0.0199468	2.28635	2.28635	2.39821	3.29176	1.22008	1
cg10582808	LPPR4;LPPR4	0.116175	0.666725	1.1955	1.1955	0.0341472	0.361004	-2.77005	0.108641	0.48615	-2.05698	0.187913	1.77734	1.77734	0.0590857	0.415428	-2.40715	0.0481712	0.394268	-2.53635	0.385117	0.692813	-1.44339	0.719423	0.861847	-1.1603	0.380515	0.69022	-1.44881	2.3982	6.45204	2.39144	1
cg16880779	TSNARE1	0.116176	0.866967	0.916254	-1.0914	0.4811	0.688256	-1.45295	0.107085	0.39945	-2.50344	0.492441	1.43863	1.43863	0.0181884	0.224048	-4.46333	0.123633	2.38688	2.38688	0.0515936	0.314799	-3.17663	0.772192	0.859472	-1.1635	0.667595	0.79821	-1.2528	2.39819	10.3367	3.83131	1
cg08942720	KIF21A	0.116178	0.959414	1.00891	1.00891	0.113007	1.35077	1.35077	0.396316	1.16348	1.16348	0.394436	0.85895	-1.16421	0.226581	0.801465	-1.24771	0.4549	1.14188	1.14188	0.0238759	0.625061	-1.59984	0.412935	1.15709	1.15709	0.0826721	1.39797	1.39797	2.39817	1.15407	0.427761	1
cg12065376	DCBLD1	0.116179	0.147589	0.626736	-1.59557	0.977162	1.00865	1.00865	0.483336	0.807171	-1.23889	0.231678	0.685757	-1.45824	0.00955275	0.372707	-2.68307	0.0175404	0.419284	-2.38502	0.217226	0.676786	-1.47757	0.202556	0.66727	-1.49864	0.609174	0.856364	-1.16773	2.39816	3.43459	1.27304	1
cg10950524	MAD1L1;MAD1L1;MAD1L1	0.116179	0.0757955	2.23032	2.23032	0.449612	0.731456	-1.36714	0.803326	0.903676	-1.10659	0.507392	1.31388	1.31388	0.128916	1.9465	1.9465	0.489909	1.32934	1.32934	0.00647486	4.20704	4.20704	0.164662	1.82527	1.82527	0.421737	1.39532	1.39532	2.39816	6.25749	2.31937	1
cg23612557	KREMEN2;KREMEN2;KREMEN2;KREMEN2;N2	0.116182	0.380176	0.894679	-1.11772	0.918303	1.01276	1.01276	0.0822059	1.26876	1.26876	0.686491	1.05144	1.05144	0.917645	0.987295	-1.01287	0.0120289	0.678942	-1.47288	0.0706117	0.77897	-1.28375	0.616002	1.06451	1.06451	0.794449	0.968236	-1.03281	2.39813	0.580496	0.215166	1
cg07128326	ADAP1	0.116185	0.0132937	0.47865	-2.08921	0.583861	0.87559	-1.14209	0.689172	1.10138	1.10138	0.428581	1.21422	1.21422	0.149826	0.69016	-1.44894	0.214813	1.36838	1.36838	0.0914096	1.56278	1.56278	0.692993	0.909098	-1.09999	0.697291	0.910388	-1.09843	2.39811	2.19092	0.812093	1
cg02119927	HK1;HK1;HK1;HK1;HK1	0.116186	0.466051	0.429147	-2.33021	0.922868	0.895436	-1.11677	0.020871	23.8289	23.8289	0.189375	4.88166	4.88166	0.28137	0.278922	-3.58524	0.162498	5.47682	5.47682	0.950622	0.931811	-1.07318	0.0565975	11.7183	11.7183	0.109238	7.32804	7.32804	2.3981	49.3969	18.3096	1
cg00098239	PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.116189	0.411284	0.883949	-1.13129	0.0942798	1.31007	1.31007	0.515869	1.10156	1.10156	0.449717	0.893067	-1.11974	0.0763426	1.33576	1.33576	0.844173	1.02932	1.02932	0.0473751	1.39526	1.39526	0.146203	1.25738	1.25738	0.0293422	1.45768	1.45768	2.39807	0.818765	0.303491	1
cg04339240	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.11619	0.599909	1.4366	1.4366	0.101003	3.41901	3.41901	0.00703277	10.8594	10.8594	0.284266	2.14125	2.14125	0.251355	2.27117	2.27117	0.254039	2.25976	2.25976	0.0558936	4.40389	4.40389	0.0534929	4.48686	4.48686	0.444024	1.70596	1.70596	2.39806	17.794	6.5957	1
ch.20.221631R	ANKRD5;ANKRD5	0.116191	0.00844364	0.25169	-3.97314	0.380353	0.691347	-1.44645	0.152881	0.533679	-1.87379	0.100327	0.477847	-2.09272	0.374573	0.688081	-1.45332	0.375572	0.688647	-1.45212	0.0196256	0.314598	-3.17866	0.228311	0.595311	-1.67979	0.315862	0.65352	-1.53017	2.39805	6.39043	2.36876	1
cg19963522	IPCEF1;IPCEF1	0.116192	0.0494432	0.294202	-3.39902	0.833531	0.891498	-1.12171	0.457841	0.661952	-1.51068	0.680293	0.79763	-1.25371	0.00492348	0.130962	-7.6358	0.553527	0.721035	-1.38689	0.203665	0.480867	-2.07958	0.992976	1.00482	1.00482	0.101886	0.376395	-2.65678	2.39804	11.3102	4.1924	1
cg19777550	PEX10;PEX10	0.116195	0.32672	0.738667	-1.35379	0.610345	0.857488	-1.1662	0.697897	1.12377	1.12377	0.0382632	0.487549	-2.05108	0.235676	0.6895	-1.45033	0.647064	0.871177	-1.14787	0.00463603	0.324083	-3.08563	0.599247	0.85331	-1.17191	0.888871	0.959036	-1.04271	2.39801	3.3991	1.25997	1
cg16567137	BEX5;BEX5;BEX5	0.116197	0.159942	0.277168	-3.60792	0.267556	0.372689	-2.6832	0.359083	0.446701	-2.23863	0.406921	2.06473	2.06473	0.814395	0.817938	-1.22259	0.13002	0.24719	-4.04546	0.785937	1.26193	1.26193	0.0111259	15.1782	15.1782	0.700024	1.39215	1.39215	2.398	27.7361	10.2812	1
cg24533864	PPM1F	0.116197	0.302591	0.743317	-1.34532	0.0781724	0.580664	-1.72217	0.329126	0.755964	-1.32282	0.935176	0.977658	-1.02285	0.0148449	0.434986	-2.29893	0.107813	1.62812	1.62812	0.824012	1.06382	1.06382	0.381883	0.779494	-1.28288	0.135989	0.640014	-1.56247	2.39799	2.93033	1.08622	1
cg15233611	SETD1B	0.1162	0.0196804	0.318322	-3.14148	0.36201	0.683411	-1.46325	0.420195	1.39736	1.39736	0.672473	0.841343	-1.18858	0.0624214	0.426544	-2.34443	0.834764	1.08857	1.08857	0.0451379	0.393036	-2.5443	0.0781264	0.451488	-2.2149	0.978433	1.01104	1.01104	2.39797	6.26867	2.3237	1
cg03325532	GPR173	0.116201	0.422485	1.43866	1.43866	0.269076	1.66687	1.66687	0.536464	1.32032	1.32032	0.635933	0.809218	-1.23576	0.00453271	0.186597	-5.35915	0.4015	1.46401	1.46401	0.404278	0.684663	-1.46057	0.966816	0.981702	-1.01864	0.777793	0.881977	-1.13382	2.39796	7.48397	2.7742	1
cg08297082	SIM2;SIM2	0.116201	0.286655	1.76226	1.76226	0.654626	1.25933	1.25933	0.32379	1.68515	1.68515	0.137897	2.26626	2.26626	0.0334547	3.56961	3.56961	0.117494	0.418684	-2.38843	0.0959822	0.392113	-2.55029	0.570998	0.745865	-1.34073	0.425327	0.659088	-1.51725	2.39796	9.95938	3.6918	1
cg09218130	PUS1;PUS1;PUS1	0.116203	0.26664	1.22332	1.22332	0.420461	0.866456	-1.15413	0.85159	0.967908	-1.03316	0.909306	0.980349	-1.02004	0.979761	1.00443	1.00443	0.648305	1.08326	1.08326	0.00307122	0.49365	-2.02573	0.939294	0.986823	-1.01335	0.445308	0.873273	-1.14512	2.39794	1.15194	0.427009	1
cg03585280	UGDH	0.116207	0.0278752	0.598813	-1.66997	0.920883	0.980587	-1.0198	0.547627	1.12758	1.12758	0.561777	0.890686	-1.12273	0.404818	0.845186	-1.18317	0.349548	0.826939	-1.20928	0.466999	0.864109	-1.15726	0.87172	1.0324	1.0324	0.00627449	0.495262	-2.01913	2.3979	1.47884	0.548198	1
cg12735852	SLC13A3;TP53RK	0.116208	0.211734	1.73804	1.73804	0.891321	0.944179	-1.05912	0.787301	0.892586	-1.12034	0.171499	1.84352	1.84352	0.101098	2.12633	2.12633	0.288546	1.58873	1.58873	0.0122863	3.70725	3.70725	0.0965926	2.15217	2.15217	0.0406007	2.70053	2.70053	2.39789	6.70466	2.48539	1
cg19694465	RNF207	0.11621	0.259333	1.77856	1.77856	0.0324307	3.40535	3.40535	0.0123212	4.59527	4.59527	0.186449	1.98444	1.98444	0.466185	1.43743	1.43743	0.130866	2.22156	2.22156	0.675619	1.22866	1.22866	0.0490608	3.00243	3.00243	0.118905	2.28919	2.28919	2.39788	9.09297	3.37075	1
cg18676488	BDP1	0.116211	0.0315184	0.444136	-2.25156	0.190109	0.639811	-1.56296	0.128024	0.588897	-1.69809	0.34184	0.729647	-1.37053	0.0185225	0.39888	-2.50702	0.403004	0.759256	-1.31708	0.517061	1.2354	1.2354	0.367216	0.74223	-1.34729	0.0462023	0.479471	-2.08563	2.39786	3.93319	1.45803	1
cg13358636	CNTNAP5	0.116212	0.547743	1.35241	1.35241	0.172124	0.486129	-2.05707	0.972143	1.01748	1.01748	?	?	?	0.400561	1.5327	1.5327	0.223314	1.887	1.887	?	?	?	0.0110613	4.86161	4.86161	0.52005	0.723534	-1.3821	2.45115	7.43642	3.46725	1
cg10714160	TBL1XR1	0.116214	0.136684	1.76246	1.76246	0.145928	1.73634	1.73634	0.26238	1.51144	1.51144	0.113677	1.83743	1.83743	0.0523188	0.458377	-2.18161	0.956378	1.01952	1.01952	0.131564	1.77781	1.77781	0.0895818	1.93778	1.93778	0.156002	1.70995	1.70995	2.39784	4.74463	1.75885	1
cg08489551	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.116214	0.216182	1.81902	1.81902	0.0934005	2.33568	2.33568	0.0696159	2.54176	2.54176	0.590041	1.28407	1.28407	0.225431	1.79541	1.79541	0.0931133	2.33776	2.33776	0.0125518	4.167	4.167	0.106124	2.25074	2.25074	0.0478269	2.82958	2.82958	2.39784	8.02514	2.97495	1
cg07688057	BCOR;BCOR;BCOR;BCOR	0.116214	0.111745	0.418501	-2.38948	0.996464	0.997774	-1.00223	0.869406	0.920578	-1.08627	0.898783	0.938005	-1.06609	0.0365984	0.294778	-3.39239	0.620517	0.778019	-1.28532	0.109281	2.40655	2.40655	0.22126	1.90912	1.90912	0.0635191	2.85555	2.85555	2.39784	9.60515	3.56066	1
cg01133856	GNAL;GNAL;GNAL	0.116217	0.87213	0.973042	-1.0277	0.55462	0.903575	-1.10672	0.523414	1.11596	1.11596	0.305658	1.19716	1.19716	0.382855	1.16396	1.16396	0.0198896	1.61104	1.61104	0.010143	1.73357	1.73357	0.803053	0.95849	-1.04331	0.264901	1.2179	1.2179	2.39781	1.09309	0.405216	1
cg15793417	SIPA1L3	0.116218	0.755855	1.04059	1.04059	0.186292	0.83633	-1.1957	0.976587	1.00375	1.00375	0.585806	1.07271	1.07271	0.197623	1.18972	1.18972	0.835774	1.02683	1.02683	0.00775723	1.54676	1.54676	0.789757	0.966486	-1.03468	0.134969	0.814194	-1.22821	2.3978	0.617933	0.229074	1
cg22678465	ARHGEF10	0.116219	0.201605	2.11016	2.11016	0.249688	1.94684	1.94684	0.244287	1.96317	1.96317	0.209694	2.07951	2.07951	0.308309	1.79309	1.79309	0.122019	2.52986	2.52986	0.00551487	7.53941	7.53941	0.0974935	2.73727	2.73727	0.0638155	3.17014	3.17014	2.39779	11.6459	4.31728	1
cg06286028	HPS6	0.116222	0.31042	1.25471	1.25471	0.402029	0.830757	-1.20372	0.079601	1.52291	1.52291	0.417044	0.83585	-1.19639	0.575809	1.12999	1.12999	0.85727	0.961827	-1.03969	0.00942588	0.490935	-2.03693	0.992966	1.00191	1.00191	0.301499	0.793399	-1.2604	2.39776	1.77488	0.657975	1
cg15539901	WDR67;WDR67	0.116223	0.0576524	1.44671	1.44671	0.757722	0.948161	-1.05467	0.177239	0.781362	-1.27982	0.444705	1.14344	1.14344	0.386179	1.16512	1.16512	0.598538	1.09571	1.09571	0.14973	1.30433	1.30433	0.0330383	0.651279	-1.53544	0.286564	0.826641	-1.20971	2.39776	1.12391	0.416654	1
cg24078554	ZNF697	0.116224	0.0539354	0.467432	-2.13935	0.348148	0.714813	-1.39897	0.580485	0.823635	-1.21413	0.58705	1.20998	1.20998	0.0267871	0.401759	-2.48905	0.898818	1.04521	1.04521	0.0203204	0.378221	-2.64396	0.876415	0.947345	-1.05558	0.103857	0.538946	-1.85547	2.39775	4.5877	1.70074	1
cg27050550	DDX56;DDX56	0.116226	0.136013	0.378131	-2.64459	0.532888	1.46574	1.46574	0.958672	0.969116	-1.03187	0.00658484	0.118125	-8.46563	0.637493	0.750265	-1.33286	0.304379	1.90393	1.90393	0.129798	0.371316	-2.69312	0.730217	1.23313	1.23313	0.811846	1.1553	1.1553	2.39772	13.9167	5.15922	1
cg00355802	DUSP4	0.116227	0.933907	0.982328	-1.01799	0.165334	1.37452	1.37452	0.0214605	1.81107	1.81107	0.77163	0.939356	-1.06456	0.554472	1.13715	1.13715	0.370744	1.21845	1.21845	0.18115	1.35687	1.35687	0.0680207	1.55167	1.55167	0.0161539	1.88253	1.88253	2.39772	1.75479	0.650541	1
cg19170881	EMID2	0.116234	0.404995	0.514985	-1.9418	0.0149358	0.0971856	-10.2896	0.0633641	0.196676	-5.08449	0.39587	0.50803	-1.96839	0.0771893	0.216455	-4.6199	0.148505	0.29908	-3.34359	0.0498893	0.175187	-5.70819	0.0532974	0.180876	-5.52864	0.648167	0.699193	-1.43022	2.39765	23.0363	8.54032	1
cg09529323	SBK2	0.116236	0.503079	1.04472	1.04472	0.0146444	0.824072	-1.21349	0.341724	0.938878	-1.0651	0.851598	0.988015	-1.01213	0.0665429	0.875942	-1.14163	0.292521	0.932109	-1.07284	0.0830397	1.13151	1.13151	0.915871	0.99322	-1.00683	0.838468	0.986945	-1.01323	2.39764	0.157388	0.0583494	1
cg14482745	C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38	0.116237	0.86672	0.972127	-1.02867	0.192249	1.26148	1.26148	0.274071	0.825688	-1.21111	0.366816	0.855536	-1.16886	0.440692	1.14148	1.14148	0.363684	1.17012	1.17012	0.00838079	1.76269	1.76269	0.112099	1.33798	1.33798	0.323567	1.18719	1.18719	2.39762	1.07553	0.398738	1
cg05939324	CD163;CD163	0.116238	0.0282159	0.08319	-12.0207	0.042695	0.106557	-9.3846	0.221004	0.290923	-3.43733	0.117517	0.195638	-5.11149	0.1143	0.19235	-5.19886	0.750414	1.35834	1.35834	0.613433	0.613318	-1.63048	0.0911461	0.167679	-5.96377	0.037954	0.0993338	-10.0671	2.39762	34.9727	12.9657	1
cg16366262	TTLL10;TTLL10	0.116239	0.0436653	2.49272	2.49272	0.0268965	2.80741	2.80741	0.81716	1.0955	1.0955	0.751388	1.13335	1.13335	0.0660747	2.25244	2.25244	0.99748	1.00124	1.00124	0.0535836	2.37101	2.37101	0.0467662	2.45124	2.45124	0.71012	1.1584	1.1584	2.3976	5.88978	2.18358	1
cg03887787	CTSW	0.116239	?	?	?	0.24528	0.627616	-1.59333	0.0789191	0.473401	-2.11237	0.227818	0.615559	-1.62454	0.0523723	0.429274	-2.32951	0.225255	0.613744	-1.62934	0.132698	0.536956	-1.86235	0.0178589	0.331696	-3.01481	0.0597154	0.442899	-2.25785	2.42146	5.00827	2.06829	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg06217303	NCR3;NCR3;NCR3;NCR3;NCR3;NCR3	0.116243	0.0481638	0.232437	-4.30224	0.0436736	0.223487	-4.47452	0.724585	0.795672	-1.2568
cg09436184	SMCR7;SMCR7;SMCR7	0.116244	0.394899	0.882328	-1.13337	0.859764	1.02573	1.02573	0.160796	0.806361	-1.24014
cg15750986	NPTX2	0.116249	0.379807	0.638288	-1.56669	0.304394	0.588576	-1.69902	0.0544667	2.96634	2.96634
cg09336942	USP7	0.11625	0.31972	1.22513	1.22513	0.12575	0.72096	-1.38704	0.0188414	1.75387	1.75387
cg25323360	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.11625	0.171369	1.26898	1.26898	0.0344424	1.49705	1.49705	0.0639328	1.40582	1.40582
cg20817824	D4S234E;D4S234E	0.116254	0.127935	0.710526	-1.40741	0.99747	0.999342	-1.00066	0.551025	0.882268	-1.13344
cg07448771	SUV420H1;SUV420H1;SUV420H1;SUV420H1	0.116255	0.131006	0.418812	-2.38771	0.299165	0.563072	-1.77597	0.681586	1.24633	1.24633
cg00648203	NACC2	0.116259	0.733934	0.897777	-1.11386	0.0149464	0.388351	-2.57499	0.0546014	0.501996	-1.99205
cg08587737	HRNBP3	0.11626	0.811792	1.03918	1.03918	0.402104	0.87096	-1.14816	0.0151627	0.618379	-1.61713
cg21245618	VAV2;VAV2	0.116261	0.62187	1.1627	1.1627	0.0276073	0.453924	-2.20301	0.459653	0.795896	-1.25645
cg02017718	HOXC4	0.116261	0.105433	4.53318	4.53318	0.0428272	7.32932	7.32932	0.0683834	5.71685	5.71685
cg17121747	MFSD7	0.116262	0.0746979	7.41329	7.41329	0.255219	3.3154	3.3154	0.647041	1.5923	1.5923
cg06087028	UBD	0.116262	0.323343	0.748964	-1.33518	0.0432855	0.511644	-1.95448	0.0276331	0.470423	-2.12575
cg08606227	C7orf68;C7orf68;C7orf68;C7orf68	0.116263	0.499637	1.1337	1.1337	0.139366	1.33817	1.33817	0.239323	1.25313	1.25313
cg21865845	ROBO1	0.116263	0.211632	1.23311	1.23311	0.119245	0.763968	-1.30896	0.171963	1.26053	1.26053
cg13179130	TCEB3	0.116266	0.945916	1.0104	1.0104	0.21977	0.821305	-1.21757	0.699722	1.06091	1.06091
cg00643235	TTRAP	0.116267	0.0475328	0.167759	-5.96095	0.0237031	0.119201	-8.38921	0.0332473	0.140823	-7.10114
cg08485141	TM9SF2	0.116267	0.517546	0.644703	-1.5511	0.532438	0.655134	-1.5264	0.0629769	0.233444	-4.28369
cg13334874	PLD3;PLD3;C19orf47	0.116268	0.11771	2.3261	2.3261	0.0308968	3.52293	3.52293	0.0591599	2.88244	2.88244
cg00426425	JPH3	0.116271	0.888479	1.0286	1.0286	0.899089	1.02583	1.02583	0.999063	0.999764	-1.00024
cg01395254	MYT1L	0.116273	0.124474	0.303196	-3.29819	0.129809	3.23522	3.23522	0.235549	2.43975	2.43975
cg15503799	PRCC;PRCC;PRCC;PRCC	0.116276	0.0203867	0.686364	-1.45695	0.594589	1.075	1.075	0.327194	1.14589	1.14589
cg19241168	FBXL2	0.116278	0.131134	0.532131	-1.87924	0.114488	1.94337	1.94337	0.303311	1.51084	1.51084
cg15189793	NBLA00301	0.116278	0.0259134	0.328555	-3.04363	0.382261	1.45815	1.45815	0.0365704	0.359674	-2.78029
cg10300864	MIR495	0.116279	0.825979	0.916597	-1.09099	0.561353	0.792728	-1.26147	0.0493888	0.411894	-2.42781
cg24205792	SLC25A11;SLC25A11;SLC25A11;RNF167	0.116279	0.746341	1.15178	1.15178	0.0231314	3.26196	3.26196	0.32893	1.55066	1.55066
cg00586700	FCGRT;FCGRT	0.116281	0.0492599	0.484881	-2.06236	0.387404	0.751459	-1.33074	0.014905	0.380705	-2.62671
cg21945842	ALCAM	0.116283	?	?	?	?	?	?	0.0153088	5.49268	5.49268
cg17888096	SPATA20	0.116283	0.751988	0.812256	-1.23114	0.412019	0.554094	-1.80475	?	?	?
cg26863308	NLRX1;NLRX1	0.116285	0.627322	0.73258	-1.36504	0.0628935	3.78454	3.78454	0.103754	3.10047	3.10047
cg06344116	BARD1	0.116288	0.318612	0.841636	-1.18816	0.46899	0.884061	-1.13114	0.325654	0.843872	-1.18501
cg08882363	ZNF81	0.11629	0.0200197	0.104592	-9.561	0.189008	0.326497	-3.06281	0.131602	0.270017	-3.70347
cg00668291	ZNF107;ZNF107	0.116291	0.418214	0.889012	-1.12484	0.091738	0.767938	-1.30219	0.88334	1.0211	1.0211
cg19334176	DIP2C	0.116291	0.219845	0.44997	-2.22237	0.0549917	3.84547	3.84547	0.0181525	5.9044	5.9044
cg07811940	NSUN4	0.116295	0.476775	0.692336	-1.44439	0.157198	2.15726	2.15726	0.104286	2.46585	2.46585
cg09968817	NUMB;NUMB;NUMB;NUMB;NUMB;NUMB;NUMB;NUMB	0.116303	0.605725	1.2377	1.2377	0.107528	2.09707	2.09707	?	?	?
cg05351785	TGM1	0.116304	0.0141817	0.215317	-4.64433	0.430466	0.664735	-1.50436	0.879194	0.925721	-1.08024
cg22728225	PCDH11X	0.116304	0.355543	1.75431	1.75431	0.0884674	3.03912	3.03912	0.991345	1.00644	1.00644
cg26694616	MAP2K3	0.116304	0.12185	0.481001	-2.079	0.8593	1.08052	1.08052	0.163265	1.91447	1.91447
cg27350326	RFC4;RFC4	0.116305	0.484822	1.14638	1.14638	0.0151885	0.563315	-1.7752	0.15345	0.745167	-1.34198
cg06258155	MAP2K6	0.116305	0.570651	1.07766	1.07766	0.288508	1.15465	1.15465	0.402663	1.11825	1.11825
cg05095252	LYPD6	0.116306	0.0762489	0.420498	-2.37813	0.0478376	0.370211	-2.70116	0.211587	0.561027	-1.78244
cg20181312	MYOM2	0.116307	0.660472	1.11145	1.11145	0.758637	1.07646	1.07646	0.116835	0.665462	-1.50271
cg20031656	FEZ1;FEZ1	0.116308	0.140632	0.796669	-1.25523	0.185937	0.817802	-1.22279	0.182363	0.816295	-1.22505
cg08755218	TMEM208;TMEM208;LRRC29;LRRC29	0.116309	0.0441536	0.274199	-3.64699	0.166099	2.28502	2.28502	0.0890968	2.85542	2.85542
cg20112376	JAKMIP1;JAKMIP1	0.116311	0.0411685	0.268965	-3.71796	0.124672	0.395885	-2.52599	0.947427	0.963909	-1.03744
cg06758211	TUBB	0.116311	0.0267627	0.560425	-1.78436	0.967406	1.00906	1.00906	0.400236	0.82695	-1.20926
cg04553446	KIF16B	0.116311	0.758677	1.05416	1.05416	0.0830396	1.3889	1.3889	0.0729093	1.40837	1.40837
cg25282951	KIAA1026;KIAA1026	0.116312	0.0777313	0.179144	-5.58209	0.22223	0.324597	-3.08074	0.141641	0.250038	-3.99939
cg11156873	LPCAT1	0.116313	0.720259	0.899293	-1.11198	0.114017	0.602005	-1.66112	0.00536154	0.338768	-2.95187
cg08935243	CETN3	0.116314	0.723142	1.11149	1.11149	0.110208	1.67753	1.67753	0.0506237	1.93847	1.93847
cg11345918	HCCA2;LOC338651	0.116315	0.307649	1.44765	1.44765	0.403226	0.741073	-1.3494	0.00989175	3.13234	3.13234
cg18616228	FLJ45340	0.116316	0.0742078	0.371622	-2.69091	0.0396767	0.306191	-3.26594	0.0438498	0.315804	-3.16652
cg19506407	NLGN4X;NLGN4X	0.116318	0.0711546	0.295742	-3.38133	0.0519374	0.262736	-3.8061	0.0421467	0.242926	-4.11649
cg04640250	LOC283392;TRHDE;LOC283392	0.116319	0.405234	0.779068	-1.28358	0.195721	0.669551	-1.49354	0.324623	1.34745	1.34745
cg00097432	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.116324	0.0278963	0.293891	-3.40262	0.449918	0.695687	-1.43743	0.836474	0.907185	-1.10231
cg03800447	RPTOR;RPTOR	0.116325	0.133383	0.703416	-1.42163	0.0187031	1.85752	1.85752	0.0495429	1.62727	1.62727
cg07811198	DPP6	0.116327	0.219809	1.25433	1.25433	0.88069	0.973967	-1.02673	0.0402233	1.51628	1.51628
cg02113184	TBCCD1;TBCCD1	0.116327	0.504576	1.12889	1.12889	0.0182144	1.67069	1.67069	0.435807	1.15298	1.15298
cg27081634	MRGPRF;MRGPRF	0.116327	0.255286	0.488491	-2.04712	0.157301	0.401606	-2.49	0.102365	0.340167	-2.93973
cg26429925	BNC1	0.11633	0.621417	0.806026	-1.24066	0.841597	0.91697	-1.09055	0.394461	1.45912	1.45912
cg16792842	EBF2	0.11633	0.882973	1.08368	1.08368	0.0127335	0.184757	-5.4125	0.185162	0.464586	-2.15246
cg09893100	CHD7	0.116334	0.754957	1.03523	1.03523	0.922911	1.01076	1.01076	0.191601	0.85822	-1.1652
cg17591741	CTSE;CTSE	0.116335	0.437467	0.825211	-1.21181	0.0198369	1.97819	1.97819	0.740659	1.0839	1.0839
cg14713933	MYADM;MYADM;MYADM;MYADM;MYADM	0.116335	0.425383	1.30148	1.30148	0.887454	0.95533	-1.04676	0.358094	1.35832	1.35832
cg12877378	IQCG;IQCG	0.116337	0.788687	0.954777	-1.04737	0.296736	1.20488	1.20488	0.174246	1.28273	1.28273
cg00417692	CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D	0.116342	0.0192886	1.70441	1.70441	0.168998	0.758747	-1.31796	0.910472	0.979032	-1.02142
cg05450193	ERC2	0.116344	0.0960651	0.330044	-3.0299	0.0119264	0.149106	-6.70665	0.789928	1.1758	1.1758
cg23557426	FUT8;FUT8;FUT8;FUT8	0.116345	0.640019	1.13143	1.13143	0.0923659	0.615314	-1.62519	0.0334856	1.91799	1.91799
cg10994126	PAPPA2;PAPPA2;PAPPA2;PAPPA2	0.116348	0.0405826	0.149773	-6.67679	0.0473523	0.16175	-6.18239	0.091173	0.224503	-4.45428
cg22136118	ULBP3	0.116349	0.295533	0.790207	-1.26549	0.918686	1.02241	1.02241	0.123536	0.696216	-1.43634
cg21711008	ANXA2;ANXA2;ANXA2;ANXA2	0.116351	0.823315	0.970494	-1.0304	0.39642	0.890207	-1.12333	0.54892	0.921989	-1.08461
cg09117622	RERE;RERE;RERE	0.116354	0.474116	1.2127	1.2127	0.0136552	2.24361	2.24361	0.738421	1.09284	1.09284
cg11123583	NXN	0.11636	0.476018	1.41447	1.41447	0.00608519	0.180223	-5.54867	0.138693	0.466446	-2.14387
cg11702448	CDC37	0.116361	0.137577	0.498236	-2.00708	0.788807	1.12408	1.12408	0.595767	0.79195	-1.26271
cg20520365	NECAB3;NECAB3;C20orf144	0.116363	0.315276	0.87566	-1.142	0.129009	1.23339	1.23339	0.0335658	0.727986	-1.37365
ch.19.1271107F	HNRNPL;HNRNPL	0.116364	0.0548678	0.550421	-1.81679	0.511269	1.20045	1.20045	0.189388	1.46407	1.46407
cg21182407	BPHL;BPHL;BPHL;BPHL	0.116365	0.792968	0.949061	-1.05367	0.316186	0.813851	-1.22873	0.0169722	1.7837	1.7837
cg24047377	HAPLN2	0.116365	0.182683	0.451998	-2.2124	0.635189	1.30784	1.30784	0.078622	0.33391	-2.99482
cg00682802	MDC1	0.116367	0.147388	0.771331	-1.29646	0.0313175	1.5248	1.5248	0.537731	0.901036	-1.10983
cg12385811	COL23A1	0.116367	0.114771	0.409773	-2.44037	0.218857	0.510333	-1.9595	0.0530458	0.318689	-3.13785
cg03064400	U2AF1L4;U2AF1L4;PSENEN	0.116371	0.0413426	2.87764	2.87764	0.330333	1.57019	1.57019	0.96242	0.979059	-1.02139
cg07791476	C4orf23;C4orf23	0.116372	0.392532	1.27185	1.27185	0.211023	0.696435	-1.43588	0.487617	0.82399	-1.21361
cg08552519	PCBP4;PCBP4	0.116372	0.612054	0.934472	-1.07012	0.113782	1.2561	1.2561	0.644024	1.0636	1.0636
cg25783326	ODZ4	0.116373	0.050485	0.427701	-2.33808	0.781649	0.899543	-1.11168	0.365346	0.7016	-1.42531
cg07980404	UTP11L	0.116374	0.834006	1.13096	1.13096	0.15746	0.412085	-2.42668	0.5964	0.73093	-1.36812
cg06841662	VWA3B	0.116375	0.024959	1.52417	1.52417	0.770451	0.954832	-1.0473	0.0259856	0.658718	-1.5181
cg02935154	VWDE;VWDE	0.116377	0.204552	0.254348	-3.93162	0.0301324	13.5683	13.5683	0.210963	3.84905	3.84905
cg23435387	RNF17	0.116379	0.727322	0.902723	-1.10776	0.432824	1.26365	1.26365	0.00431966	0.327818	-3.05048
cg19821589	KLHL23	0.116388	0.637555	0.890908	-1.12245	0.26679	1.32529	1.32529	0.704878	1.09705	1.09705
cg00171166	C20orf117;C20orf117	0.116391	0.251134	2.50961	2.50961	0.0128572	10.7038	10.7038	0.148071	3.28942	3.28942
cg06508379	SFRS14;SFRS14	0.116393	0.810853	0.92393	-1.08233	0.0104824	2.8952	2.8952	0.403008	1.32632	1.32632
cg04923840	KCNK2	0.116393	0.261113	0.599741	-1.66739	0.714813	0.852068	-1.17362	0.217826	0.568062	-1.76037
cg26189472	CAPS2	0.1164	0.126641	0.727487	-1.3746	0.469706	0.867945	-1.15215	0.320607	0.820692	-1.21848
cg27091233	BAT3;BAT3;BAT3;BAT3	0.1164	0.188731	1.18635	1.18635	0.656286	1.05651	1.05651	0.0594741	1.29829	1.29829
cg13454407	KCNV1	0.116403	0.468533	1.19285	1.19285	0.311322	0.778449	-1.28461	0.599265	0.880929	-1.13516
cg27098620	MAD1L1;MAD1L1;MAD1L1	0.116406	0.938903	0.972885	-1.02787	0.0334154	2.43834	2.43834	0.040363	2.33772	2.33772
cg11884243	FCN2;FCN2	0.116408	0.816417	0.930463	-1.07473	0.0173277	2.45526	2.45526	0.0236084	0.432718	-2.31097
cg17071639	FEZ1;FEZ1	0.116409	0.640209	1.05303	1.05303	0.109059	0.825456	-1.21145	0.00993142	1.42972	1.42972
cg10315249	PELI3;PELI3	0.116409	0.123282	1.85977	1.85977	0.0482343	2.31392	2.31392	0.0172001	2.94133	2.94133
cg03321558	TMEM185A	0.116409	0.446629	0.679944	-1.47071	0.168924	0.482454	-2.07274	0.934519	0.959961	-1.04171
cg05706898	TTLL10;TTLL10	0.116412	0.383316	0.561372	-1.78135	0.85625	1.12424	1.12424	0.558515	0.682418	-1.46538
cg02884024	C20orf177;PPP1R3D	0.116412	0.174599	1.30527	1.30527	0.108207	1.38171	1.38171	0.0991231	1.39592	1.39592
cg10510604	SH3PXD2B	0.116421	0.653637	1.25428	1.25428	0.0550944	0.335906	-2.97703	0.76842	1.15964	1.15964
cg02378861	CCDC127	0.116421	0.208122	0.528562	-1.89193	0.0641969	0.368182	-2.71605	0.605365	0.778477	-1.28456
cg06657741	SLC9A6;SLC9A6	0.116421	0.0878573	0.458915	-2.17905	0.0304443	0.349344	-2.86251	0.615517	1.2329	1.2329
cg14785449	ASNS;ASNS;ASNS;ASNS;ASNS	0.116422	0.0298866	0.209818	-4.76604	0.9213	1.06225	1.06225	?	?	?
cg07218344	TRIM13;TRIM13;TRIM13;TRIM13;TRIM13;DLEU2	0.116422	0.332733	0.801862	-1.2471	0.0262807	1.7904	1.7904	0.178012	1.37203	1.37203
cg25449440	ZIC4;ZIC4;ZIC4	0.116423	0.0534758	0.0636587	-15.7088	0.620996	0.534803	-1.86985	0.179407	5.99403	5.99403
cg06100570	MAD1L1;MAD1L1;MAD1L1	0.116424	0.0809969	0.31955	-3.1294	0.0423967	0.252002	-3.96823	0.277988	0.514167	-1.94489
cg11211965	SCARNA12;PHB2;PHB2	0.116426	0.113318	0.487079	-2.05305	0.85113	1.08159	1.08159	0.0508257	0.395041	-2.53138
cg06731730	NOB1	0.116426	0.293126	1.15952	1.15952	0.10512	0.78638	-1.27165	0.0374015	0.72051	-1.38791
cg19356515	EXPH5;EXPH5;EXPH5	0.116429	0.198994	0.673119	-1.48562	0.59525	0.855239	-1.16926	0.522338	1.20817	1.20817
cg01198359	ANKRD11	0.11643	0.385583	0.845952	-1.1821	0.675074	0.923772	-1.08252	0.405004	0.851942	-1.17379
cg18099423	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.116435	0.0967712	0.587585	-1.70188	0.170542	0.65332	-1.53064	0.535707	0.832828	-1.20073
cg13112524	WHSC1;WHSC1;WHSC1;WHSC1	0.116437	0.0745803	1.60502	1.60502	0.622218	1.12558	1.12558	0.675945	0.904716	-1.10532
cg05261289	STARD7	0.116437	0.033144	1.25949	1.25949	0.154934	1.15143	1.15143	0.371849	1.08864	1.08864
cg20482337	LOC253724;HSP90B1;HSP90B1	0.116437	0.102991	1.18423	1.18423	0.304889	1.10597	1.10597	0.27204	1.11448	1.11448
cg01751892	KRT2	0.116441	0.871716	1.03849	1.03849	0.343454	0.79604	-1.25622	0.105995	0.661889	-1.51083
cg02193861	RSU1;RSU1	0.116441	0.999425	1.00012	1.00012	0.113478	1.31749	1.31749	0.978575	0.99571	-1.00431
cg08595102	RAC1;RAC1	0.116447	0.937914	1.01077	1.01077	0.118783	1.26224	1.26224	0.293174	1.16182	1.16182
cg25260865	SLC12A8	0.116447	0.0798601	0.387833	-2.57843	0.532617	1.36073	1.36073	0.0929705	0.406276	-2.46138
cg01293723	KRTAP1-5	0.116448	0.0422608	0.460578	-2.17118	0.128341	0.580006	-1.72412	0.395131	0.749307	-1.33457
cg10688500	CCNC;CCNC	0.116451	0.0420399	0.693615	-1.44172	0.567487	1.09444	1.09444	0.141816	1.27974	1.27974
cg22318551	C6orf163	0.116459	0.460956	0.828884	-1.20644	0.115994	0.652368	-1.53288	0.247805	0.739259	-1.35271
cg16572908	SSR2	0.116459	0.89645	0.971409	-1.02943	0.0446236	1.6714	1.6714	0.0326789	1.74512	1.74512
cg09317899	AGAP1;AGAP1	0.116459	0.0389454	0.708834	-1.41077	0.10229	0.773034	-1.2936	0.304162	1.16558	1.16558
cg02468627	PPAP2B;PPAP2B	0.116465	0.67292	1.16211	1.16211	0.0612447	0.47415	-2.10904	0.0441058	0.441147	-2.26682
cg26964907	VGLL2;VGLL2	0.116465	0.634586	0.89165	-1.12152	0.0148737	2.04933	2.04933	0.208164	1.37416	1.37416
cg06475764	NETO2	0.116472	0.272566	0.825642	-1.21118	0.367335	0.856102	-1.16809	0.308361	1.1935	1.1935
cg14409032	LMX1B	0.116472	0.355412	0.751237	-1.33114	0.0330557	0.472416	-2.11678	0.0310484	0.466897	-2.1418
cg23202053	REXO1	0.116474	0.948691	1.02096	1.02096	0.729308	1.11848	1.11848	0.622034	1.1737	1.1737
cg14597804	RAD50;RAD50	0.116475	0.915494	1.04156	1.04156	0.217407	0.607822	-1.64522	0.0336961	0.386119	-2.58988

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)
cg06217303	0.243675	0.454677	-2.19936	0.0877979	0.295986	-3.37854	0.194715	0.412174	-2.42616
cg09436184	0.0656958	0.743235	-1.34547	0.342006	0.868781	-1.15104	0.267962	0.847227	-1.18032
cg15750986	0.901677	0.940267	-1.06353	0.50485	1.40105	1.40105	0.430408	0.669601	-1.49343
cg09336942	0.164193	1.34059	1.34059	0.114255	1.40388	1.40388	0.491338	0.871073	-1.14801
cg25323360	0.836569	0.966776	-1.03437	0.983029	1.00349	1.00349	0.559599	1.10132	1.10132
cg20817824	0.770458	0.941056	-1.06264	0.0411581	0.613113	-1.63102	0.76991	0.940914	-1.0628
cg07448771	0.145094	0.433782	-2.30531	0.00340613	0.119487	-8.36908	0.948448	0.966076	-1.03511
cg00648203	0.978828	0.991647	-1.00842	0.0177206	0.401899	-2.48818	0.956781	0.983017	-1.01728
cg08587737	0.885794	0.977111	-1.02342	0.248587	0.823398	-1.21448	0.299441	0.840919	-1.18918
cg21245618	0.930014	0.973715	-1.02699	0.171067	1.55572	1.55572	0.775848	1.09042	1.09042
cg02017718	0.652817	0.679149	-1.47243	0.783247	0.790084	-1.26569	0.0558395	6.36691	6.36691
cg17121747	0.47539	2.07998	2.07998	0.150621	4.73257	4.73257	0.107175	5.89683	5.89683
cg06087028	0.0835904	0.577749	-1.73086	0.0167917	0.427611	-2.33857	0.105591	0.603245	-1.6577
cg08606227	0.0153085	0.579738	-1.72492	0.343881	1.19548	1.19548	0.626033	0.913994	-1.0941
cg21865845	0.0257133	1.5248	1.5248	0.572073	1.09518	1.09518	0.260226	0.829442	-1.20563
cg13179130	0.968989	0.994087	-1.00595	0.484705	0.897331	-1.11442	0.398619	1.14093	1.14093
cg00643235	0.425825	0.527016	-1.89748	0.0919861	0.231984	-4.31063	0.116745	0.261228	-3.82807
cg08485141	?	?	?	?	?	?	0.236893	2.31427	2.31427
cg13334874	0.248384	1.82131	1.82131	0.444447	1.47309	1.47309	0.0750672	2.67767	2.67767
cg00426425	0.603674	0.900084	-1.11101	0.00719154	0.497889	-2.00848	0.730123	1.07208	1.07208
cg01395254	0.471354	0.591158	-1.6916	0.242204	0.41554	-2.4065	0.155157	0.335729	-2.97859
cg15503799	0.837867	1.02797	1.02797	0.620053	1.0696	1.0696	0.217828	1.1907	1.1907
cg19241168	0.0341351	2.60357	2.60357	0.57948	0.805214	-1.24191	0.178547	0.575114	-1.73878
cg15189793	0.742073	0.870219	-1.14914	0.49871	0.748957	-1.33519	0.281968	0.624614	-1.60099
cg10300864	0.401445	1.40445	1.40445	0.0430937	0.39833	-2.51048	0.378749	1.42926	1.42926
cg24205792	0.509644	0.747356	-1.33805	?	?	?	0.279078	0.612654	-1.63224
cg00586700	0.142805	0.601699	-1.66196	0.287197	0.700176	-1.42821	0.160247	0.616396	-1.62233
cg21945842	0.847292	1.11662	1.11662	0.656674	0.774164	-1.29172	0.205476	0.465683	-2.14738
cg17888096	0.890432	0.914358	-1.09366	?	?	?	0.0591137	0.10475	-9.54649
cg26863308	0.421891	1.68509	1.68509	0.533996	0.669905	-1.49275	0.198163	2.37506	2.37506
cg06344116	0.0847185	1.37562	1.37562	0.595735	0.914332	-1.09369	0.225441	1.23731	1.23731
cg08882363	0.181032	3.13404	3.13404	0.286896	0.410852	-2.43397	0.100933	0.235732	-4.24211
cg00668291	0.147088	0.801492	-1.24767	0.0226463	0.678339	-1.47419	0.643295	0.935829	-1.06857
cg19334176	0.988091	0.990804	-1.00928	0.417065	0.598481	-1.6709	0.130071	2.75151	2.75151
cg07811940	0.419816	1.52031	1.52031	0.0271704	0.264773	-3.77683	0.857629	1.09556	1.09556
cg09968817	?	?	?	?	?	?	?	?	?
cg05351785	0.789804	1.1452	1.1452	0.0115704	0.201453	-4.96394	0.976144	0.984941	-1.01529
cg22728225	0.286725	0.519818	-1.92375	0.0486082	0.263883	-3.78956	0.0613927	3.47802	3.47802
cg26694616	0.115919	0.474372	-2.10805	0.0823694	0.431793	-2.31592	0.186625	1.84227	1.84227
cg27350326	0.924497	1.01841	1.01841	0.988347	0.997193	-1.00281	0.0512237	1.53302	1.53302
cg06258155	0.563091	0.926543	-1.07928	0.289238	1.15438	1.15438	0.298265	0.868745	-1.15109
cg05095252	0.28531	0.61422	-1.62808	0.0755404	0.419423	-2.38423	0.0775312	0.422427	-2.36727
cg20181312	0.640998	1.11881	1.11881	0.890815	0.967701	-1.03338	0.502677	1.17658	1.17658
cg20031656	0.0428707	0.715872	-1.3969	0.470597	1.11101	1.11101	0.0559352	0.733034	-1.36419
cg08755218	?	?	?	0.194502	0.463937	-2.15546	0.858393	0.904894	-1.1051
cg20112376	0.483766	0.672538	-1.4869	0.0234932	0.221272	-4.51932	0.129526	0.401319	-2.49179
cg06758211	0.248507	0.766296	-1.30498	0.0140227	0.512039	-1.95297	0.101469	0.673223	-1.48539
cg04553446	0.637984	0.922078	-1.08451	0.722482	1.06294	1.06294	0.165775	1.28789	1.28789
cg25282951	0.0988747	0.204514	-4.88963	0.00728597	0.048047	-20.8129	0.963126	0.960261	-1.04138
cg11156873	0.907519	0.966279	-1.0349	0.654281	1.14231	1.14231	0.951591	0.982239	-1.01808
cg08935243	0.125588	0.611038	-1.63656	0.194676	1.50332	1.50332	0.713725	0.896288	-1.11571
cg11345918	0.0390834	2.30845	2.30845	0.699003	1.14581	1.14581	0.263155	1.50481	1.50481
cg18616228	0.330539	0.606789	-1.64802	0.0364342	0.29822	-3.35323	0.239011	0.541422	-1.84699
cg19506407	0.0816775	0.311549	-3.20976	0.0250937	0.199799	-5.00503	0.129131	0.371165	-2.69422
cg04640250	0.0609893	0.538442	-1.85721	0.0927423	0.581402	-1.71998	0.121248	1.6365	1.6365
cg00097432	0.444203	0.692376	-1.4443	0.00944182	0.212151	-4.71362	0.378511	0.653229	-1.53086
cg03800447	0.192446	1.34955	1.34955	0.580652	0.885816	-1.1289	0.380472	1.2159	1.2159
cg07811198	0.40483	1.16148	1.16148	0.445238	0.87226	-1.14645	0.203776	1.26563	1.26563
cg02113184	0.387987	1.17165	1.17165	0.689603	0.930643	-1.07453	0.032429	1.56575	1.56575
cg27081634	0.649433	0.758775	-1.31791	0.248196	0.482779	-2.07134	0.594085	1.38331	1.38331
cg26429925	0.244937	0.590443	-1.69364	0.080619	0.431977	-2.31494	0.153462	0.515769	-1.93885
cg16792842	0.84753	1.11073	1.11073	0.793922	1.15352	1.15352	0.697841	0.808283	-1.23719
cg09893100	0.176346	1.17231	1.17231	0.709161	1.04231	1.04231	0.665424	1.04929	1.04929
cg17591741	0.553439	1.15651	1.15651	0.0380155	0.557998	-1.79212	0.266934	1.32384	1.32384
cg14713933	0.182916	0.631143	-1.58443	0.0525865	0.484036	-2.06596	0.052292	2.06842	2.06842
cg12877378	0.342567	1.18348	1.18348	0.013898	0.59241	-1.68802	0.427218	1.14987	1.14987
cg00417692	0.829261	1.04153	1.04153	0.044072	0.646717	-1.54627	0.943169	1.01352	1.01352
cg05450193	0.186172	2.33989	2.33989	0.149771	0.391949	-2.55135	0.654825	0.761143	-1.31381
cg23557426	0.420566	1.24076	1.24076	0.968404	1.01044	1.01044	0.696597	1.10819	1.10819
cg10994126	0.217694	0.353023	-2.83268	0.0527086	0.170627	-5.86075	0.111171	0.248247	-4.02824
cg22136118	0.786813	0.942856	-1.06061	0.107192	0.682707	-1.46476	0.812003	0.949596	-1.05308
cg21711008	0.166346	1.21853	1.21853	0.502801	1.09535	1.09535	0.0209935	1.45044	1.45044
cg09117622	0.655151	0.887733	-1.12647	0.442926	1.23028	1.23028	0.106124	1.59601	1.59601
cg11123583	0.247701	0.560888	-1.78289	0.393708	0.658358	-1.51893	0.675664	0.817649	-1.22302
cg11702448	0.00844323	0.231023	-4.32857	0.073334	0.418969	-2.38681	0.164677	0.524225	-1.90758
cg20520365	0.971374	0.995422	-1.0046	0.0410424	0.739724	-1.35186	0.778282	0.964549	-1.03675
ch.19.1271107F	0.395311	0.787633	-1.26963	0.0549459	0.550554	-1.81635	0.226994	0.70623	-1.41597
cg21182407	0.910851	1.02251	1.02251	0.410176	0.845855	-1.18224	0.533564	0.882205	-1.13352
cg24047377	0.268988	0.523897	-1.90877	0.0337833	0.248604	-4.02246	0.48528	0.671535	-1.48913
cg00682802	0.247281	1.22389	1.22389	0.701842	1.06635	1.06635	0.346544	0.850535	-1.17573
cg12385811	0.80201	0.877486	-1.13962	0.0269646	0.255994	-3.90635	0.0818764	0.366812	-2.72619
cg03064400	0.068669	0.400379	-2.49763	0.368362	0.66033	-1.51439	0.350214	1.54019	1.54019
cg07791476	0.177713	1.48175	1.48175	0.016609	0.447959	-2.23235	0.034359	0.507836	-1.96914
cg08552519	0.687829	0.947881	-1.05499	0.362991	0.883471	-1.1319	0.774617	1.03878	1.03878
cg25783326	0.0910497	0.492021	-2.03244	0.025346	0.363179	-2.75347	0.441297	0.741424	-1.34876
cg07980404	0.458528	1.55684	1.55684	0.696517	0.794642	-1.25843	0.190366	0.443402	-2.25529
cg06841662	0.931945	0.986598	-1.01358	0.87933	1.02429	1.02429	0.279951	0.837422	-1.19414
cg02935154	0.966869	0.958415	-1.04339	0.320965	0.350419	-2.85373	0.808397	1.28203	1.28203
cg23435387	0.823099	0.936637	-1.06765	0.196115	0.670571	-1.49127	0.653707	1.14113	1.14113
cg19821589	0.571385	0.870025	-1.14939	0.367058	0.798073	-1.25302	0.391095	0.807427	-1.2385
cg00171166	0.182266	2.96341	2.96341	0.256016	0.40257	-2.48404	0.20307	0.356615	-2.80414
cg06508379	0.099927	1.81287	1.81287	0.684451	1.14434	1.14434	0.844245	1.06706	1.06706
cg04923840	0.770006	0.87995	-1.13643	0.00886298	0.23382	-4.2768	0.0547262	0.386532	-2.58711
cg26189472	0.708443	1.07501	1.07501	0.723118	0.933794	-1.0709	0.758427	1.0612	1.0612
cg27091233	0.0292608	0.72966	-1.3705	0.103859	1.24388	1.24388	0.840483	0.975573	-1.02504
cg13454407	0.299132	1.29344	1.29344	0.430081	1.21237	1.21237	0.252621	1.33071	1.33071
cg27098620	0.338079	0.701782	-1.42494	0.0675431	0.479765	-2.08436	0.643977	0.846298	-1.18162
cg11884243	0.690613	0.883387	-1.13201	0.927754	0.972285	-1.0285	0.733004	1.11196	1.11196
cg17071639	0.185879	0.857303	-1.16645	0.755554	0.966301	-1.03487	0.588069	0.941738	-1.06187
cg10315249	0.118871	1.87591	1.87591	0.577461	1.23264	1.23264	0.509912	1.282	1.282
cg03321558	0.310386	0.593355	-1.68533	0.0237561	0.261294	-3.82711	0.793711	1.13919	1.13919
cg05706898	0.956208	1.0361	1.0361	0.00400422	0.0822695	-12.1552	0.134386	0.352562	-2.83638
cg02884024	0.31865	0.826831	-1.20944	0.404344	1.17049	1.17049	0.112216	1.37584	1.37584
cg10510604	0.159166	2.1271	2.1271	0.0960484	0.399781	-2.50137	0.521722	0.721988	-1.38506
cg02378861	0.133632	0.459666	-2.17549	0.30806	0.602373	-1.6601	0.261443	0.569707	-1.75529
cg06657741	0.686608	1.18258	1.18258	0.154785	0.532782	-1.87694	0.051623	0.400147	-2.49908
cg14785449	0.0759257	0.299071	-3.34368	0.445126	0.621457	-1.60912	?	?	?
cg07218344	0.642523	0.901854	-1.10883	0.352213	1.23561	1.23561	0.382876	1.21866	1.21866
cg25449440	0.156809	0.149323	-6.6969	0.10169	0.105404	-9.4873	0.152927	0.146296	-6.83546
cg06100570	0.515824	0.678066	-1.47478	0.0164616	0.177602	-5.63057	0.0571087	0.281045	-3.55815
cg11211965	0.274197	1.60795	1.60795	0.060758	0.413757	-2.41688	0.0440429	0.380643	-2.62713
cg06731730	0.478972	1.1026	1.1026	0.395475	1.12536	1.12536	0.562807	1.08264	1.08264
cg19356515	0.847946	1.05758	1.05758	0.164158	0.648594	-1.5418	0.0865535	0.575713	-1.73698
cg01198359	0.285404	0.811662	-1.23204	0.0063638	0.512782	-1.95015	0.938176	1.0147	1.0147
cg18099423	0.0182518	0.43356	-2.30649	0.0697409	0.553459	-1.80682	0.095024	0.585621	-1.70759
cg13112524	0.190246	1.39156	1.39156	0.362936	0.800336	-1.24947	0.925025	0.977829	-1.02267
cg05261289	0.134483	0.861153	-1.16123	0.255277	0.895819	-1.1163	0.796576	0.976355	-1.02422
cg20482337	0.0290269	0.783523	-1.27629	0.508547	1.06564	1.06564	0.716366	0.966002	-1.0352
cg01751892	0.421374	1.21165	1.21165	0.0231147	1.88671	1.88671	0.139678	1.44987	1.44987
cg02193861	0.482305	1.12112	1.12112	0.00509982	0.552925	-1.80856	0.443246	1.13332	1.13332
cg08595102	0.376108	0.882557	-1.13307	0.0974982	0.778726	-1.28415	0.133481	0.800418	-1.24935
cg25260865	0.932219	0.959391	-1.04233	0.0205509	0.256723	-3.89524	0.416793	0.667364	-1.49843
cg01293723	0.625972	0.849781	-1.17677	0.058345	0.492186	-2.03175	0.0442562	0.464972	-2.15067
cg10688500	0.290195	0.842468	-1.18699	0.0610617	0.719187	-1.39046	0.215471	0.815798	-1.22579
cg22318551	0.462367	0.829391	-1.2057	0.057687	0.584711	-1.71025	0.923231	1.02439	1.02439
cg16572908	0.681326	0.912116	-1.09635	0.911586	0.975559	-1.02505	0.119392	0.68627	-1.45715
cg09317899	0.429809	1.12303	1.12303	0.370608	0.876018	-1.14153	0.333806	1.15433	1.15433
cg02468627	0.228348	1.56417	1.56417	0.973135	1.01199	1.01199	0.899933	0.956464	-1.04552
cg26964907	0.639389	0.89312	-1.11967	0.995689	0.998707	-1.00129	0.0642053	1.64563	1.64563
cg06475764	0.71201	0.939686	-1.06418	0.407016	1.15293	1.15293	0.899714	1.02138	1.02138
cg14409032	0.381919	0.763519	-1.30973	0.484926	0.807721	-1.23805	0.552454	0.834574	-1.19822
cg23202053	0.893645	0.957801	-1.04406	0.00659115	0.32075	-3.11769	0.8543	0.94247	-1.06104
cg14597804	0.673218	1.17673	1.17673	0.0271582	0.366677	-2.7272	0.762129	1.12352	1.12352

Probeset ID	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06217303	0.0155394	0.14698	-6.80365	0.102676	0.315449	-3.17009	0.142808	0.361435	-2.76675	2.39757	15.8524	5.87722	1
cg09436184	0.60056	0.926905	-1.07886	0.0038988	0.572174	-1.74772	0.322397	0.863412	-1.1582	2.39756	0.783826	0.290601	1
cg15750986	0.0189524	0.242693	-4.12044	0.0840614	0.385752	-2.59234	0.938464	0.962254	-1.03923	2.39752	9.42965	3.49607	1
cg09336942	0.618194	0.90554	-1.10431	0.90896	0.977664	-1.02285	0.33775	0.822711	-1.21549	2.39751	1.48067	0.548966	1
cg25323360	0.0258795	1.5414	1.5414	0.841412	0.967761	-1.03331	0.241108	0.818134	-1.22229	2.3975	1.01601	0.37669	1
cg20817824	0.00571568	0.471202	-2.12223	0.680712	1.08972	1.08972	0.944421	1.01458	1.01458	2.39747	1.63725	0.607028	1
cg07448771	0.821929	0.886636	-1.12786	0.597613	0.752529	-1.32885	0.48295	0.683465	-1.46313	2.39746	10.8176	4.01077	1
cg00648203	0.734202	0.897879	-1.11374	0.233888	0.674051	-1.48357	0.239998	0.677827	-1.4753	2.39742	3.79324	1.40642	1
cg08587737	0.0233012	0.646106	-1.54773	0.29268	0.838716	-1.1923	0.242876	1.21762	1.21762	2.39742	0.985609	0.365434	1
cg21245618	0.0188114	2.37031	2.37031	0.538757	1.2077	1.2077	0.708644	0.892416	-1.12055	2.39741	3.49117	1.29442	1
cg02017718	0.0352014	8.13394	8.13394	0.553388	1.6691	1.6691	0.763429	0.772658	-1.29423	2.39741	27.7203	10.2779	1
cg17121747	0.0532832	9.16505	9.16505	0.0127327	22.7232	22.7232	0.0472843	9.87722	9.87722	2.3974	38.6582	14.3334	1
cg06087028	0.553791	0.844354	-1.18434	0.160336	0.652284	-1.53307	0.167314	0.657579	-1.52073	2.53932	3.13041	0.958826	1
cg08606227	0.929131	1.01642	1.01642	0.811919	1.04462	1.04462	0.0661815	1.45845	1.45845	2.39739	1.2732	0.472068	1
cg21865845	0.402166	0.872378	-1.14629	0.571553	1.09531	1.09531	0.117054	1.31142	1.31142	2.39738	0.962783	0.356975	1
cg13179130	0.103575	1.31204	1.31204	0.0180919	1.54958	1.54958	0.0351237	1.45421	1.45421	2.39736	0.883732	0.327669	1
cg00643235	0.0764779	0.21178	-4.72187	0.182105	0.327751	-3.0511	0.161271	0.307768	-3.2492	2.39735	23.5564	8.73422	1
cg08485141	0.0167949	0.122994	-8.13048	0.727539	1.26262	1.26262	0.313606	0.495423	-2.01848	2.78764	14.4951	4.45694	1
cg13334874	?	?	?	0.234524	1.85738	1.85738	0.263406	0.560287	-1.7848	2.42119	8.41533	3.47571	1
cg00426425	0.0732708	0.669334	-1.49402	0.184894	1.32662	1.32662	0.522125	1.13928	1.13928	2.39732	1.53393	0.568757	1
cg01395254	0.0270076	0.152796	-6.54466	0.147243	0.327641	-3.05213	0.529243	0.632988	-1.57981	2.3973	19.5438	7.24661	1
cg15503799	0.0572917	1.33581	1.33581	0.14315	1.23597	1.23597	0.186189	1.20768	1.20768	2.39727	0.688249	0.255198	1
cg19241168	0.44637	0.740511	-1.35042	0.205691	0.596474	-1.67652	0.398344	0.715563	-1.3975	2.39725	5.68764	2.10895	1
cg15189793	0.020459	0.308629	-3.24014	0.742328	0.870344	-1.14897	0.728699	0.86367	-1.15785	2.39725	6.72651	2.49416	1
cg10300864	0.103639	2.02162	2.02162	0.554055	0.789213	-1.26708	0.0964615	0.485871	-2.05816	2.39724	5.93883	2.2021	1
cg24205792	0.0414928	0.359332	-2.78294	0.422128	1.42904	1.42904	0.973378	1.01463	1.01463	2.42109	6.46062	2.66848	1
cg00586700	0.08337	0.538927	-1.85554	0.302665	1.4111	1.4111	0.565431	0.829109	-1.20611	2.39722	3.94939	1.46444	1
cg21945842	?	?	?	0.791873	0.859577	-1.16336	0.17268	2.29413	2.29413	2.48769	8.5986	4.60862	1
cg17888096	0.471448	1.65818	1.65818	?	?	?	0.0506673	11.6293	11.6293	7.92387	24.4809	1.02984	1
cg26863308	0.00901361	8.26283	8.26283	0.210318	2.31548	2.31548	0.342214	1.86345	1.86345	2.39718	15.359	5.6952	1
cg06344116	0.031101	0.654931	-1.52688	0.145287	1.29899	1.29899	0.239394	0.813773	-1.22884	2.39715	1.06217	0.393861	1
cg08882363	0.295622	2.39263	2.39263	0.869076	0.87573	-1.1419	0.722003	1.3329	1.3329	2.39714	24.5649	9.10895	1
cg00668291	0.0137346	0.648373	-1.54232	0.135753	0.795613	-1.25689	0.173623	0.813927	-1.22861	2.39713	0.767861	0.284734	1
cg19334176	0.212037	2.25626	2.25626	0.263601	2.05721	2.05721	0.883019	1.09542	1.09542	2.39713	14.5461	5.3939	1
cg07811940	0.0603548	0.340783	-2.93442	0.794716	1.14171	1.14171	0.595616	0.761683	-1.31288	2.3971	9.80629	3.63636	1
cg09968817	?	?	?	?	?	?	0.0909129	0.45477	-2.19891	3.01013	2.52265	1.6761	1
cg05351785	0.870748	0.920689	-1.08614	0.175454	0.48136	-2.07745	0.234616	0.531412	-1.88178	2.39701	9.77616	3.62531	1
cg22728225	0.567885	0.710748	-1.40697	0.583391	1.3876	1.3876	0.146857	0.398186	-2.51139	2.39701	13.2792	4.92434	1
cg26694616	0.0649536	2.47071	2.47071	0.765704	0.877719	-1.13932	0.645287	1.22421	1.22421	2.39701	7.2312	2.68156	1
cg27350326	0.476806	0.870041	-1.14937	0.207552	0.774331	-1.29144	0.951958	0.988472	-1.01166	2.397	1.40597	0.521381	1
cg06258155	0.00774787	0.63998	-1.56255	0.31324	1.14582	1.14582	0.471456	0.908834	-1.10031	2.397	0.646526	0.239754	1
cg05095252	0.0374673	0.346335	-2.88738	0.510081	1.34106	1.34106	0.0925242	0.443493	-2.25483	2.39699	7.32271	2.71552	1
cg20181312	0.00391586	2.52996	2.52996	0.815457	0.945646	-1.05748	0.945317	1.01653	1.01653	2.39699	2.16932	0.804464	1
cg20031656	0.62851	0.932466	-1.07243	0.0908614	1.30623	1.30623	0.473761	0.900781	-1.11015	2.39697	0.780871	0.289577	1
cg08755218	?	?	?	0.595988	1.34907	1.34907	0.265966	1.91292	1.91292	2.45021	9.451	4.40825	1
cg20112376	0.0744791	0.330312	-3.02744	0.0722983	0.326915	-3.0589	0.0654821	0.315862	-3.16594	2.39695	11.7961	4.37448	1
cg06758211	0.0912649	0.663377	-1.50744	0.657517	0.906234	-1.10347	0.0938779	0.66598	-1.50155	2.39695	1.84847	0.68549	1
cg04553446	0.0203458	0.619591	-1.61397	0.552918	0.902349	-1.10822	0.974948	0.994639	-1.00539	2.39694	1.11233	0.412499	1
cg25282951	0.337918	0.420426	-2.37854	0.112586	0.219802	-4.54955	0.126433	0.234531	-4.26384	2.39693	29.2051	10.8306	1
cg11156873	0.0485957	0.514293	-1.94442	0.673978	0.882588	-1.13303	0.400513	0.775677	-1.2892	2.39693	3.30763	1.22662	1
cg08935243	0.0847679	0.567522	-1.76205	0.224335	0.684335	-1.46127	0.717221	1.11414	1.11414	2.39692	3.35235	1.24321	1
cg11345918	0.338188	0.707605	-1.41322	0.492439	1.27663	1.27663	0.496682	1.27349	1.27349	2.3969	4.65873	1.72768	1
cg18616228	0.305197	0.589613	-1.69603	0.218994	0.525592	-1.90262	0.0274143	0.273023	-3.6627	2.3969	9.39808	3.48527	1
cg19506407	0.15811	0.401705	-2.48939	0.0970855	0.332668	-3.006	0.40189	0.595393	-1.67956	2.39688	13.8672	5.14269	1
cg04640250	0.19401	0.668403	-1.4961	0.175576	0.655562	-1.52541	0.257727	1.41376	1.41376	2.39688	3.26276	1.21	1
cg00097432	0.343117	0.631091	-1.58456	0.0478786	0.344357	-2.90396	0.146565	0.479789	-2.08425	2.39682	8.43194	3.12708	1
cg03800447	0.572159	0.88335	-1.13205	0.338244	1.23925	1.23925	0.71756	1.08213	1.08213	2.39681	1.79236	0.664718	1
cg07811198	0.775883	0.951108	-1.05141	0.0865938	0.717174	-1.39436	0.0406226	1.51465	1.51465	2.3968	1.17083	0.434219	1
cg02113184	0.128083	0.744879	-1.3425	0.650452	0.921571	-1.0851	0.349266	1.1883	1.1883	2.3968	1.21686	0.451291	1
cg27081634	0.267301	2.00794	2.00794	0.279795	0.507753	-1.96946	0.0239646	5.07715	5.07715	2.39679	13.813	5.12275	1
cg26429925	0.0355472	0.346444	-2.88647	0.050902	2.62059	2.62059	0.815367	0.903637	-1.10664	2.39677	7.12326	2.6418	1
cg16792842	0.513251	1.4358	1.4358	0.0747995	2.95251	2.95251	0.180042	2.17436	2.17436	2.39677	11.298	4.19007	1
cg09893100	0.00591021	1.48924	1.48924	0.247813	0.874919	-1.14296	0.51522	1.0757	1.0757	2.39673	0.464279	0.17219	1
cg17591741	0.929522	0.978772	-1.02169	0.567485	0.869207	-1.15047	0.207124	0.724205	-1.38083	2.39673	2.23314	0.828217	1
cg14713933	0.26562	1.45746	1.45746	?	?	?	0.202145	0.645196	-1.54992	2.56119	3.67516	1.25557	1
cg12877378	0.0818151	1.39406	1.39406	0.507702	0.890675	-1.12274	0.755746	0.947663	-1.05523	2.39671	1.12654	0.417809	1
cg00417692	0.307728	1.22008	1.22008	0.658283	1.08748	1.08748	0.23252	1.26601	1.26601	2.39666	1.34728	0.499688	1
cg05450193	0.736208	0.814584	-1.22762	0.825258	1.14353	1.14353	0.105562	0.342176	-2.92247	2.39664	13.9638	5.17903	1
cg23557426	0.0496315	1.79886	1.79886	0.156362	1.4881	1.4881	0.0760032	1.67808	1.67808	2.39664	2.60879	0.967575	1
cg10994126	0.0356833	0.140455	-7.11973	0.181318	0.320008	-3.12492	0.0942869	0.228343	-4.37938	2.3966	24.4701	9.07585	1
cg22136118	0.65389	1.10292	1.10292	0.00923628	2.0487	2.0487	0.986738	0.996399	-1.00361	2.3966	1.78836	0.663296	1
cg21711008	0.0269139	1.42044	1.42044	0.92341	0.987204	-1.01296	0.315943	0.870353	-1.14896	2.39658	0.68076	0.252493	1
cg09117622	0.171969	1.46987	1.46987	0.0171928	2.1578	2.1578	0.985001	0.995033	-1.00499	2.39655	2.66363	0.98795	1
cg11123583	0.844666	1.0984	1.0984	0.0614279	0.364878	-2.74064	0.826255	0.90016	-1.11091	2.3965	8.68863	3.22272	1
cg11702448	0.498628	1.34887	1.34887	0.819077	1.10497	1.10497	0.181395	0.538956	-1.85544	2.39649	7.20405	2.67207	1
cg20520365	0.133308	1.23008	1.23008	0.701023	1.05057	1.05057	0.497386	0.91567	-1.0921	2.39647	0.620604	0.230192	1
ch.19.1271107F	0.373697	0.778487	-1.28454	0.187115	1.46729	1.46729	0.225095	1.41819	1.41819	2.39646	2.85399	1.05859	1
cg21182407	0.0358269	0.61544	-1.62485	0.85175	0.963496	-1.03789	0.152669	0.737516	-1.3559	2.39645	1.49949	0.556191	1
cg24047377	0.011372	0.168769	-5.92527	0.1311	0.400369	-2.4977	0.385041	0.606474	-1.64888	2.39645	11.9679	4.43911	1
cg00682802	0.0772484	1.38829	1.38829	0.146275	0.770699	-1.29752	0.620369	0.919992	-1.08697	2.39643	1.05862	0.392666	1
cg12385811	0.069528	0.34784	-2.87488	0.0301513	0.265463	-3.767	0.516602	0.710291	-1.40787	2.39643	10.2699	3.80935	1
cg03064400	0.125688	0.475047	-2.10506	0.515564	1.34466	1.34466	0.12293	2.11851	2.11851	2.39639	7.65747	2.84037	1
cg07791476	0.849215	1.05364	1.05364	0.732507	0.910113	-1.09877	0.692377	0.896582	-1.11535	2.39639	2.86043	1.06102	1
cg08552519	0.203773	0.837151	-1.19453	0.0331546	0.718902	-1.39101	0.0389549	1.37264	1.37264	2.39639	0.666514	0.247229	1
cg25783326	0.229937	0.618819	-1.61598	0.951035	1.02367	1.02367	0.0153526	0.321845	-3.10709	2.39637	5.51003	2.04384	1
cg07980404	0.00988653	0.147843	-6.76393	0.854537	0.897963	-1.11363	0.0282617	0.218941	-4.56745	2.39636	13.053	4.84176	1
cg06841662	0.129139	1.29568	1.29568	0.810226	1.03873	1.03873	0.890813	0.978536	-1.02193	2.39636	0.947108	0.351313	1
cg02935154	0.976007	0.969714	-1.03123	0.017772	19.0559	19.0559	0.839487	1.23047	1.23047	2.39634	39.6894	14.7223	1
cg23435387	0.914286	1.03198	1.03198	0.311079	0.7361	-1.35851	0.148479	0.635659	-1.57317	2.39632	3.24366	1.2032	1
cg19821589	0.00686891	0.426552	-2.34438	0.0572462	0.592383	-1.6881	0.262581	0.752515	-1.32888	2.39624	2.24875	0.834178	1
cg00171166	0.572648	1.54878	1.54878	0.23378	2.60629	2.60629	0.372306	2.0196	2.0196	2.39621	22.3487	8.2904	1
cg06508379	0.969457	1.01272	1.01272	0.257687	1.47665	1.47665	0.0186833	2.5616	2.5616	2.3962	4.13264	1.53304	1
cg04923840	0.0920784	0.44534	-2.24548	0.673241	1.20325	1.20325	0.0949448	0.449102	-2.22666	2.39619	7.22191	2.67903	1
cg26189472	0.0276691	1.65085	1.65085	0.955163	0.989232	-1.01089	0.0232859	0.593266	-1.68558	2.39613	1.40708	0.521983	1
cg27091233	0.625469	1.06223	1.06223	0.121056	1.22912	1.22912	0.418337	1.10681	1.10681	2.39613	0.571474	0.211999	1
cg13454407	0.0715825	0.618131	-1.61778	0.0124165	2.10434	2.10434	0.853077	1.04532	1.04532	2.3961	2.16951	0.804832	1
cg27098620	0.666947	1.16795	1.16795	0.934364	0.970895	-1.02998	0.359846	0.713485	-1.40157	2.39608	4.87996	1.81035	1
cg11884243	0.493739	0.806222	-1.24035	0.696079	0.885447	-1.12937	0.188047	0.649002	-1.54083	2.39605	3.64499	1.35222	1
cg17071639	0.399093	0.90959	-1.0994	0.992413	0.998957	-1.00104	0.283452	1.13012	1.13012	2.39604	0.457239	0.169627	1
cg10315249	0.86028	1.06767	1.06767	0.251105	1.56149	1.56149	0.0222277	2.76926	2.76926	2.39604	5.24134	1.94444	1
cg03321558	0.0541022	0.337194	-2.96565	0.0907823	2.52577	2.52577	0.192088	0.503267	-1.98702	2.39604	9.38392	3.48127	1
cg05706898	0.0785379	0.283089	-3.53246	0.938763	0.951589	-1.05087	0.357197	0.542505	-1.8433	2.39602	15.8283	5.87209	1
cg02884024	0.0673722	0.685119	-1.4596	0.261341	0.805643	-1.24124	0.597474	1.10331	1.10331	2.39602	1.29169	0.479201	1
cg10510604	0.895058	0.935944	-1.06844	0.0246993	3.82502	3.82502	0.893209	1.0697	1.0697	2.39594	9.54807	3.54232	1
cg02378861	0.00523726	0.170429	-5.86753	0.667558	0.812542	-1.23071	0.0874471	0.403957	-2.47551	2.39594	8.75849	3.24939	1
cg06657741	0.964862	1.01838	1.01838	0.512381	1.31617	1.31617	0.220695	1.70292	1.70292	2.39593	6.48708	2.4067	1
cg14785449	0.0739769	3.37702	3.37702	0.873576	0.90727	-1.10221	0.485966	0.648787	-1.54134	2.44911	11.2672	5.25775	1
cg07218344	0.0915422	0.663249	-1.50773	0.115166	1.46015	1.46015	0.221094	1.32878	1.32878	2.39593	1.8532	0.687539	1
cg25449440	0.654186	1.76155	1.76155	0.125215	0.124441	-8.03596	0.0416037	0.0523411	-19.1055	2.39591	59.8347	22.1988	1
cg06100570	0.203636	0.453306	-2.20602	0.32899	0.55208	-1.81133	0.0492968	0.266306	-3.75508	2.39591	13.1936	4.89487	1
cg11211965	0.0756999	0.438105	-2.28256	0.626313	0.814776	-1.22733	0.266233	0.616572	-1.62187	2.39589	6.61232	2.45321	1
cg06731730	0.0764198	1.3067	1.3067	0.397829	0.889153	-1.12467	0.192942	0.829455	-1.20561	2.39588	0.698857	0.25928	1
cg19356515	0.0211462	0.445524	-2.24455	0.0223561	0.450103	-2.22172	0.891365	1.04066	1.04066	2.39586	3.2276	1.19747	1
cg01198359	0.0754874	1.45085	1.45085	0.638458	0.914841	-1.09309	0.91478	1.02034	1.02034	2.39585	1.34214	0.497948	1
cg18099423	0.740533	1.10178	1.10178	0.702047	1.11864	1.11864	0.0602763	0.538997	-1.8553	2.3958	3.22807	1.19768	1
cg13112524	0.750955	1.07879	1.07879	0.00688007	2.30129	2.30129	0.188071	1.39409	1.39409	2.39579	2.15283	0.798745	1
cg05261289	0.147766	0.866016	-1.15471	0.989782	0.998815	-1.00119	0.136166	1.16037	1.16037	2.39579	0.325573	0.120795	1
cg20482337	0.782787	1.02654	1.02654	0.0307892	1.27184	1.27184	0.551596	1.05876	1.05876	2.39578	0.340998	0.126518	1
cg01751892	0.296036	1.28821	1.28821	0.34152	0.795267	-1.25744	0.23735	0.748761	-1.33554	2.39575	2.07281	0.769068	1
cg02193861	0.818325	0.963835	-1.03752	0.481826	0.891853	-1.12126	0.88113	0.976329	-1.02425	2.39575	0.972499	0.360824	1
cg08595102	0.0246463	0.69209	-1.4449	0.461847	1.10852	1.10852	0.666716	1.0614	1.0614	2.3957	0.717795	0.266327	1
cg25260865	0.0945539	0.408385	-2.44867	0.260048	0.564094	-1.77276	0.236093	1.83134	1.83134	2.39569	9.01113	3.34346	1
cg01293723	0.0258201	0.416004	-2.40382	0.0597547	0.494612	-2.02179	0.256087	0.675125	-1.48121	2.39568	4.16669	1.546	1
cg10688500	0.0726011	0.731394	-1.36725	0.250212	0.828917	-1.20639	0.663964	1.07064	1.07064	2.39566	0.925225	0.343296	1
cg22318551	0.0222971	1.98336	1.98336	0.781424	1.07202	1.07202	0.202553	0.714347	-1.39988	2.39558	2.37197	0.880129	1
cg16572908	0.129185	1.44089	1.44089	0.367581	0.813678	-1.22899	0.322787	1.25549	1.25549	2.39558	1.88301	0.698698	1
cg09317899	0.306308	0.858568	-1.16473	0.119435	0.784055	-1.27542	0.15035	1.24853	1.24853	2.39558	0.786454	0.291817	1
cg02468627	0.121588	0.552207	-1.81092	0.518957	0.793469	-1.26029	0.0744812	2.02002	2.02002	2.39553	4.74977	1.76245	1
cg26964907	0.165997	0.702004	-1.42449	0.318357	1.28021	1.28021	0.219035	1.3629	1.3629	2.39553	2.1766	0.807654	1
cg06475764	0.00519181	0.53853	-1.85691	0.28994	0.831706	-1.20235	0.230562	0.809758	-1.23494	2.39547	1.06791	0.396272	1
cg14409032	0.0118297	0.388421	-2.57453	0.179497	0.651168	-1.5357	0.917554	1.03165	1.03165	2.39547	3.43468	1.27451	1
cg23202053	0.0465859	2.08458	2.08458	0.892966	0.957536	-1.04435	0.628238	0.854472	-1.17031	2.39544	3.94153	1.4626	1
cg14597804	0.0409064	0.404406	-2.47276	0.996184	1.00184	1.00184	0.121856	0.525519	-1.90288	2.39544	5.58439	2.07223	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25773447	TTC3;TTC3	0.116475	0.036874	0.642866	-1.55553	0.98748	0.997144	-1.00286	0.797847	1.04789	1.04789	0.573122	0.901438	-1.10934	0.678522	1.07892	1.07892	0.267191	1.2345	1.2345	0.0212439	1.65649	1.65649	0.232673	1.2562	1.2562	0.261629	0.807878	-1.23781	2.39544	1.26013	0.467604	1
cg08809979	COG8;NIP7;NIP7	0.116477	0.10872	0.784448	-1.27478	0.124605	1.25952	1.25952	0.518794	1.09502	1.09502	0.805543	1.03482	1.03482	0.600749	0.929345	-1.07603	0.821945	0.969205	-1.03177	0.0116706	0.645735	-1.54862	0.737299	1.04783	1.04783	0.220772	1.19559	1.19559	2.39542	0.730588	0.271105	1
cg27268279	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.116479	0.139383	2.27993	2.27993	0.230888	0.52145	-1.91773	0.055546	0.324933	-3.07755	0.162795	2.16393	2.16393	0.0375576	0.286485	-3.49059	0.413643	1.54186	1.54186	0.655934	1.26153	1.26153	0.519857	1.40214	1.40214	0.731587	0.836615	-1.19529	2.3954	10.1834	3.77888	1
cg24272002	C20orf70	0.116479	0.304137	0.686307	-1.45707	0.422205	0.748277	-1.3364	0.343687	0.708207	-1.41202	0.402	1.35443	1.35443	0.802961	1.09246	1.09246	0.235337	0.644089	-1.55258	0.0128145	0.335073	-2.98443	0.22065	0.634163	-1.57688	0.0215573	0.376727	-2.65445	2.3954	4.74627	1.76125	1
cg26374206	ZNF709;ZNF709	0.11648	0.752277	0.938244	-1.06582	0.0186288	0.563159	-1.7757	0.189279	0.75583	-1.32305	0.589676	1.11584	1.11584	0.0158377	0.55158	-1.81298	0.462065	0.860093	-1.16266	0.592809	0.89703	-1.11479	0.0597343	0.65201	-1.53372	0.511426	0.874529	-1.14347	2.3954	1.53744	0.570516	1
cg13590876	INF2;INF2;INF2	0.116481	0.51244	0.78713	-1.27044	0.00351395	0.240211	-4.163	0.537201	0.798422	-1.25247	0.236162	1.56401	1.56401	0.622514	0.83629	-1.19576	0.467968	0.766381	-1.30483	0.922725	0.965647	-1.03558	0.696009	0.86808	-1.15197	0.448831	1.3206	1.3206	2.39538	4.92481	1.82752	1
cg18783801	ADAMTSL2;ADAMTSL2	0.116481	0.506024	0.910936	-1.09777	0.622087	1.07109	1.07109	0.142679	0.804272	-1.24336	0.18308	0.822595	-1.21566	0.0136526	0.655923	-1.52457	0.224803	1.19274	1.19274	0.605527	1.07468	1.07468	0.206647	1.20217	1.20217	0.530272	1.09187	1.09187	2.39538	0.725011	0.26904	1
cg20072242	LOC399815;FAM24B	0.116482	0.0160254	1.8387	1.8387	0.609022	0.898905	-1.11246	0.834443	1.04419	1.04419	0.0772333	1.5006	1.5006	0.749136	1.06853	1.06853	0.0743647	0.663152	-1.50795	0.360277	0.823399	-1.21448	0.651073	1.09863	1.09863	0.530647	0.87702	-1.14023	2.39537	1.61931	0.600904	1
cg11145108	SRRM3	0.116489	0.0867797	0.385951	-2.591	0.196271	0.502709	-1.98922	0.436963	0.670912	-1.49051	0.938004	0.961604	-1.03993	0.0342342	0.288394	-3.46748	0.83222	0.898724	-1.11269	0.00745499	0.176535	-5.66461	0.958025	0.973857	-1.02684	0.23763	0.536519	-1.86387	2.39531	9.61031	3.56634	1
cg16613029	USP7	0.11649	0.0463753	0.674792	-1.48194	0.0657322	1.42759	1.42759	0.590713	1.09811	1.09811	0.286731	0.826378	-1.2101	0.312861	0.835305	-1.19717	0.437623	0.872411	-1.14625	0.915714	0.981916	-1.01842	0.734899	1.06034	1.06034	0.0276988	0.638479	-1.56622	2.3953	1.12736	0.418361	1
cg08653337	USP24	0.11649	0.303734	0.742732	-1.34638	0.204513	0.688089	-1.4533	0.0262229	0.478896	-2.08814	0.925483	0.974218	-1.02646	0.529041	0.836893	-1.1949	0.117858	1.60666	1.60666	0.249757	1.39913	1.39913	0.852182	1.05346	1.05346	0.0518042	0.539066	-1.85506	2.3953	2.95753	1.09753	1
cg02597128	CXorf41;NUP62CL;CXorf41	0.116491	0.316766	0.418454	-2.38975	0.2069	0.326129	-3.06627	0.897384	1.11473	1.11473	0.608636	0.647453	-1.54451	0.450974	1.90886	1.90886	0.154739	3.60394	3.60394	0.182407	0.30386	-3.29099	0.0107193	14.8713	14.8713	0.865357	1.15356	1.15356	2.39529	26.88	9.97513	1
cg00540941	HLA-DOA	0.116491	0.51339	0.567691	-1.76152	0.0191574	0.0888032	-11.2609	0.353368	0.442328	-2.26076	0.749058	0.76022	-1.31541	0.222348	0.334376	-2.99064	0.558075	0.602918	-1.6586	0.0307503	0.114469	-8.73602	0.0206757	0.0925364	-10.8066	0.114252	0.230501	-4.33838	2.39529	27.6811	10.2724	1
cg26205216	PRELID2;PRELID2;PRELID2	0.116492	0.162013	0.71573	-1.39717	0.7903	1.06152	1.06152	0.108463	0.675556	-1.48026	0.384719	0.81903	-1.22096	0.00793628	0.466484	-2.1437	0.918059	1.02332	1.02332	0.538995	0.869943	-1.1495	0.150265	1.4126	1.4126	0.718956	0.922243	-1.08431	2.39528	1.90351	0.706391	1
cg27360560	TMEM67;TMEM67;TMEM67	0.116494	0.0249545	0.626236	-1.59684	0.311965	1.2014	1.2014	0.130111	1.33217	1.33217	0.130008	0.750588	-1.33229	0.763793	0.948506	-1.05429	0.962705	0.991831	-1.00824	0.0409894	0.661183	-1.51244	0.878379	1.02723	1.02723	0.71801	0.938365	-1.06568	2.39527	1.16738	0.433216	1
cg17512904	DDIT4L	0.116495	0.082374	0.346058	-2.88968	0.0360969	0.260744	-3.83518	0.0310551	0.247609	-4.03862	0.464806	0.663477	-1.50721	0.0421246	0.27492	-3.63742	0.149738	0.426696	-2.34359	0.0467087	0.28482	-3.51099	0.584874	0.7377	-1.35556	0.833623	0.890474	-1.123	2.39525	11.5371	4.28148	1
cg13599886	C9orf130;C9orf102;C9orf130	0.116497	0.0765587	0.748121	-1.33668	0.228348	0.83007	-1.20472	0.905879	0.982727	-1.01758	0.0911806	0.760286	-1.3153	0.0254475	0.676239	-1.47877	0.0528161	0.723086	-1.38296	0.767622	1.04462	1.04462	0.181727	0.811542	-1.23222	0.325731	1.16122	1.16122	2.39524	0.823159	0.30548	1
cg11025974	CACNB4;CACNB4;CACNB4;CACNB4	0.116498	0.327622	1.34271	1.34271	0.243787	0.700718	-1.42711	0.0745913	1.78469	1.78469	0.0422805	1.97818	1.97818	0.806828	1.07406	1.07406	0.945134	0.980129	-1.02027	0.611499	0.861239	-1.16112	0.364001	1.31265	1.31265	0.0177641	2.31777	2.31777	2.39523	3.22629	1.1973	1
cg26218229	ZNF292	0.116499	0.655185	0.87709	-1.14013	0.0310657	0.477843	-2.09274	0.0140141	0.412647	-2.42338	0.641075	0.871979	-1.14682	0.61793	1.15803	1.15803	0.299207	0.73057	-1.36879	0.978345	1.00795	1.00795	0.729284	0.903602	-1.10668	0.0350168	0.488359	-2.04767	2.39522	3.2294	1.19846	1
cg18592964	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.1165	0.164663	0.610965	-1.63676	0.815482	0.925248	-1.08079	0.485646	1.26551	1.26551	0.194199	1.57854	1.57854	0.0251011	0.412496	-2.42427	0.14356	1.686	1.686	0.170928	1.62349	1.62349	0.625571	0.84921	-1.17756	0.213965	0.647337	-1.54479	2.3952	4.19044	1.55512	1
cg10257092	NOTCH4	0.116502	0.139078	0.576044	-1.73598	0.0344698	0.425546	-2.34992	0.00981408	0.322737	-3.0985	0.2368	0.650894	-1.53635	0.320166	0.700563	-1.42742	0.547217	1.23494	1.23494	0.876873	0.947704	-1.05518	0.969778	1.01321	1.01321	0.166776	0.600083	-1.66644	2.39519	4.55283	1.68962	1
cg26421646	SERINC2	0.116504	0.706981	0.900318	-1.11072	0.0504058	0.537895	-1.8591	0.611353	0.867193	-1.15315	0.392838	1.27558	1.27558	0.075404	0.576709	-1.73398	0.736338	0.910311	-1.09853	0.113603	0.619584	-1.61399	0.0124751	0.421309	-2.37356	0.199222	0.685793	-1.45817	2.39517	2.93303	1.0885	1
cg08149193	ALX4	0.116504	0.597154	0.689165	-1.45103	0.0277047	0.162586	-6.15061	0.323033	2.03906	2.03906	0.469722	1.6709	1.6709	0.0609466	0.228958	-4.36762	0.130143	0.319469	-3.13019	0.351818	0.512322	-1.9519	0.150664	2.93049	2.93049	0.717592	1.28855	1.28855	2.39517	18.4814	6.85875	1
cg19116668	PMS2L1	0.116505	0.100846	0.580147	-1.7237	0.129322	0.608623	-1.64305	0.0219189	0.43471	-2.30038	0.887545	1.0438	1.0438	0.0411831	0.489831	-2.04152	0.482369	0.805468	-1.24151	0.0623362	0.529574	-1.88831	0.592455	1.17787	1.17787	0.827135	1.06851	1.06851	2.39516	3.48236	1.29237	1
cg12958891	SORCS2	0.116506	0.213859	0.719727	-1.38942	0.121272	0.655633	-1.52524	0.0349124	0.539171	-1.8547	0.0501585	0.570556	-1.75268	0.0120766	0.455474	-2.19552	0.844772	1.05049	1.05049	0.666219	0.896687	-1.11522	0.827958	0.946778	-1.05621	0.376028	0.795896	-1.25645	2.39515	2.3953	0.888943	1
cg01560069	FOXN1	0.116509	0.55749	0.830556	-1.20401	0.718507	1.11995	1.11995	0.00986343	0.360369	-2.77493	0.726427	1.11621	1.11621	0.0274442	0.442041	-2.26223	0.839181	1.06566	1.06566	0.373123	0.751151	-1.33129	0.0995742	0.568409	-1.7593	0.820642	0.931396	-1.07366	2.39513	3.71549	1.37891	1
cg25982743	TIMP4;SYN2;SYN2	0.11651	0.468993	0.691065	-1.44704	0.00625571	0.167459	-5.97162	0.341339	0.611535	-1.63523	0.710359	0.829357	-1.20575	0.110074	0.41747	-2.39538	0.509923	0.715149	-1.39831	0.040632	0.305544	-3.27286	0.0776319	0.373917	-2.67439	0.45509	0.682767	-1.46463	2.39512	9.54296	3.54163	1
cg24728770	FAM20C	0.116513	0.556008	0.849193	-1.17759	0.109073	1.61554	1.61554	0.242668	0.714887	-1.39882	0.199513	0.689299	-1.45075	0.143847	0.649815	-1.5389	0.121624	0.630874	-1.5851	0.032805	1.98464	1.98464	0.69567	1.11395	1.11395	0.916643	0.971671	-1.02916	2.39509	2.85827	1.06079	1
cg25060035	TTYH2	0.116514	0.547602	1.12777	1.12777	0.121628	0.717781	-1.39318	0.0173055	0.563916	-1.77331	0.343808	1.21251	1.21251	0.497882	0.872863	-1.14565	0.570086	0.892781	-1.1201	0.546525	1.12815	1.12815	0.0617299	1.51554	1.51554	0.696541	1.08052	1.08052	2.39508	1.48108	0.549678	1
cg11694641	SLC25A3;SLC25A3;SLC25A3	0.116517	0.800188	0.967323	-1.03378	0.0650654	1.31173	1.31173	0.995083	0.999193	-1.00081	0.363634	0.884884	-1.13009	0.817618	1.03072	1.03072	0.239696	1.17501	1.17501	0.012311	0.664757	-1.50431	0.759745	0.960616	-1.041	0.225525	1.18144	1.18144	2.39505	0.650909	0.241576	1
cg20543681	SCRT2	0.116518	0.101189	3.32518	3.32518	0.757178	1.23074	1.23074	0.811473	1.17346	1.17346	0.307182	2.0292	2.0292	0.951472	1.04158	1.04158	0.118413	3.11053	3.11053	0.00950596	9.01812	9.01812	0.122004	3.07111	3.07111	0.0349641	5.18092	5.18092	2.39504	16.9981	6.30863	1
cg09451188	SLC25A30	0.116521	0.102926	0.209845	-4.76541	0.0116015	0.063191	-15.825	0.0672218	0.166123	-6.01963	0.951423	0.948079	-1.05476	0.1075	0.214959	-4.65206	0.372434	0.448709	-2.22861	0.0640616	0.161822	-6.17963	0.932302	1.07719	1.07719	0.149663	0.258761	-3.86456	2.39502	29.0517	10.7823	1
cg06253072	C6orf125	0.116522	0.656826	0.905231	-1.10469	0.162397	1.39389	1.39389	0.140023	1.42408	1.42408	0.105208	1.48314	1.48314	0.760196	0.934108	-1.07054	0.0632793	1.59212	1.59212	0.979453	1.00575	1.00575	0.0313153	0.56982	-1.75494	0.906261	0.974112	-1.02658	2.39501	1.88051	0.697935	1
cg07704502	DENND4B	0.116524	0.961908	1.03519	1.03519	0.792671	0.826301	-1.21021	0.296805	0.454957	-2.19801	0.409173	0.541567	-1.84649	0.0101854	0.0875558	-11.4213	0.178626	0.351921	-2.84155	0.0866969	0.248721	-4.02056	0.800589	1.20119	1.20119	0.02635	0.14093	-7.09572	2.5366	20.6177	6.32184	1
cg05575304	VGLL4;VGLL4;VGLL4;VGLL4	0.116526	0.499707	1.34502	1.34502	0.00822564	4.31657	4.31657	0.03279	2.94586	2.94586	0.114118	2.10339	2.10339	0.675621	0.833548	-1.19969	0.336375	1.53547	1.53547	0.571171	1.28094	1.28094	0.13001	2.02901	2.02901	0.821195	1.10289	1.10289	2.39497	7.09929	2.63489	1
cg01595997	CFB	0.116526	0.536689	1.87475	1.87475	0.226543	0.279278	-3.58066	0.407817	0.427181	-2.34093	0.288191	0.330322	-3.02735	0.008266	0.0336198	-29.7444	0.758815	0.733906	-1.36257	0.231524	0.28347	-3.52771	0.533973	0.531114	-1.88284	0.0229915	0.0650952	-15.3621	2.39497	38.2783	14.2069	1
cg14273027	KLHL1;ATXN8OS	0.116527	0.341716	0.540594	-1.84982	0.157999	0.387631	-2.57978	0.562903	0.692645	-1.44374	0.714685	0.794123	-1.25925	0.585441	0.707645	-1.41314	0.235107	0.45781	-2.18431	0.116675	0.34293	-2.91605	0.0100886	7.67709	7.67709	0.927163	0.944211	-1.05909	2.39496	14.9519	5.5494	1
cg04212338	FRMD8	0.11653	0.669093	1.08932	1.08932	0.0475122	0.636957	-1.56996	0.599907	0.900037	-1.11106	0.873514	1.03221	1.03221	0.802405	1.05116	1.05116	0.538126	1.13206	1.13206	0.0474915	1.57005	1.57005	0.816715	1.04728	1.04728	0.0203302	1.74467	1.74467	2.39493	1.50188	0.557428	1
cg13511777	NAV2;NAV2;NAV2;NAV2	0.116532	0.194681	0.637306	-1.5691	0.0856283	1.86623	1.86623	0.0974603	1.81703	1.81703	0.898178	1.04294	1.04294	0.293618	0.699249	-1.43011	0.285201	1.43983	1.43983	0.0624149	0.502215	-1.99118	0.185173	1.58635	1.58635	0.422828	0.764256	-1.30846	2.39492	4.09042	1.51819	1
cg15673616	CUX1;CUX1;CUX1	0.116534	0.547162	0.784357	-1.27493	0.466142	0.744023	-1.34404	0.0518673	0.413942	-2.4158	0.00459189	0.222186	-4.50072	0.0867422	0.470361	-2.12603	0.174258	0.562015	-1.77931	0.691846	0.853141	-1.17214	0.460343	0.741054	-1.34943	0.535789	0.778804	-1.28402	2.39489	6.02918	2.23779	1
cg18056303	ULK2;ULK2	0.11654	0.0549849	0.404136	-2.47442	0.990647	0.995131	-1.00489	0.574359	1.26652	1.26652	0.506987	0.755562	-1.32352	0.0882133	0.456909	-2.18862	0.533446	1.30032	1.30032	0.137942	0.514229	-1.94466	0.0142378	0.28397	-3.5215	0.157632	0.533073	-1.87592	2.39484	6.57498	2.44042	1
cg12862977	STRA8	0.11654	0.982652	0.995625	-1.00439	0.926149	1.01887	1.01887	0.498481	0.870608	-1.14862	0.136473	0.723608	-1.38196	0.046346	0.631159	-1.58439	0.334324	0.818088	-1.22236	0.0258812	1.7047	1.7047	0.491867	1.15116	1.15116	0.162579	0.740362	-1.35069	2.39484	1.54227	0.572439	1
cg09318256	AGPAT4	0.116541	0.0309392	0.557007	-1.79531	0.360508	1.2425	1.2425	0.020801	0.525876	-1.90159	0.691561	0.91201	-1.09648	0.0775183	0.635584	-1.57336	0.317891	0.787845	-1.26929	0.84195	1.04719	1.04719	0.935852	1.01877	1.01877	0.129361	0.684896	-1.46008	2.39483	2.02341	0.751029	1
cg06630455	TFAP2A;TFAP2A;TFAP2A	0.116541	0.173905	0.621709	-1.60847	0.495407	0.796577	-1.25537	0.503956	0.800268	-1.24958	0.943294	1.02365	1.02365	0.190976	0.634496	-1.57605	0.315754	1.40606	1.40606	0.0506757	0.481145	-2.07837	0.0250313	2.40112	2.40112	0.373853	0.740883	-1.34974	2.39483	4.09415	1.51963	1
cg26399773	HMGCR;HMGCR	0.116545	0.00606528	0.534459	-1.87105	0.409439	1.15891	1.15891	0.665757	0.926835	-1.07894	0.197331	0.788004	-1.26903	0.528195	1.1182	1.1182	0.83231	1.03776	1.03776	0.145505	0.760912	-1.31421	0.164115	0.771399	-1.29635	0.9588	1.00907	1.00907	2.3948	1.15919	0.430261	1
cg02646854	C11orf2	0.116548	0.690678	0.917361	-1.09008	0.141409	0.711047	-1.40638	0.0904778	1.49518	1.49518	0.746393	1.07248	1.07248	0.083292	0.661371	-1.51201	0.679567	1.0937	1.0937	0.330863	0.805446	-1.24155	0.0187302	0.541001	-1.84842	0.640993	1.10658	1.10658	2.39477	1.7637	0.654648	1
cg13582692	NCRNA00171	0.116551	0.440763	0.622365	-1.60677	0.0228472	0.193431	-5.16981	0.0810878	0.311406	-3.21124	0.78103	1.18305	1.18305	0.0413201	0.241796	-4.13572	0.0577863	0.274168	-3.64739	0.142072	0.385925	-2.59118	0.107915	0.347096	-2.88105	0.146539	0.390613	-2.56008	2.39474	13.8008	5.12263	1
cg08285587	LOC100128822	0.116552	0.444433	0.876526	-1.14087	0.233397	1.23516	1.23516	0.30261	1.19783	1.19783	0.302466	1.1979	1.1979	0.547999	1.10823	1.10823	0.569982	0.90751	-1.10192	0.0476239	0.681859	-1.46658	0.666431	1.07606	1.07606	0.0194573	0.620329	-1.61205	2.39473	1.08379	0.402288	1
cg18708013	ZC3H12D	0.116554	0.147036	0.462945	-2.16008	0.0276533	0.275668	-3.62756	0.0176212	0.239536	-4.17475	0.475593	0.698354	-1.43194	0.0640557	0.357027	-2.80091	0.516003	0.721854	-1.38532	0.2068	0.517411	-1.9327	0.0792231	0.381228	-2.6231	0.822912	1.11732	1.11732	2.39471	9.28918	3.44803	1
cg16342332	POU5F1B	0.116557	0.92406	1.03259	1.03259	0.175479	0.615966	-1.62347	0.238347	0.66008	-1.51497	0.795557	0.916372	-1.09126	0.0123178	0.350528	-2.85284	0.832455	1.07385	1.07385	0.102897	0.548736	-1.82237	0.345168	0.721071	-1.38683	0.0208974	0.392622	-2.54698	2.39469	4.29047	1.59259	1
cg09239144	SCN3B;SCN3B;SCN3B	0.116557	0.407196	1.22412	1.22412	0.328925	1.27167	1.27167	0.854875	0.95727	-1.04464	0.198548	1.38275	1.38275	0.894462	1.03216	1.03216	0.148623	1.44703	1.44703	0.00682472	0.433494	-2.30683	0.946922	1.01601	1.01601	0.948717	1.01546	1.01546	2.39469	2.15762	0.800892	1
cg08113459	BANP;BANP	0.116558	0.601626	0.897936	-1.11367	0.0775983	0.669711	-1.49318	0.0208468	0.566417	-1.76548	0.401337	0.838985	-1.19192	0.778844	1.05923	1.05923	0.192354	0.754257	-1.32581	0.0552006	1.55932	1.55932	0.633558	0.906504	-1.10314	0.313171	0.807984	-1.23765	2.39468	1.58428	0.588074	1
cg11138362	PRDM16;PRDM16	0.116558	0.304518	0.574325	-1.74117	0.38952	1.58388	1.58388	0.821919	1.12476	1.12476	0.843944	1.10825	1.10825	0.0204876	0.233131	-4.28943	0.229349	1.93059	1.93059	0.126035	2.37098	2.37098	0.154685	0.451849	-2.21313	0.167927	0.46467	-2.15206	2.39468	10.3153	3.82897	1
cg01334549	NFATC2;NFATC2;NFATC2	0.116559	0.0276578	0.301267	-3.31931	0.259753	0.581738	-1.71899	0.220263	0.552163	-1.81106	0.12705	0.46746	-2.13922	0.0131774	0.242631	-4.12148	0.338984	0.63498	-1.57485	0.549776	0.756645	-1.32162	0.0527125	0.362467	-2.75887	0.104452	0.441378	-2.26563	2.39467	8.05343	2.98939	1
cg20769842	MKRN3	0.116559	0.101224	0.376173	-2.65835	0.0607864	0.316155	-3.163	0.953362	0.968639	-1.03238	0.611784	0.756667	-1.32159	0.0627074	0.319506	-3.12983	0.145509	0.42679	-2.34307	0.0103521	0.172142	-5.80915	0.105299	0.38132	-2.62247	0.36176	0.600064	-1.66649	2.39467	11.2562	4.17824	1
cg18009325	SYN1;TIMP1;SYN1	0.116559	?	?	?	0.923335	0.918616	-1.08859	0.0156465	0.0732932	-13.6438	0.547637	0.584723	-1.71021	0.178895	0.283846	-3.52304	0.0256907	0.096632	-10.3485	0.936166	1.0732	1.0732	0.92722	0.922589	-1.08391	0.0857168	0.187314	-5.33862	2.41844	26.4798	10.9491	1
cg25982483	OR9Q1;OR9I1	0.116562	0.625817	1.60739	1.60739	0.689398	0.678407	-1.47404	0.0664545	0.136991	-7.29975	0.968087	1.03939	1.03939	0.0292437	0.0836705	-11.9516	0.120347	0.196472	-5.08978	0.473459	0.494527	-2.02214	0.423245	0.453867	-2.20329	0.0132581	0.0515914	-19.3831	2.39464	35.3755	13.1314	1
cg24113784	SMCR7;SMCR7;SMCR7	0.116563	0.151917	0.607737	-1.64545	0.0678367	0.514986	-1.9418	0.039289	0.461294	-2.16782	0.301855	0.70678	-1.41487	0.0103343	0.350579	-2.85242	0.146131	0.602793	-1.65894	0.612078	0.847118	-1.18047	0.302552	0.707159	-1.41411	0.0869278	0.541536	-1.8466	2.39463	3.99209	1.48186	1
cg21739289	EHD1;EHD1	0.116564	0.328941	1.11541	1.11541	0.735531	1.03743	1.03743	0.0916294	1.22304	1.22304	0.52894	1.07159	1.07159	0.201907	0.8641	-1.15727	0.497291	1.07756	1.07756	0.456767	0.92113	-1.08562	0.0206972	1.35252	1.35252	0.0373023	1.29953	1.29953	2.39462	0.445637	0.165421	1
cg16090392	AFF1;AFF1;AFF1	0.116565	0.478626	0.909091	-1.1	0.0435897	1.35935	1.35935	0.171437	1.21247	1.21247	0.890081	0.98187	-1.01846	0.0367267	1.37864	1.37864	0.311844	1.14848	1.14848	0.46149	1.10428	1.10428	0.128165	0.804437	-1.24311	0.323073	0.87367	-1.1446	2.39461	0.663981	0.246472	1
cg20367077	CSRP3;CSRP3	0.116568	0.386964	0.793588	-1.2601	0.274478	0.743465	-1.34505	0.0340335	0.524658	-1.90601	0.151902	0.670192	-1.49211	0.100701	0.625801	-1.59795	0.0129824	0.44766	-2.23384	0.628633	1.13548	1.13548	0.308795	0.759871	-1.31601	0.611377	1.14292	1.14292	2.39458	2.57757	0.956815	1
cg17272126	HPX	0.116569	0.14365	0.364674	-2.74218	0.350157	0.539343	-1.85411	0.152673	0.374035	-2.67355	0.0758081	0.281199	-3.5562	0.0253549	0.181504	-5.50951	0.222107	0.438754	-2.27918	0.248256	0.46075	-2.17038	0.0154752	0.148535	-6.73244	0.0683347	0.269753	-3.7071	2.39457	15.6315	5.80256	1
cg14636077	SMCR5;RAI1	0.11657	0.462447	0.739786	-1.35174	0.0107884	3.63448	3.63448	0.025711	2.90803	2.90803	0.919883	1.04137	1.04137	0.347795	0.677393	-1.47625	0.940348	0.970295	-1.03061	0.366073	1.45378	1.45378	0.907296	0.954146	-1.04806	0.868636	1.06897	1.06897	2.39457	6.15711	2.28559	1
cg14376275	DNM3;DNM3	0.11657	0.719665	0.95063	-1.05193	0.399102	1.12893	1.12893	0.533789	1.09257	1.09257	0.172406	0.815444	-1.22633	0.0735179	0.755558	-1.32353	0.116088	0.786694	-1.27114	0.429043	0.892782	-1.12009	0.0336691	1.41695	1.41695	0.287188	1.16795	1.16795	2.39456	0.748435	0.277828	1
cg09665351	SHROOM2	0.116573	0.0532423	6.24419	6.24419	0.468626	1.84967	1.84967	0.985799	0.985265	-1.01496	0.843986	0.848454	-1.17861	0.904277	0.904525	-1.10555	0.151489	3.60318	3.60318	0.0375401	7.4834	7.4834	0.0180742	10.9681	10.9681	0.0924751	4.68505	4.68505	2.39454	26.3826	9.7936	1
cg23261443	CUX1;CUX1;CUX1	0.116574	0.970836	0.98972	-1.01039	0.639484	1.14265	1.14265	?	?	?	0.481373	0.816861	-1.2242	0.16792	0.660082	-1.51496	0.542554	1.19033	1.19033	0.0180872	0.444196	-2.25126	0.0830356	1.72023	1.72023	0.197675	0.680536	-1.46943	2.41831	2.71988	1.1247	1
cg03112087	RNF150	0.116577	0.113231	0.583325	-1.71431	0.00700501	0.336064	-2.97562	0.97425	1.01014	1.01014	0.918076	0.968339	-1.0327	0.663861	0.872198	-1.14653	?	?	?	0.552001	0.828482	-1.20703	0.0449459	0.486937	-2.05366	0.522755	0.816642	-1.22453	2.41827	3.32916	1.37667	1
cg23870148	VARS	0.116582	0.171677	2.22882	2.22882	0.555375	0.719968	-1.38895	0.0182224	0.206232	-4.84892	0.0374381	3.78133	3.78133	0.853788	0.90338	-1.10695	0.254005	1.92725	1.92725	0.822024	1.13212	1.13212	0.729664	0.826068	-1.21055	0.724602	0.82297	-1.21511	2.39446	11.5051	4.27103	1
ch.15.1530357	POLG;POLG	0.116584	0.483446	0.776206	-1.28832	0.0448197	0.440781	-2.2687	0.116874	0.545544	-1.83303	0.099729	0.52638	-1.89977	0.339126	1.41974	1.41974	0.0133528	0.336147	-2.97489	0.782628	1.10338	1.10338	0.395693	0.73388	-1.36262	0.480119	0.77466	-1.29089	2.39444	4.7985	1.78135	1
cg22508615	KIF11	0.116586	0.0862189	0.363807	-2.74871	0.309062	0.570338	-1.75335	0.00916607	0.171164	-5.84235	0.45223	1.50456	1.50456	0.0778861	0.351667	-2.8436	0.45104	0.663905	-1.50624	0.107754	0.392118	-2.55025	0.904284	0.937847	-1.06627	0.221405	0.503784	-1.98498	2.39442	10.7897	4.00551	1
cg09337121	PPP1R3E	0.116589	0.142865	0.547365	-1.82693	0.238706	1.60356	1.60356	0.962707	0.982266	-1.01805	0.790844	0.903283	-1.10707	0.0962918	0.497164	-2.01141	0.435795	0.737669	-1.35562	0.0324123	0.383492	-2.60761	0.0265795	0.365728	-2.73427	0.137446	0.542165	-1.84446	2.39439	5.5534	2.06163	1
cg07061867	C3orf63	0.116591	0.0544055	1.2699	1.2699	0.622811	0.947173	-1.05577	0.950269	1.00685	1.00685	0.788603	1.02986	1.02986	0.0118748	1.41029	1.41029	0.160841	1.17818	1.17818	0.300866	0.889271	-1.12452	0.470194	0.922723	-1.08375	0.265734	1.13537	1.13537	2.39438	0.454456	0.168712	1
cg10671676	GRM6	0.116592	0.254376	0.778518	-1.28449	0.717589	0.926439	-1.0794	0.46782	0.856069	-1.16813	0.286636	0.792341	-1.26208	0.49303	1.15772	1.15772	0.0621825	1.55531	1.55531	0.0202264	1.80231	1.80231	0.684573	1.08971	1.08971	0.175501	0.738562	-1.35398	2.39437	1.67812	0.62299	1
cg03242834	CACNA1A;CACNA1A	0.116593	0.0390622	0.402476	-2.48462	0.0657256	0.45524	-2.19664	0.30859	0.669271	-1.49416	0.413906	0.727401	-1.37476	0.0118882	0.302271	-3.30829	0.471756	0.756589	-1.32172	0.0749963	0.469735	-2.12886	0.0973534	0.499951	-2.0002	0.174412	0.576651	-1.73415	2.39435	5.5064	2.04422	1
cg08479294	PDPR	0.116594	0.498299	1.32295	1.32295	?	?	?	0.0488939	0.400293	-2.49817	0.989976	0.994899	-1.00513	0.490808	1.32966	1.32966	0.72953	1.15177	1.15177	0.0575143	0.417069	-2.39768	0.671473	0.840568	-1.18967	0.0228667	0.330051	-3.02983	2.41811	5.64195	2.33321	1
cg08801806	CPLX2;CPLX2	0.116595	0.667224	1.19951	1.19951	0.00599678	4.52839	4.52839	0.0574801	2.46839	2.46839	0.475776	1.35658	1.35658	0.47896	0.73882	-1.35351	0.153269	1.90244	1.90244	0.239454	1.67879	1.67879	0.290181	1.58673	1.58673	0.992904	0.996267	-1.00375	2.39434	6.70716	2.49001	1
cg10092080	SNORD115-35	0.116597	0.0361648	0.160624	-6.22571	0.0453747	0.179248	-5.57887	0.125186	0.291886	-3.426	0.672018	1.36668	1.36668	0.024916	0.133856	-7.47073	0.873931	1.12343	1.12343	0.412777	0.540229	-1.85107	0.879096	0.894427	-1.11803	0.0821714	0.238328	-4.1959	2.53584	21.1177	6.4771	1
cg26667821	EFNA1;EFNA1	0.116598	0.972043	0.993976	-1.00606	0.603881	1.09444	1.09444	0.115802	1.34274	1.34274	0.0322738	0.649038	-1.54074	0.558118	1.10751	1.10751	0.838402	1.03583	1.03583	0.632986	1.08648	1.08648	0.0591129	1.44399	1.44399	0.0468995	1.48023	1.48023	2.39431	1.12717	0.418462	1
cg11961683	SNTB1	0.116598	0.088559	0.630761	-1.58539	0.759321	1.07829	1.07829	0.875938	0.962404	-1.03906	0.83912	0.951363	-1.05112	0.974321	1.00793	1.00793	0.937759	0.981027	-1.01934	0.00376232	0.383191	-2.60966	0.88828	1.03508	1.03508	0.45226	1.20663	1.20663	2.39431	2.28132	0.846941	1
cg09836921	IFT140	0.116599	0.297317	0.415063	-2.40927	0.927282	1.07712	1.07712	0.0413546	0.147355	-6.78633	0.528911	0.59502	-1.68062	0.206551	0.338168	-2.95711	0.0676563	0.189004	-5.29088	0.0110707	0.0748093	-13.3673	0.990792	0.990652	-1.00944	0.0859028	0.2134	-4.68604	2.3943	25.1156	9.32422	1
cg22639293	GRK7	0.116599	0.205056	0.421186	-2.37425	0.480636	0.629004	-1.58982	0.0284752	5.32232	5.32232	0.232792	2.24592	2.24592	0.782267	0.835975	-1.19621	0.551559	1.47632	1.47632	0.124373	2.93286	2.93286	0.0278036	5.37393	5.37393	0.504666	1.5493	1.5493	2.3943	15.858	5.88733	1
cg11369686	ASAP1	0.116599	0.681703	1.05959	1.05959	0.0290769	0.696954	-1.43481	0.210558	0.830963	-1.20342	0.907761	1.0164	1.0164	0.94697	1.00938	1.00938	0.253687	1.18212	1.18212	0.0195498	1.48594	1.48594	0.565661	1.08492	1.08492	0.873738	0.977926	-1.02257	2.3943	0.747009	0.277329	1
cg21117584	SNIP1	0.1166	0.0412537	0.63958	-1.56353	0.382119	1.18549	1.18549	0.316889	1.21703	1.21703	0.0183576	0.580881	-1.72152	0.716309	0.933067	-1.07173	0.4191	1.16967	1.16967	0.231208	0.787891	-1.26921	0.532792	0.886985	-1.12741	0.424557	1.16743	1.16743	2.39429	1.36644	0.507295	1
cg11388258	CGN	0.116601	0.512425	1.11665	1.11665	0.802504	0.959236	-1.0425	0.816733	0.962182	-1.0393	0.854102	0.969893	-1.03104	0.00432386	0.530758	-1.8841	0.705453	1.06509	1.06509	0.368596	1.16575	1.16575	0.123742	0.758162	-1.31898	0.413093	0.870261	-1.14908	2.39428	1.04582	0.388267	1
cg16201822	LYPD3	0.116602	0.787456	0.920691	-1.08614	0.00843726	0.357545	-2.79685	0.0853796	0.559066	-1.7887	0.641547	1.15414	1.15414	0.935498	1.02506	1.02506	0.527904	1.21597	1.21597	0.264749	1.42676	1.42676	0.364434	0.752042	-1.32971	0.175532	0.643746	-1.55341	2.39427	3.54521	1.31618	1
cg24772920	TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.116606	0.0549164	0.163224	-6.12657	0.535079	0.598211	-1.67165	0.817251	0.827769	-1.20807	0.616385	0.661739	-1.51117	0.931653	0.932364	-1.07254	0.0277462	0.112913	-8.85639	0.209658	2.96891	2.96891	0.17495	3.28396	3.28396	0.14923	3.58349	3.58349	2.53575	26.2037	8.03732	1
cg24470657	GSTA1	0.116609	0.452538	0.64265	-1.55606	0.0973247	0.349516	-2.8611	0.0766692	0.320569	-3.11946	0.113584	0.369826	-2.70398	0.080037	0.325585	-3.0714	0.071853	0.313155	-3.1933	0.0184827	0.19189	-5.21132	0.14818	0.408119	-2.45027	0.0526788	0.280099	-3.57016	2.39421	12.6576	4.69936	1
cg17796043	CRTC3;CRTC3	0.116609	0.0408679	0.299139	-3.34293	0.0551018	0.328914	-3.04031	0.140007	0.444025	-2.25213	0.405794	0.647347	-1.54477	0.0413053	0.300152	-3.33164	0.42219	0.657567	-1.52076	0.161852	2.14632	2.14632	0.30641	0.581915	-1.71846	0.185092	0.487428	-2.05159	2.39421	9.91339	3.68051	1
cg14424625	OSBPL7	0.116609	0.00469849	0.525534	-1.90283	0.0476178	0.67848	-1.47388	0.985473	0.996887	-1.00312	0.588013	1.09818	1.09818	0.72045	1.06346	1.06346	0.65891	0.926756	-1.07903	0.455862	0.878058	-1.13888	0.52966	0.896706	-1.11519	0.381902	0.857653	-1.16597	2.3942	1.11177	0.412763	1
cg09362300	JAKMIP3	0.11661	0.671649	0.91894	-1.08821	0.673549	1.08764	1.08764	0.330592	0.819514	-1.22023	0.557988	1.12464	1.12464	0.00609196	0.49168	-2.03384	0.791855	0.948912	-1.05384	0.139246	1.37096	1.37096	0.33081	0.819592	-1.22012	0.46802	1.15766	1.15766	2.3942	1.49055	0.553393	1
cg01168649	SFI1;SFI1	0.116611	0.686141	1.07428	1.07428	0.980525	0.995704	-1.00431	0.134792	0.752488	-1.32893	0.0565467	1.46336	1.46336	0.046069	1.49658	1.49658	0.193743	1.27447	1.27447	0.523526	1.12078	1.12078	0.139094	0.755177	-1.32419	0.166076	1.29756	1.29756	2.39419	1.17962	0.437957	1
cg07007621	C16orf55;CHMP1A;CHMP1A	0.116611	0.00686586	0.429119	-2.33035	0.298612	1.29743	1.29743	0.946522	1.01634	1.01634	0.421533	0.820005	-1.21951	0.139793	0.681133	-1.46814	0.37037	1.24897	1.24897	0.13764	0.679489	-1.4717	0.571896	0.871052	-1.14804	0.752403	0.926362	-1.07949	2.39419	2.21492	0.822332	1
cg27416283	TMCO3	0.116611	0.706776	0.888297	-1.12575	0.0329861	0.457692	-2.18487	0.346621	0.738035	-1.35495	0.0181823	0.407057	-2.45666	0.858512	1.05752	1.05752	0.861054	0.94657	-1.05645	0.0999518	1.75944	1.75944	0.527535	0.818218	-1.22217	0.564483	1.2003	1.2003	2.39419	3.72494	1.38296	1
cg24765658	CXCL6	0.116612	0.740627	0.965306	-1.03594	0.509105	0.931283	-1.07379	0.121947	1.19506	1.19506	0.866791	0.982314	-1.018	0.0384836	1.29028	1.29028	0.630052	0.949721	-1.05294	0.0168888	0.733591	-1.36316	0.721808	0.962712	-1.03873	0.571846	0.941082	-1.06261	2.39418	0.428429	0.159063	1
cg13229363	PTPRN2;PTPRN2;PTPRN2	0.116613	0.114041	0.408771	-2.44636	0.0195367	0.230248	-4.34314	0.0208862	0.23536	-4.24881	0.557044	0.734136	-1.36215	0.0524435	0.317378	-3.15082	0.218905	0.510243	-1.95985	0.112461	0.406889	-2.45767	0.915968	0.946558	-1.05646	0.493726	0.69651	-1.43573	2.39417	10.268	3.81223	1
cg01348757	PLIN1;PLIN1	0.116614	0.536844	0.766593	-1.30447	0.223139	0.580393	-1.72297	0.274963	0.617082	-1.62053	0.317224	1.55184	1.55184	0.00390873	0.19188	-5.21159	0.899242	1.05532	1.05532	0.865138	1.07492	1.07492	0.648092	1.21569	1.21569	0.619264	0.808235	-1.23726	2.39416	6.84978	2.54314	1
cg13637552	HCCA2	0.116619	0.900308	0.975437	-1.02518	0.0282992	1.67165	1.67165	0.719566	1.07417	1.07417	0.732167	0.9341	-1.07055	0.405787	1.18386	1.18386	0.210757	1.2991	1.2991	0.00816376	1.95776	1.95776	0.770542	0.943616	-1.05975	0.657705	0.915313	-1.09252	2.39411	1.49311	0.554364	1
cg03469079	PDXP	0.116623	0.0681692	0.451344	-2.2156	0.557311	0.7936	-1.26008	0.18909	0.581639	-1.71928	0.273736	0.641698	-1.55836	0.287931	1.53686	1.53686	0.151001	1.82107	1.82107	0.0397216	0.396037	-2.52502	0.291586	1.53151	1.53151	0.467678	1.33355	1.33355	2.39408	5.75266	2.13588	1
cg04977109	NFE2L1	0.116623	0.264296	1.32708	1.32708	0.841342	0.952424	-1.04995	0.0257841	1.90387	1.90387	0.794078	1.06569	1.06569	0.200073	0.719497	-1.38986	0.114605	0.658797	-1.51792	0.243495	1.34554	1.34554	0.116597	1.51388	1.51388	0.177713	1.41673	1.41673	2.39408	2.24274	0.8327	1
cg14461732	C9orf95;OSTF1;C9orf95;C9orf95	0.116625	0.00404203	0.061865	-16.1642	0.931173	1.06424	1.06424	0.840391	0.864729	-1.15643	0.459772	1.72027	1.72027	0.119867	0.296348	-3.37441	0.672315	1.35885	1.35885	0.41897	0.551441	-1.81343	0.595914	1.4707	1.4707	0.627494	0.702962	-1.42255	2.39406	19.6975	7.31346	1
cg01339558	TIPRL;TIPRL	0.116625	0.330203	1.15084	1.15084	0.039633	1.39471	1.39471	0.0336152	1.41483	1.41483	0.793222	0.963935	-1.03741	0.211563	1.20203	1.20203	0.366114	0.878248	-1.13863	0.127432	0.794164	-1.25919	0.462539	1.11023	1.11023	0.212352	1.20161	1.20161	2.39406	0.74125	0.275218	1
cg04518155	C4orf27	0.116629	0.425201	0.857529	-1.16614	0.281148	0.809434	-1.23543	0.2249	0.786164	-1.272	0.0711477	1.46295	1.46295	0.234916	0.790588	-1.26488	0.556017	0.893691	-1.11896	0.0301512	0.618025	-1.61806	0.75957	0.943709	-1.05965	0.108569	1.39147	1.39147	2.39402	1.3507	0.501508	1
cg10643608	DEFB121	0.11663	0.0681283	0.666397	-1.50061	0.446269	0.857056	-1.16679	0.243236	0.784574	-1.27458	0.248443	0.786854	-1.27088	0.016167	0.557321	-1.7943	0.328531	0.818425	-1.22186	0.515921	0.877324	-1.13983	0.237781	0.782149	-1.27853	0.010952	0.530256	-1.88588	2.39402	1.4968	0.555755	1
cg05308979	C1QC;C1QC	0.11663	0.789229	0.922135	-1.08444	0.0315248	0.466254	-2.14475	0.215258	0.673904	-1.48389	0.764679	0.913172	-1.09508	0.0576858	0.522368	-1.91436	0.508767	0.816431	-1.22484	0.431148	1.27521	1.27521	0.0174224	0.416503	-2.40094	0.142257	0.62045	-1.61173	2.39401	3.47103	1.28878	1
cg03044149	GUK1;GUK1	0.116631	0.550957	1.52384	1.52384	0.98318	1.0148	1.0148	0.495661	1.62139	1.62139	0.492925	0.614796	-1.62656	0.00826706	0.086362	-11.5792	0.334045	2.00909	2.00909	0.190104	2.65316	2.65316	0.16623	0.35376	-2.82678	0.68654	1.32707	1.32707	2.53549	19.0948	5.85744	1
cg18915437	USP15	0.116631	0.0356933	0.570305	-1.75345	0.88191	1.03474	1.03474	0.415085	1.21092	1.21092	0.0433134	0.586284	-1.70566	0.559397	0.873182	-1.14524	0.13004	0.686814	-1.456	0.0738368	0.632695	-1.58054	0.917027	1.02423	1.02423	0.231701	1.33399	1.33399	2.39401	2.00112	0.743011	1
cg13178766	PTPRR;PTPRR	0.116632	0.0369547	0.275952	-3.62382	0.22061	0.504427	-1.98245	0.11008	0.396339	-2.52309	0.308229	0.570953	-1.75146	0.0182469	0.218122	-4.5846	0.0996763	0.38333	-2.60872	0.0632084	0.329452	-3.03534	0.0549379	0.31454	-3.17924	0.360615	0.606877	-1.64778	2.394	10.707	3.9755	1
cg24706115	TRPV4;TRPV4	0.116633	0.100755	0.276988	-3.61027	0.0205919	0.136455	-7.32844	0.0381592	0.179767	-5.56275	0.420936	0.555894	-1.7989	0.130433	0.311451	-3.21078	0.141773	0.323615	-3.0901	0.0714663	0.237503	-4.21047	0.0448302	0.193089	-5.17895	0.54762	0.64754	-1.54431	2.39399	19.3381	7.18026	1
cg15412087	OAF	0.116638	0.194798	0.600261	-1.66594	0.0551557	0.445255	-2.2459	0.00862116	0.287504	-3.47821	0.128721	0.542794	-1.84232	0.188407	0.59532	-1.67977	0.549939	0.798423	-1.25247	0.667329	0.851358	-1.17459	0.337325	1.44502	1.44502	0.393762	0.722457	-1.38417	2.39394	5.25113	1.94979	1
cg17774764	SPIB	0.116647	0.798461	1.03855	1.03855	0.0397977	1.42103	1.42103	0.22575	1.20692	1.20692	0.232615	1.20328	1.20328	0.552037	1.09302	1.09302	0.115899	1.28742	1.28742	0.342625	1.15552	1.15552	0.0255294	0.675483	-1.48042	0.666654	1.06616	1.06616	2.39386	0.828657	0.307697	1
cg20919306	MAP2K4	0.116649	0.64157	0.938933	-1.06504	0.268324	0.856443	-1.16762	0.380287	1.12859	1.12859	0.218297	0.840257	-1.19011	0.803331	1.03411	1.03411	0.422157	0.89565	-1.11651	0.0068219	1.60171	1.60171	0.258807	1.17158	1.17158	0.759576	1.04212	1.04212	2.39384	0.68492	0.254327	1
cg08347473	GAA;GAA;GAA	0.116651	0.0467105	0.357056	-2.80068	0.37066	0.659862	-1.51547	0.0663391	0.394049	-2.53776	0.6875	0.832879	-1.20065	0.0138713	0.25286	-3.95476	0.282182	0.60327	-1.65763	0.0664727	0.394272	-2.53632	0.335651	0.638279	-1.56671	0.0582218	0.379845	-2.63266	2.39383	7.75348	2.87907	1
cg08166758	ARHGAP25;ARHGAP25	0.116653	0.478571	1.24116	1.24116	0.0157874	0.411918	-2.42767	0.229615	0.685209	-1.45941	0.303067	0.726211	-1.37701	0.3032	1.37688	1.37688	0.321144	1.35988	1.35988	0.0888115	1.75576	1.75576	0.578299	0.84502	-1.1834	0.640047	1.1517	1.1517	2.39381	3.40961	1.26609	1
cg25943588	CALCA;CALCA;CALCA	0.116654	0.135932	2.73228	2.73228	0.624955	0.734784	-1.36094	0.963571	1.02898	1.02898	0.913561	0.934334	-1.07028	0.221939	0.447986	-2.23221	0.782926	0.841343	-1.18858	0.282569	0.49735	-2.01065	0.00649786	9.14049	9.14049	0.654648	1.3253	1.3253	2.39379	14.8345	5.50852	1
cg19307180	DGKH;DGKH	0.116654	0.162628	0.458042	-2.18321	0.607907	1.31137	1.31137	0.593828	0.754304	-1.32573	0.681468	1.24133	1.24133	0.0106312	0.185886	-5.37964	0.324639	1.7037	1.7037	0.27673	0.552889	-1.80868	0.11497	2.45421	2.45421	0.602177	0.759203	-1.31717	2.39379	10.4024	3.86272	1
cg11574094	SUV39H2	0.116655	0.0447742	0.635143	-1.57445	0.491199	0.871295	-1.14772	0.820737	1.04574	1.04574	0.283714	1.24539	1.24539	0.304728	0.811049	-1.23297	0.0586031	1.52344	1.52344	0.132651	0.726358	-1.37673	0.465037	1.15778	1.15778	0.160467	1.34371	1.34371	2.39379	1.47195	0.546582	1
cg05235143	C10orf88;C10orf88	0.116659	0.328887	1.39869	1.39869	0.511358	1.24832	1.24832	0.15134	0.599333	-1.66852	0.106161	1.79958	1.79958	0.271863	1.46353	1.46353	0.049304	0.473729	-2.11091	0.0803685	1.9076	1.9076	0.917586	0.966123	-1.03506	0.275332	0.685308	-1.4592	2.39375	4.20336	1.56086	1
cg17769836	APOC4	0.116659	0.633501	0.860759	-1.16176	0.807464	0.92662	-1.07919	0.0288553	0.447345	-2.23541	0.924826	1.0299	1.0299	0.00585372	0.324298	-3.08358	0.689899	1.13336	1.13336	0.694657	1.13105	1.13105	0.417771	0.772233	-1.29495	0.783048	0.91745	-1.08998	2.39375	3.69389	1.37168	1
cg25190513	GPR109B;GPR109B	0.11666	0.719469	0.740705	-1.35006	0.657393	1.44986	1.44986	0.906103	0.906467	-1.10318	0.354128	0.452322	-2.21082	0.119014	0.244616	-4.08803	0.270181	0.384626	-2.59993	0.00520891	0.0465092	-21.5011	0.22567	0.346845	-2.88313	0.0716197	0.187483	-5.33383	2.39374	26.2562	9.74996	1
cg01466678	NDRG4;NDRG4;NDRG4	0.11666	0.29612	1.26317	1.26317	0.93822	0.983422	-1.01686	0.402635	1.20287	1.20287	0.308896	0.796839	-1.25496	0.537505	0.874032	-1.14412	0.00409242	0.435717	-2.29506	0.471472	0.853883	-1.17112	0.605907	1.11877	1.11877	0.666183	0.910651	-1.09812	2.39374	1.76309	0.654703	1
cg25398949	RPS6KA5;RPS6KA5	0.116663	0.809533	0.937672	-1.06647	0.0108806	2.34453	2.34453	0.73969	1.09294	1.09294	0.155658	1.49912	1.49912	0.388675	0.790215	-1.26548	0.239944	1.38809	1.38809	0.659005	0.888379	-1.12565	0.0348589	1.92593	1.92593	0.683718	1.11534	1.11534	2.39372	2.69276	0.999935	1
cg20110978	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.116664	0.155414	1.63072	1.63072	0.69166	0.879648	-1.13682	0.692221	1.13654	1.13654	0.344561	0.731117	-1.36777	0.30687	0.711567	-1.40535	0.0582531	1.99064	1.99064	0.128082	1.69755	1.69755	0.068597	0.519055	-1.92658	0.140098	1.66637	1.66637	2.39371	3.92302	1.45679	1
cg04547170	C19orf10	0.116665	0.606621	0.896083	-1.11597	0.479766	1.16388	1.16388	0.407047	1.19623	1.19623	0.333539	1.23456	1.23456	0.221047	1.31228	1.31228	0.0736358	0.656192	-1.52394	0.0158387	0.535607	-1.86704	0.19991	0.75121	-1.33119	0.989001	1.00292	1.00292	2.3937	1.6919	0.62828	1
cg26522157	LMTK3	0.116666	0.00790141	0.0467729	-21.3799	0.862507	0.855722	-1.1686	0.833037	1.20895	1.20895	0.504232	1.8389	1.8389	0.520841	0.557117	-1.79496	0.640117	1.52692	1.52692	0.465702	1.94897	1.94897	0.034586	0.109167	-9.16031	0.959033	0.954877	-1.04726	2.39368	30.6297	11.3743	1
cg06757585	PCDHGA4;PCDHGA1;PCDHGA6;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGA6;PCDHGB2;PCDHGB3	0.116666	0.0510209	7.1456	7.1456	0.0634179	6.34019	6.34019	0.0990891	4.95221	4.95221	0.213056	3.19086	3.19086	0.0444215	7.71058	7.71058	0.281271	2.69352	2.69352	0.415864	2.08715	2.08715	0.0333168	9.03278	9.03278	0.0389156	8.29236	8.29236	2.39368	29.6796	11.0215	1
cg20234855	TMEM185B	0.116668	0.0395562	4.23901	4.23901	0.0839636	3.19048	3.19048	0.109609	2.88144	2.88144	0.37902	1.72903	1.72903	0.50158	1.51258	1.51258	0.558356	1.43206	1.43206	0.821621	1.14684	1.14684	0.00987267	7.22979	7.22979	0.0747541	3.33426	3.33426	2.39367	13.9548	5.18213	1
cg17597195	TMEM126B;DLG2	0.116668	0.858063	1.03242	1.03242	0.467584	1.1408	1.1408	0.359149	1.18298	1.18298	0.255592	1.23555	1.23555	0.831048	0.962637	-1.03881	0.715795	0.936912	-1.06734	0.0138715	0.581674	-1.71918	0.0431127	0.660517	-1.51396	0.403183	1.1647	1.1647	2.39367	1.20411	0.447146	1
cg02482717	TEDDM1;TEDDM1	0.116669	0.0821402	0.327804	-3.0506	0.581883	1.37996	1.37996	0.563279	0.712914	-1.40269	0.910035	0.936639	-1.06765	0.0112771	0.15913	-6.28418	0.37783	0.592138	-1.6888	0.0482746	0.270642	-3.69492	0.2665	0.511479	-1.95511	0.0756343	0.318155	-3.14312	2.39365	12.7135	4.7212	1
cg26652771	PACRG;PACRG;PACRG	0.116675	0.169653	0.558534	-1.7904	0.112247	0.502345	-1.99067	0.817761	0.9122	-1.09625	0.696289	1.16904	1.16904	0.0909036	0.4764	-2.09908	0.29081	0.646325	-1.54721	0.528513	1.28947	1.28947	0.0191642	3.09093	3.09093	0.81597	1.09726	1.09726	2.3936	6.00926	2.2316	1
cg12017007	PHF12;PHF12	0.116675	0.13999	0.831011	-1.20335	0.0474292	1.30262	1.30262	0.322549	0.887698	-1.12651	0.0920388	0.805573	-1.24135	0.108062	0.815141	-1.22678	0.32862	0.889103	-1.12473	0.886464	1.01679	1.01679	0.169539	0.843168	-1.186	0.276053	1.14121	1.14121	2.3936	0.515183	0.191319	1
cg04230910	SLC2A12	0.116677	0.556896	1.09789	1.09789	0.713664	0.943715	-1.05964	0.122845	1.30054	1.30054	0.263734	1.20097	1.20097	0.497315	1.1144	1.1144	0.0538358	0.70885	-1.41074	0.317332	0.850032	-1.17643	0.0460144	1.43252	1.43252	0.102911	1.32374	1.32374	2.39358	0.936662	0.347842	1
cg09714424	LOC643677	0.116678	0.0518788	0.54665	-1.82932	0.9639	1.01243	1.01243	0.50886	1.20077	1.20077	0.0268616	0.4888	-2.04583	0.203303	1.44285	1.44285	0.591808	0.862623	-1.15926	0.0791875	1.70245	1.70245	0.828483	0.942486	-1.06102	0.583153	0.859581	-1.16336	2.39357	2.82555	1.04931	1
cg13846358	NTNG2	0.116682	0.179993	0.386353	-2.58831	0.0309318	0.184115	-5.43138	0.015868	0.139027	-7.19287	0.283778	0.475338	-2.10377	0.185708	0.391729	-2.55279	0.249805	0.447869	-2.2328	0.0934957	0.291696	-3.42822	0.0339335	0.191353	-5.22594	0.385199	0.551789	-1.81229	2.39354	16.9093	6.2796	1
cg03436530	GLCCI1	0.116684	0.173827	2.86164	2.86164	0.0879701	0.254546	-3.92856	0.626744	1.42778	1.42778	0.128559	3.29906	3.29906	0.833695	1.16507	1.16507	0.0140501	0.110441	-9.05464	0.963068	0.966913	-1.03422	0.65921	1.38056	1.38056	0.654852	1.38674	1.38674	2.39352	20.016	7.43338	1
cg27313572	VIM	0.116688	0.365375	0.667093	-1.49904	0.158612	0.518959	-1.92694	0.0273236	0.32091	-3.11613	0.133165	2.02422	2.02422	0.203624	1.7933	1.7933	0.0564517	0.390603	-2.56014	0.618377	0.803644	-1.24433	0.40833	0.692035	-1.44501	0.906734	0.950264	-1.05234	2.39348	7.18215	2.6673	1
cg11970252	KIAA0564	0.116689	0.422244	0.541562	-1.84651	0.00592645	0.0676964	-14.7718	0.0230019	0.13077	-7.64704	0.704618	1.32968	1.32968	0.378858	0.508937	-1.96488	0.624617	0.691462	-1.44621	0.584393	0.661503	-1.51171	0.815315	0.839419	-1.1913	0.948137	1.04987	1.04987	2.39348	21.2168	7.87948	1
cg04398451	MYO15A	0.116689	0.582332	0.715819	-1.397	0.129294	2.68189	2.68189	0.268309	2.00169	2.00169	0.317372	1.86286	1.86286	0.584576	0.71727	-1.39417	0.26155	2.02327	2.02327	0.0130827	6.37654	6.37654	0.0335301	4.45829	4.45829	0.735453	0.815364	-1.22645	2.39347	13.7331	5.10022	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02634544	PFDN5;PFDN5	0.11669	0.285492	0.82537	-1.21158	0.731465	0.942142	-1.06141	0.0547118	1.45792	1.45792	0.826384	0.962708	-1.03874	0.715954	0.938733	-1.06527	0.72386	1.06329	1.06329	0.0129594	0.586505	-1.70502	0.903496	1.02121	1.02121	0.153919	1.30226	1.30226	2.39347	1.13466	0.421391	1
cg22960833	KDM4B	0.11669	0.335877	0.635719	-1.57302	0.437459	1.43561	1.43561	0.0726633	0.400845	-2.49473	0.753723	0.86617	-1.15451	0.300388	1.63213	1.63213	0.481202	1.38658	1.38658	0.0318214	0.317092	-3.15366	0.0593421	2.64253	2.64253	0.891532	1.06426	1.06426	2.39346	7.89958	2.93376	1
cg00298357	IL17B;IL17B	0.116691	0.084864	0.436497	-2.29097	0.123357	0.483786	-2.06703	0.0658851	0.407492	-2.45404	0.179518	0.537829	-1.85933	0.0627929	0.402223	-2.48618	0.340965	0.652531	-1.53249	0.047849	0.373737	-2.67568	0.0176013	0.284648	-3.51312	0.139754	0.50094	-1.99625	2.39346	7.17404	2.66431	1
cg15310568	MAP2;MAP2;MAP2;MAP2	0.116691	0.361946	0.636245	-1.57172	0.479136	0.706693	-1.41504	0.224078	1.85203	1.85203	0.720598	1.18922	1.18922	0.0946096	0.41208	-2.42671	0.0865128	0.401053	-2.49343	0.0363042	0.308991	-3.23634	0.0283729	0.286904	-3.48549	0.572268	0.759303	-1.317	2.39345	8.82609	3.27786	1
cg20046343	FOXP4;FOXP4;FOXP4	0.116693	0.417698	1.48872	1.48872	0.00807769	5.1037	5.1037	0.0795684	2.54705	2.54705	0.906079	1.05835	1.05835	0.384338	1.53505	1.53505	0.109008	2.31581	2.31581	0.0372517	3.19545	3.19545	0.185527	1.9631	1.9631	0.680685	1.21996	1.21996	2.39344	8.75082	3.24993	1
cg02076939	SCN2B	0.116693	0.712661	0.941742	-1.06186	0.662435	1.07388	1.07388	0.00317645	1.92295	1.92295	0.942073	1.01186	1.01186	0.435038	1.13796	1.13796	0.18711	1.25469	1.25469	0.422329	0.875468	-1.14225	0.392825	1.15263	1.15263	0.861215	1.0288	1.0288	2.39344	0.998107	0.370683	1
cg18837429	LTBP2	0.116693	0.994455	1.0027	1.0027	0.972006	0.986473	-1.01371	0.556685	1.2595	1.2595	0.967864	1.01576	1.01576	0.0208291	0.339733	-2.94348	0.0442517	0.407844	-2.45192	0.0826084	2.10876	2.10876	0.192382	0.585378	-1.7083	0.934525	1.0324	1.0324	2.39343	5.70972	2.12051	1
cg06356454	AQP12A	0.116696	0.0837217	0.388135	-2.57642	0.11294	0.4261	-2.34687	0.547215	1.35147	1.35147	0.615214	1.28479	1.28479	0.026411	0.272088	-3.67529	0.158489	0.474565	-2.10719	0.693975	1.21596	1.21596	0.0357599	0.298761	-3.34716	0.824212	0.895831	-1.11628	2.39341	9.26748	3.44185	1
cg11822659	DOK5	0.116697	0.907912	0.987121	-1.01305	0.672413	1.0488	1.0488	0.820742	0.974897	-1.02575	0.0244011	1.35046	1.35046	0.405404	1.10005	1.10005	0.662991	1.05035	1.05035	0.0360407	0.760975	-1.3141	0.355999	0.899108	-1.11221	0.0954534	1.22775	1.22775	2.3934	0.475656	0.176655	1
cg26806835	CLDN22;CLDN22;WWC2	0.116697	0.0325542	0.193727	-5.16191	0.229519	0.437282	-2.28685	0.309832	0.501849	-1.99263	0.108634	0.317253	-3.15206	0.0143492	0.138021	-7.24526	0.103933	0.311477	-3.21052	0.0686772	0.262669	-3.80707	0.652778	0.742961	-1.34597	0.106293	0.314393	-3.18073	2.3934	16.3146	6.05911	1
ch.13.116017F	SACS	0.116698	0.0104784	0.142733	-7.00608	0.166897	0.410459	-2.4363	0.865876	0.902895	-1.10755	0.777295	0.842524	-1.18691	0.0811784	0.310905	-3.21642	0.616009	0.736716	-1.35738	0.0193244	0.180949	-5.52641	0.574272	0.709645	-1.40916	0.237833	0.473694	-2.11107	2.39339	13.8412	5.14051	1
cg04078321	TFB1M	0.116698	0.901188	1.04845	1.04845	0.750839	1.129	1.129	0.166018	0.569738	-1.75519	0.00445806	0.235811	-4.24068	0.414148	1.3743	1.3743	0.26526	0.642631	-1.5561	0.223681	0.61453	-1.62726	0.324636	0.678816	-1.47315	0.478741	0.760126	-1.31557	2.39339	5.49861	2.04215	1
cg23472502	TRERF1	0.116698	0.847696	1.06762	1.06762	0.859836	0.941621	-1.062	0.467637	0.77762	-1.28598	0.373418	1.36473	1.36473	0.602863	1.19559	1.19559	0.15806	1.67132	1.67132	0.00704066	0.305569	-3.27259	0.224096	1.5444	1.5444	0.499566	1.26269	1.26269	2.39339	4.39024	1.63051	1
cg03410065	APBB1;APBB1	0.116699	0.389358	0.740869	-1.34977	0.428365	1.31642	1.31642	0.014098	2.80167	2.80167	0.560599	0.818665	-1.2215	0.383183	0.73782	-1.35534	0.97396	0.988963	-1.01116	0.0749806	0.509543	-1.96254	0.160935	0.601007	-1.66387	0.398795	0.745484	-1.34141	2.39338	4.38224	1.62754	1
cg21311644	UXS1	0.116702	0.510359	0.764114	-1.3087	0.600367	0.80817	-1.23736	0.170323	0.555222	-1.80108	0.105771	0.490705	-2.03788	0.118464	0.505142	-1.97964	0.0600118	0.425339	-2.35107	0.0118143	0.281762	-3.54909	0.910398	0.955655	-1.0464	0.0396944	0.383541	-2.60728	2.39335	6.1537	2.28548	1
cg25389470	DLL1;DLL1	0.116707	0.224459	1.43048	1.43048	0.710191	0.900572	-1.1104	0.77304	1.08451	1.08451	0.0190035	0.450808	-2.21824	0.250807	1.40026	1.40026	0.559618	1.18001	1.18001	0.0384684	0.510294	-1.95966	0.460955	1.23441	1.23441	0.503928	0.826727	-1.20959	2.39331	2.98371	1.10817	1
cg02829712	PCDHA6;PCDHA2;PCDHA1;PCDHA10;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA3;PCDHA4;PCDHA10;P	0.11671	0.0551092	5.28942	5.28942	0.086496	4.26498	4.26498	0.113594	3.73862	3.73862	0.210084	2.75029	2.75029	0.60175	1.49679	1.49679	0.394045	0.512376	-1.95169	0.235997	2.58881	2.58881	0.0171363	9.25693	9.25693	0.107884	3.83351	3.83351	2.39329	22.2387	8.25967	1
cg07462406	SLC10A7;SLC10A7	0.11671	0.105894	0.76856	-1.30113	0.208687	0.820754	-1.21839	0.156683	0.797886	-1.25331	0.238868	0.832058	-1.20184	0.827823	0.968057	-1.033	0.975375	0.99541	-1.00461	0.106583	1.30034	1.30034	0.0128656	0.631054	-1.58465	0.853959	0.972911	-1.02784	2.39329	0.842028	0.312737	1
cg24365518	LRRC33	0.11671	0.680093	0.924859	-1.08125	0.0331046	1.59899	1.59899	0.1128	1.3843	1.3843	0.752278	0.942088	-1.06147	0.622798	1.09791	1.09791	0.416127	1.1695	1.1695	0.0591221	0.669332	-1.49403	0.67581	1.08246	1.08246	0.0571273	1.50004	1.50004	2.39328	1.34539	0.499692	1
cg15104031	S100A14	0.116711	0.202018	0.633271	-1.5791	0.141783	1.7087	1.7087	0.0875014	0.527436	-1.89596	0.0667032	2.00819	2.00819	0.196565	0.629352	-1.58893	0.0787674	1.93879	1.93879	0.56207	1.21994	1.21994	0.865496	1.05918	1.05918	0.684294	0.870543	-1.14871	2.39328	4.35945	1.61915	1
cg17936145	IFIT2	0.116713	0.376525	0.799849	-1.25024	0.296077	1.30557	1.30557	0.362838	1.25881	1.25881	0.525235	0.85348	-1.17167	0.127935	0.666957	-1.49935	0.112801	1.52927	1.52927	0.0775711	1.6206	1.6206	0.195144	0.713749	-1.40105	0.0881465	0.629331	-1.58899	2.39326	2.29566	0.852641	1
cg11106508	SNHG8;SNORA24	0.116713	0.555632	0.841272	-1.18868	0.481658	1.23044	1.23044	0.330131	0.747226	-1.33828	0.958626	0.98507	-1.01516	0.0986288	0.591482	-1.69067	0.0048394	0.338395	-2.95512	0.896971	0.963133	-1.03828	0.405855	1.27964	1.27964	0.821219	1.06783	1.06783	2.39325	3.18671	1.18359	1
cg17280398	PIK3CB	0.116714	0.354839	0.609573	-1.64049	0.675718	0.803497	-1.24456	0.104201	0.397017	-2.51878	0.983938	1.01052	1.01052	0.0118448	0.195141	-5.12451	0.0557108	0.323874	-3.08762	0.094841	0.384944	-2.59778	0.408432	0.644226	-1.55225	0.044342	0.300862	-3.32379	2.39325	10.2508	3.80731	1
cg13325330	CDC5L;CDC5L	0.116715	0.891877	1.01461	1.01461	0.374974	1.10195	1.10195	0.0541331	0.792127	-1.26242	0.422227	1.09134	1.09134	0.207614	0.867909	-1.15219	0.33454	0.899327	-1.11194	0.0100151	0.70707	-1.41429	0.330463	0.898468	-1.11301	0.315084	0.89516	-1.11712	2.39323	0.430843	0.160023	1
cg19910937	LARP1B;LARP1B;LARP1B	0.116716	0.0436906	0.358575	-2.78882	0.292221	1.62148	1.62148	0.959013	0.977525	-1.02299	0.691518	0.83828	-1.19292	0.0878886	0.434695	-2.30046	0.330384	0.64131	-1.55931	0.016452	0.273489	-3.65645	0.423136	0.696379	-1.436	0.0940969	0.443021	-2.25723	2.39323	7.41508	2.7541	1
cg26439641	RPP38;RPP38;C10orf111;RPP38	0.116716	0.129444	3.21733	3.21733	0.279272	2.20554	2.20554	?	?	?	0.639284	0.720256	-1.3884	?	?	?	0.727713	0.784515	-1.27467	0.842098	1.14838	1.14838	?	?	?	0.0198506	0.123175	-8.11852	2.81495	13.6071	4.83387	1
cg25654262	SIM1	0.116716	0.367977	1.1984	1.1984	0.397707	1.18469	1.18469	0.949944	0.987788	-1.01236	0.13681	0.730756	-1.36845	0.187977	0.76105	-1.31397	0.368387	0.834585	-1.1982	0.143366	1.36038	1.36038	0.0479232	0.642371	-1.55673	0.0478759	0.642293	-1.55692	2.39322	1.45186	0.539248	1
cg08299045	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRP	0.116716	0.839013	0.973256	-1.02748	0.00828652	1.56806	1.56806	0.591321	1.0749	1.0749	0.187144	1.20481	1.20481	0.721357	1.04888	1.04888	0.077228	1.29927	1.29927	0.211672	0.839172	-1.19165	0.479272	0.908604	-1.10059	0.695239	1.05387	1.05387	2.39322	0.673127	0.250012	1
cg25756647	CYorf15A	0.11672	0.386351	0.544283	-1.83728	0.245341	2.29878	2.29878	0.195132	2.55657	2.55657	0.691315	1.31441	1.31441	0.228691	2.3759	2.3759	0.333463	0.504916	-1.98053	0.0414875	0.199805	-5.00487	0.0433834	4.91061	4.91061	0.471858	0.605741	-1.65087	2.39319	17.7851	6.6058	1
cg08940669	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.116723	0.692444	0.887004	-1.12739	0.016497	0.413306	-2.41952	0.402841	0.77243	-1.29462	0.861508	1.05408	1.05408	0.854249	1.05703	1.05703	0.844024	0.942318	-1.06121	0.013143	0.39556	-2.52806	0.277807	1.4055	1.4055	0.729489	0.900593	-1.11038	2.39316	3.44792	1.28066	1
cg25066281	DLG2;DLG2;DLG2	0.116726	0.124436	0.539707	-1.85286	0.525884	0.787978	-1.26907	0.598519	1.21772	1.21772	0.0151073	3.02492	3.02492	0.620441	1.20331	1.20331	0.816062	1.09023	1.09023	0.361996	0.706544	-1.41534	0.164783	0.577282	-1.73226	0.1398	1.80222	1.80222	2.39314	5.20938	1.93493	1
cg06123396	ADAM23	0.116726	0.118001	1.57843	1.57843	0.440054	0.809177	-1.23582	0.481779	0.825093	-1.21198	0.0688457	0.578374	-1.72899	?	?	?	0.0166217	0.455461	-2.19558	0.933577	0.977835	-1.02267	0.505852	0.834	-1.19904	0.475476	1.21547	1.21547	2.41687	2.46018	1.01792	1
cg14312959	FLJ90757;BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.116728	0.985443	0.997991	-1.00201	0.165747	0.849626	-1.17699	0.6211	0.946552	-1.05647	0.4833	0.924464	-1.08171	0.0427092	0.77322	-1.29329	0.163525	1.17814	1.17814	0.0273124	0.749839	-1.33362	0.173473	1.17311	1.17311	0.845222	0.978684	-1.02178	2.39312	0.460647	0.171101	1
cg21772773	CAMTA1	0.116728	0.263905	0.660998	-1.51286	0.0635607	0.476371	-2.09921	0.0353099	0.418363	-2.39027	0.483375	0.776293	-1.28817	0.736519	0.886874	-1.12756	0.729257	1.13147	1.13147	0.881903	1.05427	1.05427	0.358568	0.714897	-1.3988	0.00910655	0.307915	-3.24765	2.39312	4.79004	1.77919	1
cg05125578	FAM183A	0.116729	0.530424	1.45461	1.45461	0.475824	0.652108	-1.53349	0.230991	2.09783	2.09783	0.133447	2.59737	2.59737	0.938758	0.955701	-1.04635	0.78239	0.849366	-1.17735	0.775385	1.18375	1.18375	0.00591863	0.119688	-8.35505	0.990202	0.992786	-1.00727	2.39311	13.1783	4.89491	1
cg08811509	ZNF484;ZNF484	0.116733	0.426656	1.22277	1.22277	0.0395938	0.554488	-1.80346	0.294318	0.763755	-1.30932	0.334289	1.27984	1.27984	0.0540483	1.71913	1.71913	0.372637	1.25457	1.25457	0.0785393	0.616212	-1.62282	0.624508	1.13002	1.13002	0.857884	1.04541	1.04541	2.39307	2.32689	0.864306	1
cg23542858	RNF139	0.116733	0.0034172	0.419153	-2.38577	0.725161	1.08021	1.08021	0.958641	1.0114	1.0114	0.532392	1.14824	1.14824	0.69639	1.08949	1.08949	0.895805	0.971767	-1.02905	0.144128	0.709659	-1.40913	0.570837	0.882316	-1.13338	0.426461	0.837368	-1.19422	2.39307	1.81076	0.672594	1
cg24872446	CASZ1;CASZ1	0.116737	0.0804308	0.388112	-2.57658	0.311843	0.600096	-1.6664	0.201623	0.51781	-1.93121	0.0993081	0.414024	-2.41532	0.0190376	0.250211	-3.99663	0.114232	0.432331	-2.31304	0.0218344	0.261009	-3.83128	0.413252	0.664802	-1.50421	0.0903296	0.402142	-2.48668	2.39303	9.02882	3.35375	1
cg21147709	PLOD1	0.116738	0.253507	0.584354	-1.71129	0.0353648	3.01581	3.01581	0.096846	2.27297	2.27297	0.259088	1.69967	1.69967	0.983178	1.00954	1.00954	0.155868	1.98182	1.98182	0.0223077	3.434	3.434	0.270815	1.67617	1.67617	0.224729	1.77625	1.77625	2.39303	7.69234	2.85732	1
cg15874048	C14orf28	0.116738	0.24417	0.662927	-1.50846	0.107851	0.553237	-1.80754	0.00716464	0.309921	-3.22663	0.0421371	0.453875	-2.20325	0.639535	0.852867	-1.17252	0.489993	1.26692	1.26692	0.767414	0.904777	-1.10524	0.925823	0.96907	-1.03192	0.54637	0.813865	-1.22871	2.39303	4.31426	1.60253	1
cg06721956	RPE65	0.116738	0.507196	0.808391	-1.23703	0.404358	0.763588	-1.30961	0.329915	0.727721	-1.37415	0.831269	1.06978	1.06978	0.00680695	0.330085	-3.02952	0.459302	0.788054	-1.26895	0.231833	1.4865	1.4865	0.234538	1.48277	1.48277	0.23322	0.673591	-1.48458	2.39302	3.78752	1.40687	1
cg13002957	CLDN18;CLDN18	0.116741	0.156677	0.669752	-1.49309	0.632133	1.13612	1.13612	0.00811573	2.45178	2.45178	0.753352	0.919976	-1.08698	0.179356	0.685649	-1.45847	0.1797	1.45798	1.45798	0.747394	1.08927	1.08927	0.883606	0.96198	-1.03952	0.748721	0.918477	-1.08876	2.393	2.65346	0.985637	1
cg23867673	CDH23;CDH23	0.116742	0.0506587	0.256825	-3.8937	0.168018	0.40785	-2.45188	0.0395519	0.233824	-4.27673	0.095765	0.327315	-3.05516	0.0416542	0.238462	-4.19354	0.137857	0.377068	-2.65204	0.0641857	0.280948	-3.55938	0.0564832	0.267643	-3.73632	0.169729	0.409509	-2.44195	2.39299	14.1217	5.24559	1
cg26863600	GNG7	0.116743	0.20062	0.656756	-1.52264	0.63527	0.8619	-1.16023	0.326473	0.72972	-1.37039	0.0414194	0.481168	-2.07828	0.0964644	0.566859	-1.76411	0.513727	0.813846	-1.22873	0.141877	1.63428	1.63428	0.0396699	0.477172	-2.09568	0.0830634	0.550537	-1.81641	2.39298	3.66641	1.36191	1
cg18145393	PIGG;PIGG	0.116744	0.336506	1.20692	1.20692	0.314366	0.820807	-1.21831	0.290787	0.812156	-1.23129	0.565632	0.895638	-1.11652	0.879528	1.0292	1.0292	0.651882	1.09002	1.09002	0.00518049	2.01457	2.01457	0.469922	0.869774	-1.14972	0.583128	0.900151	-1.11092	2.39297	1.36513	0.507091	1
cg05959111	LPGAT1	0.116747	0.10608	3.43564	3.43564	0.707061	0.767983	-1.30211	0.272462	0.449908	-2.22268	0.112778	3.34362	3.34362	0.0783306	3.92557	3.92557	0.431994	1.75201	1.75201	0.0312007	5.85862	5.85862	0.101649	3.50107	3.50107	0.107771	3.41166	3.41166	2.39294	18.5307	6.88346	1
cg07526656	C1RL;LOC283314	0.11675	0.0470652	0.390007	-2.56406	0.25459	0.610877	-1.63699	0.289581	0.634173	-1.57686	0.111408	2.05119	2.05119	0.119062	0.496135	-2.01558	0.771032	0.886118	-1.12852	0.0217351	0.319375	-3.13112	0.830743	1.09274	1.09274	0.593159	0.799768	-1.25036	2.39291	6.50565	2.41664	1
cg10396484	LBX1;FLJ41350	0.116751	0.680261	1.03221	1.03221	0.321534	0.924636	-1.08151	0.290674	1.08752	1.08752	0.491405	0.947934	-1.05493	0.888271	1.01081	1.01081	0.141737	1.12849	1.12849	0.00784686	0.770266	-1.29825	0.304248	1.08481	1.08481	0.854723	1.01412	1.01412	2.3929	0.221839	0.0824064	1
cg16531271	CDK5R2	0.116755	0.073995	0.473093	-2.11375	0.761149	0.891727	-1.12142	0.089496	0.494743	-2.02125	0.798781	0.908447	-1.10078	0.0429205	0.416553	-2.40065	0.954393	0.978732	-1.02173	0.0378485	0.404495	-2.47222	0.798212	0.908195	-1.10109	0.128864	1.85312	1.85312	2.39287	5.3543	1.98898	1
cg16676676	OBSCN	0.116755	0.183763	0.365	-2.73973	0.977257	1.02058	1.02058	0.072236	0.238391	-4.19479	0.655266	0.72531	-1.37872	0.00539004	0.0729318	-13.7114	0.138139	0.319503	-3.12986	0.156911	0.338916	-2.95058	0.176893	0.35849	-2.78948	0.259817	0.431679	-2.31654	2.39287	19.3571	7.19068	1
cg06161752	DBT	0.116759	0.723028	0.958619	-1.04317	0.0553491	1.29426	1.29426	0.72758	1.04241	1.04241	0.195808	1.17641	1.17641	0.231387	0.861498	-1.16077	0.29623	1.13727	1.13727	0.0187508	0.713017	-1.40249	0.643422	0.946142	-1.05692	0.580121	1.06861	1.06861	2.39283	0.534504	0.198557	1
cg05439814	RBBP6;RBBP6;RBBP6	0.11676	0.432863	1.21834	1.21834	0.126279	1.50403	1.50403	0.0196586	2.00448	2.00448	0.427431	1.22131	1.22131	0.248508	0.742564	-1.34669	0.985537	1.00448	1.00448	0.775565	0.931899	-1.07308	0.0286792	1.89047	1.89047	0.162884	1.44418	1.44418	2.39282	2.30726	0.857104	1
cg27015057	SPRY4;SPRY4	0.116762	0.28967	1.58912	1.58912	0.740404	1.15042	1.15042	0.608221	1.24347	1.24347	0.448947	1.38431	1.38431	?	?	?	0.457237	0.726828	-1.37584	0.00815042	0.239967	-4.16723	0.252041	0.603939	-1.6558	0.231693	0.589385	-1.69668	2.41654	6.04268	2.50055	1
cg03127104	GABBR1;GABBR1	0.116762	0.0364084	0.327119	-3.05699	0.836211	1.09978	1.09978	0.337569	1.57495	1.57495	0.529494	1.33999	1.33999	0.0239822	0.290177	-3.44617	0.804326	0.892213	-1.12081	0.0585946	0.374704	-2.66878	0.545705	0.75507	-1.32438	0.195911	0.533467	-1.87453	2.39281	7.99954	2.9717	1
cg24051943	ZBTB12	0.116762	0.482301	0.834319	-1.19858	0.540636	1.17013	1.17013	0.193672	0.705493	-1.41745	0.529711	0.850874	-1.17526	0.0158474	0.472564	-2.11612	0.121213	1.53145	1.53145	0.443949	1.21893	1.21893	0.539899	1.17048	1.17048	0.0993389	0.632397	-1.58128	2.3928	2.43833	0.905803	1
cg01895026	TMEM233	0.116763	0.413372	0.902257	-1.10833	0.378938	1.11742	1.11742	0.308934	1.13828	1.13828	0.490603	0.91748	-1.08994	0.644232	1.05886	1.05886	0.350305	0.888477	-1.12552	0.138734	0.821992	-1.21656	0.0188344	1.41903	1.41903	0.0770273	1.27358	1.27358	2.39279	0.573318	0.21298	1
cg15702277	RERE;RERE;RERE	0.116763	0.410774	0.725781	-1.37783	0.580494	1.23703	1.23703	0.458905	0.750232	-1.33292	0.986526	1.00646	1.00646	0.19866	0.59595	-1.67799	0.284657	1.52729	1.52729	0.679749	1.17137	1.17137	0.00524601	4.06733	4.06733	0.705587	0.865347	-1.15561	2.39279	5.50257	2.04413	1
cg10907148	C17orf28	0.116763	0.166257	2.36821	2.36821	0.765866	0.839949	-1.19055	0.642849	0.761294	-1.31355	0.184645	2.27452	2.27452	0.43182	1.59768	1.59768	0.00833607	0.139573	-7.16473	0.576745	1.39003	1.39003	0.239637	2.05268	2.05268	0.972425	1.02039	1.02039	2.39279	12.9266	4.80204	1
cg02724647	CECR4;CECR5;CECR4	0.116764	0.0323541	0.152905	-6.54	0.37427	0.504833	-1.98085	0.42328	0.541738	-1.84591	0.593822	0.668019	-1.49696	0.0288787	0.14499	-6.89704	0.0786124	0.231295	-4.32347	0.0193105	0.11995	-8.3368	0.960343	0.963419	-1.03797	0.194479	0.357475	-2.7974	2.39279	21.2871	7.90786	1
cg27367526	STEAP2;STEAP2;STEAP2	0.116765	0.0392451	0.324124	-3.08523	0.89365	1.06521	1.06521	0.222235	1.8328	1.8328	0.0311906	3.30082	3.30082	0.666083	0.814611	-1.22758	0.647554	1.24282	1.24282	0.232692	0.553744	-1.80589	0.334783	0.625134	-1.59966	0.213005	0.538265	-1.85782	2.39278	8.45284	3.14013	1
cg09059670	SERINC5	0.116765	0.836196	0.929814	-1.07548	0.559562	1.23046	1.23046	0.133046	1.76763	1.76763	0.0831222	0.509494	-1.96273	0.0133387	0.340453	-2.93726	0.417496	0.747347	-1.33807	0.905517	1.04262	1.04262	0.348474	0.712291	-1.40392	0.29375	1.46638	1.46638	2.39278	4.68178	1.73923	1
cg26223543	CCDC124	0.116766	0.331268	0.892162	-1.12087	0.127579	0.828993	-1.20628	0.903026	0.986221	-1.01397	0.779436	1.03247	1.03247	0.309315	1.12723	1.12723	0.128184	1.20587	1.20587	0.154915	1.1892	1.1892	0.483894	1.08435	1.08435	0.0131692	1.4189	1.4189	2.39277	0.49103	0.182412	1
cg10660965	VN1R2;VN1R2	0.116768	0.0823707	0.19187	-5.21187	0.0119822	0.0679174	-14.7238	0.072063	0.1786	-5.59912	0.268856	0.37231	-2.68593	0.169206	0.284615	-3.51352	0.554585	0.598804	-1.66999	0.0361778	0.123673	-8.08584	0.143134	0.259216	-3.85778	0.8625	0.861801	-1.16036	2.39275	27.896	10.3632	1
cg12791010	WDR75	0.116772	0.0228921	0.275086	-3.63522	0.578286	1.30505	1.30505	0.305942	1.65298	1.65298	0.27328	0.582417	-1.71698	0.0245162	0.280761	-3.56175	0.309067	0.607067	-1.64726	0.231829	0.551804	-1.81224	0.69439	1.2059	1.2059	0.611721	1.2747	1.2747	2.39271	8.51868	3.16468	1
cg24833027	ARHGEF10	0.116773	0.730521	1.09215	1.09215	0.304956	1.31107	1.31107	0.0231067	0.5003	-1.9988	0.728304	0.914925	-1.09299	0.178012	0.694265	-1.44037	0.0484223	0.56275	-1.77699	0.789436	0.934037	-1.07062	0.106858	1.56648	1.56648	0.95357	0.985265	-1.01496	2.39271	2.46329	0.91511	1
cg14462800	ELOVL4	0.116774	0.816076	0.903699	-1.10656	0.239286	1.70843	1.70843	0.0623619	2.48857	2.48857	0.215719	1.76168	1.76168	0.0143978	0.269563	-3.7097	0.922435	0.958557	-1.04323	0.814694	1.10742	1.10742	0.323311	1.55792	1.55792	0.479912	0.731904	-1.3663	2.3927	7.15754	2.65903	1
cg20462300	FBXO18;FBXO18	0.116776	0.310998	0.779052	-1.28361	0.289149	0.769449	-1.29963	0.704603	1.09497	1.09497	0.0162442	2.01401	2.01401	0.742911	1.08155	1.08155	0.883438	1.03556	1.03556	0.0252902	1.8842	1.8842	0.299389	1.29198	1.29198	0.327034	1.27253	1.27253	2.39268	2.14997	0.798721	1
cg11877467	C13orf35	0.116776	0.154052	0.431709	-2.31638	0.455073	0.657812	-1.52019	0.271954	0.532852	-1.87669	0.712979	0.81596	-1.22555	0.010155	0.167839	-5.9581	0.125754	0.401702	-2.48941	0.0144981	0.190506	-5.24917	0.400706	0.622802	-1.60565	0.316829	0.565721	-1.76766	2.39267	11.4835	4.26616	1
cg16456625	MAK16	0.116785	0.495694	0.913039	-1.09524	0.443618	0.902378	-1.10818	0.043989	1.35582	1.35582	0.420801	1.11423	1.11423	0.211795	0.841147	-1.18885	0.31449	0.872146	-1.1466	0.139671	1.23248	1.23248	0.1249	0.80375	-1.24417	0.0952316	0.785774	-1.27263	2.39259	0.655412	0.243497	1
cg07960461	SPDYE3	0.116786	?	?	?	0.13958	0.708251	-1.41193	0.102735	0.678837	-1.47311	0.626997	0.899191	-1.11211	0.00693342	0.468548	-2.13425	0.0628302	0.634974	-1.57487	0.517419	0.86727	-1.15304	0.550525	0.87717	-1.14003	0.288252	0.787241	-1.27026	2.41631	1.60153	0.662799	1
cg19261513	UBA1;UBA1	0.116787	0.107124	0.405243	-2.46766	0.583353	1.32906	1.32906	0.301431	1.73298	1.73298	0.118223	2.38957	2.38957	0.441789	1.49601	1.49601	0.301698	0.577227	-1.73242	0.0197085	0.235389	-4.24828	0.317078	1.70089	1.70089	0.873145	1.08552	1.08552	2.39258	9.99412	3.71301	1
cg18338319	HS1BP3	0.116787	0.149458	3.77454	3.77454	?	?	?	0.143249	3.86469	3.86469	0.672777	1.44062	1.44062	?	?	?	0.687231	1.416	1.416	0.050488	0.147249	-6.79122	?	?	?	0.147202	0.262699	-3.80664	2.48258	19.3596	10.3976	1
cg02585417	MIR618;LIN7A	0.116792	0.796826	1.03722	1.03722	0.109399	1.28048	1.28048	0.0777273	1.32008	1.32008	0.375462	1.13751	1.13751	0.424324	1.12251	1.12251	0.257113	0.845758	-1.18237	0.243216	0.841169	-1.18882	0.0608106	1.34899	1.34899	0.0380607	1.40576	1.40576	2.39253	0.760202	0.282435	1
cg05283335	SEMA3A	0.116793	0.222491	0.723199	-1.38275	0.230224	0.727462	-1.37464	0.0087094	0.429561	-2.32796	0.867979	1.04295	1.04295	0.485904	1.196	1.196	0.530088	0.851477	-1.17443	0.460087	0.826861	-1.20939	0.654225	1.12071	1.12071	0.0351644	0.537798	-1.85943	2.39252	2.42128	0.899571	1
cg19544746	ACOX3;ACOX3	0.116793	0.213785	0.490932	-2.03694	0.0307525	0.251829	-3.97095	0.0150989	0.197333	-5.06756	0.892236	0.92898	-1.07645	0.0598329	0.315335	-3.17123	0.480813	0.677412	-1.47621	0.486636	0.681025	-1.46838	0.471384	1.48911	1.48911	0.781096	1.16347	1.16347	2.39252	11.1925	4.15835	1
cg23287243	CNR2	0.116794	0.044909	0.566338	-1.76573	0.175111	1.42791	1.42791	0.570559	0.867969	-1.15211	0.221567	1.37352	1.37352	0.690907	0.905992	-1.10376	0.745094	1.08392	1.08392	0.434868	1.21751	1.21751	0.0246942	1.93608	1.93608	0.182367	1.41849	1.41849	2.39251	2.31204	0.858991	1
cg07345521	ZBTB46	0.116794	0.481218	0.83176	-1.20227	0.779184	0.93023	-1.075	0.28918	0.753454	-1.32722	0.11296	0.641535	-1.55876	0.409081	0.804738	-1.24264	0.0543389	0.570189	-1.7538	0.0195329	2.06717	2.06717	0.446722	1.22085	1.22085	0.809952	0.939891	-1.06395	2.39251	2.50859	0.932016	1
cg26121752	REPS2;REPS2	0.116797	0.137263	0.201971	-4.9512	0.178432	0.239591	-4.17378	0.937939	1.08093	1.08093	0.0694548	7.61044	7.61044	0.059721	8.35979	8.35979	0.0565454	0.115629	-8.64835	0.518972	0.520268	-1.92209	0.950687	1.06376	1.06376	0.871975	0.85114	-1.1749	2.39248	37.8461	14.0611	1
cg13524563	AGAP1;AGAP1	0.116801	0.512001	1.28944	1.28944	0.524453	1.27961	1.27961	0.251776	0.632774	-1.58034	0.903293	1.04756	1.04756	0.684381	0.855376	-1.16908	0.628055	0.82977	-1.20515	0.00294106	0.209908	-4.76399	0.850653	1.07471	1.07471	0.78729	0.901784	-1.10891	2.39245	5.53614	2.05689	1
cg13575058	MOBKL3;MOBKL3;MOBKL3	0.116804	?	?	?	0.0587889	0.38446	-2.60105	0.576895	1.26342	1.26342	0.30042	1.57255	1.57255	?	?	?	0.0942322	2.24413	2.24413	0.100723	0.454833	-2.19861	0.778526	1.12342	1.12342	?	?	?	3.11114	5.11916	1.37119	1
cg12443481	EGR1	0.116804	0.866353	1.08501	1.08501	0.809526	1.12409	1.12409	0.188836	1.96275	1.96275	0.739887	0.850958	-1.17515	0.409666	1.50446	1.50446	0.789995	1.13802	1.13802	0.00437466	0.158227	-6.32003	0.31005	0.601207	-1.66332	0.870819	0.924193	-1.08202	2.39242	8.89048	3.30321	1
cg08342675	BZW1	0.116806	0.131418	0.584921	-1.70963	0.707489	1.13216	1.13216	0.634525	0.854111	-1.17081	0.946628	0.978196	-1.02229	0.0387938	0.454801	-2.19876	0.0974392	0.549422	-1.8201	0.123364	1.73258	1.73258	0.505275	1.24933	1.24933	0.106712	1.786	1.786	2.3924	4.10862	1.52655	1
cg09081517	TNFRSF1B	0.11681	0.50938	1.2141	1.2141	0.769076	0.918207	-1.08908	0.156154	0.644202	-1.55231	0.857316	1.05355	1.05355	0.458018	0.803285	-1.24489	0.055966	1.87303	1.87303	0.0120224	2.47929	2.47929	0.432768	0.792911	-1.26118	0.654247	1.13959	1.13959	2.39237	3.18337	1.18279	1
cg17284325	LNPEP	0.116813	0.113831	1.31999	1.31999	0.128577	0.767142	-1.30354	0.0479713	1.4403	1.4403	0.241505	1.21878	1.21878	0.2536	0.824968	-1.21217	0.0528199	1.42647	1.42647	0.675843	0.934386	-1.07022	0.619272	1.08419	1.08419	0.327662	1.17711	1.17711	2.39234	0.986794	0.36665	1
cg20310608	LOC284798;LOC284798;LOC284798	0.116814	0.280314	1.61275	1.61275	0.0836999	2.25965	2.25965	0.340377	1.5196	1.5196	0.319507	1.54977	1.54977	0.0579752	2.49107	2.49107	0.353722	1.50134	1.50134	0.00940046	4.0643	4.0643	0.0509991	2.577	2.577	0.842965	0.919	-1.08814	2.39233	6.87196	2.55333	1
cg02970077	EIF5A;EIF5A;EIF5A;EIF5A	0.116817	0.387361	0.359441	-2.7821	?	?	?	?	?	?	0.0236053	0.0309544	-32.3055	?	?	?	?	?	?	0.256852	3.98799	3.98799	0.374398	2.86878	2.86878	0.975995	1.03478	1.03478	3.14978	32.8357	10.4248	1
cg21455534	C6orf120;WDR27	0.116819	0.0574939	0.754671	-1.32508	0.224699	0.846123	-1.18186	0.0868489	1.28116	1.28116	0.0415246	0.734953	-1.36063	0.736065	0.956643	-1.04532	0.656022	0.942956	-1.0605	0.0948197	0.786207	-1.27193	0.101316	0.790523	-1.26499	0.563063	0.926257	-1.07961	2.39229	0.6504	0.241666	1
cg04673446	MGAT3	0.116819	0.62085	0.836309	-1.19573	0.0521856	2.20728	2.20728	0.476035	1.29669	1.29669	0.846152	0.932728	-1.07212	0.0502269	0.449204	-2.22616	0.103575	0.528244	-1.89306	0.870473	1.06025	1.06025	0.0793771	2.01003	2.01003	0.465026	0.766003	-1.30548	2.39229	4.86969	1.80941	1
cg02314394	CEP72	0.116819	0.797408	0.89562	-1.11655	0.982746	0.990775	-1.00931	0.66614	0.830256	-1.20445	0.870884	1.0722	1.0722	0.108385	0.4721	-2.11819	0.207545	0.565786	-1.76745	0.00631546	0.217815	-4.59105	0.602334	0.798289	-1.25268	0.0369447	0.354025	-2.82466	2.39228	6.95827	2.58545	1
cg06155314	WDR62;THAP8;WDR62;THAP8	0.116821	0.731717	1.0497	1.0497	0.0544374	1.36008	1.36008	0.187436	1.21761	1.21761	0.102123	1.28677	1.28677	0.53185	0.914621	-1.09335	0.068106	0.749826	-1.33364	0.809836	1.03456	1.03456	0.13662	1.25357	1.25357	0.0897686	1.30158	1.30158	2.39227	0.752506	0.279607	1
cg04771100	HTRA4	0.116823	0.243058	2.22206	2.22206	0.0149019	7.07923	7.07923	0.0252189	5.69457	5.69457	0.650198	0.742008	-1.34769	0.44779	1.65809	1.65809	0.0874902	3.43145	3.43145	0.0840316	3.48864	3.48864	0.468593	1.61928	1.61928	0.810674	1.16983	1.16983	2.39225	16.1857	6.01414	1
cg08173915	IFNGR2	0.116827	0.0632068	0.359655	-2.78044	0.17025	2.04386	2.04386	0.841139	0.906449	-1.10321	0.9636	0.977912	-1.02259	0.0436604	0.321394	-3.11144	0.0852823	2.5373	2.5373	0.229954	0.539855	-1.85235	0.295229	1.70108	1.70108	0.803829	0.885319	-1.12954	2.39221	9.07519	3.37213	1
cg13063344	GALNT9	0.116828	0.502376	0.786608	-1.27128	0.585962	1.21401	1.21401	0.142801	0.573869	-1.74256	0.492641	1.2785	1.2785	0.866203	1.06126	1.06126	0.0199628	0.371482	-2.69192	0.346439	0.71045	-1.40756	0.0372767	2.34521	2.34521	0.910972	1.04023	1.04023	2.3922	4.71005	1.75015	1
cg24020157	RASGEF1A	0.11683	0.257554	1.35469	1.35469	0.488669	0.834656	-1.1981	0.207399	0.710643	-1.40718	0.68812	0.901518	-1.10924	0.445795	1.22102	1.22102	0.737064	1.09044	1.09044	0.00711557	2.44308	2.44308	0.737506	0.917204	-1.09027	0.224381	0.720425	-1.38807	2.39218	2.50106	0.929346	1
cg05044185	GABRA5;GABRA5;GABRA5	0.11683	0.068944	1.42269	1.42269	0.669601	1.07718	1.07718	0.636117	0.920761	-1.08606	0.23232	1.2423	1.2423	0.124478	0.749679	-1.3339	0.570096	1.10452	1.10452	0.0148854	0.595236	-1.68001	0.948098	1.01134	1.01134	0.864044	1.03013	1.03013	2.39218	1.13673	0.422386	1
cg09588474	RIOK2;RIOK2	0.11683	0.955756	1.03532	1.03532	0.0374589	0.220779	-4.52942	0.24333	0.465893	-2.14642	0.021109	5.66948	5.66948	0.451149	0.61858	-1.61661	0.243862	0.466331	-2.1444	0.166343	0.397189	-2.51769	0.874019	0.905494	-1.10437	0.997732	0.998224	-1.00178	2.39218	14.8302	5.51061	1
cg15264020	PTPRG	0.116833	0.095711	0.316509	-3.15946	0.419027	0.595068	-1.68048	0.43939	0.609109	-1.64174	0.730623	0.804713	-1.24268	0.0673681	0.275669	-3.62754	0.224121	0.448066	-2.23181	0.00505871	0.0972803	-10.2796	0.14673	0.375639	-2.66213	0.969703	0.976407	-1.02416	2.39216	14.9724	5.56351	1
cg07591530	FABP6	0.116835	0.019263	0.721749	-1.38552	0.0869945	0.80438	-1.24319	0.0822745	0.801147	-1.24821	0.491114	0.922609	-1.08388	0.21706	1.16136	1.16136	0.798717	1.02987	1.02987	0.290564	1.13466	1.13466	0.312449	0.886615	-1.12789	0.813307	1.02762	1.02762	2.39213	0.502586	0.186755	1
cg21815220	TNFRSF4	0.116836	0.153733	0.650895	-1.53635	0.186077	0.674244	-1.48314	0.232455	0.703237	-1.422	0.0166612	0.439603	-2.27478	0.044987	0.523691	-1.90952	0.096194	0.598323	-1.67134	0.0750936	0.572769	-1.7459	0.052635	0.538244	-1.85789	0.15432	0.651348	-1.53528	2.39213	2.99491	1.11288	1
cg03091829	VPS53;VPS53	0.116837	0.361625	0.883025	-1.13247	0.706876	1.05139	1.05139	0.318604	1.14653	1.14653	0.145359	0.812672	-1.23051	0.821591	0.970482	-1.03042	0.540701	0.921126	-1.08563	0.0428545	1.36234	1.36234	0.0452858	1.35617	1.35617	0.0819235	1.29139	1.29139	2.39212	0.666743	0.247755	1
cg21763058	DNAJC22	0.116838	0.187034	3.02077	3.02077	0.0186832	9.51865	9.51865	0.225538	2.73495	2.73495	0.673678	1.39767	1.39767	0.883931	1.12241	1.12241	0.113428	3.9027	3.9027	0.049186	5.8994	5.8994	0.0189175	9.45942	9.45942	0.421747	1.91314	1.91314	2.39211	23.6737	8.79698	1
cg26744490	TMTC4;TMTC4	0.116838	0.325587	0.673421	-1.48496	0.0306901	2.68814	2.68814	0.99246	1.00369	1.00369	0.980633	1.0095	1.0095	0.162948	1.78627	1.78627	0.0423826	2.4858	2.4858	0.664308	1.1854	1.1854	0.0298804	2.70567	2.70567	0.843052	0.92569	-1.08028	2.39211	5.7484	2.13606	1
cg00833777	ITGAM;ITGAM	0.116839	0.142209	0.292966	-3.41336	0.010514	0.0816624	-12.2455	0.0272844	0.131003	-7.63343	0.38453	0.49969	-2.00124	0.0753247	0.214212	-4.66828	0.207646	0.355626	-2.81195	0.120571	0.269789	-3.7066	0.26296	0.403278	-2.47968	0.650584	0.701301	-1.42592	2.3921	22.9389	8.52395	1
cg02506501	ACAP3	0.116839	0.892746	0.935125	-1.06938	0.00683291	5.70933	5.70933	0.0164474	4.29545	4.29545	0.450289	1.46592	1.46592	0.759939	1.16461	1.16461	0.414274	1.51431	1.51431	0.467642	1.44408	1.44408	0.999432	1.00035	1.00035	0.40615	1.52585	1.52585	2.3921	9.3663	3.48045	1
cg13509456	MAD1L1;MAD1L1;MAD1L1	0.116839	0.0540734	0.75503	-1.32445	0.382179	0.891203	-1.12208	0.718139	1.04769	1.04769	0.677561	0.94768	-1.05521	0.621147	0.93798	-1.06612	0.685074	0.948949	-1.0538	0.00555668	0.626146	-1.59707	0.494211	1.09332	1.09332	0.534534	1.0842	1.0842	2.3921	0.62576	0.232528	1
cg08518507	C21orf81	0.116841	0.58238	1.28153	1.28153	0.159648	1.95651	1.95651	0.576861	1.2863	1.2863	0.105896	0.454376	-2.20082	0.0459908	0.360072	-2.77722	0.330533	1.56589	1.56589	0.237544	0.575422	-1.73785	0.32727	1.57096	1.57096	0.0797316	0.419564	-2.38343	2.39208	7.55767	2.80841	1
cg09247294	LOC344967	0.116846	0.0140151	0.147835	-6.76429	0.89572	1.08614	1.08614	0.00810943	0.118118	-8.46608	0.746175	1.2271	1.2271	0.721247	0.797913	-1.25327	0.739275	0.810205	-1.23426	0.825195	0.869889	-1.14957	0.534196	0.672535	-1.48691	0.567176	0.694569	-1.43974	2.39204	15.0429	5.58998	1
cg11887015	PGK1	0.116846	?	?	?	0.0595444	3.19143	3.19143	0.130218	0.409864	-2.43983	0.246372	0.516058	-1.93777	0.552892	0.72065	-1.38764	0.832537	0.890876	-1.12249	0.214015	0.489703	-2.04206	0.0622281	3.14405	3.14405	0.298796	1.79982	1.79982	2.41574	10.1277	4.19236	1
cg03149970	RFX4;RFX4;RFX4;RFX4	0.116848	0.605624	1.08955	1.08955	0.123827	1.31579	1.31579	0.0360768	0.66937	-1.49394	0.220785	0.808997	-1.2361	0.262085	1.21234	1.21234	0.373279	0.860277	-1.16242	0.31876	1.18491	1.18491	0.235197	0.814758	-1.22736	0.0954522	0.739627	-1.35203	2.39202	1.02718	0.381705	1
cg05307141	METTL11B	0.116851	0.0466532	0.248643	-4.02184	0.505579	0.66187	-1.51087	0.475305	0.641784	-1.55816	0.0383533	0.230827	-4.33225	0.236703	0.468877	-2.13275	0.0870378	0.315229	-3.1723	0.00941513	0.133866	-7.47016	0.333647	0.543776	-1.83899	0.322288	0.535456	-1.86757	2.39199	14.1394	5.25434	1
cg14121414	ZNF628;ZNF628	0.116851	0.398011	0.68045	-1.46962	0.0537446	2.64967	2.64967	0.0447374	2.78739	2.78739	0.528182	1.32887	1.32887	0.0390547	0.345538	-2.89404	0.437251	0.702882	-1.42271	0.946719	1.03018	1.03018	0.635665	0.808698	-1.23656	0.546136	0.762042	-1.31226	2.39199	7.49863	2.78657	1
cg23221866	OTOF;OTOF;OTOF;OTOF	0.116853	0.867043	1.05352	1.05352	0.697012	0.88537	-1.12947	0.0307984	0.454196	-2.20169	0.553954	1.20477	1.20477	0.0213865	0.423004	-2.36404	0.914739	0.967225	-1.03389	0.890154	1.04394	1.04394	0.167071	0.632341	-1.58142	0.0400991	0.478018	-2.09197	2.39197	3.66792	1.36305	1
cg06358131	PIP5K1C	0.116857	0.692494	0.90093	-1.10996	0.15139	1.49703	1.49703	0.119892	1.55716	1.55716	0.796644	0.934466	-1.07013	0.617004	1.14149	1.14149	0.0864318	1.64401	1.64401	0.0401661	1.86328	1.86328	0.014436	2.20622	2.20622	0.20113	1.42526	1.42526	2.39194	2.60978	0.969844	1
cg19456996	GABBR1;GABBR1;GABBR1;GABBR1	0.116859	0.620084	1.05204	1.05204	0.129123	0.846656	-1.18112	0.125075	1.18356	1.18356	0.145446	1.17196	1.17196	0.894176	0.986581	-1.0136	0.727995	1.03608	1.03608	0.0191894	0.750041	-1.33326	0.252662	1.12895	1.12895	0.501328	0.933068	-1.07173	2.39192	0.390344	0.145061	1
cg20821838	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.11686	0.0247926	0.141224	-7.08095	0.502664	1.64597	1.64597	0.120413	0.291135	-3.43483	0.22422	2.5479	2.5479	0.543033	0.636995	-1.56987	0.339377	0.486098	-2.0572	0.0623469	0.215064	-4.64978	0.431182	1.80135	1.80135	0.155052	0.328011	-3.04868	2.3919	20.3279	7.55435	1
cg02675646	SPTBN4	0.116864	0.0990204	1.97544	1.97544	0.52544	1.27406	1.27406	0.0588902	2.2324	2.2324	0.326707	1.46397	1.46397	0.117414	0.527213	-1.89677	0.844352	0.928679	-1.0768	0.0296875	2.62061	2.62061	0.0996132	1.97264	1.97264	0.760501	1.12197	1.12197	2.39187	5.36782	1.99484	1
cg10339911	EIF1	0.116865	0.710417	1.19166	1.19166	0.0792736	0.400142	-2.49911	0.0508228	0.351327	-2.84635	0.255781	1.74673	1.74673	0.424829	1.46694	1.46694	0.0921666	0.418316	-2.39054	0.517854	0.734748	-1.36101	0.983954	0.99059	-1.0095	0.0363926	0.318675	-3.138	2.39186	8.37321	3.11174	1
cg18141851	HIST1H4H	0.116865	0.170401	1.20411	1.20411	0.87762	0.980587	-1.0198	0.569542	0.929485	-1.07586	0.956601	0.993101	-1.00695	0.622807	1.0651	1.0651	0.0675798	0.770651	-1.2976	0.0606958	1.30869	1.30869	0.0265559	0.715721	-1.39719	0.894115	0.983201	-1.01709	2.39186	0.61311	0.227851	1
cg23271501	NAV2;NAV2;NAV2	0.116865	0.476182	0.648899	-1.54107	0.0503903	0.264115	-3.78623	0.411588	0.605802	-1.6507	0.664188	1.29792	1.29792	0.113701	0.357938	-2.79378	0.19427	0.440525	-2.27002	0.0211708	5.23021	5.23021	0.793488	0.855031	-1.16955	0.897712	1.0798	1.0798	2.39186	13.4998	5.01693	1
cg01118711	AUTS2;AUTS2	0.116868	0.202443	1.62993	1.62993	0.339498	1.4296	1.4296	0.838899	0.928764	-1.0767	0.0618243	0.46602	-2.14583	0.0985533	0.518068	-1.93025	0.166145	0.585051	-1.70925	0.18982	0.604023	-1.65557	0.0974564	0.516743	-1.9352	0.0643574	0.470265	-2.12646	2.39184	4.99251	1.85539	1
cg18585560	SFRS5;SFRS5	0.116872	0.159634	0.786624	-1.27126	0.417279	1.14156	1.14156	0.521578	0.901448	-1.10933	0.660547	0.931852	-1.07313	0.122958	1.30592	1.30592	0.585791	0.915866	-1.09186	0.386948	0.867935	-1.15216	0.256785	0.827756	-1.20808	0.0082444	0.582947	-1.71542	2.3918	0.966262	0.359102	1
cg24455359	ACACA;ACACA;ACACA;ACACA	0.116872	0.279681	0.560499	-1.78412	0.921824	1.05155	1.05155	0.398128	1.55988	1.55988	0.44985	1.48504	1.48504	?	?	?	0.0120695	0.190004	-5.26305	0.158487	2.1813	2.1813	0.497351	1.42425	1.42425	0.336969	1.66413	1.66413	2.55551	9.23511	3.16208	1
cg11547895	UFSP1;ACHE;ACHE	0.116873	0.122961	0.836656	-1.19523	0.901145	1.01335	1.01335	0.0427656	1.28259	1.28259	0.0599382	0.797317	-1.25421	0.137354	1.18621	1.18621	0.965435	0.995386	-1.00464	0.213365	1.15009	1.15009	0.528943	1.07044	1.07044	0.259614	1.13371	1.13371	2.39179	0.431412	0.160331	1
cg20383084	PAFAH2	0.116874	0.00377082	0.194527	-5.14067	0.554061	0.778286	-1.28487	0.48523	0.743036	-1.34583	0.693114	0.846952	-1.1807	0.193363	0.5619	-1.77968	0.667841	0.834608	-1.19817	0.0453995	0.382453	-2.6147	0.976987	0.987992	-1.01215	0.848165	0.922863	-1.08358	2.39178	6.64406	2.46922	1
cg21297704	MTUS2;MTUS2	0.116876	0.371672	1.14465	1.14465	0.726805	1.05302	1.05302	0.00612371	1.69366	1.69366	0.232799	1.20236	1.20236	0.514718	1.1022	1.1022	0.537307	1.09637	1.09637	0.111709	0.774802	-1.29065	0.544496	0.913616	-1.09455	0.90636	0.982817	-1.01748	2.39177	0.821807	0.305421	1
cg04241844	FAM43B	0.116876	0.482428	0.791212	-1.26388	0.433946	0.769577	-1.29942	0.468008	0.784873	-1.27409	0.0698483	1.94451	1.94451	0.925838	1.03101	1.03101	0.723345	1.12366	1.12366	0.00654082	3.18659	3.18659	0.857014	0.942552	-1.06095	0.360997	1.36076	1.36076	2.39176	4.07634	1.51496	1
cg20340596	HPS1;HPS1	0.116877	0.297298	1.93466	1.93466	0.143693	0.383072	-2.61048	0.155252	0.394993	-2.53169	0.159176	2.50666	2.50666	0.214703	2.22052	2.22052	0.12863	0.366757	-2.7266	0.935915	0.952072	-1.05034	0.0699439	0.290075	-3.44739	0.132669	0.371227	-2.69377	2.39175	14.1301	5.25143	1
cg12065138	AJAP1;AJAP1	0.116877	0.210376	2.17327	2.17327	0.131702	2.60375	2.60375	0.0847979	3.06776	3.06776	0.222954	2.12364	2.12364	0.906832	1.07128	1.07128	0.0326858	4.3486	4.3486	0.0919771	2.97709	2.97709	0.0210808	5.11142	5.11142	0.0605134	3.47201	3.47201	2.39175	13.1015	4.86913	1
cg01116810	C22orf45;C22orf45;UPB1	0.116878	0.0275412	8.56352	8.56352	0.257991	2.64481	2.64481	0.969886	1.03159	1.03159	0.691138	1.38966	1.38966	0.435768	1.92548	1.92548	0.712995	1.35585	1.35585	0.814606	0.824028	-1.21355	0.0109104	13.9152	13.9152	0.0488893	6.37997	6.37997	2.39175	25.7189	9.5584	1
cg01517962	PRDM16;PRDM16	0.116879	0.459122	1.14796	1.14796	0.343833	1.19543	1.19543	0.00930448	0.546644	-1.82935	0.706557	0.933108	-1.07169	0.229752	1.25945	1.25945	0.845501	1.03636	1.03636	0.0831836	1.42065	1.42065	0.550328	0.895279	-1.11697	0.919563	0.981679	-1.01866	2.39174	1.26931	0.471739	1
cg17109374	LOC647288	0.116884	0.232175	0.754315	-1.32571	0.493268	1.16948	1.16948	0.839284	0.955335	-1.04675	0.279692	0.776563	-1.28773	0.0300629	0.563197	-1.77558	0.106244	0.672373	-1.48727	0.0171597	0.520197	-1.92235	0.263002	0.76906	-1.30029	0.0833781	0.649684	-1.53921	2.39169	1.91791	0.712805	1
cg15356320	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.116887	0.135532	1.87957	1.87957	0.0496242	2.40741	2.40741	0.387783	1.41513	1.41513	0.172456	1.76756	1.76756	0.755526	0.884694	-1.13033	0.385017	1.41815	1.41815	0.0631615	2.26996	2.26996	0.0213771	2.95858	2.95858	0.0391956	2.54983	2.54983	2.39166	5.82812	2.16609	1
cg07608565	EPS8L1;EPS8L1	0.116891	0.030433	6.27647	6.27647	0.144959	3.09658	3.09658	0.713174	0.765987	-1.30551	0.656386	1.38172	1.38172	0.0444658	0.188918	-5.29329	0.305425	0.464746	-2.15171	0.140222	0.31797	-3.14495	0.941789	0.948635	-1.05415	0.97689	1.02114	1.02114	2.39162	19.7484	7.33986	1
cg03536885	HOXA3	0.116892	0.0370745	10.923	10.923	0.389308	2.38998	2.38998	0.0468862	9.45738	9.45738	0.294358	2.92743	2.92743	0.0457606	9.59936	9.59936	0.208802	3.7007	3.7007	0.666299	1.53492	1.53492	0.0564919	8.43588	8.43588	0.0292338	12.6431	12.6431	2.39162	36.945	13.7313	1
cg23216745	PBXIP1;PYGO2	0.116892	0.840691	0.915937	-1.09178	0.0537847	0.384671	-2.59962	0.516696	1.33222	1.33222	0.212225	1.77407	1.77407	0.0833706	0.433345	-2.30763	0.12639	0.486056	-2.05738	0.0560545	0.389004	-2.57066	0.23783	0.58305	-1.71512	0.358314	1.51001	1.51001	2.39161	7.20996	2.67972	1
cg25263559	C19orf56;MORG1;MORG1;MORG1	0.116898	0.0676275	0.580744	-1.72193	0.965118	0.988459	-1.01168	0.903783	0.96841	-1.03262	0.175088	0.681947	-1.46639	0.906291	1.03175	1.03175	0.0435525	0.540087	-1.85155	0.896785	1.03505	1.03505	0.0739069	1.69681	1.69681	0.12463	1.55473	1.55473	2.39156	2.66872	0.991902	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07347431	TMEM144	0.116899	0.727345	0.906787	-1.10279	0.0362015	0.506175	-1.9756	0.0265301	0.479461	-2.08567	0.0324558	0.496642	-2.01352	0.154538	0.653126	-1.5311	0.565913	0.850253	-1.17612	0.753281	0.915629	-1.09215	0.431287	1.25174	1.25174	0.150896	0.650303	-1.53774	2.39156	2.9598	1.10009	1
cg23973885	MXRA8	0.116905	0.967845	0.991105	-1.00898	0.745253	1.07494	1.07494	0.349021	0.807596	-1.23824	0.363824	0.813139	-1.2298	0.173415	1.37859	1.37859	0.204811	1.34522	1.34522	0.00598765	2.21723	2.21723	0.587151	1.12921	1.12921	0.527384	0.867676	-1.1525	2.3915	1.86089	0.691668	1
cg17015511	RDX	0.116909	0.161489	0.624183	-1.60209	0.895282	1.04238	1.04238	0.777885	1.09324	1.09324	0.0204352	0.414517	-2.41245	0.0128196	0.377436	-2.64946	0.14909	0.614037	-1.62857	0.552135	0.827287	-1.20877	0.774379	1.09483	1.09483	0.317465	0.721996	-1.38505	2.39146	3.76339	1.39882	1
cg00348992	KIF26B	0.11691	0.0535279	0.205389	-4.8688	0.1304	0.307524	-3.25178	0.144086	0.322126	-3.10438	0.0402056	0.180659	-5.5353	0.0628487	0.220726	-4.5305	0.0364523	0.172885	-5.78421	0.0446772	0.189407	-5.27964	0.402341	0.538651	-1.85649	0.157025	0.335369	-2.98179	2.39145	19.7362	7.33584	1
cg16427967	TM9SF4	0.116911	0.160575	1.46972	1.46972	0.301867	0.759733	-1.31625	0.0135785	0.456305	-2.19152	0.424164	1.2333	1.2333	0.441902	1.22317	1.22317	0.150089	1.48641	1.48641	0.723314	0.912724	-1.09562	0.833993	1.0554	1.0554	0.202389	1.41307	1.41307	2.39144	2.49973	0.92914	1
cg25820220	OXR1;OXR1	0.116912	0.936441	1.00871	1.00871	0.0761913	1.23943	1.23943	0.748658	1.03559	1.03559	0.286962	0.886661	-1.12783	0.352822	1.10962	1.10962	0.81303	1.02611	1.02611	0.0577928	0.791855	-1.26286	0.965546	0.995312	-1.00471	0.0197342	1.35845	1.35845	2.39143	0.448301	0.166632	1
cg20534525	DUSP1	0.116912	0.887442	1.08601	1.08601	0.778608	1.17845	1.17845	0.0113821	6.33174	6.33174	?	?	?	0.147725	0.404609	-2.47152	0.875156	1.09592	1.09592	0.0852405	0.330048	-3.02986	0.681141	1.27214	1.27214	0.919034	1.06102	1.06102	2.41512	11.5397	4.77808	1
cg14963812	CAPN7	0.116913	0.716037	0.907382	-1.10207	0.0109183	0.427418	-2.33963	0.646785	1.1306	1.1306	0.233984	1.39367	1.39367	0.159093	1.4924	1.4924	0.256276	1.37061	1.37061	0.123668	1.55835	1.55835	0.753554	1.0874	1.0874	0.930046	1.02363	1.02363	2.39142	2.68075	0.996435	1
cg19987665	PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3	0.116914	0.2414	0.616845	-1.62115	0.206517	0.591604	-1.69032	0.941024	0.97127	-1.02958	0.422806	1.38067	1.38067	0.0495759	2.41732	2.41732	0.289759	1.54173	1.54173	0.0429609	0.399439	-2.50351	0.72137	0.868416	-1.15152	0.115918	0.510065	-1.96053	2.39142	5.87897	2.18521	1
cg04994761	PAX9	0.116918	0.0683352	0.487898	-2.04961	0.118696	0.551253	-1.81405	0.251324	0.656099	-1.52416	0.978467	1.00954	1.00954	0.084521	0.511219	-1.95611	0.585275	0.823849	-1.21382	0.00771839	0.300138	-3.3318	0.740757	0.889806	-1.12384	0.101066	0.531836	-1.88028	2.39138	4.68315	1.74075	1
cg07114422	SKI	0.11692	0.503676	0.651073	-1.53593	0.0206483	5.82712	5.82712	0.0281971	5.14886	5.14886	0.49384	1.55175	1.55175	0.116732	0.340366	-2.93801	0.498702	1.54389	1.54389	0.626497	1.36361	1.36361	0.52845	1.49759	1.49759	0.301123	1.96895	1.96895	2.39136	15.145	5.62954	1
cg02463494	7-Mar	0.116923	0.250307	1.28921	1.28921	0.926028	1.01983	1.01983	0.865364	1.03654	1.03654	0.972755	1.00725	1.00725	0.167198	0.732447	-1.36529	0.634753	1.10649	1.10649	0.00506592	0.456759	-2.18934	0.453656	1.17517	1.17517	0.642509	1.1039	1.1039	2.39133	1.6935	0.629495	1
cg19220566	C6orf27	0.116923	0.690958	1.15783	1.15783	0.00785748	3.49335	3.49335	0.0187051	2.84371	2.84371	0.277449	1.51321	1.51321	0.676524	0.857377	-1.16635	0.45177	1.32466	1.32466	0.557578	1.24298	1.24298	0.858846	1.06746	1.06746	0.823686	0.921419	-1.08528	2.39133	5.09395	1.89349	1
cg20460166	LRRC42	0.116925	0.0785813	0.409155	-2.44406	0.624902	1.25282	1.25282	0.87498	0.93051	-1.07468	0.681238	1.20796	1.20796	0.0102751	0.227749	-4.3908	0.212134	0.548165	-1.82427	0.0816826	0.413712	-2.41714	0.719161	1.17959	1.17959	0.163626	0.506614	-1.97389	2.39131	7.92438	2.94562	1
cg05172122	TBX15	0.116927	0.732624	1.2367	1.2367	0.225291	0.454313	-2.20113	0.710737	1.25959	1.25959	0.399313	0.585928	-1.70669	0.59462	0.71695	-1.3948	0.14025	0.374186	-2.67247	0.11686	0.348048	-2.87317	0.0136147	6.62585	6.62585	0.302683	0.516101	-1.9376	2.39129	14.5357	5.4032	1
cg06070229	EXOC4	0.116929	0.531331	0.758008	-1.31925	0.376324	0.672537	-1.48691	0.799176	1.11784	1.11784	0.397966	1.45959	1.45959	0.00603592	0.208608	-4.79368	0.552035	1.30068	1.30068	0.205152	0.557602	-1.79339	0.618947	1.24493	1.24493	0.120195	0.478762	-2.08872	2.39128	7.23075	2.68782	1
cg24662653	KIAA1147	0.116931	?	?	?	0.00943857	6.91215	6.91215	0.0682037	3.23997	3.23997	0.859778	0.904818	-1.10519	0.186871	2.22202	2.22202	0.41979	1.59636	1.59636	0.686299	0.794676	-1.25838	0.111499	2.70064	2.70064	0.933245	1.04852	1.04852	2.55489	11.2626	3.8572	1
cg03623111	ZDHHC1	0.116932	0.0605521	0.554808	-1.80242	0.370812	1.29155	1.29155	0.863095	1.04922	1.04922	0.474627	0.816745	-1.22437	0.0436651	0.524313	-1.90726	0.213188	0.69422	-1.44047	0.616329	1.15102	1.15102	0.0192931	0.454794	-2.1988	0.272939	0.72785	-1.37391	2.39125	2.93539	1.09116	1
cg10628982	PHC2;PHC2	0.116935	0.015479	0.224024	-4.4638	0.799645	0.879766	-1.13667	0.331172	0.603496	-1.65701	0.529141	0.725332	-1.37868	0.0420757	0.307361	-3.25351	0.668864	0.805159	-1.24199	0.0251613	0.261524	-3.82374	0.0803082	0.376367	-2.65698	0.264867	0.556942	-1.79552	2.39122	9.6079	3.57155	1
cg00532411	CHD5	0.116937	0.0132269	0.375514	-2.66301	0.560317	1.20662	1.20662	0.903145	1.03959	1.03959	0.380897	1.33197	1.33197	0.142651	0.604965	-1.65299	0.894043	0.958388	-1.04342	0.0244811	0.425372	-2.35088	0.889903	0.956786	-1.04517	0.685394	0.878183	-1.13872	2.3912	3.85255	1.43212	1
cg20815701	CSF1;CSF1;CSF1;CSF1	0.116938	0.0643992	0.621794	-1.60825	0.879943	1.03517	1.03517	0.641033	0.898183	-1.11336	0.351986	1.24487	1.24487	0.982354	0.994955	-1.00507	0.693767	0.913478	-1.09472	0.00597738	0.439661	-2.27448	0.156591	0.70715	-1.41413	0.955581	1.01282	1.01282	2.3912	1.98042	0.736189	1
cg10586510	SMO	0.116939	0.579822	1.06023	1.06023	0.150967	1.17464	1.17464	0.180335	1.16043	1.16043	0.241882	0.879758	-1.13668	0.605396	1.05602	1.05602	0.0809761	0.816799	-1.22429	0.079019	0.815493	-1.22625	0.386849	0.911403	-1.09721	0.094247	1.21216	1.21216	2.39119	0.414232	0.153985	1
cg26201283	ADAMTS7	0.116941	0.198957	0.718038	-1.39268	0.092552	0.63653	-1.57102	0.0157536	0.485751	-2.05867	0.267826	0.754519	-1.32535	0.023205	0.515707	-1.93908	0.637862	0.890746	-1.12265	0.78519	1.06894	1.06894	0.394868	0.808438	-1.23695	0.0747962	0.616139	-1.62301	2.39116	2.25522	0.838352	1
cg05765580	NOS2	0.116944	0.877833	0.904656	-1.10539	0.738811	1.24355	1.24355	0.474526	1.60599	1.60599	0.172906	2.57226	2.57226	0.0529091	0.238586	-4.19136	0.0723717	3.69173	3.69173	0.0302338	5.25776	5.25776	0.172277	2.57628	2.57628	0.421176	1.70792	1.70792	2.39114	16.0687	5.97343	1
cg13377589	NOTCH4;GPSM3	0.116947	0.0081348	1.36855	1.36855	0.579001	0.949417	-1.05328	0.519344	0.941298	-1.06236	0.542626	0.944521	-1.05874	0.33001	1.09757	1.09757	0.0515965	1.22776	1.22776	0.838347	1.0191	1.0191	0.467783	0.933865	-1.07082	0.881864	0.986323	-1.01387	2.39112	0.324819	0.12075	1
cg14478713	BNC2	0.116947	0.131084	0.447019	-2.23704	0.553911	0.743994	-1.3441	0.375316	0.63801	-1.56737	0.88532	0.931203	-1.07388	0.137861	0.454232	-2.20152	0.139912	0.456371	-2.1912	0.0100024	0.200656	-4.98366	0.0228792	0.260625	-3.83693	0.919016	0.951011	-1.05151	2.39111	9.23786	3.43415	1
cg06263077	TIRAP;TIRAP	0.116954	0.206809	0.830316	-1.20436	0.755277	1.04464	1.04464	0.624439	0.933408	-1.07134	0.504005	1.09933	1.09933	0.0256738	0.690636	-1.44794	0.55367	1.08728	1.08728	0.112847	1.27257	1.27257	0.542992	1.0898	1.0898	0.0443691	0.72432	-1.38061	2.39105	0.738687	0.274612	1
cg18058895	MLLT6	0.116955	0.646935	0.798451	-1.25242	0.118046	0.436775	-2.28951	0.676921	0.815043	-1.22693	0.140701	0.461434	-2.16716	0.163153	0.483605	-2.06781	0.0168584	0.240974	-4.14982	0.0169669	0.241454	-4.14157	0.495354	0.713266	-1.402	0.0782573	0.384891	-2.59814	2.39104	9.02075	3.35354	1
ch.14.1182433	SPTLC2	0.116957	0.0458269	0.271785	-3.67937	0.0588059	0.296827	-3.36897	0.0306073	0.235595	-4.24458	0.101708	0.360738	-2.7721	0.0695295	0.314967	-3.17494	0.706696	1.24002	1.24002	0.156377	0.421963	-2.36988	0.75954	1.19091	1.19091	0.584603	0.730399	-1.36912	2.39102	12.2641	4.55932	1
cg03225882	LOC399959;BLID	0.116957	0.0517536	1.91791	1.91791	0.190585	1.50344	1.50344	0.186035	1.51055	1.51055	0.0870679	1.74345	1.74345	0.73105	0.903474	-1.10684	0.71034	0.896057	-1.116	0.263737	0.709826	-1.4088	0.0217247	2.24913	2.24913	0.386435	1.29848	1.29848	2.39102	3.27744	1.21843	1
cg01867950	TMEM71;TMEM71	0.116957	0.727375	0.849257	-1.1775	0.0342511	0.315626	-3.1683	0.143441	0.479995	-2.08335	0.710843	0.840427	-1.18987	0.0358229	0.319769	-3.12726	0.0955723	0.425388	-2.35079	0.0524797	0.357218	-2.79941	0.0601854	0.371698	-2.69035	0.0844363	0.410212	-2.43777	2.39102	8.25339	3.0683	1
cg07964109	TMEM55B;TMEM55B	0.116958	0.703682	1.07314	1.07314	0.0885157	1.41494	1.41494	0.0222959	1.65844	1.65844	0.165343	1.31432	1.31432	0.753572	1.05989	1.05989	0.322818	0.828092	-1.2076	0.12913	0.738683	-1.35376	0.279526	0.812488	-1.23079	0.487469	1.13917	1.13917	2.39101	1.29193	0.480293	1
cg26391891	TNFRSF1A	0.116961	0.928571	1.05075	1.05075	0.033604	3.93666	3.93666	0.370259	1.66194	1.66194	0.364098	1.6735	1.6735	0.129706	0.405039	-2.4689	0.347216	1.7064	1.7064	0.0398032	3.71426	3.71426	0.0499117	3.43694	3.43694	0.37689	1.64974	1.64974	2.39098	11.5426	4.29116	1
cg14599596	FUT5	0.116964	0.0522207	0.176444	-5.66752	0.428909	0.530227	-1.88598	0.146728	0.294152	-3.3996	0.155548	0.303042	-3.29987	0.0179832	0.104513	-9.56819	0.104926	0.248548	-4.02337	0.126004	0.272357	-3.67165	0.0342469	0.143602	-6.9637	0.113063	0.257969	-3.87644	2.39096	23.3728	8.68932	1
cg22752895	BPHL;BPHL;BPHL;BPHL	0.116966	?	?	?	0.168435	0.733689	-1.36298	0.111107	0.689445	-1.45044	0.329344	1.23104	1.23104	?	?	?	0.536746	0.880256	-1.13603	0.0131716	0.485168	-2.06114	0.206731	0.756535	-1.32182	0.727326	0.931485	-1.07355	3.07912	1.42358	0.330237	1
cg14909250	STK16;STK16;GLB1L	0.116967	0.33839	1.1066	1.1066	0.962996	1.00477	1.00477	0.377205	1.09747	1.09747	0.393431	0.91418	-1.09388	0.0947906	0.828238	-1.20738	0.389209	0.913409	-1.0948	0.0963239	0.829098	-1.20613	0.994884	0.999342	-1.00066	0.0184532	1.34095	1.34095	2.39093	0.398931	0.148313	1
cg21482074	GOLGA6L6	0.116968	0.0784857	0.443437	-2.25511	0.074999	0.43823	-2.28191	0.168469	0.543031	-1.84152	0.844071	0.921331	-1.08539	0.393367	0.695041	-1.43876	0.164652	0.539648	-1.85306	0.0694315	2.32805	2.32805	0.0922428	0.462515	-2.16209	0.131933	0.508361	-1.96711	2.39092	6.5555	2.43719	1
cg18440889	SHANK2	0.116972	0.553587	1.18814	1.18814	0.320341	0.744236	-1.34366	0.0145443	0.420675	-2.37713	0.780451	0.922762	-1.0837	0.0671961	0.554261	-1.80421	0.35059	0.758518	-1.31836	0.077762	1.75754	1.75754	0.845958	0.945582	-1.05755	0.565112	0.84595	-1.1821	2.39088	3.13372	1.16506	1
cg13012115	OR8B2	0.116976	0.204505	0.505792	-1.9771	0.533146	0.725175	-1.37898	0.00810813	0.178031	-5.61699	0.938488	1.04007	1.04007	0.427925	0.662301	-1.50989	0.0613393	0.341911	-2.92474	0.0349276	0.286122	-3.49501	0.241308	0.535567	-1.86718	0.281132	0.565367	-1.76876	2.39085	9.81379	3.64865	1
cg01582532	KIAA0182;KIAA0182	0.116976	0.623434	1.08025	1.08025	0.00922872	1.6745	1.6745	0.0430548	1.43784	1.43784	0.699989	1.06226	1.06226	0.457178	1.12537	1.12537	0.117239	1.30399	1.30399	0.0475115	1.42419	1.42419	0.856504	1.02864	1.02864	0.960668	0.992337	-1.00772	2.39084	0.921434	0.342579	1
cg18094401	SNORD115-29;SNORD115-36;SNORD115-43;SNORD115-11	0.116977	0.0472167	0.163912	-6.10083	0.0400978	0.151183	-6.61452	0.366238	0.477438	-2.09451	0.949867	0.951156	-1.05135	0.0435744	0.157532	-6.34791	0.10714	0.246416	-4.05819	0.0248975	0.119305	-8.38187	0.287399	0.414886	-2.4103	0.170229	0.312441	-3.20061	2.39084	24.0189	8.92999	1
cg19750643	TSPAN18	0.116977	0.0542424	0.255686	-3.91105	0.817207	0.865415	-1.15551	0.911113	0.932656	-1.07221	0.219868	0.446908	-2.2376	0.0391838	0.225396	-4.43664	0.263875	0.483306	-2.06908	0.0122415	0.142506	-7.01723	0.0810684	0.29893	-3.34526	0.239265	0.463291	-2.15847	2.39084	14.7587	5.48714	1
cg26017930	SKI	0.116979	0.964812	1.0269	1.0269	0.0207578	5.33893	5.33893	0.0912232	3.06259	3.06259	0.421251	0.609966	-1.63943	0.616372	0.737914	-1.35517	0.126428	2.70423	2.70423	0.175747	2.37796	2.37796	0.167013	2.42638	2.42638	0.234429	0.472394	-2.11688	2.39082	13.7084	5.09668	1
cg05918193	MEX3D	0.116981	0.572933	0.874873	-1.14302	0.576862	1.14143	1.14143	0.181715	0.717003	-1.39469	0.532738	0.862192	-1.15983	0.690888	0.910468	-1.09834	0.00469199	0.413988	-2.41553	0.165228	1.41533	1.41533	0.791138	0.939613	-1.06427	0.580204	0.87713	-1.14008	2.39081	2.08522	0.775275	1
cg11430719	DGCR6	0.116982	0.0492063	0.827987	-1.20775	0.0402098	1.22055	1.22055	0.549344	1.05226	1.05226	0.556842	0.951265	-1.05123	0.0783508	1.17871	1.17871	0.276281	0.909176	-1.0999	0.729438	1.02962	1.02962	0.66791	1.03695	1.03695	0.188075	1.12443	1.12443	2.3908	0.267678	0.0995215	1
cg07570298	NCAM1;NCAM1;NCAM1	0.116984	0.52925	0.871338	-1.14766	0.946239	1.01468	1.01468	0.489464	0.859236	-1.16382	0.0453339	0.608904	-1.6423	0.0381841	0.595034	-1.68058	0.511761	0.86607	-1.15464	0.0284508	1.74851	1.74851	0.917979	1.02251	1.02251	0.703907	0.920805	-1.08601	2.39078	1.76791	0.657306	1
cg12200478	SLC39A2	0.116987	0.050117	0.372292	-2.68607	0.647557	0.815776	-1.22583	0.165453	0.519749	-1.924	0.0954362	0.444714	-2.24864	0.0126033	0.25354	-3.94415	0.0578071	0.387183	-2.58276	0.245021	0.58395	-1.71248	0.0805985	0.424334	-2.35664	0.215194	0.561516	-1.78089	2.39075	7.40959	2.75492	1
cg26433640	CAMK1D;CAMK1D	0.116991	0.372344	0.509367	-1.96322	0.00659672	0.0744254	-13.4363	0.0257964	0.142304	-7.02719	0.659722	0.721552	-1.3859	0.36969	0.507356	-1.971	0.361156	0.500874	-1.99651	0.484765	0.592784	-1.68695	0.395208	0.526581	-1.89904	0.470147	1.71803	1.71803	2.39071	20.5408	7.63725	1
cg25403974	LOC728743	0.116993	0.421323	0.768867	-1.30062	0.0401957	0.468369	-2.13507	0.508322	0.806781	-1.23949	0.372677	0.746149	-1.34021	0.00891044	0.344816	-2.90009	0.0465481	0.482227	-2.07371	0.238655	0.673763	-1.4842	0.702457	1.13066	1.13066	0.342627	0.731374	-1.36729	2.39069	3.8762	1.44122	1
cg14530295	ART3	0.116994	0.405468	1.14599	1.14599	0.214227	1.23288	1.23288	0.27936	0.835221	-1.19729	0.363384	1.16132	1.16132	0.736317	0.947329	-1.0556	0.901324	1.02006	1.02006	0.00413063	1.85102	1.85102	0.970535	1.00593	1.00593	0.659658	0.931506	-1.07353	2.39068	0.970525	0.360855	1
cg11474135	ANK2	0.116996	0.0314843	0.221039	-4.52409	0.0276543	0.21058	-4.74879	0.0990289	0.338881	-2.95089	0.49124	0.658143	-1.51943	0.0138426	0.162032	-6.17163	0.595237	0.725549	-1.37827	0.665917	0.771119	-1.29682	0.397459	0.595462	-1.67937	0.389448	0.589957	-1.69504	2.39067	13.5555	5.04015	1
cg25973374	FUCA1	0.116998	0.734626	0.958457	-1.04334	0.153488	1.20997	1.20997	0.0156296	1.44719	1.44719	0.484636	1.09261	1.09261	0.172798	1.19833	1.19833	0.861816	1.02196	1.02196	0.333017	0.88291	-1.13262	0.141378	0.821001	-1.21803	0.282181	0.869907	-1.14955	2.39065	0.588839	0.218942	1
cg25123866	PYGM;PYGM	0.117003	0.0932957	0.349013	-2.86522	0.131738	0.395449	-2.52877	0.536955	0.700126	-1.42831	0.261683	0.513036	-1.94918	0.0466799	0.272864	-3.66483	0.159347	0.424202	-2.35737	0.00806993	0.144458	-6.92243	0.168143	0.43279	-2.31059	0.128769	0.392166	-2.54994	2.3906	12.3104	4.57731	1
cg15054972	BUB1	0.117007	0.399193	1.15601	1.15601	0.0669615	1.41188	1.41188	0.042744	1.4796	1.4796	0.216962	1.24384	1.24384	0.855154	1.03117	1.03117	0.682237	0.933193	-1.07159	0.408108	1.15272	1.15272	0.0614604	0.701957	-1.42459	0.0941257	1.36226	1.36226	2.39056	1.06818	0.397185	1
cg11460820	RPS24;RPS24;RPS24;RPS24;RPS24;RPS24	0.117008	0.682793	0.720561	-1.38781	0.124109	0.213945	-4.67409	0.0413133	0.0821206	-12.1772	0.431031	1.93464	1.93464	?	?	?	0.453049	0.535087	-1.86886	?	?	?	0.106562	0.190008	-5.26295	0.0268261	0.0519809	-19.2378	4.65198	28.6706	2.64133	1
cg03416888	PSMA7;SS18L1	0.117009	?	?	?	0.100612	6.16518	6.16518	0.315897	2.8271	2.8271	?	?	?	?	?	?	0.63573	1.61013	1.61013	0.0342763	0.0801824	-12.4716	?	?	?	0.911674	0.895252	-1.117	2.66315	22.807	11.9895	1
cg21718412	UBE2L3;UBE2L3;UBE2L3	0.11701	0.244334	1.20377	1.20377	0.030097	1.47462	1.47462	0.195692	1.23166	1.23166	0.198237	1.23004	1.23004	0.684637	1.06415	1.06415	0.088806	1.33085	1.33085	0.067726	0.732268	-1.36562	0.508612	0.902934	-1.1075	0.363184	1.15292	1.15292	2.39054	0.877827	0.326408	1
cg07249459	FOXC2	0.11701	0.0622214	1.7918	1.7918	0.805144	0.933633	-1.07108	0.182976	1.48081	1.48081	0.608245	0.8662	-1.15447	0.13121	1.57263	1.57263	0.901284	0.966111	-1.03508	0.182883	0.675243	-1.48095	0.016218	2.26353	2.26353	0.99936	0.999777	-1.00022	2.39053	2.92245	1.08668	1
cg25756853	P4HA3	0.117011	0.205185	2.54107	2.54107	0.262063	2.26123	2.26123	0.428812	1.75689	1.75689	0.722431	0.779706	-1.28254	0.29303	0.467176	-2.14052	0.878102	1.11303	1.11303	?	?	?	0.0868755	3.74051	3.74051	0.00987152	9.72676	9.72676	2.41419	16.5437	6.85268	1
cg21262300	ZNF211;ZNF211	0.117012	0.976863	1.00475	1.00475	0.262082	0.823641	-1.21412	0.390418	0.864949	-1.15614	0.70023	1.06538	1.06538	0.290488	0.833856	-1.19925	0.0036683	0.485739	-2.05872	0.967626	1.00665	1.00665	0.934384	1.01355	1.01355	0.696774	0.937903	-1.06621	2.7315	1.10028	0.268541	1
cg14711183	CCDC76;SASS6	0.117013	0.212737	1.43568	1.43568	0.0241765	2.09739	2.09739	0.012818	2.34388	2.34388	0.500347	1.20745	1.20745	0.915676	1.02962	1.02962	0.939446	0.979282	-1.02116	0.35095	0.767556	-1.30284	0.150598	1.52891	1.52891	0.78305	1.07903	1.07903	2.39051	2.87498	1.06903	1
cg16718891	ITGA5	0.117014	0.542621	0.914893	-1.09302	0.0562117	1.36626	1.36626	0.327788	1.15695	1.15695	0.200154	0.822572	-1.2157	0.269937	1.18033	1.18033	0.465489	0.898348	-1.11315	0.0275009	0.686413	-1.45685	0.305747	0.858086	-1.16538	0.453658	1.11646	1.11646	2.3905	0.788614	0.29324	1
cg10644878	LYPLA1;LYPLA1	0.117016	0.61606	1.08831	1.08831	0.0177286	0.617122	-1.62043	0.794679	0.957285	-1.04462	0.39682	0.864822	-1.15631	0.237457	1.23017	1.23017	0.0677209	0.709958	-1.40853	0.271537	1.21118	1.21118	0.195668	0.79528	-1.25742	0.201249	0.797787	-1.25347	2.39048	1.06074	0.39443	1
cg04644504	SENP8;MYO9A	0.117019	0.644409	1.10714	1.10714	0.274161	0.779426	-1.283	0.438887	1.18876	1.18876	0.124091	1.44009	1.44009	0.6838	1.09382	1.09382	0.0516274	1.62439	1.62439	0.311699	0.795163	-1.2576	0.10164	1.48063	1.48063	0.0619612	0.631093	-1.58455	2.39046	1.81583	0.675213	1
cg24924091	COMP	0.117019	0.174537	0.586516	-1.70498	0.746201	0.886943	-1.12747	0.792106	1.10251	1.10251	0.733383	0.881338	-1.13464	0.00308953	0.224044	-4.4634	0.0988105	0.512402	-1.95159	0.45068	0.752815	-1.32835	0.479645	0.76684	-1.30405	0.640069	0.840308	-1.19004	2.39045	5.16726	1.92144	1
cg09630404	STAR;STAR;STAR;STAR	0.11702	0.125141	0.710323	-1.40781	0.0455709	1.60386	1.60386	0.430098	1.18052	1.18052	0.520539	0.874414	-1.14362	0.672491	0.916115	-1.09157	0.633547	1.10403	1.10403	0.0232596	0.571859	-1.74868	0.186817	0.749514	-1.3342	0.922646	0.980186	-1.02021	2.39045	1.60747	0.597737	1
cg25423009	PVRL1	0.117021	0.869233	0.96304	-1.03838	0.568588	0.876597	-1.14078	0.0108905	0.481605	-2.07639	0.841329	1.04688	1.04688	0.032357	0.564003	-1.77304	0.893106	0.969738	-1.03121	0.170644	1.39584	1.39584	0.792854	1.062	1.062	0.388078	0.816936	-1.22409	2.39044	1.97786	0.735469	1
cg03739409	TPH2	0.117027	0.454067	0.764512	-1.30802	0.107942	0.539239	-1.85447	0.103686	0.534426	-1.87117	0.455408	0.765144	-1.30694	0.241838	0.649634	-1.53933	0.0419514	0.438081	-2.28268	0.0149315	0.348576	-2.86882	0.0874931	0.514678	-1.94296	0.048777	0.452761	-2.20867	2.39038	4.69359	1.74536	1
cg07652237	PHF10;PHF10	0.11703	0.801772	0.931746	-1.07325	0.162118	0.657389	-1.52117	0.16066	0.656299	-1.5237	0.264342	0.721117	-1.38674	0.0664033	0.560703	-1.78347	0.433376	0.798781	-1.25191	0.00502675	0.352433	-2.83742	0.10454	0.607363	-1.64646	0.626263	0.871165	-1.14789	2.39036	2.98993	1.11185	1
cg01586056	C7orf27	0.117031	0.379532	0.865028	-1.15603	0.0362434	1.4794	1.4794	0.0315001	1.50034	1.50034	0.209865	1.23683	1.23683	0.409128	1.14543	1.14543	0.152696	0.781647	-1.27935	0.966444	1.00679	1.00679	0.711353	1.0616	1.0616	0.130965	1.29991	1.29991	2.39035	0.979343	0.364184	1
cg05443326	PRRC1	0.117032	0.0492596	0.528909	-1.89068	0.705544	1.11375	1.11375	0.95658	0.984667	-1.01557	0.00412554	0.335643	-2.97936	0.882417	0.958867	-1.0429	0.926054	1.0267	1.0267	0.660661	0.882168	-1.13357	0.310835	0.742605	-1.34661	0.554684	0.844014	-1.18481	2.39034	3.04912	1.13387	1
cg07217935	KLHL1;ATXN8OS	0.117033	0.203247	1.92669	1.92669	0.465393	1.43729	1.43729	0.914469	0.948892	-1.05386	0.146419	0.467108	-2.14083	0.0824045	2.55859	2.55859	0.543096	0.740393	-1.35063	0.0361479	3.28634	3.28634	0.0492888	2.99129	2.99129	0.226257	1.85972	1.85972	2.39033	9.02627	3.35659	1
cg24176744	OPTN;OPTN;OPTN;OPTN	0.117037	0.353938	1.56982	1.56982	0.474694	1.41023	1.41023	0.56429	0.75914	-1.31728	0.109365	2.28289	2.28289	0.554885	1.32631	1.32631	0.518415	1.36284	1.36284	0.00685686	0.190981	-5.23612	0.579299	1.30317	1.30317	0.819395	0.897504	-1.1142	2.39029	8.46394	3.14752	1
cg14347219	DLL1	0.117037	0.0745512	0.461046	-2.16898	0.0186281	0.329006	-3.03946	0.014253	0.307842	-3.24842	0.133814	0.532484	-1.87799	0.196492	0.587273	-1.70278	0.229752	0.611927	-1.63418	0.928923	0.965826	-1.03538	0.436726	0.734016	-1.36237	0.748472	0.882155	-1.13359	2.39029	5.7505	2.13847	1
cg02767068	CORO1A;LOC606724	0.117038	0.239769	0.654055	-1.52892	0.734396	1.12463	1.12463	0.634476	1.17962	1.17962	0.43351	0.759078	-1.31739	0.555914	0.814284	-1.22807	0.110333	1.82245	1.82245	0.109868	1.82413	1.82413	0.0100599	3.06592	3.06592	0.502453	1.2646	1.2646	2.39028	4.50345	1.67472	1
cg13123964	FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1	0.11704	0.205178	0.490792	-2.03752	0.692398	1.23579	1.23579	0.609196	0.759924	-1.31592	0.0564365	0.31663	-3.15826	0.95715	0.971796	-1.02902	0.0918729	0.372288	-2.68609	0.0182171	0.217347	-4.60093	0.0604516	0.323913	-3.08725	0.0797415	0.355097	-2.81613	2.39027	10.7325	3.99119	1
cg18665334	ITM2C;ITM2C;ITM2C	0.117041	0.352368	0.596561	-1.67627	0.0220585	0.227188	-4.40163	0.129639	0.41322	-2.42002	0.891264	0.92883	-1.07662	0.0842818	0.35669	-2.80356	0.551901	0.722622	-1.38385	0.018639	0.214508	-4.66184	0.691341	1.24037	1.24037	0.114743	0.3962	-2.52398	2.39025	11.0296	4.1017	1
cg06106428	ARHGAP20	0.117045	0.484956	0.697697	-1.43329	0.82147	1.12148	1.12148	0.470511	1.45119	1.45119	0.514692	0.715238	-1.39814	0.00865531	0.183105	-5.46134	0.275135	0.562186	-1.77877	0.0248931	0.25817	-3.87341	0.786534	0.871367	-1.14762	0.749395	1.17653	1.17653	2.39022	9.74035	3.62229	1
cg19475224	NOS3;NOS3;NOS3;NOS3	0.117046	0.145291	0.558071	-1.79189	0.842407	0.928449	-1.07707	0.803278	1.09756	1.09756	0.20592	0.607969	-1.64482	0.0150953	0.328338	-3.04564	0.0479308	0.430258	-2.32419	0.69406	1.15887	1.15887	0.221093	1.61564	1.61564	0.306741	0.673924	-1.48385	2.39021	5.26559	1.95821	1
cg11936690	BAT5	0.117047	0.13699	0.782617	-1.27776	0.0179672	0.644065	-1.55264	0.0642227	0.727459	-1.37465	0.658862	0.934275	-1.07035	0.822269	0.96616	-1.03503	0.255504	0.8339	-1.19919	0.0131586	0.624747	-1.60065	0.335381	0.858982	-1.16417	0.682162	0.938939	-1.06503	2.3902	0.886343	0.329621	1
cg03892457	CADM3;CADM3	0.117048	0.0248977	0.276589	-3.61548	0.743144	0.85358	-1.17154	0.216886	1.86929	1.86929	0.669042	0.812994	-1.23002	0.0693154	0.375944	-2.65997	0.247441	0.558662	-1.78999	0.0311035	0.295761	-3.3811	0.155988	0.481546	-2.07665	0.606667	0.778778	-1.28406	2.39018	8.77484	3.26329	1
cg27213352	TMEM132E;C17orf102	0.117049	0.225306	0.564965	-1.77002	0.605778	0.79181	-1.26293	0.113755	0.462305	-2.16307	0.0234182	0.29696	-3.36746	0.469912	1.39044	1.39044	0.713238	0.847466	-1.17999	0.300534	1.6177	1.6177	0.0582	2.61131	2.61131	0.843557	0.915219	-1.09263	2.39018	7.61033	2.83023	1
cg02092807	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.117057	0.273103	0.594286	-1.68269	0.210915	0.548037	-1.82469	0.699431	0.837774	-1.19364	0.567828	1.3014	1.3014	0.0183152	0.270827	-3.69239	0.921498	1.046	1.046	0.0101587	0.227839	-4.38906	0.980189	0.988735	-1.01139	0.616992	0.794492	-1.25867	2.39011	7.87987	2.93055	1
cg19782190	CDC42BPB	0.117058	0.837509	0.931363	-1.07369	0.681559	1.15357	1.15357	0.374153	1.37146	1.37146	0.0253135	2.51116	2.51116	0.142487	0.579326	-1.72614	0.294698	1.45691	1.45691	0.0250932	2.51593	2.51593	0.132699	1.75376	1.75376	0.828741	1.0779	1.0779	2.3901	4.5387	1.68796	1
cg07963121	DSE;DSE	0.117058	0.120679	1.21428	1.21428	0.750067	0.963805	-1.03755	0.837967	1.0239	1.0239	0.164148	0.842615	-1.18678	0.222901	1.15921	1.15921	0.447319	0.914533	-1.09345	0.0119124	0.69626	-1.43624	0.22967	0.864682	-1.15649	0.513996	0.926497	-1.07933	2.3901	0.503705	0.18733	1
cg20737185	C6orf186	0.117059	0.0344	15.2786	15.2786	0.809986	1.30495	1.30495	0.160187	5.24869	5.24869	0.290974	3.35633	3.35633	0.586365	0.544941	-1.83506	0.511444	2.08728	2.08728	0.0425343	13.2053	13.2053	0.0145575	27.8061	27.8061	0.814905	1.29579	1.29579	2.39009	46.2173	17.1885	1
cg20195319	TNS3	0.117059	0.0440242	0.259154	-3.8587	0.610236	0.740833	-1.34983	0.654539	1.30059	1.30059	0.538689	0.695428	-1.43796	0.00851842	0.140985	-7.09298	0.71992	1.23381	1.23381	0.586406	1.3779	1.3779	0.920762	0.943594	-1.05978	0.0990469	0.34811	-2.87265	2.39009	12.8892	4.79357	1
cg11871295	CXXC1;CXXC1	0.117061	0.07409	0.686576	-1.4565	0.520553	0.88423	-1.13093	0.0205578	0.590322	-1.69399	0.193837	0.771268	-1.29657	0.0863906	0.699152	-1.4303	0.121053	0.727892	-1.37383	0.223461	1.27334	1.27334	0.140638	0.741242	-1.34909	0.935454	0.984814	-1.01542	2.39007	1.35104	0.502464	1
cg14207539	C10orf11	0.117062	0.108834	0.351759	-2.84286	0.334816	0.551979	-1.81166	0.111071	0.354481	-2.82102	0.213003	0.456779	-2.18924	0.462866	0.639889	-1.56277	0.0863235	0.322367	-3.10206	0.00953815	0.140653	-7.10967	0.0328537	0.225083	-4.4428	0.248698	0.486568	-2.05521	2.39007	13.5113	5.02498	1
cg00122215	ARG2	0.117063	0.770718	1.05099	1.05099	0.813495	0.960579	-1.04104	0.359831	0.851961	-1.17376	0.433295	0.872778	-1.14577	0.537903	1.11198	1.11198	0.102472	0.73779	-1.3554	0.0189542	0.616601	-1.62179	0.0431233	1.48586	1.48586	0.588125	0.911148	-1.09752	2.39006	1.09625	0.40771	1
cg26367351	DLG3	0.117064	0.1319	0.692224	-1.44462	0.0178712	0.521452	-1.91772	0.791486	0.941825	-1.06177	0.333116	1.25336	1.25336	0.424686	0.831591	-1.20251	0.273975	1.29368	1.29368	0.0766461	0.64054	-1.56118	0.389436	0.819141	-1.22079	0.310127	1.26815	1.26815	2.39005	1.93676	0.720305	1
cg12221565	LIN28	0.117064	0.0452813	2.1908	2.1908	0.0383236	0.44058	-2.26973	0.156003	0.595538	-1.67915	0.42584	0.757534	-1.32007	0.122934	0.565114	-1.76955	0.148354	0.588933	-1.69799	0.172643	0.60918	-1.64155	0.631252	0.847775	-1.17956	0.807173	0.919886	-1.08709	2.39004	4.41421	1.6417	1
cg04796181	HIST1H3I	0.117064	0.299444	0.75078	-1.33195	0.0602659	0.568454	-1.75916	0.834254	1.05744	1.05744	0.509164	1.19542	1.19542	0.39732	1.25988	1.25988	0.962567	1.01259	1.01259	0.308021	0.754841	-1.32478	0.409559	0.79867	-1.25208	0.0130886	2.2713	2.2713	2.39004	2.6894	1.00022	1
cg06447354	PELI3;PELI3	0.117065	0.506382	1.20736	1.20736	0.806029	0.93355	-1.07118	0.436338	1.2485	1.2485	0.00704935	0.377783	-2.64702	0.323388	1.32986	1.32986	0.360426	0.768908	-1.30055	0.134248	1.57042	1.57042	0.539812	0.840732	-1.18944	0.831175	1.06149	1.06149	2.39004	2.9569	1.09971	1
cg12513901	WDR66	0.117069	0.043592	0.214027	-4.67231	0.0215441	0.159751	-6.25973	0.217455	0.422258	-2.36822	0.360553	0.535504	-1.8674	0.0206584	0.156965	-6.37084	0.464545	0.609815	-1.63984	0.0786043	0.27308	-3.66193	0.779946	0.83019	-1.20454	0.166782	0.375518	-2.66299	2.39	16.7111	6.2152	1
cg16797751	ATXN7L1;ATXN7L1	0.11707	0.0512077	0.165292	-6.04991	0.927338	1.07675	1.07675	0.80547	0.818691	-1.22146	0.0743673	0.199519	-5.01206	0.1887	0.323338	-3.09274	0.162666	0.298684	-3.34802	0.0107321	0.0743235	-13.4547	0.155734	0.291883	-3.42603	0.119266	0.253941	-3.93793	2.38999	24.8802	9.25349	1
cg11814571	BIVM;BIVM;KDELC1;BIVM;BIVM	0.11707	0.15476	0.787024	-1.27061	0.710436	1.0604	1.0604	0.664886	0.933757	-1.07094	0.093119	0.74789	-1.33709	0.308946	1.18009	1.18009	0.214188	0.81411	-1.22833	0.0136512	1.61565	1.61565	0.915615	1.01681	1.01681	0.964231	1.00708	1.00708	2.38998	0.936102	0.348157	1
cg04436889	LPIN1	0.117073	0.104369	0.790619	-1.26483	0.84992	0.975243	-1.02539	0.247078	1.1737	1.1737	0.519862	1.09017	1.09017	0.959015	0.993222	-1.00682	0.80607	0.967974	-1.03309	0.0116205	0.658723	-1.51809	0.079728	0.773102	-1.29349	0.460568	1.10453	1.10453	2.38996	0.662886	0.246545	1
cg23443627	CD300A	0.117073	0.293586	0.628777	-1.59039	0.322055	0.664841	-1.54598	0.0203703	0.304025	-3.2892	0.587528	0.791964	-1.26268	0.083216	0.441863	-2.26314	0.254073	0.602176	-1.66064	0.0674062	0.417787	-2.39356	0.0126741	0.26726	-3.74167	0.419129	0.703582	-1.4213	2.38996	6.86511	2.55332	1
cg23228451	PCCA;PCCA	0.117074	0.859134	1.03504	1.03504	0.136363	0.732617	-1.36497	0.833959	1.04154	1.04154	0.0644098	1.49602	1.49602	0.0600061	1.50885	1.50885	0.205351	1.29569	1.29569	0.0204444	1.71872	1.71872	0.946561	0.987089	-1.01308	0.839358	1.04014	1.04014	2.38995	1.42272	0.529148	1
cg21246872	CASC3	0.117077	0.0707603	0.321073	-3.11456	0.211802	2.09612	2.09612	0.463854	1.52121	1.52121	0.263036	0.518636	-1.92814	0.0731903	0.3249	-3.07787	0.277531	0.529721	-1.88778	0.0448977	0.273846	-3.65168	0.354184	0.584889	-1.70973	0.0726406	0.324041	-3.08603	2.38993	11.9832	4.45693	1
cg02212772	ZNF589	0.11708	0.144839	1.89986	1.89986	0.313377	1.5332	1.5332	0.562152	1.2715	1.2715	0.666691	1.19433	1.19433	0.116813	2.01036	2.01036	0.177227	1.79998	1.79998	0.0100489	3.78699	3.78699	0.0234911	3.03139	3.03139	0.123911	1.9796	1.9796	2.3899	6.35782	2.36471	1
cg10910617	ATP5B;SNORD59A	0.11708	0.142316	1.2423	1.2423	0.752858	1.04441	1.04441	0.198485	1.20554	1.20554	0.79706	0.965174	-1.03608	0.360094	1.13817	1.13817	0.923675	1.01327	1.01327	0.730722	0.953589	-1.04867	0.00690643	0.618186	-1.61764	0.504693	0.911085	-1.09759	2.38989	0.716181	0.266374	1
cg14743055	ZNF295;ZNF295;ZNF295	0.117083	0.795774	0.966219	-1.03496	0.0250133	1.42374	1.42374	0.954436	1.0076	1.0076	0.78775	1.0364	1.0364	0.291992	0.865146	-1.15587	0.568103	0.926405	-1.07944	0.027047	0.706946	-1.41454	0.798491	0.966673	-1.03448	0.142232	1.23247	1.23247	2.38987	0.664408	0.24712	1
cg02464555	CUX1;CUX1	0.117083	0.688498	0.900221	-1.11084	0.321992	1.30586	1.30586	0.141038	1.51124	1.51124	0.756671	1.08445	1.08445	0.721976	0.911018	-1.09767	0.125801	0.64915	-1.54048	0.0405503	0.539602	-1.85322	0.685716	1.11195	1.11195	0.0379317	1.87338	1.87338	2.38987	2.5752	0.957819	1
cg26120584	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.117084	0.142421	0.790709	-1.26469	0.16783	0.803388	-1.24473	0.75312	0.954097	-1.04811	0.762577	1.04616	1.04616	0.730261	1.0529	1.0529	0.801852	0.963245	-1.03816	0.020097	0.658606	-1.51836	0.0115112	0.624569	-1.60111	0.587166	0.921601	-1.08507	2.38986	0.83946	0.31223	1
cg05271121	NLRC4	0.117084	0.665222	1.19255	1.19255	0.514279	1.3067	1.3067	0.177477	0.560064	-1.78551	0.826983	0.915267	-1.09258	0.150804	0.53644	-1.86414	0.406507	0.709309	-1.40982	0.00781063	0.251286	-3.97954	0.178731	1.78216	1.78216	0.980811	1.00978	1.00978	2.38986	6.19231	2.30318	1
cg14528994	ZFAND5;ZFAND5;ZFAND5	0.117087	0.582924	1.07209	1.07209	0.703275	0.9531	-1.04921	0.0307151	0.727185	-1.37517	0.703991	1.04908	1.04908	0.472903	0.91244	-1.09596	0.0237684	0.712681	-1.40315	0.0512193	0.756796	-1.32136	0.337177	1.13224	1.13224	0.604343	0.936494	-1.06781	2.38983	0.596308	0.221795	1
cg15618646	DPP6;DPP6;DPP6	0.117088	0.191461	0.514731	-1.94276	0.0409287	3.10494	3.10494	0.0310546	3.37203	3.37203	0.960117	0.976273	-1.0243	0.325067	0.613859	-1.62904	0.764928	1.15489	1.15489	0.894291	1.06592	1.06592	0.951235	1.0298	1.0298	0.101076	0.422209	-2.36849	2.38982	8.72805	3.24638	1
cg22602019	FAM167B	0.117088	0.112107	3.09036	3.09036	0.183058	2.51277	2.51277	0.525903	1.5207	1.5207	0.582948	1.43571	1.43571	0.797564	1.18251	1.18251	0.0916773	3.35738	3.35738	0.013528	7.34024	7.34024	0.0220057	5.99906	5.99906	0.116965	3.03647	3.03647	2.38982	16.0992	5.98808	1
cg26816583	RERE;RERE;RERE	0.117089	0.310963	1.38891	1.38891	0.523516	0.8166	-1.22459	0.29879	1.40143	1.40143	0.30589	1.39406	1.39406	0.350277	0.739863	-1.3516	0.543594	0.824762	-1.21247	0.011459	0.371059	-2.69499	0.59416	1.18357	1.18357	0.0906196	0.557522	-1.79365	2.38981	3.71705	1.38255	1
cg04357082	LMF1	0.117089	0.0702121	0.514874	-1.94222	0.347199	1.37365	1.37365	0.101739	1.79961	1.79961	0.890019	1.04642	1.04642	0.792217	0.917051	-1.09045	0.259053	0.679635	-1.47138	0.0283596	2.33683	2.33683	0.368836	1.35354	1.35354	0.307617	0.707244	-1.41394	2.38981	4.07157	1.51442	1
cg10690003	DLX6AS	0.11709	0.128851	2.87189	2.87189	0.315173	1.94958	1.94958	0.635912	1.35873	1.35873	0.848145	0.884064	-1.13114	0.00747704	9.14843	9.14843	0.92363	1.06357	1.06357	0.0822218	3.44738	3.44738	0.0440203	4.42617	4.42617	0.47555	1.5942	1.5942	2.3898	15.6389	5.8169	1
cg13864749	NECAP2;NECAP2;NECAP2	0.117091	0.574863	1.11263	1.11263	0.0358242	1.58393	1.58393	0.226241	0.78719	-1.27034	0.610118	1.10169	1.10169	0.0815182	0.695176	-1.43848	0.117765	1.37698	1.37698	0.077987	1.44601	1.44601	0.323394	1.21176	1.21176	0.744811	1.06344	1.06344	2.3898	1.34225	0.499252	1
cg06746112	C14orf135	0.117091	0.306579	0.706601	-1.41523	0.352582	1.36867	1.36867	0.0908921	0.542773	-1.84239	0.578867	1.20196	1.20196	0.0607036	0.499688	-2.00125	0.889464	1.04668	1.04668	0.0110389	0.351379	-2.84593	0.83425	1.07117	1.07117	0.879953	0.951625	-1.05083	2.3898	4.07423	1.51542	1
cg16062733	KDM2B;KDM2B	0.117094	0.456428	0.769045	-1.30031	0.151249	0.587165	-1.7031	0.958552	1.01816	1.01816	0.786484	1.09857	1.09857	0.0586744	0.477383	-2.09475	0.0799117	0.510286	-1.95969	0.0212741	0.383473	-2.60774	0.166777	1.66592	1.66592	0.40401	0.744054	-1.34399	2.38977	4.53703	1.68758	1
cg22282672	ZNF474;ZNF474	0.117094	0.0388521	0.275525	-3.62944	0.0514994	0.302782	-3.30271	0.272003	0.539955	-1.85201	0.199426	0.481563	-2.07657	0.0578628	0.314824	-3.17637	0.0865062	0.360396	-2.77473	0.0259457	0.240552	-4.1571	0.0894564	0.364507	-2.74343	0.20845	0.489331	-2.04361	2.38977	10.9946	4.0895	1
cg16422816	LOC100128239	0.117096	0.0284159	0.159702	-6.26166	0.084423	0.258281	-3.87174	0.112021	0.293099	-3.41182	0.165833	0.350617	-2.85212	0.145331	0.329896	-3.03126	0.0520505	0.20859	-4.79409	0.0652032	0.230368	-4.34088	0.038829	0.183331	-5.45461	0.164788	0.349589	-2.8605	2.38975	19.0358	7.08052	1
cg11916729	SCGB3A1	0.117098	0.0793101	9.4426	9.4426	0.161782	5.59596	5.59596	0.231831	4.24362	4.24362	0.148612	5.96399	5.96399	0.042441	14.7837	14.7837	0.1639	5.54139	5.54139	0.468306	0.427185	-2.34091	0.81744	0.766041	-1.30541	0.0206549	24.8385	24.8385	2.38973	50.2835	18.7035	1
cg02124746	S1PR3	0.117103	0.433079	0.502106	-1.99161	0.0644895	5.98133	5.98133	0.0627203	6.07115	6.07115	0.57365	0.612851	-1.63172	0.0582843	0.15837	-6.31434	0.717878	1.36679	1.36679	0.528325	0.576847	-1.73356	0.0966113	0.20786	-4.81093	0.592065	0.627617	-1.59333	2.38968	28.0697	10.4411	1
cg21933743	MAP3K11	0.117103	0.0224803	0.34228	-2.92159	0.0535578	2.36281	2.36281	0.812799	0.911154	-1.09751	0.549558	1.26804	1.26804	0.14	0.536462	-1.86407	0.795404	0.903107	-1.10729	0.243179	1.61441	1.61441	0.25834	1.58814	1.58814	0.905352	0.954419	-1.04776	2.38968	5.82167	2.16548	1
cg10356655	TMEM18	0.117104	0.0824442	0.479837	-2.08404	0.524213	1.26917	1.26917	0.0918679	2.02738	2.02738	0.033512	0.379881	-2.63241	0.0994814	0.503339	-1.98673	0.483358	1.30129	1.30129	0.955826	1.02057	1.02057	0.328352	1.45513	1.45513	0.851137	0.933249	-1.07153	2.7304	5.56409	1.35855	1
cg02608596	MPND;MPND	0.117109	0.421085	1.61256	1.61256	0.71411	0.807426	-1.2385	0.589164	0.72835	-1.37297	0.00338741	0.0986408	-10.1378	0.698979	0.797794	-1.25346	0.810396	0.869592	-1.14996	0.88517	1.08764	1.08764	0.326411	1.80225	1.80225	0.525775	1.45319	1.45319	2.38963	12.7913	4.75807	1
cg15744240	FGF14	0.11711	0.23132	0.723948	-1.38131	0.339061	1.28858	1.28858	0.0117178	2.24845	2.24845	0.421916	0.809712	-1.23501	0.856763	0.954577	-1.04758	0.654682	0.890626	-1.12281	0.229218	0.722789	-1.38353	0.11122	0.639919	-1.5627	0.4884	0.834348	-1.19854	2.38962	2.5054	0.931957	1
cg09412087	LMF1	0.117114	0.221172	0.811865	-1.23173	0.017338	1.59941	1.59941	0.0857843	1.36032	1.36032	0.0526822	1.42898	1.42898	0.426651	1.14059	1.14059	0.49102	0.892824	-1.12004	0.324433	1.1793	1.1793	0.649162	1.07705	1.07705	0.814695	0.962666	-1.03878	2.38959	0.993994	0.36975	1
cg10565645	GALNT1;GALNT1	0.117114	0.643681	1.33661	1.33661	0.0669838	0.278324	-3.59293	0.725684	1.24536	1.24536	0.695683	1.27744	1.27744	0.478249	1.56686	1.56686	0.10648	0.333562	-2.99794	0.173506	2.46457	2.46457	0.0216119	0.179392	-5.57439	0.492801	1.54322	1.54322	2.38959	14.6835	5.46202	1
cg01195628	OBSCN;OBSCN	0.117114	0.0202422	0.697568	-1.43355	0.322207	1.14059	1.14059	0.120507	1.24188	1.24188	0.407619	0.896763	-1.11512	0.0919805	0.787712	-1.2695	0.504085	1.09113	1.09113	0.750782	0.959839	-1.04184	0.416416	0.898668	-1.11276	0.153979	0.821739	-1.21693	2.38959	0.626262	0.23296	1
cg18836486	KDM4B	0.117114	0.619446	0.886657	-1.12783	0.963187	1.01115	1.01115	0.691098	1.10073	1.10073	0.0311482	1.8363	1.8363	0.0116308	0.468685	-2.13363	0.971438	1.00864	1.00864	0.330235	0.785517	-1.27305	0.8664	1.04129	1.04129	0.41886	0.819978	-1.21954	2.38958	2.185	0.812787	1
cg26748694	IQCE;IQCE	0.117117	0.301589	1.33706	1.33706	0.0621348	1.76819	1.76819	0.112837	1.59744	1.59744	0.063214	1.76306	1.76306	0.238401	1.39814	1.39814	0.00746431	2.54699	2.54699	0.448907	1.23298	1.23298	0.766632	1.08413	1.08413	0.888647	0.962692	-1.03875	2.38956	2.78758	1.03695	1
cg01883943	PRKAA1;PRKAA1	0.117118	?	?	?	0.0147983	0.315455	-3.17003	0.304695	1.50522	1.50522	0.861667	0.935101	-1.0694	0.909262	1.04484	1.04484	0.468028	0.75271	-1.32853	0.0285087	0.369955	-2.70303	0.220595	0.609292	-1.64125	0.693796	0.858788	-1.16443	2.4132	5.02844	2.08373	1
cg22443982	NLRP14;ZNF214;NLRP14	0.117118	0.136915	0.812849	-1.23024	0.159708	0.823407	-1.21447	0.428423	1.11021	1.11021	0.308761	0.872638	-1.14595	0.523931	1.08711	1.08711	0.920422	1.01301	1.01301	0.0152454	0.680198	-1.47016	0.697519	1.05181	1.05181	0.121307	1.24264	1.24264	2.38955	0.632968	0.235458	1
cg19533955	C3orf26;FILIP1L;FILIP1L	0.117124	0.540928	1.20209	1.20209	0.574544	1.18373	1.18373	0.822246	0.935275	-1.0692	0.177208	1.5319	1.5319	0.0116483	0.391559	-2.5539	0.238807	0.692893	-1.44322	0.172967	1.53919	1.53919	0.200474	1.49501	1.49501	0.94127	0.978327	-1.02215	2.3895	3.34673	1.24498	1
cg19252741	GAL	0.117132	0.193866	1.86729	1.86729	0.413895	1.46148	1.46148	0.175313	1.9247	1.9247	0.101971	2.25508	2.25508	0.0332243	0.322781	-3.09807	0.7136	0.845807	-1.1823	0.50493	1.35983	1.35983	0.0453326	2.83774	2.83774	0.953718	1.02672	1.02672	2.38943	7.81001	2.9054	1
cg02548199	CLEC16A	0.117133	0.707119	1.11086	1.11086	0.0159514	2.275	2.275	0.0676077	1.76886	1.76886	0.396684	1.27348	1.27348	0.629752	1.14488	1.14488	0.979404	1.00722	1.00722	0.0619163	1.79603	1.79603	0.0298669	2.03775	2.03775	0.131908	1.57297	1.57297	2.38941	2.9362	1.0923	1
cg20254361	MYOM3	0.117142	0.0722339	0.399661	-2.50212	0.31377	1.61003	1.61003	0.250323	1.73176	1.73176	0.201523	0.539795	-1.85255	0.355035	0.647311	-1.54485	0.0922833	0.428684	-2.33272	0.109165	0.449979	-2.22233	0.0396718	0.337087	-2.96659	0.234623	0.565803	-1.7674	2.38933	7.90781	2.9419	1
cg03958112	FXYD4	0.117143	0.662719	0.934962	-1.06956	0.889291	1.02157	1.02157	0.010508	0.610556	-1.63785	0.21778	0.819821	-1.21978	0.0763099	1.3528	1.3528	0.146858	0.787749	-1.26944	0.704412	1.06014	1.06014	0.35277	0.863712	-1.15779	0.71799	0.945943	-1.05715	2.38932	0.888522	0.330553	1
cg19695565	KLC1;KLC1;KLC1;KLC1;KLC1;KLC1	0.117147	0.816037	1.05638	1.05638	0.0461853	1.71202	1.71202	0.674231	1.10463	1.10463	0.298359	0.775903	-1.28882	0.54136	1.15665	1.15665	0.281132	1.30169	1.30169	0.0173498	1.97779	1.97779	0.0320339	1.8062	1.8062	0.576861	1.14188	1.14188	2.38929	2.09643	0.779936	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26015356	C17orf50	0.117148	0.314107	0.812343	-1.23101	0.0900941	0.688716	-1.45198	0.311365	1.23256	1.23256	0.0642781	0.660313	-1.51443	0.24016	0.782297	-1.27829	0.666963	0.917202	-1.09027	0.0339312	0.609995	-1.63936	0.570758	1.12118	1.12118	0.175623	1.3331	1.3331	2.38927	1.50815	0.561083	1
cg14224313	DNMT3B;DNMT3B;DNMT3B;DNMT3B;DNMT3B	0.11715	0.9812	1.00574	1.00574	0.56299	0.867485	-1.15276	0.0660811	0.605804	-1.6507	0.638226	1.12201	1.12201	0.0130201	0.472846	-2.11485	0.322425	0.77999	-1.28207	0.63747	1.12231	1.12231	0.0971922	1.5566	1.5566	0.489579	0.843132	-1.18605	2.38926	2.23617	0.831933	1
cg12532653	VTRNA1-1	0.117151	0.0535657	7.83072	7.83072	0.0801046	6.1891	6.1891	0.916062	0.905769	-1.10403	0.852066	0.839246	-1.19155	0.0397404	0.107302	-9.31948	0.96634	1.04041	1.04041	0.762894	0.752737	-1.32848	0.0845438	5.99598	5.99598	0.489091	0.517005	-1.93422	2.38925	33.3483	12.4068	1
cg06604589	NXN	0.117151	0.0236877	0.124058	-8.06077	0.294827	0.431894	-2.31538	0.0426664	0.164759	-6.06947	0.0809691	0.224191	-4.46049	0.0545754	0.185418	-5.39323	0.171288	0.32446	-3.08205	0.0402603	0.160231	-6.24099	0.470221	0.566835	-1.76418	0.162326	0.315747	-3.16709	2.38925	22.5965	8.40674	1
cg27637363	CORO6	0.117153	0.580476	1.29596	1.29596	0.115029	2.21626	2.21626	0.0396045	3.0198	3.0198	0.070519	2.55659	2.55659	0.135663	2.11028	2.11028	0.0321498	3.20741	3.20741	0.0632697	2.63806	2.63806	0.0711507	2.55	2.55	0.0905044	2.37782	2.37782	2.38923	8.16088	3.03617	1
cg03248767	DHRS7C	0.117154	0.88463	0.862852	-1.15895	0.448047	2.19364	2.19364	0.342175	0.369972	-2.70291	0.911783	1.11918	1.11918	0.0103535	0.0375865	-26.6053	0.397671	0.414844	-2.41054	0.0169143	0.0518106	-19.3011	0.940774	0.927287	-1.07842	0.486914	0.487894	-2.04963	2.38922	39.0589	14.5315	1
cg12267147	WDR78;WDR78	0.117154	0.753912	1.1556	1.1556	0.0182989	0.267956	-3.73196	0.281329	0.597542	-1.67352	0.351175	0.643218	-1.55468	0.0120146	0.236744	-4.22396	0.489468	0.724057	-1.38111	0.286801	0.601297	-1.66307	0.922693	0.956343	-1.04565	0.0862618	0.418275	-2.39077	2.38922	8.00286	2.9774	1
cg07261517	RANBP1;TRMT2A;TRMT2A	0.117155	0.960118	0.991396	-1.00868	0.00549293	1.87923	1.87923	0.174936	1.28315	1.28315	0.527605	0.8953	-1.11694	0.835887	1.0365	1.0365	0.652007	0.924548	-1.08161	0.187868	0.785712	-1.27273	0.564467	0.904236	-1.10591	0.84053	0.965784	-1.03543	2.38921	1.12999	0.420407	1
cg11224423	GDF11	0.117156	0.950162	1.0087	1.0087	0.116056	1.26718	1.26718	0.549241	1.08764	1.08764	0.182794	1.21652	1.21652	0.565142	1.08396	1.08396	0.0654339	1.33201	1.33201	0.0355749	0.712348	-1.40381	0.102371	1.28124	1.28124	0.186268	1.21442	1.21442	2.38921	0.727313	0.270592	1
cg09208302	MCF2L;MCF2L	0.117156	0.4351	0.709492	-1.40946	0.986753	0.99287	-1.00718	0.0882944	2.24913	2.24913	0.627253	1.23479	1.23479	0.364505	0.669248	-1.49421	0.991409	0.99537	-1.00465	0.064188	0.408045	-2.45071	0.0121892	0.260224	-3.84285	0.980713	0.989635	-1.01047	2.3892	7.02858	2.61494	1
cg03019986	HOXB3	0.117159	0.332537	1.40961	1.40961	0.065715	2.03252	2.03252	0.0752112	1.97463	1.97463	0.0208276	2.59962	2.59962	0.987827	1.00525	1.00525	0.160165	1.67423	1.67423	0.168467	1.65533	1.65533	0.0371799	2.29519	2.29519	0.0793463	1.95208	1.95208	2.38918	4.46318	1.66051	1
cg13071812	KCNQ1	0.117168	0.59236	1.22261	1.22261	0.649292	0.843452	-1.1856	0.766382	0.895117	-1.11717	0.0568475	2.22892	2.22892	0.432939	1.34661	1.34661	0.0462232	2.338	2.338	0.0626708	0.458877	-2.17923	0.325389	1.45883	1.45883	0.0875591	2.01643	2.01643	2.38909	5.2326	1.94685	1
cg16506887	OR10A5	0.11717	0.20786	0.439998	-2.27274	0.0471021	0.245447	-4.0742	0.0886114	0.313084	-3.19404	0.196757	0.430104	-2.32502	0.404049	0.589873	-1.69528	0.81775	0.867014	-1.15338	0.0383047	0.226712	-4.41088	0.317946	0.528259	-1.89301	0.0115986	0.142143	-7.03517	2.38908	14.4613	5.38053	1
cg07504373	BLOC1S3;TRAPPC6A	0.117171	0.041212	0.521301	-1.91828	0.992563	0.997425	-1.00258	0.414474	0.793948	-1.25953	0.00464905	0.353012	-2.83276	0.853289	1.05254	1.05254	0.858738	1.05051	1.05051	0.257487	0.721181	-1.38661	0.733477	0.909793	-1.09915	0.834427	0.943748	-1.05961	2.38906	2.89492	1.0771	1
cg10580941	PELI3;PELI3	0.117173	0.364133	0.877595	-1.13948	0.783804	0.962226	-1.03926	0.288737	1.16671	1.16671	0.0241053	0.686199	-1.4573	0.0289412	0.69729	-1.43412	0.176665	0.817842	-1.22273	0.435214	1.11791	1.11791	0.345172	1.14583	1.14583	0.82847	0.970077	-1.03085	2.38905	0.741698	0.275962	1
cg12646952	S100PBP;S100PBP	0.117173	0.185789	2.32089	2.32089	0.630535	0.747639	-1.33754	0.862098	1.10998	1.10998	0.2118	2.20202	2.20202	0.843454	1.12598	1.12598	0.267093	2.00142	2.00142	0.016598	5.78778	5.78778	0.0220138	5.19894	5.19894	0.0730368	3.31975	3.31975	2.38904	13.6273	5.07028	1
cg03650842	FAM123B	0.117173	0.452701	0.751129	-1.33133	0.0229872	0.361547	-2.76589	0.745316	0.885215	-1.12967	0.0631817	2.18523	2.18523	0.352034	0.698884	-1.43085	0.272632	0.652377	-1.53286	0.371163	0.709275	-1.40989	0.284578	0.659793	-1.51563	0.145313	1.79499	1.79499	2.38904	5.29494	1.97008	1
cg14239346	WDR93;PEX11A;PEX11A	0.117176	0.107667	0.666498	-1.50038	0.655585	1.10932	1.10932	0.214267	1.35278	1.35278	0.779606	0.937227	-1.06698	0.883635	0.966721	-1.03442	0.313479	0.785908	-1.27241	0.00514183	0.425699	-2.34908	0.699991	0.914408	-1.0936	0.796275	0.941964	-1.06161	2.38902	2.02068	0.751839	1
cg17695682	TREH	0.117176	0.0243225	0.187024	-5.3469	0.219362	0.446304	-2.24063	0.0531452	0.253504	-3.9447	0.0635882	0.271788	-3.67934	0.019342	0.170895	-5.85154	0.164331	0.395825	-2.52637	0.208322	0.436689	-2.28996	0.383915	0.572554	-1.74656	0.194895	0.424684	-2.35469	2.38902	14.7613	5.49229	1
cg04121731	ZNF267	0.117177	0.218392	0.279973	-3.57178	0.414982	0.440715	-2.26904	0.550052	0.551752	-1.81241	0.526543	0.532059	-1.87949	0.104559	0.17471	-5.72376	0.0961425	0.165843	-6.0298	0.00803875	0.0354695	-28.1933	0.0569535	0.120234	-8.31712	0.0684981	0.134605	-7.42917	2.38902	36.5868	13.613	1
cg15539330	NANOS1	0.117181	0.844919	0.932473	-1.07242	0.0863574	1.96675	1.96675	0.146131	1.74541	1.74541	0.0497581	2.22332	2.22332	0.580028	0.81911	-1.22084	0.351847	1.40783	1.40783	0.141077	1.75964	1.75964	0.0237446	2.6212	2.6212	0.370091	0.719931	-1.38902	2.38897	4.82227	1.79427	1
cg00692763	LIPG	0.117185	0.0360651	0.697291	-1.43412	0.38883	1.13952	1.13952	0.596866	0.924097	-1.08214	0.263802	0.841757	-1.18799	0.347836	0.866801	-1.15367	0.414573	1.13127	1.13127	0.104505	0.769185	-1.30008	0.460363	1.11757	1.11757	0.0547821	1.38009	1.38009	2.38894	0.827472	0.30789	1
cg25708912	DUSP21	0.117186	0.739037	1.08394	1.08394	0.409485	1.22554	1.22554	0.127056	0.671752	-1.48864	0.200576	0.721842	-1.38535	0.0416778	0.567716	-1.76144	0.314046	1.28535	1.28535	0.0469386	1.73037	1.73037	0.792951	0.938546	-1.06548	0.283439	0.764381	-1.30825	2.38893	2.19936	0.818353	1
cg08687825	PRSS35;PRSS35	0.117186	0.185743	0.755033	-1.32445	0.372508	0.832474	-1.20124	0.0107498	1.90001	1.90001	0.676662	0.919442	-1.08762	0.124764	0.716907	-1.39488	0.874469	0.968834	-1.03217	0.229158	0.776685	-1.28752	0.265185	0.792514	-1.26181	0.974388	0.993591	-1.00645	2.38893	1.51742	0.564613	1
cg24746677	CUX1;CUX1;CUX1	0.117187	0.19776	1.69578	1.69578	0.0104868	3.48911	3.48911	0.0230265	2.87096	2.87096	0.602232	1.2263	1.2263	0.797415	0.905025	-1.10494	0.652547	1.19223	1.19223	0.106479	1.98144	1.98144	0.659997	1.18737	1.18737	0.724904	0.871908	-1.14691	2.38892	5.69436	2.1188	1
cg27266176	PLEKHG3	0.117189	0.970729	0.98074	-1.01964	0.0385076	0.280651	-3.56315	0.105349	0.391468	-2.55449	0.717395	0.824765	-1.21247	0.871563	0.917814	-1.08954	0.155525	2.23784	2.23784	0.455707	1.49584	1.49584	0.0530751	0.311916	-3.20599	0.182383	2.11723	2.11723	2.38891	10.6293	3.95505	1
cg17845761	KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.11719	0.118329	0.503565	-1.98584	0.0106484	0.272743	-3.66645	0.339058	0.671199	-1.48987	0.853367	0.927877	-1.07773	0.0437476	0.391471	-2.55447	0.139548	0.525566	-1.90271	0.0736234	0.446234	-2.24098	0.0980014	0.479811	-2.08415	0.472067	0.743828	-1.3444	2.3889	6.1933	2.30448	1
cg20015168	C14orf101	0.11719	0.1082	0.796479	-1.25553	0.792584	1.03481	1.03481	0.65971	1.05922	1.05922	0.71683	0.953805	-1.04843	0.0233737	0.703445	-1.42158	0.98908	0.998225	-1.00178	0.0257139	0.708937	-1.41056	0.286507	1.15455	1.15455	0.487544	1.09591	1.09591	2.38889	0.637886	0.237352	1
cg27393325	MMACHC;CCDC163P	0.117191	0.267639	0.191348	-5.22609	0.937063	1.11974	1.11974	0.0260712	43.879	43.879	0.125158	10.7721	10.7721	0.148408	0.10862	-9.20643	0.398537	0.290024	-3.44799	0.368243	3.7565	3.7565	0.0754862	17.0088	17.0088	0.859222	1.28948	1.28948	2.38889	77.5901	28.8707	1
cg26558790	ECSIT;ECSIT;ECSIT;ECSIT	0.117192	0.132051	1.88345	1.88345	0.736849	0.876905	-1.14038	0.737278	1.14012	1.14012	0.835355	1.08444	1.08444	0.97629	1.01164	1.01164	0.0317752	0.375194	-2.66529	0.0186393	0.329295	-3.03679	0.750899	0.883339	-1.13207	0.306769	1.50999	1.50999	2.38888	5.73956	2.13566	1
cg01078378	CPSF6	0.117193	0.849151	0.965241	-1.03601	0.251628	1.24922	1.24922	0.0518519	1.50842	1.50842	0.201176	0.778173	-1.28506	0.0133541	0.565858	-1.76723	0.524432	0.887056	-1.12732	0.831528	0.961191	-1.04038	0.506767	0.882369	-1.13331	0.845896	1.03681	1.03681	2.38887	1.30602	0.485963	1
cg05812950	CSRP1;CSRP1;CSRP1;CSRP1	0.117194	0.93539	1.02196	1.02196	0.32158	1.31572	1.31572	0.00618197	2.60332	2.60332	0.806487	0.936355	-1.06797	0.683488	1.11609	1.11609	0.0410619	1.88071	1.88071	0.0840853	1.66884	1.66884	0.398214	1.26082	1.26082	0.44213	1.23367	1.23367	2.38885	2.71631	1.01073	1
cg00767977	SLC45A4	0.117197	0.0842312	0.567884	-1.76092	0.208722	0.675338	-1.48074	0.0313979	0.473429	-2.11225	0.0577899	0.529713	-1.88781	0.0223259	0.444403	-2.25021	0.567275	1.18683	1.18683	0.153101	0.635595	-1.57333	0.456711	0.798896	-1.25173	0.582409	0.848318	-1.1788	2.38883	3.31963	1.23524	1
cg08290995	C4orf46;C4orf46;ETFDH	0.117198	0.973806	0.985355	-1.01486	0.367061	0.659446	-1.51643	0.0132743	3.97031	3.97031	0.490794	0.730162	-1.36956	0.824661	0.905103	-1.10485	0.341407	0.643711	-1.55349	0.204676	1.82462	1.82462	0.232476	1.75527	1.75527	0.063119	2.55806	2.55806	2.38882	7.63877	2.84242	1
cg26686415	FKBP9	0.117198	0.175241	0.802529	-1.24606	0.658046	0.934283	-1.07034	0.839585	1.03141	1.03141	0.278681	0.842075	-1.18754	0.0188088	0.647695	-1.54394	0.530266	0.907538	-1.10188	0.00789594	0.594527	-1.68201	0.473822	0.89479	-1.11758	0.245473	0.830791	-1.20367	2.38882	0.881038	0.327838	1
cg01267315	RNF220;RNF220	0.117201	0.940142	1.04031	1.04031	0.0789031	0.358192	-2.7918	0.040346	0.287596	-3.4771	0.0827116	0.363794	-2.74881	0.80392	1.13985	1.13985	0.795616	0.872328	-1.14636	0.434675	0.657418	-1.5211	0.659425	0.791859	-1.26285	0.0414785	3.44577	3.44577	2.38879	10.4755	3.89802	1
cg19823710	C17orf42;C17orf42	0.117206	0.17766	1.1703	1.1703	0.520037	1.07421	1.07421	0.186067	1.16637	1.16637	0.834671	1.02321	1.02321	0.0146606	1.39078	1.39078	0.698947	0.958236	-1.04358	0.0901518	0.814632	-1.22755	0.822558	1.02496	1.02496	0.0973314	1.22107	1.22107	2.38875	0.455909	0.169651	1
cg09146197	GFRA1;GFRA1	0.117206	0.466106	0.912611	-1.09576	0.0461184	0.754458	-1.32545	0.448195	1.09999	1.09999	0.517261	1.08432	1.08432	0.72213	1.04501	1.04501	0.316273	0.88008	-1.13626	0.00753083	0.654427	-1.52805	0.799005	0.96903	-1.03196	0.777336	1.03557	1.03557	2.38874	0.575102	0.214004	1
cg14260773	LTBP1	0.11721	0.855025	0.954472	-1.0477	0.122349	0.652745	-1.53199	0.00529012	0.391967	-2.55124	0.65777	0.892628	-1.12029	0.899916	0.968453	-1.03258	0.619873	0.880388	-1.13586	0.264475	1.34489	1.34489	0.1952	0.705356	-1.41772	0.19959	0.708031	-1.41237	2.38872	2.45556	0.913763	1
cg09444226	APOLD1	0.11721	0.282578	0.582245	-1.71749	0.0973602	0.414276	-2.41385	0.194693	0.51453	-1.94352	0.28722	1.70792	1.70792	0.0180201	0.248615	-4.02229	0.681699	0.818925	-1.22111	0.0379578	0.311746	-3.20774	0.176055	0.498167	-2.00736	0.20286	0.521424	-1.91782	2.38871	8.87689	3.30328	1
cg20687242	CBX5;CBX5;CBX5	0.117211	0.803401	1.07013	1.07013	0.0155663	0.446598	-2.23915	0.193967	1.45272	1.45272	0.735358	1.09657	1.09657	0.14565	1.52887	1.52887	0.0821924	0.592599	-1.68748	0.230589	0.710526	-1.40741	0.902765	0.967335	-1.03377	0.798299	0.932781	-1.07206	2.3887	2.79339	1.03948	1
cg08651730	ACTL8	0.117214	0.376075	0.900029	-1.11108	0.58463	0.937999	-1.0661	0.331805	0.890389	-1.1231	0.360172	0.896658	-1.11525	0.186805	0.850225	-1.17616	0.0663923	1.26963	1.26963	0.0156702	1.40985	1.40985	0.767145	0.966155	-1.03503	0.750469	1.03769	1.03769	2.38867	0.508635	0.189277	1
cg23598068	BAIAP2L1	0.117214	0.514514	0.796331	-1.25576	0.0167983	0.365908	-2.73293	0.0731497	1.99081	1.99081	0.711152	0.879716	-1.13673	0.634751	1.17926	1.17926	0.247576	0.65934	-1.51667	0.0962002	0.532911	-1.87649	0.247834	0.659503	-1.51629	0.682204	1.1524	1.1524	2.38867	4.49096	1.67121	1
cg19653594	SPTBN4;BLVRB	0.117215	0.332953	0.650523	-1.53723	0.409133	1.43828	1.43828	0.39521	0.68737	-1.45482	0.987122	0.993075	-1.00697	0.332654	0.650339	-1.53766	0.729767	1.16101	1.16101	0.00699734	0.222774	-4.48886	0.0397841	0.359383	-2.78255	0.421103	0.701987	-1.42453	2.38867	7.01213	2.60941	1
cg06891164	C14orf79	0.117215	0.788491	1.08149	1.08149	0.0741313	1.78576	1.78576	0.391623	0.77435	-1.29141	0.0887294	1.72817	1.72817	0.0924325	0.582994	-1.71528	0.0740047	1.78631	1.78631	0.133467	0.623997	-1.60257	0.943912	0.979708	-1.02071	0.927851	1.02674	1.02674	2.38867	3.21157	1.19511	1
cg27128905	ZBTB33	0.117215	0.719135	0.861549	-1.1607	0.0639055	0.423408	-2.36179	0.00818581	0.247505	-4.04033	0.91632	1.04433	1.04433	0.940924	0.969877	-1.03106	0.859148	1.07606	1.07606	0.393125	0.69698	-1.43476	0.0334994	0.358775	-2.78727	0.514283	0.761151	-1.3138	2.38866	6.44244	2.39741	1
cg15604723	DUSP10;DUSP10	0.11722	0.827152	0.895033	-1.11728	0.123336	2.33139	2.33139	0.197727	0.501366	-1.99455	0.54093	1.36872	1.36872	0.017069	0.228877	-4.36915	0.802725	0.880789	-1.13535	?	?	?	0.0743711	0.364886	-2.74058	0.842266	0.9039	-1.10632	2.41224	8.73293	3.62026	1
cg26960083	EPHA1	0.117221	0.584967	1.66668	1.66668	0.0257525	11.6231	11.6231	0.0423444	8.72183	8.72183	0.208865	3.41115	3.41115	0.469494	1.97705	1.97705	0.852316	0.841458	-1.18841	0.057284	7.33024	7.33024	0.0334972	9.98263	9.98263	0.131212	4.52403	4.52403	2.38861	32.4566	12.0783	1
cg12095507	TTC8;TTC8;TTC8	0.117221	0.697874	1.11982	1.11982	0.42045	1.2697	1.2697	0.452983	1.24831	1.24831	0.993946	1.0022	1.0022	0.747159	0.910428	-1.09838	0.00509245	0.341635	-2.9271	0.413009	1.27481	1.27481	0.694367	1.12139	1.12139	0.171614	1.52532	1.52532	2.38861	3.18388	1.18484	1
cg27373220	DIP2C	0.117221	0.900411	1.02671	1.02671	0.0540091	0.630938	-1.58494	0.204681	0.754416	-1.32553	0.958648	1.01098	1.01098	0.260567	1.28029	1.28029	0.67586	1.09258	1.09258	0.0149732	1.87739	1.87739	0.282039	1.26541	1.26541	0.788402	0.944931	-1.05828	2.38861	1.67735	0.624203	1
cg25718402	CLDN7	0.117223	0.179385	2.43615	2.43615	0.99372	0.995098	-1.00493	0.751069	0.819793	-1.21982	0.860272	1.11629	1.11629	0.854688	1.12127	1.12127	0.828559	1.145	1.145	0.518994	1.50408	1.50408	0.0271364	5.1191	5.1191	0.00627329	9.23754	9.23754	2.38859	14.7464	5.48773	1
cg04737356	BMP1;BMP1;BMP1	0.117224	0.144684	0.531722	-1.88068	0.83984	1.08501	1.08501	0.525185	0.771366	-1.2964	0.0321567	0.363571	-2.7505	0.0169759	0.309194	-3.23422	0.0550181	0.415947	-2.40415	0.584902	0.800598	-1.24907	0.296614	0.646417	-1.54699	0.499352	1.31847	1.31847	2.38858	6.14953	2.28849	1
cg09256617	CD82;CD82;CD82;CD82	0.117224	0.0516931	1.43842	1.43842	0.0823169	0.729078	-1.3716	0.034342	1.4997	1.4997	0.517178	0.897797	-1.11384	0.989816	0.997907	-1.0021	0.741993	1.05574	1.05574	0.853377	1.03084	1.03084	0.805182	0.960241	-1.04141	0.119006	0.757461	-1.3202	2.38858	1.01963	0.379446	1
cg12784625	EPAS1;EPAS1	0.117224	?	?	?	0.209979	0.555264	-1.80094	0.387615	0.674134	-1.48338	0.755261	0.870021	-1.1494	0.136827	0.48985	-2.04144	0.697333	0.840264	-1.1901	0.108105	0.458113	-2.18287	0.0165024	3.68554	3.68554	0.911615	0.951757	-1.05069	2.4122	6.73382	2.79157	1
cg01799602	PIGS	0.117225	0.613172	0.722007	-1.38503	0.0207807	0.168934	-5.91946	0.175075	0.397936	-2.51297	0.637455	1.35431	1.35431	0.0785797	0.287	-3.48432	0.0728601	0.278475	-3.59098	0.102775	0.319652	-3.1284	0.6401	1.35104	1.35104	0.072107	0.277324	-3.60589	2.38858	15.4432	5.74704	1
cg21647170	CCT6A;PSPH;CCT6A	0.117225	0.0246659	0.666392	-1.50062	0.138001	1.27418	1.27418	0.26305	1.19366	1.19366	0.29084	0.846793	-1.18093	0.881086	0.977546	-1.02297	0.750448	0.952744	-1.0496	0.595954	0.922023	-1.08457	0.0971034	1.31818	1.31818	0.158324	1.25709	1.25709	2.38857	0.870704	0.324026	1
cg18656765	PPID	0.117227	0.0118936	0.544374	-1.83697	0.176219	0.756898	-1.32118	0.538311	1.12827	1.12827	0.548518	0.889053	-1.12479	0.425449	1.17076	1.17076	0.572017	0.895289	-1.11696	0.0778991	0.684211	-1.46154	0.509656	1.13833	1.13833	0.269107	1.24974	1.24974	2.38856	1.41938	0.528213	1
cg08612317	ZCCHC13	0.117228	0.342113	1.86108	1.86108	0.522647	0.662882	-1.50857	0.318212	0.519605	-1.92454	0.0792785	0.29046	-3.44282	0.00504738	0.095066	-10.519	0.56554	1.44575	1.44575	0.730707	0.803118	-1.24515	0.88255	0.910452	-1.09836	0.608764	0.720649	-1.38764	2.38855	15.2341	5.66932	1
cg07671055	PLCG2	0.117228	0.0401536	0.369325	-2.70764	0.861703	0.929373	-1.07599	0.202925	0.568581	-1.75877	0.95501	0.97658	-1.02398	0.0290841	0.339438	-2.94604	0.0780919	0.439416	-2.27575	0.0180523	0.299238	-3.34182	0.383155	0.686835	-1.45595	0.592774	0.797104	-1.25454	2.38854	6.67503	2.48409	1
cg12517452	ITGA1;PELO;PELO	0.117231	0.420952	0.934405	-1.0702	0.377	1.07768	1.07768	0.680247	0.966381	-1.03479	0.407613	1.0724	1.0724	0.0153934	1.27812	1.27812	0.920777	1.00824	1.00824	0.157237	1.13295	1.13295	0.0621412	1.18922	1.18922	0.174998	0.887776	-1.12641	2.38852	0.257603	0.0958671	1
cg01076459	RAP1GAP2;RAP1GAP2	0.117232	0.0813226	0.396758	-2.52043	0.0182023	0.253692	-3.94178	0.310459	0.605263	-1.65217	0.0691841	0.378054	-2.64513	0.17635	0.502732	-1.98913	0.065741	0.372347	-2.68567	0.0971549	0.418536	-2.38928	0.0403745	0.322118	-3.10446	0.362594	0.639106	-1.56468	2.38851	8.6586	3.22231	1
cg05337229	YBX1	0.117233	0.35508	1.22762	1.22762	0.0762712	0.653656	-1.52986	0.124706	0.698858	-1.43091	0.246541	1.29852	1.29852	0.870658	0.965482	-1.03575	0.771541	0.939167	-1.06477	0.0212007	1.81711	1.81711	0.265921	0.778879	-1.2839	0.889982	1.03029	1.03029	2.38851	1.75789	0.654205	1
cg10698910	PLXNB2	0.117235	0.667391	0.899575	-1.11164	0.820276	1.05729	1.05729	0.925115	0.977248	-1.02328	0.0561474	1.69811	1.69811	0.0283218	0.530608	-1.88463	0.867731	1.04165	1.04165	0.09391	1.56974	1.56974	0.0812931	1.60492	1.60492	0.866719	1.04198	1.04198	2.38848	2.26697	0.843666	1
cg17308286	ZNF384;ZNF384;ZNF384;ZNF384;ZNF384;ZNF384;ZNF384	0.117236	0.264863	0.752856	-1.32828	0.187728	1.40642	1.40642	0.246295	1.34474	1.34474	0.156251	0.690372	-1.44849	0.29176	0.765491	-1.30635	0.0235885	0.516634	-1.93561	0.913929	0.973933	-1.02676	0.0669563	0.605515	-1.65149	0.705379	1.09723	1.09723	2.38847	2.2576	0.840183	1
cg01687402	EPN3	0.117236	0.591544	0.908071	-1.10124	0.0213373	1.63641	1.63641	0.232539	0.800215	-1.24966	0.581935	1.10406	1.10406	0.0719571	0.699356	-1.42989	0.200372	1.27226	1.27226	0.119467	1.35092	1.35092	0.754118	1.05753	1.05753	0.752781	1.05786	1.05786	2.38847	1.19889	0.446175	1
cg23599860	ARID4A;ARID4A;ARID4A	0.117237	0.142559	0.385578	-2.59351	0.950827	0.963398	-1.03799	0.248058	0.481848	-2.07534	0.324401	0.54046	-1.85028	0.0233286	0.19422	-5.14879	0.315419	0.533852	-1.87318	0.00901137	0.134311	-7.44543	0.397564	0.592297	-1.68834	0.0983711	0.334197	-2.99225	2.38847	13.8293	5.1467	1
cg05605921	EPHX1	0.117237	0.189985	1.24835	1.24835	0.125525	1.30336	1.30336	0.225522	1.22556	1.22556	0.760729	1.05002	1.05002	0.270338	1.2013	1.2013	0.63363	0.926139	-1.07975	0.0161963	0.624997	-1.60001	0.213088	1.23311	1.23311	0.310651	1.1825	1.1825	2.38847	0.965981	0.359498	1
cg23384615	PTPRN2;PTPRN2;PTPRN2	0.11724	0.0503338	0.354318	-2.82233	0.515203	1.3592	1.3592	0.738649	1.16851	1.16851	0.900663	0.943576	-1.0598	0.00932523	0.21572	-4.63565	0.122461	0.459127	-2.17805	0.172711	0.509206	-1.96384	0.546218	0.752752	-1.32846	0.214732	0.544754	-1.83569	2.38844	8.18206	3.04506	1
cg04516757	POR	0.117243	0.606236	1.1568	1.1568	0.432263	0.798905	-1.25171	0.0891682	0.591494	-1.69064	0.628254	1.14646	1.14646	0.00963608	0.39939	-2.50382	0.971102	0.989903	-1.0102	0.199173	1.46233	1.46233	0.66559	0.885314	-1.12954	0.140499	0.641359	-1.55919	2.38841	2.96838	1.10474	1
cg25837904	TRIM2;TRIM2	0.117244	0.73906	1.19447	1.19447	0.964198	1.02415	1.02415	0.488261	0.687776	-1.45396	0.624546	1.29979	1.29979	0.0413469	0.286266	-3.49326	0.980174	0.986878	-1.0133	0.0445059	3.40937	3.40937	0.0397272	3.53967	3.53967	0.230911	1.95042	1.95042	2.3884	10.6889	3.97807	1
cg12259140	UCN2	0.117246	0.319344	0.830208	-1.20452	0.346418	0.839186	-1.19163	0.82553	0.960866	-1.04073	0.744765	1.06085	1.06085	0.293827	1.21761	1.21761	0.313176	1.20759	1.20759	0.00529305	1.94382	1.94382	0.444172	0.868444	-1.15148	0.780283	0.950692	-1.05187	2.38839	1.23675	0.460284	1
cg13722419	TANC1;TANC1	0.117247	0.187922	0.709705	-1.40904	0.0870567	0.628545	-1.59097	0.0797471	0.620118	-1.6126	0.194956	1.40059	1.40059	0.189607	1.40698	1.40698	0.227085	1.36566	1.36566	0.118174	1.51725	1.51725	0.601919	0.878677	-1.13807	0.574255	0.869799	-1.14969	2.38837	2.28437	0.850181	1
cg11195059	LAMB4	0.117247	0.882136	0.92529	-1.08074	0.104951	0.395605	-2.52777	0.0426376	0.294768	-3.3925	0.623271	0.771722	-1.2958	0.170296	0.465633	-2.14761	0.376279	0.621748	-1.60837	0.0197897	0.229277	-4.36154	0.756808	1.17654	1.17654	0.0291934	0.260539	-3.83819	2.38837	10.3619	3.85642	1
cg19479042	POU6F1;POU6F1;POU6F1	0.11725	0.0145115	0.245908	-4.06657	0.0298069	0.303904	-3.29051	0.168719	0.505025	-1.9801	0.203846	0.535414	-1.86771	0.0315819	0.309058	-3.23564	0.253584	0.573836	-1.74266	0.84033	0.910311	-1.09853	0.775917	0.875518	-1.14218	0.565904	0.763124	-1.3104	2.38834	8.20812	3.05488	1
cg05092861	HOXA10	0.117252	0.853969	0.953663	-1.04859	0.0487075	0.560054	-1.78554	0.0417144	0.546344	-1.83035	0.86032	0.955658	-1.0464	0.122464	0.649864	-1.53878	0.551142	0.856172	-1.16799	0.0439202	0.550865	-1.81533	0.129722	1.52425	1.52425	0.708142	0.907705	-1.10168	2.38833	2.50815	0.933481	1
cg26054057	CTDSPL;MIR26A1;CTDSPL	0.117252	0.535552	0.688067	-1.45335	0.431657	1.61324	1.61324	0.287848	1.93009	1.93009	0.0742151	3.27223	3.27223	0.0941458	0.333985	-2.99415	0.335558	0.553365	-1.80713	0.38781	0.590105	-1.69461	0.0259251	4.83366	4.83366	0.850058	0.893352	-1.11938	2.38833	13.4316	4.99897	1
cg06493810	TRPC3;TRPC3	0.117253	0.47028	0.838999	-1.1919	0.0246468	0.527558	-1.89553	0.010571	0.463667	-2.15672	0.853932	0.956911	-1.04503	0.176355	0.709264	-1.40991	0.519823	0.855621	-1.16874	0.707805	0.913946	-1.09416	0.591418	1.13826	1.13826	0.0943365	0.644341	-1.55197	2.38832	2.16049	0.804097	1
cg20284773	PRCC;PRCC	0.117254	0.146516	1.18703	1.18703	0.844072	1.0219	1.0219	0.951325	1.00674	1.00674	0.322701	1.11894	1.11894	0.949261	0.993023	-1.00703	0.231494	1.14806	1.14806	0.876808	0.983078	-1.01721	0.0151063	1.38885	1.38885	0.0124824	1.4077	1.4077	2.38831	0.457822	0.170394	1
cg02758899	SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.117256	0.299132	2.20125	2.20125	0.531852	1.59091	1.59091	?	?	?	?	?	?	0.0138154	0.10741	-9.31013	?	?	?	?	?	?	0.838524	0.861046	-1.16138	0.918267	0.927502	-1.07816	2.52603	11.9485	7.56826	1
cg01543116	XKRX	0.11726	0.323176	0.65252	-1.53252	0.0205605	0.311243	-3.21293	0.906603	1.05033	1.05033	0.138133	1.95018	1.95018	0.0353656	0.358768	-2.78731	0.138245	0.512886	-1.94975	0.631513	0.816966	-1.22404	0.732316	1.15447	1.15447	0.923225	1.04115	1.04115	2.38826	6.62027	2.46401	1
cg17170446	C11orf58;C11orf58	0.117261	0.65929	0.915893	-1.09183	0.74652	1.06633	1.06633	0.340303	0.823172	-1.21481	0.105615	0.704655	-1.41913	0.257681	1.2635	1.2635	0.0193687	0.571265	-1.7505	0.311158	1.23058	1.23058	0.313968	0.813668	-1.229	0.0561044	0.651549	-1.5348	2.38824	1.48303	0.551975	1
cg24570042	GLDN	0.117261	0.168787	2.33024	2.33024	0.0126823	5.97398	5.97398	0.189129	2.23137	2.23137	0.186807	2.24196	2.24196	0.837069	0.887982	-1.12615	0.399183	1.64539	1.64539	0.106443	2.76518	2.76518	0.0293926	4.39393	4.39393	0.106686	2.76287	2.76287	2.38824	12.591	4.68631	1
cg10992590	SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;FAM128B;SMPD4	0.117264	0.0987496	0.667629	-1.49784	0.21162	0.745509	-1.34137	0.459123	0.845159	-1.18321	0.463758	1.18109	1.18109	0.170517	0.721987	-1.38507	0.806593	1.05627	1.05627	0.00487343	0.434766	-2.30009	0.590724	0.885887	-1.12881	0.613195	0.892464	-1.12049	2.38822	1.88403	0.70123	1
cg21849393	FLT3	0.117264	0.172219	5.46872	5.46872	0.0144708	33.8985	33.8985	0.0786879	9.81072	9.81072	0.372488	2.91717	2.91717	0.501927	2.21859	2.21859	0.0673177	10.9938	10.9938	0.656416	0.592413	-1.68801	0.0536941	12.9582	12.9582	0.126664	6.90269	6.90269	2.38822	51.7163	19.2487	1
cg15383633	KLHL34	0.117266	0.0850918	3.37875	3.37875	0.417688	1.6983	1.6983	0.550084	1.4721	1.4721	0.410686	1.71256	1.71256	0.745026	0.811658	-1.23205	0.0332018	4.91379	4.91379	0.0180667	6.27422	6.27422	0.0337889	4.8796	4.8796	0.303692	1.97635	1.97635	2.3882	15.4681	5.75723	1
cg01236506	FAM174A;FAM174A	0.117266	0.043212	0.784712	-1.27435	0.121282	1.19139	1.19139	0.450534	1.08344	1.08344	0.0812714	0.81753	-1.2232	0.774414	0.970488	-1.03041	0.515739	0.933608	-1.07111	0.0473272	0.789346	-1.26687	0.163122	0.85626	-1.16787	0.392559	0.912737	-1.09561	2.3882	0.411033	0.152987	1
cg00395632	MAPK11	0.117267	0.956159	0.983896	-1.01637	0.00337449	3.24598	3.24598	0.956456	0.984004	-1.01626	0.655499	0.875806	-1.1418	0.61758	1.16027	1.16027	0.342431	1.33491	1.33491	0.57119	0.844503	-1.18413	0.330509	0.743391	-1.34519	0.813038	0.932423	-1.07247	2.38819	3.29875	1.2278	1
cg11828470	NLRP1;NLRP1;NLRP1;NLRP1;NLRP1	0.117268	0.0622932	0.271129	-3.68828	0.00681685	0.113029	-8.8473	0.0936081	0.317633	-3.14829	0.189217	0.421045	-2.37505	0.341628	0.54366	-1.83939	0.44174	0.613933	-1.62884	0.0954369	0.320048	-3.12453	0.116002	0.345599	-2.89353	0.571807	0.700928	-1.42668	2.38819	14.6311	5.44573	1
cg17050597	MSI1	0.11727	0.0607705	0.410087	-2.43851	0.187653	0.554991	-1.80183	0.191677	0.558302	-1.79115	0.40069	0.695766	-1.43726	0.0253418	0.325958	-3.06788	0.0289724	0.337683	-2.96136	0.051355	0.392395	-2.54845	0.185126	0.552889	-1.80868	0.0826439	0.444619	-2.24912	2.38817	6.72559	2.5033	1
cg02824099	CYGB	0.117272	0.0344195	0.507799	-1.96928	0.956724	0.985205	-1.01502	0.28698	0.738084	-1.35486	0.710377	0.902615	-1.10789	0.00617346	0.3749	-2.66738	0.907168	0.968465	-1.03256	0.163763	0.664851	-1.5041	0.402951	0.790489	-1.26504	0.141533	0.647764	-1.54377	2.38814	2.85374	1.06219	1
cg14313576	KY	0.117279	0.070797	0.41471	-2.41132	0.654054	0.821466	-1.21734	0.0427798	0.361794	-2.76401	0.357127	0.661723	-1.51121	0.0123683	0.257242	-3.88738	0.0660389	0.406947	-2.45732	0.113038	0.471438	-2.12117	0.385133	0.678274	-1.47433	0.135336	0.49569	-2.01739	2.38809	7.18938	2.67602	1
cg07273675	LOC113230	0.117279	0.639016	1.08923	1.08923	0.018823	1.67331	1.67331	0.626459	1.09279	1.09279	0.456647	1.14699	1.14699	0.402293	1.16773	1.16773	0.548197	0.895907	-1.11619	0.0292265	0.628286	-1.59163	0.258349	0.807869	-1.23782	0.982069	0.995943	-1.00407	2.38808	1.23776	0.460718	1
cg05239890	KIAA1688	0.117279	0.0420274	0.226624	-4.4126	0.0607762	0.262028	-3.81638	0.068638	0.274904	-3.63764	0.443642	1.64025	1.64025	0.042976	0.228623	-4.37401	0.0996488	0.318746	-3.13729	0.100145	0.31938	-3.13107	0.497069	0.646065	-1.54783	0.439509	0.606817	-1.64794	2.38808	15.1832	5.6515	1
cg09480264	SYCE1;SYCE1	0.117281	0.0328451	0.30826	-3.24402	0.901097	0.943072	-1.06036	0.0724588	0.388718	-2.57256	0.11612	0.447075	-2.23676	0.0317774	0.305281	-3.27567	0.291111	0.596638	-1.67606	0.279259	0.588421	-1.69946	0.0233417	0.278717	-3.58786	0.504377	0.7266	-1.37627	2.38807	8.40562	3.12875	1
cg15783822	PRR4;PRR4	0.117283	0.0454305	0.728628	-1.37244	0.0857751	0.769517	-1.29952	0.358171	0.87777	-1.13925	0.0805058	1.30666	1.30666	0.641998	0.937443	-1.06673	0.577586	0.925312	-1.08072	0.0836982	1.30227	1.30227	0.554528	1.08598	1.08598	0.669112	1.06111	1.06111	2.38804	0.720002	0.268002	1
cg06008378	PDLIM7;PDLIM7;PDLIM7	0.117286	0.0365502	0.611608	-1.63503	0.39456	0.838237	-1.19298	0.888688	1.02874	1.02874	0.939183	1.01556	1.01556	0.00472801	0.467943	-2.13701	0.386768	0.835666	-1.19665	0.837748	1.04236	1.04236	0.466251	0.860679	-1.16187	0.767556	0.941785	-1.06181	2.38801	1.54865	0.576453	1
cg12237893	TMCC3	0.117288	0.469811	0.675542	-1.48029	0.513297	1.42424	1.42424	0.708702	1.22163	1.22163	0.804116	1.14175	1.14175	0.00287681	0.112264	-8.90757	0.597245	0.752444	-1.329	0.569084	1.35931	1.35931	0.874354	0.919051	-1.08808	0.429684	0.650498	-1.53728	2.388	10.7614	4.00574	1
cg11842450	C14orf73	0.117289	0.28783	1.39462	1.39462	0.152973	1.58615	1.58615	0.817973	1.07196	1.07196	0.909111	1.03502	1.03502	0.321558	1.36162	1.36162	0.236352	1.45353	1.45353	0.0551181	1.92598	1.92598	0.00729753	2.83725	2.83725	0.055317	1.92468	1.92468	2.38799	3.43597	1.27898	1
cg08995556	GPR6	0.117291	0.0299587	0.577232	-1.73241	0.968734	0.991601	-1.00847	0.264681	0.778678	-1.28423	0.116938	0.693156	-1.44268	0.293373	0.790926	-1.26434	0.573663	0.884847	-1.13014	0.390183	1.20861	1.20861	0.33595	1.23801	1.23801	0.0566618	1.5908	1.5908	2.38797	1.75127	0.651885	1
cg20759600	TNXB	0.117294	0.0848482	0.559275	-1.78803	0.829012	1.06818	1.06818	0.149569	0.624274	-1.60186	0.761192	0.911237	-1.09741	0.157417	0.630636	-1.5857	0.565154	0.837515	-1.19401	0.0423073	0.490075	-2.0405	0.00891071	0.362489	-2.7587	0.224038	0.677393	-1.47625	2.38795	3.51682	1.3091	1
cg07477090	PHGDH	0.117298	0.165909	1.83007	1.83007	0.478609	0.744796	-1.34265	0.018914	0.312628	-3.19869	0.769396	1.12777	1.12777	0.136025	0.518364	-1.92914	0.166708	1.82772	1.82772	?	?	?	0.573485	0.792425	-1.26195	0.310347	0.650918	-1.53629	2.41151	5.67994	2.35534	1
cg18805164	SNX26	0.117301	0.12353	0.127025	-7.87247	0.728904	0.650281	-1.5378	0.838207	0.776558	-1.28773	0.216875	4.98853	4.98853	?	?	?	0.696405	0.6157	-1.62417	0.0722544	0.0836331	-11.957	0.0529896	15.179	15.179	0.10414	0.11107	-9.00333	2.41148	51.9379	21.5377	1
cg27319898	ZNF804B;ZNF804B	0.117302	0.519436	0.892562	-1.12037	0.0972614	1.37263	1.37263	0.419077	1.15453	1.15453	0.286031	1.21268	1.21268	0.813547	1.04198	1.04198	0.424659	1.15246	1.15246	0.0179164	0.606092	-1.64991	0.403304	0.861701	-1.1605	0.109041	1.35548	1.35548	2.38788	1.14555	0.426431	1
cg25890838	PDCD1;PDCD1	0.117302	0.968803	0.99036	-1.00973	0.229527	0.731775	-1.36654	0.183683	0.705145	-1.41815	0.731841	0.918331	-1.08893	0.680288	1.10808	1.10808	0.163251	1.44567	1.44567	0.0124039	2.16162	2.16162	0.455555	1.20712	1.20712	0.190716	0.709514	-1.40942	2.38788	2.32	0.86362	1
cg18095725	HIST1H2BD	0.117303	0.842369	1.13352	1.13352	0.0392053	4.49013	4.49013	0.0391866	4.49097	4.49097	0.311427	0.51729	-1.93315	0.0474786	0.240022	-4.16629	0.764728	0.827857	-1.20794	0.990843	0.992803	-1.00725	0.988902	0.991284	-1.00879	0.513346	0.658868	-1.51775	2.38787	14.9827	5.57735	1
cg05601199	AHRR	0.117305	0.961833	1.04154	1.04154	0.0108555	15.188	15.188	0.0328004	8.36305	8.36305	0.882806	1.13367	1.13367	0.168158	0.28675	-3.48735	0.993044	0.992613	-1.00744	0.896051	1.11759	1.11759	0.534293	0.58549	-1.70797	0.740474	1.32672	1.32672	2.38785	27.3563	10.1835	1
cg23824183	ZHX1;ZHX1	0.117306	0.92432	0.967749	-1.03333	0.0519807	2.14436	2.14436	0.123225	1.77913	1.77913	0.119132	1.79241	1.79241	0.584197	0.826393	-1.21008	0.867521	0.944025	-1.05929	0.172147	0.60566	-1.65109	0.0634936	0.486779	-2.05432	0.308495	1.43861	1.43861	2.38784	4.50209	1.67594	1
cg02162950	DIS3;DIS3;PIBF1	0.117306	0.850483	0.956704	-1.04526	0.490573	1.1785	1.1785	0.0498786	1.68976	1.68976	0.29901	0.776876	-1.28721	0.0496331	0.591373	-1.69098	0.815734	1.05628	1.05628	0.0887397	0.643795	-1.55329	0.128991	1.4693	1.4693	0.659304	1.10967	1.10967	2.38783	2.08051	0.774486	1
cg11286035	FAM167B	0.11731	0.229394	1.96443	1.96443	0.122618	2.44883	2.44883	0.179886	2.14366	2.14366	0.886134	1.07973	1.07973	0.468276	0.673633	-1.48449	0.167009	2.20049	2.20049	0.109147	2.54785	2.54785	0.0092027	5.87187	5.87187	0.106875	2.5661	2.5661	2.3878	10.8386	4.0348	1
cg05889198	BANP;BANP	0.117315	0.664519	1.11409	1.11409	0.381088	1.24912	1.24912	0.0539268	1.71906	1.71906	0.179503	1.42335	1.42335	0.650833	0.893315	-1.11943	0.0951293	0.635048	-1.57468	0.216751	1.37963	1.37963	0.0340604	1.84499	1.84499	0.13768	1.48561	1.48561	2.38775	2.3184	0.863071	1
cg11975445	C3orf18;C3orf18	0.117317	0.375393	0.897143	-1.11465	0.133306	1.21313	1.21313	0.705055	1.04641	1.04641	0.693373	1.04841	1.04841	0.318375	1.13093	1.13093	0.198666	0.850391	-1.17593	0.397848	0.901873	-1.1088	0.68447	1.04995	1.04995	0.00804873	1.49934	1.49934	2.38774	0.538292	0.200391	1
cg18187144	DLGAP3	0.117317	0.831306	1.07503	1.07503	0.0411771	2.22304	2.22304	0.886086	0.95255	-1.04981	0.146418	0.589384	-1.69669	0.0715895	0.505456	-1.97841	0.380368	0.737005	-1.35684	0.798825	1.09047	1.09047	0.222771	1.54417	1.54417	0.0758833	0.511726	-1.95417	2.38773	4.34935	1.61915	1
cg07196426	TFAP2E	0.117322	0.138727	1.8362	1.8362	0.57783	1.23909	1.23909	0.74986	0.885179	-1.12972	0.889913	1.05423	1.05423	0.11416	1.92563	1.92563	0.142662	1.82361	1.82361	0.0060628	3.9218	3.9218	0.114265	1.9252	1.9252	0.897562	0.952075	-1.05034	2.38769	5.498	2.04679	1
cg11543304	SMURF1;SMURF1	0.117323	0.111577	0.363316	-2.75242	0.183174	0.438176	-2.28219	0.559164	0.708164	-1.4121	0.499909	1.49195	1.49195	0.00918315	0.14477	-6.90752	0.31955	0.548286	-1.82387	0.284615	0.522374	-1.91434	0.204456	2.18656	2.18656	0.323083	0.550847	-1.81539	2.38768	12.9075	4.80521	1
cg14341418	APOM	0.117323	0.775778	1.21367	1.21367	0.0237283	0.160304	-6.23815	0.887862	1.1004	1.1004	0.546117	1.5132	1.5132	0.0236387	0.160046	-6.24821	0.0703383	0.253666	-3.9422	0.940654	1.05179	1.05179	0.225269	0.421625	-2.37178	0.201277	0.400445	-2.49722	2.38768	17.3893	6.47369	1
cg07828472	MGMT	0.117325	0.0642322	0.282122	-3.54457	0.0283688	0.207062	-4.82948	0.0891274	0.319534	-3.12956	0.233939	0.467968	-2.1369	0.423356	0.607975	-1.64481	0.158982	0.400074	-2.49954	0.0182568	0.174902	-5.71749	0.667451	1.30087	1.30087	0.508904	0.665127	-1.50347	2.38766	14.0039	5.21344	1
cg07999201	LDB2;LDB2	0.117327	0.992966	1.00344	1.00344	0.811427	0.911062	-1.09762	0.653665	1.19244	1.19244	0.267257	0.637375	-1.56893	0.00574426	0.243935	-4.09945	0.0894434	0.482034	-2.07454	0.118922	0.517083	-1.93393	0.535175	1.27728	1.27728	0.679751	0.850643	-1.17558	2.38765	5.74282	2.13798	1
cg07580762	NDUFS2;NDUFS2	0.117328	0.27084	1.39245	1.39245	0.236745	0.699084	-1.43044	0.621187	0.86602	-1.15471	0.0199918	2.24964	2.24964	0.550807	0.840051	-1.1904	0.694044	0.892108	-1.12094	0.121465	1.62392	1.62392	0.860371	1.05216	1.05216	0.0427686	1.96098	1.96098	2.38764	3.15344	1.17399	1
cg09096612	PGP	0.117328	0.213658	1.3019	1.3019	0.781175	0.945439	-1.05771	0.608153	1.10981	1.10981	0.631	0.907098	-1.10242	0.209155	0.765892	-1.30567	0.0161785	0.552818	-1.80891	0.0475309	0.633404	-1.57877	0.496066	0.870011	-1.14941	0.279981	1.25392	1.25392	2.38764	1.535	0.571462	1
cg01548905	IRAK1BP1	0.117331	0.231963	0.765528	-1.30629	0.225751	1.31145	1.31145	0.405101	1.19908	1.19908	0.628417	0.90128	-1.10953	0.233031	1.30541	1.30541	0.0775112	1.51926	1.51926	0.0336324	0.589256	-1.69706	0.164761	0.729147	-1.37147	0.621936	1.11175	1.11175	2.38761	1.71776	0.639508	1
cg19273316	C1orf69	0.117331	0.162428	0.502131	-1.99151	0.288434	1.66371	1.66371	0.550896	1.32144	1.32144	0.435647	0.692548	-1.44394	0.0993897	0.434177	-2.30321	0.0322122	0.313908	-3.18565	0.153769	2.02464	2.02464	0.339464	0.634596	-1.57581	0.116025	0.45429	-2.20124	2.38761	8.06808	3.00369	1
cg10097464	ANKDD1A	0.117333	0.065496	0.48386	-2.06671	0.821797	1.08244	1.08244	0.06273	2.08629	2.08629	0.0740804	2.01175	2.01175	0.102988	1.87084	1.87084	0.156514	1.70272	1.70272	0.651119	0.852262	-1.17335	0.149985	1.71936	1.71936	0.788345	1.0991	1.0991	2.38759	4.6631	1.73605	1
cg12446198	COL4A2	0.117334	0.641332	0.889109	-1.12472	0.865503	0.958419	-1.04338	0.350961	0.786231	-1.27189	0.164297	0.689515	-1.4503	0.189836	1.41608	1.41608	0.0684237	1.66712	1.66712	0.027545	1.92114	1.92114	0.983005	1.00535	1.00535	0.178319	0.698875	-1.43087	2.38759	2.37341	0.883613	1
cg15066503	VIPR1	0.117334	0.169297	0.498218	-2.00715	0.358383	0.638023	-1.56734	0.0265224	0.286132	-3.49489	0.928892	1.04338	1.04338	0.0135192	0.233521	-4.28228	0.991836	1.00488	1.00488	0.956823	1.0261	1.0261	0.206183	0.530221	-1.88601	0.0671334	0.376693	-2.65468	2.38758	8.56095	3.18721	1
cg13233799	PTPRF;PTPRF;PTPRF;PTPRF	0.117336	0.245494	0.882441	-1.13322	0.096397	1.20677	1.20677	0.819664	0.976764	-1.02379	0.0818649	0.819952	-1.21958	0.169098	0.859988	-1.16281	0.319581	0.899517	-1.11171	0.761413	0.969133	-1.03185	0.0619891	1.24156	1.24156	0.190951	1.15323	1.15323	2.38756	0.400829	0.149229	1
cg09445448	FAM78A;FAM78A	0.117337	0.0323828	0.3905	-2.56082	0.0191931	0.345226	-2.89665	0.0174375	0.337432	-2.96356	0.795726	0.907209	-1.10228	0.560439	0.801737	-1.24729	0.744359	1.13068	1.13068	0.752933	0.888224	-1.12584	0.626689	0.831944	-1.202	0.547294	0.795645	-1.25684	2.38755	5.32785	1.98356	1
cg00306532	MORN1;RER1	0.117338	0.664239	0.916764	-1.09079	0.0558955	1.53876	1.53876	0.0327463	1.64395	1.64395	0.665994	1.09026	1.09026	0.0400167	1.60364	1.60364	0.145163	0.732486	-1.36521	0.995928	0.998985	-1.00102	0.848519	0.962664	-1.03878	0.7494	0.938219	-1.06585	2.38755	1.49727	0.557436	1
cg01483518	OR2Y1	0.117338	0.267593	0.6757	-1.47995	0.823401	0.926935	-1.07882	0.00583471	0.293671	-3.40517	0.66281	0.861633	-1.16059	0.184521	1.61244	1.61244	0.662576	0.861537	-1.16072	0.250683	1.50293	1.50293	0.681228	1.15051	1.15051	0.500533	0.792867	-1.26125	2.38755	4.35675	1.62203	1
cg03957435	ZNF157	0.11734	0.354836	1.44948	1.44948	0.0762368	0.463344	-2.15822	0.732413	0.874725	-1.14322	0.0473834	0.412858	-2.42214	0.0186022	0.32867	-3.04257	0.762208	0.888386	-1.12564	0.22154	1.65053	1.65053	0.94082	0.97146	-1.02938	0.584076	0.806059	-1.2406	2.38753	5.75086	2.14108	1
cg25733445	IGF1R	0.117341	0.816687	0.952682	-1.04967	0.00378376	0.442377	-2.26052	0.233836	0.770619	-1.29766	0.474278	0.859061	-1.16406	0.9485	1.01358	1.01358	0.344574	0.816083	-1.22537	0.209409	1.3181	1.3181	0.52407	0.873905	-1.14429	0.798373	0.947963	-1.05489	2.38752	1.64794	0.61354	1
cg26369098	REV3L	0.117342	0.660337	1.07817	1.07817	0.11018	1.34489	1.34489	0.159991	1.29112	1.29112	0.422235	0.869772	-1.14973	0.475376	1.13149	1.13149	0.233933	1.23661	1.23661	0.021499	0.624981	-1.60005	0.207727	0.797647	-1.25369	0.470521	0.882548	-1.13308	2.38751	1.0953	0.407788	1
cg19344870	STK4	0.117346	0.0447832	0.276942	-3.61087	0.118932	0.392642	-2.54685	0.392935	1.61458	1.61458	?	?	?	0.484185	1.47507	1.47507	0.0300849	0.239879	-4.16876	0.923048	0.948667	-1.05411	0.890018	1.07839	1.07839	?	?	?	2.5782	9.24822	3.58709	1
cg13826636	ACTG1;ACTG1	0.117346	0.0205929	1.71905	1.71905	0.374129	0.837595	-1.19389	0.708788	1.0756	1.0756	0.476028	0.868677	-1.15118	0.0299414	0.608876	-1.64237	0.248843	1.26384	1.26384	0.608493	0.90451	-1.10557	0.764419	1.06012	1.06012	0.449492	0.860961	-1.16149	2.38747	1.42691	0.531257	1
cg14858763	PANK4	0.117351	0.764203	1.04973	1.04973	0.186593	1.25342	1.25342	0.701553	0.939768	-1.06409	0.524855	1.10956	1.10956	0.344396	1.17014	1.17014	0.0708763	1.38484	1.38484	0.00459289	1.83799	1.83799	0.82179	0.964257	-1.03707	0.822545	0.964409	-1.0369	2.38742	0.984163	0.366425	1
cg10332700	ZNF415;ZNF415;ZNF415;ZNF415;ZNF415;ZNF415	0.117352	0.38407	1.6066	1.6066	0.0485553	3.3102	3.3102	0.0119606	5.29018	5.29018	0.972502	0.981856	-1.01848	0.546823	0.72331	-1.38253	0.652471	1.27229	1.27229	0.275891	1.826	1.826	0.0396863	3.53799	3.53799	0.256334	1.87652	1.87652	2.38742	10.6707	3.97293	1
cg09640718	GDPD1;GDPD1;GDPD1	0.117352	0.432229	0.869247	-1.15042	0.0180388	0.605183	-1.65239	0.225061	0.800302	-1.24953	0.873783	1.02818	1.02818	0.0705411	0.702341	-1.42381	0.45577	0.875638	-1.14202	0.0625512	1.44256	1.44256	0.733622	1.06154	1.06154	0.736698	0.94271	-1.06077	2.38742	1.15568	0.430284	1
cg09250703	PIR;PIR	0.117352	0.248015	0.334386	-2.99055	0.832748	0.825453	-1.21146	0.69321	1.43284	1.43284	0.558813	0.584931	-1.7096	0.480989	0.522167	-1.9151	0.300401	0.3778	-2.64691	0.550079	0.577816	-1.73066	0.834996	0.827621	-1.20828	0.00471825	30.1281	30.1281	2.38742	31.1112	11.5834	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06183338	COL23A1	0.117352	0.0559631	103.36	103.36	0.122339	36.1253	36.1253	0.240283	13.9277	13.9277	0.0988517	48.2654	48.2654	0.0482876	125.771	125.771	0.0515026	115.437	115.437	0.0689446	78.2755	78.2755	0.0513188	115.988	115.988	0.0708652	75.4559	75.4559	2.38741	173.528	64.6086	1
cg08553284	CCND2	0.117353	0.332075	0.8796	-1.13688	0.112897	1.2476	1.2476	0.546053	0.924663	-1.08147	0.199492	1.1898	1.1898	0.410101	1.11404	1.11404	0.958447	0.993342	-1.0067	0.0108007	0.663315	-1.50758	0.947708	1.00844	1.00844	0.330421	1.13741	1.13741	2.38741	0.621475	0.23139	1
cg14282634	NAV1	0.117356	0.0542704	0.18446	-5.42123	0.107291	0.25656	-3.89773	0.121767	0.273044	-3.66241	0.934895	0.93873	-1.06527	0.0104043	0.0823457	-12.1439	0.498023	0.58721	-1.70297	0.0766711	0.217871	-4.58987	0.141544	0.294237	-3.39862	0.174813	0.327299	-3.05531	2.38739	22.6455	8.43154	1
cg23146560	PCDHB1	0.117359	0.0547714	0.412959	-2.42155	0.0249514	0.338515	-2.95408	0.911275	0.955755	-1.04629	0.902912	0.951664	-1.05079	0.0541591	0.41179	-2.42842	0.10837	0.491117	-2.03618	0.0598515	0.422303	-2.36797	0.0722187	0.442836	-2.25817	0.60951	0.811283	-1.23262	2.38735	6.2318	2.3203	1
cg13970341	ABCA2;C9orf139;ABCA2	0.117361	0.270883	0.841247	-1.18871	0.105932	1.30514	1.30514	0.0673775	1.3622	1.3622	0.272426	0.841752	-1.188	0.858442	1.02729	1.02729	0.80057	0.962547	-1.03891	0.819552	0.966129	-1.03506	0.0995879	1.31284	1.31284	0.0296229	1.47133	1.47133	2.38734	0.859882	0.320164	1
cg16167240	BSX	0.117361	0.0128153	7.30506	7.30506	0.351755	0.539849	-1.85237	0.605173	0.714993	-1.39861	0.52198	0.658706	-1.51813	0.117814	0.335353	-2.98193	0.0911229	0.302075	-3.31044	0.366624	0.550658	-1.81601	0.59451	1.41286	1.41286	0.731371	0.801169	-1.24818	2.38733	15.6464	5.82571	1
cg20596162	DUOXA2	0.117361	0.210159	2.89107	2.89107	0.019528	9.66969	9.66969	0.546896	1.63246	1.63246	0.143565	3.5376	3.5376	0.780363	1.25198	1.25198	0.0853161	4.6145	4.6145	0.0918367	4.44614	4.44614	0.0240425	8.70268	8.70268	0.083012	4.67858	4.67858	2.38733	24.4354	9.09817	1
cg02762710	DNMT1;DNMT1	0.117361	0.465196	0.853375	-1.17182	0.121082	1.43132	1.43132	0.404685	1.19947	1.19947	0.106094	1.45719	1.45719	0.374329	1.21474	1.21474	0.0237688	0.562325	-1.77833	0.21065	1.32495	1.32495	0.470841	0.855142	-1.1694	0.287747	1.26549	1.26549	2.38733	1.72064	0.640656	1
cg25946538	KCNQ1;KCNQ1	0.117362	0.843445	1.04551	1.04551	0.510603	1.16206	1.16206	0.315335	0.791615	-1.26324	0.526508	0.865506	-1.15539	0.601234	1.12602	1.12602	0.167735	1.39228	1.39228	0.00373314	2.41437	2.41437	0.613981	1.12128	1.12128	0.803252	1.05779	1.05779	2.38733	1.9154	0.713173	1
cg07971493	MAP3K15	0.117367	0.165635	0.462933	-2.16014	0.731189	1.19677	1.19677	0.623906	1.29357	1.29357	0.0302977	3.76774	3.76774	0.0205284	4.27893	4.27893	0.215096	0.50677	-1.97328	0.871723	0.919274	-1.08782	0.876629	1.08428	1.08428	0.474474	1.46063	1.46063	2.38728	10.2581	3.81952	1
cg13557995	DAZAP1;DAZAP1	0.117368	0.301774	0.806148	-1.24047	0.236208	1.28403	1.28403	0.270097	1.26024	1.26024	0.402187	1.1885	1.1885	0.0108811	0.525202	-1.90403	0.875907	1.03198	1.03198	0.756063	1.06478	1.06478	0.358414	1.20952	1.20952	0.159495	0.738749	-1.35364	2.38727	1.53393	0.571151	1
cg26104690	PRKAR2B	0.117369	0.0458261	0.544439	-1.83675	0.843402	0.948826	-1.05393	0.464644	0.820649	-1.21855	0.496487	0.832451	-1.20127	0.0105907	0.425783	-2.34861	0.824562	0.942737	-1.06074	0.096427	0.615827	-1.62383	0.222594	1.40553	1.40553	0.967666	0.989292	-1.01082	2.38726	2.66709	0.993082	1
cg04746587	DPH2;DPH2	0.117371	0.0645861	0.594175	-1.68301	0.10479	1.55978	1.55978	0.188099	0.704865	-1.41871	0.0924803	0.62857	-1.59091	0.576634	0.868108	-1.15193	0.0764891	0.610096	-1.63909	0.179731	1.42948	1.42948	0.730831	0.917046	-1.09046	0.687266	1.10681	1.10681	2.38724	2.37746	0.885248	1
cg14102550	SHPRH;SHPRH	0.117377	0.404165	0.875544	-1.14215	0.0168166	0.634932	-1.57497	0.0948097	0.751364	-1.33091	0.587785	0.918314	-1.08895	0.0509957	0.707438	-1.41355	0.25742	1.20205	1.20205	0.285789	0.841464	-1.1884	0.0768692	0.736134	-1.35845	0.657177	0.932814	-1.07202	2.38719	0.916616	0.341309	1
cg25252977	LOC285830;LOC285830	0.117378	0.572613	0.853472	-1.17168	0.459225	1.23298	1.23298	0.126996	0.632111	-1.582	0.0671673	1.76855	1.76855	0.0766651	0.578547	-1.72847	0.545397	0.843604	-1.18539	0.783166	1.07968	1.07968	0.0615413	0.556946	-1.79551	0.192	1.46788	1.46788	2.38718	2.92001	1.08729	1
cg05384275	CD63;CD63	0.117381	0.035573	0.61258	-1.63244	0.0247476	0.58539	-1.70826	0.0310761	0.602334	-1.66021	0.0831077	0.680911	-1.46862	0.313161	0.811421	-1.23241	0.377935	0.834257	-1.19867	?	?	?	0.381092	0.835308	-1.19716	0.396803	0.840461	-1.18982	2.41073	1.36174	0.564866	1
cg08019621	TESC;TESC;TESC	0.117385	0.053855	0.584827	-1.70991	0.944529	0.983092	-1.0172	0.0394236	0.557711	-1.79304	0.589276	0.87496	-1.14291	0.0367372	0.551745	-1.81243	0.113241	1.52562	1.52562	0.890537	1.03432	1.03432	0.459345	0.83141	-1.20278	0.304624	0.770641	-1.29762	2.38712	2.2706	0.845498	1
cg26676326	PDGFA;PDGFA	0.117386	0.402574	1.31421	1.31421	0.906695	1.03811	1.03811	0.496718	1.24621	1.24621	0.00826518	0.340537	-2.93654	0.110278	1.74218	1.74218	0.421062	1.29975	1.29975	0.641772	0.86119	-1.16118	0.212441	1.52028	1.52028	0.888814	0.956363	-1.04563	2.3871	3.84635	1.43227	1
cg08040395	ENGASE	0.117389	0.637519	0.788895	-1.2676	0.922887	0.952777	-1.04956	0.771251	0.864456	-1.1568	0.255753	0.552798	-1.80898	0.405738	0.653775	-1.52958	0.237081	0.538545	-1.85686	0.012732	4.69542	4.69542	0.0893202	2.54982	2.54982	0.27271	1.76893	1.76893	2.38708	9.43749	3.51429	1
cg09872233	ALOX15	0.117391	0.378723	0.778794	-1.28404	0.258706	1.38574	1.38574	0.0866026	1.68877	1.68877	0.227687	0.704292	-1.41986	0.157534	0.658098	-1.51953	0.162288	0.661642	-1.51139	0.448534	0.8075	-1.23839	0.0487912	1.86442	1.86442	0.405717	0.790183	-1.26553	2.38707	2.89736	1.07891	1
cg16196812	PRLHR;PRLHR	0.117391	0.266717	0.74635	-1.33985	0.373073	0.793591	-1.26009	0.0650858	1.68818	1.68818	0.290913	0.757986	-1.31929	0.0537786	0.574852	-1.73958	0.115515	0.648836	-1.54122	0.0447601	0.558523	-1.79044	0.195487	0.707412	-1.4136	0.53087	0.851721	-1.17409	2.38706	2.41656	0.899874	1
cg04906985	MRPL48	0.117392	0.0626457	0.768597	-1.30107	0.455044	0.908836	-1.10031	0.722575	1.0458	1.0458	0.0102301	0.665845	-1.50185	0.24094	1.16675	1.16675	0.104214	0.799995	-1.25001	0.867905	1.02113	1.02113	0.622717	0.939601	-1.06428	0.39094	0.895447	-1.11676	2.38705	0.596664	0.222185	1
cg03688390	MAPK8IP3;MAPK8IP3	0.117395	0.381698	0.696143	-1.43649	0.0448829	2.53293	2.53293	0.118888	1.98047	1.98047	0.633189	1.21422	1.21422	0.804313	0.904637	-1.10542	0.0182173	0.314361	-3.18105	0.843825	1.08288	1.08288	0.503492	0.760266	-1.31533	0.659555	0.836129	-1.19599	2.38703	6.16148	2.29444	1
cg02067211	LOC100133091	0.117395	0.992163	0.991435	-1.00864	0.0622992	6.82411	6.82411	0.0281042	11.2301	11.2301	0.835529	1.19982	1.19982	0.727308	1.3594	1.3594	0.185082	3.51683	3.51683	0.0525531	0.13199	-7.57631	0.618878	1.55345	1.55345	0.428286	0.489897	-2.04125	2.72691	31.5495	7.71313	1
cg00865653	PTBP2	0.117398	0.491087	0.84537	-1.18291	0.326753	0.784142	-1.27528	0.548775	0.864401	-1.15687	0.344562	0.791497	-1.26343	0.236074	0.742149	-1.34744	0.104201	0.6527	-1.5321	0.0164518	2.02186	2.02186	0.163506	1.42927	1.42927	0.745938	0.92489	-1.08121	2.387	2.18078	0.812093	1
cg25350097	NPHP1;NPHP1;NPHP1;NPHP1	0.117398	0.0193392	0.116574	-8.57827	0.291314	0.435177	-2.29792	0.12825	0.286704	-3.48792	0.396464	0.516964	-1.93437	0.0690931	0.213211	-4.69018	0.369898	0.496751	-2.01308	0.0147107	0.102131	-9.79134	0.908664	1.09112	1.09112	0.916845	0.923713	-1.08259	2.387	21.8258	8.12764	1
cg07404921	LHX8	0.1174	0.514996	1.15408	1.15408	0.637659	0.902154	-1.10846	0.641016	1.1073	1.1073	0.6942	0.917808	-1.08955	0.163816	0.724328	-1.38059	0.91197	0.976282	-1.02429	0.0299415	0.574438	-1.74083	0.017243	1.87716	1.87716	0.832206	0.954992	-1.04713	2.38698	1.78109	0.663261	1
cg20280727	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.117403	0.0287519	0.639142	-1.5646	0.527084	0.894749	-1.11763	0.186454	1.27515	1.27515	0.104408	0.734874	-1.36078	0.794822	0.95578	-1.04627	0.332826	0.840825	-1.18931	0.24286	0.808887	-1.23627	0.459131	1.13975	1.13975	0.088965	1.3848	1.3848	2.38695	1.13856	0.423996	1
cg05927586	SCAND3	0.117404	0.930676	0.929007	-1.07642	0.169582	3.44987	3.44987	0.498521	0.559052	-1.78874	0.658379	0.68619	-1.45732	0.379028	0.465888	-2.14644	0.152753	0.273594	-3.65505	0.00692174	0.0519219	-19.2597	0.100164	0.217726	-4.59293	0.771857	0.781879	-1.27897	2.38695	27.0786	10.084	1
cg13763617	RNF5P1;RNF5;AGPAT1	0.117407	0.169276	0.561593	-1.78065	0.276929	0.640468	-1.56136	0.166332	1.78874	1.78874	0.138763	0.533712	-1.87367	0.678094	1.17876	1.17876	0.168404	0.560843	-1.78303	0.0160628	0.313184	-3.19301	0.244928	0.619252	-1.61485	0.506565	1.30412	1.30412	2.38692	5.8689	2.18558	1
cg19599803	HDGF;HDGF;HDGF	0.117408	0.060428	0.343634	-2.91008	0.126452	2.30258	2.30258	0.309588	1.69971	1.69971	0.819231	0.890938	-1.12241	0.0425877	0.307953	-3.24724	0.535898	0.728885	-1.37196	0.0448266	0.312937	-3.19553	0.93664	1.04092	1.04092	0.722423	0.835325	-1.19714	2.38691	9.62088	3.58284	1
cg22777952	FOXB1;FOXB1	0.117413	0.36519	1.24223	1.24223	0.524869	0.860519	-1.16209	0.0252238	0.537713	-1.85973	0.714713	0.917974	-1.08936	0.410827	0.821958	-1.21661	0.276605	1.30189	1.30189	0.0282043	0.546552	-1.82965	0.883355	1.03482	1.03482	0.220096	1.35066	1.35066	2.38686	2.05458	0.765143	1
cg04789776	KIAA1967;KIAA1967	0.117413	0.232721	0.676881	-1.47736	0.00663767	0.333301	-3.00029	0.697432	1.12958	1.12958	0.350625	1.34932	1.34932	0.214596	0.665351	-1.50297	0.900382	0.961698	-1.03983	0.208964	0.66164	-1.5114	0.716004	1.12069	1.12069	0.373936	1.32927	1.32927	2.38686	3.67653	1.36918	1
cg27231166	KIAA0564	0.117414	0.111242	0.296628	-3.37123	0.0936241	3.63854	3.63854	0.0158015	0.126023	-7.93505	0.886472	1.10524	1.10524	0.839352	1.15279	1.15279	0.626351	1.41014	1.41014	0.0883256	0.267877	-3.73306	0.937459	1.05651	1.05651	0.713545	0.772387	-1.29469	2.38685	18.5485	6.90767	1
cg07046101	KCNK15	0.117415	0.242834	1.3956	1.3956	0.0617477	1.77498	1.77498	0.0675287	0.572009	-1.74823	0.616935	0.871505	-1.14744	0.199064	0.690682	-1.44785	0.627002	0.87498	-1.14288	0.0457037	0.53539	-1.8678	0.279802	0.736084	-1.35854	0.379029	0.781824	-1.27906	2.38684	2.81158	1.04707	1
cg13560200	OGDH;OGDH;OGDH	0.117417	0.872047	1.01439	1.01439	0.169052	1.13874	1.13874	0.386798	1.08184	1.08184	0.0359128	0.8054	-1.24162	0.0799994	1.18797	1.18797	0.101919	0.853209	-1.17205	0.219668	0.89186	-1.12125	0.964025	1.00401	1.00401	0.446481	1.07123	1.07123	2.38683	0.297219	0.110689	1
cg24418420	SLC6A15;SLC6A15;SLC6A15;SLC6A15;SLC6A15;SLC6A15	0.117419	0.814093	0.904778	-1.10524	0.296115	1.58441	1.58441	0.630653	0.814001	-1.2285	0.831279	0.913349	-1.09487	0.860422	0.927961	-1.07763	0.553905	1.28963	1.28963	0.891419	0.943631	-1.05974	0.00369941	0.188947	-5.29248	0.295222	1.58586	1.58586	2.3868	6.82144	2.54043	1
cg07335376	MRPL15	0.11742	0.0485479	3.15658	3.15658	0.228232	0.524587	-1.90626	0.0359367	0.287991	-3.47234	0.356551	1.62211	1.62211	0.165103	0.469848	-2.12835	0.260312	0.549391	-1.8202	0.303444	0.580578	-1.72242	0.859402	1.09466	1.09466	0.482578	1.43914	1.43914	2.3868	9.83687	3.66343	1
cg19008649	IGFBP5	0.117421	0.133822	0.371361	-2.6928	0.598711	0.722285	-1.3845	0.944065	0.957924	-1.04392	0.141137	0.379242	-2.63684	0.0398743	0.233313	-4.28608	0.0758475	0.298064	-3.35499	0.021996	0.185795	-5.38228	0.046405	0.247176	-4.04571	0.132961	0.370419	-2.69965	2.38679	14.1876	5.28375	1
cg01452873	ZNF385B;MIR1258	0.117421	0.563556	0.912128	-1.09634	0.0275266	1.50768	1.50768	0.0365565	1.46623	1.46623	0.487753	0.894901	-1.11744	0.586418	0.917111	-1.09038	0.267667	1.19947	1.19947	0.274068	0.835882	-1.19634	0.598011	1.08742	1.08742	0.106919	1.31947	1.31947	2.38679	0.937869	0.349282	1
cg15737470	CLCN4	0.117423	0.0992054	0.159267	-6.27878	0.0969658	0.156894	-6.37374	0.917174	0.901007	-1.10987	0.21813	0.270295	-3.69966	0.141959	0.201899	-4.95297	0.0108151	0.0358753	-27.8743	?	?	?	0.40739	0.426489	-2.34473	?	?	?	2.57736	31.2077	12.1084	1
cg23029363	EGR1	0.117424	0.298145	2.50043	2.50043	0.622351	0.655828	-1.52479	0.0702399	0.17912	-5.58285	0.623124	0.656452	-1.52334	0.655951	1.4638	1.4638	0.691387	1.40363	1.40363	0.00597722	0.0471868	-21.1924	0.750372	1.31158	1.31158	0.881104	1.13562	1.13562	2.38677	27.2962	10.1658	1
cg26554699	WFIKKN2	0.117427	0.760641	1.07552	1.07552	0.87959	1.03678	1.03678	0.905121	0.971988	-1.02882	0.0417629	1.74925	1.74925	0.277729	0.764177	-1.3086	0.122784	1.48945	1.48945	0.0143063	2.05383	2.05383	0.615669	1.12817	1.12817	0.106693	1.52149	1.52149	2.38673	2.14607	0.799257	1
cg15817923	PAF1;MED29	0.117427	0.00707233	0.102158	-9.78875	0.3453	1.89087	1.89087	0.746407	0.808433	-1.23696	0.32204	0.511469	-1.95515	0.132979	2.89326	2.89326	0.390863	1.77929	1.77929	0.582988	0.69531	-1.43821	0.736294	1.24798	1.24798	0.658483	1.33849	1.33849	2.38673	16.2369	6.04709	1
cg01277372	MECOM	0.117428	0.022504	18.8046	18.8046	0.202082	4.24626	4.24626	0.613167	1.72861	1.72861	0.0901101	7.42891	7.42891	0.516885	0.493847	-2.02492	0.962866	1.05125	1.05125	0.747749	0.707208	-1.41401	0.0158765	23.8395	23.8395	0.853996	1.21868	1.21868	2.38673	43.5692	16.2265	1
cg23307056	SYVN1;SYVN1;SYVN1;SYVN1	0.11743	?	?	?	0.0319457	5.48271	5.48271	0.107596	3.17901	3.17901	?	?	?	?	?	?	?	?	?	0.050906	4.43258	4.43258	0.389824	1.76295	1.76295	0.832151	1.14503	1.14503	2.84865	9.70986	4.09029	1
cg24253367	FLJ25006;KIAA0100	0.117433	0.110605	0.604608	-1.65396	0.712963	0.89858	-1.11287	0.759182	0.914854	-1.09307	0.18517	0.665857	-1.50182	0.0199507	0.443545	-2.25456	0.0697742	0.556044	-1.79842	0.0163271	0.427516	-2.3391	0.139144	0.630839	-1.58519	0.477754	0.811475	-1.23232	2.38668	3.16625	1.17923	1
cg05452524	HLF	0.117435	0.839376	1.143	1.143	0.100769	3.32159	3.32159	0.253377	0.453529	-2.20493	0.0109357	0.11288	-8.85899	0.426544	0.584919	-1.70964	0.371993	0.54555	-1.83301	0.380191	0.551549	-1.81307	0.721732	0.790086	-1.26569	0.227544	2.31713	2.31713	2.52721	16.9876	5.22814	1
cg22364452	PCP4L1	0.117438	0.925845	1.02168	1.02168	0.10086	0.661021	-1.51281	0.0498515	0.597304	-1.67419	0.148894	0.700031	-1.42851	0.137801	1.44507	1.44507	0.0704811	1.59317	1.59317	0.732873	1.08212	1.08212	0.725625	0.922034	-1.08456	0.306709	0.783656	-1.27607	2.38663	2.00609	0.747158	1
cg13030908	MAD2L2;MAD2L2	0.117439	0.386835	1.19531	1.19531	0.02221	1.73553	1.73553	0.00911645	1.94693	1.94693	0.441291	0.853917	-1.17107	0.577236	1.11992	1.11992	0.812645	0.953369	-1.04891	0.818725	0.95488	-1.04725	0.7851	1.05651	1.05651	0.878422	0.969683	-1.03127	2.38663	1.52891	0.569437	1
cg22939866	FER1L5;FER1L5;FER1L5	0.11744	0.0623543	0.676857	-1.47742	0.942687	1.01347	1.01347	0.292143	0.816	-1.22549	0.374872	0.844132	-1.18465	0.299366	0.818648	-1.22153	0.552046	1.11843	1.11843	0.0167047	1.72208	1.72208	0.788409	0.951187	-1.05132	0.162432	0.757704	-1.31978	2.38662	1.30828	0.487267	1
cg12303247	SYT11	0.117441	0.0446474	0.178081	-5.61541	0.513942	0.60931	-1.6412	0.827726	0.849486	-1.17718	0.575791	1.52672	1.52672	0.152813	3.14574	3.14574	0.254107	2.43841	2.43841	0.212104	2.67453	2.67453	0.039159	5.96856	5.96856	0.144601	3.23119	3.23119	2.38661	21.1754	7.88676	1
cg10829427	RPUSD3;RPUSD3	0.117441	0.140356	0.729901	-1.37005	0.321796	0.816146	-1.22527	0.080586	1.46911	1.46911	0.406979	0.845041	-1.18337	0.624693	0.906772	-1.10281	0.127224	0.720812	-1.38733	0.0152651	0.553608	-1.80633	0.840438	0.960777	-1.04082	0.536978	1.13211	1.13211	2.38661	1.48917	0.554638	1
cg23973538	SNX8	0.117442	0.981299	0.992035	-1.00803	0.00816526	0.315036	-3.17424	0.0611041	0.486707	-2.05462	0.833356	1.07453	1.07453	0.155929	0.595736	-1.6786	0.54226	0.810198	-1.23427	0.196832	0.627775	-1.59293	0.567509	0.821049	-1.21795	0.0546553	0.475332	-2.10379	2.3866	4.40039	1.63893	1
cg00031340	GCSH;LOC100329108;GCSH	0.117447	0.229852	0.791495	-1.26343	0.209589	1.27818	1.27818	0.00892143	1.85426	1.85426	0.807093	0.95561	-1.04645	0.452402	0.867549	-1.15267	0.827654	0.96034	-1.0413	0.377275	0.845226	-1.18312	0.16519	1.31621	1.31621	0.389842	1.17768	1.17768	2.38655	1.30204	0.484956	1
cg20971970	NDUFA4L2	0.117448	0.457115	0.698689	-1.43125	0.140015	0.471527	-2.12077	0.721597	0.844168	-1.1846	0.797036	0.885125	-1.12978	0.329238	0.620799	-1.61083	0.131429	2.16204	2.16204	0.0107816	4.55665	4.55665	0.396601	0.662982	-1.50834	0.654492	0.807929	-1.23773	2.38654	8.47328	3.15595	1
cg12589298	KCNC3	0.11745	0.807078	0.901558	-1.10919	0.0241582	3.12278	3.12278	0.950368	0.973978	-1.02672	0.278482	1.61174	1.61174	0.865705	1.07433	1.07433	0.34941	0.664972	-1.50382	0.0506846	0.389404	-2.56803	0.87838	0.937197	-1.06701	0.0741071	2.32342	2.32342	2.38652	6.78136	2.5258	1
cg24361391	KRT15	0.117452	0.739691	1.28423	1.28423	0.252569	2.4512	2.4512	0.892712	1.10654	1.10654	0.663608	1.38862	1.38862	0.586672	0.662435	-1.50958	0.836008	0.855984	-1.16825	0.282935	0.433007	-2.30943	0.00353791	0.0515005	-19.4173	0.768641	0.801483	-1.24769	2.38651	21.2731	7.92347	1
cg22432024	PCCA;PCCA	0.117453	0.435107	0.554347	-1.80392	0.110559	3.62638	3.62638	0.0762991	4.31053	4.31053	0.961479	0.964851	-1.03643	0.0215878	0.12949	-7.72258	0.479423	0.587042	-1.70346	0.243905	2.46762	2.46762	0.312397	2.16884	2.16884	0.723644	1.30086	1.30086	2.38649	20.7458	7.72713	1
cg01656853	FUT2;FUT2	0.117453	0.0873939	2.70876	2.70876	0.0737404	2.86512	2.86512	0.22344	1.9649	1.9649	0.180553	2.11873	2.11873	0.736129	0.836443	-1.19554	0.509103	1.42428	1.42428	0.0276675	3.95391	3.95391	0.0180838	4.55439	4.55439	0.190263	2.08023	2.08023	2.38649	10.539	3.92544	1
cg18032891	C8orf48;C8orf48	0.117454	0.0909734	0.789005	-1.26742	0.0405659	0.740075	-1.35122	0.236413	1.17105	1.17105	0.232346	1.17283	1.17283	0.781204	1.03607	1.03607	0.0759163	0.777706	-1.28583	0.122359	0.808074	-1.23751	0.262434	0.861809	-1.16035	0.444313	0.905511	-1.10435	2.38649	0.612305	0.228063	1
cg17598378	ULK2;ULK2	0.117455	0.200466	1.9113	1.9113	0.0236548	3.64787	3.64787	0.128648	2.19608	2.19608	0.239796	1.80331	1.80331	0.7806	0.874802	-1.14312	0.288307	1.69565	1.69565	0.0550203	2.83544	2.83544	0.161293	0.4884	-2.0475	0.192772	1.93538	1.93538	2.38648	8.6731	3.23046	1
cg06871311	LOC100302401;RASAL2	0.117456	0.632852	0.972243	-1.02855	0.00615718	0.811391	-1.23245	0.273238	0.935485	-1.06896	0.791248	1.01564	1.01564	0.504195	1.04044	1.04044	0.0922336	0.897275	-1.11449	0.237544	0.930188	-1.07505	0.436141	1.04756	1.04756	0.894592	1.00778	1.00778	2.38647	0.129292	0.0481573	1
cg04885470	BSDC1;BSDC1;BSDC1;BSDC1	0.117457	0.0112043	0.446737	-2.23845	0.93311	0.978941	-1.02151	0.575455	1.15426	1.15426	0.027774	0.517136	-1.93373	0.378936	0.795437	-1.25717	0.784682	1.07191	1.07191	0.621142	1.13464	1.13464	0.477398	1.201	1.201	0.601941	1.14274	1.14274	2.38647	2.42964	0.904972	1
cg25663755	VILL	0.117465	0.0368078	0.262749	-3.80591	0.156233	0.433501	-2.3068	0.978395	0.985188	-1.01503	0.547011	1.39914	1.39914	0.0376962	0.264906	-3.77493	0.459069	0.660049	-1.51504	0.856466	1.10492	1.10492	0.0349414	0.258102	-3.87444	0.0909127	0.358334	-2.79069	2.38639	11.4778	4.27528	1
cg26573334	TPCN1;TPCN1	0.117465	0.989952	1.00804	1.00804	0.0102595	7.81983	7.81983	0.0441635	4.34813	4.34813	0.843705	0.882076	-1.13369	0.124775	0.347724	-2.87584	0.97305	1.02171	1.02171	0.445516	1.63943	1.63943	0.851719	0.887852	-1.12631	0.753036	1.22219	1.22219	2.38639	15.2719	5.68853	1
cg03639864	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.117471	0.285411	0.817272	-1.22358	0.0593177	0.67897	-1.47282	0.0238044	0.612253	-1.63331	0.980537	0.995573	-1.00445	0.659088	0.922429	-1.08409	0.400604	1.16938	1.16938	0.0645541	0.685498	-1.45879	0.203665	0.783483	-1.27635	0.0490532	0.664553	-1.50477	2.38634	1.25006	0.465635	1
cg24048759	BAI2	0.117472	?	?	?	0.553477	1.43728	1.43728	0.100178	0.331635	-3.01537	?	?	?	?	?	?	0.668429	1.29762	1.29762	0.138943	2.64649	2.64649	0.941044	0.956299	-1.0457	0.031152	0.208618	-4.79346	2.61186	9.8525	4.40091	1
cg17156534	TOP1	0.117473	0.121012	0.579033	-1.72702	0.0679679	0.514623	-1.94317	0.419017	1.3078	1.3078	0.818539	0.92804	-1.07754	0.0601248	0.502021	-1.99195	0.424294	0.767068	-1.30367	0.0183272	0.39444	-2.53524	0.0903983	0.545327	-1.83376	0.96614	1.01389	1.01389	2.38631	3.99135	1.48676	1
cg22705114	SPC24	0.117478	0.170562	0.778967	-1.28375	0.818054	0.961327	-1.04023	0.226039	1.24307	1.24307	0.233266	1.23851	1.23851	0.124722	0.752408	-1.32907	0.104692	0.73821	-1.35463	0.444562	0.875117	-1.1427	0.0177463	0.610508	-1.63798	0.860542	1.03056	1.03056	2.38627	1.10716	0.412417	1
cg22220936	ST8SIA1	0.11748	0.0252021	0.179086	-5.58392	0.221709	0.436094	-2.29308	0.615102	0.720671	-1.3876	0.228566	0.441971	-2.26259	0.037937	0.211199	-4.73488	0.401175	0.573946	-1.74232	0.01161	0.130211	-7.67983	0.293695	0.494716	-2.02136	0.241551	0.452907	-2.20796	2.38625	15.778	5.87738	1
cg25148336	EAF1;METTL6	0.117482	0.579815	0.915649	-1.09212	0.351252	1.1632	1.1632	0.522476	0.902906	-1.10754	0.0122712	0.611699	-1.63479	0.365447	0.863702	-1.15781	0.819071	1.03676	1.03676	0.766042	0.954068	-1.04814	0.215091	1.22829	1.22829	0.0694399	1.37715	1.37715	2.38623	0.938377	0.349552	1
cg16181859	NCOR2;NCOR2	0.117483	0.439269	0.842248	-1.1873	0.0300283	1.74274	1.74274	0.459069	1.1783	1.1783	0.130437	1.42687	1.42687	0.727572	0.926711	-1.07909	0.153001	1.39524	1.39524	0.447067	0.844799	-1.18371	0.10043	1.47945	1.47945	0.0386471	1.68413	1.68413	2.38623	1.79011	0.666828	1
cg05637360	PPFIBP1;PPFIBP1	0.117483	0.0739745	0.733309	-1.36368	0.587005	0.918119	-1.08918	0.156797	0.789867	-1.26604	0.430511	0.882203	-1.13353	0.00648795	0.576289	-1.73524	0.339701	0.857895	-1.16564	0.117281	0.767206	-1.30343	0.205381	0.812121	-1.23134	0.0590587	0.717467	-1.39379	2.38622	0.916915	0.341559	1
cg23094080	DGAT1;DGAT1	0.117484	0.655028	0.941997	-1.06157	0.2924	1.15621	1.15621	0.346722	1.1374	1.1374	0.547814	0.922366	-1.08417	0.450129	1.10766	1.10766	0.935112	0.989239	-1.01088	0.00868311	0.641192	-1.55959	0.131641	1.24141	1.24141	0.315926	1.14771	1.14771	2.38622	0.667227	0.248549	1
cg02526790	TG	0.117486	0.181702	0.395966	-2.52547	0.00858771	0.111862	-8.9396	0.0921732	0.297796	-3.358	0.928374	0.94294	-1.06051	0.10435	0.313417	-3.19064	0.33355	0.52111	-1.91898	0.0685158	0.263792	-3.79086	0.604135	1.40748	1.40748	0.464932	0.615079	-1.62581	2.3862	16.1387	6.01186	1
cg09990169	C2orf54	0.117488	0.329373	0.57453	-1.74055	0.016273	0.198364	-5.04125	0.029793	0.244672	-4.08711	0.545252	0.713874	-1.40081	0.182985	0.459347	-2.177	0.461864	0.662074	-1.5104	0.0298483	0.244828	-4.0845	0.0920458	0.360222	-2.77607	0.618112	0.758277	-1.31878	2.38618	11.4552	4.26723	1
cg20028411	COQ6;COQ6;COQ6;FAM161B	0.117491	0.959813	0.989233	-1.01088	0.343192	1.23341	1.23341	0.850961	1.04124	1.04124	0.00635328	0.466182	-2.14508	0.827483	1.048	1.048	0.0963979	0.67559	-1.48019	0.103775	0.682378	-1.46546	0.483607	0.858179	-1.16526	0.767383	0.938262	-1.0658	2.38616	1.74417	0.649737	1
cg17290554	ZNF789	0.117491	0.450129	1.49124	1.49124	0.400853	0.639837	-1.5629	0.486837	0.692896	-1.44322	0.408469	1.5512	1.5512	0.936274	1.0424	1.0424	0.0338561	0.276243	-3.62001	0.0123884	0.198572	-5.03596	0.597456	0.75826	-1.31881	0.125772	0.423033	-2.36388	2.38615	10.1908	3.79627	1
cg13951527	HIC1	0.117492	0.260192	0.851688	-1.17414	0.0347742	0.714368	-1.39984	0.0154276	0.666125	-1.50122	0.21036	0.834917	-1.19772	0.752794	0.95773	-1.04414	0.0425766	0.726764	-1.37596	0.867168	1.02315	1.02315	0.667491	0.942636	-1.06086	0.597117	1.07564	1.07564	2.38614	0.706101	0.263038	1
cg12611296	TBC1D4	0.117492	0.504363	1.4412	1.4412	0.833235	0.89249	-1.12046	0.661926	1.26788	1.26788	0.235272	1.95626	1.95626	0.229783	1.97336	1.97336	0.901888	0.935635	-1.06879	0.00683648	0.151092	-6.61847	0.242613	0.517027	-1.93413	0.459645	1.501	1.501	2.38614	10.9973	4.09672	1
cg13703866	TPO;TPO;TPO;TPO	0.117494	0.301189	0.480695	-2.08032	0.113291	0.307759	-3.2493	0.454711	0.594098	-1.68322	0.034258	0.184695	-5.41434	0.00942959	0.105383	-9.48919	0.452739	0.592695	-1.68721	0.195056	0.391717	-2.55287	0.253468	0.442402	-2.26039	0.0514706	0.219574	-4.55427	2.38613	17.6712	6.58294	1
cg00218620	MIR375	0.117495	0.0519568	5.26368	5.26368	0.0671377	4.66993	4.66993	0.146484	3.22412	3.22412	0.131767	3.3937	3.3937	0.0403255	5.92417	5.92417	0.0639628	4.77691	4.77691	0.731694	1.295	1.295	0.107587	3.73966	3.73966	0.0380347	6.08816	6.08816	2.38612	21.3192	7.94192	1
cg00042568	NR2C2	0.117495	0.0798961	0.458144	-2.18272	0.208077	1.70426	1.70426	0.968082	0.984056	-1.0162	0.243902	0.612799	-1.63186	0.0153745	0.302779	-3.30274	0.938468	0.969465	-1.0315	0.0714318	0.445453	-2.2449	0.243594	0.612585	-1.63243	0.213104	0.590568	-1.69329	2.38612	6.09717	2.27135	1
cg21068907	FGD5	0.117495	0.59733	1.08815	1.08815	0.816016	1.03763	1.03763	0.0971681	0.749393	-1.33441	0.612404	1.08433	1.08433	0.904318	0.981123	-1.01924	0.245991	1.21201	1.21201	0.00612104	1.76285	1.76285	0.340571	1.16841	1.16841	0.656328	0.931486	-1.07355	2.38612	0.94905	0.353545	1
cg16543943	ITFG1	0.117495	0.609191	0.877266	-1.13991	0.768877	1.0777	1.0777	0.463168	0.827251	-1.20882	0.249866	0.736833	-1.35716	0.73526	1.09001	1.09001	0.420822	1.23227	1.23227	0.00420776	2.64707	2.64707	0.551042	0.85797	-1.16554	0.529277	1.17569	1.17569	2.38612	2.43732	0.907964	1
cg00045070	PCSK9	0.117498	0.87113	0.760559	-1.31482	0.00570929	0.00168675	-592.854	0.887378	1.26984	1.26984	0.806445	0.661056	-1.51273	0.803225	0.656404	-1.52345	0.66486	2.08633	2.08633	0.575915	0.385162	-2.59631	0.48041	0.297558	-3.36068	0.0807879	27.5825	27.5825	2.52656	111.305	34.2643	1
cg06809298	COX7A2;COX7A2	0.117499	0.0274655	0.269569	-3.70962	0.0102255	0.196433	-5.0908	0.196426	0.50329	-1.98693	0.793124	1.14124	1.14124	0.62658	0.781556	-1.2795	0.195133	0.502175	-1.99134	0.0951952	0.397891	-2.51325	0.191584	0.499098	-2.00362	0.641017	0.789742	-1.26624	2.38608	9.54854	3.55713	1
cg01771850	TBCD	0.117504	0.97856	0.986764	-1.01341	0.0950676	2.48295	2.48295	0.293987	1.71549	1.71549	0.259788	1.79113	1.79113	0.0132185	0.218095	-4.58515	0.524326	0.72621	-1.37701	0.754213	1.16851	1.16851	0.136857	2.21345	2.21345	0.806411	1.12946	1.12946	2.38604	9.2901	3.46091	1
cg17296166	PNMAL1;PNMAL1	0.117506	0.268794	1.32373	1.32373	0.816273	1.05831	1.05831	0.265737	1.32631	1.32631	0.577174	0.871843	-1.147	0.0166421	0.49067	-2.03803	0.0653134	0.604222	-1.65502	0.217613	1.3714	1.3714	0.446557	1.20794	1.20794	0.77521	0.932657	-1.07221	2.38602	2.24065	0.834733	1
cg19046253	CACNB4;CACNB4;CACNB4	0.117507	0.988111	0.997048	-1.00296	0.0294435	0.601173	-1.66341	0.507243	1.14282	1.14282	0.617819	0.905005	-1.10497	0.455118	0.859883	-1.16295	0.0315122	0.60625	-1.64948	0.0563519	0.651311	-1.53536	0.841054	0.960939	-1.04065	0.0474258	0.637617	-1.56834	2.38601	1.48793	0.554319	1
cg13319823	ZNF599	0.117509	0.575632	0.731327	-1.36738	0.371621	0.601983	-1.66118	0.0332395	0.252343	-3.96286	0.369017	1.66603	1.66603	0.709611	1.22992	1.22992	0.532677	0.704949	-1.41854	0.704957	1.23425	1.23425	0.00807185	0.153025	-6.53489	0.965767	0.976535	-1.02403	2.38599	11.5669	4.30918	1
cg11166741	C7orf25;C7orf25;C7orf25	0.117509	0.784319	0.949476	-1.05321	0.93899	0.985638	-1.01457	0.826589	1.04233	1.04233	0.0433791	0.644658	-1.55121	0.882887	1.02825	1.02825	0.0326177	0.623411	-1.60408	0.0664815	0.677798	-1.47537	0.274941	0.806823	-1.23943	0.11122	1.38802	1.38802	2.38599	1.34948	0.502741	1
cg02925144	UPF2;UPF2	0.117513	0.828288	1.02668	1.02668	0.53601	0.926838	-1.07894	0.252324	1.156	1.156	0.336494	1.12766	1.12766	0.410456	1.10743	1.10743	0.122839	0.81654	-1.22468	0.149242	0.829035	-1.20622	0.281671	1.14527	1.14527	0.0154283	1.43381	1.43381	2.38596	0.55541	0.206918	1
cg03950268	CCPG1;CCPG1;CCPG1;CCPG1	0.117517	0.326694	0.882427	-1.13324	0.734104	0.958759	-1.04301	0.338588	1.12959	1.12959	0.0931881	1.25625	1.25625	0.220188	0.852795	-1.17261	0.0870884	0.791851	-1.26286	0.809291	0.970575	-1.03032	0.0180679	0.701362	-1.4258	0.342609	0.886229	-1.12838	2.38591	0.576596	0.214815	1
cg14420245	ACVR2A	0.117518	0.163447	0.560243	-1.78494	0.838145	1.08294	1.08294	0.0381119	2.55068	2.55068	0.915014	1.04246	1.04246	0.356292	0.691007	-1.44716	0.699895	1.16286	1.16286	0.0414855	0.400186	-2.49884	0.0822755	0.472432	-2.11671	0.329434	0.675653	-1.48005	2.38591	5.73421	2.13632	1
cg27091642	MIR1909;REXO1	0.11752	0.251972	0.800573	-1.24911	0.32031	0.826245	-1.2103	0.34087	0.833247	-1.20012	0.73699	0.939274	-1.06465	0.495432	1.1373	1.1373	0.187659	1.29631	1.29631	0.00898654	1.85423	1.85423	0.649078	0.918376	-1.08888	0.349626	0.836148	-1.19596	2.38589	1.30536	0.486328	1
cg01238858	CLEC16A	0.117523	0.660084	0.911145	-1.09752	0.264172	1.27724	1.27724	0.199542	1.32972	1.32972	0.0151414	0.533958	-1.87281	0.957714	1.01121	1.01121	0.661457	0.911515	-1.09707	0.13695	1.40051	1.40051	0.235924	0.770172	-1.29841	0.198349	0.751402	-1.33085	2.38586	1.6704	0.622333	1
cg02027143	CPSF4;PTCD1;CPSF4	0.117528	0.906167	0.954915	-1.04721	0.245345	0.621646	-1.60863	0.663267	0.842489	-1.18696	0.949607	0.975577	-1.02503	0.00280497	0.199697	-5.00759	0.268165	0.636848	-1.57023	0.428009	1.37242	1.37242	0.674561	0.84771	-1.17965	0.740892	0.878252	-1.13863	2.38582	5.78326	2.15468	1
cg25515639	RNF213	0.117531	0.666325	1.06639	1.06639	0.832932	1.03179	1.03179	0.815932	1.03515	1.03515	0.185539	1.23121	1.23121	0.795031	1.03933	1.03933	0.0210129	1.50882	1.50882	0.0102051	1.6159	1.6159	0.0838465	1.32771	1.32771	0.959449	0.992495	-1.00756	2.38579	0.829503	0.309053	1
cg19456451	ZSWIM6	0.117531	0.109422	0.372157	-2.68704	0.0178168	0.195672	-5.11058	0.0698997	0.317338	-3.15122	0.897643	0.929708	-1.07561	0.862991	0.906815	-1.10276	0.165408	0.43263	-2.31144	0.261342	0.515114	-1.94132	0.165589	2.31051	2.31051	0.66332	1.28154	1.28154	2.38579	12.1184	4.51503	1
cg00077547	TMEM26	0.117533	0.222154	2.47981	2.47981	0.749939	1.254	1.254	0.722604	0.777018	-1.28697	0.15955	2.89773	2.89773	0.0650342	4.33365	4.33365	0.0716762	4.15174	4.15174	0.0253483	6.56372	6.56372	0.109899	3.43317	3.43317	0.0357339	5.63942	5.63942	2.38577	18.9313	7.05343	1
cg21029030	MIF4GD	0.117534	0.891535	1.03899	1.03899	0.292482	1.35818	1.35818	0.540775	1.18954	1.18954	0.664773	1.13	1.13	0.525647	0.835041	-1.19755	0.990198	1.00345	1.00345	0.0187795	0.450181	-2.22133	0.0747129	1.74453	1.74453	0.063131	1.79661	1.79661	2.38576	2.96897	1.10618	1
cg11282156	SYNPR;SYNPR;SYNPR	0.117536	0.227624	0.703729	-1.421	0.195437	1.46209	1.46209	0.704524	0.899697	-1.11149	0.0137411	0.429494	-2.32832	0.0635002	0.560536	-1.78401	0.351545	0.766453	-1.30471	0.130476	0.635663	-1.57316	0.14103	0.64455	-1.55147	0.317356	0.750698	-1.33209	2.38574	2.90811	1.08352	1
cg07410746	PIGY;PIGY	0.117537	0.389171	0.905274	-1.10464	0.0932644	1.23147	1.23147	0.526536	0.930192	-1.07505	0.0802486	1.24463	1.24463	0.0306857	1.33148	1.33148	0.43192	0.913519	-1.09467	0.261519	0.876304	-1.14116	0.194467	1.16741	1.16741	0.349685	1.11467	1.11467	2.38574	0.480512	0.179031	1
cg10185119	SATB2	0.117538	0.225637	0.494731	-2.0213	0.0700784	0.326274	-3.06491	0.20755	0.479507	-2.08547	0.183231	0.457957	-2.18361	0.0201064	0.212089	-4.71501	0.116784	0.38969	-2.56614	0.0144972	0.189038	-5.28993	0.604886	0.74927	-1.33463	0.211551	0.482929	-2.0707	2.38572	11.5569	4.30595	1
cg19628046	C18orf21;C18orf21	0.117539	0.362768	0.629853	-1.58767	0.320986	0.602456	-1.65987	0.315268	1.67058	1.67058	0.0224071	0.25873	-3.86503	0.653842	0.800058	-1.24991	0.642617	0.793782	-1.25979	0.178333	2.02735	2.02735	0.177576	2.03016	2.03016	0.10468	2.40231	2.40231	2.38572	9.2282	3.43831	1
cg26668872	C16orf90	0.117542	0.35174	1.2172	1.2172	0.0554781	0.640721	-1.56074	0.933626	0.983061	-1.01723	0.927014	0.981384	-1.01897	0.0401299	1.62647	1.62647	0.606155	1.11256	1.11256	0.171967	0.742147	-1.34744	0.108609	0.698415	-1.43181	0.185455	0.749774	-1.33373	2.38569	1.58935	0.592182	1
cg09452846	LOC91948;LOC91948	0.117544	0.476167	1.17769	1.17769	0.26064	1.30326	1.30326	0.0555704	1.63194	1.63194	0.818366	1.0533	1.0533	0.516273	1.16019	1.16019	0.256721	1.30636	1.30636	0.00327268	2.47178	2.47178	0.473741	1.17879	1.17879	0.617548	1.12036	1.12036	2.38567	1.92569	0.717501	1
cg19850163	AGFG1;AGFG1;AGFG1;AGFG1	0.117546	0.431459	0.858416	-1.16494	0.197407	1.29573	1.29573	0.948403	1.01238	1.01238	0.0691039	1.47215	1.47215	0.163302	1.32698	1.32698	0.0522254	1.5217	1.5217	0.0770814	0.688141	-1.45319	0.270044	1.24405	1.24405	0.47606	0.871284	-1.14773	2.38565	1.36597	0.508958	1
cg16698781	UBE2G2;UBE2G2	0.117548	0.81732	1.03559	1.03559	0.373313	1.14815	1.14815	0.0498604	1.4023	1.4023	0.0344968	0.688862	-1.45167	0.261493	0.837778	-1.19363	0.454801	1.12196	1.12196	0.880621	0.97754	-1.02298	0.0792406	1.34249	1.34249	0.467168	0.89419	-1.11833	2.38563	0.863304	0.321668	1
cg24003866	STOX2	0.117548	0.195831	2.96246	2.96246	0.152625	0.296335	-3.37456	0.548348	0.61742	-1.61964	0.107399	4.03532	4.03532	0.256983	0.390915	-2.5581	0.58561	0.645916	-1.54819	0.250005	2.59714	2.59714	0.0424879	6.38992	6.38992	0.111219	3.96495	3.96495	2.38563	23.815	8.8735	1
cg15602580	SDK1	0.117548	0.129826	1.22689	1.22689	0.231589	0.854884	-1.16975	0.283011	1.14957	1.14957	0.287328	0.871054	-1.14804	0.715716	1.04677	1.04677	0.944863	1.00868	1.00868	0.232294	0.855106	-1.16945	0.546757	0.926625	-1.07919	0.0126978	1.47259	1.47259	2.38563	0.589977	0.219826	1
cg22994808	MAP1LC3A;MAP1LC3A;MAP1LC3A	0.11755	0.873391	0.919903	-1.08707	0.17178	2.14163	2.14163	0.240483	0.525526	-1.90286	0.839099	1.11231	1.11231	0.815333	1.1303	1.1303	0.630171	1.28915	1.28915	0.0792571	0.3606	-2.77316	0.010182	5.45429	5.45429	0.572605	1.3478	1.3478	2.38562	10.3552	3.85837	1
cg19976235	OTX2;OTX2	0.117557	0.61591	0.706819	-1.41479	0.0470003	0.210215	-4.75703	0.126227	0.321446	-3.11094	0.808656	0.84668	-1.18108	0.621764	0.710956	-1.40656	0.0788941	3.81348	3.81348	0.836594	0.867901	-1.15221	0.0468538	4.76336	4.76336	0.425019	1.7487	1.7487	2.38555	17.7804	6.62521	1
cg23881204	PDGFRL	0.117561	0.893139	1.02227	1.02227	0.446162	1.1357	1.1357	0.0193617	1.58947	1.58947	0.781345	1.04665	1.04665	0.82529	1.03689	1.03689	0.133842	1.30336	1.30336	0.354236	0.855402	-1.16904	0.0353727	0.669318	-1.49406	0.723188	0.943387	-1.06001	2.38552	1.01454	0.378039	1
cg25732252	ST6GALNAC4;ST6GALNAC4	0.117562	0.130147	0.532914	-1.87648	0.0609511	2.25495	2.25495	0.975874	0.988425	-1.01171	0.688499	0.856286	-1.16783	0.0934443	0.491473	-2.0347	0.439249	1.35488	1.35488	0.0820543	0.47628	-2.09961	0.354901	0.693222	-1.44254	0.140986	1.83966	1.83966	2.38551	5.60005	2.0867	1
cg24907970	NLN;NLN;SGTB	0.117564	0.248903	1.85379	1.85379	0.25366	0.543067	-1.84139	0.115644	0.41649	-2.40102	0.657437	1.2568	1.2568	0.864892	1.09113	1.09113	0.0793159	0.368771	-2.71171	0.102722	2.49519	2.49519	0.097548	2.53722	2.53722	?	?	?	2.40903	8.8953	3.69248	1
cg00837838	B2M	0.117566	0.108325	2.31319	2.31319	0.882425	1.07342	1.07342	0.438991	1.45918	1.45918	0.413197	1.49256	1.49256	0.0324723	0.301663	-3.31496	0.0268061	0.284852	-3.5106	0.470542	0.703685	-1.42109	0.727797	1.18208	1.18208	0.767544	1.15247	1.15247	2.38547	8.65862	3.22642	1
cg25351572	ITGB5	0.117568	0.268002	0.755593	-1.32346	0.0474736	1.73447	1.73447	0.421676	1.22064	1.22064	0.197623	0.718361	-1.39206	0.330447	1.27625	1.27625	0.0837538	1.59178	1.59178	0.0298924	1.86005	1.86005	0.512591	1.17505	1.17505	0.430044	1.2161	1.2161	2.38545	2.22895	0.830571	1
cg10075378	NOL3	0.117569	0.120195	0.811808	-1.23182	0.339441	1.1295	1.1295	0.0377447	1.34722	1.34722	0.12712	0.81541	-1.22638	0.233429	0.856825	-1.1671	0.448843	1.10016	1.10016	0.0847222	0.789926	-1.26594	0.476295	0.914314	-1.09372	0.973395	1.00413	1.00413	2.38544	0.577956	0.215364	1
cg24947064	ITGA1;PELO	0.117573	0.788339	1.11525	1.11525	0.64507	1.20685	1.20685	0.0925668	0.47222	-2.11766	0.578696	0.796623	-1.2553	0.0208848	0.324039	-3.08605	0.180512	1.77966	1.77966	0.189768	1.75591	1.75591	0.224635	1.67704	1.67704	0.35271	0.678656	-1.4735	2.38541	6.20764	2.31319	1
cg26160217	MPDU1;MPDU1	0.117574	0.59186	0.888911	-1.12497	0.059182	1.58967	1.58967	0.993832	0.99832	-1.00168	0.0312418	1.73314	1.73314	0.206963	1.33587	1.33587	0.302929	1.26135	1.26135	0.0428449	1.6606	1.6606	0.0415063	1.66774	1.66774	0.207213	1.33563	1.33563	2.3854	1.78857	0.666489	1
cg00790651	DALRD3;DALRD3	0.117574	0.334111	1.93624	1.93624	0.154962	2.74441	2.74441	0.0275442	5.63278	5.63278	0.661344	1.3396	1.3396	0.0209416	0.158377	-6.31406	0.586286	1.43978	1.43978	0.819785	0.859542	-1.16341	0.69551	0.770364	-1.29809	0.679913	1.31676	1.31676	2.3854	16.6204	6.19339	1
cg27518324	DOCK9;DOCK9;DOCK9;DOCK9	0.117577	0.92888	1.03744	1.03744	0.0120096	0.275247	-3.6331	0.542363	0.775746	-1.28908	0.306489	1.5464	1.5464	0.256988	0.614391	-1.62763	0.0868704	0.45906	-2.17836	0.320629	0.655386	-1.52582	0.786944	0.894449	-1.11801	0.151278	1.88355	1.88355	2.38537	6.40495	2.38675	1
cg04129469	PAX7;PAX7;PAX7	0.117578	0.666895	1.38518	1.38518	0.359598	0.492248	-2.0315	0.651474	1.408	1.408	0.0881541	0.242706	-4.12021	0.225104	2.60831	2.60831	0.0413449	5.87452	5.87452	0.938969	0.944009	-1.05931	0.070726	4.57019	4.57019	0.15385	0.317001	-3.15456	2.38536	21.3905	7.97103	1
cg24114545	ADSSL1;ADSSL1	0.117579	0.670849	0.839235	-1.19156	0.0105846	0.267628	-3.73653	0.242159	0.605392	-1.65182	0.564726	1.26955	1.26955	0.969064	1.01603	1.01603	0.413701	1.4086	1.4086	0.948848	0.974039	-1.02665	0.0523611	2.47095	2.47095	0.617131	1.22954	1.22954	2.38536	6.3502	2.36636	1
cg17022038	MAST3	0.117579	0.0380249	0.248385	-4.026	0.658441	1.29386	1.29386	0.613146	1.34344	1.34344	0.489149	1.50213	1.50213	0.00858636	0.143536	-6.96691	0.85089	0.896752	-1.11514	0.213902	0.468681	-2.13365	0.798815	1.1594	1.1594	0.60126	0.736873	-1.35709	2.38535	12.6687	4.72093	1
cg05923519	LRCH1;LRCH1;LRCH1	0.117581	0.080628	0.434375	-2.30216	0.587822	0.790175	-1.26554	0.130698	0.495411	-2.01853	0.288797	0.62258	-1.60622	0.0273521	0.325158	-3.07543	0.136051	0.500939	-1.99625	0.0554365	0.392871	-2.54536	0.340104	1.52669	1.52669	0.0730683	0.423028	-2.36391	2.38533	6.99655	2.60725	1
cg14725082	LRRK1	0.117583	0.143271	0.488735	-2.0461	0.0229484	0.289872	-3.44979	0.143057	0.48852	-2.047	0.929787	0.960682	-1.04093	0.226087	0.56071	-1.78345	0.153054	0.498351	-2.00662	0.0161558	0.261995	-3.81686	0.105085	0.446608	-2.2391	0.940575	1.03452	1.03452	2.38532	7.82622	2.91644	1
cg15076023	CIR1;SCRN3	0.117583	0.691603	1.07732	1.07732	0.796275	1.04951	1.04951	0.775732	1.0548	1.0548	0.0108386	0.550092	-1.81788	0.0817924	0.697503	-1.43369	0.36468	0.840307	-1.19004	0.0440928	0.649165	-1.54044	0.158866	0.754814	-1.32483	0.836978	0.962247	-1.03923	2.38532	1.31809	0.491187	1
cg08706258	WSB1;WSB1;WSB1;WSB1	0.117584	0.310799	1.16517	1.16517	0.414207	1.12938	1.12938	0.808227	1.03608	1.03608	0.617952	0.929326	-1.07605	0.439051	1.12192	1.12192	0.044422	0.714261	-1.40005	0.0614428	0.735549	-1.35953	0.180501	0.812783	-1.23034	0.0807328	1.32621	1.32621	2.38531	0.802716	0.299134	1
cg23436746	VWC2	0.117585	0.576857	0.645501	-1.54918	0.304632	2.28305	2.28305	0.0779961	4.5755	4.5755	0.290436	2.34423	2.34423	0.0346717	0.147749	-6.76825	0.429652	1.87019	1.87019	0.0616116	0.194983	-5.12865	0.47778	1.75147	1.75147	0.887276	1.11643	1.11643	2.3853	22.7797	8.48893	1
cg01474781	AFF3;AFF3	0.117591	0.130844	0.274721	-3.64006	0.0483871	0.167591	-5.9669	0.157313	0.301892	-3.31245	0.775342	0.797229	-1.25435	0.0160457	0.0968998	-10.3199	0.137887	0.282153	-3.54418	0.0489619	0.168567	-5.93235	0.0725143	0.204539	-4.88905	0.285952	0.415762	-2.40522	2.38524	23.6943	8.82996	1
cg02922247	IMP3	0.117591	0.254289	0.846419	-1.18145	0.713498	0.949657	-1.05301	0.833496	0.970944	-1.02993	0.00342533	0.572932	-1.74541	0.243335	0.84282	-1.18649	0.210252	0.831158	-1.20314	0.503447	0.909274	-1.09978	0.868563	1.02347	1.02347	0.447833	1.11445	1.11445	2.38524	0.741199	0.276217	1
cg25485091	SERPINB4	0.117594	0.0558213	0.505325	-1.97892	0.0187057	0.407498	-2.454	0.0759946	0.536845	-1.86274	0.885056	0.955454	-1.04662	0.135368	1.66037	1.66037	0.716445	1.12177	1.12177	0.744897	1.10833	1.10833	0.721132	0.89323	-1.11953	0.608027	0.849618	-1.177	2.38522	3.74894	1.3971	1
cg12469809	LOC284276	0.117595	0.174327	0.371113	-2.6946	0.10072	3.43237	3.43237	0.895016	0.913414	-1.09479	0.21646	0.409751	-2.44051	0.029663	0.172737	-5.78914	0.355633	0.521109	-1.91899	0.0434146	0.203244	-4.92019	0.730571	0.788887	-1.26761	0.142374	0.338989	-2.94995	2.38521	17.776	6.62454	1
cg26038589	CCDC55	0.117595	0.0567751	0.422201	-2.36854	0.428132	0.723596	-1.38199	0.788277	0.897947	-1.11365	0.858085	0.930922	-1.0742	0.0302161	0.360917	-2.77072	0.244939	0.614831	-1.62646	0.0182172	0.317797	-3.14666	0.0418674	0.391442	-2.55466	0.665076	0.840138	-1.19028	2.38521	6.04165	2.25153	1
cg06796120	TBCD	0.117596	0.600948	1.13253	1.13253	0.737583	0.923763	-1.08253	0.23508	0.745665	-1.34108	0.4847	1.18229	1.18229	0.0380627	0.567204	-1.76303	0.0767497	1.59074	1.59074	0.115395	0.667884	-1.49727	0.941515	0.982846	-1.01745	0.0645847	0.61289	-1.63161	2.3852	2.10081	0.782907	1
cg00701267	C20orf196	0.117597	0.397076	0.904831	-1.10518	0.0383222	0.758192	-1.31893	0.776599	0.967723	-1.03335	0.781485	0.96844	-1.03259	0.050424	0.773244	-1.29325	0.156768	0.839734	-1.19085	0.501932	1.08176	1.08176	0.059613	1.27784	1.27784	0.624582	1.05853	1.05853	2.38519	0.50244	0.187244	1
cg06769094	SFRP1	0.117598	0.163051	0.667017	-1.49921	0.320167	0.756254	-1.32231	0.0939913	0.606041	-1.65005	0.26872	0.731035	-1.36792	0.169502	1.48888	1.48888	0.540804	1.1834	1.1834	0.491438	1.20932	1.20932	0.133344	0.643789	-1.5533	0.0237679	0.480012	-2.08328	2.38518	2.79424	1.04133	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01568784	RAB38	0.1176	0.248929	0.26748	-3.73859	0.155774	0.189792	-5.26892	0.758409	1.40155	1.40155	0.446807	0.428065	-2.33609	0.420784	0.406578	-2.45956	0.301284	0.309766	-3.22825	0.219458	0.243404	-4.10839	0.0116417	31.5163	31.5163	0.449542	2.32376	2.32376	2.38517	45.2317	16.8567	1
cg20339715	SCARA5	0.117601	0.748109	1.12469	1.12469	0.221562	0.625889	-1.59773	0.00829856	0.292086	-3.42365	0.837719	1.07766	1.07766	0.606986	1.20831	1.20831	0.596181	0.822805	-1.21535	0.0615582	2.15545	2.15545	0.782555	1.10616	1.10616	0.692373	0.865003	-1.15607	2.38515	5.02425	1.87241	1
cg27052344	JPH3	0.117602	0.684255	1.17617	1.17617	0.0300723	2.75257	2.75257	0.32279	1.4998	1.4998	0.450369	1.35695	1.35695	0.0445762	0.400385	-2.49759	0.229987	1.64847	1.64847	0.139735	0.532238	-1.87886	0.346892	1.46875	1.46875	0.723161	1.15161	1.15161	2.38514	5.94989	2.21739	1
cg17068794	INTS1	0.117605	0.418971	1.11202	1.11202	0.0253967	0.710617	-1.40723	0.975407	0.996044	-1.00397	0.602757	0.934718	-1.06984	0.779263	0.964518	-1.03679	0.275614	1.15699	1.15699	0.0152415	1.4669	1.4669	0.994395	1.0009	1.0009	0.853833	1.024	1.024	2.38511	0.624469	0.232728	1
cg23805785	IQCC;IQCC	0.117607	0.414179	1.23274	1.23274	0.137704	1.49287	1.49287	0.48331	1.19552	1.19552	0.220386	1.38124	1.38124	0.14844	0.678044	-1.47483	0.870975	0.960073	-1.04159	0.117319	1.53176	1.53176	0.0564919	1.71817	1.71817	0.0217512	1.9946	1.9946	2.3851	2.37359	0.884599	1
cg16834708	KRAS;KRAS	0.117608	0.00327219	0.126739	-7.89024	0.921351	0.950384	-1.05221	0.865115	1.09156	1.09156	0.439956	1.50058	1.50058	0.744897	0.845152	-1.18322	0.487643	0.695332	-1.43816	0.401397	1.55672	1.55672	0.507064	1.41459	1.41459	0.719546	0.83044	-1.20418	2.38509	10.0305	3.73821	1
cg01877967	PHKG1	0.117608	0.77291	0.924722	-1.08141	0.169154	1.48618	1.48618	0.980521	1.00663	1.00663	0.849296	0.949848	-1.0528	0.70913	0.903614	-1.10667	0.0654544	1.7494	1.7494	0.0773445	1.70084	1.70084	0.454121	1.22906	1.22906	0.0084145	2.48507	2.48507	2.38509	2.76362	1.02996	1
cg04536951	ZNF317	0.117609	0.514927	0.851823	-1.17395	0.014122	0.4792	-2.08681	0.10606	0.651345	-1.53529	0.374359	1.2479	1.2479	0.509881	1.17629	1.17629	0.645397	0.893563	-1.11911	0.0847723	1.5888	1.5888	0.955174	1.01375	1.01375	0.354194	0.793337	-1.2605	2.38508	2.22828	0.83045	1
cg07857251	BICC1	0.11761	0.0332359	0.471524	-2.12078	0.916429	1.03221	1.03221	0.371762	0.758053	-1.31917	0.904774	0.964496	-1.03681	0.0484007	0.506005	-1.97627	0.0375308	0.482422	-2.07287	0.166303	1.56178	1.56178	0.7672	0.914231	-1.09382	0.643095	1.15137	1.15137	2.38508	3.44642	1.28444	1
cg06048910	SLC22A18;SLC22A18;SLC22A18AS	0.11761	0.0510082	0.141051	-7.08962	0.38663	0.457474	-2.18592	0.43349	0.494456	-2.02242	0.174342	0.279902	-3.57268	0.0331305	0.11136	-8.97987	0.15097	0.25763	-3.88153	0.0265522	0.0985883	-10.1432	0.0322897	0.109799	-9.10754	0.175126	0.280631	-3.56339	2.38507	29.3326	10.9319	1
cg12269002	PAK1;PAK1	0.117611	0.835783	0.957232	-1.04468	0.0723516	1.52542	1.52542	0.807098	1.05286	1.05286	0.416512	0.839573	-1.19108	0.878008	0.968172	-1.03287	0.464861	0.855014	-1.16957	0.011506	0.513953	-1.9457	0.36322	0.821373	-1.21747	0.082402	0.666876	-1.49953	2.38506	1.67504	0.624271	1
cg11852333	IGF1R	0.117611	0.313318	1.49091	1.49091	0.743487	0.881829	-1.13401	0.128575	0.533088	-1.87586	0.467806	0.753574	-1.32701	0.0046556	0.236618	-4.22621	0.450642	0.745006	-1.34227	0.177746	0.577814	-1.73066	0.76093	0.8897	-1.12397	0.248721	0.630177	-1.58685	2.38506	5.54028	2.06481	1
cg19984170	ODZ2	0.117615	0.710261	0.885481	-1.12933	0.936432	0.974338	-1.02634	0.0486738	0.480037	-2.08317	0.0422812	0.466551	-2.14339	0.926959	1.03033	1.03033	0.684692	1.14232	1.14232	0.0309394	2.28356	2.28356	0.974097	0.989474	-1.01064	0.24905	0.675254	-1.48093	2.38502	4.01245	1.49542	1
cg14000519	LOC100302652;ERLEC1;ERLEC1;ERLEC1	0.117617	0.268288	1.29411	1.29411	0.0098278	2.07452	2.07452	0.661927	0.906303	-1.10338	0.144459	1.41981	1.41981	0.117685	0.683911	-1.46218	0.952762	1.01333	1.01333	0.329678	1.25224	1.25224	0.197745	1.35584	1.35584	0.520899	1.15662	1.15662	2.38501	1.88858	0.70387	1
cg00651912	B4GALT2;B4GALT2	0.117618	0.782366	1.05297	1.05297	0.254725	0.801203	-1.24812	0.24232	0.796071	-1.25617	0.602472	1.1029	1.1029	0.509799	0.882834	-1.13272	0.077812	1.4409	1.4409	0.00906552	1.85541	1.85541	0.908337	1.0217	1.0217	0.825901	0.959773	-1.04191	2.385	1.31212	0.489027	1
cg20781421	USP47	0.117619	0.0153499	0.378864	-2.63947	0.539512	1.22461	1.22461	0.707809	0.884427	-1.13068	0.352119	1.36662	1.36662	0.947055	0.978571	-1.0219	0.869598	1.05506	1.05506	0.429304	0.768599	-1.30107	0.0721	1.92478	1.92478	0.0920433	0.546104	-1.83115	2.38499	4.01911	1.49792	1
cg05887890	RPTOR;RPTOR	0.117619	0.91911	0.977624	-1.02289	0.0858159	1.52647	1.52647	0.273347	1.28912	1.28912	0.933642	0.981619	-1.01873	0.00926721	0.479213	-2.08675	0.347387	0.806099	-1.24054	0.809198	0.947535	-1.05537	0.463324	1.18093	1.18093	0.338872	0.802824	-1.2456	2.38499	1.87468	0.698698	1
cg16596755	CYTL1	0.11762	0.139421	0.607079	-1.64723	0.0193246	0.411585	-2.42963	0.320234	0.72449	-1.38028	0.786803	1.08879	1.08879	0.021027	0.418532	-2.3893	0.0618503	0.516914	-1.93456	0.876818	0.952492	-1.04988	0.695047	0.88371	-1.13159	0.150677	0.616722	-1.62148	2.38498	3.71929	1.38619	1
cg02854554	FAM46C	0.11762	0.044209	0.321174	-3.11358	0.314873	0.600097	-1.6664	0.617866	0.78104	-1.28034	0.221535	0.531865	-1.88018	0.0704202	0.370244	-2.70092	0.370026	0.636144	-1.57197	0.00644284	0.175361	-5.70253	0.437887	0.677857	-1.47524	0.130138	0.447851	-2.23288	2.38498	9.1196	3.3989	1
cg12220034	MED13L	0.117621	0.463	0.828525	-1.20696	0.171137	0.692867	-1.44328	0.308104	0.766718	-1.30426	0.0878362	0.62227	-1.60702	0.701281	1.10192	1.10192	0.0978093	1.57988	1.57988	0.0206563	0.495713	-2.0173	0.871013	0.959908	-1.04177	0.127111	0.660042	-1.51506	2.38497	2.39491	0.892595	1
cg02892618	HNRNPA2B1;HNRNPA2B1	0.117622	0.301566	1.12584	1.12584	0.941882	1.00811	1.00811	0.0649334	1.25801	1.25801	0.239429	1.14617	1.14617	0.0551896	0.786057	-1.27217	0.981985	0.997503	-1.0025	0.65459	0.951353	-1.05113	0.0321671	1.32033	1.32033	0.213895	1.15596	1.15596	2.38497	0.463242	0.172653	1
cg24723129	FSTL1	0.117624	0.161414	2.20007	2.20007	0.117483	2.45083	2.45083	0.875103	1.08647	1.08647	0.0826337	2.75517	2.75517	0.317497	0.57996	-1.72426	0.0686075	2.92918	2.92918	0.0297717	3.85147	3.85147	0.117742	2.44902	2.44902	0.110634	2.50067	2.50067	2.38495	10.5001	3.91347	1
cg18930161	SPATA24	0.117625	0.81935	1.02812	1.02812	0.516496	1.08302	1.08302	0.0217355	1.39653	1.39653	0.042032	0.752733	-1.32849	0.170439	0.837787	-1.19362	0.458154	1.09592	1.09592	0.572412	0.933179	-1.07161	0.250675	0.86457	-1.15664	0.698961	1.04824	1.04824	2.38494	0.555205	0.20693	1
cg23449764	CHID1	0.117625	0.17859	0.484644	-2.06337	0.043636	0.308605	-3.24039	0.0130024	0.209699	-4.76874	0.319523	0.593692	-1.68437	0.036028	0.290529	-3.44199	0.146683	0.454053	-2.20239	0.089712	0.387452	-2.58096	0.432885	0.666542	-1.50028	0.280083	0.566029	-1.76669	2.38494	9.70362	3.61663	1
cg21573745	LIG1	0.117625	0.864024	1.03648	1.03648	0.366526	1.21398	1.21398	0.0713501	0.656422	-1.52341	0.239745	1.29344	1.29344	0.809222	1.05186	1.05186	0.30034	1.25148	1.25148	0.54617	1.13617	1.13617	0.368931	1.21274	1.21274	0.0138411	0.529525	-1.88848	2.38494	1.65019	0.615041	1
cg04906989	C17orf102;TMEM132E	0.117625	?	?	?	0.540862	0.680439	-1.46964	0.147136	2.81475	2.81475	?	?	?	?	?	?	?	?	?	?	?	?	0.0340321	6.20141	6.20141	0.201081	2.41436	2.41436	3.6764	8.48048	2.30673	1
cg17769199	FAM197Y2	0.117627	0.03628	2.79212	2.79212	0.840726	1.08858	1.08858	0.1987	0.563894	-1.77338	0.187953	0.555149	-1.80132	0.0868111	0.450339	-2.22055	0.492369	1.34193	1.34193	0.116598	2.05275	2.05275	0.706799	1.1728	1.1728	0.276074	0.620089	-1.61267	2.38492	6.72013	2.50468	1
cg23206520	GULP1	0.117629	0.166969	0.445607	-2.24413	0.986144	0.990518	-1.00957	0.560159	0.723823	-1.38155	0.595355	0.745224	-1.34188	0.0687659	0.32709	-3.05726	0.443168	0.651192	-1.53565	0.00590791	0.13865	-7.21239	0.0490024	0.291396	-3.43176	0.384118	0.612876	-1.63165	2.3849	11.3687	4.23731	1
cg03309770	FAM18A;FAM18A	0.117631	0.0243972	4.12157	4.12157	0.399446	0.634151	-1.57691	0.29476	1.77492	1.77492	0.058512	3.09128	3.09128	0.944442	0.96387	-1.03748	0.675666	1.24879	1.24879	0.118032	0.40813	-2.4502	0.401498	0.635467	-1.57365	0.2289	1.94784	1.94784	2.38488	10.5305	3.92492	1
cg02844545	GCM2;GCM2	0.117634	0.0363934	8.0502	8.0502	0.250203	2.80199	2.80199	0.0759975	5.43647	5.43647	0.255887	0.361683	-2.76485	0.683403	1.42132	1.42132	0.364794	2.2222	2.2222	0.11949	4.25725	4.25725	0.023091	10.2731	10.2731	0.266818	2.69663	2.69663	2.38486	27.7708	10.3508	1
cg05339472	EIF1AX	0.117635	0.0328677	0.601055	-1.66374	0.0614243	0.650638	-1.53695	0.162707	0.737885	-1.35523	0.544769	0.882478	-1.13317	0.592237	1.11658	1.11658	0.385803	0.834149	-1.19883	0.0401939	0.616602	-1.62179	0.102255	0.694373	-1.44015	0.36696	1.20809	1.20809	2.38485	1.57134	0.585678	1
cg25102449	KLHL26	0.117642	0.288426	0.537817	-1.85937	0.0578033	3.34406	3.34406	0.477411	1.50163	1.50163	0.717847	0.815284	-1.22657	0.017027	0.19449	-5.14165	0.565473	1.38677	1.38677	0.12527	0.39305	-2.54421	0.75581	1.19192	1.19192	0.47651	0.665373	-1.50292	2.38478	11.963	4.459	1
cg00459218	DES	0.117644	0.324967	0.844367	-1.18432	0.772605	0.952921	-1.0494	0.0872839	0.730364	-1.36918	0.649332	0.926642	-1.07916	0.101103	0.741695	-1.34826	0.349767	1.17374	1.17374	0.0166737	1.62651	1.62651	0.35356	0.853113	-1.17218	0.75726	0.949709	-1.05295	2.38477	1.04622	0.389964	1
cg04141379	SPATA6	0.117644	0.602165	1.08355	1.08355	0.0484152	1.41067	1.41067	0.156569	1.26012	1.26012	0.174432	1.24659	1.24659	0.0974378	1.31981	1.31981	0.0607533	1.38064	1.38064	0.20948	1.22363	1.22363	0.339559	1.16205	1.16205	0.00932957	1.65388	1.65388	2.38476	0.879231	0.327722	1
cg13704271	CCDC28B;CCDC28B	0.117644	0.309437	1.18478	1.18478	0.31568	1.18204	1.18204	0.565041	0.910499	-1.0983	0.377039	1.15734	1.15734	0.132978	1.29863	1.29863	0.775882	0.955031	-1.04709	0.015451	0.619418	-1.61442	0.10316	0.750232	-1.33292	0.65182	0.929392	-1.07597	2.38476	0.981472	0.365831	1
cg19306047	LPAR2	0.117646	0.591087	1.84772	1.84772	0.36922	2.84038	2.84038	0.188243	4.8466	4.8466	0.0727423	0.10371	-9.64228	0.749442	0.69578	-1.43724	0.65752	1.65713	1.65713	0.0114465	0.0278212	-35.9438	0.396358	0.374116	-2.67297	0.366586	0.349935	-2.85768	2.38474	48.3982	18.04	1
cg14199540	RFX3;RFX3	0.11765	0.761247	0.951427	-1.05105	0.60108	0.917416	-1.09002	0.648018	0.927652	-1.07799	0.386022	0.864853	-1.15627	0.129166	1.30722	1.30722	0.196686	1.24986	1.24986	0.00813709	1.73932	1.73932	0.339585	0.851446	-1.17447	0.415303	1.14573	1.14573	2.38471	1.00826	0.375825	1
cg16028064	BPTF;BPTF	0.11765	0.419676	1.41941	1.41941	0.14506	1.94402	1.94402	0.312135	1.55916	1.55916	0.976112	1.0128	1.0128	0.533549	0.765018	-1.30716	0.249161	1.66803	1.66803	0.00799157	0.235968	-4.23787	0.56405	1.2811	1.2811	0.648911	0.823078	-1.21495	2.38471	6.81494	2.54024	1
cg25383093	PGM3;RWDD2A	0.11765	0.153327	0.632519	-1.58098	0.307758	0.728858	-1.37201	0.733851	0.902815	-1.10765	0.24387	1.4409	1.4409	0.0136452	0.400931	-2.49419	0.28686	0.717984	-1.39279	0.414374	0.778836	-1.28397	0.878837	1.04676	1.04676	0.106324	1.69608	1.69608	2.38471	3.3895	1.26342	1
cg21616088	FBXL4	0.117651	0.00826737	2.54257	2.54257	0.354782	1.30089	1.30089	0.180278	1.48168	1.48168	0.140165	1.55047	1.55047	0.291452	1.35321	1.35321	0.213277	1.43643	1.43643	0.186635	0.679204	-1.47231	0.321939	1.32676	1.32676	0.216521	1.43239	1.43239	2.3847	2.8838	1.07493	1
cg15376972	PON2;PON2	0.117657	0.16424	1.51067	1.51067	0.886832	0.96119	-1.04038	0.00965142	0.402338	-2.48547	0.372036	1.29016	1.29016	0.344939	0.763072	-1.31049	0.141848	1.5512	1.5512	0.3712	1.29076	1.29076	0.952496	1.0167	1.0167	0.738306	1.09769	1.09769	2.38465	2.91826	1.0878	1
cg05515792	PROK2;PROK2	0.117658	0.55167	0.766474	-1.30468	0.127141	2.07214	2.07214	0.311272	1.58826	1.58826	0.483932	1.36911	1.36911	0.0378984	0.345391	-2.89527	0.781127	1.13089	1.13089	0.722003	1.17089	1.17089	0.0725724	2.42234	2.42234	0.0501306	2.68142	2.68142	2.38463	7.36585	2.74567	1
cg25041735	PDIA4	0.117659	0.624883	0.819509	-1.22024	0.027461	0.348717	-2.86765	0.0792948	0.455261	-2.19654	0.0668162	0.436033	-2.29341	0.0900357	0.470138	-2.12703	0.526577	0.771684	-1.29587	0.0484055	0.40214	-2.4867	0.087679	0.466987	-2.14139	0.058416	0.421558	-2.37215	2.38463	6.16232	2.29705	1
cg14678084	SND1	0.117659	0.732576	1.13785	1.13785	0.19385	1.67797	1.67797	0.565876	1.24422	1.24422	0.160806	1.75767	1.75767	0.0161175	0.330036	-3.02997	0.349515	1.43704	1.43704	0.0513837	2.30511	2.30511	0.897774	1.04958	1.04958	0.974452	1.01213	1.01213	2.38463	5.35371	1.99564	1
cg03384735	CASP2;CASP2	0.117659	0.322389	0.712795	-1.40293	0.358842	0.731622	-1.36683	0.690096	1.14196	1.14196	0.392922	0.748365	-1.33625	0.284072	0.691717	-1.44568	0.00313473	0.262451	-3.81023	0.645401	1.16586	1.16586	0.722394	0.888567	-1.12541	0.218935	0.651662	-1.53454	2.38462	4.14291	1.54431	1
cg10242032	LOC388692	0.117664	0.0234055	4.77551	4.77551	0.20223	2.17559	2.17559	0.368271	1.70491	1.70491	0.575077	1.38678	1.38678	0.0438802	3.80807	3.80807	0.596531	1.3613	1.3613	0.135353	2.53259	2.53259	0.0315715	4.286	4.286	0.0415797	3.88232	3.88232	2.38458	12.587	4.69199	1
cg09436502	PDK4	0.117665	0.361359	0.526797	-1.89826	0.118006	0.313653	-3.18824	0.448033	0.589673	-1.69585	0.118079	0.313736	-3.18739	0.0274029	0.168226	-5.94439	0.0634457	0.240348	-4.16064	0.148243	0.346666	-2.88462	0.124762	3.1118	3.1118	0.805558	0.844954	-1.1835	2.38457	17.6222	6.56899	1
cg03608000	ZNF69	0.117665	0.0777738	0.655965	-1.52447	0.228208	0.761806	-1.31267	0.0237714	0.55963	-1.7869	0.0605403	1.57653	1.57653	0.628282	0.900374	-1.11065	0.542916	1.14165	1.14165	0.961526	1.01043	1.01043	0.397043	1.20508	1.20508	0.987339	0.996593	-1.00342	2.38457	1.74754	0.651427	1
cg16095660	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.117665	0.426563	0.626276	-1.59674	0.0295013	0.228203	-4.38206	0.544975	0.702484	-1.42352	0.598181	1.35874	1.35874	0.235985	0.488783	-2.0459	0.955537	1.03266	1.03266	0.00779862	0.139611	-7.16276	0.5204	0.686915	-1.45579	0.14111	0.401581	-2.49016	2.38457	12.5483	4.67759	1
cg22627406	C19orf38	0.11767	0.688064	1.26923	1.26923	0.432926	1.60438	1.60438	0.744781	0.824517	-1.21283	0.508058	0.672567	-1.48684	0.00490818	0.110603	-9.04138	0.090384	0.332106	-3.01108	0.172477	0.424108	-2.35789	0.787164	0.852259	-1.17335	0.39047	0.594632	-1.68171	2.38453	13.1787	4.91267	1
cg05144089	SNORA14B;TOMM20	0.117671	0.0343459	0.673237	-1.48536	0.0237253	1.54146	1.54146	0.180849	1.25575	1.25575	0.675501	1.06981	1.06981	0.203555	1.24	1.24	0.629984	1.08091	1.08091	0.931682	1.01384	1.01384	0.212476	1.23428	1.23428	0.33133	1.17428	1.17428	2.38452	0.97026	0.361689	1
cg10127085	SYT7	0.117671	0.81649	0.892656	-1.12025	0.00613874	5.73528	5.73528	0.742392	1.17483	1.17483	0.304807	1.68053	1.68053	0.556536	0.747884	-1.33711	0.357927	1.58696	1.58696	0.549791	1.34394	1.34394	0.725541	0.84183	-1.18789	0.109375	0.426244	-2.34608	2.38451	9.01185	3.3594	1
cg11675225	LSP1;LSP1	0.117673	0.443076	0.779144	-1.28346	0.00888095	0.345543	-2.894	0.239546	0.675013	-1.48145	0.44515	0.780062	-1.28195	0.0326188	0.450237	-2.22105	0.934823	0.974237	-1.02644	0.345095	1.36386	1.36386	0.17696	0.63256	-1.58088	0.5975	0.843633	-1.18535	2.3845	3.84586	1.43365	1
cg08580836	ZNF300	0.117674	0.208839	1.39894	1.39894	0.1409	0.669431	-1.4938	0.31859	1.2985	1.2985	0.0515796	1.75327	1.75327	0.841366	1.05209	1.05209	0.0397983	0.547556	-1.8263	0.321662	0.771476	-1.29622	0.460009	0.826445	-1.21	0.444612	1.21833	1.21833	2.38449	2.42505	0.904009	1
cg13146517	RASSF7;C11orf35;RASSF7;RASSF7	0.117677	0.0252375	0.763887	-1.30909	0.069116	0.813951	-1.22858	0.524538	1.06745	1.06745	0.746135	1.03343	1.03343	0.574678	0.944226	-1.05907	0.123034	0.844414	-1.18425	0.684492	0.959493	-1.04222	0.152636	1.16773	1.16773	0.241328	1.13218	1.13218	2.38447	0.386901	0.14423	1
cg22568695	KIAA1468	0.117677	0.0150641	0.579934	-1.72433	0.229593	0.794607	-1.25848	0.181686	1.29506	1.29506	0.834405	1.03892	1.03892	0.312021	0.82635	-1.21014	0.284365	0.816424	-1.22485	0.180047	1.29648	1.29648	0.253146	1.24317	1.24317	0.692743	0.930132	-1.07512	2.38446	1.25606	0.46824	1
cg02977388	RNLS;RNLS	0.117679	0.558588	0.701758	-1.42499	0.236474	0.475837	-2.10156	0.165987	0.412944	-2.42164	0.377133	0.581234	-1.72048	0.00640417	0.119586	-8.3622	0.168575	0.415459	-2.40698	0.0780539	0.309674	-3.2292	0.0713829	0.299504	-3.33885	0.850165	1.11989	1.11989	2.38444	13.5372	5.0465	1
cg05188959	HRNBP3	0.117679	0.0696175	0.179655	-5.56621	0.860528	1.16042	1.16042	0.582569	0.625253	-1.59935	0.847485	0.849684	-1.17691	0.0434699	0.140252	-7.13005	0.192921	0.311714	-3.20807	0.00923239	0.0610866	-16.3702	0.567325	0.613173	-1.63086	0.112248	0.231573	-4.31829	2.38444	27.0267	10.0752	1
cg14156441	TRIB1	0.11768	0.183082	0.351135	-2.84791	0.606541	1.46943	1.46943	0.675506	1.36601	1.36601	0.0849956	0.243896	-4.1001	0.562053	0.647715	-1.54389	0.227077	0.390819	-2.55873	0.005124	0.0645951	-15.4811	0.517662	0.615121	-1.6257	0.282826	0.437465	-2.2859	2.38444	20.7275	7.72696	1
cg02608656	ITGA7;ITGA7;ITGA7	0.11768	0.993057	0.998426	-1.00158	0.904848	1.02188	1.02188	0.286556	1.22181	1.22181	0.728991	1.06499	1.06499	0.00496464	0.510019	-1.96071	0.614653	1.09625	1.09625	0.14549	1.32703	1.32703	0.699297	0.932149	-1.07279	0.71205	0.935091	-1.06941	2.38444	1.2375	0.461324	1
cg00933443	DBR1	0.117686	0.037334	0.172413	-5.80004	0.696129	0.751631	-1.33044	0.36819	0.510499	-1.95887	0.455422	0.575209	-1.7385	0.0462002	0.189842	-5.26753	0.119505	0.292618	-3.41742	0.0353372	0.168176	-5.94614	0.382971	0.521623	-1.91709	0.0213856	0.1338	-7.47385	2.38438	19.9828	7.44953	1
cg16519399	MACROD1	0.117686	0.677663	1.22635	1.22635	0.4311	0.675529	-1.48032	0.0577606	0.350889	-2.8499	0.262055	1.7698	1.7698	0.0116092	0.214349	-4.66529	0.945883	1.03369	1.03369	0.949469	1.03142	1.03142	0.505923	1.39023	1.39023	0.273201	1.74481	1.74481	2.38438	8.99833	3.35455	1
cg14217248	TSC22D2	0.117688	0.466402	0.64092	-1.56026	0.227897	2.13754	2.13754	0.945805	0.960019	-1.04165	?	?	?	0.142598	0.388329	-2.57513	0.756806	0.829908	-1.20495	0.819048	0.871506	-1.14744	0.00643343	0.119182	-8.39052	0.624919	1.3441	1.3441	2.40787	12.2111	5.07133	1
cg06988775	AHCYL2;AHCYL2	0.117688	0.211032	2.80073	2.80073	0.593867	0.65663	-1.52293	0.59433	1.52211	1.52211	0.534186	1.63561	1.63561	0.273055	2.43877	2.43877	0.00559272	0.0582204	-17.1761	0.527162	0.606092	-1.64991	0.437584	0.538561	-1.8568	0.677101	0.72088	-1.38719	2.38436	23.0647	8.59851	1
cg10286969	PRSS27	0.11769	0.404673	2.49432	2.49432	0.157619	0.197938	-5.05208	0.956997	0.943834	-1.05951	0.454171	2.2644	2.2644	0.108615	0.153192	-6.52776	0.626175	1.69257	1.69257	0.0542473	10.3988	10.3988	0.220609	0.251456	-3.97684	0.0495338	11.0475	11.0475	2.38435	43.3954	16.1779	1
cg26950885	TTYH3	0.11769	0.320727	1.66671	1.66671	0.0127907	4.6638	4.6638	0.0330025	3.4607	3.4607	0.288434	1.73107	1.73107	0.0243485	3.80438	3.80438	0.362656	1.5934	1.5934	0.211186	1.9269	1.9269	0.268764	1.7745	1.7745	0.240891	1.84287	1.84287	2.38434	9.36243	3.49034	1
cg24686679	ARNT2	0.117691	0.347639	0.825462	-1.21144	0.4911	1.14881	1.14881	0.0730921	0.672673	-1.48661	0.105592	1.42004	1.42004	0.0869657	0.687335	-1.45489	0.21252	1.29752	1.29752	0.0634996	1.51268	1.51268	0.968038	0.992084	-1.00798	0.932096	1.01705	1.01705	2.38434	1.48577	0.5539	1
cg03356689	FLI1;FLI1	0.117692	0.0441957	0.216857	-4.61134	0.0623051	0.249706	-4.00472	0.0342544	0.19529	-5.12059	0.0819887	0.279641	-3.57602	0.0563797	0.239657	-4.17263	0.348559	0.528289	-1.8929	0.0683043	0.259334	-3.85603	0.236563	0.440418	-2.27057	0.0901676	0.290886	-3.43777	2.38432	16.5099	6.15499	1
cg03885343	RGMB	0.117693	0.0736424	0.382585	-2.6138	0.177883	1.99329	1.99329	0.283963	1.70965	1.70965	0.222348	1.85498	1.85498	0.286141	0.586439	-1.70521	0.535862	1.35262	1.35262	0.0918187	0.408912	-2.44552	0.0868265	0.402054	-2.48723	0.405827	1.50642	1.50642	2.38432	8.76554	3.26784	1
cg16394290	FAM176B	0.117693	0.465875	1.60301	1.60301	0.0201284	5.94511	5.94511	0.0960926	3.19649	3.19649	0.839139	1.13797	1.13797	0.0802055	3.43554	3.43554	0.121722	2.90595	2.90595	0.0342293	4.81135	4.81135	0.0498735	4.14637	4.14637	0.329733	1.89569	1.89569	2.38432	15.2689	5.69235	1
cg15965241	P2RX7	0.117695	0.754182	0.970544	-1.03035	0.140583	0.859948	-1.16286	0.732931	0.967924	-1.03314	0.834897	1.02006	1.02006	0.234431	1.12596	1.12596	0.016057	1.32377	1.32377	0.067781	1.215	1.215	0.253156	0.892615	-1.1203	0.673562	1.04115	1.04115	2.3843	0.342122	0.127546	1
cg07466386	LOC154449	0.117695	0.437256	0.717342	-1.39404	0.129251	0.502993	-1.9881	0.085159	0.450269	-2.22089	0.859903	1.07687	1.07687	0.00949629	0.252206	-3.96501	0.546441	0.774249	-1.29157	0.254899	0.607548	-1.64596	0.16772	0.539879	-1.85227	0.0345158	0.355758	-2.8109	2.3843	6.63616	2.47402	1
cg11096675	SGSM2;SGSM2	0.117695	0.979975	0.994196	-1.00584	0.125416	0.680679	-1.46912	0.425107	1.20793	1.20793	0.500659	1.1718	1.1718	0.391316	0.815701	-1.22594	0.25003	0.756689	-1.32155	0.0103493	2.11508	2.11508	0.490425	0.850041	-1.17641	0.298932	0.779034	-1.28364	2.3843	2.03133	0.757299	1
cg09788390	CLCA2	0.117695	0.294644	0.673814	-1.48409	0.0825748	0.497392	-2.01049	0.186931	0.601627	-1.66216	0.00538836	0.264273	-3.78396	0.0549146	0.453527	-2.20494	0.270805	0.659381	-1.51657	0.440105	0.751273	-1.33107	0.926584	0.967078	-1.03404	0.337611	0.698322	-1.432	2.3843	4.98223	1.85742	1
cg25021247	AMT;AMT;AMT;AMT;NICN1;AMT	0.117696	0.415692	1.4458	1.4458	0.288112	1.63023	1.63023	0.213726	1.78637	1.78637	0.287562	1.63121	1.63121	0.14376	2.00587	2.00587	0.285583	1.63475	1.63475	0.00382833	5.62762	5.62762	0.0646504	2.50854	2.50854	0.344278	1.53988	1.53988	2.3843	7.41572	2.76465	1
cg24291279	EXOC2	0.117696	0.691418	0.913029	-1.09526	0.112785	1.4824	1.4824	0.487687	0.851464	-1.17445	0.0635333	1.60927	1.60927	0.130699	0.68921	-1.45094	0.613402	1.1232	1.1232	0.0287752	0.555371	-1.8006	0.45317	1.19038	1.19038	0.991964	0.997706	-1.0023	2.38429	1.964	0.732198	1
cg03050981	LEPR;LEPR;LEPR	0.117696	0.0455118	0.369868	-2.70367	0.0218658	0.30329	-3.29718	0.243702	0.589207	-1.6972	0.414139	0.696259	-1.43625	0.100745	0.458592	-2.18059	0.163268	0.524496	-1.90659	0.0160719	0.278689	-3.58823	0.278985	0.613766	-1.62929	0.509004	0.747869	-1.33713	2.38429	7.10192	2.64767	1
cg07284990	SIDT2	0.117696	0.300601	0.823248	-1.2147	0.0723065	1.43862	1.43862	0.192308	1.28433	1.28433	0.319741	0.829907	-1.20495	0.979655	0.995387	-1.00463	0.0927939	0.71508	-1.39845	0.0686968	0.691099	-1.44697	0.406963	1.16628	1.16628	0.212113	1.26913	1.26913	2.38429	1.24162	0.46289	1
cg18971282	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.117697	0.730745	1.09953	1.09953	0.586576	1.16279	1.16279	0.0850776	0.592759	-1.68703	0.917876	0.972068	-1.02873	0.39934	1.26743	1.26743	0.0150538	0.440123	-2.27209	0.074704	1.72514	1.72514	0.9117	1.03094	1.03094	0.42148	0.798072	-1.25302	2.38428	2.84894	1.06212	1
cg20526108	AHCY;AHCY	0.117697	0.745284	0.949925	-1.05271	0.778174	1.04551	1.04551	0.726913	1.05681	1.05681	0.258012	0.830264	-1.20444	0.454965	1.12743	1.12743	0.707071	1.0613	1.0613	0.0143837	1.60879	1.60879	0.21343	1.22934	1.22934	0.0196046	1.55959	1.55959	2.38428	0.937882	0.349654	1
cg04504001	PSMD7	0.117697	0.844676	0.930814	-1.07433	0.0234521	0.371777	-2.68978	0.872301	0.942897	-1.06056	0.12009	0.539913	-1.85215	0.0276436	0.386055	-2.59031	0.192658	0.604121	-1.6553	0.0586379	0.45805	-2.18317	0.538435	1.25567	1.25567	0.218844	0.623319	-1.60432	2.38428	5.04508	1.88087	1
cg12761518	HSD11B1	0.117698	0.162177	0.701905	-1.42469	0.223957	0.7386	-1.35391	0.57701	0.874906	-1.14298	0.815221	1.05709	1.05709	0.00702022	0.437495	-2.28574	0.0727061	0.621968	-1.6078	0.912787	0.974351	-1.02632	0.528623	0.8595	-1.16347	0.304052	1.28718	1.28718	2.38427	2.12408	0.791886	1
cg13470719	UBE3C	0.117698	0.444989	0.85865	-1.16462	0.0715861	0.674509	-1.48256	0.331176	0.821817	-1.21682	0.0486526	0.643542	-1.5539	0.83112	0.959062	-1.04269	0.128303	0.724876	-1.37955	0.0522825	1.54037	1.54037	0.534021	1.13119	1.13119	0.224376	0.77896	-1.28376	2.38427	1.44652	0.539282	1
cg26785230	FAM96B;CES2;FAM96B;CES2	0.117703	0.174018	1.30569	1.30569	0.0226438	1.65423	1.65423	0.114722	1.37214	1.37214	0.43393	1.15866	1.15866	0.504445	0.882559	-1.13307	0.336782	0.833054	-1.2004	0.553435	1.11691	1.11691	0.227343	0.791565	-1.26332	0.0781494	1.43471	1.43471	2.38423	1.28449	0.478885	1
cg25817244	LAMC3	0.117703	0.0544741	5.30575	5.30575	0.0236879	7.89048	7.89048	0.119338	3.6429	3.6429	0.0763007	4.51931	4.51931	0.833849	0.85158	-1.17429	0.969641	1.02954	1.02954	0.670623	1.38709	1.38709	0.0659591	4.84438	4.84438	0.0707101	4.68646	4.68646	2.38423	22.0901	8.23564	1
cg13632713	ALS2CR4;ALS2CR4	0.117705	0.191014	0.813761	-1.22886	0.832303	1.03207	1.03207	0.616311	0.927556	-1.0781	0.798157	0.962573	-1.03888	0.0193275	1.52364	1.52364	0.919056	0.984983	-1.01525	0.1021	0.766186	-1.30517	0.556154	1.09265	1.09265	0.0611397	1.36902	1.36902	2.38421	0.836658	0.311926	1
cg04756594	SLC5A11;SLC5A11	0.117707	0.235585	1.64543	1.64543	0.899945	1.05169	1.05169	0.0090047	0.264357	-3.78276	0.588575	1.24457	1.24457	0.87742	0.940035	-1.06379	0.521957	1.29696	1.29696	0.212611	0.590998	-1.69205	0.115766	1.98363	1.98363	0.643445	0.82965	-1.20533	2.38419	6.06095	2.25968	1
cg01092036	MMP8	0.117708	0.757583	0.944019	-1.0593	0.0223671	0.600948	-1.66404	0.856154	0.9668	-1.03434	0.57645	1.11072	1.11072	0.343519	0.833959	-1.1991	0.618869	0.910907	-1.09781	0.0161491	1.72915	1.72915	0.812727	1.04515	1.04515	0.592023	1.1059	1.1059	2.38418	1.30738	0.487428	1
cg25103766	FAM72B	0.117713	0.444085	0.900426	-1.11059	0.974986	0.995794	-1.00422	0.745127	0.957099	-1.04482	0.332961	1.14369	1.14369	0.377369	0.885355	-1.12949	0.824341	1.03034	1.03034	0.00290054	0.57675	-1.73385	0.480758	0.908148	-1.10114	0.945395	1.00925	1.00925	2.38414	0.68237	0.254411	1
cg26349332	TOMM5;TOMM5;TOMM5	0.117714	0.137091	0.777212	-1.28665	0.611482	1.08396	1.08396	0.799367	1.0409	1.0409	0.971716	0.994435	-1.0056	0.821199	0.965	-1.03627	0.545578	0.908216	-1.10106	0.0106597	0.603324	-1.65748	0.246997	1.20988	1.20988	0.0998485	1.32819	1.32819	2.38413	0.935346	0.348731	1
cg23328852	FSTL4	0.117715	0.915534	1.05102	1.05102	0.00365227	6.32234	6.32234	0.821424	1.11187	1.11187	0.681631	0.824086	-1.21347	0.798525	0.88694	-1.12747	0.617525	1.26636	1.26636	0.255565	0.573081	-1.74496	0.428869	0.684666	-1.46057	0.480302	1.4001	1.4001	2.38412	8.30752	3.09736	1
cg09735905	HHLA3;ANKRD13C;HHLA3;HHLA3;HHLA3;ANKRD13C	0.117719	0.141448	0.822549	-1.21573	0.337278	1.13	1.13	0.505033	1.08715	1.08715	0.125927	1.227	1.227	0.399009	0.898821	-1.11257	0.0684655	0.777256	-1.28658	0.0781426	0.785218	-1.27353	0.0682037	0.777027	-1.28696	0.953554	1.00722	1.00722	2.38408	0.576292	0.214867	1
cg10117734	PALLD;PALLD;PALLD	0.117724	0.0414623	0.516715	-1.9353	0.431187	0.798036	-1.25308	0.688352	1.11988	1.11988	0.0131413	0.421686	-2.37143	0.497067	1.21362	1.21362	0.0894356	0.591059	-1.69188	0.126495	0.628652	-1.59071	0.724278	0.905334	-1.10457	0.980692	1.00682	1.00682	2.38404	2.97722	1.11006	1
cg01279990	ARHGAP23	0.117726	0.414651	0.851784	-1.17401	0.119814	1.3836	1.3836	0.0991051	0.706213	-1.416	0.704459	1.07607	1.07607	0.781029	1.05507	1.05507	0.617406	0.907656	-1.10174	0.0100497	1.86834	1.86834	0.755475	0.941669	-1.06194	0.567581	0.894799	-1.11757	2.38402	1.3975	0.521064	1
cg23483894	CTSW	0.117727	0.732572	1.1545	1.1545	0.987457	0.993437	-1.00661	0.0187433	0.303291	-3.29716	0.516238	1.31744	1.31744	0.838219	0.917935	-1.0894	0.432973	0.715227	-1.39816	0.715516	1.16569	1.16569	0.289013	0.630653	-1.58566	0.0115113	0.266116	-3.75776	2.38401	6.62402	2.46979	1
cg02239082	CYTH2;CYTH2	0.117729	0.067394	0.684454	-1.46102	0.865306	1.0319	1.0319	0.315749	1.21153	1.21153	0.331795	0.830918	-1.20349	0.414682	0.857065	-1.16677	0.838501	0.962952	-1.03847	0.00524652	0.506064	-1.97603	0.424514	0.859954	-1.16285	0.883166	0.973164	-1.02758	2.38399	1.29207	0.481757	1
cg26764358	AUTS2;AUTS2;AUTS2	0.117733	0.0978303	0.516567	-1.93586	0.028713	0.391246	-2.55594	0.0796217	0.49284	-2.02905	0.349105	1.41988	1.41988	0.0432931	0.429374	-2.32897	0.212203	0.620068	-1.61273	0.712134	0.873894	-1.1443	0.803653	1.09483	1.09483	0.138798	0.56016	-1.78521	2.38396	4.99443	1.86224	1
cg02428506	ARHGDIG;PDIA2	0.117734	0.252372	0.711713	-1.40506	0.798488	0.929816	-1.07548	0.913105	1.03154	1.03154	0.0373704	0.502994	-1.98809	0.0143858	0.42395	-2.35877	0.631607	1.14729	1.14729	0.287235	1.36931	1.36931	0.213214	0.688766	-1.45187	0.521608	1.20293	1.20293	2.38395	3.05465	1.13897	1
cg16565890	RIMS1	0.117735	0.181076	0.772352	-1.29475	0.767266	1.05547	1.05547	0.413149	0.858815	-1.1644	0.0553595	1.48452	1.48452	0.806749	1.04559	1.04559	0.821257	0.95967	-1.04203	0.212682	1.26969	1.26969	0.0686174	0.690182	-1.44889	0.0490686	0.664501	-1.50489	2.38394	1.24949	0.465892	1
cg12156655	GOLGA3	0.117735	0.557329	1.19585	1.19585	0.207776	0.670124	-1.49226	0.371149	0.758248	-1.31883	0.744664	1.1035	1.1035	0.943774	0.978968	-1.02148	0.182064	1.53242	1.53242	0.00703535	2.85772	2.85772	0.156049	1.57986	1.57986	0.536632	1.20752	1.20752	2.38394	3.42912	1.2786	1
cg27216259	FAM46A	0.117743	0.0159928	0.265563	-3.76558	0.377222	1.50283	1.50283	0.442673	1.42176	1.42176	0.415852	1.45334	1.45334	0.845221	1.09184	1.09184	0.44308	0.703581	-1.4213	0.0408268	0.345971	-2.89041	0.627963	1.2455	1.2455	0.321943	1.58408	1.58408	2.38387	7.63073	2.84532	1
cg14392677	NOTCH1	0.117744	0.530803	1.50278	1.50278	0.90166	0.92376	-1.08253	0.566362	0.689459	-1.45041	0.159223	2.62511	2.62511	0.0312492	0.197632	-5.05991	0.532192	1.50066	1.50066	0.887132	0.912919	-1.09539	0.0163182	6.57849	6.57849	0.802137	1.17477	1.17477	2.38386	15.5383	5.79389	1
cg08437576	PAQR5;PAQR5	0.117745	0.26276	0.573626	-1.7433	0.0137219	0.234451	-4.26528	0.0230125	0.274118	-3.64806	0.134138	0.463508	-2.15746	0.297929	0.598335	-1.6713	0.6736	0.817375	-1.22343	0.777363	1.14446	1.14446	0.0966455	0.419725	-2.38251	0.158705	0.48816	-2.04851	2.38384	8.55428	3.18972	1
cg04897230	KCNA2	0.117749	0.821969	1.1096	1.1096	0.354312	1.5523	1.5523	0.0641887	2.61105	2.61105	0.00631525	5.16115	5.16115	0.647374	1.23679	1.23679	0.75627	1.1545	1.1545	0.171626	0.510913	-1.95728	0.467721	1.40632	1.40632	0.761573	1.15077	1.15077	2.38381	8.03942	2.99778	1
cg24476453	FSIP1	0.117749	0.203384	0.682962	-1.46421	0.246086	0.708558	-1.41132	0.749638	1.09519	1.09519	0.337311	0.755068	-1.32438	0.830021	1.06296	1.06296	0.922454	1.02804	1.02804	0.181745	1.4957	1.4957	0.0176763	2.26947	2.26947	0.071972	1.76907	1.76907	2.38381	3.04538	1.13558	1
cg07723258	MED24;MED24	0.117753	0.914324	0.935551	-1.06889	0.0217697	5.49995	5.49995	0.5744	1.42084	1.42084	0.620062	0.733909	-1.36257	0.0699185	0.285208	-3.50621	0.292077	0.508295	-1.96736	0.0695408	0.284613	-3.51354	0.421759	1.662	1.662	0.936113	1.05088	1.05088	2.38377	14.4675	5.39479	1
cg23521835	STL	0.117753	0.490504	0.91081	-1.09792	0.143732	1.23311	1.23311	0.86146	0.97697	-1.02357	0.299375	1.15427	1.15427	0.213202	1.19107	1.19107	0.559317	1.08194	1.08194	0.494856	0.911688	-1.09687	0.554507	1.08301	1.08301	0.00473885	1.64934	1.64934	2.38377	0.671718	0.250478	1
cg05501721	CRTC1;CRTC1	0.117755	0.798641	1.11122	1.11122	0.340995	1.49901	1.49901	0.935339	1.03404	1.03404	0.96641	0.982777	-1.01752	0.0317545	0.353979	-2.82502	0.251601	0.610103	-1.63907	?	?	?	0.078671	2.23825	2.23825	0.0796036	2.23146	2.23146	2.40725	5.76782	2.39602	1
cg03466331	SRP14	0.117758	0.505599	0.816067	-1.22539	0.299144	0.723387	-1.38239	0.947172	1.02014	1.02014	0.0583306	1.90361	1.90361	0.121121	1.65825	1.65825	0.165438	1.56075	1.56075	0.193114	0.660719	-1.5135	0.840567	0.94119	-1.06248	0.0340257	2.10547	2.10547	2.38373	3.41844	1.27473	1
cg02343318	ZNF790	0.117765	0.0338707	0.810257	-1.23418	0.864625	0.985611	-1.0146	0.178863	1.12896	1.12896	0.622077	0.958677	-1.0431	0.0404359	0.817878	-1.22268	0.401823	1.0756	1.0756	0.10369	1.16316	1.16316	0.532098	0.947664	-1.05523	0.753313	0.973576	-1.02714	2.38366	0.272364	0.101567	1
cg00562969	AJAP1;AJAP1	0.117766	0.0838355	1.79415	1.79415	0.946976	1.02053	1.02053	0.942767	0.978302	-1.02218	0.619219	0.858074	-1.1654	0.0284568	2.20347	2.20347	0.443649	1.2695	1.2695	0.0127794	2.57288	2.57288	0.134899	1.63631	1.63631	0.727674	1.11272	1.11272	2.38366	3.52407	1.31416	1
cg11373557	POLD1	0.117769	0.0896658	0.674831	-1.48185	0.245214	1.29111	1.29111	0.188846	0.7463	-1.33994	0.100439	0.68504	-1.45977	0.0857041	0.67082	-1.49071	0.160765	0.729853	-1.37014	0.182758	1.34608	1.34608	0.49417	0.864209	-1.15713	0.278576	1.26722	1.26722	2.38363	1.66807	0.622045	1
cg17198200	NAF1;NAF1	0.117771	0.0844382	0.584192	-1.71177	0.35317	0.764112	-1.30871	0.110071	0.612333	-1.6331	0.835507	0.943126	-1.0603	0.143774	0.642533	-1.55634	0.162942	0.657423	-1.52109	0.721006	0.903946	-1.10626	0.0587931	0.548208	-1.82413	0.007751	0.381716	-2.61975	2.38361	2.99403	1.11652	1
cg19009405	HNRNPUL2	0.117773	0.0699404	0.637063	-1.5697	0.0729271	1.56062	1.56062	0.655442	0.904899	-1.1051	0.975753	1.00679	1.00679	0.302131	0.788315	-1.26853	0.460525	0.846049	-1.18196	0.0119597	0.497703	-2.00923	0.824542	0.951793	-1.05065	0.991743	0.9977	-1.00231	2.3836	1.86901	0.69699	1
cg27084654	ZBTB38	0.117774	0.396918	0.680718	-1.46904	0.035754	2.95455	2.95455	0.0352919	2.96518	2.96518	0.659317	1.21738	1.21738	0.263711	0.596567	-1.67626	0.741606	1.15801	1.15801	0.404892	0.685334	-1.45914	0.0729356	2.42748	2.42748	0.737556	0.861475	-1.1608	2.38359	7.42097	2.76743	1
cg25583619	ERAP2;ERAP2	0.117777	0.0564724	0.386413	-2.58791	0.309022	0.629034	-1.58974	0.0501372	0.374042	-2.6735	0.848857	1.08764	1.08764	0.0114333	0.248177	-4.02938	0.69885	1.1867	1.1867	0.124752	0.481058	-2.07875	0.592882	0.788491	-1.26825	0.271291	0.603941	-1.65579	2.38356	7.31897	2.72943	1
cg02044754	C10orf11	0.11778	0.928721	0.964195	-1.03713	0.209383	1.71461	1.71461	0.834485	0.918265	-1.08901	0.0204855	0.320493	-3.12019	0.287246	0.637433	-1.56879	0.813465	0.908166	-1.10112	0.0371775	0.373118	-2.68012	0.516074	1.3078	1.3078	0.0896962	0.466547	-2.14341	2.38353	6.26937	2.33803	1
cg23472261	EPHB6	0.117781	0.157116	0.689559	-1.4502	0.106871	1.54101	1.54101	0.320101	0.776948	-1.28709	0.314257	1.29131	1.29131	0.135033	1.48555	1.48555	0.347114	1.26849	1.26849	0.0168035	2.04781	2.04781	0.921986	1.02436	1.02436	0.666871	0.899082	-1.11225	2.38352	2.27807	0.849561	1
cg09722826	CYLD;CYLD;CYLD	0.117782	0.418733	1.27816	1.27816	0.119618	0.60556	-1.65136	0.246931	1.43277	1.43277	0.264363	0.707832	-1.41276	0.0452234	0.505407	-1.9786	0.752567	1.09849	1.09849	0.0315383	0.47285	-2.11484	0.379303	1.30722	1.30722	0.38318	0.766733	-1.30423	2.38351	3.33044	1.24203	1
cg22418360	UBE2F	0.117783	0.0494043	0.693095	-1.4428	0.860714	1.02913	1.02913	0.162855	1.27574	1.27574	0.618931	1.08542	1.08542	0.149166	1.28771	1.28771	0.0567904	1.42254	1.42254	0.138039	0.770235	-1.2983	0.598739	0.916856	-1.09068	0.312186	1.18638	1.18638	2.3835	1.00879	0.376211	1
cg17469240	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.117783	0.230922	0.613738	-1.62936	0.0346908	0.384236	-2.60256	0.666005	0.844764	-1.18376	0.386362	0.708252	-1.41193	0.0284253	0.36613	-2.73127	0.39873	0.714888	-1.39882	0.110124	1.96689	1.96689	0.341396	1.46352	1.46352	0.906577	0.955418	-1.04666	2.3835	5.69669	2.12449	1
cg08398290	JMJD8	0.117784	0.23589	0.513656	-1.94683	0.82455	1.12647	1.12647	0.00486634	7.40538	7.40538	0.639343	0.776357	-1.28807	0.64092	0.777296	-1.28651	0.161368	2.23041	2.23041	0.436358	1.53094	1.53094	0.798949	1.1467	1.1467	0.738221	0.835358	-1.19709	2.3835	10.8587	4.0496	1
cg03048432	NIN;NIN;NIN;NIN	0.117786	0.64043	1.22923	1.22923	0.115045	2.12078	2.12078	0.403677	1.45485	1.45485	0.390048	0.679487	-1.4717	0.00952135	0.23672	-4.2244	0.202148	1.80548	1.80548	0.563966	1.29163	1.29163	0.472576	1.37786	1.37786	0.771295	0.879964	-1.13641	2.38347	7.26587	2.70972	1
cg23474379	ZNF527	0.117788	0.0120181	0.36042	-2.77454	0.297177	0.703228	-1.42201	0.566732	0.828092	-1.2076	0.041071	0.464001	-2.15517	0.235076	0.666711	-1.4999	0.884206	1.04862	1.04862	0.11858	0.575844	-1.73658	0.432976	1.29778	1.29778	0.133945	0.590656	-1.69303	2.38346	4.00565	1.49387	1
cg26186545	FCGR3A;FCGR3A;FCGR3A;FCGR3A;FCGR3A	0.117791	0.0987187	0.674074	-1.48352	0.26645	1.28691	1.28691	0.0579043	0.626846	-1.59529	0.161477	0.721992	-1.38506	0.13794	0.706098	-1.41623	0.111294	0.685305	-1.4592	0.210872	0.750367	-1.33268	0.0297446	0.572758	-1.74594	0.163147	0.72305	-1.38303	2.38343	1.7915	0.668133	1
cg07319162	STK39	0.117792	0.200884	1.58307	1.58307	0.186255	0.620952	-1.61043	0.298081	0.692957	-1.44309	0.191786	1.59981	1.59981	0.363839	0.728092	-1.37345	0.0334186	2.3284	2.3284	0.510525	1.25479	1.25479	0.0497629	2.14048	2.14048	0.992839	0.996953	-1.00306	2.38342	4.36486	1.62786	1
cg09385815	CX3CL1	0.117793	0.893215	1.02293	1.02293	0.0950446	0.733667	-1.36302	0.0170249	0.611888	-1.63429	0.3626	0.853866	-1.17114	0.129381	0.758324	-1.3187	0.444519	1.14065	1.14065	0.0265817	0.641619	-1.55856	0.333495	0.845003	-1.18343	0.831774	0.964722	-1.03657	2.38341	1.07596	0.401278	1
cg03088791	PLCE1	0.117798	0.00615326	0.397813	-2.51375	0.16614	1.46352	1.46352	0.28742	0.752105	-1.3296	0.767323	1.07953	1.07953	0.984655	0.995052	-1.00497	0.894553	0.966376	-1.03479	0.4204	0.808715	-1.23653	0.154142	0.674719	-1.4821	0.291315	0.753961	-1.32633	2.38337	2.51093	0.936465	1
cg01681525	BAHCC1	0.117798	0.149572	0.429123	-2.33033	0.0236455	4.39027	4.39027	0.265851	1.88674	1.88674	0.199068	0.475682	-2.10225	0.496088	0.684946	-1.45997	0.528858	0.705155	-1.41813	0.0604849	0.313784	-3.18691	0.522136	0.701026	-1.42648	0.9552	1.03124	1.03124	2.38337	11.3169	4.22071	1
cg26677394	RCAN2	0.117799	0.515309	0.729833	-1.37018	0.0607076	0.364417	-2.74411	0.0282943	0.290502	-3.44231	0.196297	0.520857	-1.91991	0.0490678	0.342124	-2.92292	0.522695	0.733982	-1.36243	0.0147072	0.238466	-4.19347	0.597878	0.77561	-1.28931	0.306496	0.603252	-1.65768	2.38335	8.6027	3.20844	1
cg05876623	NR2F2	0.117802	0.0294875	2.18035	2.18035	0.172412	0.643012	-1.55518	0.954537	0.982814	-1.01749	0.592177	1.17871	1.17871	0.89808	1.03973	1.03973	0.896923	0.961356	-1.0402	0.26765	0.703906	-1.42065	0.29626	0.719423	-1.39	0.0271846	2.21432	2.21432	2.38333	3.48988	1.30159	1
cg02448597	GPSM3	0.117805	0.655893	0.85841	-1.16494	0.21719	0.642754	-1.5558	0.0159763	0.366327	-2.7298	0.853411	0.938976	-1.06499	0.120752	0.563923	-1.77329	0.800185	0.917283	-1.09018	0.385702	1.35355	1.35355	0.477014	0.78181	-1.27908	0.0175041	0.373648	-2.67631	2.3833	4.37432	1.63147	1
cg05204123	TLCD2	0.117806	0.338554	1.38436	1.38436	0.787815	1.09302	1.09302	0.720018	0.888107	-1.12599	0.487393	1.2619	1.2619	0.0145732	2.69642	2.69642	0.129798	0.583017	-1.71522	0.118705	1.74781	1.74781	0.161939	1.63615	1.63615	0.10559	1.79118	1.79118	2.3833	4.10276	1.53019	1
cg20579065	PPP1R3E	0.117808	0.340317	1.20071	1.20071	0.730837	1.06639	1.06639	0.255081	1.24753	1.24753	0.442105	1.15706	1.15706	0.275869	1.23489	1.23489	0.0275092	1.62457	1.62457	0.00577655	1.96043	1.96043	0.735134	0.938753	-1.06524	0.616528	1.09854	1.09854	2.38327	1.30773	0.487743	1
cg10170443	BTF3;BTF3	0.117811	0.257682	0.835849	-1.19639	0.0397906	0.697104	-1.43451	0.0113894	0.618265	-1.61743	0.74829	1.05009	1.05009	0.140085	0.785855	-1.2725	0.553982	0.913131	-1.09513	0.499499	0.901173	-1.10966	0.312053	0.853207	-1.17205	0.286142	1.18312	1.18312	2.38325	0.869807	0.324415	1
cg02845997	ELK3	0.117817	0.0138244	0.637743	-1.56803	0.89788	1.01916	1.01916	0.0375943	0.70003	-1.42851	0.309494	0.855996	-1.16823	0.255006	0.838867	-1.19208	0.179653	0.810013	-1.23455	0.0631235	0.734157	-1.36211	0.652453	0.935172	-1.06932	0.0686608	0.739861	-1.35161	2.38319	0.82502	0.307718	1
cg21528620	KCNC4;KCNC4;KCNC4	0.117818	0.913258	1.02081	1.02081	0.0829481	1.43752	1.43752	0.0982333	1.40893	1.40893	0.364166	1.19277	1.19277	0.842559	1.03831	1.03831	0.359833	1.19478	1.19478	0.0234347	0.599413	-1.6683	0.211561	0.779746	-1.28247	0.542585	0.890018	-1.12357	2.38318	1.34875	0.503061	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12024292	ASTN2;ASTN2;ASTN2	0.117819	0.0607901	0.322072	-3.1049	0.365377	0.607428	-1.64629	0.99022	1.00659	1.00659	0.389071	0.623044	-1.60502	0.0542344	0.31006	-3.22518	0.33922	0.589772	-1.69557	0.00763136	0.159038	-6.28782	0.107677	0.390225	-2.56262	0.225367	0.505345	-1.97884	2.38317	10.8447	4.04492	1
cg12206093	FRMD8	0.11782	?	?	?	0.875229	0.918777	-1.0884	0.790239	0.866098	-1.1546	?	?	?	?	?	?	?	?	?	0.0087168	0.153578	-6.51135	0.934959	1.04498	1.04498	0.663111	0.789391	-1.2668	2.65368	6.64144	3.50381	1
cg22774379	OAZ1	0.11782	0.0530043	0.656264	-1.52378	0.22028	0.781241	-1.28001	0.938116	0.985236	-1.01498	0.0699194	0.678279	-1.47432	0.322908	1.21602	1.21602	0.0456343	0.644682	-1.55115	0.0698496	0.678198	-1.4745	0.373526	1.19123	1.19123	0.525124	0.883954	-1.13128	2.38316	1.38492	0.516555	1
cg11458555	GRIA3;GRIA3	0.117822	0.0841043	0.2848	-3.51123	0.00856258	0.110348	-9.06227	0.0782971	0.276542	-3.61608	0.74795	1.236	1.236	0.244691	0.449437	-2.225	0.146131	0.358689	-2.78793	0.961305	0.96862	-1.0324	0.707968	1.28055	1.28055	0.930099	1.05935	1.05935	2.38315	16.3004	6.07989	1
cg06889525	KCNQ1;KCNQ1	0.117825	0.417835	0.866001	-1.15473	0.688395	1.07256	1.07256	0.215149	0.797139	-1.25449	0.709152	0.936966	-1.06727	0.217826	1.25266	1.25266	0.694812	0.933777	-1.07092	0.00804328	1.80398	1.80398	0.921061	0.982923	-1.01737	0.118828	1.34204	1.34204	2.38312	1.1397	0.425101	1
cg00560482	HMX3	0.117828	0.204294	1.74556	1.74556	0.353875	1.48685	1.48685	0.292576	1.57471	1.57471	0.131836	0.50845	-1.96676	0.230781	1.68669	1.68669	0.304197	1.55661	1.55661	0.964483	1.01869	1.01869	0.0207291	0.314105	-3.18365	0.305406	0.643184	-1.55477	2.38309	6.52685	2.4345	1
cg21525092	CAMTA1	0.117828	0.129105	1.24533	1.24533	0.0164486	1.4802	1.4802	0.784952	1.03727	1.03727	0.108055	0.790907	-1.26437	0.527548	1.08941	1.08941	0.543158	0.920958	-1.08583	0.0915607	1.28218	1.28218	0.480101	0.908432	-1.1008	0.891709	1.01839	1.01839	2.38309	0.675552	0.25198	1
cg00919055	CDX1	0.117831	0.0675274	2.15141	2.15141	0.230911	1.60009	1.60009	0.603482	0.822017	-1.21652	0.341494	1.44284	1.44284	0.0493003	2.31466	2.31466	0.0842933	2.04279	2.04279	0.0178939	2.93411	2.93411	0.146955	1.78997	1.78997	0.139129	1.81379	1.81379	2.38307	5.28023	1.96953	1
cg06497934	MACROD1	0.117832	0.0303499	0.458795	-2.17962	0.709526	0.891787	-1.12134	0.394874	0.765885	-1.30568	0.67926	0.880503	-1.13572	0.111128	0.587881	-1.70102	0.222963	1.47988	1.47988	0.0765447	1.82762	1.82762	0.915567	1.03299	1.03299	0.107578	0.584188	-1.71178	2.38306	3.53598	1.31893	1
cg10935069	UBXN2B	0.117835	0.168364	0.63427	-1.57661	0.0342339	0.464759	-2.15165	0.334493	1.36168	1.36168	0.0728708	0.537642	-1.85997	0.802212	0.925108	-1.08095	0.671421	0.876042	-1.1415	0.0452995	2.03854	2.03854	0.657123	0.870609	-1.14862	0.836267	0.937831	-1.06629	2.38303	3.63066	1.35427	1
cg27462969	SERBP1;SERBP1;SERBP1;SERBP1	0.117837	0.511774	0.921085	-1.08568	0.0354438	1.35326	1.35326	0.998788	1.00019	1.00019	0.455116	1.09854	1.09854	0.0778167	1.27393	1.27393	0.0497518	1.31849	1.31849	0.176134	1.19443	1.19443	0.0480905	1.32193	1.32193	0.0889029	1.26087	1.26087	2.38302	0.575972	0.214843	1
cg03460745	FNDC3B;FNDC3B	0.117839	0.209626	0.759363	-1.31689	0.0292953	0.585943	-1.70665	0.285558	0.793815	-1.25974	0.614771	0.899746	-1.11143	0.625102	1.10796	1.10796	0.212021	1.3148	1.3148	0.0551257	1.57252	1.57252	0.895719	1.02768	1.02768	0.229649	1.30005	1.30005	2.383	1.63569	0.610133	1
cg24860752	HIRA;MRPL40	0.117845	0.802855	0.875192	-1.14261	0.842825	0.899605	-1.1116	0.557524	1.3718	1.3718	0.49388	0.690552	-1.44812	0.155783	0.445151	-2.24643	0.826108	0.889354	-1.12441	0.00375451	0.124312	-8.04425	0.0967843	0.378509	-2.64194	0.644951	0.780925	-1.28053	2.38294	10.719	3.99842	1
cg27290394	GFI1;GFI1;GFI1	0.117846	0.860689	0.885075	-1.12985	0.508291	1.59424	1.59424	0.0523452	4.63465	4.63465	0.4157	0.560931	-1.78275	0.508393	0.627332	-1.59405	0.946906	0.954771	-1.04737	0.930609	0.941267	-1.0624	0.00769827	10.8033	10.8033	0.206939	2.52188	2.52188	2.38293	18.2289	6.79979	1
cg27613998	CDC42EP3	0.117846	0.0429572	0.187002	-5.34753	0.0481862	0.196854	-5.07991	0.33953	0.492353	-2.03106	0.617714	0.696158	-1.43646	0.0189349	0.129299	-7.73404	0.17536	0.354405	-2.82163	0.0404581	0.182057	-5.4928	0.179403	0.358262	-2.79125	0.16939	0.348641	-2.86828	2.38293	19.5532	7.29382	1
cg25905812	DMRT1	0.117854	0.0436103	0.629899	-1.58756	0.375011	0.834103	-1.19889	0.550749	1.12779	1.12779	0.466271	0.862683	-1.15917	0.16273	1.34566	1.34566	0.0139335	0.545997	-1.83151	0.61862	1.10515	1.10515	0.726597	1.07244	1.07244	0.524663	0.879468	-1.13705	2.38286	1.4979	0.55877	1
cg18750960	HOXD4	0.117854	0.0281637	39.6277	39.6277	0.745888	0.630307	-1.58653	0.620372	0.492267	-2.03142	0.696293	0.573045	-1.74506	0.0271107	40.9914	40.9914	0.600182	0.472038	-2.11847	0.0619284	19.7636	19.7636	0.155513	8.64714	8.64714	0.721668	1.66151	1.66151	2.38286	76.0362	28.3642	1
cg03426840	DDX6	0.117858	0.667753	0.949679	-1.05299	0.30944	0.88182	-1.13402	0.257934	0.868358	-1.1516	0.402762	0.902684	-1.10781	0.607344	1.06394	1.06394	0.219147	1.16709	1.16709	0.00461035	0.637122	-1.56956	0.842473	0.97649	-1.02408	0.742132	1.04027	1.04027	2.38282	0.539536	0.201269	1
cg17927613	CHD5	0.117859	0.0314777	2.83754	2.83754	0.0551462	2.45676	2.45676	0.311487	1.54168	1.54168	0.0488689	2.53417	2.53417	0.880946	0.939923	-1.06392	0.137355	1.93773	1.93773	0.989583	0.994617	-1.00541	0.0370065	2.72175	2.72175	0.14677	1.90374	1.90374	2.38281	6.44972	2.40602	1
cg25957058	GPR1;GPR1	0.117862	0.0331903	0.151773	-6.5888	0.158329	0.31918	-3.13303	0.690531	0.738567	-1.35397	0.967249	0.969387	-1.03158	0.017773	0.11276	-8.86839	0.49217	0.589629	-1.69598	0.299925	0.44332	-2.25571	0.108966	0.26615	-3.75729	0.0307695	0.146441	-6.82867	2.38279	21.64	8.07272	1
cg03564338	NKD1	0.117864	0.180143	0.374661	-2.66908	0.024689	0.158053	-6.32699	0.248951	0.435542	-2.29599	0.626007	0.712655	-1.4032	0.00745673	0.0928823	-10.7663	0.092357	0.278688	-3.58824	0.59934	0.693758	-1.44143	0.406114	0.556439	-1.79714	0.686921	0.756196	-1.32241	2.38277	17.9526	6.69717	1
cg19422369	GNA12	0.117864	0.192366	0.740162	-1.35106	0.56012	1.1371	1.1371	0.272387	0.779486	-1.2829	0.0584292	0.627331	-1.59405	0.23453	0.762063	-1.31223	0.0238564	0.555463	-1.8003	0.11783	1.44823	1.44823	0.259154	0.773594	-1.29267	0.973496	1.00727	1.00727	2.38277	1.79446	0.669422	1
cg13288301	PHF7;PHF7	0.117866	0.0801728	0.486698	-2.05466	0.430288	1.34804	1.34804	0.520506	0.785347	-1.27332	0.804756	1.09623	1.09623	0.0649545	0.463558	-2.15723	0.283495	0.661419	-1.5119	0.0210239	0.357094	-2.80038	0.0915631	0.501971	-1.99215	0.0872609	0.496375	-2.01461	2.38275	5.19344	1.93742	1
cg03798336	CYTIP	0.117871	0.588291	0.876021	-1.14152	0.0081618	0.440449	-2.27041	0.159949	0.695143	-1.43855	0.741889	0.923074	-1.08334	0.920132	1.02459	1.02459	0.610779	0.883102	-1.13237	0.0948739	1.55978	1.55978	0.356978	1.2579	1.2579	0.559743	0.866897	-1.15354	2.38271	2.2135	0.825765	1
cg12055993	GALNT9	0.117871	0.605677	0.724675	-1.37993	0.282782	1.994	1.994	0.398409	1.70683	1.70683	0.810599	1.16005	1.16005	0.0513795	0.253688	-3.94185	0.493749	1.53688	1.53688	0.0495457	0.250172	-3.99724	0.0491616	4.0092	4.0092	0.54397	1.462	1.462	2.3827	14.4299	5.3832	1
cg12053147	POLN	0.117874	0.313671	0.750896	-1.33174	0.0170489	2.22474	2.22474	0.0968525	1.65047	1.65047	0.510529	0.832353	-1.20141	0.632997	0.876111	-1.14141	0.488647	1.21337	1.21337	0.0584997	1.79979	1.79979	0.158714	1.51313	1.51313	0.84959	1.05358	1.05358	2.38268	2.85229	1.06408	1
cg20879085	TES	0.117876	0.0702178	10.4657	10.4657	0.69478	1.58013	1.58013	0.242419	4.13445	4.13445	0.334244	3.17533	3.17533	0.154239	0.170431	-5.86747	0.875288	1.19987	1.19987	0.318807	0.302601	-3.30468	0.0140933	33.6326	33.6326	0.716836	0.655354	-1.52589	2.38266	50.7927	18.949	1
cg05398321	GPR68	0.117877	0.652603	1.13968	1.13968	0.052576	1.88874	1.88874	0.0692005	1.79789	1.79789	0.547396	0.838885	-1.19206	0.520539	1.20674	1.20674	0.217321	1.45429	1.45429	0.00894	2.61058	2.61058	0.181873	1.50513	1.50513	0.285021	1.37771	1.37771	2.38265	3.14179	1.1721	1
cg14886379	CENPJ	0.117877	0.970367	1.01742	1.01742	0.341716	1.57678	1.57678	0.602094	1.27702	1.27702	0.984161	1.00927	1.00927	0.104308	0.438058	-2.2828	0.0179594	0.262729	-3.8062	0.0248617	0.289016	-3.46002	0.766737	1.1483	1.1483	0.69199	0.831032	-1.20332	2.38265	8.15361	3.04184	1
cg03110165	GPC6	0.117883	0.0242454	0.189468	-5.27793	0.16105	0.395703	-2.52715	0.281969	0.50035	-1.9986	0.527333	0.672586	-1.4868	0.0408968	0.231891	-4.31238	0.866588	0.901109	-1.10974	0.137718	0.371598	-2.69108	0.569816	1.4272	1.4272	0.0290438	0.203214	-4.92093	2.38259	14.473	5.39954	1
cg05136099	S100PBP;YARS;YARS;S100PBP	0.117885	0.0685115	0.70087	-1.4268	0.622366	0.917114	-1.09038	0.779255	0.952204	-1.0502	0.632539	1.08759	1.08759	0.611116	0.9145	-1.09349	0.853672	0.968332	-1.0327	0.0101345	0.56818	-1.76001	0.0849294	1.39381	1.39381	0.57408	0.905759	-1.10405	2.38258	1.14634	0.427674	1
cg02342515	PTPN5;PTPN5;PTPN5	0.117886	0.0496728	0.347669	-2.8763	0.0259961	0.287432	-3.47908	0.37437	0.650366	-1.5376	0.212455	0.538139	-1.85826	0.0300986	0.300134	-3.33185	0.140569	0.473324	-2.11272	0.0370166	0.318954	-3.13524	0.320409	0.616052	-1.62324	0.78861	0.880913	-1.13519	2.38257	8.40078	3.13416	1
cg20582941	ARPP-21;ARPP-21;ARPP-21;ARPP-21;ARPP-21;ARPP-21	0.117888	0.114707	0.283126	-3.532	0.268629	2.33387	2.33387	0.573935	1.51878	1.51878	0.726475	0.77233	-1.29478	0.302255	0.455606	-2.19488	0.345959	0.489702	-2.04206	0.0260761	0.143373	-6.97481	0.0941635	3.87161	3.87161	0.16636	0.337715	-2.96108	2.38255	20.418	7.61759	1
cg04742985	DDX39	0.117889	0.415624	0.733751	-1.36286	0.0723988	0.474274	-2.10848	0.0778407	0.482327	-2.07328	0.908769	1.04358	1.04358	0.369241	0.709553	-1.40934	0.0408957	0.415585	-2.40625	0.0672675	0.466258	-2.14474	0.0562675	0.447385	-2.23521	0.0329134	0.395211	-2.53029	2.38254	5.22407	1.94902	1
cg21478218	TRIM26	0.117894	0.962403	0.974752	-1.0259	0.212019	2.04048	2.04048	0.851907	1.1067	1.1067	0.491548	1.46083	1.46083	0.0175692	0.208564	-4.7947	0.775038	1.16818	1.16818	0.575915	1.35876	1.35876	0.820809	0.884197	-1.13097	0.0221317	0.225753	-4.42962	2.3825	11.1049	4.14315	1
cg13603112	DBC1	0.117894	0.955122	1.01214	1.01214	0.195629	1.34103	1.34103	0.766983	0.938275	-1.06579	0.0137472	1.92148	1.92148	0.699885	1.08659	1.08659	0.0646114	1.56057	1.56057	0.0245904	1.77537	1.77537	0.191129	1.34549	1.34549	0.373673	1.21628	1.21628	2.38249	1.73455	0.647148	1
cg00717297	TMEM120B	0.117896	0.461339	0.878214	-1.13867	0.0737952	0.708139	-1.41215	0.255797	0.814299	-1.22805	0.582799	0.908404	-1.10083	0.93298	0.985541	-1.01467	0.0656797	1.43002	1.43002	0.0327675	1.54116	1.54116	0.255014	0.813999	-1.2285	0.894393	1.02327	1.02327	2.38248	1.13153	0.422166	1
cg10332816	GNPTG;C16orf42	0.117897	0.224441	0.872881	-1.14563	0.84667	1.02084	1.02084	0.185634	1.16129	1.16129	0.85739	0.981018	-1.01935	0.0132704	1.38674	1.38674	0.505975	1.07455	1.07455	0.193692	0.863708	-1.1578	0.078161	1.23183	1.23183	0.954966	1.00603	1.00603	2.38247	0.428306	0.159799	1
cg12141056	FAM129A	0.117898	0.396924	1.1993	1.1993	0.19423	1.33341	1.33341	0.303506	0.799888	-1.25017	0.198144	0.752051	-1.3297	0.0627956	0.644933	-1.55055	0.100898	1.45707	1.45707	0.0598843	1.56017	1.56017	0.467654	1.16746	1.16746	0.773304	0.941283	-1.06238	2.38246	1.65627	0.617949	1
cg00225623	SPATA13;SPATA13	0.1179	0.15552	0.347363	-2.87883	0.059657	0.227922	-4.38746	0.04598	0.203666	-4.91001	0.752801	1.24586	1.24586	0.00951565	0.101742	-9.82878	0.942053	1.05188	1.05188	0.363491	0.522164	-1.91511	0.783351	0.825501	-1.21139	0.853898	0.879629	-1.13684	2.38244	18.2656	6.81491	1
cg07048159	SNORD116-4	0.117903	0.394953	0.814218	-1.22817	0.042453	0.576248	-1.73536	0.246368	1.33106	1.33106	0.811462	0.945187	-1.05799	0.729532	0.921385	-1.08532	0.665394	0.902448	-1.1081	0.507099	1.17206	1.17206	0.0174563	1.97899	1.97899	0.279203	0.7669	-1.30395	2.38242	2.09973	0.783418	1
cg14543780	AFAP1;AFAP1;LOC84740	0.117903	0.105949	0.32522	-3.07484	0.913901	1.07122	1.07122	0.673607	1.30929	1.30929	0.769267	0.829355	-1.20576	0.038814	0.218319	-4.58046	0.226142	0.445542	-2.24446	0.020167	0.168227	-5.94436	0.036846	0.213871	-4.67571	0.412538	0.58688	-1.70392	2.38242	15.2677	5.69646	1
cg22802068	TIMM22	0.117903	0.386669	0.779313	-1.28318	0.340019	1.31855	1.31855	0.0878795	0.585402	-1.70823	0.142416	0.639952	-1.56262	0.0391667	0.504744	-1.9812	0.842812	1.05716	1.05716	0.757689	0.916983	-1.09053	0.163759	1.52225	1.52225	0.120332	1.61228	1.61228	2.52243	3.06447	0.944913	1
cg13131501	RBM8A	0.117904	0.0163321	0.483708	-2.06736	0.966879	0.989781	-1.01032	0.230009	0.732314	-1.36553	0.873194	0.961258	-1.0403	0.0903394	0.630223	-1.58674	0.147411	0.680755	-1.46896	0.0316219	0.536133	-1.86521	0.0706448	0.606689	-1.64829	0.16318	0.691985	-1.44512	2.38241	2.30902	0.861508	1
cg27052781	WDR18	0.117904	0.265054	1.30799	1.30799	0.361401	1.24218	1.24218	0.235171	0.750056	-1.33323	0.776393	0.936297	-1.06804	0.269252	0.766476	-1.30467	0.807591	0.945161	-1.05802	0.00603977	2.29109	2.29109	0.774328	0.935709	-1.06871	0.484449	1.17849	1.17849	2.38241	2.01608	0.75221	1
ch.1.3875151R	KIF21B	0.117904	0.0686739	0.408212	-2.44971	0.0131814	0.258933	-3.86201	0.0391214	0.35004	-2.85682	0.393503	0.680924	-1.46859	0.290906	0.617619	-1.61912	0.854969	0.922703	-1.08377	0.0362802	0.342897	-2.91633	0.497964	0.738966	-1.35324	0.574367	0.779189	-1.28339	2.38241	7.29422	2.72152	1
cg07433373	MAGI2	0.117905	0.261059	0.644703	-1.5511	0.0948256	0.502819	-1.98879	0.14201	0.553653	-1.80618	0.917318	0.961857	-1.03966	0.0119592	0.309003	-3.23622	0.117812	0.529368	-1.88904	0.138638	0.550449	-1.8167	0.316461	0.678509	-1.47382	0.274527	1.5308	1.5308	2.3824	5.29201	1.97448	1
cg03820205	VDAC2	0.117907	0.485071	1.20351	1.20351	0.725168	0.911959	-1.09654	0.0484543	0.555066	-1.80159	0.524157	1.18357	1.18357	0.114343	1.56585	1.56585	0.52832	0.846363	-1.18153	0.121058	1.55106	1.55106	0.0273732	1.97682	1.97682	0.77944	1.07606	1.07606	2.38238	2.5723	0.959751	1
cg15014639	LCP1	0.117909	0.02041	0.11241	-8.89601	0.589307	1.53151	1.53151	0.0211253	0.114337	-8.74605	0.127911	0.276025	-3.62286	0.130313	0.278612	-3.58922	0.460108	0.555331	-1.80073	0.128933	0.277128	-3.60843	0.955855	0.957629	-1.04425	0.199959	0.34682	-2.88334	2.38236	23.0795	8.61122	1
cg05513983	SOX2OT	0.11791	0.158113	1.44991	1.44991	0.247376	0.74325	-1.34544	0.66949	0.900576	-1.1104	0.0498802	1.74432	1.74432	0.337505	0.785011	-1.27387	0.0496449	1.74564	1.74564	0.156272	0.688378	-1.45269	0.227071	1.36523	1.36523	0.712628	1.0944	1.0944	2.52236	2.3219	0.715965	1
cg08386165	TMEM126B	0.11791	0.611355	0.869398	-1.15022	0.0736949	0.580118	-1.72379	0.0177971	0.455252	-2.19659	0.827721	0.942213	-1.06133	0.126454	0.636662	-1.57069	0.153538	1.51792	1.51792	0.275038	1.36363	1.36363	0.974497	1.00877	1.00877	0.367968	0.776811	-1.28732	2.38235	2.81434	1.05007	1
cg22037978	LOC388965	0.11791	0.147098	0.650278	-1.5378	0.361026	1.29656	1.29656	0.893554	0.963648	-1.03772	0.111035	0.618661	-1.61639	0.881277	1.0422	1.0422	0.500799	0.827779	-1.20805	0.0148325	2.29118	2.29118	0.14457	1.54258	1.54258	0.87521	1.04443	1.04443	2.38235	2.88662	1.07704	1
cg22769890	CTBP2;CTBP2;CTBP2	0.117911	0.181782	0.48512	-2.06135	0.0437911	0.306458	-3.26308	0.663483	0.799771	-1.25036	0.160722	0.465495	-2.14825	0.107538	0.408049	-2.45069	0.0813062	0.373001	-2.68096	0.0117872	0.200854	-4.97875	0.948681	0.967684	-1.03339	0.115709	0.417846	-2.39323	2.38234	9.82717	3.66667	1
cg23241914	APOA2;APOA2	0.117911	0.992925	1.00336	1.00336	0.04675	0.423139	-2.36329	0.0212359	0.351278	-2.84675	0.495891	1.29847	1.29847	0.0585001	0.445992	-2.24219	0.408855	1.37588	1.37588	0.405223	1.37945	1.37945	0.923073	1.03716	1.03716	0.583491	0.811261	-1.23265	2.38234	5.38398	2.00885	1
cg25240483	ING5	0.117913	0.318063	1.32382	1.32382	0.0172489	2.20031	2.20031	0.120233	1.58115	1.58115	0.488652	0.825952	-1.21072	0.514423	0.83551	-1.19687	0.172927	1.48325	1.48325	0.0500907	1.83535	1.83535	0.67161	0.890553	-1.1229	0.590363	0.862673	-1.15919	2.38233	2.78785	1.0402	1
cg11736155	HEATR5A	0.117913	0.915771	0.957504	-1.04438	0.0868844	0.460186	-2.17303	0.069235	0.434143	-2.30339	0.207935	0.579838	-1.72462	0.00667328	0.235823	-4.24047	0.804453	0.903186	-1.10719	0.710379	1.16545	1.16545	0.701287	1.17141	1.17141	0.749381	0.876726	-1.14061	2.38232	6.35728	2.37202	1
cg08756735	HIP1R	0.117916	0.470128	0.699597	-1.42939	0.0128917	4.48664	4.48664	0.070671	2.67001	2.67001	0.882557	0.930651	-1.07452	0.0948774	0.409667	-2.44101	0.722571	0.840871	-1.18924	0.42178	1.49032	1.49032	0.469761	1.42983	1.42983	0.856178	1.09221	1.09221	2.3823	8.91901	3.32788	1
cg00373245	PARP10	0.117918	0.0356736	0.477716	-2.09329	0.127307	1.64584	1.64584	0.181522	0.65144	-1.53506	0.19243	0.659109	-1.5172	0.123152	0.60371	-1.65643	0.192171	0.65893	-1.51761	0.155288	1.5833	1.5833	0.551353	0.833504	-1.19975	0.954879	0.983048	-1.01724	2.38228	3.44486	1.28536	1
cg06148375	RUNDC2A	0.11792	0.460431	0.728342	-1.37298	0.0647947	2.39842	2.39842	0.0638513	2.40767	2.40767	0.20951	1.747	1.747	0.349365	1.50132	1.50132	0.118029	0.488749	-2.04604	0.664756	0.83201	-1.20191	0.163319	0.533889	-1.87305	0.32738	0.652816	-1.53182	2.38226	6.71271	2.5047	1
cg20360688	ANO3	0.11792	0.174276	1.52295	1.52295	0.472094	0.808246	-1.23725	0.116273	1.64343	1.64343	0.183593	1.50778	1.50778	0.0216937	2.23041	2.23041	0.658957	1.13801	1.13801	0.0150297	2.38684	2.38684	0.587731	1.17271	1.17271	0.816474	1.07001	1.07001	2.38226	3.19635	1.19265	1
cg06681810	SYNGAP1	0.117921	0.367849	0.760729	-1.31453	0.69827	1.12207	1.12207	0.0536866	1.91123	1.91123	0.968726	1.01166	1.01166	0.187565	0.661715	-1.51122	0.775217	0.918837	-1.08833	0.010111	0.383129	-2.61009	0.520385	0.824788	-1.21243	0.484495	0.810552	-1.23373	2.38225	3.29799	1.23058	1
cg11070193	CATSPER4	0.117921	0.173736	3.11325	3.11325	0.123646	3.70087	3.70087	0.478159	1.76095	1.76095	0.121888	3.72753	3.72753	0.148297	3.37633	3.37633	0.195306	2.92945	2.92945	0.0428649	6.22689	6.22689	0.0114962	11.9508	11.9508	0.0593493	5.31378	5.31378	2.38225	23.2322	8.6686	1
cg05181148	ARF3;ARF3	0.117922	0.923167	0.972909	-1.02785	0.633343	1.14662	1.14662	0.89665	0.963677	-1.03769	0.0199728	0.449554	-2.22443	0.228185	0.697608	-1.43347	0.0427808	0.514844	-1.94233	0.900739	1.03616	1.03616	0.243575	1.41534	1.41534	0.175824	1.50651	1.50651	2.38225	3.05814	1.14108	1
cg10799705	MPND;MPND	0.117923	0.277284	0.821686	-1.21701	0.115353	1.34655	1.34655	0.291211	0.826652	-1.2097	0.753308	0.946674	-1.05633	0.855488	1.0322	1.0322	0.0582988	0.689415	-1.45051	0.0235915	1.59979	1.59979	0.756969	0.947474	-1.05544	0.442256	1.14589	1.14589	2.38224	1.13988	0.425326	1
cg02213466	MCPH1	0.117925	0.786826	1.03606	1.03606	0.214101	1.18645	1.18645	0.31624	1.14503	1.14503	0.37191	0.887079	-1.1273	0.118434	1.24801	1.24801	0.570331	0.927773	-1.07785	0.0521292	1.33474	1.33474	0.0466628	0.742502	-1.3468	0.27313	0.861512	-1.16075	2.38222	0.644512	0.24049	1
cg26652302	C19orf24	0.117926	0.102875	0.711836	-1.40482	0.859241	1.03439	1.03439	0.270617	1.24419	1.24419	0.344335	0.830654	-1.20387	0.0804155	1.44686	1.44686	0.0635223	0.672057	-1.48797	0.0576335	0.664358	-1.50521	0.73513	1.06682	1.06682	0.608319	1.10347	1.10347	2.3822	1.36895	0.510807	1
cg08286551	SBNO2	0.117927	0.540061	0.825295	-1.21169	0.0277645	0.44701	-2.23709	0.104503	0.577362	-1.73202	0.793107	0.921858	-1.08477	0.012181	0.380216	-2.63008	0.785664	0.919085	-1.08804	0.229198	0.676663	-1.47784	0.158877	0.627432	-1.5938	0.0696107	0.53357	-1.87417	2.3822	3.61502	1.3489	1
cg13337662	ATP12A	0.117933	0.86886	1.04706	1.04706	0.0966057	1.66138	1.66138	0.900395	0.965752	-1.03546	0.636518	0.875922	-1.14165	0.932904	0.976838	-1.02371	0.0205648	2.17361	2.17361	0.0351927	1.9793	1.9793	0.259081	1.38774	1.38774	0.0537792	1.83937	1.83937	2.38214	2.92203	1.09035	1
cg16087328	ARHGEF3	0.11794	0.248179	0.70393	-1.4206	0.0851701	0.574932	-1.73934	0.06415	0.546098	-1.83117	0.1977	0.673028	-1.48582	0.0753165	0.562214	-1.77868	0.867429	1.04978	1.04978	0.116383	1.64245	1.64245	0.605893	1.16341	1.16341	0.100654	0.592768	-1.687	2.38208	3.19069	1.19063	1
cg19601328	MAP3K14	0.117943	0.112557	0.333996	-2.99405	0.350198	1.84124	1.84124	0.0505418	4.11492	4.11492	0.934828	1.05329	1.05329	0.0374283	0.215872	-4.63237	0.507009	0.652238	-1.53318	0.269409	0.481845	-2.07536	0.921762	1.06435	1.06435	0.133938	0.3584	-2.79018	2.38205	15.2037	5.67343	1
cg12414502	BTN2A1;BTN2A1	0.117944	0.215311	0.785772	-1.27263	0.841296	1.03746	1.03746	0.167623	0.76154	-1.31313	0.728047	1.06616	1.06616	0.921774	1.01818	1.01818	0.744078	1.06195	1.06195	0.00609646	1.9851	1.9851	0.546106	0.893833	-1.11878	0.614901	0.911057	-1.09763	2.52201	1.3152	0.405601	1
cg09932694	ATAD3A;ATAD3A;ATAD3A	0.117944	0.0654299	0.47815	-2.0914	0.55647	0.808783	-1.23643	0.262718	1.51686	1.51686	0.380815	0.725613	-1.37815	0.311497	1.45294	1.45294	0.0532155	0.456731	-2.18947	0.574283	0.816673	-1.22448	0.35104	0.710021	-1.40841	0.0219363	0.374989	-2.66675	2.38204	4.80276	1.79221	1
cg04986373	CBX8	0.117945	0.57067	0.854974	-1.16963	0.0634343	0.56515	-1.76944	0.404714	0.792075	-1.26251	0.70173	0.900134	-1.11095	0.0240377	0.479078	-2.08734	0.0272928	0.48962	-2.0424	0.220702	0.703268	-1.42193	0.212428	1.43202	1.43202	0.788263	0.929045	-1.07637	2.38204	2.82018	1.05239	1
cg05348272	TBCD;TBCD	0.117945	?	?	?	0.29841	1.97971	1.97971	0.494639	1.55181	1.55181	?	?	?	0.716109	0.793411	-1.26038	0.598528	1.40025	1.40025	0.0170212	6.31915	6.31915	0.0206736	5.84477	5.84477	0.659189	1.32475	1.32475	2.4344	12.0394	5.65201	1
cg24000035	MAD1L1;MAD1L1;MAD1L1	0.117945	0.996328	1.00142	1.00142	0.00418403	3.26117	3.26117	0.297454	0.71694	-1.39482	0.718112	0.894331	-1.11815	0.328349	1.36453	1.36453	0.650965	0.869087	-1.15063	0.373498	1.32504	1.32504	0.401158	1.30309	1.30309	0.59795	0.848786	-1.17815	2.38203	3.58056	1.33614	1
cg21701856	STYK1	0.117948	0.933469	0.989351	-1.01076	0.424801	1.11017	1.11017	0.306242	0.872992	-1.14549	0.796311	0.967376	-1.03372	0.142524	0.816993	-1.224	0.915813	0.986533	-1.01365	0.00329828	0.598529	-1.67076	0.798661	0.967756	-1.03332	0.952413	1.00768	1.00768	2.38201	0.620268	0.231464	1
cg12046375	TARS2	0.11795	0.556829	1.11456	1.11456	0.0580423	1.47848	1.47848	0.860171	0.968332	-1.0327	0.128285	0.74078	-1.34993	0.100557	1.38861	1.38861	0.525566	1.12457	1.12457	0.0305854	0.628948	-1.58996	0.759661	1.0576	1.0576	0.520411	1.12626	1.12626	2.38199	1.25662	0.468933	1
cg16975639	EFHD1;EFHD1	0.117955	0.208598	0.571158	-1.75083	0.947056	0.972331	-1.02846	0.00605585	0.219896	-4.54761	0.77211	1.13054	1.13054	0.526428	0.762462	-1.31154	0.637583	0.818332	-1.222	0.129197	0.500216	-1.99914	0.219136	1.72638	1.72638	0.638477	1.22134	1.22134	2.38194	6.73467	2.51323	1
cg23923856	WNT2B;WNT2B;WNT2B	0.117958	0.747968	0.680426	-1.46967	0.298976	3.61714	3.61714	0.279612	3.82837	3.82837	0.0944902	8.98212	8.98212	0.440996	0.391242	-2.55596	0.779272	1.39874	1.39874	0.776338	1.4052	1.4052	0.0101348	48.1197	48.1197	0.0417257	16.5032	16.5032	2.38192	53.81	20.0809	1
cg08709029	WDR37	0.117963	0.294216	0.82034	-1.21901	0.0713797	1.44275	1.44275	0.539585	1.11969	1.11969	0.232387	1.25604	1.25604	0.97346	1.00607	1.00607	0.0112422	1.78267	1.78267	0.968331	1.00725	1.00725	0.21832	0.790019	-1.26579	0.658994	0.922341	-1.0842	2.38187	1.24993	0.466462	1
cg26933453	FAM125A	0.117964	0.478261	0.90334	-1.107	0.0909298	0.769062	-1.30029	0.047571	1.37646	1.37646	0.14512	0.802015	-1.24686	0.70736	0.948213	-1.05462	0.201566	1.20945	1.20945	0.467969	0.901107	-1.10975	0.126503	1.26248	1.26248	0.258027	1.18107	1.18107	2.38186	0.750041	0.279909	1
cg02750471	C10orf58;C10orf58	0.117965	0.0464433	0.520523	-1.92114	0.661742	1.13431	1.13431	0.158921	1.53881	1.53881	0.518565	1.20604	1.20604	0.0270202	0.472614	-2.11589	0.255788	0.712062	-1.40437	0.589174	1.16891	1.16891	0.231063	1.43278	1.43278	0.723914	0.903459	-1.10686	2.38186	3.09119	1.15361	1
cg05939956	TIA1;TIA1	0.117966	0.890596	0.948064	-1.05478	0.412202	0.72259	-1.38391	0.619839	0.823827	-1.21385	0.372298	0.701199	-1.42613	0.00608804	0.24963	-4.00593	0.241699	0.621954	-1.60784	0.641546	0.833862	-1.19924	0.0822698	2.10851	2.10851	0.764884	0.890269	-1.12326	2.38184	5.66507	2.11417	1
cg06952671	ITGA4;ITGA4	0.117968	0.0427759	0.339831	-2.94264	0.898453	1.06087	1.06087	0.101293	2.2943	2.2943	0.745956	0.860317	-1.16236	0.874947	0.9297	-1.07562	0.0177905	0.263513	-3.79488	0.62932	0.79843	-1.25246	0.315665	1.61636	1.61636	0.699425	1.1967	1.1967	2.38183	8.08076	3.0157	1
cg26900146	PPL	0.117971	0.122948	0.545446	-1.83336	0.0294711	0.394582	-2.53433	0.744229	0.888038	-1.12608	0.0654484	0.47238	-2.11694	0.943462	1.02606	1.02606	0.0126595	0.324956	-3.07734	0.315898	0.686534	-1.45659	0.862154	0.938911	-1.06506	0.175086	0.592696	-1.68721	2.3818	4.96244	1.85199	1
cg00469240	CACNA1H;CACNA1H	0.117976	0.12135	0.393751	-2.53968	0.855206	0.903602	-1.10668	0.0946771	0.360848	-2.77125	0.563264	1.38303	1.38303	0.00671214	0.142145	-7.03507	0.769764	1.17688	1.17688	0.47132	0.665898	-1.50173	0.413274	1.59067	1.59067	0.967287	1.02302	1.02302	2.38176	11.6161	4.33522	1
cg22361390	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.117978	0.711527	1.16626	1.16626	0.972545	0.985851	-1.01435	0.600779	0.803629	-1.24436	0.291668	1.57308	1.57308	0.00789413	0.243908	-4.09991	0.0681236	0.429199	-2.32992	0.3188	0.652714	-1.53206	0.618861	1.23078	1.23078	0.220317	0.586497	-1.70504	2.38174	6.4671	2.41358	1
cg14021073	BRSK2	0.11798	0.679605	0.897992	-1.1136	0.04868	1.79204	1.79204	0.267896	1.3485	1.3485	0.279857	1.33783	1.33783	0.239459	0.726774	-1.37594	0.212133	0.711417	-1.40565	0.0195342	2.07752	2.07752	0.767847	1.07971	1.07971	0.787793	0.932488	-1.0724	2.38172	2.53185	0.944919	1
cg09066326	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA6;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGB3	0.11798	0.233448	3.84241	3.84241	0.0984881	7.04565	7.04565	0.381696	2.62935	2.62935	0.191552	4.43633	4.43633	0.0232004	18.6186	18.6186	0.336613	2.90817	2.90817	0.0455665	11.8276	11.8276	0.0211886	19.8004	19.8004	0.0920068	7.37868	7.37868	2.38172	43.7958	16.3452	1
cg24061580	PRKAG2;PRKAG2	0.11798	0.870304	0.98314	-1.01715	0.0191015	1.34333	1.34333	0.909857	0.988284	-1.01186	0.0325477	1.29738	1.29738	0.84474	0.979804	-1.02061	0.912112	1.01156	1.01156	0.0732578	0.812323	-1.23104	0.60861	1.05521	1.05521	0.518943	1.07041	1.07041	2.38172	0.40845	0.152439	1
cg06263495	ASCL2;ASCL2	0.117982	0.116841	3.09654	3.09654	0.578069	1.45174	1.45174	0.337907	1.92593	1.92593	0.735721	0.798717	-1.25201	0.165936	0.375249	-2.6649	0.332874	0.515458	-1.94002	0.544446	0.665655	-1.50228	0.0253095	5.83668	5.83668	0.0636991	3.98678	3.98678	2.3817	16.6023	6.19626	1
cg21823995	PSMC3IP;PSMC3IP	0.117985	0.850624	0.920002	-1.08695	0.534139	1.3211	1.3211	0.522785	1.33169	1.33169	0.00257113	0.157441	-6.35158	0.745548	0.865879	-1.1549	0.889028	1.06369	1.06369	0.546605	0.763516	-1.30973	0.539127	0.759577	-1.31652	0.939263	1.03428	1.03428	2.38167	7.3781	2.75365	1
cg21799605	TBCC;TBCC	0.117988	0.397181	1.11502	1.11502	0.0391072	1.34965	1.34965	0.423531	1.1081	1.1081	0.247679	1.1639	1.1639	0.988957	1.00174	1.00174	0.579822	1.07275	1.07275	0.0315503	0.728599	-1.3725	0.131264	0.814965	-1.22705	0.46693	1.09742	1.09742	2.38164	0.594859	0.222016	1
cg27307327	PRDM2;PRDM2;PRDM2;PRDM2	0.11799	0.200723	1.80332	1.80332	0.996433	1.00195	1.00195	0.659687	0.824203	-1.21329	0.083477	2.30687	2.30687	0.191743	1.82752	1.82752	0.541926	1.30914	1.30914	0.0186502	3.46994	3.46994	0.097223	2.21247	2.21247	0.0270536	3.13295	3.13295	2.38163	7.18019	2.67984	1
cg20118134	GANC;TMEM87A;TMEM87A;TMEM87A;TMEM87A	0.11799	0.966266	0.991118	-1.00896	0.300189	0.797321	-1.2542	0.0277295	1.73141	1.73141	0.302461	0.79823	-1.25277	0.301745	0.797944	-1.25322	0.24835	0.775239	-1.28992	0.138376	0.71421	-1.40015	0.223593	0.763564	-1.30965	0.0504953	0.624854	-1.60037	2.38163	1.67882	0.626583	1
cg13378284	IRF7;IRF7;IRF7	0.117991	0.133886	0.372374	-2.68547	0.256898	0.485259	-2.06076	0.381806	0.578044	-1.72997	0.225945	2.17493	2.17493	0.126395	0.364067	-2.74675	0.803287	0.858548	-1.16476	0.226569	0.460313	-2.17243	0.192287	0.430276	-2.32409	0.0304724	4.73015	4.73015	2.38162	14.0844	5.25671	1
cg24928150	LIN9	0.117996	0.026402	0.55485	-1.80229	0.234798	1.32133	1.32133	0.375498	0.815864	-1.22569	0.0977307	0.66597	-1.50157	0.111512	0.67852	-1.4738	0.368416	0.813258	-1.22962	0.130542	0.693955	-1.44102	0.994586	0.998483	-1.00152	0.0435588	0.594966	-1.68077	2.38157	1.88832	0.704792	1
cg01672886	SRPRB	0.117999	0.0118033	1.61112	1.61112	0.772073	0.956903	-1.04504	0.404694	0.878695	-1.13805	0.580535	1.08835	1.08835	0.0362841	0.691274	-1.44661	0.316485	1.17008	1.17008	0.81643	0.965345	-1.0359	0.952025	1.00917	1.00917	0.687169	1.06333	1.06333	2.38154	0.867728	0.323871	1
cg16401290	MSH3;DHFR	0.118	?	?	?	0.513808	1.39108	1.39108	0.0319894	3.60293	3.60293	0.130264	0.43924	-2.27666	0.198704	0.505907	-1.97665	?	?	?	0.341992	0.61307	-1.63114	0.596099	1.30534	1.30534	?	?	?	2.60598	6.66545	2.98404	1
cg03704215	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.118001	0.825142	0.91802	-1.0893	0.591519	1.23295	1.23295	0.793905	0.903747	-1.1065	0.0621019	0.444001	-2.25225	0.0122491	0.299324	-3.34086	0.971548	1.01388	1.01388	0.338493	1.46433	1.46433	0.295277	1.5213	1.5213	0.13327	0.534693	-1.87023	2.38153	5.63614	2.10365	1
cg14120636	PRSS3	0.118006	0.134328	0.53278	-1.87695	0.415136	1.38382	1.38382	0.411127	1.38787	1.38787	0.300103	1.52011	1.52011	0.144467	0.542617	-1.84292	0.0445431	0.406712	-2.45874	0.0490859	0.41639	-2.40159	0.391809	0.710234	-1.40799	0.396553	1.40295	1.40295	2.38148	5.73668	2.14121	1
cg07975680	CDH23;CDH23	0.118007	0.230054	0.718816	-1.39118	0.180105	0.688519	-1.45239	0.0863441	0.608507	-1.64337	0.0153651	0.458436	-2.18133	0.404978	0.799804	-1.25031	0.0709434	0.589225	-1.69714	0.232655	0.720264	-1.38838	0.0502954	0.557093	-1.79503	0.0443575	0.545816	-1.83212	2.38148	2.59256	0.967675	1
cg07679836	BAK1	0.118007	0.606205	0.852793	-1.17262	0.00545244	0.326451	-3.06325	0.154541	0.627097	-1.59465	0.203851	1.50784	1.50784	0.997186	0.998921	-1.00108	0.202999	0.662632	-1.50913	0.908665	0.965466	-1.03577	0.617888	0.857264	-1.1665	0.650992	1.14965	1.14965	2.38147	3.53702	1.3202	1
cg24578124	MADCAM1;MADCAM1	0.118009	0.453995	0.849747	-1.17682	0.587676	1.12396	1.12396	0.0430796	1.64354	1.64354	0.836549	0.95686	-1.04508	0.656848	0.908966	-1.10015	0.985476	1.00389	1.00389	0.292099	0.791889	-1.2628	0.00868694	2.04199	2.04199	0.725941	1.07802	1.07802	2.38146	1.71865	0.641492	1
cg04025244	LOC441208	0.11801	0.524744	1.12991	1.12991	0.0612734	0.6706	-1.4912	0.729049	0.936232	-1.06811	0.932606	0.984101	-1.01616	0.0302144	1.62074	1.62074	0.0754186	1.45508	1.45508	0.592814	0.902773	-1.1077	0.345952	1.20192	1.20192	0.220378	0.783367	-1.27654	2.38145	1.35425	0.50548	1
cg03076037	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.118011	0.200228	0.652243	-1.53317	0.250829	0.68458	-1.46075	0.0355367	0.461675	-2.16603	0.133612	0.599905	-1.66693	0.558209	1.20564	1.20564	0.224983	0.668644	-1.49556	0.019493	0.409933	-2.43942	0.967312	1.01303	1.01303	0.351425	1.35375	1.35375	2.38144	3.76207	1.40422	1
cg12448724	SH3BGRL2	0.118011	0.203627	1.25725	1.25725	0.0055348	1.86259	1.86259	0.26681	1.21821	1.21821	0.320798	1.19126	1.19126	0.449368	1.14056	1.14056	0.959064	0.991281	-1.0088	0.036918	1.51207	1.51207	0.494421	1.12567	1.12567	0.778809	0.953095	-1.04921	2.38143	1.09788	0.409793	1
cg27440150	CABIN1	0.118013	0.561454	0.785071	-1.27377	0.07382	2.27339	2.27339	0.0696632	2.30751	2.30751	0.465274	1.35835	1.35835	0.160018	0.538652	-1.85648	0.38144	1.44769	1.44769	0.706922	1.16844	1.16844	0.0352884	0.364078	-2.74666	0.739711	1.1473	1.1473	2.38142	6.40633	2.39123	1
cg00602326	RNASEN;RNASEN	0.118014	0.578971	0.791568	-1.26332	0.284881	0.629248	-1.5892	0.228329	0.590215	-1.6943	0.583492	1.25974	1.25974	0.0085409	0.246761	-4.0525	0.50704	0.755255	-1.32406	0.124773	0.500079	-1.99968	0.136436	1.95245	1.95245	0.508995	0.756258	-1.3223	2.38141	6.55879	2.44814	1
cg07053162	PPL	0.118017	0.05004	0.195224	-5.12232	0.448867	0.568814	-1.75804	0.134957	0.307863	-3.2482	0.200015	0.371685	-2.69045	0.0154855	0.114046	-8.76836	0.125693	0.297767	-3.35833	0.0690068	0.225927	-4.42621	0.046827	0.189431	-5.27896	0.177511	0.35075	-2.85103	2.38139	20.1573	7.52402	1
cg26132163	WDR93;PEX11A	0.118018	0.740403	0.906189	-1.10352	0.986024	0.994824	-1.0052	0.519019	1.21371	1.21371	0.018157	0.427473	-2.33933	0.0627342	0.537721	-1.8597	0.116426	0.60325	-1.65769	0.0301244	0.469755	-2.12877	0.895505	0.961816	-1.0397	0.937952	1.02333	1.02333	2.38138	3.31049	1.2357	1
cg21109038	ZNF710	0.118018	0.565933	1.24104	1.24104	0.109842	1.91294	1.91294	0.0262118	2.66829	2.66829	0.20427	1.64636	1.64636	0.996229	1.00176	1.00176	0.896721	1.04952	1.04952	0.0453535	0.425574	-2.34977	0.318857	0.681548	-1.46725	0.513908	1.27935	1.27935	2.38137	5.22345	1.94975	1
cg02607802	LMO7	0.118019	0.322326	0.779568	-1.28276	0.244754	0.743508	-1.34498	0.0310592	0.539826	-1.85245	0.109979	0.654201	-1.52858	0.60635	0.881083	-1.13497	0.44055	1.21116	1.21116	0.0106292	0.457288	-2.1868	0.229434	0.735527	-1.35957	0.776689	0.933081	-1.07172	2.38137	2.23753	0.835199	1
cg09533708	KCNIP3	0.11802	0.312358	0.555356	-1.80065	0.0930357	0.353485	-2.82897	0.407592	1.6108	1.6108	0.501626	1.46786	1.46786	0.0971518	0.358949	-2.78591	0.191156	0.458911	-2.17907	0.024969	0.222841	-4.48751	0.0421872	0.267879	-3.73303	0.602431	0.74396	-1.34416	2.38136	11.9452	4.45877	1
cg07124995	POL3S	0.11802	0.0660556	0.302153	-3.30958	0.381391	1.68387	1.68387	0.590449	1.37074	1.37074	0.173286	0.431275	-2.3187	0.0131856	0.168035	-5.95115	0.10464	0.357192	-2.79961	0.318253	0.549501	-1.81983	0.730681	1.22208	1.22208	0.329415	0.557547	-1.79357	2.38136	12.7058	4.7427	1
cg23918490	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.11802	0.284823	0.503902	-1.98451	0.00557446	0.105825	-9.44953	0.122503	0.356143	-2.80786	0.809849	0.861816	-1.16034	0.116169	0.348785	-2.8671	0.15655	0.392624	-2.54696	0.212134	0.444506	-2.24969	0.129728	0.364291	-2.74506	0.845593	1.12781	1.12781	2.38135	14.3537	5.35781	1
cg01055025	CHD5	0.118021	0.827068	0.938794	-1.0652	0.855188	0.948629	-1.05415	0.263052	1.4005	1.4005	0.195847	1.48419	1.48419	0.791586	0.926397	-1.07945	0.39436	1.28639	1.28639	0.00537565	0.347124	-2.88081	0.528284	0.831571	-1.20254	0.655374	1.13846	1.13846	2.38135	3.1429	1.17315	1
cg00256374	NDUFS7	0.118022	0.417523	0.880044	-1.13631	0.0592984	1.38872	1.38872	0.554015	1.09672	1.09672	0.0315377	1.47538	1.47538	0.612065	1.08207	1.08207	0.256324	1.20051	1.20051	0.0280453	1.49215	1.49215	0.607966	1.08307	1.08307	0.0547243	1.39944	1.39944	2.38134	0.897168	0.334888	1
cg00075844	RAD54L2	0.118022	0.0980926	0.708498	-1.41144	0.0343404	0.625737	-1.59811	0.0286352	0.612413	-1.63289	0.724831	0.935081	-1.06943	0.0273159	0.608991	-1.64206	0.31289	0.820166	-1.21926	0.139496	0.739332	-1.35257	0.305012	0.817315	-1.22352	0.0864504	0.697889	-1.43289	2.38134	1.36036	0.507786	1
cg25743043	C1orf203;C1orf203;C1orf203;C1orf203;C1orf203	0.118022	0.223154	1.55094	1.55094	0.0842391	1.925	1.925	0.88165	1.05241	1.05241	0.701131	1.14136	1.14136	?	?	?	0.614606	0.840237	-1.19014	?	?	?	0.0240334	0.397382	-2.51647	0.245989	0.659677	-1.51589	2.43367	3.52411	1.65494	1
cg06578111	HDAC11;HDAC11	0.118025	0.102602	0.642532	-1.55634	0.165938	0.693581	-1.44179	0.40095	0.808226	-1.23728	0.785513	0.934675	-1.06989	0.793634	0.937137	-1.06708	0.133731	0.669955	-1.49264	0.0177104	2.0428	2.0428	0.164657	0.69271	-1.44361	0.934077	1.0207	1.0207	2.38132	2.31312	0.863432	1
cg02168291	CDH13	0.118026	0.0489546	0.419105	-2.38603	0.130509	0.531699	-1.88076	0.0499997	0.421237	-2.37396	0.608138	1.22146	1.22146	0.0512916	0.423826	-2.35946	0.963289	0.982354	-1.01796	0.174133	0.571642	-1.74935	0.200385	1.6874	1.6874	0.559267	0.795795	-1.2566	2.3813	5.64309	2.10644	1
cg17958283	CDCA7L;CDCA7L;CDCA7L	0.118027	0.755413	0.927432	-1.07825	0.077154	0.622647	-1.60605	0.0114866	0.46658	-2.14326	0.100458	1.54316	1.54316	0.785706	1.06791	1.06791	0.468911	1.19441	1.19441	0.596985	1.13729	1.13729	0.711314	0.914277	-1.09376	0.520034	0.854521	-1.17025	2.3813	2.19212	0.818274	1
cg08110861	APOM	0.118034	0.469203	1.15171	1.15171	0.903926	1.02343	1.02343	0.0287689	0.609761	-1.63999	0.870963	1.03167	1.03167	0.457789	1.15608	1.15608	0.610717	1.10349	1.10349	0.0178389	0.575572	-1.7374	0.446489	0.861704	-1.16049	0.1152	0.719984	-1.38892	2.38123	1.38762	0.517983	1
cg01912193	FBXO42	0.118034	0.0450105	0.246925	-4.04982	0.0734021	0.297069	-3.36622	0.09997	0.334208	-2.99215	0.536415	0.683413	-1.46324	0.0141207	0.158554	-6.30701	0.286438	0.510139	-1.96025	0.0732778	0.296878	-3.36838	0.697606	0.788666	-1.26796	0.100213	0.334519	-2.98937	2.38123	13.9426	5.20463	1
cg18685724	BAT2	0.118034	0.515737	0.860075	-1.16269	0.596806	0.885051	-1.12988	0.2533	0.761174	-1.31376	0.942636	1.0166	1.0166	0.00559287	0.435086	-2.2984	0.899992	1.02917	1.02917	0.0472588	0.594979	-1.68073	0.561429	1.14374	1.14374	0.755603	1.07403	1.07403	2.38123	1.97304	0.736515	1
cg10262387	HLA-H	0.118039	0.252159	2.96972	2.96972	0.843388	1.1972	1.1972	0.0346221	9.40805	9.40805	0.179708	3.65693	3.65693	0.0373779	9.00879	9.00879	0.395831	0.453285	-2.20612	0.118484	4.67465	4.67465	0.392681	0.450778	-2.21839	0.0980655	5.2133	5.2133	2.38119	31.2249	11.6562	1
cg07798137	ATP13A2;ATP13A2;ATP13A2	0.118039	0.404164	0.555048	-1.80165	0.68465	0.754578	-1.32524	0.183875	0.378213	-2.64401	0.150975	0.345964	-2.89048	0.10863	0.29912	-3.34314	0.0625872	0.23569	-4.24286	0.00695265	0.0899608	-11.1159	0.583879	0.682851	-1.46445	0.074899	0.254598	-3.92777	2.38119	17.9377	6.69607	1
cg04100190	COL9A2	0.118039	0.913653	1.05748	1.05748	0.0453546	3.26378	3.26378	0.858311	0.912032	-1.09645	0.0500506	3.1625	3.1625	0.920759	0.95002	-1.05261	0.695074	0.816287	-1.22506	0.0232654	4.04492	4.04492	0.0748949	2.77921	2.77921	0.182929	2.07137	2.07137	2.38118	10.0133	3.73793	1
cg08531687	GPR98;GPR98	0.11804	0.666911	1.13978	1.13978	0.832632	1.06603	1.06603	0.532288	0.826015	-1.21063	0.416573	1.28516	1.28516	0.52654	0.82374	-1.21398	0.240554	1.44959	1.44959	0.00733245	2.84197	2.84197	0.0381189	2.0674	2.0674	0.346536	1.34032	1.34032	2.38118	3.44342	1.28542	1
cg21171858	C5orf56	0.11804	0.522154	0.858273	-1.16513	0.511254	1.16996	1.16996	0.101386	0.655352	-1.5259	0.0365327	0.564107	-1.77271	0.761034	0.930657	-1.07451	0.539979	1.1574	1.1574	0.212394	1.36267	1.36267	0.482444	1.18316	1.18316	0.0301448	0.548413	-1.82344	2.38118	2.09331	0.781427	1
cg20449692	CLDN11	0.118042	0.107624	7.08395	7.08395	0.264611	3.65622	3.65622	0.0530887	11.5956	11.5956	0.267028	3.63041	3.63041	0.445205	0.419896	-2.38154	0.121673	6.49381	6.49381	0.0348262	15.5289	15.5289	0.0490138	12.2547	12.2547	0.0898237	8.04432	8.04432	2.38115	46.8856	17.5025	1
cg11431402	CRB2	0.118043	0.0996654	2.32686	2.32686	0.0277763	3.37798	3.37798	0.828261	1.10703	1.10703	0.657089	1.23258	1.23258	0.0426753	2.98049	2.98049	0.0325767	3.22424	3.22424	0.0614951	2.68018	2.68018	0.15173	2.05193	2.05193	0.689955	1.20643	1.20643	2.38115	8.26052	3.08367	1
cg17009433	GLDC;GLDC	0.118045	0.879107	0.977696	-1.02281	0.476209	1.11333	1.11333	0.0205113	0.66121	-1.51238	0.187167	1.23021	1.23021	0.809411	1.03646	1.03646	0.782958	1.04177	1.04177	0.896677	1.01944	1.01944	0.154763	0.79796	-1.2532	0.0437201	1.40999	1.40999	2.38113	0.828264	0.309195	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20715218	C10orf4	0.118045	0.492656	0.65322	-1.53088	?	?	?	0.00622776	8.83963	8.83963	0.192768	0.430668	-2.32198	0.867247	0.902811	-1.10765	0.353418	0.557928	-1.79235	0.673047	0.771529	-1.29613	0.916399	0.937846	-1.06627	0.857647	1.11598	1.11598	2.40456	12.6433	5.25805	1
cg06459000	LAYN	0.118046	0.902154	1.02253	1.02253	0.107987	0.727828	-1.37395	0.120517	1.35669	1.35669	0.338321	0.836276	-1.19578	0.211634	1.26918	1.26918	0.198666	1.27897	1.27897	0.872448	0.971314	-1.02953	0.0155701	1.71148	1.71148	0.933412	1.01525	1.01525	2.38112	1.23751	0.46197	1
cg18336453	PTK7;PTK7;PTK7;PTK7	0.118046	0.040345	0.249157	-4.01353	0.230344	0.477876	-2.09259	0.299886	0.532383	-1.87835	0.0659063	0.297971	-3.35603	0.0151334	0.173553	-5.76191	0.216449	0.466169	-2.14515	0.0573639	0.283253	-3.53042	0.33547	0.558334	-1.79104	0.0801584	0.320111	-3.12392	2.38112	12.9844	4.84718	1
cg24297365	LOC730668	0.118046	0.138363	0.674661	-1.48223	0.0176813	2.03752	2.03752	0.0325439	1.85366	1.85366	0.612202	0.881528	-1.13439	0.375175	0.798905	-1.25171	0.920327	0.975624	-1.02499	0.656957	1.11656	1.11656	0.734109	1.08773	1.08773	0.593179	1.14227	1.14227	2.38112	2.29455	0.85657	1
cg08758996	LOC651250	0.118047	0.996372	1.00053	1.00053	0.33478	1.1227	1.1227	0.81217	1.02808	1.02808	0.10528	1.22866	1.22866	0.112648	1.22254	1.22254	0.0611988	1.27819	1.27819	0.0306631	0.744209	-1.34371	0.406161	0.905854	-1.10393	0.683386	1.04887	1.04887	2.38112	0.510529	0.190584	1
cg21290280	IPO13	0.118047	0.545177	0.907316	-1.10215	0.71882	0.944187	-1.05911	0.0144789	0.619662	-1.61378	0.407232	0.874006	-1.14416	0.10368	0.753768	-1.32667	0.370288	1.15736	1.15736	0.0845608	1.35398	1.35398	0.303032	0.844114	-1.18467	0.70927	1.0613	1.0613	2.38111	0.951549	0.355221	1
cg00554973	BCL2L11;BCL2L11	0.118054	0.22211	1.49378	1.49378	0.00721843	2.95743	2.95743	0.350417	0.74038	-1.35066	0.440492	1.27893	1.27893	0.169832	0.63299	-1.5798	0.713501	0.891072	-1.12224	0.627291	1.16536	1.16536	0.335677	1.36409	1.36409	0.357264	1.34461	1.34461	2.38105	3.68852	1.37699	1
cg04752565	SMAGP;SMAGP	0.118054	0.763423	0.809273	-1.23568	0.988287	0.989762	-1.01034	0.202195	0.389079	-2.57017	0.182767	0.371155	-2.69429	0.808049	0.843133	-1.18605	0.00332277	0.0606524	-16.4874	0.162593	0.351669	-2.84359	0.398505	0.545537	-1.83306	0.767273	1.23128	1.23128	2.38105	18.533	6.9187	1
cg02057561	PTK7;PTK7;PTK7;PTK7	0.118055	0.54034	0.762472	-1.31152	0.00980621	4.17193	4.17193	0.0360654	2.90552	2.90552	0.23223	1.72997	1.72997	0.420271	0.697513	-1.43366	0.633251	1.23406	1.23406	0.580971	1.27622	1.27622	0.175596	1.87778	1.87778	0.75245	1.14847	1.14847	2.38104	7.21761	2.69448	1
cg03347416	MECOM;MECOM;MECOM;MECOM;MECOM;MECOM;MECOM	0.118056	0.961988	1.0188	1.0188	0.529323	0.779508	-1.28286	0.719203	0.868386	-1.15156	0.0332135	0.37794	-2.64592	0.093503	0.486247	-2.05657	0.0353661	0.383762	-2.60578	0.10437	0.499608	-2.00157	0.194334	1.71034	1.71034	0.647012	1.19748	1.19748	2.38103	5.76154	2.1509	1
cg07307830	FSIP1	0.118057	0.670088	1.07459	1.07459	0.376723	1.16447	1.16447	0.0366374	0.665236	-1.50323	0.866821	1.02857	1.02857	0.138287	1.30719	1.30719	0.847117	0.968118	-1.03293	0.749334	1.05529	1.05529	0.63808	0.923548	-1.08278	0.0161721	0.610252	-1.63867	2.38102	1.0626	0.396692	1
cg10121294	CATSPER4	0.118058	0.525658	0.614264	-1.62797	0.575025	0.650989	-1.53612	0.073255	0.220096	-4.54347	0.446098	0.555138	-1.80135	0.0198376	0.118686	-8.4256	0.0916837	0.244821	-4.08461	0.0198995	0.118863	-8.41304	0.365521	0.494333	-2.02293	0.0650132	0.208035	-4.80689	2.38101	21.6544	8.08412	1
cg05686323	SLC44A4	0.118059	0.0657494	0.285478	-3.5029	0.41802	1.65272	1.65272	0.899464	1.07976	1.07976	0.540396	0.686414	-1.45685	0.0226237	0.190681	-5.24436	0.178433	0.419809	-2.38203	0.0247337	0.197279	-5.06897	0.473966	0.642681	-1.55598	0.188978	0.429615	-2.32767	2.38101	13.8987	5.18872	1
cg24215459	TNIP3	0.118061	0.148746	0.483888	-2.06659	0.281675	0.591899	-1.68948	0.0394277	0.327333	-3.05499	0.923422	0.955935	-1.0461	0.0322297	0.308639	-3.24003	0.372081	1.53655	1.53655	0.0306961	0.304272	-3.28654	0.225518	0.550679	-1.81594	0.807132	0.891684	-1.12147	2.38099	8.28475	3.09293	1
cg24608504	SPTBN1	0.118062	0.159424	0.405079	-2.46865	0.435594	0.619981	-1.61295	0.33467	0.549921	-1.81844	0.446044	1.59494	1.59494	0.801146	0.859266	-1.16378	0.0694851	3.38829	3.38829	0.658249	1.30675	1.30675	0.0123215	6.5085	6.5085	0.898893	1.07939	1.07939	2.38097	13.621	5.08512	1
cg22274662	ZNF746;ZNF746	0.118062	0.78346	1.03655	1.03655	0.957955	1.00689	1.00689	0.105509	1.2592	1.2592	0.110682	1.25423	1.25423	0.131815	0.808971	-1.23614	0.613003	0.93569	-1.06873	0.0333914	0.723257	-1.38263	0.421952	1.11283	1.11283	0.159295	1.21656	1.21656	2.38097	0.640489	0.239114	1
ch.9.1152820R	AGTPBP1	0.118065	0.494664	0.884021	-1.1312	0.119085	0.740294	-1.35081	0.797678	0.955361	-1.04673	0.460132	1.14303	1.14303	0.173515	1.29359	1.29359	0.0305407	0.63647	-1.57117	0.0292861	0.633513	-1.5785	0.814829	0.959153	-1.04259	0.527856	1.12041	1.12041	2.38095	1.19164	0.444879	1
cg20151494	PRKCZ;PRKCZ;PRKCZ	0.118066	0.849912	1.05147	1.05147	0.0915596	0.611255	-1.63598	0.988663	1.00377	1.00377	0.451234	1.22553	1.22553	0.685974	1.11371	1.11371	0.27839	0.741838	-1.348	0.138938	0.655732	-1.52501	0.0959967	0.616096	-1.62312	0.0255534	2.01969	2.01969	2.38094	2.64706	0.988241	1
cg25033144	KIR3DX1	0.118066	0.0386111	0.127893	-7.81905	0.321871	0.415388	-2.40739	0.0613098	0.163657	-6.11035	0.134003	0.24974	-4.00416	0.0230835	0.0970588	-10.303	0.137357	0.253173	-3.94986	0.0467141	0.141569	-7.06369	0.762901	0.771256	-1.29659	0.125981	0.241396	-4.14257	2.38094	27.7903	10.3751	1
cg13492245	FPGS;FPGS	0.118067	0.0819646	0.192762	-5.18775	0.4204	0.495023	-2.02011	0.617739	0.650656	-1.53691	0.2865	0.38851	-2.57394	0.0102989	0.0631929	-15.8246	0.645543	0.673265	-1.4853	0.0755044	0.184493	-5.42025	0.0550564	0.155973	-6.41138	0.0661123	0.171893	-5.81758	2.38093	27.5139	10.272	1
cg08858751	ZNF599	0.118075	0.856794	0.952645	-1.04971	0.837577	1.05667	1.05667	0.00535466	2.67803	2.67803	0.5996	1.15288	1.15288	0.770789	1.08162	1.08162	0.330256	1.30973	1.30973	0.991562	0.997164	-1.00284	0.0940443	0.609913	-1.63958	0.322344	1.31595	1.31595	2.38086	2.71973	1.01541	1
cg19593767	TOX2;TOX2;TOX2	0.118076	0.834473	1.18561	1.18561	0.515631	0.584877	-1.70976	0.0606947	5.58793	5.58793	0.194671	3.05338	3.05338	0.144253	3.58321	3.58321	0.660837	1.43225	1.43225	0.0156578	11.1418	11.1418	0.951272	1.05098	1.05098	0.0354722	7.33112	7.33112	2.38085	24.9639	9.32025	1
cg22989942	GNAS;GNAS;GNAS;GNASAS	0.118078	0.955774	1.00679	1.00679	0.495968	1.088	1.088	0.589496	0.935702	-1.06872	0.637895	0.943805	-1.05954	0.719493	0.956955	-1.04498	0.663157	0.947936	-1.05492	0.00264009	1.6614	1.6614	0.946264	0.99181	-1.00826	0.941396	1.00901	1.00901	2.38084	0.561255	0.209545	1
cg05996238	PAGE2	0.118078	0.594136	1.30486	1.30486	0.178687	0.493179	-2.02766	0.112435	0.425275	-2.35142	0.240386	0.544355	-1.83704	0.0531055	0.337122	-2.96628	0.0565421	2.90967	2.90967	0.230029	1.86465	1.86465	0.727087	0.84084	-1.18929	0.341489	0.615729	-1.62409	2.38083	9.23026	3.44614	1
cg26743024	CACNG4	0.118081	0.17642	0.57562	-1.73726	0.198021	1.68682	1.68682	0.126043	0.529328	-1.88919	0.237431	1.60905	1.60905	0.0312579	0.37863	-2.6411	0.743597	1.13444	1.13444	0.823997	1.08938	1.08938	0.111242	1.94787	1.94787	0.545159	1.26532	1.26532	2.3808	5.56888	2.07918	1
cg13054378	SMURF1;SMURF1	0.118082	0.0777094	2.76289	2.76289	0.398947	1.56457	1.56457	0.974809	0.983766	-1.0165	0.0567222	3.05843	3.05843	0.972906	1.01776	1.01776	0.150037	2.22517	2.22517	0.0157623	4.63444	4.63444	0.140577	2.2743	2.2743	0.0482891	3.22107	3.22107	2.3808	10.1306	3.78235	1
cg26793846	CYP2D7P1	0.118083	0.136345	0.48061	-2.08069	0.871046	0.928516	-1.07699	0.952204	1.02774	1.02774	0.281533	1.66687	1.66687	0.181235	0.523092	-1.91171	0.0509119	0.362307	-2.76009	0.0285663	0.307461	-3.25244	0.495647	1.37142	1.37142	0.0806058	0.412852	-2.42217	2.38079	7.85894	2.93421	1
cg09515953	PPP1R14A	0.118084	0.622572	0.496361	-2.01466	0.195516	0.144737	-6.90908	0.178668	7.51786	7.51786	0.211132	6.42428	6.42428	0.390737	3.46127	3.46127	0.251815	5.4207	5.4207	0.0267771	40.6301	40.6301	0.0250555	43.0905	43.0905	0.525862	2.47814	2.47814	2.38078	75.1621	28.0625	1
cg06632790	IGF2BP3	0.118086	0.752367	0.909192	-1.09988	0.0306295	0.465861	-2.14656	0.049181	0.509007	-1.96461	0.288771	0.718062	-1.39264	0.0693704	1.84224	1.84224	0.705971	0.892265	-1.12074	0.30306	1.37829	1.37829	0.545608	1.20196	1.20196	0.959749	0.984936	-1.01529	2.38076	3.41066	1.27341	1
cg16484811	MARCH9;MARCH9	0.118088	0.0219923	1.70718	1.70718	0.279685	0.803502	-1.24455	0.400439	1.18241	1.18241	0.161867	1.33746	1.33746	0.252158	1.26221	1.26221	0.286727	0.806256	-1.2403	0.157724	0.745229	-1.34187	0.411698	0.849251	-1.17751	0.306791	1.22871	1.22871	2.38074	1.42888	0.533498	1
cg15923350	RGS4;RGS4;RGS4;RGS4	0.118088	0.308238	0.686847	-1.45593	0.216867	1.58854	1.58854	0.388635	1.36985	1.36985	0.663531	1.16872	1.16872	0.461835	0.765821	-1.30579	0.873932	0.945013	-1.05819	0.026837	0.39295	-2.54485	0.0241848	0.383924	-2.60468	0.480002	1.29141	1.29141	2.38074	4.78359	1.78603	1
cg04291025	RPLP1;RPLP1	0.118089	0.025144	0.385822	-2.59187	0.425701	0.747608	-1.3376	0.341431	0.704301	-1.41985	0.287761	0.673894	-1.48391	0.0339794	0.412675	-2.42322	0.493611	0.779888	-1.28224	0.0217051	0.373276	-2.67898	0.0760284	0.493609	-2.02589	0.121929	0.549073	-1.82125	2.38073	4.8216	1.80023	1
cg03524755	FAM73A	0.118089	0.331565	1.30322	1.30322	0.111474	0.632352	-1.5814	0.905818	0.969194	-1.03179	0.879427	0.960664	-1.04095	0.0885032	1.64346	1.64346	0.0954536	1.62294	1.62294	0.504916	0.836215	-1.19586	0.287505	0.746804	-1.33904	0.0401711	0.53429	-1.87164	2.38073	2.63526	0.983922	1
cg05013661	IFITM3;IFITM3	0.11809	0.123795	0.268731	-3.7212	0.265394	2.49675	2.49675	0.852983	1.15748	1.15748	0.413728	1.93233	1.93233	0.152974	0.299224	-3.34197	0.387446	2.01047	2.01047	0.797821	1.2243	1.2243	0.049417	5.85768	5.85768	0.0492529	0.170438	-5.86722	2.38073	23.4338	8.74943	1
cg20256097	DDRGK1	0.11809	0.420963	1.22085	1.22085	0.125855	1.49482	1.49482	0.31567	1.28635	1.28635	0.116882	1.51204	1.51204	0.285012	0.763733	-1.30936	0.161606	0.695731	-1.43734	0.0295207	0.536848	-1.86273	0.789054	1.06725	1.06725	0.418383	1.22226	1.22226	2.38072	2.22124	0.829343	1
cg08184722	RPL32P3	0.118091	0.034097	0.610312	-1.63851	0.947176	0.986857	-1.01332	0.674981	1.08785	1.08785	0.0220388	0.577918	-1.73035	0.319055	1.22828	1.22828	0.628852	1.10214	1.10214	0.0642872	0.660277	-1.51452	0.463517	0.86158	-1.16066	0.812187	1.04868	1.04868	2.38072	1.50328	0.561278	1
cg27650699	ATP8A2	0.118091	0.267388	1.48847	1.48847	0.0574103	2.09566	2.09566	0.538804	0.807169	-1.2389	0.549507	0.811828	-1.23179	0.918919	1.03567	1.03567	0.353922	1.38864	1.38864	0.00634999	3.39751	3.39751	0.862614	0.942117	-1.06144	0.835781	0.931038	-1.07407	2.38071	4.4683	1.66833	1
cg07769015	SLC45A4	0.118092	0.570273	0.786472	-1.2715	0.066818	0.423007	-2.36403	0.485329	0.743141	-1.34564	0.459546	0.72957	-1.37067	0.0426809	0.37645	-2.6564	0.653094	1.20857	1.20857	0.80539	0.901805	-1.10889	0.0248487	3.0594	3.0594	0.665163	1.2	1.2	2.3807	6.61007	2.46802	1
cg06902099	ANKS1A	0.118095	0.137486	0.419411	-2.3843	0.811112	0.878044	-1.1389	0.161148	0.443539	-2.25459	0.317814	0.570688	-1.75227	0.00949413	0.167784	-5.96006	0.511478	1.43581	1.43581	0.947124	1.03669	1.03669	0.844648	1.11246	1.11246	0.0422435	0.280553	-3.56439	2.38067	11.1261	4.15424	1
cg04890036	VEZF1	0.1181	0.152316	0.386862	-2.5849	0.195441	0.428234	-2.33517	0.107382	0.336741	-2.96964	0.691977	1.27971	1.27971	0.0187772	0.171437	-5.83304	0.027891	0.200017	-4.99958	0.0703149	0.285634	-3.50099	0.650435	0.753851	-1.32652	0.2513	0.475984	-2.10091	2.38063	14.4643	5.40074	1
cg01924320	SLC10A7;SLC10A7	0.118103	0.0507948	0.358376	-2.79037	0.0213983	0.279451	-3.57844	0.055797	0.368147	-2.71631	0.481349	0.718888	-1.39104	0.248329	0.573207	-1.74457	0.985943	1.00816	1.00816	0.628648	1.25199	1.25199	0.959419	0.976809	-1.02374	0.0459912	0.348326	-2.87088	2.3806	8.01781	2.99376	1
cg25651615	FBXO22;FBXO22	0.118104	0.467941	1.91912	1.91912	0.344616	0.42281	-2.36513	0.567	0.600354	-1.66568	0.164331	3.74097	3.74097	0.00987937	0.0507756	-19.6945	0.657232	0.674673	-1.4822	0.161157	3.78443	3.78443	0.806855	1.24072	1.24072	0.329957	0.410954	-2.43336	2.52038	30.2827	9.3451	1
cg12760299	PXDN	0.11811	0.01703	0.18093	-5.527	0.420488	0.61653	-1.62198	0.0713899	0.306264	-3.26516	0.171268	0.424849	-2.35378	0.109372	0.35849	-2.78948	0.171733	0.425295	-2.35131	0.0323536	0.229358	-4.36	0.456797	0.640604	-1.56103	0.0553776	0.279105	-3.58289	2.38055	13.0202	4.86169	1
cg26034769	NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.11811	0.684951	1.21896	1.21896	0.010222	4.8149	4.8149	0.127786	2.2239	2.2239	0.714907	1.19492	1.19492	0.895435	1.06591	1.06591	0.400475	0.658513	-1.51857	0.184322	0.50481	-1.98094	0.111199	2.32167	2.32167	0.68135	0.818387	-1.22192	2.38054	8.88401	3.31727	1
cg01643580	KCNK3	0.11811	0.106042	0.519178	-1.92612	0.0380683	2.44208	2.44208	0.0697519	2.12358	2.12358	0.752769	0.889282	-1.1245	0.421723	0.737294	-1.35631	0.184055	1.68754	1.68754	0.786156	0.903949	-1.10626	0.191135	0.598118	-1.67191	0.451467	1.3296	1.3296	2.38054	5.19884	1.94124	1
cg18190832	CSF3R;CSF3R;CSF3R;CSF3R	0.118111	0.433015	1.09886	1.09886	0.259301	1.14874	1.14874	0.102898	0.810385	-1.23398	0.109658	0.81424	-1.22814	0.244892	0.866467	-1.15411	0.717741	1.0437	1.0437	0.023213	1.37676	1.37676	0.722588	0.958869	-1.0429	0.379561	0.89923	-1.11206	2.38054	0.523468	0.195462	1
cg25373595	RAP1GAP2;RAP1GAP2	0.118114	0.646728	1.23053	1.23053	0.969708	1.01722	1.01722	0.294458	0.61335	-1.63039	0.598493	0.787514	-1.26982	0.401716	1.47083	1.47083	0.075858	2.4307	2.4307	0.0113639	4.15619	4.15619	0.0925596	2.29822	2.29822	0.534049	0.753433	-1.32726	2.38051	7.61926	2.84506	1
cg18028483	SESN1	0.118116	0.940907	1.03166	1.03166	0.975303	1.0131	1.0131	0.210864	0.574481	-1.7407	0.961794	0.980061	-1.02034	0.0510996	0.392958	-2.5448	0.36333	1.48112	1.48112	0.0121622	0.268767	-3.7207	0.587401	1.25904	1.25904	0.105138	0.47498	-2.10535	2.38049	6.66482	2.48868	1
cg24762359	ATP12A	0.118116	0.0570681	0.613149	-1.63093	0.41798	0.828579	-1.20689	0.964549	1.01015	1.01015	0.689462	0.912783	-1.09555	0.0859644	0.649792	-1.53895	0.973834	0.992576	-1.00748	0.00740394	0.45663	-2.18996	0.184609	0.726361	-1.37673	0.60608	1.12545	1.12545	2.38049	1.94614	0.7267	1
cg07943111	SLC43A2	0.118116	0.712114	0.86251	-1.15941	0.753721	1.13382	1.13382	0.281533	0.639791	-1.56301	0.117438	0.507342	-1.97106	0.487621	0.754722	-1.32499	0.867212	1.06906	1.06906	0.0280679	2.81593	2.81593	0.0439793	2.51858	2.51858	0.304744	0.654345	-1.52825	2.38049	6.00369	2.24182	1
cg24984653	HAPLN1	0.118116	0.720219	1.17188	1.17188	0.968797	1.0174	1.0174	0.706982	1.18121	1.18121	0.444543	1.4102	1.4102	0.00961663	0.235628	-4.24398	0.0993381	2.2182	2.2182	0.258455	1.68202	1.68202	0.351622	1.52615	1.52615	0.332446	0.643433	-1.55416	2.38049	7.3325	2.738	1
cg03526160	TOMM34	0.118118	0.609095	1.10955	1.10955	0.161447	0.739789	-1.35174	0.0135712	0.540311	-1.85079	0.332263	1.22336	1.22336	0.692084	0.922907	-1.08353	0.138498	1.37911	1.37911	0.132609	0.721034	-1.3869	0.727721	0.931978	-1.07299	0.301156	0.805799	-1.241	2.38047	1.53151	0.571879	1
cg05291178	C3orf24;C3orf24	0.118119	0.294066	0.818264	-1.2221	0.333835	1.20166	1.20166	0.182983	0.770731	-1.29747	0.465894	1.14655	1.14655	0.846198	1.03644	1.03644	0.375194	1.18262	1.18262	0.0053837	1.96464	1.96464	0.623471	1.09548	1.09548	0.636469	1.09171	1.09171	2.38046	1.28052	0.478158	1
cg06489804	FBXW9	0.118119	0.1636	1.18133	1.18133	0.339502	1.11666	1.11666	0.10822	1.21704	1.21704	0.0257189	1.34572	1.34572	0.502093	0.926487	-1.07935	0.287704	1.13171	1.13171	0.219202	0.865171	-1.15584	0.134305	0.834456	-1.19839	0.908804	1.01293	1.01293	2.38046	0.473651	0.176866	1
cg09429345	FAIM;FAIM;FAIM;FAIM	0.118121	0.996239	1.00066	1.00066	0.71094	1.05387	1.05387	0.118454	1.26986	1.26986	0.160126	1.23556	1.23556	0.0749683	0.75615	-1.32249	0.111548	0.783261	-1.27671	0.0328432	0.703384	-1.4217	0.995223	1.00084	1.00084	0.87827	1.02184	1.02184	2.38044	0.74899	0.279683	1
cg09975039	C9orf106	0.118123	0.162532	0.804051	-1.2437	0.625529	1.07459	1.07459	0.298424	1.17076	1.17076	0.272246	0.846063	-1.18195	0.129473	0.78693	-1.27076	0.348319	1.1517	1.1517	0.0254633	1.47463	1.47463	0.510853	0.907054	-1.10247	0.161209	1.24467	1.24467	2.38043	0.806646	0.301214	1
cg20387954	HTR3D;HTR3D;HTR3D	0.118125	0.0618376	1.70572	1.70572	0.637932	1.1279	1.1279	0.0909388	0.62324	-1.60452	0.628285	1.13187	1.13187	0.0694476	0.597115	-1.67472	0.0732416	0.602165	-1.66067	0.655218	0.892154	-1.12088	0.117014	0.648981	-1.54088	0.739099	0.918634	-1.08857	2.38041	2.43059	0.907626	1
cg17193062	CMTM6	0.118128	0.954755	1.01044	1.01044	0.0520541	0.667386	-1.49838	0.0801335	0.701007	-1.42652	0.302879	1.21565	1.21565	0.152028	0.755195	-1.32416	0.0967383	1.396	1.396	0.191356	1.28803	1.28803	0.620159	1.09573	1.09573	0.496569	1.13463	1.13463	2.38038	1.26219	0.471331	1
cg08340572	FBXO22;FBXO22	0.118129	0.484722	0.895242	-1.11702	0.0966223	0.75256	-1.3288	0.12445	1.29596	1.29596	0.485849	0.895505	-1.11669	0.0593354	0.717655	-1.39343	0.354552	1.16002	1.16002	0.323778	1.17214	1.17214	0.178057	1.24986	1.24986	0.135916	1.2846	1.2846	2.38037	0.915718	0.341951	1
cg22937574	FOXJ2	0.11813	0.45424	0.854722	-1.16997	0.103443	0.692985	-1.44303	0.164595	0.736876	-1.35708	0.205344	0.759456	-1.31673	0.449272	1.17208	1.17208	0.588929	0.893732	-1.1189	0.00967686	0.5096	-1.96232	0.719556	0.928442	-1.07707	0.212232	1.31072	1.31072	2.38037	1.59869	0.59699	1
cg03681383	IFLTD1	0.118131	0.330726	0.681268	-1.46785	0.229207	0.617226	-1.62015	0.0779588	2.11491	2.11491	0.29495	1.51492	1.51492	0.431992	0.735889	-1.3589	0.0871096	0.485567	-2.05945	0.186359	0.585244	-1.70869	0.0505149	0.426441	-2.34499	0.442432	1.34918	1.34918	2.38035	5.51311	2.05875	1
cg23847282	GNL1	0.118134	0.0145042	0.555256	-1.80097	0.0511596	0.648024	-1.54315	0.557077	0.890468	-1.12301	0.366632	1.19863	1.19863	0.105159	0.707605	-1.41322	0.441197	0.857769	-1.16582	0.419121	1.175	1.175	0.953389	1.01148	1.01148	0.182256	0.758401	-1.31856	2.38032	1.43858	0.537212	1
cg15079885	TINAGL1	0.118135	0.0338741	2.61487	2.61487	0.0308408	2.67489	2.67489	0.63823	1.20174	1.20174	0.479899	1.32139	1.32139	0.0192096	3.00201	3.00201	0.0592129	2.28541	2.28541	0.556486	1.25961	1.25961	0.563486	1.25436	1.25436	0.168823	1.76636	1.76636	2.38032	5.67673	2.11988	1
cg16106770	ARHGEF12	0.118135	0.413073	1.11575	1.11575	0.30228	0.869467	-1.15013	0.719633	0.953916	-1.04831	0.609645	0.934819	-1.06973	0.787005	0.965172	-1.03609	0.652601	1.06111	1.06111	0.06446	0.761939	-1.31244	0.00592119	0.624259	-1.6019	0.565746	1.07895	1.07895	2.38032	0.645876	0.241191	1
cg04759335	C10orf114	0.118136	0.2838	0.830861	-1.20357	0.549246	1.1061	1.1061	0.44256	0.877845	-1.13915	0.230072	0.81096	-1.23311	0.292388	0.833789	-1.19934	0.176423	0.7873	-1.27016	0.00332747	0.514234	-1.94464	0.510503	0.894875	-1.11748	0.921471	0.983726	-1.01654	2.38031	1.04388	0.389819	1
cg06870750	SETDB2;CAB39L	0.118137	0.0203213	0.469025	-2.13208	0.449587	0.811772	-1.23187	0.477249	0.82235	-1.21603	0.484717	0.825159	-1.21189	0.423733	0.801609	-1.24749	0.0501158	0.546324	-1.83041	0.394173	0.789609	-1.26645	0.148109	1.52183	1.52183	0.19809	1.44508	1.44508	2.3803	2.76158	1.03127	1
cg06313241	PRDM16;PRDM16	0.118141	0.418279	0.799667	-1.25052	0.0547386	1.80205	1.80205	0.152707	1.51284	1.51284	?	?	?	0.0201516	2.13298	2.13298	0.876171	0.958727	-1.04305	0.81914	1.06386	1.06386	0.362394	0.776438	-1.28793	0.43709	0.807127	-1.23896	2.40367	2.47221	1.02852	1
cg18495047	C22orf45;C22orf45;UPB1	0.118142	0.0336892	5.26057	5.26057	0.0606839	4.08497	4.08497	0.757685	1.22409	1.22409	0.407372	1.74265	1.74265	0.0492742	4.4656	4.4656	0.425972	1.70334	1.70334	0.414144	1.72808	1.72808	0.0204212	6.55331	6.55331	0.0527036	4.33876	4.33876	2.51999	16.6635	5.14308	1
cg27065876	IGFALS;IGFALS;IGFALS	0.118147	0.247437	0.458294	-2.18201	0.0352927	0.205615	-4.86346	0.393372	0.568862	-1.7579	0.131492	0.349749	-2.8592	0.0620475	0.257803	-3.87893	0.09957	0.312032	-3.2048	0.0111864	0.128574	-7.77762	0.208146	0.424757	-2.35429	0.218457	0.433796	-2.30523	2.38021	15.6934	5.86069	1
cg02440872	E2F4	0.118149	0.789759	1.04491	1.04491	0.0275125	1.53509	1.53509	0.188092	1.25773	1.25773	0.112292	0.752578	-1.32877	0.830622	0.965396	-1.03584	0.338614	0.8503	-1.17606	0.0927368	0.737768	-1.35544	0.567671	1.09962	1.09962	0.223475	1.23402	1.23402	2.38019	1.01892	0.380519	1
cg20885593	TYMS;ENOSF1	0.11815	0.112793	0.53249	-1.87797	0.0527446	0.447588	-2.2342	0.034647	0.406888	-2.45768	0.907211	1.04349	1.04349	0.0166467	0.343891	-2.90789	0.244848	0.641374	-1.55915	0.387535	0.723718	-1.38175	0.775633	1.10996	1.10996	0.205675	0.614205	-1.62812	2.38018	5.02461	1.87646	1
cg22715021	C6orf126	0.11815	0.830629	0.928306	-1.07723	0.369893	1.37687	1.37687	0.291784	1.46215	1.46215	0.310843	1.43934	1.43934	0.167509	0.59991	-1.66692	0.0326464	0.419667	-2.38284	0.024566	0.394534	-2.53463	0.513898	0.794602	-1.25849	0.597784	0.831176	-1.20311	2.38018	4.54713	1.69815	1
cg05470497	INTS1	0.118153	0.447593	0.866141	-1.15455	0.106624	0.721006	-1.38695	0.0661525	0.682035	-1.4662	0.975648	0.994349	-1.00568	0.0172408	0.583505	-1.71378	0.0386682	0.641071	-1.55989	0.535094	1.1237	1.1237	0.134245	0.740942	-1.34963	0.477973	0.874639	-1.14333	2.38015	1.29947	0.4853	1
cg25853673	EHMT2;EHMT2	0.118155	0.585499	0.863917	-1.15752	0.169719	0.67807	-1.47477	0.110199	0.62976	-1.58791	0.855704	1.04954	1.04954	0.0132481	0.442454	-2.26012	0.0189215	0.47001	-2.12762	0.809587	0.937892	-1.06622	0.908212	1.03111	1.03111	0.228029	0.714562	-1.39946	2.38014	2.65959	0.993253	1
cg16875235	LSM6	0.118155	0.0825473	0.316004	-3.16451	0.168535	0.415189	-2.40854	0.601633	0.729378	-1.37103	0.431235	0.617995	-1.61814	0.107862	0.349548	-2.86084	0.186518	0.432165	-2.31393	0.00919289	0.137879	-7.25273	0.0329979	0.224521	-4.45393	0.251935	0.488205	-2.04832	2.38013	13.5299	5.0529	1
cg14046477	NR6A1;NR6A1	0.118156	0.0355644	0.0607182	-16.4695	0.235089	0.240529	-4.15751	0.464071	0.426026	-2.34727	0.0930587	0.120564	-8.29436	0.0488784	0.076133	-13.1349	0.110065	0.136121	-7.34639	?	?	?	0.0363152	0.0616287	-16.2262	0.11134	0.137265	-7.28517	2.40352	44.3609	18.4566	1
cg11193635	DGKG;DGKG;DGKG	0.118158	0.0331136	0.328431	-3.04478	0.262761	0.593421	-1.68515	0.0606965	0.388631	-2.57313	0.0998028	0.446595	-2.23917	0.118119	0.468431	-2.13478	0.0262008	0.307647	-3.25048	0.190918	0.538507	-1.85698	0.942948	0.968518	-1.03251	0.0646112	0.395443	-2.52881	2.38011	7.53006	2.81222	1
cg17822584	VWA3B	0.118159	0.799347	1.06498	1.06498	0.0613907	1.68353	1.68353	0.780785	0.933371	-1.07139	0.674907	1.10989	1.10989	0.202489	0.717085	-1.39454	0.304153	1.30086	1.30086	0.0154678	0.479892	-2.0838	0.276663	1.32267	1.32267	0.586156	0.872959	-1.14553	2.3801	2.30264	0.859959	1
cg22104478	SMEK2;SMEK2	0.118163	0.209861	0.800231	-1.24964	0.0531415	0.690371	-1.4485	0.636917	1.08348	1.08348	0.0391193	0.668573	-1.49572	0.613031	0.917592	-1.08981	0.716692	1.06338	1.06338	0.069536	0.710116	-1.40822	0.146274	1.30081	1.30081	0.570544	1.1015	1.1015	2.38006	1.07194	0.400339	1
cg03759537	MCPH1	0.118167	0.592553	0.914049	-1.09403	0.0389108	1.4885	1.4885	0.668079	0.930748	-1.0744	0.232519	0.811965	-1.23158	0.687122	0.934855	-1.06968	0.120248	0.755478	-1.32367	0.0777226	1.38567	1.38567	0.383255	0.86178	-1.16039	0.10776	0.746768	-1.3391	2.38003	1.04339	0.389682	1
cg26275264	SDK1;SDK1	0.118168	0.554313	1.4454	1.4454	0.0970744	0.325759	-3.06975	0.142623	0.37886	-2.6395	0.0325194	4.67058	4.67058	0.0941707	0.321945	-3.10612	0.470765	1.57127	1.57127	0.866562	0.901608	-1.10913	0.442115	1.62046	1.62046	0.305173	1.92316	1.92316	2.38002	14.2987	5.34026	1
cg08584304	C16orf70;C16orf70	0.118168	0.0300985	0.456291	-2.19159	0.965273	1.01348	1.01348	0.710086	1.12172	1.12172	0.361544	1.33443	1.33443	0.710506	0.891645	-1.12152	?	?	?	0.0620168	0.52395	-1.90858	0.30345	0.720457	-1.38801	0.0343663	0.468043	-2.13656	2.40342	3.20156	1.33209	1
cg11700868	GJD3	0.118168	0.318241	0.811674	-1.23202	0.336018	1.2222	1.2222	0.0679014	0.661267	-1.51225	0.0567531	1.54676	1.54676	0.115157	0.707181	-1.41407	0.763864	0.940881	-1.06283	0.503871	1.14705	1.14705	0.139512	1.37937	1.37937	0.266663	1.26375	1.26375	2.38002	1.54211	0.575947	1
cg20161655	PALLD;PALLD;PALLD;PALLD	0.118169	0.0480012	0.284399	-3.51619	0.296885	0.547931	-1.82505	0.35189	0.586891	-1.70389	0.908083	0.937773	-1.06636	0.00439436	0.120565	-8.2943	0.131276	0.404016	-2.47515	0.295977	0.547266	-1.82727	0.479463	0.670387	-1.49168	0.34802	0.584227	-1.71166	2.38001	11.6637	4.35617	1
cg23434815	VCL;VCL	0.11817	0.66746	1.1945	1.1945	0.0145962	0.290336	-3.44428	0.0178726	0.306164	-3.26622	0.976772	1.01204	1.01204	0.696977	1.17458	1.17458	0.613286	0.810949	-1.23312	0.5723	1.26443	1.26443	0.714648	1.16299	1.16299	0.222669	0.590418	-1.69371	2.38001	6.37307	2.38023	1
cg22955973	MME;MME;MME;MME	0.11817	0.476046	1.30853	1.30853	0.0244258	2.70466	2.70466	0.0393816	2.42142	2.42142	0.907777	0.957911	-1.04394	0.338831	0.693622	-1.44171	0.815234	1.09074	1.09074	?	?	?	0.0945725	1.97748	1.97748	0.137943	1.80892	1.80892	2.4034	4.65855	1.93832	1
cg25310909	TMCO1;TMCO1	0.11817	0.157043	3.98175	3.98175	0.027241	11.3036	11.3036	0.138613	4.29336	4.29336	?	?	?	0.240105	3.06253	3.06253	0.162132	0.256054	-3.90543	0.525855	1.78955	1.78955	0.190299	0.282416	-3.54088	0.594618	1.62579	1.62579	2.54191	28.6002	9.84503	1
cg14226678	ZNF555	0.11817	0.00922747	1.85572	1.85572	0.0868529	0.702031	-1.42444	0.132301	0.737955	-1.3551	0.63434	1.09378	1.09378	0.836126	1.03951	1.03951	0.804717	0.954712	-1.04744	0.993964	0.998586	-1.00142	0.690182	1.07784	1.07784	0.452135	1.15408	1.15408	2.38	1.31929	0.492732	1
cg26085721	NID2	0.118173	0.415385	0.54239	-1.84369	0.501653	0.60584	-1.6506	0.348656	0.492113	-2.03205	0.189075	0.359718	-2.77995	0.0358948	0.166325	-6.01234	0.0458147	0.185932	-5.37832	0.0176724	0.119954	-8.33654	0.564498	1.53426	1.53426	0.104458	0.271377	-3.68491	2.37998	20.356	7.60268	1
cg16253259	HOXC10	0.118176	0.731204	0.887528	-1.12672	0.0488858	2.17752	2.17752	0.139515	1.73357	1.73357	0.0690746	0.494687	-2.02148	0.487728	0.783537	-1.27626	0.77966	1.10191	1.10191	0.0663901	0.49048	-2.03882	0.99798	1.00088	1.00088	0.248732	1.51766	1.51766	2.37995	4.51258	1.68541	1
cg17164693	BUB3;BUB3;BUB3;BUB3	0.118179	0.446424	1.16279	1.16279	0.0710263	1.47986	1.47986	0.258896	1.25724	1.25724	0.0940653	0.699236	-1.43013	0.48627	0.871545	-1.14739	0.0391985	1.59002	1.59002	0.174605	0.75531	-1.32396	0.746489	1.06507	1.06507	0.322707	1.2196	1.2196	2.37992	1.42363	0.531719	1
cg19460293	NOTCH4	0.11818	0.077519	0.359788	-2.77941	0.204019	0.497398	-2.01046	0.242766	0.528962	-1.89049	0.801734	0.877149	-1.14006	0.00498019	0.144192	-6.93518	0.270361	0.549967	-1.81829	0.534767	0.72072	-1.3875	0.578102	0.746252	-1.34003	0.0643904	0.338744	-2.95208	2.37991	10.23	3.82087	1
cg22821358	MIR181B1	0.118181	0.155658	3.53589	3.53589	0.998935	1.00111	1.00111	0.850323	0.854659	-1.17006	0.121949	4.02972	4.02972	0.16806	3.39168	3.39168	0.281183	2.53747	2.53747	0.00890971	15.9039	15.9039	0.0685649	5.44628	5.44628	0.0920044	4.67399	4.67399	2.3799	26.0507	9.7299	1
cg06873895	GPR61	0.118182	0.288569	1.74234	1.74234	0.0206344	4.075	4.075	0.0228749	3.94377	3.94377	0.14218	2.21489	2.21489	0.0438551	3.21372	3.21372	0.629753	1.27736	1.27736	0.252853	1.82557	1.82557	0.0781775	2.68106	2.68106	0.249325	1.83453	1.83453	2.37989	9.5731	3.57555	1
cg08635242	CPD	0.118186	0.0423835	0.606038	-1.65006	0.0965368	1.47829	1.47829	0.388265	1.20857	1.20857	0.228735	0.762908	-1.31077	0.393701	1.20583	1.20583	0.261351	1.28524	1.28524	0.858815	0.962573	-1.03888	0.735376	0.929903	-1.07538	0.047779	1.62397	1.62397	2.37986	1.72991	0.646132	1
cg16178855	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.118188	0.361905	0.591362	-1.69101	0.0192713	0.204577	-4.88814	0.054567	0.294513	-3.39544	0.617842	0.754314	-1.32571	0.0383689	0.260528	-3.83836	0.395106	0.613723	-1.6294	0.0307677	0.241203	-4.14589	0.356673	0.58778	-1.70132	0.140516	0.411172	-2.43207	2.37984	11.8431	4.4235	1
cg25874953	ANP32A	0.118188	0.768496	1.17097	1.17097	0.308899	1.75616	1.75616	0.119489	2.46798	2.46798	0.0931489	2.68503	2.68503	0.329159	0.583605	-1.71349	0.392754	1.59706	1.59706	0.231443	1.95654	1.95654	0.00637595	6.67487	6.67487	0.760485	1.17762	1.17762	2.37984	10.7776	4.02552	1
cg13492227	FGF11	0.118191	0.115452	0.401968	-2.48776	0.786003	1.15596	1.15596	0.0729876	2.90089	2.90089	0.429449	0.650801	-1.53657	0.748589	0.84261	-1.18679	0.538024	1.39384	1.39384	0.0947355	0.376058	-2.65916	0.0570916	0.317766	-3.14697	0.0760898	0.349525	-2.86103	2.37981	10.69	3.99283	1
cg07159961	GDF6	0.118192	0.811562	1.18021	1.18021	0.275086	2.19839	2.19839	0.210295	2.4988	2.4988	0.149358	0.342149	-2.9227	0.253097	0.436899	-2.28886	0.0989352	0.285073	-3.50787	0.714404	1.29042	1.29042	0.0202744	6.96954	6.96954	0.853492	0.879642	-1.13683	2.3798	18.1387	6.77503	1
cg25481888	FAM157A	0.118192	0.0732678	2.1492	2.1492	0.614889	1.21448	1.21448	0.381436	1.41038	1.41038	0.466677	1.32807	1.32807	0.0930799	0.492786	-2.02928	0.465619	0.75245	-1.32899	0.128169	1.87753	1.87753	0.0244264	2.79298	2.79298	0.252673	1.58037	1.58037	2.3798	5.53007	2.06555	1
cg15502430	LSAMP	0.118192	0.139599	0.575765	-1.73682	0.803561	0.917091	-1.0904	0.26022	0.6651	-1.50353	0.138632	0.57487	-1.73952	0.0030183	0.243688	-4.1036	0.715707	0.880717	-1.13544	0.485674	0.781907	-1.27892	0.750392	0.895088	-1.11721	0.269985	0.671068	-1.49016	2.3798	4.54527	1.69772	1
cg05865769	MAP2K4	0.118193	0.0759279	0.353795	-2.82649	0.0605702	0.328541	-3.04376	0.655827	0.7898	-1.26614	0.762203	0.852445	-1.1731	0.0108122	0.185621	-5.38732	0.30553	0.572278	-1.7474	0.236534	0.520768	-1.92024	0.383682	1.59984	1.59984	0.142593	0.436454	-2.29119	2.3798	10.4303	3.89586	1
cg19757573	MIR654;MIR376B;MIR376A2;MIR300;MIR376A1	0.118193	0.179634	0.572133	-1.74785	0.453648	0.741514	-1.34859	0.019759	0.331918	-3.01279	0.88444	0.944615	-1.05863	0.48953	0.75955	-1.31657	0.781225	0.896664	-1.11525	0.0333996	0.377606	-2.64826	0.0175674	0.32237	-3.10203	0.259403	0.630683	-1.58558	2.37979	5.78519	2.16086	1
cg05863502	CACNA1B	0.118195	0.80349	0.832363	-1.2014	0.912072	1.08469	1.08469	0.637929	1.41742	1.41742	0.931073	0.938319	-1.06574	0.499434	0.603777	-1.65624	0.238973	0.403497	-2.47833	0.249362	0.412294	-2.42545	0.00582705	14.2569	14.2569	0.236018	2.49394	2.49394	2.37978	20.4134	7.62475	1
cg02795546	OR2C3	0.118195	0.0865862	0.225223	-4.44005	0.46716	0.558421	-1.79076	0.0340826	0.142611	-7.01206	0.426647	0.527718	-1.89495	0.122428	0.267619	-3.73665	0.695013	1.36382	1.36382	0.356821	2.10918	2.10918	0.234637	0.374922	-2.66722	0.0214002	0.113368	-8.8208	2.37977	23.3729	8.73022	1
cg08848003	CPOX	0.118198	0.237265	1.89605	1.89605	0.190802	2.04579	2.04579	0.871437	0.919719	-1.08729	0.397979	1.56389	1.56389	0.025609	0.254052	-3.9362	0.462015	0.679163	-1.4724	0.146466	0.446911	-2.23758	0.0777011	2.75422	2.75422	0.897235	0.935412	-1.06905	2.37975	10.0629	3.75874	1
cg04930469	SOST	0.118199	0.120645	4.54203	4.54203	0.176225	3.64279	3.64279	0.351674	2.36725	2.36725	0.226086	3.13558	3.13558	0.0777659	5.82606	5.82606	0.0909436	5.3343	5.3343	0.0467663	7.7429	7.7429	0.0186827	12.9713	12.9713	0.0431456	8.0992	8.0992	2.37974	30.4649	11.3794	1
cg20447452	HRNBP3	0.1182	0.0435786	0.20337	-4.91713	0.904413	1.08596	1.08596	0.549401	0.659827	-1.51555	0.589668	1.45314	1.45314	0.0309932	0.175824	-5.68752	0.148074	0.344719	-2.90091	0.064699	0.240698	-4.15459	0.391596	1.82666	1.82666	0.117103	0.310852	-3.21697	2.37973	17.7571	6.63273	1
cg08186900	TRIM26	0.1182	0.0959051	2.05923	2.05923	0.675685	1.1808	1.1808	0.494406	1.31533	1.31533	0.262608	1.58623	1.58623	0.0259235	0.351895	-2.84176	0.442017	0.733708	-1.36294	0.530727	0.778149	-1.2851	0.0620792	2.29272	2.29272	0.512291	0.769119	-1.30019	2.37973	5.8804	2.19648	1
cg27056436	ACTB	0.118201	0.297654	1.13969	1.13969	0.0142206	0.693308	-1.44236	0.633289	1.05994	1.05994	0.326904	0.884639	-1.1304	0.206547	0.850997	-1.17509	0.121221	1.22568	1.22568	0.575951	1.07083	1.07083	0.550712	0.929495	-1.07585	0.186036	0.843831	-1.18507	2.37972	0.552808	0.206488	1
cg07706812	PHLPP2	0.118204	0.486953	0.825585	-1.21126	0.0746298	0.58339	-1.71412	0.569875	1.16864	1.16864	0.124467	1.57047	1.57047	0.0626338	0.56636	-1.76566	0.622227	1.14427	1.14427	0.138975	0.649098	-1.5406	0.118151	1.58469	1.58469	0.332185	0.762256	-1.3119	2.37969	2.77529	1.03666	1
cg04533380	FAM134C;TUBG1;FAM134C;TUBG1	0.118207	0.0328514	0.289508	-3.45413	0.0977414	2.44206	2.44206	0.8707	0.924115	-1.08212	0.0640961	0.358246	-2.79138	0.716956	0.838219	-1.19301	0.766232	1.15545	1.15545	0.110387	0.425659	-2.3493	?	?	?	0.640833	1.2559	1.2559	2.54153	8.21889	2.82961	1
cg12618806	DLGAP2	0.118209	0.034311	0.183115	-5.46106	0.0521054	0.218901	-4.56828	0.453265	0.591374	-1.69098	0.694447	0.762274	-1.31186	0.031513	0.17656	-5.66378	0.148659	0.344701	-2.90106	0.0391908	0.193832	-5.15911	0.756953	0.807796	-1.23794	0.0910169	0.278044	-3.59655	2.37965	17.8169	6.65526	1
cg24657206	SEMA6A	0.11821	0.869395	1.14972	1.14972	0.0263988	9.3198	9.3198	0.0912564	4.84014	4.84014	?	?	?	0.714356	1.3657	1.3657	0.68542	0.708025	-1.41238	0.0438247	0.140245	-7.13038	0.645301	1.48136	1.48136	0.618054	0.652994	-1.53141	2.40303	24.3178	10.1196	1
cg00005083	TDRD6;TDRD6	0.118212	0.921254	1.02777	1.02777	0.119296	1.59737	1.59737	0.606478	1.15484	1.15484	0.442517	0.804974	-1.24228	0.861536	1.04956	1.04956	0.649503	0.880944	-1.13515	0.134018	1.56475	1.56475	0.0136741	2.32775	2.32775	0.104241	0.611349	-1.63573	2.37962	2.893	1.08066	1
cg11100157	MYO10	0.118213	0.053977	0.265682	-3.7639	0.0409492	0.239455	-4.17616	0.054749	0.267105	-3.74384	0.206223	0.445811	-2.2431	0.0578479	0.272699	-3.66704	0.686491	0.782034	-1.27872	0.0297338	0.212219	-4.71212	0.29871	0.520665	-1.92062	0.117894	0.357423	-2.7978	2.37962	13.8363	5.16845	1
cg13708218	SNX32	0.118214	0.617647	1.04954	1.04954	0.146184	1.16167	1.16167	0.466538	1.07378	1.07378	0.476146	0.932763	-1.07208	0.0290586	1.28038	1.28038	0.507097	0.937389	-1.06679	0.732065	1.03357	1.03357	0.938246	0.992584	-1.00747	0.0108624	1.35969	1.35969	2.3796	0.347826	0.129929	1
cg09199933	DHX8;DHX8	0.11822	0.643125	0.874954	-1.14292	0.0518368	1.88416	1.88416	0.0222653	2.19102	2.19102	0.55135	1.18834	1.18834	0.0862546	0.581213	-1.72054	0.299224	0.734892	-1.36074	0.966496	0.988047	-1.0121	0.854984	0.94897	-1.05377	0.3935	1.28434	1.28434	2.37955	3.08909	1.15394	1
cg24512685	FSCN1	0.11822	0.0159308	0.545244	-1.83404	0.520005	0.874589	-1.14339	0.806314	1.05177	1.05177	0.29668	0.800653	-1.24898	0.0661734	0.654774	-1.52725	0.0814659	0.672465	-1.48707	0.178518	1.34138	1.34138	0.727781	1.07444	1.07444	0.40539	0.839526	-1.19115	2.37955	1.59117	0.594389	1
cg06234378	CARD14;CARD14	0.118221	0.316065	1.81307	1.81307	0.109111	2.72629	2.72629	0.330647	1.7793	1.7793	0.430948	1.58635	1.58635	0.546846	0.704692	-1.41906	0.918289	1.06068	1.06068	0.0040366	9.17822	9.17822	0.876191	1.09363	1.09363	0.177138	2.27833	2.27833	2.37954	12.4183	4.6389	1
cg03599658	FOXK1	0.118222	0.0486746	0.503473	-1.9862	0.110612	1.69863	1.69863	0.323026	1.36491	1.36491	0.275996	1.41247	1.41247	0.820071	0.932926	-1.0719	0.510664	0.816002	-1.22549	0.567622	1.19251	1.19251	0.67854	0.880721	-1.13543	0.0270976	0.45052	-2.21966	2.37953	3.5001	1.30749	1
cg09906169	AP2A2	0.118225	0.0628791	0.410312	-2.43717	0.292214	1.59234	1.59234	0.629914	1.22959	1.22959	0.213125	0.572271	-1.74742	0.0807523	0.438489	-2.28056	0.0138953	0.274231	-3.64657	0.645035	0.820807	-1.21831	0.730794	1.15839	1.15839	0.499906	0.747127	-1.33846	2.3795	6.82934	2.55117	1
cg00444581	PTK2;PTK2	0.118229	0.224041	1.53201	1.53201	0.0194724	0.389371	-2.56825	0.499934	0.795573	-1.25696	0.642976	1.16871	1.16871	0.172341	1.62436	1.62436	0.299185	1.4324	1.4324	0.0858129	1.88527	1.88527	0.721776	0.887442	-1.12683	0.353238	0.72687	-1.37576	2.37947	4.20334	1.57023	1
cg12480941	LETM2	0.118229	0.113506	0.865882	-1.15489	0.310453	1.09173	1.09173	0.988849	1.00117	1.00117	0.178612	1.12693	1.12693	0.270446	0.908509	-1.10071	0.0176309	0.785501	-1.27307	0.202796	1.119	1.119	0.808612	1.0205	1.0205	0.475103	1.06262	1.06262	2.37947	0.263516	0.0984405	1
cg02376703	EPHA1	0.118234	0.233963	9.42954	9.42954	0.113311	22.1729	22.1729	0.123211	20.1441	20.1441	0.134204	18.2548	18.2548	0.0612933	44.3373	44.3373	0.606979	2.5423	2.5423	0.0378206	76.0341	76.0341	0.0217259	141.821	141.821	0.056328	48.7277	48.7277	2.37942	121.869	45.5271	1
cg03965322	LMF1	0.118234	0.132151	0.498709	-2.00518	0.186551	1.82121	1.82121	0.937364	1.03422	1.03422	0.132399	0.498967	-2.00414	0.05217	0.388433	-2.57445	0.557726	0.775822	-1.28896	0.0448008	0.373022	-2.68081	0.185912	1.82298	1.82298	0.502571	0.747274	-1.3382	2.37942	6.90789	2.5806	1
cg08130612	ANKRD11	0.118235	0.519322	1.34577	1.34577	0.861069	0.923453	-1.08289	0.396931	1.4834	1.4834	0.104174	2.24253	2.24253	0.300227	1.62909	1.62909	0.408297	1.46886	1.46886	0.0264956	3.30623	3.30623	0.0182951	3.67616	3.67616	0.0335221	3.09266	3.09266	2.37941	7.78797	2.90939	1
cg07087116	RPSA;RPSA	0.118236	0.558394	0.792647	-1.2616	0.0981431	0.490512	-2.03869	0.108807	0.503232	-1.98715	0.723169	0.869665	-1.14987	0.545591	0.7865	-1.27146	0.998429	0.999227	-1.00077	0.00679416	0.252292	-3.96367	0.654561	1.19343	1.19343	0.292681	1.53515	1.53515	2.3794	5.80954	2.17031	1
cg26101170	RP1L1	0.118238	0.565474	1.12778	1.12778	0.119457	1.41866	1.41866	0.151908	1.37399	1.37399	0.616079	0.90065	-1.11031	0.207155	1.31698	1.31698	0.333943	0.813616	-1.22908	0.0066962	2.07092	2.07092	0.336726	1.22754	1.22754	0.85921	1.03743	1.03743	2.37939	1.61441	0.60311	1
cg14196824	BTNL2	0.11824	0.527613	0.736479	-1.35781	0.998235	0.998943	-1.00106	0.134292	0.46222	-2.16347	0.830105	0.902399	-1.10816	0.00686941	0.18771	-5.32736	0.076366	0.389736	-2.56584	0.0628521	0.367771	-2.71909	0.819445	1.11547	1.11547	0.83721	0.906351	-1.10333	2.37937	8.608	3.21579	1
cg19719807	CD164L2	0.11824	0.69347	1.10983	1.10983	0.507727	1.19336	1.19336	0.0424467	1.84908	1.84908	0.634081	1.13444	1.13444	0.305209	0.756321	-1.32219	0.920497	0.974081	-1.02661	0.415062	0.803206	-1.24501	0.0230661	2.04384	2.04384	0.0459709	1.82515	1.82515	2.37937	2.60758	0.974146	1
cg23432306	CLNS1A	0.11824	?	?	?	0.808271	1.1872	1.1872	0.631626	1.40727	1.40727	0.510637	0.623079	-1.60493	0.940356	1.0542	1.0542	0.0569197	0.203653	-4.91031	0.0356787	6.20586	6.20586	0.0476887	5.36189	5.36189	0.907019	1.08592	1.08592	2.73746	18.261	5.0031	1
cg13540311	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.118241	0.392069	1.41547	1.41547	0.0138132	3.33964	3.33964	0.829643	0.918159	-1.08914	0.327945	0.67022	-1.49205	0.13416	0.527242	-1.89666	0.345938	0.6807	-1.46908	0.282262	1.55702	1.55702	0.346461	0.681001	-1.46843	0.270807	0.634874	-1.57512	2.37936	5.91748	2.21067	1
cg05877850	RWDD2A;PGM3;PGM3	0.118242	0.286622	0.877976	-1.13898	0.58998	0.938024	-1.06607	0.0593687	1.28443	1.28443	0.983192	1.00248	1.00248	0.386476	1.11005	1.11005	0.0245316	1.37032	1.37032	0.079831	1.25685	1.25685	0.231398	0.862748	-1.15909	0.987517	1.00184	1.00184	2.37935	0.521228	0.194723	1
cg01940708	RAB11FIP4	0.118245	0.382622	1.33817	1.33817	0.239347	1.49314	1.49314	0.0977446	1.80592	1.80592	0.0482057	2.08455	2.08455	0.0711871	1.92649	1.92649	0.124405	1.7182	1.7182	0.311949	0.711542	-1.4054	0.0243503	2.39417	2.39417	0.35851	1.3596	1.3596	2.37933	3.9888	1.49017	1
cg19281363	C13orf15	0.118245	0.160674	2.64335	2.64335	0.903705	1.08167	1.08167	0.797837	0.846619	-1.18117	0.146814	2.74587	2.74587	0.706432	0.78235	-1.2782	0.454551	0.610096	-1.63909	0.90653	0.926636	-1.07917	0.00908274	8.58901	8.58901	0.0621544	3.90457	3.90457	2.37933	15.8566	5.92384	1
cg09209510	EML1;EML1	0.118245	0.0780328	0.378882	-2.63934	0.110345	2.36902	2.36902	0.376915	1.56739	1.56739	0.605009	0.772123	-1.29513	0.0125768	0.214764	-4.65627	0.639438	1.26349	1.26349	0.440708	0.67725	-1.47656	0.694285	1.21628	1.21628	0.889057	0.933157	-1.07163	2.37933	9.2579	3.45864	1
cg09227144	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.118245	0.0359113	0.395265	-2.52995	0.336105	0.685782	-1.45819	0.272845	0.647899	-1.54345	0.455223	1.33543	1.33543	0.0387331	0.4024	-2.48509	0.761127	0.890515	-1.12295	0.0379674	0.400505	-2.49685	0.0568108	0.440504	-2.27013	0.880932	0.944592	-1.05866	2.37932	5.45008	2.03609	1
cg24420680	LMO2;LMO2;LMO2	0.118246	0.17365	0.63369	-1.57806	0.156321	0.620094	-1.61266	0.829918	1.07014	1.07014	0.436402	0.778631	-1.28431	0.363895	1.34185	1.34185	0.154723	0.618789	-1.61606	0.0913913	1.79653	1.79653	0.117733	0.585446	-1.7081	0.0383874	0.469496	-2.12994	2.37931	3.74247	1.39815	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23009529	NOS1AP;NOS1AP;NOS1AP;NOS1AP	0.118246	0.641341	0.953002	-1.04932	0.156247	1.1684	1.1684	0.355137	1.10253	1.10253	0.318664	1.11155	1.11155	0.44677	1.08282	1.08282	0.456221	1.08098	1.08098	0.0129673	0.728755	-1.3722	0.10448	1.19973	1.19973	0.408059	1.09071	1.09071	2.37931	0.396762	0.148226	1
cg12082325	PIN1	0.118247	0.487862	1.14353	1.14353	0.827673	0.959361	-1.04236	0.198586	0.772177	-1.29504	0.917261	1.01997	1.01997	0.153374	1.33767	1.33767	0.0257523	0.604126	-1.65528	0.0335383	0.623399	-1.60411	0.60049	0.904333	-1.10579	0.383417	1.18541	1.18541	2.37931	1.36467	0.50983	1
cg13997883	GNAL;GNAL;GNAL	0.118248	0.457754	0.900682	-1.11027	0.256653	1.17796	1.17796	0.0133395	0.654385	-1.52815	0.658703	0.94036	-1.06342	0.0333912	0.709	-1.41044	0.488253	0.907188	-1.10231	0.364631	1.13754	1.13754	0.942241	0.990026	-1.01007	0.255823	0.848662	-1.17833	2.3793	0.721115	0.269404	1
cg26794883	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.118249	0.110281	0.507876	-1.96898	0.383124	0.705986	-1.41646	0.764887	0.889802	-1.12385	0.376699	0.702485	-1.42352	0.0284633	0.36548	-2.73613	0.307716	0.66297	-1.50836	0.00647188	0.252063	-3.96726	0.173908	0.569418	-1.75618	0.317332	0.668721	-1.49539	2.37929	5.71045	2.13339	1
cg04111436	PPP1R8;PPP1R8;SCARNA1;PPP1R8	0.118252	0.900072	0.942	-1.06157	0.329764	0.6198	-1.61342	0.793335	1.13301	1.13301	0.213202	1.86542	1.86542	0.108385	0.434738	-2.30024	0.16268	0.492204	-2.03168	0.0134724	0.233409	-4.28433	0.469337	1.41924	1.41924	0.132968	0.46255	-2.16193	2.37926	8.52429	3.18466	1
cg04616447	GOLGA7;GOLGA7	0.118252	0.305454	0.788047	-1.26896	0.109674	1.47914	1.47914	0.110484	1.47759	1.47759	0.699036	1.09112	1.09112	0.0435684	0.593987	-1.68354	0.516878	1.15895	1.15895	0.0733228	0.638742	-1.56558	0.299481	0.78555	-1.27299	0.801172	0.944932	-1.05828	2.37926	1.89869	0.709349	1
cg01140006	GPR97	0.118258	0.0602236	1.99575	1.99575	0.106443	0.562847	-1.77668	0.221001	1.52114	1.52114	0.23814	0.668411	-1.49609	0.183356	1.58447	1.58447	0.159466	1.63258	1.63258	0.526737	0.811307	-1.23258	0.0967648	1.8119	1.8119	0.632121	0.854485	-1.1703	2.37921	4.00534	1.49642	1
cg14216196	HEATR2	0.118261	0.934854	1.01251	1.01251	0.846598	1.02989	1.02989	0.129723	1.28267	1.28267	0.777509	1.04403	1.04403	0.765401	0.955509	-1.04656	0.083376	1.33842	1.33842	0.00466448	1.77209	1.77209	0.607696	0.924271	-1.08193	0.531972	1.10107	1.10107	2.37918	0.871531	0.325614	1
cg08659494	ACSF3;ACSF3;ACSF3	0.118266	0.320775	1.45025	1.45025	0.218473	0.625604	-1.59846	0.628583	1.19319	1.19319	0.359037	1.4074	1.4074	0.671985	1.16688	1.16688	0.00849785	0.296066	-3.37763	0.0873877	0.504673	-1.98148	0.846883	0.932345	-1.07256	0.636782	0.841676	-1.18811	2.37914	4.94775	1.84857	1
cg05826596	GPATCH8	0.118268	0.114306	0.501053	-1.9958	0.510317	1.30821	1.30821	0.595611	1.24048	1.24048	0.0596714	0.425277	-2.35141	0.169619	0.555103	-1.80147	0.478394	0.748298	-1.33637	0.860848	0.931844	-1.07314	0.103069	2.04917	2.04917	0.0379752	0.379861	-2.63254	2.37912	6.09885	2.27866	1
cg05041382	KPNA3	0.118269	0.373107	0.712168	-1.40416	0.425454	1.35275	1.35275	0.108875	1.91389	1.91389	0.0410471	0.416766	-2.39943	0.205827	1.64124	1.64124	0.347408	0.698251	-1.43215	0.0727571	0.475618	-2.10253	0.197302	0.602919	-1.6586	0.795387	1.10128	1.10128	2.3791	5.19298	1.94022	1
cg06212361	SMYD2	0.11827	0.100477	0.469192	-2.13132	0.221478	0.582471	-1.71682	0.0704727	0.427309	-2.34023	0.113641	0.484833	-2.06256	0.0280264	0.335712	-2.97874	0.207046	0.571429	-1.75	0.0381851	0.364068	-2.74674	0.721536	0.860269	-1.16243	0.0370109	0.361106	-2.76927	2.3791	6.66462	2.49007	1
cg27417926	CALY	0.118271	0.321285	0.850525	-1.17574	0.023606	0.652428	-1.53274	0.290058	0.840723	-1.18945	0.0117159	0.608006	-1.64472	0.615494	0.923106	-1.0833	0.0358406	0.679892	-1.47082	0.857745	0.97205	-1.02875	0.349446	0.858832	-1.16437	0.544284	0.907588	-1.10182	2.37909	0.940615	0.351438	1
cg26898064	ZNF643	0.118272	0.98333	0.997344	-1.00266	0.682843	1.05368	1.05368	0.461045	0.908903	-1.10023	0.735937	1.04402	1.04402	0.19136	1.19252	1.19252	0.942575	0.990873	-1.00921	0.00450959	0.617669	-1.61899	0.820845	0.971542	-1.02929	0.308333	1.14363	1.14363	2.37908	0.61042	0.22807	1
cg13831540	MESTIT1;MEST	0.118273	0.428571	1.75751	1.75751	0.0645786	0.23491	-4.25696	0.2188	0.405583	-2.46558	0.0281809	6.10098	6.10098	0.524774	0.63782	-1.56784	0.695739	1.31552	1.31552	0.910156	1.08195	1.08195	0.282373	2.18024	2.18024	0.0949068	3.59863	3.59863	2.37908	18.3437	6.85373	1
cg09810078	DDR1;DDR1;DDR1	0.118273	0.300136	1.59213	1.59213	0.393156	1.46065	1.46065	0.0824624	0.434678	-2.30056	0.376989	0.675257	-1.48092	0.595433	1.26127	1.26127	0.80902	1.11058	1.11058	0.0194369	3.40005	3.40005	0.0952374	2.21219	2.21219	0.402517	0.689986	-1.4493	2.37907	7.06891	2.64115	1
cg10651306	PKIB;SERINC1	0.118273	0.148604	0.762271	-1.31187	0.0853526	1.39548	1.39548	0.848448	0.967036	-1.03409	0.138096	1.32281	1.32281	0.712087	0.937116	-1.0671	0.921005	1.01753	1.01753	0.0156017	0.594812	-1.6812	0.354501	0.846289	-1.18163	0.907108	0.979755	-1.02066	2.37907	1.15669	0.432172	1
cg14163229	APBB1;APBB1	0.118277	0.8872	1.12653	1.12653	0.327402	2.33655	2.33655	0.0628519	5.79447	5.79447	0.360232	0.454026	-2.20252	0.00884731	0.060969	-16.4018	0.575566	0.621988	-1.60775	0.666679	1.43871	1.43871	0.829387	0.834308	-1.1986	0.66844	1.43574	1.43574	2.37904	26.551	9.92034	1
cg08504448	LDB1	0.118279	0.396627	1.11312	1.11312	0.886057	1.01786	1.01786	0.119083	0.811523	-1.23225	0.861987	1.02171	1.02171	0.276411	1.15001	1.15001	0.758519	1.0388	1.0388	0.0148041	0.690591	-1.44803	0.79716	1.03231	1.03231	0.0728451	1.28024	1.28024	2.37902	0.574298	0.214578	1
cg22473613	GSK3A	0.118279	0.293385	0.650167	-1.53807	0.124161	0.518071	-1.93024	0.23213	0.609585	-1.64046	0.178025	0.568185	-1.75999	0.00924318	0.271192	-3.68742	0.0218887	0.33743	-2.96358	0.158586	0.551415	-1.81352	0.375691	0.698298	-1.43205	0.184497	0.573509	-1.74365	2.37902	5.87856	2.19644	1
cg15779843	RPA3	0.118279	0.309523	1.68906	1.68906	0.0386509	0.303087	-3.29938	0.566077	0.74892	-1.33526	0.485341	1.42389	1.42389	0.0948993	0.400599	-2.49626	0.302232	1.70353	1.70353	0.474601	1.43682	1.43682	0.322941	0.601165	-1.66344	0.0414631	0.309754	-3.22837	2.37901	9.36063	3.49748	1
cg03683587	SHROOM4;SHROOM4	0.11828	0.415082	0.589726	-1.6957	0.0579028	0.25689	-3.89271	0.953007	0.963329	-1.03807	0.0307176	4.99755	4.99755	0.0912772	0.307585	-3.25113	0.10507	0.325382	-3.07331	0.756168	0.820815	-1.2183	0.650523	1.33526	1.33526	0.678702	1.30221	1.30221	2.37901	15.1418	5.65757	1
cg15747190	PTCD3;POLR1A	0.118286	0.762691	0.972757	-1.02801	0.60333	0.953311	-1.04898	0.0603134	1.21316	1.21316	0.474181	1.06864	1.06864	0.84119	1.01847	1.01847	0.0419911	0.807555	-1.23831	0.514769	0.941529	-1.0621	0.0526152	1.22259	1.22259	0.193386	0.882029	-1.13375	2.37896	0.313438	0.117115	1
cg18256252	RAD9A	0.118287	0.243042	0.675252	-1.48093	0.100152	0.560447	-1.78429	0.0418504	0.470513	-2.12534	0.697716	0.882093	-1.13367	0.0170387	0.392577	-2.54727	0.0455042	0.478441	-2.09012	0.0568528	0.500185	-1.99926	0.288893	0.701966	-1.42457	0.499997	0.802462	-1.24617	2.37895	3.89273	1.45451	1
cg12091594	ZHX2	0.118287	0.933546	1.01841	1.01841	0.990877	1.0025	1.0025	0.37609	0.819805	-1.2198	0.0722831	1.55077	1.55077	0.155222	1.39472	1.39472	0.0305923	0.573662	-1.74319	0.091235	1.50211	1.50211	0.323015	1.25018	1.25018	0.575418	0.883577	-1.13176	2.37894	1.80267	0.673563	1
cg18249027	DGKI	0.118289	0.208406	0.354067	-2.82432	0.0939561	0.236509	-4.22818	0.213562	0.358662	-2.78814	0.361846	0.480089	-2.08295	0.0871507	0.227921	-4.38748	0.211076	0.356452	-2.80543	0.0118949	0.0856269	-11.6786	0.411297	1.93038	1.93038	0.0848398	0.224934	-4.44574	2.37893	23.0921	8.62839	1
cg02878618	DKFZp686O24166	0.118289	0.329096	0.912242	-1.0962	0.0193937	0.772765	-1.29405	0.608774	0.954016	-1.0482	0.596391	1.04995	1.04995	0.116228	1.16844	1.16844	0.827708	1.02008	1.02008	0.155616	0.870619	-1.14861	0.109696	0.852981	-1.17236	0.299243	1.10308	1.10308	2.37893	0.313311	0.117069	1
cg13710586	RALGAPA1;RALGAPA1	0.118292	0.370803	1.18366	1.18366	0.232597	1.25817	1.25817	0.0807915	0.700993	-1.42655	0.561693	0.897938	-1.11366	0.711375	1.07057	1.07057	0.484152	0.877703	-1.13934	0.00912057	1.83626	1.83626	0.678473	0.926369	-1.07948	0.854526	0.966888	-1.03425	2.3789	1.26822	0.473878	1
cg00719332	CHTF18	0.118294	0.556983	1.34156	1.34156	0.0773924	0.378661	-2.64089	0.105011	0.416339	-2.40189	0.153425	0.469484	-2.13	0.12737	0.442418	-2.26031	0.319608	0.601246	-1.66321	0.151902	2.13684	2.13684	0.690922	1.21858	1.21858	0.0423911	0.31465	-3.17813	2.37889	9.21877	3.44467	1
cg16588417	MIR1246	0.118296	0.453969	1.29265	1.29265	0.208845	0.640292	-1.56179	0.00850487	0.32297	-3.09626	0.0797124	0.519723	-1.9241	0.816293	0.924675	-1.08146	0.208298	0.639912	-1.56272	0.209752	0.640921	-1.56025	0.0809905	0.521466	-1.91767	0.346584	0.721675	-1.38566	2.37887	4.26679	1.59433	1
cg05753693	MSRA;MSRA;MSRA	0.118302	0.822434	0.772617	-1.2943	0.00932032	44.054	44.054	0.119124	6.96724	6.96724	0.334896	3.13105	3.13105	0.161146	0.179488	-5.57141	0.248232	3.99629	3.99629	0.613407	1.79446	1.79446	0.126432	6.66972	6.66972	0.490696	2.23326	2.23326	2.37881	49.6274	18.5442	1
cg13904214	RBM33	0.118304	0.347367	1.24208	1.24208	0.949889	1.01418	1.01418	0.484548	0.852866	-1.17252	0.725135	1.08231	1.08231	0.269984	0.773092	-1.29351	0.300787	1.27154	1.27154	0.00763333	2.15649	2.15649	0.079864	1.54567	1.54567	0.64962	0.902603	-1.10791	2.37879	1.89126	0.70671	1
cg14671526	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.118306	0.348132	0.626098	-1.59719	0.0361063	3.25921	3.25921	0.0527772	0.343982	-2.90713	0.379211	1.54852	1.54852	0.823435	0.897331	-1.11442	0.137523	0.46057	-2.17122	0.123931	2.24263	2.24263	0.698073	1.208	1.208	0.817724	1.11841	1.11841	2.37877	8.85268	3.30803	1
cg18564888	C15orf60	0.118307	0.416873	1.26333	1.26333	0.638199	0.875087	-1.14274	0.00574808	0.360659	-2.7727	0.507734	1.20843	1.20843	0.456443	0.807611	-1.23822	0.492017	1.21726	1.21726	0.21398	1.44574	1.44574	0.770667	0.920952	-1.08583	0.382099	1.28729	1.28729	2.37877	2.99021	1.11737	1
cg01535312	MOCS1;MOCS1	0.118307	0.811656	0.860472	-1.16215	0.989541	1.00829	1.00829	0.511293	1.52102	1.52102	0.0755736	0.287881	-3.47366	0.0632487	0.268461	-3.72494	0.432982	0.604286	-1.65485	0.788231	1.18469	1.18469	0.00765981	0.115589	-8.65136	0.352623	0.547653	-1.82597	2.37877	14.9296	5.57882	1
cg23240927	TOLLIP	0.118307	0.605462	1.48174	1.48174	0.00479839	16.849	16.849	0.0298895	6.87628	6.87628	0.74812	1.27523	1.27523	0.962492	1.03612	1.03612	0.650934	1.41018	1.41018	0.582845	1.51978	1.51978	0.197345	2.79647	2.79647	0.910747	1.0883	1.0883	2.37876	21.4526	8.01635	1
cg04396251	KNDC1	0.118311	0.31461	2.39307	2.39307	0.00427116	24.7222	24.7222	0.118536	4.14492	4.14492	0.409319	2.03008	2.03008	0.337526	2.29252	2.29252	0.136345	3.84465	3.84465	0.289088	2.5178	2.5178	0.612574	0.651486	-1.53495	0.228903	2.88499	2.88499	2.37873	26.5258	9.91221	1
cg00791548	CAPN13	0.118312	0.216317	0.474992	-2.1053	0.00416649	0.111121	-8.99916	0.0631015	0.302364	-3.30728	0.320414	0.555747	-1.79938	0.143197	0.406485	-2.46011	0.356311	0.581081	-1.72093	0.158883	0.422486	-2.36694	0.460922	0.650828	-1.5365	0.358924	0.582891	-1.71559	2.37872	12.334	4.60901	1
cg16021896	GLB1L3	0.118313	0.283185	1.59065	1.59065	0.0268096	2.97981	2.97981	0.934596	1.03475	1.03475	0.329094	0.657531	-1.52084	0.258406	1.63372	1.63372	0.323936	1.52814	1.52814	0.642795	1.2146	1.2146	0.010953	3.7774	3.7774	0.228492	1.69233	1.69233	2.37871	6.52747	2.43922	1
cg09592121	DNAJC17	0.118315	0.0590176	0.448918	-2.22758	0.229561	0.62276	-1.60576	0.180871	0.586435	-1.70522	0.972917	0.987328	-1.01283	0.0204989	0.350379	-2.85406	0.187941	0.59206	-1.68902	0.0698579	0.466968	-2.14148	0.223615	1.61657	1.61657	0.790555	0.904843	-1.10516	2.37869	5.31622	1.98661	1
cg19815325	UST	0.118315	0.294857	1.56011	1.56011	0.223198	1.6887	1.6887	0.670192	0.839135	-1.1917	0.139798	1.91637	1.91637	0.0586499	0.417099	-2.39752	0.984462	1.008	1.008	0.191248	1.76204	1.76204	0.14782	1.88828	1.88828	0.0731939	0.441325	-2.2659	2.37869	6.31394	2.35945	1
cg14605150	GREM1	0.118316	0.97405	0.986097	-1.0141	0.437341	0.711057	-1.40636	0.0296251	0.332173	-3.01048	0.621985	0.807433	-1.23849	0.0380934	0.355339	-2.81421	0.439042	1.40451	1.40451	0.0632237	2.45768	2.45768	0.722494	0.857725	-1.16587	0.566052	1.28361	1.28361	2.37869	6.97868	2.60786	1
cg27180548	PHTF2;PHTF2;TMEM60	0.118316	0.568083	1.20273	1.20273	0.66859	0.871299	-1.14771	0.0208002	0.410576	-2.4356	0.0696939	1.91359	1.91359	0.944178	1.02266	1.02266	0.326741	1.38252	1.38252	?	?	?	0.432223	0.773813	-1.2923	0.148215	0.608845	-1.64246	2.40205	3.46097	1.44084	1
cg02432532	CDC42EP3	0.118316	0.558272	0.88572	-1.12903	0.474135	1.16092	1.16092	0.651596	0.911033	-1.09765	0.548972	1.13236	1.13236	0.753713	0.937521	-1.06664	0.250315	0.781732	-1.27921	0.00465511	0.462339	-2.16292	0.165977	0.738737	-1.35366	0.156334	0.732841	-1.36455	2.37868	1.58294	0.591527	1
cg21596238	VGLL4;VGLL4	0.118318	0.261135	1.38129	1.38129	0.886707	1.04007	1.04007	0.0328152	0.502479	-1.99013	0.49588	0.826476	-1.20996	0.0252963	0.48045	-2.08138	0.195071	0.685399	-1.459	0.814968	0.937429	-1.06675	0.655316	0.883522	-1.13183	0.162116	1.50896	1.50896	2.37867	2.86205	1.06952	1
cg13725579	SFXN1	0.11832	0.437885	0.827834	-1.20797	0.0518798	1.69587	1.69587	0.888096	1.03419	1.03419	0.200604	0.724137	-1.38095	0.258612	0.754701	-1.32503	0.740161	0.923609	-1.08271	0.022048	1.92635	1.92635	0.343824	0.792283	-1.26218	0.397379	0.813091	-1.22987	2.37865	2.14775	0.802601	1
cg24284910	SNX14;SNX14	0.118329	0.612107	0.840114	-1.19031	0.28346	0.684088	-1.4618	0.0886109	0.527297	-1.89646	0.333833	1.4044	1.4044	0.452596	0.77051	-1.29784	0.802871	1.08896	1.08896	0.00767845	0.31122	-3.21316	0.13471	0.577272	-1.73229	0.17152	0.608984	-1.64208	2.37857	4.37282	1.63416	1
cg26842622	OSBP2	0.118335	0.321245	0.625751	-1.59808	0.151828	2.01854	2.01854	0.880299	0.933387	-1.07137	0.779675	0.879597	-1.13688	0.193246	0.532685	-1.87728	0.183304	0.524204	-1.90765	0.0206396	0.279387	-3.57927	0.206184	0.543357	-1.84041	0.131214	2.10741	2.10741	2.37851	7.88326	2.94611	1
cg16022595	NR1H2	0.118336	0.336213	1.32388	1.32388	0.600195	1.16141	1.16141	0.554064	1.18453	1.18453	0.424354	1.25967	1.25967	0.155096	0.650178	-1.53804	0.00434626	2.93948	2.93948	0.728462	0.906093	-1.10364	0.626938	1.14865	1.14865	0.79951	0.930522	-1.07467	2.3785	3.01578	1.12705	1
cg13495205	AJAP1;AJAP1	0.118338	0.417745	0.3556	-2.81215	0.144249	7.08858	7.08858	0.141484	7.20013	7.20013	0.63756	1.80851	1.80851	0.101024	0.106208	-9.4155	0.524696	2.23644	2.23644	0.167571	6.27562	6.27562	0.0340939	21.9286	21.9286	0.094867	9.89327	9.89327	2.37848	58.7263	21.9473	1
cg08736516	LOC285456;RPL34;RPL34;RPL34	0.118339	0.630662	1.07667	1.07667	0.00863684	1.66624	1.66624	0.277266	1.18804	1.18804	0.0405781	1.43418	1.43418	0.988308	0.997768	-1.00224	0.692023	1.06259	1.06259	0.764823	0.955282	-1.04681	0.213532	0.818948	-1.22108	0.795566	1.04039	1.04039	2.37847	0.875917	0.32735	1
cg10604476	ICAM5	0.118343	0.253687	0.236247	-4.23285	0.223202	4.7076	4.7076	0.0443039	16.384	16.384	0.0742836	11.1044	11.1044	0.276991	0.254466	-3.92979	0.308668	0.279331	-3.57998	0.133557	0.141038	-7.09028	0.468241	2.44325	2.44325	0.630917	0.556584	-1.79667	2.37844	55.1912	20.6265	1
cg00241650	ZNF746;ZNF746	0.118345	0.0260518	1.50854	1.50854	0.414559	0.87824	-1.13864	0.13456	1.28552	1.28552	0.795622	1.04124	1.04124	0.0651429	1.38036	1.38036	0.584401	1.08979	1.08979	0.0488437	1.41935	1.41935	0.0536465	1.40654	1.40654	0.358742	1.15825	1.15825	2.37842	0.912877	0.34117	1
cg25023709	CDH24;CDH24	0.118347	0.143857	0.456155	-2.19224	0.0917181	0.395298	-2.52974	0.913288	0.947009	-1.05596	0.341291	0.612535	-1.63256	0.350153	0.618351	-1.6172	0.228827	0.531918	-1.87999	0.00365635	0.140189	-7.13322	0.300271	0.584766	-1.71009	0.820877	0.892832	-1.12003	2.37841	9.41149	3.51738	1
cg03193322	FUT9	0.118348	0.856828	0.938873	-1.06511	0.470194	1.29252	1.29252	0.39837	0.739338	-1.35256	0.55426	1.23236	1.23236	0.145088	0.578952	-1.72726	0.349937	0.714591	-1.3994	0.439584	0.759332	-1.31695	0.00661919	3.42516	3.42516	0.927683	0.968792	-1.03221	2.3784	4.59508	1.71734	1
cg09289439	GTF2IRD1;GTF2IRD1	0.118348	0.113468	0.587785	-1.7013	0.633348	0.862196	-1.15983	0.0313666	0.458847	-2.17937	0.224903	0.674839	-1.48184	0.00744959	0.345338	-2.89571	0.838877	0.939118	-1.06483	0.949783	1.01962	1.01962	0.166079	0.634032	-1.57721	0.545539	0.827999	-1.20773	2.37839	3.58571	1.3401	1
cg25751371	TUBA1C	0.118348	0.739944	1.31314	1.31314	0.718259	0.743561	-1.34488	0.695134	0.724623	-1.38003	0.567503	1.60418	1.60418	0.0326353	0.129409	-7.72743	0.366852	2.13431	2.13431	0.0554207	5.90389	5.90389	0.181811	0.313773	-3.18701	0.0853156	4.73828	4.73828	2.37839	25.1939	9.41585	1
cg20518889	VAX2	0.118354	0.0827049	1.4662	1.4662	0.420625	1.17803	1.17803	0.935639	0.984046	-1.01621	0.0256947	0.589993	-1.69494	0.488742	0.869311	-1.15034	0.240966	1.27691	1.27691	0.377664	1.19753	1.19753	0.318277	1.22803	1.22803	0.0754238	1.48312	1.48312	2.37834	1.49369	0.558257	1
cg19933311	TRPC5	0.118354	0.614172	0.81148	-1.23232	0.7454	1.14327	1.14327	0.515504	0.762638	-1.31124	0.0455645	0.389775	-2.56558	0.0121366	0.276716	-3.61381	0.310929	1.53853	1.53853	0.320047	1.52538	1.52538	0.398624	1.42637	1.42637	0.942496	0.97079	-1.03009	2.37834	6.36108	2.37741	1
cg18194343	TSC22D1;TSC22D1	0.118355	0.113695	0.361977	-2.76261	0.127127	2.63029	2.63029	0.306528	0.554538	-1.8033	?	?	?	?	?	?	?	?	?	0.736484	1.19919	1.19919	0.443198	1.53408	1.53408	0.0414293	0.22499	-4.44464	3.58777	9.46306	1.75839	1
cg26949037	STX1B	0.118356	0.0925143	0.690349	-1.44854	0.36889	1.20288	1.20288	0.913681	0.978531	-1.02194	0.742012	1.06835	1.06835	0.489763	0.868984	-1.15077	0.115613	1.40825	1.40825	0.00970731	1.9248	1.9248	0.412942	1.18239	1.18239	0.909389	1.02305	1.02305	2.37832	1.50902	0.563991	1
cg02945866	PTPRN2;PTPRN2;PTPRN2	0.118358	0.79874	0.901748	-1.10896	0.115449	0.500228	-1.99909	0.059599	0.42294	-2.3644	0.00570083	0.230507	-4.33827	0.449874	0.732229	-1.36569	0.3499	0.677412	-1.47621	0.490593	0.753197	-1.32767	0.850195	0.926323	-1.07954	0.0798929	0.455392	-2.19591	2.3783	6.17122	2.30649	1
cg23573129	TBX1;TBX1;TBX1	0.118359	0.0623906	3.23327	3.23327	0.821975	1.13438	1.13438	0.554552	0.715747	-1.39714	0.153965	2.34882	2.34882	0.584541	1.36193	1.36193	0.235404	0.498711	-2.00517	0.199493	0.468423	-2.13482	0.0329312	4.0377	4.0377	?	?	?	2.40165	10.5829	4.40649	1
cg18989233	PGK1	0.11836	0.12587	1.80022	1.80022	0.825529	0.924623	-1.08152	0.567994	1.22737	1.22737	0.478854	0.774485	-1.29118	0.128338	0.557944	-1.79229	0.0225447	2.63723	2.63723	0.567927	1.22741	1.22741	0.0401001	2.32108	2.32108	0.765266	1.11214	1.11214	2.37829	4.74626	1.77392	1
cg07700266	UBXN7	0.118361	0.10455	1.32318	1.32318	0.752882	1.05112	1.05112	0.324385	0.851603	-1.17426	0.70742	0.942226	-1.06132	0.612435	0.922532	-1.08397	0.495498	1.11543	1.11543	0.0213401	1.5475	1.5475	0.0445988	1.43904	1.43904	0.280972	0.837888	-1.19348	2.37827	0.938355	0.350714	1
cg03227940	ZNF337	0.118363	0.211166	0.82446	-1.21291	0.173704	0.808902	-1.23624	0.895675	1.01941	1.01941	0.57873	0.921104	-1.08565	0.00403766	0.567887	-1.76091	0.618247	1.07639	1.07639	0.288589	0.850933	-1.17518	0.737366	1.05055	1.05055	0.242409	0.835886	-1.19633	2.37826	0.808684	0.30225	1
cg03845852	CDH18;CDH18	0.118363	0.350403	0.641648	-1.55849	0.00990913	4.50011	4.50011	0.324328	1.59982	1.59982	0.817729	0.89891	-1.11246	0.103542	0.439598	-2.27481	0.615031	0.79129	-1.26376	0.205374	0.539673	-1.85297	0.720947	1.18008	1.18008	0.704284	0.838588	-1.19248	2.37826	8.02736	3.00027	1
cg15259947	MTHFD1L	0.118363	0.202214	0.658103	-1.51952	0.0766436	1.84398	1.84398	0.0549375	0.508475	-1.96666	0.784346	1.08898	1.08898	0.672426	0.876209	-1.14128	0.0344561	0.464679	-2.15202	0.263374	1.43664	1.43664	0.789077	0.920062	-1.08688	0.360518	0.746695	-1.33924	2.37826	3.63689	1.35931	1
cg00658449	BEYLA;BEYLA	0.118367	0.0613829	0.283545	-3.52677	0.00969124	0.141271	-7.07858	0.188568	0.43471	-2.30039	0.508335	0.669469	-1.49372	0.119561	0.364197	-2.74577	0.341644	0.556579	-1.79669	0.50263	0.665747	-1.50207	0.0299816	0.217227	-4.60348	0.221052	0.463342	-2.15823	2.37823	13.4697	5.03446	1
cg00052772	B3GALT4	0.11837	0.740262	1.15006	1.15006	0.00475969	4.83191	4.83191	0.0729066	2.31803	2.31803	0.982222	1.00941	1.00941	0.247455	1.66227	1.66227	0.951335	1.02598	1.02598	0.20053	1.76512	1.76512	0.27291	1.61534	1.61534	0.632898	0.816902	-1.22414	2.37819	6.65223	2.48638	1
cg10262710	LOC399959	0.118371	0.0908108	2.10243	2.10243	0.0186927	3.11678	3.11678	0.195175	0.578971	-1.7272	0.319342	1.50752	1.50752	0.920402	0.960917	-1.04067	0.335721	1.48577	1.48577	0.62582	0.822006	-1.21654	0.257417	1.60226	1.60226	0.0584571	2.34612	2.34612	2.37819	5.99213	2.23966	1
cg22646726	MSRA;MSRA;MSRA	0.118371	0.653344	0.771688	-1.29586	0.143217	2.46428	2.46428	0.0324382	4.20192	4.20192	0.700277	1.24826	1.24826	0.017528	0.190644	-5.24537	0.913106	1.06458	1.06458	0.361498	1.71215	1.71215	0.933527	1.04899	1.04899	0.737896	1.21232	1.21232	2.37819	12.379	4.62688	1
cg03095087	TAPBP;TAPBP;TAPBP	0.118373	0.0320145	0.366427	-2.72905	0.693884	0.85378	-1.17126	0.293327	0.646856	-1.54594	0.596772	0.80786	-1.23784	0.0133848	0.294004	-3.40132	0.0451505	0.399116	-2.50553	0.0988575	0.485217	-2.06093	0.960183	0.980247	-1.02015	0.220297	0.597492	-1.67366	2.37817	6.01509	2.24826	1
cg04957628	SLC35D3	0.118376	0.511233	0.880534	-1.13567	0.508496	0.879786	-1.13664	0.894541	1.02565	1.02565	0.385991	1.18494	1.18494	0.192977	1.30091	1.30091	0.447366	0.862544	-1.15936	0.00620483	0.50593	-1.97656	0.446469	1.15971	1.15971	0.408497	1.17518	1.17518	2.37815	1.37324	0.513283	1
cg05116756	TP73;TP73;TP73;TP73	0.118376	0.117862	0.634242	-1.57669	0.0467743	0.543143	-1.84114	0.121391	0.63745	-1.56875	0.0804454	0.594577	-1.68187	0.0241402	0.486289	-2.05639	0.146912	0.658757	-1.51801	0.13511	0.649281	-1.54016	0.147881	0.65951	-1.51628	0.563652	1.16944	1.16944	2.37814	2.70778	1.0121	1
cg22262233	GABRG3	0.118376	0.513318	0.888486	-1.12551	0.0141098	1.71654	1.71654	0.443537	0.869938	-1.14951	0.0309355	1.57127	1.57127	0.23423	0.800592	-1.24908	0.623213	1.09234	1.09234	0.732164	0.940566	-1.06319	0.609437	1.09625	1.09625	0.877383	1.02792	1.02792	2.37814	1.19813	0.44783	1
cg18502630	PTGDS;PTGDS	0.118378	0.532259	1.32307	1.32307	0.015632	0.269382	-3.7122	0.120909	0.475063	-2.10499	0.928069	1.04077	1.04077	0.276161	1.65086	1.65086	0.549851	0.765095	-1.30703	0.222375	1.76386	1.76386	0.643796	0.813783	-1.22883	0.133775	2.04553	2.04553	2.37812	7.37626	2.75708	1
cg01321836	NRIP1	0.118381	0.371294	1.23049	1.23049	0.790645	0.941655	-1.06196	0.345809	1.24529	1.24529	0.347764	0.803782	-1.24412	0.202793	1.35498	1.35498	0.85452	0.959378	-1.04234	0.00612774	0.44569	-2.24371	0.35362	0.80603	-1.24065	0.770901	1.0682	1.0682	2.3781	1.92269	0.718667	1
cg23622514	SNORA42;KIAA0907	0.118382	0.929713	1.0179	1.0179	0.414377	1.18274	1.18274	0.134273	1.38376	1.38376	0.165557	1.34647	1.34647	0.697034	0.924318	-1.08188	0.99368	1.00159	1.00159	0.00668573	2.02931	2.02931	0.77283	0.943441	-1.05995	0.215629	0.769399	-1.29972	2.37809	1.52391	0.569609	1
cg10522062	GABRG1	0.118383	0.278858	0.621871	-1.60805	0.410123	1.42672	1.42672	0.0420359	0.372164	-2.68699	0.980782	0.989889	-1.01021	0.130424	0.502007	-1.992	0.479728	0.738515	-1.35407	0.00859655	0.243187	-4.11206	0.846342	1.0853	1.0853	0.437434	0.715913	-1.39682	2.37808	6.70398	2.50584	1
cg19491415	ARHGAP12	0.118383	0.0614586	0.769963	-1.29876	0.539102	0.925748	-1.08021	0.472317	0.913287	-1.09495	0.0571849	1.306	1.306	0.904161	1.01506	1.01506	0.288764	1.14641	1.14641	0.0585782	0.767118	-1.30358	0.104601	0.802438	-1.2462	0.572631	0.931709	-1.0733	2.37808	0.579821	0.216728	1
cg07832834	PANK4	0.118385	0.221934	0.806277	-1.24027	0.0349887	0.662249	-1.51001	0.838255	0.966297	-1.03488	0.930521	0.985479	-1.01473	0.00922058	0.574405	-1.74093	0.369885	0.856876	-1.16703	0.115923	0.750799	-1.33192	0.44496	1.13953	1.13953	0.481208	0.886838	-1.1276	2.37806	1.05969	0.396098	1
cg18525582	TNS1	0.118387	0.838953	0.9595	-1.04221	0.110549	0.70238	-1.42373	0.498163	0.869608	-1.14994	0.544804	0.882922	-1.1326	0.155091	0.734088	-1.36223	0.0204724	1.7636	1.7636	0.367554	0.828575	-1.20689	0.153664	1.3639	1.3639	0.287891	0.79918	-1.25128	2.37804	1.55457	0.581083	1
cg02434330	PYCARD;PYCARD	0.118387	0.358803	0.836898	-1.19489	0.00619756	0.509925	-1.96107	0.0466093	0.650521	-1.53723	0.328054	0.826545	-1.20986	0.0687419	0.680851	-1.46875	0.319276	0.823478	-1.21436	0.115458	0.724033	-1.38115	0.398969	0.849637	-1.17697	0.434052	0.86017	-1.16256	2.37804	1.34108	0.501282	1
cg06227920	CLPX	0.118387	0.167417	0.820816	-1.2183	0.122485	1.25178	1.25178	0.119559	1.25437	1.25437	0.201019	0.834269	-1.19865	0.498942	1.09647	1.09647	0.731598	0.954853	-1.04728	0.0273671	0.704525	-1.4194	0.233872	0.845813	-1.18229	0.951836	0.991928	-1.00814	2.37804	0.67807	0.253456	1
cg12996305	MNT	0.118389	0.76697	0.964054	-1.03729	0.989051	0.998311	-1.00169	0.642746	1.05923	1.05923	0.67989	1.05244	1.05244	0.0512791	1.31442	1.31442	0.381352	0.895292	-1.11695	0.00977221	0.66866	-1.49553	0.433947	1.10335	1.10335	0.456879	1.09783	1.09783	2.37803	0.571532	0.213634	1
cg01116491	BANK1;BANK1	0.118391	0.689734	0.902502	-1.10803	0.012651	0.452767	-2.20864	0.36104	0.786602	-1.27129	0.890314	0.965341	-1.0359	0.171601	1.45071	1.45071	0.418766	1.23517	1.23517	0.0990239	1.58777	1.58777	0.871522	1.04224	1.04224	0.247971	0.734357	-1.36173	2.37801	2.46129	0.920021	1
cg04913653	ZNF385D	0.118391	0.952596	0.970719	-1.03016	0.664369	1.24387	1.24387	0.0465436	3.12522	3.12522	0.345296	1.62562	1.62562	0.0156734	0.227471	-4.39617	0.674233	1.23533	1.23533	0.454182	0.6831	-1.46391	0.668756	1.24006	1.24006	0.176383	0.487492	-2.05132	2.37801	9.41119	3.51786	1
cg14099468	GNG4;GNG4	0.118394	0.89399	1.03952	1.03952	0.81631	1.06999	1.06999	0.806213	0.931037	-1.07407	0.758454	0.914229	-1.09382	0.0442522	0.510767	-1.95784	0.391166	1.29102	1.29102	0.018542	2.29356	2.29356	0.0674278	1.81441	1.81441	0.994373	0.997952	-1.00205	2.37798	3.18331	1.18992	1
cg11047295	HMGB1	0.118396	0.07667	0.706548	-1.41533	0.561068	1.10925	1.10925	0.392775	1.16701	1.16701	0.140075	0.755742	-1.3232	0.177083	1.288	1.288	0.978499	1.00477	1.00477	0.0302211	0.637929	-1.56757	0.0887867	0.718093	-1.39258	0.858623	0.969036	-1.03195	2.37796	1.17204	0.438113	1
cg09133979	ADCY9	0.118396	0.0937276	0.600682	-1.66478	0.114852	1.60664	1.60664	0.0549288	1.82562	1.82562	0.506921	0.830113	-1.20465	0.923299	1.02699	1.02699	0.69642	1.11452	1.11452	0.114173	0.621767	-1.60832	0.352712	0.767632	-1.30271	0.117752	0.625153	-1.59961	2.37796	2.87995	1.07653	1
cg19899539	CD99L2;CD99L2;CD99L2;CD99L2;CD99L2;CD99L2	0.118399	0.203957	0.521106	-1.91899	0.0985419	0.41448	-2.41266	0.794402	1.13538	1.13538	0.0125058	4.52904	4.52904	0.726316	0.842952	-1.18631	0.287994	0.584909	-1.70967	0.355901	1.58672	1.58672	0.320524	1.64708	1.64708	0.826161	1.11286	1.11286	2.37794	8.90127	3.32735	1
cg08494133	MAN2B2	0.1184	0.127446	0.166719	-5.99813	0.476868	2.19491	2.19491	0.100189	0.14119	-7.08264	0.706314	0.662696	-1.50899	0.0369166	0.0717841	-13.9307	0.145999	0.183348	-5.45411	0.0142345	0.0373851	-26.7486	0.261508	0.280083	-3.57037	0.315067	0.323321	-3.0929	2.37793	44.4899	16.6307	1
cg26812397	AHCY;AHCY	0.118401	0.112572	0.784107	-1.27534	0.991505	1.0015	1.0015	0.0272175	0.692122	-1.44483	0.0333738	0.704639	-1.41917	0.629706	0.933886	-1.0708	0.152123	0.805735	-1.2411	0.131549	1.2576	1.2576	0.635651	0.935009	-1.06951	0.905527	0.983422	-1.01686	2.37792	0.74659	0.279083	1
cg03709307	NEUROD2	0.118409	0.707866	0.884087	-1.13111	0.907203	1.0389	1.0389	0.448946	1.28729	1.28729	0.0466609	2.10759	2.10759	0.546059	1.22134	1.22134	0.0962877	1.8179	1.8179	0.803966	0.921828	-1.0848	0.00687251	3.14381	3.14381	0.903517	0.961088	-1.04049	2.37785	4.0339	1.50795	1
cg20918218	BUB1B;PAK6;PAK6;PAK6;PAK6	0.118409	0.134974	1.9298	1.9298	0.0883343	2.15364	2.15364	0.0533733	2.4481	2.4481	0.22693	1.67791	1.67791	0.179803	0.559221	-1.7882	0.697912	0.852887	-1.17249	0.338811	0.668818	-1.49518	0.181797	1.78289	1.78289	0.09216	2.13036	2.13036	2.37785	6.26823	2.3432	1
cg03388431	CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.118409	0.347014	0.58741	-1.70239	0.0876725	0.354965	-2.81718	0.370333	0.603238	-1.65772	0.578916	0.734911	-1.36071	0.00717206	0.148486	-6.73463	0.0841079	0.349925	-2.85775	0.416549	0.633689	-1.57806	0.469756	1.49789	1.49789	0.119245	0.394975	-2.5318	2.37784	11.3683	4.24972	1
cg09748960	BTNL2	0.118412	0.112883	0.349878	-2.85814	0.820697	0.870963	-1.14815	0.321141	0.535901	-1.86602	0.702925	1.26262	1.26262	0.0448743	0.246333	-4.05955	0.223714	0.459352	-2.17698	0.0290414	0.208898	-4.78702	0.0242966	0.195168	-5.12379	0.807936	1.15976	1.15976	2.37782	13.9477	5.21398	1
cg05877088	OLFM2	0.118412	0.678399	1.06942	1.06942	0.22069	0.81282	-1.23029	0.179393	1.25804	1.25804	0.615952	0.92182	-1.08481	0.839703	1.03314	1.03314	0.00998914	1.68809	1.68809	0.230497	0.816699	-1.22444	0.820675	0.964114	-1.03722	0.146619	1.28503	1.28503	2.37782	0.975726	0.364752	1
cg17633015	MAD1L1;MAD1L1;MAD1L1	0.118413	0.691007	0.705259	-1.41792	0.169746	3.59035	3.59035	0.0359632	8.43485	8.43485	0.35992	0.439261	-2.27655	0.0283619	0.104164	-9.60022	0.242105	0.343001	-2.91544	0.552465	0.591402	-1.6909	0.99335	1.00731	1.00731	0.377898	0.453511	-2.20502	2.37781	28.7666	10.7537	1
cg17595347	CAP1;CAP1	0.118416	0.712388	1.15204	1.15204	0.28063	0.651373	-1.53522	0.306563	0.667226	-1.49874	0.154131	1.79168	1.79168	0.875224	0.941701	-1.06191	0.0090815	0.281606	-3.55106	0.13222	0.537395	-1.86083	0.556371	0.796587	-1.25536	0.149895	0.554288	-1.80412	2.37778	5.50241	2.05697	1
cg11937241	PABPC4L	0.118421	0.0241267	0.165459	-6.04378	0.0246112	0.166847	-5.99352	0.354961	0.529092	-1.89003	0.0645397	0.249297	-4.01128	0.0663363	0.252164	-3.96568	0.778412	0.828017	-1.2077	0.114312	0.316933	-3.15525	0.261352	0.456753	-2.18937	0.1183	0.321594	-3.10951	2.37774	16.8535	6.30048	1
cg14244577	DDX19B;DDX19B;DDX19B	0.118421	0.995767	0.998681	-1.00132	0.49072	1.19032	1.19032	0.489075	0.839535	-1.19114	0.0642551	1.6778	1.6778	0.155339	0.684932	-1.46	0.980937	0.994071	-1.00596	0.0720024	0.606632	-1.64845	0.111687	0.64975	-1.53905	0.0882641	1.59701	1.59701	2.37774	2.33271	0.872055	1
cg18322589	TACC2;TACC2	0.118421	0.0970021	0.228922	-4.36831	0.0136675	11.8057	11.8057	0.332612	2.24564	2.24564	0.759899	0.780274	-1.2816	0.762846	1.27756	1.27756	0.341931	2.20911	2.20911	0.0833339	4.719	4.719	0.2242	2.81081	2.81081	0.764738	0.78433	-1.27497	2.37774	24.6716	9.2232	1
cg07850154	RNF180;RNF180	0.118424	0.983446	0.992186	-1.00788	0.276735	1.53381	1.53381	0.1277	1.86401	1.86401	0.495538	1.29908	1.29908	0.137449	0.546146	-1.83101	0.259418	0.640919	-1.56026	0.0117061	0.303933	-3.2902	0.848352	1.07507	1.07507	0.761297	0.891186	-1.1221	2.37771	5.38378	2.01268	1
cg03804272	PDE4D;PDE4D	0.118427	0.0372091	0.70732	-1.41379	0.200884	0.824146	-1.21338	0.213465	1.2063	1.2063	0.562653	1.08741	1.08741	0.0471426	1.38434	1.38434	0.902568	0.982619	-1.01769	0.419056	0.88851	-1.12548	0.165059	0.808949	-1.23617	0.388415	0.881124	-1.13491	2.37768	0.77188	0.288565	1
cg15906007	DDX17;DDX17	0.11843	0.248709	1.94139	1.94139	0.0184978	4.81536	4.81536	0.0245368	4.36574	4.36574	0.754782	1.18814	1.18814	0.697222	0.806441	-1.24002	0.660671	1.27514	1.27514	0.279691	0.538843	-1.85583	0.131455	2.44965	2.44965	0.873494	0.916062	-1.09163	2.37765	11.3997	4.26178	1
cg02735133	PALB2;DCTN5	0.118431	0.531044	0.877159	-1.14004	0.97918	0.994624	-1.0054	0.700804	0.92335	-1.08301	0.344159	0.817687	-1.22296	0.267631	1.26938	1.26938	0.399908	0.836948	-1.19482	0.0385997	0.609652	-1.64028	0.0105337	0.514401	-1.94401	0.398237	1.19561	1.19561	2.37765	1.60664	0.600646	1
cg02766207	RBP2	0.118431	0.031134	0.244296	-4.09339	0.056772	0.300801	-3.32445	0.128317	0.400165	-2.49897	0.847179	0.89808	-1.11349	0.0145478	0.186953	-5.34894	0.400919	0.619386	-1.6145	0.236804	0.501287	-1.99486	0.329539	0.57085	-1.75177	0.0802963	0.339268	-2.94752	2.37765	11.689	4.36997	1
cg03991126	CNKSR3	0.118431	0.107203	0.791536	-1.26337	0.169971	0.823384	-1.2145	0.0745733	0.7679	-1.30225	0.494194	0.91183	-1.0967	0.317056	0.871523	-1.14742	0.197343	0.83428	-1.19864	0.0476781	0.740016	-1.35132	0.0888933	1.28336	1.28336	0.514328	1.0919	1.0919	2.37765	0.665635	0.248849	1
cg13224723	PAOX;PAOX;PAOX	0.118432	0.282889	1.79823	1.79823	0.0381749	0.28264	-3.53807	0.875335	1.08607	1.08607	0.820511	0.887351	-1.12695	0.357673	0.608068	-1.64455	0.998687	1.00087	1.00087	0.00722676	0.161548	-6.1901	0.752523	0.846744	-1.18099	0.446368	0.664848	-1.5041	2.37764	10.4149	3.89365	1
cg09906941	NEDD8;GMPR2;GMPR2;GMPR2;GMPR2	0.118433	0.0412758	0.695222	-1.43839	0.355892	0.863603	-1.15794	0.546461	1.09883	1.09883	0.861274	1.02738	1.02738	0.020921	1.5359	1.5359	0.83202	0.967732	-1.03334	0.1343	0.779323	-1.28316	0.482575	0.895654	-1.1165	0.486887	1.11526	1.11526	2.37763	0.897925	0.335693	1
cg08033845	MGC23270	0.118433	0.0598201	0.631695	-1.58304	0.876179	1.0343	1.0343	0.334175	1.24041	1.24041	0.125697	0.698776	-1.43107	0.614859	0.896072	-1.11598	0.200978	1.33928	1.33928	0.0300346	1.73674	1.73674	0.638406	1.1078	1.1078	0.331383	0.805115	-1.24206	2.37763	1.76176	0.658643	1
cg15858483	CTCFL	0.118436	0.070203	0.577003	-1.73309	0.379883	1.27728	1.27728	0.0418998	0.528849	-1.8909	0.329562	0.760811	-1.31439	0.779438	0.92656	-1.07926	0.499956	0.830248	-1.20446	0.0553554	0.55429	-1.80411	0.0320488	0.505424	-1.97854	0.119642	0.632059	-1.58213	2.3776	2.7795	1.03914	1
cg05680424	BPGM;BPGM;BPGM;BPGM	0.11844	0.885768	1.01832	1.01832	0.325915	1.13664	1.13664	0.0372646	1.357	1.357	0.21858	1.1775	1.1775	0.29169	1.14814	1.14814	0.0175946	0.694386	-1.44012	0.941201	0.990729	-1.00936	0.740811	0.958952	-1.0428	0.486719	1.09333	1.09333	2.37757	0.600354	0.224452	1
cg02438576	PLXNA3	0.118441	0.313792	0.452053	-2.21213	0.606562	0.673074	-1.48572	0.832902	0.851278	-1.1747	0.0807898	0.228612	-4.37422	0.0272558	0.136528	-7.3245	0.0889511	4.1777	4.1777	0.0434083	0.170285	-5.87251	0.818457	0.839273	-1.19151	0.813033	0.834793	-1.1979	2.37756	21.871	8.17684	1
cg26272614	CEP164;CEP164	0.118441	0.203702	0.549449	-1.82001	0.801453	0.89362	-1.11904	0.431725	1.43074	1.43074	0.030449	0.321304	-3.11232	0.87104	1.07522	1.07522	0.19759	0.544469	-1.83665	0.0128011	0.251531	-3.97566	0.622235	1.24816	1.24816	0.806999	1.11545	1.11545	2.37755	7.5029	2.80509	1
cg24033330	MAFB	0.118442	0.396615	2.80335	2.80335	0.585775	0.52096	-1.91953	0.791369	1.36863	1.36863	0.0122566	45.8084	45.8084	0.363846	3.0306	3.0306	0.334784	3.26261	3.26261	?	?	?	0.0429149	16.7539	16.7539	0.0727192	11.132	11.132	2.53908	48.9898	16.8825	1
cg14776195	DEFB118	0.118443	0.197594	0.462494	-2.16219	0.0849321	0.340063	-2.94063	0.372395	0.595407	-1.67952	0.41616	1.60084	1.60084	0.0287784	0.232218	-4.3063	0.447894	0.645366	-1.54951	0.0187027	0.199182	-5.02054	0.575847	1.37717	1.37717	0.372327	0.595361	-1.67965	2.37754	12.0713	4.51308	1
cg22346429	EP400	0.118445	0.323044	1.27901	1.27901	0.047892	0.579673	-1.72511	0.184567	0.712279	-1.40394	0.926264	1.02257	1.02257	0.614129	1.13039	1.13039	0.161647	0.697455	-1.43378	0.0315751	1.83628	1.83628	0.483224	0.842157	-1.18743	0.433633	1.21243	1.21243	2.37752	2.18858	0.81825	1
cg17152757	GHSR;GHSR	0.118448	0.96476	0.973063	-1.02768	0.699124	1.27131	1.27131	0.363869	1.78022	1.78022	0.378561	0.572138	-1.74783	0.645152	0.750811	-1.33189	0.60712	0.72574	-1.3779	0.773201	0.836444	-1.19554	0.0031721	12.0749	12.0749	0.752519	1.21594	1.21594	2.3775	14.3844	5.37796	1
cg25187463	DDX11;DDX11;DDX11	0.118449	0.0823537	0.775405	-1.28965	0.558157	0.924705	-1.08143	0.64983	1.06228	1.06228	0.176814	0.827145	-1.20898	0.21501	0.841537	-1.1883	0.0217164	1.43939	1.43939	0.327038	0.874813	-1.1431	0.870034	1.02188	1.02188	0.232152	1.18014	1.18014	2.37748	0.657919	0.245982	1
cg02312525	MLC1	0.11845	0.282281	1.14573	1.14573	0.0746542	0.785227	-1.27352	0.0591359	0.771475	-1.29622	0.933752	1.01017	1.01017	0.44689	1.09899	1.09899	0.296147	0.876427	-1.141	0.0673689	1.28348	1.28348	0.127839	0.818362	-1.22195	0.833251	1.026	1.026	2.37748	0.558246	0.208716	1
cg19827555	PKIB	0.11845	0.0123158	0.118283	-8.45432	0.104476	0.296584	-3.37172	0.197804	0.393662	-2.54025	0.928521	0.940401	-1.06338	0.589605	0.688693	-1.45203	0.776641	1.21507	1.21507	0.0175589	0.138186	-7.23661	0.69241	0.761622	-1.31299	0.298373	0.47795	-2.09227	2.37748	17.6615	6.60324	1
cg06850924	ZC3HC1	0.11845	0.306632	1.12474	1.12474	0.407747	1.09862	1.09862	0.0782	1.24276	1.24276	0.812575	1.02673	1.02673	0.244945	1.14464	1.14464	0.0905962	1.2301	1.2301	0.0379116	0.76541	-1.30649	0.165859	1.17837	1.17837	0.113402	1.21087	1.21087	2.37748	0.464521	0.173675	1
cg08578305	KRAS;KRAS	0.118452	0.504498	0.715301	-1.39801	0.130824	0.446151	-2.2414	0.829676	1.11246	1.11246	0.727704	1.18877	1.18877	?	?	?	0.00832214	0.188526	-5.3043	0.762821	0.860942	-1.16152	0.12516	0.439936	-2.27306	?	?	?	2.42956	7.32441	3.44537	1
cg02399826	SPOCK1	0.118452	0.279238	0.631433	-1.5837	0.0700389	0.437003	-2.28832	0.0085257	0.253624	-3.94285	0.596869	1.24377	1.24377	0.121107	0.503107	-1.98765	0.950077	1.02592	1.02592	0.0932425	0.470189	-2.12681	0.484194	0.74785	-1.33717	0.905022	1.04999	1.04999	2.37746	6.28929	2.35145	1
cg11123493	C5orf13;C5orf13	0.118453	0.0563284	0.259503	-3.85353	0.0536054	0.254565	-3.92828	0.0839107	0.303034	-3.29996	0.426047	0.60208	-1.66091	0.0143253	0.151834	-6.58614	0.151221	0.382874	-2.61183	0.0928513	0.315297	-3.17162	0.266988	0.485832	-2.05832	0.117148	0.345606	-2.89347	2.37745	14.6721	5.48564	1
cg04094751	HSPA12B	0.118455	0.0812931	0.228765	-4.3713	0.059862	5.05653	5.05653	0.375365	2.00263	2.00263	0.359496	0.487169	-2.05267	0.566438	0.642527	-1.55636	0.679716	0.728417	-1.37284	0.16458	0.322443	-3.10132	0.043593	5.87689	5.87689	0.832313	1.17568	1.17568	2.37744	21.9381	8.20234	1
cg20706192	CBX3;HNRNPA2B1;CBX3;HNRNPA2B1	0.118455	0.532313	1.07311	1.07311	0.0130754	0.709339	-1.40976	0.637604	1.05436	1.05436	0.262164	1.13932	1.13932	0.310622	1.12416	1.12416	0.264821	1.13843	1.13843	0.491689	1.08103	1.08103	0.563315	1.06736	1.06736	0.0568061	1.27189	1.27189	2.37743	0.468629	0.175214	1
cg27478485	CD4;CD4	0.118455	0.0733334	0.300979	-3.32249	0.0542392	0.26886	-3.71941	0.0375671	0.234397	-4.26627	0.189077	0.433184	-2.30849	0.0220676	0.191905	-5.21091	0.23942	0.476743	-2.09757	0.113985	0.355614	-2.81204	0.898122	1.08007	1.08007	0.184059	0.42856	-2.3334	2.37743	13.6141	5.09013	1
cg21821103	WDR8	0.118458	0.991851	0.997171	-1.00284	0.503773	1.20711	1.20711	0.816803	0.93765	-1.0665	0.442189	0.804608	-1.24284	0.00457673	0.350862	-2.85012	0.074558	0.576301	-1.7352	0.647659	1.13616	1.13616	0.810664	0.935583	-1.06885	0.289815	0.737268	-1.35636	2.37741	2.89809	1.08357	1
cg03835987	ELOVL6;ELOVL6	0.118458	0.0312825	2.77696	2.77696	0.0865352	0.465177	-2.14972	0.0203963	3.09507	3.09507	0.587154	1.24809	1.24809	0.945995	1.02776	1.02776	0.562979	0.789469	-1.26667	0.833149	0.91826	-1.08902	0.740964	0.874501	-1.14351	0.789731	1.11409	1.11409	2.3774	6.15257	2.30039	1
cg14645124	DCAF7	0.118462	0.0245628	0.142154	-7.03461	0.755468	0.796454	-1.25556	0.780531	0.815887	-1.22566	0.623828	0.697614	-1.43346	0.0427126	0.182781	-5.47102	0.372315	0.513118	-1.94887	0.0460063	0.189028	-5.29022	0.412647	0.543255	-1.84076	0.0223294	0.136083	-7.34847	2.37737	19.9816	7.47104	1
cg01552711	IL17D	0.118462	0.229595	0.427072	-2.34152	0.0379318	5.07463	5.07463	0.0591861	4.21119	4.21119	0.164538	2.72061	2.72061	0.127251	0.328551	-3.04367	0.770999	1.21772	1.21772	0.651471	1.35921	1.35921	0.141532	2.90641	2.90641	0.888625	0.909764	-1.09919	2.37736	17.1503	6.41245	1
cg11773920	PRKDC;PRKDC	0.118463	0.881862	1.03316	1.03316	0.325097	0.800187	-1.24971	0.0718855	1.55392	1.55392	0.542908	1.14465	1.14465	0.0702274	0.641484	-1.55889	0.109196	0.681695	-1.46693	0.2756	0.779729	-1.2825	0.0833874	1.52262	1.52262	0.475478	1.17256	1.17256	2.37736	1.81194	0.67748	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01460557	PPP2CA	0.118466	0.422193	1.19713	1.19713	0.0580612	0.624925	-1.60019	0.104111	0.677091	-1.47691	0.760058	1.06954	1.06954	0.396643	1.20984	1.20984	0.202856	1.34316	1.34316	0.0243877	1.8016	1.8016	0.657359	1.10293	1.10293	0.931737	1.01898	1.01898	2.37733	1.81334	0.678011	1
cg09790829	BACH2;BACH2	0.118466	0.672618	0.824733	-1.21251	0.0279721	3.24531	3.24531	0.171157	1.93599	1.93599	0.711018	1.18379	1.18379	0.020837	0.283353	-3.52917	0.529859	1.33448	1.33448	0.414861	0.685316	-1.45918	0.670102	1.21444	1.21444	0.987731	0.993053	-1.007	2.37733	7.73943	2.89379	1
cg11648286	GLUD1;FAM35A	0.118468	0.527319	1.08447	1.08447	0.563146	0.928657	-1.07682	0.0748102	1.28565	1.28565	0.574992	1.07437	1.07437	0.178022	1.19868	1.19868	0.861011	0.978054	-1.02244	0.021464	0.704812	-1.41882	0.769048	0.963405	-1.03799	0.0826771	1.27552	1.27552	2.37732	0.60366	0.225711	1
cg03900565	PPFIA4	0.118469	0.0372065	0.132251	-7.56136	0.149865	3.63756	3.63756	0.590308	1.57558	1.57558	0.250109	0.365942	-2.73267	0.0465679	0.148611	-6.72896	0.160761	0.285617	-3.50119	0.129607	0.254199	-3.93393	0.809695	0.817259	-1.2236	0.175523	0.29972	-3.33645	2.37731	26.3418	9.84935	1
cg16848490	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.118472	0.73507	0.939743	-1.06412	0.869526	1.03054	1.03054	0.0581151	0.67578	-1.47977	0.243176	1.25041	1.25041	0.515452	0.886323	-1.12826	0.903109	1.02253	1.02253	0.0300041	0.626815	-1.59537	0.0227756	0.607315	-1.64659	0.886595	1.02646	1.02646	2.37728	1.26067	0.471376	1
cg01237326	TRAPPC4	0.118472	0.165796	0.721661	-1.38569	0.747069	1.07403	1.07403	0.679403	0.912359	-1.09606	0.689356	0.915136	-1.09273	0.0800301	0.651374	-1.53522	0.593591	0.887914	-1.12624	0.0059784	0.452447	-2.2102	0.306746	1.26306	1.26306	0.370595	0.816342	-1.22498	2.37728	1.83403	0.685763	1
cg24665647	WTAP;WTAP;WTAP	0.118474	0.662379	1.10347	1.10347	0.603047	1.12477	1.12477	0.507526	1.16262	1.16262	0.708438	0.919259	-1.08783	0.622596	1.11759	1.11759	0.0415491	0.590569	-1.69328	0.534436	1.15143	1.15143	0.00917217	2.09913	2.09913	0.564465	0.877612	-1.13946	2.37726	1.89102	0.707076	1
cg16427420	CYGB	0.118475	0.159809	0.430983	-2.32028	0.0210208	0.211075	-4.73765	0.0445615	0.274577	-3.64197	0.256802	0.515184	-1.94105	0.0462484	0.27815	-3.59519	0.230124	0.493844	-2.02493	0.132508	0.402675	-2.48339	0.0415248	0.267914	-3.73254	0.202165	0.470193	-2.12678	2.37726	11.8227	4.42068	1
cg07797372	ROR1;ROR1	0.118477	0.0186581	0.207692	-4.81483	0.0402422	0.27081	-3.69263	0.22063	0.491734	-2.03362	0.487207	1.47565	1.47565	0.263935	0.526296	-1.90007	0.630949	0.765823	-1.30579	0.0541733	0.299819	-3.33534	0.133089	0.409332	-2.44301	0.162469	0.43955	-2.27505	2.37723	11.4398	4.27754	1
cg01565965	PEX16;PEX16;PEX16;PEX16	0.118479	0.671771	1.11827	1.11827	0.944264	0.981829	-1.01851	0.814263	1.06367	1.06367	0.0925166	0.615349	-1.62509	0.142333	0.661223	-1.51235	0.0186727	0.473452	-2.11215	0.702224	1.106	1.106	0.171794	1.46451	1.46451	0.194661	1.43308	1.43308	2.37721	2.58992	0.968423	1
cg21155787	RBM41;RBM41	0.118483	0.585255	1.49358	1.49358	0.973058	0.975714	-1.02489	0.753832	0.795317	-1.25736	0.0276502	6.65597	6.65597	0.852059	1.14558	1.14558	0.470196	1.70716	1.70716	0.57308	1.51366	1.51366	0.0114985	0.100117	-9.98834	0.710555	1.31176	1.31176	2.37718	19.953	7.46093	1
cg02804114	RNF166	0.118484	0.0799793	0.340184	-2.93959	0.370554	0.600275	-1.6659	0.949239	0.965279	-1.03597	0.259935	0.52087	-1.91986	0.0118245	0.174707	-5.72385	0.729476	0.824737	-1.21251	0.780785	1.16748	1.16748	0.657153	1.28139	1.28139	0.0275595	0.235427	-4.2476	2.37718	11.5989	4.33713	1
cg11820021	ARHGEF16	0.118486	0.0637862	0.30269	-3.30371	0.204919	0.464359	-2.15351	0.250217	0.502026	-1.99193	0.0957849	0.350209	-2.85544	0.0774464	0.324436	-3.08227	0.218512	0.476035	-2.10069	0.0299183	0.231074	-4.32762	0.0252485	0.217422	-4.59934	0.0759356	0.322154	-3.1041	2.37716	12.3831	4.63039	1
cg15992935	IL20RA	0.118488	0.22864	1.84511	1.84511	0.0696007	0.373857	-2.67482	0.947508	0.968584	-1.03244	0.0803466	2.56107	2.56107	0.562086	1.32867	1.32867	0.306948	1.66988	1.66988	0.0267925	0.280304	-3.56756	0.911159	0.947327	-1.0556	0.611357	0.78002	-1.28202	2.37714	8.8488	3.30885	1
cg09942736	ITGA7;ITGA7;ITGA7	0.118491	0.765537	1.05912	1.05912	0.309896	1.22363	1.22363	0.491762	0.874486	-1.14353	0.975607	1.00589	1.00589	0.00819061	0.522137	-1.9152	0.796662	1.05085	1.05085	0.142245	1.35393	1.35393	0.124302	0.726405	-1.37664	0.798681	0.952096	-1.05031	2.3771	1.38887	0.519351	1
cg17740349	SLITRK4	0.118493	0.0603036	0.373552	-2.677	0.528437	0.743165	-1.3456	0.638904	0.802794	-1.24565	0.587313	0.775155	-1.29006	0.0187967	0.266329	-3.75476	0.276876	0.591182	-1.69153	0.00965753	0.218253	-4.58184	0.384337	0.66063	-1.51371	0.737716	0.855383	-1.16907	2.37709	8.13239	3.04103	1
cg09941876	FOXRED1;SRPR	0.118495	0.129185	0.351766	-2.8428	0.435223	1.66082	1.66082	0.58834	1.41655	1.41655	0.231931	0.449816	-2.22313	0.0920725	0.306765	-3.25982	0.091076	0.305431	-3.27407	0.0288027	0.193409	-5.17039	0.066718	0.269814	-3.70626	0.148375	0.372354	-2.68562	2.37707	15.2876	5.71669	1
cg15999356	YAP1;YAP1	0.118498	0.104075	0.429848	-2.3264	0.0288662	0.293966	-3.40175	0.022822	0.274099	-3.64831	0.909758	1.05535	1.05535	0.0690508	0.380392	-2.62886	0.110284	0.43741	-2.28619	0.352675	0.63484	-1.5752	0.0882139	0.409096	-2.44442	0.611614	0.784045	-1.27544	2.37705	8.49808	3.17783	1
cg09692677	PHF20	0.118498	0.182997	0.404546	-2.4719	0.122148	0.341961	-2.92431	0.699376	1.28214	1.28214	0.00790211	0.112803	-8.86503	0.688186	0.772298	-1.29484	?	?	?	0.771083	1.20546	1.20546	0.473514	1.59506	1.59506	0.575076	1.4373	1.4373	2.40037	13.8623	5.77505	1
cg04607100	CASP9;CASP9;CASP9;CASP9	0.118499	0.381754	0.600108	-1.66637	0.488019	1.49337	1.49337	0.882452	1.08787	1.08787	0.836419	0.888972	-1.12489	0.348815	0.577506	-1.73158	0.00855244	0.148135	-6.75062	0.988381	0.991745	-1.00832	0.673858	1.27246	1.27246	0.0581576	3.38327	3.38327	2.37703	12.1986	4.56167	1
cg07260605	ZRANB1	0.118501	0.183666	0.760244	-1.31537	0.676057	1.08509	1.08509	0.104189	0.70807	-1.41229	0.508845	0.877887	-1.1391	0.00532907	0.489962	-2.04097	0.550484	1.12455	1.12455	0.528905	0.883407	-1.13198	0.172552	0.754182	-1.32594	0.951096	1.01199	1.01199	2.37702	1.4217	0.531647	1
cg06211164	HYAL2;HYAL2	0.118501	0.752687	1.04575	1.04575	0.442428	0.895086	-1.11721	0.529966	1.09422	1.09422	0.61735	0.931198	-1.07389	0.737424	1.04877	1.04877	0.513282	0.910442	-1.09837	0.00320478	0.565883	-1.76715	0.256728	0.845756	-1.18237	0.653248	1.06609	1.06609	2.37702	0.753975	0.28195	1
cg15680660	XYLB	0.118504	0.476805	0.805747	-1.24108	0.353184	1.33006	1.33006	0.107737	1.68886	1.68886	0.385322	1.30439	1.30439	0.379592	0.764052	-1.30881	0.0182555	0.425096	-2.35241	0.0678106	0.542932	-1.84185	0.977499	1.00846	1.00846	0.661815	0.876856	-1.14044	2.37699	3.35591	1.25496	1
cg09171112	ODZ2	0.118506	0.0188234	0.336346	-2.97313	0.548563	0.792603	-1.26167	0.9789	1.01018	1.01018	0.0480402	0.420924	-2.37573	0.0272125	0.367587	-2.72044	0.808228	1.09758	1.09758	0.725877	0.873905	-1.14429	0.683542	1.16991	1.16991	0.149208	0.553101	-1.80799	2.37698	5.51926	2.06397	1
cg03675083	CPN2	0.11851	0.0249681	9.85289	9.85289	0.481758	0.541616	-1.84633	0.452019	1.92916	1.92916	0.330029	0.422308	-2.36794	0.0675014	0.1726	-5.79373	0.6101	1.55433	1.55433	0.095487	4.80968	4.80968	0.217201	3.04478	3.04478	0.789544	1.25786	1.25786	2.37694	27.6864	10.3537	1
cg22028624	CTTN;CTTN	0.118511	0.867164	1.0452	1.0452	0.469205	0.82327	-1.21467	0.0656128	0.579453	-1.72576	0.609258	0.872715	-1.14585	0.0237122	0.490132	-2.04027	0.124977	0.64494	-1.55053	0.422603	1.2415	1.2415	0.111964	1.57949	1.57949	0.567474	1.16489	1.16489	2.37693	2.62562	0.981893	1
cg00155504	EXOSC10;EXOSC10	0.118512	0.670582	0.937702	-1.06644	0.0680313	1.35966	1.35966	0.256931	1.19468	1.19468	0.939973	0.988742	-1.01139	0.340068	1.1593	1.1593	0.121905	0.777196	-1.28668	0.155707	0.79584	-1.25653	0.0514535	1.39562	1.39562	0.154314	1.25764	1.25764	2.37692	0.85082	0.318178	1
cg12704737	SCUBE2;SCUBE2	0.118512	0.826557	0.952992	-1.04933	0.0663526	1.57115	1.57115	0.176742	0.729744	-1.37034	0.180471	0.731955	-1.3662	0.104842	1.47535	1.47535	0.0925476	0.666208	-1.50103	0.226956	1.32091	1.32091	0.412087	0.831931	-1.20202	0.335578	0.804232	-1.24342	2.37692	1.81223	0.677714	1
cg26599373	IL17B	0.118513	0.110034	0.345933	-2.89073	0.0925628	0.323666	-3.08961	0.167755	0.408195	-2.44981	0.384058	0.580471	-1.72274	0.041587	0.238878	-4.18624	0.495884	0.656142	-1.52406	0.0261797	0.200364	-4.99093	0.0202259	0.181496	-5.50976	0.245499	0.47699	-2.09648	2.37691	13.9809	5.22839	1
cg23080985	ALKBH7	0.118515	0.0532115	2.74485	2.74485	0.053863	2.735	2.735	0.100429	2.27613	2.27613	?	?	?	?	?	?	0.148023	2.02764	2.02764	?	?	?	?	?	?	0.242489	1.74197	1.74197	2.64562	4.62649	2.44823	1
cg02173030	STK32C	0.118515	0.618387	1.23247	1.23247	0.606526	0.805546	-1.24139	0.521022	0.762804	-1.31095	0.0132199	0.278509	-3.59055	0.993943	0.996845	-1.00316	0.511618	1.31925	1.31925	0.725839	1.15781	1.15781	0.440042	1.38784	1.38784	0.0206799	0.313586	-3.18891	2.37689	6.52141	2.43882	1
cg08456555	ARHGAP6;ARHGAP6;ARHGAP6	0.118523	0.29802	0.553657	-1.80617	0.614022	0.756765	-1.32141	0.780661	0.858145	-1.1653	0.170532	0.449395	-2.22521	0.0163583	0.200206	-4.99486	0.50598	1.44751	1.44751	0.0224822	0.223557	-4.47313	0.397995	1.60683	1.60683	0.282745	0.542434	-1.84354	2.37682	11.3058	4.22818	1
cg12166610	NRG1	0.118524	0.090306	13.7993	13.7993	0.0574592	20.5195	20.5195	0.738564	1.60159	1.60159	0.102004	12.388	12.388	0.0796379	15.4161	15.4161	0.0763195	16.0036	16.0036	0.0414061	27.3165	27.3165	0.0493476	23.4361	23.4361	0.0826724	14.917	14.917	2.37681	74.4296	27.8354	1
cg15874390	ATG2B	0.118527	0.0419179	0.307943	-3.24735	0.253325	0.549173	-1.82092	0.0776002	0.37328	-2.67895	0.908166	0.943678	-1.05968	0.0222823	0.252561	-3.95944	0.690991	0.818137	-1.22229	0.019628	0.242609	-4.12186	0.478342	0.696205	-1.43636	0.34021	0.610305	-1.63852	2.37678	9.50029	3.553	1
cg02164332	KIAA1409;COX8C;COX8C	0.118527	0.415107	0.841512	-1.18834	0.00532677	2.13944	2.13944	0.613753	0.89994	-1.11118	0.735782	0.932246	-1.07268	0.778657	1.06011	1.06011	0.267638	0.787253	-1.27024	0.221532	1.30496	1.30496	0.699934	0.922911	-1.08353	0.519079	0.873368	-1.14499	2.37678	1.61527	0.604092	1
cg14853772	IAH1	0.118532	0.433165	1.7616	1.7616	0.00653262	12.2026	12.2026	0.0186617	7.52645	7.52645	0.498442	1.62662	1.62662	0.351716	1.97086	1.97086	0.244193	2.36913	2.36913	0.165993	2.84552	2.84552	0.3771	1.89955	1.89955	0.60575	1.4457	1.4457	2.37674	18.8647	7.05531	1
cg26696995	WNT7A	0.118533	0.0513457	0.439291	-2.2764	0.268219	0.652076	-1.53356	0.084774	0.493232	-2.02744	0.111505	0.525865	-1.90163	0.0271737	0.379293	-2.63648	0.0569935	0.449976	-2.22234	0.370363	0.711008	-1.40645	0.0297875	0.387454	-2.58095	0.303362	0.673494	-1.48479	2.37673	5.17484	1.93537	1
cg10302781	NRG3;NRG3;NRG3	0.118534	0.371158	0.776763	-1.28739	0.0320058	0.500991	-1.99605	0.480783	0.821061	-1.21794	0.587472	0.860116	-1.16263	0.783388	0.926993	-1.07876	0.734172	0.910494	-1.0983	0.0768806	1.71811	1.71811	0.0392882	1.92719	1.92719	0.546236	1.18293	1.18293	2.37672	2.84877	1.06544	1
cg00916179	PLEKHH2	0.118536	0.177623	0.54577	-1.83227	0.138058	1.96395	1.96395	0.752049	1.14336	1.14336	0.305574	0.638647	-1.56581	0.0197432	0.304206	-3.28725	0.171701	0.540642	-1.84965	0.353567	0.668015	-1.49697	0.150873	1.91688	1.91688	0.832697	0.914469	-1.09353	2.37671	6.72485	2.5151	1
cg03242401	BAT2L1	0.118536	0.803403	1.04984	1.04984	0.629581	0.909593	-1.09939	0.453231	0.861588	-1.16065	0.0138941	1.80868	1.80868	0.9866	0.996731	-1.00328	0.0476372	0.642975	-1.55527	0.96591	1.00837	1.00837	0.550912	1.12485	1.12485	0.13821	0.732554	-1.36509	2.3767	1.43101	0.535199	1
cg03734594	CARS2	0.118537	0.810578	1.13235	1.13235	0.00677038	6.1524	6.1524	0.685338	1.23475	1.23475	0.53946	1.37932	1.37932	0.491739	0.696644	-1.43545	0.777719	0.863726	-1.15777	0.786531	1.15087	1.15087	0.0278942	3.83808	3.83808	0.321003	1.70022	1.70022	2.3767	10.0862	3.77225	1
cg09357684	THAP3	0.118537	0.171902	1.69261	1.69261	0.020794	2.73752	2.73752	0.0275343	2.56825	2.56825	0.221509	1.59207	1.59207	0.621802	1.19715	1.19715	0.38764	1.37774	1.37774	0.274401	0.662614	-1.50917	0.118631	1.84605	1.84605	0.199571	1.63307	1.63307	2.37669	4.92966	1.84371	1
cg26543352	SLC45A1	0.118539	0.10727	0.727199	-1.37514	0.0453794	1.51576	1.51576	0.929972	0.984199	-1.01605	0.923315	1.0176	1.0176	0.0628057	0.684317	-1.46131	0.0892184	0.71205	-1.4044	0.65234	0.921109	-1.08565	0.535216	0.892449	-1.12051	0.0910416	0.713692	-1.40117	2.37668	1.23597	0.462258	1
cg04833050	LHFPL2	0.118543	0.039682	5.68342	5.68342	0.03159	6.30442	6.30442	0.130831	3.29284	3.29284	0.196577	2.71123	2.71123	0.190949	2.74985	2.74985	0.123128	3.38763	3.38763	0.0298214	6.4722	6.4722	0.270866	2.31037	2.31037	0.0553007	4.88899	4.88899	2.37664	20.0858	7.51229	1
cg20332725	C7orf38	0.118548	0.0915084	0.738162	-1.35472	0.803987	1.04146	1.04146	0.140228	1.29596	1.29596	0.904138	0.980508	-1.01988	0.537509	1.10738	1.10738	0.1123	0.753924	-1.32639	0.0294695	0.657778	-1.52027	0.863213	1.02857	1.02857	0.155931	1.28148	1.28148	2.37659	1.00469	0.375771	1
ch.2.3800641F	WDR75	0.11855	0.542652	0.710936	-1.4066	0.168402	2.25371	2.25371	0.177018	2.21313	2.21313	0.96265	0.974408	-1.02626	0.0107405	0.169536	-5.89846	0.127325	0.401385	-2.49138	0.289084	0.543767	-1.83902	0.550735	0.715909	-1.39683	0.702098	0.808349	-1.23709	2.37657	11.5364	4.31485	1
cg00397849	ALS2CL	0.118551	0.666191	0.815205	-1.22669	0.0538649	0.35685	-2.8023	0.228885	0.551859	-1.81206	0.324861	0.61964	-1.61384	0.00537726	0.178098	-5.61488	0.622065	1.26352	1.26352	0.952235	1.0286	1.0286	0.994592	1.0032	1.0032	0.235995	0.557318	-1.79431	2.37657	8.34188	3.12005	1
cg22675162	SNRPG	0.118552	0.320006	1.15677	1.15677	0.0601607	1.35049	1.35049	0.0188919	1.49626	1.49626	0.295876	1.16604	1.16604	0.0562173	1.35857	1.35857	0.674538	1.06168	1.06168	0.663601	0.939863	-1.06398	0.0917427	1.30098	1.30098	0.0614371	1.34799	1.34799	2.37656	0.755958	0.282746	1
cg05006092	SYNGR2	0.118553	0.677789	1.21077	1.21077	0.565599	1.30454	1.30454	0.870298	0.927929	-1.07767	0.872306	1.07641	1.07641	0.0256361	0.297148	-3.36532	0.0512896	0.362098	-2.76168	0.0451869	0.349293	-2.86293	0.530525	1.33754	1.33754	0.124835	0.46742	-2.1394	2.37655	7.8864	2.94971	1
cg00645075	VPS26B;NCAPD3	0.118554	0.417001	0.912705	-1.09564	0.993061	0.999043	-1.00096	0.159369	1.1801	1.1801	0.106545	0.823606	-1.21417	0.083789	1.23457	1.23457	0.361993	1.10869	1.10869	0.384962	0.906568	-1.10306	0.722691	0.961522	-1.04002	0.0248717	1.34183	1.34183	2.37654	0.456438	0.17072	1
cg15689991	RASSF3	0.118555	0.0722868	0.472571	-2.11608	0.028793	0.381535	-2.62099	0.0599218	0.452389	-2.21049	0.253624	0.640491	-1.5613	0.354712	1.42732	1.42732	0.339509	1.44467	1.44467	0.715725	1.14646	1.14646	0.168802	0.578156	-1.72964	0.912605	1.04188	1.04188	2.37653	5.25622	1.96597	1
cg22469355	VPS37D	0.118557	0.0891774	0.719133	-1.39056	0.492339	0.884567	-1.1305	0.192339	1.27472	1.27472	0.522476	1.12077	1.12077	0.319153	0.834359	-1.19852	0.187879	0.782338	-1.27822	0.52389	0.892601	-1.12032	0.622113	1.09131	1.09131	0.0188542	1.64933	1.64933	2.37651	1.16453	0.435571	1
cg04359558	LITAF;LITAF;LITAF;LITAF	0.118559	0.887435	1.03628	1.03628	0.95842	1.01321	1.01321	0.0754486	1.64543	1.64543	0.663965	1.11627	1.11627	0.727433	1.09204	1.09204	0.309541	0.767503	-1.30293	0.0048895	2.55626	2.55626	0.228264	1.37466	1.37466	0.78338	1.0718	1.0718	2.3765	2.38314	0.891375	1
cg07519536	BTN1A1	0.118559	0.203171	7.00086	7.00086	0.922423	1.15155	1.15155	0.981156	1.03481	1.03481	0.328303	0.231838	-4.31335	0.0399164	0.0320469	-31.2042	0.733144	0.609095	-1.64178	0.91169	0.851529	-1.17436	0.0348948	35.2229	35.2229	0.0839014	15.9728	15.9728	2.37649	78.9913	29.5454	1
cg19439123	RAI1	0.11856	0.0838503	0.23178	-4.31443	0.118269	0.273608	-3.65486	0.803165	0.826253	-1.21028	0.169111	0.326428	-3.06347	0.0241996	0.128268	-7.79615	0.320073	0.456042	-2.19278	0.0212001	0.120361	-8.30836	0.088641	0.238035	-4.20107	0.105383	0.258715	-3.86525	2.37649	21.9807	8.22154	1
cg18401298	APBB2;APBB2;APBB2	0.118562	0.0240318	0.339714	-2.94366	0.165631	0.552616	-1.80957	0.793466	1.11098	1.11098	0.730419	1.14883	1.14883	0.0470989	0.401965	-2.48778	0.119833	0.508185	-1.96779	0.16164	0.549091	-1.82119	0.760566	1.13043	1.13043	0.0557027	0.419119	-2.38596	2.37647	6.0555	2.26499	1
cg07963046	GON4L;GON4L	0.118562	0.684108	0.749696	-1.33387	0.0642942	0.231298	-4.32343	0.25388	0.432082	-2.31437	0.38077	0.530914	-1.88354	0.0298479	0.165284	-6.05019	0.57764	0.672895	-1.48612	0.00806304	0.0916258	-10.914	0.825886	0.856277	-1.16785	0.193386	0.379352	-2.63607	2.37647	18.6683	6.98265	1
cg22862244	SNX26	0.118565	0.853327	0.959442	-1.04227	0.553496	0.874506	-1.1435	0.347922	0.80557	-1.24136	0.34371	1.24385	1.24385	0.718804	0.922295	-1.08425	0.72207	0.923207	-1.08318	0.00443646	0.427682	-2.33818	0.375088	0.815735	-1.22589	0.0714864	0.63744	-1.56878	2.37644	1.88378	0.704612	1
cg19500479	GDF7	0.118567	0.40398	1.24297	1.24297	0.647519	1.1244	1.1244	0.217771	0.718755	-1.39129	0.939281	1.01959	1.01959	0.489333	0.836203	-1.19588	0.328826	0.773603	-1.29265	0.0301734	0.52242	-1.91417	0.0218966	2.01472	2.01472	0.898928	0.968152	-1.0329	2.37643	2.44164	0.91328	1
cg02410867	TPM4;TPM4	0.118567	0.753389	0.766805	-1.30411	0.00592939	20.7381	20.7381	0.0481631	6.70293	6.70293	0.856656	0.858706	-1.16454	0.591254	1.57887	1.57887	0.857113	0.859129	-1.16397	0.393793	0.479078	-2.08734	0.803208	1.23412	1.23412	0.809751	0.816121	-1.22531	2.37643	26.713	9.99186	1
cg19375676	ADSS;ADSS	0.118568	0.816759	1.03325	1.03325	0.60247	1.07686	1.07686	0.183109	1.22025	1.22025	0.791316	0.96332	-1.03808	0.212609	1.20321	1.20321	0.0968707	0.773518	-1.29279	0.0495106	0.729192	-1.37138	0.987495	1.00221	1.00221	0.0383863	1.40227	1.40227	2.37641	0.747381	0.279555	1
cg12074688	SPIN2B;SPIN2B;SPIN2B;SPIN2B;SPIN2B;SPIN2B	0.118571	0.215283	0.462007	-2.16447	0.283506	1.93412	1.93412	0.752716	1.20577	1.20577	0.0224456	5.0476	5.0476	0.0483926	3.80073	3.80073	0.106466	0.352199	-2.83931	0.693338	1.26444	1.26444	0.979224	1.01554	1.01554	0.995869	0.99694	-1.00307	2.37638	13.1908	4.93402	1
cg00358442	DPY19L2P4	0.118574	0.504967	0.512652	-1.95064	0.777037	1.32367	1.32367	0.765601	0.744313	-1.34352	0.296091	2.91551	2.91551	0.326417	0.367628	-2.72014	0.34983	0.386551	-2.58698	0.515233	0.521167	-1.91877	0.0130135	20.9753	20.9753	0.0514481	8.93493	8.93493	2.37636	36.7129	13.7326	1
cg07841312	ZNF74;ZNF74	0.118575	0.0303331	2.42496	2.42496	0.874031	0.946292	-1.05676	0.595774	0.830037	-1.20477	0.130139	1.76619	1.76619	0.170642	1.66142	1.66142	0.0632969	2.06821	2.06821	0.471498	0.775037	-1.29026	0.843658	1.07112	1.07112	0.120402	0.556477	-1.79702	2.37636	4.55629	1.70431	1
cg10664112	KIF5C	0.118581	0.140285	11.2346	11.2346	0.238689	6.56359	6.56359	0.732801	0.593041	-1.68623	0.176598	8.93706	8.93706	0.499265	0.351436	-2.84547	0.403178	3.68523	3.68523	0.00814099	174.957	174.957	0.0584985	26.0263	26.0263	0.439476	3.3273	3.3273	2.3763	87.4893	32.7267	1
cg09847626	FBXO34;FBXO34	0.118581	0.572661	0.815795	-1.2258	0.0121226	3.05521	3.05521	0.335021	0.70112	-1.42629	0.629551	1.18956	1.18956	0.111666	0.538611	-1.85663	0.708054	0.874283	-1.14379	0.137986	0.565276	-1.76905	0.904507	0.958041	-1.0438	0.234559	0.640817	-1.56051	2.3763	4.80057	1.79572	1
cg00639289	ERBB4;ERBB4	0.118583	0.158684	1.16998	1.16998	0.0477909	1.26594	1.26594	0.775188	1.03029	1.03029	0.646143	1.04935	1.04935	0.935201	0.991563	-1.00851	0.0710315	1.23386	1.23386	0.525378	0.935142	-1.06936	0.036305	0.775992	-1.28867	0.31887	1.11332	1.11332	2.37628	0.408626	0.152854	1
cg20238355	MUC12	0.118585	0.390972	0.448417	-2.23007	0.627464	0.640032	-1.56242	0.646277	0.655962	-1.52448	0.57131	0.59332	-1.68543	0.186768	0.278884	-3.58572	0.205351	0.29547	-3.38443	0.00298107	0.0242873	-41.1738	0.103617	0.19709	-5.07383	0.328573	0.398469	-2.5096	2.37627	31.3344	11.7212	1
cg27164031	LENG1	0.118586	0.294562	0.841094	-1.18893	0.728378	1.05707	1.05707	0.683936	0.936923	-1.06732	0.405078	1.14523	1.14523	0.0359371	0.678106	-1.4747	0.241158	1.2157	1.2157	0.286819	1.19251	1.19251	0.902899	0.980759	-1.01962	0.0225845	1.54448	1.54448	2.37625	0.953655	0.356735	1
cg27188358	PPAP2C;PPAP2C;PPAP2C	0.118588	0.573613	1.12278	1.12278	0.0438416	1.60295	1.60295	0.773183	1.06062	1.06062	0.571598	1.12348	1.12348	0.501015	1.14925	1.14925	0.12734	1.39908	1.39908	0.00629914	2.06414	2.06414	0.105323	1.43393	1.43393	0.159271	1.35849	1.35849	2.37624	1.56119	0.583999	1
cg05366058	KCTD9	0.118588	0.0214781	0.325137	-3.07562	0.379578	1.44284	1.44284	0.782141	0.893378	-1.11935	0.400673	0.704769	-1.4189	0.0668989	0.433681	-2.30584	0.440515	0.726201	-1.37703	0.0416453	0.384725	-2.59926	0.523863	0.768951	-1.30047	0.0536165	0.410076	-2.43857	2.37624	6.22555	2.32882	1
cg20762313	TMED3	0.11859	0.643484	0.87806	-1.13887	0.0116942	0.415201	-2.40847	0.752186	1.09241	1.09241	0.184728	0.67537	-1.48067	0.723244	0.905556	-1.10429	0.618941	0.869452	-1.15015	0.0383245	1.95363	1.95363	0.974751	1.00887	1.00887	0.464357	0.812385	-1.23094	2.37622	2.92967	1.09592	1
cg04574552	GEMIN8;GEMIN8;GEMIN8	0.118595	0.201743	0.407025	-2.45685	0.576901	0.686715	-1.45621	0.919328	0.934679	-1.06989	0.274944	2.13274	2.13274	0.438727	0.590581	-1.69325	0.00547091	0.087502	-11.4283	0.928382	1.06178	1.06178	0.241809	2.26353	2.26353	0.916634	1.07231	1.07231	2.37617	16.7329	6.25954	1
cg00400547	SRL	0.118596	0.0521332	0.45173	-2.21371	0.723086	1.13653	1.13653	0.651178	1.17789	1.17789	0.495741	0.779725	-1.2825	0.0220718	0.372507	-2.68451	0.530007	0.795449	-1.25715	0.502322	0.782772	-1.27751	0.682176	0.862337	-1.15964	0.0152676	0.342467	-2.91999	2.37617	4.86973	1.82169	1
cg15862215	OTX1	0.118598	0.627972	0.499346	-2.00262	0.0387706	30.0627	30.0627	0.0351681	32.7714	32.7714	0.734373	1.62313	1.62313	0.361372	3.79756	3.79756	0.449555	2.99166	2.99166	0.313761	4.40027	4.40027	0.0123684	83.8317	83.8317	0.261282	5.29149	5.29149	2.37614	76.113	28.4731	1
cg09363076	TTC7B	0.118599	0.0689114	0.31048	-3.22082	0.923851	1.05647	1.05647	0.822979	0.879199	-1.1374	0.715857	0.810546	-1.23374	0.0420864	0.260357	-3.84087	0.433035	0.631472	-1.5836	0.00725457	0.136667	-7.31705	0.337361	0.566479	-1.76529	0.175799	0.437316	-2.28668	2.37614	12.4242	4.64776	1
cg08759041	MCC	0.118599	0.141329	0.357189	-2.79964	0.448686	0.605015	-1.65285	0.93098	0.945179	-1.058	0.343588	1.88703	1.88703	0.0441918	0.22211	-4.50228	0.151134	0.367427	-2.72163	0.0224424	0.168661	-5.92905	0.0485718	0.230756	-4.33358	0.575783	0.692159	-1.44475	2.37613	15.9412	5.96346	1
cg20646491	SLC1A3;SLC1A3;SLC1A3	0.1186	0.0829234	0.300938	-3.32294	0.0107285	0.134614	-7.42865	0.14514	0.375861	-2.66056	0.366311	0.559629	-1.7869	0.0361689	0.217902	-4.58921	0.131641	0.361362	-2.76731	0.108743	0.334845	-2.98646	0.159431	0.39048	-2.56095	0.474167	0.634293	-1.57656	2.37613	14.7205	5.50682	1
cg04706327	C2orf73	0.118601	0.683275	1.07247	1.07247	0.60496	0.914844	-1.09308	0.0102914	1.73583	1.73583	0.529689	0.897097	-1.11471	0.804931	0.958674	-1.04311	0.704377	1.06718	1.06718	0.624419	0.919284	-1.0878	0.63108	1.08602	1.08602	0.0210148	1.60558	1.60558	2.37612	1.09472	0.409528	1
cg00254470	PVT1	0.118601	0.939824	0.962373	-1.0391	0.120971	0.425618	-2.34953	0.32864	0.599191	-1.66892	0.0781991	2.70201	2.70201	0.288229	0.571161	-1.75082	0.92315	1.05024	1.05024	0.870189	0.920277	-1.08663	0.0139988	4.67144	4.67144	0.976904	0.985402	-1.01481	2.37612	9.71106	3.63284	1
cg18966688	AUTS2;AUTS2	0.118602	0.221774	0.17937	-5.57507	0.0836124	0.077141	-12.9633	0.0687956	0.0655376	-15.2584	0.459145	0.364757	-2.74155	0.017671	0.0210416	-47.5249	0.769349	0.67474	-1.48205	0.165743	0.138366	-7.22721	0.0183955	0.0217718	-45.9309	0.4189	0.331163	-3.01966	2.37611	67.3735	25.204	1
cg24364535	OPCML	0.118603	0.0861631	0.146377	-6.83169	0.264094	3.25359	3.25359	0.628863	1.63819	1.63819	0.639544	0.619986	-1.61294	0.0120461	0.04186	-23.8891	0.264557	3.24956	3.24956	0.537318	1.88334	1.88334	0.203677	0.256732	-3.89511	0.89704	0.877036	-1.1402	2.3761	38.6534	14.4601	1
cg17334389	FAM57A	0.118605	0.137689	0.431336	-2.31838	0.292691	1.77572	1.77572	0.0399874	3.48563	3.48563	0.497234	0.695914	-1.43696	0.134549	0.427981	-2.33655	0.624518	0.771454	-1.29625	0.14091	0.434732	-2.30027	0.0716731	0.347196	-2.88022	0.924106	0.951116	-1.0514	2.37608	10.412	3.8951	1
cg09126308	ATAD5	0.118606	0.0164209	0.335682	-2.97901	0.39237	1.38567	1.38567	0.548857	0.797879	-1.25332	0.746196	1.1285	1.1285	0.954175	1.02162	1.02162	0.714729	1.14643	1.14643	0.0132312	0.318844	-3.13633	0.807451	0.913115	-1.09515	0.860419	1.06771	1.06771	2.37607	5.2145	1.95075	1
cg01020399	ZNF692;ZNF692;ZNF692	0.118608	0.134912	0.712021	-1.40445	0.764169	0.938562	-1.06546	0.416056	0.839312	-1.19145	0.0218878	0.560109	-1.78537	0.0410228	0.608407	-1.64364	0.423807	1.18786	1.18786	0.67531	1.09284	1.09284	0.202075	1.32823	1.32823	0.300746	0.797742	-1.25354	2.37605	1.67123	0.625212	1
cg13235059	TM4SF4	0.118609	0.0507213	0.202953	-4.92725	0.0359791	0.174187	-5.74094	0.242238	0.416119	-2.40316	0.86558	0.885706	-1.12904	0.020335	0.134847	-7.4158	0.11149	0.28885	-3.46201	0.200243	0.379354	-2.63606	0.0883089	0.259964	-3.84668	0.123449	0.302594	-3.30476	2.37604	19.3123	7.22482	1
cg20284508	CHCHD6	0.118612	0.136179	0.61094	-1.63682	0.222612	0.674817	-1.48188	0.263833	1.42967	1.42967	0.410427	0.772347	-1.29475	0.105919	0.581612	-1.71936	0.12197	0.597842	-1.67268	0.025899	0.44414	-2.25154	0.754566	0.908246	-1.10102	0.0352456	0.471151	-2.12246	2.37602	3.54391	1.32581	1
cg04913979	SHOX2;SHOX2;SHOX2	0.118616	0.103917	5.19361	5.19361	0.865135	1.17058	1.17058	0.0818855	5.96714	5.96714	0.870859	0.860069	-1.1627	0.14479	0.23432	-4.26766	0.230763	0.311987	-3.20527	0.77782	1.29965	1.29965	0.0205864	13.2523	13.2523	0.841974	0.831147	-1.20316	2.37598	32.3037	12.0853	1
cg02553520	ATP6V1C2;ATP6V1C2	0.118616	0.0973834	1.44615	1.44615	0.339268	0.818935	-1.2211	0.315423	0.810168	-1.23431	0.918923	1.02086	1.02086	0.862948	0.965567	-1.03566	0.56706	1.12449	1.12449	0.0130727	0.535629	-1.86696	0.121563	1.4055	1.4055	0.765836	1.06244	1.06244	2.37598	1.54766	0.579003	1
cg11896633	FAM83H	0.118617	0.0720954	8.60756	8.60756	0.0738301	8.47173	8.47173	0.0788025	8.10984	8.10984	0.105899	6.64479	6.64479	0.645956	1.64215	1.64215	0.816767	0.779673	-1.28259	0.641217	0.604564	-1.65408	0.0763436	8.28396	8.28396	0.0268922	16.6216	16.6216	2.37598	43.2692	16.1877	1
cg02069524	ADARB2	0.118618	0.529878	0.542628	-1.84288	0.00762372	0.0370422	-26.9962	0.0160878	0.0590397	-16.9378	0.933523	1.08344	1.08344	0.697956	0.687543	-1.45445	0.494788	0.513776	-1.94637	0.331354	0.381827	-2.61899	0.501212	0.519034	-1.92666	0.796	1.28259	1.28259	2.37597	34.7254	12.9914	1
cg07452442	HAUS8;HAUS8	0.11862	0.245197	0.732107	-1.36592	0.104586	0.634391	-1.57632	0.057296	0.575991	-1.73614	0.119425	0.64825	-1.54262	0.0151636	0.465192	-2.14965	0.176936	0.69199	-1.44511	0.0382866	0.540156	-1.85132	0.252972	0.736169	-1.35838	0.102794	0.632614	-1.58074	2.37595	2.47636	0.926455	1
cg05682965	NOTCH3	0.118622	0.887233	1.02275	1.02275	0.294511	1.18808	1.18808	0.20678	0.809732	-1.23498	0.569679	0.912949	-1.09535	0.115127	0.762202	-1.31199	0.847986	0.970039	-1.03089	0.222035	1.2256	1.2256	0.181719	0.798752	-1.25195	0.0112796	0.604668	-1.6538	2.37593	0.945445	0.353712	1
cg24555128	PARK2;PARK2;PARK2	0.118624	0.258921	1.31772	1.31772	0.0812227	0.635853	-1.57269	0.0175108	0.507975	-1.9686	0.280475	1.30054	1.30054	0.8972	1.03074	1.03074	0.597156	0.882558	-1.13307	0.130088	1.46668	1.46668	0.542152	1.1555	1.1555	0.899741	0.970907	-1.02996	2.37592	2.06466	0.77244	1
cg23636032	ESPNP	0.118624	0.0138439	9.24425	9.24425	0.187117	2.77977	2.77977	0.473321	1.70451	1.70451	0.112933	3.53091	3.53091	0.93627	1.06022	1.06022	0.940118	0.946547	-1.05647	0.15101	3.0809	3.0809	0.0399858	5.67321	5.67321	0.0554424	4.89076	4.89076	2.37591	20.1182	7.52672	1
cg14550519	LOC653653	0.118626	0.0285936	0.145859	-6.85593	0.831521	1.17211	1.17211	0.0378602	0.166177	-6.0177	0.381705	1.95173	1.95173	0.0863092	0.24355	-4.10593	0.106634	0.268975	-3.71781	0.143075	0.309411	-3.23194	0.98273	0.983996	-1.01626	0.229596	0.390775	-2.55902	2.37589	20.9053	7.82128	1
cg13530365	C9orf122	0.118628	0.274421	0.494768	-2.02115	0.144499	2.63762	2.63762	0.831419	1.14101	1.14101	0.204222	0.436464	-2.29114	0.204941	0.437101	-2.2878	0.766224	1.20261	1.20261	0.170371	0.40516	-2.46816	0.0499337	3.9888	3.9888	0.0887107	3.19593	3.19593	2.37588	14.4069	5.39006	1
cg09347582	KIAA1804	0.118631	0.102927	1.71084	1.71084	0.055872	1.91928	1.91928	0.740214	1.10534	1.10534	0.677781	1.13401	1.13401	0.073003	0.547794	-1.8255	0.104885	1.70471	1.70471	0.763034	0.913009	-1.09528	0.0528032	1.93965	1.93965	0.396164	1.29891	1.29891	2.37585	3.40864	1.27529	1
cg00139726	CRYGA	0.118634	0.0704017	0.400187	-2.49883	0.0388079	0.338425	-2.95486	0.0958847	0.436829	-2.28922	0.762922	0.871967	-1.14683	0.0279904	0.308608	-3.24036	0.902741	0.946142	-1.05692	0.284656	1.65419	1.65419	0.189876	0.533232	-1.87535	0.29247	0.60981	-1.63986	2.37582	7.71688	2.88719	1
cg01360413	KIF19	0.118639	0.960185	1.02315	1.02315	0.00259039	6.77719	6.77719	0.474729	1.39543	1.39543	0.9407	0.966473	-1.03469	0.39694	0.671931	-1.48825	0.86462	1.08136	1.08136	0.988721	1.0065	1.0065	0.61039	1.26559	1.26559	0.378137	1.51359	1.51359	2.37578	7.90557	2.95784	1
cg26642655	GBX1	0.118643	0.846294	0.968351	-1.03268	0.424722	1.14464	1.14464	0.0407943	1.47893	1.47893	0.196057	1.25427	1.25427	0.388401	0.863735	-1.15776	0.808598	0.960582	-1.04104	0.0568678	0.699678	-1.42923	0.0587235	1.42451	1.42451	0.376046	1.16246	1.16246	2.37574	1.03326	0.386596	1
cg05228717	GALNT9	0.118644	0.365474	0.568848	-1.75794	0.86231	1.11107	1.11107	0.311435	0.529749	-1.88768	0.414217	0.602663	-1.6593	0.344492	0.553903	-1.80537	0.439692	0.61994	-1.61306	0.0686264	0.290369	-3.44389	0.0107782	6.98305	6.98305	0.965144	0.973836	-1.02687	2.37573	13.85	5.18205	1
cg18304093	CAPNS1;CAPNS1	0.118645	0.0858165	0.822558	-1.21572	0.198451	0.869507	-1.15008	0.0170699	0.741431	-1.34874	0.114547	1.19314	1.19314	0.592694	0.945959	-1.05713	0.461307	1.08022	1.08022	0.335842	1.1075	1.1075	0.993713	0.99919	-1.00081	0.926349	0.990532	-1.00956	2.37572	0.398301	0.149026	1
cg01877565	MIR183;MIR96	0.118649	0.0970778	0.429125	-2.33032	0.00847459	0.209859	-4.76511	0.174766	0.511428	-1.95531	0.699156	0.834927	-1.19771	0.0245729	0.288234	-3.4694	0.845445	0.913322	-1.0949	0.227853	0.555401	-1.8005	0.608143	0.786428	-1.27157	0.788431	0.882538	-1.1331	2.37569	8.12064	3.03842	1
cg06537744	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.11865	0.68976	0.915946	-1.09177	0.943291	0.984554	-1.01569	0.172979	1.37342	1.37342	0.697083	0.917967	-1.08936	0.285682	1.27459	1.27459	0.120378	0.691683	-1.44575	0.00691725	2.14867	2.14867	0.792279	1.05945	1.05945	0.552793	1.14041	1.14041	2.37568	1.80141	0.674018	1
cg06255227	NPBWR2	0.118651	0.0762396	0.313322	-3.1916	0.240101	0.484983	-2.06193	0.171611	0.424764	-2.35425	0.542746	0.695953	-1.43688	0.0145627	0.170272	-5.87295	0.873246	1.09848	1.09848	0.206695	0.456801	-2.18914	0.261083	1.99283	1.99283	0.0807675	0.320041	-3.12459	2.37567	13.0231	4.87276	1
cg07111861	CGNL1	0.118654	0.346504	0.720006	-1.38888	0.797966	0.916749	-1.09081	0.295673	0.692489	-1.44407	0.964949	1.015	1.015	0.00711704	0.307885	-3.24797	0.466953	0.778153	-1.28509	0.0190122	0.382073	-2.6173	0.44859	0.769758	-1.29911	0.190089	0.624849	-1.60039	2.37564	4.32018	1.61647	1
cg15902830	ARHGEF16	0.118655	0.582951	0.845714	-1.18243	0.0167629	2.4162	2.4162	0.0803551	0.556455	-1.79709	0.287991	0.716512	-1.39565	0.441169	0.788714	-1.26789	0.831832	1.06637	1.06637	0.109401	1.69465	1.69465	0.533293	0.826401	-1.21007	0.675035	0.880364	-1.13589	2.37564	3.43589	1.2856	1
cg06635952	ANXA4	0.118657	0.0496578	0.309967	-3.22615	0.916764	1.0562	1.0562	0.649207	0.786999	-1.27065	0.241603	0.526705	-1.8986	0.00470454	0.140193	-7.13305	0.397072	0.635353	-1.57393	0.133815	0.429234	-2.32973	0.358733	0.610413	-1.63823	0.350207	0.604741	-1.6536	2.37562	10.2935	3.85153	1
cg09113768	DEPDC1;DEPDC1	0.118659	0.0952275	1.63578	1.63578	0.0457439	0.540729	-1.84935	0.803929	0.935403	-1.06906	0.625027	1.14137	1.14137	0.894656	0.96506	-1.0362	0.0473268	0.543804	-1.8389	0.23802	1.39348	1.39348	0.151517	1.51064	1.51064	0.738674	0.914041	-1.09404	2.3756	2.71145	1.01456	1
cg12379422	MYL6;MYL6	0.118659	0.249157	0.759234	-1.31712	0.0313631	0.561337	-1.78146	0.555358	1.14615	1.14615	0.124558	0.683673	-1.46269	0.340682	1.25175	1.25175	0.26283	1.306	1.306	0.0515605	0.602448	-1.65989	0.157953	0.708059	-1.41231	0.72994	0.923812	-1.08247	2.3756	1.96756	0.736211	1
cg06972217	CRK;CRK	0.118662	0.603414	0.90642	-1.10324	0.529041	1.12699	1.12699	0.283871	1.2321	1.2321	0.122753	1.36819	1.36819	0.164498	1.32054	1.32215	0.423574	0.857939	-1.16558	0.024332	0.60463	-1.6539	0.747242	1.06249	1.06249	0.0814411	1.43629	1.43629	2.37557	1.32225	0.494759	1
cg15008124	RBM19;RBM19;RBM19	0.118663	0.233987	0.447794	-2.23317	0.00777196	0.110698	-9.03356	0.0712176	0.273188	-3.66048	0.739184	0.806417	-1.24005	0.174279	0.394312	-2.53606	0.223245	0.438651	-2.27972	0.109802	0.325468	-3.0725	0.058545	0.252556	-3.95952	0.770828	0.828546	-1.20693	2.37556	15.6005	5.8374	1
cg15231202	APOD;APOD	0.118666	0.135863	0.35051	-2.85299	0.0101228	0.12049	-8.29941	0.0344229	0.200038	-4.99906	0.312324	0.50573	-1.97734	0.665724	0.753124	-1.3278	0.853915	1.12776	1.12776	0.329647	0.518808	-1.92749	0.0572679	0.245872	-4.06716	0.688132	0.768588	-1.30109	2.37554	16.0084	5.99009	1
cg26491060	HCFC1	0.118667	0.560816	0.687771	-1.45397	0.129878	2.83288	2.83288	0.657997	0.753111	-1.32783	0.639496	1.3502	1.3502	0.104774	3.09048	3.09048	0.0543001	0.249107	-4.01434	0.465735	0.623474	-1.60392	0.0299637	5.0793	5.0793	0.809919	1.16575	1.16575	2.37553	15.2394	5.70235	1
cg15686802	LMO3;LMO3	0.118667	0.105289	0.678251	-1.47438	0.0484529	1.63983	1.63983	0.0337455	1.72274	1.72274	0.461618	0.848396	-1.17869	0.537607	1.14674	1.14674	0.427055	1.1947	1.1947	0.772216	1.06574	1.06574	0.449741	0.84454	-1.18408	0.127449	1.43559	1.43559	2.37552	1.81057	0.677491	1
cg17094146	ERICH1	0.118669	0.109065	0.756498	-1.32188	0.588158	1.09123	1.09123	0.668887	1.07112	1.07112	0.275442	0.83428	-1.19864	0.0277302	0.660002	-1.51515	0.618422	0.922943	-1.08349	0.0373768	1.47077	1.47077	0.323814	0.849822	-1.17672	0.571638	0.912762	-1.09558	2.37551	0.95944	0.359011	1
cg03877913	SOS1	0.11867	0.256943	1.22813	1.22813	0.0772043	1.40668	1.40668	0.800598	1.04494	1.04494	0.306909	1.20166	1.20166	0.746889	0.945311	-1.05785	0.0152301	1.67807	1.67807	0.0427701	1.49934	1.49934	0.108927	1.35477	1.35477	0.545797	0.899265	-1.11202	2.3755	1.13485	0.424648	1
cg16646466	CORO1C	0.118671	0.573076	1.54035	1.54035	0.510021	0.601874	-1.66148	0.570345	1.54523	1.54523	0.950791	0.954421	-1.04776	0.729858	1.30002	1.30002	0.00484981	0.0428379	-23.3438	0.326431	2.16987	2.16987	0.841524	1.16344	1.16344	0.695305	1.34723	1.34723	2.71176	23.3679	5.74483	1
cg11722639	OBFC2B;OBFC2B	0.118671	0.836295	0.925919	-1.08001	0.575448	0.810193	-1.23427	0.78293	0.902368	-1.1082	0.0548745	0.444889	-2.24775	0.00382501	0.234456	-4.26518	0.532285	0.790326	-1.2653	0.87996	1.05783	1.05783	0.187818	0.594996	-1.68068	0.414009	0.732985	-1.36428	2.37549	5.20605	1.94806	1
cg10787442	PARP10	0.118675	0.0476736	0.573374	-1.74406	0.496163	1.18496	1.18496	0.56149	0.865721	-1.15511	0.103521	1.54852	1.54852	0.299947	1.3019	1.3019	0.0491176	1.73614	1.73614	0.0664018	1.65805	1.65805	0.886339	1.03575	1.03575	0.594545	1.14105	1.14105	2.37545	2.26949	0.849238	1
cg03127584	RASA3	0.118675	0.0548055	2.26027	2.26027	0.155614	0.566173	-1.76625	0.126008	0.538037	-1.85861	0.740003	0.882772	-1.13279	0.978743	1.01003	1.01003	0.449831	1.33417	1.33417	0.168161	1.73306	1.73306	0.0347966	2.5122	2.5122	0.676145	1.17033	1.17033	2.37545	5.2738	1.97344	1
cg03088955	JOSD1	0.118678	0.547902	1.1067	1.1067	0.799751	1.04329	1.04329	0.186564	1.26295	1.26295	0.406145	1.15223	1.15223	0.0406272	0.674254	-1.48312	0.0661294	0.709154	-1.41013	0.683303	1.07078	1.07078	0.435588	1.14182	1.14182	0.0577857	0.699305	-1.42999	2.37543	1.04585	0.391357	1
cg02223692	MT1X	0.118678	0.00456792	0.155935	-6.41295	0.323375	1.65188	1.65188	0.857741	1.09231	1.09231	0.764988	1.15896	1.15896	0.500072	1.40052	1.40052	0.788531	0.87609	-1.14143	0.308711	0.595463	-1.67936	0.49295	1.40865	1.40865	0.43719	1.47698	1.47698	2.37542	9.10948	3.40878	1
cg15522984	LAMC1	0.118679	0.503848	0.692465	-1.44412	0.0317148	0.255583	-3.91262	0.106503	2.59831	2.59831	0.0987992	0.375099	-2.66597	0.0805161	0.349872	-2.85819	0.616981	1.31413	1.31413	0.106645	0.385042	-2.59712	0.500159	0.690198	-1.44886	0.343153	0.589148	-1.69737	2.37542	11.042	4.13195	1
cg09975406	NUDT7;NUDT7	0.11868	0.894817	0.97875	-1.02171	0.131888	1.30222	1.30222	0.404752	1.14846	1.14846	0.353746	1.16757	1.16757	0.883343	1.02413	1.02413	0.123697	1.31093	1.31093	0.0693797	0.719029	-1.39076	0.634105	0.925096	-1.08097	0.0178653	1.59593	1.59593	2.37541	0.99192	0.371181	1
cg08872579	TTC22;TTC22	0.118684	0.9793	0.994735	-1.00529	0.91054	1.02313	1.02313	0.187678	0.752697	-1.32856	0.571799	0.890248	-1.12328	0.995211	0.99878	-1.00122	0.755738	1.06555	1.06555	0.00360637	2.22943	2.22943	0.850379	0.962305	-1.03917	0.60152	0.898339	-1.11317	2.37538	1.55752	0.582839	1
cg16000544	HGSNAT	0.118685	0.98281	1.00261	1.00261	0.0787736	1.26652	1.26652	0.106885	1.23744	1.23744	0.509434	1.08437	1.08437	0.775238	0.965945	-1.03526	0.835974	0.97522	-1.02541	0.0108055	0.67875	-1.4733	0.551484	1.07565	1.07565	0.714812	1.04542	1.04542	2.37536	0.551079	0.20622	1
cg10074506	GSTO2	0.118687	0.0376032	0.104313	-9.58658	0.375528	2.34499	2.34499	0.860358	0.847885	-1.17941	0.170603	3.92535	3.92535	0.231774	3.23913	3.23913	0.128048	0.214006	-4.67277	0.326039	2.58638	2.58638	0.188994	3.68427	3.68427	0.129749	4.63589	4.63589	2.37534	33.037	12.3629	1
cg15473481	ITGA7	0.118689	0.760688	0.881813	-1.13403	0.236426	1.66658	1.66658	0.557956	0.783527	-1.27628	0.173882	0.551208	-1.8142	0.00493264	0.215843	-4.633	0.946959	0.972979	-1.02777	0.232501	0.597207	-1.67446	0.82434	1.09585	1.09585	0.278014	0.628483	-1.59113	2.37533	6.37714	2.38644	1
cg00509187	ENOX1	0.118689	0.149849	0.646556	-1.54666	0.744681	0.911829	-1.0967	0.210795	1.45128	1.45128	0.090958	1.69208	1.69208	0.505147	0.826127	-1.21047	0.562163	0.847437	-1.18003	0.0114273	0.408974	-2.44514	0.935538	0.97741	-1.02311	0.829933	1.06264	1.06264	2.37533	3.00156	1.12324	1
cg27099358	LOC146336	0.118689	0.150057	0.407238	-2.45557	0.670048	0.779157	-1.28344	0.912879	0.938268	-1.06579	0.344468	0.567254	-1.76288	0.0644184	0.29831	-3.35222	0.179626	0.436128	-2.29291	0.00857503	0.141965	-7.044	0.0513974	0.274905	-3.63762	0.143889	0.400844	-2.49474	2.37533	12.7523	4.77212	1
cg18920904	ITSN2;ITSN2;ITSN2;ITSN2;ITSN2;ITSN2	0.118689	0.375499	0.752309	-1.32924	0.335275	1.36469	1.36469	0.199111	1.52893	1.52893	0.432185	0.778151	-1.2851	0.0413768	0.478945	-2.08792	0.0327713	0.457691	-2.18488	0.533363	1.21824	1.21824	0.392225	1.31558	1.31558	0.332758	1.36704	1.36704	2.37532	3.68357	1.37846	1
cg16050897	SDK2	0.118689	0.276919	0.342809	-2.91708	0.778875	1.30538	1.30538	0.867134	1.17177	1.17177	0.675297	0.671099	-1.49009	0.0920202	0.172752	-5.78864	0.783305	0.770289	-1.29821	0.00338281	0.0229867	-43.5034	0.460018	0.490593	-2.03835	0.324202	0.381406	-2.62188	2.37532	33.7176	12.6177	1
cg09665592	DPM2	0.118694	0.84978	0.967271	-1.03384	0.0671672	1.43341	1.43341	0.0222174	1.61777	1.61777	0.977121	1.00505	1.00505	0.320449	1.19742	1.19742	0.304884	0.829886	-1.20498	0.0768106	0.707958	-1.41251	0.535897	0.895821	-1.11629	0.657184	1.08154	1.08154	2.37529	1.15868	0.433604	1
cg10950949	MINK1;MINK1;MINK1;MINK1	0.118694	0.386671	0.792117	-1.26244	0.631922	1.13513	1.13513	0.498072	0.834736	-1.19798	0.948982	0.983335	-1.01695	0.0194011	0.476007	-2.10081	0.560328	1.16725	1.16725	0.0789654	1.6691	1.6691	0.207351	1.41792	1.41792	0.119846	0.64199	-1.55766	2.37528	2.59462	0.970969	1
cg04177244	UNC5B	0.118694	0.804527	1.07797	1.07797	0.0978586	1.73298	1.73298	0.0229352	2.2793	2.2793	0.493305	1.23448	1.23448	0.644855	1.15088	1.15088	0.174571	0.645814	-1.54843	0.39098	1.3049	1.3049	0.525014	0.822811	-1.21535	0.0326854	2.13131	2.13131	2.37528	3.44874	1.2906	1
cg24955845	SLFN13;SLFN13	0.118695	0.0651307	6.27226	6.27226	0.832746	0.829018	-1.20625	0.247958	2.91822	2.91822	0.18563	3.47115	3.47115	0.504938	0.548868	-1.82193	0.36422	0.437504	-2.28569	0.0219514	11.4407	11.4407	0.0613988	6.47978	6.47978	0.259368	2.83865	2.83865	2.37528	29.577	11.0685	1
cg16748524	PTPRN2;PTPRN2;PTPRN2	0.118698	0.600988	1.08695	1.08695	0.00701144	1.73474	1.73474	0.226497	0.818208	-1.22218	0.796636	1.04165	1.04165	0.723274	1.05778	1.05778	0.0954543	1.33563	1.33563	0.313431	1.17907	1.17907	0.130789	1.29407	1.29407	0.871815	0.974809	-1.02584	2.37525	0.939085	0.351433	1
cg07832354	PTPRE	0.118698	0.565883	0.883116	-1.13235	0.456355	0.850038	-1.17642	0.38679	0.826956	-1.20925	0.364913	1.22066	1.22066	0.227878	1.31139	1.31139	0.0888892	0.669052	-1.49465	0.0485987	1.62008	1.62008	0.182132	0.738381	-1.35432	0.0962269	1.47877	1.47877	2.37525	1.7256	0.64577	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26569771	UBXN6;UBXN6	0.118703	0.0427194	0.272031	-3.67605	0.339615	1.73195	1.73195	0.648453	0.77402	-1.29196	0.0681528	0.319864	-3.12633	0.0181642	0.201756	-4.95649	0.612652	1.32965	1.32965	0.366406	0.595803	-1.67841	0.535209	1.41969	1.41969	0.834608	0.889871	-1.12376	2.3752	11.7155	4.38437	1
cg03773647	YPEL4	0.118704	0.760833	0.880705	-1.13545	0.132749	1.96394	1.96394	0.163079	1.85797	1.85797	0.594835	1.25027	1.25027	0.219983	0.584706	-1.71026	0.667669	0.835499	-1.19689	0.0143051	0.284546	-3.51437	0.151563	0.527641	-1.89523	0.759589	0.880101	-1.13623	2.37519	6.51306	2.43744	1
cg08427928	FKBP9;FKBP9	0.118706	0.114619	1.22644	1.22644	0.32304	0.88566	-1.1291	0.6543	1.05508	1.05508	0.74097	0.961307	-1.04025	0.010824	0.68337	-1.46334	0.372595	0.896832	-1.11504	0.203917	0.852571	-1.17292	0.2624	1.14913	1.14913	0.765902	1.03616	1.03616	2.37518	0.532284	0.199203	1
cg11196237	TLX1;TLX1NB;TLX1NB	0.118707	0.0227212	0.344975	-2.89876	0.624687	1.2122	1.2122	0.144702	0.542591	-1.84301	0.108334	0.504758	-1.98115	0.18087	0.574367	-1.74105	0.14827	0.545942	-1.8317	0.0282394	0.36383	-2.74854	0.0837389	0.473798	-2.1106	0.325603	0.67291	-1.48608	2.37517	5.73005	2.14442	1
cg22356957	SAMD13	0.118708	0.0633882	0.361941	-2.76288	0.214618	0.529423	-1.88885	0.0255175	0.274723	-3.64003	0.335399	0.616574	-1.62186	0.0488088	0.334431	-2.99015	0.1353	0.456719	-2.18953	0.0223747	0.263901	-3.7893	0.468977	0.698615	-1.4314	0.152362	0.47411	-2.10922	2.37516	8.91443	3.33617	1
cg07652482	MAPK8IP3;MAPK8IP3	0.118711	0.996336	0.996339	-1.00367	0.0706984	5.01741	5.01741	0.0771242	4.80451	4.80451	0.668328	1.41087	1.41087	0.944662	1.057	1.057	0.708627	1.34958	1.34958	0.0119174	0.0815828	-12.2575	0.887843	1.11929	1.11929	0.78857	0.806823	-1.23943	2.37513	23.9905	8.97842	1
cg13990856	WDFY4	0.118713	0.18102	1.66943	1.66943	0.186856	1.65682	1.65682	0.122352	0.546512	-1.82979	0.387709	1.37642	1.37642	0.215967	0.62506	-1.59985	0.298148	1.47577	1.47577	0.0852431	1.98701	1.98701	0.0937636	1.94457	1.94457	0.0807151	2.01167	2.01167	2.37511	4.89847	1.83326	1
cg18232816	SYT10	0.118713	0.833522	0.93092	-1.07421	0.0733359	0.507068	-1.97212	0.495785	0.790403	-1.26518	0.855267	1.06407	1.06407	0.427973	0.759401	-1.31683	0.00759533	3.21434	3.21434	0.423165	0.757128	-1.32078	0.525179	1.2448	1.2448	0.914381	0.964085	-1.03725	2.37511	4.35085	1.62831	1
cg12767834	SNPH	0.118715	0.0292539	0.719265	-1.39031	0.0850714	1.27669	1.27669	0.795928	1.03381	1.03381	0.862288	1.02252	1.02252	0.0946572	1.26576	1.26576	0.440826	1.10611	1.10611	0.16291	0.826058	-1.21057	0.242572	0.854791	-1.16988	0.828397	1.02824	1.02824	2.37509	0.619137	0.231715	1
cg04719766	KCNQ1;KCNQ1	0.11872	0.143945	0.757231	-1.3206	0.100339	0.726964	-1.37558	0.21172	0.792125	-1.26243	0.768217	0.948998	-1.05374	0.952737	0.989556	-1.01055	0.188428	1.27999	1.27999	0.0184665	1.65901	1.65901	0.699209	0.933537	-1.0712	0.495253	0.884561	-1.1305	2.37505	1.18024	0.441719	1
cg18236877	CASZ1;CASZ1	0.118721	0.098419	1.56425	1.56425	0.02088	1.98637	1.98637	0.0257012	1.92334	1.92334	0.785712	1.06959	1.06959	0.124336	1.508	1.508	0.452936	0.827997	-1.20773	0.520066	1.17464	1.17464	0.922129	1.02443	1.02443	0.587498	0.873534	-1.14478	2.37504	2.29225	0.857906	1
cg10297191	CYP39A1;SLC25A27	0.118722	0.54014	0.861877	-1.16026	0.607336	1.13228	1.13228	0.0176833	1.99678	1.99678	0.781679	1.06885	1.06885	0.142123	0.685066	-1.45971	0.269258	1.31752	1.31752	0.0513928	0.587667	-1.70164	0.645086	1.11757	1.11757	0.692192	1.10006	1.10006	2.37503	2.16073	0.808683	1
cg12584355	SERPINE1;SERPINE1	0.118724	0.129184	0.692576	-1.44388	0.491063	1.16965	1.16965	0.276001	0.775783	-1.28902	0.928253	1.02038	1.02038	0.00563304	0.443043	-2.25712	0.338754	1.24723	1.24723	0.669688	1.10091	1.10091	0.411889	0.828633	-1.20681	0.914706	0.976282	-1.02429	2.37501	1.88813	0.706667	1
cg12122464	COL5A3	0.118728	0.0256931	0.595649	-1.67884	0.0692846	1.48791	1.48791	0.211533	1.29351	1.29351	0.534389	1.13093	1.13093	0.429641	1.17075	1.17075	0.823613	1.04462	1.04462	0.20151	0.768178	-1.30178	0.99338	0.998379	-1.00162	0.131075	1.37543	1.37543	2.37498	1.43809	0.538236	1
cg17315219	EMP3	0.118728	0.985419	1.01002	1.01002	0.181461	0.46112	-2.16863	0.153526	2.30229	2.30229	0.146633	2.34004	2.34004	0.600445	0.74947	-1.33428	0.314922	1.7631	1.7631	0.194081	2.11644	2.11644	0.201497	2.0877	2.0877	0.0119541	5.53666	5.53666	2.37497	11.2009	4.19218	1
cg07536161	CD8B;CD8B;CD8B;CD8B;CD8B	0.11873	0.527448	0.854253	-1.17061	0.0845903	1.59894	1.59894	0.0782323	0.617934	-1.6183	0.1134	1.52785	1.52785	0.05441	0.584496	-1.71088	0.565104	1.15383	1.15383	0.286012	0.761381	-1.3134	0.750771	0.924592	-1.08156	0.264954	0.751374	-1.3309	2.37496	2.27704	0.852238	1
cg04105479	EPHA10	0.118732	0.0517376	0.653077	-1.53121	0.544613	0.888687	-1.12526	0.0324445	0.617618	-1.61912	0.32201	1.21761	1.21761	0.964978	1.00849	1.00849	0.310217	0.817029	-1.22395	0.200754	0.771001	-1.29702	0.845516	0.963154	-1.03826	0.0213007	0.587061	-1.7034	2.37495	1.39313	0.521417	1
cg19797376	TAL1	0.118732	0.161486	3.40703	3.40703	0.0358368	7.40426	7.40426	0.895717	1.1135	1.1135	0.550437	0.609392	-1.64098	0.914123	0.915359	-1.09247	0.324352	2.30353	2.30353	0.771218	0.787381	-1.27003	0.0078875	16.3497	16.3497	0.519225	1.70862	1.70862	2.37494	25.282	9.4625	1
cg03888862	RAB28;RAB28;RAB28	0.118734	0.568584	0.930836	-1.0743	0.0406718	1.3417	1.3417	0.494465	1.09013	1.09013	0.0980148	0.797922	-1.25325	0.883317	0.9819	-1.01843	0.816736	1.02929	1.02929	0.0211474	0.708368	-1.4117	0.421034	1.10765	1.10765	0.920393	1.01251	1.01251	2.37493	0.581872	0.217783	1
cg25314532	C22orf23;POLR2F;C22orf23	0.118735	0.519885	1.26154	1.26154	0.202387	1.61502	1.61502	0.110241	1.85881	1.85881	0.0930257	0.517818	-1.93118	0.576349	0.817882	-1.22267	0.0279811	0.396656	-2.52108	0.186631	0.607384	-1.6464	0.976617	0.989616	-1.01049	0.455244	1.31111	1.31111	2.37492	4.77105	1.78572	1
cg02219197	PROC	0.118741	0.0711002	0.283711	-3.52472	0.0565138	0.259481	-3.85384	0.0139985	0.150151	-6.65995	0.937153	0.951919	-1.05051	0.184607	0.41508	-2.40917	0.155629	0.386995	-2.58401	0.042787	0.232925	-4.29323	0.270084	0.487933	-2.04946	0.265499	0.484295	-2.06486	2.37486	14.6856	5.49669	1
cg23892836	HLA-F;HLA-F;HLA-F	0.118746	0.0624269	3.68438	3.68438	0.38676	1.73621	1.73621	0.311563	1.91749	1.91749	0.117962	2.87387	2.87387	0.240151	2.14852	2.14852	0.330954	1.86598	1.86598	0.13293	0.364895	-2.74051	0.021064	5.61469	5.61469	0.151029	2.6036	2.6036	2.37482	14.5441	5.44382	1
cg14134497	DTNA;DTNA;DTNA	0.118747	0.953395	0.990491	-1.0096	0.878243	1.02538	1.02538	0.0848407	1.36552	1.36552	0.0534443	1.43134	1.43134	0.0152652	0.614476	-1.6274	0.653209	1.07674	1.07674	0.666555	0.931588	-1.07344	0.572407	0.910965	-1.09774	0.821026	1.03774	1.03774	2.37481	1.00511	0.37621	1
cg03425609	GNB3	0.118747	0.683951	1.17575	1.17575	0.679427	0.848415	-1.17867	0.907023	1.0473	1.0473	0.288211	1.54678	1.54678	0.0478622	0.408649	-2.44709	0.113506	0.505984	-1.97635	0.0176385	0.319166	-3.13317	0.72662	1.14896	1.14896	0.133055	0.526715	-1.89856	2.3748	5.88584	2.20307	1
cg10790887	INPP5A	0.118748	0.557257	1.26192	1.26192	0.571243	1.25139	1.25139	0.0481218	2.42364	2.42364	0.362296	1.44336	1.44336	0.331729	1.48063	1.48063	0.402393	1.39914	1.39914	0.00686401	3.94308	3.94308	0.401669	0.714336	-1.3999	0.118335	1.94359	1.94359	2.3748	5.77703	2.16234	1
cg24218925	GNG7	0.118749	0.1352	0.636843	-1.57024	0.464194	0.811596	-1.23214	0.193714	0.680222	-1.47011	0.287303	0.733751	-1.36286	0.152329	0.650752	-1.53668	0.296801	0.738522	-1.35406	0.0045973	0.347504	-2.87767	0.145162	0.64508	-1.5502	0.0864546	0.5882	-1.7001	2.37479	2.95314	1.10537	1
cg24533311	DDX26B	0.118749	0.131095	0.443741	-2.25357	0.0866041	2.5688	2.5688	0.918608	1.05227	1.05227	0.275806	1.75955	1.75955	0.246896	0.546896	-1.8285	0.0203892	0.248279	-4.02773	0.736696	1.18317	1.18317	0.746948	1.17512	1.17512	0.316276	1.67601	1.67601	2.37479	9.34393	3.49745	1
cg07757358	LPP;FLJ42393	0.11875	0.232543	0.741849	-1.34798	0.748717	0.926206	-1.07967	0.145491	0.688794	-1.45181	0.0846342	0.6345	-1.57604	0.629913	0.890648	-1.12278	0.127881	0.675286	-1.48085	0.00614409	0.42626	-2.34598	0.82884	1.053	1.053	0.120166	0.66891	-1.49497	2.37478	2.13979	0.800933	1
cg02997497	FAM19A1	0.118751	0.0807792	0.40278	-2.48275	0.0863355	0.410739	-2.43463	0.225035	0.549681	-1.81924	0.873579	1.07764	1.07764	0.879809	1.07364	1.07364	0.59797	0.778881	-1.28389	0.0052408	0.177398	-5.63705	0.887765	0.935835	-1.06856	0.855605	0.918014	-1.08931	2.37477	8.29444	3.10465	1
cg23366050	USP14;USP14	0.118752	0.0370572	2.88386	2.88386	0.419633	0.697176	-1.43436	0.365258	0.665678	-1.50223	0.780927	1.12971	1.12971	0.0766797	0.422599	-2.36631	0.277007	0.609824	-1.63982	0.0324067	0.334321	-2.99113	0.674504	1.20295	1.20295	0.662313	0.825115	-1.21195	2.37476	7.19724	2.69397	1
cg26764244	GNG12	0.118753	0.238605	0.479076	-2.08735	0.532172	1.45827	1.45827	0.11242	0.356869	-2.80215	0.539212	0.690298	-1.44865	0.0190979	0.184303	-5.42584	0.393724	0.594006	-1.68348	0.0287215	0.214764	-4.65627	0.0584451	0.279495	-3.57788	0.222777	0.465879	-2.14648	2.37475	13.3693	5.00423	1
cg24079811	GLI3	0.118755	0.137745	0.436622	-2.29031	0.0167706	0.220154	-4.54228	0.606174	0.763664	-1.30948	0.54337	1.37565	1.37565	0.0483766	0.310541	-3.22019	0.263114	0.54614	-1.83103	0.0818431	0.367976	-2.71757	0.0612246	0.335014	-2.98495	0.615394	0.769026	-1.30035	2.37474	10.1101	3.78433	1
cg14985891	CASQ2	0.118756	0.123982	0.31417	-3.18299	0.0398998	0.19189	-5.21131	0.00955265	0.102167	-9.78785	0.326264	0.494389	-2.0227	0.116114	0.305172	-3.27684	0.244051	0.428663	-2.33284	0.0567454	0.223397	-4.47633	0.30821	0.480443	-2.08141	0.471851	0.601309	-1.66304	2.37473	18.1682	6.80056	1
cg19361430	MCPH1	0.118757	0.010527	1.90412	1.90412	0.719663	0.930425	-1.07478	0.0422151	0.626103	-1.59718	0.560085	0.888785	-1.12513	0.629368	0.90728	-1.1022	0.259767	0.790396	-1.26519	0.754986	0.939283	-1.06464	0.678466	1.08699	1.08699	0.802777	0.951161	-1.05135	2.37472	1.50575	0.563624	1
cg23327992	IRF9;IRF9	0.118759	0.626955	1.1125	1.1125	0.336468	1.24075	1.24075	0.49027	0.858531	-1.16478	0.959875	1.01101	1.01101	0.504737	0.863006	-1.15874	0.594368	0.889593	-1.12411	0.00388226	0.428921	-2.33143	0.440498	1.18675	1.18675	0.567257	1.13413	1.13413	2.3747	1.78188	0.666986	1
cg01533021	RASL11A	0.118761	0.232016	0.661593	-1.5115	0.314135	0.709583	-1.40928	0.125335	0.578838	-1.7276	0.936477	0.974072	-1.02662	0.0143927	0.370017	-2.70258	0.812918	1.08127	1.08127	0.393337	0.749635	-1.33398	0.0144454	0.370303	-2.70049	0.992427	1.00313	1.00313	2.37468	4.08502	1.5291	1
cg17774851	NR2F1	0.118763	0.280371	2.25355	2.25355	0.00555995	13.9773	13.9773	0.231133	2.4831	2.4831	0.848749	1.14826	1.14826	0.190388	2.72944	2.72944	0.18948	2.73573	2.73573	0.0654014	4.47074	4.47074	0.399251	1.86801	1.86801	0.605956	0.686061	-1.4576	2.37467	19.7188	7.38116	1
cg26743849	MPST;TST;MPST;MPST;MPST	0.118768	0.396672	1.1861	1.1861	0.0690315	0.670269	-1.49194	0.787175	0.948178	-1.05465	0.135033	0.728465	-1.37275	0.24473	0.787189	-1.27034	0.117288	0.715666	-1.3973	0.0133781	0.547479	-1.82655	0.187441	0.759783	-1.31616	0.613422	1.10536	1.10536	2.37462	1.45425	0.544367	1
cg11151820	CCT5;FAM173B	0.118769	0.393237	0.81392	-1.22862	0.0194966	0.514424	-1.94392	0.078461	0.631179	-1.58434	0.315134	0.783072	-1.27702	0.155713	0.699357	-1.42988	0.486368	1.18118	1.18118	0.510917	1.16998	1.16998	0.461364	1.19308	1.19308	0.197282	1.37834	1.37834	2.37461	2.08439	0.780251	1
cg09219196	NPFF	0.118771	0.506084	0.850283	-1.17608	0.0970065	0.645411	-1.5494	0.378483	1.2426	1.2426	0.101535	1.53872	1.53872	0.114665	0.662043	-1.51048	0.201653	1.38282	1.38282	0.22416	1.35929	1.35929	0.0796903	1.59606	1.59606	0.331178	1.27255	1.27255	2.37459	2.17323	0.813514	1
cg19366591	GFI1;GFI1	0.118772	0.753747	0.917327	-1.09012	0.624151	1.14501	1.14501	0.763268	1.08636	1.08636	0.522826	0.837293	-1.19432	0.660477	0.885853	-1.12886	0.631568	1.14165	1.14165	0.964083	0.987729	-1.01242	0.00301555	3.04956	3.04956	0.20753	1.43969	1.43969	2.37458	2.82766	1.05849	1
cg21475150	RPL31;RPL31;RPL31	0.118773	0.0359201	8.63395	8.63395	0.247689	2.90816	2.90816	0.420399	2.06908	2.06908	0.228462	3.05407	3.05407	0.457418	0.512515	-1.95116	0.212581	3.18875	3.18875	0.0316828	9.25132	9.25132	0.023017	11.0394	11.0394	0.291095	2.6318	2.6318	2.37457	29.3415	10.9836	1
cg14018698	NADK	0.118774	0.077454	0.312628	-3.19869	0.459091	0.639812	-1.56296	0.242008	0.484107	-2.06566	0.757889	1.20102	1.20102	0.0373368	0.238937	-4.18521	0.0925513	0.333998	-2.99403	0.0196345	0.188243	-5.31229	0.18439	0.434269	-2.30272	0.0757096	0.310004	-3.22577	2.37457	13.1986	4.94073	1
cg08937380	TMEM61	0.118776	0.320718	0.425265	-2.35147	0.26152	2.65332	2.65332	0.349116	2.23287	2.23287	0.738056	1.32275	1.32275	0.688165	0.714457	-1.39966	0.0901245	4.7427	4.7427	0.324144	2.33641	2.33641	0.129666	3.91338	3.91338	0.00770366	17.3464	17.3464	2.37455	26.1198	9.77768	1
cg18648982	FANCM	0.118776	0.0382292	0.102395	-9.76608	0.0967579	0.17731	-5.63983	0.165278	0.245537	-4.07271	0.316845	0.374621	-2.66936	0.0377319	0.101607	-9.84181	0.453976	0.484934	-2.06214	0.0188615	0.0672786	-14.8636	0.245251	0.315619	-3.16838	0.0767676	0.154497	-6.47262	2.37455	33.8579	12.6744	1
cg01433914	ADD3;ADD3;ADD3	0.118779	0.0515455	0.244908	-4.08316	0.0491927	0.24044	-4.15905	0.228147	0.447976	-2.23226	0.494699	0.643913	-1.553	0.209817	0.432129	-2.31412	0.258015	0.47271	-2.11546	0.0167463	0.156664	-6.38311	0.029513	0.196507	-5.08888	0.367593	0.555694	-1.79955	2.37452	15.1557	5.67345	1
cg06556616	ESCO2;ESCO2	0.118779	?	?	?	0.191555	0.243315	-4.1099	0.870573	0.847681	-1.17969	0.247893	0.291574	-3.42966	?	?	?	0.616592	1.66889	1.66889	0.0557693	0.106502	-9.38947	0.0573695	0.108519	-9.21494	0.0264373	0.0645676	-15.4876	2.56284	31.7326	12.3818	1
cg11375622	HSF1;BOP1	0.118779	0.0316433	2.33402	2.33402	0.490969	0.790291	-1.26536	0.587317	0.831646	-1.20244	0.0421724	2.19782	2.19782	0.537432	1.23377	1.23377	?	?	?	0.201183	0.635006	-1.57479	0.374424	1.35894	1.35894	0.164567	1.64682	1.64682	2.39777	3.82024	1.59325	1
cg17227621	KCNQ1;KCNQ1	0.11878	0.0199662	0.449681	-2.2238	0.421588	0.791652	-1.26318	0.44927	0.802982	-1.24536	0.197215	0.678451	-1.47395	0.00864031	0.385671	-2.59288	0.101023	0.599848	-1.66709	0.907582	0.967492	-1.0336	0.290389	0.731794	-1.3665	0.622828	0.86842	-1.15152	2.37451	3.0456	1.14011	1
cg07073072	NCRNA00162	0.11878	0.51383	0.883253	-1.13218	0.449185	0.865369	-1.15558	0.335254	1.2048	1.2048	0.193687	1.29416	1.29416	0.925026	0.982506	-1.01781	0.685882	1.07922	1.07922	0.0181954	1.7119	1.7119	0.840633	0.962953	-1.03847	0.0372651	0.635518	-1.57352	2.37451	1.32212	0.494933	1
cg07283616	C3orf16	0.118781	0.145792	1.24448	1.24448	0.200809	0.827598	-1.20832	0.236474	1.18973	1.18973	0.0225124	0.682004	-1.46627	0.106553	0.781297	-1.27992	0.316299	1.15615	1.15615	0.720343	0.9509	-1.05164	0.332585	0.869371	-1.15026	0.833988	1.02983	1.02983	2.3745	0.737627	0.276129	1
cg12263219	LNP1;TOMM70A;LNP1	0.118781	0.181921	0.849678	-1.17692	0.134903	1.20358	1.20358	0.122052	1.21249	1.21249	0.169208	0.845027	-1.18339	0.504855	1.08091	1.08091	0.666301	0.951344	-1.05114	0.508649	0.925809	-1.08014	0.418963	0.909422	-1.0996	0.0265888	1.35279	1.35279	2.3745	0.497086	0.186083	1
cg26356176	SNX18;SNX18;SNX18	0.118782	0.124221	0.765992	-1.3055	0.275004	0.833702	-1.19947	0.185722	0.798746	-1.25196	0.851118	1.03055	1.03055	0.083917	1.35837	1.35837	0.227122	0.816225	-1.22515	0.047633	0.695756	-1.43729	0.769174	0.953968	-1.04825	0.137296	1.29214	1.29214	2.3745	0.964474	0.36105	1
cg17568409	STK17A	0.118784	0.0535873	0.664064	-1.50588	0.0739994	1.45045	1.45045	0.361133	1.19163	1.19163	0.101842	1.39717	1.39717	0.251498	0.799524	-1.25074	0.761561	0.94475	-1.05848	0.0749635	1.44826	1.44826	0.846898	0.964544	-1.03676	0.552978	1.11861	1.11861	2.37448	1.31163	0.491011	1
cg19850545	RBX1	0.118784	0.808234	1.02276	1.02276	0.124448	1.16642	1.16642	0.134266	1.16117	1.16117	0.587613	0.950593	-1.05197	0.0317341	1.26236	1.26236	0.315258	1.10086	1.10086	0.0381441	0.800606	-1.24905	0.47552	1.06945	1.06945	0.757326	1.0291	1.0291	2.37448	0.322039	0.120556	1
cg01811315	CAMTA2;CAMTA2;CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.118786	0.734257	1.06049	1.06049	0.304811	1.20101	1.20101	0.994273	1.00124	1.00124	0.666307	0.927948	-1.07765	0.0773814	0.712905	-1.40271	0.0975726	0.731006	-1.36798	0.0259616	0.634067	-1.57712	0.0761873	0.711712	-1.40506	0.352185	1.17942	1.17942	2.37446	1.11728	0.418259	1
cg26792116	MECOM;MECOM;MECOM;MECOM;MECOM;MECOM;MECOM	0.118793	0.828312	1.1113	1.1113	0.0448242	3.0618	3.0618	0.0479029	3.00104	3.00104	0.60111	0.773897	-1.29216	0.415754	0.667527	-1.49807	0.071778	0.37652	-2.6559	0.255686	0.561822	-1.77992	0.438521	1.46808	1.46808	0.395954	1.52563	1.52563	2.3744	8.87879	3.3239	1
cg03728296	SLC26A10	0.118793	0.227742	1.78535	1.78535	0.260674	1.71094	1.71094	0.693504	1.1988	1.1988	0.99726	0.998429	-1.00157	0.0563862	2.68851	2.68851	0.137749	2.07855	2.07855	0.0115628	4.24409	4.24409	0.0293181	3.23872	3.23872	0.652837	1.23033	1.23033	2.3744	7.8805	2.95018	1
cg06836849	SLC17A8;SLC17A8;SLC17A8;SLC17A8	0.118798	0.211244	0.497156	-2.01144	0.11154	2.50838	2.50838	0.543389	0.721538	-1.38593	0.880173	0.923079	-1.08333	0.0108491	0.183159	-5.45974	0.687538	1.23928	1.23928	0.473257	0.679067	-1.47261	0.0762766	0.35117	-2.84762	0.992013	1.00533	1.00533	2.37435	10.5868	3.96338	1
cg26530345	SPEG	0.118798	0.367243	0.71943	-1.38999	0.253551	1.52795	1.52795	0.191165	1.63565	1.63565	0.0804241	1.99257	1.99257	0.126275	0.555388	-1.80054	0.808919	1.08995	1.08995	0.0698988	0.486478	-2.05559	0.184556	1.6493	1.6493	0.283933	0.673165	-1.48552	2.37435	4.75309	1.77942	1
ch.8.1681415R	TPD52;TPD52	0.118799	0.142949	0.377999	-2.64551	0.00458204	0.0970742	-10.3014	0.0434162	0.238052	-4.20077	0.694089	0.783285	-1.27668	0.189119	0.423322	-2.36227	0.631608	0.741928	-1.34784	0.37632	0.570635	-1.75243	0.6547	0.75717	-1.32071	0.741762	0.815192	-1.22671	2.37434	14.3583	5.37537	1
cg00645917	MCM10;MCM10	0.1188	0.736039	0.850984	-1.17511	0.348931	1.58388	1.58388	0.500431	0.721671	-1.38567	0.517473	1.36747	1.36747	0.00904163	0.205464	-4.86703	0.614004	1.27449	1.27449	0.0358488	0.312069	-3.20442	0.464318	0.701035	-1.42646	0.583709	0.768034	-1.30203	2.37433	8.55308	3.20206	1
cg06851936	WDR73	0.118809	0.392184	0.900545	-1.11044	0.979757	1.00304	1.00304	0.188157	1.18134	1.18134	0.352865	1.12102	1.12102	0.0291233	1.35971	1.35971	0.827342	1.02645	1.02645	0.0243866	0.725747	-1.37789	0.90779	0.986249	-1.01394	0.356094	1.12011	1.12011	2.37425	0.536976	0.201037	1
cg22920501	FAM59B	0.118809	0.09778	7.12024	7.12024	0.0341584	14.4562	14.4562	0.252538	3.63832	3.63832	0.256414	3.59703	3.59703	0.166529	4.92341	4.92341	0.554625	1.90756	1.90756	0.0682068	9.08529	9.08529	0.0155427	24.6981	24.6981	0.0681313	9.09206	9.09206	2.37425	43.9099	16.4393	1
cg26926765	C6orf142	0.11881	0.48657	0.755669	-1.32333	0.027464	0.355757	-2.81091	0.0395156	0.389208	-2.56932	0.74046	0.876576	-1.1408	0.540295	0.782175	-1.27849	0.746282	0.879283	-1.13729	0.0215765	0.33503	-2.98481	0.424629	1.38144	1.38144	0.161131	0.552613	-1.80958	2.37425	5.90519	2.21083	1
cg06878808	PADI3	0.11881	0.103732	0.70056	-1.42743	0.967249	1.00825	1.00825	0.0967908	0.694461	-1.43997	0.840183	1.04121	1.04121	0.538654	0.882922	-1.1326	0.0142432	0.54622	-1.83077	0.844197	1.04014	1.04014	0.0323351	0.605769	-1.65079	0.714406	1.07628	1.07628	2.37424	1.50441	0.563235	1
cg17450589	GPR177;GPR177	0.118812	0.132895	0.672722	-1.4865	0.764939	1.07607	1.07607	0.00523117	0.406295	-2.46127	0.24595	0.743281	-1.34539	0.0752408	0.616126	-1.62304	0.54871	0.862118	-1.15993	0.122203	0.663945	-1.50615	0.449864	0.828399	-1.20715	0.372742	0.799529	-1.25074	2.37423	2.2478	0.841557	1
cg25934673	PTPRN2;PTPRN2;PTPRN2	0.118812	0.187495	1.51375	1.51375	0.883533	1.04447	1.04447	0.887339	0.958801	-1.04297	0.0148362	0.410834	-2.43407	0.232924	1.44952	1.44952	0.305241	1.37039	1.37039	0.527849	0.827097	-1.20905	0.0672146	0.544017	-1.83818	0.822693	0.935559	-1.06888	2.37422	3.31229	1.24009	1
cg18593660	NAV2	0.118814	0.0673418	0.430108	-2.325	0.204495	0.576329	-1.73512	0.328257	0.660131	-1.51485	0.548409	0.778847	-1.28395	0.0439893	0.385728	-2.5925	0.343418	0.669179	-1.49437	0.0128623	0.280464	-3.56552	0.0338968	0.360841	-2.7713	0.406344	0.704958	-1.41852	2.37421	6.36951	2.38471	1
cg01162053	SLC23A2	0.118816	0.20604	1.86562	1.86562	0.0542567	0.360174	-2.77643	0.10499	0.436832	-2.28921	0.175954	1.95949	1.95949	0.64137	0.803082	-1.2452	0.279741	0.591364	-1.69101	0.424943	1.46363	1.46363	0.242828	0.564738	-1.77073	0.0678061	0.384288	-2.60221	2.37419	8.21801	3.0768	1
cg03937605	AMPD2;AMPD2;AMPD2	0.11882	0.229222	1.24876	1.24876	0.0516834	1.47683	1.47683	0.456591	0.875035	-1.14281	0.156448	1.3059	1.3059	0.282869	1.21709	1.21709	0.0477956	0.671363	-1.48951	0.977783	1.00491	1.00491	0.299034	1.20866	1.20866	0.104552	1.36667	1.36667	2.37415	1.1656	0.436404	1
cg10841064	ZNF645;ZNF645	0.118821	0.53255	1.40652	1.40652	0.73236	0.830903	-1.20351	0.0978794	0.375358	-2.66412	0.63526	0.772713	-1.29414	0.0254894	0.238702	-4.18933	0.677198	1.25346	1.25346	0.0371225	3.69106	3.69106	0.336183	1.70765	1.70765	0.963504	0.975611	-1.025	2.37415	10.9491	4.09937	1
cg03627944	CC2D2B;CC2D2B	0.118821	0.971628	1.01206	1.01206	0.0403743	0.45018	-2.22133	0.0253193	0.408113	-2.4503	0.826708	0.928763	-1.0767	0.564579	0.821776	-1.21688	0.889587	1.04793	1.04793	0.271102	1.47136	1.47136	0.0308615	0.425503	-2.35016	0.419098	0.757092	-1.32084	2.37414	4.2718	1.59938	1
cg15380657	FGF3	0.118822	0.0897532	0.830122	-1.20464	0.900923	1.01247	1.01247	0.512231	1.0684	1.0684	0.348814	1.10077	1.10077	0.83151	1.02144	1.02144	0.0477771	0.798283	-1.25269	0.0184414	0.752345	-1.32918	0.896063	0.987074	-1.0131	0.156702	0.86003	-1.16275	2.37413	0.372569	0.139492	1
cg02323356	SPEG	0.118826	0.466838	1.35046	1.35046	0.53682	0.775869	-1.28888	0.554025	0.784364	-1.27492	0.9677	0.983704	-1.01657	0.141411	1.89967	1.89967	0.0497894	2.47931	2.47931	0.0162274	3.29681	3.29681	0.0550603	2.41723	2.41723	0.779963	1.12035	1.12035	2.3741	6.19081	2.31791	1
cg11497017	PPM1H	0.11883	0.502674	0.83937	-1.19137	0.0263826	0.507741	-1.96951	0.34477	1.28465	1.28465	0.137556	0.662398	-1.50967	0.0415209	0.546063	-1.83129	0.330274	1.29511	1.29511	0.46019	1.21355	1.21355	0.166788	0.68425	-1.46146	0.641061	0.886158	-1.12847	2.37407	2.49128	0.932774	1
cg15084921	TRIO	0.11883	0.237985	1.19436	1.19436	0.455557	0.896547	-1.11539	0.107597	0.77699	-1.28702	0.0325854	1.43247	1.43247	0.0719236	0.749259	-1.33465	0.403655	1.13065	1.13065	0.21341	0.828393	-1.20716	0.569784	0.920776	-1.08604	0.942394	0.989669	-1.01044	2.37406	0.776329	0.290671	1
cg24019371	AJAP1;AJAP1	0.118831	0.0879958	1.3278	1.3278	0.528853	0.908395	-1.10084	0.27612	1.18601	1.18601	0.281756	1.18347	1.18347	0.0389396	1.43326	1.43326	0.60134	0.923686	-1.08262	0.230421	1.2086	1.2086	0.994064	1.00112	1.00112	0.0140901	1.57826	1.57826	2.37406	0.852619	0.319236	1
cg02918893	ATP13A2;ATP13A2;ATP13A2	0.118833	0.467917	0.90349	-1.10682	0.0526077	1.35363	1.35363	0.136947	1.24626	1.24626	0.59837	0.929562	-1.07578	0.868834	1.02297	1.02297	0.258627	0.850475	-1.17581	0.270044	0.854006	-1.17095	0.142973	1.24151	1.24151	0.0399388	1.38583	1.38583	2.37404	0.709961	0.265824	1
cg05348668	PMS1;PMS1;PMS1	0.118833	0.733359	0.939128	-1.06482	0.438645	1.15614	1.15614	0.232337	0.794496	-1.25866	0.652541	1.0868	1.0868	0.71012	0.933724	-1.07098	0.595751	0.90634	-1.10334	0.0120052	1.77803	1.77803	0.0453821	0.656023	-1.52434	0.803554	0.955255	-1.04684	2.37403	1.26837	0.474903	1
cg27408600	RAPGEF3;RAPGEF3;RAPGEF3	0.118835	0.506027	0.668968	-1.49484	0.363047	0.572956	-1.74533	0.811583	1.1529	1.1529	0.352462	0.565494	-1.76837	0.0380759	0.238728	-4.18887	0.762075	1.19831	1.19831	0.0579461	3.58598	3.58598	0.0934103	3.00234	3.00234	0.188533	2.29343	2.29343	2.37402	13.346	4.99706	1
cg03085377	RB1	0.118837	0.25559	1.72698	1.72698	0.192958	1.88565	1.88565	0.889652	1.06599	1.06599	0.853274	1.08897	1.08897	0.0455019	2.87449	2.87449	0.116148	2.19472	2.19472	0.0062234	5.1644	5.1644	0.235172	1.77321	1.77321	0.228237	1.78998	1.78998	2.374	7.96831	2.98355	1
cg16352527	ADAMTS14;ADAMTS14	0.118838	0.0279326	0.170234	-5.87427	0.146787	0.345919	-2.89085	0.554485	0.66528	-1.50313	0.0210084	0.150691	-6.63611	0.0757871	0.259968	-3.84663	0.459252	0.598291	-1.67143	0.789171	0.83303	-1.20044	0.205039	0.401917	-2.48807	0.0376337	0.193227	-5.17527	2.37399	17.4713	6.54174	1
cg23429966	TSSC1	0.118838	0.101057	0.521945	-1.91591	0.0191698	0.358365	-2.79045	0.731451	1.13285	1.13285	0.217676	1.5993	1.5993	0.0289788	0.393705	-2.53997	0.288902	0.671248	-1.48976	0.618927	0.833976	-1.19908	0.427286	0.745667	-1.34108	0.661847	0.852696	-1.17275	2.37399	4.92933	1.84568	1
cg22334618	AACS	0.118839	0.167603	0.727514	-1.37454	0.521143	1.15102	1.15102	0.167417	1.37476	1.37476	0.267984	0.779146	-1.28346	0.0452797	0.608523	-1.64332	0.405247	1.20222	1.20222	0.043159	1.65394	1.65394	0.698465	0.919252	-1.08784	0.51248	1.15451	1.15451	2.37398	1.75878	0.658538	1
cg11487977	ZNF846	0.118839	0.741771	0.957722	-1.04414	0.944901	0.991011	-1.00907	0.851844	1.02473	1.02473	0.50207	1.09308	1.09308	0.633056	0.939097	-1.06485	0.456909	0.905764	-1.10404	0.0286808	0.713792	-1.40097	0.118454	1.24786	1.24786	0.0245741	1.41879	1.41879	2.37398	0.641677	0.240263	1
cg17809276	C1orf9;C1orf9	0.118842	0.0856178	0.72565	-1.37807	0.769298	1.05089	1.05089	0.0380267	1.50071	1.50071	0.343601	0.848174	-1.179	0.226099	0.806915	-1.23929	0.300347	1.19859	1.19859	0.405129	1.15461	1.15461	0.381391	1.16362	1.16362	0.0740974	1.39926	1.39926	2.37396	1.07108	0.40105	1
cg10185424	CD180	0.118844	0.730184	1.1744	1.1744	0.122168	0.45937	-2.17689	0.167457	0.504973	-1.9803	0.0560234	0.366034	-2.73198	0.126466	0.464108	-2.15467	0.731344	0.852115	-1.17355	0.0258883	0.292827	-3.41498	0.159747	2.00886	2.00886	0.489755	0.721956	-1.38513	2.37394	8.10652	3.03538	1
cg19218988	CXorf41;NUP62CL;CXorf41	0.118848	0.12926	0.190962	-5.23663	0.696129	1.48652	1.48652	0.636059	1.61847	1.61847	0.688781	0.665875	-1.50178	0.259206	0.304547	-3.28357	0.94039	1.07847	1.07847	0.471006	0.476798	-2.09732	0.00621118	36.7285	36.7285	0.628754	1.63573	1.63573	2.37391	38.3578	14.3628	1
cg05348123	SCRG1	0.118848	0.253451	0.538845	-1.85582	0.46384	1.47189	1.47189	0.598165	1.31749	1.31749	0.472876	1.4601	1.4601	0.00798907	0.171606	-5.82729	0.488273	1.44056	1.44056	0.54235	0.726341	-1.37676	0.257033	1.84647	1.84647	0.20019	0.495814	-2.01689	2.3739	10.1053	3.78385	1
cg16100749	CHMP6	0.118848	0.143542	0.834657	-1.1981	0.0183785	0.719663	-1.38954	0.566537	0.935549	-1.06889	0.0809651	0.800511	-1.2492	0.795616	1.0303	1.0303	0.151608	0.838063	-1.19323	0.123643	1.21138	1.21138	0.951021	0.992961	-1.00709	0.642811	1.05517	1.05517	2.3739	0.49714	0.18615	1
cg10461560	MEGF11	0.118848	0.219328	0.606797	-1.648	0.0125555	0.301008	-3.32218	0.24994	0.628144	-1.59199	0.616065	0.822403	-1.21595	0.0624545	0.444438	-2.25003	0.599228	0.814582	-1.22762	0.0234937	0.351174	-2.84759	0.0919399	0.487968	-2.04932	0.394685	0.713804	-1.40095	2.3739	5.62329	2.1056	1
cg18514922	LY75	0.118849	0.052631	25.6988	25.6988	0.26515	5.53533	5.53533	0.255206	5.75663	5.75663	0.293692	4.97764	4.97764	?	?	?	0.368618	3.89881	3.89881	0.475234	2.91499	2.91499	0.0126632	96.1891	96.1891	0.0333531	39.0236	39.0236	2.39714	73.2713	30.5662	1
cg08017326	CXCL2	0.11885	0.341898	0.761761	-1.31275	0.101736	0.607859	-1.64512	0.227989	0.70354	-1.42138	0.0203076	2.17586	2.17586	0.0852161	0.589319	-1.69687	0.548352	0.8447	-1.18385	0.484167	0.820727	-1.21843	0.685274	0.892954	-1.11988	0.411221	1.263	1.263	2.37388	2.9031	1.08705	1
cg05604487	HRNBP3	0.118858	0.914967	1.0643	1.0643	0.660228	0.772529	-1.29445	0.940779	1.0443	1.0443	0.704101	0.800425	-1.24934	0.0279507	0.219782	-4.54997	0.147481	0.403835	-2.47626	0.0202148	0.195166	-5.12384	0.543272	0.698398	-1.43185	0.0272166	0.217657	-4.59438	2.37381	12.7964	4.79172	1
cg17719818	CEACAM16	0.118862	0.106598	0.321468	-3.11072	0.0886474	0.298281	-3.35254	0.179506	0.399201	-2.505	0.331113	1.90766	1.90766	0.0392092	0.215061	-4.64984	0.22587	0.440813	-2.26854	0.055978	0.24798	-4.03258	0.0579037	0.251359	-3.97837	0.893739	0.917523	-1.08989	2.37377	15.5964	5.84028	1
cg05691934	WNT5B;WNT5B	0.118864	0.976479	1.00448	1.00448	0.821348	1.0349	1.0349	0.0917606	1.32521	1.32521	0.778006	0.95804	-1.0438	0.397527	0.876879	-1.14041	0.0607948	1.37791	1.37791	0.0201387	1.52977	1.52977	0.0597145	1.38024	1.38024	0.213703	1.21967	1.21967	2.37376	0.864783	0.32383	1
cg05663480	NFASC;NFASC;NFASC;NFASC;NFASC	0.118864	0.0877861	0.26234	-3.81185	0.00660187	0.0817212	-12.2367	0.0446533	0.19455	-5.14006	0.442361	0.573354	-1.74412	0.158972	0.343327	-2.91268	0.1843	0.367854	-2.71847	0.152426	0.336718	-2.96985	0.366475	0.517441	-1.93259	0.372872	0.522231	-1.91486	2.37376	18.9589	7.09943	1
cg17248267	FEZ2;FEZ2	0.118864	0.591033	0.832737	-1.20086	0.0153104	2.73074	2.73074	0.0218042	2.53172	2.53172	0.903654	0.959962	-1.04171	0.877317	1.05351	1.05351	0.954078	1.01962	1.01962	0.499522	1.26022	1.26022	0.717897	0.884777	-1.13023	0.214453	0.643392	-1.55426	2.37376	4.28056	1.60292	1
cg27254661	SPR	0.118865	0.11822	0.491667	-2.0339	0.116445	2.04211	2.04211	0.286625	0.629313	-1.58903	0.136686	0.511168	-1.9563	0.036409	0.361331	-2.76755	0.15775	0.531418	-1.88176	0.126973	0.501145	-1.99543	0.688305	1.18386	1.18386	0.154801	0.528691	-1.89146	2.37375	6.58592	2.4662	1
cg09303150	SLC36A4	0.118868	0.0371329	0.350303	-2.85467	0.144012	0.506419	-1.97465	0.0983556	0.455754	-2.19417	0.33796	0.651691	-1.53447	0.735518	0.863324	-1.15831	0.448374	1.39782	1.39782	0.0580877	0.395155	-2.53065	0.4689	0.726569	-1.37633	0.021443	0.301841	-3.313	2.37372	7.06399	2.64525	1
cg05229381	INSR;INSR	0.118868	0.11457	0.702117	-1.42426	0.254139	0.782402	-1.27812	0.0860657	0.676476	-1.47825	0.523505	0.875262	-1.14251	0.804879	0.950273	-1.05233	0.761986	0.939322	-1.0646	0.0132973	1.88159	1.88159	0.364273	0.825209	-1.21181	0.55361	0.883839	-1.13143	2.37372	1.59644	0.597819	1
cg26374823	TUSC3;TUSC3	0.118869	0.21288	0.884886	-1.13009	0.488131	0.936451	-1.06786	0.125074	1.16739	1.16739	0.686808	0.96292	-1.03851	0.370309	0.917812	-1.08955	0.0382317	0.799401	-1.25094	0.902799	0.988675	-1.01145	0.284005	1.10933	1.10933	0.0482555	1.23418	1.23418	2.37371	0.326698	0.122339	1
cg17694494	CCDC148;CCDC148	0.118879	0.738498	1.15293	1.15293	0.592758	0.795089	-1.25772	0.411163	0.699818	-1.42894	0.921827	1.04257	1.04257	0.00407609	0.194488	-5.14171	0.628087	0.81275	-1.23039	0.535653	0.766123	-1.30527	0.317458	0.644739	-1.55101	0.048335	0.38357	-2.60708	2.37362	6.78163	2.53963	1
cg15282281	MIR346;GRID1	0.11888	0.228088	0.494088	-2.02393	0.189901	0.46128	-2.16788	0.0529878	0.29361	-3.40588	0.146043	2.38617	2.38617	0.319287	0.563504	-1.77461	0.807737	0.872956	-1.14553	0.0365312	0.258141	-3.87386	0.337311	1.73547	1.73547	0.402786	1.6115	1.6115	2.37361	11.6754	4.37229	1
cg11807689	RHBDL2	0.11888	0.117713	0.571571	-1.74956	0.91573	0.965752	-1.03546	0.226823	0.658512	-1.51857	0.423401	1.30892	1.30892	0.0176392	0.386553	-2.58697	0.470325	0.785207	-1.27355	0.0711477	0.514966	-1.94188	0.039813	0.457283	-2.18683	0.205782	0.644393	-1.55185	2.37361	4.07496	1.52602	1
cg01933519	LEPR;LEPR;LEPROT;LEPR	0.118882	0.648515	0.894833	-1.11753	0.0726883	0.615803	-1.62389	0.0169855	0.4942	-2.02347	0.372337	0.801105	-1.24828	0.565444	0.868764	-1.15106	0.645788	0.893994	-1.11858	0.243051	0.743948	-1.34418	0.0545694	1.69557	1.69557	0.473807	0.838291	-1.1929	2.3736	2.20388	0.825332	1
cg16110455	HSPB7;HSPB7	0.118883	0.746435	1.24139	1.24139	0.00388335	13.3539	13.3539	0.0399417	4.8677	4.8677	0.925174	1.06461	1.06461	0.339959	1.92605	1.92605	0.423413	1.7245	1.7245	0.672833	1.3272	1.3272	0.899554	1.08781	1.08781	0.899562	1.0878	1.0878	2.37359	16.699	6.25362	1
cg13672444	STRAP	0.118884	0.514334	0.821268	-1.21763	0.0703858	0.5476	-1.82615	0.242928	0.694992	-1.43886	0.646479	1.14742	1.14742	0.00669843	0.350907	-2.84976	0.512861	0.820685	-1.21849	0.0623522	0.535433	-1.86765	0.8942	1.04042	1.04042	0.638965	0.868748	-1.15108	2.37358	3.33306	1.24821	1
cg10490645	NCAM1;NCAM1;NCAM1	0.118886	0.0631522	0.378811	-2.63984	0.672994	0.821056	-1.21794	0.951313	0.972038	-1.02877	0.947261	1.0312	1.0312	0.0163148	0.255651	-3.91158	0.735088	0.854071	-1.17086	0.0149965	0.249344	-4.01053	0.884643	1.06975	1.06975	0.355906	0.643354	-1.55436	2.37356	8.10965	3.03703	1
cg16419354	FAM163A	0.118886	0.0690613	19.9104	19.9104	0.174371	8.3691	8.3691	0.376469	3.79826	3.79826	0.091804	15.3236	15.3236	0.14558	9.95131	9.95131	0.0599088	22.6767	22.6767	0.0137407	88.1906	88.1906	0.326366	4.43701	4.43701	0.0519619	25.8249	25.8249	2.37356	81.2785	30.4385	1
cg02028540	TRADD;FBXL8	0.118887	0.13029	1.2249	1.2249	0.408096	1.11076	1.11076	0.86143	0.978544	-1.02193	0.829363	0.973562	-1.02716	0.694169	1.05028	1.05028	0.896016	0.983898	-1.01637	0.140321	0.82124	-1.21767	0.00603839	1.56089	1.56089	0.877446	0.981025	-1.01934	2.37355	0.579349	0.216964	1
cg10938221	KIAA0564	0.118887	0.613626	0.735511	-1.3596	0.0354095	0.228114	-4.38378	0.0294298	0.212781	-4.69966	0.255941	2.04526	2.04526	0.189552	0.432379	-2.31279	0.333444	0.547745	-1.82567	0.715883	0.802079	-1.24676	0.141157	2.5983	2.5983	0.900868	0.927567	-1.07809	2.37355	13.6852	5.12507	1
cg17336577	CDON	0.118894	0.201623	0.788483	-1.26826	0.00876571	1.80105	1.80105	0.632851	1.08852	1.08852	0.912843	1.01948	1.01948	0.56972	1.10655	1.10655	0.618887	0.915416	-1.0924	0.3597	0.847075	-1.18053	0.716266	1.06644	1.06644	0.0674833	1.43484	1.43484	2.37349	1.16755	0.437257	1
cg08248849	PLEKHG3	0.118896	0.11815	0.483062	-2.07013	0.0283736	0.329649	-3.03353	0.0384253	0.357481	-2.79735	0.358941	0.667282	-1.49862	0.0555739	0.394402	-2.53548	0.395832	0.688721	-1.45197	0.072044	0.422689	-2.36581	0.0639126	0.409379	-2.44272	0.949405	1.02759	1.02759	2.37347	6.91373	2.58926	1
cg07109804	FAM103A1	0.118897	0.0847201	0.260219	-3.84291	0.111926	0.294565	-3.39484	0.309618	0.475971	-2.10097	0.5325	0.639921	-1.56269	0.0550835	0.215306	-4.64455	0.312835	0.47848	-2.08995	0.0172734	0.129015	-7.75103	0.0306587	0.166473	-6.00697	0.11612	0.299468	-3.33926	2.37347	18.7411	7.01873	1
cg14230166	C19orf6;C19orf6	0.118897	0.303572	1.47728	1.47728	0.921019	0.964335	-1.03698	0.213489	1.61558	1.61558	0.0218627	0.365153	-2.73858	0.757747	0.892889	-1.11996	0.0251546	0.377133	-2.65158	0.87085	1.06139	1.06139	0.851093	0.933498	-1.07124	0.395514	1.37526	1.37526	2.37346	5.04057	1.88775	1
cg25149125	KRT5	0.118897	0.522015	0.789191	-1.26712	0.0442365	2.32371	2.32371	0.0480362	2.28073	2.28073	0.869463	1.06184	1.06184	0.259325	0.650951	-1.53621	0.720613	1.13999	1.13999	0.0267901	2.60426	2.60426	0.196385	1.64604	1.64604	0.664174	1.17277	1.17277	2.37346	5.00334	1.87381	1
cg16713265	POU5F1	0.118898	0.0337314	0.390742	-2.55923	0.0637727	0.453975	-2.20276	0.784622	1.1094	1.1094	0.279859	0.653297	-1.5307	0.0513508	0.431395	-2.31806	0.0883078	0.490332	-2.03944	0.389429	0.715921	-1.3968	0.749904	1.12885	1.12885	0.042648	0.41295	-2.4216	2.37346	5.39842	2.02177	1
cg05578673	LRRC8D;LRRC8D	0.118898	0.172266	0.554578	-1.80317	0.0473944	2.51041	2.51041	0.0187128	3.17806	3.17806	0.924904	0.962466	-1.039	0.234895	0.603374	-1.65735	0.702765	1.16833	1.16833	0.900303	0.950413	-1.05217	0.7526	0.879573	-1.13692	0.342667	0.672528	-1.48693	2.37345	6.18973	2.31813	1
cg05551889	CRYGN	0.118899	0.292397	0.767126	-1.30357	0.501864	0.847542	-1.17988	0.282299	1.31147	1.31147	0.191519	0.714922	-1.39875	0.298652	0.76994	-1.2988	0.0416153	1.76842	1.76842	0.0402339	0.562604	-1.77745	0.164196	0.697516	-1.43366	0.781992	0.934894	-1.06964	2.37345	2.21399	0.829168	1
cg27659035	CHRNB3	0.118903	0.333726	1.41888	1.41888	0.246088	0.653331	-1.53062	0.231513	0.643796	-1.55329	0.365113	1.38618	1.38618	0.0625089	0.479206	-2.08678	0.252765	1.52071	1.52071	0.272731	1.49269	1.49269	0.0703117	0.491682	-2.03383	0.121003	0.554317	-1.80402	2.37341	4.62867	1.73353	1
cg12533363	PLK2	0.118905	0.00888207	0.585133	-1.70901	0.145797	1.28574	1.28574	0.36481	0.86082	-1.16168	0.0988014	0.747292	-1.33817	0.129119	0.768028	-1.30204	0.999657	0.999931	-1.00007	0.522438	0.900927	-1.10997	0.736736	0.947145	-1.0558	0.995301	0.999053	-1.00095	2.37339	0.973666	0.36466	1
cg18764007	ZFP91;ZFP91-CNTF	0.118907	0.846072	1.07464	1.07464	0.260195	0.647264	-1.54497	0.0847759	2.02595	2.02595	0.0652408	0.464586	-2.15245	0.143126	1.79114	1.79114	0.0571562	2.21905	2.21905	0.244131	0.636772	-1.57042	0.93454	0.970032	-1.03089	0.578485	1.23107	1.23107	2.37337	5.15684	1.93137	1
cg16677947	DEFB4	0.118911	0.641962	0.91231	-1.09612	0.688077	1.08231	1.08231	0.00624088	0.497271	-2.01098	0.101765	0.703921	-1.42061	0.0857284	0.689192	-1.45097	0.745568	0.938179	-1.0659	0.0983504	0.700956	-1.42662	0.51682	0.87913	-1.13749	0.249182	0.78973	-1.26626	2.37333	1.44395	0.540805	1
cg01244346	TET3	0.118914	0.644217	0.777267	-1.28656	0.0443892	3.49411	3.49411	0.162178	2.24485	2.24485	0.448896	1.51913	1.51913	0.166432	0.449572	-2.22434	0.0937946	0.368452	-2.71406	0.772857	0.854864	-1.16978	0.0616755	3.12799	3.12799	0.842436	1.11387	1.11387	2.37331	11.0352	4.13309	1
ch.1.4512450F	URB2	0.118915	0.0552583	0.41124	-2.43167	0.120569	0.502327	-1.99073	0.0445577	0.389368	-2.56827	0.0117751	0.276249	-3.61992	0.134272	0.516688	-1.93541	0.265852	0.622432	-1.6066	0.104768	0.484331	-2.0647	0.221998	0.591636	-1.69023	0.476059	0.743538	-1.34492	2.3733	6.2854	2.35411	1
cg07005173	ALOX12B	0.118915	0.421353	0.708532	-1.41137	0.018248	3.32659	3.32659	0.654343	0.827751	-1.20809	0.923294	0.960407	-1.04122	0.401116	1.43404	1.43404	0.241598	0.598004	-1.67223	0.105472	0.476205	-2.09993	0.236849	1.68182	1.68182	0.155808	1.89077	1.89077	2.3733	6.61376	2.4771	1
cg25935911	DBC1	0.118916	0.0998947	0.483983	-2.06619	0.380999	1.43573	1.43573	0.695242	1.17171	1.17171	0.22809	0.600974	-1.66396	0.0455648	0.397397	-2.51637	0.494006	0.756119	-1.32254	0.0805603	0.458364	-2.18167	0.0218701	0.330466	-3.02603	0.237726	0.607855	-1.64513	2.3733	6.08935	2.28069	1
cg27420674	ALDH16A1;ALDH16A1	0.118917	0.0547472	0.383083	-2.6104	0.11583	0.471075	-2.12281	0.0227954	0.301189	-3.32017	0.53863	0.7602	-1.31544	0.0189282	0.286022	-3.49624	0.0729983	0.414509	-2.4125	0.664211	0.825014	-1.2121	0.604482	0.794439	-1.25875	0.351673	0.655662	-1.52518	2.37329	7.29	2.73039	1
cg19711530	WNT3	0.118918	0.721917	1.14602	1.14602	0.801612	0.908444	-1.10078	0.0836929	0.481869	-2.07525	0.349477	0.692583	-1.44387	0.68473	1.16846	1.16846	0.220719	1.63399	1.63399	0.0164508	3.05866	3.05866	0.207579	1.66002	1.66002	0.269352	0.644866	-1.55071	2.37327	5.46752	2.04781	1
cg03607415	GPR98;GPR98	0.118918	0.050448	1.80605	1.80605	0.845065	0.949447	-1.05324	0.422953	0.804921	-1.24236	0.594981	1.15289	1.15289	0.359167	1.284	1.284	0.0401164	1.8755	1.8755	0.0123006	2.28562	2.28562	0.502086	1.19796	1.19796	0.699295	1.1084	1.1084	2.37327	2.64242	0.989698	1
cg12741436	FSCN1	0.11892	0.915862	0.980622	-1.01976	0.449504	1.15338	1.15338	0.725415	1.06748	1.06748	0.216718	1.27213	1.27213	0.405893	1.17053	1.17053	0.0116598	0.55782	-1.79269	0.0998908	0.716146	-1.39636	0.362491	1.18924	1.18924	0.368515	1.18653	1.18653	2.37325	1.28881	0.482716	1
cg11665588	SESN3	0.118921	0.841586	0.963283	-1.03812	0.900403	1.02368	1.02368	0.618486	1.0984	1.0984	0.940789	0.986209	-1.01398	0.672274	1.08279	1.08279	0.702734	1.07431	1.07431	0.00455554	0.493461	-2.0265	0.288604	1.22867	1.22867	0.189811	1.29641	1.29641	2.37325	1.31346	0.491951	1
cg22923409	FRMD4A	0.118921	0.970772	1.02085	1.02085	0.00624064	7.44326	7.44326	0.227162	2.04215	2.04215	0.515813	1.44926	1.44926	0.774791	0.850828	-1.17533	0.19791	2.15193	2.15193	0.0326026	4.08925	4.08925	0.70302	1.24074	1.24074	0.979679	1.01445	1.01445	2.37325	11.92	4.46457	1
cg02047359	ANXA7;ANXA7	0.118922	0.927865	1.01603	1.01603	0.541112	0.897023	-1.1148	0.998577	0.999687	-1.00031	0.320187	1.19774	1.19774	0.242017	0.806461	-1.23999	0.716562	1.06614	1.06614	0.260002	0.813516	-1.22923	0.904639	0.979167	-1.02128	0.00497765	1.92137	1.92137	2.37324	1.15977	0.434387	1
cg10714773	CECR1;CECR1	0.118926	0.549848	1.2513	1.2513	0.563682	1.24142	1.24142	0.39157	0.721897	-1.38524	0.429749	0.741517	-1.34859	0.00470916	0.233406	-4.28438	0.895285	1.04991	1.04991	0.683237	0.859103	-1.164	0.387382	0.719694	-1.38948	0.277105	1.52288	1.52288	2.51204	5.32792	1.64963	1
cg01415919	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.118927	0.598131	1.47421	1.47421	0.00816464	11.8252	11.8252	0.0288767	6.55424	6.55424	0.505075	1.63805	1.63805	0.718069	0.767546	-1.30285	0.339162	2.05212	2.05212	0.0687113	4.4224	4.4224	0.567186	1.52505	1.52505	0.507023	1.63425	1.63425	2.37319	20.0121	7.4956	1
cg08107987	ARHGEF16	0.118928	0.428439	0.8261	-1.21051	0.521008	1.16618	1.16618	0.184851	0.717252	-1.39421	0.214591	0.734369	-1.36171	0.284379	0.768897	-1.30057	0.199372	0.725838	-1.37772	0.0145367	2.03678	2.03678	0.333477	1.26585	1.26585	0.651161	1.11356	1.11356	2.37319	2.09894	0.78617	1
cg16909402	CD48	0.118928	0.734493	1.07516	1.07516	0.791957	0.945276	-1.05789	0.0225236	0.558949	-1.78907	0.138212	0.711912	-1.40467	0.165154	1.37051	1.37051	0.978568	1.00574	1.00574	0.0458886	1.62769	1.62769	0.605069	0.894888	-1.11746	0.677547	1.0931	1.0931	2.37318	1.70343	0.638031	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06974483	SPRY1	0.118928	0.241022	0.788275	-1.26859	0.0172364	1.75494	1.75494	0.102018	1.41469	1.41469	0.109535	1.40241	1.40241	0.235826	1.27228	1.27228	0.13296	1.36919	1.36919	0.4585	1.15757	1.15757	0.547423	0.888687	-1.12526	0.68664	0.924399	-1.08178	2.37318	1.41219	0.528945	1
cg26614073	SCAP	0.118929	0.709538	0.816091	-1.22535	0.650183	1.28145	1.28145	0.831803	0.890897	-1.12246	0.630786	1.30087	1.30087	0.0215381	0.223247	-4.47934	0.687711	1.24543	1.24543	0.127785	0.408872	-2.44575	0.0190528	0.21405	-4.6718	0.141778	0.423983	-2.35858	2.37318	11.0891	4.15351	1
cg25615068	C12orf43	0.11893	0.193388	3.06091	3.06091	0.377045	2.08923	2.08923	0.0638554	5.43695	5.43695	0.238363	2.72878	2.72878	0.897484	0.900526	-1.11046	0.212068	0.343533	-2.91093	0.670641	1.41583	1.41583	0.00854786	15.2896	15.2896	0.679364	1.40192	1.40192	2.37317	24.8335	9.30158	1
cg12968540	EP300	0.118931	0.401706	1.6482	1.6482	0.0586386	3.46806	3.46806	0.00776452	7.31757	7.31757	0.202022	2.19081	2.19081	0.4215	1.61294	1.61294	0.262851	1.97313	1.97313	0.0420568	3.9109	3.9109	0.124382	2.63438	2.63438	0.279629	1.92392	1.92392	2.37316	12.7393	4.77163	1
cg20234640	FCER2	0.118933	0.212006	0.409088	-2.44446	0.519718	0.641662	-1.55845	0.0883507	0.278491	-3.59078	0.504043	0.63067	-1.58561	0.0267472	0.167903	-5.95584	0.615938	0.709033	-1.41037	0.9523	1.04151	1.04151	0.00844488	0.101622	-9.84034	0.19134	0.390419	-2.56135	2.37314	17.3732	6.50736	1
cg16830479	ZC3H12B	0.118934	0.496508	0.799503	-1.25078	0.0450763	0.474616	-2.10697	0.0428153	0.469725	-2.12891	0.944489	1.02283	1.02283	0.0162993	0.385989	-2.59075	0.214227	0.654547	-1.52777	0.0809946	0.534159	-1.8721	0.871148	1.05402	1.05402	0.272581	0.690663	-1.44788	2.37313	3.94801	1.47878	1
cg08732409	PPT2;PPT2;PPT2	0.118935	0.159773	0.738946	-1.35328	0.826575	1.04518	1.04518	0.586341	1.11701	1.11701	0.448566	1.16828	1.16828	0.130637	1.38924	1.38924	0.0195134	1.76566	1.76566	0.753431	1.06552	1.06552	0.0590878	0.651003	-1.53609	0.846863	1.03971	1.03971	2.37312	1.52446	0.571008	1
cg00642177	HCFC1R1;HCFC1R1;HCFC1R1;THOC6;THOC6;HCFC1R1;HCFC1R1	0.118937	0.111788	1.25452	1.25452	0.761167	1.04072	1.04072	0.00995288	1.53146	1.53146	0.174671	1.20808	1.20808	0.136754	1.23353	1.23353	0.990075	0.998373	-1.00163	0.797634	1.03421	1.03421	0.516329	0.917446	-1.08998	0.0510953	1.33761	1.33761	2.37311	0.644328	0.241344	1
cg22877429	FNDC3B;FNDC3B	0.118937	0.856398	0.951893	-1.05054	0.0226714	0.475886	-2.10134	0.263611	1.37325	1.37325	0.712987	0.904332	-1.10579	0.0792279	1.69953	1.69953	0.456999	1.22896	1.22896	0.17625	1.47895	1.47895	0.389805	0.786743	-1.27106	0.195439	0.688886	-1.45162	2.37311	2.78426	1.04289	1
cg19102272	ZNF638;ZNF638	0.118939	0.185652	1.75781	1.75781	0.571269	0.794563	-1.25855	0.67606	0.844597	-1.184	0.0876177	2.13363	2.13363	0.0769176	0.453573	-2.20472	0.705829	0.858634	-1.16464	0.0746019	2.2217	2.2217	0.0490257	2.46755	2.46755	0.636113	1.21114	1.21114	2.37308	6.07134	2.27415	1
cg10766725	ZFYVE28	0.118949	0.0828366	0.50263	-1.98953	0.0437521	2.29373	2.29373	0.219337	1.58824	1.58824	0.497408	0.781343	-1.27985	0.899526	1.04628	1.04628	0.539064	1.24948	1.24948	0.313329	0.688324	-1.4528	0.745127	1.12392	1.12392	0.0441576	0.436867	-2.28903	2.373	4.8209	1.80583	1
cg04934867	CNTN4;CNTN4	0.118951	0.612665	0.74186	-1.34796	0.428973	0.623599	-1.60359	0.0824016	0.324562	-3.08108	0.686794	1.26753	1.26753	0.0293822	0.222986	-4.48459	0.679131	1.27543	1.27543	0.573282	1.39494	1.39494	0.0863326	0.330153	-3.0289	0.0252356	0.210908	-4.7414	2.37298	12.856	4.81569	1
cg14533133	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.118951	0.347382	0.470242	-2.12656	0.0105603	0.0814038	-12.2844	0.639108	1.4453	1.4453	0.0591353	5.26792	5.26792	0.462809	1.79107	1.79107	0.216784	0.362962	-2.75511	0.787271	0.809836	-1.23482	0.918821	0.92358	-1.08274	0.936813	1.06378	1.06378	2.37298	22.8539	8.56078	1
cg26724726	LTB;LTB	0.118951	0.254755	0.481757	-2.07573	0.480372	1.55361	1.55361	0.179475	0.416571	-2.40055	0.0633685	0.277404	-3.60486	0.0131754	0.151436	-6.60345	0.191916	0.428099	-2.33591	0.113783	0.347595	-2.87691	0.739489	0.814681	-1.22747	0.0737281	0.293951	-3.40193	2.37298	14.1762	5.31023	1
cg27351837	SLCO3A1;SLCO3A1	0.118952	0.697888	0.933637	-1.07108	0.249396	0.80903	-1.23605	0.0753848	0.705753	-1.41693	0.530794	1.11826	1.11826	0.0305059	1.56447	1.56447	0.638345	1.08691	1.08691	0.0599287	1.45303	1.45303	0.50245	1.12729	1.12729	0.410615	0.862328	-1.15965	2.37297	1.16465	0.436266	1
cg18592174	SLC18A3;CHAT	0.118953	0.672577	0.759576	-1.31652	0.0610837	3.91754	3.91754	0.470883	1.60724	1.60724	0.307815	1.97964	1.97964	0.987077	1.01053	1.01053	0.0659057	3.79955	3.79955	0.0138857	7.14531	7.14531	0.0894921	3.35752	3.35752	0.109093	3.09682	3.09682	2.37296	15.729	5.89192	1
cg16321109	CLN8	0.118954	0.660362	0.910876	-1.09784	0.794347	0.946345	-1.0567	0.595231	0.892976	-1.11985	0.212207	0.757749	-1.3197	0.167837	0.733214	-1.36386	0.0540766	0.630299	-1.58655	0.0161067	1.86201	1.86201	0.487824	1.16044	1.16044	0.928434	1.01915	1.01915	2.37295	1.67488	0.627399	1
cg12332526	EXOC6;EXOC6	0.118956	0.562749	1.10253	1.10253	0.00341796	1.94163	1.94163	0.490571	1.1239	1.1239	0.408164	0.868386	-1.15156	0.94915	1.0107	1.0107	0.5677	1.10114	1.10114	0.318572	1.18762	1.18762	0.774137	1.04916	1.04916	0.368497	0.857211	-1.16657	2.37294	1.04565	0.391694	1
cg12788061	TIGD3	0.118956	0.0249874	0.440134	-2.27204	0.831635	1.0677	1.0677	0.0932633	1.76489	1.76489	0.156985	0.627672	-1.59319	0.400341	0.76729	-1.30329	0.522364	0.819143	-1.22079	0.477601	1.24878	1.24878	0.461028	0.793808	-1.25975	0.052487	0.507409	-1.9708	2.37294	3.55807	1.33283	1
cg19175649	PMP22;PMP22;PMP22	0.118956	0.201091	2.57697	2.57697	0.294701	2.1424	2.1424	0.163272	2.83838	2.83838	0.307933	0.477165	-2.09571	0.471287	0.598242	-1.67157	0.980852	1.01697	1.01697	0.9936	1.00564	1.00564	0.0255181	6.42825	6.42825	0.0237405	6.63576	6.63576	2.37293	18.4725	6.91972	1
cg13118748	C6orf136;C6orf136;C6orf136	0.118958	0.97845	1.00375	1.00375	0.181656	1.21698	1.21698	0.874474	0.978342	-1.02214	0.978648	0.9963	-1.00371	0.743211	0.955491	-1.04658	0.104854	0.782331	-1.27823	0.360602	1.13902	1.13902	0.508363	0.911258	-1.09738	0.0074161	1.61236	1.61236	2.37291	0.720902	0.270049	1
cg17649560	LRRC37B2	0.118958	0.493403	1.52402	1.52402	0.0925766	0.325871	-3.0687	0.311319	0.530179	-1.88615	0.240075	0.474662	-2.10676	0.925656	1.05817	1.05817	0.0192146	0.179787	-5.56214	0.0362446	0.22877	-4.3712	0.335786	1.8244	1.8244	0.659714	0.764588	-1.30789	2.37291	13.7912	5.16616	1
cg13679714	ENPP7	0.11896	0.156706	0.563703	-1.77398	0.153963	0.561256	-1.78172	0.0205569	0.347919	-2.87423	0.0548188	0.438602	-2.27997	0.0410744	0.409838	-2.43999	0.279002	0.653162	-1.53101	0.0428088	0.413842	-2.41638	0.413938	0.729025	-1.37169	0.126934	0.535424	-1.86768	2.3729	5.38162	2.01596	1
cg08396863	TUBA4B;TUBA4A	0.118962	0.57432	1.4512	1.4512	0.0152891	7.05712	7.05712	0.257935	2.16971	2.16971	0.25914	2.1651	2.1651	0.52661	1.52345	1.52345	0.236333	2.25735	2.25735	0.0443337	0.219687	-4.55193	0.255081	2.18073	2.18073	0.703014	1.28575	1.28575	2.37288	16.1801	6.06114	1
cg08577442	UBL4A	0.118963	0.141378	0.503939	-1.98437	0.16195	0.523575	-1.90995	0.439496	0.710609	-1.40724	0.0493356	0.378297	-2.64342	0.0092074	0.238683	-4.18965	0.741349	1.15434	1.15434	0.652952	1.21669	1.21669	0.600844	1.25702	1.25702	0.694762	0.84292	-1.18635	2.37287	7.05611	2.64325	1
cg13570656	CYP1A1	0.118963	0.689461	1.3291	1.3291	0.386627	1.87497	1.87497	0.869913	1.1231	1.1231	0.756693	0.802416	-1.24624	0.0291369	0.161855	-6.17836	0.0208283	0.139415	-7.17281	0.203811	0.386753	-2.58563	0.629295	0.70856	-1.41131	0.201296	2.60092	2.60092	2.37287	18.8539	7.06278	1
cg21263980	USP22;USP22	0.118964	0.0146648	0.589186	-1.69726	0.882866	1.0263	1.0263	0.100421	1.37281	1.37281	0.0810774	0.711394	-1.40569	0.535903	1.11669	1.11669	0.595216	0.90991	-1.09901	0.166908	0.771478	-1.29621	0.943555	1.01254	1.01254	0.446055	0.872184	-1.14655	2.37286	1.16494	0.436395	1
cg22389730	FCRLB	0.118964	0.0334789	0.534925	-1.86942	0.994728	1.00167	1.00167	0.850911	1.04852	1.04852	0.840363	0.950479	-1.0521	0.311499	0.768221	-1.30171	0.0118626	0.45338	-2.20566	0.371407	1.26001	1.26001	0.487953	1.19416	1.19416	0.206746	0.715101	-1.3984	2.37286	2.38325	0.892781	1
cg13440193	ATG4B;ATG4B	0.118965	0.712335	0.926686	-1.07911	0.0380314	0.609905	-1.6396	0.28389	0.79542	-1.2572	0.919013	0.979308	-1.02113	0.249723	1.28058	1.28058	0.488968	1.15548	1.15548	0.0237814	1.74148	1.74148	0.397374	0.836806	-1.19502	0.332552	0.814231	-1.22815	2.37286	1.58846	0.595048	1
cg03690080	LOC100271715;LOC375196	0.118965	0.135134	2.01853	2.01853	0.0869203	2.28055	2.28055	0.131911	2.03223	2.03223	0.210043	1.77897	1.77897	0.0876157	2.27558	2.27558	0.0636612	2.48236	2.48236	0.0106937	4.05168	4.05168	0.0985099	2.2036	2.2036	0.283158	1.62626	1.62626	2.37285	7.14647	2.67712	1
cg04246138	MYLK3	0.118965	0.0451142	0.215394	-4.64266	0.735154	0.797121	-1.25451	0.120021	0.32421	-3.08442	0.769637	1.21666	1.21666	0.0126749	0.126288	-7.91843	0.178012	0.384495	-2.60082	0.239143	0.438994	-2.27794	0.110152	0.312607	-3.1989	0.0891196	0.285908	-3.49763	2.37285	16.761	6.27881	1
cg11297470	TCTN1;TCTN1;TCTN1	0.118968	0.0608485	0.19051	-5.24906	0.061471	0.191459	-5.22306	0.601355	0.661249	-1.51229	0.443132	0.541425	-1.84698	0.0298678	0.134628	-7.42786	0.115517	0.261187	-3.82868	0.0245729	0.122324	-8.17498	0.0988357	0.241708	-4.13722	0.171181	0.31878	-3.13696	2.37282	23.1379	8.66773	1
cg02933362	RFX8	0.118976	0.0250639	0.104522	-9.5674	0.912519	0.911086	-1.09759	0.0536311	0.156149	-6.40414	0.81582	1.2186	1.2186	0.18088	0.300058	-3.33268	0.76526	0.775909	-1.28881	0.811112	0.816384	-1.22491	0.0493093	6.69358	6.69358	0.630532	0.663229	-1.50777	2.37276	26.9804	10.1075	1
cg19451698	RHBDD1;RHBDD1	0.118976	0.0558623	6.882	6.882	0.715861	1.38474	1.38474	0.406452	0.469434	-2.13022	0.961633	1.04377	1.04377	0.29301	0.378565	-2.64155	0.578442	1.64842	1.64842	0.642572	0.659563	-1.51616	0.00992641	18.1776	18.1776	0.210601	3.23702	3.23702	2.37275	29.7967	11.1625	1
cg19032532	GNG7	0.118977	0.297504	0.672582	-1.48681	0.910722	1.04205	1.04205	0.166989	0.582136	-1.71781	0.507343	1.2802	1.2802	0.220938	0.623405	-1.60409	0.32435	1.45322	1.45322	0.0869247	0.499437	-2.00225	0.00909708	0.29609	-3.37735	0.471205	0.764015	-1.30888	2.37275	5.0682	1.89867	1
cg26108329	DHDDS;HMGN2;DHDDS	0.118979	0.0276517	0.345339	-2.8957	0.191462	0.568513	-1.75897	0.655363	0.8324	-1.20135	0.81594	1.09989	1.09989	0.0155549	0.297729	-3.35875	0.159299	0.541073	-1.84818	0.245864	0.609203	-1.64149	0.0502555	0.401964	-2.48778	0.249685	0.611857	-1.63437	2.37273	6.26619	2.34749	1
cg20584905	PAX3;PAX3;PAX3;CCDC140;PAX3;PAX3;PAX3;PAX3;PAX3	0.118981	0.193825	0.77078	-1.29739	0.0595864	1.49576	1.49576	0.186708	0.767157	-1.30351	0.475525	1.14729	1.14729	0.500074	0.878417	-1.13841	0.505665	0.879943	-1.13644	0.0142764	0.564243	-1.77228	0.686592	0.926061	-1.07984	0.818404	1.04452	1.04452	2.37271	1.34768	0.504883	1
cg10392420	SCRG1	0.118983	0.547727	1.33947	1.33947	0.557728	0.752134	-1.32955	0.214964	0.534114	-1.87226	0.257518	1.76423	1.76423	0.155859	0.482157	-2.07401	0.0470336	2.98047	2.98047	0.770323	1.15102	1.15102	0.0290594	3.44199	3.44199	0.282621	1.70985	1.70985	2.37269	8.67427	3.24967	1
cg14928902	PRDM14;PRDM14	0.118983	0.841586	0.893922	-1.11867	0.343684	0.578907	-1.72739	0.54963	0.712313	-1.40388	0.346204	0.580657	-1.72219	0.246023	0.506689	-1.9736	0.239892	0.501782	-1.9929	0.407005	1.60852	1.60852	0.00770752	6.81025	6.81025	0.566446	1.38366	1.38366	2.37269	11.8	4.42068	1
cg18674980	CA3	0.118986	0.117239	0.205824	-4.85852	0.850528	1.19155	1.19155	0.518953	0.544758	-1.83568	0.151399	0.23977	-4.17066	0.511445	1.85647	1.85647	0.442853	2.06861	2.06861	0.111247	5.01139	5.01139	0.354013	0.412358	-2.42508	0.0226586	12.6155	12.6155	2.37267	32.4312	12.1499	1
cg03965044	ABCC3;ABCC3	0.118987	0.551356	0.863399	-1.15821	0.85978	1.04403	1.04403	0.493812	1.18452	1.18452	0.540126	1.16317	1.16317	0.00891516	0.444465	-2.2499	0.722155	0.916668	-1.09091	0.244175	1.34572	1.34572	0.105511	1.53874	1.53874	0.328244	0.781983	-1.2788	2.37266	2.2317	0.83608	1
cg20322375	TMTC2	0.118988	0.513762	0.796168	-1.25602	0.387163	0.737034	-1.35679	0.447302	1.30553	1.30553	0.548559	0.811429	-1.23239	0.583661	1.20987	1.20987	0.438441	1.31265	1.31265	0.00933219	0.321413	-3.11127	0.663694	1.16253	1.16253	0.075556	1.97574	1.97574	2.37264	4.45247	1.66808	1
cg22318806	LTA;LTA	0.118996	0.0280163	0.213528	-4.68323	0.145072	0.394203	-2.53677	0.0360224	0.234397	-4.26626	0.266529	0.502254	-1.99102	0.0362193	0.234871	-4.25766	0.258343	0.495799	-2.01695	0.478646	0.651504	-1.53491	0.0484844	0.261603	-3.82258	0.109734	0.354449	-2.82128	2.37257	13.2968	4.98168	1
cg07777052	SCFD2	0.118997	0.464138	1.18513	1.18513	0.349179	0.802764	-1.2457	0.582649	0.881163	-1.13486	0.285408	1.28779	1.28779	0.148548	0.702414	-1.42366	0.846048	1.04531	1.04531	0.642871	1.11232	1.11232	0.00684774	2.22191	2.22191	0.339884	1.25135	1.25135	2.37257	1.95265	0.731563	1
cg00298951	CMKLR1;CMKLR1;CMKLR1	0.118998	0.269522	0.666513	-1.50035	0.260254	0.660793	-1.51333	0.0066397	0.288527	-3.46588	0.662583	1.16756	1.16756	0.0935554	0.521668	-1.91693	0.625205	1.1897	1.1897	0.103454	0.533474	-1.87451	0.849839	1.06916	1.06916	0.616492	0.836809	-1.19502	2.37256	4.6777	1.75252	1
cg06916011	EPS8L1;EPS8L1	0.119001	0.0814175	0.529297	-1.8893	0.314636	0.70999	-1.40847	0.821822	1.07713	1.07713	0.401498	0.753644	-1.32689	0.276253	0.68864	-1.45214	0.22138	0.65482	-1.52714	0.0056972	0.302911	-3.3013	0.0761786	0.522096	-1.91536	0.988162	0.995125	-1.0049	2.37253	4.0767	1.52737	1
cg10190698	POLE2	0.119001	0.0249448	1.45107	1.45107	0.091204	0.771382	-1.29638	0.231749	1.19125	1.19125	0.802454	0.965629	-1.03559	0.400818	1.12749	1.12749	0.382125	1.13322	1.13322	0.681784	1.05921	1.05921	0.0430581	1.38377	1.38377	0.180185	1.21967	1.21967	2.37253	0.731551	0.274082	1
cg15604507	E2F8	0.119001	0.206416	0.654819	-1.52714	0.0853992	0.546539	-1.82969	0.0688244	0.523624	-1.90977	0.365981	0.744468	-1.34324	0.933957	1.02668	1.02668	0.0843865	1.83405	1.83405	0.0933135	1.79763	1.79763	0.641731	0.861681	-1.16052	0.444819	1.28078	1.28078	2.37253	3.79275	1.42099	1
cg12778430	CDKN3;CDKN3	0.119003	0.595467	1.09855	1.09855	0.213167	0.794573	-1.25854	0.107586	1.36073	1.36073	0.810494	0.95874	-1.04304	0.772203	0.95036	-1.05223	0.909457	0.980244	-1.02015	0.0158756	0.595632	-1.67889	0.384323	1.16936	1.16936	0.0983113	1.3744	1.3744	2.37251	1.15603	0.433119	1
cg27651480	PTPRN2;PTPRN2;PTPRN2	0.119006	0.223034	0.401405	-2.49125	0.00772378	0.0871907	-11.4691	0.032865	0.168748	-5.92601	0.709666	1.30554	1.30554	0.166395	0.349246	-2.86331	0.346086	0.5007	-1.99721	0.153407	0.336286	-2.97366	0.781358	0.820079	-1.2194	0.611149	0.693819	-1.4413	2.37249	19.0971	7.15502	1
cg02619135	RBM15B	0.119006	0.103864	0.769821	-1.299	0.0501883	1.38879	1.38879	0.0193034	1.51627	1.51627	0.776833	1.04269	1.04269	0.496871	0.903508	-1.1068	0.708875	1.05672	1.05672	0.594206	0.92395	-1.08231	0.752945	0.954614	-1.04754	0.234976	1.20094	1.20094	2.37249	0.813036	0.304617	1
cg03891346	LOC399959;MIR125B1	0.119006	0.778987	1.09723	1.09723	0.0135818	0.365247	-2.73787	0.865289	1.0576	1.0576	0.112719	1.76724	1.76724	0.524807	0.808525	-1.23682	0.397283	0.751368	-1.33091	0.45108	0.776281	-1.28819	0.425174	0.764458	-1.30812	0.0910305	1.84769	1.84769	2.37248	4.08702	1.53127	1
cg07029777	PXDN	0.119007	0.74517	0.873295	-1.14509	0.0110998	0.266378	-3.75406	0.227079	0.590474	-1.69355	0.572	1.26774	1.26774	0.0425375	0.378999	-2.63853	0.30203	0.64134	-1.55924	0.825687	1.09596	1.09596	0.557585	1.2794	1.2794	0.11771	0.493704	-2.02551	2.37248	6.48489	2.42967	1
cg12241733	PALM;PALM	0.119008	0.110292	0.430673	-2.32195	0.251845	0.560216	-1.78502	0.974983	0.984936	-1.01529	0.145924	2.12895	2.12895	0.0542158	0.347313	-2.87925	0.175147	0.497602	-2.00964	0.0337497	0.301163	-3.32046	0.51869	1.37257	1.37257	0.2788	0.579805	-1.72472	2.37247	8.80354	3.2984	1
cg09811123	SLC35F3	0.119008	0.64547	1.06174	1.06174	0.0184469	1.44728	1.44728	0.787593	1.03554	1.03554	0.209461	0.842757	-1.18658	0.617347	1.06731	1.06731	0.172271	0.828706	-1.2067	0.0462021	0.744236	-1.34366	0.67846	1.05539	1.05539	0.762075	1.04005	1.04005	2.37247	0.628452	0.235461	1
cg10500167	ATP2B2;ATP2B2	0.11901	0.954686	1.01185	1.01185	0.191061	1.3325	1.3325	0.219316	1.30716	1.30716	0.599252	0.895879	-1.11622	0.952337	1.01247	1.01247	0.134084	1.39797	1.39797	0.00488398	2.1675	2.1675	0.646398	1.10052	1.10052	0.499978	0.867643	-1.15255	2.37245	1.61556	0.605304	1
cg07996594	RUNX3;RUNX3	0.119011	0.901986	1.08706	1.08706	0.122963	3.10286	3.10286	0.0854905	3.62562	3.62562	0.264332	2.1997	2.1997	0.315474	0.494966	-2.02034	0.11655	0.314911	-3.1755	0.979596	1.01748	1.01748	0.0265603	5.93759	5.93759	0.268316	2.18417	2.18417	2.37244	17.2507	6.46335	1
cg24652919	HCFC1R1;HCFC1R1;HCFC1R1;THOC6;THOC6	0.119012	0.515499	0.698953	-1.43071	0.00631355	6.90265	6.90265	0.0878397	2.78239	2.78239	0.821482	0.884477	-1.13061	0.450652	1.51815	1.51815	0.402835	1.59206	1.59206	0.296892	0.555747	-1.79938	0.683059	1.2498	1.2498	0.692872	0.806039	-1.24064	2.37244	11.086	4.15362	1
cg22916017	CCDC88B	0.119014	0.118738	2.70643	2.70643	0.0538813	3.62107	3.62107	0.106687	2.81678	2.81678	0.426502	1.61183	1.61183	0.190615	0.44272	-2.25877	0.622637	1.33861	1.33861	0.0266724	4.68366	4.68366	0.259641	1.99643	1.99643	0.109382	2.79073	2.79073	2.37242	12.9878	4.86623	1
cg04289130	NFIA	0.119014	0.453731	0.75687	-1.32123	0.74678	1.12552	1.12552	0.00520553	0.260331	-3.84126	0.81689	0.918828	-1.08834	0.788256	0.906418	-1.10324	0.0446751	0.431145	-2.31941	0.188673	0.601494	-1.66253	0.863657	1.06474	1.06474	0.954642	1.02098	1.02098	2.37241	5.00567	1.87551	1
cg05931586	C19orf26	0.119015	0.0282251	0.0702768	-14.2295	0.795258	0.778393	-1.2847	0.697841	0.686448	-1.45677	0.92955	0.918393	-1.08886	0.0889689	0.15377	-6.50322	?	?	?	0.168989	4.2364	4.2364	0.265205	3.10988	3.10988	0.156504	4.46094	4.46094	2.72813	33.8947	9.31812	1
cg11726858	C7orf27	0.11902	0.612757	0.910345	-1.09848	0.762229	0.945686	-1.05743	0.360011	0.840976	-1.1891	0.770611	1.05528	1.05528	0.969524	1.00706	1.00706	0.0387826	1.55329	1.55329	0.00732438	1.88944	1.88944	0.821864	0.959348	-1.04237	0.955522	1.01032	1.01032	2.37236	1.27256	0.476812	1
cg24634408	SPCS3	0.119021	0.319371	0.722941	-1.38324	0.125646	0.593026	-1.68627	0.434698	0.777795	-1.28569	0.939277	1.02431	1.02431	0.249503	0.684241	-1.46147	0.811257	1.07834	1.07834	0.00487207	0.308292	-3.24367	0.482841	0.798632	-1.25214	0.0666457	0.522909	-1.91238	2.37235	3.73465	1.39932	1
cg06438797	CA7	0.119024	0.038619	0.369672	-2.7051	0.608116	0.80666	-1.23968	0.928286	1.0381	1.0381	0.32429	0.655159	-1.52635	0.122626	0.499096	-2.00362	0.220279	0.585438	-1.70812	0.00688197	0.233744	-4.27818	0.285208	0.630572	-1.58586	0.148729	0.525509	-1.90292	2.37233	6.48407	2.42952	1
ch.16.1700675F	ZNRF1	0.119026	0.545654	1.41797	1.41797	0.0968825	0.353238	-2.83095	0.448631	0.643431	-1.55417	0.244096	2.00551	2.00551	0.016107	0.186083	-5.37395	0.0535424	0.285922	-3.49745	0.176917	0.440601	-2.26963	0.889673	0.923802	-1.08248	0.613596	0.747697	-1.33744	2.37231	12.2517	4.59063	1
cg13924510	LDLRAD3	0.119027	0.216919	0.702935	-1.42261	0.57589	0.857842	-1.16572	0.0549614	0.554071	-1.80482	0.071464	0.57918	-1.72658	0.705248	0.902037	-1.1086	0.365496	0.777039	-1.28694	0.054148	1.80936	1.80936	0.405899	1.25948	1.25948	?	?	?	2.3955	2.48244	1.03629	1
cg02434121	PAPOLB;RADIL	0.119028	0.0468439	7.04965	7.04965	0.0821459	5.22223	5.22223	0.720647	1.36094	1.36094	0.327875	2.37924	2.37924	0.605197	1.56449	1.56449	0.139064	3.92157	3.92157	0.017356	12.0194	12.0194	0.0396212	7.70791	7.70791	0.0990232	4.72169	4.72169	2.37229	27.6748	10.3697	1
cg03965340	TCEB2;TCEB2	0.119031	0.0984356	0.684307	-1.46133	0.998952	1.00028	1.00028	0.637754	0.905496	-1.10437	0.986478	1.00355	1.00355	0.543978	1.13719	1.13719	0.835285	1.04455	1.04455	0.0095753	0.503242	-1.98712	0.626893	1.10798	1.10798	0.0922285	1.47393	1.47393	2.37226	1.64619	0.616828	1
cg26110883	CRIP1	0.119032	0.0368254	17.0251	17.0251	0.0970647	8.40434	8.40434	0.166606	5.60632	5.60632	0.138286	6.45829	6.45829	0.481606	2.30737	2.30737	0.0818338	9.52612	9.52612	0.198168	4.9024	4.9024	0.0487753	13.8821	13.8821	0.019923	26.6932	26.6932	2.37225	51.3359	19.2357	1
cg22287800	NXPH1	0.119034	0.234103	0.481214	-2.07808	0.00773376	0.134495	-7.43519	0.103249	0.351674	-2.84354	0.685197	0.787424	-1.26996	0.141309	0.3955	-2.52844	0.432445	0.625137	-1.59965	0.429204	0.622982	-1.60518	0.199179	2.21557	2.21557	0.992397	1.0056	1.0056	2.37223	12.9193	4.84094	1
cg23234556	FOXK1	0.119035	0.334883	1.09712	1.09712	0.0532806	0.814952	-1.22707	0.627135	0.955403	-1.04668	0.224726	1.1262	1.1262	0.92011	1.00939	1.00939	0.0660256	1.21191	1.21191	0.169969	0.872646	-1.14594	0.0683048	1.20953	1.20953	0.817296	0.978664	-1.0218	2.37223	0.326336	0.12228	1
cg02335141	CCR6;CCR6	0.119035	0.280848	0.78185	-1.27902	0.105707	1.47403	1.47403	0.310096	0.794062	-1.25935	0.721596	0.924453	-1.08172	0.811252	0.948831	-1.05393	0.0481053	0.60898	-1.64209	0.116739	1.45378	1.45378	0.0858556	0.65918	-1.51704	0.172428	0.726996	-1.37552	2.37222	1.81095	0.678578	1
cg04257638	SRCAP;SRCAP	0.119036	0.0191842	0.368627	-2.71277	0.647339	1.17611	1.17611	0.018311	2.74111	2.74111	0.841065	0.931731	-1.07327	0.582135	0.822238	-1.21619	0.472476	0.773088	-1.29351	0.611985	0.835146	-1.1974	0.703599	1.14411	1.14411	0.566011	1.22669	1.22669	2.37222	4.65991	1.74611	1
cg06648812	PDE6B;PDE6B	0.119037	0.877623	1.03923	1.03923	0.177482	0.69913	-1.43035	0.0829979	0.619182	-1.61503	0.965923	0.989388	-1.01073	0.383297	1.25015	1.25015	0.252697	1.34765	1.34765	0.258109	0.74476	-1.34271	0.0113928	0.453398	-2.20557	0.338562	0.781641	-1.27936	2.37221	2.34314	0.877997	1
cg25682097	CRIP1	0.11904	0.0419561	5.56522	5.56522	0.811386	1.19133	1.19133	0.108616	3.60242	3.60242	0.3599	1.99239	1.99239	0.255833	0.419511	-2.38373	0.206588	2.65256	2.65256	0.629563	0.700528	-1.42749	0.238271	0.404705	-2.47094	0.0396636	5.70935	5.70935	2.37218	20.1484	7.54987	1
cg21694591	FAM46C	0.119043	0.278425	0.674223	-1.48319	0.0406122	0.437393	-2.28627	0.332449	0.704893	-1.41866	0.0113412	0.329937	-3.03089	0.490208	1.2778	1.2778	0.84397	1.07135	1.07135	0.827889	0.926672	-1.07913	0.863204	0.941465	-1.06217	0.0660654	0.486175	-2.05687	2.37216	4.59617	1.72227	1
cg23309203	EIF4H;EIF4H	0.119044	0.157109	0.560978	-1.7826	0.636985	0.833931	-1.19914	0.0861116	0.484571	-2.06368	0.329527	0.680834	-1.46879	0.107304	0.510925	-1.95724	0.208281	0.602409	-1.66	0.0051983	0.24439	-4.09183	0.846119	1.07705	1.07705	0.28749	0.655791	-1.52488	2.37214	5.48335	2.05472	1
cg08957564	RUNDC2A	0.119045	0.223335	0.519133	-1.92629	0.0452033	3.24575	3.24575	0.773809	1.15911	1.15911	0.791169	1.14566	1.14566	0.243834	0.535356	-1.86792	0.260412	0.547995	-1.82484	0.0202513	0.238243	-4.19739	0.223581	0.519332	-1.92555	0.598702	0.761765	-1.31274	2.37213	9.86418	3.69632	1
cg22118655	ELFN2	0.119053	0.843269	0.976363	-1.02421	0.419222	0.905076	-1.10488	0.884269	1.01776	1.01776	0.181913	0.842636	-1.18675	0.0419169	0.75328	-1.32753	0.106329	1.23752	1.23752	0.0380512	0.747826	-1.33721	0.27714	1.14635	1.14635	0.564031	1.07302	1.07302	2.37206	0.548588	0.205574	1
cg22926526	G2E3	0.119054	0.333414	0.640431	-1.56145	0.147978	2.00009	2.00009	0.416113	1.44949	1.44949	0.595226	1.2706	1.2706	0.0154875	0.265431	-3.76746	0.117172	0.467606	-2.13855	0.395054	0.677704	-1.47557	0.336089	1.55737	1.55737	0.519809	1.33831	1.33831	2.37206	7.49417	2.80831	1
cg26562638	LEFTY2	0.119055	0.054542	0.307587	-3.25111	0.0458026	0.290076	-3.44737	0.0230589	0.230145	-4.34509	0.174524	0.458077	-2.18304	0.057023	0.312216	-3.20291	0.171318	0.455065	-2.19749	0.060281	0.318099	-3.14368	0.193628	0.475436	-2.10333	0.329002	0.580084	-1.72389	2.37204	10.9775	4.11365	1
cg09276445	ITGBL1	0.119057	0.0510361	4.00625	4.00625	0.0482803	4.09341	4.09341	0.477261	0.636808	-1.57033	0.725147	0.80216	-1.24663	0.0325651	4.76962	4.76962	0.937084	0.951894	-1.05054	0.248398	2.12449	2.12449	0.843244	1.13161	1.13161	0.0609492	3.73963	3.73963	2.37203	14.6516	5.49051	1
cg25555059	SLC27A6;SLC27A6;SLC27A6	0.11906	0.17971	4.18005	4.18005	0.0950481	6.30443	6.30443	0.12785	5.21949	5.21949	0.445429	2.18315	2.18315	0.0352517	11.7218	11.7218	0.151451	4.67752	4.67752	0.682292	0.661583	-1.51153	0.0222778	15.6367	15.6367	0.0650714	7.99748	7.99748	2.372	37.8502	14.1841	1
cg06337037	CEP63;ANAPC13;ANAPC13;CEP63;ANAPC13;CEP63;CEP63	0.119062	0.620827	0.948657	-1.05412	0.492502	0.928969	-1.07646	0.255632	1.13365	1.13365	0.590076	1.05917	1.05917	0.995756	0.999438	-1.00056	0.112369	1.20046	1.20046	0.00739349	0.694342	-1.44021	0.334181	0.90007	-1.11102	0.935785	0.991519	-1.00855	2.37199	0.419732	0.157292	1
cg20023524	LRP5L	0.119064	0.802643	1.05173	1.05173	0.770754	0.942849	-1.06061	0.795508	1.0537	1.0537	0.853195	0.963378	-1.03801	0.344712	1.21656	1.21656	0.0526872	1.55834	1.55834	0.0044586	2.14682	2.14682	0.547885	1.13029	1.13029	0.704211	0.926054	-1.07985	2.37196	1.52394	0.571094	1
cg18655898	TWISTNB	0.119065	0.564326	1.27433	1.27433	0.098745	0.470909	-2.12355	0.857101	0.92776	-1.07786	0.530706	1.30238	1.30238	0.0140029	0.283013	-3.5334	0.444372	0.722986	-1.38315	0.0738681	0.43657	-2.29058	0.201351	1.75299	1.75299	0.745515	0.873301	-1.14508	2.37196	6.50113	2.43629	1
cg11239633	CTDSPL;CTDSPL;CTDSPL;CTDSPL	0.119065	0.0190557	0.686306	-1.45708	0.243221	1.17583	1.17583	0.130911	1.24153	1.24153	0.0624739	0.757214	-1.32063	0.813509	0.969141	-1.03184	0.697145	0.949447	-1.05324	0.922393	0.987158	-1.01301	0.366802	1.13086	1.13086	0.508094	1.09314	1.09314	2.37196	0.660944	0.247688	1
cg19617599	ZNF207;ZNF207;ZNF207;MIR632	0.119067	0.582844	1.12209	1.12209	0.284432	0.793801	-1.25976	0.112768	0.698723	-1.43118	0.463116	1.16778	1.16778	0.0583921	1.55917	1.55917	0.11929	0.703933	-1.42059	0.133654	0.714651	-1.39928	0.308803	0.803525	-1.24452	0.17281	1.3516	1.3516	2.37194	1.62018	0.607164	1
cg14307145	AFTPH;AFTPH;AFTPH	0.119067	0.893751	0.964732	-1.03656	0.521277	1.19087	1.19087	0.222262	1.41151	1.41151	0.259956	0.729251	-1.37127	0.350932	1.29429	1.29429	0.757947	0.920297	-1.08661	0.0181348	0.46256	-2.16188	0.319799	1.31816	1.31816	0.0622513	1.75763	1.75763	2.37194	2.71218	1.01639	1
cg08946532	C6orf136;C6orf136;C6orf136	0.119068	0.70548	0.910661	-1.0981	0.446732	1.21065	1.21065	0.0103466	0.451078	-2.21691	0.17122	0.698315	-1.43202	0.127669	0.666322	-1.50078	0.724498	1.09114	1.09114	0.422547	1.22375	1.22375	0.221499	0.728521	-1.37264	0.115063	0.655515	-1.52552	2.37193	2.28223	0.855271	1
cg01000408	LTBP4;LTBP4;LTBP4	0.11908	0.0864995	0.719288	-1.39026	0.114016	0.741437	-1.34873	0.0299553	0.641232	-1.5595	0.193256	0.786971	-1.27069	0.169768	0.775323	-1.28979	0.0326445	0.647244	-1.54501	0.064512	0.696727	-1.43528	0.62621	1.08917	1.08917	0.781361	0.952739	-1.0496	2.37182	1.13738	0.426257	1
cg14776943	HDAC5;HDAC5	0.119081	0.119049	0.81642	-1.22486	0.0478039	0.762384	-1.31167	0.140828	1.20914	1.20914	0.328896	1.12841	1.12841	0.355428	1.12072	1.12072	0.209023	1.17206	1.17206	0.700062	1.0475	1.0475	0.119873	1.22422	1.22422	0.3118	0.882101	-1.13366	2.37182	0.539932	0.202351	1
cg09585255	MIER1;WDR78;MIER1;MIER1;MIER1;MIER1;MIER1;WDR78;MIER1;MIER1	0.119083	0.290786	0.775212	-1.28997	0.317208	1.27143	1.27143	0.542409	0.866566	-1.15398	0.992193	1.00227	1.00227	0.0873077	0.645043	-1.55028	0.00872026	0.460159	-2.17316	0.109288	0.666606	-1.50014	0.158128	0.704367	-1.41971	0.994992	0.998543	-1.00146	2.37179	2.02629	0.759404	1
cg20747266	NMBR	0.119085	0.425107	2.00606	2.00606	0.0889343	4.97079	4.97079	0.0871787	5.02424	5.02424	0.712307	1.37242	1.37242	0.285566	2.58052	2.58052	0.334858	2.33979	2.33979	0.197995	0.312574	-3.19924	0.0233236	10.1419	10.1419	0.0491574	6.81661	6.81661	2.37178	27.4417	10.2845	1
cg17265693	CLDN7	0.119089	0.165512	3.53574	3.53574	0.510394	0.565479	-1.76841	0.168783	3.49722	3.49722	0.0806271	5.23005	5.23005	0.481259	1.84272	1.84272	0.863673	1.15805	1.15805	0.121883	0.238901	-4.18583	0.0773768	5.34622	5.34622	0.0397477	7.61473	7.61473	2.37175	27.3855	10.2636	1
cg23199238	RPH3A;RPH3A	0.11909	0.971398	1.01016	1.01016	0.196477	1.46949	1.46949	0.817613	1.06727	1.06727	0.433918	0.798483	-1.25237	0.749691	1.09441	1.09441	0.00425532	0.340227	-2.93921	0.519216	1.20221	1.20221	0.81489	0.936038	-1.06833	0.524623	1.19928	1.19928	2.37173	2.9838	1.11828	1
cg00541156	SFRS11	0.119095	0.503785	1.2979	1.2979	0.242995	1.5993	1.5993	0.687464	1.16816	1.16816	0.865217	1.06747	1.06747	0.763486	0.890489	-1.12298	0.80744	0.91042	-1.09839	0.00338762	0.216265	-4.62395	0.957371	0.979666	-1.02076	0.798958	1.10306	1.10306	2.37169	5.54836	2.07947	1
cg17506739	RCBTB1	0.119101	0.592754	1.17121	1.17121	0.249603	0.703124	-1.42222	0.197728	1.48965	1.48965	0.226157	1.45067	1.45067	0.0432409	0.506286	-1.97517	0.697649	0.892008	-1.12107	0.0523719	1.90757	1.90757	0.792209	1.08035	1.08035	0.152863	0.63881	-1.56541	2.37164	3.21853	1.2063	1
cg19956062	PCBP4	0.119105	0.337401	1.2773	1.2773	0.0716119	0.607847	-1.64515	0.36831	0.795585	-1.25694	0.170066	0.69654	-1.43567	0.163845	1.44437	1.44437	0.235722	0.735272	-1.36004	0.319269	0.775138	-1.29009	0.120815	1.51641	1.51641	0.145656	1.472	1.472	2.3716	2.30031	0.862169	1
cg17566735	PLD1;PLD1	0.119108	0.632239	0.760937	-1.31417	0.189341	2.19857	2.19857	0.933804	0.95402	-1.0482	0.0590821	3.34572	3.34572	0.411492	0.621373	-1.60934	0.0644834	3.24415	3.24415	0.415879	0.624268	-1.60188	0.0241381	4.58858	4.58858	0.283319	1.88065	1.88065	2.37157	12.0589	4.51979	1
cg09945376	DGCR14	0.119109	0.7841	1.08521	1.08521	0.244816	0.696114	-1.43655	0.692977	0.888562	-1.12541	0.77834	1.08765	1.08765	0.0552913	0.523678	-1.90957	0.595395	1.17302	1.17302	0.00857999	2.71346	2.71346	0.980749	1.00721	1.00721	0.884171	0.957525	-1.04436	2.37157	3.32978	1.24804	1
cg01196744	COLEC11;COLEC11	0.11911	0.505001	0.638614	-1.56589	0.25178	2.21161	2.21161	0.311139	0.499222	-2.00312	0.821478	0.860853	-1.16164	0.00619929	0.0938518	-10.6551	0.151785	0.361316	-2.76766	0.107857	0.312497	-3.20003	0.518235	0.647765	-1.54377	0.267216	0.464739	-2.15175	2.37156	16.5079	6.18736	1
cg18554395	GNG7	0.11911	0.911726	1.01521	1.01521	0.142013	0.806608	-1.23976	0.112192	1.26549	1.26549	0.610365	0.93243	-1.07247	0.0189472	0.679193	-1.47233	0.293913	0.862248	-1.15976	0.186881	1.20981	1.20981	0.584962	0.927667	-1.07797	0.319115	1.15047	1.15047	2.37156	0.69614	0.260922	1
cg14510567	CEP72	0.11911	0.763639	0.901894	-1.10878	0.0257079	0.403685	-2.47718	0.635766	0.849288	-1.17746	0.357999	1.38216	1.38216	0.0269135	0.407673	-2.45295	0.655306	1.1663	1.1663	0.0927424	0.530807	-1.88393	0.795537	0.914926	-1.09298	0.0951709	0.533771	-1.87346	2.37156	4.40323	1.65039	1
cg24989061	ACSL1	0.119111	0.760432	0.948336	-1.05448	0.102064	1.36395	1.36395	0.0255406	1.58447	1.58447	0.62323	1.08968	1.08968	0.68789	0.932351	-1.07256	0.106383	0.736506	-1.35776	0.0834848	1.39418	1.39418	0.93385	0.985704	-1.0145	0.1473	1.3096	1.3096	2.37155	1.13003	0.423552	1
cg08632007	BAK1	0.119111	0.876388	1.03028	1.03028	0.335098	1.20981	1.20981	0.0208977	0.587076	-1.70336	0.861003	1.03415	1.03415	0.0983777	0.706578	-1.41527	0.636047	0.912707	-1.09564	0.417869	1.1719	1.1719	0.0444614	0.642605	-1.55617	0.158862	0.749354	-1.33448	2.37155	1.37897	0.516858	1
cg22013790	CDC7;CDC7;CDC7	0.119111	0.481365	0.824349	-1.21308	0.65222	0.884756	-1.13026	0.965187	0.98829	-1.01185	0.979927	0.993233	-1.00681	0.00838963	0.402989	-2.48146	0.0669218	0.574456	-1.74078	0.31191	0.754018	-1.32623	0.660845	0.887666	-1.12655	0.0263732	0.491286	-2.03547	2.37154	2.73598	1.02548	1
cg17470942	TCF21;TCF21;TCF21;TCF21	0.119111	0.189888	2.42685	2.42685	0.374075	0.558439	-1.7907	0.118746	2.94857	2.94857	0.902209	1.08165	1.08165	0.134058	0.356378	-2.80601	0.184029	2.4593	2.4593	0.155418	0.378814	-2.63982	0.0376575	4.66293	4.66293	0.773875	0.83198	-1.20195	2.37154	15.3149	5.74023	1
cg00481499	SPAG16;SPAG16	0.119112	0.809171	0.801684	-1.24737	0.0131207	0.0601837	-16.6158	0.229619	0.316113	-3.16342	0.101364	0.194209	-5.1491	0.59254	0.610467	-1.63809	0.929552	0.922392	-1.08414	0.015652	0.0667334	-14.985	0.843179	1.19836	1.19836	0.918055	0.910263	-1.09858	2.37154	31.3506	11.7507	1
cg25547663	WDR13;WDR13;WDR13;WDR13	0.119113	0.284001	0.508165	-1.96786	0.00799153	0.126485	-7.90606	0.0601339	0.275364	-3.63156	0.979496	1.01575	1.01575	0.470675	0.63997	-1.56257	0.256665	0.486714	-2.05459	0.995454	0.996541	-1.00347	0.701896	1.26353	1.26353	0.261877	2.0372	2.0372	2.37153	13.8941	5.20772	1
cg09318508	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.119115	0.0275662	0.66071	-1.51352	0.3683	1.15833	1.15833	0.11185	0.759272	-1.31705	0.0322518	0.671092	-1.49011	0.309795	0.846058	-1.18195	0.0688781	0.723378	-1.3824	0.281459	0.836909	-1.19487	0.757421	1.05051	1.05051	0.322513	0.84998	-1.1765	2.37151	0.950182	0.356147	1
cg16293118	ITGBL1;ITGBL1	0.119117	0.100271	0.227516	-4.39529	0.255457	2.65423	2.65423	0.986118	1.01441	1.01441	0.498979	0.568743	-1.75826	0.0165858	0.0901832	-11.0885	0.352725	0.45554	-2.1952	0.024685	0.110878	-9.01892	0.905924	0.907367	-1.10209	0.676874	0.708511	-1.41141	2.3715	25.3923	9.51759	1
cg14966524	ALG11;ATP7B;ATP7B	0.119118	0.604531	1.07405	1.07405	0.149953	1.23497	1.23497	0.051176	1.35479	1.35479	0.909407	1.01569	1.01569	0.473639	1.10479	1.10479	0.214445	1.19567	1.19567	0.0840139	0.769956	-1.29878	0.874503	0.978619	-1.02185	0.0236293	1.44701	1.44701	2.37148	0.702245	0.263218	1
cg25525535	CBFA2T2;CBFA2T2;CBFA2T2	0.11912	0.62308	1.28897	1.28897	0.0432809	3.29108	3.29108	0.167581	2.12496	2.12496	0.143465	0.446833	-2.23797	0.280703	0.56295	-1.77636	0.0374571	0.290186	-3.44607	0.683674	0.81065	-1.23358	0.991346	1.00557	1.00557	0.398926	0.64241	-1.55664	2.37146	9.86205	3.69656	1
cg15635472	TPCN1;TPCN1;TPCN1;IQCD;TPCN1	0.11912	0.693365	1.08416	1.08416	0.130039	1.39577	1.39577	0.0182208	1.794	1.794	0.186794	1.3302	1.3302	0.735738	0.933261	-1.07151	0.581517	0.892697	-1.1202	0.942214	0.985327	-1.01489	0.0238014	1.73337	1.73337	0.145648	1.37514	1.37514	2.37146	1.56153	0.585303	1
cg05486191	C7orf28A	0.119121	0.389041	1.37012	1.37012	0.472623	1.2977	1.2977	0.250643	0.651675	-1.53451	0.0825028	1.98588	1.98588	0.0213669	0.372853	-2.68202	0.208407	0.62307	-1.60496	0.351641	1.40767	1.40767	0.345948	0.707341	-1.41375	0.534296	1.25172	1.25172	2.37146	4.77947	1.79148	1
cg05654340	AMD1;AMD1	0.119121	0.00900896	0.203297	-4.91891	0.609558	0.781048	-1.28033	0.285698	0.587446	-1.70228	0.0436277	0.328595	-3.04326	0.898893	0.940835	-1.06289	0.580295	1.3073	1.3073	0.732826	1.17868	1.17868	0.263125	1.75017	1.75017	0.803675	0.887362	-1.12694	2.37146	8.6452	3.24046	1
cg13906792	C15orf17	0.119125	0.166291	0.59939	-1.66836	0.197758	1.60334	1.60334	0.825531	1.07956	1.07956	0.275767	1.48165	1.48165	0.123528	0.560745	-1.78334	0.84894	1.06836	1.06836	0.977343	0.990201	-1.0099	0.0400091	2.27747	2.27747	0.0667456	0.490271	-2.03969	2.37142	4.51637	1.69289	1
cg26602100	KBTBD3;KBTBD3;AASDHPPT;KBTBD3;KBTBD3;AASDHPPT	0.119126	0.927332	1.0163	1.0163	0.791562	1.04806	1.04806	0.286886	1.21649	1.21649	0.0524651	1.47813	1.47813	0.0860933	1.39945	1.39945	0.25283	1.23572	1.23572	0.0315852	0.639749	-1.56311	0.47653	0.879611	-1.13687	0.516556	0.889987	-1.12361	2.37141	1.17941	0.442084	1
cg01779732	RHCG	0.119128	0.423592	0.731745	-1.3666	0.851147	0.930727	-1.07443	0.0623854	0.448622	-2.22905	0.0859233	2.06519	2.06519	0.0462597	0.417878	-2.39304	0.110049	0.513963	-1.94567	0.160015	0.563454	-1.77477	0.529844	1.27534	1.27534	0.262524	0.639907	-1.56273	2.37139	5.4847	2.05588	1
cg16929496	ZNF132	0.119128	0.167191	0.520163	-1.92247	0.0677673	0.403244	-2.47989	0.624019	0.803089	-1.24519	0.382271	1.48846	1.48846	0.110694	0.462322	-2.163	0.0693301	0.405794	-2.4643	0.0200959	0.287999	-3.47223	0.0917002	0.438562	-2.28018	0.409519	0.687699	-1.45412	2.37139	7.40007	2.77383	1
cg03126490	SPATA13;SPATA13;SPATA13;SPATA13	0.119129	0.0470581	0.70349	-1.42148	0.90069	1.01951	1.01951	0.925835	0.985695	-1.01451	0.418271	1.13655	1.13655	0.652407	0.93224	-1.07269	0.50216	0.899963	-1.11116	0.154706	1.26581	1.26581	0.176535	0.800648	-1.24899	0.0249447	1.51121	1.51121	2.37139	0.899406	0.337133	1
cg21951459	ANGEL2	0.119129	0.301343	0.696874	-1.43498	0.0258569	0.409718	-2.4407	0.0695827	0.504349	-1.98275	0.211261	1.55921	1.55921	0.143171	0.588231	-1.70001	0.0716276	0.50743	-1.97071	0.738634	0.89321	-1.11956	0.620343	1.18342	1.18342	0.194208	0.629261	-1.58917	2.37138	4.27176	1.60123	1
cg22480555	SFI1;SFI1	0.119131	0.0885457	1.22198	1.22198	0.15807	1.17471	1.17471	0.19022	1.15953	1.15953	0.552914	0.937959	-1.06614	0.12717	1.19245	1.19245	0.268127	0.884201	-1.13096	0.21186	0.86908	-1.15064	0.0690993	1.24236	1.24236	0.122164	1.19572	1.19572	2.37137	0.427549	0.160263	1
cg12097441	ARHGEF16	0.119132	0.361557	0.586386	-1.70536	0.370387	0.59244	-1.68793	0.912663	0.939467	-1.06443	0.0926162	0.348797	-2.867	0.0962814	0.35368	-2.82741	0.357665	0.583703	-1.7132	0.0130349	0.173237	-5.77246	0.0583086	0.295911	-3.37939	0.037513	0.253189	-3.94962	2.37136	12.165	4.55996	1
cg07845392	SLC25A10	0.119134	0.7427	0.793171	-1.26076	0.0133512	8.63524	8.63524	0.0362814	5.54172	5.54172	0.0940722	3.65048	3.65048	0.568419	1.50006	1.50006	0.139746	3.05791	3.05791	0.0920121	3.68642	3.68642	0.183846	2.69591	2.69591	0.353938	1.9559	1.9559	2.37134	18.5821	6.96544	1
cg12800028	GPR6	0.119135	0.101301	0.399037	-2.50603	0.498675	0.703497	-1.42147	0.875225	1.08379	1.08379	0.686038	0.812135	-1.23132	0.0699319	0.354289	-2.82255	0.111626	0.411793	-2.42841	0.0115754	0.198587	-5.03558	0.0677488	0.350722	-2.85126	0.119928	0.42153	-2.37231	2.37133	9.84693	3.6911	1
cg12392473	KCNB1	0.119136	0.0583078	48.865	48.865	0.183372	13.0118	13.0118	0.196289	11.9842	11.9842	0.095382	27.9448	27.9448	0.157713	15.5775	15.5775	0.290092	7.35784	7.35784	0.0365306	82.8501	82.8501	0.0143983	240.531	240.531	0.117269	22.033	22.033	2.37133	124.083	46.5125	1
cg17966020	WNT8B	0.11914	0.287674	0.786429	-1.27157	0.353179	1.2311	1.2311	0.146504	1.40381	1.40381	0.122624	0.694833	-1.43919	0.911718	0.976151	-1.02443	0.481173	0.855704	-1.16863	0.0176069	0.533363	-1.8749	0.674805	0.912255	-1.09619	0.171252	1.37305	1.37305	2.37128	1.77885	0.666811	1
cg18298785	FOXP4;FOXP4;FOXP4	0.119141	0.574666	0.895008	-1.11731	0.928683	1.01767	1.01767	0.797938	1.05147	1.05147	0.987482	0.996936	-1.00307	0.00544334	0.489014	-2.04493	0.96305	1.0091	1.0091	0.262911	1.25651	1.25651	0.0695262	0.67224	-1.48756	0.967778	1.00793	1.00793	2.37128	1.43724	0.538758	1
cg13062406	PTPN5;PTPN5;PTPN5	0.119141	0.958278	0.981493	-1.01886	0.334028	1.42728	1.42728	0.555157	1.23752	1.23752	0.13061	1.79125	1.79125	0.0605709	0.469766	-2.12872	0.990244	1.00438	1.00438	0.0135464	0.33587	-2.97735	0.652441	0.850544	-1.17572	0.639394	1.18353	1.18353	2.37128	4.78817	1.79488	1
cg10500165	TRIM11	0.119142	0.0854379	0.42804	-2.33623	0.097098	0.443679	-2.25388	0.292967	0.614535	-1.62725	0.243757	0.580248	-1.7234	0.0246287	0.302889	-3.30154	0.0897023	0.433919	-2.30458	0.110612	0.460297	-2.17251	0.469242	1.38903	1.38903	0.0553231	0.379293	-2.63649	2.37127	7.48012	2.80398	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09172812	TBC1D9	0.119146	0.562074	0.907506	-1.10192	0.271601	0.827382	-1.20863	0.820952	0.963163	-1.03825	0.882695	1.02475	1.02475	0.640141	0.925003	-1.08108	0.653668	0.927952	-1.07764	0.00410826	1.89154	1.89154	0.592796	0.9145	-1.09349	0.387328	0.863544	-1.15802	2.37124	1.02952	0.38593	1
cg04061752	PLEKHA5;PLEKHA5	0.119147	0.046771	0.466858	-2.14198	0.746437	0.897129	-1.11467	0.0519873	0.477227	-2.09544	0.14097	0.588713	-1.69862	0.0479507	0.46928	-2.13092	0.511559	0.800298	-1.24953	0.29444	0.694996	-1.43886	0.1099	1.79156	1.79156	0.568482	0.824593	-1.21272	2.37123	4.20465	1.57617	1
cg13781689	SEC24D	0.119149	0.88565	1.02844	1.02844	0.850976	1.03733	1.03733	0.15201	0.741547	-1.34853	0.460081	0.863683	-1.15783	0.263481	0.796814	-1.255	0.0610987	1.50868	1.50868	0.0150258	0.55854	-1.79038	0.816435	1.04635	1.04635	0.216582	0.776192	-1.28834	2.37121	1.42582	0.534491	1
cg20825472	UST	0.119149	0.0356065	0.305239	-3.27613	0.384035	1.54191	1.54191	0.0791167	0.388385	-2.57476	0.855364	0.915284	-1.09256	0.205285	0.52292	-1.91234	0.423344	0.672519	-1.48695	0.0246407	0.273016	-3.66279	0.366679	0.637685	-1.56817	0.0640074	0.364265	-2.74525	2.3712	8.83899	3.31346	1
cg07667595	ZNF576;ZNF576;ZNF576;IRGQ	0.11915	0.038212	1.3889	1.3889	0.635518	0.936788	-1.06748	0.114129	1.26497	1.26497	0.048657	1.36068	1.36068	0.135054	1.24649	1.24649	0.216836	1.19449	1.19449	0.219551	1.19311	1.19311	0.319498	1.15107	1.15107	0.0206807	1.46382	1.46382	2.3712	0.702413	0.263313	1
cg11139646	BMP8B	0.119152	0.592178	1.88433	1.88433	0.112856	7.55388	7.55388	0.112022	7.5957	7.5957	0.858548	0.811376	-1.23247	0.972988	1.04047	1.04047	0.069793	10.7601	10.7601	0.0281098	20.8783	20.8783	0.0365044	17.2496	17.2496	0.0627021	11.6348	11.6348	2.37118	51.5561	19.327	1
cg18972517	METTL2A	0.119154	0.376394	1.31202	1.31202	0.0710865	1.82795	1.82795	0.0287136	2.16386	2.16386	0.101556	0.58492	-1.70964	0.791599	1.08245	1.08245	0.784023	0.921095	-1.08566	0.618864	0.860682	-1.16187	0.158973	0.637388	-1.5689	0.425415	0.783876	-1.27571	2.37116	3.36105	1.25997	1
cg05531796	CCDC46	0.119154	0.745724	0.909851	-1.09908	0.026583	2.14503	2.14503	0.226092	1.44638	1.44638	0.709568	1.11474	1.11474	0.879409	0.956876	-1.04507	0.772091	0.919134	-1.08798	0.0156306	0.422923	-2.3645	0.526867	1.20462	1.20462	0.869028	0.953214	-1.04908	2.37116	3.16588	1.18681	1
cg07101579	AGBL5;AGBL5	0.119159	0.469319	0.902424	-1.10813	0.0664856	1.33245	1.33245	0.363834	0.877964	-1.139	0.217871	0.834617	-1.19815	0.41125	1.12432	1.12432	0.0320806	0.704551	-1.41934	0.364154	0.878044	-1.1389	0.479841	0.90468	-1.10536	0.129053	1.25703	1.25703	2.37112	0.730444	0.27383	1
cg00220302	MTIF3;MTIF3;GTF3A;MTIF3;MTIF3	0.119163	0.0269148	3.29734	3.29734	0.546059	0.757186	-1.32068	0.991172	0.994975	-1.00505	0.082226	2.40261	2.40261	0.361342	1.53296	1.53296	0.0775025	2.44343	2.44343	0.223728	1.78954	1.78954	0.0547091	2.69697	2.69697	0.0591365	2.63825	2.63825	2.37109	7.78384	2.91806	1
cg04966574	RXRB	0.119163	0.597974	0.890803	-1.12258	0.664892	1.09933	1.09933	0.0285581	1.75313	1.75313	0.701834	1.08718	1.08718	0.0786043	0.6541	-1.52882	0.530671	1.14799	1.14799	0.094191	0.670426	-1.49159	0.121189	1.44073	1.44073	0.55701	0.878913	-1.13777	2.37108	1.77319	0.664748	1
cg08505560	KIAA0776	0.119163	0.37358	0.810522	-1.23377	0.715133	1.08796	1.08796	0.00775654	2.19554	2.19554	0.388467	0.816046	-1.22542	0.151521	0.702273	-1.42395	0.748368	1.07683	1.07683	0.971519	1.00825	1.00825	0.191744	0.727711	-1.37417	0.637601	1.11531	1.11531	2.37108	1.98647	0.744704	1
cg18949545	RHOF	0.119164	0.903567	0.97161	-1.02922	0.0338006	1.82852	1.82852	0.0623323	1.66171	1.66171	0.0545301	1.69661	1.69661	0.04935	1.7232	1.7232	0.199603	1.38365	1.38365	0.625285	1.12421	1.12421	0.290298	0.769321	-1.29985	0.850765	1.04578	1.04578	2.50964	2.1966	0.680761	1
cg06266100	LMCD1	0.119166	0.0846867	0.270656	-3.69472	0.219234	0.412501	-2.42424	0.308385	0.485496	-2.05975	0.122079	0.317108	-3.1535	0.0366696	0.189403	-5.27974	0.0570189	0.228564	-4.37514	0.0140058	0.12499	-8.00065	0.251868	0.440255	-2.27141	0.150396	0.347663	-2.87635	2.37106	17.6396	6.61296	1
cg26647197	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGA11;PCDHGB1;PCDHGB6;PCDHGA11;PCDHGB3;PCDHGB7;PCDHGA6;PCDHG	0.119168	0.0316208	6.75595	6.75595	0.0442885	5.76347	5.76347	0.160323	3.11778	3.11778	0.107813	3.78228	3.78228	0.0626892	4.89352	4.89352	0.130745	3.44576	3.44576	0.123455	3.54305	3.54305	0.0468835	5.61104	5.61104	0.111319	3.72453	3.72453	2.37104	21.5827	8.09124	1
cg22654626	C19orf60;C19orf60	0.119172	0.472731	0.921822	-1.08481	0.0531905	1.27741	1.27741	0.454561	1.08861	1.08861	0.0390844	0.766309	-1.30496	0.0920208	0.813242	-1.22965	0.295875	0.886197	-1.12842	0.448172	0.91745	-1.08998	0.296694	1.12817	1.12817	0.589399	1.06261	1.06261	2.371	0.466511	0.174895	1
cg24143828	NSUN3;DHFRL1	0.119173	0.498136	1.20608	1.20608	0.514297	1.19744	1.19744	0.00314855	3.00279	3.00279	0.920908	1.02743	1.02743	0.667157	0.888806	-1.1251	0.534088	1.18716	1.18716	0.988858	1.00381	1.00381	0.102662	1.62666	1.62666	0.309514	1.33179	1.33179	2.371	2.78741	1.045	1
cg01633184	SLC26A11;SLC26A11;SLC26A11;SLC26A11;SGSH	0.119174	0.0649955	0.348516	-2.86931	0.030897	0.275473	-3.63012	0.022858	0.250254	-3.99594	0.10636	0.407776	-2.45233	0.152346	0.458438	-2.18132	0.149546	0.455639	-2.19472	0.0994371	0.399048	-2.50597	0.142412	0.448364	-2.23033	0.122288	0.4266	-2.34411	2.37098	9.71754	3.64313	1
cg03790740	MIPEP	0.119177	0.530177	0.64843	-1.54219	0.00525889	0.0815062	-12.269	0.0956795	0.287429	-3.47912	0.587535	1.45221	1.45221	0.458364	0.597861	-1.67263	0.369298	0.533591	-1.8741	0.110789	0.306161	-3.26625	0.37954	0.541124	-1.848	0.667389	1.34247	1.34247	2.37096	17.4263	6.53325	1
cg09524078	NEK4	0.119177	0.220402	1.29837	1.29837	0.0417769	0.621532	-1.60893	0.386632	1.19704	1.19704	0.620086	1.10658	1.10658	0.54294	1.13292	1.13292	0.578195	0.89241	-1.12056	0.393397	1.19384	1.19384	0.588121	1.11718	1.11718	0.0133408	1.86121	1.86121	2.37096	1.54223	0.578192	1
cg16321280	ALX4	0.119178	0.142226	0.538524	-1.85693	0.0442619	0.403934	-2.47565	0.387859	1.41511	1.41511	0.369611	1.43544	1.43544	0.209575	0.595237	-1.68	0.250246	0.624166	-1.60214	0.0624662	0.439307	-2.27631	0.139539	1.86592	1.86592	0.78872	0.899995	-1.11112	2.37095	5.77895	2.16658	1
cg16563178	HYAL2;HYAL2	0.119179	0.701904	1.04675	1.04675	0.932985	0.990057	-1.01004	0.660432	0.948828	-1.05393	0.353435	1.12013	1.12013	0.00871396	0.67224	-1.48756	0.862833	0.979663	-1.02076	0.0285529	0.73566	-1.35932	0.85123	0.977939	-1.02256	0.623828	1.06049	1.06049	2.37094	0.530127	0.19875	1
cg27038755	MYST1;MYST1	0.119182	0.0277079	0.693056	-1.44288	0.975265	0.995642	-1.00438	0.925949	1.01318	1.01318	0.619888	0.93198	-1.07298	0.386112	1.13334	1.13334	0.172191	0.814873	-1.22719	0.856716	0.974859	-1.02579	0.106192	1.28219	1.28219	0.034487	0.70652	-1.41539	2.37091	0.7453	0.279424	1
cg12188538	SMCR7L	0.119183	0.418943	0.911986	-1.09651	0.067465	1.25679	1.25679	0.0631879	1.26252	1.26252	0.329578	0.893826	-1.11879	0.0448442	1.29288	1.29288	0.346546	1.1142	1.1142	0.185582	0.855055	-1.16951	0.647974	0.950011	-1.05262	0.52534	1.07444	1.07444	2.3709	0.467294	0.175196	1
cg06041567	C3orf21	0.119185	0.361153	1.27443	1.27443	0.798407	1.06835	1.06835	0.440473	0.816095	-1.22535	0.590654	0.869118	-1.15059	0.0508421	0.562868	-1.77662	0.0400489	0.541727	-1.84595	0.88055	1.03961	1.03961	0.0590246	1.73458	1.73458	0.302914	1.31742	1.31742	2.37089	2.50589	0.939504	1
cg03384938	CXXC4	0.119185	0.775464	1.04132	1.04132	0.0675787	1.33635	1.33635	0.0961948	1.29518	1.29518	0.961465	0.993183	-1.00686	0.570812	1.08449	1.08449	0.374311	0.878872	-1.13782	0.0450009	0.722011	-1.38502	0.307945	0.861209	-1.16116	0.105592	1.28443	1.28443	2.37089	0.752742	0.282217	1
cg12829360	CBFA2T3;CBFA2T3	0.119186	0.210658	1.84201	1.84201	0.103055	2.28396	2.28396	0.0325995	3.18437	3.18437	0.872852	1.07699	1.07699	0.13171	2.12457	2.12457	0.0599976	2.6716	2.6716	0.0128493	4.18227	4.18227	0.306393	1.63301	1.63301	0.452995	1.42483	1.42483	2.37087	8.05379	3.01953	1
cg20722590	MMP15	0.119188	0.323116	0.713508	-1.40153	0.436083	1.30057	1.30057	0.470624	1.27475	1.27475	0.546305	0.817141	-1.22378	0.0624427	0.499777	-2.00089	0.520222	0.806069	-1.24059	0.0114741	0.351311	-2.84648	0.201342	1.56254	1.56254	0.563525	0.824359	-1.21306	2.37086	4.10784	1.54012	1
cg00547445	GPR120	0.119188	0.31123	0.896992	-1.11484	0.521062	0.934736	-1.06982	0.146832	1.17535	1.17535	0.159038	0.855406	-1.16904	0.265159	0.886483	-1.12805	0.820679	0.976718	-1.02384	0.0350614	0.775074	-1.2902	0.988912	1.00144	1.00144	0.0502065	1.26067	1.26067	2.37086	0.404267	0.151569	1
cg11742898	C7orf54;SND1	0.119189	0.0277937	3.5551	3.5551	0.351165	1.59682	1.59682	0.211072	1.90156	1.90156	0.218761	1.87928	1.87928	0.695231	1.21171	1.21171	0.21622	1.88653	1.88653	0.827575	0.89907	-1.11226	0.0130533	4.49047	4.49047	0.0525236	2.93064	2.93064	2.37085	8.93258	3.34904	1
cg11106287	RGL2;RGL2	0.119189	0.0405013	0.486806	-2.05421	0.639624	1.1543	1.1543	0.675943	0.879929	-1.13646	0.109903	0.588468	-1.69933	0.153787	0.628358	-1.59145	0.680216	0.88152	-1.1344	0.0475911	0.501874	-1.99253	0.0253868	0.445509	-2.24463	0.0961183	0.573495	-1.74369	2.37085	3.47644	1.3034	1
cg15299832	OLIG2	0.11919	0.525	0.876392	-1.14104	0.390543	1.19747	1.19747	0.148093	0.727746	-1.37411	0.0660453	0.655484	-1.52559	0.0262439	0.582734	-1.71605	0.142632	1.38096	1.38096	0.263991	1.26934	1.26934	0.938345	0.984279	-1.01597	0.659947	0.913298	-1.09493	2.37084	1.57539	0.590655	1
cg07846755	HES1	0.119192	0.709158	1.1181	1.1181	0.405124	0.775854	-1.2889	0.583517	1.17936	1.17936	0.914717	0.968586	-1.03243	0.366042	1.31878	1.31878	0.274953	0.712888	-1.40275	0.00358102	0.308662	-3.23979	0.771598	0.916929	-1.0906	0.456592	0.797793	-1.25346	2.37082	3.33344	1.2498	1
cg10400269	MPRIP;MPRIP	0.119192	0.999713	1.00006	1.00006	0.724499	0.939402	-1.06451	0.291348	1.21339	1.21339	0.685339	1.07461	1.07461	0.397468	0.858086	-1.16538	0.603659	1.09693	1.09693	0.00563164	0.526288	-1.9001	0.430931	1.15258	1.15258	0.149978	0.761373	-1.31342	2.37082	1.17173	0.439314	1
cg00121904	MAOB	0.119193	0.113114	0.493035	-2.02825	0.396453	0.700382	-1.42779	0.389191	1.43606	1.43606	0.0164576	3.32698	3.32698	0.233328	0.599004	-1.66944	0.18458	0.561498	-1.78095	0.925602	1.03905	1.03905	0.964304	0.981813	-1.01852	0.258025	1.62263	1.62263	2.37082	6.31551	2.36787	1
cg07207599	USO1;USO1	0.119195	0.460266	1.23642	1.23642	0.50287	0.825359	-1.21159	0.664946	1.13089	1.13089	0.847594	1.05582	1.05582	0.240105	0.706659	-1.41511	0.254834	0.714904	-1.39879	0.0115493	0.410005	-2.439	0.0807908	1.72737	1.72737	0.520117	1.20206	1.20206	2.3708	2.99199	1.12179	1
cg18951227	INPP5A	0.119196	0.114496	0.519402	-1.92529	0.460001	0.750461	-1.33252	0.661531	0.845256	-1.18307	0.331774	1.46538	1.46538	0.0274744	0.369669	-2.70513	0.0671261	0.457005	-2.18816	0.0404446	0.405275	-2.46746	0.81877	0.916144	-1.09153	0.0937757	0.494975	-2.0203	2.37078	5.468	2.05014	1
cg19776942	FAM167B	0.119197	0.105369	3.80768	3.80768	0.223423	2.62912	2.62912	0.171144	3.00759	3.00759	0.229004	2.59597	2.59597	0.0864172	4.18451	4.18451	0.117415	3.61503	3.61503	0.0224818	7.89096	7.89096	0.0167809	9.07533	9.07533	0.162858	3.08244	3.08244	2.37078	21.4419	8.0393	1
cg17301842	GUCY2D	0.119198	0.0599212	4.82758	4.82758	0.0690363	4.52215	4.52215	0.722468	1.30278	1.30278	0.1192	3.505	3.505	0.208236	2.67529	2.67529	0.605728	1.47138	1.47138	0.114996	3.56493	3.56493	0.0207566	7.88384	7.88384	0.0322885	6.41976	6.41976	2.37076	20.6555	7.74452	1
cg13741289	LAP3	0.1192	0.815012	1.22191	1.22191	?	?	?	0.772346	0.780283	-1.28159	?	?	?	?	?	?	0.199676	0.310929	-3.21617	?	?	?	0.0918569	5.00554	5.00554	0.0385868	8.13767	8.13767	2.63773	16.6056	8.81355	1
cg25178565	PIP4K2A	0.119203	0.345867	1.32263	1.32263	0.0174472	0.434507	-2.30146	0.0358982	0.49506	-2.01996	0.327484	0.747403	-1.33797	0.137424	0.630771	-1.58536	0.589401	0.854752	-1.16993	0.213268	0.685558	-1.45867	0.390321	1.28858	1.28858	0.426927	0.79164	-1.2632	2.37073	3.11509	1.16798	1
cg10703949	TMEM65	0.119204	0.66591	0.769971	-1.29875	0.380011	0.581641	-1.71927	0.598651	0.72643	-1.3766	0.306268	0.528661	-1.89157	0.00527177	0.109306	-9.14861	0.477398	0.647453	-1.54451	0.057746	0.274958	-3.63692	0.271302	0.502001	-1.99203	0.0542604	0.268632	-3.72257	2.37071	13.5962	5.09784	1
cg04430911	OSCP1;OSCP1	0.119205	0.298886	0.62835	-1.59147	0.147247	0.511111	-1.95652	0.306972	0.633556	-1.57839	0.024901	0.316014	-3.16442	0.0137102	0.268394	-3.72587	0.194496	0.553055	-1.80814	0.817648	0.905136	-1.10481	0.589867	0.790696	-1.26471	0.0434555	0.367094	-2.7241	2.37071	6.99258	2.62184	1
cg09553466	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.119208	0.324489	0.799852	-1.25023	0.219035	1.32806	1.32806	0.122462	0.692555	-1.44393	0.86307	1.03862	1.03862	0.850407	1.04231	1.04231	0.213677	1.33295	1.33295	0.0170643	1.8932	1.8932	0.421496	1.1975	1.1975	0.183292	0.733522	-1.36329	2.37068	1.80879	0.678209	1
cg14786652	TTLL10	0.11921	0.0862971	8.27782	8.27782	0.068956	9.67875	9.67875	0.277625	3.52276	3.52276	0.183377	4.82781	4.82781	0.0887341	8.11806	8.11806	0.251191	3.8081	3.8081	0.0127949	31.4656	31.4656	0.340438	2.99136	2.99136	0.0373404	14.8067	14.8067	2.37066	46.7048	17.5122	1
cg00225070	MTHFS	0.119211	0.585533	1.1854	1.1854	0.152275	1.60581	1.60581	0.192716	1.53082	1.53082	0.467258	0.795752	-1.25667	0.528651	1.21794	1.21794	0.155152	0.625084	-1.59979	0.465136	1.25809	1.25809	0.0120274	2.63116	2.63116	0.116356	1.69389	1.69389	2.37065	3.58171	1.34298	1
cg09780955	SORBS1;SORBS1	0.119212	0.59304	0.913481	-1.09471	0.00633733	1.81522	1.81522	0.868146	0.972513	-1.02826	0.744799	0.946684	-1.05632	0.422058	0.87147	-1.14749	0.434485	0.874791	-1.14313	0.102144	0.740748	-1.34999	0.506456	1.11972	1.11972	0.891044	1.02326	1.02326	2.37064	1.05653	0.396154	1
cg18518804	TTC7B	0.119214	0.287345	0.704042	-1.42037	0.263323	1.44833	1.44833	0.153178	0.615154	-1.62561	0.6227	1.17062	1.17062	0.825151	0.932129	-1.07281	0.0705063	0.526193	-1.90044	0.0111268	0.363869	-2.74824	0.331898	0.727617	-1.37435	0.194998	0.646991	-1.54562	2.37063	3.78836	1.42048	1
cg26725183	MMP15	0.119216	0.414221	1.3368	1.3368	0.00821218	3.24154	3.24154	0.0571906	2.1134	2.1134	0.851393	0.936857	-1.0674	0.228248	1.55243	1.55243	0.564235	1.22473	1.22473	0.0338318	2.36731	2.36731	0.614442	1.19322	1.19322	0.402582	1.34705	1.34705	2.37061	4.54127	1.7028	1
cg12752396	NARS	0.119218	0.197712	0.871136	-1.14793	0.344354	0.906022	-1.10373	0.0701576	0.814543	-1.22768	0.461708	1.07888	1.07888	0.0146605	1.3559	1.3559	0.261798	1.12588	1.12588	0.623356	1.05143	1.05143	0.960773	1.005	1.005	0.907116	1.0119	1.0119	2.37059	0.385459	0.144534	1
cg21415549	ARSJ	0.11922	0.945095	0.990959	-1.00912	0.150796	1.22515	1.22515	0.277797	1.16048	1.16048	0.748263	1.04338	1.04338	0.0963088	1.27228	1.27228	0.173938	1.21016	1.21016	0.0564889	0.7522	-1.32943	0.789646	1.03589	1.03589	0.0277066	1.40945	1.40945	2.37057	0.652923	0.244825	1
cg06339706	PLEKHA4;PLEKHA4	0.119221	0.107734	0.336874	-2.96847	0.228374	0.456714	-2.18955	0.0378284	0.224721	-4.44997	0.41363	0.595666	-1.67879	0.0525382	0.255018	-3.9213	0.135287	0.368628	-2.71276	0.0190827	0.172278	-5.80457	0.153813	0.388088	-2.57674	0.747712	1.22147	1.22147	2.37056	14.4267	5.40958	1
cg10977890	CHMP7	0.119222	0.487856	0.923302	-1.08307	0.921775	0.988941	-1.01118	0.412502	1.09951	1.09951	0.042542	1.30267	1.30267	0.639251	1.05491	1.05491	0.0649531	1.26447	1.26447	0.203195	0.858916	-1.16426	0.10738	0.819575	-1.22015	0.133454	1.20114	1.20114	2.37055	0.481298	0.180473	1
cg01716252	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.119222	0.0299844	0.407998	-2.45099	0.63583	0.845779	-1.18234	0.399385	0.738648	-1.35382	0.477676	0.776084	-1.28852	0.0383436	0.430544	-2.32264	0.0481308	0.452431	-2.21028	0.476289	0.775443	-1.28959	0.814865	0.920938	-1.08585	0.0188971	0.368481	-2.71385	2.37055	4.6291	1.73578	1
cg08647641	CYP51A1;CYP51A1	0.119225	0.727573	1.0506	1.0506	0.94676	1.00947	1.00947	0.192366	1.21503	1.21503	0.218608	1.2004	1.2004	0.75988	1.04422	1.04422	0.128446	1.26106	1.26106	0.00812655	0.619834	-1.61334	0.557834	1.08726	1.08726	0.856706	1.02584	1.02584	2.37053	0.748072	0.280508	1
cg03640443	EHMT2;EHMT2	0.119228	0.373357	1.266	1.266	0.468837	0.826779	-1.20951	0.0201016	0.484932	-2.06215	0.870645	0.95881	-1.04296	0.25591	1.35812	1.35812	0.537221	0.851075	-1.17498	0.0492609	1.7847	1.7847	0.524053	1.18133	1.18133	0.211029	1.40512	1.40512	2.3705	2.50095	0.937804	1
cg15490801	PRKD1	0.119228	0.130484	0.567013	-1.76363	0.263318	0.666893	-1.49949	0.171811	1.65755	1.65755	0.328894	1.41918	1.41918	0.616659	1.19165	1.19165	0.193986	0.620377	-1.61192	0.0216104	0.383533	-2.60734	0.109516	0.545431	-1.83341	0.722306	0.883408	-1.13198	2.3705	4.53131	1.69915	1
cg06022507	AQP11	0.119228	0.0912782	0.7389	-1.35336	0.0208664	0.636099	-1.57208	0.784706	1.04556	1.04556	0.227166	1.2291	1.2291	0.141457	1.29338	1.29338	0.583182	0.91378	-1.09436	0.394272	1.15254	1.15254	0.371296	0.86126	-1.16109	0.373664	1.16019	1.16019	2.3705	0.993828	0.372665	1
cg23840562	UHRF1BP1L;UHRF1BP1L;UHRF1BP1L;UHRF1BP1L	0.119229	0.785347	1.0539	1.0539	0.262349	1.25201	1.25201	0.223417	1.2789	1.2789	0.140504	1.35651	1.35651	0.621962	0.908847	-1.1003	0.0238602	0.595412	-1.67951	0.135785	0.73407	-1.36227	0.502941	0.877448	-1.13967	0.194193	1.30232	1.30232	2.37049	1.38848	0.520651	1
cg07699300	APBA2;APBA2	0.119229	0.366953	0.634728	-1.57548	0.0113732	4.73018	4.73018	0.342198	1.61604	1.61604	0.856838	1.09261	1.09261	0.110702	0.426387	-2.34529	0.912685	0.947625	-1.05527	0.282614	0.578348	-1.72906	0.184797	1.99335	1.99335	0.83905	0.90507	-1.10489	2.37049	9.03073	3.38635	1
cg10410213	ELOVL5	0.11923	0.470617	1.75063	1.75063	?	?	?	0.247806	2.51395	2.51395	0.0503977	5.48231	5.48231	?	?	?	0.109356	3.78848	3.78848	0.111256	0.266169	-3.75701	0.199969	0.355931	-2.80953	0.915092	1.08477	1.08477	2.42217	17.3687	8.19507	1
cg07855465	BAHCC1	0.119233	0.127466	0.385389	-2.59478	0.619416	0.74851	-1.33599	0.528041	0.690832	-1.44753	0.337287	0.564215	-1.77237	0.0579891	0.289444	-3.4549	0.704698	0.802295	-1.24642	0.00459651	0.112775	-8.86719	0.673705	1.27763	1.27763	0.658664	0.773212	-1.29331	2.37046	12.5656	4.71191	1
cg01678292	ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;ANK1	0.119235	0.783977	0.906255	-1.10344	0.977634	0.990008	-1.01009	0.38789	1.37302	1.37302	0.388367	1.37256	1.37256	0.00936742	0.307196	-3.25525	0.422015	1.34152	1.34152	0.656938	0.85204	-1.17365	0.10353	1.89225	1.89225	0.235711	0.640741	-1.56069	2.37044	4.8172	1.8064	1
cg10633334	PEMT;PEMT	0.119235	0.715449	1.09695	1.09695	0.79128	1.06934	1.06934	0.296363	0.76059	-1.31477	0.256473	0.741291	-1.349	0.0705184	0.599979	-1.66673	0.421899	0.812733	-1.23042	0.00566495	0.399558	-2.50276	0.745468	0.920973	-1.08581	0.114953	0.648418	-1.54222	2.37044	2.39818	0.899291	1
cg10403863	ADAP1	0.119236	0.95272	1.01079	1.01079	0.315521	0.828777	-1.2066	0.314294	0.828356	-1.20721	0.382833	1.1758	1.1758	0.833356	0.962591	-1.03886	0.126644	1.34851	1.34851	0.0058024	1.92305	1.92305	0.955299	1.0102	1.0102	0.513765	1.12731	1.12731	2.37043	1.22941	0.461016	1
cg09400081	SMAD1;SMAD1	0.119236	0.161905	3.35493	3.35493	0.660311	1.42012	1.42012	0.111395	4.1203	4.1203	?	?	?	0.0211227	0.0950897	-10.5164	?	?	?	0.922531	0.925913	-1.08002	0.351005	2.15431	2.15431	0.570808	1.57619	1.57619	2.75071	20.2051	6.29607	1
cg01540102	DOK4	0.119236	0.919972	0.953247	-1.04905	0.060631	2.73968	2.73968	0.0470877	2.9525	2.9525	0.557165	1.32695	1.32695	0.0655771	0.37359	-2.67673	0.419182	1.48183	1.48183	0.31451	1.64143	1.64143	0.0780191	2.54206	2.54206	0.220586	1.84707	1.84707	2.37043	8.5223	3.19579	1
cg05171584	ESR1;ESR1;ESR1;ESR1;ESR1	0.119237	0.343776	0.724879	-1.37954	0.0832066	0.531133	-1.88277	0.598336	1.1917	1.1917	0.341228	0.723571	-1.38204	0.0233888	0.409162	-2.44402	0.175886	0.622009	-1.60769	0.0244279	0.412865	-2.4221	0.541502	1.22618	1.22618	0.208348	0.645584	-1.54899	2.37042	4.08622	1.5323	1
cg26227592	EGLN2;EGLN2	0.119238	0.37861	1.64888	1.64888	0.0140191	5.36244	5.36244	0.0155394	5.17033	5.17033	0.982456	0.987901	-1.01225	0.234335	1.99407	1.99407	0.411519	1.59182	1.59182	0.732214	0.826831	-1.20944	0.102094	2.69275	2.69275	0.62351	1.31509	1.31509	2.37041	11.5064	4.31481	1
cg00091589	KLHDC4	0.119239	0.59451	1.15176	1.15176	0.45642	1.22075	1.22075	0.0123405	2.26902	2.26902	0.677707	1.11618	1.11618	0.258092	0.733199	-1.36389	0.61967	1.14063	1.14063	0.0422003	1.85053	1.85053	0.776434	1.07775	1.07775	0.0604465	1.74505	1.74505	2.3704	2.59635	0.973618	1
cg19403014	LHCGR	0.119239	0.134152	4.60567	4.60567	0.17493	3.91223	3.91223	0.514949	1.86693	1.86693	0.860712	0.846996	-1.18064	0.790422	1.28639	1.28639	0.143015	4.42959	4.42959	0.386523	0.43202	-2.31471	0.00985506	21.8436	21.8436	0.0657529	7.04486	7.04486	2.3704	33.5606	12.585	1
cg25890048	OR5I1	0.119242	0.0186291	0.0902623	-11.0788	0.0386872	0.132797	-7.53031	0.158742	0.28078	-3.5615	0.152858	0.275018	-3.63612	0.950306	0.948804	-1.05396	0.326886	0.42595	-2.3477	0.816407	1.21664	1.21664	0.314825	0.416271	-2.40228	0.0318733	0.119956	-8.33642	2.37037	26.6911	10.0092	1
cg11964613	ARSE;ARSE	0.119243	0.147094	0.592964	-1.68644	0.234205	0.657787	-1.52025	0.0277282	0.417282	-2.39646	0.13631	0.583254	-1.71452	0.0953312	0.540361	-1.85061	0.642032	1.17028	1.17028	0.0366995	0.442518	-2.2598	0.461237	0.777279	-1.28654	0.0438151	0.459195	-2.17773	2.37037	4.23555	1.58833	1
cg07767963	MPP2	0.119245	0.309802	1.10275	1.10275	0.0934003	1.18736	1.18736	0.0319313	1.26358	1.26358	0.25192	0.894595	-1.11782	0.759684	1.02896	1.02896	0.0868531	0.838632	-1.19242	0.164136	1.14816	1.14816	0.461797	0.932658	-1.0722	0.784774	1.0258	1.0258	2.37035	0.325132	0.121926	1
cg17599298	CPA6;CPA6	0.119247	0.0276975	0.257138	-3.88897	0.141424	0.438157	-2.28229	0.231267	0.519318	-1.9256	0.216161	0.507027	-1.97228	0.014756	0.208913	-4.78668	0.144926	0.441786	-2.26354	0.310294	0.578199	-1.72951	0.134843	0.431194	-2.31914	0.0522518	0.315994	-3.16462	2.37034	10.2223	3.83342	1
cg21234914	RGS9;RGS9;RGS9	0.119248	0.140329	0.313047	-3.1944	0.00376285	0.0570924	-17.5155	0.260826	0.423757	-2.35984	0.973964	1.02418	1.02418	0.145005	0.317938	-3.14526	0.32456	0.474823	-2.10605	0.153761	0.326914	-3.05891	0.265402	0.427538	-2.33897	0.396461	0.529549	-1.8884	2.37033	20.1218	7.54581	1
cg14327531	GATA3;GATA3	0.119248	0.0301827	6.83281	6.83281	0.670094	0.723912	-1.38138	0.184336	2.89108	2.89108	0.427991	0.543299	-1.84061	0.0584019	5.01444	5.01444	0.275316	2.35287	2.35287	0.453971	0.562665	-1.77726	0.0428757	5.79512	5.79512	0.982678	0.983766	-1.0165	2.37032	21.3378	8.00183	1
cg07736123	ILVBL	0.119251	0.17041	0.758895	-1.3177	0.279609	1.23665	1.23665	0.35828	1.19544	1.19544	0.77186	0.946544	-1.05648	0.358336	1.19541	1.19541	0.937063	0.985187	-1.01504	0.00993552	0.540446	-1.85032	0.117847	0.725483	-1.37839	0.899586	1.02414	1.02414	2.37029	1.34055	0.502723	1
cg04743872	PID1;PID1	0.119253	0.159249	0.637314	-1.56909	0.0588761	0.527856	-1.89446	0.896992	1.03955	1.03955	0.45421	1.25646	1.25646	0.439281	1.26646	1.26646	0.64582	1.14864	1.14864	0.0103064	0.379834	-2.63273	0.849955	0.944864	-1.05835	0.562048	1.19191	1.19191	2.37028	3.36661	1.26253	1
cg10949007	GLRX;GLRX	0.119258	0.0918892	0.493951	-2.02449	0.0684803	2.17109	2.17109	0.332717	0.68399	-1.46201	0.099157	0.503033	-1.98794	0.288524	1.52014	1.52014	0.794796	0.905677	-1.10415	0.926326	0.965456	-1.03578	0.131268	1.85762	1.85762	0.148609	0.554949	-1.80197	2.37023	5.42348	2.03392	1
cg03571723	HMGB1	0.11926	0.0179264	2.2742	2.2742	0.780719	1.08297	1.08297	0.0978921	1.67971	1.67971	0.123083	0.620562	-1.61144	0.937858	1.02252	1.02252	0.150639	1.55269	1.55269	0.276135	1.38204	1.38204	0.267191	0.718814	-1.39118	0.837726	1.06032	1.06032	2.37022	3.06233	1.14845	1
cg17357561	PTBP1;PTBP1;PTBP1;PTBP1	0.119263	0.82044	0.871118	-1.14795	0.00979844	7.25595	7.25595	0.36449	1.76041	1.76041	0.486939	0.651373	-1.53522	0.132657	0.373543	-2.67707	0.619873	0.738251	-1.35455	0.13889	0.380299	-2.62951	0.515495	1.49212	1.49212	0.754081	0.826363	-1.21012	2.37019	13.8266	5.18536	1
cg27429507	PSMA1;PSMA1;PSMA1	0.119267	0.819012	1.09116	1.09116	0.101941	1.97676	1.97676	0.0243701	2.77672	2.77672	0.0880514	0.488428	-2.04738	0.126771	0.533277	-1.8752	0.544608	0.79182	-1.26291	0.355985	1.43536	1.43536	0.997765	1.00107	1.00107	0.743049	0.882302	-1.1334	2.37016	5.43935	2.03994	1
cg06188683	ANP32A	0.119268	0.915269	1.02692	1.02692	0.00276852	0.357019	-2.80097	0.97445	0.992039	-1.00802	0.36743	0.793696	-1.25993	0.946751	1.01681	1.01681	0.926006	0.977085	-1.02345	0.51243	0.847217	-1.18034	0.340661	1.27769	1.27769	0.722542	0.914871	-1.09305	2.37015	2.33788	0.87679	1
cg26392005	TSHR;TSHR;TSHR	0.119269	0.486362	0.908463	-1.10076	0.336313	0.874101	-1.14403	0.389323	0.887152	-1.1272	0.224506	1.18908	1.18908	0.0236532	0.693022	-1.44295	0.319563	0.869696	-1.14983	0.641649	0.938366	-1.06568	0.0166383	0.672413	-1.48718	0.132829	0.802428	-1.24622	2.37013	0.691536	0.259352	1
cg25693349	PSMB8;PSMB8	0.119272	0.106153	0.741284	-1.34901	0.115003	0.747701	-1.33743	0.936254	0.986521	-1.01366	0.021015	0.624393	-1.60156	0.0507647	0.685513	-1.45876	0.692331	1.0698	1.0698	0.551164	1.10772	1.10772	0.956918	0.990877	-1.00921	0.0759578	0.715302	-1.39801	2.37011	1.08041	0.405199	1
cg11824564	B3GNTL1	0.119272	0.401901	0.77646	-1.2879	0.361262	1.31887	1.31887	0.159726	1.55748	1.55748	0.504693	0.819022	-1.22097	0.143239	0.628807	-1.59031	0.530518	1.20609	1.20609	0.00870902	2.68005	2.68005	0.939336	0.977803	-1.0227	0.481837	1.23471	1.23471	2.37011	3.26478	1.22443	1
cg22678952	CCND2	0.119273	0.456585	1.28096	1.28096	0.723572	1.12297	1.12297	0.00440526	3.46072	3.46072	0.0823232	1.87485	1.87485	0.91676	0.966434	-1.03473	0.235402	1.50098	1.50098	0.687276	1.14129	1.14129	0.0826644	1.87326	1.87326	0.484666	1.26101	1.26101	2.3701	4.00346	1.50147	1
cg23166781	JAKMIP1;JAKMIP1	0.119275	0.0558788	2.91423	2.91423	0.272486	1.75772	1.75772	0.322911	1.65566	1.65566	0.239416	1.83741	1.83741	0.958516	1.02602	1.02602	0.0196893	4.01961	4.01961	0.299376	1.70082	1.70082	0.0200493	3.99694	3.99694	0.0786799	2.62311	2.62311	2.37008	9.15325	3.43288	1
cg23513644	MPHOSPH10;MCEE	0.119277	0.637514	0.948837	-1.05392	0.0640928	0.794333	-1.25892	0.724542	1.03993	1.03993	0.131291	1.19755	1.19755	0.07632	1.24385	1.24385	0.942945	1.00795	1.00795	0.230886	0.870163	-1.14921	0.214075	1.15576	1.15576	0.0666903	1.25548	1.25548	2.37007	0.459637	0.172386	1
cg26143045	TMEM108;TMEM108	0.119278	0.180794	1.22344	1.22344	0.112575	1.27781	1.27781	0.240201	1.19068	1.19068	0.723453	1.05172	1.05172	0.195904	0.823573	-1.21422	0.52708	0.913065	-1.09521	0.0273476	1.44847	1.44847	0.858319	1.02568	1.02568	0.109106	0.780384	-1.28142	2.37005	0.756049	0.283556	1
cg16660547	VTI1A	0.119278	0.350003	1.1825	1.1825	0.6966	0.933998	-1.07067	0.0115858	0.576935	-1.7333	0.952952	1.01033	1.01033	0.0640712	1.43709	1.43709	0.938534	0.986651	-1.01353	0.662144	1.07963	1.07963	0.59738	0.911302	-1.09733	0.145802	0.76176	-1.31275	2.37005	1.13979	0.42748	1
cg09462587	EIF1AD;EIF1AD;BANF1;BANF1	0.119281	0.465125	0.872825	-1.14571	0.694845	0.930402	-1.0748	0.151944	1.32425	1.32425	0.614803	0.911336	-1.09729	0.0272144	0.619872	-1.61324	0.424133	1.16109	1.16109	0.0523206	0.667773	-1.49751	0.0614767	0.68013	-1.47031	0.429578	0.862828	-1.15898	2.37002	1.2567	0.47133	1
cg10044111	PLEKHH1	0.119282	0.816418	0.887976	-1.12616	0.03486	3.62159	3.62159	0.101603	2.53059	2.53059	0.580592	0.751652	-1.3304	0.380668	1.58579	1.58579	0.519091	1.3973	1.3973	0.106785	2.48869	2.48869	0.820652	1.12301	1.12301	0.0450852	0.301144	-3.32067	2.50846	10.1464	3.14602	1
cg00574800	ESX1	0.119282	0.851268	1.07619	1.07619	0.0502139	0.417586	-2.39472	0.680637	0.850531	-1.17574	0.941162	1.0293	1.0293	0.0392975	0.393443	-2.54166	0.0762185	0.462228	-2.16343	0.0138856	0.304512	-3.28394	0.527443	0.778449	-1.28461	0.549523	0.78909	-1.26728	2.37002	5.74365	2.15419	1
cg10521413	RIOK2;RIOK2	0.119285	0.00347269	0.336833	-2.96883	0.784572	0.927587	-1.07807	0.461468	1.22834	1.22834	0.627882	1.14338	1.14338	0.689761	0.895771	-1.11636	0.550026	0.847131	-1.18046	0.197516	0.688197	-1.45307	0.669908	0.889026	-1.12483	0.553546	1.17869	1.17869	2.37	2.82461	1.0594	1
cg08267698	CUTA;CUTA;CUTA;CUTA;CUTA	0.119285	0.514061	0.908144	-1.10115	0.75744	1.04614	1.04614	0.371907	1.14281	1.14281	0.654884	1.0677	1.0677	0.429492	0.8892	-1.12461	0.0217609	0.669636	-1.49335	0.11376	0.778373	-1.28473	0.12579	1.2728	1.2728	0.136541	1.26308	1.26308	2.36999	0.795819	0.298479	1
cg17529745	EBF3	0.119286	0.359805	1.40766	1.40766	0.100126	1.92374	1.92374	0.809733	1.09155	1.09155	0.178782	1.67993	1.67993	0.261719	1.52966	1.52966	0.0861366	1.99103	1.99103	0.0276224	2.57499	2.57499	0.0415659	2.34756	2.34756	0.0240529	2.65738	2.65738	2.36998	4.95069	1.85681	1
cg06293872	ZFAT;ZFAT;ZFAT	0.119287	0.200912	0.617244	-1.62011	0.151516	0.577586	-1.73134	0.0543328	0.458448	-2.18127	0.694022	0.868292	-1.15169	0.78399	0.906514	-1.10313	0.14099	0.568051	-1.76041	0.0231845	0.379276	-2.6366	0.0274155	0.393788	-2.53943	0.587209	1.21627	1.21627	2.36997	4.78889	1.79613	1
cg05987503	PRR4;PRH1	0.119287	0.390776	0.90115	-1.10969	0.416429	1.1033	1.1033	0.146617	0.831593	-1.20251	0.633654	0.944754	-1.05848	0.652918	0.947829	-1.05504	0.478405	1.08905	1.08905	0.00639872	1.52183	1.52183	0.487309	0.919864	-1.08712	0.720596	0.958381	-1.04343	2.36997	0.525859	0.19723	1
cg14145049	IMMP2L	0.119289	0.749456	1.16797	1.16797	0.288901	0.586559	-1.70486	0.85472	0.915012	-1.09288	0.0992017	0.416512	-2.40089	0.012751	0.223229	-4.4797	0.212703	1.88892	1.88892	0.419052	1.49199	1.49199	0.99367	1.00385	1.00385	0.208636	1.90086	1.90086	2.36996	8.81406	3.30584	1
cg12230883	EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.119289	0.410183	0.634151	-1.57691	0.0202101	4.54772	4.54772	0.185104	2.13833	2.13833	0.616591	1.31389	1.31389	0.222034	0.499544	-2.00183	0.198229	0.47933	-2.08625	0.143774	0.427664	-2.33829	0.600037	1.33126	1.33126	0.322133	0.575154	-1.73866	2.36996	10.9773	4.1172	1
cg19818826	SATB1;SATB1	0.119292	0.169895	0.508023	-1.96841	0.698767	0.835155	-1.19738	0.655345	1.23135	1.23135	0.857512	0.920119	-1.08682	0.013855	0.244452	-4.09078	0.653464	0.811118	-1.23287	0.0301361	0.306902	-3.25837	0.0628255	0.379221	-2.63699	0.17293	0.51077	-1.95783	2.36993	8.05432	3.02093	1
cg06083652	ADARB2	0.119292	0.248842	0.620205	-1.61237	0.0801305	2.15855	2.15855	0.439669	0.731731	-1.36662	0.082179	0.466184	-2.14507	0.0330928	0.372524	-2.68439	0.268105	0.633078	-1.57959	0.64791	1.19988	1.19988	0.267687	0.632804	-1.58027	0.111849	0.503484	-1.98616	2.36993	5.89532	2.21116	1
cg27005246	STX4	0.119292	0.0182415	0.677213	-1.47664	0.139391	1.24155	1.24155	0.23163	1.18607	1.18607	0.107274	0.787329	-1.27012	0.789038	0.964182	-1.03715	0.608095	0.932067	-1.07288	0.332433	0.872844	-1.14568	0.230924	1.18641	1.18641	0.987535	1.00213	1.00213	2.36993	0.694399	0.260448	1
cg22453818	LHFPL2	0.119294	0.125763	0.438588	-2.28005	0.530482	0.728979	-1.37178	0.0406179	0.308481	-3.24169	0.893305	1.06904	1.06904	0.00754071	0.180804	-5.53085	0.0940309	0.400149	-2.49907	0.428451	0.668875	-1.49505	0.906271	0.943087	-1.06035	0.308059	0.591635	-1.69023	2.36991	9.28907	3.48408	1
cg24318263	SMCR7;SMCR7;SMCR7	0.119294	0.879941	0.976867	-1.02368	0.348804	1.16108	1.16108	0.66907	0.935589	-1.06885	0.314833	1.17462	1.17462	0.500968	1.11156	1.11156	0.0253481	0.662583	-1.50924	0.0400988	0.692595	-1.44384	0.127885	1.29031	1.29031	0.775158	0.956624	-1.04534	2.36991	0.89995	0.337547	1
cg07665510	CUEDC1	0.119297	0.176937	0.761937	-1.31244	0.942106	0.986335	-1.01385	0.228895	0.787251	-1.27024	0.790763	0.950873	-1.05167	0.494162	0.876755	-1.14057	0.846525	0.963956	-1.03739	0.00454165	0.488617	-2.04659	0.150097	0.746565	-1.33947	0.0673544	0.678189	-1.47451	2.36988	1.347	0.505228	1
cg17982478	PLEKHA7	0.119298	0.0257874	0.462692	-2.16126	0.348093	0.754858	-1.32475	0.563914	1.1851	1.1851	0.314957	1.35323	1.35323	0.516834	1.21086	1.21086	0.182073	1.5103	1.5103	0.0958105	1.70324	1.70324	0.122624	0.614468	-1.62742	0.746042	1.09922	1.09922	2.36988	3.18078	1.19304	1
cg22381300	TMEM183A;TMEM183B	0.119302	?	?	?	0.407095	1.78873	1.78873	?	?	?	0.188765	0.376225	-2.65798	?	?	?	0.156632	0.342768	-2.91742	0.358861	0.522485	-1.91393	0.0251176	0.131258	-7.61858	0.31259	2.05767	2.05767	3.07249	13.5873	3.6852	1
cg09558427	ZMYND8;ZMYND8;ZMYND8	0.119305	0.507346	1.26679	1.26679	0.723375	0.882541	-1.13309	0.742319	0.890476	-1.12299	0.257961	1.51441	1.51441	0.0974743	0.527635	-1.89525	0.406325	1.34807	1.34807	0.00851974	0.307166	-3.25557	0.347923	1.40463	1.40463	0.917825	0.964366	-1.03695	2.36982	4.6395	1.74022	1
cg08054070	HRNBP3	0.119305	0.172439	0.289494	-3.4543	0.587649	0.626661	-1.59576	0.874079	0.873382	-1.14497	0.262699	0.369049	-2.70967	0.0422073	0.135646	-7.37212	0.1708	0.287947	-3.47287	0.00692505	0.0506312	-19.7507	0.124564	0.241844	-4.1349	0.168007	0.285299	-3.5051	2.36981	27.3487	10.2582	1
cg14178077	PCSK5	0.119307	0.083965	0.348927	-2.86592	0.92943	0.952398	-1.04998	0.728921	0.825668	-1.21114	0.603193	0.749194	-1.33477	0.0131721	0.184086	-5.43226	0.229858	0.499729	-2.00108	0.0215805	0.218857	-4.56919	0.0947963	0.363877	-2.74818	0.29436	0.549446	-1.82001	2.3698	11.3788	4.2681	1
cg19659045	SAP30L;SAP30L;SAP30L;SAP30L;SAP30L;SAP30L;SAP30L	0.119307	0.0173574	0.516821	-1.9349	0.547089	1.14892	1.14892	0.571088	1.1393	1.1393	0.0303414	0.559903	-1.78602	0.665991	0.905795	-1.104	0.197149	0.732983	-1.36429	0.570652	1.13948	1.13948	0.608937	1.12475	1.12475	0.172521	0.718362	-1.39206	2.36979	1.94816	0.730738	1
cg27565277	XYLT1	0.11931	0.851052	0.965279	-1.03597	0.186717	1.30097	1.30097	0.347942	1.19921	1.19921	0.76461	0.945112	-1.05808	0.0457222	1.53818	1.53818	0.0327011	1.59964	1.59964	0.0156391	1.74562	1.74562	0.804311	1.04777	1.04777	0.932462	0.984192	-1.01606	2.36977	1.32633	0.4975	1
cg03075561	FAM126B;NDUFB3;NDUFB3	0.11931	0.0480553	7.52544	7.52544	?	?	?	0.0987074	0.208021	-4.8072	0.850958	1.16577	1.16577	0.112723	0.225458	-4.43542	?	?	?	?	?	?	0.477238	1.8136	1.8136	0.468465	1.8366	1.8366	3.07236	19.7666	5.36141	1
cg02934082	SEMA5B	0.119311	0.128181	0.473336	-2.11266	0.0143837	0.253555	-3.94392	0.128699	0.473892	-2.11018	0.91167	1.05176	1.05176	0.0190353	0.274991	-3.63649	0.824142	0.903731	-1.10652	0.251906	0.580214	-1.7235	0.799884	1.12246	1.12246	0.448492	0.703773	-1.42091	2.36976	7.7633	2.91198	1
cg18564053	HES3	0.119316	0.0350784	0.359875	-2.77874	0.527479	0.766074	-1.30536	0.161326	0.536528	-1.86384	0.0650953	2.36808	2.36808	0.123854	0.499735	-2.00106	0.448601	1.3791	1.3791	0.24962	0.606029	-1.65009	0.394636	1.4375	1.4375	0.725272	1.15819	1.15819	2.36971	6.50249	2.43911	1
cg13089154	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.119317	0.439422	1.41276	1.41276	0.159807	1.93128	1.93128	0.100504	2.19984	2.19984	0.288291	1.62104	1.62104	0.0968418	0.449939	-2.22252	0.0271088	0.317787	-3.14676	0.49675	0.739072	-1.35305	0.84051	0.915492	-1.09231	0.890781	1.06205	1.06205	2.3697	7.20643	2.70317	1
cg13770461	PHF21A;PHF21A	0.119319	0.0617824	0.290223	-3.44562	0.360297	1.73861	1.73861	0.452119	0.637316	-1.56908	0.66899	0.776524	-1.28779	0.0658847	0.297131	-3.36551	0.788768	1.17107	1.17107	0.0653728	0.296284	-3.37514	0.0204062	0.193302	-5.17324	0.286334	0.521447	-1.91774	2.36969	12.9798	4.86883	1
cg14412794	WWC2	0.119319	0.192425	1.32416	1.32416	0.210182	0.764334	-1.30833	0.384559	0.834064	-1.19895	0.787799	1.05644	1.05644	0.0463583	1.59112	1.59112	0.169228	0.742254	-1.34725	0.0300714	1.68075	1.68075	0.988678	1.00289	1.00289	0.845558	0.961087	-1.04049	2.36969	1.55454	0.58312	1
cg06528816	TTC7A	0.119322	0.638827	1.25107	1.25107	0.203795	1.88805	1.88805	0.130491	2.16808	2.16808	0.2702	1.72291	1.72291	0.0582019	0.362631	-2.75763	0.0988571	2.35718	2.35718	0.0639785	2.6818	2.6818	0.257078	0.57094	-1.7515	0.732991	1.17617	1.17617	2.36966	8.42662	3.16093	1
cg08285180	ERC1;ERC1;ERC1;ERC1;ERC1	0.119324	0.517115	1.35079	1.35079	0.313328	1.61192	1.61192	0.824566	1.10699	1.10699	0.339569	1.5693	1.5693	0.206982	1.83909	1.83909	0.603793	1.27085	1.27085	0.330465	0.631448	-1.58366	0.532246	0.748542	-1.33593	0.0071772	0.204124	-4.89897	2.36964	7.86603	2.95067	1
cg01722932	MTNR1B	0.119327	0.163749	1.4267	1.4267	0.279757	0.764379	-1.30825	0.686457	0.907521	-1.1019	0.982444	1.00528	1.00528	0.0887802	0.638334	-1.56658	0.141278	0.685029	-1.45979	0.576144	0.873671	-1.1446	0.0194295	1.96537	1.96537	0.742396	1.08206	1.08206	2.36962	2.14594	0.804982	1
cg27178191	SLC4A8;SLC4A8	0.119328	0.531866	1.15853	1.15853	0.0570911	1.64912	1.64912	0.0207089	1.9103	1.9103	0.330561	1.26277	1.26277	0.929911	0.979765	-1.02065	0.489727	0.849545	-1.1771	0.0771236	0.63336	-1.57888	0.590492	1.13455	1.13455	0.284188	1.29503	1.29503	2.36961	2.0266	0.760218	1
cg05059843	DPEP1;DPEP1	0.119333	0.803286	0.940698	-1.06304	0.24962	1.34274	1.34274	0.0262228	0.524196	-1.90768	0.075159	0.615483	-1.62474	0.312855	0.774375	-1.29136	0.1303	1.49218	1.49218	0.73792	1.08573	1.08573	0.34542	1.26873	1.26873	0.365915	1.2555	1.2555	2.36956	2.25152	0.84461	1
cg16353345	NARS	0.119335	0.480953	1.09139	1.09139	0.733563	1.04259	1.04259	0.146959	1.20926	1.20926	0.0634044	1.29024	1.29024	0.12716	0.817599	-1.22309	0.999406	1.00009	1.00009	0.297395	1.14097	1.14097	0.0991736	1.2469	1.2469	0.064936	0.776456	-1.2879	2.36954	0.559248	0.209791	1
cg13096541	KIAA1244	0.119338	0.536488	0.894455	-1.118	0.532602	1.11922	1.11922	0.697235	0.932701	-1.07215	0.50708	0.886975	-1.12743	0.0968944	1.38364	1.38364	0.507502	1.12729	1.12729	0.0129711	0.577254	-1.73234	0.791948	0.953983	-1.04824	0.0984801	1.38112	1.38112	2.36952	1.19169	0.447043	1
cg16918161	PDCL2	0.119341	0.940766	1.02146	1.02146	0.0545574	0.536241	-1.86483	0.599063	0.859339	-1.16369	0.912604	0.969115	-1.03187	0.0101217	0.395731	-2.52697	0.673303	1.12882	1.12882	0.11264	1.63799	1.63799	0.532028	0.834546	-1.19826	0.604466	0.861298	-1.16104	2.36949	3.06404	1.14944	1
cg10972625	LOC100286793;FLJ39739	0.119341	0.0232048	0.363661	-2.74981	0.197497	0.601824	-1.66161	0.0654273	0.462627	-2.16157	0.455997	1.32711	1.32711	0.482357	0.766321	-1.30494	0.721307	1.14284	1.14284	0.0716394	0.472476	-2.11651	0.274362	1.52799	1.52799	0.267641	0.650225	-1.53793	2.36949	5.21427	1.95607	1
cg19601475	GALNT10;GALNT10	0.119341	0.0592966	0.717802	-1.39314	0.375443	0.86792	-1.15218	0.126323	0.772938	-1.29376	0.450515	1.12719	1.12719	0.992815	1.0014	1.0014	0.550847	1.09854	1.09854	0.0161188	1.5817	1.5817	0.59109	1.08813	1.08813	0.899907	0.980595	-1.01979	2.36949	0.910061	0.3414	1
cg26572499	CYFIP1	0.119343	0.238295	1.36821	1.36821	0.0642635	0.589962	-1.69502	0.305631	1.30895	1.30895	0.127499	1.51933	1.51933	0.161692	1.46124	1.46124	0.458149	0.825516	-1.21136	0.0634113	1.6986	1.6986	0.206797	0.713246	-1.40204	0.639821	1.12707	1.12707	2.36948	2.41746	0.906889	1
cg00499837	PVRL1;PVRL1	0.119343	0.670472	1.15916	1.15916	0.0123858	0.341545	-2.92787	0.37976	0.732777	-1.36467	0.496672	1.26889	1.26889	0.83883	1.0728	1.0728	0.297146	0.688683	-1.45205	0.127364	0.566153	-1.76631	0.240444	0.654364	-1.5282	0.122319	1.78213	1.78213	2.36948	4.46836	1.67627	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18592561	SCRT2	0.119343	0.65944	1.30357	1.30357	0.229192	2.1261	2.1261	0.388053	1.69696	1.69696	0.548478	0.695619	-1.43757	0.556162	1.42738	1.42738	0.0534936	3.70989	3.70989	0.0666944	3.41792	3.41792	0.0100681	6.96865	6.96865	0.120806	2.73388	2.73388	2.36948	13.4099	5.03061	1
cg25381737	CYMP	0.119343	0.044028	0.348862	-2.86646	0.164241	1.96483	1.96483	0.972413	0.984386	-1.01586	0.296157	0.610809	-1.63717	0.0257891	0.299758	-3.33602	0.248879	0.577819	-1.73065	0.49357	0.728762	-1.37219	0.0905797	0.42803	-2.33629	0.156796	0.501983	-1.9921	2.36947	7.77183	2.91554	1
cg09744016	ARL15;ARL15	0.119343	0.248126	1.12631	1.12631	0.203809	0.876228	-1.14126	0.337007	1.10243	1.10243	0.239255	0.885668	-1.12909	0.375938	1.09365	1.09365	0.385995	1.0915	1.0915	0.0169065	0.750464	-1.33251	0.200426	1.14252	1.14252	0.558092	1.06009	1.06009	2.36947	0.364212	0.136632	1
cg13246026	TAS1R3	0.119346	0.033872	0.182813	-5.47007	0.137332	0.333608	-2.99753	0.25345	0.441235	-2.26637	0.327319	0.499738	-2.00105	0.0552734	0.22525	-4.43951	0.0976432	0.287443	-3.47895	0.0204535	0.147175	-6.79464	0.257001	0.444166	-2.25141	0.0581677	0.230204	-4.34397	2.36945	17.66	6.62509	1
cg06717841	TRIT1	0.119347	0.282396	1.14817	1.14817	0.0418359	1.33663	1.33663	0.0176213	1.42928	1.42928	0.629483	0.941641	-1.06198	0.642942	0.94389	-1.05945	0.442181	0.907621	-1.10178	0.700452	0.953311	-1.04898	0.15528	1.20696	1.20696	0.151777	1.20918	1.20918	2.36944	0.574142	0.215388	1
cg26427827	CASZ1;CASZ1	0.11935	0.833318	1.10819	1.10819	0.392927	1.53209	1.53209	0.410917	1.50666	1.50666	0.968833	0.981134	-1.01923	0.0036793	0.147485	-6.78037	0.924656	1.04719	1.04719	0.233456	0.543903	-1.83856	0.68884	0.821829	-1.2168	0.570586	0.756217	-1.32237	2.36941	8.91778	3.34552	1
cg07318398	KLHL10;NT5C3L	0.119352	0.0985928	0.439873	-2.27339	0.734026	0.856728	-1.16723	0.723577	0.851278	-1.1747	0.659764	0.818013	-1.22247	0.0523152	0.36763	-2.72012	0.126863	0.472994	-2.11419	0.0279475	0.308029	-3.24645	0.0165798	0.265313	-3.76914	0.90759	0.94871	-1.05406	2.36939	7.71491	2.89428	1
cg03032025	CPEB4	0.119352	0.473584	1.30007	1.30007	0.191729	1.64472	1.64472	0.0205029	2.73214	2.73214	0.0730655	2.05392	2.05392	0.359293	0.712232	-1.40404	0.73765	0.886003	-1.12866	0.348006	0.706189	-1.41605	0.46275	1.30881	1.30881	0.0614667	2.13509	2.13509	2.36939	4.86416	1.82481	1
cg18224993	ODZ4	0.119354	0.0574552	0.20316	-4.92223	0.0290963	0.148434	-6.73702	0.0415307	0.174948	-5.71599	0.423088	0.545045	-1.83471	0.0363625	0.164549	-6.07721	0.330702	0.474996	-2.10528	0.133569	0.301133	-3.32079	0.161807	0.330199	-3.02847	0.0825016	0.24015	-4.16406	2.36938	20.6445	7.74494	1
cg06700146	BCL6B;BCL6B	0.119355	0.0902862	12.743	12.743	0.0234523	40.0713	40.0713	0.113491	10.4648	10.4648	0.134214	9.04222	9.04222	0.865979	1.25897	1.25897	0.170658	7.30958	7.30958	0.131578	9.20069	9.20069	0.0393351	25.7999	25.7999	0.0499927	21.0595	21.0595	2.36937	69.752	26.168	1
cg19452853	CABIN1	0.119359	0.163906	0.498704	-2.0052	0.335254	0.62788	-1.59266	0.110877	2.25589	2.25589	0.181024	0.5142	-1.94477	0.353638	0.639556	-1.56359	0.285083	0.594499	-1.68209	0.0588464	0.368091	-2.71672	0.0328765	0.310715	-3.21838	0.104128	0.4351	-2.29832	2.36933	8.23155	3.08818	1
cg19757309	C14orf132	0.11936	0.74117	0.953567	-1.04869	0.0366567	0.705918	-1.41659	0.0935412	0.767544	-1.30286	0.496208	1.10418	1.10418	0.461577	0.898068	-1.1135	0.957076	1.00775	1.00775	0.497721	0.905974	-1.10378	0.0541975	1.36809	1.36809	0.143969	1.25254	1.25254	2.36932	0.772055	0.289649	1
cg24101359	GNMT	0.119361	0.150002	0.431364	-2.31823	0.00562689	7.24346	7.24346	0.827374	0.887817	-1.12636	0.511963	0.696018	-1.43674	0.928047	1.05044	1.05044	0.494388	1.45947	1.45947	0.557427	0.723783	-1.38163	0.309513	0.563841	-1.77355	0.941707	0.960939	-1.04065	2.36931	11.139	4.17897	1
cg00714888	CROCC	0.119362	0.0381658	7.80569	7.80569	0.112178	4.38911	4.38911	0.122076	4.19161	4.19161	0.305321	2.47873	2.47873	0.0339467	8.30779	8.30779	0.169871	3.49146	3.49146	0.0514558	6.66019	6.66019	0.148539	3.76287	3.76287	0.0385187	7.76759	7.76759	2.36931	27.4431	10.2958	1
cg18396054	CUL5	0.119363	0.62238	0.921998	-1.0846	0.102006	1.3402	1.3402	0.0725374	1.38792	1.38792	0.552544	1.1033	1.1033	0.118856	1.3191	1.3191	0.0460902	0.68802	-1.45345	0.307	1.18888	1.18888	0.457816	0.88365	-1.13167	0.205994	1.2439	1.2439	2.3693	1.00439	0.376817	1
cg01669861	TRAPPC9;TRAPPC9	0.119364	0.674298	1.0674	1.0674	0.0525815	1.40508	1.40508	0.873127	1.02497	1.02497	0.249318	1.20419	1.20419	0.358479	0.864401	-1.15687	0.518158	0.903844	-1.10639	0.0122106	1.61909	1.61909	0.0968869	1.32474	1.32474	0.900831	0.980945	-1.01942	2.36928	0.893645	0.33527	1
cg09704223	SEPX1	0.119365	0.255827	0.56757	-1.7619	0.692559	1.20895	1.20895	0.169148	2.01263	2.01263	0.107347	2.31448	2.31448	0.0593045	0.361828	-2.76375	0.770453	0.869618	-1.14993	0.0369529	0.314461	-3.18005	0.813855	0.893488	-1.11921	0.239012	0.554996	-1.80181	2.36927	8.55507	3.20964	1
cg25929664	FAM20C	0.119366	0.418185	1.49962	1.49962	0.274984	1.74423	1.74423	0.128933	2.23376	2.23376	0.996581	0.997903	-1.0021	0.0080438	0.189565	-5.27523	0.607124	1.28922	1.28922	0.285183	1.72242	1.72242	0.426982	1.48777	1.48777	0.649086	1.25156	1.25156	2.36927	9.0026	3.37754	1
cg18951537	MAP2K4	0.119366	0.170984	0.421802	-2.37078	0.015899	0.174009	-5.74684	0.998324	0.998757	-1.00124	0.959439	0.970333	-1.03057	0.0112688	0.15263	-6.5518	0.310904	0.537494	-1.86049	0.187765	0.437534	-2.28554	0.476925	0.651651	-1.53456	0.220762	0.466599	-2.14317	2.36927	13.1576	4.93639	1
cg21661347	ADAMTS10	0.119372	0.404392	0.895518	-1.11667	0.801804	1.03307	1.03307	0.0218302	1.42757	1.42757	0.33545	1.13709	1.13709	0.309017	0.872688	-1.14589	0.56342	1.07848	1.07848	0.111345	0.799053	-1.25148	0.547734	0.924331	-1.08186	0.0684367	1.30194	1.30194	2.36922	0.627771	0.235529	1
cg24352736	YIPF2;C19orf52	0.119375	0.988052	1.00361	1.00361	0.31281	1.2857	1.2857	0.626576	0.888675	-1.12527	0.172763	0.705216	-1.41801	0.0654075	0.607862	-1.64511	0.0187739	0.5039	-1.98452	0.0523397	0.587926	-1.70089	0.136573	0.679737	-1.47116	0.912787	0.973974	-1.02672	2.36919	2.17401	0.815659	1
cg07632032	NUDT9;NUDT9	0.119375	0.298409	0.791473	-1.26347	0.560544	1.1362	1.1362	0.205104	1.33653	1.33653	0.15721	0.720212	-1.38848	0.134463	0.704581	-1.41928	0.0270051	0.56658	-1.76497	0.0521597	0.619255	-1.61484	0.138678	0.707624	-1.41318	0.527064	0.870189	-1.14918	2.36919	1.76637	0.662719	1
cg23221504	GAD1;GAD1	0.119378	0.00871787	0.673327	-1.48516	0.20456	1.17167	1.17167	0.277866	0.874988	-1.14287	0.561464	0.932876	-1.07195	0.339703	0.890071	-1.12351	0.389073	1.11011	1.11011	0.671399	0.950754	-1.0518	0.196279	1.17552	1.17552	0.583761	0.936616	-1.06767	2.36916	0.525521	0.197171	1
cg06570298	NCRNA00171	0.119378	0.327615	0.788356	-1.26846	0.334293	0.791094	-1.26407	0.628003	1.12177	1.12177	0.768741	0.932968	-1.07185	0.027063	0.540153	-1.85133	0.124204	0.675867	-1.47958	0.0143415	0.491424	-2.0349	0.943037	1.01696	1.01696	0.415209	1.21651	1.21651	2.36916	2.07798	0.779639	1
cg24092536	DAGLB;DAGLB	0.119381	0.164236	1.94461	1.94461	0.195399	0.54138	-1.84713	0.224011	1.77252	1.77252	0.787896	0.886178	-1.12844	0.904401	1.05532	1.05532	0.00820431	0.219685	-4.55197	0.813352	0.899438	-1.11181	0.504885	1.35419	1.35419	0.439481	0.70236	-1.42377	2.36914	7.53429	2.82683	1
cg22252931	DDX54;DDX54	0.119383	0.250128	1.70551	1.70551	0.323321	0.635619	-1.57327	0.303887	0.623116	-1.60484	0.0924287	2.27656	2.27656	0.757108	1.14776	1.14776	0.276606	1.65317	1.65317	0.032102	3.05027	3.05027	0.0554203	2.62339	2.62339	0.118288	2.12408	2.12408	2.36912	7.40416	2.77803	1
cg08797625	CAMK2G;CAMK2G;CAMK2G;CAMK2G;CAMK2G	0.119386	0.577498	0.840335	-1.19	0.915828	0.967847	-1.03322	0.922067	1.03071	1.03071	0.217181	0.669406	-1.49386	0.00478915	0.314308	-3.1816	0.184821	1.54458	1.54458	0.898354	1.0403	1.0403	0.576897	1.19034	1.19034	0.658681	1.14731	1.14731	2.36909	3.58543	1.34526	1
cg19282250	PRUNE2	0.119387	0.871657	0.926223	-1.07965	0.0492157	2.89831	2.89831	0.133151	2.15543	2.15543	0.630557	0.794767	-1.25823	0.882673	1.07251	1.07251	0.0876173	0.409105	-2.44436	0.0645994	0.373808	-2.67517	0.425474	1.47076	1.47076	0.226234	0.547534	-1.82637	2.36908	8.43093	3.16332	1
cg08124030	TM4SF1	0.119387	0.193157	0.20308	-4.92418	0.0567999	0.0824395	-12.1301	0.30884	0.295452	-3.38464	0.376049	0.349368	-2.86231	0.0627752	0.0885924	-11.2877	0.0616726	0.0874692	-11.4326	0.0151449	0.0316053	-31.6403	0.151035	0.168415	-5.93772	0.0693264	0.0951626	-10.5083	2.36908	50.2816	18.8659	1
cg25851842	TGFB2;TGFB2	0.119387	0.182729	0.682652	-1.46488	0.157558	1.50388	1.50388	0.253829	1.37954	1.37954	0.89924	1.0348	1.0348	0.556037	1.17442	1.17442	0.0494759	0.545943	-1.83169	0.0949862	0.609332	-1.64114	0.421997	0.801345	-1.2479	0.113569	1.59183	1.59183	2.36908	2.73534	1.02631	1
cg14836313	MRPL23	0.11939	0.04349	0.447499	-2.23464	0.0115804	0.335112	-2.98408	0.0776877	0.507069	-1.97212	0.263946	0.668115	-1.49675	0.0586596	0.477246	-2.09535	0.141561	0.578418	-1.72885	0.166027	0.59956	-1.66789	0.28597	0.681277	-1.46783	0.549746	0.810906	-1.23319	2.36906	4.50054	1.68864	1
cg15416352	MNT	0.119396	0.45066	0.850542	-1.17572	0.649079	1.1013	1.1013	0.0294206	1.71641	1.71641	0.727288	0.928913	-1.07653	0.504907	0.867181	-1.15316	0.0417851	0.610043	-1.63923	0.193057	1.33658	1.33658	0.69038	1.08799	1.08799	0.137956	0.714313	-1.39995	2.369	1.66442	0.624516	1
cg06988336	SPIRE2	0.119397	0.518283	0.761953	-1.31242	0.547464	1.28751	1.28751	0.266474	0.618391	-1.6171	0.0645521	0.422343	-2.36774	0.455901	0.72961	-1.3706	0.302415	0.641794	-1.55813	0.0158578	3.40951	3.40951	0.618439	1.23176	1.23176	0.271729	0.621911	-1.60795	2.36899	6.46573	2.42606	1
cg07893801	PLCG1;PLCG1	0.119399	0.0818516	0.250623	-3.99006	0.245229	0.417986	-2.39242	0.642743	1.39829	1.39829	0.183738	0.363441	-2.75148	0.0464425	0.194575	-5.13941	0.236223	0.410344	-2.43698	0.0235388	0.143547	-6.96635	0.0330986	0.167282	-5.97795	0.494194	0.607598	-1.64583	2.36897	19.3246	7.251	1
cg17976635	ORAOV1	0.1194	0.391894	0.761845	-1.3126	0.371681	1.329	1.329	0.325299	1.37021	1.37021	0.684518	0.881023	-1.13504	0.0389194	0.476474	-2.09875	0.20694	0.661841	-1.51094	0.0127311	0.382926	-2.61147	0.791447	1.08565	1.08565	0.982522	1.00682	1.00682	2.36896	3.60786	1.35375	1
cg05736824	INPP5A	0.119404	0.0422498	0.432476	-2.31227	0.34346	0.704936	-1.41857	0.0866642	0.507639	-1.9699	0.367333	0.717649	-1.39344	0.0572532	0.462728	-2.1611	0.436776	1.32873	1.32873	0.127303	1.80539	1.80539	0.860411	1.06509	1.06509	0.48003	1.29333	1.29333	2.36893	4.8158	1.80703	1
cg07311024	GLIPR1L2	0.119405	0.489322	0.799012	-1.25155	0.0151319	0.38539	-2.59478	0.0548515	0.498741	-2.00505	0.877493	0.951914	-1.05052	0.259814	0.686928	-1.45576	0.183953	0.637434	-1.56879	0.0416412	0.47221	-2.1177	0.0579131	0.504147	-1.98355	0.166843	0.624468	-1.60136	2.36893	3.82922	1.43683	1
cg08550689	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.119407	0.759309	1.06662	1.06662	0.0139592	0.528754	-1.89124	0.904877	1.02541	1.02541	0.515535	1.14841	1.14841	0.432135	1.18324	1.18324	0.468716	1.16733	1.16733	0.0973194	1.46501	1.46501	0.19215	1.33609	1.33609	0.185885	0.745002	-1.34228	2.3689	1.65254	0.620087	1
cg20687825	FRAS1;FRAS1	0.11941	0.411696	1.24752	1.24752	0.100528	0.62251	-1.6064	0.0361388	0.526226	-1.90032	0.154827	0.669529	-1.49359	0.460001	0.820207	-1.2192	0.198492	1.43052	1.43052	0.0931691	0.614703	-1.6268	0.165418	0.677191	-1.47669	0.137624	0.656214	-1.52389	2.36887	2.60442	0.977274	1
cg13439505	ZFP41	0.119413	0.733889	0.916431	-1.09119	0.365291	0.78828	-1.26858	0.869896	0.958943	-1.04281	0.993733	1.00201	1.00201	0.00432474	0.377014	-2.65242	0.637903	0.885824	-1.12889	0.143805	1.49432	1.49432	0.443565	0.81891	-1.22114	0.296127	0.758008	-1.31925	2.36885	2.45393	0.920813	1
cg17838182	CANT1;CANT1;CANT1	0.119413	0.51316	0.824289	-1.21317	0.00672946	2.78393	2.78393	0.157938	1.55254	1.55254	0.942064	0.979044	-1.0214	0.750545	0.911252	-1.09739	0.971271	0.989562	-1.01055	0.327037	0.744669	-1.34288	0.123238	1.62664	1.62664	0.425927	1.2673	1.2673	2.36885	3.18521	1.19522	1
cg09579959	GUK1;GUK1;GUK1;GUK1	0.119414	0.474062	1.15458	1.15458	0.24271	1.27299	1.27299	0.0889892	1.44821	1.44821	0.964535	0.99126	-1.00882	0.871385	1.03251	1.03251	0.633625	1.09944	1.09944	0.0251113	0.590987	-1.69209	0.529221	0.881751	-1.13411	0.0436827	1.58062	1.58062	2.36884	1.46231	0.548721	1
cg06599250	CAPNS1;CAPNS1	0.119415	0.0733336	0.580862	-1.72158	0.531	1.18844	1.18844	0.244892	1.39225	1.39225	0.252593	1.38418	1.38418	0.28196	1.35552	1.35552	0.111918	0.624417	-1.60149	0.0755964	1.71272	1.71272	0.0840237	1.68219	1.68219	0.895669	1.03634	1.03634	2.36883	2.77666	1.04192	1
cg06940309	EIF1	0.119416	0.37693	0.764126	-1.30868	0.39626	0.772777	-1.29403	0.801295	0.927906	-1.0777	0.00748635	0.360041	-2.77746	0.0491625	0.513612	-1.947	0.361061	0.756852	-1.32126	0.378651	0.764905	-1.30735	0.0422942	0.499567	-2.00173	0.153705	0.635591	-1.57334	2.36883	3.30296	1.23942	1
cg11574001	EPS8L2	0.119423	0.335884	2.32254	2.32254	0.0228799	10.094	10.094	0.0754329	5.36952	5.36952	0.0710748	5.54153	5.54153	0.0793543	5.22705	5.22705	0.170917	3.44915	3.44915	0.18714	3.27815	3.27815	0.0607918	6.01881	6.01881	0.0468759	6.90332	6.90332	2.36876	27.0533	10.1519	1
cg08378782	RASGRP2;RASGRP2;RASGRP2	0.119424	0.738636	0.837028	-1.1947	0.693361	1.23434	1.23434	0.101482	2.59238	2.59238	0.563562	1.36371	1.36371	0.93897	1.04152	1.04152	0.708597	1.22074	1.22074	0.00520579	7.09092	7.09092	0.144068	2.30191	2.30191	0.086	2.73986	2.73986	2.36875	10.5882	3.97331	1
cg01846703	DLG2;DLG2;DLG2	0.119425	0.945808	0.987537	-1.01262	0.00384925	0.487443	-2.05152	0.0772708	0.696015	-1.43675	0.0974407	0.714952	-1.39869	0.699513	0.930944	-1.07418	0.557671	0.896375	-1.1156	0.667759	0.923425	-1.08293	0.558605	0.896613	-1.11531	0.299588	0.820092	-1.21938	2.36875	1.27697	0.479191	1
cg14908186	CUL4A;PCID2;CUL4A;PCID2;CUL4A;PCID2	0.119426	0.695101	0.973051	-1.02769	0.14943	1.11316	1.11316	0.116237	1.12568	1.12568	0.25196	0.920352	-1.08654	0.147236	0.897748	-1.1139	0.19896	0.910159	-1.09871	0.0339742	0.842261	-1.18728	0.98331	0.99855	-1.00145	0.30194	1.07699	1.07699	2.36873	0.180446	0.0677142	1
cg11346339	BRD8;BRD8;BRD8;KIF20A	0.119429	0.472588	0.927006	-1.07874	0.694909	1.04174	1.04174	0.0621369	1.24343	1.24343	0.224722	0.876076	-1.14145	0.507866	0.932678	-1.07218	0.652704	1.04812	1.04812	0.142601	0.849163	-1.17763	0.0598968	0.802324	-1.24638	0.0799583	1.22331	1.22331	2.36871	0.403792	0.151528	1
cg20239160	JUP;JUP	0.119429	0.881216	1.09852	1.09852	0.666881	0.761751	-1.31277	0.340054	0.539065	-1.85506	0.0286529	0.197443	-5.06475	0.00799142	0.118079	-8.46892	0.403074	0.584068	-1.71213	0.17926	0.407977	-2.45112	0.932912	1.05434	1.05434	0.130081	0.357874	-2.79428	2.36871	14.816	5.55989	1
cg15683488	ZFYVE9;ZFYVE9;ZFYVE9	0.119431	0.482394	1.11467	1.11467	0.475522	0.895542	-1.11664	0.603066	1.08304	1.08304	0.686306	1.06368	1.06368	0.982663	1.00331	1.00331	0.0305326	0.67944	-1.4718	0.0539979	0.717069	-1.39457	0.194689	0.811729	-1.23194	0.0736355	1.35423	1.35423	2.36869	0.867333	0.325481	1
cg25170997	NOM1	0.11944	?	?	?	0.952859	0.959425	-1.04229	0.938635	0.947484	-1.05543	0.242878	0.424752	-2.35431	0.261614	0.440342	-2.27096	0.126829	0.314428	-3.18038	0.00707192	0.0872699	-11.4587	?	?	?	0.815093	1.17837	1.17837	2.42019	14.6349	6.91085	1
cg04864327	DOCK4	0.119441	0.143079	0.336377	-2.97285	0.0273267	0.164044	-6.09594	0.0197188	0.142322	-7.02632	0.970243	0.974507	-1.02616	0.0597543	0.229777	-4.35205	0.136856	0.329765	-3.03246	0.388384	0.542271	-1.8441	0.199991	0.391701	-2.55297	0.774176	1.22037	1.22037	2.3686	17.9781	6.74685	1
cg13572638	CABC1	0.119442	0.780591	1.19518	1.19518	0.0280473	5.24285	5.24285	0.0202087	5.9797	5.9797	0.803224	0.85264	-1.17283	0.0988109	0.314851	-3.1761	0.6291	0.73289	-1.36446	0.734576	1.24271	1.24271	0.509797	1.53256	1.53256	0.797219	0.848393	-1.1787	2.36859	15.2945	5.73976	1
cg09975352	PCDHB9	0.119442	0.0184864	2.1576	2.1576	0.414336	1.25181	1.25181	0.144883	1.52411	1.52411	0.223264	1.41117	1.41117	0.517547	1.19314	1.19314	0.13639	1.54018	1.54018	0.999173	0.999721	-1.00028	0.0164171	2.20186	2.20186	0.0758355	1.70201	1.70201	2.36859	2.71747	1.01982	1
cg07704144	SNPH	0.119444	0.326093	1.15817	1.15817	0.780817	1.04123	1.04123	0.665647	1.06499	1.06499	0.193836	1.2203	1.2203	0.567936	1.08719	1.08719	0.15616	0.802749	-1.24572	0.0202548	0.666696	-1.49993	0.399461	1.13306	1.13306	0.076219	1.3307	1.3307	2.36858	0.786825	0.295283	1
cg04740812	TRHDE	0.119444	0.0755543	0.182002	-5.49444	0.848926	0.850834	-1.17532	0.712293	1.36878	1.36878	0.778476	0.787462	-1.2699	0.089752	0.200218	-4.99457	0.237344	0.347862	-2.8747	0.00984953	0.0567487	-17.6215	0.113091	0.22768	-4.39213	0.0917134	0.202633	-4.93504	2.50683	27.8781	8.64957	1
cg14795163	LRRIQ3	0.119446	0.736273	1.0866	1.0866	0.962714	0.98858	-1.01155	0.069885	0.607739	-1.64544	0.0517649	0.5805	-1.72265	0.920683	1.02477	1.02477	0.0369309	0.55134	-1.81376	0.780391	1.07109	1.07109	0.210515	1.38291	1.38291	0.0861428	0.627576	-1.59343	2.36855	2.26461	0.849879	1
cg20400248	PPP1R3B	0.119448	0.157396	0.418679	-2.38847	0.167714	0.428806	-2.33206	0.241531	0.493641	-2.02576	0.393874	0.604767	-1.65353	0.00883305	0.146668	-6.81813	0.724018	0.81534	-1.22648	0.0581016	0.291315	-3.43271	0.352314	1.73527	1.73527	0.238829	0.49145	-2.0348	2.36854	12.4392	4.6683	1
cg25274008	TRIM62	0.119451	0.267661	1.63114	1.63114	0.0140023	3.61726	3.61726	0.025238	3.08796	3.08796	0.372962	1.47338	1.47338	0.539969	1.30071	1.30071	0.636118	1.22379	1.22379	0.0275534	3.01685	3.01685	0.205399	1.76138	1.76138	0.548881	1.29306	1.29306	2.36851	6.73507	2.52763	1
cg15202627	FAM53A	0.119451	0.929322	1.02268	1.02268	0.789742	0.934672	-1.06989	0.930615	1.02226	1.02226	0.474336	0.831991	-1.20194	0.688884	0.903265	-1.1071	0.144717	1.48586	1.48586	0.00795372	0.423088	-2.36358	0.310984	1.30342	1.30342	0.170508	1.44625	1.44625	2.36851	2.39719	0.899653	1
cg04239865	PMP22;PMP22;PMP22	0.119451	0.451543	1.19521	1.19521	0.27505	1.30214	1.30214	0.200426	1.36946	1.36946	0.023981	0.534683	-1.87027	0.130951	1.46104	1.46104	0.101122	1.51798	1.51798	0.421671	0.826272	-1.21025	0.591743	0.881735	-1.13413	0.517958	0.858663	-1.1646	2.36851	2.0275	0.760908	1
cg05262369	NUCKS1	0.119453	0.231471	0.449351	-2.22543	0.0892086	3.30217	3.30217	0.0725752	3.58542	3.58542	0.951107	1.03986	1.03986	0.272386	0.482797	-2.07126	0.997403	0.997928	-1.00208	0.114894	0.335305	-2.98236	0.0518825	4.09573	4.09573	0.969641	0.976035	-1.02455	2.36849	15.2389	5.71913	1
cg24176563	EYA4;EYA4;EYA4;EYA4;EYA4;EYA4	0.119454	0.0490082	0.655552	-1.52543	0.764507	0.945116	-1.05807	0.488816	0.876235	-1.14125	0.294219	0.815128	-1.2268	0.475371	0.872515	-1.14611	0.792979	0.951783	-1.05066	0.0381951	0.636755	-1.57046	0.580368	1.11062	1.11062	0.0380077	1.57137	1.57137	2.36849	1.32422	0.496976	1
cg17603219	LRRC8D;LRRC8D	0.119459	0.0244617	0.192853	-5.18529	0.396328	0.586659	-1.70457	0.357668	1.78746	1.78746	0.503381	1.51735	1.51735	0.0526106	0.258488	-3.86865	0.98125	1.01453	1.01453	0.194614	0.430656	-2.32204	0.128298	2.74391	2.74391	0.863484	1.11145	1.11145	2.36844	14.141	5.3072	1
cg17849912	PTPRB	0.119462	0.146935	0.792386	-1.26201	0.484612	0.899267	-1.11202	0.0755221	0.743956	-1.34417	0.316059	0.856448	-1.16761	0.0166238	0.645832	-1.54839	0.0113274	0.622474	-1.60649	0.599043	0.923749	-1.08255	0.635521	0.931111	-1.07399	0.539267	0.911266	-1.09737	2.36841	0.838302	0.314623	1
cg27443567	PCID2;PCID2;PCID2	0.119463	0.137305	1.86976	1.86976	0.884269	0.944637	-1.05861	0.806144	1.10092	1.10092	0.656081	1.19157	1.19157	0.104615	0.499759	-2.00096	0.214117	1.66774	1.66774	0.0156368	3.18638	3.18638	0.0804412	2.13451	2.13451	0.342746	1.46554	1.46554	2.3684	5.73558	2.15263	1
cg03364727	NCOA6	0.119466	0.19843	0.851848	-1.17392	0.084805	1.25215	1.25215	0.728372	1.04199	1.04199	0.271351	1.14465	1.14465	0.228266	1.1609	1.1609	0.575521	0.935435	-1.06902	0.518468	1.08029	1.08029	0.0270554	1.36178	1.36178	0.0370712	1.33058	1.33058	2.36838	0.522101	0.195952	1
cg02517488	RP1L1	0.119466	0.56828	0.61559	-1.62446	0.237232	0.352847	-2.83409	0.150914	0.273901	-3.65095	0.300629	0.405625	-2.46533	0.00459972	0.0418731	-23.8817	0.377608	0.466905	-2.14176	0.683502	0.708334	-1.41176	0.0507128	0.153673	-6.50734	0.16785	0.290367	-3.44392	2.36838	26.5479	9.96384	1
cg06439269	MXD4	0.119467	0.499075	0.657514	-1.52088	0.0268139	4.96677	4.96677	0.0405855	4.24141	4.24141	0.950987	1.03828	1.03828	0.255286	0.483973	-2.06623	0.50087	0.658702	-1.51814	0.126252	0.363914	-2.7479	0.954154	1.03576	1.03576	0.503497	0.660439	-1.51414	2.36837	14.0054	5.25646	1
cg08342708	CLCN5;CLCN5;MIR501	0.119468	0.155895	2.07429	2.07429	0.499089	0.719098	-1.39063	0.14039	0.466617	-2.14308	0.493832	0.716102	-1.39645	0.00764572	0.192461	-5.19586	0.346876	1.59283	1.59283	0.986054	0.991635	-1.00844	0.716382	0.839168	-1.19166	0.636057	1.25746	1.25746	2.36836	8.66337	3.25152	1
cg25490145	C17orf101;C17orf101	0.11947	0.581988	0.705579	-1.41728	0.969626	0.9764	-1.02417	0.0375126	0.220047	-4.54448	0.2196	0.444984	-2.24727	0.9769	0.982002	-1.01833	0.258946	2.09336	2.09336	0.0202036	5.79451	5.79451	0.697568	1.27756	1.27756	0.362007	0.555598	-1.79986	2.36835	14.7579	5.53896	1
cg08115597	ATG2B	0.119472	0.0309951	0.691927	-1.44524	0.817535	0.966951	-1.03418	0.0822494	0.755813	-1.32308	0.317266	0.860414	-1.16223	0.117124	0.780723	-1.28086	0.171615	0.809255	-1.2357	0.485769	0.902125	-1.10849	0.651031	1.06846	1.06846	0.0759165	1.33275	1.33275	2.36832	0.793241	0.297723	1
cg00281842	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGC3;PCDHGB6;PCDHGB3;PCDH	0.119473	0.766175	0.944153	-1.05915	0.00649584	0.505769	-1.97719	0.110854	0.715524	-1.39758	0.998472	1.00037	1.00037	0.664066	1.08785	1.08785	0.121963	0.723954	-1.3813	0.217057	0.778591	-1.28437	0.566894	1.11799	1.11799	0.671981	1.08553	1.08553	2.36832	1.39278	0.522743	1
cg16825173	PLEKHH3;PLEKHH3	0.119477	0.164444	1.39598	1.39598	0.771093	1.06781	1.06781	0.150563	1.41414	1.41414	0.748502	1.07502	1.07502	0.972326	1.00783	1.00783	0.0068988	2.19574	2.19574	0.314194	0.791298	-1.26375	0.444059	0.839054	-1.19182	0.200577	1.35532	1.35532	2.36828	1.89707	0.712029	1
cg16577593	LRRTM2;CTNNA1	0.119478	0.521296	0.776662	-1.28756	0.0469507	2.42102	2.42102	0.0503448	2.38057	2.38057	0.766874	0.890839	-1.12254	0.893467	1.05348	1.05348	0.063605	0.444478	-2.24983	0.134796	0.534272	-1.87171	0.886184	0.945838	-1.05726	0.538967	1.2736	1.2736	2.36827	5.67	2.12813	1
cg27619163	ALOX12B	0.119479	0.443757	0.715623	-1.39738	0.420286	0.702687	-1.42311	0.278986	1.61988	1.61988	0.0966902	2.18464	2.18464	0.963667	1.01971	1.01971	0.00753594	4.36436	4.36436	0.469908	1.37031	1.37031	0.133025	2.00279	2.00279	0.398001	1.44895	1.44895	2.36827	6.88783	2.58523	1
cg00322121	LNX1;LNX1	0.119479	0.0662656	0.396484	-2.52217	0.980843	0.989275	-1.01084	0.455911	0.711042	-1.40639	0.358583	1.52799	1.52799	0.0140071	0.256006	-3.90617	0.772375	0.877872	-1.13912	0.127642	0.477232	-2.09542	0.397644	1.47541	1.47541	0.120229	0.469106	-2.13171	2.36826	7.56444	2.83919	1
cg04180093	COPS6	0.11948	0.0230664	0.667888	-1.49726	0.256624	1.19229	1.19229	0.104891	1.30113	1.30113	0.248458	0.83594	-1.19626	0.861719	1.02623	1.02623	0.374579	0.873391	-1.14496	0.426515	1.12817	1.12817	0.68754	1.06189	1.06189	0.109631	1.29573	1.29573	2.36825	0.827523	0.310598	1
cg19626500	ANO8;ANO8	0.119481	0.212042	0.849093	-1.17773	0.276736	1.15117	1.15117	0.300834	1.14272	1.14272	0.395803	1.11429	1.11429	0.697872	0.952615	-1.04974	0.751455	0.961231	-1.04033	0.13579	0.818694	-1.22146	0.0102319	1.49607	1.49607	0.75185	0.961294	-1.04026	2.36824	0.580835	0.218009	1
cg09958559	CBFB;CBFB	0.119481	0.396376	1.13017	1.13017	0.162835	0.810664	-1.23356	0.876791	1.0221	1.0221	0.96561	1.00609	1.00609	0.0499379	0.729776	-1.37028	0.104328	1.28424	1.28424	0.813498	0.96725	-1.03386	0.0484868	0.727895	-1.37382	0.187663	1.21741	1.21741	2.36824	0.744579	0.279468	1
cg08074544	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.119487	0.587245	0.933707	-1.071	0.0449178	0.749729	-1.33381	0.0677638	0.774092	-1.29184	0.157312	0.827571	-1.20836	0.460779	1.09853	1.09853	0.3389	0.88394	-1.1313	0.0556781	1.31174	1.31174	0.263051	0.864135	-1.15723	0.423555	0.902767	-1.10771	2.36819	0.587434	0.22049	1
cg21161568	COL27A1	0.119491	0.214642	0.559093	-1.78861	0.0154047	3.75594	3.75594	0.263719	1.6796	1.6796	0.256931	0.590589	-1.69323	0.991993	1.00448	1.00448	0.973654	1.01481	1.01481	0.180752	0.531242	-1.88238	0.862927	1.07995	1.07995	0.125609	0.478189	-2.09122	2.36816	7.43018	2.78892	1
cg18262801	FHOD1	0.119492	0.0986251	2.28709	2.28709	0.0957256	2.30682	2.30682	0.0449665	2.86065	2.86065	0.0470323	2.82443	2.82443	0.0489613	2.79242	2.79242	0.112351	2.20255	2.20255	0.223957	1.79243	1.79243	0.0434319	2.88896	2.88896	0.121451	2.15323	2.15323	2.36814	7.8259	2.93747	1
cg19497939	FARP1;RNF113B;FARP1	0.119494	0.0876477	0.827679	-1.2082	0.0502368	0.799377	-1.25097	0.015195	0.741453	-1.3487	0.970745	1.00369	1.00369	0.134788	0.85066	-1.17556	0.693258	0.961011	-1.04057	0.824557	0.977973	-1.02252	0.446742	0.925151	-1.0809	0.0372802	0.784655	-1.27445	2.36813	0.377447	0.141677	1
cg07123481	MIR200B	0.119497	0.155019	0.735588	-1.35946	0.943992	0.985923	-1.01428	0.0401001	0.619619	-1.61389	0.39605	0.83914	-1.1917	0.00580383	0.482333	-2.07326	0.803965	1.05146	1.05146	0.618051	0.903542	-1.10676	0.230709	0.775919	-1.28879	0.313201	0.810189	-1.23428	2.3681	1.5271	0.57321	1
cg18543971	AGBL1	0.119497	0.388655	1.18468	1.18468	0.317698	0.820272	-1.21911	0.00864783	0.526183	-1.90048	0.922474	0.981501	-1.01885	0.455999	0.864473	-1.15677	0.848396	1.03739	1.03739	0.246923	1.26142	1.26142	0.2584	0.797555	-1.25383	0.090211	0.698956	-1.43071	2.3681	1.38001	0.518001	1
cg27380459	ACTN3	0.119497	0.10569	0.335109	-2.9841	0.859438	1.11589	1.11589	0.253022	0.477822	-2.09283	0.335363	0.540884	-1.84883	0.0797363	0.300319	-3.32979	0.550518	0.688226	-1.45301	0.0179767	0.168906	-5.92046	0.029653	0.205224	-4.87273	0.072612	0.289653	-3.45241	2.3681	14.3521	5.3872	1
cg13678479	MGC2752	0.119499	0.287397	1.21106	1.21106	0.490268	0.885604	-1.12917	0.838311	1.03606	1.03606	0.907526	0.980057	-1.02035	0.0960126	0.728403	-1.37287	0.264328	1.22348	1.22348	0.00787911	1.80574	1.80574	0.631285	1.08744	1.08744	0.351498	1.18084	1.18084	2.36808	1.12717	0.423096	1
cg03732122	MTA2;MTA2	0.119501	0.661712	1.06361	1.06361	0.722819	0.95134	-1.05115	0.692077	0.945771	-1.05734	0.412001	0.88915	-1.12467	0.766437	1.04261	1.04261	0.519522	0.912604	-1.09577	0.00327865	1.75291	1.75291	0.346331	1.14549	1.14549	0.982863	1.00301	1.00301	2.36807	0.735803	0.276194	1
cg13927401	SPDYE3	0.119506	0.859622	0.951958	-1.05047	0.465054	0.813193	-1.22972	0.278517	0.730967	-1.36805	0.529164	1.194	1.194	0.483293	0.820248	-1.21914	0.704234	0.899358	-1.1119	0.00245677	0.309844	-3.22743	0.800524	0.932006	-1.07295	0.992267	0.997308	-1.0027	2.36802	2.90108	1.08898	1
cg02994009	FAM86B2	0.119508	0.574585	1.15769	1.15769	0.443803	0.817446	-1.22332	0.131429	0.656752	-1.52265	0.343502	0.777289	-1.28652	0.0824011	0.608513	-1.64335	0.333561	1.2937	1.2937	0.0171609	2.1167	2.1167	0.649652	1.12532	1.12532	0.707374	1.10226	1.10226	2.36801	2.4999	0.938399	1
cg18986534	USP47;USP47	0.119509	0.930315	1.02449	1.02449	0.0683643	1.7585	1.7585	0.133281	1.56516	1.56516	0.418124	1.25718	1.25718	0.771999	0.922776	-1.08369	0.764974	1.08647	1.08647	0.00590669	2.70808	2.70808	0.415997	1.25855	1.25855	0.10281	1.6384	1.6384	2.368	2.86967	1.0772	1
cg10535919	PMVK;PMVK	0.119509	?	?	?	0.0652662	0.0981874	-10.1846	0.206195	3.1633	3.1633	0.0847618	0.134768	-7.42018	0.489558	0.592304	-1.68832	?	?	?	0.110514	5.57017	5.57017	0.832638	0.8609	-1.16157	?	?	?	7.69145	28.04	1.2152	1
cg26265070	FIS1	0.119511	0.0536318	1.60315	1.60315	0.691739	0.917753	-1.08962	0.344974	0.811006	-1.23304	0.522435	1.14982	1.14982	0.759838	0.9361	-1.06826	0.447878	0.846553	-1.18126	0.0170425	0.53449	-1.87094	0.217434	1.32241	1.32241	0.367118	1.22083	1.22083	2.36798	1.73943	0.652944	1
cg05726935	AKT1;AKT1	0.119512	0.0607993	0.525384	-1.90337	0.119443	0.597777	-1.67286	0.394905	1.30388	1.30388	0.728163	1.11211	1.11211	0.496841	0.810522	-1.23377	0.721481	0.896729	-1.11516	0.0389205	2.07093	2.07093	0.097901	1.73833	1.73833	0.656657	0.87263	-1.14596	2.36797	3.47775	1.30548	1
cg09786701	TMC2	0.119514	0.0825475	8.05214	8.05214	0.926637	0.904924	-1.10507	0.274374	3.43416	3.43416	0.595314	0.559039	-1.78878	0.593896	0.557764	-1.79287	0.121351	6.18416	6.18416	0.0681284	9.17035	9.17035	0.834224	1.25526	1.25526	0.0118472	30.2175	30.2175	2.36795	44.1332	16.5668	1
cg13966567	NXN	0.119519	0.808212	0.947385	-1.05554	0.28369	0.780714	-1.28088	0.00629839	2.20526	2.20526	0.200134	1.35094	1.35094	0.146506	1.41395	1.41395	0.67402	1.09859	1.09859	0.141645	1.42082	1.42082	0.485608	1.17056	1.17056	0.359174	1.23312	1.23312	2.36791	1.85251	0.695413	1
cg18564167	LRRC1	0.119524	0.180096	0.313857	-3.18617	0.902895	0.905419	-1.10446	0.719046	0.745228	-1.34187	0.420132	1.95521	1.95521	0.00976374	0.0699416	-14.2976	0.664034	1.42726	1.42726	0.794948	1.23617	1.23617	0.144905	3.57682	3.57682	0.139351	0.273893	-3.65106	2.36786	24.8506	9.32883	1
cg05013438	MTSS1	0.119525	0.353042	0.679793	-1.47104	0.963438	0.981656	-1.01869	0.942129	0.971102	-1.02976	0.617777	1.22531	1.22531	0.284559	0.638275	-1.56672	0.370079	1.4503	1.4503	0.0444078	0.393575	-2.54081	0.0132358	3.45617	3.45617	0.954005	0.976972	-1.02357	2.36786	6.11777	2.2966	1
cg06722282	CALHM2;CALHM2	0.119526	0.104983	0.587231	-1.70291	0.715835	1.11612	1.11612	0.110484	0.592968	-1.68643	0.617926	1.16311	1.16311	0.256576	0.700597	-1.42735	0.591297	0.849697	-1.17689	0.00887679	0.367631	-2.72012	0.0809712	0.559106	-1.78857	0.245568	0.69424	-1.44042	2.36785	3.38597	1.27109	1
cg02930317	OTUD4;OTUD4;OTUD4	0.119526	0.247591	2.30772	2.30772	0.0992899	0.286523	-3.49012	0.971422	1.02509	1.02509	0.272976	2.20178	2.20178	?	?	?	?	?	?	?	?	?	0.0936159	0.279268	-3.58079	0.0822825	0.264053	-3.78712	2.45537	12.4067	6.73719	1
cg14483161	ABL1;ABL1	0.119526	0.474861	0.888195	-1.12588	0.0836931	0.731752	-1.36658	0.0338364	0.667477	-1.49818	0.0778048	0.726322	-1.3768	0.0232613	0.642433	-1.55658	0.107316	0.750682	-1.33212	0.802131	1.04182	1.04182	0.905101	0.980729	-1.01965	0.725959	1.05909	1.05909	2.36785	0.998238	0.374738	1
cg26897236	FAM135B	0.11953	0.0120286	0.595016	-1.68063	0.299734	1.19499	1.19499	0.284649	0.831753	-1.20228	0.539602	0.902182	-1.10842	0.776968	1.0482	1.0482	0.205066	1.2481	1.2481	0.228437	1.23309	1.23309	0.187638	1.26043	1.26043	0.838146	1.03448	1.03448	2.36781	1.03031	0.386784	1
cg18776764	BCL6	0.119531	0.232208	0.789286	-1.26697	0.162663	1.32511	1.32511	0.170499	1.31741	1.31741	0.0837105	0.696627	-1.43549	0.540531	0.889572	-1.12414	0.921947	1.01868	1.01868	0.0915938	1.42026	1.42026	0.835715	1.04	1.04	0.0452951	1.54297	1.54297	2.3678	1.33761	0.502149	1
cg21555798	ZNF853;ZNF853	0.119534	0.968333	1.0104	1.0104	0.664482	0.892471	-1.12049	0.547156	1.17212	1.17212	0.300762	0.75615	-1.32249	0.2013	0.703425	-1.42162	0.462724	0.822942	-1.21515	0.0101174	0.429214	-2.32984	0.0255501	0.500748	-1.99701	0.152143	0.67039	-1.49167	2.36778	2.54836	0.956683	1
cg04227789	PAM;PAM;PAM;PAM	0.119535	0.310771	1.42798	1.42798	0.881084	0.95042	-1.05217	0.00369548	3.79138	3.79138	0.455476	1.29462	1.29462	0.230206	1.5336	1.5336	0.113142	1.79624	1.79624	0.691595	1.14505	1.14505	0.117025	1.78319	1.78319	0.504215	1.25889	1.25889	2.36777	4.32732	1.62453	1
cg17225407	RND2	0.119538	0.383012	1.52012	1.52012	0.394332	0.664691	-1.50446	0.0168922	0.255542	-3.91326	0.954103	0.973415	-1.02731	0.594784	1.28573	1.28573	0.493751	0.722275	-1.38451	0.575894	1.30288	1.30288	0.0297985	3.3103	3.3103	0.559819	0.758783	-1.3179	2.36774	8.21833	3.0853	1
cg24351819	PRMT6	0.119538	0.324444	0.85477	-1.16991	0.997625	1.00046	1.00046	0.0987671	0.756431	-1.322	0.263765	0.835568	-1.19679	0.196158	0.809957	-1.23463	0.5681	0.914868	-1.09305	0.0128879	1.60985	1.60985	0.243181	0.828345	-1.20723	0.582131	0.917867	-1.08948	2.36774	0.891756	0.334781	1
cg12035585	FAM134C;TUBG1;FAM134C;TUBG1	0.11954	0.82607	0.893445	-1.11926	0.00835667	0.178119	-5.61422	0.758815	0.854135	-1.17078	0.956054	0.972182	-1.02861	0.976796	1.015	1.015	0.0495503	0.317547	-3.14914	?	?	?	?	?	?	0.857707	1.09623	1.09623	2.41926	7.81087	3.68986	1
cg22064610	CEP164	0.11954	0.0500226	0.437947	-2.28338	0.601057	0.822902	-1.21521	0.241879	0.635998	-1.57233	0.879465	0.945477	-1.05767	0.00542494	0.258753	-3.86469	0.571644	0.809629	-1.23513	0.818484	1.08864	1.08864	0.297328	0.670871	-1.4906	0.115862	0.531834	-1.88029	2.36772	5.11863	1.92163	1
cg01439669	ENC1	0.11954	0.902966	1.03035	1.03035	0.742835	0.922471	-1.08405	0.679311	1.10726	1.10726	0.456003	0.830199	-1.20453	0.0683861	1.64892	1.64892	0.671547	0.900737	-1.1102	0.0208124	0.505635	-1.97771	0.547637	1.16084	1.16084	0.054652	1.70624	1.70624	2.36772	2.25288	0.845775	1
cg01947482	PACS2;PACS2	0.11954	0.402093	1.1555	1.1555	0.394905	0.863415	-1.15819	0.0324387	0.655708	-1.52507	0.364823	0.854752	-1.16993	0.114479	0.748758	-1.33554	0.742221	0.945889	-1.05721	0.889802	0.976905	-1.02364	0.0451974	0.678905	-1.47296	0.104995	1.34795	1.34795	2.36772	1.06525	0.399916	1
cg04106785	CDK5R1	0.119542	0.167731	0.560808	-1.78314	0.0657463	0.443861	-2.25296	0.253611	0.625646	-1.59835	0.359102	1.44906	1.44906	0.0211844	0.336217	-2.97427	0.496184	0.762016	-1.31231	0.456696	0.742178	-1.34739	0.575618	0.800538	-1.24916	0.119233	1.94465	1.94465	2.3677	5.80214	2.17825	1
cg27315249	DECR2;NME4	0.119542	0.0244411	0.572232	-1.74754	0.878346	0.968612	-1.03241	0.181966	0.744556	-1.34308	0.972419	1.00722	1.00722	0.0249322	0.573722	-1.74301	0.371319	1.21061	1.21061	0.887737	0.971019	-1.02985	0.250716	1.28388	1.28388	0.249725	0.778447	-1.28461	2.3677	1.62555	0.61027	1
cg24797360	C7orf50;C7orf50;C7orf50	0.119544	0.0146044	0.353849	-2.82607	0.529798	1.24593	1.24593	0.408855	1.33885	1.33885	0.0941557	0.529547	-1.88841	0.762404	0.900553	-1.11043	0.125705	0.564154	-1.77257	0.698628	0.874239	-1.14385	0.804489	1.08946	1.08946	0.0568676	0.474974	-2.10538	2.36768	4.475	1.68003	1
cg13703503	RPS27L	0.119545	0.0432772	0.585104	-1.7091	0.149592	1.42789	1.42789	0.100091	1.51497	1.51497	0.236105	0.751089	-1.3314	0.284651	0.773961	-1.29206	0.974613	0.99269	-1.00736	0.347493	1.24984	1.24984	0.518468	0.859915	-1.16291	0.119189	1.47678	1.47678	2.36767	1.99317	0.748292	1
cg08477640	B9D2	0.119551	0.129818	0.685617	-1.45854	0.440847	0.834193	-1.19876	0.386995	0.815034	-1.22694	0.965621	1.00999	1.00999	0.0966023	0.656565	-1.52308	0.0929452	0.652896	-1.53164	0.0205287	1.90353	1.90353	0.781539	0.937893	-1.06622	0.65627	1.10884	1.10884	2.36762	1.99482	0.748926	1
cg16247323	HACL1;HACL1;BTD	0.119551	0.064007	0.488236	-2.04819	0.753616	0.897224	-1.11455	0.465139	1.29179	1.29179	0.218789	0.640518	-1.56124	0.715576	0.881579	-1.13433	0.136753	0.575734	-1.73691	0.0959403	1.87718	1.87718	0.580759	1.21183	1.21183	0.0498292	2.16094	2.16094	2.36762	4.4483	1.67005	1
cg16842187	KCNK3	0.119552	0.449343	1.39862	1.39862	0.224978	1.74129	1.74129	0.522626	1.32574	1.32574	0.597926	1.26062	1.26062	0.00480527	5.09548	5.09548	0.344759	1.52729	1.52729	0.124952	2.06017	2.06017	0.0549359	2.57853	2.57853	0.133382	2.02299	2.02299	2.36762	7.10146	2.66615	1
cg00033668	EPS8	0.119552	0.282812	1.42019	1.42019	0.14063	1.64577	1.64577	0.0573635	1.96547	1.96547	0.223367	1.49502	1.49502	0.679622	1.13944	1.13944	0.572019	0.835696	-1.19661	0.0247669	0.431654	-2.31667	0.604855	0.848678	-1.1783	0.370462	1.33521	1.33521	2.36761	3.70492	1.39097	1
cg10718809	PRDX5;PRDX5;PRDX5	0.119555	0.0126213	0.224334	-4.45765	0.494069	1.39752	1.39752	0.63874	1.25596	1.25596	0.950033	0.970247	-1.03067	0.59172	0.770324	-1.29816	0.332098	1.61973	1.61973	0.664144	1.23437	1.23437	0.524506	1.36457	1.36457	0.0323903	0.299002	-3.34446	2.36759	8.71026	3.27019	1
cg05510337	ESRP2	0.119555	0.070672	0.344702	-2.90106	0.214767	0.502273	-1.99095	0.0874995	0.36985	-2.7038	0.37631	0.619569	-1.61403	0.0408801	0.288095	-3.47108	0.162191	0.455252	-2.19659	0.0276754	0.253439	-3.94573	0.0895709	0.372726	-2.68294	0.043423	0.293846	-3.40314	2.36759	10.4255	3.91415	1
cg27042065	CDCA3	0.119557	0.037345	0.405755	-2.46454	0.878086	0.944309	-1.05898	0.442861	0.746716	-1.3392	0.359302	0.703388	-1.42169	0.0145771	0.325283	-3.07424	0.191462	0.596754	-1.67573	0.0286824	0.381588	-2.62063	0.196972	0.600983	-1.66394	0.982496	1.00822	1.00822	2.36757	5.22513	1.96174	1
cg09937849	RGS11;RGS11	0.119557	0.0689071	0.279833	-3.57356	0.634333	1.34955	1.34955	0.976177	0.981492	-1.01886	0.526252	0.669151	-1.49443	0.0510148	0.24895	-4.01687	0.14053	0.370879	-2.6963	0.0126811	0.143961	-6.94632	0.699704	0.784677	-1.27441	0.106851	0.332413	-3.00831	2.36757	14.6765	5.51019	1
cg13512830	RNF13;RNF13	0.119561	0.841352	0.932075	-1.07288	0.389133	1.36311	1.36311	0.0290858	2.46645	2.46645	0.550912	0.809141	-1.23588	0.292277	0.681469	-1.46742	0.21564	0.632922	-1.57997	0.0247426	0.391286	-2.55568	0.436583	0.75687	-1.32123	0.829929	1.07842	1.07842	2.36754	4.61924	1.73429	1
cg00036263	KIF26B	0.119561	0.749763	0.889394	-1.12436	0.195786	1.65058	1.65058	0.881897	1.05597	1.05597	0.931346	0.96893	-1.03207	0.607272	1.20913	1.20913	0.00380784	0.239441	-4.1764	0.719035	1.14148	1.14148	0.872315	1.06069	1.06069	0.401871	0.730319	-1.36927	2.36753	5.03113	1.88893	1
cg14006373	JARID2	0.119562	0.202729	0.387639	-2.57972	0.0549385	4.63606	4.63606	0.0426939	5.17693	5.17693	0.774759	1.22408	1.22408	0.104352	0.286169	-3.49443	0.762004	0.807306	-1.23869	0.296567	0.466407	-2.14405	0.803821	0.839123	-1.19172	0.235463	0.41635	-2.40183	2.36752	18.6216	6.99149	1
cg14828965	RNF40;C16orf93;C16orf93	0.119563	0.331383	0.873012	-1.14546	0.0817143	1.29879	1.29879	0.0718044	1.31308	1.31308	0.464584	0.904057	-1.10612	0.518748	1.09269	1.09269	0.889026	0.981258	-1.0191	0.0968106	0.781135	-1.28019	0.0502395	0.738988	-1.3532	0.758864	0.959134	-1.04261	2.36752	0.688549	0.258517	1
cg06482498	C6orf48;SNORD48;C6orf48	0.119563	0.0783448	0.298768	-3.34708	0.264315	0.487355	-2.05189	0.635617	1.34295	1.34295	0.610267	1.37377	1.37377	0.0790765	0.299843	-3.33508	0.797531	0.853153	-1.17212	0.498199	1.52927	1.52927	0.0200387	5.66064	5.66064	0.636525	0.745225	-1.34188	2.36752	14.3099	5.37268	1
cg14841350	IGSF11;IGSF11	0.119563	0.00802914	0.21989	-4.54773	0.506642	1.35049	1.35049	0.795964	1.1225	1.1225	0.0799431	0.420442	-2.37845	0.141217	0.493805	-2.02509	0.136552	0.48906	-2.04474	0.847728	1.08951	1.08951	0.887262	1.0653	1.0653	0.419691	0.69234	-1.44438	2.36752	7.45682	2.79968	1
cg15495372	ZNF579	0.119563	0.0254836	0.259842	-3.84849	0.254987	0.546999	-1.82816	0.227733	0.525846	-1.9017	0.786457	0.871233	-1.1478	0.0634749	0.346693	-2.88439	0.137061	0.443532	-2.25463	0.0248189	0.257665	-3.88101	0.0437523	0.308309	-3.2435	0.588851	0.758047	-1.31918	2.36751	9.66221	3.6277	1
cg23632528	KHNYN	0.119564	0.106027	0.488942	-2.04523	0.46139	0.737923	-1.35516	0.34103	1.48835	1.48835	0.919696	0.959952	-1.04172	0.188315	0.568365	-1.75943	0.221216	0.593812	-1.68403	0.0156146	0.300726	-3.32529	0.12127	1.97568	1.97568	0.744866	0.876039	-1.1415	2.3675	6.15962	2.31266	1
cg18096253	ARRDC2;ARRDC2	0.119567	0.21458	1.31916	1.31916	0.0157312	1.87292	1.87292	0.242832	1.29579	1.29579	0.525564	1.14611	1.14611	0.763157	0.937937	-1.06617	0.916185	1.02257	1.02257	0.0622239	0.640799	-1.56055	0.917158	1.0223	1.0223	0.117723	1.43359	1.43359	2.36748	1.6853	0.63276	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18564727	PLP1;PLP1;PLP1	0.119568	0.352129	1.87556	1.87556	0.973692	1.0219	1.0219	0.586774	0.69736	-1.43398	0.499284	1.56903	1.56903	0.137998	0.350282	-2.85484	0.308353	1.99874	1.99874	0.0825183	3.53638	3.53638	0.019511	6.38637	6.38637	0.0736792	3.70475	3.70475	2.36747	16.1753	6.07316	1
cg26572163	AHCYL1	0.119569	0.222268	0.510175	-1.96011	0.195391	2.05136	2.05136	0.429707	1.52645	1.52645	0.0146171	0.206475	-4.8432	0.269929	0.547309	-1.82712	0.579438	0.745486	-1.34141	0.130484	0.424489	-2.35577	0.534849	1.39065	1.39065	0.347423	1.66132	1.66132	2.36746	10.3219	3.87546	1
cg05040429	SAMD12;SAMD12	0.119572	0.150806	1.87617	1.87617	0.487567	0.749599	-1.33405	0.905168	1.04991	1.04991	0.219668	1.6946	1.6946	0.0955539	2.11331	2.11331	0.271343	1.59674	1.59674	0.583603	0.79755	-1.25384	0.123254	1.97844	1.97844	0.0301147	0.352663	-2.83556	2.36744	6.26166	2.35103	1
cg04578229	ZDHHC11	0.119575	0.0708393	0.417138	-2.39729	0.161173	0.522967	-1.91217	0.714707	0.852971	-1.17237	0.778286	1.13006	1.13006	0.0272567	0.322461	-3.10115	0.150878	0.513321	-1.9481	0.0139426	0.26832	-3.7269	0.931495	0.963441	-1.03795	0.612675	0.801601	-1.2475	2.36741	7.0355	2.64162	1
cg18486590	HSPA2;HSPA2	0.119576	0.550272	1.76615	1.76615	0.120453	4.87999	4.87999	0.854392	1.18874	1.18874	0.26023	3.01984	3.01984	0.402581	0.44656	-2.23934	0.196247	3.61848	3.61848	0.0102078	21.0745	21.0745	0.100609	5.43373	5.43373	0.0714884	6.64756	6.64756	2.3674	33.2093	12.4691	1
cg15029138	PNPLA3	0.119581	0.872223	1.02912	1.02912	0.386662	0.853642	-1.17145	0.0259931	0.624246	-1.60193	0.402209	1.16519	1.16519	0.868271	0.970833	-1.03004	0.902345	0.978348	-1.02213	0.0157396	1.6951	1.6951	0.42086	0.863605	-1.15794	0.824679	0.961208	-1.04036	2.36736	1.19227	0.447669	1
cg17886028	CCND2	0.119583	0.610263	1.09641	1.09641	0.0186584	1.66617	1.66617	0.762629	1.05574	1.05574	0.150835	0.759059	-1.31742	0.147319	0.756984	-1.32103	0.630574	0.916895	-1.09064	0.137846	0.751187	-1.33123	0.456503	1.14543	1.14543	0.259026	1.23472	1.23472	2.36734	1.20202	0.451335	1
cg04235544	ACOT9;ACOT9	0.119585	0.231689	1.81383	1.81383	0.64766	1.2441	1.2441	0.736336	0.851793	-1.17399	0.079377	0.396782	-2.52028	0.0147637	0.240703	-4.1545	0.357544	1.56695	1.56695	0.348619	1.58095	1.58095	0.443774	0.690308	-1.44863	0.220989	0.54296	-1.84176	2.36732	8.44766	3.17196	1
cg16513416	CLSTN2	0.119586	0.445344	1.43929	1.43929	0.0100933	0.21885	-4.56935	0.69827	1.20001	1.20001	0.748431	0.860184	-1.16254	0.109924	0.44238	-2.2605	0.569102	1.30911	1.30911	0.242294	0.56395	-1.77321	0.0602367	0.370839	-2.69659	0.505689	0.728991	-1.37176	2.36731	8.21394	3.08421	1
cg22637867	ZNF709	0.119587	0.0759294	4.12705	4.12705	0.17863	2.78866	2.78866	0.640068	0.713193	-1.40214	0.47341	0.592542	-1.68764	0.12126	3.33935	3.33935	0.104862	3.56805	3.56805	0.565251	0.658876	-1.51774	0.0187109	7.72997	7.72997	0.231078	2.46355	2.46355	2.3673	19.3125	7.25156	1
cg06837068	ADARB2	0.119587	0.0198168	0.430089	-2.3251	0.525504	1.21284	1.21284	0.37999	1.31011	1.31011	0.617674	1.16292	1.16292	0.0471725	0.506004	-1.97627	0.974801	1.00952	1.00952	0.477897	0.805399	-1.24162	0.383283	1.30755	1.30755	0.0956487	0.57753	-1.73151	2.3673	3.37285	1.26646	1
cg14069026	SECISBP2	0.119588	0.82539	0.955815	-1.04623	0.0766148	0.668432	-1.49604	0.136832	0.720523	-1.38788	0.262642	0.787517	-1.26981	0.126262	1.4026	1.4026	0.671731	0.916511	-1.09109	0.0658002	1.52535	1.52535	0.0840103	0.67636	-1.4785	0.947579	1.01354	1.01354	2.36729	1.56836	0.588901	1
cg27554293	CPM	0.119592	0.11743	0.731413	-1.36722	0.115512	0.730004	-1.36985	0.0751287	0.694538	-1.43981	0.219382	0.78855	-1.26815	0.231836	1.25942	1.25942	0.511827	1.13018	1.13018	0.130267	1.35065	1.35065	0.15196	0.754047	-1.32618	0.244937	0.799544	-1.25071	2.36725	1.26839	0.476273	1
cg06991148	PRDM2;PRDM2	0.119594	0.0608369	0.582788	-1.71589	0.0497951	0.564553	-1.77131	0.174918	0.691674	-1.44577	0.594802	0.871827	-1.14702	0.0377028	0.54017	-1.85127	0.264088	0.742725	-1.34639	0.104188	0.635156	-1.57442	0.0177273	0.478636	-2.08927	0.466653	0.827567	-1.20836	2.36724	2.44756	0.919049	1
cg11002033	TRIM31	0.119595	0.547216	0.571509	-1.74975	0.0187957	13.6614	13.6614	0.930878	1.08294	1.08294	0.101998	0.193219	-5.17548	0.859979	1.17606	1.17606	0.46619	0.506064	-1.97603	0.74547	1.34874	1.34874	0.0344434	9.63669	9.63669	0.925238	1.09003	1.09003	2.36723	31.6277	11.8761	1
cg21756465	DYNC1I2	0.119597	0.227961	1.77791	1.77791	0.644498	1.23359	1.23359	0.00248758	7.41051	7.41051	0.972754	1.01553	1.01553	0.709744	1.18395	1.18395	0.736977	1.16442	1.16442	0.677922	1.20763	1.20763	0.316762	1.5992	1.5992	0.660739	1.22083	1.22083	2.5053	7.91259	2.45649	1
cg19311602	IWS1;IWS1	0.119597	0.300644	1.12359	1.12359	0.35864	1.108	1.108	0.374075	0.905626	-1.10421	0.0289808	1.32273	1.32273	0.0350129	1.30589	1.30589	0.0942642	1.22124	1.22124	0.205544	0.864937	-1.15615	0.50933	1.07544	1.07544	0.713811	1.04083	1.04083	2.36721	0.442551	0.166178	1
cg04622024	EPHA10	0.119599	0.119689	3.59668	3.59668	0.0535301	5.27178	5.27178	0.199454	2.79487	2.79487	0.608288	1.47981	1.47981	0.7197	0.76094	-1.31416	0.229624	2.60039	2.60039	0.337765	0.472742	-2.11532	0.0191707	8.5734	8.5734	0.0898939	4.12585	4.12585	2.3672	21.5488	8.09163	1
cg24119944	TTC7B	0.119599	0.266324	1.55942	1.55942	0.00983149	3.49686	3.49686	0.0370561	2.53152	2.53152	0.186186	1.71199	1.71199	0.0800236	2.10669	2.10669	0.127562	1.88152	1.88152	0.118785	1.91468	1.91468	0.191463	1.69984	1.69984	0.350664	1.44558	1.44558	2.36719	5.51743	2.07182	1
cg10911287	SCARB1;SCARB1	0.119599	0.121251	3.27887	3.27887	0.0411066	5.28947	5.28947	0.0398029	5.36488	5.36488	0.160977	2.8814	2.8814	0.123506	3.25171	3.25171	0.259332	2.29729	2.29729	0.0261139	6.46011	6.46011	0.0757394	4.04362	4.04362	0.116942	3.33275	3.33275	2.36719	18.7295	7.03298	1
cg23017574	TAS2R41	0.119603	0.057496	0.440408	-2.27062	0.116883	0.521914	-1.91603	0.0370827	0.396911	-2.51946	0.483291	0.761887	-1.31253	0.0100226	0.289136	-3.45858	0.571206	0.803769	-1.24414	0.886862	0.947108	-1.05585	0.150736	0.555506	-1.80016	0.393481	0.716295	-1.39607	2.36716	5.4628	2.05133	1
cg04068914	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;FLJ30679	0.119605	0.219266	0.489786	-2.04171	0.020495	0.21384	-4.6764	0.0869487	0.351902	-2.8417	0.936309	1.04515	1.04515	0.117934	0.391402	-2.55492	0.17723	0.452774	-2.20861	0.0253172	0.230137	-4.34523	0.0820954	0.344973	-2.89878	0.686226	0.799007	-1.25155	2.36714	11.4441	4.29739	1
cg16263180	PCDHGA1;PCDHGA1	0.119607	0.0196283	7.42651	7.42651	0.386973	1.87891	1.87891	0.280153	2.22208	2.22208	0.901597	1.09196	1.09196	0.0786891	0.249356	-4.01033	0.507666	1.61286	1.61286	0.14659	3.0288	3.0288	0.0699939	4.22431	4.22431	0.890153	0.906395	-1.10327	2.36712	18.9632	7.12095	1
cg09649495	SNORA39;SNHG11	0.119608	0.866775	1.04302	1.04302	0.977587	0.992977	-1.00707	0.863691	0.957808	-1.04405	0.769722	1.07642	1.07642	0.764567	1.07826	1.07826	0.129429	1.50835	1.50835	0.00396796	0.378395	-2.64274	0.539805	0.855798	-1.1685	0.807141	0.940487	-1.06328	2.36711	2.35949	0.886025	1
cg13998093	WNT3	0.119609	0.0556971	3.8174	3.8174	0.0369276	4.4696	4.4696	0.143041	2.6446	2.6446	0.359468	1.78989	1.78989	0.0423164	4.24179	4.24179	0.183795	2.3899	2.3899	0.066166	3.57296	3.57296	0.95732	1.03362	1.03362	0.0442675	4.16905	4.16905	2.3671	14.312	5.37441	1
cg26152983	MAGEF1;MAGEF1	0.119611	0.0600993	0.318152	-3.14316	0.578104	0.738316	-1.35443	0.986792	1.00898	1.00898	0.96064	1.02701	1.02701	0.245302	0.518798	-1.92753	0.469657	0.672185	-1.48768	0.00629204	0.146336	-6.83357	0.144387	0.428831	-2.33192	0.0906236	0.365406	-2.73668	2.36708	10.932	4.10519	1
cg13369291	ZNF610;ZNF610;ZNF610	0.119613	0.582074	0.857584	-1.16607	0.0434651	1.89993	1.89993	0.272797	0.729438	-1.37092	0.435035	1.24625	1.24625	0.56626	1.17381	1.17381	0.811484	1.06827	1.06827	0.00994748	2.45925	2.45925	0.657904	0.884107	-1.13109	0.270409	1.37326	1.37326	2.36707	2.86411	1.07554	1
cg12260798	HIST1H4F	0.119614	0.0650178	11.7998	11.7998	0.0432895	15.9444	15.9444	0.141246	6.58456	6.58456	0.922629	1.12269	1.12269	0.0642897	11.8987	11.8987	0.212437	4.78018	4.78018	0.0260557	23.2433	23.2433	0.390283	2.85385	2.85385	0.0534059	13.6503	13.6503	2.36706	53.1992	19.9776	1
cg12614442	ACP6	0.119615	0.727397	0.914703	-1.09325	0.0736595	1.66198	1.66198	0.394311	1.24892	1.24892	0.180206	1.437	1.437	0.0386961	0.543375	-1.84035	0.657748	0.892625	-1.12029	0.0477265	0.561714	-1.78027	0.913842	1.02796	1.02796	0.76537	1.07923	1.07923	2.36705	2.4331	0.913692	1
cg16283572	C10orf68	0.119615	0.362326	0.848512	-1.17853	0.812326	0.959129	-1.04261	0.155919	0.766176	-1.30518	0.763399	1.05439	1.05439	0.146662	0.760853	-1.31431	0.280427	1.21756	1.21756	0.0685099	1.43016	1.43016	0.593059	1.09926	1.09926	0.0257538	0.62837	-1.59142	2.36705	1.15396	0.433343	1
cg25730573	BCL2;BCL2	0.119616	0.14538	0.803029	-1.24528	0.417552	0.890267	-1.12326	0.725398	0.951725	-1.05072	0.484658	0.905167	-1.10477	0.0133121	1.53768	1.53768	0.677978	0.943098	-1.06033	0.627028	1.07112	1.07112	0.504071	0.909262	-1.09979	0.0597458	0.742252	-1.34725	2.36705	0.73796	0.277124	1
cg11675172	TMEM53	0.119616	0.186384	0.64003	-1.56243	0.0770851	0.534627	-1.87046	0.0409892	0.471751	-2.11976	0.705375	0.886036	-1.12862	0.0351055	0.457491	-2.18583	0.453375	1.27548	1.27548	0.150106	0.611732	-1.6347	0.0516827	0.493888	-2.02475	0.19839	0.648562	-1.54187	2.36704	3.80427	1.42861	1
cg25533154	PPM1E	0.119616	0.290313	0.82167	-1.21703	0.986004	0.996865	-1.00314	0.905461	0.97896	-1.02149	0.57584	0.903784	-1.10646	0.129692	0.746027	-1.34043	0.0970057	0.721799	-1.38543	0.00359948	0.493878	-2.02479	0.926677	0.983661	-1.01661	0.52731	0.891697	-1.12146	2.36704	1.20086	0.450957	1
cg12648193	SMYD3	0.119617	0.0864354	0.740273	-1.35085	0.865752	0.973492	-1.02723	0.0691971	1.381	1.381	0.0323335	0.67172	-1.48872	0.928553	1.01434	1.01434	0.770715	1.04749	1.04749	0.151657	0.783563	-1.27622	0.112826	0.760297	-1.31528	0.401441	0.872529	-1.14609	2.36703	0.945133	0.354924	1
cg25813109	AHCY	0.119617	0.286259	1.98322	1.98322	0.00790921	8.21688	8.21688	0.176264	2.43261	2.43261	0.33062	1.86022	1.86022	0.363596	0.56141	-1.78123	0.565812	0.698439	-1.43177	0.947614	1.04146	1.04146	0.219232	0.449838	-2.22302	0.443076	1.6218	1.6218	2.36703	14.3319	5.38205	1
cg00796821	KCP;KCP	0.119618	0.0602981	0.419466	-2.38398	0.100554	0.478255	-2.09093	0.0252057	0.335736	-2.97853	0.152661	0.533596	-1.87408	0.0227177	0.326868	-3.05933	0.242599	0.605659	-1.65109	0.0682147	0.432879	-2.31011	0.572289	0.79138	-1.26362	0.258931	0.616954	-1.62087	2.36703	6.30317	2.36703	1
cg14561985	PTPRN2;PTPRN2;PTPRN2	0.119621	0.102856	0.336418	-2.97249	0.229685	0.463291	-2.15847	0.259861	0.487974	-2.04929	0.90867	0.932343	-1.07257	0.0336128	0.219789	-4.54982	0.181335	0.420524	-2.37798	0.0113892	0.14462	-6.91467	0.0772948	0.301512	-3.31662	0.20383	0.441	-2.26757	2.367	13.9703	5.24634	1
cg20287230	MIR543	0.119621	0.265135	0.761535	-1.31314	0.866728	1.04019	1.04019	0.0208571	1.91999	1.91999	0.858718	1.04268	1.04268	0.864216	1.04097	1.04097	0.032675	0.556368	-1.79737	0.262534	1.31526	1.31526	0.400615	1.22363	1.22363	0.471668	0.842194	-1.18737	2.36699	2.06281	0.774655	1
cg25799059	CDCP1	0.119622	0.0600389	0.229757	-4.35243	0.228105	0.416009	-2.4038	0.380046	0.53565	-1.86689	0.261753	0.444265	-2.25091	0.0455678	0.20403	-4.90123	0.0653044	0.238239	-4.19747	0.137435	0.329855	-3.03164	0.0136204	0.12052	-8.29739	0.122835	0.313789	-3.18685	2.36699	18.0182	6.76647	1
cg25786265	HLA-E	0.119623	0.286586	0.785114	-1.2737	0.895211	0.971602	-1.02923	0.0327136	0.579099	-1.72682	0.338459	0.805965	-1.24075	0.556601	0.878103	-1.13882	0.558434	1.13812	1.13812	0.0165008	1.89727	1.89727	0.539577	0.873035	-1.14543	0.730395	1.07856	1.07856	2.36698	1.79171	0.672853	1
cg12812838	MIR103-1;PANK3	0.119623	0.38913	1.64572	1.64572	0.0186647	4.99956	4.99956	0.314035	1.79991	1.79991	0.246838	1.98089	1.98089	0.421367	0.628984	-1.58987	0.300846	1.8315	1.8315	0.0497604	3.53711	3.53711	0.0350381	4.00022	4.00022	0.15696	2.35012	2.35012	2.36698	11.9446	4.48563	1
cg13787029	KCNG3;KCNG3	0.119624	0.539274	0.930143	-1.0751	0.499432	1.08315	1.08315	0.364994	0.897224	-1.11455	0.297358	1.13414	1.13414	0.817641	0.973449	-1.02728	0.456711	1.09233	1.09233	0.00664657	0.663406	-1.50737	0.316942	1.1281	1.1281	0.322137	1.12655	1.12655	2.36697	0.508872	0.191101	1
cg08450404	ZNF552	0.119625	0.448409	0.811878	-1.23171	0.106879	0.621978	-1.60777	0.456711	1.22688	1.22688	0.083086	1.67802	1.67802	0.460588	1.22464	1.22464	0.0595113	1.7749	1.7749	0.820579	0.94056	-1.0632	0.730304	1.09784	1.09784	0.0291143	2.00107	2.00107	2.36697	2.72792	1.02444	1
cg21892627	PXN;PXN;PXN	0.119625	0.472756	0.81904	-1.22094	0.556732	0.850037	-1.17642	0.610243	0.868906	-1.15087	0.657159	1.12987	1.12987	0.0120559	0.424961	-2.35316	0.0636438	0.565547	-1.7682	0.0940579	1.65403	1.65403	0.882975	1.04108	1.04108	0.387511	0.78497	-1.27393	2.36696	2.80096	1.05187	1
cg25406665	C3	0.119627	0.181003	0.753092	-1.32786	0.127312	0.719479	-1.38989	0.210174	0.768233	-1.30169	0.146877	1.36459	1.36459	0.525126	0.879349	-1.1372	0.412964	1.1819	1.1819	0.176075	1.3327	1.3327	0.279972	0.79912	-1.25138	0.0564796	1.53903	1.53903	2.36695	1.49445	0.561229	1
cg22647996	GNPDA1	0.119628	0.377649	0.868758	-1.15107	0.258585	1.20106	1.20106	0.148768	0.786093	-1.27211	0.735936	0.948754	-1.05401	0.877704	1.02422	1.02422	0.445019	0.886029	-1.12863	0.133967	1.28556	1.28556	0.0100111	0.603303	-1.65754	0.409622	0.877164	-1.14004	2.36694	0.905503	0.340056	1
cg03252786	PKNOX2	0.119629	0.980558	1.00585	1.00585	0.902797	0.971183	-1.02967	0.628846	1.12363	1.12363	0.199105	1.38364	1.38364	0.586678	0.876891	-1.14039	0.403598	1.22696	1.22696	0.0376433	1.78085	1.78085	0.0132402	2.085	2.085	0.0512186	1.70116	1.70116	2.36693	2.14699	0.806293	1
cg22825631	NEURL	0.119629	0.0414842	0.312552	-3.19947	0.925773	0.954951	-1.04717	0.764996	0.862176	-1.15986	0.0245812	0.265941	-3.76023	0.095807	0.40457	-2.47176	0.191337	0.504427	-1.98245	0.0247534	0.266518	-3.75209	0.433842	0.673647	-1.48446	0.13142	0.446817	-2.23805	2.36693	9.17313	3.44493	1
cg08545531	NUDCD3	0.119635	0.429482	0.863121	-1.15859	0.00663813	1.90219	1.90219	0.132049	0.743286	-1.34538	0.88091	1.02774	1.02774	0.437	1.15571	1.15571	0.595534	0.906846	-1.10272	0.861177	1.03246	1.03246	0.417616	1.16321	1.16321	0.255986	1.24162	1.24162	2.36687	1.24871	0.468958	1
cg25567048	SLC5A10;SLC5A10	0.119637	0.217641	0.787164	-1.27038	0.0383427	0.642206	-1.55713	0.891765	1.02544	1.02544	0.629355	0.914171	-1.09389	0.202817	0.780292	-1.28157	0.808355	0.956151	-1.04586	0.00827629	0.536321	-1.86455	0.251262	0.801569	-1.24755	0.0779907	0.696721	-1.43529	2.36686	1.27634	0.479338	1
cg26091119	HIAT1	0.119639	0.86521	0.968345	-1.03269	0.669476	1.0847	1.0847	0.226172	1.27203	1.27203	0.807303	1.04735	1.04735	0.564279	1.11666	1.11666	0.505769	0.879997	-1.13637	0.0134395	0.560191	-1.78511	0.469076	1.14965	1.14965	0.0407346	1.56403	1.56403	2.36684	1.34371	0.504646	1
cg21199995	ITGAE;GSG2	0.119644	0.640302	0.86289	-1.1589	0.267223	1.43646	1.43646	0.0147992	2.55918	2.55918	0.94654	1.02123	1.02123	0.292772	0.710344	-1.40777	0.942284	0.977567	-1.02295	0.0379961	0.470578	-2.12505	0.480687	1.25185	1.25185	0.98446	0.993915	-1.00612	2.3668	3.68057	1.3823	1
cg10206933	BNIP3	0.119645	0.165267	0.466625	-2.14305	0.918056	0.948382	-1.05443	0.681136	1.23712	1.23712	0.950507	1.03248	1.03248	0.132193	0.433112	-2.30887	0.162695	0.464166	-2.1544	0.010581	0.190922	-5.23774	0.284409	1.77301	1.77301	0.126299	0.42664	-2.3439	2.36679	9.94169	3.73378	1
cg23245481	BRI3;BRI3	0.119647	0.220207	0.692083	-1.44491	0.32289	0.747106	-1.3385	0.230573	1.43206	1.43206	0.198364	0.678325	-1.47422	0.0528039	0.533392	-1.87479	0.233654	0.700104	-1.42836	0.0595703	0.544923	-1.83512	0.0460479	0.520602	-1.92085	0.418786	1.26604	1.26604	2.36677	3.05595	1.14772	1
cg08980987	BCAT1	0.11965	0.575673	0.846151	-1.18182	0.25399	0.703346	-1.42178	0.258673	1.41646	1.41646	0.11026	1.67229	1.67229	0.622693	0.863715	-1.15779	0.332167	0.744118	-1.34387	0.0771082	0.559532	-1.78721	0.0432296	0.503096	-1.98769	0.190932	1.50546	1.50546	2.36674	3.27135	1.22864	1
cg04416247	CADM2;CADM2	0.119652	0.0197814	0.221828	-4.50799	0.259224	0.532699	-1.87723	0.48795	1.45795	1.45795	0.374383	0.613935	-1.62884	0.0808759	0.354967	-2.81716	0.155703	0.443628	-2.25414	0.0427863	0.287169	-3.48227	0.615363	1.31136	1.31136	0.150699	0.438617	-2.27989	2.36672	10.7316	4.03055	1
cg19956292	TNXB	0.119656	0.0126318	0.645672	-1.54877	0.315409	0.863758	-1.15773	0.416664	0.889478	-1.12425	0.0852941	1.30788	1.30788	0.59357	0.926815	-1.07896	0.239891	0.84061	-1.18961	0.695823	1.057	1.057	0.953256	0.991763	-1.00831	0.224801	1.19709	1.19709	2.36669	0.746171	0.280249	1
cg24165517	CYP21A2;TNXB;TNXB;CYP21A2	0.119658	0.193564	0.567489	-1.76215	0.725882	0.865055	-1.156	0.219962	0.587927	-1.70089	0.941464	0.97021	-1.0307	0.111647	0.489916	-2.04117	0.0931276	0.467334	-2.1398	0.0245943	0.332041	-3.01168	0.461492	1.36169	1.36169	0.0238815	0.329526	-3.03467	2.36667	6.35687	2.38755	1
cg23955200	ITIH1;ITIH1;ITIH1;ITIH1	0.11966	0.46887	0.791968	-1.26268	0.678418	1.14106	1.14106	0.77446	1.09519	1.09519	0.00826716	0.343411	-2.91196	0.239222	0.677002	-1.4771	0.272363	0.696569	-1.43561	0.0325935	0.453136	-2.20684	0.834606	1.06841	1.06841	0.791063	1.08767	1.08767	2.36665	3.75448	1.41014	1
cg02554391	CDKN1B	0.119662	0.0114074	0.359874	-2.77875	0.542802	1.21997	1.21997	0.571005	1.20298	1.20298	0.109207	0.56908	-1.75722	0.116987	0.577166	-1.7326	0.167677	0.62211	-1.60743	0.924702	0.96995	-1.03098	0.798208	0.920637	-1.0862	0.292536	1.42256	1.42256	2.36663	3.90456	1.46652	1
cg13968218	GPR144	0.119662	0.0982309	5.90082	5.90082	0.12644	5.04402	5.04402	0.338115	2.62871	2.62871	0.276539	3.0276	3.0276	0.0904863	6.20702	6.20702	0.787948	1.30196	1.30196	0.00919303	25.4576	25.4576	0.114411	5.36887	5.36887	0.0575032	8.18751	8.18751	2.36663	35.9072	13.4865	1
cg13769916	SOHLH1;SOHLH1	0.119663	0.0300557	2.20488	2.20488	0.418183	0.778289	-1.28487	0.924458	1.02906	1.02906	0.191798	0.65641	-1.52344	0.691067	1.12831	1.12831	?	?	?	0.0228622	2.33074	2.33074	0.997059	1.00111	1.00111	0.540315	1.2063	1.2063	2.52649	3.17545	1.09976	1
cg04594507	FBRSL1	0.119664	0.657184	1.12089	1.12089	0.1726	0.690125	-1.44901	0.315595	0.767114	-1.30359	0.132483	1.51404	1.51404	0.0254475	0.507351	-1.97102	0.104244	1.57428	1.57428	0.262859	1.34751	1.34751	0.808134	1.06413	1.06413	0.537173	1.1731	1.1731	2.36662	2.44689	0.91904	1
cg03880355	FAM169A	0.119664	0.244721	0.542894	-1.84198	0.215634	1.92356	1.92356	0.364476	1.59644	1.59644	0.818776	1.1221	1.1221	0.132695	0.442918	-2.25775	0.127681	0.43746	-2.28592	0.0307622	0.279835	-3.57354	0.136454	0.44693	-2.23749	0.110725	0.417965	-2.39255	2.36661	9.44436	3.54726	1
cg22799860	CHD1	0.119665	0.782912	0.915351	-1.09248	0.0119874	0.366507	-2.72846	0.0136165	0.376274	-2.65764	0.961706	1.01549	1.01549	0.209406	0.65464	-1.52756	0.93245	0.973217	-1.02752	0.141005	0.602291	-1.66033	0.558386	0.827347	-1.20868	0.417932	0.76715	-1.30353	2.36661	3.84378	1.44371	1
cg13887370	DNAJC14	0.119666	0.299664	0.884327	-1.1308	0.532818	1.07492	1.07492	0.00824998	1.47166	1.47166	0.461982	1.08941	1.08941	0.058137	1.2775	1.2775	0.370216	1.11098	1.11098	0.536689	1.07417	1.07417	0.406698	1.10194	1.10194	0.0848827	1.24348	1.24348	2.3666	0.490253	0.184138	1
cg25734864	PROZ	0.11967	0.515423	1.16591	1.16591	0.411803	1.2157	1.2157	0.0228054	0.530387	-1.88541	0.854501	1.04365	1.04365	0.495056	1.17498	1.17498	0.207437	1.36262	1.36262	0.019304	1.93213	1.93213	0.82968	1.05142	1.05142	0.981975	0.994756	-1.00527	2.36657	2.03044	0.762639	1
cg09879876	CHRDL2	0.119671	0.0491968	0.71876	-1.39129	0.312126	0.857447	-1.16625	0.254459	0.839438	-1.19127	0.0881592	1.31886	1.31886	0.670592	0.939008	-1.06495	0.754589	1.0472	1.0472	0.032613	1.44458	1.44458	0.770929	0.957967	-1.04388	0.589073	1.08352	1.08352	2.36655	0.810884	0.304572	1
cg18485193	MYO10;MYO10	0.119676	0.165615	0.409484	-2.4421	0.310177	1.88529	1.88529	0.124781	2.72753	2.72753	?	?	?	0.041447	0.241735	-4.13675	0.106256	0.344685	-2.9012	0.864066	1.10901	1.10901	0.632383	1.33779	1.33779	0.183878	0.426878	-2.34259	2.38956	12.265	5.13274	1
cg24870497	UNC5C	0.119676	0.333064	1.60239	1.60239	0.0864138	2.44603	2.44603	0.335442	1.59846	1.59846	0.418745	1.47722	1.47722	0.0935208	0.418523	-2.38935	0.335847	0.625864	-1.59779	0.0614982	0.369832	-2.70393	0.134218	0.466435	-2.14392	0.531309	1.3491	1.3491	2.36651	8.35755	3.1392	1
cg20172500	GRM7;GRM7	0.119678	0.33731	0.884466	-1.13063	0.178736	1.19399	1.19399	0.36855	1.12145	1.12145	0.981239	0.997086	-1.00292	0.102027	1.24872	1.24872	0.460767	0.911014	-1.09768	0.136005	0.819234	-1.22065	0.0261327	1.38755	1.38755	0.16949	1.19918	1.19918	2.36649	0.577316	0.216848	1
cg00118684	RNMT;C18orf19;C18orf19	0.11968	0.170524	0.678904	-1.47296	0.384832	0.78945	-1.2667	0.599707	0.868908	-1.15087	0.324739	0.763504	-1.30975	0.00483792	0.370974	-2.6956	0.855639	0.952827	-1.04951	0.2343	1.39211	1.39211	0.922335	0.974457	-1.02621	0.592996	1.15391	1.15391	2.36647	2.63882	0.991186	1
cg21705506	SLFN12L	0.119681	0.328621	0.48351	-2.06821	0.115788	0.291699	-3.42819	0.215707	0.390986	-2.55764	0.761882	0.8033	-1.24486	0.0516971	0.202726	-4.93276	0.070909	0.233571	-4.28135	0.0208528	0.134756	-7.42081	0.286029	2.22229	2.22229	0.20801	0.384142	-2.6032	2.36646	19.4678	7.31246	1
cg03983213	PTPRN2;PTPRN2;PTPRN2	0.119682	0.405467	0.761711	-1.31283	0.844855	0.939268	-1.06466	0.0205849	0.409851	-2.43991	0.0451395	0.47947	-2.08563	0.205097	0.652097	-1.53351	0.875739	1.05132	1.05132	0.246662	1.47317	1.47317	0.51858	1.2328	1.2328	0.0921446	0.552742	-1.80916	2.36646	3.83302	1.43976	1
cg02916964	DGKA;DGKA;DGKA;DGKA	0.119682	0.377229	0.813126	-1.22982	0.593839	1.13076	1.13076	0.236135	1.32768	1.32768	0.620216	0.892213	-1.12081	0.572513	0.877919	-1.13906	0.460426	1.18718	1.18718	0.249643	1.31613	1.31613	0.00612882	0.441935	-2.26278	0.751557	1.07521	1.07521	2.36645	1.95368	0.733843	1
cg19320816	HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE	0.119687	0.434987	0.306956	-3.25779	0.502816	0.364838	-2.74094	0.383913	0.266125	-3.75763	0.395981	0.275577	-3.62876	0.571302	0.428147	-2.33564	0.0374048	35.9207	35.9207	0.115787	0.0792864	-12.6125	0.602474	0.458792	-2.17964	0.0345732	38.6267	38.6267	2.36641	82.3963	30.9504	1
cg25358133	MUC6	0.119689	0.443332	0.621157	-1.6099	0.0556176	3.74874	3.74874	0.129518	2.71255	2.71255	0.714625	1.25074	1.25074	0.522079	0.673484	-1.48482	0.0969776	0.329604	-3.03394	0.043779	0.243663	-4.10403	0.443536	0.621294	-1.60954	0.430832	0.612705	-1.63211	2.36639	13.9113	5.2255	1
cg23117999	C14orf132	0.11969	0.0677099	0.331711	-3.01467	0.0279341	4.05708	4.05708	0.324008	1.73187	1.73187	0.110041	0.390958	-2.55782	0.495842	0.688766	-1.45187	0.591101	1.33967	1.33967	0.183976	0.46769	-2.13817	0.878102	1.08628	1.08628	0.482473	0.68053	-1.46944	2.36638	10.8957	4.09276	1
cg03095533	HPN;HPN	0.11969	0.0291691	0.479409	-2.0859	0.596567	1.1651	1.1651	0.85683	1.05301	1.05301	0.310641	1.34994	1.34994	0.337771	0.753775	-1.32666	0.134476	0.630275	-1.58661	0.887669	1.04126	1.04126	0.949537	1.01827	1.01827	0.0311071	2.06208	2.06208	2.36638	3.0663	1.1518	1
cg15390741	EPS15;EPS15	0.119694	0.827633	1.1144	1.1144	0.749806	1.17224	1.17224	0.0885133	0.393218	-2.54312	0.417942	1.50854	1.50854	0.166798	0.480865	-2.07959	0.0534515	0.336352	-2.97307	0.290777	0.580103	-1.72383	0.246766	0.547936	-1.82503	0.0148269	0.225606	-4.43251	2.36635	9.24662	3.47338	1
cg06765909	EIF2C3;EIF2C3;EIF2C3;EIF2C3	0.119695	0.828216	1.04218	1.04218	0.165905	0.755082	-1.32436	0.167079	0.755745	-1.3232	0.371296	0.839842	-1.1907	0.608303	0.906392	-1.10327	0.934224	1.01582	1.01582	0.00992657	0.538344	-1.85755	0.937288	0.98515	-1.01507	0.0214297	0.591269	-1.69128	2.36634	1.35483	0.508926	1
cg22293481	SEMA4B;SEMA4B	0.119699	0.21369	0.680111	-1.47035	0.588529	0.851457	-1.17446	0.0242343	2.20546	2.20546	0.493751	0.814959	-1.22706	0.594652	0.853746	-1.17131	0.437546	1.26259	1.26259	0.0333191	0.480787	-2.07992	0.209809	0.677641	-1.47571	0.569968	0.844476	-1.18417	2.3663	3.24867	1.22034	1
cg01556677	SEMA3C	0.119701	0.264489	0.790209	-1.26549	0.793555	1.05453	1.05453	0.0649848	0.657365	-1.52122	0.76766	0.941784	-1.06181	0.0608484	0.651943	-1.53388	0.0427932	0.623716	-1.60329	0.422465	0.847146	-1.18043	0.0725967	1.50012	1.50012	0.46233	0.859437	-1.16355	2.36629	1.53606	0.577016	1
cg04410448	C6orf94	0.119704	0.788149	1.12581	1.12581	0.00910291	0.23271	-4.29719	0.0467085	0.36715	-2.72368	0.755896	0.871792	-1.14706	0.687259	0.836892	-1.1949	0.204966	0.555198	-1.80116	0.552388	0.76761	-1.30275	0.332016	1.55321	1.55321	0.476223	1.37536	1.37536	2.36626	7.25471	2.72524	1
cg11431257	C3orf58;C3orf58	0.119704	0.395025	0.778228	-1.28497	0.0572964	1.85702	1.85702	0.138948	1.58161	1.58161	0.707622	0.897228	-1.11454	0.587594	0.854183	-1.17071	0.0244245	0.46217	-2.16371	0.157525	0.647243	-1.54502	0.762085	1.09133	1.09133	0.505063	0.823101	-1.21492	2.36626	3.10483	1.16633	1
cg06422910	COPG2	0.119705	0.418083	0.910102	-1.09878	0.887748	0.98405	-1.01621	0.296292	1.1312	1.1312	0.479116	1.08535	1.08535	0.125518	1.20773	1.20773	0.252092	1.14591	1.14591	0.0183116	0.721845	-1.38534	0.196834	1.16805	1.16805	0.172614	1.17968	1.17968	2.36625	0.485675	0.182445	1
cg11310017	STK32C	0.119705	0.286985	0.842831	-1.18648	0.395558	0.874099	-1.14404	0.0460735	0.702216	-1.42406	0.578514	0.916868	-1.09067	0.488303	1.11503	1.11503	0.463288	0.890958	-1.12239	0.0153737	1.5841	1.5841	0.911269	0.982908	-1.01739	0.428856	1.13304	1.13304	2.36625	0.896344	0.336715	1
cg16016641	C20orf4	0.11971	0.196374	0.827228	-1.20886	0.0775677	1.3131	1.3131	0.212849	1.19982	1.19982	0.413705	1.12302	1.12302	0.609016	0.930878	-1.07425	0.404846	1.12563	1.12563	0.0820452	0.765278	-1.30671	0.0510578	0.734528	-1.36142	0.622205	1.07139	1.07139	2.36621	0.722469	0.271402	1
cg16658618	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.119711	0.0634592	7.15548	7.15548	0.0223473	13.2127	13.2127	0.56812	1.72294	1.72294	0.971854	0.967278	-1.03383	0.926681	0.916871	-1.09067	0.466398	2.01154	2.01154	0.474834	0.503946	-1.98434	0.048748	8.35106	8.35106	0.0504222	8.18758	8.18758	2.36619	33.3209	12.5174	1
cg00398781	MCF2L	0.119715	0.831409	0.91984	-1.08715	0.00491677	4.30736	4.30736	0.046235	2.44737	2.44737	0.512182	1.29762	1.29762	0.665833	0.84342	-1.18565	0.415532	1.38564	1.38564	0.63476	1.20629	1.20629	0.737508	0.876489	-1.14092	0.490738	1.31566	1.31566	2.36616	5.75615	2.1624	1
cg00507915	ZSCAN4	0.119717	0.274113	0.42464	-2.35494	0.015341	0.106483	-9.39116	0.0759448	0.226165	-4.42155	0.128792	0.290695	-3.44003	0.0926516	0.248399	-4.02579	0.0580168	0.199348	-5.01635	0.0762291	0.226563	-4.41379	0.518628	0.611096	-1.6364	0.0866527	0.240662	-4.15521	2.36615	21.2286	7.97493	1
cg07387471	TBC1D3C	0.119717	0.315989	0.68921	-1.45094	0.901284	1.04556	1.04556	0.236771	0.640801	-1.56055	0.128948	1.80229	1.80229	0.293008	1.47941	1.47941	0.455924	0.761378	-1.31341	0.0465452	0.441139	-2.26686	0.138396	0.563976	-1.77313	0.0917607	1.94745	1.94745	2.36615	4.83031	1.8146	1
cg07242565	NR2F6;NR2F6	0.119717	0.857546	0.975277	-1.02535	0.46478	1.10922	1.10922	0.187741	1.21471	1.21471	0.705677	1.05429	1.05429	0.758424	1.04392	1.04392	0.965925	0.994066	-1.00597	0.00588796	0.605261	-1.65218	0.198487	0.827507	-1.20845	0.469282	1.10802	1.10802	2.36614	0.727477	0.273291	1
cg02608124	MRGPRX4	0.11972	0.0983979	0.480289	-2.08208	0.528204	0.77216	-1.29507	0.0756908	0.449349	-2.22544	0.076517	0.450584	-2.21934	0.911273	0.9559	-1.04613	0.0230162	0.332852	-3.00433	0.0209305	0.324891	-3.07795	0.18575	0.566826	-1.76421	0.397624	0.704382	-1.41968	2.36612	6.13484	2.3047	1
cg22586996	EBF1	0.119722	0.0383369	20.2186	20.2186	0.453339	2.60372	2.60372	0.999627	0.999415	-1.00059	0.949949	1.08181	1.08181	0.0243793	28.8076	28.8076	0.614104	0.528916	-1.89066	0.808842	1.35476	1.35476	0.122704	8.12684	8.12684	0.0273081	26.3526	26.3526	2.3661	58.8086	22.093	1
cg20322003	KIAA0284;KIAA0284	0.119724	0.170949	0.801055	-1.24835	0.35586	0.865454	-1.15546	0.882074	1.02284	1.02284	0.0444588	1.42073	1.42073	0.270469	1.19075	1.19075	0.675772	1.06609	1.06609	0.0906754	1.32792	1.32792	0.607484	1.08202	1.08202	0.0581855	0.721988	-1.38506	2.36608	0.867544	0.325919	1
cg17371350	ELP2P;GEMIN4	0.119726	0.894333	0.979682	-1.02074	0.506014	0.901012	-1.10986	0.697176	1.06227	1.06227	0.735642	0.949001	-1.05374	0.0981311	0.755597	-1.32346	0.163901	0.794958	-1.25793	0.00737549	0.586638	-1.70463	0.0419133	0.696162	-1.43645	0.419708	0.880422	-1.13582	2.36606	0.894149	0.335916	1
cg03306240	MIR146A	0.119727	0.80251	1.10924	1.10924	0.110954	0.487523	-2.05119	0.174188	0.549896	-1.81853	0.919008	1.04298	1.04298	0.769534	0.885554	-1.12924	0.496372	0.751474	-1.33072	0.00327807	0.190552	-5.24791	0.660996	0.833132	-1.20029	0.521776	0.764435	-1.30816	2.36606	6.41346	2.40943	1
cg13257371	MSI2;MSI2	0.119727	0.648726	1.11803	1.11803	0.166709	0.698613	-1.43141	0.17091	0.701394	-1.42573	0.997468	0.999228	-1.00077	0.128162	1.49194	1.49194	0.272366	1.32038	1.32038	0.0141897	2.08768	2.08768	0.682316	1.10529	1.10529	0.432566	0.822974	-1.21511	2.36605	2.21749	0.833074	1
cg09614876	LRRC66	0.119728	0.100153	0.139763	-7.15496	0.10471	6.93851	6.93851	0.648025	1.65216	1.65216	0.443554	0.425985	-2.3475	0.246447	0.266062	-3.75852	0.307366	0.31528	-3.17179	0.04499	0.0810112	-12.344	0.10191	7.06961	7.06961	0.471042	0.448897	-2.22768	2.36605	44.7168	16.7994	1
cg25229089	TRPA1	0.119729	0.0124783	0.505773	-1.97717	0.0892634	0.663038	-1.50821	0.0778413	0.650684	-1.53684	0.798567	0.945463	-1.05768	0.273357	0.778814	-1.284	0.260223	0.772957	-1.29373	0.16599	0.72329	-1.38257	0.522389	1.15278	1.15278	0.420686	1.1977	1.1977	2.36604	1.80208	0.677017	1
cg02668773	MPO	0.11973	0.0714819	2.12505	2.12505	0.703172	0.86643	-1.15416	0.414551	0.731727	-1.36663	0.0909131	2.00861	2.00861	0.511494	1.28322	1.28322	0.215502	1.6294	1.6294	0.135604	1.82641	1.82641	0.013005	3.17128	3.17128	0.845358	0.92948	-1.07587	2.36603	5.25554	1.97445	1
cg12493107	GZF1	0.119731	0.0637874	0.299485	-3.33906	0.235774	0.487279	-2.05221	0.997468	1.00184	1.00184	0.307257	0.542506	-1.8433	0.0360073	0.243833	-4.10116	0.218738	0.473088	-2.11377	0.0267006	0.218878	-4.56875	0.0423712	0.258533	-3.86798	0.0946412	0.345434	-2.89491	2.36602	12.5457	4.7133	1
cg00708060	KLHDC8B	0.119733	0.979396	1.00335	1.00335	0.744032	1.04334	1.04334	0.86716	1.02192	1.02192	0.0891727	0.784481	-1.27473	0.00812792	0.64483	-1.5508	0.385481	1.12211	1.12211	0.559367	0.926403	-1.07944	0.169802	1.20848	1.20848	0.601211	0.933991	-1.07067	2.366	0.628358	0.236069	1
cg21770828	SNORD74;SNORD75;ZBTB37;ZBTB37;GAS5;ZBTB37;ZBTB37	0.119733	0.546409	0.933603	-1.07112	0.375883	1.1077	1.1077	0.407095	1.10016	1.10016	0.248478	0.873029	-1.14544	0.292146	1.13091	1.13091	0.0231479	0.73667	-1.35746	0.457254	0.91832	-1.08894	0.0886721	1.23538	1.23538	0.18225	1.17274	1.17274	2.366	0.474733	0.178354	1
cg24466241	ZYG11A	0.119736	0.975869	0.961653	-1.03988	0.0738914	13.1357	13.1357	0.621382	0.525402	-1.9033	0.660212	1.77165	1.77165	0.348409	0.287078	-3.48338	0.572048	0.478003	-2.09204	0.745454	0.656319	-1.52365	0.0527958	17.214	17.214	0.0151651	47.303	47.303	2.36597	62.6236	23.5275	1
cg09763325	FAM89B;FAM89B;FAM89B	0.119737	0.0430595	0.465295	-2.14917	0.863829	1.05804	1.05804	0.133512	1.70219	1.70219	0.038083	0.453769	-2.20376	0.056579	0.491962	-2.03268	0.980686	0.992076	-1.00799	0.172841	0.620779	-1.61088	0.749626	0.900116	-1.11097	0.485646	0.792267	-1.2622	2.36596	4.04769	1.52071	1
cg10964421	TNFRSF10D	0.11974	0.0385621	22.5452	22.5452	0.185488	6.20492	6.20492	0.123545	8.74691	8.74691	0.787453	1.42097	1.42097	0.427068	2.86986	2.86986	0.796624	0.714792	-1.39901	0.0615337	15.458	15.458	0.0249739	32.073	32.073	0.0502785	18.1975	18.1975	2.36594	63.3346	23.7949	1
cg12610972	CASD1	0.11974	0.660349	0.967315	-1.03379	0.272299	1.08967	1.08967	0.906514	0.99121	-1.00887	0.0999715	0.873315	-1.14506	0.00588915	0.762766	-1.31102	0.359672	0.931672	-1.07334	0.568552	1.04426	1.04426	0.293969	0.921453	-1.08524	0.9587	1.0039	1.0039	2.36594	0.211618	0.0795056	1
cg02869459	SPEG	0.119742	0.11453	0.07046	-14.1924	0.650902	2.02189	2.02189	0.515203	2.77274	2.77274	0.329198	4.74138	4.74138	0.0803404	0.0498858	-20.0458	0.502861	2.86014	2.86014	0.415018	0.275917	-3.62428	0.0854738	0.0529677	-18.8794	0.0504804	31.3467	31.3467	2.36592	89.5014	33.6262	1
cg16806519	CCDC144C	0.119747	0.017357	0.770185	-1.29839	0.528528	0.944074	-1.05924	0.188662	0.882029	-1.13375	0.464686	0.93513	-1.06937	0.0138218	0.760154	-1.31552	0.949783	0.994339	-1.00569	0.521832	1.06026	1.06026	0.245002	0.896185	-1.11584	0.186597	0.881448	-1.1345	2.36587	0.304389	0.114363	1
cg06070290	DNAH11	0.119752	0.590424	0.776735	-1.28744	0.788682	1.13305	1.13305	0.4631	0.706595	-1.41524	0.463259	1.41506	1.41506	0.0135331	0.241443	-4.14176	0.283522	1.67885	1.67885	0.769269	0.872167	-1.14657	0.038008	3.06028	3.06028	0.787079	0.881711	-1.13416	2.36583	8.10175	3.04398	1
cg03100807	LOC100130987	0.119753	0.0717673	0.750574	-1.33231	0.861811	0.97544	-1.02518	0.33773	0.868444	-1.15148	0.0457351	0.72116	-1.38665	0.0127225	0.642839	-1.5556	0.459051	0.897988	-1.1136	0.473394	1.10968	1.10968	0.493898	1.10424	1.10424	0.998036	0.999649	-1.00035	2.36583	0.763239	0.286764	1
cg14210789	TRMT61A	0.119755	0.402838	1.23328	1.23328	0.607599	1.13525	1.13525	0.635527	1.12405	1.12405	0.414355	1.22674	1.22674	0.104207	1.54503	1.54503	0.00904787	0.443725	-2.25365	0.495832	0.8442	-1.18455	0.250768	0.745346	-1.34166	0.826975	0.947798	-1.05508	2.36581	2.24751	0.844441	1
cg12475590	IL17D	0.119755	0.132755	0.344563	-2.90223	0.0228094	0.167024	-5.98716	0.0469671	0.22455	-4.45335	0.414948	1.72869	1.72869	0.118454	0.32845	-3.0446	0.468117	0.615746	-1.62405	0.072237	0.267714	-3.73533	0.111572	0.32034	-3.12169	0.639121	0.733271	-1.36375	2.36581	16.1668	6.07426	1
cg07268431	PTPN23	0.119755	0.674038	1.36207	1.36207	0.00441076	16.0563	16.0563	0.0377947	5.80984	5.80984	0.564859	1.52968	1.52968	0.771075	0.808066	-1.23752	0.997661	0.997861	-1.00214	0.918938	1.07719	1.07719	0.407929	1.85576	1.85576	0.843919	1.15487	1.15487	2.3658	19.9912	7.51118	1
cg09498007	CREG2	0.119757	0.0346496	0.126829	-7.88466	0.141428	0.265601	-3.76505	0.445882	0.521283	-1.91834	0.181947	0.304885	-3.27992	0.0497402	0.153115	-6.53104	0.149022	0.273243	-3.65974	0.0252506	0.10746	-9.3058	0.0803438	0.196652	-5.08513	0.0768363	0.192104	-5.20551	2.36579	26.3367	9.89539	1
cg03251068	CATSPERG	0.11976	0.0345666	1.51534	1.51534	0.157184	1.29065	1.29065	0.209783	1.24973	1.24973	0.45986	0.880811	-1.13532	0.0513512	0.687867	-1.45377	0.223736	1.24058	1.24058	0.34972	0.850146	-1.17627	0.845647	0.967663	-1.03342	0.790743	0.956139	-1.04587	2.36576	1.06576	0.400438	1
cg27105218	NOB1	0.119761	0.358257	0.811596	-1.23214	0.64945	0.903829	-1.1064	0.297656	0.787752	-1.26943	0.779537	1.06397	1.06397	0.0184332	0.531661	-1.8809	0.0313937	0.572452	-1.74687	0.39743	0.825749	-1.21102	0.482308	1.17093	1.17093	0.0419586	0.595747	-1.67857	2.36575	1.82948	0.687393	1
cg24403722	EGR3;EGR3	0.119762	0.84634	1.07163	1.07163	0.21013	1.6015	1.6015	0.0741164	0.491794	-2.03337	0.28867	1.48108	1.48108	0.286046	0.673625	-1.48451	0.692681	0.867927	-1.15217	0.0121012	0.327748	-3.05113	0.504207	1.27339	1.27339	0.646121	0.848012	-1.17923	2.36575	4.76433	1.79012	1
cg16903174	ASAP2;ASAP2	0.119765	0.0827421	0.696688	-1.43536	0.921681	1.01867	1.01867	0.210284	0.780105	-1.28188	0.0460249	0.650449	-1.5374	0.0294674	0.617371	-1.61977	0.974839	0.994085	-1.00595	0.594237	1.10643	1.10643	0.964489	1.00841	1.00841	0.036951	0.633968	-1.57737	2.36572	1.32567	0.498106	1
cg26665274	BMP2	0.119772	0.299641	1.27814	1.27814	0.192332	1.37032	1.37032	0.00835746	2.1584	2.1584	0.380465	1.228	1.228	0.0266165	1.82191	1.82191	0.0692963	1.59034	1.59034	0.804069	1.05839	1.05839	0.308153	1.27229	1.27229	0.359641	1.23989	1.23989	2.36566	1.95283	0.73377	1
cg01064903	TIMM44	0.119774	0.370559	0.613022	-1.63126	0.0107169	0.181447	-5.51126	0.0415322	0.286267	-3.49324	0.706322	1.22319	1.22319	0.11427	0.400817	-2.4949	0.225034	0.507539	-1.97029	0.163616	0.453303	-2.20603	0.696162	1.23227	1.23227	0.981474	1.01243	1.01243	2.36564	10.612	3.98744	1
cg16584911	AHCYL2;AHCYL2	0.119774	0.54024	1.08994	1.08994	0.0472314	1.37076	1.37076	0.168532	0.815624	-1.22606	0.197968	0.827788	-1.20804	0.612062	1.07362	1.07362	0.992313	0.998663	-1.00134	0.382574	1.13244	1.13244	0.355615	1.14109	1.14109	0.0192521	1.48185	1.48185	2.36563	0.722855	0.271614	1
cg23441441	LIN7A	0.119778	0.586137	1.08845	1.08845	0.035886	1.45697	1.45697	0.127697	1.28907	1.28907	0.180739	1.24497	1.24497	0.125416	1.29137	1.29137	0.100555	0.757799	-1.31961	0.161434	0.794092	-1.2593	0.723376	1.05632	1.05632	0.753751	1.04971	1.04971	2.3656	0.890556	0.334632	1
cg09196959	TRIM40	0.119778	0.0876843	0.192098	-5.20568	0.305168	0.394835	-2.5327	0.0290387	0.105193	-9.5063	0.257033	0.355126	-2.8159	0.0339789	0.114614	-8.72496	0.764458	1.30081	1.30081	0.0547355	0.148539	-6.73223	0.105791	0.213048	-4.69378	0.113327	0.221341	-4.51791	2.3656	28.6966	10.7829	1
cg18788741	FAM150A	0.119778	0.0882345	3.9436	3.9436	0.05056	5.07955	5.07955	0.297763	2.1975	2.1975	0.39568	0.530215	-1.88603	0.246134	0.412833	-2.42229	0.449367	0.569908	-1.75467	0.118514	0.290519	-3.44212	0.18811	2.76574	2.76574	0.282963	2.25631	2.25631	2.3656	19.933	7.48995	1
cg02136622	ABCC4;ABCC4	0.119782	0.165113	0.714027	-1.40051	0.598231	1.12859	1.12859	0.284938	0.776726	-1.28746	0.105913	1.49444	1.49444	0.942194	0.983638	-1.01663	0.0267264	1.81695	1.81695	0.0997871	1.50729	1.50729	0.832783	0.953041	-1.04927	0.260572	0.765719	-1.30596	2.36556	1.93884	0.728541	1
cg22192301	HCCA2	0.119784	0.568311	0.909591	-1.09939	0.137328	1.30078	1.30078	0.0122131	1.67042	1.67042	0.59077	0.914661	-1.0933	0.569794	0.909929	-1.09899	0.121627	0.758997	-1.31753	0.322069	0.845274	-1.18305	0.358076	0.856156	-1.16801	0.971168	0.994079	-1.00596	2.36555	1.01166	0.380147	1
cg02789915	GYG1	0.119785	0.629052	0.886293	-1.12829	0.826161	1.05606	1.05606	0.727994	0.917057	-1.09044	0.0165664	2.0664	2.0664	0.375311	1.25313	1.25313	0.696332	1.10215	1.10215	0.993759	1.00194	1.00194	0.0272014	1.91216	1.91216	0.0456649	1.76513	1.76513	2.36554	2.30395	0.865744	1
cg11989407	ILKAP	0.119785	0.30044	1.64842	1.64842	0.0720985	2.54743	2.54743	0.638881	1.24628	1.24628	0.0253471	3.44947	3.44947	0.15944	0.496409	-2.01447	0.583721	1.29403	1.29403	0.648274	0.807405	-1.23854	0.0381116	3.06382	3.06382	0.801475	1.12452	1.12452	2.36554	8.12897	3.05459	1
cg08500908	GFER	0.119786	0.104275	0.325407	-3.07308	0.0590026	0.259773	-3.84951	0.78571	0.841739	-1.18802	0.254303	0.471183	-2.12232	0.00951498	0.125369	-7.97649	0.116049	0.33967	-2.94404	0.161842	0.388942	-2.57108	0.118086	0.342058	-2.92348	0.114473	0.337808	-2.96026	2.36553	14.9727	5.62625	1
cg06641607	KIAA1804	0.119787	0.0304532	0.697675	-1.43333	0.322803	1.15552	1.15552	0.963239	1.00654	1.00654	0.0447884	0.721784	-1.38546	0.0262282	0.688514	-1.4524	0.412585	0.888188	-1.12589	0.687918	1.05882	1.05882	0.873708	0.977736	-1.02277	0.937703	1.01113	1.01113	2.36552	0.750571	0.282041	1
cg10774361	TMEM150C	0.119791	0.0622584	0.612424	-1.63286	0.490347	0.849011	-1.17784	0.227775	1.34417	1.34417	0.255263	0.757691	-1.3198	0.0569862	0.604604	-1.65397	0.405133	0.819559	-1.22017	0.0618435	0.611829	-1.63444	0.061051	0.610684	-1.63751	0.0842202	0.639999	-1.5625	2.36549	2.04473	0.768358	1
cg11604728	POU6F2;POU6F2	0.119792	0.713872	1.06996	1.06996	0.116896	0.731415	-1.36721	0.268755	0.809371	-1.23553	0.804233	0.955422	-1.04666	0.257415	1.24237	1.24237	0.274779	1.23201	1.23201	0.00989218	1.8193	1.8193	0.939199	0.98609	-1.01411	0.489065	0.878937	-1.13774	2.36548	1.2631	0.474644	1
cg07806164	UBE2E2	0.119795	0.0652473	0.811445	-1.23237	0.302246	0.897726	-1.11393	0.261715	1.12542	1.12542	0.289649	0.894979	-1.11734	0.157231	1.16498	1.16498	0.966382	1.00426	1.00426	0.0232974	0.760559	-1.31482	0.782511	1.02833	1.02833	0.38385	1.09433	1.09433	2.36545	0.381812	0.143477	1
cg16346555	ANTXR1;ANTXR1	0.119796	0.722592	0.902415	-1.10814	0.341864	0.754181	-1.32594	0.00850027	0.38001	-2.63151	0.281273	0.72427	-1.3807	0.208007	1.46582	1.46582	0.870144	1.04826	1.04826	0.154488	0.644654	-1.55122	0.612528	1.1585	1.1585	0.12754	0.62209	-1.60748	2.36544	3.10884	1.16824	1
cg10582371	GALNT14	0.1198	0.210101	0.44222	-2.26132	0.00965797	0.132233	-7.56241	0.228245	0.45782	-2.18427	0.431025	0.608645	-1.64299	0.162403	0.39795	-2.51288	0.845646	0.886558	-1.12796	0.2071	0.439583	-2.27488	0.120514	2.83017	2.83017	0.378217	0.572044	-1.74812	2.3654	14.2979	5.37297	1
cg09799789	KIF26B	0.119807	0.980474	0.990754	-1.00933	0.0382566	0.401925	-2.48803	0.0604996	0.447791	-2.23318	0.613304	1.21341	1.21341	0.127624	1.86879	1.86879	0.389094	1.39798	1.39798	0.0742485	2.12765	2.12765	0.973409	1.01273	1.01273	0.829803	0.92154	-1.08514	2.36535	5.39739	2.02832	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12104689	APPBP2	0.119807	0.621468	1.14654	1.14654	0.0127054	2.34169	2.34169	0.0289972	2.02837	2.02837	0.0738514	1.72883	1.72883	0.757016	1.08901	1.08901	0.107254	1.621	1.621	0.505027	1.20424	1.20424	0.10751	1.62033	1.62033	0.831081	1.06045	1.06045	2.36534	2.82805	1.06277	1
cg25388823	ZFYVE28	0.119809	0.0201926	0.224632	-4.45173	0.413526	0.640425	-1.56146	0.762745	0.850957	-1.17515	0.633397	0.77403	-1.29194	0.00940419	0.172897	-5.78379	0.371728	0.613304	-1.63051	0.223265	0.505529	-1.97813	0.647715	1.27793	1.27793	0.158843	0.448075	-2.23177	2.36532	10.6452	4.00049	1
cg07571202	LPHN1;LPHN1	0.119812	0.122137	0.493665	-2.02566	0.187492	0.555139	-1.80135	0.315904	1.54787	1.54787	0.556047	1.28515	1.28515	0.0163315	0.290265	-3.44513	0.145648	0.517765	-1.93138	0.769979	0.883793	-1.13149	0.419394	0.706379	-1.41567	0.0554328	0.400642	-2.49599	2.3653	6.64971	2.49898	1
cg19222405	REXO1	0.119812	0.904307	1.02613	1.02613	0.0584724	1.58168	1.58168	0.087598	1.49841	1.49841	0.150735	1.39137	1.39137	0.155243	1.38567	1.38567	0.530539	1.14598	1.14598	0.0087841	2.04561	2.04561	0.643125	0.904777	-1.10524	0.312186	1.25134	1.25134	2.3653	1.72302	0.647516	1
cg15605011	AMPD2;AMPD2;AMPD2	0.119815	0.607535	0.917215	-1.09026	0.82547	1.03753	1.03753	0.362075	1.16914	1.16914	0.858315	0.970632	-1.03026	0.171293	0.784297	-1.27503	0.538532	0.901339	-1.10946	0.00453397	0.532163	-1.87912	0.606893	1.09043	1.09043	0.439298	1.14062	1.14062	2.36527	1.04233	0.391717	1
cg05114984	MED28	0.119817	0.0565435	0.383936	-2.6046	0.326593	0.638183	-1.56695	0.240859	0.580137	-1.72373	0.189547	0.539967	-1.85196	0.969394	1.01716	1.01716	0.38226	0.672087	-1.4879	0.0679486	0.403895	-2.47589	0.439964	1.41802	1.41802	0.0112346	0.244488	-4.09017	2.36525	7.36667	2.76848	1
cg16451004	LGR4	0.119818	0.850954	0.973008	-1.02774	0.39011	1.13667	1.13667	0.804611	0.964586	-1.03671	0.884514	0.97908	-1.02137	0.51521	0.908474	-1.10075	0.52423	0.91039	-1.09843	0.0467817	0.718105	-1.39255	0.476163	0.899973	-1.11114	0.00999829	1.60497	1.60497	2.36525	0.792695	0.297905	1
cg20510384	MRPL42P5	0.119818	0.0109474	0.274508	-3.64288	0.833	1.08924	1.08924	0.965336	0.98256	-1.01775	0.136933	0.522762	-1.91292	0.0187672	0.315733	-3.16724	0.774435	0.890184	-1.12336	0.656702	0.834346	-1.19854	0.731423	1.14969	1.14969	0.313766	0.655873	-1.52469	2.36524	6.1399	2.30745	1
cg00706191	CDH11	0.119819	0.309592	0.635636	-1.57323	0.337556	0.653076	-1.53122	0.202563	0.560036	-1.7856	0.154944	1.92701	1.92701	0.410429	0.69576	-1.43728	0.470498	1.37215	1.37215	0.421497	1.42457	1.42457	0.0153208	3.60666	3.60666	0.238202	1.70303	1.70303	2.36524	6.95678	2.61445	1
cg26787381	LOC284798;LOC284798;LOC284798	0.119821	0.20062	2.16333	2.16333	0.0205072	4.92107	4.92107	0.898689	0.929869	-1.07542	0.922451	1.05716	1.05716	0.0932673	2.86888	2.86888	0.111563	2.68941	2.68941	0.0968569	2.8302	2.8302	0.0306488	4.26148	4.26148	0.871072	0.911449	-1.09715	2.36522	12.2067	4.58747	1
cg12384918	TRIM38	0.119824	0.528607	0.780316	-1.28153	0.100389	0.496903	-2.01246	0.551441	0.791256	-1.26381	0.49786	0.765369	-1.30656	0.139562	0.53915	-1.85477	0.0157825	0.316876	-3.1558	0.428002	1.36947	1.36947	0.184903	0.579056	-1.72695	0.0260882	0.35849	-2.78947	2.36519	5.65546	2.12544	1
cg14453251	CEP97	0.119826	0.836045	1.02798	1.02798	0.0391085	1.37424	1.37424	0.874837	0.979231	-1.02121	0.478483	1.10069	1.10069	0.296325	1.15509	1.15509	0.0148411	0.670967	-1.49039	0.537269	1.08673	1.08673	0.899983	1.01688	1.01688	0.292304	0.864615	-1.15658	2.36517	0.664046	0.249564	1
cg09561822	BIN3	0.119826	0.379488	0.733298	-1.3637	0.163597	1.66785	1.66785	0.730132	1.12653	1.12653	0.880337	0.949489	-1.0532	0.362574	0.724715	-1.37985	0.414036	0.750288	-1.33282	0.0082835	0.313011	-3.19477	0.154018	1.69058	1.69058	0.940009	0.974435	-1.02624	2.36517	4.43455	1.66661	1
cg11348701	GAD1	0.119827	0.164712	0.372466	-2.68481	0.135166	0.341965	-2.92427	0.465361	0.609552	-1.64055	0.376547	0.546287	-1.83054	0.0189321	0.150526	-6.64337	0.0188168	0.150139	-6.66051	0.0415588	0.208944	-4.78598	0.795273	0.840927	-1.18916	0.315872	0.501107	-1.99558	2.36517	16.6292	6.24967	1
cg05462570	NAALADL1	0.119829	0.166139	1.56874	1.56874	0.202512	1.50725	1.50725	0.348914	1.34185	1.34185	0.923841	0.971264	-1.02959	0.654187	0.871541	-1.14739	0.101249	1.72842	1.72842	0.700204	1.12522	1.12522	0.00444895	3.18078	3.18078	0.404921	1.29674	1.29674	2.36515	3.48311	1.30905	1
cg07301105	C2orf52	0.11983	0.397455	1.27015	1.27015	0.819631	0.938908	-1.06507	0.0845588	1.6931	1.6931	0.0249576	2.08833	2.08833	0.300818	0.743857	-1.34434	0.76528	0.920684	-1.08615	0.999771	0.999921	-1.00008	0.969377	0.98946	-1.01065	0.0217607	2.13859	2.13859	2.36514	2.85353	1.07244	1
cg06467910	DEPDC7;DEPDC7	0.11983	0.435247	0.899019	-1.11232	0.0222153	1.44274	1.44274	0.402929	1.12127	1.12127	0.233173	1.18194	1.18194	0.0787294	1.29835	1.29835	0.228704	1.18403	1.18403	0.0901154	1.28374	1.28374	0.477111	0.90786	-1.10149	0.066872	1.31615	1.31615	2.36514	0.669815	0.251736	1
cg23702412	SLC8A3;SLC8A3;SLC8A3;SLC8A3	0.11983	0.0486992	1.36818	1.36818	0.170075	1.22564	1.22564	0.0763442	1.31592	1.31592	0.324282	1.15227	1.15227	0.897707	0.982251	-1.01807	0.99596	1.00071	1.00071	0.0815651	0.764312	-1.30837	0.638238	0.936189	-1.06816	0.0722652	1.32222	1.32222	2.36514	0.726206	0.27293	1
cg22222461	PGCP	0.119836	0.0301801	0.16098	-6.21195	0.0966893	0.270727	-3.69376	0.173242	0.354038	-2.82455	0.161719	0.342773	-2.91738	0.022483	0.141045	-7.08992	0.140319	0.320875	-3.11648	0.0391372	0.180775	-5.53173	0.245026	0.418397	-2.39008	0.162262	0.343311	-2.91281	2.36508	19.2314	7.22788	1
cg12937183	PRKAG2;PRKAG2	0.119837	0.593528	1.2229	1.2229	0.321525	1.46602	1.46602	0.140743	0.553312	-1.8073	0.343831	1.43942	1.43942	0.0975497	0.507091	-1.97203	0.381294	1.39853	1.39853	0.0187438	2.89779	2.89779	0.195466	1.66766	1.66766	0.872074	0.941583	-1.06204	2.36508	5.22612	1.96418	1
cg27088384	SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.119839	0.657415	1.12124	1.12124	0.312138	0.764857	-1.30743	0.283436	0.751476	-1.33071	0.610234	1.14088	1.14088	0.384143	0.795504	-1.25707	0.084886	1.62987	1.62987	0.103165	0.633157	-1.57939	0.0346852	1.88003	1.88003	0.233283	0.725853	-1.37769	2.36506	2.46206	0.925348	1
cg03859495	ITGAX	0.11984	0.784247	0.833908	-1.19917	0.0131615	7.64843	7.64843	0.13364	2.91739	2.91739	0.310505	0.499329	-2.00269	0.348784	0.528147	-1.89341	0.448762	0.599964	-1.66677	0.414919	1.7359	1.7359	0.895904	1.0905	1.0905	0.0844887	3.53589	3.53589	2.36505	16.4064	6.16625	1
cg09448951	KIAA0174	0.119844	0.068753	1.71708	1.71708	0.0608529	0.57076	-1.75205	0.253306	1.3725	1.3725	0.321842	0.762146	-1.31208	0.082246	1.66684	1.66684	0.81349	1.06473	1.06473	0.137317	1.52916	1.52916	0.159938	1.48957	1.48957	0.644554	1.13121	1.13121	2.36502	2.63822	0.991573	1
cg24636999	DNAH8	0.119847	0.778981	0.922593	-1.0839	0.516221	1.20742	1.20742	0.712128	0.899307	-1.11197	0.157957	0.649023	-1.54078	0.0606747	0.545749	-1.83235	0.221127	0.691906	-1.44528	0.44665	0.800821	-1.24872	0.0158403	2.33098	2.33098	0.961863	1.01379	1.01379	2.36499	3.07134	1.15437	1
cg05667917	DGKQ	0.119848	0.017712	0.291871	-3.42617	0.791426	1.11981	1.11981	0.441135	0.715078	-1.39845	0.224308	1.7246	1.7246	0.0759958	0.430399	-2.32343	0.0434574	0.371046	-2.69508	0.302521	0.63381	-1.57776	0.927253	1.03976	1.03976	0.420335	0.70363	-1.4212	2.36498	6.82756	2.56617	1
cg03800724	KDM5C;KDM5C	0.11985	0.201534	0.525538	-1.90281	0.0135548	0.232867	-4.29429	0.155086	0.483949	-2.06634	0.807853	0.890279	-1.12324	0.162193	0.490741	-2.03773	0.127364	0.455485	-2.19546	0.0468575	0.33779	-2.96042	0.0373539	0.315845	-3.16611	0.541349	0.744589	-1.34302	2.36497	8.52197	3.20304	1
cg00994323	PPP1R16A	0.11985	0.533332	0.906575	-1.10305	0.209415	1.22834	1.22834	0.615499	0.924295	-1.08191	0.839557	0.968977	-1.03202	0.0288957	0.669989	-1.49256	0.0855659	1.3437	1.3437	0.0439779	1.43311	1.43311	0.895971	1.02054	1.02054	0.662069	1.07076	1.07076	2.36496	0.905204	0.340228	1
cg23731466	SCML1;SCML1;SCML1;SCML1	0.119855	0.0584785	0.531854	-1.88022	0.186672	0.661379	-1.51199	0.267758	0.711086	-1.4063	0.0275271	2.15942	2.15942	0.242827	1.43474	1.43474	0.594623	0.85331	-1.17191	0.238389	0.694385	-1.44012	0.824876	1.06764	1.06764	0.658481	1.1404	1.1404	2.36492	3.26722	1.22803	1
cg13440645	NUP43	0.119856	0.855192	0.971212	-1.02964	0.405132	1.1459	1.1459	0.930347	0.986119	-1.01408	0.912766	0.982631	-1.01768	0.777081	1.04643	1.04643	0.93967	1.01218	1.01218	0.00537461	0.556506	-1.79693	0.0642998	0.717215	-1.39428	0.535413	1.10556	1.10556	2.36491	0.957566	0.359917	1
cg09945801	PURG;WRN;PURG	0.11986	0.0474619	1.66457	1.66457	0.832647	0.953558	-1.0487	0.338074	1.24849	1.24849	0.0355975	1.7328	1.7328	0.613045	1.12144	1.12144	0.792958	0.942597	-1.0609	0.10953	0.67563	-1.4801	0.92865	0.980074	-1.02033	0.0604715	1.60922	1.60922	2.36488	1.89167	0.711025	1
cg02367949	SESN3	0.119864	0.848891	1.03987	1.03987	0.153465	1.36783	1.36783	0.614659	1.10963	1.10963	0.0562961	1.5573	1.5573	0.112136	0.701518	-1.42548	0.89931	1.02628	1.02628	0.454453	0.855433	-1.169	0.0260841	0.582114	-1.71788	0.660432	0.913383	-1.09483	2.36484	1.57303	0.591266	1
cg09490603	CYP11A1;CYP11A1;CYP11A1	0.119864	0.312762	2.7797	2.7797	0.0853149	6.43982	6.43982	0.244462	3.29431	3.29431	0.188339	3.91491	3.91491	0.0579685	8.15365	8.15365	0.338299	2.6286	2.6286	0.187731	0.254897	-3.92315	0.170369	4.1772	4.1772	0.021907	14.7681	14.7681	2.36484	35.906	13.4962	1
cg26187237	IGFBP2	0.119864	0.640897	1.05019	1.05019	0.34132	1.10763	1.10763	0.152391	1.17329	1.17329	0.599749	1.05675	1.05675	0.16919	1.16497	1.16497	0.283437	0.890314	-1.1232	0.0117857	0.720428	-1.38806	0.774781	1.03036	1.03036	0.321723	1.11263	1.11263	2.36484	0.407067	0.153007	1
cg27459381	CHST12	0.119868	0.631649	1.0827	1.0827	0.326892	1.18115	1.18115	0.0662546	0.712566	-1.40338	0.735158	1.05744	1.05744	0.912636	1.01822	1.01822	0.248171	1.21968	1.21968	0.0139858	1.6475	1.6475	0.629922	1.08314	1.08314	0.0770706	1.38178	1.38178	2.3648	1.01345	0.380938	1
cg22124117	CDAN1	0.119868	0.436302	1.16492	1.16492	0.186649	1.30876	1.30876	0.300623	1.22896	1.22896	0.715477	1.0729	1.0729	0.0110262	1.84576	1.84576	0.727627	1.06952	1.06952	0.0533842	0.655864	-1.52471	0.489728	1.14439	1.14439	0.740445	0.938098	-1.06599	2.3648	1.3838	0.520148	1
cg00300039	INPP5B	0.119869	0.34876	0.705203	-1.41803	0.549712	1.24501	1.24501	0.0811053	2.0142	2.0142	0.130595	0.553706	-1.80601	0.356958	1.40922	1.40922	0.365502	1.40025	1.40025	0.0195472	0.359977	-2.77795	0.479195	1.29753	1.29753	0.797561	0.911132	-1.09754	2.36479	4.91001	1.8456	1
cg14307300	TNXB	0.11987	0.0591553	0.321024	-3.11503	0.407912	0.636717	-1.57056	0.059269	0.321228	-3.11305	0.256917	0.532052	-1.87952	0.00853394	0.166992	-5.98832	0.111692	0.396989	-2.51896	0.346422	0.596259	-1.67712	0.0943446	0.375035	-2.66642	0.2983	0.562734	-1.77704	2.36479	10.6516	4.00376	1
cg11743438	GMPR	0.119873	0.053234	0.481276	-2.07781	0.141834	1.69208	1.69208	0.378594	1.35096	1.35096	0.0787652	1.91571	1.91571	0.13354	0.583398	-1.7141	0.297779	0.698076	-1.43251	0.376927	0.739395	-1.35246	0.274108	0.684576	-1.46076	0.38686	0.744254	-1.34363	2.36476	4.15304	1.56109	1
cg01960259	CELSR2	0.119877	0.829848	1.05011	1.05011	0.0643748	1.6034	1.6034	0.068349	1.58987	1.58987	0.213213	0.742432	-1.34693	0.433749	1.19899	1.19899	0.587584	1.13248	1.13248	0.0419862	0.587165	-1.7031	0.368084	0.810545	-1.23374	0.424302	1.20369	1.20369	2.36472	1.93324	0.726698	1
cg14422240	FTSJD2	0.119878	0.0283025	0.153179	-6.52833	0.549086	0.644501	-1.55159	0.429979	0.557799	-1.79276	0.161458	0.3384	-2.95508	0.036227	0.171253	-5.83931	0.378303	0.519442	-1.92514	0.0892242	0.257174	-3.88842	0.0302163	0.157784	-6.3378	0.0630547	0.219784	-4.54993	2.36471	19.6645	7.39183	1
cg16299576	XKR6	0.119884	0.537234	0.813959	-1.22856	0.0101427	0.343534	-2.91092	0.807194	1.08389	1.08389	0.612419	0.845077	-1.18332	0.660806	1.1566	1.1566	0.806824	1.08407	1.08407	0.033187	0.440281	-2.27128	0.172842	0.620047	-1.61278	0.125149	0.578745	-1.72788	2.36466	4.06552	1.52825	1
cg13403466	NSFL1C;NSFL1C;NSFL1C	0.119885	0.737541	1.16507	1.16507	0.00571347	0.19278	-5.18725	0.174615	0.518968	-1.9269	0.755923	0.867935	-1.15216	0.364193	0.654703	-1.52741	0.318317	0.625923	-1.59764	0.197118	1.85781	1.85781	0.320258	0.627176	-1.59445	0.337872	0.638396	-1.56642	2.36465	7.7278	2.90493	1
cg21853348	BDH1;BDH1;BDH1	0.119886	0.915912	0.951841	-1.0506	0.00531636	5.56455	5.56455	0.495843	1.38149	1.38149	0.503311	0.728026	-1.37358	0.210182	0.539501	-1.85356	0.71189	0.840837	-1.18929	0.299561	1.65273	1.65273	0.981526	1.01088	1.01088	0.393747	0.664812	-1.50418	2.36464	8.17904	3.07457	1
cg17582391	GSK3B;GSK3B	0.119887	0.778962	0.949091	-1.05364	0.158662	0.755944	-1.32285	0.0103401	0.548893	-1.82185	0.359282	1.19128	1.19128	0.580281	0.901481	-1.10929	0.861351	1.03299	1.03299	0.0484221	0.657881	-1.52003	0.474212	0.873586	-1.14471	0.394351	1.17586	1.17586	2.36464	1.29136	0.485435	1
cg21007971	PLA2G6;BAIAP2L2;PLA2G6	0.119891	0.503693	0.863161	-1.15853	0.147978	1.40013	1.40013	0.0596455	0.630705	-1.58553	0.812559	1.05286	1.05286	0.0210377	0.547795	-1.8255	0.286363	1.27136	1.27136	0.595018	1.12338	1.12338	0.213557	0.752748	-1.32847	0.706164	1.0856	1.0856	2.36459	1.76107	0.662013	1
cg11325950	PRDM16;PRDM16	0.119896	0.252793	0.802428	-1.24622	0.313628	1.21172	1.21172	0.839588	0.96334	-1.03806	0.0270033	0.617212	-1.62019	0.889579	1.02593	1.02593	0.544057	1.11981	1.11981	0.0531876	1.499	1.499	0.42197	1.16318	1.16318	0.109442	1.37935	1.37935	2.36455	1.2717	0.478059	1
cg19333201	PRKG1;PRKG1	0.119899	0.00826617	0.370558	-2.69863	0.65729	1.14026	1.14026	0.55194	0.837862	-1.19351	0.0596704	0.535409	-1.86773	0.0398044	0.497261	-2.01102	0.428417	0.788479	-1.26827	0.988491	0.995769	-1.00425	0.720773	0.899872	-1.11127	0.793411	0.925751	-1.0802	2.36453	3.23594	1.21648	1
cg08962243	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.119899	0.649333	0.836613	-1.1953	0.182626	1.73529	1.73529	0.0758156	2.15996	2.15996	0.804572	0.907906	-1.10144	0.113158	0.510745	-1.95792	0.0322175	0.376249	-2.65781	0.622829	0.82432	-1.21312	0.278193	1.55183	1.55183	0.324437	1.48672	1.48672	2.36453	5.68743	2.13805	1
cg11906607	GNG7	0.1199	0.178337	0.585361	-1.70835	0.915696	1.04045	1.04045	0.473273	0.760976	-1.3141	0.882676	1.05686	1.05686	0.0221652	0.358068	-2.79276	0.348879	0.696876	-1.43498	0.0167235	0.33494	-2.98561	0.237595	1.58933	1.58933	0.688526	0.859933	-1.16288	2.36452	5.25178	1.97429	1
cg09804616	KIAA1949;KIAA1949	0.119901	0.341321	0.62807	-1.59218	0.0672594	0.378042	-2.64521	0.155646	0.486447	-2.05572	0.0728183	0.387023	-2.58383	0.0952869	0.419221	-2.38538	0.0734292	0.387981	-2.57745	0.0154767	0.244414	-4.09141	0.197355	0.523927	-1.90866	0.0724912	0.386507	-2.58727	2.36451	8.42584	3.16752	1
cg21208157	RPL18	0.119902	0.0649393	0.608548	-1.64326	0.661972	0.899944	-1.11118	0.689448	0.908228	-1.10104	0.0263685	0.532013	-1.87965	0.0210442	0.514245	-1.9446	0.0725671	0.618723	-1.61623	0.0739436	0.620464	-1.6117	0.614246	0.885333	-1.12952	0.716073	0.916188	-1.09148	2.36451	2.15058	0.808467	1
cg05191397	TNRC18	0.119903	0.236747	0.523597	-1.90986	0.151356	2.23098	2.23098	0.856721	0.909981	-1.09892	0.224175	0.513517	-1.94735	0.0138179	0.204296	-4.89486	0.453755	0.671444	-1.48933	0.0633801	0.336324	-2.97333	0.564803	1.35497	1.35497	0.335683	0.595613	-1.67894	2.36449	10.202	3.83525	1
cg14324927	SLAIN2	0.119903	0.0567352	2.54462	2.54462	0.660828	1.21072	1.21072	0.597646	1.25944	1.25944	0.1565	0.51871	-1.92786	0.720849	1.16812	1.16812	0.0142198	0.269867	-3.70553	0.705298	0.848281	-1.17886	0.847748	1.08681	1.08681	0.308666	1.57824	1.57824	2.36449	7.02384	2.64049	1
cg15449181	RAB7A	0.119903	0.31986	0.826766	-1.20953	0.153	0.753354	-1.3274	0.30406	1.21773	1.21773	0.0907808	1.41174	1.41174	0.033387	0.631228	-1.58421	0.524573	1.12675	1.12675	0.83469	0.962064	-1.03943	0.286671	1.22723	1.22723	0.150643	0.751949	-1.32988	2.36449	1.28258	0.482162	1
cg26095658	FIGLA	0.119904	0.0550339	7.80824	7.80824	0.148995	4.31462	4.31462	0.377495	2.35246	2.35246	0.958421	1.05049	1.05049	0.192289	3.68315	3.68315	0.409268	0.450557	-2.21948	0.386563	0.432357	-2.3129	0.0122161	19.0962	19.0962	0.409497	2.21857	2.21857	2.36448	33.4206	12.5639	1
cg11076970	HLA-DOA	0.119906	0.70442	1.1621	1.1621	0.00952636	3.64888	3.64888	0.27976	0.642165	-1.55723	0.778598	1.11751	1.11751	0.179217	1.75488	1.75488	0.982808	0.991543	-1.00853	0.0963393	2.05382	2.05382	0.542757	1.27487	1.27487	0.0675677	2.24168	2.24168	2.36446	5.81833	2.18733	1
cg03915558	OSBPL6	0.119908	0.817396	1.0921	1.0921	0.164286	0.568185	-1.75999	0.0236987	0.357466	-2.79747	0.2453	1.58875	1.58875	0.710044	1.15289	1.15289	0.381366	1.4078	1.4078	0.378296	0.708679	-1.41108	0.0939485	0.495803	-2.01693	0.0745268	0.469142	-2.13155	2.36445	5.43432	2.04297	1
cg05040584	BAG3	0.119909	0.0407142	20.7986	20.7986	0.259916	4.52471	4.52471	0.573736	0.481835	-2.0754	0.0752149	12.7394	12.7394	0.396613	0.327904	-3.04967	0.15159	7.19613	7.19613	0.136904	7.83162	7.83162	0.639146	1.83426	1.83426	0.0277856	28.2383	28.2383	2.36444	61.7887	23.2289	1
cg06100552	MAGI1;MAGI1;MAGI1	0.119909	0.0227726	1.75219	1.75219	0.155307	1.36742	1.36742	0.142627	1.38305	1.38305	0.0613871	1.54298	1.54298	0.480815	1.1589	1.1589	0.810096	0.951666	-1.05079	0.393526	1.19705	1.19705	0.269035	0.789084	-1.26729	0.263522	0.786738	-1.27107	2.36444	1.58581	0.596172	1
cg20346912	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.119913	0.226816	1.34862	1.34862	0.466742	1.19072	1.19072	0.00364911	0.395829	-2.52634	0.776011	1.06955	1.06955	0.743633	0.925567	-1.08042	0.693284	0.910803	-1.09793	0.53538	0.862482	-1.15944	0.826519	0.949581	-1.0531	0.796558	1.06278	1.06278	2.3644	2.08024	0.782058	1
cg10584563	KPNA2	0.119914	0.339827	0.572723	-1.74604	0.17383	0.440539	-2.26994	0.0985151	0.358266	-2.79122	0.614461	1.33344	1.33344	0.0158795	0.187588	-5.33084	0.345077	0.576395	-1.73492	0.0409044	0.262649	-3.80737	0.375424	0.597267	-1.67429	0.0511821	0.284201	-3.51864	2.3644	12.02	4.51888	1
cg03960699	USP34	0.119915	0.655905	1.0828	1.0828	0.0944095	1.38559	1.38559	0.902178	1.02205	1.02205	0.998371	0.999638	-1.00036	0.134261	0.750937	-1.33167	0.265933	1.22829	1.22829	0.0304575	0.636906	-1.57009	0.301404	1.20915	1.20915	0.106451	1.36709	1.36709	2.36439	1.17818	0.442935	1
cg25612754	ADAP1	0.119916	0.230112	1.68126	1.68126	0.938678	1.03226	1.03226	0.0269308	2.94823	2.94823	0.831939	1.09165	1.09165	0.057208	0.411581	-2.42965	0.343607	0.668599	-1.49567	0.652659	1.20556	1.20556	0.0766626	2.2536	2.2536	0.588275	0.798095	-1.25298	2.36437	6.37585	2.39701	1
cg08995609	RIN1	0.119918	0.0345623	0.201234	-4.96933	0.171408	2.57868	2.57868	0.85228	1.12893	1.12893	0.192761	0.407894	-2.45162	0.381244	1.79363	1.79363	0.683745	1.30531	1.30531	0.0381028	0.209337	-4.77699	0.216601	0.429198	-2.32993	0.286261	0.486548	-2.0553	2.36436	15.8475	5.95792	1
cg14967972	PANK1	0.119919	0.236905	1.30443	1.30443	0.255863	1.28966	1.28966	0.0381755	1.67413	1.67413	0.431381	0.841785	-1.18795	0.0444327	1.64061	1.64061	0.516405	1.15155	1.15155	0.823421	1.0491	1.0491	0.064998	0.641219	-1.55953	0.993548	1.00174	1.00174	2.36435	1.72237	0.647533	1
cg07092985	RP1	0.119923	0.459192	1.20041	1.20041	0.0989749	1.55023	1.55023	0.146231	1.4594	1.4594	0.0264924	1.89184	1.89184	0.965226	0.989489	-1.01062	0.21614	1.37091	1.37091	0.0161824	2.04007	2.04007	0.594356	1.13914	1.13914	0.460204	0.833406	-1.1999	2.36432	2.19959	0.826957	1
cg26140020	C8orf31	0.119928	0.227717	0.675739	-1.47986	0.171705	0.637386	-1.56891	0.123926	1.67488	1.67488	0.140199	1.63432	1.63432	0.770469	0.913421	-1.09479	0.36125	0.747882	-1.33711	0.537378	0.82422	-1.21327	0.253481	0.691318	-1.44651	0.033211	2.16098	2.16098	2.36427	3.58778	1.34889	1
cg23169051	IFT57	0.119931	0.0321282	0.28631	-3.49271	0.035093	0.294263	-3.39832	0.0383571	0.302489	-3.30591	0.582066	0.758079	-1.31912	0.0332728	0.28944	-3.45495	0.269036	0.563512	-1.77459	0.824766	0.895389	-1.11683	0.937203	1.04004	1.04004	0.692411	0.820277	-1.2191	2.36424	9.29649	3.49522	1
cg17501712	ZNF444	0.119932	0.574074	0.871658	-1.14724	0.118968	1.50575	1.50575	0.288266	0.765941	-1.30558	0.521624	0.854615	-1.17012	0.108182	0.65449	-1.52791	0.584439	1.14291	1.14291	0.177925	1.41375	1.41375	0.157705	0.693933	-1.44106	0.029516	0.538002	-1.85873	2.36424	2.19048	0.823559	1
cg18813448	DBR1	0.119932	0.0972963	1.2573	1.2573	0.841067	0.975052	-1.02559	0.495259	1.09104	1.09104	0.865967	0.978968	-1.02148	0.0226308	0.709322	-1.4098	0.119012	0.808234	-1.23726	0.0790285	0.782401	-1.27812	0.441334	1.10384	1.10384	0.906959	1.01482	1.01482	2.36424	0.592869	0.222903	1
cg24880044	NFASC;NFASC;NFASC;NFASC;NFASC;NFASC	0.119935	0.123027	1.48268	1.48268	0.354707	1.25162	1.25162	0.77705	1.06921	1.06921	0.828211	1.05256	1.05256	0.952938	0.986184	-1.01401	0.456045	1.19596	1.19596	0.00298872	2.61176	2.61176	0.168109	1.41376	1.41376	0.589289	1.1371	1.1371	2.3642	2.0806	0.782261	1
cg04421971	EMX2OS	0.119936	0.0423749	0.156642	-6.38398	0.699653	0.73536	-1.35988	0.53283	0.605973	-1.65024	0.0704169	0.201192	-4.97038	0.117651	0.259894	-3.84772	0.0513224	0.172137	-5.80933	0.0290591	0.130023	-7.69094	0.125044	0.268034	-3.73087	0.0681108	0.197909	-5.05284	2.3642	23.544	8.85206	1
cg23782145	ATF6B;ATF6B	0.119937	0.234922	1.89743	1.89743	0.00491172	6.80285	6.80285	0.214701	1.95812	1.95812	0.635491	1.27847	1.27847	0.256955	1.83804	1.83804	0.310823	1.71514	1.71514	0.0741798	2.78333	2.78333	0.0710917	2.82158	2.82158	0.55017	1.36482	1.36482	2.36419	9.91076	3.72624	1
cg07268571	MAD1L1;MAD1L1;MAD1L1	0.119942	0.140499	1.34178	1.34178	0.0930932	0.709953	-1.40854	0.257253	0.803135	-1.24512	0.975247	0.994263	-1.00577	0.486652	0.877167	-1.14003	0.106239	0.72101	-1.38694	0.0337244	1.58378	1.58378	0.297897	0.81866	-1.22151	0.616483	0.910618	-1.09816	2.36414	1.28734	0.484024	1
cg25083781	HM13;HM13;HM13;HM13;HM13;HM13;HM13;HM13	0.119943	0.13	0.83998	-1.1905	0.0538917	1.26281	1.26281	0.136367	1.18661	1.18661	0.511041	0.931393	-1.07366	0.188516	1.16015	1.16015	0.998576	1.00019	1.00019	0.0683468	0.804461	-1.24307	0.862021	0.981623	-1.01872	0.231484	1.14318	1.14318	2.36414	0.425631	0.160032	1
cg04905079	ProSAPiP1	0.119944	0.507622	1.31184	1.31184	0.0115432	3.58075	3.58075	0.0313356	2.77284	2.77284	0.843504	1.08309	1.08309	0.312512	1.52482	1.52482	0.138142	1.90538	1.90538	0.0922134	2.11368	2.11368	0.0742706	2.23258	2.23258	0.2862	1.564	1.564	2.36413	6.10558	2.29563	1
cg10603290	TRIO	0.119944	0.0375913	0.29998	-3.33356	0.566406	1.33547	1.33547	0.917293	1.05321	1.05321	0.47352	1.43888	1.43888	0.0804512	0.379913	-2.63218	0.520561	1.38412	1.38412	0.196055	0.505404	-1.97861	0.0883586	2.55612	2.55612	0.155759	0.468573	-2.13414	2.36413	9.32825	3.50733	1
cg16666698	AP1G1;AP1G1	0.119946	0.991618	0.99907	-1.00093	0.739838	1.02995	1.02995	0.847159	0.983056	-1.01724	0.0448564	1.22619	1.22619	0.242621	1.11438	1.11438	0.280389	1.10448	1.10448	0.778724	1.02526	1.02526	0.0572432	1.20985	1.20985	0.00849379	1.34649	1.34649	2.36411	0.293662	0.110415	1
cg09581581	MANBAL;MANBAL	0.119947	0.254871	0.587539	-1.70201	0.0466292	0.360867	-2.77111	0.731006	0.856945	-1.16694	0.263354	1.68476	1.68476	0.0159111	0.266914	-3.74653	0.406959	0.68421	-1.46154	0.0918704	0.435974	-2.29371	0.590465	1.27512	1.27512	0.335628	0.641361	-1.55918	2.3641	7.49304	2.81734	1
cg09962824	CBS	0.11995	0.653009	0.832117	-1.20175	0.49003	0.752209	-1.32942	0.0143127	0.293314	-3.40932	0.734769	1.14808	1.14808	0.0220657	0.327956	-3.04919	0.469001	1.34875	1.34875	0.823105	1.09519	1.09519	0.576239	0.795093	-1.25771	0.106028	0.488263	-2.04808	2.36408	6.1747	2.32167	1
cg27209265	NARFL	0.11995	0.104351	0.719618	-1.38963	0.511497	0.883907	-1.13134	0.326512	0.828838	-1.20651	0.0903548	1.4132	1.4132	0.44495	1.15525	1.15525	0.897988	0.97651	-1.02406	0.0275519	0.616956	-1.62086	0.367154	0.842243	-1.18731	0.17168	1.30953	1.30953	2.36407	1.28595	0.483518	1
cg07992477	KRT86	0.119954	0.873789	1.03513	1.03513	0.0991858	0.675292	-1.48084	0.561923	1.13585	1.13585	0.170693	1.37285	1.37285	0.0157382	1.90188	1.90188	0.210892	0.75101	-1.33154	0.247209	1.30058	1.30058	0.593769	0.889638	-1.12405	0.622604	0.89785	-1.11377	2.36404	1.76651	0.664215	1
cg24004007	FBXL22	0.119955	0.0741857	0.318383	-3.14087	0.0583609	0.292167	-3.4227	0.155523	0.417195	-2.39696	0.609803	0.743727	-1.34458	0.0765058	0.321924	-3.10632	0.56557	0.71597	-1.39671	0.0117983	0.163834	-6.10374	0.111317	0.368715	-2.71212	0.133619	0.394292	-2.53619	2.36403	12.3888	4.65826	1
cg06872172	PRCC;PRCC	0.119955	0.0450571	0.2265	-4.41501	0.0169285	0.152424	-6.56066	0.865364	0.89621	-1.11581	0.614744	0.72057	-1.38779	0.0666078	0.264962	-3.77413	0.258162	0.466776	-2.14235	0.0295834	0.191267	-5.22829	0.557063	0.681473	-1.46741	0.232633	0.44564	-2.24397	2.36403	15.6123	5.8703	1
cg05640533	CARKD	0.119958	0.401028	0.678007	-1.47491	0.0502761	2.74253	2.74253	0.50582	0.736972	-1.3569	0.107953	0.452519	-2.20985	0.0274391	0.307501	-3.25202	0.177203	0.522886	-1.91246	0.26327	0.590233	-1.69425	0.80795	0.895751	-1.11638	0.19082	0.534609	-1.87053	2.36401	7.65197	2.87721	1
cg08834602	IRGC	0.119959	0.987941	1.0029	1.0029	0.0684794	1.47902	1.47902	0.304041	0.815244	-1.22663	0.308376	1.22424	1.22424	0.589911	0.900853	-1.11006	0.0374618	1.58933	1.58933	0.380797	1.18828	1.18828	0.389504	1.18438	1.18438	0.0583649	0.663345	-1.50751	2.364	1.3787	0.518405	1
cg15280358	ADAM12;ADAM12	0.119963	0.0728931	0.352159	-2.83963	0.025688	0.250983	-3.98433	0.0664103	0.341654	-2.92694	0.0503131	0.312247	-3.20259	0.055465	0.322266	-3.10302	0.16561	0.462361	-2.16281	0.0920735	0.380079	-2.63104	0.247437	0.532137	-1.87921	0.763343	0.85425	-1.17062	2.36396	10.1892	3.83129	1
cg21682382	TMEM39B	0.119963	0.0259515	0.645706	-1.54869	0.616271	1.0872	1.0872	0.62856	0.922507	-1.084	0.546019	1.10639	1.10639	0.380027	1.16068	1.16068	0.0968306	0.739639	-1.35201	0.177555	0.788907	-1.26758	0.0480315	0.688004	-1.45348	0.412105	1.14885	1.14885	2.36396	1.02511	0.385458	1
cg08777211	TSGA14	0.119966	0.890351	0.898945	-1.11241	0.00544501	0.0593604	-16.8462	0.0259721	0.129864	-7.70033	0.851915	1.15527	1.15527	0.504517	0.592702	-1.68719	0.502747	0.591377	-1.69097	0.471944	0.568301	-1.75963	0.876558	0.88687	-1.12756	0.918468	1.08229	1.08229	2.36393	22.3329	8.39765	1
cg08553136	PDZD2	0.119967	0.992253	0.997507	-1.0025	0.0496675	0.56232	-1.77835	0.0115837	2.25134	2.25134	0.865324	0.957297	-1.04461	0.782739	0.931401	-1.07365	0.900469	1.03269	1.03269	0.105971	1.57451	1.57451	0.871985	1.04233	1.04233	0.620022	1.13712	1.13712	2.36393	2.47461	0.930509	1
cg02457097	DNAJC6	0.119967	0.0583896	0.788626	-1.26803	0.0129122	1.40873	1.40873	0.213914	1.15638	1.15638	0.366823	0.902186	-1.10842	0.401006	0.908969	-1.10015	0.598683	1.06074	1.06074	0.643781	0.949612	-1.05306	0.809034	1.02725	1.02725	0.774931	1.03234	1.03234	2.36393	0.461542	0.17355	1
cg06914725	STOX2	0.119968	0.899742	0.977017	-1.02352	0.648059	0.918717	-1.08847	0.503657	0.882328	-1.13337	0.517934	1.12853	1.12853	0.0665949	1.46147	1.46147	0.786236	0.95109	-1.05142	0.00712794	1.89862	1.89862	0.756166	0.94416	-1.05914	0.330565	0.830933	-1.20347	2.36392	1.27404	0.479067	1
cg21341435	PTPRN2;PTPRN2;PTPRN2	0.11997	0.100602	0.612487	-1.63269	0.0276059	0.491656	-2.03394	0.922504	1.02688	1.02688	0.291116	1.34796	1.34796	0.264578	1.37292	1.37292	0.393753	0.788118	-1.26885	0.225685	1.41453	1.41453	0.887949	1.03917	1.03917	0.111372	1.60429	1.60429	2.3639	2.78145	1.0459	1
cg03602528	B9D1	0.119971	0.00519319	0.146998	-6.80282	?	?	?	0.433165	0.659857	-1.51548	0.896425	1.07004	1.07004	0.958955	0.973604	-1.02711	0.900304	0.936932	-1.06731	0.890661	1.07411	1.07411	0.295781	1.75685	1.75685	0.335845	1.67502	1.67502	2.38687	9.07828	3.80342	1
cg02851793	SRGN	0.119972	0.719874	1.16241	1.16241	0.415629	0.706312	-1.4158	0.011488	0.266777	-3.74846	0.244243	0.601041	-1.66378	0.791464	0.895171	-1.11711	0.0395863	0.369861	-2.70372	0.343466	1.50355	1.50355	0.985401	1.00768	1.00768	0.129952	0.50481	-1.98094	2.36389	6.53806	2.4585	1
cg18066197	CHFR;CHFR;CHFR;CHFR;CHFR	0.119974	0.767493	0.923989	-1.08226	0.803591	0.935715	-1.0687	0.348292	0.773002	-1.29366	0.410715	1.25145	1.25145	0.0149674	0.450373	-2.22038	0.859828	0.95398	-1.04824	0.174062	1.47045	1.47045	0.155955	1.49891	1.49891	0.101411	0.619888	-1.61319	2.36386	2.66173	1.0009	1
cg06524165	LOC100188949	0.119975	0.324182	0.739254	-1.35271	0.0472272	1.96147	1.96147	0.774455	0.918284	-1.08899	0.0442214	0.503683	-1.98538	0.058074	0.52962	-1.88815	0.607063	0.857342	-1.1664	0.376914	1.3087	1.3087	0.448679	0.795255	-1.25746	0.23494	0.69116	-1.44684	2.36386	3.29611	1.23945	1
cg05620787	CRHBP	0.119975	0.0585138	0.694091	-1.44073	0.723802	1.06249	1.06249	0.0150834	0.600351	-1.66569	0.823464	1.03891	1.03891	0.155998	0.771597	-1.29601	0.934129	1.01422	1.01422	0.601928	0.914012	-1.09408	0.0723529	0.709939	-1.40857	0.357626	1.17541	1.17541	2.36385	1.09268	0.410884	1
cg26489682	HMP19	0.119979	0.572562	1.17639	1.17639	0.696574	1.11812	1.11812	0.800418	1.07484	1.07484	0.279965	1.3771	1.3771	0.856215	1.05303	1.05303	0.250067	1.40838	1.40838	0.00659319	0.366044	-2.73191	0.162391	0.653809	-1.5295	0.651312	0.878432	-1.13839	2.36382	3.03868	1.14266	1
cg16590189	CPLX2;CPLX2	0.11998	0.331192	0.828127	-1.20754	0.107678	1.39127	1.39127	0.362564	1.19247	1.19247	0.164922	1.32135	1.32135	0.534663	0.888448	-1.12556	0.83968	0.962615	-1.03884	0.0185451	0.584469	-1.71095	0.663904	0.921052	-1.08571	0.176668	1.31017	1.31017	2.36381	1.32458	0.498096	1
cg26771434	LOC647309	0.119981	0.309486	0.893608	-1.11906	0.0280069	0.757579	-1.31999	0.0179293	0.735163	-1.36024	0.191893	1.15923	1.15923	0.928665	1.00962	1.00962	0.155925	0.850131	-1.17629	0.302803	0.892112	-1.12094	0.809679	0.974524	-1.02614	0.437354	0.918754	-1.08843	2.3638	0.428259	0.161043	1
cg17746031	KCNJ16;KCNJ16;KCNJ16	0.119985	0.0763431	0.573196	-1.7446	0.00978918	0.397779	-2.51396	0.131462	0.631533	-1.58345	0.2542	0.714583	-1.39942	0.101719	0.603097	-1.65811	0.922988	0.973077	-1.02767	0.416982	1.26381	1.26381	0.795169	0.9292	-1.07619	0.82818	1.06327	1.06327	2.36376	2.98243	1.12154	1
cg25894255	LTBR	0.119987	0.205828	0.754492	-1.32539	0.669435	0.913335	-1.09489	0.209917	0.756603	-1.3217	0.515477	1.14935	1.14935	0.0215143	0.558297	-1.79116	0.617608	1.11209	1.11209	0.103573	1.4561	1.4561	0.0850375	0.669008	-1.49475	0.319146	0.804672	-1.24274	2.36374	1.66804	0.627267	1
cg09080173	PEBP4	0.119988	0.399366	1.40803	1.40803	0.649174	1.19919	1.19919	0.306082	0.656855	-1.52241	0.779295	1.11787	1.11787	0.0102126	0.276806	-3.61264	0.297608	1.53459	1.53459	0.160027	1.81373	1.81373	0.687171	1.17417	1.17417	0.191179	1.73136	1.73136	2.36374	5.8891	2.21461	1
cg05898907	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.119989	0.845641	0.966785	-1.03436	0.0385718	1.51481	1.51481	0.315939	0.835525	-1.19685	0.833772	0.964234	-1.03709	0.347209	0.845565	-1.18264	0.242549	1.2361	1.2361	0.0682232	1.42458	1.42458	0.429957	1.14984	1.14984	0.0710293	0.705025	-1.41839	2.36373	1.12442	0.422843	1
cg12173620	PIH1D1;ALDH16A1;ALDH16A1	0.119989	0.934064	0.988541	-1.01159	0.853981	0.974667	-1.02599	0.0382916	1.39707	1.39707	0.730351	0.952955	-1.04937	0.504859	1.09883	1.09883	0.0130009	1.53612	1.53612	0.363446	0.87802	-1.13893	0.377166	1.13453	1.13453	0.249767	0.845755	-1.18238	2.36373	0.726207	0.273093	1
cg24888581	AGAP1;AGAP1	0.119989	0.61656	1.35181	1.35181	0.0254794	4.88052	4.88052	0.0469212	3.88877	3.88877	0.0928265	3.01669	3.01669	0.205145	2.22154	2.22154	0.235762	2.0999	2.0999	0.14664	2.53507	2.53507	0.051811	3.74845	3.74845	0.039242	4.15527	4.15527	2.36373	13.3466	5.01903	1
cg09373298	CHCHD6	0.119991	0.04316	0.566293	-1.76587	0.183828	0.708475	-1.41148	0.111583	0.654691	-1.52744	0.0726504	0.612922	-1.63153	0.0933831	0.636934	-1.57002	0.0176682	0.493913	-2.02465	0.499157	0.845616	-1.18257	0.082936	0.625446	-1.59886	0.125865	0.667089	-1.49905	2.36371	2.23664	0.841104	1
cg15658365	SYN1;SYN1	0.119992	0.281595	0.589279	-1.69699	0.178122	0.50854	-1.96641	0.420218	0.677604	-1.47579	0.522547	1.35836	1.35836	0.0138566	0.237595	-4.20884	0.331145	0.622582	-1.60621	0.0185168	0.259291	-3.85667	0.710032	1.19304	1.19304	0.420657	0.677864	-1.47522	2.3637	8.36133	3.14434	1
cg23202468	ZBTB47	0.119994	0.467098	1.23535	1.23535	0.718481	1.10893	1.10893	0.864857	1.04986	1.04986	0.686547	1.12285	1.12285	0.179096	1.50328	1.50328	0.540696	0.83787	-1.1935	0.0029714	3.20405	3.20405	0.215744	1.45082	1.45082	0.737221	1.10096	1.10096	2.36369	3.05399	1.14848	1
cg24497541	DHCR24;DHCR24	0.119996	0.599086	1.14402	1.14402	0.397903	1.24549	1.24549	0.584877	0.869437	-1.15017	0.143025	0.670841	-1.49067	0.809537	1.06316	1.06316	0.0600901	0.583969	-1.71242	0.0156144	0.471475	-2.121	0.213858	1.39368	1.39368	0.494572	0.838686	-1.19234	2.36367	2.40805	0.90558	1
cg23035602	ZNF761;LOC147804	0.119996	0.0379097	20.3917	20.3917	0.0790701	11.5008	11.5008	0.132466	7.64172	7.64172	0.20926	5.24793	5.24793	0.998782	0.99809	-1.00191	0.297255	3.87146	3.87146	0.0788784	11.5227	11.5227	0.0290011	25.1342	25.1342	0.0459992	17.5421	17.5421	2.36367	58.7402	22.09	1
ch.17.1008464f	CDK12;CDK12	0.119998	0.852886	0.946844	-1.05614	0.470249	1.24128	1.24128	0.132149	0.619933	-1.61308	0.010145	0.385137	-2.59648	0.721203	1.11119	1.11119	0.0333808	0.481166	-2.07828	0.321016	0.739568	-1.35214	0.308512	0.733352	-1.3636	0.803099	0.929126	-1.07628	2.36365	3.24105	1.21885	1
cg05932042	PLEKHH3	0.119999	0.188973	2.16332	2.16332	0.00802517	6.57595	6.57595	0.0528629	3.38759	3.38759	0.507884	1.45131	1.45131	0.136486	2.43395	2.43395	0.0914449	2.80271	2.80271	0.148828	2.35964	2.35964	0.112795	2.6041	2.6041	0.364401	1.67664	1.67664	2.36364	11.5091	4.32819	1
cg14936266	SH2D4A	0.12	0.0225911	0.531838	-1.88027	0.803891	1.05922	1.05922	0.0623352	1.62444	1.62444	0.213729	0.738785	-1.35357	0.237077	0.750932	-1.33168	0.12312	0.6796	-1.47145	0.440643	0.833732	-1.19943	0.356839	0.803209	-1.24501	0.206041	0.734582	-1.36132	2.36363	2.00175	0.752797	1
cg14159367	SEL1L	0.120001	0.111933	0.602985	-1.65842	0.757604	1.09469	1.09469	0.00982131	2.59569	2.59569	0.397384	1.2882	1.2882	0.280797	0.720643	-1.38765	?	?	?	0.859569	1.05312	1.05312	0.535596	0.832491	-1.20121	0.882036	0.957535	-1.04435	2.3866	2.86945	1.20232	1
cg26916109	TAF7L	0.120004	0.438917	0.847897	-1.17939	0.70119	0.922582	-1.08391	0.0567795	0.637234	-1.56928	0.225485	1.30479	1.30479	0.0179059	0.548061	-1.82461	0.842045	0.959158	-1.04258	0.921844	0.979699	-1.02072	0.388249	0.831259	-1.20299	0.116222	1.42872	1.42872	2.3636	1.63511	0.614925	1
cg19717943	C6orf10	0.120008	0.339989	0.862095	-1.15997	0.180088	0.806695	-1.23963	0.0304744	0.68132	-1.46774	0.620452	0.927442	-1.07823	0.0113858	0.620028	-1.61283	0.214886	0.821188	-1.21775	0.554893	1.0943	1.0943	0.776109	1.04396	1.04396	0.157616	0.796119	-1.25609	2.36356	0.852328	0.320544	1
cg11404380	APBB2;APBB2;APBB2	0.120008	0.697639	1.10166	1.10166	0.865886	1.04281	1.04281	0.0774107	1.62712	1.62712	0.0555115	1.71285	1.71285	0.393026	0.804944	-1.24232	0.524893	0.85233	-1.17325	0.182701	0.704221	-1.42001	0.261822	0.74814	-1.33665	0.0473942	1.75506	1.75506	2.36356	2.30202	0.865746	1
cg03354047	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.120009	0.630811	0.911499	-1.09709	0.445629	0.861752	-1.16043	0.540402	0.888157	-1.12593	0.192696	1.30192	1.30192	0.28059	1.2394	1.2394	0.0878735	1.43402	1.43402	0.00773874	1.92445	1.92445	0.920546	1.01928	1.01928	0.303871	1.22603	1.22603	2.36355	1.37089	0.515568	1
cg23163644	TCEAL2	0.12001	0.278576	0.482496	-2.07256	0.806604	0.853287	-1.17194	0.736443	0.803714	-1.24422	0.182617	2.49653	2.49653	0.0688035	3.73376	3.73376	0.277499	0.481645	-2.07622	0.752379	1.22721	1.22721	0.208398	2.35822	2.35822	0.0156909	6.79142	6.79142	2.36354	15.6635	5.89077	1
cg18412889	ALDH3B1;ALDH3B1;ALDH3B1	0.12001	0.189722	0.631205	-1.58427	0.524749	1.23802	1.23802	0.165734	0.612829	-1.63178	0.249473	1.48989	1.48989	0.0368623	0.447935	-2.23247	0.486014	1.26426	1.26426	0.362628	1.36335	1.36335	0.0804243	0.526046	-1.90097	0.13617	0.587483	-1.70218	2.36354	4.10755	1.54478	1
cg12020676	RNF17	0.120014	0.212894	0.743979	-1.34412	0.257711	0.766236	-1.30508	0.0524472	0.608245	-1.64407	0.0569725	0.615335	-1.62513	0.0178923	0.522682	-1.91321	0.59741	1.12767	1.12767	0.440528	1.19402	1.19402	0.839688	1.04672	1.04672	0.878039	0.965974	-1.03522	2.36351	1.9024	0.715472	1
cg15313226	C2orf88;C2orf88;C2orf88;C2orf88;C2orf88	0.120016	0.237902	1.43585	1.43585	0.289526	1.37945	1.37945	0.948261	1.01917	1.01917	0.376749	0.766894	-1.30396	0.0186922	0.434318	-2.30246	0.0439202	0.507857	-1.96906	0.908784	0.967019	-1.03411	0.268871	1.40067	1.40067	0.932368	0.975469	-1.02515	2.36349	3.20496	1.20536	1
cg27626424	LOR	0.12002	0.655242	0.787831	-1.26931	0.139978	2.3225	2.3225	0.270537	1.83815	1.83815	0.920325	1.05453	1.05453	0.682478	0.803916	-1.24391	0.790318	1.1519	1.1519	0.546085	1.38288	1.38288	0.00560713	0.145179	-6.88806	0.676436	0.800345	-1.24946	2.36346	10.5401	3.96411	1
cg20964023	SMEK1	0.12002	0.206152	1.32902	1.32902	0.0338062	1.69659	1.69659	0.290704	1.26349	1.26349	0.511769	0.867677	-1.1525	0.583298	1.12543	1.12543	0.0290155	0.577554	-1.73144	0.372288	0.822521	-1.21577	0.840867	0.958026	-1.04381	0.373207	1.21529	1.21529	2.36345	1.70302	0.640501	1
cg11293312	FUT1	0.120023	0.106462	0.381619	-2.62042	0.0806894	0.346933	-2.8824	0.0997811	0.373171	-2.67974	0.919797	1.05658	1.05658	0.0401425	0.273633	-3.65453	0.219444	0.493752	-2.02531	0.0308511	0.25019	-3.99695	0.0638215	0.320279	-3.12228	0.900751	1.07056	1.07056	2.36343	11.179	4.20442	1
cg11077026	IGSF9;IGSF9	0.120023	0.019882	0.284094	-3.51996	0.87721	0.933124	-1.07167	0.86599	1.07854	1.07854	0.660225	1.21901	1.21901	0.0659576	0.397123	-2.51811	0.118477	2.13558	2.13558	0.176656	0.525722	-1.90214	0.358853	1.52557	1.52557	0.429201	0.696781	-1.43517	2.36343	7.50164	2.82137	1
cg05531055	TOM1;TOM1;TOM1;TOM1;TOM1;TOM1	0.120025	0.392124	0.864272	-1.15704	0.260962	1.21538	1.21538	0.421944	1.14624	1.14624	0.0585701	0.700813	-1.42691	0.673468	1.07306	1.07306	0.973987	1.00544	1.00544	0.317977	0.842203	-1.18736	0.526763	1.1126	1.1126	0.0140863	1.65566	1.65566	2.36341	1.03614	0.389697	1
cg12386808	ZNF502;ZNF502;ZNF502;ZNF502	0.120028	0.0835781	0.585695	-1.70737	0.0224867	0.466011	-2.14587	0.983792	1.00569	1.00569	0.834784	1.06007	1.06007	0.275722	1.37264	1.37264	0.724656	0.905934	-1.10383	0.0621018	1.79807	1.79807	0.349482	1.30869	1.30869	0.812286	1.06871	1.06871	2.36338	2.92063	1.09847	1
cg04110164	TRIM26	0.120028	0.168625	0.728983	-1.37177	0.0432632	1.65038	1.65038	0.648106	0.905724	-1.10409	0.25408	0.773644	-1.29258	0.150421	0.717368	-1.39398	0.397333	0.829643	-1.20534	0.0426813	1.65338	1.65338	0.569663	0.883536	-1.13182	0.824784	0.953341	-1.04894	2.36338	1.73819	0.653748	1
cg03962458	FAM10A4	0.12003	0.952287	0.986527	-1.01366	0.050009	0.602517	-1.6597	0.446415	0.838675	-1.19236	0.350678	0.804324	-1.24328	0.280344	1.28967	1.28967	0.190829	1.36889	1.36889	0.030563	1.77901	1.77901	0.271628	0.771498	-1.29618	0.463354	0.844332	-1.18437	2.36337	1.92347	0.723439	1
cg22077701	SMARCA5	0.120031	0.363773	0.698591	-1.43145	0.750574	0.884649	-1.13039	0.0395155	2.49712	2.49712	0.0372136	0.39476	-2.53319	0.349423	0.690608	-1.448	0.907254	0.956198	-1.04581	0.810626	1.09665	1.09665	0.0873944	2.06524	2.06524	0.341381	1.45759	1.45759	2.36335	5.52835	2.07929	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04745771	EPPK1	0.120032	0.163158	0.565308	-1.76895	0.0231562	0.353318	-2.83032	0.0243079	0.357471	-2.79743	0.0777152	0.471749	-2.11977	0.364527	0.699732	-1.42912	0.139993	0.544175	-1.83765	0.0713462	0.462197	-2.16358	0.15546	0.558519	-1.79045	0.116	0.519637	-1.92442	2.36335	5.49635	2.06726	1
cg03309962	DCLK3	0.120032	0.465132	1.14227	1.14227	0.183109	1.28758	1.28758	0.044384	1.51162	1.51162	0.292641	1.21575	1.21575	0.154222	1.3138	1.3138	0.0918876	0.717453	-1.39382	0.0278431	1.59224	1.59224	0.632528	1.09003	1.09003	0.988868	1.0025	1.0025	2.36335	1.1985	0.450775	1
cg01777228	HAP1;HAP1;HAP1	0.120034	0.659665	0.884741	-1.13027	0.0414742	1.91496	1.91496	0.306278	1.34003	1.34003	0.0559841	0.549792	-1.81887	0.211487	1.4387	1.4387	0.28763	1.35673	1.35673	0.2553	1.38844	1.38844	0.0816467	1.70446	1.70446	0.232709	1.41313	1.41313	2.36333	2.85807	1.07497	1
cg08653184	EFCAB6;EFCAB6	0.120035	0.446906	0.947961	-1.0549	0.467216	0.95028	-1.05232	0.358567	1.06725	1.06725	0.237283	0.91819	-1.0891	0.120025	1.1233	1.1233	0.985869	0.99878	-1.00122	0.0181062	0.820474	-1.21881	0.174804	0.905298	-1.10461	0.205462	1.09646	1.09646	2.36332	0.177877	0.066903	1
cg05720751	MAEA;MAEA	0.120035	0.785857	1.05935	1.05935	0.121838	1.42621	1.42621	0.00605213	2.13604	2.13604	0.676408	1.09292	1.09292	0.291112	1.26101	1.26101	0.0430405	1.63699	1.63699	0.174915	1.35722	1.35722	0.974972	0.993381	-1.00666	0.872289	1.03464	1.03464	2.36332	1.67742	0.630911	1
cg21241902	NELF;NELF;NELF;NELF	0.120036	0.160556	2.56352	2.56352	0.0394437	4.46448	4.46448	0.815767	1.15786	1.15786	0.899742	1.08237	1.08237	0.124471	2.84229	2.84229	0.114813	2.93571	2.93571	0.0120807	7.13699	7.13699	0.122686	2.85882	2.85882	0.86442	0.89823	-1.1133	2.36332	14.7624	5.55242	1
cg22579482	C3orf39	0.120042	0.930753	0.975152	-1.02548	0.642162	0.873297	-1.14509	0.205538	0.679328	-1.47204	0.0572657	0.536505	-1.86392	0.551376	1.19063	1.19063	0.188204	0.667853	-1.49733	0.00795088	0.373372	-2.67829	0.833965	0.941039	-1.06265	0.427945	1.26403	1.26403	2.36326	3.13715	1.17997	1
cg14502172	NET1	0.120043	0.82783	1.0699	1.0699	0.0116484	2.65931	2.65931	0.234402	1.47206	1.47206	0.425267	0.776797	-1.28734	0.382041	0.75722	-1.32062	0.590436	0.844893	-1.18358	0.249221	0.68826	-1.45294	0.32977	0.73199	-1.36614	0.150397	1.61316	1.61316	2.36326	3.60171	1.35471	1
cg17559110	AP2A2	0.120045	0.372618	1.67614	1.67614	0.0267802	4.39521	4.39521	0.0113792	5.97546	5.97546	0.152864	2.37233	2.37233	0.869458	1.09725	1.09725	0.830693	1.12842	1.12842	0.0711529	3.11862	3.11862	0.189729	2.18973	2.18973	0.221446	2.06516	2.06516	2.36324	11.9172	4.48245	1
cg08369014	DTNB;DTNB;DTNB;DTNB;DTNB	0.120045	0.0308748	0.217303	-4.60187	0.285216	1.95118	1.95118	0.0746278	3.30657	3.30657	0.785511	1.17853	1.17853	0.239677	0.476434	-2.09893	0.354455	0.563453	-1.77477	0.298788	0.522815	-1.91272	0.474587	1.54945	1.54945	0.120835	0.363108	-2.754	2.36323	13.5728	5.10516	1
cg11947801	LMTK3	0.120045	0.00661862	0.260263	-3.84226	0.927554	0.96587	-1.03534	0.635682	0.833407	-1.19989	0.34756	0.691199	-1.44676	?	?	?	0.585115	0.810169	-1.23431	0.0943399	0.495462	-2.01832	0.450934	1.34086	1.34086	0.526094	1.27802	1.27802	2.3862	4.89841	2.05281	1
cg19565396	CDYL	0.120047	0.0992786	0.278252	-3.59387	0.0862413	0.261346	-3.82635	0.050494	0.206382	-4.84538	0.102203	0.281886	-3.54753	0.0894945	0.265681	-3.76392	0.0447089	0.195633	-5.11161	0.0831776	0.257185	-3.88825	0.0425058	0.191334	-5.22645	0.146508	0.331752	-3.0143	2.36322	18.7595	7.0561	1
cg07078960	COMMD8	0.120047	0.560508	1.17988	1.17988	0.423041	1.25856	1.25856	0.457	1.23723	1.23723	0.0240122	0.469268	-2.13098	0.535048	0.838162	-1.19309	0.267259	0.722673	-1.38375	0.346367	1.31327	1.31327	0.187742	0.67549	-1.48041	0.0590212	1.82059	1.82059	2.36321	2.95596	1.11184	1
cg22628064	RPS10P7	0.120049	0.189182	0.705647	-1.41714	0.907241	1.02965	1.02965	0.0831979	0.618324	-1.61727	0.635295	0.887136	-1.12722	0.0159345	0.477196	-2.09558	0.484287	1.19501	1.19501	0.550376	1.16352	1.16352	0.123414	0.658172	-1.51936	0.064524	0.594221	-1.68288	2.3632	2.35146	0.884473	1
cg14586939	NPY2R;NPY2R	0.12005	0.183109	0.269273	-3.7137	0.0568544	7.40285	7.40285	0.981782	1.02143	1.02143	0.406186	0.454172	-2.20181	0.22919	0.309742	-3.22849	0.362586	2.3849	2.3849	0.872169	0.861081	-1.16133	0.0469277	8.26925	8.26925	0.08312	5.94167	5.94167	2.36319	32.2891	12.1452	1
cg17383449	FLJ30058	0.120051	0.0970852	2.92626	2.92626	0.679856	0.782963	-1.2772	0.830767	0.881442	-1.1345	0.129126	0.380256	-2.62981	0.0752806	0.31106	-3.21481	0.663485	0.772487	-1.29452	0.346613	1.77087	1.77087	0.0294223	4.53749	4.53749	0.66061	1.29761	1.29761	2.36318	13.0124	4.89449	1
cg01981268	RPH3AL	0.120054	0.657869	1.0908	1.0908	0.147077	1.35447	1.35447	?	?	?	0.0979941	1.42466	1.42466	0.903233	0.976563	-1.024	0.525631	0.882137	-1.13361	0.0618339	1.50695	1.50695	0.0377385	0.625067	-1.59983	0.978302	0.994711	-1.00532	2.38611	1.27722	0.535273	1
cg16212074	CREB3L3	0.120056	0.0838962	0.167472	-5.97115	0.37567	0.42767	-2.33825	0.844761	0.832645	-1.20099	0.470289	0.503483	-1.98616	0.0424013	0.112623	-8.87914	0.324466	0.386497	-2.58734	0.0108796	0.0504397	-19.8256	0.161315	0.247209	-4.04516	0.0526206	0.127653	-7.83376	2.36314	32.666	12.2872	1
cg26564730	RPP21	0.120058	0.127346	0.844768	-1.18376	0.0283218	0.767304	-1.30327	0.0173179	0.743359	-1.34524	0.463522	0.926498	-1.07933	0.608656	0.948535	-1.05426	0.672874	1.04441	1.04441	0.269558	0.889017	-1.12484	0.303626	1.11518	1.11518	0.245367	0.883095	-1.13238	2.36312	0.391807	0.147379	1
cg18220560	GEN1;SMC6;SMC6;GEN1	0.120058	0.0337743	0.248685	-4.02115	0.2695	0.524391	-1.90697	0.227823	0.49133	-2.03529	0.233604	0.496071	-2.01584	0.244165	0.504593	-1.98179	0.470374	0.66216	-1.51021	0.00815509	0.149439	-6.69168	0.054265	0.293418	-3.4081	0.292292	0.54153	-1.84662	2.36312	11.7943	4.43644	1
cg27074995	JAK3	0.120063	0.593642	1.13117	1.13117	0.338829	0.798018	-1.25311	0.430409	1.20224	1.20224	0.0468124	1.68346	1.68346	0.0567566	0.6105	-1.638	0.265089	0.766596	-1.30447	0.535231	1.15454	1.15454	0.17135	0.716566	-1.39555	0.150303	1.42314	1.42314	2.36308	1.96005	0.737289	1
cg02045451	ALOX5	0.120066	0.699116	1.0862	1.0862	0.543562	0.877315	-1.13984	0.371008	0.82238	-1.21598	0.707702	0.922946	-1.08349	0.382087	1.21026	1.21026	0.42252	0.839953	-1.19054	0.00730516	2.0884	2.0884	0.704712	0.922145	-1.08443	0.117981	0.696715	-1.43531	2.36305	1.69613	0.638019	1
cg06622892	RAI14;RAI14;RAI14	0.12007	0.994649	1.00199	1.00199	0.266639	1.40884	1.40884	0.3344	0.744649	-1.34291	0.585853	0.849642	-1.17697	0.0387715	0.492275	-2.03138	0.678122	1.13157	1.13157	0.988204	0.995631	-1.00439	0.0131181	2.48693	2.48693	0.875812	1.04741	1.04741	2.36301	3.28253	1.23478	1
cg01973139	LOC729467	0.120072	0.120913	0.440215	-2.27162	0.870941	0.923745	-1.08255	0.667488	0.809904	-1.23471	0.576082	0.759139	-1.31728	0.0043309	0.155634	-6.42532	0.237191	0.546549	-1.82966	0.0786975	0.385719	-2.59256	0.205632	0.521325	-1.91819	0.241978	0.550219	-1.81746	2.363	8.90678	3.35046	1
cg14038731	DDO;DDO	0.120072	0.0546912	0.437284	-2.28684	0.71575	1.1489	1.1489	0.126498	0.53398	-1.87273	0.0241128	0.360303	-2.77544	0.0224297	0.354136	-2.82378	0.443957	0.743623	-1.34477	0.898275	0.952616	-1.04974	0.323573	0.679114	-1.47251	0.138048	0.545472	-1.83327	2.363	5.3912	2.02801	1
cg04726013	LHPP;LHPP	0.120072	0.731949	0.935391	-1.06907	0.56124	1.12088	1.12088	0.632272	0.910598	-1.09818	0.65458	0.916238	-1.09142	0.791934	0.949939	-1.0527	0.070147	1.48183	1.48183	0.00876273	1.91278	1.91278	0.994319	0.998618	-1.00138	0.16147	0.747919	-1.33704	2.36299	1.41218	0.531221	1
cg15089111	NPAS3;NPAS3;NPAS3;NPAS3	0.120073	0.578631	1.24963	1.24963	0.607915	0.814194	-1.22821	0.415596	0.718547	-1.3917	0.535223	0.779248	-1.28329	0.289548	1.54755	1.54755	0.512456	1.30197	1.30197	0.00890283	3.7512	3.7512	0.140466	1.87739	1.87739	0.192138	0.577868	-1.7305	2.36299	5.90501	2.2213	1
cg23414759	EXOC4	0.120074	0.906126	0.973749	-1.02696	0.890287	0.969358	-1.03161	0.709901	0.919195	-1.08791	0.422309	0.83125	-1.20301	0.0229219	0.541372	-1.84716	0.0930947	1.51676	1.51676	0.0412938	1.70025	1.70025	0.405948	1.21133	1.21133	0.785711	0.940398	-1.06338	2.36298	1.90288	0.715814	1
cg07164266	COMMD2;COMMD2	0.120075	0.629623	0.950649	-1.05191	0.326141	0.899795	-1.11136	0.121629	1.19098	1.19098	0.953655	1.00607	1.00607	0.197312	1.15252	1.15252	0.233155	1.13906	1.13906	0.661787	1.04691	1.04691	0.201901	1.15067	1.15067	0.00704933	1.43727	1.43727	2.36297	0.405955	0.15271	1
cg04422896	C12orf43	0.120077	?	?	?	0.585922	0.723617	-1.38195	0.0320019	5.84544	5.84544	0.0534323	4.40545	4.40545	0.674428	0.780851	-1.28065	?	?	?	0.184167	0.416202	-2.40268	0.773431	1.18345	1.18345	0.281026	1.97557	1.97557	3.53039	12.8154	2.0743	1
cg05736186	PPFIBP2	0.120077	0.085184	0.613379	-1.63031	0.0364142	1.86749	1.86749	0.440144	1.22407	1.22407	0.436183	1.22631	1.22631	0.914735	1.02789	1.02789	0.159773	1.47077	1.47077	0.0608548	1.72058	1.72058	0.100623	1.58704	1.58704	0.70422	0.906692	-1.10291	2.36295	2.46832	0.928525	1
cg00693994	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.120077	0.387607	0.596984	-1.67509	0.0320915	0.231632	-4.3172	0.731774	0.818375	-1.22193	0.083945	3.04661	3.04661	0.231228	0.481163	-2.0783	0.839182	1.12566	1.12566	0.490424	0.66493	-1.50392	0.0695697	3.26215	3.26215	0.35433	1.74212	1.74212	2.36295	12.6999	4.77741	1
cg25675349	TEX264;TEX264;TEX264	0.120079	0.4228	0.864384	-1.15689	0.0127694	1.7344	1.7344	0.250181	1.23849	1.23849	0.646856	1.08557	1.08557	0.893698	0.976483	-1.02408	0.146248	0.757585	-1.31998	0.200557	0.786113	-1.27208	0.368747	0.848467	-1.1786	0.331265	1.19535	1.19535	2.36293	1.18574	0.446052	1
cg14686645	ITGA2B	0.120079	0.0974189	2.60811	2.60811	0.536815	1.39045	1.39045	0.829455	0.892533	-1.12041	0.712789	1.21515	1.21515	0.11919	0.410138	-2.4382	0.133167	2.34872	2.34872	0.0242227	4.12075	4.12075	0.0739208	2.85715	2.85715	0.274014	1.82197	1.82197	2.36293	10.3957	3.91068	1
cg22673380	SLC12A7	0.120084	0.848945	0.860854	-1.16164	0.327282	0.451749	-2.21362	0.113302	0.258178	-3.8733	0.252319	0.390778	-2.559	0.00465199	0.05194	-19.253	0.708866	0.744739	-1.34275	0.0481377	0.16952	-5.89901	0.506316	0.588691	-1.69869	0.626263	0.680013	-1.47056	2.36289	23.1067	8.69245	1
cg01907466	TP53RK	0.120086	0.450842	1.15714	1.15714	0.152486	1.33797	1.33797	0.282509	0.808839	-1.23634	0.576994	0.89848	-1.11299	0.092554	0.703517	-1.42143	0.326621	0.82498	-1.21215	0.640521	1.09346	1.09346	0.0152091	1.76189	1.76189	0.954155	1.01098	1.01098	2.36287	1.35062	0.508091	1
cg18151425	BMP10	0.120091	0.787243	0.919635	-1.08739	0.21277	0.666045	-1.5014	0.0611888	0.520308	-1.92194	0.0168538	0.405339	-2.46707	0.0547648	0.509319	-1.9634	0.246355	0.686985	-1.45564	0.52901	1.21837	1.21837	0.0732386	0.538664	-1.85644	0.842692	0.940321	-1.06347	2.36283	3.58914	1.35023	1
cg06795216	LOC121838	0.120093	0.555362	0.829216	-1.20596	0.180965	0.640231	-1.56194	0.0138468	0.38486	-2.59835	0.678959	0.877512	-1.13959	0.322587	1.37821	1.37821	0.781846	0.916539	-1.09106	0.0646752	1.9184	1.9184	0.283126	0.704604	-1.41924	0.701703	1.12843	1.12843	2.36281	3.68847	1.3876	1
cg13703437	FYB;FYB	0.120093	0.0226104	0.173254	-5.77188	0.471985	0.625137	-1.59965	0.509192	0.650523	-1.53723	0.436533	0.600684	-1.66477	0.0087498	0.117125	-8.53789	0.862172	1.11805	1.11805	0.206143	0.424726	-2.35446	0.974659	0.97981	-1.02061	0.119777	0.338294	-2.95601	2.3628	15.4298	5.8047	1
cg19245120	EPHA4	0.120095	0.16124	0.441525	-2.26488	0.0442354	0.282863	-3.53528	0.0456837	0.285972	-3.49685	0.241149	0.511486	-1.95509	0.0439602	0.282265	-3.54277	0.989073	1.00751	1.00751	0.038636	0.270161	-3.7015	0.921099	0.947305	-1.05563	0.0955485	0.367703	-2.71959	2.36279	11.1721	4.20299	1
cg07736115	F7;F7	0.120098	0.130738	0.348122	-2.87256	0.136049	0.353928	-2.82543	0.172692	0.39126	-2.55584	0.126649	0.343569	-2.91063	0.0284173	0.187766	-5.32578	0.0487728	0.233355	-4.28533	0.0492723	0.234311	-4.26783	0.22865	0.441775	-2.2636	0.0389656	0.213235	-4.68965	2.36277	15.646	5.88612	1
cg05896524	C21orf56;C21orf56	0.120099	0.0348356	0.102234	-9.78147	0.628549	1.57142	1.57142	0.0785437	0.16338	-6.12069	0.297672	2.72098	2.72098	0.318999	2.59834	2.59834	0.133925	0.22342	-4.47588	0.064928	0.14635	-6.83293	0.289461	0.360794	-2.77166	0.486558	0.519194	-1.92606	2.36276	32.1685	12.1021	1
cg16276063	SOX2OT	0.120101	0.175123	0.229705	-4.3534	0.0272229	0.0695335	-14.3816	0.700292	0.673989	-1.4837	0.931807	1.09123	1.09123	0.0670739	0.123236	-8.11449	0.690915	1.50332	1.50332	0.0313464	0.0760728	-13.1453	0.108196	0.167346	-5.97565	0.102686	0.161794	-6.18069	2.36274	38.9372	14.6486	1
cg18385501	GRB2;GRB2	0.120102	0.385267	0.905182	-1.10475	0.0444015	0.772295	-1.29484	0.974113	0.996375	-1.00364	0.78533	0.969907	-1.03103	0.89817	0.985773	-1.01443	0.246156	1.14538	1.14538	0.0942405	1.22862	1.22862	0.0915787	1.2311	1.2311	0.0712568	1.25293	1.25293	2.36273	0.468685	0.176325	1
cg21052814	RASGRF1;RASGRF1	0.120103	0.0340572	3.535	3.535	0.058246	2.98172	2.98172	0.100755	2.50325	2.50325	0.34081	1.6505	1.6505	0.262645	1.81514	1.81514	0.0932785	2.56612	2.56612	0.0258502	3.85981	3.85981	0.0506994	3.11584	3.11584	0.55609	1.35516	1.35516	2.36272	9.75039	3.66823	1
cg07805500	MTHFD1L	0.120105	0.227859	0.69234	-1.44438	0.157534	0.644675	-1.55117	0.0349355	0.489715	-2.042	0.865175	0.951836	-1.0506	0.0205536	0.444661	-2.24891	0.869371	1.04897	1.04897	0.734795	0.905957	-1.1038	0.812083	1.07163	1.07163	0.0317293	0.481258	-2.07789	2.3627	3.15723	1.18781	1
cg24713770	VWA5B1	0.120105	0.748169	1.11565	1.11565	0.988367	1.00497	1.00497	0.0266077	0.409519	-2.44189	0.967986	1.01373	1.01373	0.0741715	0.508647	-1.966	0.229239	0.651392	-1.53517	0.175051	1.63232	1.63232	0.0857718	1.90622	1.90622	0.958446	0.982454	-1.01786	2.3627	4.3191	1.62492	1
cg26591553	GRK6;GRK6;GRK6	0.120106	0.987261	0.996079	-1.00394	0.0260109	0.522015	-1.91565	0.246203	0.742014	-1.34768	0.205473	1.3891	1.3891	0.525457	0.853585	-1.17153	0.0420397	0.561905	-1.77966	0.11373	0.654809	-1.52716	0.382178	0.802106	-1.24672	0.0824451	0.622939	-1.60529	2.3627	2.26533	0.852259	1
cg25018458	ABR;ABR;ABR	0.120107	0.371877	0.665468	-1.5027	0.0231905	0.299507	-3.33882	0.880385	0.935298	-1.06918	0.311981	1.59141	1.59141	0.0593414	0.388454	-2.57431	0.293736	0.61644	-1.62222	0.855019	0.921965	-1.08464	0.0910894	2.28583	2.28583	0.336818	0.644105	-1.55254	2.36269	7.3838	2.77793	1
cg05904901	FBXO41	0.120107	0.833254	1.09389	1.09389	0.0689467	0.420463	-2.37833	0.368756	1.48137	1.48137	0.460509	0.726261	-1.37691	0.0136654	0.272993	-3.66309	0.20273	0.564146	-1.77259	0.274546	0.616341	-1.62248	0.189534	1.80682	1.80682	0.641438	0.819023	-1.22097	2.36268	6.78065	2.55101	1
cg14800197	GLI2	0.120108	0.17787	0.656106	-1.52414	0.216264	0.681801	-1.4667	0.923924	0.972278	-1.02851	0.167682	0.648655	-1.54165	0.00622115	0.350006	-2.85709	0.541834	0.833794	-1.19934	0.0399232	0.497071	-2.01179	0.83552	0.940639	-1.06311	0.949541	1.0188	1.0188	2.36268	3.24199	1.21971	1
cg26261553	ANKLE2	0.120108	0.628815	0.726646	-1.37619	0.025227	5.72333	5.72333	0.0807382	3.55955	3.55955	0.39614	1.76764	1.76764	0.0411957	0.213517	-4.68348	0.840806	1.14093	1.14093	0.821781	0.862516	-1.1594	0.379204	1.8065	1.8065	0.646312	0.738674	-1.35378	2.36267	16.0808	6.04993	1
cg25110734	PDGFRB	0.12011	0.287423	0.519635	-1.92443	0.00949128	0.142602	-7.01251	0.0112727	0.1524	-6.56167	0.46474	0.643409	-1.55422	0.304399	0.532388	-1.87833	0.436295	0.624574	-1.60109	0.647135	0.760977	-1.3141	0.225124	0.469976	-2.12777	0.66228	0.770688	-1.29754	2.36265	13.1437	4.945	1
cg11953015	KCNIP1;KCNIP1;KCNIP1	0.120113	0.495452	1.18133	1.18133	0.0200172	0.508764	-1.96555	0.144407	0.685589	-1.4586	0.790707	1.06613	1.06613	0.235978	1.3485	1.3485	0.375743	0.803432	-1.24466	0.0864958	1.5776	1.5776	0.367862	0.800358	-1.24944	0.388374	0.808283	-1.23719	2.36263	2.16901	0.816042	1
cg11993322	TUSC1;TUSC1	0.120116	0.0506654	0.420837	-2.37622	0.111021	0.509257	-1.96364	0.139609	0.539099	-1.85495	0.0830675	0.474338	-2.1082	0.0862983	0.478767	-2.0887	0.135324	0.534908	-1.86948	0.0129816	0.301721	-3.31432	0.214803	0.601976	-1.6612	0.170806	0.567308	-1.76271	2.3626	5.65255	2.12668	1
cg17446896	HIST1H4L	0.120118	0.453353	0.564076	-1.77281	0.525189	1.6203	1.6203	0.0183596	8.54134	8.54134	0.316397	2.17365	2.17365	0.201858	0.36416	-2.74604	0.0653991	4.71275	4.71275	0.462678	0.570988	-1.75135	0.134575	3.35113	3.35113	0.928311	0.934773	-1.06978	2.36259	21.0237	7.90983	1
cg11602546	INTS4	0.120118	0.415233	1.53392	1.53392	0.868791	0.918571	-1.08865	0.286147	0.566055	-1.76661	0.432316	1.50937	1.50937	0.97186	1.01829	1.01829	0.259968	0.546804	-1.82881	0.00547638	0.153121	-6.53078	0.497323	1.42476	1.42476	0.424701	1.52018	1.52018	2.36258	9.87562	3.71556	1
cg07596106	GREB1	0.120119	0.0528231	0.720301	-1.38831	0.463559	0.894746	-1.11764	0.34721	1.15521	1.15521	0.245979	0.834544	-1.19826	0.993433	0.998774	-1.00123	0.423465	1.1296	1.1296	0.0687462	1.35482	1.35482	0.844931	0.971232	-1.02962	0.0379053	0.698505	-1.43163	2.36258	0.831444	0.31282	1
cg17711365	LOC339524	0.12012	0.949003	1.02848	1.02848	0.947988	1.02906	1.02906	0.0384529	2.86586	2.86586	0.752125	0.870134	-1.14925	0.239236	0.582109	-1.71789	0.110045	2.14834	2.14834	0.629762	1.2377	1.2377	0.0131682	3.85542	3.85542	0.9275	0.960832	-1.04076	2.36257	7.21221	2.7135	1
cg01950058	PION	0.120121	0.0648806	0.645473	-1.54925	0.409866	1.19479	1.19479	0.148329	1.38736	1.38736	0.346394	0.814848	-1.22722	0.279382	1.26804	1.26804	0.0309837	1.7071	1.7071	0.165957	1.36609	1.36609	0.499576	0.865265	-1.15572	0.868806	0.965695	-1.03552	2.36256	1.66841	0.627722	1
cg15391504	GPR115	0.120122	0.618612	1.34275	1.34275	0.9301	1.05287	1.05287	0.658482	0.770105	-1.29852	0.107373	0.356288	-2.80672	0.051884	0.272789	-3.66584	0.106193	0.354827	-2.81828	0.0134292	0.165686	-6.03552	0.436961	0.62771	-1.59309	0.0875852	0.330414	-3.0265	2.36255	12.9039	4.85499	1
cg23966361	RFNG	0.120123	0.319515	0.815125	-1.22681	0.0944135	0.693959	-1.44101	0.0333207	0.610026	-1.63928	0.0265972	1.68577	1.68577	0.524555	1.13671	1.13671	0.792246	0.948897	-1.05386	0.977804	0.994487	-1.00554	0.785586	1.05568	1.05568	0.610066	0.902846	-1.10761	2.36255	1.47745	0.555879	1
cg06747888	TBR1	0.120126	0.120513	0.301837	-3.31305	0.140772	3.08631	3.08631	0.605522	1.44861	1.44861	0.17272	0.356213	-2.80731	0.342515	0.498749	-2.00502	0.218681	0.398411	-2.50997	0.0149015	0.118834	-8.4151	0.617406	0.698905	-1.43081	0.162641	0.346362	-2.88715	2.36252	18.9327	7.12334	1
cg02654859	F10	0.120126	0.442158	0.861013	-1.16142	0.703209	1.07583	1.07583	0.0321305	0.61922	-1.61493	0.655563	1.08951	1.08951	0.334573	1.20929	1.20929	0.848903	0.964234	-1.03709	0.0567752	1.50942	1.50942	0.0531874	0.657396	-1.52115	0.468871	0.868731	-1.1511	2.36252	1.36437	0.513339	1
cg07570113	LOC644649	0.120127	0.86873	1.1074	1.1074	0.09298	0.31986	-3.12637	0.0469817	0.246027	-4.06459	0.900017	1.08061	1.08061	0.152314	0.388424	-2.57451	0.590172	1.39842	1.39842	0.0140998	0.154331	-6.47957	0.806426	1.16348	1.16348	0.185676	0.420836	-2.37622	2.36251	14.2325	5.35495	1
cg02994974	SPON1	0.120131	0.874675	1.01595	1.01595	0.216104	1.13937	1.13937	0.75015	0.968486	-1.03254	0.414957	1.0871	1.0871	0.532424	1.06543	1.06543	0.599652	1.05452	1.05452	0.0533168	0.802505	-1.2461	0.21071	0.876182	-1.14132	0.0164882	1.34132	1.34132	2.36247	0.375867	0.141421	1
cg02153871	HARS2;HARS	0.120136	0.24713	0.782265	-1.27834	0.313305	0.809268	-1.23568	0.84319	1.04101	1.04101	0.771199	1.06096	1.06096	0.108142	1.42716	1.42716	0.00743999	0.496854	-2.01267	0.408856	1.18698	1.18698	0.736971	0.933884	-1.0708	0.994467	1.00141	1.00141	2.36243	1.54065	0.579687	1
cg23987548	GRB2;GRB2	0.120138	0.0349961	0.435739	-2.29495	0.272519	0.679649	-1.47135	0.599755	0.836071	-1.19607	0.070352	1.9817	1.9817	0.193962	1.59154	1.59154	0.452283	1.29553	1.29553	0.078029	0.51577	-1.93885	0.754152	1.11207	1.11207	0.848404	0.93734	-1.06685	2.36241	4.27782	1.60959	1
cg22921760	SALL2	0.120141	0.0635766	0.363788	-2.74885	0.0332183	0.299163	-3.34266	0.722728	0.841378	-1.18853	0.94528	0.967271	-1.03384	0.050697	0.339807	-2.94285	0.300533	0.594473	-1.68216	0.0179826	0.248172	-4.02946	0.142932	0.466125	-2.14535	0.414326	0.667283	-1.49861	2.36238	8.79342	3.30869	1
cg09877215	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.120143	0.0389275	2.02543	2.02543	0.864104	0.950682	-1.05188	0.411846	1.28112	1.28112	0.563411	0.841591	-1.18823	0.0174087	2.35091	2.35091	0.651319	1.14376	1.14376	0.207019	1.48124	1.48124	0.0319611	2.10017	2.10017	0.637348	1.15049	1.15049	2.36236	3.26129	1.22713	1
cg21056992	ANKLE1	0.120143	0.0272401	0.537088	-1.86189	0.256976	0.754706	-1.32502	0.367244	0.802258	-1.24648	0.428475	0.825071	-1.21202	0.00843362	0.449238	-2.22599	0.473921	0.840931	-1.18916	0.0618604	0.606405	-1.64906	0.94571	0.983931	-1.01633	0.29487	0.772272	-1.29488	2.36236	2.11707	0.796594	1
cg04811526	TIMM44	0.120145	0.0584655	0.751599	-1.3305	0.527111	1.08936	1.08936	0.0852508	1.28935	1.28935	0.29117	0.863897	-1.15754	0.55407	0.923172	-1.08322	0.520819	0.916741	-1.09082	0.665845	0.943619	-1.05975	0.349554	1.13726	1.13726	0.031674	1.39996	1.39996	2.36235	0.667468	0.25115	1
cg12711059	FAM189A1	0.120146	0.0300661	0.283216	-3.53088	0.556487	0.745212	-1.3419	0.41334	0.661326	-1.51211	0.792689	1.1391	1.1391	0.0666926	0.361824	-2.76378	0.09838	0.408092	-2.45043	0.0128872	0.217253	-4.60294	0.213707	0.523416	-1.91053	0.386216	0.644548	-1.55147	2.36234	9.14705	3.4418	1
cg18795395	GNG12	0.120148	0.954759	0.980479	-1.01991	0.719422	0.882188	-1.13354	0.680316	1.15485	1.15485	0.36382	0.723045	-1.38304	0.00272933	0.237485	-4.21079	0.697461	0.873062	-1.14539	0.960234	1.01748	1.01748	0.418029	1.33318	1.33318	0.982755	1.00754	1.00754	2.36232	4.5176	1.69987	1
cg18753841	TRIM66	0.120148	0.48666	1.44362	1.44362	0.0442845	3.32074	3.32074	0.0227781	4.11945	4.11945	0.663419	0.796548	-1.25542	0.486645	0.692693	-1.44364	0.687905	0.810775	-1.23339	0.447664	0.668977	-1.49482	0.105281	2.50768	2.50768	0.126975	2.3571	2.3571	2.36232	10.0959	3.79885	1
cg27384342	BTBD12	0.12015	0.93182	0.946846	-1.05614	0.169741	2.54351	2.54351	0.825152	1.15169	1.15169	0.682065	0.768814	-1.30071	0.00573769	0.0991269	-10.0881	0.415968	0.588206	-1.70009	0.109428	0.328227	-3.04667	0.818306	1.15821	1.15821	0.608438	0.719053	-1.39072	2.36231	15.2432	5.73571	1
cg23392963	ZBTB7C	0.12015	0.179158	1.33834	1.33834	0.144842	0.726298	-1.37685	0.345062	0.819871	-1.2197	0.741443	0.934617	-1.06996	0.53664	0.880046	-1.1363	0.620783	0.903166	-1.10722	0.0246953	1.7267	1.7267	0.071337	0.662775	-1.50881	0.319002	0.810322	-1.23408	2.3623	1.56041	0.587154	1
cg25794630	TIMP2	0.120151	0.123966	2.39809	2.39809	0.401603	1.56945	1.56945	0.687814	1.23624	1.23624	0.0274683	3.93228	3.93228	0.942814	1.03838	1.03838	0.0878885	2.68837	2.68837	0.0195399	4.40028	4.40028	0.124765	2.39293	2.39293	0.0696944	2.90104	2.90104	2.36229	10.3132	3.88068	1
cg09897338	NEK2	0.120153	0.510248	0.784357	-1.27493	0.0318637	0.400644	-2.49598	0.0666176	0.473334	-2.11267	0.432492	0.747283	-1.33818	0.012949	0.32571	-3.07022	0.236705	0.637079	-1.56966	0.497084	0.778231	-1.28497	0.424876	0.743519	-1.34496	0.377742	1.38976	1.38976	2.36228	4.94795	1.86183	1
cg26295921	PTPRN2;PTPRN2;PTPRN2	0.120156	0.0625508	0.293501	-3.40714	0.0109013	0.154237	-6.48352	0.0717278	0.308508	-3.24141	0.0505539	0.271646	-3.68126	0.189807	0.443857	-2.25298	0.229585	0.478384	-2.09037	0.215081	0.466148	-2.14524	0.142889	0.398117	-2.51182	0.404582	0.607262	-1.64674	2.36226	12.7986	4.81597	1
cg04786857	SPDYA;SPDYA	0.120163	0.0779421	16.5578	16.5578	0.201734	6.90133	6.90133	0.236778	5.90759	5.90759	0.481159	2.79002	2.79002	0.144049	9.47786	9.47786	0.95857	0.928262	-1.07728	0.0293074	39.604	39.604	0.0197615	56.4679	56.4679	0.0557502	22.3286	22.3286	2.36219	76.8196	28.9071	1
cg23527624	PANX2;PANX2;PANX2	0.120164	0.152556	1.63948	1.63948	0.153338	1.63772	1.63772	0.0474544	2.0784	2.0784	0.109565	1.75571	1.75571	0.0789809	1.87634	1.87634	0.268978	1.44983	1.44983	0.060937	1.9768	1.9768	0.0251957	2.3605	2.3605	0.0555527	2.01381	2.01381	2.36218	3.89453	1.46551	1
cg20235594	HRK	0.120165	0.235499	0.55926	-1.78808	0.083854	2.4454	2.4454	0.253764	1.74558	1.74558	0.0712285	2.56479	2.56479	0.14527	0.4814	-2.07727	0.42403	0.682735	-1.4647	0.666144	1.22494	1.22494	0.0508324	2.82904	2.82904	0.633101	1.25207	1.25207	2.36217	8.17398	3.07589	1
cg25195643	SNORD115-15;SNORD115-21;SNORD115-26	0.12017	0.0168587	0.226602	-4.41303	0.0494231	0.319283	-3.13202	0.475831	0.691307	-1.44654	0.856089	0.911711	-1.09684	0.0374419	0.292442	-3.41948	0.437002	0.667833	-1.49738	0.72435	0.835036	-1.19755	0.537606	0.727744	-1.37411	0.037576	0.292773	-3.41561	2.36213	9.6986	3.64966	1
cg07977661	CMIP;CMIP	0.120172	0.492717	0.838128	-1.19313	0.109717	1.55574	1.55574	0.637605	1.12779	1.12779	0.423538	0.812877	-1.2302	0.00685048	0.411639	-2.42932	0.231245	0.7274	-1.37476	0.554051	1.16382	1.16382	0.737251	0.918197	-1.08909	0.600112	0.874526	-1.14348	2.36211	2.40332	0.904395	1
cg15823100	PISD	0.120172	0.090687	0.418265	-2.39083	0.501526	0.726874	-1.37575	0.41725	1.47356	1.47356	0.616207	1.26659	1.26659	0.157671	0.493358	-2.02692	0.129986	0.465392	-2.14873	0.0115946	0.228583	-4.37477	0.164463	0.499755	-2.00098	0.183253	0.516676	-1.93545	2.36211	8.18135	3.07873	1
cg14811030	FAM178B;FAM178B	0.120173	0.181898	0.583516	-1.71375	0.209134	0.604538	-1.65416	0.150613	0.556726	-1.79621	0.300167	0.664867	-1.50406	0.00564649	0.25139	-3.97788	0.411664	0.726783	-1.37593	0.255372	1.57055	1.57055	0.512222	0.776704	-1.28749	0.473142	0.757765	-1.31967	2.3621	5.40677	2.03464	1
cg07511587	UBE2I;UBE2I;UBE2I;UBE2I	0.120178	0.496126	0.720952	-1.38705	0.0555398	2.79357	2.79357	0.505375	0.72616	-1.37711	0.895431	1.06424	1.06424	0.0682798	0.380409	-2.62875	0.287908	0.593101	-1.68605	0.123082	0.453425	-2.20544	0.140803	2.1171	2.1171	0.144356	0.475959	-2.10102	2.36206	8.38594	3.1558	1
cg08353062	UGDH;UGDH	0.12018	0.788856	1.05456	1.05456	0.0961601	1.43567	1.43567	0.0214327	1.72811	1.72811	0.0620122	0.659733	-1.51576	0.122981	1.39202	1.39202	0.258648	1.26274	1.26274	0.991942	1.002	1.002	0.374547	1.19771	1.19771	0.757453	1.06323	1.06323	2.36204	1.46564	0.551551	1
cg13810113	MYO9A;SENP8;SENP8;SENP8	0.120184	0.0166629	0.743221	-1.34549	0.275937	0.891314	-1.12194	0.801292	1.02593	1.02593	0.129925	1.18067	1.18067	0.535979	1.0657	1.0657	0.57537	1.05914	1.05914	0.0753618	0.817917	-1.22262	0.813638	0.976311	-1.02426	0.335935	1.10598	1.10598	2.362	0.385559	0.145097	1
cg00693401	RAB40B	0.120188	0.0673886	2.27663	2.27663	0.402629	0.709063	-1.41031	0.858576	0.930909	-1.07422	0.291965	1.551	1.551	?	?	?	0.816173	0.910763	-1.09798	0.0129918	0.290164	-3.44632	0.575771	1.25474	1.25474	0.692993	0.852761	-1.17266	2.3849	5.40969	2.26831	1
cg11335335	DRD4	0.120189	0.0961199	0.268247	-3.7279	0.0918604	0.262794	-3.80527	0.745578	0.791005	-1.26421	0.539997	0.639693	-1.56325	0.0328559	0.165723	-6.03416	0.755715	0.79873	-1.25199	0.102756	0.276508	-3.61654	0.0377472	0.17636	-5.67022	0.252445	2.36514	2.36514	2.36196	19.3981	7.3002	1
cg26466234	HTRA1	0.120189	0.753099	0.845599	-1.18259	0.0210276	0.219019	-4.56582	0.0425911	0.281371	-3.55403	0.400925	1.58146	1.58146	0.370352	1.63338	1.63338	0.941392	0.961693	-1.03983	0.389718	0.625022	-1.59994	0.248111	1.90746	1.90746	0.305639	1.76204	1.76204	2.49937	10.9349	3.40281	1
cg27567593	BMP8A	0.120191	0.552654	1.62107	1.62107	0.0112414	12.8605	12.8605	0.28139	2.46047	2.46047	0.0395252	6.7861	6.7861	0.500466	1.73324	1.73324	0.346473	2.18077	2.18077	0.104493	4.16672	4.16672	0.0442952	6.4106	6.4106	0.135338	3.64925	3.64925	2.36194	24.1936	9.10499	1
cg03630344	VAMP3	0.120191	0.823108	1.04955	1.04955	0.166865	1.37484	1.37484	0.10425	1.46761	1.46761	0.88871	1.03071	1.03071	0.15789	1.38561	1.38561	0.0386777	1.67737	1.67737	0.050441	0.617792	-1.61867	0.554723	1.13776	1.13776	0.158562	1.38479	1.38479	2.36194	1.74535	0.656842	1
cg27064928	ASFMR1;ASFMR1;ASFMR1;ASFMR1;ASFMR1;FMR1	0.120192	0.132695	0.498163	-2.00738	0.74798	0.870694	-1.14851	0.795843	1.1178	1.1178	0.0585618	0.399385	-2.50385	0.0171383	0.287123	-3.48283	0.866642	1.07486	1.07486	0.0367229	0.352626	-2.83586	0.778687	1.12864	1.12864	0.209059	0.566245	-1.76602	2.36193	6.90113	2.59717	1
cg19549068	CLU;CLU	0.120193	0.329391	0.864524	-1.15671	0.342704	1.15186	1.15186	0.783538	1.04063	1.04063	0.69842	1.05792	1.05792	0.729024	1.05158	1.05158	0.63427	1.07177	1.07177	0.005541	0.590305	-1.69404	0.781841	0.960648	-1.04096	0.171394	1.23442	1.23442	2.36192	0.782421	0.294457	1
cg24964110	CABLES1;CABLES1;CABLES1	0.120195	0.0633424	0.293849	-3.40311	0.0472643	0.264114	-3.78625	0.416741	0.614603	-1.62707	0.756046	0.832951	-1.20055	0.0563958	0.281664	-3.55033	0.110566	0.360661	-2.77268	0.0486848	0.266977	-3.74564	0.0322613	0.229777	-4.35204	0.866382	0.905953	-1.10381	2.3619	12.8679	4.84274	1
cg02676434	PLCD1;PLCD1;PLCD1	0.120196	0.665063	0.942436	-1.06108	0.0297071	1.41665	1.41665	0.154872	1.23026	1.23026	0.317395	1.15105	1.15105	0.869697	0.977902	-1.0226	0.371409	1.13306	1.13306	0.0342967	0.71455	-1.39948	0.475198	1.10388	1.10388	0.209399	1.19731	1.19731	2.3619	0.69301	0.26081	1
cg19734655	C6orf64	0.120197	0.9498	0.981193	-1.01917	0.299177	1.3833	1.3833	0.938993	1.02335	1.02335	0.0699095	1.84254	1.84254	0.622243	1.16154	1.16154	0.174142	1.54645	1.54645	0.424288	0.781867	-1.27899	0.0303788	2.15424	2.15424	0.0171558	2.401	2.401	2.36189	3.40156	1.28017	1
cg19791442	GNL3L	0.120199	0.0916108	0.139103	-7.18894	0.111672	0.158858	-6.29494	0.361054	0.368963	-2.7103	0.0267409	16.2357	16.2357	0.785452	0.748443	-1.33611	0.0538548	0.0978339	-10.2214	0.940195	0.923413	-1.08294	0.838404	0.805057	-1.24215	0.547949	0.524326	-1.90721	2.36187	42.1826	15.8754	1
cg03796659	MYO1B;MYO1B;MYO1B	0.120204	0.684255	1.09923	1.09923	0.0153167	1.99149	1.99149	0.283268	1.29433	1.29433	0.113013	1.49057	1.49057	0.195736	0.7286	-1.37249	0.047791	1.68829	1.68829	0.838894	0.953984	-1.04824	0.397809	1.22182	1.22182	0.786197	0.93902	-1.06494	2.36182	2.00316	0.753904	1
cg04471176	U2AF1;U2AF1;U2AF1	0.120207	0.0425279	0.302981	-3.30054	0.173317	2.09749	2.09749	0.574779	1.33616	1.33616	0.815039	1.12728	1.12728	0.867951	0.918445	-1.0888	0.904309	0.940364	-1.06342	0.0191576	0.234757	-4.25972	0.881837	0.926776	-1.07901	0.0915328	0.386759	-2.58559	2.3618	9.77736	3.67981	1
cg09232805	GALNTL6	0.120209	0.169753	0.458518	-2.18094	0.0257686	4.10316	4.10316	0.429103	1.53783	1.53783	0.0875147	0.365795	-2.73377	0.0967982	2.64292	2.64292	0.664174	0.792231	-1.26226	0.967163	0.978291	-1.02219	0.239132	1.92952	1.92952	0.85949	1.09908	1.09908	2.36178	10.6329	4.00186	1
cg00328883	C20orf94;MKKS	0.120211	0.0744136	0.732735	-1.36475	0.344368	1.1646	1.1646	0.636582	0.928246	-1.0773	0.00985724	0.600342	-1.66572	0.921637	0.984724	-1.01551	0.224057	0.818878	-1.22118	0.56218	0.912396	-1.09601	0.313608	0.849551	-1.17709	0.241286	1.21155	1.21155	2.36177	0.915495	0.344561	1
cg17135941	PPOX;PPOX	0.120212	0.39149	0.829656	-1.20532	0.3472	1.22861	1.22861	0.681964	0.916092	-1.09159	0.861241	1.03791	1.03791	0.0161265	0.534626	-1.87047	0.0224153	0.558873	-1.78932	0.345229	0.813201	-1.22971	0.361659	1.22072	1.22072	0.997024	0.999207	-1.00079	2.36175	1.69226	0.636914	1
cg25348776	SORCS2	0.120219	0.733481	0.901391	-1.1094	0.422543	1.28254	1.28254	0.0900493	0.566933	-1.76388	0.231655	1.46385	1.46385	0.038878	0.483658	-2.06758	0.791822	0.922791	-1.08367	0.713457	0.894016	-1.11855	0.0300728	0.460721	-2.17051	0.129222	0.607765	-1.64537	2.36169	3.45115	1.29894	1
cg00618542	GLRX3	0.12022	0.0152873	0.37219	-2.6868	0.107831	1.79021	1.79021	0.937302	1.02645	1.02645	0.108406	0.55922	-1.78821	0.162582	0.60972	-1.6401	0.162253	0.609453	-1.64082	0.428158	0.764554	-1.30795	0.851566	1.06414	1.06414	0.858479	1.06102	1.06102	2.36169	4.11968	1.55056	1
cg10001949	FAM127B;FAM127B	0.12022	0.0578832	0.101073	-9.89389	0.875372	0.848241	-1.17891	0.472217	0.46362	-2.15694	0.650947	1.61295	1.61295	0.299297	0.321702	-3.10847	0.0795521	0.125686	-7.95631	0.145035	0.190289	-5.25518	0.00754557	0.0234086	-42.7193	0.45514	0.449382	-2.22528	2.49907	42.5981	13.2577	1
cg06922352	SRP72	0.120222	0.1246	0.831641	-1.20244	0.0392234	0.767563	-1.30282	0.0551688	0.785807	-1.27258	0.913897	0.988079	-1.01206	0.188899	1.16688	1.16688	0.974533	0.996467	-1.00355	0.105954	1.21627	1.21627	0.684724	1.0463	1.0463	0.778509	0.969219	-1.03176	2.36167	0.459832	0.173072	1
cg00161229	HDAC2	0.120226	0.116145	1.5464	1.5464	0.0769489	0.60524	-1.65224	0.974863	0.991988	-1.00808	0.0250704	0.506409	-1.97469	0.169266	0.688071	-1.45334	0.24272	1.36632	1.36632	0.705812	0.90772	-1.10166	0.323051	0.770594	-1.2977	0.649068	1.12408	1.12408	2.36163	2.43791	0.917597	1
cg23064797	PRSS42	0.120228	0.367147	1.32865	1.32865	0.00555089	0.327072	-3.05743	0.626476	0.860328	-1.16235	0.258727	1.43539	1.43539	0.254919	1.43994	1.43994	0.401503	1.30132	1.30132	0.998195	1.00069	1.00069	0.828936	0.935784	-1.06862	0.916692	1.03261	1.03261	2.36162	3.51893	1.32449	1
cg02303873	IPO4	0.120228	0.641964	1.06904	1.06904	0.30013	0.858048	-1.16544	0.683145	1.06026	1.06026	0.364906	1.14196	1.14196	0.046376	0.722285	-1.3845	0.0452895	0.72077	-1.3874	0.548075	0.916989	-1.09053	0.0516403	1.37138	1.37138	0.649332	0.936816	-1.06745	2.36161	0.76036	0.286193	1
cg13635022	ZNF462	0.120229	0.167558	0.462659	-2.16142	0.101379	0.390698	-2.55952	0.322332	0.585281	-1.70858	0.158199	2.2044	2.2044	0.160816	0.45619	-2.19207	0.295009	1.76656	1.76656	0.943712	0.963679	-1.03769	0.041616	3.42395	3.42395	0.502888	0.700301	-1.42796	2.36161	10.2681	3.86484	1
cg15100100	ST6GALNAC5	0.12023	0.225273	0.813445	-1.22934	0.0377929	0.676687	-1.47779	0.0751169	1.37893	1.37893	0.296268	1.19194	1.19194	0.49661	1.11841	1.11841	0.818262	1.03802	1.03802	0.0990417	0.745881	-1.3407	0.288116	0.836276	-1.19578	0.442347	1.13541	1.13541	2.3616	0.983098	0.370031	1
cg21749091	MBTD1;UTP18	0.120231	0.00299954	0.448139	-2.23145	0.269669	1.25443	1.25443	0.712714	1.07566	1.07566	0.899935	0.975497	-1.02512	0.844093	1.03959	1.03959	0.537758	0.884224	-1.13094	0.770612	0.943973	-1.05935	0.712268	0.929551	-1.07579	0.573028	0.893768	-1.11886	2.36159	1.45461	0.547508	1
cg03952488	DDX17;DDX17	0.120232	0.510154	1.30427	1.30427	0.0349014	2.658	2.658	0.0882023	2.11297	2.11297	0.371729	0.694416	-1.44006	0.632221	0.825522	-1.21135	0.652965	1.19719	1.19719	0.21727	0.596796	-1.67561	0.0509752	0.413136	-2.42051	0.839852	0.922694	-1.08378	2.36158	5.91389	2.22596	1
cg08051625	CREBBP;CREBBP	0.120234	0.242278	0.851658	-1.17418	0.0473957	1.34664	1.34664	0.132983	1.23699	1.23699	0.81085	0.969031	-1.03196	0.0540462	0.750576	-1.33231	0.247893	0.853425	-1.17175	0.179322	1.20581	1.20581	0.547703	1.0831	1.0831	0.845074	0.974658	-1.026	2.36156	0.643874	0.242353	1
cg19954537	ARID5A	0.120235	0.290472	0.234245	-4.26904	0.0135289	0.0175347	-57.0296	0.00803108	0.0111845	-89.4096	0.450781	0.361838	-2.76367	0.389279	0.311225	-3.21311	0.340389	0.272562	-3.66888	0.36451	0.291481	-3.43075	0.253136	0.206174	-4.85026	0.769197	0.677551	-1.4759	2.36156	65.4643	24.6407	1
cg06424894	SORD	0.120235	0.0839341	0.354461	-2.82119	0.389069	0.619591	-1.61397	0.77243	1.1703	1.1703	0.249211	1.92157	1.92157	0.0508627	0.299285	-3.3413	0.094724	0.369364	-2.70736	0.458907	1.5053	1.5053	0.0438765	0.284759	-3.51174	0.258039	0.527262	-1.89659	2.36155	11.0003	4.14049	1
cg06108383	PPT2;PRRT1;PPT2	0.120236	0.981851	0.991221	-1.00886	0.0242303	2.83322	2.83322	0.0287554	2.71785	2.71785	0.151652	1.81389	1.81389	0.880092	0.943162	-1.06026	0.967394	1.01597	1.01597	0.964511	1.0174	1.0174	0.241284	0.621576	-1.60881	0.105166	1.98642	1.98642	2.36154	5.62033	2.1155	1
cg00112091	TEAD1;TEAD1	0.120237	0.0369368	0.658431	-1.51876	0.947051	1.01152	1.01152	0.646237	1.08297	1.08297	0.971136	0.993779	-1.00626	0.0465922	0.675021	-1.48144	0.325832	0.839493	-1.1912	0.0356314	1.52464	1.52464	0.978304	1.0047	1.0047	0.846187	1.03406	1.03406	2.36153	1.11238	0.418702	1
cg16364709	ERN2	0.120239	0.105956	5.47189	5.47189	0.302736	2.79425	2.79425	0.342943	2.5611	2.5611	0.931929	0.921059	-1.08571	0.568968	0.574593	-1.74036	0.540866	0.551087	-1.8146	0.21636	0.285871	-3.49808	0.022033	14.0609	14.0609	0.0511211	8.48311	8.48311	2.36152	34.6512	13.0429	1
cg17408663	C4orf43	0.12024	0.316706	0.757615	-1.31993	0.162743	1.49124	1.49124	0.977275	0.992391	-1.00767	0.732741	0.912179	-1.09628	0.14487	0.657118	-1.5218	0.687171	0.897125	-1.11467	0.01925	0.467983	-2.13683	0.0358393	0.51952	-1.92485	0.175865	0.6798	-1.47102	2.36151	2.68965	1.0124	1
cg06066251	TOLLIP	0.120243	0.795588	0.942436	-1.06108	0.0482335	0.597193	-1.6745	0.159928	1.40903	1.40903	0.355564	0.804912	-1.24237	0.820224	1.05336	1.05336	0.417329	1.20839	1.20839	0.0209619	1.88576	1.88576	0.366815	0.809192	-1.2358	0.563293	0.87508	-1.14275	2.36149	1.95049	0.734187	1
cg16230121	APBB1;APBB1	0.120244	0.301292	1.94153	1.94153	0.0163607	6.16016	6.16016	0.0955082	3.10962	3.10962	0.134164	2.7201	2.7201	0.932666	1.05375	1.05375	0.384464	1.73745	1.73745	0.360992	1.78915	1.78915	0.0157918	6.24688	6.24688	0.133755	2.72341	2.72341	2.36147	14.3536	5.40288	1
cg21219666	DNAJC7;DNAJC7;DNAJC7	0.120246	0.0477685	1.48392	1.48392	0.712224	0.937436	-1.06674	0.0746828	0.707354	-1.41372	0.0160264	1.67206	1.67206	0.921924	0.98305	-1.01724	0.795275	1.04639	1.04639	0.889451	1.02455	1.02455	0.582117	0.907632	-1.10177	0.674417	1.07646	1.07646	2.36145	1.13726	0.428082	1
cg07638822	PTPRN2;PTPRN2;PTPRN2	0.120247	0.0250807	0.601581	-1.66229	0.494276	0.876018	-1.14153	0.536733	1.1267	1.1267	0.401386	0.848918	-1.17797	0.0102698	0.539625	-1.85314	0.849702	0.964469	-1.03684	0.430106	1.16601	1.16601	0.310514	0.818639	-1.22154	0.452374	0.86416	-1.15719	2.36145	1.36014	0.511979	1
cg14036226	PKN3	0.120247	0.0141737	0.434922	-2.29926	0.653502	0.883109	-1.13236	0.154584	0.657596	-1.52069	0.401547	0.789625	-1.26642	0.0401558	0.520834	-1.92	0.0695427	0.572102	-1.74794	0.15093	0.65479	-1.52721	0.0494713	0.539733	-1.85277	0.471972	0.81769	-1.22296	2.36144	2.83042	1.06542	1
cg05054831	PIGU	0.120249	0.107006	0.520061	-1.92285	0.869241	1.06313	1.06313	0.227069	0.624237	-1.60196	0.2729	0.654414	-1.52809	0.0335831	0.397555	-2.51538	0.0746862	0.478187	-2.09123	0.0140793	0.324269	-3.08386	0.429384	0.741002	-1.34952	0.116727	0.53084	-1.88381	2.36143	5.16386	1.94378	1
cg21711876	MIER2	0.120252	0.317448	0.796501	-1.25549	0.0260662	0.559111	-1.78855	0.729833	1.07932	1.07932	0.878904	1.03414	1.03414	0.811459	1.05402	1.05402	0.870327	1.03663	1.03663	0.0877717	1.51421	1.51421	0.616685	1.11752	1.11752	0.0314851	0.573835	-1.74266	2.3614	1.81296	0.682441	1
cg24398933	CGN	0.120252	0.104472	0.606939	-1.64761	0.730722	1.10209	1.10209	0.0286793	0.483763	-2.06713	0.78002	0.924245	-1.08196	0.0149356	0.430807	-2.32122	0.760933	0.917723	-1.08965	0.0619067	0.553488	-1.80672	0.434337	0.798962	-1.25162	0.249875	0.712956	-1.40261	2.3614	2.96062	1.11445	1
cg23913350	LOX	0.120255	0.0200202	0.428673	-2.33278	0.431368	1.27427	1.27427	0.283636	0.714493	-1.39959	0.262749	0.703007	-1.42246	0.0609292	0.528626	-1.8917	0.553935	0.834694	-1.19804	0.0240995	0.444055	-2.25198	0.176679	0.648274	-1.54256	0.52401	0.822933	-1.21517	2.36138	3.40638	1.28226	1
cg16809534	INSC;INSC	0.120255	0.239528	0.6014	-1.66279	0.261758	0.616834	-1.62118	0.869749	0.93449	-1.0701	0.897503	0.948183	-1.05465	0.155971	0.53437	-1.87136	0.169019	1.83122	1.83122	0.121151	0.499645	-2.00142	0.00945782	0.257242	-3.88739	0.271574	0.623423	-1.60405	2.36138	6.37474	2.39963	1
cg06840305	TMEM131	0.120256	0.590096	1.09497	1.09497	0.712072	1.0638	1.0638	0.139132	0.766768	-1.30417	0.0640906	0.70671	-1.41501	0.566783	0.907926	-1.10141	0.539451	1.10921	1.10921	0.0240601	1.56663	1.56663	0.236533	0.81309	-1.22988	0.296303	1.19801	1.19801	2.36137	1.04088	0.391816	1
cg18041123	MYH10	0.120256	0.375539	2.24291	2.24291	0.00672105	22.6864	22.6864	0.0310642	9.46924	9.46924	0.472063	1.91495	1.91495	0.53329	0.570961	-1.75143	0.599403	1.60121	1.60121	0.838696	0.834406	-1.19846	0.378301	2.23194	2.23194	0.291712	2.64245	2.64245	2.36137	29.5035	11.106	1
cg15080590	PTPRN2;PTPRN2;PTPRN2	0.120256	0.0519294	0.59859	-1.67059	0.0420405	0.580644	-1.72223	0.451935	1.19462	1.19462	0.158493	0.704838	-1.41877	0.0213759	0.526405	-1.89968	0.102279	0.660393	-1.51425	0.427164	0.828508	-1.20699	0.36163	0.804451	-1.24308	0.24838	0.755786	-1.32313	2.36137	2.01371	0.758023	1
cg01394034	TMPO;TMPO;TMPO;LOC100128191	0.120257	0.376688	1.32495	1.32495	0.620917	0.856734	-1.16722	0.504105	1.23402	1.23402	0.335975	0.735114	-1.36033	0.201952	0.65842	-1.51879	0.0671885	0.529249	-1.88947	0.0371715	0.472183	-2.11782	0.283803	1.41253	1.41253	0.121717	1.68264	1.68264	2.36136	3.59809	1.35443	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg06043190	EML4;EML4	0.120258	0.490779	0.687317	-1.45493	0.739395	1.19584	1.19584	0.21492	2.01247	2.01247
cg04706556	LOC441204	0.120258	0.678239	0.923564	-1.08276	0.367832	0.838362	-1.1928	0.874614	0.97035	-1.03056
cg05890285	SETD5;LOC440944	0.12026	0.129777	1.95276	1.95276	0.190894	0.567608	-1.76178	0.0296155	0.350928	-2.84958
cg11989422	TRMT61A	0.120263	0.342029	1.39346	1.39346	0.0716028	1.97742	1.97742	0.0134116	2.82279	2.82279
cg10009056	MTNR1A	0.120265	0.0794609	0.272659	-3.66758	0.187998	0.394042	-2.5378	0.513088	0.642247	-1.55703
cg09729955	CYP17A1	0.120265	0.83715	1.04666	1.04666	0.486036	1.16981	1.16981	0.0344982	0.579066	-1.72692
cg10840135	CYP2D6;CYP2D6	0.120265	0.00858446	0.190489	-5.24965	0.552489	1.34615	1.34615	0.991819	0.994941	-1.00508
cg02089380	ACVR1;ACVR1	0.120266	0.606453	0.937088	-1.06714	0.0779928	0.782792	-1.27748	0.111078	0.80488	-1.24242
cg14678021	BCL2L12;BCL2L12	0.120267	0.159193	0.754645	-1.32513	0.656579	0.919678	-1.08734	0.686729	0.926947	-1.07881
cg01807946	CSNK1D;CSNK1D	0.120268	0.24266	1.68479	1.68479	0.0126176	3.75502	3.75502	0.0257588	3.09493	3.09493
cg27353085	PLXND1	0.120268	0.806816	1.12357	1.12357	0.0256356	3.52808	3.52808	0.022815	3.65305	3.65305
cg17557340	TOLLIP	0.120269	0.503188	1.32135	1.32135	0.832607	1.09069	1.09069	0.00725844	4.13904	4.13904
cg25922239	LEMD2	0.120269	0.747227	1.1057	1.1057	0.280618	1.4169	1.4169	0.0362574	2.13085	2.13085
cg14210114	IGSF8	0.12027	0.431895	0.597324	-1.67413	0.0945872	3.25559	3.25559	0.547327	1.47876	1.47876
cg09799983	CYP1B1	0.120273	0.0691638	47.4192	47.4192	0.0500119	69.5164	69.5164	0.134365	21.4078	21.4078
cg18440839	EIF2C2;EIF2C2	0.120274	0.141497	0.257368	-3.88549	0.922824	1.08674	1.08674	0.0394294	0.129332	-7.73205
cg17334978	ZNF141	0.120276	0.140861	0.648921	-1.54102	0.682417	0.893757	-1.11887	0.577181	1.16622	1.16622
cg05377415	ZNF606	0.120277	0.432285	1.13392	1.13392	0.694697	1.06381	1.06381	0.0402962	0.689677	-1.44995
cg01243297	COL11A2;COL11A2;COL11A2;COL11A2	0.120277	0.352664	0.742402	-1.34698	0.0249634	2.29532	2.29532	0.303129	1.39403	1.39403
ch.2.1903814R	POLR1A	0.120278	0.0421467	0.177577	-5.63137	0.0205198	0.127384	-7.85028	0.0212582	0.129499	-7.72206
cg09150140	NELL1;NELL1	0.120279	0.475539	0.73759	-1.35577	0.0177392	0.298331	-3.35198	0.551818	0.776831	-1.28728
cg02019942	MGLL;MGLL	0.120283	0.444934	0.772573	-1.29438	0.0109666	2.8797	2.8797	0.0184189	2.57922	2.57922
cg06939851	PYCR2	0.120283	0.0674135	0.172107	-5.81035	0.867395	0.866332	-1.15429	0.672527	0.694163	-1.44058
cg12879381	TUBB6	0.120284	0.928354	0.97536	-1.02526	0.96231	1.0132	1.0132	0.0738367	0.575352	-1.73807
cg13818243	RASA3	0.120284	0.18323	1.46048	1.46048	0.610727	0.871364	-1.14763	0.138084	0.651627	-1.53462
cg06856188	HOXB7;HOXB7	0.120284	0.809132	0.935656	-1.06877	0.160963	0.662643	-1.50911	0.54042	1.1857	1.1857
cg08606356	CD44;CD44;CD44;CD44;CD44;CD44;CD44;CD44;CD44	0.12029	0.766924	0.943651	-1.05971	0.0955547	1.42944	1.42944	0.04453	1.56856	1.56856
cg18496447	SHF	0.120291	0.951489	1.0463	1.0463	0.0299572	6.68508	6.68508	0.0449568	5.53975	5.53975
cg10252135	PDE7A	0.120291	0.62046	1.04418	1.04418	0.00845213	1.33805	1.33805	0.671792	1.0376	1.0376
cg06691520	LGI1;LGI1	0.120295	0.592534	0.773353	-1.29307	0.031143	3.33163	3.33163	0.268683	1.72998	1.72998
cg07813275	NPL	0.120295	0.0173488	0.363711	-2.74943	0.906478	1.04188	1.04188	0.201555	0.624525	-1.60122
cg00786138	RERE;RERE;RERE	0.120296	0.954621	1.01249	1.01249	0.0431625	1.66069	1.66069	0.159944	0.720814	-1.38732
cg20008332	SOX11	0.120296	0.655197	1.15318	1.15318	0.186053	1.55981	1.55981	0.0875758	1.81844	1.81844
cg08437167	RPUSD3;RPUSD3	0.120299	0.0638001	1.87706	1.87706	0.391133	0.766787	-1.30414	0.777531	1.08938	1.08938
ch.6.949970F	BTBD9;BTBD9;BTBD9	0.120304	0.301315	0.809677	-1.23506	0.00571534	0.489496	-2.04292	0.0573166	0.654493	-1.5279
cg13243497	ATXN7L1;ATXN7L1	0.120306	0.634375	0.910975	-1.09772	0.0599114	1.51151	1.51151	0.0327156	0.614906	-1.62627
cg11398511	KCNK2;KCNK2;KCNK2;KCNK2;KCNK2	0.120308	0.977252	1.00869	1.00869	0.0778804	1.81175	1.81175	0.0439085	2.01861	2.01861
cg09000178	CBFB;CBFB	0.12031	0.407386	1.2557	1.2557	0.229385	0.712583	-1.40335	0.745665	1.09138	1.09138
cg02991011	LHPP;LHPP	0.12031	0.108683	2.58497	2.58497	0.117572	2.51583	2.51583	0.883426	1.0829	1.0829
cg01707559	TBL1Y;TBL1Y;TBL1Y	0.120316	0.489606	0.647493	-1.54442	0.9802	0.984749	-1.01549	0.734712	1.23445	1.23445
cg02860394	RNF103	0.120317	0.36828	0.819846	-1.21974	0.377201	0.823021	-1.21504	0.449693	0.847405	-1.18007
cg07215511	PPL	0.120317	0.200372	1.18658	1.18658	0.534942	1.08272	1.08272	0.0142818	1.46548	1.46548
cg02977954	ECHDC2	0.120318	0.707037	0.828235	-1.20739	0.0212714	3.98229	3.98229	0.0145369	4.49322	4.49322
cg01085228	PSD;FBXL15	0.120318	0.115843	0.681426	-1.46751	0.475437	0.849705	-1.17688	0.495413	0.856117	-1.16806
cg21388335	NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2	0.120321	0.00813748	0.411232	-2.43172	0.0952439	0.618269	-1.61742	0.628227	0.879859	-1.13655
cg02694489	CHRNB1	0.120321	0.0515561	0.341831	-2.92542	0.0817509	0.392831	-2.54563	0.975652	0.985325	-1.01489
cg16046954	MIR636;MFSD11;SFRS2;SFRS2	0.120321	0.409782	1.1834	1.1834	0.620279	0.905048	-1.10491	0.76102	0.940885	-1.06283
cg18013550	UBA1;INE1;UBA1	0.120324	0.762589	0.949591	-1.05308	0.0157346	1.65745	1.65745	0.0945558	1.36851	1.36851
cg03900664	METAP1	0.120324	0.027347	0.683111	-1.46389	0.671801	0.939686	-1.06419	0.529832	1.09736	1.09736
cg12990093	DMP1;DMP1	0.120326	0.720098	0.909356	-1.09968	0.456499	1.22172	1.22172	0.0719172	1.69983	1.69983
cg02026371	NUDT10	0.120327	0.103845	2.00578	2.00578	0.0727207	0.456789	-2.18919	0.0679624	0.44931	-2.22563
cg25365849	SAMM50	0.120328	0.402707	1.08479	1.08479	0.794743	0.975527	-1.02509	0.804652	0.976724	-1.02383
cg02487202	ANKRD11	0.120328	0.711948	1.11804	1.11804	0.070631	0.54454	-1.83641	0.456392	0.795955	-1.25635
cg15298719	CLDN7	0.120329	0.0339799	5.20184	5.20184	0.407534	1.75847	1.75847	0.353933	1.8878	1.8878
cg20087221	TLL2	0.12033	0.483507	1.11104	1.11104	0.590033	0.922716	-1.08376	0.00304146	1.82286	1.82286
cg03083443	HS3ST6	0.120334	0.509186	0.641612	-1.55857	0.758549	1.2267	1.2267	0.923666	1.06557	1.06557
cg02830545	SGCZ	0.120337	0.155897	0.843919	-1.18495	0.398538	0.907905	-1.10144	0.470938	1.08543	1.08543
cg08332868	RBM19;RBM19;RBM19	0.120338	0.415927	1.15778	1.15778	0.0873486	1.39455	1.39455	0.98595	1.00311	1.00311
cg06511276	ZDHHC18	0.120339	0.0398571	0.623404	-1.6041	0.467528	1.1584	1.1584	0.613419	0.903639	-1.10664
cg03887094	HSF4;HSF4	0.120343	0.223917	2.66537	2.66537	0.323209	2.18784	2.18784	0.217546	2.70571	2.70571
cg04011435	FASTKD2;FASTKD2;FASTKD2;FASTKD2;MDH1B;FASTKD2;FASTKD2	0.120343	0.789931	0.955403	-1.04668	0.24523	1.23082	1.23082	0.0459929	1.4781	1.4781
cg13574488	EMX2;EMX2	0.120345	0.0609176	0.146838	-6.81025	0.409936	0.465187	-2.14968	0.356846	0.422891	-2.36468
cg21878148	KLHL1;ATXN8OS	0.120345	0.0632265	2.68947	2.68947	0.0415815	3.0423	3.0423	0.195397	1.91262	1.91262
cg16665335	CCDC127	0.120348	0.558729	0.858764	-1.16446	0.111221	0.639698	-1.56324	0.0908676	0.61902	-1.61546
cg15656623	ARFGAP3;ARFGAP3	0.120351	0.707061	1.06431	1.06431	0.0670251	1.4034	1.4034	0.276618	1.20539	1.20539
cg11153808	MAGEA12;MAGEA12;MAGEA12;MAGEA12;CSAG1;CSAG1	0.120351	0.395182	1.60699	1.60699	0.130469	0.41079	-2.43433	0.497408	0.687094	-1.45541
cg23660356	PPT2;PPT2	0.120357	0.271071	0.47074	-2.12431	0.0224881	0.165733	-6.03379	0.256685	0.459108	-2.17814
cg24193140	KCTD16	0.120358	0.221648	0.533854	-1.87317	0.203862	0.519335	-1.92554	0.544087	1.34986	1.34986
cg02742133	ZDHHC22	0.120358	0.118609	0.535643	-1.86692	0.0323553	2.51765	2.51765	0.0422987	2.36764	2.36764
cg23448998	PLD6	0.120363	0.0717423	0.447472	-2.23478	0.0755047	0.453217	-2.20645	0.844578	1.08167	1.08167
cg10835417	MCTP2;MCTP2	0.120365	0.406294	0.779911	-1.2822	0.405601	1.28269	1.28269	0.1553	1.5604	1.5604
cg02221546	SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1	0.120366	0.418249	1.36449	1.36449	0.0220324	0.35635	-2.80623	0.0499964	0.431806	-2.31585
cg25619287	SDF4;SDF4	0.120367	0.518	0.735028	-1.36049	0.292234	1.6708	1.6708	0.170239	1.98597	1.98597
cg18021257	SNX24	0.120367	0.0948692	0.364235	-2.74548	0.0115131	0.175699	-5.69156	0.249502	0.515708	-1.93908
cg18838701	TNNI3	0.120368	0.199756	2.39763	2.39763	0.121668	2.95396	2.95396	0.666795	1.32262	1.32262
cg22130868	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.120368	0.627587	1.07916	1.07916	0.0136381	0.621598	-1.60876	0.0733774	0.732638	-1.36493
cg25143824	PAK7;PAK7	0.120369	0.0458866	0.598574	-1.67064	0.865142	1.03886	1.03886	0.611033	0.891339	-1.12191
cg08889949	P4HTM;WDR6;P4HTM	0.120371	0.299549	1.26286	1.26286	0.331805	1.24277	1.24277	0.0828975	1.51715	1.51715
cg14479567	ADCYAP1;ADCYAP1	0.120373	0.0281657	0.199452	-5.01374	0.222057	0.450159	-2.22144	0.0245279	0.18899	-5.29128
cg13739115	GRK5	0.120375	0.260296	0.475987	-2.1009	0.00546928	0.099265	-10.074	0.14149	0.368024	-2.71721
cg26075074	NRP1;NRP1;NRP1;NRP1;NRP1;NRP1	0.120377	0.0985859	0.791158	-1.26397	0.590472	1.07279	1.07279	0.440808	0.903334	-1.10701
cg24987745	VSNL1	0.120377	0.753945	1.104	1.104	0.934278	0.974382	-1.02629	0.258715	0.690179	-1.4489
cg09770904	CD9;CD9	0.120378	0.220693	1.22933	1.22933	0.291018	0.838858	-1.1921	0.802721	0.960653	-1.04096
cg27499820	IL17D	0.120378	0.400967	1.49581	1.49581	0.0251736	3.58741	3.58741	0.139185	2.11988	2.11988
cg16480759	PVRL1;PVRL1	0.120379	0.345207	0.764524	-1.308	0.365491	1.29278	1.29278	0.549002	0.845806	-1.1823
cg08333063	LMF1	0.120383	0.94823	1.01217	1.01217	0.591443	0.904027	-1.10616	0.036898	0.636767	-1.57043
cg23760574	TNXB	0.120387	0.0443403	0.501516	-1.99395	0.491923	0.811748	-1.23191	0.0498115	0.51246	-1.95137
cg05249199	CSRNP2	0.120387	0.0550988	0.670456	-1.49152	0.73633	1.0641	1.0641	0.0157763	1.72251	1.72251
cg09526215	LOC653391;LOC100170939	0.120388	0.70633	0.909771	-1.09918	0.0263896	0.518012	-1.93046	0.962479	0.988317	-1.01182
cg22049732	SRF	0.120391	0.0228537	0.555528	-1.80009	0.141188	0.710649	-1.40716	0.506647	1.15655	1.15655
cg00238770	C12orf53	0.120391	0.0363007	0.64849	-1.54204	0.450679	1.14655	1.14655	0.972571	0.9939	-1.00614
cg17860381	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.120392	0.235292	0.775152	-1.29007	0.30967	0.806328	-1.24019	0.728853	1.07386	1.07386
cg22853713	CASZ1;CASZ1	0.120392	0.316606	0.557312	-1.79433	0.945061	1.03968	1.03968	0.0943698	0.35403	-2.82462
cg26229024	PCDHB2	0.120392	0.190612	0.461783	-2.16552	0.176859	0.449189	-2.22624	0.235361	0.499895	-2.00042
cg20969896	TGIF2	0.120395	0.320039	0.519367	-1.92542	0.0638316	0.264923	-3.77469	0.489488	0.639135	-1.56461
cg22331200	MPO	0.120396	0.127194	0.454023	-2.20253	0.656787	1.23872	1.23872	0.271896	0.578404	-1.72889
cg00895997	SLC13A1	0.120397	0.0203652	0.154655	-6.46599	0.12464	0.329601	-3.03397	0.159969	0.367029	-2.72458
cg08664487	BEND6;DST	0.120399	0.0825431	0.351	-2.849	0.294503	1.80755	1.80755	0.479804	1.47862	1.47862
cg22636278	RARS	0.120399	0.917013	1.02513	1.02513	0.212839	1.36671	1.36671	0.735933	1.08393	1.08393
cg26162794	CCDC144B	0.1204	0.429949	0.780512	-1.28121	0.163315	0.632782	-1.58032	0.868391	0.95027	-1.05233
cg26079857	BAHCC1	0.120401	0.134668	0.325974	-3.06773	0.067094	0.240189	-4.16338	0.0414269	0.195043	-5.12709
cg25388404	VANGL2	0.120404	0.859748	0.959861	-1.04182	0.0532007	0.60123	-1.66326	0.0774326	1.57564	1.57564
cg06811375	NLGN4X;NLGN4X	0.120405	0.410668	1.22741	1.22741	0.934584	1.02019	1.02019	0.696555	1.10015	1.10015
cg23851476	EMX1	0.120406	0.608419	0.874669	-1.14329	0.106968	1.57779	1.57779	0.182471	1.4429	1.4429
cg08101407	TSPYL3	0.120409	0.0468486	1.42926	1.42926	0.14856	1.27533	1.27533	0.810958	1.03833	1.03833
cg01499426	CHFR;CHFR;CHFR;CHFR;CHFR	0.12041	0.250241	0.734084	-1.36224	0.14105	0.665445	-1.50275	0.330645	0.772388	-1.29469
cg22833618	HRC;HRC	0.120414	0.0841881	0.522418	-1.91418	0.233314	0.653975	-1.52911	0.281397	0.683544	-1.46296
cg07028390	RQCD1;USP37	0.120417	0.625541	1.20304	1.20304	0.903212	0.955306	-1.04679	0.109512	1.9267	1.9267
cg05907386	QPCTL;QPCTL;QPCTL;SNRPD2;QPCTL;SNRPD2	0.120417	0.487483	1.13114	1.13114	0.608657	0.91374	-1.0944	0.583279	0.907752	-1.10162
cg20233727	TOLLIP	0.120417	0.466263	1.60484	1.60484	0.230151	2.23273	2.23273	0.88896	1.09322	1.09322
cg07402669	APCDD1L	0.120419	0.454581	0.622698	-1.60592	0.305385	0.516843	-1.93482	0.154052	2.583	2.583
cg13167340	MIR612	0.120425	0.0170757	0.369111	-2.70921	0.382607	0.735709	-1.35923	0.558286	0.816337	-1.22498
cg05451912	HIST1H4H	0.120426	0.625393	1.04837	1.04837	0.471361	1.07287	1.07287	0.764157	0.971526	-1.02931
cg22728551	RORA	0.120428	0.131549	1.31422	1.31422	0.4584	1.13511	1.13511	0.941533	1.01239	1.01239
cg07269271	NECAP1;NECAP1	0.12043	0.0336694	0.528342	-1.89271	0.338877	1.28856	1.28856	0.960791	0.987437	-1.01272
cg08530934	PTPRN2;PTPRN2;PTPRN2	0.12043	0.197845	0.773927	-1.29211	0.341376	0.831437	-1.20274	0.995513	0.998942	-1.00106
cg11442717	PHF10;PHF10	0.120433	0.112372	0.735502	-1.35962	0.219527	0.794958	-1.25793	0.251831	1.23709	1.23709
cg23314866	NAPA	0.120435	0.187418	0.659553	-1.51618	0.244397	1.4373	1.4373	0.0907958	1.74195	1.74195
cg09470219	CDR2	0.120435	0.265181	0.826732	-1.20958	0.604525	0.917951	-1.08938	0.0188472	0.627401	-1.59388
cg21834463	SGK1	0.120437	0.589915	0.848098	-1.17911	0.114642	1.68127	1.68127	0.963786	0.986346	-1.01384
cg22109000	NFU1;NFU1;NFU1;NFU1;NFU1;NFU1;NFU1;NFU1	0.120438	?	?	?	0.944519	1.05472	1.05472	?	?	?
cg03430633	PVRL1;PVRL1;PVRL1	0.120439	0.240235	0.487018	-2.05331	0.76111	0.836597	-1.19532	0.962272	0.972703	-1.02806
cg26830834	DUSP11;DUSP11	0.120441	0.658681	0.940688	-1.06305	0.304941	1.15733	1.15733	0.0845471	1.30006	1.30006
cg15109550	PKD2	0.120444	0.210706	0.708617	-1.4112	0.00562693	0.387059	-2.58358	0.0798613	0.601934	-1.66131
cg00400614	LOC285954;LOC285954	0.120444	0.113696	1.26106	1.26106	0.0352468	0.718558	-1.39168	0.12052	0.796959	-1.25477
cg21877005	PRPF38B	0.120445	0.058731	0.40139	-2.49135	0.109838	0.474649	-2.10682	0.406701	0.695666	-1.43747
cg04899180	PLK3	0.120445	0.771313	1.07576	1.07576	0.903192	0.969972	-1.03096	0.0391907	0.549952	-1.81834
cg19175822	ATP11A;ATP11A	0.120446	0.401196	0.858799	-1.16442	0.0112624	0.569826	-1.75492	0.580382	0.905815	-1.10398
cg00760729	RBMS1;RBMS1	0.120449	0.168342	0.434289	-2.30261	0.484766	1.49687	1.49687	0.435692	1.57119	1.57119
cg25709679	IGF1R	0.120453	0.220952	0.658212	-1.51927	0.00540035	0.304123	-3.28815	0.853864	0.94183	-1.06176
cg10709026	C17orf85;C17orf85	0.120459	0.0241775	1.52003	1.52003	0.016704	0.63436	-1.57639	0.641041	1.07589	1.07589

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)
cg06043190	0.452538	1.50679	1.50679	0.0484319	0.298805	-3.34667	0.187513	0.47317	-2.11341	0.355519	0.601003	-1.66389
cg04706556	0.186766	1.30569	1.30569	0.794262	1.05107	1.05107	0.102173	1.40625	1.40625	0.00676689	1.95233	1.95233
cg05890285	0.876298	0.938287	-1.06577	0.204853	1.72813	1.72813	0.244144	1.64588	1.64588	0.510381	0.761072	-1.31394
cg11989422	0.520654	1.2469	1.2469	0.875179	1.05472	1.05472	0.343084	0.718189	-1.39239	0.191128	1.59854	1.59854
cg10009056	0.0705302	0.259442	-3.85442	0.0431615	0.211618	-4.7255	0.0134806	0.129792	-7.70463	0.0917029	0.28951	-3.45411
cg09729955	0.646172	1.10785	1.10785	0.423613	0.834365	-1.19852	0.943954	0.984542	-1.0157	0.0115039	2.01458	2.01458
cg10840135	0.891984	0.935004	-1.06951	0.220379	0.5287	-1.89143	0.81715	1.12138	1.12138	0.133935	0.449544	-2.22448
cg02089380	0.563662	1.07573	1.07573	0.40153	0.898196	-1.11334	0.131201	0.815643	-1.22603	0.0224513	0.710397	-1.40766
cg14678021	0.643042	0.916381	-1.09125	0.0707581	0.685372	-1.45906	0.0811731	0.696458	-1.43584	0.144023	1.34135	1.34135
cg01807946	0.220622	1.73219	1.73219	0.347195	0.661691	-1.51128	0.626112	1.23303	1.23303	0.839043	0.916891	-1.09064
cg27353085	0.230061	1.82	1.82	0.219274	0.540984	-1.84848	0.251552	1.76766	1.76766	0.191565	1.92996	1.92996
cg17557340	0.0723913	2.2757	2.2757	0.422974	0.714861	-1.39887	0.502037	1.32237	1.32237	0.722571	0.863982	-1.15743
cg25922239	0.226791	0.674148	-1.48335	0.798342	1.0828	1.0828	0.318745	1.37738	1.37738	0.244948	0.685289	-1.45924
cg14210114	0.477618	1.59016	1.59016	0.0815875	0.28939	-3.45555	0.0712119	0.274018	-3.6494	0.500486	0.644477	-1.55165
cg09799983	0.155184	17.9386	17.9386	0.208503	12.3838	12.3838	0.930629	0.847686	-1.17968	0.892686	1.29197	1.29197
cg18440839	0.115492	0.230172	-4.34458	0.523217	0.573826	-1.74269	0.196245	3.23204	3.23204	0.0399339	0.130212	-7.67979
cg17334978	0.587055	0.860949	-1.16151	0.611913	0.86963	-1.14991	0.0141999	0.437806	-2.28412	0.103731	1.62541	1.62541
cg05377415	0.468134	1.12274	1.12274	0.0317386	0.673792	-1.48414	0.0957436	1.33237	1.33237	0.389761	0.87091	-1.14822
cg01243297	0.0271105	2.25866	2.25866	0.526805	0.81896	-1.22106	0.0738833	1.85978	1.85978	0.639283	1.15838	1.15838
ch.2.1903814R	0.189414	0.35835	-2.79057	0.364498	0.502618	-1.98958	0.732974	1.28765	1.28765	0.370565	0.507225	-1.97151
cg09150140	0.201371	1.76123	1.76123	0.954222	1.02437	1.02437	0.606194	0.80401	-1.24377	0.410371	0.702464	-1.42356
cg02019942	0.71314	1.13015	1.13015	0.89787	0.958343	-1.04347	0.666981	1.15424	1.15424	0.470492	1.2754	1.2754
cg06939851	0.316196	0.410746	-2.4346	0.0261445	0.103746	-9.63889	0.234658	0.343134	-2.91431	0.0197772	0.0892245	-11.2077
cg12879381	0.776229	1.08226	1.08226	0.00613415	0.370815	-2.69676	0.321143	0.752498	-1.32891	0.378058	0.778101	-1.28518
cg13818243	0.243036	1.38774	1.38774	0.417093	1.24912	1.24912	0.153923	1.50596	1.50596	0.0158102	2.21007	2.21007
cg06856188	0.260874	1.38027	1.38027	0.0723528	0.576307	-1.73519	0.938311	0.978952	-1.0215	0.143598	0.649274	-1.54018
cg08606356	0.895371	0.974653	-1.02601	0.380391	1.19193	1.19193	0.531487	0.883664	-1.13165	0.1091	0.711104	-1.40626
cg18496447	0.717826	0.76339	-1.30995	0.36602	1.99561	1.99561	0.352756	0.49096	-2.03683	?	?	?
cg10252135	0.262692	1.10643	1.10643	0.591904	0.954215	-1.04798	0.184412	0.88521	-1.12968	0.433319	0.933097	-1.0717
cg06691520	0.331606	0.620901	-1.61056	0.564105	1.31972	1.31972	0.18846	1.94058	1.94058	0.0530972	0.351466	-2.84522
cg07813275	0.391218	0.73591	-1.35886	0.220849	0.638102	-1.56715	0.60775	1.19808	1.19808	0.392242	0.736421	-1.35792
cg00786138	0.757414	0.934678	-1.06989	0.576043	0.884109	-1.13108	0.518883	1.15325	1.15325	0.015507	1.91045	1.91045
cg20008332	0.178684	0.63569	-1.57309	0.0268635	0.435457	-2.29644	0.117798	0.583574	-1.71358	0.757378	1.10325	1.10325
cg08437167	0.577571	1.18535	1.18535	0.118574	0.599262	-1.66872	0.100487	1.72249	1.72249	0.145173	0.623256	-1.60448
ch.6.949970F	0.551307	0.887958	-1.12618	0.443047	0.85712	-1.1667	0.953103	0.988473	-1.01166	0.404901	1.18294	1.18294
cg13243497	0.622137	0.907852	-1.1015	0.0841676	1.45041	1.45041	0.449909	0.860849	-1.16164	0.231671	1.27652	1.27652
cg11398511	0.764935	1.09522	1.09522	0.840979	0.940884	-1.06283	0.323645	0.734032	-1.36234	0.0578302	0.521767	-1.91657
cg09000178	0.0253208	2.04288	2.04288	0.516963	0.838177	-1.19307	0.350039	0.772255	-1.29491	0.0352803	0.517522	-1.93229
cg02991011	0.0946223	2.7107	2.7107	0.529101	1.41354	1.41354	0.218302	2.01953	2.01953	0.006853	6.69067	6.69067
cg01707559	0.0475312	4.06971	4.06971	0.0748915	3.41597	3.41597	0.291161	0.507465	-1.97058	0.831101	1.14142	1.14142
cg02860394	0.0268389	0.569107	-1.75714	0.0192217	0.543983	-1.83829	0.790202	0.944296	-1.05899	0.107779	1.45824	1.45824
cg07215511	0.576566	0.931133	-1.07396	0.0513199	1.32399	1.32399	0.880415	1.01922	1.01922	0.0273895	1.39107	1.39107
cg02977954	0.582846	0.758155	-1.31899	0.852988	1.09701	1.09701	0.601314	0.768627	-1.30102	0.761729	0.859165	-1.16392
cg01085228	0.548839	0.872725	-1.14584	0.495847	0.856255	-1.16788	0.501612	0.858083	-1.16539	0.00893308	0.474055	-2.10946
cg21388335	0.586745	0.865916	-1.15485	0.217315	0.711434	-1.40561	0.130102	0.651235	-1.53554	0.965878	1.01128	1.01128
cg02694489	0.529666	0.734602	-1.36128	0.0810441	0.391798	-2.55234	0.893934	0.937427	-1.06675	0.017116	0.244709	-4.08649
cg16046954	0.705917	1.07867	1.07867	0.282631	0.800103	-1.24984	0.102392	0.69974	-1.4291	0.573104	0.892493	-1.12046
cg18013550	0.471442	1.13322	1.13322	0.981966	0.996149	-1.00387	0.961082	0.991704	-1.00837	0.259501	0.81806	-1.2224
cg03900664	0.556111	0.916761	-1.0908	0.0363488	0.701042	-1.42645	0.472092	0.898731	-1.11268	0.0148591	0.645723	-1.54865
cg12990093	0.496854	1.19982	1.19982	0.0104848	0.427133	-2.34119	0.405258	1.25215	1.25215	0.746927	0.918052	-1.08926
cg02026371	0.106837	0.502079	-1.99172	0.118908	0.515619	-1.93941	0.212854	1.67106	1.67106	0.940206	0.971068	-1.02979
cg25365849	0.22222	1.12966	1.12966	0.0142718	1.3327	1.3327	0.407668	1.08382	1.08382	0.134961	0.858001	-1.1655
cg02487202	0.128856	0.610325	-1.63847	0.0234774	0.442984	-2.25742	0.358625	0.752771	-1.32843	0.544997	0.831684	-1.20238
cg15298719	0.0977918	3.35406	3.35406	0.161866	2.7051	2.7051	0.450447	1.66915	1.66915	0.280678	0.47375	-2.11082
cg20087221	0.908562	1.01714	1.01714	0.870483	0.976159	-1.02442	0.184399	1.23145	1.23145	0.451865	1.12001	1.12001
cg03083443	0.5273	1.52876	1.52876	0.00819161	0.106238	-9.41286	0.25054	0.451266	-2.21599	0.0266168	0.175285	-5.705
cg02830545	0.309023	0.88898	-1.12489	0.206329	1.16067	1.16067	0.170578	0.849488	-1.17718	0.0344757	1.31739	1.31739
cg08332868	0.713312	0.937046	-1.06718	0.0768472	1.4144	1.4144	0.0749536	1.41828	1.41828	0.0320743	0.642454	-1.55653
cg06511276	0.0873543	0.687011	-1.45558	0.155821	0.739317	-1.3526	0.619415	0.905209	-1.10472	0.833346	1.0428	1.0428
cg03887094	0.169673	3.07222	3.07222	0.133012	3.4682	3.4682	0.085234	4.30597	4.30597	0.0230176	8.05322	8.05322
cg04011435	0.0917241	0.728145	-1.37335	0.77824	0.952905	-1.04942	0.267945	1.21795	1.21795	0.0375895	0.662207	-1.5101
cg13574488	0.138532	0.234981	-4.25567	0.0475991	0.12776	-7.82718	0.0774696	0.168234	-5.9441	0.0147675	0.0655628	-15.2526
cg21878148	0.251812	1.76281	1.76281	0.444589	1.44636	1.44636	0.299168	1.66454	1.66454	0.882595	0.932414	-1.07248
cg16665335	0.628609	1.13372	1.13372	0.0690153	0.592195	-1.68863	0.394563	0.798887	-1.25174	0.0296598	1.93317	1.93317
cg15656623	0.102277	0.744392	-1.34338	0.321567	1.18419	1.18419	0.814659	0.961976	-1.03953	0.0280206	0.651511	-1.53489
cg11153808	0.0474657	0.290801	-3.43877	0.0267696	0.239453	-4.17619	0.136857	2.39394	2.39394	0.561203	0.726116	-1.37719
cg23660356	0.393452	0.562813	-1.77679	0.0738715	0.269807	-3.70635	0.121884	0.332016	-3.01191	0.0121875	0.128221	-7.79902
cg24193140	0.242159	0.549859	-1.81865	0.0390575	0.311309	-3.21224	0.268447	0.569405	-1.75622	0.012359	0.218325	-4.58033
cg02742133	0.212165	1.62299	1.62299	0.466339	0.760968	-1.31412	0.16805	1.71836	1.71836	0.694844	0.864778	-1.15637
cg23448998	0.163888	1.81152	1.81152	0.680943	0.847587	-1.17982	0.345232	0.677856	-1.47524	0.0353598	0.375295	-2.66457
cg10835417	0.0402387	0.499858	-2.00057	0.0216548	0.446313	-2.24058	0.808175	0.931305	-1.07376	0.325115	1.34622	1.34622
cg02221546	0.891985	1.05237	1.05237	0.965661	0.983955	-1.01631	0.377683	1.40508	1.40508	0.0738305	2.1142	2.1142
cg25619287	0.884174	1.07087	1.07087	0.143147	0.477528	-2.09412	0.0617414	0.372199	-2.68673	0.0805934	0.402411	-2.48502
cg18021257	0.687218	0.800349	-1.24945	0.0833209	0.348263	-2.8714	0.180382	0.457173	-2.18735	0.0327897	0.253071	-3.95146
cg18838701	0.0427985	4.50485	4.50485	0.0812407	0.287154	-3.48245	0.593809	0.706452	-1.41552	0.171255	0.390485	-2.56092
cg22130868	0.880964	1.02362	1.02362	0.233481	0.823121	-1.21489	0.709446	0.943346	-1.06006	0.12787	0.773749	-1.29241
cg25143824	0.244902	0.761249	-1.31363	0.14534	0.704207	-1.42004	0.0857574	0.653196	-1.53093	0.0103639	0.484748	-2.06293
cg08889949	0.357072	1.22827	1.22827	0.0465574	1.64015	1.64015	0.461915	1.17654	1.17654	0.0298534	0.574182	-1.74161
cg14479567	0.121923	0.352498	-2.8369	0.0539315	0.256448	-3.89943	0.417092	0.597039	-1.67493	0.0815871	0.301056	-3.32164
cg13739115	0.415269	0.590685	-1.69295	0.27969	0.491382	-2.03508	0.147946	0.3748	-2.66809	0.0818364	0.295478	-3.38435
cg26075074	0.16189	0.824348	-1.21308	0.684935	1.05417	1.05417	0.558791	0.926387	-1.07946	0.0655163	0.765416	-1.30648
cg24987745	0.0174503	0.402294	-2.48574	0.0145953	0.388125	-2.57649	0.723404	1.11831	1.11831	0.646472	1.15641	1.15641
cg09770904	0.76233	0.952524	-1.04984	0.502476	0.896604	-1.11532	0.729655	0.945886	-1.05721	0.0459914	0.692987	-1.44303
cg27499820	0.98875	1.0066	1.0066	0.428238	1.46035	1.46035	0.0889604	2.4328	2.4328	0.0226507	3.7088	3.7088
cg16480759	0.01722	2.22897	2.22897	0.228393	0.705287	-1.41786	0.607656	1.15376	1.15376	0.279457	0.73305	-1.36416
cg08333063	0.96939	1.00717	1.00717	0.0712017	1.45538	1.45538	0.785522	1.05211	1.05211	0.0223166	1.66512	1.66512
cg23760574	0.298944	0.724931	-1.37944	0.194338	0.663479	-1.50721	0.0488885	0.510685	-1.95815	0.0139216	0.40343	-2.47874
cg05249199	0.875413	0.971568	-1.02926	0.649096	1.08786	1.08786	0.347267	0.837012	-1.19473	0.11375	0.728814	-1.37209
cg09526215	0.0505247	1.74496	1.74496	0.0364985	0.544873	-1.83529	0.824792	0.946116	-1.05695	0.655283	1.1188	1.1188
cg22049732	0.780482	0.941476	-1.06216	0.704496	1.08573	1.08573	0.0347831	1.70086	1.70086	0.622325	0.898375	-1.11312
cg00238770	0.650832	0.922122	-1.08445	0.261894	1.23143	1.23143	0.344536	0.840928	-1.18916	0.090107	0.717212	-1.39429
cg17860381	0.358259	1.21342	1.21342	0.343984	0.819056	-1.22092	0.0665111	0.656168	-1.524	0.0585335	0.645576	-1.549
cg22853713	0.390201	0.608238	-1.64409	0.00476223	0.120466	-8.30112	0.353337	0.583179	-1.71474	0.0556667	0.293919	-3.4023
cg26229024	0.199068	2.13084	2.13084	0.381434	0.606241	-1.64951	0.793272	1.15768	1.15768	0.172178	2.24827	2.24827
cg20969896	0.39633	0.574752	-1.73988	0.00680939	0.106947	-9.35045	?	?	?	0.0850711	0.297007	-3.36692
cg22331200	0.362463	0.638862	-1.56528	0.00614893	0.180674	-5.53482	0.721324	0.842443	-1.18702	0.089254	0.407781	-2.4523
cg00895997	0.0735765	0.264023	-3.78755	0.0500539	0.224994	-4.44455	0.0380499	0.200812	-4.97978	0.150245	0.357165	-2.79983
cg08664487	0.116075	0.394594	-2.53425	0.0322474	0.255284	-3.9172	0.448548	0.656715	-1.52273	0.0413402	0.277696	-3.60106
cg22636278	0.982349	0.994746	-1.00528	0.369408	1.24545	1.24545	0.174336	1.41067	1.41067	0.0070446	0.436308	-2.29196
cg26162794	0.476372	0.800331	-1.24948	0.865234	0.949095	-1.05364	0.792104	1.08464	1.08464	0.343532	0.740723	-1.35003
cg26079857	0.381576	0.535954	-1.86583	0.0266313	0.161067	-6.2086	0.0242483	0.15462	-6.46746	0.143791	0.335689	-2.97895
cg25388404	0.433294	0.830931	-1.20347	0.208163	0.735378	-1.35984	0.0637817	1.62039	1.62039	0.645949	0.898396	-1.11309
cg06811375	0.0777386	1.612	1.612	0.249192	1.3409	1.3409	0.187913	1.40475	1.40475	0.013757	0.476261	-2.09969
cg23851476	0.227909	1.38816	1.38816	0.276404	1.34096	1.34096	0.682386	1.11251	1.11251	0.0687722	0.589878	-1.69527
cg08101407	0.0730772	1.36857	1.36857	0.588239	1.08958	1.08958	0.531494	1.1046	1.1046	0.591976	0.918585	-1.08863
cg01499426	0.100659	1.58829	1.58829	0.894749	0.966518	-1.03464	0.210682	0.712241	-1.40402	0.0274581	1.95627	1.95627
cg22833618	0.49914	0.792029	-1.26258	0.00893402	0.322929	-3.09665	0.561391	0.819085	-1.22087	0.0185215	0.378864	-2.63947
cg07028390	?	?	?	0.0480715	0.427745	-2.33784	0.0971518	1.9823	1.9823	0.18936	1.68632	1.68632
cg05907386	0.200665	1.26632	1.26632	0.958841	0.991025	-1.00906	0.531361	0.895155	-1.11713	0.188831	0.784118	-1.27532
cg20233727	0.151429	2.6662	2.6662	0.73798	1.23887	1.23887	0.738505	0.807549	-1.23832	0.0142426	0.145306	-6.88202
cg07402669	0.29328	1.96991	1.96991	0.239031	0.464484	-2.15293	0.609081	1.37817	1.37817	0.356043	0.554122	-1.80466
cg13167340	0.603303	0.835514	-1.19687	0.00895662	0.31997	-3.12529	0.237972	0.654609	-1.52763	0.308285	0.69665	-1.43544
cg05451912	0.105213	1.18525	1.18525	0.660518	1.04334	1.04334	0.91747	0.990098	-1.01	0.00783055	0.720605	-1.38772
cg22728551	0.120817	1.32629	1.32629	0.616002	1.08857	1.08857	0.315097	1.19048	1.19048	0.0390526	0.669709	-1.49319
cg07269271	0.475352	0.829712	-1.20524	0.0107272	0.438404	-2.281	0.539388	1.17328	1.17328	0.510439	1.18731	1.18731
cg08530934	0.936678	1.01507	1.01507	0.921639	1.0187	1.0187	0.433988	1.1622	1.1622	0.00440746	2.04563	2.04563
cg11442717	0.752493	1.05784	1.05784	0.653178	0.922757	-1.08371	0.278004	1.222	1.222	0.0165667	0.594416	-1.68232
cg23314866	0.167898	0.645449	-1.54931	0.100191	0.584771	-1.71007	0.475028	0.80542	-1.24159	0.0787803	0.559056	-1.78873
cg09470219	0.696412	0.937771	-1.06636	0.703535	0.939271	-1.06466	0.148517	1.28908	1.28908	0.0602035	1.41529	1.41529
cg21834463	0.803019	1.07862	1.07862	0.353822	1.33491	1.33491	0.586623	0.846837	-1.18087	0.00972542	2.69199	2.69199
cg22109000	0.660431	1.40316	1.40316	?	?	?	0.205062	0.356305	-2.80658	?	?	?
cg03430633	0.871517	0.909642	-1.09933	0.538538	0.694649	-1.43958	0.576339	0.718722	-1.39136	0.00241539	0.0844081	-11.8472
cg26830834	0.664434	1.06187	1.06187	0.0337865	0.711117	-1.40624	0.32863	1.14875	1.14875	0.288989	0.859513	-1.16345
cg15109550	0.599732	0.870838	-1.14832	0.836853	1.05533	1.05533	0.395422	1.25522	1.25522	0.634797	0.882524	-1.13311
cg00400614	0.0851944	1.29238	1.29238	0.177961	0.82455	-1.21278	0.823832	0.970397	-1.03051	0.821398	0.969986	-1.03094
cg21877005	0.525066	0.759307	-1.31699	0.286197	0.622805	-1.60564	0.0250991	0.320102	-3.124	0.314842	1.55949	1.55949
cg04899180	0.464487	0.829827	-1.20507	0.705891	1.09965	1.09965	0.0157331	2.09927	2.09927	0.177551	1.43195	1.43195
cg19175822	0.768109	0.948969	-1.05378	0.173962	1.29206	1.29206	0.964962	1.00781	1.00781	0.0561418	1.46698	1.46698
cg00760729	0.47753	0.663446	-1.50728	0.00976689	0.15622	-6.40123	0.905466	0.934728	-1.06983	0.0927633	0.349624	-2.86022
cg25709679	0.70272	0.882818	-1.13274	0.533105	0.814497	-1.22775	0.13186	0.589409	-1.69662	0.250675	1.47718	1.47718
cg10709026	0.833099	1.03342	1.03342	0.213526	1.22637	1.22637	0.629747	0.927119	-1.07861	0.884458	0.977602	-1.02291

Probeset ID	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06043190	0.306132	0.566869	-1.76408	0.0161546	0.206687	-4.83823	2.36135	10.7332	4.04032	1
cg04706556	0.649605	0.916518	-1.09109	0.605233	0.905398	-1.10449	2.36135	1.35855	0.511402	1
cg05890285	0.949562	1.02621	1.02621	0.104284	2.06715	2.06715	2.36133	6.25346	2.35403	1
cg11989422	0.0393597	2.24306	2.24306	0.762722	1.10807	1.10807	2.36131	4.2954	1.61696	1
cg10009056	0.248894	0.447291	-2.23568	0.167968	0.374964	-2.66692	2.36129	16.6651	6.27344	1
cg09729955	0.865001	0.962998	-1.03842	0.441161	1.1901	1.1901	2.36129	1.83608	0.691177	1
cg10840135	0.762611	0.860841	-1.16165	0.038741	0.306075	-3.26718	2.36128	9.14988	3.44441	1
cg02089380	0.413183	1.11028	1.11028	0.241849	1.16554	1.16554	2.36127	0.584766	0.220132	1
cg14678021	0.144621	0.745892	-1.34068	0.082615	1.43288	1.43288	2.36127	1.30921	0.492848	1
cg01807946	0.334638	1.52884	1.52884	0.302921	1.57659	1.57659	2.36126	6.80668	2.56235	1
cg27353085	0.978127	0.987047	-1.01312	0.68028	0.821149	-1.21781	2.36126	8.45736	3.18374	1
cg17557340	0.0813965	2.20835	2.20835	0.528954	1.29901	1.29901	2.36125	6.29059	2.36808	1
cg25922239	0.761202	1.09934	1.09934	0.0179189	2.4447	2.4447	2.36125	3.61058	1.35919	1
cg14210114	0.590796	1.41722	1.41722	0.0430874	0.224208	-4.46014	2.36124	15.4333	5.80986	1
cg09799983	0.0131453	342.313	342.313	0.118217	25.0094	25.0094	2.36122	134.697	50.7073	1
cg18440839	0.482102	1.84658	1.84658	0.195475	0.308706	-3.23933	2.36121	27.5601	10.3751	1
cg17334978	0.988344	1.004	1.004	0.151854	1.52069	1.52069	2.36119	2.78755	1.04939	1
cg05377415	0.791635	1.0424	1.0424	0.362524	0.86349	-1.15809	2.36118	0.919737	0.346244	1
cg01243297	0.734665	0.899471	-1.11177	0.594385	1.18221	1.18221	2.36118	3.62731	1.36554	1
ch.2.1903814R	0.903777	0.914586	-1.09339	0.260459	0.420421	-2.37857	2.36117	20.3808	7.67259	1
cg09150140	0.0385799	0.365985	-2.73235	0.209923	1.74071	1.74071	2.36116	6.58077	2.47741	1
cg02019942	0.687838	0.874736	-1.1432	0.869137	0.94683	-1.05616	2.36113	4.10567	1.54565	1
cg06939851	0.0627257	0.165603	-6.03852	0.125074	0.240371	-4.16024	2.36112	27.5702	10.3793	1
cg12879381	0.503447	1.20727	1.20727	0.143029	0.646188	-1.54754	2.36112	2.87788	1.08343	1
cg13818243	0.525075	0.841354	-1.18856	0.453784	0.814907	-1.22713	2.36112	2.69029	1.01281	1
cg06856188	0.0236947	2.10056	2.10056	0.71632	1.1055	1.1055	2.36112	2.8246	1.06338	1
cg08606356	0.579184	0.896454	-1.11551	0.0573849	0.657423	-1.52109	2.36107	1.42376	0.536015	1
cg18496447	0.0918661	3.97751	3.97751	0.125117	3.43849	3.43849	2.38397	18.5763	7.79219	1
cg10252135	0.1841	0.885124	-1.12979	0.853341	0.984101	-1.01616	2.36106	0.280474	0.105593	1
cg06691520	0.202087	0.526858	-1.89804	0.814145	1.11856	1.11856	2.36102	8.46458	3.18678	1
cg07813275	0.0764594	1.98959	1.98959	0.135565	0.570353	-1.7533	2.36102	4.55612	1.71531	1
cg00786138	0.207174	1.33647	1.33647	0.39538	1.20899	1.20899	2.36101	1.77765	0.669261	1
cg20008332	0.64663	1.15762	1.15762	0.580137	0.837632	-1.19384	2.36101	3.75978	1.41551	1
cg08437167	0.156787	0.632738	-1.58043	0.192748	0.659279	-1.51681	2.36099	3.41527	1.28582	1
ch.6.949970F	0.790797	1.05381	1.05381	0.878409	1.03064	1.03064	2.36094	1.45317	0.547115	1
cg13243497	0.4426	0.85868	-1.16458	0.579174	0.896709	-1.11519	2.36093	1.41618	0.533193	1
cg11398511	0.198593	1.50996	1.50996	0.177926	1.54376	1.54376	2.36091	3.44017	1.29523	1
cg09000178	0.315198	1.32184	1.32184	0.804487	0.935535	-1.06891	2.36089	2.69901	1.01619	1
cg02991011	0.170307	2.2093	2.2093	0.10131	2.64809	2.64809	2.36089	11.0163	4.14771	1
cg01707559	0.475388	1.56748	1.56748	0.0147262	6.41758	6.41758	2.36083	14.3389	5.39881	1
cg02860394	0.429402	0.840808	-1.18933	0.387681	0.826697	-1.20963	2.36083	1.72757	0.650456	1
cg07215511	0.398974	1.11541	1.11541	0.496851	1.09117	1.09117	2.36083	0.598151	0.225213	1
cg02977954	0.897298	1.06658	1.06658	0.335792	0.609322	-1.64117	2.36082	9.31559	3.50748	1
cg01085228	0.824515	1.0511	1.0511	0.0793467	1.54818	1.54818	2.36082	1.8831	0.709018	1
cg21388335	0.446287	1.22585	1.22585	0.396483	1.25579	1.25579	2.3608	2.57269	0.96867	1
cg02694489	0.0473136	0.333116	-3.00196	0.303454	0.596724	-1.67582	2.36079	8.7731	3.30326	1
cg16046954	0.0886683	1.45521	1.45521	0.0162113	1.79932	1.79932	2.36079	1.49194	0.561746	1
cg18013550	0.0366899	1.51347	1.51347	0.827391	0.963405	-1.03798	2.36077	1.08975	0.410318	1
cg03900664	0.514759	0.908072	-1.10123	0.626385	0.930887	-1.07424	2.36077	0.796743	0.299994	1
cg12990093	0.389473	1.26224	1.26224	0.391197	0.792948	-1.26112	2.36074	2.60732	0.981732	1
cg02026371	0.882163	1.05977	1.05977	0.740045	0.877822	-1.13918	2.36074	5.72651	2.1562	1
cg25365849	0.0457957	1.24309	1.24309	0.64094	1.04565	1.04565	2.36073	0.337695	0.127153	1
cg02487202	0.0773354	1.80541	1.80541	0.782248	1.08693	1.08693	2.36073	3.38424	1.27427	1
cg15298719	0.0960654	3.37924	3.37924	0.0248028	5.93036	5.93036	2.36072	16.5958	6.24884	1
cg20087221	0.702213	0.944777	-1.05845	0.63695	1.07283	1.07283	2.36071	0.81757	0.307843	1
cg03083443	0.591167	0.69813	-1.4324	0.934615	0.947075	-1.05588	2.36068	16.4202	6.18288	1
cg02830545	0.0935471	1.22895	1.22895	0.983467	1.00232	1.00232	2.36065	0.467132	0.175896	1
cg08332868	0.850978	1.03369	1.03369	0.402126	1.1631	1.1631	2.36064	1.16078	0.437087	1
cg06511276	0.104994	1.42242	1.42242	0.064604	0.661741	-1.51117	2.36063	1.47908	0.556942	1
cg03887094	0.0186003	8.92872	8.92872	0.0641681	4.93318	4.93318	2.3606	22.0106	8.28812	1
cg04011435	0.522404	1.11714	1.11714	0.76788	0.950686	-1.05187	2.3606	1.09151	0.411009	1
cg13574488	0.116653	0.212628	-4.70305	0.115017	0.210899	-4.7416	2.36058	30.8364	11.6116	1
cg21878148	0.0125609	4.34911	4.34911	0.0753055	2.55423	2.55423	2.36058	8.38361	3.1569	1
cg16665335	0.943877	1.01829	1.01829	0.401961	0.801816	-1.24717	2.36055	2.47878	0.933408	1
cg15656623	0.352782	0.853984	-1.17098	0.542381	1.10717	1.10717	2.36052	1.01883	0.383655	1
cg11153808	0.639407	0.773323	-1.29312	0.214975	0.491132	-2.03611	2.36052	11.0937	4.17749	1
cg23660356	0.143891	0.356125	-2.808	0.315035	0.505024	-1.9801	2.36047	16.1644	6.08709	1
cg24193140	0.0679464	0.368295	-2.71522	0.317377	0.603515	-1.65696	2.36047	8.92424	3.36063	1
cg02742133	0.486733	1.29746	1.29746	0.896422	1.04917	1.04917	2.36046	5.07648	1.91167	1
cg23448998	0.0806066	0.460686	-2.17068	0.200739	0.582456	-1.71687	2.36042	5.98032	2.25207	1
cg10835417	0.848525	1.05754	1.05754	0.49902	0.818078	-1.22238	2.3604	3.20044	1.20523	1
cg02221546	0.984952	1.00711	1.00711	0.886286	0.947658	-1.05523	2.3604	5.2773	1.98735	1
cg25619287	0.0903857	2.40251	2.40251	0.5688	0.762978	-1.31065	2.36039	8.24857	3.10629	1
cg18021257	0.160439	0.43822	-2.28196	0.751912	0.83988	-1.19065	2.36039	11.3176	4.26205	1
cg18838701	0.938839	0.951669	-1.05078	0.171552	2.55904	2.55904	2.36038	15.5782	5.86655	1
cg22130868	0.587104	0.918108	-1.0892	0.0350262	0.681987	-1.4663	2.36037	0.907729	0.34184	1
cg25143824	0.371118	0.813867	-1.2287	0.0895845	0.657221	-1.52156	2.36037	1.88021	0.708065	1
cg08889949	0.955605	1.01216	1.01216	0.598652	0.891103	-1.1222	2.36035	1.76151	0.663372	1
cg14479567	0.842348	1.13184	1.13184	0.215387	0.444413	-2.25016	2.36034	14.4596	5.44539	1
cg13739115	0.0957645	0.314498	-3.17967	0.812114	0.860232	-1.16248	2.36031	14.943	5.62751	1
cg26075074	0.757763	0.96078	-1.04082	0.0236761	1.41811	1.41811	2.3603	0.625251	0.23547	1
cg24987745	0.530957	1.22105	1.22105	0.851913	0.942891	-1.06057	2.3603	3.70136	1.39393	1
cg09770904	0.549878	0.907538	-1.10188	0.00707353	0.572261	-1.74745	2.36029	0.961327	0.362037	1
cg27499820	0.0311614	3.35595	3.35595	0.418687	1.47248	1.47248	2.49749	8.43488	2.62682	1
cg16480759	0.139916	1.55061	1.55061	0.149049	1.53319	1.53319	2.36028	2.85133	1.07382	1
cg08333063	0.606605	0.907809	-1.10155	0.760366	1.05862	1.05862	2.36024	1.29621	0.488164	1
cg23760574	0.367212	0.758226	-1.31887	0.186475	0.658055	-1.51963	2.36021	3.33733	1.25689	1
cg05249199	0.768487	1.05576	1.05576	0.68654	1.07743	1.07743	2.36021	1.26328	0.475771	1
cg09526215	0.955694	0.986216	-1.01398	0.45657	0.827441	-1.20854	2.3602	2.33282	0.878577	1
cg22049732	0.592194	1.1238	1.1238	0.391765	1.20852	1.20852	2.36018	1.7417	0.655958	1
cg00238770	0.767156	1.05426	1.05426	0.0430168	1.51336	1.51336	2.36017	1.18357	0.445758	1
cg17860381	0.109991	1.42862	1.42862	0.181651	1.33686	1.33686	2.36017	1.56722	0.590247	1
cg22853713	0.579822	0.729214	-1.37134	0.431074	0.635216	-1.57427	2.36017	11.9191	4.48899	1
cg26229024	0.0147346	0.187603	-5.33041	0.795339	0.865093	-1.15594	2.36017	11.6181	4.37562	1
cg20969896	0.940869	0.953801	-1.04844	0.601313	0.714521	-1.39954	2.38302	13.6384	5.72318	1
cg22331200	0.0998828	0.421842	-2.37056	0.306813	0.602636	-1.65938	2.36013	8.56536	3.22595	1
cg00895997	0.139609	0.346019	-2.89001	0.318463	0.5024	-1.99045	2.36013	16.6594	6.27441	1
cg08664487	0.208346	0.485687	-2.05894	0.56585	0.729047	-1.37165	2.3601	11.0808	4.17339	1
cg22636278	0.325034	0.785069	-1.27377	0.875901	0.963472	-1.03791	2.3601	2.1192	0.798156	1
cg26162794	0.0265562	2.24484	2.24484	0.0287416	2.21094	2.21094	2.3601	3.5362	1.33185	1
cg26079857	0.32682	0.494831	-2.02089	0.592191	0.686742	-1.45615	2.36009	18.0545	6.79995	1
cg25388404	0.948218	1.01516	1.01516	0.155207	1.42236	1.42236	2.36006	2.00537	0.755301	1
cg06811375	0.949515	1.01554	1.01554	0.23996	1.34942	1.34942	2.36005	2.21725	0.835105	1
cg23851476	0.304574	1.31722	1.31722	0.0250315	1.99549	1.99549	2.36004	2.51004	0.945387	1
cg08101407	0.0137796	1.61265	1.61265	0.0861637	1.34662	1.34662	2.36002	0.920845	0.346832	1
cg01499426	0.7531	1.08458	1.08458	0.280649	0.749368	-1.33446	2.36	2.47427	0.931928	1
cg22833618	0.552223	0.815162	-1.22675	0.620737	0.844081	-1.18472	2.35997	4.31675	1.62591	1
cg07028390	0.301662	1.49511	1.49511	0.0925361	2.00527	2.00527	2.38283	4.73875	1.98871	1
cg05907386	0.852499	1.03305	1.03305	0.00576309	1.88146	1.88146	2.35995	1.14059	0.42961	1
cg20233727	0.696331	1.28432	1.28432	0.0738294	0.280466	-3.56549	2.35994	15.2136	5.7303	1
cg07402669	0.0108044	7.32376	7.32376	0.630935	1.35124	1.35124	2.35993	14.4549	5.44455	1
cg13167340	0.6465	1.17151	1.17151	0.343135	0.715502	-1.39762	2.35988	4.39155	1.65416	1
cg05451912	0.978537	1.00259	1.00259	0.167223	1.15183	1.15183	2.35987	0.34448	0.129755	1
cg22728551	0.081638	0.723312	-1.38253	0.240436	1.22911	1.22911	2.35985	1.05295	0.396618	1
cg07269271	0.629677	0.882541	-1.13309	0.821634	1.05979	1.05979	2.35983	2.47193	0.931115	1
cg08530934	0.486033	1.14257	1.14257	0.864589	0.968373	-1.03266	2.35983	1.32502	0.499103	1
cg11442717	0.460595	0.875017	-1.14284	0.212098	1.26314	1.26314	2.35981	1.18053	0.444682	1
cg23314866	0.817494	1.07128	1.07128	0.105668	0.59066	-1.69302	2.35978	3.31641	1.24923	1
cg09470219	0.952602	0.990307	-1.00979	0.239275	0.817147	-1.22377	2.35978	1.00349	0.377999	1
cg21834463	0.0888148	1.76538	1.76538	0.304184	0.724534	-1.3802	2.35977	3.4268	1.29083	1
cg22109000	0.0133079	0.0880485	-11.3574	0.999518	0.999538	-1.00046	2.62362	13.2409	7.06555	1
cg03430633	0.304144	0.536501	-1.86393	0.750955	1.20479	1.20479	2.35975	12.7946	4.81955	1
cg26830834	0.067507	1.32544	1.32544	0.366421	1.13613	1.13613	2.35973	0.707002	0.266321	1
cg15109550	0.478049	0.828298	-1.20729	0.20497	0.70519	-1.41806	2.3597	2.54919	0.960267	1
cg00400614	0.335895	0.874822	-1.14309	0.95481	1.00767	1.00767	2.3597	0.67883	0.255712	1
cg21877005	0.161452	1.89517	1.89517	0.43983	0.714036	-1.40049	2.3597	6.83106	2.57323	1
cg04899180	0.596694	0.874759	-1.14317	0.447915	1.21385	1.21385	2.35969	2.34625	0.883825	1
cg19175822	0.95506	0.990066	-1.01003	0.742904	0.943358	-1.06004	2.35969	1.17286	0.441815	1
cg00760729	0.818433	1.13956	1.13956	0.109233	0.370734	-2.69735	2.35966	12.0636	4.54438	1
cg25709679	0.58344	1.19722	1.19722	0.897243	0.958874	-1.04289	2.35963	3.94811	1.48728	1
cg10709026	0.830523	1.03395	1.03395	0.957945	0.991819	-1.00825	2.35958	0.906952	0.341663	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20277356	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.120459	0.434501	0.538928	-1.85554	0.840925	1.16858	1.16858	0.677451	1.38302	1.38302	0.113567	3.7991	3.7991	0.631342	1.45468	1.45468	0.171898	3.08753	3.08753	0.0182319	9.22347	9.22347	0.0317789	7.03653	7.03653	0.0820957	4.45186	4.45186	2.35957	22.4584	8.46045	1
cg05492839	ELOVL4	0.120459	0.966564	0.99084	-1.00924	0.149453	1.40398	1.40398	0.192526	1.35363	1.35363	0.350637	1.23478	1.23478	0.453746	0.845743	-1.18239	0.252198	0.769063	-1.30028	0.845607	1.04373	1.04373	0.330688	1.24651	1.24651	0.00714363	2.14396	2.14396	2.35957	1.80102	0.678472	1
cg07501391	NUSAP1;NUSAP1;NUSAP1;OIP5	0.120462	0.0396513	0.48177	-2.07568	0.813428	1.07527	1.07527	0.129799	1.6526	1.6526	0.0579337	1.93093	1.93093	0.147156	1.61208	1.61208	0.17066	1.56496	1.56496	0.756681	0.909006	-1.1001	0.499584	0.810282	-1.23414	0.549274	0.830274	-1.20442	2.35955	3.5212	1.32651	1
cg20396436	SYTL3	0.120468	0.0561579	0.200568	-4.98583	0.0283672	0.146292	-6.83563	0.0416455	0.174731	-5.72308	0.550609	0.638559	-1.56603	0.0488321	0.188044	-5.31789	0.294636	0.446035	-2.24197	0.056355	0.200893	-4.97777	0.207215	0.372335	-2.68576	0.151733	0.319577	-3.12914	2.35949	20.6177	7.7673	1
cg18278424	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.120473	0.0204	0.473586	-2.11155	0.990389	1.00323	1.00323	0.115039	1.58133	1.58133	0.0937922	0.610914	-1.63689	0.0642267	0.573435	-1.74388	0.766122	0.923326	-1.08304	0.981141	1.00634	1.00634	0.505605	0.834737	-1.19798	0.190249	0.690061	-1.44915	2.35945	2.67252	1.00683	1
cg02698926	SDK1;SDK1	0.120473	0.314977	0.797193	-1.2544	0.506143	1.15853	1.15853	0.872377	0.965539	-1.03569	0.790912	1.05968	1.05968	0.621848	0.897222	-1.11455	0.371059	1.22184	1.22184	0.00396607	2.32819	2.32819	0.53087	0.870683	-1.14852	0.600736	0.891198	-1.12209	2.35945	1.77816	0.669897	1
cg06459020	RPL21;RPL21P28	0.120475	0.443058	1.168	1.168	0.21043	1.2996	1.2996	0.690338	1.08277	1.08277	0.43065	0.852374	-1.17319	0.0442654	0.632014	-1.58224	0.0722768	0.671448	-1.48932	0.15523	0.739321	-1.35259	0.17604	1.33064	1.33064	0.292806	1.24199	1.24199	2.35944	1.47347	0.555113	1
cg26067259	NR2F1	0.120477	0.776915	1.20836	1.20836	0.0938941	3.41197	3.41197	0.13814	2.89703	2.89703	0.167098	0.37482	-2.66795	0.693436	0.767999	-1.30209	0.147329	0.354883	-2.81783	0.0312395	0.18563	-5.38707	0.84953	1.1349	1.1349	0.268483	0.463984	-2.15525	2.35941	16.5879	6.24937	1
cg02963229	DCPS	0.120478	0.0340602	1.73011	1.73011	0.0574634	1.60989	1.60989	0.139448	1.42255	1.42255	0.691887	0.915511	-1.09229	0.813846	1.05366	1.05366	0.589259	1.1284	1.1284	0.611604	1.12017	1.12017	0.431826	0.837119	-1.19457	0.0656064	0.632609	-1.58075	2.3594	1.83518	0.691392	1
cg18773129	COMT;COMT;COMT	0.120482	0.549955	1.4283	1.4283	0.0258738	4.75421	4.75421	0.0275681	4.64423	4.64423	0.709968	1.24628	1.24628	0.161255	0.414057	-2.41512	0.517621	1.47197	1.47197	0.172859	2.35116	2.35116	0.0990297	2.90327	2.90327	0.708197	1.24805	1.24805	2.35937	12.9789	4.88977	1
cg01184139	TRIM41;TRIM41	0.120484	0.361984	0.89914	-1.11217	0.293181	1.13171	1.13171	0.0198493	1.37586	1.37586	0.16326	1.18393	1.18393	0.181083	1.17482	1.17482	0.13716	1.19921	1.19921	0.0334074	1.32583	1.32583	0.645329	0.948773	-1.05399	0.810489	1.02763	1.02763	2.35935	0.48107	0.181244	1
cg20593774	PTK2B;PTK2B;PTK2B;PTK2B	0.120485	0.449754	0.523079	-1.91176	0.0181641	11.1713	11.1713	0.668823	1.43629	1.43629	0.699785	1.38543	1.38543	0.0241524	0.104135	-9.60296	0.455838	1.89465	1.89465	0.40047	0.484746	-2.06293	0.742069	0.757389	-1.32033	0.688003	0.712023	-1.40445	2.35935	26.4527	9.96612	1
cg12309596	C4orf19	0.120486	0.0722115	0.565567	-1.76814	0.135437	0.633125	-1.57947	0.105285	0.604895	-1.65318	0.0993325	0.598609	-1.67054	0.0199447	0.450269	-2.2209	0.569581	0.84938	-1.17733	0.325075	1.33461	1.33461	0.51256	0.828078	-1.20762	0.0977375	0.596876	-1.67539	2.35933	3.01479	1.13583	1
cg26803670	ABCB9;ABCB9;ABCB9	0.120487	0.0447961	0.247418	-4.04175	0.459433	0.633339	-1.57893	0.0570727	0.271044	-3.68944	0.233356	0.468748	-2.13334	0.0262455	0.202167	-4.94641	0.282255	0.507857	-1.96906	0.108709	0.346151	-2.88891	0.024683	0.197504	-5.06319	0.274703	0.502006	-1.99201	2.35932	13.7395	5.17644	1
cg19030554	NME3;MRPS34;EME2	0.12049	0.254622	0.621844	-1.60812	0.0725674	2.22585	2.22585	0.21453	1.68519	1.68519	0.784127	1.11591	1.11591	0.296885	0.649246	-1.54025	0.028438	2.8092	2.8092	0.114527	0.503826	-1.98481	0.959785	0.980063	-1.02034	0.560793	1.26479	1.26479	2.3593	5.96034	2.24562	1
cg16022315	ADPRHL1;ADPRHL1	0.120493	0.167797	0.716966	-1.39477	0.546762	1.148	1.148	0.37659	0.814356	-1.22796	0.0674843	0.628971	-1.5899	0.0212993	0.534519	-1.87084	0.0266942	0.551956	-1.81174	0.3741	0.813435	-1.22935	0.493358	0.854328	-1.17051	0.0913986	0.656562	-1.52309	2.35927	1.91401	0.721132	1
cg23207990	SFRP2	0.120494	0.336437	0.746635	-1.33934	0.631124	1.15329	1.15329	0.129353	1.62109	1.62109	0.453482	1.25247	1.25247	0.812413	1.0726	1.0726	0.0902531	0.576738	-1.73389	0.084944	0.570307	-1.75344	0.0382775	2.02956	2.02956	0.42266	1.27309	1.27309	2.35927	3.24734	1.22348	1
cg19100810	RPL32;SNORA7A;RPL32;RPL32	0.120497	0.9101	0.984469	-1.01578	0.058266	0.743364	-1.34524	0.288886	1.16482	1.16482	0.530725	0.915756	-1.09199	0.467679	0.90266	-1.10784	0.814477	1.03311	1.03311	0.706848	0.948988	-1.05375	0.035733	1.40307	1.40307	0.0454143	1.3744	1.3744	2.35924	0.717591	0.270366	1
cg11441704	PDXK	0.120497	0.040658	0.337129	-2.96622	0.201647	0.537791	-1.85946	0.573274	1.29928	1.29928	0.0990087	0.435166	-2.29797	0.0300269	0.309094	-3.23526	0.190469	0.528455	-1.89231	0.0487422	0.355056	-2.81645	0.463583	0.709493	-1.40946	0.0958547	0.4311	-2.31965	2.35924	7.90756	2.97932	1
cg18203994	GPS1;GPS1	0.120502	0.0377091	0.742877	-1.34612	0.142601	0.823377	-1.21451	0.158772	0.830486	-1.20411	0.190526	1.18642	1.18642	0.24497	1.1618	1.1618	0.268429	0.867497	-1.15274	0.287795	0.872762	-1.14579	0.200687	0.846483	-1.18136	0.0893606	0.793751	-1.25984	2.3592	0.568176	0.214075	1
cg00185660	EBF3	0.120502	0.924027	1.03119	1.03119	0.333649	1.3786	1.3786	0.0741101	1.89802	1.89802	0.0484933	2.06626	2.06626	0.0576033	1.99635	1.99635	0.0843774	1.84908	1.84908	0.0709395	1.91476	1.91476	0.0486158	2.06522	2.06522	0.0663637	1.94055	1.94055	2.35919	3.87338	1.4594	1
cg14363981	EFNB2	0.120504	0.137913	5.65888	5.65888	0.170162	4.87929	4.87929	0.113213	6.48937	6.48937	0.459602	0.441803	-2.26345	0.137283	5.67702	5.67702	0.0349476	14.3874	14.3874	0.0724202	8.80153	8.80153	0.0309999	15.6019	15.6019	0.639238	1.66902	1.66902	2.35918	43.9802	16.5708	1
cg07429108	FAM38A	0.120508	0.390396	0.877957	-1.13901	0.014044	0.638609	-1.5659	0.149764	0.795821	-1.25656	0.608965	0.926535	-1.07929	0.0218547	0.665707	-1.50216	0.410459	0.882956	-1.13256	0.624821	0.929703	-1.07561	0.0404289	0.704646	-1.41915	0.858542	0.973961	-1.02674	2.35914	0.817201	0.307909	1
cg00463561	GAR1;GAR1	0.120511	0.608078	1.1551	1.1551	0.079014	1.72228	1.72228	0.0341927	1.99147	1.99147	0.154589	0.653945	-1.52918	0.612625	0.867334	-1.15296	0.15828	0.656752	-1.52264	0.227708	0.702593	-1.4233	0.450457	1.23906	1.23906	0.353254	1.30507	1.30507	2.35912	2.90333	1.09394	1
cg07671291	MAP2K6	0.120511	0.834531	0.96241	-1.03906	0.143421	1.33375	1.33375	0.592873	1.10391	1.10391	0.778999	1.05288	1.05288	0.61885	0.912231	-1.09621	0.385618	0.84966	-1.17694	0.0039983	2.03111	2.03111	0.729722	0.938448	-1.06559	0.663194	1.08357	1.08357	2.35911	1.25355	0.472325	1
cg22392558	ACADM;ACADM	0.120513	0.870272	0.966529	-1.03463	0.0203313	1.79067	1.79067	0.441731	1.1775	1.1775	0.718355	0.927336	-1.07836	0.215163	0.762036	-1.31227	0.0285982	0.58394	-1.7125	0.633687	0.904838	-1.10517	0.68077	1.08999	1.08999	0.454019	1.17218	1.17218	2.3591	1.62103	0.610791	1
cg08104310	ASTN1	0.120514	0.0716824	0.368667	-2.71247	0.182604	0.495688	-2.0174	0.0509804	0.331865	-3.01327	0.545505	1.35468	1.35468	0.0211193	0.252608	-3.9587	0.0815096	0.383645	-2.60658	0.606554	0.772779	-1.29403	0.566908	1.33268	1.33268	0.399563	0.651875	-1.53404	2.35909	9.19877	3.46603	1
cg07061298	HOXA3;HOXA3;HOXA3	0.120515	0.0634172	3.14452	3.14452	0.881808	0.921589	-1.08508	0.0790607	2.91598	2.91598	0.0407042	3.65771	3.65771	0.159267	2.28327	2.28327	0.495024	1.4627	1.4627	0.0800125	2.90402	2.90402	0.388152	1.62491	1.62491	0.0198031	4.68453	4.68453	2.35908	11.2552	4.24089	1
cg08740698	LTBR	0.120515	0.0317678	4.13729	4.13729	0.155243	2.35855	2.35855	0.411259	1.60643	1.60643	0.264433	0.518807	-1.9275	0.290255	1.85748	1.85748	0.756832	1.19152	1.19152	0.179638	2.23461	2.23461	0.0647744	3.22259	3.22259	0.0296288	4.24008	4.24008	2.35908	11.8918	4.48079	1
cg11699593	POLR3D;MIR320A	0.120517	0.833032	0.958958	-1.0428	0.429986	1.17342	1.17342	0.82517	1.0449	1.0449	0.412174	1.18111	1.18111	0.0321189	0.607556	-1.64594	0.101167	0.700238	-1.42809	0.637386	1.09884	1.09884	0.0326644	1.64251	1.64251	0.457336	1.16213	1.16213	2.35906	1.47236	0.55478	1
cg26037239	ILF2	0.12052	0.0864012	0.321542	-3.11001	?	?	?	0.115711	2.78481	2.78481	0.027382	0.209457	-4.77425	0.908882	0.933723	-1.07098	0.466089	1.55935	1.55935	0.216692	2.17845	2.17845	0.715571	0.803164	-1.24508	0.52233	1.4746	1.4746	2.3819	12.0304	5.05075	1
cg15355952	SLC1A3;SLC1A3	0.12052	0.262817	0.508504	-1.96655	0.00718637	0.133971	-7.46429	0.124526	0.3816	-2.62055	0.866929	1.10202	1.10202	0.134897	0.393107	-2.54383	0.0608395	0.294017	-3.40117	0.148182	0.40716	-2.45604	0.241415	0.491475	-2.03469	0.751069	0.831636	-1.20245	2.35904	12.5374	4.72411	1
cg13875003	NCRNA00092	0.120524	0.0789847	0.521788	-1.91649	0.790743	0.915127	-1.09274	0.227362	0.655311	-1.52599	0.60228	0.839165	-1.19166	0.0241857	0.408058	-2.45063	0.61872	0.845928	-1.18213	0.301041	1.42957	1.42957	0.022502	0.401932	-2.48798	0.188591	0.628403	-1.59134	2.359	4.15551	1.56583	1
cg13802316	CTTN;CTTN	0.120525	0.0991571	0.56102	-1.78247	0.140575	1.66008	1.66008	0.428215	0.772118	-1.29514	0.254287	0.683436	-1.46319	0.10645	0.569124	-1.75709	0.695415	1.13407	1.13407	0.0904325	1.81582	1.81582	0.877056	0.951705	-1.05075	0.0677269	0.519786	-1.92387	2.35899	3.81969	1.43929	1
cg15833588	LOC645332	0.120526	0.400073	1.45247	1.45247	0.138885	0.501427	-1.99431	0.670401	0.830679	-1.20384	0.253646	0.596555	-1.67629	0.0180261	0.287938	-3.47297	0.0853577	0.43861	-2.27993	?	?	?	0.301442	0.628808	-1.59031	0.29458	1.60168	1.60168	2.38184	6.29626	2.64344	1
cg20935664	EDF1;EDF1	0.120526	0.0688288	0.620251	-1.61225	0.589688	1.13621	1.13621	0.85685	0.958533	-1.04326	0.272376	0.764936	-1.3073	0.199193	1.37462	1.37462	0.818126	0.947408	-1.05551	0.0197253	1.93578	1.93578	0.353256	0.799291	-1.25111	0.242754	0.750719	-1.33206	2.35898	2.05535	0.774477	1
cg26781109	WNT3	0.120527	0.105198	0.756275	-1.32227	0.541037	0.906973	-1.10257	0.482824	0.893556	-1.11912	0.522402	0.902759	-1.10772	0.981783	1.00361	1.00361	0.611766	1.08412	1.08412	0.00608865	1.75959	1.75959	0.792114	0.959175	-1.04256	0.544453	1.10164	1.10164	2.35898	0.930275	0.350538	1
cg15297110	CXXC4	0.120527	0.621146	1.08474	1.08474	0.245146	1.21956	1.21956	0.233207	1.2264	1.2264	0.0315625	0.662575	-1.50926	0.125686	0.762951	-1.3107	0.0816295	0.729722	-1.37039	0.321533	0.84602	-1.18201	0.38659	0.865101	-1.15593	0.34917	1.17041	1.17041	2.35897	0.995935	0.37528	1
cg16162058	HAND2	0.120528	0.429096	0.671033	-1.49024	0.318741	0.600935	-1.66407	0.795554	0.879566	-1.13692	0.0417151	3.19055	3.19055	0.187369	0.501287	-1.99486	0.584517	0.761174	-1.31376	0.135271	0.451273	-2.21595	0.037889	3.28624	3.28624	0.840581	1.10466	1.10466	2.35896	9.12521	3.4385	1
cg16053334	EHBP1L1	0.120531	0.327374	0.563781	-1.77374	0.0143181	5.53893	5.53893	0.10134	2.76445	2.76445	0.958493	1.02994	1.02994	0.516796	0.688958	-1.45147	0.580204	1.37253	1.37253	0.482266	0.667104	-1.49902	0.121479	0.38611	-2.58994	0.471856	0.660462	-1.51409	2.35894	12.0034	4.52307	1
cg20973408	GNL3L	0.120531	0.0396729	0.270291	-3.69972	0.908102	1.06557	1.06557	0.35702	0.593935	-1.68369	0.0251749	4.32459	4.32459	0.310286	0.561353	-1.78141	0.17965	0.456658	-2.18982	0.281122	0.540049	-1.85168	0.345694	0.58619	-1.70593	0.671841	1.26408	1.26408	2.35894	11.3006	4.25824	1
cg24684050	ZDHHC17	0.120532	0.438443	1.24957	1.24957	0.0046605	0.346188	-2.88861	0.14223	0.640973	-1.56013	0.797578	1.07515	1.07515	0.437514	1.25016	1.25016	0.361204	0.767506	-1.30292	0.869873	1.04731	1.04731	0.723288	0.904636	-1.10542	0.840527	1.05844	1.05844	2.35893	2.96925	1.11887	1
cg07371029	C10orf93	0.120534	0.371375	0.648753	-1.54142	0.178046	1.9634	1.9634	0.823504	1.11106	1.11106	0.844434	0.911542	-1.09704	0.00392537	0.160452	-6.2324	0.433562	0.686102	-1.45751	0.780886	1.14049	1.14049	0.994949	1.00299	1.00299	0.628338	0.794566	-1.25855	2.35891	8.3033	3.12886	1
cg18229820	SELE	0.120536	0.0467522	0.158615	-6.30458	0.126123	0.262271	-3.81285	0.151314	0.288379	-3.46766	0.113162	0.24801	-4.03209	0.0124009	0.0806908	-12.393	0.0635576	0.185076	-5.4032	0.227704	0.359133	-2.78448	0.252344	0.380223	-2.63003	0.123397	0.259325	-3.85617	2.35889	24.4345	9.20754	1
cg23918507	DLGAP1;DLGAP1	0.120537	0.0282789	0.270985	-3.69024	0.330315	1.65943	1.65943	0.772689	1.15723	1.15723	0.772058	1.15771	1.15771	0.792214	0.875365	-1.14238	0.984438	1.00988	1.00988	0.0584213	0.340227	-2.93921	0.0222889	0.251335	-3.97876	0.992864	1.00452	1.00452	2.35889	9.4969	3.57868	1
cg24614473	TTC39B;TTC39B;TTC39B;TTC39B;TTC39B	0.120538	0.989185	0.996634	-1.00338	0.401259	1.23827	1.23827	0.391741	0.803906	-1.24393	0.253607	0.743361	-1.34524	0.89384	0.967334	-1.03377	0.35621	1.26625	1.26625	0.00479527	2.53736	2.53736	0.494244	0.841412	-1.18848	0.769943	1.07567	1.07567	2.35888	2.31169	0.871108	1
cg06340713	CHM;CHM	0.120539	0.869358	0.956906	-1.04503	0.298785	1.33402	1.33402	0.756916	1.08664	1.08664	0.628054	1.13956	1.13956	0.0248186	0.489244	-2.04397	0.272992	1.35704	1.35704	0.71157	0.905394	-1.10449	0.027799	2.00548	2.00548	0.29372	0.747171	-1.33838	2.35887	2.67538	1.00816	1
cg13382100	PUS1;PUS1;PUS1	0.120541	0.0243583	0.293763	-3.40411	0.690244	1.20067	1.20067	0.655173	1.22779	1.22779	0.360149	0.650829	-1.5365	0.0427173	0.344721	-2.9009	0.9587	0.976635	-1.02392	0.173553	0.51631	-1.93682	0.0440226	0.347676	-2.87624	0.119021	0.461888	-2.16503	2.35885	7.78665	2.93425	1
cg25885038	SEPT4;SEPT4;SEPT4	0.120541	0.0729856	6.3701	6.3701	0.0170194	14.7911	14.7911	0.160313	4.01006	4.01006	0.188083	3.638	3.638	0.263736	2.94079	2.94079	0.461189	2.00289	2.00289	0.155869	4.07868	4.07868	0.0334369	9.98391	9.98391	0.048846	8.0273	8.0273	2.35885	32.0268	12.0687	1
cg13525683	TIAF1;MYO18A;MYO18A;TIAF1	0.120541	0.270918	1.34779	1.34779	0.664205	0.892496	-1.12045	0.608339	1.14406	1.14406	0.271006	1.34771	1.34771	0.0559333	1.75742	1.75742	0.216016	1.40359	1.40359	0.00537425	2.59722	2.59722	0.26807	1.35039	1.35039	0.224889	1.39365	1.39365	2.35885	2.533	0.954513	1
cg20682376	TNFRSF13B	0.120542	0.353993	0.854722	-1.16997	0.785788	1.04587	1.04587	0.123887	0.760097	-1.31562	0.408993	0.870218	-1.14914	0.434525	1.14026	1.14026	0.0727507	1.39032	1.39032	0.0174812	1.6099	1.6099	0.7311	1.05843	1.05843	0.289098	1.19859	1.19859	2.35885	1.01236	0.381491	1
cg07592190	GRIA4;GRIA4	0.120543	0.891869	0.904276	-1.10586	0.255354	0.415407	-2.40728	0.560561	1.54554	1.54554	0.431885	1.81018	1.81018	0.98553	1.01351	1.01351	0.764993	1.2483	1.2483	0.0191225	8.14873	8.14873	0.0149216	9.15799	9.15799	0.239348	2.48816	2.48816	2.35883	20.4462	7.70485	1
cg10230190	MCOLN2	0.120546	0.0461778	0.155264	-6.44062	0.215598	0.345528	-2.89412	0.147958	0.282089	-3.54498	0.107602	0.238885	-4.18612	0.0322605	0.129448	-7.72509	0.163989	0.297922	-3.35659	0.0182042	0.0965639	-10.3558	0.178515	0.311784	-3.20735	0.160485	0.294513	-3.39544	2.3588	24.8358	9.35908	1
cg01797381	IL17RD	0.120546	0.0633599	0.433882	-2.30478	0.151644	1.84842	1.84842	0.269108	1.5845	1.5845	0.76325	0.886202	-1.12841	0.0727539	0.449085	-2.22675	0.676476	1.18272	1.18272	0.555778	1.26908	1.26908	0.219381	1.67617	1.67617	0.0823118	0.463154	-2.15911	2.3588	5.97464	2.25148	1
cg22835709	INO80	0.120547	0.104255	1.5909	1.5909	0.568288	1.16272	1.16272	0.814774	1.06327	1.06327	0.0177592	0.470669	-2.12464	0.0840413	1.64832	1.64832	?	?	?	0.467508	0.82426	-1.21321	0.83354	1.05656	1.05656	0.814607	0.940439	-1.06333	2.38165	2.29153	0.962161	1
cg09109133	CDH13	0.120548	0.632667	0.877722	-1.13931	0.061857	0.565783	-1.76746	0.165709	0.670057	-1.49241	0.126448	1.56483	1.56483	0.120825	0.634036	-1.5772	0.0744412	1.71309	1.71309	0.857288	1.04996	1.04996	0.320243	0.757167	-1.32071	0.246015	0.719929	-1.38903	2.35879	2.74043	1.03271	1
cg03943594	DIP2C	0.120549	0.704883	0.949059	-1.05368	0.0173079	0.67143	-1.48936	0.614162	0.932532	-1.07235	0.146688	1.23868	1.23868	0.211372	1.19833	1.19833	0.51194	0.912654	-1.09571	0.0666591	1.32652	1.32652	0.600531	0.929972	-1.0753	0.857996	1.02492	1.02492	2.35878	0.705361	0.26581	1
cg13588403	DPF3	0.12055	0.666485	0.673601	-1.48456	0.711469	1.40293	1.40293	0.292281	2.70659	2.70659	0.140712	4.23759	4.23759	0.257081	2.93837	2.93837	0.966686	0.962657	-1.03879	0.0130412	16.5555	16.5555	0.0175795	13.9117	13.9117	0.295896	2.68509	2.68509	2.35878	31.0223	11.6905	1
cg15569224	NEK3;NEK3;NEK3;NEK3	0.120552	?	?	?	0.55753	0.759677	-1.31635	0.446755	0.697833	-1.43301	0.204608	1.86703	1.86703	0.0147913	0.238281	-4.19672	0.474043	1.40168	1.40168	?	?	?	0.24512	1.76173	1.76173	0.463369	0.707361	-1.4137	2.54417	6.565	2.58041	1
cg11408656	LIN9	0.120554	0.158696	0.739218	-1.35278	0.0196	0.568014	-1.76052	0.0425754	0.626074	-1.59726	0.271353	0.794802	-1.25818	0.372371	0.832202	-1.20163	0.793088	0.948643	-1.05414	0.229379	1.28783	1.28783	0.13404	0.72319	-1.38276	0.143863	0.729833	-1.37018	2.35873	1.50268	0.566286	1
cg23055159	COMMD8	0.120556	0.0996046	1.45921	1.45921	0.567978	0.886171	-1.12845	0.459759	1.17069	1.17069	0.252313	1.2845	1.2845	0.515468	1.14806	1.14806	0.0215972	1.78184	1.78184	0.0430436	0.614192	-1.62816	0.932396	1.01792	1.01792	0.829102	1.0463	1.0463	2.35872	1.63768	0.617163	1
cg23347850	ICA1;ICA1;ICA1	0.12056	0.988712	1.0029	1.0029	0.127866	1.40109	1.40109	0.019033	0.559013	-1.78887	0.424487	0.846109	-1.18188	0.0563735	0.642335	-1.55682	0.681738	0.918991	-1.08815	0.136507	0.719894	-1.38909	0.92255	0.980274	-1.02012	0.139879	0.722216	-1.38463	2.35868	1.568	0.590914	1
cg01430302	USP10	0.120566	0.270384	0.553039	-1.80819	0.210717	0.506271	-1.97523	0.27033	0.552998	-1.80832	0.170273	0.470564	-2.12511	0.0105467	0.190013	-5.26279	0.897356	0.935556	-1.06888	0.243943	0.533008	-1.87614	0.282451	1.77975	1.77975	0.0560255	0.327216	-3.05609	2.35863	9.95154	3.7504	1
cg21977218	SFRS12;SFRS12	0.12057	0.389503	0.779377	-1.28308	0.631632	1.1463	1.1463	0.0828687	1.72088	1.72088	0.231656	1.42562	1.42562	0.160969	0.654929	-1.52688	0.34444	1.31688	1.31688	0.463357	0.809784	-1.2349	0.0198754	2.21366	2.21366	0.414019	0.789756	-1.26621	2.3586	2.98455	1.12479	1
cg26156860	KCTD15;KCTD15;KCTD15	0.120571	0.879778	1.04747	1.04747	0.0170618	0.410177	-2.43797	0.431854	1.27868	1.27868	0.857267	1.05672	1.05672	0.207189	0.665231	-1.50324	0.352189	1.34096	1.34096	0.870679	0.951298	-1.05119	0.07042	1.85832	1.85832	0.176632	1.55297	1.55297	2.35858	3.50793	1.32205	1
cg01182690	PPHLN1;PPHLN1;PPHLN1;PPHLN1;ZCRB1;PPHLN1;PPHLN1;PPHLN1;PPHLN1	0.120574	0.0192318	0.47523	-2.10424	0.289472	1.33485	1.33485	0.559855	1.16751	1.16751	0.285426	1.33836	1.33836	0.0611824	1.74051	1.74051	0.297784	1.32781	1.32781	0.265211	0.737116	-1.35664	0.463778	1.21639	1.21639	0.680724	1.11481	1.11481	2.35856	2.57757	0.97143	1
cg05063806	C1orf113;C1orf113	0.120577	0.4247	0.905555	-1.10429	0.522218	1.08212	1.08212	0.0122778	1.4616	1.4616	0.828247	1.02679	1.02679	0.0902387	0.796767	-1.25507	0.965823	1.00523	1.00523	0.184998	0.842766	-1.18657	0.241059	0.861273	-1.16107	0.690265	1.04995	1.04995	2.35853	0.553137	0.208467	1
cg04538585	LGR5	0.12058	0.0994775	0.327596	-3.05254	0.0117671	0.143043	-6.9909	0.0689265	0.284213	-3.51849	0.932614	0.949074	-1.05366	0.0456999	0.242711	-4.12012	0.174748	0.40979	-2.44028	0.428448	0.606756	-1.64811	0.102452	0.331384	-3.01765	0.359015	0.558274	-1.79124	2.3585	14.2683	5.37755	1
cg21214969	DCLRE1B	0.120583	0.161102	0.74292	-1.34604	0.0521385	0.644948	-1.55051	0.120597	0.715875	-1.39689	0.915781	0.979217	-1.02122	0.098191	1.4335	1.4335	0.0646204	0.662257	-1.50999	0.911538	0.978177	-1.02231	0.432257	0.85289	-1.17248	0.0768303	0.676597	-1.47799	2.35848	1.47238	0.554926	1
cg05608588	TRRAP	0.120583	0.296	1.14391	1.14391	0.379109	0.894083	-1.11846	0.13108	1.22418	1.22418	0.370574	0.892184	-1.12084	0.541034	1.0798	1.0798	0.324614	1.13452	1.13452	0.00910382	0.662893	-1.50854	0.866758	0.979381	-1.02105	0.811357	1.03011	1.03011	2.35848	0.575039	0.216727	1
cg13255096	MAP3K5	0.120584	0.377779	0.842421	-1.18706	0.997502	0.999407	-1.00059	0.503516	1.13728	1.13728	0.479608	1.14588	1.14588	0.844045	0.963368	-1.03802	0.22176	0.784003	-1.2755	0.00471402	0.490915	-2.03701	0.96808	0.992447	-1.00761	0.304453	1.22325	1.22325	2.35847	1.34109	0.505445	1
cg14079545	SYNGAP1	0.120586	0.499949	0.739255	-1.35271	0.0540162	0.381	-2.62467	0.144889	0.501177	-1.9953	0.923812	1.04311	1.04311	0.00641212	0.209164	-4.78093	0.434899	0.703627	-1.42121	0.227085	0.571493	-1.7498	0.8495	0.919602	-1.08743	0.0961303	0.446559	-2.23935	2.35846	7.27119	2.74047	1
cg09562683	CALHM2;CALHM2	0.120586	0.0584443	1.73053	1.73053	0.0806381	0.60837	-1.64374	0.641545	0.886692	-1.12779	0.417379	0.808497	-1.23686	0.224014	1.3877	1.3877	0.30071	1.31661	1.31661	0.102481	1.58143	1.58143	0.196618	0.704559	-1.41933	0.355224	0.783536	-1.27627	2.35845	2.45748	0.926211	1
cg15776355	C1R	0.12059	0.0255729	0.278435	-3.5915	0.137427	0.462501	-2.16216	0.497028	0.717228	-1.39426	0.659488	0.807572	-1.23828	0.0124399	0.223305	-4.47817	0.0914713	0.408289	-2.44924	0.0918946	0.408861	-2.44582	0.393581	0.656247	-1.52382	0.178338	0.501945	-1.99225	2.35842	8.67757	3.27058	1
cg03818193	MSI2;MSI2	0.120592	0.249818	0.66959	-1.49345	0.349068	0.725069	-1.37918	0.436587	0.767448	-1.30302	0.454144	0.775471	-1.28954	0.00506205	0.290538	-3.44189	0.318248	0.708905	-1.41063	0.153469	1.66482	1.66482	0.832951	0.931984	-1.07298	0.987093	1.00541	1.00541	2.3584	4.15437	1.56579	1
cg22416769	PRDM15;PRDM15	0.120594	0.895292	0.968496	-1.03253	0.0546248	0.588608	-1.69892	0.493796	1.18404	1.18404	0.519466	0.853211	-1.17204	0.0210588	0.509382	-1.96316	0.440097	1.21095	1.21095	0.887358	0.966132	-1.03506	0.301037	0.770662	-1.29759	0.0319236	0.542719	-1.84257	2.35839	2.20743	0.831994	1
cg17809632	SLC5A6;C2orf28;SLC5A6;C2orf28;C2orf28	0.120594	0.289587	0.761386	-1.31339	0.066924	1.66425	1.66425	0.215313	1.3819	1.3819	0.99112	0.997244	-1.00276	0.697394	1.10176	1.10176	0.0114307	0.456125	-2.19238	0.448132	0.825534	-1.21134	0.629531	0.886434	-1.12812	0.936829	0.980533	-1.01985	2.35838	2.29742	0.865911	1
cg15828524	CACNB3	0.120601	0.499588	1.31545	1.31545	0.0129475	3.43518	3.43518	0.0588514	2.34826	2.34826	0.141095	1.88371	1.88371	0.256655	1.60587	1.60587	0.0557882	2.37967	2.37967	0.392265	0.704236	-1.41998	0.29384	1.54592	1.54592	0.413286	1.39741	1.39741	2.35833	5.97811	2.25324	1
cg26039962	PIK3R4;PIK3R4	0.120603	0.151584	0.592673	-1.68727	0.694839	0.874384	-1.14366	0.0499202	2.1411	2.1411	0.116544	0.559551	-1.78715	0.193337	1.59784	1.59784	0.453933	1.29658	1.29658	0.175001	0.611935	-1.63416	0.947233	1.02279	1.02279	0.0980606	0.539098	-1.85495	2.35831	4.32976	1.63197	1
cg14305701	INPP5A	0.120605	0.676756	0.826755	-1.20955	0.00374581	0.169315	-5.90614	0.0497985	0.362276	-2.76032	0.955298	0.974884	-1.02576	0.690168	0.83375	-1.1994	0.305455	0.617843	-1.61853	0.589539	0.781019	-1.28038	0.314244	0.623593	-1.60361	0.980204	0.988804	-1.01132	2.35828	7.6907	2.89879	1
cg14851271	HLA-DMA	0.120607	0.343367	0.791718	-1.26308	0.489679	0.845437	-1.18282	0.407799	0.816616	-1.22457	0.294413	0.770906	-1.29717	0.00778564	0.441529	-2.26486	0.148552	0.690222	-1.44881	0.55541	1.15339	1.15339	0.0278933	0.537047	-1.86203	0.508099	0.851599	-1.17426	2.35827	2.13812	0.805908	1
cg04796672	FAM157A	0.120608	0.680117	0.926443	-1.0794	0.125922	0.737002	-1.35685	0.440761	0.865128	-1.1559	0.566883	0.898822	-1.11257	0.894309	1.0248	1.0248	0.880862	0.97274	-1.02802	0.00251452	0.461501	-2.16684	0.486991	0.877964	-1.139	0.771384	0.947724	-1.05516	2.35826	1.26843	0.478101	1
cg00771346	FRMD4B	0.12061	0.0978411	3.11326	3.11326	0.460818	1.59923	1.59923	0.748925	0.818073	-1.22238	0.153519	2.60028	2.60028	0.156066	2.58293	2.58293	0.12038	2.86765	2.86765	0.0158953	6.33899	6.33899	0.0770267	3.41956	3.41956	0.0496261	4.05752	4.05752	2.35824	14.605	5.50506	1
cg02971481	SPRED3;SPRED3;GGN	0.12061	0.309063	0.754509	-1.32537	0.0558878	0.560142	-1.78526	0.384027	1.26977	1.26977	0.322439	0.760715	-1.31455	0.254147	0.727145	-1.37524	0.0255746	0.491744	-2.03358	0.289365	0.74507	-1.34216	0.252599	1.3768	1.3768	0.28936	1.34216	1.34216	2.35824	2.67422	1.00799	1
cg10543035	NPHS2	0.120611	0.117613	1.7795	1.7795	0.0164231	2.70313	2.70313	0.783147	1.09807	1.09807	0.403341	1.33643	1.33643	0.181639	1.61743	1.61743	0.137576	1.71994	1.71994	0.344224	1.39152	1.39152	0.0129997	2.8439	2.8439	0.203281	1.57683	1.57683	2.35823	4.29514	1.61897	1
cg17163168	TP73	0.120611	0.114991	4.38291	4.38291	0.376567	0.45732	-2.18665	0.630213	1.51929	1.51929	0.19074	3.30216	3.30216	0.527307	0.575668	-1.73711	0.643249	1.49503	1.49503	0.452698	0.517057	-1.93402	0.0250497	9.95768	9.95768	0.0313459	8.82367	8.82367	2.35823	27.7658	10.4658	1
cg27304043	SPRY1;SPRY1	0.120613	0.212066	0.591517	-1.69057	0.74332	0.876995	-1.14026	0.55498	0.787803	-1.26935	0.736272	0.873695	-1.14456	0.05946	0.427506	-2.33915	0.517642	0.769501	-1.29954	0.0283855	0.35576	-2.81088	0.0818745	0.462954	-2.16004	0.0125789	0.289506	-3.45416	2.35822	5.9592	2.24621	1
cg25508605	SLCO3A1;SLCO3A1	0.120614	0.213771	0.686331	-1.45702	0.0902535	1.71049	1.71049	0.0249496	2.15363	2.15363	0.865654	1.04989	1.04989	0.934323	1.02398	1.02398	0.886476	0.959759	-1.04193	0.0213111	2.2159	2.2159	0.9037	0.965797	-1.03541	0.690006	1.12218	1.12218	2.35821	3.08763	1.16383	1
cg11046673	MED12L;P2RY13	0.120614	0.0807705	0.485869	-2.05817	0.7597	1.12115	1.12115	0.552967	0.799536	-1.25073	0.701738	1.15423	1.15423	0.00603988	0.262676	-3.80697	0.478958	0.764691	-1.30772	0.369981	0.709518	-1.40941	0.646807	1.18764	1.18764	0.110562	0.523023	-1.91196	2.35821	5.18912	1.95596	1
cg24544309	ARID1A;ARID1A	0.120614	0.376094	0.707157	-1.41411	0.806899	1.09792	1.09792	0.736982	0.87934	-1.13722	0.391747	1.39755	1.39755	0.00730001	0.26721	-3.74237	0.167312	0.57034	-1.75334	0.826612	0.919721	-1.08729	0.928933	0.966544	-1.03461	0.0458874	0.417726	-2.39391	2.35821	5.43484	2.04858	1
cg24992577	PCDHB1	0.120615	0.293576	0.799848	-1.25024	0.996512	0.999104	-1.0009	0.249805	0.781501	-1.27959	0.0518418	1.5739	1.5739	0.075666	0.66676	-1.49979	0.144406	0.725139	-1.37905	0.21193	0.763728	-1.30937	0.0654429	0.654507	-1.52787	0.184607	0.749421	-1.33436	2.3582	1.56939	0.59156	1
cg11461694	SLC39A8;SLC39A8;SLC39A8;SLC39A8	0.120617	0.478428	1.18694	1.18694	0.110828	1.51155	1.51155	0.805059	0.942891	-1.06057	0.665464	0.901721	-1.10899	0.723073	1.08829	1.08829	0.720847	1.08907	1.08907	0.0076903	0.442869	-2.258	0.280878	1.30544	1.30544	0.334275	1.2672	1.2672	2.35819	2.1121	0.79613	1
cg02911387	CUX1;CUX1;CUX1	0.120619	0.752916	0.843475	-1.18557	0.0107022	5.63586	5.63586	0.18551	2.13135	2.13135	0.310957	0.568322	-1.75957	0.136601	2.37366	2.37366	0.869826	1.09243	1.09243	0.789141	1.15544	1.15544	0.163838	0.448944	-2.22745	0.372033	1.63889	1.63889	2.35816	10.8513	4.09032	1
cg01757887	TTTY4;TTTY4B;TTTY4C	0.12062	0.0746823	4.16382	4.16382	0.935077	1.06028	1.06028	0.898561	0.912445	-1.09596	0.19202	0.37077	-2.69709	0.0355616	0.172415	-5.79996	0.279416	2.24316	2.24316	0.120884	3.34819	3.34819	0.160837	2.93321	2.93321	0.653032	1.38418	1.38418	2.35816	19.277	7.2663	1
cg06632098	RET;RET	0.120622	0.017676	0.135461	-7.3822	0.168596	0.361932	-2.76295	0.123826	0.315175	-3.17284	0.120685	0.311613	-3.20911	0.0247799	0.157019	-6.36865	0.218844	0.408234	-2.44957	0.285311	0.463562	-2.15721	0.250106	0.434906	-2.29935	0.0507611	0.213975	-4.67345	2.35814	17.9245	6.75656	1
cg01781649	PPFIA4	0.120624	0.457018	0.792191	-1.26232	0.745346	1.10542	1.10542	0.572212	1.19188	1.19188	0.724632	0.89693	-1.11491	0.00383073	0.301525	-3.31647	0.597026	0.848665	-1.17832	0.836088	0.93827	-1.06579	0.203307	1.51134	1.51134	0.503453	0.811539	-1.23223	2.35812	3.53259	1.3316	1
cg17525654	MYOCD;MYOCD;MYOCD	0.120624	0.0399672	0.236099	-4.23551	0.0574057	0.270691	-3.69425	0.212627	0.450167	-2.2214	0.54905	1.44575	1.44575	0.63746	1.33457	1.33457	0.538369	1.46049	1.46049	0.0379444	0.231509	-4.31948	0.299823	0.520331	-1.92185	0.12018	0.358814	-2.78696	2.35812	13.8063	5.20426	1
cg20102045	MYO16	0.120627	0.530102	0.798888	-1.25174	0.715348	0.878712	-1.13803	0.332373	1.42337	1.42337	0.530689	0.799151	-1.25133	0.398228	0.736868	-1.35709	0.420022	1.33756	1.33756	0.00877229	3.2492	3.2492	0.0608869	2.10819	2.10819	0.771907	0.902478	-1.10806	2.3581	4.65443	1.7545	1
cg13102889	HES5	0.12063	0.0500536	0.338053	-2.95811	0.0774211	0.385656	-2.59299	0.658127	0.805607	-1.2413	0.50777	0.721698	-1.38562	0.0412377	0.318877	-3.13601	0.84549	1.09933	1.09933	0.0722239	0.37762	-2.64816	0.0223907	0.264982	-3.77384	0.292208	0.588345	-1.69968	2.35806	8.79891	3.31681	1
cg26212303	DLL4	0.120631	0.0222061	0.722623	-1.38385	0.325006	1.128	1.128	0.0613119	0.778915	-1.28384	0.129523	0.823576	-1.21422	0.054947	0.772653	-1.29424	0.601488	1.06444	1.06444	0.221615	0.858778	-1.16444	0.650686	0.947413	-1.05551	0.527338	0.926915	-1.07885	2.35806	0.524481	0.197707	1
cg00554570	RPTOR;RPTOR	0.120633	0.0860753	0.674409	-1.48278	0.0905911	1.47293	1.47293	0.919148	1.02131	1.02131	0.903256	0.975061	-1.02558	0.246902	1.28591	1.28591	0.227385	0.768596	-1.30107	0.0199871	1.79167	1.79167	0.810822	1.05107	1.05107	0.671575	0.915235	-1.09262	2.35804	1.61094	0.607261	1
cg27432699	GPN1;GPN1;GPN1;GPN1;GPN1	0.120636	0.128993	0.499163	-2.00335	0.0975893	0.463067	-2.15951	0.0486154	0.385188	-2.59614	0.930919	1.0374	1.0374	0.0497003	0.38743	-2.58111	0.919976	0.958332	-1.04348	0.0235179	0.317975	-3.1449	0.783038	1.12402	1.12402	0.152357	0.522393	-1.91427	2.35801	6.6993	2.5254	1
cg05263682	RNGTT;RNGTT	0.120637	0.341466	1.34597	1.34597	?	?	?	0.0403504	2.04998	2.04998	0.59181	0.848685	-1.17829	0.227426	0.681085	-1.46825	0.112773	0.592599	-1.68748	0.221104	0.677141	-1.4768	0.0856532	0.56224	-1.7786	0.591545	0.848583	-1.17843	2.38084	3.0794	1.29341	1
cg18269143	C22orf42	0.120638	0.984615	1.00892	1.00892	0.0121669	4.22018	4.22018	0.0559723	2.71181	2.71181	0.537705	1.33315	1.33315	0.294134	0.605675	-1.65105	0.771373	0.874363	-1.14369	0.065713	2.58998	2.58998	0.883228	0.934518	-1.07007	0.632664	1.24845	1.24845	2.358	7.92962	2.98921	1
cg01006034	CCNL2;CCNL2;CCNL2;CCNL2	0.120642	0.54298	0.889996	-1.1236	0.722417	0.934721	-1.06984	0.043128	0.643782	-1.55332	0.961856	0.990989	-1.00909	0.0199115	1.7021	1.7021	0.446865	1.15805	1.15805	0.174409	1.31447	1.31447	0.335324	0.828581	-1.20688	0.509791	0.881129	-1.13491	2.35796	1.33773	0.50429	1
cg08890360	C10orf137	0.120644	0.00506169	0.400889	-2.49445	0.846192	0.953232	-1.04906	0.834267	0.949639	-1.05303	0.10873	0.649563	-1.5395	?	?	?	0.441445	1.2136	1.2136	0.518549	0.850939	-1.17517	0.807775	1.06196	1.06196	0.761179	0.927575	-1.07808	2.38078	2.03868	0.856308	1
cg12654502	IREB2;IREB2	0.120644	0.0850036	1.43646	1.43646	0.95658	0.989699	-1.01041	0.998155	1.00044	1.00044	0.0148524	0.565611	-1.768	0.637801	0.91377	-1.09437	0.241073	0.791853	-1.26286	0.6494	0.916646	-1.09093	0.0653044	0.674704	-1.48213	0.546963	1.1229	1.1229	2.35794	1.35054	0.50912	1
cg11673092	ARMC3	0.120645	0.4604	0.728261	-1.37313	0.00503586	0.209046	-4.78364	0.0530271	0.395497	-2.52846	0.254181	0.605097	-1.65263	0.0677757	0.421795	-2.37082	0.432938	0.713455	-1.40163	0.476852	0.736989	-1.35687	0.693687	0.846188	-1.18177	0.674513	0.836768	-1.19507	2.35794	6.64782	2.50608	1
cg12157387	PARD3B;PARD3B;PARD3B	0.120649	0.188865	0.427009	-2.34187	0.0140835	0.156831	-6.37631	0.151847	0.391207	-2.55619	0.648192	0.755165	-1.32421	0.0640555	0.280219	-3.56864	0.259592	0.487281	-2.0522	0.0846636	0.311687	-3.20834	0.0281915	0.205101	-4.87566	0.404283	0.593532	-1.68483	2.3579	13.9547	5.2607	1
cg16387742	SDK1	0.120651	0.158027	0.684958	-1.45994	0.614104	0.880324	-1.13595	0.856217	1.04652	1.04652	0.763104	1.07873	1.07873	0.967364	0.989795	-1.01031	0.101429	0.637877	-1.5677	0.027688	1.92045	1.92045	0.210591	1.39198	1.39198	0.0841973	0.619423	-1.61441	2.35789	2.34715	0.884842	1
cg09023627	SPEN	0.120652	0.261376	0.660549	-1.51389	0.59671	1.20812	1.20812	0.360148	0.716711	-1.39526	0.634156	0.843889	-1.18499	0.0227934	0.381082	-2.62411	0.0800441	0.502778	-1.98895	0.0239986	0.385477	-2.59419	0.983507	1.00735	1.00735	0.0756903	0.496595	-2.01371	2.35788	4.68087	1.76463	1
cg14467066	BAHCC1	0.120652	0.70508	1.05989	1.05989	0.502088	1.10983	1.10983	0.122232	1.29204	1.29204	0.666945	1.06847	1.06847	0.974919	1.00482	1.00482	0.0530096	0.714372	-1.39983	0.0240307	1.50947	1.50947	0.160183	0.794903	-1.25802	0.500416	1.1103	1.1103	2.35787	0.87386	0.329434	1
cg09667649	BLCAP;BLCAP;BLCAP;BLCAP	0.120653	?	?	?	0.0912194	2.49773	2.49773	0.345332	1.6052	1.6052	0.137906	0.456885	-2.18873	0.763165	1.15784	1.15784	0.0165252	0.230907	-4.33075	0.84237	0.907981	-1.10134	0.660367	1.2393	1.2393	0.740076	1.17524	1.17524	2.5164	8.14853	2.8334	1
cg04446279	ABCA17P	0.120655	0.764254	0.912588	-1.09579	0.0959326	0.573438	-1.74387	0.0188738	0.421074	-2.37488	0.812469	0.93027	-1.07496	0.995784	0.998395	-1.00161	0.742091	0.904445	-1.10565	0.0162941	0.409286	-2.44328	0.669535	1.13948	1.13948	0.131618	0.609573	-1.64049	2.35785	3.45401	1.30213	1
cg17107017	ATP1A1;ATP1A1;ATP1A1	0.120658	0.761698	1.23939	1.23939	0.00378661	15.7432	15.7432	0.0436854	5.13607	5.13607	0.426645	1.77315	1.77315	0.291147	2.16615	2.16615	0.390771	1.85987	1.85987	0.449923	1.72161	1.72161	0.257608	2.30164	2.30164	0.682121	1.33721	1.33721	2.35782	18.5935	7.0097	1
cg04910690	CD164L2	0.120659	0.877035	1.10479	1.10479	0.787586	1.18985	1.18985	0.0593571	3.93524	3.93524	0.765953	0.825194	-1.21184	0.182794	0.402561	-2.4841	0.479166	0.629373	-1.58888	0.264101	2.11535	2.11535	0.0113209	7.70005	7.70005	0.349379	1.85897	1.85897	2.35781	15.4695	5.83196	1
cg26337816	OPCML;OPCML	0.120662	0.936736	1.04787	1.04787	0.057811	3.53738	3.53738	0.993697	0.995358	-1.00466	0.445999	0.632821	-1.58023	0.0601008	0.286744	-3.48743	0.52443	0.683896	-1.46221	0.776974	1.18208	1.18208	0.0163965	0.177672	-5.62835	0.983525	1.01224	1.01224	2.35778	12.9554	4.88423	1
cg15245625	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.120662	0.245383	2.2709	2.2709	0.0446234	4.74176	4.74176	0.0285953	5.71687	5.71687	0.764761	1.22455	1.22455	0.351065	1.91145	1.91145	0.975115	1.02128	1.02128	0.0975944	3.41096	3.41096	0.0951955	0.290086	-3.44725	0.625097	1.39435	1.39435	2.35778	17.0152	6.41478	1
cg01282432	C14orf101	0.120663	0.0962321	0.75257	-1.32878	0.304946	1.17978	1.17978	0.227833	1.21775	1.21775	0.690327	0.939579	-1.06431	0.42344	1.13568	1.13568	0.0600507	0.718832	-1.39115	0.258062	0.832215	-1.20161	0.547615	1.09933	1.09933	0.0538535	1.40588	1.40588	2.35778	0.904407	0.340964	1
cg06372718	TRABD	0.120663	0.331051	1.57727	1.57727	0.0121265	4.1404	4.1404	0.166303	1.9555	1.9555	0.219101	1.79903	1.79903	0.904628	0.946993	-1.05597	0.0398288	2.9439	2.9439	0.122505	2.13915	2.13915	0.0887935	2.34651	2.34651	0.121566	2.14393	2.14393	2.35777	7.70945	2.90649	1
cg26548351	BMP8A	0.120667	0.535014	0.706994	-1.41444	0.00760505	0.150421	-6.64803	0.0340481	0.2553	-3.91696	0.710719	1.22827	1.22827	0.436627	0.645343	-1.54956	0.429623	0.640843	-1.56044	0.201414	0.474935	-2.10555	0.841027	0.895084	-1.11721	0.491794	1.47013	1.47013	2.35774	11.3738	4.288	1
cg17021218	AGAP11	0.120669	0.0512421	15.0913	15.0913	0.461097	2.50285	2.50285	0.128713	7.44472	7.44472	0.471086	2.45076	2.45076	0.439194	0.381116	-2.62387	0.5291	2.1806	2.1806	0.0303759	22.4596	22.4596	0.0302874	22.5097	22.5097	0.0937509	9.51995	9.51995	2.35772	55.8221	21.0456	1
cg05715287	CDC40;WASF1;WASF1;WASF1;WASF1	0.120671	0.536278	1.12682	1.12682	0.42599	0.856434	-1.16763	0.924384	0.982064	-1.01826	0.00391501	0.476967	-2.09658	0.65047	1.09086	1.09086	0.342239	0.829808	-1.2051	0.708729	1.07416	1.07416	0.138291	0.737687	-1.35559	0.726462	0.935232	-1.06925	2.3577	1.35723	0.511697	1
cg19025430	ZNF354C	0.120672	0.302198	0.760424	-1.31506	0.0434346	0.551501	-1.81323	0.825606	0.945023	-1.05818	0.136706	1.50803	1.50803	0.0450227	0.554662	-1.8029	0.14598	0.670353	-1.49175	0.052264	0.567981	-1.76062	0.31763	0.767441	-1.30303	0.597945	0.872524	-1.1461	2.3577	2.45176	0.924351	1
cg20303572	ATL2;ATL2;ATL2	0.120674	0.130869	0.414068	-2.41507	0.168712	0.452621	-2.20935	0.532866	0.710759	-1.40695	0.239667	0.51401	-1.94549	0.0182611	0.212554	-4.70469	0.431442	0.647904	-1.54344	0.0182689	0.212585	-4.704	0.044582	0.287483	-3.47847	0.327558	0.579102	-1.72681	2.35768	10.9095	4.11308	1
cg07303548	TMEM134;TMEM134;TMEM134	0.120675	0.0176067	0.218962	-4.56701	0.546637	0.725554	-1.37826	0.510385	1.42068	1.42068	0.0944212	0.380266	-2.62974	0.305746	0.572523	-1.74665	0.0378275	0.281798	-3.54864	0.0488898	0.306432	-3.26337	0.378033	0.621473	-1.60908	0.735331	0.836579	-1.19534	2.35767	10.3273	3.89361	1
cg07944736	SNHG12;SNORA44;SNORA16A	0.120679	0.621149	0.931473	-1.07357	0.547124	0.916844	-1.0907	0.175476	0.81441	-1.22788	0.722173	1.05219	1.05219	0.191808	0.821279	-1.21761	0.711234	0.948393	-1.05441	0.00862183	1.61167	1.61167	0.95244	1.00854	1.00854	0.194166	1.2162	1.2162	2.35764	0.758165	0.285847	1
cg22213449	TOMM7	0.12068	0.998416	0.998747	-1.00125	0.890446	0.916655	-1.09092	0.161884	0.389401	-2.56805	0.376759	0.563977	-1.77312	0.00356517	0.0826425	-12.1003	0.618044	1.37359	1.37359	0.938423	0.952383	-1.05	0.973122	0.97895	-1.0215	0.163264	0.390768	-2.55906	2.35763	14.8888	5.61348	1
cg18039902	NUDT15	0.12068	0.561461	1.26759	1.26759	0.611707	1.22968	1.22968	0.632412	0.823138	-1.21486	0.751572	0.879622	-1.13685	0.199407	0.57835	-1.72906	0.0436615	0.391934	-2.55145	0.0139362	0.293264	-3.40989	0.989291	0.994594	-1.00544	0.186553	1.76033	1.76033	2.35762	6.09039	2.29624	1
cg18530114	KLF2	0.120681	0.740842	1.10359	1.10359	0.00333007	3.27636	3.27636	0.188534	1.51245	1.51245	0.916035	1.03181	1.03181	0.748033	1.10044	1.10044	0.150109	1.58114	1.58114	0.633981	0.867237	-1.15309	0.279674	1.39619	1.39619	0.725921	1.11017	1.11017	2.35762	3.29284	1.24149	1
cg15934776	AFF3;AFF3	0.120682	0.197559	2.12955	2.12955	0.0131726	5.5055	5.5055	0.0394487	3.7513	3.7513	0.537148	1.41454	1.41454	0.400965	1.61141	1.61141	0.603314	0.747556	-1.33769	0.166863	2.26575	2.26575	0.0466814	3.5398	3.5398	0.424315	1.57277	1.57277	2.35761	11.5004	4.336	1
cg25288807	MLLT6	0.120686	0.0718311	1.62152	1.62152	0.601953	1.13493	1.13493	0.945801	1.01649	1.01649	0.329734	1.27368	1.27368	0.0566622	0.595195	-1.68012	0.492616	1.18246	1.18246	0.0152002	2.04855	2.04855	0.440225	1.20841	1.20841	0.631792	1.12313	1.12313	2.35757	2.15982	0.814328	1
cg20794824	CLDN11	0.120689	0.151906	4.06644	4.06644	0.18811	3.57699	3.57699	0.774136	1.30074	1.30074	0.218281	3.2654	3.2654	0.238709	0.32379	-3.08842	0.124797	4.56532	4.56532	0.0220825	12.2845	12.2845	0.0914402	5.46592	5.46592	0.072613	6.23645	6.23645	2.35755	31.1806	11.7563	1
cg01183244	WNT5A	0.120692	0.507181	0.560252	-1.78491	0.213363	3.09024	3.09024	0.107665	4.53412	4.53412	0.840582	1.18935	1.18935	0.0109545	0.0639903	-15.6274	0.677613	0.697705	-1.43327	0.488176	0.545324	-1.83377	0.929648	1.079	1.079	0.154084	0.268817	-3.72	2.35752	27.6801	10.4366	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06971418	C17orf88	0.120694	0.0558646	12.2754	12.2754	0.0642807	11.0962	11.0962	0.247733	4.0508	4.0508	0.145122	6.11814	6.11814	?	?	?	0.529685	2.08974	2.08974	0.0817216	9.32992	9.32992	0.0552671	12.3707	12.3707	0.0321001	18.2883	18.2883	2.38032	44.9054	18.8653	1
cg26731119	OCIAD2;OCIAD2	0.120696	0.0741369	0.324598	-3.08073	0.549417	1.40842	1.40842	0.240511	0.499187	-2.00326	0.324112	0.562273	-1.77849	0.0362615	0.252449	-3.96119	0.320745	0.559869	-1.78613	0.0431596	3.72603	3.72603	0.568533	0.721914	-1.38521	0.862541	0.906665	-1.10294	2.35748	11.9357	4.50035	1
cg10711996	EPC1;EPC1	0.120698	0.0729175	1.80748	1.80748	0.0404795	0.496493	-2.01413	0.445252	0.794325	-1.25893	0.0314474	0.473935	-2.10999	0.691212	1.1254	1.1254	0.389693	1.29801	1.29801	0.861401	1.05307	1.05307	0.959355	1.01519	1.01519	0.481645	1.2357	1.2357	2.35746	3.26924	1.23268	1
cg12018042	MUDENG;MUDENG;MUDENG;EXOC5	0.120701	0.709644	1.054	1.054	0.961643	1.00679	1.00679	0.942406	0.989892	-1.01021	0.201582	1.2088	1.2088	0.505209	1.09974	1.09974	0.431065	1.11963	1.11963	0.0149235	0.656443	-1.52336	0.928443	1.01271	1.01271	0.0317917	1.42456	1.42456	2.35744	0.738208	0.278346	1
cg24287175	RAI1	0.120703	0.0469151	4.06791	4.06791	0.236694	2.14856	2.14856	0.386281	1.72956	1.72956	0.032306	4.69376	4.69376	0.386078	1.72999	1.72999	0.0955704	3.09388	3.09388	0.0270739	5.02441	5.02441	0.0743916	3.40852	3.40852	0.0814198	3.29193	3.29193	2.35742	14.2074	5.35705	1
cg15475323	MAMSTR;MAMSTR;MAMSTR	0.120703	0.147146	1.91735	1.91735	0.327935	1.52582	1.52582	0.0302812	2.90292	2.90292	0.295461	1.57454	1.57454	0.925195	1.04008	1.04008	0.457498	1.37243	1.37243	0.385509	0.689177	-1.45101	0.62585	1.22827	1.22827	0.00974775	3.92661	3.92661	2.35742	6.53684	2.46478	1
cg14689150	TRAPPC9;TRAPPC9	0.120704	0.0587633	0.570186	-1.75381	0.0819998	0.60222	-1.66052	0.0172852	0.466206	-2.14498	0.105159	0.62754	-1.59352	0.0658253	0.580876	-1.72154	0.83127	0.945395	-1.05776	0.634236	1.13444	1.13444	0.305955	0.756579	-1.32174	0.215183	0.7094	-1.40964	2.35741	2.58575	0.974985	1
cg08365638	C16orf72	0.120705	0.437465	1.4368	1.4368	0.389818	0.668172	-1.49662	0.885838	1.06794	1.06794	0.0681148	2.54653	2.54653	0.16408	1.97264	1.97264	0.146643	2.03976	2.03976	0.0404332	2.95357	2.95357	0.0372873	3.02241	3.02241	0.0663311	2.56586	2.56586	2.35741	7.8166	2.94734	1
cg02542953	MYT1L	0.120708	0.33049	0.681074	-1.46827	0.33796	0.685348	-1.45911	0.0658866	0.454156	-2.20189	0.313728	1.48963	1.48963	0.0944814	0.495062	-2.01995	0.421971	1.36855	1.36855	0.822222	0.917522	-1.08989	0.0177237	0.331849	-3.01342	0.489224	1.30827	1.30827	2.35738	5.46231	2.05965	1
cg23479619	GGA1;GGA1;GGA1	0.12071	0.425975	0.897722	-1.11393	0.605154	1.07167	1.07167	0.923597	0.987349	-1.01281	0.45592	0.904126	-1.10604	0.538165	1.08625	1.08625	0.00511585	1.63387	1.63387	0.188762	1.20299	1.20299	0.279522	1.16092	1.16092	0.189463	1.20259	1.20259	2.35736	0.657698	0.247998	1
cg23765027	TBC1D3P2	0.120711	0.0598663	0.412879	-2.42202	0.684637	1.18545	1.18545	0.633573	0.818656	-1.22151	0.0375507	0.365929	-2.73277	0.066717	0.424638	-2.35495	0.0973579	0.468622	-2.13392	0.232684	0.593676	-1.68442	0.0296444	0.344146	-2.90574	0.183867	0.555775	-1.79929	2.35736	6.48089	2.44375	1
cg00963850	SMOC2;SMOC2	0.120715	0.66929	0.904447	-1.10565	0.234178	1.33844	1.33844	0.750258	1.0775	1.0775	0.132074	0.683918	-1.46216	0.0341533	0.561133	-1.78211	0.771084	1.07057	1.07057	0.150356	1.43385	1.43385	0.215846	1.3559	1.3559	0.0962407	0.652509	-1.53255	2.35732	2.03979	0.769156	1
cg10810305	SFRS6	0.120718	0.544337	0.832108	-1.20177	0.0437328	0.499397	-2.00242	0.314213	1.3658	1.3658	0.152338	0.631774	-1.58284	0.0752823	0.552559	-1.80976	0.155574	0.634366	-1.57638	0.0777186	0.555862	-1.79901	0.12519	0.60829	-1.64395	0.334762	1.3471	1.3471	2.35729	3.34934	1.26297	1
cg15234550	NSDHL;NSDHL;CETN2	0.120718	0.250562	0.396619	-2.52131	0.0184276	0.110548	-9.04588	0.215527	0.366382	-2.72939	0.537874	1.6168	1.6168	0.286137	0.426037	-2.34721	0.0151428	0.100402	-9.95993	0.9119	1.08899	1.08899	0.87611	0.886768	-1.12769	0.736209	1.29749	1.29749	2.35729	22.1503	8.35246	1
cg11105610	LGALS3BP	0.120719	0.241772	0.559175	-1.78835	0.0199089	0.263614	-3.79343	0.344759	0.630214	-1.58676	0.976903	0.986359	-1.01383	0.0472632	0.340626	-2.93577	0.357399	0.638234	-1.56682	0.0222389	0.272491	-3.66984	0.172983	0.502587	-1.9897	0.752094	1.16224	1.16224	2.35729	8.40343	3.16878	1
cg05393058	TAX1BP3	0.12072	0.0587537	0.648432	-1.54218	0.145542	0.728246	-1.37316	0.222409	1.29718	1.29718	0.449575	0.855261	-1.16923	0.0496918	0.634885	-1.57509	0.372459	0.830439	-1.20418	0.850605	0.962462	-1.039	0.0873004	1.46677	1.46677	0.643398	1.09922	1.09922	2.35727	1.53723	0.579665	1
cg12564650	HNRNPH1	0.120721	0.804779	0.9402	-1.0636	0.473825	1.19888	1.19888	0.13415	1.49513	1.49513	0.636884	0.888342	-1.12569	0.663681	1.1151	1.1151	0.0636096	0.594952	-1.68081	0.0123962	0.46068	-2.1707	0.877133	0.962209	-1.03927	0.444494	1.21421	1.21421	2.35727	2.31466	0.872821	1
cg25182621	CHRD	0.120721	0.10824	1.73183	1.73183	0.279536	1.42239	1.42239	0.10968	1.72729	1.72729	0.205122	1.52043	1.52043	0.455143	0.787874	-1.26924	0.400204	0.763461	-1.30983	0.723587	0.894677	-1.11772	0.0230555	0.426662	-2.34377	0.788578	1.08789	1.08789	2.35727	3.66713	1.38282	1
cg07156814	KIT;KIT	0.120721	0.122251	0.545956	-1.83165	0.901625	0.956298	-1.0457	0.4267	0.745818	-1.34081	0.362136	0.712854	-1.40281	0.0386507	0.420867	-2.37605	0.0790501	0.49429	-2.0231	0.0111465	0.316747	-3.1571	0.578387	1.2249	1.2249	0.354699	0.708888	-1.41066	2.35727	4.87498	1.83828	1
cg06786372	HOXA2	0.120721	0.606572	0.798255	-1.25273	0.10313	0.461459	-2.16704	0.969605	0.983608	-1.01667	0.620069	1.24207	1.24207	0.406497	0.691876	-1.44535	0.376365	0.674503	-1.48257	0.0684616	0.412808	-2.42243	0.177342	1.86248	1.86248	0.0290129	3.05382	3.05382	2.35726	7.02468	2.6489	1
cg10107304	C10orf26	0.120722	0.443652	1.65789	1.65789	0.48143	1.5888	1.5888	0.593145	1.41702	1.41702	0.00795502	0.10166	-9.83673	?	?	?	0.986576	0.989201	-1.01092	0.288004	0.488683	-2.04631	0.544763	0.672788	-1.48635	0.267346	2.11797	2.11797	2.5157	14.4412	5.0229	1
cg17098103	HIVEP3;HIVEP3	0.120723	0.437823	0.624463	-1.60137	0.780186	1.18111	1.18111	0.725126	1.23372	1.23372	0.667494	0.773272	-1.29321	0.034129	0.229707	-4.35337	0.186849	0.434987	-2.29892	0.0330116	0.226891	-4.40741	0.0219018	0.19473	-5.13532	0.193264	0.440835	-2.26842	2.35725	13.2149	4.98315	1
cg11526630	RADIL	0.120724	0.731524	1.22064	1.22064	0.536977	1.43606	1.43606	0.09135	0.340836	-2.93396	0.342546	0.567736	-1.76138	0.0177664	0.188512	-5.30469	0.891188	0.923821	-1.08246	0.0178647	0.188895	-5.29395	0.950422	0.964644	-1.03665	0.657345	0.772256	-1.29491	2.35724	12.5112	4.71785	1
cg07799106	SUMO1P1	0.120726	0.148835	0.799922	-1.25012	0.0224247	1.48345	1.48345	0.590165	0.924596	-1.08155	0.27162	0.847888	-1.1794	0.554636	0.917439	-1.08999	0.354661	1.14717	1.14717	0.6979	1.05785	1.05785	0.0493594	0.723672	-1.38184	0.538584	0.914137	-1.09393	2.35722	0.776131	0.292673	1
cg24382712	RAB11FIP2	0.120727	0.0229134	0.249928	-4.00114	0.42318	0.659172	-1.51705	0.629512	0.780634	-1.28101	0.145834	0.451342	-2.21561	0.0543039	0.328713	-3.04217	0.18278	0.486622	-2.05498	0.0223568	0.247966	-4.03281	0.0966012	0.394812	-2.53285	0.12165	0.425332	-2.3511	2.35722	9.69009	3.65406	1
cg12693158	ALG3;ALG3;ALG3;ALG3;ECE2;ECE2	0.120727	0.465258	0.824464	-1.21291	0.329236	0.769872	-1.29892	0.0594132	1.73792	1.73792	0.580592	0.865066	-1.15598	0.136233	0.65903	-1.51738	0.0191352	0.478823	-2.08845	0.10467	0.630881	-1.58509	0.942006	0.98128	-1.01908	0.396741	0.798199	-1.25282	2.35721	2.51853	0.94972	1
cg05693450	KCNU1;KCNU1	0.120728	0.952719	1.0304	1.0304	0.695847	1.21945	1.21945	0.479961	0.695848	-1.43709	0.439033	1.4897	1.4897	0.0122623	0.20691	-4.83302	0.145449	2.20212	2.20212	0.0574685	0.337885	-2.95959	0.621029	1.28617	1.28617	0.997823	0.998623	-1.00138	2.35721	9.52095	3.59029	1
cg23298167	HIPK4	0.120728	0.920987	0.960267	-1.04138	0.967561	1.01676	1.01676	0.0286638	0.348257	-2.87144	0.421177	1.39906	1.39906	0.955608	0.977509	-1.02301	0.772863	1.12554	1.12554	0.0143351	0.291185	-3.43424	0.983258	0.991462	-1.00861	0.0797347	0.451744	-2.21364	2.35721	6.23423	2.35089	1
cg25875209	RASA3	0.120729	0.0609677	2.70329	2.70329	0.855029	1.08994	1.08994	0.380288	1.52775	1.52775	0.0316418	3.27541	3.27541	0.906238	1.05705	1.05705	0.252307	1.75611	1.75611	0.0692754	2.60394	2.60394	0.0539688	2.80148	2.80148	0.0301422	3.32247	3.32247	2.3572	8.2783	3.12171	1
cg26371787	TXNDC5;TXNDC5	0.120729	0.462611	0.850979	-1.17512	0.790807	1.05905	1.05905	0.61221	1.11664	1.11664	0.158879	0.722544	-1.384	0.632761	0.901319	-1.10949	0.343366	0.810048	-1.23449	0.0186031	0.540236	-1.85104	0.398609	1.20503	1.20503	0.0481551	1.62806	1.62806	2.3572	1.73877	0.655681	1
cg27346088	SLC16A9	0.120729	0.20328	1.28965	1.28965	0.301702	1.22467	1.22467	0.277898	1.23828	1.23828	0.241988	1.26107	1.26107	0.351703	0.833989	-1.19906	0.664722	1.0861	1.0861	0.0113009	0.548306	-1.8238	0.735857	0.937881	-1.06623	0.348963	0.833075	-1.20037	2.35719	1.33937	0.505072	1
cg04550950	LRRC8D;LRRC8D	0.120732	0.425801	0.544055	-1.83805	0.00752787	0.0762146	-13.1209	0.022065	0.128106	-7.80605	0.969025	1.02949	1.02949	0.258604	0.413849	-2.41634	0.278912	0.430569	-2.32251	0.380795	0.510238	-1.95987	0.283871	0.434597	-2.30098	0.851626	1.15045	1.15045	2.35717	20.9153	7.88717	1
cg07147573	CYP8B1	0.120734	0.0464734	0.2151	-4.64901	0.0491652	0.220227	-4.54077	0.0512782	0.224138	-4.46153	0.205925	0.406948	-2.45732	0.0174764	0.142378	-7.02354	0.740203	0.799136	-1.25135	0.108679	0.307585	-3.25113	0.416611	0.571544	-1.74965	0.27339	0.463909	-2.1556	2.35715	16.9505	6.39207	1
cg10882379	CEP170L	0.120738	0.519427	0.846309	-1.1816	0.0382926	0.541489	-1.84676	0.822198	0.944112	-1.0592	0.807667	0.939583	-1.0643	0.182833	0.696847	-1.43504	0.940569	0.981128	-1.01923	0.0190235	2.06536	2.06536	0.348784	1.2795	1.2795	0.428669	1.22931	1.22931	2.35712	2.43731	0.91913	1
cg21507610	RPP14;RPP14	0.120743	0.780885	1.09502	1.09502	0.708092	1.13025	1.13025	0.18683	1.57694	1.57694	0.481378	0.79218	-1.26234	0.29548	0.702467	-1.42355	0.490854	0.796285	-1.25583	0.00616406	0.312541	-3.19958	0.131964	0.589036	-1.69769	0.58457	0.835504	-1.19688	2.35707	3.95574	1.49177	1
cg26490951	PDCD2L	0.120744	0.04367	0.572395	-1.74704	0.112775	1.51481	1.51481	0.311254	0.777217	-1.28664	0.169193	0.703021	-1.42243	0.125443	0.671013	-1.49028	0.319447	0.780734	-1.28085	0.134567	0.67832	-1.47423	0.465486	1.19565	1.19565	0.307226	1.28955	1.28955	2.35706	2.1606	0.814798	1
cg21030719	LOC100271722	0.120744	0.379098	1.12454	1.12454	0.290724	0.867085	-1.15329	0.740929	1.0441	1.0441	0.225728	1.17996	1.17996	0.160791	1.21513	1.21513	0.140014	1.22941	1.22941	0.0183586	0.689205	-1.45095	0.227631	1.17908	1.17908	0.843809	0.974668	-1.02599	2.35706	0.631609	0.238191	1
cg24324942	ZNF10	0.120745	0.17026	1.24592	1.24592	0.076919	0.743693	-1.34464	0.192717	0.81258	-1.23065	0.912806	0.983645	-1.01663	0.42001	1.13205	1.13205	0.473887	1.11589	1.11589	0.0143985	1.57476	1.57476	0.857684	0.973339	-1.02739	0.782477	1.04255	1.04255	2.35705	0.846037	0.319057	1
cg23720732	SLC12A5;SLC12A5	0.120745	0.0521166	1.54962	1.54962	0.12348	0.718364	-1.39205	0.224739	1.28764	1.28764	0.156744	0.740607	-1.35024	0.597087	1.11155	1.11155	0.254887	0.790037	-1.26576	0.190289	0.759581	-1.31652	0.676825	1.08665	1.08665	0.107829	0.706189	-1.41605	2.35705	1.46726	0.553331	1
cg23046518	GATAD2B	0.120746	0.023933	0.646883	-1.54587	0.0509847	0.6981	-1.43246	0.419788	0.87523	-1.14256	0.372314	1.15961	1.15961	0.558157	0.908697	-1.10048	0.30365	0.841772	-1.18797	0.855732	0.971005	-1.02986	0.19108	1.25082	1.25082	0.219664	1.23204	1.23204	2.35705	0.97575	0.367974	1
cg02081065	LEAP2	0.120746	0.798169	0.901865	-1.10881	0.14427	0.531406	-1.8818	0.0649903	0.433768	-2.30538	0.990597	0.995261	-1.00476	0.0716971	0.444599	-2.24922	0.188264	0.570085	-1.75412	0.0210941	0.326914	-3.0589	0.69629	1.1713	1.1713	0.0453811	0.396458	-2.52234	2.35704	6.06542	2.28739	1
cg13862280	RSPH3	0.120748	0.189628	0.799407	-1.25093	0.0164794	1.60348	1.60348	0.937063	1.01281	1.01281	0.432695	0.878953	-1.13772	0.943688	1.01145	1.01145	0.202587	1.24206	1.24206	0.28343	0.835618	-1.19672	0.336074	1.17332	1.17332	0.0849836	1.35923	1.35923	2.35703	0.969342	0.365561	1
cg21235025	DACH1;DACH1;DACH1	0.12075	0.254327	1.23624	1.23624	0.51312	1.12544	1.12544	0.558772	0.900015	-1.11109	0.506606	0.88687	-1.12756	0.0106622	0.5644	-1.77179	0.199478	1.27319	1.27319	0.114937	1.35718	1.35718	0.9235	1.01726	1.01726	0.669826	0.926427	-1.07942	2.35701	1.18502	0.446901	1
cg21625464	IFITM1;IFITM1	0.120754	0.371992	0.65552	-1.52551	0.0930128	2.34308	2.34308	0.0155427	3.92473	3.92473	0.578112	1.29545	1.29545	0.143062	0.484235	-2.06511	0.696575	1.19789	1.19789	0.957751	1.02471	1.02471	0.157074	2.00823	2.00823	0.460226	0.707212	-1.414	2.35698	7.92489	2.98872	1
cg23284284	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.120754	0.0561717	3.10413	3.10413	?	?	?	0.207293	0.502279	-1.99092	0.869934	0.919269	-1.08782	0.36618	0.61953	-1.61413	0.811765	1.13039	1.13039	0.0242376	4.1323	4.1323	?	?	?	0.70814	1.21322	1.21322	2.54206	8.08609	3.18092	1
cg07248486	C4orf11;C4orf11	0.120756	0.425889	0.756688	-1.32155	0.386561	0.737598	-1.35575	0.958023	1.01821	1.01821	0.661453	1.16311	1.16311	0.0189063	0.377252	-2.65075	0.923309	1.03357	1.03357	0.0123625	0.343711	-2.90942	0.922577	0.967216	-1.0339	0.12026	0.561076	-1.78229	2.35696	4.38917	1.6553	1
cg14025666	SKIV2L	0.120759	0.965752	1.03704	1.03704	0.068005	0.177042	-5.64838	0.880996	0.880821	-1.1353	0.99625	0.996027	-1.00399	0.0191642	0.0906294	-11.0339	0.0213239	0.0959591	-10.4211	0.2963	0.399582	-2.50261	0.438724	1.95238	1.95238	0.823004	0.827142	-1.20898	2.35693	26.7861	10.102	1
cg22997415	OVGP1	0.12076	0.0329868	0.394844	-2.53264	0.0516951	0.438145	-2.28235	0.144669	0.557752	-1.79291	0.05694	0.448055	-2.23187	0.114765	0.527738	-1.89488	0.323533	0.683875	-1.46226	0.0424208	0.41855	-2.3892	0.156249	0.568236	-1.75983	0.0696292	0.46945	-2.13015	2.35693	5.18402	1.9551	1
cg07220650	PEX10;RER1;PEX10	0.12076	0.57583	0.829132	-1.20608	0.0607093	2.01564	2.01564	0.00972303	2.95692	2.95692	0.950179	0.9795	-1.02093	0.26723	0.681714	-1.46689	0.726482	0.890103	-1.12347	0.696745	1.13863	1.13863	0.153642	1.65932	1.65932	0.569417	1.20997	1.20997	2.35692	4.10187	1.54698	1
cg01293797	ADAMTSL3	0.120765	0.39676	0.829205	-1.20597	0.863108	1.03795	1.03795	0.565184	1.1337	1.1337	0.021708	0.551703	-1.81257	0.0275357	0.569768	-1.7551	0.210193	0.752018	-1.32975	0.0921522	0.670248	-1.49198	0.0769378	0.654089	-1.52884	0.598653	0.891693	-1.12146	2.35688	1.73879	0.655778	1
cg13652336	PREX2;PREX2	0.120767	0.275821	1.30267	1.30267	0.0185336	0.513738	-1.94652	0.130824	0.683497	-1.46306	0.826556	1.05252	1.05252	0.837075	0.953108	-1.0492	0.458713	0.838633	-1.19242	0.514321	0.857062	-1.16678	0.695515	0.91234	-1.09608	0.0490464	1.68895	1.68895	2.35686	2.03073	0.765889	1
cg25504222	TNFAIP8L1;TNFAIP8L1	0.120768	0.423123	0.75683	-1.3213	0.567092	1.21776	1.21776	0.491388	1.26872	1.26872	0.0475239	0.462146	-2.16382	0.900071	1.04371	1.04371	0.242711	0.659458	-1.5164	0.0120127	0.344065	-2.90643	0.32523	1.41331	1.41331	0.706221	1.13764	1.13764	2.35686	4.32884	1.63262	1
cg24276491	EAPP	0.12077	0.0389469	0.317519	-3.14942	0.13902	0.465666	-2.14746	0.410286	0.66755	-1.49802	0.670045	0.814064	-1.2284	0.00777921	0.19394	-5.15622	0.70263	1.20214	1.20214	0.832953	0.903597	-1.10669	0.782526	0.875635	-1.14203	0.113399	0.437429	-2.28609	2.35683	8.59873	3.24305	1
cg03695103	BRSK2	0.120774	0.0972417	2.83014	2.83014	0.812534	1.14546	1.14546	0.292028	1.8681	1.8681	0.0485572	3.62547	3.62547	0.0406714	3.86088	3.86088	0.138731	2.48681	2.48681	0.0243518	4.63598	4.63598	0.125305	2.58145	2.58145	0.0776158	3.06844	3.06844	2.3568	12.1961	4.59988	1
cg11094012	TFG;TFG	0.120777	0.640881	0.769299	-1.29989	0.501055	1.4657	1.4657	0.512476	0.689497	-1.45033	0.909421	1.06544	1.06544	0.930765	1.04958	1.04958	?	?	?	0.0196419	5.39993	5.39993	0.0942298	2.88906	2.88906	0.0323311	4.39667	4.39667	2.70722	11.2554	3.11817	1
cg12690978	MFAP5	0.120783	0.105446	0.325178	-3.07524	0.656408	0.752489	-1.32892	0.153128	0.378478	-2.64216	0.969788	0.976234	-1.02434	0.046962	0.235934	-4.23848	0.180676	0.405455	-2.46636	0.0117669	0.13557	-7.37626	0.0700158	0.276226	-3.62022	0.170586	0.395821	-2.5264	2.35672	15.0551	5.67837	1
cg27067621	NOX1;NOX1	0.120785	0.366106	0.536646	-1.86343	0.87052	1.11555	1.11555	0.0949256	0.292253	-3.42169	0.159835	0.365404	-2.7367	0.0218225	0.158038	-6.32758	0.162452	0.368011	-2.71731	0.0697713	0.256833	-3.89358	0.0229315	0.161379	-6.19661	0.243402	0.441229	-2.2664	2.3567	16.7708	6.32551	1
cg05114187	GLCCI1	0.120786	0.841547	1.02863	1.02863	0.646089	1.06737	1.06737	0.751324	0.95616	-1.04585	0.090856	1.30039	1.30039	0.956252	1.00777	1.00777	0.673239	0.941944	-1.06163	0.00594985	0.602205	-1.66056	0.327672	1.15313	1.15313	0.931116	0.987883	-1.01227	2.3567	0.742159	0.279924	1
cg01484266	DHX30;DHX30	0.120789	0.946656	1.00909	1.00909	0.864018	0.97709	-1.02345	0.822828	1.03079	1.03079	0.734079	0.954944	-1.04718	0.769607	1.04051	1.04051	0.0102818	1.54848	1.54848	0.0169389	1.48264	1.48264	0.424085	1.11671	1.11671	0.560691	0.923536	-1.08279	2.35667	0.682354	0.257371	1
cg20669292	PLEKHH3	0.120789	0.864603	1.09196	1.09196	0.167441	0.46837	-2.13506	0.220589	0.514878	-1.94221	0.345263	0.605888	-1.65047	0.152217	0.453591	-2.20463	0.0154014	0.215969	-4.63029	0.689962	0.813277	-1.22959	0.147473	2.2281	2.2281	0.0822465	0.370709	-2.69753	2.35666	9.91683	3.74044	1
cg09900371	DLL4	0.12079	0.368977	0.702641	-1.4232	0.273306	1.54658	1.54658	0.0320659	2.61297	2.61297	0.434203	0.736978	-1.35689	0.249395	0.631007	-1.58477	0.607925	1.21886	1.21886	0.0400694	0.403553	-2.47799	0.398825	0.71865	-1.3915	0.275057	0.647697	-1.54393	2.35666	5.46005	2.05943	1
cg15714074	HK3	0.120793	0.87219	1.03346	1.03346	0.109603	1.42842	1.42842	0.0142673	1.85485	1.85485	0.27242	0.791746	-1.26303	0.588923	0.894467	-1.11798	0.317938	1.23493	1.23493	0.0467982	1.59246	1.59246	0.719821	0.929016	-1.07641	0.675668	1.08982	1.08982	2.35663	1.55961	0.588262	1
cg08340482	PTH2	0.120793	0.0906648	0.369574	-2.70582	0.0335019	0.265424	-3.76755	0.0151698	0.203328	-4.91816	0.315286	0.574373	-1.74103	0.125705	0.412771	-2.42265	0.129011	0.416451	-2.40124	0.0565821	0.315842	-3.16614	0.230911	0.51115	-1.95637	0.322844	0.579659	-1.72515	2.35663	10.6431	4.01444	1
cg19766609	SLC35D1	0.120795	0.970662	1.00837	1.00837	0.0321535	1.76552	1.76552	0.184781	1.37521	1.37521	0.0894992	0.654374	-1.52818	0.129406	1.44938	1.44938	0.459433	0.843142	-1.18604	0.344354	1.24686	1.24686	0.848889	0.957713	-1.04415	0.0824462	1.5461	1.5461	2.35662	1.91503	0.722328	1
cg04391540	ZNF541	0.120795	0.25038	0.635443	-1.57371	0.0103192	3.38716	3.38716	0.937599	0.970874	-1.03	0.275251	0.65148	-1.53497	0.255282	0.638672	-1.56575	0.543289	1.26146	1.26146	0.931608	0.968115	-1.03293	0.694615	0.861609	-1.16062	0.110979	0.519173	-1.92614	2.35661	5.31915	2.00632	1
cg22304612	CPXM1;CPXM1	0.120797	0.0326407	1.62968	1.62968	0.66503	1.08882	1.08882	0.00801695	1.94189	1.94189	0.349023	0.828346	-1.20722	0.207564	1.29641	1.29641	0.505433	1.14111	1.14111	0.973184	0.993455	-1.00659	0.749598	1.06455	1.06455	0.410082	1.17887	1.17887	2.3566	1.42419	0.537193	1
cg16559570	RTEL1;RTEL1	0.120798	0.0660617	0.324426	-3.08237	0.735614	0.831083	-1.20325	0.665014	0.788328	-1.26851	0.581965	0.738195	-1.35466	0.0429138	0.280263	-3.56807	0.0685611	0.328548	-3.04369	0.0116224	0.178688	-5.59635	0.452189	0.658271	-1.51913	0.117279	0.395018	-2.53153	2.35659	11.1243	4.196	1
cg02053188	VTRNA1-3	0.120799	0.308224	0.6656	-1.5024	0.422744	1.3717	1.3717	0.165989	1.76854	1.76854	0.280922	0.648845	-1.5412	0.923719	1.03766	1.03766	0.414463	0.724717	-1.37985	0.49458	0.765131	-1.30697	0.0100006	3.50858	3.50858	0.241082	1.60586	1.60586	2.35658	5.56001	2.0972	1
cg06780606	EDA;EDA	0.120799	0.449584	0.537046	-1.86204	0.477313	0.55823	-1.79138	0.184999	0.321664	-3.10883	0.0600724	0.180617	-5.53659	0.0929915	0.225112	-4.44224	0.210755	2.89786	2.89786	0.0358179	0.139375	-7.17489	0.0554769	0.173551	-5.76198	0.190877	0.327101	-3.05716	2.35658	24.2976	9.16491	1
cg05587400	GDI2;GDI2	0.120799	0.0789632	0.215457	-4.64129	0.0535924	0.178192	-5.61193	0.314649	0.44121	-2.2665	0.920322	1.08192	1.08192	0.134466	0.280847	-3.56066	0.163079	0.309888	-3.22698	0.0276719	0.128922	-7.75661	0.789435	1.23444	1.23444	0.0369831	0.148642	-6.72759	2.35658	23.1115	8.71753	1
cg16062292	TKTL1;TKTL1;TKTL1	0.1208	0.911712	0.954656	-1.0475	0.0149958	0.286193	-3.49415	0.116714	0.490138	-2.04024	0.539577	0.771175	-1.29672	0.149346	0.523703	-1.90948	0.837469	1.08973	1.08973	0.262381	0.613294	-1.63054	0.0950748	2.15408	2.15408	0.612569	1.23819	1.23819	2.35657	6.53275	2.46412	1
cg24760467	LZTS2	0.120801	0.232177	1.95324	1.95324	0.0508735	3.28209	3.28209	0.727754	1.2053	1.2053	0.062347	3.06781	3.06781	0.171904	2.17498	2.17498	0.0306737	3.88291	3.88291	0.0414515	3.51289	3.51289	0.0482546	3.34015	3.34015	0.247623	1.90762	1.90762	2.35656	10.6553	4.01916	1
cg00524708	PRSS36	0.120801	0.0104933	25.5619	25.5619	0.115941	5.58127	5.58127	0.686206	1.50489	1.50489	0.742163	1.39407	1.39407	0.100234	6.12414	6.12414	0.4883	0.492382	-2.03094	0.0911787	6.50291	6.50291	0.291908	3.00554	3.00554	0.0940084	6.37834	6.37834	2.35656	37.7956	14.2564	1
cg15999964	ZNF608	0.120803	0.384731	0.775929	-1.28878	0.614414	1.15558	1.15558	0.586918	0.855419	-1.16902	0.474297	0.812903	-1.23016	0.315386	1.34382	1.34382	0.179014	1.50136	1.50136	0.021126	2.2019	2.2019	0.0455317	1.92091	1.92091	0.0994227	1.67215	1.67215	2.35654	3.02446	1.14083	1
cg04865716	LINGO3	0.120806	0.128955	2.39307	2.39307	0.0344492	3.71285	3.71285	0.0696473	2.94201	2.94201	0.192734	2.08164	2.08164	0.980931	1.01279	1.01279	0.0969062	2.63553	2.63553	0.0671795	2.97739	2.97739	0.0235324	4.2145	4.2145	0.350925	1.66627	1.66627	2.35651	10.5563	3.9819	1
cg12836958	SNX25	0.120813	0.142741	0.350766	-2.8509	0.354183	0.530519	-1.88495	0.82474	1.15893	1.15893	0.827305	1.15638	1.15638	0.110768	0.314884	-3.17577	0.496164	0.63159	-1.58331	0.00739465	0.100762	-9.92434	0.0489384	0.2242	-4.4603	0.351022	0.52818	-1.89329	2.35646	16.5051	6.22596	1
cg18121946	RICH2	0.120814	0.166109	0.593464	-1.68502	0.343317	1.4119	1.4119	0.218102	0.632706	-1.58051	0.341954	0.707534	-1.41336	0.047696	0.4493	-2.22569	0.347068	1.40791	1.40791	0.167156	1.68257	1.68257	0.774068	0.903306	-1.10704	0.044177	0.441808	-2.26343	2.35645	4.65923	1.75753	1
cg12500857	RFC2;RFC2	0.120815	0.362412	0.752006	-1.32978	0.697518	0.887882	-1.12628	0.232595	1.46391	1.46391	0.0481205	1.98919	1.98919	0.278409	0.709537	-1.40937	0.307386	0.724917	-1.37947	0.559671	0.835611	-1.19673	0.0440365	2.02282	2.02282	0.123515	1.66183	1.66183	2.35644	3.45944	1.30496	1
cg16273597	CD83;CD83	0.120817	0.889856	0.978093	-1.0224	0.849843	0.970157	-1.03076	0.106165	1.32588	1.32588	0.0284503	1.51192	1.51192	0.314774	0.846899	-1.18078	0.035219	1.48008	1.48008	0.577789	0.914035	-1.09405	0.250911	0.825495	-1.21139	0.933844	1.01336	1.01336	2.35642	0.953696	0.359753	1
cg13040886	BCL2L10	0.120817	0.0621161	4.83721	4.83721	0.106913	3.74725	3.74725	0.176045	2.94382	2.94382	0.420193	1.85543	1.85543	0.0402517	5.92158	5.92158	0.308333	2.20645	2.20645	0.107501	3.7375	3.7375	0.0227884	7.73135	7.73135	0.0461821	5.55408	5.55408	2.35642	21.0233	7.9304	1
cg20534570	TEF	0.120818	0.0427259	0.682215	-1.46581	0.169768	0.786826	-1.27093	0.0456062	1.45611	1.45611	0.839628	0.967328	-1.03378	0.387994	0.864981	-1.1561	0.117119	0.756502	-1.32187	0.175671	0.789732	-1.26625	0.148483	0.775635	-1.28927	0.572221	0.910682	-1.09808	2.35641	1.00298	0.378346	1
cg01922095	LOC650226	0.12082	0.447904	1.30277	1.30277	0.809959	0.920918	-1.08587	0.168907	0.605779	-1.65077	0.450886	0.768979	-1.30043	0.377806	0.733853	-1.36267	0.167315	0.604494	-1.65428	0.00651689	0.298507	-3.35	0.724964	0.886216	-1.12839	0.247343	1.51227	1.51227	2.3564	4.36407	1.64623	1
cg12755814	CCDC24	0.120823	0.481896	0.68639	-1.4569	0.00520917	0.143578	-6.96484	0.333143	0.59122	-1.69142	0.440921	0.66118	-1.51245	0.0844949	0.366183	-2.73087	0.961468	0.974887	-1.02576	0.981028	1.0126	1.0126	0.0588548	0.32519	-3.07512	0.885515	0.926959	-1.0788	2.35637	10.3434	3.9018	1
cg16357661	EXO1;EXO1;EXO1	0.120825	0.840305	0.969317	-1.03165	0.364928	0.866066	-1.15465	0.103119	0.759275	-1.31705	0.857983	0.972713	-1.02805	0.671823	1.06803	1.06803	0.989448	0.99796	-1.00204	0.00314329	0.536043	-1.86552	0.752371	0.952286	-1.05011	0.430265	0.883068	-1.13242	2.35635	0.890349	0.335867	1
cg11009362	KSR2	0.120827	0.171074	0.662561	-1.50929	0.160185	0.65455	-1.52777	0.220564	1.43874	1.43874	0.969814	0.989369	-1.01075	0.0640117	0.555477	-1.80025	0.671567	0.886513	-1.12801	0.0266085	0.47606	-2.10058	0.0466382	0.525455	-1.90311	0.345667	0.760092	-1.31563	2.35634	2.97716	1.12309	1
cg00564163	STEAP4	0.120829	0.0600396	8.90938	8.90938	0.0258326	15.3068	15.3068	0.0880842	6.9621	6.9621	0.37365	2.56392	2.56392	0.924481	1.10268	1.10268	0.599293	1.72738	1.72738	0.0756944	7.67761	7.67761	0.0561013	9.30519	9.30519	0.0512023	9.86586	9.86586	2.35632	39.6664	14.9636	1
cg08367205	ARNTL;ARNTL;ARNTL	0.120829	0.0762341	0.576368	-1.735	0.171437	0.66584	-1.50186	0.0274349	2.07231	2.07231	0.0630851	0.557681	-1.79314	0.82615	1.06337	1.06337	0.949196	1.01796	1.01796	0.364657	0.770901	-1.29718	0.617064	1.15121	1.15121	0.598002	0.86189	-1.16024	2.35632	2.91173	1.09841	1
cg21959594	ATP8B3	0.120831	0.517197	1.28255	1.28255	0.0167694	3.02287	3.02287	0.0313581	2.60369	2.60369	0.426319	1.36046	1.36046	0.114707	1.91569	1.91569	0.0353125	2.53169	2.53169	0.236235	1.60054	1.60054	0.479938	1.31276	1.31276	0.10657	1.94988	1.94988	2.35629	5.35926	2.02173	1
cg05702448	DCAF6;BRP44;BRP44;BRP44;DCAF6;BRP44	0.120832	0.0875344	0.623211	-1.60459	0.113262	0.649145	-1.54049	0.0499552	0.570926	-1.75154	0.469049	0.831368	-1.20284	0.010235	0.444167	-2.2514	0.389028	0.801461	-1.24772	0.437069	0.819746	-1.21989	0.05866	0.585387	-1.70827	0.185649	0.703379	-1.42171	2.35629	2.34569	0.88489	1
cg20702419	GLRA1;GLRA1	0.120833	0.118277	0.554264	-1.80419	0.82516	0.925902	-1.08003	0.012927	2.92616	2.92616	0.387536	1.36095	1.36095	0.24014	0.651842	-1.53411	0.28766	0.681041	-1.46834	0.181569	0.610508	-1.63798	0.869393	1.05893	1.05893	0.859742	1.06348	1.06348	2.35628	4.51834	1.70451	1
cg17874528	KLHL25	0.120833	0.119217	0.497554	-2.00983	0.15583	1.87174	1.87174	0.367553	1.46538	1.46538	0.0252899	2.99814	2.99814	0.919775	0.959263	-1.04247	0.711259	0.857704	-1.1659	0.100446	0.475729	-2.10204	0.252013	0.61018	-1.63886	0.893954	0.946429	-1.0566	2.35628	6.36018	2.39933	1
cg11349992	REL;REL	0.120834	0.243842	1.22203	1.22203	0.0128191	0.592934	-1.68653	0.489052	1.12192	1.12192	0.507522	1.11632	1.11632	0.100904	0.742614	-1.34659	0.158046	0.779563	-1.28277	0.310512	0.841763	-1.18798	0.867447	1.02766	1.02766	0.308894	0.841239	-1.18872	2.49297	1.03073	0.321576	1
cg00788048	XAB2	0.120835	0.570188	0.904882	-1.10512	0.430556	1.15044	1.15044	0.464979	0.878505	-1.1383	0.766803	0.949516	-1.05317	0.121786	1.33932	1.33932	0.176458	1.28443	1.28443	0.947888	0.988679	-1.01145	0.6304	0.919018	-1.08812	0.00839145	0.556246	-1.79776	2.35626	1.1323	0.427156	1
cg08271996	KANK4	0.12084	0.70189	0.85816	-1.16528	0.0728325	2.21646	2.21646	0.225297	1.65949	1.65949	0.201788	0.585027	-1.70932	0.0359682	0.37895	-2.63887	0.649483	0.833616	-1.19959	0.404908	1.40346	1.40346	0.709371	0.861652	-1.16056	0.0807684	0.462914	-2.16023	2.35622	5.90324	2.22701	1
cg01715901	CYTIP	0.120843	0.0555434	0.41861	-2.38886	0.371739	1.44494	1.44494	0.765103	0.886691	-1.12779	0.284887	0.640302	-1.56176	0.0100386	0.271385	-3.6848	0.704111	1.16548	1.16548	0.117306	0.505226	-1.97931	0.978521	0.989253	-1.01086	0.252958	0.619273	-1.6148	2.35619	6.01076	2.2676	1
cg11122148	TSC22D1	0.120844	0.918878	1.01217	1.01217	0.0859132	0.798258	-1.25273	0.400381	1.10761	1.10761	0.536302	1.07718	1.07718	0.0668483	0.783542	-1.27626	0.101222	0.808096	-1.23748	0.46067	0.914686	-1.09327	0.0433447	1.3177	1.3177	0.56794	0.933764	-1.07093	2.35618	0.526013	0.198443	1
cg10454268	STX3	0.120847	0.689704	0.956004	-1.04602	0.17262	1.17672	1.17672	0.187739	1.16942	1.16942	0.119194	0.827307	-1.20874	0.880872	0.983328	-1.01695	0.0511156	0.77955	-1.28279	0.0620379	0.790137	-1.2656	0.320838	1.12187	1.12187	0.43682	1.093	1.093	2.35616	0.469022	0.176944	1
cg25404678	SLC12A7	0.120853	0.159513	1.39636	1.39636	0.0122465	1.99985	1.99985	0.025577	1.80243	1.80243	0.135879	1.42895	1.42895	0.396509	1.21269	1.21269	0.498539	0.858477	-1.16485	0.317769	1.25779	1.25779	0.96641	1.0094	1.0094	0.40117	1.21028	1.21028	2.35611	1.8407	0.694439	1
cg27054331	DUSP9	0.120854	0.273376	0.472252	-2.11751	0.889563	0.912614	-1.09575	0.518281	0.649829	-1.53887	0.0761922	3.66401	3.66401	0.229235	2.29427	2.29427	0.0447719	0.219547	-4.55483	0.121456	0.331185	-3.01946	0.157839	0.370126	-2.70179	0.178246	0.390071	-2.56364	2.3561	16.1646	6.09844	1
cg02773151	MID2;MID2	0.120856	0.0334316	0.0607534	-16.46	0.359504	0.345833	-2.89157	0.459138	0.427631	-2.33847	0.8211	1.2908	1.2908	0.950876	1.0719	1.0719	0.208486	0.224386	-4.45661	0.0190031	24.5425	24.5425	0.677105	1.60314	1.60314	0.559759	1.94381	1.94381	2.35608	47.3969	17.8816	1
cg19775269	PTPRS;PTPRS;PTPRS;PTPRS	0.120856	0.0823066	3.64886	3.64886	0.140989	2.90034	2.90034	0.425028	1.72958	1.72958	0.527301	1.5384	1.5384	0.0793005	3.70644	3.70644	0.110974	3.21493	3.21493	0.0178072	6.94127	6.94127	0.0443886	4.7249	4.7249	0.0663192	3.99513	3.99513	2.35608	16.8772	6.36735	1
cg14773858	FLNA;FLNA	0.12086	0.445062	0.773259	-1.29323	0.381255	1.34532	1.34532	0.203835	0.642122	-1.55734	0.826551	1.07518	1.07518	0.00484606	0.291122	-3.43498	0.395804	1.33274	1.33274	0.431374	0.767007	-1.30377	0.589016	1.19741	1.19741	0.717734	0.887003	-1.12739	2.35604	4.07103	1.53592	1
cg19973604	FBF1	0.120861	0.809077	1.09991	1.09991	0.750805	1.13354	1.13354	0.958788	1.02054	1.02054	0.788234	0.899499	-1.11173	0.00240855	0.189567	-5.27519	0.54431	0.785506	-1.27306	0.784119	1.11409	1.11409	0.845568	0.926151	-1.07974	0.344135	0.681554	-1.46723	2.35603	5.7754	2.17896	1
cg17368760	THBD	0.120863	0.924591	0.892394	-1.12058	0.334623	0.302219	-3.30885	0.709311	1.56879	1.56879	0.929196	1.11279	1.11279	0.331142	0.299453	-3.33942	0.209341	0.203681	-4.90964	0.253248	0.23814	-4.19921	0.00856805	56.4156	56.4156	0.262988	4.06883	4.06883	2.35602	53.9594	20.3581	1
cg01020421	BAI1	0.120863	0.0996404	1.89129	1.89129	0.139808	1.75248	1.75248	0.0651784	2.07733	2.07733	0.259569	1.51485	1.51485	0.554716	0.809778	-1.23491	0.261117	1.51264	1.51264	0.00796535	3.32422	3.32422	0.80456	1.0915	1.0915	0.69453	1.14955	1.14955	2.35602	4.653	1.75551	1
cg18887230	SMURF1;SMURF1	0.120864	0.369739	1.39533	1.39533	0.0804798	0.496014	-2.01607	0.680504	1.16153	1.16153	0.0253298	2.61562	2.61562	0.309003	1.4634	1.4634	0.225228	1.58508	1.58508	0.60023	1.21075	1.21075	0.666952	1.16949	1.16949	0.0320203	2.48062	2.48062	2.35601	4.8803	1.84127	1
cg27481555	LRRC17;FBXL13;LRRC17;LRRC17;LRRC17;FBXL13	0.120867	0.102276	0.357432	-2.79774	0.0582579	0.291905	-3.42578	0.464402	0.651534	-1.53484	0.0559398	0.287698	-3.47587	0.0382655	0.251191	-3.98103	0.237759	0.490879	-2.03716	0.0598954	0.294813	-3.39199	0.0316588	0.234703	-4.26071	0.200243	0.459107	-2.17814	2.35598	12.352	4.66027	1
cg08595667	ANKRD11	0.120869	0.597614	1.29913	1.29913	0.00609199	5.80757	5.80757	0.393596	1.53622	1.53622	0.540552	0.737582	-1.35578	0.206009	0.519244	-1.92588	0.90931	0.945556	-1.05758	0.164555	2.07204	2.07204	0.400598	1.52609	1.52609	0.641582	0.794286	-1.25899	2.35596	9.00617	3.39797	1
cg23904047	C21orf66;C21orf66;C21orf66;C21orf49;C21orf49	0.120874	0.44798	1.27453	1.27453	0.767667	1.09739	1.09739	0.105645	1.74104	1.74104	0.987289	0.995015	-1.00501	0.0106488	0.365204	-2.7382	0.904416	1.0384	1.0384	0.372995	0.750597	-1.33227	0.275867	1.42699	1.42699	0.208361	1.51598	1.51598	2.35592	3.67147	1.38525	1
cg22170801	NPEPL1	0.120876	0.0348786	0.478567	-2.08957	0.415695	0.779319	-1.28317	0.0494255	0.510669	-1.95822	0.273148	0.710477	-1.4075	0.0136653	0.40087	-2.49457	0.140048	0.621361	-1.60937	0.690104	0.886815	-1.12763	0.630725	1.15623	1.15623	0.376696	0.761943	-1.31244	2.3559	3.35174	1.26462	1
cg05389053	TEAD4;TEAD4;TEAD4	0.120876	0.184597	0.739888	-1.35156	0.502909	1.15667	1.15667	0.876289	1.03391	1.03391	0.105387	0.684719	-1.46045	0.0120767	0.511718	-1.9542	0.949699	0.986585	-1.0136	0.782855	0.942571	-1.06093	0.112573	0.690875	-1.44744	0.0555912	0.628518	-1.59105	2.3559	1.71003	0.645202	1
cg03354777	COL9A3	0.12088	0.486133	0.862684	-1.15917	0.415044	1.18992	1.18992	0.150257	0.724791	-1.37971	0.533531	1.14067	1.14067	0.146532	1.3844	1.3844	0.0353982	1.66744	1.66744	0.0301835	1.70237	1.70237	0.55342	1.1333	1.1333	0.500927	0.867115	-1.15325	2.35587	1.62545	0.613294	1
cg05277329	FHOD1	0.12088	0.0447401	0.172788	-5.78743	0.0426508	0.168922	-5.91991	0.188548	0.34591	-2.89092	0.170747	0.329067	-3.0389	0.36345	0.490814	-2.03743	0.250786	0.400764	-2.49524	0.0136184	0.0977135	-10.234	0.816311	0.837523	-1.194	0.0860404	0.235645	-4.24368	2.35587	21.6643	8.17413	1
cg23842812	DTX2;DTX2;DTX2;DTX2	0.12088	0.0777129	0.678189	-1.47452	0.774327	1.05859	1.05859	0.0110392	0.531856	-1.88021	0.0273237	0.596198	-1.67729	0.532921	0.882418	-1.13325	0.268654	0.795973	-1.25632	0.304349	0.810025	-1.23453	0.185568	0.757275	-1.32052	0.881387	0.97086	-1.03001	2.35587	1.4637	0.552267	1
cg26330326	COMMD1	0.120881	0.797449	1.05761	1.05761	0.494796	1.16296	1.16296	0.0479639	1.63618	1.63618	0.140875	1.41188	1.41188	0.625123	1.1132	1.1132	0.472977	1.17229	1.17229	0.0678473	0.640553	-1.56115	0.579861	1.1295	1.1295	0.0538248	0.620782	-1.61087	2.35586	1.76956	0.667671	1
cg08179564	TM7SF4	0.120884	0.708268	0.887817	-1.12636	0.627579	1.16738	1.16738	0.0722038	0.529837	-1.88737	0.314597	1.38985	1.38985	0.444891	0.781504	-1.27958	0.287319	1.41869	1.41869	0.0334434	0.455366	-2.19604	0.0669753	1.91557	1.91557	0.632511	1.16475	1.16475	2.35583	3.7389	1.41074	1
cg05358228	WNT8B	0.120885	0.00428205	0.689773	-1.44975	0.209246	0.879289	-1.13728	0.763728	0.971124	-1.02973	0.149664	0.860587	-1.162	0.548742	0.94273	-1.06075	0.126607	0.85162	-1.17423	0.0872156	0.832312	-1.20147	0.65027	0.956605	-1.04536	0.758921	0.970523	-1.03037	2.35582	0.352488	0.132999	1
cg25140571	OXTR	0.120886	0.957647	0.981713	-1.01863	0.0295003	0.41032	-2.43712	0.801888	1.0913	1.0913	0.450258	1.30651	1.30651	0.219796	1.56583	1.56583	0.475309	0.777021	-1.28697	0.10593	0.541337	-1.84728	0.479937	0.779142	-1.28346	0.0505728	2.16906	2.16906	2.35582	4.50631	1.7003	1
cg21045608	STK33;STK33	0.120888	0.0756728	0.747106	-1.3385	0.960804	0.99278	-1.00727	0.259345	1.18947	1.18947	0.187583	0.813893	-1.22866	0.180955	0.811038	-1.23299	0.00932571	0.614915	-1.62624	0.239037	0.833755	-1.19939	0.907762	1.01724	1.01724	0.872732	0.976639	-1.02392	2.3558	0.811204	0.306083	1
cg20718643	RHOB	0.12089	0.884946	1.02653	1.02653	0.0302171	1.58549	1.58549	0.192319	1.2835	1.2835	0.495627	0.882378	-1.1333	0.745864	0.94288	-1.06058	0.489434	0.880737	-1.13541	0.0265005	0.621427	-1.6092	0.686338	1.07619	1.07619	0.255709	0.806864	-1.23937	2.35578	1.2205	0.460522	1
cg18915287	COQ10B	0.12089	0.478085	0.91245	-1.09595	0.214725	1.18048	1.18048	0.0301029	1.38268	1.38268	0.61655	0.937878	-1.06624	0.334727	1.13471	1.13471	0.069535	0.772685	-1.29419	0.117575	0.805796	-1.24101	0.331864	0.880577	-1.13562	0.974069	1.00414	1.00414	2.35578	0.602112	0.227191	1
cg25964908	MARK3;MARK3;MARK3;MARK3;MARK3	0.12089	0.294316	0.766825	-1.30408	0.155329	1.4494	1.4494	0.200004	1.3916	1.3916	0.469184	0.835481	-1.19692	0.37619	0.80118	-1.24816	0.0260466	0.524831	-1.90538	0.193211	1.39946	1.39946	0.622367	0.885884	-1.12882	0.128204	0.669389	-1.4939	2.35578	2.22292	0.83876	1
cg10523019	RHBDD1;RHBDD1	0.120891	0.0598464	5.1738	5.1738	0.492903	1.71435	1.71435	0.854413	1.15278	1.15278	0.391261	1.97374	1.97374	0.553407	0.628724	-1.59052	0.57487	1.55062	1.55062	0.375017	0.494222	-2.02338	0.00701738	14.8537	14.8537	0.201013	2.8443	2.8443	2.35577	22.3542	8.43477	1
cg17464043	KRT39	0.120893	0.123355	0.592732	-1.6871	0.226971	0.672017	-1.48806	0.0240487	0.430291	-2.32401	0.113544	0.583005	-1.71525	0.316819	0.723058	-1.38302	0.35188	0.740668	-1.35013	0.0209605	0.418783	-2.38787	0.0351786	0.463564	-2.1572	0.260573	0.69233	-1.4444	2.35575	3.66337	1.38229	1
cg26842306	WDR27	0.120894	0.319146	0.86979	-1.1497	0.165445	1.22196	1.22196	0.708752	0.950428	-1.05216	0.56712	1.08154	1.08154	0.724302	1.04916	1.04916	0.0144694	0.664781	-1.50425	0.0618935	1.32961	1.32961	0.465636	0.904287	-1.10584	0.790412	0.96455	-1.03675	2.35575	0.685016	0.258476	1
cg00025991	DIP2C	0.1209	0.234015	0.827387	-1.20862	0.701674	0.94322	-1.0602	0.0680961	0.733232	-1.36382	0.257399	0.835679	-1.19663	0.343916	0.862368	-1.1596	0.504146	0.902172	-1.10844	0.0404949	1.43239	1.43239	0.660228	0.935021	-1.06949	0.0328259	0.684421	-1.46109	2.3557	0.860594	0.324733	1
cg21000999	APP;APP;APP;APP;APP	0.120901	0.844181	1.07313	1.07313	0.117356	1.84056	1.84056	0.516317	1.26622	1.26622	0.107618	1.87723	1.87723	0.108403	0.533579	-1.87414	0.445191	1.322	1.322	0.143634	1.75697	1.75697	0.136031	1.77921	1.77921	0.0759525	0.492452	-2.03065	2.35569	4.79961	1.81107	1
cg06414605	HES1	0.120901	0.949328	1.00657	1.00657	0.118295	0.839723	-1.19087	0.14481	1.17505	1.17505	0.0508532	0.795212	-1.25753	0.784092	0.972106	-1.02869	0.721716	1.03753	1.03753	0.545062	0.938858	-1.06512	0.537597	1.06641	1.06641	0.0284733	1.30515	1.30515	2.35568	0.395866	0.149375	1
cg23375593	ADARB2	0.120902	0.0113871	0.303367	-3.29851	0.926964	0.966046	-1.03515	0.727881	0.876684	-1.14066	0.979523	0.990377	-1.00972	0.155076	0.563664	-1.77411	0.394685	1.38882	1.38882	0.0650015	2.18293	2.18293	0.477489	0.761763	-1.31274	0.6487	1.18864	1.18864	2.35568	5.29616	1.99845	1
cg16474647	APOM	0.120903	0.463423	0.88386	-1.1314	0.181326	1.26458	1.26458	0.525795	0.899114	-1.11221	0.790861	0.956986	-1.04495	0.158615	0.779367	-1.28309	0.0995029	1.34805	1.34805	0.436191	1.14043	1.14043	0.406579	0.868972	-1.15079	0.0170697	0.618163	-1.6177	2.35566	1.02089	0.385225	1
cg26927634	CBFA2T3;CBFA2T3	0.120904	0.823285	0.885907	-1.12879	0.0184089	4.70635	4.70635	0.0375355	3.69509	3.69509	0.558388	1.37789	1.37789	0.844425	0.899056	-1.11228	0.598152	0.749711	-1.33385	0.0991824	0.375696	-2.66172	0.391297	1.60917	1.60917	0.932781	0.955338	-1.04675	2.35565	10.9441	4.12968	1
cg25608871	RASGRF1;RASGRF1;RASGRF1	0.120905	0.192865	0.821122	-1.21785	0.38259	1.13661	1.13661	0.242909	1.19096	1.19096	0.0803049	1.31977	1.31977	0.175847	1.22855	1.22855	0.585287	1.08199	1.08199	0.00848883	1.61683	1.61683	0.719455	1.05294	1.05294	0.933265	0.988094	-1.01205	2.35565	0.763029	0.287924	1
cg02966053	SNORD115-5;SNORD115-12;SNORD115-10;SNORD115-8;SNORD115-9	0.120905	0.0230458	0.156779	-6.37841	0.145072	0.344103	-2.9061	0.894212	0.913293	-1.09494	0.980562	1.01675	1.01675	0.0389444	0.196028	-5.10131	0.393246	0.550899	-1.81521	0.199698	2.51843	2.51843	0.354545	0.522408	-1.91421	0.0910259	0.281095	-3.55751	2.35564	17.3387	6.54268	1
cg15894748	EXTL3	0.120908	0.0417901	0.634174	-1.57686	0.388757	0.842449	-1.18702	0.819213	0.956538	-1.04544	0.335479	1.21261	1.21261	0.109641	0.712822	-1.40287	0.99194	0.998041	-1.00196	0.0430363	1.57128	1.57128	0.169208	1.3288	1.3288	0.976235	1.0058	1.0058	2.35562	1.40549	0.530358	1
cg07876788	TMEM140	0.12091	0.308071	0.519886	-1.9235	0.97837	1.01695	1.01695	0.0357939	4.54744	4.54744	0.0386856	0.226592	-4.41321	0.206635	0.437862	-2.28382	0.612123	1.37305	1.37305	0.0908253	0.315034	-3.17426	0.866582	0.900996	-1.10988	0.376448	0.569635	-1.75551	2.35561	14.3423	5.41207	1
cg07442907	NLRP1;NLRP1;NLRP1;NLRP1;NLRP1	0.120912	0.615385	0.85596	-1.16828	0.273304	0.704659	-1.41913	0.224819	0.676075	-1.47913	0.0837303	0.555629	-1.79976	0.925643	1.02908	1.02908	0.553854	1.20185	1.20185	0.0171762	2.43897	2.43897	0.976394	0.990956	-1.00913	0.125133	0.600698	-1.66473	2.35559	3.51695	1.32713	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04013089	GOLGA3	0.120913	0.334967	0.681152	-1.4681	0.738501	0.878639	-1.13812	0.178457	0.575764	-1.73682	0.0469189	2.40693	2.40693	0.46977	1.32841	1.32841	0.459987	0.747888	-1.3371	0.0156891	3.13815	3.13815	0.758831	1.12628	1.12628	0.891427	0.948627	-1.05415	2.35558	5.56334	2.09936	1
cg04914283	EPHB2;EPHB2	0.120915	0.896569	0.962516	-1.03894	0.0115613	2.52844	2.52844	0.634448	0.868745	-1.15109	0.0438697	0.506411	-1.97468	0.390702	0.772323	-1.2948	0.297615	0.728201	-1.37325	0.544454	1.19746	1.19746	0.934762	1.02434	1.02434	0.724524	0.90128	-1.10953	2.35556	3.21918	1.21478	1
cg11694120	SPDYE4;SPDYE4	0.120915	0.064002	0.296802	-3.36924	0.0242786	0.20869	-4.79179	0.294499	0.530232	-1.88597	0.156296	0.412748	-2.42279	0.0516404	0.27458	-3.64193	0.137066	0.392775	-2.54599	0.78468	0.852303	-1.17329	0.0342691	0.236643	-4.22577	0.125032	0.379491	-2.63511	2.35556	12.7029	4.79353	1
cg12770414	GPR153	0.120916	0.841614	0.947955	-1.0549	0.010992	2.34509	2.34509	0.148976	1.51202	1.51202	0.201361	0.697361	-1.43398	0.214685	1.41756	1.41756	0.373761	1.27622	1.27622	0.28731	1.34332	1.34332	0.12098	1.56706	1.56706	0.178086	1.4656	1.4656	2.35555	2.66234	1.00466	1
cg22865542	GRLF1	0.120916	0.0624358	2.8157	2.8157	0.902435	0.941256	-1.06241	0.603147	1.29553	1.29553	0.145031	2.16537	2.16537	0.7679	0.864076	-1.15731	0.144603	2.16741	2.16741	0.0429865	0.316744	-3.15713	0.0678724	2.74439	2.74439	0.502834	1.39889	1.39889	2.35555	9.09119	3.43065	1
cg22293140	ANXA2;ANXA2;ANXA2;ANXA2	0.120917	0.0715693	33.3917	33.3917	0.0465614	53.2137	53.2137	0.140232	15.9081	15.9081	0.469051	3.61261	3.61261	0.0956002	24.34	24.34	0.0577923	42.1119	42.1119	0.0214473	123.738	123.738	0.313106	6.16722	6.16722	0.803198	0.647011	-1.54557	2.35555	113.424	42.8018	1
cg17848797	UBE2J2;UBE2J2;LOC100128842;UBE2J2;UBE2J2	0.120919	0.631134	1.10682	1.10682	0.681889	0.917165	-1.09032	0.397378	0.833757	-1.19939	0.139919	1.39546	1.39546	0.195401	0.750282	-1.33283	0.384831	1.20555	1.20555	0.114852	1.43296	1.43296	0.0689024	1.53282	1.53282	0.0558371	0.634737	-1.57546	2.35553	1.64218	0.619696	1
cg25937494	SREBF2	0.12092	0.634195	0.669699	-1.49321	0.382012	2.12106	2.12106	0.276652	0.386344	-2.58837	0.937815	1.06736	1.06736	0.0346932	0.121532	-8.22828	0.182559	0.303412	-3.29585	0.263258	2.66605	2.66605	0.0921346	4.81725	4.81725	0.120846	4.15034	4.15034	2.49212	26.968	8.41656	1
cg03545575	AQP9	0.12092	0.805852	1.15558	1.15558	0.829239	1.13523	1.13523	0.0816562	0.32203	-3.1053	0.957292	1.03195	1.03195	0.0408889	0.250126	-3.99799	0.750159	0.828951	-1.20634	0.047358	0.263889	-3.78948	0.056424	0.281293	-3.55501	0.0490603	0.267308	-3.741	2.35552	12.8634	4.8542	1
cg04088697	DLX6AS	0.120922	0.698497	1.3774	1.3774	0.636981	0.676351	-1.47852	0.10906	4.21018	4.21018	0.106913	4.25405	4.25405	0.283075	2.50299	2.50299	0.459305	0.538047	-1.85857	0.0263892	8.72268	8.72268	0.0305143	8.09488	8.09488	0.158408	3.45669	3.45669	2.3555	25.2446	9.5265	1
cg06764387	ADARB2	0.120926	0.290798	0.820773	-1.21836	0.0682656	0.692248	-1.44457	0.0756238	1.42805	1.42805	0.676093	1.07864	1.07864	0.0413665	0.654495	-1.5279	0.693065	1.07409	1.07409	0.180958	0.774214	-1.29163	0.277003	1.22593	1.22593	0.825477	0.960993	-1.04059	2.35546	1.21093	0.456974	1
cg13624320	H2AFY;H2AFY;H2AFY;H2AFY	0.120929	?	?	?	0.997865	1.00223	1.00223	?	?	?	0.20133	0.325717	-3.07015	0.759615	1.29062	1.29062	0.367355	2.15924	2.15924	0.0933403	0.215599	-4.63824	0.908302	1.10052	1.10052	0.012762	0.0763887	-13.0909	2.40626	20.4823	9.72812	1
cg11129291	DARS	0.12093	0.02076	0.612794	-1.63187	0.961022	0.991439	-1.00863	0.420543	1.15577	1.15577	0.271044	0.817433	-1.22334	0.75628	1.0563	1.0563	0.448613	1.14551	1.14551	0.0197395	0.609371	-1.64104	0.318528	0.834131	-1.19885	0.282568	0.821658	-1.21705	2.35543	1.1545	0.435684	1
cg15405668	C4orf10;NOP14	0.12093	0.551642	0.89112	-1.12218	0.0482874	0.649245	-1.54025	0.622041	0.909276	-1.09978	0.55097	0.890943	-1.12241	0.12495	0.727672	-1.37425	0.00922412	0.531209	-1.8825	0.430328	0.857206	-1.16658	0.0781998	0.687613	-1.45431	0.0682275	0.676502	-1.47819	2.35543	1.3667	0.515762	1
cg26019680	PODXL2	0.120931	0.928224	0.972309	-1.02848	0.161564	0.627551	-1.5935	0.383571	0.756932	-1.32112	0.904562	1.03809	1.03809	0.0130446	0.382919	-2.61152	0.0996825	0.569849	-1.75485	0.261969	1.4399	1.4399	0.204118	1.51848	1.51848	0.420668	0.773821	-1.29229	2.35542	3.62398	1.36762	1
cg03047277	NAAA;NAAA	0.120932	0.0966766	0.703835	-1.42079	0.0316008	0.61546	-1.6248	0.764056	0.943675	-1.05969	0.171506	0.755512	-1.32361	0.705039	1.07599	1.07599	0.548265	0.889588	-1.12412	0.0571988	1.51339	1.51339	0.227724	0.783602	-1.27616	0.196578	0.768777	-1.30077	2.35541	1.3836	0.522147	1
cg03506660	PPIL5;PPIL5	0.120933	0.756368	1.13812	1.13812	0.0490762	0.392997	-2.54455	0.0363777	0.363751	-2.74913	0.718571	1.16235	1.16235	0.805621	0.902584	-1.10793	0.0269239	0.33644	-2.9723	0.252664	0.608534	-1.64329	0.575671	0.790507	-1.26501	0.060654	0.415092	-2.40911	2.3554	6.44674	2.43289	1
cg22727761	PNRC2	0.120935	0.648652	1.08062	1.08062	0.527952	0.897552	-1.11414	0.324408	0.841965	-1.1877	0.875363	1.02689	1.02689	0.398796	0.864144	-1.15721	0.062134	0.701193	-1.42614	0.788963	1.04639	1.04639	0.00956267	1.74133	1.74133	0.621869	1.08766	1.08766	2.35539	1.0658	0.402217	1
cg15833534	FABP3	0.120936	0.373995	0.762663	-1.31119	0.0137106	2.47168	2.47168	0.568689	1.18654	1.18654	0.158508	0.639202	-1.56445	0.802726	1.07715	1.07715	0.141106	1.59989	1.59989	0.992175	0.997093	-1.00292	0.587451	0.849899	-1.17661	0.0951547	1.72359	1.72359	2.35537	3.28834	1.24098	1
cg03110267	C18orf25;C18orf25	0.120937	0.110114	2.2619	2.2619	0.37291	0.651322	-1.53534	0.887943	0.936053	-1.06832	0.658295	1.23198	1.23198	0.986237	0.991948	-1.00812	0.214567	1.84487	1.84487	0.0145344	0.243897	-4.10009	0.946641	1.03187	1.03187	0.104542	2.29705	2.29705	2.35537	8.19528	3.09281	1
cg24011637	FOSL2	0.120937	0.431159	1.12988	1.12988	0.432816	1.12937	1.12937	0.517623	0.90511	-1.10484	0.480317	1.11521	1.11521	0.49848	1.11009	1.11009	0.0478928	1.41024	1.41024	0.0167533	0.641626	-1.55854	0.23624	0.828091	-1.2076	0.796789	1.04	1.04	2.35536	0.8617	0.325196	1
cg04782396	SF3B2	0.120938	0.481798	1.06017	1.06017	0.796764	1.02131	1.02131	0.00707657	1.32897	1.32897	0.151793	0.882074	-1.13369	0.809266	0.980433	-1.01996	0.403952	0.932592	-1.07228	0.552897	1.05028	1.05028	0.494783	1.05829	1.05829	0.143888	1.13691	1.13691	2.35536	0.249103	0.0940092	1
cg02562761	TFAP4	0.120939	0.040552	0.19626	-5.09529	0.0985556	0.287315	-3.4805	0.0717101	0.250478	-3.99237	0.0871442	0.272407	-3.67098	0.0303198	0.173261	-5.77165	0.0922142	0.279149	-3.58231	0.193417	0.387722	-2.57917	0.259014	0.444528	-2.24958	0.0569021	0.226846	-4.40827	2.35535	17.6815	6.67283	1
cg12243255	CSRNP1	0.12094	0.571747	1.06149	1.06149	0.214608	1.14617	1.14617	0.0208799	0.748023	-1.33686	0.318216	1.11375	1.11375	0.0918572	1.21385	1.21385	0.586219	1.05907	1.05907	0.135946	0.84553	-1.18269	0.957796	0.994489	-1.00554	0.34276	1.10746	1.10746	2.35534	0.406786	0.153518	1
cg00735923	CFTR	0.120941	0.0572975	22.2585	22.2585	0.423613	3.25162	3.25162	0.148269	9.36969	9.36969	0.842551	1.33235	1.33235	0.0808586	16.3307	16.3307	0.204538	6.90097	6.90097	0.869268	1.26829	1.26829	0.0197205	58.1691	58.1691	0.0259521	45.3325	45.3325	2.35533	77.6556	29.3068	1
cg19615406	AFAP1L2;AFAP1L2	0.120943	0.171149	0.470486	-2.12546	0.673106	1.24555	1.24555	0.517686	1.40408	1.40408	0.0431049	3.33412	3.33412	0.0472613	0.308933	-3.23694	0.383606	0.629837	-1.58771	0.210009	0.504805	-1.98096	0.129461	0.428408	-2.33422	0.375356	0.62451	-1.60126	2.35531	9.98798	3.76944	1
cg08154700	HCCA2;LOC338651	0.120944	0.162245	0.830142	-1.20461	0.767007	0.963609	-1.03777	0.197634	0.843751	-1.18518	0.940776	0.990773	-1.00931	0.00414313	0.61906	-1.61535	0.21537	0.849852	-1.17668	0.363287	0.889972	-1.12363	0.794382	1.03312	1.03312	0.130498	0.815673	-1.22598	2.35531	0.580615	0.219123	1
cg15712323	ELAVL3;ELAVL3	0.120947	0.318401	1.37738	1.37738	0.295448	0.714003	-1.40055	0.174023	1.56677	1.56677	0.0759045	1.84655	1.84655	0.0333991	0.462169	-2.16371	0.358889	0.746086	-1.34033	0.582932	1.18789	1.18789	0.164903	1.58406	1.58406	0.627704	0.859216	-1.16385	2.35528	3.59603	1.35715	1
cg00951597	NOS1AP;NOS1AP	0.120949	0.337815	1.19243	1.19243	0.0296194	1.57791	1.57791	0.411305	1.16141	1.16141	0.124584	1.34468	1.34468	0.119381	1.35122	1.35122	0.48503	0.881285	-1.13471	0.102447	0.727386	-1.37479	0.601586	0.910439	-1.09837	0.361331	0.846089	-1.18191	2.35526	1.18335	0.446604	1
cg20528183	SGCE;SGCE;PEG10;SGCE;PEG10	0.120949	0.0125216	0.325517	-3.07204	0.55277	1.24232	1.24232	0.379515	1.38505	1.38505	0.0629851	0.469661	-2.1292	0.739713	1.12803	1.12803	0.42473	0.744867	-1.34252	0.907329	0.958797	-1.04297	0.333686	1.43373	1.43373	0.289318	1.48797	1.48797	2.35526	4.8699	1.83793	1
cg08797741	C3orf75	0.120952	0.0214501	0.407891	-2.45164	0.121465	1.72442	1.72442	0.0362714	2.20358	2.20358	0.782074	0.913938	-1.09417	0.571631	1.20383	1.20383	0.61349	0.847642	-1.17974	0.98877	1.00458	1.00458	0.466135	1.27213	1.27213	0.397688	1.32451	1.32451	2.35524	3.9288	1.48277	1
cg23653712	SGCB	0.120955	0.00709506	0.39137	-2.55513	0.899247	1.03475	1.03475	0.978559	1.00727	1.00727	0.736859	0.913065	-1.09521	0.267828	0.732507	-1.36517	0.175193	0.67786	-1.47523	0.301608	1.33459	1.33459	0.186955	0.68576	-1.45824	0.348189	1.29754	1.29754	2.35521	2.71283	1.02386	1
cg24111466	WNK1	0.120958	0.304885	0.745868	-1.34072	0.242182	0.71334	-1.40186	0.438606	0.804112	-1.24361	0.248685	0.716944	-1.39481	0.307883	0.747315	-1.33812	0.565371	1.17395	1.17395	0.00805073	2.55179	2.55179	0.721894	1.10365	1.10365	0.714114	1.10687	1.10687	2.35519	2.84066	1.07211	1
cg08659357	HRASLS;HRASLS;MGC2889	0.12096	0.953772	0.980216	-1.02018	0.304373	1.44288	1.44288	0.609106	0.837137	-1.19455	0.743029	0.892798	-1.12007	0.00941916	0.321594	-3.10951	0.0501842	0.463195	-2.15892	0.258472	1.50141	1.50141	0.945145	0.976561	-1.024	0.781809	1.10043	1.10043	2.35516	4.43159	1.67258	1
cg16837769	NDUFA4	0.120962	0.297355	0.725308	-1.37872	0.0100064	0.380364	-2.62906	0.886826	0.958552	-1.04324	0.278712	0.715477	-1.39767	0.259361	0.704842	-1.41876	0.867582	1.05086	1.05086	0.551223	1.19629	1.19629	0.739932	1.1041	1.1041	0.0798588	1.78205	1.78205	2.35515	3.29607	1.24402	1
cg25362219	MRPL45	0.120965	0.664175	1.0656	1.0656	0.730958	0.951034	-1.05149	0.512061	1.10155	1.10155	0.998998	0.999817	-1.00018	0.730252	1.05163	1.05163	0.669713	0.939497	-1.0644	0.00264317	1.83147	1.83147	0.47081	0.898789	-1.11261	0.742886	1.04904	1.04904	2.35512	0.789135	0.297842	1
cg19671120	CNGA3;CNGA3;CNGA3;CNGA3	0.120967	0.468515	0.87035	-1.14896	0.180364	0.765038	-1.30712	0.605186	0.906483	-1.10316	0.0678614	0.680414	-1.46969	0.187319	0.768657	-1.30097	0.0508186	0.657769	-1.52029	0.0105348	0.545586	-1.83289	0.0546725	0.663415	-1.50735	0.464459	0.869207	-1.15047	2.3551	1.32213	0.499014	1
cg17227156	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.120968	0.298523	0.767058	-1.30368	0.905945	1.02952	1.02952	0.0377523	1.80941	1.80941	0.0510685	0.578788	-1.72775	0.608253	0.88053	-1.13568	0.538516	0.857909	-1.16562	0.0375521	0.552216	-1.81089	0.831697	0.948972	-1.05377	0.280367	0.758696	-1.31805	2.3551	2.25905	0.85264	1
cg19345219	ACRBP	0.120968	0.206367	0.616827	-1.6212	0.698505	1.15154	1.15154	0.011458	0.317635	-3.14826	0.346892	0.703893	-1.42067	0.0247991	0.37961	-2.63428	0.263023	0.655067	-1.52656	0.0838437	0.499809	-2.00076	0.503731	0.781941	-1.27887	0.839791	0.929249	-1.07614	2.35509	4.9017	1.85006	1
cg20004424	TBL2	0.120968	?	?	?	0.716504	0.798079	-1.25301	0.788479	1.1808	1.1808	0.0395329	4.72385	4.72385	0.933042	0.949429	-1.05326	0.447026	0.617625	-1.61911	0.0408863	0.214863	-4.65413	0.0777769	0.284045	-3.52057	0.343962	0.544186	-1.83761	2.70498	13.8295	3.83447	1
cg16118600	ERCC6L;PIN4	0.12097	0.105129	0.424772	-2.3542	0.560669	1.32907	1.32907	0.118498	2.26926	2.26926	0.00887619	5.00425	5.00425	0.497533	1.39517	1.39517	0.491529	0.713319	-1.4019	0.921293	1.04895	1.04895	0.754412	0.859214	-1.16385	0.827905	0.900082	-1.11101	2.35507	8.72055	3.29145	1
cg14855367	UTS2D;CCDC50;CCDC50;UTS2D	0.120972	0.337359	0.514506	-1.94361	0.566595	1.4758	1.4758	0.386589	1.81541	1.81541	0.241269	0.438603	-2.27997	0.0104417	0.114625	-8.72412	0.0642222	0.247297	-4.04372	0.215838	0.416792	-2.39928	0.184163	0.388092	-2.57671	0.872227	1.1142	1.1142	2.35506	16.8371	6.35495	1
cg23712405	BTBD8	0.120973	?	?	?	0.0416958	17.0213	17.0213	?	?	?	0.396956	0.442288	-2.26097	?	?	?	0.447657	0.486167	-2.05691	?	?	?	0.219631	3.59745	3.59745	?	?	?	4.57517	20.8725	3.42159	1
cg11717251	PTPRN2;PTPRN2;PTPRN2	0.120973	0.0813307	0.712272	-1.40396	0.459227	0.876049	-1.14149	0.199583	0.788216	-1.26869	0.0874406	1.39281	1.39281	0.442395	1.14745	1.14745	0.0780128	1.41039	1.41039	0.212315	1.25947	1.25947	0.154364	1.30699	1.30699	0.647161	0.922262	-1.08429	2.35505	1.15015	0.434113	1
cg10712687	MTNR1B	0.120974	0.559275	1.17984	1.17984	0.278248	1.37133	1.37133	0.367969	0.771822	-1.29564	0.204342	0.687186	-1.45521	0.178053	0.669775	-1.49304	0.186456	0.675523	-1.48033	0.0219012	2.16026	2.16026	0.222939	1.43144	1.43144	0.467635	1.22998	1.22998	2.35504	2.92582	1.10433	1
cg14561881	CCDC45;DDX5	0.120975	0.0611611	0.835357	-1.19709	0.253784	1.10696	1.10696	0.265482	1.104	1.104	0.670839	0.964206	-1.03712	0.995002	0.999466	-1.00053	0.757405	0.973928	-1.02677	0.018923	0.784782	-1.27424	0.971221	1.00308	1.00308	0.14094	1.14456	1.14456	2.35504	0.271153	0.102344	1
cg04143346	AGL;AGL;AGL;AGL;AGL;AGL	0.120975	0.519444	0.807766	-1.23798	0.181198	1.59049	1.59049	0.805796	0.922633	-1.08385	0.176192	1.60014	1.60014	0.531202	1.23041	1.23041	0.862718	0.944993	-1.05821	0.0084751	0.333327	-3.00005	0.222924	0.657926	-1.51993	0.509595	0.803574	-1.24444	2.35504	3.98591	1.50445	1
cg07909897	PTPRN2;PTPRN2;PTPRN2	0.120976	0.137868	0.780464	-1.28129	0.98097	0.996307	-1.00371	0.754921	1.04978	1.04978	0.845622	0.970211	-1.0307	0.749301	0.951479	-1.051	0.840851	0.969291	-1.03168	0.00612486	1.74181	1.74181	0.160476	0.792476	-1.26187	0.831273	0.967441	-1.03366	2.35503	0.897645	0.33881	1
cg00019151	SLC9A11	0.120977	0.960216	0.985838	-1.01437	0.0299	0.481658	-2.07616	0.00709807	0.369888	-2.70352	0.4832	0.815662	-1.226	0.321902	0.746322	-1.3399	0.754786	0.914308	-1.09372	0.419019	1.26631	1.26631	0.375574	0.771034	-1.29696	0.875196	0.956053	-1.04597	2.35502	3.04941	1.15098	1
cg08567913	ZBTB16;ZBTB16	0.120977	0.380999	0.545187	-1.83423	0.0234195	0.160718	-6.22206	0.141277	0.343689	-2.90961	0.22094	0.419497	-2.38381	0.0591835	0.237357	-4.21306	0.250537	0.444599	-2.24922	0.0118754	0.120016	-8.3322	0.658067	0.740299	-1.35081	0.26578	0.457094	-2.18773	2.35501	16.9992	6.41626	1
cg27312916	SYTL2;SYTL2;SYTL2	0.120978	0.723176	1.33632	1.33632	0.0332113	7.60832	7.60832	0.0231036	9.15527	9.15527	0.253888	0.378609	-2.64125	0.383809	0.482898	-2.07083	0.216628	0.346523	-2.88582	0.751979	1.29492	1.29492	0.781453	1.25446	1.25446	0.538036	0.601545	-1.66238	2.355	24.7843	9.35474	1
cg03664800	LOXL2	0.120979	0.439984	0.840724	-1.18945	0.0632375	1.58442	1.58442	0.210914	1.33694	1.33694	0.682907	0.913494	-1.0947	0.572313	0.881885	-1.13393	0.138089	0.703459	-1.42155	0.182148	0.732021	-1.36608	0.286578	0.783659	-1.27606	0.0320398	0.575039	-1.73901	2.355	1.81001	0.683185	1
cg25563480	GOLGA3	0.120979	0.900036	0.942273	-1.06126	0.677545	1.21878	1.21878	0.778937	0.875336	-1.14242	0.83888	0.908168	-1.10112	0.0417358	0.329368	-3.03612	0.537077	0.743999	-1.34409	0.536334	1.34483	1.34483	0.0698099	2.60993	2.60993	0.0203921	0.266476	-3.75268	2.355	8.3496	3.15154	1
cg00694512	CHCHD6	0.120979	0.629972	1.11374	1.11374	0.236867	0.759552	-1.31657	0.622369	1.11646	1.11646	0.328415	0.799427	-1.2509	0.0816297	0.65163	-1.53461	0.0973887	0.667859	-1.49732	0.372683	0.816196	-1.2252	0.0441282	0.598566	-1.67066	0.0163972	0.521539	-1.9174	2.355	1.83686	0.693318	1
cg19826864	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438	0.120982	0.65414	1.08262	1.08262	0.0950527	0.724049	-1.38112	0.459632	1.14172	1.14172	0.96979	0.993356	-1.00669	0.227165	0.799967	-1.25005	0.0237346	1.60832	1.60832	0.054935	1.4669	1.4669	0.788631	1.04844	1.04844	0.31459	1.20089	1.20089	2.35497	1.15572	0.436229	1
cg03571383	MRGPRE	0.120983	0.35157	1.71234	1.71234	0.237737	0.499633	-2.00147	0.0506216	0.286608	-3.48908	0.730657	0.823759	-1.21395	0.271973	0.526481	-1.8994	0.812367	1.14272	1.14272	0.0229698	4.59996	4.59996	0.23367	2.01478	2.01478	0.794184	0.86357	-1.15798	2.35497	11.7396	4.43115	1
cg18801906	SHANK2	0.120984	0.347409	0.329361	-3.03618	0.0937715	8.29321	8.29321	0.0877495	8.69991	8.69991	0.791004	1.35647	1.35647	0.083909	0.1113	-8.9847	0.427369	2.53509	2.53509	0.310393	0.299731	-3.33632	0.0656204	0.093322	-10.7156	0.496456	0.452653	-2.2092	2.35496	49.1461	18.5504	1
cg00328075	DLC1;DLC1	0.120985	0.0370082	8.10504	8.10504	0.142083	3.91031	3.91031	0.163839	3.60969	3.60969	0.121932	4.25646	4.25646	0.793373	1.25457	1.25457	0.0643931	6.02057	6.02057	0.0228079	10.5263	10.5263	0.10176	4.70032	4.70032	0.0860108	5.15021	5.15021	2.35495	27.8394	10.5081	1
cg12271317	LEF1;LEF1;LEF1;LEF1	0.120986	0.989537	0.99656	-1.00345	0.608215	1.14552	1.14552	0.973458	1.00878	1.00878	0.317534	1.31191	1.31191	0.0107375	0.430694	-2.32183	0.179896	1.4539	1.4539	0.0655035	1.72148	1.72148	0.740484	0.916367	-1.09127	0.928571	0.976716	-1.02384	2.35494	2.57512	0.971996	1
cg07184411	PARP14	0.120993	0.925166	0.963487	-1.0379	0.806464	1.10209	1.10209	0.154813	1.83898	1.83898	0.965021	0.982788	-1.01751	0.18941	0.573923	-1.7424	0.977703	1.01113	1.01113	0.307819	1.52216	1.52216	0.988456	0.994289	-1.00574	0.00683929	0.235436	-4.24744	2.4914	6.05435	1.89008	1
cg24720777	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.120995	0.463011	0.833857	-1.19925	0.214462	0.7277	-1.37419	0.0161385	0.488744	-2.04606	0.977768	1.0068	1.0068	0.571917	1.14903	1.14903	0.330659	1.27652	1.27652	0.0873796	1.58251	1.58251	0.188794	1.40303	1.40303	0.692206	1.10161	1.10161	2.35486	2.20625	0.832795	1
cg20342105	BSCL2;GNG3;BSCL2;BSCL2;BSCL2	0.120995	0.243029	0.544003	-1.83822	0.0768403	2.66597	2.66597	0.163975	2.09621	2.09621	0.260764	1.7941	1.7941	0.814123	1.12453	1.12453	0.491947	0.706222	-1.41599	0.181551	0.493243	-2.0274	0.0625004	2.8426	2.8426	0.0812027	2.62049	2.62049	2.35486	9.26194	3.49611	1
cg15402162	USP54	0.120996	0.354949	1.60899	1.60899	0.152139	0.464542	-2.15266	0.49246	0.705805	-1.41682	0.681693	0.813739	-1.22889	0.197694	0.506356	-1.9749	0.110606	2.38433	2.38433	0.0244717	3.81744	3.81744	0.236323	1.85927	1.85927	0.299409	1.71174	1.71174	2.35485	9.3161	3.51657	1
cg10174849	PROCA1	0.120998	0.0725489	1.72085	1.72085	0.016668	2.20759	2.20759	0.642721	0.881114	-1.13493	0.367067	1.28536	1.28536	0.183352	1.4659	1.4659	0.966097	1.01158	1.01158	0.0535154	1.81141	1.81141	0.0528156	1.81543	1.81543	0.374091	1.28041	1.28041	2.35483	2.73752	1.03335	1
cg10399484	GPR37L1	0.121	0.701355	1.09574	1.09574	0.405135	0.817012	-1.22397	0.583151	1.14054	1.14054	0.0169872	1.99507	1.99507	0.109372	0.660864	-1.51317	0.130643	1.47303	1.47303	0.357961	1.25145	1.25145	0.138014	1.46075	1.46075	0.228835	1.34939	1.34939	2.35482	2.09972	0.792595	1
cg13213889	NTSR1	0.121	0.91992	1.05085	1.05085	0.0173359	4.17553	4.17553	0.288295	0.580602	-1.72235	0.70386	1.20726	1.20726	0.237439	0.543134	-1.84117	0.167689	2.06526	2.06526	0.0614333	0.353731	-2.82701	0.892369	0.935413	-1.06905	0.963544	1.0228	1.0228	2.35482	9.07155	3.4243	1
cg20992439	FES;FES;FES;FES	0.121003	0.0567604	0.248145	-4.0299	0.0334475	0.200656	-4.98366	0.212526	0.427977	-2.33658	0.327621	0.520404	-1.92158	0.027594	0.18567	-5.38589	0.058984	0.252005	-3.96818	0.0813243	0.286818	-3.48653	0.814093	0.858769	-1.16446	0.143099	0.361608	-2.76543	2.35479	15.5808	5.88147	1
cg13393204	TMEM135;TMEM135;TMEM135	0.121006	0.829817	1.03841	1.03841	0.0339828	1.54256	1.54256	0.0830952	1.39937	1.39937	0.370946	1.17455	1.17455	0.989168	0.997625	-1.00238	0.464253	1.13934	1.13934	0.024797	0.626295	-1.59669	0.430988	1.15115	1.15115	0.706218	1.06856	1.06856	2.35476	1.14377	0.431757	1
cg24570211	CTNNA2;CTNNA2	0.121009	0.0887629	0.559715	-1.78662	0.0347436	0.467282	-2.14004	0.0234174	0.432976	-2.3096	0.263881	0.69767	-1.43334	0.78577	1.08787	1.08787	0.0792954	0.547622	-1.82608	0.153886	0.623812	-1.60305	0.692712	1.13063	1.13063	0.210093	0.664793	-1.50423	2.35473	3.56356	1.34521	1
cg11778876	RSL24D1	0.12101	0.0644836	0.401605	-2.49001	0.665307	0.82599	-1.21067	0.16326	0.520164	-1.92247	0.74918	0.86858	-1.1513	0.0183505	0.2845	-3.51494	0.12111	0.477934	-2.09234	0.0469493	0.368289	-2.71526	0.951505	1.02707	1.02707	0.0572166	0.388703	-2.57266	2.35473	7.19498	2.71604	1
cg05624382	KCNQ1;KCNQ1	0.12101	0.0267807	0.481839	-2.07538	0.0350008	1.9811	1.9811	0.152463	1.53191	1.53191	0.682444	0.891834	-1.12128	0.853357	0.949812	-1.05284	0.250677	1.39657	1.39657	0.95073	0.982951	-1.01734	0.429957	1.25132	1.25132	0.301069	1.34741	1.34741	2.35472	2.88806	1.09022	1
cg01731811	PTPRN2;PTPRN2;PTPRN2	0.121011	0.052464	0.355805	-2.81053	0.560388	0.758886	-1.31772	0.544857	0.750385	-1.33265	0.423379	1.46693	1.46693	0.00545907	0.18038	-5.54385	0.967849	1.01907	1.01907	0.220885	0.54713	-1.82772	0.573919	0.766257	-1.30504	0.935304	0.962671	-1.03878	2.35472	8.18941	3.09145	1
cg17283889	SDHAP3	0.121013	0.0322165	0.473144	-2.11352	0.166606	0.644036	-1.55271	0.221221	0.681371	-1.46763	0.18309	0.656088	-1.52419	0.0344661	0.479118	-2.08717	0.0308695	0.469399	-2.13039	0.325061	0.73846	-1.35417	0.62569	0.863578	-1.15797	0.0435535	0.500373	-1.99851	2.3547	3.31955	1.25312	1
cg07064156	MAPK8IP3;MAPK8IP3	0.121015	0.259106	2.12616	2.12616	0.988915	0.991139	-1.00894	0.172151	0.394117	-2.53732	0.821087	1.15618	1.15618	0.285015	0.490915	-2.03701	0.774167	0.831672	-1.2024	0.0327509	4.95541	4.95541	0.0274868	5.31523	5.31523	0.276826	2.06404	2.06404	2.35468	15.3081	5.77877	1
cg14836522	SDC3	0.121018	0.16964	0.38612	-2.58987	0.0300532	0.190176	-5.25828	0.0476249	0.229121	-4.36451	0.346841	0.532528	-1.87784	0.0226163	0.169368	-5.90432	0.473308	0.622243	-1.60709	0.039264	0.211929	-4.71855	0.369012	0.548732	-1.82238	0.212016	0.425221	-2.35172	2.35466	15.7791	5.95663	1
cg03544474	UROC1;UROC1	0.121019	0.330069	0.690533	-1.44816	0.031253	2.53727	2.53727	0.32263	0.686325	-1.45703	0.0522329	0.443328	-2.25567	0.075399	0.482251	-2.07361	0.759842	0.893187	-1.11959	0.475139	0.765246	-1.30677	0.543974	1.25393	1.25393	0.294483	0.66993	-1.49269	2.35465	5.0618	1.91085	1
cg19910930	WRN	0.121019	0.291341	0.741162	-1.34923	0.131881	0.640886	-1.56034	0.11909	0.629547	-1.58844	0.177309	0.675533	-1.48031	0.00800677	0.39469	-2.53363	0.0479649	0.538754	-1.85614	0.0882204	0.597717	-1.67303	0.556208	0.849737	-1.17683	0.268259	0.729454	-1.37089	2.35465	2.79091	1.05358	1
cg05416693	ALG1	0.12102	0.778984	1.05432	1.05432	0.0855373	1.42954	1.42954	0.0336174	0.627112	-1.59461	0.415366	1.16945	1.16945	0.837303	0.962078	-1.03942	0.381464	0.844698	-1.18386	0.060371	1.48918	1.48918	0.245776	0.79593	-1.25639	0.456169	0.867019	-1.15338	2.35464	1.31836	0.497686	1
cg07101782	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.121021	0.311335	0.696679	-1.43538	0.465371	0.773859	-1.29223	0.223008	1.55555	1.55555	0.0572959	0.476141	-2.10022	0.946624	0.977163	-1.02337	0.034285	0.4265	-2.34466	0.58033	1.21252	1.21252	0.710908	1.13708	1.13708	0.0807147	1.95103	1.95103	2.35463	4.44024	1.67622	1
cg12187358	LAYN	0.121022	0.184344	0.619844	-1.61331	0.867262	0.944725	-1.05851	0.185262	0.620537	-1.61151	0.0573936	0.481872	-2.07524	0.0467781	0.461526	-2.16673	0.0963664	0.537881	-1.85915	0.808046	1.08619	1.08619	0.014411	0.35902	-2.78536	0.727063	0.887788	-1.12639	2.35462	4.30242	1.6242	1
cg16522462	SIRPA;SIRPA;SIRPA	0.121023	0.833063	0.971726	-1.0291	0.923476	0.987029	-1.01314	0.43171	1.11521	1.11521	0.939182	0.989684	-1.01042	0.0148722	0.665592	-1.50242	0.422597	0.894662	-1.11774	0.221595	1.19075	1.19075	0.575386	1.07994	1.07994	0.0399811	1.3807	1.3807	2.35461	0.688616	0.259959	1
cg10946576	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.121025	0.558885	1.63107	1.63107	0.00662175	18.4927	18.4927	0.0169322	11.1453	11.1453	0.553525	1.64226	1.64226	0.806177	1.22565	1.22565	0.795515	0.806574	-1.23981	0.541975	1.66687	1.66687	0.508735	1.74169	1.74169	0.568554	1.61122	1.61122	2.3546	25.5477	9.64455	1
cg26370409	NMNAT1;LZIC	0.121025	0.934757	1.01014	1.01014	0.49018	1.0902	1.0902	0.0189354	1.41929	1.41929	0.485606	0.9164	-1.09123	0.0739793	1.27808	1.27808	0.0415912	1.33572	1.33572	0.755992	0.962322	-1.03915	0.458372	0.911162	-1.0975	0.197425	1.18279	1.18279	2.35459	0.566111	0.213714	1
cg22069588	PLRG1	0.121029	0.809964	1.05156	1.05156	0.0142877	1.87867	1.87867	0.148416	0.723602	-1.38198	0.762222	1.06538	1.06538	0.931559	1.01809	1.01809	0.0352576	1.66823	1.66823	0.161279	1.36647	1.36647	0.47876	1.16216	1.16216	0.432116	1.18214	1.18214	2.35456	1.62427	0.61319	1
cg09407223	SLC9A5	0.121035	0.209467	0.664915	-1.50395	0.056896	0.514386	-1.94407	0.0266271	0.444608	-2.24917	0.193129	0.653852	-1.5294	0.0146326	0.39558	-2.52794	0.0931832	0.56566	-1.76785	0.382792	0.758721	-1.31801	0.166835	0.634634	-1.57571	0.326316	0.731508	-1.36704	2.35451	3.54919	1.33991	1
cg02708722	EIF2B1;GTF2H3	0.12104	0.0154413	0.337408	-2.96377	0.463396	1.31374	1.31374	0.549479	1.24784	1.24784	0.28993	1.49417	1.49417	0.270012	0.657096	-1.52185	0.93681	1.02941	1.02941	0.0612609	0.462543	-2.16196	0.49952	0.778331	-1.2848	0.273729	1.51652	1.51652	2.35446	4.98437	1.88177	1
cg00790255	LOC100131551	0.12104	0.0232288	0.334621	-2.98846	0.778728	1.12038	1.12038	0.217218	1.68857	1.68857	0.996789	0.998378	-1.00162	0.136146	0.523096	-1.9117	0.657067	1.19758	1.19758	0.976937	0.988403	-1.01173	0.0355428	0.372522	-2.6844	0.164837	0.549951	-1.81834	2.35446	6.07175	2.29229	1
cg19218057	PC;PC	0.121041	0.0432787	0.194013	-5.15431	0.0705011	0.240293	-4.16159	0.806986	0.84142	-1.18847	0.242092	0.421628	-2.37176	0.0359122	0.178772	-5.59371	0.136383	0.322398	-3.10176	0.034527	0.175711	-5.69117	0.0590868	0.222364	-4.49712	0.460877	0.588863	-1.69819	2.35446	18.5545	7.00495	1
cg07035489	SIPA1L2	0.121042	0.704414	1.04404	1.04404	0.215121	0.86282	-1.15899	0.36665	1.11057	1.11057	0.281997	0.88124	-1.13476	0.286094	1.13346	1.13346	0.290747	1.13199	1.13199	0.00758466	1.47452	1.47452	0.669885	0.952665	-1.04969	0.334516	1.11913	1.11913	2.35445	0.476811	0.180013	1
cg24513684	SNAP47;JMJD4;JMJD4	0.121042	0.0311894	0.572383	-1.74708	0.769128	1.0671	1.0671	0.164912	0.721153	-1.38667	0.0503157	0.611201	-1.63612	0.0760825	0.646904	-1.54583	0.646889	0.903232	-1.10714	0.0234674	0.550328	-1.8171	0.19885	0.741121	-1.34931	0.309035	0.792702	-1.26151	2.35444	1.81565	0.685476	1
cg07238401	CALCA;CALCA;CALCA	0.121044	0.986163	0.99412	-1.00591	0.0153115	0.363352	-2.75215	0.0217104	0.391778	-2.55246	0.463929	0.776083	-1.28852	0.390986	0.741638	-1.34837	0.133376	0.576616	-1.73426	0.0792314	0.5155	-1.93986	0.236612	0.655938	-1.52453	0.793737	1.0932	1.0932	2.35443	4.3121	1.62799	1
cg02002586	C6orf27	0.121045	0.964488	0.989747	-1.01036	0.0370932	1.75125	1.75125	0.689704	1.09736	1.09736	0.210278	1.35745	1.35745	0.160055	0.706474	-1.41548	0.503703	1.17009	1.17009	0.339651	0.796271	-1.25585	0.0530462	1.66345	1.66345	0.0738546	1.58602	1.58602	2.35442	1.9982	0.754399	1
cg02462904	RPTOR;RPTOR	0.121045	0.203357	0.649212	-1.54033	0.170756	0.62544	-1.59888	0.00878617	0.341763	-2.926	0.298556	0.707036	-1.41436	0.0408065	0.467806	-2.13764	0.613	0.848657	-1.17833	0.13447	0.59498	-1.68073	0.44549	0.778623	-1.28432	0.0605733	0.506229	-1.97539	2.35442	3.85996	1.4573	1
cg03435244	KIF26B	0.121046	0.862661	1.05193	1.05193	0.289125	1.37956	1.37956	0.765782	1.09129	1.09129	0.260133	1.40984	1.40984	0.0506858	0.521469	-1.91766	0.374868	1.30518	1.30518	0.781226	0.921814	-1.08482	0.0219853	2.23328	2.23328	0.171174	0.653073	-1.53122	2.35441	3.18854	1.20381	1
cg02486078	ZSWIM6	0.121047	0.753497	1.05056	1.05056	0.26266	0.832884	-1.20065	0.816718	1.03702	1.03702	0.864896	0.973688	-1.02702	0.757339	0.952631	-1.04972	0.0990155	1.32735	1.32735	0.0116533	0.610405	-1.63826	0.077936	0.735865	-1.35894	0.389334	0.870989	-1.14812	2.3544	0.91417	0.345139	1
cg27573935	C3orf54	0.121047	0.742695	0.90883	-1.10032	0.106867	0.59999	-1.66669	0.055808	0.533234	-1.87535	0.1696	1.52895	1.52895	0.0812624	0.57072	-1.75217	0.240693	0.70016	-1.42824	0.0243271	0.458921	-2.17902	0.791113	0.925858	-1.08008	0.515515	0.825848	-1.21088	2.3544	3.14013	1.18553	1
cg03533386	RPTOR;RPTOR	0.121049	0.285631	0.763448	-1.30985	0.00824513	0.439385	-2.27591	0.120346	0.663599	-1.50693	0.829561	1.05387	1.05387	0.367472	0.798262	-1.25272	0.40929	0.814325	-1.22801	0.134112	1.48172	1.48172	0.735524	1.08602	1.08602	0.57423	0.870955	-1.14816	2.35439	2.20887	0.83395	1
cg10407136	POLR3E	0.12105	0.0881396	0.513648	-1.94686	0.0285248	2.49659	2.49659	0.148379	0.577611	-1.73127	0.140354	0.570306	-1.75345	0.585055	0.822666	-1.21556	?	?	?	0.992731	1.00323	1.00323	0.682621	1.15668	1.15668	0.430241	1.32982	1.32982	2.37711	4.19451	1.76454	1
cg05608511	C5orf33;C5orf33	0.12105	0.905678	1.03357	1.03357	0.0538375	1.84011	1.84011	0.886763	1.04049	1.04049	0.696199	1.11551	1.11551	0.248511	0.714599	-1.39939	0.0180758	0.449383	-2.22527	0.198998	1.45947	1.45947	0.265754	1.38134	1.38134	0.643529	1.13862	1.13862	2.35438	2.89354	1.09245	1
cg11519760	DLL1	0.12105	0.063574	0.134998	-7.40753	0.0137679	0.0537458	-18.6061	0.0221983	0.0719309	-13.9022	0.249111	0.314585	-3.17879	0.142972	0.220598	-4.53314	0.135545	0.213434	-4.68529	0.479065	0.501161	-1.99537	0.72575	0.713115	-1.4023	0.306311	0.36174	-2.76442	2.35437	34.3682	12.9756	1
cg09325158	TRIM27	0.121051	0.578274	1.06759	1.06759	0.0441534	1.30904	1.30904	0.105971	1.22831	1.22831	0.311997	1.12954	1.12954	0.127238	0.825241	-1.21177	0.635352	0.945885	-1.05721	0.101551	0.811579	-1.23217	0.162522	1.18964	1.18964	0.469091	1.08957	1.08957	2.35437	0.505756	0.190948	1
cg26297299	SHB	0.121053	0.0614733	0.624681	-1.60082	0.094719	0.663536	-1.50708	0.676287	0.910481	-1.09832	0.588168	0.885057	-1.12987	0.0281384	1.78439	1.78439	0.241079	0.760268	-1.31533	0.318925	0.794494	-1.25866	0.376435	0.816509	-1.22473	0.40979	1.20716	1.20716	2.35435	1.85993	0.702218	1
cg13948784	MFSD9	0.121056	0.141255	1.53072	1.53072	0.165659	1.48864	1.48864	0.565704	1.16911	1.16911	0.452788	1.22853	1.22853	0.204219	1.43412	1.43412	0.217038	1.41837	1.41837	0.0195017	0.467788	-2.13772	0.271079	0.734671	-1.36115	0.622531	1.14284	1.14284	2.35432	2.70007	1.01943	1
cg18502522	SCAMP2;SCAMP2	0.121056	0.0966931	0.75281	-1.32836	0.468606	1.12167	1.12167	0.0395854	1.44861	1.44861	0.0719663	0.731429	-1.36719	0.228225	0.821251	-1.21765	0.752845	0.952002	-1.05042	?	?	?	0.22783	0.8211	-1.21788	0.809663	0.963124	-1.03829	2.37706	0.811347	0.341325	1
ch.7.3114411F	ZNF398;ZNF398	0.121056	0.0871722	0.783454	-1.2764	0.0273755	0.713736	-1.40108	0.0108004	0.661177	-1.51245	0.334504	0.879319	-1.13724	0.546671	0.924209	-1.08201	0.111572	0.799372	-1.25098	0.314143	0.874149	-1.14397	0.387853	0.891937	-1.12116	0.81563	1.03064	1.03064	2.35432	0.622531	0.23504	1
cg06107216	NCRNA00114;NCRNA00114;NCRNA00114	0.121057	0.040231	0.225336	-4.43782	0.0910788	0.310302	-3.22266	0.586765	0.708177	-1.41208	0.36949	0.560187	-1.78512	0.0389168	0.22243	-4.49579	0.31249	0.518459	-1.92879	0.0178615	0.163632	-6.11128	0.979634	0.984079	-1.01618	0.101097	0.323396	-3.09219	2.35431	14.7402	5.56528	1
cg14121785	CXXC5	0.121057	0.850722	1.11119	1.11119	0.0557918	3.36258	3.36258	0.121285	2.56029	2.56029	0.582521	1.36436	1.36436	0.0145854	0.185734	-5.38405	0.531079	1.42628	1.42628	0.972829	0.98112	-1.01924	0.284233	1.86368	1.86368	0.87745	1.09019	1.09019	2.35431	11.6776	4.40897	1
cg25959799	GABRB3;GABRB3	0.121058	0.459809	0.882791	-1.13277	0.427141	0.874321	-1.14374	0.058918	0.702329	-1.42383	0.0251117	1.55474	1.55474	0.959069	0.991535	-1.00854	0.380208	0.861476	-1.1608	0.228928	1.23263	1.23263	0.125948	0.760115	-1.31559	0.533883	0.900895	-1.11001	2.35431	1.02316	0.386302	1
cg22813744	KCTD21;USP35	0.121058	0.429648	1.14021	1.14021	0.354425	0.856372	-1.16772	0.0142294	1.63583	1.63583	0.405567	0.870673	-1.14854	0.900709	1.02052	1.02052	0.229376	0.814427	-1.22786	0.261755	1.20981	1.20981	0.274291	1.20338	1.20338	0.083447	1.36594	1.36594	2.35431	0.987617	0.372883	1
cg01448525	DLG3;DLG3;DLG3	0.121059	0.319948	1.72665	1.72665	0.12014	0.408198	-2.44979	0.271833	0.544491	-1.83658	0.140097	0.430146	-2.32479	0.0467425	0.298182	-3.35365	0.0702728	2.93103	2.93103	0.979288	1.01389	1.01389	0.300065	1.76955	1.76955	0.819046	1.12951	1.12951	2.3543	10.5312	3.97615	1
cg00211174	MCM2	0.121059	0.364373	0.446628	-2.239	0.224938	0.33214	-3.01078	0.803489	0.806056	-1.24061	0.976467	1.02584	1.02584	0.00305764	0.0299615	-33.3762	0.461527	0.522976	-1.91213	0.089121	0.197648	-5.0595	0.613583	0.643828	-1.55321	0.520728	0.569533	-1.75583	2.3543	27.8828	10.5274	1
cg15825186	DGKZ;DGKZ	0.121061	0.978064	0.994147	-1.00589	0.233317	1.30576	1.30576	0.155508	1.38329	1.38329	0.0425516	1.64633	1.64633	0.619634	0.898681	-1.11274	0.0551826	1.59057	1.59057	0.0731026	0.65264	-1.53224	0.776431	1.06267	1.06267	0.462749	0.8525	-1.17302	2.35428	1.69946	0.641654	1
cg05122916	USP6NL;USP6NL	0.121063	0.537267	0.871366	-1.14757	0.913285	1.02429	1.02429	0.933084	0.981666	-1.01868	0.0419028	1.6764	1.6764	0.482139	0.854354	-1.17047	0.70058	0.918386	-1.08887	0.0176557	1.88887	1.88887	0.118247	1.45313	1.45313	0.309143	0.793012	-1.26101	2.35426	1.81027	0.683496	1
cg24927800	DES	0.121064	0.0867752	12.7366	12.7366	0.121705	9.55235	9.55235	0.504877	2.48484	2.48484	0.169397	7.16469	7.16469	0.26716	4.73516	4.73516	0.109128	10.4868	10.4868	0.103592	10.9622	10.9622	0.0142301	58.4225	58.4225	0.0319468	29.4043	29.4043	2.35425	67.4676	25.4735	1
cg07717704	HPSE2;HPSE2;HPSE2;HPSE2	0.121065	0.28691	0.546136	-1.83105	0.00844143	0.158851	-6.2952	0.0311557	0.250701	-3.98882	0.435319	0.647015	-1.54556	0.550681	0.718738	-1.39133	0.127566	0.406053	-2.46273	0.116343	0.393202	-2.54322	0.239933	0.510132	-1.96028	0.894773	1.07507	1.07507	2.35425	11.1567	4.21242	1
cg27340723	ADCY9	0.121066	0.885608	1.04422	1.04422	0.0772157	1.80507	1.80507	0.921997	0.970987	-1.02988	0.327194	0.737818	-1.35535	0.046499	0.503868	-1.98465	0.458079	0.796807	-1.25501	0.0519828	1.94378	1.94378	0.219359	1.47445	1.47445	0.414226	0.778096	-1.28519	2.35423	3.36947	1.27221	1
cg10357682	C20orf27	0.121068	0.836181	0.918211	-1.08907	0.250885	0.609933	-1.63953	0.240871	0.602914	-1.65861	0.13637	0.516159	-1.93739	0.0263362	0.337707	-2.96115	0.0155422	0.294368	-3.39711	0.0438053	0.384843	-2.59846	0.479024	0.743366	-1.34523	0.169312	0.546945	-1.82834	2.35422	6.33216	2.39085	1
cg05267118	CDKN1C;CDKN1C;CDKN1C	0.121068	0.636862	0.901444	-1.10933	0.0827418	1.52079	1.52079	0.555086	1.13911	1.13911	0.0810228	1.52516	1.52516	0.244272	0.7666	-1.30446	0.600028	1.12237	1.12237	0.0312141	0.576032	-1.73602	0.278576	0.782062	-1.27867	0.495485	1.16301	1.16301	2.35422	1.77506	0.670214	1
cg24210280	ABR;ABR;ABR	0.121068	0.0773739	3.4802	3.4802	0.288094	2.01482	2.01482	0.431145	0.600279	-1.66589	0.139972	2.74193	2.74193	0.073494	0.281536	-3.55194	0.133172	2.79833	2.79833	0.487663	0.638984	-1.56498	0.267531	0.480151	-2.08268	0.213911	2.29613	2.29613	2.35422	15.043	5.67982	1
cg24550302	RING1;RING1	0.121071	?	?	?	0.76568	0.87446	-1.14356	0.140733	2.03639	2.03639	?	?	?	0.127677	0.477462	-2.09441	0.592162	1.2747	1.2747	0.110022	2.18548	2.18548	?	?	?	0.0811065	0.419787	-2.38216	2.44034	5.19074	2.83608	1
cg16792302	MAP1D	0.121071	0.184088	2.80723	2.80723	0.04505	5.39092	5.39092	0.240435	2.46044	2.46044	0.631704	1.42444	1.42444	0.187395	2.78304	2.78304	0.11404	3.52316	3.52316	0.0104834	10.5891	10.5891	0.0629813	4.62855	4.62855	0.941801	1.05494	1.05494	2.35419	20.0084	7.5547	1
cg12954619	GANAB;GANAB;INTS5	0.121073	0.114789	0.511433	-1.95529	0.352476	0.690132	-1.449	0.915336	1.0419	1.0419	0.15544	1.80908	1.80908	0.0298543	0.363429	-2.75157	0.112206	0.508482	-1.96664	0.050873	0.416357	-2.40179	0.290871	0.653498	-1.53023	0.17624	0.571112	-1.75097	2.49061	5.75139	1.79607	1
cg16296880	RFC1	0.121073	0.47686	0.849453	-1.17723	0.634903	1.11394	1.11394	0.329334	0.796848	-1.25494	0.70485	0.917738	-1.08964	0.00604572	2.2454	2.2454	0.135335	1.4378	1.4378	0.362067	0.809508	-1.23532	0.636219	1.11347	1.11347	0.756075	1.07282	1.07282	2.35417	1.89725	0.716366	1
cg05721839	C10orf93	0.121083	0.0352895	0.223802	-4.46823	0.0355932	0.224532	-4.4537	0.181636	0.420707	-2.37695	0.0780197	0.302489	-3.3059	0.0428371	0.24089	-4.15127	0.0592042	0.272341	-3.67187	0.583429	0.713074	-1.40238	0.343567	0.551127	-1.81446	0.105753	0.339946	-2.94165	2.35409	13.9017	5.24919	1
cg04577162	RFC2;RFC2	0.121083	0.0336084	0.184281	-5.42649	0.0893912	0.279073	-3.5833	0.273027	0.459613	-2.17574	0.153087	0.352537	-2.83658	0.0140016	0.126476	-7.90662	0.119202	0.315916	-3.1654	0.20442	0.401489	-2.49073	0.29215	0.474839	-2.10598	0.0680399	0.24844	-4.02512	2.35408	17.3127	6.53716	1
cg12626377	RBM39;RBM39	0.121084	0.0681577	1.50701	1.50701	0.175521	0.748819	-1.33544	0.0422352	0.6251	-1.59974	0.54644	1.13038	1.13038	0.145847	0.730858	-1.36825	0.943995	0.985992	-1.01421	0.0561041	0.64763	-1.54409	0.859149	0.964961	-1.03631	0.878919	1.03108	1.03108	2.35408	1.50328	0.567633	1
cg05972000	MYBL1;MYBL1	0.121084	0.00660069	0.407325	-2.45504	0.297036	0.759325	-1.31696	0.820547	1.05957	1.05957	0.534904	0.852113	-1.17355	0.200836	0.708887	-1.41066	0.596697	1.14568	1.14568	0.158486	0.681209	-1.46798	0.0537715	0.572535	-1.74662	0.497756	0.839208	-1.1916	2.35408	2.41789	0.912985	1
cg23900681	ATG2B	0.121084	0.139075	0.212088	-4.71503	0.2114	0.277375	-3.60523	0.0716367	0.140976	-7.09342	0.389015	0.423229	-2.36279	0.0285082	0.0806639	-12.3971	0.165795	0.237032	-4.21885	0.0107589	0.0441044	-22.6735	0.52364	0.532847	-1.87671	0.832862	0.81397	-1.22855	2.35408	35.3701	13.3556	1
cg12838546	COASY;COASY;COASY;COASY;COASY	0.121086	0.631261	1.08506	1.08506	0.0244039	1.57267	1.57267	0.0195657	1.61006	1.61006	0.760604	1.05294	1.05294	0.671363	0.930488	-1.07471	0.0469485	1.46803	1.46803	0.930464	0.985374	-1.01484	0.209103	1.25046	1.25046	0.22581	1.23952	1.23952	2.35406	1.06254	0.401215	1
cg19490899	GSTA4	0.121093	0.551637	1.32591	1.32591	0.0498343	2.85149	2.85149	0.159164	2.02337	2.02337	0.240896	1.77723	1.77723	0.522843	0.738358	-1.35436	0.205152	1.87037	1.87037	0.0123606	4.30091	4.30091	0.0645646	2.64447	2.64447	0.247705	1.76132	1.76132	2.354	8.17921	3.08854	1
cg01780990	ECE1;ECE1;ECE1;ECE1	0.121093	0.0554666	0.35947	-2.78187	0.0406074	0.328112	-3.04774	0.0467632	0.341953	-2.92438	0.0973988	0.424278	-2.35695	0.0784306	0.397948	-2.51289	0.0759455	0.394192	-2.53683	0.124289	0.456366	-2.19122	0.10796	0.437489	-2.28577	0.114532	0.445291	-2.24572	2.354	8.28294	3.12771	1
cg04335339	ATRNL1	0.121093	0.867384	1.03805	1.03805	0.0628847	0.62654	-1.59607	0.812876	0.948397	-1.05441	0.125827	1.44786	1.44786	0.0854441	1.52927	1.52927	0.122123	0.687734	-1.45405	?	?	?	0.291549	1.27701	1.27701	0.243006	1.31386	1.31386	2.37672	1.67027	0.702762	1
cg19678561	NRF1	0.121101	0.799319	0.965275	-1.03597	0.249548	0.846242	-1.1817	0.071358	0.756247	-1.32232	0.218825	1.19652	1.19652	0.53113	1.092	1.092	0.117445	1.26605	1.26605	0.229612	0.839557	-1.1911	0.129381	1.25523	1.25523	0.0928994	1.29237	1.29237	2.35393	0.717517	0.270948	1
cg14605396	TLR4;TLR4;TLR4	0.121102	0.0299126	0.230261	-4.3429	0.65756	0.773784	-1.29235	0.479909	0.661772	-1.5111	0.0383927	0.251788	-3.9716	0.0281637	0.225332	-4.43791	0.1922	0.452242	-2.2112	0.179631	0.44073	-2.26896	0.409272	0.615608	-1.62441	0.0405911	0.256848	-3.89336	2.35392	12.3199	4.65227	1
cg20065520	DIO3OS	0.121102	0.340762	0.702051	-1.4244	0.044207	2.30001	2.30001	0.56569	0.81121	-1.23273	0.403621	1.36063	1.36063	0.502037	0.782316	-1.27826	0.133537	1.79162	1.79162	0.0418457	2.32844	2.32844	0.171292	0.591644	-1.6902	0.591285	0.822569	-1.2157	2.35392	4.84047	1.82786	1
cg07048210	C1orf86	0.121106	0.909214	1.02296	1.02296	0.0781629	0.677463	-1.47609	0.00821534	0.510282	-1.9597	0.985144	0.996302	-1.00371	0.747031	0.937633	-1.06651	0.235376	1.28076	1.28076	0.239385	1.27781	1.27781	0.711318	0.928704	-1.07677	0.69782	0.925303	-1.08073	2.35388	1.47597	0.557366	1
cg01042287	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.121108	0.145219	0.678217	-1.47445	0.880652	1.038	1.038	0.525552	0.852418	-1.17313	0.656955	0.894979	-1.11734	0.00784319	0.428722	-2.33252	0.0195044	0.496184	-2.01538	0.777718	0.932158	-1.07278	0.421921	0.815756	-1.22586	0.335411	0.78147	-1.27964	2.35387	2.29713	0.867463	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13064046	SCAMP5	0.121108	0.474567	1.1602	1.1602	0.0728149	1.5052	1.5052	0.700229	1.08226	1.08226	0.125989	1.40255	1.40255	0.0187773	0.558897	-1.78924	0.204031	1.31509	1.31509	0.929773	1.01817	1.01817	0.763607	0.940229	-1.06357	0.397865	0.837881	-1.19349	2.35387	1.55651	0.587783	1
cg06942904	IRF1	0.121111	0.567072	1.07479	1.07479	0.811697	0.970685	-1.0302	0.574873	1.0732	1.0732	0.53729	0.925081	-1.08099	0.282606	1.14934	1.14934	0.256044	1.15929	1.15929	0.0180596	0.69905	-1.43051	0.0699908	0.776807	-1.28732	0.197745	1.18497	1.18497	2.35384	0.579369	0.218789	1
cg07170686	KLHDC4	0.121112	0.279194	1.825	1.825	0.558971	1.37161	1.37161	0.770576	1.16924	1.16924	0.0761161	2.87282	2.87282	0.192861	2.08941	2.08941	0.159116	2.23592	2.23592	0.0125416	5.26118	5.26118	0.0480224	3.34845	3.34845	0.0491495	3.32275	3.32275	2.35383	10.6585	4.02503	1
cg01432878	NOB1	0.121113	0.00679871	0.65741	-1.52112	0.647557	0.946437	-1.05659	0.152689	0.832607	-1.20105	0.0714914	0.786058	-1.27217	0.122773	0.81874	-1.22139	0.436937	0.909512	-1.09949	0.956589	0.993511	-1.00653	0.0690915	0.78406	-1.27541	0.470318	0.915905	-1.09182	2.35382	0.53326	0.201378	1
cg19282782	IL27RA;RLN3	0.121113	0.259399	0.470221	-2.12666	0.270598	0.479205	-2.08679	0.0244571	0.179218	-5.57979	0.443722	1.65003	1.65003	0.349196	0.538997	-1.8553	0.897752	1.08594	1.08594	0.19287	0.413214	-2.42005	0.0599784	0.25643	-3.89969	0.0254311	0.182056	-5.49282	2.35382	15.3326	5.79013	1
cg26265787	TYK2	0.121114	0.203745	0.550689	-1.81591	0.234425	1.74077	1.74077	0.739694	0.862175	-1.15986	0.120144	2.1166	2.1166	0.315005	0.62997	-1.58738	0.821647	0.90446	-1.10563	0.0213848	0.292363	-3.4204	0.117224	2.13141	2.13141	0.945491	0.970048	-1.03088	2.35381	7.37367	2.78458	1
cg22706458	UMODL1;UMODL1;C21orf128	0.121116	0.84348	0.96224	-1.03924	0.309526	1.22724	1.22724	0.254678	0.793279	-1.26059	0.0372749	0.624548	-1.60116	0.0918934	0.696762	-1.43521	0.171336	0.753079	-1.32788	0.0531732	1.53382	1.53382	0.695612	0.926296	-1.07957	0.941993	0.98593	-1.01427	2.3538	1.41339	0.533754	1
cg24547992	TMEM223	0.121117	0.0218879	0.509815	-1.96149	0.855323	1.04572	1.04572	0.436194	0.823185	-1.21479	0.976961	0.992952	-1.0071	0.0432894	0.565873	-1.76718	0.497783	0.844849	-1.18364	0.131015	0.670728	-1.49092	0.259644	1.3338	1.3338	0.0684481	0.606745	-1.64814	2.35379	2.23665	0.844651	1
cg06417831	MAD2L1BP;GTPBP2	0.121123	0.0198765	0.448147	-2.23141	0.617237	0.866012	-1.15472	0.599643	1.16326	1.16326	0.735776	1.10153	1.10153	0.141718	1.57003	1.57003	0.0970408	1.68201	1.68201	?	?	?	0.24571	0.707063	-1.4143	0.606676	0.862203	-1.15982	2.37645	2.72709	1.14755	1
cg19641315	P2RY6;P2RY6;P2RY6	0.121126	0.151773	0.732807	-1.36462	0.332945	1.22408	1.22408	0.578279	1.1204	1.1204	0.142834	0.726997	-1.37552	0.0315056	0.600131	-1.6663	0.722	0.930232	-1.075	0.672661	1.08984	1.08984	0.0293319	0.594735	-1.68142	0.176679	0.747705	-1.33743	2.35371	1.52774	0.576958	1
cg12508078	MYO18A;MYO18A	0.121126	0.646331	0.777704	-1.28584	0.0272752	4.14323	4.14323	0.0214037	4.50106	4.50106	0.497739	1.45438	1.45438	0.172616	0.453919	-2.20303	0.800942	1.14737	1.14737	0.937387	0.958151	-1.04368	0.130911	2.42912	2.42912	0.669027	1.26365	1.26365	2.35371	11.0377	4.16842	1
cg14733855	GADD45B	0.121126	0.314689	0.709772	-1.4089	0.0551969	2.04765	2.04765	0.70782	1.13217	1.13217	0.129627	0.582826	-1.71578	0.818117	0.926862	-1.07891	0.452676	1.28692	1.28692	0.0355945	0.446393	-2.24018	0.137826	0.590449	-1.69363	0.459362	1.28197	1.28197	2.35371	4.05254	1.53046	1
cg01611134	SENP1;SENP1;PFKM	0.121128	0.0545381	0.665247	-1.5032	0.304212	0.819673	-1.22	0.203978	1.28471	1.28471	0.378263	0.844562	-1.18405	0.750902	0.94222	-1.06132	0.0367571	0.635464	-1.57365	0.185207	1.30026	1.30026	0.135493	0.740321	-1.35077	0.563198	1.11541	1.11541	2.35369	1.30181	0.491637	1
cg03389792	PTPN18;PTPN18	0.121129	0.346719	1.16409	1.16409	0.962031	0.992563	-1.00749	0.574753	0.914945	-1.09296	0.946456	0.989524	-1.01059	0.886626	1.02262	1.02262	0.0590159	1.397	1.397	0.008943	0.593666	-1.68445	0.968288	0.993786	-1.00625	0.287563	0.841015	-1.18904	2.35368	0.916588	0.346157	1
cg09432234	CACNB3	0.121131	0.152489	0.494064	-2.02403	0.168396	1.9646	1.9646	0.098556	2.30121	2.30121	0.232096	1.77994	1.77994	0.270515	0.589883	-1.69525	0.190345	1.8928	1.8928	0.0737754	0.399725	-2.50172	0.362466	0.650095	-1.53824	0.497574	0.728453	-1.37277	2.35367	7.89038	2.97989	1
cg15364335	SELK	0.121137	0.00239925	0.404839	-2.47012	0.635608	1.10743	1.10743	0.842404	0.958337	-1.04347	0.682507	0.915832	-1.0919	0.809785	1.0529	1.0529	0.800142	1.05573	1.05573	0.90255	1.02653	1.02653	0.823368	0.95333	-1.04895	0.728423	1.07737	1.07737	2.35361	1.70358	0.643392	1
cg15984718	UNC5C	0.121138	0.85156	0.955598	-1.04647	0.476641	0.839074	-1.19179	0.424555	1.21862	1.21862	0.870132	0.961106	-1.04047	0.0576417	1.68282	1.68282	0.360469	1.256	1.256	0.0112639	0.46315	-2.15913	0.845812	0.953894	-1.04833	0.318488	1.28399	1.28399	2.35361	2.19114	0.82753	1
cg02317738	C5orf49	0.121138	0.309907	1.23045	1.23045	0.044167	0.633615	-1.57825	0.146555	0.735249	-1.36008	0.510062	0.876449	-1.14097	0.317319	1.22631	1.22631	0.20471	1.30228	1.30228	0.0725095	1.48511	1.48511	0.2553	0.791051	-1.26414	0.562614	0.890896	-1.12247	2.3536	1.45194	0.548356	1
cg27551910	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.121142	0.355166	1.37813	1.37813	0.209868	1.56145	1.56145	0.0893019	1.88093	1.88093	0.463903	1.2858	1.2858	0.777358	1.10031	1.10031	0.707403	1.13558	1.13558	0.991713	0.996504	-1.00351	0.00337359	3.83608	3.83608	0.242819	1.51006	1.51006	2.35357	4.23835	1.60072	1
cg24062310	RAB4B	0.121143	0.271172	1.5114	1.5114	0.99086	0.995878	-1.00414	0.855386	0.936339	-1.06799	0.0417263	0.428974	-2.33114	0.71053	0.874227	-1.14387	0.0252369	0.383116	-2.61018	0.298649	1.47464	1.47464	0.151838	1.73945	1.73945	0.41059	0.738311	-1.35444	2.35356	4.8457	1.83012	1
cg11483887	IDH3A	0.121145	0.61732	0.906082	-1.10365	0.211302	1.29412	1.29412	0.993207	0.998335	-1.00167	0.118165	1.39397	1.39397	0.0323133	1.6335	1.6335	0.0477456	0.641979	-1.55768	0.271706	0.799303	-1.25109	0.558249	0.890549	-1.1229	0.799836	1.051	1.051	2.35354	1.42881	0.539636	1
cg07171609	TMEM64;TMEM64	0.121148	0.0435183	0.352803	-2.83444	0.809574	0.89731	-1.11444	0.0558564	0.37822	-2.64397	0.487968	0.72888	-1.37197	0.815661	0.900492	-1.1105	0.593057	1.27393	1.27393	0.795658	0.890048	-1.12354	0.0242151	3.33992	3.33992	0.910696	1.05165	1.05165	2.35351	7.50869	2.83593	1
cg22716599	DNM3;DNM3	0.121151	0.0459764	0.170854	-5.85296	0.512972	1.66959	1.66959	0.18281	2.9806	2.9806	0.198706	0.350192	-2.85557	0.0763571	0.218015	-4.58683	0.297395	0.434058	-2.30384	0.99183	0.992121	-1.00794	0.903554	0.910601	-1.09818	0.0326956	0.145046	-6.89435	2.35349	22.2466	8.40231	1
cg11851894	DCDC1;DNAJC24	0.121157	0.554435	0.84584	-1.18226	0.997247	0.999035	-1.00097	0.261231	0.720313	-1.38829	0.0260024	0.477195	-2.09558	0.329191	0.754297	-1.32574	0.00824818	0.388281	-2.57546	0.84709	0.947379	-1.05554	0.56155	1.17864	1.17864	0.232325	0.704182	-1.42009	2.35344	2.92227	1.10373	1
cg05897638	PROS1	0.121159	0.993132	0.997826	-1.00218	0.664513	0.895548	-1.11663	0.0913986	0.625008	-1.59998	0.987521	0.996054	-1.00396	0.0258628	0.512259	-1.95214	0.0414665	1.81204	1.81204	0.376226	0.794866	-1.25807	0.305327	1.30781	1.30781	0.602133	0.875481	-1.14223	2.35342	2.38243	0.899844	1
cg20407365	SART3	0.121162	0.0557445	0.205329	-4.87023	0.748221	0.790394	-1.26519	0.673636	1.3626	1.3626	0.225928	0.395042	-2.53138	0.133797	0.306949	-3.25787	0.45197	0.571386	-1.75013	0.00983061	0.0922267	-10.8429	0.130148	0.302995	-3.30039	0.0926763	0.258874	-3.86288	2.35339	19.8838	7.51022	1
cg02560273	FLJ44635	0.121163	0.498472	1.40874	1.40874	0.871551	1.08404	1.08404	0.159378	0.472391	-2.11689	0.0565809	0.340838	-2.93394	0.0144628	0.222488	-4.49463	0.237369	1.85397	1.85397	0.423293	1.5036	1.5036	0.613077	0.775454	-1.28957	0.928928	0.956486	-1.04549	2.35338	9.26997	3.50133	1
cg26553763	DNMT3B;DNMT3B;DNMT3B	0.121163	0.0198597	0.594657	-1.68164	0.62469	1.09542	1.09542	0.0292991	0.622121	-1.6074	0.181361	0.769287	-1.29991	0.938523	1.01436	1.01436	0.0988251	0.715662	-1.39731	0.449189	1.15322	1.15322	0.714608	0.934364	-1.07025	0.241595	0.797254	-1.25431	2.35338	1.27362	0.481056	1
cg24871714	ZNF529;ZNF529;ZNF529;ZNF382	0.121169	0.647085	1.13109	1.13109	0.0329924	1.94706	1.94706	0.207054	1.42699	1.42699	0.536824	1.1819	1.1819	0.918993	1.02756	1.02756	0.903975	0.968263	-1.03278	0.0206816	0.474953	-2.10547	0.248916	0.724662	-1.37995	0.758712	0.920965	-1.08582	2.35333	2.66153	1.0053	1
cg08941122	HNRNPH1	0.12117	0.733352	1.13056	1.13056	0.0187465	2.7791	2.7791	0.0720428	2.05557	2.05557	0.951458	1.02209	1.02209	0.974214	0.988468	-1.01167	0.117151	0.542929	-1.84186	0.440265	0.753945	-1.32636	0.203272	0.617589	-1.6192	0.45501	1.31399	1.31399	2.35332	4.79966	1.81291	1
cg16102778	TRIM26	0.121177	0.491885	1.29562	1.29562	0.0701501	2.11933	2.11933	0.626364	0.833581	-1.19964	0.354151	1.42428	1.42428	0.991746	1.00385	1.00385	0.626344	0.833572	-1.19966	0.228295	1.5986	1.5986	0.00504224	3.95899	3.95899	0.510998	1.28061	1.28061	2.35327	5.12991	1.9377	1
cg21932466	ASRGL1;ASRGL1	0.121177	0.811514	0.964678	-1.03662	0.260078	0.837922	-1.19343	0.0418961	0.702603	-1.42328	0.361	1.15183	1.15183	0.0155071	0.639604	-1.56347	0.234682	1.20623	1.20623	0.737214	0.950571	-1.052	0.669669	1.06673	1.06673	0.600153	1.08287	1.08287	2.35326	0.844474	0.31898	1
cg07244043	C3orf17;C3orf17;C3orf17	0.121178	0.787808	1.05566	1.05566	0.5937	1.11417	1.11417	0.00648551	0.491408	-2.03497	0.605947	0.900793	-1.11013	0.302959	0.807157	-1.23892	0.777258	0.944646	-1.0586	0.0845107	1.46685	1.46685	0.609251	0.90167	-1.10905	0.500804	0.871797	-1.14706	2.35325	1.50244	0.567512	1
cg20778468	OAZ3;MRPL9	0.121179	0.381515	0.636429	-1.57127	0.930772	1.04472	1.04472	0.674833	1.23668	1.23668	0.950378	1.03183	1.03183	0.00702361	0.172953	-5.7819	0.22708	0.528105	-1.89356	0.0312318	0.280104	-3.57011	0.911673	1.05746	1.05746	0.494535	0.705222	-1.41799	2.35324	9.4471	3.56844	1
cg21988119	JAK3	0.121179	0.203481	0.574285	-1.74129	0.177573	1.8077	1.8077	0.815931	1.10114	1.10114	0.589432	1.25248	1.25248	0.226106	0.591438	-1.6908	0.0475615	2.55066	2.55066	0.0265377	2.96385	2.96385	0.18592	1.78515	1.78515	0.494942	1.33156	1.33156	2.35324	6.36321	2.40357	1
cg00872371	RALBP1	0.121181	0.127077	0.795621	-1.25688	0.991071	1.00155	1.00155	0.577245	1.08115	1.08115	0.448195	0.898439	-1.11304	0.982841	0.997025	-1.00298	0.981103	0.996724	-1.00329	0.425723	0.893419	-1.1193	0.979555	1.00356	1.00356	0.00513591	1.66888	1.66888	2.35323	0.715504	0.270269	1
cg10470873	KIF18A;KIF18A;METT5D1;METT5D1	0.121182	0.0555115	0.802241	-1.24651	0.547402	0.940052	-1.06377	0.844906	1.02009	1.02009	0.483501	1.07498	1.07498	0.0573569	1.24394	1.24394	0.615042	0.949818	-1.05283	0.0430241	0.789454	-1.2667	0.505159	0.933646	-1.07107	0.212069	1.14278	1.14278	2.35321	0.384234	0.145138	1
cg20748194	MGC70857	0.121183	0.558816	1.51881	1.51881	0.121747	3.27351	3.27351	0.0569222	4.58643	4.58643	0.0824977	3.89465	3.89465	0.599031	1.4551	1.4551	0.00849234	10.7493	10.7493	0.948138	1.04706	1.04706	0.832563	1.16144	1.16144	0.102626	3.53444	3.53444	2.35321	18.6254	7.03544	1
cg20706496	FYN	0.121183	0.774148	0.939297	-1.06463	0.982372	0.995203	-1.00482	0.046722	0.609176	-1.64156	0.727638	0.926722	-1.07907	0.537931	0.873064	-1.14539	0.806848	0.948079	-1.05476	0.0173517	1.87882	1.87882	0.136685	0.70541	-1.41762	0.187706	0.737947	-1.35511	2.35321	1.76569	0.666961	1
cg06329574	FGF3	0.121183	0.742957	1.18251	1.18251	0.0443395	0.30832	-3.24339	0.0236803	0.252602	-3.95879	0.553501	1.35709	1.35709	0.889855	0.931844	-1.07314	0.681197	0.810226	-1.23422	0.393193	1.5614	1.5614	0.0768865	2.7243	2.7243	0.74796	1.1785	1.1785	2.35321	9.67226	3.65355	1
cg23132351	TAP1	0.121184	0.509383	0.853259	-1.17198	0.629277	1.12225	1.12225	0.00302994	0.381626	-2.62037	0.860951	0.959282	-1.04245	0.516218	0.855501	-1.16891	0.788518	0.938245	-1.06582	0.362716	1.24833	1.24833	0.885265	0.966346	-1.03483	0.33317	0.789241	-1.26704	2.3532	2.09513	0.791406	1
cg25605313	ANO8	0.121191	0.0798137	0.259532	-3.85309	0.228913	0.41639	-2.40159	0.0255703	0.158709	-6.30083	0.16176	0.354613	-2.81997	0.0532172	0.217839	-4.59056	0.24237	0.427847	-2.33729	0.0170178	0.132788	-7.53079	0.624478	0.710112	-1.40823	0.300303	0.474845	-2.10595	2.35314	17.9437	6.77816	1
cg14254748	L1TD1;L1TD1	0.121191	0.193075	2.64039	2.64039	0.149253	2.97466	2.97466	0.0581112	4.52538	4.52538	0.96718	1.02943	1.02943	0.860703	1.13181	1.13181	0.352915	0.509766	-1.96168	0.0445344	5.08446	5.08446	0.0336534	5.74871	5.74871	0.101439	3.54002	3.54002	2.35314	18.5187	6.99536	1
cg14042131	PTPRJ;PTPRJ	0.121198	0.5473	0.933141	-1.07165	0.884916	1.01659	1.01659	0.0216869	1.36777	1.36777	0.30969	0.887409	-1.12688	0.809616	1.0278	1.0278	0.39859	1.10318	1.10318	0.537097	0.93145	-1.0736	0.829613	1.02479	1.02479	0.015102	1.40393	1.40393	2.35308	0.481153	0.181758	1
cg11715092	C21orf57;C21orf57;MCM3AP	0.1212	0.0252321	0.448269	-2.2308	0.746599	0.90687	-1.10269	0.47994	0.805318	-1.24175	0.940364	0.977693	-1.02282	0.723153	0.898305	-1.11321	0.636614	1.15429	1.15429	0.016514	0.4135	-2.41838	0.14419	1.60485	1.60485	0.408299	0.774905	-1.29048	2.35306	3.38807	1.27987	1
cg02975187	FLJ41941	0.1212	0.258891	0.850089	-1.17635	0.51135	0.912247	-1.09619	0.606036	0.93078	-1.07437	0.265884	1.17334	1.17334	0.206191	1.20184	1.20184	0.283305	1.16615	1.16615	0.0160786	1.50107	1.50107	0.194276	0.827502	-1.20846	0.320737	0.868092	-1.15195	2.35306	0.708494	0.26764	1
cg21820923	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.121202	0.98471	1.0127	1.0127	0.034388	0.196964	-5.07708	0.947285	1.0445	1.0445	0.0536803	0.236326	-4.23145	0.966905	0.973053	-1.02769	0.726267	0.793406	-1.26039	0.142621	2.82238	2.82238	0.235734	2.26626	2.26626	0.118658	3.05037	3.05037	2.35304	16.1552	6.10281	1
cg21178548	SAMD14	0.121203	0.0356232	2.61242	2.61242	0.971153	1.0143	1.0143	0.436513	0.732223	-1.3657	0.114626	1.96152	1.96152	0.473043	0.750851	-1.33182	0.0122689	3.40343	3.40343	0.394262	1.40862	1.40862	0.638504	1.20417	1.20417	0.466292	1.33789	1.33789	2.35303	5.74521	2.17033	1
cg06284901	ATXN1L;ATXN1L	0.121206	0.120995	0.690299	-1.44865	0.313039	0.794523	-1.25862	0.739128	1.07645	1.07645	0.0347429	0.581278	-1.72035	0.628324	0.898055	-1.11352	0.0494537	0.61008	-1.63913	0.065558	0.634099	-1.57704	0.0456111	0.603364	-1.65737	0.0819818	0.653902	-1.52928	2.35301	1.81065	0.684004	1
cg25450837	PPFIA3	0.121208	0.0294932	0.534086	-1.87236	0.105729	0.648971	-1.5409	0.0468171	0.573012	-1.74516	0.612814	1.13299	1.13299	0.692318	0.907272	-1.1022	0.981864	1.00558	1.00558	0.0654575	0.602965	-1.65847	0.352423	1.2638	1.2638	0.636703	1.12345	1.12345	2.35299	2.2309	0.842767	1
cg04353359	HCCA2;FAM99A	0.121214	0.300168	0.785986	-1.27229	0.207945	1.34689	1.34689	0.0306858	0.565856	-1.76723	0.0555307	0.61465	-1.62694	0.0404723	0.588156	-1.70023	0.454697	0.842988	-1.18626	0.298661	0.785352	-1.27331	0.581164	1.13313	1.13313	0.799388	0.944481	-1.05878	2.35294	1.87477	0.708246	1
cg16424196	FAM150A	0.121215	0.252568	0.57369	-1.7431	0.144519	2.07249	2.07249	0.0910871	0.420905	-2.37583	0.134367	0.47209	-2.11824	0.156155	0.493917	-2.02463	0.249231	0.571241	-1.75058	0.0438111	0.340494	-2.93691	0.509069	1.36539	1.36539	0.10577	0.439758	-2.27398	2.35293	8.0562	3.04347	1
cg22853325	DOK7;DOK7	0.121215	0.0902796	0.344027	-2.90675	0.210175	0.470093	-2.12724	0.543219	0.703455	-1.42156	0.626806	0.755719	-1.32324	0.0658399	0.307335	-3.25378	0.0980116	0.354348	-2.82208	0.0180608	0.193666	-5.16354	0.0252448	0.218512	-4.57642	0.219452	0.478	-2.09205	2.35293	12.1759	4.5998	1
cg23093496	C16orf54;C16orf54	0.121216	0.439262	0.806867	-1.23936	0.884268	0.961152	-1.04042	0.161897	0.666109	-1.50126	0.234594	0.712528	-1.40345	0.0684469	0.57412	-1.7418	0.371153	1.28378	1.28378	0.0201855	2.14282	2.14282	0.921979	1.02701	1.02701	0.31146	0.752115	-1.32958	2.35292	2.7578	1.04184	1
cg01805540	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.121217	0.00733256	0.455206	-2.19681	0.716111	0.92021	-1.08671	0.52167	0.862542	-1.15936	0.410102	0.825479	-1.21142	0.283191	0.775792	-1.28901	0.861021	1.0407	1.0407	0.0917525	1.52608	1.52608	0.826359	0.951208	-1.05129	0.4092	1.21189	1.21189	2.35291	1.93173	0.729774	1
cg17074542	AP3B2	0.121218	0.364253	0.816082	-1.22537	0.702965	1.0871	1.0871	0.733844	1.07723	1.07723	0.516019	1.15438	1.15438	0.328543	0.802651	-1.24587	0.480054	0.855135	-1.16941	0.00341429	0.420079	-2.38051	0.898688	0.972615	-1.02816	0.267771	0.777517	-1.28615	2.3529	1.77081	0.668983	1
cg02326534	MAP3K8	0.121221	0.132924	0.572911	-1.74547	0.541844	0.80883	-1.23635	0.803373	0.917857	-1.08949	0.493373	0.787419	-1.26997	0.95021	1.02169	1.02169	0.654117	1.1676	1.1676	0.0130941	2.87867	2.87867	0.4258	0.756229	-1.32235	0.0685586	2.01476	2.01476	2.35287	4.39889	1.66185	1
cg18624636	SLC16A12	0.121225	0.428543	0.856774	-1.16717	0.129657	0.731152	-1.36771	0.877648	1.0299	1.0299	0.38677	1.18493	1.18493	0.144573	1.34949	1.34949	0.569091	1.11635	1.11635	0.0111872	0.544416	-1.83683	0.82798	1.0425	1.0425	0.354494	1.19984	1.19984	2.35284	1.36312	0.514978	1
cg19488206	STK25	0.121225	0.951006	0.978967	-1.02149	0.172493	0.605127	-1.65255	0.701181	0.875127	-1.14269	0.719332	0.882639	-1.13297	0.0192857	0.375624	-2.66224	0.0648899	0.488124	-2.04866	0.0463869	0.454146	-2.20193	0.156705	0.592116	-1.68886	0.0410858	0.442458	-2.2601	2.35284	4.45983	1.6849	1
cg10018845	FRRS1	0.121225	0.0569581	0.378179	-2.64425	0.478685	0.722449	-1.38418	0.256285	0.585731	-1.70727	0.0628037	0.38869	-2.57274	0.0270194	0.306706	-3.26045	0.0211046	0.285953	-3.49708	0.134926	0.483115	-2.0699	0.217076	0.556413	-1.79723	0.156613	0.504613	-1.98172	2.35284	7.59304	2.86861	1
cg04671526	RAB4B	0.121226	0.536689	0.884822	-1.13017	0.21676	0.775523	-1.28945	0.265726	1.25464	1.25464	0.307573	0.813355	-1.22948	0.0168774	0.565433	-1.76856	0.937174	0.984699	-1.01554	0.108745	1.40799	1.40799	0.690243	0.924638	-1.0815	0.10364	0.706018	-1.4164	2.35284	1.42564	0.5386	1
cg27264322	PRKCZ	0.121226	0.133191	0.441298	-2.26604	0.562387	0.743961	-1.34416	0.752767	0.85251	-1.17301	0.261247	0.55342	-1.80695	0.0285525	0.271257	-3.68654	0.155082	0.463773	-2.15623	0.0133762	0.212869	-4.69772	0.0468548	0.316949	-3.15508	0.319342	0.594719	-1.68147	2.35283	9.5021	3.58985	1
cg17294330	HRNBP3	0.121229	0.192705	0.613488	-1.63002	0.817469	0.921333	-1.08538	0.0969685	0.524333	-1.90719	0.53842	1.24702	1.24702	0.0324534	0.411754	-2.42863	0.961713	1.01716	1.01716	0.0373009	0.424599	-2.35517	0.3091	0.68863	-1.45216	0.0358864	0.420995	-2.37533	2.35281	4.68022	1.76818	1
cg02498722	FSCN1	0.12123	0.0633919	4.08266	4.08266	0.339534	1.94125	1.94125	0.272614	2.15856	2.15856	0.150802	2.8224	2.8224	0.827119	0.862959	-1.1588	0.469642	1.64165	1.64165	0.00778641	9.99816	9.99816	0.0590297	4.20646	4.20646	0.902813	1.0858	1.0858	2.3528	16.9205	6.39256	1
cg03054480	BMP4;BMP4;BMP4	0.12123	0.959784	1.01528	1.01528	0.0554437	0.520474	-1.92132	0.0232068	2.26205	2.26205	0.0606305	1.88947	1.88947	0.321247	1.36106	1.36106	0.821826	1.0702	1.0702	0.465056	1.25063	1.25063	0.24518	1.44146	1.44146	0.84591	0.943153	-1.06027	2.3528	3.37171	1.27384	1
cg23589592	TOP1MT	0.12123	0.0674024	0.703216	-1.42204	0.395826	0.861232	-1.16113	0.367573	0.852987	-1.17235	0.117401	0.746639	-1.33934	0.208321	0.79621	-1.25595	0.980347	1.00424	1.00424	0.260725	1.22327	1.22327	0.0319354	0.649295	-1.54013	0.0349685	0.655631	-1.52525	2.3528	1.09983	0.415516	1
cg04114315	CKAP5;CKAP5	0.121231	0.527058	0.893139	-1.11965	0.143193	0.757718	-1.31975	0.0162476	1.67919	1.67919	0.108947	1.36107	1.36107	0.969404	1.00679	1.00679	0.588085	1.10123	1.10123	0.197266	0.78634	-1.27171	0.752832	0.945814	-1.05729	0.251895	1.235	1.235	2.35279	1.15878	0.437789	1
cg05203877	SLC8A3;SLC8A3;SLC8A3;SLC8A3;SLC8A3;SLC8A3;SLC8A3;SLC8A3	0.121232	0.821995	0.963338	-1.03806	0.152999	1.28874	1.28874	0.434908	0.876295	-1.14117	0.235115	1.22908	1.22908	0.65718	0.928638	-1.07685	0.0359043	1.49866	1.49866	0.811536	1.04039	1.04039	0.0288705	0.652394	-1.53282	0.486277	0.889354	-1.12441	2.35278	1.02377	0.386782	1
cg11457534	IGSF9B	0.121232	0.0386851	0.445302	-2.24567	0.275207	0.681439	-1.46748	0.572432	0.824713	-1.21254	0.855325	1.06361	1.06361	0.48099	0.785037	-1.27383	0.107474	1.81042	1.81042	0.094625	0.537556	-1.86027	0.152651	1.67795	1.67795	0.253626	1.49602	1.49602	2.35278	4.25377	1.60709	1
cg13325218	BEND2	0.121232	0.149178	2.06608	2.06608	0.0375915	0.322496	-3.10081	0.258783	0.57537	-1.73801	0.934276	1.03945	1.03945	0.0548802	0.360087	-2.7771	0.179151	1.95319	1.95319	0.282346	1.68892	1.68892	0.569268	1.30976	1.30976	0.916673	0.952089	-1.05032	2.35278	8.20096	3.09835	1
cg23210478	EBF1	0.121233	0.228937	2.43332	2.43332	0.210456	2.53308	2.53308	0.140007	0.326823	-3.05976	0.681904	1.33677	1.33677	0.616643	0.700831	-1.42688	0.439256	1.74299	1.74299	0.283146	0.455929	-2.19332	0.0307856	5.96915	5.96915	0.0518279	4.75162	4.75162	2.35277	18.4845	6.98353	1
cg26254678	DAGLA	0.121235	0.846875	0.93814	-1.06594	0.0365622	0.448225	-2.23102	0.153886	0.603966	-1.65572	0.888544	1.04741	1.04741	0.0249354	0.414205	-2.41426	0.0523284	0.482441	-2.07279	0.677552	1.14811	1.14811	0.674432	0.869752	-1.14975	0.0793911	0.52562	-1.90252	2.35276	4.06515	1.53584	1
cg00327537	MOBKL1B	0.121235	0.0502199	0.628054	-1.59222	0.946214	0.986041	-1.01416	0.229988	0.769188	-1.30007	0.385724	0.830871	-1.20356	0.0380305	0.605857	-1.65055	0.508829	0.869668	-1.14986	0.011881	0.519817	-1.92375	0.57784	1.12428	1.12428	0.824291	0.954724	-1.04742	2.35276	1.61769	0.611177	1
cg12264934	OPCML;OPCML	0.121238	0.229026	2.45719	2.45719	0.0223606	7.02358	7.02358	0.0264598	6.51435	6.51435	0.333474	0.49141	-2.03496	0.300631	0.465861	-2.14656	0.47805	1.67147	1.67147	0.602514	1.45384	1.45384	0.233254	2.43492	2.43492	0.867262	0.887688	-1.12652	2.35273	18.9001	7.14069	1
cg19947357	SETD3	0.121241	0.918368	1.0371	1.0371	0.0211105	0.373256	-2.67913	0.0559911	0.46335	-2.1582	0.400981	0.736763	-1.35729	0.0534924	0.458705	-2.18005	0.164777	0.590583	-1.69324	0.308378	1.45449	1.45449	0.21911	0.631748	-1.58291	0.239838	0.64574	-1.54861	2.3527	4.70536	1.77776	1
cg01377503	IRF5;IRF5;IRF5;IRF5;IRF5	0.121241	0.516282	1.23223	1.23223	0.857847	1.05854	1.05854	0.898946	1.04114	1.04114	0.648819	1.15659	1.15659	0.173419	1.58343	1.58343	0.136386	1.66391	1.66391	0.00630416	3.09205	3.09205	0.099955	1.77175	1.77175	0.0576329	1.97621	1.97621	2.3527	3.75137	1.41733	1
cg14544666	RASGEF1C	0.121243	0.177904	3.39545	3.39545	0.0173662	11.8643	11.8643	0.0425194	7.34772	7.34772	0.299564	2.50426	2.50426	0.223762	2.97838	2.97838	0.123989	4.1471	4.1471	0.0266892	9.41391	9.41391	0.157916	3.62979	3.62979	0.212532	3.06837	3.06837	2.35268	27.1672	10.2643	1
cg18805457	TCERG1;TCERG1	0.121245	0.0878894	0.199089	-5.02289	0.0879236	0.19913	-5.02184	0.288765	0.389212	-2.5693	0.643173	0.670485	-1.49146	0.0511749	0.149145	-6.70487	0.108114	0.222656	-4.49123	0.0484377	0.144847	-6.90386	0.803235	0.80741	-1.23853	0.0183523	0.0861028	-11.614	2.35266	27.3589	10.3368	1
cg07572563	COX16;COX16	0.121248	0.185202	0.681345	-1.46769	0.00950008	2.45286	2.45286	0.590486	0.862128	-1.15992	?	?	?	0.262471	0.726835	-1.37583	0.294153	1.346	1.346	0.988195	1.00405	1.00405	0.513474	0.834468	-1.19837	0.815525	1.0659	1.0659	2.37533	2.49367	1.04982	1
cg07238832	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNFOS;	0.121249	0.764424	0.923501	-1.08284	0.100082	1.61143	1.61143	0.556174	0.854172	-1.17072	0.166274	0.676471	-1.47826	0.627338	1.13831	1.13831	0.055339	0.562616	-1.77741	0.138341	1.52577	1.52577	0.0575821	1.76583	1.76583	0.890026	0.964029	-1.03731	2.35263	2.61264	0.987125	1
cg00845901	TUBB8;TUBB8	0.12125	0.505645	0.732942	-1.36436	0.0110014	0.230518	-4.33806	0.115239	0.454863	-2.19846	0.858504	0.92119	-1.08555	0.012518	0.239556	-4.17438	0.311602	0.617827	-1.61858	0.382941	0.662603	-1.5092	0.60152	0.784761	-1.27427	0.402677	0.674378	-1.48285	2.35263	7.88454	2.97901	1
cg21871746	ZKSCAN1	0.12125	0.129847	0.433037	-2.30927	0.0732738	0.360011	-2.77769	0.779655	1.15426	1.15426	0.813459	1.12852	1.12852	0.447489	0.673015	-1.48585	0.175739	0.478839	-2.08838	0.0109961	0.195577	-5.11307	0.303728	1.72433	1.72433	0.298612	0.57634	-1.73509	2.35262	9.74791	3.68304	1
cg20349803	RALB	0.121252	0.105085	2.82293	2.82293	0.074187	3.20877	3.20877	0.310765	1.84883	1.84883	0.127533	2.62632	2.62632	0.0810706	3.10618	3.10618	0.183472	2.28639	2.28639	0.0122873	6.21727	6.21727	0.106012	2.81375	2.81375	0.0795897	3.12725	3.12725	2.3526	12.7941	4.83403	1
cg05506241	CSTF3;CSTF3;CSTF3	0.121254	0.0605804	0.750621	-1.33223	0.144385	1.23686	1.23686	0.363097	1.1351	1.1351	0.578888	1.07897	1.07897	0.382039	0.885551	-1.12924	0.104834	1.27164	1.27164	0.0746529	0.763978	-1.30894	0.179416	0.824204	-1.21329	0.980717	0.996729	-1.00328	2.35259	0.684865	0.258765	1
cg18384990	HCG27	0.121256	0.714081	0.79307	-1.26092	0.120798	2.88652	2.88652	0.944757	1.04463	1.04463	0.553846	0.685706	-1.45835	0.701153	0.784312	-1.275	0.794552	0.848384	-1.17871	0.76786	0.829862	-1.20502	0.0113808	7.35959	7.35959	0.0369426	4.60281	4.60281	2.35257	14.7907	5.58848	1
cg02717117	C2orf63;RPS27A;RPS27A;C2orf63	0.121259	0.347621	1.54308	1.54308	0.306824	1.60729	1.60729	0.961525	1.02187	1.02187	0.063578	0.392352	-2.54873	0.532077	1.32829	1.32829	0.0838648	0.423977	-2.35862	0.317584	0.629139	-1.58947	0.180106	0.528069	-1.89369	0.0296752	0.317231	-3.15228	2.35255	7.4967	2.83256	1
cg19132069	ESAM	0.121259	0.735576	1.16155	1.16155	0.0643227	2.50505	2.50505	0.0167549	3.63243	3.63243	0.040368	2.84673	2.84673	0.929988	0.96192	-1.03959	0.678426	1.20226	1.20226	0.123495	2.08986	2.08986	0.615976	0.799778	-1.25035	0.134248	2.04104	2.04104	2.35255	7.27263	2.7479	1
cg01232145	FOXP1	0.121261	0.921441	0.97125	-1.0296	0.112086	0.599508	-1.66804	0.169838	0.648944	-1.54096	0.0672391	0.545244	-1.83404	0.22674	1.45547	1.45547	0.158055	1.56255	1.56255	0.219378	1.46515	1.46515	0.173058	0.651318	-1.53535	0.320301	1.35485	1.35485	2.35252	3.25848	1.2312	1
cg17133982	VWA5B1	0.121262	0.279489	1.37339	1.37339	0.325092	1.3321	1.3321	0.274139	0.725335	-1.37867	0.0390305	0.509593	-1.96235	0.999637	0.999872	-1.00013	0.240882	0.707177	-1.41407	0.203487	1.46051	1.46051	0.0574794	1.83363	1.83363	0.420359	0.792692	-1.26152	2.35252	2.96712	1.12111	1
cg25338707	FERMT3;FERMT3	0.121263	0.309079	0.693648	-1.44165	0.103425	0.538538	-1.85688	0.137716	0.573816	-1.74272	0.0850639	0.516005	-1.93796	0.0191576	0.373448	-2.67775	0.234394	0.64847	-1.54209	0.863372	1.06168	1.06168	0.165074	1.67292	1.67292	0.374997	0.728766	-1.37218	2.35251	4.49885	1.69988	1
cg00560671	LATS2	0.121265	0.781302	1.07827	1.07827	0.445505	0.809674	-1.23506	0.501847	1.20312	1.20312	0.150425	0.655915	-1.52459	0.030274	0.492937	-2.02866	?	?	?	0.761838	1.08579	1.08579	0.0613188	1.78862	1.78862	0.243461	1.39466	1.39466	2.51021	2.53458	0.883495	1
cg06193723	AICDA	0.121266	0.20791	0.376359	-2.65704	0.416111	0.542443	-1.84351	0.824937	0.849555	-1.17709	0.0185243	0.122239	-8.18072	0.168244	2.94659	2.94659	0.08175	0.241806	-4.13555	0.732226	0.776646	-1.28759	0.173331	2.90446	2.90446	0.374745	0.511458	-1.95519	2.35248	20.1799	7.62501	1
cg23441090	C1orf86;C1orf86;LOC100128003	0.121269	0.130511	1.84551	1.84551	0.383896	0.71726	-1.3942	0.836313	0.926144	-1.07975	0.400258	1.37768	1.37768	0.19124	1.67799	1.67799	0.0130187	0.306441	-3.26327	0.410644	0.731232	-1.36756	0.442062	0.747144	-1.33843	0.267284	0.649726	-1.53911	2.48868	5.30466	1.65784	1
cg06794001	SH3TC2	0.121269	0.518948	1.0675	1.0675	0.526222	0.937859	-1.06626	0.653457	1.04618	1.04618	0.0913176	0.830466	-1.20414	0.00894117	1.39405	1.39405	0.371068	1.0961	1.0961	0.3241	0.903269	-1.10709	0.3537	1.10002	1.10002	0.817273	1.02339	1.02339	2.35246	0.371833	0.140499	1
cg21442998	VGLL4;ATG7;VGLL4;ATG7;VGLL4;ATG7;VGLL4	0.121271	0.328965	1.41193	1.41193	0.386133	0.737725	-1.35552	0.179776	0.613975	-1.62873	0.69876	0.875338	-1.14242	0.315344	0.700847	-1.42684	0.658641	1.16442	1.16442	0.0906175	0.528173	-1.89332	0.0141518	2.8195	2.8195	0.732854	0.889313	-1.12446	2.35244	4.36752	1.65031	1
cg16467656	SNRPD1	0.121272	0.546125	1.21187	1.21187	0.507491	1.23557	1.23557	0.0296599	2.23747	2.23747	0.267701	1.43797	1.43797	0.926225	0.971284	-1.02957	0.517341	1.22938	1.22938	0.216544	0.66425	-1.50546	0.0344934	0.460368	-2.17217	0.329442	0.728598	-1.3725	2.35243	3.68743	1.39333	1
cg23206311	N4BP2L1;N4BP2L1	0.121273	0.573899	0.79556	-1.25698	0.896956	0.949181	-1.05354	0.270464	0.630105	-1.58704	0.633522	1.2133	1.2133	0.843301	0.923425	-1.08293	0.483308	0.750682	-1.33212	0.00455104	0.21845	-4.57772	0.172793	1.79322	1.79322	0.751512	1.13641	1.13641	2.35243	6.03692	2.28111	1
cg05517572	STAP2;STAP2;STAP2;STAP2	0.121275	0.859903	0.952166	-1.05024	0.617416	1.14996	1.14996	0.910895	0.969417	-1.03155	0.65333	1.13364	1.13364	0.815315	1.06707	1.06707	0.5199	1.1984	1.1984	0.00222052	3.28429	3.28429	0.269997	1.37532	1.37532	0.933873	1.02329	1.02329	2.3524	2.868	1.08372	1
cg10624122	TWIST1	0.121279	0.124555	0.357719	-2.79549	0.206861	0.439132	-2.27722	0.126448	2.77886	2.77886	0.923762	0.942545	-1.06096	0.381386	0.574063	-1.74197	0.282478	0.501369	-1.99454	0.0689095	0.284101	-3.51988	0.0524926	3.90801	3.90801	0.79432	1.17529	1.17529	2.35237	14.238	5.3801	1
cg26415547	IRAK3;IRAK3;IRAK3;IRAK3	0.12128	0.116712	11.6757	11.6757	0.0807516	16.3196	16.3196	0.297825	4.74043	4.74043	0.475411	2.84755	2.84755	0.281699	0.199267	-5.01839	0.577362	2.25168	2.25168	0.771154	1.52276	1.52276	0.0157262	71.3724	71.3724	0.0471027	26.4718	26.4718	2.35236	77.4538	29.2675	1
cg03906014	MUC6	0.12128	0.700963	0.726738	-1.37601	0.337627	2.26532	2.26532	0.632938	1.48888	1.48888	0.915057	1.09227	1.09227	0.111772	0.238676	-4.18979	0.41654	0.503153	-1.98747	0.0117493	0.0740119	-13.5113	0.0468248	0.152199	-6.57036	0.286362	0.400174	-2.49891	2.35236	25.4936	9.63329	1
cg21002970	MTA2;MTA2	0.121283	0.104976	0.714969	-1.39866	0.184536	1.30544	1.30544	0.0576445	1.50162	1.50162	0.0360045	1.58711	1.58711	0.110809	1.38962	1.38962	0.897315	0.975845	-1.02475	0.736515	0.938048	-1.06604	0.736298	0.937996	-1.0661	0.311776	1.21917	1.21917	2.35234	1.33617	0.504906	1
cg20239565	HEXDC	0.121285	0.0412334	0.157659	-6.3428	0.424233	0.527165	-1.89694	0.36547	0.482166	-2.07397	0.408263	0.515015	-1.94169	0.0679703	0.201156	-4.97127	0.132476	0.279831	-3.57359	0.0165297	0.100539	-9.94635	0.0445826	0.163774	-6.10598	0.124234	0.270941	-3.69084	2.35232	22.9285	8.66417	1
cg05523500	PPP4R2	0.121287	0.959525	1.01879	1.01879	0.0212803	0.362294	-2.76019	0.0490278	0.43857	-2.28014	0.94034	0.97292	-1.02783	0.0688573	0.473882	-2.11023	0.402115	0.730147	-1.36959	0.0273775	0.383941	-2.60457	0.899517	0.954723	-1.04742	0.834689	0.926217	-1.07966	2.3523	5.01169	1.89382	1
cg27337209	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.121293	0.466996	0.843878	-1.18501	0.0806377	1.55948	1.55948	0.108383	0.669201	-1.49432	0.336799	0.796827	-1.25498	0.0232188	0.536729	-1.86314	0.116583	0.676348	-1.47853	0.945497	1.0158	1.0158	0.403906	1.21638	1.21638	0.618739	0.891317	-1.12193	2.35225	1.95943	0.740448	1
cg23550826	PDGFRA;PDGFRA	0.121297	0.0787385	0.240104	-4.16487	0.999357	0.999411	-1.00059	0.166698	0.340483	-2.937	0.223185	0.392488	-2.54785	0.07536	0.235344	-4.2491	0.928721	1.06756	1.06756	0.00737999	0.0802426	-12.4622	0.168063	0.341816	-2.92555	0.350693	0.495647	-2.01757	2.35222	19.8918	7.51698	1
cg24593694	PRDM2	0.121297	0.0292232	2.02286	2.02286	0.473349	0.818745	-1.22138	0.40775	0.79278	-1.26138	0.784368	1.07811	1.07811	0.0421955	0.526348	-1.89988	0.9487	1.0178	1.0178	0.0583521	0.556224	-1.79784	0.711755	1.10713	1.10713	0.74054	1.09541	1.09541	2.35222	2.80132	1.0586	1
cg20340302	BMP7	0.121301	0.418354	0.725439	-1.37847	0.562502	1.2547	1.2547	0.450664	1.34742	1.34742	0.631005	1.20615	1.20615	0.0386995	0.387532	-2.58043	0.0567699	0.427186	-2.3409	0.0235673	0.34094	-2.93307	0.75129	1.13096	1.13096	0.83695	1.083	1.083	2.48836	5.77401	1.80476	1
cg01638082	DVWA	0.121302	0.260698	0.868744	-1.15109	0.712896	0.956638	-1.04533	0.427761	0.907452	-1.10199	0.123695	0.818738	-1.22139	0.253674	1.15371	1.15371	0.0589866	1.29146	1.29146	0.0312228	1.35419	1.35419	0.43675	1.09983	1.09983	0.64088	0.945209	-1.05797	2.35217	0.535957	0.202539	1
cg03279522	AGAP1;AGAP1	0.121302	0.338608	1.80378	1.80378	0.0584911	3.59073	3.59073	0.93456	0.952076	-1.05034	0.660522	1.30252	1.30252	0.111333	2.82134	2.82134	0.0823129	3.16132	3.16132	0.0205761	5.30226	5.30226	0.0310447	4.54419	4.54419	0.19346	2.27711	2.27711	2.35217	13.3228	5.03472	1
cg23166250	PFDN2	0.121304	0.0819492	0.563475	-1.7747	0.468469	0.802896	-1.24549	0.169908	0.647209	-1.54509	0.738191	0.904985	-1.10499	0.0917366	0.575468	-1.73771	0.0163769	0.417593	-2.39468	0.045861	0.506032	-1.97616	0.880761	1.04569	1.04569	0.0713318	0.549124	-1.82108	2.35215	3.29965	1.24695	1
cg25571269	MIR193A	0.121304	0.471938	1.65494	1.65494	0.209226	2.4875	2.4875	0.027874	5.98474	5.98474	0.236244	2.3502	2.3502	0.82981	0.862256	-1.15975	0.130714	3.07601	3.07601	0.0291946	5.86669	5.86669	0.186786	2.6208	2.6208	0.0279387	5.97877	5.97877	2.35215	17.6589	6.67338	1
cg26875877	GPR39	0.121306	0.0550978	0.301118	-3.32096	0.0296997	0.243571	-4.10558	0.541108	0.710742	-1.40698	0.485928	0.676546	-1.4781	0.0496822	0.290628	-3.44083	0.367014	0.599631	-1.66769	0.0353376	0.258581	-3.86726	0.0582236	0.30687	-3.25871	0.14955	0.426226	-2.34617	2.35214	11.3468	4.28804	1
cg09503975	SF1;SF1;SF1;SF1;SF1;SF1;SF1;SF1	0.121308	0.168409	0.904879	-1.10512	0.078198	1.14254	1.14254	0.405145	0.943646	-1.05972	0.192096	0.910255	-1.09859	0.0704777	0.871382	-1.1476	0.647389	1.03186	1.03186	0.999913	1.00001	1.00001	0.940537	1.00509	1.00509	0.0493411	1.16506	1.16506	2.35212	0.172766	0.0652901	1
cg16349819	PDZRN4;PDZRN4	0.121309	0.64966	0.798097	-1.25298	0.257332	1.79138	1.79138	0.586721	1.31087	1.31087	0.0567076	2.89708	2.89708	0.625871	0.784808	-1.2742	0.721474	0.838171	-1.19307	0.16987	0.486246	-2.05657	0.0119096	4.70136	4.70136	0.639172	1.26224	1.26224	2.35211	9.06027	3.42398	1
cg19505458	KIAA1217;KIAA1217;KIAA1217	0.12131	0.0525664	0.15984	-6.25627	0.0824211	0.201792	-4.95561	0.0723008	0.188506	-5.30487	0.269043	0.383797	-2.60554	0.0234234	0.105114	-9.5135	0.23141	0.35194	-2.8414	0.0386081	0.136279	-7.33786	0.118315	0.243963	-4.09898	0.166676	0.293258	-3.40997	2.3521	25.7831	9.74375	1
cg16533767	KLHL29	0.121313	0.745572	1.14015	1.14015	0.00802179	3.92932	3.92932	0.0227985	2.99713	2.99713	0.465909	1.3484	1.3484	0.480682	1.33479	1.33479	0.349988	1.47336	1.47336	0.0698944	2.26253	2.26253	0.350952	1.47216	1.47216	0.341861	1.48368	1.48368	2.35208	6.04524	2.2846	1
cg15006973	GJA4	0.121313	0.729238	1.12439	1.12439	0.237163	0.658454	-1.51871	0.250802	0.667064	-1.49911	0.140596	1.70716	1.70716	0.0543333	0.478686	-2.08905	0.207398	0.638538	-1.56608	0.0313036	0.426403	-2.3452	0.188274	0.62476	-1.60061	0.145142	0.589845	-1.69536	2.35207	4.24082	1.60268	1
cg19236708	FAM18B	0.121315	0.00808831	5.13921	5.13921	0.520771	0.739005	-1.35317	0.716636	0.844397	-1.18428	0.755205	0.86494	-1.15615	0.616174	0.790846	-1.26447	0.231547	0.556465	-1.79706	0.638947	1.24528	1.24528	0.112548	2.25169	2.25169	0.317931	1.61786	1.61786	2.48823	8.29488	2.59284	1
cg00310728	C6orf125	0.121316	0.592725	0.87451	-1.1435	0.0374247	1.82171	1.82171	0.0711951	1.64956	1.64956	0.969232	1.00963	1.00963	0.0770335	0.613674	-1.62953	0.777147	1.07302	1.07302	0.0949565	1.57731	1.57731	0.366277	0.79412	-1.25926	0.863454	0.958151	-1.04368	2.35205	2.29762	0.86832	1
cg19741704	APBB1;APBB1	0.121316	0.581833	1.13756	1.13756	0.028775	1.8177	1.8177	0.117305	1.4832	1.4832	0.12557	0.681041	-1.46834	0.70901	1.09075	1.09075	0.492312	0.850785	-1.17538	0.239298	0.7516	-1.33049	0.0775019	1.57572	1.57572	0.974211	0.992537	-1.00752	2.35205	2.0002	0.755917	1
cg20050828	STX2;STX2	0.121316	0.452214	1.29839	1.29839	0.0129303	2.86341	2.86341	0.0626085	2.04299	2.04299	0.470752	1.28423	1.28423	0.0920085	1.88212	1.88212	0.694004	0.873877	-1.14433	0.0334908	2.33258	2.33258	0.318369	1.42138	1.42138	0.413437	1.32986	1.32986	2.35205	4.33039	1.63655	1
cg06873806	BHLHE22	0.121318	0.52546	0.741907	-1.34788	0.103171	2.28668	2.28668	0.859959	1.08539	1.08539	0.859222	0.920929	-1.08586	0.976698	1.01364	1.01364	0.82131	1.11067	1.11067	0.745837	0.859933	-1.16288	0.00776474	4.88497	4.88497	0.0519269	2.79025	2.79025	2.35203	8.01927	3.03067	1
cg26450541	ZNF187;ZNF187;ZNF187	0.121318	0.079498	0.716775	-1.39514	0.0320127	0.650642	-1.53694	0.119963	0.749317	-1.33455	0.42358	1.15007	1.15007	0.455651	0.878103	-1.13882	0.277411	1.21318	1.21318	0.132434	0.757474	-1.32018	0.780481	0.953328	-1.04896	0.244107	1.2318	1.2318	2.35203	1.09025	0.412033	1
cg14142743	NFIL3	0.121321	0.0729502	0.280582	-3.56402	0.0547677	0.250516	-3.99176	0.0525174	0.246402	-4.0584	0.0896	0.304482	-3.28426	0.0323536	0.203495	-4.91414	0.361701	0.55115	-1.81439	0.0342423	0.208117	-4.80499	0.550177	0.681047	-1.46833	0.402271	0.580032	-1.72404	2.352	15.0395	5.68385	1
cg07098566	DAXX;DAXX;DAXX;DAXX	0.121321	0.0386523	0.0449745	-22.2348	0.273533	0.24244	-4.12473	0.62113	0.542034	-1.8449	0.827102	1.3077	1.3077	0.156733	0.149148	-6.70474	0.283801	0.250611	-3.99024	0.0187322	0.0233752	-42.7804	0.714596	1.56971	1.56971	0.0310177	0.0370111	-27.0189	2.68093	60.7545	15.1078	1
cg13515881	BDKRB2	0.121324	0.452863	0.750095	-1.33316	0.395196	0.720768	-1.38741	0.94602	1.02579	1.02579	0.724376	0.875354	-1.1424	0.0129019	0.313245	-3.19239	0.369366	0.707043	-1.41434	0.016149	0.330654	-3.02431	0.420998	1.36223	1.36223	0.788426	1.10643	1.10643	2.35197	5.26704	1.99059	1
cg08093211	CSTF2	0.121326	0.127545	0.275162	-3.63422	0.0774792	0.215046	-4.65017	0.215136	0.35994	-2.77824	0.0516104	5.66854	5.66854	0.340633	0.463456	-2.1577	0.0444678	0.164087	-6.09435	0.617717	1.48297	1.48297	0.56919	0.637277	-1.56918	0.662168	0.708716	-1.411	2.35196	22.845	8.63394	1
cg18561930	DNMBP	0.121326	0.766717	1.04411	1.04411	0.736178	0.95212	-1.05029	0.730043	0.950982	-1.05154	0.181841	0.814141	-1.22829	0.00610763	1.68082	1.68082	0.563005	1.08855	1.08855	0.20373	0.823133	-1.21487	0.575751	0.921243	-1.08549	0.554917	1.09051	1.09051	2.35196	0.784183	0.296371	1
cg20503649	FAM19A5;FAM19A5	0.121329	0.839399	0.971155	-1.0297	0.404734	0.884293	-1.13085	0.539092	0.914211	-1.09384	0.72648	1.05196	1.05196	0.645759	1.06904	1.06904	0.942485	1.01046	1.01046	0.00462723	1.72193	1.72193	0.300684	0.856684	-1.16729	0.311831	0.859919	-1.1629	2.35194	0.774979	0.292895	1
cg17147885	NEK10	0.12133	0.0760571	0.551078	-1.81462	0.137044	0.616654	-1.62166	0.201428	0.665497	-1.50264	0.302316	0.724305	-1.38063	0.0407242	0.490113	-2.04035	0.0340366	0.473881	-2.11023	0.0650699	0.535134	-1.86869	0.365329	1.32414	1.32414	0.628331	0.863086	-1.15863	2.35192	3.39389	1.28269	1
cg08970682	FLJ20184	0.121332	0.549557	0.830894	-1.20352	0.0199528	2.36168	2.36168	0.811442	1.07586	1.07586	0.191588	0.655087	-1.52652	0.374951	0.756834	-1.32129	0.136188	0.611859	-1.63436	0.991202	1.00338	1.00338	0.0656934	1.88122	1.88122	0.85349	1.05819	1.05819	2.35191	3.48677	1.3178	1
cg26349362	CAPS2;CAPS2	0.121333	0.157826	1.15316	1.15316	0.370192	0.916828	-1.09072	0.587568	1.05303	1.05303	0.134593	1.16443	1.16443	0.657018	0.958707	-1.04307	0.100739	1.18487	1.18487	0.849528	0.982237	-1.01808	0.00803988	1.3777	1.3777	0.597142	1.05162	1.05162	2.3519	0.331675	0.125355	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12253851	MAD1L1;MAD1L1;MAD1L1	0.121338	0.0409744	0.389908	-2.56471	0.132708	0.523198	-1.91132	0.99232	0.996164	-1.00385	0.451196	1.3587	1.3587	0.0145335	0.300565	-3.32707	0.336848	0.67341	-1.48498	0.0810971	0.461971	-2.16464	0.224681	0.600938	-1.66406	0.357847	0.685524	-1.45874	2.35186	5.93911	2.2447	1
cg13172367	CDCA2	0.12134	0.109129	0.674663	-1.48222	0.832466	0.953403	-1.04887	0.00955544	0.477462	-2.09441	0.631274	0.896798	-1.11508	0.255095	0.765177	-1.30689	0.0225363	0.540416	-1.85043	0.203684	0.739185	-1.35284	0.588294	0.884167	-1.13101	0.15941	0.71269	-1.40313	2.35184	1.88998	0.714326	1
cg06513139	UBXN6;UBXN6	0.121345	0.248228	0.560358	-1.78457	0.92211	1.04804	1.04804	0.108415	2.31703	2.31703	0.788506	1.1377	1.1377	0.542685	0.744034	-1.34402	0.108821	0.432079	-2.31439	0.0139532	0.232933	-4.29308	0.130993	0.4573	-2.18675	0.942894	1.03497	1.03497	2.3518	8.57533	3.24115	1
cg23943264	NUDT22;TRPT1;TRPT1;NUDT22;TRPT1;NUDT22;TRPT1;TRPT1;TRPT1	0.121346	0.125863	0.806478	-1.23996	0.91413	1.01411	1.01411	0.922755	0.987484	-1.01267	0.461215	1.10232	1.10232	0.107884	1.25586	1.25586	0.0601538	1.31697	1.31697	0.0586746	1.31962	1.31962	0.518427	1.08874	1.08874	0.0390832	1.36358	1.36358	2.35178	0.628117	0.237406	1
cg07387931	SPSB4	0.121347	0.48638	0.85515	-1.16938	0.0963238	1.49778	1.49778	0.0411663	1.68405	1.68405	0.979086	0.994217	-1.00582	0.0358865	0.582699	-1.71615	0.556921	0.87683	-1.14047	0.321168	1.25454	1.25454	0.263936	1.29387	1.29387	0.767949	0.936634	-1.06765	2.35178	1.82319	0.689102	1
cg11637059	SLC44A4	0.121347	0.243872	0.691515	-1.4461	0.213755	1.48595	1.48595	0.539436	1.20679	1.20679	0.144883	0.622708	-1.60589	0.0208492	0.431122	-2.31953	0.377789	0.760502	-1.31492	0.0382673	0.483634	-2.06768	0.693585	0.8871	-1.12727	0.253016	0.696854	-1.43502	2.35177	3.40899	1.28848	1
cg06584662	SEC13;SEC13;SEC13;SEC13;SEC13	0.121349	0.259007	1.10658	1.10658	0.0734619	0.842293	-1.18724	0.0325637	0.806436	-1.24002	0.842011	1.01731	1.01731	0.753273	0.973247	-1.02749	0.579649	0.953025	-1.04929	0.528049	0.946507	-1.05652	0.0820966	1.18017	1.18017	0.203753	1.12227	1.12227	2.35176	0.27545	0.104111	1
cg11866851	RNASEN;C5orf22;RNASEN	0.121349	0.0275513	0.686475	-1.45672	0.612466	0.928914	-1.07653	0.939688	1.01098	1.01098	0.746817	0.954317	-1.04787	0.43917	0.89235	-1.12064	0.0135308	0.643272	-1.55455	0.781079	1.04104	1.04104	0.761991	1.04482	1.04482	0.174077	1.23211	1.23211	2.35175	0.776137	0.293355	1
cg26728422	UNKL	0.12135	0.35897	1.31192	1.31192	0.490757	1.2232	1.2232	0.245528	0.704968	-1.4185	0.108237	0.603893	-1.65592	0.199428	0.676904	-1.47732	0.256057	1.4067	1.4067	0.0231052	0.457559	-2.18551	0.92069	1.02908	1.02908	0.207438	1.46613	1.46613	2.35175	3.08568	1.16629	1
cg04396125	ZNF358	0.121352	0.340126	0.82706	-1.2091	0.810239	1.04756	1.04756	0.238627	0.787903	-1.26919	0.324868	0.821719	-1.21696	0.00759517	0.515251	-1.9408	0.568111	0.894549	-1.11788	0.0254241	0.59867	-1.67037	0.938218	1.01508	1.01508	0.851414	1.03688	1.03688	2.35173	1.3894	0.525156	1
cg00679681	ANKRD11	0.121353	0.156988	1.30752	1.30752	0.459908	0.875214	-1.14258	0.509348	1.12589	1.12589	0.0823956	1.40612	1.40612	0.604406	1.09701	1.09701	0.0246068	1.60671	1.60671	0.0141487	1.70972	1.70972	0.519621	1.12258	1.12258	0.46697	1.14011	1.14011	2.35172	1.1688	0.441774	1
cg03283421	FAM24B	0.121356	0.0410572	0.244696	-4.0867	0.621778	1.34574	1.34574	0.149194	0.397076	-2.51841	0.0524674	0.267991	-3.73147	0.0312917	0.221201	-4.52077	0.169719	0.417524	-2.39507	0.0812934	0.315383	-3.17074	0.802829	1.16113	1.16113	0.470564	0.645113	-1.55012	2.3517	13.2813	5.02002	1
cg09471709	ST8SIA6	0.121357	0.249774	0.83317	-1.20024	0.124815	1.28677	1.28677	0.29706	1.17827	1.17827	0.0778815	0.742813	-1.34623	0.140384	0.786091	-1.27212	0.360783	0.867134	-1.15322	0.0684285	1.36283	1.36283	0.339355	0.861195	-1.16118	0.473832	0.89535	-1.11688	2.35169	0.857639	0.32417	1
cg25340688	MIR886	0.121359	0.132729	3.21118	3.21118	0.189551	2.71663	2.71663	0.961822	1.03502	1.03502	0.176278	2.81216	2.81216	0.0708427	4.26989	4.26989	0.0732588	4.20614	4.20614	0.0103812	10.1892	10.1892	0.138251	3.1512	3.1512	0.128428	3.26036	3.26036	2.35167	19.2637	7.28134	1
cg13149387	LOC100130872	0.121364	0.514689	0.92405	-1.08219	0.146413	0.829963	-1.20487	0.652922	0.947319	-1.05561	0.0384258	0.750692	-1.3321	0.877496	0.981728	-1.01861	0.130144	1.21585	1.21585	0.0399307	1.32831	1.32831	0.390504	0.900151	-1.11092	0.550968	0.930413	-1.07479	2.35163	0.532334	0.201216	1
cg05865567	NXF1;NXF1;NXF1;NXF1	0.121366	0.605144	1.62893	1.62893	0.375209	0.425845	-2.34827	0.666235	1.50049	1.50049	0.00785523	0.0362251	-27.6052	?	?	?	0.0875848	0.167098	-5.98452	0.613058	1.61131	1.61131	0.733493	1.37641	1.37641	0.947055	0.93984	-1.06401	2.5092	30.1841	10.5257	1
cg24319167	KLRC2	0.121367	0.397718	0.531041	-1.88309	0.0186997	0.124552	-8.02874	0.0175676	0.120997	-8.26464	0.396662	0.530253	-1.88589	0.141757	0.315149	-3.17311	0.466696	0.58195	-1.71836	0.044724	0.185584	-5.3884	0.136481	0.309566	-3.23033	0.331609	0.480876	-2.07954	2.3516	19.8971	7.52098	1
cg14182820	SNORD116-11	0.121367	0.382953	0.744095	-1.34391	0.0742842	0.518376	-1.9291	0.539825	1.2276	1.2276	0.889508	1.04699	1.04699	0.603279	0.840956	-1.18912	0.983485	0.993185	-1.00686	0.507644	0.800869	-1.24864	0.00858971	3.02641	3.02641	0.37871	0.742028	-1.34766	2.3516	4.0651	1.53658	1
cg05928975	MAD1L1;MAD1L1;MAD1L1	0.121369	0.50367	1.22471	1.22471	0.301776	1.37651	1.37651	0.164633	0.642212	-1.55712	0.0107395	0.383848	-2.6052	0.395925	1.29651	1.29651	0.590052	0.85005	-1.1764	0.212509	1.48025	1.48025	0.412228	1.28456	1.28456	0.566068	1.18918	1.18918	2.35158	3.32279	1.256	1
cg01643628	UBXN2B	0.121371	0.380004	1.0969	1.0969	0.0736429	1.22729	1.22729	0.895635	1.01357	1.01357	0.138418	1.17801	1.17801	0.15348	1.16995	1.16995	0.616362	0.949445	-1.05325	0.0208215	0.751485	-1.3307	0.326054	1.10975	1.10975	0.620313	1.05263	1.05263	2.35156	0.392818	0.148485	1
cg10008571	CANT1;CANT1;CANT1	0.121375	0.204641	1.76659	1.76659	0.0973776	0.461445	-2.16711	0.1354	0.504478	-1.98225	0.255126	1.65719	1.65719	0.904861	1.05215	1.05215	0.914189	0.955207	-1.04689	0.980011	1.01071	1.01071	0.0207878	3.26472	3.26472	0.230866	1.70635	1.70635	2.35153	6.73178	2.54464	1
cg08275680	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.121381	0.831596	1.07905	1.07905	0.025528	2.5808	2.5808	0.810509	1.08961	1.08961	0.37369	1.38575	1.38575	0.604532	1.20521	1.20521	0.0424989	0.434061	-2.30382	0.0864248	0.508291	-1.96738	0.449428	1.31702	1.31702	0.833337	0.927483	-1.07819	2.35148	4.75354	1.7969	1
cg02369113	PTPRN2;PTPRN2;PTPRN2	0.121384	0.0876047	0.440986	-2.26764	0.951371	0.973866	-1.02684	0.173857	1.87425	1.87425	0.467699	1.37831	1.37831	0.0190378	0.29156	-3.42983	0.361866	0.665672	-1.50224	0.122125	0.483109	-2.06993	0.781456	1.12835	1.12835	0.168811	0.529081	-1.89007	2.35145	7.02133	2.65419	1
cg02441543	SHANK3	0.121385	0.704352	0.866681	-1.15383	0.0149076	3.0765	3.0765	0.0097178	3.41319	3.41319	0.481601	1.30796	1.30796	0.353	1.43146	1.43146	0.593035	1.22443	1.22443	0.196435	1.66971	1.66971	0.522533	1.27538	1.27538	0.778888	1.11143	1.11143	2.35144	5.24624	1.98317	1
cg03368665	UBTFL1	0.121385	0.0476205	0.247918	-4.03359	0.418423	1.6637	1.6637	0.293837	0.511524	-1.95494	0.641512	0.749258	-1.33465	0.0151238	0.159185	-6.28202	0.517526	0.667679	-1.49773	0.563121	1.43319	1.43319	0.267057	0.490729	-2.03778	0.0603757	0.27147	-3.68365	2.35144	14.1155	5.33593	1
cg11915205	REEP1;REEP1;REEP1;REEP1	0.121387	0.550892	0.823423	-1.21444	0.066217	1.94141	1.94141	0.122201	1.71487	1.71487	0.494956	1.24997	1.24997	0.151331	0.609551	-1.64055	0.65536	1.15562	1.15562	0.0263894	0.428381	-2.33437	0.500664	1.24619	1.24619	0.825015	0.931185	-1.0739	2.35142	3.86063	1.4594	1
cg18229914	ETAA1	0.121391	0.00876228	0.0384337	-26.0188	0.823221	1.22031	1.22031	0.680164	0.69116	-1.44684	?	?	?	0.571792	1.66538	1.66538	0.503731	1.83425	1.83425	0.42467	2.07631	2.07631	?	?	?	0.406074	0.466666	-2.14286	2.72465	25.281	7.95312	1
cg11287219	GAL3ST3	0.121393	0.321633	1.19031	1.19031	0.359712	0.851954	-1.17377	0.00850175	0.564704	-1.77084	0.655968	0.926549	-1.07927	0.647038	1.0816	1.0816	0.495939	0.889025	-1.12483	0.0749425	1.40136	1.40136	0.671782	0.930054	-1.07521	0.96134	0.991787	-1.00828	2.35137	1.07806	0.40754	1
cg02442436	PALM2;PALM2	0.121394	0.520798	1.20538	1.20538	0.0123937	2.44334	2.44334	0.0499656	1.89947	1.89947	0.925438	1.02723	1.02723	0.467544	1.23633	1.23633	0.932104	1.02476	1.02476	0.36275	0.764554	-1.30795	0.168063	0.655986	-1.52442	0.711189	0.898764	-1.11264	2.35136	3.06732	1.15954	1
cg13296436	RARA;RARA;RARA	0.121397	0.599229	1.04587	1.04587	0.154804	0.879164	-1.13744	0.936275	1.00679	1.00679	0.896573	0.989061	-1.01106	0.791226	1.02269	1.02269	0.14811	0.877032	-1.14021	0.0631016	0.83795	-1.19339	0.0263185	1.2496	1.2496	0.177378	0.885819	-1.1289	2.35134	0.26636	0.100694	1
cg14228614	FAM110B	0.1214	0.756391	0.877646	-1.13941	0.015458	3.47655	3.47655	0.74934	1.1439	1.1439	0.764615	1.13422	1.13422	0.0891631	0.455578	-2.19501	0.165942	1.85823	1.85823	0.288535	0.62996	-1.5874	0.252468	0.605719	-1.65093	0.473296	1.35785	1.35785	2.35131	6.55037	2.4763	1
cg22501103	MAP3K6	0.121402	0.167207	2.07132	2.07132	0.00701039	5.60848	5.60848	0.338397	1.62913	1.62913	0.0929167	2.49487	2.49487	0.0741998	2.67491	2.67491	0.169673	2.0615	2.0615	0.0900806	2.51902	2.51902	0.243354	1.82891	1.82891	0.220464	1.89097	1.89097	2.35129	9.1079	3.44317	1
cg03171300	POLR1A	0.121403	0.666264	1.14284	1.14284	0.603219	1.17511	1.17511	0.320637	0.729226	-1.37132	0.928063	0.972596	-1.02818	0.0400664	0.481861	-2.07529	0.225531	0.675932	-1.47944	0.747687	0.905452	-1.10442	0.0144661	2.52763	2.52763	0.885045	0.95646	-1.04552	2.35128	3.5262	1.33306	1
cg21564803	TTLL1;TTLL1	0.121407	0.4713	0.926665	-1.07914	0.0402491	1.2793	1.2793	0.315794	0.897805	-1.11383	0.0526327	0.795332	-1.25734	0.143802	0.849386	-1.17732	0.392038	1.09543	1.09543	0.81247	0.975601	-1.02501	0.126365	0.842079	-1.18754	0.260118	0.885069	-1.12986	2.35125	0.402291	0.152086	1
cg22730442	LOC100133612	0.121417	0.881336	0.972773	-1.02799	0.423313	0.859737	-1.16315	0.385165	0.848289	-1.17884	0.0597213	0.67527	-1.48089	0.0191669	0.592284	-1.68838	0.413218	1.16718	1.16718	0.0723261	1.44862	1.44862	0.946494	1.01248	1.01248	0.682031	0.9267	-1.0791	2.35116	1.27167	0.480773	1
cg00070529	ENOX1;ENOX1	0.121417	0.325681	1.44888	1.44888	0.276334	0.661184	-1.51244	0.0279356	0.387127	-2.58313	0.275127	0.660441	-1.51414	0.0347348	0.406836	-2.45799	0.479267	1.30055	1.30055	0.419573	1.35165	1.35165	0.521166	1.2682	1.2682	0.482985	1.29758	1.29758	2.35116	4.97111	1.8794	1
cg27664343	PGAM5;PGAM5	0.121418	0.0811643	0.63804	-1.5673	0.979386	0.994013	-1.00602	0.424905	1.20851	1.20851	0.0362707	0.567904	-1.76086	0.593656	1.13333	1.13333	0.0184517	0.514628	-1.94315	0.974213	0.992516	-1.00754	0.823264	0.949338	-1.05337	0.154211	0.701535	-1.42545	2.35115	2.01134	0.760417	1
cg05444083	JMJD8	0.121419	0.0140921	0.405876	-2.46381	0.869382	1.05019	1.05019	0.437163	1.266	1.266	0.63804	0.868485	-1.15143	0.0630004	0.536674	-1.86333	0.615604	0.860153	-1.16258	0.808117	1.07509	1.07509	0.31552	0.73431	-1.36182	0.0358242	0.483484	-2.06832	2.35115	3.29733	1.24661	1
cg00377497	TRIM35	0.121419	0.0377191	0.229206	-4.36289	0.816882	0.867819	-1.15231	0.859097	1.11473	1.11473	0.222231	0.456538	-2.1904	0.107073	0.341221	-2.93065	0.204102	0.440791	-2.26865	0.0175613	0.170969	-5.84902	0.0568183	0.267778	-3.73443	0.135473	0.374006	-2.67375	2.35114	13.9114	5.25945	1
cg21038996	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.121424	0.553086	0.910659	-1.09811	0.0253343	1.51385	1.51385	0.214427	0.815579	-1.22612	0.234231	0.823253	-1.21469	0.738593	1.05363	1.05363	0.132149	1.28847	1.28847	0.137823	1.28305	1.28305	0.397584	1.14465	1.14465	0.116691	1.30455	1.30455	2.3511	0.905841	0.342474	1
cg12247957	ZNF71	0.121424	0.375012	1.3298	1.3298	0.0617805	1.93194	1.93194	0.158982	1.60201	1.60201	0.171307	1.57768	1.57768	0.220407	1.49679	1.49679	0.150631	1.61971	1.61971	0.00884293	2.83855	2.83855	0.0901519	1.79435	1.79435	0.0814593	1.83042	1.83042	2.3511	3.64899	1.37959	1
cg13501279	CREG1	0.121427	0.100205	0.520664	-1.92062	0.392624	0.728074	-1.37349	0.830921	1.08057	1.08057	0.500498	0.780514	-1.28121	0.225535	0.630514	-1.58601	0.298631	0.676791	-1.47756	0.00612524	0.273565	-3.65544	0.0663482	0.474159	-2.109	0.137726	0.560333	-1.78465	2.35107	4.88956	1.84863	1
cg02276944	GPD2;GPD2	0.121428	0.0572054	0.335089	-2.98428	0.821621	0.891579	-1.12161	0.305432	0.583157	-1.7148	0.602546	0.765676	-1.30604	0.0563311	0.333464	-2.99883	0.192086	0.495735	-2.01721	0.11161	0.414528	-2.41238	0.00925033	0.186625	-5.35834	0.156681	0.463073	-2.15949	2.35107	9.61658	3.63582	1
cg22657351	MARCO	0.121433	0.657715	1.06388	1.06388	0.23401	1.18915	1.18915	0.11067	0.785558	-1.27298	0.994725	1.00092	1.00092	0.779502	0.961776	-1.03974	0.429899	0.894147	-1.11838	0.624342	1.07094	1.07094	0.00676802	0.614221	-1.62808	0.494636	1.10109	1.10109	2.35102	0.717942	0.271444	1
cg18244289	CYP26B1	0.121436	0.0959293	2.12545	2.12545	0.9288	1.03754	1.03754	0.135229	1.94245	1.94245	0.0305735	0.350727	-2.85122	0.379401	0.689474	-1.45038	0.581123	0.794703	-1.25833	0.253354	1.63542	1.63542	0.320491	1.52694	1.52694	0.141177	1.92036	1.92036	2.351	6.33082	2.39362	1
cg16918327	RPTOR;RPTOR	0.121438	0.0479204	0.595108	-1.68037	0.927847	1.021	1.021	0.0279121	0.550888	-1.81525	0.233647	0.750829	-1.33186	0.0417812	0.583593	-1.71352	0.368495	0.808974	-1.23613	0.0463573	0.592303	-1.68833	0.959543	0.988425	-1.01171	0.132707	0.68913	-1.45111	2.35098	1.96123	0.741525	1
cg12007166	HLA-L	0.12144	0.820757	1.12803	1.12803	0.99767	1.00155	1.00155	0.321611	1.72215	1.72215	0.997465	1.00169	1.00169	0.198808	0.486355	-2.05611	0.628698	0.77208	-1.2952	0.863009	0.912398	-1.09601	0.126583	2.40435	2.40435	0.00578065	6.81828	6.81828	2.35096	10.4927	3.96725	1
cg11895489	LOC642006	0.121442	0.182817	0.422485	-2.36695	0.0647518	0.282426	-3.54075	0.0444319	0.244891	-4.08345	0.693161	0.785287	-1.27342	0.0272258	0.203339	-4.91789	0.199954	0.438123	-2.28246	0.0262257	0.200456	-4.98863	0.536258	0.682683	-1.46481	0.12791	0.366713	-2.72693	2.35094	13.8317	5.22976	1
cg19537719	ANK1;ANK1;ANK1;ANK1;ANK1	0.121445	0.0566402	4.53111	4.53111	0.805871	1.18819	1.18819	0.640939	0.719692	-1.38948	0.495278	1.62404	1.62404	0.867278	0.88947	-1.12427	0.461657	1.69009	1.69009	0.101804	3.50524	3.50524	0.00694737	11.5403	11.5403	0.710181	0.76997	-1.29875	2.35092	18.2596	6.90399	1
cg17304712	CLPTM1L	0.121448	0.104354	0.303559	-3.29425	0.109979	0.310414	-3.2215	0.246266	0.442985	-2.25741	0.426583	0.579771	-1.72482	0.0102876	0.11402	-8.77036	0.246321	0.443031	-2.25718	0.0367382	0.196048	-5.1008	0.882199	1.10469	1.10469	0.158018	0.362935	-2.75531	2.35089	16.7883	6.34778	1
cg05350188	C2orf70	0.121448	0.531746	0.532817	-1.87682	0.12427	5.2293	5.2293	0.0892198	6.44152	6.44152	0.546346	0.545101	-1.83452	0.308789	0.351005	-2.84897	0.799467	0.776458	-1.2879	0.191508	0.25299	-3.95272	0.021188	15.707	15.707	0.612641	0.602018	-1.66108	2.35089	36.7821	13.9076	1
cg18769909	PTPRN2;PTPRN2;PTPRN2	0.12145	0.252655	0.660012	-1.51512	0.754794	0.896776	-1.11511	0.467636	1.29304	1.29304	0.150163	1.70984	1.70984	0.0336535	0.421986	-2.36975	0.955259	1.0197	1.0197	0.480688	1.28309	1.28309	0.888248	1.05011	1.05011	0.0227428	0.387497	-2.58067	2.35087	4.50225	1.70235	1
cg14233295	FLJ43860	0.121451	0.372874	1.29329	1.29329	0.132798	1.57769	1.57769	0.846088	0.94683	-1.05616	0.408178	1.26851	1.26851	0.0168351	0.44045	-2.2704	0.219543	0.695611	-1.43759	0.683941	1.12195	1.12195	0.0904387	0.591855	-1.6896	0.748026	1.09485	1.09485	2.35087	2.94276	1.11269	1
cg04083553	GP9	0.121454	0.727428	0.91436	-1.09366	0.142218	1.49733	1.49733	0.906551	0.9704	-1.0305	0.757881	1.08233	1.08233	0.0260769	0.508856	-1.96519	0.211573	1.40036	1.40036	0.0407271	1.83027	1.83027	0.530009	0.849783	-1.17677	0.469016	0.828207	-1.20743	2.35084	2.43742	0.921628	1
cg09936561	DRD5;DRD5	0.121455	0.104936	2.91733	2.91733	0.483705	1.53737	1.53737	0.163898	2.45375	2.45375	0.0498047	3.86516	3.86516	0.99074	1.00704	1.00704	0.569772	0.706733	-1.41496	0.491142	1.52586	1.52586	0.0623229	3.55313	3.55313	0.0143896	6.18979	6.18979	2.35083	13.594	5.1401	1
cg19752896	GIPR	0.121455	0.663065	0.893016	-1.1198	0.0465833	1.80079	1.80079	0.289407	1.32821	1.32821	0.924377	1.02481	1.02481	0.0448689	0.551984	-1.81165	0.363332	0.785739	-1.27269	0.992475	1.00244	1.00244	0.280946	1.33543	1.33543	0.063342	1.71421	1.71421	2.35083	2.48035	0.937862	1
cg20002248	ACN9	0.121456	0.187137	0.842792	-1.18653	0.246368	1.15986	1.15986	0.0478839	1.31877	1.31877	0.920043	0.987793	-1.01236	0.124123	1.22593	1.22593	0.739511	0.960002	-1.04166	0.0696424	0.780193	-1.28173	0.153283	0.829391	-1.2057	0.955777	0.993239	-1.00681	2.35082	0.557154	0.21067	1
cg18765439	EHBP1L1	0.121461	0.0249919	0.0730616	-13.6871	0.305433	0.353082	-2.83221	0.466939	0.483741	-2.06722	0.739585	0.720899	-1.38716	0.033487	0.0874176	-11.4393	0.17671	0.244432	-4.09112	0.0167304	0.0569763	-17.5511	0.162206	0.231316	-4.3231	0.707546	0.690932	-1.44732	2.35078	35.831	13.5486	1
cg16119522	PPP1R16B	0.121468	0.302906	1.51761	1.51761	0.773137	1.11961	1.11961	0.320507	0.669497	-1.49366	0.693855	1.16724	1.16724	0.0323291	2.66343	2.66343	0.128679	1.90002	1.90002	0.015617	3.18599	3.18599	0.117957	1.94175	1.94175	0.877738	1.06202	1.06202	2.35072	5.68846	2.151	1
cg00658394	VGLL4;VGLL4	0.121468	0.21427	0.870966	-1.14815	0.850346	1.02016	1.02016	0.213733	0.87081	-1.14836	0.162314	0.854165	-1.17073	0.224976	1.14415	1.14415	0.109607	1.20238	1.20238	0.0495529	0.78919	-1.26712	0.11904	0.836307	-1.19573	0.456449	1.08344	1.08344	2.35072	0.415644	0.157169	1
cg18822243	SOX5	0.121469	0.82603	0.895052	-1.11725	0.231553	0.531515	-1.88141	0.154498	0.464117	-2.15463	0.0349289	0.289962	-3.44873	0.0868048	0.385726	-2.59251	0.797397	1.13834	1.13834	0.84051	1.10682	1.10682	0.0941483	2.52674	2.52674	0.0902031	0.390438	-2.56123	2.35071	9.4447	3.57139	1
cg22309826	COPS3	0.12147	0.228927	0.845848	-1.18225	0.792593	0.965662	-1.03556	0.170356	1.21362	1.21362	0.694217	0.948959	-1.05379	0.0190154	1.45714	1.45714	0.539771	0.920986	-1.08579	0.157769	0.818509	-1.22173	0.57391	0.927433	-1.07824	0.112018	1.25791	1.25791	2.3507	0.654548	0.247509	1
cg02147009	ACSM5	0.12147	0.041625	0.181164	-5.51986	0.838373	1.16014	1.16014	0.872492	1.12391	1.12391	0.658067	1.38258	1.38258	0.00709008	0.0796356	-12.5572	0.548369	1.55538	1.55538	0.999593	0.999629	-1.00037	0.359126	0.503698	-1.98531	0.721047	1.29792	1.29792	2.3507	19.6932	7.44673	1
cg14125583	PDE6B;PDE6B;PDE6B	0.121472	0.114648	0.752607	-1.32871	0.680771	1.07093	1.07093	0.315787	1.18745	1.18745	0.553783	1.1043	1.1043	0.009369	0.579391	-1.72595	0.968754	0.993533	-1.00651	0.901069	1.02081	1.02081	0.728981	0.944012	-1.05931	0.0779824	0.72295	-1.38322	2.35069	1.02155	0.386288	1
cg15897645	NKX6-1	0.121476	0.78433	0.932904	-1.07192	0.0612142	1.70577	1.70577	0.0839469	1.62278	1.62278	0.73907	0.918854	-1.08831	0.382052	0.796953	-1.25478	0.241723	1.36373	1.36373	0.0476462	0.563593	-1.77433	0.132476	1.50832	1.50832	0.628674	1.1313	1.1313	2.35065	2.38613	0.902305	1
cg24029436	C3orf38	0.121483	0.530843	0.762385	-1.31167	0.00527499	0.207662	-4.81551	0.630754	0.813047	-1.22994	0.0642744	0.411289	-2.43138	0.376772	0.678685	-1.47344	0.666589	1.2035	1.2035	0.21241	0.57048	-1.75291	0.937664	0.967127	-1.03399	0.559745	1.28664	1.28664	2.35059	6.7988	2.57101	1
cg17418055	DEFB124	0.121484	0.0816946	0.380215	-2.63009	0.947124	1.0338	1.0338	0.498746	0.708795	-1.41085	0.264037	0.557934	-1.79233	0.0586338	0.342789	-2.91725	0.0512512	0.328724	-3.04207	0.011512	0.205132	-4.87491	0.153337	0.46472	-2.15183	0.304932	0.587152	-1.70314	2.35058	9.35197	3.53652	1
cg06118588	SEMA4F	0.121487	0.0756766	0.602195	-1.66059	0.333056	1.29191	1.29191	0.976516	1.00758	1.00758	0.837801	1.05398	1.05398	0.587739	1.15074	1.15074	0.594216	1.14789	1.14789	0.0644264	0.586897	-1.70388	0.0234838	2.00201	2.00201	0.352687	1.27802	1.27802	2.35055	2.44944	0.926284	1
cg05049639	CUX1;CUX1;CUX1	0.121487	0.0746547	0.381353	-2.62224	0.0426638	0.322091	-3.10471	0.319187	0.606663	-1.64836	0.71487	0.836836	-1.19498	0.0106563	0.210397	-4.75291	0.744178	0.853022	-1.1723	0.925758	0.95576	-1.04629	0.19523	0.514221	-1.94469	0.0736001	0.379712	-2.63357	2.35055	8.77432	3.31812	1
cg14152948	PHLPP1	0.121488	0.0177623	0.68178	-1.46675	0.667859	0.944251	-1.05904	0.021889	0.693853	-1.44123	0.546931	0.922189	-1.08438	0.578387	0.928113	-1.07746	0.250787	0.852601	-1.17288	0.223233	1.18538	1.18538	0.180232	0.8277	-1.20817	0.278486	0.860927	-1.16154	2.35054	0.657398	0.248604	1
cg22811668	MKNK2;MKNK2	0.121497	0.820597	0.925394	-1.08062	0.0180379	2.66608	2.66608	0.0647704	2.03	2.03	0.734258	0.8902	-1.12334	0.0569832	0.479398	-2.08595	0.514422	1.25317	1.25317	0.797768	0.916083	-1.0916	0.529371	1.24297	1.24297	0.75406	0.898274	-1.11325	2.35047	4.33759	1.64037	1
cg14034870	SFTA2	0.121498	0.834569	1.04064	1.04064	0.0643819	0.673114	-1.48563	0.0925997	0.702885	-1.42271	0.636705	1.09486	1.09486	0.424456	0.856084	-1.16811	0.589514	1.10934	1.10934	0.170886	1.32018	1.32018	0.026703	0.606436	-1.64898	0.188588	0.766929	-1.3039	2.35045	1.35085	0.510861	1
cg22956015	MSL1	0.121501	0.340273	0.867633	-1.15256	0.818525	1.03376	1.03376	0.164241	1.23914	1.23914	0.676833	0.941241	-1.06243	0.1738	1.23251	1.23251	0.222169	0.830806	-1.20365	0.0115682	0.633711	-1.57801	0.914526	0.984608	-1.01563	0.344014	1.15122	1.15122	2.35043	0.776993	0.293844	1
cg11364256	GLI3	0.121502	0.198644	0.598463	-1.67095	0.353767	0.697269	-1.43417	0.108284	1.93896	1.93896	0.447342	1.34004	1.34004	0.344657	0.692205	-1.44466	0.0370284	0.400424	-2.49735	0.0755063	2.11235	2.11235	0.964456	0.983299	-1.01698	0.400752	1.38412	1.38412	2.35042	5.31719	2.01087	1
cg07900715	RASIP1	0.121504	0.454645	0.82207	-1.21644	0.848459	1.05045	1.05045	0.567452	0.861837	-1.16031	0.808722	0.939514	-1.06438	0.00422723	0.37333	-2.6786	0.211967	1.40249	1.40249	0.459825	1.21362	1.21362	0.6167	0.878248	-1.13863	0.379646	0.793058	-1.26094	2.35041	2.4637	0.931736	1
cg04146573	ANO1;ANO1	0.121504	0.742489	0.846647	-1.18113	0.826414	0.895032	-1.11728	0.165227	2.11147	2.11147	0.150118	2.17916	2.17916	0.0163605	0.227226	-4.4009	0.202868	1.97142	1.97142	0.177622	2.06138	2.06138	0.273334	1.77819	1.77819	0.61516	1.29167	1.29167	2.3504	9.48998	3.58897	1
cg26625369	NUDT5;CDC123;NUDT5	0.12151	0.274876	0.832958	-1.20054	0.0207699	1.5649	1.5649	0.656938	0.930608	-1.07457	0.970381	1.00599	1.00599	0.914096	1.01751	1.01751	0.0602005	0.711035	-1.4064	0.0763104	0.728136	-1.37337	0.542459	0.905566	-1.10428	0.355109	0.858091	-1.16538	2.35035	0.963511	0.364395	1
cg22010900	CXorf42	0.121512	0.0413123	0.187033	-5.34666	0.873296	1.12039	1.12039	0.375468	0.523137	-1.91154	0.202667	2.60656	2.60656	0.179576	2.76036	2.76036	0.0366739	0.177425	-5.63619	0.136249	0.318699	-3.13776	0.441848	0.572007	-1.74823	0.509925	0.621187	-1.60982	2.35034	18.8867	7.14288	1
cg24431349	TOP3A;SMCR8	0.121517	0.280349	0.85633	-1.16777	0.193198	1.20963	1.20963	0.687237	1.05753	1.05753	0.378353	0.882565	-1.13306	0.720814	1.05085	1.05085	0.677283	0.943795	-1.05955	0.00811303	0.625948	-1.59758	0.169882	1.22394	1.22394	0.833202	1.02958	1.02958	2.35029	0.711095	0.268939	1
cg09875150	FZD9	0.121518	0.064204	0.19202	-5.20779	0.918175	0.921699	-1.08495	0.918858	0.922329	-1.08421	0.438208	0.533967	-1.87277	0.0371283	0.146585	-6.82198	0.424313	0.523384	-1.91064	0.031877	0.135946	-7.35586	0.0341807	0.140718	-7.10641	0.0842318	0.219656	-4.55258	2.35028	23.4351	8.86327	1
cg15630162	SNX2	0.121519	0.0996158	1.3872	1.3872	0.29243	1.21906	1.21906	0.117426	0.734633	-1.36122	0.526551	0.89015	-1.12341	0.706689	0.933741	-1.07096	0.0273454	1.60551	1.60551	0.0642825	1.45791	1.45791	0.440579	1.1533	1.1533	0.992138	0.998215	-1.00179	2.35027	1.22414	0.462978	1
cg23802518	ZMIZ1;LOC283050;LOC283050;LOC283050	0.121523	0.684708	1.07	1.07	0.405562	1.15146	1.15146	0.0450118	0.683009	-1.46411	0.458341	1.13332	1.13332	0.423638	0.87333	-1.14504	0.470613	1.12935	1.12935	0.01052	0.586534	-1.70493	0.898709	0.979114	-1.02133	0.692791	1.06802	1.06802	2.35024	1.02245	0.386705	1
cg19286687	DES	0.121525	0.0339365	0.241776	-4.13606	0.0370161	0.249388	-4.00981	0.0409709	0.258578	-3.86731	0.362241	0.584501	-1.71086	0.101281	0.357401	-2.79798	0.416832	0.621375	-1.60933	0.0568709	0.290607	-3.44107	0.231804	0.487178	-2.05264	0.0757333	0.321899	-3.10656	2.35022	12.2392	4.62906	1
cg13565300	GDF10	0.121526	0.494748	0.837269	-1.19436	0.85843	0.955292	-1.0468	0.0122135	0.4494	-2.22519	0.393808	1.25077	1.25077	0.958543	1.01341	1.01341	0.1617	1.46639	1.46639	0.0650278	1.70016	1.70016	0.819438	0.943111	-1.06032	0.577047	1.15527	1.15527	2.35021	2.44265	0.923849	1
cg09532267	HTA	0.121527	0.33149	0.614542	-1.62723	0.0970115	2.42326	2.42326	0.587664	1.30478	1.30478	0.670529	0.81225	-1.23115	0.274649	0.57561	-1.73729	0.62465	1.27076	1.27076	0.0191403	0.25216	-3.96573	0.417706	0.668691	-1.49546	0.0602125	0.357011	-2.80104	2.3502	8.78926	3.32425	1
cg05633225	ZNF525	0.121527	0.451116	0.736473	-1.35782	0.00670865	0.246415	-4.0582	0.937132	0.969062	-1.03193	0.508091	0.765302	-1.30667	0.629321	0.823851	-1.21381	0.484457	0.753479	-1.32718	0.0591811	2.33665	2.33665	0.614967	0.817051	-1.22391	0.481351	0.751912	-1.32994	2.3502	5.90776	2.23442	1
cg25559100	CSNK2A1;CSNK2A1;CSNK2A1	0.121528	0.254662	1.14412	1.14412	0.0639332	1.26582	1.26582	0.728642	0.961342	-1.04021	0.868286	0.981387	-1.01897	0.0117775	1.42776	1.42776	0.467053	0.919639	-1.08738	0.945635	1.00775	1.00775	0.06215	1.26834	1.26834	0.340231	1.11769	1.11769	2.3502	0.476965	0.180397	1
cg22578027	C7orf20	0.121529	0.398854	0.706176	-1.41608	0.0568833	0.419808	-2.38204	0.386757	0.699532	-1.42953	0.277292	0.634392	-1.57631	0.119713	0.50663	-1.97383	0.272499	0.631268	-1.58411	0.00563112	0.231402	-4.32148	0.709364	1.16276	1.16276	0.278254	0.635016	-1.57476	2.35018	6.0383	2.28381	1
cg13935079	KDM4C;KDM4C	0.121529	0.0944451	0.35012	-2.85617	0.0297485	0.232159	-4.30739	0.133417	0.396858	-2.51979	0.556914	0.712363	-1.40378	0.0393854	0.256518	-3.89836	0.215405	0.475022	-2.10516	0.0337131	0.242734	-4.11974	0.683643	1.26351	1.26351	0.858209	0.902949	-1.10748	2.35018	12.1306	4.58805	1
cg26187031	DPYSL2	0.121532	0.428279	0.750241	-1.3329	0.0126941	3.00599	3.00599	0.566203	1.22881	1.22881	0.635966	0.844146	-1.18463	0.441194	1.32191	1.32191	0.79232	1.0983	1.0983	0.512071	0.789563	-1.26652	0.0207464	2.68941	2.68941	0.669897	1.16459	1.16459	2.35016	4.69962	1.77751	1
cg08810664	ODZ3	0.121534	0.516392	0.85278	-1.17264	0.361023	0.796702	-1.25517	0.344062	0.789856	-1.26605	0.737148	0.921702	-1.08495	0.0961316	0.64258	-1.55623	0.00850675	0.443594	-2.25431	0.199536	1.38828	1.38828	0.468566	1.19542	1.19542	0.647116	1.11802	1.11802	2.35014	2.18058	0.824755	1
cg01034363	GCHFR	0.121537	0.817024	1.03105	1.03105	0.016289	1.47341	1.47341	0.791537	1.03557	1.03557	0.727524	0.954898	-1.04723	0.153861	0.817556	-1.22316	0.906751	1.01558	1.01558	0.306093	0.869524	-1.15005	0.209896	0.840005	-1.19047	0.0669716	0.762673	-1.31118	2.35012	0.647934	0.245069	1
cg20634227	ADM2	0.121542	0.130763	0.439315	-2.27627	0.45688	0.682541	-1.46511	0.74404	1.17957	1.17957	0.709492	0.828089	-1.2076	0.119432	0.426664	-2.34376	0.16082	0.469982	-2.12774	0.00852594	0.184136	-5.43077	0.0423949	0.307804	-3.24882	0.334604	0.605554	-1.65138	2.35007	9.45736	3.57714	1
cg03911502	CRMP1;CRMP1	0.121542	0.2187	0.775549	-1.28941	0.925854	0.981877	-1.01846	0.206259	1.29946	1.29946	0.439892	0.85661	-1.16739	0.0877351	0.690523	-1.44818	0.179471	0.755667	-1.32333	0.0305882	1.6474	1.6474	0.91839	1.02034	1.02034	0.209023	1.29717	1.29717	2.35007	1.43689	0.543488	1
cg11399409	GBA;GBA;GBA;GBA;GBA	0.121542	0.31771	0.479198	-2.08682	0.0177264	0.128215	-7.79941	0.190066	0.37213	-2.68723	0.733261	0.783763	-1.2759	0.204604	0.385412	-2.59462	0.0338948	0.171347	-5.83613	0.0757774	0.244699	-4.08666	0.260106	0.433143	-2.30871	0.0382218	0.180718	-5.53348	2.35007	18.8828	7.14223	1
cg03607054	C2orf44;C2orf44	0.121543	0.541403	0.8986	-1.11284	0.0982185	0.730761	-1.36844	0.214039	0.797515	-1.25389	0.647273	1.08293	1.08293	0.057617	1.44964	1.44964	0.850352	0.967862	-1.0332	0.143102	1.31281	1.31281	0.0430693	0.6686	-1.49566	0.915328	0.981775	-1.01856	2.35007	1.11325	0.421077	1
cg18666930	COLEC11;COLEC11	0.121543	0.127233	2.41756	2.41756	0.241488	0.518811	-1.92749	0.633938	0.77355	-1.29274	0.0749463	2.89073	2.89073	0.175845	0.462845	-2.16055	0.564764	0.732317	-1.36553	0.183615	2.12777	2.12777	0.0509046	3.28812	3.28812	0.25929	1.87741	1.87741	2.35006	10.6624	4.03295	1
cg26153483	NCOA1;NCOA1;NCOA1	0.121545	0.271598	0.467931	-2.13707	0.377907	0.548623	-1.82275	0.0266771	0.175055	-5.7125	0.241602	0.44337	-2.25545	0.0401137	0.207234	-4.82547	0.288231	0.481129	-2.07844	0.119159	0.325556	-3.07167	0.240285	2.26108	2.26108	?	?	?	2.37267	14.7079	6.19889	1
cg08732879	RND2	0.121545	0.551459	0.744511	-1.34316	0.112723	2.32883	2.32883	0.346287	1.60784	1.60784	0.623881	1.27378	1.27378	0.00906862	0.197163	-5.07194	0.74034	1.17685	1.17685	0.406375	0.659746	-1.51573	0.291598	1.70883	1.70883	0.554313	0.746122	-1.34026	2.35004	8.92311	3.37511	1
cg24431515	ATHL1	0.121546	0.634217	0.885242	-1.12963	0.119697	1.53625	1.53625	0.869617	0.959084	-1.04266	0.237606	1.36973	1.36973	0.711652	0.909904	-1.09902	0.926088	1.02388	1.02388	0.683855	1.10973	1.10973	0.0534579	0.572454	-1.74686	0.0167568	0.475947	-2.10108	2.35004	2.40696	0.91042	1
cg19431891	KIAA0947	0.121546	0.624869	1.26854	1.26854	0.236069	0.549184	-1.82088	0.87123	1.08145	1.08145	0.488859	1.40409	1.40409	0.0198222	0.257222	-3.88769	0.578207	1.31142	1.31142	0.589582	1.30067	1.30067	0.923066	1.04773	1.04773	0.0249474	3.62525	3.62525	2.35004	8.67184	3.28008	1
cg21472542	EHMT2;EHMT2	0.121556	0.0328875	2.48816	2.48816	0.476704	1.30253	1.30253	0.621074	1.19963	1.19963	0.183644	1.6741	1.6741	0.0410252	0.422612	-2.36624	0.303813	0.677715	-1.47555	0.991353	1.00397	1.00397	0.118387	1.85757	1.85757	0.768307	1.11394	1.11394	2.34995	4.96596	1.87842	1
cg06626184	LHX2	0.121558	0.0950084	0.326201	-3.06559	0.927878	0.94622	-1.05684	0.0400495	0.234827	-4.25846	0.852273	1.12056	1.12056	0.68845	1.27904	1.27904	0.659861	0.763048	-1.31053	0.0193436	0.177801	-5.62426	0.841116	1.13039	1.13039	0.0508991	0.257174	-3.88841	2.34994	13.8765	5.24895	1
cg13654962	LOC100129034;PSMB7	0.121558	0.254284	0.58219	-1.71765	0.799704	0.890885	-1.12248	0.827593	1.1042	1.1042	0.895502	1.06154	1.06154	0.00586843	0.194242	-5.14821	0.269489	0.592995	-1.68636	0.0531798	0.368508	-2.71365	0.821786	0.902557	-1.10796	0.138524	0.484476	-2.06409	2.34993	7.68585	2.90727	1
cg24884190	S100A13;C1orf77;S100A13	0.121558	0.0420789	2.52274	2.52274	0.327288	1.49112	1.49112	0.541454	0.783321	-1.27662	0.587368	1.24168	1.24168	0.213589	1.6777	1.6777	0.030762	2.72474	2.72474	0.161136	0.553614	-1.80631	0.278629	0.640787	-1.56058	0.8244	0.915944	-1.09177	2.34993	5.80925	2.19742	1
cg12483876	MMP24	0.121562	0.0259634	0.153179	-6.52831	0.327701	2.04857	2.04857	0.326699	0.487373	-2.05182	0.0410329	5.33128	5.33128	0.654875	0.726616	-1.37624	0.0928808	0.269118	-3.71488	0.775276	0.816143	-1.22528	0.887633	1.10556	1.10556	0.81247	0.844766	-1.18376	2.3499	18.7511	7.09292	1
cg03760490	GJB3	0.121567	0.043721	0.166367	-6.01079	0.0872159	0.232025	-4.30987	0.0437837	0.166482	-6.00665	0.275194	0.415513	-2.40666	0.0384316	0.156368	-6.39515	0.255424	0.39911	-2.50557	0.0573291	0.189499	-5.27708	0.0542008	0.184457	-5.42132	0.371802	0.491943	-2.03276	2.34986	22.2737	8.42556	1
cg12834709	RCOR1	0.121567	0.0248708	0.427922	-2.33688	0.268191	0.693066	-1.44286	0.501679	1.24206	1.24206	0.0130854	0.375904	-2.66025	0.381233	0.751638	-1.33043	0.629444	1.16714	1.16714	0.785688	1.09051	1.09051	0.244891	0.679303	-1.4721	0.345394	0.734235	-1.36196	2.34985	3.76093	1.42267	1
cg01802295	SSU72;C1orf70	0.121568	0.0621546	0.714859	-1.39888	0.0908638	1.34683	1.34683	0.41164	1.14362	1.14362	0.419398	1.14097	1.14097	0.057336	0.709149	-1.41014	0.976777	1.00466	1.00466	0.623582	1.08228	1.08228	0.497663	1.11634	1.11634	0.0946347	0.745526	-1.34134	2.34985	0.950987	0.359735	1
cg25096582	CFL2;CFL2;CFL2;CFL2;CFL2;CFL2	0.121571	0.314131	1.07053	1.07053	0.226433	0.920215	-1.0867	0.223304	1.08738	1.08738	0.804456	0.983891	-1.01637	0.527587	0.958965	-1.04279	0.0237523	1.19327	1.19327	0.738841	1.02215	1.02215	0.253049	1.08129	1.08129	0.0592073	0.869837	-1.14964	2.34982	0.159505	0.0603375	1
cg22305921	POLR2J3	0.121574	0.0533682	1.54365	1.54365	0.851325	1.03782	1.03782	0.0966395	1.4345	1.4345	0.141267	0.731268	-1.36749	0.0624961	0.660512	-1.51398	0.749997	0.938715	-1.06529	0.124729	0.71979	-1.38929	0.831334	0.958682	-1.0431	0.881527	1.02994	1.02994	2.34979	1.45647	0.55096	1
cg11282718	CHCHD4;TMEM43;CHCHD4	0.121575	0.0728561	0.648237	-1.54265	0.444093	1.18416	1.18416	0.0296279	1.7415	1.7415	0.812041	1.05296	1.05296	0.474362	1.17073	1.17073	0.379349	0.822519	-1.21578	0.302697	1.26024	1.26024	0.0713885	0.646457	-1.54689	0.69267	1.08987	1.08987	2.34978	1.74676	0.660776	1
cg12622182	POU3F1	0.121577	0.789786	0.911505	-1.09709	0.066699	0.490183	-2.04006	0.200685	0.625815	-1.59792	0.900843	1.04418	1.04418	0.121964	0.559152	-1.78842	0.393917	1.35369	1.35369	0.026792	0.402609	-2.4838	0.0764473	0.504859	-1.98075	0.347173	1.3989	1.3989	2.34977	4.4755	1.69303	1
cg19133466	SNX29	0.121577	0.597114	1.07306	1.07306	0.0760289	0.770292	-1.29821	0.118646	0.799377	-1.25097	0.062326	0.757785	-1.31964	0.0694059	0.764524	-1.308	0.181209	1.2064	1.2064	0.405547	1.11906	1.11906	0.197093	0.835054	-1.19753	0.513121	0.916059	-1.09163	2.34976	0.650304	0.246003	1
cg21422024	YTHDF3	0.121578	0.156772	1.22328	1.22328	0.368606	1.13075	1.13075	0.108882	0.792412	-1.26197	0.356067	0.881334	-1.13464	0.529515	1.08846	1.08846	0.285662	1.159	1.159	0.0232962	0.697134	-1.43445	0.60889	0.933634	-1.07108	0.174478	0.825131	-1.21193	2.34975	0.65898	0.249286	1
cg26833883	FLAD1;LENEP;FLAD1	0.121581	0.0879708	0.437214	-2.28721	0.939167	0.967021	-1.0341	0.341566	0.650129	-1.53816	0.106384	0.460838	-2.16996	0.140014	0.497761	-2.009	0.227604	0.573216	-1.74454	0.00950403	0.236094	-4.23559	0.66576	1.2104	1.2104	0.0881219	0.437421	-2.28613	2.34974	7.18415	2.71772	1
cg20340720	C10orf26	0.121589	0.583267	0.917194	-1.09028	0.847396	0.97039	-1.03051	0.00562396	0.567203	-1.76304	0.555314	0.911128	-1.09754	0.914779	0.983439	-1.01684	0.250939	1.2058	1.2058	0.720668	1.05761	1.05761	0.415895	1.13852	1.13852	0.125425	0.772028	-1.29529	2.34966	0.90572	0.342638	1
cg24880387	TRUB1	0.12159	0.19946	0.68208	-1.4661	0.484369	0.818269	-1.22209	0.674458	1.12663	1.12663	0.0168902	0.439303	-2.27633	0.683259	0.890671	-1.12275	0.453244	0.806026	-1.24065	0.668763	1.12916	1.12916	0.0502245	1.87765	1.87765	0.298084	1.35584	1.35584	2.34965	2.9642	1.12138	1
cg10639981	MYH14;MYH14;MYH14	0.121591	0.144618	3.02815	3.02815	0.143205	3.04177	3.04177	0.0815489	3.9159	3.9159	0.0597356	4.49183	4.49183	0.195238	2.63447	2.63447	0.530333	0.637964	-1.56749	0.849223	0.874087	-1.14405	0.0192855	7.3989	7.3989	0.132027	3.15645	3.15645	2.34964	18.6059	7.03876	1
cg18442075	DNAJC7;DNAJC7;DNAJC7;DNAJC7;NKIRAS2	0.121592	0.128798	0.447667	-2.2338	0.0280891	3.56098	3.56098	0.528749	0.73164	-1.36679	0.26081	0.563141	-1.77575	0.683393	0.818102	-1.22234	0.0655291	2.7512	2.7512	0.322262	0.606143	-1.64978	0.360011	1.5853	1.5853	0.585444	0.763625	-1.30954	2.34963	8.92105	3.37492	1
cg11194725	CBX1;CBX1;CBX1	0.121593	?	?	?	0.882139	0.965117	-1.03614	0.509131	1.17385	1.17385	0.692707	0.909317	-1.09973	0.019989	1.95811	1.95811	0.228703	1.35303	1.35303	0.0490156	0.583983	-1.71238	0.390902	1.23417	1.23417	0.533355	0.859856	-1.16299	2.37224	1.91298	0.806402	1
cg24876786	ZFR2;ZFR2;ZFR2	0.121596	0.62816	1.85156	1.85156	0.617891	0.530041	-1.88665	0.0789453	11.7328	11.7328	?	?	?	0.787162	0.710635	-1.40719	0.708984	1.60517	1.60517	0.595579	1.96632	1.96632	0.0101513	59.8992	59.8992	0.0617463	14.2354	14.2354	2.37221	53.2088	22.43	1
cg18113637	NSUN6	0.121599	0.0413548	0.664393	-1.50513	0.817184	0.96056	-1.04106	0.0149419	0.59449	-1.68212	0.870658	0.97208	-1.02872	0.336062	0.841667	-1.18812	0.127986	0.7513	-1.33103	0.109367	0.738335	-1.3544	0.0678592	0.700889	-1.42676	0.101646	0.732415	-1.36535	2.34957	1.1237	0.425118	1
cg23386236	CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3	0.121599	0.355995	1.48998	1.48998	0.989215	1.00569	1.00569	0.168339	1.85257	1.85257	0.211333	1.7386	1.7386	0.88813	1.0609	1.0609	0.190726	1.78949	1.78949	0.0101022	3.90848	3.90848	0.0183958	3.32457	3.32457	0.664898	1.20087	1.20087	2.34957	6.56446	2.48346	1
cg21558409	WNK4	0.121601	0.410974	0.922456	-1.08406	0.17989	0.872195	-1.14653	0.0781567	0.828705	-1.2067	0.383763	0.91783	-1.08953	0.00753189	0.718818	-1.39117	0.314054	0.904874	-1.10513	0.207683	0.88025	-1.13604	0.272706	1.11583	1.11583	0.876308	0.985157	-1.01507	2.34956	0.342989	0.12976	1
cg05158219	DHRS13	0.121601	0.426024	0.885052	-1.12988	0.127622	1.28079	1.28079	0.769913	0.956896	-1.04505	0.00803805	1.6655	1.6655	0.260687	0.838421	-1.19272	0.508111	0.90406	-1.10612	0.497598	0.901722	-1.10899	0.363996	1.15044	1.15044	0.738235	1.05168	1.05168	2.34955	0.839803	0.317716	1
cg16327974	NPHP4	0.121604	0.540552	0.784625	-1.27449	0.073746	0.458229	-2.18232	0.150928	0.547385	-1.82687	0.117571	0.514048	-1.94534	0.392742	0.709804	-1.40884	0.285024	0.64743	-1.54457	0.0300027	2.7166	2.7166	0.509658	0.769623	-1.29934	0.145958	0.542754	-1.84246	2.34953	5.70329	2.15771	1
cg09861346	GPRIN1	0.121605	0.271066	0.851136	-1.1749	0.584868	0.925335	-1.08069	0.56567	1.08511	1.08511	0.169561	1.22855	1.22855	0.384274	1.1337	1.1337	0.025333	0.687993	-1.4535	0.0940213	0.771826	-1.29563	0.277213	1.1723	1.1723	0.272259	1.17439	1.17439	2.34952	0.736311	0.278567	1
cg04121368	PPAPDC1A	0.121607	0.956091	0.976608	-1.02395	0.799876	0.89655	-1.11539	0.682773	0.838081	-1.1932	0.502889	1.33948	1.33948	0.137245	0.502529	-1.98993	0.386167	1.46505	1.46505	0.00623753	4.62948	4.62948	0.164383	1.89224	1.89224	0.746889	1.14936	1.14936	2.3495	6.87649	2.60159	1
cg13366849	DNM2;DNM2;DNM2;DNM2	0.121608	0.0872509	2.19913	2.19913	0.0507083	2.53251	2.53251	0.0377946	2.73303	2.73303	0.530427	1.30375	1.30375	0.811873	1.10464	1.10464	0.444011	0.722019	-1.38501	0.95799	1.02223	1.02223	0.0309624	2.87842	2.87842	0.138695	1.94499	1.94499	2.3495	6.48215	2.4524	1
cg11430259	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.121609	0.502098	0.426321	-2.34565	0.00578659	0.0108366	-92.2795	0.0340951	0.0452715	-22.089	0.511543	2.30085	2.30085	0.973763	0.959674	-1.04202	0.775377	0.699033	-1.43055	0.828036	0.761653	-1.31293	0.885174	0.83456	-1.19824	0.840567	1.28671	1.28671	2.34949	58.2855	22.0513	1
cg10324640	CDK3	0.121609	0.436376	1.20516	1.20516	0.68564	0.908794	-1.10036	0.930527	1.0207	1.0207	0.125835	0.677549	-1.47591	0.0390688	1.75292	1.75292	0.661789	0.901723	-1.10899	0.0165073	1.99049	1.99049	0.924916	1.0224	1.0224	0.298721	1.28806	1.28806	2.34949	2.05521	0.777556	1
cg03068866	PUS7L;PUS7L;IRAK4;IRAK4;PUS7L;PUS7L;IRAK4;IRAK4;IRAK4	0.121611	0.0465801	0.558172	-1.79156	0.499737	0.839224	-1.19158	0.116945	1.54611	1.54611	0.295	0.757401	-1.3203	0.0220376	0.495299	-2.01898	0.36342	0.787435	-1.26995	0.198797	0.706516	-1.4154	0.830554	1.05636	1.05636	0.1942	0.703698	-1.42106	2.34947	2.4357	0.921515	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06726860	FGF8;FGF8;FGF8;FGF8	0.121611	0.367438	1.99463	1.99463	0.00516843	15.6961	15.6961	0.0784532	4.29635	4.29635	0.559738	1.55245	1.55245	0.570047	1.53432	1.53432	0.480745	1.70663	1.70663	0.185255	2.85109	2.85109	0.142475	3.24058	3.24058	0.532108	0.623777	-1.60314	2.34947	20.6955	7.82986	1
cg08394896	FBXL18	0.121615	0.135216	0.634435	-1.5762	0.544405	0.840831	-1.1893	0.746901	0.91256	-1.09582	0.132165	0.631812	-1.58275	0.0100579	0.399351	-2.50407	0.306942	0.741656	-1.34833	0.195722	0.679331	-1.47204	0.327711	0.751648	-1.33041	0.0193106	0.449528	-2.22455	2.34943	2.97115	1.12411	1
cg15604357	VANGL2	0.121617	0.870212	1.07185	1.07185	0.0628265	2.4308	2.4308	0.810709	0.903193	-1.10718	0.158559	0.527534	-1.89561	0.415332	0.702368	-1.42375	0.0257859	0.325164	-3.07537	0.311108	0.641021	-1.56001	0.199979	1.77628	1.77628	0.271015	0.614908	-1.62626	2.34942	6.7001	2.53494	1
cg21767657	BEYLA;BEYLA	0.121618	0.036031	0.209681	-4.76914	0.0477868	0.234624	-4.26214	0.107689	0.324795	-3.07887	0.623266	0.72821	-1.37323	0.0400561	0.218716	-4.57214	0.090225	0.302385	-3.30704	0.698008	0.778977	-1.28373	0.0470399	0.233159	-4.28893	0.182633	0.404142	-2.47437	2.34941	15.2692	5.77703	1
cg05618150	PRKY	0.121618	0.161859	0.243931	-4.09951	0.920426	0.909935	-1.09898	0.922499	0.912184	-1.09627	0.342208	0.396788	-2.52024	0.325986	0.383693	-2.60625	0.449186	0.482667	-2.07182	0.805387	1.26259	1.26259	0.00679531	27.4643	27.4643	0.375516	0.423557	-2.36096	2.34941	33.1971	12.56	1
cg25172243	MCF2;MCF2;MCF2	0.121619	0.528673	0.650059	-1.53832	0.00374145	0.0712604	-14.033	0.40087	0.559784	-1.7864	0.548068	1.507	1.507	0.603105	0.701913	-1.42468	0.16871	0.371741	-2.69004	0.269302	0.46013	-2.1733	0.623587	0.716222	-1.39621	0.523551	1.54682	1.54682	2.3494	16.941	6.40955	1
cg17965019	HIST1H3J	0.12162	0.150942	0.750615	-1.33224	0.609985	0.908573	-1.10063	0.619584	0.910946	-1.09776	0.192779	0.773448	-1.29291	0.197897	0.775972	-1.28871	0.296437	1.22356	1.22356	0.0535394	0.664552	-1.50477	0.0395937	1.55826	1.55826	0.332667	0.830063	-1.20473	2.34939	1.29247	0.489003	1
cg27212359	FRAT2	0.121621	?	?	?	0.450443	2.13173	2.13173	0.461997	2.08978	2.08978	0.906316	1.12287	1.12287	?	?	?	?	?	?	0.870619	1.17404	1.17404	0.00839856	0.0363712	-27.4943	0.883512	0.865615	-1.15525	2.43504	24.9113	13.6404	1
cg12688320	VPS16;PTPRA;VPS16	0.121625	0.837312	0.969364	-1.0316	0.00951141	1.64399	1.64399	0.437854	1.12723	1.12723	0.452428	0.890613	-1.12282	0.571902	1.09029	1.09029	0.350634	0.86469	-1.15648	0.0480481	1.40774	1.40774	0.624189	0.927997	-1.07759	0.692055	0.941533	-1.0621	2.34934	0.852171	0.322424	1
cg22584335	ZNF512	0.121627	0.142228	0.707433	-1.41356	0.248324	1.30311	1.30311	0.412745	1.20167	1.20167	0.73184	1.07838	1.07838	0.981609	1.00507	1.00507	0.021916	0.547048	-1.82799	0.0749538	0.647213	-1.54509	0.135589	0.702667	-1.42315	0.549988	1.14189	1.14189	2.34933	1.79076	0.677548	1
cg12182525	ASB5	0.121629	0.160022	0.368851	-2.71112	0.0311663	0.186328	-5.36689	0.548936	0.668359	-1.4962	0.324296	0.508491	-1.9666	0.0500275	0.226561	-4.41382	0.474685	0.616917	-1.62096	0.00863754	0.108117	-9.24925	0.579565	0.689487	-1.45035	0.432856	0.587561	-1.70195	2.34932	16.4244	6.21435	1
cg14496574	AMFR	0.121629	0.141999	0.703728	-1.421	0.0351618	0.579187	-1.72656	0.806308	0.946793	-1.0562	0.0179468	0.527251	-1.89663	0.680771	0.912041	-1.09644	0.37395	1.22522	1.22522	0.681889	1.09606	1.09606	0.346599	1.24075	1.24075	0.299038	0.786977	-1.27068	2.34931	1.84306	0.697343	1
cg19813135	TNFAIP3	0.121629	0.97042	0.974811	-1.02584	0.0212491	6.72056	6.72056	0.135068	3.02938	3.02938	0.718352	0.779436	-1.28298	0.0272968	0.165804	-6.03121	0.552434	0.661321	-1.51213	0.941079	1.05217	1.05217	0.653182	1.36505	1.36505	0.713836	0.776158	-1.2884	2.34931	17.6125	6.6639	1
cg09231295	DAB1	0.121634	0.9012	1.02554	1.02554	0.577664	1.12098	1.12098	0.31488	1.23493	1.23493	0.455416	0.856964	-1.16691	0.313459	1.23575	1.23575	0.0260841	1.70929	1.70929	0.149048	1.36913	1.36913	0.034373	0.605871	-1.65052	0.846778	0.961483	-1.04006	2.34927	1.53385	0.58036	1
cg17206029	PDZD11;KIF4A	0.121634	0.130276	0.292105	-3.42342	0.0181275	0.115209	-8.67989	0.665262	1.38793	1.38793	0.0381854	6.10591	6.10591	0.627895	0.692243	-1.44458	0.362514	0.494203	-2.02346	0.597597	1.49355	1.49355	0.850065	0.867176	-1.15317	0.985587	0.986488	-1.0137	2.34927	21.1008	7.98387	1
cg13632955	SNX13	0.121634	0.0706447	0.753304	-1.32749	0.0444421	1.38221	1.38221	0.169467	1.22782	1.22782	0.141169	0.800983	-1.24847	0.437634	1.11743	1.11743	0.824634	1.03161	1.03161	0.444002	0.896342	-1.11565	0.945802	0.990512	-1.00958	0.125346	1.26191	1.26191	2.34927	0.731663	0.276839	1
cg09052548	CUGBP2	0.121636	0.0792418	0.287107	-3.48302	0.995661	0.996523	-1.00349	0.925064	0.941527	-1.0621	0.668171	0.758673	-1.31809	0.192693	0.413543	-2.41813	0.0422171	0.223409	-4.4761	0.0347851	0.206829	-4.83491	0.0179013	0.158349	-6.31517	0.478613	0.630434	-1.58621	2.34925	15.2617	5.77459	1
cg17367356	MAPK8IP1	0.121637	0.12775	1.33438	1.33438	0.012775	1.71923	1.71923	0.024182	1.60133	1.60133	0.661131	1.08034	1.08034	0.553269	0.900269	-1.11078	0.724955	1.06384	1.06384	0.62227	0.91669	-1.09088	0.445834	1.14584	1.14584	0.249246	1.23486	1.23486	2.34925	1.14177	0.432013	1
cg23834117	MAGED2;MAGED2;MAGED2	0.121639	0.251561	0.717934	-1.39288	0.0184783	0.453624	-2.20447	0.119716	0.626861	-1.59525	0.790192	1.07656	1.07656	0.240324	0.711704	-1.40508	0.159383	0.659678	-1.51589	0.185402	0.678076	-1.47476	0.372639	1.28815	1.28815	0.205446	1.44708	1.44708	2.34923	2.84743	1.0774	1
cg02923224	FHIT;FHIT	0.121639	0.403831	0.668452	-1.49599	0.130845	0.46337	-2.1581	0.0807885	2.49188	2.49188	0.820411	0.898331	-1.11318	0.0386014	0.323143	-3.09461	0.655167	1.23609	1.23609	0.225266	0.548522	-1.82308	0.257606	1.74552	1.74552	0.119667	0.451059	-2.21701	2.34922	8.27226	3.13002	1
cg12483860	TNIP1;TNIP1	0.121639	0.141981	0.812534	-1.23072	0.809352	0.968718	-1.03229	0.274745	1.16116	1.16116	0.494015	1.09563	1.09563	0.213739	1.18785	1.18785	0.455468	1.10512	1.10512	0.0275992	0.709977	-1.4085	0.615753	1.0688	1.0688	0.0609422	1.32012	1.32012	2.34922	0.643291	0.243406	1
cg10256976	NAV2;NAV2;NAV2;NAV2	0.12164	0.0604381	0.464606	-2.15236	0.9031	0.956862	-1.04508	0.163581	0.583746	-1.71307	0.714912	0.875625	-1.14204	0.0475201	0.440149	-2.27196	0.467704	0.765264	-1.30674	0.117218	0.540054	-1.85167	0.344438	1.42273	1.42273	0.0206876	0.364702	-2.74197	2.34921	4.87703	1.84536	1
cg22485938	ARHGAP26;ARHGAP26	0.121643	0.578928	0.894671	-1.11773	0.019908	1.74711	1.74711	0.870381	0.968097	-1.03295	0.90335	0.976169	-1.02441	0.116217	0.712527	-1.40346	0.254649	0.789663	-1.26636	0.0640279	1.51172	1.51172	0.362487	1.20422	1.20422	0.476646	1.15452	1.15452	2.34919	1.46665	0.554951	1
cg01860378	FIBCD1;FIBCD1	0.121646	0.019766	0.199954	-5.00115	0.717966	1.2305	1.2305	0.887055	0.921945	-1.08466	0.44815	0.642711	-1.55591	0.0646284	0.305152	-3.27706	0.887594	0.922306	-1.08424	0.277817	0.524466	-1.9067	0.0149102	0.180472	-5.54102	0.329176	0.562201	-1.77872	2.34917	12.1671	4.60384	1
cg13928759	LGI1	0.121649	0.261021	0.536125	-1.86524	0.0739727	2.8836	2.8836	0.157235	2.23536	2.23536	0.441462	0.658749	-1.51803	0.166402	0.456251	-2.19178	0.508018	0.699691	-1.4292	0.0245394	0.240643	-4.15554	0.37553	0.616525	-1.62199	0.952692	0.968941	-1.03205	2.34913	10.5219	3.98138	1
cg00445824	ISYNA1;ISYNA1;ISYNA1;ISYNA1;ISYNA1	0.121654	0.866322	1.02883	1.02883	0.0102446	0.57929	-1.72625	0.025456	0.638925	-1.56513	0.281248	0.827854	-1.20794	0.180912	0.786913	-1.27079	0.715684	1.06365	1.06365	0.232329	0.809536	-1.23528	0.834217	1.03599	1.03599	0.648366	0.925471	-1.08053	2.3491	1.05872	0.400617	1
cg19796981	IL17REL	0.121656	0.045233	11.4019	11.4019	0.26832	3.39223	3.39223	0.0364952	13.1326	13.1326	0.940143	0.923521	-1.08281	0.692333	0.656167	-1.524	0.711531	0.674682	-1.48218	0.790187	0.753886	-1.32646	0.0261313	16.3783	16.3783	0.140235	5.37134	5.37134	2.34908	41.757	15.8008	1
cg02808338	INO80C;INO80C	0.121658	?	?	?	?	?	?	?	?	?	?	?	?	0.121658	0.258243	-3.87232	?	?	?	?	?	?	?	?	?	?	?	?	6.75215	2.86124	0.847505	1
cg17843759	ELL	0.121659	0.497098	1.16258	1.16258	0.334989	0.804731	-1.24265	0.211094	0.749842	-1.33361	0.490317	1.16544	1.16544	0.0249529	1.79135	1.79135	0.699303	1.08851	1.08851	0.10411	1.4744	1.4744	0.497139	1.16256	1.16256	0.0348145	1.71174	1.71174	2.34905	1.77618	0.672114	1
cg07170253	P11	0.121662	0.0170828	0.361447	-2.76666	0.0804663	0.507296	-1.97123	0.578727	1.21692	1.21692	0.148812	0.581593	-1.71942	0.237993	0.648784	-1.54135	0.245611	0.653723	-1.5297	0.022627	0.384651	-2.59976	0.445419	0.761645	-1.31295	0.346764	0.712387	-1.40373	2.34902	4.55818	1.72485	1
cg10107473	EPAS1	0.121665	0.123745	0.461615	-2.16631	0.0161552	0.255486	-3.91411	0.303501	0.610067	-1.63916	0.485969	0.720164	-1.38857	0.06285	0.378895	-2.63925	0.144204	0.483149	-2.06976	0.0396502	0.331813	-3.01375	0.05487	0.364354	-2.74459	0.593967	0.779186	-1.28339	2.349	7.9992	3.02699	1
cg14449833	PTPRS;PTPRS;PTPRS;PTPRS	0.121667	0.171917	1.28478	1.28478	0.104356	1.3579	1.3579	0.831523	0.963953	-1.0374	0.300252	1.20319	1.20319	0.895859	0.977686	-1.02282	0.717435	0.939295	-1.06463	0.0710418	0.706443	-1.41554	0.880004	0.974304	-1.02637	0.0239269	0.628571	-1.59091	2.34898	1.10472	0.418042	1
cg26551417	ALG11;ATP7B;ATP7B	0.121672	0.937943	0.991242	-1.00884	0.860536	1.02007	1.02007	0.910742	0.987411	-1.01275	0.865659	0.981053	-1.01931	0.0620278	1.26792	1.26792	0.340609	1.11734	1.11734	0.0296411	0.748825	-1.33543	0.0601463	1.27067	1.27067	0.1616	1.18397	1.18397	2.34894	0.474822	0.179683	1
cg23249369	GNAS;GNAS;GNAS;GNASAS	0.121672	0.475232	1.13132	1.13132	0.140747	0.76395	-1.30899	0.438201	1.14382	1.14382	0.919265	1.01738	1.01738	0.278131	0.825597	-1.21124	0.337108	1.18315	1.18315	0.00726336	1.80125	1.80125	0.320554	1.19055	1.19055	0.947745	1.0112	1.0112	2.34893	1.07433	0.406551	1
cg24640101	SNORD115-37	0.121673	0.1339	0.394219	-2.53666	0.261837	1.96157	1.96157	0.512863	1.46544	1.46544	0.630999	0.756788	-1.32137	0.0210811	0.202421	-4.9402	0.0831198	0.331293	-3.01847	0.0697964	0.311116	-3.21423	0.216088	0.472551	-2.11617	0.449587	0.64168	-1.55841	2.34893	12.3351	4.66791	1
cg21828319	RFC2;RFC2	0.121673	0.389946	0.852963	-1.17238	0.0295657	0.629713	-1.58802	0.0236094	0.613896	-1.62894	0.186336	0.776532	-1.28778	0.777113	1.05257	1.05257	0.522061	0.889466	-1.12427	0.0713995	0.695242	-1.43835	0.0428647	0.656555	-1.5231	0.710166	0.93483	-1.06971	2.34893	1.2124	0.458801	1
cg08104402	IFT140;CRAMP1L	0.121677	0.185461	0.794402	-1.25881	0.569088	0.909979	-1.09893	0.213555	1.23949	1.23949	0.541994	1.10648	1.10648	0.739659	0.946801	-1.05619	0.894552	1.02198	1.02198	0.0153365	0.613953	-1.62879	0.0376459	0.673495	-1.48479	0.670264	1.07273	1.07273	2.34889	0.999614	0.378283	1
cg02906784	CACNA2D3	0.121677	0.845208	1.11208	1.11208	0.519246	0.701109	-1.42631	0.139957	0.421858	-2.37047	0.0705483	0.333411	-2.9993	0.00700728	0.15031	-6.65291	0.454032	1.51361	1.51361	0.794536	1.15239	1.15239	0.652978	0.781937	-1.27888	0.234919	0.508334	-1.96721	2.34889	10.9883	4.15828	1
cg23489273	HLA-A	0.121677	0.0670463	15.6832	15.6832	0.802789	1.39871	1.39871	0.111456	10.2246	10.2246	0.176056	6.88248	6.88248	0.0639684	16.3106	16.3106	0.446204	0.35303	-2.83262	0.410377	3.0922	3.0922	0.0376575	25.3616	25.3616	0.0403798	23.9281	23.9281	2.34889	66.8926	25.3141	1
cg23857700	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.12168	0.396109	0.64065	-1.56091	0.0303927	0.271485	-3.68344	0.0459511	0.309724	-3.22868	0.289871	1.7557	1.7557	0.0306458	0.272206	-3.67369	0.710509	0.826105	-1.2105	0.756851	1.17249	1.17249	0.247652	0.538317	-1.85764	0.341976	0.60551	-1.6515	2.34887	9.76659	3.696	1
cg03445173	MSGN1	0.121685	0.542018	1.14751	1.14751	0.0582546	0.620602	-1.61134	0.205687	1.34662	1.34662	0.687069	1.09447	1.09447	0.380706	0.818378	-1.22193	0.435988	1.19382	1.19382	0.0145336	1.95631	1.95631	0.247942	1.30898	1.30898	0.558787	1.14087	1.14087	2.34882	1.84845	0.69953	1
cg25141490	IL17B	0.121687	0.127628	0.351271	-2.84681	0.0505497	0.242889	-4.11711	0.0789206	0.289658	-3.45235	0.226275	0.446233	-2.24098	0.0541882	0.249639	-4.00579	0.188473	0.412735	-2.42286	0.0401155	0.22172	-4.51018	0.0285672	0.193851	-5.1586	0.219972	0.440828	-2.26846	2.34881	15.0041	5.67819	1
cg14988553	PTPRN2;PTPRN2;PTPRN2	0.12169	0.596453	0.83537	-1.19707	0.31854	1.41484	1.41484	0.59767	1.19635	1.19635	0.503187	1.25696	1.25696	0.00680064	0.307143	-3.25581	0.538337	1.23333	1.23333	0.117381	1.77268	1.77268	0.642908	1.17019	1.17019	0.882753	0.951539	-1.05093	2.34878	4.21491	1.59512	1
cg05679403	RELL1;RELL1	0.121692	0.505467	0.832275	-1.20153	0.0186714	2.16974	2.16974	0.744961	0.915132	-1.09274	0.520538	0.837811	-1.19359	0.502714	0.831257	-1.203	0.841627	1.05586	1.05586	0.0353111	0.513753	-1.94646	0.884019	1.04046	1.04046	0.121498	0.633721	-1.57798	2.34877	2.74629	1.03933	1
cg20995753	RNF144A	0.121694	0.720565	0.939653	-1.06422	0.332152	1.18932	1.18932	0.906997	1.02046	1.02046	0.743756	0.944743	-1.05849	0.885476	1.02529	1.02529	0.0908444	0.724109	-1.38101	0.00556888	1.87953	1.87953	0.756789	1.05531	1.05531	0.769454	0.950345	-1.05225	2.34875	1.11711	0.422773	1
cg17236181	C10orf71;C10orf71	0.121695	0.197845	0.841361	-1.18855	0.0491252	1.32982	1.32982	0.891159	1.01753	1.01753	0.971294	1.00458	1.00458	0.688336	1.0525	1.0525	0.553855	1.07896	1.07896	0.0078234	1.54221	1.54221	0.259903	1.16084	1.16084	0.709033	1.04872	1.04872	2.34874	0.599117	0.226738	1
cg21611722	PARD3B;PARD3B;PARD3B	0.121695	0.269729	0.818075	-1.22238	0.412021	0.863687	-1.15783	0.0109852	0.572635	-1.74631	0.614254	0.915036	-1.09285	0.0252344	0.628186	-1.59189	0.30942	0.83212	-1.20175	0.756359	0.947076	-1.05588	0.142547	0.759276	-1.31704	0.0558067	0.684836	-1.4602	2.34873	1.13549	0.429732	1
cg00081799	ACOT7;ACOT7;ACOT7;ACOT7	0.121696	0.259945	0.261182	-3.82875	0.0774517	0.106204	-9.41586	0.698794	1.5593	1.5593	0.645278	0.588859	-1.6982	0.110391	0.137012	-7.29862	0.408533	0.380687	-2.62683	0.00651914	0.0176174	-56.762	0.129303	0.153739	-6.50453	0.210527	0.221486	-4.51496	2.34873	48.5542	18.3756	1
cg05276108	GP6;GP6	0.121697	0.167253	0.480616	-2.08066	0.31915	0.599077	-1.66923	0.0512713	0.331358	-3.01789	0.464753	0.690544	-1.44813	0.0298067	0.280146	-3.56957	0.216655	0.523624	-1.90977	0.222287	0.528175	-1.89331	0.0552218	0.339047	-2.94944	0.0185836	0.241651	-4.1382	2.34872	9.21303	3.48673	1
cg13342195	HEATR3	0.121699	0.0661071	0.727532	-1.37451	0.72277	0.94652	-1.0565	0.125482	1.29157	1.29157	0.112287	1.30576	1.30576	0.18528	0.805124	-1.24205	0.141072	0.783289	-1.27667	0.738773	0.949669	-1.053	0.126518	0.774878	-1.29053	0.345357	1.16179	1.16179	2.3487	0.885667	0.335189	1
cg14068721	SBK2	0.121701	0.96572	1.01165	1.01165	0.548178	0.848927	-1.17796	0.0110239	0.423385	-2.36192	0.187558	1.45711	1.45711	0.0649539	0.572003	-1.74824	0.420383	1.24843	1.24843	0.893032	1.03693	1.03693	0.581993	0.860833	-1.16167	0.221662	0.707345	-1.41374	2.34869	2.70248	1.02279	1
cg01854076	NAT8L	0.121702	0.227357	0.721338	-1.38631	0.128855	0.655066	-1.52656	0.0540267	1.75715	1.75715	0.528727	1.1788	1.1788	0.464622	0.825447	-1.21147	0.307751	0.761759	-1.31275	0.107812	0.636166	-1.57192	0.0489719	0.560228	-1.78499	0.64546	1.12683	1.12683	2.34868	2.47124	0.935273	1
cg03080639	PLA2G4E	0.121704	0.194124	0.606853	-1.64785	0.720301	0.877462	-1.13965	0.0842316	0.499317	-2.00274	0.0949599	0.513174	-1.94866	0.0117708	0.318582	-3.13891	0.702391	0.869723	-1.14979	0.145636	0.566634	-1.76481	0.0403074	0.422624	-2.36617	0.148074	0.568853	-1.75792	2.34866	4.91707	1.86094	1
cg01057036	ZFP64	0.121704	0.801511	1.04331	1.04331	0.298546	0.834124	-1.19886	0.0214701	0.62813	-1.59203	0.387277	0.861425	-1.16087	0.227086	1.23795	1.23795	0.304748	1.1959	1.1959	0.0442007	1.47565	1.47565	0.726794	0.942666	-1.06082	0.856038	0.969895	-1.03104	2.34865	1.05391	0.39887	1
cg04846574	VWA3B	0.121708	0.327163	1.32704	1.32704	0.006334	2.7028	2.7028	0.540043	1.18949	1.18949	0.486578	0.820576	-1.21866	0.596732	1.1611	1.1611	0.0458675	1.89684	1.89684	0.37048	1.29337	1.29337	0.375679	1.28959	1.28959	0.612112	0.866723	-1.15377	2.34863	2.91055	1.10156	1
cg16338944	SLC6A3	0.121709	0.0339837	0.250435	-3.99306	0.81712	0.878463	-1.13835	0.304246	0.551449	-1.81341	0.537279	0.705072	-1.4183	0.010521	0.165174	-6.05423	0.984173	1.01116	1.01116	0.784597	1.16564	1.16564	0.958404	1.02961	1.02961	0.0563646	0.29859	-3.34908	2.34862	11.6403	4.40553	1
cg04818943	LOC100130015;LOC100130015	0.121711	0.0443848	0.375735	-2.66145	0.252093	1.66062	1.66062	0.0227272	3.17707	3.17707	0.983002	1.00907	1.00907	0.508623	0.752567	-1.32878	0.899769	1.05487	1.05487	0.293816	1.58665	1.58665	0.205562	0.567712	-1.76146	0.556986	1.28636	1.28636	2.3486	6.6849	2.53007	1
cg19866422	M6PR	0.121711	0.350533	0.846353	-1.18154	0.174328	1.28514	1.28514	0.0607376	1.44347	1.44347	0.410072	1.15749	1.15749	0.268419	1.22155	1.22155	0.0482819	0.675841	-1.47964	0.623607	1.08967	1.08967	0.559158	0.902538	-1.10799	0.085315	1.39131	1.39131	2.3486	1.12112	0.424316	1
cg27309253	ZNF155;ZNF155	0.121712	0.0954486	0.69671	-1.43532	0.0616877	1.5147	1.5147	0.112795	1.40573	1.40573	0.948662	1.01279	1.01279	0.793361	0.949525	-1.05316	0.86468	1.03422	1.03422	0.104028	0.704216	-1.42002	0.0753172	0.676596	-1.47799	0.810591	1.04851	1.04851	2.34859	1.44787	0.547988	1
cg12504876	RBM42	0.121713	0.987345	1.00641	1.00641	0.811858	1.10086	1.10086	0.422448	1.39124	1.39124	0.312871	1.52297	1.52297	0.00396663	0.2099	-4.76418	0.475	0.746209	-1.34011	0.597278	1.23968	1.23968	0.914859	0.95782	-1.04404	0.41849	0.716667	-1.39535	2.34858	6.0403	2.28613	1
cg04077210	KLHL2	0.121718	?	?	?	0.232779	2.59951	2.59951	0.00594761	17.2495	17.2495	0.749333	1.2752	1.2752	0.759434	1.26227	1.26227	0.684395	0.733444	-1.36343	0.640636	0.699958	-1.42866	0.766714	1.25308	1.25308	?	?	?	2.53207	17.542	6.92791	1
cg05924426	KIAA0284;KIAA0284	0.121719	0.693093	0.851018	-1.17506	0.143869	1.89388	1.89388	0.0284709	2.86197	2.86197	0.336058	1.49693	1.49693	0.0339559	0.365384	-2.73685	0.765175	1.12956	1.12956	0.470633	0.741942	-1.34781	0.603745	1.23733	1.23733	0.419655	0.715091	-1.39842	2.34853	6.15229	2.32856	1
cg09261593	PRKCZ;PRKCZ;PRKCZ	0.121721	0.117	0.445684	-2.24374	0.0778269	2.53465	2.53465	0.897239	1.06324	1.06324	0.450506	0.694271	-1.44036	0.0735152	0.387924	-2.57783	0.969492	1.01832	1.01832	0.11436	0.442624	-2.25926	0.0423643	0.329702	-3.03305	0.279046	0.586184	-1.70595	2.34852	8.37757	3.17082	1
cg07352215	PLRG1	0.121724	0.215066	0.484867	-2.06242	0.0150959	0.182942	-5.46622	0.450477	1.52863	1.52863	?	?	?	0.610345	0.753372	-1.32737	0.188203	0.461047	-2.16898	?	?	?	?	?	?	0.170662	0.444515	-2.24964	2.56544	8.03112	3.65225	1
cg26308012	TRAPPC9;TRAPPC9	0.121725	0.0278892	0.468331	-2.13524	0.168691	1.53445	1.53445	0.3005	0.731092	-1.36782	0.80331	0.929735	-1.07558	0.106674	0.597943	-1.6724	0.0522473	0.524902	-1.90512	0.899187	1.0377	1.0377	0.491531	0.815486	-1.22626	0.0828176	0.570766	-1.75203	2.34847	3.17013	1.19989	1
cg17119387	KIAA0664	0.121726	0.9796	1.01071	1.01071	0.311012	0.646231	-1.54743	0.127165	1.98799	1.98799	0.59265	1.25225	1.25225	0.0785252	0.443106	-2.2568	0.43951	0.720082	-1.38873	0.0414366	0.375479	-2.66327	0.0364894	0.363319	-2.7524	0.38283	0.688826	-1.45175	2.34847	6.45301	2.44245	1
cg15393925	PLEKHA8	0.121726	0.619052	0.91012	-1.09876	0.909132	0.978776	-1.02168	0.128412	0.734335	-1.36178	0.498916	0.878992	-1.13767	0.0828828	0.6971	-1.43451	0.0883448	0.702361	-1.42377	0.0237046	0.602075	-1.66092	0.101118	1.40121	1.40121	0.41461	0.854967	-1.16964	2.34847	1.31316	0.497027	1
cg08522655	PTPN20B;PTPN20A;PTPN20B;PTPN20B;PTPN20A;PTPN20A;PTPN20B;PTPN20A;PTPN20B;PTPN20A;PTPN20A	0.121726	0.787026	1.0986	1.0986	0.0410915	0.441108	-2.26702	0.0173716	0.365719	-2.73434	0.20193	0.626314	-1.59664	0.629776	1.18373	1.18373	0.768077	0.902407	-1.10815	0.0446476	0.449076	-2.22679	0.183319	0.612462	-1.63275	0.362201	0.722361	-1.38435	2.34846	4.48529	1.69767	1
cg02835301	VGLL4;VGLL4;VGLL4;VGLL4	0.121728	0.899311	0.973061	-1.02769	0.774876	1.06381	1.06381	0.51494	0.867234	-1.15309	0.832115	0.955236	-1.04686	0.319197	0.800852	-1.24867	0.674868	1.09528	1.09528	0.00510648	0.450114	-2.22166	0.119309	1.44004	1.44004	0.551595	0.878147	-1.13876	2.34845	1.731	0.655184	1
cg07539200	MCPH1	0.12173	0.618444	1.14769	1.14769	0.243272	0.715364	-1.39789	0.476493	0.819875	-1.2197	0.35244	1.30019	1.30019	0.787971	1.07676	1.07676	0.477815	0.820379	-1.21895	0.0296605	0.495454	-2.01835	0.0179267	0.454216	-2.2016	0.117686	0.627423	-1.59382	2.34843	2.7993	1.05954	1
cg11327857	FGF2	0.121731	0.774657	1.17944	1.17944	0.344406	1.75061	1.75061	0.377922	1.68231	1.68231	0.0935828	2.88729	2.88729	0.892864	0.925448	-1.08056	0.856528	0.901175	-1.10966	0.44331	0.638009	-1.56737	0.00462624	8.7265	8.7265	0.317748	1.81082	1.81082	2.34842	12.2958	4.65402	1
cg05583681	HSDL1;LRRC50;HSDL1	0.121731	0.79754	1.03594	1.03594	0.128586	1.25312	1.25312	0.0729776	1.31616	1.31616	0.630173	0.935529	-1.06891	0.0789471	0.764926	-1.30732	0.105305	0.784194	-1.27519	0.110337	0.787387	-1.27002	0.374654	1.13335	1.13335	0.739902	1.04683	1.04683	2.34842	0.701849	0.265654	1
cg20911304	AGAP1;AGAP1	0.121734	0.250311	1.34698	1.34698	0.576283	0.86937	-1.15026	0.171467	1.43476	1.43476	0.827162	0.947224	-1.05572	0.0415386	1.79094	1.79094	0.653549	0.894023	-1.11854	0.0115315	2.18891	2.18891	0.790273	1.06833	1.06833	0.486374	0.839146	-1.19169	2.34839	2.28668	0.865529	1
cg26031541	ZNF323;ZNF323;ZNF323;ZNF323;ZNF323;ZNF323	0.121747	0.971664	0.994999	-1.00503	0.89398	0.981357	-1.019	0.190491	1.21613	1.21613	0.0334556	0.704189	-1.42007	0.178496	0.817296	-1.22355	0.263249	0.848221	-1.17894	0.01407	0.651922	-1.53393	0.538081	0.915769	-1.09198	0.903853	0.983089	-1.0172	2.34828	0.740892	0.280448	1
cg00474091	AEBP2;AEBP2	0.121748	0.58312	0.577031	-1.73301	0.00401407	46.2915	46.2915	0.694096	0.675614	-1.48014	0.342778	2.63692	2.63692	0.999128	1.00109	1.00109	0.49979	0.506847	-1.97298	0.5906	1.71389	1.71389	0.1502	4.61861	4.61861	0.67245	1.52481	1.52481	2.34827	36.6014	13.8547	1
cg20572537	LFNG;LFNG	0.121754	0.583241	1.31938	1.31938	0.0295776	3.60149	3.60149	0.551413	1.35179	1.35179	0.717895	0.834038	-1.19899	0.196636	0.505164	-1.97956	0.419448	0.661902	-1.5108	0.020247	0.246505	-4.05672	0.758954	1.16644	1.16644	0.654198	0.798093	-1.25299	2.34823	9.3053	3.52239	1
cg17185953	ECHDC2	0.121755	0.407843	0.679734	-1.47116	0.362412	1.53244	1.53244	0.384164	1.50213	1.50213	0.373492	0.6593	-1.51676	0.756396	0.867714	-1.15245	0.281213	0.600074	-1.66646	0.187593	0.528981	-1.89043	0.00845154	4.6334	4.6334	0.833085	0.908254	-1.10101	2.34822	7.73285	2.92718	1
cg07414840	UXS1	0.121756	0.343583	0.806051	-1.24062	0.378872	0.819137	-1.2208	0.0447659	1.66377	1.66377	0.995039	0.998627	-1.00137	0.0856049	1.5218	1.5218	0.0426452	1.67489	1.67489	0.632776	1.11225	1.11225	0.534766	0.870296	-1.14903	0.217662	0.750817	-1.33188	2.34821	1.81617	0.687491	1
cg25574024	IGF2AS;INS-IGF2;IGF2;IGF2;IGF2AS	0.121756	0.997024	0.998096	-1.00191	0.0104409	0.192579	-5.19266	0.688778	0.814075	-1.22839	0.721548	1.20062	1.20062	0.834781	1.11261	1.11261	0.268791	0.555181	-1.80122	0.828424	1.11728	1.11728	0.0417945	3.31624	3.31624	0.572106	1.33868	1.33868	2.34821	9.70848	3.67504	1
cg02978548	URM1;URM1	0.121756	0.651101	0.949594	-1.05313	0.0191471	1.3804	1.3804	0.0302505	1.33603	1.33603	0.953796	0.993433	-1.00661	0.618719	0.944545	-1.05871	0.838814	1.02343	1.02343	0.585915	0.939364	-1.06455	0.760122	0.965776	-1.03544	0.0647551	1.26603	1.26603	2.34821	0.480911	0.182044	1
cg14141458	RHOQ	0.121758	0.470677	1.16965	1.16965	0.00316712	0.422774	-2.36533	0.56019	1.13405	1.13405	0.681263	1.0922	1.0922	0.958544	1.01116	1.01116	0.939878	0.984021	-1.01624	0.914305	1.02325	1.02325	0.357304	0.816965	-1.22404	0.760105	1.06758	1.06758	2.34819	1.69587	0.641961	1
cg21810379	ANK2;ANK2;ANK2	0.121759	0.273231	1.35854	1.35854	0.561384	1.17094	1.17094	0.891564	1.03733	1.03733	0.778745	1.07863	1.07863	0.617269	1.14498	1.14498	0.00306403	2.97326	2.97326	0.105018	1.60964	1.60964	0.784077	0.928849	-1.0766	0.954825	1.01534	1.01534	2.34818	2.6855	1.01658	1
cg14660573	NR1H2	0.121761	0.351079	1.37306	1.37306	0.113827	0.56649	-1.76526	0.0134463	2.74822	2.74822	0.721738	1.12539	1.12539	0.67157	1.15129	1.15129	0.133814	1.706	1.706	0.242881	0.66784	-1.49736	0.44143	0.771586	-1.29603	0.972256	1.01155	1.01155	2.34816	4.05833	1.53627	1
cg01728495	C1QB	0.121763	0.708066	1.18656	1.18656	0.478962	1.38722	1.38722	0.692304	0.834542	-1.19826	0.460292	1.40755	1.40755	0.00396078	0.171679	-5.82482	0.524495	0.745807	-1.34083	0.60098	0.786657	-1.2712	0.178752	0.522256	-1.91477	0.851655	1.08886	1.08886	2.34815	7.69038	2.91118	1
cg15947534	CCDC27	0.121769	0.807196	0.963834	-1.03752	0.680059	1.06447	1.06447	0.00948285	0.60945	-1.64082	0.0945781	1.31894	1.31894	0.24996	0.834325	-1.19857	0.357296	1.1533	1.1533	0.310969	0.853907	-1.17109	0.545454	0.911936	-1.09657	0.494841	0.900836	-1.11008	2.34809	0.844103	0.319542	1
cg00353139	CYP1A1	0.121772	0.0462633	6.17901	6.17901	0.019614	9.47806	9.47806	0.213463	2.84314	2.84314	0.114421	3.93339	3.93339	0.585205	1.55208	1.55208	0.288822	0.415515	-2.40665	?	?	?	0.919859	0.922868	-1.08358	0.380158	2.0504	2.0504	2.37064	21.2315	8.95601	1
cg23591342	MRPS18B;PPP1R10	0.121772	0.28531	0.760961	-1.31413	0.230361	1.36308	1.36308	0.042998	1.77398	1.77398	0.177853	0.702964	-1.42255	0.935833	0.980375	-1.02002	0.0726038	1.63733	1.63733	0.0857839	1.59583	1.59583	0.225463	1.368	1.368	0.688406	0.905535	-1.10432	2.34807	2.25328	0.853008	1
cg21186506	SLC14A2	0.121776	0.6832	1.10617	1.10617	0.122263	0.66242	-1.50962	0.0153489	0.481079	-2.07866	0.987394	0.996122	-1.00389	0.752259	1.08099	1.08099	0.917369	0.974803	-1.02585	0.527701	1.1704	1.1704	0.886301	0.965428	-1.03581	0.0209285	0.504936	-1.98045	2.34803	2.24889	0.851356	1
cg26130669	C6orf105;C6orf105	0.121777	0.0410987	0.350924	-2.84962	0.783244	0.884682	-1.13035	0.359493	0.657954	-1.51986	0.0327895	0.329683	-3.03322	0.0205004	0.289257	-3.45713	0.086238	0.43076	-2.32148	0.822374	1.10507	1.10507	0.421352	0.694214	-1.44048	0.171601	0.523789	-1.90917	2.34802	7.34168	2.77933	1
cg24509398	EYA3	0.12178	0.626	0.90132	-1.10948	0.00593433	0.467123	-2.14076	0.0876418	0.67112	-1.49005	0.685961	1.08979	1.08979	0.560683	1.13252	1.13252	0.401267	0.833827	-1.19929	0.334463	1.23437	1.23437	0.761432	1.06653	1.06653	0.758016	0.936722	-1.06755	2.348	1.66393	0.62992	1
cg07713705	KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.121782	0.423029	1.3376	1.3376	0.0785464	0.499301	-2.0028	0.0185373	0.362412	-2.75929	0.379084	0.725602	-1.37817	0.0260816	0.391207	-2.55619	0.70315	1.14579	1.14579	0.221645	0.633422	-1.57873	0.764137	0.898558	-1.11289	0.475702	0.772747	-1.29408	2.34798	4.69849	1.77874	1
cg01720722	CDK18;CDK18;CDK18	0.121783	0.345845	1.43776	1.43776	0.809352	1.09461	1.09461	0.0946455	0.503061	-1.98783	0.131325	1.83905	1.83905	0.5108	0.779223	-1.28333	0.118712	1.884	1.884	0.0164008	2.99523	2.99523	0.368644	1.41247	1.41247	0.501393	1.29072	1.29072	2.34797	5.20144	1.96915	1
cg08951958	ABL1;ABL1	0.121784	0.109681	2.62311	2.62311	0.107791	2.63914	2.63914	0.176391	2.214	2.214	0.116891	2.56508	2.56508	0.248248	1.94931	1.94931	0.0967793	2.7404	2.7404	0.138148	2.41773	2.41773	0.0174696	4.95229	4.95229	0.0288691	4.15766	4.15766	2.34796	11.3718	4.3051	1
cg05907764	PPP1R2P3	0.121784	0.105133	0.450377	-2.22036	0.430472	1.43693	1.43693	0.361884	0.655607	-1.5253	0.173373	0.5207	-1.92049	0.432485	0.697075	-1.43457	0.966738	0.981391	-1.01896	0.020045	0.282517	-3.53961	0.147417	0.496451	-2.0143	0.0244504	0.298897	-3.34564	2.34796	7.5463	2.85687	1
cg03508212	RPS7	0.121786	0.234116	0.698462	-1.43172	0.0457004	0.517299	-1.93312	0.869118	1.04859	1.04859	0.948447	0.981568	-1.01878	0.0133571	0.414058	-2.41512	0.537115	1.19699	1.19699	0.0910467	0.585339	-1.70841	0.198025	0.676085	-1.4791	0.171037	0.657462	-1.521	2.34794	3.07837	1.16542	1
cg15456925	PLAG1;CHCHD7;CHCHD7;CHCHD7;PLAG1;CHCHD7;PLAG1;CHCHD7;CHCHD7	0.121787	0.547369	0.819433	-1.22036	0.530298	1.23111	1.23111	0.711591	0.885631	-1.12914	0.744354	1.11295	1.11295	0.737665	0.895885	-1.11621	0.688714	0.876601	-1.14077	0.0308069	0.436274	-2.29214	0.0201206	0.39975	-2.50156	0.0979106	1.81089	1.81089	2.34794	3.97761	1.50585	1
cg22871604	FAM54B;FAM54B;FAM54B;FAM54B	0.121787	0.00887951	0.574535	-1.74054	0.289333	0.832736	-1.20086	0.613857	0.918811	-1.08836	0.438205	0.876693	-1.14065	0.112995	0.750453	-1.33253	0.594883	1.09343	1.09343	0.0533482	0.694011	-1.4409	0.136748	0.765843	-1.30575	0.778115	1.04814	1.04814	2.34794	1.02993	0.389913	1
cg17063143	TMEM44;TMEM44;TMEM44;TMEM44	0.121788	0.361485	0.638774	-1.5655	0.190949	1.93799	1.93799	0.903127	0.943481	-1.05991	0.354813	1.5759	1.5759	0.0413323	0.324837	-3.07847	0.849625	0.913299	-1.09493	0.0250575	0.279828	-3.57363	0.236455	1.80892	1.80892	0.448384	0.691312	-1.44652	2.34793	8.48977	3.21409	1
cg14427009	PCDH17	0.12179	0.584898	1.14322	1.14322	0.00584399	0.416581	-2.40049	0.934068	1.02028	1.02028	0.446513	1.20717	1.20717	0.836551	0.951108	-1.05141	0.404814	1.22977	1.22977	0.0836407	0.628389	-1.59137	0.927403	0.978129	-1.02236	0.775692	1.07178	1.07178	2.34791	2.18954	0.828933	1
cg17787084	LMX1A	0.121791	0.0302519	8.70783	8.70783	0.832983	0.835776	-1.19649	0.107685	4.44314	4.44314	0.495905	1.79925	1.79925	0.830714	1.19947	1.19947	0.19966	3.16164	3.16164	0.0562743	6.27374	6.27374	0.0147201	12.8135	12.8135	0.54842	1.67512	1.67512	2.3479	26.8365	10.16	1
cg08663092	PNMA1;PNMA1	0.121793	0.831406	0.908082	-1.10122	0.703464	1.18882	1.18882	0.336203	0.638609	-1.5659	0.991788	1.00467	1.00467	0.500977	1.36194	1.36194	0.0142815	0.254984	-3.92181	0.0216151	0.287229	-3.48154	0.810546	1.11473	1.11473	0.407204	1.46732	1.46732	2.34788	7.60567	2.87944	1
cg13228952	HP1BP3	0.1218	0.112827	0.788873	-1.26763	0.346177	1.14259	1.14259	0.838658	1.02841	1.02841	0.439053	1.11454	1.11454	0.00996942	0.639457	-1.56383	0.216597	0.836395	-1.19561	0.674398	1.05978	1.05978	0.684311	1.05778	1.05778	0.183994	0.823943	-1.21368	2.34782	0.702034	0.265791	1
cg13778848	LOC283050;LOC283050;LOC283050	0.121801	0.0532632	0.662925	-1.50847	0.42981	1.16286	1.16286	0.440363	0.86302	-1.15872	0.0904239	0.705184	-1.41807	0.902837	1.02313	1.02313	0.329716	1.20721	1.20721	0.0385317	1.56634	1.56634	0.372182	0.842375	-1.18712	0.329255	0.828195	-1.20744	2.34782	1.30332	0.493441	1
cg03003722	ZFAND3	0.121801	0.114239	0.467971	-2.13688	0.321751	0.636073	-1.57215	0.0321786	0.329898	-3.03124	0.854908	1.08427	1.08427	0.037525	0.344152	-2.9057	0.812434	0.900266	-1.11078	0.828592	0.908615	-1.10058	0.0862971	2.31078	2.31078	0.950791	1.02765	1.02765	2.34782	7.26404	2.75019	1
cg09131901	PRDX1;PRDX1;PRDX1	0.121802	0.247409	0.898439	-1.11304	0.0338555	0.80301	-1.24531	0.0126207	0.759858	-1.31604	0.784572	1.02456	1.02456	0.0719673	0.837049	-1.19467	0.990774	1.00102	1.00102	0.159191	0.875258	-1.14252	0.299709	0.909213	-1.09985	0.228107	0.894019	-1.11855	2.3478	0.291603	0.110402	1
cg13275603	ENC1	0.121803	0.0630736	0.269388	-3.71212	0.226413	0.450766	-2.21844	0.317542	0.523007	-1.91202	0.729627	0.804399	-1.24316	0.0200817	0.172123	-5.80979	0.439207	1.64039	1.64039	0.176024	0.405548	-2.4658	0.148112	2.64663	2.64663	0.343367	0.542068	-1.84479	2.3478	14.6339	5.54045	1
cg17680088	GPR144	0.121803	0.636663	0.829634	-1.20535	0.00406103	4.54591	4.54591	0.327077	1.48754	1.48754	0.870141	1.06633	1.06633	0.7818	0.896744	-1.11515	0.529372	1.28417	1.28417	0.558672	0.792833	-1.2613	0.280113	0.643581	-1.55381	0.510671	1.29939	1.29939	2.3478	5.72908	2.16906	1
cg15163079	SGTA	0.121804	0.568159	0.845241	-1.1831	0.551617	0.839004	-1.19189	0.94498	0.980086	-1.02032	0.355367	0.757987	-1.31928	0.00433102	0.329117	-3.03844	0.213935	0.682918	-1.4643	0.217409	0.685089	-1.45966	0.065594	0.547585	-1.8262	0.152775	0.639988	-1.56253	2.34779	3.15846	1.19582	1
cg27258214	LRPAP1	0.12181	0.661074	0.891726	-1.12142	0.0414485	0.542911	-1.84192	0.104847	0.631039	-1.58469	0.725788	0.912593	-1.09578	0.31977	0.765631	-1.30611	0.78913	1.07211	1.07211	0.0238044	2.01518	2.01518	0.40558	1.24735	1.24735	0.815662	0.941145	-1.06254	2.34774	2.50871	0.949834	1
cg09819495	SNRPE	0.121811	0.822416	1.04358	1.04358	0.25206	1.25489	1.25489	0.116298	1.38246	1.38246	0.838584	1.03946	1.03946	0.0442621	1.55038	1.55038	0.691605	1.0786	1.0786	0.0189659	0.583267	-1.71448	0.397879	1.17852	1.17852	0.596944	1.10658	1.10658	2.34773	1.33898	0.506958	1
cg25001691	TSSC4	0.121811	0.236869	1.37881	1.37881	0.0119581	0.443599	-2.25429	0.49427	0.835342	-1.19711	0.468635	1.2106	1.2106	0.249175	0.731843	-1.36641	0.377851	1.26432	1.26432	0.917023	1.02738	1.02738	0.0690075	0.590133	-1.69453	0.949047	0.983572	-1.0167	2.34773	2.49807	0.94581	1
cg03566787	CUGBP1;CUGBP1	0.121811	0.202146	0.519331	-1.92556	0.215665	1.88517	1.88517	0.0409219	3.15179	3.15179	0.622174	1.27336	1.27336	0.0379348	0.31009	-3.22487	0.545975	0.742817	-1.34623	0.265942	0.568934	-1.75767	0.339558	1.61432	1.61432	0.769473	0.866773	-1.15371	2.34773	8.80173	3.33248	1
cg27416957	DDX17;DDX17	0.121812	0.133401	1.58633	1.58633	0.112743	1.63567	1.63567	0.0130984	2.40379	2.40379	0.276356	1.38087	1.38087	0.694235	0.893502	-1.11919	0.59365	0.857706	-1.1659	0.319959	1.34032	1.34032	0.0573993	1.84522	1.84522	0.132287	1.58877	1.58877	2.34772	3.02048	1.14361	1
cg02254152	HCG18;TRIM39;TRIM39;TRIM39;HCG18	0.121812	0.459881	0.736014	-1.35867	0.0535568	2.44255	2.44255	0.559294	0.786223	-1.2719	0.361368	0.682362	-1.4655	0.0571811	0.416247	-2.40242	0.348329	0.674823	-1.48187	?	?	?	?	?	?	0.163349	1.83309	1.83309	2.39808	4.90143	2.33588	1
cg05689028	AMICA1	0.121815	0.352751	1.9052	1.9052	0.0433911	0.208878	-4.78748	0.0305729	0.180345	-5.54492	0.441112	0.588881	-1.69814	0.0657596	0.248607	-4.02241	0.301211	0.48574	-2.05871	0.0920327	0.286443	-3.4911	0.0922665	0.286751	-3.48735	0.608756	0.706093	-1.41624	2.34769	16.8961	6.39725	1
cg11167537	LOC100128071;TSSK3	0.121818	0.0366126	12.3372	12.3372	0.0715266	8.02037	8.02037	0.558726	1.84369	1.84369	0.0163362	20.8474	20.8474	0.353438	0.372403	-2.68526	0.300991	3.03055	3.03055	0.421876	2.33687	2.33687	0.951824	0.939406	-1.0645	0.173535	4.47309	4.47309	2.34767	39.797	15.0682	1
cg14791081	ALS2CR4;ALS2CR4	0.121819	0.102607	0.399432	-2.50355	0.224043	0.518774	-1.92762	0.705995	1.21498	1.21498	0.649223	1.26527	1.26527	0.0202603	0.237343	-4.21331	0.764966	0.857227	-1.16655	0.292799	0.570773	-1.75201	0.22904	0.522792	-1.91281	0.079036	2.72364	2.72364	2.34766	9.816	3.71661	1
cg20407522	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.121819	0.228149	0.77616	-1.28839	0.300101	1.24	1.24	0.0106536	1.90259	1.90259	0.567934	0.890801	-1.12258	0.906284	1.02387	1.02387	0.408974	0.844362	-1.18433	0.888471	1.02851	1.02851	0.0912326	0.688921	-1.45154	0.60244	1.11102	1.11102	2.34766	1.49209	0.564947	1
cg01300852	RPS6KA2;RPS6KA2	0.121819	0.560988	1.41159	1.41159	0.669455	0.777384	-1.28637	0.174221	0.428443	-2.33403	0.527609	0.687089	-1.45541	0.355574	0.572778	-1.74588	0.272957	0.512188	-1.95241	0.00781081	0.135015	-7.4066	0.130926	2.60232	2.60232	0.38241	0.591389	-1.69094	2.34766	12.7855	4.84094	1
cg06611850	DPPA2	0.121819	0.00268941	0.525323	-1.90359	0.521988	0.904187	-1.10597	0.312983	0.850465	-1.17583	0.307169	0.848685	-1.17829	0.164859	0.794568	-1.25855	0.590171	0.919076	-1.08805	0.349413	0.861142	-1.16125	0.78452	0.958354	-1.04346	0.186217	0.804528	-1.24296	2.34765	0.89559	0.339096	1
cg01440070	SLC6A10P	0.12182	0.0625685	0.324795	-3.07886	0.234282	0.512202	-1.95235	0.0221382	0.22946	-4.35805	0.324685	0.579409	-1.7259	0.24126	0.517764	-1.93138	0.27809	0.545963	-1.83163	0.279129	0.546733	-1.82905	0.168626	0.455155	-2.19705	0.0114128	0.182875	-5.4682	2.34765	10.7057	4.05351	1
cg25468915	RPS6KA2	0.121821	0.0236005	0.222161	-4.50124	0.0612972	0.309292	-3.23319	0.104625	0.372627	-2.68365	0.146692	0.420245	-2.37956	0.0404915	0.26799	-3.73148	0.122216	0.393678	-2.54014	0.0832545	0.343975	-2.90719	0.231827	0.497622	-2.00956	0.100712	0.367666	-2.71986	2.34764	11.5164	4.36047	1
cg24374013	ATP2B2;ATP2B2	0.121822	0.863505	1.0364	1.0364	0.0538175	1.5761	1.5761	0.501809	1.15218	1.15218	0.939188	0.98427	-1.01598	0.248761	0.778394	-1.2847	0.0112858	0.51714	-1.93371	0.358227	0.821745	-1.21692	0.975432	1.00642	1.00642	0.409789	0.839316	-1.19145	2.34763	1.60552	0.607902	1
cg12784175	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.121822	0.87485	1.11591	1.11591	0.0122613	8.76435	8.76435	0.0334318	5.63611	5.63611	0.932199	1.06099	1.06099	0.316166	0.486235	-2.05662	0.983441	0.985664	-1.01454	0.213588	2.48742	2.48742	0.136396	3.05416	3.05416	0.501008	1.60837	1.60837	2.34763	18	6.81539	1
cg15559909	FAM116A	0.121823	0.32136	1.21511	1.21511	0.425377	0.856588	-1.16742	0.915934	0.980121	-1.02028	0.184687	1.30675	1.30675	0.977625	1.00535	1.00535	0.76868	0.94546	-1.05769	0.0547077	1.51347	1.51347	0.0198286	1.70727	1.70727	0.0417939	1.56237	1.56237	2.34762	1.34458	0.509105	1
cg05925949	MT1M	0.121823	0.124128	0.628098	-1.59211	0.0097163	2.4932	2.4932	0.456631	1.23583	1.23583	0.450558	0.806771	-1.23951	0.125341	0.629189	-1.58935	0.578649	0.854974	-1.16963	0.694456	0.895599	-1.11657	0.863931	0.953223	-1.04907	0.751998	0.915264	-1.09258	2.34762	2.90034	1.09817	1
cg10331779	CTNND2	0.121828	0.63659	0.891829	-1.12129	0.139335	1.46622	1.46622	0.117023	1.50618	1.50618	0.766941	0.931003	-1.07411	0.142973	0.684758	-1.46037	0.469906	0.837914	-1.19344	0.012647	0.474432	-2.10778	0.798434	0.9403	-1.06349	0.920699	0.976332	-1.02424	2.34758	2.15132	0.814576	1
cg01119700	AUTS2;AUTS2	0.121828	0.228591	0.803507	-1.24454	0.360381	0.849765	-1.1768	0.222744	0.801058	-1.24835	0.239391	0.807912	-1.23776	0.543556	1.11232	1.11232	0.710959	1.06656	1.06656	0.0302937	1.55412	1.55412	0.0558092	0.687195	-1.45519	0.211081	0.796028	-1.25624	2.34757	1.11444	0.421972	1
cg20821899	DNAH7	0.12183	0.881733	1.04384	1.04384	0.00985146	0.390538	-2.56057	0.0765064	0.566683	-1.76466	0.882139	0.958139	-1.04369	0.670406	0.883911	-1.13134	0.675501	0.885723	-1.12902	0.131101	1.59978	1.59978	0.465214	0.807163	-1.23891	0.164106	0.651844	-1.53411	2.34756	3.08907	1.16965	1
cg26908388	KIFC1	0.121834	0.746978	0.913196	-1.09506	0.901202	0.965761	-1.03545	0.805807	0.93324	-1.07154	0.10883	1.63325	1.63325	0.219777	1.43614	1.43614	0.858232	1.05143	1.05143	0.00934861	0.396675	-2.52096	0.174485	1.49957	1.49957	0.996553	0.998789	-1.00121	2.34753	2.92558	1.10777	1
cg05681957	ANKRD11	0.121837	0.375283	0.784544	-1.27463	0.0520587	0.554704	-1.80276	0.15698	0.667888	-1.49726	0.51373	1.19315	1.19315	0.107162	0.625659	-1.59832	0.990991	0.996994	-1.00302	0.0264163	2.01766	2.01766	0.867596	0.956482	-1.0455	0.809498	0.937627	-1.06652	2.3475	2.64372	1.00105	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16765268	CLEC16A	0.121841	0.102835	0.352455	-2.83724	0.032049	0.230486	-4.33866	0.244165	0.490676	-2.038	0.165181	2.37509	2.37509	0.0299025	0.224734	-4.44971	0.184902	0.439717	-2.27419	0.901813	0.93042	-1.07478	0.870312	0.908942	-1.10018	0.961458	0.972158	-1.02864	2.34747	12.694	4.80668	1
cg14176836	ITGAL;ITGAL	0.121841	0.29229	0.510763	-1.95786	0.0412783	0.235149	-4.25262	0.556817	0.69391	-1.44111	0.0678424	0.284307	-3.51732	0.291306	0.51001	-1.96075	0.11709	0.351069	-2.84845	0.00789245	0.123015	-8.12911	0.561735	0.697142	-1.43443	0.212437	0.445947	-2.24242	2.34747	14.0573	5.32291	1
cg15350627	GAPDH	0.12185	0.192648	0.594716	-1.68147	0.338469	1.45045	1.45045	0.939393	1.02907	1.02907	0.14569	0.555023	-1.80173	0.0554053	0.441163	-2.26674	0.0275043	0.374347	-2.67132	0.0377711	0.403318	-2.47943	0.255723	0.639435	-1.56388	0.563338	0.80236	-1.24632	2.34738	5.28081	1.9997	1
cg22402701	DPP6;DPP6;DPP6	0.121851	0.333707	0.752851	-1.32828	0.986071	0.995042	-1.00498	0.0236685	0.46343	-2.15782	0.550407	0.841961	-1.1877	0.327824	0.750073	-1.3332	0.612907	0.864799	-1.15634	0.0352612	2.01004	2.01004	0.335534	0.753708	-1.32677	0.244487	1.41434	1.41434	2.34738	3.01381	1.14125	1
cg19937198	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.121852	0.474421	0.615039	-1.62591	0.344393	1.917	1.917	0.931091	1.05949	1.05949	0.343339	1.91989	1.91989	0.402853	1.77185	1.77185	0.416524	1.74165	1.74165	0.00904349	9.17993	9.17993	0.0777292	3.70604	3.70604	0.0435792	4.71356	4.71356	2.34737	16.5981	6.28529	1
cg22352273	SCLY	0.121854	0.869454	1.03221	1.03221	0.848704	0.963861	-1.03749	0.735921	1.06741	1.06741	0.196071	0.768374	-1.30145	0.375988	0.839369	-1.19137	0.278955	0.804971	-1.24228	0.00563973	2.01403	2.01403	0.497786	1.14186	1.14186	0.754929	0.941437	-1.06221	2.34735	1.38089	0.522913	1
cg27197524	POLE	0.121857	0.592868	0.810445	-1.23389	0.655467	0.839558	-1.1911	0.282723	1.54445	1.54445	0.209009	0.597086	-1.6748	0.140738	0.539549	-1.8534	0.0219721	0.342966	-2.91574	0.0667439	2.22657	2.22657	0.73414	1.14196	1.14196	0.57026	1.25033	1.25033	2.34732	5.63761	2.13486	1
cg05261851	SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.121861	0.445997	0.751419	-1.33081	0.998458	1.00071	1.00071	0.012061	0.316113	-3.16342	0.993831	1.00285	1.00285	0.0531833	0.445677	-2.24378	0.173583	0.587048	-1.70344	0.517913	0.785719	-1.27272	0.243309	1.56698	1.56698	0.124745	0.542583	-1.84304	2.34729	5.03154	1.90538	1
cg17477273	BRPF3	0.121862	0.291416	0.533025	-1.87608	0.218611	0.475364	-2.10365	0.382781	0.597854	-1.67265	0.928866	0.949977	-1.05266	0.0033428	0.100739	-9.92666	0.260687	0.509548	-1.96252	0.100953	0.356143	-2.80786	0.401273	0.610328	-1.63846	0.256113	0.505957	-1.97645	2.34729	12.2798	4.65022	1
cg09685682	C16orf7	0.121864	0.132679	0.663008	-1.50828	0.561704	1.15851	1.15851	0.307939	0.766757	-1.30419	0.334108	0.778361	-1.28475	0.0380373	0.539954	-1.85201	?	?	?	0.680472	0.901451	-1.10932	0.0114024	0.439581	-2.27489	0.81313	0.942427	-1.06109	2.5042	2.16278	0.755703	1
cg26125503	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.121865	0.544745	0.833645	-1.19955	0.0326302	0.476083	-2.10047	0.0474598	0.510163	-1.96016	0.141376	0.625352	-1.5991	0.89628	0.962027	-1.03947	0.0481043	0.511433	-1.95529	0.563637	1.1892	1.1892	0.0451336	0.50546	-1.9784	0.675701	0.882603	-1.13301	2.34726	3.27526	1.24032	1
cg15253587	UPF1	0.121865	0.643292	1.08132	1.08132	0.337372	1.18036	1.18036	0.470043	1.13113	1.13113	0.120825	1.32585	1.32585	0.665074	0.929578	-1.07576	0.248092	0.81674	-1.22438	0.0229805	0.633825	-1.57772	0.494749	1.12326	1.12326	0.0717651	1.4008	1.4008	2.34725	1.04491	0.395702	1
cg01454487	DUOX1;DUOX1	0.121866	0.0561298	26.7202	26.7202	0.151437	10.3232	10.3232	0.445739	3.25605	3.25605	0.571991	0.420082	-2.38049	0.462823	0.321407	-3.11132	0.34863	0.230974	-4.3295	0.658071	0.508411	-1.96691	0.101648	15.2051	15.2051	0.0248481	57.7497	57.7497	2.34725	85.7478	32.4722	1
cg03609216	TRIM15	0.121867	0.0509799	0.373498	-2.67739	0.0330702	3.01626	3.01626	0.639867	0.811583	-1.23216	0.652828	1.22214	1.22214	0.126834	0.481153	-2.07834	0.981858	0.989977	-1.01012	0.0854175	0.43068	-2.32191	0.997757	0.998755	-1.00125	0.338657	0.646007	-1.54797	2.34724	7.29625	2.76306	1
cg09221951	CNIH4	0.121868	0.180803	0.597501	-1.67364	0.0362901	0.413865	-2.41625	0.266431	0.657268	-1.52145	0.141539	0.563869	-1.77346	0.0554556	0.455324	-2.19624	0.397495	1.36888	1.36888	0.811314	0.916971	-1.09055	0.153781	0.574959	-1.73925	0.0299941	0.396431	-2.5225	2.34723	4.88313	1.84923	1
cg01868782	HEY2	0.12187	0.974179	1.01083	1.01083	0.709308	1.1327	1.1327	0.597619	1.19392	1.19392	0.0896036	0.53649	-1.86397	0.311098	1.41724	1.41724	0.135179	1.70892	1.70892	0.338608	1.38849	1.38849	0.0200533	2.54356	2.54356	0.0562472	2.05314	2.05314	2.34722	4.11586	1.55867	1
cg09549813	C16orf5	0.121872	0.205487	1.51944	1.51944	0.348307	1.35313	1.35313	0.102835	1.74886	1.74886	0.236246	1.47508	1.47508	0.662588	1.14741	1.14741	0.643981	0.864371	-1.15691	0.116247	1.70679	1.70679	0.0466971	2.04073	2.04073	0.00980893	2.78019	2.78019	2.3472	3.64655	1.38096	1
cg16956132	LOC100190939	0.121873	0.0474205	0.31336	-3.19122	0.424906	0.659064	-1.5173	0.261674	0.549425	-1.82008	0.420353	0.656243	-1.52383	0.0332187	0.279817	-3.57376	0.157746	0.461696	-2.16593	0.0170014	0.225581	-4.43301	0.0878297	0.381382	-2.62204	0.108534	0.408333	-2.44898	2.34719	9.73175	3.68545	1
cg14787267	TBC1D16	0.121878	0.573222	1.37693	1.37693	0.302547	1.8224	1.8224	0.596181	1.35056	1.35056	0.818699	1.13771	1.13771	0.188276	0.456844	-2.18893	0.72347	0.81903	-1.22096	0.894006	1.07779	1.07779	0.528171	0.69828	-1.43209	0.00442714	8.45093	8.45093	2.34714	11.7385	4.44551	1
cg22791976	PAFAH1B2	0.121879	0.481169	0.900773	-1.11016	0.0284555	0.685647	-1.45848	0.18208	0.813259	-1.22962	0.0287998	0.686399	-1.45688	0.778598	1.04199	1.04199	0.773349	1.04304	1.04304	0.499111	1.10532	1.10532	0.0509165	0.722848	-1.38342	0.841177	1.02972	1.02972	2.34713	0.791819	0.299872	1
cg05189281	FBXL16	0.12188	0.338994	0.740037	-1.35128	0.0156995	2.47074	2.47074	0.858586	1.05599	1.05599	0.599647	0.850616	-1.17562	0.154437	0.627743	-1.59301	0.173518	1.55635	1.55635	0.111214	1.69895	1.69895	0.237684	1.45914	1.45914	0.62418	1.16281	1.16281	2.34712	3.46865	1.31363	1
cg16680237	GRRP1	0.12188	0.738722	0.897743	-1.11391	0.0652578	0.513288	-1.94822	0.0953204	0.554026	-1.80497	0.18484	0.635594	-1.57333	0.0537247	0.493677	-2.02562	0.162591	0.618538	-1.61672	0.22726	0.664657	-1.50454	0.0159551	0.386395	-2.58803	0.62124	1.17409	1.17409	2.34712	3.86028	1.46194	1
cg08559219	HDLBP;HDLBP	0.121882	0.229557	0.827449	-1.20853	0.981221	1.00354	1.00354	0.374576	1.14674	1.14674	0.275159	1.18598	1.18598	0.016071	0.642351	-1.55678	0.181492	1.23751	1.23751	0.948507	1.00975	1.00975	0.375273	1.1465	1.1465	0.126372	0.780018	-1.28202	2.34711	0.839022	0.317751	1
cg11734703	TRABD	0.121887	0.877687	0.936624	-1.06766	0.288977	0.62629	-1.59671	0.317058	0.644227	-1.55225	0.139102	0.508238	-1.96758	0.254333	0.602895	-1.65866	0.00709604	0.227914	-4.38761	0.761605	0.878664	-1.13809	0.373042	0.677893	-1.47516	0.152829	1.91729	1.91729	2.34706	6.71818	2.54434	1
cg16801797	NAV2;NAV2;NAV2;NAV2	0.121889	0.189196	0.620743	-1.61097	0.0876605	0.523976	-1.90849	0.0168452	0.367965	-2.71765	0.457432	0.771492	-1.29619	0.85473	0.939101	-1.06485	0.623377	0.84393	-1.18493	0.423166	1.32374	1.32374	0.164717	1.66223	1.66223	0.117364	0.55816	-1.7916	2.34705	4.36896	1.65464	1
cg14499928	GPR133	0.121889	0.940705	0.986491	-1.01369	0.0640365	0.683503	-1.46305	0.0267088	0.61878	-1.61608	0.787871	0.951887	-1.05054	0.721949	1.06751	1.06751	0.0662163	0.686111	-1.45749	0.0437109	0.654493	-1.5279	0.116612	0.732191	-1.36576	0.805191	1.04621	1.04621	2.34704	1.24252	0.470576	1
cg07911444	HDGF	0.12189	0.0300807	1.30165	1.30165	0.604509	0.947438	-1.05548	0.316547	0.898523	-1.11294	0.534087	1.06724	1.06724	0.0314278	0.770432	-1.29797	0.735356	0.965549	-1.03568	0.963704	1.00471	1.00471	0.173361	1.16149	1.16149	0.319681	0.899185	-1.11212	2.34704	0.396956	0.150338	1
cg21186778	RCL1	0.12189	0.145355	0.581183	-1.72063	0.297249	0.687249	-1.45508	0.0434016	0.446539	-2.23945	0.226846	1.5533	1.5533	0.706393	0.876914	-1.14036	0.532571	0.803008	-1.24532	0.497119	1.27033	1.27033	0.0352017	2.34295	2.34295	0.490644	0.784271	-1.27507	2.34704	4.4777	1.69583	1
cg12430078	SNRNP27	0.121891	0.366758	0.732534	-1.36512	0.0753489	1.94375	1.94375	0.144352	0.590743	-1.69278	0.110688	1.79219	1.79219	0.360402	0.729331	-1.37112	0.930551	1.02969	1.02969	0.108945	0.556095	-1.79825	0.899168	1.04347	1.04347	0.0662277	0.500764	-1.99695	2.34703	4.18848	1.5863	1
cg08239243	TMSB10	0.121893	0.0280845	0.375904	-2.66026	0.940281	0.972135	-1.02866	0.972271	1.0132	1.0132	0.0820975	0.483564	-2.06798	0.123672	0.533155	-1.87563	0.638763	0.836659	-1.19523	0.119215	0.528466	-1.89227	0.899271	1.04893	1.04893	0.0169908	0.333577	-2.99781	2.34701	5.28831	2.00285	1
cg07006718	MBP;MBP	0.121893	0.125141	0.431116	-2.31956	0.0299539	0.274051	-3.64896	0.875715	1.08257	1.08257	0.830638	0.897118	-1.11468	0.0414558	0.303646	-3.2933	0.145307	0.452633	-2.20929	0.134974	0.441848	-2.26322	0.110374	0.41399	-2.41552	0.320805	1.68194	1.68194	2.34701	9.5503	3.61701	1
cg21700780	MYOM2	0.121894	0.890037	0.954961	-1.04716	0.274112	1.46099	1.46099	0.049434	0.473812	-2.11054	0.749707	1.11252	1.11252	0.078553	0.521563	-1.91732	0.0938408	1.8474	1.8474	0.131361	1.72053	1.72053	0.58597	1.20109	1.20109	0.282443	0.689295	-1.45076	2.34701	4.12536	1.56241	1
cg06320936	C6orf48;SNORD48;C6orf48	0.121894	0.175481	0.735802	-1.35906	0.660999	0.910307	-1.09853	0.263075	1.28206	1.28206	0.650455	0.907427	-1.10202	0.190587	0.744418	-1.34333	0.0714523	0.651365	-1.53524	0.0119985	0.51307	-1.94905	0.55413	1.13591	1.13591	0.603731	1.11796	1.11796	2.34701	1.68566	0.638414	1
cg23338503	DOCK2	0.121894	0.028139	38.6486	38.6486	0.198246	6.7973	6.7973	0.178777	7.48808	7.48808	0.499646	2.62697	2.62697	0.0545643	21.6244	21.6244	0.16395	8.11335	8.11335	0.90425	0.843985	-1.18486	0.0293484	37.2422	37.2422	0.0574262	20.6778	20.6778	2.347	73.8459	27.9679	1
cg00284173	FKBP1B;FKBP1B	0.121895	0.480437	0.839878	-1.19065	0.0459816	0.573261	-1.74441	0.335963	0.785548	-1.273	0.0597846	1.67657	1.67657	0.965809	1.01048	1.01048	0.67769	1.10703	1.10703	0.798919	0.939785	-1.06407	0.355796	1.25996	1.25996	0.0401091	1.7808	1.7808	2.347	2.20008	0.833246	1
cg16006969	PTPMT1;PTPMT1;PTPMT1;PTPMT1	0.121895	0.540885	0.919589	-1.08744	0.830317	1.02949	1.02949	0.232014	0.84388	-1.185	0.039384	1.38091	1.38091	0.092169	1.28535	1.28535	0.0352631	1.39383	1.39383	0.560499	1.08297	1.08297	0.245045	0.848175	-1.179	0.968407	1.00538	1.00538	2.34699	0.681667	0.258171	1
cg10814338	AARSD1;AARSD1;RUNDC1;AARSD1;AARSD1;AARSD1;AARSD1;AARSD1	0.121896	0.114015	0.802786	-1.24566	0.188783	1.1947	1.1947	0.387484	1.11983	1.11983	0.0290326	1.38927	1.38927	0.370764	1.1246	1.1246	0.668066	1.05666	1.05666	0.163095	0.826786	-1.2095	0.319089	1.1406	1.1406	0.106256	1.2528	1.2528	2.34699	0.606792	0.229814	1
cg10727673	TMEM22;TMEM22;TMEM22	0.121899	0.0679408	0.247389	-4.04222	0.18095	2.63911	2.63911	0.74241	1.25273	1.25273	0.493757	0.622005	-1.6077	0.166464	0.364961	-2.74002	0.453074	0.593209	-1.68575	0.0160317	0.133466	-7.49257	0.833732	0.866222	-1.15444	0.0969731	0.288052	-3.47159	2.34696	17.3501	6.5712	1
cg23712980	POFUT1;PLAGL2;POFUT1	0.121901	0.330742	0.504457	-1.98233	?	?	?	0.899156	0.919892	-1.08708	0.912989	0.930554	-1.07463	?	?	?	0.0970926	0.263121	-3.80053	0.151341	2.99029	2.99029	0.0296964	0.129145	-7.74323	0.275509	2.18314	2.18314	3.49517	16.2418	2.65538	1
cg01354088	KLF11	0.121902	0.0735551	6.50853	6.50853	0.0758092	6.39439	6.39439	0.162388	4.05706	4.05706	0.313871	2.65905	2.65905	0.122486	0.207755	-4.81336	0.245056	3.13201	3.13201	0.0831772	6.05545	6.05545	0.13601	4.51933	4.51933	0.0959027	5.5679	5.5679	2.34693	32.768	12.4107	1
cg15565576	IL17REL	0.121904	0.0829296	2.07952	2.07952	0.176475	1.72969	1.72969	0.100546	0.503604	-1.98569	0.397048	1.39193	1.39193	0.0808441	2.0922	2.0922	0.0777226	2.11194	2.11194	0.169104	1.74831	1.74831	0.431287	0.736171	-1.35838	0.246809	1.58692	1.58692	2.34692	5.40479	2.04705	1
cg22717114	SLC25A46	0.121904	0.529427	0.930643	-1.07453	0.709186	0.958614	-1.04317	0.274653	1.13682	1.13682	0.251282	1.1448	1.1448	0.626019	0.946096	-1.05697	0.489583	1.08241	1.08241	0.840815	0.977567	-1.02295	0.010753	0.696574	-1.4356	0.0882516	1.23642	1.23642	2.34692	0.473136	0.179199	1
cg00757804	UBAP1;UBAP1;UBAP1;UBAP1;UBAP1;UBAP1;UBAP1;UBAP1;UBAP1	0.121906	0.645106	1.05128	1.05128	0.608048	1.05737	1.05737	0.162142	1.17463	1.17463	0.0208919	1.34954	1.34954	0.160699	0.850796	-1.17537	0.705469	0.959881	-1.0418	0.0812635	1.23173	1.23173	0.357555	0.903	-1.10742	0.15424	1.17876	1.17876	2.3469	0.432243	0.163712	1
cg27445522	ENAH;ENAH	0.121906	0.739036	1.05169	1.05169	0.452287	0.890979	-1.12236	0.95503	1.00854	1.00854	0.998844	1.00022	1.00022	0.244052	1.20169	1.20169	0.0643007	0.730976	-1.36803	0.0224775	0.662252	-1.51	0.172952	0.803623	-1.24436	0.136005	1.27403	1.27403	2.3469	0.844715	0.319935	1
cg10502136	PHACTR1	0.12191	0.66159	1.15245	1.15245	0.0213943	0.410388	-2.43672	0.12341	0.584154	-1.71188	0.546967	1.21695	1.21695	0.0579352	0.501312	-1.99477	0.596826	0.842006	-1.18764	0.13025	1.69294	1.69294	0.635426	1.16632	1.16632	0.850943	0.941199	-1.06247	2.34687	3.85715	1.46091	1
cg16575184	ZNF367	0.12191	0.20177	0.86208	-1.15999	0.243799	1.1437	1.1437	0.38367	1.10335	1.10335	0.282282	1.1309	1.1309	0.0950617	1.22379	1.22379	0.449944	0.918732	-1.08846	0.255439	0.877467	-1.13964	0.112381	1.20961	1.20961	0.0339501	1.31333	1.31333	2.34686	0.450557	0.170651	1
cg06623827	DRD1;DRD1	0.121912	0.0410419	6.76593	6.76593	0.136109	3.67801	3.67801	0.321131	2.29617	2.29617	0.594386	1.54626	1.54626	0.110699	4.09355	4.09355	0.183942	3.13635	3.13635	0.0101257	13.8829	13.8829	0.0802185	4.82516	4.82516	0.173101	3.24002	3.24002	2.34685	24.4424	9.25778	1
cg00114012	SLC2A8	0.121915	0.647933	0.860836	-1.16166	0.0466731	2.10104	2.10104	0.848179	1.06446	1.06446	0.788224	1.09172	1.09172	0.0359911	0.451548	-2.2146	0.863339	0.945394	-1.05776	0.271707	0.688709	-1.45199	0.0534639	2.04407	2.04407	0.619318	0.849384	-1.17732	2.34683	3.94868	1.49561	1
cg01843020	ISL2	0.121922	0.553625	0.847397	-1.18008	0.11306	1.61058	1.61058	0.654784	1.13243	1.13243	0.289773	0.738126	-1.35478	0.401189	0.788631	-1.26802	0.7994	1.07291	1.07291	0.0252031	0.479226	-2.0867	0.271421	1.37218	1.37218	0.0753206	1.72843	1.72843	2.34676	2.83841	1.07511	1
cg03436453	WASF2	0.121924	0.582957	0.712662	-1.40319	0.0401339	4.25785	4.25785	0.00843335	7.80698	7.80698	0.927868	1.05687	1.05687	0.881084	1.09576	1.09576	0.540099	1.46069	1.46069	0.622433	1.35418	1.35418	0.295483	0.515436	-1.94011	0.675663	0.773331	-1.29311	2.34675	13.8702	5.25369	1
cg04352288	CA5A	0.121924	0.835682	1.15572	1.15572	0.00791185	10.734	10.734	0.104225	0.290065	-3.44751	0.509174	0.627125	-1.59458	0.828559	0.859751	-1.16313	0.679344	0.74854	-1.33593	0.214254	0.402079	-2.48707	0.535893	0.646099	-1.54775	0.470518	0.599577	-1.66784	2.34675	18.0457	6.83526	1
cg23709535	ANKS1A	0.121929	0.0289203	1.68218	1.68218	0.14803	1.368	1.368	0.0689283	1.50834	1.50834	0.357528	1.21054	1.21054	0.0905826	1.45719	1.45719	0.0585251	1.53967	1.53967	0.0485436	1.5762	1.5762	0.184619	1.32861	1.32861	0.694336	0.923347	-1.08302	2.3467	1.5154	0.574008	1
cg20676255	UNC13A	0.121931	0.650237	0.880066	-1.13628	0.0793181	0.579751	-1.72488	0.400368	0.785898	-1.27243	0.983319	1.00587	1.00587	0.453921	1.23801	1.23801	0.200376	1.46017	1.46017	0.0149443	2.31071	2.31071	0.158244	1.52528	1.52528	0.853027	0.94942	-1.05327	2.34669	2.91125	1.10274	1
cg01886556	FAM184B	0.121933	0.169833	0.848914	-1.17798	0.236174	1.14919	1.14919	0.855702	0.979815	-1.0206	0.730946	1.03943	1.03943	0.623559	0.946092	-1.05698	0.816672	0.974322	-1.02635	0.0612971	0.789625	-1.26642	0.242809	1.14674	1.14674	0.0201309	1.36892	1.36892	2.34667	0.466385	0.176661	1
cg04858110	SCRN1;SCRN1;SCRN1;SCRN1	0.121935	0.832856	0.884108	-1.13108	0.00449868	9.09095	9.09095	0.0585616	3.47466	3.47466	0.315825	1.83031	1.83031	0.401987	1.64863	1.64863	0.20344	2.18679	2.18679	0.357783	1.73534	1.73534	0.198534	2.20773	2.20773	0.527953	1.45165	1.45165	2.34665	12.6259	4.78258	1
cg11416811	C10orf107	0.121938	0.0126376	2.72564	2.72564	0.256534	0.681794	-1.46672	0.192595	1.56207	1.56207	0.0760021	1.89386	1.89386	0.771309	1.09885	1.09885	0.85617	1.06044	1.06044	0.234127	0.668045	-1.4969	0.603645	1.18459	1.18459	0.299318	1.41609	1.41609	2.34662	3.88762	1.47261	1
cg10508217	GPR177;GPR177	0.121939	0.580946	0.887214	-1.12712	0.392675	0.828656	-1.20677	0.107238	0.685664	-1.45844	0.478845	0.856819	-1.16711	0.218856	1.31992	1.31992	0.847074	0.959406	-1.04231	0.00888117	2.04363	2.04363	0.938505	0.983575	-1.0167	0.516736	1.15154	1.15154	2.34661	1.71217	0.648567	1
cg16085568	PAH;PAH	0.121941	0.0558347	3.71464	3.71464	0.0898207	3.10381	3.10381	0.493649	1.52357	1.52357	0.84369	1.12702	1.12702	0.0499677	3.87305	3.87305	0.281378	1.9702	1.9702	0.0202794	5.44736	5.44736	0.103894	2.93609	2.93609	0.0652723	3.50246	3.50246	2.3466	13.6352	5.16499	1
cg06886896	TMEM177;TMEM177;TMEM177	0.121941	0.423337	0.833049	-1.20041	0.0713158	0.637677	-1.56819	0.859164	1.04047	1.04047	0.296059	0.78504	-1.27382	0.0421217	0.592723	-1.68713	0.0215212	0.539699	-1.85288	0.188801	1.36478	1.36478	0.757571	0.933178	-1.07161	0.897036	1.02934	1.02934	2.3466	1.85431	0.702409	1
cg07823273	SYCN	0.121945	0.028347	3.27885	3.27885	0.436934	0.694995	-1.43886	0.945931	1.03161	1.03161	0.0588166	0.375615	-2.6623	0.142791	0.485447	-2.05996	0.48918	1.38037	1.38037	0.117066	2.18391	2.18391	0.936385	1.0373	1.0373	0.702503	1.19252	1.19252	2.34656	7.82336	2.96353	1
cg23989712	LSM2	0.121946	0.189541	0.692583	-1.44387	0.120357	0.640606	-1.56102	0.452667	0.81691	-1.22413	0.0746503	0.591623	-1.69027	0.293331	0.749656	-1.33394	0.0514304	0.556461	-1.79707	0.0127114	0.441097	-2.26708	0.45242	1.22427	1.22427	0.452424	0.816818	-1.22426	2.34655	2.59661	0.983612	1
cg25610234	LOC729156	0.121949	0.846178	1.03571	1.03571	0.112125	1.36688	1.36688	0.214487	1.2663	1.2663	0.4162	1.16198	1.16198	0.220013	1.26237	1.26237	0.816526	0.958881	-1.04288	0.0120723	0.568104	-1.76024	0.452396	1.14833	1.14833	0.30274	1.21272	1.21272	2.34653	1.21303	0.459507	1
cg12884762	DIP2B	0.121949	0.0577866	0.386008	-2.59062	0.168881	0.521799	-1.91645	0.302683	0.622647	-1.60605	0.954498	1.02564	1.02564	0.032498	0.32935	-3.03629	0.434882	0.702198	-1.4241	0.0874138	0.432866	-2.31019	0.129005	2.0708	2.0708	0.197399	0.546271	-1.83059	2.34653	7.31773	2.77204	1
cg21317132	SLC1A4;SLC1A4	0.12195	0.8223	0.967427	-1.03367	0.0108364	0.624336	-1.6017	0.344964	1.15396	1.15396	0.772237	0.958174	-1.04365	0.049677	0.719189	-1.39045	0.648511	1.0699	1.0699	0.615676	0.928196	-1.07736	0.785064	0.960554	-1.04107	0.198723	1.22133	1.22133	2.34652	0.805435	0.305109	1
cg24432389	NCOR2;NCOR2	0.121951	0.168596	0.651821	-1.53416	0.0125884	0.404455	-2.47246	0.0281236	0.469292	-2.13087	0.494432	0.816747	-1.22437	0.701392	1.11896	1.11896	0.442953	1.25636	1.25636	0.543299	0.835694	-1.19661	0.555943	1.18978	1.18978	0.814556	0.933749	-1.07095	2.34651	3.16312	1.19823	1
cg26239772	PAGE2B	0.121953	0.732143	0.869414	-1.1502	0.362289	1.46431	1.46431	0.06357	0.4276	-2.33863	0.0417653	0.384485	-2.60088	0.0188649	0.313962	-3.1851	0.781194	1.12009	1.12009	0.448255	0.729953	-1.36995	0.688076	0.848424	-1.17866	0.119838	0.50291	-1.98843	2.34649	6.16504	2.33542	1
cg02489449	ADAMTS17	0.121953	0.152178	1.82227	1.82227	0.0129857	3.3402	3.3402	0.886303	0.945566	-1.05757	0.901421	1.04967	1.04967	0.20331	1.69104	1.69104	0.0373173	2.5741	2.5741	0.423345	1.37701	1.37701	0.0599016	2.29444	2.29444	0.868048	0.93702	-1.06721	2.34649	5.68788	2.15466	1
cg04687241	DLGAP2	0.121955	0.28337	0.698656	-1.43132	0.437574	1.29016	1.29016	0.146151	0.605365	-1.65189	0.416459	0.765528	-1.30629	0.0410532	0.468381	-2.13501	0.783544	0.915218	-1.09264	0.0587838	0.503213	-1.98723	0.0182572	0.397812	-2.51375	0.158967	0.616096	-1.62312	2.34647	3.8467	1.4572	1
cg11417667	PARVA	0.121959	0.171935	0.712405	-1.4037	0.924727	0.978203	-1.02228	0.194674	0.7262	-1.37703	0.51756	0.858129	-1.16533	0.0106193	0.472702	-2.1155	0.139715	0.690315	-1.44861	0.469824	1.18706	1.18706	0.456654	1.19338	1.19338	0.0795195	0.635158	-1.57441	2.34644	2.02109	0.765635	1
cg00614959	PCGF3	0.121959	0.205676	3.14308	3.14308	0.0141585	13.4188	13.4188	0.0191136	11.3894	11.3894	0.28711	2.58083	2.58083	0.722892	1.35717	1.35717	0.321534	2.40725	2.40725	0.508061	0.562163	-1.77884	0.277019	2.63739	2.63739	0.751023	0.761057	-1.31396	2.34644	27.3434	10.3583	1
cg22504778	CNTD1;CCDC56	0.121962	0.450303	0.943615	-1.05975	0.110611	1.14016	1.14016	0.105023	1.14299	1.14299	0.0450101	1.18953	1.18953	0.0244538	1.22416	1.22416	0.409588	1.0657	1.0657	0.562787	1.04513	1.04513	0.181421	1.11298	1.11298	0.0598709	1.17373	1.17373	2.34642	0.211546	0.0801395	1
cg10411658	TUBB8;TUBB8	0.121963	0.731814	1.1511	1.1511	0.0823229	2.19733	2.19733	0.446175	1.37387	1.37387	0.224918	1.68436	1.68436	0.104039	2.06888	2.06888	0.146442	1.89197	1.89197	0.0124633	3.56732	3.56732	0.028554	2.87724	2.87724	0.863372	1.07299	1.07299	2.3464	6.21785	2.35551	1
cg27090985	ANXA7;ANXA7	0.121965	0.169582	1.20695	1.20695	0.914906	0.986353	-1.01384	0.262317	0.86049	-1.16213	0.600304	0.934292	-1.07033	0.774068	0.963676	-1.03769	0.43219	0.902082	-1.10855	0.00755587	0.642873	-1.55552	0.196365	1.19199	1.19199	0.413433	0.898086	-1.11348	2.34638	0.614157	0.232663	1
cg22203582	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.121966	0.288637	0.731281	-1.36746	0.00995159	0.396587	-2.52152	0.109985	0.609601	-1.64042	0.178706	0.666381	-1.50064	0.824929	0.938996	-1.06497	0.092409	0.590855	-1.69246	0.0841586	0.581083	-1.72093	0.68685	0.891242	-1.12203	0.453219	1.24245	1.24245	2.34638	2.99952	1.13632	1
cg14869141	GCLC	0.121969	0.020911	0.583623	-1.71344	0.539549	1.12789	1.12789	0.765993	0.94381	-1.05954	0.795244	1.05168	1.05168	0.148932	0.740882	-1.34974	0.936717	0.984732	-1.0155	0.0428055	0.63651	-1.57107	0.521487	1.13417	1.13417	0.162579	1.3349	1.3349	2.34635	1.39512	0.528526	1
cg11655486	SSX2IP;SSX2IP;SSX2IP;SSX2IP;SSX2IP	0.12197	0.369043	0.899754	-1.11141	0.246496	1.14885	1.14885	0.721208	1.04188	1.04188	0.934663	1.00943	1.00943	0.119735	1.21323	1.21323	0.739704	0.962542	-1.03892	0.0113269	0.695525	-1.43776	0.135702	0.831844	-1.20215	0.743363	1.03833	1.03833	2.34634	0.487185	0.184565	1
cg19568003	AURKC;AURKC;AURKC	0.121972	0.358557	1.2965	1.2965	0.65239	1.13283	1.13283	0.676062	0.890848	-1.12253	0.627896	1.14378	1.14378	0.256827	0.722152	-1.38475	0.00404782	0.345876	-2.89121	0.885902	1.04028	1.04028	0.742775	0.913401	-1.09481	0.285112	0.736846	-1.35714	2.34633	2.81129	1.06504	1
cg04483874	PDK2	0.121972	0.29549	1.35432	1.35432	0.384264	1.28327	1.28327	0.148987	1.54138	1.54138	0.188809	1.47585	1.47585	0.0895212	0.592519	-1.68771	0.0329981	0.498033	-2.0079	0.585996	0.857481	-1.16621	0.356192	0.76696	-1.30385	0.379422	0.777172	-1.28672	2.34632	2.90456	1.10037	1
cg12250307	PPP5C	0.121974	0.335514	0.805419	-1.24159	0.744834	0.931316	-1.07375	0.207814	1.33561	1.33561	0.12976	0.700035	-1.4285	0.321362	1.25012	1.25012	0.146375	0.711974	-1.40455	0.825798	1.0492	1.0492	0.254953	0.771838	-1.29561	0.0129198	0.510471	-1.95898	2.34631	1.76425	0.668379	1
cg03423123	LOC644538	0.121976	0.0178773	0.218677	-4.57295	0.173095	0.465047	-2.15032	0.813466	0.882644	-1.13296	0.0626613	3.02323	3.02323	0.670949	0.797963	-1.25319	0.0840754	0.364419	-2.7441	0.50412	0.699065	-1.43048	0.298758	0.566205	-1.76615	0.482902	0.686186	-1.45733	2.34629	10.3645	3.92656	1
cg10663370	RICH2	0.121976	0.367732	1.10112	1.10112	0.231636	0.877551	-1.13953	0.041318	0.782679	-1.27766	0.771279	1.03081	1.03081	0.0741426	0.812867	-1.23021	0.899684	1.01322	1.01322	0.0452654	0.78731	-1.27015	0.760388	0.968655	-1.03236	0.174759	1.16216	1.16216	2.34629	0.402806	0.152602	1
cg08272835	PDCL2	0.121976	0.597723	0.693011	-1.44298	0.0632342	0.237237	-4.2152	0.562421	0.668104	-1.49677	0.888411	1.10151	1.10151	0.0216158	0.149641	-6.68265	0.931193	0.942263	-1.06128	0.0219544	0.150654	-6.63774	0.64403	0.725838	-1.37772	0.0605917	0.232939	-4.29297	2.34629	17.6226	6.67631	1
cg03834261	CCDC38;AMDHD1	0.121978	0.270473	1.42667	1.42667	0.753029	0.906869	-1.1027	0.0587195	1.93727	1.93727	0.403029	0.767182	-1.30347	0.427478	0.778091	-1.2852	0.0253588	0.439038	-2.27771	0.20025	1.52049	1.52049	0.220517	1.49021	1.49021	0.91332	0.96684	-1.0343	2.34627	3.56419	1.3503	1
cg03467405	PARVG;PARVG;PARVG;PARVG;PARVG;PARVG	0.121979	0.930635	1.04524	1.04524	0.171848	0.477475	-2.09435	0.0214505	0.24551	-4.07315	0.210265	0.511181	-1.95625	0.137975	0.444045	-2.25203	0.420683	1.51911	1.51911	0.0270076	0.264245	-3.78437	0.134804	0.440681	-2.26922	0.360433	0.620101	-1.61264	2.34627	9.59955	3.63681	1
cg24072451	NCKAP5;NCKAP5	0.121982	0.216547	0.439098	-2.27739	0.040029	4.49088	4.49088	0.145656	2.68802	2.68802	0.472838	0.62994	-1.58745	0.283761	0.494191	-2.02351	0.88515	1.09579	1.09579	0.094413	0.312336	-3.20168	0.271911	2.06236	2.06236	0.219356	0.44153	-2.26485	2.34624	14.8856	5.63953	1
cg21789545	COL9A1	0.121986	0.156614	0.647443	-1.54454	0.405468	0.783333	-1.2766	0.0390435	0.503919	-1.98445	0.0481372	0.523077	-1.91177	0.636724	0.872412	-1.14625	0.981353	1.00673	1.00673	0.16999	1.52097	1.52097	0.129695	1.59949	1.59949	0.559907	0.844393	-1.18428	2.3462	3.05881	1.15887	1
cg22356381	PTPRQ	0.121987	0.174947	2.897	2.897	0.0242405	7.24659	7.24659	0.858581	1.14053	1.14053	0.386408	1.92444	1.92444	0.713455	1.3125	1.3125	0.663115	1.38149	1.38149	0.598514	1.47956	1.47956	0.00831765	12.0245	12.0245	0.092486	3.91621	3.91621	2.3462	20.1991	7.65271	1
cg24126432	IGF2BP3	0.121989	0.0342721	0.392938	-2.54493	0.0793127	0.478682	-2.08907	0.0164879	0.330182	-3.02863	0.225721	0.618059	-1.61797	0.305597	0.669506	-1.49364	0.635285	0.834679	-1.19807	0.081025	0.481107	-2.07854	0.253564	0.637011	-1.56983	0.063008	0.453395	-2.20558	2.34618	5.3153	2.01379	1
cg15900987	BGLAP	0.12199	0.0680706	0.401329	-2.49172	0.057512	0.38296	-2.61124	0.08896	0.43248	-2.31224	0.669505	0.825432	-1.21149	0.0200034	0.285267	-3.50549	0.0504031	0.369192	-2.70862	0.851064	0.919444	-1.08761	0.234645	0.573138	-1.74478	0.119534	0.470123	-2.1271	2.34617	7.41849	2.81062	1
cg05731122	RPAP3;RPAP3;RPAP3	0.12199	0.971073	0.978375	-1.0221	0.943433	1.04371	1.04371	0.921862	1.06094	1.06094	0.00870487	0.133242	-7.50513	0.764673	1.19842	1.19842	0.93873	1.04744	1.04744	0.0242067	0.197882	-5.05352	0.161734	0.406216	-2.46174	0.73724	0.816263	-1.22509	2.34617	13.5069	5.11734	1
cg08681689	EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.12199	0.0625293	0.607265	-1.64673	0.485265	1.18382	1.18382	0.101488	1.53213	1.53213	0.147686	1.44719	1.44719	0.507103	0.852016	-1.17369	0.232751	0.742482	-1.34683	0.0526819	0.592071	-1.68899	0.475633	0.841463	-1.18841	0.411168	0.818754	-1.22137	2.34617	2.10402	0.797147	1
cg02095334	COL11A2;COL11A2;COL11A2	0.121991	0.383596	0.791437	-1.26352	0.134926	1.52491	1.52491	0.467606	1.21349	1.21349	0.0746609	0.594606	-1.68179	0.0524126	1.78157	1.78157	0.943549	0.981631	-1.01871	0.122654	1.5495	1.5495	0.544035	0.851485	-1.17442	0.181813	0.690009	-1.44926	2.34616	2.54689	0.96494	1
cg13502215	GABBR2	0.121992	0.298436	0.62219	-1.60723	0.124482	2.07983	2.07983	0.946094	1.03022	1.03022	0.104262	0.457538	-2.18561	0.381605	0.673628	-1.4845	0.203866	0.554107	-1.80471	0.0196581	0.289161	-3.45828	0.0771096	0.42091	-2.3758	0.331197	0.643134	-1.55489	2.34615	7.20233	2.72875	1
cg18631201	C12orf34	0.121992	0.20793	0.728966	-1.37181	0.514173	1.17059	1.17059	0.0443606	1.73298	1.73298	0.0453185	0.578867	-1.72751	0.932061	1.02051	1.02051	0.783981	1.06761	1.06761	0.106842	0.657598	-1.52069	0.138799	0.684286	-1.46138	0.584316	0.876744	-1.14058	2.34615	2.10638	0.798048	1
cg03892781	CRTAC1	0.121993	0.18746	0.459294	-2.17725	0.34968	0.584984	-1.70945	0.354606	0.58837	-1.69961	0.642955	0.77105	-1.29693	0.00266693	0.0989157	-10.1096	0.732217	0.825886	-1.21082	0.887564	0.924232	-1.08198	0.277859	0.533395	-1.87478	0.210186	0.479289	-2.08643	2.34615	11.5262	4.36694	1
cg10986455	GDPD2;GDPD2;GDPD2;GDPD2	0.121993	0.0770436	0.252335	-3.96298	0.0266005	0.158719	-6.30045	0.115801	0.302025	-3.31099	0.307175	0.476924	-2.09677	0.0465084	0.202523	-4.93771	0.0855563	0.264197	-3.78505	0.0659189	0.235721	-4.24231	0.0603415	0.226813	-4.40891	0.459896	0.590374	-1.69384	2.34614	18.2277	6.90596	1
cg26681383	CACNA2D3	0.121994	0.190215	0.775975	-1.2887	0.0107161	0.556362	-1.79739	0.0138664	0.573561	-1.74349	0.744216	0.9419	-1.06168	0.269632	0.810448	-1.23389	0.815252	0.958111	-1.04372	0.81203	0.95738	-1.04452	0.941248	0.986615	-1.01357	0.263064	0.807898	-1.23778	2.34614	1.24199	0.470558	1
cg23171019	PPP4R1L	0.121999	0.0376195	0.532551	-1.87775	0.142049	1.51041	1.51041	0.0463803	0.550958	-1.81502	0.762605	0.923907	-1.08236	0.875634	0.959909	-1.04177	0.969629	1.01	1.01	0.33179	1.29899	1.29899	0.7169	0.909251	-1.09981	0.0604422	0.575149	-1.73868	2.34609	2.53599	0.960835	1
cg02273903	KIAA1199	0.122002	0.0570441	0.379083	-2.63795	0.0331046	3.07204	3.07204	0.2873	0.607913	-1.64497	0.0793675	0.415898	-2.40443	0.262611	0.590862	-1.69244	0.586831	0.780992	-1.28042	0.391752	0.673487	-1.48481	0.836564	1.09752	1.09752	0.459237	1.40422	1.40422	2.34607	7.54062	2.85703	1
cg09537396	RASA3	0.122002	0.0415513	2.55426	2.55426	0.0194423	3.08763	3.08763	0.551114	0.786111	-1.27209	0.459432	1.35064	1.35064	0.20896	0.589481	-1.69641	0.465245	0.743369	-1.34523	0.17232	1.78546	1.78546	0.499904	1.31426	1.31426	0.849537	0.927014	-1.07873	2.34606	5.91676	2.24177	1
cg05629964	LOC221442	0.122003	0.18991	0.795152	-1.25762	0.739383	0.946371	-1.05667	0.516355	1.11476	1.11476	0.843542	0.967902	-1.03316	0.278609	1.20442	1.20442	0.709288	1.06378	1.06378	0.117561	0.755303	-1.32397	0.20372	1.24792	1.24792	0.0119679	0.595913	-1.6781	2.34606	1.01281	0.383741	1
cg25373630	BCL2	0.122004	0.258726	0.564969	-1.77001	0.0502487	0.339082	-2.94914	0.0611611	0.359747	-2.77973	0.0987718	0.415984	-2.40394	0.163714	0.486672	-2.05477	0.0898943	0.404206	-2.47398	0.015493	0.237188	-4.21607	0.853844	0.914521	-1.09347	0.156517	0.4798	-2.0842	2.34604	8.72395	3.3054	1
cg23199257	RCN3	0.122005	0.0548798	0.6109	-1.63693	0.320308	0.792594	-1.26168	0.0633269	0.623329	-1.60429	0.392407	0.820102	-1.21936	0.00658908	0.44997	-2.22237	0.113984	0.677597	-1.4758	0.273746	0.772748	-1.29408	0.446861	0.839044	-1.19183	0.299981	0.784173	-1.27523	2.34604	1.9037	0.721293	1
cg08052120	ZNF649	0.122006	0.212774	1.55726	1.55726	0.0602346	2.04494	2.04494	0.0338732	2.30736	2.30736	0.209566	1.56266	1.56266	0.370836	0.73332	-1.36366	0.60029	1.19537	1.19537	0.0433485	2.19095	2.19095	0.0698355	1.98238	1.98238	0.951954	0.979867	-1.02055	2.34603	4.23322	1.60393	1
cg05610097	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.122009	0.188196	0.34959	-2.8605	0.655765	1.40238	1.40238	0.166089	3.04383	3.04383	0.525175	0.615512	-1.62466	0.0288611	0.143371	-6.97492	0.44302	0.554598	-1.80311	0.023813	0.130928	-7.63779	0.636865	1.43107	1.43107	0.399641	0.522105	-1.91532	2.34601	21.1081	7.99774	1
cg23876203	HOXA3;HOXA3	0.122012	0.0947847	2.81543	2.81543	0.0384663	3.86461	3.86461	0.0512808	3.49446	3.49446	0.162135	2.31974	2.31974	0.146475	2.40777	2.40777	0.167394	2.29258	2.29258	0.44736	1.54741	1.54741	0.0281223	4.31424	4.31424	0.0521623	3.47368	3.47368	2.34598	11.8087	4.47431	1
cg19448292	C20orf118	0.122013	0.321836	0.682136	-1.46598	0.305096	1.48725	1.48725	0.396234	0.722735	-1.38363	0.413705	1.36659	1.36659	0.00586506	0.259791	-3.84924	0.27692	0.655303	-1.52601	0.242972	0.633391	-1.5788	0.644318	1.18977	1.18977	0.781327	0.901219	-1.10961	2.34597	5.19034	1.96662	1
cg27621484	MCF2L;MCF2L	0.122013	0.752519	1.17324	1.17324	0.00968946	5.22272	5.22272	0.00985116	5.19425	5.19425	0.621688	1.2856	1.2856	0.842518	1.10569	1.10569	0.596154	1.31014	1.31014	0.599655	1.30671	1.30671	0.760036	1.16734	1.16734	0.878837	1.0801	1.0801	2.34597	9.47845	3.59139	1
ch.22.427671F	DRG1	0.122014	0.201075	0.662368	-1.50973	0.0133046	0.392305	-2.54904	0.0217798	0.431688	-2.31649	0.142544	0.618241	-1.61749	0.1386	0.614836	-1.62645	0.706759	1.12221	1.12221	0.310245	0.725915	-1.37757	0.524008	0.821191	-1.21774	0.935911	0.975764	-1.02484	2.34596	3.45809	1.31028	1
cg23686403	PARD6G	0.122017	0.808044	0.944595	-1.05866	0.242797	1.33141	1.33141	0.111768	1.50017	1.50017	0.510817	0.855396	-1.16905	0.278701	0.76816	-1.30181	0.419578	0.824379	-1.21303	0.0963255	1.53366	1.53366	0.0786341	1.57998	1.57998	0.0357453	1.77221	1.77221	2.34593	2.0375	0.772021	1
cg00580860	RPUSD2	0.122017	0.802992	0.946439	-1.05659	0.35654	1.23224	1.23224	0.0213415	1.83899	1.83899	0.0856101	0.658076	-1.51958	0.325241	0.799551	-1.2507	0.890472	1.03081	1.03081	0.0647367	0.633267	-1.57911	0.782952	1.0627	1.0627	0.642651	1.10838	1.10838	2.34593	1.80191	0.682756	1
cg16050349	PIK3CB	0.122018	0.296405	0.748198	-1.33654	0.0100726	2.38719	2.38719	0.920543	0.973621	-1.02709	0.372362	0.782399	-1.27812	0.267377	0.73375	-1.36286	0.788099	0.930361	-1.07485	0.273461	1.35712	1.35712	0.717003	0.907073	-1.10245	0.140747	0.654077	-1.52887	2.34592	2.66734	1.01068	1
cg01176516	ZNF727	0.12202	0.14047	3.01919	3.01919	0.209371	2.51432	2.51432	0.406458	0.553333	-1.80723	0.191673	0.38167	-2.62006	0.051033	0.212536	-4.70509	0.0839157	0.263744	-3.79155	0.127734	0.31741	-3.1505	0.409593	0.555619	-1.79979	0.498759	1.61369	1.61369	2.34591	18.0417	6.83619	1
cg04704294	PDE4B;PDE4B	0.12202	0.0423596	3.53586	3.53586	0.0348886	3.77397	3.77397	0.124046	2.45883	2.45883	0.119089	2.49365	2.49365	0.229941	1.97468	1.97468	0.0569663	3.20136	3.20136	0.144901	2.32967	2.32967	0.0312162	3.91794	3.91794	0.258341	1.89097	1.89097	2.34591	10.8413	4.10786	1
cg11551257	PHGDH	0.12202	0.663348	0.932372	-1.07253	0.252547	1.21055	1.21055	0.00635044	1.76473	1.76473	0.835772	1.03374	1.03374	0.285637	1.19398	1.19398	0.248525	1.2127	1.2127	0.107353	1.32443	1.32443	0.308916	0.845051	-1.18336	0.778313	1.04616	1.04616	2.34591	0.94966	0.359836	1
cg09438457	ZNF222;ZNF222	0.122024	0.629492	0.874299	-1.14377	0.433776	0.801944	-1.24697	0.689677	1.1173	1.1173	0.00432481	2.86908	2.86908	0.729715	0.908606	-1.10059	0.499914	0.827593	-1.20832	0.21806	0.699047	-1.43052	0.968428	1.011	1.011	0.849015	1.05408	1.05408	2.34588	2.8371	1.07502	1
cg26362368	PEX14	0.122024	0.604016	0.736953	-1.35694	0.00406558	0.105398	-9.48786	0.0735585	0.312298	-3.20207	0.984145	0.988475	-1.01166	0.822592	0.877212	-1.13997	0.731123	0.817723	-1.22291	0.785551	0.852906	-1.17246	0.257263	0.501711	-1.99318	0.518382	1.46516	1.46516	2.34588	12.6442	4.79109	1
cg05484691	DIP2C	0.122026	0.0706054	0.724442	-1.38037	0.105935	0.754474	-1.32543	0.195103	0.803614	-1.24438	0.524921	0.902318	-1.10826	0.159142	0.786573	-1.27134	0.445799	0.883385	-1.13201	0.0255289	1.52712	1.52712	0.453099	0.885203	-1.12968	0.991404	0.998283	-1.00172	2.34586	0.945675	0.358334	1
cg10970028	PCSK1N	0.122026	0.709431	1.1554	1.1554	0.00869943	3.63398	3.63398	0.448748	1.34705	1.34705	0.640221	1.19921	1.19921	0.225298	0.611728	-1.63471	0.709431	1.1554	1.1554	0.223296	1.63854	1.63854	0.0414979	2.47743	2.47743	0.935852	0.969413	-1.03155	2.34585	5.53334	2.09669	1
cg13152158	PRDM16;PRDM16	0.12203	0.0965095	0.307788	-3.24899	0.0092097	0.118255	-8.45632	0.926834	1.06111	1.06111	0.693936	0.774607	-1.29098	0.0801563	0.285476	-3.50292	0.307646	0.505639	-1.9777	0.22794	0.441646	-2.26426	0.052097	0.240067	-4.16551	0.958912	0.967278	-1.03383	2.34583	15.4928	5.87059	1
cg19484559	CSGALNACT1;CSGALNACT1;CSGALNACT1	0.122032	0.0371131	0.137829	-7.25535	0.41379	0.504545	-1.98198	0.138015	0.270434	-3.69775	0.33762	2.24664	2.24664	0.725041	0.748892	-1.33531	0.365785	2.14011	2.14011	0.0478164	0.156793	-6.37785	0.57531	1.58961	1.58961	0.0712363	0.19207	-5.20644	2.34581	24.9098	9.43899	1
cg27116770	TRIM54;TRIM54	0.122039	0.0378848	0.482808	-2.07122	0.373516	1.31824	1.31824	0.369397	0.756679	-1.32157	0.252826	1.43512	1.43512	0.713107	0.894316	-1.11817	0.0902516	0.568554	-1.75885	0.0612756	0.528456	-1.8923	0.58397	0.845982	-1.18206	0.200241	1.50566	1.50566	2.34575	3.39857	1.28784	1
cg00887902	XKR4	0.122042	0.252981	0.815817	-1.22576	0.383946	1.1644	1.1644	0.797244	1.04487	1.04487	0.284442	0.827308	-1.20874	0.0404832	0.668028	-1.49694	0.0209895	0.622853	-1.60551	0.257689	1.22309	1.22309	0.714782	0.939342	-1.06458	0.166585	0.777666	-1.2859	2.34572	1.07994	0.409232	1
cg14752429	GPR113;GPR113;SELI	0.122043	0.718535	0.917069	-1.09043	0.829297	0.949665	-1.053	0.929228	0.978976	-1.02148	0.056919	0.597285	-1.67424	0.21001	0.729067	-1.37162	0.85361	1.04517	1.04517	0.00541628	0.416656	-2.40006	0.896464	0.969339	-1.03163	0.464733	1.1948	1.1948	2.34571	2.12555	0.80546	1
cg06906472	ST6GAL2;ST6GAL2;ST6GAL2	0.122043	0.237565	2.33419	2.33419	0.585426	1.45843	1.45843	0.289027	2.12552	2.12552	0.156773	0.354304	-2.82244	0.0149278	0.128644	-7.77339	0.48299	0.613581	-1.62978	0.290625	2.11982	2.11982	0.20307	0.39831	-2.51061	0.606887	1.42698	1.42698	2.34571	17.4371	6.60765	1
cg19183842	DLL3;DLL3	0.122043	0.0247029	7.74373	7.74373	0.283952	2.34424	2.34424	0.0696413	4.72555	4.72555	0.0898119	4.18384	4.18384	0.829089	0.847503	-1.17994	0.113527	3.73582	3.73582	0.191174	2.88418	2.88418	0.0391032	6.21832	6.21832	0.0938202	4.09686	4.09686	2.34571	21.7625	8.24673	1
cg19343224	PTPN1	0.122044	0.500855	0.901012	-1.10986	0.0785159	1.34734	1.34734	0.667882	1.06807	1.06807	0.363905	0.867321	-1.15298	0.0367866	1.44783	1.44783	0.0649406	0.728919	-1.3719	0.302523	0.849639	-1.17697	0.518825	0.905036	-1.10493	0.393967	1.14249	1.14249	2.3457	0.864659	0.327657	1
cg05501666	PACRG;PACRG;PACRG	0.122044	0.691164	0.800401	-1.24937	0.0165532	0.195507	-5.1149	0.0396315	0.265364	-3.76841	0.160871	2.30494	2.30494	0.610887	0.751187	-1.33123	0.402928	0.620492	-1.61162	0.841513	0.894378	-1.1181	0.267229	0.524957	-1.90492	0.369054	1.67259	1.67259	2.3457	11.5491	4.37644	1
cg02317018	PCMTD2;PCMTD2	0.122044	0.728662	1.07894	1.07894	0.689221	0.91603	-1.09167	0.776201	1.06416	1.06416	0.0649292	1.57179	1.57179	0.366567	1.22432	1.22432	0.247907	0.768319	-1.30154	0.00706946	2.13714	2.13714	0.937578	1.01724	1.01724	0.284543	1.27448	1.27448	2.3457	1.7684	0.670126	1
cg22973789	SATB2	0.122044	0.218636	0.160384	-6.23505	0.841175	0.752912	-1.32818	0.630984	1.98295	1.98295	0.467285	0.35125	-2.84698	0.125537	10.4344	10.4344	0.462226	2.88234	2.88234	0.00751644	129.819	129.819	0.800909	0.699481	-1.42963	0.427223	0.317699	-3.14763	2.3457	74.3318	28.1676	1
cg08616702	NR2E1	0.122046	0.999981	1.00001	1.00001	0.151106	1.71572	1.71572	0.28809	1.47255	1.47255	0.424378	0.751059	-1.33145	0.436973	0.757115	-1.3208	0.89476	0.954622	-1.04754	0.321241	0.697961	-1.43274	0.00723266	3.374	3.374	0.351527	1.39994	1.39994	2.34568	4.57407	1.73333	1
cg20314552	HK1;HK1;HK1;HK1;HK1	0.122051	0.339087	0.575062	-1.73894	0.658731	1.28348	1.28348	0.315587	1.79077	1.79077	0.801841	0.868316	-1.15165	0.00628903	0.135533	-7.3783	0.950717	0.965889	-1.03532	0.428353	1.57462	1.57462	0.129191	0.398281	-2.51079	0.322334	0.563243	-1.77543	2.34564	11.7127	4.43858	1
cg26464185	NUBP2	0.122052	0.0196924	1.5809	1.5809	0.22217	0.811734	-1.23193	0.0697721	1.39053	1.39053	0.401287	1.14989	1.14989	0.847436	0.969172	-1.03181	0.116796	0.75804	-1.31919	0.31087	1.18585	1.18585	0.889345	1.02289	1.02289	0.839877	0.967645	-1.03344	2.34563	0.98188	0.372088	1
cg00105102	PAQR6;PAQR6	0.12206	0.230638	1.94072	1.94072	0.319434	1.7203	1.7203	0.180381	2.11708	2.11708	0.0425491	3.42571	3.42571	0.769804	1.16733	1.16733	0.0432282	3.40799	3.40799	0.0378534	3.55952	3.55952	0.024943	4.08333	4.08333	0.165861	2.17963	2.17963	2.34556	10.3277	3.91384	1
cg13226172	CNTFR;CNTFR	0.122061	0.220276	1.28455	1.28455	0.675184	0.921379	-1.08533	0.232405	1.27547	1.27547	0.0108187	0.536919	-1.86248	0.291628	0.808479	-1.23689	0.0715439	0.676402	-1.47841	0.595232	0.901064	-1.1098	0.840791	0.961675	-1.03985	0.948246	0.987467	-1.01269	2.34556	1.40234	0.531439	1
cg09725202	PDS5B	0.122064	0.136938	0.706972	-1.41448	0.0300142	0.575529	-1.73753	0.207481	1.33335	1.33335	0.220083	0.75648	-1.32191	0.481257	0.856462	-1.16759	0.0974757	0.674629	-1.4823	0.388768	0.825987	-1.21067	0.100624	0.677564	-1.47588	0.0515795	0.619043	-1.6154	2.34553	1.74026	0.659511	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25392935	VCL;VCL	0.122064	0.0589796	1.35618	1.35618	0.165576	1.23526	1.23526	0.598105	0.926817	-1.07896	0.184267	1.22289	1.22289	0.437102	1.11992	1.11992	0.319435	1.15835	1.15835	0.0611657	0.739755	-1.3518	0.04763	1.38214	1.38214	0.569816	1.08552	1.08552	2.34552	0.758272	0.287364	1
cg09417889	MIR92B	0.122065	0.0559272	0.743446	-1.34509	0.176731	0.821527	-1.21725	0.11828	0.79281	-1.26134	0.299808	1.15847	1.15847	0.538961	0.918366	-1.08889	0.480046	0.906392	-1.10328	0.444694	0.898825	-1.11256	0.781123	1.03887	1.03887	0.0332972	1.40576	1.40576	2.34552	0.696224	0.26385	1
cg03493774	SLC24A4;SLC24A4;SLC24A4	0.122066	0.0206185	0.234756	-4.25975	0.903967	0.93919	-1.06475	0.828919	1.11905	1.11905	0.378324	0.625113	-1.59971	0.0671613	0.344242	-2.90494	0.997483	1.00164	1.00164	0.0221057	0.240176	-4.16362	0.161507	0.459721	-2.17523	0.138813	0.436836	-2.28919	2.34551	10.0362	3.80348	1
cg08262220	PRDM16;PRDM16	0.122067	0.0268395	0.20028	-4.993	0.186491	0.423693	-2.3602	0.804633	0.859013	-1.16413	0.260002	0.48652	-2.05541	0.0168695	0.167354	-5.97537	0.999489	1.00039	1.00039	0.426483	1.64528	1.64528	0.103299	0.335337	-2.98207	0.264913	0.490427	-2.03904	2.3455	13.9678	5.29347	1
cg13335863	ZNF716	0.122069	0.0956225	0.768683	-1.30093	0.526698	0.911938	-1.09657	0.322417	0.863383	-1.15823	0.276267	1.17675	1.17675	0.012304	0.638884	-1.56523	0.618732	0.930438	-1.07476	0.5545	0.91767	-1.08972	0.156703	0.804367	-1.24321	0.0484309	0.723211	-1.38272	2.34549	0.767224	0.290761	1
cg26920327	SPTBN4;SPTBN4	0.122069	0.0262067	0.463199	-2.1589	0.934797	0.976406	-1.02416	0.568345	0.845134	-1.18324	0.218227	0.685276	-1.45927	0.595607	0.855298	-1.16918	0.317295	0.73959	-1.3521	0.0231106	0.452656	-2.20918	0.344446	1.32866	1.32866	0.223958	1.4518	1.4518	2.34549	3.1632	1.19878	1
cg23566468	ORAI2;ORAI2	0.122069	0.116044	0.415955	-2.40411	0.281456	1.77688	1.77688	0.224272	1.9263	1.9263	0.361707	1.61849	1.61849	0.120115	0.420674	-2.37714	0.0328773	0.277578	-3.60259	0.173999	0.475812	-2.10167	0.62518	1.28768	1.28768	0.367817	0.621844	-1.60812	2.34548	9.79703	3.71287	1
cg22583981	HS3ST3A1;HS3ST3A1	0.122073	0.0618604	2.38313	2.38313	0.0923614	0.465336	-2.14898	0.849597	1.08156	1.08156	0.10822	2.06204	2.06204	0.281281	1.58797	1.58797	0.0789186	2.23831	2.23831	?	?	?	0.301368	1.55615	1.55615	0.430405	0.717216	-1.39428	2.36796	5.68544	2.40099	1
cg05846642	FAM115C;FAM115C;FAM115C	0.122075	0.84338	1.10115	1.10115	0.927343	1.04543	1.04543	0.681185	1.22291	1.22291	0.519226	1.37477	1.37477	0.0263869	0.277312	-3.60605	0.0303689	0.28944	-3.45495	0.453446	1.45065	1.45065	0.119153	2.27922	2.27922	0.542885	1.34988	1.34988	2.34544	8.81446	3.34056	1
cg13859861	POLD2;POLD2	0.122075	0.813959	1.1755	1.1755	0.596807	1.44222	1.44222	0.211899	2.4645	2.4645	0.816461	0.852596	-1.17289	0.595301	1.44443	1.44443	0.00435996	0.0733618	-13.6311	0.65633	1.35961	1.35961	0.418798	1.76237	1.76237	0.827433	1.16154	1.16154	2.34543	17.4764	6.62335	1
cg21164355	CDK5RAP1;CDK5RAP1	0.122079	0.629507	0.915418	-1.0924	0.0951717	1.39563	1.39563	0.533798	1.12139	1.12139	0.498398	0.882538	-1.1331	0.862271	1.03207	1.03207	0.0128995	0.570503	-1.75284	0.907684	1.02131	1.02131	0.94142	1.01345	1.01345	0.0786309	1.42635	1.42635	2.3454	1.22777	0.465316	1
cg10580293	PRR15	0.122081	0.819667	1.10765	1.10765	0.0114336	4.12541	4.12541	0.244313	1.72528	1.72528	0.280735	0.605303	-1.65207	0.401223	0.680642	-1.4692	0.143421	2.02184	2.02184	0.172813	0.522256	-1.91477	0.935064	1.03716	1.03716	0.545298	1.31533	1.31533	2.34538	7.44732	2.82251	1
cg22465341	BFSP2	0.122084	0.515176	1.10746	1.10746	0.273595	1.1927	1.1927	0.36903	1.15338	1.15338	0.111164	1.30788	1.30788	0.379842	1.14951	1.14951	0.0530453	1.40497	1.40497	0.00750364	1.70278	1.70278	0.393635	0.873585	-1.14471	0.449578	1.12656	1.12656	2.34535	0.888596	0.336778	1
cg01749718	NTF3	0.122088	0.120656	0.310712	-3.21841	0.414919	1.78373	1.78373	0.687641	1.32402	1.32402	0.0317554	0.174105	-5.74365	0.0995661	0.285502	-3.50261	0.434482	0.574777	-1.7398	0.414989	0.560675	-1.78357	0.0192557	0.139992	-7.14326	0.318618	0.488811	-2.04578	2.34532	17.9124	6.7889	1
cg07987697	ARHGEF4;ARHGEF4	0.122089	0.576104	1.28847	1.28847	0.0291748	3.16864	3.16864	0.0330774	3.05921	3.05921	0.265354	1.68346	1.68346	0.101474	0.447266	-2.2358	0.582399	1.283	1.283	0.18775	1.87087	1.87087	0.452261	1.41004	1.41004	0.641496	0.810252	-1.23418	2.34531	7.47902	2.8346	1
cg23371825	TOR2A;TOR2A;TOR2A;TOR2A	0.122093	0.147039	0.698427	-1.43179	0.173763	1.39624	1.39624	0.795278	0.94179	-1.06181	0.567974	0.875357	-1.14239	0.0135877	0.494453	-2.02244	0.130702	0.686306	-1.45708	0.56731	1.14266	1.14266	0.428547	1.20492	1.20492	0.440664	1.19885	1.19885	2.34527	1.97598	0.748922	1
cg01520983	ZBTB44	0.122094	0.241387	0.720723	-1.3875	0.0909694	1.64419	1.64419	0.913907	0.971532	-1.0293	0.121358	0.638566	-1.56601	0.0410726	1.87669	1.87669	0.0979878	0.61585	-1.62377	0.350844	0.773805	-1.29232	0.876957	1.04225	1.04225	0.594801	1.15415	1.15415	2.34527	2.64907	1.00404	1
cg05219423	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.122095	0.0293137	0.458943	-2.17892	0.489592	0.808208	-1.2373	0.444783	0.789524	-1.26659	0.0133945	0.394881	-2.53241	0.331641	0.737963	-1.35508	0.427806	0.782234	-1.27839	0.459453	0.795726	-1.25671	0.202463	1.50416	1.50416	0.180668	0.649711	-1.53915	2.34526	3.4185	1.29566	1
cg13927290	GOLGA6L5	0.122095	0.959054	0.990438	-1.00965	0.927742	0.983168	-1.01712	0.868769	0.969527	-1.03143	0.693035	0.92844	-1.07708	0.635707	0.914566	-1.09342	0.576891	0.899887	-1.11125	0.00683274	1.92652	1.92652	0.0702633	0.68475	-1.46039	0.396372	1.1765	1.1765	2.34525	1.30095	0.493079	1
cg13446199	PSCA	0.122096	0.0439091	0.25918	-3.85832	0.797398	1.16183	1.16183	0.1024	0.352692	-2.83534	0.508819	0.676523	-1.47815	0.155848	0.41258	-2.42377	0.66166	0.773553	-1.29274	0.193079	0.447938	-2.23245	0.0253072	0.212139	-4.7139	0.0267115	0.216366	-4.62179	2.34525	12.6278	4.78614	1
cg00665374	AKAP7;AKAP7;AKAP7	0.122097	0.993068	1.00435	1.00435	0.00631098	0.169115	-5.91314	0.093032	0.397225	-2.51746	0.592731	1.30965	1.30965	0.452046	0.68195	-1.46638	0.239986	1.84914	1.84914	0.776257	1.153	1.153	0.719741	1.19724	1.19724	0.859461	0.915257	-1.09259	2.34524	9.27234	3.51439	1
cg21692620	CNTNAP1	0.122099	0.265166	0.585506	-1.70793	0.210712	0.544487	-1.83659	0.331698	1.58667	1.58667	0.766061	0.871501	-1.14745	0.0579956	0.372398	-2.6853	0.534097	0.748064	-1.33678	0.0184751	0.267884	-3.73296	0.0349817	0.322202	-3.10364	0.315308	0.619646	-1.61383	2.34522	7.89214	2.99129	1
cg01414830	IRAK1BP1	0.1221	0.133678	0.617635	-1.61908	0.784989	0.921767	-1.08487	0.652481	0.873689	-1.14457	0.860168	1.05393	1.05393	0.0382423	0.489002	-2.04498	0.0113615	0.389061	-2.57029	0.138642	0.621966	-1.60781	0.0862984	0.568646	-1.75856	0.985622	0.994646	-1.00538	2.34521	3.29584	1.2492	1
cg00612751	FMNL2	0.1221	0.346592	0.521165	-1.91878	0.0187783	6.78288	6.78288	0.226842	2.347	2.347	0.388607	0.55206	-1.8114	0.79273	1.19371	1.19371	0.64009	1.3725	1.3725	0.250566	0.446084	-2.24173	0.0391649	4.97681	4.97681	0.88196	1.10506	1.10506	2.34521	16.7917	6.36444	1
cg09985802	LHPP;LHPP	0.122102	0.124508	0.261505	-3.82402	0.194198	0.330316	-3.0274	0.968287	1.03258	1.03258	0.354822	0.464095	-2.15473	0.168898	0.306617	-3.26139	0.197303	0.333148	-3.00167	0.00956718	0.070925	-14.0994	0.0287699	0.124948	-8.00336	0.228151	0.360545	-2.77358	2.34519	24.1579	9.15645	1
cg16935709	NEK11;NEK11;ASTE1;ASTE1;NEK11	0.122103	0.372434	0.699417	-1.42976	0.295596	0.654782	-1.52723	0.105927	0.501846	-1.99264	0.036316	0.386674	-2.58616	0.097467	0.49165	-2.03397	0.521999	0.776187	-1.28835	0.355672	1.44909	1.44909	0.226343	1.64209	1.64209	0.186676	1.7272	1.7272	2.34519	5.66155	2.14588	1
cg12270480	C18orf55	0.122105	0.166147	0.331768	-3.01415	0.0497964	0.187881	-5.32252	0.148282	0.313894	-3.18579	0.255444	0.411842	-2.42811	0.0115604	0.0944611	-10.5864	0.103768	0.264672	-3.77826	0.055415	0.197436	-5.06493	0.695613	0.745426	-1.34151	0.193533	0.357721	-2.79548	2.34517	20.7372	7.85999	1
cg23761264	PLCG1;PLCG1	0.122105	0.548509	0.920703	-1.08613	0.0344093	1.39899	1.39899	0.107893	1.26963	1.26963	0.0476098	1.36109	1.36109	0.141608	1.23995	1.23995	0.971053	0.995074	-1.00495	0.541729	0.919379	-1.08769	0.821851	1.03117	1.03117	0.0494704	1.35669	1.35669	2.34517	0.687798	0.260696	1
cg15275019	THAP2;ZFC3H1;ZFC3H1	0.122106	?	?	?	0.122344	5.14673	5.14673	0.0262425	14.4618	14.4618	0.0979658	0.167885	-5.95645	0.46162	0.488413	-2.04745	0.508773	0.527234	-1.89669	?	?	?	0.875299	1.16096	1.16096	0.892518	1.13708	1.13708	2.71613	28.7607	9.07615	1
cg17977795	IL6ST;IL6ST	0.122106	0.957886	0.986977	-1.01319	0.927017	1.023	1.023	0.725008	1.09163	1.09163	0.0250824	0.516079	-1.93769	0.0273318	0.523018	-1.91198	0.160966	0.689573	-1.45017	0.0414616	0.55784	-1.79263	0.884956	0.964699	-1.03659	0.766802	1.07662	1.07662	2.34516	2.28868	0.867483	1
cg10592926	ZDHHC14;ZDHHC14	0.122107	0.870905	1.07789	1.07789	0.0103917	0.225754	-4.4296	0.376765	0.658164	-1.51938	0.394577	1.49503	1.49503	0.437285	0.693887	-1.44116	0.723054	0.848655	-1.17833	0.137687	0.478422	-2.0902	0.0322081	0.314463	-3.18003	0.924288	1.04481	1.04481	2.34516	7.90001	2.99435	1
cg23331421	ZNF536	0.122122	0.113527	1.27417	1.27417	0.0639192	1.34046	1.34046	0.0564193	1.35517	1.35517	0.166769	1.2305	1.2305	0.321401	0.865763	-1.15505	0.361531	0.876365	-1.14108	0.826328	1.0314	1.0314	0.059602	1.34869	1.34869	0.645555	0.936913	-1.06733	2.34503	0.735294	0.278715	1
cg25596754	TNXB	0.122124	0.257158	0.452102	-2.21189	0.0039244	0.0738663	-13.538	0.147422	0.352226	-2.83908	0.859805	0.888097	-1.126	0.141014	0.345497	-2.89438	0.274474	0.466131	-2.14532	0.355274	0.528172	-1.89332	0.216681	0.417854	-2.39318	0.874506	1.11193	1.11193	2.34501	16.7355	6.34368	1
ch.X.258064R	SYAP1;SYAP1	0.122124	0.0141547	0.223984	-4.4646	0.379602	0.640529	-1.56121	0.0205388	0.251793	-3.97151	0.543784	0.738089	-1.35485	0.785573	0.873911	-1.14428	0.0584409	0.347592	-2.87693	0.146341	0.462732	-2.16108	0.195657	0.508472	-1.96668	0.774166	0.867465	-1.15278	2.34501	9.07143	3.43858	1
cg16699385	PERP	0.122125	0.718375	0.861521	-1.16074	0.101279	2.09281	2.09281	0.0965158	0.471887	-2.11915	0.789203	0.895579	-1.1166	0.251901	0.611016	-1.63662	0.642617	1.21208	1.21208	0.0101327	0.26316	-3.79996	0.589215	0.799016	-1.25154	0.876049	1.06635	1.06635	2.34499	6.29142	2.38481	1
cg02113605	SGMS1	0.122126	0.492259	1.20233	1.20233	0.756061	1.08581	1.08581	0.030915	0.511984	-1.95319	0.917466	0.972987	-1.02776	0.128369	0.647767	-1.54377	0.575098	0.861031	-1.1614	0.0671722	1.71944	1.71944	0.0956489	0.616581	-1.62185	0.233132	0.718719	-1.39136	2.34499	2.59216	0.982578	1
cg21961506	MPHOSPH8	0.122127	0.715473	1.06383	1.06383	0.353881	0.851099	-1.17495	0.0481076	0.682604	-1.46498	0.941361	0.987642	-1.01251	0.282523	0.827988	-1.20775	0.149369	1.29864	1.29864	0.0220153	1.59088	1.59088	0.565313	0.906427	-1.10323	0.652747	0.926299	-1.07956	2.34498	1.0611	0.40222	1
cg18644618	RG9MTD1	0.12213	0.640338	0.911795	-1.09674	0.0297721	1.65181	1.65181	0.164363	1.33795	1.33795	0.952647	0.988414	-1.01172	0.645082	0.913006	-1.09528	0.312343	1.22763	1.22763	0.116633	0.715664	-1.3973	0.10289	0.704585	-1.41928	0.218056	1.2895	1.2895	2.34495	1.43011	0.542103	1
cg10635722	FAM71C;FAM71C;ANKS1B	0.122138	0.0142341	0.17643	-5.66796	0.136573	0.398453	-2.50971	0.235363	0.489911	-2.04119	0.262252	0.51137	-1.95553	0.0160328	0.184302	-5.42587	0.222936	0.479624	-2.08497	0.463093	0.651477	-1.53497	0.501711	0.676249	-1.47875	0.0802184	0.328411	-3.04497	2.34489	12.2245	4.634	1
cg14561834	PADI4	0.122138	0.0556845	0.276124	-3.62157	0.645711	1.31621	1.31621	0.488581	0.658623	-1.51832	0.17374	0.423587	-2.36079	0.0357184	0.234421	-4.26583	0.335085	0.554321	-1.80401	0.247253	0.487698	-2.05045	0.0172593	0.17876	-5.5941	0.104564	0.348882	-2.8663	2.34488	13.0832	4.95951	1
cg02069666	ATP2C2	0.12214	0.536108	1.17797	1.17797	0.00923315	0.421529	-2.37232	0.208976	0.707347	-1.41373	0.0393637	0.536253	-1.86479	0.12612	0.648787	-1.54134	0.909928	0.970848	-1.03003	0.815355	1.06306	1.06306	0.459907	0.821434	-1.21738	0.377634	0.789256	-1.26702	2.34487	2.5382	0.962174	1
cg12714007	USP2;USP2	0.122141	0.0670537	0.357698	-2.79566	0.537617	1.36698	1.36698	0.237837	1.85763	1.85763	0.489338	1.42156	1.42156	0.0333264	0.287736	-3.47541	0.754492	0.854602	-1.17014	0.0371414	0.297625	-3.35994	0.665947	0.804495	-1.24302	0.337008	0.609101	-1.64176	2.34486	9.31583	3.53144	1
cg26311179	FAM22D	0.122142	0.798328	0.934354	-1.07026	0.477739	1.21097	1.21097	0.324665	1.30961	1.30961	0.69265	0.900007	-1.1111	0.00492282	0.372357	-2.6856	0.461411	1.21999	1.21999	0.475451	1.21222	1.21222	0.342862	0.771708	-1.29583	0.440483	0.811707	-1.23197	2.34485	2.61173	0.990057	1
cg00189989	CLDN5;CLDN5	0.122142	0.0357066	0.493055	-2.02817	0.0648033	0.548816	-1.8221	0.132883	0.625569	-1.59854	0.275384	0.720156	-1.38859	0.0385505	0.499901	-2.0004	0.180704	0.662858	-1.50862	0.268935	1.39528	1.39528	0.538751	0.835223	-1.19728	0.159093	0.647012	-1.54557	2.34485	3.10829	1.17829	1
cg03817911	TXNRD1;TXNRD1;TXNRD1;EID3;TXNRD1;TXNRD1	0.122144	0.117691	7.97151	7.97151	0.8409	0.782262	-1.27834	0.591453	0.515836	-1.9386	0.248705	4.36289	4.36289	0.436634	0.379255	-2.63675	0.352573	0.310765	-3.21787	0.826113	0.764286	-1.30841	0.0173864	34.4093	34.4093	0.0551854	14.2369	14.2369	2.34483	55.4339	21.0141	1
cg15465367	USP36	0.122145	0.515512	1.1179	1.1179	0.0282417	1.54941	1.54941	0.946531	1.0114	1.0114	0.646907	0.925004	-1.08108	0.115458	0.74882	-1.33543	0.0550614	0.692347	-1.44436	0.567979	1.10247	1.10247	0.525512	1.11487	1.11487	0.167562	0.779855	-1.28229	2.34482	1.06102	0.402219	1
cg25466245	SUSD4	0.122151	0.0396502	0.171218	-5.84051	0.976086	0.97801	-1.02248	0.0905431	0.25073	-3.98835	0.1657	0.33399	-2.9941	0.439105	0.556897	-1.79567	0.793937	0.82351	-1.21432	0.0153438	0.109987	-9.09199	0.904935	1.09267	1.09267	0.0548615	0.198846	-5.02903	2.34478	20.4347	7.74666	1
cg12425292	ANTXR1;ANTXR1;ANTXR1	0.122153	0.796207	0.960366	-1.04127	0.940913	0.988484	-1.01165	0.0271087	0.664455	-1.50499	0.165005	1.2604	1.2604	0.566374	0.913412	-1.0948	0.716101	1.05873	1.05873	0.727549	1.05617	1.05617	0.229054	0.821	-1.21803	0.0182897	0.639218	-1.56441	2.34476	0.906708	0.34373	1
cg12119111	NHLRC1	0.122154	0.0391082	84.9064	84.9064	0.588594	2.76163	2.76163	0.821049	1.52417	1.52417	0.241825	9.7661	9.7661	0.338267	0.159411	-6.2731	0.245606	0.10445	-9.57397	?	?	?	0.62248	2.51716	2.51716	0.0223617	162.604	162.604	2.36723	115.32	48.7153	1
cg03853827	ZMIZ2	0.122155	0.330587	0.826959	-1.20925	0.290802	0.812638	-1.23056	0.298674	0.815569	-1.22614	0.092699	1.41927	1.41927	0.033406	0.62473	-1.60069	0.633678	1.09512	1.09512	0.0663005	0.677188	-1.47669	0.128006	0.732416	-1.36534	0.24596	0.794817	-1.25815	2.34474	1.33009	0.504238	1
cg27444899	RAB11FIP3;RAB11FIP3	0.122158	0.499385	1.49165	1.49165	0.00548717	8.41033	8.41033	0.0545044	3.56885	3.56885	0.290897	1.89495	1.89495	0.878738	1.09312	1.09312	0.433044	1.59454	1.59454	0.11	2.762	2.762	0.317829	1.82608	1.82608	0.765604	0.83999	-1.19049	2.34471	12.6303	4.7882	1
cg01372608	VANGL1	0.12216	0.688944	1.04217	1.04217	0.00711792	1.42884	1.42884	0.211419	1.1447	1.1447	0.756885	0.968626	-1.03239	0.872572	1.01661	1.01661	0.853034	0.981144	-1.01922	0.483976	0.929586	-1.07575	0.330068	0.901971	-1.10868	0.0859881	1.21502	1.21502	2.3447	0.391301	0.148345	1
cg01114124	HDAC4	0.122161	0.0370908	0.197777	-5.05619	0.0627595	0.24614	-4.06273	0.0189257	0.149129	-6.70558	0.521349	0.647152	-1.54523	0.0642617	0.248577	-4.02289	0.144609	0.350257	-2.85505	0.733338	0.795367	-1.25728	0.707945	1.28654	1.28654	0.484461	0.621465	-1.6091	2.34468	16.6454	6.3104	1
cg04460931	FNBP4	0.122162	0.522165	0.876899	-1.14038	0.00441405	2.15879	2.15879	0.488247	1.15326	1.15326	0.365507	0.828377	-1.20718	0.92228	1.01996	1.01996	0.550494	1.13012	1.13012	0.40092	0.840202	-1.19019	0.606465	0.900121	-1.11096	0.388563	1.19596	1.19596	2.34468	1.52287	0.577333	1
cg03411270	ICA1;ICA1;ICA1	0.122162	0.0602606	1.80691	1.80691	0.266728	1.38134	1.38134	0.198496	0.684286	-1.46138	0.577561	1.17009	1.17009	0.104415	1.64142	1.64142	0.398809	1.27273	1.27273	0.124861	1.59014	1.59014	0.207346	0.689896	-1.44949	0.0570626	1.82409	1.82409	2.34467	2.89436	1.09728	1
cg21080921	SLC22A20	0.122165	0.14977	0.721039	-1.38689	0.0959701	1.47288	1.47288	0.263148	0.781082	-1.28028	0.0200053	0.551811	-1.81222	0.697524	0.920607	-1.08624	0.908761	1.02458	1.02458	0.258049	1.28397	1.28397	0.981555	0.995116	-1.00491	0.151416	0.722123	-1.38481	2.34465	1.66574	0.631503	1
cg00343217	ARIH1	0.122165	0.666641	1.09299	1.09299	0.384089	0.832671	-1.20096	0.556235	0.885045	-1.12989	0.447026	0.85298	-1.17236	0.0553601	1.56146	1.56146	0.0690102	1.51815	1.51815	0.806501	1.05164	1.05164	0.955343	0.988575	-1.01156	0.0259978	0.581489	-1.71972	2.34465	1.56334	0.592685	1
cg06293611	EMILIN1;KHK;KHK	0.122168	0.799883	1.07663	1.07663	0.299455	0.731567	-1.36693	0.0682386	0.552412	-1.81024	0.0582899	1.86257	1.86257	0.128015	0.619865	-1.61326	0.856898	0.948887	-1.05387	0.584048	1.17434	1.17434	0.0506671	0.523479	-1.9103	0.468729	1.23896	1.23896	2.34463	3.13725	1.18938	1
cg09242343	CUL3	0.122168	0.887731	0.921975	-1.08463	0.015801	5.47698	5.47698	0.0127471	5.92843	5.92843	0.723575	1.22658	1.22658	0.316648	0.551364	-1.81368	0.759069	1.19353	1.19353	0.938662	0.956705	-1.04525	0.829735	1.13185	1.13185	0.918616	1.06054	1.06054	2.34463	12.2815	4.65614	1
cg08168897	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.122168	0.266528	2.07949	2.07949	0.157255	2.60269	2.60269	0.205836	2.32564	2.32564	0.10335	3.08535	3.08535	0.788631	1.18522	1.18522	0.76845	1.20527	1.20527	0.032773	4.85277	4.85277	0.00771152	8.71341	8.71341	0.481159	1.57276	1.57276	2.34463	14.8516	5.63049	1
cg24286301	GUCY2F	0.122168	0.90591	1.06066	1.06066	0.390828	0.645397	-1.54943	0.0646758	0.355772	-2.81079	0.0853021	0.387749	-2.57899	0.018473	0.240951	-4.15023	0.239822	1.8459	1.8459	0.133918	0.447072	-2.23678	0.222371	0.528001	-1.89394	0.311068	0.593357	-1.68533	2.34463	9.21017	3.49174	1
cg12039583	MRC2	0.122168	0.290898	2.08004	2.08004	0.0217236	6.3035	6.3035	0.430088	1.71293	1.71293	0.679649	1.31979	1.31979	0.0554597	0.234445	-4.26539	0.617508	0.714312	-1.39995	0.294276	0.483404	-2.06866	0.249362	2.23558	2.23558	0.259091	2.1963	2.1963	2.34462	16.5814	6.2863	1
cg04929165	PLA2G4A	0.122169	0.178378	0.41815	-2.39149	0.224521	0.459329	-2.17709	0.0293382	0.209058	-4.78336	0.0781175	0.303134	-3.29887	0.202544	0.44026	-2.27139	0.127546	0.366132	-2.73126	0.0320885	0.21631	-4.623	0.597588	1.3838	1.3838	0.0813315	0.307831	-3.24854	2.34462	13.8076	5.2347	1
cg00837773	INTS8	0.122174	0.376226	0.861324	-1.161	0.0433455	1.46523	1.46523	0.378833	0.862061	-1.16001	0.56315	0.908377	-1.10086	0.457001	1.13261	1.13261	0.286704	0.833706	-1.19946	0.0154306	1.63004	1.63004	0.744226	0.947602	-1.0553	0.808236	1.04078	1.04078	2.34458	1.00356	0.380475	1
cg04234631	C16orf68	0.122175	0.234954	0.670082	-1.49235	0.0160395	2.58031	2.58031	0.49805	1.2476	1.2476	0.180889	0.633252	-1.57915	0.209088	0.653239	-1.53083	0.272239	0.692439	-1.44417	0.973002	0.989175	-1.01094	0.378971	1.3368	1.3368	0.253621	0.681526	-1.4673	2.34457	3.84064	1.45609	1
cg26786974	DAAM2	0.122177	0.269837	0.528197	-1.89323	0.00569073	0.13337	-7.49791	0.100056	0.367509	-2.72102	0.40514	1.60504	1.60504	0.240594	0.50536	-1.97879	0.363811	0.595461	-1.67937	0.899484	0.932209	-1.07272	0.219039	0.487701	-2.05044	0.90346	1.06973	1.06973	2.34454	11.4583	4.34421	1
cg11316352	TMUB2;TMUB2;TMUB2;C17orf65	0.122181	0.319012	0.721927	-1.38518	0.991511	0.99664	-1.00337	0.501666	0.805936	-1.24079	0.022957	0.422862	-2.36484	0.518401	1.23016	1.23016	0.587969	0.84108	-1.18895	0.972208	1.01108	1.01108	0.187241	0.642595	-1.55619	0.0277849	2.27695	2.27695	2.34451	3.71695	1.40923	1
cg14019146	SLC38A3	0.122181	0.194873	0.519121	-1.92633	0.282467	0.586251	-1.70575	0.036234	0.312134	-3.20376	0.225911	1.83679	1.83679	0.0206778	0.263887	-3.7895	0.172312	0.499286	-2.00286	0.543966	0.74552	-1.34135	0.470496	0.703966	-1.42052	0.107013	0.431159	-2.31933	2.34451	8.48885	3.21843	1
cg20730253	TNFAIP8;TNFAIP8;TNFAIP8	0.122183	0.595894	0.843338	-1.18576	0.027418	2.29468	2.29468	0.930073	0.972445	-1.02834	0.0682762	1.91532	1.91532	0.0660285	1.92808	1.92808	0.0321736	2.22286	2.22286	0.682034	0.877096	-1.14013	0.75618	1.10424	1.10424	0.574013	1.19821	1.19821	2.34449	3.76322	1.42678	1
cg01972879	CRHR2	0.122185	0.536765	0.853381	-1.17181	0.0795874	1.63754	1.63754	0.548722	0.857437	-1.16627	0.922053	0.975497	-1.02512	0.103526	1.57036	1.57036	0.0408116	1.81939	1.81939	0.0228418	1.99444	1.99444	0.279874	1.32942	1.32942	0.976587	1.00747	1.00747	2.34447	2.38569	0.904516	1
cg18924331	INF2;INF2	0.122187	0.057233	0.383739	-2.60593	0.0255963	3.25709	3.25709	0.124368	2.09769	2.09769	0.917789	1.04704	1.04704	0.140396	0.493526	-2.02623	0.553671	1.30572	1.30572	0.679785	0.831272	-1.20298	0.697647	0.840443	-1.18985	0.656526	0.819315	-1.22053	2.34446	7.36098	2.79088	1
cg14871704	C11orf61	0.122188	0.268298	1.23286	1.23286	0.181001	0.77271	-1.29415	0.679313	1.07839	1.07839	0.388535	0.851764	-1.17403	0.0728529	0.695389	-1.43804	0.821008	1.042	1.042	0.00906808	0.547672	-1.82591	0.632084	0.916145	-1.09153	0.263855	0.809404	-1.23548	2.34445	1.22392	0.464045	1
cg00682263	MEGF11	0.122189	0.0530121	0.253405	-3.94626	0.0470071	0.241866	-4.13453	0.163357	0.39502	-2.53152	0.768228	0.831518	-1.20262	0.0509154	0.249471	-4.00848	0.223398	0.449917	-2.22263	0.119094	0.34781	-2.87513	0.900723	1.08104	1.08104	0.0267454	0.194244	-5.14816	2.34444	14.4737	5.48766	1
cg01953134	LYRM2;LYRM2;LYRM2;LYRM2	0.12219	0.682932	1.13323	1.13323	0.252463	1.43914	1.43914	0.408212	1.29386	1.29386	0.0315817	0.464089	-2.15476	0.033643	0.469692	-2.12905	0.693231	1.12834	1.12834	0.240619	1.45374	1.45374	0.772594	1.09226	1.09226	0.276963	1.41108	1.41108	2.34444	3.44381	1.30571	1
cg04369100	HEXDC	0.12219	0.198425	0.588233	-1.70001	0.0812172	0.470152	-2.12697	0.0907931	0.483157	-2.06972	0.0654557	0.446079	-2.24176	0.012754	0.298766	-3.34711	0.121421	0.519135	-1.92628	0.13405	0.53214	-1.87921	0.0941266	0.487453	-2.05148	0.623869	0.824514	-1.21284	2.34444	5.65971	2.14587	1
cg14652031	ARHGAP20	0.122191	0.36244	1.29389	1.29389	0.0929715	1.66318	1.66318	0.0797594	1.70777	1.70777	0.727349	1.10114	1.10114	0.914189	0.970767	-1.03011	0.740299	0.912509	-1.09588	0.0207337	0.464654	-2.15214	0.208246	1.44078	1.44078	0.338866	1.31173	1.31173	2.34443	2.8131	1.06659	1
cg08409642	MT2A	0.122191	0.113957	0.251069	-3.98296	0.581296	1.56466	1.56466	0.0317054	0.132136	-7.56796	0.214548	0.349892	-2.85803	0.018193	0.099816	-10.0184	0.649177	1.44495	1.44495	0.184273	0.322421	-3.10154	0.818079	1.20342	1.20342	0.273706	0.400341	-2.49787	2.34443	23.9832	9.09324	1
cg12961926	TBCD	0.122195	0.958275	1.03141	1.03141	0.160142	2.4277	2.4277	0.024064	4.90557	4.90557	0.356499	1.75158	1.75158	0.0349751	0.234042	-4.27274	0.421732	0.615653	-1.62429	0.285173	1.92728	1.92728	0.794314	1.16699	1.16699	0.646859	1.31341	1.31341	2.34439	12.9703	4.91776	1
cg03874358	ANKLE1	0.122199	0.0635027	0.541842	-1.84556	0.156464	0.640714	-1.56076	0.929547	0.974364	-1.02631	0.654112	0.875946	-1.14162	0.0616973	0.538994	-1.85531	0.569419	1.18396	1.18396	0.0108478	0.390808	-2.5588	0.83436	1.06343	1.06343	0.281482	0.71984	-1.3892	2.34436	3.20245	1.21424	1
cg00514241	MN1	0.122204	0.0583723	2.92986	2.92986	0.327234	1.66244	1.66244	0.0366062	3.38933	3.38933	0.121947	2.32224	2.32224	0.0666555	2.81081	2.81081	0.0930535	2.53097	2.53097	0.0250046	3.81996	3.81996	0.185748	2.02416	2.02416	0.140093	2.22066	2.22066	2.34432	9.37792	3.55581	1
cg23470598	KLC1;KLC1	0.122205	0.156914	1.58164	1.58164	0.297053	1.38734	1.38734	0.0785211	1.80719	1.80719	0.413079	1.2884	1.2884	0.554955	1.19821	1.19821	0.912156	1.03398	1.03398	0.00356243	3.30632	3.30632	0.323587	1.36171	1.36171	0.384596	1.30991	1.30991	2.34431	3.40486	1.29102	1
cg20706071	A4GALT	0.122206	0.738496	0.903952	-1.10625	0.0280412	2.18603	2.18603	0.258212	0.70078	-1.42698	0.866438	1.05204	1.05204	0.490422	1.23507	1.23507	0.430148	1.27469	1.27469	0.88451	0.957141	-1.04478	0.0194044	2.344	2.344	0.253397	0.698026	-1.43261	2.3443	3.37249	1.27875	1
cg25152136	CLSTN2	0.122207	0.688785	1.06611	1.06611	0.0118227	1.64847	1.64847	0.678716	1.06848	1.06848	0.808013	0.962028	-1.03947	0.411371	0.874963	-1.14291	0.161076	0.78818	-1.26875	0.470204	0.889742	-1.12392	0.201198	0.806824	-1.23943	0.156944	1.27217	1.27217	2.34429	0.938853	0.355987	1
cg24459209	PRG3	0.122209	0.0658967	0.336261	-2.97388	0.0560923	0.318934	-3.13545	0.0183773	0.220681	-4.53143	0.249852	0.529852	-1.88732	0.0513908	0.309906	-3.22679	0.303408	0.569493	-1.75595	0.062739	0.330878	-3.02226	0.141717	0.43409	-2.30367	0.431042	0.654112	-1.52879	2.34427	10.3572	3.92719	1
cg00874357	MIRLET7I;C12orf61;C12orf61	0.122212	0.995183	0.999129	-1.00087	0.276252	1.17758	1.17758	0.374229	1.1407	1.1407	0.940825	0.989342	-1.01077	0.444726	1.11901	1.11901	0.434342	0.891249	-1.12202	0.00427835	0.576044	-1.73598	0.73819	0.952737	-1.04961	0.728599	0.950967	-1.05156	2.34424	0.7734	0.293257	1
cg02047577	UCKL1AS;UCKL1	0.122213	0.0882716	2.5198	2.5198	0.800175	0.882826	-1.13273	0.0898849	2.50576	2.50576	0.356752	1.59318	1.59318	0.758843	0.859585	-1.16335	0.0146051	0.228169	-4.38272	0.740738	1.17722	1.17722	0.889825	0.934163	-1.07048	0.450321	0.685264	-1.45929	2.34423	8.96394	3.39896	1
cg26173435	FLJ45340	0.122215	0.137728	1.38585	1.38585	0.33288	1.2262	1.2262	0.0727856	0.664576	-1.50472	0.632001	1.10352	1.10352	0.854588	0.963241	-1.03816	0.391219	1.19643	1.19643	0.0121058	1.89378	1.89378	0.910482	1.02323	1.02323	0.494764	0.868025	-1.15204	2.34422	1.54731	0.586714	1
cg25112611	LOC100289511;SFRS5;SFRS5	0.122218	0.0059736	13.1177	13.1177	0.117322	3.25917	3.25917	0.406493	1.79372	1.79372	0.218154	2.44769	2.44769	0.155163	2.86933	2.86933	?	?	?	0.149339	2.92016	2.92016	0.872839	1.1161	1.1161	0.743707	1.25242	1.25242	2.50066	16.203	5.66954	1
cg08593883	NMUR2	0.122219	0.0386217	0.0782726	-12.7759	0.292021	0.312641	-3.19856	0.122545	0.16871	-5.92734	0.63605	1.66026	1.66026	0.032536	0.069874	-14.3115	0.146946	0.191012	-5.23527	0.0433332	0.0844584	-11.8402	0.84686	1.22829	1.22829	0.158423	0.201202	-4.97014	2.34419	41.9917	15.9228	1
cg25708777	SH3D20	0.12222	0.713847	0.914583	-1.09339	0.493602	1.18358	1.18358	0.0387442	0.559753	-1.7865	0.442823	1.20889	1.20889	0.332219	0.784651	-1.27445	0.327058	0.782481	-1.27799	0.184872	1.40624	1.40624	0.0716157	1.62855	1.62855	0.1132	0.658416	-1.5188	2.34417	2.18208	0.827424	1
cg10490064	CRYBB2	0.122221	0.880305	1.05065	1.05065	0.0829926	0.532912	-1.87648	0.00527028	0.29932	-3.34091	0.846696	1.06552	1.06552	0.902037	1.0412	1.0412	0.624502	0.850646	-1.17558	0.356551	1.36469	1.36469	0.480219	0.790329	-1.2653	0.634806	1.16987	1.16987	2.34416	3.99164	1.5136	1
cg08856920	ADAT2;PEX3	0.122225	0.372385	0.864902	-1.1562	0.353471	1.16335	1.16335	0.0471075	0.697619	-1.43345	0.0509594	0.703035	-1.4224	0.1386	0.776719	-1.28747	0.428531	1.13666	1.13666	0.608884	1.08523	1.08523	0.418757	1.1399	1.1399	0.167433	1.26265	1.26265	2.34413	0.932479	0.353594	1
cg06407470	SV2C	0.122232	0.583843	0.894388	-1.11808	0.0978537	1.44255	1.44255	0.0390042	1.61945	1.61945	0.990296	0.997549	-1.00246	0.328884	0.816016	-1.22547	0.800085	0.95009	-1.05253	0.319069	0.812399	-1.23092	0.0420508	1.60425	1.60425	0.146669	1.36932	1.36932	2.34407	1.51135	0.573115	1
cg06748146	HK1;HK1;HK1;HK1;HK1	0.122232	0.045859	0.283045	-3.53301	0.172665	0.449171	-2.22632	0.088445	0.354682	-2.81943	0.260307	0.523358	-1.91074	0.061158	0.312379	-3.20124	0.0799755	0.342557	-2.91922	0.0236426	0.225371	-4.43712	0.546771	0.714411	-1.39975	0.0639629	0.317221	-3.15238	2.34407	11.29	4.28124	1
cg24554458	MAGI3;MAGI3	0.122233	0.604824	0.750235	-1.33292	0.591968	1.34698	1.34698	0.0998725	0.365861	-2.73328	0.254328	1.93231	1.93231	0.936653	1.04467	1.04467	0.690214	0.802184	-1.2466	0.030161	4.21257	4.21257	0.0410642	3.76434	3.76434	0.176422	2.22014	2.22014	2.47923	11.6171	3.6445	1
cg01016102	RP9	0.122233	0.093592	0.297351	-3.36302	0.392306	0.561922	-1.77961	0.413609	0.577121	-1.73274	0.296823	0.490954	-2.03685	0.0122663	0.128517	-7.78107	0.145227	0.357449	-2.7976	0.0297818	0.186009	-5.37608	0.840195	1.14201	1.14201	0.109141	0.316951	-3.15506	2.34406	16.0588	6.08966	1
cg10243681	NPTN;NPTN;NPTN;NPTN	0.122236	0.0534993	0.712689	-1.40314	0.656765	1.07152	1.07152	0.752428	0.9523	-1.05009	0.703465	0.942644	-1.06085	0.675342	1.06722	1.06722	0.0391766	1.44571	1.44571	0.0521963	0.711006	-1.40646	0.196199	0.809712	-1.23501	0.561155	1.095	1.095	2.34403	0.885548	0.335812	1
cg20695611	DUSP14	0.122239	0.07106	0.460232	-2.17282	0.88755	0.947006	-1.05596	0.226569	0.613474	-1.63006	0.428364	0.732595	-1.36501	0.012854	0.30456	-3.28343	0.265781	0.640013	-1.56247	0.498718	0.767748	-1.30251	0.165812	1.76607	1.76607	0.121347	0.523945	-1.9086	2.34401	5.49805	2.08495	1
cg22418909	SFRP1;SFRP1	0.122239	0.885866	1.02919	1.02919	0.0412574	1.6026	1.6026	0.0113638	1.88664	1.88664	0.939928	0.985016	-1.01521	0.696543	1.08167	1.08167	0.6343	1.10075	1.10075	0.237781	0.780574	-1.28111	0.314065	0.811753	-1.2319	0.782728	0.94613	-1.05694	2.34401	1.48967	0.564909	1
cg20951645	BGN	0.12224	0.706033	1.36581	1.36581	0.850346	0.856076	-1.16812	0.199545	0.327894	-3.04977	0.961406	1.04061	1.04061	0.189697	0.318913	-3.13565	0.445052	1.8974	1.8974	0.218157	2.90286	2.90286	0.00856686	0.0633523	-15.7848	0.377979	2.10475	2.10475	2.344	25.1269	9.52858	1
cg06113665	MFAP3L;MFAP3L	0.122241	0.641975	0.93319	-1.07159	0.110631	1.29269	1.29269	0.950485	1.00921	1.00921	0.0491581	1.39323	1.39323	0.395842	1.13702	1.13702	0.154968	1.25204	1.25204	0.013023	1.57614	1.57614	0.399358	0.880372	-1.13588	0.966394	1.00624	1.00624	2.34399	0.809597	0.307015	1
cg23457901	TRAM2	0.122241	0.0317394	0.286149	-3.49469	0.285649	0.576298	-1.73521	0.0435955	0.315653	-3.16804	0.120356	0.432858	-2.31023	0.124996	0.438086	-2.28266	0.0480433	0.325259	-3.07447	0.981313	0.988427	-1.01171	0.546769	0.738538	-1.35403	0.0410347	0.309808	-3.2278	2.34399	9.16966	3.47732	1
cg06550462	EPB41L3	0.122241	0.493755	0.805204	-1.24192	0.455551	0.789043	-1.26736	0.274982	1.42487	1.42487	0.446464	0.785117	-1.2737	0.295872	0.713251	-1.40203	0.378202	0.754375	-1.3256	0.0108927	0.369168	-2.70879	0.086088	0.55363	-1.80626	0.047574	0.493411	-2.02671	2.34399	3.60802	1.36823	1
cg01518755	BANP;BANP	0.122242	0.280938	0.528067	-1.8937	0.986501	1.00969	1.00969	0.334494	0.567156	-1.76318	0.109409	0.369905	-2.7034	0.0394847	0.257426	-3.88462	0.285498	0.531503	-1.88146	0.0167639	0.189509	-5.27681	0.583865	1.37049	1.37049	0.0575797	0.294192	-3.39915	2.34398	12.0517	4.57026	1
cg22500738	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46	0.122246	0.49662	0.784284	-1.27505	0.522112	1.25657	1.25657	0.692606	0.869468	-1.15013	0.134032	0.566172	-1.76625	0.290509	0.679656	-1.47133	0.903685	0.958279	-1.04354	0.00885204	0.309436	-3.23169	0.844349	0.933141	-1.07165	0.0282445	0.401748	-2.48913	2.34395	4.60058	1.74466	1
cg03287126	MSRA;MSRA;MSRA	0.122248	0.502166	0.697845	-1.43298	0.748292	1.18537	1.18537	0.305305	1.75188	1.75188	0.947429	0.96577	-1.03544	0.0104189	0.182015	-5.49405	0.245745	1.89885	1.89885	0.70867	0.820161	-1.21927	0.108695	0.396868	-2.51973	0.142123	0.434488	-2.30156	2.34393	10.3572	3.92775	1
cg11721769	ALDH5A1;ALDH5A1	0.122249	0.461045	1.38628	1.38628	?	?	?	0.144244	1.97925	1.97925	0.0593857	0.396021	-2.52512	0.143266	0.504277	-1.98304	0.499918	1.34723	1.34723	?	?	?	?	?	?	?	?	?	2.47466	4.12479	2.6669	1
cg24596576	FANCD2;CIDECP;FANCD2	0.122251	0.141305	0.723832	-1.38154	0.0885328	0.681201	-1.468	0.604914	1.11252	1.11252	0.0561765	1.55561	1.55561	0.0347706	1.65329	1.65329	0.808712	1.0508	1.0508	0.514204	0.873585	-1.14471	0.830148	0.957059	-1.04487	0.525361	1.14053	1.14053	2.3439	1.54958	0.587656	1
cg06212670	ZFPM1	0.122251	0.0289334	0.263961	-3.78843	0.237359	1.89688	1.89688	0.139243	2.27738	2.27738	0.393934	0.636598	-1.57085	0.0330494	0.275538	-3.62927	0.381804	0.628827	-1.59026	0.380316	0.627868	-1.59269	0.587945	0.753577	-1.327	0.731017	0.836546	-1.19539	2.3439	9.92936	3.76556	1
cg08280623	ERCC6L;PIN4	0.122255	0.0226028	0.274522	-3.6427	0.393257	1.51298	1.51298	0.540154	0.745541	-1.34131	0.108402	2.29156	2.29156	0.590882	0.773409	-1.29298	0.120585	0.450603	-2.21925	0.267231	0.578528	-1.72853	0.112172	0.440888	-2.26815	0.602948	1.28208	1.28208	2.34387	8.3224	3.15618	1
cg14582913	SETX	0.122256	0.526995	0.693772	-1.4414	0.127518	0.390644	-2.55988	0.143872	0.408329	-2.449	0.258904	0.510748	-1.95791	0.0996782	0.357283	-2.7989	0.138875	0.403049	-2.48109	0.00997388	0.156292	-6.39829	0.236312	0.492715	-2.02957	0.0341269	0.244073	-4.09713	2.34386	12.078	4.58047	1
ch.X.1084981F	TAF1;BCYRN1;TAF1	0.122256	0.650567	1.07859	1.07859	0.456316	1.13413	1.13413	0.0174219	0.618615	-1.61651	0.682839	0.934113	-1.07053	0.816026	1.03942	1.03942	0.830519	1.0362	1.0362	0.688079	0.935237	-1.06925	0.342771	1.17605	1.17605	0.0227144	1.57216	1.57216	2.34386	1.02179	0.387506	1
cg11103999	KLHL25	0.122262	0.333588	0.622698	-1.60591	0.237034	0.55522	-1.80109	0.151137	0.481597	-2.07643	0.818019	1.11568	1.11568	0.012193	0.226847	-4.40825	0.763927	0.866705	-1.1538	0.01644	0.248468	-4.02466	0.8817	0.931716	-1.07329	0.246832	0.562614	-1.77742	2.34381	8.37391	3.1758	1
cg04919180	SEC24C;FUT11;SEC24C	0.122265	0.245865	0.747846	-1.33717	0.192367	1.39143	1.39143	0.759876	1.07615	1.07615	0.885808	1.035	1.035	0.267232	0.758278	-1.31878	0.855394	1.04464	1.04464	0.0112575	0.46761	-2.13853	0.109589	1.51834	1.51834	0.760992	0.929566	-1.07577	2.34379	2.1275	0.806862	1
cg26532638	DIRAS3	0.122265	0.533938	0.839808	-1.19075	0.485992	1.21675	1.21675	0.386248	0.781803	-1.27909	0.260517	1.38436	1.38436	0.0212308	0.464142	-2.15451	0.02648	0.482347	-2.0732	0.697408	1.11437	1.11437	0.976318	1.00826	1.00826	0.384398	1.28039	1.28039	2.34378	2.85095	1.08123	1
cg20211816	KIF13A;KIF13A;KIF13A;KIF13A	0.122273	0.274687	0.69968	-1.42922	0.17369	1.5759	1.5759	0.387347	1.32105	1.32105	0.654976	1.15181	1.15181	0.0515534	0.498398	-2.00643	0.277955	0.701512	-1.42549	0.0395404	0.473252	-2.11304	0.398692	0.762227	-1.31195	0.092625	0.55905	-1.78875	2.34371	3.66517	1.39007	1
cg00588614	ZNF487	0.122275	0.967618	1.01592	1.01592	0.0192047	3.01079	3.01079	0.1678	1.77172	1.77172	0.0326267	2.64536	2.64536	0.568286	0.799021	-1.25153	0.419191	1.37869	1.37869	0.189165	0.582065	-1.71802	0.44648	1.35243	1.35243	0.847741	0.927943	-1.07765	2.34369	5.61849	2.13092	1
cg19494188	BRSK2	0.122279	0.499793	1.2398	1.2398	0.00893718	2.83944	2.83944	0.0387474	2.1192	2.1192	0.181468	1.56069	1.56069	0.954871	1.01792	1.01792	0.196433	1.53511	1.53511	0.0765709	1.85547	1.85547	0.884303	0.955338	-1.04675	0.509264	1.23378	1.23378	2.34367	3.65491	1.38621	1
cg08207876	UBE2E3;UBE2E3	0.122281	0.344971	0.790069	-1.26571	0.63206	0.889704	-1.12397	0.785037	0.935913	-1.06848	0.487314	0.84286	-1.18644	0.00324989	0.378235	-2.64386	0.28441	0.763852	-1.30915	0.856867	1.04471	1.04471	0.361174	1.25532	1.25532	0.880809	1.03702	1.03702	2.34365	2.17825	0.82616	1
cg01962428	DKK2;DKK2	0.122282	0.672529	1.66713	1.66713	0.409885	2.76145	2.76145	0.667753	0.595032	-1.68058	0.34158	3.26242	3.26242	0.406188	2.78494	2.78494	0.175133	5.74621	5.74621	0.402736	0.356229	-2.80718	0.00452183	117.027	117.027	0.85465	0.802283	-1.24644	2.47875	55.4448	17.3974	1
cg25324021	WASF3	0.122282	0.284043	1.28219	1.28219	0.0518639	1.63906	1.63906	0.207134	1.34599	1.34599	0.501536	1.16457	1.16457	0.0519606	0.610263	-1.63864	0.487583	0.854262	-1.1706	0.380932	0.818138	-1.22229	0.265645	0.771761	-1.29574	0.184003	0.729952	-1.36995	2.34364	1.85162	0.702278	1
cg02720925	TNRC18	0.122284	0.0657693	0.122926	-8.13495	0.347034	0.374165	-2.67262	0.0361449	0.0842637	-11.8675	0.0807257	0.139964	-7.1447	0.0428242	0.0937808	-10.6632	0.230478	0.278822	-3.58652	0.20002	0.252988	-3.95276	0.575289	0.562874	-1.7766	0.0234029	0.0639527	-15.6366	2.34362	38.2578	14.5105	1
cg26695780	LOC493754	0.122291	0.44991	1.21861	1.21861	0.117657	1.54708	1.54708	0.210493	0.712592	-1.40333	0.0604758	1.72222	1.72222	0.224488	0.720609	-1.38772	0.967942	0.989733	-1.01037	0.0211382	2.03795	2.03795	0.993247	1.00218	1.00218	0.520891	1.18188	1.18188	2.34356	2.44765	0.928369	1
cg18538900	CXorf15;CXorf15	0.122292	0.2879	0.79406	-1.25935	0.232518	1.29908	1.29908	0.248303	1.28689	1.28689	0.223183	0.765296	-1.30668	0.642563	0.906938	-1.10261	0.864388	0.964905	-1.03637	0.0097381	1.98041	1.98041	0.713811	0.925907	-1.08002	0.227923	1.30278	1.30278	2.34355	1.62119	0.614903	1
cg11834658	ECE1;ECE1;ECE1	0.122292	0.177158	1.35496	1.35496	0.0636488	1.55514	1.55514	0.0648058	1.55145	1.55145	0.243977	1.29453	1.29453	0.165609	1.36773	1.36773	0.449524	1.17726	1.17726	0.0152477	1.87954	1.87954	0.133639	1.40861	1.40861	0.0397692	1.6544	1.6544	2.34355	1.6646	0.631368	1
cg07802710	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA12;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGA12;PCDHGB3;PCD	0.122292	0.0621934	4.26694	4.26694	0.0281432	5.99996	5.99996	0.714059	1.28958	1.28958	0.722254	1.27973	1.27973	0.545983	1.52544	1.52544	0.601003	1.44001	1.44001	0.533783	0.646931	-1.54576	0.0124144	8.58877	8.58877	0.227088	2.40213	2.40213	2.34355	17.7262	6.72341	1
cg06382559	TLX1	0.122295	0.115281	3.95117	3.95117	0.266698	2.531	2.531	0.510326	1.70892	1.70892	0.674603	0.712596	-1.40332	0.130499	0.269694	-3.70791	0.208658	0.345217	-2.89673	0.190894	0.329113	-3.03847	0.0285077	7.95725	7.95725	0.937998	0.939481	-1.06442	2.34353	23.9005	9.06536	1
cg11918740	MED28	0.1223	0.972639	1.02859	1.02859	0.252842	2.74634	2.74634	0.0747893	5.78379	5.78379	0.532853	1.68791	1.68791	?	?	?	0.763381	1.28224	1.28224	0.6692	1.42561	1.42561	0.259505	0.370028	-2.7025	0.0199022	0.0717435	-13.9385	2.97837	25.9901	5.45392	1
cg13945667	HEATR2	0.122304	0.0887687	0.507722	-1.96958	0.776703	1.10812	1.10812	0.499088	1.28113	1.28113	0.710193	1.14427	1.14427	0.00589317	0.272284	-3.67264	0.379792	0.722311	-1.38445	0.851952	1.06978	1.06978	0.549611	0.803653	-1.24432	0.17694	0.595594	-1.679	2.34345	4.83839	1.83524	1
cg00862675	UGT1A9;UGT1A10;UGT1A8	0.122305	0.566643	0.746363	-1.33983	0.0283385	0.270539	-3.69633	0.221721	0.52272	-1.91307	0.0517429	0.326887	-3.05916	0.14949	0.458143	-2.18273	0.220749	0.521933	-1.91595	0.974032	0.983694	-1.01658	0.146385	0.455006	-2.19777	0.0158725	0.22491	-4.44622	2.34344	9.4682	3.59138	1
cg12590668	MECR;MECR	0.122307	0.669644	1.13988	1.13988	0.36731	1.32646	1.32646	0.131158	0.608231	-1.64411	0.623826	1.16276	1.16276	0.485943	0.805749	-1.24108	0.615261	0.856768	-1.16718	0.00549353	0.328359	-3.04545	0.425919	1.28149	1.28149	0.753634	0.908421	-1.10081	2.34342	3.45397	1.31014	1
cg15255042	ECT2L;ECT2L	0.122308	0.286343	1.41784	1.41784	0.05425	0.502174	-1.99134	0.0119362	0.371861	-2.68918	0.74802	1.10698	1.10698	0.330314	0.728505	-1.37267	0.754285	0.905736	-1.10407	0.311685	1.39102	1.39102	0.310438	0.718245	-1.39228	0.893984	1.04294	1.04294	2.34342	3.6904	1.39982	1
cg11081826	RPP21	0.122308	0.234831	0.642219	-1.5571	0.148476	1.73527	1.73527	0.27564	1.49677	1.49677	0.294495	1.47205	1.47205	0.0135256	0.337237	-2.96528	0.360112	1.39737	1.39737	0.973558	0.988282	-1.01186	0.761529	1.11432	1.11432	0.311429	0.689069	-1.45123	2.34341	4.69369	1.78039	1
cg26577752	FAIM3;FAIM3;FAIM3	0.12231	0.159125	0.758448	-1.31848	0.554601	1.11607	1.11607	0.528804	0.889375	-1.12439	0.219593	0.78885	-1.26767	0.0210356	0.600532	-1.66519	0.0260105	0.615438	-1.62486	0.752877	0.94362	-1.05975	0.521933	0.887585	-1.12665	0.0447614	0.654899	-1.52695	2.3434	1.25286	0.475229	1
cg23232299	GNG12	0.122312	0.271451	0.462368	-2.16278	0.497044	0.628385	-1.59138	0.0641865	0.246252	-4.06088	0.790557	0.83581	-1.19644	0.0568898	0.234112	-4.27145	0.673062	1.33104	1.33104	0.0227838	0.159419	-6.27278	0.268792	2.17285	2.17285	0.128436	0.330471	-3.02598	2.34338	16.8497	6.39142	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg05788332	ASAP3;ASAP3	0.122316	0.449687	0.776812	-1.28731	0.193113	1.57075	1.57075	0.0284403	2.33475	2.33475
cg02909042	MAPK1IP1L	0.122316	0.341206	1.15417	1.15417	0.748534	1.04814	1.04814	0.706875	1.05678	1.05678
cg21620535	NUCB2	0.122318	0.906398	1.03569	1.03569	0.0118504	2.55146	2.55146	0.45688	1.25344	1.25344
cg18355410	C5orf4	0.12232	0.422124	1.24173	1.24173	0.687903	1.11251	1.11251	0.985671	1.00475	1.00475
cg20382774	KCTD1;KCTD1;KCTD1;KCTD1	0.122333	0.819846	0.948918	-1.05383	0.0223288	0.532959	-1.87632	0.074475	0.633328	-1.57896
cg09687966	C20orf94;MKKS	0.122342	0.0696363	1.34644	1.34644	0.164726	1.2427	1.2427	0.0438044	1.40452	1.40452
cg20084646	C19orf53	0.122343	0.329548	1.16197	1.16197	0.510319	0.905175	-1.10476	0.268631	1.18755	1.18755
cg05231226	ACSF3;ACSF3;ACSF3	0.122346	0.631163	1.11566	1.11566	0.554088	1.14501	1.14501	0.265563	0.769121	-1.30019
cg14911460	FAM188B	0.122346	0.762669	0.962204	-1.03928	0.158575	0.825534	-1.21134	0.0342081	1.36936	1.36936
cg14328230	MAP1S	0.12235	0.21327	0.632159	-1.58188	0.863242	1.06218	1.06218	0.909382	1.04064	1.04064
cg09120725	SMOC2;SMOC2	0.12235	0.162679	0.451483	-2.21492	0.16823	0.456807	-2.18911	0.172084	0.460448	-2.1718
cg03965333	C7orf72	0.122353	0.177648	0.522842	-1.91262	0.0396301	0.340592	-2.93606	0.0330527	0.323619	-3.09005
cg16869008	DGAT1	0.122353	0.812397	0.961267	-1.04029	0.326238	1.18342	1.18342	0.0458235	1.4628	1.4628
cg15658306	TREML2	0.122358	0.106805	0.576434	-1.7348	0.569954	1.19679	1.19679	0.114875	0.584831	-1.7099
cg10911877	PAFAH1B1	0.122359	0.0846064	0.797616	-1.25374	0.606144	1.0636	1.0636	0.0383812	1.32902	1.32902
cg22332577	WRN	0.122362	0.830033	0.88975	-1.12391	0.315077	0.568643	-1.75857	0.0536029	0.303897	-3.29058
cg00767637	PABPC1L2B;PABPC1L2B	0.122364	0.278896	0.113577	-8.80459	0.872889	0.733915	-1.36256	0.989957	1.02462	1.02462
cg03859162	SLC15A1;SLC15A1	0.122366	0.197171	0.628382	-1.59139	0.899475	1.04401	1.04401	0.655016	0.857911	-1.16562
cg03730535	HNRNPUL1	0.122366	0.0369023	2.02548	2.02548	0.0605542	1.8519	1.8519	0.192571	1.49422	1.49422
cg10928426	PRRT4	0.122368	0.384567	0.564093	-1.77276	0.150822	0.372023	-2.68801	0.064037	0.26273	-3.80619
cg00706802	KIF9;KIF9;KIF9	0.122369	0.287014	0.553517	-1.80663	0.761069	1.17723	1.17723	0.058396	0.318489	-3.13983
cg24124330	MAD1L1;MAD1L1;MAD1L1	0.122369	0.784749	0.936312	-1.06802	0.0591475	0.599219	-1.66884	0.318776	0.780626	-1.28102
cg05367052	DNAH17	0.12237	0.857317	1.04657	1.04657	0.406442	0.806719	-1.23959	0.281913	1.32684	1.32684
cg19001086	CYP4F22	0.122371	0.569152	0.843822	-1.18508	0.730704	1.10735	1.10735	0.771186	0.917535	-1.08988
cg00714672	FTO	0.122371	0.794678	1.08183	1.08183	0.725949	0.89931	-1.11196	0.0880967	0.566889	-1.76401
cg03921216	HCG27	0.122371	0.177414	0.786626	-1.27125	0.00582689	1.83041	1.83041	0.579066	0.910444	-1.09836
cg11752829	TAP2;TAP2	0.122373	0.0691785	0.361924	-2.76301	0.259662	0.555568	-1.79996	0.333261	0.607208	-1.64688
cg21381779	APPL2	0.122374	0.80448	1.07027	1.07027	0.370629	0.777474	-1.28622	0.0296641	0.496167	-2.01545
cg01719095	DR1	0.122374	0.558848	0.769009	-1.30037	0.837964	1.09525	1.09525	0.173536	1.9029	1.9029
cg26471781	PSMD7	0.122375	0.396948	1.17729	1.17729	0.925689	0.982599	-1.01771	0.0103617	1.83599	1.83599
cg14022645	TFE3	0.122377	0.092847	0.303272	-3.29737	0.899672	1.08479	1.08479	0.59228	0.705526	-1.41738
cg05301057	COPS8;COPS8	0.122379	0.0187243	0.284391	-3.51628	0.113626	0.467785	-2.13773	0.876108	0.93346	-1.07128
cg24696151	HLA-DOA	0.122383	0.840317	0.87006	-1.14935	0.353493	0.517538	-1.93222	0.10274	0.291779	-3.42725
cg12014646	SEMA6D;SEMA6D;SEMA6D;SEMA6D;SEMA6D;SEMA6D	0.122384	0.324989	0.557982	-1.79217	0.00336304	0.10127	-9.87464	0.20928	0.467822	-2.13757
cg23501051	LOC100126784;NAV2;NAV2	0.122388	0.2174	0.329494	-3.03496	0.0187662	11.4293	11.4293	0.374678	2.18044	2.18044
cg25832123	LOC154822	0.122389	0.776787	1.13843	1.13843	0.0265564	0.301442	-3.31738	0.232469	0.564884	-1.77028
cg10144112	ZNF644;ZNF644;ZNF644	0.122391	0.25775	1.6768	1.6768	0.0492898	2.67008	2.67008	0.105888	2.16627	2.16627
cg06998145	KIAA0831	0.122392	0.967696	1.00595	1.00595	0.459698	1.11659	1.11659	0.00838173	1.63788	1.63788
cg03292040	CCDC74A	0.122393	0.636498	0.838949	-1.19197	0.416865	0.736339	-1.35807	0.592324	0.819236	-1.22065
cg20330922	CATSPER4	0.122394	0.249908	0.533842	-1.87321	0.815981	0.885428	-1.1294	0.105494	0.397258	-2.51726
cg08025954	ADORA2A	0.122395	0.81225	0.886445	-1.1281	0.402704	0.648034	-1.54313	0.26569	0.55569	-1.79957
cg22823009	TSC22D3;TSC22D3	0.122395	0.0219151	0.168827	-5.92322	0.212276	0.427427	-2.33958	0.432109	1.67981	1.67981
cg00990740	ERG;ERG;ERG;ERG	0.122396	0.669733	0.862707	-1.15914	0.00722597	3.29746	3.29746	0.643571	0.851816	-1.17396
cg01566028	CDK5RAP2;CDK5RAP2	0.122396	0.0291795	0.205772	-4.85976	0.152976	0.390054	-2.56374	0.127867	0.363272	-2.75276
cg20934571	CARKD	0.122397	0.330333	0.706647	-1.41513	0.290432	0.684374	-1.46119	0.238038	0.65232	-1.53299
cg10959907	RGS12;RGS12;RGS12	0.122397	0.0987093	1.63462	1.63462	0.0459455	1.86058	1.86058	0.17174	1.4842	1.4842
cg16656875	SCML4	0.122399	0.0278761	0.12767	-7.8327	0.083504	0.219298	-4.56	0.0397725	0.152151	-6.57241
cg10669129	SNORD115-16	0.1224	0.198305	0.431324	-2.31844	0.133217	0.367184	-2.72343	0.17181	0.406696	-2.45884
cg12121075	P2RX7	0.122403	0.962227	0.9605	-1.04112	0.0154623	12.5292	12.5292	0.0996891	4.6432	4.6432
cg13461482	TCIRG1;TCIRG1	0.122405	0.158876	0.680493	-1.46952	0.203096	0.709319	-1.4098	0.160957	0.681973	-1.46633
cg14245910	TMEM209	0.122406	0.217123	0.676177	-1.4789	0.756311	1.09834	1.09834	0.468579	0.800744	-1.24884
cg05373256	C11orf9;DKFZP434K028;C11orf9	0.122406	0.201938	2.57383	2.57383	0.968239	0.97245	-1.02833	0.924626	0.93576	-1.06865
cg09020064	EIF2C2;EIF2C2	0.122412	0.307378	1.21297	1.21297	0.200926	1.27994	1.27994	0.269114	1.23404	1.23404
cg18401778	TMEM108;TMEM108	0.122416	0.0251784	0.15858	-6.30598	0.217986	0.40807	-2.45056	0.444826	0.583478	-1.71386
cg26301788	VEGFC	0.122416	0.560413	0.934137	-1.07051	0.0110335	1.44621	1.44621	0.178286	1.18	1.18
cg12810183	PAPOLA	0.122416	0.10755	0.6699	-1.49276	0.182096	0.723936	-1.38134	0.185677	1.37728	1.37728
cg02866761	IL17RA	0.122417	0.472915	0.880673	-1.1355	0.150887	0.764944	-1.30729	0.138173	0.757403	-1.3203
cg09555217	C11orf58;C11orf58	0.122418	0.00927404	0.345959	-2.89051	0.18331	1.57446	1.57446	0.276971	1.43839	1.43839
cg25625457	LAX1;LAX1	0.122422	0.0941291	1.69956	1.69956	0.027514	0.471792	-2.11958	0.309096	0.738349	-1.35437
cg18330370	SNTG2	0.122423	0.285059	0.56337	-1.77503	0.728435	0.835164	-1.19737	0.118355	0.416366	-2.40173
cg21068736	RNF146	0.122425	0.29557	1.19245	1.19245	0.0788131	0.728534	-1.37262	0.799959	0.959635	-1.04206
cg16643151	GRID1	0.122427	0.0318874	4.73334	4.73334	0.0244274	5.24715	5.24715	0.0905376	3.16744	3.16744
cg24787865	C11orf49;C11orf49;C11orf49;C11orf49	0.122427	0.993595	0.996063	-1.00395	0.201504	0.515401	-1.94024	0.187209	0.503124	-1.98758
cg17119066	TEX14;TEX14	0.122428	0.216433	1.59582	1.59582	0.10395	0.527903	-1.89429	0.334097	0.699093	-1.43043
cg08743899	JARID2	0.122431	0.566353	0.911425	-1.09718	0.891387	0.978377	-1.0221	0.38184	0.866313	-1.15432
cg00043788	VSX1;VSX1;VSX1;VSX1	0.122433	0.215071	3.57155	3.57155	0.16671	4.21323	4.21323	0.044948	9.43841	9.43841
cg23023263	ULK4	0.122434	0.466522	0.8414	-1.18849	0.0204691	1.91718	1.91718	0.0656954	1.61826	1.61826
cg12356859	LOC150622	0.122434	0.959251	0.982052	-1.01828	0.616906	0.836294	-1.19575	0.323664	1.43523	1.43523
cg07757611	NT5DC2;NT5DC2	0.122435	0.224914	1.82776	1.82776	0.0145928	4.15005	4.15005	0.690226	0.827337	-1.2087
cg13882921	ZNF397;ZNF397	0.122436	0.254885	1.66351	1.66351	0.176002	1.8514	1.8514	0.757377	1.14187	1.14187
cg05783223	FGR	0.122438	0.0984348	2.82337	2.82337	0.275121	1.91606	1.91606	0.0969753	2.83864	2.83864
cg03486689	USP53;USP53	0.122442	0.843916	1.13982	1.13982	?	?	?	0.900823	1.08627	1.08627
cg24839868	NCSTN	0.122443	0.460742	1.15056	1.15056	0.809222	1.04621	1.04621	0.702099	1.07441	1.07441
cg17468440	PPP2R1B;PPP2R1B	0.122444	0.801376	0.951103	-1.05141	0.0414567	1.59625	1.59625	0.0931697	1.44386	1.44386
cg18485070	LOC401010	0.122444	0.367985	1.27113	1.27113	0.724973	0.912434	-1.09597	0.0690517	0.589912	-1.69517
cg09783874	SCARF2;SCARF2	0.122446	0.271626	0.833227	-1.20015	0.538553	1.10437	1.10437	0.262112	1.20493	1.20493
cg06575035	PCDHGA4;PCDHGA2;PCDHGA5;PCDHGB2;PCDHGA1;PCDHGB1;PCDHGA3;PCDHGA5	0.122446	0.0697633	4.66352	4.66352	0.0108726	11.3347	11.3347	0.111874	3.723	3.723
cg18123677	SERPINI1;SERPINI1	0.122446	0.150928	0.531913	-1.88001	0.309924	0.649911	-1.53867	0.290257	1.56853	1.56853
cg13677424	FBXO4;FBXO4	0.122451	0.0234101	0.5611	-1.78221	0.140624	0.71305	-1.40243	0.420343	0.838895	-1.19204
cg10063047	FTCD;FTCD	0.122461	0.201026	0.781206	-1.28007	0.648712	0.919559	-1.08748	0.0851562	0.706082	-1.41627
cg00163037	LOC387763	0.122461	0.223029	1.16474	1.16474	0.31338	1.13223	1.13223	0.970963	1.00434	1.00434
cg16944977	FAM179A	0.122469	0.0451517	0.384227	-2.60263	0.230442	0.592391	-1.68808	0.746318	0.873642	-1.14463
cg08134518	NAGA;NAGA	0.122473	0.173451	0.702373	-1.42375	0.0234399	0.516647	-1.93556	0.420136	0.817982	-1.22252
cg22250145	FCHSD2;FCHSD2	0.122473	0.132634	0.564692	-1.77088	0.884003	0.949884	-1.05276	0.123466	1.79972	1.79972
cg26472089	MAPK14;MAPK14;MAPK14;MAPK14	0.122478	0.229866	0.642065	-1.55747	0.0206572	0.375261	-2.66481	0.160157	0.589934	-1.69511
cg03963011	ETS1	0.122479	0.39267	1.52544	1.52544	0.00417701	6.36566	6.36566	0.167953	2.03125	2.03125
cg11076555	TTYH3	0.122483	0.345164	0.766144	-1.30524	0.324995	0.756946	-1.3211	0.776499	0.924984	-1.0811
cg26006473	PCGF3	0.122485	0.655062	0.934327	-1.07029	0.549545	1.09579	1.09579	0.0193667	0.652346	-1.53293
cg13285698	TRAPPC9;TRAPPC9	0.122485	0.0665951	0.347612	-2.87677	0.840938	0.901922	-1.10874	0.269607	0.554008	-1.80503
cg10780318	LOC285847;C6orf81	0.122486	0.039509	0.319683	-3.1281	0.0283588	0.289565	-3.45345	0.0272278	0.286056	-3.49581
cg26958486	SP3;SP3	0.122487	0.772546	1.05895	1.05895	0.0813533	1.46499	1.46499	0.150959	1.35553	1.35553
cg10996148	ABR;ABR;ABR	0.122488	0.569716	0.674869	-1.48177	0.652564	1.36368	1.36368	0.203374	2.50674	2.50674
cg23401212	PSMF1;PSMF1	0.122488	0.743892	0.867393	-1.15288	0.342999	1.52797	1.52797	0.675961	1.20012	1.20012
cg03326128	ASAP1	0.122495	0.107069	0.472721	-2.11541	0.192256	0.555521	-1.80011	0.0189224	0.298014	-3.35554
cg03938800	DCAF6;DCAF6	0.122495	0.473987	0.858171	-1.16527	0.238305	1.2962	1.2962	0.40764	1.19472	1.19472
cg13344855	KANK2;KANK2	0.122496	0.139227	0.358925	-2.78609	0.50043	1.55326	1.55326	0.655893	1.33476	1.33476
cg11575922	RASA4P	0.122496	0.5066	1.14244	1.14244	0.39155	0.840727	-1.18945	0.613395	1.10593	1.10593
cg03181214	RPL36A	0.122497	0.0782111	0.24304	-4.11454	0.0150811	0.115412	-8.6646	0.38614	0.526095	-1.9008
cg06072036	PNPLA2	0.122499	0.905762	1.06417	1.06417	0.00618954	6.5202	6.5202	0.118903	2.43246	2.43246
cg04202338	RPL32;SNORA7A;RPL32;RPL32	0.122503	0.0526444	0.620085	-1.61268	0.899426	1.02781	1.02781	0.176102	0.731971	-1.36617
cg06386634	RADIL	0.122504	0.892213	1.07178	1.07178	0.31989	0.591221	-1.69142	0.159057	0.463202	-2.15888
cg23163136	PARP1	0.122505	0.31518	1.30407	1.30407	0.245822	0.733244	-1.3638	0.654554	1.12202	1.12202
cg24787102	KIAA0146	0.122506	0.273971	0.684376	-1.46119	0.777512	0.909939	-1.09897	0.538857	0.812784	-1.23034
cg01750507	USP14;USP14	0.122507	0.464933	1.20533	1.20533	0.551282	1.16343	1.16343	0.0160068	2.09688	2.09688
cg04910662	ZFHX3;ZFHX3	0.122507	0.970337	0.984375	-1.01587	0.74124	0.869059	-1.15067	0.0125229	0.268336	-3.72667
cg05889123	CD2AP	0.122507	0.745292	0.943918	-1.05941	0.0938437	0.721646	-1.38572	0.418365	1.15768	1.15768
cg04291097	TRERF1	0.122509	0.681342	0.853772	-1.17127	0.0624491	0.448031	-2.23199	0.227637	0.615749	-1.62404
cg23540210	CCDC39	0.122511	0.00877714	0.112312	-8.90374	0.112523	0.322462	-3.10114	0.437032	0.594883	-1.681
cg10262357	HLA-F;HLA-F;HLA-F	0.122512	0.0256536	0.76243	-1.3116	0.921996	1.01007	1.01007	0.893578	1.01379	1.01379
cg07981355	CNNM2;CNNM2	0.122513	0.112431	0.706866	-1.4147	0.617496	1.10635	1.10635	0.170555	0.746049	-1.34039
cg08032483	CCDC154;CLCN7;CLCN7	0.122515	0.207037	0.75447	-1.32543	0.00890249	0.494252	-2.02326	0.0851592	0.668312	-1.49631
cg27138059	MLLT1	0.122519	0.748693	1.08406	1.08406	0.00375709	2.67061	2.67061	0.411905	1.23452	1.23452
cg03646740	RASA3	0.12252	0.270078	0.76359	-1.3096	0.581867	1.13954	1.13954	0.064516	0.614008	-1.62864
cg22483030	HLA-DPB1	0.122522	0.0608904	0.294357	-3.39724	0.0254083	0.21483	-4.65485	0.132695	0.390962	-2.55779
cg12651712	CYP4A11	0.122525	0.0343859	0.16584	-6.02991	0.219385	0.390482	-2.56094	0.0754674	0.236723	-4.22434
cg25299319	LRP1	0.122529	0.131427	0.584878	-1.70976	0.479515	0.789195	-1.26711	0.218943	0.653232	-1.53085
cg26197915	PTPRJ;PTPRJ	0.122529	0.112965	0.355196	-2.81535	0.613892	1.35695	1.35695	0.716627	0.803554	-1.24447
cg08670465	LCP2	0.122532	0.0689181	0.287591	-3.47716	0.786996	0.847203	-1.18035	0.121217	0.357474	-2.7974
cg04898316	SEPT10;ANKRD57;SEPT10	0.122532	0.08818	1.54806	1.54806	0.934019	0.980952	-1.01942	0.127543	1.46625	1.46625
cg18585314	UNC5A	0.122534	0.912584	0.954738	-1.04741	0.0186502	3.32923	3.32923	0.261106	1.6394	1.6394
cg15555463	IPO9	0.122535	0.740165	1.11322	1.11322	0.315165	1.39756	1.39756	0.369116	0.742838	-1.34619
cg12592635	RBMS3;RBMS3;RBMS3	0.122535	0.348789	1.17085	1.17085	0.539478	1.10693	1.10693	0.0252614	1.54501	1.54501
cg15881486	CBR3	0.122535	0.615839	1.24225	1.24225	0.0154677	3.57427	3.57427	0.0162702	3.52516	3.52516
cg15558299	ELK4;ELK4	0.122536	0.635386	0.891935	-1.12116	0.70086	1.09682	1.09682	0.544833	1.15804	1.15804
cg23209926	FAM155A	0.122536	0.862673	1.0358	1.0358	0.381044	1.20023	1.20023	0.484905	0.865736	-1.15509
cg03334213	C4orf26	0.122539	0.445648	0.791443	-1.26351	0.813708	0.931445	-1.0736	0.0873168	0.566711	-1.76457
cg07009835	MTSS1L	0.122541	0.354819	0.492824	-2.02912	0.387086	1.93225	1.93225	0.117759	3.57346	3.57346
cg08812937	PNMA5;PNMA5;PNMA5	0.122545	0.199478	2.15845	2.15845	0.66561	0.781306	-1.27991	0.186083	0.451279	-2.21593
cg04670922	PTPRN2;PTPRN2;PTPRN2	0.122546	0.64967	0.804014	-1.24376	0.395807	1.51411	1.51411	0.344509	0.628465	-1.59118
cg15187882	SLC25A23	0.122548	0.158255	1.46479	1.46479	0.708452	1.09972	1.09972	0.832072	0.947683	-1.0552
cg06942685	ZNF542;ZNF542;ZNF542;ZNF542	0.122549	0.248513	1.18339	1.18339	0.0094507	1.58268	1.58268	0.066315	1.33308	1.33308
cg03507262	CLMN	0.122553	0.52213	0.771942	-1.29543	0.0184863	0.319817	-3.12678	0.178021	0.564933	-1.77012
cg19223824	SLC12A5;SLC12A5	0.12256	0.518793	0.672415	-1.48718	0.399606	1.68744	1.68744	0.0957895	0.329542	-3.03451
cg03520085	GPR157	0.122563	0.106067	5.40643	5.40643	0.678008	1.4906	1.4906	0.268077	3.01301	3.01301
cg19207364	LOH12CR1	0.122566	0.123635	0.762755	-1.31104	0.299323	1.19087	1.19087	0.728182	0.944915	-1.0583
cg17448137	ZMYM1	0.122567	0.828565	0.950357	-1.05224	0.194548	1.38017	1.38017	0.0193861	1.94211	1.94211
cg04431596	SLC43A1	0.122568	0.188782	0.783	-1.27714	0.487517	0.883445	-1.13193	0.654721	0.923961	-1.0823
cg10498900	PANK3	0.122569	0.0620009	0.28492	-3.50975	0.577857	1.39919	1.39919	0.722319	1.23762	1.23762

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)
cg05788332	0.213765	0.651023	-1.53604	0.821434	0.928562	-1.07693	0.309244	0.708213	-1.412	0.22961	0.661463	-1.5118	0.0610652	0.500534
cg02909042	0.118429	0.780506	-1.28122	0.834017	0.969789	-1.03115	0.0102209	0.622907	-1.60538	0.0911527	0.761841	-1.31261	0.496965	1.10608
cg21620535	0.229022	1.45694	1.45694	0.694602	0.889018	-1.12484	0.625227	1.15808	1.15808	0.0509446	0.515368	-1.94036	0.256585	1.42337
cg18355410	0.0982599	1.61414	1.61414	0.398741	0.796034	-1.25623	0.739657	0.915712	-1.09205	0.00521897	2.64605	2.64605	0.696372	0.901638
cg20382774	0.375386	0.811305	-1.23258	0.178934	0.720226	-1.38845	0.228238	0.747749	-1.33735	0.219636	0.743275	-1.3454	0.173044	1.39551
cg09687966	0.171064	1.2382	1.2382	0.143247	1.25937	1.25937	0.600476	0.925457	-1.08055	0.158296	0.801634	-1.24745	0.617278	0.928805
cg20084646	0.0886676	1.32338	1.32338	0.0712055	1.35074	1.35074	0.306334	1.17117	1.17117	0.097276	0.762242	-1.31192	0.527025	1.10034
cg05231226	0.150283	0.705465	-1.4175	0.0131179	0.49856	-2.00578	0.161028	1.40316	1.40316	0.585366	1.13275	1.13275	0.137038	0.696011
cg14911460	0.391314	1.11822	1.11822	0.604693	1.06869	1.06869	0.0400402	1.35241	1.35241	0.0862831	1.27264	1.27264	0.527291	0.92175
cg14328230	0.165744	1.67737	1.67737	0.216305	1.57661	1.57661	0.917742	0.964498	-1.03681	0.00674884	0.292623	-3.41736	0.888217	1.05044
cg09120725	0.139957	0.428558	-2.33341	0.0156963	0.205976	-4.85492	0.495017	0.690945	-1.44729	0.0284399	0.251611	-3.97439	0.0739557	0.345546
cg03965333	0.13546	0.482692	-2.07171	0.0194374	0.278331	-3.59285	0.726739	0.853154	-1.17212	0.71403	1.18128	1.18128	0.285142	0.604994
cg16869008	0.887635	0.976784	-1.02377	0.302205	0.837293	-1.19433	0.0393891	0.67303	-1.48582	0.292652	0.83411	-1.19888	0.192198	1.25778
cg15658306	0.238478	0.679567	-1.47153	0.0375997	0.47015	-2.12698	0.985079	1.00587	1.00587	0.964673	1.01395	1.01395	0.0203795	0.417008
cg10911877	0.594154	1.06583	1.06583	0.0549304	1.2944	1.2944	0.142024	0.829325	-1.2058	0.557815	1.0728	1.0728	0.942094	0.991425
cg22332577	0.0418762	3.57646	3.57646	0.100539	0.376229	-2.65795	0.783975	1.16105	1.16105	0.134987	0.416606	-2.40035	0.826854	1.12642
cg00767637	0.200201	13.661	13.661	0.533617	3.38095	3.38095	0.00997153	0.00185978	-537.697	0.637871	2.49932	2.49932	0.605027	2.74028
cg03859162	0.886033	0.952304	-1.05009	0.778472	0.908367	-1.10088	0.130734	0.57343	-1.74389	0.00476545	0.278857	-3.58607	0.343689	1.39432
cg03730535	0.0540798	1.89018	1.89018	0.350343	1.32304	1.32304	0.0555729	1.88089	1.88089	0.843056	1.05942	1.05942	0.30635	0.734623
cg10928426	0.120672	0.339282	-2.9474	0.0144133	0.144174	-6.93606	0.103736	0.31899	-3.13489	0.054781	0.246856	-4.05095	0.0719715	0.275298
cg00706802	0.973816	1.01771	1.01771	0.0275163	0.247926	-4.03345	0.127227	0.413793	-2.41667	0.0206907	0.225272	-4.43908	0.911035	0.941956
cg24124330	0.11603	1.50766	1.50766	0.400915	1.22956	1.22956	0.141517	1.46226	1.46226	0.0304866	1.84258	1.84258	0.842881	1.04885
cg05367052	0.0770457	0.608232	-1.64411	0.0118201	2.21438	2.21438	0.144601	1.48629	1.48629	0.953476	1.01486	1.01486	0.791094	0.935065
cg19001086	0.46978	0.804901	-1.24239	0.168161	0.648261	-1.54259	0.384355	1.30114	1.30114	0.00679164	0.355136	-2.81582	0.713814	0.896991
cg00714672	0.191389	1.51762	1.51762	0.0542453	0.517484	-1.93243	0.627602	1.15884	1.15884	0.0339746	2.10952	2.10952	0.476274	0.803778
cg03921216	0.527663	0.898401	-1.11309	0.211969	1.24625	1.24625	0.731962	1.05925	1.05925	0.778668	1.04831	1.04831	0.653942	0.927233
cg11752829	0.141025	0.453231	-2.20638	0.0187506	0.240826	-4.15237	0.123505	0.43434	-2.30234	0.033566	0.289089	-3.45914	0.0955894	0.400465
cg21381779	0.847437	1.05415	1.05415	0.0235657	0.476966	-2.09659	0.228952	1.41293	1.41293	0.498276	1.20711	1.20711	0.628755	1.14269
cg01719095	0.0294709	0.320081	-3.12421	0.0499026	0.370237	-2.70097	0.997815	1.00122	1.00122	0.168534	1.91922	1.91922	?	?
cg26471781	0.0609674	1.48792	1.48792	0.0806812	1.43981	1.43981	0.768839	1.05702	1.05702	0.883583	0.972806	-1.02795	0.0577127	1.4975
cg14022645	0.0184981	6.31746	6.31746	0.146636	0.365951	-2.73261	0.118348	0.33486	-2.98633	0.825906	1.15274	1.15274	0.86716	1.11407
cg05301057	0.0495972	0.372082	-2.68758	0.149667	0.505742	-1.97729	0.025196	0.308869	-3.23762	0.224281	0.569268	-1.75664	0.476221	0.726363
cg24696151	0.615764	0.705305	-1.41783	0.0335132	0.180204	-5.54927	0.275389	0.45707	-2.18785	0.0296641	0.170987	-5.8484	0.0164104	0.132186
cg12014646	0.679976	1.26883	1.26883	0.378622	0.595403	-1.67953	0.484782	0.665293	-1.5031	0.214728	0.472499	-2.11641	0.227583	0.483319
cg23501051	0.544986	0.592093	-1.68893	0.348261	2.28452	2.28452	0.608313	1.55615	1.55615	0.284585	0.386372	-2.58818	0.646556	0.673685
cg25832123	0.052731	2.73031	2.73031	0.127872	0.471972	-2.11877	0.113693	0.456104	-2.19248	0.942168	0.967448	-1.03365	0.89874	1.05979
cg10144112	0.205414	1.79446	1.79446	0.0272697	3.13737	3.13737	0.141307	1.99838	1.99838	0.0242599	3.23966	3.23966	0.0974446	2.21661
cg06998145	0.390985	1.13742	1.13742	0.0383308	1.42135	1.42135	0.397448	1.13534	1.13534	0.0921829	1.31199	1.31199	0.0894563	1.31562
cg03292040	0.837604	1.07864	1.07864	0.171114	0.58418	-1.7118	0.240429	1.57361	1.57361	0.00804206	3.49895	3.49895	0.616208	0.829929
cg20330922	0.183564	0.478787	-2.08861	0.0141111	0.205707	-4.86128	0.113759	0.407301	-2.45519	0.0382405	0.285467	-3.50303	0.115032	0.408808
cg08025954	0.563923	0.744154	-1.34381	0.00323727	0.130754	-7.64793	0.549853	0.736026	-1.35865	0.566395	1.34124	1.34124	0.258501	0.550335
cg22823009	0.0389884	4.69228	4.69228	0.847323	0.88276	-1.13281	0.15261	0.371151	-2.69432	0.605348	0.713749	-1.40105	0.568103	0.688477
cg00990740	0.358992	0.722779	-1.38355	0.394401	1.35021	1.35021	0.75178	1.11541	1.11541	0.0795632	1.95384	1.95384	0.875674	1.05537
cg01566028	0.253183	0.479929	-2.08364	0.0478219	0.248603	-4.02248	0.104143	0.335235	-2.98298	0.0306973	0.209818	-4.76602	0.692304	0.782962
cg20934571	0.064096	0.487119	-2.05289	0.217123	0.638345	-1.56655	0.0137345	0.348837	-2.86667	0.0356789	0.429527	-2.32814	0.486447	0.783142
cg10959907	0.261973	0.727984	-1.37366	0.1977	1.44709	1.44709	0.0268784	2.03708	2.03708	0.206704	1.43542	1.43542	0.468265	1.22177
cg16656875	0.234157	0.372377	-2.68545	0.0561245	0.180239	-5.54817	0.199097	0.341392	-2.92919	0.0457237	0.162956	-6.13663	0.126706	0.270236
cg10669129	0.130849	0.364578	-2.7429	0.0385899	0.227198	-4.40145	0.0795111	0.300041	-3.33288	0.0140335	0.15322	-6.52656	0.608053	0.726187
cg12121075	0.330926	0.425845	-2.34827	0.32525	0.421301	-2.3736	0.166393	0.284876	-3.5103	0.533313	0.58455	-1.71072	0.35009	2.26704
cg13461482	0.434737	0.81568	-1.22597	0.254239	0.737617	-1.35572	0.749602	0.921405	-1.0853	0.035625	1.86859	1.86859	0.92834	0.977268
cg14245910	0.972148	0.989535	-1.01058	0.364258	1.32437	1.32437	0.00569771	0.33535	-2.98196	0.788552	0.922194	-1.08437	0.653278	1.14597
cg05373256	0.120798	3.25605	3.25605	0.0918934	3.67656	3.67656	0.813419	1.18045	1.18045	0.00859391	10.5026	10.5026	0.124709	3.20989
cg09020064	0.013913	1.74226	1.74226	0.141882	1.33451	1.33451	0.166388	0.763662	-1.30948	0.0643614	1.46188	1.46188	0.696472	1.07426
cg18401778	0.898049	1.09271	1.09271	0.0260202	0.160857	-6.21669	0.7668	1.22839	1.22839	0.26055	0.444122	-2.25164	0.0486032	0.21054
cg26301788	0.992323	0.998887	-1.00111	0.722918	0.959638	-1.04206	0.22583	0.863129	-1.15858	0.557783	0.9337	-1.07101	0.394061	1.10631
cg12810183	0.0561973	0.610622	-1.63767	0.549047	1.14832	1.14832	0.670332	0.906942	-1.10261	0.146219	1.42732	1.42732	0.122761	1.46438
cg02866761	0.52135	0.893028	-1.11979	0.100765	0.731337	-1.36736	0.472698	0.880616	-1.13557	0.00666061	0.541814	-1.84565	0.650716	1.08257
cg09555217	0.919334	0.967957	-1.0331	0.181037	1.57864	1.57864	0.848901	0.940521	-1.06324	0.236241	1.49037	1.49037	0.610514	1.17957
cg25625457	0.31138	0.739477	-1.35231	0.481858	1.22876	1.22876	0.452245	1.24693	1.24693	0.0996457	1.68207	1.68207	0.313302	0.740423
cg18330370	0.847621	0.905369	-1.10452	0.0751499	0.359146	-2.78438	0.638495	1.27703	1.27703	0.757525	1.17355	1.17355	0.00723087	0.166777
cg21068736	0.825344	1.03651	1.03651	0.536025	1.10704	1.10704	0.128974	1.30502	1.30502	0.305869	1.18772	1.18772	0.0408183	0.681728
cg16643151	0.307306	1.92194	1.92194	0.230461	2.17656	2.17656	0.843322	1.13013	1.13013	0.0842046	3.2578	3.2578	0.0391425	4.37429
cg24787865	0.156048	2.10795	2.10795	0.0836704	0.39034	-2.56187	0.990764	0.994328	-1.0057	0.0498696	3.00146	3.00146	0.154771	2.1135
cg17119066	0.772651	1.1097	1.1097	0.0291063	0.396895	-2.51956	0.18879	1.64921	1.64921	0.212612	1.60274	1.60274	0.336424	1.42782
cg08743899	0.127014	0.767917	-1.30222	0.412398	0.874507	-1.1435	0.890133	1.02236	1.02236	0.00645429	1.76247	1.76247	0.469805	0.889
cg00043788	0.0446302	9.47906	9.47906	0.0474499	9.13377	9.13377	0.777189	1.31884	1.31884	0.824229	0.80493	-1.24234	0.0262463	13.0887
cg23023263	0.777348	1.0683	1.0683	0.630245	1.11968	1.11968	0.869393	0.962374	-1.0391	0.194667	1.37675	1.37675	0.0283633	1.82779
cg12356859	0.280074	1.48887	1.48887	0.0252484	2.568	2.568	0.61305	0.834629	-1.19814	0.0146566	2.90139	2.90139	0.136982	1.76443
cg07757611	0.860028	1.0871	1.0871	0.0926809	0.416689	-2.39987	0.929992	1.04245	1.04245	0.767529	0.869135	-1.15057	0.101225	2.33759
cg13882921	0.186297	1.82185	1.82185	0.0434424	0.370003	-2.70268	0.357656	1.49928	1.49928	0.532167	1.31114	1.31114	0.0245184	3.14862
cg05783223	0.165037	2.3354	2.3354	0.0405065	3.87656	3.87656	0.0741995	3.125	3.125	0.0234846	4.71077	4.71077	0.101611	2.79115
cg03486689	0.0161665	0.121446	-8.23413	0.54906	1.49784	1.49784	?	?	?	0.140419	2.94744	2.94744	0.947036	1.04507
cg24839868	0.456807	1.15203	1.15203	0.0521835	0.662019	-1.51053	0.273943	0.80847	-1.2369	0.0120726	1.79412	1.79412	0.820408	0.958422
cg17468440	0.203634	1.30585	1.30585	0.336648	1.21777	1.21777	0.598347	1.11151	1.11151	0.0577399	0.652634	-1.53225	0.229772	0.778323
cg18485070	0.0152956	2.16523	2.16523	0.441457	1.22585	1.22585	0.754276	1.08487	1.08487	0.140294	0.662593	-1.50922	0.690265	0.9013
cg09783874	0.903352	0.980819	-1.01956	0.192788	0.802719	-1.24577	0.359317	0.860481	-1.16214	0.0124074	0.608863	-1.64241	0.0567104	0.709025
cg06575035	0.315583	2.19869	2.19869	0.282294	2.3357	2.3357	0.146564	3.26458	3.26458	0.361235	2.0393	2.0393	0.0326032	6.67808
cg18123677	0.634577	1.21698	1.21698	0.326048	0.659767	-1.51569	0.366116	0.683308	-1.46347	0.0430636	0.384935	-2.59784	0.0126725	0.280618
cg13677424	0.0979538	0.678845	-1.47309	0.0184147	0.543253	-1.84076	0.810085	0.949925	-1.05271	0.353501	1.22593	1.22593	0.608049	0.895495
cg10063047	0.498046	1.13403	1.13403	0.471864	1.14317	1.14317	0.236667	0.797155	-1.25446	0.0127434	1.76101	1.76101	0.804184	0.955594
cg00163037	0.105893	1.23411	1.23411	0.0707499	1.27187	1.27187	0.657467	1.05459	1.05459	0.0890695	0.799845	-1.25024	0.334292	0.888163
cg16944977	0.292867	0.634999	-1.57481	0.00860047	0.247931	-4.03338	0.298821	0.638802	-1.56543	0.438896	0.719954	-1.38898	0.0435795	0.380724
cg08134518	0.141418	0.679948	-1.4707	0.906852	1.02896	1.02896	0.518425	0.852403	-1.17315	0.722051	1.09103	1.09103	0.277989	1.31677
cg22250145	0.567267	1.22587	1.22587	0.0623375	0.477639	-2.09363	0.659209	0.8553	-1.16918	0.0159844	0.353875	-2.82586	0.486734	0.779674
cg26472089	0.40957	0.743337	-1.34529	0.169178	0.597423	-1.67386	0.330737	1.42327	1.42327	0.337833	0.706456	-1.41552	0.913739	0.962609
cg03963011	0.76176	1.15793	1.15793	0.728218	1.18321	1.18321	0.0478995	2.97631	2.97631	0.48578	1.40713	1.40713	0.615788	1.27635
cg11076555	0.810085	0.936167	-1.06819	0.00338571	0.335648	-2.97932	0.434203	1.24436	1.24436	0.182329	0.678555	-1.47372	0.746952	0.915121
cg26006473	0.629638	0.929223	-1.07617	0.524882	1.10223	1.10223	0.144385	0.789094	-1.26728	0.728537	1.05405	1.05405	0.0350607	1.44914
cg13285698	0.933055	1.0441	1.0441	0.0087723	0.180003	-5.55546	0.67284	0.803982	-1.24381	0.0437347	0.303953	-3.28998	0.459722	0.679302
cg10780318	0.578407	0.764266	-1.30844	0.0525738	0.348034	-2.87328	0.489743	0.714608	-1.39937	0.454688	0.694409	-1.44007	0.0988884	0.420409
cg26958486	0.375836	0.835579	-1.19677	0.119161	0.715875	-1.39689	0.305806	1.23314	1.23314	0.256682	0.791373	-1.26363	0.0680396	1.49765
cg10996148	0.709265	0.773872	-1.2922	0.0605317	0.234913	-4.25689	0.33241	0.50439	-1.98259	0.0273528	0.167495	-5.97034	0.0345263	0.185015
cg23401212	0.515316	0.751054	-1.33146	0.248076	0.592147	-1.68877	0.557657	1.29346	1.29346	0.00384013	0.184351	-5.42444	0.734583	0.862713
cg03326128	0.579385	1.2693	1.2693	0.146445	0.514836	-1.94237	0.63022	0.813345	-1.22949	0.26487	0.60962	-1.64037	0.104086	2.13159
cg03938800	0.704334	0.923043	-1.08337	0.607039	1.11512	1.11512	0.428883	1.18487	1.18487	0.00717792	2.07305	2.07305	0.565619	1.12974
cg13344855	0.14755	0.367702	-2.71959	0.0102208	0.124342	-8.04234	0.337204	0.528852	-1.89089	0.13372	0.352972	-2.83308	0.136293	0.355769
cg11575922	0.854811	1.03686	1.03686	0.0148358	0.55303	-1.80822	0.2347	1.27911	1.27911	0.439797	1.16849	1.16849	0.0415223	0.628441
cg03181214	0.0844427	3.97428	3.97428	0.776445	0.813987	-1.22852	0.12383	0.299727	-3.33637	0.564472	0.656309	-1.52367	0.842808	0.86629
cg06072036	0.811962	1.13333	1.13333	0.675923	0.801881	-1.24707	0.92264	1.05234	1.05234	0.959256	0.973527	-1.02719	0.0569798	3.09936
cg04202338	0.207029	0.74927	-1.33463	0.204334	0.74784	-1.33718	0.398903	0.829156	-1.20605	0.0107282	0.498806	-2.00479	0.0508253	0.617155
cg06386634	0.630017	0.780221	-1.28169	0.0280893	0.265452	-3.76716	0.109877	2.43783	2.43783	0.155142	2.17688	2.17688	0.758779	1.17058
cg23163136	0.353665	1.27627	1.27627	0.314904	0.766707	-1.30428	0.578817	1.15412	1.15412	0.00736187	2.41796	2.41796	0.120736	1.53751
cg24787102	0.0808343	0.52467	-1.90596	0.0181092	0.38434	-2.60186	0.951111	1.02064	1.02064	0.480776	0.7876	-1.26968	0.225361	1.52838
cg01750507	0.230349	1.37162	1.37162	0.31869	1.29536	1.29536	0.923952	0.97631	-1.02427	0.0427515	0.556736	-1.79618	0.284657	1.32191
cg04910662	0.916767	0.956692	-1.04527	0.763102	0.879831	-1.13658	0.0510379	0.390162	-2.56303	0.216329	0.576361	-1.73502	0.188619	1.80386
cg05889123	0.129565	0.748283	-1.33639	0.497974	0.885308	-1.12955	0.369732	0.849501	-1.17716	0.107705	0.732846	-1.36454	0.0234622	1.61489
cg04291097	0.178355	0.578384	-1.72896	0.0269662	0.366794	-2.72632	0.0265585	0.365457	-2.7363	0.408958	0.723713	-1.38176	0.815161	1.09381
cg23540210	0.993336	0.994544	-1.00549	0.0695251	0.264502	-3.78068	0.0412062	0.213769	-4.67795	0.250041	0.455003	-2.19779	0.368772	0.546225
cg10262357	0.767843	1.03076	1.03076	0.964029	1.00463	1.00463	0.334034	1.10734	1.10734	0.161936	0.858286	-1.16511	0.0822362	1.21776
cg07981355	0.213769	0.768905	-1.30055	0.00863932	0.510637	-1.95834	0.117889	0.711157	-1.40616	0.0638257	0.65822	-1.51925	0.614952	0.903197
cg08032483	0.477249	0.858124	-1.16533	0.475005	0.857432	-1.16627	0.260047	0.779777	-1.28242	0.382475	1.20881	1.20881	0.552824	1.13556
cg27138059	0.824711	0.945818	-1.05729	0.231122	1.37085	1.37085	0.105206	1.55978	1.55978	0.630737	1.12933	1.12933	0.594972	0.873938
cg03646740	0.415097	1.2161	1.2161	0.0306239	0.550706	-1.81585	0.214836	0.735889	-1.3589	0.106583	1.51263	1.51263	0.412163	0.82124
cg22483030	0.090816	0.340123	-2.94011	0.36381	0.582611	-1.71641	0.492685	0.668091	-1.4968	0.612993	1.34347	1.34347	0.560803	0.711444
cg12651712	0.295398	0.453823	-2.2035	0.35983	0.503855	-1.9847	0.95396	0.958833	-1.04293	0.149029	0.324103	-3.08544	0.0256338	0.145103
cg25299319	0.550438	0.819575	-1.22014	0.00661572	0.313154	-3.19331	0.0667811	0.508201	-1.96772	0.0648689	0.505183	-1.97948	0.952904	0.980736
cg26197915	0.0160873	0.170794	-5.85501	0.0511358	0.263776	-3.7911	0.373833	0.578265	-1.72931	0.0381184	0.236421	-4.22974	0.420747	0.610477
cg08670465	0.304085	0.521196	-1.91866	0.0296571	0.208616	-4.79349	0.15057	0.389344	-2.56842	0.0149606	0.160142	-6.24445	0.891425	0.919787
cg04898316	0.0968127	1.52708	1.52708	0.119842	1.47987	1.47987	0.192102	1.37808	1.37808	0.699159	0.913753	-1.09439	0.750404	1.07694
cg18585314	0.95884	0.978467	-1.02201	0.770778	0.884066	-1.13114	0.0691716	2.3575	2.3575	0.0739525	0.4317	-2.31642	0.737481	1.15245
cg15555463	0.272644	1.4448	1.4448	0.221755	0.661071	-1.5127	0.236834	0.670699	-1.49098	0.0860552	1.84283	1.84283	0.282459	1.43325
cg12592635	0.197361	0.800244	-1.24962	0.135934	0.768927	-1.30051	0.424612	1.14264	1.14264	0.0677319	0.7156	-1.39743	0.741703	0.94735
cg15881486	0.466057	1.37447	1.37447	0.192299	1.80716	1.80716	0.205392	1.77335	1.77335	0.140155	1.97498	1.97498	0.0741171	2.34759
cg15558299	0.35125	1.25822	1.25822	0.591992	1.1383	1.1383	0.636819	0.892374	-1.12061	0.0346541	0.554508	-1.8034	0.205559	0.726335
cg23209926	0.501852	1.14851	1.14851	0.147705	0.729408	-1.37098	0.00999733	1.9361	1.9361	0.164391	1.3517	1.3517	0.625878	0.90501
cg03334213	0.179289	0.651051	-1.53598	0.00954167	0.372454	-2.6849	0.407127	0.774827	-1.29061	0.0219793	0.4375	-2.28572	0.81233	0.930945
cg07009835	0.675175	1.36645	1.36645	0.0657117	0.210877	-4.74211	0.0260954	0.134267	-7.44786	0.242959	2.48608	2.48608	0.581657	1.51059
cg08812937	0.253564	0.508268	-1.96747	0.0258696	0.222803	-4.48826	0.64922	0.771127	-1.2968	0.0266384	0.225135	-4.44177	0.126487	0.391319
cg04670922	0.418485	1.48345	1.48345	0.107724	0.432866	-2.31018	0.0702586	0.380869	-2.62557	0.0132252	0.231089	-4.32733	0.606594	0.780531
cg15187882	0.481807	0.834501	-1.19832	0.201468	0.710803	-1.40686	0.0653998	0.592518	-1.68771	0.15498	1.46984	1.46984	0.0925817	1.59741
cg06942685	0.449008	1.11371	1.11371	0.176159	1.22232	1.22232	0.712034	1.05312	1.05312	0.245284	0.843966	-1.18488	0.759578	1.04378
cg03507262	0.67734	1.18171	1.18171	0.849241	1.07889	1.07889	0.836073	1.08618	1.08618	0.259092	1.59964	1.59964	0.589937	1.24245
cg19223824	0.236774	0.471361	-2.12151	0.247612	0.480249	-2.08225	0.710924	0.797815	-1.25342	0.00818441	0.12833	-7.79238	0.0671913	0.288027
cg03520085	0.203115	3.6128	3.6128	?	?	?	0.583902	1.6969	1.6969	0.124646	0.204041	-4.90098	0.987903	0.985609
cg19207364	0.920931	1.01625	1.01625	0.941748	0.988202	-1.01194	0.0240606	1.54804	1.54804	0.0245504	1.54486	1.54486	0.967571	1.00662
cg17448137	0.037391	0.567134	-1.76325	0.475885	1.18556	1.18556	0.49374	0.849438	-1.17725	0.460775	0.83836	-1.1928	0.556095	1.15003
cg04431596	0.39659	1.16476	1.16476	0.0103246	1.76424	1.76424	0.187303	1.27831	1.27831	0.0988064	1.37436	1.37436	0.637148	1.08706
cg10498900	0.0284216	0.213225	-4.68989	0.122185	0.367552	-2.7207	0.402544	1.66837	1.66837	0.823131	0.874802	-1.14312	0.220771	2.15787

Probeset ID	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05788332	-1.99787	0.549028	0.819722	-1.21993	2.34334	3.98952	1.51332	1
cg02909042	1.10608	0.627904	1.07401	1.07401	2.34334	0.793197	0.300879	1
cg21620535	1.42337	0.895005	0.9614	-1.04015	2.34332	3.29865	1.25127	1
cg18355410	-1.10909	0.591568	0.866743	-1.15374	2.34331	2.58726	0.98143	1
cg20382774	1.39551	0.311001	1.27244	1.27244	2.3432	1.96066	0.743775	1
cg09687966	-1.07665	0.174365	1.23592	1.23592	2.34312	0.797523	0.302549	1
cg20084646	1.10034	0.0366029	1.43671	1.43671	2.34311	0.825977	0.313345	1
cg05231226	-1.43676	0.763758	0.934074	-1.07058	2.34309	1.89977	0.720708	1
cg14911460	-1.08489	0.279907	1.15361	1.15361	2.34308	0.600567	0.227836	1
cg14328230	1.05044	0.914806	0.963248	-1.03815	2.34305	4.54343	1.72365	1
cg09120725	-2.89397	0.104639	0.388146	-2.57635	2.34305	10.5644	4.00784	1
cg03965333	-1.65291	0.680037	0.828849	-1.20649	2.34302	7.60353	2.8846	1
cg16869008	1.25778	0.22497	1.23584	1.23584	2.34302	1.02437	0.388625	1
cg15658306	-2.39803	0.108913	0.578671	-1.7281	2.34298	3.6326	1.37815	1
cg10911877	-1.00865	0.322763	1.12872	1.12872	2.34297	0.521512	0.197854	1
cg22332577	1.12642	0.17296	0.454731	-2.1991	2.34294	10.9573	4.15707	1
cg00767637	2.74028	0.101085	32.1128	32.1128	2.34293	138.528	52.5565	1
cg03859162	1.39432	0.287729	0.686502	-1.45666	2.34291	4.30916	1.63488	1
cg03730535	-1.36124	0.24899	1.42033	1.42033	2.34291	3.14659	1.1938	1
cg10928426	-3.63243	0.339042	0.53107	-1.88299	2.34289	15.3036	5.80617	1
cg00706802	-1.06162	0.189508	0.475433	-2.10334	2.34288	10.6205	4.0294	1
cg24124330	1.04885	0.804636	0.942172	-1.06138	2.34288	2.14365	0.813301	1
cg05367052	-1.06944	0.919835	0.974863	-1.02579	2.34287	2.37316	0.900381	1
cg19001086	-1.11484	0.0530378	0.522655	-1.91331	2.34287	3.23206	1.22625	1
cg00714672	-1.24412	0.478175	1.24292	1.24292	2.34287	3.37465	1.28035	1
cg03921216	-1.07848	0.521892	1.11481	1.11481	2.34286	1.04017	0.394644	1
cg11752829	-2.4971	0.0892512	0.391921	-2.55153	2.34285	9.2711	3.5175	1
cg21381779	1.14269	0.33024	1.31663	1.31663	2.34284	2.78137	1.05527	1
cg01719095	?	0.637264	0.809748	-1.23495	2.36527	6.57364	2.77923	1
cg26471781	1.4975	0.617901	1.09925	1.09925	2.34283	1.31377	0.498454	1
cg14022645	1.11407	0.293318	0.494901	-2.02061	2.34281	15.4484	5.86129	1
cg05301057	-1.37672	0.208393	0.556921	-1.79559	2.34279	7.22728	2.74213	1
cg24696151	-7.56509	0.679299	0.750639	-1.3322	2.34277	17.6631	6.70172	1
cg12014646	-2.06903	0.995016	0.996421	-1.00359	2.34275	12.226	4.63881	1
cg23501051	-1.48437	0.0678338	0.173792	-5.75401	2.34272	27.1557	10.3036	1
cg25832123	1.05979	0.657118	0.815644	-1.22603	2.34271	7.71951	2.92899	1
cg10144112	2.21661	0.72717	1.16568	1.16568	2.34269	7.10727	2.69672	1
cg06998145	1.31562	0.260332	1.18767	1.18767	2.34268	0.796258	0.302126	1
cg03292040	-1.20492	0.298978	0.672273	-1.48749	2.34268	5.0485	1.91557	1
cg20330922	-2.44614	0.0927517	0.380771	-2.62625	2.34267	10.1097	3.83596	1
cg08025954	-1.81708	0.166242	0.473408	-2.11234	2.34265	9.52077	3.61253	1
cg22823009	-1.45248	0.848837	0.883868	-1.13139	2.34265	15.5288	5.89219	1
cg00990740	1.05537	0.395352	0.741096	-1.34935	2.34265	4.39582	1.66794	1
cg01566028	-1.2772	0.0763005	0.297268	-3.36397	2.34265	14.0396	5.32716	1
cg20934571	-1.27691	0.0481079	0.458007	-2.18337	2.34264	4.43323	1.68214	1
cg10959907	1.22177	0.110791	1.60254	1.60254	2.34264	2.73324	1.0371	1
cg16656875	-3.70047	0.308506	0.433944	-2.30445	2.34262	23.2763	8.83199	1
cg10669129	-1.37706	0.0896386	0.314313	-3.18155	2.34262	14.1937	5.3857	1
cg12121075	2.26704	0.610205	0.645644	-1.54884	2.34259	26.8667	10.1945	1
cg13461482	-1.02326	0.0368714	0.538097	-1.8584	2.34257	2.42441	0.919941	1
cg14245910	1.14597	0.216201	1.48019	1.48019	2.34256	3.36878	1.27829	1
cg05373256	3.20989	0.0894556	3.7204	3.7204	2.34256	18.2653	6.93081	1
cg09020064	1.07426	0.374847	1.18108	1.18108	2.34251	1.23866	0.470022	1
cg18401778	-4.74969	0.106604	0.295627	-3.38264	2.34248	17.7484	6.7349	1
cg26301788	1.10631	0.0872223	1.24425	1.24425	2.34248	0.49686	0.188541	1
cg12810183	1.46438	0.542392	0.868781	-1.15104	2.34247	1.93036	0.732506	1
cg02866761	1.08257	0.488101	1.13044	1.13044	2.34247	1.12402	0.426528	1
cg09555217	1.17957	0.722563	1.12144	1.12144	2.34246	3.83471	1.45515	1
cg25625457	-1.35058	0.862786	0.951373	-1.05111	2.34243	3.08077	1.16907	1
cg18330370	-5.99603	0.151266	0.451723	-2.21374	2.34242	9.90732	3.75958	1
cg21068736	-1.46686	0.106757	0.751446	-1.33077	2.3424	0.976831	0.370686	1
cg16643151	4.37429	0.581999	1.41015	1.41015	2.34238	14.1784	5.38042	1
cg24787865	2.1135	0.358318	1.59069	1.59069	2.34238	8.95808	3.39942	1
cg17119066	1.42782	0.419469	0.743482	-1.34502	2.34237	4.79004	1.81773	1
cg08743899	-1.12486	0.686181	1.06715	1.06715	2.34235	0.949756	0.360419	1
cg00043788	13.0887	0.673931	1.51107	1.51107	2.34233	35.3007	13.3962	1
cg23023263	1.82779	0.191175	1.38063	1.38063	2.34232	2.01491	0.764638	1
cg12356859	1.76443	0.264472	1.51024	1.51024	2.34232	4.66117	1.76887	1
cg07757611	2.33759	0.41151	0.672126	-1.48782	2.34231	8.30454	3.15151	1
cg13882921	3.14862	0.233719	1.70658	1.70658	2.34231	6.79931	2.58029	1
cg05783223	2.79115	0.0788919	3.05719	3.05719	2.34229	12.1679	4.61765	1
cg03486689	1.04507	0.15543	0.355575	-2.81235	2.71215	14.0112	4.42807	1
cg24839868	-1.04338	0.482114	0.875093	-1.14274	2.34225	1.29386	0.491023	1
cg17468440	-1.28481	0.485207	1.15149	1.15149	2.34224	1.46731	0.556851	1
cg18485070	-1.10951	0.466502	1.21196	1.21196	2.34223	2.49676	0.94753	1
cg09783874	-1.41039	0.257938	0.828445	-1.20708	2.34222	0.942876	0.357828	1
cg06575035	6.67808	0.185921	2.9004	2.9004	2.34222	21.3849	8.11573	1
cg18123677	-3.56356	0.392155	0.697995	-1.43267	2.34221	6.23946	2.36793	1
cg13677424	-1.1167	0.618355	0.898376	-1.11312	2.34217	1.68893	0.640973	1
cg10063047	-1.04647	0.966638	1.00768	1.00768	2.34209	1.24012	0.470659	1
cg00163037	-1.12592	0.0466698	1.31166	1.31166	2.34208	0.526169	0.199697	1
cg16944977	-2.62658	0.175532	0.549093	-1.82119	2.34202	6.42429	2.43827	1
cg08134518	1.31677	0.0704415	1.63756	1.63756	2.34199	2.207	0.837654	1
cg22250145	-1.28259	0.452036	0.763506	-1.30975	2.34198	4.60065	1.74616	1
cg26472089	-1.03884	0.0206717	0.375319	-2.6644	2.34194	4.58761	1.74124	1
cg03963011	1.27635	0.251338	1.78238	1.78238	2.34193	8.62564	3.27389	1
cg11076555	-1.09275	0.873222	1.04472	1.04472	2.34189	2.78417	1.05676	1
cg26006473	1.44914	0.815462	1.03595	1.03595	2.34188	0.846475	0.321289	1
cg13285698	-1.4721	0.129216	0.430771	-2.32142	2.34188	9.78806	3.71518	1
cg10780318	-2.37864	0.36389	0.639635	-1.56339	2.34187	8.50657	3.22878	1
cg26958486	1.49765	0.145372	1.36209	1.36209	2.34186	1.44882	0.549923	1
cg10996148	-5.40496	0.967323	0.97235	-1.02844	2.34185	17.376	6.59535	1
cg23401212	-1.15913	0.479151	0.731834	-1.36643	2.34185	6.98464	2.65113	1
cg03326128	2.13159	0.780906	0.888025	-1.12609	2.34179	6.72798	2.55378	1
cg03938800	1.12974	0.0369313	1.66361	1.66361	2.34179	1.63628	0.621092	1
cg13344855	-2.81081	0.163899	0.384258	-2.60242	2.34179	15.3747	5.83588	1
cg11575922	-1.59124	0.636339	0.910167	-1.0987	2.34179	1.44857	0.549846	1
cg03181214	-1.15435	0.755608	0.797943	-1.25322	2.34177	19.3839	7.35772	1
cg06072036	3.09936	0.753974	0.847796	-1.17953	2.34176	10.2296	3.88296	1
cg04202338	-1.62034	0.995223	0.998702	-1.0013	2.34173	1.74521	0.66246	1
cg06386634	1.17058	0.1239	0.426556	-2.34436	2.34172	9.69655	3.6807	1
cg23163136	1.53751	0.880351	1.03925	1.03925	2.34171	2.42343	0.919912	1
cg24787102	1.52838	0.109319	1.78904	1.78904	2.3417	4.11634	1.56253	1
cg01750507	1.32191	0.672721	0.898804	-1.11259	2.34169	2.33855	0.887695	1
cg04910662	1.80386	0.133447	0.503806	-1.98489	2.34169	6.6523	2.52516	1
cg05889123	1.61489	0.84811	0.966618	-1.03453	2.34169	1.16275	0.441371	1
cg04291097	1.09381	0.0530009	0.430881	-2.32083	2.34167	5.43708	2.06389	1
cg23540210	-1.83075	0.301494	0.495952	-2.01632	2.34166	15.9155	6.04149	1
cg10262357	1.21776	0.077818	1.22207	1.22207	2.34164	0.388343	0.147415	1
cg07981355	-1.10718	0.504689	0.872935	-1.14556	2.34164	1.49446	0.567299	1
cg08032483	1.13556	0.138496	0.713428	-1.40168	2.34162	1.66256	0.631114	1
cg27138059	-1.14425	0.771116	1.076	1.076	2.34159	2.33861	0.887756	1
cg03646740	-1.21767	0.313054	0.782642	-1.27772	2.34157	2.04576	0.776594	1
cg22483030	-1.40559	0.0252013	0.214193	-4.6687	2.34156	12.4271	4.71751	1
cg12651712	-6.89165	0.030897	0.15798	-6.32991	2.34153	19.6594	7.46307	1
cg25299319	-1.01964	0.344973	0.72589	-1.37762	2.3415	4.02256	1.52706	1
cg26197915	-1.63806	0.190756	0.435508	-2.29617	2.3415	13.35	5.06797	1
cg08670465	-1.08721	0.152904	0.391733	-2.55276	2.34147	13.8994	5.2766	1
cg04898316	1.07694	0.0462324	0.588359	-1.69964	2.34147	2.0005	0.759446	1
cg18585314	1.15245	0.460198	0.728227	-1.3732	2.34146	6.59715	2.50448	1
cg15555463	1.43325	0.0305997	0.44099	-2.26762	2.34145	3.85165	1.46221	1
cg12592635	-1.05558	0.879705	1.02507	1.02507	2.34145	0.991609	0.376447	1
cg15881486	2.34759	0.35494	1.50388	1.50388	2.34144	6.81819	2.58841	1
cg15558299	-1.37677	0.0135303	0.481062	-2.07874	2.34144	2.12576	0.80701	1
cg23209926	-1.10496	0.333546	0.816592	-1.2246	2.34144	1.53025	0.580934	1
cg03334213	-1.07418	0.793026	0.923937	-1.08232	2.34141	3.35637	1.27421	1
cg07009835	1.51059	0.861107	1.13842	1.13842	2.47623	21.0328	6.60635	1
cg08812937	-2.55546	0.261296	0.514323	-1.9443	2.34136	11.9453	4.53499	1
cg04670922	-1.28118	0.13822	0.467016	-2.14126	2.34135	8.4382	3.20354	1
cg15187882	1.59741	0.0924845	1.59768	1.59768	2.34134	2.37462	0.901524	1
cg06942685	1.04378	0.168981	1.22699	1.22699	2.34132	0.722525	0.274308	1
cg03507262	1.24245	0.0457176	2.4942	2.4942	2.34129	5.90325	2.24122	1
cg19223824	-3.4719	0.294924	0.517324	-1.93303	2.34124	13.6514	5.18299	1
cg03520085	-1.0146	0.0296916	0.0865673	-11.5517	2.3636	30.416	12.8685	1
cg19207364	1.00662	0.331902	1.17652	1.17652	2.34118	0.977846	0.371265	1
cg17448137	1.15003	0.552011	1.15174	1.15174	2.34117	2.04407	0.776088	1
cg04431596	1.08706	0.941082	0.987097	-1.01307	2.34116	1.14454	0.434558	1
cg10498900	2.15787	0.268241	1.99172	1.99172	2.34115	13.2363	5.02555	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02465761	DEFB1;DEFB1	0.12257	0.0207784	0.123563	-8.09301	0.574566	1.53127	1.53127	0.219701	0.379239	-2.63686	0.229109	0.387448	-2.58099	0.0269455	0.139694	-7.15848	0.174387	0.337749	-2.96078	0.170321	0.333835	-2.99549	0.06774	0.214948	-4.65229	0.267443	0.419819	-2.38198	2.34115	20.9281	7.94598	1
cg16231355	GPR34;CASK;CASK;GPR34;GPR34;GPR34;CASK	0.12257	0.0873081	0.455807	-2.19391	0.944289	1.02951	1.02951	0.334343	0.660732	-1.51347	0.905966	1.05041	1.05041	0.0145067	0.285518	-3.50241	0.660458	0.83195	-1.202	0.0549815	0.404259	-2.47366	0.282552	1.59162	1.59162	0.165703	0.540482	-1.8502	2.34115	6.42299	2.43869	1
cg16652648	PGAP1;PGAP1	0.12257	0.00393602	0.377733	-2.64737	0.919117	0.974832	-1.02582	0.545915	1.16576	1.16576	0.464951	1.20519	1.20519	0.551618	0.859716	-1.16317	0.754958	0.924435	-1.08174	0.974873	1.00794	1.00794	0.832774	1.0545	1.0545	0.234173	1.3675	1.3675	2.34114	2.33524	0.886649	1
cg19000186	CNGA1;CNGA1	0.122571	0.692198	1.19222	1.19222	0.167465	0.521962	-1.91585	0.0550565	0.382451	-2.61471	0.939422	1.03415	1.03415	0.00614847	0.206093	-4.85217	0.206397	0.554947	-1.80198	0.2431	0.582912	-1.71553	0.51781	0.748475	-1.33605	0.366406	0.663637	-1.50685	2.34114	7.23925	2.74862	1
cg10970328	GPR162;GPR162	0.122572	0.601956	1.14404	1.14404	0.506465	0.841673	-1.18811	0.151868	1.48078	1.48078	0.282412	1.33059	1.33059	0.520817	0.846685	-1.18108	0.120601	0.650189	-1.53802	0.350784	0.782257	-1.27835	0.0728359	0.599475	-1.66813	0.0447641	1.80235	1.80235	2.34113	2.42446	0.920527	1
cg17601710	FKBP10;SC65	0.122574	0.961176	0.993387	-1.00666	0.433428	0.896772	-1.11511	0.865919	0.977229	-1.0233	0.156234	0.813231	-1.22966	0.673887	0.943942	-1.05939	0.54736	0.920355	-1.08654	0.00244208	0.562815	-1.77678	0.528071	0.916556	-1.09104	0.317286	0.868571	-1.15132	2.34111	0.688848	0.261547	1
cg09953520	EBF2	0.122575	0.12216	2.12557	2.12557	0.865562	1.07925	1.07925	0.119313	0.467287	-2.14001	0.0843882	0.423482	-2.36137	0.452268	0.708462	-1.41151	0.569398	1.29538	1.29538	0.0987295	2.25881	2.25881	0.375616	0.664138	-1.50571	0.0899526	2.31918	2.31918	2.3411	7.51113	2.85189	1
cg00333622	GGT7	0.122576	0.0626686	0.370095	-2.70201	0.769125	1.14989	1.14989	0.539445	1.34287	1.34287	0.924094	1.04626	1.04626	0.095136	0.418886	-2.38728	0.202736	0.528293	-1.89289	0.0152522	0.243205	-4.11175	0.1396	0.470319	-2.12622	0.154064	0.484784	-2.06278	2.34109	8.34865	3.1699	1
cg04450037	TXNDC11	0.122576	0.478679	1.27475	1.27475	0.00719527	3.21965	3.21965	0.0224137	2.51426	2.51426	0.518541	1.24682	1.24682	0.533159	0.808369	-1.23706	0.701965	1.13836	1.13836	0.550059	1.22607	1.22607	0.305637	1.42976	1.42976	0.803853	1.08749	1.08749	2.34109	4.21192	1.59923	1
cg05089968	PRR18	0.122577	0.344629	2.54412	2.54412	0.239696	3.2577	3.2577	0.801073	0.784912	-1.27403	0.203212	3.62723	3.62723	0.526851	1.84981	1.84981	0.280496	2.93324	2.93324	0.00893391	24.3021	24.3021	0.0351015	10.5372	10.5372	0.0786002	6.51414	6.51414	2.34109	34.119	12.9547	1
cg19149898	NT5DC1	0.122577	0.475493	0.909628	-1.09935	0.531638	0.920622	-1.08622	0.12582	1.24138	1.24138	0.403169	1.11814	1.11814	0.917788	0.986613	-1.01357	0.97262	0.99553	-1.00449	0.0529991	1.33246	1.33246	0.0187655	1.45022	1.45022	0.0705789	1.30183	1.30183	2.34109	0.631767	0.239876	1
cg26073865	C1orf113;C1orf113	0.122579	0.0587779	0.658486	-1.51864	0.991789	0.997988	-1.00202	0.229534	0.781311	-1.2799	0.675626	0.920931	-1.08586	0.0114323	0.538208	-1.85802	0.681147	0.922314	-1.08423	0.347797	1.2083	1.2083	0.168853	0.750553	-1.33235	0.0882676	0.692013	-1.44506	2.34107	1.42048	0.539348	1
cg21486913	ZNF529;ZNF529;ZNF529	0.12258	0.46744	1.22977	1.22977	0.0828086	0.584307	-1.71143	0.082455	0.583869	-1.71271	0.41774	1.26067	1.26067	0.122937	0.626566	-1.596	0.0965305	0.60026	-1.66595	0.220572	1.4337	1.4337	0.248284	0.713474	-1.40159	0.110714	0.61499	-1.62604	2.34106	2.90119	1.10157	1
cg21594043	SLCO3A1;SLCO3A1	0.12258	0.530911	0.740431	-1.35057	0.00633803	5.38	5.38	0.216841	1.85008	1.85008	0.739954	1.17082	1.17082	0.541948	0.746551	-1.33949	0.960626	0.976897	-1.02365	0.243633	0.561247	-1.78175	0.666438	1.22791	1.22791	0.17668	1.97382	1.97382	2.34106	8.31116	3.15571	1
cg03353445	GPRC5A	0.122581	0.380995	1.41529	1.41529	0.0330305	2.62098	2.62098	0.706375	1.15753	1.15753	0.0256194	2.78686	2.78686	0.364363	0.697469	-1.43376	0.078419	2.12904	2.12904	0.0741063	2.15832	2.15832	0.204992	1.67686	1.67686	0.570815	1.24786	1.24786	2.34105	5.53973	2.10341	1
cg09900085	CLPP	0.122582	0.501225	1.1013	1.1013	0.605693	0.929037	-1.07638	0.138964	1.25247	1.25247	0.521974	0.912349	-1.09607	0.0363783	0.709035	-1.41037	0.845396	0.972783	-1.02798	0.0640207	1.34207	1.34207	0.614742	1.07437	1.07437	0.0855672	0.764439	-1.30815	2.34105	0.740765	0.281267	1
cg06839483	KIAA1161	0.122585	0.360873	1.33657	1.33657	0.0258539	2.26408	2.26408	0.0154002	2.50512	2.50512	0.790919	0.921212	-1.08553	0.256033	1.44223	1.44223	0.404708	1.30124	1.30124	0.0331419	2.15815	2.15815	0.506171	1.23162	1.23162	0.474727	1.25172	1.25172	2.34101	3.53672	1.3429	1
cg24990978	CHD7	0.122586	0.207214	1.31716	1.31716	0.0859995	1.48133	1.48133	0.911467	1.0233	1.0233	0.141352	1.38762	1.38762	0.772649	0.941766	-1.06183	0.0368201	0.605146	-1.65249	0.517693	0.872983	-1.1455	0.984275	0.995926	-1.00409	0.066056	1.53276	1.53276	2.34101	1.59045	0.603901	1
cg06746453	MIR487A	0.122586	0.702387	1.1162	1.1162	0.223591	1.44214	1.44214	0.964025	0.987168	-1.013	0.543217	1.19268	1.19268	0.00760443	0.374248	-2.67202	0.874373	1.04635	1.04635	0.22481	0.694147	-1.44062	0.87672	1.04545	1.04545	0.109681	0.606932	-1.64763	2.34101	3.03985	1.15424	1
cg24149455	GPC6	0.122586	0.588211	0.836339	-1.19569	0.0313812	0.43805	-2.28285	0.0473417	0.476247	-2.09975	0.659888	0.865208	-1.15579	0.447753	0.776498	-1.28783	0.294531	1.42681	1.42681	0.0679627	1.95102	1.95102	0.519567	0.807799	-1.23793	0.389755	0.749652	-1.33395	2.34101	3.96305	1.50479	1
cg12298155	RHOG	0.122587	0.500176	1.11952	1.11952	0.136193	0.767292	-1.30328	0.709808	1.06361	1.06361	0.792967	1.04435	1.04435	0.0523625	1.43907	1.43907	0.229032	1.23152	1.23152	0.0383927	1.48557	1.48557	0.241459	0.816867	-1.22419	0.257349	0.822824	-1.21533	2.341	1.00908	0.383153	1
cg05742721	ZFP91;ZFP91-CNTF	0.122588	0.101981	0.549366	-1.82028	0.162981	1.64599	1.64599	0.980708	1.00812	1.00812	0.30016	0.698169	-1.43232	0.0520341	0.477279	-2.09521	0.410154	0.75438	-1.32559	0.192291	0.630129	-1.58698	0.063644	2.00927	2.00927	0.507559	0.79854	-1.25229	2.34099	4.15191	1.57651	1
cg11032776	HIPK3;HIPK3	0.122588	0.306768	2.04861	2.04861	0.208013	2.45905	2.45905	0.485681	1.61636	1.61636	0.347023	0.518751	-1.92771	0.34598	1.93061	1.93061	0.382521	1.83493	1.83493	0.00886506	0.104577	-9.56231	0.538355	0.655558	-1.52542	0.60198	0.700003	-1.42856	2.34099	17.0333	6.46765	1
cg09870200	C20orf26;C20orf26	0.122596	0.110676	2.28469	2.28469	0.0881368	0.408806	-2.44615	0.0712675	0.383785	-2.60563	0.887878	1.06936	1.06936	0.39036	0.658109	-1.51951	0.188897	1.93799	1.93799	0.351238	1.57783	1.57783	0.127557	2.18851	2.18851	0.315205	1.63831	1.63831	2.34092	8.3773	3.181	1
cg07869461	MSL3;MSL3;MSL3;MSL3	0.122597	0.116293	0.418332	-2.39045	0.0102367	0.191506	-5.22177	0.970719	0.981432	-1.01892	0.562683	1.3483	1.3483	0.54365	0.730608	-1.36872	0.0479828	0.315268	-3.17191	0.686085	1.23057	1.23057	0.857494	0.912305	-1.09612	0.453278	1.47715	1.47715	2.34091	9.66676	3.67066	1
cg02108176	USP48;USP48;USP48;USP48	0.122597	0.222978	0.907603	-1.1018	0.160791	1.1201	1.1201	0.139942	1.12776	1.12776	0.153781	0.890819	-1.12256	0.249736	1.09535	1.09535	0.301857	1.08435	1.08435	0.564604	1.04507	1.04507	0.656106	0.966638	-1.03451	0.021745	1.23189	1.23189	2.34091	0.212511	0.0806944	1
cg03079733	RIPK4	0.122597	0.111361	2.46711	2.46711	0.024315	4.04616	4.04616	0.962892	0.976065	-1.02452	0.4313	1.51929	1.51929	0.0448989	3.31556	3.31556	0.0562776	3.08203	3.08203	0.168313	2.14784	2.14784	0.0467386	3.27279	3.27279	0.243106	1.88897	1.88897	2.34091	10.0527	3.8172	1
cg25352980	TP73;TP73;TP73;TP73	0.122598	0.379029	0.834597	-1.19818	0.137156	1.37818	1.37818	0.05073	1.56201	1.56201	0.3368	1.21945	1.21945	0.334764	0.81931	-1.22054	0.0458343	1.58186	1.58186	0.0483223	1.57149	1.57149	0.762558	1.06259	1.06259	0.71693	0.92965	-1.07567	2.34091	1.48807	0.56505	1
cg14531072	ZBBX	0.122599	0.117282	0.714646	-1.39929	0.434528	0.85431	-1.17053	0.01981	0.57374	-1.74295	0.638361	0.910753	-1.09799	0.102935	0.70306	-1.42235	0.109734	0.708705	-1.41102	0.704695	1.07809	1.07809	0.144636	1.36262	1.36262	0.762867	1.06158	1.06158	2.3409	1.4458	0.549	1
cg04274844	TRIM26	0.122599	0.00916638	0.617241	-1.62011	0.330672	0.863852	-1.15761	0.44444	0.892551	-1.12038	0.207632	0.823875	-1.21378	0.481321	0.900898	-1.11	0.225607	0.830649	-1.20388	0.0144231	0.64426	-1.55217	0.790058	0.961841	-1.03967	0.258812	0.842163	-1.18742	2.34089	0.788187	0.299292	1
cg06573047	UNKL	0.122601	0.0421797	1.86109	1.86109	0.983089	0.994391	-1.00564	0.818345	1.06295	1.06295	0.112139	1.58258	1.58258	0.83112	0.9449	-1.05831	0.602644	1.14957	1.14957	0.0115469	2.31225	2.31225	0.0561302	1.77549	1.77549	0.384096	1.26723	1.26723	2.34087	2.61095	0.991442	1
cg00701809	SBNO2	0.122601	0.0272596	0.684542	-1.46083	0.513506	0.908352	-1.10089	0.813469	1.03488	1.03488	0.314449	1.16289	1.16289	0.460338	1.11521	1.11521	0.0391869	1.41366	1.41366	0.106771	1.29104	1.29104	0.719546	1.0537	1.0537	0.574594	0.921024	-1.08575	2.34087	0.780183	0.296255	1
cg24146586	PRPSAP1	0.122602	0.0544874	0.693702	-1.44154	0.521156	1.11517	1.11517	0.6214	0.919939	-1.08703	0.0541298	0.693227	-1.44253	0.0560526	0.695751	-1.4373	0.0731682	0.715363	-1.39789	0.101817	0.740657	-1.35015	0.0756808	0.717895	-1.39296	0.99633	1.00077	1.00077	2.34087	1.04175	0.39558	1
cg22927247	CA3	0.122606	0.531179	0.713951	-1.40066	0.259901	1.86686	1.86686	0.334715	0.589514	-1.69631	0.476818	0.680962	-1.46851	0.341702	0.59428	-1.68271	0.496406	0.69293	-1.44315	0.856012	0.908026	-1.10129	0.620622	1.30347	1.30347	0.0060449	6.71794	6.71794	2.34084	10.4605	3.97219	1
cg15161785	ADI1	0.122608	0.758772	0.957961	-1.04388	0.735471	1.04842	1.04842	0.062802	1.33895	1.33895	0.32787	1.15121	1.15121	0.736799	1.04816	1.04816	0.782334	0.962121	-1.03937	0.232232	0.839724	-1.19087	0.0472529	1.37235	1.37235	0.0190965	1.48513	1.48513	2.34081	0.720725	0.273685	1
cg20528338	OSBPL1A	0.122608	0.22027	0.525782	-1.90193	0.85086	0.910385	-1.09844	0.808958	0.886194	-1.12842	0.326603	0.6034	-1.65727	0.116595	0.427209	-2.34077	0.208594	0.516222	-1.93715	0.0155061	0.227422	-4.39712	0.0122282	0.210762	-4.74468	0.344319	0.615156	-1.6256	2.34081	9.22398	3.50267	1
cg25771140	CD55;CD55	0.122609	0.867654	0.940615	-1.06313	0.0092138	3.36518	3.36518	0.749323	0.88898	-1.12488	0.736705	0.883494	-1.13187	0.135993	0.55447	-1.80352	0.627835	0.835836	-1.19641	0.157759	0.574385	-1.74099	0.283476	0.664282	-1.50539	0.368838	0.712619	-1.40328	2.34081	4.99554	1.89699	1
cg12218991	SH3D19;SH3D19;SH3D19	0.122614	0.0490705	0.374858	-2.66768	0.113878	0.471802	-2.11953	0.411298	1.44327	1.44327	0.33507	0.647815	-1.54365	0.17155	0.529565	-1.88834	0.018956	0.289133	-3.45862	0.214249	0.564926	-1.77014	0.611072	1.25105	1.25105	0.150971	0.510609	-1.95844	2.34077	7.07096	2.68515	1
cg13036702	SFRS2B	0.122614	0.0480156	0.258647	-3.86627	0.348081	1.78248	1.78248	0.912462	1.06801	1.06801	0.718044	0.804974	-1.24228	0.0165986	0.173706	-5.75685	0.99435	1.00425	1.00425	0.271661	0.50427	-1.98306	0.4567	0.635391	-1.57383	0.0437296	0.249817	-4.00293	2.34076	13.2707	5.03946	1
cg03026689	SLC17A5	0.122615	0.747461	1.12103	1.12103	0.95053	1.02218	1.02218	0.125346	1.79792	1.79792	0.734907	0.886756	-1.12771	0.0217579	0.377579	-2.64845	0.7102	0.876346	-1.1411	0.192921	1.62787	1.62787	0.0625436	2.09848	2.09848	0.256901	1.51961	1.51961	2.34075	4.63612	1.76054	1
cg12156885	LHX1;LHX1	0.122615	0.500754	0.717125	-1.39446	0.692495	1.21336	1.21336	0.0771051	2.60205	2.60205	0.250071	0.557219	-1.79463	0.150032	0.472002	-2.11863	0.381305	0.646043	-1.54788	0.0126853	0.221528	-4.51409	0.644004	1.25408	1.25408	0.931135	1.04295	1.04295	2.34075	8.77557	3.33248	1
cg11600721	ANKRA2;UTP15;ANKRA2	0.122616	0.158328	0.804578	-1.24289	0.0451197	1.39298	1.39298	0.251925	1.18835	1.18835	0.122253	0.785466	-1.27313	0.351978	0.871011	-1.14809	0.469158	1.11202	1.11202	0.563351	0.919216	-1.08788	0.0611398	0.737687	-1.35559	0.796631	1.03794	1.03794	2.34075	0.770652	0.292651	1
cg07104818	WARS2;WARS2	0.122618	0.932654	0.972369	-1.02842	0.8279	1.07485	1.07485	0.0150015	2.69474	2.69474	0.137163	1.70027	1.70027	0.36245	0.733212	-1.36386	0.543465	0.815559	-1.22615	0.0628826	0.499697	-2.00121	0.480692	0.788484	-1.26826	0.71479	1.12938	1.12938	2.34073	4.07445	1.54727	1
cg07377396	DNAH11	0.122619	0.0306932	0.525011	-1.90472	0.95582	1.01416	1.01416	0.445932	0.82102	-1.218	0.862904	0.957079	-1.04485	0.718373	0.912175	-1.09628	0.079684	1.63833	1.63833	0.0790889	1.64028	1.64028	0.126643	1.52103	1.52103	0.430155	1.22679	1.22679	2.34072	2.38839	0.906989	1
cg24725841	CBX4	0.12262	0.785207	1.06298	1.06298	0.249768	1.30854	1.30854	0.788562	0.941676	-1.06194	0.732366	0.926126	-1.07977	0.684608	1.0956	1.0956	0.261618	1.29916	1.29916	0.041663	0.591547	-1.69048	0.0938934	0.662441	-1.50957	0.0394227	1.70351	1.70351	2.34071	1.85295	0.70366	1
cg15616083	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.122621	0.274733	1.27678	1.27678	0.211519	1.32712	1.32712	0.530371	1.14644	1.14644	0.594449	1.12248	1.12248	0.0228674	0.55685	-1.79582	0.593946	1.12266	1.12266	0.900019	1.02739	1.02739	0.0309951	0.580127	-1.72376	0.849499	0.959977	-1.04169	2.34071	1.71387	0.650844	1
cg22933646	EEF1G	0.122621	0.366993	0.559033	-1.7888	0.121505	2.86754	2.86754	0.548689	1.46347	1.46347	0.528661	0.669946	-1.49266	0.276694	0.491653	-2.03396	0.492826	0.645921	-1.54818	0.0257946	0.189909	-5.26569	0.0261808	0.191022	-5.23501	0.843877	0.883618	-1.13171	2.3407	14.5981	5.54368	1
cg13611934	RPP21	0.122623	0.739869	1.11194	1.11194	0.0357437	2.17746	2.17746	0.298478	1.40943	1.40943	0.105573	1.75599	1.75599	0.285725	1.42344	1.42344	0.419541	1.30036	1.30036	0.0292271	0.441261	-2.26623	0.602861	1.18194	1.18194	0.328226	1.37901	1.37901	2.34069	3.75933	1.42763	1
cg12062310	DHX16;DHX16	0.122623	0.568247	0.819464	-1.22031	0.12063	0.559269	-1.78805	0.110748	0.548869	-1.82193	0.25327	0.662391	-1.50968	0.00603153	0.289839	-3.45019	0.508985	0.793518	-1.26021	0.718708	1.133	1.133	0.177894	0.610037	-1.63924	0.610768	1.19387	1.19387	2.34068	4.4179	1.67773	1
cg05787035	LGR6;LGR6	0.122624	0.132128	0.588923	-1.69802	0.635896	0.856089	-1.1681	0.0337814	0.445935	-2.24248	0.841932	0.937019	-1.06721	0.0240086	0.415969	-2.40402	0.518028	1.23801	1.23801	0.0701645	0.517084	-1.93392	0.525817	0.811039	-1.23299	0.0775951	0.527776	-1.89474	2.34068	3.93494	1.49432	1
cg13298963	ACCN1	0.122624	0.219492	1.62416	1.62416	0.24062	1.58635	1.58635	0.285232	0.659083	-1.51726	0.619932	1.20657	1.20657	0.748262	1.12856	1.12856	0.0227856	2.78312	2.78312	0.292824	0.663714	-1.50667	0.0267633	2.67954	2.67954	0.820621	1.08905	1.08905	2.34068	5.22992	1.9861	1
cg13045540	MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2;MCFD2	0.122628	0.349302	0.817337	-1.22349	0.183416	1.34378	1.34378	0.0759895	1.51193	1.51193	0.518522	1.14686	1.14686	0.408742	1.19349	1.19349	0.217061	0.761936	-1.31245	0.0463465	0.620166	-1.61247	0.877342	0.968184	-1.03286	0.104779	1.44939	1.44939	2.34065	1.62467	0.616989	1
cg21509100	R3HDML	0.122629	0.205127	1.63221	1.63221	0.270382	0.656669	-1.52284	0.757648	1.12011	1.12011	0.979706	0.990722	-1.00937	0.233032	0.632375	-1.58134	0.0792916	0.489721	-2.04198	0.0395156	0.417838	-2.39327	0.078349	2.04758	2.04758	0.679482	1.16446	1.16446	2.34063	4.97876	1.89075	1
cg06598591	GRIP1	0.122629	0.515193	0.866118	-1.15458	0.461978	1.17716	1.17716	0.280577	0.783255	-1.27672	0.0407424	1.67284	1.67284	0.0239674	0.556188	-1.79795	0.63494	0.901065	-1.1098	0.170608	1.37415	1.37415	0.680183	1.09448	1.09448	0.65518	0.906735	-1.10286	2.34063	1.75872	0.667901	1
cg13979581	GCC1	0.122633	0.768915	1.1887	1.1887	0.00856241	7.15596	7.15596	0.267896	1.96828	1.96828	0.82466	1.13905	1.13905	0.624032	1.33624	1.33624	0.757158	1.1996	1.1996	0.113791	0.364394	-2.74429	0.379841	0.589438	-1.69653	0.164104	2.38964	2.38964	2.3406	12.7623	4.84672	1
cg22380385	KIAA1751	0.122634	0.0110819	1.84853	1.84853	0.641948	1.09453	1.09453	0.181034	1.31511	1.31511	0.605591	1.10569	1.10569	0.60874	0.905216	-1.10471	0.0461543	0.64359	-1.55378	0.557281	1.1213	1.1213	0.751748	1.06313	1.06313	0.705879	1.07587	1.07587	2.34059	1.37916	0.523764	1
cg03450733	ARX	0.122634	0.0841533	0.404449	-2.4725	0.0777396	2.53129	2.53129	0.324985	1.61851	1.61851	0.0635612	2.68639	2.68639	0.737305	0.852585	-1.1729	0.664404	1.22973	1.22973	0.0757479	0.392032	-2.55081	0.416719	1.48172	1.48172	0.502656	1.38027	1.38027	2.34059	8.31956	3.15953	1
cg10261325	SVIL;SVIL	0.122637	0.0945988	0.461427	-2.16719	0.29119	0.630609	-1.58577	0.848112	1.08406	1.08406	0.660737	0.830343	-1.20432	0.15236	0.524472	-1.90668	0.122486	0.494348	-2.02287	0.00960133	0.251527	-3.97571	0.0417833	0.372401	-2.68528	0.328548	0.654091	-1.52884	2.34057	6.56873	2.49464	1
cg25464815	HSF1	0.122637	0.167218	0.818012	-1.22248	0.183941	0.825051	-1.21205	0.362939	0.880233	-1.13606	0.241958	1.18186	1.18186	0.673762	0.943869	-1.05947	0.319591	1.15065	1.15065	0.0300013	1.41662	1.41662	0.0921521	0.77653	-1.28778	0.604696	0.931232	-1.07385	2.34056	0.68999	0.262042	1
cg01725531	TNFRSF10A	0.122639	0.0459388	14.9742	14.9742	0.0622394	11.9791	11.9791	0.164497	5.78088	5.78088	0.171161	5.60546	5.60546	0.235134	4.35822	4.35822	0.38173	2.89014	2.89014	0.0478662	14.5289	14.5289	0.0186344	29.1972	29.1972	0.108626	7.92707	7.92707	2.34055	51.8786	19.7024	1
cg00785042	NDRG4;NDRG4;NDRG4	0.12264	0.908618	1.03037	1.03037	0.0303158	1.94152	1.94152	0.0619907	1.72907	1.72907	0.290774	1.33064	1.33064	0.051779	1.7802	1.7802	0.123095	1.54537	1.54537	0.184876	1.44255	1.44255	0.1487	1.49719	1.49719	0.30223	0.756931	-1.32112	2.34054	2.51681	0.955831	1
cg01219000	CXCL5	0.122643	0.768328	0.935492	-1.06896	0.763102	1.07062	1.07062	0.0529831	0.60869	-1.64287	0.556423	0.874333	-1.14373	0.342013	1.24735	1.24735	0.374577	1.22844	1.22844	0.015012	1.9639	1.9639	0.813322	1.05485	1.05485	0.140866	1.42984	1.42984	2.34052	1.88915	0.717468	1
cg21274067	WASH2P	0.122643	0.385918	0.735592	-1.35945	0.384927	0.735097	-1.36036	0.585781	0.826868	-1.20938	0.628765	1.1833	1.1833	0.151644	0.588188	-1.70014	0.0954016	0.531039	-1.8831	0.00444597	0.269516	-3.71035	0.240508	0.654074	-1.52888	0.903965	0.959157	-1.04258	2.34052	4.42429	1.68027	1
cg20851559	ZFAT;ZFAT;ZFAT	0.122644	0.792712	0.966541	-1.03462	0.0180716	1.44926	1.44926	0.353049	0.883841	-1.13143	0.0880546	1.27537	1.27537	0.450235	1.10452	1.10452	0.197271	1.19259	1.19259	0.0331544	1.37962	1.37962	0.99926	0.99988	-1.00012	0.933477	0.98927	-1.01085	2.34051	0.618934	0.235062	1
cg19189115	TNPO3	0.122644	0.417173	0.758155	-1.31899	0.170015	0.613843	-1.62908	0.361419	0.731053	-1.36789	0.711786	0.883455	-1.13192	0.0460465	0.466079	-2.14556	0.623223	0.8476	-1.1798	0.420825	0.759869	-1.31602	0.0153023	2.70261	2.70261	0.862749	0.943859	-1.05948	2.34051	4.13311	1.56969	1
cg08362804	PTP4A1	0.122648	0.694179	0.938321	-1.06573	0.0663597	1.39338	1.39338	0.255648	1.21068	1.21068	0.579437	0.913759	-1.09438	0.341038	1.17124	1.17124	0.712595	0.942134	-1.06142	0.0461493	0.692051	-1.44498	0.112009	1.32154	1.32154	0.0958264	1.34272	1.34272	2.34047	0.962084	0.36539	1
cg08778216	RPL31;TBC1D8	0.122649	0.0951542	0.428672	-2.33279	0.0153213	0.252819	-3.9554	0.260416	0.581431	-1.71989	0.896089	0.941424	-1.06222	0.0198791	0.272903	-3.66431	0.625588	1.25504	1.25504	0.968194	0.981749	-1.01859	0.727759	0.850917	-1.1752	0.233612	0.561648	-1.78047	2.34046	7.91031	3.00427	1
cg17199325	SLC22A17;SLC22A17	0.12265	0.580757	1.16527	1.16527	0.841896	1.05629	1.05629	0.0347522	1.96372	1.96372	0.0448366	1.88027	1.88027	0.992955	0.997582	-1.00242	0.0392062	1.92374	1.92374	0.889711	0.96267	-1.03878	0.251059	0.719764	-1.38934	0.129604	1.56674	1.56674	2.34046	2.78696	1.05847	1
cg17141819	DAPK2	0.122653	0.873766	0.953896	-1.04833	0.0148275	0.410697	-2.43488	0.129944	0.615316	-1.62518	0.63997	0.869487	-1.1501	0.63868	1.15073	1.15073	0.127477	0.613077	-1.63112	0.0277513	0.46195	-2.16474	0.707135	1.11857	1.11857	0.246845	0.698033	-1.4326	2.34043	3.26678	1.24071	1
cg12142354	CMKLR1;CMKLR1;CMKLR1	0.122653	0.273048	0.273376	-3.65796	0.0128016	0.0297399	-33.6248	0.0122199	0.0287424	-34.7918	0.140137	0.16455	-6.07718	0.156002	0.178079	-5.61548	0.541846	0.495562	-2.01791	0.730105	0.674538	-1.4825	0.449333	0.416246	-2.40243	0.382943	0.361601	-2.76548	2.34043	47.9114	18.1966	1
cg20302342	PAQR6;PAQR6	0.122656	0.193593	2.29989	2.29989	0.0430336	4.09451	4.09451	0.23487	2.12519	2.12519	0.135909	2.64575	2.64575	0.773779	1.19064	1.19064	0.57172	1.41341	1.41341	0.282599	1.96601	1.96601	0.00550667	9.10923	9.10923	0.300255	1.9154	1.9154	2.34041	13.5879	5.16072	1
cg02696763	SMG5;TMEM79;TMEM79	0.122661	0.198527	0.494541	-2.02208	?	?	?	0.74882	0.846645	-1.18113	0.528253	1.39252	1.39252	0.669509	0.800519	-1.24919	0.210739	0.504916	-1.98053	0.0869139	2.66366	2.66366	0.0567952	3.05629	3.05629	0.0697669	2.86018	2.86018	2.36274	8.9321	3.78041	1
cg19251280	MTDH	0.122661	0.0125724	0.785822	-1.27255	0.36293	1.07532	1.07532	0.106326	1.14678	1.14678	0.849712	1.01484	1.01484	0.276997	0.915939	-1.09178	0.869301	1.01287	1.01287	0.150215	0.88712	-1.12724	0.410611	0.936745	-1.06753	0.357969	0.929217	-1.07617	2.34036	0.223547	0.0849051	1
cg06682402	NCOA4;NCOA4;NCOA4	0.122668	0.527031	0.933235	-1.07154	0.999412	0.999921	-1.00008	0.994615	1.00073	1.00073	0.815856	0.975163	-1.02547	0.408203	1.09549	1.09549	0.81432	1.02569	1.02569	0.0078381	0.692187	-1.4447	0.0744117	1.239	1.239	0.337172	1.11258	1.11258	2.3403	0.430833	0.163638	1
cg02606840	MGAT4A;MGAT4A	0.122671	0.201169	0.670998	-1.49032	0.304339	1.36945	1.36945	0.837699	0.94118	-1.0625	0.136267	0.622223	-1.60714	0.884663	0.958006	-1.04383	0.809206	1.07411	1.07411	0.0245261	0.453041	-2.20731	0.496848	1.22617	1.22617	0.0263293	0.459037	-2.17848	2.34028	3.23783	1.2298	1
cg06686995	MGAT4B;MGAT4B	0.122672	0.882453	0.941864	-1.06172	0.121905	1.97137	1.97137	0.126111	1.95415	1.95415	0.293357	1.55466	1.55466	0.242214	0.609277	-1.64129	0.0570741	0.418319	-2.39052	0.598872	1.23971	1.23971	0.0528893	2.43674	2.43674	0.338012	1.49157	1.49157	2.34026	6.07387	2.307	1
cg07598034	SLC35B4	0.122674	0.734564	0.923559	-1.08277	0.122294	1.4789	1.4789	0.404551	1.22053	1.22053	0.0261617	0.539831	-1.85243	0.538094	0.864445	-1.15681	0.14755	0.695521	-1.43777	0.127288	0.680234	-1.47008	0.386751	0.812767	-1.23037	0.0833053	0.638924	-1.56513	2.34025	2.02366	0.76864	1
cg07464217	CTSZ	0.122675	0.127654	0.645157	-1.55001	0.884488	1.03944	1.03944	0.0375377	0.52621	-1.90038	0.116709	0.635407	-1.57379	0.481547	1.20966	1.20966	0.277038	1.35093	1.35093	0.0618584	1.74979	1.74979	0.715258	1.10239	1.10239	0.690479	0.898979	-1.11237	2.34024	2.62381	0.996597	1
cg18640327	SYNM;SYNM	0.122675	0.101995	0.358615	-2.7885	0.0604828	0.297352	-3.36301	0.102429	0.359166	-2.78422	0.443279	0.638996	-1.56496	0.00925911	0.150741	-6.63391	0.174021	0.436664	-2.29009	0.296479	0.537831	-1.85932	0.636869	1.31318	1.31318	0.288407	0.531815	-1.88035	2.34024	12.1671	4.62142	1
cg03932201	DOCK1	0.122676	0.729561	1.18668	1.18668	0.0682644	2.73698	2.73698	0.0644211	2.78611	2.78611	0.785981	0.874387	-1.14366	0.319973	0.602398	-1.66003	0.869029	1.08479	1.08479	0.015521	4.32315	4.32315	0.11101	2.35443	2.35443	0.545568	1.35214	1.35214	2.34023	9.01533	3.42429	1
cg02683314	SIRT6;ANKRD24	0.122677	0.561724	0.88452	-1.13056	0.171253	1.35617	1.35617	0.0947835	1.46817	1.46817	0.82565	0.954907	-1.04722	0.266589	0.784989	-1.2739	0.701362	1.08392	1.08392	0.415496	1.19013	1.19013	0.00955022	1.98669	1.98669	0.200088	1.32722	1.32722	2.34022	1.62123	0.615795	1
cg00777926	GJB6;GJB6;GJB6	0.122682	0.571771	1.23042	1.23042	0.848267	0.93285	-1.07198	0.0273883	0.387884	-2.57809	0.110411	0.53189	-1.88009	0.64939	0.84697	-1.18068	0.180131	0.596575	-1.67624	0.784606	0.90536	-1.10453	0.0103237	0.309547	-3.23053	0.626919	0.837146	-1.19454	2.34018	4.88091	1.85396	1
cg10143067	VAX1	0.122683	0.0761876	0.296944	-3.36763	0.778824	0.840906	-1.18919	0.222174	0.454045	-2.20242	0.919504	0.939687	-1.06418	0.13292	0.368711	-2.71215	0.293852	0.511671	-1.95438	0.00839891	0.125948	-7.93977	0.381189	0.575363	-1.73803	0.0407966	0.233816	-4.27687	2.34017	14.0368	5.33172	1
cg18784506	ARL15	0.122683	0.0271507	10.6575	10.6575	0.711238	0.714302	-1.39997	0.285469	2.72859	2.72859	0.216912	3.23999	3.23999	0.408516	0.46538	-2.14878	0.549597	0.578215	-1.72946	0.238407	0.327152	-3.05669	0.0417844	8.35775	8.35775	0.479646	0.521942	-1.91592	2.34017	30.3436	11.5257	1
cg16285698	WHSC2	0.122684	0.264257	0.831939	-1.20201	0.0318152	1.48863	1.48863	0.447661	1.13017	1.13017	0.282435	0.838106	-1.19317	0.875514	1.0251	1.0251	0.855657	0.971618	-1.02921	0.019358	1.56387	1.56387	0.514699	0.900802	-1.11012	0.42779	1.13657	1.13657	2.34016	0.926664	0.351985	1
cg00182294	KLC2;KLC2;KLC2;KLC2;KLC2	0.122685	0.80757	0.952901	-1.04943	0.0871051	0.688318	-1.45282	0.0300939	0.603919	-1.65585	0.439915	0.855792	-1.16851	0.998221	1.00044	1.00044	0.292984	0.805991	-1.24071	0.0223982	0.582219	-1.71757	0.261318	0.793264	-1.26061	0.218196	1.29185	1.29185	2.34016	1.44869	0.550274	1
cg27422638	PGBD4;C15orf24	0.122686	0.742365	0.955528	-1.04654	0.389585	1.12929	1.12929	0.0915345	1.29206	1.29206	0.410173	0.890341	-1.12317	0.126232	0.796007	-1.25627	0.442277	0.897588	-1.1141	0.0154523	0.663815	-1.50644	0.432077	0.895321	-1.11692	0.402584	1.12539	1.12539	2.34015	0.704866	0.267739	1
cg17143291	CACNA1E	0.122686	0.187921	0.458791	-2.17964	0.0918327	2.81897	2.81897	0.524486	0.697576	-1.43354	0.374937	0.601395	-1.6628	0.128338	0.399371	-2.50394	0.408073	0.623437	-1.60401	0.108071	0.375687	-2.66179	0.4664	1.51266	1.51266	0.0254673	0.227031	-4.40468	2.34014	11.556	4.38949	1
cg15773251	TNXB	0.122689	0.0418742	0.139545	-7.16615	0.827987	0.83299	-1.20049	0.932178	0.931017	-1.07409	0.481632	0.548471	-1.82325	0.0793735	0.194887	-5.13117	0.0523857	0.156832	-6.37626	0.0158112	0.0835118	-11.9744	0.160627	0.284075	-3.5202	0.173094	0.296005	-3.37832	2.34012	26.1353	9.92744	1
cg01427957	TNRC4	0.122689	0.029325	0.636179	-1.57188	0.763086	1.05471	1.05471	0.625775	1.09045	1.09045	0.971253	0.993671	-1.00637	0.0129642	0.58081	-1.72173	0.541664	0.896865	-1.11499	0.465467	0.877331	-1.13982	0.0683498	0.697989	-1.43269	0.923659	1.01703	1.01703	2.34012	1.15049	0.437012	1
cg08924203	MX1;MX1	0.12269	0.143718	6.87349	6.87349	0.663623	1.71082	1.71082	?	?	?	0.650019	0.570913	-1.75158	0.0593634	13.6231	13.6231	0.423231	0.366522	-2.72835	0.0145966	40.0705	40.0705	0.797199	0.729067	-1.37162	0.231722	4.6607	4.6607	2.36248	50.0789	21.1976	1
cg23830169	RBM5	0.12269	0.32152	0.819965	-1.21956	0.266724	0.799103	-1.2514	0.919632	1.01975	1.01975	0.0486573	0.646327	-1.5472	0.00854593	0.521903	-1.91607	0.0875704	0.693853	-1.44123	0.158384	0.746592	-1.33942	0.788368	0.949193	-1.05353	0.145734	0.738809	-1.35353	2.34011	1.39211	0.528794	1
cg04153241	ZNF26	0.12269	0.0110156	0.257074	-3.88994	0.101333	0.46574	-2.14712	0.830076	0.912525	-1.09586	0.153227	0.521295	-1.9183	0.119421	0.486874	-2.05392	0.478912	0.735941	-1.35881	0.026914	0.327509	-3.05335	0.361718	0.670762	-1.49084	0.918594	0.95739	-1.04451	2.34011	6.72396	2.5541	1
cg25112438	ANKRD28	0.122692	0.260371	1.31865	1.31865	0.293218	1.29293	1.29293	0.0813364	1.57656	1.57656	0.020067	1.93666	1.93666	0.0503379	0.591179	-1.69153	0.992788	0.997873	-1.00213	0.700052	1.0955	1.0955	0.926703	1.02192	1.02192	0.514667	1.16846	1.16846	2.34009	2.05752	0.781552	1
cg02570981	1-Mar	0.122693	0.186885	0.457535	-2.18562	0.116771	0.385819	-2.59189	0.517242	0.69284	-1.44334	0.486932	1.48403	1.48403	0.05386	0.294248	-3.39849	0.260868	0.519251	-1.92585	0.431071	0.638181	-1.56695	0.0365256	3.88906	3.88906	0.588995	1.35644	1.35644	2.34008	11.5763	4.39728	1
cg01452777	C16orf68	0.122695	0.846354	0.958042	-1.0438	0.230915	0.757546	-1.32005	0.718307	0.923082	-1.08333	0.629202	0.898076	-1.11349	0.38914	1.21531	1.21531	0.544897	0.873378	-1.14498	0.00460202	0.434616	-2.30088	0.749903	0.931777	-1.07322	0.222648	1.32731	1.32731	2.34007	1.8093	0.687273	1
cg25625968	EGFLAM;EGFLAM;EGFLAM;EGFLAM	0.122696	0.115974	0.3573	-2.79877	0.00625336	0.1169	-8.55432	0.0914905	0.326448	-3.06327	0.361669	0.568446	-1.75918	0.678036	0.777641	-1.28594	0.302847	0.525741	-1.90208	0.0460704	0.252326	-3.96312	0.495132	0.658835	-1.51783	0.65402	0.762036	-1.31227	2.34006	13.4493	5.10882	1
cg11929898	TMPRSS7;TMPRSS7	0.122697	0.235148	0.605594	-1.65127	0.139602	0.526886	-1.89794	0.0474683	0.400955	-2.49404	0.556192	1.27115	1.27115	0.0792378	2.19326	2.19326	0.311624	1.5249	1.5249	0.641719	1.2079	1.2079	0.526307	1.29538	1.29538	0.113728	0.49975	-2.001	2.34005	6.02134	2.28726	1
cg11579999	ZNF295;ZNF295;ZNF295	0.122698	0.516106	0.725873	-1.37765	0.644328	0.797556	-1.25383	0.57755	1.31493	1.31493	0.370994	0.639553	-1.56359	0.201342	0.518618	-1.9282	0.807558	0.888035	-1.12608	0.00650194	0.178882	-5.59029	0.0340238	0.300001	-3.33333	0.276392	0.576429	-1.73482	2.34004	8.77488	3.33323	1
cg09839177	LOC285419	0.122698	0.0341275	0.326375	-3.06396	0.0868488	0.424681	-2.35471	0.0637943	0.389203	-2.56935	0.137144	0.484262	-2.065	0.0446669	0.352068	-2.84036	0.0471057	0.35737	-2.79822	0.0806328	0.415827	-2.40485	0.184259	0.528428	-1.8924	0.333078	0.63624	-1.57173	2.34004	7.60123	2.88741	1
cg12096707	PRDM16;PRDM16	0.122699	0.179748	0.586498	-1.70504	0.234034	0.626757	-1.59551	0.340418	1.44474	1.44474	0.806461	0.912176	-1.09628	0.0273687	0.376255	-2.65777	0.236472	1.59128	1.59128	0.117706	1.88941	1.88941	0.502116	1.29059	1.29059	0.242425	1.58114	1.58114	2.34003	5.19759	1.97437	1
cg21821726	BRD1	0.1227	0.145579	2.14758	2.14758	0.0121195	4.6167	4.6167	0.0142912	4.38325	4.38325	0.165514	2.0616	2.0616	0.896537	0.938346	-1.06571	0.365182	1.57635	1.57635	0.441343	1.46819	1.46819	0.599583	1.29579	1.29579	0.458899	1.44613	1.44613	2.34003	8.86703	3.36826	1
cg03476291	LMO2;LMO2;LMO2;LMO2	0.1227	0.37576	1.14255	1.14255	0.835277	0.969936	-1.031	0.884729	1.02149	1.02149	0.80499	1.03693	1.03693	0.159856	1.24629	1.24629	0.0625978	1.35961	1.35961	0.0338031	0.695357	-1.43811	0.505971	1.104	1.104	0.0485435	1.39146	1.39146	2.34002	0.796502	0.302562	1
cg00632130	ZNF630	0.122701	0.356929	1.87755	1.87755	0.0877744	0.285671	-3.50053	0.0412435	0.20897	-4.78538	0.448218	0.598161	-1.67179	0.02218	0.16151	-6.19157	0.264489	0.461495	-2.16687	0.85251	0.883605	-1.13173	0.0916134	0.290823	-3.43851	0.164234	0.372763	-2.68267	2.34002	16.3837	6.22358	1
cg21087108	GPR12	0.122701	0.704808	1.2395	1.2395	0.00560616	7.78038	7.78038	0.0916831	2.85077	2.85077	0.771285	0.848376	-1.17872	0.263673	1.92958	1.92958	0.665255	1.27835	1.27835	0.0540657	3.43309	3.43309	0.540295	1.41868	1.41868	0.41243	1.60438	1.60438	2.34001	11.7939	4.48008	1
cg16888603	TSTA3	0.122704	0.584782	0.714946	-1.39871	0.83362	0.879926	-1.13646	0.0948425	0.327477	-3.05365	0.515668	0.669765	-1.49306	0.00896487	0.132491	-7.54767	0.0467225	0.250377	-3.99397	0.819276	1.14932	1.14932	0.373898	1.74205	1.74205	0.798086	0.855648	-1.1687	2.33999	13.7053	5.2062	1
cg19855366	CARKD	0.122704	0.436267	1.14621	1.14621	0.381994	1.16654	1.16654	0.0693888	1.41766	1.41766	0.237406	1.23696	1.23696	0.527574	1.11624	1.11624	0.0909357	0.72619	-1.37705	0.0625809	0.69764	-1.43341	0.323047	0.839143	-1.19169	0.228235	1.2427	1.2427	2.33999	1.09399	0.415574	1
cg20294752	TSNARE1	0.122707	0.910253	1.02118	1.02118	0.109669	1.38296	1.38296	0.82018	1.04324	1.04324	0.138148	0.743189	-1.34555	0.252182	0.800609	-1.24905	0.19186	0.773479	-1.29286	0.0124649	0.560998	-1.78254	0.727042	1.06732	1.06732	0.360684	0.839707	-1.19089	2.33996	1.28095	0.4866	1
cg04093149	SLC6A9	0.122708	0.0501546	0.309615	-3.22982	0.0518874	0.313062	-3.19425	0.0396515	0.286779	-3.48701	0.415434	0.645962	-1.54808	0.0155018	0.210377	-4.75336	0.323639	0.585623	-1.70758	0.176859	0.470639	-2.12477	0.600912	0.757981	-1.31929	0.205151	0.495676	-2.01745	2.33995	10.215	3.8804	1
cg13718870	BRD3	0.122711	0.440868	0.807989	-1.23764	0.138298	1.54168	1.54168	0.08032	1.69258	1.69258	0.790571	1.07487	1.07487	0.0386273	0.522164	-1.91511	0.899652	0.966357	-1.03481	0.0608098	0.563656	-1.77413	0.460115	1.22631	1.22631	0.755002	0.918592	-1.08862	2.33993	2.72699	1.03592	1
cg16263848	NTN1	0.122713	0.322135	0.470491	-2.12544	0.480939	1.69575	1.69575	0.227821	2.54266	2.54266	0.888923	0.90211	-1.10851	0.0375013	0.168744	-5.92613	0.59367	0.672343	-1.48733	0.0716789	0.22706	-4.40412	0.13665	3.26106	3.26106	0.186218	2.80976	2.80976	2.33991	20.1393	7.65053	1
cg11928962	C8orf80	0.122714	0.615719	0.905002	-1.10497	0.285172	0.803356	-1.24478	0.054927	0.650945	-1.53623	0.85576	1.03654	1.03654	0.0223496	0.582805	-1.71584	0.642278	1.09666	1.09666	0.0560608	0.652576	-1.53239	0.0422031	0.630271	-1.58662	0.46318	0.863047	-1.15869	2.3399	1.44171	0.54768	1
cg02932780	VARS	0.122715	0.112115	0.574359	-1.74107	0.298269	0.707802	-1.41282	0.529167	1.22672	1.22672	0.0576527	1.98983	1.98983	0.0585763	0.504149	-1.98354	0.955583	1.01801	1.01801	0.23381	0.670264	-1.49195	0.382074	0.750261	-1.33287	0.169941	1.59766	1.59766	2.3399	3.80735	1.44635	1
cg00941983	TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1	0.122716	0.028691	0.338272	-2.9562	0.510909	0.755727	-1.32323	0.936243	1.03417	1.03417	0.113809	0.485489	-2.05978	0.120352	0.492801	-2.02922	0.0202159	0.308427	-3.24226	0.418193	1.41547	1.41547	0.930488	0.964019	-1.03732	0.705175	1.1731	1.1731	2.33988	6.53746	2.48349	1
cg04124987	IKBKB	0.122717	0.98281	1.00702	1.00702	0.047855	2.08359	2.08359	0.420415	0.765593	-1.30618	0.362102	0.737882	-1.35523	0.552123	1.21554	1.21554	0.0279804	0.430637	-2.32214	0.0533274	0.490526	-2.03863	0.67798	0.873285	-1.1451	0.914833	0.965882	-1.03532	2.33987	3.90204	1.48234	1
cg01730258	SNX32	0.122721	0.0165989	0.189645	-5.27301	0.126057	0.390363	-2.56172	0.174992	0.440529	-2.27	0.299801	0.542996	-1.84163	0.0360987	0.250273	-3.99564	0.0978828	0.356315	-2.8065	0.0695924	0.315573	-3.16884	0.306529	0.547925	-1.82507	0.0846655	0.338324	-2.95574	2.33984	11.9683	4.54668	1
cg15738605	DGKG;DGKG;DGKG	0.122722	0.500356	0.876393	-1.14104	0.715623	0.931863	-1.07312	0.113652	1.39375	1.39375	0.801766	0.952638	-1.04972	0.864662	0.967632	-1.03345	0.994844	1.00125	1.00125	0.00406912	0.475312	-2.10388	0.841904	0.962214	-1.03927	0.937651	1.0152	1.0152	2.33983	1.37858	0.523712	1
cg22561794	BTNL8;BTNL8;BTNL8;BTNL8;BTNL8;BTNL8	0.122723	0.118118	0.343596	-2.91039	0.844527	1.13158	1.13158	0.0891014	0.307132	-3.25592	0.180634	0.4086	-2.44738	0.0391987	0.222605	-4.49226	?	?	?	0.0512991	0.247299	-4.04369	0.065079	0.271428	-3.68422	0.124513	0.350953	-2.84938	2.36219	13.1819	5.58039	1
cg15553814	DAB1	0.122724	0.12405	0.415815	-2.40492	0.0238256	0.241468	-4.14133	0.032006	0.266144	-3.75736	0.0961878	0.381931	-2.61828	0.0441024	0.295628	-3.38263	0.249551	0.530444	-1.88521	0.0969771	0.382968	-2.61118	0.174978	0.467643	-2.13838	0.327704	0.587246	-1.70286	2.33981	10.2869	3.90798	1
cg08620995	SF3B5;SF3B5	0.122726	0.677276	1.06089	1.06089	0.623037	1.07247	1.07247	0.0492288	1.37301	1.37301	0.0960578	0.772506	-1.29449	0.394015	1.13122	1.13122	0.159762	0.808844	-1.23633	0.156488	0.807304	-1.23869	0.105485	0.77898	-1.28373	0.40484	1.12791	1.12791	2.3398	0.73908	0.280776	1
cg11443786	RTEL1;RTEL1	0.122726	0.423101	0.85516	-1.16937	0.0317395	1.61843	1.61843	0.262696	0.79986	-1.25022	0.275781	0.805084	-1.24211	0.276653	1.24158	1.24158	0.0902338	1.4291	1.4291	0.21561	0.779396	-1.28304	0.272035	0.803606	-1.24439	0.531713	0.885908	-1.12879	2.3398	1.3552	0.514841	1
cg14747225	SNRNP25;POLR3K	0.122727	0.019475	0.538326	-1.85761	0.237533	0.76236	-1.31172	0.397346	1.2093	1.2093	0.609328	1.11966	1.11966	0.747693	1.07334	1.07334	0.603025	0.89132	-1.12193	0.0369094	0.587745	-1.70142	0.241995	1.30804	1.30804	0.345086	0.807961	-1.23768	2.33979	1.78188	0.676938	1
cg08634721	SLC7A1	0.122729	0.372717	0.849476	-1.1772	0.709993	1.06886	1.06886	0.0659121	1.44459	1.44459	0.852028	0.96726	-1.03385	0.917723	1.01859	1.01859	0.539864	1.11699	1.11699	0.163575	1.30349	1.30349	0.017382	0.596722	-1.67582	0.208656	1.26652	1.26652	2.33977	1.17761	0.447379	1
cg17647095	CCDC69	0.122732	0.610889	1.12883	1.12883	0.629682	0.891596	-1.12158	0.111304	0.663883	-1.50629	0.264407	1.31616	1.31616	0.50778	1.17197	1.17197	0.198543	0.725503	-1.37835	0.00966046	0.461446	-2.1671	0.96866	1.00932	1.00932	0.425931	1.21168	1.21168	2.33974	2.06683	0.785207	1
cg07039113	S100A9	0.122734	0.129849	0.335703	-2.97883	0.160818	0.368162	-2.7162	0.166657	0.373937	-2.67425	0.74599	0.805074	-1.24212	0.08312	0.278084	-3.59604	0.197844	0.403346	-2.47926	0.0930973	0.2916	-3.42936	0.00646215	0.0942152	-10.614	0.424708	0.580518	-1.7226	2.33973	16.4899	6.26471	1
cg08654655	CADM3;CADM3	0.122737	0.788155	0.915552	-1.09224	0.181513	0.628361	-1.59144	0.108597	1.77418	1.77418	0.310236	1.41053	1.41053	0.133779	0.58875	-1.69851	0.313924	0.710936	-1.4066	0.0534321	0.487397	-2.05172	0.127699	0.583024	-1.7152	0.269018	1.45806	1.45806	2.33971	3.9766	1.51077	1
cg19809453	ESPN	0.122737	0.0639324	17.2999	17.2999	0.27618	4.7147	4.7147	0.278808	0.214047	-4.67186	0.0768081	14.7925	14.7925	0.542023	0.429556	-2.32798	0.229749	0.178143	-5.61347	0.582761	0.467883	-2.13729	0.447181	2.88815	2.88815	0.043243	24.1241	24.1241	2.3397	69.4479	26.3843	1
cg25707994	DNAJB6;DNAJB6	0.122739	0.809928	1.04665	1.04665	0.124181	1.3703	1.3703	0.0295902	1.62365	1.62365	0.171863	1.31681	1.31681	0.80379	0.953988	-1.04823	0.193846	0.77095	-1.2971	0.0675387	0.678707	-1.47339	0.425263	1.16658	1.16658	0.700489	1.07588	1.07588	2.33969	1.32682	0.504082	1
cg11193416	LOC284661	0.122739	0.126151	0.429698	-2.32722	0.16341	0.468009	-2.13671	0.592551	0.759016	-1.3175	0.22903	0.52501	-1.90473	0.0582259	0.335347	-2.98199	0.189916	0.492295	-2.0313	0.00882801	0.182364	-5.48355	0.0645876	0.346568	-2.88543	0.174521	0.478436	-2.09014	2.33969	9.65493	3.66808	1
cg01022916	MATN1	0.12274	0.0173414	0.297306	-3.36354	0.256131	0.608841	-1.64247	0.390218	0.691735	-1.44564	0.491835	1.33944	1.33944	0.0236724	0.322809	-3.0978	0.361255	0.675124	-1.48121	0.0724592	0.432137	-2.31408	0.192006	0.560954	-1.78268	0.31331	0.646262	-1.54736	2.33967	6.49301	2.46682	1
cg26847193	PEMT	0.122742	0.616395	0.747867	-1.33714	0.839815	1.12332	1.12332	0.051404	3.67075	3.67075	0.30021	1.85914	1.85914	?	?	?	0.416888	1.61321	1.61321	0.264818	1.95794	1.95794	0.0225273	0.198801	-5.03017	0.678043	0.786602	-1.27129	2.49544	11.3502	3.97981	1
cg09048586	TRIM23;C5orf44;TRIM23;TRIM23;C5orf44;C5orf44;C5orf44	0.122747	0.272268	0.792298	-1.26215	0.932366	0.982855	-1.01744	0.303106	0.804671	-1.24274	0.0813711	0.67463	-1.48229	0.852509	0.962791	-1.03865	0.265435	0.789431	-1.26673	0.00915934	0.509515	-1.96265	0.459642	0.857797	-1.16578	0.151512	1.36764	1.36764	2.33962	1.53806	0.584355	1
cg21025171	CHCHD3	0.12275	0.460457	0.642413	-1.55663	0.00676744	0.126557	-7.90157	0.0587859	0.284511	-3.5148	0.752088	1.20517	1.20517	0.7047	0.79914	-1.25135	0.326246	0.550529	-1.81643	0.207907	0.457518	-2.18571	0.210071	0.4594	-2.17675	0.485275	1.51829	1.51829	2.33959	12.8497	4.88204	1
cg17822101	TMEM184A;MAFK	0.122751	0.254669	1.21691	1.21691	0.699743	1.06606	1.06606	0.784184	0.955698	-1.04636	0.546265	1.10604	1.10604	0.979254	1.0043	1.0043	0.00464453	0.537156	-1.86166	0.302636	1.19274	1.19274	0.584328	1.09548	1.09548	0.664382	0.93048	-1.07471	2.33958	1.00953	0.383554	1
cg23849826	THBS1	0.122751	0.0366692	2.53362	2.53362	0.302	1.50602	1.50602	0.380206	1.41156	1.41156	0.0158311	3.10143	3.10143	0.207219	1.66417	1.66417	0.881931	0.944678	-1.05856	0.688909	0.857184	-1.16661	0.685154	0.855484	-1.16893	0.0605179	2.24895	2.24895	2.33958	5.43349	2.06437	1
cg24602552	LRRN2;LRRN2	0.122752	0.959128	1.01897	1.01897	0.831241	1.08138	1.08138	0.278208	1.51192	1.51192	0.871887	1.06095	1.06095	0.0644064	0.466859	-2.14198	0.392343	0.725229	-1.37887	0.0128988	3.10115	3.10115	0.198678	1.64537	1.64537	0.361996	1.40989	1.40989	2.33958	4.98027	1.89218	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18983607	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.122757	0.11368	0.526255	-1.90022	0.0156301	0.331043	-3.02076	0.236212	0.629421	-1.58876	0.881296	0.945791	-1.05732	0.573767	1.23614	1.23614	0.551021	0.798519	-1.25232	0.748226	0.886814	-1.12763	0.0157657	0.331724	-3.01455	0.363797	0.706027	-1.41638	2.33953	5.15482	1.95854	1
cg26809968	OPN1LW	0.122759	0.35824	1.56417	1.56417	0.076011	0.392606	-2.54708	0.0328991	0.306803	-3.25942	0.517583	0.732972	-1.36431	0.0256292	0.284951	-3.50937	0.471852	1.41416	1.41416	0.467141	1.41958	1.41958	0.892947	0.938233	-1.06583	0.740259	0.854248	-1.17062	2.33951	8.30795	3.15658	1
cg15520845	NUCKS1	0.12276	0.70179	1.27942	1.27942	0.448494	1.64001	1.64001	0.620669	0.726503	-1.37646	0.0683597	3.69489	3.69489	0.273565	2.07455	2.07455	0.0439089	4.40673	4.40673	0.221274	2.27838	2.27838	0.0235237	5.65482	5.65482	0.038416	4.64743	4.64743	2.33951	15.1986	5.77467	1
cg23401251	IFT172	0.12276	0.0965653	0.563357	-1.77507	0.842147	0.939209	-1.06473	0.323674	1.37798	1.37798	0.480653	0.798124	-1.25294	0.0220559	0.421637	-2.37171	0.0783305	0.540565	-1.84992	0.0517883	0.498499	-2.00602	0.542666	1.21389	1.21389	0.752405	0.905248	-1.10467	2.3395	3.6658	1.39281	1
cg19861288	IGFBP7	0.12276	0.269282	0.610721	-1.63741	0.236081	1.70262	1.70262	0.963859	0.980766	-1.01961	0.45786	0.72323	-1.38269	0.0326914	0.342595	-2.9189	0.365194	0.671129	-1.49003	0.159582	0.525085	-1.90445	0.0714355	2.37003	2.37003	0.145963	0.512199	-1.95237	2.3395	6.80711	2.58635	1
cg08737189	PODXL;PODXL	0.122761	0.391506	0.587935	-1.70087	0.0168949	5.83069	5.83069	0.0889603	3.11099	3.11099	0.962932	1.02852	1.02852	0.620854	0.739595	-1.35209	0.247	2.07994	2.07994	0.142367	2.59632	2.59632	0.365566	0.569824	-1.75493	0.33476	0.547812	-1.82544	2.3395	13.5616	5.1527	1
cg08976687	TCF7L1	0.122761	0.683143	1.08957	1.08957	0.920187	0.979269	-1.02117	0.310432	0.803022	-1.2453	0.715091	1.07964	1.07964	0.00849489	0.495525	-2.01806	0.187975	0.747052	-1.33859	0.666251	1.09494	1.09494	0.740963	0.933008	-1.0718	0.0359407	0.600467	-1.66537	2.3395	1.61879	0.615057	1
cg15221604	ROBO3	0.122762	0.063513	45.9001	45.9001	0.0767761	36.9537	36.9537	0.151119	16.8009	16.8009	0.273447	0.123662	-8.08657	0.0540337	55.1863	55.1863	0.394896	4.94346	4.94346	0.816823	0.653424	-1.5304	0.219741	10.6618	10.6618	0.0467311	65.1089	65.1089	2.33949	124.625	47.3514	1
cg27028281	ANK2;ANK2;ANK2	0.122763	0.0557159	0.200036	-4.9991	0.489208	0.593621	-1.68458	0.295592	2.23703	2.23703	0.0898854	0.249631	-4.0059	0.0780265	0.233734	-4.27836	0.0760686	0.230996	-4.32909	0.0375345	0.166728	-5.99779	0.664598	0.723372	-1.38241	0.183537	0.350831	-2.85038	2.33948	20.4177	7.75777	1
cg02951062	ALB	0.122766	0.017752	0.14456	-6.91753	0.1001	0.298576	-3.34923	0.298364	0.485206	-2.06098	0.0889971	0.284116	-3.51969	0.0153603	0.135893	-7.35875	0.994969	0.995779	-1.00424	0.725468	0.789365	-1.26684	0.344223	0.520152	-1.92252	0.612659	0.709986	-1.40848	2.33946	16.6761	6.33619	1
cg24351262	NFATC2;NFATC2;NFATC2	0.122769	0.141475	0.336635	-2.97058	0.00813587	0.0970251	-10.3066	0.920633	1.07104	1.07104	0.914234	1.07701	1.07701	?	?	?	0.12307	0.316519	-3.15937	0.246037	0.433696	-2.30576	0.0978644	0.286368	-3.49201	0.631218	0.716745	-1.3952	2.36178	15.766	6.67547	1
cg11935055	HDGF2;HDGF2	0.122772	0.0458617	0.634165	-1.57688	0.994798	1.0013	1.0013	0.0544588	0.647773	-1.54375	0.197405	0.762503	-1.31147	0.0347313	0.61273	-1.63204	0.0406269	0.624736	-1.60068	0.725652	1.07263	1.07263	0.860712	1.03557	1.03557	0.322147	0.815849	-1.22572	2.3394	1.46721	0.557487	1
cg07243576	CBFA2T3;CBFA2T3	0.122773	0.599082	1.25082	1.25082	0.028718	2.96966	2.96966	0.145509	1.93353	1.93353	0.811343	1.10614	1.10614	0.65486	1.20903	1.20903	0.492159	0.74505	-1.34219	0.66085	1.20473	1.20473	0.525363	1.31193	1.31193	0.0218895	0.313392	-3.1909	2.3394	6.59399	2.50549	1
cg18078696	PAFAH1B2	0.122773	?	?	?	0.723594	1.15458	1.15458	0.176149	0.555813	-1.79917	0.552191	0.783703	-1.27599	0.99163	0.995766	-1.00425	0.313829	1.52742	1.52742	0.00669249	0.226645	-4.41218	0.585359	1.25007	1.25007	0.890493	0.945792	-1.05732	2.49513	5.62747	1.97346	1
cg12912737	REM1	0.122776	0.60943	1.17526	1.17526	0.480569	0.798733	-1.25198	0.74678	0.903447	-1.10687	0.754256	1.10342	1.10342	0.0657208	0.523483	-1.91028	0.00642161	0.329184	-3.03782	0.720459	1.11921	1.11921	0.503047	1.2374	1.2374	0.551143	1.20804	1.20804	2.33937	3.63941	1.38286	1
cg16149200	GLUD2	0.122776	0.475098	0.670609	-1.49118	0.897098	0.931292	-1.07378	0.907165	1.06628	1.06628	0.164774	0.442497	-2.2599	0.138442	0.415814	-2.40492	0.339521	1.7187	1.7187	0.0123384	0.180128	-5.55161	0.433295	0.644108	-1.55253	0.0371507	0.264183	-3.78525	2.33937	11.2134	4.26077	1
cg16778211	SYNE2;SYNE2	0.122776	0.108618	0.452689	-2.20902	0.0173449	0.269215	-3.71451	0.107883	0.451808	-2.21333	0.819346	1.10916	1.10916	0.0715977	0.402088	-2.48701	0.349889	0.646765	-1.54616	0.386194	0.668786	-1.49525	0.199023	1.84892	1.84892	0.483765	0.724491	-1.38028	2.33937	7.59872	2.88728	1
cg01248445	PPP1R3D;PPP1R3D	0.12278	0.20356	0.529107	-1.88998	0.575736	1.30759	1.30759	0.32997	1.61098	1.61098	0.471177	0.706325	-1.41578	0.220693	0.542964	-1.84174	0.753376	0.861134	-1.16126	0.0216066	0.270228	-3.70057	0.0716859	2.5958	2.5958	0.218188	0.540975	-1.84851	2.33933	8.33585	3.16742	1
cg02275620	PRPF38A;ORC1L	0.12278	0.804488	1.03594	1.03594	0.0362402	1.41429	1.41429	0.115016	0.783526	-1.27628	0.178772	0.816002	-1.22549	0.177484	1.22632	1.22632	0.855902	0.974456	-1.02621	0.33336	0.867583	-1.15263	0.147851	0.801705	-1.24734	0.194493	0.822524	-1.21577	2.33933	0.750778	0.285278	1
cg18221021	DLG2;DLG2	0.122783	0.0956339	0.698821	-1.43098	0.644558	0.913067	-1.09521	0.0356826	1.61382	1.61382	0.244506	1.26916	1.26916	0.195858	0.765072	-1.30707	0.465411	0.864643	-1.15655	0.0548134	0.65286	-1.53172	0.656606	0.916124	-1.09156	0.6321	0.909887	-1.09904	2.33931	1.42	0.539571	1
cg03550917	ALG1	0.122784	0.428354	0.862501	-1.15942	0.985289	1.00338	1.00338	0.00476999	1.98464	1.98464	0.941093	0.986571	-1.01361	0.42265	1.16164	1.16164	0.311853	1.21094	1.21094	0.226475	0.79269	-1.26153	0.962613	0.991461	-1.00861	0.398619	1.17128	1.17128	2.3393	1.23991	0.471143	1
cg00089100	TPST2;TPST2	0.122785	0.356566	1.33583	1.33583	0.243203	1.45193	1.45193	0.954096	0.982575	-1.01773	0.509646	1.2266	1.2266	0.0106298	0.374966	-2.66691	0.359566	1.33329	1.33329	0.0747072	1.83349	1.83349	0.816456	1.07358	1.07358	0.543445	1.20659	1.20659	2.33929	3.45461	1.31269	1
cg26737948	ATL3	0.122786	0.296596	1.17121	1.17121	0.00692054	0.600254	-1.66596	0.674906	0.940259	-1.06354	0.468583	0.897908	-1.1137	0.40371	1.1329	1.1329	0.325843	1.15968	1.15968	0.281979	0.84936	-1.17736	0.722048	1.05354	1.05354	0.278328	0.848221	-1.17894	2.33928	0.790064	0.300212	1
cg08755040	QSOX1;QSOX1	0.122789	0.418652	0.842921	-1.18635	0.150112	1.37576	1.37576	0.4347	1.17917	1.17917	0.354511	0.821225	-1.21769	0.527594	0.876043	-1.1415	0.769562	0.941067	-1.06262	0.0516753	0.632595	-1.58079	0.773784	0.94215	-1.0614	0.0209859	1.77573	1.77573	2.33925	1.58405	0.601921	1
cg02682142	MBTPS1	0.122792	0.608707	0.815368	-1.22644	0.340829	0.678381	-1.4741	0.0899833	2.09338	2.09338	0.0405779	0.39265	-2.5468	0.0448333	0.402384	-2.48519	0.355937	0.68703	-1.45554	0.129268	0.523093	-1.91171	0.335256	0.675145	-1.48116	0.496222	1.31406	1.31406	2.33923	5.78996	2.20014	1
cg16278716	KALRN;KALRN;KALRN;KALRN;KALRN	0.122792	0.212902	0.416027	-2.40369	0.205205	0.40919	-2.44385	0.0464945	0.217755	-4.59232	0.963603	1.03098	1.03098	0.166776	0.373255	-2.67913	0.114246	0.317101	-3.15357	0.114064	0.316887	-3.1557	0.061141	4.09869	4.09869	0.789786	0.836418	-1.19557	2.33923	16.5582	6.29197	1
cg16124337	UBE2J1	0.122793	0.697325	0.945359	-1.0578	0.916603	1.01517	1.01517	0.00380933	1.75242	1.75242	0.886151	1.02081	1.02081	0.701248	0.94609	-1.05698	0.83488	0.970438	-1.03046	0.222058	0.831519	-1.20262	0.542869	0.915259	-1.09259	0.550533	1.09071	1.09071	2.33922	0.765742	0.290977	1
cg18709349	PNMAL2	0.122793	0.116558	1.73341	1.73341	0.95142	0.980538	-1.01985	0.181219	1.58074	1.58074	0.0189363	2.50119	2.50119	0.506772	1.24269	1.24269	0.233564	0.66839	-1.49613	0.296736	0.705397	-1.41764	0.0804317	1.86925	1.86925	0.492413	1.25221	1.25221	2.33922	3.85527	1.46498	1
cg23748463	MMD2;MMD2	0.122794	0.133005	1.38382	1.38382	0.785293	0.946742	-1.05625	0.922816	0.980765	-1.01961	0.015791	0.552829	-1.80888	0.214201	1.29964	1.29964	0.501171	1.14663	1.14663	0.208178	1.30466	1.30466	0.512885	0.875464	-1.14225	0.184949	0.754444	-1.32548	2.33921	1.48808	0.565464	1
cg00210186	MCART1;MCART1;MCART1	0.122795	0.052036	0.418759	-2.38801	0.530588	1.28426	1.28426	0.778705	0.894987	-1.11733	0.884307	0.944272	-1.05902	0.00736965	0.256666	-3.89612	0.326092	0.670788	-1.49079	0.730985	0.872912	-1.14559	0.0771156	0.461146	-2.16851	0.541595	0.783998	-1.27551	2.33921	5.74598	2.18345	1
cg18070155	OPCML	0.122798	0.23562	0.668249	-1.49645	0.0482908	0.481013	-2.07895	0.272327	0.690352	-1.44854	0.78518	0.915203	-1.09265	0.155264	0.610656	-1.63758	0.156791	0.611919	-1.6342	0.0541595	0.492252	-2.03148	0.0667164	1.94784	1.94784	0.555726	0.824257	-1.21321	2.33918	3.89657	1.4807	1
cg25346444	NRF1;NRF1	0.122802	0.147023	0.721945	-1.38515	0.127328	0.708084	-1.41226	0.189649	0.747623	-1.33757	0.347323	0.816613	-1.22457	0.00948081	0.5025	-1.99005	0.559584	0.883803	-1.13147	0.24578	0.775583	-1.28935	0.2772	0.789309	-1.26693	0.0213732	0.560481	-1.78418	2.33915	1.62376	0.617037	1
cg21002957	RASAL3	0.122803	0.58711	1.25976	1.25976	0.492846	0.745773	-1.34089	0.0546555	2.5044	2.5044	0.110569	2.07988	2.07988	0.649778	1.21231	1.21231	0.122593	0.494288	-2.02311	0.156011	0.527713	-1.89497	0.11437	2.06116	2.06116	0.189445	1.79575	1.79575	2.33914	6.57135	2.49716	1
cg07718813	ZBTB48	0.122805	0.0225388	0.350885	-2.84994	0.511001	0.774476	-1.2912	0.97484	1.01216	1.01216	0.255484	0.634395	-1.5763	0.141984	0.545954	-1.83166	0.117122	0.520731	-1.92038	0.0315421	0.38037	-2.62902	0.0603177	0.443912	-2.2527	0.0789169	0.473352	-2.11259	2.33912	5.44411	2.06882	1
cg27649295	NKAIN2;NKAIN2	0.122807	0.0199723	0.788795	-1.26776	0.327022	0.918068	-1.08924	0.428172	0.933944	-1.07073	0.726091	1.03016	1.03016	0.28762	0.910943	-1.09776	0.471676	0.940021	-1.06381	0.00826737	0.751782	-1.33017	0.964944	1.00372	1.00372	0.922556	0.991819	-1.00825	2.3391	0.264415	0.100481	1
cg08154280	CTNNA2;LRRTM1;CTNNA2	0.122812	0.482296	1.13742	1.13742	0.373053	1.17926	1.17926	0.510808	0.886686	-1.12779	0.10757	1.37253	1.37253	0.168982	1.30244	1.30244	0.0115174	1.76795	1.76795	0.14757	0.755657	-1.32335	0.604825	1.0987	1.0987	0.306979	1.21008	1.21008	2.33906	1.20439	0.457691	1
cg10301657	ZNF185;ZNF185	0.122813	0.691358	1.22772	1.22772	0.267342	0.552073	-1.81135	0.302007	0.577103	-1.73279	0.0215578	0.241964	-4.13284	0.0149693	0.214813	-4.65521	0.379384	1.58981	1.58981	0.692978	1.22631	1.22631	0.516258	0.712926	-1.40267	0.582487	0.751677	-1.33036	2.33905	9.79157	3.72101	1
cg08735298	C1orf122;YRDC;C1orf122	0.122814	0.109509	0.74688	-1.3389	0.144308	0.769269	-1.29994	0.334262	0.846565	-1.18124	0.343084	0.849277	-1.17747	0.803701	1.04254	1.04254	0.049527	0.687409	-1.45474	0.0452327	1.46851	1.46851	0.140656	0.767141	-1.30354	0.780602	0.95437	-1.04781	2.33904	1.03639	0.39385	1
cg02901723	FAM190A	0.122817	0.973582	1.0095	1.0095	0.491187	0.818991	-1.22101	0.375682	1.29645	1.29645	0.0406187	1.96426	1.96426	0.125757	1.605	1.605	0.0657951	0.554579	-1.80317	0.161015	0.652117	-1.53347	0.202543	1.46844	1.46844	0.681041	1.12528	1.12528	2.33901	3.021	1.14806	1
cg14171514	AHNAK;AHNAK	0.122818	0.130845	0.195841	-5.10617	0.196125	0.255087	-3.92024	0.290381	0.333986	-2.99414	0.184008	0.244501	-4.08996	0.0659833	0.127261	-7.85785	0.282308	0.327386	-3.0545	0.0111093	0.0415078	-24.0919	0.0508153	0.108201	-9.24209	0.0798885	0.143377	-6.9746	2.33901	37.0029	14.0621	1
cg25741837	SMYD5	0.122821	0.164397	0.502289	-1.99088	0.348979	0.639211	-1.56443	0.505275	0.730688	-1.36857	0.493977	0.724408	-1.38044	0.0100642	0.221451	-4.51567	0.0346729	0.318865	-3.13613	0.872249	0.928027	-1.07755	0.447265	1.43265	1.43265	0.130194	0.468282	-2.13547	2.33898	7.98063	3.0329	1
cg15587571	UBE2E3;UBE2E3	0.122829	0.219774	0.524086	-1.90808	0.0252291	0.263822	-3.79044	0.286428	0.57448	-1.74071	0.82863	0.89714	-1.11465	0.110034	0.418043	-2.3921	0.338399	0.610103	-1.63907	0.0132005	0.214747	-4.65664	0.0620761	0.349297	-2.86289	0.690486	0.818394	-1.22191	2.33891	9.2873	3.52958	1
cg11031647	DCX;DCX;DCX;DCX	0.12283	?	?	?	0.0128631	0.11403	-8.76965	0.287441	0.46006	-2.17363	0.631854	1.404	1.404	0.150313	0.338287	-2.95607	0.0892513	0.267868	-3.73318	0.760679	0.806745	-1.23955	0.252229	0.431394	-2.31807	0.334446	2.01325	2.01325	2.36123	16.4256	6.95635	1
cg06787716	PCDH18	0.122831	0.662974	1.08634	1.08634	0.880145	1.02891	1.02891	0.0556235	0.66391	-1.50623	0.352882	0.834822	-1.19786	0.804735	1.04789	1.04789	0.0276656	0.611601	-1.63505	0.450544	0.864855	-1.15626	0.0219928	0.595191	-1.68013	0.549288	1.12124	1.12124	2.33889	1.32122	0.502124	1
cg22094599	CCRN4L	0.122833	0.204753	0.560946	-1.7827	0.546207	0.768083	-1.30194	0.073487	0.42224	-2.36832	0.512457	1.33245	1.33245	0.195417	0.553427	-1.80692	0.245563	0.591711	-1.69002	0.237547	0.585906	-1.70676	0.022675	3.25023	3.25023	0.88095	0.937303	-1.06689	2.33888	6.91472	2.62793	1
cg19506903	POLR1C;POLR1C;YIPF3	0.122833	0.832331	0.97058	-1.03031	0.0320463	1.42441	1.42441	0.106209	1.2821	1.2821	0.0229124	1.46718	1.46718	0.0301908	1.4319	1.4319	0.760332	1.04404	1.04404	0.974678	1.00448	1.00448	0.315027	1.15758	1.15758	0.505134	1.09993	1.09993	2.33888	0.734871	0.279287	1
cg11133730	RHOBTB3	0.122837	0.0232255	0.178934	-5.58864	0.0483074	0.239045	-4.18331	0.259938	0.474593	-2.10707	0.201343	0.424941	-2.35327	0.0976412	0.3158	-3.16656	0.116624	0.339158	-2.94848	0.0265082	0.1886	-5.30222	0.143076	0.368552	-2.71332	0.212286	0.434636	-2.30077	2.33884	14.9	5.66283	1
cg23280983	C2orf42	0.122837	0.641396	0.937144	-1.06707	0.0671475	1.32839	1.32839	0.0703515	1.32307	1.32307	0.984168	1.00275	1.00275	0.591127	1.07794	1.07794	0.327677	1.15009	1.15009	0.0494167	0.733193	-1.3639	0.306053	0.863578	-1.15797	0.200941	0.829494	-1.20555	2.33884	0.709545	0.269666	1
cg12752420	C1orf210;C1orf210	0.122839	0.039145	3.63934	3.63934	0.291831	1.80741	1.80741	0.95238	0.968198	-1.03285	0.0935164	2.71346	2.71346	0.0625444	3.10892	3.10892	0.064219	3.08138	3.08138	0.0835822	2.81898	2.81898	0.113125	2.5424	2.5424	0.0452762	3.4656	3.4656	2.33882	10.8481	4.12289	1
cg11951600	TTC30B	0.122841	0.184403	0.823413	-1.21446	0.119669	0.792141	-1.2624	0.883395	0.97995	-1.02046	0.115355	0.78959	-1.26648	0.16603	0.815594	-1.2261	0.208787	0.83289	-1.20064	0.329204	0.870255	-1.14909	0.0254093	0.693063	-1.44287	0.103693	1.27835	1.27835	2.33881	0.705458	0.268116	1
cg21067709	SAP18	0.122844	0.58964	0.793898	-1.25961	0.415725	0.702867	-1.42275	0.452885	0.723165	-1.38281	0.386774	1.4565	1.4565	0.71058	1.17115	1.17115	0.811883	0.90388	-1.10634	0.0139924	0.276288	-3.61942	0.112001	2.08242	2.08242	0.108705	2.09922	2.09922	2.33878	6.6547	2.52922	1
cg14094983	NXPH1	0.122845	0.03505	29.0495	29.0495	0.883551	1.2227	1.2227	0.0915553	12.7914	12.7914	0.0942307	12.4774	12.4774	0.698527	0.5863	-1.70561	0.616996	1.99713	1.99713	0.985122	0.974744	-1.02591	0.0188965	49.4288	49.4288	0.103949	11.4614	11.4614	2.33877	69.7102	26.4945	1
cg17963944	POP7	0.122846	0.983171	0.994888	-1.00514	0.584166	1.14375	1.14375	0.490154	1.18571	1.18571	0.379913	1.24468	1.24468	0.720658	0.916444	-1.09117	0.0803234	1.60228	1.60228	0.00991655	0.453107	-2.20698	0.917769	0.975216	-1.02541	0.199824	1.38977	1.38977	2.33876	2.18734	0.831337	1
cg26249331	RPIA	0.12285	0.0516248	0.712517	-1.40347	0.0429467	1.42823	1.42823	0.2729	1.19077	1.19077	0.308982	0.851202	-1.17481	0.611344	0.924583	-1.08157	0.330877	0.857688	-1.16593	0.60945	0.924191	-1.08203	0.274947	0.840465	-1.18982	0.153075	1.26379	1.26379	2.33873	0.867198	0.3296	1
cg00036570	USP40	0.122851	0.0222002	0.385284	-2.59549	0.687549	1.15103	1.15103	0.893326	0.954396	-1.04778	0.0686659	0.49215	-2.0319	0.0157823	0.357365	-2.79826	0.197886	0.622834	-1.60556	0.358105	0.719804	-1.38927	0.986201	1.00603	1.00603	0.430335	0.755748	-1.32319	2.33872	4.48314	1.70393	1
cg25440307	ZNF777	0.122851	0.83019	0.953686	-1.04856	0.691891	0.915807	-1.09193	0.752013	0.932398	-1.0725	0.944472	1.0155	1.0155	0.284603	1.27817	1.27817	0.0535364	1.62278	1.62278	0.0285054	1.76953	1.76953	0.0327692	1.73586	1.73586	0.0935514	1.50266	1.50266	2.33872	1.80586	0.686361	1
cg08815306	VWA3A	0.122852	0.0884882	0.334578	-2.98884	0.018661	0.189928	-5.26515	0.0525576	0.2769	-3.61141	0.573151	0.717719	-1.3933	0.0755457	0.315828	-3.16628	0.278606	0.518751	-1.92771	0.0299443	0.22584	-4.42791	0.591951	0.729621	-1.37057	0.448967	0.637934	-1.56756	2.33871	12.5721	4.77838	1
cg26759515	ATP6V0D1;ATP6V0D1	0.122856	0.921895	1.01753	1.01753	0.0777133	1.41528	1.41528	0.752196	1.05772	1.05772	0.259221	1.23185	1.23185	0.826415	0.961839	-1.03968	0.117418	0.739887	-1.35156	0.0482729	0.670447	-1.49154	0.1022	1.3728	1.3728	0.235547	1.24635	1.24635	2.33868	1.1624	0.441805	1
cg23725024	MBOAT2	0.122858	0.151789	0.726457	-1.37654	0.734329	1.07347	1.07347	0.452961	0.852897	-1.17248	0.16786	0.736455	-1.35786	0.277937	1.26467	1.26467	0.643644	1.10181	1.10181	0.0439281	1.61913	1.61913	0.0410611	0.612249	-1.63332	0.466602	0.857116	-1.1667	2.33866	1.6043	0.60977	1
cg24904943	ADCY2	0.122862	0.110131	0.442175	-2.26155	0.426573	1.46296	1.46296	0.748363	1.16281	1.16281	0.776572	1.14264	1.14264	0.00439496	0.168251	-5.94349	0.991552	1.00497	1.00497	0.32632	0.621929	-1.6079	0.956559	0.974794	-1.02586	0.698777	0.833405	-1.1999	2.33863	8.13477	3.09195	1
cg22876739	TET1	0.122862	0.0337206	0.171902	-5.81726	0.163839	0.34821	-2.87183	0.36152	0.513762	-1.94643	0.0213318	0.140232	-7.13102	0.035279	0.17537	-5.70221	0.202184	0.384379	-2.6016	0.118168	0.299812	-3.33543	0.189408	0.372671	-2.68333	0.111072	0.291545	-3.43	2.33862	18.6735	7.09762	1
cg02040921	ACE	0.122863	0.602092	0.930918	-1.07421	0.28879	1.16166	1.16166	0.421237	0.894217	-1.1183	0.0190055	0.67949	-1.47169	0.0549191	0.743627	-1.34476	0.0363822	0.718188	-1.39239	0.323066	0.87032	-1.149	0.510588	0.913189	-1.09506	0.804812	1.03427	1.03427	2.33862	0.68586	0.260689	1
cg07131116	DDX24;IFI27L1;IFI27L1	0.122863	0.121005	0.537015	-1.86215	0.376518	1.39873	1.39873	0.237054	1.581	1.581	0.0940713	0.506264	-1.97526	0.0848994	2.02287	2.02287	0.872824	0.942484	-1.06103	0.041369	0.418962	-2.38685	0.698407	0.865909	-1.15486	0.546064	0.797794	-1.25346	2.33861	5.06431	1.92491	1
cg07318627	FAM38A	0.122864	0.133837	0.624229	-1.60198	0.0457602	1.94927	1.94927	0.158766	0.644671	-1.55118	0.199487	0.673623	-1.48451	0.714819	0.898565	-1.11289	0.179949	0.660303	-1.51446	0.140544	0.629984	-1.58734	0.556045	0.840677	-1.18952	0.0569641	0.533757	-1.87351	2.33861	3.14624	1.19586	1
cg09869791	ABCD3;ABCD3	0.122865	0.0499553	1.64165	1.64165	0.781339	0.940167	-1.06364	0.902638	1.02751	1.02751	0.27381	1.28724	1.28724	0.715621	0.922076	-1.08451	0.385521	1.21806	1.21806	0.536382	1.14892	1.14892	0.377824	1.22218	1.22218	0.00504437	2.27572	2.27572	2.3386	1.82092	0.692122	1
cg07172339	ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2	0.122866	0.22537	0.777722	-1.28581	0.299452	0.808713	-1.23653	0.611672	0.903859	-1.10637	0.762301	0.941867	-1.06172	0.0044415	0.472641	-2.11577	0.169741	0.749195	-1.33477	0.28518	1.24504	1.24504	0.853935	0.964269	-1.03706	0.971906	0.993071	-1.00698	2.33859	1.44373	0.548756	1
cg07902673	LMO4	0.122867	0.736612	0.834294	-1.19862	0.42877	1.54271	1.54271	0.425145	1.5482	1.5482	0.0201693	4.49874	4.49874	0.210029	0.492158	-2.03187	0.817324	0.883225	-1.13221	0.0391788	0.277812	-3.59956	0.491155	1.45542	1.45542	0.473508	0.676214	-1.47882	2.33859	10.6679	4.05485	1
cg18919225	PAH	0.122869	0.066025	6.84935	6.84935	0.0899403	5.71962	5.71962	0.310323	2.66305	2.66305	0.597135	1.64486	1.64486	0.15891	4.07493	4.07493	0.63781	1.55647	1.55647	0.0351283	9.87518	9.87518	0.0223622	12.8537	12.8537	0.0492166	8.12147	8.12147	2.33856	32.2423	12.2553	1
cg17751430	PNLIPRP1	0.122871	0.0622345	0.558326	-1.79107	0.799863	0.931895	-1.07308	0.00343719	0.331745	-3.01436	0.495519	0.825184	-1.21185	0.235973	0.708351	-1.41173	0.391476	0.783663	-1.27606	0.446185	0.806059	-1.2406	0.633423	0.875112	-1.14271	0.273613	0.728823	-1.37207	2.33855	2.85524	1.08529	1
cg04910877	CBFA2T3;CBFA2T3	0.122876	0.235771	0.610725	-1.6374	0.84981	1.07814	1.07814	0.788068	0.898585	-1.11286	0.0301795	0.363617	-2.75015	0.0883196	0.474107	-2.10923	0.70896	0.861738	-1.16045	0.177241	0.566004	-1.76677	0.919017	1.04119	1.04119	0.0109211	0.281418	-3.55344	2.33851	5.83358	2.2174	1
cg00915092	HHLA2	0.122877	0.103777	0.289991	-3.44839	0.11521	0.303678	-3.29296	0.0540643	0.218373	-4.57932	0.195181	0.385411	-2.59463	0.0171969	0.132634	-7.53956	0.259357	0.440952	-2.26782	0.0729898	0.248678	-4.02126	0.0865046	0.267761	-3.73468	0.090164	0.27265	-3.6677	2.3385	17.9346	6.81713	1
cg14756480	PIK3C3	0.122879	0.223596	1.4988	1.4988	0.0211855	0.416044	-2.40359	0.227999	0.670006	-1.49252	0.320726	0.722746	-1.38361	0.856663	1.05889	1.05889	0.49462	1.24544	1.24544	0.0823323	1.83872	1.83872	0.234681	0.674202	-1.48323	0.46683	0.791096	-1.26407	2.33848	3.70953	1.41005	1
cg24149295	RASL10B	0.12288	0.417556	0.872082	-1.14668	0.181399	0.791041	-1.26416	0.94774	0.989229	-1.01089	0.251747	1.21874	1.21874	0.0357436	1.49739	1.49739	0.219451	0.807872	-1.23782	0.344872	0.851513	-1.17438	0.0817972	1.37525	1.37525	0.223067	1.23555	1.23555	2.33847	1.01095	0.384278	1
cg03443590	RPTOR;RPTOR	0.122881	0.218213	0.455973	-2.19311	0.585693	1.39618	1.39618	0.979519	1.01569	1.01569	0.0703846	3.40858	3.40858	0.145358	0.387485	-2.58074	0.197851	0.438116	-2.2825	0.106895	0.343944	-2.90745	0.0603408	0.276815	-3.61252	0.130539	0.371548	-2.69144	2.33847	13.6163	5.17577	1
cg08529614	TMEM50A	0.122881	0.139566	0.860117	-1.16263	0.441063	1.0773	1.0773	0.242579	1.12289	1.12289	0.0539303	1.23046	1.23046	0.758486	0.971193	-1.02966	0.383671	0.91882	-1.08835	0.911724	1.01057	1.01057	0.333214	0.909733	-1.09922	0.0283139	0.782409	-1.2781	2.33846	0.332701	0.126465	1
cg20661296	RNF8;RNF8	0.122883	0.929889	1.02282	1.02282	0.0492027	1.77837	1.77837	0.0545346	1.74947	1.74947	0.66901	1.11659	1.11659	0.122916	0.651426	-1.53509	0.357315	0.784464	-1.27476	0.0785032	0.605838	-1.65061	0.588557	1.15033	1.15033	0.784341	1.07288	1.07288	2.33844	2.43533	0.925716	1
cg22853607	D4S234E;D4S234E	0.122886	0.502394	0.859051	-1.16408	0.0547642	1.62616	1.62616	0.111201	1.47294	1.47294	0.865349	1.0386	1.0386	0.827735	0.952525	-1.04984	0.344263	0.804585	-1.24288	0.0312384	0.568866	-1.75788	0.366362	0.812921	-1.23013	0.273421	1.28966	1.28966	2.33842	1.84479	0.701248	1
cg06207140	SGCE;SGCE;SGCE	0.122886	0.0202963	0.358425	-2.78998	0.242035	0.638258	-1.56677	0.349825	1.42319	1.42319	0.56662	0.808639	-1.23665	0.145391	0.563656	-1.77413	0.133179	0.552086	-1.81131	0.208301	1.62652	1.62652	0.284142	1.50382	1.50382	0.438731	0.748552	-1.33591	2.33842	4.97995	1.893	1
cg00733780	GAD2;GAD2	0.122887	0.896235	0.938397	-1.06565	0.173083	2.04049	2.04049	0.0939815	2.48584	2.48584	0.498208	0.714762	-1.39907	?	?	?	0.114771	0.42886	-2.33176	0.0335995	0.289515	-3.45405	0.606252	0.775949	-1.28874	0.26397	0.564976	-1.76999	2.494	8.16004	2.86289	1
cg01206259	GRK5	0.122888	0.0167261	0.354209	-2.82319	0.0382202	0.425913	-2.3479	0.938624	0.973006	-1.02774	0.43924	0.755536	-1.32356	0.149479	0.577419	-1.73185	0.0445337	0.440534	-2.26997	0.076745	0.49684	-2.01272	0.497626	0.782955	-1.27721	0.216148	0.629692	-1.58808	2.3384	4.67646	1.77765	1
cg22956023	LOC729234	0.122889	0.661471	0.809983	-1.23459	0.0414285	3.07971	3.07971	0.0437619	3.02998	3.02998	0.190845	1.93957	1.93957	0.476424	1.41382	1.41382	0.333084	1.61209	1.61209	0.0168104	4.03654	4.03654	0.680186	1.21926	1.21926	0.598685	0.775688	-1.28918	2.3384	8.47175	3.22035	1
cg17431301	GAK	0.122894	0.00743903	0.1782	-5.61166	0.653157	0.797441	-1.25401	0.191725	0.500798	-1.99681	0.902445	1.06328	1.06328	0.104675	0.411718	-2.42884	0.947515	0.967595	-1.03349	0.120351	0.430388	-2.32349	0.814908	0.889281	-1.1245	0.0597966	0.345496	-2.89439	2.33835	9.27277	3.5249	1
cg02923571	PWP1	0.122895	0.0718075	0.240327	-4.16099	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.173876	2.69744	2.69744	0.525036	1.53355	1.53355	3.17429	6.66093	3.49733	1
cg06831965	RP1	0.122896	0.991103	0.997266	-1.00274	0.151668	0.68578	-1.45819	0.0858558	0.62742	-1.59383	0.818763	0.945199	-1.05798	0.941217	1.01827	1.01827	0.164926	1.43876	1.43876	0.877203	0.962742	-1.0387	0.0155322	0.482482	-2.07261	0.0870453	0.628751	-1.59046	2.33833	2.23317	0.848911	1
cg00498155	ZNF461	0.1229	0.0743037	0.629427	-1.58875	0.125598	0.679855	-1.4709	0.237242	0.749574	-1.33409	0.207599	0.733929	-1.36253	0.449188	1.19665	1.19665	0.0930247	0.650393	-1.53753	0.314153	1.27421	1.27421	0.362851	0.804356	-1.24323	0.0933285	1.5368	1.5368	2.3383	2.00695	0.762929	1
cg22110896	TBX4	0.122902	0.215599	1.83124	1.83124	0.202294	0.535319	-1.86804	0.171024	0.508341	-1.96719	0.0365357	0.323692	-3.08936	0.261977	1.72108	1.72108	0.471046	1.40544	1.40544	0.35353	0.642041	-1.55753	0.052616	0.35959	-2.78094	0.479149	0.716088	-1.39648	2.33829	7.97956	3.03339	1
cg16725191	BRCA2	0.122903	0.284055	1.50074	1.50074	0.126151	0.546823	-1.82874	0.0596184	0.460501	-2.17155	0.217663	0.62308	-1.60493	0.257033	1.53958	1.53958	0.460099	1.31567	1.31567	0.20056	1.6375	1.6375	0.175306	0.5911	-1.69176	0.141045	0.561315	-1.78153	2.33828	4.92779	1.87328	1
cg06755309	SPRY4;SPRY4	0.122903	0.731882	0.958872	-1.04289	0.547995	0.928454	-1.07706	0.785904	1.03381	1.03381	0.686437	1.05081	1.05081	0.860389	1.02173	1.02173	0.503298	1.08648	1.08648	0.00349475	0.616407	-1.6223	0.294472	1.14199	1.14199	0.912085	0.986604	-1.01358	2.33827	0.552207	0.20992	1
cg17995557	LHPP;LHPP	0.122904	0.984543	0.991707	-1.00836	0.315458	1.56231	1.56231	0.277528	1.62487	1.62487	0.0789039	2.31335	2.31335	0.0089823	0.239746	-4.17108	0.83497	1.09382	1.09382	0.48249	1.35911	1.35911	0.71079	0.852059	-1.17363	0.999223	1.00042	1.00042	2.33826	6.84272	2.60125	1
cg01689964	TBC1D24	0.122905	0.330359	1.22237	1.22237	0.2898	0.80281	-1.24562	0.154144	0.73715	-1.35658	0.98273	0.995682	-1.00434	0.166071	1.34345	1.34345	0.800327	0.950598	-1.05197	0.0123234	0.536328	-1.86453	0.234268	1.28307	1.28307	0.727484	0.932454	-1.07244	2.33825	1.47992	0.562592	1
cg21534584	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.122906	0.793505	1.0976	1.0976	0.0481711	0.448577	-2.22927	0.0177172	0.359198	-2.78398	0.246083	0.650089	-1.53825	0.938194	1.02791	1.02791	0.478687	0.774389	-1.29134	0.118642	1.82461	1.82461	0.979021	0.990708	-1.00938	0.216257	0.630047	-1.58718	2.33825	4.6672	1.77424	1
ch.9.2043201R	GAPVD1	0.122908	0.0209873	0.369085	-2.7094	0.834762	0.927767	-1.07786	0.032678	0.407737	-2.45256	0.0998277	0.523453	-1.91039	0.0466896	0.441534	-2.26483	0.519334	0.790996	-1.26423	0.26857	0.661262	-1.51226	0.61428	1.20009	1.20009	0.924521	0.966559	-1.0346	2.33823	4.77095	1.8137	1
cg26227242	ATG16L1;ATG16L1	0.122909	0.191554	0.814994	-1.227	0.706667	0.945597	-1.05753	0.848168	0.972039	-1.02877	0.368259	0.872199	-1.14653	0.361026	0.870288	-1.14904	0.0123671	1.58531	1.58531	0.230445	0.83015	-1.2046	0.330645	1.16012	1.16012	0.217569	1.21159	1.21159	2.33822	0.81071	0.308197	1
cg07107756	CARD14;CARD14	0.122911	0.0489546	0.469268	-2.13098	0.872267	0.947291	-1.05564	0.035091	0.437706	-2.28464	0.33144	0.713751	-1.40105	0.0152109	0.366671	-2.72724	0.699026	0.87744	-1.13968	0.0733017	0.510639	-1.95833	0.323351	0.709442	-1.40956	0.184775	0.62291	-1.60537	2.33821	4.19396	1.59437	1
cg20497120	NDUFB11;NDUFB11;NDUFB11;RBM10;RBM10;NDUFB11	0.122914	0.0849643	0.20166	-4.95885	0.897907	1.11394	1.11394	0.543259	1.67737	1.67737	0.0992595	4.56761	4.56761	0.0437227	7.02036	7.02036	0.0531577	0.157737	-6.33967	0.646494	1.4743	1.4743	0.746459	0.761328	-1.3135	0.898107	0.897905	-1.1137	2.33818	26.1667	9.94762	1
cg06419748	SHROOM3	0.122917	0.121074	0.636265	-1.57167	0.940815	0.980226	-1.02017	0.00857229	0.405795	-2.4643	0.869484	0.956733	-1.04522	0.234449	0.715178	-1.39825	0.264978	0.731638	-1.3668	0.118481	1.57752	1.57752	0.835967	0.945761	-1.05735	0.472037	0.821392	-1.21745	2.33815	2.67897	1.01845	1
cg00720723	NOP58;NOP58	0.122917	0.0202927	0.59927	-1.6687	0.929582	1.01631	1.01631	0.333997	0.833318	-1.20002	0.900039	1.02326	1.02326	0.372637	1.18233	1.18233	0.867959	0.970011	-1.03092	0.339144	0.835029	-1.19756	0.0450207	0.656445	-1.52336	0.11694	1.3657	1.3657	2.33815	1.24002	0.471416	1
cg23849965	NCOA4;NCOA4;NCOA4	0.122918	0.0430289	0.87056	-1.14869	0.418968	0.952023	-1.0504	0.135839	0.908743	-1.10042	0.646577	0.972888	-1.02787	0.1991	0.922394	-1.08414	0.0115843	0.828675	-1.20675	0.829118	0.987214	-1.01295	0.341984	1.06002	1.06002	0.688302	1.0243	1.0243	2.33815	0.131259	0.0499004	1
cg02301754	VPS72;TMOD4	0.122919	0.0607969	1.3357	1.3357	0.784052	0.963079	-1.03834	0.163519	1.22586	1.22586	0.295648	0.861985	-1.16011	0.330571	1.14739	1.14739	0.665304	0.942136	-1.06142	0.0110489	1.54725	1.54725	0.750887	1.04458	1.04458	0.228761	1.18884	1.18884	2.33813	0.694498	0.264028	1
cg04642170	HPS4;HPS4	0.122922	0.365134	1.92833	1.92833	0.00960664	10.1095	10.1095	0.0150558	8.23533	8.23533	0.461168	1.69794	1.69794	0.447792	1.72624	1.72624	0.587945	1.47114	1.47114	0.130648	3.16418	3.16418	0.275084	2.22844	2.22844	0.209556	2.54279	2.54279	2.33811	18.4401	7.01047	1
cg15281724	TXLNB	0.122927	0.142607	0.75054	-1.33237	0.246184	0.801851	-1.24711	0.0615002	0.681432	-1.4675	0.0188905	0.595854	-1.67826	0.0881069	0.709856	-1.40874	0.0345934	0.638484	-1.56621	0.960057	0.990922	-1.00916	0.203629	0.783234	-1.27676	0.142301	0.75035	-1.33271	2.33807	1.22775	0.466769	1
cg05812697	AGBL4	0.122927	0.629026	0.898357	-1.11314	0.0264482	0.560206	-1.78506	0.100274	0.672685	-1.48658	0.482754	1.17008	1.17008	0.248281	0.766627	-1.30441	0.751413	0.932415	-1.07248	0.041792	1.67642	1.67642	0.622492	1.11546	1.11546	0.676834	0.911838	-1.09669	2.33806	1.79535	0.682559	1
cg16312972	SFRS13A;SFRS13A	0.122927	0.0412827	0.394745	-2.53328	0.113138	0.506205	-1.97549	0.396441	1.40901	1.40901	0.427393	1.37708	1.37708	0.116011	0.509402	-1.96309	0.140593	0.534775	-1.86995	0.0649364	0.441136	-2.26687	0.489215	1.31969	1.31969	0.713736	1.1566	1.1566	2.33806	5.77349	2.19498	1
cg07808555	KCNA3	0.122928	0.147036	1.21536	1.21536	0.343993	0.884994	-1.12995	0.129134	0.81422	-1.22817	0.0310035	1.37352	1.37352	0.120518	1.23498	1.23498	0.142003	1.2188	1.2188	0.654555	1.05807	1.05807	0.144714	1.21693	1.21693	0.601498	1.06827	1.06827	2.33805	0.581685	0.221147	1
cg10853063	CIT	0.122933	0.0972478	0.830397	-1.20424	0.226902	0.878486	-1.13832	0.793285	1.02718	1.02718	0.291119	0.894162	-1.11837	0.221071	0.8769	-1.14038	0.22829	0.878859	-1.13784	0.00895333	0.712123	-1.40425	0.0615585	0.806522	-1.23989	0.673444	1.04424	1.04424	2.33802	0.38615	0.14681	1
cg26554265	EPHB2;EPHB2	0.122933	0.960944	0.982968	-1.01733	0.0850962	0.5128	-1.95008	0.263413	0.66432	-1.5053	0.0174405	0.362305	-2.76011	0.0165401	0.358045	-2.79295	0.377048	0.727617	-1.37435	0.548223	1.23755	1.23755	0.563551	0.814775	-1.22733	0.588292	0.825534	-1.21134	2.33801	4.55689	1.73248	1
cg10207609	CD36;CD36;CD36	0.122934	0.131345	0.497421	-2.01037	0.923409	0.959613	-1.04209	0.0172104	0.288135	-3.4706	0.129202	0.495177	-2.01948	0.0281244	0.329008	-3.03944	0.794148	0.893953	-1.11863	0.829858	1.09664	1.09664	0.448192	1.39287	1.39287	0.256603	0.601925	-1.66134	2.33801	6.80527	2.5873	1
cg13426544	SART1	0.122934	0.0566274	0.613636	-1.62963	0.270619	1.2964	1.2964	0.318521	1.2628	1.2628	0.160619	0.712343	-1.40382	0.734347	0.925808	-1.08014	0.998781	1.00035	1.00035	0.0256111	1.82239	1.82239	0.324022	0.79412	-1.25926	0.567802	1.13961	1.13961	2.33801	1.8967	0.72111	1
cg01763702	ZFAND2A	0.122934	0.747886	1.20477	1.20477	0.67235	0.781827	-1.27906	0.984607	0.988943	-1.01118	0.849097	0.895949	-1.11613	0.664723	0.776979	-1.28704	?	?	?	0.422268	1.61463	1.61463	0.0206946	0.16071	-6.2224	0.0211031	0.162287	-6.16192	2.96945	12.745	2.68251	1
cg27063170	PSTK	0.122936	0.0609035	0.202797	-4.93105	0.5826	1.44531	1.44531	?	?	?	0.443426	0.592111	-1.68887	?	?	?	0.060664	0.202329	-4.94243	?	?	?	?	?	?	0.24384	2.32177	2.32177	3.52596	11.6356	2.63998	1
cg19544372	ZNF560	0.122937	0.0515	4.46127	4.46127	0.464789	0.605385	-1.65184	0.304735	0.488208	-2.04831	0.412116	0.567945	-1.76073	0.252515	0.446494	-2.23967	0.881608	1.10577	1.10577	0.323697	0.502771	-1.98898	0.115107	0.314815	-3.17647	0.0453759	4.70423	4.70423	2.33798	16.852	6.40704	1
cg18563812	ST18	0.122938	0.309895	1.39463	1.39463	0.0734223	0.531592	-1.88114	0.0682252	0.523945	-1.9086	0.971047	0.988576	-1.01156	0.262109	0.690623	-1.44797	0.135344	0.600767	-1.66454	0.0238437	0.425866	-2.34816	0.926957	0.971391	-1.02945	0.09713	0.561941	-1.77955	2.33797	3.71055	1.41074	1
cg20768043	ISL1	0.122938	0.682565	0.795869	-1.25649	0.0340437	3.94988	3.94988	0.619837	1.32006	1.32006	0.272648	0.530478	-1.88509	0.206067	0.476822	-2.09722	0.260225	0.520964	-1.91952	0.198228	0.469991	-2.1277	0.0601786	3.24506	3.24506	0.507395	1.45272	1.45272	2.33797	11.4163	4.34046	1
cg18091762	ARMC9	0.12294	0.271536	0.753396	-1.32732	0.171389	0.697506	-1.43368	0.0280654	1.89995	1.89995	0.652687	1.11859	1.11859	0.47903	0.83692	-1.19486	0.603912	0.878557	-1.13823	0.413056	0.813003	-1.23001	0.035101	0.544816	-1.83548	0.247208	0.741325	-1.34894	2.33795	2.2661	0.861569	1
cg15344228	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.122944	0.0276168	0.492972	-2.02851	0.801421	0.933851	-1.07083	0.172274	1.4837	1.4837	0.828573	1.06066	1.06066	0.185538	0.683015	-1.4641	0.115029	1.59261	1.59261	0.658513	0.88622	-1.12839	0.0643771	0.568746	-1.75825	0.99167	1.00284	1.00284	2.33792	2.73074	1.03824	1
cg24593464	TRIM29	0.122945	0.42701	1.17008	1.17008	0.877821	1.03024	1.03024	0.0243203	0.594606	-1.68179	0.83558	0.960548	-1.04107	0.832733	0.959867	-1.04181	0.163346	1.33394	1.33394	0.0243161	1.68182	1.68182	0.507183	0.877813	-1.13919	0.875256	0.970032	-1.03089	2.33791	1.38888	0.528063	1
cg12967864	MBOAT7;MBOAT7;TMC4;MBOAT7;TMC4	0.122945	0.158411	0.338437	-2.95476	0.136893	0.316202	-3.16254	0.206502	2.60494	2.60494	0.341504	0.49446	-2.02241	0.146794	0.326614	-3.06172	0.285939	2.21736	2.21736	0.11193	0.288275	-3.4689	0.0711347	4.25677	4.25677	0.902249	0.915494	-1.09231	2.33791	19.1184	7.26895	1
cg21618040	RILPL2	0.122946	0.321272	0.783732	-1.27595	0.387109	1.23469	1.23469	0.514319	0.854479	-1.1703	0.440959	0.829551	-1.20547	0.153873	0.695548	-1.43772	0.906151	1.02844	1.02844	0.148691	1.44534	1.44534	0.0447887	1.72938	1.72938	0.0431476	1.73894	1.73894	2.3379	2.09396	0.796141	1
cg24579489	HDGF2;HDGF2	0.122946	0.56045	0.728622	-1.37245	0.345044	0.592711	-1.68716	0.631542	0.771162	-1.29674	0.0194409	0.218826	-4.56985	0.0297635	0.252691	-3.9574	0.055292	0.310848	-3.217	0.0402205	0.279502	-3.57779	0.753032	0.843868	-1.18502	0.26547	0.535742	-1.86657	2.3379	10.7099	4.07199	1
cg01313234	IMPA1;IMPA1;IMPA1	0.122951	0.15217	0.808398	-1.23701	0.550704	1.08732	1.08732	0.922989	1.0135	1.0135	0.622846	0.93357	-1.07116	0.0297668	1.42569	1.42569	0.891389	1.01913	1.01913	0.0198345	1.477	1.477	0.785253	0.962835	-1.0386	0.389173	0.884821	-1.13017	2.33786	0.711948	0.270693	1
cg03341991	N4BP2L2;N4BP2L2	0.122954	?	?	?	0.133799	0.480838	-2.0797	0.697365	0.837814	-1.19358	0.346164	1.55163	1.55163	0.133226	2.0823	2.0823	0.232467	0.567228	-1.76296	0.889425	0.938951	-1.06502	0.907953	0.948973	-1.05377	0.0150391	0.258393	-3.87008	2.36014	6.81289	2.88664	1
cg03255749	NXN	0.122955	0.706694	1.26802	1.26802	0.296082	1.97497	1.97497	0.386196	0.572362	-1.74715	0.747008	1.22545	1.22545	0.0939897	0.314535	-3.1793	0.482861	1.56514	1.56514	0.0137808	0.147725	-6.76932	0.38094	1.75857	1.75857	0.143675	0.372732	-2.68289	2.33783	14.609	5.55464	1
cg27460531	RPTOR;RPTOR	0.122956	0.729333	0.857509	-1.16617	0.198487	0.548044	-1.82467	0.0303235	0.324072	-3.08574	0.63213	1.23795	1.23795	0.0109345	0.243287	-4.11036	0.521968	1.33271	1.33271	0.980667	0.989333	-1.01078	0.880776	1.06868	1.06868	0.238838	0.579293	-1.72624	2.33781	7.25173	2.75727	1
cg07796475	FIBP;FIBP;FIBP;FIBP	0.122957	0.333801	0.852258	-1.17335	0.28467	1.1951	1.1951	0.0280469	1.51609	1.51609	0.574334	1.09528	1.09528	0.158903	1.27312	1.27312	0.998618	0.999722	-1.00028	0.0450021	0.69148	-1.44617	0.328019	0.850516	-1.17576	0.8797	0.976004	-1.02459	2.33781	0.95223	0.36206	1
cg24973205	BACE2;BACE2;BACE2	0.122961	0.447705	0.858244	-1.16517	0.00941316	0.521898	-1.91608	0.147432	0.735592	-1.35945	0.537536	0.883974	-1.13126	0.854177	0.964307	-1.03701	0.0929827	1.44067	1.44067	0.832103	1.04283	1.04283	0.1833	0.756601	-1.3217	0.617084	0.905215	-1.10471	2.33777	1.44496	0.549414	1
cg17074704	TGFBR3	0.122964	0.72288	0.832766	-1.20082	0.285481	1.76856	1.76856	0.486738	0.695445	-1.43793	0.235549	0.527857	-1.89445	0.0760379	0.362511	-2.75854	0.53267	0.722666	-1.38377	0.00677426	0.16468	-6.07239	0.15136	0.453769	-2.20376	0.520021	0.715217	-1.39818	2.33775	9.78059	3.7189	1
cg26636054	FAM18A	0.122965	0.543464	0.906492	-1.10315	0.768483	1.04825	1.04825	0.167543	0.790698	-1.26471	0.127345	1.30108	1.30108	0.123268	1.30541	1.30541	0.289004	1.19208	1.19208	0.0669206	1.38801	1.38801	0.0580223	0.71032	-1.40782	0.794704	1.04251	1.04251	2.33774	0.943501	0.358752	1
cg27117585	ADARB2	0.122966	0.0389364	0.516752	-1.93516	0.354309	0.768596	-1.30107	0.0772634	0.581294	-1.7203	0.421093	1.25482	1.25482	0.0215577	0.466603	-2.14315	0.181906	0.676153	-1.47896	0.680159	1.1213	1.1213	0.195148	0.684927	-1.46001	0.932483	1.02368	1.02368	2.33773	2.82415	1.07384	1
cg16395712	NDEL1;NDEL1	0.122969	?	?	?	0.848556	0.864842	-1.15628	0.857992	0.872807	-1.14573	0.240575	2.5427	2.5427	0.0721326	0.217719	-4.59307	0.103343	0.25841	-3.86981	0.0183516	0.113755	-8.79079	0.720194	1.31417	1.31417	0.601315	1.49248	1.49248	2.36001	19.168	8.12199	1
cg08942191	ARNT2	0.122969	0.963446	1.02364	1.02364	0.0794481	2.69815	2.69815	0.0359409	3.46981	3.46981	0.988647	1.00728	1.00728	0.425145	0.660186	-1.51472	0.279334	1.77434	1.77434	0.0723847	0.359797	-2.77934	0.140184	2.24594	2.24594	0.556595	0.738485	-1.35412	2.3377	9.62385	3.65937	1
cg07216194	PTK2B;PTK2B;PTK2B;PTK2B	0.12297	0.0329608	0.125887	-7.94362	0.167295	3.39795	3.39795	0.403081	2.03599	2.03599	0.153144	0.280521	-3.5648	0.220165	0.342607	-2.91879	0.336612	0.43902	-2.2778	0.0563975	0.166125	-6.01957	0.146586	0.27398	-3.64989	0.861345	0.864794	-1.15635	2.3377	25.562	9.71973	1
cg06323957	BIRC2	0.122971	0.460058	0.702808	-1.42286	0.346101	1.57609	1.57609	0.679084	0.822781	-1.21539	0.667029	0.816322	-1.22501	0.0165831	0.253589	-3.94338	0.0402806	0.329254	-3.03717	0.525307	1.35229	1.35229	0.592965	0.776473	-1.28787	0.173134	1.97322	1.97322	2.33769	8.13972	3.09507	1
cg20924136	FBXO36	0.122975	0.113758	0.289788	-3.45079	0.662242	0.728774	-1.37217	0.0538131	0.206802	-4.83555	0.0374897	0.175942	-5.6837	0.0177167	0.125423	-7.97303	0.484829	0.59991	-1.66692	0.418447	0.551485	-1.81329	0.924391	0.933953	-1.07072	0.0609365	0.218627	-4.57401	2.33765	19.1832	7.2944	1
cg05171021	DHRS4;C14orf167;C14orf167;C14orf167;C14orf167	0.122979	0.773451	0.850385	-1.17594	0.0823643	0.339429	-2.94612	0.0459429	0.276787	-3.61288	0.0486213	3.54221	3.54221	0.575518	0.727852	-1.37391	0.79239	0.862328	-1.15965	0.102832	2.72406	2.72406	0.981267	0.986903	-1.01327	0.685687	1.25667	1.25667	2.33762	11.6729	4.43865	1
cg01634057	NUDT6;NUDT6;SPATA5	0.12298	0.0297465	0.738587	-1.35394	0.802762	0.97079	-1.03009	0.329506	0.887627	-1.1266	0.0141993	0.698819	-1.43099	0.621564	0.942763	-1.06071	0.510404	0.923961	-1.0823	0.210028	1.16938	1.16938	0.461134	1.09294	1.09294	0.961922	0.994361	-1.00567	2.33761	0.519477	0.197534	1
cg06489500	BRSK2	0.12298	0.382755	1.87906	1.87906	0.00842531	10.7086	10.7086	0.0146302	8.31836	8.31836	0.753346	1.24875	1.24875	0.29536	2.14841	2.14841	0.289366	2.1706	2.1706	0.290281	2.16718	2.16718	0.407129	1.8177	1.8177	0.890417	1.10202	1.10202	2.33761	18.3856	6.99121	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25008571	PTPRG	0.122983	0.325234	0.813403	-1.2294	0.0285198	1.6912	1.6912	0.633551	1.10257	1.10257	0.876069	1.03224	1.03224	0.773469	0.943012	-1.06043	0.579591	1.12049	1.12049	0.0118078	1.89503	1.89503	0.139845	1.38123	1.38123	0.883123	1.03036	1.03036	2.33759	1.53032	0.581917	1
cg02980971	HSBP1	0.122986	0.0471071	0.758449	-1.31848	0.337914	1.12774	1.12774	0.567563	0.932104	-1.07284	0.612944	1.06404	1.06404	0.629266	0.942524	-1.06098	0.0328359	0.73802	-1.35498	0.610639	1.06448	1.06448	0.028036	0.729214	-1.37134	0.782395	0.96687	-1.03427	2.33756	0.548205	0.208462	1
cg13104128	CPZ;CPZ;CPZ	0.122986	0.194283	0.616087	-1.62315	0.805756	0.916766	-1.09079	0.99797	0.999103	-1.0009	0.262268	0.662124	-1.51029	0.217149	0.632541	-1.58092	0.042463	2.27994	2.27994	0.035494	0.4217	-2.37135	0.2004	0.620604	-1.61133	0.157988	0.587172	-1.70308	2.33756	4.60605	1.75151	1
cg22881976	SHANK1	0.122989	0.774238	0.893317	-1.11942	0.0234895	0.34594	-2.89067	0.320739	0.668683	-1.49548	0.676715	0.848331	-1.17879	0.503837	0.766362	-1.30487	0.0911643	0.481977	-2.07479	0.0428148	2.49563	2.49563	0.880022	0.942471	-1.06104	0.427451	1.37414	1.37414	2.33754	5.69673	2.16628	1
cg12200809	RPL39L	0.122989	0.746938	0.956238	-1.04577	0.986311	0.997632	-1.00237	0.953004	1.00818	1.00818	0.175171	0.819317	-1.22053	0.00706321	1.61802	1.61802	0.241144	0.844008	-1.18482	0.377784	1.13324	1.13324	0.903713	0.983412	-1.01687	0.242395	1.18424	1.18424	2.33753	0.707233	0.268938	1
cg20841191	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.122992	0.324363	0.612866	-1.63168	0.163495	2.04499	2.04499	0.131439	2.18886	2.18886	0.230124	1.83249	1.83249	0.0763966	0.387396	-2.58134	0.178887	0.50311	-1.98764	0.0561544	0.353274	-2.83066	0.853504	0.914919	-1.09299	0.87064	0.924594	-1.08156	2.3375	8.56717	3.25786	1
cg07052513	KDM3A;KDM3A;KDM3A	0.122995	0.171671	1.28542	1.28542	0.502985	0.889324	-1.12445	0.612772	1.09206	1.09206	0.055123	1.4553	1.4553	0.0557053	1.45366	1.45366	0.673624	1.07583	1.07583	0.058652	0.691729	-1.44565	0.692097	0.933624	-1.0711	0.186401	1.27342	1.27342	2.33748	1.10227	0.419166	1
cg02720155	BTNL3;BTNL3	0.122995	0.0633701	0.21436	-4.66504	0.31991	2.13437	2.13437	0.141465	0.311503	-3.21024	0.0724057	0.227899	-4.3879	0.100652	0.265409	-3.76777	0.217251	0.383811	-2.60545	0.167961	0.338252	-2.95638	0.0269565	0.144799	-6.90614	0.762116	0.799356	-1.25101	2.33748	20.1442	7.66037	1
cg22443490	LRRC28	0.122996	0.0139784	0.324215	-3.08437	0.417347	1.3601	1.3601	0.965652	0.984148	-1.01611	0.819665	0.918757	-1.08843	0.113634	0.527945	-1.89414	0.528923	1.26707	1.26707	0.910946	0.959334	-1.04239	0.0730997	0.476298	-2.09953	0.235743	1.58578	1.58578	2.33748	5.09746	1.93845	1
cg26701409	MTG1	0.122996	0.993263	1.00157	1.00157	0.318838	0.82577	-1.21099	0.397567	1.17464	1.17464	0.666575	0.922612	-1.08388	0.651658	0.919019	-1.08812	0.17563	1.30683	1.30683	0.00532665	1.9783	1.9783	0.260931	1.24342	1.24342	0.41129	1.16896	1.16896	2.33747	1.27827	0.486097	1
cg27020569	LEF1;LEF1;LEF1;LEF1	0.122998	0.387295	0.844765	-1.18376	0.852001	1.03619	1.03619	0.134938	0.735801	-1.35906	0.190368	1.30213	1.30213	0.0661556	0.675461	-1.48047	0.434384	0.859123	-1.16398	0.900849	0.976551	-1.02401	0.141527	0.740116	-1.35114	0.0145463	0.563839	-1.77355	2.33746	1.34162	0.510192	1
cg14935315	CCT6A;CCT6A	0.123	0.456592	0.818171	-1.22224	0.208161	0.703812	-1.42083	0.0296544	0.50783	-1.96916	0.0375348	1.8941	1.8941	0.762931	0.923049	-1.08337	0.954019	1.01538	1.01538	0.902788	0.968175	-1.03287	0.210891	1.41754	1.41754	0.230289	0.716678	-1.39533	2.33744	2.5936	0.986304	1
cg08011335	NECAB2	0.123	0.502247	0.769839	-1.29897	0.0548518	0.433247	-2.30815	0.909683	0.957347	-1.04455	0.180148	1.72762	1.72762	0.03436	0.387482	-2.58076	0.416161	0.726716	-1.37605	0.0354127	0.390288	-2.56221	0.170951	0.571205	-1.75069	0.377923	0.706444	-1.41554	2.33744	5.46227	2.07721	1
cg18147605	IFFO1;IFFO1	0.123003	0.568578	0.821973	-1.21658	0.0449045	0.456989	-2.18824	0.131537	1.73995	1.73995	0.135855	1.72771	1.72771	0.856705	0.940359	-1.06342	0.535335	0.807698	-1.23809	0.0665363	0.496597	-2.0137	0.489816	0.787679	-1.26955	0.187351	1.60867	1.60867	2.33741	4.28474	1.62943	1
cg07240557	STK38L	0.123006	0.105643	0.472499	-2.11641	0.0337678	2.86175	2.86175	0.0961417	2.1705	2.1705	0.436762	0.714279	-1.40001	0.168568	0.536736	-1.86311	0.354147	1.49828	1.49828	0.595305	1.2553	1.2553	0.576038	0.786935	-1.27075	0.360414	0.671132	-1.49002	2.33739	6.65932	2.53248	1
cg05790551	SLC22A23;SLC22A23	0.123007	0.982294	1.00833	1.00833	0.0110996	3.28597	3.28597	0.0304093	2.58723	2.58723	0.817303	0.917177	-1.0903	0.4085	1.37142	1.37142	0.967298	1.01543	1.01543	0.0520343	2.28369	2.28369	0.895006	1.05057	1.05057	0.585166	1.22867	1.22867	2.33738	5.16725	1.96507	1
cg01969115	TPPP	0.123009	0.181757	1.27066	1.27066	0.187524	1.26622	1.26622	0.87687	1.02655	1.02655	0.226497	1.23936	1.23936	0.442282	1.14156	1.14156	0.180143	0.786209	-1.27193	0.00770362	1.78351	1.78351	0.183187	1.26954	1.26954	0.532724	1.11269	1.11269	2.33736	1.05712	0.402019	1
cg18654464	MIR1227;PLEKHJ1	0.123009	0.244299	0.775024	-1.29028	0.980309	1.00518	1.00518	0.133919	0.713043	-1.40244	0.652722	0.909579	-1.09941	0.285815	1.26104	1.26104	0.0136615	0.528252	-1.89304	0.205726	0.756308	-1.32221	0.241935	0.77394	-1.29209	0.044908	0.617795	-1.61866	2.33736	1.62059	0.616304	1
cg08468965	RECQL4	0.123011	0.384698	0.689853	-1.44958	0.0125049	0.27408	-3.64857	0.0967294	0.467877	-2.13731	0.540334	0.772417	-1.29464	0.0217818	0.317573	-3.14888	0.755311	0.877894	-1.13909	0.0746251	0.437227	-2.28714	0.794107	0.896771	-1.11511	0.353781	0.672041	-1.48801	2.33735	6.42403	2.44305	1
cg00078299	ZHX1;ZHX1	0.123012	0.047855	0.289757	-3.45116	0.0652086	0.321924	-3.10632	0.445233	0.653053	-1.53127	0.604414	0.751139	-1.33131	0.0995958	0.372221	-2.68658	0.247954	0.516154	-1.93741	0.0203462	0.216271	-4.62383	0.0335004	0.256638	-3.89654	0.221433	0.494733	-2.02129	2.33734	11.0984	4.22071	1
cg09638407	CHST2;CHST2	0.123012	0.328849	0.868326	-1.15164	0.437048	1.11748	1.11748	0.0661166	1.33483	1.33483	0.142602	0.801884	-1.24706	0.85335	0.97441	-1.02626	0.443801	1.11559	1.11559	0.0657782	0.748826	-1.33542	0.205926	1.20554	1.20554	0.116452	1.26996	1.26996	2.33733	0.726573	0.276316	1
cg06126593	LYRM1;DCUN1D3	0.123013	0.226003	0.645139	-1.55005	0.610749	1.19359	1.19359	0.871663	0.94579	-1.05732	0.990656	0.995971	-1.00405	0.00935391	0.321034	-3.11493	0.270261	0.673186	-1.48547	0.146553	0.584378	-1.71122	0.0842633	0.517655	-1.93179	0.326085	1.41841	1.41841	2.33732	4.39936	1.67309	1
cg13532421	FAM69B	0.123014	0.0216645	0.642182	-1.55719	0.0547855	0.704735	-1.41897	0.714705	0.942728	-1.06075	0.577575	0.913582	-1.09459	0.0486536	0.69644	-1.43587	0.447849	1.13232	1.13232	0.411764	1.14433	1.14433	0.51764	0.899987	-1.11113	0.148851	0.779802	-1.28238	2.33732	0.955314	0.363308	1
cg20758834	ANK2;ANK2;ANK2	0.123014	0.835894	0.928101	-1.07747	0.134336	0.559479	-1.78738	0.831895	0.926385	-1.07946	0.835497	1.07767	1.07767	0.745587	0.889486	-1.12424	0.00775852	0.292315	-3.42096	0.0510635	0.449648	-2.22396	0.947872	1.0238	1.0238	0.0936568	0.515206	-1.94097	2.33732	4.78998	1.82165	1
cg17131262	HUNK	0.123015	0.0779993	0.494144	-2.0237	0.564727	1.23312	1.23312	0.545345	1.24647	1.24647	0.705136	0.872108	-1.14665	0.11162	0.535941	-1.86588	0.414767	0.74076	-1.34996	0.019543	0.362111	-2.76158	0.0360663	0.415781	-2.40511	0.327173	0.694819	-1.43922	2.33731	4.79651	1.82414	1
cg19478371	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.123017	0.586972	1.44029	1.44029	0.00543767	11.3911	11.3911	0.0404642	4.82635	4.82635	0.270384	2.14544	2.14544	0.527171	1.53137	1.53137	0.299541	2.04449	2.04449	0.10771	3.2143	3.2143	0.2098	2.40889	2.40889	0.42688	1.71536	1.71536	2.33729	16.378	6.22868	1
cg09295416	TUSC4;CYB561D2;TUSC4	0.123019	0.606209	1.14521	1.14521	0.952366	1.0157	1.0157	0.579308	1.15722	1.15722	0.432111	1.23251	1.23251	0.471776	1.21029	1.21029	0.432203	1.23246	1.23246	0.00713605	0.40412	-2.47451	0.128853	0.651844	-1.53411	0.430348	1.23354	1.23354	2.33728	2.51687	0.957192	1
cg09992204	IGF1R	0.123022	0.373785	1.46716	1.46716	0.0145081	3.54117	3.54117	0.0180795	3.33863	3.33863	0.745862	0.872371	-1.1463	0.810285	0.903954	-1.10625	0.163751	1.86632	1.86632	0.371537	1.46996	1.46996	0.59971	0.800636	-1.24901	0.695853	1.17934	1.17934	2.33725	6.52569	2.48181	1
cg17739841	TMEM90B	0.123022	0.554155	0.926758	-1.07903	0.349973	1.13009	1.13009	0.571925	0.929969	-1.0753	0.263424	0.862261	-1.15974	0.914015	0.986364	-1.01382	0.00627128	0.63592	-1.57252	0.138843	0.816668	-1.22449	0.444506	1.10416	1.10416	0.502108	1.09045	1.09045	2.33725	0.598133	0.227478	1
cg05022028	CECR5;CECR5	0.123022	0.107868	0.582295	-1.71734	0.355536	0.746068	-1.34036	0.370904	1.32737	1.32737	0.244355	0.687012	-1.45558	0.222284	0.673442	-1.48491	0.532036	0.822752	-1.21543	0.014781	0.396697	-2.52082	0.199021	1.51939	1.51939	0.166111	0.634336	-1.57645	2.33725	3.51687	1.33752	1
cg07337480	KRT37	0.123024	0.787098	0.841965	-1.1877	0.816513	0.862698	-1.15915	0.0243132	0.181641	-5.50536	0.850592	1.1273	1.1273	0.0297513	0.196829	-5.08055	0.264732	2.09303	2.09303	0.0466129	0.235063	-4.25417	0.816511	0.862697	-1.15916	0.491689	0.641602	-1.5586	2.33723	14.9462	5.68429	1
cg17165303	AGRN	0.123025	0.693636	0.886287	-1.1283	0.0162827	0.408304	-2.44915	0.477352	1.24643	1.24643	0.0247385	0.442577	-2.25949	0.0519883	0.509622	-1.96224	0.749663	0.907005	-1.10253	0.934152	1.02552	1.02552	0.610742	0.855116	-1.16943	0.460327	0.795179	-1.25758	2.33722	3.44117	1.30874	1
cg11313708	RPS9	0.123025	0.180233	0.626456	-1.59628	0.516183	1.24153	1.24153	0.51114	0.8033	-1.24486	0.9079	1.03877	1.03877	0.280412	0.691605	-1.44591	0.65194	0.861373	-1.16094	0.0101859	0.344777	-2.90042	0.0888927	1.85278	1.85278	0.360573	0.734255	-1.36192	2.33722	3.99805	1.52053	1
cg11126769	MGAT5B;MGAT5B	0.123029	0.0326883	0.471846	-2.11934	0.0142224	0.402969	-2.48158	0.13942	0.620018	-1.61286	0.535939	1.20728	1.20728	0.270837	0.708547	-1.41134	0.592536	1.17627	1.17627	0.634597	1.15476	1.15476	0.815692	0.932235	-1.07269	0.331961	0.740223	-1.35094	2.33719	3.34322	1.27151	1
cg26002008	LPCAT1	0.12303	0.119219	0.517129	-1.93375	0.496832	0.764096	-1.30874	0.0246482	0.352189	-2.83939	0.249691	0.625507	-1.5987	0.0500316	0.418301	-2.39062	0.0450633	0.40784	-2.45194	0.636998	1.20369	1.20369	0.817785	1.09418	1.09418	0.108337	0.505004	-1.98018	2.33718	5.6305	2.14142	1
cg05264148	TTYH2;MGC16275	0.123031	0.104009	0.266464	-3.75285	0.184769	2.84779	2.84779	0.25268	2.43258	2.43258	0.234045	2.52991	2.52991	0.923647	1.07393	1.07393	0.11377	3.59739	3.59739	0.0228551	7.58484	7.58484	0.159513	3.06009	3.06009	0.624415	0.692713	-1.4436	2.33717	20.4909	7.79324	1
cg25255854	IRF2	0.123031	0.0381733	0.265053	-3.77283	0.0832747	2.88528	2.88528	0.666866	0.78716	-1.27039	0.487313	0.677058	-1.47698	0.946204	0.963395	-1.038	0.22834	0.497213	-2.01121	0.316965	0.56456	-1.77129	0.0521626	3.3894	3.3894	0.519372	0.697005	-1.43471	2.33717	11.3049	4.29956	1
cg22723001	KIAA1026;KIAA1026	0.123033	0.240097	0.428083	-2.336	0.00546408	0.0804109	-12.4361	0.0775456	0.258377	-3.87031	0.905106	0.921029	-1.08574	0.139467	0.333879	-2.99509	0.121784	0.314439	-3.18026	0.464909	0.59868	-1.67034	0.88812	0.907468	-1.10197	0.996387	1.00313	1.00313	2.33716	17.6118	6.69827	1
cg08672537	KLF10;KLF10	0.123033	0.501723	1.24085	1.24085	0.425855	0.773088	-1.29351	0.327174	0.726044	-1.37733	0.181591	0.638375	-1.56648	0.0510734	0.494982	-2.02027	0.719965	0.89231	-1.12069	0.00801849	0.341208	-2.93076	0.572891	0.835009	-1.19759	0.0962524	0.560979	-1.7826	2.33716	3.70801	1.41026	1
cg25893458	RYR3	0.123033	0.249316	0.718513	-1.39176	0.0068041	0.381857	-2.61878	0.317748	0.753119	-1.32781	0.708018	1.10881	1.10881	0.544369	0.844969	-1.18348	0.937325	0.97864	-1.02183	0.970764	1.01011	1.01011	0.0283242	0.491289	-2.03546	0.865534	0.954535	-1.04763	2.33715	2.79009	1.06115	1
cg26334195	KDELC1	0.123035	0.00475188	0.61496	-1.62612	0.144952	0.816285	-1.22506	0.128684	0.808214	-1.2373	0.242986	0.85348	-1.17167	0.390423	0.892153	-1.12088	0.0598898	0.759353	-1.31691	0.508077	0.916616	-1.09097	0.417726	0.898179	-1.11336	0.283713	0.865523	-1.15537	2.33713	0.622408	0.236722	1
cg02312170	WDR11;WDR11	0.123038	0.108316	0.708868	-1.4107	0.414134	1.17818	1.17818	0.390429	1.18869	1.18869	0.74153	0.937057	-1.06717	0.986157	0.996598	-1.00341	0.03707	0.621568	-1.60883	0.0432774	0.633427	-1.57871	0.128594	0.724255	-1.38073	0.328539	1.21906	1.21906	2.33711	1.42799	0.543115	1
cg00040861	LSM7;SPPL2B;SPPL2B	0.123043	0.00368347	0.380305	-2.62946	0.627326	0.886485	-1.12805	0.614385	1.13328	1.13328	0.491183	0.841803	-1.18793	0.329991	0.780693	-1.28091	0.692861	1.10271	1.10271	0.575307	0.869876	-1.14959	0.76166	0.92782	-1.0778	0.292789	1.30838	1.30838	2.33707	2.24502	0.853879	1
cg20136959	CDADC1	0.123045	0.261347	0.837155	-1.19452	0.0487842	1.40702	1.40702	0.28077	0.843564	-1.18545	0.0340463	0.687016	-1.45557	0.712521	0.945388	-1.05777	0.611106	0.925135	-1.08092	0.0480542	0.709712	-1.40902	0.698491	0.942645	-1.06085	0.730986	1.05377	1.05377	2.33705	0.852279	0.324162	1
cg27310255	OLA1;OLA1	0.123045	0.218957	0.745184	-1.34195	0.832143	1.04947	1.04947	0.24855	0.760027	-1.31574	0.91013	1.02602	1.02602	0.0193857	0.525634	-1.90246	0.856259	1.04211	1.04211	0.220039	1.34093	1.34093	0.717804	1.08607	1.08607	0.029154	0.55721	-1.79466	2.33705	1.91562	0.728599	1
cg04613791	FKBP1A;FKBP1A	0.123048	0.0901378	0.749357	-1.33448	0.580904	1.08996	1.08996	0.320301	1.17193	1.17193	0.101771	0.758261	-1.31881	0.589124	0.91921	-1.08789	0.534453	0.907379	-1.10208	0.686671	0.939275	-1.06465	0.730112	0.947906	-1.05496	0.0155573	1.58146	1.58146	2.33702	0.883378	0.335994	1
cg27603495	HSF5	0.123049	0.611768	0.704919	-1.4186	0.455943	1.67991	1.67991	0.185842	0.38354	-2.60729	0.963755	0.969433	-1.03153	0.0625983	0.238942	-4.18511	0.497576	0.624714	-1.60073	0.00540146	0.0819396	-12.2041	0.672865	0.748172	-1.33659	0.295656	0.4767	-2.09776	2.33702	17.2745	6.57039	1
cg06769918	PHACTR1	0.123049	0.186326	1.60899	1.60899	0.398704	1.34086	1.34086	0.0255716	2.46086	2.46086	0.0542817	2.0989	2.0989	0.24007	1.51828	1.51828	0.946007	1.02326	1.02326	0.0537014	2.10366	2.10366	0.345967	1.39024	1.39024	0.0235544	2.50432	2.50432	2.33702	4.26537	1.62234	1
cg22807576	LMOD3	0.12305	0.430147	0.780399	-1.2814	0.0874004	0.559327	-1.78786	0.352494	0.744844	-1.34256	0.901591	0.962628	-1.03882	0.0453397	0.493186	-2.02763	0.113968	0.588936	-1.69798	0.0212613	0.426354	-2.34547	0.298777	0.717778	-1.39319	0.0267968	0.445871	-2.2428	2.33701	3.50881	1.33459	1
cg05370861	BAG4;LSM1;BAG4	0.12305	0.518631	0.869322	-1.15032	0.0148978	1.89817	1.89817	0.0380024	1.67333	1.67333	0.800106	1.0558	1.0558	0.232719	0.765046	-1.30711	0.348072	0.813216	-1.22969	0.434419	1.18612	1.18612	0.821027	1.04969	1.04969	0.49908	1.15818	1.15818	2.33701	1.69529	0.64481	1
cg23977631	LONRF2;LONRF2	0.123051	0.882501	1.06919	1.06919	0.036054	0.331882	-3.01312	0.216093	1.80198	1.80198	0.0531529	0.370132	-2.70174	0.866126	1.07931	1.07931	0.0781314	0.412546	-2.42397	0.423258	0.690738	-1.44773	0.590497	1.27857	1.27857	0.258371	1.70487	1.70487	2.337	7.57419	2.88088	1
cg06089463	C4orf31	0.123052	0.675099	0.856187	-1.16797	0.510271	0.781936	-1.27888	0.0899371	0.502371	-1.99056	0.0448289	0.428199	-2.33536	0.420267	0.738396	-1.35429	0.219021	0.621196	-1.6098	0.00640999	0.270844	-3.69216	0.125729	0.543208	-1.84092	0.448891	0.752593	-1.32874	2.33699	5.02091	1.90973	1
cg04441987	CDC25B;CDC25B;CDC25B	0.123054	0.0298112	0.363863	-2.74828	0.177867	0.567708	-1.76147	0.0798799	2.15646	2.15646	0.901201	0.952077	-1.05034	0.235404	0.611573	-1.63513	0.877838	1.06271	1.06271	0.206671	0.59059	-1.69322	0.13663	1.88528	1.88528	0.954023	0.977459	-1.02306	2.33698	5.78709	2.20117	1
cg07546102	MLL3	0.123056	0.256622	1.19592	1.19592	0.669337	0.937147	-1.06707	0.109466	1.30174	1.30174	0.424745	1.13108	1.13108	0.0813953	1.33895	1.33895	0.00754188	1.68117	1.68117	0.318682	1.16851	1.16851	0.452766	0.89085	-1.12252	0.593101	1.08491	1.08491	2.33695	0.845092	0.321441	1
cg26357017	PABPN1;PABPN1	0.123057	0.432548	0.879343	-1.13721	0.982901	1.00345	1.00345	0.219783	1.23016	1.23016	0.55526	1.10052	1.10052	0.222044	1.22879	1.22879	0.145468	1.28523	1.28523	0.0688404	0.72116	-1.38665	0.860867	1.02856	1.02856	0.0182066	1.58443	1.58443	2.33695	0.953857	0.362812	1
cg07636295	SCRT2;SCRT2	0.123058	0.408105	0.879177	-1.13743	0.243526	1.20407	1.20407	0.3362	1.16289	1.16289	0.427177	1.13131	1.13131	0.0381763	0.693747	-1.44145	0.681336	0.939097	-1.06485	0.0422945	0.700501	-1.42755	0.134506	1.27835	1.27835	0.800115	0.962125	-1.03937	2.33694	0.857205	0.326051	1
cg21368161	TMEM184A	0.12306	0.823434	1.13204	1.13204	0.00817546	6.54187	6.54187	0.0871155	2.853	2.853	0.883756	0.922019	-1.08458	0.832939	0.889389	-1.12437	0.946858	0.963684	-1.03768	0.386132	0.610768	-1.63728	0.0715106	3.05527	3.05527	0.906629	1.06728	1.06728	2.33692	11.3985	4.3356	1
cg10987926	SSU72	0.123061	0.0735652	0.0836824	-11.9499	0.27454	4.11151	4.11151	0.942906	1.09316	1.09316	0.668799	0.585575	-1.70772	0.0394666	0.0517098	-19.3387	0.165676	0.159053	-6.2872	0.0219548	0.032781	-30.5055	0.437854	0.373773	-2.67542	0.205759	0.190158	-5.25877	2.33692	57.2347	21.7703	1
cg08979686	ZNF335	0.123063	0.275175	0.869189	-1.1505	0.0437575	0.751089	-1.3314	0.196579	0.84484	-1.18366	0.742963	0.960178	-1.04147	0.543851	1.07882	1.07882	0.630906	0.941973	-1.0616	0.0103001	0.670841	-1.49067	0.410064	1.10964	1.10964	0.717474	1.04589	1.04589	2.33689	0.564399	0.214682	1
cg17785773	BHMT	0.123067	0.109476	4.3282	4.3282	0.0583521	6.02543	6.02543	0.127188	3.99458	3.99458	0.180837	3.2967	3.2967	0.0964419	4.62934	4.62934	0.305173	2.43876	2.43876	0.0245107	9.48303	9.48303	0.0479305	6.6764	6.6764	0.0582916	6.02869	6.02869	2.33686	26.0894	9.92381	1
cg20419110	C6orf154	0.12307	0.463749	0.768006	-1.30207	0.0350605	2.3849	2.3849	0.269079	1.50289	1.50289	0.954272	0.979907	-1.0205	0.267856	0.664634	-1.50459	0.303941	0.686018	-1.45769	0.100157	0.528569	-1.8919	0.555043	0.809526	-1.23529	0.0790826	1.9939	1.9939	2.33684	4.63657	1.76366	1
cg12377712	ATP6V1G1;ATP6V1G1	0.123071	0.0101195	0.636867	-1.57019	0.72312	1.05072	1.05072	0.118037	0.789758	-1.26621	0.230629	1.19111	1.19111	0.972534	1.0048	1.0048	0.676745	1.06004	1.06004	0.389386	0.884558	-1.13051	0.19499	1.21002	1.21002	0.779261	1.03985	1.03985	2.33683	0.715775	0.272268	1
cg05355142	TMEM52	0.123071	0.0197138	0.370717	-2.69748	0.0618937	0.47675	-2.09753	0.526568	0.797662	-1.25366	0.20249	0.62246	-1.60653	0.0126912	0.335764	-2.97828	0.195352	0.617218	-1.62017	0.211775	0.629105	-1.58956	0.363048	0.719384	-1.39008	0.571007	0.817317	-1.22352	2.33683	4.59423	1.74756	1
cg04135498	STXBP5L	0.123072	0.0311897	0.277122	-3.60852	0.929553	1.0459	1.0459	0.881717	1.07849	1.07849	0.957509	0.973321	-1.02741	0.0726638	0.361908	-2.76314	0.462517	0.684152	-1.46166	0.0114345	0.200628	-4.98436	0.166778	0.47324	-2.11309	0.334158	0.603179	-1.65788	2.33682	9.53327	3.6263	1
cg05487803	REV3L	0.123076	0.0592608	0.678037	-1.47485	0.0290507	0.625347	-1.59911	0.443789	0.867224	-1.1531	0.05345	1.4922	1.4922	0.782655	1.05175	1.05175	0.881353	1.02763	1.02763	0.453681	1.14943	1.14943	0.64982	1.08697	1.08697	0.545667	1.11805	1.11805	2.33678	1.23211	0.468684	1
cg13547889	NOTCH1	0.123079	0.507449	0.756959	-1.32108	0.688228	1.18178	1.18178	0.203952	0.573979	-1.74222	0.847952	0.923595	-1.08273	0.0200631	0.312976	-3.19514	0.833842	1.09088	1.09088	0.675475	1.19046	1.19046	0.0239833	3.0498	3.0498	0.822314	1.09761	1.09761	2.33676	6.34547	2.41378	1
cg18954371	ALG5;EXOSC8;ALG5	0.123082	0.0382509	0.263194	-3.79948	0.616942	1.32355	1.32355	0.960241	0.97267	-1.0281	0.898107	1.07381	1.07381	0.319311	0.564354	-1.77194	?	?	?	0.0328605	0.249719	-4.0045	?	?	?	0.204076	2.10651	2.10651	2.38645	9.08309	4.34983	1
cg07513188	LOC100130691;AGPS	0.123082	0.355511	2.86725	2.86725	0.017085	0.0264137	-37.8592	0.62643	0.58488	-1.70975	0.116461	7.11654	7.11654	0.600507	0.560906	-1.78283	0.216944	4.31403	4.31403	?	?	?	0.388698	0.376564	-2.65559	0.781721	0.738856	-1.35344	2.96738	45.3709	9.55619	1
cg11570233	IRF6	0.123087	0.194442	1.72331	1.72331	0.113878	0.505618	-1.97778	0.0120558	0.289015	-3.46003	0.951912	0.976372	-1.0242	0.58012	1.24801	1.24801	0.346607	1.46855	1.46855	0.212533	1.68302	1.68302	0.781136	0.895448	-1.11676	0.748481	1.13604	1.13604	2.33669	5.81769	2.21308	1
cg03953980	DECR2	0.123089	0.109	0.523083	-1.91174	0.00607055	0.264892	-3.77512	0.235471	0.630667	-1.58562	0.901893	1.04678	1.04678	0.223483	0.622388	-1.60671	0.742228	0.884823	-1.13017	0.630967	0.835735	-1.19655	0.492062	1.29525	1.29525	0.114975	0.529696	-1.88788	2.33667	5.08698	1.93513	1
cg00128197	HSD17B10;HSD17B10	0.123093	0.145194	0.230995	-4.3291	0.0168597	0.0651424	-15.351	0.541843	0.560766	-1.78328	0.0587895	7.38481	7.38481	0.925757	0.916396	-1.09123	0.130143	0.216236	-4.62457	0.808035	0.796113	-1.2561	0.974546	1.03034	1.03034	0.629326	1.5771	1.5771	2.33664	32.4723	12.3529	1
cg25009862	SQSTM1;MGAT4B;MGAT4B;SQSTM1	0.123094	0.688767	1.06416	1.06416	0.463476	1.12217	1.12217	0.0159962	1.577	1.577	0.837538	1.03222	1.03222	0.775422	0.956781	-1.04517	0.383324	0.871028	-1.14807	0.0284692	0.670753	-1.49086	0.394202	0.873893	-1.1443	0.994596	1.00105	1.00105	2.33663	0.882895	0.335866	1
cg11453347	UROS;BCCIP;BCCIP;BCCIP	0.123095	0.412902	0.920542	-1.08632	0.112236	0.842798	-1.18652	0.0417631	0.792861	-1.26125	0.480809	0.931578	-1.07345	0.125155	0.848605	-1.17841	0.466033	1.07613	1.07613	0.0296876	0.776373	-1.28804	0.942916	1.00711	1.00711	0.231979	1.13199	1.13199	2.33662	0.361984	0.137705	1
cg26003386	RFX1	0.123096	0.635458	1.08205	1.08205	0.122163	1.31871	1.31871	0.030661	1.52092	1.52092	0.758498	0.950349	-1.05225	0.27173	1.20797	1.20797	0.0894965	0.734057	-1.36229	0.130104	0.763379	-1.30997	0.47813	1.12647	1.12647	0.514965	0.8967	-1.1152	2.33662	1.00918	0.383909	1
cg23232615	ZEB1;LOC220930;ZEB1;ZEB1;ZEB1	0.123097	0.290084	0.832572	-1.2011	0.0577998	0.699098	-1.43041	0.662394	0.929307	-1.07607	0.192527	1.25882	1.25882	0.0284179	0.64943	-1.53981	0.947592	1.01103	1.01103	0.374396	0.858856	-1.16434	0.0720186	0.715252	-1.39811	0.359241	1.17036	1.17036	2.3366	1.0306	0.392062	1
cg20598650	TP53RK;SLC13A3	0.123098	0.0372261	4.24284	4.24284	0.200015	2.24577	2.24577	0.204185	2.22729	2.22729	0.0540844	3.69349	3.69349	0.247696	0.485656	-2.05907	0.05604	3.64511	3.64511	0.257331	2.02681	2.02681	0.834664	0.88258	-1.13304	0.149919	2.51551	2.51551	2.33659	13.2167	5.0279	1
cg19110755	LOC145814;LOC145814	0.123103	0.401705	0.590191	-1.69437	0.519395	0.669474	-1.49371	0.0681259	0.285067	-3.50794	0.543005	1.45976	1.45976	0.00540444	0.105438	-9.48428	0.120704	0.35559	-2.81223	0.598198	0.721281	-1.38642	0.50118	0.657412	-1.52112	0.252914	0.480152	-2.08267	2.33656	13.9681	5.31384	1
cg08704217	CYB561D1;CYB561D1;CYB561D1;CYB561D1;CYB561D1	0.123105	0.557244	0.766234	-1.30508	0.421283	1.44558	1.44558	0.0915097	2.3014	2.3014	0.0658209	0.396168	-2.52418	0.729751	1.16831	1.16831	?	?	?	0.100575	0.446271	-2.24079	0.176356	1.90552	1.90552	0.192273	1.85721	1.85721	2.35881	6.68145	2.83255	1
cg00610844	LOC255167;LOC255167	0.123105	0.905003	1.07664	1.07664	0.060364	0.269799	-3.70646	0.306345	1.92526	1.92526	0.240099	2.13998	2.13998	0.247841	0.473653	-2.11125	0.784452	1.18481	1.18481	0.0401969	4.33311	4.33311	0.0739636	3.42744	3.42744	0.42415	1.6568	1.6568	2.33653	14.1576	5.38597	1
cg16339185	SGOL1;SGOL1;SGOL1;SGOL1;SGOL1;SGOL1	0.123105	0.310099	0.789416	-1.26676	0.154952	1.40873	1.40873	0.0501678	1.65322	1.65322	0.330204	1.25384	1.25384	0.889872	1.03168	1.03168	0.766425	1.06937	1.06937	0.504747	0.858656	-1.16461	0.0330058	0.570458	-1.75298	0.194038	1.36254	1.36254	2.33653	1.87566	0.713561	1
cg08274057	C3orf49	0.123106	0.647245	1.11756	1.11756	0.219684	0.732444	-1.36529	0.444096	0.828425	-1.20711	0.0860073	0.63274	-1.58043	0.247797	0.747141	-1.33844	0.89621	1.03199	1.03199	0.0111073	2.15566	2.15566	0.608345	0.882767	-1.1328	0.773256	0.932679	-1.07218	2.33653	2.15384	0.819387	1
cg10673544	CADPS2;CADPS2;CADPS2	0.123107	0.398751	0.872857	-1.14566	0.816355	0.964046	-1.03729	0.609436	0.9221	-1.08448	0.644926	0.929566	-1.07577	0.162218	1.26476	1.26476	0.345365	1.16529	1.16529	0.00472537	1.80536	1.80536	0.774208	0.955736	-1.04631	0.68573	1.06613	1.06613	2.33652	0.916795	0.348779	1
cg07036561	JMJD7;MAPKBP1;MAPKBP1;JMJD7-PLA2G4B;JMJD7-PLA2G4B	0.123111	0.038045	0.406615	-2.45933	0.0508726	0.435024	-2.29873	0.340413	0.692358	-1.44434	0.251696	0.638836	-1.56535	0.0213065	0.35502	-2.81674	0.581139	0.81178	-1.23186	0.0364359	0.402545	-2.48419	0.814758	0.915921	-1.0918	0.19773	0.600812	-1.66442	2.33648	5.18178	1.97135	1
cg11713493	PLD6	0.123114	0.0324253	0.178946	-5.58829	0.2883	0.468868	-2.1328	0.315291	0.489962	-2.04098	0.7045	0.769666	-1.29927	0.412561	0.562358	-1.77823	0.0697606	0.248225	-4.0286	0.0634679	0.238386	-4.19488	0.0182598	0.139666	-7.15993	0.076479	0.258205	-3.87289	2.33646	17.4694	6.64612	1
cg26203883	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.123115	0.0030974	0.41524	-2.40825	0.357567	1.22809	1.22809	0.926891	1.02013	1.02013	0.808275	1.05421	1.05421	0.939769	1.01655	1.01655	0.61659	1.11586	1.11586	0.996825	1.00086	1.00086	0.604562	1.12013	1.12013	0.871419	1.0358	1.0358	2.33645	1.74498	0.663867	1
cg14018412	NCRNA00164	0.123115	0.187601	0.666651	-1.50003	0.0163547	0.426471	-2.34482	0.0138664	0.4136	-2.4178	0.306556	0.735382	-1.35984	0.0977642	0.590097	-1.69464	0.410028	0.782993	-1.27715	0.807814	0.931684	-1.07332	0.365726	0.763503	-1.30975	0.133354	0.624913	-1.60022	2.33645	3.11976	1.1869	1
cg12127719	NAT14;ZNF628	0.123116	0.730442	0.906798	-1.10278	0.0127522	2.39969	2.39969	0.0427707	1.93416	1.93416	0.357196	1.30716	1.30716	0.077475	1.74221	1.74221	0.73238	0.907467	-1.10197	0.598074	1.1624	1.1624	0.772322	1.08553	1.08553	0.0984465	1.66968	1.66968	2.33644	2.96098	1.12649	1
cg11464842	CNNM4	0.123116	0.825223	1.07545	1.07545	0.015492	2.65543	2.65543	0.290618	1.43429	1.43429	0.206828	1.54935	1.54935	0.365587	1.3576	1.3576	0.152543	1.65522	1.65522	0.5562	0.822219	-1.21622	0.953351	0.980945	-1.01943	0.0729025	0.517931	-1.93076	2.33644	4.00217	1.52261	1
cg04774505	NRL	0.123117	0.49557	0.782188	-1.27847	0.0140226	2.93558	2.93558	0.0152857	2.87858	2.87858	0.235833	1.55432	1.55432	0.995887	1.00183	1.00183	0.329953	1.42891	1.42891	0.871596	0.944191	-1.05911	0.458196	1.30758	1.30758	0.653532	1.17398	1.17398	2.33643	4.66389	1.77436	1
cg15910001	TMEFF2	0.123121	0.034894	0.613329	-1.63045	0.621257	1.10409	1.10409	0.155144	1.35323	1.35323	0.103734	1.42442	1.42442	0.10979	0.707073	-1.41428	0.854632	1.03714	1.03714	0.375964	1.19801	1.19801	0.933878	1.01664	1.01664	0.148631	1.36075	1.36075	2.3364	1.46295	0.556584	1
cg16124977	C17orf101;C17orf101	0.123122	0.290657	0.662323	-1.50984	0.0190865	0.344433	-2.90332	0.568535	0.80531	-1.24176	0.2241	0.618892	-1.61579	0.0127752	0.312806	-3.19687	0.303158	0.669841	-1.49289	0.123042	0.533815	-1.87331	0.079971	0.481959	-2.07487	0.649687	0.84215	-1.18744	2.33639	5.22323	1.9872	1
cg10042293	DAGLA	0.123124	0.882443	1.03132	1.03132	0.276638	0.789936	-1.26592	0.733452	0.931247	-1.07383	0.318016	0.806476	-1.23996	0.859671	1.03757	1.03757	0.173039	1.35276	1.35276	0.0129207	1.90234	1.90234	0.932019	1.01794	1.01794	0.0843621	0.67175	-1.48865	2.33637	1.60689	0.611351	1
cg14505704	CDH6	0.123125	0.224005	1.19681	1.19681	0.39505	0.884697	-1.13033	0.533677	1.09271	1.09271	0.138828	0.799247	-1.25118	0.445572	1.11557	1.11557	0.626649	1.07138	1.07138	0.974204	0.995463	-1.00456	0.846756	1.02759	1.02759	0.006302	1.64937	1.64937	2.33637	0.731938	0.278472	1
cg13168042	SGCG;SGCG	0.123125	0.181893	0.41205	-2.42689	0.874762	1.10373	1.10373	0.261383	0.480531	-2.08103	0.0483142	0.243702	-4.10337	0.0156143	0.156463	-6.39128	0.0704519	0.282217	-3.54337	0.176124	0.406599	-2.45943	0.13949	0.369721	-2.70474	0.0829543	0.300826	-3.32418	2.33636	14.4867	5.51159	1
cg07484065	AFAP1;AFAP1	0.123129	0.0266692	0.335657	-2.97923	0.0984514	0.470836	-2.12388	0.159755	0.535575	-1.86715	0.909399	0.953785	-1.04845	0.0591805	0.41251	-2.42418	0.33211	1.51573	1.51573	0.0732462	0.435914	-2.29403	0.13267	0.509466	-1.96284	0.651239	0.827663	-1.20822	2.33633	6.39285	2.43225	1
cg07092593	MARCKSL1;MARCKSL1	0.123132	0.675887	1.22212	1.22212	0.317189	1.63767	1.63767	0.18168	1.96668	1.96668	0.116412	2.25664	2.25664	0.0258693	0.283082	-3.53255	0.502814	0.722952	-1.38322	?	?	?	0.140707	2.12963	2.12963	0.456499	1.43588	1.43588	2.35857	7.55657	3.20387	1
cg04616544	SLFN12L	0.123134	0.339879	0.763202	-1.31027	0.354758	0.769864	-1.29893	0.502332	1.20568	1.20568	0.927665	0.975363	-1.02526	0.338982	0.762796	-1.31097	0.689139	0.895414	-1.1168	0.736911	0.911531	-1.09706	0.00484727	2.7908	2.7908	0.580271	1.16585	1.16585	2.33628	2.79267	1.06253	1
cg23181900	COL6A6	0.123137	0.416647	0.514133	-1.94502	0.0288615	7.88677	7.88677	0.192265	3.02248	3.02248	0.24103	2.67408	2.67408	0.283889	0.409751	-2.4405	0.221096	0.356709	-2.80341	0.104794	4.14	4.14	0.15838	3.34821	3.34821	0.377097	2.06751	2.06751	2.33626	23.7639	9.0416	1
cg00584416	RSBN1	0.123141	0.628667	1.17659	1.17659	?	?	?	0.0315181	2.36828	2.36828	0.0555358	0.478242	-2.09099	0.151828	0.596145	-1.67744	0.214785	0.644845	-1.55076	0.507237	1.25202	1.25202	0.908518	1.03906	1.03906	0.738878	1.11803	1.11803	2.49149	3.81509	1.33985	1
cg17365725	D2HGDH	0.123145	0.0231195	0.282501	-3.53981	0.915588	1.04913	1.04913	0.513427	0.740495	-1.35045	0.200883	0.539968	-1.85196	0.0245634	0.287777	-3.47491	0.0476258	0.35113	-2.84795	0.113983	0.454733	-2.19909	0.818542	1.10958	1.10958	0.251838	0.579753	-1.72487	2.47037	7.8373	2.46751	1
cg11177550	PLA2G2F	0.123146	0.327192	1.23829	1.23829	0.691745	0.919238	-1.08786	0.0227717	0.562183	-1.77878	0.322942	0.805945	-1.24078	0.853935	0.961806	-1.03971	0.577876	1.12613	1.12613	0.0148569	0.530914	-1.88354	0.79488	1.0566	1.0566	0.686339	1.08957	1.08957	2.33618	1.6521	0.628604	1
cg08899215	BAT3;BAT3;BAT3;BAT3	0.123146	0.0638146	0.294198	-3.39907	0.0738001	0.310271	-3.22299	0.0484455	0.266059	-3.75856	0.285943	0.521639	-1.91703	0.217283	0.4666	-2.14316	0.195364	0.44743	-2.23499	0.0187721	0.187845	-5.32353	0.585045	1.38237	1.38237	0.242945	0.487945	-2.04941	2.33618	12.7595	4.85483	1
cg16175577	C17orf101;C17orf101	0.12315	0.227569	0.815372	-1.22643	0.0554401	0.704813	-1.41882	0.0612966	0.711937	-1.40462	0.289987	0.837805	-1.1936	0.0287373	0.659889	-1.51541	0.623679	0.923406	-1.08295	0.135065	1.2964	1.2964	0.651187	0.929284	-1.0761	0.262112	0.828263	-1.20735	2.33615	0.960726	0.36555	1
cg24718827	ANKRD33B	0.123153	0.0636396	3.79671	3.79671	0.180427	2.4844	2.4844	0.374553	1.79168	1.79168	0.229989	2.23853	2.23853	0.0563486	3.98498	3.98498	0.163798	2.58755	2.58755	0.0638159	3.79253	3.79253	0.0133592	7.10445	7.10445	0.115166	2.99198	2.99198	2.33613	15.1461	5.76304	1
cg06256856	HYDIN;HYDIN	0.123154	0.0950434	0.614733	-1.62672	0.327114	1.30779	1.30779	0.114447	0.634195	-1.5768	0.829104	0.944275	-1.05901	0.323619	0.763069	-1.3105	0.188642	1.44693	1.44693	0.144767	0.660048	-1.51504	0.98828	0.996112	-1.0039	0.0226339	0.484832	-2.06257	2.33612	2.60312	0.990482	1
cg09993459	MGMT	0.123155	0.489701	0.891226	-1.12205	0.251153	0.821385	-1.21746	0.491427	0.891646	-1.12152	0.588123	0.914176	-1.09388	0.00486249	0.54187	-1.84546	0.195028	1.25225	1.25225	0.643799	0.926433	-1.07941	0.663891	0.930761	-1.07439	0.153605	0.778234	-1.28496	2.3361	0.996437	0.379145	1
cg21467371	ARL16	0.123157	0.424104	0.689148	-1.45107	0.177431	0.520116	-1.92265	0.596793	0.783895	-1.27568	0.760399	1.14969	1.14969	0.149829	0.494535	-2.0221	0.0220756	0.285962	-3.49697	0.0154174	0.257767	-3.87947	0.113678	0.456146	-2.19228	0.859645	1.08407	1.08407	2.33609	7.69513	2.92802	1
cg16792202	ALG5;EXOSC8;EXOSC8;ALG5	0.12316	0.833707	0.925949	-1.07997	0.36779	1.4029	1.4029	0.681137	1.16323	1.16323	0.586781	0.818053	-1.22241	0.342797	1.42998	1.42998	0.935766	0.970934	-1.02994	0.7841	1.10573	1.10573	0.00517501	0.25904	-3.86041	0.20793	1.62562	1.62562	2.33606	4.95471	1.8853	1
cg00712717	MTERFD2;MTERFD2;MTERFD2;MTERFD2	0.123161	0.491132	0.856395	-1.16769	0.768869	0.936767	-1.0675	0.866174	0.963301	-1.0381	0.445762	0.841729	-1.18803	0.100234	0.670852	-1.49064	0.0431426	1.67491	1.67491	0.018748	0.531854	-1.88022	0.344809	0.805978	-1.24073	0.695908	1.09098	1.09098	2.33606	1.81807	0.691789	1
cg13619772	C1orf49;C1orf49;C1orf49;C1orf49	0.123161	0.168735	0.437472	-2.28586	0.0145624	0.183329	-5.45467	0.0314013	0.240961	-4.15006	0.354625	0.584576	-1.71064	0.0520395	0.287635	-3.47663	0.336227	0.571772	-1.74895	0.253647	0.51064	-1.95833	0.074273	0.325861	-3.06879	0.243737	0.502776	-1.98896	2.33606	11.7592	4.47449	1
cg06900676	KIAA1841;KIAA1841	0.123161	0.243337	0.789751	-1.26622	0.282903	1.24077	1.24077	0.0408486	1.5784	1.5784	0.642362	0.913544	-1.09464	0.414871	1.17485	1.17485	0.584336	1.11273	1.11273	0.428924	0.855445	-1.16898	0.669107	1.08668	1.08668	0.0136299	1.80402	1.80402	2.33605	1.38309	0.526278	1
cg11601375	KRT6B	0.123162	0.406522	0.636517	-1.57105	0.0262754	0.246053	-4.06416	0.0848194	0.362787	-2.75644	0.150228	2.27161	2.27161	0.866043	0.914096	-1.09398	0.588592	0.747874	-1.33712	0.03684	0.275265	-3.63286	0.873192	0.918534	-1.08869	0.59297	1.33249	1.33249	2.33605	10.4716	3.98454	1
cg07575204	EFNA5	0.123164	0.0101713	0.119451	-8.37165	0.0863158	0.288719	-3.46358	0.799585	0.84638	-1.1815	0.216757	2.34455	2.34455	0.495865	1.57355	1.57355	0.224328	2.30903	2.30903	0.842074	0.877408	-1.13972	0.633577	0.729898	-1.37005	0.952572	0.961756	-1.03977	2.33603	15.902	6.0509	1
cg26077228	C17orf62;C17orf62;C17orf62	0.123168	0.131282	1.22698	1.22698	0.125965	1.23107	1.23107	0.156323	1.20972	1.20972	0.915333	1.01344	1.01344	0.202754	1.18392	1.18392	0.150718	1.21333	1.21333	0.237924	0.856229	-1.16791	0.378892	0.892842	-1.12002	0.0226344	1.40872	1.40872	2.336	0.583218	0.221925	1
cg20557202	SLC5A5;SLC5A5	0.123172	0.0935805	0.440436	-2.27048	0.0147433	0.263292	-3.79806	0.017664	0.277133	-3.60837	0.179528	0.530519	-1.88495	0.259393	0.592645	-1.68735	0.221152	0.564474	-1.77156	0.206943	0.553329	-1.80724	0.437902	0.703392	-1.42168	0.969278	1.01727	1.01727	2.33596	7.31447	2.78333	1
cg18133875	MGAT4B;MGAT4B	0.123175	0.420018	1.43431	1.43431	0.0037809	5.53219	5.53219	0.0570905	2.5662	2.5662	0.432571	1.41996	1.41996	0.324346	1.56141	1.56141	0.833462	1.09656	1.09656	0.203025	1.80091	1.80091	0.317477	1.57205	1.57205	0.73283	1.16184	1.16184	2.33593	7.09056	2.69816	1
cg18481230	KCNJ3	0.123176	0.0587416	17.037	17.037	0.124324	9.11603	9.11603	0.832554	0.754893	-1.32469	0.648297	1.84023	1.84023	0.178752	6.66674	6.66674	0.421023	2.97933	2.97933	0.925768	0.88359	-1.13175	0.0169127	47.9192	47.9192	0.0296618	29.9539	29.9539	2.33593	65.2511	24.83	1
cg11849561	MINPP1	0.123176	0.14628	0.560281	-1.78482	0.0298316	0.386896	-2.58467	0.376428	0.713782	-1.40099	0.202032	0.606286	-1.64939	0.0980674	0.509618	-1.96226	0.273373	0.65479	-1.52721	0.0191524	0.348879	-2.86633	0.0338519	0.398395	-2.51007	0.445585	0.749128	-1.33489	2.33592	5.10514	1.94266	1
cg00690311	PYGO1	0.123177	0.136456	1.23727	1.23727	0.381854	1.12639	1.12639	0.732815	1.04652	1.04652	0.0177653	1.46596	1.46596	0.347185	0.879453	-1.13707	0.917386	0.986326	-1.01386	0.308921	0.869581	-1.14998	0.266276	0.857516	-1.16616	0.0851984	1.2873	1.2873	2.33592	0.651515	0.247921	1
cg07686944	SCML1;SCML1;SCML1;SCML1;SCML1;SCML1;SCML1	0.123177	0.0365427	0.0151483	-66.014	0.847095	1.36994	1.36994	0.972961	0.946257	-1.0568	0.283663	6.30054	6.30054	0.563796	2.5982	2.5982	0.124259	0.0612326	-16.3312	0.0808154	26.5368	26.5368	?	?	?	?	?	?	2.70349	84.2468	26.7105	1
cg23072051	PEX14	0.12318	0.0485128	0.489308	-2.0437	0.159007	0.620404	-1.61185	0.0757001	0.534201	-1.87196	0.0452741	0.482696	-2.0717	0.0199135	0.410172	-2.438	0.485144	0.798552	-1.25227	0.63883	0.86078	-1.16174	0.615077	1.17444	1.17444	0.79935	0.922399	-1.08413	2.33589	3.72079	1.41589	1
cg13411923	WDR66	0.123184	0.0396128	9.65409	9.65409	0.080256	6.35293	6.35293	0.526949	1.84188	1.84188	0.167584	4.06138	4.06138	0.0488193	8.53109	8.53109	0.12545	4.85532	4.85532	0.0512104	8.29314	8.29314	0.0497968	8.43162	8.43162	0.0928476	5.82307	5.82307	2.33586	33.5852	12.7805	1
cg12673019	SERGEF	0.123184	0.0115065	0.326759	-3.06036	0.308677	1.45185	1.45185	0.732126	1.12929	1.12929	0.940171	0.973787	-1.02692	0.732162	0.885529	-1.12927	0.0917182	0.518375	-1.92911	0.169955	1.67742	1.67742	0.787863	1.10014	1.10014	0.247619	0.651978	-1.53379	2.33586	4.63255	1.76287	1
cg00588559	C19orf6;C19orf6	0.123184	0.30792	0.803736	-1.24419	0.084584	0.673738	-1.48426	0.156419	0.730634	-1.36867	0.73027	1.07428	1.07428	0.0151426	0.539139	-1.85481	0.386671	1.20166	1.20166	0.165471	1.3583	1.3583	0.943865	1.01468	1.01468	0.724252	0.929297	-1.07608	2.33585	1.58549	0.603345	1
cg13860849	CD248	0.123185	0.116576	0.409179	-2.44392	0.028593	0.258324	-3.8711	0.0405658	0.28957	-3.4534	0.501037	0.699138	-1.43033	0.0662041	0.339638	-2.94431	0.188963	0.48223	-2.0737	0.0292035	0.260118	-3.84441	0.145062	0.440381	-2.27076	0.375482	0.620848	-1.6107	2.33585	10.1601	3.86636	1
cg24232053	ACADS	0.123186	0.578104	0.822192	-1.21626	0.390516	1.35881	1.35881	0.806202	0.917911	-1.08943	0.924254	1.03369	1.03369	0.0151015	0.353271	-2.83069	0.0427221	0.443566	-2.25446	0.145867	1.72305	1.72305	0.599304	0.831311	-1.20292	0.333927	0.706601	-1.41523	2.33584	4.49249	1.70959	1
cg01208873	KIAA1026;KIAA1026	0.123192	0.587474	1.12556	1.12556	0.467374	1.17314	1.17314	0.569868	0.883372	-1.13203	0.989775	1.00277	1.00277	0.867418	0.964565	-1.03674	0.0747759	1.53505	1.53505	0.00417115	2.29104	2.29104	0.373424	1.21811	1.21811	0.986981	0.996483	-1.00353	2.33579	1.72493	0.656427	1
cg17386578	FBXL4	0.123192	0.157433	0.526426	-1.8996	0.0247873	0.32169	-3.10858	0.183242	0.54918	-1.8209	0.430912	0.710915	-1.40664	0.0853016	0.446019	-2.24206	0.46455	0.729109	-1.37154	0.0300408	0.338541	-2.95385	0.0336121	0.348757	-2.86733	0.143162	0.512829	-1.94997	2.33579	6.66395	2.53598	1
cg24899995	FBF1	0.123192	0.0841576	0.344273	-2.90467	0.251147	0.512167	-1.95249	0.19743	0.467505	-2.13901	0.298447	0.548016	-1.82476	0.0174931	0.199087	-5.02292	0.295893	0.546144	-1.83102	0.0121891	0.174971	-5.71523	0.360822	0.592006	-1.68917	0.184183	0.455604	-2.19489	2.33578	11.5207	4.38424	1
cg13695892	POLR3H;POLR3H;POLR3H	0.123192	0.0397518	0.337376	-2.96405	0.215584	0.551196	-1.81424	0.888172	0.937722	-1.06641	0.344413	1.56062	1.56062	0.59365	0.781825	-1.27906	0.653899	1.22906	1.22906	0.656887	0.8152	-1.22669	0.00818015	0.212974	-4.69542	0.718668	0.847616	-1.17978	2.33578	7.72655	2.94036	1
cg22922770	ARPC1A	0.123194	0.0717215	0.648447	-1.54215	0.0162352	1.88383	1.88383	0.747274	0.932718	-1.07214	0.243164	1.30096	1.30096	0.787165	1.06003	1.06003	0.662172	0.909634	-1.09934	0.471154	0.853919	-1.17107	0.120434	1.43746	1.43746	0.508822	1.15533	1.15533	2.33577	1.71692	0.653382	1
cg25365990	LDB3;LDB3;LDB3	0.123198	0.0752562	0.152185	-6.57093	0.280536	0.344325	-2.90423	0.804245	1.26623	1.26623	0.13341	0.214645	-4.65886	0.0581071	0.130587	-7.65776	0.213961	0.28831	-3.46848	0.0142404	0.0564822	-17.7047	0.127845	0.209141	-4.78147	0.0982339	0.178385	-5.60585	2.33574	33.4213	12.7188	1
cg16964117	TMBIM1;PNKD	0.123198	0.047773	0.678442	-1.47397	0.0777861	0.714647	-1.39929	0.646498	0.923897	-1.08237	0.700568	1.06848	1.06848	0.575158	1.10193	1.10193	0.0370408	0.660306	-1.51445	0.207039	1.25619	1.25619	0.571482	0.906633	-1.10298	0.112629	0.743765	-1.34451	2.33574	1.08688	0.413622	1
cg26780138	RAB11FIP3	0.1232	0.114251	2.44329	2.44329	0.942813	0.963382	-1.03801	0.0606751	3.00335	3.00335	0.0593778	3.02441	3.02441	0.900286	1.06736	1.06736	0.0754966	0.357388	-2.79808	0.173911	0.471312	-2.12174	0.801278	0.877091	-1.14013	0.716939	1.20844	1.20844	2.33572	10.0029	3.80673	1
cg05945030	PRDM10;PRDM10	0.123204	0.147308	0.733734	-1.36289	0.172048	0.748683	-1.33568	0.115984	1.40516	1.40516	0.453873	0.859067	-1.16405	0.0296329	1.66498	1.66498	0.331361	1.22086	1.22086	0.639447	1.0985	1.0985	0.242731	0.783949	-1.27559	0.502262	0.873209	-1.1452	2.33569	1.46651	0.558109	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22394521	DIDO1;DIDO1;C20orf11;DIDO1	0.123204	0.163094	0.76499	-1.30721	0.771465	0.948941	-1.05381	0.565896	1.11008	1.11008	0.653951	0.922012	-1.08458	0.197356	0.782531	-1.2779	0.37574	1.17772	1.17772	0.00885455	0.549052	-1.82132	0.181693	1.29061	1.29061	0.947084	1.01202	1.01202	2.33569	1.19783	0.455858	1
cg14900112	SLC39A3;SLC39A3	0.123204	0.48572	0.894333	-1.11815	0.345109	0.85787	-1.16568	0.232145	1.21842	1.21842	0.376323	1.15388	1.15388	0.120441	1.30414	1.30414	0.130018	1.29412	1.29412	0.0280128	1.50562	1.50562	0.231772	0.820594	-1.21863	0.321172	0.850792	-1.17538	2.33568	0.919417	0.349902	1
cg11521325	CCDC114	0.123213	0.137757	0.35081	-2.85055	0.0384253	0.207619	-4.81651	0.292654	0.488936	-2.04526	0.0850678	0.287105	-3.48305	0.0241386	0.17165	-5.8258	0.31996	0.509893	-1.9612	0.0227809	0.167606	-5.96639	0.21284	0.423201	-2.36294	0.433121	0.591993	-1.68921	2.33561	15.8894	6.0472	1
cg12146150	NTN1	0.123215	0.223538	0.58878	-1.69843	0.00376785	0.198007	-5.05034	0.316728	0.651338	-1.5353	0.922577	1.04109	1.04109	0.12033	0.497617	-2.00958	0.543678	0.77523	-1.28994	0.795009	0.897765	-1.11388	0.131519	0.509481	-1.96278	0.769869	0.885584	-1.1292	2.33559	6.34645	2.41536	1
cg20934215	PDZRN3	0.123216	0.227221	0.668205	-1.49655	0.0717296	0.527593	-1.8954	0.45031	0.782997	-1.27714	0.243368	1.47434	1.47434	0.952013	1.01932	1.01932	0.17008	1.59155	1.59155	0.0359963	2.17217	2.17217	0.66187	1.15022	1.15022	0.208087	0.655672	-1.52515	2.33559	3.74115	1.42382	1
cg09398544	ZEB2;ZEB2	0.123219	0.0258755	1.82748	1.82748	0.983647	1.00468	1.00468	0.347542	0.802153	-1.24665	0.927267	1.02103	1.02103	0.0198326	0.526721	-1.89854	0.401993	0.822422	-1.21592	0.453778	1.18998	1.18998	0.455908	1.18897	1.18897	0.871042	1.03772	1.03772	2.33556	1.92167	0.731368	1
cg08118646	EIF4E;EIF4E;EIF4E	0.123222	0.862803	0.934962	-1.06956	0.0772339	2.14644	2.14644	0.146798	1.83209	1.83209	0.450891	0.7418	-1.34807	0.103371	0.500263	-1.99895	0.741236	0.879112	-1.13751	0.0373102	0.390739	-2.55926	0.524963	0.778433	-1.28463	0.251399	1.59346	1.59346	2.33553	5.59174	2.12818	1
cg10378904	FAM132A	0.123223	0.182613	0.470295	-2.12633	0.00723378	0.157471	-6.35038	0.0390025	0.279591	-3.57665	0.723073	0.827146	-1.20898	0.158671	0.447699	-2.23364	0.204509	0.489611	-2.04244	0.434844	0.653774	-1.52958	0.514414	0.702827	-1.42282	0.685783	1.24228	1.24228	2.33552	10.5233	4.00511	1
cg18485729	QTRTD1;KIAA1407	0.123226	0.879314	0.963893	-1.03746	0.0286012	1.86838	1.86838	0.992685	1.00222	1.00222	0.79898	0.940104	-1.06371	0.359162	1.25633	1.25633	0.0123835	0.4707	-2.1245	0.559788	1.15341	1.15341	0.875744	1.0386	1.0386	0.721037	1.09066	1.09066	2.33549	2.16679	0.824678	1
cg10055566	NKAPL	0.123227	0.0191314	7.2819	7.2819	0.546215	1.53359	1.53359	0.204163	2.55564	2.55564	0.137288	3.06688	3.06688	0.0444183	5.03528	5.03528	0.436852	0.57385	-1.74262	0.725258	0.78109	-1.28026	0.178532	2.72049	2.72049	0.0946766	3.61884	3.61884	2.33549	18.1352	6.90229	1
cg18229731	SNRPD2;QPCTL;QPCTL;SNRPD2	0.12323	0.00914773	0.581811	-1.71877	0.69434	0.937428	-1.06675	0.28606	1.19873	1.19873	0.193624	0.798488	-1.25237	0.263839	1.20992	1.20992	0.651929	1.07712	1.07712	0.59365	0.915661	-1.09211	0.125402	0.762348	-1.31174	0.510233	0.896483	-1.11547	2.33546	0.99005	0.376818	1
cg20742562	NDUFS6;MRPL36	0.123231	0.0470322	13.1738	13.1738	0.068511	10.1052	10.1052	0.0841921	8.73224	8.73224	0.172565	5.18937	5.18937	0.933887	0.910185	-1.09868	0.392839	2.69895	2.69895	0.0354281	16.0858	16.0858	0.0394745	14.9042	14.9042	0.964435	0.950682	-1.05188	2.33545	47.5869	18.1119	1
cg05274179	HBQ1	0.123232	0.75123	0.774277	-1.29153	0.647625	0.690623	-1.44797	0.0700838	0.196136	-5.09851	0.776942	1.25667	1.25667	0.0732536	0.200537	-4.98662	0.755185	0.777559	-1.28608	0.00525895	0.0518058	-19.3029	0.855533	0.863644	-1.15788	0.45913	0.545361	-1.83365	2.33544	23.9318	9.10865	1
cg23965459	KIF26A	0.123234	0.166006	0.561787	-1.78003	0.405906	1.39365	1.39365	0.208475	0.595933	-1.67804	0.71591	1.15336	1.15336	0.162639	0.558854	-1.78938	0.223314	0.606846	-1.64787	0.00839134	0.268614	-3.72282	0.550097	0.78975	-1.26622	0.109159	0.505636	-1.97771	2.33543	5.63652	2.14532	1
cg16047663	RNPEP	0.123237	0.327394	0.758872	-1.31775	0.0334001	1.97077	1.97077	0.307305	1.33432	1.33432	0.491875	0.826527	-1.20988	0.0492305	0.541932	-1.84525	0.582527	1.16359	1.16359	0.863055	0.953976	-1.04824	0.0904472	1.66387	1.66387	0.504185	1.20319	1.20319	2.3354	2.75497	1.04858	1
cg16622494	METAP1	0.123238	0.0201521	1.70447	1.70447	0.134969	0.735936	-1.35881	0.248495	0.794905	-1.25801	0.166085	1.32446	1.32446	0.674032	0.92266	-1.08382	0.993666	0.998491	-1.00151	0.0902877	1.42643	1.42643	0.733881	0.937135	-1.06708	0.489346	1.14297	1.14297	2.33539	1.33908	0.509676	1
cg14067761	KLHL29	0.123241	0.693804	1.21206	1.21206	0.00549156	5.89701	5.89701	0.0864964	2.51021	2.51021	0.872051	1.08149	1.08149	0.796939	0.882208	-1.13352	0.115179	2.29906	2.29906	0.648865	1.24959	1.24959	0.203996	1.91857	1.91857	0.165541	2.05207	2.05207	2.33537	8.73766	3.32573	1
cg25442844	GAGE2A;GAGE2C;GAGE8;GAGE2E;GAGE8;GAGE2D;GAGE8;GAGE2D;GAGE2A;GAGE2C	0.123246	0.779617	1.1358	1.1358	0.493037	0.729056	-1.37164	0.165182	0.510691	-1.95813	0.120401	0.465487	-2.14829	0.00779771	0.21214	-4.71387	0.190655	1.8758	1.8758	0.462486	0.71212	-1.40426	0.271328	0.594629	-1.68172	0.794491	0.888256	-1.1258	2.33532	7.62089	2.90072	1
cg12660445	SNORD18A;RPL4;SNORD18B;SNORD16	0.123246	0.0118961	0.229649	-4.35447	0.119315	0.452863	-2.20817	0.997954	1.0012	1.0012	0.314421	0.614137	-1.6283	0.0392219	0.3269	-3.05904	0.113374	0.446017	-2.24206	0.173458	0.507258	-1.97138	0.102157	0.432432	-2.3125	0.207648	0.536513	-1.86389	2.33532	8.12297	3.09183	1
cg17968647	ZNF323;ZNF323;ZNF323;ZNF323;ZNF323;ZNF323	0.123249	0.0102633	0.742965	-1.34596	0.195297	0.881799	-1.13405	0.8407	0.981688	-1.01865	0.411603	1.08015	1.08015	0.0946422	0.844757	-1.18377	0.703623	1.03572	1.03572	0.751847	1.02956	1.02956	0.0837386	0.838815	-1.19216	0.345558	0.914651	-1.09331	2.3353	0.311931	0.118731	1
cg03923813	BAALC;BAALC	0.123251	0.0372568	0.151678	-6.59289	0.0409023	0.158702	-6.30112	0.0370077	0.151186	-6.61438	0.182423	0.331608	-3.01561	0.107893	0.254507	-3.92917	0.130266	0.2795	-3.57782	0.217935	0.363867	-2.74825	0.0549059	0.183031	-5.46356	0.1443	0.29424	-3.39859	2.33528	22.5043	8.56594	1
cg26421123	COMMD5;COMMD5;COMMD5;COMMD5	0.123252	0.0203126	0.170701	-5.85821	0.579055	1.39248	1.39248	0.315194	1.85673	1.85673	0.610963	1.35382	1.35382	0.726345	0.812898	-1.23017	0.0353009	0.216959	-4.60916	?	?	?	0.247616	0.485213	-2.06095	0.689586	0.789153	-1.26718	2.67852	12.4455	3.4848	1
cg09315814	LOC100130093;LOC100130093	0.123252	0.21466	1.21704	1.21704	0.0373359	0.695332	-1.43816	0.796434	0.961874	-1.03964	0.0795501	0.746304	-1.33994	0.322472	0.857545	-1.16612	0.127408	1.2813	1.2813	0.585975	1.08622	1.08622	0.974073	0.995125	-1.0049	0.103417	0.765042	-1.30712	2.33527	0.836273	0.318316	1
cg15603568	GRIA4;GRIA4;GRIA4;GRIA4	0.123252	0.738594	1.06933	1.06933	0.63119	0.907735	-1.10164	0.0154055	0.551536	-1.81312	0.426471	1.17647	1.17647	0.850866	1.03839	1.03839	0.627282	0.906712	-1.10289	0.12501	1.39424	1.39424	0.592856	0.897609	-1.11407	0.0431941	0.627816	-1.59282	2.33527	1.48149	0.563908	1
cg06159667	H2BFWT;MIR1256	0.123255	0.0871651	0.341788	-2.92579	0.374344	0.595536	-1.67916	0.667219	0.782027	-1.27873	0.215584	0.476715	-2.09769	0.0313333	0.23798	-4.20203	0.083121	2.97573	2.97573	0.903408	1.07144	1.07144	0.114437	0.376854	-2.65354	0.162229	0.428201	-2.33535	2.33525	11.9489	4.54822	1
cg17401106	ADAM33;ADAM33	0.123255	0.0353318	0.359243	-2.78363	0.241513	0.599228	-1.66881	0.0693669	0.42801	-2.33639	0.754654	0.87726	-1.13991	0.0807668	0.445336	-2.24549	0.336189	0.660848	-1.51321	0.055489	0.403891	-2.47591	0.0245968	0.326845	-3.05955	0.132524	0.507613	-1.97	2.33524	6.4535	2.45647	1
cg11083715	SLC9A3	0.123258	0.806373	1.06275	1.06275	0.935945	1.02012	1.02012	0.837911	0.950501	-1.05208	0.386581	0.802541	-1.24604	0.0798374	0.617704	-1.6189	0.0134937	0.468643	-2.13382	0.0987352	1.56625	1.56625	0.880972	1.03783	1.03783	0.187904	0.707622	-1.41318	2.33522	2.27179	0.864744	1
cg24554839	MIR921;FAM78B	0.123263	0.0660119	0.491083	-2.03632	0.417014	0.751259	-1.3311	0.0105063	0.329466	-3.03521	0.0703585	0.497855	-2.00862	0.0399769	0.441055	-2.26729	0.193651	0.622351	-1.60681	0.303391	0.692412	-1.44423	0.701704	0.875728	-1.14191	0.373269	0.729669	-1.37049	2.33518	4.39724	1.67381	1
cg21878385	LNX1;LNX1	0.123264	0.302804	1.5038	1.5038	0.0305227	2.64227	2.64227	0.0193723	2.94694	2.94694	0.503145	0.771265	-1.29657	0.153562	1.79328	1.79328	0.520274	1.28288	1.28288	0.0443035	2.41819	2.41819	0.329665	1.4689	1.4689	0.671228	1.17727	1.17727	2.33517	5.4034	2.05682	1
cg20965527	QSOX1;QSOX1	0.123267	0.420301	1.49012	1.49012	0.2109	1.89378	1.89378	0.498297	0.716753	-1.39518	0.102131	2.37893	2.37893	0.625009	0.787711	-1.2695	0.391962	1.52938	1.52938	0.0193324	3.93675	3.93675	0.0227495	3.74571	3.74571	0.335376	1.61808	1.61808	2.33514	8.67885	3.30366	1
cg00422638	LOC100128811;GPR158	0.123272	0.0625501	0.389033	-2.57048	0.418873	1.45073	1.45073	0.13747	0.486492	-2.05553	0.383119	0.668404	-1.4961	0.804997	0.894561	-1.11787	0.913977	1.04988	1.04988	0.0244943	0.299079	-3.3436	0.089814	0.430713	-2.32173	0.0516332	0.368699	-2.71224	2.3351	7.50369	2.85639	1
cg07684128	LTBP4	0.123273	0.810985	0.900594	-1.11038	0.881103	1.06759	1.06759	0.949654	1.02798	1.02798	0.210962	1.77887	1.77887	0.00414502	0.186444	-5.36355	0.457109	0.71825	-1.39227	0.568557	1.28639	1.28639	0.91591	0.954894	-1.04724	0.482617	1.36593	1.36593	2.33509	7.06268	2.68851	1
cg25921358	SPG20;SPG20;SPG20;SPG20	0.123274	0.0149652	0.284787	-3.5114	0.065149	0.419243	-2.38525	0.150899	0.523994	-1.90842	0.933546	0.965593	-1.03563	0.051231	0.39376	-2.53962	0.278552	0.623115	-1.60484	0.0500989	0.391473	-2.55446	0.705844	0.852829	-1.17257	0.238347	0.595408	-1.67952	2.33508	6.51854	2.48139	1
cg08271362	SSU72	0.123274	0.141369	0.770389	-1.29804	0.179309	1.26525	1.26525	0.0476185	1.45301	1.45301	0.9558	0.9909	-1.00918	0.802434	1.04221	1.04221	0.146844	0.773517	-1.2928	0.663936	0.930435	-1.07477	0.818371	1.03867	1.03867	0.0371683	1.49037	1.49037	2.33508	1.00605	0.382971	1
cg18832152	ADAM15;EFNA4;ADAM15;ADAM15;EFNA4;ADAM15;ADAM15;EFNA4;ADAM15	0.123274	0.0883373	0.53456	-1.8707	0.354292	0.728028	-1.37357	0.913641	0.964513	-1.03679	0.68269	1.14672	1.14672	0.341026	0.721226	-1.38653	0.54497	0.815418	-1.22636	0.0876543	0.533694	-1.87373	0.0156034	2.68471	2.68471	0.79887	0.91847	-1.08877	2.33508	4.10282	1.56181	1
cg22332306	C3orf63;C3orf63	0.123276	0.305887	0.641003	-1.56006	0.937973	1.03319	1.03319	0.149732	0.52316	-1.91146	0.347568	1.50038	1.50038	0.0358667	0.359089	-2.78482	0.242909	0.598921	-1.66967	0.0230708	0.319851	-3.12645	0.305888	1.56005	1.56005	0.438399	0.717798	-1.39315	2.33507	6.50798	2.47739	1
cg16603059	MFAP2;MFAP2	0.123277	0.962887	1.01275	1.01275	0.0940513	0.605722	-1.65092	0.028567	0.494852	-2.02081	0.137948	1.54496	1.54496	0.126649	0.637668	-1.56822	0.284734	1.35337	1.35337	0.30435	1.336	1.336	0.738025	1.09572	1.09572	0.766241	1.08458	1.08458	2.33506	2.74248	1.04398	1
cg07160044	SPATA13;MIR2276;SPATA13	0.123279	0.796373	0.943077	-1.06036	0.597467	1.12837	1.12837	0.391899	0.81971	-1.21994	0.59859	1.12795	1.12795	0.215003	1.34422	1.34422	0.90373	0.972949	-1.0278	0.00567202	0.439345	-2.27612	0.505244	0.857938	-1.16559	0.280315	1.28962	1.28962	2.33504	1.89966	0.723152	1
cg25233816	LOC344595;LOC344595;LOC100302640	0.12328	0.289452	0.82959	-1.20541	0.0244532	1.57694	1.57694	0.323195	1.18931	1.18931	0.557386	0.904094	-1.10608	0.964137	1.00767	1.00767	0.197748	0.793488	-1.26026	0.348276	0.848679	-1.1783	0.0649949	0.703235	-1.422	0.224722	0.805192	-1.24194	2.33503	1.06763	0.406419	1
cg06645921	SLC2A14	0.123281	0.0344324	11.8171	11.8171	0.0740069	7.33974	7.33974	0.274205	3.12363	3.12363	0.296265	2.95699	2.95699	0.138679	4.9318	4.9318	0.522926	1.91203	1.91203	0.0898196	6.50101	6.50101	0.0146227	20.2828	20.2828	0.0979621	6.15518	6.15518	2.33503	37.0617	14.1085	1
cg27112809	LOC400578	0.123281	0.067209	0.343186	-2.91387	0.0401964	0.290541	-3.44185	0.226938	0.51612	-1.93753	0.207193	0.499811	-2.00076	0.114335	0.408408	-2.44853	0.134605	0.431239	-2.3189	0.0217884	0.237984	-4.20196	0.0488073	0.309389	-3.23218	0.186078	0.481454	-2.07704	2.33502	10.0534	3.82708	1
cg03150622	EPHA1	0.123282	0.633095	2.20701	2.20701	0.204861	9.0428	9.0428	0.159359	11.8864	11.8864	0.086487	22.579	22.579	0.764961	1.63809	1.63809	0.284556	6.23256	6.23256	0.167028	11.3	11.3	0.00863741	247.465	247.465	0.0367179	54.3096	54.3096	2.33501	100.197	38.143	1
cg00169633	AMOTL2	0.123288	0.85113	0.953199	-1.0491	0.413963	1.23746	1.23746	0.245273	1.3635	1.3635	0.39868	1.24663	1.24663	0.976011	0.992358	-1.0077	0.0488222	1.77533	1.77533	0.0211964	0.493192	-2.02761	0.612797	1.13905	1.13905	0.192164	0.70314	-1.42219	2.33497	2.40694	0.916287	1
cg13680184	BBS7;BBS7	0.123292	0.064933	0.629772	-1.58788	0.734836	0.926963	-1.07879	0.296294	1.27328	1.27328	0.802749	0.945693	-1.05743	0.0902266	0.659327	-1.5167	0.0421865	0.593234	-1.68568	0.0640726	0.628607	-1.59082	0.28482	1.28127	1.28127	0.360769	0.81091	-1.23318	2.33493	1.84052	0.70067	1
cg02453653	INTS5	0.123292	0.632425	1.07453	1.07453	0.019526	1.52349	1.52349	0.0381688	1.43103	1.43103	0.538622	0.911319	-1.09731	0.128326	1.27787	1.27787	0.865364	1.02563	1.02563	0.168667	0.803503	-1.24455	0.972542	0.994879	-1.00515	0.854295	0.972952	-1.0278	2.33493	0.822743	0.313212	1
cg12579867	LOC145845	0.123298	0.105578	0.649283	-1.54016	0.0157271	0.485272	-2.0607	0.670832	0.900838	-1.11008	0.0484851	0.576583	-1.73435	0.724576	1.09026	1.09026	0.572492	1.14948	1.14948	0.122492	0.664437	-1.50503	0.107538	0.651133	-1.53578	0.410961	0.814341	-1.22799	2.33488	2.20655	0.840036	1
cg03160057	WDR66	0.1233	0.147978	0.563936	-1.77325	0.0264245	0.378534	-2.64177	0.0485042	0.435239	-2.29759	0.358773	0.705907	-1.41662	0.0523184	0.442855	-2.25807	0.148493	0.564405	-1.77178	0.0958769	0.509161	-1.96402	0.0688496	0.471658	-2.12018	0.0885612	0.499869	-2.00053	2.33486	5.03707	1.91762	1
cg24234270	MAD1L1;MAD1L1;MAD1L1	0.1233	0.954822	1.01719	1.01719	0.148756	1.5933	1.5933	0.152874	0.630985	-1.58482	0.122003	0.604015	-1.65559	0.587378	1.17915	1.17915	0.528752	1.21161	1.21161	0.0317464	2.13233	2.13233	0.203219	1.4978	1.4978	0.224952	0.681567	-1.46721	2.33486	3.3455	1.27364	1
cg03675082	CENPE	0.123301	0.0916905	0.753336	-1.32743	0.33613	1.16332	1.16332	0.815156	1.03637	1.03637	0.203111	0.814709	-1.22743	0.2019	0.814211	-1.22818	0.0265507	0.669634	-1.49335	0.206688	0.816167	-1.22524	0.7172	0.946029	-1.05705	0.121458	1.29188	1.29188	2.33485	0.860321	0.327528	1
cg13603171	MOXD1	0.123306	0.64353	1.32142	1.32142	0.726457	0.810538	-1.23375	0.806599	1.158	1.158	0.872549	0.908449	-1.10078	0.0280338	0.21181	-4.72121	0.160129	0.407577	-2.45352	0.0373601	0.235751	-4.24177	0.146766	2.53808	2.53808	0.357411	1.7613	1.7613	2.33481	13.2264	5.03544	1
cg02376143	WDR90	0.123309	0.0326587	0.17054	-5.86374	0.16066	0.346343	-2.88731	0.131208	0.315675	-3.16782	0.0735568	0.243762	-4.10236	0.06375	0.228861	-4.36947	0.339064	0.49796	-2.0082	0.0192637	0.134907	-7.41252	0.222632	0.403812	-2.4764	0.129258	0.313538	-3.18941	2.33479	18.5129	7.04814	1
cg15689224	GPR108;GPR108	0.12331	0.582032	1.06601	1.06601	0.913232	1.01261	1.01261	0.990458	0.998626	-1.00138	0.110963	0.818984	-1.22102	0.166259	1.18501	1.18501	0.0808301	1.24936	1.24936	0.0196664	0.723211	-1.38272	0.561136	1.06991	1.06991	0.638691	0.947069	-1.05589	2.33478	0.488986	0.186165	1
cg16237204	FRMD6	0.12331	0.567905	0.866281	-1.15436	0.24645	0.739792	-1.35173	0.0162046	0.481291	-2.07775	0.941742	0.98199	-1.01834	0.402935	0.808287	-1.23718	0.009368	0.440738	-2.26892	0.230392	0.731338	-1.36736	0.74863	0.923166	-1.08323	0.879854	1.03833	1.03833	2.33477	2.2864	0.870471	1
cg18561684	AFF3;AFF3	0.123311	0.0766027	0.699812	-1.42896	0.655493	0.921845	-1.08478	0.317853	0.829351	-1.20576	0.0558643	0.675321	-1.48078	0.498586	0.88294	-1.13258	0.0377088	0.646095	-1.54776	0.16003	1.31264	1.31264	0.242763	1.24799	1.24799	0.797651	0.954506	-1.04766	2.33477	1.21443	0.462355	1
cg13328921	SBDSP;SBDSP;SBDSP;SBDSP	0.123312	0.58748	0.90162	-1.10911	0.504949	1.13646	1.13646	0.321311	1.21377	1.21377	0.583581	0.900625	-1.11034	0.952843	0.988881	-1.01124	0.485036	0.87446	-1.14356	0.0554305	0.663332	-1.50754	0.011124	1.82536	1.82536	0.519944	1.13125	1.13125	2.33476	1.32186	0.503259	1
cg26848963	ANO10	0.123313	0.249797	0.813137	-1.22981	0.293029	0.828938	-1.20636	0.0702081	0.706022	-1.41639	0.282436	1.21179	1.21179	0.0511789	0.682551	-1.46509	0.413378	0.866041	-1.15468	0.072449	1.41162	1.41162	0.473666	0.882201	-1.13353	0.199515	0.792054	-1.26254	2.33475	1.0938	0.416432	1
cg25570453	DGKB;DGKB	0.123313	0.0296093	0.311307	-3.21226	0.578644	1.29128	1.29128	0.733068	1.16882	1.16882	0.957143	0.975809	-1.02479	0.0291183	0.309829	-3.22759	0.513332	1.35265	1.35265	0.598577	0.784997	-1.27389	0.839239	0.911594	-1.09698	0.0358359	0.328649	-3.04276	2.33475	7.67799	2.92317	1
ch.14.1499103	ITPK1;ITPK1;ITPK1	0.123313	0.0382117	0.418546	-2.38922	0.031615	0.401017	-2.49366	0.0775314	0.490939	-2.03691	0.241261	0.640962	-1.56015	0.0256628	0.382497	-2.6144	0.595557	0.823456	-1.21439	0.262024	0.654379	-1.52817	0.344338	0.70245	-1.42359	0.707155	1.14665	1.14665	2.33475	4.86143	1.85085	1
cg15011209	RAF1;RAF1	0.123315	0.0249255	0.586254	-1.70575	0.440946	1.17028	1.17028	0.718265	0.930071	-1.07519	0.74373	1.06784	1.06784	0.142612	0.729543	-1.37072	0.675891	0.91931	-1.08777	0.976456	1.00592	1.00592	0.254584	1.26875	1.26875	0.0389127	1.61346	1.61346	2.33473	1.48048	0.563654	1
cg07625783	SLAMF8;SLAMF8	0.123317	0.690665	0.89302	-1.1198	0.377174	0.773889	-1.29218	0.0487092	0.528976	-1.89045	0.275213	0.725349	-1.37865	0.123138	1.60392	1.60392	0.883141	1.04248	1.04248	0.0618975	1.8125	1.8125	0.507055	1.20973	1.20973	0.115658	0.616468	-1.62214	2.33472	2.95858	1.12641	1
cg08728856	FAM72B	0.123318	0.346555	1.16828	1.16828	0.381448	1.15492	1.15492	0.0179574	1.58628	1.58628	0.339307	1.1712	1.1712	0.170114	1.2642	1.2642	0.867241	0.973513	-1.02721	0.196324	0.803147	-1.2451	0.100938	0.749578	-1.33408	0.391475	1.15128	1.15128	2.33471	0.951961	0.362438	1
cg04075035	DHX29;SKIV2L2	0.123321	0.765401	1.12969	1.12969	?	?	?	0.424194	1.39458	1.39458	0.0320205	2.7834	2.7834	0.0224527	3.04728	3.04728	0.369329	1.45601	1.45601	0.310653	0.652158	-1.53337	0.41685	0.71311	-1.40231	0.654274	0.832198	-1.20164	2.35691	5.50967	2.33767	1
cg11216456	MGMT	0.123321	0.778919	1.10823	1.10823	0.00504191	0.258119	-3.87418	0.168691	0.585349	-1.70838	0.577443	1.22816	1.22816	0.165026	0.582279	-1.71739	0.2319	0.632652	-1.58065	0.994002	0.997259	-1.00275	0.200028	0.609979	-1.6394	0.487158	0.772761	-1.29406	2.33468	4.93034	1.87714	1
cg18156963	EPHB2;EPHB2	0.123323	0.0657673	0.300388	-3.32902	0.246957	0.494022	-2.0242	0.0488733	0.26978	-3.70672	0.361336	0.578929	-1.72733	0.0187699	0.190395	-5.25223	0.476493	0.655941	-1.52453	0.081378	0.324567	-3.08103	0.0487057	0.269445	-3.71133	0.136829	0.393168	-2.54344	2.33467	12.5458	4.77661	1
cg02010711	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.123323	0.109901	0.65732	-1.52133	0.740706	1.08324	1.08324	0.609532	0.883354	-1.13205	0.184127	1.40387	1.40387	0.952151	0.985655	-1.01455	0.0620806	1.65828	1.65828	0.211007	0.728102	-1.37343	0.0407569	0.56625	-1.766	0.286015	0.765835	-1.30576	2.33466	2.14366	0.816166	1
cg07215695	CAPG	0.123325	0.808596	0.938147	-1.06593	0.248877	0.72826	-1.37314	0.136258	0.655507	-1.52554	0.0623645	0.575851	-1.73656	0.354667	0.7784	-1.28469	0.276736	0.742572	-1.34667	0.0409363	1.86024	1.86024	0.496948	1.19896	1.19896	0.112196	0.634437	-1.5762	2.33464	2.55934	0.974439	1
cg10071643	OLIG3;OLIG3	0.123326	0.275633	0.435826	-2.2945	0.980478	1.01808	1.01808	0.14961	3.09986	3.09986	0.967631	0.970721	-1.03016	0.70967	0.760436	-1.31503	0.509752	0.612812	-1.63182	0.513448	0.615508	-1.62467	0.00560696	14.3419	14.3419	0.590455	1.48864	1.48864	2.33464	19.8288	7.54959	1
cg20246315	TRIM26	0.123329	0.11633	0.523684	-1.90955	0.0899038	0.492334	-2.03114	0.0387432	0.40362	-2.47758	0.426873	0.735265	-1.36005	0.00831684	0.278416	-3.59175	0.84965	0.93059	-1.07459	0.619045	0.826959	-1.20925	0.875393	1.06129	1.06129	0.549548	0.79491	-1.258	2.33461	5.31287	2.02284	1
cg13476950	DNAH1	0.123332	0.312629	1.50641	1.50641	0.758746	1.12845	1.12845	0.62895	1.21047	1.21047	0.74965	1.13382	1.13382	0.299928	1.52411	1.52411	0.0374422	2.57868	2.57868	0.00565082	4.15614	4.15614	0.10037	2.02614	2.02614	0.672443	1.18155	1.18155	2.33459	5.69014	2.16651	1
cg12903024	RLBP1	0.123332	0.179696	0.42054	-2.37789	0.0182429	0.175192	-5.70802	0.0618156	0.278454	-3.59125	0.92604	1.05806	1.05806	0.184542	0.425066	-2.35258	0.0524354	0.261673	-3.82157	0.0798578	0.306834	-3.25909	0.120281	0.359019	-2.78536	0.894231	0.922325	-1.08422	2.33459	13.662	5.20178	1
cg08376310	KCNQ1;KCNQ1	0.123335	0.343076	1.40605	1.40605	0.313667	1.43845	1.43845	0.0390711	0.434636	-2.30078	0.987957	1.00528	1.00528	0.0433071	0.444443	-2.25001	0.282908	1.47591	1.47591	0.250513	1.52034	1.52034	0.187979	1.62705	1.62705	0.775805	1.10475	1.10475	2.33456	4.50076	1.71367	1
cg15451272	CLIC4	0.123335	0.238266	1.32927	1.32927	0.923143	1.02248	1.02248	0.92759	1.02116	1.02116	0.253211	1.31649	1.31649	0.887686	1.0331	1.0331	0.00888236	0.464283	-2.15386	0.291301	0.776998	-1.287	0.160936	1.41205	1.41205	0.603528	0.886277	-1.12831	2.33456	1.96309	0.747453	1
cg14452346	SPINK1	0.12334	0.26724	0.459771	-2.175	0.108344	0.308012	-3.24663	0.0615872	0.242792	-4.11875	0.72646	0.789683	-1.26633	0.00626586	0.0912161	-10.963	0.55925	0.672334	-1.48735	0.276104	0.4669	-2.14179	0.273345	0.464689	-2.15198	0.0864438	0.279908	-3.57261	2.33452	16.7109	6.36283	1
cg24440446	SNTG2	0.123341	0.877111	1.05323	1.05323	0.0123307	0.351888	-2.84181	0.0477337	0.468235	-2.13568	0.701983	1.13753	1.13753	0.223336	0.651268	-1.53547	0.665232	0.86423	-1.1571	0.247215	1.50009	1.50009	0.58926	1.20045	1.20045	0.319835	0.708538	-1.41136	2.33451	4.15361	1.58153	1
cg18982286	SHANK3	0.123343	0.910252	0.946357	-1.05668	0.0465902	0.328145	-3.04744	0.0802798	2.58245	2.58245	0.417379	1.49966	1.49966	0.538524	0.737499	-1.35593	0.260808	0.563577	-1.77438	0.0433599	0.321063	-3.11466	0.194559	0.511204	-1.95617	0.622894	1.27425	1.27425	2.33449	8.83961	3.3658	1
cg03233444	SLC27A1	0.123344	0.199223	1.22802	1.22802	0.347522	0.863754	-1.15774	0.0180585	0.647334	-1.5448	0.369574	1.14974	1.14974	0.736698	1.05243	1.05243	0.144869	1.26757	1.26757	0.737574	0.950353	-1.05224	0.859782	1.02714	1.02714	0.0932362	1.3226	1.3226	2.33449	0.847768	0.322799	1
cg13731422	TBC1D5	0.123344	0.914163	0.967473	-1.03362	0.942574	1.02234	1.02234	0.0240747	2.28225	2.28225	0.613736	0.855478	-1.16894	0.444368	0.787309	-1.27015	0.815132	1.07447	1.07447	0.0487692	0.501468	-1.99414	0.541207	1.20888	1.20888	0.0630003	1.89919	1.89919	2.33448	3.4776	1.32415	1
cg07405083	RHBDF1	0.123346	0.532612	0.832695	-1.20092	0.0111133	2.51469	2.51469	0.771538	1.088	1.088	0.8972	1.03815	1.03815	0.0687554	0.554287	-1.80412	0.153001	1.55785	1.55785	0.488784	0.815699	-1.22594	0.807831	1.07314	1.07314	0.490949	1.22466	1.22466	2.33447	3.10236	1.18128	1
cg24786875	ANKRD32	0.123351	0.152716	0.40242	-2.48497	0.486969	1.52159	1.52159	0.163995	2.41729	2.41729	0.372378	0.580253	-1.72339	0.0442061	0.253142	-3.95035	0.231242	0.474107	-2.10923	0.0331665	0.22764	-4.39291	0.221797	0.466174	-2.14512	0.260233	0.497612	-2.0096	2.33443	13.0594	4.97266	1
cg01801040	ZSWIM7;ZSWIM7	0.123354	0.170144	1.7246	1.7246	0.562524	0.803797	-1.2441	0.0708553	0.471005	-2.12312	0.334218	1.44994	1.44994	0.104519	0.515864	-1.9385	0.519048	0.78361	-1.27615	0.802586	0.910789	-1.09795	0.0307521	2.57669	2.57669	0.70545	1.15217	1.15217	2.3344	5.14469	1.95899	1
cg15316949	ATP5O	0.123354	0.115666	1.16289	1.16289	0.472412	1.06662	1.06662	0.825009	1.01973	1.01973	0.0618088	1.20394	1.20394	0.613983	0.956112	-1.0459	0.0475492	0.818748	-1.22138	0.718589	0.968573	-1.03245	0.282018	0.906058	-1.10368	0.0951987	1.1756	1.1756	2.3344	0.287883	0.109619	1
cg15948851	FAM110B	0.123356	0.460126	1.8262	1.8262	0.0454386	6.28038	6.28038	0.118366	3.88737	3.88737	0.356178	2.13828	2.13828	0.65447	0.697147	-1.43442	0.116258	3.92316	3.92316	0.0215015	9.13008	9.13008	0.0959954	4.32309	4.32309	0.062356	5.3655	5.3655	2.33438	23.7097	9.02821	1
cg14079131	MIR449C;CDC20B;CDC20B;CDC20B	0.123359	0.700136	0.820117	-1.21934	0.557067	1.35571	1.35571	0.16933	2.11758	2.11758	0.0104687	0.191818	-5.21326	0.435265	0.665036	-1.50368	0.949122	0.967829	-1.03324	0.795739	1.14217	1.14217	0.943864	1.03674	1.03674	0.0722732	2.79521	2.79521	2.33436	9.70809	3.69669	1
cg22880770	NEURL3	0.123359	0.855864	0.915096	-1.09278	0.4308	1.48052	1.48052	0.299854	0.59198	-1.68925	0.530051	1.36398	1.36398	0.24962	1.79884	1.79884	0.0182917	0.247213	-4.04509	0.0364483	0.305289	-3.27558	0.593403	1.3008	1.3008	0.689366	1.21661	1.21661	2.33436	8.80357	3.35227	1
cg13524082	THY1	0.123359	0.052663	0.154572	-6.46947	0.0570159	0.161172	-6.20455	0.172038	0.291665	-3.4286	0.256426	0.3664	-2.72926	0.273999	0.381061	-2.62425	0.293815	0.397346	-2.5167	0.00914865	0.0604549	-16.5412	0.320059	0.418587	-2.38899	0.090541	0.205838	-4.85819	2.33435	26.5598	10.1136	1
cg09032487	COASY;COASY;COASY;COASY;COASY	0.123361	0.413112	1.34781	1.34781	0.240782	0.645278	-1.54972	0.821764	1.08382	1.08382	0.793136	1.09829	1.09829	0.514359	0.789876	-1.26602	0.00815526	0.298823	-3.34646	0.0583409	0.466213	-2.14494	0.752537	0.8933	-1.11944	0.151717	0.578179	-1.72957	2.33434	4.70453	1.79143	1
cg18667319	SCAP	0.123362	0.754903	1.11356	1.11356	0.198535	0.627081	-1.59469	0.552819	0.813649	-1.22903	0.0362406	0.433298	-2.30788	0.028426	0.411336	-2.4311	0.983246	0.992814	-1.00724	0.475523	0.779418	-1.28301	0.358033	0.722794	-1.38352	0.0169769	0.367917	-2.718	2.33433	4.36122	1.66071	1
cg08860608	MAP7D3	0.123363	0.0391352	0.188968	-5.2919	0.854622	1.13657	1.13657	0.993192	0.994063	-1.00597	0.163443	2.82382	2.82382	0.129999	3.13154	3.13154	0.0637235	0.233449	-4.28359	0.798685	0.836624	-1.19528	0.114989	0.302339	-3.30754	0.424005	0.565581	-1.76809	2.33432	18.0098	6.85796	1
cg18947261	CDH23;CDH23	0.123364	0.0167219	0.291974	-3.42497	0.244282	0.598448	-1.67099	0.0838593	0.446511	-2.23959	0.226036	0.585192	-1.70884	0.0751115	0.433731	-2.30558	0.302988	0.637817	-1.56785	0.234559	0.591455	-1.69074	0.0318209	0.346299	-2.88768	0.0738253	0.431765	-2.31608	2.33431	6.56758	2.50089	1
cg08158976	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.123365	0.080875	0.19143	-5.22385	0.382099	0.46506	-2.15026	0.944985	0.942762	-1.06071	0.811297	0.815233	-1.22664	0.0294921	0.111985	-8.92979	0.156118	0.273664	-3.65412	0.0208665	0.0930303	-10.7492	0.0951086	0.208807	-4.7891	0.0825153	0.193495	-5.16808	2.33431	26.968	10.2692	1
cg04304779	FAT1	0.123365	0.0561684	0.27489	-3.63781	0.679124	0.780074	-1.28193	0.871012	0.907532	-1.10189	0.996847	0.997644	-1.00236	0.00961848	0.141282	-7.07805	0.416842	1.64122	1.64122	0.470686	0.645224	-1.54985	0.120547	0.365908	-2.73293	0.117026	0.361804	-2.76393	2.3343	13.1802	5.01893	1
cg22733133	EN2	0.123368	0.10975	0.359462	-2.78194	0.274715	1.94822	1.94822	0.132966	2.58906	2.58906	0.114049	0.364644	-2.7424	0.167368	0.421597	-2.37194	0.0532646	0.275662	-3.62763	0.11524	0.366061	-2.73179	0.871431	0.909328	-1.09971	0.928865	1.0538	1.0538	2.33428	12.7317	4.84821	1
cg10197862	TMEM20;TMEM20	0.123368	0.222027	0.704986	-1.41847	0.378764	0.782672	-1.27767	0.572253	0.856845	-1.16707	0.0626764	0.56171	-1.78028	0.0423667	0.524037	-1.90826	0.0150703	0.434051	-2.30387	0.262903	0.727948	-1.37372	0.381302	1.27591	1.27591	0.859954	1.0489	1.0489	2.46822	2.79595	0.881053	1
cg02031245	CSMD2	0.123369	0.0357481	0.393008	-2.54448	0.668199	1.17916	1.17916	0.576071	1.24098	1.24098	0.739652	0.880325	-1.13594	0.197446	0.594088	-1.68325	0.864729	1.06734	1.06734	0.953802	0.9781	-1.02239	0.212548	0.605429	-1.65172	0.00949881	0.284836	-3.51079	2.33427	5.4005	2.05651	1
cg15302744	ZNF17	0.123369	0.729216	1.04032	1.04032	0.158118	1.18725	1.18725	0.159673	0.842896	-1.18639	0.177756	1.17692	1.17692	0.13413	0.832143	-1.20172	0.647669	1.05373	1.05373	0.0197601	0.726009	-1.37739	0.80226	0.971862	-1.02895	0.520685	1.07687	1.07687	2.33427	0.478316	0.182143	1
cg18949786	NXF1;NXF1;TMEM223	0.12337	0.0413761	0.302888	-3.30155	0.390135	1.56372	1.56372	0.966705	1.02142	1.02142	0.376241	1.58566	1.58566	0.616494	1.29221	1.29221	0.290514	1.74526	1.74526	0.375509	1.58684	1.58684	0.0117987	4.93566	4.93566	0.794567	1.14165	1.14165	2.33426	9.52865	3.62851	1
cg11207372	SHANK2;SHANK2	0.123375	0.473362	0.630879	-1.58509	0.505493	0.652608	-1.53231	0.620536	1.37059	1.37059	0.745161	0.813829	-1.22876	0.00333865	0.0802101	-12.4673	0.7433	0.812552	-1.23069	0.200958	0.426073	-2.34701	0.167311	0.394629	-2.53402	0.245534	0.464305	-2.15376	2.33422	14.7502	5.61699	1
cg19121684	PXN;PXN;PXN	0.123378	0.0640099	0.504163	-1.98349	0.329581	0.71818	-1.39241	0.401824	0.754041	-1.32619	0.601572	1.18926	1.18926	0.655889	0.862814	-1.159	0.193516	1.5725	1.5725	0.128061	0.582009	-1.71819	0.141968	0.594843	-1.68112	0.0183125	0.389846	-2.56511	2.33419	4.00171	1.5239	1
cg00869285	ZNF837;ZNF837	0.123379	0.574428	0.743804	-1.34444	0.9987	1.00084	1.00084	0.0878629	0.352203	-2.83927	0.0758538	0.332549	-3.00708	?	?	?	0.0179276	0.181108	-5.52155	?	?	?	?	?	?	0.663976	0.796602	-1.25533	3.01175	7.83507	2.16792	1
cg11935317	KLHL23;C2orf77;PHOSPHO2;KLHL23;PHOSPHO2	0.123382	0.692062	0.945173	-1.05801	0.155156	0.806149	-1.24046	0.339748	1.14955	1.14955	0.464223	0.899857	-1.11129	0.585978	0.925052	-1.08102	0.0710876	0.751564	-1.33056	0.0104476	0.633423	-1.57872	0.248865	0.84305	-1.18617	0.36158	1.14207	1.14207	2.33416	0.741728	0.282463	1
cg13763232	SLC6A6;SLC6A6;SLC6A6	0.123383	0.536673	1.50792	1.50792	0.0637423	3.92848	3.92848	0.152734	2.73308	2.73308	0.588713	1.43101	1.43101	0.0164744	0.146054	-6.84676	0.277625	2.09848	2.09848	0.510956	0.645507	-1.54917	0.81962	0.860753	-1.16177	0.674428	0.757777	-1.31965	2.33415	15.9325	6.06741	1
cg13303952	C20orf144;NECAB3;NECAB3;C20orf144	0.12339	0.100456	0.745394	-1.34157	0.0103562	0.590178	-1.6944	0.545426	1.10509	1.10509	0.444011	1.1359	1.1359	0.314954	0.843935	-1.18493	0.343986	1.17255	1.17255	0.281094	0.832821	-1.20074	0.797303	1.04292	1.04292	0.220059	0.810127	-1.23437	2.33409	0.985719	0.375391	1
cg20535787	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.123391	0.732743	1.03952	1.03952	0.658356	0.950927	-1.05161	0.42066	0.911172	-1.09749	0.365471	1.11086	1.11086	0.409694	1.10003	1.10003	0.51793	0.928564	-1.07693	0.752925	1.03635	1.03635	0.017997	1.38401	1.38401	0.0163272	1.39374	1.39374	2.33408	0.472624	0.17999	1
cg13209822	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.123393	0.0577658	0.34493	-2.89914	0.0250501	0.266463	-3.75287	0.178594	0.492124	-2.03201	0.0716466	0.368645	-2.71263	0.0863657	0.390644	-2.55988	0.192242	0.504191	-1.98337	0.0279838	0.275792	-3.62592	0.665014	0.805619	-1.24128	0.360074	0.626979	-1.59495	2.33406	9.09942	3.46536	1
cg09501047	PBX1	0.123398	0.171132	0.598442	-1.67101	0.0825557	0.507894	-1.96892	0.592594	0.826707	-1.20962	0.460519	1.30308	1.30308	0.0439321	0.442283	-2.26099	0.42765	1.33022	1.33022	0.34007	0.707209	-1.41401	0.0574767	2.13188	2.13188	0.793175	1.097	1.097	2.33402	4.58902	1.74768	1
cg09147400	ABCC11;ABCC11	0.123398	0.88844	1.05113	1.05113	0.0108369	3.11702	3.11702	0.89553	1.04778	1.04778	0.484681	0.777011	-1.28698	0.71586	1.1387	1.1387	0.941755	1.0263	1.0263	0.0310056	0.406697	-2.45883	0.683452	0.864452	-1.1568	0.609853	0.832892	-1.20064	2.33402	4.66638	1.77715	1
cg05985881	PITPNM2	0.123404	0.938387	0.9642	-1.03713	0.15631	2.04443	2.04443	0.318025	0.614647	-1.62695	0.488223	1.39386	1.39386	0.0105672	0.219441	-4.55703	0.592104	1.29053	1.29053	0.807761	0.891405	-1.12182	0.675079	0.819705	-1.21995	0.0725227	0.388705	-2.57264	2.33397	8.2203	3.13069	1
cg05347635	MEGF6	0.123405	0.13508	0.659757	-1.51571	0.170402	1.45779	1.45779	0.506533	0.840304	-1.19005	0.793681	0.934572	-1.07001	0.084787	0.611345	-1.63574	0.764093	0.925239	-1.0808	0.0142371	0.45813	-2.18279	0.914244	0.972573	-1.0282	0.0919485	0.619431	-1.61439	2.33396	2.4637	0.938299	1
cg17588812	KIF1A	0.123406	0.757069	0.895199	-1.11707	0.0968734	1.91596	1.91596	0.0734678	2.0382	2.0382	0.900018	1.04587	1.04587	0.0340339	0.413639	-2.41757	0.149506	0.576149	-1.73566	0.264131	1.51483	1.51483	0.85648	0.937448	-1.06673	0.509868	0.787788	-1.26938	2.33395	4.70575	1.79219	1
cg03870370	IMMT;IMMT;IMMT	0.123408	0.897102	1.04528	1.04528	0.0146415	0.357475	-2.7974	0.0461902	2.18537	2.18537	0.404509	1.33899	1.33899	0.813154	0.922161	-1.08441	0.284309	1.46326	1.46326	0.65486	0.85728	-1.16648	0.276696	1.47288	1.47288	0.740782	0.892596	-1.12033	2.33393	4.32975	1.649	1
cg11721953	YIPF3;POLR1C;POLR1C;YIPF3	0.12341	0.183697	1.81301	1.81301	0.0959597	0.462425	-2.16251	0.366887	0.676362	-1.4785	0.987465	0.993395	-1.00665	0.869606	1.07176	1.07176	0.162162	0.532811	-1.87684	0.169097	1.85525	1.85525	0.0541724	2.51393	2.51393	0.123991	2.01922	2.01922	2.33392	6.57776	2.50518	1
cg16863332	ADO;ADO	0.123412	0.0741981	0.28578	-3.49919	0.358455	0.551842	-1.81211	0.645379	1.33874	1.33874	0.876307	0.906592	-1.10303	0.233299	0.455319	-2.19626	0.134777	0.362377	-2.75956	0.0134643	0.145713	-6.86281	0.0337049	0.209839	-4.76556	0.310739	0.516699	-1.93536	2.3339	14.6504	5.57974	1
cg18422603	CCNL1	0.123418	0.0471494	0.532182	-1.87906	0.619063	1.14933	1.14933	0.17181	0.667696	-1.49769	0.0307639	0.494346	-2.02287	0.31509	0.749417	-1.33437	0.331868	0.757299	-1.32048	0.316556	0.750115	-1.33313	0.829911	0.942012	-1.06156	0.0909319	1.67717	1.67717	2.33385	2.85023	1.08556	1
cg13052876	SRC	0.12342	0.32189	0.65788	-1.52003	0.836318	1.08834	1.08834	0.23115	0.598134	-1.67187	0.695823	0.851487	-1.17442	0.154104	0.53564	-1.86692	0.155862	0.53726	-1.8613	0.00971224	0.262229	-3.81346	0.0257262	0.338276	-2.95617	0.248131	0.610166	-1.6389	2.33383	6.18868	2.35709	1
cg11494123	PC;PC	0.123421	0.439515	1.84378	1.84378	?	?	?	0.070075	6.68904	6.68904	0.189691	3.19902	3.19902	?	?	?	0.101054	0.199537	-5.01159	?	?	?	?	?	?	0.305464	0.428084	-2.33599	4.48183	17.6748	2.36619	1
cg07474022	SRC;SRC	0.123422	0.242207	1.21031	1.21031	0.435629	1.13205	1.13205	0.360688	0.863694	-1.15782	0.170842	1.25535	1.25535	0.583248	1.09025	1.09025	0.326262	1.17123	1.17123	0.00848436	0.592165	-1.68872	0.825697	1.03499	1.03499	0.975069	1.00489	1.00489	2.33382	0.898862	0.342352	1
cg01940425	OTX1	0.123422	0.469456	0.395683	-2.52728	0.101119	9.59999	9.59999	0.0528224	16.0035	16.0035	0.184966	5.87766	5.87766	0.914486	0.873434	-1.14491	0.324849	3.59967	3.59967	0.825694	0.757397	-1.32031	0.0118488	52.3633	52.3633	0.253107	4.49845	4.49845	2.33381	58.6641	22.3436	1
cg17965764	DDI2	0.123422	0.0314128	0.500473	-1.99811	0.459257	1.22956	1.22956	0.0513186	1.83769	1.83769	0.769911	1.08376	1.08376	0.0794693	0.586342	-1.70549	0.548562	0.846644	-1.18113	0.883548	0.960603	-1.04101	0.388395	1.27434	1.27434	0.310763	0.750051	-1.33324	2.33381	2.77985	1.05877	1
cg14060836	ISCA1;ISCA1	0.123425	0.615849	1.26178	1.26178	0.862571	1.08289	1.08289	0.395896	0.670572	-1.49126	0.191919	1.8869	1.8869	0.72015	1.17981	1.17981	0.969648	1.01764	1.01764	0.0133232	4.09335	4.09335	0.0473626	0.352471	-2.83711	0.579092	0.772943	-1.29376	2.33379	7.80889	2.97423	1
cg02046995	EP300;MIR1281	0.123429	0.989127	0.996532	-1.00348	0.16083	1.46509	1.46509	0.774467	1.076	1.076	0.861006	1.0457	1.0457	0.498426	1.19152	1.19152	0.821592	0.944039	-1.05928	0.00438232	0.379011	-2.63844	0.678829	1.112	1.112	0.627262	1.13289	1.13289	2.33375	2.40292	0.915234	1
cg13485809	PCGF3	0.12343	0.479305	0.791416	-1.26356	0.105226	1.77854	1.77854	0.570464	1.20504	1.20504	0.30681	0.708832	-1.41077	0.0251722	0.420597	-2.37757	0.821556	1.07625	1.07625	0.110272	1.76146	1.76146	0.379104	1.34113	1.34113	0.216521	0.655072	-1.52655	2.33375	3.91077	1.48955	1
cg02246665	HCFC2	0.123432	0.898873	1.03397	1.03397	0.0220673	2.05712	2.05712	0.556226	1.16927	1.16927	0.0159816	0.460695	-2.17063	0.790938	1.0723	1.0723	0.816419	0.940729	-1.06301	0.531176	1.18136	1.18136	0.948612	1.01708	1.01708	0.360049	1.28049	1.28049	2.33373	2.55155	0.971855	1
cg16380632	CAMTA1	0.123434	0.239522	1.54089	1.54089	0.411913	0.744893	-1.34247	0.0591505	0.473335	-2.11267	0.265373	0.665343	-1.50298	0.135957	0.56891	-1.75775	0.986235	0.993962	-1.00607	0.123832	0.557073	-1.7951	0.0701363	2.03549	2.03549	0.193019	0.61657	-1.62187	2.33371	4.55466	1.73483	1
cg15483436	PACS2;PACS2	0.123437	0.561181	0.764093	-1.30874	0.61752	1.25929	1.25929	0.821515	0.901698	-1.10902	0.579875	0.774097	-1.29183	0.00322725	0.158793	-6.29752	0.275513	0.59482	-1.68118	0.166029	0.508442	-1.96679	0.286865	0.602634	-1.65938	0.297005	0.609489	-1.64072	2.33369	7.75095	2.9523	1
cg07236424	SNORD43;RPL3;RPL3	0.123438	0.0985049	0.852107	-1.17356	0.488207	1.06418	1.06418	0.0642276	1.20163	1.20163	0.918695	0.991021	-1.00906	0.791451	0.976863	-1.02369	0.118496	0.860967	-1.16149	0.0394271	0.810212	-1.23424	0.334209	0.915783	-1.09196	0.188385	0.884166	-1.13101	2.33368	0.28838	0.109843	1
cg11828820	ZSCAN20	0.12344	0.168604	0.490669	-2.03803	0.0140448	0.229525	-4.35683	0.38538	0.649263	-1.54021	0.410879	1.50401	1.50401	0.159037	0.481651	-2.07619	0.293711	0.589416	-1.6966	0.159077	0.48169	-2.07603	0.0654323	0.366541	-2.72821	0.490497	1.40485	1.40485	2.33366	8.70631	3.31623	1
cg05797186	RBBP4;RBBP4;RBBP4;ZBTB8OS;ZBTB8OS	0.123443	0.58805	0.705821	-1.41679	0.402633	1.72766	1.72766	0.614339	1.38211	1.38211	0.57315	1.43723	1.43723	?	?	?	0.0904761	0.299793	-3.33563	0.0147735	0.139056	-7.19135	0.0870417	0.295001	-3.38982	0.720971	0.795903	-1.25643	2.48851	13.8773	4.87948	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07380095	PLEKHG1	0.123445	0.87309	1.08128	1.08128	0.0765326	0.381711	-2.61978	0.101271	0.41597	-2.40402	0.811519	0.889782	-1.12387	0.00756179	0.186428	-5.36399	0.25978	0.562906	-1.7765	0.133217	0.453018	-2.20742	0.676521	1.22765	1.22765	0.41316	0.664331	-1.50527	2.33362	8.83163	3.36401	1
cg04723601	TMEM109	0.123445	0.460301	0.515317	-1.94055	0.900237	0.895289	-1.11696	0.994287	1.00633	1.00633	0.27468	0.367015	-2.72468	0.00533844	0.0392938	-25.4493	?	?	?	?	?	?	0.302205	0.389606	-2.5667	0.701341	1.40473	1.40473	2.38316	22.8333	10.9499	1
cg11236795	MCF2L2	0.123448	0.0273282	0.425538	-2.34996	0.184871	1.58431	1.58431	0.0398215	0.459502	-2.17627	0.2898	0.698014	-1.43264	0.127963	0.58363	-1.71341	0.431113	0.76879	-1.30074	0.627153	1.17371	1.17371	0.206307	0.646494	-1.54681	0.258566	0.679955	-1.47069	2.33359	3.95729	1.50737	1
cg11606826	ABCF1;ABCF1	0.123448	0.0320206	0.271451	-3.68391	0.705636	1.21771	1.21771	0.195059	0.490946	-2.03688	0.90916	1.06104	1.06104	0.0908394	0.380241	-2.62991	0.0987908	0.390811	-2.55878	0.0469146	0.307067	-3.25662	0.577678	1.33905	1.33905	0.0914211	0.381033	-2.62444	2.33359	9.95807	3.79313	1
cg07738268	PKDREJ	0.12345	0.983444	1.00288	1.00288	0.352341	1.14186	1.14186	0.400663	0.887594	-1.12664	0.127393	1.25671	1.25671	0.145621	1.2418	1.2418	0.0266016	1.43944	1.43944	0.0163612	1.50197	1.50197	0.973696	1.00458	1.00458	0.849862	1.02661	1.02661	2.33358	0.710049	0.270467	1
cg09276531	TBCB	0.123451	0.0226092	7.86701	7.86701	0.0638382	4.82591	4.82591	0.6496	1.41281	1.41281	0.285419	2.31239	2.31239	0.578885	1.52744	1.52744	0.40803	1.89536	1.89536	0.156635	3.14162	3.14162	0.0210633	8.13674	8.13674	0.0534318	5.2465	5.2465	2.33357	21.098	8.03654	1
ch.6.115952F	PRPF4B	0.123451	0.0179917	0.169264	-5.90792	0.0737107	0.291699	-3.42819	0.0317031	0.21092	-4.74113	0.108823	0.339337	-2.94692	0.0513356	0.253826	-3.9397	0.259798	0.483631	-2.06769	0.228375	0.457818	-2.18427	0.604341	0.723945	-1.38132	0.414728	0.597374	-1.67399	2.33357	14.1143	5.37634	1
cg18134731	RSBN1L	0.123453	0.250398	1.29324	1.29324	0.674825	0.913622	-1.09455	0.823651	1.04895	1.04895	0.0308243	1.72105	1.72105	0.163511	0.727325	-1.3749	0.379967	0.824627	-1.21267	0.487797	0.859918	-1.1629	0.665447	1.09762	1.09762	0.0344166	0.589652	-1.69592	2.33355	1.69414	0.645329	1
cg10911660	ZNF585A;ZNF585A	0.123456	0.612696	0.886005	-1.12866	0.0556589	1.67219	1.67219	0.0581765	1.66132	1.66132	0.735635	0.922796	-1.08366	0.779768	1.06872	1.06872	0.522045	0.857406	-1.16631	0.0512023	0.590715	-1.69286	0.178137	0.712321	-1.40386	0.403927	0.816695	-1.22445	2.33352	2.07752	0.791372	1
cg10863168	UBE2O	0.123457	0.254645	1.22243	1.22243	0.584007	1.09786	1.09786	0.191807	0.791903	-1.26278	0.234116	0.810088	-1.23443	0.105497	0.74184	-1.348	0.232153	1.23563	1.23563	0.0345165	1.51632	1.51632	0.807462	0.959611	-1.04209	0.209489	0.799836	-1.25026	2.33352	1.05373	0.401388	1
cg04026926	TSPAN32;C11orf21;C11orf21	0.12346	0.0420138	0.408544	-2.44772	0.149917	0.554489	-1.80346	0.44266	0.741525	-1.34857	0.112159	0.516434	-1.93636	0.0368255	0.395954	-2.52554	0.436078	0.738191	-1.35466	0.0184578	0.335575	-2.97996	0.195908	0.59304	-1.68623	0.0935504	0.494303	-2.02305	2.33349	5.39394	2.05469	1
cg17072805	CALCA;CALCA;CALCA	0.123462	0.471305	1.37815	1.37815	0.988986	1.00606	1.00606	0.565772	1.28931	1.28931	0.372052	0.669549	-1.49354	0.279304	0.611197	-1.63613	0.413103	0.693327	-1.44232	0.139428	0.498484	-2.00608	0.00832148	4.37678	4.37678	0.65957	1.21414	1.21414	2.33347	7.08064	2.69723	1
cg06953601	TRAM2;TRAM2	0.123463	0.377879	0.866167	-1.15451	0.611318	0.921839	-1.08479	0.325103	1.17511	1.17511	0.826357	0.965712	-1.03551	0.148387	0.781783	-1.27913	0.396491	0.871201	-1.14784	0.0936998	1.34007	1.34007	0.020226	1.55999	1.55999	0.220073	1.22723	1.22723	2.33347	0.931951	0.355008	1
cg15422579	EIF1AY	0.123465	0.0424922	0.434362	-2.30223	0.790034	1.09994	1.09994	0.637398	1.18468	1.18468	0.518001	1.26356	1.26356	0.163196	0.587862	-1.70108	0.0219952	0.375055	-2.66627	0.798053	0.91254	-1.09584	0.858663	1.06569	1.06569	0.0539267	0.457922	-2.18378	2.33344	4.70885	1.79376	1
cg05120428	AFAP1L2;AFAP1L2	0.123466	0.167805	0.487389	-2.05175	0.100862	0.415415	-2.40723	0.0932246	0.405458	-2.46635	0.58322	1.31114	1.31114	0.0615127	0.3571	-2.80034	0.274866	0.573842	-1.74264	0.373376	0.639711	-1.56321	0.059171	2.83357	2.83357	0.948883	0.969142	-1.03184	2.33344	8.8327	3.36468	1
cg25238189	STK32C	0.123472	0.542158	1.30676	1.30676	0.0159625	3.59431	3.59431	0.0277818	3.0886	3.0886	0.44899	1.3973	1.3973	0.484239	0.734746	-1.36102	0.410917	1.43993	1.43993	0.257684	0.599196	-1.6689	0.209613	1.77424	1.77424	0.593033	1.26354	1.26354	2.33339	6.94817	2.64686	1
cg19659689	CCDC87;CCS	0.123472	0.204124	1.25067	1.25067	0.381144	1.16175	1.16175	0.0143786	1.65467	1.65467	0.0999319	1.35106	1.35106	0.344717	1.17638	1.17638	0.164379	1.28097	1.28097	0.0989852	0.739418	-1.35242	0.503404	1.12001	1.12001	0.79933	1.04343	1.04343	2.33339	1.02947	0.39217	1
cg13740598	LSM4	0.123474	0.780882	0.867359	-1.15292	0.383278	1.57813	1.57813	0.00527808	6.53231	6.53231	0.970529	1.01903	1.01903	0.286337	0.568349	-1.75948	0.650756	0.792496	-1.26184	0.312662	1.70395	1.70395	0.181805	2.06113	2.06113	0.71694	0.83044	-1.20418	2.33337	9.62349	3.66604	1
cg17431952	KCNN2;KCNN2	0.123475	0.57878	0.790909	-1.26437	0.0841947	2.2236	2.2236	0.0343342	0.356083	-2.80834	0.67653	0.839038	-1.19184	0.126563	1.99629	1.99629	0.263316	1.62868	1.62868	0.10135	2.11773	2.11773	0.287004	1.58795	1.58795	0.909837	1.04852	1.04852	2.33337	6.46569	2.46309	1
cg02947418	LOC644649	0.123475	0.872947	1.0338	1.0338	0.691437	0.920482	-1.08639	0.0296803	0.587668	-1.70164	0.434707	0.847434	-1.18003	0.223388	0.766667	-1.30435	0.230483	0.770065	-1.29859	0.0288827	1.70767	1.70767	0.815269	1.04981	1.04981	0.221508	0.765754	-1.3059	2.33336	1.59416	0.607291	1
cg02917399	EHMT2;EHMT2	0.123479	0.855651	1.04381	1.04381	0.35164	0.797957	-1.2532	0.10903	0.662653	-1.50909	0.0589171	1.65246	1.65246	0.894287	0.969181	-1.0318	0.0649994	0.613927	-1.62886	0.124198	1.47991	1.47991	0.371618	1.2411	1.2411	0.265308	1.31434	1.31434	2.33333	2.04882	0.780504	1
cg10366439	NCRNA00116	0.123479	0.0575367	0.18606	-5.3746	0.0221695	0.116814	-8.56063	0.585249	0.649552	-1.53952	0.387733	0.499999	-2	0.355978	0.475502	-2.10304	0.282891	0.41744	-2.39556	0.0329018	0.141758	-7.05427	0.184741	0.332411	-3.00832	0.297283	2.33037	2.33037	2.33333	22.654	8.63012	1
cg13433951	PTPRF;PTPRF	0.12348	0.029864	0.231361	-4.32225	0.345213	0.573022	-1.74513	0.414106	0.619908	-1.61314	0.230072	0.486152	-2.05697	0.0223752	0.208583	-4.79425	0.5198	0.688173	-1.45312	0.0165048	0.186795	-5.35348	0.429284	0.629927	-1.58748	0.184613	0.446654	-2.23887	2.33331	12.1233	4.61844	1
cg03405781	SLC9A4	0.123484	0.402267	0.606553	-1.64866	0.24928	2.01842	2.01842	0.361367	0.578543	-1.72848	0.26224	0.505706	-1.97743	0.00385828	0.10324	-9.68617	0.524255	0.686335	-1.45701	0.862925	1.10604	1.10604	0.528715	0.689186	-1.45099	0.648526	0.765172	-1.3069	2.33328	12.5707	4.78893	1
cg19601144	ZNF710	0.123485	0.991191	1.00413	1.00413	0.493276	0.771222	-1.29664	0.0868151	0.493539	-2.02618	0.638557	0.838076	-1.19321	0.0492616	0.432593	-2.31164	0.281601	0.658488	-1.51863	0.11149	1.91027	1.91027	0.0588398	2.21833	2.21833	0.839372	0.927022	-1.07872	2.33327	5.15159	1.96256	1
cg18812977	PHF16;PHF16	0.123486	0.0491347	3.42767	3.42767	0.0735867	0.334842	-2.98648	0.210097	0.484592	-2.06359	0.761264	0.846081	-1.18192	0.121031	0.397657	-2.51473	0.368533	1.65963	1.65963	0.122786	2.50209	2.50209	0.62222	1.31311	1.31311	0.669521	1.26554	1.26554	2.33327	11.1177	4.23542	1
cg01203773	CLIC5;CLIC5	0.123489	?	?	?	0.241107	1.62798	1.62798	?	?	?	0.584353	1.24177	1.24177	0.151338	0.540153	-1.85133	0.060518	0.421292	-2.37365	?	?	?	0.118949	0.506007	-1.97626	0.108832	0.493992	-2.02433	2.7303	4.18878	1.53418	1
cg14972721	MAD1L1;MAD1L1;MAD1L1	0.12349	0.829003	1.06548	1.06548	0.315518	0.737618	-1.35572	0.0715496	0.554292	-1.8041	0.403429	0.77824	-1.28495	0.023983	0.453989	-2.20269	0.541273	1.19883	1.19883	0.0466578	0.512729	-1.95035	0.578871	1.1787	1.1787	0.0860665	0.573386	-1.74403	2.33323	3.17761	1.21057	1
cg17097992	HPCAL1;HPCAL1	0.123491	?	?	?	0.803821	1.18538	1.18538	0.285225	2.15621	2.15621	?	?	?	?	?	?	?	?	?	0.24062	2.34642	2.34642	0.143623	3.00866	3.00866	0.0441442	0.189572	-5.27503	2.77019	10.822	4.68793	1
cg13899097	RARRES3	0.123494	0.285008	0.649915	-1.53866	0.447168	0.740352	-1.35071	0.0160005	0.31845	-3.14021	0.166304	0.563989	-1.77308	0.0783328	0.468202	-2.13583	0.356596	0.692174	-1.44472	0.0993895	0.496158	-2.01549	0.0423748	0.403677	-2.47723	0.0469952	0.41387	-2.41622	2.3332	5.56384	2.11968	1
cg02992705	ZFPM1	0.123495	0.0638663	1.7171	1.7171	0.440253	1.22665	1.22665	0.10883	1.57445	1.57445	0.0276602	1.96551	1.96551	0.185924	1.43909	1.43909	0.26489	0.739641	-1.35201	0.831206	0.946104	-1.05697	0.533522	0.849017	-1.17783	0.106845	1.57923	1.57923	2.33319	2.48937	0.948389	1
cg09991946	PRKCH	0.123498	0.0350305	3.26355	3.26355	0.0965623	2.40748	2.40748	0.740384	1.17367	1.17367	0.403472	0.66252	-1.50939	0.103396	0.424095	-2.35796	0.533447	0.738051	-1.35492	0.851504	0.913705	-1.09444	0.227282	1.84118	1.84118	0.0958853	2.41262	2.41262	2.33316	8.5696	3.26485	1
cg17588713	CDH4	0.123502	0.137786	0.647794	-1.5437	0.488097	0.825828	-1.21091	0.122479	0.634639	-1.5757	0.727313	1.09978	1.09978	0.757973	0.919457	-1.0876	0.69973	0.900064	-1.11103	0.449545	1.23287	1.23287	0.155025	0.661365	-1.51202	0.00614466	0.378618	-2.64118	2.33313	2.72739	1.0391	1
cg09524613	UST	0.123507	0.113709	0.378939	-2.63894	0.226073	0.48834	-2.04775	0.139569	0.40802	-2.45086	0.62058	0.754753	-1.32494	0.973239	1.01909	1.01909	0.221174	2.06501	2.06501	0.146934	0.415737	-2.40537	0.0300556	4.21536	4.21536	0.498293	0.678665	-1.47348	2.33309	11.7476	4.47576	1
cg18236571	PABPC4L	0.123509	0.0579919	0.261374	-3.82594	0.122789	0.35101	-2.84892	0.669453	0.764228	-1.30851	0.155752	0.386364	-2.58823	0.00671943	0.110712	-9.03247	0.301151	0.511301	-1.95579	0.093041	0.314435	-3.18031	0.326259	0.530136	-1.88631	0.239072	0.462086	-2.1641	2.33307	14.4867	5.51935	1
cg24991452	MAPK14;MAPK14;MAPK14;MAPK14	0.123512	0.226075	0.725352	-1.37864	0.844269	1.05093	1.05093	0.214193	1.39145	1.39145	0.451519	1.21381	1.21381	0.0385951	0.545961	-1.83163	0.951492	0.98475	-1.01549	0.65313	0.892013	-1.12106	0.208816	1.39749	1.39749	0.0321104	1.88538	1.88538	2.33304	2.35775	0.898303	1
cg00059930	RB1	0.123512	0.259726	1.42839	1.42839	0.491371	1.2361	1.2361	0.149924	1.59698	1.59698	0.737334	1.10747	1.10747	0.0305685	2.16113	2.16113	0.0307761	2.15836	2.15836	0.398822	0.769538	-1.29948	0.0347352	2.10955	2.10955	0.370652	1.32154	1.32154	2.33304	3.39839	1.29479	1
cg03564557	TMEM184A	0.123513	0.137163	0.438113	-2.28252	0.462601	0.680158	-1.47025	0.93399	0.958199	-1.04362	0.269436	0.552771	-1.80907	0.0872599	0.377862	-2.64647	0.217891	0.512669	-1.95058	0.0238094	0.248963	-4.01666	0.0114957	0.196006	-5.1019	0.267783	0.551546	-1.81309	2.33304	9.81749	3.74047	1
cg06529459	NUDT8	0.123514	0.628709	0.917804	-1.08956	0.00790096	0.548948	-1.82167	0.125938	1.33841	1.33841	0.53562	0.895454	-1.11675	0.677725	1.07634	1.07634	0.284022	0.82208	-1.21643	0.436687	1.1499	1.1499	0.225109	0.799095	-1.25142	0.618074	0.91532	-1.09251	2.33303	1.14496	0.436234	1
cg00758217	SSBP3;SSBP3;SSBP3	0.123515	0.994883	0.998031	-1.00197	0.343537	1.34969	1.34969	0.0269951	0.447171	-2.23628	0.936967	0.975986	-1.0246	0.111353	0.586847	-1.70402	0.857992	1.05659	1.05659	0.0993179	1.74235	1.74235	0.884401	0.956274	-1.04573	0.0629112	0.525696	-1.90224	2.33301	3.48988	1.32966	1
cg07835668	PPOX;PPOX	0.123518	0.578096	1.51611	1.51611	0.897319	0.908926	-1.1002	?	?	?	?	?	?	0.108036	0.268613	-3.72283	?	?	?	0.226091	2.57834	2.57834	0.265737	0.421839	-2.37057	0.0357196	6.36875	6.36875	2.54647	14.396	6.59555	1
cg07555125	PCDHA1;PCDHA1;PCDHA2;PCDHA2	0.123522	0.282672	1.59246	1.59246	0.12425	2.00119	2.00119	0.257058	1.63723	1.63723	0.252553	1.64562	1.64562	0.0248218	3.04469	3.04469	0.17559	1.82265	1.82265	0.00945061	3.9388	3.9388	0.131327	1.97181	1.97181	0.574506	1.26671	1.26671	2.33296	6.41854	2.44555	1
cg14825384	CASP7;CASP7;CASP7;CASP7	0.123522	0.733997	0.906961	-1.10258	0.226265	1.43876	1.43876	0.230919	1.43306	1.43306	0.303402	1.3569	1.3569	0.0209496	2.21532	2.21532	0.475825	1.23072	1.23072	0.340416	0.754805	-1.32485	0.635712	1.1464	1.1464	0.0166648	2.30922	2.30922	2.33296	3.02888	1.15404	1
cg20159415	MAML3	0.123522	0.391547	1.17605	1.17605	0.205594	0.781397	-1.27976	0.0340294	0.633151	-1.5794	0.793935	0.952795	-1.04954	0.181631	1.29943	1.29943	0.101797	1.39216	1.39216	0.0730645	1.44671	1.44671	0.769587	1.05576	1.05576	0.778435	1.05349	1.05349	2.33296	1.26081	0.480386	1
cg00286621	CD164L2	0.123522	0.132134	2.32065	2.32065	0.696747	0.816373	-1.22493	0.115296	2.42776	2.42776	0.615316	0.769149	-1.30014	0.152167	0.451749	-2.21362	0.990088	1.00646	1.00646	0.989529	0.993225	-1.00682	0.0105576	5.29313	5.29313	0.612855	1.30256	1.30256	2.33296	9.91565	3.778	1
cg00510437	GIT2;GIT2;GIT2;GIT2;GIT2	0.123524	0.598533	1.42707	1.42707	0.0118252	8.19777	8.19777	0.0507515	4.43628	4.43628	0.85333	1.13187	1.13187	0.550511	1.49824	1.49824	0.591417	1.4372	1.4372	0.0833549	3.60737	3.60737	0.143134	2.86697	2.86697	0.326017	0.507243	-1.97144	2.33294	16.5535	6.30717	1
cg04338119	BANP;BANP	0.123526	0.0295412	0.406706	-2.45878	0.875287	0.946348	-1.05669	0.22767	1.5599	1.5599	0.973723	0.988502	-1.01163	0.0563279	0.468252	-2.1356	0.885552	0.950691	-1.05187	0.0669702	0.486284	-2.05641	0.208897	1.59214	1.59214	0.56293	0.814362	-1.22796	2.33292	4.55468	1.73542	1
cg17723355	STAM	0.123526	0.0144507	0.0936102	-10.6826	0.18426	2.84128	2.84128	0.306286	0.459168	-2.17785	0.900488	0.913202	-1.09505	0.113763	0.275832	-3.6254	0.990139	0.991072	-1.00901	?	?	?	0.316176	0.46714	-2.14069	0.400422	1.8774	1.8774	2.67538	18.8893	5.29532	1
cg16939364	XKR4	0.123527	0.458866	0.883937	-1.1313	0.471895	1.12715	1.12715	0.264496	1.20953	1.20953	0.258562	0.82463	-1.21266	0.440936	0.879376	-1.13717	0.20852	0.805034	-1.24218	0.013826	0.607954	-1.64486	0.462228	1.13022	1.13022	0.164438	1.2746	1.2746	2.33292	0.988568	0.376664	1
cg11813009	CTDSPL2	0.123527	0.414346	1.17971	1.17971	0.798263	1.05204	1.05204	0.0224034	0.581662	-1.71921	0.271465	1.25451	1.25451	0.827021	0.957579	-1.0443	0.267281	1.25722	1.25722	0.0287562	1.66672	1.66672	0.936141	1.016	1.016	0.30897	1.23189	1.23189	2.33291	1.44948	0.552283	1
cg11753750	UNC84B	0.123529	0.557065	0.761843	-1.31261	0.925937	0.958308	-1.04351	0.798596	1.12425	1.12425	0.943612	0.96812	-1.03293	0.0414959	0.340703	-2.93511	0.2468	1.74141	1.74141	0.0362936	3.04922	3.04922	0.109103	2.22616	2.22616	0.159743	1.98991	1.98991	2.3329	7.75126	2.95341	1
cg09982942	FBLN7;FBLN7	0.123529	0.16356	2.41814	2.41814	0.226398	2.12616	2.12616	0.514937	1.48013	1.48013	0.0826173	3.13183	3.13183	0.26403	0.500874	-1.99651	0.120604	2.71767	2.71767	0.0982519	2.93573	2.93573	0.0147332	5.94531	5.94531	0.472836	1.54282	1.54282	2.3329	13.0307	4.96498	1
cg15853169	SNED1	0.123531	0.59718	1.12864	1.12864	0.827794	0.951769	-1.05067	0.596075	0.885695	-1.12906	0.66424	0.905654	-1.10417	0.602158	0.887504	-1.12676	0.126036	1.45588	1.45588	0.00532898	0.434734	-2.30026	0.705062	1.09011	1.09011	0.468534	1.18216	1.18216	2.33288	1.90229	0.724823	1
cg10360121	BRMS1L	0.123532	0.266272	1.41275	1.41275	0.156873	0.636562	-1.57094	0.127862	0.611977	-1.63405	0.465809	1.24783	1.24783	0.0234753	2.24194	2.24194	0.175189	0.650447	-1.5374	0.890397	0.959704	-1.04199	0.869854	0.952261	-1.05013	0.248792	1.43278	1.43278	2.33287	3.28789	1.25278	1
cg20864636	GARNL3	0.12354	0.701988	0.741391	-1.34882	0.339235	2.15256	2.15256	0.0228643	8.3254	8.3254	0.309596	2.2668	2.2668	0.0477012	0.171647	-5.8259	0.33414	2.17123	2.17123	0.0947233	4.17607	4.17607	0.958917	0.9607	-1.04091	0.652884	1.42243	1.42243	2.3328	22.3808	8.52795	1
cg09987231	MTA1	0.123543	0.362713	0.678747	-1.4733	0.0329022	2.81107	2.81107	0.282879	1.58756	1.58756	0.616832	1.23239	1.23239	0.144094	0.522035	-1.91558	0.326204	0.657124	-1.52178	0.101455	0.475784	-2.1018	0.158675	1.86656	1.86656	0.651371	1.20734	1.20734	2.33278	6.33921	2.41551	1
cg12530050	TBX3;TBX3;TBX3;TBX3	0.123546	0.447292	0.769718	-1.29918	0.111575	1.7961	1.7961	0.681385	0.869791	-1.1497	0.348573	1.38556	1.38556	0.798899	1.0901	1.0901	0.767052	1.1056	1.1056	0.666462	1.15781	1.15781	0.00391517	3.71417	3.71417	0.819127	1.08047	1.08047	2.33275	4.21876	1.60755	1
cg16636104	LHFPL3	0.123551	0.369842	0.543699	-1.83925	0.0312834	0.187908	-5.32176	0.939147	1.05182	1.05182	0.297736	2.04265	2.04265	0.359626	0.53622	-1.86491	0.481069	0.622581	-1.60622	0.0674204	0.257707	-3.88038	0.0631708	3.98583	3.98583	0.754311	1.23088	1.23088	2.33271	16.1747	6.16344	1
cg22459052	SLC6A7	0.123558	0.856977	0.954484	-1.04769	0.942365	1.01885	1.01885	0.0329884	0.525238	-1.9039	0.0529392	0.566661	-1.76472	0.174596	0.688746	-1.45191	0.802552	1.06684	1.06684	0.0834089	1.64027	1.64027	0.992409	0.997546	-1.00246	0.13152	0.656777	-1.52259	2.33265	2.46347	0.938737	1
cg09148975	C1orf122;C1orf122;YRDC	0.123559	0.06626	1.47799	1.47799	0.167722	0.756649	-1.32162	0.581375	0.899773	-1.11139	0.117939	1.37984	1.37984	0.760362	1.05973	1.05973	0.661537	1.08713	1.08713	0.0238997	0.599825	-1.66715	0.762904	0.944238	-1.05906	0.446619	0.863196	-1.15849	2.33264	1.32869	0.506318	1
cg00931877	PRPF18	0.12356	0.369267	0.759032	-1.31747	0.0861306	0.567235	-1.76294	0.0504974	0.513529	-1.94731	0.201133	1.49731	1.49731	0.628037	1.15717	1.15717	0.733894	0.903007	-1.10741	0.194093	1.50801	1.50801	0.304541	1.37428	1.37428	0.0842768	0.564927	-1.77014	2.33264	3.30282	1.25859	1
cg00341742	RPRM	0.123562	0.686809	1.13948	1.13948	0.0447697	2.10031	2.10031	0.550979	0.823379	-1.21451	0.137015	0.596917	-1.67527	0.075332	1.8924	1.8924	0.205165	0.650112	-1.5382	0.385542	0.750836	-1.33185	0.34331	1.36955	1.36955	0.154786	1.63322	1.63322	2.33262	3.83359	1.46086	1
cg03300268	DEXI;DEXI	0.123564	0.295184	1.78149	1.78149	0.647974	1.27701	1.27701	0.773503	1.1659	1.1659	0.745247	1.18936	1.18936	0.226289	1.96562	1.96562	0.307169	1.75472	1.75472	0.0132352	5.12051	5.12051	0.0395066	3.54907	3.54907	0.0244416	4.16242	4.16242	2.3326	10.4525	3.98317	1
cg05479416	CACNA1H;CACNA1H	0.123569	0.0690464	0.627769	-1.59294	0.182496	1.38234	1.38234	0.413047	1.21108	1.21108	0.390937	0.817772	-1.22284	0.0496114	0.598929	-1.66965	0.630865	0.895119	-1.11717	0.432202	1.20135	1.20135	0.0503971	0.600268	-1.66592	0.288934	0.777301	-1.2865	2.33255	1.93483	0.737324	1
cg14662756	NPFF;NPFF	0.12357	0.315723	1.3068	1.3068	0.908609	1.03006	1.03006	0.281953	1.33431	1.33431	0.340554	1.28833	1.28833	0.107086	1.57419	1.57419	0.128615	1.52752	1.52752	0.00715054	2.44964	2.44964	0.0780152	1.65717	1.65717	0.0849731	1.63447	1.63447	2.33255	2.45799	0.936691	1
cg22354782	NGF	0.123571	0.0697053	12.2167	12.2167	0.0765998	11.3611	11.3611	0.251153	4.38999	4.38999	0.237854	4.59775	4.59775	0.0483915	16.163	16.163	0.275516	4.05382	4.05382	0.991546	0.987013	-1.01316	0.0134801	43.5501	43.5501	0.121252	7.94807	7.94807	2.33254	56.2378	21.4312	1
cg11800117	C11orf75	0.123576	0.28848	0.546005	-1.83149	0.254419	0.52022	-1.92226	0.793986	1.15456	1.15456	0.367809	1.66197	1.66197	0.0520159	0.297035	-3.36661	0.105779	0.378985	-2.63862	0.0412212	0.274385	-3.64452	0.0303338	0.247074	-4.04738	0.664143	0.7867	-1.27113	2.3325	11.1403	4.24543	1
cg04222344	STK25	0.123576	0.639855	1.16329	1.16329	0.0994084	1.78547	1.78547	0.0898444	1.82234	1.82234	0.486	1.25509	1.25509	0.0141012	0.378157	-2.64441	0.739005	1.11329	1.11329	0.367426	0.742922	-1.34604	0.944379	1.02265	1.02265	0.691199	0.879721	-1.13672	2.3325	3.80558	1.45026	1
cg08949735	DPEP1;DPEP1	0.123576	0.852989	0.936253	-1.06809	0.191252	1.63449	1.63449	0.796101	1.09631	1.09631	0.726012	1.13307	1.13307	0.0519552	0.456036	-2.19281	0.267448	0.663508	-1.50714	0.0886784	0.513329	-1.94807	0.0208228	0.372391	-2.68535	0.327577	0.698478	-1.43169	2.33249	4.65781	1.77504	1
cg10813644	OAZ1	0.123577	0.434601	1.73357	1.73357	0.347803	0.512713	-1.95041	0.0202896	7.26857	7.26857	0.989371	0.990877	-1.00921	0.0294298	0.163493	-6.11648	0.641409	1.38133	1.38133	0.340697	0.507306	-1.9712	0.706011	1.29811	1.29811	0.635872	0.719995	-1.3889	2.4662	18.0991	5.70799	1
cg18778347	MGMT	0.123579	0.100014	0.316206	-3.1625	0.0128109	0.138764	-7.20651	0.0459222	0.231864	-4.31288	0.370732	0.555888	-1.79892	0.285192	0.492058	-2.03228	0.164585	0.3878	-2.57865	0.0617847	0.260835	-3.83383	0.0795953	0.288522	-3.46594	0.44587	0.608704	-1.64283	2.33247	15.0766	5.74557	1
cg17911882	CDC37L1	0.123579	0.144347	0.753412	-1.3273	0.177091	1.29569	1.29569	0.031993	1.57411	1.57411	0.386887	0.852015	-1.17369	0.581046	0.904255	-1.10588	0.5298	1.12179	1.12179	0.0504816	0.668651	-1.49555	0.787543	1.04998	1.04998	0.544523	1.11711	1.11711	2.33247	1.20438	0.458981	1
cg15832905	HCCA2;FAM99B	0.123579	0.526135	1.21967	1.21967	0.198475	0.656965	-1.52215	0.017873	0.410692	-2.43492	0.993864	1.00238	1.00238	0.81354	1.07578	1.07578	0.430114	0.779596	-1.28272	0.032752	2.16468	2.16468	0.859337	0.946637	-1.05637	0.577435	1.19005	1.19005	2.33247	3.53062	1.3455	1
cg24215635	MTUS2;MTUS2	0.12358	0.557874	1.15153	1.15153	0.600113	0.88167	-1.13421	0.0128557	0.479274	-2.08649	0.214407	0.732576	-1.36505	0.350227	0.795392	-1.25724	0.628439	1.1231	1.1231	0.115115	1.50361	1.50361	0.115541	0.665437	-1.50277	0.466175	0.838155	-1.1931	2.33246	2.09387	0.797963	1
cg21384021	ASPSCR1	0.123582	0.636227	1.07707	1.07707	0.005674	1.7602	1.7602	0.135155	1.28526	1.28526	0.43287	0.882749	-1.13283	0.251293	1.20535	1.20535	0.781153	1.04435	1.04435	0.122193	1.29826	1.29826	0.288185	1.18746	1.18746	0.834129	0.967853	-1.03321	2.33245	0.896943	0.341822	1
cg27208169	RAI1	0.123582	0.0459217	3.87589	3.87589	0.490908	1.51336	1.51336	0.284664	1.93112	1.93112	0.118272	2.72988	2.72988	0.855668	0.897793	-1.11384	0.176045	2.34397	2.34397	0.682301	0.783719	-1.27597	0.0158622	5.7518	5.7518	0.0588463	3.53805	3.53805	2.33244	12.9529	4.93633	1
cg05736785	IL17REL	0.123584	0.157521	1.58175	1.58175	0.199295	0.662694	-1.50899	0.810086	0.929564	-1.07577	0.0188466	2.37047	2.37047	0.620029	0.859306	-1.16373	0.228467	1.46736	1.46736	0.0465069	1.99713	1.99713	0.333072	1.35379	1.35379	0.999618	0.999855	-1.00015	2.33243	3.39992	1.29571	1
cg22350777	SERTAD1	0.12359	0.135354	1.36812	1.36812	0.0490679	1.54884	1.54884	0.894957	1.02606	1.02606	0.582298	1.11424	1.11424	0.75553	0.940993	-1.06271	0.226223	0.780793	-1.28075	0.0219713	0.585594	-1.70767	0.822768	1.04465	1.04465	0.467923	1.15468	1.15468	2.33238	1.40074	0.533835	1
cg04219523	SLIT1	0.123594	0.55382	1.13868	1.13868	0.0432234	1.6558	1.6558	0.919904	0.978425	-1.02205	0.579934	0.885828	-1.12889	0.296076	1.26484	1.26484	0.116122	1.44817	1.44817	0.011006	1.9971	1.9971	0.771532	1.06517	1.06517	0.434301	0.84114	-1.18886	2.33234	1.73702	0.662004	1
cg17202948	NAT9;TMEM104	0.123597	0.317092	0.63087	-1.58511	0.0692982	0.404483	-2.47229	0.979951	0.98887	-1.01126	0.448032	0.70864	-1.41115	0.00980149	0.233542	-4.28189	0.335545	0.642544	-1.55631	0.374282	1.50112	1.50112	0.593848	1.27093	1.27093	0.104796	0.454024	-2.20253	2.33231	7.32839	2.79299	1
cg14381452	ABR;ABR;ABR	0.123598	0.033774	0.208316	-4.80039	0.420236	1.6839	1.6839	0.980501	1.01559	1.01559	0.394822	1.73587	1.73587	0.0503155	0.243675	-4.10383	0.131092	0.356437	-2.80555	0.16561	0.392288	-2.54915	0.796391	0.849059	-1.17777	0.0673339	0.273263	-3.65947	2.33231	14.7925	5.6377	1
cg01385198	TPCN2	0.123601	0.473238	0.787891	-1.26921	0.0138951	2.69997	2.69997	0.205178	1.54782	1.54782	0.549083	0.820271	-1.21911	0.643258	0.858626	-1.16465	0.507398	0.802688	-1.24581	0.653574	1.15909	1.15909	0.0318891	2.27462	2.27462	0.887676	1.04727	1.04727	2.33228	3.94506	1.50356	1
cg25585967	TRIO	0.123601	0.484986	0.682608	-1.46497	0.129676	2.41315	2.41315	0.490508	0.686007	-1.45771	0.325412	0.579029	-1.72703	0.411921	1.57058	1.57058	0.652235	0.783402	-1.27648	0.01043	0.176363	-5.67012	0.218408	2.00694	2.00694	0.450128	0.660945	-1.51298	2.33228	10.6954	4.07629	1
cg04994925	DHRS4L2	0.123602	0.106487	0.75477	-1.32491	0.626352	1.08146	1.08146	0.179354	0.796397	-1.25566	0.0886541	0.74098	-1.34956	0.345467	0.856338	-1.16776	0.621174	1.08276	1.08276	0.0642291	1.39363	1.39363	0.307043	0.844692	-1.18386	0.0656937	0.719157	-1.39052	2.33227	0.941088	0.358673	1
cg06829968	ONECUT1	0.123605	0.137292	2.91411	2.91411	0.962362	0.968956	-1.03204	0.00857821	9.39901	9.39901	0.836898	0.87131	-1.1477	0.417248	0.574635	-1.74024	0.194727	2.50099	2.50099	0.197374	0.402257	-2.48597	0.747608	0.805921	-1.24082	0.890275	0.911882	-1.09663	2.33225	16.4966	6.28734	1
cg21607965	IQCE;IQCE	0.123613	0.360967	0.734683	-1.36113	0.66437	0.866472	-1.1541	0.0374352	0.452569	-2.20961	0.0220775	0.406077	-2.46259	0.167373	0.616808	-1.62125	0.93637	0.974127	-1.02656	0.304333	1.41801	1.41801	0.427204	1.30493	1.30493	0.122477	0.577249	-1.73235	2.33218	3.98129	1.51743	1
cg06246941	LOC145663;GATM	0.123615	0.23821	2.56328	2.56328	0.0402376	6.08424	6.08424	0.045578	5.73578	5.73578	0.218903	2.6783	2.6783	0.0649476	4.85048	4.85048	0.328155	2.15763	2.15763	0.0655739	4.82845	4.82845	0.0834655	4.30503	4.30503	0.0368969	6.33923	6.33923	2.33217	21.4418	8.17239	1
cg01798443	RPSA;RPSA	0.123617	0.554418	1.23848	1.23848	0.0929276	0.516236	-1.9371	0.00624534	0.279498	-3.57784	0.829614	0.925813	-1.08013	0.801838	0.91398	-1.09412	0.513201	1.26767	1.26767	0.351022	0.709411	-1.40962	0.442765	1.32302	1.32302	0.63834	1.18452	1.18452	2.33214	4.7254	1.80107	1
cg00550493	EYS	0.12362	0.160186	0.371736	-2.69008	0.309835	0.500033	-1.99987	0.671697	0.754917	-1.32465	0.721299	0.7896	-1.26646	0.04105	0.211231	-4.73415	0.155671	0.367195	-2.72335	0.0256323	0.174039	-5.74585	0.142632	2.82715	2.82715	0.194003	0.404028	-2.47508	2.33212	16.0648	6.1231	1
cg12485794	KIAA1486	0.12362	0.880866	1.02537	1.02537	0.108483	0.746396	-1.33977	0.793416	0.957102	-1.04482	0.54526	1.10768	1.10768	0.355686	0.853236	-1.17201	0.890971	1.02318	1.02318	0.00796616	1.76523	1.76523	0.458904	0.881623	-1.13427	0.297488	0.834906	-1.19774	2.33212	1.03085	0.392911	1
cg03487407	MTA1	0.123629	0.838963	1.14386	1.14386	0.211818	2.3841	2.3841	0.140714	2.84828	2.84828	0.927222	0.941437	-1.06221	0.0110439	0.12178	-8.21153	0.102138	0.306746	-3.26002	0.814693	0.85634	-1.16776	0.87985	0.904912	-1.10508	0.467627	0.613728	-1.62939	2.33204	16.1159	6.14281	1
cg05964212	SLC25A20	0.123634	0.0415987	0.507356	-1.971	0.989323	1.00387	1.00387	0.106744	0.601306	-1.66305	0.165893	0.652614	-1.5323	0.845565	1.05794	1.05794	0.679024	1.1277	1.1277	0.0758136	1.76959	1.76959	0.980437	0.992943	-1.00711	0.0659792	0.551138	-1.81443	2.332	3.08107	1.17441	1
cg15906761	ADAMTS2;ADAMTS2	0.123636	0.568665	0.72724	-1.37506	0.321447	0.567629	-1.76171	0.307662	0.557786	-1.7928	0.626085	0.762266	-1.31188	0.00552787	0.133212	-7.50685	0.136038	0.411459	-2.43038	0.0360432	0.25975	-3.84985	0.898063	0.931597	-1.07343	0.268346	0.528684	-1.89149	2.33198	11.2877	4.30257	1
cg04910677	BARX2	0.123636	0.2445	0.757016	-1.32098	0.297796	1.27989	1.27989	0.0670834	1.5988	1.5988	0.241859	1.32324	1.32324	0.572452	0.877737	-1.13929	0.662524	0.90447	-1.10562	0.8031	0.94448	-1.05878	0.023176	1.8601	1.8601	0.0785466	1.56323	1.56323	2.33198	1.93073	0.73594	1
cg11089117	FBXW7	0.123637	0.237587	0.756765	-1.32141	0.020757	0.534133	-1.87219	0.269078	0.771608	-1.29599	0.0921527	0.658627	-1.51831	0.285699	0.778978	-1.28373	0.413204	0.828246	-1.20737	0.122541	1.45782	1.45782	0.320036	1.26044	1.26044	0.399485	0.823414	-1.21446	2.33198	1.87413	0.71437	1
cg00610205	ASAH1;ASAH1;ASAH1	0.123637	0.0638431	0.430067	-2.32522	0.814022	1.10016	1.10016	0.902854	0.951743	-1.0507	0.305499	0.650649	-1.53693	0.0501493	0.404713	-2.47089	0.0232998	0.333487	-2.99862	0.0771339	0.451103	-2.21679	0.844204	1.08296	1.08296	0.0918038	0.471485	-2.12096	2.33197	6.05967	2.30979	1
cg11348265	KYNU;KYNU	0.123637	0.199248	0.841354	-1.18856	0.168109	0.829382	-1.20572	?	?	?	0.381877	0.892064	-1.121	0.341608	1.13292	1.13292	0.156998	1.2126	1.2126	0.0229708	1.41399	1.41399	0.913969	1.01386	1.01386	0.374601	1.12307	1.12307	2.35413	0.537546	0.228342	1
cg03830082	EBF4	0.12364	0.517958	0.888005	-1.12612	0.604574	0.909675	-1.09929	0.0728433	1.4371	1.4371	0.201555	1.27686	1.27686	0.0109606	0.560723	-1.78341	0.561482	1.11226	1.11226	0.418747	1.16152	1.16152	0.953954	1.01052	1.01052	0.944595	0.987484	-1.01267	2.33195	1.2129	0.46233	1
cg14224481	C12orf66	0.123642	0.899309	1.01025	1.01025	0.620604	0.960588	-1.04103	0.0592545	1.18722	1.18722	0.283286	1.094	1.094	0.0643907	1.18228	1.18228	0.0404874	0.8264	-1.21007	0.300468	1.09031	1.09031	0.81488	1.01908	1.01908	0.166192	1.12635	1.12635	2.33193	0.239844	0.091424	1
cg09109450	C2orf43	0.123649	0.764178	0.951274	-1.05122	0.0770266	1.38604	1.38604	0.218284	1.23987	1.23987	0.426782	0.873956	-1.14422	0.810584	1.04067	1.04067	0.0140755	0.60457	-1.65407	0.15424	0.776296	-1.28817	0.609664	0.918059	-1.08925	0.962095	1.00792	1.00792	2.33187	1.01809	0.388085	1
cg06640637	HNF4A;HNF4A;HNF4A	0.12365	0.170498	0.703859	-1.42074	0.431658	1.21299	1.21299	0.00672068	0.429287	-2.32944	0.932494	1.02059	1.02059	0.670381	0.90212	-1.1085	0.329454	1.27398	1.27398	0.444399	0.828959	-1.20633	0.563713	0.868985	-1.15077	0.119389	0.665915	-1.50169	2.33187	2.13778	0.814906	1
cg25124584	FANCD2;CIDECP;FANCD2	0.123654	0.783543	0.961064	-1.04051	0.331761	1.15536	1.15536	0.878421	1.02232	1.02232	0.302563	0.857251	-1.16652	0.144007	1.25405	1.25405	0.00856846	0.61653	-1.62198	0.395202	0.881981	-1.13381	0.183862	0.816007	-1.22548	0.559062	0.918321	-1.08894	2.33183	0.768162	0.292822	1
cg09034736	HORMAD1	0.123661	0.389265	0.594178	-1.683	0.567043	1.40689	1.40689	0.0323901	0.228097	-4.38411	0.0243163	0.205197	-4.87335	0.121166	0.371	-2.69542	0.0527064	0.272689	-3.66718	0.845367	1.12211	1.12211	0.423117	0.617093	-1.6205	0.181929	0.433452	-2.30706	2.33177	12.8563	4.90092	1
cg02847216	CTAGE1;CTAGE1	0.123663	0.870156	0.967164	-1.03395	0.364804	1.20931	1.20931	0.192901	0.754854	-1.32476	0.557988	0.886108	-1.12853	0.550159	1.13132	1.13132	0.625925	1.10546	1.10546	0.00430374	0.458809	-2.17956	0.809236	1.0506	1.0506	0.536544	0.880092	-1.13625	2.33176	1.53823	0.586389	1
cg06980252	CREB3L2	0.123663	0.0891718	0.565019	-1.76985	0.936736	1.02447	1.02447	0.262487	0.700594	-1.42736	0.0700572	0.539644	-1.85307	0.243258	0.68944	-1.45045	0.487735	1.23951	1.23951	0.0242328	2.26639	2.26639	0.809809	0.929198	-1.0762	0.694499	0.886726	-1.12774	2.33175	3.42552	1.30585	1
cg22134823	NALCN	0.123664	0.480612	0.917032	-1.09047	0.0117685	1.46241	1.46241	0.140645	1.21102	1.21102	0.348278	0.889891	-1.12373	0.808482	0.97109	-1.02977	0.73729	0.960145	-1.04151	0.247562	1.15725	1.15725	0.529554	0.925945	-1.07998	0.18331	0.843194	-1.18597	2.33175	0.538945	0.205452	1
cg17548406	VPS37A;CNOT7;VPS37A;CNOT7;VPS37A;VPS37A	0.123664	0.0808435	0.474014	-2.10964	0.567855	1.24936	1.24936	0.710428	1.15467	1.15467	0.877513	1.06128	1.06128	0.787886	1.10959	1.10959	0.196321	0.590466	-1.69358	0.00960273	0.28244	-3.54058	0.184949	0.581497	-1.7197	0.416267	1.37765	1.37765	2.33174	5.49128	2.09334	1
cg21894862	LSM2	0.123673	0.0968374	3.62543	3.62543	0.825959	0.855883	-1.16838	0.941961	1.0528	1.0528	0.141782	3.0536	3.0536	0.00929967	0.0971242	-10.2961	0.720679	0.775912	-1.28881	0.813964	1.18126	1.18126	0.382983	1.88177	1.88177	0.826447	1.16786	1.16786	2.33167	18.4411	7.0302	1
cg09863040	PHF17;PHF17	0.123674	0.0347082	0.399116	-2.50554	0.35974	1.42093	1.42093	0.506421	1.28597	1.28597	0.0496818	0.433722	-2.30562	0.190768	0.596387	-1.67676	0.932415	1.03215	1.03215	0.172819	0.582019	-1.71816	0.157392	1.75785	1.75785	0.930959	1.03286	1.03286	2.33166	5.14017	1.95956	1
cg14546955	AASDHPPT	0.123678	0.169827	0.639416	-1.56393	0.814016	1.07473	1.07473	0.643626	0.867203	-1.15313	0.617836	1.1663	1.1663	0.0205479	0.425977	-2.34755	0.406931	0.771469	-1.29623	0.0174693	0.412794	-2.42252	0.976814	1.00893	1.00893	0.102413	0.578904	-1.7274	2.33162	3.45407	1.3168	1
cg09460983	BTN3A3;BTN3A3	0.123682	0.22798	0.529521	-1.8885	0.017939	0.235728	-4.24217	0.272254	0.563181	-1.77563	0.016525	0.229627	-4.35489	0.180936	0.48984	-2.04148	0.175781	0.485168	-2.06114	0.903852	1.0626	1.0626	0.970644	0.981681	-1.01866	0.70967	1.2067	1.2067	2.33159	9.32138	3.55366	1
cg14864276	COL23A1	0.123684	0.0922434	0.557524	-1.79365	0.0545604	1.98884	1.98884	0.246764	0.682606	-1.46497	0.532305	0.819207	-1.22069	0.0433816	0.480738	-2.08014	0.554617	0.828265	-1.20734	0.191683	0.646774	-1.54613	0.948755	0.979941	-1.02047	0.097274	0.56343	-1.77484	2.33158	3.67026	1.39925	1
cg26033681	SNRPN;SNRPN;SNRPN	0.123684	0.0371093	0.421701	-2.37135	0.039742	0.428161	-2.33557	0.572559	1.22559	1.22559	0.617794	0.835714	-1.19658	0.805955	1.09177	1.09177	0.162651	0.587574	-1.70191	0.0598226	0.468775	-2.13322	0.0474225	0.445257	-2.24589	0.685014	0.8646	-1.1566	2.33157	4.69995	1.79181	1
cg08761264	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.123687	0.999867	0.999975	-1.00003	0.340043	1.16257	1.16257	0.0556624	1.39401	1.39401	0.714489	0.945269	-1.0579	0.775019	1.04488	1.04488	0.139304	1.27601	1.27601	0.0346001	0.685614	-1.45855	0.341733	1.16192	1.16192	0.0809083	1.34513	1.34513	2.33154	0.866577	0.330378	1
cg12683533	ENPP6	0.123688	0.28206	1.33845	1.33845	0.183785	0.692307	-1.44445	0.154453	0.672011	-1.48807	0.693474	0.901854	-1.10883	0.241299	0.726251	-1.37694	0.717622	1.09934	1.09934	0.0300282	1.94555	1.94555	0.408887	1.24641	1.24641	0.0984955	0.623443	-1.60399	2.33154	2.5111	0.957346	1
cg17489897	PTEN;KILLIN;PTEN	0.123689	0.67611	1.05287	1.05287	0.1016	1.24578	1.24578	0.575592	0.932999	-1.07181	0.814017	0.971519	-1.02932	0.568078	1.07331	1.07331	0.0293077	1.36997	1.36997	0.0432432	0.751939	-1.32989	0.650703	1.05748	1.05748	0.145634	1.21115	1.21115	2.33153	0.555142	0.211646	1
cg10273340	GNAO1;GNAO1;LOC283856	0.123689	0.330891	1.67753	1.67753	0.519524	1.40028	1.40028	0.51985	1.3999	1.3999	0.11096	2.44837	2.44837	0.765572	0.857111	-1.16671	0.0645866	0.34285	-2.91673	0.298711	0.573836	-1.74266	0.638245	1.27658	1.27658	0.0241401	0.249956	-4.00071	2.33153	9.81805	3.7431	1
cg24514773	C3orf15	0.123692	0.62862	1.12392	1.12392	0.333677	1.26998	1.26998	0.0121792	2.1145	2.1145	0.373887	1.24456	1.24456	0.347392	0.793018	-1.261	0.875464	0.963106	-1.03831	0.620351	1.12714	1.12714	0.590385	0.877877	-1.13911	0.0246862	1.89861	1.89861	2.33151	2.12143	0.808796	1
cg18252633	ARHGEF17	0.123693	0.230521	1.48692	1.48692	0.425439	1.29264	1.29264	0.0142242	2.59548	2.59548	0.420427	1.2964	1.2964	0.539128	0.821934	-1.21664	0.162244	0.624634	-1.60094	0.704484	0.886767	-1.12769	0.480587	0.797617	-1.25373	0.0868881	1.8154	1.8154	2.3315	3.67273	1.40024	1
cg19764489	KCNQ1;KCNQ1	0.123696	0.841883	1.19984	1.19984	0.190097	3.54613	3.54613	0.973476	0.970127	-1.03079	0.686947	1.44709	1.44709	0.0345128	0.105514	-9.47744	0.379255	0.439191	-2.27691	0.0146531	0.064488	-15.5068	0.287963	0.365558	-2.73554	0.841607	1.20023	1.20023	2.33147	30.7247	11.714	1
cg04898026	SSPO	0.123697	0.112367	3.01387	3.01387	0.549153	1.47234	1.47234	0.943417	0.955707	-1.04635	0.229933	2.23434	2.23434	0.725555	0.798559	-1.25226	0.167749	2.55591	2.55591	0.168102	0.391594	-2.55367	0.0129463	7.16209	7.16209	0.168965	2.5482	2.5482	2.33146	15.0417	5.73475	1
cg27332575	BMP8A	0.123697	0.024577	0.162335	-6.16009	0.395485	0.553837	-1.80559	0.192922	0.392349	-2.54875	0.0567104	0.231191	-4.32543	0.0625524	0.240959	-4.15008	0.107218	0.303044	-3.29985	0.0355944	0.189951	-5.26451	0.198443	0.397398	-2.51637	0.109051	0.305261	-3.27588	2.33146	17.0242	6.49061	1
cg26898376	CCDC88B	0.123697	0.357449	1.60708	1.60708	0.921599	0.951849	-1.05059	0.863618	0.917426	-1.09001	0.51093	1.3969	1.3969	0.00593441	0.164668	-6.07282	0.366506	0.628095	-1.59212	0.364857	1.59481	1.59481	0.677537	0.810888	-1.23322	0.225645	1.89244	1.89244	2.33146	9.279	3.5377	1
cg00152126	CTBP2;CTBP2	0.123698	0.12181	3.0153	3.0153	0.0612143	4.0073	4.0073	0.0785806	3.61713	3.61713	0.226336	2.30712	2.30712	0.0484844	4.40801	4.40801	0.152367	2.74253	2.74253	0.040979	4.72164	4.72164	0.054023	4.21742	4.21742	0.0740543	3.70643	3.70643	2.33146	15.991	6.09672	1
cg11800379	CASZ1;CASZ1	0.123699	0.17918	0.448022	-2.23203	0.259936	0.516215	-1.93718	0.0996251	0.362224	-2.76072	0.379029	0.601807	-1.66166	0.00577556	0.130672	-7.65276	0.136391	0.405374	-2.46686	0.0808629	0.33647	-2.97203	0.993879	0.995693	-1.00433	0.440954	0.642639	-1.55608	2.33145	11.6911	4.45737	1
cg13539397	RAD51L1;RAD51L1;RAD51L1	0.123702	0.392444	0.686147	-1.45741	0.0479946	0.378387	-2.6428	0.0288005	0.330064	-3.02972	0.0929805	0.451768	-2.21353	0.0850426	0.441015	-2.2675	0.0252063	0.318433	-3.14038	0.382378	0.680353	-1.46983	0.106164	0.468312	-2.13533	0.300309	0.63037	-1.58637	2.33142	6.82498	2.60213	1
cg04258457	ERN1	0.123703	0.957723	1.00545	1.00545	0.590525	0.945865	-1.05723	0.0541738	1.25095	1.25095	0.110524	1.19504	1.19504	0.236742	1.13543	1.13543	0.0330997	0.774704	-1.29081	0.883668	0.985111	-1.01511	0.289491	0.893464	-1.11924	0.36626	1.09978	1.09978	2.33141	0.387628	0.14779	1
cg11150845	LRRC8C	0.123704	0.0541397	0.315989	-3.16467	0.558692	1.36576	1.36576	0.490033	1.44712	1.44712	0.477686	1.46304	1.46304	0.0416212	0.28993	-3.44911	0.0682928	0.340982	-2.93271	0.0657729	0.3368	-2.96913	0.743832	0.841274	-1.18867	0.309292	0.574304	-1.74124	2.33141	10.2585	3.91123	1
cg14231871	MARK1	0.123704	0.804021	0.967483	-1.03361	0.872242	0.97883	-1.02163	0.566468	1.08009	1.08009	0.588654	1.07529	1.07529	0.01229	1.51376	1.51376	0.294304	0.865349	-1.1556	0.219729	0.842332	-1.18718	0.131902	1.24137	1.24137	0.106528	1.26405	1.26405	2.33141	0.652741	0.248869	1
cg22131726	IPCEF1;IPCEF1;IPCEF1	0.123704	0.464825	0.607613	-1.64578	0.0636635	0.247495	-4.04049	0.164722	0.370573	-2.69852	0.918554	1.0709	1.0709	0.115828	0.318305	-3.14164	0.751441	1.23716	1.23716	0.00705378	0.0970697	-10.3019	0.867861	1.11798	1.11798	0.381715	0.548343	-1.82367	2.33141	16.5622	6.31464	1
cg15818604	FAM92A1	0.123711	0.481193	1.22999	1.22999	0.0442228	0.512612	-1.95079	0.323397	1.34297	1.34297	0.0596498	1.84874	1.84874	0.909866	0.967789	-1.03328	0.450319	1.24905	1.24905	0.106507	0.600756	-1.66457	0.162442	0.649745	-1.53906	0.531435	1.20115	1.20115	2.33134	3.08637	1.17676	1
cg11589749	COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.123711	0.0862097	0.706682	-1.41506	0.193466	0.77724	-1.2866	0.0992578	0.718247	-1.39228	0.604639	1.10038	1.10038	0.402156	0.854679	-1.17003	0.326476	1.20386	1.20386	0.125653	0.738216	-1.35462	0.866437	1.03131	1.03131	0.0512627	1.50154	1.50154	2.33134	1.23842	0.47218	1
cg14770351	CYP3A4	0.123712	0.698694	0.785057	-1.27379	0.0117484	0.141117	-7.08632	0.0656946	0.276652	-3.61466	0.463254	0.628445	-1.59123	0.0765671	0.293586	-3.40616	0.81461	0.864039	-1.15736	0.0467034	0.242465	-4.1243	0.24719	0.471052	-2.12291	0.131329	0.362951	-2.75519	2.33134	14.292	5.44922	1
cg07912689	ZBP1;ZBP1;ZBP1;ZBP1;ZBP1;ZBP1;ZBP1	0.12372	0.0175863	0.213546	-4.68283	0.195961	0.481508	-2.07681	0.118085	0.403767	-2.47668	0.0617102	0.324771	-3.07909	0.0541768	0.311027	-3.21516	0.105116	0.38814	-2.57639	0.122752	0.409136	-2.44417	0.0960034	0.376445	-2.65643	0.160581	0.448855	-2.22789	2.33127	10.5458	4.02101	1
cg15872079	CMTM7;CMTM7	0.12372	0.566776	0.722748	-1.38361	0.173427	2.25299	2.25299	0.736428	0.827419	-1.20858	0.909897	0.938488	-1.06554	0.0458099	0.276965	-3.61057	0.854007	1.10882	1.10882	0.0081129	0.149446	-6.69138	0.747184	0.83412	-1.19887	0.877647	0.917231	-1.09024	2.33127	11.6113	4.42726	1
cg13117105	PAQR5;PAQR5	0.12372	0.409027	0.848214	-1.17895	0.111394	1.40224	1.40224	0.800655	1.05056	1.05056	0.139049	1.364	1.364	0.352863	0.829962	-1.20488	0.471206	0.866847	-1.15361	0.0165183	0.564977	-1.76998	0.755023	0.940802	-1.06292	0.180651	0.757951	-1.31935	2.33127	1.40336	0.535087	1
cg08999332	RAB40AL	0.123722	0.119235	1.36492	1.36492	0.0507582	1.5061	1.5061	0.0169387	1.70902	1.70902	0.484895	0.877576	-1.1395	0.793425	1.04947	1.04947	0.127399	1.35434	1.35434	0.0653227	1.46327	1.46327	0.899746	1.02346	1.02346	0.498915	1.13463	1.13463	2.33125	1.24996	0.476602	1
cg10743104	PDPN;PDPN	0.123723	0.187179	0.375608	-2.66235	0.896436	0.91282	-1.09551	0.0326606	5.76001	5.76001	0.513934	1.58985	1.58985	0.136162	0.324737	-3.07942	0.260502	2.27514	2.27514	0.48067	1.65222	1.65222	0.0391826	5.32054	5.32054	0.860443	1.13118	1.13118	2.33124	18.1141	6.90681	1
cg23981116	ODZ2	0.123726	0.445348	1.14511	1.14511	0.838325	1.03622	1.03622	0.0163959	1.66683	1.66683	0.59995	0.911946	-1.09656	0.220547	0.799051	-1.25148	0.938152	1.01361	1.01361	0.0229386	1.60627	1.60627	0.480038	1.1332	1.1332	0.704586	0.935809	-1.06859	2.33121	1.12006	0.427076	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04695233	GMDS	0.12373	0.632849	0.899803	-1.11135	0.331783	0.802798	-1.24564	0.0481847	1.64105	1.64105	0.188643	0.736725	-1.35736	0.131655	0.699773	-1.42903	0.217093	0.752102	-1.32961	0.0609165	1.58945	1.58945	0.701483	1.08816	1.08816	0.406961	0.8302	-1.20453	2.33118	1.77669	0.677459	1
cg17592051	CLCA4;CLCA4	0.123731	0.926076	0.941262	-1.0624	0.0620081	0.253935	-3.93801	0.0685153	0.264435	-3.78164	0.919812	0.936428	-1.06789	0.0173588	0.15111	-6.61768	0.510144	1.54616	1.54616	0.1134	0.325073	-3.07623	0.528856	0.659572	-1.51614	0.0952645	0.302525	-3.30551	2.33117	15.7089	5.98988	1
cg18599206	HLA-A	0.123734	0.0153309	0.135884	-7.35923	0.0854378	0.279412	-3.57895	0.52417	0.648645	-1.54168	0.25023	0.446743	-2.23843	0.0160016	0.138398	-7.22556	0.294446	0.482281	-2.07348	0.134203	0.338537	-2.95389	0.165775	0.371123	-2.69452	0.345104	0.520939	-1.91961	2.33115	16.6043	6.33139	1
cg20124336	RNLS;RNLS	0.123734	0.749124	1.13479	1.13479	0.0464062	0.406926	-2.45745	0.0424241	0.398088	-2.51201	0.614458	1.22162	1.22162	0.110725	0.50413	-1.98362	0.29163	1.53918	1.53918	0.850449	0.92831	-1.07723	0.70619	0.861346	-1.16097	0.0453151	0.404564	-2.4718	2.33115	5.73467	2.18669	1
cg25355645	MEGF8	0.123734	0.954567	1.01515	1.01515	0.240986	0.723292	-1.38257	0.0547603	0.562733	-1.77704	0.607401	0.872172	-1.14656	0.0179653	0.468219	-2.13575	0.0786963	0.597288	-1.67423	0.211695	1.41513	1.41513	0.262677	0.734769	-1.36097	0.28963	0.748214	-1.33652	2.33114	2.57142	0.980508	1
cg18401785	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.123735	0.0702031	0.170182	-5.87607	0.0657906	0.164266	-6.08768	0.586006	0.618067	-1.61795	0.113489	0.221618	-4.51227	0.0424643	0.129477	-7.72336	0.0900242	0.194993	-5.12839	0.0346584	0.115932	-8.62575	0.13816	0.247408	-4.0419	0.0786402	0.181064	-5.52292	2.33114	28.2616	10.7765	1
cg17301216	LOC254559	0.123736	0.0506887	0.243424	-4.10806	0.86722	1.11203	1.11203	0.233218	0.452399	-2.21044	0.495665	1.55117	1.55117	0.0945251	0.31153	-3.20997	0.671828	0.763066	-1.3105	0.054693	0.250828	-3.9868	0.0765463	3.491	3.491	0.606006	0.718803	-1.3912	2.33113	14.8676	5.66921	1
cg10930664	HTRA3	0.123737	0.116577	1.58	1.58	0.0358747	1.92498	1.92498	0.302522	0.750872	-1.33179	0.0704949	0.58142	-1.71993	0.0972899	0.613763	-1.62929	0.826534	0.942822	-1.06065	0.597622	1.1536	1.1536	0.88474	0.961836	-1.03968	0.963639	0.987845	-1.0123	2.33112	2.65688	1.01311	1
cg09692125	UBC	0.123737	0.7141	1.11666	1.11666	0.0343268	2.09663	2.09663	0.0658946	1.8567	1.8567	0.170776	1.54866	1.54866	0.825758	1.06835	1.06835	0.916355	1.03201	1.03201	0.0590081	0.527615	-1.89532	0.624513	1.15943	1.15943	0.300671	0.724985	-1.37934	2.33112	3.32003	1.26598	1
cg06389252	POU6F2;POU6F2	0.123739	0.336854	1.40872	1.40872	0.0369917	2.31238	2.31238	0.407127	1.34106	1.34106	0.431324	0.757331	-1.32043	0.0556251	0.472092	-2.11823	0.644383	0.851417	-1.17451	0.112036	0.549445	-1.82002	0.386803	1.35935	1.35935	0.362609	0.723376	-1.38241	2.33111	4.42172	1.68607	1
cg21261027	BARD1	0.123739	0.0973873	1.19616	1.19616	0.948274	1.00641	1.00641	0.572617	0.945408	-1.05774	0.0378249	0.788871	-1.26763	?	?	?	0.486303	0.932714	-1.07214	0.440644	0.925489	-1.08051	0.0516427	1.24372	1.24372	0.504455	1.06897	1.06897	2.35324	0.321221	0.136502	1
cg21782309	BRSK2	0.123743	0.822174	0.93212	-1.07282	0.0826321	1.82259	1.82259	0.641911	1.15748	1.15748	0.5442	1.21129	1.21129	0.0098262	0.360908	-2.77079	0.891226	0.958173	-1.04365	0.159055	1.6	1.6	0.853756	0.944008	-1.05931	0.519297	0.815462	-1.2263	2.33107	3.60006	1.37279	1
cg02144266	C20orf135	0.123745	0.501072	0.91873	-1.08846	0.123497	1.23009	1.23009	0.463899	0.911618	-1.09695	0.389346	1.11571	1.11571	0.2836	1.14829	1.14829	0.222928	1.17229	1.17229	0.0199158	1.41735	1.41735	0.13586	0.819146	-1.22078	0.431195	0.90509	-1.10486	2.33105	0.568795	0.216896	1
cg25373297	FBXL12	0.123746	0.132792	0.676444	-1.47832	0.372815	1.24672	1.24672	0.446653	1.20557	1.20557	0.433578	1.21239	1.21239	0.608468	0.882913	-1.13261	0.885453	0.965854	-1.03535	0.017288	0.49714	-2.01151	0.168623	0.702192	-1.42411	0.0636245	0.604953	-1.65302	2.33104	2.1446	0.817794	1
cg13947513	GALNTL6	0.123747	0.349244	0.854691	-1.17001	0.253248	0.823303	-1.21462	0.0227064	0.641205	-1.55956	0.226913	0.813249	-1.22964	0.0887877	0.736476	-1.35782	0.229732	0.814365	-1.22795	0.261384	0.826256	-1.21028	0.816434	0.962819	-1.03862	0.00991312	0.588103	-1.70038	2.33104	0.980226	0.373787	1
cg07372974	SFXN3;PDZD7	0.123748	0.0754034	1.23304	1.23304	0.599784	0.945509	-1.05763	0.641562	1.05087	1.05087	0.322274	1.11428	1.11428	0.569346	0.940955	-1.06275	0.488343	1.07735	1.07735	0.0118855	0.717278	-1.39416	0.357192	0.904645	-1.10541	0.415237	1.09213	1.09213	2.33102	0.413475	0.15767	1
cg09972561	VPS13C;VPS13C;VPS13C;VPS13C	0.123752	0.0274577	0.417668	-2.39425	0.572631	0.826266	-1.21026	0.137257	0.585198	-1.70882	0.436191	0.766506	-1.30462	0.310239	1.42117	1.42117	0.388957	0.744122	-1.34387	0.0801071	0.522062	-1.91548	0.0240567	0.406238	-2.46161	0.919734	1.03432	1.03432	2.33099	4.13687	1.57753	1
cg05323904	FAM195A	0.123758	0.931845	1.01119	1.01119	0.919476	0.986927	-1.01325	0.00560663	1.60521	1.60521	0.563945	0.926901	-1.07886	0.296065	1.15142	1.15142	0.774633	1.03806	1.03806	0.415275	0.897306	-1.11445	0.239975	0.852052	-1.17364	0.260484	1.16501	1.16501	2.33094	0.625152	0.238397	1
cg01710897	RCCD1;RCCD1	0.123759	0.718118	0.799032	-1.25151	0.320774	1.88686	1.88686	0.00371909	11.3068	11.3068	0.461412	0.628726	-1.59052	0.384176	0.575656	-1.73715	0.935298	0.950991	-1.05153	0.927404	0.94516	-1.05802	0.467847	1.57962	1.57962	0.832772	1.13981	1.13981	2.33093	14.1409	5.39257	1
cg07179669	HLX	0.123759	0.356275	2.06564	2.06564	0.020907	8.37261	8.37261	0.152669	3.22566	3.22566	0.781209	0.808258	-1.23723	0.36434	0.490323	-2.03947	0.101867	3.93166	3.93166	0.178266	2.98482	2.98482	0.0365942	6.40506	6.40506	0.3183	2.20034	2.20034	2.33093	21.5795	8.22923	1
cg18339718	MAN2B1	0.123761	0.0317466	2.89225	2.89225	0.0588955	0.406575	-2.45957	0.828837	1.09564	1.09564	0.687208	1.18621	1.18621	0.181946	0.550079	-1.81792	0.0728729	0.429962	-2.32579	0.274264	0.618834	-1.61594	0.840172	0.918341	-1.08892	0.892553	1.05867	1.05867	2.33092	6.57	2.50545	1
cg03873049	CAMK2A;CAMK2A	0.123761	0.0221617	2.06747	2.06747	0.24956	1.37533	1.37533	0.192293	0.69386	-1.44121	0.129	0.647624	-1.54411	0.943021	0.981248	-1.01911	0.325398	0.764201	-1.30856	0.0989655	0.619371	-1.61454	0.85327	1.05025	1.05025	0.981227	1.00625	1.00625	2.33091	2.58912	0.987354	1
cg21532061	ABCG8	0.123761	0.935731	1.02008	1.02008	0.112823	1.53047	1.53047	0.674823	0.90119	-1.10964	0.0963329	0.637492	-1.56865	0.79816	1.06523	1.06523	0.197947	0.714966	-1.39867	0.0461844	1.75638	1.75638	0.51868	0.851015	-1.17507	0.0756014	1.62853	1.62853	2.33091	2.24442	0.855905	1
cg03507412	TRIM3;TRIM3	0.123762	0.148818	0.572236	-1.74753	0.0281937	2.54541	2.54541	0.0849627	1.98716	1.98716	0.412475	0.73928	-1.35267	0.154102	0.57693	-1.73331	0.923469	0.965953	-1.03525	0.187093	1.6555	1.6555	0.639319	1.1855	1.1855	0.846391	0.932468	-1.07242	2.33091	4.79793	1.82968	1
cg12935694	EIF4G2;EIF4G2;SNORD97	0.123764	0.99605	0.999036	-1.00096	0.993211	0.998344	-1.00166	0.620408	1.10213	1.10213	0.0146274	1.79602	1.79602	0.564617	1.1201	1.1201	0.064146	1.4996	1.4996	0.018727	1.74182	1.74182	0.778928	0.946659	-1.05635	0.797649	1.05132	1.05132	2.33089	1.4006	0.534121	1
cg14467654	MIR219-2	0.123765	0.386992	0.692077	-1.44493	0.0170719	0.299128	-3.34305	0.043752	0.382091	-2.61718	0.640621	0.822714	-1.21549	0.374923	0.685233	-1.45936	0.246594	0.60477	-1.65352	0.336951	0.663047	-1.50819	0.0416638	0.377303	-2.65039	0.349162	1.49187	1.49187	2.33088	6.35982	2.42534	1
cg22305129	LPCAT1	0.123765	0.302395	0.858709	-1.16454	0.159421	0.807041	-1.23909	0.188609	0.819875	-1.2197	0.544967	1.09128	1.09128	0.639581	1.06956	1.06956	0.367111	1.14122	1.14122	0.0116097	1.56807	1.56807	0.367155	0.876266	-1.14121	0.700843	1.05658	1.05658	2.33088	0.750442	0.286184	1
cg01863266	CCDC66;CCDC66;CCDC66	0.123766	0.401042	0.863464	-1.15813	0.0647882	1.42508	1.42508	0.13236	1.31964	1.31964	0.0134822	0.593108	-1.68603	0.625356	1.08768	1.08768	0.696617	1.06921	1.06921	0.897444	0.978217	-1.02227	0.595851	0.912634	-1.09573	0.944873	1.01188	1.01188	2.33087	1.0768	0.410643	1
cg17805199	H6PD	0.12377	0.466834	0.820806	-1.21832	0.788864	0.930922	-1.0742	0.747206	1.09008	1.09008	0.806422	1.06767	1.06767	0.242035	0.7214	-1.38619	0.512339	1.19389	1.19389	0.00389482	2.81946	2.81946	0.425909	1.24213	1.24213	0.65997	1.12533	1.12533	2.33084	2.62558	1.00129	1
cg26768712	SCNN1B	0.12377	0.71549	1.13133	1.13133	0.26304	0.674799	-1.48192	0.187274	1.60182	1.60182	0.162444	1.65321	1.65321	0.655889	1.16321	1.16321	0.0890005	0.531378	-1.8819	?	?	?	0.0278811	2.40117	2.40117	0.636944	0.851922	-1.17382	2.35296	3.76407	1.59971	1
cg21146652	DGKI	0.123771	0.27845	1.3562	1.3562	0.0184022	2.16679	2.16679	0.0334181	1.95811	1.95811	0.559245	1.17311	1.17311	0.737784	1.0951	1.0951	0.477231	0.822519	-1.21578	0.0440685	1.86912	1.86912	0.318762	1.32126	1.32126	0.827178	0.9426	-1.0609	2.33083	2.69829	1.02903	1
cg14083376	C14orf2;C14orf2	0.123772	0.92947	0.981513	-1.01883	0.304193	0.799081	-1.25144	0.100021	1.46209	1.46209	0.509146	1.1516	1.1516	0.857768	0.962894	-1.03854	0.204416	0.754066	-1.32614	0.0595558	1.5655	1.5655	0.128055	1.41449	1.41449	0.0373592	1.66406	1.66406	2.33082	1.64003	0.625447	1
cg27568504	TCERG1L	0.123772	0.349112	0.471424	-2.12123	0.0975349	0.242098	-4.13057	0.237638	0.380933	-2.62513	0.935558	1.06512	1.06512	0.102417	0.24799	-4.03242	0.0862534	0.227933	-4.38725	0.00705008	0.0660608	-15.1376	0.546393	0.621121	-1.60999	0.142075	0.291884	-3.42602	2.33082	22.4688	8.56878	1
cg04686980	PXMP3;PXMP3	0.123773	0.840444	1.04216	1.04216	0.0134361	0.534187	-1.872	0.196539	0.755991	-1.32277	0.280761	0.794801	-1.25818	0.194452	0.754888	-1.3247	0.993418	1.00169	1.00169	0.832238	0.957476	-1.04441	0.277201	0.793338	-1.2605	0.0158602	0.545938	-1.83171	2.33081	1.54909	0.590766	1
cg22096513	UBA2	0.123773	0.283072	0.830503	-1.20409	0.775155	0.953431	-1.04884	0.744684	0.94704	-1.05592	0.361696	1.16897	1.16897	0.327768	0.845173	-1.18319	0.580189	1.09749	1.09749	0.0209266	0.629572	-1.58838	0.046594	1.46152	1.46152	0.291145	1.2001	1.2001	2.33081	1.02359	0.390361	1
cg13085976	C9orf167	0.123774	0.852458	1.03122	1.03122	0.119015	0.756231	-1.32235	0.198474	0.798981	-1.25159	0.0973469	0.740495	-1.35045	0.481522	1.12541	1.12541	0.303162	1.19259	1.19259	0.0490109	1.44939	1.44939	0.26171	1.21322	1.21322	0.222429	0.809173	-1.23583	2.3308	1.00669	0.383918	1
cg16179047	SBF2	0.123774	0.0655914	1.42354	1.42354	0.326563	0.841054	-1.18898	0.264219	0.819645	-1.22004	0.632593	0.920981	-1.0858	0.847948	0.967727	-1.03335	0.0254773	1.5742	1.5742	0.495787	0.888521	-1.12547	0.0972256	0.732674	-1.36486	0.946992	0.988701	-1.01143	2.3308	1.07817	0.411179	1
cg04253453	SMARCA2;SMARCA2	0.123774	0.476879	1.13466	1.13466	0.10463	0.733589	-1.36316	0.208722	0.793372	-1.26044	0.942107	1.01277	1.01277	0.394146	0.858604	-1.16468	0.0109435	0.572482	-1.74678	0.351855	1.18216	1.18216	0.166145	0.772667	-1.29422	0.525728	1.11885	1.11885	2.3308	1.12616	0.429478	1
cg14439210	SNHG9;RPS2;RNF151	0.123775	0.204101	0.594135	-1.68312	0.144748	0.544179	-1.83763	0.0988016	0.495039	-2.02004	0.00633667	0.251398	-3.97776	0.667397	0.845402	-1.18287	0.864103	0.935618	-1.06881	0.487564	1.31519	1.31519	0.945951	0.974006	-1.02669	0.644658	1.19771	1.19771	2.33079	5.57085	2.12454	1
cg09634370	UNC119B	0.123779	0.720032	1.19596	1.19596	0.245663	1.82892	1.82892	0.246648	0.547521	-1.82641	0.0360165	0.297418	-3.36228	0.314746	0.596376	-1.6768	0.880158	0.927731	-1.0779	0.0209056	0.251095	-3.98255	0.279011	1.75001	1.75001	0.942526	0.964786	-1.0365	2.33076	9.12558	3.48024	1
cg20023675	ITIH5;ITIH5;ITIH5	0.123782	0.0882179	0.643557	-1.55386	0.401832	1.22266	1.22266	0.155747	0.700589	-1.42737	0.313554	0.783331	-1.2766	0.168897	0.709339	-1.40976	0.0492844	1.69171	1.69171	0.174107	1.40318	1.40318	0.473111	0.842859	-1.18644	0.399501	0.817037	-1.22394	2.33074	2.02618	0.772738	1
cg13083637	BLZF1;BLZF1;NME7;NME7	0.123785	0.702278	0.927961	-1.07763	0.556655	0.890711	-1.1227	0.00541721	2.0391	2.0391	0.376671	0.838112	-1.19316	0.956847	0.989521	-1.01059	0.613484	0.905604	-1.10424	0.539342	0.886054	-1.1286	0.673994	1.08585	1.08585	0.136899	1.36605	1.36605	2.33071	1.3989	0.533513	1
cg13892902	CCNDBP1;CCNDBP1;CCNDBP1;CCNDBP1	0.123785	0.911498	1.01982	1.01982	0.7832	1.0499	1.0499	0.112739	1.35632	1.35632	0.979171	0.995402	-1.00462	0.0964146	0.724526	-1.38021	0.0933929	0.721967	-1.38511	0.0172112	0.59906	-1.66928	0.298715	0.826837	-1.20943	0.465194	0.877033	-1.14021	2.33071	1.15036	0.438725	1
cg14682718	ZNF121;ZNF121	0.123788	0.716479	1.114	1.114	0.972693	1.01018	1.01018	0.915457	0.969057	-1.03193	0.164327	1.55147	1.55147	0.737898	1.10452	1.10452	0.0583284	0.530866	-1.88372	0.0587847	0.531627	-1.88102	0.317591	1.35769	1.35769	0.0473667	1.9572	1.9572	2.33068	3.23407	1.23343	1
cg08736634	PPFIBP1;PPFIBP1	0.123789	0.0719139	0.750125	-1.33311	0.321496	1.15786	1.15786	0.329861	0.865972	-1.15477	0.0360105	0.705362	-1.41771	0.420971	1.12485	1.12485	0.805829	1.03587	1.03587	0.0513683	0.727995	-1.37364	0.664326	1.06448	1.06448	0.155723	0.804631	-1.24281	2.33068	0.755993	0.288326	1
cg00052853	LOC285205	0.12379	0.481018	0.89426	-1.11824	0.24843	0.828408	-1.20714	0.0455749	0.699277	-1.43005	0.45151	0.887197	-1.12715	0.313323	0.849834	-1.1767	0.346545	1.16328	1.16328	0.020472	1.54608	1.54608	0.869553	1.02598	1.02598	0.643763	1.07536	1.07536	2.33067	0.898621	0.342724	1
cg20460101	CDK6	0.12379	0.148554	0.629865	-1.58764	0.167525	1.55097	1.55097	0.182406	1.52525	1.52525	0.798604	0.926562	-1.07926	0.639173	0.868598	-1.15128	0.164853	1.55585	1.55585	0.0119024	2.55082	2.55082	0.333902	1.34624	1.34624	0.988323	1.00438	1.00438	2.33067	3.28497	1.25285	1
cg13668397	LIG1	0.123792	0.315419	0.670874	-1.49059	0.816023	1.09376	1.09376	0.323139	1.48059	1.48059	0.00522149	0.242421	-4.12506	0.414733	0.725717	-1.37795	0.980075	0.990442	-1.00965	0.0863264	0.482561	-2.07228	0.73565	0.877825	-1.13918	0.96863	0.984991	-1.01524	2.33065	5.45843	2.08179	1
cg11706241	TAF4	0.123792	0.391136	0.865309	-1.15566	0.115564	0.754529	-1.32533	0.846775	0.96865	-1.03236	0.318082	1.1852	1.1852	0.037633	0.672295	-1.48744	0.01694	0.619057	-1.61536	0.415597	0.871969	-1.14683	?	?	?	0.509015	0.895567	-1.11661	2.35277	0.897909	0.381638	1
cg14297063	FIBCD1;FIBCD1	0.123793	0.575648	0.696155	-1.43646	0.903484	1.08079	1.08079	0.723409	0.796464	-1.25555	0.55031	0.67907	-1.4726	0.0275593	0.188462	-5.30611	0.787258	1.18915	1.18915	0.16557	2.57827	2.57827	0.0150232	0.14743	-6.7829	0.302775	0.504774	-1.98108	2.33064	15.1398	5.77419	1
cg04462627	TEPP;TEPP	0.123794	0.96564	0.981057	-1.01931	0.0617538	2.58992	2.58992	0.860478	1.08125	1.08125	0.074988	0.408491	-2.44804	0.77927	1.13291	1.13291	0.869497	1.07574	1.07574	0.180495	0.52876	-1.89122	0.186298	1.87325	1.87325	0.0378111	2.98823	2.98823	2.46412	7.53007	2.3768	1
cg22492020	TIPIN	0.123794	0.109753	0.77167	-1.29589	0.210695	1.21662	1.21662	0.725415	1.05382	1.05382	0.776215	0.958516	-1.04328	0.492787	0.901623	-1.10911	0.120741	0.778664	-1.28425	0.0123712	0.629421	-1.58876	0.560965	1.09133	1.09133	0.201648	0.818357	-1.22196	2.33063	0.815834	0.311154	1
cg19123462	CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.123797	0.678166	0.905323	-1.10458	0.0372038	0.561861	-1.7798	0.0375743	0.562687	-1.77719	0.900382	1.0303	1.0303	0.036174	0.559527	-1.78722	0.0612436	0.604897	-1.65317	0.731315	0.921128	-1.08563	0.798842	1.06276	1.06276	0.147429	0.690385	-1.44847	2.33061	2.097	0.799793	1
cg13803688	ALX3	0.123797	0.0775267	3.71449	3.71449	0.195805	2.49654	2.49654	0.319286	1.99039	1.99039	0.257716	2.20317	2.20317	0.0145877	7.47628	7.47628	0.860146	0.888747	-1.12518	0.630439	1.38292	1.38292	0.0175117	6.91583	6.91583	0.526551	1.53594	1.53594	2.33061	16.5095	6.2967	1
cg24327542	PTPRV	0.123799	0.0677249	0.488296	-2.04794	0.0429642	0.442247	-2.26118	0.0604182	0.476296	-2.09954	0.31	0.692129	-1.44482	0.0214046	0.379707	-2.63361	0.253277	0.658404	-1.51883	0.0730051	0.496367	-2.01464	0.796236	0.913345	-1.09488	0.145083	0.57803	-1.73001	2.33059	4.52891	1.72733	1
cg03700001	FBRSL1	0.123799	0.324756	0.463767	-2.15626	0.256932	2.44499	2.44499	0.0322624	6.65007	6.65007	0.873542	1.1279	1.1279	0.0356055	0.157517	-6.34853	0.65474	0.711695	-1.4051	0.324427	0.463509	-2.15746	0.690001	1.35383	1.35383	0.199702	0.359254	-2.78354	2.33059	21.0741	8.03768	1
cg13877285	PPP2R2A	0.123799	0.935027	1.00946	1.00946	0.280367	1.13828	1.13828	0.433215	1.0967	1.0967	0.70531	1.04483	1.04483	0.0495907	0.77216	-1.29507	0.775565	0.967546	-1.03354	0.226299	0.863604	-1.15794	0.844094	0.97753	-1.02299	0.0146199	1.41486	1.41486	2.33059	0.491738	0.187549	1
cg19995459	TGFBR2;TGFBR2	0.123801	0.362877	1.65033	1.65033	0.192367	2.09421	2.09421	0.727108	0.828876	-1.20645	0.0552354	0.31217	-3.20338	0.735557	1.19913	1.19913	0.40511	1.57825	1.57825	0.286337	0.552587	-1.80967	0.0210483	4.42219	4.42219	0.467968	0.673267	-1.48529	2.33058	10.5927	4.04011	1
cg04680535	SDK1	0.123802	0.761049	1.17345	1.17345	0.840011	1.11182	1.11182	0.0344472	0.274306	-3.64557	0.467675	1.47334	1.47334	0.0104636	0.184526	-5.4193	0.567249	1.35426	1.35426	0.842688	0.901046	-1.10982	0.38293	1.59874	1.59874	0.874926	0.920714	-1.08611	2.33056	10.1507	3.87153	1
cg04885581	FRMD6	0.123804	0.646174	0.779161	-1.28343	0.036213	0.268539	-3.72386	0.228103	0.505135	-1.97967	0.0519824	0.303149	-3.2987	0.0540673	0.307173	-3.2555	0.182091	0.465545	-2.14802	0.0159186	0.203168	-4.92204	0.348232	0.593721	-1.68429	0.510625	0.697519	-1.43365	2.33055	10.7565	4.10262	1
cg26383138	MYT1L	0.123805	0.352422	0.500294	-1.99883	0.591102	0.675354	-1.4807	0.146429	0.323609	-3.09015	0.0985515	0.269522	-3.71028	0.00717212	0.0810734	-12.3345	0.97887	0.981015	-1.01935	0.903358	0.91584	-1.09189	0.0401678	0.179776	-5.56247	0.382593	0.523062	-1.91182	2.33054	19.3342	7.37426	1
cg21511203	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.123808	0.463441	0.879473	-1.13704	0.0520685	1.46274	1.46274	0.0468794	1.47924	1.47924	0.927371	0.984432	-1.01581	0.47865	1.13197	1.13197	0.173837	1.28274	1.28274	0.612668	1.09183	1.09183	0.999294	0.999848	-1.00015	0.0473231	0.676703	-1.47775	2.33052	1.09316	0.416943	1
cg24828988	AGPAT1;AGPAT1	0.123809	0.134238	0.719035	-1.39075	0.795987	0.948456	-1.05434	0.0188666	0.559375	-1.78771	0.357408	0.824221	-1.21327	0.888225	1.02914	1.02914	0.0546261	1.56093	1.56093	0.277455	0.793983	-1.25947	0.388291	1.19793	1.19793	0.817795	0.95396	-1.04826	2.33051	1.53978	0.587295	1
cg25509782	FSD1L;FSD1L;FSD1L	0.123811	0.656545	1.05598	1.05598	0.155366	1.20325	1.20325	0.411637	1.10756	1.10756	0.393792	1.11216	1.11216	0.247761	1.15842	1.15842	0.217681	1.17095	1.17095	0.0799605	0.789441	-1.26672	0.781407	1.03443	1.03443	0.0113533	1.47067	1.47067	2.33049	0.546623	0.208491	1
cg06062590	MIR548G;C3orf26;C3orf26	0.123812	0.648419	0.876871	-1.14042	0.809534	0.933219	-1.07156	0.335223	1.32902	1.32902	0.0028683	0.309109	-3.2351	0.77176	0.920121	-1.08681	0.616825	1.15534	1.15534	0.816906	0.935774	-1.06863	0.551786	0.84171	-1.18806	0.975667	0.991308	-1.00877	2.33048	3.02383	1.15334	1
cg16390249	MAD1L1;MAD1L1;MAD1L1	0.123813	0.914665	1.0169	1.0169	0.777097	0.956595	-1.04537	0.489768	0.896111	-1.11593	0.405902	0.875519	-1.14218	0.968906	1.00611	1.00611	0.333345	1.16884	1.16884	0.00390808	1.83544	1.83544	0.449964	0.886605	-1.1279	0.863529	0.973462	-1.02726	2.33047	0.902184	0.344111	1
cg03860650	ACTL7B	0.123814	0.750399	0.935767	-1.06864	0.21532	1.31166	1.31166	0.524288	1.14366	1.14366	0.486426	0.863202	-1.15848	0.781746	1.05947	1.05947	0.26263	0.784309	-1.27501	0.00728471	2.05432	2.05432	0.698963	0.922346	-1.08419	0.224367	0.766827	-1.30407	2.33046	1.59709	0.609166	1
cg11923957	PDE4A	0.123814	0.821683	0.945552	-1.05758	0.341357	0.784145	-1.27527	0.0464565	0.567998	-1.76057	0.41005	1.23237	1.23237	0.156231	0.68648	-1.45671	0.850941	1.04776	1.04776	0.00878934	0.43712	-2.2877	0.55725	0.863106	-1.15861	0.216054	0.724056	-1.38111	2.33046	2.27025	0.865924	1
cg09324654	PITPNC1;PITPNC1	0.123815	0.0690612	0.655351	-1.5259	0.0332561	0.596339	-1.6769	0.64802	1.10019	1.10019	0.19173	0.750443	-1.33255	0.890454	0.971779	-1.02904	0.161903	0.733262	-1.36377	0.263406	0.784905	-1.27404	0.788849	0.945767	-1.05734	0.0740909	1.51207	1.51207	2.33046	1.59272	0.607501	1
cg08459918	XCR1;XCR1	0.123816	0.639185	0.940414	-1.06336	0.738039	1.04464	1.04464	0.0232885	0.702747	-1.42299	0.0822431	0.778435	-1.28463	0.220762	0.845793	-1.18232	0.0216003	0.69843	-1.43178	0.913414	0.985949	-1.01425	0.0738678	0.771666	-1.2959	0.758098	0.960606	-1.04101	2.33044	0.624735	0.238289	1
cg08293091	DUSP1	0.123817	0.926716	0.988621	-1.01151	0.48642	0.915787	-1.09196	0.194048	1.1864	1.1864	0.330675	1.13299	1.13299	0.137468	1.22017	1.22017	0.0290207	1.37731	1.37731	0.0713499	0.778391	-1.2847	0.999297	1.00011	1.00011	0.249551	0.860968	-1.16148	2.33043	0.571134	0.217846	1
cg07459489	SLC30A8	0.123822	0.169745	0.649633	-1.53933	0.0301671	0.471483	-2.12097	0.083256	1.76039	1.76039	0.198663	0.669909	-1.49274	0.199016	1.49222	1.49222	0.474972	0.807129	-1.23896	0.731159	0.903282	-1.10707	0.744267	0.907975	-1.10135	0.149535	0.633977	-1.57734	2.3304	3.21043	1.22456	1
cg03784054	FAM65A	0.123822	0.132734	1.34826	1.34826	0.651515	0.919657	-1.08736	0.785716	1.05148	1.05148	0.0187119	1.69029	1.69029	0.843441	1.0371	1.0371	0.86657	0.969498	-1.03146	0.0400572	0.645918	-1.54818	0.827423	1.04104	1.04104	0.32584	0.829547	-1.20548	2.33039	1.2524	0.477707	1
cg18490238	OPA3;OPA3	0.123823	0.555112	1.20119	1.20119	0.220842	0.673503	-1.48478	0.0099743	0.368149	-2.71629	0.203701	1.50983	1.50983	0.943315	1.02208	1.02208	0.0831942	0.554869	-1.80223	0.502939	1.23217	1.23217	0.868384	0.950343	-1.05225	0.617268	0.856651	-1.16734	2.33038	3.4809	1.32774	1
cg16913789	HOXA9	0.123825	0.762072	0.899292	-1.11199	0.279091	0.674772	-1.48198	0.031328	2.41796	2.41796	0.264395	0.665881	-1.50177	0.183506	1.63769	1.63769	0.243908	1.53141	1.53141	0.106053	0.539531	-1.85346	0.289348	0.68082	-1.46882	0.349682	0.714249	-1.40007	2.33037	4.51006	1.7203	1
cg06971227	AATK	0.12383	0.145644	2.1527	2.1527	0.0752381	2.64352	2.64352	0.0810493	2.58387	2.58387	0.19596	1.95639	1.95639	0.128591	2.23909	2.23909	0.164824	2.06931	2.06931	0.0113226	4.74145	4.74145	0.0622934	2.80062	2.80062	0.268547	1.76039	1.76039	2.33032	8.8887	3.39055	1
cg12548824	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1;MTUS1	0.123839	0.051331	0.365126	-2.73878	0.671862	1.21346	1.21346	0.0947644	2.30209	2.30209	0.906884	1.05457	1.05457	0.233153	0.566844	-1.76415	0.38394	0.666717	-1.49989	0.0834801	0.418966	-2.38683	0.706931	0.842389	-1.1871	0.0937159	2.30942	2.30942	2.33025	7.60994	2.90286	1
cg00841408	CAMK1	0.12384	0.651198	1.1746	1.1746	0.798535	1.09465	1.09465	0.805826	1.09099	1.09099	0.154231	1.71479	1.71479	0.0385342	0.428482	-2.33382	0.0643182	2.08542	2.08542	0.243661	0.649638	-1.53932	0.0871233	0.512754	-1.95025	0.9144	0.962694	-1.03875	2.33024	4.61422	1.76013	1
cg19354122	DMD;DMD	0.123842	0.318722	0.610168	-1.63889	0.00879847	0.202038	-4.94955	0.39373	0.65783	-1.52015	0.420653	1.4835	1.4835	0.40959	0.667448	-1.49824	0.202727	0.524831	-1.90538	0.238251	0.553107	-1.80797	0.143543	0.470725	-2.12438	0.263052	1.74957	1.74957	2.33022	8.48166	3.23542	1
cg01530981	CAMK1G	0.123843	0.80805	0.902424	-1.10813	0.0354119	2.81013	2.81013	0.374862	0.68099	-1.46845	0.0600286	2.44713	2.44713	0.0842144	0.446711	-2.23858	0.222197	1.71802	1.71802	0.478326	1.35536	1.35536	0.4145	0.703378	-1.42171	0.506185	1.32914	1.32914	2.33021	6.56691	2.50503	1
cg14330479	ARHGEF10	0.123848	0.93524	0.97201	-1.0288	0.140728	0.57491	-1.7394	0.0277632	0.403041	-2.48114	0.10071	1.874	1.874	0.504453	0.789285	-1.26697	0.406528	0.743316	-1.34532	0.0775767	1.9844	1.9844	0.671399	1.16076	1.16076	0.618602	0.839181	-1.19164	2.33018	4.5039	1.71809	1
cg04843690	LPCAT1	0.123848	0.378419	0.852954	-1.1724	0.0142101	0.587211	-1.70296	0.389304	0.856184	-1.16797	0.535691	0.89549	-1.11671	0.0199346	0.609903	-1.6396	0.208568	0.7919	-1.26279	0.853619	1.03304	1.03304	0.198961	0.787503	-1.26984	0.449487	1.14526	1.14526	2.33017	1.14314	0.436073	1
cg14416559	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.123849	0.823143	0.863604	-1.15794	0.25036	0.455278	-2.19646	0.00894605	8.83029	8.83029	0.339749	1.9051	1.9051	0.0977899	0.304254	-3.28673	0.377198	0.552345	-1.81046	0.944108	1.047	1.047	0.840392	0.876261	-1.14121	0.82447	0.864574	-1.15664	2.33016	15.8363	6.04109	1
cg00510447	TNFRSF12A	0.123851	0.046692	0.326244	-3.0652	0.570944	1.32529	1.32529	0.439168	0.678385	-1.47409	0.102706	0.41557	-2.40633	0.419911	0.666787	-1.49973	0.61957	0.781817	-1.27907	0.012085	0.214614	-4.65953	0.15555	0.473616	-2.11141	0.0873316	0.395221	-2.53023	2.33015	8.92605	3.40504	1
cg03770877	PPP4R2	0.123852	0.603303	0.861925	-1.16019	0.0250478	0.469773	-2.12869	0.181872	0.669233	-1.49425	0.456672	1.23967	1.23967	0.0380519	0.50584	-1.97691	0.0582401	0.545198	-1.8342	0.072995	0.567358	-1.76256	0.787449	0.926266	-1.0796	0.445623	0.802231	-1.24652	2.33014	2.9644	1.13084	1
cg18412613	YKT6	0.123852	0.669781	1.07203	1.07203	0.0355067	1.4872	1.4872	0.121586	1.31277	1.31277	0.051766	0.698434	-1.43177	0.0776713	1.37433	1.37433	0.659279	1.0746	1.0746	0.396947	1.15102	1.15102	0.985844	1.00288	1.00288	0.521388	0.899979	-1.11114	2.33014	0.97027	0.370134	1
cg27323046	ACAP2	0.123852	0.0739819	2.77903	2.77903	0.250096	1.85317	1.85317	0.0712742	2.8124	2.8124	0.177241	2.08773	2.08773	0.244118	1.86911	1.86911	0.153359	2.19178	2.19178	0.0560838	3.03614	3.03614	0.0112603	5.10172	5.10172	0.159966	2.16109	2.16109	2.33013	9.72217	3.70877	1
cg24046689	C7orf20	0.123853	0.892952	0.976296	-1.02428	0.723559	1.06532	1.06532	0.195846	1.27599	1.27599	0.848486	0.966495	-1.03467	0.0143765	0.584136	-1.71193	0.638328	0.919105	-1.08801	0.484291	1.13501	1.13501	0.0280732	0.629876	-1.58761	0.653217	0.92258	-1.08392	2.33013	1.17156	0.446922	1
cg07609372	ASB10;ASB10;ASB10	0.123857	0.728247	1.11734	1.11734	0.806009	1.08141	1.08141	0.0181675	0.401597	-2.49006	0.526051	0.815173	-1.22673	0.491604	0.800763	-1.24881	0.888717	0.956444	-1.04554	0.0272771	0.435657	-2.29538	0.0337033	0.454347	-2.20096	0.491788	0.80084	-1.24869	2.3301	3.73362	1.42431	1
cg12009516	EXOC3L2	0.12386	0.438584	1.32968	1.32968	0.0107218	0.314583	-3.17881	0.519751	1.26534	1.26534	0.714215	1.14184	1.14184	0.872719	0.943818	-1.05953	0.422913	0.744378	-1.3434	0.0938061	0.514508	-1.9436	0.227352	0.633144	-1.57942	0.233357	1.56932	1.56932	2.33007	4.7999	1.83109	1
cg01916743	SKI	0.12386	0.0834798	5.25409	5.25409	0.0126116	14.6698	14.6698	0.0190981	11.6613	11.6613	0.134383	4.04641	4.04641	0.372052	2.21136	2.21136	0.265802	2.7295	2.7295	0.835294	1.19756	1.19756	0.280086	2.64401	2.64401	0.602602	1.57598	1.57598	2.33007	27.6718	10.5564	1
cg03576863	TERF2	0.123862	0.0365732	0.537824	-1.85934	0.316858	0.767836	-1.30236	0.213039	0.715475	-1.39767	0.126835	0.656002	-1.52438	0.0307096	0.523082	-1.91175	0.369728	1.26514	1.26514	0.389677	1.25239	1.25239	0.898147	1.03324	1.03324	0.157591	0.679904	-1.4708	2.33005	2.40538	0.917624	1
cg16023581	HRNBP3	0.123863	0.661935	0.902476	-1.10806	0.149496	1.43395	1.43395	0.403129	1.22084	1.22084	0.287325	0.772855	-1.2939	0.0397932	1.7408	1.7408	0.44869	0.835215	-1.1973	0.083876	1.56226	1.56226	0.0995151	1.52359	1.52359	0.0834096	1.56353	1.56353	2.33004	2.0073	0.765763	1
cg14986359	MZF1;MZF1;LOC100131691	0.123869	0.243306	2.56173	2.56173	0.181456	0.335209	-2.98321	0.652922	0.705544	-1.41735	0.0405665	6.18508	6.18508	0.360141	2.06449	2.06449	0.0954924	4.10043	4.10043	0.213192	0.364201	-2.74574	0.144966	0.299365	-3.3404	0.603936	1.49664	1.49664	2.32999	21.907	8.3575	1
cg01556929	VPS28;VPS28	0.12387	0.08734	2.9262	2.9262	0.875681	1.09315	1.09315	0.815372	1.14231	1.14231	?	?	?	0.104556	0.364494	-2.74353	0.104881	0.364901	-2.74047	?	?	?	?	?	?	0.15485	2.37764	2.37764	2.4137	8.24666	4.55547	1
cg06753092	ZMIZ2;ZMIZ2	0.123871	0.359125	0.812083	-1.2314	0.0519376	0.613736	-1.62937	0.0719546	0.641831	-1.55804	0.90781	1.0259	1.0259	0.578432	0.883454	-1.13192	0.613476	0.89365	-1.11901	0.0213227	1.84193	1.84193	0.469738	0.850139	-1.17628	0.562441	0.878728	-1.13801	2.32998	1.79833	0.686063	1
cg02370605	CDH7;CDH7	0.123874	0.919528	0.985503	-1.01471	0.0286021	1.45238	1.45238	0.0463987	1.39054	1.39054	0.269637	0.846946	-1.18071	0.565989	0.919576	-1.08746	0.77279	0.959028	-1.04272	0.0873504	0.761285	-1.31357	0.611776	0.928706	-1.07677	0.573062	1.08577	1.08577	2.32995	0.770584	0.293982	1
cg07342845	TAF4	0.123874	0.340824	1.59925	1.59925	0.0378245	3.16459	3.16459	0.804102	0.887916	-1.12623	0.243826	1.79192	1.79192	0.761678	1.15661	1.15661	0.371013	1.55175	1.55175	0.313518	0.607369	-1.64644	0.686567	1.21415	1.21415	0.0223028	0.269827	-3.70608	2.32995	8.44312	3.2211	1
cg11953252	SLC24A3;LOC100130264	0.123874	0.959586	0.992046	-1.00802	0.109728	0.759745	-1.31623	0.709694	0.942774	-1.0607	0.190984	0.803964	-1.24384	0.948467	1.01024	1.01024	0.10875	1.31741	1.31741	0.0139595	1.61362	1.61362	0.588573	0.917539	-1.08987	0.803495	0.961473	-1.04007	2.32995	0.916407	0.349614	1
cg05394456	MPG;MPG;MPG	0.123875	0.136472	0.485845	-2.05827	0.0114332	4.15418	4.15418	0.202041	1.83328	1.83328	0.4967	0.733072	-1.36412	0.281039	0.604024	-1.65556	0.720937	0.850959	-1.17514	0.404123	0.681053	-1.46832	0.455731	0.710471	-1.40752	0.610078	0.793407	-1.26039	2.32994	7.47091	2.85021	1
cg20148334	LAMB3;LAMB3;LAMB3	0.123876	0.566105	0.721327	-1.38633	0.00680513	0.138793	-7.20499	0.045805	0.275435	-3.63062	0.480632	1.49745	1.49745	0.457123	0.652802	-1.53186	0.403792	0.618081	-1.61791	0.295251	0.54264	-1.84284	0.17645	0.445157	-2.2464	0.917128	1.06037	1.06037	2.32993	11.7043	4.46528	1
cg18532907	OR52D1	0.123877	0.0439991	0.25066	-3.98947	0.0251047	0.203358	-4.91743	0.0929572	0.331208	-3.01926	0.278174	0.509589	-1.96236	0.123484	0.368818	-2.71136	0.0476768	0.258242	-3.87234	0.57661	0.713749	-1.40105	0.0488769	0.260636	-3.83678	0.347353	0.560751	-1.78332	2.32993	13.1886	5.03158	1
cg14181879	PACRG;PACRG;PACRG	0.123879	0.321338	1.91493	1.91493	0.648876	1.33733	1.33733	0.975518	0.98073	-1.01965	0.192574	2.39763	2.39763	0.101169	3.12114	3.12114	0.184412	2.44177	2.44177	0.0106	7.67588	7.67588	0.0606887	3.82257	3.82257	0.0547413	3.98112	3.98112	2.32991	14.8367	5.66038	1
cg22083602	GRAMD1A;GRAMD1A	0.123885	0.62057	0.791986	-1.26265	0.0603648	2.6908	2.6908	0.266221	1.7184	1.7184	0.119138	0.453659	-2.2043	0.140792	0.476938	-2.09671	0.0327718	0.31122	-3.21316	0.694553	1.20257	1.20257	0.974553	1.01502	1.01502	0.496778	0.724374	-1.3805	2.32986	8.05906	3.0747	1
cg12342027	PPIA	0.123886	0.217974	0.496487	-2.01415	0.781656	0.861559	-1.16069	0.925458	1.05145	1.05145	0.428016	1.54526	1.54526	0.3125	0.569489	-1.75596	0.989641	0.993064	-1.00698	0.577879	0.73945	-1.35236	0.0118455	5.73034	5.73034	0.0656869	3.08801	3.08801	2.46324	10.9768	3.46596	1
cg09642090	PKNOX2	0.123886	0.110797	0.474103	-2.10925	0.0554252	0.39353	-2.5411	0.0610465	0.40381	-2.47641	0.748093	0.87074	-1.14845	0.00946937	0.243584	-4.10536	0.132154	0.497572	-2.00976	0.244626	0.592839	-1.6868	0.633312	0.813463	-1.22931	0.2699	0.610488	-1.63804	2.32985	6.80853	2.59761	1
cg12210363	RCAN1;RCAN1	0.123887	0.385094	1.20771	1.20771	0.182994	0.740023	-1.35131	0.144648	0.71571	-1.39721	0.913087	1.02332	1.02332	0.155934	0.723343	-1.38247	0.146093	1.39526	1.39526	0.0157025	0.524195	-1.90769	0.615112	0.898371	-1.11313	0.318641	0.80355	-1.24448	2.46322	1.70245	0.53756	1
cg03412310	LYPLA1	0.123889	0.134639	1.16293	1.16293	0.42919	0.927259	-1.07845	0.575233	1.05441	1.05441	0.464064	0.93264	-1.07222	0.212133	1.13087	1.13087	0.0122058	1.33939	1.33939	0.160726	0.869178	-1.15051	0.932377	1.00797	1.00797	0.311982	1.10283	1.10283	2.32983	0.323123	0.12328	1
cg11462865	KRT19	0.12389	0.042397	15.6786	15.6786	0.577558	1.93961	1.93961	0.214457	4.65922	4.65922	0.471572	2.36853	2.36853	0.0459135	14.7912	14.7912	0.364578	2.99519	2.99519	0.19505	5.02192	5.02192	0.0337186	18.5414	18.5414	0.0209249	26.3623	26.3623	2.32982	51.1572	19.5179	1
cg15173196	UBE2T	0.123891	0.720769	0.872147	-1.1466	0.1831	0.580995	-1.72118	0.830876	1.0849	1.0849	0.0355845	0.385	-2.5974	0.742618	1.13381	1.13381	0.401789	0.720345	-1.38822	0.024667	0.350723	-2.85125	0.575439	1.24094	1.24094	0.0365621	0.387642	-2.5797	2.46319	5.54094	1.74961	1
cg09157272	GRAMD2	0.123892	0.0537101	0.346593	-2.88523	0.114313	0.435693	-2.29519	0.122702	0.445308	-2.24564	0.121079	0.443481	-2.25489	0.0212947	0.262168	-3.81434	0.614779	0.782351	-1.2782	0.025887	0.278204	-3.59448	0.306948	0.599544	-1.66794	0.200271	0.519744	-1.92402	2.3298	8.63309	3.29379	1
cg18003518	AFF3;AFF3	0.123894	0.072506	0.702677	-1.42313	0.242984	0.806431	-1.24003	0.421735	0.865444	-1.15548	0.208525	0.791792	-1.26296	0.537845	0.895978	-1.1161	0.314664	0.832697	-1.20092	0.0155005	1.6868	1.6868	0.631542	1.0888	1.0888	0.713977	0.937237	-1.06697	2.32978	1.14404	0.436489	1
cg00230393	GDF10	0.123894	0.126968	0.666792	-1.49972	0.144032	1.47015	1.47015	0.0998574	0.642272	-1.55697	0.513977	0.850013	-1.17645	0.459471	1.20313	1.20313	0.783519	0.934618	-1.06996	0.0218125	1.96568	1.96568	0.682989	0.9041	-1.10607	0.479681	1.19294	1.19294	2.32978	2.22436	0.848667	1
cg13727849	MGC16275;TTYH2	0.123894	0.768509	0.833851	-1.19925	0.129428	0.364721	-2.74182	0.0480286	0.248739	-4.02028	0.745902	0.818592	-1.22161	0.039728	0.231332	-4.32279	0.452262	0.624106	-1.60229	0.00942524	0.131865	-7.58349	0.286454	0.505877	-1.97677	0.452508	0.624272	-1.60187	2.32978	13.9846	5.3356	1
cg18161285	MIR183;MIR96	0.123896	0.779566	0.924845	-1.08126	0.0652322	1.7795	1.7795	0.0207389	2.1713	2.1713	0.733995	1.09963	1.09963	0.129138	0.633435	-1.57869	0.818356	0.937953	-1.06615	0.340951	0.760903	-1.31423	0.211437	0.693103	-1.44279	0.791018	0.928717	-1.07675	2.32977	2.86087	1.09152	1
cg19857461	RPTOR;RPTOR	0.123898	0.400127	0.665657	-1.50227	0.519933	0.734765	-1.36098	0.0757179	0.392935	-2.54495	0.627837	0.793875	-1.25964	0.0335401	0.309323	-3.23287	0.674032	0.818814	-1.22128	0.0186654	0.259974	-3.84654	0.480366	1.40351	1.40351	0.0662437	0.377761	-2.64717	2.32975	8.23832	3.14324	1
cg22086566	SDK1	0.123899	0.0996521	0.134751	-7.42107	0.342422	0.337412	-2.96373	0.949755	1.0725	1.0725	0.370091	0.359752	-2.77969	0.0845757	0.120167	-8.32176	0.588116	0.544804	-1.83552	0.0139575	0.0343031	-29.1519	0.0317107	0.0609942	-16.395	0.102427	0.137373	-7.27947	2.32974	45.52	17.3677	1
cg01770400	SERPINC1;SERPINC1	0.1239	0.314064	0.603057	-1.65822	0.885721	0.932529	-1.07235	0.516477	1.3765	1.3765	0.275402	1.73531	1.73531	0.510985	0.723354	-1.38245	0.455354	1.44679	1.44679	0.00478422	0.16218	-6.166	0.914143	0.948961	-1.05378	0.401041	0.65867	-1.51821	2.32973	8.70636	3.32183	1
cg22432760	TBCD	0.123902	0.956731	0.970104	-1.03082	0.531326	0.701374	-1.42577	0.556337	1.39494	1.39494	0.964305	0.975277	-1.02535	0.00499806	0.125164	-7.9895	0.068691	0.319863	-3.12634	0.584774	1.36162	1.36162	0.751723	1.19429	1.19429	0.986442	1.00955	1.00955	2.32971	11.5465	4.4055	1
cg09910755	CSGALNACT2	0.123906	0.169447	0.472469	-2.11654	0.0124064	4.92454	4.92454	0.973621	1.01708	1.01708	0.745461	0.846319	-1.18159	0.331969	0.59887	-1.66981	0.789613	0.871982	-1.14681	0.0857605	2.64521	2.64521	0.416636	1.52997	1.52997	0.274689	1.78995	1.78995	2.32968	9.68194	3.69414	1
cg19217571	SEPW1	0.123908	0.288147	1.40846	1.40846	0.757535	0.908304	-1.10095	0.0188233	2.42014	2.42014	0.0495962	2.00517	2.00517	0.606959	1.17487	1.17487	0.448057	0.78652	-1.27142	0.800616	1.08177	1.08177	0.461431	1.26221	1.26221	0.0303437	2.2048	2.2048	2.32966	3.55905	1.35797	1
cg05588496	DOK6	0.123909	0.415338	0.916434	-1.09119	0.329152	1.11133	1.11133	0.0741298	1.23194	1.23194	0.468424	0.925592	-1.08039	0.0994069	1.20841	1.20841	0.419016	1.0904	1.0904	0.0291066	0.763725	-1.30937	0.401724	0.913971	-1.09413	0.589	1.05884	1.05884	2.32965	0.405344	0.154661	1
cg06464432	ZNF821;ATXN1L	0.123913	0.133882	0.756222	-1.32236	0.212422	1.25483	1.25483	0.557684	1.10792	1.10792	0.867874	0.971632	-1.0292	0.612729	0.915555	-1.09223	0.953611	1.01011	1.01011	0.00851119	0.559682	-1.78673	0.119444	0.746736	-1.33916	0.3834	0.856854	-1.16706	2.32962	1.10223	0.420565	1
cg26626663	COL14A1	0.123913	0.181603	4.78577	4.78577	0.128931	6.12031	6.12031	0.113817	6.68234	6.68234	0.314467	3.15347	3.15347	0.768635	0.722034	-1.38498	0.317929	3.12604	3.12604	0.0239498	19.5744	19.5744	0.0138838	28.6794	28.6794	0.249602	3.77543	3.77543	2.32962	44.9769	17.1614	1
cg24689585	CYFIP1;CYFIP1	0.123914	0.440285	1.14575	1.14575	0.649071	0.923852	-1.08242	0.540259	0.898357	-1.11314	0.421554	0.867671	-1.15251	0.788451	0.95457	-1.04759	0.479703	0.88319	-1.13226	0.00625913	1.8513	1.8513	0.945695	1.01185	1.01185	0.137746	0.758569	-1.31827	2.32961	1.10274	0.420762	1
cg16244394	CDC42SE2;CDC42SE2	0.123918	0.0471022	0.393083	-2.54399	0.0167739	0.301337	-3.31855	0.0242559	0.331625	-3.01545	0.783108	0.892796	-1.12008	0.688684	0.847466	-1.17999	0.867327	1.07112	1.07112	0.968683	0.983996	-1.01626	0.909988	1.04757	1.04757	0.217714	0.586905	-1.70385	2.32958	6.23091	2.37751	1
cg21204139	UBE2U	0.12392	0.404723	1.22563	1.22563	0.0152031	2.03717	2.03717	0.0410577	1.75523	1.75523	0.315088	1.28134	1.28134	0.185165	1.39842	1.39842	0.0263848	1.87458	1.87458	0.782393	0.93606	-1.06831	0.62645	1.12419	1.12419	0.543465	1.15808	1.15808	2.32956	2.1013	0.801792	1
cg07705820	SLC44A4	0.123926	0.133155	0.714973	-1.39865	0.0636998	1.53986	1.53986	0.0540484	0.635818	-1.57278	0.601095	1.11543	1.11543	0.242199	0.776095	-1.2885	0.914968	0.978125	-1.02236	0.0857384	0.674837	-1.48184	0.200032	0.755525	-1.32358	0.248111	0.778771	-1.28407	2.3295	1.58222	0.60374	1
cg23715045	VSIG2	0.123929	0.0288594	7.02723	7.02723	0.0835491	4.25954	4.25954	0.140045	3.32425	3.32425	0.154773	3.16526	3.16526	0.132667	3.41302	3.41302	0.141822	3.30385	3.30385	0.463097	0.568301	-1.75963	0.751612	0.78643	-1.27157	0.0566467	5.1163	5.1163	2.32948	21.1203	8.05915	1
cg06530270	CANT1;CANT1;CANT1	0.12393	0.0251868	0.609896	-1.63963	0.246683	0.798518	-1.25232	0.313422	1.21368	1.21368	0.622932	0.912059	-1.09642	0.546344	1.12007	1.12007	0.052043	0.66331	-1.50759	0.985589	0.996651	-1.00336	0.212535	0.783589	-1.27618	0.0531547	0.664929	-1.50392	2.32947	1.27275	0.485661	1
cg26723185	RPTOR;RPTOR	0.123936	0.15135	0.764318	-1.30836	0.206056	0.79201	-1.26261	0.0722061	1.42017	1.42017	0.225136	0.800341	-1.24947	0.703352	0.935303	-1.06917	0.194842	0.78684	-1.27091	0.040383	1.51274	1.51274	0.748816	1.05777	1.05777	0.636551	1.08677	1.08677	2.32942	1.12751	0.43025	1
cg15852258	TLR2	0.123938	0.0338744	36.1987	36.1987	0.0756306	17.5554	17.5554	0.357575	3.93874	3.93874	0.306556	4.63561	4.63561	0.370456	0.2638	-3.79074	0.1512	9.28614	9.28614	0.633405	0.49848	-2.0061	0.0368097	33.5849	33.5849	0.132563	10.5021	10.5021	2.3294	77.45	29.5545	1
cg00769915	C14orf143	0.12394	0.894614	0.946052	-1.05702	0.00713126	0.233602	-4.28079	0.0256345	0.329776	-3.03236	0.31165	0.645337	-1.54958	0.300902	0.638569	-1.566	0.760863	0.880092	-1.13625	0.944709	1.02945	1.02945	0.163483	0.536716	-1.86318	0.421126	0.70901	-1.41042	2.32939	6.45942	2.4649	1
cg01012445	LRBA;MAB21L2	0.123941	0.0169334	11.7037	11.7037	0.309798	2.42921	2.42921	0.168296	3.4551	3.4551	0.257449	2.71294	2.71294	0.315924	2.40041	2.40041	0.344306	0.439273	-2.27649	0.0581223	6.10152	6.10152	0.397776	2.07751	2.07751	0.0470474	6.81691	6.81691	2.32938	26.3102	10.0399	1
cg27226861	GRSF1;GRSF1	0.123941	0.705961	1.05222	1.05222	0.226586	0.843244	-1.1859	0.0776106	0.768429	-1.30136	0.485495	0.90921	-1.09986	0.162552	0.818554	-1.22167	0.0976624	0.783454	-1.2764	0.828744	1.02952	1.02952	0.0349332	1.39107	1.39107	0.431265	1.11391	1.11391	2.32938	0.665321	0.253886	1
cg14339867	ADPRHL1	0.123941	0.646314	1.26123	1.26123	0.0174582	4.27751	4.27751	0.0861016	2.59239	2.59239	0.508324	1.40081	1.40081	0.499907	0.708947	-1.41054	0.431951	0.668411	-1.49609	0.0302311	3.59606	3.59606	0.582714	1.32143	1.32143	0.764143	0.859722	-1.16317	2.32938	9.30776	3.55184	1
cg00267207	GUCY2C	0.123942	0.0701191	0.273147	-3.66103	0.727771	1.25104	1.25104	0.170969	0.392841	-2.54556	0.987678	1.00995	1.00995	0.0559165	0.249577	-4.00679	0.0400804	0.218597	-4.57462	0.0237347	0.177256	-5.64156	0.920111	0.937726	-1.06641	0.303191	0.50483	-1.98087	2.32937	15.1546	5.783	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22153940	TBC1D9B;TBC1D9B	0.123944	0.00905131	0.302019	-3.31104	0.146759	1.75429	1.75429	0.576239	0.815645	-1.22602	0.848746	1.07134	1.07134	0.0666111	0.476022	-2.10074	0.935272	0.971111	-1.02975	0.693937	1.15343	1.15343	0.764572	1.11449	1.11449	0.503614	0.782743	-1.27756	2.32935	4.8051	1.83364	1
cg14318237	ZDHHC23	0.123945	0.19635	0.698986	-1.43064	0.321269	1.30816	1.30816	0.77394	1.07841	1.07841	0.0274235	0.504645	-1.98159	?	?	?	0.812178	1.06439	1.06439	0.030349	0.513094	-1.94896	0.516305	1.18829	1.18829	0.774926	1.07805	1.07805	2.35143	2.27479	0.967404	1
cg27128273	HIST1H1E	0.123946	0.645893	0.929075	-1.07634	0.828531	1.03509	1.03509	0.438147	0.881833	-1.134	0.952422	1.00953	1.00953	0.400622	1.1466	1.1466	0.998748	1.00025	1.00025	0.326332	1.17485	1.17485	0.583129	1.09213	1.09213	0.00306265	1.90568	1.90568	2.32934	0.932774	0.355951	1
cg23735482	MYO3A	0.123946	0.516173	1.39928	1.39928	0.314054	1.70122	1.70122	0.119194	0.421903	-2.37021	0.340783	0.60593	-1.65036	0.310758	1.70784	1.70784	0.296059	0.575252	-1.73837	0.0146066	0.215522	-4.6399	0.249348	1.8486	1.8486	0.897109	1.06825	1.06825	2.32933	9.6081	3.66651	1
cg01474260	CCT8L2	0.123947	0.204239	0.535665	-1.86684	0.0358027	3.12073	3.12073	0.489707	0.721124	-1.38672	0.472972	1.40508	1.40508	0.510516	0.73272	-1.36478	0.0271876	0.295796	-3.38071	0.246213	0.568342	-1.7595	0.266375	0.582996	-1.71528	0.9692	0.982171	-1.01815	2.32933	8.00871	3.05618	1
cg04302704	JPH3	0.12395	0.70819	0.924299	-1.0819	0.314048	1.24357	1.24357	0.664212	0.91261	-1.09576	0.67647	0.915887	-1.09184	0.0177586	0.546878	-1.82856	0.115843	0.699184	-1.43024	0.0172953	0.544958	-1.835	0.933129	0.982583	-1.01773	0.520912	0.872639	-1.14595	2.32931	1.6171	0.617102	1
cg08285383	PPP2R5B	0.123954	0.0642008	0.756923	-1.32114	0.162506	1.221	1.221	0.0981845	1.27494	1.27494	0.197977	1.19986	1.19986	0.0798971	0.770877	-1.29722	0.246636	0.850242	-1.17614	0.869098	0.978155	-1.02233	0.420035	0.895546	-1.11664	0.69203	1.05476	1.05476	2.32927	0.66151	0.252443	1
cg24859593	FAM115C;FAM115C;FAM115C	0.123958	0.228175	0.730001	-1.36986	0.816223	0.943722	-1.05963	0.413357	0.812148	-1.2313	0.280938	0.756663	-1.32159	0.114119	1.53362	1.53362	0.731712	1.0894	1.0894	0.0111665	2.20626	2.20626	0.409319	0.810618	-1.23363	0.560707	1.15763	1.15763	2.32923	2.28372	0.871522	1
cg25562664	NR1I2;NR1I2;NR1I2	0.12396	0.158625	2.66481	2.66481	0.0952038	3.29521	3.29521	0.124802	2.94705	2.94705	0.398662	0.570038	-1.75427	0.0752657	3.62653	3.62653	0.884124	0.909504	-1.0995	0.107199	3.13845	3.13845	0.852578	1.12862	1.12862	0.0198449	6.22901	6.22901	2.32922	15.607	5.95602	1
cg06145508	ABLIM1;ABLIM1;ABLIM1	0.123961	0.612246	1.13673	1.13673	0.136145	0.668565	-1.49574	0.514074	0.847129	-1.18046	0.211148	0.718705	-1.39139	0.0128933	0.461135	-2.16856	0.393985	1.24472	1.24472	0.19173	1.41411	1.41411	0.782354	1.0719	1.0719	0.203378	0.714177	-1.40021	2.32921	2.31891	0.884958	1
cg24090629	TACR3	0.123961	0.168531	0.763104	-1.31044	0.795	0.953154	-1.04915	0.256037	1.24417	1.24417	0.300688	1.21848	1.21848	0.0960564	1.40043	1.40043	0.634736	0.915591	-1.09219	0.106048	0.722335	-1.3844	0.0979431	1.39727	1.39727	0.0790629	1.43231	1.43231	2.32921	1.2525	0.477989	1
cg15384459	YIPF3;POLR1C;POLR1C	0.123961	0.885007	1.09446	1.09446	0.163164	2.53039	2.53039	0.100039	3.07714	3.07714	0.0808236	3.34536	3.34536	0.767235	0.830991	-1.20338	0.407297	1.69673	1.69673	0.0859439	0.306181	-3.26604	0.259797	0.480378	-2.0817	0.123731	0.353511	-2.82876	2.32921	14.3509	5.4767	1
cg04503319	ANKRD11	0.123962	0.671037	1.14874	1.14874	0.0617122	0.505099	-1.97981	0.695065	1.1364	1.1364	0.181114	1.5854	1.5854	0.463825	0.785049	-1.27381	0.269404	0.688454	-1.45253	0.0162567	0.385248	-2.59573	0.215227	0.654814	-1.52715	0.558186	1.21191	1.21191	2.3292	3.88618	1.48307	1
cg09039163	ESPNL;ESPNL	0.123963	0.0879574	0.29911	-3.34325	0.597428	0.710643	-1.40718	0.68196	0.767907	-1.30224	0.298718	0.501393	-1.99444	0.0132549	0.139821	-7.152	0.182682	0.403991	-2.4753	0.0542622	0.246602	-4.05512	0.530548	0.665509	-1.50261	0.0303944	0.195742	-5.10876	2.32919	15.1542	5.78328	1
cg18231981	USF1;USF1	0.123965	0.0291188	0.634147	-1.57692	0.728089	0.940049	-1.06377	0.074115	1.42266	1.42266	0.0563947	0.682046	-1.46618	0.335979	0.838843	-1.19212	0.60745	0.912303	-1.09613	0.373567	1.17562	1.17562	0.488311	1.13281	1.13281	0.466438	0.876977	-1.14028	2.32917	1.15739	0.441698	1
cg04388123	PARN;PARN	0.123966	0.667545	0.808191	-1.23733	0.189744	0.504329	-1.98283	0.238858	0.544469	-1.83665	0.398173	0.652904	-1.53162	0.0180514	0.242792	-4.11876	0.413581	1.50974	1.50974	0.218898	0.528737	-1.8913	0.0721573	2.68879	2.68879	0.794956	1.13695	1.13695	2.32917	8.95977	3.41935	1
cg12733079	DOCK4;ZNF277	0.123972	0.373897	0.935179	-1.06931	0.550945	1.04529	1.04529	0.0199669	1.229	1.229	0.131746	0.887403	-1.12688	0.138546	0.889514	-1.12421	0.122124	1.13091	1.13091	0.87377	0.988394	-1.01174	0.761289	1.02262	1.02262	0.401847	1.06502	1.06502	2.32912	0.19886	0.0758932	1
cg19942138	ANK2;ANK2;ANK2	0.123972	0.0302481	0.643607	-1.55374	0.890923	1.02402	1.02402	0.341678	0.844113	-1.18468	0.683254	0.9315	-1.07354	0.970742	1.00636	1.00636	0.518701	1.11982	1.11982	0.0210139	1.61638	1.61638	0.688632	1.07216	1.07216	0.192407	1.26953	1.26953	2.32912	1.10364	0.421194	1
cg18410271	ARHGAP27;ARHGAP27	0.123972	0.130109	0.578389	-1.72894	0.138019	1.70712	1.70712	0.905711	1.04048	1.04048	0.337044	0.717882	-1.39299	0.0282294	0.419966	-2.38114	0.0720854	0.510547	-1.95868	0.227688	0.65439	-1.52814	0.0890231	0.533627	-1.87397	0.478292	0.785525	-1.27303	2.32911	4.13654	1.57868	1
cg21864248	PNPLA4;PNPLA4	0.123973	0.0424523	11.4498	11.4498	0.304017	3.03643	3.03643	0.888649	1.15739	1.15739	0.600526	0.576219	-1.73545	0.311324	0.335251	-2.98284	0.0545906	9.72834	9.72834	0.0730908	8.04922	8.04922	0.103689	6.40194	6.40194	0.111957	6.08534	6.08534	2.32911	40.1553	15.325	1
cg12508258	ADARB2	0.123975	0.389398	0.777275	-1.28655	0.00981347	2.5409	2.5409	0.453188	1.24394	1.24394	0.444383	1.24948	1.24948	0.290679	0.731077	-1.36785	0.32953	1.33302	1.33302	0.184619	1.49475	1.49475	0.215446	0.689048	-1.45128	0.907928	0.967491	-1.0336	2.32909	3.01003	1.14877	1
cg27318000	DLGAP1;DLGAP1	0.12398	0.913833	0.942838	-1.06063	0.0583375	0.312435	-3.20066	0.305489	0.561569	-1.78073	0.54717	1.39277	1.39277	0.820486	0.883733	-1.13156	0.780578	1.164	1.164	0.0755787	2.93196	2.93196	0.0317508	3.93136	3.93136	0.200724	2.08531	2.08531	2.32904	10.9085	4.16328	1
cg17979426	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.123982	0.431508	1.20919	1.20919	0.485746	0.845703	-1.18245	0.0686263	0.617403	-1.61969	0.261048	1.3196	1.3196	0.145162	0.690632	-1.44795	0.574816	1.14351	1.14351	0.019705	1.94728	1.94728	0.728089	0.920739	-1.08608	0.581086	1.14095	1.14095	2.32903	2.06482	0.788053	1
cg05458079	LBXCOR1	0.123985	0.0446791	32.9121	32.9121	0.086013	17.7373	17.7373	0.0786072	19.3195	19.3195	0.534193	0.385087	-2.59682	0.446424	0.308389	-3.24265	0.228066	6.80584	6.80584	0.0806504	18.8552	18.8552	0.074892	20.2259	20.2259	0.209714	7.41805	7.41805	2.329	84.7532	32.347	1
cg12047750	C6orf48;SNORD48;C6orf48	0.123987	0.398127	0.795698	-1.25676	0.619683	1.14129	1.14129	0.421789	1.24206	1.24206	0.0803793	0.599085	-1.66921	0.0504244	0.554864	-1.80224	0.175519	0.683496	-1.46307	0.021861	0.48347	-2.06838	0.510434	1.19286	1.19286	0.3341	0.768618	-1.30104	2.32899	2.57396	0.982383	1
cg04806553	CDKN1A;CDKN1A	0.123988	0.0815219	1.37028	1.37028	0.952032	1.00986	1.00986	0.550325	1.10362	1.10362	0.765414	0.95235	-1.05003	0.024405	1.54898	1.54898	0.262011	1.21026	1.21026	0.0409126	0.680452	-1.46961	0.713799	1.06194	1.06194	0.759354	0.951104	-1.05141	2.32898	0.981951	0.374776	1
cg04623955	DIO3	0.123988	0.154034	3.07063	3.07063	0.838643	0.860796	-1.16172	0.545339	0.637645	-1.56827	0.979671	1.01891	1.01891	0.570647	0.656169	-1.524	0.463058	0.577444	-1.73177	0.598427	0.676568	-1.47805	0.0173354	8.41928	8.41928	0.0306695	6.46647	6.46647	2.32898	19.9363	7.60901	1
cg20018234	LMNA;LMNA;LMNA;LMNA;LMNA;LMNA	0.12399	0.42471	1.17668	1.17668	0.00554702	0.483249	-2.06933	0.431908	0.85208	-1.1736	0.159234	0.740652	-1.35016	0.371996	0.832834	-1.20072	0.85357	0.9638	-1.03756	0.491748	0.869916	-1.14954	0.482041	1.15327	1.15327	0.435174	1.17222	1.17222	2.32896	1.46905	0.560687	1
cg10001720	LAPTM5	0.12399	0.302822	0.761124	-1.31385	0.776386	1.07554	1.07554	0.0563134	0.575397	-1.73793	0.247384	0.733967	-1.36246	0.851702	0.953267	-1.04902	0.394136	1.25009	1.25009	0.0383127	1.84757	1.84757	0.111926	1.55688	1.55688	0.378714	0.793775	-1.2598	2.32896	2.41229	0.920695	1
cg13350481	EXOG;EXOG	0.123992	0.0253376	0.586856	-1.704	0.927431	1.01843	1.01843	0.436657	1.17244	1.17244	0.275284	0.796484	-1.25552	0.336685	0.819885	-1.21968	0.439284	1.17133	1.17133	0.0700062	0.666217	-1.50101	0.0648739	0.659913	-1.51535	0.356321	1.2095	1.2095	2.32895	1.48254	0.565841	1
cg17627559	TSPAN32;C11orf21;C11orf21	0.123993	0.624001	0.905102	-1.10485	0.53252	1.13608	1.13608	0.253403	0.786056	-1.27217	0.0141847	0.542972	-1.84172	0.373089	0.831489	-1.20266	0.32234	0.813571	-1.22915	0.654483	1.09517	1.09517	0.0349201	0.608908	-1.64229	0.0748121	0.669996	-1.49255	2.32893	1.50233	0.573396	1
cg00704288	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.123995	0.389495	0.886763	-1.1277	0.224622	1.18985	1.18985	0.152432	1.23231	1.23231	0.461765	1.10749	1.10749	0.294326	1.15978	1.15978	0.10048	0.782542	-1.27789	0.3326	1.14592	1.14592	0.0802697	1.30269	1.30269	0.03244	1.40669	1.40669	2.32892	0.685019	0.261454	1
cg22731558	LDHAL6A;LDHAL6A	0.123996	0.143193	0.759636	-1.31642	0.518397	0.891896	-1.12121	0.262507	0.815347	-1.22647	0.0684808	0.700204	-1.42816	0.357247	0.847518	-1.17992	0.190426	1.27416	1.27416	0.0443917	1.49699	1.49699	0.232354	0.803439	-1.24465	0.355818	0.847077	-1.18053	2.32892	1.12621	0.429846	1
cg15560061	ZNF414;ZNF414	0.123998	0.0248963	7.64333	7.64333	0.218586	2.68021	2.68021	0.0622842	4.94743	4.94743	0.250945	2.49408	2.49408	0.489687	1.70684	1.70684	0.791581	0.817273	-1.22358	0.715618	0.756718	-1.3215	0.0303499	6.95465	6.95465	0.085709	4.25063	4.25063	2.32889	21.4101	8.17179	1
cg11805450	GRAMD1B	0.123999	?	?	?	?	?	?	0.0422095	6.90022	6.90022	?	?	?	?	?	?	?	?	?	?	?	?	0.293997	0.413341	-2.41931	0.809794	1.21493	1.21493	2.72558	9.17663	7.856	1
cg27230472	WWOX	0.124003	0.0554104	2.72372	2.72372	0.0165584	3.8606	3.8606	0.0460291	2.87241	2.87241	0.214943	1.82653	1.82653	0.556221	0.759825	-1.31609	0.460798	1.41413	1.41413	0.0955588	2.3279	2.3279	0.494641	1.37718	1.37718	0.221073	1.81055	1.81055	2.32885	7.85498	2.99814	1
cg08508777	LAMP1	0.124004	0.162457	0.66517	-1.50338	0.596549	1.15727	1.15727	0.315833	0.753115	-1.32782	0.507119	0.831941	-1.20201	0.0233638	0.476763	-2.09748	0.0901145	0.600093	-1.66641	0.0329249	0.505575	-1.97795	0.971172	0.990169	-1.00993	0.0603489	0.560397	-1.78445	2.32884	2.7569	1.05227	1
cg02764239	LOC100189589	0.124005	0.216223	1.60542	1.60542	0.58501	1.22212	1.22212	0.791736	0.908223	-1.10105	0.0435803	2.32578	2.32578	0.257707	0.650744	-1.5367	0.259508	0.651891	-1.534	0.0399533	2.37191	2.37191	0.0760248	2.05071	2.05071	0.764611	1.11542	1.11542	2.32883	4.88038	1.86279	1
cg02617898	OR10G3	0.124006	0.252397	0.383292	-2.60897	0.0727307	0.200728	-4.98187	0.176066	0.315434	-3.17024	0.858619	1.15375	1.15375	0.101417	0.237276	-4.21449	0.374715	0.481523	-2.07674	0.011804	0.0802922	-12.4545	0.0408063	0.150476	-6.64559	0.292903	0.416781	-2.39934	2.32882	23.7294	9.05727	1
cg06113534	DSCC1	0.124013	0.64029	0.952352	-1.05003	0.351022	1.10469	1.10469	0.0695147	1.23442	1.23442	0.970102	1.0039	1.0039	0.375726	0.910008	-1.09889	0.0668293	0.808039	-1.23756	0.0269978	0.762124	-1.31212	0.981421	0.997587	-1.00242	0.381678	1.09754	1.09754	2.32877	0.396876	0.151487	1
cg18996202	HLA-B	0.124014	0.500055	1.24236	1.24236	0.456457	0.786294	-1.27179	0.144541	1.6435	1.6435	0.712379	1.12455	1.12455	0.991356	0.996572	-1.00344	0.0312229	2.22853	2.22853	0.0836178	0.54498	-1.83493	0.091783	0.555175	-1.80123	0.454047	0.785243	-1.27349	2.32876	3.7064	1.41474	1
cg02731917	ARHGEF16	0.124015	0.287193	0.80659	-1.23979	0.14816	1.35217	1.35217	0.776273	1.05698	1.05698	0.415655	0.850596	-1.17565	0.0642414	0.667362	-1.49844	0.710007	1.07535	1.07535	0.425029	1.17169	1.17169	0.0804139	0.685791	-1.45817	0.0348816	0.619879	-1.61322	2.32875	1.39522	0.532558	1
cg12612947	TOP2B	0.124015	0.0276477	2.58439	2.58439	0.142242	1.77763	1.77763	0.0516328	2.24285	2.24285	0.901155	0.955701	-1.04635	0.552322	1.24512	1.24512	0.288296	0.668988	-1.4948	0.260116	0.651591	-1.53471	0.187983	1.66321	1.66321	0.237864	1.56967	1.56967	2.32875	4.90428	1.87198	1
cg14908557	FLJ42289;FLJ42289	0.124025	0.642672	0.917111	-1.09038	0.279269	1.2316	1.2316	0.242329	1.25434	1.25434	0.0386482	0.641768	-1.5582	0.703076	0.931535	-1.0735	0.101324	1.39408	1.39408	0.0418095	0.647601	-1.54416	0.878784	1.02867	1.02867	0.695487	1.07557	1.07557	2.32867	1.26482	0.482802	1
cg03722909	SETBP1;SETBP1	0.124025	0.648441	0.834934	-1.1977	0.00855365	0.267562	-3.73745	0.391134	0.707994	-1.41244	0.0968621	2.04672	2.04672	0.503248	0.765689	-1.30601	0.7192	0.867717	-1.15245	0.379182	0.701479	-1.42556	0.164545	0.55833	-1.79106	0.553462	1.26565	1.26565	2.32866	5.69644	2.17442	1
cg27641628	TMEM140	0.124033	0.584836	0.719537	-1.38978	0.830033	0.879632	-1.13684	0.0213764	0.192084	-5.20605	0.118863	0.364248	-2.74538	0.023328	0.198492	-5.03799	0.506758	1.49461	1.49461	0.0703918	0.299222	-3.342	0.999526	0.999646	-1.00035	0.465035	0.641723	-1.55831	2.3286	13.1269	5.01091	1
cg06703213	VIT	0.124033	0.760218	0.954575	-1.04759	0.499988	1.10958	1.10958	0.902963	1.0187	1.0187	0.809041	0.963898	-1.03745	0.366421	1.15134	1.15134	0.710573	1.05824	1.05824	0.00260397	1.88411	1.88411	0.685209	0.939983	-1.06385	0.895589	0.980257	-1.02014	2.32859	0.85064	0.324713	1
cg04228083	LOC100130872-SPON2;LOC100130872	0.124034	0.522941	1.67547	1.67547	0.00620652	17.1894	17.1894	0.0177732	9.94859	9.94859	0.710189	1.34655	1.34655	0.337181	2.20065	2.20065	0.566438	1.58716	1.58716	0.368009	2.08983	2.08983	0.318132	2.27622	2.27622	0.508967	1.70585	1.70585	2.32859	23.434	8.94543	1
cg17799033	PTPRN2;PTPRN2;PTPRN2	0.124038	0.717057	0.905871	-1.10391	0.496322	0.828926	-1.20638	0.0513229	0.547322	-1.82708	0.986452	0.995398	-1.00462	0.165089	0.668826	-1.49516	0.743492	1.09329	1.09329	0.191156	1.45638	1.45638	0.0345563	1.95323	1.95323	0.170607	0.672755	-1.48643	2.32855	2.72116	1.03876	1
cg19678392	PON1;PON1	0.124043	0.014831	17.3072	17.3072	0.0666894	7.06866	7.06866	0.260223	3.05575	3.05575	0.307451	2.73162	2.73162	0.0843371	6.1486	6.1486	0.790936	0.776687	-1.28752	0.303993	2.7528	2.7528	0.0317789	10.9569	10.9569	0.370701	2.39726	2.39726	2.32851	33.3655	12.737	1
cg21477717	SLC5A5	0.124043	0.214783	0.521303	-1.91827	0.0164532	0.231733	-4.31532	0.00922684	0.192328	-5.19946	0.296867	0.583033	-1.71517	0.162585	0.475378	-2.10359	0.390029	0.644439	-1.55174	0.209688	0.517109	-1.93383	0.359588	0.62508	-1.5998	0.5654	0.748361	-1.33625	2.32851	9.17654	3.50307	1
cg20150887	PLCD3;ACBD4	0.124044	0.0791178	4.40111	4.40111	0.0775883	4.44212	4.44212	0.0486392	5.54003	5.54003	0.488474	1.70738	1.70738	0.421517	0.535708	-1.86669	0.703649	1.33712	1.33712	0.855414	0.870532	-1.14872	0.017697	8.96127	8.96127	0.318533	2.18948	2.18948	2.3285	21.3092	8.13461	1
cg03987847	TSPAN1	0.12405	0.11228	0.746884	-1.3389	0.452551	1.13788	1.13788	0.0755109	0.716075	-1.3965	0.873203	0.973402	-1.02732	0.032292	0.654988	-1.52675	0.240476	0.812667	-1.23052	0.250324	1.22478	1.22478	0.225612	0.806706	-1.23961	0.0834067	0.723632	-1.38192	2.32845	1.05067	0.401094	1
cg11096815	IL17RD	0.124051	0.321995	1.30783	1.30783	0.925996	1.02467	1.02467	0.0632614	1.72969	1.72969	0.0812061	0.602248	-1.66045	0.0849602	1.64816	1.64816	0.354275	0.77881	-1.28401	0.951186	0.984069	-1.01619	0.401325	1.25274	1.25274	0.053846	1.77574	1.77574	2.32844	2.53745	0.96868	1
cg26893743	GALNT10	0.124052	0.236753	0.824007	-1.21358	0.246424	1.20838	1.20838	0.367468	1.15554	1.15554	0.148802	0.785215	-1.27354	0.261012	1.20088	1.20088	0.527379	1.10517	1.10517	0.0438544	1.43582	1.43582	0.304176	1.18078	1.18078	0.0872239	0.744624	-1.34296	2.32843	0.899238	0.343288	1
cg13365591	JAKMIP3	0.124052	0.217431	0.751748	-1.33023	0.132818	1.42852	1.42852	0.441354	0.841432	-1.18845	0.589517	1.12725	1.12725	0.0166958	0.525954	-1.90131	0.450802	1.18408	1.18408	0.774527	0.938793	-1.0652	0.922589	1.0216	1.0216	0.0644238	0.633262	-1.57912	2.32843	1.78335	0.680799	1
cg05083496	IGFBP3;IGFBP3	0.124058	0.0348961	2.18559	2.18559	0.112854	1.73126	1.73126	0.0534188	2.00923	2.00923	0.155963	1.6205	1.6205	?	?	?	0.0297415	2.25596	2.25596	0.432296	1.29029	1.29029	0.917872	1.03335	1.03335	0.15439	1.6239	1.6239	2.35045	3.34674	1.42387	1
cg20731597	HIVEP1	0.124058	0.204848	1.68834	1.68834	0.670087	0.845542	-1.18267	0.660923	1.18864	1.18864	0.503379	0.766538	-1.30457	0.403804	0.71573	-1.39717	0.609589	0.817393	-1.2234	0.0258397	2.81784	2.81784	0.0178458	3.08742	3.08742	0.888386	0.946507	-1.05652	2.32838	5.6521	2.15776	1
cg12083217	RAX	0.124061	0.0696101	0.0839931	-11.9057	0.325	0.289222	-3.45755	0.253062	0.232917	-4.29338	0.125317	0.131994	-7.57611	0.0609887	0.0759655	-13.1639	0.047784	0.0631354	-15.839	0.025522	0.0391885	-25.5177	0.205278	0.195697	-5.10995	0.0469279	0.0622763	-16.0575	2.32836	54.9402	20.9743	1
cg23682913	PRKCZ;PRKCZ;PRKCZ	0.124064	0.478845	1.3972	1.3972	0.847941	0.91468	-1.09328	0.809511	0.893871	-1.11873	0.21958	1.82164	1.82164	0.0400016	0.331968	-3.01233	0.881768	1.07159	1.07159	0.0646364	2.62275	2.62275	0.0488594	2.84341	2.84341	0.201868	1.87024	1.87024	2.32833	7.95871	3.0384	1
cg13298528	CXCR5;CXCR5	0.124065	0.0579977	0.379299	-2.63644	0.0794924	0.414547	-2.41227	0.0316875	0.320008	-3.12493	0.209684	0.549852	-1.81867	0.335741	0.638231	-1.56683	0.286106	0.60583	-1.65063	0.171199	0.517315	-1.93306	0.0139564	0.253182	-3.94972	0.259425	0.58729	-1.70274	2.32832	7.54682	2.88117	1
cg12194517	TRAPPC9;TRAPPC9	0.124066	0.969966	1.00715	1.00715	0.676843	0.92379	-1.0825	0.0109892	0.546918	-1.82843	0.409019	1.17316	1.17316	0.0840686	1.43549	1.43549	0.511084	0.88156	-1.13435	0.168518	1.31984	1.31984	0.707432	1.07391	1.07391	0.617107	0.909072	-1.10002	2.32831	1.31901	0.503563	1
cg06308109	SNORD32B	0.124068	0.956238	0.959353	-1.04237	0.198097	0.357517	-2.79707	0.134303	0.294956	-3.39033	0.362325	0.492626	-2.02994	0.011738	0.0925121	-10.8094	0.896991	0.906701	-1.1029	0.0327229	0.151167	-6.61519	0.0670157	0.211733	-4.72292	0.277453	0.425674	-2.34921	2.3283	21.085	8.04975	1
cg20066677	CHFR;CHFR;CHFR;CHFR;CHFR	0.124071	0.894008	1.04614	1.04614	0.630108	1.17844	1.17844	0.171614	1.63634	1.63634	0.70443	1.13765	1.13765	0.0054846	0.290645	-3.44063	0.787864	0.912777	-1.09556	0.454302	0.772664	-1.29422	0.520738	1.24642	1.24642	0.294447	0.692152	-1.44477	2.32827	4.22218	1.61195	1
cg05972185	ZFHX3;ZFHX3	0.124071	0.648813	0.743554	-1.34489	0.435179	1.67289	1.67289	0.584854	1.42836	1.42836	0.11177	0.326516	-3.06264	0.0172866	0.153506	-6.51441	0.0830018	0.289248	-3.45724	0.174435	0.393133	-2.54367	0.623066	0.726031	-1.37735	0.0633606	0.259409	-3.85492	2.32827	15.401	5.87983	1
cg03440673	HEG1	0.124075	0.076643	0.373916	-2.6744	0.33162	0.606312	-1.64931	0.413646	0.658709	-1.51812	0.497208	0.708712	-1.41101	0.0215052	0.251708	-3.97285	0.098879	0.404995	-2.46916	0.058378	0.343551	-2.91078	0.203053	1.95662	1.95662	0.375846	0.635086	-1.57459	2.32824	9.20126	3.51291	1
cg01077185	ZNF862	0.124077	0.375494	0.751501	-1.33067	0.0982582	1.76753	1.76753	0.58717	1.1879	1.1879	0.17138	0.632929	-1.57996	0.260466	0.691664	-1.44579	0.705623	1.12659	1.12659	0.0358381	2.15331	2.15331	0.345809	1.35657	1.35657	0.122494	0.591164	-1.69158	2.32822	3.63778	1.38886	1
cg02702107	CMAS	0.124078	0.966022	0.991456	-1.00862	0.0149411	0.547231	-1.82738	0.422598	0.847884	-1.17941	0.77088	0.94287	-1.06059	0.146884	1.36838	1.36838	0.047655	1.57816	1.57816	0.671496	0.917654	-1.08974	0.854936	1.03756	1.03756	0.631853	1.10213	1.10213	2.32821	1.4964	0.571312	1
cg09386620	DIRC3	0.124079	0.100417	0.683477	-1.46311	0.546281	0.878874	-1.13782	0.0172732	0.541572	-1.84648	0.0583225	0.6361	-1.57208	0.157361	0.726336	-1.37677	0.354833	0.817687	-1.22296	0.236876	1.2996	1.2996	0.850388	1.04074	1.04074	0.220584	0.761605	-1.31302	2.3282	1.64877	0.629488	1
cg24559666	WDR60	0.12408	0.4105	0.846521	-1.18131	0.136782	0.728096	-1.37344	0.168317	0.747783	-1.33729	0.0872434	0.688105	-1.45327	0.391634	0.8405	-1.18977	0.796752	0.950187	-1.05242	0.0205286	1.73763	1.73763	0.548691	1.12765	1.12765	0.377086	0.835742	-1.19654	2.3282	1.4452	0.551768	1
cg19276371	DCTN1;DCTN1;DCTN1;DCTN1	0.124081	0.719434	1.06644	1.06644	0.0242181	0.619321	-1.61467	0.0548535	0.6782	-1.47449	0.341901	1.19081	1.19081	0.823663	0.960982	-1.0406	0.6522	1.08427	1.08427	0.0878613	1.39924	1.39924	0.963791	0.991937	-1.00813	0.286612	0.820923	-1.21814	2.32819	1.17258	0.447686	1
cg25940946	DERL3;DERL3;DERL3	0.124082	0.649719	0.671824	-1.48849	0.00889101	0.0552294	-18.1063	0.029137	0.106812	-9.36225	0.508865	1.79141	1.79141	0.537082	0.580582	-1.72241	0.470117	1.89506	1.89506	0.355223	0.437201	-2.28728	0.400834	0.473255	-2.11303	0.684366	0.700785	-1.42697	2.32818	27.9067	10.6547	1
cg22169791	MIR548H4;NOX5	0.124084	0.110824	0.438333	-2.28137	0.25984	0.572348	-1.74719	0.0244276	0.279995	-3.57149	0.0961319	0.420017	-2.38085	0.0178241	0.254767	-3.92516	0.441751	0.689088	-1.45119	0.654541	1.2384	1.2384	0.574595	0.763962	-1.30897	0.150657	0.481285	-2.07777	2.32816	8.31046	3.17293	1
cg06358300	TLE1	0.124085	0.443489	1.48482	1.48482	0.483411	0.697424	-1.43385	0.664351	0.801806	-1.24718	0.138692	2.23993	2.23993	0.139718	2.23455	2.23455	0.247335	0.542276	-1.84408	0.269434	0.558846	-1.7894	0.33125	1.66064	1.66064	0.016314	4.41841	4.41841	2.32815	9.43889	3.60377	1
cg07210462	RRAGC	0.124089	0.501513	1.12426	1.12426	0.0474456	1.47601	1.47601	0.843591	1.0345	1.0345	0.203128	1.25944	1.25944	0.14183	1.31153	1.31153	0.133263	1.3206	1.3206	0.0420324	0.668805	-1.4952	0.527294	1.11625	1.11625	0.14837	1.30498	1.30498	2.32812	1.087	0.415021	1
cg19534149	NOVA1;NOVA1	0.124089	0.0343565	0.139595	-7.16361	0.873042	1.13607	1.13607	0.569567	1.5817	1.5817	0.201789	0.341211	-2.93074	0.0274757	0.124895	-8.0067	0.367544	0.47788	-2.09258	0.0407575	0.151944	-6.58139	0.577593	0.638394	-1.56643	0.115333	0.255201	-3.91848	2.32812	23.4649	8.95903	1
cg27141427	KIAA0247	0.124091	0.703524	0.889781	-1.12387	0.527742	0.822505	-1.2158	0.00837095	2.79805	2.79805	0.129374	0.606247	-1.64949	0.6271	1.16128	1.16128	0.130759	1.64605	1.64605	0.778866	0.917615	-1.08978	0.369828	1.32483	1.32483	0.793345	1.08349	1.08349	2.3281	3.43945	1.31321	1
cg17792192	CAMSAP1	0.124094	0.0842981	7.26096	7.26096	0.138078	5.24687	5.24687	0.611238	1.70259	1.70259	0.0682485	8.32665	8.32665	0.593896	1.74838	1.74838	0.319541	2.90912	2.90912	0.674076	1.55132	1.55132	0.00832656	33.1457	33.1457	0.0645412	8.63273	8.63273	2.32808	39.7354	15.1715	1
cg04247720	ERGIC1;ERGIC1	0.124094	0.227933	1.16094	1.16094	0.523252	0.926552	-1.07927	0.50116	1.08384	1.08384	0.267499	1.14592	1.14592	0.628933	0.944201	-1.0591	0.405	0.904416	-1.10569	0.745095	0.962263	-1.03922	0.00522969	1.54404	1.54404	0.681685	0.952533	-1.04983	2.32808	0.512672	0.195745	1
cg22240472	ABCC8	0.124097	0.162999	0.778689	-1.28421	0.158627	1.28805	1.28805	0.090735	1.36758	1.36758	0.931177	0.985595	-1.01462	0.0949718	0.734751	-1.36101	0.126839	1.31968	1.31968	0.116054	0.750576	-1.33231	0.439105	1.14175	1.14175	0.670986	1.07442	1.07442	2.32805	1.04043	0.397252	1
cg16569347	ZBTB4;ZBTB4	0.1241	0.877067	1.05092	1.05092	0.0442381	2.09914	2.09914	0.0200134	2.46114	2.46114	0.535842	1.22282	1.22282	0.413973	0.764943	-1.30729	0.609219	0.847533	-1.1799	0.0587328	1.98388	1.98388	0.537253	0.818363	-1.22195	0.818013	0.928715	-1.07676	2.32802	3.79581	1.44932	1
cg23031969	RNF216L;RNF216L;RNF216L	0.1241	0.0440804	0.735923	-1.35884	0.379567	1.12691	1.12691	0.322317	1.14513	1.14513	0.530405	1.08789	1.08789	0.94853	1.00859	1.00859	0.508094	0.91485	-1.09308	0.0358957	0.723575	-1.38203	0.121832	0.800681	-1.24894	0.246496	1.17426	1.17426	2.32802	0.647804	0.247345	1
cg25219728	PARM1	0.124108	0.0486436	0.175652	-5.69309	0.310561	0.44473	-2.24856	0.742629	1.28978	1.28978	0.747964	0.7796	-1.28271	0.00812375	0.073024	-13.6941	0.121615	0.273623	-3.65466	0.829008	0.846171	-1.18179	0.331425	0.46122	-2.16816	0.105145	0.254767	-3.92515	2.32796	21.9889	8.39607	1
cg13225427	GSTZ1;GSTZ1;GSTZ1	0.124109	0.0229228	0.15667	-6.38285	0.797881	0.839628	-1.191	0.493093	1.6066	1.6066	0.271088	2.18242	2.18242	0.0365298	0.191053	-5.23416	0.125093	0.322777	-3.09812	0.972657	1.02362	1.02362	0.631606	1.38964	1.38964	0.240933	0.433363	-2.30753	2.32795	17.1054	6.53141	1
cg17248495	LMNB1	0.124115	0.297554	0.849883	-1.17663	0.160847	0.798038	-1.25307	0.0872757	1.32892	1.32892	0.11139	0.770136	-1.29847	0.0232049	0.664489	-1.50491	0.784973	1.04205	1.04205	0.321217	0.856959	-1.16692	0.4193	0.88312	-1.13235	0.467717	1.11773	1.11773	2.3279	0.836432	0.319384	1
cg23953233	ZNF740;CSAD;ZNF740	0.124117	0.520625	0.77938	-1.28307	0.387468	0.712422	-1.40366	0.971699	1.01367	1.01367	0.381743	1.40974	1.40974	0.0100726	0.288489	-3.46634	0.117192	1.91829	1.91829	0.47341	1.32197	1.32197	0.22662	1.62574	1.62574	0.721702	0.872052	-1.14672	2.32788	5.40238	2.06287	1
cg18312587	AK3L1;AK3L1;AK3L1	0.124119	0.0761159	1.72797	1.72797	0.130053	1.57331	1.57331	0.143751	1.54545	1.54545	0.0895331	1.67997	1.67997	0.341746	1.31191	1.31191	0.35632	1.30073	1.30073	0.107027	0.614105	-1.62839	0.0754709	1.73052	1.73052	0.116588	1.60405	1.60405	2.32786	2.83156	1.08122	1
cg21279316	ZNF609	0.124119	0.391914	0.676196	-1.47886	0.775375	1.13612	1.13612	0.623217	0.801805	-1.24719	0.470906	0.720956	-1.38705	0.00766767	0.216821	-4.61209	0.418901	0.691815	-1.44547	0.217367	1.78412	1.78412	0.261576	1.68581	1.68581	0.183031	0.532463	-1.87806	2.32786	7.33619	2.80131	1
cg03521085	CTBP1;CTBP1	0.124124	0.132209	0.733206	-1.36387	0.208021	0.776039	-1.28859	0.152442	0.746198	-1.34013	0.609178	1.1035	1.1035	0.925889	0.982386	-1.01793	0.52823	0.885101	-1.12981	0.0108906	1.84147	1.84147	0.76351	0.943994	-1.05933	0.759045	1.06053	1.06053	2.32782	1.34503	0.513608	1
cg06583077	HDAC4	0.124125	0.230313	1.18954	1.18954	0.49525	1.10022	1.10022	0.448747	1.11234	1.11234	0.358119	0.877803	-1.13921	0.947549	0.990967	-1.00911	0.1292	1.25372	1.25372	0.00547707	1.65494	1.65494	0.900518	1.0174	1.0174	0.514881	0.912943	-1.09536	2.32781	0.701277	0.267787	1
cg26211800	FAM50B	0.124126	0.876725	1.08915	1.08915	0.0323775	3.96781	3.96781	0.0232533	4.44676	4.44676	0.408899	0.628343	-1.59149	0.197079	0.472265	-2.11746	0.768026	0.849828	-1.17671	0.306935	1.78938	1.78938	0.979819	0.986181	-1.01401	0.388325	0.614837	-1.62645	2.32781	11.158	4.26075	1
cg25187648	GPX1;GPX1;GPX1	0.124131	0.0167051	0.660548	-1.51389	0.173974	0.814404	-1.22789	0.216741	0.831528	-1.20261	0.307513	0.860762	-1.16176	0.0134468	0.647663	-1.54401	0.442569	0.894822	-1.11754	0.339455	0.869576	-1.14999	0.565722	0.920892	-1.0859	0.0687664	0.748917	-1.33526	2.32776	0.742765	0.283635	1
cg01354923	PTEN;KILLIN;KILLIN	0.124131	0.0326115	0.652212	-1.53324	0.249372	0.814034	-1.22845	0.648592	0.924582	-1.08157	0.0428139	0.67136	-1.48951	0.357562	0.850694	-1.17551	0.0890822	0.725811	-1.37777	0.704964	1.06717	1.06717	0.892124	0.977077	-1.02346	0.121176	1.3327	1.3327	2.32776	1.07681	0.411198	1
cg06565913	IFT140;TMEM204	0.124132	0.504077	0.834424	-1.19843	0.348873	0.772991	-1.29368	0.0162619	0.456301	-2.19154	0.063886	0.573446	-1.74384	0.0498693	0.550359	-1.817	0.0260474	0.494023	-2.0242	0.669773	0.891778	-1.12136	0.465457	0.820102	-1.21936	0.27464	0.738245	-1.35456	2.32776	2.62807	1.00357	1
cg21879320	C1orf25;C1orf26;C1orf26	0.124132	0.202041	0.837534	-1.19398	0.383024	0.888928	-1.12495	0.391595	1.12247	1.12247	0.993759	1.00103	1.00103	0.0505759	0.745846	-1.34076	0.105616	0.792412	-1.26197	0.0187043	0.687239	-1.4551	0.353916	1.13375	1.13375	0.892625	1.01793	1.01793	2.32775	0.638635	0.243873	1
cg09311690	INPP5A	0.124133	0.816781	0.949699	-1.05297	0.440613	0.839551	-1.19111	0.283767	0.780636	-1.28101	0.0772039	1.54794	1.54794	0.0932199	0.66322	-1.50779	0.0317173	1.75063	1.75063	0.174679	1.37858	1.37858	0.603404	1.12362	1.12362	0.762552	0.934834	-1.06971	2.32775	1.8232	0.696219	1
cg06967304	PLA2G6;PLA2G6	0.124133	0.0299524	0.400339	-2.49788	0.0828233	0.50231	-1.9908	0.0303042	0.401386	-2.49137	0.0828904	0.502401	-1.99044	0.0542573	0.45703	-2.18804	0.111303	0.536985	-1.86225	0.50018	0.782454	-1.27803	0.925959	0.96723	-1.03388	0.498089	0.781489	-1.27961	2.32775	4.73724	1.809	1
cg01027498	WDR41;WDR41	0.124133	0.77257	1.08943	1.08943	0.245655	0.698435	-1.43177	0.795776	1.07968	1.07968	0.200047	0.670238	-1.49201	0.0719545	0.552263	-1.81073	0.0246851	0.453561	-2.20478	0.610956	1.16374	1.16374	0.0774503	1.7863	1.7863	0.802487	0.928597	-1.07689	2.32775	3.22092	1.22996	1
cg01285706	BMP3	0.124133	0.0674471	6.69728	6.69728	0.0309493	10.4983	10.4983	0.164524	3.96061	3.96061	0.287364	2.78784	2.78784	0.0780896	6.15257	6.15257	0.149654	4.19411	4.19411	0.78491	1.28905	1.28905	0.0310825	10.4722	10.4722	0.0602231	7.15007	7.15007	2.32774	31.7558	12.1265	1
cg22870386	AKT1;AKT1;AKT1	0.124135	0.465634	0.735624	-1.35939	0.990838	0.995263	-1.00476	0.517367	1.31183	1.31183	0.120297	0.498165	-2.00737	0.0321932	0.354371	-2.8219	0.472886	1.35242	1.35242	0.0127388	0.278072	-3.59619	0.937211	1.03312	1.03312	0.816676	0.908442	-1.10079	2.32773	6.30384	2.40724	1
cg11816566	SH2D5;SH2D5	0.124135	0.229214	1.80812	1.80812	0.203219	1.87853	1.87853	0.0668975	0.381279	-2.62275	0.371409	1.53851	1.53851	0.812952	1.11769	1.11769	0.275057	0.586808	-1.70413	0.0219559	0.275223	-3.63342	0.94592	1.03236	1.03236	0.365772	0.646493	-1.54681	2.32773	8.12334	3.10206	1
cg00446900	PTPRE	0.124136	0.855108	0.934403	-1.0702	0.530227	1.26618	1.26618	0.825914	0.921492	-1.0852	0.674526	1.16973	1.16973	0.0656257	0.464466	-2.15301	0.940897	1.0279	1.0279	0.489398	1.29777	1.29777	0.0061488	3.76873	3.76873	0.7749	1.11229	1.11229	2.32772	5.07899	1.93952	1
cg02236134	AFTPH;AFTPH;AFTPH	0.124138	0.609406	0.95306	-1.04925	0.729674	1.03289	1.03289	0.938109	1.00727	1.00727	0.723573	0.967411	-1.03369	0.00441064	1.4256	1.4256	0.863471	0.98407	-1.01619	0.29146	0.902913	-1.10753	0.29872	0.904391	-1.10572	0.474356	1.07024	1.07024	2.3277	0.320904	0.122545	1
cg17363305	UBE2G2;UBE2G2	0.124138	0.509817	0.797153	-1.25446	0.211185	0.639756	-1.56309	0.229056	1.53418	1.53418	0.0260107	0.408258	-2.44943	0.795357	0.91564	-1.09213	0.0438631	0.455922	-2.19336	0.27641	1.46797	1.46797	0.485464	0.786361	-1.27168	0.356482	1.37931	1.37931	2.3277	4.2386	1.61861	1
cg15673896	ADORA3;ADORA3;ADORA3;ADORA3;ADORA3	0.124139	0.851092	0.953917	-1.04831	0.0877936	1.60485	1.60485	0.997928	1.00065	1.00065	0.101349	0.637409	-1.56885	0.00860258	0.431184	-2.31919	0.776272	1.07415	1.07415	0.477684	0.834242	-1.19869	0.741459	0.920244	-1.08667	0.894208	0.96715	-1.03397	2.32769	2.32337	0.887239	1
cg23100152	AMPD3	0.124139	0.0501304	30.2156	30.2156	0.111423	14.0977	14.0977	0.505062	0.35624	-2.8071	0.874601	1.27254	1.27254	0.898139	0.822469	-1.21585	0.620605	2.14139	2.14139	0.22629	0.143867	-6.95084	0.238578	6.57789	6.57789	0.0178085	81.154	81.154	2.32769	85.8536	32.7854	1
cg21156320	BLOC1S1;RDH5	0.124141	0.100429	0.373113	-2.68015	0.0798176	2.9006	2.9006	0.158911	2.28154	2.28154	0.973422	0.981915	-1.01842	0.0276144	0.240068	-4.16548	0.561503	0.724985	-1.37934	0.268501	0.531867	-1.88017	0.812813	1.13877	1.13877	0.49735	0.685601	-1.45857	2.32768	11.0634	4.22487	1
cg24188163	IDO1	0.124142	0.0288865	0.270162	-3.70148	0.195108	0.498519	-2.00594	0.0475927	0.316351	-3.16104	0.221783	0.520835	-1.91999	0.0590509	0.338631	-2.95307	0.344538	0.609834	-1.63979	0.024411	0.256075	-3.90511	0.38369	0.635249	-1.57419	0.112538	0.415802	-2.40499	2.32767	9.51232	3.63256	1
cg05499853	FAM188A;FAM188A	0.124144	0.903729	1.06353	1.06353	0.0230006	0.250552	-3.99119	0.700595	1.21733	1.21733	0.117228	0.420582	-2.37766	0.4085	1.53773	1.53773	?	?	?	0.200405	1.99056	1.99056	0.988894	1.00711	1.00711	0.117239	2.37758	2.37758	2.3497	8.57017	3.64735	1
cg16805171	SCAND2;SCAND2	0.124145	0.054813	0.382488	-2.61446	0.0216913	3.41304	3.41304	0.968286	1.01735	1.01735	0.809091	1.11042	1.11042	?	?	?	?	?	?	0.24887	0.591566	-1.69043	0.894005	0.943957	-1.05937	0.977924	1.01204	1.01204	2.50735	5.65877	2.25687	1
cg22042328	ZRSR2	0.124146	0.113129	0.545363	-1.83364	0.00981555	3.15142	3.15142	0.949889	1.02235	1.02235	0.729301	1.12993	1.12993	0.22487	0.638738	-1.56559	0.656242	1.17061	1.17061	0.721037	0.881546	-1.13437	0.157223	1.70217	1.70217	0.988333	0.994872	-1.00515	2.32763	4.55819	1.74071	1
cg05684907	HDAC9;HDAC9;HDAC9;HDAC9;HDAC9	0.124156	0.0577392	0.235	-4.25531	0.741158	0.799534	-1.25073	0.217435	0.416538	-2.40074	0.967937	0.973236	-1.0275	0.00559242	0.0858038	-11.6545	0.141481	0.344003	-2.90695	0.350931	0.523114	-1.91163	0.684621	0.759114	-1.31733	0.14591	0.34866	-2.86812	2.32755	16.7919	6.41282	1
cg26622502	EIF1AD;BANF1;BANF1;BANF1;BANF1	0.124156	0.315743	0.793815	-1.25974	0.342553	0.804385	-1.24319	0.441145	0.839584	-1.19107	0.0308569	0.568734	-1.75829	0.276232	1.28674	1.28674	0.50369	1.16306	1.16306	0.246294	1.30983	1.30983	0.341933	1.24356	1.24356	0.0601206	1.60326	1.60326	2.32755	1.82663	0.697589	1
cg19791277	KHDRBS3;KHDRBS3	0.12416	0.0398808	1.35265	1.35265	0.0852567	1.27372	1.27372	0.575256	0.930543	-1.07464	0.3022	0.87292	-1.14558	0.0259104	1.39971	1.39971	0.174269	1.20175	1.20175	0.218286	1.179	1.179	0.735717	1.04402	1.04402	0.999829	0.999973	-1.00003	2.32752	0.596051	0.227634	1
cg24432048	LOC100133612	0.124161	0.00565904	7.15456	7.15456	0.444004	1.52649	1.52649	0.143454	2.3446	2.3446	0.915334	0.94399	-1.05933	0.339272	0.58634	-1.7055	0.28804	0.549993	-1.8182	0.854835	1.10436	1.10436	0.540356	1.39929	1.39929	0.991852	0.994481	-1.00555	2.32751	10.8293	4.13578	1
cg19903298	KIAA0495	0.124162	0.392765	0.710536	-1.40739	0.645718	0.834697	-1.19804	0.938509	0.970333	-1.03057	0.184354	0.577164	-1.73261	0.00257841	0.195764	-5.10819	0.510742	0.770747	-1.29744	0.979118	0.989836	-1.01027	0.83581	0.922186	-1.08438	0.261757	0.633307	-1.57901	2.3275	5.6165	2.14498	1
cg24644201	CREB3L1	0.124166	0.0320593	0.540332	-1.85071	0.079924	1.61007	1.61007	0.611075	0.881872	-1.13395	0.383295	0.803211	-1.245	0.106445	0.649143	-1.54049	0.0652557	0.60213	-1.66077	0.43738	0.823505	-1.21432	0.65645	1.11598	1.11598	0.678345	1.10763	1.10763	2.32747	2.21469	0.845819	1
cg16090192	GFM2;NSA2;GFM2;GFM2	0.124166	0.660855	0.960764	-1.04084	0.0120737	0.752958	-1.3281	0.611104	0.954572	-1.04759	0.20287	0.885258	-1.12961	0.371313	1.08679	1.08679	0.541586	1.05762	1.05762	0.0298157	0.793114	-1.26085	0.600453	0.953218	-1.04908	0.766464	1.02737	1.02737	2.32746	0.302984	0.115714	1
cg13537544	DMRT1	0.12417	0.999339	0.999777	-1.00022	0.00409644	2.81566	2.81566	0.906244	0.96883	-1.03217	0.321184	1.31715	1.31715	0.372084	0.781688	-1.27928	0.393192	0.790508	-1.26501	0.547837	0.849205	-1.17757	0.56761	1.16798	1.16798	0.786555	1.07568	1.07568	2.32743	2.66268	1.01693	1
cg02097588	NOL10	0.124172	0.68197	1.12928	1.12928	0.255066	1.41996	1.41996	0.937459	0.97711	-1.02343	0.247377	0.699858	-1.42886	0.432256	0.78939	-1.2668	0.484479	0.810879	-1.23323	0.00440207	0.325673	-3.07056	0.752176	0.910761	-1.09798	0.621351	1.15825	1.15825	2.32741	3.20945	1.22576	1
cg10043718	KIAA0284;KIAA0284	0.124172	0.336638	0.855272	-1.16922	0.101474	0.751528	-1.33062	0.378381	0.867175	-1.15317	0.461733	0.88869	-1.12525	0.162834	0.789485	-1.26665	0.0636686	0.716377	-1.39591	0.0403163	1.46322	1.46322	0.155348	0.785576	-1.27295	0.184003	0.799799	-1.25031	2.46049	0.941177	0.297512	1
cg19344322	FLJ23834	0.124174	0.0479611	0.193595	-5.16542	0.929347	0.937625	-1.06652	0.671303	0.733445	-1.36343	0.0658238	0.223329	-4.4777	0.0441138	0.186431	-5.36391	0.210568	0.383614	-2.60679	0.0172206	0.121516	-8.22938	0.217303	0.389582	-2.56685	0.188297	0.363337	-2.75226	2.3274	19.4418	7.42527	1
cg22189286	HSPB8	0.124177	0.874942	1.05933	1.05933	0.00305816	4.41275	4.41275	0.504889	1.28098	1.28098	0.740265	0.88537	-1.12947	0.689169	1.15852	1.15852	0.204798	1.63174	1.63174	0.941405	1.02727	1.02727	0.746282	0.887979	-1.12615	0.59556	0.821968	-1.21659	2.32737	4.93679	1.8855	1
cg01893571	FAM82A1	0.124181	0.130045	0.711807	-1.40488	0.0186138	0.546449	-1.83	0.0646593	0.647832	-1.54361	0.212266	1.31265	1.31265	0.614356	0.90078	-1.11015	0.373953	1.20709	1.20709	0.573305	1.12421	1.12421	0.623514	0.903256	-1.10711	0.650862	1.09821	1.09821	2.46041	1.60955	0.508807	1
cg06627334	PCDH12	0.124182	0.464114	0.7753	-1.28982	0.571102	1.21594	1.21594	0.506617	0.794417	-1.25879	0.121863	1.77314	1.77314	0.0145348	0.357642	-2.79609	0.119169	0.56123	-1.7818	0.816435	0.92365	-1.08266	0.239576	1.52292	1.52292	0.555626	1.22581	1.22581	2.32733	4.30015	1.64238	1
cg22368305	FAM149A;FAM149A	0.124182	0.865095	1.04943	1.04943	0.0511237	0.53246	-1.87808	0.297269	0.735945	-1.3588	0.825106	0.939135	-1.06481	0.0145847	2.3479	2.3479	0.201651	1.46605	1.46605	0.488534	1.22098	1.22098	0.836932	0.943202	-1.06022	0.546383	1.1891	1.1891	2.32733	2.96738	1.13335	1
cg05155893	LATS2	0.124183	0.614737	0.699786	-1.42901	0.915846	0.928348	-1.07718	0.49932	0.617316	-1.61992	0.933031	1.0609	1.0609	0.0153155	0.123199	-8.11698	0.0726123	0.244406	-4.09155	0.0158598	0.125146	-7.99067	0.454642	0.585254	-1.70866	0.200748	0.386533	-2.5871	2.32732	18.2371	6.96542	1
cg14132916	COPS8;COPS8	0.124186	0.38869	0.79783	-1.2534	0.651607	1.12323	1.12323	0.549313	0.856501	-1.16754	0.445305	0.819613	-1.22009	0.724944	1.09452	1.09452	0.570246	0.863571	-1.15798	0.00945461	0.431348	-2.31832	0.540526	1.17164	1.17164	0.0249994	0.505691	-1.97749	2.32729	2.40927	0.920199	1
cg03947478	DHX38	0.124188	0.751121	0.770884	-1.29721	0.416649	0.507182	-1.97168	0.603871	0.65177	-1.53428	0.593637	1.5534	1.5534	0.0116852	0.0760149	-13.1553	0.328219	0.438097	-2.2826	0.0144528	0.0850199	-11.762	0.920971	0.92205	-1.08454	0.250553	0.374604	-2.66949	2.32728	24.6515	9.41548	1
cg21279015	IQCH;IQCH;AAGAB	0.12419	0.71871	0.920356	-1.08654	0.890521	0.968893	-1.03211	0.859602	0.960189	-1.04146	0.0218356	0.531817	-1.88035	0.071826	0.630548	-1.58592	0.15504	1.41791	1.41791	0.0795053	0.639793	-1.56301	0.7855	1.0646	1.0646	0.349805	1.24712	1.24712	2.32726	1.94064	0.741219	1
cg26054232	TPCN2	0.124192	0.672394	1.07474	1.07474	0.212909	0.800675	-1.24895	0.294754	1.20219	1.20219	0.0137764	0.596925	-1.67525	0.253663	0.817085	-1.22386	0.307036	1.19625	1.19625	0.378942	1.16528	1.16528	0.168155	0.779667	-1.2826	0.567633	1.10285	1.10285	2.32724	1.05845	0.404275	1
cg26561207	STK10;STK10	0.124192	0.389266	0.839015	-1.19187	0.124277	0.718126	-1.39251	0.382961	0.83695	-1.19481	0.427268	0.851076	-1.17498	0.14643	1.36359	1.36359	0.674727	1.0876	1.0876	0.00713217	0.500903	-1.99639	0.733234	0.934205	-1.07043	0.520054	0.878338	-1.13851	2.32724	1.45878	0.55718	1
cg00474696	MRPL44	0.124192	0.928521	1.01602	1.01602	0.0427076	0.661533	-1.51164	0.0244254	0.621933	-1.60789	0.766115	1.05425	1.05425	0.233686	0.801607	-1.24749	0.387497	0.854807	-1.16985	0.023014	0.617828	-1.61857	0.268241	0.815264	-1.2266	0.187215	0.780687	-1.28092	2.32724	1.15621	0.441612	1
cg19000612	ATP8A2	0.124194	0.33124	0.664643	-1.50457	0.123405	0.506598	-1.97395	0.0146142	0.293677	-3.4051	0.412337	1.40713	1.40713	0.786073	0.895066	-1.11724	0.68879	0.848699	-1.17827	0.481974	0.747353	-1.33806	0.411264	1.40828	1.40828	0.0335603	0.363588	-2.75037	2.32723	6.12018	2.33762	1
cg09238746	EIF4A3	0.124196	0.839233	0.931703	-1.0733	0.392045	0.736846	-1.35714	0.642194	0.849632	-1.17698	0.346442	0.713445	-1.40165	0.673755	1.15889	1.15889	0.00319144	0.246073	-4.06383	0.376598	1.3716	1.3716	0.428509	0.754661	-1.3251	0.667541	0.860292	-1.1624	2.32721	4.47006	1.70736	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13773148	BRD3	0.124198	0.918395	1.03655	1.03655	0.0324399	0.415966	-2.40404	0.251087	0.657005	-1.52206	0.441447	1.31648	1.31648	0.189352	0.614448	-1.62748	0.124032	0.557964	-1.79223	0.0243232	0.390535	-2.56059	0.426751	0.752566	-1.32879	0.384632	1.3665	1.3665	2.32719	4.52275	1.7275	1
cg04517374	CABLES2	0.124199	0.0637645	1.37553	1.37553	0.0444112	1.42364	1.42364	0.356069	1.15631	1.15631	0.768318	0.955812	-1.04623	0.190777	1.23609	1.23609	0.615552	0.92546	-1.08054	0.272864	1.19077	1.19077	0.013375	1.59798	1.59798	0.909392	1.01757	1.01757	2.32718	0.862748	0.329534	1
cg07323979	SNX29	0.124203	0.0539801	0.565153	-1.76943	0.583009	0.865335	-1.15562	0.455479	0.820125	-1.21933	0.696127	0.902677	-1.10782	0.0736677	0.594411	-1.68234	0.500309	0.836545	-1.19539	0.0493288	1.79545	1.79545	0.327518	0.768224	-1.3017	0.0606859	0.575982	-1.73616	2.32715	2.50828	0.958072	1
cg08474953	AUTS2;AUTS2	0.124203	0.117798	0.741308	-1.34897	0.239568	0.804898	-1.24239	0.546356	0.897998	-1.11359	0.537185	0.895728	-1.11641	0.646386	1.08482	1.08482	0.098112	1.37679	1.37679	0.0192287	1.6473	1.6473	0.827146	0.962192	-1.03929	0.338744	0.840477	-1.1898	2.32715	1.14474	0.43725	1
cg22988483	ITPK1;ITPK1;ITPK1	0.124206	0.685253	0.920961	-1.08582	0.204851	1.31039	1.31039	0.0555951	1.5501	1.5501	0.283956	1.25223	1.25223	0.618441	1.10679	1.10679	0.319594	1.23101	1.23101	0.0588622	0.64976	-1.53903	0.0705627	0.664745	-1.50434	0.994594	0.998632	-1.00137	2.32713	1.50489	0.574819	1
cg10244047	BAI3	0.124208	0.927084	0.982511	-1.0178	0.076562	1.46189	1.46189	0.00523746	2.03387	2.03387	0.632141	0.91122	-1.09743	0.766091	1.05919	1.05919	0.251758	1.2596	1.2596	0.739289	0.937649	-1.0665	0.672521	0.921315	-1.08541	0.43429	1.16624	1.16624	2.32711	1.36947	0.5231	1
cg12525219	CTBP1;CTBP1	0.124208	0.480309	1.82046	1.82046	0.0104067	14.7885	14.7885	0.0132628	12.9715	12.9715	0.945727	0.94474	-1.05849	0.806765	1.22707	1.22707	0.916889	1.09107	1.09107	0.931154	0.930391	-1.07482	0.597693	1.55999	1.55999	0.773494	0.785875	-1.27247	2.32711	25.6971	9.81557	1
cg26823144	WDR64	0.124209	0.411523	1.3482	1.3482	0.383251	0.727507	-1.37456	0.031431	0.407402	-2.45458	0.0425584	0.435676	-2.29528	0.0527399	0.45682	-2.18905	0.0789842	0.499574	-2.0017	0.179844	0.602397	-1.66004	0.952022	1.02164	1.02164	0.766975	0.899663	-1.11153	2.3271	4.66594	1.78226	1
cg07736716	CA1;CA1;CA1;CA1	0.12421	0.173244	1.56	1.56	0.055763	1.94463	1.94463	0.08074	1.81179	1.81179	0.980988	1.00734	1.00734	0.21244	1.49631	1.49631	0.0842192	1.79716	1.79716	0.545118	1.20674	1.20674	0.012844	2.58094	2.58094	0.747535	0.905646	-1.10418	2.32709	3.47054	1.32566	1
cg02414586	S1PR2	0.124211	0.158669	0.810765	-1.2334	0.177914	0.819286	-1.22057	0.413045	0.890017	-1.12357	0.927561	1.01274	1.01274	0.922178	1.0137	1.0137	0.0996599	1.28562	1.28562	0.0169239	1.50022	1.50022	0.354523	0.875801	-1.14181	0.87281	1.02256	1.02256	2.32708	0.714449	0.272902	1
cg27212541	DAG1;DAG1	0.124212	0.280356	0.808164	-1.23737	0.581619	0.899755	-1.11141	0.392258	0.846742	-1.181	0.396194	0.847966	-1.17929	0.201331	1.29191	1.29191	0.582699	0.900033	-1.11107	0.0128439	1.79763	1.79763	0.94036	0.985898	-1.0143	0.102327	1.40402	1.40402	2.32707	1.32777	0.507179	1
cg07578313	TNP2	0.124212	0.729247	1.15567	1.15567	0.655917	0.829666	-1.2053	0.00671912	0.231403	-4.32147	0.830932	1.09311	1.09311	0.239794	0.598977	-1.66951	0.459504	1.36833	1.36833	0.182403	1.80264	1.80264	0.413053	0.705778	-1.41688	0.274128	0.622607	-1.60615	2.32707	6.39019	2.44091	1
cg18558968	UST	0.124214	0.559955	1.13747	1.13747	0.0313627	0.557886	-1.79248	0.0513647	0.60245	-1.65989	?	?	?	?	?	?	?	?	?	0.560446	0.879291	-1.13728	0.346963	1.23741	1.23741	0.866986	1.03717	1.03717	2.72161	1.29643	0.476346	1
cg11970679	DNAH11	0.124219	0.0333397	0.101987	-9.80515	0.063943	0.147876	-6.76242	0.215655	0.30233	-3.30765	0.552404	0.575933	-1.73631	0.0221635	0.0806579	-12.398	0.0740855	0.160868	-6.21626	0.0628487	0.146426	-6.82941	0.521177	0.55051	-1.8165	0.194835	0.283992	-3.52122	2.32701	31.055	11.8626	1
cg04152767	E4F1	0.124221	0.437114	0.877624	-1.13944	0.127578	1.31168	1.31168	0.47169	1.12813	1.12813	0.714064	1.06247	1.06247	0.690983	0.93632	-1.06801	0.203338	0.801624	-1.24747	0.0430025	1.46737	1.46737	0.0423154	1.46979	1.46979	0.0962253	1.35093	1.35093	2.32699	0.999391	0.381758	1
cg19862235	HAO1	0.124221	0.120737	0.267465	-3.73881	0.0456451	0.165978	-6.0249	0.0795088	0.217555	-4.59653	0.446251	1.83755	1.83755	0.312972	0.441362	-2.26572	0.120247	0.266921	-3.74642	0.026546	0.127392	-7.84981	0.174862	0.32276	-3.09828	0.873734	1.13273	1.13273	2.32699	22.6339	8.64593	1
cg18949666	SH3RF1	0.124222	0.0950353	0.558207	-1.79145	0.791019	0.919057	-1.08807	0.444997	0.780782	-1.28077	0.826058	1.07246	1.07246	0.697244	0.883155	-1.1323	0.857459	0.944462	-1.0588	0.00901767	0.348146	-2.87236	0.0928169	1.79993	1.79993	0.416945	0.768236	-1.30168	2.32699	3.72268	1.42203	1
cg22805152	BTBD1;BTBD1	0.124222	0.104107	0.68532	-1.45917	0.454972	0.850582	-1.17567	?	?	?	0.73968	1.07349	1.07349	0.673685	1.09425	1.09425	0.933609	0.982438	-1.01788	0.00553013	0.460541	-2.17136	0.887876	0.970446	-1.03045	0.285898	0.790028	-1.26578	2.34901	1.49547	0.636636	1
cg14343733	FAM102A;FAM102A	0.124226	0.3998	1.69199	1.69199	0.0462614	4.0276	4.0276	0.122155	2.77935	2.77935	0.316099	1.88215	1.88215	0.827474	0.875311	-1.14245	0.0590749	3.67121	3.67121	0.0669762	3.50039	3.50039	0.0280752	4.86891	4.86891	0.0791561	3.28467	3.28467	2.32696	13.7202	5.24105	1
cg00815177	NIPAL3	0.124226	0.194008	1.62387	1.62387	0.0552681	2.15242	2.15242	0.625822	0.840823	-1.18931	0.216656	1.58195	1.58195	0.225791	1.56639	1.56639	0.129459	1.78241	1.78241	0.0140868	2.91292	2.91292	0.282564	1.48282	1.48282	0.0563523	2.14328	2.14328	2.32695	4.58722	1.7523	1
cg03540051	C6orf47	0.124229	0.0237108	0.294609	-3.39433	0.123735	0.470213	-2.1267	0.295544	0.612035	-1.63389	0.48943	0.727741	-1.37411	0.0866542	0.424625	-2.35502	0.58807	0.780737	-1.28084	0.0130239	0.247972	-4.03271	0.484881	0.725239	-1.37886	0.0982204	0.44004	-2.27252	2.32693	7.54972	2.884	1
cg25176534	TOP1MT	0.124238	0.409284	0.84884	-1.17808	0.0591495	1.51251	1.51251	0.994138	1.00143	1.00143	0.495107	1.14399	1.14399	0.0170599	0.568502	-1.75901	0.501527	0.87593	-1.14164	0.576628	1.11576	1.11576	0.174979	0.755678	-1.32332	0.257258	0.794849	-1.2581	2.32685	1.38976	0.530909	1
cg20069090	POLR1D	0.124246	0.773349	0.930896	-1.07423	0.227553	0.730429	-1.36906	0.0977871	0.637342	-1.56902	0.136643	1.48831	1.48831	0.0107749	0.451844	-2.21315	0.964829	1.01099	1.01099	0.774445	1.07385	1.07385	0.571254	1.15245	1.15245	0.656509	1.1174	1.1174	2.32679	2.26617	0.86573	1
cg06437774	TNS4	0.124247	0.857656	1.06597	1.06597	0.148723	0.576292	-1.73523	0.00799571	0.298312	-3.3522	0.961043	0.982769	-1.01753	0.192477	0.612088	-1.63375	0.463961	1.30376	1.30376	0.183065	1.65322	1.65322	0.457677	0.764043	-1.30883	0.946068	0.976214	-1.02437	2.32677	4.6665	1.78273	1
cg06260059	MEMO1;MEMO1	0.124248	0.172162	0.768791	-1.30074	0.401987	1.16788	1.16788	0.175569	1.29771	1.29771	0.884587	0.974063	-1.02663	0.818003	0.959154	-1.04259	0.194257	1.28206	1.28206	0.589112	0.906049	-1.10369	0.105658	0.726291	-1.37686	0.0210807	1.65189	1.65189	2.32677	1.20633	0.46085	1
cg13402635	C9orf3	0.12425	0.103337	0.349568	-2.86067	0.557905	0.704972	-1.4185	0.812654	0.869299	-1.15035	0.103673	2.85721	2.85721	0.0149659	0.171199	-5.84115	0.843598	1.12359	1.12359	0.300073	0.530714	-1.88426	0.888864	0.920823	-1.08598	0.100154	0.345517	-2.89422	2.32675	12.8254	4.89968	1
cg22367771	LAMC3	0.124252	0.784617	0.952571	-1.04979	0.558861	1.11054	1.11054	0.160659	1.30446	1.30446	0.215153	0.79341	-1.26038	0.631247	1.08956	1.08956	0.449024	0.872115	-1.14664	0.00926786	0.556746	-1.79615	0.116686	0.739095	-1.35301	0.627014	0.91681	-1.09074	2.32673	1.15925	0.442873	1
cg02587648	PRKCZ;PRKCZ	0.124252	0.216116	2.91797	2.91797	0.1568	3.47597	3.47597	0.0211989	9.76987	9.76987	0.0732993	5.17065	5.17065	0.871421	1.14254	1.14254	0.157377	3.46912	3.46912	0.649386	0.68624	-1.45722	0.059941	5.73197	5.73197	0.0608184	5.68953	5.68953	2.32673	24.9399	9.52789	1
cg02555243	SOX5;SOX5	0.124253	0.105115	0.168196	-5.94546	0.0313775	0.0787395	-12.7001	0.0853869	0.147434	-6.78268	0.324771	0.359282	-2.78333	0.0413806	0.0936445	-10.6787	0.183866	0.241897	-4.13399	0.0282079	0.073641	-13.5794	0.145513	0.207352	-4.82272	0.164677	0.224856	-4.44729	2.32672	37.3432	14.2664	1
cg21383720	FAM120AOS;FAM120A	0.124259	0.503995	1.10684	1.10684	0.784884	1.04181	1.04181	0.132896	1.2747	1.2747	0.597133	1.08312	1.08312	0.469087	0.895602	-1.11657	0.673729	0.938577	-1.06544	0.0599678	0.727844	-1.37392	0.240186	1.20212	1.20212	0.017396	1.5426	1.5426	2.32667	0.825714	0.315458	1
cg10928466	DOCK6	0.124259	0.170189	0.488637	-2.04651	0.708139	0.83164	-1.20244	0.60451	1.29193	1.29193	0.892315	1.06865	1.06865	0.0757627	0.379486	-2.63515	0.450688	0.68608	-1.45756	0.177001	0.494864	-2.02076	0.0188153	0.247788	-4.0357	0.120141	2.28531	2.28531	2.32667	8.85571	3.38326	1
cg17649815	DIS3L2	0.124265	0.204866	0.84362	-1.18537	0.439095	0.904551	-1.10552	0.922785	1.0124	1.0124	0.486874	1.09396	1.09396	0.166694	1.20615	1.20615	0.234378	1.17171	1.17171	0.00856806	1.53159	1.53159	0.291034	1.14945	1.14945	0.267995	1.15798	1.15798	2.32662	0.595458	0.227495	1
cg25725258	PIK3R3;PIK3R3	0.124267	0.0796744	0.286694	-3.48804	0.89289	0.920095	-1.08684	0.25271	2.11724	2.11724	0.703832	0.789425	-1.26674	0.171268	2.51205	2.51205	?	?	?	0.757977	1.21074	1.21074	0.0178429	0.147081	-6.79896	0.761105	0.828065	-1.20763	2.66696	13.6581	3.84091	1
cg13525067	CYP4F22	0.12427	0.823695	1.04832	1.04832	0.487579	1.16084	1.16084	0.0100678	1.9874	1.9874	0.429259	1.18607	1.18607	0.245241	0.773341	-1.29309	0.725288	0.928105	-1.07746	0.570949	1.12874	1.12874	0.41378	1.19325	1.19325	0.0319216	1.70176	1.70176	2.32658	1.64793	0.629606	1
cg05072951	CAPN1;CAPN1	0.124271	0.659853	0.898351	-1.11315	0.945397	1.01672	1.01672	0.64643	1.11828	1.11828	0.777237	0.933653	-1.07106	0.116658	0.661938	-1.51072	0.908527	0.972565	-1.02821	0.00465322	2.48666	2.48666	0.675606	0.903158	-1.10723	0.87936	0.963907	-1.03744	2.32657	2.15842	0.824643	1
cg07893584	PTPRD;PTPRD;PTPRD	0.124271	0.0243184	1.51325	1.51325	0.213774	1.22389	1.22389	0.0178943	1.55914	1.55914	0.170975	1.2523	1.2523	0.518064	0.903817	-1.10642	0.821078	0.965645	-1.03558	0.760485	0.953908	-1.04832	0.745074	0.950896	-1.05164	0.299551	1.18049	1.18049	2.32657	0.877644	0.335313	1
cg12745325	SLC39A5;SLC39A5	0.124272	0.387066	0.486494	-2.05552	0.027775	0.120784	-8.27926	0.813108	0.824916	-1.21224	0.0859416	0.213914	-4.67477	0.019319	0.100329	-9.96725	0.0739083	0.198125	-5.04732	0.500147	0.573376	-1.74406	0.221882	0.352258	-2.83883	0.0757486	0.200613	-4.98472	2.32656	24.3363	9.29796	1
cg16248916	NOC2L	0.124272	0.0322926	0.511861	-1.95365	0.226253	1.40417	1.40417	0.121824	1.56523	1.56523	0.060361	0.567881	-1.76093	0.139648	0.654012	-1.52902	0.445607	0.812438	-1.23086	0.726283	1.09844	1.09844	0.649758	0.885033	-1.1299	0.629384	0.878176	-1.13872	2.32656	2.62975	1.00473	1
cg08282784	C12orf43	0.124274	0.102477	1.31988	1.31988	0.0973753	0.753861	-1.3265	0.166979	1.25714	1.25714	0.022088	1.5316	1.5316	0.33781	1.16588	1.16588	0.421046	1.13618	1.13618	0.386472	0.871195	-1.14785	0.514183	1.10821	1.10821	0.660073	0.933566	-1.07116	2.32655	0.888927	0.339626	1
cg16379462	SAMD4A;SAMD4A	0.124275	0.067266	0.227606	-4.39355	0.0517502	0.202342	-4.94213	0.0473404	0.194425	-5.14338	0.213538	0.388524	-2.57384	0.306338	0.465605	-2.14774	0.596143	0.679743	-1.47114	0.0111553	0.100665	-9.93398	0.622263	0.698786	-1.43105	0.630851	0.70507	-1.4183	2.32654	19.196	7.3341	1
cg08122051	WWOX	0.124276	0.0365202	0.237905	-4.20337	0.710412	1.24653	1.24653	0.481611	0.655331	-1.52595	0.183542	2.30178	2.30178	0.0293968	0.219635	-4.55301	0.552687	1.42602	1.42602	0.0879287	0.328661	-3.04265	0.918714	1.06217	1.06217	0.461595	0.642218	-1.5571	2.32653	12.8631	4.91455	1
cg13628022	TTLL11	0.124277	0.0693087	0.35476	-2.81881	0.0102243	0.191825	-5.21308	0.0999568	0.398796	-2.50755	0.228379	0.524795	-1.90551	0.0720679	0.35919	-2.78404	0.178217	0.48214	-2.07408	0.0765019	0.366082	-2.73163	0.586872	0.755932	-1.32287	0.391489	0.639065	-1.56479	2.32652	9.5833	3.66147	1
cg23999080	PRDM16;PRDM16	0.124278	0.0927691	0.60978	-1.63994	0.654792	1.1279	1.1279	0.898669	0.966502	-1.03466	0.635851	0.880238	-1.13606	0.00721759	0.395643	-2.52753	0.545506	1.17776	1.17776	0.477954	1.21281	1.21281	0.236464	0.717668	-1.3934	0.190305	0.690091	-1.44908	2.32651	2.63536	1.00689	1
cg26367444	STIP1	0.124279	0.961415	0.988462	-1.01167	0.0857822	0.634136	-1.57695	0.959057	1.01239	1.01239	0.94269	0.982901	-1.0174	0.25485	1.33001	1.33001	0.622703	1.12633	1.12633	0.0117922	0.470276	-2.12641	0.550596	1.15588	1.15588	0.158764	1.43525	1.43525	2.3265	2.12032	0.810113	1
cg04099094	KCTD7;KCTD7	0.124282	0.668414	1.0471	1.0471	0.0428831	1.28261	1.28261	0.712685	1.04029	1.04029	0.250722	1.13676	1.13676	0.99815	0.999752	-1.00025	0.60515	1.05728	1.05728	0.0269185	0.755871	-1.32298	0.394174	1.0977	1.0977	0.0711283	1.24024	1.24024	2.32648	0.420306	0.160588	1
cg20723436	NXPH2	0.124285	0.0747916	0.412372	-2.42499	0.658495	0.819922	-1.21963	0.193218	1.84889	1.84889	0.929097	0.961054	-1.04052	0.117275	0.467942	-2.13702	0.342444	0.646237	-1.54742	0.14555	0.497804	-2.00882	0.0371225	2.94531	2.94531	0.999049	1.00053	1.00053	2.32645	7.34102	2.80485	1
cg06260789	ZC3H7B	0.124286	0.457981	1.15262	1.15262	0.0338169	0.627679	-1.59317	0.325989	1.20997	1.20997	0.382925	1.18312	1.18312	0.672809	0.923277	-1.0831	0.137752	1.35037	1.35037	0.02357	1.66222	1.66222	0.526304	1.12825	1.12825	0.844023	1.03771	1.03771	2.32645	1.30139	0.497235	1
cg13150171	CITED4;CITED4	0.124286	0.0873799	0.27916	-3.58218	0.108243	0.305833	-3.26976	0.405176	1.7786	1.7786	0.0603675	0.238828	-4.18711	0.0257975	0.166995	-5.98821	0.316151	0.496239	-2.01516	0.170708	0.372944	-2.68137	0.0781975	0.266341	-3.75458	0.227119	0.424298	-2.35684	2.32644	16.8431	6.43542	1
cg25311470	NRCAM;NRCAM	0.12429	0.105941	0.419161	-2.38572	0.236775	0.543157	-1.84109	0.0430227	0.317753	-3.1471	0.30755	0.59447	-1.68217	0.0385011	0.307139	-3.25586	0.399111	0.653732	-1.52968	0.02391	0.265291	-3.76945	0.541782	1.35542	1.35542	0.189007	0.503996	-1.98414	2.32641	8.93313	3.41322	1
cg13587564	WDR5;WDR5	0.124291	0.749874	1.19594	1.19594	0.020887	4.73589	4.73589	0.0276842	4.28952	4.28952	0.126123	2.52388	2.52388	0.350821	0.584381	-1.71121	0.816665	1.13873	1.13873	0.279482	0.533132	-1.87571	0.672442	1.26859	1.26859	0.672874	1.26816	1.26816	2.32641	11.5308	4.40578	1
cg16226745	SV2B;SV2B;SV2B	0.124291	0.203691	0.742014	-1.34768	0.366383	0.813511	-1.22924	0.992565	1.00207	1.00207	0.226366	0.753876	-1.32648	0.818464	0.950152	-1.05246	0.58517	0.884623	-1.13043	0.639081	0.900271	-1.11078	0.00596664	2.22445	2.22445	0.977627	1.00626	1.00626	2.3264	1.82263	0.696406	1
cg09447578	DNAH11	0.124293	0.386602	1.37875	1.37875	0.0437013	2.31424	2.31424	0.482878	1.29443	1.29443	0.685475	0.862995	-1.15875	0.0306917	0.399055	-2.50592	0.994828	0.997657	-1.00235	0.643173	0.844657	-1.18391	0.0735536	2.05844	2.05844	0.362456	1.40317	1.40317	2.32638	4.8251	1.84363	1
cg19568834	CPNE1;CPNE1;RBM12;CPNE1;CPNE1;CPNE1;RBM12;CPNE1;CPNE1	0.124294	0.186853	1.20447	1.20447	0.178833	1.20913	1.20913	0.958118	1.00701	1.00701	0.435819	1.1115	1.1115	0.170881	1.21396	1.21396	0.012492	1.51168	1.51168	0.859319	0.976687	-1.02387	0.459613	0.904735	-1.1053	0.0357182	1.38399	1.38399	2.32638	0.651401	0.248895	1
cg21096898	RGS12;RGS12	0.124294	0.0217674	0.270932	-3.69096	0.10017	0.425646	-2.34937	0.450133	0.694265	-1.44037	0.39539	1.51095	1.51095	0.0181168	0.256426	-3.89976	0.167989	0.498197	-2.00724	0.582588	0.76858	-1.3011	0.333638	0.623208	-1.6046	0.347391	0.632042	-1.58217	2.32637	8.28477	3.16555	1
cg01099580	MINPP1	0.124295	0.449425	0.84237	-1.18713	0.678409	0.91138	-1.09724	0.475577	0.850902	-1.17522	0.775174	0.938259	-1.0658	0.184255	1.36814	1.36814	0.877907	0.966366	-1.0348	0.00373708	0.418369	-2.39024	0.396726	0.824369	-1.21305	0.935888	1.01807	1.01807	2.32637	1.82488	0.697271	1
cg13712476	ZNF227	0.124298	0.0226251	0.182956	-5.46579	?	?	?	0.481248	1.51979	1.51979	?	?	?	?	?	?	0.460518	0.644318	-1.55203	?	?	?	?	?	?	0.394676	0.59982	-1.66717	2.81401	6.3737	3.39748	1
ch.13.470465F	LHFP	0.124299	0.0385586	0.159898	-6.25399	0.0655204	0.20572	-4.86097	0.0706208	0.213201	-4.6904	0.0622818	0.200816	-4.97969	0.0581881	0.194426	-5.14334	0.0887882	0.237879	-4.20382	0.0589425	0.195621	-5.11193	0.228607	0.380377	-2.62897	0.351652	0.480348	-2.08182	2.32633	21.5603	8.23817	1
cg22636253	SSRP1	0.124301	0.492102	1.84411	1.84411	0.591697	0.623942	-1.60271	0.257797	2.91025	2.91025	?	?	?	?	?	?	0.0891807	6.11287	6.11287	?	?	?	?	?	?	0.0566153	0.116228	-8.6038	3.49936	19.9241	4.5549	1
cg22627353	CHST8;CHST8	0.124304	0.255879	0.779011	-1.28368	0.0324758	1.69399	1.69399	0.0345444	0.595125	-1.68032	0.90683	1.02496	1.02496	0.233048	0.768524	-1.3012	0.415658	0.83931	-1.19146	0.657504	1.09851	1.09851	0.327556	0.80832	-1.23713	0.361585	1.21831	1.21831	2.32629	1.63337	0.624121	1
cg25754958	PTPN7	0.124306	0.810726	0.937703	-1.06644	0.496967	1.20309	1.20309	0.0432296	0.536106	-1.8653	0.466868	0.819968	-1.21956	0.264431	0.732099	-1.36594	0.318684	1.31824	1.31824	0.0335064	1.94624	1.94624	0.281623	1.34984	1.34984	0.259851	0.729713	-1.3704	2.32627	2.64803	1.01183	1
cg00367135	BEST1;BEST1	0.124311	0.690698	1.2253	1.2253	0.0642329	2.8759	2.8759	0.891507	1.07179	1.07179	0.293926	1.73854	1.73854	0.785891	1.14835	1.14835	0.574344	1.33415	1.33415	0.900456	1.06564	1.06564	0.00405094	7.10373	7.10373	0.154717	2.16791	2.16791	2.32623	9.50811	3.63319	1
cg20980653	COL11A2;COL11A2;COL11A2	0.124314	0.378219	1.37329	1.37329	0.0906977	0.519998	-1.92308	0.303324	0.687929	-1.45364	0.644357	1.17714	1.17714	0.0586191	0.472592	-2.11599	0.066587	0.485921	-2.05795	0.21389	1.58276	1.58276	0.391332	1.3609	1.3609	0.16501	0.594731	-1.68143	2.3262	4.53518	1.73298	1
cg24268698	C1S;C1S	0.124317	0.36975	0.83907	-1.1918	0.843649	1.03833	1.03833	0.221456	0.782855	-1.27738	0.114196	0.720865	-1.38722	0.916328	0.980181	-1.02022	0.0466317	0.647917	-1.54341	0.260042	1.25081	1.25081	0.0156272	0.568586	-1.75875	0.250388	0.795496	-1.25708	2.32618	1.33677	0.510811	1
cg24001728	VWCE	0.124318	0.737253	1.12741	1.12741	0.0193784	2.73733	2.73733	0.0799493	1.99768	1.99768	0.691663	1.15255	1.15255	0.0627387	0.474344	-2.10817	0.910453	1.04088	1.04088	0.164391	1.69619	1.69619	0.322082	1.43953	1.43953	0.960937	0.982707	-1.0176	2.32617	4.67337	1.78581	1
cg03653585	DLC1;DLC1;DLC1	0.12432	0.261448	0.445592	-2.24421	0.0242771	0.156682	-6.38237	0.00800169	0.0957543	-10.4434	0.951214	1.04314	1.04314	0.231087	0.420166	-2.38001	0.192644	0.386057	-2.59029	0.629049	0.714631	-1.39932	0.471829	0.603396	-1.65729	0.943401	1.05023	1.05023	2.32616	17.5531	6.70752	1
cg11534240	SMG7;SMG7;SMG7	0.124321	0.0370518	0.395859	-2.52615	0.931543	1.03343	1.03343	0.966217	1.01634	1.01634	0.489898	0.764567	-1.30793	0.0483545	0.42173	-2.37119	0.108118	0.511233	-1.95606	0.0785746	0.473423	-2.11227	0.0276518	0.369155	-2.70889	0.197351	0.593584	-1.68468	2.32615	5.3967	2.06224	1
cg23681243	UBE3A;UBE3A	0.124321	0.330758	0.819506	-1.22025	0.0133239	1.83708	1.83708	0.675814	1.087	1.087	0.487981	0.869573	-1.14999	0.462586	1.15988	1.15988	0.306022	1.23394	1.23394	0.152691	0.738003	-1.35501	0.430548	0.852497	-1.17302	0.150478	1.35756	1.35756	2.32614	1.44938	0.553853	1
cg15612063	TMEM45A;TMEM45A	0.124322	0.151153	0.681367	-1.46764	0.714983	0.912588	-1.09578	0.10426	1.55728	1.55728	0.109952	0.647558	-1.54426	0.456617	1.20815	1.20815	0.301099	1.30633	1.30633	0.0818589	0.618235	-1.61751	0.94901	0.984176	-1.01608	0.0872046	1.60159	1.60159	2.32614	2.29163	0.875703	1
cg25161465	SNORD116-2;SNORD116-6	0.124323	0.119252	0.43574	-2.29495	0.0538297	0.341071	-2.93194	0.752385	1.16826	1.16826	0.267744	1.7634	1.7634	0.156297	0.474675	-2.10671	0.430567	0.673474	-1.48484	0.469927	1.43505	1.43505	0.364629	1.58047	1.58047	0.0360917	0.301892	-3.31245	2.32613	8.894	3.39868	1
cg19082920	LOC148709	0.124323	0.205579	0.805931	-1.2408	0.512462	0.898229	-1.1133	0.777566	1.04682	1.04682	0.425717	0.876852	-1.14044	0.387668	1.15379	1.15379	0.802236	1.04138	1.04138	0.111317	0.755605	-1.32344	0.865765	1.02771	1.02771	0.0093684	1.70291	1.70291	2.32613	0.961686	0.367491	1
cg20386109	TSC22D2	0.124325	0.271768	0.448391	-2.23019	0.286906	0.460567	-2.17124	0.17063	0.359513	-2.78154	0.504385	1.60797	1.60797	0.0389943	0.187256	-5.34028	0.297356	0.468855	-2.13285	0.0271509	0.159851	-6.25582	0.746635	1.25518	1.25518	0.0390618	0.187397	-5.33626	2.32611	18.109	6.92008	1
cg14047561	HCG26	0.124326	0.478931	0.689965	-1.44935	0.784202	1.15203	1.15203	0.1087	0.40574	-2.46463	0.929042	0.955118	-1.04699	0.404172	0.643979	-1.55285	0.789863	1.14764	1.14764	0.00787033	0.1724	-5.80047	0.0752438	0.360142	-2.77668	0.402516	1.55537	1.55537	2.32611	9.79289	3.74221	1
cg14247222	CPT1A;CPT1A	0.124326	0.0510236	0.695701	-1.4374	0.214502	0.80788	-1.23781	0.0389867	0.676977	-1.47716	0.624038	0.922518	-1.08399	0.0187004	0.627971	-1.59243	0.438836	1.13759	1.13759	0.768203	1.04943	1.04943	0.871479	1.02679	1.02679	0.543679	0.904524	-1.10555	2.3261	0.981898	0.37522	1
cg24997006	RRP1	0.124327	0.59625	1.10636	1.10636	0.0106098	0.544713	-1.83583	0.630712	0.912502	-1.09589	0.441365	1.15999	1.15999	0.909344	1.02177	1.02177	0.578861	0.899433	-1.11181	0.875701	1.03003	1.03003	0.920137	1.01914	1.01914	0.0368938	1.58125	1.58125	2.3261	1.31653	0.503097	1
cg13285447	NUMBL	0.124327	0.263425	1.2592	1.2592	0.712716	0.929497	-1.07585	0.49303	0.871424	-1.14755	0.826065	0.957425	-1.04447	0.08298	0.684214	-1.46153	0.542194	1.12972	1.12972	0.738814	0.93599	-1.06839	0.320886	1.22477	1.22477	0.00948169	1.91515	1.91515	2.32609	1.43974	0.55018	1
cg04153135	LAG3	0.12433	0.0678443	0.61682	-1.62122	0.153633	0.697056	-1.43461	0.577614	0.875558	-1.14213	0.660615	0.900888	-1.11002	0.00988941	0.463022	-2.15972	0.0598011	0.605485	-1.65157	0.115442	0.667457	-1.49822	0.743897	1.08052	1.08052	0.360822	0.800983	-1.24847	2.32607	2.05585	0.785628	1
cg06719391	KCNQ1;KCNQ1	0.124332	0.696073	0.95722	-1.04469	0.352125	1.11356	1.11356	0.570803	1.06602	1.06602	?	?	?	0.0242823	1.37577	1.37577	0.0565722	1.28569	1.28569	0.0464108	1.30581	1.30581	0.449426	0.917343	-1.0901	0.223043	1.15595	1.15595	2.66623	0.441838	0.124288	1
cg14799008	CXCL17	0.124332	0.0275007	0.374153	-2.6727	0.902868	0.955007	-1.04711	0.234563	0.625106	-1.59973	0.33529	0.68752	-1.4545	0.00565015	0.254271	-3.93281	0.718959	0.872616	-1.14598	0.91144	0.958915	-1.04285	0.570239	0.805464	-1.24152	0.341015	0.690748	-1.44771	2.32605	5.23801	2.00168	1
cg23334643	GALNT9	0.124333	0.053083	0.379535	-2.6348	0.0624842	0.396871	-2.51971	0.740458	0.863703	-1.15781	0.281057	0.610273	-1.63861	0.0401415	0.351585	-2.84426	0.158692	0.514743	-1.94272	0.016819	0.276413	-3.61778	0.287938	0.614893	-1.6263	0.163987	0.51963	-1.92445	2.32604	7.1576	2.73525	1
cg20367388	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.124333	0.376644	0.714236	-1.4001	0.342897	0.695956	-1.43687	0.0472319	0.430756	-2.3215	0.63166	0.835965	-1.19622	0.0376042	0.408712	-2.44671	0.089831	0.499763	-2.00095	0.0475134	0.431346	-2.31832	0.433078	1.34548	1.34548	0.0745613	0.478601	-2.08942	2.32604	5.06921	1.93718	1
cg14152778	RMND5A	0.124335	0.412834	0.767245	-1.30336	0.00465771	0.303962	-3.28989	0.217268	0.663125	-1.50801	0.187147	0.64247	-1.55649	0.062098	0.514435	-1.94388	0.980802	1.00764	1.00764	0.544078	0.823402	-1.21447	0.867006	1.05447	1.05447	0.731975	0.896914	-1.11493	2.32603	3.68912	1.40979	1
cg12492289	PCBP3;PCBP3	0.124335	0.303486	0.857296	-1.16646	0.0656759	0.741997	-1.34771	0.213936	0.827749	-1.2081	0.95192	0.991327	-1.00875	0.930197	1.01274	1.01274	0.802899	0.964515	-1.03679	0.0128335	1.56276	1.56276	0.459299	0.896863	-1.115	0.330368	0.86493	-1.15616	2.32603	0.768865	0.293821	1
cg11739758	LOC404266;LOC404266;LOC404266;HOXB5;LOC404266	0.12434	0.320207	0.786465	-1.27151	0.811531	0.945667	-1.05745	0.658538	1.10961	1.10961	0.344094	1.25598	1.25598	0.983915	0.995296	-1.00473	0.873642	1.03792	1.03792	0.144792	0.693325	-1.44233	0.009181	2.16763	2.16763	0.123789	1.47671	1.47671	2.32599	2.01473	0.769939	1
cg23819087	URB1;C21orf119	0.12434	0.188496	0.78717	-1.27037	0.988573	0.997543	-1.00246	0.0394287	1.50564	1.50564	0.506823	0.890768	-1.12263	0.639733	0.922222	-1.08434	0.661638	1.07857	1.07857	0.0141208	0.594389	-1.6824	0.733632	0.943022	-1.06042	0.59633	1.09616	1.09616	2.32598	1.0867	0.415287	1
cg04440283	TRHR	0.124341	0.122826	0.385188	-2.59614	0.902361	1.07255	1.07255	0.817371	0.876343	-1.14111	0.273221	0.521685	-1.91687	0.0398181	0.257661	-3.88106	0.104963	0.363848	-2.7484	0.0143251	0.178503	-5.60215	0.126864	0.389761	-2.56567	0.112973	0.373657	-2.67625	2.32598	11.9956	4.5842	1
cg04354805	ZDHHC18	0.124341	0.617339	0.913211	-1.09504	0.101023	0.723474	-1.38222	0.233336	1.2526	1.2526	0.94734	1.01198	1.01198	0.407714	0.85844	-1.1649	0.415435	0.860684	-1.16187	0.0386257	0.649381	-1.53993	0.0422351	0.655911	-1.5246	0.181018	1.29171	1.29171	2.32598	1.19671	0.45733	1
cg23638725	CDC14C	0.124343	0.66713	1.0786	1.0786	0.00693677	1.84209	1.84209	0.247601	1.23538	1.23538	0.127318	0.749516	-1.33419	0.675444	0.929014	-1.07641	0.594319	0.910285	-1.09856	0.826337	0.962306	-1.03917	0.778733	1.05049	1.05049	0.412272	0.86365	-1.15788	2.32596	1.12639	0.430461	1
cg07808701	ATAD3A;ATAD3A;ATAD3A	0.124346	0.704172	0.845512	-1.18271	0.0270711	3.1621	3.1621	0.757377	1.14604	1.14604	0.032892	0.333626	-2.99737	0.831783	1.09809	1.09809	0.756147	1.14687	1.14687	0.833223	1.0972	1.0972	0.18855	1.8457	1.8457	0.157978	0.514759	-1.94266	2.32593	7.1287	2.72434	1
cg02186141	TBCD	0.124348	0.0320801	0.198861	-5.02864	0.419852	0.588516	-1.69919	0.419838	0.588507	-1.69922	0.475456	0.627009	-1.59487	0.0150079	0.146138	-6.84285	0.0434717	0.224572	-4.45292	0.201964	0.420364	-2.37889	0.959601	1.03312	1.03312	0.105221	0.320251	-3.12255	2.32592	15.2417	5.82486	1
cg06018240	SLC4A2	0.124354	0.190285	0.634211	-1.57676	0.969525	1.01262	1.01262	0.0259807	2.38122	2.38122	0.995827	0.998284	-1.00172	0.0306315	0.434391	-2.30208	0.184035	0.629613	-1.58828	0.601501	1.18885	1.18885	0.701376	1.13484	1.13484	0.663608	0.866172	-1.15451	2.32587	3.97027	1.51734	1
cg24274600	RHOBTB3	0.124359	0.509716	0.907297	-1.10217	0.474686	0.899643	-1.11155	0.133653	1.26533	1.26533	0.059716	0.734117	-1.36218	0.291119	1.17276	1.17276	0.238692	1.19664	1.19664	0.0631546	1.3553	1.3553	0.761906	0.956759	-1.0452	0.146356	0.79707	-1.25459	2.32582	0.779494	0.297909	1
cg01458420	SPATA2	0.12436	0.114377	0.826281	-1.21024	0.181594	0.854213	-1.17067	0.708779	0.959167	-1.04257	0.617068	1.05761	1.05761	0.259889	0.877575	-1.1395	0.186125	0.855764	-1.16855	0.140472	1.19268	1.19268	0.10279	1.21938	1.21938	0.0643475	0.793788	-1.25978	2.32582	0.454826	0.173827	1
cg24208172	CDS1	0.124362	0.574131	0.933232	-1.07154	0.0112043	1.47221	1.47221	0.400004	1.11054	1.11054	0.0926197	0.798345	-1.25259	0.129311	1.22073	1.22073	0.783423	0.967026	-1.0341	0.580384	0.934305	-1.07031	0.719146	0.957006	-1.04493	0.777984	0.966186	-1.035	2.3258	0.545523	0.208492	1
cg16682165	OR5V1	0.124364	0.093032	1.4624	1.4624	0.0155208	1.84146	1.84146	0.955313	1.01159	1.01159	0.0433463	1.61278	1.61278	0.118517	1.41703	1.41703	0.244198	1.2848	1.2848	0.335527	1.22662	1.22662	0.462595	0.857441	-1.16626	0.920977	0.979797	-1.02062	2.32578	1.55838	0.595596	1
cg16371956	C14orf4	0.124365	0.376833	0.869759	-1.14974	0.0232414	1.51801	1.51801	0.288565	1.18474	1.18474	0.113912	0.767487	-1.30295	0.296161	1.18138	1.18138	0.126317	1.28981	1.28981	0.486516	0.896917	-1.11493	0.835909	1.03243	1.03243	0.161251	1.25887	1.25887	2.32578	0.872108	0.333311	1
cg10698928	MIR124-2	0.124365	0.0793743	5.30614	5.30614	0.256916	2.75663	2.75663	0.0780349	5.35474	5.35474	0.378155	2.17036	2.17036	0.0297583	8.95296	8.95296	0.252565	0.359098	-2.78476	0.309249	2.46396	2.46396	0.0457585	7.1174	7.1174	0.266768	2.69538	2.69538	2.32577	27.0513	10.3388	1
cg16204414	C3orf42	0.124365	0.220049	1.96613	1.96613	0.0275833	3.91927	3.91927	0.160268	2.19571	2.19571	0.0634939	2.98612	2.98612	0.233959	0.519867	-1.92357	0.58595	0.749482	-1.33425	0.743593	1.18778	1.18778	0.0590405	3.05776	3.05776	0.512879	1.41614	1.41614	2.32577	10.125	3.86967	1
cg16115072	KSR1	0.124366	0.129052	0.356657	-2.80382	0.00700203	0.111689	-8.95342	0.0475387	0.240609	-4.15612	0.670545	0.764166	-1.30862	0.16491	0.394077	-2.53757	0.177185	0.405938	-2.46343	0.153582	0.382743	-2.61272	0.449015	0.615738	-1.62407	0.868883	0.901364	-1.10943	2.32576	14.5532	5.56212	1
cg08467866	CTRB2	0.12437	0.244825	0.711097	-1.40628	0.642392	0.877172	-1.14003	0.00944838	0.397799	-2.51383	0.44978	0.805872	-1.24089	0.0142304	0.428507	-2.33368	0.861692	0.952305	-1.05008	0.281611	0.730816	-1.36833	0.725055	0.905778	-1.10402	0.224893	0.699608	-1.42937	2.32573	2.89289	1.10566	1
cg04955333	IQCE;IQCE	0.12437	0.790143	0.943171	-1.06025	0.601529	1.12252	1.12252	0.912776	1.02433	1.02433	0.305691	0.792435	-1.26193	0.16961	0.725476	-1.37841	0.0201693	1.84898	1.84898	0.0838737	1.52135	1.52135	0.356608	1.23119	1.23119	0.191458	0.738333	-1.3544	2.32573	1.77232	0.677377	1
cg08949862	OTX1	0.124374	0.473165	0.903254	-1.10711	0.679342	0.943679	-1.05968	0.888197	1.01981	1.01981	0.0229313	0.684206	-1.46155	0.502905	0.909538	-1.09946	0.0084892	0.625913	-1.59767	0.942821	0.990046	-1.01005	0.418619	1.12217	1.12217	0.578453	0.924706	-1.08142	2.3257	0.716413	0.273815	1
cg18101333	LEMD2	0.124375	0.0225258	3.89844	3.89844	0.822675	0.89425	-1.11826	0.169795	2.0713	2.0713	0.619942	0.779625	-1.28267	0.47703	0.697656	-1.43337	0.108948	0.418749	-2.38807	0.070653	2.73436	2.73436	0.950633	0.96964	-1.03131	0.520411	0.722953	-1.38322	2.32569	9.13308	3.4907	1
cg03064228	NKD1	0.124375	0.0261895	0.427765	-2.33773	0.206509	0.651201	-1.53562	0.0620083	0.508396	-1.96697	0.0674088	0.516974	-1.93433	0.194863	1.55496	1.55496	0.866779	1.05554	1.05554	0.541432	1.22019	1.22019	0.514375	0.808263	-1.23722	0.941726	1.02382	1.02382	2.32569	3.81753	1.45908	1
cg19175346	RPRD1A	0.124376	0.68263	1.20135	1.20135	0.364226	1.51598	1.51598	0.368608	1.50994	1.50994	0.121485	0.472762	-2.11523	0.746613	0.86531	-1.15565	0.00711571	0.211955	-4.71799	0.357774	0.655728	-1.52502	0.820343	1.10684	1.10684	0.512289	1.34523	1.34523	2.32568	7.33442	2.80326	1
cg09307468	PLAGL1;PLAGL1	0.124377	0.161315	2.12359	2.12359	0.0549704	2.99102	2.99102	0.302656	1.71182	1.71182	0.179666	2.04926	2.04926	0.780921	0.869041	-1.15069	0.322115	1.67355	1.67355	0.0683229	0.35789	-2.79416	0.0545454	2.99829	2.99829	0.294084	1.72959	1.72959	2.32567	9.33588	3.56824	1
cg18513200	BOD1L	0.124379	?	?	?	0.113308	2.16643	2.16643	0.978278	1.01229	1.01229	0.610619	0.794233	-1.25908	0.0130913	0.251415	-3.97749	?	?	?	0.422353	1.44438	1.44438	0.360626	0.655985	-1.52442	0.918997	1.04669	1.04669	2.37474	5.88741	2.83336	1
cg00088007	NKX6-3	0.12438	0.0126694	4.5086	4.5086	0.465006	1.43533	1.43533	0.15	2.11708	2.11708	0.11212	2.31815	2.31815	0.60692	1.28687	1.28687	0.31003	1.66619	1.66619	0.591424	0.768472	-1.30128	0.0272761	3.55945	3.55945	0.202093	1.92437	1.92437	2.32565	8.70033	3.32536	1
cg24463471	RUNX3;RUNX3	0.12438	0.163785	3.17485	3.17485	0.834566	1.17655	1.17655	0.0347697	6.77437	6.77437	?	?	?	0.416035	1.90841	1.90841	0.504937	0.590971	-1.69213	0.545539	1.60898	1.60898	0.0246239	8.01048	8.01048	0.0618524	5.12892	5.12892	2.34764	19.9763	8.50909	1
cg14598478	ADAMTSL3	0.12438	0.047667	0.213471	-4.68447	0.38344	0.54367	-1.83935	0.0324773	0.181424	-5.51196	0.171211	0.370312	-2.70043	0.168969	0.368133	-2.71641	0.835854	1.15197	1.15197	0.0381488	0.194252	-5.14796	0.544452	1.51936	1.51936	0.120186	0.316813	-3.15643	2.32564	17.1253	6.54552	1
cg24613043	PRSS23	0.124381	0.923032	0.976448	-1.02412	0.0277418	0.526423	-1.89961	0.0824288	0.622222	-1.60714	0.388054	0.803878	-1.24382	0.296884	0.765879	-1.30569	0.947201	0.983799	-1.01647	0.151182	1.46133	1.46133	0.0944327	1.57367	1.57367	0.561317	0.865147	-1.15587	2.32564	2.24038	0.8563	1
cg00734592	ZC3HAV1;ZC3HAV1	0.124381	0.0362668	0.125565	-7.96398	0.0791655	0.189923	-5.26529	0.103162	0.218857	-4.5692	0.102549	0.218155	-4.5839	0.0698102	0.177632	-5.62963	0.19161	0.307823	-3.24862	0.0340194	0.121375	-8.23891	0.104508	0.220391	-4.53739	0.109611	0.226136	-4.42212	2.32564	26.7546	10.226	1
cg23446375	ECH1	0.124382	0.509372	1.17174	1.17174	0.0937803	1.54706	1.54706	0.028374	0.541876	-1.84544	0.0538716	0.595547	-1.67913	0.448774	1.20055	1.20055	0.15871	0.699962	-1.42865	0.810199	0.944619	-1.05863	0.868517	0.961529	-1.04001	0.605286	0.883866	-1.13139	2.32563	2.06519	0.789346	1
cg12902497	ENO1	0.124385	0.0419315	1.88683	1.88683	0.781907	0.927599	-1.07805	0.0957818	1.64127	1.64127	0.284243	1.35157	1.35157	0.319567	0.75687	-1.32123	0.591043	1.15824	1.15824	0.476801	1.21642	1.21642	0.0245087	2.06601	2.06601	0.0747197	1.71194	1.71194	2.32561	2.70144	1.03254	1
cg25523332	NCRNA00171	0.124385	0.0625468	0.312542	-3.19957	0.0638968	0.314854	-3.17607	0.055906	0.300674	-3.32587	0.713485	1.22708	1.22708	0.0439226	0.276691	-3.61414	0.0739666	0.331195	-3.01937	0.119519	0.391664	-2.55321	0.160807	0.435528	-2.29606	0.177737	0.4517	-2.21386	2.3256	11.3406	4.33459	1
cg09370016	FRRS1	0.124385	0.614353	1.24748	1.24748	0.131437	2.03149	2.03149	0.124012	0.484336	-2.06468	0.0611321	0.399146	-2.50535	0.0994931	0.455737	-2.19425	0.173481	0.532421	-1.87821	0.788012	1.12446	1.12446	0.192702	1.8222	1.8222	0.274083	0.609369	-1.64104	2.3256	6.97715	2.6668	1
cg22311230	MRGPRE	0.124387	0.091404	0.446066	-2.24182	0.409268	0.693155	-1.44268	0.531501	0.759385	-1.31686	0.226532	0.576126	-1.73573	0.074557	0.422025	-2.36953	0.0513489	0.381576	-2.62071	0.0497089	0.378251	-2.64375	0.0179507	0.286825	-3.48645	0.113316	0.473156	-2.11347	2.32559	6.94622	2.65499	1
cg03324123	C1orf198;C1orf198	0.124389	0.942113	0.983556	-1.01672	0.369875	1.23399	1.23399	0.353019	0.803971	-1.24383	0.180205	0.722579	-1.38393	0.423513	1.20519	1.20519	0.521396	1.15996	1.15996	0.0243886	0.542026	-1.84493	0.167123	0.714441	-1.3997	0.0811363	1.55502	1.55502	2.32557	1.91999	0.733868	1
cg16671899	GPR120	0.124391	0.0418975	3.83911	3.83911	0.618924	0.750017	-1.3333	0.227729	0.48364	-2.06765	0.0428443	3.80866	3.80866	0.336145	1.76644	1.76644	0.39163	1.65456	1.65456	0.483735	0.664777	-1.50426	0.0933115	2.88357	2.88357	0.155508	2.39148	2.39148	2.32555	12.1224	4.63352	1
cg23874078	CEPT1;CEPT1;DRAM2	0.124393	0.446464	0.833958	-1.1991	0.755	1.07599	1.07599	0.989508	0.996928	-1.00308	0.0210938	0.522566	-1.91363	0.0808352	0.635725	-1.57301	0.895855	1.03112	1.03112	0.0940351	0.649999	-1.53846	0.89558	1.0312	1.0312	0.0910334	1.54583	1.54583	2.32553	2.01642	0.770737	1
cg22333868	SYT1;SYT1;SYT1	0.124407	0.99773	0.99843	-1.00157	0.103686	2.67253	2.67253	0.197442	2.12262	2.12262	0.210796	2.07175	2.07175	0.0131524	0.182967	-5.46547	0.488394	1.47528	1.47528	0.533829	1.41637	1.41637	0.268818	1.88932	1.88932	0.872659	0.915201	-1.09266	2.32542	11.2393	4.29621	1
cg07769957	NOVA2	0.124408	0.837385	1.1078	1.1078	0.764239	1.16164	1.16164	0.296772	0.583399	-1.71409	0.185826	0.49718	-2.01135	0.508726	1.39647	1.39647	0.560287	1.34094	1.34094	0.00849108	5.33084	5.33084	0.232057	1.86702	1.86702	0.290206	0.57879	-1.72774	2.32541	9.13909	3.49343	1
cg02677635	FAM125B;FAM125B	0.124409	0.0722791	0.346782	-2.88365	0.25374	0.532974	-1.87627	0.302188	0.568742	-1.75827	0.618756	0.767312	-1.30325	0.00470079	0.137585	-7.26823	0.981921	0.988108	-1.01204	0.747771	1.18572	1.18572	0.769334	1.16795	1.16795	0.340313	0.59521	-1.68008	2.3254	10.2664	3.92435	1
cg23116115	FGFRL1;FGFRL1	0.124412	0.0299422	0.411024	-2.43295	0.873386	0.945995	-1.05709	0.34964	0.715222	-1.39817	0.472258	0.775283	-1.28985	0.15277	0.586783	-1.70421	0.454126	0.766865	-1.30401	0.00957352	0.319157	-3.13325	0.164465	0.596693	-1.67591	0.0795159	0.507861	-1.96904	2.32538	4.46325	1.7061	1
cg24325362	PIK3C3	0.124412	0.742079	0.880991	-1.13509	0.53953	1.26911	1.26911	0.098442	2.00432	2.00432	0.0786525	2.11564	2.11564	0.0756308	0.468253	-2.1356	0.0555628	0.435007	-2.29882	0.735216	0.877889	-1.1391	0.357846	1.43733	1.43733	0.461324	1.33341	1.33341	2.32538	5.42132	2.07233	1
cg08270258	MYRIP	0.124414	0.107271	2.11533	2.11533	0.259611	1.65068	1.65068	0.120451	2.04996	2.04996	0.725684	0.860595	-1.16199	0.306851	0.637088	-1.56964	0.623818	1.2345	1.2345	0.991853	0.995658	-1.00436	0.0310451	2.94127	2.94127	0.0272586	3.04493	3.04493	2.32536	6.68918	2.557	1
cg16784985	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.124414	0.153611	4.35728	4.35728	0.010073	22.8398	22.8398	0.145758	4.50253	4.50253	0.168612	4.10916	4.10916	0.122442	5.01563	5.01563	0.324976	2.6623	2.6623	0.0304157	11.6004	11.6004	0.146185	4.49432	4.49432	0.333694	2.61324	2.61324	2.32536	34.1807	13.0659	1
cg13302994	UNC80;UNC80	0.12442	0.21436	0.516782	-1.93505	0.785515	0.871315	-1.14769	0.611788	0.77224	-1.29493	0.62802	0.781487	-1.27961	0.00459984	0.148871	-6.71722	0.249177	0.544315	-1.83717	0.29229	0.575936	-1.7363	0.215388	1.93189	1.93189	0.586753	0.757939	-1.31937	2.32531	9.39149	3.59006	1
cg12486533	BMP1;SFTPC;BMP1;BMP1	0.12442	0.135428	2.21037	2.21037	0.00808928	5.3206	5.3206	0.478205	1.42672	1.42672	0.395646	1.53535	1.53535	0.244797	1.82152	1.82152	0.107288	2.37836	2.37836	0.270829	1.75955	1.75955	0.045042	3.10672	3.10672	0.0926699	2.48922	2.48922	2.32531	8.94641	3.41992	1
cg24492884	CLEC9A	0.124421	0.968746	1.00346	1.00346	0.385834	0.924709	-1.08142	0.0539387	0.824773	-1.21245	0.376532	1.08318	1.08318	0.0243264	0.789526	-1.26658	0.354457	0.919544	-1.0875	0.137051	0.868475	-1.15144	0.0797308	0.842637	-1.18675	0.0754218	0.840065	-1.19038	2.3253	0.285503	0.109139	1
cg25049295	PTPN18;PTPN18	0.124426	0.312443	0.840335	-1.19	0.055064	1.43638	1.43638	0.248969	0.818228	-1.22215	0.393853	1.1565	1.1565	0.0190581	0.62347	-1.60393	0.909002	1.01922	1.01922	0.278551	1.20632	1.20632	0.588365	0.913046	-1.09524	0.657377	0.928379	-1.07715	2.32526	1.0207	0.39019	1
cg09081994	CDGAP	0.124426	0.0521355	0.302161	-3.30949	0.167049	0.450214	-2.22117	0.0820669	0.352144	-2.83975	0.573783	0.734983	-1.36058	0.0214132	0.223675	-4.47077	0.209238	0.488196	-2.04836	0.0265354	0.240613	-4.15604	0.169828	0.452862	-2.20818	0.187576	0.469252	-2.13105	2.32526	10.8087	4.13192	1
cg27301655	CD5	0.124427	0.121463	0.460973	-2.16932	0.625341	0.796934	-1.25481	0.175613	0.514647	-1.94308	0.693426	0.83298	-1.20051	0.0300851	0.308313	-3.24346	0.0499309	0.356542	-2.80472	0.0329021	0.316355	-3.161	0.0400149	0.334633	-2.98835	0.363082	0.649765	-1.53902	2.32525	7.8347	2.99502	1
cg19557190	GPBP1;GPBP1	0.124429	0.114711	2.55231	2.55231	0.299953	0.556139	-1.79811	0.764622	1.17824	1.17824	0.0253658	0.234163	-4.27053	0.622293	0.762454	-1.31155	0.14642	0.426771	-2.34317	0.0586487	0.311387	-3.21144	0.41276	1.57996	1.57996	0.863274	0.910147	-1.09872	2.32523	10.9876	4.20033	1
cg04119678	PTP4A2;PTP4A2	0.124429	0.01366	0.398514	-2.50932	0.328321	0.737621	-1.35571	0.0595291	0.52652	-1.89926	0.282348	0.713938	-1.40068	0.197614	0.663137	-1.50798	0.512441	1.22187	1.22187	0.040544	0.489967	-2.04095	0.624254	0.861649	-1.16056	0.219091	0.677166	-1.47674	2.32523	3.35037	1.28078	1
cg04674056	ACER2	0.124429	0.613606	0.917364	-1.09008	0.0917952	1.3695	1.3695	0.0397685	0.668511	-1.49586	0.576912	0.90894	-1.10018	0.759288	1.05344	1.05344	0.0376701	0.664705	-1.50443	0.347009	0.848711	-1.17826	0.232677	1.23616	1.23616	0.4563	0.879394	-1.13715	2.32523	1.05676	0.403979	1
cg20930366	KCNN2	0.124431	0.54852	0.787861	-1.26926	0.963817	1.01798	1.01798	0.579328	1.24598	1.24598	0.59163	0.808408	-1.237	0.809807	1.09932	1.09932	0.00537224	0.237007	-4.21929	0.129078	0.525122	-1.90432	0.239326	1.62245	1.62245	0.900505	1.05035	1.05035	2.32521	5.68017	2.17143	1
cg24099074	CAT	0.124433	0.626266	0.878987	-1.13767	0.25935	0.73399	-1.36242	0.664384	1.12157	1.12157	0.673403	1.11786	1.11786	0.0809386	0.601332	-1.66298	0.0161546	0.461422	-2.16721	0.0676725	0.58393	-1.71254	0.135781	0.655404	-1.52578	0.089719	0.611622	-1.635	2.3252	2.54372	0.972427	1
cg05079045	APBB1;APBB1	0.124434	0.396283	1.14415	1.14415	0.010064	1.65448	1.65448	0.439562	0.884972	-1.12998	0.883569	0.97754	-1.02298	0.0626509	1.38368	1.38368	0.741514	1.05265	1.05265	0.496261	0.898447	-1.11303	0.482152	0.895174	-1.1171	0.181057	1.24623	1.24623	2.32518	0.884904	0.338288	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21356837	OXGR1	0.124436	0.133583	0.570781	-1.75199	0.427878	0.755394	-1.32381	0.935736	1.02834	1.02834	0.868072	1.05931	1.05931	0.377098	0.730449	-1.36902	0.708469	0.877946	-1.13902	0.0523807	0.465537	-2.14806	0.671357	1.1594	1.1594	0.0161269	2.77387	2.77387	2.32517	4.42276	1.69078	1
cg02794358	SPTBN1;SPTBN1	0.124437	0.278822	1.49703	1.49703	0.530669	1.25556	1.25556	0.28528	1.48838	1.48838	0.870875	0.943375	-1.06002	0.0596194	2.14196	2.14196	0.356169	1.40505	1.40505	0.0143176	2.95104	2.95104	0.0371171	2.38025	2.38025	0.0693847	2.07072	2.07072	2.32517	4.72833	1.8076	1
cg07131943	STRA8	0.124442	0.0510554	0.648068	-1.54305	0.274463	0.800942	-1.24853	0.64698	1.09418	1.09418	0.035741	0.620637	-1.61125	0.934583	1.01615	1.01615	0.352351	0.829593	-1.20541	0.252853	1.26255	1.26255	0.0619901	0.663502	-1.50716	0.411264	1.17822	1.17822	2.32512	1.40318	0.536434	1
cg14491007	ZNF703	0.124442	0.00359412	0.305078	-3.27785	0.617954	0.8595	-1.16347	0.0777215	0.554136	-1.80461	0.389829	0.766947	-1.30387	0.179737	0.651133	-1.53578	0.856666	0.947015	-1.05595	0.826746	0.936126	-1.06823	0.29746	0.722356	-1.38436	0.36203	0.754189	-1.32593	2.32512	3.33878	1.27641	1
cg00473531	ADAM11	0.124444	0.033426	0.30385	-3.29109	0.339093	0.623585	-1.60363	0.0540309	0.350575	-2.85246	0.35762	0.635444	-1.5737	0.0311166	0.297419	-3.36225	0.158149	0.485207	-2.06097	0.0477346	0.337883	-2.95961	0.0853645	0.4019	-2.48818	0.166121	0.49274	-2.02947	2.3251	8.45949	3.23407	1
cg17466946	MXD3;MXD3	0.124444	0.746576	0.820656	-1.21854	0.559095	1.43349	1.43349	0.794055	1.17289	1.17289	0.700948	0.790394	-1.26519	0.0176854	0.172254	-5.80537	0.399027	1.69268	1.69268	0.0642243	0.281505	-3.55233	0.193065	2.31551	2.31551	0.202118	2.2727	2.2727	2.3251	13.6832	5.23111	1
cg00431549	MGP	0.124446	0.0393616	0.1379	-7.25162	0.220031	0.342374	-2.92078	0.645552	0.680488	-1.46953	0.236744	0.356873	-2.80212	0.0150599	0.08347	-11.9804	0.598611	0.643063	-1.55506	0.0467181	0.150655	-6.63768	0.131586	0.258479	-3.86879	0.0890294	0.210377	-4.75337	2.32509	25.44	9.72579	1
cg02858808	CUX1;CUX1;CUX1	0.124446	0.0161425	0.589187	-1.69726	0.0640469	1.45362	1.45362	0.26884	1.22996	1.22996	0.298745	0.824004	-1.21359	0.788163	0.952748	-1.0496	0.613095	1.09598	1.09598	0.286385	1.22016	1.22016	0.841831	0.964727	-1.03656	0.438872	0.867702	-1.15247	2.32508	1.18955	0.454769	1
cg03490200	A2ML1;A2ML1	0.124446	0.718801	0.94027	-1.06352	0.733269	1.05999	1.05999	0.117912	0.748859	-1.33537	0.0130196	0.591671	-1.69013	0.107276	0.741239	-1.34909	0.116431	0.747833	-1.3372	0.192147	1.26511	1.26511	0.545562	0.901051	-1.10982	0.896219	0.978016	-1.02248	2.32508	1.06837	0.408443	1
cg01501309	CHD4	0.12445	0.108482	2.58025	2.58025	0.405104	0.630552	-1.58591	0.169559	2.20821	2.20821	0.289113	1.81435	1.81435	0.100552	2.64819	2.64819	0.533306	0.71064	-1.40718	0.0290432	4.02691	4.02691	0.0809709	2.85066	2.85066	0.103247	2.62435	2.62435	2.32505	10.7929	4.12621	1
cg05164052	HYAL2;HYAL2	0.12445	0.127572	0.781226	-1.28004	0.020076	1.52245	1.52245	0.894876	1.02001	1.02001	0.0830295	0.750066	-1.33322	0.701583	0.943939	-1.05939	0.271092	0.842238	-1.18731	0.378388	0.873343	-1.14503	0.29263	1.17775	1.17775	0.760794	1.04682	1.04682	2.32505	0.82686	0.316117	1
cg15712777	ARSB;ARSB	0.124452	0.408587	0.522541	-1.91373	0.00807032	0.073864	-13.5384	0.0145353	0.0990966	-10.0912	0.447592	0.551913	-1.81188	0.229855	0.380052	-2.63122	0.230618	0.380713	-2.62665	0.456679	0.558725	-1.78979	0.414611	0.527095	-1.89719	0.580016	0.651023	-1.53604	2.32504	21.7138	8.30144	1
cg03285963	ZC3H15	0.124452	0.441023	0.776915	-1.28714	0.0889811	1.82697	1.82697	0.7741	1.09686	1.09686	0.708876	0.88648	-1.12806	0.70141	0.883582	-1.13176	0.803331	1.08347	1.08347	0.640102	0.859599	-1.16333	0.353588	0.735912	-1.35886	0.00654239	3.11116	3.11116	2.32503	3.80084	1.45311	1
cg22285914	SP7	0.124453	0.391232	1.23047	1.23047	0.438916	1.20489	1.20489	0.131571	1.46861	1.46861	0.518598	1.16707	1.16707	0.157582	0.699929	-1.42872	0.277157	1.30583	1.30583	0.0239542	0.529427	-1.88883	0.221205	1.35473	1.35473	0.262668	1.31748	1.31748	2.32503	2.0525	0.784698	1
cg23720063	IKZF1	0.124453	0.75122	0.911059	-1.09762	0.0171359	2.34166	2.34166	0.458607	0.801703	-1.24734	0.202289	1.48328	1.48328	0.0997378	1.69609	1.69609	0.173279	1.52861	1.52861	0.168386	1.53706	1.53706	0.10881	1.66896	1.66896	0.452765	0.799309	-1.25108	2.32502	3.15828	1.20745	1
cg24805434	ZNF286B	0.124455	0.017014	1.51839	1.51839	0.0192668	1.50129	1.50129	0.966237	0.993943	-1.00609	0.816381	1.03395	1.03395	0.921953	1.01416	1.01416	0.676693	1.06204	1.06204	0.0796664	1.32204	1.32204	0.115936	1.27793	1.27793	0.951602	1.00875	1.00875	2.32501	0.758568	0.290013	1
cg19839325	KLHL26	0.124456	0.81994	0.874009	-1.14415	0.0145254	5.91996	5.91996	0.194172	2.25087	2.25087	0.93371	0.952051	-1.05036	0.0672213	0.297755	-3.35847	0.378832	1.70452	1.70452	0.273525	0.510149	-1.96021	0.478539	1.53042	1.53042	0.746074	0.825379	-1.21156	2.325	12.8463	4.91138	1
cg03796881	ZHX2;ZHX2	0.124457	0.0767295	1.54832	1.54832	0.725498	1.08143	1.08143	0.580005	1.13216	1.13216	0.203486	1.34727	1.34727	0.922387	1.02188	1.02188	0.0179202	0.527883	-1.89436	0.278799	0.778746	-1.28412	0.475193	0.851074	-1.17499	0.220861	0.751406	-1.33084	2.325	1.81597	0.694277	1
cg22905859	LOC728855	0.124457	0.525889	0.666174	-1.50111	0.611178	1.38236	1.38236	0.802357	1.17144	1.17144	0.374552	0.561489	-1.78098	0.00429816	0.0800236	-12.4963	0.876592	1.10299	1.10299	?	?	?	0.807635	1.16638	1.16638	0.838908	0.879491	-1.13702	2.47856	13.5888	4.79722	1
cg09955859	RLF	0.124458	0.623822	0.902179	-1.10843	0.0124552	1.91095	1.91095	0.844784	0.960002	-1.04166	0.0371119	0.604092	-1.65538	0.184416	0.745876	-1.3407	0.929082	0.981633	-1.01871	0.800446	0.94862	-1.05416	0.995242	0.998759	-1.00124	0.842204	0.95934	-1.04238	2.32498	1.59701	0.610568	1
cg07458509	CD320;CD320	0.12446	0.251121	0.385347	-2.59506	0.458353	0.548515	-1.8231	0.521345	1.67688	1.67688	0.843419	0.854467	-1.17032	0.121002	0.262578	-3.80839	0.20076	0.341406	-2.92906	0.0099674	0.0751614	-13.3047	0.0364574	0.144627	-6.91435	0.299945	0.425585	-2.34971	2.32497	23.2897	8.90419	1
cg02688393	COL4A2	0.12446	0.274125	1.51815	1.51815	0.251779	1.55153	1.55153	0.780453	0.902567	-1.10795	0.25077	1.55312	1.55312	0.125678	0.544451	-1.83671	0.842782	0.929737	-1.07557	0.0105063	3.25867	3.25867	0.738992	0.88455	-1.13052	0.378894	0.718064	-1.39263	2.32496	4.95615	1.89486	1
cg16492851	C7orf50;MIR339;C7orf50;C7orf50	0.124464	0.610926	1.2221	1.2221	0.00288248	4.96342	4.96342	0.190745	1.71874	1.71874	0.492258	1.31343	1.31343	0.656439	0.839444	-1.19126	0.217072	1.66145	1.66145	0.47134	1.33166	1.33166	0.427144	1.37292	1.37292	0.63658	1.20448	1.20448	2.32493	5.62679	2.15128	1
cg18790382	MRGPRD	0.124465	0.712297	0.898768	-1.11263	0.922862	0.972478	-1.0283	0.0129688	0.411258	-2.43156	0.439303	1.25519	1.25519	0.0861097	0.579003	-1.72711	0.0329213	0.487297	-2.05214	0.474211	0.810813	-1.23333	0.774418	1.08633	1.08633	0.299532	0.733587	-1.36316	2.32493	3.05729	1.16889	1
cg13798970	ANXA2;ANXA2;ANXA2;ANXA2	0.124466	0.0943076	24.6445	24.6445	0.137508	16.2272	16.2272	0.295428	6.6221	6.6221	0.303726	6.3976	6.3976	0.867335	0.747304	-1.33814	0.0631579	38.1387	38.1387	0.0083816	353.58	353.58	0.943825	0.884461	-1.13063	0.88983	0.785469	-1.27312	2.32491	111.774	42.7348	1
cg16370826	SYNGR3;SYNGR3	0.124467	0.146599	0.820988	-1.21804	0.536648	1.08243	1.08243	0.0619238	0.766344	-1.3049	0.945253	0.991344	-1.00873	0.983263	1.00266	1.00266	0.220328	1.1772	1.1772	0.0263211	0.716394	-1.39588	0.497638	0.916525	-1.09108	0.171742	1.20223	1.20223	2.32491	0.590103	0.225615	1
cg18061319	AIFM2	0.12447	0.187153	1.54361	1.54361	0.118638	1.69216	1.69216	0.729266	0.89773	-1.11392	0.353934	1.34467	1.34467	0.64789	0.866947	-1.15347	0.707591	1.12412	1.12412	0.00451982	3.23787	3.23787	0.258145	1.44251	1.44251	0.41416	1.2959	1.2959	2.32489	3.55022	1.35738	1
cg19540425	FGD4	0.12447	0.725545	0.801974	-1.24692	?	?	?	0.0626446	0.269361	-3.71248	0.035613	0.216232	-4.62467	?	?	?	0.0632005	0.27029	-3.69973	0.406889	1.701	1.701	0.799294	1.17295	1.17295	0.635806	1.34809	1.34809	2.37391	11.4636	5.51884	1
cg14455403	LMCD1	0.124471	0.0486096	0.0768929	-13.0051	0.386048	0.363498	-2.75105	0.527297	0.482189	-2.07387	0.126254	0.151989	-6.57943	0.0409786	0.0681448	-14.6746	0.0809448	0.110378	-9.05979	0.0301849	0.0548654	-18.2264	0.0868412	0.116056	-8.6165	0.0832758	0.112635	-8.87825	2.32487	47.7557	18.2589	1
cg00169184	NCOR2;NCOR2	0.124472	0.440668	1.3054	1.3054	0.0324608	2.33626	2.33626	0.0114169	2.92424	2.92424	0.180643	1.61899	1.61899	0.158848	1.66598	1.66598	0.136006	1.72374	1.72374	0.0577046	2.06962	2.06962	0.277587	1.46624	1.46624	0.394013	1.34435	1.34435	2.32486	4.22973	1.6172	1
cg09577228	GABRR2	0.124472	0.296116	0.543568	-1.83969	0.756795	1.19101	1.19101	0.238012	2.00469	2.00469	0.297746	0.544767	-1.83565	0.106489	0.370907	-2.6961	0.0699314	0.319727	-3.12767	0.016596	0.192768	-5.1876	0.528524	1.43233	1.43233	0.415722	0.626203	-1.59693	2.32486	11.6583	4.45745	1
cg08070771	ZIC4;ZIC1	0.124473	0.175069	4.95895	4.95895	0.0870134	8.15119	8.15119	0.803699	1.31851	1.31851	0.423431	0.403449	-2.47863	0.30663	0.308803	-3.23831	0.897294	0.866428	-1.15416	0.0880264	0.123675	-8.08573	0.0383135	14.368	14.368	0.34745	0.341623	-2.9272	2.32486	45.3848	17.3525	1
cg07233483	GALNT10;GALNT10	0.124477	0.0786997	0.377766	-2.64714	0.0130499	0.215406	-4.64239	0.0340278	0.291285	-3.43307	0.571999	0.752254	-1.32934	0.0742503	0.370981	-2.69556	0.429524	0.668964	-1.49485	0.817867	0.89137	-1.12187	0.755834	1.16824	1.16824	0.667613	0.806246	-1.24032	2.32483	9.15057	3.49869	1
cg15075267	NOTCH3	0.124477	0.0917919	1.44784	1.44784	0.845569	1.03964	1.03964	0.222651	0.774539	-1.29109	0.959867	0.990018	-1.01008	0.229336	1.28592	1.28592	0.290631	1.24437	1.24437	0.0627921	0.658778	-1.51796	0.692336	0.923775	-1.08251	0.0388656	1.61088	1.61088	2.32482	1.46341	0.559532	1
cg00632374	CHST7	0.124479	0.0233848	0.132927	-7.52292	0.259164	0.416045	-2.40359	0.715626	0.761424	-1.31333	0.261372	2.39304	2.39304	0.888449	0.900727	-1.11021	0.0177581	0.11678	-8.56309	0.912646	1.08518	1.08518	0.600681	1.48207	1.48207	0.637898	1.42354	1.42354	2.32481	20.4335	7.81276	1
cg02669055	IDO2	0.124481	0.0311615	0.329431	-3.03554	0.368398	0.66656	-1.50024	0.13584	0.493772	-2.02522	0.706464	0.846952	-1.1807	0.049696	0.374201	-2.67236	0.415242	0.693768	-1.4414	0.0297457	0.32526	-3.07447	0.271086	0.604679	-1.65377	0.0337799	0.336786	-2.96924	2.32479	7.09744	2.71372	1
cg27081585	RIC8B	0.124481	0.0796309	0.299815	-3.33539	0.0159803	0.160974	-6.21219	0.133012	0.36655	-2.72814	0.926578	1.05873	1.05873	0.0577626	0.264886	-3.77521	0.264024	0.48631	-2.0563	0.158166	0.392888	-2.54525	0.435687	1.6363	1.6363	0.798475	0.853489	-1.17166	2.32479	14.117	5.39768	1
cg04919579	RNF168;RNF168	0.124481	0.580285	0.886624	-1.12787	0.288466	0.788663	-1.26797	0.632248	1.10947	1.10947	0.438073	1.1858	1.1858	0.347057	1.23196	1.23196	0.00755085	0.476867	-2.09702	0.905134	1.02602	1.02602	0.184281	1.35449	1.35449	0.456695	1.1774	1.1774	2.32479	1.70905	0.653461	1
cg17339956	C3orf77	0.124482	0.117676	0.658904	-1.51767	0.134816	1.4856	1.4856	0.0656764	1.66053	1.66053	0.211513	0.723855	-1.38149	0.584109	0.873087	-1.14536	0.541483	1.16387	1.16387	0.0598744	1.68415	1.68415	0.60617	0.880134	-1.13619	0.369548	0.797515	-1.2539	2.32478	2.21944	0.848612	1
cg09143964	FAM196B;DOCK2	0.124482	0.0571621	0.357506	-2.79716	0.301043	0.599173	-1.66897	0.0297361	0.29439	-3.39686	0.038315	0.31747	-3.14991	0.0851719	0.402625	-2.4837	0.328672	0.617609	-1.61915	0.826231	0.900238	-1.11082	0.0956889	0.416951	-2.39836	0.0595569	0.361891	-2.76326	2.32478	8.41236	3.2165	1
cg02242919	PGP	0.12449	0.617547	0.919903	-1.08707	0.0234912	1.56637	1.56637	0.470692	1.12941	1.12941	0.200846	1.25114	1.25114	0.16909	0.784295	-1.27503	0.615488	0.919446	-1.08761	0.558848	1.103	1.103	0.150054	0.774224	-1.29162	0.133437	0.764556	-1.30795	2.32471	1.01262	0.387191	1
cg23595342	ASAP3;ASAP3	0.124495	0.161991	0.791964	-1.26268	0.327902	0.854065	-1.17087	0.858862	1.02819	1.02819	0.0661988	0.724784	-1.37972	0.0315355	0.674428	-1.48274	0.950913	1.00966	1.00966	0.0625089	1.38744	1.38744	0.53853	1.10216	1.10216	0.918685	0.984175	-1.01608	2.32467	0.898342	0.3435	1
cg16004056	CNIH3	0.124495	0.0365898	0.202008	-4.95031	0.359747	0.537929	-1.85898	0.473795	0.618964	-1.6156	0.050164	0.229839	-4.35087	0.0582643	0.24435	-4.0925	0.138969	0.350395	-2.85392	0.988842	1.00925	1.00925	0.0305713	0.187651	-5.32905	0.0943934	0.297981	-3.35592	2.32467	15.9633	6.10392	1
cg25500080	PCDHAC2;PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA6;PCDHA1;PCDHA	0.1245	0.855289	0.963994	-1.03735	0.458221	0.859224	-1.16384	0.0355526	1.63479	1.63479	0.131161	1.38733	1.38733	0.0641134	1.5188	1.5188	0.0808156	1.47537	1.47537	0.250938	0.785876	-1.27247	0.575931	0.892694	-1.1202	0.38307	1.19682	1.19682	2.32463	1.4855	0.568022	1
cg09055489	MRPS10	0.124501	0.0619501	1.61617	1.61617	0.432024	1.20099	1.20099	0.139134	0.695191	-1.43845	0.978911	0.993981	-1.00606	0.49585	1.17109	1.17109	0.680983	1.09901	1.09901	0.0102684	2.09346	2.09346	0.75054	0.929742	-1.07557	0.662099	0.904445	-1.10565	2.32462	1.92046	0.734345	1
cg00044871	ATP8A2	0.124502	0.950875	0.967811	-1.03326	0.221914	1.97732	1.97732	0.00501119	7.18364	7.18364	0.944557	1.03762	1.03762	0.0478949	3.32375	3.32375	0.403843	1.574	1.574	0.445528	1.51131	1.51131	0.545003	1.38446	1.38446	0.17431	2.15416	2.15416	2.32461	10.3825	3.97007	1
cg09579323	TARS2	0.124503	0.888026	1.02424	1.02424	0.566734	1.10347	1.10347	0.30691	0.835392	-1.19704	0.659656	1.07827	1.07827	0.137857	1.31218	1.31218	0.0286919	0.644807	-1.55085	0.0429895	0.673011	-1.48586	0.2176	0.802075	-1.24677	0.486445	1.12777	1.12777	2.3246	1.06446	0.407032	1
cg22059812	HTR6	0.124504	0.0759624	4.88165	4.88165	0.072012	5.01404	5.01404	0.183222	3.10722	3.10722	0.177037	3.16436	3.16436	0.34329	2.18978	2.18978	0.0946971	4.36905	4.36905	0.326634	2.25473	2.25473	0.0209742	9.29728	9.29728	0.0258609	8.3646	8.3646	2.3246	23.7295	9.0738	1
cg27149388	AMIGO2;AMIGO2	0.124505	0.0709621	1.35865	1.35865	0.793177	1.04073	1.04073	0.0560215	1.38935	1.38935	0.730537	1.05393	1.05393	0.543637	0.910837	-1.09789	0.144764	0.788238	-1.26865	0.219552	0.821896	-1.2167	0.170393	1.24834	1.24834	0.0983244	1.31711	1.31711	2.32459	0.849773	0.324941	1
cg25395559	ITGB8	0.124505	0.0798537	0.676425	-1.47836	0.647946	0.911678	-1.09688	0.0790851	1.48016	1.48016	0.122025	0.713832	-1.40089	0.554341	0.886658	-1.12783	0.0557397	0.646634	-1.54647	0.0519598	0.640986	-1.5601	0.337473	0.819638	-1.22005	0.537381	0.881955	-1.13384	2.32459	1.48941	0.569529	1
cg24824725	TCTN3;TCTN3	0.124506	0.154709	0.640534	-1.5612	0.927728	1.02689	1.02689	0.0376353	2.02437	2.02437	0.284121	0.722224	-1.38461	0.575893	1.17973	1.17973	0.83204	0.939777	-1.06408	0.0335389	2.06728	2.06728	0.271903	0.715715	-1.3972	0.38249	1.29943	1.29943	2.32457	3.14884	1.20408	1
cg13061570	C1orf86;C1orf86	0.124508	0.878733	0.934734	-1.06982	0.0590666	2.56579	2.56579	0.565049	1.29319	1.29319	0.286195	0.612866	-1.63168	0.0314681	0.327818	-3.05047	0.2911	0.61614	-1.62301	0.852911	0.92123	-1.08551	0.0468656	0.365755	-2.73407	0.944344	0.969608	-1.03134	2.32456	7.19431	2.75103	1
cg07108579	SATB1;SATB1	0.124511	0.0351845	9.31919	9.31919	0.466139	0.509297	-1.96349	0.70275	1.4174	1.4174	0.0632573	6.68904	6.68904	0.244401	3.02807	3.02807	0.392247	2.2198	2.2198	0.349126	2.40344	2.40344	0.0341249	9.48201	9.48201	0.0440615	8.20579	8.20579	2.32454	30.4722	11.6524	1
cg14596108	FAM19A5;FAM19A5	0.124513	0.197744	0.59649	-1.67647	0.0348211	0.393143	-2.5436	0.147459	0.554385	-1.8038	0.806514	0.911074	-1.09761	0.0654806	0.456285	-2.19161	0.11113	0.517532	-1.93225	0.216534	1.63809	1.63809	0.656065	1.18544	1.18544	0.108502	0.51456	-1.94341	2.32452	5.30275	2.02776	1
cg22996031	RAD9A	0.124513	0.265968	1.27323	1.27323	0.0196434	1.79932	1.79932	0.978572	0.994419	-1.00561	0.143747	1.38729	1.38729	0.0712277	0.657097	-1.52184	0.97785	1.0058	1.0058	0.185501	1.33988	1.33988	0.153858	1.37461	1.37461	0.587313	1.12098	1.12098	2.32451	1.59884	0.611392	1
cg22608170	MAPK4	0.124514	0.441765	1.19182	1.19182	0.972366	1.00778	1.00778	0.702165	1.08976	1.08976	0.29776	1.27314	1.27314	0.074589	0.641226	-1.55951	0.917414	1.02348	1.02348	0.922237	0.978393	-1.02208	0.0150021	1.95221	1.95221	0.0605626	1.60544	1.60544	2.32451	1.84267	0.704637	1
cg02535342	C2orf42	0.124516	0.348641	1.28373	1.28373	0.0658173	1.70634	1.70634	0.0474781	1.79838	1.79838	0.930587	1.02281	1.02281	0.0786041	0.603094	-1.65812	0.86001	0.955332	-1.04676	0.0974382	0.624509	-1.60126	0.725286	1.09563	1.09563	0.679237	0.897954	-1.11364	2.32449	2.46688	0.943339	1
cg07121721	NLRP1	0.124516	0.0376621	0.13481	-7.41784	0.170848	0.297601	-3.3602	0.428558	0.510837	-1.95757	0.176523	0.302969	-3.30067	0.0139912	0.0802765	-12.457	0.106295	0.230874	-4.33136	0.0865277	0.207296	-4.82402	0.0792895	0.198082	-5.04842	0.234622	0.355075	-2.8163	2.32449	25.4298	9.7244	1
cg00070460	CTBP1;CTBP1	0.124521	0.310234	1.49784	1.49784	0.105664	1.97411	1.97411	0.0328452	2.61309	2.61309	0.413846	1.3791	1.3791	0.19581	0.590735	-1.69281	0.616185	1.21467	1.21467	0.104471	0.505157	-1.97958	0.120038	1.91352	1.91352	0.744332	1.13419	1.13419	2.32445	5.45072	2.0844	1
cg23166857	TNFRSF4	0.124523	0.179729	0.578073	-1.72989	0.0612235	0.444289	-2.25079	0.0322687	0.381219	-2.62317	0.959117	0.980476	-1.01991	0.146933	0.549513	-1.81979	0.18737	0.584236	-1.71164	0.950783	0.976538	-1.02403	0.290579	0.655828	-1.52479	0.0146506	0.314767	-3.17695	2.32443	5.4462	2.08269	1
cg08458745	ETS1	0.124524	0.0314768	0.256146	-3.90403	0.00871872	0.164588	-6.07577	0.0634371	0.324063	-3.08582	0.470507	0.672775	-1.48638	0.173183	0.457271	-2.18689	0.279148	0.544729	-1.83578	0.231535	0.507892	-1.96892	0.311436	0.568152	-1.76009	0.559289	0.727037	-1.37545	2.32442	10.7301	4.10332	1
cg07080864	PENK;PENK	0.124528	0.0105743	0.320778	-3.11742	0.128138	1.7888	1.7888	0.577584	1.22009	1.22009	0.599491	0.829149	-1.20606	0.274126	0.668744	-1.49534	0.103788	0.533149	-1.87565	0.723185	1.13399	1.13399	0.599311	0.829071	-1.20617	0.684812	1.15522	1.15522	2.32439	4.60216	1.75995	1
cg25064029	ALPK1;ALPK1	0.124528	0.0183898	0.0943001	-10.6044	0.384586	0.479076	-2.08735	0.0828548	0.20487	-4.88113	0.773419	0.787973	-1.26908	0.0179632	0.0931485	-10.7355	0.499407	0.567806	-1.76117	0.343787	0.447073	-2.23677	0.20063	0.327642	-3.05211	0.0694174	0.187007	-5.3474	2.32439	25.0851	9.59299	1
cg23605328	RNPEP	0.124529	0.428484	0.895155	-1.11712	0.309661	1.15494	1.15494	0.33083	0.871546	-1.14739	0.0350332	0.71424	-1.40009	0.674796	1.05952	1.05952	0.953134	1.00809	1.00809	0.774683	0.961438	-1.04011	0.0758023	1.31098	1.31098	0.0538385	1.3498	1.3498	2.32438	0.691149	0.264308	1
cg08230215	MAST3	0.12453	0.0382564	0.197512	-5.06297	0.486293	0.620141	-1.61254	0.523252	0.645993	-1.54801	0.338087	0.513243	-1.94839	0.167347	0.370036	-2.70244	0.690228	0.762934	-1.31073	0.00457243	0.0780559	-12.8113	0.65683	0.739317	-1.3526	0.314622	0.495413	-2.01852	2.32437	16.7945	6.42255	1
cg18484008	MGAT4B;MGAT4B	0.124532	0.766558	0.877872	-1.13912	0.00799246	4.42508	4.42508	0.0274945	3.12899	3.12899	0.632319	1.23479	1.23479	0.855452	0.923319	-1.08305	0.545745	1.3067	1.3067	0.126538	2.06085	2.06085	0.760915	1.14285	1.14285	0.41001	1.44574	1.44574	2.32435	7.04638	2.69471	1
cg20630812	CNBD1	0.124536	0.43069	0.893199	-1.11957	0.942391	1.0102	1.0102	0.204706	0.828678	-1.20674	0.984922	1.00266	1.00266	0.0100143	0.633465	-1.57862	0.839695	0.971959	-1.02885	0.0515742	1.365	1.365	0.681521	1.05966	1.05966	0.71231	0.949319	-1.05339	2.32433	0.725896	0.277603	1
cg08597797	ZNF761	0.124536	0.151061	1.50165	1.50165	0.441802	0.812827	-1.23027	0.669048	1.12033	1.12033	0.442068	0.812929	-1.23012	0.743004	1.09083	1.09083	0.529737	0.845175	-1.18319	0.010144	2.35574	2.35574	0.0728249	1.69686	1.69686	0.299975	1.32819	1.32819	2.32432	2.57014	0.982896	1
cg25004270	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.124537	0.535096	1.1101	1.1101	0.0260199	0.644484	-1.55163	0.0441751	0.680821	-1.46882	0.162299	1.28158	1.28158	0.330376	0.846181	-1.18178	0.427932	0.874079	-1.14406	0.14205	0.769138	-1.30016	0.2243	0.808746	-1.23648	0.344508	0.850514	-1.17576	2.32431	1.01793	0.389287	1
cg05884167	CRHBP	0.124538	0.243849	0.667886	-1.49726	0.00756127	0.320625	-3.11891	0.35856	0.731603	-1.36686	0.548723	0.818024	-1.22246	0.276406	0.687448	-1.45466	0.0599357	0.495298	-2.01899	0.408334	1.32307	1.32307	0.121	0.573158	-1.74472	0.426618	0.764366	-1.30827	2.32431	4.0338	1.54265	1
cg13934560	ZNF644;ZNF644;ZNF644	0.124541	0.446734	0.723474	-1.38222	0.666698	1.19823	1.19823	0.514007	1.31815	1.31815	0.32834	1.52364	1.52364	0.0925183	0.461761	-2.16562	0.214674	0.579726	-1.72495	0.853412	0.925706	-1.08026	0.0116217	3.7307	3.7307	0.564086	0.783976	-1.27555	2.32428	6.41278	2.45248	1
cg15690822	RFFL;RFFL	0.124541	0.575523	1.25094	1.25094	0.394278	1.41246	1.41246	0.8856	1.05863	1.05863	0.751615	1.13391	1.13391	0.568914	0.796235	-1.25591	0.0461749	2.46977	2.46977	0.0225203	2.94894	2.94894	0.0234255	2.92015	2.92015	0.151748	1.83637	1.83637	2.32428	5.7659	2.20509	1
cg03540165	RASAL1	0.124544	?	?	?	0.00694035	19.6371	19.6371	0.0694948	5.64377	5.64377	0.998902	0.998828	-1.00117	0.48884	0.549187	-1.82087	0.570716	1.62969	1.62969	0.323333	2.38561	2.38561	0.723128	1.35418	1.35418	0.293975	2.5289	2.5289	2.34621	23.9951	10.2272	1
cg24927890	SYNPO	0.124546	0.12163	0.355812	-2.81047	0.00639513	0.112496	-8.88924	0.0829757	0.306637	-3.26118	0.615653	0.732205	-1.36574	0.0961285	0.324591	-3.0808	0.207192	0.440833	-2.26843	0.252861	0.479301	-2.08637	0.340406	0.546067	-1.83128	0.894005	1.08555	1.08555	2.32424	13.9584	5.3383	1
cg24201296	STARD3;STARD3;STARD3;STARD3;STARD3;STARD3	0.124548	0.114965	0.647117	-1.54532	0.931341	1.02212	1.02212	0.607318	0.87667	-1.14068	0.0589932	0.581903	-1.7185	0.758872	0.924796	-1.08132	0.0112421	0.446438	-2.23995	0.197106	0.707336	-1.41376	0.309794	1.30588	1.30588	0.740778	1.08796	1.08796	2.32422	2.37346	0.90772	1
cg21376004	NFE2;NFE2	0.124548	0.0403015	0.341712	-2.92644	0.951423	1.028	1.028	0.752398	0.866359	-1.15426	0.234086	0.56813	-1.76016	0.00787107	0.213213	-4.69015	0.184667	0.528489	-1.89219	0.0932504	0.433049	-2.30921	0.685882	0.831685	-1.20238	0.256357	0.584488	-1.7109	2.32422	7.56283	2.89237	1
cg20419724	CCDC104	0.124549	0.0326569	0.472981	-2.11425	0.0728864	1.82065	1.82065	0.0453143	1.98912	1.98912	0.502979	1.22579	1.22579	0.728992	1.10979	1.10979	0.876956	1.0475	1.0475	0.338191	1.34406	1.34406	0.709825	0.894097	-1.11845	0.204723	1.493	1.493	2.32422	3.30183	1.26278	1
cg09134668	COL23A1	0.12455	0.216461	0.58838	-1.69958	0.113351	0.49529	-2.01902	0.00532573	0.223746	-4.46935	0.410988	0.709759	-1.40893	0.36832	0.686047	-1.45763	0.835359	0.918636	-1.08857	0.149275	0.532276	-1.87873	0.713243	1.16244	1.16244	0.124043	0.507027	-1.97228	2.3242	6.12117	2.34103	1
cg21007190	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.124557	0.220628	1.27618	1.27618	0.171405	0.758986	-1.31755	0.75824	0.943208	-1.06021	0.0788055	1.44724	1.44724	0.0264509	1.64603	1.64603	0.569087	1.11515	1.11515	0.152864	0.748309	-1.33635	0.428621	0.858097	-1.16537	0.891207	0.974416	-1.02626	2.32415	1.32022	0.504927	1
cg17157436	KCNN3;KCNN3	0.124557	0.0313931	0.64699	-1.54562	0.412817	1.15536	1.15536	0.830776	1.0376	1.0376	0.414204	0.865915	-1.15485	0.677166	1.07489	1.07489	0.907768	1.02019	1.02019	0.0485362	1.47505	1.47505	0.163813	0.773923	-1.29212	0.123013	0.749614	-1.33402	2.32415	1.09508	0.418821	1
cg24927124	RPP21;RPP21	0.124558	0.00546772	0.237976	-4.2021	0.131207	1.89701	1.89701	0.698262	1.1654	1.1654	0.90633	1.04734	1.04734	0.378013	1.42673	1.42673	0.69335	1.16849	1.16849	0.934056	0.968008	-1.03305	0.555254	0.791016	-1.2642	0.593641	0.809286	-1.23566	2.32414	5.6824	2.17329	1
cg05506365	POU3F3	0.124559	0.164419	1.3279	1.3279	0.440175	1.16241	1.16241	0.577894	1.11345	1.11345	0.241044	1.26444	1.26444	0.157421	1.33513	1.33513	0.0643073	1.48794	1.48794	0.331399	0.82565	-1.21117	0.251036	1.25769	1.25769	0.00927606	1.87974	1.87974	2.32413	1.34528	0.51452	1
cg01442833	UNG;UNG	0.124563	0.06573	0.605773	-1.65078	0.420334	1.2212	1.2212	0.0792554	1.60467	1.60467	0.270357	0.756863	-1.32124	0.17884	1.41433	1.41433	0.175617	0.704992	-1.41846	0.486582	1.18719	1.18719	0.592727	1.14003	1.14003	0.107509	1.53168	1.53168	2.3241	2.16863	0.829429	1
cg21637761	CYTSB;CYTSB;CYTSB;CYTSB	0.124564	0.0275516	0.323894	-3.08743	0.0554706	2.55738	2.55738	0.322913	1.55534	1.55534	0.583158	0.786824	-1.27093	0.661985	0.826711	-1.20961	0.980851	0.989671	-1.01044	0.209395	0.564206	-1.7724	0.121411	2.06769	2.06769	0.785026	0.888446	-1.12556	2.32409	6.88822	2.63452	1
cg01763602	CUX1;CUX1;CUX1	0.124564	0.558255	0.826599	-1.20978	0.0752517	1.89101	1.89101	0.0238207	2.38111	2.38111	0.450919	1.28027	1.28027	0.224669	0.663494	-1.50717	0.826122	0.931679	-1.07333	0.477394	0.792657	-1.26158	0.934666	1.02672	1.02672	0.0942208	0.553332	-1.80723	2.32409	3.80822	1.45652	1
cg02071076	STOX2;STOX2	0.12457	0.214216	0.800667	-1.24896	0.0284837	1.55192	1.55192	0.413712	1.15264	1.15264	0.986006	0.997023	-1.00299	0.232378	1.23728	1.23728	0.694648	1.06937	1.06937	0.0611872	0.698623	-1.43139	0.381736	0.858549	-1.16476	0.197289	1.26075	1.26075	2.32403	1.06378	0.40687	1
cg15532942	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.124573	0.0458409	0.174908	-5.71728	0.081598	0.229891	-4.34989	0.146613	0.305214	-3.27639	0.235788	0.388156	-2.57629	0.0766481	0.22314	-4.4815	0.0822178	0.230722	-4.33423	0.0235104	0.127364	-7.85154	0.1746	0.332913	-3.00379	0.0767485	0.223279	-4.4787	2.32401	21.3544	8.16763	1
cg02947670	EFCAB5	0.124574	0.118134	0.345233	-2.89659	0.0756696	0.289555	-3.45357	0.470345	0.631063	-1.58463	0.112726	0.338843	-2.95122	0.0120729	0.140601	-7.11233	0.131131	0.35998	-2.77793	0.0675015	0.276911	-3.61127	0.0820198	0.298846	-3.34621	0.322107	0.526687	-1.89866	2.324	14.4619	5.5314	1
cg16266268	MIR519B;MIR526B	0.124577	0.272258	0.511991	-1.95316	0.335889	0.559168	-1.78837	0.0441672	0.258089	-3.87463	0.168075	0.422918	-2.36453	0.00713261	0.130585	-7.65787	0.450357	0.637268	-1.5692	0.763908	1.19299	1.19299	0.459275	0.643123	-1.55491	0.109293	0.359547	-2.78128	2.32398	12.6312	4.83127	1
cg22974952	FAM66B	0.12458	0.332341	1.41985	1.41985	0.0533423	0.463309	-2.15839	0.344539	0.710861	-1.40674	0.744315	1.12155	1.12155	0.96448	0.984512	-1.01573	0.0912104	0.520964	-1.91952	0.491423	0.782734	-1.27757	0.204442	1.59903	1.59903	0.0480512	2.20802	2.20802	2.32395	4.52228	1.72973	1
cg17151058	C1orf9;C1orf9	0.12458	0.805866	0.944457	-1.05881	0.180544	1.39095	1.39095	0.101042	1.51704	1.51704	0.0981398	0.656371	-1.52353	0.324268	0.789582	-1.26649	0.0959075	0.654166	-1.52866	0.0815734	0.638919	-1.56514	0.668541	1.10512	1.10512	0.186257	0.722381	-1.38431	2.32395	1.98234	0.758229	1
cg00362906	MLL	0.124583	0.821589	1.02625	1.02625	0.0140528	0.706231	-1.41597	0.0355628	1.32403	1.32403	0.493658	0.923355	-1.08301	0.570407	1.068	1.068	0.43259	0.912223	-1.09622	0.884881	0.983518	-1.01676	0.277001	0.87836	-1.13849	0.654912	0.949703	-1.05296	2.32392	0.484338	0.185257	1
cg25203256	RABGEF1	0.124586	0.086427	0.360328	-2.77525	0.773369	0.864417	-1.15685	0.932012	1.04393	1.04393	0.923869	1.04933	1.04933	0.775589	0.865697	-1.15514	0.00948726	0.141124	-7.08598	0.582322	1.32528	1.32528	0.0591963	0.311663	-3.20859	0.456777	0.679529	-1.47161	2.92952	10.8044	2.04894	1
cg05356754	MDP1	0.124592	0.0749678	0.415299	-2.4079	0.289423	1.62786	1.62786	0.931608	0.962678	-1.03877	0.967302	1.01833	1.01833	0.161771	0.515793	-1.93876	0.453344	1.40283	1.40283	0.281	1.64301	1.64301	0.967495	0.982105	-1.01822	0.0140903	0.261116	-3.82972	2.32385	7.22689	2.76434	1
cg04787602	C1orf183;C1orf183	0.124593	0.52812	1.06505	1.06505	0.732009	1.03447	1.03447	0.453255	1.07824	1.07824	0.477196	1.07386	1.07386	0.578092	0.946111	-1.05696	0.846473	0.981069	-1.0193	0.0066273	0.706473	-1.41548	0.210855	0.878108	-1.13881	0.121181	0.84731	-1.18021	2.32384	0.357792	0.136858	1
cg10537192	COL11A2;COL11A2;COL11A2	0.124593	0.174531	0.562978	-1.77627	0.119216	0.510368	-1.95937	0.0167136	0.31285	-3.19642	0.0870464	0.471575	-2.12055	0.668206	0.842383	-1.18711	0.0442834	0.398885	-2.50699	0.0434818	0.397089	-2.51832	0.198088	0.582105	-1.7179	0.345878	0.67966	-1.47132	2.32384	5.8239	2.22769	1
cg25306579	INPP5A	0.124597	0.464873	0.8555	-1.16891	0.0527444	0.629989	-1.58733	0.484045	1.16093	1.16093	0.391455	1.20229	1.20229	0.0254282	0.572734	-1.74601	0.107558	1.44557	1.44557	0.943568	1.01496	1.01496	0.544341	1.13741	1.13741	0.477423	1.16366	1.16366	2.32381	1.6203	0.619787	1
cg14843670	PCNXL2	0.124603	0.861734	0.973686	-1.02702	0.126395	0.776518	-1.2878	0.117576	0.771053	-1.29693	0.229263	1.21286	1.21286	0.575229	0.917041	-1.09046	0.248979	1.2024	1.2024	0.0255619	1.50052	1.50052	0.442191	0.88704	-1.12734	0.322148	0.855177	-1.16935	2.32375	0.861136	0.329404	1
cg21548131	NLGN1	0.124605	0.191498	0.384798	-2.59876	0.00739696	0.0922493	-10.8402	0.0538441	0.220502	-4.53511	0.652362	1.36777	1.36777	0.101521	0.289912	-3.44933	0.300543	0.47669	-2.0978	0.22867	0.417891	-2.39297	0.472704	0.603851	-1.65604	0.664377	0.739713	-1.35188	2.32374	17.5541	6.7149	1
cg08207871	UNC84A;UNC84A	0.124607	0.160129	1.34956	1.34956	0.196733	0.76137	-1.31342	0.242506	0.783229	-1.27677	0.133672	1.38145	1.38145	0.556556	1.12613	1.12613	0.242875	1.2765	1.2765	0.0217279	1.73384	1.73384	0.407385	0.844263	-1.18447	0.712776	0.928802	-1.07666	2.32372	1.46849	0.56174	1
cg20608966	ZNF516	0.124608	0.699875	0.86742	-1.15284	0.0273952	0.383579	-2.60703	0.0596031	0.458119	-2.18284	0.566658	1.23698	1.23698	0.961884	1.0177	1.0177	0.269612	0.655649	-1.52521	0.0505749	2.26617	2.26617	0.462717	0.759958	-1.31586	0.652728	0.846774	-1.18095	2.32371	4.96207	1.89814	1
cg24438779	USP14;USP14;USP14;USP14	0.124612	0.173436	1.43589	1.43589	0.437947	1.21851	1.21851	0.145913	1.4769	1.4769	0.308968	0.768739	-1.30083	0.139869	0.672488	-1.48701	0.0216503	0.502215	-1.99118	0.716908	0.913058	-1.09522	0.753305	0.924269	-1.08194	0.303582	1.30494	1.30494	2.32368	2.2961	0.878338	1
cg07142131	HSPG2	0.12462	0.931768	1.02149	1.02149	0.0199026	2.00931	2.00931	0.0261805	0.51946	-1.92508	0.47833	0.836132	-1.19598	0.364781	0.793567	-1.26013	0.452124	1.20948	1.20948	0.664778	1.11432	1.11432	0.907639	1.02924	1.02924	0.418153	0.814309	-1.22804	2.32361	2.26861	0.867849	1
cg02783318	PHLDB3;PHLDB3	0.124626	0.16456	1.2292	1.2292	0.055774	1.35202	1.35202	0.0806218	1.30951	1.30951	0.279808	1.16924	1.16924	0.615807	1.07295	1.07295	0.282347	1.16821	1.16821	0.20112	0.828706	-1.2067	0.0780405	0.761482	-1.31323	0.54629	1.08869	1.08869	2.32356	0.712718	0.272654	1
cg12465710	UTF1	0.124627	0.0326872	5.22578	5.22578	0.139594	2.86287	2.86287	0.625743	1.38433	1.38433	0.219224	2.35106	2.35106	0.0601516	4.06666	4.06666	0.125698	2.9933	2.9933	0.299237	2.03773	2.03773	0.0144894	7.33819	7.33819	0.132863	2.92375	2.92375	2.32355	16.1095	6.16276	1
cg02931353	PCSK2	0.124627	0.213745	1.2937	1.2937	0.0974798	0.699299	-1.43	0.462988	1.15829	1.15829	0.964788	1.00872	1.00872	0.103529	1.41935	1.41935	0.0757524	1.47519	1.47519	0.0350068	1.62124	1.62124	0.191736	1.31237	1.31237	0.203649	1.30201	1.30201	2.32355	1.42373	0.544658	1
cg10388430	ADD3;ADD3;ADD3	0.124629	0.0310629	0.606209	-1.6496	0.782092	0.946644	-1.05636	0.490503	0.87066	-1.14855	0.832581	1.04275	1.04275	0.357307	1.20588	1.20588	0.220373	0.775064	-1.29022	0.0237918	1.70496	1.70496	0.378203	1.19578	1.19578	0.920076	0.980348	-1.02005	2.32354	1.43913	0.550553	1
cg17412258	DLK1	0.124632	0.530266	1.86254	1.86254	0.349325	2.57231	2.57231	0.775968	1.32137	1.32137	?	?	?	?	?	?	0.038668	10.945	10.945	0.223657	0.284304	-3.51737	0.0228571	15.4224	15.4224	0.730857	1.40119	1.40119	2.50247	28.7649	11.4946	1
cg10251328	IGF2BP1;IGF2BP1	0.124632	0.484587	0.886847	-1.12759	0.0225009	1.58735	1.58735	0.811052	1.04132	1.04132	0.522245	0.896149	-1.11589	0.719202	0.940787	-1.06294	0.663187	1.0769	1.0769	0.150746	0.77077	-1.2974	0.0446161	1.47673	1.47673	0.271065	0.823886	-1.21376	2.32351	1.05184	0.402395	1
cg25809410	VARS2;VARS2;VARS2	0.124632	0.71754	0.872575	-1.14603	0.139543	1.81589	1.81589	0.703397	0.866295	-1.15434	0.783069	1.10911	1.10911	0.988699	0.9947	-1.00533	0.353112	1.43117	1.43117	0.00702149	0.270415	-3.69802	0.34786	0.695826	-1.43714	0.352383	1.432	1.432	2.32351	5.18066	1.98193	1
cg15910685	RBM26	0.124634	0.0616075	0.666063	-1.50136	0.633322	1.09721	1.09721	0.948969	0.987722	-1.01243	0.951174	1.01189	1.01189	0.0897192	0.696934	-1.43486	0.212736	0.776229	-1.28828	0.124411	0.725341	-1.37866	0.0490527	1.54295	1.54295	0.437787	1.16506	1.16506	2.32349	1.37096	0.524483	1
cg23119463	INPP5A	0.124636	0.117298	0.749189	-1.33478	0.297936	0.832646	-1.20099	0.0461459	0.678526	-1.47378	0.634871	0.922008	-1.08459	0.284884	0.828159	-1.2075	0.528319	1.11454	1.11454	0.0391237	1.49966	1.49966	0.93699	0.986669	-1.01351	0.152435	0.770918	-1.29716	2.32347	1.06022	0.405607	1
cg06161697	SDCCAG8	0.124638	0.864786	1.1146	1.1146	0.00704853	9.18117	9.18117	0.0271478	5.28456	5.28456	0.518114	1.51751	1.51751	0.642548	1.34654	1.34654	0.501472	1.54387	1.54387	0.181491	2.46686	2.46686	0.898042	1.08503	1.08503	0.65187	0.748929	-1.33524	2.32346	14.9116	5.70477	1
cg08163494	CSH1;CSH1;CSH1	0.124639	0.976754	1.01617	1.01617	0.740006	1.20127	1.20127	0.0184976	0.207404	-4.82151	0.256365	0.520805	-1.9201	0.0155404	0.195126	-5.12489	0.346461	0.586334	-1.70551	0.185509	0.461588	-2.16644	0.108166	0.380935	-2.62512	0.41066	0.629219	-1.58927	2.32345	11.1578	4.26868	1
cg27533873	TAP2;TAP2	0.12464	0.785334	0.93012	-1.07513	0.196629	1.43654	1.43654	0.297956	1.33147	1.33147	0.843938	1.05369	1.05369	0.00625014	0.38848	-2.57413	0.259784	0.732046	-1.36603	0.459099	1.22142	1.22142	0.894117	1.03596	1.03596	0.894548	0.965423	-1.03582	2.32344	2.59071	0.991141	1
cg01472317	ACSF3;ACSF3;ACSF3	0.12464	0.293775	0.871139	-1.14792	0.972718	1.00433	1.00433	0.787041	1.03484	1.03484	0.850511	1.02415	1.02415	0.98058	1.00308	1.00308	0.162406	1.20759	1.20759	0.0165908	1.44778	1.44778	0.040638	0.7416	-1.34844	0.767117	0.963138	-1.03827	2.32344	0.588548	0.225164	1
cg20957193	ZNRF1	0.124643	0.223733	0.823657	-1.2141	0.743673	0.95142	-1.05106	0.0867469	1.33258	1.33258	0.636913	0.93038	-1.07483	0.259984	1.19522	1.19522	0.400816	0.877638	-1.13942	0.0100437	0.610697	-1.63747	0.779572	0.95831	-1.0435	0.961871	1.00728	1.00728	2.32342	0.847627	0.324283	1
cg15840658	APBA1;APBA1	0.124646	0.929072	0.987755	-1.0124	0.217825	1.1965	1.1965	0.310282	1.15637	1.15637	0.698869	1.05527	1.05527	0.454772	1.11111	1.11111	0.702193	0.948224	-1.0546	0.00863447	0.629157	-1.58943	0.416353	1.12182	1.12182	0.153314	1.23565	1.23565	2.32339	0.704683	0.269599	1
cg20197825	PRKDC;PRKDC	0.124649	0.911569	0.979297	-1.02114	0.395744	1.17795	1.17795	0.479312	0.873346	-1.14502	0.910741	0.979104	-1.02134	0.347618	0.833513	-1.19974	0.855197	0.966185	-1.035	0.00406248	2.0676	2.0676	0.403762	1.17455	1.17455	0.357502	1.19506	1.19506	2.32336	1.30483	0.499209	1
cg15893430	BAD;GPR137;GPR137;BAD;GPR137;GPR137	0.12465	0.266723	0.745274	-1.34179	0.814122	1.06167	1.06167	0.869661	0.959134	-1.04261	0.457678	0.825179	-1.21186	0.865964	1.04386	1.04386	0.0087684	0.428192	-2.3354	0.290171	0.7566	-1.3217	0.0823842	1.63047	1.63047	0.56988	1.15709	1.15709	2.32336	2.37538	0.908793	1
cg03888645	SLC25A17	0.124653	0.0234842	1.5793	1.5793	0.33094	0.844171	-1.18459	0.354494	0.851415	-1.17452	0.545499	1.10884	1.10884	0.850279	1.03243	1.03243	0.182613	1.26978	1.26978	0.0695135	1.40894	1.40894	0.175145	0.783882	-1.2757	0.337726	1.18163	1.18163	2.32333	1.04928	0.401448	1
cg27640150	TRIM26	0.124654	0.5302	1.30046	1.30046	0.00592978	0.22607	-4.4234	0.191335	0.564641	-1.77104	0.279331	1.59152	1.59152	0.913447	0.956073	-1.04594	0.6336	1.21946	1.21946	0.440151	1.38439	1.38439	0.4436	0.724179	-1.38087	0.577925	0.792762	-1.26141	2.32332	6.2811	2.40311	1
cg27606473	4-Mar	0.124657	0.590968	0.846942	-1.18072	0.42673	1.28209	1.28209	0.117609	1.68268	1.68268	0.475621	1.24872	1.24872	0.272862	0.705087	-1.41826	0.452875	0.791245	-1.26383	0.031041	0.460642	-2.17089	0.0348859	0.471021	-2.12305	0.880534	0.954995	-1.04713	2.3233	3.44983	1.3199	1
cg27663279	CYP2W1	0.124658	0.057188	0.143236	-6.98149	0.10134	0.197859	-5.05412	0.394745	0.455101	-2.19732	0.105047	0.201958	-4.95152	0.0173115	0.0729415	-13.7096	0.104659	0.201533	-4.96198	0.0631898	0.151491	-6.60104	0.142387	0.240693	-4.15468	0.117368	0.215215	-4.64652	2.32329	30.0138	11.4832	1
cg03109209	TP53RK;SLC13A3	0.124659	0.0139382	5.18351	5.18351	0.315447	1.75478	1.75478	0.136262	2.3862	2.3862	?	?	?	0.226536	0.502621	-1.98957	0.155354	2.27898	2.27898	0.566348	1.36894	1.36894	0.680789	0.799231	-1.2512	0.202467	2.07305	2.07305	2.34521	9.69057	4.13206	1
cg11387990	BICD1;BICD1	0.124661	0.607185	0.859318	-1.16371	0.285933	0.723235	-1.38268	0.955342	1.01651	1.01651	0.350948	0.755265	-1.32404	0.372931	0.765337	-1.30661	0.00538233	0.342526	-2.91949	0.874709	1.04722	1.04722	0.0785449	0.564789	-1.77057	0.399627	1.28673	1.28673	2.32327	3.14547	1.20347	1
cg14570632	RXRA	0.124662	0.417166	1.48816	1.48816	0.855714	0.916432	-1.09119	0.373116	1.55018	1.55018	0.284948	1.70319	1.70319	0.0100893	0.210883	-4.74197	0.882516	1.07347	1.07347	0.129242	2.19447	2.19447	0.606228	0.779351	-1.28312	0.230674	1.82735	1.82735	2.32325	8.45801	3.23608	1
cg20489744	JDP2;JDP2;JDP2;JDP2	0.124664	0.811942	1.04635	1.04635	0.240347	0.79161	-1.26325	0.114401	0.721501	-1.386	0.38556	1.18424	1.18424	0.401304	1.17739	1.17739	0.0265964	1.64805	1.64805	0.0413261	1.56419	1.56419	0.836502	0.961479	-1.04006	0.845278	1.03784	1.03784	2.32324	1.32965	0.508735	1
cg03647452	YIPF4	0.124665	0.0927529	0.619172	-1.61506	0.802408	1.06714	1.06714	0.0624234	0.580711	-1.72203	0.905643	0.969736	-1.03121	0.0121516	0.44485	-2.24795	0.487161	0.832806	-1.20076	0.156348	0.675056	-1.48136	0.220609	0.716241	-1.39618	0.0659673	0.585905	-1.70676	2.32323	2.47123	0.945515	1
cg21725158	DOT1L	0.124671	0.147556	0.50495	-1.9804	0.070307	0.410804	-2.43425	0.00917555	0.233435	-4.28385	0.942985	1.03195	1.03195	0.0980968	0.450283	-2.22083	0.113632	0.469089	-2.13179	0.249355	0.588949	-1.69794	0.950454	0.973045	-1.0277	0.194844	0.547166	-1.8276	2.32318	7.11466	2.72219	1
cg18959988	MIR141;MIR200C	0.124675	0.0424577	0.597049	-1.67491	0.988951	1.00306	1.00306	0.0402999	0.592793	-1.68693	0.0628007	1.58738	1.58738	0.362646	0.813407	-1.2294	0.439519	0.84028	-1.19008	0.183792	0.732529	-1.36513	0.907131	0.974569	-1.02609	0.241111	0.762722	-1.31109	2.32315	1.79263	0.685903	1
cg22272716	GPR137C;TXNDC16;TXNDC16	0.124679	0.0935381	1.13335	1.13335	0.0231116	1.20243	1.20243	0.610532	1.03547	1.03547	0.187625	1.09941	1.09941	0.818287	1.01574	1.01574	0.368512	0.939239	-1.06469	0.14996	0.900552	-1.11043	0.988605	1.00097	1.00097	0.0908508	1.13476	1.13476	2.32311	0.169468	0.0648433	1
cg03132729	RAP1GAP;RAP1GAP;RAP1GAP	0.124684	0.563331	0.889177	-1.12464	0.106124	0.701323	-1.42588	0.169511	1.34206	1.34206	0.0772149	1.48434	1.48434	0.378975	0.834056	-1.19896	0.824499	1.04566	1.04566	0.372962	0.832038	-1.20187	0.125342	0.716412	-1.39585	0.0801028	1.4775	1.4775	2.32307	1.487	0.56898	1
cg23445511	COG8;NIP7;COG8	0.124685	0.0665608	0.71896	-1.3909	0.314008	1.18176	1.18176	0.200152	1.24241	1.24241	0.377687	0.864873	-1.15624	0.114381	1.31708	1.31708	0.568003	1.09698	1.09698	0.0525014	0.702152	-1.42419	0.331965	1.17413	1.17413	0.424851	1.13964	1.13964	2.32306	0.946399	0.362127	1
cg27304110	SYT6	0.124685	0.436395	0.750614	-1.33224	0.0867633	1.98068	1.98068	0.0740051	2.05317	2.05317	0.351005	0.706948	-1.41453	0.122186	1.83167	1.83167	0.780135	0.90384	-1.10639	0.0433605	0.43194	-2.31514	0.634038	0.840911	-1.18919	0.778809	0.903272	-1.10709	2.32306	4.80248	1.83761	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)
cg12627844	VPS54;VPS54	0.124685	0.459304	0.762725	-1.31109	0.717353	1.13961	1.13961	0.172259
cg10197546	FBXO16	0.124687	0.279693	1.22034	1.22034	0.198876	1.27196	1.27196	0.659909
cg14293223	GFI1B;GFI1B	0.124691	0.0674561	0.16057	-6.22782	0.701511	0.709085	-1.41027	0.4163
cg25458010	GALNT9	0.124691	0.715128	1.21141	1.21141	0.0883329	2.67474	2.67474	0.485127
cg03606214	NF1P1	0.124692	0.11235	0.433617	-2.30618	0.0076298	0.190496	-5.24945	0.40447
cg24528297	TRMT61A	0.124692	0.733586	0.971046	-1.02982	0.0389406	1.22823	1.22823	0.329246
cg25652551	ZNF430	0.124693	0.261022	1.22432	1.22432	0.974235	0.99444	-1.00559	0.107171
cg15959205	TTC7B	0.124694	0.612773	0.822438	-1.2159	0.265511	1.5596	1.5596	0.0158195
cg14948290	CABP1	0.124696	0.141217	0.705616	-1.4172	0.223752	0.754524	-1.32534	0.541285
cg04207306	AK1	0.124696	0.556926	1.1349	1.1349	0.332918	0.808362	-1.23707	0.958274
cg06732006	NT5C	0.124699	0.378247	0.787743	-1.26945	0.833012	1.0573	1.0573	0.35851
cg24942285	DHX30;DHX30	0.1247	0.125484	0.421351	-2.37332	0.0923736	0.3808	-2.62605	0.489026
cg08267399	LOC731779	0.124704	0.197074	0.437178	-2.2874	0.0194863	0.180265	-5.54738	0.0528342
cg09804961	FAM190B	0.124706	0.856497	1.05232	1.05232	0.30161	1.35402	1.35402	0.0141235
cg10490227	TRIT1	0.124707	0.330006	1.18797	1.18797	0.616242	1.09045	1.09045	0.21048
cg14557787	AP2A1;AP2A1	0.124708	0.584336	0.807313	-1.23868	0.534478	1.27602	1.27602	0.0725791
cg04332619	ABAT;ABAT;ABAT	0.124708	0.992267	1.00289	1.00289	0.418228	1.27896	1.27896	0.0257828
cg09565597	BCL11A;BCL11A;BCL11A	0.124709	0.569085	0.840189	-1.19021	0.0797707	0.55527	-1.80092	0.0949162
cg23560715	IPO7	0.12471	0.639247	0.911805	-1.09673	0.619538	1.10283	1.10283	0.0803945
cg08757191	TIRAP;TIRAP	0.124711	0.390872	0.834832	-1.19785	0.913095	0.977833	-1.02267	0.0163815
cg04585378	CASR	0.124711	0.0108751	7.62931	7.62931	0.201361	2.3572	2.3572	0.676524
cg05934778	TRIM39;TRIM39	0.124713	0.584689	0.785785	-1.27261	0.56899	0.77769	-1.28586	0.155234
cg01770355	VSX2	0.124713	0.0909355	0.360551	-2.77354	0.525502	0.702975	-1.42253	0.644614
cg13807351	PPP2R5A	0.124721	0.427648	0.882879	-1.13266	0.109721	1.3076	1.3076	0.0165339
cg24435679	CLYBL	0.124721	0.83564	0.860131	-1.16261	0.690136	0.747794	-1.33727	0.640242
cg19452754	KCTD6;KCTD6	0.124721	0.60382	0.886343	-1.12823	0.0597508	0.612867	-1.63168	0.544586
cg01519877	DLL3;DLL3	0.124721	0.320403	1.14331	1.14331	0.499908	0.914546	-1.09344	0.0678461
cg10777000	NUFIP1	0.124724	0.0987998	0.309894	-3.22691	0.0277443	0.185639	-5.38679	0.129929
cg00504896	LOC642846	0.124725	0.120015	0.636366	-1.57142	0.354782	1.2906	1.2906	0.667012
cg11260904	NEUROG1	0.12473	0.54644	0.431773	-2.31603	0.301463	4.36296	4.36296	0.658767
cg26254393	CTNNBL1	0.124733	0.160544	0.557939	-1.79231	0.166454	1.77518	1.77518	0.0725041
cg16026088	TOR1B	0.124734	0.55257	1.11584	1.11584	0.355246	0.840723	-1.18945	0.196142
cg07907506	TMEM45A	0.124734	0.130619	0.396517	-2.52196	0.0229032	0.213877	-4.67558	0.210031
cg05400075	LDLRAD3	0.124734	0.0515508	0.165548	-6.04053	0.489423	1.76802	1.76802	0.435154
cg08969344	GRM4	0.124734	0.182833	0.402209	-2.48627	0.214164	2.32254	2.32254	0.377784
cg21127999	FRMD1;FRMD1;FRMD1	0.124736	0.0613278	0.31695	-3.15508	0.151578	2.31034	2.31034	0.46081
cg08900404	PRR15	0.124739	0.698614	0.862438	-1.1595	0.0125635	3.25657	3.25657	0.0915088
cg07362058	CCDC124	0.12474	0.763225	0.951586	-1.05088	0.245636	1.22074	1.22074	0.15617
cg00467160	CAB39L	0.124744	0.00534489	0.568978	-1.75754	0.99842	1.0003	1.0003	0.33305
cg21995800	WDR77	0.124744	0.138376	1.70981	1.70981	0.141042	1.70276	1.70276	0.788697
cg19048176	PPT2;PRRT1;PPT2	0.124745	0.0898144	0.46616	-2.14519	0.410376	1.41002	1.41002	0.049772
cg26673286	BAX;BAX;BAX;BAX;BAX	0.124745	0.950974	0.988828	-1.0113	0.231201	1.25793	1.25793	0.00735432
cg25687423	C6orf108;C6orf108	0.124746	0.573268	0.865215	-1.15578	0.0895545	1.60987	1.60987	0.539396
cg12969178	C20orf26;C20orf26	0.124747	0.223789	0.637596	-1.56839	0.0182227	0.364469	-2.74371	0.14409
cg24335984	HYAL2	0.124748	0.196735	0.68927	-1.45081	0.094729	1.64989	1.64989	0.994801
cg16667275	API5;API5;API5;API5	0.124751	?	?	?	0.208955	2.17331	2.17331	0.259612
cg02282200	ZNF783	0.124751	0.0421416	0.446772	-2.23828	0.65076	1.16981	1.16981	0.2833
cg16967099	KLHL14	0.124753	0.127128	0.906898	-1.10266	0.333413	1.06088	1.06088	0.795471
cg05971148	ACTB	0.124755	0.188301	0.715846	-1.39695	0.0418942	1.75472	1.75472	0.610473
cg13831216	AUTS2;AUTS2	0.124755	0.761897	1.10628	1.10628	0.100451	0.549838	-1.81872	0.0204796
cg16299665	KRTAP5-9;KRTAP5-9	0.124758	0.997078	1.00142	1.00142	0.804614	1.10097	1.10097	0.0478551
cg10332321	CAMTA1	0.124759	0.220233	0.815018	-1.22697	0.028722	0.664032	-1.50595	0.0456191
cg16702934	C22orf9;C22orf9	0.124759	0.993689	0.999002	-1.001	0.926712	0.988451	-1.01168	0.184678
cg24482544	VANGL2	0.124761	0.111676	0.392341	-2.54881	0.206773	0.487194	-2.05257	0.99555
cg06411879	NEBL	0.124762	0.997987	1.00167	1.00167	0.0081962	9.38573	9.38573	0.416568
cg21080633	SFRS8	0.124764	0.434949	1.41256	1.41256	0.0251028	0.314983	-3.17478	0.136906
cg21596530	FBXO46	0.124764	0.278085	0.508801	-1.9654	0.0488651	0.259879	-3.84794	0.235392
cg12350157	PKD1L1	0.124765	0.253569	1.61325	1.61325	0.00533649	4.35851	4.35851	0.152845
cg18570369	THSD4	0.124769	0.48928	0.969602	-1.03135	0.308786	1.04738	1.04738	0.073223
cg22184911	ARHGEF7;ARHGEF7	0.124769	0.973016	0.987275	-1.01289	0.013339	0.313278	-3.19205	0.0185616
cg16191088	ADAMTS10	0.124771	0.0509809	0.0897619	-11.1406	0.796749	0.755874	-1.32297	0.768384
cg20368283	COL21A1	0.124777	0.0412045	7.7792	7.7792	0.162618	3.66339	3.66339	0.172456
cg27514333	SMAD6;SMAD6	0.124777	0.0125014	0.506913	-1.97272	0.526099	0.868956	-1.15081	0.170544
cg24404823	ZNF496	0.124783	0.312593	0.643531	-1.55393	0.41473	0.703409	-1.42165	0.838481
cg16274678	TPM3;TPM3;NUP210L;TPM3;TPM3;NUP210L	0.124785	0.174275	0.326319	-3.06448	0.0122389	0.0890662	-11.2276	0.0420785
cg14928293	DHX35	0.124786	0.577108	0.932145	-1.07279	0.71254	1.04724	1.04724	0.108269
cg21685234	NIPAL3	0.124786	0.8473	0.914971	-1.09293	0.899319	1.06008	1.06008	0.358375
ch.6.1311487R	DST;DST;DST;DST;DST;DST;DST	0.124787	0.0173688	0.384802	-2.59874	0.24317	0.668553	-1.49577	0.140362
cg24766308	JAKMIP2	0.124789	0.0688641	0.733006	-1.36424	0.391062	1.14346	1.14346	0.434796
cg22438522	PDE6B;PDE6B;PDE6B	0.124791	0.404424	1.20575	1.20575	0.677977	0.912491	-1.0959	0.476296
ch.12.1017720	SMARCD1;SMARCD1	0.124792	0.824868	1.10297	1.10297	0.0402874	2.85117	2.85117	0.0271474
cg04466246	RNPEPL1;RNPEPL1	0.124794	0.814606	0.958946	-1.04281	0.588832	1.10229	1.10229	0.0264003
cg03790192	BANP;BANP	0.124795	0.388291	0.883901	-1.13135	0.477254	1.10612	1.10612	0.543244
cg22027897	10-Mar	0.124795	0.265169	0.606366	-1.64917	0.602878	0.797615	-1.25374	0.870191
cg13905406	DNTTIP2	0.124796	0.116072	0.552718	-1.80924	0.0182863	2.70275	2.70275	0.282467
cg11913491	POLD3	0.124797	0.406648	0.758233	-1.31886	0.382843	1.3388	1.3388	0.126662
cg07136325	PRKD1	0.124798	0.981742	1.00482	1.00482	0.998898	0.99971	-1.00029	0.0822428
cg01631215	SUCLG2	0.124798	0.309021	0.74205	-1.34762	0.644218	0.876536	-1.14085	0.0104777
cg15628959	THEM4	0.124799	0.0941349	0.560323	-1.78468	0.311479	0.719242	-1.39035	0.472325
cg22635676	SNED1	0.1248	0.331466	3.1181	3.1181	0.991024	0.987314	-1.01285	0.0954114
cg13144432	ADAMTS17	0.124803	0.994089	1.00257	1.00257	0.0031436	0.246262	-4.06072	0.23512
cg05101846	C17orf77;CD300LD	0.124804	0.245932	0.514494	-1.94366	0.0237419	0.22803	-4.38538	0.111472
cg08587415	PHIP	0.124804	0.848363	1.18888	1.18888	0.452716	1.99649	1.99649	0.390473
cg10682803	FAM38A	0.124804	0.395456	1.27489	1.27489	0.0994924	0.604199	-1.65508	0.0484407
cg00545462	DEFB132	0.124808	0.0650799	0.508309	-1.96731	0.311747	0.710433	-1.40759	0.177181
cg03510117	CYCS	0.124808	0.676592	0.921378	-1.08533	0.0660874	1.49548	1.49548	0.353561
cg06210887	MEF2D	0.124809	0.11612	0.677397	-1.47624	0.529674	0.864826	-1.1563	0.614639
cg14522047	CREB3L2	0.124813	0.29842	0.681847	-1.46661	0.331698	0.700594	-1.42736	0.10019
cg15463457	MMRN1	0.124813	0.209582	0.757039	-1.32094	0.462003	1.1707	1.1707	0.0656588
cg13431342	SSU72	0.124817	0.562132	1.14161	1.14161	0.717116	1.0857	1.0857	0.0702464
cg15420683	TMEM151B	0.124819	0.307154	1.55769	1.55769	0.00434767	4.94071	4.94071	0.694732
cg08571304	DLG5	0.124825	0.343739	0.802611	-1.24593	0.959064	0.988495	-1.01164	0.0761923
cg12181634	GNG4;GNG4;GNG4	0.124828	0.167185	0.425885	-2.34805	0.927399	1.0537	1.0537	0.0400351
cg17284865	GBAP1	0.124829	0.482641	0.73534	-1.35992	0.969321	0.983567	-1.01671	0.185897
cg10350215	PCID2;PCID2;PCID2	0.12483	0.457031	1.13125	1.13125	0.950812	1.0101	1.0101	0.6668
cg06369118	PPM1G;PPM1G	0.124833	0.0351189	0.266221	-3.75628	0.945326	0.963698	-1.03767	0.534719
cg18552940	USP30;USP30	0.124834	0.829434	0.884971	-1.12998	0.488638	1.48954	1.48954	0.167245
cg23934139	ADARB2	0.124836	0.535136	0.873575	-1.14472	0.315737	0.799929	-1.25011	0.503821
cg19480699	LRDD;LRDD;LRDD	0.124836	0.100946	0.849338	-1.17739	0.269096	1.11029	1.11029	0.415509
cg05366009	HIP1R	0.124837	0.124206	1.19736	1.19736	0.56149	0.938454	-1.06558	0.025638
cg04555097	RFX7	0.124837	0.427072	1.18879	1.18879	0.931088	1.01862	1.01862	0.584825
cg04316941	LGR6;LGR6;LGR6	0.124838	0.566401	0.804527	-1.24297	0.380432	0.713455	-1.40163	0.0115049
cg08969217	UBE2I;UBE2I;UBE2I;UBE2I	0.12484	0.632893	1.0964	1.0964	0.096859	1.41701	1.41701	0.195521
cg00927134	MEGF6	0.12484	0.376874	0.834684	-1.19806	0.301905	0.808048	-1.23755	0.800697
cg03338959	NAMPT	0.124842	0.0507258	0.54886	-1.82196	0.528719	1.18767	1.18767	0.0359013
cg24797363	DIP2B	0.124845	0.0257036	0.816491	-1.22475	0.631404	0.963688	-1.03768	0.0952241
cg02370644	SPPL2B;SPPL2B	0.124846	0.107601	0.671869	-1.48838	0.822375	1.05224	1.05224	0.0119672
cg23534301	SSH2	0.124847	0.0452245	0.356178	-2.80758	0.566188	0.770609	-1.29768	0.0697219
cg22877851	MTHFR	0.124847	0.0749068	0.390178	-2.56293	0.472844	0.70721	-1.41401	0.337794
cg07747970	LHX1	0.12485	0.124019	0.649872	-1.53876	0.538996	1.17461	1.17461	0.474095
cg26024531	CHAF1B	0.124851	0.627953	0.800841	-1.24869	0.590738	1.28005	1.28005	0.573726
cg18550846	TMEM189;TMEM189-UBE2V1;TMEM189;TMEM189	0.124851	0.567809	0.754969	-1.32456	0.824553	0.897554	-1.11414	0.818226
cg10578112	UBASH3B	0.124852	0.942885	0.978773	-1.02169	0.479759	1.24001	1.24001	0.725621
cg21210758	EVC;EVC	0.124852	0.0184709	0.730546	-1.36884	0.833731	0.97717	-1.02336	0.812235
cg23056060	KIAA1199	0.124852	0.808442	0.938509	-1.06552	0.21862	0.713136	-1.40226	0.312262
ch.2.12139298	GLI2	0.124855	0.217604	0.452678	-2.20907	0.0320978	0.215648	-4.6372	0.0139362
cg04245630	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B	0.124858	0.187039	1.74254	1.74254	0.0692379	0.446114	-2.24158	0.0167773
cg03719509	LHFPL2	0.124859	0.41461	0.717181	-1.39435	0.15409	0.544323	-1.83714	0.565846
cg22669120	KCNA1	0.12486	0.143681	0.406592	-2.45947	0.344593	1.74653	1.74653	0.636369
cg10757144	PCDHB15	0.124862	0.122347	4.59803	4.59803	0.869242	1.16198	1.16198	0.952626
cg03240628	GNS	0.124874	0.348629	1.07848	1.07848	0.164057	1.12329	1.12329	0.549001
cg24171337	TGFBRAP1;TGFBRAP1	0.124875	0.123606	1.44205	1.44205	0.51979	0.866567	-1.15398	0.591556
cg21742001	TMEM181	0.124876	0.53882	0.65095	-1.53622	0.017771	0.136896	-7.3048	0.0459914
cg15944367	PCGF2	0.124878	0.0858969	0.193118	-5.17817	0.345424	0.430875	-2.32086	0.951325
cg17564844	RTDR1;GNAZ	0.124879	0.674467	0.80303	-1.24528	0.431127	0.658857	-1.51778	0.456507
cg16896079	PDZRN4	0.124879	0.175716	1.65879	1.65879	0.64135	1.17927	1.17927	0.13003
cg05967129	SND1	0.124879	0.113342	0.500836	-1.99666	0.00704718	0.247141	-4.04628	0.0944502
cg16698551	ABI1;ABI1;ABI1;ABI1	0.124881	0.0588702	0.621296	-1.60954	0.188513	1.36451	1.36451	0.789742
cg04552480	SNX29	0.124881	0.108638	0.357862	-2.79437	0.560965	1.4123	1.4123	0.901503
cg25726859	ST6GAL2;ST6GAL2;ST6GAL2	0.124884	0.909509	0.977224	-1.02331	0.560851	1.12655	1.12655	0.461447
cg00260114	CAST;CAST;CAST;CAST;CAST	0.124886	0.0247837	0.594827	-1.68116	0.157865	1.34116	1.34116	0.351905
cg04510816	TCEAL6	0.124889	0.101474	2.14419	2.14419	0.132531	0.501342	-1.99465	0.168821
cg11742801	NCSTN;COPA;COPA	0.12489	0.242509	0.74188	-1.34793	0.128311	1.49373	1.49373	0.0198454
cg14100211	MYO9A;SENP8;SENP8	0.124891	0.877119	1.05398	1.05398	0.144674	1.70283	1.70283	0.338966
cg10150615	LOC391322	0.124893	0.383163	0.898464	-1.11301	0.185869	1.18286	1.18286	0.82159
cg00960702	CCDC9;CCDC9	0.124893	0.209964	0.747851	-1.33716	0.665473	1.10039	1.10039	0.028858
cg09528449	LY6H;LY6H;LY6H	0.124894	0.82199	0.833297	-1.20005	0.500391	0.574904	-1.73942	0.147845
cg00474889	TRIM22;TRIM22	0.124896	0.0451048	0.313319	-3.19163	0.0459346	0.315115	-3.17345	0.217819
cg14307892	IKZF5;ACADSB	0.124897	0.133972	0.679747	-1.47114	0.122216	1.49195	1.49195	0.0559509

Probeset ID	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)
cg12627844	1.68588	1.68588	0.436896	0.751935	-1.3299	0.319539	0.690883	-1.44742	0.699937	1.14937	1.14937	0.0298068	0.398863	-2.50713	0.0171916	0.352158
cg10197546	1.08163	1.08163	0.799317	1.04617	1.04617	0.870629	0.971533	-1.0293	0.0454987	0.666033	-1.50143	0.751495	1.05791	1.05791	0.0678727	1.43674
cg14293223	0.476344	-2.09932	0.274075	0.362059	-2.76198	0.0703085	0.164312	-6.08599	0.16645	0.267925	-3.73239	0.0249584	0.0924042	-10.822	0.0171573	0.0748106
cg25458010	1.4494	1.4494	0.690194	1.23322	1.23322	0.168375	0.46394	-2.15545	0.526311	1.39924	1.39924	0.0386745	0.285682	-3.5004	0.062845	2.98943
cg03606214	0.662101	-1.51034	0.916095	0.950335	-1.05226	0.0815649	0.393327	-2.54242	0.218523	0.534937	-1.86938	0.116568	0.438557	-2.28021	0.0823953	0.394534
cg24528297	1.09046	1.09046	0.311571	0.913898	-1.09421	0.0760991	1.18501	1.18501	0.724109	0.969981	-1.03095	0.326711	0.916603	-1.09098	0.080961	0.846692
cg25652551	0.738142	-1.35475	0.164363	0.77402	-1.29196	0.285938	0.825855	-1.21087	0.386127	0.857793	-1.16578	0.151374	1.30398	1.30398	0.054049	1.45869
cg15959205	3.10274	3.10274	0.149968	1.80604	1.80604	0.753824	0.886482	-1.12805	0.840893	1.08003	1.08003	0.0994219	0.50071	-1.99716	0.209379	0.602443
cg14948290	1.146	1.146	0.0371888	1.70413	1.70413	0.262228	1.29384	1.29384	0.95415	0.987409	-1.01275	0.201264	1.34637	1.34637	0.286919	0.78374
cg04207306	1.01121	1.01121	0.696622	1.08704	1.08704	0.0262791	0.57042	-1.75309	0.167403	1.36815	1.36815	0.026125	1.75447	1.75447	0.726317	1.07772
cg06732006	0.779442	-1.28297	0.77133	0.925974	-1.07994	0.468337	0.823061	-1.21498	0.93422	0.978451	-1.02202	0.0215267	2.07223	2.07223	0.755776	1.08582
cg24942285	0.693266	-1.44245	0.651232	1.26769	1.26769	0.505873	1.42169	1.42169	0.347314	1.65598	1.65598	0.0124305	0.1976	-5.06073	0.871946	0.919356
cg08267399	0.263069	-3.80128	0.125132	0.36525	-2.73785	0.0924499	0.325119	-3.0758	0.532559	0.681442	-1.46748	0.0320743	0.21793	-4.58862	0.139996	0.381578
cg09804961	0.413791	-2.41668	0.843907	0.945978	-1.05711	0.142706	1.56635	1.56635	0.907495	0.967788	-1.03328	0.190635	1.4826	1.4826	0.750291	1.09415
cg10490227	0.79763	-1.25371	0.388251	1.16361	1.16361	0.915054	1.01845	1.01845	0.267263	1.21901	1.21901	0.00808241	0.559203	-1.78826	0.480499	0.884364
cg14557787	2.17313	2.17313	0.683	1.17243	1.17243	0.0741518	2.1619	2.1619	0.12322	0.523637	-1.90972	0.0834663	0.476007	-2.10081	0.439657	0.736858
cg04332619	2.19789	2.19789	0.245237	1.43552	1.43552	0.626725	0.864347	-1.15694	0.619659	0.86172	-1.16047	0.0322098	0.474201	-2.10881	0.658917	0.876227
cg09565597	0.5739	-1.74246	0.964276	0.98654	-1.01364	0.0190419	0.423653	-2.36042	0.712085	1.11869	1.11869	0.0568952	0.521001	-1.91938	0.330226	1.35528
cg23560715	1.46123	1.46123	0.300062	1.2337	1.2337	0.346896	1.20855	1.20855	0.0505206	1.54625	1.54625	0.135808	0.730259	-1.36938	0.195634	0.76518
cg08757191	0.547466	-1.8266	0.183795	0.748604	-1.33582	0.842805	0.96005	-1.04161	0.0897053	1.46834	1.46834	0.135094	1.39203	1.39203	0.858103	1.03743
cg04585378	1.30557	1.30557	0.241161	2.18089	2.18089	0.253931	2.13209	2.13209	0.521649	1.51098	1.51098	0.437249	0.604348	-1.65468	0.0610803	3.82419
cg05934778	0.514616	-1.9432	0.641113	0.814603	-1.22759	0.620316	0.804022	-1.24375	0.889106	0.940881	-1.06283	0.00504441	0.197925	-5.05242	0.973899	1.01439
cg01770355	1.28974	1.28974	0.0880616	0.356589	-2.80435	0.0536904	0.301143	-3.32068	0.586704	0.740303	-1.3508	0.0129019	0.184325	-5.42519	0.13061	0.408888
cg13807351	1.5689	1.5689	0.9203	1.01551	1.01551	0.181365	1.24389	1.24389	0.309078	1.17576	1.17576	0.0503383	1.40936	1.40936	0.535785	0.908058
cg24435679	1.40688	1.40688	0.170012	0.346474	-2.88622	0.0208014	0.132919	-7.5234	0.253779	0.421335	-2.37341	0.0487079	0.195391	-5.11794	0.444893	0.568464
cg19452754	1.15181	1.15181	0.885377	0.967303	-1.0338	0.0324711	0.561604	-1.78062	0.0443954	0.587355	-1.70255	0.0298239	0.554779	-1.80252	0.481747	0.848067
cg01519877	0.765828	-1.30578	0.58712	0.930979	-1.07414	0.0163551	0.681916	-1.46646	0.391252	1.12141	1.12141	0.492916	0.913168	-1.09509	0.388723	1.12213
cg10777000	0.346856	-2.88304	0.446559	1.65231	1.65231	0.0586437	0.250932	-3.98514	0.0658109	0.262855	-3.80438	0.107953	0.321335	-3.11202	0.328517	0.520597
cg00504896	0.890479	-1.12299	0.679333	0.894588	-1.11783	0.0209774	0.475095	-2.10484	0.934515	0.978219	-1.02227	0.0603342	0.566841	-1.76416	0.0346237	0.516775
cg11260904	0.542509	-1.84329	0.0564035	19.5416	19.5416	0.308969	0.234835	-4.25831	0.888627	0.824637	-1.21265	0.924647	1.13903	1.13903	0.008524	101.419
cg26254393	2.21006	2.21006	0.321677	0.674601	-1.48236	0.472271	0.756148	-1.32249	0.0338672	0.368727	-2.71203	0.56686	0.801867	-1.24709	0.596841	1.2257
cg16026088	0.779297	-1.28321	0.271065	0.811361	-1.2325	0.166439	1.30888	1.30888	0.937222	1.01447	1.01447	0.564224	1.1122	1.1122	0.00823071	0.539757
cg07907506	0.47306	-2.1139	0.42298	0.628919	-1.59003	0.0302695	0.236132	-4.23491	0.46231	0.65443	-1.52805	0.0368896	0.25321	-3.94929	0.0841571	0.338667
cg05400075	1.90826	1.90826	0.213301	0.345208	-2.8968	0.0208767	0.104732	-9.54814	0.614275	0.662047	-1.51047	0.0706447	0.194083	-5.15244	0.199903	0.333208
cg08969344	1.79155	1.79155	0.839422	0.877458	-1.13966	0.286133	0.489817	-2.04158	0.372359	1.80416	1.80416	0.538055	0.669176	-1.49438	0.00931363	0.119386
cg21127999	0.664163	-1.50565	0.0478428	0.291394	-3.43178	0.0311691	0.252002	-3.96823	0.558371	1.38069	1.38069	0.517439	0.699296	-1.43001	0.975641	0.983496
cg08900404	0.493218	-2.0275	0.840865	0.926382	-1.07947	0.640969	0.836404	-1.19559	0.0643963	2.20413	2.20413	0.773132	1.11622	1.11622	0.981737	1.00874
cg07362058	1.28297	1.28297	0.885637	0.976639	-1.02392	0.0296145	0.656635	-1.52292	0.272993	1.2061	1.2061	0.620801	0.921355	-1.08536	0.662864	0.930482
cg00467160	0.857735	-1.16586	0.63251	0.928631	-1.07685	0.707976	0.94381	-1.05954	0.15692	1.26197	1.26197	0.646611	1.07352	1.07352	0.355842	0.864188
cg21995800	1.09452	1.09452	0.991494	1.00359	1.00359	0.496141	0.792686	-1.26153	0.525648	0.805557	-1.24138	0.0973797	1.84337	1.84337	0.00857386	3.08744
cg19048176	2.49278	2.49278	0.80259	0.902815	-1.10765	0.420269	1.39945	1.39945	0.75909	0.882013	-1.13377	0.0462284	0.39372	-2.53987	0.132813	0.515854
cg26673286	1.87992	1.87992	0.216551	0.788519	-1.2682	0.306472	0.824107	-1.21343	0.708992	0.933793	-1.0709	0.46989	1.14377	1.14377	0.233779	1.25619
cg25687423	0.853796	-1.17124	0.326647	1.29383	1.29383	0.915845	0.97347	-1.02725	0.054282	0.573739	-1.74295	0.607454	0.876506	-1.14089	0.456552	0.824574
cg12969178	0.575455	-1.73775	0.501145	0.786292	-1.27179	0.390238	0.733432	-1.36345	0.79564	1.0957	1.0957	0.0599526	2.11136	2.11136	0.549464	1.23771
cg24335984	0.998225	-1.00178	0.824641	1.06237	1.06237	0.630377	1.14133	1.14133	0.0706613	1.73455	1.73455	0.103628	1.62461	1.62461	0.0167567	2.21668
cg16667275	0.503284	-1.98695	0.963113	0.973759	-1.02695	0.938299	0.956461	-1.04552	0.0171506	0.165197	-6.05339	0.370948	1.70454	1.70454	0.987489	1.00906
cg02282200	0.681382	-1.46761	0.159879	1.67666	1.67666	0.0223168	0.389721	-2.56594	0.274823	0.676379	-1.47846	0.128633	0.568259	-1.75976	0.870905	0.945568
cg16967099	0.984731	-1.01551	0.927198	1.00543	1.00543	0.0228094	1.17513	1.17513	0.0896515	0.89509	-1.11721	0.721314	1.02144	1.02144	0.98925	1.0008
cg05971148	1.1311	1.1311	0.150416	1.44721	1.44721	0.633537	0.891208	-1.12207	0.290322	1.30104	1.30104	0.447901	0.830707	-1.20379	0.0231233	1.91798
cg13831216	0.395284	-2.52983	0.479908	0.787648	-1.2696	0.143539	0.593079	-1.68612	0.75707	0.902006	-1.10864	0.234208	0.660671	-1.51361	0.154524	1.65953
cg16299665	0.415626	-2.40601	0.0569934	0.433506	-2.30678	0.978189	0.989446	-1.01067	0.444514	1.35324	1.35324	0.685197	0.853707	-1.17136	0.12565	0.525614
cg10332321	0.695083	-1.43868	0.117583	0.763589	-1.30961	0.244584	0.824339	-1.21309	0.0852136	0.739348	-1.35254	0.259805	1.20507	1.20507	0.872531	1.02581
cg16702934	1.19439	1.19439	0.290861	1.14843	1.14843	0.111294	0.803312	-1.24485	0.256792	1.16118	1.16118	0.0718824	1.28878	1.28878	0.0157589	1.4529
cg24482544	0.996993	-1.00302	0.316447	0.57159	-1.7495	0.0395451	0.276444	-3.61737	0.179981	0.463463	-2.15767	0.0221132	0.227202	-4.40137	0.0358436	0.267468
cg06411879	1.73254	1.73254	0.895727	0.916864	-1.09067	0.130901	0.339707	-2.94372	0.847173	0.880102	-1.13623	0.369885	0.543599	-1.83959	0.145967	2.81007
cg21080633	0.499205	-2.00319	0.797973	1.11764	1.11764	0.982769	0.99068	-1.00941	0.766189	1.13803	1.13803	0.0324942	2.96027	2.96027	0.487113	1.35817
cg21596530	0.474726	-2.10648	0.395702	0.593873	-1.68386	0.0592886	0.279266	-3.58082	0.0826275	0.316128	-3.16328	0.0160383	0.171051	-5.84621	0.922932	1.05968
cg12350157	1.84798	1.84798	0.835642	1.0869	1.0869	0.743502	0.876604	-1.14077	0.881383	0.941869	-1.06172	0.199018	1.72348	1.72348	0.126017	1.94254
cg18570369	0.915947	-1.09177	0.609403	0.977608	-1.0229	0.326944	0.9565	-1.04548	0.562498	1.02607	1.02607	0.011137	1.15009	1.15009	0.998089	1.00011
cg22184911	0.339319	-2.94708	0.777417	1.11327	1.11327	0.879598	0.944224	-1.05907	0.849067	0.930405	-1.0748	0.55976	1.25018	1.25018	0.400916	0.722139
cg16191088	0.725982	-1.37744	0.607798	0.570443	-1.75302	0.0185053	0.0451589	-22.1441	0.97309	0.964082	-1.03726	0.0130683	0.0354911	-28.1761	0.526603	0.498707
cg20368283	3.54254	3.54254	0.179858	3.45807	3.45807	0.427755	2.02433	2.02433	0.107702	4.61367	4.61367	0.0969924	4.88742	4.88742	0.0172512	12.5147
cg27514333	0.726791	-1.37591	0.633603	0.900325	-1.11071	0.0233047	0.552796	-1.80899	0.34724	0.809266	-1.23569	0.174461	0.729168	-1.37143	0.0758543	0.649204
cg24404823	0.917476	-1.08995	0.167511	0.537488	-1.8605	0.103975	0.472281	-2.11738	0.446584	0.72081	-1.38733	0.0118766	0.265746	-3.763	0.016996	0.292812
cg16274678	0.162853	-6.14051	0.216155	0.364735	-2.74171	0.0514035	0.179318	-5.57668	0.179985	0.331742	-3.01439	0.115249	0.265289	-3.76948	0.752995	0.782996
cg14928293	1.24427	1.24427	0.423671	0.903094	-1.1073	0.066532	1.29259	1.29259	0.073161	1.28308	1.28308	0.151241	0.825446	-1.21147	0.63025	1.06237
cg21685234	1.5455	1.5455	0.623674	1.25602	1.25602	0.784949	0.881545	-1.13437	0.0103234	0.225487	-4.43484	0.783427	1.13542	1.13542	0.230205	1.78647
ch.6.1311487R	0.592766	-1.68701	0.0188817	0.391582	-2.55374	0.0637552	0.503037	-1.98793	0.283773	0.692713	-1.4436	0.130616	0.583788	-1.71295	0.586642	0.834437
cg24766308	0.885534	-1.12926	0.0434728	0.701728	-1.42505	0.18426	0.806659	-1.23968	0.309692	0.85183	-1.17394	0.0375368	0.692029	-1.44503	0.10493	0.763144
cg22438522	0.85313	-1.17216	0.172854	0.727499	-1.37457	0.168074	1.38014	1.38014	0.0875064	0.6612	-1.5124	0.0337793	0.58063	-1.72227	0.174239	1.37299
ch.12.1017720	3.17891	3.17891	0.133075	0.48839	-2.04754	0.752574	0.869482	-1.15011	0.317469	0.633192	-1.5793	0.191577	1.84303	1.84303	0.75133	0.868845
cg04466246	1.59975	1.59975	0.181964	0.776596	-1.28767	0.560784	0.900355	-1.11067	0.578428	0.904677	-1.10537	0.052133	0.674185	-1.48327	0.782088	0.95172
cg03790192	1.08968	1.08968	0.70305	1.05491	1.05491	0.0282896	1.43536	1.43536	0.935627	1.01134	1.01134	0.169421	1.22667	1.22667	0.250343	0.845645
cg22027897	0.931967	-1.073	0.961405	1.02107	1.02107	0.0151523	0.276531	-3.61623	0.277508	0.614755	-1.62666	0.0676922	0.414052	-2.41515	0.0337451	0.343638
cg13905406	1.47361	1.47361	0.635398	1.18035	1.18035	0.876272	0.947347	-1.05558	0.0277663	2.46698	2.46698	0.606319	1.19777	1.19777	0.895897	1.04649
cg11913491	1.71372	1.71372	0.926031	1.03074	1.03074	0.205769	0.64715	-1.54524	0.0308481	0.437529	-2.28556	0.240252	1.49313	1.49313	0.161225	1.62877
cg07136325	1.49912	1.49912	0.210575	1.31975	1.31975	0.128369	1.41292	1.41292	0.715467	1.08003	1.08003	0.0120047	1.93282	1.93282	0.407381	0.836746
cg01631215	0.401338	-2.49166	0.106316	0.606673	-1.64833	0.660374	0.882234	-1.13349	0.784259	0.925181	-1.08087	0.146445	1.55538	1.55538	0.683807	1.12303
cg15628959	0.794472	-1.2587	0.673612	0.875176	-1.14263	0.0155812	0.393188	-2.54331	0.244873	0.681909	-1.46647	0.223289	0.668495	-1.4959	0.168286	1.58739
cg22635676	7.99792	7.99792	0.984725	1.02197	1.02197	0.250654	0.256059	-3.90536	0.57111	0.522228	-1.91487	0.5136	0.471484	-2.12096	0.00801354	47.2877
cg13144432	0.649226	-1.5403	0.976151	1.01043	1.01043	0.414101	0.748398	-1.33619	0.921629	0.966416	-1.03475	0.561995	1.22572	1.22572	0.965069	1.01532
cg05101846	0.386966	-2.5842	0.547971	0.716805	-1.39508	0.136193	0.415062	-2.40928	0.0592176	0.31146	-3.21069	0.0298586	0.246681	-4.05382	0.0693266	0.328647
cg08587415	0.451446	-2.21511	0.798683	1.25985	1.25985	0.74684	1.34009	1.34009	0.517398	1.80978	1.80978	0.00398846	0.0302609	-33.046	0.82745	1.21811
cg10682803	0.533019	-1.87611	0.924199	0.973793	-1.02691	0.496697	1.21237	1.21237	0.044998	1.90022	1.90022	0.220131	0.697834	-1.43301	0.950267	0.982744
cg00545462	0.625889	-1.59773	0.923291	0.969026	-1.03196	0.0417888	0.464603	-2.15238	0.718711	1.12543	1.12543	0.469446	1.2718	1.2718	0.039601	0.459559
cg03510117	1.20481	1.20481	0.847055	1.03841	1.03841	0.507719	1.14017	1.14017	0.198775	0.767147	-1.30353	0.201037	0.768282	-1.30161	0.0148429	1.79502
cg06210887	1.12276	1.12276	0.134394	0.691992	-1.4451	?	?	?	0.473042	1.18112	1.18112	0.512927	0.859546	-1.16341	0.307893	0.786049
cg14522047	0.527322	-1.89637	0.901005	1.04521	1.04521	0.022529	0.378792	-2.63997	0.894206	1.04841	1.04841	0.0669449	0.482071	-2.07438	0.118109	1.82738
cg15463457	1.54464	1.54464	0.546264	0.879395	-1.13715	0.788782	1.05814	1.05814	0.857106	1.03866	1.03866	0.00942617	0.500253	-1.99899	0.958398	0.989227
cg13431342	0.632997	-1.57979	0.863345	1.0397	1.0397	0.0121015	0.493175	-2.02768	0.460275	1.18516	1.18516	0.609146	1.12359	1.12359	0.894294	1.0305
cg15420683	1.17981	1.17981	0.764009	1.13454	1.13454	0.65667	0.828979	-1.2063	0.847705	0.922558	-1.08394	0.250274	1.65479	1.65479	0.0739499	2.30473
cg08571304	0.640952	-1.56018	0.165037	0.716138	-1.39638	0.052618	0.608509	-1.64336	0.0554642	0.613014	-1.63128	0.733924	1.07995	1.07995	0.444233	0.838751
cg12181634	4.02941	4.02941	0.131202	0.388074	-2.57683	0.147667	0.406003	-2.46304	0.211586	2.14139	2.14139	0.641387	1.30935	1.30935	0.134481	2.55271
cg17284865	1.82993	1.82993	0.0268805	0.323221	-3.09386	0.451941	0.718801	-1.3912	0.3961	1.45414	1.45414	0.0452736	0.371755	-2.68994	0.0805299	0.433819
cg10350215	1.07307	1.07307	0.9105	1.01848	1.01848	0.055904	0.70284	-1.4228	0.748335	1.05381	1.05381	0.0163244	1.61296	1.61296	0.670057	1.07228
cg06369118	0.712492	-1.40352	0.888173	0.926946	-1.07881	0.0341294	0.263679	-3.7925	0.219215	0.498254	-2.00701	0.0861533	0.359764	-2.7796	0.196902	2.08668
cg18552940	0.434341	-2.30234	0.976047	0.983138	-1.01715	0.765503	0.84415	-1.18462	0.189014	2.1994	2.1994	0.00539317	0.125575	-7.96334	0.972823	1.01948
cg23934139	0.864166	-1.15718	0.181869	1.35657	1.35657	0.0541784	0.624836	-1.60042	0.241268	1.30211	1.30211	0.0487217	1.62329	1.62329	0.165713	0.727504
cg19480699	1.07859	1.07859	0.351684	0.916561	-1.09104	0.938196	1.00707	1.00707	0.151656	0.869673	-1.14986	0.0175906	0.769057	-1.30029	0.536685	0.944716
cg05366009	1.33221	1.33221	0.281526	1.12873	1.12873	0.589658	0.942789	-1.06068	0.321139	0.895022	-1.11729	0.547827	1.06802	1.06802	0.308982	1.12067
cg04555097	1.12486	1.12486	0.428219	0.84157	-1.18826	0.417977	1.19304	1.19304	0.327992	0.806282	-1.24026	0.00956426	0.496705	-2.01327	0.161822	1.37517
cg04316941	0.305366	-3.27476	0.26594	0.647249	-1.545	0.068208	0.464716	-2.15185	0.166871	1.73857	1.73857	0.144873	0.555659	-1.79966	0.388887	0.717928
cg08969217	0.769649	-1.29929	0.859283	1.03452	1.03452	0.0870374	0.696696	-1.43535	0.469021	0.868583	-1.1513	0.0221873	1.68943	1.68943	0.877393	0.970905
cg00927134	1.0517	1.0517	0.664842	1.09075	1.09075	0.0158854	0.555112	-1.80144	0.188259	0.757426	-1.32026	0.988872	0.997225	-1.00278	0.309029	0.810747
cg03338959	1.93051	1.93051	0.847791	0.949534	-1.05315	0.441868	0.809508	-1.23532	0.406574	0.795485	-1.2571	0.0706626	0.58021	-1.72351	0.754278	1.0883
cg24797363	0.869117	-1.15059	0.469415	0.945237	-1.05794	0.0277477	0.81949	-1.22027	0.447644	0.942499	-1.06101	0.434135	0.940758	-1.06297	0.556297	1.04659
cg02370644	0.491595	-2.03419	0.102277	0.667002	-1.49925	0.105055	0.669567	-1.4935	0.370898	1.23132	1.23132	0.874781	0.964914	-1.03636	0.353864	0.805713
cg23534301	0.401949	-2.48788	0.318109	0.628965	-1.58991	0.0156697	0.264186	-3.78521	0.313763	0.626162	-1.59703	0.0958528	0.439607	-2.27476	0.436026	1.42915
cg22877851	0.625724	-1.59815	0.636084	0.797595	-1.25377	0.0355314	0.313121	-3.19366	0.574746	0.764166	-1.30862	0.0369882	0.316857	-3.156	0.0149269	0.241657
cg07747970	1.20728	1.20728	0.099467	0.626747	-1.59554	0.218561	0.715454	-1.39771	0.261757	0.73875	-1.35364	0.0929125	0.619822	-1.61337	0.288418	1.32997
cg26024531	1.29501	1.29501	0.208084	0.546826	-1.82874	0.0690341	0.396419	-2.52258	0.935362	1.03758	1.03758	0.00803176	0.213404	-4.68594	0.712469	0.845059
cg18550846	1.11858	1.11858	0.45515	1.44817	1.44817	0.0032251	0.141385	-7.07291	0.982353	1.01082	1.01082	0.182797	0.502498	-1.99006	0.913405	0.948426
cg10578112	0.899866	-1.11128	0.808594	0.929907	-1.07538	0.447778	1.26071	1.26071	0.0185542	0.425344	-2.35104	0.329537	1.35163	1.35163	0.0336459	2.10222
cg21210758	1.02649	1.02649	0.912681	0.988021	-1.01212	0.595188	0.942785	-1.06069	0.719378	1.04043	1.04043	0.217891	0.867269	-1.15304	0.0110224	0.704451
cg23056060	0.761	-1.31406	0.0354261	0.527328	-1.89635	0.131663	0.653633	-1.52991	0.282399	1.33892	1.33892	0.421939	1.23905	1.23905	0.999939	0.99998
ch.2.12139298	0.156302	-6.39785	0.051813	0.258666	-3.86599	0.0674992	0.286003	-3.49646	0.498414	0.657077	-1.52189	0.396374	0.588192	-1.70012	0.266736	0.493095
cg04245630	0.313785	-3.18689	0.910195	0.956184	-1.04582	0.849411	0.927297	-1.0784	0.257719	1.59841	1.59841	0.351601	1.46327	1.46327	0.715278	1.15659
cg03719509	0.793445	-1.26033	0.740698	0.876005	-1.14155	0.0830954	0.465398	-2.1487	0.0876964	0.471708	-2.11996	0.0062322	0.24141	-4.14234	0.297308	0.650045
cg22669120	0.761248	-1.31363	0.281894	0.526996	-1.89755	0.0128109	0.170192	-5.87573	0.682811	0.790302	-1.26534	0.180553	0.442878	-2.25796	0.029975	0.231643
cg10757144	0.947305	-1.05563	0.699072	0.701911	-1.42468	0.172115	0.265981	-3.75966	0.166059	3.84108	3.84108	0.9464	0.940578	-1.06318	0.0077983	22.4738
cg03240628	1.04862	1.04862	0.620424	1.03986	1.03986	0.184067	0.895538	-1.11665	0.199765	0.899367	-1.11189	0.010948	0.778787	-1.28405	0.776482	1.02254
cg24171337	1.12625	1.12625	0.465992	0.849729	-1.17685	0.485467	0.855924	-1.16833	0.0895578	1.50808	1.50808	0.106541	1.47227	1.47227	0.051289	1.6276
cg21742001	0.206419	-4.84452	0.114161	3.27276	3.27276	0.194293	0.387745	-2.57902	0.840979	1.14867	1.14867	0.552294	0.660456	-1.51411	0.91924	1.07248
cg15944367	0.948483	-1.05432	0.295954	0.391021	-2.55741	0.0354248	0.119785	-8.34827	0.0918816	0.200325	-4.99189	0.0322917	0.113946	-8.77607	0.03857	0.125405
cg17564844	1.48258	1.48258	0.897038	0.934982	-1.06954	0.0361531	0.282177	-3.54387	0.713564	0.825765	-1.211	0.0265137	0.255201	-3.91849	0.0242262	0.247812
cg16896079	1.77684	1.77684	0.625649	1.18865	1.18865	0.0253874	0.392972	-2.54471	0.160166	0.590109	-1.6946	0.098649	0.529121	-1.88993	0.876564	1.05616
cg05967129	0.478193	-2.09121	0.536452	1.28559	1.28559	0.137882	0.526675	-1.8987	0.288489	0.642614	-1.55614	0.296808	0.647851	-1.54357	0.669507	0.84172
cg16698551	1.06143	1.06143	0.0443264	1.67407	1.67407	0.364704	0.812393	-1.23093	0.259148	1.30032	1.30032	0.168029	0.720554	-1.38782	0.812265	0.948309
cg04552480	1.07542	1.07542	0.706615	1.24864	1.24864	0.0505554	0.28511	-3.50741	0.0553076	0.279238	-3.58117	0.11475	0.36524	-2.73792	0.292947	1.89776
cg25726859	1.16407	1.16407	0.239407	0.779076	-1.28357	0.441836	0.853068	-1.17224	0.964486	1.00906	1.00906	0.00647325	2.04892	2.04892	0.21059	1.30646
cg00260114	1.2047	1.2047	0.903774	1.02379	1.02379	0.806525	1.04886	1.04886	0.387774	1.18777	1.18777	0.13998	0.734409	-1.36164	0.123502	1.38308
cg04510816	0.535975	-1.86576	0.113949	0.481179	-2.07823	0.0755559	0.431061	-2.31986	0.403247	1.43886	1.43886	0.199139	1.78093	1.78093	0.510605	1.32826
cg11742801	1.98669	1.98669	0.237184	0.739124	-1.35295	0.436993	0.824027	-1.21355	0.179648	0.706178	-1.41607	0.436656	0.823906	-1.21373	0.577589	0.871683
cg14100211	1.39777	1.39777	0.357985	1.37874	1.37874	0.00960822	0.328295	-3.04604	0.174807	1.63289	1.63289	0.365361	1.37163	1.37163	0.915534	1.0367
cg10150615	1.02741	1.02741	0.9707	1.00441	1.00441	0.0232414	1.38372	1.38372	0.404113	1.10761	1.10761	0.0753062	0.788921	-1.26755	0.32874	1.12827
cg00960702	1.76249	1.76249	0.526415	0.868349	-1.15161	0.999267	0.999798	-1.0002	0.384065	1.21686	1.21686	0.0207369	1.84476	1.84476	0.144791	1.41116
cg09528449	3.51308	3.51308	0.120298	3.91072	3.91072	0.577545	1.57672	1.57672	0.674626	1.40733	1.40733	0.498043	1.74487	1.74487	0.0107886	13.3545
cg00474889	0.519747	-1.92401	0.033705	0.285941	-3.49722	0.788948	1.14503	1.14503	0.443642	1.48327	1.48327	0.0936299	0.394261	-2.53639	0.372442	0.629878
cg14307892	1.67728	1.67728	0.761744	0.929943	-1.07533	0.170459	0.705624	-1.41719	0.296532	0.77219	-1.29502	0.211561	0.73026	-1.36937	0.172345	0.706843

Probeset ID	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12627844	-2.83963	0.551985	0.805484	-1.24149	2.32306	4.75458	1.81928	1
cg10197546	1.43674	0.030127	1.57125	1.57125	2.32305	1.15516	0.442011	1
cg14293223	-13.3671	0.232324	0.326892	-3.05912	2.32301	29.3177	11.2183	1
cg25458010	2.98943	0.274971	1.8117	1.8117	2.32301	10.0716	3.85385	1
cg03606214	-2.53463	0.625056	0.788141	-1.26881	2.323	8.59667	3.28948	1
cg24528297	-1.18107	0.308157	1.09496	1.09496	2.323	0.272125	0.104128	1
cg25652551	1.45869	0.180294	0.782193	-1.27846	2.32299	1.0967	0.41965	1
cg15959205	-1.65991	0.828063	1.08688	1.08688	2.32299	5.39729	2.06527	1
cg14948290	-1.27593	0.117386	0.687436	-1.45468	2.32297	1.78662	0.683652	1
cg04207306	1.07772	0.751331	0.934527	-1.07006	2.32297	1.66916	0.638706	1
cg06732006	1.08582	0.0198364	0.476042	-2.10066	2.32294	2.56232	0.980487	1
cg24942285	-1.08772	0.37873	1.60113	1.60113	2.32293	9.99515	3.82473	1
cg08267399	-2.6207	0.217645	0.455248	-2.19661	2.3229	13.5436	5.18264	1
cg09804961	1.09415	0.109429	1.64584	1.64584	2.4554	3.02015	0.956669	1
cg10490227	-1.13076	0.456176	1.13888	1.13888	2.32287	1.08021	0.413361	1
cg14557787	-1.35711	0.195589	1.69947	1.69947	2.32287	5.52252	2.1133	1
cg04332619	-1.14126	0.207614	1.48474	1.48474	2.32286	3.25484	1.24553	1
cg09565597	1.35528	0.411228	0.775503	-1.28949	2.32286	3.36815	1.28889	1
cg23560715	-1.30688	0.172562	0.752841	-1.3283	2.32285	1.40696	0.538403	1
cg08757191	1.03743	0.488106	0.865339	-1.15562	2.32284	1.55113	0.593574	1
cg04585378	3.82419	0.0656414	3.71684	3.71684	2.32284	14.8571	5.68543	1
cg05934778	1.01439	0.0368305	0.346733	-2.88407	2.32283	7.01865	2.68587	1
cg01770355	-2.44566	0.220717	0.49397	-2.02441	2.32282	11.0401	4.22478	1
cg13807351	-1.10125	0.20549	1.22807	1.22807	2.32276	0.870332	0.333064	1
cg24435679	-1.75913	0.0229664	0.13907	-7.19064	2.32276	19.3492	7.4047	1
cg19452754	-1.17915	0.426126	0.829204	-1.20598	2.32275	1.95399	0.747767	1
cg01519877	1.12213	0.244193	1.17225	1.17225	2.32275	0.625939	0.239539	1
cg10777000	-1.92087	0.828976	0.869338	-1.1503	2.32273	15.412	5.89802	1
cg00504896	-1.93508	0.422931	0.803046	-1.24526	2.32273	2.64177	1.01098	1
cg11260904	101.419	0.639973	1.91216	1.91216	2.32268	69.6535	26.6563	1
cg26254393	1.2257	0.310052	1.49795	1.49795	2.64252	5.755	1.4519	1
cg16026088	-1.85269	0.769152	1.05516	1.05516	2.32265	1.22431	0.46855	1
cg07907506	-2.95275	0.821034	0.87951	-1.137	2.32265	11.8114	4.52027	1
cg05400075	-3.00113	0.247976	0.375242	-2.66494	2.32264	24.2279	9.27215	1
cg08969344	-8.37618	0.364302	0.548452	-1.82331	2.32264	15.2711	5.84434	1
cg21127999	-1.01678	0.377249	0.610298	-1.63854	2.32263	10.927	4.18184	1
cg08900404	1.00874	0.575869	1.23984	1.23984	2.3226	5.32193	2.03677	1
cg07362058	-1.07471	0.037993	1.48458	1.48458	2.32259	0.992401	0.379806	1
cg00467160	-1.15716	0.29902	0.847529	-1.1799	2.32256	0.868853	0.332527	1
cg21995800	3.08744	0.365319	1.36715	1.36715	2.32256	4.15796	1.59133	1
cg19048176	-1.93853	0.614627	0.812853	-1.23023	2.32255	6.1277	2.3452	1
cg26673286	1.25619	0.827481	1.04069	1.04069	2.32255	1.22807	0.470007	1
cg25687423	-1.21275	0.0191276	0.486111	-2.05714	2.32254	2.3803	0.910995	1
cg12969178	1.23771	0.443697	0.75958	-1.31652	2.32254	4.56113	1.74565	1
cg24335984	2.21668	0.80425	1.07005	1.07005	2.32253	2.73437	1.04651	1
cg16667275	1.00906	0.110214	2.80977	2.80977	2.66149	11.7969	3.32432	1
cg02282200	-1.05757	0.629115	0.845794	-1.18232	2.3225	4.35625	1.66726	1
cg16967099	1.0008	0.115831	0.903714	-1.10655	2.32248	0.129054	0.0493932	1
cg05971148	1.91798	0.700356	1.09716	1.09716	2.32247	2.11517	0.80955	1
cg13831216	1.65953	0.0856636	0.531835	-1.88028	2.32247	4.06378	1.55535	1
cg16299665	-1.90254	0.0183131	0.32918	-3.03786	2.32244	5.5399	2.12033	1
cg10332321	1.02581	0.334179	0.853795	-1.17124	2.32243	0.926299	0.354532	1
cg16702934	1.4529	0.593709	1.07035	1.07035	2.32243	0.586355	0.224422	1
cg24482544	-3.73876	0.127756	0.410941	-2.43344	2.32241	10.7279	4.10604	1
cg06411879	2.81007	0.983249	0.986199	-1.01399	2.32241	16.116	6.16832	1
cg21080633	1.35817	0.483657	1.36158	1.36158	2.32239	6.91519	2.64677	1
cg21596530	1.05968	0.0956512	0.334021	-2.99383	2.32239	13.2011	5.05268	1
cg12350157	1.94254	0.800867	0.903598	-1.10669	2.32239	5.91735	2.26485	1
cg18570369	1.00011	0.575903	0.97547	-1.02515	2.32235	0.0710365	0.0271894	1
cg22184911	-1.38477	0.15884	0.565411	-1.76863	2.32235	5.27275	2.01816	1
cg16191088	-2.00518	0.458988	0.441471	-2.26515	2.32233	43.2501	16.5543	1
cg20368283	12.5147	0.0512678	6.912	6.912	2.32228	27.9044	10.6808	1
cg27514333	-1.54035	0.971494	1.00784	1.00784	2.32228	1.75843	0.673067	1
cg24404823	-3.41516	0.230561	0.588155	-1.70023	2.32224	6.5495	2.50697	1
cg16274678	-1.27715	0.358834	0.481372	-2.07739	2.32222	22.0835	8.45305	1
cg14928293	1.06237	0.0583804	1.30577	1.30577	2.32221	0.572249	0.219044	1
cg21685234	1.78647	0.0616818	2.63824	2.63824	2.3222	7.81428	2.99114	1
ch.6.1311487R	-1.19841	0.316141	0.710571	-1.40732	2.32219	3.99765	1.53022	1
cg24766308	-1.31037	0.493633	1.11188	1.11188	2.32218	0.855884	0.327616	1
cg22438522	1.37299	0.475429	1.17253	1.17253	2.32217	1.769	0.677148	1
ch.12.1017720	-1.15095	0.805372	1.11536	1.11536	2.32216	7.19252	2.7532	1
cg04466246	-1.05073	0.124202	1.34594	1.34594	2.32213	1.17134	0.448378	1
cg03790192	-1.18253	0.039777	0.717646	-1.39344	2.32213	0.716433	0.274243	1
cg22027897	-2.91004	0.068688	0.415678	-2.40571	2.32213	6.82578	2.61285	1
cg13905406	1.04649	0.80021	1.09203	1.09203	2.32213	4.43223	1.69662	1
cg11913491	1.62877	0.220761	1.52151	1.52151	2.32212	3.90925	1.49643	1
cg07136325	-1.19511	0.294978	0.795796	-1.2566	2.32211	1.62658	0.622644	1
cg01631215	1.12303	0.134404	0.632926	-1.57996	2.3221	2.95319	1.13047	1
cg15628959	1.58739	0.308521	1.39336	1.39336	2.3221	3.64296	1.39451	1
cg22635676	47.2877	0.389719	2.71927	2.71927	2.32209	47.3728	18.1342	1
cg13144432	1.01532	0.28491	0.680049	-1.47048	2.32206	4.43178	1.69649	1
cg05101846	-3.04278	0.740631	0.833664	-1.19952	2.32206	11.0301	4.22234	1
cg08587415	1.21811	0.393108	2.20488	2.20488	2.32205	30.0413	11.4999	1
cg10682803	-1.01756	0.228911	0.703031	-1.42241	2.32205	2.86385	1.09629	1
cg00545462	-2.176	0.285671	1.43657	1.43657	2.32202	3.92499	1.50252	1
cg03510117	1.79502	0.714118	1.07446	1.07446	2.32202	1.40131	0.536432	1
cg06210887	-1.27219	0.00877568	0.467052	-2.14109	2.34391	1.71671	0.732413	1
cg14522047	1.82738	0.345284	0.707965	-1.4125	2.32198	4.64234	1.77716	1
cg15463457	-1.01089	0.977269	1.00601	1.00601	2.32198	1.62914	0.623662	1
cg13431342	1.0305	0.0871898	0.652617	-1.53229	2.32195	1.87779	0.718857	1
cg15420683	2.30473	0.71807	1.16416	1.16416	2.32193	6.46337	2.47433	1
cg08571304	-1.19225	0.0161863	0.515212	-1.94095	2.32188	1.86905	0.715532	1
cg12181634	2.55271	0.459824	1.5421	1.5421	2.45424	12.5364	3.97292	1
cg17284865	-2.30511	0.469288	0.728188	-1.37327	2.32184	6.8259	2.61321	1
cg10350215	1.07228	0.05548	1.4239	1.4239	2.32184	0.974852	0.373211	1
cg06369118	2.08668	0.126785	0.410462	-2.43628	2.32181	10.6897	4.09248	1
cg18552940	1.01948	0.474396	0.662278	-1.50994	2.3218	11.7977	4.51669	1
cg23934139	-1.37456	0.642506	1.10584	1.10584	2.32179	1.70299	0.651984	1
cg19480699	-1.05852	0.237529	1.11905	1.11905	2.32178	0.303859	0.116332	1
cg05366009	1.12067	0.0294827	1.31967	1.31967	2.32178	0.430484	0.16481	1
cg04555097	1.37517	0.266217	1.28025	1.28025	2.32177	1.67232	0.640248	1
cg04316941	-1.3929	0.35014	0.697041	-1.43464	2.32177	5.17869	1.98266	1
cg08969217	-1.02997	0.462702	0.866777	-1.1537	2.32175	1.345	0.514937	1
cg00927134	-1.23343	0.0152504	0.552239	-1.81081	2.32175	1.46025	0.559063	1
cg03338959	1.0883	0.342835	1.3013	1.3013	2.32173	2.67046	1.0224	1
cg24797363	1.04659	0.216564	1.10462	1.10462	2.32171	0.215308	0.0824327	1
cg02370644	-1.24114	0.189323	0.729865	-1.37012	2.3217	1.88596	0.722062	1
cg23534301	1.42915	0.329902	0.636485	-1.57113	2.32169	7.42438	2.84252	1
cg22877851	-4.13809	0.78573	0.878717	-1.13802	2.32169	8.27765	3.16921	1
cg07747970	1.32997	0.0829781	1.64327	1.64327	2.32166	2.46164	0.942482	1
cg26024531	-1.18335	0.35699	1.53856	1.53856	2.32166	7.60528	2.91182	1
cg18550846	-1.05438	0.921947	1.04886	1.04886	2.32166	8.7128	3.33586	1
cg10578112	2.10222	0.251398	1.43164	1.43164	2.32165	3.29695	1.2623	1
cg21210758	-1.41955	0.255169	0.877639	-1.13942	2.32165	0.44383	0.169929	1
cg23056060	-1.00002	0.0233667	0.492676	-2.02973	2.32165	2.51029	0.961113	1
ch.2.12139298	-2.02801	0.337059	0.54619	-1.83086	2.32162	13.7289	5.25645	1
cg04245630	1.15659	0.454267	1.3535	1.3535	2.3216	5.79803	2.21994	1
cg03719509	-1.53836	0.100464	0.488068	-2.04889	2.32159	5.84272	2.23705	1
cg22669120	-4.31698	0.526308	0.69227	-1.44452	2.32158	12.0641	4.61913	1
cg10757144	22.4738	0.959076	1.04787	1.04787	2.32157	30.5267	11.6882	1
cg03240628	1.02254	0.871418	1.01276	1.01276	2.32146	0.2254	0.0863057	1
cg24171337	1.6276	0.0435538	1.66427	1.66427	2.32145	1.77127	0.678223	1
cg21742001	1.07248	0.736747	1.2621	1.2621	2.32145	17.5012	6.70128	1
cg15944367	-7.97419	0.122757	0.234838	-4.25825	2.32143	27.6006	10.5684	1
cg17564844	-4.03531	0.823096	1.1233	1.1233	2.32142	9.91379	3.79606	1
cg16896079	1.05616	0.79044	0.910631	-1.09814	2.32142	4.54253	1.73937	1
cg05967129	-1.18804	0.963278	0.981693	-1.01865	2.32142	5.92118	2.26727	1
cg16698551	-1.05451	0.251902	1.30604	1.30604	2.32141	1.82947	0.700522	1
cg04552480	1.89776	0.077467	0.315849	-3.16607	2.3214	12.678	4.85452	1
cg25726859	1.30646	0.178548	1.33592	1.33592	2.32138	1.50965	0.578068	1
cg00260114	1.38308	0.24705	1.26527	1.26527	2.32136	1.38932	0.531994	1
cg04510816	1.32826	0.936655	1.03439	1.03439	2.32134	6.65273	2.54747	1
cg11742801	-1.14721	0.503165	1.1804	1.1804	2.32133	2.1906	0.838829	1
cg14100211	1.0367	0.632812	1.17768	1.17768	2.32132	4.24404	1.62515	1
cg10150615	1.12827	0.0972352	1.24347	1.24347	2.32131	0.52698	0.201795	1
cg00960702	1.41116	0.735473	1.07742	1.07742	2.3213	1.77799	0.680842	1
cg09528449	13.3545	0.037795	7.02482	7.02482	2.3213	24.0775	9.21996	1
cg00474889	-1.58761	0.246831	0.542651	-1.8428	2.32127	9.36792	3.58727	1
cg14307892	-1.41474	0.241267	0.746026	-1.34044	2.32127	2.0974	0.80316	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14642467	NPDC1	0.124899	0.431796	1.34089	1.34089	0.00867235	3.39793	3.39793	0.0705108	2.09387	2.09387	0.298979	1.48227	1.48227	0.999752	1.00011	1.00011	0.242617	0.639494	-1.56374	0.878172	1.05768	1.05768	0.925205	1.03493	1.03493	0.414419	0.737108	-1.35665	2.32125	4.91412	1.88179	1
cg11669285	PTRF	0.124899	0.0813154	3.18341	3.18341	0.906168	1.07322	1.07322	0.130977	2.65709	2.65709	0.562955	0.704356	-1.41974	0.103258	0.343716	-2.90938	0.154289	0.400985	-2.49386	0.0707994	0.298262	-3.35276	0.270797	1.9879	1.9879	0.804413	1.16031	1.16031	2.32125	13.2023	5.05563	1
cg19840133	TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;TIMM17B;PQBP1;PQBP1	0.1249	0.025937	0.162391	-6.15798	0.616823	1.4146	1.4146	0.227817	2.38784	2.38784	0.833163	1.15607	1.15607	0.0931113	3.56127	3.56127	0.244947	0.433339	-2.30766	0.803193	0.842243	-1.18731	0.081697	0.265396	-3.76795	0.451862	0.590379	-1.69383	2.32124	17.3789	6.65502	1
cg23010258	TMEM14C;TMEM14C	0.1249	0.360579	0.836971	-1.19478	0.689441	0.926762	-1.07903	0.166272	1.32246	1.32246	0.601355	1.10496	1.10496	0.0142234	0.564042	-1.77292	0.267024	1.24477	1.24477	0.187786	0.767746	-1.30251	0.143532	0.742592	-1.34663	0.436395	0.860416	-1.16223	2.32124	1.31801	0.504716	1
cg06412409	ZNF295;ZNF295;ZNF295	0.124903	0.231254	1.27483	1.27483	0.750341	0.940139	-1.06367	0.429364	1.16882	1.16882	0.160624	1.33616	1.33616	0.296679	0.811214	-1.23272	0.947956	0.987457	-1.0127	0.0115902	1.84098	1.84098	0.320051	1.2198	1.2198	0.16647	0.751806	-1.33013	2.32122	1.37459	0.526386	1
cg07020001	KDM2B;KDM2B	0.124914	0.700986	0.894199	-1.11832	0.372263	0.766821	-1.30409	0.228003	1.44303	1.44303	0.721497	1.10931	1.10931	0.089922	0.581721	-1.71904	0.0512111	1.90311	1.90311	0.0691225	0.554636	-1.80299	0.234385	0.696781	-1.43517	0.218132	0.686973	-1.45566	2.32113	3.08811	1.18261	1
cg24118052	RAB42	0.124916	0.158361	0.697157	-1.4344	0.0355605	0.556915	-1.79561	0.774109	0.933476	-1.07127	0.459136	0.835004	-1.1976	0.835229	0.951395	-1.05109	0.776844	0.93428	-1.07034	0.0167242	0.497215	-2.0112	0.0231286	0.522213	-1.91493	0.533375	0.85992	-1.1629	2.32111	2.10383	0.80568	1
cg19354746	TYMP;ODF3B;TYMP;TYMP	0.124918	0.966928	0.991598	-1.00847	0.449289	1.16989	1.16989	0.496575	1.15084	1.15084	0.816563	0.953812	-1.04843	0.649818	0.911173	-1.09749	0.958714	1.01059	1.01059	0.00401743	0.455381	-2.19597	0.36908	1.20652	1.20652	0.309419	0.807288	-1.23872	2.32109	1.52259	0.583094	1
cg10188659	FAM45B	0.124919	0.156185	1.57399	1.57399	0.946111	0.97999	-1.02042	0.0993495	0.582644	-1.71631	0.0696617	0.545152	-1.83435	0.0235136	0.445314	-2.24561	0.480934	1.2389	1.2389	0.373127	1.31443	1.31443	0.66247	0.876921	-1.14035	0.898831	0.962679	-1.03877	2.32108	3.28703	1.25881	1
cg14603620	RAPGEFL1	0.12492	0.192573	0.390013	-2.56401	0.221572	2.40416	2.40416	0.0490268	4.63808	4.63808	0.485176	1.62297	1.62297	0.34113	0.511848	-1.9537	0.256879	2.24324	2.24324	0.151775	0.350492	-2.85313	0.0779578	0.262564	-3.80859	0.939882	1.05285	1.05285	2.32108	17.1354	6.56224	1
cg17656396	RAB8A;RAB8A	0.124921	0.30192	0.89331	-1.11943	0.0742088	0.81069	-1.23352	0.169731	1.16683	1.16683	0.330092	0.899405	-1.11185	0.0146816	0.728411	-1.37285	0.393857	1.09651	1.09651	0.450301	0.922058	-1.08453	0.450507	0.922094	-1.08449	0.603033	1.05691	1.05691	2.32107	0.409086	0.156666	1
cg15904130	SLC22A18AS;SLC22A18;SLC22A18	0.124924	0.875986	0.954743	-1.0474	0.03398	2.08339	2.08339	0.00587499	2.91279	2.91279	0.471863	1.24237	1.24237	0.983026	1.00633	1.00633	0.532937	1.20597	1.20597	0.150449	1.57945	1.57945	0.687138	1.12757	1.12757	0.415882	1.27967	1.27967	2.32104	3.23279	1.23806	1
cg16061012	ARL4A;ARL4A;ARL4A	0.124924	0.0628789	0.447071	-2.23678	0.233893	1.61621	1.61621	0.282774	0.650932	-1.53626	0.52889	1.27816	1.27816	0.0813177	0.475525	-2.10294	0.720047	0.870709	-1.14849	0.148589	0.550993	-1.81491	0.16473	1.76861	1.76861	0.192165	1.70077	1.70077	2.32104	5.44012	2.08341	1
cg00989036	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.124924	0.435851	0.750565	-1.33233	0.102082	0.524234	-1.90755	0.0483187	0.442923	-2.25773	0.241404	0.642365	-1.55675	0.133312	0.557397	-1.79405	0.5517	0.804656	-1.24277	0.0413913	2.33741	2.33741	0.557493	1.23876	1.23876	0.603424	0.827656	-1.20823	2.32104	4.78867	1.83392	1
cg23221557	ARX	0.124925	0.185887	2.38895	2.38895	0.859991	1.11585	1.11585	0.433388	1.64272	1.64272	0.572072	1.42546	1.42546	0.539792	0.680172	-1.47022	0.361448	0.558523	-1.79044	0.120582	0.351573	-2.84436	0.00927442	7.7666	7.7666	0.751782	0.821179	-1.21776	2.32103	14.171	5.42708	1
cg11196398	ZBTB40;ZBTB40	0.124929	0.118329	0.753861	-1.3265	0.518012	1.11539	1.11539	0.6597	0.928823	-1.07663	0.568735	0.90848	-1.10074	0.820686	0.962876	-1.03855	0.0706298	1.40024	1.40024	0.0136156	1.66297	1.66297	0.444219	0.87812	-1.1388	0.975132	1.00521	1.00521	2.321	1.02066	0.39089	1
cg26262232	HLA-DMA	0.124929	0.388422	0.659345	-1.51666	0.755512	1.15856	1.15856	0.0773732	2.52218	2.52218	0.0679918	2.61985	2.61985	0.0526908	0.354231	-2.82302	0.594166	1.2884	1.2884	0.0980149	2.35186	2.35186	0.260774	1.73786	1.73786	0.79818	0.886268	-1.12833	2.321	8.16137	3.12562	1
cg18176842	FAM84A	0.124931	0.081887	0.359615	-2.78075	0.178015	2.13665	2.13665	0.0603274	3.07648	3.07648	0.567137	0.735756	-1.35915	0.220664	0.505071	-1.97992	0.75785	0.848699	-1.17827	0.362741	1.64253	1.64253	0.186983	0.476169	-2.10009	0.117017	0.405239	-2.46768	2.32098	10.3444	3.9617	1
cg01012936	NUAK2	0.124931	0.437888	0.683211	-1.46368	0.117183	2.2689	2.2689	0.253113	1.77645	1.77645	0.317122	1.64519	1.64519	0.846342	0.910829	-1.0979	0.0292932	3.44224	3.44224	0.274664	1.72836	1.72836	0.0174388	4.02816	4.02816	0.764062	0.865095	-1.15594	2.32098	8.51935	3.26275	1
cg24855075	LHFPL5;LHFPL5	0.124932	0.36727	0.84001	-1.19046	0.118774	0.727067	-1.37539	0.305757	1.22093	1.22093	0.990876	1.00215	1.00215	0.290954	0.8136	-1.22911	0.301084	1.22347	1.22347	0.01748	0.580122	-1.72378	0.277523	0.808497	-1.23686	0.072112	0.685328	-1.45916	2.32097	1.30252	0.49884	1
cg21222370	RALGDS	0.124933	0.802093	1.05345	1.05345	0.826498	0.955506	-1.04657	0.273614	0.789615	-1.26644	0.606551	0.897891	-1.11372	0.0524507	0.633028	-1.57971	0.136129	1.39509	1.39509	0.0105007	0.512901	-1.94969	0.79129	0.946495	-1.05653	0.842859	0.959684	-1.04201	2.32097	1.58014	0.605168	1
cg03823108	PSMF1;PSMF1	0.124935	0.0997954	0.696013	-1.43676	0.122965	1.39901	1.39901	0.45879	1.16366	1.16366	0.878324	0.969688	-1.03126	0.548552	1.12972	1.12972	0.350356	1.21305	1.21305	0.0367004	0.614056	-1.62852	0.335045	0.81894	-1.22109	0.119408	1.40429	1.40429	2.32095	1.48391	0.568317	1
cg05699018	SFRP5;SFRP5	0.124935	0.00751618	0.175379	-5.70194	0.556953	0.740371	-1.35067	0.917485	1.05384	1.05384	0.427312	1.50699	1.50699	0.997709	0.998548	-1.00145	0.0603453	0.342367	-2.92084	0.8163	0.888917	-1.12496	0.266897	1.79555	1.79555	0.684243	0.813103	-1.22986	2.32094	9.41225	3.60476	1
cg20423942	KAT5;KAT5;KAT5;KAT5;KAT5;KAT5	0.124936	0.482128	0.811248	-1.23267	0.0422723	1.9837	1.9837	0.0945964	0.583923	-1.71255	0.895256	0.962166	-1.03932	?	?	?	0.648814	1.14368	1.14368	0.117989	1.64383	1.64383	0.219278	0.685046	-1.45976	0.209726	0.679038	-1.47267	2.34281	2.82771	1.20697	1
cg16681977	UBIAD1	0.124944	0.537503	1.14194	1.14194	0.855949	1.03939	1.03939	0.251125	1.29033	1.29033	0.36631	1.21812	1.21812	0.0451308	0.613445	-1.63014	0.538873	0.876107	-1.14141	0.0149157	0.529172	-1.88974	0.325355	0.805821	-1.24097	0.484973	0.859972	-1.16283	2.32087	1.66116	0.63622	1
cg26709537	HNRNPA3	0.124945	0.470478	0.777857	-1.28558	0.849036	1.06738	1.06738	0.785692	1.09774	1.09774	0.0115052	0.339064	-2.9493	0.995856	0.998225	-1.00178	0.929717	0.970266	-1.03064	0.560097	0.817414	-1.22337	0.0122304	0.343683	-2.90965	0.6518	0.856043	-1.16816	2.32087	4.30342	1.6482	1
cg19206986	ATP8A1;ATP8A1;ATP8A1;ATP8A1	0.124945	0.786715	0.948317	-1.0545	0.369088	1.19781	1.19781	0.99168	0.997962	-1.00204	0.413661	1.17764	1.17764	0.977922	1.00543	1.00543	0.486187	0.870708	-1.14849	0.00417626	0.471888	-2.11915	0.417024	1.1762	1.1762	0.442329	0.857894	-1.16565	2.32086	1.40721	0.538961	1
cg10940023	SRRM4	0.124946	0.0711393	0.258811	-3.86383	0.234099	0.433271	-2.30802	0.528013	1.53527	1.53527	0.401253	0.562094	-1.77906	0.270949	0.463695	-2.15659	0.243878	0.441509	-2.26496	0.00960032	0.110963	-9.01203	0.0852218	0.279164	-3.58213	0.134585	0.339002	-2.94983	2.32086	16.5265	6.32965	1
cg02447239	SH3BP4	0.124946	0.0236943	0.323195	-3.09411	0.0760372	2.28354	2.28354	0.808904	1.10665	1.10665	0.163886	0.537228	-1.86141	0.864629	0.93112	-1.07398	0.886127	1.06176	1.06176	0.124171	0.498407	-2.00639	0.106227	0.478138	-2.09145	0.717222	0.858883	-1.1643	2.32085	6.42997	2.46268	1
cg02982722	ZSWIM3;ACOT8	0.124947	0.268952	1.14348	1.14348	0.158618	1.19182	1.19182	0.228468	1.15858	1.15858	0.297461	1.13404	1.13404	0.522419	1.07842	1.07842	0.125087	0.824206	-1.21329	0.0464772	0.766774	-1.30416	0.095604	1.23762	1.23762	0.444291	1.09507	1.09507	2.32085	0.498475	0.190917	1
cg12644264	COL24A1;COL24A1	0.124947	0.399647	0.403143	-2.48051	0.14352	5.23903	5.23903	0.573976	0.549622	-1.81943	0.643746	0.612209	-1.63343	0.708269	0.672977	-1.48593	0.817764	1.27531	1.27531	0.41783	2.3925	2.3925	0.0144631	23.9309	23.9309	0.0378117	12.6518	12.6518	2.32084	40.8055	15.6286	1
cg03815917	MED15;MED15	0.124949	0.369417	0.582094	-1.71793	0.196856	0.448898	-2.22768	0.32268	0.548986	-1.82154	0.34815	1.76301	1.76301	0.0353338	0.237242	-4.2151	0.121258	0.372979	-2.68112	0.0275514	0.216581	-4.61721	0.207709	0.458476	-2.18114	0.0671197	0.299811	-3.33543	2.32083	12.6663	4.85127	1
ch.8.419879R	CNOT7	0.124951	0.0247953	0.243371	-4.10896	0.566139	0.735849	-1.35898	0.452884	0.667364	-1.49843	0.155964	0.448083	-2.23173	0.0137182	0.199543	-5.01144	0.48264	0.685659	-1.45845	0.0380942	0.280437	-3.56587	0.265218	0.54114	-1.84795	0.668912	0.796508	-1.25548	2.32081	10.281	3.93772	1
cg17739626	SGCD;SGCD;SGCD	0.124957	0.40033	0.605123	-1.65256	0.00297613	0.0927316	-10.7838	0.21582	0.467637	-2.13841	0.941658	0.958193	-1.04363	0.194562	0.449021	-2.22707	0.374877	0.587768	-1.70135	0.395789	0.60205	-1.66099	0.359779	0.577308	-1.73218	0.843075	1.1226	1.1226	2.32076	12.5134	4.79281	1
cg10433048	SEMA6D;SEMA6D;SEMA6D;SEMA6D;SEMA6D;SEMA6D	0.124957	0.160131	0.803364	-1.24477	0.139983	1.26071	1.26071	0.651315	1.06863	1.06863	0.783394	0.960594	-1.04102	0.276176	0.847673	-1.1797	0.694553	0.944048	-1.05927	0.0885972	0.760279	-1.31531	0.030809	0.690722	-1.44776	0.166001	1.2405	1.2405	2.32076	0.782363	0.299658	1
cg01705214	INTS1	0.124959	0.745738	1.07084	1.07084	0.0370331	1.66426	1.66426	0.082364	1.49896	1.49896	0.761518	0.937979	-1.06612	0.183372	0.743091	-1.34573	0.390905	1.20312	1.20312	0.0475502	1.61077	1.61077	0.143416	1.39199	1.39199	0.573285	0.887176	-1.12717	2.32074	1.62635	0.622922	1
cg00361025	POU6F2;POU6F2	0.124967	0.501235	0.744122	-1.34387	0.568231	1.28367	1.28367	0.89933	0.946677	-1.05633	0.808258	0.900086	-1.111	0.00455021	0.194711	-5.13582	0.832277	0.912268	-1.09617	0.0592411	0.397688	-2.51453	0.705737	0.84854	-1.17849	0.23873	0.586112	-1.70616	2.32067	6.88979	2.639	1
cg00389341	TMEM217;TMEM217	0.124968	0.138746	0.720174	-1.38855	0.668614	0.915123	-1.09275	0.906268	0.976029	-1.02456	0.623759	1.1072	1.1072	0.0132938	0.531594	-1.88113	0.0850214	1.48033	1.48033	0.801484	0.949431	-1.05326	0.512509	0.872129	-1.14662	0.125851	0.710943	-1.40658	2.32067	1.55938	0.597293	1
cg19394857	EIF1	0.124969	0.641315	1.19381	1.19381	0.467676	0.756519	-1.32184	0.518189	1.28061	1.28061	0.234775	0.624858	-1.60036	0.534318	1.26824	1.26824	0.0050753	0.246915	-4.04998	0.157451	0.565077	-1.76967	0.905506	0.956151	-1.04586	0.377236	0.71027	-1.40792	2.32066	5.23989	2.00705	1
cg16660041	IQCF1	0.12497	0.701703	0.799708	-1.25046	0.197773	0.453564	-2.20476	0.0342425	0.238191	-4.19831	0.0109414	0.156497	-6.38989	0.702392	0.800146	-1.24977	0.484279	1.51105	1.51105	0.321815	0.551882	-1.81198	0.457161	0.644193	-1.55233	0.0905789	0.338603	-2.95331	2.32065	12.3968	4.7484	1
cg04226366	DIDO1;DIDO1;DIDO1	0.124971	0.0640209	4.205	4.205	0.030786	5.75669	5.75669	0.106778	3.3705	3.3705	0.220103	2.43435	2.43435	0.134444	3.0455	3.0455	0.875424	1.11433	1.11433	0.318956	2.03544	2.03544	0.0150634	7.85756	7.85756	0.24751	2.3032	2.3032	2.32065	17.5	6.70311	1
cg26986438	FOXK2	0.124971	0.0659267	0.70391	-1.42064	0.0644293	0.702199	-1.4241	0.603893	1.09316	1.09316	0.249678	0.814869	-1.22719	0.138367	0.762234	-1.31193	0.01062	0.578822	-1.72765	0.287377	0.828628	-1.20681	0.303789	0.834229	-1.19871	0.917829	0.982592	-1.01772	2.32064	1.06436	0.407688	1
cg01012244	SND1	0.124972	0.212959	0.516647	-1.93556	0.0328888	3.5128	3.5128	0.551547	1.35432	1.35432	0.247185	0.543783	-1.83897	0.153858	0.46362	-2.15694	0.402681	0.649733	-1.53909	0.204619	0.5097	-1.96194	0.852396	1.09832	1.09832	0.0620066	0.347151	-2.88059	2.32063	9.31684	3.5687	1
cg01900413	ETS1	0.124973	0.835822	0.9376	-1.06655	0.146061	1.62338	1.62338	0.0459754	2.03428	2.03428	0.854989	1.05845	1.05845	0.0358127	0.468443	-2.13473	0.597256	1.18004	1.18004	0.13075	0.602501	-1.65975	0.327181	1.36897	1.36897	0.716963	1.11967	1.11967	2.32062	3.54317	1.35717	1
cg00561191	GNMT	0.124974	0.346918	0.862108	-1.15995	0.367504	1.15236	1.15236	0.136038	0.781857	-1.27901	0.604856	0.92315	-1.08325	0.774903	0.957028	-1.0449	0.872152	0.97563	-1.02498	0.293747	0.846335	-1.18156	0.303766	0.849447	-1.17724	0.00420427	0.55583	-1.79911	2.32062	0.86253	0.330383	1
cg08201451	VAC14	0.124974	0.75572	1.21176	1.21176	0.0194574	0.166764	-5.99649	0.0404889	0.225588	-4.43287	0.359066	1.79069	1.79069	0.491105	0.649689	-1.5392	0.202475	0.433993	-2.30419	0.145694	0.378477	-2.64217	0.109764	0.337234	-2.9653	0.834509	1.13738	1.13738	2.45286	14.3919	4.56354	1
cg07601985	RBBP5	0.124977	0.970876	1.00656	1.00656	0.761406	1.05604	1.05604	0.0285581	1.58811	1.58811	0.620472	0.914509	-1.09348	0.501683	1.12985	1.12985	0.505606	1.12855	1.12855	0.352983	0.842731	-1.18662	0.0257827	0.622506	-1.60641	0.189371	1.28262	1.28262	2.3206	1.17806	0.451248	1
cg26530942	ARMC9	0.124977	0.221374	0.416903	-2.39864	0.0554386	4.38244	4.38244	0.177187	2.65442	2.65442	0.409202	1.77624	1.77624	0.129585	0.328053	-3.04828	0.874884	0.898302	-1.11321	0.0502917	0.218977	-4.56669	0.994764	1.00448	1.00448	0.325236	0.500874	-1.99651	2.3206	17.026	6.52171	1
cg21367783	FOXK1	0.124979	0.270512	0.805372	-1.24166	0.104399	1.39781	1.39781	0.18981	1.29953	1.29953	0.27326	1.24	1.24	0.241735	1.26008	1.26008	0.345361	0.832471	-1.20124	0.154541	1.33309	1.33309	0.379044	0.843444	-1.18561	0.0582981	0.667854	-1.49733	2.32058	1.30819	0.501099	1
cg15297650	TMEM163	0.124984	0.30195	0.570115	-1.75403	0.0725047	2.8661	2.8661	0.491122	0.692487	-1.44407	0.874417	0.920252	-1.08666	0.0552443	0.319229	-3.13255	0.0465849	0.301956	-3.31174	0.783934	0.865524	-1.15537	0.250673	0.532226	-1.8789	0.0738988	0.351091	-2.84826	2.32053	10.1468	3.88677	1
cg05044173	CD4	0.124985	0.248633	0.67343	-1.48494	0.707808	0.883875	-1.13138	0.410931	0.759069	-1.3174	0.0703718	0.515253	-1.9408	0.870554	0.947937	-1.05492	0.120963	1.73554	1.73554	0.023839	2.42086	2.42086	0.791452	1.09077	1.09077	0.305606	0.706253	-1.41592	2.32052	3.95031	1.51319	1
cg19098314	GOSR1;GOSR1;GOSR1	0.124985	0.477796	1.22101	1.22101	0.0774094	0.580936	-1.72136	0.140525	1.5506	1.5506	0.324412	0.75461	-1.32519	0.0719029	1.74344	1.74344	0.0635545	1.78092	1.78092	0.554306	1.17996	1.17996	0.250602	1.39394	1.39394	0.435176	0.802294	-1.24643	2.32052	2.81312	1.07758	1
cg16409651	LITAF;LITAF;LITAF;LITAF	0.124988	0.495409	0.821105	-1.21787	0.419432	1.26478	1.26478	0.0144695	0.424014	-2.35841	0.869441	0.95424	-1.04795	0.016743	0.435415	-2.29666	0.878239	0.957286	-1.04462	0.323234	0.747873	-1.33712	0.322686	0.747611	-1.33759	0.209059	0.685899	-1.45794	2.3205	2.97964	1.14138	1
cg12532791	TIMM8B;SDHD;TIMM8B	0.124994	0.187583	1.29458	1.29458	0.385481	1.17878	1.17878	0.864952	0.969021	-1.03197	0.471503	0.873361	-1.145	0.00854815	1.8594	1.8594	0.280231	1.23061	1.23061	0.805403	0.955393	-1.04669	0.338668	0.833325	-1.20001	0.108812	1.38172	1.38172	2.32045	1.25604	0.481149	1
cg19585646	TPO;TPO;TPO;TPO	0.124996	0.94036	1.04925	1.04925	0.546963	0.675955	-1.47939	0.530473	0.664794	-1.50423	0.127793	0.347186	-2.8803	0.0614885	0.258335	-3.87094	0.354317	0.542119	-1.84461	0.281282	2.0534	2.0534	0.00827695	0.114253	-8.75249	0.814943	0.860155	-1.16258	2.32043	15.1714	5.81171	1
cg11584989	SF4	0.124997	0.920897	0.977657	-1.02285	0.768182	0.93497	-1.06955	0.322024	1.26204	1.26204	0.0658249	0.625263	-1.59933	0.00509928	0.43085	-2.32099	0.538165	0.867799	-1.15234	0.513384	0.860032	-1.16275	0.723405	0.922342	-1.0842	0.348887	0.803012	-1.24531	2.32043	1.90193	0.728573	1
cg00374101	CNBD1	0.125	0.027505	0.543497	-1.83994	0.762053	0.93144	-1.07361	0.13425	0.685449	-1.4589	0.0751798	0.629148	-1.58945	0.952937	0.986291	-1.0139	0.640579	0.895858	-1.11625	0.0594252	1.64484	1.64484	0.807179	0.944415	-1.05886	0.480166	1.18277	1.18277	2.3204	2.01017	0.770045	1
cg17841803	PYGO1	0.125007	0.752325	0.963752	-1.03761	0.0669515	0.787024	-1.27061	0.602138	0.940502	-1.06326	0.364093	0.896937	-1.11491	0.862714	1.02039	1.02039	0.233621	1.15677	1.15677	0.0124596	0.695846	-1.4371	0.548365	0.93162	-1.0734	0.200319	1.17089	1.17089	2.32034	0.499814	0.191471	1
cg18281160	CADM1;CADM1	0.125008	0.368788	1.19378	1.19378	0.286845	1.23641	1.23641	0.048993	1.53924	1.53924	0.103025	1.40807	1.40807	0.908315	0.978137	-1.02235	0.0428386	1.56405	1.56405	0.818297	0.956806	-1.04514	0.286386	1.23668	1.23668	0.015662	1.76556	1.76556	2.32033	1.35301	0.518319	1
cg05512669	AKD1;AKD1;FIG4;FIG4	0.125009	0.113993	0.687694	-1.45414	0.137278	1.41697	1.41697	0.455445	1.18003	1.18003	0.915538	0.977164	-1.02337	0.706635	1.08582	1.08582	0.0402186	0.59682	-1.67555	0.0721647	0.645964	-1.54807	0.0938739	0.669552	-1.49354	0.875307	0.966382	-1.03479	2.32033	1.74255	0.667551	1
cg17479811	ZNF705A	0.12501	0.873348	1.05158	1.05158	0.0116443	0.370054	-2.70231	0.0363484	0.464353	-2.15353	0.983287	0.993418	-1.00663	0.962617	0.985332	-1.01489	0.865168	1.05504	1.05504	0.155329	1.61509	1.61509	0.940245	0.976641	-1.02392	0.735672	1.11274	1.11274	2.32031	3.65268	1.39931	1
cg12645284	ADAMTS7	0.125018	0.109526	2.38797	2.38797	0.0695557	2.7529	2.7529	0.878808	1.07909	1.07909	0.709622	1.20515	1.20515	0.92403	1.04873	1.04873	0.72741	1.19075	1.19075	0.00527015	6.26689	6.26689	0.140622	2.20502	2.20502	0.712536	1.20277	1.20277	2.32025	9.14596	3.50383	1
cg23909079	GRID1	0.125023	0.278045	0.821479	-1.21732	0.0435759	1.49861	1.49861	0.410167	0.863436	-1.15816	0.630092	0.918881	-1.08828	0.223847	0.800288	-1.24955	0.344833	0.843978	-1.18486	0.096668	1.37429	1.37429	0.119946	1.34193	1.34193	0.225354	1.24856	1.24856	2.32021	1.11686	0.427879	1
cg09518720	KCNQ1OT1;KCNQ1;KCNQ1	0.125023	0.784015	0.92294	-1.08349	0.111376	0.60281	-1.6589	0.364512	0.761877	-1.31255	0.552836	1.19154	1.19154	0.849405	1.05705	1.05705	0.355636	1.3196	1.3196	0.00533031	0.342502	-2.91969	0.432185	0.791389	-1.2636	0.450852	0.799129	-1.25136	2.3202	3.13044	1.1993	1
cg22117172	CYP51A1;CYP51A1	0.125026	0.837012	1.05411	1.05411	0.117025	0.646868	-1.54591	0.462088	0.825697	-1.2111	0.244553	1.3654	1.3654	0.243438	0.731798	-1.3665	0.753953	0.92271	-1.08376	0.0149303	0.464977	-2.15064	0.205797	0.710731	-1.407	0.182011	1.43678	1.43678	2.32018	2.40513	0.921435	1
cg11256364	MDFIC;MDFIC;MDFIC	0.125027	0.09996	0.648917	-1.54103	0.0725341	0.618353	-1.6172	0.923305	0.977163	-1.02337	0.0303637	0.543013	-1.84158	0.639493	1.11983	1.11983	0.0249045	0.527096	-1.89719	0.842421	0.953371	-1.04891	0.422627	0.821603	-1.21713	0.539085	1.16089	1.16089	2.32017	2.11491	0.81025	1
cg01565774	IKZF4	0.125027	0.0876668	0.522648	-1.91334	0.104593	0.543038	-1.84149	0.514377	1.25556	1.25556	0.752591	0.896871	-1.11499	0.326584	0.705677	-1.41708	0.114859	0.554251	-1.80424	0.00787387	0.309297	-3.23314	0.351759	0.719043	-1.39074	0.265823	0.670931	-1.49047	2.32017	4.35312	1.66774	1
cg06429636	ZNF646	0.125029	0.78319	0.916138	-1.09154	0.0173026	2.51084	2.51084	0.0226887	2.37787	2.37787	0.869819	1.05346	1.05346	0.466025	0.790124	-1.26562	0.630934	1.16615	1.16615	0.874988	0.951234	-1.05127	0.329754	1.37627	1.37627	0.27962	0.699828	-1.42892	2.32016	3.7053	1.41956	1
cg13396682	UBP1;UBP1;UBP1	0.12503	0.619676	1.72201	1.72201	0.65047	1.64134	1.64134	0.819723	1.28142	1.28142	0.0304924	0.0631641	-15.8318	0.978913	0.971698	-1.02913	0.034669	0.0689	-14.5138	0.522414	2.02227	2.02227	0.179941	4.69735	4.69735	0.166971	4.95539	4.95539	2.32015	43.3608	16.6123	1
cg00731886	KIAA1530	0.12503	0.0574148	0.631555	-1.58339	0.100189	0.68035	-1.46983	0.044841	0.611162	-1.63623	0.871372	1.03526	1.03526	0.0523235	0.623814	-1.60304	0.545567	1.13974	1.13974	0.215511	1.32149	1.32149	0.571145	0.884805	-1.13019	0.548771	0.878326	-1.13853	2.32015	1.68022	0.643721	1
cg14671384	SLC38A4;SLC38A4	0.12503	0.238217	0.452639	-2.20926	0.25015	2.16206	2.16206	0.8308	0.871714	-1.14716	0.745589	0.811487	-1.23231	0.206212	0.425075	-2.35253	0.107821	0.324372	-3.08288	0.020599	0.167079	-5.98519	0.110348	3.05396	3.05396	0.877316	1.1042	1.1042	2.32015	15.1273	5.79553	1
cg10617224	WSB2	0.125031	0.363873	0.62654	-1.59607	0.0071372	0.17535	-5.70288	0.129988	0.440645	-2.2694	0.497651	1.41197	1.41197	0.106563	0.413566	-2.41799	0.494092	0.706142	-1.41615	0.171436	0.482127	-2.07414	0.923834	0.953216	-1.04908	0.63427	1.27142	1.27142	2.32014	9.22521	3.53435	1
cg24631547	CDK4	0.125031	0.178347	0.537696	-1.85979	0.0765305	0.425343	-2.35104	0.0733698	0.420511	-2.37806	0.646643	1.22174	1.22174	0.0717516	0.41798	-2.39246	0.41439	0.696273	-1.43622	0.0111695	0.251617	-3.97429	0.808886	0.900201	-1.11086	0.531193	0.759407	-1.31682	2.32013	6.91783	2.65036	1
cg19324513	B3GNTL1	0.125033	0.744939	0.851209	-1.1748	0.110949	0.424422	-2.35615	0.447797	0.682629	-1.46492	0.268799	1.76542	1.76542	0.0148979	0.228126	-4.38355	0.745954	0.851779	-1.17401	0.0388152	0.307081	-3.25647	0.955063	1.0282	1.0282	0.173284	0.48915	-2.04436	2.32012	8.94947	3.42874	1
cg20062650	LOC387763	0.125036	0.287821	1.70387	1.70387	0.153301	2.09257	2.09257	0.387432	1.53386	1.53386	0.484805	1.4089	1.4089	0.0171593	0.245972	-4.06551	0.540175	1.34913	1.34913	0.0495791	2.95007	2.95007	0.880949	1.07505	1.07505	0.985122	1.00905	1.00905	2.3201	8.56842	3.28278	1
cg22914897	MZF1;MZF1;LOC100131691	0.125036	0.699686	1.25646	1.25646	0.0228367	4.97406	4.97406	0.0513284	3.69444	3.69444	0.328435	1.81142	1.81142	0.0751039	0.311191	-3.21346	0.823332	1.14077	1.14077	0.299441	1.88398	1.88398	0.189887	2.26546	2.26546	0.708121	1.24796	1.24796	2.32009	12.747	4.88371	1
cg10910055	FGF9;FGF9	0.125039	0.3925	1.20623	1.20623	0.345402	1.23121	1.23121	0.312661	1.25049	1.25049	0.266764	1.28101	1.28101	0.401288	0.832039	-1.20187	0.276278	1.27429	1.27429	0.931437	0.98175	-1.01859	0.00374572	2.31107	2.31107	0.455607	1.17662	1.17662	2.32007	1.68335	0.644942	1
cg19308132	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.125039	0.201249	0.415293	-2.40794	0.270526	0.473802	-2.11058	0.399615	0.570393	-1.75318	0.33214	0.521299	-1.91829	0.0509616	0.235147	-4.25266	0.371334	0.550099	-1.81785	0.00595373	0.0961877	-10.3963	0.0734085	0.272605	-3.66831	0.26064	0.465847	-2.14663	2.32007	15.5771	5.96806	1
cg26777074	NDUFA7;RPS28	0.125041	0.0196148	0.484979	-2.06194	0.181912	1.43856	1.43856	0.460283	1.21281	1.21281	0.456329	1.21495	1.21495	0.714853	0.910128	-1.09875	0.955241	0.985698	-1.01451	0.0295577	0.518124	-1.93004	0.449565	0.820574	-1.21866	0.997728	0.999269	-1.00073	2.32005	2.42023	0.92727	1
cg19577016	ASCC1;C10orf104	0.125041	0.873656	0.935042	-1.06947	0.4705	1.36322	1.36322	0.863059	0.929729	-1.07558	0.33857	0.659454	-1.51641	0.347518	1.50417	1.50417	0.152386	1.90981	1.90981	0.109169	0.478421	-2.09021	0.0523532	2.53771	2.53771	0.0332242	2.8592	2.8592	2.32005	6.54522	2.50769	1
cg26984961	CREB5;CREB5	0.125042	0.206423	0.575418	-1.73787	0.156932	1.87351	1.87351	0.714142	0.8585	-1.16482	0.739308	1.14854	1.14854	0.133958	0.511566	-1.95478	0.706997	1.16953	1.16953	0.118724	0.495436	-2.01842	0.0211857	3.15552	3.15552	0.841926	1.08633	1.08633	2.32005	6.31938	2.42117	1
cg14249856	PTPN12;PTPN12;PTPN12	0.125043	0.0227024	1.32581	1.32581	0.0208979	1.33298	1.33298	0.0905864	1.21264	1.21264	0.723347	1.03744	1.03744	0.873382	1.01663	1.01663	0.989116	1.00141	1.00141	0.237068	0.879777	-1.13665	0.672063	1.04501	1.04501	0.466795	1.07958	1.07958	2.32004	0.392868	0.150522	1
cg17775016	PTPRN2;PTPRN2;PTPRN2	0.125044	0.138686	0.671494	-1.48922	0.0270349	0.519925	-1.92336	0.259521	0.745362	-1.34163	0.993012	1.00219	1.00219	0.0319595	0.533683	-1.87377	0.647605	0.891379	-1.12186	0.919293	1.02565	1.02565	0.146185	0.677226	-1.47661	0.0315944	0.532728	-1.87713	2.32003	2.29377	0.878828	1
cg08269733	CDH8	0.125055	0.206498	0.800986	-1.24846	0.53838	1.10933	1.10933	0.123289	0.757262	-1.32055	0.787417	1.04605	1.04605	0.711287	0.939959	-1.06388	0.17596	0.786907	-1.2708	0.119641	1.32477	1.32477	0.309553	1.19141	1.19141	0.0236417	0.637622	-1.56833	2.31993	1.01919	0.390507	1
cg16645539	SNAPC3	0.125056	0.180615	2.51522	2.51522	0.273444	0.478487	-2.08992	0.439102	1.6633	1.6633	0.882283	1.09994	1.09994	?	?	?	0.0237599	0.167888	-5.95636	?	?	?	0.0983953	0.306659	-3.26095	0.50018	0.643441	-1.55414	2.49823	12.4486	4.98298	1
cg04553309	MYO9B;MYO9B	0.125056	0.233426	0.707853	-1.41272	0.494863	0.825557	-1.2113	0.0984933	0.605855	-1.65056	0.519198	0.83467	-1.19808	0.00422445	0.346682	-2.88449	0.753985	1.09084	1.09084	0.668484	1.12653	1.12653	0.476836	0.818687	-1.22147	0.27775	0.731859	-1.36638	2.31993	2.81037	1.0768	1
cg09759521	ZDHHC22	0.125058	0.134279	1.14043	1.14043	0.0436721	1.20771	1.20771	0.0435247	1.20791	1.20791	0.0641414	0.844262	-1.18447	0.478412	0.943039	-1.0604	0.449409	1.06474	1.06474	0.724165	1.02925	1.02925	0.666887	1.03587	1.03587	0.812029	1.01958	1.01958	2.31991	0.243326	0.0932319	1
cg27160701	MUCL1	0.12506	0.206136	0.547804	-1.82547	0.375776	0.663505	-1.50715	0.110701	0.456413	-2.191	0.611487	0.793598	-1.26008	0.285978	0.606479	-1.64886	0.258284	0.587235	-1.7029	0.0223334	0.29068	-3.44021	0.00915748	0.224543	-4.45349	0.190799	0.535173	-1.86855	2.31989	7.48311	2.86722	1
cg15021670	PLA2G4D;PLA2G4D	0.12506	0.301805	0.555144	-1.80133	0.359408	1.67937	1.67937	0.355715	1.68648	1.68648	0.367338	0.600823	-1.66438	0.00413459	0.120579	-8.2933	0.942572	1.04043	1.04043	0.61368	0.755744	-1.3232	0.799392	0.869273	-1.15039	0.701392	0.808999	-1.2361	2.31989	11.1204	4.26087	1
cg22837251	SNORD116-2	0.125063	0.083946	0.358106	-2.79247	0.0671379	0.332257	-3.00972	0.461047	1.49628	1.49628	0.872848	0.917587	-1.08982	0.231261	0.509513	-1.96266	0.304595	0.565006	-1.76989	0.0664558	0.331124	-3.02001	0.477951	1.47318	1.47318	0.0265212	0.243602	-4.10506	2.31987	10.5949	4.05959	1
cg21627218	SLC17A9	0.125068	0.470773	0.849634	-1.17698	0.162273	1.39289	1.39289	0.699199	1.09006	1.09006	0.160168	1.39553	1.39553	0.486621	0.854711	-1.16999	0.343111	0.804995	-1.24224	0.801243	0.945517	-1.05762	0.0105869	0.489661	-2.04223	0.25936	0.770021	-1.29867	2.31983	1.81234	0.694434	1
cg14864184	ATP11A;ATP11A	0.125071	0.870499	1.0483	1.0483	0.0408577	0.505417	-1.97856	0.0103988	0.393461	-2.54155	0.853713	1.05481	1.05481	0.853413	0.947936	-1.05492	0.511202	0.824786	-1.21244	0.331581	1.33588	1.33588	0.124207	0.618017	-1.61808	0.553972	0.841086	-1.18894	2.3198	3.07036	1.17649	1
cg10239600	CDC42BPB	0.125072	0.720166	1.16957	1.16957	0.495413	1.35176	1.35176	0.72883	0.859383	-1.16363	0.782091	0.886273	-1.12832	0.00562583	0.205458	-4.86719	0.5294	0.757731	-1.31973	0.654566	0.821934	-1.21664	0.0399407	0.355604	-2.81212	0.753969	0.87206	-1.14671	2.31979	6.96566	2.66908	1
cg15468564	ST8SIA6	0.125073	0.755932	0.880939	-1.13515	0.704606	1.16749	1.16749	0.00911069	0.26001	-3.846	0.270148	0.626984	-1.59494	0.0874778	0.464401	-2.15331	0.725814	0.866622	-1.15391	0.455758	0.73429	-1.36186	0.0370584	0.373676	-2.67612	0.183785	0.563651	-1.77415	2.31979	6.07319	2.32711	1
cg15720017	CUL3	0.125073	0.669433	0.904759	-1.10527	0.0527383	0.598597	-1.67057	0.00830504	0.45551	-2.19534	0.630206	0.893105	-1.11969	0.271054	1.3061	1.3061	0.778913	0.936514	-1.06779	0.912036	1.02609	1.02609	0.591573	0.881413	-1.13454	0.137515	0.688842	-1.45171	2.31978	1.99545	0.764613	1
cg25720815	HLA-J;NCRNA00171	0.125076	0.697783	0.610017	-1.6393	0.108276	9.20023	9.20023	0.592731	0.504657	-1.98154	0.653563	0.564264	-1.77222	0.00535662	0.00960321	-104.132	0.768182	0.68771	-1.4541	0.447565	2.66567	2.66567	0.783003	1.41862	1.41862	0.860832	1.24891	1.24891	2.31976	58.9446	22.5864	1
cg13097319	BBS2	0.125076	0.922576	0.986163	-1.01403	0.505891	1.10158	1.10158	0.0116119	0.636233	-1.57175	0.617839	0.930445	-1.07475	0.560448	1.08804	1.08804	0.176551	1.22865	1.22865	0.174302	0.812919	-1.23014	0.307801	0.859587	-1.16335	0.221328	1.20232	1.20232	2.31976	0.754725	0.289197	1
cg21946940	AP1B1;AP1B1;AP1B1	0.125077	0.374897	1.23073	1.23073	0.0828484	0.645446	-1.54932	0.0671546	0.626439	-1.59632	0.791946	1.06212	1.06212	0.838318	0.954494	-1.04768	0.128491	1.45431	1.45431	0.992472	0.997852	-1.00215	0.0334152	1.76226	1.76226	0.977864	0.993695	-1.00634	2.31975	1.90915	0.731554	1
cg19367293	HDAC4	0.125078	0.614456	1.1636	1.1636	0.0215337	0.43887	-2.27858	0.116579	1.66306	1.66306	0.182385	1.52526	1.52526	0.125027	0.609361	-1.64106	0.189242	1.51417	1.51417	0.946354	1.02028	1.02028	0.895815	1.03986	1.03986	0.692905	0.888336	-1.1257	2.31974	3.26941	1.25279	1
cg27136299	INO80B	0.125083	0.0809186	2.03571	2.03571	0.544306	1.25282	1.25282	0.0372986	2.42976	2.42976	0.14892	0.566349	-1.7657	0.145508	0.563235	-1.77546	0.359523	1.41344	1.41344	0.23473	0.632883	-1.58007	0.595898	0.821536	-1.21723	0.70469	0.869486	-1.1501	2.3197	4.95626	1.8992	1
cg03137908	LOC650623	0.125083	0.671179	1.146	1.146	0.0239876	0.42425	-2.3617	0.0124376	0.370577	-2.69849	0.432228	0.7743	-1.29149	0.0794708	0.537274	-1.86125	0.694144	0.881502	-1.13443	0.778582	1.09413	1.09413	0.41697	0.76741	-1.30308	0.497626	0.802722	-1.24576	2.3197	3.74179	1.43382	1
cg14745824	EDA;EDA;EDA;EDA;EDA	0.125085	0.270765	0.439612	-2.27473	0.00594373	0.0758928	-13.1765	0.0910242	0.263339	-3.79738	0.313243	0.473494	-2.11196	0.102171	0.277442	-3.60435	0.351529	0.502969	-1.9882	0.177446	0.357947	-2.79371	0.116504	0.294499	-3.3956	0.96604	0.969944	-1.03099	2.31968	18.8747	7.23269	1
cg21016855	PAX6;PAX6;PAX6	0.125086	0.319033	2.20457	2.20457	0.0156333	9.72963	9.72963	0.0323244	6.84783	6.84783	0.975337	0.976548	-1.02402	0.155965	3.20664	3.20664	0.173971	3.03532	3.03532	0.0773069	4.51592	4.51592	0.131798	3.48601	3.48601	0.973799	0.975103	-1.02553	2.31967	21.6499	8.29616	1
cg10081304	COL23A1	0.125087	0.218472	0.725	-1.37931	0.270701	0.752078	-1.32965	0.0247591	0.514743	-1.94272	0.481274	0.837068	-1.19465	0.0711021	1.65021	1.65021	0.324025	0.776427	-1.28795	0.80495	1.0634	1.0634	0.12107	0.658593	-1.51839	0.147887	0.679976	-1.47064	2.31966	2.2677	0.868977	1
cg18166990	SHANK2	0.125087	0.0981778	0.769685	-1.29923	0.165528	1.23793	1.23793	0.957995	1.00763	1.00763	0.474566	1.11065	1.11065	0.119618	0.783719	-1.27597	0.205628	1.21251	1.21251	0.787949	0.961841	-1.03967	0.799261	0.963894	-1.03746	0.022808	0.674906	-1.48169	2.31966	0.76511	0.293188	1
cg08547604	CAPS2	0.12509	0.339542	0.821689	-1.21701	0.0245819	0.586146	-1.70606	0.0276607	0.594856	-1.68108	0.548791	0.885997	-1.12867	0.560013	0.889067	-1.12477	0.948848	1.01288	1.01288	0.385685	1.19414	1.19414	0.0366823	0.616121	-1.62306	0.491707	0.869937	-1.14951	2.31964	1.46236	0.560378	1
cg04657715	TMEM30C;TMEM30C	0.125091	0.654703	0.890579	-1.12286	0.404707	1.24542	1.24542	0.0484101	1.78698	1.78698	0.0878941	0.615776	-1.62397	0.976685	0.992505	-1.00755	0.369166	1.26798	1.26798	0.0252491	1.98362	1.98362	0.433389	1.2285	1.2285	0.197194	1.42041	1.42041	2.31963	2.43454	0.932923	1
cg09616463	BRUNOL6	0.125092	0.0979906	3.30202	3.30202	0.942363	0.95353	-1.04874	0.10546	3.20271	3.20271	0.240104	2.24667	2.24667	?	?	?	0.06136	4.00353	4.00353	?	?	?	?	?	?	0.201517	0.411633	-2.42935	2.40229	10.9851	6.09698	1
cg05621401	RET;RET	0.125095	0.0137475	2.17862	2.17862	0.40832	0.805574	-1.24135	0.935686	1.02085	1.02085	0.74174	0.918935	-1.08822	0.260929	1.34949	1.34949	0.361049	0.786608	-1.27128	0.0577681	0.577854	-1.73054	0.567039	1.15941	1.15941	0.560183	0.860198	-1.16252	2.3196	2.40077	0.919997	1
cg16482324	AUTS2;AUTS2;AUTS2	0.125096	0.486282	0.893864	-1.11874	0.0156755	0.625127	-1.59968	0.108826	0.757768	-1.31966	0.130031	0.771531	-1.29612	0.36968	1.15733	1.15733	0.511479	1.1114	1.1114	0.083659	0.738119	-1.3548	0.884115	0.977134	-1.0234	0.563042	1.09717	1.09717	2.31959	0.924147	0.354143	1
cg18670765	C17orf81;C17orf81;C17orf81;C17orf81	0.125097	0.539347	0.863057	-1.15867	0.0595632	0.604155	-1.6552	0.729515	0.921031	-1.08574	0.742939	1.08112	1.08112	0.0568339	0.599996	-1.66668	0.0410688	0.571982	-1.74831	0.213908	0.733346	-1.36361	0.0989051	1.53539	1.53539	0.819818	0.947366	-1.05556	2.31958	2.06331	0.790682	1
cg11492932	CSMD1	0.125097	0.099842	0.635285	-1.5741	0.728993	0.916217	-1.09144	0.0818575	0.615649	-1.6243	0.60793	0.877935	-1.13904	0.189544	0.704964	-1.41851	0.055288	0.578921	-1.72735	0.116976	1.53485	1.53485	0.580111	0.868853	-1.15094	0.0458911	0.562317	-1.77836	2.31958	2.32515	0.891024	1
cg18963365	MFSD6L	0.125101	0.0771551	3.76015	3.76015	0.029978	5.58919	5.58919	0.363612	1.87623	1.87623	0.21487	2.41081	2.41081	0.0510266	4.4722	4.4722	0.14489	2.87267	2.87267	0.0323254	5.4148	5.4148	0.0884487	3.54949	3.54949	0.121744	3.09751	3.09751	2.31955	16.6874	6.39489	1
cg05932159	HLA-B	0.125101	0.233102	0.75843	-1.31851	0.485604	1.16965	1.16965	0.311644	1.26048	1.26048	?	?	?	0.27581	0.778245	-1.28494	0.122055	0.690301	-1.44864	0.358736	0.811632	-1.23209	0.0234093	1.82016	1.82016	0.554443	1.14138	1.14138	2.34138	1.61215	0.688548	1
cg26738568	MIR125A;NCRNA00085	0.125105	0.871902	0.951097	-1.05142	0.331825	1.36491	1.36491	0.970727	0.988663	-1.01147	0.599298	0.84812	-1.17908	0.634521	0.861743	-1.16044	0.00321042	0.286592	-3.48928	0.652811	1.15108	1.15108	0.982204	0.993093	-1.00695	0.581029	1.1891	1.1891	2.31952	3.5466	1.35913	1
cg23613857	REM2	0.125107	0.0344116	0.153335	-6.52168	0.0570659	0.194704	-5.136	0.154935	0.314463	-3.18002	0.0853753	0.23566	-4.2434	0.0326483	0.149563	-6.68614	0.184054	0.342674	-2.91822	0.303102	0.444548	-2.24947	0.0705455	0.215241	-4.64595	0.095777	0.248959	-4.01673	2.3195	21.219	8.13163	1
cg06222937	FAM168B	0.125109	0.784962	0.941809	-1.06179	0.442124	0.842154	-1.18743	0.0330366	0.579038	-1.727	0.305646	0.792546	-1.26176	0.052874	0.617351	-1.61982	0.0566079	0.623114	-1.60484	0.0998419	1.48482	1.48482	0.876998	0.966619	-1.03453	0.668807	0.909982	-1.09892	2.31948	1.76507	0.676423	1
cg04384208	FCGR3A;FCGR3A;FCGR3A;FCGR3A;FCGR3A	0.125125	0.107761	0.309158	-3.23459	0.0479152	0.22033	-4.53865	0.0825713	0.27637	-3.61833	0.0906745	0.28744	-3.47899	0.0179742	0.146174	-6.84116	0.452153	0.599102	-1.66916	0.474243	0.61461	-1.62705	0.0868903	0.28234	-3.54182	0.094983	0.293108	-3.41171	2.31934	16.4334	6.2981	1
cg04242728	TBC1D24	0.125127	0.964551	0.979167	-1.02128	0.046371	2.94746	2.94746	0.0111871	4.50869	4.50869	0.611196	1.2749	1.2749	0.151053	0.482437	-2.07281	0.963878	0.978775	-1.02169	0.745337	0.856943	-1.16694	0.497092	1.38625	1.38625	0.696335	0.830445	-1.20417	2.31932	8.24308	3.15919	1
cg14519717	C14orf102;C14orf102	0.125128	0.246407	1.31286	1.31286	0.828789	1.04984	1.04984	0.20818	1.34714	1.34714	0.517015	1.15897	1.15897	0.0956331	1.50842	1.50842	0.927606	0.9798	-1.02062	0.0252287	1.81776	1.81776	0.027637	1.7946	1.7946	0.250996	0.763879	-1.30911	2.31932	1.8524	0.709942	1
cg18290075	SGEF	0.125131	0.0349492	0.488767	-2.04596	0.432903	0.792059	-1.26253	0.840834	1.06032	1.06032	0.131542	0.62238	-1.60673	0.185567	0.664386	-1.50515	0.140749	1.58649	1.58649	0.0583144	0.536217	-1.86492	0.184027	0.663318	-1.50757	0.566496	1.18386	1.18386	2.3193	3.1167	1.1945	1
cg07070182	GAK	0.125132	0.331887	1.41596	1.41596	0.164678	0.597477	-1.6737	0.132292	0.568735	-1.75829	0.598897	1.20251	1.20251	0.215221	0.635568	-1.57339	0.482705	1.28129	1.28129	0.0276381	2.47127	2.47127	0.168452	1.66509	1.66509	0.376848	1.37035	1.37035	2.31929	4.43398	1.69936	1
cg24640516	C1orf107	0.125132	0.0776314	0.33195	-3.01251	0.0204097	0.207778	-4.81284	0.164844	0.434682	-2.30053	0.470641	0.661892	-1.51082	0.0933686	0.354265	-2.82275	0.0367929	0.255676	-3.91121	0.0454008	0.275162	-3.63422	0.387233	0.607547	-1.64596	0.232477	0.494591	-2.02187	2.31928	11.6128	4.45072	1
cg06723644	PARD3	0.125134	0.884694	1.0779	1.0779	0.163172	0.463268	-2.15858	0.0302267	0.267869	-3.73317	0.0258414	0.254632	-3.92724	0.472819	1.4586	1.4586	0.520776	1.40003	1.40003	0.227059	1.92631	1.92631	0.757174	1.1739	1.1739	0.908375	0.942219	-1.06132	2.31927	9.81652	3.7623	1
cg27340283	PRDM11	0.125135	0.0699498	0.291468	-3.43091	0.221739	0.45777	-2.1845	0.0493627	0.255463	-3.91446	0.235931	0.469703	-2.129	0.0296767	0.210714	-4.74577	0.21879	0.455249	-2.1966	0.0669625	0.286686	-3.48814	0.104053	0.339157	-2.94848	0.0432168	0.242948	-4.11611	2.31926	13.5967	5.21112	1
cg12193622	NFKBIZ;NFKBIZ	0.125136	0.32194	0.635664	-1.57316	0.502372	0.739752	-1.35181	0.247435	0.585393	-1.70825	0.0827748	0.42712	-2.34126	0.0268622	0.313185	-3.193	0.00829383	0.224372	-4.45689	0.369546	0.664939	-1.5039	0.171415	0.524785	-1.90554	0.382482	0.672612	-1.48674	2.31925	7.20208	2.76031	1
cg02928797	PLEKHG5	0.125139	0.490215	0.590041	-1.6948	0.234311	0.391227	-2.55606	0.0956673	0.252154	-3.96582	0.962724	0.965432	-1.03581	0.0111765	0.0913073	-10.952	0.614532	0.682327	-1.46557	0.0398625	0.167236	-5.97957	0.0761555	0.22642	-4.41658	0.910961	1.08785	1.08785	2.31923	20.8126	7.97684	1
cg20345840	SLC2A1;SLC2A1	0.125146	0.449166	0.825099	-1.21198	0.148812	1.47106	1.47106	0.564837	1.15612	1.15612	0.565948	0.865327	-1.15563	0.587882	0.872501	-1.14613	0.879127	1.03866	1.03866	0.00507698	0.397173	-2.51779	0.687188	0.904015	-1.10618	0.57258	1.15273	1.15273	2.31917	2.28246	0.874819	1
cg04054907	CNOT7;VPS37A;VPS37A;CNOT7	0.125149	0.433139	0.548459	-1.82329	0.285969	2.30336	2.30336	0.923536	1.07452	1.07452	?	?	?	?	?	?	0.0790436	0.226762	-4.4099	?	?	?	0.021329	0.118502	-8.4387	0.97874	1.02015	1.02015	2.52951	14.652	6.75784	1
cg22440951	LIN9	0.125154	0.790805	0.847947	-1.17932	0.0805523	0.300461	-3.32821	0.109314	0.338507	-2.95415	0.130213	0.362761	-2.75664	0.0125204	0.145569	-6.86959	0.247101	0.471986	-2.11871	0.0862292	0.308519	-3.24129	0.800119	0.854364	-1.17046	0.0605629	0.26908	-3.71637	2.3191	14.1365	5.4184	1
cg09792712	AGRN	0.125155	0.207073	0.467638	-2.13841	0.0616758	0.300505	-3.32773	0.0680529	0.311203	-3.21333	0.527677	0.693829	-1.44128	0.0354021	0.246766	-4.05242	0.230717	0.487616	-2.05079	0.0145174	0.179047	-5.58511	0.288759	0.533079	-1.87589	0.16207	0.426227	-2.34617	2.31909	11.9855	4.59396	1
cg12437254	PSMA1	0.125156	0.0590264	0.555299	-1.80083	0.587498	0.859741	-1.16314	0.59809	0.863486	-1.1581	0.751952	0.916229	-1.09143	0.696104	0.897355	-1.11439	0.862389	0.953258	-1.04903	0.00534861	0.363396	-2.75182	0.856914	1.05106	1.05106	0.0795922	0.584587	-1.71061	2.31908	2.79619	1.07176	1
cg04905421	IFT140	0.125159	0.86463	1.05625	1.05625	0.0428289	0.473478	-2.11203	0.63907	1.16358	1.16358	0.588137	0.839159	-1.19167	0.00608513	0.317071	-3.15387	0.863189	0.946188	-1.05687	0.205271	0.651416	-1.53512	0.718216	0.890282	-1.12324	0.866634	1.05539	1.05539	2.31906	3.77788	1.44805	1
cg16790291	LOC100192379;TMEM155	0.125159	0.791579	1.15269	1.15269	0.492248	1.45384	1.45384	0.101073	2.6205	2.6205	0.158514	2.245	2.245	0.354001	1.66798	1.66798	0.551001	0.7235	-1.38217	0.0549783	3.21401	3.21401	0.0134873	5.15961	5.15961	0.0715661	2.94322	2.94322	2.31906	10.5723	4.05232	1
cg19511382	N4BP2L1;N4BP2L1	0.125172	0.926666	1.05212	1.05212	0.46702	1.50455	1.50455	0.765954	1.17911	1.17911	0.101425	2.69079	2.69079	0.0359429	0.260074	-3.84506	0.160589	2.28704	2.28704	0.710937	1.22808	1.22808	0.0348774	3.88501	3.88501	0.257706	1.91917	1.91917	2.31895	11.188	4.28852	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08215918	CCNA1;CCNA1;CCNA1;CCNA1	0.125174	0.619689	0.900729	-1.11021	0.30251	1.25008	1.25008	0.436149	1.1806	1.1806	0.0733019	1.51793	1.51793	0.0469066	0.621661	-1.60859	0.731297	1.07469	1.07469	0.150985	0.72498	-1.37935	0.0695329	1.52841	1.52841	0.875187	0.967685	-1.03339	2.31893	1.60388	0.614797	1
cg11574970	EIF2B2	0.125178	0.337564	1.10589	1.10589	0.863053	0.982577	-1.01773	0.175903	1.15779	1.15779	0.123785	0.843915	-1.18495	0.0137299	0.733299	-1.3637	0.978985	1.00269	1.00269	0.465554	1.07854	1.07854	0.231202	1.13639	1.13639	0.544015	1.06452	1.06452	2.3189	0.380667	0.145919	1
cg15386853	PRDM16;PRDM16	0.125178	0.554704	0.899431	-1.11181	0.275742	1.22278	1.22278	0.78196	1.05045	1.05045	0.289653	1.21526	1.21526	0.318596	0.832894	-1.20063	0.034338	1.54944	1.54944	0.0129703	1.72802	1.72802	0.574138	1.10597	1.10597	0.244112	1.24131	1.24131	2.3189	1.15563	0.442981	1
cg23689722	PRDM16;PRDM16	0.125181	0.313604	1.34549	1.34549	0.295538	0.734273	-1.36189	0.852694	0.948449	-1.05435	0.266917	1.39006	1.39006	0.447402	1.24669	1.24669	0.248122	1.41028	1.41028	0.0118168	2.44766	2.44766	0.0367887	1.9951	1.9951	0.869591	0.954291	-1.0479	2.31887	2.97767	1.14142	1
cg26324973	MAP3K3;MAP3K3	0.125183	0.108572	0.783037	-1.27708	0.222832	1.19601	1.19601	0.0965402	1.29039	1.29039	0.866542	1.02378	1.02378	0.263135	1.17705	1.17705	0.846488	0.97328	-1.02745	0.0744165	0.75749	-1.32015	0.953833	0.991943	-1.00812	0.0577223	1.34965	1.34965	2.31886	0.717061	0.274872	1
cg04696494	UGT1A5;UGT1A6;UGT1A10;UGT1A9;UGT1A6;UGT1A7;UGT1A8	0.125186	0.0868297	0.358356	-2.79052	0.00889031	0.164216	-6.08953	0.255559	0.525149	-1.90422	0.118333	0.398475	-2.50956	0.112213	0.391238	-2.55599	0.12999	0.411673	-2.42911	0.979098	0.985884	-1.01432	0.140994	0.423518	-2.36118	0.146727	0.42948	-2.3284	2.31883	10.8139	4.14536	1
cg13824815	SIAE	0.125187	0.0577653	0.301537	-3.31634	0.504053	0.684633	-1.46064	0.362266	0.592574	-1.68755	0.286729	0.538924	-1.85555	0.378362	0.603472	-1.65708	0.0964276	0.360603	-2.77313	0.00672238	0.140299	-7.12763	0.542817	0.70877	-1.41089	0.069868	0.322155	-3.1041	2.31883	11.4679	4.39605	1
cg05393861	ITIH3	0.125189	0.406283	1.89829	1.89829	0.917323	1.08149	1.08149	0.956792	0.959948	-1.04172	0.179018	0.340626	-2.93577	0.0485944	0.182762	-5.47159	0.0409854	0.168747	-5.92604	0.0359322	0.158647	-6.30332	0.938747	0.943667	-1.0597	0.380518	1.97118	1.97118	2.31881	20.9028	8.01283	1
cg27438832	TBC1D16	0.125191	0.776853	1.09968	1.09968	0.0596864	0.491333	-2.03528	0.0825344	0.525684	-1.90228	0.645504	0.856503	-1.16754	0.196183	0.633155	-1.57939	0.96165	0.984049	-1.01621	0.0785459	0.520265	-1.9221	0.106677	1.80227	1.80227	0.239029	1.51036	1.51036	2.31879	4.10678	1.5743	1
cg16824069	KDM5C;KDM5C	0.125193	?	?	?	0.479774	1.42131	1.42131	0.627101	1.27034	1.27034	0.0355819	0.294239	-3.3986	?	?	?	0.295834	0.587336	-1.7026	0.0642116	0.355594	-2.8122	0.246987	0.551548	-1.81308	0.232082	1.8521	1.8521	2.49686	7.17576	2.87391	1
cg00261144	SEC16A	0.125194	0.133762	0.843958	-1.18489	0.0699288	1.23687	1.23687	0.241542	1.13724	1.13724	0.119215	0.837461	-1.19409	0.156115	0.852854	-1.17253	0.572448	1.06166	1.06166	0.135352	1.18395	1.18395	0.435616	1.08702	1.08702	0.324672	1.1126	1.1126	2.31877	0.404143	0.154926	1
cg12785353	MGC21881	0.125195	0.0819233	0.500578	-1.99769	0.0426213	0.432597	-2.31162	0.107376	0.532132	-1.87923	0.230553	0.636655	-1.57071	0.0109794	0.318022	-3.14443	0.245365	0.646491	-1.54681	0.0861647	0.506293	-1.97514	0.462574	0.764567	-1.30793	0.283819	0.670507	-1.49141	2.31876	4.73265	1.81425	1
cg19234709	RADIL	0.125196	0.534033	0.895433	-1.11678	0.215136	1.25711	1.25711	0.0595925	0.688777	-1.45185	0.444624	0.872267	-1.14644	0.284623	0.822904	-1.21521	0.929013	0.984496	-1.01575	0.0468168	1.49051	1.49051	0.0791448	1.40752	1.40752	0.590982	1.09981	1.09981	2.31875	1.12939	0.432949	1
cg04770593	PNPT1	0.125198	0.054073	1.94232	1.94232	0.0967197	0.574851	-1.73958	0.479892	1.24367	1.24367	0.710491	1.11987	1.11987	0.278181	1.40831	1.40831	0.329976	0.736945	-1.35695	0.0220527	2.30182	2.30182	0.993542	1.00246	1.00246	0.506716	1.22697	1.22697	2.31873	3.38574	1.29793	1
cg23421392	PDIA6	0.125207	0.391745	0.417171	-2.3971	?	?	?	0.140847	4.84614	4.84614	0.449084	0.463683	-2.15664	0.101906	0.167986	-5.95286	0.153966	0.218557	-4.57547	0.0191308	0.0593032	-16.8625	0.791073	1.30283	1.30283	0.28171	0.328029	-3.04851	2.34047	32.7086	13.9753	1
cg06371954	ISL2	0.125209	0.166299	0.652302	-1.53303	0.0858437	1.73239	1.73239	0.253137	1.41267	1.41267	0.452535	0.801295	-1.24798	0.0563859	0.535067	-1.86893	0.426045	0.790354	-1.26526	0.0466605	0.517164	-1.93362	0.359327	0.761231	-1.31366	0.504416	0.821941	-1.21663	2.31863	3.07692	1.17959	1
cg14024823	APBA1	0.125213	0.27246	0.84696	-1.18069	0.186288	0.815663	-1.226	0.115566	1.28244	1.28244	0.443051	1.12045	1.12045	0.159952	1.244	1.244	0.0301464	1.44886	1.44886	0.409641	1.13046	1.13046	0.218774	0.828541	-1.20694	0.385135	1.13824	1.13824	2.3186	0.776518	0.297696	1
cg10292403	C3orf21	0.125214	0.0300215	0.547971	-1.82491	0.542527	1.15637	1.15637	0.882709	0.965805	-1.03541	0.234478	1.3414	1.3414	0.811384	0.945214	-1.05796	0.921948	1.02337	1.02337	0.0536005	1.67629	1.67629	0.120242	0.672188	-1.48768	0.224009	0.740037	-1.35128	2.3186	2.03967	0.781954	1
cg10471944	PTPRN2;PTPRN2;PTPRN2	0.125223	0.0426414	0.466034	-2.14576	0.713961	0.886539	-1.12798	0.32688	1.39251	1.39251	0.617181	0.848015	-1.17922	0.0261197	0.421712	-2.37128	0.31548	0.712105	-1.40429	0.947012	0.978492	-1.02198	0.314007	1.40584	1.40584	0.0633784	0.505117	-1.97974	2.31852	3.92959	1.50655	1
cg24347070	BTN2A2;BTN2A2	0.125224	0.0219112	0.394992	-2.5317	0.709391	0.88121	-1.1348	0.030267	0.42296	-2.36429	0.294748	0.692755	-1.44351	0.0364376	0.439805	-2.27374	0.876555	1.05392	1.05392	0.183453	0.620794	-1.61084	0.64078	0.853213	-1.17204	0.111025	0.556279	-1.79766	2.31851	4.19023	1.60648	1
cg22166703	ZNF362	0.125227	0.186476	1.70868	1.70868	0.672777	1.17644	1.17644	0.0700938	2.16976	2.16976	0.10632	0.509352	-1.96328	0.654372	1.18812	1.18812	?	?	?	0.95688	1.0209	1.0209	0.0200753	2.92403	2.92403	0.88159	0.94458	-1.05867	2.34029	4.82084	2.05993	1
cg00308767	C1orf109	0.125228	0.0798577	0.680189	-1.47018	0.105562	0.704272	-1.41991	0.0474661	0.637898	-1.56765	0.264545	0.794074	-1.25933	0.318479	0.815103	-1.22684	0.687108	0.922852	-1.0836	0.00925152	0.519471	-1.92503	0.286126	0.802802	-1.24564	0.119955	0.715701	-1.39723	2.31848	1.44367	0.553492	1
cg04934807	KCNK12	0.125229	0.12357	0.79186	-1.26285	0.502091	1.1	1.1	0.264245	1.17681	1.17681	0.13466	1.25315	1.25315	0.677107	1.06034	1.06034	0.396033	1.12931	1.12931	0.130081	0.795509	-1.25706	0.0198972	1.48177	1.48177	0.813477	1.03362	1.03362	2.31847	0.718787	0.275579	1
cg00852964	VNN1	0.125234	0.151854	0.445074	-2.24682	0.290493	0.56078	-1.78323	0.0309765	0.263028	-3.80187	0.076762	0.354212	-2.82316	0.0233823	0.239706	-4.17177	0.199962	0.48972	-2.04199	0.0351189	0.274102	-3.64827	0.586164	0.748374	-1.33623	0.2363	0.519791	-1.92385	2.31842	10.2087	3.91403	1
cg16716295	CROCC	0.125235	0.0872243	0.612834	-1.63176	0.726331	1.0954	1.0954	0.377423	1.26472	1.26472	0.257709	0.736187	-1.35835	0.118641	0.644514	-1.55156	0.0120741	0.444165	-2.25142	0.934393	1.02158	1.02158	0.129277	0.653749	-1.52964	0.301477	0.7576	-1.31996	2.31842	2.46897	0.94661	1
cg03705571	ARHGEF10	0.125235	0.410447	0.55127	-1.81399	0.00468687	0.0699871	-14.2884	0.0680498	0.235562	-4.24517	0.868198	1.12469	1.12469	0.205982	0.389115	-2.56993	0.211474	0.39402	-2.53794	0.701104	0.761195	-1.31372	0.50281	0.61808	-1.61791	0.849038	1.14433	1.14433	2.31842	18.3803	7.04708	1
cg07737802	FGD6	0.125236	0.53594	0.696668	-1.4354	0.958903	1.03016	1.03016	0.413669	1.61915	1.61915	0.736521	1.21499	1.21499	0.00991877	0.152827	-6.54336	0.177867	0.437954	-2.28334	0.0998954	0.353557	-2.8284	0.086635	0.335755	-2.97836	0.784505	1.17124	1.17124	2.31841	12.2101	4.68139	1
cg00530320	NSUN4	0.125237	0.186973	0.770955	-1.29709	0.430066	1.16159	1.16159	0.673112	1.08211	1.08211	0.289416	1.22692	1.22692	0.212898	0.783513	-1.2763	0.00816681	0.53283	-1.87677	0.422937	0.858801	-1.16441	0.826205	1.04174	1.04174	0.245054	0.797611	-1.25374	2.3184	1.26993	0.4869	1
cg21529528	SIGLEC15	0.125238	0.123377	0.506017	-1.97622	0.0396297	0.37865	-2.64096	0.346774	0.673391	-1.48502	0.60479	0.80809	-1.23749	0.0434464	0.387581	-2.5801	0.28345	0.634555	-1.57591	0.0123595	0.280492	-3.56516	0.123676	0.506336	-1.97497	0.447424	0.729039	-1.37167	2.3184	6.11652	2.34512	1
cg14195915	SFRS4	0.125238	0.718935	0.92522	-1.08082	0.646657	1.10436	1.10436	0.451989	1.17915	1.17915	0.359384	1.22467	1.22467	0.0194057	1.83651	1.83651	0.00916402	2.03749	2.03749	0.983074	0.995448	-1.00457	0.969081	0.991699	-1.00837	0.772165	0.939471	-1.06443	2.31839	1.69833	0.651152	1
cg05641913	TAC3	0.125239	0.0304479	0.292305	-3.42109	0.255858	0.563515	-1.77458	0.451163	0.689883	-1.44952	0.0667542	0.370118	-2.70184	0.0160758	0.240613	-4.15605	0.0918212	0.407574	-2.45354	0.083034	0.395323	-2.52958	0.244774	0.555231	-1.80105	0.342445	0.623144	-1.60476	2.31839	8.58586	3.29189	1
cg08673615	HMGCL;HMGCL	0.12524	0.236038	0.885181	-1.12971	0.316619	0.903311	-1.10704	0.392479	0.917552	-1.08986	0.00379203	0.681414	-1.46754	0.565781	0.944576	-1.05868	0.47393	1.07415	1.07415	0.853503	1.01832	1.01832	0.231072	0.883918	-1.13133	0.942756	1.00708	1.00708	2.31837	0.354236	0.135818	1
cg05141005	TNN	0.125241	0.186279	0.825339	-1.21162	0.705406	1.05341	1.05341	0.308441	0.865526	-1.15537	0.556706	0.921791	-1.08484	0.00869884	0.63251	-1.581	0.0919438	0.775564	-1.28938	0.393802	0.887218	-1.12712	0.441025	0.897953	-1.11364	0.0348192	0.713907	-1.40074	2.31837	0.689131	0.264221	1
cg20597569	MEGF11	0.125242	0.735352	0.892465	-1.12049	0.0086968	3.06875	3.06875	0.0670271	1.99056	1.99056	0.646729	1.16736	1.16736	0.236541	0.659745	-1.51574	0.938839	1.02607	1.02607	0.591055	1.19948	1.19948	0.138077	1.70823	1.70823	0.785507	1.09579	1.09579	2.31836	4.12893	1.58308	1
cg07601747	NAALADL2	0.125242	0.865936	0.959779	-1.04191	0.146179	0.684539	-1.46084	0.0245038	0.521522	-1.91746	0.0321196	0.543417	-1.84021	0.0762156	0.619211	-1.61496	0.408649	0.81438	-1.22793	0.236214	1.35197	1.35197	0.69537	0.908816	-1.10033	0.466922	0.835387	-1.19705	2.31836	2.16744	0.831023	1
cg25930429	GSTZ1;GSTZ1;POMT2;GSTZ1;POMT2	0.125247	0.0217166	0.690929	-1.44733	0.606341	1.07224	1.07224	0.085634	1.29037	1.29037	0.877002	1.021	1.021	0.0847511	1.29149	1.29149	0.275502	0.858799	-1.16442	0.327126	1.14538	1.14538	0.553521	1.08374	1.08374	0.623214	1.0687	1.0687	2.31832	0.661062	0.253465	1
cg18925094	C21orf82;C21orf82	0.12525	0.343194	1.65383	1.65383	0.0348778	3.54951	3.54951	0.0202779	4.22853	4.22853	0.387378	1.57848	1.57848	0.816365	0.887058	-1.12732	0.0759561	2.7662	2.7662	0.0881078	2.63692	2.63692	0.0834169	2.68394	2.68394	0.844424	1.10652	1.10652	2.3183	9.74569	3.73673	1
cg11835200	LCE1D	0.12525	0.026427	0.108697	-9.19991	0.260356	0.371636	-2.69081	0.0870663	4.91887	4.91887	0.73493	0.750871	-1.33179	0.840579	0.843824	-1.18508	0.03387	0.123867	-8.07318	0.994257	1.00609	1.00609	0.216857	0.33435	-2.99088	0.53524	0.588956	-1.69792	2.31829	26.1007	10.0076	1
cg20057831	CWC22	0.125253	0.858868	0.96676	-1.03438	0.0328279	1.6067	1.6067	0.0457392	1.54498	1.54498	0.792509	1.05135	1.05135	0.191568	1.3003	1.3003	0.910746	0.978927	-1.02153	0.770754	0.946017	-1.05706	0.0696857	0.680243	-1.47006	0.495228	0.876751	-1.14058	2.31827	1.32448	0.507842	1
cg17593934	MAD1L1;MAD1L1;MAD1L1	0.125253	0.238999	1.32779	1.32779	0.652004	1.11002	1.11002	0.226914	0.747015	-1.33866	0.0129434	0.492019	-2.03244	0.325392	1.26297	1.26297	0.933556	0.981012	-1.01936	0.097486	1.51902	1.51902	0.955778	0.987332	-1.01283	0.502284	0.855092	-1.16946	2.31826	1.94075	0.744139	1
cg00894697	MUL1	0.125254	0.905912	1.06404	1.06404	0.31055	0.576477	-1.73468	0.754085	1.17936	1.17936	0.9972	0.99816	-1.00184	0.0189287	0.224914	-4.44614	0.0144026	0.205275	-4.87152	0.412345	1.55271	1.55271	0.729808	0.833592	-1.19963	0.286757	0.559504	-1.7873	2.31826	10.1184	3.87968	1
cg14612625	YIPF5;YIPF5;KCTD16	0.125255	0.761524	0.860471	-1.16215	0.942872	1.03602	1.03602	0.010168	0.201844	-4.95433	?	?	?	0.31397	1.67219	1.67219	?	?	?	?	?	?	0.459957	1.44981	1.44981	0.804561	1.13021	1.13021	2.40079	6.17877	3.43153	1
cg04393060	KIAA0319L	0.125255	0.113541	0.571464	-1.74989	0.875597	0.950364	-1.05223	0.342723	0.727857	-1.3739	0.146078	1.66042	1.66042	0.382753	0.747614	-1.33759	0.0555035	0.493995	-2.02431	0.12506	1.71522	1.71522	0.119447	1.73164	1.73164	0.608221	0.845341	-1.18296	2.31825	3.87712	1.48661	1
cg24961406	RBM23;RBM23;RBM23	0.125262	0.0457889	0.61142	-1.63554	0.0454613	1.6371	1.6371	0.157381	0.722617	-1.38386	0.601872	1.11974	1.11974	0.199798	0.747488	-1.33781	0.144999	0.714405	-1.39977	0.589912	1.12402	1.12402	0.559494	0.880909	-1.13519	0.594949	1.12221	1.12221	2.31819	1.695	0.649931	1
cg00736984	PLEC1;PLEC1;PLEC1	0.125263	0.831893	1.04334	1.04334	0.0784367	1.47716	1.47716	0.463026	1.16076	1.16076	0.0356957	1.62878	1.62878	0.437141	0.85369	-1.17139	0.0525023	1.5527	1.5527	0.0467055	1.57537	1.57537	0.770844	1.06002	1.06002	0.0919195	1.44814	1.44814	2.31818	1.46223	0.560682	1
cg27658698	RNF44	0.125264	0.0529331	0.541423	-1.84699	0.559212	0.848122	-1.17908	0.891087	1.03895	1.03895	0.280265	0.731203	-1.36761	0.0306607	0.492501	-2.03045	0.0312923	0.494252	-2.02326	0.0833729	0.585897	-1.70679	0.245022	0.712346	-1.40381	0.0711127	0.569878	-1.75476	2.31818	2.85649	1.0953	1
cg14511782	GPR85;GPR85;GPR85;GPR85	0.125264	0.0296566	0.118822	-8.41595	0.291127	0.409316	-2.4431	0.71595	1.34514	1.34514	0.876205	0.881247	-1.13476	0.0391775	0.138036	-7.24449	0.414702	0.50748	-1.97052	0.0266501	0.112123	-8.91876	0.682641	1.39598	1.39598	0.139446	0.271364	-3.68509	2.4501	24.9739	7.92789	1
cg02039465	IQSEC3;IQSEC3	0.125265	0.668324	0.899903	-1.11123	0.584758	0.873691	-1.14457	0.812339	0.943464	-1.05992	0.828717	1.05445	1.05445	0.078661	0.62008	-1.61269	0.337521	1.27372	1.27372	0.049492	1.7306	1.7306	0.088115	1.58488	1.58488	0.0550972	1.70261	1.70261	2.31817	2.19835	0.842946	1
cg04093404	TAS1R1;TAS1R1;TAS1R1;TAS1R1;NOL9	0.125267	?	?	?	0.344547	3.51708	3.51708	?	?	?	0.103302	10.2105	10.2105	0.811576	1.35959	1.35959	?	?	?	0.021407	0.0257212	-38.8784	0.835276	0.765057	-1.30709	0.710586	1.61545	1.61545	2.52829	43.2113	19.9397	1
cg05389024	KBTBD10	0.125269	0.46831	0.788502	-1.26823	0.05501	2.01505	2.01505	0.157172	1.62772	1.62772	0.207222	1.53465	1.53465	0.62478	0.853225	-1.17202	0.920134	0.96822	-1.03282	0.0945709	0.553373	-1.8071	0.0566596	2.00317	2.00317	0.234578	1.49365	1.49365	2.31813	3.80717	1.45986	1
cg12036924	FUT6;FUT6;FUT6;FUT6	0.125271	0.333726	1.28103	1.28103	0.912735	0.973137	-1.0276	0.0766512	0.613143	-1.63094	0.917999	1.02591	1.02591	0.210947	1.38736	1.38736	0.314499	1.29482	1.29482	0.090723	1.58872	1.58872	0.0490444	0.572257	-1.74747	0.215851	1.38203	1.38203	2.31812	2.26534	0.868651	1
cg15816464	SMG6;SMG6	0.125278	0.0899222	0.46348	-2.15759	0.0346186	0.362952	-2.75518	0.40023	0.701695	-1.42512	0.0464013	0.391183	-2.55635	0.140624	0.520969	-1.9195	0.184931	0.560778	-1.78324	0.0310064	0.35284	-2.83414	0.0556985	0.409866	-2.43982	0.272758	0.625251	-1.59936	2.31806	6.21357	2.38267	1
cg02438653	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.12528	0.802085	1.03233	1.03233	0.624528	0.939417	-1.06449	0.18057	0.83516	-1.19737	0.667842	0.946777	-1.05621	0.248586	1.16509	1.16509	0.0343629	1.3671	1.3671	0.720521	1.04657	1.04657	0.0210136	1.4215	1.4215	0.206847	1.18372	1.18372	2.31804	0.589265	0.225963	1
cg14155196	PEBP4	0.125282	0.49466	1.22654	1.22654	0.173811	0.653072	-1.53122	0.534828	1.20331	1.20331	0.0597318	1.86936	1.86936	0.330966	0.744258	-1.34362	0.132372	1.61312	1.61312	0.142755	1.59018	1.59018	0.0428641	1.98631	1.98631	0.169146	1.53931	1.53931	2.31803	3.18308	1.22061	1
cg06209210	TNFRSF12A	0.125286	0.860958	1.05401	1.05401	0.435758	0.78774	-1.26945	0.965199	0.986994	-1.01318	0.861811	1.05367	1.05367	0.079074	1.79506	1.79506	0.425071	0.783161	-1.27688	0.0134088	0.398996	-2.50629	0.120619	0.603433	-1.65718	0.188219	0.658117	-1.51949	2.31799	3.30525	1.26748	1
cg22736787	PTGFRN	0.12529	0.903644	1.02777	1.02777	0.0383759	1.72075	1.72075	0.0563614	1.63029	1.63029	0.157821	0.710623	-1.40722	0.13427	0.694009	-1.4409	0.309656	0.788346	-1.26848	0.527557	0.865205	-1.15579	0.404385	1.21288	1.21288	0.7181	1.08546	1.08546	2.31796	1.87848	0.720359	1
cg10058540	DCTN2	0.12529	0.701812	0.886467	-1.12807	0.277861	1.42404	1.42404	0.248341	1.45941	1.45941	0.172751	0.634739	-1.57545	0.184007	0.643078	-1.55502	0.117108	0.586696	-1.70446	0.0218616	0.422383	-2.36752	0.564884	1.19995	1.19995	0.406177	1.305	1.305	2.31796	3.60255	1.3815	1
cg26023939	ENOX1;ENOX1	0.125293	0.828793	0.920021	-1.08693	0.138884	0.541628	-1.84629	0.228057	0.61447	-1.62742	0.150982	1.80829	1.80829	0.382908	0.708634	-1.41117	0.723167	1.14672	1.14672	0.346321	0.688462	-1.45251	0.0153184	3.14497	3.14497	0.541998	0.788518	-1.2682	2.31793	5.439	2.08577	1
cg21659910	TNNT3;TNNT3;TNNT3;TNNT3;TNNT3;TNNT3;TNNT3;TNNT3	0.125297	0.138592	1.3943	1.3943	0.0443287	1.61857	1.61857	0.0688212	0.654063	-1.52891	0.13128	1.40447	1.40447	0.957071	0.98884	-1.01129	0.128759	1.40811	1.40811	0.168302	1.35808	1.35808	0.263252	1.27525	1.27525	0.346823	1.2238	1.2238	2.3179	1.59552	0.611865	1
cg07668908	C4orf22	0.125297	0.529753	0.704825	-1.41879	?	?	?	?	?	?	0.430801	1.56574	1.56574	0.891846	1.07573	1.07573	0.12051	0.345608	-2.89345	0.0760989	3.72561	3.72561	0.0494901	0.206392	-4.84514	0.309835	1.8259	1.8259	4.40359	12.5136	1.21786	1
cg02593517	OGFOD1;NUDT21	0.125299	0.320208	0.774725	-1.29078	0.501461	0.844051	-1.18476	0.405879	1.2353	1.2353	0.373705	0.796986	-1.25473	0.951991	1.01507	1.01507	0.266461	0.749967	-1.33339	0.00662227	0.416493	-2.401	0.0502696	0.574307	-1.74123	0.95234	0.985256	-1.01496	2.31788	2.26699	0.869371	1
cg00809820	TBCD;FN3K	0.125302	0.16592	3.21018	3.21018	0.0552023	5.56132	5.56132	0.041604	6.38831	6.38831	0.320929	2.24686	2.24686	0.930067	0.933055	-1.07175	0.832698	0.846211	-1.18174	0.0234734	8.46942	8.46942	0.0686595	4.99646	4.99646	0.216746	2.78994	2.78994	2.31785	22.8756	8.77273	1
cg11961999	PRKCZ;PRKCZ;PRKCZ	0.125304	0.0623544	0.737356	-1.3562	0.906675	1.01718	1.01718	0.2829	1.17592	1.17592	0.866521	1.02473	1.02473	0.0236869	0.67554	-1.4803	0.214348	0.827074	-1.20908	0.101276	1.29771	1.29771	0.518219	0.909254	-1.0998	0.992992	1.00128	1.00128	2.31784	0.774319	0.296951	1
cg22881677	PPM1H	0.125305	0.217066	1.30869	1.30869	0.0880349	1.47691	1.47691	0.742066	0.933875	-1.07081	0.469286	0.858556	-1.16475	0.161892	1.36258	1.36258	0.173435	0.740801	-1.34989	0.0172881	1.8233	1.8233	0.899648	0.974205	-1.02648	0.699532	0.922808	-1.08365	2.31783	1.5751	0.604051	1
cg13555561	UTRN	0.125306	0.111847	0.471872	-2.11922	0.430067	0.705129	-1.41818	0.243743	0.589172	-1.6973	0.6426	0.816513	-1.22472	0.0444038	0.367345	-2.72223	0.688009	0.839377	-1.19136	0.182783	0.541598	-1.84639	0.136433	0.498591	-2.00565	0.00682462	0.218686	-4.57277	2.31782	6.90677	2.64876	1
cg22270384	ASNA1	0.125307	0.642489	0.920937	-1.08585	0.572387	1.10573	1.10573	0.540672	1.1153	1.1153	0.766541	1.05386	1.05386	0.258073	1.23111	1.23111	0.197962	0.786841	-1.2709	0.0149611	0.590307	-1.69403	0.0633493	1.44466	1.44466	0.795563	1.04681	1.04681	2.31781	1.13944	0.436979	1
cg22402121	MCF2L;MCF2L	0.125308	0.732069	0.88189	-1.13393	0.128273	1.82446	1.82446	0.142109	1.78102	1.78102	0.637788	1.18938	1.18938	0.945973	1.02509	1.02509	0.329627	0.692161	-1.44475	0.0103783	0.307117	-3.25609	0.485572	1.29584	1.29584	0.6847	1.16102	1.16102	2.3178	4.90987	1.88296	1
cg02610058	KIF1A	0.125308	0.553643	1.23424	1.23424	0.629703	1.18606	1.18606	0.30377	0.687897	-1.45371	0.849899	0.935621	-1.06881	0.318605	0.696246	-1.43627	0.0383606	0.430476	-2.32301	0.0386821	0.431261	-2.31878	0.541574	0.80489	-1.24241	0.020114	0.373513	-2.67729	2.3178	4.52884	1.73683	1
cg17425069	ACTR3C;ACTR3C	0.125312	0.109767	0.386264	-2.5889	0.738761	1.20035	1.20035	0.549873	0.718848	-1.39111	0.0165306	0.202362	-4.94164	0.032031	0.253964	-3.93756	0.998807	1.00082	1.00082	0.0912652	0.362473	-2.75883	0.651148	0.780077	-1.28192	0.118906	0.39713	-2.51807	2.31777	10.9282	4.19109	1
cg14156792	SAMD11	0.125315	0.0964523	0.497781	-2.00891	0.189114	1.70187	1.70187	0.547296	1.2621	1.2621	0.381527	0.709603	-1.40924	0.324682	1.47512	1.47512	0.459207	0.749722	-1.33383	0.193067	0.590687	-1.69294	0.0173722	0.330503	-3.02569	0.597596	1.22581	1.22581	2.31775	5.36271	2.05667	1
cg14489327	C19orf6;C19orf6	0.125315	0.247697	1.23249	1.23249	0.0485617	0.677245	-1.47657	0.232212	0.805167	-1.24198	0.0465135	0.674118	-1.48342	0.474569	0.881808	-1.13403	0.09161	1.3789	1.3789	0.877135	0.973595	-1.02712	0.620975	1.09004	1.09004	0.524789	1.11792	1.11792	2.31774	1.09818	0.42117	1
cg14791747	THUMPD1	0.125318	0.140617	0.802328	-1.24637	0.160515	0.81196	-1.23159	0.168409	1.22622	1.22622	0.18551	0.822772	-1.2154	0.897808	0.982305	-1.01801	0.129356	1.2557	1.2557	0.127304	1.25749	1.25749	0.822851	1.03165	1.03165	0.0873922	1.29981	1.29981	2.31772	0.708703	0.271801	1
cg05706348	MAP4;MAP4;MAP4	0.12532	0.0655782	0.773262	-1.29322	0.146777	1.21383	1.21383	0.335261	0.883695	-1.13161	0.433897	0.905418	-1.10446	0.0407082	1.34178	1.34178	0.526677	0.923283	-1.08309	0.206741	0.847306	-1.18021	0.829788	0.973568	-1.02715	0.235566	1.16728	1.16728	2.3177	0.568337	0.217969	1
cg09617579	FAM181B;FAM181B	0.125321	0.0921012	0.724596	-1.38008	0.546039	1.11199	1.11199	0.315103	1.19778	1.19778	0.339704	0.842853	-1.18645	0.0149629	0.594644	-1.68168	0.207856	0.793958	-1.25951	0.700673	1.06941	1.06941	0.4504	1.14295	1.14295	0.342749	1.18509	1.18509	2.3177	1.10801	0.424948	1
cg12595647	LRRC42;HSPB11	0.125322	0.603923	1.12824	1.12824	0.927057	1.02134	1.02134	0.757203	0.930999	-1.07411	0.224179	0.744984	-1.34231	0.121081	0.67871	-1.47338	0.651254	1.11061	1.11061	0.128651	0.684805	-1.46027	0.020975	1.89709	1.89709	0.164994	1.40704	1.40704	2.31769	1.95119	0.74833	1
cg15567634	HARS;HARS2	0.125324	0.443763	0.921262	-1.08547	0.307252	0.894926	-1.11741	0.146441	1.17789	1.17789	0.875677	0.98369	-1.01658	0.0361577	1.29163	1.29163	0.0950526	1.21248	1.21248	0.169684	0.857581	-1.16607	0.18028	0.861182	-1.16119	0.789249	1.02854	1.02854	2.31767	0.404949	0.155309	1
cg01739965	VPS54;VPS54	0.125324	0.02858	1.47387	1.47387	0.787074	1.04149	1.04149	0.245255	1.20023	1.20023	0.0442109	1.41497	1.41497	0.518546	1.10327	1.10327	0.126957	1.28131	1.28131	0.0419164	1.42202	1.42202	0.516732	0.905996	-1.10376	0.572178	0.917858	-1.08949	2.31767	0.827733	0.317458	1
cg24076854	C6orf108;C6orf108	0.125325	0.29429	0.634074	-1.5771	0.267423	0.616386	-1.62236	0.979808	1.01066	1.01066	0.00909241	0.249524	-4.00763	0.272554	1.61334	1.61334	0.531854	0.767033	-1.30373	0.504615	0.75308	-1.32788	0.84251	1.08689	1.08689	0.125515	2.00256	2.00256	2.31766	6.43903	2.46955	1
cg26973714	TXNRD1	0.125326	0.0233914	12.1539	12.1539	0.0340848	9.78198	9.78198	0.25707	2.97635	2.97635	0.697141	0.697234	-1.43424	0.400365	2.21176	2.21176	0.079572	6.01513	6.01513	0.523376	1.81551	1.81551	0.0369818	9.33458	9.33458	0.341452	2.46919	2.46919	2.31765	31.2105	11.9702	1
cg03308092	GAB4	0.125327	0.624733	1.46482	1.46482	0.0220527	8.38164	8.38164	0.777733	1.24499	1.24499	0.823957	1.1883	1.1883	0.597191	1.51125	1.51125	0.622509	1.46847	1.46847	0.192555	2.90929	2.90929	0.00909165	13.0199	13.0199	0.092788	4.18744	4.18744	2.31765	22.0077	8.44061	1
cg17862981	KIF5C	0.125327	0.967692	0.980444	-1.01995	0.0130801	4.48588	4.48588	0.04485	3.07335	3.07335	0.317108	1.6558	1.6558	0.152912	0.474059	-2.10944	0.679128	1.22486	1.22486	0.624106	1.27231	1.27231	0.876913	0.927207	-1.07851	0.54154	0.739821	-1.35168	2.31765	8.72771	3.34735	1
cg06832194	ALG10;ALG10	0.125327	0.151316	1.36337	1.36337	0.30422	0.806943	-1.23925	0.551408	0.885606	-1.12917	0.508211	0.873445	-1.14489	0.597119	0.898051	-1.11352	0.655958	0.913574	-1.0946	0.00499447	0.472848	-2.11484	0.511611	0.874419	-1.14362	0.217156	0.769697	-1.29921	2.31764	1.49168	0.572107	1
cg04258973	IGFN1	0.125329	0.986868	1.00352	1.00352	0.629639	0.901558	-1.10919	0.0404027	0.603562	-1.65683	0.304701	1.25444	1.25444	0.0125239	0.515589	-1.93953	0.295594	0.793486	-1.26026	0.12485	0.701642	-1.42523	0.77522	1.06296	1.06296	0.404771	0.833765	-1.19938	2.31763	1.66958	0.640341	1
cg27020941	CDKN2D;CDKN2D	0.12533	0.7909	1.12544	1.12544	0.0259929	3.23861	3.23861	0.0155155	3.74414	3.74414	0.729925	1.16663	1.16663	0.153136	0.506451	-1.97452	0.6427	0.812395	-1.23093	0.646821	1.22772	1.22772	0.843722	1.09174	1.09174	0.826329	0.9069	-1.10266	2.31762	7.25941	2.78424	1
cg02298949	NIF3L1;NIF3L1;NIF3L1;NIF3L1	0.125332	0.0664912	0.675817	-1.47969	0.0635312	1.4877	1.4877	0.124256	1.37289	1.37289	0.845542	1.03783	1.03783	0.521196	0.88355	-1.1318	0.881728	0.972051	-1.02875	0.35629	1.198	1.198	0.490209	0.875073	-1.14276	0.0615278	0.669633	-1.49335	2.3176	1.33072	0.510382	1
cg09897970	C16orf54	0.125337	0.145779	0.464977	-2.15064	0.364493	0.633235	-1.57919	0.0758638	0.379563	-2.63461	0.0315008	0.290319	-3.44449	0.00894246	0.195823	-5.10664	0.259093	0.561406	-1.78124	0.186273	0.503052	-1.98787	0.340796	0.617956	-1.61824	0.352197	0.625358	-1.59909	2.31756	8.82477	3.3847	1
cg17367458	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.125338	0.292943	0.748651	-1.33574	0.0144757	2.22428	2.22428	0.159086	1.4908	1.4908	0.726309	0.910971	-1.09773	0.851338	0.951439	-1.05104	0.815247	1.06407	1.06407	0.197721	1.43512	1.43512	0.0942801	0.613814	-1.62916	0.682224	1.11542	1.11542	2.31755	2.58401	0.991086	1
cg00964710	BFAR	0.125339	0.132809	1.95111	1.95111	0.813026	0.906965	-1.10258	0.0859415	0.457456	-2.186	0.26805	1.60877	1.60877	0.626228	1.2242	1.2242	0.0669218	0.428927	-2.3314	0.226512	0.592537	-1.68766	0.0745314	2.26777	2.26777	0.986276	0.992936	-1.00711	2.31755	6.23439	2.39118	1
cg03733263	KIAA1967;KIAA1967;KIAA1967	0.125339	?	?	?	0.0422051	3.53669	3.53669	0.756342	1.18293	1.18293	0.471646	0.673544	-1.48468	0.0844725	0.356975	-2.80132	0.0891095	0.363492	-2.75109	0.872541	0.916988	-1.09053	0.116107	0.397823	-2.51368	0.631157	1.29835	1.29835	2.33932	9.59457	4.10143	1
cg07139301	SLC2A2	0.125341	0.127887	0.197839	-5.05461	0.97967	1.0254	1.0254	0.497254	0.507423	-1.97074	0.231453	3.44013	3.44013	0.133733	0.203504	-4.91391	0.331844	2.6792	2.6792	0.219374	0.280439	-3.56584	0.617889	0.609536	-1.64059	0.0231883	14.4645	14.4645	2.31753	35.566	13.6414	1
cg25882721	FAM69A	0.125341	0.111424	1.53394	1.53394	0.831017	1.05415	1.05415	0.341467	1.27363	1.27363	0.265849	0.75119	-1.33122	0.630026	1.12723	1.12723	0.244829	0.740672	-1.35012	0.0130226	2.13877	2.13877	0.236567	0.736374	-1.358	0.977928	1.00685	1.00685	2.31752	2.23482	0.857168	1
cg05253005	GYS1;RUVBL2;GYS1;GYS1;GYS1;GYS1	0.125342	0.821115	0.977278	-1.02325	0.0376474	1.27726	1.27726	0.255148	1.12814	1.12814	0.677102	1.04342	1.04342	0.161547	1.16383	1.16383	0.840941	1.0206	1.0206	0.0372046	1.27821	1.27821	0.0921922	0.828526	-1.20696	0.585644	0.945665	-1.05746	2.31752	0.378026	0.144992	1
cg07434855	GNASAS;GNAS	0.125343	0.0122119	0.761573	-1.31307	0.446337	0.93453	-1.07006	0.711997	1.03287	1.03287	0.536494	0.946864	-1.05612	0.661983	1.03912	1.03912	0.872421	1.01412	1.01412	0.705347	0.967407	-1.03369	0.0649702	0.834627	-1.19814	0.0344655	0.806431	-1.24003	2.31751	0.279294	0.107124	1
cg14058741	HEPACAM	0.125343	0.152444	1.25693	1.25693	0.944201	0.989612	-1.0105	0.0199313	1.52068	1.52068	0.051031	1.39314	1.39314	0.146457	1.26181	1.26181	0.639986	1.07281	1.07281	0.0634494	1.36529	1.36529	0.838017	0.969923	-1.03101	0.457513	0.893262	-1.11949	2.31751	0.81696	0.313348	1
cg04228935	RUNX1	0.125344	0.266656	3.68835	3.68835	0.0632313	10.5496	10.5496	0.117458	6.80447	6.80447	0.193863	4.71278	4.71278	0.100197	7.62319	7.62319	0.227309	4.17606	4.17606	0.795309	0.745879	-1.3407	0.0157715	28.1091	28.1091	0.0534312	11.8713	11.8713	2.3175	46.6813	17.9048	1
cg22635008	OGDHL;OGDHL;OGDHL	0.125346	0.0446044	0.597314	-1.67416	0.963074	0.989708	-1.0104	0.338467	1.2467	1.2467	0.514868	0.862791	-1.15903	0.693923	0.915407	-1.09241	0.00793806	0.467346	-2.13974	0.16387	0.717493	-1.39374	0.976193	1.00669	1.00669	0.879509	0.966669	-1.03448	2.31749	1.83294	0.703036	1
cg07506213	MYO16	0.125347	0.292881	0.782468	-1.27801	0.228043	1.32901	1.32901	0.0389817	1.71122	1.71122	0.538979	0.869505	-1.15008	0.899964	1.02868	1.02868	0.517762	1.15884	1.15884	0.0105077	2.06234	2.06234	0.991616	0.997641	-1.00236	0.764774	1.06979	1.06979	2.31748	1.85489	0.711459	1
cg26225406	TSNARE1	0.125348	0.879927	0.943559	-1.05982	0.529889	1.27708	1.27708	0.273267	1.54992	1.54992	0.50718	0.77212	-1.29513	0.0253965	0.360172	-2.77645	0.694336	1.16392	1.16392	0.0333836	2.59998	2.59998	0.728939	0.87485	-1.14305	0.187206	0.584348	-1.71131	2.31747	5.42151	2.07947	1
cg19384546	TNP1	0.125348	0.0813184	0.254555	-3.92534	0.187585	0.372195	-2.68676	0.507206	0.621156	-1.6099	0.350484	0.506574	-1.97405	0.0535348	0.211883	-4.71958	0.206464	0.389454	-2.5677	0.029668	0.163408	-6.11967	0.0219069	0.142833	-7.0012	0.0886187	0.264657	-3.77848	2.31747	18.3822	7.05067	1
cg27048142	IGFL4;IGFL4	0.125348	0.0298142	0.429229	-2.32976	0.150326	0.600467	-1.66537	0.0347857	0.443101	-2.25682	0.0841768	0.5315	-1.88147	0.985775	0.99412	-1.00592	0.159292	0.608001	-1.64474	0.115228	0.567495	-1.76213	0.0480404	0.473508	-2.1119	0.704729	0.881666	-1.13422	2.31747	4.01658	1.5406	1
cg15268007	TCTEX1D2	0.125349	0.482614	0.852971	-1.17237	0.784702	0.940795	-1.06293	0.858472	0.961002	-1.04058	0.151624	0.710087	-1.40828	0.808855	1.0555	1.0555	0.0833341	0.652328	-1.53297	0.0507717	0.608971	-1.64212	0.176481	1.37745	1.37745	0.0617274	1.59829	1.59829	2.31746	1.82292	0.699201	1
cg01960456	ST6GAL1;ST6GAL1	0.12535	0.0041704	0.38726	-2.58224	0.914259	1.02697	1.02697	0.55798	0.863815	-1.15765	0.58753	0.873432	-1.14491	0.437816	0.822374	-1.21599	0.265108	0.750533	-1.33239	0.0571877	0.587631	-1.70175	0.54287	0.858826	-1.16438	0.786468	1.0694	1.0694	2.31745	2.24091	0.859531	1
cg18542368	TMEM108;TMEM108	0.125351	0.0815989	0.504864	-1.98073	0.00492893	0.267447	-3.73906	0.138665	0.568666	-1.7585	0.586932	0.823452	-1.2144	0.100554	0.528884	-1.89077	0.313741	0.691466	-1.4462	0.216615	0.631035	-1.5847	0.307093	0.687701	-1.45412	0.45739	0.764918	-1.30733	2.31744	4.60226	1.76527	1
cg25820858	VSIG8;C1orf204	0.125352	0.255532	0.811478	-1.23232	0.993003	1.00154	1.00154	0.370333	1.17574	1.17574	0.370116	0.850461	-1.17583	0.035686	1.5376	1.5376	0.505378	0.887862	-1.1263	0.0359394	0.65087	-1.53641	0.65693	0.924345	-1.08185	0.183837	1.28163	1.28163	2.31743	1.13675	0.436017	1
cg10356463	ITIH1;ITIH1	0.125353	0.456295	0.88532	-1.12954	0.120593	1.31034	1.31034	0.347216	0.856079	-1.16812	0.856622	1.02946	1.02946	0.0897524	1.35024	1.35024	0.128316	0.768039	-1.30202	0.0425316	1.45492	1.45492	0.578528	0.913845	-1.09428	0.184331	1.25367	1.25367	2.31742	0.945992	0.362852	1
cg18552620	STK17A	0.125355	0.0352939	0.346	-2.89017	0.643384	1.22365	1.22365	0.687367	1.19142	1.19142	0.727669	1.1634	1.1634	0.00766546	0.226797	-4.40923	0.438888	0.710488	-1.40748	0.988068	1.00649	1.00649	0.431621	0.706467	-1.41549	0.780144	1.12879	1.12879	2.31741	6.87901	2.63858	1
cg23082845	SDF4;SDF4	0.125356	0.432255	0.844233	-1.18451	0.0175086	1.84211	1.84211	0.079925	1.50759	1.50759	0.199806	0.751142	-1.33131	0.561924	0.883476	-1.13189	0.160828	0.72873	-1.37225	0.484606	1.16189	1.16189	0.866717	1.03612	1.03612	0.93435	0.982745	-1.01756	2.3174	1.63818	0.628361	1
cg11245297	CCL25	0.125356	0.143847	1.62047	1.62047	0.0397043	2.07727	2.07727	0.21869	1.48836	1.48836	0.74887	0.905987	-1.10377	0.988942	1.00427	1.00427	0.0356308	2.12071	2.12071	0.0346749	2.13177	2.13177	0.10973	1.7091	1.7091	0.936779	0.97591	-1.02468	2.3174	3.46799	1.33022	1
cg07484315	SEC23A;SEC23A	0.125357	0.313635	0.773404	-1.29298	0.120058	1.51559	1.51559	0.0202495	1.99424	1.99424	0.946808	1.01659	1.01659	0.361406	0.793481	-1.26027	0.406447	1.23294	1.23294	0.552681	1.15963	1.15963	0.264365	0.750631	-1.33221	0.0779833	1.62075	1.62075	2.31739	2.23128	0.855859	1
cg15231942	MED16	0.125359	0.149416	0.676239	-1.47877	0.630044	1.13069	1.13069	0.260889	1.34549	1.34549	0.605083	0.876323	-1.14113	0.239883	0.732383	-1.36541	0.34464	1.27935	1.27935	0.00983852	2.28362	2.28362	0.639913	1.12665	1.12665	0.548758	0.857653	-1.16597	2.31738	2.35082	0.901717	1
cg15536845	SLC7A14	0.12536	0.493433	0.749699	-1.33387	0.0121134	3.65275	3.65275	0.825425	1.09582	1.09582	0.728954	1.15499	1.15499	0.151144	0.528783	-1.89114	0.736513	0.869462	-1.15014	0.12067	0.49799	-2.00807	0.353062	0.673141	-1.48557	0.261352	0.615587	-1.62447	2.31737	6.29686	2.41533	1
cg20986996	TCF21;TCF21	0.12536	0.620661	1.31503	1.31503	0.868562	0.913094	-1.09518	0.970857	0.980146	-1.02026	0.454186	0.658026	-1.5197	0.120947	0.397266	-2.5172	0.990337	0.993374	-1.00667	0.0865666	0.35374	-2.82693	0.0110555	5.751	5.751	0.575131	0.732809	-1.36461	2.31736	11.0596	4.2422	1
cg02249119	KIAA0182;KIAA0182	0.125361	0.335213	0.869856	-1.14962	0.016452	1.50871	1.50871	0.971621	0.995021	-1.005	0.206107	0.829347	-1.20577	0.565412	1.08494	1.08494	0.175469	1.22401	1.22401	0.0557879	1.35532	1.35532	0.896888	1.01836	1.01836	0.63568	0.935237	-1.06925	2.31736	0.72245	0.277116	1
cg16431543	RIMBP2	0.125361	0.309115	0.819606	-1.2201	0.419426	0.855633	-1.16873	0.746159	1.06331	1.06331	0.101911	0.712932	-1.40266	0.122689	0.728985	-1.37177	0.164556	0.755591	-1.32347	0.0239296	1.66398	1.66398	0.490583	0.876042	-1.1415	0.221755	0.784494	-1.27471	2.31736	1.31092	0.502839	1
cg27360006	ZNF41;ZNF41	0.125362	0.278096	1.43944	1.43944	0.144562	0.602819	-1.65887	0.103642	0.562819	-1.77677	0.146418	0.604428	-1.65446	0.0804085	0.534549	-1.87074	0.865065	1.05647	1.05647	0.0515993	2.04528	2.04528	0.877154	1.05123	1.05123	0.538734	0.817901	-1.22264	2.31735	3.82824	1.46844	1
cg10436333	NKAIN4;FLJ16779	0.125363	0.211422	0.50351	-1.98606	0.0121421	0.196076	-5.10005	0.141215	0.438386	-2.2811	0.314228	1.72018	1.72018	0.267537	0.547731	-1.82571	0.316004	0.58257	-1.71653	0.0904731	0.378251	-2.64374	0.328888	0.591443	-1.69078	0.490093	1.44106	1.44106	2.31734	9.96913	3.82397	1
cg13540256	ZNF167;ZNF167	0.125364	0.503267	1.13289	1.13289	0.0878747	0.707526	-1.41338	0.270304	0.809917	-1.23469	0.160951	0.759551	-1.31657	0.793945	0.953059	-1.04925	0.16288	1.31469	1.31469	0.584535	1.10674	1.10674	0.213485	0.786148	-1.27203	0.0377307	1.55682	1.55682	2.31733	1.23815	0.474934	1
cg20180843	C7orf51	0.125365	0.0687082	0.359377	-2.78259	0.0110423	0.201681	-4.95832	0.0415763	0.307226	-3.25494	0.201532	0.507914	-1.96884	0.217842	0.52146	-1.91769	0.115676	0.423611	-2.36066	0.928899	0.956163	-1.04585	0.487462	0.70164	-1.42523	0.919057	0.950226	-1.05238	2.31733	9.25919	3.55168	1
cg13266018	FSCN1	0.125365	0.216867	0.491881	-2.03301	0.530239	0.706675	-1.41508	0.0717182	0.333549	-2.99806	0.299934	0.556231	-1.79782	0.00932646	0.165174	-6.05421	0.686249	1.24826	1.24826	0.82129	0.883784	-1.1315	0.241738	1.95246	1.95246	0.258967	0.525663	-1.90236	2.31733	10.9432	4.19763	1
cg02813606	VPS52	0.125369	0.320254	0.604182	-1.65513	0.17026	0.488423	-2.0474	0.178465	0.495907	-2.01651	0.594717	0.768401	-1.3014	0.00887622	0.195168	-5.12379	0.172433	0.490425	-2.03905	0.0310994	0.288972	-3.46054	0.710203	1.20096	1.20096	0.455344	0.68863	-1.45216	2.31729	8.83409	3.38866	1
cg07866823	LMF1	0.125369	0.764979	0.91557	-1.09222	0.729462	0.902897	-1.10755	0.828369	0.938119	-1.06596	0.889449	0.959906	-1.04177	0.235607	0.693709	-1.44153	0.144634	1.58565	1.58565	0.0205223	2.27319	2.27319	0.0308532	2.1084	2.1084	0.364823	1.31517	1.31517	2.31729	3.17697	1.21865	1
cg14194835	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.12537	0.294967	0.77754	-1.28611	0.895815	1.03082	1.03082	0.810079	0.94575	-1.05736	0.701492	0.914641	-1.09333	0.852278	0.957734	-1.04413	0.17672	0.716997	-1.39471	0.00500932	2.36378	2.36378	0.772221	0.93497	-1.06955	0.592634	1.13328	1.13328	2.31728	1.96971	0.755563	1
cg27187555	PRDM16;PRDM16	0.125371	0.0443824	0.33407	-2.99338	0.0650892	0.374021	-2.67365	0.779562	0.875262	-1.14252	0.183303	0.511507	-1.95501	0.0865512	0.407001	-2.457	0.0845585	0.404188	-2.47409	0.0445781	0.334504	-2.9895	0.0546231	0.355159	-2.81564	0.108696	0.435719	-2.29506	2.31727	8.27446	3.17402	1
cg07601542	OLIG2	0.125373	0.384161	0.569453	-1.75607	0.0776092	3.44784	3.44784	0.208206	2.3101	2.3101	0.658816	1.32367	1.32367	0.462779	1.60264	1.60264	0.124533	2.85601	2.85601	0.223535	0.446201	-2.24114	0.0419966	0.227923	-4.38744	0.440323	0.608603	-1.64311	2.31726	14.614	5.60587	1
cg20674067	SEZ6L	0.125374	0.488509	0.719958	-1.38897	0.105224	0.437579	-2.2853	0.409259	1.48297	1.48297	0.152765	2.0442	2.0442	0.156622	0.492908	-2.02878	0.963858	1.02138	1.02138	0.0632851	0.377116	-2.65171	0.050612	0.353443	-2.82931	0.403703	1.49027	1.49027	2.31725	8.00058	3.069	1
cg19847038	ARL13B;STX19;ARL13B	0.125376	0.0910203	0.33969	-2.94386	0.0133597	0.169077	-5.91447	0.0830319	0.328524	-3.04392	0.775444	0.847145	-1.18043	0.046837	0.26717	-3.74293	0.316797	0.548682	-1.82255	0.0624736	0.29639	-3.37393	0.735611	0.821543	-1.21722	0.417244	0.618268	-1.61742	2.31723	12.3458	4.73584	1
cg03881544	EVC2;EVC	0.125378	0.631971	0.728232	-1.37319	0.0575755	0.243825	-4.10131	0.0778369	0.275856	-3.62508	?	?	?	0.0271352	0.179258	-5.57855	?	?	?	?	?	?	0.190897	0.402452	-2.48477	0.554177	0.674874	-1.48176	2.39965	10.9433	6.0805	1
cg12397426	LRRC34	0.12538	0.230845	0.861854	-1.16029	0.0463584	1.30986	1.30986	0.0598346	1.28553	1.28553	0.756395	1.03749	1.03749	0.0326752	1.34399	1.34399	0.557744	1.07264	1.07264	0.297748	0.880138	-1.13619	0.371293	1.1147	1.1147	0.575285	1.06925	1.06925	2.3172	0.513435	0.196956	1
cg09313191	DIP2C	0.12538	0.341723	0.819836	-1.21976	0.473579	0.862603	-1.15928	0.0662445	0.658519	-1.51856	0.351323	1.21471	1.21471	0.0194371	0.563875	-1.77344	0.852871	0.963054	-1.03836	0.0482804	0.632786	-1.58031	0.370131	1.20518	1.20518	0.813541	0.953219	-1.04908	2.3172	1.509	0.578858	1
cg18679886	DLD	0.125383	0.106197	1.30348	1.30348	0.776638	1.04365	1.04365	0.750201	1.04915	1.04915	0.82795	0.967834	-1.03324	0.0316169	1.46017	1.46017	0.186025	0.810082	-1.23444	0.371407	0.871216	-1.14782	0.397995	1.13882	1.13882	0.0333012	1.45309	1.45309	2.31717	0.828113	0.317672	1
cg11619050	APOM	0.125385	0.429987	0.645852	-1.54834	0.108672	0.386911	-2.58457	0.427903	1.55154	1.55154	0.0323849	0.256799	-3.8941	0.0712674	0.335097	-2.98421	0.1244	0.405403	-2.46668	0.0455553	0.288142	-3.47052	0.642205	0.775752	-1.28907	0.092604	0.366274	-2.73019	2.31715	10.808	4.14607	1
cg24691453	S100A4;S100A4	0.125387	0.815251	0.92222	-1.08434	0.816346	1.08381	1.08381	0.0819122	0.513304	-1.94816	0.179757	0.610851	-1.63706	0.970821	0.987426	-1.01273	0.921839	0.966618	-1.03453	0.0117675	2.96973	2.96973	0.29497	1.45607	1.45607	0.417341	0.75071	-1.33207	2.31714	4.39201	1.68484	1
cg23046903	EFEMP2	0.125388	0.367799	0.743814	-1.34442	0.867279	1.05497	1.05497	0.203983	1.53558	1.53558	0.418915	0.767792	-1.30244	0.107684	0.57027	-1.75356	0.0354643	0.456876	-2.18878	0.0183621	0.400334	-2.49792	0.380375	0.749856	-1.33359	0.940543	0.976417	-1.02415	2.31713	3.75621	1.44095	1
cg01040782	AADACL4	0.12539	0.550713	0.892592	-1.12033	0.113745	1.38248	1.38248	0.696054	1.07669	1.07669	0.0370749	0.63404	-1.57719	0.0198136	1.69809	1.69809	0.659421	0.919914	-1.08706	0.769736	1.0568	1.0568	0.853648	0.965841	-1.03537	0.581001	1.11062	1.11062	2.31712	1.30003	0.498715	1
cg13322131	TFAP2B	0.125391	0.144535	2.15652	2.15652	0.786886	1.14211	1.14211	0.0352967	3.32688	3.32688	0.243131	1.8201	1.8201	0.919945	0.951902	-1.05053	0.102479	2.4017	2.4017	0.0540825	2.92133	2.92133	0.0171001	4.15887	4.15887	0.631513	1.26736	1.26736	2.31711	8.82331	3.3848	1
cg15555932	AP1M2;AP1M2	0.125392	0.0409386	8.63302	8.63302	0.162006	3.9127	3.9127	0.0607217	6.90242	6.90242	0.416855	2.13427	2.13427	0.0661286	6.57571	6.57571	0.965123	0.960836	-1.04076	0.953614	0.948238	-1.05459	0.0331875	9.72697	9.72697	0.0743351	6.15188	6.15188	2.3171	30.6359	11.7526	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg25039722	CA10;CA10;CA10	0.125393	0.0780785	0.75785	-1.31952	0.77441	0.960117	-1.04154	0.612505	0.930215	-1.07502
cg02331198	AIM1	0.125394	0.338347	1.52787	1.52787	0.107822	0.470661	-2.12467	0.0132026	0.267296	-3.74117
cg24750920	RGL2;RGL2	0.125396	0.266333	1.16184	1.16184	0.436617	1.10825	1.10825	0.125936	1.2392	1.2392
cg02593043	EML4;EML4	0.125397	0.0902445	0.715126	-1.39836	0.220468	1.26031	1.26031	0.94639	1.01215	1.01215
cg01350996	VAC14	0.125399	0.530195	0.786497	-1.27146	0.499968	1.29513	1.29513	0.195203	1.67776	1.67776
cg23731668	EPC2	0.125399	0.69029	0.803867	-1.24399	0.440153	0.651078	-1.53592	0.090462	0.361732	-2.76448
cg16431233	CYB561;CYB561;CYB561	0.1254	0.850962	0.9728	-1.02796	0.0456058	1.39942	1.39942	0.0423825	0.70983	-1.40879
cg15162101	CCDC14	0.125402	0.119805	0.591304	-1.69118	0.157536	1.60082	1.60082	0.758973	0.908636	-1.10055
cg05786698	TCTE3	0.125402	0.678181	1.16305	1.16305	0.0532231	0.451579	-2.21445	0.427452	0.745812	-1.34082
cg02014475	KIR2DL3;KIR2DL3	0.125402	0.0629146	0.252756	-3.95638	0.0229667	0.167289	-5.97768	0.109224	0.317257	-3.15202
cg08633850	STARD9	0.125404	0.0472891	2.03989	2.03989	0.312293	1.38861	1.38861	0.892477	1.04339	1.04339
cg22442732	RTKN;RTKN;RTKN	0.125404	0.121854	1.56071	1.56071	0.0576047	1.76819	1.76819	0.960894	1.0131	1.0131
cg06231385	FOXK1	0.125405	0.352945	1.3162	1.3162	0.223264	1.44461	1.44461	0.641833	0.874021	-1.14414
cg03187795	EARS2;EARS2	0.125405	0.291537	0.453601	-2.20458	0.010345	0.0969949	-10.3098	0.0466278	0.192871	-5.1848
cg04548722	LOC440335;LOC440335;LOC440335	0.125406	0.230051	1.22097	1.22097	0.0749468	0.730202	-1.36948	0.376648	0.86603	-1.15469
cg22807608	RAI1	0.125406	0.910157	1.03655	1.03655	0.0455387	2.07347	2.07347	0.0100816	2.80815	2.80815
cg13357496	ZNF830;CCT6B	0.125408	0.974179	1.00424	1.00424	0.285433	0.864849	-1.15627	0.324181	0.875242	-1.14254
cg01337931	SLC5A4	0.125409	0.0226079	0.312392	-3.20111	0.175285	0.541019	-1.84836	0.385397	0.684375	-1.46119
cg03301671	FAT1	0.125409	0.0237057	0.23543	-4.24754	0.0554904	0.312699	-3.19797	0.176548	0.463229	-2.15876
cg10973726	ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2	0.125415	0.159091	1.42497	1.42497	0.389464	0.812584	-1.23064	0.0984876	0.652856	-1.53173
cg06497903	FGF22	0.125415	0.456492	1.25548	1.25548	0.111678	1.68161	1.68161	0.404578	0.774254	-1.29157
cg09881510	PPFIA2;PPFIA2	0.125416	0.110919	0.786255	-1.27185	0.250634	1.18082	1.18082	0.0676646	1.32768	1.32768
cg05070299	CLCN7;CLCN7	0.125419	0.0724962	0.675555	-1.48026	0.0182162	0.570625	-1.75246	0.155006	0.742403	-1.34698
cg17778120	RBP2;RBP2	0.125419	0.468341	0.85555	-1.16884	0.200417	0.75129	-1.33104	0.383501	0.82783	-1.20798
cg06477797	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.125423	0.464667	0.784714	-1.27435	0.0245282	2.39338	2.39338	0.218415	1.52461	1.52461
cg01852186	LIN7A	0.125423	0.0269169	0.195505	-5.11497	0.614327	0.728722	-1.37226	0.906939	0.929753	-1.07555
cg16941177	UBE4A	0.125424	0.310895	1.25145	1.25145	0.465046	0.85294	-1.17242	0.068413	0.646318	-1.54723
cg14770633	GPN1;CCDC121;GPN1;GPN1;CCDC121;GPN1;GPN1;GPN1;CCDC121;GPN1;GPN1	0.125426	0.0925236	0.740359	-1.3507	0.173543	0.790468	-1.26507	0.295641	0.838529	-1.19256
cg11407681	FAM78B	0.125426	0.0371662	0.623601	-1.60359	0.115018	0.715688	-1.39726	0.0643543	0.666534	-1.5003
cg26566407	SKI	0.125426	0.148296	0.399422	-2.50362	0.907834	0.933753	-1.07095	0.877101	1.09592	1.09592
cg09659661	IRX6	0.12543	0.423462	1.17482	1.17482	0.0254983	1.6873	1.6873	0.538028	0.884373	-1.13074
cg22254681	SLC6A6;SLC6A6;SLC6A6	0.125431	0.951444	1.01235	1.01235	0.791894	0.94811	-1.05473	0.222504	1.29475	1.29475
cg16023122	NAV1;NAV1	0.125431	0.779912	0.894925	-1.11741	0.139873	1.87667	1.87667	0.0316049	2.71497	2.71497
cg14584616	HEATR2	0.12544	0.301771	0.602055	-1.66098	0.102557	2.33323	2.33323	0.66875	0.815348	-1.22647
cg11657817	CST11;CST11	0.12544	0.0287701	0.266223	-3.75625	0.0464632	0.310264	-3.22306	0.181399	0.48284	-2.07108
cg14008134	TMEM102	0.125443	?	?	?	0.370686	0.680839	-1.46878	0.216138	1.7235	1.7235
cg10111450	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.125449	0.361724	0.764227	-1.30851	0.0647224	1.81308	1.81308	0.0347738	2.02537	2.02537
cg17370395	ZFAT	0.125453	0.174764	0.856208	-1.16794	0.0836248	1.22868	1.22868	0.0315575	1.3115	1.3115
cg05504665	STK32C	0.125454	0.954704	0.97496	-1.02568	0.993257	1.00378	1.00378	0.542192	0.75924	-1.31711
cg14233374	PCNT	0.125454	0.322209	0.685214	-1.4594	0.70156	1.15296	1.15296	0.93235	0.969102	-1.03188
cg20638127	HCG22	0.125455	0.57713	1.12063	1.12063	0.33618	0.818319	-1.22202	0.0182777	0.560381	-1.7845
cg17181158	FAM18B	0.125459	0.0507699	15.6735	15.6735	0.83708	0.775226	-1.28995	0.091722	9.93365	9.93365
cg12555334	CCT6A;PSPH;CCT6A	0.12546	0.144104	0.594281	-1.68271	0.0234581	0.407513	-2.45391	0.118139	0.569684	-1.75536
cg26308818	MAEL	0.125462	0.733793	1.12038	1.12038	0.341919	0.721745	-1.38553	0.0169544	0.37919	-2.6372
cg14992217	ACOT7;ACOT7;ACOT7;ACOT7	0.125462	0.0517995	0.343451	-2.91162	0.75519	1.16304	1.16304	0.14272	0.4673	-2.13995
cg08944935	ZNHIT6;ZNHIT6	0.125466	0.300375	0.702246	-1.424	0.225699	0.657665	-1.52053	0.1817	1.59512	1.59512
cg08198713	KLRC1;KLRC1;KLRC1;KLRC1	0.125467	0.742793	1.05325	1.05325	0.459994	0.888236	-1.12583	0.91275	0.98288	-1.01742
cg17928268	CST11;CST11	0.12547	0.518848	0.598945	-1.6696	0.161554	0.309847	-3.2274	0.873843	0.882904	-1.13263
cg07291563	GRWD1	0.125471	0.0945697	0.722012	-1.38502	0.204523	0.788739	-1.26785	0.890071	1.02482	1.02482
cg00922522	RIMBP2	0.125472	0.151392	0.403663	-2.47731	0.771641	0.842202	-1.18736	0.796605	0.858624	-1.16465
cg13930557	ABCA2;ABCA2	0.125474	0.958466	1.01246	1.01246	0.440786	0.829468	-1.20559	0.00834177	0.448518	-2.22956
cg01012330	C3orf59	0.125476	0.0399944	0.445377	-2.24529	0.632281	0.848508	-1.17854	0.545511	1.23178	1.23178
cg27368379	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.125477	0.0998567	1.66714	1.66714	0.0323073	2.03492	2.03492	0.471452	1.23075	1.23075
cg16508913	GALNTL4	0.125479	0.724753	0.895667	-1.11649	0.464433	0.792892	-1.26121	0.0202819	0.418016	-2.39225
cg05809481	ISG20L2	0.125482	0.0189487	0.153811	-6.50147	0.0901829	0.292214	-3.42215	0.17144	0.383184	-2.60971
cg21274274	ASFMR1;ASFMR1;ASFMR1;ASFMR1;ASFMR1;FMR1	0.125483	0.189445	0.443423	-2.25518	0.0159005	0.1777	-5.62746	0.878837	0.914617	-1.09335
cg23395310	SNHG7;SNHG7;SNHG7	0.125484	0.127278	0.661574	-1.51155	0.257117	1.34487	1.34487	0.567715	1.15569	1.15569
cg07588216	ENTPD6;ENTPD6	0.125489	0.786142	0.940688	-1.06305	0.210803	1.34506	1.34506	0.00633542	0.449728	-2.22357
cg19575909	LRRC28	0.12549	0.842361	1.09311	1.09311	0.0135772	0.255239	-3.9179	0.310703	0.625635	-1.59838
cg03984537	KCNA10	0.125495	0.725235	0.903684	-1.10658	0.0232842	2.17757	2.17757	0.947684	0.981343	-1.01901
cg16273664	IGF2BP2;IGF2BP2;C3orf65	0.125498	0.512958	0.684923	-1.46002	0.0267781	0.223898	-4.46632	0.0640678	0.305147	-3.27711
cg09173265	SBF1	0.125502	0.630181	1.21295	1.21295	0.186999	1.74469	1.74469	0.292221	0.647352	-1.54475
cg00661673	PALLD;PALLD;PALLD;PALLD	0.125505	0.149154	0.754179	-1.32594	0.294533	0.82014	-1.2193	0.651372	1.0865	1.0865
cg24535312	SELI;GPR113;SELI	0.125506	0.917274	1.01233	1.01233	0.138186	1.20712	1.20712	0.0174759	1.40653	1.40653
cg20811317	NRCAM;NRCAM	0.125506	0.642393	1.20744	1.20744	0.0989771	0.482326	-2.07329	0.0178534	0.31329	-3.19193
cg06581825	SLC4A10	0.125507	0.977024	0.975794	-1.02481	0.0179259	11.5611	11.5611	0.172528	3.43946	3.43946
cg23558002	PRHOXNB	0.125509	0.173715	3.37577	3.37577	0.0946727	0.213516	-4.68348	0.649893	0.681046	-1.46833
cg04998160	PCDHB16;PCDHB8	0.125509	0.590526	0.875127	-1.14269	0.0195878	0.500273	-1.99891	0.692478	0.907001	-1.10253
cg10158369	ACSF3;ACSF3;ACSF3	0.125509	0.384406	1.79391	1.79391	0.156883	2.69698	2.69698	0.342202	0.526622	-1.8989
cg24780086	ANKH	0.125514	0.301562	1.18933	1.18933	0.101482	0.747909	-1.33706	0.106624	0.751706	-1.33031
cg01186212	ANK3	0.125514	0.362389	0.524262	-1.90744	0.0153213	7.79347	7.79347	0.036275	5.36155	5.36155
cg20287119	ZNF721;ABCA11P	0.125515	0.0626111	1.49754	1.49754	0.700228	1.07741	1.07741	0.0453493	0.64247	-1.55649
cg22838674	PROSC	0.125517	0.882828	0.967116	-1.034	0.95798	0.988125	-1.01202	0.770487	1.06857	1.06857
cg00931375	RYR2	0.125521	0.0344521	0.401092	-2.49319	0.983864	1.00734	1.00734	0.136307	0.556027	-1.79847
cg12565681	RHBDF2;RHBDF2	0.125521	0.7409	1.68447	1.68447	0.128487	13.2228	13.2228	0.189484	8.88273	8.88273
cg09736959	LTA;LTA;LTA	0.125521	0.0124035	0.219306	-4.55984	0.624138	1.27221	1.27221	0.0304642	0.289432	-3.45504
cg04199943	HLA-L	0.125522	0.587209	1.40775	1.40775	0.0178172	6.03269	6.03269	0.940155	0.954236	-1.04796
cg21314302	ENOX1;ENOX1	0.125524	0.688198	1.08633	1.08633	0.0183501	0.555746	-1.79938	0.169549	1.35035	1.35035
cg05357152	GATA5	0.125524	0.0632302	3.77568	3.77568	0.159763	0.384698	-2.59944	0.807212	1.16821	1.16821
cg16512163	RASA3	0.125524	0.984572	1.00478	1.00478	0.47461	1.19619	1.19619	0.381348	0.801548	-1.24759
cg04922063	CCNY;CCNY	0.125525	0.566132	0.804544	-1.24294	0.452057	0.750299	-1.3328	0.0303826	0.385092	-2.59678
cg13151664	KALRN;KALRN;KALRN	0.125529	0.203197	0.457143	-2.1875	0.770861	0.843508	-1.18553	0.0339919	0.236398	-4.23015
cg00975605	HRNBP3	0.12553	0.0677161	0.738506	-1.35409	0.272282	0.844295	-1.18442	0.0620912	0.732626	-1.36495
cg01157169	C6orf122;C6orf208	0.125531	0.0268158	0.558358	-1.79097	0.10636	0.675853	-1.47961	0.0411114	0.592393	-1.68807
cg14612428	GNAL;GNAL;GNAL;GNAL;GNAL	0.125534	0.154954	4.17012	4.17012	0.128835	4.66338	4.66338	0.242756	3.14812	3.14812
cg19685066	ACTL8	0.125535	0.174203	0.295518	-3.38388	0.0701588	0.181359	-5.51392	0.0402716	0.135577	-7.37587
cg22033586	GPD2;GPD2;GPD2	0.125537	0.118126	1.38187	1.38187	0.428473	1.1666	1.1666	0.295448	1.22976	1.22976
cg13694281	FSCN2;FSCN2	0.125538	0.0918895	0.285497	-3.50266	0.343347	0.517144	-1.9337	0.435453	1.71175	1.71175
cg24195524	RNF5;RNF5P1	0.12554	0.42499	0.422664	-2.36594	0.118213	6.00736	6.00736	0.159323	4.90259	4.90259
cg27326518	C1orf55	0.125541	0.907928	0.985631	-1.01458	0.0946137	0.79467	-1.25838	0.849062	0.976448	-1.02412
cg02388150	SFRP1	0.125543	0.16648	0.367208	-2.72325	0.0578483	0.233101	-4.28996	0.169409	2.70218	2.70218
cg23686365	ZMYM1	0.125543	0.241459	0.849802	-1.17675	0.156104	0.817582	-1.22312	0.605405	0.93316	-1.07163
cg24034453	RAI1	0.125545	0.407375	1.18033	1.18033	0.318156	1.22365	1.22365	0.739816	1.06737	1.06737
cg25652754	BAIAP2L2	0.125545	0.2054	0.661722	-1.51121	0.0510236	0.503135	-1.98754	0.294931	0.714828	-1.39894
cg23174322	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.125551	0.156049	2.86241	2.86241	0.41689	1.77708	1.77708	0.528701	1.5563	1.5563
cg17561452	ADAD2;ADAD2	0.125553	0.712769	0.903977	-1.10622	0.0392648	1.91784	1.91784	0.0670922	0.571028	-1.75123
cg12915947	TUBB	0.125553	0.0269923	0.582791	-1.71588	0.594621	1.1171	1.1171	0.569897	0.888347	-1.12569
cg03698393	HAPLN3	0.125555	0.0506703	0.598048	-1.67211	0.0770824	0.635202	-1.5743	0.0521228	0.600476	-1.66535
cg09660365	SLC6A11	0.125555	0.144118	0.611425	-1.63552	0.25368	0.688161	-1.45315	0.582116	0.840087	-1.19035
cg02765045	PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2	0.125555	0.0288458	0.751279	-1.33106	0.699499	1.04398	1.04398	0.313327	0.890729	-1.12268
cg22869239	LRP6	0.125556	0.527162	1.05207	1.05207	0.0580662	1.18495	1.18495	0.827896	0.9829	-1.0174
cg27201332	HDGFRP3	0.125556	0.0643104	0.600875	-1.66424	0.416664	0.815941	-1.22558	0.223411	0.730908	-1.36816
cg19136868	RASSF7;RASSF7;RASSF7;C11orf35	0.125557	0.713923	1.04667	1.04667	0.145708	0.824051	-1.21352	0.311296	1.13858	1.13858
cg13559144	DDX55	0.125559	0.0152666	0.244488	-4.09018	0.673075	1.22222	1.22222	0.929296	1.04286	1.04286
cg04135372	INPP4A;INPP4A;INPP4A;INPP4A;INPP4A;INPP4A;INPP4A	0.12556	0.579706	0.903615	-1.10667	0.375715	1.17905	1.17905	0.769603	1.05465	1.05465
cg26033531	CCDC146	0.12556	0.603393	0.939682	-1.06419	0.299263	1.13621	1.13621	0.179542	1.18437	1.18437
cg02257320	DCAKD;DCAKD	0.125562	0.335836	0.771416	-1.29632	0.0870935	0.610139	-1.63897	0.899622	0.967537	-1.03355
cg00183546	RNF216;RNF216	0.125567	0.644517	0.858083	-1.16539	0.142648	0.595053	-1.68052	0.0319255	0.436846	-2.28914
cg04290162	MPHOSPH6	0.125569	0.756091	0.927768	-1.07786	0.0582992	1.67339	1.67339	0.0458444	1.73458	1.73458
cg24103438	NLGN4X;NLGN4X;NLGN4X	0.125571	0.0483671	1.49743	1.49743	0.448143	1.1484	1.1484	0.200391	1.27391	1.27391
cg06112967	SP110;SP110;SP110	0.125572	0.804322	0.957793	-1.04407	0.118976	1.34173	1.34173	0.0155762	0.597343	-1.67408
cg07912402	AGRN	0.125574	0.353492	1.20974	1.20974	0.0105462	1.89975	1.89975	0.960412	1.00995	1.00995
cg15703365	ZNF815	0.125575	0.273396	1.26938	1.26938	0.116045	1.42967	1.42967	0.325657	0.808655	-1.23662
cg10319512	ZEB2;ZEB2;ZEB2	0.125576	0.210677	0.792238	-1.26225	0.0278603	1.58238	1.58238	0.225346	1.25213	1.25213
cg25599902	C1orf185	0.125578	0.299255	0.384312	-2.60205	0.285132	0.372747	-2.68279	0.0724852	0.168395	-5.9384
cg14626903	FIBCD1;FIBCD1	0.125581	0.201259	0.649263	-1.54021	0.342106	0.731067	-1.36786	0.0380415	0.463194	-2.15892
cg13625205	SNX27	0.125582	0.726202	0.951604	-1.05086	0.912011	0.984524	-1.01572	0.0228757	0.681022	-1.46838
cg09966204	MYO16	0.125582	0.140212	3.18379	3.18379	0.126943	3.33573	3.33573	0.303719	2.17577	2.17577
cg13364107	MIS12;MIS12;DERL2	0.125585	0.680232	1.0609	1.0609	0.49418	0.905703	-1.10411	0.0473482	1.3822	1.3822
cg15193249	HHIPL1;HHIPL1	0.125585	0.608138	0.783901	-1.27567	0.290816	0.596854	-1.67545	0.0170157	0.254133	-3.93495
cg14476213	PTGDS	0.125586	0.860521	0.950886	-1.05165	0.100068	0.596924	-1.67526	0.259378	0.713967	-1.40062
cg11342789	C1orf226;C1orf226	0.125587	0.592502	1.18121	1.18121	0.0532543	1.96782	1.96782	0.27955	0.707127	-1.41417
cg26297866	MEX3A	0.125587	0.0265505	0.496667	-2.01342	0.606975	0.871001	-1.1481	0.34037	1.29893	1.29893
cg11842791	FAM18B2;FAM18B2	0.125588	0.0504103	32.796	32.796	0.503997	0.352739	-2.83496	0.233262	6.89141	6.89141
cg19530972	BAZ1A;BAZ1A	0.125588	0.348217	1.23817	1.23817	0.930825	0.980978	-1.01939	0.887036	0.969048	-1.03194
cg15650274	NXNL2;NXNL2	0.125592	0.207944	2.22686	2.22686	0.182516	2.34681	2.34681	0.207578	2.22845	2.22845
cg16416584	CHSY1	0.125593	0.0420429	0.64393	-1.55296	0.631895	0.913304	-1.09493	0.921403	0.981628	-1.01872
cg11794625	FARSB	0.125594	0.554129	1.11277	1.11277	0.013181	1.73105	1.73105	0.12176	1.3492	1.3492
cg12673453	SCN4B;SCN4B;SCN4B;SCN4B	0.125594	0.0667771	2.0895	2.0895	0.114727	1.84974	1.84974	0.569217	0.813611	-1.22909
cg08110559	KCTD9	0.125596	0.627239	1.14263	1.14263	0.0158683	2.23645	2.23645	0.433355	1.24336	1.24336
cg07350016	TMEM132D	0.125599	0.315643	0.608572	-1.64319	0.0132883	0.23026	-4.34291	0.039456	0.319729	-3.12765
cg24658321	ZC3HAV1;ZC3HAV1	0.125599	0.667468	1.0676	1.0676	0.0666933	0.732581	-1.36504	0.0100912	0.611816	-1.63448
cg09832267	LY6G5C	0.1256	0.139799	0.622867	-1.60548	0.936251	1.02412	1.02412	0.516911	0.822172	-1.21629
cg19253827	ESPN	0.125603	0.328061	0.659374	-1.51659	0.368927	0.683392	-1.46329	0.963682	1.01896	1.01896

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)
cg25039722	0.220634	0.833286	-1.20007	0.403284	1.12878	1.12878	0.65443	1.06589	1.06589	0.0868497	0.765038	-1.30712	0.0812526	1.31487
cg02331198	0.602727	0.798097	-1.25298	0.271712	1.6346	1.6346	0.617122	1.24169	1.24169	0.560634	1.2875	1.2875	0.278142	1.6231
cg24750920	0.750311	1.04222	1.04222	0.974545	0.995876	-1.00414	0.248161	0.855248	-1.16925	0.0311347	1.38768	1.38768	0.034339	1.37675
cg02593043	0.366749	0.846601	-1.18119	0.578738	1.10598	1.10598	0.78445	1.05047	1.05047	0.0286766	0.629061	-1.58967	0.0583065	1.46853
cg01350996	0.843304	1.07761	1.07761	0.00653266	0.263245	-3.79875	0.897037	1.05011	1.05011	0.74643	1.13036	1.13036	0.358864	1.42808
cg23731668	0.479748	1.47936	1.47936	0.0961143	0.369329	-2.70762	0.0783231	0.344361	-2.90393	0.0116064	0.179079	-5.58412	0.850683	1.10819
cg16431233	0.243406	1.19596	1.19596	0.0692604	0.742314	-1.34714	0.557908	0.916788	-1.09076	0.286101	0.850088	-1.17635	0.872901	1.02375
cg15162101	0.051081	0.500734	-1.99707	0.092391	1.78001	1.78001	?	?	?	0.203476	0.65844	-1.51874	0.319434	0.725923
cg05786698	0.179561	1.67532	1.67532	0.482386	1.29491	1.29491	0.610098	0.83014	-1.20462	0.0254572	2.61494	2.61494	0.12456	1.82565
cg02014475	0.128855	0.340003	-2.94115	0.0237703	0.169683	-5.89333	0.491041	0.631418	-1.58374	0.108617	0.316521	-3.15934	0.796908	0.84407
cg08633850	0.107597	0.576047	-1.73597	0.285273	1.41708	1.41708	0.694809	1.13184	1.13184	?	?	?	0.77751	1.09306
cg22442732	0.697192	1.10938	1.10938	0.457881	1.22221	1.22221	0.424301	0.805248	-1.24185	0.0930153	1.6332	1.6332	0.0104754	2.35195
cg06231385	0.389357	0.776029	-1.28861	0.635152	1.14728	1.14728	0.873687	1.04679	1.04679	0.00351347	3.1202	3.1202	0.610516	1.15911
cg03187795	0.399642	0.53644	-1.86414	0.101226	0.273542	-3.65575	0.0768077	0.241357	-4.14324	0.220943	0.394774	-2.53309	0.400614	0.537161
cg04548722	0.298914	0.843079	-1.18613	0.844616	1.0316	1.0316	0.694227	0.939281	-1.06464	0.0174116	1.58251	1.58251	0.249399	0.82625
cg22807608	0.68787	0.879475	-1.13704	0.393829	0.757481	-1.32016	0.199586	1.53876	1.53876	0.826334	0.932508	-1.07238	0.432507	1.29011
cg13357496	0.697198	0.950113	-1.05251	0.60225	0.933498	-1.07124	0.654517	0.942755	-1.06072	0.0155713	0.678265	-1.47435	0.762106	1.04053
cg01337931	0.789201	0.892081	-1.12097	0.279406	0.619245	-1.61487	0.0490301	0.383767	-2.60575	0.207726	0.567711	-1.76146	0.0741696	0.42827
cg03301671	0.473288	0.676595	-1.47799	0.015823	0.205281	-4.87138	0.791088	1.15281	1.15281	0.220833	0.501873	-1.99254	0.307489	0.567887
cg10973726	0.251628	1.32557	1.32557	0.0210625	1.9212	1.9212	0.629084	0.891781	-1.12135	0.677491	1.10343	1.10343	0.116916	1.49306
cg06497903	0.0326353	2.11724	2.11724	0.324407	1.35706	1.35706	0.101114	1.71365	1.71365	0.991619	1.00316	1.00316	0.497261	1.22969
cg09881510	0.712861	1.05251	1.05251	0.20735	1.20214	1.20214	0.703211	1.05443	1.05443	0.0467914	0.729664	-1.37049	0.227938	0.839263
cg05070299	0.297469	1.2354	1.2354	0.0617088	0.662419	-1.50962	0.683496	0.922908	-1.08353	0.76761	0.943653	-1.05971	0.497762	1.14422
cg17778120	0.829065	0.955312	-1.04678	0.0712783	0.653139	-1.53107	0.0191276	0.549056	-1.82131	0.919159	0.978763	-1.0217	0.99173	1.00219
cg06477797	0.876651	1.0519	1.0519	0.0714732	0.51905	-1.9266	0.594833	0.839562	-1.1911	0.789267	0.916433	-1.09119	0.863624	1.0576
cg01852186	0.0903044	0.312691	-3.19805	0.0134856	0.148839	-6.71866	0.300389	0.512541	-1.95106	0.336704	0.539599	-1.85323	0.156249	0.388816
cg16941177	0.660862	0.909874	-1.09905	0.360411	0.817786	-1.22281	0.943521	0.984957	-1.01527	0.0132215	1.92907	1.92907	0.265969	0.780375
cg14770633	0.109901	0.75354	-1.32707	0.340082	0.852437	-1.17311	0.127993	1.3063	1.3063	0.0180204	0.627139	-1.59454	0.804229	0.960473
cg11407681	0.488142	0.871551	-1.14738	0.577945	1.11596	1.11596	0.498449	0.874466	-1.14355	0.152184	1.34905	1.34905	0.238236	0.785734
cg26566407	0.380489	0.587189	-1.70303	0.0634944	0.290853	-3.43816	0.0774882	0.313031	-3.19457	0.0121938	0.15747	-6.35042	0.0729481	0.306124
cg09659661	0.260344	0.793446	-1.26033	0.817673	0.955511	-1.04656	0.817659	1.04656	1.04656	0.192111	0.761779	-1.31272	0.0424796	1.58473
cg22254681	0.962235	0.990504	-1.00959	0.575035	0.892132	-1.12091	0.395648	0.839216	-1.19159	0.369771	1.20394	1.20394	0.0194545	1.76687
cg16023122	0.711622	0.863162	-1.15853	0.390437	0.70557	-1.41729	0.609867	1.22623	1.22623	0.0306774	0.365626	-2.73503	0.392082	0.706466
cg14584616	0.661964	1.23202	1.23202	0.0604122	0.366295	-2.73004	0.0453583	0.33664	-2.97053	0.0444989	0.334749	-2.98731	0.871325	0.925999
cg11657817	0.769667	0.860128	-1.16262	0.0925929	0.386827	-2.58513	0.779177	0.865672	-1.15517	0.025897	0.257379	-3.88532	0.103015	0.400407
cg14008134	0.754846	0.87722	-1.13997	0.0686878	0.426491	-2.34471	0.791903	0.895311	-1.11693	0.164724	0.538011	-1.8587	0.0135321	0.278555
cg10111450	0.248087	0.707295	-1.41384	0.149329	0.641823	-1.55806	0.978648	1.00771	1.00771	0.645519	0.875603	-1.14207	0.215126	0.68782
cg17370395	0.983368	0.997761	-1.00224	0.220212	1.14871	1.14871	0.150688	0.847331	-1.18018	0.385987	0.90884	-1.1003	0.298708	1.12283
cg05504665	0.63221	0.806321	-1.2402	0.506389	1.35118	1.35118	0.6332	1.23941	1.23941	0.00877139	4.43809	4.43809	0.0461771	2.77276
cg14233374	0.454719	0.754663	-1.3251	0.029282	0.387026	-2.5838	0.559088	0.803815	-1.24407	0.0135726	0.323335	-3.09277	0.443618	1.33473
cg20638127	0.253656	0.785818	-1.27256	0.860366	1.03624	1.03624	0.467163	1.16136	1.16136	0.0570018	1.54565	1.54565	0.542877	0.882913
cg17181158	0.145054	6.92479	6.92479	0.839676	0.77843	-1.28464	0.62678	0.545563	-1.83297	0.824612	0.759985	-1.31582	0.0420078	18.1276
cg12555334	0.520952	1.24082	1.24082	0.194217	0.634143	-1.57693	0.694718	1.13975	1.13975	0.0668007	0.505852	-1.97686	0.055206	0.486351
cg26308818	0.411078	0.755862	-1.32299	0.23508	0.660728	-1.51348	0.0361107	2.2515	2.2515	0.639273	1.17023	1.17023	0.608193	0.841823
cg14992217	0.734995	0.84869	-1.17829	0.0213483	0.262952	-3.80297	0.830402	0.901605	-1.10913	0.0334911	0.301318	-3.31875	0.750235	1.16675
cg08944935	0.0348842	0.444924	-2.24758	0.493212	0.795167	-1.2576	0.122405	0.576149	-1.73566	0.668565	1.15241	1.15241	0.179077	1.60018
cg08198713	0.394432	1.14731	1.14731	0.641668	1.07663	1.07663	0.601066	1.08667	1.08667	0.00427281	1.82618	1.82618	0.299898	1.18442
cg17928268	0.0930223	0.234963	-4.256	0.164035	0.312277	-3.20228	0.333524	0.457588	-2.18537	0.00558012	0.0576779	-17.3377	0.129458	0.276937
cg07291563	0.277776	1.22148	1.22148	0.414131	1.15949	1.15949	0.640585	0.920031	-1.08692	0.0212775	0.612203	-1.63344	0.986524	1.003
cg00922522	0.417307	0.61314	-1.63095	0.0436999	0.254532	-3.92877	0.193097	0.443621	-2.25418	0.00811706	0.135324	-7.38969	0.630533	0.751269
cg13930557	0.88939	1.03365	1.03365	0.114765	0.66503	-1.50369	0.124541	0.673325	-1.48517	0.205406	1.37403	1.37403	0.763799	0.930831
cg01012330	0.30837	1.43226	1.43226	0.0503082	0.467534	-2.13888	0.930858	1.03001	1.03001	0.0280253	0.412985	-2.42139	0.233777	0.653542
cg27368379	0.0286326	2.07886	2.07886	0.831076	1.06242	1.06242	0.729308	1.10347	1.10347	0.711016	1.11124	1.11124	0.0185571	2.24598
cg16508913	0.713341	0.891363	-1.12188	0.0648311	0.523976	-1.90848	0.689498	0.882343	-1.13335	0.044882	2.04934	2.04934	0.616714	0.854464
cg05809481	0.563589	0.680682	-1.46912	0.0390255	0.207237	-4.82539	0.282768	0.479361	-2.08611	0.062312	0.250978	-3.98441	0.427444	0.586377
cg21274274	0.0496559	3.70672	3.70672	0.594869	0.730503	-1.36892	0.207706	0.459675	-2.17545	0.46203	0.645293	-1.54968	0.653823	1.30226
cg23395310	0.369636	0.793881	-1.25964	0.055206	0.580117	-1.72379	0.743604	0.921065	-1.0857	0.217939	0.722754	-1.3836	0.013968	0.467405
cg07588216	0.376461	0.815417	-1.22637	0.78779	1.06254	1.06254	0.975408	1.00695	1.00695	0.440708	0.837971	-1.19336	0.326774	1.2556
cg19575909	0.913285	0.952462	-1.04991	0.66667	1.2138	1.2138	0.663372	1.21631	1.21631	0.0143243	0.259193	-3.85813	0.598391	0.788476
cg03984537	0.0278206	0.474176	-2.10892	0.712226	1.11219	1.11219	0.408514	0.78457	-1.27458	0.156391	1.54516	1.54516	0.946715	1.01937
cg16273664	0.796924	1.15845	1.15845	0.0555643	0.290122	-3.44682	0.330503	0.563985	-1.7731	0.381438	0.59928	-1.66867	0.164139	2.33207
cg09173265	0.0132115	0.29454	-3.39512	0.456361	0.739431	-1.35239	0.292968	1.54364	1.54364	0.253182	0.621943	-1.60786	0.248999	1.61526
cg00661673	0.935176	1.01495	1.01495	0.179679	1.29681	1.29681	0.624135	1.09425	1.09425	0.00871894	1.83955	1.83955	0.248869	1.24585
cg24535312	0.938422	0.99093	-1.00915	0.182242	1.18169	1.18169	0.0774786	1.26039	1.26039	0.127389	0.823332	-1.21458	0.785188	1.03274
cg20811317	0.104357	2.04554	2.04554	0.394401	1.42138	1.42138	0.453565	1.36038	1.36038	0.472487	1.34254	1.34254	0.440978	0.728517
cg06581825	0.589978	1.58864	1.58864	0.048148	0.146365	-6.83225	0.889762	1.12524	1.12524	0.362002	0.450578	-2.21937	0.635882	1.50051
cg23558002	0.775923	1.2711	1.2711	0.366342	0.458349	-2.18174	0.0785408	5.16821	5.16821	0.55796	0.60771	-1.64552	0.0387238	7.47986
cg04998160	0.581124	0.872107	-1.14665	0.142955	0.679361	-1.47197	0.262415	0.750558	-1.33234	0.348604	1.26738	1.26738	0.0499623	1.73144
cg10158369	0.12816	0.340376	-2.93793	0.854963	1.12738	1.12738	0.0647207	0.256789	-3.89425	0.0565743	0.243094	-4.11364	0.459459	1.63812
cg24780086	0.937687	1.01275	1.01275	0.924654	0.984793	-1.01544	0.769089	0.95343	-1.04884	0.0335784	1.49506	1.49506	0.860292	1.02895
cg01186212	0.961935	0.967616	-1.03347	0.196675	0.390002	-2.56409	0.46526	1.66966	1.66966	0.498485	1.60639	1.60639	0.396091	1.82115
cg20287119	0.198599	0.769644	-1.2993	0.543178	1.12593	1.12593	0.296472	1.23198	1.23198	0.0944704	1.42513	1.42513	0.695094	1.07887
cg22838674	0.162058	1.40281	1.40281	0.0376793	1.72735	1.72735	0.694436	0.914375	-1.09364	0.01356	0.500261	-1.99896	0.942287	1.01655
cg00931375	0.0888692	0.502182	-1.99131	0.0250671	0.371435	-2.69226	0.459466	0.761091	-1.3139	0.103008	0.520065	-1.92284	0.811506	1.09022
cg12565681	0.0861538	19.68	19.68	0.628688	0.46499	-2.15058	0.0455452	36.7208	36.7208	0.0881121	19.2488	19.2488	0.0287555	57.5799
cg09736959	0.182445	0.50167	-1.99334	0.147742	0.469007	-2.13216	0.622827	0.785306	-1.27339	0.105493	0.422239	-2.36833	0.478721	0.703926
cg04199943	0.181999	2.42013	2.42013	0.600651	1.39032	1.39032	0.323629	0.529392	-1.88896	?	?	?	0.420401	1.67127
cg21314302	0.53816	1.13649	1.13649	0.744562	0.935094	-1.06941	0.957404	1.01102	1.01102	0.0370909	1.64356	1.64356	0.411587	0.841694
cg05357152	0.0568729	3.93721	3.93721	0.783576	0.839385	-1.19135	0.545868	0.677936	-1.47506	0.0445178	4.33705	4.33705	0.212703	2.30397
cg16512163	0.965885	0.989518	-1.01059	0.0503703	1.73243	1.73243	0.230279	1.36354	1.36354	0.0102633	2.21901	2.21901	0.122948	1.50944
cg04922063	0.620988	1.2055	1.2055	0.0477276	0.427874	-2.33714	0.248141	1.57258	1.57258	0.200777	0.602488	-1.65978	0.177074	1.71256
cg13151664	0.976637	0.983079	-1.01721	0.715423	0.807853	-1.23785	0.0263749	0.21555	-4.63929	0.0186761	0.189904	-5.26581	0.89177	1.08257
cg00975605	0.865661	0.975233	-1.0254	0.366382	1.14734	1.14734	0.208889	0.821844	-1.21678	0.058906	1.37159	1.37159	0.339251	0.864249
cg01157169	0.14391	0.705509	-1.41742	0.730733	1.07978	1.07978	0.124959	0.691424	-1.44629	0.320565	0.796103	-1.25612	0.98486	0.995793
cg14612428	0.0965689	5.53713	5.53713	0.264842	0.336152	-2.97484	0.199624	3.56533	3.56533	0.830665	1.22251	1.22251	0.0108824	20.0706
cg19685066	0.36206	0.453813	-2.20355	0.0353939	0.126701	-7.89258	0.32511	0.424471	-2.35587	0.0170044	0.0859261	-11.6379	0.249384	0.362311
cg22033586	0.0486335	1.53623	1.53623	0.662163	1.08742	1.08742	0.383153	0.843265	-1.18587	0.799134	0.952556	-1.04981	0.0273776	0.608041
cg13694281	0.944608	0.954146	-1.04806	0.0434676	0.208342	-4.79981	0.0911126	0.28447	-3.51531	0.0226385	0.158237	-6.31964	0.22828	0.425608
cg24195524	0.19299	0.233116	-4.2897	0.0418916	0.0838575	-11.925	0.140958	0.187542	-5.33213	0.648529	0.615655	-1.62429	0.351369	0.362835
cg27326518	0.527996	0.923132	-1.08327	0.0632431	1.29866	1.29866	0.760065	1.03906	1.03906	0.0513489	0.757655	-1.31986	0.135851	0.817865
cg02388150	0.560031	1.49211	1.49211	0.140072	0.340256	-2.93896	0.395285	0.553656	-1.80618	0.0238927	0.160361	-6.23591	0.266694	0.455734
cg23686365	0.163574	0.8209	-1.21818	0.076644	0.769975	-1.29874	0.214175	0.840637	-1.18957	0.00725023	0.631397	-1.58379	0.466196	0.90626
cg24034453	0.607076	0.903506	-1.1068	0.381605	1.19189	1.19189	0.804134	0.952554	-1.04981	0.00502247	0.483811	-2.06692	0.404368	1.18164
cg25652754	0.109589	0.583248	-1.71454	0.0191648	0.416445	-2.40128	0.099865	0.572749	-1.74597	0.0264428	0.443359	-2.25551	0.281619	0.707627
cg23174322	0.173534	2.72778	2.72778	0.880675	1.10971	1.10971	0.421358	1.76692	1.76692	0.00475461	13.4381	13.4381	0.132968	3.07525
cg17561452	0.887385	1.03944	1.03944	0.799204	0.932774	-1.07207	0.252132	1.38626	1.38626	0.0844781	1.68376	1.68376	0.185833	0.681821
cg12915947	0.530439	1.13999	1.13999	0.402244	0.837997	-1.19332	0.3862	0.83265	-1.20099	0.00840773	0.499589	-2.00165	0.50097	0.868639
cg03698393	0.0150169	0.501494	-1.99404	0.462222	0.841325	-1.1886	0.255673	0.760373	-1.31514	0.423517	0.828023	-1.2077	0.619767	1.12241
cg09660365	0.073206	1.87086	1.87086	0.252772	0.687625	-1.45428	0.590869	1.18548	1.18548	0.0442801	0.484619	-2.06348	0.0540041	0.503715
cg02765045	0.0611886	0.791295	-1.26375	0.643662	0.949625	-1.05305	0.0308721	0.754821	-1.32482	0.0599323	0.790163	-1.26556	0.805475	0.972993
cg22869239	0.0986123	1.15428	1.15428	0.0802251	0.857492	-1.16619	0.134501	0.88	-1.13636	0.997636	0.999765	-1.00023	0.216592	1.10849
cg27201332	0.397403	0.80869	-1.23657	0.251982	0.745838	-1.34077	0.0478774	0.574477	-1.74071	0.0147451	0.479299	-2.08638	0.704633	1.09782
cg19136868	0.15567	0.828445	-1.20708	0.103063	0.801772	-1.24724	0.412546	1.10937	1.10937	0.236986	0.857705	-1.1659	0.0501249	1.31878
cg13559144	0.0330433	0.307714	-3.24977	0.0727531	0.388077	-2.57681	0.952428	0.972184	-1.02861	0.271001	0.581649	-1.71925	0.687973	0.826218
cg04135372	0.525197	1.12372	1.12372	0.898619	0.977171	-1.02336	0.0767936	0.700074	-1.42842	0.0112317	0.562412	-1.77805	0.349953	1.19043
cg26033531	0.0781384	0.792694	-1.26152	0.213107	1.1684	1.1684	0.459546	1.0935	1.0935	0.0959527	0.804909	-1.24238	0.0811919	0.794953
cg02257320	0.701415	0.904163	-1.106	0.279371	0.745201	-1.34192	0.0084709	0.415218	-2.40838	0.235898	1.38379	1.38379	0.397491	1.25428
cg00183546	0.246962	0.67112	-1.49005	0.028435	0.426566	-2.3443	0.204092	0.643056	-1.55507	0.446243	0.774321	-1.29145	0.157721	0.607967
cg04290162	0.604663	0.881908	-1.13391	0.17442	1.41569	1.41569	0.698202	1.09829	1.09829	0.883346	1.03596	1.03596	0.0128094	2.10412
cg24103438	0.813474	0.958575	-1.04321	0.574924	0.903552	-1.10674	0.0181339	0.598339	-1.67129	0.372904	0.848967	-1.1779	0.66386	1.08141
cg06112967	0.460626	1.13939	1.13939	0.265046	1.22358	1.22358	0.169529	1.28944	1.28944	0.543777	0.898752	-1.11265	0.247311	0.810477
cg07912402	0.510706	0.87541	-1.14232	0.523082	0.878899	-1.13779	0.484062	0.867762	-1.15239	0.0528751	1.55093	1.55093	0.797759	0.950075
cg15703365	0.934846	0.983076	-1.01726	0.0245792	0.571025	-1.75124	0.19966	0.753102	-1.32784	0.792044	1.05685	1.05685	0.131668	1.40572
cg10319512	0.585583	0.907356	-1.1021	0.503413	1.12739	1.12739	0.243276	0.80606	-1.2406	0.313497	0.831873	-1.20211	0.188562	1.27889
cg25599902	0.236681	0.332177	-3.01045	0.0306302	0.104599	-9.56032	0.108049	0.210436	-4.75205	0.0114238	0.0599742	-16.6738	0.400269	0.465165
cg14626903	0.508348	1.23953	1.23953	0.0632232	0.512418	-1.95153	0.671661	1.14619	1.14619	0.74651	0.901411	-1.10937	0.0160502	0.389416
cg13625205	0.906547	0.983566	-1.01671	0.596588	0.927398	-1.07829	0.489947	0.905786	-1.10401	0.00662504	0.608182	-1.64424	0.87111	0.977349
cg09966204	0.17411	2.87238	2.87238	0.111652	3.54096	3.54096	0.244723	2.4304	2.4304	0.0131811	9.41876	9.41876	0.0381004	5.7794
cg13364107	0.169596	1.23211	1.23211	0.119954	0.78611	-1.27209	0.12246	0.78759	-1.2697	0.339843	0.869066	-1.15066	0.0959681	0.770418
cg15193249	0.219144	0.544222	-1.83749	0.984847	0.991099	-1.00898	0.351638	1.57031	1.57031	0.0881076	2.42548	2.42548	0.61542	1.26929
cg14476213	0.904146	1.0351	1.0351	0.680744	1.12577	1.12577	0.107642	1.65327	1.65327	0.0138582	2.38871	2.38871	0.524097	0.83122
cg11342789	0.409293	1.29712	1.29712	0.171703	0.638567	-1.56601	0.314379	1.37813	1.37813	0.182081	0.646231	-1.54743	0.468992	1.25497
cg26297866	0.220149	0.709525	-1.40939	0.155557	0.667318	-1.49854	0.697096	1.10973	1.10973	0.838582	0.947154	-1.05579	0.0462095	1.83668
cg11842791	0.0973694	16.9437	16.9437	0.395543	3.81514	3.81514	0.447328	0.303938	-3.29014	0.18895	8.61051	8.61051	0.0367344	45.1465
cg19530972	0.501251	0.859857	-1.16298	0.199774	0.741088	-1.34937	0.662882	0.907531	-1.10189	0.020716	1.85163	1.85163	0.0454098	1.66133
cg15650274	0.346815	1.79347	1.79347	0.162382	0.40681	-2.45815	0.0880081	3.11197	3.11197	0.244056	2.08527	2.08527	0.0530682	3.76374
cg16416584	0.244052	0.795334	-1.25733	0.0418829	0.643644	-1.55365	0.707122	0.931538	-1.07349	0.0681745	1.46775	1.46775	0.434554	1.16161
cg11794625	0.18603	1.28448	1.28448	0.753626	0.945331	-1.05783	0.172281	0.77151	-1.29616	0.197584	1.27531	1.27531	0.270338	1.22744
cg12673453	0.419193	0.743818	-1.34441	0.324423	1.44035	1.44035	0.096917	0.520311	-1.92193	0.470696	1.30098	1.30098	0.0428117	2.30703
cg08110559	0.545853	1.18121	1.18121	0.238455	1.3999	1.3999	0.274733	1.3629	1.3629	0.160724	0.664839	-1.50412	0.266296	0.729373
cg07350016	0.712212	0.83748	-1.19406	0.151317	0.479029	-2.08756	0.494216	0.717272	-1.39417	0.92233	0.954392	-1.04779	0.0293673	0.292781
cg24658321	0.169429	0.801281	-1.248	0.0884777	0.752429	-1.32903	0.785853	0.959619	-1.04208	0.541306	1.09811	1.09811	0.872548	1.0246
cg09832267	0.00959816	2.65662	2.65662	0.191942	0.662595	-1.50922	0.336775	1.34327	1.34327	0.508022	0.818651	-1.22152	0.449364	0.794769
cg19253827	0.773714	0.887874	-1.12629	0.106529	0.483341	-2.06893	0.216066	0.584461	-1.71098	0.00331721	0.192107	-5.20543	0.630313	0.818687

Probeset ID	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25039722	1.31487	0.0864559	1.30765	1.30765	2.31709	0.736125	0.282394	1
cg02331198	1.6231	0.417923	1.4269	1.4269	2.31708	6.76889	2.59671	1
cg24750920	1.37675	0.0699728	1.30007	1.30007	2.31706	0.615602	0.236162	1
cg02593043	1.46853	0.759447	0.946335	-1.05671	2.31706	1.18363	0.454073	1
cg01350996	1.42808	0.240238	0.628505	-1.59108	2.31704	5.23479	2.00823	1
cg23731668	1.10819	0.216519	0.492199	-2.0317	2.31704	10.9036	4.18298	1
cg16431233	1.02375	0.947054	1.00978	1.00978	2.31703	0.788775	0.3026	1
cg15162101	-1.37756	0.745874	0.90372	-1.10654	2.33879	3.19109	1.36442	1
cg05786698	1.82565	0.74651	1.12457	1.12457	2.31701	4.80828	1.84462	1
cg02014475	-1.18474	0.279467	0.47755	-2.09402	2.31701	15.8556	6.08279	1
cg08633850	1.09306	0.0240137	2.32935	2.32935	2.33877	3.24828	1.38888	1
cg22442732	2.35195	0.799004	1.07008	1.07008	2.317	2.58575	0.99199	1
cg06231385	1.15911	0.792517	1.07872	1.07872	2.31699	3.03208	1.16323	1
cg03187795	-1.86164	0.0905132	0.25997	-3.84659	2.31698	19.1456	7.34501	1
cg04548722	-1.21029	0.707188	1.06165	1.06165	2.31698	0.922385	0.353864	1
cg22807608	1.29011	0.623438	0.854387	-1.17043	2.31698	3.711	1.42369	1
cg13357496	1.04053	0.0297344	1.39769	1.39769	2.31696	0.628528	0.241131	1
cg01337931	-2.33497	0.0242883	0.31845	-3.14021	2.31695	6.66491	2.55696	1
cg03301671	-1.76091	0.399882	0.630279	-1.5866	2.31695	10.5279	4.039	1
cg10973726	1.49306	0.733991	1.08358	1.08358	2.31691	2.03206	0.779608	1
cg06497903	1.22969	0.0701292	0.544744	-1.83573	2.3169	3.30278	1.26712	1
cg09881510	-1.19152	0.695344	0.946965	-1.05601	2.3169	0.703487	0.269896	1
cg05070299	1.14422	0.728373	0.93404	-1.07062	2.31687	1.40557	0.53926	1
cg17778120	1.00219	0.013853	0.525697	-1.90224	2.31687	1.64049	0.629389	1
cg06477797	1.0576	0.0778026	0.528085	-1.89363	2.31684	3.89436	1.49413	1
cg01852186	-2.57191	0.0879576	0.309487	-3.23115	2.31684	14.2339	5.46106	1
cg16941177	-1.28143	0.874699	1.03434	1.03434	2.31683	1.67942	0.644336	1
cg14770633	-1.04115	0.996351	0.999258	-1.00074	2.31681	0.967543	0.371216	1
cg11407681	-1.2727	0.0907966	0.695115	-1.43861	2.31681	1.39807	0.536397	1
cg26566407	-3.26665	0.231574	0.475864	-2.10144	2.31681	12.8527	4.93118	1
cg09659661	1.58473	0.241685	1.27317	1.27317	2.31678	1.42504	0.546753	1
cg22254681	1.76687	0.0186345	1.7766	1.7766	2.31677	1.48981	0.571604	1
cg16023122	-1.4155	0.570589	0.796796	-1.25503	2.31677	5.76264	2.21099	1
cg14584616	-1.07992	0.575203	0.764496	-1.30805	2.3167	8.25343	3.16675	1
cg11657817	-2.49746	0.700809	0.820273	-1.21911	2.31669	9.66221	3.70728	1
cg14008134	-3.58996	0.344366	0.665425	-1.5028	2.33843	5.7577	2.46221	1
cg10111450	-1.45387	0.438777	1.2542	1.2542	2.31662	3.01802	1.15802	1
cg17370395	1.12283	0.983474	0.997775	-1.00223	2.31658	0.424426	0.162855	1
cg05504665	2.77276	0.113434	2.15758	2.15758	2.31658	7.31217	2.80574	1
cg14233374	1.33473	0.103793	0.518111	-1.93009	2.31658	5.01362	1.92376	1
cg20638127	-1.13261	0.212204	0.766681	-1.30432	2.31657	1.49985	0.575507	1
cg17181158	18.1276	0.0395423	18.9899	18.9899	2.31653	56.0965	21.5251	1
cg12555334	-2.05613	0.727103	0.890306	-1.12321	2.31652	4.03505	1.54832	1
cg26308818	-1.1879	0.901055	0.959427	-1.04229	2.31651	4.06826	1.56106	1
cg14992217	1.16675	0.175723	0.498942	-2.00424	2.31651	8.55542	3.28288	1
cg08944935	1.60018	0.219257	1.53041	1.53041	2.31647	3.98017	1.52729	1
cg08198713	1.18442	0.0865531	1.34752	1.34752	2.31646	0.910632	0.349434	1
cg17928268	-3.61093	0.139901	0.287977	-3.47249	2.31644	22.5365	8.64794	1
cg07291563	1.003	0.114221	1.35601	1.35601	2.31643	1.15269	0.442325	1
cg00922522	-1.33108	0.0690937	0.301099	-3.32117	2.31642	12.7764	4.90272	1
cg13930557	-1.07431	0.329782	0.787257	-1.27023	2.31641	2.0753	0.796368	1
cg01012330	-1.53012	0.565394	0.820363	-1.21897	2.31639	4.25953	1.63454	1
cg27368379	2.24598	0.724547	1.10548	1.10548	2.31639	2.94728	1.13099	1
cg16508913	-1.17032	0.719619	1.1189	1.1189	2.31637	3.56382	1.36759	1
cg05809481	-1.70539	0.0575225	0.24289	-4.11708	2.31634	15.9229	6.11037	1
cg21274274	1.30226	0.786487	1.17216	1.17216	2.31633	12.5571	4.81878	1
cg23395310	-2.13947	0.794261	0.936624	-1.06766	2.31633	2.30245	0.883563	1
cg07588216	1.2556	0.228598	0.752699	-1.32855	2.31628	1.85431	0.711603	1
cg19575909	-1.26827	0.698415	0.840223	-1.19016	2.31627	7.33389	2.81444	1
cg03984537	1.01937	0.630618	0.870183	-1.14918	2.31624	3.02163	1.15959	1
cg16273664	2.33207	0.701437	1.24572	1.24572	2.31621	11.9343	4.57999	1
cg09173265	1.61526	0.604533	1.2311	1.2311	2.31617	5.80899	2.22935	1
cg00661673	1.24585	0.998861	1.00026	1.00026	2.31615	1.22016	0.468269	1
cg24535312	1.03274	0.272818	1.14406	1.14406	2.31614	0.510082	0.195759	1
cg20811317	-1.37265	0.652439	1.20051	1.20051	2.31614	5.96046	2.28751	1
cg06581825	1.50051	0.377186	0.462545	-2.16195	2.31613	26.5563	10.1918	1
cg23558002	7.47986	0.200093	3.11981	3.11981	2.31612	25.9195	9.94748	1
cg04998160	1.73144	0.89706	0.968715	-1.03229	2.31611	2.21188	0.848887	1
cg10158369	1.63812	0.122198	0.333648	-2.99717	2.31611	15.7507	6.04489	1
cg24780086	1.02895	0.0694398	0.719643	-1.38958	2.31607	0.962656	0.369459	1
cg01186212	1.82115	0.813293	1.17727	1.17727	2.31607	17.4536	6.69854	1
cg20287119	1.07887	0.321281	0.82079	-1.21834	2.31607	1.36246	0.5229	1
cg22838674	1.01655	0.996387	0.998974	-1.00103	2.31605	1.88555	0.723667	1
cg00931375	1.09022	0.0655109	0.467266	-2.14011	2.44768	4.95853	1.57563	1
cg12565681	57.5799	0.0853862	19.8544	19.8544	2.31601	90.5808	34.7651	1
cg09736959	-1.4206	0.290919	0.586085	-1.70624	2.31601	8.71764	3.34585	1
cg04199943	1.67127	0.028496	5.01658	5.01658	2.33775	12.8108	5.47999	1
cg21314302	-1.18808	0.766063	0.940592	-1.06316	2.31599	1.5455	0.593169	1
cg05357152	2.30397	0.24584	2.16378	2.16378	2.31599	14.8336	5.69321	1
cg16512163	1.50944	0.268566	1.3283	1.3283	2.31599	2.22643	0.854515	1
cg04922063	1.71256	0.579946	1.23322	1.23322	2.31598	5.1575	1.97948	1
cg13151664	1.08257	0.37373	0.58737	-1.70251	2.31594	12.4561	4.78082	1
cg00975605	-1.15707	0.240756	0.833679	-1.1995	2.31594	0.804694	0.308852	1
cg01157169	-1.00422	0.350409	1.23806	1.23806	2.31593	1.81057	0.694925	1
cg14612428	20.0706	0.544884	1.77687	1.77687	2.3159	32.2801	12.3898	1
cg19685066	-2.76006	0.253883	0.366111	-2.73141	2.3159	26.0859	10.0123	1
cg22033586	-1.64463	0.460012	1.15418	1.15418	2.31588	1.33276	0.511544	1
cg13694281	-2.34958	0.140943	0.343103	-2.91458	2.31587	16.7377	6.42435	1
cg24195524	-2.75607	0.123104	0.171076	-5.84535	2.31585	40.9796	15.7291	1
cg27326518	-1.2227	0.161516	1.20566	1.20566	2.31584	0.57396	0.220303	1
cg02388150	-2.19426	0.418735	0.570586	-1.75258	2.31583	16.9137	6.49201	1
cg23686365	-1.10344	0.0550965	0.749256	-1.33466	2.31583	0.646225	0.248042	1
cg24034453	1.18164	0.764077	1.06065	1.06065	2.31581	1.40356	0.538733	1
cg25652754	-1.41317	0.283372	0.708587	-1.41126	2.31581	3.50351	1.34477	1
cg23174322	3.07525	0.0822253	3.79719	3.79719	2.31576	17.6141	6.76103	1
cg17561452	-1.46666	0.487601	0.824862	-1.21232	2.31574	2.73383	1.04937	1
cg12915947	-1.15123	0.567946	0.887803	-1.12638	2.31574	1.55897	0.598406	1
cg03698393	1.12241	0.679859	0.90865	-1.10053	2.31573	1.95475	0.750327	1
cg09660365	-1.98525	0.88903	0.957173	-1.04474	2.31573	3.60511	1.38382	1
cg02765045	-1.02776	0.758788	1.03477	1.03477	2.31573	0.451565	0.173333	1
cg22869239	1.10849	0.191251	1.11585	1.11585	2.31572	0.230167	0.0883492	1
cg27201332	1.09782	0.0683186	0.606443	-1.64896	2.31572	2.20231	0.845354	1
cg19136868	1.31878	0.214265	0.85045	-1.17585	2.31571	0.562925	0.21608	1
cg13559144	-1.21033	0.544693	1.33628	1.33628	2.31569	8.20006	3.14763	1
cg04135372	1.19043	0.277727	1.22692	1.22692	2.31569	1.20388	0.462114	1
cg26033531	-1.25794	0.335813	1.12502	1.12502	2.31568	0.516727	0.198348	1
cg02257320	1.25428	0.794262	0.933939	-1.07073	2.31567	2.50813	0.962766	1
cg00183546	-1.64483	0.0197602	0.395607	-2.52776	2.31563	3.98001	1.52779	1
cg04290162	2.10412	0.491406	1.18313	1.18313	2.31561	2.12338	0.815098	1
cg24103438	1.08141	0.495661	0.88353	-1.13182	2.31559	1.17498	0.451039	1
cg06112967	-1.23384	0.968823	1.00681	1.00681	2.31559	1.10671	0.424836	1
cg07912402	-1.05255	0.211842	1.29993	1.29993	2.31557	1.45884	0.560013	1
cg15703365	1.40572	0.428628	1.18424	1.18424	2.31556	1.60604	0.616521	1
cg10319512	1.27889	0.116523	1.35141	1.35141	2.31555	1.14347	0.438953	1
cg25599902	-2.14977	0.149938	0.253596	-3.94328	2.31554	28.9764	11.1235	1
cg14626903	-2.56795	0.485379	0.797018	-1.25468	2.31551	3.75581	1.4418	1
cg13625205	-1.02318	0.659831	1.06449	1.06449	2.3155	0.730097	0.280274	1
cg09966204	5.7794	0.0739959	4.2766	4.2766	2.3155	19.5306	7.49755	1
cg13364107	-1.298	0.807201	1.0355	1.0355	2.31548	0.746334	0.28651	1
cg15193249	1.26929	0.167371	0.500126	-1.9995	2.31547	8.128	3.12026	1
cg14476213	-1.20305	0.746574	0.911333	-1.09729	2.31547	3.00682	1.1543	1
cg11342789	1.25497	0.053301	0.508263	-1.96749	2.31546	3.48485	1.33781	1
cg26297866	1.83668	0.586625	1.15736	1.15736	2.31546	2.59828	0.997463	1
cg11842791	45.1465	0.0511424	32.324	32.324	2.44704	89.1922	28.3492	1
cg19530972	1.66133	0.142499	1.41723	1.41723	2.31545	1.79429	0.688819	1
cg15650274	3.76374	0.0331033	4.4919	4.4919	2.31542	13.3333	5.11865	1
cg16416584	1.16161	0.244773	0.795637	-1.25685	2.31541	1.29455	0.49698	1
cg11794625	1.22744	0.173635	1.29497	1.29497	2.31541	1.16916	0.448842	1
cg12673453	2.30703	0.38042	1.38072	1.38072	2.3154	4.71458	1.80994	1
cg08110559	-1.37104	0.202222	0.692922	-1.44316	2.31538	2.72201	1.04499	1
cg07350016	-3.41552	0.533419	0.739384	-1.35248	2.31536	8.40226	3.2257	1
cg24658321	1.0246	0.691872	0.941492	-1.06214	2.31536	0.840017	0.32249	1
cg09832267	-1.25823	0.94742	0.98054	-1.01985	2.31535	3.25591	1.24998	1
cg19253827	-1.22147	0.907105	0.952984	-1.04934	2.31532	6.24055	2.39585	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01382474	RASA2	0.125605	0.0437471	0.564245	-1.77228	0.346255	1.27056	1.27056	0.390855	1.24241	1.24241	0.710898	0.912184	-1.09627	0.496642	0.843333	-1.18577	0.0302058	0.533033	-1.87606	0.236813	0.73639	-1.35798	0.0459158	0.568446	-1.75918	0.835242	0.949884	-1.05276	2.31531	2.23494	0.858034	1
cg21952484	KIDINS220	0.125613	0.901996	0.984491	-1.01575	0.0105881	1.50367	1.50367	0.0743744	1.28691	1.28691	0.676358	1.05471	1.05471	0.0490347	1.32993	1.32993	0.998128	1.0003	1.0003	0.510653	0.918824	-1.08835	0.7401	0.958641	-1.04314	0.939252	0.990376	-1.00972	2.31524	0.590315	0.226639	1
cg03445006	SF1;SF1;SF1	0.125617	0.203625	3.37189	3.37189	0.00836153	21.1653	21.1653	0.0199886	12.7223	12.7223	0.209534	3.31368	3.31368	0.740446	1.35139	1.35139	0.730943	1.36709	1.36709	0.634556	1.54304	1.54304	0.25838	2.91033	2.91033	0.946553	1.06261	1.06261	2.31521	30.088	11.5518	1
cg19287139	CAMK2G;CAMK2G;CAMK2G;CAMK2G;CAMK2G	0.12562	0.479729	0.948249	-1.05458	0.0586909	0.853895	-1.1711	0.126665	1.12998	1.12998	0.180103	0.900067	-1.11103	0.748022	1.02413	1.02413	0.341824	1.07513	1.07513	0.103565	0.876632	-1.14073	0.158385	0.89447	-1.11798	0.0845679	0.868403	-1.15154	2.31519	0.200584	0.0770118	1
cg03296935	OSTalpha	0.125621	0.313374	0.645703	-1.5487	0.0436192	2.64626	2.64626	0.499071	1.33355	1.33355	0.67447	1.19388	1.19388	0.0118151	0.267465	-3.73881	0.898371	1.05506	1.05506	0.47616	0.73792	-1.35516	0.650116	0.825669	-1.21114	0.722913	0.861273	-1.16107	2.31518	6.45237	2.47732	1
cg24556382	GALNT7	0.125623	0.0784828	0.332979	-3.00319	0.0429439	0.269631	-3.70877	0.0398869	0.26276	-3.80575	0.523002	0.694735	-1.4394	0.353666	0.58454	-1.71075	0.205705	0.471835	-2.11939	0.273886	0.526966	-1.89765	0.123421	2.55723	2.55723	0.926779	1.05308	1.05308	2.31516	11.6077	4.45669	1
cg22914934	C11orf30	0.125623	0.117431	0.65424	-1.52849	0.628292	0.885396	-1.12944	0.504836	1.18394	1.18394	0.865926	1.04306	1.04306	0.882352	1.03764	1.03764	0.896747	0.968125	-1.03292	0.00406512	0.382002	-2.61779	0.977412	0.992961	-1.00709	0.590781	1.14503	1.14503	2.31516	2.28259	0.876386	1
cg02098156	KIAA0226;KIAA0226	0.125627	0.422258	0.856212	-1.16793	0.29823	0.815303	-1.22654	0.646599	1.09136	1.09136	0.478208	0.87237	-1.1463	0.6302	1.09622	1.09622	0.0233857	1.67024	1.67024	0.0327106	1.60513	1.60513	0.426622	0.857513	-1.16616	0.393791	0.847541	-1.17988	2.31512	1.31491	0.504858	1
cg09465142	NFATC2;NFATC2;NFATC2	0.125627	0.301385	0.603221	-1.65777	0.00911899	0.20935	-4.77669	0.21927	0.543422	-1.84019	0.2008	0.52843	-1.8924	0.193597	0.522377	-1.91432	0.156062	0.488529	-2.04696	0.037009	0.318755	-3.1372	0.0779502	0.39667	-2.52099	0.244462	0.562818	-1.77677	2.31512	8.17102	3.13725	1
cg01054938	ABCC3;ABCC3	0.125627	0.175493	1.21482	1.21482	0.799312	1.03501	1.03501	0.427913	0.896438	-1.11553	0.465643	0.904574	-1.10549	0.408363	1.12101	1.12101	0.926123	1.01261	1.01261	0.0173734	1.47883	1.47883	0.0478035	0.736631	-1.35753	0.713737	0.951451	-1.05103	2.31512	0.668985	0.256856	1
cg21247666	KRAS;KRAS	0.125628	0.226326	0.498663	-2.00536	0.0642345	0.320162	-3.12342	0.625038	0.763547	-1.30968	0.521913	1.42692	1.42692	0.134015	0.412666	-2.42327	0.204801	0.480551	-2.08094	0.588211	0.741254	-1.34907	0.0243838	4.34612	4.34612	0.621342	0.761312	-1.31352	2.31511	10.9998	4.22338	1
cg20725936	FAF2	0.125629	0.121152	1.23093	1.23093	0.322681	1.13462	1.13462	0.101518	1.24813	1.24813	0.0212585	0.71013	-1.40819	0.664813	1.05537	1.05537	0.660596	0.946839	-1.05615	0.145823	1.21294	1.21294	0.41245	1.10915	1.10915	0.721585	0.956729	-1.04523	2.31511	0.560409	0.215169	1
cg16216570	MAPK8IP1	0.125631	0.129234	1.77124	1.77124	0.053825	2.14572	2.14572	0.674826	1.15852	1.15852	0.540416	1.24126	1.24126	0.0363955	0.428167	-2.33554	0.869286	1.05912	1.05912	0.0552446	2.13365	2.13365	0.388003	1.36144	1.36144	0.665621	1.16373	1.16373	2.31509	4.45907	1.71208	1
cg15920017	UBE2J1	0.125631	0.450774	0.878924	-1.13775	0.208158	0.80021	-1.24967	0.504333	1.12053	1.12053	0.404807	1.15392	1.15392	0.360763	1.17093	1.17093	0.129966	1.31617	1.31617	0.0304031	0.65223	-1.5332	0.220873	1.24129	1.24129	0.12785	1.3185	1.3185	2.31509	1.03432	0.397132	1
cg25872744	CCDC83;CCDC83	0.125633	0.162902	0.757166	-1.32071	0.564681	1.11486	1.11486	0.0295995	0.619826	-1.61336	0.951802	0.988775	-1.01135	0.115775	0.726682	-1.37612	0.612969	1.09995	1.09995	0.992749	1.0017	1.0017	0.343532	1.19989	1.19989	0.0599064	1.48653	1.48653	2.31507	1.27882	0.491011	1
cg25963123	CEP164	0.125634	0.0467084	1.79435	1.79435	0.250313	1.36124	1.36124	0.147303	1.49063	1.49063	0.964062	0.9885	-1.01163	0.042145	0.548246	-1.824	0.202256	0.707774	-1.41288	0.52308	0.846916	-1.18075	0.43045	1.22949	1.22949	0.503975	1.19016	1.19016	2.31506	2.41644	0.927815	1
cg24924502	AATK	0.125638	0.488569	0.688958	-1.45147	0.561014	1.36515	1.36515	0.65173	1.27201	1.27201	0.802487	1.14192	1.14192	0.209761	0.496607	-2.01366	0.33574	0.591188	-1.69151	0.0128305	0.19466	-5.13715	0.0305255	0.260272	-3.84213	0.574333	1.35055	1.35055	2.31503	10.2807	3.94743	1
cg21899921	RFC2;RFC2	0.125642	0.0686776	1.21034	1.21034	0.670211	1.04095	1.04095	0.0672906	0.825229	-1.21179	0.50733	0.938928	-1.06504	0.28075	1.11075	1.11075	0.868503	0.984597	-1.01564	0.238569	0.890793	-1.12259	0.290371	1.10827	1.10827	0.049054	1.2343	1.2343	2.315	0.32179	0.123558	1
cg26631853	LRP2BP	0.125642	0.766665	1.08913	1.08913	0.753758	0.913669	-1.09449	0.500648	1.21669	1.21669	0.233599	1.4309	1.4309	0.859747	0.950521	-1.05205	0.151646	1.55387	1.55387	0.00328351	3.15637	3.15637	0.347234	1.32009	1.32009	0.519864	1.20584	1.20584	2.315	3.01822	1.1589	1
cg16883475	LOC283050;LOC283050;LOC283050	0.125643	0.413001	0.911536	-1.09705	0.315228	0.891429	-1.12179	0.648679	1.05207	1.05207	0.511724	0.928995	-1.07643	0.609621	0.9446	-1.05865	0.0508348	1.27918	1.27918	0.0212724	1.3585	1.3585	0.302401	0.888487	-1.12551	0.237965	1.1466	1.1466	2.31499	0.449067	0.172428	1
cg13806793	MEAF6	0.125643	0.959354	0.990759	-1.00933	0.686327	1.07676	1.07676	0.456956	1.14797	1.14797	0.0187914	1.6796	1.6796	0.178224	1.29766	1.29766	0.22862	1.2588	1.2588	0.033587	0.636246	-1.57172	0.643743	1.08853	1.08853	0.698351	1.07351	1.07351	2.31499	1.21652	0.467108	1
cg19092096	ALX3	0.125649	0.0454831	8.13204	8.13204	0.935705	1.0765	1.0765	0.248058	3.01408	3.01408	0.149163	4.10958	4.10958	0.0282192	10.6688	10.6688	0.352873	0.417519	-2.3951	0.726029	1.3791	1.3791	0.0372789	9.10421	9.10421	0.300875	2.66292	2.66292	2.31494	30.606	11.7521	1
cg10609615	TRAP1	0.125651	0.0521692	0.592192	-1.68864	0.0267071	1.86412	1.86412	0.765957	1.07338	1.07338	0.940916	0.98257	-1.01774	0.972693	1.00815	1.00815	0.895881	1.03155	1.03155	0.31095	1.28233	1.28233	0.073961	1.60386	1.60386	0.159977	1.4278	1.4278	2.31492	2.063	0.792153	1
cg16078060	OOEP	0.125652	0.740994	1.09115	1.09115	0.166556	0.678476	-1.47389	0.71355	1.10182	1.10182	0.188145	1.44305	1.44305	0.115519	1.56825	1.56825	0.0546993	0.563758	-1.77381	0.0726363	1.69337	1.69337	0.151472	1.49809	1.49809	0.837169	1.05561	1.05561	2.31492	2.53577	0.973692	1
cg13891702	PAX6;PAX6;PAX6	0.125652	0.307246	1.64802	1.64802	0.0099472	4.65899	4.65899	0.0811101	2.49444	2.49444	0.884976	1.07081	1.07081	0.247292	1.7714	1.7714	0.159036	2.03692	2.03692	0.527474	0.738895	-1.35337	0.0986172	2.35383	2.35383	0.698931	0.832188	-1.20165	2.31491	8.19076	3.14512	1
cg15129097	SFMBT2	0.125653	0.71895	1.11629	1.11629	0.886779	0.957557	-1.04432	0.0165636	0.410234	-2.43764	0.664153	1.14224	1.14224	0.114111	0.592605	-1.68746	0.0561206	0.517589	-1.93204	0.916487	0.968574	-1.03245	0.174485	1.55227	1.55227	0.389886	0.764736	-1.30764	2.31491	3.39769	1.30466	1
cg14839087	NAT8B	0.125658	0.616625	0.828254	-1.20736	0.261228	1.54869	1.54869	0.0545277	0.442951	-2.25759	0.0663445	0.463584	-2.15711	0.935084	1.03088	1.03088	0.380143	1.39946	1.39946	0.26568	1.54189	1.54189	0.939372	1.0288	1.0288	0.0406179	0.413717	-2.41711	2.31487	5.10953	1.96202	1
cg19484381	TRIM27	0.12566	0.813413	0.965162	-1.0361	0.538794	1.09782	1.09782	0.956874	1.00814	1.00814	0.660605	1.06851	1.06851	0.207853	0.819417	-1.22038	0.26964	1.18815	1.18815	0.00461703	0.56821	-1.75991	0.490629	0.90032	-1.11072	0.954258	0.991434	-1.00864	2.31485	0.824572	0.31663	1
cg04101203	PRMT3;PRMT3;PRMT3	0.12566	0.570827	1.12186	1.12186	0.2503	0.785724	-1.27271	0.158344	1.35353	1.35353	0.025836	1.70096	1.70096	0.0853642	1.46487	1.46487	0.143459	0.729368	-1.37105	0.359069	1.2084	1.2084	0.244782	1.27665	1.27665	0.403881	1.18703	1.18703	2.31485	1.47728	0.567266	1
cg20510869	SYT16	0.125661	0.166408	0.716963	-1.39477	0.416491	1.20594	1.20594	0.143631	1.42522	1.42522	0.029997	0.562337	-1.77829	0.121561	0.684899	-1.46007	0.605964	1.1245	1.1245	0.975223	1.00703	1.00703	0.261573	1.30213	1.30213	0.206696	0.740593	-1.35027	2.31484	1.86417	0.715835	1
cg13830163	SET;SET	0.125661	0.710333	1.3222	1.3222	0.0183795	8.5145	8.5145	0.446377	1.78796	1.78796	0.350558	0.487079	-2.05306	0.366712	0.499458	-2.00217	0.219723	0.380549	-2.62778	0.352925	2.04541	2.04541	0.100531	0.260065	-3.84519	0.299666	0.447227	-2.236	2.31484	20.5482	7.89043	1
cg17633020	PDE4D;PDE4D;PDE4D	0.125661	0.605063	0.922507	-1.084	0.459251	0.890018	-1.12357	0.0226729	0.65584	-1.52476	0.418538	0.88002	-1.13634	0.996193	0.999263	-1.00074	0.0552247	1.39939	1.39939	0.603587	1.08437	1.08437	0.0906072	1.33413	1.33413	0.67767	1.06676	1.06676	2.31484	0.876469	0.336561	1
cg20355735	SDK1	0.125664	0.504551	0.843689	-1.18527	0.226888	0.727282	-1.37498	0.0168009	0.480765	-2.08002	0.21696	0.721759	-1.3855	0.226772	0.727218	-1.3751	0.581661	0.869645	-1.14989	0.0889599	1.60137	1.60137	0.953805	1.01465	1.01465	0.281239	1.32458	1.32458	2.31481	2.30964	0.886902	1
cg07733257	IRX4	0.125665	0.897446	1.02496	1.02496	0.151262	1.3418	1.3418	0.127767	0.729921	-1.37001	0.267584	1.24708	1.24708	0.278264	0.806096	-1.24055	0.671619	0.921709	-1.08494	0.111397	1.3931	1.3931	0.0535752	1.52063	1.52063	0.167759	0.754954	-1.32458	2.31481	1.3401	0.514602	1
cg13778274	PRRX2	0.125665	0.560457	0.762602	-1.3113	0.392241	1.49711	1.49711	0.317381	1.60937	1.60937	0.283431	0.598647	-1.67043	0.0374027	0.32889	-3.04053	0.43326	1.44507	1.44507	0.82298	0.901984	-1.10867	0.0263581	0.297438	-3.36205	0.130847	0.471862	-2.11926	2.3148	7.77086	2.98403	1
cg10280756	SMTNL1	0.125666	0.546432	0.914751	-1.09319	0.431127	1.12446	1.12446	0.316884	1.16306	1.16306	0.690052	1.06026	1.06026	0.0821934	0.754947	-1.3246	0.728862	1.05211	1.05211	0.0161648	1.53658	1.53658	0.148561	0.797554	-1.25383	0.483787	0.901328	-1.10947	2.3148	0.781327	0.300032	1
cg09291654	AVPI1	0.125667	0.462899	0.889009	-1.12485	0.528894	1.10566	1.10566	0.257442	1.20451	1.20451	0.0523356	0.706495	-1.41544	0.136741	0.776939	-1.2871	0.73444	1.05507	1.05507	0.139673	1.28434	1.28434	0.693374	0.939515	-1.06438	0.0486009	1.42572	1.42572	2.31479	0.908802	0.348984	1
cg17031493	C1orf27;TPR;C1orf27;MIR548F1;C1orf27	0.125668	0.108753	0.436321	-2.29189	0.212748	1.86304	1.86304	0.411778	0.671729	-1.48869	0.603675	1.28186	1.28186	0.654165	0.807514	-1.23837	0.437443	1.45581	1.45581	0.0128251	0.230982	-4.32935	0.888618	1.0687	1.0687	0.217116	1.85095	1.85095	2.31478	8.24123	3.16468	1
cg05613803	KIAA0652;KIAA0652;KIAA0652;KIAA0652;KIAA0652;HARBI1;KIAA0652;KIAA0652	0.125669	0.300514	0.842948	-1.18631	0.0567442	1.40977	1.40977	0.383424	1.15296	1.15296	0.995561	1.00089	1.00089	0.494894	1.1167	1.1167	0.0128823	0.611553	-1.63518	0.568269	1.09619	1.09619	0.427392	1.13774	1.13774	0.838206	0.967965	-1.0331	2.31477	0.929756	0.357033	1
cg11236550	DUSP27	0.12567	0.0935185	0.301895	-3.31241	0.391456	1.76845	1.76845	0.48816	1.57979	1.57979	0.326217	0.517807	-1.93122	0.0588369	0.250176	-3.99718	0.769026	0.825973	-1.21069	0.0299337	0.19044	-5.25101	0.106133	0.31796	-3.14505	0.117477	0.331552	-3.01612	2.31477	15.4557	5.93513	1
cg12711974	PPM1L	0.12567	0.9917	0.998398	-1.0016	0.150419	1.26812	1.26812	0.0939019	1.32824	1.32824	0.203848	0.813295	-1.22957	0.216083	0.81823	-1.22215	0.836455	0.968649	-1.03237	0.0206922	0.650962	-1.53619	0.324016	0.854738	-1.16995	0.564302	0.914108	-1.09396	2.31476	0.870586	0.334312	1
cg00913032	MYT1L;LOC730811	0.125672	0.0659896	0.275843	-3.62526	0.12293	0.352188	-2.83939	0.672684	1.30386	1.30386	0.254773	2.10112	2.10112	0.219238	0.446308	-2.24061	0.526877	0.670088	-1.49234	0.0548027	0.256651	-3.89635	0.0295405	0.201894	-4.9531	0.386465	0.574449	-1.7408	2.31475	14.2936	5.4889	1
cg18678353	PTPN5;PTPN5;PTPN5	0.125675	0.50392	0.912241	-1.0962	0.102687	0.785195	-1.27357	0.367361	0.882138	-1.13361	0.882402	1.02025	1.02025	0.96548	0.994156	-1.00588	0.341004	0.875566	-1.14212	0.427526	0.896095	-1.11595	0.00330425	0.581613	-1.71936	0.977234	1.00387	1.00387	2.31472	0.67239	0.258208	1
cg20208394	TADA2B	0.125675	0.841948	0.88531	-1.12955	0.294705	1.94079	1.94079	0.133293	2.68621	2.68621	0.55739	0.696242	-1.43628	0.104775	0.339008	-2.94978	0.378177	0.575973	-1.73619	0.0163207	0.166687	-5.99925	0.292912	1.94594	1.94594	0.948522	1.04018	1.04018	2.31472	13.6483	5.24114	1
ch.2.1056241F	LRPPRC	0.125675	0.0909766	1.79697	1.79697	0.122661	1.69308	1.69308	0.167792	0.629531	-1.58848	0.200826	1.53006	1.53006	0.110398	1.72919	1.72919	0.253591	0.687069	-1.45546	0.959283	1.0162	1.0162	0.0770132	1.857	1.857	0.171799	1.58076	1.58076	2.31472	3.63271	1.39502	1
cg17880199	MYH11;MYH11;MYH11;MYH11;MYH11;MYH11;MYH11;MYH11	0.125678	0.0802593	0.737327	-1.35625	0.698383	0.940683	-1.06306	0.319498	1.17533	1.17533	0.207127	0.811465	-1.23234	0.306608	0.846865	-1.18083	0.146365	0.782829	-1.27742	0.0338983	0.677791	-1.47538	0.111745	1.31258	1.31258	0.835822	1.03312	1.03312	2.31469	0.904036	0.347168	1
cg06611727	SEMA6D;SEMA6D;SEMA6D;SEMA6D;SEMA6D;SEMA6D	0.125682	0.760541	0.886357	-1.12821	0.209559	0.593381	-1.68526	0.254872	1.59864	1.59864	0.440899	0.733332	-1.36364	0.417006	1.38728	1.38728	0.0327305	0.373066	-2.68049	0.578373	1.24802	1.24802	0.0576878	2.33263	2.33263	0.185608	1.74006	1.74006	2.31466	5.70941	2.19256	1
cg25130590	ATP9B	0.125684	0.693805	1.04811	1.04811	0.294062	1.13797	1.13797	0.27246	1.14529	1.14529	0.584714	0.93656	-1.06774	0.346654	0.891284	-1.12198	0.00681796	0.659498	-1.5163	0.375133	1.11416	1.11416	0.617418	0.941945	-1.06163	0.376874	0.897905	-1.1137	2.31465	0.517043	0.198559	1
cg08210429	TERT;TERT	0.125684	0.177735	0.402687	-2.48332	0.0490777	0.240081	-4.16526	0.0657231	0.269411	-3.71181	0.930037	0.945758	-1.05735	0.0709564	0.277702	-3.60098	0.309307	0.512634	-1.95071	0.0203601	0.16936	-5.90456	0.0714995	0.278542	-3.59013	0.209145	0.431392	-2.31807	2.31465	14.7853	5.67797	1
cg09180512	CSNK1A1P	0.125686	0.83096	1.05202	1.05202	0.229304	0.741359	-1.34887	0.903498	0.971635	-1.02919	0.478872	0.843001	-1.18624	0.0224587	0.522747	-1.91297	0.872891	1.03871	1.03871	0.0201316	1.94453	1.94453	0.874049	0.963065	-1.03835	0.537766	0.862417	-1.15953	2.31463	2.06317	0.792321	1
cg15553522	TMEM132A;TMEM132A	0.125686	0.333132	0.863563	-1.15799	0.103116	1.2995	1.2995	0.416372	1.12981	1.12981	0.01762	0.654236	-1.5285	0.169305	0.806424	-1.24004	0.886706	1.02117	1.02117	0.184444	0.813144	-1.22979	0.184166	0.813025	-1.22997	0.755584	0.955156	-1.04695	2.31463	0.791433	0.303935	1
cg02861733	CRTC2	0.125686	0.843697	1.05958	1.05958	0.115345	1.65187	1.65187	0.110167	1.66606	1.66606	0.821419	0.935865	-1.06853	0.02403	0.454218	-2.20158	0.222518	0.686707	-1.45622	0.199079	1.4886	1.4886	0.953688	1.01717	1.01717	0.327194	1.34521	1.34521	2.31463	3.15112	1.21013	1
cg24582510	CTNNA3;CTNNA3	0.125687	0.0517645	0.532019	-1.87963	0.284014	0.728104	-1.37343	0.977861	1.00794	1.00794	0.166585	0.656729	-1.5227	0.0101944	0.397084	-2.51836	0.392328	0.778923	-1.28382	0.239865	1.4203	1.4203	0.562612	0.846296	-1.18162	0.957603	0.984958	-1.01527	2.31462	2.97965	1.14428	1
cg07986385	ATF6B;ATF6B	0.125691	0.93508	0.986924	-1.01325	0.31796	0.845682	-1.18248	0.858652	0.971607	-1.02922	0.533725	0.903006	-1.10741	0.110134	0.751934	-1.3299	0.4742	0.888795	-1.12512	0.00739118	0.559357	-1.78777	0.721396	1.05959	1.05959	0.165101	1.27331	1.27331	2.44608	0.989862	0.314746	1
cg23071997	SLC5A9;SLC5A9	0.125692	0.0267766	2.32575	2.32575	0.544168	1.21832	1.21832	0.602609	0.84453	-1.18409	0.444094	1.28529	1.28529	0.770509	1.09866	1.09866	0.471454	1.26571	1.26571	0.304479	1.40789	1.40789	0.658207	1.15398	1.15398	0.0189277	0.400803	-2.49499	2.31458	3.79328	1.45677	1
cg02912187	RAB3A;RAB3A	0.125692	0.162833	1.51625	1.51625	0.462645	0.811479	-1.23232	0.137681	0.639764	-1.56308	0.350792	1.30776	1.30776	0.924172	1.02696	1.02696	0.755287	1.09128	1.09128	0.00778638	0.384952	-2.59773	0.614802	0.867821	-1.15231	0.801442	0.932017	-1.07294	2.31458	2.86163	1.09898	1
cg19862389	LGR6	0.125692	0.248338	0.787213	-1.2703	0.282824	1.24764	1.24764	0.536694	0.88335	-1.13205	0.048193	0.639123	-1.56464	0.822942	1.04544	1.04544	0.306189	1.23373	1.23373	0.982249	0.995599	-1.00442	0.0154352	0.55476	-1.80258	0.559959	1.12396	1.12396	2.31458	1.44093	0.553372	1
cg05887079	CMIP;CMIP	0.125694	0.155539	0.525408	-1.90328	0.749156	1.14552	1.14552	0.973142	1.01436	1.01436	0.772467	0.884456	-1.13064	0.0172333	0.292622	-3.41738	0.0384016	0.362051	-2.76204	0.0722306	0.427557	-2.33887	0.663121	0.830587	-1.20397	0.0879108	0.450397	-2.22026	2.31456	6.57455	2.5249	1
cg11865119	MEST	0.125695	0.166938	4.77646	4.77646	0.0421797	11.9891	11.9891	0.121015	5.95533	5.95533	0.318509	2.98655	2.98655	0.141693	5.34875	5.34875	0.114657	6.17657	6.17657	0.0643402	9.07599	9.07599	0.0208263	19.1465	19.1465	0.0710748	8.498	8.498	2.31456	41.2839	15.8548	1
cg03243450	NDUFS6;MRPL36	0.125697	0.11319	5.60617	5.60617	0.152684	4.62603	4.62603	0.0324315	12.233	12.233	0.0901931	6.4708	6.4708	0.995926	1.00512	1.00512	0.164852	4.40039	4.40039	0.454423	2.1425	2.1425	0.0144416	20.378	20.378	0.94407	1.07268	1.07268	2.31454	36.656	14.0776	1
cg01133779	RFTN1	0.125698	0.11342	0.398135	-2.51171	0.13014	0.417264	-2.39657	0.592431	1.33495	1.33495	0.766336	0.852717	-1.17272	0.060662	0.322793	-3.09796	0.143431	0.431464	-2.31769	0.0355907	0.270397	-3.69826	0.0274959	0.248098	-4.03066	0.301049	0.563893	-1.77339	2.31453	10.4778	4.02397	1
cg16420340	TSPAN11	0.125702	0.0570288	0.510923	-1.95724	0.41594	0.771599	-1.29601	0.345418	1.35397	1.35397	0.71436	1.12147	1.12147	0.0168583	0.402816	-2.48252	0.837644	0.938019	-1.06608	0.0509295	0.499851	-2.0006	0.235876	0.678835	-1.47311	0.382799	0.756456	-1.32195	2.3145	3.56493	1.36912	1
cg16067029	SNORD116-9;SNORD116-3	0.125702	0.101889	0.371307	-2.69319	0.0301138	0.243853	-4.10083	0.406611	1.59958	1.59958	0.16773	0.443268	-2.25597	0.112447	0.384361	-2.60172	0.423223	0.635975	-1.57239	0.131626	0.406347	-2.46095	0.574909	1.36825	1.36825	0.0530065	0.296226	-3.3758	2.31449	11.2226	4.31009	1
cg02965892	EIF3B;EIF3B	0.125706	0.0137467	1.46484	1.46484	0.489563	0.915789	-1.09195	0.0415326	1.34251	1.34251	0.732811	1.04388	1.04388	0.274322	0.867144	-1.15321	0.388068	0.895059	-1.11724	0.560967	1.07646	1.07646	0.576756	0.931775	-1.07322	0.892982	1.01701	1.01701	2.31446	0.575706	0.221105	1
cg21376831	STAT5B	0.125707	0.624546	0.833463	-1.19981	0.526696	1.2673	1.2673	0.533786	1.26205	1.26205	0.526449	0.788963	-1.26749	0.195347	0.603027	-1.6583	0.968484	1.0147	1.0147	0.596784	0.821049	-1.21795	0.0201275	2.81594	2.81594	0.0267561	2.6358	2.6358	2.31446	4.99942	1.92008	1
cg07635888	NAA10	0.125708	0.116065	0.438918	-2.27833	0.0152005	0.237507	-4.21041	0.0734705	0.382064	-2.61736	0.423828	1.48264	1.48264	0.716638	0.838839	-1.19212	0.20048	0.521031	-1.91927	0.566442	1.32233	1.32233	0.437274	1.46527	1.46527	0.718819	1.19043	1.19043	2.31444	8.52034	3.27233	1
cg04396685	ITPRIPL2;ITPRIPL2	0.12571	0.0594418	0.562781	-1.77689	0.499413	0.830897	-1.20352	0.711713	1.1055	1.1055	0.25228	0.723889	-1.38143	0.240514	0.717475	-1.39378	0.458302	0.815421	-1.22636	0.0105373	0.419166	-2.38569	0.512932	0.835867	-1.19636	0.197783	1.44457	1.44457	2.31443	2.67597	1.02774	1
cg08393305	C11orf1;FDXACB1	0.125711	0.979493	1.00379	1.00379	0.0772661	1.33512	1.33512	0.433217	1.12488	1.12488	0.36688	1.14614	1.14614	0.606259	0.926351	-1.0795	0.131336	1.27086	1.27086	0.0646873	0.736883	-1.35707	0.936754	0.988391	-1.01175	0.0298203	1.45671	1.45671	2.31442	0.793633	0.304807	1
cg04492927	BTNL9	0.125712	0.0178976	0.621367	-1.60935	0.22091	0.80833	-1.23712	0.832072	1.03574	1.03574	0.329021	0.846559	-1.18125	0.0136127	0.603672	-1.65653	0.309737	0.840457	-1.18983	0.2003	0.799559	-1.25069	0.487655	0.889946	-1.12366	0.658846	1.07624	1.07624	2.31441	1.0022	0.384911	1
cg01681032	MYLK4	0.125715	0.487672	0.883896	-1.13135	0.0250578	0.627171	-1.59446	0.161515	0.769751	-1.29912	0.373617	1.17335	1.17335	0.689192	1.0729	1.0729	0.521059	1.12058	1.12058	0.0531722	1.46891	1.46891	0.245978	0.80866	-1.23661	0.521376	0.892471	-1.12048	2.31439	1.12296	0.431297	1
cg01244650	HIST1H2BJ	0.125715	0.281917	0.346689	-2.88443	0.00311862	0.0217187	-46.0432	0.701396	0.694213	-1.44048	0.740501	0.729893	-1.37006	0.627605	1.58898	1.58898	0.663543	0.660565	-1.51386	0.786573	0.773289	-1.29318	0.916923	0.905884	-1.10389	0.380942	2.3428	2.3428	2.31438	32.895	12.634	1
cg22051865	ARHGEF17	0.125718	0.465844	0.856496	-1.16755	0.410473	1.19206	1.19206	0.851069	0.961528	-1.04001	0.106315	1.44501	1.44501	0.114811	1.43037	1.43037	0.563223	1.12974	1.12974	0.00661609	2.08719	2.08719	0.798804	0.948083	-1.05476	0.263155	1.2757	1.2757	2.31436	1.59691	0.613335	1
cg21475476	LRRC28	0.125722	0.650268	0.749276	-1.33462	0.0202387	0.170229	-5.87446	0.950925	0.961825	-1.03969	0.418536	1.68666	1.68666	0.499817	1.54213	1.54213	0.0531132	0.249144	-4.01374	0.228531	2.2238	2.2238	0.198637	2.36093	2.36093	0.557721	0.687338	-1.45489	2.31433	14.6587	5.63011	1
cg12497870	MLL4	0.125722	0.830279	1.0292	1.0292	0.0223852	1.44331	1.44331	0.414787	0.894236	-1.11827	0.055452	1.3379	1.3379	0.821539	1.03076	1.03076	0.790415	1.03637	1.03637	0.629585	1.06734	1.06734	0.033888	1.39395	1.39395	0.100581	1.27278	1.27278	2.31432	0.659136	0.253162	1
cg25775770	C22orf24	0.125723	0.042087	0.168655	-5.92927	0.941897	1.05696	1.05696	0.220143	0.375396	-2.66385	0.245412	0.397193	-2.51767	0.0186043	0.11437	-8.74355	0.0993498	0.25338	-3.94665	0.141659	0.300903	-3.32333	0.0940621	0.24683	-4.05138	0.0755272	0.222333	-4.49776	2.31432	21.1699	8.13097	1
cg01315663	NUBP2;NUBP2;SPSB3	0.125724	0.931942	0.979924	-1.02049	0.358457	1.25133	1.25133	0.120535	1.49154	1.49154	0.0692449	0.617168	-1.6203	0.606664	1.13123	1.13123	0.417035	0.821248	-1.21766	0.135074	0.68216	-1.46593	0.033219	1.80584	1.80584	0.844477	0.954438	-1.04774	2.31431	2.06633	0.793643	1
cg23074601	PTPRN2;PTPRN2;PTPRN2	0.125724	0.242306	0.671744	-1.48866	0.852667	0.941343	-1.06231	0.421605	1.30594	1.30594	0.387771	0.749897	-1.33352	0.179508	0.629044	-1.58971	0.53365	0.81467	-1.22749	0.0118788	2.77603	2.77603	0.14945	1.65292	1.65292	0.834096	1.07057	1.07057	2.31431	3.87484	1.48826	1
cg04444415	ATP13A4	0.125727	0.215581	0.475791	-2.10176	0.018234	0.195302	-5.12028	0.111894	0.372848	-2.68206	0.95983	1.02912	1.02912	0.0965472	0.353544	-2.8285	0.0818136	0.333205	-3.00116	0.0482815	0.276348	-3.61863	0.0806764	0.331545	-3.01618	0.454393	0.647738	-1.54383	2.31429	11.9036	4.57203	1
cg24837680	ZNF501	0.125728	0.840114	0.893116	-1.11968	0.936589	0.956451	-1.04553	0.537223	1.41853	1.41853	0.797638	0.866077	-1.15463	0.671099	1.27001	1.27001	0.0362887	0.25611	-3.90458	0.0100256	0.162197	-6.16536	0.873256	1.09345	1.09345	0.116136	0.384608	-2.60005	2.31428	11.4775	4.4084	1
cg20707157	MEGF6	0.125728	0.326795	0.8513	-1.17467	0.841981	1.03225	1.03225	0.0907225	0.74351	-1.34497	0.956535	0.99137	-1.00871	0.0375923	0.681395	-1.46758	0.209619	1.23403	1.23403	0.116203	1.31192	1.31192	0.638229	0.927454	-1.07822	0.091155	0.743864	-1.34433	2.31427	0.926949	0.356031	1
cg19439331	TET1;TET1	0.12573	0.743233	1.06566	1.06566	0.809026	1.04796	1.04796	0.35925	1.20006	1.20006	0.38074	1.18998	1.18998	0.780025	1.05566	1.05566	0.410111	0.84962	-1.177	0.0106012	0.536971	-1.8623	0.883762	0.972094	-1.02871	0.0571928	1.51627	1.51627	2.31426	1.37185	0.526916	1
cg02859866	FRMD4A	0.125733	0.0349024	0.304041	-3.28903	0.95017	1.03073	1.03073	0.510326	0.723687	-1.38181	0.454507	0.691461	-1.44621	0.0214929	0.262483	-3.80977	0.467416	0.699002	-1.43061	0.0253121	0.275885	-3.6247	0.257718	0.564402	-1.77179	0.100646	0.418581	-2.38903	2.31424	8.59629	3.3018	1
cg27366964	C10orf11	0.125737	0.180561	1.82089	1.82089	0.567361	1.27593	1.27593	0.444212	0.7198	-1.38927	0.344744	1.50713	1.50713	0.0532261	0.396238	-2.52373	0.11449	2.06181	2.06181	0.396817	1.44156	1.44156	0.230944	1.69839	1.69839	0.0793117	0.439964	-2.27291	2.31421	6.51199	2.50126	1
cg24174996	OR8B4	0.125737	0.557588	1.29612	1.29612	0.71309	1.17529	1.17529	0.446378	0.712165	-1.40417	0.6513	1.22016	1.22016	0.0723936	0.416103	-2.40325	0.201993	0.554779	-1.80252	0.182708	0.538802	-1.85597	0.00754918	0.222404	-4.49632	0.54442	0.764674	-1.30775	2.3142	7.01023	2.69264	1
cg13051728	ARG2	0.125742	0.21836	0.691014	-1.44715	0.820339	1.06709	1.06709	0.6843	1.12378	1.12378	0.0537997	0.535238	-1.86833	0.52862	0.833406	-1.1999	0.0528243	0.533505	-1.8744	0.074876	1.76177	1.76177	0.324021	1.33744	1.33744	0.365143	1.30425	1.30425	2.31416	2.98665	1.1472	1
cg17792564	BCL6	0.12575	?	?	?	0.405035	2.01226	2.01226	0.515006	0.581657	-1.71923	?	?	?	?	?	?	0.780805	0.795358	-1.2573	0.945315	0.945253	-1.05792	0.00765649	0.059991	-16.6692	0.588983	0.639075	-1.56476	2.39621	17.0444	9.48405	1
cg27533999	SUCLG2	0.125751	0.0317841	0.338293	-2.95602	0.599975	1.25595	1.25595	0.662529	1.20818	1.20818	0.041284	0.362851	-2.75595	0.083535	0.438285	-2.28162	0.971687	1.0154	1.0154	0.255788	0.599964	-1.66677	0.910192	1.04979	1.04979	0.0558691	0.39343	-2.54175	2.31409	6.79716	2.61093	1
cg14491761	GLP2R	0.125751	0.516678	1.3247	1.3247	0.686925	0.840908	-1.18919	0.00785392	0.232522	-4.30068	0.659428	0.827234	-1.20885	0.717871	1.16786	1.16786	0.921442	0.958692	-1.04309	0.0320981	0.341743	-2.92617	0.557612	1.28868	1.28868	0.686721	0.840806	-1.18933	2.31409	6.70309	2.5748	1
cg09172244	EBF1	0.125753	0.0812593	0.314281	-3.18186	0.00872303	0.135161	-7.39861	0.189605	0.435131	-2.29816	0.636843	0.752161	-1.3295	0.0328141	0.224177	-4.46075	0.361401	0.570141	-1.75395	0.125472	0.370435	-2.69953	0.399532	0.596606	-1.67615	0.358784	0.568296	-1.75965	2.31407	13.1446	5.04916	1
cg15862165	CRADD	0.125756	0.474636	1.43091	1.43091	0.205599	1.93103	1.93103	0.482498	1.42156	1.42156	0.534846	1.36307	1.36307	0.21187	0.523044	-1.91189	0.815212	0.891037	-1.12229	0.878856	1.07806	1.07806	0.00429783	6.565	6.565	0.749856	1.17074	1.17074	2.31404	8.90039	3.41889	1
cg12760261	CEP120;CEP120	0.125758	0.667085	0.955482	-1.04659	0.0517841	0.792224	-1.26227	0.0568473	1.2546	1.2546	0.635726	0.951027	-1.0515	0.733867	0.964726	-1.03656	0.187255	0.863219	-1.15845	0.928549	1.00948	1.00948	0.240966	1.13789	1.13789	0.0705022	1.23704	1.23704	2.31402	0.405846	0.155898	1
cg04873961	C2orf42	0.125762	?	?	?	0.761665	1.16228	1.16228	0.348867	1.61085	1.61085	0.0397414	0.308688	-3.23951	0.0537807	0.338732	-2.95218	0.0595671	0.349533	-2.86096	0.882673	0.929597	-1.07574	?	?	?	0.864354	0.918946	-1.0882	2.36239	7.11187	3.44052	1
cg25590492	ZIC1	0.125764	0.0262283	0.10139	-9.86288	0.673763	1.44417	1.44417	0.744026	1.32897	1.32897	0.190618	0.300299	-3.33001	0.0458326	0.137112	-7.29333	0.335198	0.422047	-2.3694	0.985284	1.01614	1.01614	0.202903	0.311371	-3.21161	0.0307022	0.110437	-9.05496	2.31397	27.6122	10.607	1
cg09375878	RFTN1	0.125767	0.908349	1.01988	1.01988	0.26908	0.821434	-1.21738	0.159189	0.77327	-1.29321	0.342802	1.18179	1.18179	0.745221	1.0573	1.0573	0.296835	1.20304	1.20304	0.015027	0.6	-1.66667	0.896544	0.978013	-1.02248	0.0616542	0.697869	-1.43293	2.31395	1.07034	0.411166	1
cg21195763	ABL1	0.125771	0.126528	0.349415	-2.86192	0.0175011	0.15886	-6.29486	0.0345966	0.208576	-4.7944	0.614763	0.724095	-1.38103	0.111631	0.332112	-3.01103	0.68249	0.769778	-1.29908	0.238567	0.455992	-2.19302	0.435968	1.65798	1.65798	0.720979	1.25627	1.25627	2.31392	14.8313	5.69742	1
cg07683636	NHEJ1	0.125771	0.865137	0.964298	-1.03702	0.0683773	1.54713	1.54713	0.0837164	1.50586	1.50586	0.0907647	0.671314	-1.48962	0.545642	0.877392	-1.13974	0.685377	1.09102	1.09102	0.170068	1.36688	1.36688	0.436275	1.18514	1.18514	0.100572	0.680655	-1.46917	2.31392	1.67628	0.643939	1
cg24494556	ZNF33B	0.125773	0.669183	1.08823	1.08823	0.974837	1.00622	1.00622	0.613026	1.10554	1.10554	0.259491	0.79341	-1.26038	0.651139	0.914341	-1.09368	0.261275	0.794155	-1.2592	0.0181254	0.568619	-1.75865	0.581242	1.11583	1.11583	0.0375889	1.60732	1.60732	2.3139	1.41831	0.544846	1
cg02128572	C17orf85;C17orf85	0.125773	0.413757	1.18418	1.18418	0.641335	1.09957	1.09957	0.871498	0.967776	-1.0333	0.429312	1.17733	1.17733	0.0549932	1.55312	1.55312	0.0636787	1.52474	1.52474	0.00760849	2.00255	2.00255	0.647243	1.0977	1.0977	0.686917	0.92129	-1.08543	2.3139	1.50027	0.576331	1
cg03442372	SELO	0.125775	0.0435625	0.30727	-3.25446	0.160325	0.466407	-2.14405	0.169487	0.475116	-2.10475	0.18689	0.49096	-2.03683	0.0997533	0.399609	-2.50244	0.0878395	0.383674	-2.60638	0.0141526	0.214502	-4.66196	0.151381	0.457627	-2.18518	0.114558	0.41782	-2.39337	2.31388	9.47551	3.64006	1
cg15699766	DTX4	0.125778	0.844196	0.941196	-1.06248	0.553387	1.20282	1.20282	0.500405	0.810041	-1.2345	0.206949	1.50671	1.50671	0.652493	0.869694	-1.14983	0.512906	0.815147	-1.22677	0.0085628	0.35593	-2.80954	0.100831	1.73936	1.73936	0.913685	0.967156	-1.03396	2.31386	3.47646	1.33551	1
cg24141378	SLC25A29	0.125783	0.325189	1.17881	1.17881	0.0769129	0.72722	-1.3751	0.250047	0.82313	-1.21487	0.155894	1.27869	1.27869	0.830924	0.965969	-1.03523	0.145288	1.28819	1.28819	0.540416	1.10556	1.10556	0.201432	0.803764	-1.24415	0.0597384	0.708916	-1.4106	2.31381	0.960859	0.36913	1
cg05144259	PTPRN2;PTPRN2;PTPRN2	0.125783	0.0605441	0.289288	-3.45677	0.166264	0.420975	-2.37544	0.366126	0.580299	-1.72325	0.318455	0.546429	-1.83006	0.0489337	0.267711	-3.73538	0.144711	0.39926	-2.50463	0.017325	0.18291	-5.46718	0.0421763	0.253615	-3.94298	0.216422	0.466548	-2.1434	2.31381	12.5889	4.83623	1
cg26933384	NUMBL	0.125784	0.756737	0.864645	-1.15654	0.708146	0.838607	-1.19245	0.742292	0.856892	-1.16701	0.282592	1.68641	1.68641	0.0421282	0.334231	-2.99194	0.0312918	0.306501	-3.26263	0.0518836	0.355089	-2.81619	0.28418	1.68328	1.68328	0.892333	0.938581	-1.06544	2.31381	8.02814	3.08415	1
cg07643061	TCEB3C;TCEB3CL;KATNAL2	0.125786	0.803299	1.07447	1.07447	0.00400434	0.328553	-3.04365	0.741359	1.10002	1.10002	0.84916	1.05633	1.05633	0.431879	1.25969	1.25969	0.698362	1.1186	1.1186	0.221725	1.44722	1.44722	0.958356	0.985084	-1.01514	0.852424	0.947815	-1.05506	2.31379	3.03536	1.16609	1
cg10743685	TIMM10	0.125787	0.871731	0.923333	-1.08303	0.264734	0.563382	-1.77499	0.815906	0.891257	-1.12201	0.801083	1.13272	1.13272	0.26037	0.560169	-1.78518	0.00415064	0.150042	-6.6648	0.915148	1.05402	1.05402	0.254414	1.7994	1.7994	0.648977	0.797543	-1.25385	2.31379	8.9297	3.43053	1
cg17775382	SDHAP3	0.125787	0.0807314	0.687816	-1.45388	0.0693928	0.675372	-1.48067	0.0241728	0.594889	-1.68099	0.868499	1.03254	1.03254	0.573156	0.895833	-1.11628	0.858838	1.035	1.035	0.033946	0.619794	-1.61344	0.279098	0.804579	-1.24289	0.110614	0.71468	-1.39923	2.31378	1.36814	0.525601	1
cg01810684	CA5A	0.125789	0.60052	1.14463	1.14463	0.0709599	1.67489	1.67489	0.963109	0.988245	-1.01189	0.0792113	0.607631	-1.64573	0.0539637	0.571616	-1.74943	0.425143	0.812033	-1.23148	0.538461	1.1726	1.1726	0.886319	1.03725	1.03725	0.0625131	0.58513	-1.70902	2.31377	2.39503	0.920108	1
cg20400795	ZNF605;ZNF605	0.125792	0.101409	0.463445	-2.15775	0.349612	0.66175	-1.51115	0.0777836	0.4315	-2.3175	0.328738	0.649048	-1.54072	0.00803718	0.233138	-4.28931	0.16684	0.531527	-1.88137	0.0836458	0.439995	-2.27275	0.627388	0.810785	-1.23337	0.107122	0.470385	-2.12592	2.31375	6.738	2.58859	1
cg27467929	PREX2;PREX2	0.125793	0.674215	0.920441	-1.08644	0.054722	1.53307	1.53307	0.0820791	1.45899	1.45899	0.189867	0.76165	-1.31294	0.628399	0.908801	-1.10035	0.240991	0.786089	-1.27212	0.0505299	0.645987	-1.54802	0.623249	0.907476	-1.10196	0.467819	0.865147	-1.15587	2.31373	1.40893	0.541283	1
cg09836344	C4orf42;CTBP1;CTBP1	0.125794	0.0823788	1.9367	1.9367	0.628617	0.84584	-1.18226	0.600707	0.834093	-1.19891	0.412695	1.33336	1.33336	0.011744	0.339162	-2.94844	0.138835	1.7286	1.7286	0.9543	0.980506	-1.01988	0.968628	1.0136	1.0136	0.612674	1.19169	1.19169	2.31373	4.32422	1.66128	1
cg22528979	GLT25D1	0.125795	0.0630604	2.80796	2.80796	0.0185466	4.09525	4.09525	0.0663794	2.76404	2.76404	0.191531	1.97937	1.97937	0.179589	2.02154	2.02154	0.774944	1.15206	1.15206	0.855678	1.09407	1.09407	0.0672659	2.75279	2.75279	0.0734046	2.67978	2.67978	2.31372	8.93498	3.43266	1
cg03131736	C19orf63;C19orf63	0.125798	0.224516	1.6002	1.6002	0.133538	1.8154	1.8154	0.378899	1.39465	1.39465	0.62004	0.831801	-1.20221	0.0465221	0.431681	-2.31653	0.711824	0.872213	-1.14651	0.0509249	2.2691	2.2691	0.098199	1.95102	1.95102	0.690718	1.15878	1.15878	2.31369	4.97536	1.91147	1
cg05915116	NCF1B	0.125799	0.991514	0.996777	-1.00323	0.117946	0.597261	-1.67431	0.0696879	0.540172	-1.85126	0.482721	0.805268	-1.24182	0.0175769	0.415983	-2.40394	0.0412299	0.489245	-2.04396	0.619683	0.859086	-1.16403	0.497533	0.811326	-1.23255	0.0487671	0.504979	-1.98028	2.31368	3.37722	1.29749	1
cg05304531	DHDDS;HMGN2;DHDDS	0.1258	0.0614872	0.260456	-3.83942	0.23675	0.453088	-2.20708	0.812802	0.859416	-1.16358	0.923732	1.06306	1.06306	0.0203644	0.167702	-5.96295	0.102002	0.318851	-3.13626	0.0470107	0.234145	-4.27086	0.0612031	0.259978	-3.84649	0.345489	0.537685	-1.85983	2.31368	14.9448	5.74163	1
cg14892058	WBP11;C12orf60;WBP11	0.125806	0.550651	1.06283	1.06283	0.493061	0.932155	-1.07278	0.162867	0.860414	-1.16223	0.133934	0.849478	-1.17719	0.0627833	1.23528	1.23528	0.954014	0.994197	-1.00584	0.189045	1.15077	1.15077	0.162158	1.16257	1.16257	0.0684738	1.22856	1.22856	2.31363	0.373236	0.143396	1
cg06846010	MT1L	0.125806	0.0694309	6.54399	6.54399	0.0786498	6.08955	6.08955	0.412442	2.17081	2.17081	0.158603	4.03045	4.03045	0.570875	1.69856	1.69856	0.285979	2.78697	2.78697	0.0122066	17.9634	17.9634	0.88886	1.13807	1.13807	0.0385078	9.18325	9.18325	2.31362	31.3495	12.0444	1
cg03356490	FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3;FXYD3	0.125807	0.375894	0.830373	-1.20428	0.0593716	0.64704	-1.5455	0.0904585	0.682784	-1.46459	0.32438	1.23143	1.23143	0.0367142	0.608705	-1.64283	0.514625	1.14473	1.14473	0.0880701	0.680441	-1.46964	0.500317	1.1502	1.1502	0.998051	1.0005	1.0005	2.31362	1.53309	0.589012	1
cg17322935	AKAP9;AKAP9;AKAP9;AKAP9	0.125808	0.648252	1.27359	1.27359	0.70339	0.817565	-1.22314	0.693851	1.2316	1.2316	0.00865543	0.171657	-5.82559	0.536455	1.39042	1.39042	0.642479	1.27911	1.27911	0.911446	1.06033	1.06033	?	?	?	0.0653464	0.336464	-2.97209	2.33529	9.11483	3.90308	1
cg17660384	C11orf70	0.125808	0.528127	0.834507	-1.19831	0.149525	1.54866	1.54866	0.8969	0.963971	-1.03738	0.386079	0.777634	-1.28595	0.0126613	0.415954	-2.40411	0.869607	0.954563	-1.0476	0.112734	1.63015	1.63015	0.561682	1.18068	1.18068	0.322143	1.33575	1.33575	2.31361	2.93562	1.12787	1
cg14991695	PIGT	0.12581	0.0333289	3.23699	3.23699	0.101255	0.428487	-2.33379	0.930427	1.0421	1.0421	0.88828	1.06864	1.06864	0.228931	0.550843	-1.8154	0.0525394	0.353083	-2.8322	0.281473	1.69663	1.69663	0.82537	1.11001	1.11001	0.516289	1.36454	1.36454	2.31359	8.17304	3.14011	1
cg00820535	MGAT3	0.12581	0.944706	1.01747	1.01747	0.10418	1.55827	1.55827	0.197516	0.711673	-1.40514	0.324014	1.2896	1.2896	0.883265	0.963978	-1.03737	0.225505	1.37414	1.37414	0.0084466	2.31571	2.31571	0.301534	1.3064	1.3064	0.822269	0.945371	-1.05779	2.31359	2.28456	0.877738	1
cg08623535	LOX	0.125811	0.0526005	0.388572	-2.57352	0.270788	1.63533	1.63533	0.372176	0.675006	-1.48147	0.0689847	0.417719	-2.39396	0.0667061	0.413987	-2.41554	0.825179	0.909463	-1.09955	0.0659529	0.412733	-2.42287	0.0776012	0.431088	-2.31971	0.985792	0.99239	-1.00767	2.31359	6.74277	2.5906	1
cg15448064	WIZ;MIR1470	0.125815	0.868542	0.962823	-1.03861	0.492852	1.17268	1.17268	0.296396	1.28098	1.28098	0.980756	0.994499	-1.00553	0.485422	0.850333	-1.17601	0.962767	1.01073	1.01073	0.0113531	0.484361	-2.06458	0.591797	1.13179	1.13179	0.0482933	1.67551	1.67551	2.31355	1.9167	0.736415	1
cg06669036	WWC2	0.125818	0.881491	0.96858	-1.03244	0.0161199	1.87775	1.87775	0.777248	0.941107	-1.06258	0.617832	0.897948	-1.11365	0.492139	0.86131	-1.16102	0.204043	0.750619	-1.33223	0.0321612	1.7109	1.7109	0.478963	1.16652	1.16652	0.629687	1.10957	1.10957	2.31353	1.67806	0.644734	1
cg18914000	PCTP;PCTP	0.125822	0.360929	0.691951	-1.44519	0.0381963	0.389878	-2.56491	0.997174	0.998612	-1.00139	0.303375	1.5189	1.5189	0.0369408	0.386713	-2.58589	0.4031	0.714995	-1.39861	0.0304921	0.369009	-2.70996	0.733742	1.14324	1.14324	0.389797	0.707844	-1.41274	2.31349	5.63284	2.16425	1
cg13116086	POM121L10P	0.125825	0.43368	1.11461	1.11461	0.0136766	0.660883	-1.51313	0.0461792	0.733245	-1.3638	0.596937	0.93008	-1.07518	0.0971915	0.780954	-1.28048	0.804608	0.966894	-1.03424	0.427987	1.11618	1.11618	0.922538	1.0133	1.0133	0.321937	0.870247	-1.1491	2.31347	0.675927	0.259707	1
cg10611760	ACHE;ACHE	0.125825	0.118012	2.17644	2.17644	0.0689725	2.54068	2.54068	0.110188	2.22036	2.22036	0.249752	1.73519	1.73519	0.114818	0.455803	-2.19393	0.618108	0.794311	-1.25895	0.442677	1.43138	1.43138	0.0804103	2.43159	2.43159	0.115382	2.19079	2.19079	2.31346	7.69176	2.95536	1
cg25323012	PNCK;PNCK	0.125829	0.170644	0.309463	-3.2314	0.0181146	0.0995422	-10.046	0.0354586	0.139684	-7.15903	0.730634	1.32025	1.32025	0.801212	0.816435	-1.22484	0.0843013	0.215417	-4.64215	0.982306	0.982331	-1.01799	0.698142	0.731035	-1.36792	0.362225	2.12302	2.12302	2.31343	23.6773	9.09753	1
cg20733436	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.125834	0.932492	1.0152	1.0152	0.990893	0.997971	-1.00203	0.0361426	0.648079	-1.54302	0.109355	1.36445	1.36445	0.13682	0.751802	-1.33014	0.147318	0.758218	-1.31888	0.0821003	0.709719	-1.40901	0.128797	0.746626	-1.33936	0.832699	1.03837	1.03837	2.31339	1.16092	0.446067	1
cg11250194	FADS2	0.125836	0.0459551	0.229001	-4.36679	0.0705431	0.271888	-3.67798	0.117385	0.334217	-2.99206	0.599614	1.40684	1.40684	0.0740756	0.277281	-3.60645	0.204767	0.422213	-2.36847	0.0956938	0.30749	-3.25214	0.617938	0.723226	-1.38269	0.035083	0.205534	-4.86539	2.31337	15.2143	5.84592	1
cg14933246	PHF11;PHF11	0.125837	0.373188	1.682	1.682	0.950479	1.03596	1.03596	0.0264051	0.223708	-4.47011	0.428708	1.58335	1.58335	0.848891	1.1146	1.1146	0.539465	1.42385	1.42385	0.0757136	3.07856	3.07856	0.0394259	3.87765	3.87765	0.438032	1.56823	1.56823	2.31336	11.8536	4.55464	1
cg27346528	WNT3	0.12584	0.761799	0.871554	-1.14738	0.17836	1.9091	1.9091	0.669527	1.21428	1.21428	0.343593	0.643267	-1.55456	0.801301	0.892228	-1.12079	0.250429	1.72132	1.72132	0.0620652	0.386747	-2.58567	0.645544	1.23298	1.23298	0.0162392	3.77833	3.77833	2.31334	7.49219	2.87884	1
cg16555909	TCEA3	0.125842	0.158553	0.418574	-2.38906	0.0620676	0.29704	-3.36655	0.298822	1.86312	1.86312	0.414982	0.617872	-1.61846	0.135061	0.3942	-2.53678	0.277774	0.520906	-1.91973	0.0179448	0.189783	-5.26919	0.0856813	0.333663	-2.99703	0.257256	0.504999	-1.9802	2.31333	12.2333	4.70061	1
cg17335372	GAK	0.125842	0.0928773	0.687781	-1.45395	0.243297	0.781018	-1.28038	0.280773	0.79696	-1.25477	0.991675	0.99789	-1.00211	0.319266	0.811913	-1.23166	0.0163749	0.552116	-1.81121	0.0737176	1.49717	1.49717	0.944371	0.985973	-1.01423	0.938741	0.984561	-1.01568	2.31332	1.50144	0.576926	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08293408	SLC12A7	0.125843	?	?	?	0.465383	0.879198	-1.1374	0.134516	0.756068	-1.32263	0.719805	0.939486	-1.06441	0.884711	0.975171	-1.02546	0.338035	0.842695	-1.18667	0.0103525	1.75008	1.75008	0.300807	0.830446	-1.20417	0.655501	0.925136	-1.08092	2.33499	0.987156	0.422767	1
cg18282392	GALNT7	0.125848	0.840808	0.925435	-1.08057	0.0255268	2.78028	2.78028	0.0467711	2.4041	2.4041	0.453944	1.34169	1.34169	0.143717	0.545904	-1.83182	0.355054	1.4428	1.4428	0.748454	0.883404	-1.13198	0.293425	1.52187	1.52187	0.285396	0.652119	-1.53346	2.31327	5.43945	2.09014	1
cg01930441	CRYM;CRYM	0.125848	0.0522325	0.302016	-3.31108	0.733444	0.830807	-1.20365	0.304893	0.562067	-1.77915	0.213854	0.49178	-2.03343	0.0260243	0.238715	-4.1891	0.480914	0.678072	-1.47477	0.0116177	0.180751	-5.53248	0.229025	0.504339	-1.98279	0.242833	0.515426	-1.94014	2.31327	10.7729	4.13956	1
cg20595752	TEAD3	0.12585	0.591295	1.30084	1.30084	0.499439	0.717018	-1.39466	0.119682	2.26877	2.26877	0.219411	1.87132	1.87132	0.225412	0.539154	-1.85476	0.272203	0.574327	-1.74117	0.0458574	0.32938	-3.03601	0.969485	0.98161	-1.01873	0.0686421	2.68829	2.68829	2.31326	8.62557	3.31445	1
cg06848060	GUCY2D	0.12585	0.143154	0.380528	-2.62793	0.048562	0.250685	-3.98907	0.0444439	0.242357	-4.12615	0.173478	0.410949	-2.43339	0.256048	0.482866	-2.07097	0.965734	0.973966	-1.02673	0.38582	0.579309	-1.72619	0.027475	0.201639	-4.95935	0.0406741	0.2343	-4.26803	2.31325	13.814	5.30816	1
cg04868167	SPATA18	0.125852	0.47288	0.56943	-1.75614	0.326943	0.45814	-2.18274	0.27371	0.415386	-2.4074	0.493451	0.584833	-1.70989	0.382342	0.501063	-1.99576	0.00436709	0.0530388	-18.8541	0.618566	1.47277	1.47277	0.793401	0.816732	-1.22439	0.274683	2.40277	2.40277	2.31324	21.7958	8.37529	1
cg22364435	GAB2	0.125855	0.117201	0.805751	-1.24108	0.458299	0.908601	-1.10059	0.996418	1.00057	1.00057	0.0851099	1.2733	1.2733	0.04827	0.75093	-1.33168	0.222168	1.17684	1.17684	0.122843	1.23636	1.23636	0.696403	0.951452	-1.05103	0.355816	0.886437	-1.12811	2.31321	0.590132	0.226768	1
cg02590486	KDM5A;CCDC77;CCDC77;KDM5A	0.125856	0.014943	0.270238	-3.70044	0.327361	0.642705	-1.55592	0.0748189	0.41996	-2.38118	0.351724	1.52048	1.52048	0.747974	0.868531	-1.15137	0.242143	1.70786	1.70786	0.457928	1.39163	1.39163	0.464324	0.722074	-1.3849	0.220051	0.569044	-1.75733	2.31321	7.00347	2.6912	1
cg25134909	PTPMT1;PTPMT1	0.125858	0.0075732	0.328256	-3.0464	0.636521	1.16692	1.16692	0.460779	0.783877	-1.27571	0.340767	1.37486	1.37486	0.124474	0.583105	-1.71496	0.280241	1.43905	1.43905	0.597583	0.841349	-1.18857	0.855998	1.06068	1.06068	0.369345	0.741581	-1.34847	2.31319	3.85254	1.48041	1
cg27550498	MED12	0.125859	0.36117	0.648149	-1.54286	0.200365	0.535337	-1.86798	0.295548	0.605863	-1.65054	0.0983108	0.432758	-2.31076	0.043705	0.342628	-2.91862	0.678003	1.21274	1.21274	0.0101443	0.223565	-4.47297	0.882225	1.07088	1.07088	0.222439	0.553046	-1.80817	2.31318	7.81832	3.00436	1
cg06502510	ITSN1;ITSN1;CRYZL1	0.12586	0.879937	1.03673	1.03673	0.148092	1.44814	1.44814	0.0373738	1.77989	1.77989	0.174493	0.708427	-1.41158	0.236222	0.743632	-1.34475	0.641182	0.894032	-1.11853	0.152459	0.693657	-1.44164	0.462848	0.836651	-1.19524	0.13573	1.46772	1.46772	2.31317	2.08656	0.80181	1
cg02025680	PGS1	0.125863	0.113285	0.677767	-1.47543	0.307401	1.2693	1.2693	0.309058	0.788524	-1.26819	0.619975	1.11943	1.11943	0.638361	1.11276	1.11276	0.289005	0.780041	-1.28198	0.257544	0.765926	-1.30561	0.415211	0.828649	-1.20678	0.00798392	0.464221	-2.15414	2.31315	1.8661	0.717096	1
cg06408034	ZSWIM5	0.125863	0.865768	0.97269	-1.02808	0.208373	1.24244	1.24244	0.0903218	1.35727	1.35727	0.769837	1.04919	1.04919	0.775807	0.954344	-1.04784	0.909889	1.0187	1.0187	0.00728921	0.567575	-1.76188	0.698505	1.06578	1.06578	0.873049	1.02652	1.02652	2.31315	0.981337	0.377105	1
cg18054632	MYADM;MYADM;MYADM;MYADM;MYADM	0.125865	0.859694	0.905681	-1.10414	0.0227029	0.217157	-4.60496	0.731731	0.824744	-1.2125	0.0626939	0.309516	-3.23085	0.0297118	0.238657	-4.19011	0.0639955	0.311739	-3.20781	0.688412	1.25321	1.25321	0.968756	0.978308	-1.02217	0.475765	0.666287	-1.50086	2.31313	11.4853	4.41357	1
cg13338350	ZNF611;ZNF611;ZNF611	0.125866	0.051739	5.62267	5.62267	0.12541	3.64616	3.64616	0.12024	3.72345	3.72345	0.179039	3.04472	3.04472	0.224557	2.70495	2.70495	0.375655	2.03237	2.03237	0.0332104	6.97084	6.97084	0.0325038	7.04409	7.04409	0.0471428	5.88179	5.88179	2.31312	22.2889	8.56521	1
cg27106909	YPEL3;YPEL3;YPEL3	0.125872	0.0834537	3.58419	3.58419	0.0621589	4.05106	4.05106	0.0221262	6.22078	6.22078	0.0334497	5.23587	5.23587	0.126406	3.00901	3.00901	0.291799	2.07246	2.07246	0.157107	2.74041	2.74041	0.143977	2.84579	2.84579	0.134178	2.93325	2.93325	2.31307	16.2606	6.24879	1
cg04044418	ZNF276;ZNF276	0.125873	0.0714654	0.42451	-2.35565	0.0928278	0.455149	-2.19708	0.0211506	0.307301	-3.25414	0.403256	0.69484	-1.43918	0.056066	0.398083	-2.51204	0.239927	0.592286	-1.68837	0.0693432	0.421128	-2.37457	0.054418	0.394956	-2.53193	0.297755	0.631625	-1.58322	2.31306	6.63733	2.55067	1
cg21527621	ACOT11;ACOT11	0.125875	0.0508592	0.187561	-5.3316	0.0183333	0.116062	-8.61609	0.0611036	0.204359	-4.89334	0.493786	0.592833	-1.68682	0.052836	0.190932	-5.23746	0.28317	0.432155	-2.31398	0.0795462	0.231271	-4.32394	0.159305	0.322505	-3.10073	0.490365	0.590302	-1.69405	2.31305	20.7372	7.96916	1
cg09829263	RCBTB2	0.125877	0.309776	0.683449	-1.46317	0.0152173	2.94313	2.94313	0.781631	0.904274	-1.10586	0.88073	1.05587	1.05587	0.116498	0.539228	-1.8545	0.283943	1.49645	1.49645	0.303918	1.47045	1.47045	0.118756	1.84631	1.84631	0.751773	0.891449	-1.12177	2.31303	4.80364	1.84602	1
cg02298059	RRP15;RRP15	0.12588	0.134571	1.62764	1.62764	0.88262	1.04562	1.04562	0.497306	0.812154	-1.23129	0.0482061	1.97724	1.97724	0.288013	1.39524	1.39524	0.336405	1.34888	1.34888	0.0264018	0.451622	-2.21424	0.313343	1.37007	1.37007	0.995586	0.998331	-1.00167	2.313	3.33971	1.28345	1
cg05140648	DDN	0.125886	0.316298	3.30537	3.30537	0.291914	3.53215	3.53215	0.138844	6.28724	6.28724	0.108494	7.541	7.541	0.313635	3.32874	3.32874	0.0741793	9.93488	9.93488	0.013884	33.3741	33.3741	0.127501	6.69729	6.69729	0.0302336	18.9207	18.9207	2.31296	48.781	18.747	1
cg12291380	EXD3	0.125886	0.182432	0.779883	-1.28224	0.159001	0.767607	-1.30275	0.0383276	0.655931	-1.52455	0.811755	0.958948	-1.04281	0.698335	0.933862	-1.07082	0.592095	0.909349	-1.09969	0.0293263	1.56988	1.56988	0.357277	1.18097	1.18097	0.874523	1.02815	1.02815	2.31296	1.13077	0.434565	1
cg02538014	SCFD2	0.125886	0.0664844	0.595764	-1.67852	0.581565	1.15036	1.15036	0.912505	1.02805	1.02805	0.643109	0.889204	-1.1246	0.990211	0.996917	-1.00309	0.0303861	0.527066	-1.8973	0.069954	1.66518	1.66518	0.269699	1.33543	1.33543	0.285915	0.756609	-1.32169	2.31295	2.32003	0.89161	1
cg15379757	COL4A1	0.125891	0.740153	0.890897	-1.12246	0.128473	1.76885	1.76885	0.0241168	0.393166	-2.54346	0.178616	0.608953	-1.64216	0.335876	1.4112	1.4112	0.324402	1.42368	1.42368	0.245677	1.52418	1.52418	0.808609	1.08788	1.08788	0.183463	0.612707	-1.6321	2.31291	4.41343	1.69615	1
cg17285378	GALNT10	0.125892	0.666185	0.850803	-1.17536	0.0670677	0.465744	-2.1471	0.0748644	0.477786	-2.09299	0.450428	1.33147	1.33147	0.0442504	2.3639	2.3639	0.712526	0.871292	-1.14772	0.116912	1.88535	1.88535	0.604432	0.8232	-1.21477	0.865834	1.06498	1.06498	2.31291	5.07688	1.95113	1
cg17522984	NCOA4;NCOA4;NCOA4;NCOA4;NCOA4	0.125897	0.0406521	0.730645	-1.36865	0.984283	1.00262	1.00262	0.0873459	0.778327	-1.28481	0.681367	1.05635	1.05635	0.967317	1.00546	1.00546	0.909517	0.985018	-1.01521	0.0593369	0.75379	-1.32663	0.887528	1.01897	1.01897	0.0601003	1.32523	1.32523	2.31286	0.645771	0.248186	1
cg11139020	IPP;IPP	0.125899	0.169822	0.824699	-1.21256	0.266951	1.16468	1.16468	0.45488	0.904538	-1.10554	0.0984052	1.26985	1.26985	0.8637	1.02291	1.02291	0.959708	1.00668	1.00668	0.0153318	0.675505	-1.48037	0.753882	1.04233	1.04233	0.206051	0.838773	-1.19222	2.31284	0.636405	0.244588	1
cg11594452	AP1B1;AP1B1;AP1B1	0.125904	0.190369	0.509867	-1.9613	0.983775	0.990171	-1.00993	0.794062	0.880671	-1.1355	0.0979016	0.41397	-2.41564	0.253499	0.560312	-1.78472	0.0728917	0.37841	-2.64264	0.0120495	0.218524	-4.57616	0.40541	1.51207	1.51207	0.138498	0.460858	-2.16986	2.31281	8.64243	3.32157	1
cg27196194	ZBTB7A	0.125912	0.437772	1.23436	1.23436	0.0160593	2.18988	2.18988	0.0104505	2.3572	2.3572	0.616371	0.874266	-1.14382	0.215484	1.41454	1.41454	0.661924	1.12417	1.12417	0.644404	1.1316	1.1316	0.611941	1.14578	1.14578	0.319408	1.31484	1.31484	2.31273	2.59196	0.996206	1
cg21380380	GLCCI1	0.125913	0.172221	0.583561	-1.71362	0.551954	1.2499	1.2499	0.321306	1.46202	1.46202	0.0196789	2.84175	2.84175	0.888504	0.949331	-1.05337	0.225251	1.60338	1.60338	0.26859	0.652384	-1.53284	0.735156	0.881742	-1.13412	0.0653581	2.15284	2.15284	2.31273	5.03286	1.93436	1
cg19372772	ACP1;ACP1;SH3YL1;ACP1;ACP1;ACP1;ACP1;ACP1;SH3YL1	0.125914	0.32097	1.32171	1.32171	0.631817	1.14033	1.14033	0.587427	1.16069	1.16069	0.990357	0.996718	-1.00329	0.943278	1.01954	1.01954	0.0209883	2.12837	2.12837	0.141623	1.5371	1.5371	0.0955061	0.607655	-1.64567	0.115749	0.628099	-1.59211	2.31272	2.71019	1.04166	1
cg02520104	NDFIP2;NDFIP2	0.125918	0.700745	1.11901	1.11901	0.728232	1.10691	1.10691	0.774959	1.08705	1.08705	0.22384	0.689288	-1.45077	0.0467683	0.515368	-1.94036	0.0282448	0.470351	-2.12607	0.571486	0.84662	-1.18117	0.0695073	1.80609	1.80609	0.971173	1.01058	1.01058	2.31269	3.10542	1.19358	1
cg03138446	SLC27A3	0.125918	0.253553	0.500219	-1.99912	0.0161502	5.52744	5.52744	0.10485	2.80013	2.80013	0.369642	1.70787	1.70787	0.200859	0.456195	-2.19204	0.306246	1.85037	1.85037	0.337808	0.563244	-1.77543	0.534771	1.44081	1.44081	0.991111	0.993549	-1.00649	2.31268	12.3615	4.75118	1
cg04663870	CSMD1	0.125922	0.144653	1.5711	1.5711	0.297988	1.36492	1.36492	0.364305	1.30841	1.30841	0.709982	1.11373	1.11373	0.0100035	0.391525	-2.55411	0.54516	0.83814	-1.19312	0.598472	0.857932	-1.16559	0.516691	0.827302	-1.20875	0.272278	1.39028	1.39028	2.31265	3.04546	1.17055	1
cg14391622	SLC12A8	0.125925	0.382897	0.718047	-1.39267	0.360818	1.41585	1.41585	0.707305	0.869686	-1.14984	0.227828	1.59772	1.59772	0.14169	0.557165	-1.7948	0.867196	0.939929	-1.06391	0.0272989	0.380312	-2.62942	0.098998	0.511963	-1.95327	0.154891	1.75685	1.75685	2.31263	5.01849	1.92892	1
cg11836154	C14orf79	0.125928	0.0610376	1.52866	1.52866	0.480767	1.15497	1.15497	0.201493	0.762498	-1.31148	0.608263	0.901293	-1.10952	0.022961	0.57877	-1.7278	0.52689	0.879076	-1.13756	0.733047	1.07125	1.07125	0.0951674	0.691708	-1.4457	0.544103	0.883886	-1.13137	2.31261	1.4801	0.568903	1
cg11111696	ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF438;ZNF	0.125932	0.845953	1.02514	1.02514	0.0300919	1.38486	1.38486	0.0344707	1.36997	1.36997	0.788187	0.966212	-1.03497	0.380108	1.12178	1.12178	0.501216	1.09104	1.09104	0.0569714	0.759618	-1.31645	0.97797	0.996482	-1.00353	0.576107	1.07476	1.07476	2.31257	0.596719	0.229363	1
cg21416544	A2ML1	0.125936	0.16793	0.45799	-2.18345	0.120962	0.409192	-2.44384	0.00531605	0.142036	-7.04048	0.728075	0.830709	-1.20379	0.114495	0.401654	-2.48971	0.231636	0.513421	-1.94772	0.265181	0.539541	-1.85343	0.754755	1.18118	1.18118	0.791641	0.868758	-1.15107	2.31254	10.3416	3.97509	1
cg21261158	RASA3	0.12594	0.166647	3.01126	3.01126	0.17048	0.335812	-2.97786	0.162483	0.328001	-3.04878	0.544425	1.58188	1.58188	0.49796	1.67252	1.67252	0.919629	0.927328	-1.07837	0.484677	0.588103	-1.70038	0.0297045	6.77316	6.77316	0.0775429	4.33491	4.33491	2.3125	20.4673	7.86731	1
cg06334988	ANKZF1;ATG9A;ANKZF1;ATG9A	0.125941	0.0978493	2.05862	2.05862	0.148956	0.54044	-1.85034	0.423409	1.38414	1.38414	0.808997	1.10107	1.10107	0.452947	1.35525	1.35525	0.718748	1.15464	1.15464	0.286307	0.643878	-1.55309	0.281867	0.641055	-1.55993	0.0174295	0.316376	-3.16079	2.31249	5.78943	2.22537	1
cg02014020	TTLL10;TTLL10	0.125943	0.702333	0.777129	-1.28679	0.452237	0.604784	-1.65348	0.469955	0.617115	-1.62044	0.270421	0.470703	-2.12448	0.00318208	0.0709905	-14.0864	0.323559	0.511954	-1.9533	0.948575	1.04326	1.04326	0.233859	0.44063	-2.26948	0.120541	0.330975	-3.02137	2.31248	15.7926	6.07049	1
cg16108823	MIOX;MIOX	0.125945	0.799339	1.06664	1.06664	0.115366	1.54266	1.54266	0.0294903	0.522461	-1.91402	0.763651	1.07936	1.07936	0.463726	0.827891	-1.20789	0.0797664	1.63624	1.63624	0.157283	1.46671	1.46671	0.276365	0.750706	-1.33208	0.768671	0.92803	-1.07755	2.31246	2.34892	0.902903	1
cg26872137	UNC5D	0.125945	0.163782	1.53696	1.53696	0.438906	0.795843	-1.25653	0.635878	0.871139	-1.14792	0.540336	1.19638	1.19638	0.237162	0.698923	-1.43077	0.5257	1.20441	1.20441	0.286636	1.37719	1.37719	0.522806	1.20603	1.20603	0.00688455	2.751	2.751	2.31246	3.06404	1.17779	1
cg10759957	PEG10;PEG10	0.125946	0.8738	1.03325	1.03325	0.834372	0.957834	-1.04402	0.286904	0.796502	-1.25549	0.0307199	0.593216	-1.68573	0.134333	1.39401	1.39401	0.742662	0.934457	-1.07014	0.0425235	1.61698	1.61698	0.889183	0.971722	-1.0291	0.210489	1.31192	1.31192	2.31245	1.55044	0.595978	1
cg05456022	FAM96B;FAM96B;CES2;CES2	0.125946	?	?	?	?	?	?	?	?	?	0.559659	0.698228	-1.4322	?	?	?	?	?	?	0.61991	1.35505	1.35505	0.0504335	0.228919	-4.36836	0.0608611	0.250038	-3.99939	3.05624	7.21467	2.9508	1
cg10060562	PRKG2	0.125951	0.728241	1.14686	1.14686	0.569327	0.797781	-1.25348	0.0255787	0.352753	-2.83485	0.835809	0.921709	-1.08494	0.0401724	0.394007	-2.53802	0.812596	1.09779	1.09779	0.0592413	0.433175	-2.30854	0.191256	1.72211	1.72211	0.862726	0.934276	-1.07035	2.31241	5.65152	2.17244	1
cg24371155	MYO16	0.125952	0.531858	1.59953	1.59953	0.919629	0.927871	-1.07774	0.605331	1.47206	1.47206	0.249326	2.44266	2.44266	0.31959	2.14452	2.14452	0.245539	2.46188	2.46188	0.0227752	7.5503	7.5503	0.030802	6.56215	6.56215	0.0202588	7.97516	7.97516	2.31241	20.1499	7.74563	1
cg21831587	GTF2IRD2	0.125954	?	?	?	0.075392	2.67471	2.67471	0.182759	2.01914	2.01914	0.413158	1.51559	1.51559	?	?	?	0.68284	1.22651	1.22651	0.190849	1.9905	1.9905	0.00897876	5.2142	5.2142	0.700419	1.21184	1.21184	2.36069	7.18282	3.47735	1
cg05139070	C1orf213;C1orf213;ZNF436;C1orf213;ZNF436;ZNF436	0.125955	0.07718	0.79638	-1.25568	0.738184	1.03964	1.03964	0.0949749	1.2369	1.2369	0.377741	1.11057	1.11057	0.879771	1.01769	1.01769	0.0123323	1.43485	1.43485	0.343328	1.11976	1.11976	0.484334	1.08583	1.08583	0.763713	0.96567	-1.03555	2.31238	0.491704	0.189013	1
cg20003983	C20orf85	0.125956	0.590823	1.27127	1.27127	0.903228	1.05526	1.05526	0.496443	1.35711	1.35711	0.163346	1.93071	1.93071	0.386104	1.48127	1.48127	0.655142	0.819719	-1.21993	0.00815146	4.47061	4.47061	0.0272151	3.17658	3.17658	0.934369	0.964234	-1.03709	2.31237	7.16168	2.75299	1
cg23375431	LOC338799;SETD1B	0.125956	0.0132902	0.596185	-1.67733	0.0873558	0.727462	-1.37464	0.0952838	1.36205	1.36205	0.419397	1.14923	1.14923	0.905264	1.02028	1.02028	0.855811	1.03114	1.03114	0.834326	0.965306	-1.03594	0.372199	0.85688	-1.16702	0.761777	1.05259	1.05259	2.31237	1.0409	0.400129	1
cg03312587	A2BP1;A2BP1;A2BP1	0.12596	0.217638	2.11172	2.11172	0.771273	1.18294	1.18294	0.206436	0.46392	-2.15554	0.871407	1.09786	1.09786	0.31966	0.552831	-1.80887	0.3309	1.78286	1.78286	0.00788152	0.140212	-7.13206	0.653578	0.770769	-1.29741	0.269299	0.51528	-1.94069	2.31234	12.165	4.67637	1
cg17499941	LOC645323	0.12596	0.451589	0.665626	-1.50234	0.344815	0.596671	-1.67597	0.306726	1.75343	1.75343	0.898039	1.0704	1.0704	0.0819406	0.35954	-2.78133	0.529737	0.713302	-1.40193	0.00842519	0.167694	-5.96325	0.088816	0.369308	-2.70777	0.45298	0.66649	-1.5004	2.31234	10.3145	3.96501	1
cg20993403	EPB41L1	0.12596	0.0576085	0.678235	-1.47441	0.0586663	0.679623	-1.4714	0.346977	1.19139	1.19139	0.897769	1.02352	1.02352	0.114073	0.73283	-1.36457	0.98294	1.00387	1.00387	0.235984	1.25178	1.25178	0.0543229	0.673776	-1.48417	0.431572	0.864887	-1.15622	2.31233	1.19755	0.460351	1
cg16639880	SDK1;SDK1	0.125961	0.449815	1.12428	1.12428	0.407088	1.1377	1.1377	0.200387	1.22845	1.22845	0.521385	0.905862	-1.10392	0.214842	0.819857	-1.21973	0.205543	0.816148	-1.22527	0.0200045	1.53271	1.53271	0.19628	0.812323	-1.23104	0.383641	0.872934	-1.14556	2.31233	0.847459	0.325775	1
cg01444487	CHST8;CHST8;CHST8	0.125964	0.865766	1.06438	1.06438	0.00938413	3.36942	3.36942	0.775629	1.11114	1.11114	0.883614	1.05551	1.05551	0.854236	0.934424	-1.07018	0.191499	1.66528	1.66528	0.423293	0.739618	-1.35205	0.065264	0.466156	-2.14521	0.943062	1.02669	1.02669	2.31231	4.98111	1.91482	1
cg02557432	COL9A3	0.125965	0.00726865	0.24271	-4.12015	0.811753	1.10248	1.10248	0.772582	1.1258	1.1258	0.316781	0.654942	-1.52685	0.667667	0.83809	-1.19319	0.287571	1.57071	1.57071	0.344431	1.48919	1.48919	0.60236	0.806579	-1.2398	0.19438	1.75314	1.75314	2.31229	6.12385	2.35413	1
cg14453790	ZNF716	0.125966	0.181783	0.403051	-2.48108	0.0480747	0.234912	-4.25691	0.106436	0.322964	-3.09632	0.729063	0.800176	-1.24972	0.00860979	0.116727	-8.56703	0.702097	0.781623	-1.27939	0.477291	0.629235	-1.58923	0.175729	0.397313	-2.51691	0.0901618	0.30201	-3.31115	2.31229	15.052	5.7863	1
cg12620743	LOC645323;LOC645323;LOC645323	0.125969	0.0545251	0.614603	-1.62707	0.108758	0.676809	-1.47752	0.753686	1.07277	1.07277	0.52766	0.866924	-1.1535	0.427482	0.834603	-1.19817	0.656993	1.10488	1.10488	0.591766	0.886203	-1.12841	0.650748	1.10706	1.10706	0.0187967	1.88751	1.88751	2.31226	1.8238	0.701112	1
cg15277677	NTM	0.12597	0.542852	0.88199	-1.1338	0.178681	0.747302	-1.33815	0.908893	0.976932	-1.02361	0.178365	0.747124	-1.33847	0.409535	0.842017	-1.18762	0.767865	0.941439	-1.0622	0.0125773	0.531161	-1.88267	0.0126158	0.531374	-1.88191	0.750603	0.937057	-1.06717	2.31225	1.52212	0.585142	1
cg18776460	LRIG3;LRIG3	0.12597	0.313074	0.544711	-1.83583	0.117428	0.368733	-2.71199	0.482414	0.660644	-1.51368	0.66992	1.28221	1.28221	0.0140565	0.162594	-6.15028	0.575816	1.38809	1.38809	0.224484	0.474893	-2.10574	0.107079	2.80915	2.80915	0.530192	0.691396	-1.44635	2.44345	12.7097	4.04564	1
cg16606320	LOC644145	0.125971	0.171228	0.446558	-2.23935	0.208521	2.08278	2.08278	0.366688	0.598584	-1.67061	0.110644	0.382138	-2.61686	0.0454446	0.280922	-3.5597	0.0553118	0.300545	-3.32729	0.0849214	0.348448	-2.86987	0.199005	0.471873	-2.11921	0.724224	1.21657	1.21657	2.31224	11.2146	4.3112	1
cg14473793	BTBD16	0.125973	0.0197142	0.221311	-4.51853	0.560553	0.729681	-1.37046	0.653821	0.785272	-1.27344	0.0973669	0.377513	-2.64891	0.0111644	0.182117	-5.49098	0.456097	0.665999	-1.5015	0.604576	0.755983	-1.32278	0.990583	0.9937	-1.00634	0.143543	0.431	-2.32019	2.31223	10.501	4.03688	1
cg25647415	SEMA3B;SEMA3B	0.125976	0.296554	1.42925	1.42925	0.0243715	2.42375	2.42375	0.17847	1.60277	1.60277	0.4848	1.26398	1.26398	0.2568	1.47782	1.47782	0.228282	1.51784	1.51784	0.00657839	3.20454	3.20454	0.354332	1.3695	1.3695	0.502065	1.25208	1.25208	2.3122	3.9877	1.53301	1
cg02799688	ASB8	0.125978	0.464304	1.14169	1.14169	0.0412514	1.5203	1.5203	0.124995	1.34375	1.34375	0.15312	1.31284	1.31284	0.811312	1.04347	1.04347	0.796212	0.954998	-1.04712	0.170918	0.771508	-1.29616	0.82011	0.960285	-1.04136	0.0615116	0.687456	-1.45464	2.31218	1.1592	0.44564	1
cg00697440	CD86;CD86	0.125979	0.0964914	0.307301	-3.25414	0.837083	0.875352	-1.1424	0.159626	0.378452	-2.64234	0.0324517	0.198115	-5.04757	0.0813087	0.28667	-3.48833	0.547705	0.674783	-1.48196	0.051576	0.238664	-4.18998	0.0545186	0.244042	-4.09766	0.057016	0.248472	-4.0246	2.31218	15.3096	5.8856	1
cg02494246	ALDH3B1	0.125983	0.407731	0.751308	-1.33101	0.0132655	0.354775	-2.81869	0.872755	0.947318	-1.05561	0.173686	0.6134	-1.63026	0.100257	0.544427	-1.83679	0.507212	0.796771	-1.25507	0.199132	0.632476	-1.58109	0.0225366	0.397529	-2.51554	0.117014	0.562736	-1.77703	2.31214	4.17495	1.60503	1
cg18237405	CPNE5	0.125986	0.525685	1.27638	1.27638	0.299035	1.5045	1.5045	0.561189	1.24978	1.24978	0.0835953	2.06825	2.06825	0.552843	1.25589	1.25589	0.0175855	2.99301	2.99301	0.0116899	3.3056	3.3056	0.248042	1.58132	1.58132	0.178821	1.71943	1.71943	2.31212	5.27341	2.02735	1
cg08112276	PRCP;C11orf82;PRCP;PRCP;PRCP	0.125988	0.104705	0.692957	-1.44309	0.150582	1.37532	1.37532	0.0512706	1.58261	1.58261	0.520154	0.873856	-1.14435	0.301979	0.801569	-1.24755	0.712773	1.07948	1.07948	0.363766	0.824439	-1.21295	0.172941	1.34983	1.34983	0.115668	1.42436	1.42436	2.3121	1.56663	0.602293	1
cg04411969	C1orf122;YRDC;C1orf122	0.12599	0.013098	0.161531	-6.19076	0.236554	0.479626	-2.08496	0.660008	0.769309	-1.29987	0.209413	0.456677	-2.18973	0.0338525	0.230446	-4.33941	0.0820287	0.319331	-3.13154	0.138204	0.388429	-2.57447	0.162159	0.413041	-2.42107	0.108554	0.354508	-2.82081	2.31208	12.8524	4.94114	1
cg19516647	PANK4	0.125991	0.306804	0.540268	-1.85093	0.0656181	0.30048	-3.32801	0.6591	1.29481	1.29481	0.585196	0.725608	-1.37815	0.0928923	0.340992	-2.93262	0.140968	0.397936	-2.51297	0.521087	0.684886	-1.4601	0.00739461	0.134215	-7.45073	0.915982	0.940436	-1.06334	2.31208	12.4011	4.76767	1
cg08009313	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.125993	0.0899609	0.711126	-1.40622	0.878602	0.97291	-1.02784	0.529409	0.891641	-1.12153	0.200991	1.27722	1.27722	0.049087	0.662253	-1.51	0.181515	1.29328	1.29328	0.0684085	1.4522	1.4522	0.473138	1.14045	1.14045	0.637709	1.08905	1.08905	2.44324	1.22267	0.389224	1
cg06957820	UBE2B	0.125998	0.576501	0.844152	-1.18462	0.0482492	1.96947	1.96947	0.0155417	2.43771	2.43771	0.782743	1.08654	1.08654	0.350646	0.749423	-1.33436	0.604128	0.854656	-1.17006	0.334552	0.741683	-1.34829	0.349094	0.748686	-1.33567	0.51344	1.22018	1.22018	2.31202	3.30143	1.26929	1
cg09609051	DPF2	0.12601	0.0628332	0.397968	-2.51276	0.77819	1.13237	1.13237	0.921031	0.957289	-1.04462	0.503174	1.34863	1.34863	0.06549	0.402508	-2.48442	0.68166	0.833969	-1.19908	0.0203263	0.291917	-3.42564	0.0698761	0.409727	-2.44065	0.224068	0.569938	-1.75458	2.31192	7.09512	2.72794	1
cg04833898	SNORA10;RPS2	0.126012	0.300849	0.714064	-1.40043	0.958605	0.983826	-1.01644	0.0662412	0.523493	-1.91025	0.160979	0.624772	-1.60058	0.0109072	0.366446	-2.72892	0.0329167	0.456674	-2.18974	0.182421	0.641115	-1.55978	0.73475	0.898674	-1.11275	0.358774	0.743455	-1.34507	2.3119	3.61364	1.38939	1
cg20694303	LOC348926	0.126013	0.12743	0.433184	-2.30849	0.0940112	0.392775	-2.54599	0.220712	0.520251	-1.92215	0.722491	0.834452	-1.19839	0.0053235	0.155105	-6.44725	0.084047	0.379	-2.63853	0.418709	0.657451	-1.52103	0.28744	0.570878	-1.75169	0.324946	0.596961	-1.67515	2.31189	9.43206	3.62649	1
cg24044043	SPRED2	0.126021	0.320789	0.824476	-1.21289	0.180326	1.30693	1.30693	0.225865	1.27034	1.27034	0.2474	1.25551	1.25551	0.639145	1.09292	1.09292	0.149903	0.747937	-1.33701	0.017125	0.578853	-1.72756	0.487851	0.875809	-1.1418	0.852853	1.03555	1.03555	2.31183	1.29613	0.498358	1
cg20862097	DAAM2	0.126021	0.43887	1.90817	1.90817	0.219714	2.87525	2.87525	0.713536	1.35222	1.35222	0.0695389	5.26606	5.26606	0.879802	0.883523	-1.13183	0.0688859	5.29146	5.29146	0.0169815	10.8303	10.8303	0.0355933	7.40331	7.40331	0.181792	3.18967	3.18967	2.31182	24.5216	9.4285	1
cg16510070	IL21R;IL21R;IL21R;IL21R	0.126022	0.0195964	0.155627	-6.4256	0.372406	0.546592	-1.82952	0.0327957	0.192586	-5.19249	0.160569	0.372052	-2.6878	0.135684	0.346215	-2.88838	0.359565	0.537211	-1.86147	0.936165	1.05426	1.05426	0.0621105	0.250221	-3.99646	0.0843307	0.283784	-3.5238	2.31181	15.9307	6.12534	1
cg24334632	LEPREL1;LEPREL1	0.126024	0.649454	1.08647	1.08647	0.351059	0.840334	-1.19	0.554003	0.897183	-1.1146	0.0548674	0.673921	-1.48385	0.0142106	1.73021	1.73021	0.183082	1.29181	1.29181	0.88983	1.02544	1.02544	0.855066	0.967403	-1.0337	0.57528	1.10805	1.10805	2.3118	1.20277	0.462467	1
cg16875629	NFKBID	0.12603	0.146264	0.429858	-2.32635	0.427153	1.55103	1.55103	0.920247	1.05571	1.05571	0.39848	0.626263	-1.59677	0.0912953	0.365398	-2.73675	0.484953	0.681008	-1.46841	0.0100036	0.171964	-5.81518	0.132502	0.415285	-2.40798	0.118192	0.399174	-2.50518	2.31175	10.7303	4.12589	1
cg01597135	SCARNA20;USP32	0.126031	0.974141	0.994416	-1.00561	0.149868	0.765921	-1.30562	0.639848	1.08481	1.08481	0.213134	1.25418	1.25418	0.308137	1.19988	1.19988	0.0314273	1.54644	1.54644	0.032699	1.53985	1.53985	0.711058	1.06638	1.06638	0.303562	0.831876	-1.2021	2.31174	1.09249	0.420072	1
cg16119246	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.126033	0.865293	0.968688	-1.03232	0.178225	1.30737	1.30737	0.0483045	0.655213	-1.52622	0.461831	1.15068	1.15068	0.874767	0.97088	-1.02999	0.776096	1.05488	1.05488	0.0184957	0.585504	-1.70793	0.28618	1.23064	1.23064	0.385713	0.846522	-1.1813	2.31173	1.28536	0.494237	1
cg11086127	PTPRA;PTPRA;PTPRA	0.126033	0.74778	1.12882	1.12882	0.710631	0.869392	-1.15023	0.639895	0.837808	-1.19359	0.890608	0.949631	-1.05304	0.499513	0.773032	-1.29361	0.789119	1.10592	1.10592	0.286716	1.5151	1.5151	0.515767	1.2808	1.2808	0.00362846	0.228036	-4.38526	2.31172	5.16418	1.9857	1
cg04521543	TMEM18	0.126034	0.707359	0.855346	-1.16912	0.30057	1.55961	1.55961	0.0390457	0.371702	-2.69033	0.217212	1.71242	1.71242	0.949755	0.974228	-1.02645	0.78698	0.893844	-1.11876	0.255404	0.611438	-1.63549	0.0243435	3.03999	3.03999	0.577944	1.26222	1.26222	2.31172	6.28487	2.41662	1
cg00743540	IL17RD	0.126034	0.0356224	0.703359	-1.42175	0.647744	0.935956	-1.06843	0.131479	0.791145	-1.26399	0.494974	0.905108	-1.10484	0.029566	0.691701	-1.44571	0.525502	0.911591	-1.09698	0.42668	1.12387	1.12387	0.852602	0.973594	-1.02712	0.0295107	0.691584	-1.44596	2.31172	0.75792	0.291431	1
cg18754370	GATAD2A	0.126034	0.271322	0.824996	-1.21213	0.817656	1.03956	1.03956	0.0496433	1.45676	1.45676	0.947342	1.01116	1.01116	0.226016	0.807696	-1.23809	0.232927	1.23382	1.23382	0.137048	0.764105	-1.30872	0.0498564	0.686764	-1.4561	0.300021	0.834919	-1.19772	2.31172	1.03321	0.397283	1
cg14412317	PTPRN2;PTPRN2;PTPRN2	0.126037	0.563772	0.874465	-1.14356	0.938147	0.982319	-1.018	0.259014	1.31086	1.31086	0.982566	1.00504	1.00504	0.0048612	0.4239	-2.35905	0.436213	0.833116	-1.20031	0.123	0.681076	-1.46826	0.740631	1.07935	1.07935	0.936862	0.981954	-1.01838	2.3117	1.93439	0.743809	1
cg01523860	UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.126037	0.925418	0.989236	-1.01088	0.817245	1.02712	1.02712	0.0425498	1.30987	1.30987	0.672432	0.952031	-1.05039	0.531112	1.07609	1.07609	0.25523	0.871709	-1.14717	0.239463	0.867286	-1.15302	0.83238	1.0248	1.0248	0.0140217	1.41996	1.41996	2.31169	0.489168	0.188095	1
cg17804100	HIVEP3;HIVEP3	0.126038	0.519978	0.754147	-1.326	0.0176908	0.287016	-3.48413	0.00919264	0.239098	-4.18238	0.428916	0.705123	-1.41819	0.361547	0.666456	-1.50048	0.399493	0.688552	-1.45232	0.717114	1.17049	1.17049	0.835404	1.09419	1.09419	0.832336	0.912358	-1.09606	2.31169	6.85315	2.63517	1
cg13910439	SMARCA2;SMARCA2	0.126039	0.28367	0.72028	-1.38835	0.0230584	2.2268	2.2268	0.269513	1.40316	1.40316	0.883605	0.957764	-1.0441	0.969893	1.01118	1.01118	0.129275	1.62068	1.62068	0.227296	1.45263	1.45263	0.141535	1.5931	1.5931	0.139248	0.625768	-1.59804	2.31168	3.17706	1.22165	1
cg00588090	PUS1;PUS1;PUS1	0.126041	0.0734838	0.285662	-3.50064	0.104685	3.04487	3.04487	0.0932586	3.18748	3.18748	0.255939	0.474934	-2.10556	0.0536217	0.252575	-3.95921	0.891116	0.917598	-1.0898	0.397695	0.580592	-1.72238	0.766549	0.829498	-1.20555	0.364073	0.556765	-1.79609	2.31166	14.4326	5.54969	1
cg18959473	USP14;USP14	0.126043	0.369629	0.854944	-1.16967	0.837064	0.965581	-1.03565	0.202328	0.795359	-1.25729	0.966381	1.00719	1.00719	0.353636	1.17625	1.17625	0.133359	1.31707	1.31707	0.0155733	1.65622	1.65622	0.0824731	1.38703	1.38703	0.38067	1.16527	1.16527	2.31164	1.05922	0.4073	1
cg13720865	KCNT1	0.126043	0.642458	0.841301	-1.18864	0.83069	0.92391	-1.08236	0.0187794	0.349119	-2.86435	0.753314	0.890006	-1.12359	0.340446	0.695512	-1.43779	0.223538	1.60426	1.60426	0.182751	0.592991	-1.68637	0.0513791	2.27016	2.27016	0.71004	0.871066	-1.14802	2.31164	5.00143	1.92318	1
cg10121113	LZTS1	0.126045	0.503966	1.26507	1.26507	0.0678166	2.03248	2.03248	0.879988	1.05378	1.05378	0.115377	1.8103	1.8103	0.104079	1.85179	1.85179	0.143326	1.72511	1.72511	0.171073	1.65751	1.65751	0.0077126	3.27674	3.27674	0.253053	1.51271	1.51271	2.31162	4.4012	1.69239	1
cg23233631	MGRN1;MGRN1;MGRN1;MGRN1	0.126045	0.874779	1.03002	1.03002	0.16794	0.759111	-1.31733	0.213892	0.782359	-1.27819	0.979975	0.995304	-1.00472	0.426222	1.1646	1.1646	0.0220385	1.67368	1.67368	0.0418817	1.55241	1.55241	0.996132	1.00091	1.00091	0.332116	1.20641	1.20641	2.31162	1.28772	0.495168	1
cg10629806	TRAPPC9;TRAPPC9	0.126048	0.11147	0.671749	-1.48865	0.0160495	0.50847	-1.96669	0.299816	0.781454	-1.27967	0.391373	0.817465	-1.22329	0.108331	0.668962	-1.49485	0.181932	1.38426	1.38426	0.533241	1.15584	1.15584	0.347035	0.800734	-1.24885	0.219471	0.743524	-1.34495	2.3116	1.92833	0.741508	1
cg08817443	HTATSF1;HTATSF1;HTATSF1	0.126048	0.26204	0.592908	-1.6866	0.145061	0.49686	-2.01264	0.483906	1.37433	1.37433	0.0697845	2.4752	2.4752	0.150581	0.502262	-1.99099	0.0789558	0.418167	-2.39139	0.653398	0.817074	-1.22388	0.228109	1.76018	1.76018	0.273001	1.66513	1.66513	2.3116	7.31352	2.8123	1
cg27303654	ITGB1BP3	0.12605	0.892483	1.02517	1.02517	0.158376	1.31933	1.31933	0.612024	1.09856	1.09856	0.467487	0.872952	-1.14554	0.506045	0.883373	-1.13202	0.0207566	0.599513	-1.66802	0.0522414	0.666467	-1.50045	0.855852	1.03398	1.03398	0.204731	1.27882	1.27882	2.31158	1.23657	0.475507	1
cg21011616	HOXD4	0.126052	0.0234813	10.2932	10.2932	0.795639	0.799629	-1.25058	0.74505	0.754953	-1.32459	0.848053	0.847675	-1.1797	0.153809	3.72664	3.72664	0.29992	0.396338	-2.5231	0.0519853	6.71761	6.71761	0.0650178	5.95929	5.95929	0.722855	1.35904	1.35904	2.31156	27.1728	10.449	1
cg24187437	GTPBP8;GTPBP8	0.126057	0.0244875	2.26786	2.26786	0.255629	0.695859	-1.43707	0.908656	1.03569	1.03569	0.18693	1.53331	1.53331	0.814462	0.93069	-1.07447	0.838464	0.939536	-1.06436	0.0318432	0.463645	-2.15682	0.439057	0.785728	-1.2727	0.87249	0.952107	-1.0503	2.31153	3.41788	1.31433	1
cg14558716	ATF1	0.126059	0.55091	0.807715	-1.23806	0.149119	0.578385	-1.72895	0.45089	0.761955	-1.31241	0.258632	1.51759	1.51759	0.00827488	0.302713	-3.30345	0.313434	0.691438	-1.44626	0.836685	0.929555	-1.07578	0.686452	0.866215	-1.15445	0.058576	0.469444	-2.13018	2.31151	4.5853	1.76327	1
cg09266206	LHX9	0.126062	0.0720297	0.493585	-2.02599	0.0572386	2.1305	2.1305	0.590147	1.2107	1.2107	0.798382	1.09418	1.09418	0.0530521	0.461651	-2.16614	0.0778803	0.50212	-1.99156	0.898852	1.04573	1.04573	0.744445	0.891357	-1.12188	0.381018	0.729105	-1.37155	2.31149	4.52608	1.74052	1
cg12893373	MINA;MINA;MINA	0.126063	0.0399633	0.235248	-4.25084	0.57006	0.704787	-1.41887	0.877953	0.910588	-1.09819	0.487199	0.650346	-1.53764	0.00559554	0.108884	-9.18406	0.864323	0.901007	-1.10987	0.643878	0.752963	-1.32809	0.723757	1.24147	1.24147	0.163697	0.404166	-2.47423	2.31147	13.6003	5.23006	1
cg05098471	MEIS1	0.126064	0.60406	0.904294	-1.10584	0.216723	0.778837	-1.28397	0.536084	1.12805	1.12805	0.580944	0.898333	-1.11317	0.0220301	1.69574	1.69574	0.954029	1.01115	1.01115	0.0324084	0.617773	-1.61872	0.642145	1.09417	1.09417	0.3604	1.19819	1.19819	2.31146	1.35373	0.520586	1
cg13703364	RUVBL1	0.126065	0.878022	1.05242	1.05242	0.27158	1.46335	1.46335	0.502585	0.797445	-1.25401	0.923686	0.96863	-1.03239	0.438733	0.768949	-1.30048	0.314829	0.707682	-1.41306	0.00489009	0.28917	-3.45818	0.347688	1.3794	1.3794	0.486175	0.790262	-1.2654	2.31146	4.05109	1.55787	1
cg17891495	TMEM198;CHPF	0.126066	0.210981	0.77462	-1.29096	0.0312655	1.63177	1.63177	0.0934506	1.42977	1.42977	0.908067	1.02264	1.02264	0.411792	1.17658	1.17658	0.485406	0.871652	-1.14725	0.06359	0.667547	-1.49802	0.661684	0.918215	-1.08907	0.587215	0.899232	-1.11206	2.31145	1.37456	0.528598	1
cg04850148	CCL4L2;CCL4L1	0.126068	0.0523648	0.146849	-6.80973	0.225286	0.330454	-3.02614	0.973042	1.02982	1.02982	0.393169	2.13939	2.13939	0.217547	3.08919	3.08919	0.111926	0.222003	-4.50444	0.289099	0.384132	-2.60327	0.0276053	0.103855	-9.62877	0.349168	0.432592	-2.31165	2.31143	27.6742	10.6425	1
cg15638882	MTMR7	0.126069	0.419815	0.682811	-1.46453	0.290521	0.601845	-1.66156	0.920229	0.954691	-1.04746	0.335119	0.63122	-1.58423	0.00987458	0.221087	-4.52311	0.0482107	0.351673	-2.84355	0.688808	1.20483	1.20483	0.335973	1.58287	1.58287	0.198675	0.533266	-1.87524	2.31143	7.84374	3.01641	1
cg04517258	LOC100133669	0.126079	0.163537	0.628412	-1.59131	0.782392	0.917133	-1.09035	0.231219	0.67547	-1.48045	0.493214	0.804603	-1.24285	0.0408149	0.478229	-2.09105	0.615752	1.17128	1.17128	0.958422	1.01642	1.01642	0.00711269	0.337474	-2.96319	0.426068	0.775753	-1.28907	2.31134	3.57309	1.37413	1
cg25654326	CCNY	0.126079	0.0697686	0.172133	-5.80946	0.573914	0.610826	-1.63713	0.117803	0.229087	-4.36515	0.953908	1.05143	1.05143	0.0243812	0.0975391	-10.2523	0.308407	0.400641	-2.496	0.0415355	0.130141	-7.68395	0.0697282	0.172079	-5.81128	0.0860232	0.192835	-5.18579	2.31134	27.5565	10.5976	1
cg03806095	GPR124	0.12608	0.0434625	55.1302	55.1302	0.0730446	31.5752	31.5752	0.139743	15.5481	15.5481	0.10243	21.8907	21.8907	0.0443811	53.9075	53.9075	0.0593999	39.4361	39.4361	0.108791	20.4958	20.4958	0.873624	0.759675	-1.31635	0.999483	1.00112	1.00112	2.31134	109.151	41.9772	1
cg09436823	FTCD;FTCD	0.126083	0.264825	0.711715	-1.40506	0.960322	0.985547	-1.01466	0.42661	0.788562	-1.26813	0.511901	1.2149	1.2149	0.0279035	0.46754	-2.13885	0.409301	0.781183	-1.28011	0.594722	0.854593	-1.17015	0.0210989	2.25159	2.25159	0.893738	1.03988	1.03988	2.31131	3.13466	1.20553	1
cg13784237	KCNIP3	0.126087	0.178497	0.679814	-1.47099	0.087995	1.66254	1.66254	0.781536	0.92769	-1.07795	0.0808015	0.592875	-1.6867	0.156556	0.664213	-1.50554	0.0535662	0.553277	-1.80741	0.226579	0.709787	-1.40887	0.151155	0.660132	-1.51485	0.142519	0.653376	-1.53051	2.31128	2.66836	1.02622	1
cg05699354	GNAL;CHMP1B;GNAL;GNAL	0.126087	0.405336	0.82251	-1.21579	0.535943	0.866016	-1.15471	0.066864	0.624067	-1.60239	0.0729399	0.63188	-1.58258	0.0353849	0.56992	-1.75463	0.0134929	0.495669	-2.01748	0.306293	0.784203	-1.27518	0.817867	1.05437	1.05437	0.541265	0.86768	-1.1525	2.31127	1.92808	0.741518	1
cg02275989	SMPDL3A	0.126087	0.485036	0.905393	-1.10449	0.0366959	1.40494	1.40494	0.0223628	1.46723	1.46723	0.855239	1.02591	1.02591	0.316573	1.15608	1.15608	0.366061	0.878026	-1.13892	0.174123	0.81667	-1.22448	0.721571	0.951113	-1.0514	0.740791	1.0476	1.0476	2.31127	0.718236	0.276226	1
cg02759751	MICALL2	0.126092	0.785528	1.09634	1.09634	0.00911356	3.05595	3.05595	0.0871312	1.89072	1.89072	0.953731	1.01976	1.01976	0.864701	0.944117	-1.05919	0.465399	1.28467	1.28467	0.0320338	2.33258	2.33258	0.203407	1.57253	1.57253	0.803665	1.08762	1.08762	2.31123	4.16186	1.60063	1
cg03703833	CTR9	0.126095	0.744943	1.05859	1.05859	0.484914	0.883561	-1.13178	0.178041	0.779091	-1.28355	0.509628	1.12376	1.12376	0.473118	0.880491	-1.13573	0.444719	1.14556	1.14556	0.00468377	0.519064	-1.92654	0.896771	0.977613	-1.0229	0.593414	1.09856	1.09856	2.31121	1.11368	0.42832	1
cg01824172	HIPK2;HIPK2	0.126096	0.057794	0.396975	-2.51905	0.237362	0.586755	-1.70429	0.647111	0.819947	-1.21959	0.964213	1.01951	1.01951	0.0251066	0.317441	-3.1502	0.258639	0.601925	-1.66134	0.0210589	0.302678	-3.30385	0.636715	1.22741	1.22741	0.184653	0.545532	-1.83307	2.3112	6.79006	2.61146	1
cg02057688	MYLK4	0.1261	0.88377	0.946181	-1.05688	0.424055	1.36173	1.36173	0.578764	1.23626	1.23626	0.885462	1.05602	1.05602	0.0195748	0.344103	-2.9061	0.0141136	0.318038	-3.14428	0.470929	0.757781	-1.31964	0.844515	0.928433	-1.07708	0.291095	0.6608	-1.51332	2.31117	5.23497	2.0134	1
cg03569564	NAPRT1	0.126102	0.0562703	0.67857	-1.47369	0.120416	0.739214	-1.35279	0.331164	0.835388	-1.19705	0.643947	0.919903	-1.08707	0.456069	0.872695	-1.14588	0.912602	1.01989	1.01989	0.0155915	1.70226	1.70226	0.759626	0.946437	-1.05659	0.735702	0.941037	-1.06266	2.31115	1.17782	0.452998	1
cg10779588	ZNF808	0.126103	0.113275	0.687652	-1.45422	0.11984	1.44294	1.44294	0.0653902	1.56739	1.56739	0.189266	0.739217	-1.35278	0.493692	0.859822	-1.16303	0.118435	1.4453	1.4453	0.51526	0.866441	-1.15415	0.406978	1.2024	1.2024	0.231659	1.31336	1.31336	2.31114	1.72815	0.664663	1
cg03836171	C7orf50;C7orf50;C7orf50	0.126103	0.656281	1.13546	1.13546	0.0664177	0.557762	-1.79288	0.154185	0.648821	-1.54126	0.935678	0.977369	-1.02315	0.197104	1.47215	1.47215	0.209871	1.45467	1.45467	0.0288399	2.07708	2.07708	0.636966	1.14433	1.14433	0.478302	0.815104	-1.22684	2.31114	2.94403	1.1323	1
cg10737118	SLC32A1	0.126106	0.503412	0.890301	-1.12322	0.351472	0.848672	-1.17831	0.15253	1.2998	1.2998	0.41446	0.866975	-1.15344	0.519409	0.894263	-1.11824	0.959946	0.991443	-1.00863	0.0893835	0.725789	-1.37781	0.0138987	1.68208	1.68208	0.99013	1.00212	1.00212	2.31112	1.07174	0.412206	1
cg16845778	ZNF398;ZNF425	0.126109	0.62894	1.11788	1.11788	0.527831	1.15764	1.15764	0.114092	1.48197	1.48197	0.0664826	1.60157	1.60157	0.185538	0.725221	-1.37889	0.0432912	1.7023	1.7023	0.0619282	1.61784	1.61784	0.278115	1.29447	1.29447	0.472633	0.846047	-1.18197	2.31109	1.91707	0.737342	1
cg19332452	RTBDN;RTBDN	0.126111	0.551179	0.802238	-1.24651	0.2044	1.63136	1.63136	0.139548	1.78787	1.78787	0.242015	1.56438	1.56438	0.321985	0.688056	-1.45337	0.434195	0.747063	-1.33857	0.0476376	0.43703	-2.28817	0.0622082	2.15367	2.15367	0.504572	1.28076	1.28076	2.31108	4.88799	1.88002	1
cg25035101	PDE6B;PDE6B;PDE6B	0.126111	0.0217684	0.454114	-2.20209	0.0535115	0.533336	-1.87499	0.0792766	0.572096	-1.74796	0.879382	1.04449	1.04449	0.752035	1.09512	1.09512	0.972171	1.01005	1.01005	0.203276	1.46956	1.46956	0.84987	1.05582	1.05582	0.244072	0.705148	-1.41814	2.31107	3.00757	1.15678	1
cg03023237	CDH16	0.126112	0.47373	0.817284	-1.22357	0.183998	0.676871	-1.47739	0.103887	0.611143	-1.63628	0.970291	0.98974	-1.01037	0.101546	0.60871	-1.64282	0.336289	0.75992	-1.31593	0.796037	0.930783	-1.07436	0.00435841	0.34829	-2.87117	0.501427	0.827834	-1.20797	2.31106	2.80672	1.07953	1
cg18857467	HDAC1	0.126113	0.200927	0.443126	-2.25669	0.106292	0.345498	-2.89437	0.0743552	0.301794	-3.31351	0.540631	0.688503	-1.45243	0.0163435	0.170542	-5.86366	0.14923	0.393806	-2.53932	0.0721772	0.29844	-3.35076	0.975489	1.01868	1.01868	0.0552588	0.270002	-3.70368	2.31105	13.2891	5.11133	1
cg16065538	TMEM132E	0.126117	0.0382746	3.38352	3.38352	0.410008	1.53377	1.53377	0.818265	0.889726	-1.12394	0.209346	1.95762	1.95762	0.6789	1.23532	1.23532	0.936089	1.04155	1.04155	0.0497235	3.11552	3.11552	0.0142773	4.63696	4.63696	0.135074	2.26552	2.26552	2.31102	9.43282	3.62815	1
cg07231053	GALNT2	0.126117	0.0476663	0.357732	-2.79539	0.236431	0.569443	-1.7561	0.503798	0.734962	-1.36062	0.0703918	0.399331	-2.50419	0.0356265	0.32953	-3.03462	0.0864415	0.423294	-2.36242	0.0411736	0.343267	-2.91319	0.715692	0.847018	-1.18061	0.0697818	0.398348	-2.51037	2.31102	7.54089	2.90045	1
cg12442108	KRT80;KRT80	0.126119	0.0286223	0.468527	-2.13435	0.369797	0.763051	-1.31053	0.0379221	0.493281	-2.02724	0.201648	0.673076	-1.48572	0.0640879	0.542829	-1.8422	0.0871718	0.574326	-1.74117	0.904537	0.965385	-1.03586	0.0402444	0.498661	-2.00537	0.426535	0.787899	-1.2692	2.31101	3.1554	1.21367	1
cg00698584	OGFOD2;ABCB9;ABCB9	0.126125	0.179629	0.811299	-1.23259	0.155128	0.799936	-1.2501	0.362125	0.871589	-1.14733	0.625822	0.930436	-1.07476	0.445304	0.892115	-1.12093	0.0216014	0.66713	-1.49896	0.721705	1.05388	1.05388	0.120437	0.781033	-1.28036	0.0767441	1.33485	1.33485	2.31096	0.787917	0.303065	1
cg12931860	XCR1;XCR1	0.126129	0.629508	1.21741	1.21741	0.554459	0.785077	-1.27376	0.17217	0.555369	-1.80061	0.00701524	0.243938	-4.09941	0.498159	1.3209	1.3209	0.948854	0.974372	-1.0263	0.178445	1.7835	1.7835	0.719874	0.86438	-1.1569	0.296714	0.645418	-1.54938	2.31092	5.99451	2.30577	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09944400	TMCC3	0.126132	0.475378	1.50548	1.50548	0.115957	2.61957	2.61957	0.222589	0.485568	-2.05944	0.535862	1.42385	1.42385	0.0501319	0.283977	-3.52142	0.301737	1.8277	1.8277	0.126176	2.5412	2.5412	0.420165	0.628622	-1.59078	0.105487	2.70975	2.70975	2.3109	11.6275	4.47254	1
cg23470227	UNC13D	0.126134	0.0163154	0.337801	-2.96032	0.770863	1.11397	1.11397	0.536473	0.793468	-1.26029	0.74074	0.884514	-1.13056	0.032896	0.397635	-2.51487	0.64167	0.840962	-1.18912	0.111983	0.527484	-1.89579	0.0626148	0.46099	-2.16924	0.140683	0.556724	-1.79622	2.31088	4.99911	1.92292	1
cg06205746	ADPRHL1;ADPRHL1	0.126134	0.048766	0.227619	-4.39331	0.204922	0.414935	-2.41002	0.0476421	0.225462	-4.43534	0.162533	0.375109	-2.66589	0.0396573	0.209185	-4.78045	0.143127	0.35527	-2.81476	0.132055	0.343359	-2.9124	0.0380431	0.205661	-4.86236	0.113708	0.322451	-3.10124	2.31088	15.8291	6.08871	1
cg15920887	MSTN	0.126136	0.133584	0.298049	-3.35516	0.143594	0.308615	-3.24028	0.0943936	0.252698	-3.9573	0.398435	0.52373	-1.90938	0.0106366	0.0904562	-11.0551	0.331595	0.472652	-2.11572	0.0818996	0.236401	-4.23009	0.0592089	0.203207	-4.92108	0.131591	0.295904	-3.37948	2.31087	20.4835	7.8791	1
cg09260951	JOSD1	0.126137	0.0606716	0.781871	-1.27898	0.160608	0.839977	-1.19051	0.249267	1.1504	1.1504	0.357851	0.895821	-1.11629	0.644143	0.94732	-1.05561	0.0121379	0.695069	-1.43871	0.303775	0.883447	-1.13193	0.529204	1.07699	1.07699	0.390156	0.902621	-1.10788	2.31086	0.495444	0.190576	1
cg07971827	ACADSB	0.126139	0.0520024	0.758487	-1.31841	0.0108873	1.49143	1.49143	0.371001	1.12172	1.12172	0.447578	1.10163	1.10163	0.625811	0.9404	-1.06338	0.481355	0.914393	-1.09362	0.558278	1.07684	1.07684	0.942838	0.991073	-1.00901	0.770597	0.964099	-1.03724	2.31084	0.572245	0.22012	1
cg02320784	RASSF8;RASSF8;RASSF8	0.126141	0.385604	0.513871	-1.94601	0.013964	0.103051	-9.70396	0.212613	0.374332	-2.67143	0.287534	2.28544	2.28544	0.3726	0.504008	-1.9841	0.429843	0.54706	-1.82795	0.039523	0.168253	-5.94342	0.150472	0.315496	-3.16961	0.764778	1.25183	1.25183	2.31082	20.5049	7.88751	1
cg05928611	DDX59	0.126142	0.91062	0.986392	-1.0138	0.491452	1.089	1.089	0.00580141	1.55413	1.55413	0.402511	1.11019	1.11019	0.628205	1.06135	1.06135	0.843457	1.02442	1.02442	0.227836	0.856884	-1.16702	0.213445	1.17334	1.17334	0.338339	0.886545	-1.12797	2.31082	0.544843	0.209582	1
cg01907837	RNF8;RNF8	0.126144	0.445792	1.48101	1.48101	0.228604	0.528086	-1.89363	0.463735	0.686019	-1.45769	0.225486	0.525597	-1.9026	0.069344	0.358204	-2.7917	0.162561	0.470787	-2.1241	0.0141114	0.216374	-4.62162	0.307574	1.70523	1.70523	0.904939	1.06223	1.06223	2.3108	9.34479	3.59463	1
cg00059643	TRIM41;TRIM41	0.126144	0.675211	0.925001	-1.08108	0.00371384	0.484241	-2.06509	0.44275	0.865209	-1.15579	0.257963	1.24406	1.24406	0.766955	0.946502	-1.05652	0.457356	1.1503	1.1503	0.843221	0.96403	-1.03731	0.995647	1.00101	1.00101	0.877443	1.02896	1.02896	2.3108	1.25258	0.481828	1
cg06860422	NARFL	0.126146	0.163465	0.739444	-1.35237	0.7021	1.08112	1.08112	0.502645	0.871031	-1.14807	0.550111	0.884512	-1.13057	0.554579	0.885755	-1.12898	0.823117	1.04649	1.04649	0.0147809	1.83825	1.83825	0.799609	0.949682	-1.05298	0.0461599	0.628948	-1.58996	2.31078	1.50761	0.579931	1
cg01697163	SH3BP1	0.126146	0.194234	0.591516	-1.69057	0.011746	3.33127	3.33127	0.43563	1.35538	1.35538	0.442494	0.741278	-1.34902	0.614461	0.823508	-1.21432	0.997627	0.998864	-1.00114	0.331664	1.46655	1.46655	0.220402	1.63654	1.63654	0.19384	0.591209	-1.69145	2.31078	5.34929	2.05771	1
cg19375403	C1orf174	0.126148	0.778007	1.11975	1.11975	0.0102583	0.273944	-3.65038	0.553282	0.786624	-1.27126	0.111934	1.99916	1.99916	0.639547	1.20776	1.20776	0.249686	1.61841	1.61841	0.755151	1.13337	1.13337	0.176772	1.77645	1.77645	0.906444	1.04817	1.04817	2.31077	5.86123	2.25466	1
cg20986076	SIKE1;SIKE1	0.126149	0.908366	0.958435	-1.04337	0.461261	1.31858	1.31858	0.0300191	0.390202	-2.56278	0.919248	1.0381	1.0381	0.57224	1.23419	1.23419	0.183518	1.68251	1.68251	0.0345962	0.403141	-2.48052	0.386696	0.720964	-1.38703	0.135837	0.552871	-1.80874	2.31076	4.97527	1.91386	1
cg08216291	SFXN2;ARL3	0.12615	0.0547778	1.6206	1.6206	0.171831	1.38038	1.38038	0.236907	1.31606	1.31606	0.0349492	0.580031	-1.72405	0.284786	1.27921	1.27921	0.574338	0.881812	-1.13403	0.593613	0.88748	-1.12679	0.292642	0.785083	-1.27375	0.584763	1.13009	1.13009	2.31075	1.79762	0.6915	1
cg26327804	KCNK9	0.126154	0.234773	2.07608	2.07608	0.040348	4.01125	4.01125	0.654288	1.30263	1.30263	0.927319	1.05497	1.05497	0.813698	1.14851	1.14851	0.0322281	4.35411	4.35411	0.159528	0.414085	-2.41497	0.0539774	3.60779	3.60779	0.985003	0.989036	-1.01109	2.31071	12.5907	4.8434	1
cg10655144	TAAR3	0.126156	0.0383489	0.186073	-5.37425	0.136196	0.324625	-3.08047	0.382368	0.533795	-1.87338	0.807127	1.18696	1.18696	0.0120355	0.111414	-8.97554	0.768287	1.23	1.23	0.183484	0.371998	-2.68819	0.892231	1.09964	1.09964	0.149538	0.338654	-2.95287	2.3107	17.969	6.91239	1
cg18106186	IGSF21	0.126161	0.464737	1.17823	1.17823	0.236113	1.31477	1.31477	0.905474	0.974154	-1.02653	0.111055	1.46618	1.46618	0.0511976	1.63139	1.63139	0.0271399	1.77983	1.77983	0.149	1.40654	1.40654	0.302771	0.790331	-1.26529	0.396219	0.825711	-1.21108	2.31066	1.77815	0.684038	1
cg07041218	MAP3K7IP2;MAP3K7IP2	0.126164	0.598388	1.3201	1.3201	0.475695	0.684581	-1.46075	0.231074	1.92777	1.92777	0.648605	1.27088	1.27088	0.0549077	0.320654	-3.11863	0.00908699	0.176941	-5.65161	0.996379	0.997632	-1.00237	0.55693	0.733154	-1.36397	0.91535	1.05712	1.05712	2.31063	9.98988	3.84306	1
cg05930186	TP53BP2;TP53BP2	0.126165	0.362385	1.33632	1.33632	0.022932	0.43055	-2.32261	0.125796	0.598685	-1.67033	0.729876	0.898216	-1.11332	0.593051	1.18182	1.18182	0.667614	0.874776	-1.14315	0.0437536	2.04998	2.04998	0.537138	1.21352	1.21352	0.65621	1.14884	1.14884	2.31063	3.50969	1.35016	1
cg24143137	PITX3	0.126166	0.172555	0.690989	-1.4472	0.543471	0.855064	-1.1695	0.0274741	0.514807	-1.94247	0.190964	0.702888	-1.4227	0.0305466	0.523563	-1.90999	0.0648004	0.589756	-1.69562	0.0361562	0.537756	-1.85958	0.866896	0.95819	-1.04363	0.357489	0.785889	-1.27244	2.31061	2.37232	0.912628	1
cg05021798	NOG	0.126167	0.096035	0.712155	-1.40419	0.166254	1.31541	1.31541	0.0354228	1.57595	1.57595	0.501116	0.880901	-1.1352	0.867154	0.969387	-1.03158	0.170766	0.762705	-1.31112	0.09442	0.710744	-1.40698	0.508226	0.882806	-1.13275	0.704042	0.931575	-1.07345	2.31061	1.26216	0.485551	1
cg15066837	GNAI1	0.126168	0.0260529	0.12433	-8.04308	0.979238	0.979667	-1.02075	0.671348	1.40061	1.40061	0.235335	0.374631	-2.6693	0.0475807	0.167183	-5.98145	0.0406941	0.154848	-6.45796	0.109863	0.252639	-3.95821	0.657995	0.703497	-1.42147	0.114437	0.257859	-3.8781	2.3106	22.804	8.77271	1
cg09264140	FMNL1	0.126171	0.992434	1.00167	1.00167	0.699251	0.934001	-1.07066	0.0155663	0.593479	-1.68498	0.0270802	0.631131	-1.58446	0.365596	0.84917	-1.17762	0.372271	0.851197	-1.17482	0.182827	0.779874	-1.28226	0.0361538	0.651464	-1.535	0.763659	0.948345	-1.05447	2.31058	1.132	0.435485	1
cg20748559	MAP4K1;MAP4K1	0.126172	0.630996	0.803932	-1.24389	0.248774	1.72228	1.72228	0.0564762	0.377648	-2.64797	0.299376	0.615687	-1.6242	0.0316707	0.321123	-3.11407	0.0451868	0.354786	-2.8186	0.0896419	0.43007	-2.3252	0.935076	0.963927	-1.03742	0.523001	0.746829	-1.33899	2.31057	7.44164	2.86284	1
cg15939899	KIF7	0.126172	0.401258	0.930049	-1.07521	0.280559	1.0993	1.0993	0.63772	1.04085	1.04085	0.0443323	0.822867	-1.21526	0.0546428	0.831935	-1.20202	0.864304	1.01454	1.01454	0.433792	1.06974	1.06974	0.0339489	0.811423	-1.2324	0.981839	1.00192	1.00192	2.31057	0.260719	0.1003	1
cg19753526	FHL2;FHL2;FHL2;FHL2;FHL2;FHL2	0.126173	0.0277949	40.2494	40.2494	0.947399	0.910512	-1.09828	0.96866	1.05741	1.05741	0.995196	1.00859	1.00859	0.482117	0.362352	-2.75975	0.5516	0.424919	-2.35339	0.870124	0.792543	-1.26176	0.00893259	112.859	112.859	0.757676	1.55231	1.55231	2.31056	73.8838	28.4236	1
cg12947507	YEATS2	0.126177	0.555434	1.11274	1.11274	0.396178	1.1684	1.1684	0.0594146	1.46396	1.46396	0.184098	0.776949	-1.28709	0.19266	0.781164	-1.28014	0.939666	0.986532	-1.01365	0.0225612	1.63108	1.63108	0.543381	1.11648	1.11648	0.197591	1.27628	1.27628	2.31052	1.17405	0.451674	1
cg22711741	AURKC;AURKC;AURKC;AURKC;AURKC;AURKC	0.126177	0.158992	3.02981	3.02981	0.304935	2.18648	2.18648	0.682941	1.35311	1.35311	0.0947993	3.86504	3.86504	0.14672	3.14855	3.14855	0.116639	0.284973	-3.5091	0.0165061	8.64452	8.64452	0.316331	2.14436	2.14436	0.475359	1.70659	1.70659	2.31052	19.8422	7.63358	1
cg22130808	HRK	0.126178	0.310041	0.520999	-1.91939	0.0202572	5.68319	5.68319	0.353182	1.80934	1.80934	0.0198681	5.72658	5.72658	0.437507	0.611651	-1.63492	0.6065	0.724341	-1.38057	0.889134	1.09043	1.09043	0.646178	1.33231	1.33231	0.963284	1.02898	1.02898	2.31051	14.0982	5.4238	1
cg14665951	SLC4A3;SLC4A3	0.126182	0.605161	0.882191	-1.13354	0.454953	1.20071	1.20071	0.667717	1.10937	1.10937	0.796542	0.939791	-1.06407	0.0145295	0.485012	-2.0618	0.45254	0.831993	-1.20193	0.382566	0.806364	-1.24013	0.145729	0.68701	-1.45558	0.0633555	1.65174	1.65174	2.31049	2.11379	0.813218	1
cg18376352	CRLF1	0.126182	0.481542	0.733515	-1.3633	0.192353	1.81804	1.81804	0.824267	0.908151	-1.10114	0.240446	1.70303	1.70303	0.201994	0.557883	-1.79249	0.461863	0.722907	-1.3833	0.090422	0.445644	-2.24394	0.0493334	0.378387	-2.64279	0.104941	2.15453	2.15453	2.31048	6.86705	2.64189	1
cg27624471	NFATC1;NFATC1;NFATC1;NFATC1	0.126182	0.0928955	0.253468	-3.94528	0.446496	1.77902	1.77902	0.893986	0.905758	-1.10405	0.45171	0.565962	-1.7669	0.0543397	0.197715	-5.0578	0.402235	0.529175	-1.88973	0.0179318	0.118187	-8.46116	0.0485598	0.187726	-5.32692	0.331982	0.475668	-2.10231	2.31048	20.1682	7.75911	1
cg22112083	NRG4	0.126186	0.583842	0.792847	-1.26128	0.442861	0.720139	-1.38862	0.00521071	0.212908	-4.69686	0.0487983	0.388991	-2.57075	0.182857	0.552602	-1.80962	0.199832	0.566473	-1.76531	0.885811	0.941486	-1.06215	0.201562	0.567846	-1.76104	0.2929	0.63264	-1.58068	2.31045	6.443	2.47878	1
cg14009900	AUH	0.126187	0.381336	0.594966	-1.68077	0.0569535	3.47558	3.47558	0.0665492	3.28629	3.28629	0.58163	1.37965	1.37965	0.0343575	0.23994	-4.16771	0.406974	1.63322	1.63322	0.918815	0.942745	-1.06073	0.90299	0.931914	-1.07306	0.376365	0.591569	-1.69042	2.31044	12.2373	4.70804	1
cg14308624	STON1-GTF2A1L	0.126196	0.299396	0.835651	-1.19667	0.316547	0.841254	-1.1887	0.0212289	0.629783	-1.58785	0.710106	0.93957	-1.06432	0.05771	0.698895	-1.43083	0.968013	0.993328	-1.00672	0.52824	1.11257	1.11257	0.0934292	1.36075	1.36075	0.303642	0.837058	-1.19466	2.31036	1.01977	0.392346	1
cg23125267	FLJ30058	0.126198	0.104588	2.48904	2.48904	0.636109	0.782707	-1.27762	0.891433	0.932208	-1.07272	0.172006	0.473631	-2.11135	0.413225	0.65051	-1.53725	0.0302736	3.70362	3.70362	0.0498058	3.15864	3.15864	0.694975	1.22454	1.22454	0.542916	0.728647	-1.37241	2.31035	9.66846	3.71986	1
cg02543506	FAM83C	0.126199	0.800063	0.86166	-1.16055	0.916977	0.940657	-1.06309	0.0732952	0.309824	-3.22764	0.271685	0.511027	-1.95684	0.0177294	0.184175	-5.42963	0.929579	0.949463	-1.05323	0.0358016	0.238572	-4.1916	0.314037	0.542872	-1.84206	0.0476665	0.264813	-3.77625	2.31034	12.5953	4.84595	1
cg14438609	PRKD1	0.126201	0.822502	1.01933	1.01933	0.642229	0.960925	-1.04066	0.215871	1.11735	1.11735	0.13442	1.14741	1.14741	0.0941745	1.16973	1.16973	0.794099	1.02253	1.02253	0.0489029	0.825649	-1.21117	0.473121	0.93973	-1.06414	0.0526484	1.20645	1.20645	2.31032	0.265567	0.102176	1
cg24515095	BAT1;BAT1	0.126202	0.565913	1.27904	1.27904	0.104192	2.12411	2.12411	0.0802591	2.27718	2.27718	0.967242	0.982735	-1.01757	0.0608921	0.40822	-2.44966	0.0840678	0.444579	-2.24932	0.20378	0.566186	-1.7662	0.559211	1.28462	1.28462	0.807141	1.10929	1.10929	2.31031	6.58085	2.53197	1
cg23342516	PRDM12	0.126203	0.78905	0.963375	-1.03802	0.241327	1.18609	1.18609	0.547104	0.918712	-1.08848	0.239096	0.842359	-1.18714	0.33083	0.869691	-1.14983	0.527336	0.914743	-1.0932	0.00382299	0.581227	-1.7205	0.710415	0.949428	-1.05327	0.897365	0.982203	-1.01812	2.3103	0.708429	0.272568	1
cg03328201	MIR130B	0.126207	0.0647276	0.319934	-3.12564	0.022352	0.222325	-4.49793	0.231799	0.502125	-1.99153	0.417168	0.634145	-1.57693	0.0419136	0.275838	-3.62532	0.109215	0.383109	-2.61022	0.033677	0.25597	-3.9067	0.474444	0.670599	-1.4912	0.658588	0.783274	-1.27669	2.31027	11.041	4.24808	1
cg23261154	RPTOR;RPTOR	0.126208	0.20806	1.3556	1.3556	0.0118846	2.05385	2.05385	0.641415	1.1135	1.1135	0.0860992	0.647461	-1.5445	0.221813	0.745031	-1.34223	0.594258	0.884056	-1.13115	0.867629	1.03898	1.03898	0.668025	0.905842	-1.10395	0.874475	0.964412	-1.0369	2.31026	1.92235	0.739635	1
cg10486909	COG3	0.126215	0.661397	0.917031	-1.09048	0.0569191	0.654802	-1.52718	0.411569	1.1794	1.1794	0.43819	0.856068	-1.16813	0.0325555	1.63503	1.63503	0.76337	0.942389	-1.06113	0.260462	0.794007	-1.25944	0.823066	0.956942	-1.045	0.0846917	1.4546	1.4546	2.31021	1.4131	0.543712	1
cg26934402	PRSS33	0.126218	0.706308	0.878222	-1.13866	0.323992	0.705103	-1.41823	0.451419	0.768596	-1.30107	0.110019	1.81763	1.81763	0.400947	0.744597	-1.34301	0.145106	1.71043	1.71043	0.0832128	0.51795	-1.93069	0.0692862	0.498018	-2.00796	0.177265	1.63543	1.63543	2.31018	4.30524	1.65653	1
cg10805956	ISG20L2;ISG20L2;C1orf66;C1orf66	0.126221	0.0161906	0.238544	-4.1921	0.0768667	0.383415	-2.60814	0.0655827	0.36536	-2.73703	0.195609	0.513307	-1.94815	0.0758314	0.381835	-2.61893	0.50862	0.721285	-1.38641	0.0724696	0.376606	-2.6553	0.115798	0.434787	-2.29998	0.169705	0.490325	-2.03947	2.31016	8.68616	3.34221	1
cg20822109	MCF2L2	0.126221	0.739755	0.910804	-1.09793	0.465807	0.812198	-1.23123	0.161911	0.657991	-1.51978	0.0136539	0.425314	-2.35121	0.192079	0.679099	-1.47254	0.600163	0.862234	-1.15978	0.138171	1.56423	1.56423	0.331866	1.32389	1.32389	0.446168	1.24313	1.24313	2.31016	2.8738	1.10577	1
cg19325359	EED;EED	0.126221	0.668429	1.66593	1.66593	0.731026	1.50495	1.50495	?	?	?	0.0147914	0.0286482	-34.9062	0.103237	0.121102	-8.25752	?	?	?	0.472917	2.37439	2.37439	0.465243	2.4117	2.4117	0.450744	2.48497	2.48497	2.35833	40.7623	19.7536	1
cg14212953	TMEM107;TMEM107	0.126222	0.886171	1.03297	1.03297	0.0351505	1.74329	1.74329	0.379141	1.22671	1.22671	0.168056	0.716976	-1.39475	0.142734	0.699924	-1.42873	0.350439	0.804399	-1.24316	0.564914	0.876541	-1.14085	0.054277	1.63991	1.63991	0.675672	1.09998	1.09998	2.31015	1.87659	0.722065	1
cg25076408	TULP4;TULP4	0.126222	0.824266	0.917978	-1.08935	0.0311461	2.6467	2.6467	0.162944	1.77375	1.77375	0.245439	1.59597	1.59597	0.654562	1.18922	1.18922	0.169867	1.75524	1.75524	0.0169323	3.0676	3.0676	0.0595936	2.26619	2.26619	0.176147	1.73918	1.73918	2.31015	5.41759	2.08456	1
cg05550349	NEU1	0.126223	0.938697	1.01854	1.01854	0.429292	1.21249	1.21249	0.035934	0.558375	-1.79091	0.422796	0.822413	-1.21593	0.451303	0.832549	-1.20113	0.0202733	0.512565	-1.95097	0.665794	0.901433	-1.10934	0.196012	0.721443	-1.38611	0.042444	0.572347	-1.74719	2.31014	2.08628	0.802752	1
cg22084642	DNAH1	0.126223	0.0613519	3.80436	3.80436	0.60193	1.39598	1.39598	0.124652	2.86836	2.86836	0.157064	2.6097	2.6097	0.190146	2.40972	2.40972	0.0955598	3.19178	3.19178	0.0118898	7.3163	7.3163	0.0738672	3.5355	3.5355	0.146872	2.68278	2.68278	2.31014	14.7	5.65623	1
cg16491305	TRAF5;TRAF5;TRAF5;TRAF5	0.126224	0.172867	1.43638	1.43638	0.382794	1.25037	1.25037	0.289195	1.31608	1.31608	0.844049	0.952021	-1.0504	0.555671	0.861744	-1.16044	0.212023	0.720226	-1.38845	0.00872566	0.434222	-2.30297	0.851145	1.04802	1.04802	0.4902	0.83948	-1.19121	2.31013	2.28022	0.877381	1
cg05043909	FLNC;FLNC	0.126227	0.210955	0.808604	-1.2367	0.759044	1.05084	1.05084	0.0566111	0.706221	-1.41599	0.974512	0.994864	-1.00516	0.719894	0.94361	-1.05976	0.0120279	1.65676	1.65676	0.512271	0.898412	-1.11308	0.665595	1.0726	1.0726	0.434749	0.87945	-1.13707	2.31011	0.950546	0.365754	1
cg03851975	TRPM8	0.12623	0.552713	1.15296	1.15296	0.012807	0.480621	-2.08064	0.171027	1.41259	1.41259	0.756015	1.07666	1.07666	0.216618	1.36085	1.36085	0.257623	1.32307	1.32307	0.387889	1.23334	1.23334	0.370102	1.24374	1.24374	0.315774	0.782074	-1.27865	2.31008	2.05474	0.790635	1
cg24362824	UPP2	0.12623	0.0634747	0.433422	-2.30722	0.385708	0.700282	-1.428	0.092091	0.475745	-2.10197	0.223517	0.599075	-1.66924	0.0249013	0.343202	-2.91374	0.0600225	0.427425	-2.33959	0.0602715	0.427866	-2.33718	0.0651832	0.436301	-2.29199	0.161281	0.549161	-1.82096	2.31008	5.87244	2.25963	1
cg06866712	PSD3	0.12623	0.319714	0.54533	-1.83375	0.0639473	3.41394	3.41394	0.0699832	3.30272	3.30272	0.523459	0.682967	-1.4642	0.157629	0.410233	-2.43764	0.403778	0.604228	-1.655	0.972253	1.02072	1.02072	0.0668967	3.3579	3.3579	0.469652	0.648051	-1.54309	2.31008	12.7229	4.89561	1
cg09870834	DGKQ	0.126231	0.0567001	0.51962	-1.92448	0.407927	0.773437	-1.29293	0.225296	0.679418	-1.47185	0.0762572	0.549551	-1.81967	0.0119929	0.38627	-2.58887	0.0524483	0.512041	-1.95297	0.976774	0.991203	-1.00887	0.45697	0.7946	-1.25849	0.182653	0.651011	-1.53607	2.31007	3.37024	1.29683	1
cg15010603	SNX13	0.126233	0.547902	1.26547	1.26547	0.418439	0.72605	-1.37731	0.573708	0.802433	-1.24621	0.781338	0.89786	-1.11376	0.0105543	0.287767	-3.47503	0.0818412	0.473969	-2.10984	0.394269	1.40194	1.40194	0.35089	1.45028	1.45028	0.155888	0.555522	-1.80011	2.31006	5.48502	2.11058	1
cg12601884	MINPP1	0.126233	0.200591	1.66576	1.66576	0.837285	1.08071	1.08071	0.227917	1.61241	1.61241	0.0145191	0.320918	-3.11606	0.704174	1.15487	1.15487	0.397508	1.38681	1.38681	0.091764	0.496211	-2.01527	0.442346	0.744025	-1.34404	0.561627	0.801297	-1.24798	2.31006	5.21277	2.00582	1
cg06479057	CCDC80;CCDC80	0.126239	0.666149	1.09334	1.09334	0.0498336	1.58393	1.58393	0.0389372	1.63462	1.63462	0.899027	0.97424	-1.02644	0.871718	1.03378	1.03378	0.510774	0.871856	-1.14698	0.0163709	1.82805	1.82805	0.992927	0.998179	-1.00182	0.646992	0.909564	-1.09943	2.31	1.54619	0.594975	1
cg00915372	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.12624	0.260323	1.5681	1.5681	0.00853215	3.61831	3.61831	0.0372528	2.5255	2.5255	0.138358	1.84287	1.84287	0.608577	1.21885	1.21885	0.940734	0.971912	-1.0289	0.218815	1.6414	1.6414	0.107863	1.95864	1.95864	0.614107	1.21508	1.21508	2.31	5.37118	2.06683	1
cg00303111	C10orf55;PLAU;PLAU	0.126241	0.696324	0.91708	-1.09042	0.991645	1.00231	1.00231	0.416419	0.832519	-1.20117	0.678137	1.09648	1.09648	0.826597	1.04961	1.04961	0.218901	0.751738	-1.33025	0.00320626	0.411546	-2.42986	0.579086	1.13163	1.13163	0.667428	0.90901	-1.1001	2.30999	1.7819	0.685678	1
cg00675429	WDR67;WDR67	0.126246	0.253818	1.17278	1.17278	0.171031	1.21524	1.21524	0.0835624	1.29195	1.29195	0.647708	0.940323	-1.06346	0.0965752	1.27634	1.27634	0.0291269	0.709005	-1.41043	0.716936	1.0499	1.0499	0.618979	1.06935	1.06935	0.246168	1.17611	1.17611	2.30995	0.65442	0.251827	1
cg00989142	COMMD7;COMMD7;COMMD7;COMMD7	0.126247	0.25569	1.53713	1.53713	0.0931639	1.95265	1.95265	0.0735612	2.06018	2.06018	0.645283	1.18287	1.18287	0.397834	1.36842	1.36842	0.503878	0.782113	-1.27859	0.601904	0.826382	-1.21009	0.0348748	0.410281	-2.43735	0.295955	0.675258	-1.48092	2.30994	4.80258	1.84808	1
cg27584546	LCOR;LCOR;LCOR	0.126251	0.0138521	0.27025	-3.70027	0.751235	1.14663	1.14663	0.379483	0.678493	-1.47385	0.318187	0.641548	-1.55873	0.0836318	0.438783	-2.27903	0.222278	0.575893	-1.73643	0.140708	0.505738	-1.97731	0.167372	1.88362	1.88362	0.441676	0.713536	-1.40147	2.30991	6.77136	2.60572	1
cg00293981	LYPD1;NCKAP5;NCKAP5	0.126252	0.157514	0.61057	-1.63781	0.0739891	0.522051	-1.91552	0.0115362	0.356574	-2.80447	0.463838	0.783976	-1.27555	0.900784	1.04155	1.04155	0.618311	1.17817	1.17817	0.176057	0.62528	-1.59928	0.268159	1.45716	1.45716	0.510952	0.804415	-1.24314	2.3099	3.89788	1.49997	1
cg10817500	SSH1;SSH1;SSH1;SSH1	0.126255	0.468203	0.845831	-1.18227	0.049121	0.600781	-1.6645	0.137042	0.695356	-1.43811	0.984233	1.00449	1.00449	0.0306277	0.562046	-1.77921	0.0807243	0.644437	-1.55174	0.0236172	0.541675	-1.84612	0.24496	0.758888	-1.31772	0.203291	0.737388	-1.35614	2.30988	1.88263	0.724475	1
cg20457190	BCOR;BCOR	0.126266	0.0493916	2.25132	2.25132	0.445425	1.32507	1.32507	0.81474	0.918572	-1.08865	0.0678931	0.477135	-2.09584	0.0789299	0.493641	-2.02576	0.149312	1.74981	1.74981	0.872874	0.943703	-1.05966	0.23513	0.637456	-1.56874	0.928586	0.968084	-1.03297	2.30978	4.78993	1.84334	1
cg13944838	GFPT2	0.126268	0.478866	2.00058	2.00058	0.171628	4.0624	4.0624	0.400471	2.29101	2.29101	0.0186039	15.6149	15.6149	0.479206	1.99947	1.99947	0.0571868	7.94488	7.94488	0.0164191	16.8555	16.8555	0.756143	1.34994	1.34994	0.145846	4.49972	4.49972	2.30977	33.9405	13.0616	1
cg08861127	CD82;CD82	0.126268	0.176714	0.568379	-1.75939	0.550195	0.789773	-1.26619	0.621487	1.21434	1.21434	0.00591952	0.230933	-4.33026	0.0991308	0.489332	-2.0436	0.402959	0.715525	-1.39758	0.653904	0.838573	-1.1925	0.965424	1.01704	1.01704	0.484292	1.32007	1.32007	2.44065	5.74735	1.83154	1
cg24481594	SKI	0.12627	0.66261	0.778118	-1.28515	0.00967541	6.49314	6.49314	0.0553523	3.45948	3.45948	0.424829	1.59319	1.59319	0.690494	0.795556	-1.25698	0.275908	1.9111	1.9111	0.314117	0.551626	-1.81282	0.27674	1.90879	1.90879	0.910398	1.06644	1.06644	2.30975	11.9454	4.5971	1
cg03217253	ZNF677	0.126271	0.053066	2.71408	2.71408	0.994438	0.996839	-1.00317	0.0261761	3.31446	3.31446	0.42974	1.44215	1.44215	0.205781	1.8336	1.8336	0.961229	1.02233	1.02233	0.0685226	0.396035	-2.52503	0.787523	1.13056	1.13056	0.568214	0.769507	-1.29953	2.30974	7.5477	2.90469	1
cg04556601	PRPSAP2	0.126271	0.0702864	1.37454	1.37454	0.320767	1.17503	1.17503	0.087201	1.34571	1.34571	0.867673	1.02656	1.02656	0.709811	1.06053	1.06053	0.361499	1.15891	1.15891	0.520296	1.10789	1.10789	0.00923255	1.68126	1.68126	0.0427745	1.44289	1.44289	2.30974	0.90429	0.348011	1
cg15651267	ODZ2	0.126272	0.29824	1.81268	1.81268	0.701983	1.23625	1.23625	0.935711	1.04551	1.04551	0.563283	1.38036	1.38036	0.102144	2.68277	2.68277	0.0380497	3.76796	3.76796	0.0986708	2.71528	2.71528	0.0178944	4.89153	4.89153	0.0468172	3.5095	3.5095	2.30973	11.1317	4.28399	1
cg07254337	TRIM3;TRIM3;TRIM3;TRIM3	0.126273	0.163649	0.839077	-1.19179	0.251712	1.15181	1.15181	0.144582	1.20317	1.20317	0.0135458	0.697222	-1.43426	0.942029	1.00862	1.00862	0.315664	0.884747	-1.13027	0.866582	1.02004	1.02004	0.298971	1.13549	1.13549	0.971586	0.995805	-1.00421	2.30972	0.509611	0.196122	1
cg02457085	CSF1;CSF1;CSF1;CSF1	0.126275	0.574118	0.864884	-1.15622	0.714341	0.910304	-1.09853	0.0297118	0.5199	-1.92345	0.695626	1.10573	1.10573	0.29854	0.759226	-1.31713	0.900243	0.968449	-1.03258	0.390112	1.25248	1.25248	0.412485	1.23887	1.23887	0.0128315	0.453835	-2.20345	2.30971	2.39048	0.919976	1
cg27429230	SLC35A2;SLC35A2;SLC35A2	0.126275	0.2405	0.619243	-1.61488	0.0048101	0.232462	-4.30178	0.965946	1.01679	1.01679	0.595806	1.23218	1.23218	0.363045	0.694487	-1.43991	0.245911	0.622952	-1.60526	0.547968	0.788907	-1.26758	0.377555	1.4235	1.4235	0.700003	1.163	1.163	2.3097	5.56394	2.14128	1
cg15345907	SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.126276	0.934592	0.967426	-1.03367	0.0152325	3.32829	3.32829	0.358799	1.46331	1.46331	0.955397	0.977686	-1.02282	0.0349381	0.370975	-2.6956	0.310743	1.52677	1.52677	0.931159	0.965741	-1.03547	0.605634	1.23385	1.23385	0.446231	0.731064	-1.36787	2.3097	5.95451	2.2916	1
cg00832136	CXorf22	0.126279	0.500765	1.33372	1.33372	0.0573241	0.404121	-2.47451	0.469082	0.733168	-1.36394	0.0844849	2.23478	2.23478	0.0513903	0.392727	-2.5463	0.0693839	0.424864	-2.35369	0.939094	0.968312	-1.03273	0.5524	0.776245	-1.28825	0.680583	1.19056	1.19056	2.30967	6.49527	2.49974	1
cg14052728	PROM2;PROM2;PROM2	0.12628	0.767293	0.943679	-1.05968	0.0324982	1.63057	1.63057	0.0355279	1.61299	1.61299	0.143952	1.3589	1.3589	0.848901	1.03796	1.03796	0.453877	0.861537	-1.16072	0.0350591	1.61559	1.61559	0.342893	1.21032	1.21032	0.505712	1.14101	1.14101	2.30966	1.3959	0.537222	1
cg24539999	FBF1	0.126281	0.037675	1.67315	1.67315	0.488318	0.860445	-1.16219	0.780226	1.06154	1.06154	0.891988	0.971411	-1.02943	0.295968	0.793447	-1.26032	0.725762	1.07808	1.07808	0.0451272	0.612156	-1.63357	0.882308	0.968868	-1.03213	0.0577635	1.58097	1.58097	2.30966	1.66732	0.641679	1
cg17337695	ZNF37B	0.126282	0.0338135	0.295017	-3.38963	0.0521923	0.336942	-2.96787	0.343135	0.618117	-1.61782	0.184891	0.500244	-1.99902	0.130934	0.447812	-2.23308	0.11052	0.424587	-2.35523	0.0353591	0.299089	-3.34348	0.0520457	0.336652	-2.97042	0.139697	0.457099	-2.18771	2.30965	8.87586	3.41595	1
cg12347792	CCDC110;CCDC110	0.126283	0.159431	0.397548	-2.51542	0.316152	0.529506	-1.88855	0.760489	0.828965	-1.20632	0.950792	0.962845	-1.03859	0.0412779	0.235924	-4.23865	0.243655	0.473119	-2.11363	0.0221543	0.185867	-5.38019	0.0184475	0.173134	-5.77588	0.436934	0.61476	-1.62665	2.30964	13.7679	5.29873	1
cg01889684	MUC4;MUC4;MUC4	0.126286	0.33728	0.780499	-1.28123	0.549871	1.16365	1.16365	0.25125	0.740605	-1.35025	0.837357	0.949812	-1.05284	0.0101465	0.443828	-2.25312	0.119266	0.654742	-1.52732	0.121519	0.656703	-1.52276	0.235066	1.36584	1.36584	0.56815	0.865438	-1.15548	2.30962	2.29551	0.883459	1
cg17741629	SETDB2;SETDB2	0.126288	0.120482	0.457358	-2.18647	0.0772716	0.401573	-2.49021	0.0351735	0.319913	-3.12585	0.522975	0.740292	-1.35082	0.0466217	0.347024	-2.88165	0.374033	0.654524	-1.52783	0.0585501	0.370596	-2.69836	0.784753	1.13561	1.13561	0.0583938	0.37031	-2.70044	2.3096	7.89227	3.03747	1
cg14855877	ELAC2;ELAC2;ELAC2	0.12629	0.787421	0.905051	-1.10491	0.0254822	2.66429	2.66429	0.012099	3.17309	3.17309	0.601702	1.21456	1.21456	0.298088	1.48903	1.48903	0.275735	1.5197	1.5197	0.129139	1.83172	1.83172	0.322219	1.45856	1.45856	0.626118	0.834246	-1.19869	2.30959	4.98345	1.91798	1
cg17074212	ZNF215	0.126292	0.585019	1.0719	1.0719	0.16669	1.20401	1.20401	0.695491	1.05078	1.05078	0.583402	0.932637	-1.07223	0.0610175	1.30455	1.30455	0.830795	1.02731	1.02731	0.0890173	0.78965	-1.26638	0.0909858	0.791017	-1.2642	0.100023	0.796979	-1.25474	2.30956	0.57995	0.223207	1
cg22636316	ILK;ILK;RRP8;ILK;RRP8	0.126295	0.301177	1.17453	1.17453	0.215942	0.822377	-1.21599	0.969387	1.00578	1.00578	0.0675631	0.735258	-1.36007	0.0165425	0.644261	-1.55216	0.16531	0.80073	-1.24886	0.580915	0.919679	-1.08734	0.689512	1.06216	1.06216	0.304326	1.17322	1.17322	2.30954	0.824836	0.31746	1
cg09406615	BCHE;BCHE	0.126296	0.493289	0.835991	-1.19618	0.0137932	2.18966	2.18966	0.0476307	1.79182	1.79182	0.785046	1.07293	1.07293	0.743943	0.919072	-1.08805	0.488526	0.834286	-1.19863	0.919187	1.02647	1.02647	0.76957	0.927158	-1.07857	0.0844099	1.63476	1.63476	2.30953	2.42487	0.93328	1
cg09430158	ITGA11	0.126297	0.16613	0.442769	-2.25851	0.112877	0.385936	-2.5911	0.150193	0.426996	-2.34194	0.24458	0.510887	-1.95738	0.011983	0.177384	-5.6375	0.144207	0.420835	-2.37623	0.09736	0.366519	-2.72837	0.0627371	0.314948	-3.17512	0.0823165	0.34581	-2.89176	2.30952	11.1342	4.28532	1
cg08643131	MUM1;MUM1	0.126298	0.349733	0.792919	-1.26116	0.172256	1.41939	1.41939	0.121122	1.49954	1.49954	0.0274885	1.87487	1.87487	0.956601	0.986967	-1.0132	0.789355	1.06667	1.06667	0.202786	0.723164	-1.38281	0.331708	0.78552	-1.27304	0.106483	1.52943	1.52943	2.30952	2.12545	0.818046	1
cg04498679	C2;C2	0.126298	0.0753059	0.490482	-2.03881	0.830323	1.08025	1.08025	0.36543	0.715679	-1.39727	0.383805	0.725246	-1.37884	0.0217047	0.371087	-2.69479	0.0698008	0.482197	-2.07384	0.023663	0.378414	-2.64261	0.929117	1.03252	1.03252	0.643537	0.845663	-1.1825	2.30951	4.73332	1.82177	1
cg04152151	MBD5	0.1263	0.575178	0.831955	-1.20199	0.01806	0.393321	-2.54245	0.0898829	0.544756	-1.83568	0.911147	0.96438	-1.03694	0.793614	1.08892	1.08892	0.840826	0.936753	-1.06752	0.044666	2.11478	2.11478	0.934907	1.0269	1.0269	0.349326	0.731228	-1.36756	2.3095	3.86133	1.48617	1
cg01128295	LOC100133050	0.126301	0.156979	0.769855	-1.29895	0.583019	1.10054	1.10054	0.656852	0.925648	-1.08032	0.126815	0.751748	-1.33023	0.0999745	0.732376	-1.36542	0.127863	1.32902	1.32902	0.0376065	1.51707	1.51707	0.614337	1.09176	1.09176	0.875852	0.973347	-1.02738	2.30949	1.09211	0.420336	1
cg16702774	CBX8	0.126302	0.159174	0.712735	-1.40305	0.255093	1.3066	1.3066	0.400608	1.21367	1.21367	0.81795	1.05326	1.05326	0.782231	0.939541	-1.06435	0.113888	0.679011	-1.47273	0.0212025	0.536035	-1.86555	0.178908	1.37903	1.37903	0.46982	1.17998	1.17998	2.30948	1.85286	0.713144	1
cg02791891	C21orf29	0.126304	0.25475	1.56121	1.56121	0.467489	1.31911	1.31911	0.975283	1.01167	1.01167	0.155244	1.76782	1.76782	0.478254	0.763323	-1.31006	0.103233	1.94965	1.94965	0.0246732	0.367095	-2.72409	0.461341	1.32436	1.32436	0.186043	0.591426	-1.69083	2.30947	5.13293	1.97561	1
cg04877567	KLF17	0.126306	0.459689	1.21405	1.21405	0.0901118	0.617989	-1.61815	0.209446	0.711164	-1.40614	0.614368	0.877302	-1.13986	0.0196092	0.483569	-2.06796	0.0976879	0.626131	-1.59711	0.166945	1.46177	1.46177	0.776575	1.07606	1.07606	0.725704	0.913237	-1.09501	2.30945	2.42829	0.934629	1
cg27169503	KIAA0319;KIAA0319;KIAA0319;KIAA0319;KIAA0319	0.126306	0.6964	1.21198	1.21198	0.0395247	0.292098	-3.4235	0.507917	0.718595	-1.39161	?	?	?	0.223436	0.528667	-1.89155	?	?	?	0.0438774	3.30082	3.30082	0.634896	0.790773	-1.26459	0.359683	0.627779	-1.59292	2.66738	7.49603	2.4088	1
cg08151750	FNDC4;GCKR	0.126308	0.684754	1.21523	1.21523	0.963066	0.978145	-1.02234	0.38113	1.53776	1.53776	?	?	?	0.883874	0.932627	-1.07224	0.25488	0.564936	-1.77011	0.00836833	0.187736	-5.32664	0.626302	1.26421	1.26421	0.23895	1.80889	1.80889	2.46067	7.72217	2.74596	1
cg02190742	MAP3K3;MAP3K3	0.126313	0.556658	0.794318	-1.25894	0.0692521	2.19739	2.19739	0.0554408	2.31836	2.31836	0.149405	0.549503	-1.81983	0.0766929	0.466448	-2.14386	0.67807	0.850711	-1.17549	0.259891	0.634315	-1.5765	0.830216	0.920193	-1.08673	0.355998	0.692299	-1.44446	2.30939	5.48722	2.11205	1
cg25690202	SIPA1L3	0.126314	0.0575886	0.0683257	-14.6358	0.234559	0.21074	-4.74519	0.16114	0.154078	-6.49024	0.253309	0.225157	-4.44135	0.0524805	0.0635728	-15.73	0.0604482	0.0709468	-14.0951	0.0205113	0.0305497	-32.7335	0.949093	1.08306	1.08306	0.124323	0.124977	-8.0015	2.30938	57.121	21.9861	1
cg13362288	CADM4	0.126316	0.289335	1.32353	1.32353	0.750005	1.08488	1.08488	0.18791	0.700734	-1.42708	0.614688	1.1381	1.1381	0.444996	1.21949	1.21949	0.290266	1.32276	1.32276	0.00458318	2.61661	2.61661	0.356547	1.27338	1.27338	0.914388	1.02779	1.02779	2.30937	2.37559	0.91438	1
cg17611742	DENND1B;DENND1B	0.126317	0.115878	0.445931	-2.2425	0.298177	1.66465	1.66465	0.178427	0.508842	-1.96525	0.84846	1.09461	1.09461	0.0185171	0.259323	-3.8562	0.135076	0.467079	-2.14097	0.164611	0.496262	-2.01506	0.390074	1.51618	1.51618	0.271226	0.582	-1.71821	2.30936	8.16766	3.1438	1
cg04837494	GC	0.126317	0.02391	0.114017	-8.77059	0.070567	0.199701	-5.00748	0.0719379	0.201678	-4.9584	?	?	?	0.0377525	0.144788	-6.90663	0.37022	0.484902	-2.06227	0.192184	0.335886	-2.9772	0.566617	0.634746	-1.57543	0.0992561	0.237864	-4.20408	2.46058	20.8122	7.40094	1
cg04188238	MTNR1A	0.126318	0.70268	1.10969	1.10969	0.00505398	0.365622	-2.73506	0.475333	0.821183	-1.21776	0.672896	1.12215	1.12215	0.142137	0.651621	-1.53463	0.996765	0.9989	-1.0011	0.317013	1.3241	1.3241	0.962061	1.01299	1.01299	0.677432	1.12023	1.12023	2.30935	2.69401	1.03695	1
cg17427986	IL6R;IL6R	0.126318	0.0286666	1.97088	1.97088	0.0189903	2.10969	2.10969	0.0867456	1.64422	1.64422	0.110263	1.58013	1.58013	0.202574	1.4242	1.4242	0.197283	1.43085	1.43085	0.773448	0.926938	-1.07882	0.141298	1.5156	1.5156	0.401345	1.25331	1.25331	2.30935	2.52706	0.972688	1
cg23884924	CRTC1;CRTC1	0.126322	0.930208	0.956354	-1.04564	0.92293	0.951897	-1.05053	0.191932	0.494738	-2.02127	0.239603	0.534	-1.87266	0.0571512	0.334081	-2.99328	0.994989	0.996806	-1.0032	0.0209621	0.242899	-4.11694	0.019248	0.236319	-4.23157	0.245804	0.538805	-1.85596	2.30931	9.49271	3.65389	1
cg03514086	KSR2	0.126322	0.212306	0.621244	-1.60967	0.182315	0.598762	-1.67011	0.222287	1.59164	1.59164	0.542157	1.25055	1.25055	0.0749102	0.48736	-2.05187	0.245537	0.643847	-1.55316	0.0245109	0.378765	-2.64016	0.0945411	0.51381	-1.94624	0.382736	0.722996	-1.38313	2.30931	4.80216	1.84842	1
cg02984159	ZFAND2A;ZFAND2A	0.12633	0.135713	0.769607	-1.29936	0.16175	0.783999	-1.27551	0.277716	1.20183	1.20183	0.262339	0.826672	-1.20967	0.568274	0.910348	-1.09848	0.145848	1.28957	1.28957	0.0169733	0.622401	-1.60668	0.789804	0.95742	-1.04447	0.696609	1.0659	1.0659	2.30924	0.970136	0.373431	1
cg23091984	TSHZ3	0.126334	0.775991	0.945263	-1.05791	0.828425	1.04376	1.04376	0.891491	1.0273	1.0273	0.183391	0.7569	-1.32118	0.0687025	0.668955	-1.49487	0.437706	0.855384	-1.16906	0.00794795	0.510941	-1.95717	0.860362	0.965853	-1.03535	0.252416	1.26604	1.26604	2.30922	1.42393	0.548114	1
cg01184492	SLC26A9;SLC26A9;SLC26A9	0.126335	0.279838	0.839812	-1.19074	0.410695	0.877457	-1.13966	0.276392	0.838673	-1.19236	0.478647	1.11843	1.11843	0.453834	1.12588	1.12588	0.0867175	1.34179	1.34179	0.0145629	1.59616	1.59616	0.36704	0.865892	-1.15488	0.707708	1.06028	1.06028	2.30921	0.883134	0.339947	1
cg05587282	COL12A1;COL12A1	0.126336	0.307468	1.4723	1.4723	0.477459	1.30275	1.30275	0.270962	1.52145	1.52145	0.0674179	0.472191	-2.11779	0.0989861	0.515661	-1.93926	0.664138	1.17347	1.17347	0.0370394	0.412035	-2.42698	0.817453	1.08835	1.08835	0.294315	1.48926	1.48926	2.3092	4.90348	1.88751	1
cg21997986	BANK1;BANK1;BANK1	0.126336	0.601138	0.702081	-1.42434	0.402604	0.56304	-1.77607	0.0314899	0.184227	-5.42808	0.835709	1.14942	1.14942	0.0304213	0.181585	-5.50705	0.7476	1.24175	1.24175	0.074396	0.263674	-3.79257	0.820854	1.16427	1.16427	0.0490381	0.221598	-4.51268	2.3092	16.4462	6.33069	1
cg02360980	LTK;LTK;LTK	0.126336	0.05553	51.5728	51.5728	0.155457	15.8323	15.8323	0.340348	5.96283	5.96283	0.0892463	30.1202	30.1202	0.702659	0.498107	-2.0076	0.395051	4.86867	4.86867	0.743275	0.55035	-1.81703	0.031653	97.3097	97.3097	0.0312538	98.7197	98.7197	2.3092	120.759	46.4843	1
cg18893000	NRCAM;NRCAM	0.126343	0.262831	0.440286	-2.27125	0.00804553	0.0920251	-10.8666	0.0712494	0.242729	-4.11982	0.738063	1.26597	1.26597	0.260899	0.438698	-2.27947	0.661429	0.733692	-1.36297	0.0980415	0.279359	-3.57962	0.213593	0.398408	-2.50999	0.694551	1.31959	1.31959	2.30914	18.0582	6.95137	1
cg02633783	NTM;NTM;NTM;NTM	0.126343	0.395152	0.834105	-1.19889	0.562545	0.885194	-1.1297	0.487798	0.863445	-1.15815	0.373752	0.826809	-1.20947	0.37994	1.20636	1.20636	0.00879113	2.0037	2.0037	0.100723	1.45422	1.45422	0.778932	0.943067	-1.06037	0.474774	1.16346	1.16346	2.30914	1.58671	0.610794	1
cg25280720	OR6P1	0.126347	0.0395238	0.12173	-8.21489	0.0321897	0.108725	-9.19754	0.189624	0.292634	-3.41724	0.282538	0.372456	-2.68488	0.176779	0.280858	-3.56052	0.0400644	0.122643	-8.15378	0.294113	0.381955	-2.61811	0.0594637	0.152351	-6.56377	0.0725741	0.170017	-5.88176	2.30911	28.6077	11.0125	1
cg09269891	CREBBP;CREBBP	0.126347	0.436959	1.4795	1.4795	0.0160095	4.29092	4.29092	0.0221671	3.87547	3.87547	0.858899	1.09188	1.09188	0.307118	0.59319	-1.6858	0.433572	1.48397	1.48397	0.356558	1.59743	1.59743	0.259011	1.78906	1.78906	0.62556	0.784329	-1.27498	2.30911	8.92326	3.435	1
cg26187342	NOL11	0.126347	0.325351	1.06561	1.06561	0.0210399	0.840575	-1.18966	0.64767	0.971618	-1.02921	0.661814	1.02793	1.02793	0.0526341	0.871216	-1.14782	0.390149	0.946388	-1.05665	0.537957	0.961728	-1.03979	0.150849	0.908155	-1.10113	0.0546532	0.872491	-1.14614	2.30911	0.143201	0.0551251	1
cg04507515	KCNE3	0.12635	0.0384737	15.2229	15.2229	0.191254	4.81249	4.81249	0.683597	0.627947	-1.59249	0.358478	0.342245	-2.92188	0.266965	0.268943	-3.71827	0.31574	0.307928	-3.24752	0.484565	0.446385	-2.24022	0.449285	0.416648	-2.40011	0.0433637	13.9906	13.9906	2.30908	47.1552	18.1525	1
cg15028507	C7orf50;C7orf50;C7orf50	0.126358	0.457156	1.53055	1.53055	0.887865	1.08254	1.08254	0.0307974	0.240334	-4.16087	0.926381	0.949378	-1.05332	0.615989	1.32876	1.32876	0.914477	0.941403	-1.06224	0.0111782	0.167413	-5.97325	0.36738	1.68283	1.68283	0.973378	1.01893	1.01893	2.30902	11.5545	4.44807	1
cg04543012	TFCP2;TFCP2	0.126359	0.587182	0.870779	-1.1484	0.353034	1.27278	1.27278	0.265817	1.34001	1.34001	0.93168	0.97859	-1.02188	0.714543	1.09716	1.09716	0.588656	1.14776	1.14776	0.25058	0.738577	-1.35395	0.435603	0.8181	-1.22234	0.00539828	2.52042	2.52042	2.30901	2.32982	0.896903	1
cg22070156	ITGBL1;ITGBL1	0.126362	0.337397	0.327046	-3.05768	0.196269	4.68401	4.68401	0.934125	0.91081	-1.09792	0.713658	0.65936	-1.51662	0.0104928	0.0262602	-38.0804	0.56645	0.519511	-1.92489	0.0399892	0.0683878	-14.6225	0.695558	1.55959	1.55959	0.983667	0.977132	-1.0234	2.30898	46.7004	17.9782	1
cg00491548	C19orf28;C19orf28;C19orf71;C19orf71	0.126364	0.806984	1.06405	1.06405	0.0532908	0.573006	-1.74518	0.360912	0.788028	-1.26899	0.260866	1.34639	1.34639	0.403053	0.804896	-1.2424	0.585667	1.14983	1.14983	0.147318	0.67409	-1.48348	0.137427	1.50047	1.50047	0.0618876	1.70453	1.70453	2.30897	2.35256	0.905672	1
cg18923581	FOXJ2	0.126366	0.712771	1.22238	1.22238	0.00689269	6.68289	6.68289	0.0776145	2.90132	2.90132	0.38559	1.62101	1.62101	0.733843	0.830822	-1.20363	0.993662	1.00432	1.00432	?	?	?	0.156628	2.27687	2.27687	0.33214	1.72174	1.72174	2.33051	9.67574	4.15177	1
cg18686165	IL17RD	0.126374	0.331401	0.579284	-1.72627	0.745406	1.19423	1.19423	0.014898	0.195649	-5.11119	0.365778	0.602761	-1.65903	0.0326182	0.256068	-3.90521	0.911613	0.941299	-1.06236	0.0655913	0.324407	-3.08255	0.170062	0.451077	-2.21692	0.156001	0.437421	-2.28613	2.30889	10.8533	4.17838	1
cg04002944	BAI1	0.126374	0.769151	1.09891	1.09891	0.0309337	2.2525	2.2525	0.0372369	2.17063	2.17063	0.120008	1.717	1.717	0.716917	1.12379	1.12379	0.015922	2.57578	2.57578	0.186243	1.56694	1.56694	0.370031	1.34318	1.34318	0.521794	1.23133	1.23133	2.30888	3.75624	1.4461	1
cg12774406	TRAPPC4;RPS25	0.126375	0.454282	0.77806	-1.28525	0.433764	0.768762	-1.30079	0.444684	1.29243	1.29243	0.265524	0.682489	-1.46523	0.880126	1.05094	1.05094	0.00544361	0.300013	-3.33318	0.210518	0.647653	-1.54404	0.593801	0.837584	-1.19391	0.303732	1.42006	1.42006	2.30887	3.9637	1.52598	1
cg05068533	CCND1	0.126376	0.0435176	0.590605	-1.69318	0.374512	0.813192	-1.22972	0.804065	0.945169	-1.05801	0.893925	0.970188	-1.03073	0.666846	0.906422	-1.10324	0.85562	1.04219	1.04219	0.00846683	0.466469	-2.14376	0.0700155	0.631563	-1.58337	0.76017	1.07193	1.07193	2.30887	1.88196	0.724535	1
cg25774529	CD63;CD63	0.126376	0.187334	1.35621	1.35621	0.145646	1.40585	1.40585	0.0464763	1.64414	1.64414	0.227437	1.3182	1.3182	0.760599	0.935539	-1.0689	0.338494	0.806442	-1.24001	0.0726967	0.646247	-1.5474	0.806134	0.9478	-1.05507	0.151688	1.3978	1.3978	2.30887	1.7384	0.669267	1
cg13824755	ASB9;ASB9;ASB9;ASB9	0.126377	0.998207	0.999524	-1.00048	0.873857	1.03422	1.03422	0.5692	0.885284	-1.12958	0.54186	1.13972	1.13972	0.135867	0.711492	-1.4055	0.591226	0.891522	-1.12168	0.0501008	1.60498	1.60498	0.0126139	1.92876	1.92876	0.733617	1.07503	1.07503	2.30886	1.6403	0.631499	1
cg05192639	GUSBL1	0.126377	0.65943	0.915706	-1.09205	0.51136	0.876114	-1.1414	0.373248	0.834023	-1.19901	0.242593	0.784415	-1.27484	0.229392	0.778468	-1.28457	0.47043	1.15696	1.15696	0.0112499	1.87859	1.87859	0.142497	0.731237	-1.36755	0.579074	0.894703	-1.11769	2.30885	1.44166	0.555029	1
cg20825588	PSMA5	0.126381	0.449239	1.16799	1.16799	0.113488	0.70693	-1.41457	0.592728	1.11486	1.11486	0.72421	0.931144	-1.07395	0.0708392	0.665994	-1.50152	0.0231453	0.578795	-1.72773	0.456693	0.858431	-1.16492	0.873363	1.03264	1.03264	0.131346	1.38823	1.38823	2.30882	1.48293	0.570923	1
cg11667509	SLC10A3;SLC10A3;SLC10A3	0.126383	0.101745	0.473025	-2.11405	0.13938	0.514408	-1.94398	0.927068	0.962464	-1.039	0.0242876	3.07107	3.07107	0.343276	0.664985	-1.50379	0.0859571	0.452511	-2.20989	0.89577	1.0563	1.0563	0.568652	1.27222	1.27222	0.516008	0.759414	-1.31681	2.3088	6.38545	2.4584	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09367425	FTH1	0.126384	0.990153	1.00581	1.00581	0.0131531	0.236325	-4.23146	?	?	?	0.587721	0.7735	-1.29283	?	?	?	0.195659	0.526186	-1.90047	0.676582	0.821332	-1.21753	0.684178	1.21153	1.21153	0.129547	2.15638	2.15638	2.3569	6.39144	3.0992	1
cg12504415	JMJD6;C17orf95;JMJD6;JMJD6;JMJD6	0.126389	0.0344811	1.70773	1.70773	0.991474	0.997684	-1.00232	0.443299	1.18487	1.18487	0.877668	1.03399	1.03399	0.382726	0.82344	-1.21442	0.683281	1.0931	1.0931	0.0191033	0.540346	-1.85067	0.227819	1.31617	1.31617	0.503751	1.15864	1.15864	2.30876	1.72214	0.663036	1
cg10028434	KLC1;KLC1	0.12639	0.437652	0.640404	-1.56151	0.00540114	7.85635	7.85635	0.186043	2.2016	2.2016	0.973587	1.01881	1.01881	0.365051	0.59222	-1.68856	0.292374	1.84947	1.84947	0.392815	1.6368	1.6368	0.765268	1.18358	1.18358	0.683099	0.79371	-1.25991	2.30875	11.5853	4.46044	1
cg05626376	STK19;STK19;STK19;DOM3Z	0.126391	0.0974927	0.0698172	-14.3231	0.372085	0.261449	-3.82484	0.553699	0.416035	-2.40364	0.227645	0.15662	-6.38487	0.0548096	0.041238	-24.2495	0.0926994	0.0666472	-15.0044	0.0205205	0.016808	-59.4954	0.0335638	0.0263964	-37.8839	0.120735	0.0851406	-11.7453	2.30874	78.3584	30.1688	1
cg11417701	IRF4	0.126391	0.0971614	0.322711	-3.09875	0.00847482	0.123949	-8.06784	0.108437	0.336926	-2.96801	0.62435	0.735932	-1.35882	0.071439	0.286304	-3.49279	0.195564	0.427246	-2.34057	0.128603	0.360457	-2.77426	0.133106	0.365436	-2.73646	0.547664	0.685233	-1.45936	2.30874	14.1127	5.43353	1
cg13650965	TSPO2;TSPO2	0.126392	0.617523	1.18713	1.18713	0.0398874	0.445134	-2.24651	0.0264618	0.407971	-2.45116	0.719323	1.13084	1.13084	0.0358767	0.435251	-2.29753	0.207248	0.635613	-1.57328	0.208994	0.636837	-1.57026	0.227103	0.649162	-1.54045	0.45299	0.770674	-1.29757	2.30874	4.24521	1.63445	1
cg03970567	ATF3	0.126393	0.895272	0.903774	-1.10647	0.305935	2.25766	2.25766	0.629642	1.4525	1.4525	0.104617	0.255972	-3.90667	0.0269624	0.133671	-7.48104	0.589607	0.658133	-1.51945	0.0182614	0.110704	-9.03309	0.657958	0.710138	-1.40818	0.384257	0.503914	-1.98446	2.30873	21.5793	8.30831	1
cg09737668	SLAMF9;SLAMF9;SLAMF9	0.126394	0.447751	0.674554	-1.48246	0.165512	2.12256	2.12256	0.540764	0.72973	-1.37037	0.0358923	0.28878	-3.46285	0.0483594	0.317325	-3.15135	0.792836	1.14331	1.14331	0.703946	1.21442	1.21442	0.0470767	0.314641	-3.17822	0.874236	1.08394	1.08394	2.30871	9.46729	3.64505	1
cg18941864	TRPM8	0.126395	0.192734	1.38361	1.38361	0.13829	0.686696	-1.45625	0.0814638	0.634541	-1.57594	0.0277921	1.84508	1.84508	0.545884	0.865921	-1.15484	0.87882	1.03659	1.03659	0.877673	1.03695	1.03695	0.204811	0.729698	-1.37043	0.433897	0.828552	-1.20692	2.30871	2.02849	0.780999	1
cg19113686	RPL24	0.126395	0.568009	0.703287	-1.42189	0.00794847	0.125483	-7.96923	0.0948413	0.326402	-3.06371	0.413571	1.66496	1.66496	0.194803	0.433246	-2.30816	0.23282	0.466239	-2.14482	0.177392	0.417142	-2.39726	0.338263	0.547679	-1.82589	0.655425	1.31513	1.31513	2.30871	13.6017	5.23686	1
cg00949728	NOP14	0.126396	0.114481	0.460344	-2.17229	0.108985	0.453891	-2.20317	0.376098	0.66333	-1.50755	0.851368	1.08846	1.08846	0.022978	0.29255	-3.41822	0.0835677	0.420847	-2.37616	0.0349419	0.32934	-3.03637	0.751395	1.15445	1.15445	0.181665	0.526913	-1.89785	2.3087	7.46721	2.87501	1
cg04986616	C11orf95	0.126397	0.130117	0.346066	-2.88962	0.219754	0.432785	-2.31062	0.393532	1.76341	1.76341	0.189817	0.406039	-2.46282	0.0875538	0.294037	-3.40093	0.947988	0.958543	-1.04325	0.0180002	0.154842	-6.45819	0.0452882	0.225259	-4.43933	0.57876	0.694895	-1.43907	2.30869	15.4023	5.93017	1
cg09372272	TRPM7;TRPM7	0.126398	0.181006	0.789721	-1.26627	0.545865	1.10694	1.10694	0.215231	1.24214	1.24214	0.352003	0.852818	-1.17258	0.0605916	1.42146	1.42146	0.33881	1.17809	1.17809	0.0820414	0.725952	-1.3775	0.569106	0.908778	-1.10038	0.0987675	1.35107	1.35107	2.30868	1.01031	0.388989	1
cg22828110	F2RL2;IQGAP2	0.126398	0.0949805	0.304713	-3.28177	0.241838	0.452281	-2.21101	0.69903	0.77753	-1.28612	0.35745	0.54174	-1.8459	0.124963	0.341058	-2.93205	0.42657	1.69184	1.69184	0.00776263	0.109229	-9.15511	0.426916	0.591316	-1.69114	0.123167	0.33902	-2.94968	2.30868	15.3388	5.90576	1
cg07796014	HCCS;HCCS	0.126399	0.107113	0.486567	-2.05522	0.0128372	0.282065	-3.54529	0.313136	0.652273	-1.5331	0.696012	1.17447	1.17447	0.411729	0.709103	-1.41023	0.0389782	0.375782	-2.66112	0.722494	1.15724	1.15724	0.635466	1.21602	1.21602	0.751496	1.13896	1.13896	2.30867	6.13337	2.36148	1
cg07794498	TPRA1;TPRA1	0.126402	0.996777	0.999169	-1.00083	0.931884	0.982549	-1.01776	0.00440657	2.18756	2.18756	0.859036	0.964054	-1.03729	0.478898	1.15979	1.15979	0.520639	1.14349	1.14349	0.180898	0.746362	-1.33983	0.681893	0.918633	-1.08857	0.37474	1.20637	1.20637	2.30865	1.55054	0.596998	1
cg24704211	CDC16;CDC16	0.126403	0.590988	1.23226	1.23226	0.0522561	0.427465	-2.33937	0.311314	1.49668	1.49668	0.0530148	0.428941	-2.33133	0.193804	0.589028	-1.69771	0.0546871	0.432137	-2.31408	0.210998	0.602089	-1.66088	0.379081	0.70653	-1.41537	0.0981522	0.497392	-2.01049	2.30864	5.41882	2.08639	1
cg21327343	KLF8;KLF8	0.126403	0.0316139	0.289897	-3.4495	0.382908	0.644263	-1.55216	0.586955	0.76375	-1.30933	0.0870537	2.53052	2.53052	0.0782098	0.382363	-2.61531	0.0955258	0.406673	-2.45898	0.664547	1.23909	1.23909	0.548656	1.34742	1.34742	0.8885	1.07136	1.07136	2.30864	8.8271	3.39867	1
cg16710099	PRDM16;PRDM16	0.126406	0.589	0.890934	-1.12242	0.00714775	2.08636	2.08636	0.154496	1.3808	1.3808	0.263002	1.28026	1.28026	0.77528	1.06247	1.06247	0.0431964	1.63628	1.63628	0.216154	1.31728	1.31728	0.483721	1.16263	1.16263	0.547533	1.13753	1.13753	2.30862	1.63889	0.631023	1
cg01234984	CUX1;CUX1;CUX1	0.126408	0.320266	0.657765	-1.5203	0.00437226	0.211676	-4.72419	0.155481	0.537965	-1.85886	0.659094	0.834359	-1.19852	0.179128	0.558721	-1.7898	0.170171	0.551074	-1.81464	0.242386	0.607106	-1.64716	0.127765	0.510865	-1.95746	0.935424	0.967487	-1.03361	2.3086	6.0832	2.34224	1
cg26614262	FLYWCH1;FLYWCH1	0.126409	0.0115872	2.02318	2.02318	0.487717	1.17046	1.17046	0.950993	0.986372	-1.01382	0.818588	1.05263	1.05263	?	?	?	0.711035	1.08663	1.08663	0.148895	1.41285	1.41285	0.0839397	0.652493	-1.53258	0.981984	0.994972	-1.00505	2.33014	1.63504	0.701689	1
cg12531591	AP3D1;AP3D1	0.126409	0.313234	1.61141	1.61141	0.130005	2.11297	2.11297	0.0289197	3.24837	3.24837	0.421104	1.45635	1.45635	0.0973843	0.435153	-2.29804	0.421997	1.45526	1.45526	0.127057	0.470096	-2.12723	0.637755	1.24226	1.24226	0.641996	0.807219	-1.23882	2.30859	7.64987	2.94547	1
cg25673241	RPTOR;RPTOR	0.12641	0.671242	0.916565	-1.09103	0.0905424	1.4631	1.4631	0.867475	0.966494	-1.03467	0.758906	1.06484	1.06484	0.48164	0.8642	-1.15714	0.582469	0.892878	-1.11997	0.122686	0.710838	-1.40679	0.0107691	1.92282	1.92282	0.827321	0.956399	-1.04559	2.30858	1.52253	0.586229	1
cg13409111	C6orf1;C6orf1;C6orf1	0.126413	0.267294	0.74556	-1.34127	0.415311	1.23559	1.23559	0.0945819	1.59495	1.59495	0.813725	1.0618	1.0618	0.0430203	0.553449	-1.80685	0.147804	0.674001	-1.48368	0.952092	0.984851	-1.01538	0.894003	0.966697	-1.03445	0.0424778	0.552341	-1.81047	2.30856	2.36019	0.90877	1
cg01133262	KDELR3;KDELR3	0.126415	0.184347	0.839609	-1.19103	0.228525	1.16988	1.16988	0.315238	0.879039	-1.13761	0.311357	0.878064	-1.13887	0.0614524	0.769834	-1.29898	0.048166	0.755506	-1.32362	0.212269	1.17717	1.17717	0.22201	0.8527	-1.17274	0.408218	1.11074	1.11074	2.30854	0.563556	0.216994	1
cg05263953	CARKD	0.126416	0.195154	0.657155	-1.52171	0.0660483	0.531629	-1.88101	0.0966657	0.571904	-1.74854	0.365547	0.752124	-1.32957	0.00731894	0.346635	-2.88487	0.131911	0.607592	-1.64584	0.206265	0.664662	-1.50452	0.925858	0.971885	-1.02893	0.201905	0.661749	-1.51115	2.30854	3.43241	1.32163	1
cg25731359	TP73;WDR8	0.126416	0.060087	5.25033	5.25033	0.2971	0.429469	-2.32846	0.963395	0.964754	-1.03653	0.132511	3.55794	3.55794	0.651631	1.42671	1.42671	0.350059	0.471386	-2.1214	0.828368	0.84387	-1.18502	0.0772201	4.64636	4.64636	0.0301106	7.34613	7.34613	2.30853	22.3515	8.60636	1
cg24424381	WDR93;PEX11A	0.126417	0.519204	1.21958	1.21958	0.672371	0.878781	-1.13794	0.240249	0.688302	-1.45285	0.845759	1.06095	1.06095	0.4082	0.773376	-1.29303	0.00925897	0.366679	-2.72718	0.40212	1.29757	1.29757	0.390238	1.30663	1.30663	0.146538	1.60546	1.60546	2.30852	3.37413	1.2992	1
cg11232254	PEPD;PEPD;PEPD	0.126421	0.124192	0.762128	-1.31212	0.543033	0.904424	-1.10568	0.14503	0.77463	-1.29094	0.346202	0.853606	-1.1715	0.262559	0.82646	-1.20998	0.447131	1.13477	1.13477	0.0289738	1.52209	1.52209	0.394873	1.15279	1.15279	0.159004	0.782218	-1.27842	2.30849	0.973413	0.374814	1
cg08105265	EPX	0.126422	0.947483	1.02635	1.02635	0.653046	0.836361	-1.19566	0.0263521	0.353413	-2.82955	0.77527	1.11967	1.11967	0.263641	0.631178	-1.58434	0.0883714	0.475936	-2.10112	0.0142217	0.302911	-3.3013	0.139613	0.533788	-1.8734	0.805849	0.907332	-1.10213	2.30848	5.70164	2.19543	1
cg16762300	IQCE;IQCE	0.126422	0.130651	1.41591	1.41591	0.498886	1.1575	1.1575	0.612951	0.897016	-1.11481	0.49054	1.16091	1.16091	0.152337	1.38632	1.38632	0.630685	0.901944	-1.10872	0.00609837	2.14411	2.14411	0.367276	1.21813	1.21813	0.506557	0.866253	-1.1544	2.30848	1.65956	0.639019	1
cg22126440	C7orf58;C7orf58	0.126423	0.247758	1.15757	1.15757	0.455311	1.09645	1.09645	0.438195	0.90869	-1.10049	0.129146	0.819916	-1.21964	0.0933784	1.25041	1.25041	0.832583	0.974693	-1.02596	0.103349	0.805959	-1.24076	0.760585	1.0377	1.0377	0.0386181	1.33651	1.33651	2.30847	0.536065	0.206415	1
cg26444282	SYNPO;SYNPO	0.126424	0.383701	0.62797	-1.59243	0.00869944	0.175245	-5.70631	0.198745	0.492932	-2.02868	0.900324	1.06745	1.06745	0.166299	0.463562	-2.15721	0.0726886	0.352399	-2.8377	0.090314	0.378244	-2.6438	0.226948	0.516463	-1.93625	0.7374	1.19159	1.19159	2.30846	9.91957	3.8196	1
cg14549755	SLC27A1	0.126425	0.0323228	0.503155	-1.98746	0.198624	0.689152	-1.45106	0.789013	0.929134	-1.07627	0.987391	0.995678	-1.00434	0.383993	0.78299	-1.27716	0.358956	1.29499	1.29499	0.0209493	0.467037	-2.14116	0.592188	1.15973	1.15973	0.29179	1.34955	1.34955	2.30845	2.74595	1.05735	1
cg23125328	SHBG;SHBG;SAT2	0.126426	0.0268189	0.578927	-1.72733	0.14435	0.721244	-1.38649	0.367397	0.824522	-1.21282	0.974513	1.00668	1.00668	0.202212	0.755336	-1.32391	0.238098	1.29372	1.29372	0.0677642	0.652865	-1.53171	0.295248	0.797561	-1.25382	0.0534102	0.633036	-1.57969	2.30845	1.5877	0.611357	1
cg01729837	PALM;PALM	0.126429	0.267383	0.581407	-1.71997	0.0356765	3.15022	3.15022	0.97513	1.01474	1.01474	0.117446	2.22131	2.22131	0.250189	0.568931	-1.75768	0.934079	1.03959	1.03959	0.340717	1.58539	1.58539	0.0459987	2.92515	2.92515	0.167161	1.99606	1.99606	2.30842	8.05403	3.10131	1
cg02586212	RGS1;RGS1	0.12643	0.813955	1.18252	1.18252	0.88273	0.900352	-1.11068	0.0258654	0.152375	-6.56274	0.745895	1.26016	1.26016	0.214868	0.39514	-2.53075	0.204869	2.58917	2.58917	0.426379	1.78174	1.78174	0.0321866	5.955	5.955	0.974629	0.977638	-1.02287	2.30842	18.4904	7.11997	1
cg22825261	WFDC10B;WFDC13;WFDC10B	0.12643	0.164759	0.363802	-2.74875	0.778269	1.21239	1.21239	0.162211	0.36128	-2.76794	0.24764	0.438393	-2.28106	0.303456	0.483272	-2.06923	0.272422	0.458701	-2.18007	0.0233885	0.15755	-6.34717	0.0540513	0.224955	-4.44533	0.0219981	0.15346	-6.51637	2.30841	17.0172	6.55273	1
cg18040125	ATAD3B	0.126431	0.649943	1.06598	1.06598	0.0835539	1.30714	1.30714	0.164393	0.812642	-1.23055	0.867899	1.02355	1.02355	0.16413	0.812523	-1.23073	0.576357	0.924099	-1.08213	0.103977	1.28223	1.28223	0.0373989	1.40184	1.40184	0.571975	0.923242	-1.08314	2.30841	0.714983	0.275316	1
cg19926902	SCN4B;SCN4B;SCN4B;SCN4B	0.126431	0.20315	0.57253	-1.74663	0.283797	0.629851	-1.58768	0.579421	0.792621	-1.26164	0.974745	1.01323	1.01323	0.0378185	0.367927	-2.71793	0.312617	0.648167	-1.54281	0.0204477	0.313598	-3.18879	0.0189359	0.307338	-3.25375	0.546452	0.77618	-1.28836	2.3084	6.30082	2.42623	1
cg00691830	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.126436	0.453157	0.769342	-1.29981	0.0609793	0.48452	-2.0639	0.757631	0.899235	-1.11206	0.255504	1.50278	1.50278	0.054437	0.472935	-2.11445	0.0135565	0.350539	-2.85275	0.366142	0.727177	-1.37518	0.626615	0.845163	-1.1832	0.982588	0.99254	-1.00752	2.30836	4.30437	1.6575	1
cg02503646	PHF7;PHF7;BAP1	0.126437	0.530716	0.874447	-1.14358	0.370046	1.21467	1.21467	0.0854567	1.49428	1.49428	0.394096	0.831593	-1.20251	0.402559	0.834453	-1.19839	0.216123	0.759573	-1.31653	0.0209304	0.555981	-1.79862	0.225251	1.30875	1.30875	0.564105	1.13109	1.13109	2.30836	1.6317	0.628326	1
cg07852735	GGH	0.126437	0.618969	1.06648	1.06648	0.391235	0.893351	-1.11938	0.179501	1.20085	1.20085	0.0572661	1.318	1.318	0.758534	0.961189	-1.04038	0.164325	1.20984	1.20984	0.069201	0.770284	-1.29822	0.830338	0.972829	-1.02793	0.0624081	1.30899	1.30899	2.30836	0.602531	0.232019	1
cg17317869	KRT76	0.12644	0.0226428	0.341012	-2.93245	0.364097	0.692349	-1.44436	0.138558	0.533346	-1.87496	0.504059	0.765465	-1.3064	0.0434397	0.400311	-2.49806	0.236376	0.613173	-1.63086	0.16704	0.559505	-1.78729	0.0469349	0.407967	-2.45118	0.0425189	0.398217	-2.5112	2.30833	5.68131	2.18775	1
cg26213438	SLC12A7	0.12644	0.0285476	0.402488	-2.48454	0.286391	0.677091	-1.47691	0.0275216	0.399256	-2.50466	0.0611371	0.475564	-2.10277	0.146714	0.57774	-1.73088	0.22804	0.640399	-1.56153	0.72899	1.13033	1.13033	0.222964	0.636954	-1.56997	0.0852827	0.511656	-1.95444	2.30833	4.53572	1.74661	1
cg00937982	SIM2;SIM2	0.126445	0.905001	0.938828	-1.06516	0.146212	2.28115	2.28115	0.256852	0.534897	-1.86952	0.710883	0.821315	-1.21756	0.0489031	3.28369	3.28369	0.487088	0.688454	-1.45253	0.0455307	3.36162	3.36162	0.116496	2.46391	2.46391	0.343023	0.596621	-1.67611	2.30829	10.219	3.93518	1
cg01860271	EYS	0.126446	0.0416703	0.18547	-5.39171	0.0355006	0.172675	-5.79124	0.0356593	0.173019	-5.77972	0.608523	0.690279	-1.44869	0.228037	0.403396	-2.47895	0.0495697	0.200384	-4.99041	0.265948	0.4353	-2.29726	0.71842	1.29667	1.29667	0.864472	0.88464	-1.1304	2.30828	18.8205	7.24753	1
cg19482537	CYFIP2;CYFIP2	0.126449	0.502745	0.853635	-1.17146	0.960114	1.0117	1.0117	0.389884	1.22753	1.22753	0.301802	0.779653	-1.28262	0.0440409	0.583698	-1.71322	0.42645	0.827835	-1.20797	0.267732	1.30816	1.30816	0.0282187	1.82734	1.82734	0.298456	1.285	1.285	2.30826	1.9791	0.762135	1
cg19512848	C14orf48;C14orf48;C14orf48	0.126452	0.182438	0.716841	-1.39501	0.964161	1.01063	1.01063	0.749222	0.927322	-1.07837	0.956952	0.987381	-1.01278	0.0095091	0.461688	-2.16596	0.0536731	0.597216	-1.67444	0.245633	1.33068	1.33068	0.308248	0.780271	-1.28161	0.957245	1.01269	1.01269	2.30823	2.02343	0.779214	1
cg09824402	NTNG1;NTNG1;NTNG1	0.126454	0.892666	0.98538	-1.01484	0.0668858	1.25119	1.25119	0.785621	0.970695	-1.03019	0.995645	0.999405	-1.0006	0.923245	0.989542	-1.01057	0.15562	0.847262	-1.18027	0.238486	1.14418	1.14418	0.0230662	0.743455	-1.34507	0.138561	0.840341	-1.18999	2.30822	0.435056	0.167539	1
cg09497644	WDR72	0.126454	0.052688	10.907	10.907	0.286854	3.31935	3.31935	0.597538	1.78243	1.78243	0.589	0.553359	-1.80715	0.495554	0.472037	-2.11848	0.318808	3.05787	3.05787	0.825742	0.787252	-1.27024	0.015874	24.6469	24.6469	0.0573142	10.3057	10.3057	2.30822	43.0229	16.568	1
cg20856181	IQCE;IQCE	0.126456	0.115687	0.673027	-1.48582	0.860879	0.960194	-1.04146	0.360108	0.804232	-1.24342	0.322169	1.26721	1.26721	0.00872339	0.461258	-2.16798	0.654113	1.11008	1.11008	0.595077	1.13226	1.13226	0.166568	0.710681	-1.4071	0.251274	0.757633	-1.3199	2.30819	1.96013	0.754849	1
cg19658926	CBX3;CBX3;HNRNPA2B1;HNRNPA2B1	0.126457	0.0414738	0.456849	-2.18891	0.599006	1.19339	1.19339	0.121723	1.74888	1.74888	0.796683	1.08984	1.08984	0.060901	2.02161	2.02161	0.226862	1.52616	1.52616	0.406133	0.753389	-1.32733	0.607256	0.84135	-1.18857	0.135746	1.70864	1.70864	2.30819	4.05853	1.56295	1
cg18533225	KLHDC7B	0.12646	0.260243	2.03808	2.03808	0.220924	2.18196	2.18196	0.222796	2.17439	2.17439	0.633417	1.3382	1.3382	0.175981	2.39259	2.39259	0.465848	0.637645	-1.56827	0.0124307	6.59438	6.59438	0.806892	1.16008	1.16008	0.026643	4.91749	4.91749	2.30817	13.439	5.17544	1
cg02744945	FRY	0.126461	0.90892	1.04228	1.04228	0.368942	1.39636	1.39636	0.312419	1.45946	1.45946	0.127218	1.81623	1.81623	0.0173008	0.350299	-2.85471	0.410338	1.35611	1.35611	0.142695	1.76836	1.76836	0.424158	0.744288	-1.34357	0.266576	1.52015	1.52015	2.30816	4.7854	1.84289	1
cg06032021	MYOZ1;MYOZ1	0.126462	0.636125	0.918116	-1.08919	0.285608	0.819715	-1.21994	0.760524	0.946676	-1.05633	0.600556	1.09933	1.09933	0.0418038	0.656669	-1.52284	0.0138078	0.579539	-1.72551	0.0826283	0.708521	-1.41139	0.983899	0.996389	-1.00362	0.0911659	0.716398	-1.39587	2.30815	1.17462	0.452358	1
cg20025963	PYCR1;PYCR1;PYCR1;PYCR1	0.126463	0.717389	1.06919	1.06919	0.36942	1.18491	1.18491	0.0910839	1.40855	1.40855	0.224943	1.2644	1.2644	0.881127	1.02793	1.02793	0.309707	0.824082	-1.21347	0.0323715	0.630573	-1.58586	0.205013	0.781819	-1.27907	0.149855	1.32865	1.32865	2.30814	1.23842	0.476929	1
cg26990380	PDLIM5;PDLIM5;PDLIM5;PDLIM5;PDLIM5	0.126463	0.179319	0.612332	-1.6331	0.428159	0.757179	-1.32069	0.581189	0.825646	-1.21117	0.281454	0.680512	-1.46948	0.0261264	0.40352	-2.47819	0.151932	0.589902	-1.6952	0.17088	0.605681	-1.65103	0.726512	0.886258	-1.12834	0.00798579	0.31064	-3.21917	2.30814	4.3223	1.66456	1
cg17123010	GCLM	0.126467	0.997444	0.998787	-1.00121	0.313208	1.48488	1.48488	0.026216	2.71679	2.71679	0.804462	1.09857	1.09857	0.316472	0.675366	-1.48068	0.966152	1.01621	1.01621	0.296282	0.66336	-1.50748	0.394053	1.39216	1.39216	0.0306199	0.381877	-2.61864	2.30811	5.25071	2.02213	1
cg16050784	ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;ASPH	0.126471	0.707302	1.05554	1.05554	0.92226	1.01408	1.01408	0.0254972	1.46283	1.46283	0.91003	1.01633	1.01633	0.449658	1.11671	1.11671	0.0497589	1.37809	1.37809	0.219286	0.831011	-1.20335	0.955785	0.992087	-1.00798	0.0343006	1.4245	1.4245	2.30808	0.750559	0.289056	1
cg12016809	C21orf56;C21orf56;C21orf56;C21orf56	0.126472	0.131389	0.304204	-3.28727	0.0229496	0.136983	-7.30017	0.0334989	0.162839	-6.14103	0.192279	0.364793	-2.74128	0.996916	1.00283	1.00283	0.0863008	0.250413	-3.9934	0.0549116	0.203805	-4.90664	0.157285	0.331186	-3.01946	0.377184	0.515761	-1.93888	2.30807	19.516	7.51606	1
cg16440629	WNT3	0.126473	0.351387	0.550887	-1.81525	0.0331738	4.70196	4.70196	0.581984	1.41288	1.41288	0.54464	0.683061	-1.464	0.351553	0.551007	-1.81486	0.251436	2.10618	2.10618	0.834213	0.877839	-1.13916	0.737146	1.23295	1.23295	0.0168558	6.12662	6.12662	2.30806	14.1269	5.44062	1
cg04953732	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.126478	0.0602779	0.5152	-1.94099	0.751469	1.10456	1.10456	0.0164992	2.50145	2.50145	0.52093	1.22587	1.22587	0.534107	1.21785	1.21785	0.77742	1.09276	1.09276	0.122257	0.592032	-1.6891	0.451505	0.786554	-1.27137	0.734597	1.11238	1.11238	2.30802	3.58084	1.37909	1
cg06000951	MOCS1;MOCS1;MOCS1	0.126479	0.406067	1.18117	1.18117	0.0300091	0.606516	-1.64876	0.892342	0.973823	-1.02688	0.252264	1.26398	1.26398	0.221801	0.777599	-1.28601	0.997706	0.999437	-1.00056	0.763353	0.942566	-1.06093	0.0519344	1.54219	1.54219	0.150634	1.35224	1.35224	2.30801	1.40264	0.540202	1
cg10057631	PPP1R15B	0.126479	0.792192	0.96845	-1.03258	0.213465	0.852951	-1.1724	0.916411	0.987335	-1.01283	0.132008	0.820883	-1.2182	0.0214751	0.715061	-1.39848	0.0131656	0.688526	-1.45238	0.215409	0.853585	-1.17153	0.649303	1.05716	1.05716	0.566643	0.932095	-1.07285	2.30801	0.538814	0.207515	1
cg26029547	STK19;STK19;DOM3Z;STK19	0.126482	0.0555465	0.131168	-7.6238	0.174182	0.258379	-3.87028	0.846097	0.833663	-1.19952	0.159505	0.244795	-4.08505	0.048475	0.121185	-8.25187	0.10207	0.187268	-5.33994	0.0500007	0.123387	-8.10456	0.0281024	0.0882036	-11.3374	0.187815	0.270718	-3.69388	2.30798	32.0369	12.3386	1
cg12803069	TBCD	0.126483	0.0605568	0.329602	-3.03396	0.850342	0.905678	-1.10415	0.364831	0.613615	-1.62969	0.433262	0.657431	-1.52107	0.0068549	0.159367	-6.27484	0.209702	0.49987	-2.00052	0.0630316	0.333937	-2.99458	0.393845	0.632489	-1.58106	0.158646	0.453707	-2.20407	2.30798	10.0556	3.8728	1
cg04553690	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGB5;PCDHGA5;PCDHGB1;PCDHGB4;PCDHGA3;PCDHGA2;PCDHGB5	0.126483	0.0364282	9.57981	9.57981	0.213394	3.37882	3.37882	0.182741	3.72034	3.72034	0.124539	4.68927	4.68927	0.790181	1.2812	1.2812	0.386358	2.28218	2.28218	0.0520316	7.79798	7.79798	0.0186967	14.1292	14.1292	0.080771	6.04609	6.04609	2.30797	31.5611	12.1554	1
cg03790427	C8orf74	0.126484	0.067558	0.327774	-3.05089	0.402241	0.62694	-1.59505	0.688529	0.802948	-1.24541	0.28127	0.543394	-1.84029	0.0443253	0.284205	-3.51859	0.106627	0.383066	-2.61052	0.01427	0.192818	-5.18625	0.0719932	0.334925	-2.98574	0.178572	0.459145	-2.17796	2.30797	10.8431	4.17611	1
cg23005057	DPYSL5	0.126485	0.0580032	0.400573	-2.49642	0.0412104	0.365866	-2.73324	0.0163858	0.285775	-3.49926	0.153937	0.521169	-1.91876	0.152142	0.519475	-1.92502	0.153163	0.52044	-1.92145	0.270824	0.612951	-1.63145	0.747231	0.871047	-1.14804	0.0906953	0.451247	-2.21608	2.30796	6.66268	2.56607	1
cg04904276	TXNDC11	0.126485	0.0290874	0.0859738	-11.6314	0.119512	0.199576	-5.01063	0.195994	0.271325	-3.68562	0.33539	0.387642	-2.5797	0.0459726	0.112822	-8.86352	0.508969	0.527742	-1.89486	0.188348	0.264552	-3.77997	0.0166724	0.0615283	-16.2527	0.162403	0.241023	-4.14899	2.30796	33.2659	12.812	1
cg13071208	CYHR1	0.126489	0.476834	0.799628	-1.25058	0.927773	1.02842	1.02842	0.273675	1.4221	1.4221	0.513842	1.22712	1.22712	0.300144	0.717549	-1.39363	0.466317	0.795197	-1.25755	0.0355398	0.469311	-2.13078	0.0149579	0.396565	-2.52165	0.566574	1.19612	1.19612	2.30793	3.49295	1.3453	1
cg05442111	NAALAD2	0.12649	0.0527501	0.573907	-1.74244	0.546559	0.857375	-1.16635	0.0956018	0.630215	-1.58676	0.737311	0.918606	-1.08861	0.00830976	0.427056	-2.34161	0.513251	0.846019	-1.18201	0.324516	0.773683	-1.29252	0.590905	1.14666	1.14666	0.137491	0.66805	-1.49689	2.30792	2.32482	0.895398	1
cg05242371	DMPK;DMPK;DMPK;DMWD	0.12649	0.441846	1.49536	1.49536	0.00528259	6.59741	6.59741	0.232075	1.90225	1.90225	0.415923	1.53206	1.53206	0.834307	1.11346	1.11346	0.237907	1.88574	1.88574	0.395821	0.64008	-1.5623	0.0903037	2.60568	2.60568	0.843422	1.10679	1.10679	2.30792	9.62242	3.70605	1
cg02779467	PRPSAP2	0.126495	0.0596594	4.2117	4.2117	0.501919	1.57368	1.57368	0.557526	1.48355	1.48355	0.0300803	5.68389	5.68389	0.0980342	3.39472	3.39472	0.213311	0.416069	-2.40345	0.743387	1.24381	1.24381	0.346974	0.524274	-1.9074	0.32667	0.508911	-1.96498	2.43853	16.66	5.31375	1
cg14201097	RTN4R	0.126498	0.0307238	0.442203	-2.26141	0.336183	1.37553	1.37553	0.487876	1.25432	1.25432	0.30355	0.709906	-1.40864	0.0391611	0.464214	-2.15418	0.126227	0.587476	-1.7022	0.0963649	0.555996	-1.79857	0.938209	1.02524	1.02524	0.364985	0.741349	-1.34889	2.30785	3.77847	1.45531	1
cg00697916	MAGI1;MAGI1	0.126499	0.505809	1.34869	1.34869	0.158066	0.512387	-1.95165	0.21082	0.557565	-1.79351	0.301215	0.622131	-1.60738	0.324397	1.56975	1.56975	0.78414	1.12937	1.12937	0.0166801	3.65052	3.65052	0.49364	1.36071	1.36071	0.202202	0.550679	-1.81594	2.30784	7.17547	2.7637	1
cg14394253	NINJ1	0.126501	0.237534	0.685549	-1.45868	0.875441	1.04902	1.04902	0.0823257	1.79895	1.79895	0.428449	0.781414	-1.27973	0.0771588	0.549047	-1.82134	0.890027	1.04311	1.04311	0.0267655	0.449041	-2.22697	0.308881	0.72519	-1.37895	0.355004	1.33684	1.33684	2.30782	3.40256	1.31054	1
cg12970695	INSM2	0.126502	0.102375	2.46191	2.46191	0.0427733	0.308706	-3.23933	0.522192	0.721138	-1.3867	0.325958	1.66726	1.66726	0.559061	1.34686	1.34686	0.639754	1.26819	1.26819	0.0271733	0.267717	-3.73529	0.814263	0.88815	-1.12594	0.697165	1.21787	1.21787	2.30781	9.28505	3.57627	1
cg24145935	GLIS1	0.126502	0.0806781	0.376272	-2.65765	0.0179175	0.234192	-4.27	0.136634	0.445265	-2.24585	0.976512	0.985255	-1.01497	0.0406547	0.303444	-3.2955	0.30843	0.587487	-1.70216	0.0791329	0.373983	-2.67392	0.114431	0.4205	-2.37812	0.804431	0.882338	-1.13335	2.30781	9.30509	3.58399	1
cg14086681	PTPRN2;PTPRN2;PTPRN2	0.126503	0.187915	0.727798	-1.37401	0.225344	1.33635	1.33635	0.0255968	1.8292	1.8292	0.599439	1.12826	1.12826	0.858801	1.04138	1.04138	0.0419539	1.70529	1.70529	0.622773	1.11952	1.11952	0.959234	0.988429	-1.01171	0.17578	0.720516	-1.38789	2.30781	1.89506	0.72991	1
cg09267513	GDPD1;GDPD1;GDPD1;GDPD1;GDPD1;GDPD1	0.126503	0.074025	2.53473	2.53473	0.255364	1.74145	1.74145	0.626658	1.25734	1.25734	0.017672	0.259742	-3.84998	0.112886	2.23918	2.23918	0.433442	1.45267	1.45267	0.678162	0.822883	-1.21524	0.915094	0.951401	-1.05108	0.490155	1.38743	1.38743	2.3078	7.97626	3.07219	1
cg22251298	DBF4B;DBF4B	0.126505	0.129511	2.05516	2.05516	0.377245	0.671346	-1.48954	0.201193	1.8106	1.8106	0.0847496	2.3127	2.3127	0.153216	1.95942	1.95942	0.209384	1.78939	1.78939	0.0419589	0.356705	-2.80344	0.797484	1.11973	1.11973	0.419928	1.43679	1.43679	2.30779	7.06945	2.72293	1
cg26552163	IFT140;TMEM204	0.126508	0.211136	0.445936	-2.24247	0.020433	5.54322	5.54322	0.905468	1.07554	1.07554	0.38808	0.581434	-1.71989	0.158163	0.396588	-2.52151	0.446734	1.60864	1.60864	0.154806	0.393206	-2.5432	0.147189	0.38539	-2.59478	0.807192	1.1617	1.1617	2.30777	13.7337	5.28983	1
cg01646407	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.12651	0.146582	1.56405	1.56405	0.104823	1.66333	1.66333	0.0632943	1.82125	1.82125	0.467087	1.23667	1.23667	0.626645	1.1511	1.1511	0.344918	0.756354	-1.32213	0.0104685	2.52178	2.52178	0.234887	1.4296	1.4296	0.636374	1.14649	1.14649	2.30775	3.01162	1.16	1
cg04576298	KRT31	0.126511	0.331014	0.702901	-1.42267	0.0740798	0.496762	-2.01304	0.0232138	0.3853	-2.59538	0.842302	1.07252	1.07252	0.0781446	0.502621	-1.98957	0.155546	0.586177	-1.70597	0.14344	0.575449	-1.73777	0.0351251	0.422015	-2.36958	0.976789	0.989826	-1.01028	2.30774	4.51541	1.73923	1
cg19038451	ULBP3	0.126511	0.353793	0.60439	-1.65456	0.582592	0.746049	-1.34039	0.0108463	0.184787	-5.41164	0.791237	1.1503	1.1503	0.0325001	0.266867	-3.74719	0.568085	0.737461	-1.356	0.0482708	0.303857	-3.29102	0.425846	0.651041	-1.536	0.260914	0.538562	-1.8568	2.30774	10.1817	3.92174	1
cg13050967	PDLIM7;PDLIM7;PDLIM7	0.126511	0.745293	0.869646	-1.14989	0.0104976	3.97467	3.97467	0.178383	1.84537	1.84537	0.0781451	0.432306	-2.31317	0.660486	0.827459	-1.20852	0.633909	0.814179	-1.22823	0.340715	1.52303	1.52303	0.659772	1.20904	1.20904	0.616967	1.24119	1.24119	2.30774	6.71052	2.58474	1
cg08180025	RNF216;RNF216	0.126512	0.0417442	0.228727	-4.37203	0.0246332	0.185997	-5.37644	0.0874999	0.305555	-3.27273	0.18711	0.415268	-2.40808	0.0317594	0.205535	-4.86536	0.169928	0.398999	-2.50627	0.156256	0.385478	-2.59418	0.433513	0.605127	-1.65255	0.139143	0.367695	-2.71964	2.30773	14.4385	5.56142	1
cg06753055	EIF2AK4	0.126513	0.0339373	0.572159	-1.74777	0.0783112	0.643354	-1.55436	0.072383	0.636262	-1.57168	0.138588	0.697988	-1.43269	0.0311566	0.565325	-1.7689	0.284547	0.778263	-1.28491	0.728357	1.0818	1.0818	0.866576	0.96279	-1.03865	0.114003	0.678595	-1.47363	2.30772	1.8587	0.715933	1
cg27068757	SDK1	0.126513	0.716061	0.945386	-1.05777	0.404483	1.14013	1.14013	0.00588368	1.74042	1.74042	0.374362	1.15049	1.15049	0.83604	1.03238	1.03238	0.291263	1.18338	1.18338	0.558458	0.913038	-1.09524	0.176096	0.801601	-1.2475	0.428906	1.1322	1.1322	2.30772	0.863948	0.332775	1
cg09163021	RAPSN;RAPSN	0.126515	0.133578	0.600721	-1.66467	0.788504	0.918805	-1.08837	0.01692	0.399485	-2.50322	0.399133	0.761954	-1.31242	0.0133394	0.380802	-2.62604	0.13829	0.604957	-1.65301	0.735712	0.898796	-1.1126	0.891693	0.958	-1.04384	0.215831	0.663478	-1.50721	2.30771	3.62548	1.39647	1
cg03140678	MAP1S	0.126517	0.720501	1.07721	1.07721	0.819688	0.953832	-1.0484	0.533527	0.877612	-1.13946	0.657035	1.09693	1.09693	0.796086	1.05507	1.05507	0.15442	1.37105	1.37105	0.00430572	0.45373	-2.20395	0.96938	0.992085	-1.00798	0.674372	0.916235	-1.09142	2.3077	1.56643	0.603364	1
cg03442642	PRPF38B	0.126517	0.195846	0.680387	-1.46975	0.720605	0.903837	-1.10639	0.102279	1.65434	1.65434	0.0609785	0.551829	-1.81215	0.771182	1.08556	1.08556	0.0413007	0.515484	-1.93992	0.525602	1.19851	1.19851	0.359432	1.30379	1.30379	0.311192	1.34309	1.34309	2.30769	2.89677	1.11579	1
cg22277106	C7orf50;C7orf50;C7orf50;GPR146	0.126521	0.667003	0.839768	-1.1908	0.101018	2.06377	2.06377	0.792453	1.11225	1.11225	0.778566	0.892502	-1.12045	0.045826	0.397118	-2.51814	0.262878	0.62443	-1.60146	0.0416929	0.387824	-2.57849	0.163447	1.82216	1.82216	0.53822	0.777696	-1.28585	2.30766	5.94835	2.29125	1
cg05533001	MAD1L1;MAD1L1;MAD1L1	0.126521	0.658911	0.85335	-1.17185	0.00547343	0.271413	-3.68443	0.253857	0.653522	-1.53017	0.727135	1.13322	1.13322	0.11681	0.544291	-1.83725	0.221327	0.631952	-1.5824	0.202623	0.618661	-1.61639	0.520387	1.26187	1.26187	0.458885	0.763959	-1.30897	2.30765	4.65783	1.79416	1
cg27659566	FLJ42289	0.126524	0.0162947	0.618663	-1.61639	0.928989	1.01468	1.01468	0.367625	0.859598	-1.16333	0.414467	0.872517	-1.14611	0.0407156	0.679609	-1.47144	0.0371991	0.673399	-1.485	0.46006	1.13084	1.13084	0.472148	0.887314	-1.127	0.605502	0.91835	-1.08891	2.30763	0.976744	0.376237	1
cg01318248	C1orf95	0.126525	0.367685	1.1648	1.1648	0.361561	1.16722	1.16722	0.0575158	1.42496	1.42496	0.913522	1.01807	1.01807	0.338718	1.17654	1.17654	0.387346	1.15729	1.15729	0.0474116	0.688031	-1.45342	0.2646	1.2113	1.2113	0.036344	1.49355	1.49355	2.30763	0.993362	0.382639	1
cg14309884	PUS7	0.126529	0.558221	1.27199	1.27199	0.540682	1.28615	1.28615	0.547027	1.28098	1.28098	0.462205	0.737786	-1.35541	0.566754	0.790356	-1.26525	0.623815	1.22244	1.22244	0.00347812	0.199621	-5.00949	0.99485	1.00263	1.00263	0.612616	0.812639	-1.23056	2.30759	6.03376	2.32422	1
cg06652523	PEG3;PEG3;ZIM2;ZIM2;PEG3;ZIM2;MIMT1;PEG3	0.126531	0.0654822	0.443348	-2.25557	0.602141	1.22991	1.22991	0.049419	0.413866	-2.41624	0.271841	1.56836	1.56836	0.80168	0.905726	-1.10409	0.555625	0.790943	-1.26431	0.535178	0.78108	-1.28028	0.0180895	0.323185	-3.0942	0.277363	0.641164	-1.55966	2.30758	5.65721	2.17918	1
cg06759890	LHFPL2	0.126532	0.0142247	2.45002	2.45002	0.0393253	2.02681	2.02681	0.361663	0.757419	-1.32027	0.340767	1.33762	1.33762	0.498029	0.8156	-1.22609	0.184153	1.51807	1.51807	0.92006	1.03019	1.03019	0.572606	0.844563	-1.18404	0.799843	1.07819	1.07819	2.30757	3.20875	1.23603	1
cg02341811	PYGO2	0.126532	0.00382608	0.0424863	-23.537	0.535113	0.615397	-1.62497	0.962449	1.03699	1.03699	0.554099	1.58803	1.58803	0.750727	0.781924	-1.2789	0.488792	1.72257	1.72257	0.465006	1.77746	1.77746	0.973898	0.975075	-1.02556	0.696421	0.738815	-1.35352	2.43818	22.4979	7.17679	1
cg21638323	KBTBD4;NDUFS3;KBTBD4;KBTBD4;KBTBD4	0.126533	0.517197	0.907117	-1.10239	0.611889	1.07892	1.07892	0.99129	1.00162	1.00162	0.794586	1.03949	1.03949	0.527981	0.909445	-1.09957	0.622303	0.928943	-1.07649	0.00366421	0.558051	-1.79195	0.600367	0.924528	-1.08163	0.251328	1.19473	1.19473	2.30756	0.805431	0.310258	1
cg18283779	C2orf89	0.126536	0.753728	1.2223	1.2223	0.387114	1.76022	1.76022	0.121668	2.91599	2.91599	0.372564	0.557724	-1.793	0.0655304	3.7373	3.7373	0.317459	0.517308	-1.93309	0.730947	1.24628	1.24628	0.0164647	6.48382	6.48382	0.151641	2.66396	2.66396	2.30753	14.8678	5.72725	1
cg20834587	SH3RF1	0.126538	0.0364149	0.313387	-3.19095	0.0591872	0.361911	-2.76311	0.228262	0.546984	-1.82821	0.680419	0.820699	-1.21847	0.131271	0.459632	-2.17565	0.218171	0.539026	-1.8552	0.0319511	0.301443	-3.31738	0.2851	1.69845	1.69845	0.445678	0.690115	-1.44903	2.30752	8.31868	3.20447	1
cg16449659	TIGD4;ARFIP1;ARFIP1;ARFIP1	0.126538	0.914619	1.02121	1.02121	0.130992	1.37589	1.37589	0.481836	0.869448	-1.15016	0.874986	1.03129	1.03129	0.123379	0.721372	-1.38625	0.420511	0.851253	-1.17474	0.0209173	0.580523	-1.72258	0.0597167	0.659819	-1.51557	0.537975	1.12979	1.12979	2.30752	1.39949	0.539102	1
cg22053904	HLA-L	0.126539	0.249984	0.710481	-1.4075	0.97059	1.01054	1.01054	0.9944	1.002	1.002	0.18047	0.667407	-1.49834	0.173795	0.662707	-1.50896	0.88209	0.95868	-1.0431	0.134928	1.58126	1.58126	0.175755	1.5058	1.5058	0.022654	2.17244	2.17244	2.30751	2.9543	1.13804	1
cg04932149	SMC1A;RIBC1;SMC1A;RIBC1	0.126542	0.206322	0.5254	-1.90331	0.136789	0.461219	-2.16817	0.00768021	5.22834	5.22834	0.814258	1.12034	1.12034	0.649068	0.801555	-1.24757	0.30383	0.59798	-1.6723	0.979987	0.987962	-1.01218	0.968203	1.01943	1.01943	0.768077	1.15347	1.15347	2.30748	8.51947	3.28187	1
cg24036116	TTC7B	0.126546	0.503375	0.631593	-1.5833	0.410833	1.76658	1.76658	0.0549166	4.36189	4.36189	0.820072	1.16667	1.16667	0.439405	0.586498	-1.70503	0.00964167	9.17661	9.17661	0.306469	0.488509	-2.04705	0.934017	0.945513	-1.05763	0.715232	1.28137	1.28137	2.30745	16.7313	6.44534	1
cg11445109	CYP2E1	0.126546	0.148201	0.246107	-4.06327	0.0745805	0.166058	-6.02199	0.423397	0.47756	-2.09398	0.151047	4.0182	4.0182	0.0191982	0.0772334	-12.9478	0.403513	0.461774	-2.16556	0.503129	0.54107	-1.84819	0.434504	2.05601	2.05601	0.234803	0.324453	-3.08211	2.30745	29.8576	11.5019	1
cg24334803	ZNF672	0.126548	0.220713	1.26176	1.26176	0.231329	1.2545	1.2545	0.514928	1.12665	1.12665	0.705977	1.07084	1.07084	0.218909	1.26303	1.26303	0.234016	1.25271	1.25271	0.0153844	0.584445	-1.71102	0.953511	1.01058	1.01058	0.110365	1.36919	1.36919	2.30744	1.19186	0.45914	1
cg24229276	BPI	0.126549	0.118277	0.447002	-2.23713	0.219335	0.541573	-1.84647	0.832393	0.904276	-1.10586	0.529435	0.738985	-1.35321	0.0118826	0.225183	-4.44082	0.569234	0.761001	-1.31406	0.0150242	0.241906	-4.13384	0.218577	0.54097	-1.84853	0.515946	0.731449	-1.36715	2.30743	8.23776	3.17343	1
cg00071869	ATP1B3	0.126549	0.59832	0.913762	-1.09438	0.292157	0.830765	-1.20371	0.0976511	0.734698	-1.3611	0.841524	1.03454	1.03454	0.459182	0.879981	-1.13639	0.0361037	1.51207	1.51207	0.0576796	1.43923	1.43923	0.605123	0.915319	-1.09252	0.253713	0.816927	-1.2241	2.30743	1.05169	0.405141	1
cg00739593	AFAP1L2;AFAP1L2	0.126551	0.361893	0.620469	-1.61168	0.0613718	2.92533	2.92533	0.519549	1.39443	1.39443	0.0564776	3.0033	3.0033	0.111759	0.413938	-2.41582	0.435791	0.667037	-1.49917	0.384512	0.635036	-1.57471	0.149457	0.455155	-2.19705	0.491298	0.700469	-1.42761	2.30741	9.47782	3.65116	1
cg14074878	MCF2L;MCF2L	0.126551	0.438462	1.38944	1.38944	0.296456	1.56914	1.56914	0.408671	1.42148	1.42148	0.904026	0.951038	-1.05148	0.0229106	0.322159	-3.10406	0.743358	0.872204	-1.14652	0.0208454	3.1819	3.1819	0.617746	1.23293	1.23293	0.883081	1.06316	1.06316	2.30741	6.32961	2.43837	1
cg24971384	C10orf96	0.126551	0.430487	1.22943	1.22943	0.0909614	1.61275	1.61275	0.0328637	1.89773	1.89773	0.667823	1.11719	1.11719	0.818726	0.942778	-1.0607	0.122192	1.53723	1.53723	0.0122841	2.22662	2.22662	0.169623	1.45576	1.45576	0.252555	1.35903	1.35903	2.30741	2.40774	0.927541	1
cg03403116	PHB2;PHB2;PHB2;PHB2;EMG1	0.126551	0.783193	0.895838	-1.11627	0.15081	0.541165	-1.84787	0.0758186	0.454743	-2.19905	0.0436171	0.396479	-2.5222	0.511078	0.766582	-1.30449	0.116182	0.506185	-1.97556	0.161491	1.81532	1.81532	0.219854	0.597812	-1.67277	0.261267	1.59553	1.59553	2.30741	5.81167	2.23885	1
cg13865502	NRARP	0.126552	0.0994835	0.70954	-1.40936	0.338053	1.20645	1.20645	0.164049	1.32603	1.32603	0.276284	1.24012	1.24012	0.709712	0.931407	-1.07364	0.548966	0.89115	-1.12215	0.0521984	0.657261	-1.52147	0.273404	1.24186	1.24186	0.0983229	1.41135	1.41135	2.3074	1.3198	0.508431	1
cg00524963	FHAD1	0.126554	0.880958	1.03245	1.03245	0.0707999	1.53751	1.53751	0.421052	0.839335	-1.19142	0.167916	1.36773	1.36773	0.0177018	0.540821	-1.84904	0.392976	0.82989	-1.20498	0.728164	0.928347	-1.07718	0.326444	1.24095	1.24095	0.534556	1.14342	1.14342	2.30738	1.6592	0.639187	1
cg01645113	SCHIP1	0.126555	0.28016	1.14086	1.14086	0.0811782	1.25476	1.25476	0.360739	1.1166	1.1166	0.790305	0.9692	-1.03178	0.388181	1.1094	1.1094	0.0985446	1.23695	1.23695	0.114516	0.817512	-1.22322	0.0606764	0.780165	-1.28178	0.560725	0.933278	-1.07149	2.30738	0.50354	0.193983	1
cg03387930	C20orf85	0.126556	0.0372645	0.527273	-1.89655	0.439539	0.811638	-1.23208	0.0763709	1.68526	1.68526	0.548282	1.17447	1.17447	0.0843595	0.603237	-1.65772	0.396431	0.794619	-1.25846	0.676314	1.11757	1.11757	0.993856	1.00204	1.00204	0.0868661	0.606176	-1.64969	2.30737	2.56106	0.98662	1
cg04471779	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.126556	0.126215	0.359142	-2.78442	0.0786717	0.298553	-3.34948	0.121488	0.35376	-2.82678	0.230386	0.458946	-2.17891	0.330333	0.537008	-1.86217	0.0664353	0.279688	-3.57541	0.0353468	0.219414	-4.55759	0.031866	0.210816	-4.74346	0.0596165	0.268265	-3.72766	2.30736	14.0002	5.39343	1
cg00482898	SNRPG	0.12656	0.777349	1.14714	1.14714	0.900452	0.941205	-1.06247	0.44069	1.46333	1.46333	0.429715	0.676851	-1.47743	0.558304	0.750788	-1.33193	0.0038098	0.151171	-6.61503	0.920309	1.04965	1.04965	0.329619	0.614383	-1.62765	0.417546	1.49352	1.49352	2.30733	8.56729	3.3005	1
cg22546130	COMT;COMT;COMT;COMT	0.126561	0.0770071	0.509601	-1.96232	0.0217946	0.389119	-2.56991	0.0472334	0.459152	-2.17793	0.85454	1.06494	1.06494	0.207394	0.633943	-1.57743	0.261052	0.669079	-1.49459	0.749265	1.1162	1.1162	0.18656	0.61876	-1.61613	0.396869	1.34639	1.34639	2.30733	4.29511	1.65467	1
cg08802167	NPC2;NPC2;ISCA2	0.126564	0.297639	0.882657	-1.13294	0.822925	1.02625	1.02625	0.134956	1.20478	1.20478	0.144665	1.19856	1.19856	0.188928	1.17457	1.17457	0.47932	0.920225	-1.08669	0.0297378	0.743974	-1.34413	0.840286	1.0236	1.0236	0.139717	1.20167	1.20167	2.3073	0.488375	0.188147	1
cg18787914	ANXA3;ANXA3	0.126568	0.147466	0.577653	-1.73114	0.130533	0.561839	-1.77987	0.361908	1.39221	1.39221	0.38477	0.730057	-1.36976	0.989166	1.00481	1.00481	0.668519	0.858915	-1.16426	0.0939528	0.521918	-1.91601	0.547244	0.806496	-1.23993	0.00755649	0.297185	-3.36491	2.30727	4.55546	1.75502	1
cg00373293	C10orf28	0.126569	0.176311	0.662902	-1.50852	0.525425	1.20205	1.20205	0.566791	0.847402	-1.18008	0.834083	0.941776	-1.06182	0.0109441	0.401209	-2.49247	0.862055	1.051	1.051	0.0267911	0.472228	-2.11762	0.936563	0.977492	-1.02303	0.215954	0.689065	-1.45124	2.30726	2.98873	1.15143	1
cg07048044	IGF2BP3	0.126572	0.127511	0.467512	-2.13898	0.653336	0.811727	-1.23194	0.32278	0.624232	-1.60197	0.3323	0.63036	-1.5864	0.0304582	0.309294	-3.23317	0.129204	0.469338	-2.13066	0.431307	0.690329	-1.44858	0.0546657	2.73375	2.73375	0.197022	0.532977	-1.87625	2.30724	7.77895	2.99693	1
cg13000134	GRIN2D	0.126572	0.292597	1.43279	1.43279	0.887799	0.954568	-1.04759	0.136459	1.69625	1.69625	0.764059	0.90561	-1.10423	0.076405	1.91411	1.91411	0.187906	1.58344	1.58344	0.0232344	0.409212	-2.44372	0.437988	0.770612	-1.29767	0.62829	1.17431	1.17431	2.30723	3.96402	1.52719	1
cg25723149	DFNA5;DFNA5;DFNA5	0.126573	0.0358542	3.0593	3.0593	0.0357868	3.06094	3.06094	0.167354	1.96215	1.96215	0.27052	1.69112	1.69112	0.978531	0.987752	-1.0124	0.397003	1.48763	1.48763	0.0693005	2.53609	2.53609	0.0235482	3.45049	3.45049	0.387347	1.50046	1.50046	2.30723	7.6636	2.9525	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14387743	VNN3;VNN3	0.126574	0.27649	0.562484	-1.77783	0.303734	0.581891	-1.71854	0.0891928	0.385668	-2.5929	0.0510322	0.323131	-3.09472	0.0333827	0.282582	-3.5388	0.10668	0.408443	-2.44832	0.0403006	0.299923	-3.33419	0.601561	1.30709	1.30709	0.164885	0.470889	-2.12364	2.30722	9.44217	3.63774	1
cg14655552	ACCN1	0.126579	0.0405298	0.203005	-4.92599	0.207777	2.4482	2.4482	0.926641	1.06404	1.06404	0.865351	1.1212	1.1212	0.0336148	0.187689	-5.32797	0.874116	1.1128	1.1128	0.0756965	0.263764	-3.79127	0.216733	0.416376	-2.40168	0.22437	0.42302	-2.36395	2.30718	16.6036	6.3969	1
cg21649277	ARRDC2;ARRDC2	0.126583	0.0120964	0.124839	-8.01031	0.359795	1.87047	1.87047	0.697196	0.771003	-1.29701	0.329367	0.511967	-1.95325	0.292872	0.483966	-2.06626	0.113622	3.1422	3.1422	0.16599	0.374386	-2.67104	0.873418	0.899389	-1.11187	0.604401	1.41567	1.41567	2.30714	16.1629	6.2272	1
cg12420683	KIAA0087	0.126585	0.0508229	0.173976	-5.74793	0.250793	2.56819	2.56819	0.358738	2.09967	2.09967	0.154069	0.301389	-3.31797	0.0522575	0.176356	-5.67036	0.305844	0.434584	-2.30105	0.116166	0.26131	-3.82687	0.163391	0.310603	-3.21954	0.214966	0.358434	-2.78991	2.30713	22.5753	8.69779	1
cg07038617	ABCF2;ABCF2	0.126585	0.856533	0.969554	-1.0314	0.145307	1.30628	1.30628	0.048169	1.47082	1.47082	0.96056	1.00848	1.00848	0.784852	1.04786	1.04786	0.509211	1.1212	1.1212	0.0468579	0.677907	-1.47513	0.639322	1.08398	1.08398	0.0412223	1.49532	1.49532	2.30713	1.06658	0.410932	1
cg15573846	TIRAP;TIRAP	0.126586	0.850001	0.962872	-1.03856	0.0580887	0.651784	-1.53425	0.633046	0.908351	-1.1009	0.0698538	0.666905	-1.49946	0.527102	0.879803	-1.13662	0.14386	1.36863	1.36863	0.197333	0.761591	-1.31304	0.0767002	0.674725	-1.48208	0.0505989	0.640711	-1.56077	2.30712	1.45924	0.562216	1
cg09720701	HOXC4;HOXC4	0.126589	0.0367428	0.778518	-1.28449	0.0409102	0.783902	-1.27567	0.601309	0.947056	-1.0559	0.776155	0.971015	-1.02985	0.302877	1.11641	1.11641	0.0486394	0.792643	-1.2616	0.399877	0.91492	-1.09299	0.505658	0.932687	-1.07217	0.287007	1.12083	1.12083	2.30709	0.389003	0.149877	1
cg05580073	CYTSA;CYTSA	0.12659	0.031154	0.269604	-3.70914	0.032131	0.272309	-3.6723	0.0544633	0.322767	-3.09821	0.270419	0.551721	-1.81251	0.085438	0.373299	-2.67882	0.259147	0.543287	-1.84065	0.0384361	0.288514	-3.46604	0.383608	0.629382	-1.58886	0.446481	0.668875	-1.49505	2.30708	9.81414	3.78126	1
cg08312987	PRDM11	0.126593	0.193455	0.463912	-2.15558	0.0633923	0.311857	-3.2066	0.751428	1.19408	1.19408	0.366345	1.67867	1.67867	0.0113383	0.170401	-5.86849	0.709672	0.81161	-1.23212	0.467308	1.51108	1.51108	0.359256	0.59088	-1.69239	0.224655	0.490713	-2.03785	2.30706	11.3832	4.38585	1
cg05100313	ARID5B	0.126595	0.0107428	0.192392	-5.19773	0.476797	1.4506	1.4506	0.932141	1.04476	1.04476	0.765975	1.16589	1.16589	0.0532896	0.323387	-3.09227	0.312529	1.71115	1.71115	0.687017	0.811991	-1.23154	0.178578	0.479577	-2.08517	0.96628	0.978498	-1.02197	2.30704	9.66048	3.72212	1
cg15766492	H2BFWT;MIR1256	0.126595	0.803225	1.18775	1.18775	0.0296505	0.171296	-5.83783	0.507091	0.628863	-1.59017	0.533053	0.647191	-1.54514	0.00839356	0.0982223	-10.181	0.623568	1.40624	1.40624	0.51685	1.57293	1.57293	0.453737	0.590983	-1.6921	0.545317	0.655839	-1.52476	2.30704	17.3543	6.6865	1
cg22021934	CRK;CRK	0.126597	0.0409238	0.232157	-4.30743	0.270325	0.491455	-2.03478	0.905818	1.07601	1.07601	0.529817	0.674396	-1.48281	0.0244062	0.190149	-5.25904	0.18458	0.418531	-2.38931	0.0330744	0.213881	-4.6755	0.0983094	0.325569	-3.07155	0.145519	0.380101	-2.63088	2.30703	13.9969	5.39293	1
cg05229035	TECPR2	0.126597	0.236961	0.603172	-1.6579	0.125964	0.508866	-1.96516	0.0197831	0.317184	-3.15275	0.459915	0.735653	-1.35934	0.0144658	0.292426	-3.41967	0.597606	1.24277	1.24277	0.720436	0.863616	-1.15792	0.927608	0.963601	-1.03777	0.22812	0.59681	-1.67557	2.30703	6.08293	2.34373	1
cg19764940	KDM4B	0.1266	0.896189	1.07224	1.07224	0.184078	2.12314	2.12314	0.106166	0.389529	-2.56721	0.199627	2.06277	2.06277	0.844818	1.11039	1.11039	0.270907	1.84497	1.84497	0.0227388	0.232984	-4.29213	0.277934	1.82732	1.82732	0.410912	1.56719	1.56719	2.30701	10.4314	4.01922	1
cg03175975	INHBB	0.1266	0.0564419	0.321305	-3.11231	0.0204854	0.23043	-4.33971	0.0315613	0.265721	-3.76335	0.295289	0.565216	-1.76924	0.13663	0.430433	-2.32324	0.284969	0.55776	-1.79289	0.0515229	0.31188	-3.20636	0.21196	0.500985	-1.99607	0.433168	0.65675	-1.52265	2.30701	10.0968	3.89031	1
cg08988156	CDH3	0.1266	0.148435	0.555633	-1.79975	0.0379191	2.49049	2.49049	0.373372	0.7072	-1.41403	0.683886	0.856246	-1.16789	0.017186	0.33262	-3.00643	0.554486	0.797192	-1.2544	0.820748	0.917557	-1.08985	0.48845	0.765808	-1.30581	0.348296	0.693445	-1.44207	2.307	5.25156	2.02343	1
cg07454742	ASB16;C17orf65	0.126601	0.338148	1.48196	1.48196	0.0323392	0.368491	-2.71377	0.0920842	2.09326	2.09326	0.231834	1.64803	1.64803	0.659942	1.19291	1.19291	0.132125	0.523391	-1.91062	0.225897	0.602525	-1.65968	0.829885	0.917854	-1.0895	0.325121	0.667114	-1.499	2.307	5.79899	2.23436	1
cg27395342	DLC1;DLC1	0.126601	0.0342397	0.36422	-2.74559	0.46077	1.35935	1.35935	0.0231309	0.329463	-3.03524	0.940897	0.970139	-1.03078	0.158656	1.85155	1.85155	0.850025	1.08047	1.08047	0.306783	1.54122	1.54122	0.857263	0.929036	-1.07638	0.522334	0.76713	-1.30356	2.30699	6.10738	2.35319	1
cg22252475	DDX26B	0.126602	0.00509759	0.0819619	-12.2008	0.0549	0.229635	-4.35474	0.569924	0.678372	-1.47412	0.647662	1.36475	1.36475	0.228256	0.425431	-2.35056	0.279906	0.468072	-2.13643	0.733845	0.794019	-1.25942	0.969549	1.02613	1.02613	0.497909	0.628115	-1.59206	2.30698	16.6878	6.42988	1
cg03807316	DLL3;DLL3	0.126602	0.0787249	5.21659	5.21659	0.060262	6.00594	6.00594	0.301157	2.47519	2.47519	0.238267	2.84348	2.84348	0.495771	1.7952	1.7952	0.0629374	5.87024	5.87024	0.0198789	10.7861	10.7861	0.0385258	7.59765	7.59765	0.207381	3.07954	3.07954	2.30698	26.1501	10.0757	1
cg10498813	EXTL1	0.126603	0.313059	0.890606	-1.12283	0.513331	1.07638	1.07638	0.717448	1.04117	1.04117	0.79014	1.03006	1.03006	0.294586	0.886306	-1.12828	0.041751	0.7706	-1.29769	0.0189385	0.729405	-1.37098	0.0513581	0.781682	-1.27929	0.913632	0.988027	-1.01212	2.30698	0.450404	0.173543	1
cg16567723	TMCO3	0.126604	0.329446	2.47153	2.47153	0.922603	0.916342	-1.0913	0.0252673	10.931	10.931	0.0669461	6.33631	6.33631	0.639271	1.52871	1.52871	0.288489	0.371334	-2.693	0.0719445	6.08577	6.08577	0.16319	3.81167	3.81167	0.0888941	5.4031	5.4031	2.30697	29.5313	11.3786	1
cg07658590	SLC19A1	0.126604	0.178744	0.563828	-1.77359	0.651693	0.833372	-1.19994	0.807517	0.906733	-1.10286	0.713056	1.1597	1.1597	0.00758656	0.252224	-3.96473	0.533796	0.776642	-1.2876	0.0402918	0.386626	-2.58648	0.334198	0.670648	-1.4911	0.116543	0.504576	-1.98186	2.30697	5.87864	2.26508	1
cg14789272	CDC20B;GPX8;CDC20B;CDC20B	0.126604	0.211294	0.65816	-1.51939	0.186257	0.640765	-1.56064	0.908834	0.964269	-1.03705	0.0938645	0.557017	-1.79528	0.911583	1.03591	1.03591	0.0526283	0.496671	-2.01341	0.13931	0.603281	-1.6576	0.0817684	1.84533	1.84533	0.337891	1.36862	1.36862	2.30697	3.68629	1.42035	1
cg16476345	TBCD	0.126604	0.368276	1.2165	1.2165	0.247565	1.29223	1.29223	0.605393	0.895362	-1.11687	0.622218	1.11106	1.11106	0.0218355	0.557888	-1.79247	0.912803	0.977038	-1.0235	0.0329088	1.69744	1.69744	0.630073	1.10839	1.10839	0.390186	0.829671	-1.2053	2.30697	1.64316	0.63312	1
cg04240809	SOX2OT	0.126607	0.22802	0.323369	-3.09244	0.0515824	0.138493	-7.22057	0.0601115	0.150752	-6.63339	0.593534	1.61715	1.61715	?	?	?	?	?	?	0.659582	0.673336	-1.48514	0.0974831	5.0655	5.0655	0.647783	0.663389	-1.50741	2.35493	23.0931	11.2072	1
cg18409082	LOC92249	0.126608	0.0634925	0.262181	-3.81416	0.0360591	0.209246	-4.77906	0.153377	0.375002	-2.66665	0.119817	2.95284	2.95284	0.241085	0.455057	-2.19753	0.0794765	0.286824	-3.48646	0.866208	1.11425	1.11425	0.895927	0.919464	-1.08759	0.813867	0.859576	-1.16336	2.30693	15.039	5.79472	1
cg11472521	DLX4;DLX4	0.12661	0.0184642	3.38585	3.38585	0.931804	1.0372	1.0372	0.0738474	0.427292	-2.34032	0.539514	0.767142	-1.30354	0.480198	1.35833	1.35833	0.196817	0.558599	-1.79019	0.443849	0.71667	-1.39534	0.314302	1.55904	1.55904	0.331628	1.53334	1.53334	2.30692	6.65369	2.56376	1
cg14551616	CREB5	0.126611	0.00481463	0.15396	-6.49521	0.369866	0.63087	-1.58511	0.333286	1.64744	1.64744	0.49633	1.41271	1.41271	0.963683	0.977481	-1.02304	0.734356	1.18575	1.18575	0.51233	1.39433	1.39433	0.606937	1.29638	1.29638	0.407608	0.654601	-1.52765	2.30691	9.14234	3.52268	1
cg02666504	PRICKLE1	0.126612	0.0123405	0.707834	-1.41276	0.629988	1.05531	1.05531	0.265246	0.879179	-1.13743	0.401216	1.09998	1.09998	0.443149	0.916935	-1.09059	0.0263061	0.746592	-1.33942	0.694622	0.957184	-1.04473	0.230832	0.869874	-1.14959	0.644984	0.949847	-1.0528	2.3069	0.449413	0.173167	1
cg26221491	C20orf173;C20orf173	0.126612	0.56161	1.0941	1.0941	0.065247	0.72824	-1.37317	0.0272538	0.670088	-1.49234	0.829381	1.03362	1.03362	0.462339	1.12147	1.12147	0.299576	1.17907	1.17907	0.0653919	1.37288	1.37288	0.931072	0.986832	-1.01334	0.817933	1.03596	1.03596	2.3069	0.857794	0.330523	1
cg21340532	MCF2L	0.126615	0.423336	1.26483	1.26483	0.100003	1.67833	1.67833	0.0664531	1.80638	1.80638	0.769061	0.918894	-1.08826	0.0997011	1.67925	1.67925	0.167524	1.52602	1.52602	0.0192551	2.25564	2.25564	0.433479	0.794832	-1.25813	0.743025	0.909813	-1.09913	2.30688	3.01561	1.16198	1
cg11149658	MCPH1	0.126616	0.839194	1.03984	1.03984	0.335956	1.21015	1.21015	0.338068	0.827074	-1.20908	0.420981	1.17123	1.17123	0.8356	1.04076	1.04076	0.375636	1.19102	1.19102	0.00555747	2.01441	2.01441	0.29697	0.812302	-1.23107	0.500356	0.876767	-1.14055	2.30686	1.3504	0.520339	1
cg04665639	SPR	0.126617	0.176583	0.824876	-1.2123	0.533695	0.918993	-1.08815	0.158985	1.22354	1.22354	0.375881	1.12952	1.12952	0.340695	1.14064	1.14064	0.208807	0.837309	-1.1943	0.275351	1.16426	1.16426	0.0721467	1.30862	1.30862	0.0396375	1.37557	1.37557	2.30686	0.6562	0.25285	1
cg01716827	KIF26A	0.126622	0.856145	0.955921	-1.04611	0.0104033	2.22889	2.22889	0.0848794	1.60536	1.60536	0.966148	1.0106	1.0106	0.835957	0.949795	-1.05286	0.0930091	1.58263	1.58263	0.120575	1.51931	1.51931	0.513484	0.848218	-1.17894	0.379133	1.25125	1.25125	2.30682	2.25469	0.868805	1
cg04836714	GALNT2	0.126623	0.125791	0.301832	-3.3131	0.150236	0.327859	-3.05009	0.0974235	0.268429	-3.72538	0.74939	1.2608	1.2608	0.013791	0.110676	-9.03539	0.557197	0.650973	-1.53616	0.233442	0.405211	-2.46785	0.332378	2.06079	2.06079	0.133132	0.309874	-3.22712	2.30681	19.1028	7.36092	1
cg12090413	MBD1;MBD1;MBD1;MBD1;MBD1;MBD1;MBD1;MBD1;MBD1;MBD1	0.126625	0.771191	1.09563	1.09563	0.286024	1.41484	1.41484	0.258089	1.44715	1.44715	0.577091	0.838252	-1.19296	0.0190137	0.410959	-2.43333	0.292811	0.710488	-1.40748	0.0786058	1.84378	1.84378	0.242078	1.46736	1.46736	0.865401	0.948254	-1.05457	2.3068	3.58364	1.3809	1
cg23287466	LEPRE1;LEPRE1	0.126626	0.466052	0.887489	-1.12677	0.0651725	1.39534	1.39534	0.286104	1.19513	1.19513	0.136838	1.29417	1.29417	0.129041	0.768026	-1.30204	0.325032	1.17766	1.17766	0.0404143	1.46361	1.46361	0.54813	0.906843	-1.10273	0.543047	0.905687	-1.10413	2.30679	0.945919	0.364497	1
cg21534299	ERI3	0.126628	0.878965	1.04276	1.04276	0.466511	0.815787	-1.22581	0.0709862	0.574503	-1.74063	0.0623299	0.561862	-1.7798	0.0748719	0.579776	-1.7248	0.0922093	1.66407	1.66407	0.229853	1.41365	1.41365	0.731183	1.09939	1.09939	0.683027	0.893322	-1.11942	2.30677	2.75826	1.06286	1
cg03729288	NEURL4;NEURL4	0.126628	0.185311	1.46759	1.46759	0.239394	1.4	1.4	0.702042	1.11069	1.11069	0.329881	0.75987	-1.31601	0.569761	1.16986	1.16986	0.256413	0.723593	-1.38199	0.0149096	0.441444	-2.26529	0.299137	1.34164	1.34164	0.318661	1.32508	1.32508	2.30677	2.72497	1.05004	1
cg06957677	RRP12;RRP12	0.126629	0.0494913	0.704448	-1.41955	0.270238	0.835743	-1.19654	0.195739	0.807461	-1.23845	0.594713	0.919495	-1.08755	0.0140841	0.6227	-1.60591	0.249557	0.828537	-1.20695	0.209998	1.22936	1.22936	0.17765	0.799381	-1.25097	0.395262	0.872767	-1.14578	2.30676	0.892556	0.343938	1
cg04566561	PTPLB	0.126633	0.0478583	1.48025	1.48025	0.197178	1.26664	1.26664	0.0907937	1.3813	1.3813	0.589608	0.909907	-1.09901	0.200401	1.26426	1.26426	0.444348	1.14476	1.14476	0.0751936	0.70929	-1.40986	0.664969	0.927241	-1.07847	0.148877	1.30787	1.30787	2.30673	1.09814	0.423163	1
cg26327548	FYB;FYB	0.126636	0.254728	1.21277	1.21277	0.724452	1.05909	1.05909	0.249342	1.21568	1.21568	0.370279	1.16096	1.16096	0.148724	0.777837	-1.28562	0.133959	0.769368	-1.29977	0.0178277	1.59554	1.59554	0.576663	1.09581	1.09581	0.227984	1.22786	1.22786	2.3067	0.96134	0.370453	1
cg19388017	NOTCH3	0.126636	0.187313	0.669221	-1.49428	0.131712	1.59621	1.59621	0.347409	1.32056	1.32056	0.942585	0.979512	-1.02092	0.0286731	0.476266	-2.09967	0.0741051	0.564391	-1.77182	0.265589	1.39573	1.39573	0.645958	0.875521	-1.14218	0.709036	1.11374	1.11374	2.3067	3.01746	1.16278	1
cg08263991	OPRL1;C20orf201;OPRL1	0.126637	0.326253	0.846369	-1.18152	0.0629539	0.70874	-1.41095	0.992299	0.998413	-1.00159	0.0368789	1.49025	1.49025	0.450999	1.13472	1.13472	0.0944282	1.35331	1.35331	0.449295	0.880837	-1.13528	0.226095	0.811247	-1.23267	0.748469	0.948432	-1.05437	2.30669	0.989422	0.381276	1
cg05388057	USP33;USP33;USP33	0.12664	0.0719099	1.17906	1.17906	0.543601	0.950847	-1.05169	0.481702	1.06038	1.06038	0.31319	1.08929	1.08929	0.550246	1.0508	1.0508	0.00617707	1.34017	1.34017	0.544199	1.05161	1.05161	0.0868682	1.16769	1.16769	0.340755	1.08382	1.08382	2.30667	0.245552	0.0946246	1
cg20700152	OBFC2B	0.126641	0.424459	1.16662	1.16662	0.107798	0.717812	-1.39312	0.67119	0.922493	-1.08402	0.284217	1.2339	1.2339	0.917759	0.980675	-1.01971	0.0254581	0.605498	-1.65153	0.0441708	0.646092	-1.54777	0.387823	0.846008	-1.18202	0.13519	0.737676	-1.35561	2.30666	1.30401	0.502512	1
cg13753515	SIGLEC1	0.126643	0.904843	1.02271	1.02271	0.646913	1.09046	1.09046	0.0477177	0.653696	-1.52976	0.710422	1.07254	1.07254	0.0705783	0.684256	-1.46144	0.145626	1.34093	1.34093	0.191801	1.29622	1.29622	0.120525	0.728927	-1.37188	0.260915	0.802393	-1.24627	2.30664	1.28796	0.496329	1
cg21914984	CDC42EP3	0.126644	0.0629196	0.655658	-1.52519	0.129135	1.39213	1.39213	0.73379	0.933448	-1.0713	0.729862	0.932454	-1.07244	0.0768038	0.672305	-1.48742	0.0480212	0.633824	-1.57773	0.876539	0.969121	-1.03186	0.223741	1.29418	1.29418	0.557993	1.12697	1.12697	2.30663	1.48697	0.573023	1
cg01153620	REXO1	0.126648	0.942396	0.986429	-1.01376	0.0769665	0.68945	-1.45043	0.0172489	0.577784	-1.73075	0.325228	1.21177	1.21177	0.0850764	0.697671	-1.43334	0.819891	1.04406	1.04406	0.279309	1.23698	1.23698	0.868833	1.03174	1.03174	0.721403	1.07005	1.07005	2.3066	1.30608	0.503319	1
cg03882634	LRTM2;LRTM2;CACNA2D4;LRTM2	0.12665	0.0253051	0.268953	-3.71812	0.227884	0.535234	-1.86834	0.162404	0.478766	-2.0887	0.0178739	0.241352	-4.14332	0.185244	0.499687	-2.00125	0.254204	0.55546	-1.80031	0.0617863	0.35388	-2.82582	0.0874922	0.393937	-2.53847	0.32698	0.6067	-1.64826	2.30659	8.90867	3.43313	1
cg19223119	DIP2C	0.126656	0.069434	0.640099	-1.56226	0.468405	1.17593	1.17593	0.0500612	0.612131	-1.63364	0.138097	0.704164	-1.42012	0.387588	0.823217	-1.21475	0.454609	1.18212	1.18212	0.120789	1.44716	1.44716	0.550062	1.14206	1.14206	0.20256	0.744139	-1.34383	2.30653	1.76276	0.679331	1
cg01828650	TMEM168	0.126658	0.0824697	0.715439	-1.39774	0.548505	0.899698	-1.11148	0.4751	1.13478	1.13478	0.0554222	0.685249	-1.45932	0.0599353	0.691077	-1.44702	0.127361	0.750499	-1.33245	0.0281912	0.636875	-1.57017	0.237784	0.806307	-1.24022	0.880117	1.02662	1.02662	2.30652	1.10714	0.426672	1
cg12062995	RFC1	0.126659	0.218304	1.37615	1.37615	0.369749	1.25499	1.25499	0.851832	0.954941	-1.04718	0.323503	1.28587	1.28587	0.233153	1.36104	1.36104	0.667002	1.11264	1.11264	0.00784984	0.431207	-2.31907	0.794958	0.937801	-1.06632	0.414911	1.22813	1.22813	2.30651	2.22102	0.855942	1
cg12198633	KLHL24	0.126659	0.775532	1.04937	1.04937	0.145421	1.30153	1.30153	0.315406	0.839463	-1.19124	0.321233	0.841341	-1.18858	0.751343	1.05505	1.05505	0.281514	1.20765	1.20765	0.0154772	1.64988	1.64988	0.469736	1.13199	1.13199	0.124134	0.755261	-1.32405	2.30651	1.03809	0.400061	1
cg07187855	DDR1;DDR1	0.126663	0.335558	1.38525	1.38525	0.300099	1.42247	1.42247	0.94146	1.02439	1.02439	0.0525255	2.06151	2.06151	0.218679	0.654054	-1.52892	0.171938	0.620524	-1.61154	0.144331	0.59772	-1.67302	0.84816	1.06493	1.06493	0.0584521	2.01707	2.01707	2.30647	3.93403	1.51613	1
cg13741391	PTH1R	0.126665	0.678111	0.945032	-1.05817	0.0782247	0.767185	-1.30347	0.012236	0.655224	-1.5262	0.366409	1.13394	1.13394	0.567546	0.924714	-1.08142	0.0994294	1.27715	1.27715	0.909544	0.984723	-1.01551	0.669599	0.943515	-1.05987	0.666313	0.942928	-1.06053	2.30647	0.670268	0.258315	1
cg14666397	RUNX1T1;RUNX1T1;RUNX1T1;RUNX1T1;RUNX1T1	0.126667	0.768598	0.811086	-1.23291	0.0100803	10.0178	10.0178	0.0230072	6.88757	6.88757	0.596305	1.46142	1.46142	0.730906	0.782693	-1.27764	0.659729	0.730189	-1.36951	0.931189	0.940548	-1.06321	0.348271	1.98444	1.98444	0.833717	0.861399	-1.1609	2.30645	18.3988	7.09077	1
cg04536432	USP6	0.126667	0.375735	0.860304	-1.16238	0.414608	0.87107	-1.14801	0.0127855	0.599346	-1.66849	0.706439	1.06463	1.06463	0.190576	0.794995	-1.25787	0.737983	0.945945	-1.05714	0.115843	1.32697	1.32697	0.598607	1.09191	1.09191	0.120266	0.756577	-1.32174	2.30645	1.00079	0.385697	1
cg04348080	MDH2	0.12667	0.0616474	0.590692	-1.69293	0.128798	1.50763	1.50763	0.322002	0.774237	-1.29159	0.147665	0.678064	-1.47479	0.815414	1.06023	1.06023	0.102468	0.639594	-1.56349	0.0880771	0.624531	-1.6012	?	?	?	0.178201	0.699225	-1.43015	2.32792	2.04997	0.880605	1
cg00443794	SLC8A2;SLC8A2	0.126671	0.536294	1.11567	1.11567	0.789244	0.954257	-1.04794	0.224745	1.24965	1.24965	0.587163	0.908633	-1.10055	0.794972	0.955506	-1.04657	0.727989	1.06293	1.06293	0.00491412	0.521373	-1.91801	0.756496	0.947089	-1.05587	0.298039	1.20748	1.20748	2.30641	1.1158	0.430029	1
cg15729307	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.126672	0.206841	0.790244	-1.26543	0.0249132	0.62377	-1.60315	0.177552	0.776166	-1.28838	0.879528	0.973536	-1.02718	0.525254	1.12057	1.12057	0.551	0.898818	-1.11257	0.726121	0.939706	-1.06416	0.799658	0.956026	-1.046	0.010153	0.563644	-1.77417	2.30641	1.14221	0.440209	1
cg23832862	IFT81;IFT81;IFT81	0.126673	?	?	?	0.769884	1.30717	1.30717	0.895679	1.12727	1.12727	0.554665	1.72583	1.72583	0.00737078	0.042706	-23.4159	?	?	?	?	?	?	0.623213	0.636224	-1.57177	0.91336	1.10449	1.10449	2.38774	21.0239	11.7399	1
cg16628918	FBXL6;GPR172A;FBXL6	0.126675	0.0798772	0.467074	-2.14099	0.446842	0.738078	-1.35487	0.631854	1.20814	1.20814	0.86341	0.934776	-1.06977	0.0740692	0.458524	-2.18091	0.290271	0.650563	-1.53713	0.0527009	0.422023	-2.36954	0.0121554	0.293982	-3.40156	0.453205	0.741329	-1.34893	2.30638	5.60465	2.16005	1
cg24226087	TYK2	0.126677	0.700746	1.07451	1.07451	0.485315	0.876374	-1.14107	0.0363818	1.57261	1.57261	0.152433	1.33012	1.33012	0.123061	0.73277	-1.36468	0.0847606	0.701324	-1.42587	0.39099	0.849098	-1.17772	0.286056	0.813674	-1.22899	0.442929	0.864509	-1.15673	2.30636	1.26522	0.487626	1
cg15673491	VARS2;VARS2;VARS2	0.12668	0.132291	0.611917	-1.63421	0.31717	0.731491	-1.36707	0.88825	1.04343	1.04343	0.578098	0.843762	-1.18517	0.0754293	0.549643	-1.81936	0.100002	0.57985	-1.72458	0.00964593	0.371387	-2.69261	0.423009	1.28076	1.28076	0.748595	0.907346	-1.10212	2.30634	3.33978	1.28719	1
cg11034245	CYP26B1	0.126681	0.177869	3.37477	3.37477	0.0368984	0.118801	-8.41742	0.195902	0.313553	-3.18925	?	?	?	?	?	?	0.511918	0.573766	-1.74287	0.472899	0.543177	-1.84102	0.12557	4.12857	4.12857	0.452915	1.89572	1.89572	2.66313	21.5706	6.94261	1
cg03290213	CARD14	0.126681	0.241528	1.29971	1.29971	0.00416953	0.440003	-2.27271	0.538919	0.875444	-1.14228	0.841866	1.04364	1.04364	0.866675	0.964709	-1.03658	0.553201	1.13685	1.13685	0.514445	1.15184	1.15184	0.78975	1.05881	1.05881	0.62448	0.899881	-1.11126	2.30633	1.6701	0.643679	1
cg06545139	GAK;TMEM175	0.126687	0.044876	0.60345	-1.65714	0.566667	0.880675	-1.13549	0.114375	0.686078	-1.45756	0.129588	1.43229	1.43229	0.0874849	0.661078	-1.51268	0.950213	0.986394	-1.01379	0.0982011	0.671703	-1.48875	0.346636	1.23692	1.23692	0.732217	1.07827	1.07827	2.30628	1.75818	0.677639	1
cg04845077	DCAF12	0.126689	0.090199	0.760987	-1.31408	0.671332	0.939477	-1.06442	0.372403	0.87463	-1.14334	0.0835791	0.755683	-1.32331	0.0135836	0.639738	-1.56314	0.109252	0.774566	-1.29105	0.446048	0.892598	-1.12033	0.344453	1.15309	1.15309	0.64516	1.07018	1.07018	2.30626	0.781533	0.301222	1
cg00407150	HHATL;HHATL	0.126692	0.209847	1.9427	1.9427	0.0195643	4.12747	4.12747	0.058149	2.93285	2.93285	0.269536	1.78206	1.78206	0.139149	2.22524	2.22524	0.408087	1.52989	1.52989	0.026097	3.76803	3.76803	0.164976	2.10497	2.10497	0.0894282	2.56255	2.56255	2.30624	9.22259	3.55464	1
cg14926286	CHERP;C19orf44	0.126692	0.651416	0.925417	-1.08059	0.944991	0.988309	-1.01183	0.0437403	1.48447	1.48447	0.487499	1.12774	1.12774	0.148712	0.768007	-1.30207	0.124631	1.32755	1.32755	0.0526052	1.45576	1.45576	0.17613	0.782618	-1.27776	0.973995	0.99446	-1.00557	2.30624	1.06085	0.408881	1
cg27509347	EYA3	0.126693	0.0637622	0.302566	-3.30506	0.0658988	0.306147	-3.2664	0.0973518	0.352183	-2.83943	0.348393	0.574763	-1.73985	0.0371362	0.249547	-4.00727	0.146285	0.408777	-2.44632	0.0524158	0.282151	-3.5442	0.502938	1.47695	1.47695	0.257944	0.508054	-1.9683	2.30623	12.0191	4.63253	1
cg11737742	KCNC4;KCNC4;KCNC4;KCNC4;KCNC4	0.126695	0.512646	1.58491	1.58491	0.707704	0.770103	-1.29853	0.116358	3.26561	3.26561	0.112337	3.31664	3.31664	0.27018	0.450995	-2.21732	0.562355	1.50119	1.50119	0.140388	3.00429	3.00429	0.0114831	8.96356	8.96356	0.756911	0.806263	-1.24029	2.30621	17.5694	6.77183	1
cg10074413	PXDNL	0.126696	0.462838	0.841498	-1.18836	0.102229	0.661679	-1.51131	0.318198	0.788017	-1.26901	0.428896	0.829871	-1.20501	0.243785	1.32526	1.32526	0.540258	1.15393	1.15393	0.045924	1.69605	1.69605	0.501934	0.854393	-1.17042	0.0487425	0.59466	-1.68163	2.3062	1.94761	0.750674	1
cg09183671	LOC282997;PDCD4;PDCD4	0.126698	0.0349621	0.260109	-3.84455	0.881718	0.921648	-1.08501	0.385683	0.61425	-1.628	0.631542	0.767374	-1.30315	0.0259242	0.234806	-4.25883	0.0892409	0.358093	-2.79257	0.0352616	0.260867	-3.83338	0.164984	0.444101	-2.25174	0.122118	0.399234	-2.5048	2.30619	10.9689	4.22779	1
cg14185323	SUGT1P1;AQP3	0.126699	0.218856	0.908907	-1.10022	0.589115	1.0411	1.0411	0.624314	1.03713	1.03713	0.523835	1.04887	1.04887	0.027127	0.824324	-1.21312	0.0287581	0.82655	-1.20985	0.383545	1.06822	1.06822	0.275051	0.919548	-1.08749	0.238065	0.912765	-1.09557	2.30618	0.199242	0.0767956	1
cg27509510	KIF3C	0.1267	0.789276	0.879746	-1.13669	0.0691486	0.378077	-2.64497	0.313305	1.6468	1.6468	0.666524	1.23044	1.23044	0.396161	0.65993	-1.51531	0.47807	0.708226	-1.41198	0.0457005	0.33428	-2.99151	0.0202668	0.262158	-3.81449	0.554078	1.33145	1.33145	2.30617	8.35645	3.2209	1
cg19524774	POLQ;POLQ	0.1267	0.679727	1.26301	1.26301	0.169918	0.439439	-2.27563	0.173449	0.442794	-2.25839	0.0206988	0.208702	-4.79151	0.161278	0.431072	-2.3198	0.0359926	0.253594	-3.94332	0.541473	1.41576	1.41576	0.902563	1.07132	1.07132	0.591712	1.356	1.356	2.30617	11.5553	4.45386	1
cg02712746	SIRT5;SIRT5;SIRT5	0.126701	0.172901	0.604538	-1.65416	0.263369	1.49869	1.49869	0.223818	1.55807	1.55807	0.353461	0.718002	-1.39275	0.0118084	0.335885	-2.97721	0.779082	1.1025	1.1025	0.275953	1.48178	1.48178	0.599094	1.2021	1.2021	0.811369	1.0865	1.0865	2.30616	4.39772	1.69506	1
cg17208816	HIST1H4B;HIST1H4B	0.126702	0.00849818	0.14643	-6.82922	0.48327	1.481	1.481	0.743128	1.19831	1.19831	0.487069	0.677608	-1.47578	0.921632	1.0556	1.0556	0.299212	0.551652	-1.81274	0.0401294	0.263387	-3.79669	0.816293	1.13654	1.13654	0.940005	1.04226	1.04226	2.4366	11.4209	3.64563	1
cg09542063	PVRL2;PVRL2	0.126703	0.550583	0.929958	-1.07532	0.878123	0.981717	-1.01862	0.0682194	1.2783	1.2783	0.850584	1.02293	1.02293	0.243374	1.1581	1.1581	0.519184	0.924433	-1.08174	0.79607	1.03163	1.03163	0.864061	1.02082	1.02082	0.00588145	1.54251	1.54251	2.30614	0.528089	0.203549	1
cg16202598	NDUFB5;MRPL47;MRPL47	0.126704	0.833125	1.06193	1.06193	0.0156289	0.429923	-2.326	0.243011	0.706134	-1.41616	0.0592996	0.545323	-1.83378	0.0508488	0.53069	-1.88434	0.135835	0.632692	-1.58055	0.227763	0.697267	-1.43417	0.772061	1.08624	1.08624	0.200513	0.680389	-1.46975	2.30614	2.96258	1.14191	1
cg06097077	NLGN1	0.126704	0.239903	0.642778	-1.55575	0.107245	1.88029	1.88029	0.0920864	1.94635	1.94635	0.771003	0.900488	-1.11051	0.395027	0.731355	-1.36732	0.0574804	0.462265	-2.16326	0.073834	0.488879	-2.04549	0.340403	0.702672	-1.42314	0.878616	0.946591	-1.05642	2.30613	4.71111	1.81587	1
cg00748718	TKT;TKT;TKT	0.126708	0.517339	0.782238	-1.27838	0.0898968	0.496877	-2.01257	0.0228267	0.3609	-2.77085	0.770605	0.89638	-1.1156	0.0720832	0.471841	-2.11936	0.123261	0.535443	-1.86761	0.567595	0.805607	-1.2413	0.598491	1.21995	1.21995	0.0309615	0.38762	-2.57985	2.3061	5.11255	1.97064	1
cg21967637	ARSJ	0.12671	0.301139	0.865019	-1.15604	0.999331	0.999887	-1.00011	0.127623	1.24978	1.24978	0.403792	0.890806	-1.12258	0.128654	1.24891	1.24891	0.0703336	1.31494	1.31494	0.692331	1.0553	1.0553	0.0348207	0.716813	-1.39506	0.740412	1.04603	1.04603	2.30609	0.669069	0.257895	1
cg15053575	LOC728190;LOC439994	0.12671	0.102955	0.843792	-1.18513	0.303413	1.10682	1.10682	0.0217231	1.29995	1.29995	0.877789	0.985456	-1.01476	0.555655	0.94483	-1.05839	0.166401	0.868932	-1.15084	0.0989612	0.841787	-1.18795	0.99956	1.00005	1.00005	0.922069	1.00936	1.00936	2.30609	0.331081	0.127616	1
cg23478350	HIP1R	0.126713	0.641385	1.12211	1.12211	0.010182	2.21644	2.21644	0.0188095	2.01189	2.01189	0.589985	0.874924	-1.14296	0.597403	1.13987	1.13987	0.34861	1.26745	1.26745	0.156397	1.45119	1.45119	0.633317	1.1253	1.1253	0.609108	1.13505	1.13505	2.30606	2.20337	0.849307	1
cg21853542	SGCE;PEG10;SGCE;PEG10;SGCE	0.126717	0.178524	1.38824	1.38824	0.68923	0.911872	-1.09664	0.763674	0.933138	-1.07165	0.0870317	0.648109	-1.54295	0.117288	1.47764	1.47764	0.215233	1.34902	1.34902	0.0205025	1.8978	1.8978	0.842769	0.955445	-1.04663	0.37094	1.23472	1.23472	2.30603	1.92367	0.741504	1
cg16578578	TBCD	0.126718	0.333425	0.812424	-1.23088	0.145651	1.38444	1.38444	0.203517	1.32241	1.32241	0.853627	0.962276	-1.0392	0.0189235	0.55332	-1.80727	0.475197	0.859683	-1.16322	0.340449	1.22697	1.22697	0.911562	0.977132	-1.0234	0.106414	0.692747	-1.44353	2.30603	1.58335	0.610325	1
cg08947915	TACC3	0.126721	0.640183	0.897119	-1.11468	0.762285	0.932432	-1.07246	0.0425831	0.583674	-1.71329	0.0530089	0.602268	-1.66039	0.749798	0.928873	-1.07657	0.949657	0.985545	-1.01467	0.0902414	1.53809	1.53809	0.984033	0.995396	-1.00463	0.0421584	0.582836	-1.71575	2.30599	1.94221	0.748662	1
cg26653725	MAP2K3	0.126725	0.0159973	0.041766	-23.9429	0.094938	6.96824	6.96824	0.850086	1.2181	1.2181	0.612964	0.587168	-1.70309	0.185031	0.227931	-4.38728	0.415496	2.38819	2.38819	0.33211	2.85214	2.85214	0.224687	0.261947	-3.81756	0.657756	0.627978	-1.59241	2.43639	41.052	13.1052	1
cg19086001	SLC12A7	0.126725	0.039605	0.46637	-2.14422	0.515497	0.80949	-1.23535	0.142319	1.65789	1.65789	0.472027	0.790988	-1.26424	0.0233814	0.419682	-2.38276	0.321876	0.720356	-1.3882	0.641673	0.860523	-1.16208	0.280648	0.698072	-1.43252	0.0919616	0.551781	-1.81231	2.30597	3.75194	1.44627	1
cg03145200	IL21R;IL21R;IL21R;IL21R	0.126726	0.0291147	0.1997	-5.00752	0.160039	0.390483	-2.56093	0.162691	0.393119	-2.54376	0.14565	0.375791	-2.66105	0.495448	0.648162	-1.54282	0.185843	0.415294	-2.40793	0.0185378	0.167161	-5.98224	0.0415484	0.229418	-4.35886	0.240257	0.462889	-2.16035	2.30595	14.3328	5.52494	1
cg23823879	SAP18	0.126727	?	?	?	0.593738	0.644186	-1.55235	0.431147	1.98206	1.98206	0.0512271	19.4949	19.4949	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	7.05138	16.1536	1.52723	1
cg21343363	EEF1B2;EEF1B2;EEF1B2;NDUFS1	0.126735	0.892757	1.01674	1.01674	0.00729108	1.53089	1.53089	0.904342	0.985314	-1.01491	0.444531	1.10067	1.10067	0.387497	1.11517	1.11517	0.131483	1.22186	1.22186	0.111663	0.807987	-1.23764	0.587224	1.06978	1.06978	0.619512	1.06354	1.06354	2.30588	0.553075	0.213203	1
cg01207010	FAM105B	0.126735	0.824908	0.947631	-1.05526	0.47893	1.19094	1.19094	0.50319	1.17932	1.17932	0.231278	1.35638	1.35638	0.33531	1.27277	1.27277	0.0614279	0.599573	-1.66785	0.0178449	0.497062	-2.01182	0.959761	0.987826	-1.01232	0.216748	0.729407	-1.37098	2.30588	2.15219	0.829644	1
cg22896904	ANKRD54;ANKRD54	0.126735	0.0959362	0.792856	-1.26126	0.0615619	0.765429	-1.30646	0.373579	0.890521	-1.12294	0.821659	1.02907	1.02907	0.20288	0.843121	-1.18607	0.329987	1.13611	1.13611	0.0139815	0.680244	-1.47006	0.775999	1.03688	1.03688	0.936376	1.01019	1.01019	2.30588	0.588498	0.226859	1
cg24096387	ATP11A;ATP11A	0.126736	0.692012	1.08582	1.08582	0.844301	1.0415	1.0415	0.730995	0.931117	-1.07398	0.228936	1.29836	1.29836	0.172537	0.740643	-1.35018	0.589148	1.11936	1.11936	0.00673942	2.06777	2.06777	0.370184	1.20962	1.20962	0.341944	0.81669	-1.22446	2.30587	1.56182	0.602066	1
cg23643435	GALM;GALM	0.126736	0.0463206	0.150947	-6.62486	0.034272	0.129257	-7.73654	0.0385082	0.137259	-7.28551	0.290013	0.402636	-2.48363	0.0799057	0.199935	-5.00164	0.305918	0.415551	-2.40644	0.0488211	0.155084	-6.44811	0.452817	0.530701	-1.8843	0.116617	0.24357	-4.1056	2.30587	25.0613	9.66086	1
cg16817946	CNTD1;CCDC56	0.126739	?	?	?	0.0875199	5.62941	5.62941	0.321676	2.49681	2.49681	?	?	?	0.0273863	0.0857777	-11.658	0.30817	0.389323	-2.56856	0.879223	0.874288	-1.14379	0.623722	1.54957	1.54957	0.341491	2.39927	2.39927	2.66248	24.3689	7.84518	1
cg13634151	EEF2	0.12674	0.577343	1.16098	1.16098	0.307712	1.32306	1.32306	0.593781	0.866982	-1.15343	0.298236	0.751347	-1.33094	0.133927	1.53506	1.53506	0.0125274	0.438897	-2.27844	0.232675	1.39351	1.39351	0.834205	0.945944	-1.05714	0.382224	1.2682	1.2682	2.30584	2.56721	0.989645	1
cg11867552	GRB10;GRB10;GRB10	0.126742	0.520837	1.08619	1.08619	0.420956	1.11023	1.11023	0.729442	1.04503	1.04503	0.146943	1.22079	1.22079	0.112564	0.801	-1.24844	0.416934	0.899858	-1.11129	0.0110978	1.51993	1.51993	0.484783	0.91373	-1.09442	0.837236	1.02643	1.02643	2.43623	0.60702	0.193794	1
cg00937392	ROR2	0.126742	0.291808	0.634359	-1.57639	0.0834089	2.21983	2.21983	0.400916	0.699234	-1.43014	0.299774	0.639447	-1.56385	0.0284587	0.340971	-2.9328	0.243879	1.66089	1.66089	0.585462	1.25757	1.25757	0.216125	1.71884	1.71884	0.442275	1.38542	1.38542	2.30582	6.32326	2.4376	1
cg24833674	ILDR2	0.126742	0.0368811	0.306154	-3.26633	0.0796607	0.386999	-2.58399	0.512774	0.723272	-1.38261	0.0567367	0.34906	-2.86484	0.0365603	0.305519	-3.27312	0.27144	0.57192	-1.7485	0.0543083	0.344461	-2.90308	0.0838328	0.393081	-2.544	0.230401	0.541137	-1.84796	2.30582	8.69857	3.35328	1
cg26543335	LRRC40;SFRS11	0.126747	0.376565	1.11753	1.11753	0.356368	0.890325	-1.12319	0.895119	0.983978	-1.01628	0.207006	1.17699	1.17699	0.880204	0.981701	-1.01864	0.526374	0.924398	-1.08179	0.0128475	0.68499	-1.45988	0.0919607	1.25505	1.25505	0.442948	1.10053	1.10053	2.30578	0.547626	0.211112	1
cg18189063	RPL18;SPHK2	0.126751	0.318426	1.15951	1.15951	0.0720293	0.74961	-1.33403	0.250522	1.18807	1.18807	0.141674	1.25457	1.25457	0.595935	1.07983	1.07983	0.87891	0.978357	-1.02212	0.118346	0.783995	-1.27552	0.078958	0.755805	-1.32309	0.238557	1.19383	1.19383	2.30574	0.752233	0.289994	1
cg06727510	DUSP2	0.126754	0.481075	0.817158	-1.22375	0.717116	0.902499	-1.10803	0.428553	0.796228	-1.25592	0.00438859	0.34214	-2.92278	0.586725	0.856628	-1.16737	0.967194	1.01166	1.01166	0.533409	1.19464	1.19464	0.129236	0.629901	-1.58755	0.426228	1.25743	1.25743	2.30572	2.90287	1.1191	1
cg25235766	CACNG8;MIR935	0.126755	0.785116	0.630699	-1.58554	0.411515	4.12133	4.12133	0.125241	16.4212	16.4212	0.966235	0.931099	-1.074	?	?	?	0.0492942	44.0046	44.0046	0.951071	0.901684	-1.10904	0.0121538	194.623	194.623	0.173222	11.5199	11.5199	2.32719	93.1836	40.0413	1
cg03373887	SAMM50	0.126758	0.270761	1.70021	1.70021	0.00979317	4.53431	4.53431	0.088028	2.39027	2.39027	0.809424	0.89419	-1.11833	0.202552	0.536477	-1.86401	0.564043	1.30988	1.30988	0.414268	1.47153	1.47153	0.139214	2.08896	2.08896	0.878802	1.07319	1.07319	2.30569	7.82395	3.01629	1
cg20524308	CHRNB1	0.126763	0.045666	0.754311	-1.32571	0.426603	0.904939	-1.10505	0.359458	0.890529	-1.12293	0.613354	0.939228	-1.0647	0.999594	0.999937	-1.00006	0.900223	0.984684	-1.01555	0.616926	1.06402	1.06402	0.295324	1.14287	1.14287	0.0146187	1.44769	1.44769	2.30565	0.5529	0.213158	1
cg13634560	POSTN;POSTN;POSTN;POSTN	0.126766	0.0517067	0.580006	-1.72412	0.0913236	0.632894	-1.58004	0.09394	0.635666	-1.57315	0.0541332	0.584084	-1.71208	0.0267903	0.524447	-1.90677	0.434814	0.821986	-1.21657	0.201507	0.717616	-1.3935	0.158792	0.690365	-1.44851	0.0588802	0.591636	-1.69023	2.30562	2.20995	0.852003	1
cg06240275	TSR1;TSR1;SGSM2;SGSM2	0.126768	0.219031	1.3582	1.3582	0.870691	1.03934	1.03934	0.193287	1.38549	1.38549	0.340266	1.26209	1.26209	0.00763298	0.443806	-2.25324	0.751026	0.92738	-1.07831	0.583858	0.877205	-1.13998	0.837181	0.952433	-1.04994	0.390785	1.23154	1.23154	2.30561	2.04836	0.789712	1
cg08198470	RPA1	0.126774	0.368551	0.637859	-1.56774	0.0425052	0.320704	-3.11814	0.188639	0.507578	-1.97014	0.315024	0.603016	-1.65833	0.0173466	0.243979	-4.09872	0.154808	0.476472	-2.09876	0.782626	1.14413	1.14413	0.226717	1.85507	1.85507	0.893107	0.936642	-1.06764	2.30556	8.65488	3.33682	1
cg18366150	PBLD;HNRNPH3;PBLD;HNRNPH3	0.126778	0.205474	1.19502	1.19502	0.0663634	0.759841	-1.31607	0.195339	1.20043	1.20043	0.295433	1.15572	1.15572	0.0617664	1.32393	1.32393	0.198626	1.19865	1.19865	0.153692	0.81568	-1.22597	0.336644	1.14126	1.14126	0.502558	1.09501	1.09501	2.30552	0.649615	0.250458	1
cg02544394	PRKCE	0.126781	0.00896613	0.359848	-2.77895	0.159665	0.629975	-1.58737	0.692511	0.884949	-1.13001	0.885932	1.04513	1.04513	0.67549	1.13822	1.13822	0.471202	1.25281	1.25281	0.141765	1.62549	1.62549	0.344041	1.3495	1.3495	0.979799	1.00782	1.00782	2.3055	3.45295	1.33129	1
cg17879116	AGBL4	0.126783	0.45386	0.832719	-1.20088	0.11602	0.663752	-1.50659	0.773471	1.0717	1.0717	0.857939	0.957922	-1.04393	0.00964597	0.45569	-2.19448	0.180968	0.711212	-1.40605	0.725567	0.918918	-1.08824	0.306056	0.775488	-1.28951	0.028035	0.536523	-1.86385	2.30548	2.10195	0.810417	1
cg04635642	SNX29	0.126783	0.335191	2.33926	2.33926	0.0110225	15.2831	15.2831	0.0435623	7.27479	7.27479	0.823921	0.826494	-1.20993	0.743405	1.3243	1.3243	0.247774	2.81024	2.81024	0.0476406	6.93718	6.93718	0.178137	3.39897	3.39897	0.542924	1.69318	1.69318	2.30548	26.6994	10.2941	1
cg22710633	SSX8	0.126784	0.57003	0.872764	-1.14579	0.759414	0.929766	-1.07554	0.251414	0.75271	-1.32853	0.502144	0.850885	-1.17525	0.0040719	0.400873	-2.49455	0.801902	1.06141	1.06141	0.327766	1.2706	1.2706	0.200591	0.725793	-1.3778	0.492206	0.847581	-1.17983	2.30548	2.05219	0.791233	1
cg13499717	C3orf55;C3orf55	0.126785	0.940218	0.967997	-1.03306	0.529616	0.758693	-1.31806	0.00711902	0.221451	-4.51567	0.277333	0.612659	-1.63223	0.0195649	0.294205	-3.39899	0.513514	0.75025	-1.33289	0.371131	0.671496	-1.48921	0.364215	0.667406	-1.49834	0.974834	0.986413	-1.01377	2.30547	6.86689	2.64757	1
cg08307171	CSNK1G2	0.126786	0.922223	0.962209	-1.03928	0.0397219	0.391386	-2.55502	0.771052	0.891273	-1.12199	0.531783	1.28383	1.28383	0.0951296	0.485101	-2.06143	0.188079	0.576821	-1.73364	0.0169679	0.317095	-3.15363	0.224606	0.604599	-1.65399	0.533138	1.28275	1.28275	2.30546	5.68191	2.19071	1
cg15430464	CSMD3;CSMD3	0.126786	0.66478	0.904818	-1.10519	0.358786	1.2417	1.2417	0.114482	1.48266	1.48266	0.981554	0.99471	-1.00532	0.0189467	0.521052	-1.91919	0.0552476	0.607416	-1.64632	0.755952	0.930974	-1.07414	0.658626	0.903025	-1.10739	0.378099	1.23056	1.23056	2.30545	1.92176	0.740951	1
cg24704562	MORC3	0.126788	0.857204	0.965589	-1.03564	0.174609	0.755229	-1.3241	0.470584	0.86701	-1.15339	0.104834	0.708496	-1.41144	0.028228	0.604286	-1.65485	0.270366	0.800013	-1.24998	0.635936	0.911456	-1.09715	0.0420957	1.57667	1.57667	0.992944	1.00172	1.00172	2.30544	1.38016	0.532136	1
cg03790422	KRT31	0.126789	0.795677	0.900207	-1.11086	0.101389	2.06815	2.06815	0.291123	0.641592	-1.55862	0.629975	1.21733	1.21733	0.263749	1.60315	1.60315	0.584352	1.25082	1.25082	0.470372	1.34651	1.34651	0.00996528	0.267546	-3.73768	0.86326	0.932546	-1.07233	2.30543	5.99283	2.31061	1
cg24815353	POFUT2;POFUT2;POFUT2	0.126789	0.69703	0.932804	-1.07204	0.745573	0.943758	-1.05959	0.788885	1.04887	1.04887	0.809855	0.958049	-1.04379	0.00666996	0.534838	-1.86972	0.547105	0.897333	-1.11441	0.0586821	1.46183	1.46183	0.936251	1.01432	1.01432	0.739125	1.06122	1.06122	2.30543	1.15414	0.444993	1
cg03119731	CACNG6;CACNG6;CACNG6	0.12679	0.192326	0.516592	-1.93576	0.11385	0.438958	-2.27812	0.901549	0.942485	-1.06102	0.0323135	0.301292	-3.31904	0.106427	0.430063	-2.32524	0.0257254	0.281427	-3.55332	0.586981	0.769105	-1.30021	0.0362693	0.311844	-3.20673	0.255498	0.566552	-1.76506	2.30542	8.36481	3.22517	1
cg23273453	URGCP;UBE2D4	0.126793	?	?	?	0.837202	0.866284	-1.15436	0.757536	1.24116	1.24116	?	?	?	0.0733548	0.248322	-4.02704	0.300552	2.11367	2.11367	0.0771793	3.93886	3.93886	0.391193	1.84585	1.84585	0.0724074	0.246921	-4.04989	2.3533	14.1102	6.8525	1
cg11056129	C21orf54	0.126793	0.136365	0.503073	-1.98778	0.22873	0.582296	-1.71734	0.0310061	0.338228	-2.95658	0.794568	1.11819	1.11819	0.0181488	0.292833	-3.41492	0.617399	1.24061	1.24061	0.90658	1.05154	1.05154	0.369603	1.48359	1.48359	0.660743	0.827729	-1.20813	2.3054	6.69158	2.58007	1
cg21474289	COG5;COG5;COG5;DUS4L	0.126794	0.600305	0.909272	-1.09978	0.278365	1.2248	1.2248	0.370578	1.17988	1.17988	0.0199053	1.65796	1.65796	0.01726	1.68513	1.68513	0.576145	0.903387	-1.10694	0.684132	1.07636	1.07636	0.72601	0.938667	-1.06534	0.572008	0.90237	-1.10819	2.30539	1.1817	0.455626	1
cg19368911	KIF26B	0.126796	0.751132	0.86891	-1.15087	0.305557	1.59764	1.59764	0.0700137	2.44643	2.44643	0.466622	1.38702	1.38702	0.0237556	0.303635	-3.29343	0.815986	1.10843	1.10843	0.191873	0.543282	-1.84066	0.995051	1.00274	1.00274	0.132969	0.488754	-2.04602	2.30538	7.12119	2.74573	1
cg25816468	PBXIP1	0.126797	0.134041	1.27596	1.27596	0.837679	0.969537	-1.03142	0.0520629	1.39556	1.39556	0.326498	1.16507	1.16507	0.383287	1.14435	1.14435	0.0962272	1.31716	1.31716	0.399087	0.877921	-1.13905	0.0535241	1.39195	1.39195	0.0328099	1.45729	1.45729	2.30537	0.830483	0.320212	1
cg14098223	MORN1	0.126797	0.171114	0.439889	-2.2733	0.021647	0.211416	-4.73001	0.0190412	0.201981	-4.95096	0.656855	0.777264	-1.28656	0.212653	0.477246	-2.09536	0.147899	0.416929	-2.39849	0.0749709	0.327081	-3.05735	0.862942	1.10227	1.10227	0.783573	0.856279	-1.16784	2.30537	11.5955	4.47093	1
cg24954895	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGA11;PCDHGA11;PCDHGA11;PCDHGB3;PCDHGA11;PCD	0.126798	0.0432132	12.1739	12.1739	0.0662728	9.1501	9.1501	0.114483	6.32719	6.32719	0.283877	3.30839	3.30839	0.122281	6.04807	6.04807	0.128667	5.8401	5.8401	0.171937	4.77162	4.77162	0.0148422	25.0472	25.0472	0.171306	4.78402	4.78402	2.30536	42.1679	16.2589	1
cg01249533	AATK;LOC388428	0.126802	0.862814	1.05642	1.05642	0.0755997	1.87324	1.87324	0.466147	1.26535	1.26535	0.663556	0.870313	-1.14901	0.306861	0.714832	-1.39893	0.277407	0.698741	-1.43115	0.0101418	0.35731	-2.79869	0.614717	1.17476	1.17476	0.713215	0.889452	-1.12429	2.30533	3.67705	1.4178	1
cg00953066	VAMP1;VAMP1;VAMP1	0.126804	?	?	?	0.127444	2.32616	2.32616	0.231294	1.88863	1.88863	?	?	?	0.192524	0.496179	-2.0154	?	?	?	0.277424	0.565398	-1.76867	0.945752	1.03445	1.03445	0.0453238	3.32972	3.32972	2.69106	6.70329	2.49095	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg07612562	CNTNAP2;CNTNAP2	0.126804	0.543432	1.1318	1.1318	0.047261	0.633209	-1.57926	0.776767	1.05889	1.05889	0.399686	0.840677	-1.18952	0.327103	0.815752	-1.22586
cg23931558	SEPN1;SEPN1	0.126804	0.918273	1.02447	1.02447	0.905983	0.972555	-1.02822	0.00590743	0.428166	-2.33555	0.23516	0.745977	-1.34052	0.180891	0.715622	-1.39739
ch.3.2780300F	CLSTN2	0.126805	0.172429	0.430488	-2.32295	0.0103113	0.153223	-6.52646	0.0178547	0.188055	-5.31761	0.349162	0.571578	-1.74954	0.172295	0.43036	-2.32364
cg22938135	CLTB;CLTB	0.126806	0.435711	0.502985	-1.98813	0.0464113	7.18057	7.18057	0.0159195	12.8217	12.8217	0.714681	1.37339	1.37339	0.995546	0.995188	-1.00483
cg15614573	FOXP3;FOXP3	0.126808	0.40332	1.48854	1.48854	0.61603	0.790421	-1.26515	0.322882	0.621907	-1.60796	0.0481265	0.349705	-2.85955	0.0116	0.230423	-4.33985
cg04528819	KLF14	0.126814	0.293141	0.466586	-2.14323	0.186204	2.66352	2.66352	0.710298	1.29799	1.29799	0.766489	0.812065	-1.23143	0.0842159	3.80137	3.80137
cg10929866	SNX9	0.126816	0.510751	0.796137	-1.25606	0.0223073	0.392229	-2.54953	0.531697	0.805328	-1.24173	0.421231	0.755176	-1.32419	0.291865	1.4532	1.4532
cg07285481	CMIP;CMIP	0.126818	0.293882	1.43337	1.43337	0.0313326	2.30523	2.30523	0.0407479	2.18388	2.18388	0.156849	1.6499	1.6499	0.984938	1.00626	1.00626
cg18499636	ARHGEF10	0.126819	0.287694	0.853221	-1.17203	0.0479879	0.718861	-1.39109	0.426912	0.890163	-1.12339	0.0734863	1.33671	1.33671	0.7437	0.954152	-1.04805
cg16614527	RACGAP1;RACGAP1;RACGAP1	0.12682	0.0843934	4.54193	4.54193	0.589608	0.649407	-1.53987	0.799482	1.22358	1.22358	0.105066	4.07156	4.07156	0.297064	2.3561	2.3561
cg24273995	CDKAL1;CDKAL1	0.126824	0.345794	0.902259	-1.10833	0.456756	0.922852	-1.0836	0.0172594	1.35973	1.35973	0.204954	0.867901	-1.15221	0.790082	1.02867	1.02867
cg01597727	MYH7B;MIR499	0.126828	0.0387185	0.181622	-5.50596	0.464596	0.588388	-1.69956	0.166072	0.3491	-2.86451	0.233723	0.410811	-2.43421	0.0500808	0.20353	-4.91329
cg26440261	FAM20C	0.126828	0.1151	0.442316	-2.26083	0.315615	0.610165	-1.6389	0.375501	1.54196	1.54196	0.820772	1.11409	1.11409	0.0509437	0.346924	-2.88247
cg26816421	PISD	0.126829	0.357677	1.32804	1.32804	0.0969968	1.7269	1.7269	0.0117552	2.5699	2.5699	0.151567	1.58539	1.58539	0.370214	0.758824	-1.31783
cg21874213	NRG2;NRG2;NRG2;NRG2	0.126831	0.106217	0.682706	-1.46476	0.0350997	1.70085	1.70085	0.713663	0.923361	-1.083	0.335508	1.2397	1.2397	0.103611	0.680388	-1.46975
cg09177577	BIN3	0.126832	0.474194	1.23676	1.23676	0.0281379	0.469079	-2.13184	0.160358	0.645412	-1.5494	0.397508	0.776525	-1.28779	0.100334	0.591209	-1.69145
cg16178603	MEIS1	0.126832	0.1525	0.0651443	-15.3505	0.0888543	0.0347273	-28.7958	0.338376	0.17407	-5.74483	0.610341	0.403574	-2.47786	?	?	?
cg24480120	ALOX12B	0.126834	0.777215	0.82935	-1.20576	0.461409	1.6398	1.6398	0.0389143	4.84016	4.84016	0.0942879	3.36451	3.36451	0.499616	0.636343	-1.57148
cg16080654	NMT1	0.126835	0.571988	0.662613	-1.50918	0.0460841	5.19282	5.19282	0.0751757	4.17013	4.17013	0.407292	1.8421	1.8421	0.0317202	0.162888	-6.13918
cg00948881	ANKRD11	0.126838	0.0557518	0.178626	-5.59829	0.408482	0.510759	-1.95787	0.204998	2.89432	2.89432	0.529989	0.603148	-1.65797	0.194519	0.335999	-2.9762
cg08180261	KDM3A;KDM3A	0.126838	0.369431	1.38255	1.38255	0.479808	0.77691	-1.28715	0.469405	1.29518	1.29518	0.646347	1.17628	1.17628	0.717603	1.13614	1.13614
cg24718756	3-Mar	0.126838	0.0752462	0.221984	-4.50484	0.243073	0.395255	-2.53001	0.134689	0.293608	-3.4059	0.497876	0.592791	-1.68694	0.00925754	0.0812997	-12.3002
cg20632224	MIR320B1	0.126841	0.441744	0.764484	-1.30807	0.24745	0.660998	-1.51286	0.0664899	0.494326	-2.02296	0.276617	1.47318	1.47318	0.0205918	0.384875	-2.59825
cg10691387	IQCF2	0.126841	0.100973	0.272372	-3.67145	0.153464	0.330658	-3.02427	0.0789488	0.243537	-4.10615	0.216247	0.389757	-2.5657	0.0973829	0.267905	-3.73267
cg05016425	TADA1	0.126841	0.419298	0.842063	-1.18756	0.280139	1.26348	1.26348	0.0144865	1.87299	1.87299	0.352524	0.819314	-1.22053	0.299781	0.799439	-1.25088
cg22978003	UGT3A2;UGT3A2;UGT3A2	0.126843	0.420266	1.44574	1.44574	0.107608	2.19481	2.19481	0.0269842	3.2299	3.2299	0.846191	1.09083	1.09083	0.0249568	3.30145	3.30145
cg26298409	MKX	0.126845	0.0505567	8.54207	8.54207	0.170689	4.07321	4.07321	0.0707289	6.98676	6.98676	0.374359	0.415703	-2.40556	0.525293	0.538132	-1.85828
cg01297357	ACCN2;ACCN2;ACCN2;ACCN2	0.126845	0.231022	0.840213	-1.19017	0.685078	1.05812	1.05812	0.107456	1.27564	1.27564	0.132011	0.7983	-1.25266	0.749809	0.956635	-1.04533
cg04130952	PCBP4;PCBP4	0.126848	0.507051	0.740711	-1.35005	0.750956	1.15256	1.15256	0.0210919	3.44478	3.44478	0.535909	1.32249	1.32249	0.20954	0.554468	-1.80353
cg15553397	ST6GALNAC3;ST6GALNAC3	0.126849	0.0792774	0.525479	-1.90303	0.2952	0.698694	-1.43124	0.0499558	0.477886	-2.09255	0.0893526	0.538651	-1.85649	0.00901937	0.334052	-2.99354
cg22331165	PLXDC1	0.126854	0.505272	0.825567	-1.21129	0.147203	0.64336	-1.55434	0.168449	0.659592	-1.51609	0.788797	1.0791	1.0791	0.00852093	0.385992	-2.59073
cg00852245	DCAKD;DCAKD	0.126856	0.0791248	0.423048	-2.3638	0.557212	0.769523	-1.29951	0.539841	1.31509	1.31509	0.136061	0.492211	-2.03165	0.0695744	0.40832	-2.44906
cg18870231	C1orf87	0.126857	0.476291	1.13668	1.13668	0.355946	1.18288	1.18288	0.136446	1.32815	1.32815	0.118981	1.34892	1.34892	0.509567	1.12562	1.12562
cg09231412	C1orf151	0.126858	0.402883	1.12191	1.12191	0.395105	1.12417	1.12417	0.0242092	1.43489	1.43489	0.856306	1.02466	1.02466	0.0894717	1.2861	1.2861
cg00857536	C10orf72	0.126859	0.035017	0.25886	-3.8631	0.015239	0.194056	-5.15316	0.0797378	0.343056	-2.91498	0.624948	0.762567	-1.31136	0.0872401	0.353853	-2.82603
cg06264984	CYP1B1	0.126861	0.0848123	5.52269	5.52269	0.318944	2.5181	2.5181	0.160291	3.83803	3.83803	0.12364	4.46027	4.46027	0.0645809	6.43272	6.43272
cg10441828	MLL2	0.126862	0.0582637	0.270152	-3.70162	0.0900722	0.319022	-3.13458	0.585052	0.713767	-1.40102	0.410115	1.67388	1.67388	0.0354693	0.223724	-4.46979
cg12910969	FBXL7	0.126863	0.702187	1.06668	1.06668	0.189511	0.791742	-1.26304	0.414172	0.869132	-1.15057	0.924945	1.01596	1.01596	0.277445	1.20899	1.20899
cg19981151	RASA3	0.126863	0.327606	1.15162	1.15162	0.0223836	1.46558	1.46558	0.0941409	1.29316	1.29316	0.662272	1.06332	1.06332	0.991733	0.998554	-1.00145
cg15228268	PFKP	0.126864	0.774568	1.12562	1.12562	0.0599683	2.39771	2.39771	0.0202522	3.16965	3.16965	0.44742	1.37587	1.37587	0.115118	0.493627	-2.02582
cg19972223	C7orf68;C7orf68	0.126864	0.163462	1.21276	1.21276	0.405006	1.11684	1.11684	0.0360327	0.728852	-1.37202	0.763607	1.0399	1.0399	0.50801	0.916587	-1.091
cg15583492	PRKG1;PRKG1	0.126865	0.0765932	0.352348	-2.8381	0.116369	0.405095	-2.46856	0.0417817	0.288597	-3.46503	0.626031	1.29705	1.29705	0.0787969	0.355671	-2.81158
cg13747648	TMEM86A	0.126867	0.0352978	0.704385	-1.41968	0.343953	1.14954	1.14954	0.322833	0.864173	-1.15718	0.90056	1.01803	1.01803	0.932825	1.01212	1.01212
cg03826683	C12orf40	0.126868	0.178018	0.722603	-1.38389	0.216862	0.744554	-1.34309	0.112232	0.675325	-1.48077	0.11076	0.674041	-1.48359	0.0105276	0.481595	-2.07643
cg13130934	SNORD115-21;SNORD115-20;SNORD115-15	0.126871	0.441714	1.43847	1.43847	0.19903	1.8757	1.8757	0.492939	1.38089	1.38089	0.7946	1.12854	1.12854	0.00931676	0.216804	-4.61245
cg25665283	RHO	0.126876	0.790988	0.869745	-1.14976	0.824084	0.889609	-1.12409	0.235383	0.520283	-1.92203	0.824502	0.889861	-1.12377	0.0478131	0.304565	-3.28337
cg06861572	KIF1A	0.126882	0.287855	0.82428	-1.21318	0.00722067	0.544911	-1.83516	0.220945	0.798244	-1.25275	0.612784	1.09349	1.09349	0.129302	0.750494	-1.33246
cg19871564	SOX5	0.126882	0.141391	0.847628	-1.17976	0.733656	0.964928	-1.03635	0.288672	1.12203	1.12203	0.153214	0.852249	-1.17337	0.113235	1.19742	1.19742
cg20132830	TLCD1;NEK8	0.126882	0.314478	0.842428	-1.18705	0.0137172	1.65261	1.65261	0.20398	1.24732	1.24732	0.0510596	1.44237	1.44237	0.286547	1.20013	1.20013
cg19701531	SRCRB4D;ZP3	0.126886	0.0380281	0.232352	-4.30382	0.845096	1.12604	1.12604	0.486982	0.651429	-1.53509	0.16758	0.409571	-2.44158	0.0258695	0.200815	-4.9797
cg02587643	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.126886	0.526893	1.11225	1.11225	0.867066	1.02819	1.02819	0.60134	1.09141	1.09141	0.105025	1.34167	1.34167	0.822086	0.963319	-1.03808
cg18217175	PAX7;PAX7;PAX7	0.126887	0.626223	0.659111	-1.5172	0.583886	0.625151	-1.59961	0.95196	0.950119	-1.0525	0.635561	1.49998	1.49998	0.564925	0.610097	-1.63908
cg14716734	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.126892	0.941206	0.973802	-1.0269	0.344592	0.704423	-1.4196	0.00676639	0.282699	-3.53734	0.957484	1.01937	1.01937	0.813518	1.08877	1.08877
cg10900068	INF2;INF2;INF2	0.126892	0.551053	0.813239	-1.22965	0.562091	1.2225	1.2225	0.519733	0.799583	-1.25065	0.666301	1.16032	1.16032	0.182669	1.62367	1.62367
cg06153386	SPATA2L	0.126896	0.0954245	0.383502	-2.60755	0.580691	1.33897	1.33897	0.879076	1.08291	1.08291	0.387961	0.629428	-1.58874	0.0312657	0.266576	-3.75128
cg16218721	HOXD4	0.126898	0.0425869	12.4093	12.4093	0.772712	1.36669	1.36669	0.581049	1.8244	1.8244	0.520623	0.495396	-2.01859	0.0235076	18.5124	18.5124
cg06226534	C1orf92	0.126899	0.267486	0.567389	-1.76246	0.0260912	3.65176	3.65176	0.543332	1.3523	1.3523	0.779934	1.14731	1.14731	0.187771	0.504182	-1.98341
cg15144773	BRD1	0.126902	0.173933	1.28284	1.28284	0.239577	0.808922	-1.23621	0.28609	0.826333	-1.21017	0.464496	1.13677	1.13677	0.875823	0.973432	-1.02729
cg04076387	SOLH	0.126902	0.864419	0.902375	-1.10819	0.02692	4.83132	4.83132	0.0354113	4.35918	4.35918	0.308235	0.530509	-1.88498	0.841178	0.886391	-1.12817
cg07499477	TEP1	0.126904	0.364228	1.50726	1.50726	0.448704	1.40457	1.40457	0.00932551	0.234287	-4.26827	0.115843	2.12147	2.12147	0.975918	0.986805	-1.01337
cg23644795	THOC1	0.126906	0.398446	1.08606	1.08606	0.727363	1.03399	1.03399	0.031631	1.27205	1.27205	0.136377	1.16562	1.16562	0.558062	1.0582	1.0582
cg07082484	SH3RF1	0.126907	0.46082	0.723029	-1.38307	0.440264	0.711805	-1.40488	0.291651	0.623375	-1.60417	0.0656481	0.409712	-2.44074	0.00793783	0.229859	-4.3505
cg07575478	NUMB;NUMB;NUMB;NUMB	0.12691	0.392033	1.64571	1.64571	0.190153	2.19955	2.19955	0.0187157	5.04661	5.04661	0.130248	2.53058	2.53058	0.034272	4.06772	4.06772
cg03298716	C6orf123	0.12691	0.059753	0.519977	-1.92316	0.601444	0.850242	-1.17614	0.179232	0.644548	-1.55147	0.155134	0.62604	-1.59734	0.0104932	0.371025	-2.69523
cg10470814	HMGXB3;TIGD6;TIGD6	0.126913	0.320844	0.804761	-1.2426	0.731575	0.929676	-1.07564	0.604852	1.11688	1.11688	0.776819	1.06203	1.06203	0.212387	0.757183	-1.32068
cg10187674	ABCA5	0.126914	0.0866918	0.387651	-2.57964	0.0817758	2.62733	2.62733	0.259846	1.80156	1.80156	0.57585	0.753462	-1.32721	0.114026	0.422729	-2.36558
cg18397998	C1orf86;LOC100128003;C1orf86	0.126915	0.0457825	0.221257	-4.51963	0.138968	0.350225	-2.8553	0.610032	1.40335	1.40335	0.544234	0.667416	-1.49832	0.0197913	0.156647	-6.38379
cg04795638	FAM18B2;FAM18B2	0.126922	0.536472	1.23538	1.23538	0.123599	0.56938	-1.7563	0.739135	0.893283	-1.11947	0.334818	0.714712	-1.39917	0.574015	1.21143	1.21143
cg27074837	CDR1	0.126922	0.727024	1.1167	1.1167	0.420179	0.771525	-1.29613	0.0676451	0.52479	-1.90552	0.585885	0.840917	-1.18918	0.0145139	0.38736	-2.58158
cg22029985	PTPRF;PTPRF	0.126923	0.293147	0.7771	-1.28684	0.751943	1.07608	1.07608	0.287631	0.774679	-1.29086	0.803298	1.05941	1.05941	0.0704075	0.626476	-1.59623
cg19334895	UPF1	0.126926	0.433792	0.916381	-1.09125	0.00588891	0.674365	-1.48288	0.15614	0.847152	-1.18043	0.746049	1.03617	1.03617	0.792982	0.971653	-1.02917
cg07785552	RPS6KA1	0.126926	0.119491	0.52843	-1.8924	0.0994638	0.505726	-1.97736	0.0528639	0.435702	-2.29515	0.0280562	0.375455	-2.66343	0.058967	0.447012	-2.23708
cg07620844	RBM15B	0.126929	0.869255	1.09671	1.09671	0.203112	2.12298	2.12298	0.116451	2.60089	2.60089	0.552475	1.40039	1.40039	0.69248	1.24949	1.24949
cg02546208	ERC1;ERC1;ERC1;ERC1;ERC1	0.126932	0.631938	0.925725	-1.08023	0.0158026	0.623212	-1.60459	0.503043	0.897008	-1.11482	0.176569	0.794739	-1.25827	0.447876	0.883646	-1.13168
cg02441711	SECTM1	0.126936	0.0138604	13.5843	13.5843	0.139112	3.91903	3.91903	0.181063	3.38145	3.38145	0.267869	2.69181	2.69181	0.51422	0.566936	-1.76387
cg02389555	TRIM27	0.126937	0.534046	0.811779	-1.23186	0.0455467	2.13662	2.13662	0.175647	0.620758	-1.61093	0.352937	0.728709	-1.37229	0.154668	1.65597	1.65597
cg12166917	GABBR1;GABBR1;GABBR1	0.126937	0.799906	0.928419	-1.0771	0.270364	1.39878	1.39878	0.130589	1.61191	1.61191	0.670745	1.13321	1.13321	0.0149727	0.416966	-2.39828
cg15342939	DOCK3	0.126938	0.76607	0.909464	-1.09955	0.188145	0.641742	-1.55826	0.427784	0.772974	-1.29371	0.442512	1.28282	1.28282	0.101799	0.565704	-1.76771
cg08139059	PACS2;PACS2	0.126939	0.545898	0.818307	-1.22204	0.0231052	2.43802	2.43802	0.021517	2.47415	2.47415	0.48174	1.2644	1.2644	0.95688	0.982417	-1.0179
cg06770908	FAM89A	0.126939	0.0435021	0.712361	-1.40378	0.424286	0.887613	-1.12662	0.50553	1.10374	1.10374	0.38819	0.878789	-1.13793	0.601972	0.925999	-1.07991
cg19587226	PHYH;PHYH;PHYH	0.126947	0.66823	1.07809	1.07809	0.0286968	1.56836	1.56836	0.213149	1.25689	1.25689	0.248146	1.23435	1.23435	0.657091	0.925041	-1.08103
cg15570293	LSM7;SPPL2B;SPPL2B	0.126951	0.0669266	0.477738	-2.0932	0.512918	1.26955	1.26955	0.266768	1.5161	1.5161	0.540141	1.2499	1.2499	0.168198	0.589674	-1.69585
cg02647408	GRM5;GRM5	0.126951	0.236197	1.70218	1.70218	0.00849181	4.21907	4.21907	0.0820146	2.28359	2.28359	0.2971	1.58921	1.58921	0.448032	1.39285	1.39285
cg14240331	UBE2W;UBE2W	0.126953	0.284088	0.811187	-1.23276	0.166449	1.31975	1.31975	0.296473	1.22576	1.22576	0.505557	0.880705	-1.13545	0.121477	0.729272	-1.37123
cg23848471	LOC100130872-SPON2;SPON2;SPON2;SPON2	0.126954	0.263869	1.71306	1.71306	0.0173895	3.81316	3.81316	0.0142812	4.0412	4.0412	0.873076	1.07669	1.07669	0.42114	1.46202	1.46202
cg08628580	DTX4	0.126958	0.841715	0.955329	-1.04676	0.701734	0.915805	-1.09194	0.0847328	0.646778	-1.54613	0.808189	0.945928	-1.05716	0.0138748	0.499143	-2.00344
cg04127606	PTPRN2;PTPRN2;PTPRN2	0.12696	0.886268	1.02332	1.02332	0.748354	1.05322	1.05322	0.495019	1.11809	1.11809	0.268979	1.20379	1.20379	0.438607	0.880491	-1.13573
cg04501217	TMEM184A	0.12696	0.0545711	0.669064	-1.49462	0.559099	0.89685	-1.11501	0.119049	0.732152	-1.36584	0.370683	1.18459	1.18459	0.443733	1.15477	1.15477
cg05499880	CHST12	0.12696	0.0583002	0.402593	-2.4839	0.0252412	0.322567	-3.10013	0.230479	0.585712	-1.70732	0.81171	0.903502	-1.1068	0.0886896	0.449998	-2.22223
cg05570739	CDK10;CDK10;CDK10;CDK10;CDK10;CDK10	0.126961	0.0354543	0.149994	-6.66691	0.285099	2.36368	2.36368	0.94543	0.948347	-1.05447	0.213958	2.75601	2.75601	0.678683	0.724153	-1.38092
cg06979030	HCFC1R1;HCFC1R1;THOC6;HCFC1R1;THOC6	0.126962	0.57146	0.952489	-1.04988	0.0648171	1.19305	1.19305	0.128783	1.14996	1.14996	0.601534	0.956144	-1.04587	0.495956	0.942854	-1.06061
cg19584864	TSC22D2	0.126964	0.272024	0.852893	-1.17248	0.909387	1.01597	1.01597	0.212884	1.2003	1.2003	0.288458	0.857819	-1.16575	0.239919	1.18679	1.18679
cg10666081	FHL2;FHL2;FHL2;FHL2	0.12697	0.164118	0.507396	-1.97085	0.686226	0.830608	-1.20394	0.661236	0.817494	-1.22325	0.383794	0.664906	-1.50397	0.0305133	0.312935	-3.19555
cg27299538	PTEN;KILLIN;KILLIN	0.12697	0.0703126	0.430074	-2.32518	0.290933	1.57948	1.57948	0.0738312	2.29583	2.29583	0.544145	1.29183	1.29183	0.0916553	2.16976	2.16976
cg06631625	CLMN	0.126978	0.0373661	0.27726	-3.60673	0.610946	0.761544	-1.31312	0.0758432	0.350253	-2.85508	0.885116	1.07979	1.07979	0.0495072	0.304221	-3.28708
cg08702915	RABGGTB;SNORD45B	0.126979	0.498841	0.678383	-1.47409	0.025673	0.223601	-4.47225	0.084621	0.340269	-2.93885	0.830479	0.88588	-1.12882	0.0189607	0.200733	-4.98175
cg02392124	WAC;WAC;WAC	0.126981	0.99836	1.0006	1.0006	0.00717708	2.77277	2.77277	0.931121	0.974919	-1.02573	0.268697	0.712848	-1.40282	0.710044	0.896072	-1.11598
cg15552843	C22orf45;C22orf45;UPB1	0.126985	0.172769	3.83545	3.83545	0.542058	1.77149	1.77149	0.837244	1.20994	1.20994	0.46303	1.9979	1.9979	0.0531264	7.65903	7.65903
cg07882184	UBC	0.126988	0.895283	0.934888	-1.06965	0.109092	2.44329	2.44329	0.179971	2.07105	2.07105	0.175623	2.08821	2.08821	0.449882	0.674581	-1.4824
cg20704560	CASZ1	0.126988	0.150584	2.57273	2.57273	0.342822	1.82104	1.82104	0.985831	0.989168	-1.01095	0.589981	1.39606	1.39606	0.138688	0.376209	-2.65809
cg02077237	EPHA7	0.126989	0.0484557	0.336907	-2.96818	0.0154748	0.238511	-4.19268	0.256072	0.564344	-1.77197	0.367211	0.63955	-1.5636	0.0935953	0.410713	-2.43479
cg09921423	ACYP2	0.126989	0.741047	1.25452	1.25452	0.0999727	3.42972	3.42972	0.815545	1.17325	1.17325	0.528348	1.54774	1.54774	0.323521	0.497976	-2.00813
cg11046638	PDE6G;PDE6G	0.12699	0.206767	1.42584	1.42584	0.0797346	0.595655	-1.67882	0.0117956	0.43263	-2.31144	0.272758	1.35544	1.35544	0.406493	0.79752	-1.25389
cg27646848	B3GAT3	0.12699	0.11761	0.708972	-1.41049	0.792266	1.05487	1.05487	0.469542	1.16056	1.16056	0.414217	0.844582	-1.18402	0.171999	0.745109	-1.34209
cg18585693	DSCAML1	0.12699	0.717638	0.926755	-1.07903	0.0179921	1.82589	1.82589	0.752691	1.06845	1.06845	0.0859045	1.48816	1.48816	0.581686	0.889985	-1.12361
cg27034819	NTRK3;NTRK3;NTRK3;NTRK3;NTRK3;NTRK3	0.126991	0.950097	0.978802	-1.02166	0.870818	0.94581	-1.05729	0.275951	1.47397	1.47397	0.314504	0.700424	-1.42771	0.523147	1.24798	1.24798
cg13009365	ZNF70	0.126992	0.436112	0.873847	-1.14437	0.359181	1.17353	1.17353	0.501599	1.12273	1.12273	0.108784	1.34564	1.34564	0.865378	1.02922	1.02922
cg02576395	AHDC1	0.126995	0.128019	1.4956	1.4956	0.142063	1.47131	1.47131	0.63224	1.1252	1.1252	0.727532	1.08934	1.08934	0.695373	1.10106	1.10106
cg05521499	AHRR	0.126996	0.0375064	1.55392	1.55392	0.224642	0.792213	-1.26229	0.962996	0.991563	-1.00851	0.223875	1.26282	1.26282	0.982125	1.0041	1.0041
cg08704320	NSDHL;NSDHL	0.126999	0.275924	1.56905	1.56905	?	?	?	0.158419	0.549217	-1.82077	0.202748	0.585982	-1.70654	0.0175845	0.317199	-3.15259
cg02255801	KIAA0495	0.127001	0.0982078	0.639939	-1.56265	0.223904	0.730183	-1.36952	0.0218503	0.508048	-1.96832	0.73583	1.08691	1.08691	0.102618	0.644321	-1.55202
cg00393283	PCGF5	0.127006	0.0724297	3.53973	3.53973	0.26957	2.06471	2.06471	0.727294	1.24703	1.24703	0.0931942	3.20439	3.20439	0.881326	0.910101	-1.09878
cg19847963	RAN	0.127008	0.0416879	0.515923	-1.93827	0.473566	0.81428	-1.22808	0.0227078	0.463608	-2.15699	0.576405	1.17243	1.17243	0.27439	0.725745	-1.37789
cg14939300	SLC25A35	0.127008	0.908157	0.970434	-1.03047	0.101701	1.59351	1.59351	0.0138911	2.20432	2.20432	0.678918	0.897405	-1.11432	0.961994	0.987685	-1.01247
cg11566358	CTSO	0.127011	0.281628	0.540765	-1.84923	0.0150915	0.193836	-5.159	0.0176571	0.204789	-4.88308	0.908903	1.06491	1.06491	0.137035	0.41479	-2.41086
cg15771388	SHBG;SHBG;SHBG;SHBG;SHBG;SHBG;SAT2	0.127012	0.80553	0.928428	-1.07709	0.42224	0.781295	-1.27993	0.138129	0.618379	-1.61713	0.153707	1.58381	1.58381	0.0289227	0.460511	-2.1715
cg11908799	ITGA3;ITGA3	0.127015	0.946357	0.972888	-1.02787	0.118493	1.99832	1.99832	0.0374692	2.6811	2.6811	0.636725	1.2145	1.2145	0.501427	0.75675	-1.32144
cg07765621	COL23A1	0.127015	0.167485	0.595955	-1.67798	0.404566	0.740808	-1.34988	0.569968	1.22381	1.22381	0.296202	0.683154	-1.4638	0.40987	0.743426	-1.34512
cg20114890	HLA-H	0.127019	0.0635581	5.96631	5.96631	0.475731	1.86075	1.86075	0.904932	0.902754	-1.10772	0.245744	2.82782	2.82782	0.444105	1.95042	1.95042
cg05575043	ZNF394	0.12702	0.91589	1.01974	1.01974	0.306701	1.21628	1.21628	0.109835	1.38057	1.38057	0.772295	0.94773	-1.05515	0.383988	0.847755	-1.17959
cg14746762	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.12702	0.879238	1.03377	1.03377	0.281714	0.7832	-1.27681	0.499515	0.860945	-1.16151	0.44978	1.1832	1.1832	0.577781	1.13069	1.13069
cg19502207	GCH1;GCH1;GCH1;GCH1	0.127021	0.0565466	0.201276	-4.96831	0.146171	0.313957	-3.18515	0.647249	0.710245	-1.40797	0.471276	0.580297	-1.72326	0.0385863	0.168748	-5.92601
cg23043640	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.127021	0.155562	1.2871	1.2871	0.686553	0.934839	-1.0697	0.484618	1.1252	1.1252	0.683389	0.93416	-1.07048	0.689215	1.06905	1.06905
cg11002763	ODZ4	0.127023	0.119024	1.67195	1.67195	0.0264422	0.449553	-2.22443	0.622295	0.859986	-1.16281	0.24283	0.689832	-1.44963	0.0658442	1.87204	1.87204
cg12973168	PSMD8	0.127026	0.346385	0.402169	-2.48652	0.498226	1.90768	1.90768	0.00930011	0.0450687	-22.1884	0.756928	1.33863	1.33863	0.831504	1.22159	1.22159
cg21467717	KCNG2	0.127026	0.735338	1.16788	1.16788	0.313741	1.61053	1.61053	0.666406	0.820062	-1.21942	0.306496	1.62296	1.62296	0.958722	1.02396	1.02396
cg17809945	SDPR	0.127027	0.104763	0.37206	-2.68774	0.682847	1.25745	1.25745	0.975014	0.982686	-1.01762	0.774352	0.851893	-1.17386	0.00610556	0.135881	-7.35938
cg27007426	WWP1	0.127032	0.344736	1.17731	1.17731	0.710204	0.939316	-1.0646	0.296327	1.19916	1.19916	0.728895	0.943311	-1.0601	0.310524	1.19243	1.19243
cg14146407	TIMM8B;TIMM8B;SDHD;SDHD	0.127032	0.134896	0.61862	-1.6165	0.608778	0.857427	-1.16628	0.347512	1.33405	1.33405	0.574084	0.844327	-1.18438	0.0207114	0.436079	-2.29316
cg26509318	KDM2B;KDM2B	0.127033	0.0647123	0.255504	-3.91383	0.255996	2.18109	2.18109	0.192429	2.47768	2.47768	0.351282	0.532111	-1.87931	0.504244	0.640378	-1.56158
cg17326855	GDAP2;GDAP2	0.127036	0.609609	0.765689	-1.30601	0.505796	1.41907	1.41907	0.00468004	0.142398	-7.02259	0.876249	1.08414	1.08414	0.746967	0.845506	-1.18272
cg27578963	FAM38A	0.127039	0.210216	1.49381	1.49381	0.508748	1.22599	1.22599	0.358508	1.3324	1.3324	0.175005	1.55028	1.55028	0.190559	0.656192	-1.52394

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07612562	0.931858	1.01736	1.01736	0.00678142	0.493465	-2.02649	0.713341	1.0771	1.0771	0.873008	0.968313	-1.03272	2.30531	1.47945	0.570451	1
cg23931558	0.10258	0.656576	-1.52305	0.602995	0.883744	-1.13155	0.805223	0.943469	-1.05992	0.0737472	0.62532	-1.59918	2.3053	2.02542	0.780969	1
ch.3.2780300F	0.486377	0.663331	-1.50754	0.445927	0.637037	-1.56977	0.88816	0.921579	-1.08509	0.990762	1.00674	1.00674	2.3053	12.2981	4.74195	1
cg22938135	0.809414	0.811558	-1.2322	0.101983	0.212935	-4.69626	0.738502	1.33579	1.33579	0.968656	0.966615	-1.03454	2.30529	27.2641	10.5127	1
cg15614573	0.396211	1.498	1.498	0.895015	0.940436	-1.06334	0.924127	0.956658	-1.04531	0.149859	0.487669	-2.05057	2.30528	7.89951	3.04596	1
cg04528819	0.0908033	0.271898	-3.67786	0.487081	0.610444	-1.63815	0.0277007	6.16737	6.16737	0.662171	1.35977	1.35977	2.30523	17.8394	6.87884	1
cg10929866	0.268058	0.674168	-1.48331	0.104226	1.83498	1.83498	0.163018	1.66345	1.66345	0.426037	1.3202	1.3202	2.30521	4.26432	1.64432	1
cg07285481	0.357364	1.36753	1.36753	0.357788	0.731457	-1.36714	0.0413653	2.17714	2.17714	0.214099	1.54117	1.54117	2.30519	3.99216	1.53939	1
cg18499636	0.714576	1.05396	1.05396	0.114375	1.28243	1.28243	0.350209	0.871022	-1.14808	0.106742	0.774719	-1.29079	2.43551	0.771898	0.246505	1
cg16614527	0.335162	2.19875	2.19875	0.309219	2.30305	2.30305	0.014441	10.9104	10.9104	0.0350574	7.00553	7.00553	2.30517	22.9432	8.84702	1
cg24273995	0.375742	0.908194	-1.10109	0.132342	0.841945	-1.18773	0.645177	1.05034	1.05034	0.174577	1.1653	1.1653	2.30515	0.409681	0.157977	1
cg01597727	0.124497	0.305693	-3.27125	0.0140681	0.115321	-8.67146	0.223022	0.401566	-2.49025	0.135055	0.317277	-3.15182	2.30511	18.5374	7.14836	1
cg26440261	0.109002	0.435097	-2.29834	0.0955594	0.418207	-2.39116	0.0235911	0.276066	-3.62232	0.477923	0.709262	-1.40992	2.30511	8.27622	3.19145	1
cg26816421	0.361737	1.32469	1.32469	0.418486	1.2814	1.2814	0.184828	1.52471	1.52471	0.0620363	1.8779	1.8779	2.3051	3.28398	1.26637	1
cg21874213	0.98031	0.994675	-1.00535	0.30574	0.794981	-1.25789	0.319529	1.24926	1.24926	0.169095	0.728355	-1.37296	2.30508	1.70884	0.658963	1
cg09177577	0.757699	0.913617	-1.09455	0.17918	1.51678	1.51678	0.702157	0.893886	-1.11872	0.0517113	0.523911	-1.90872	2.30508	3.11175	1.19996	1
cg16178603	?	?	?	0.0529538	0.0191187	-52.3048	0.0562952	0.0205185	-48.7364	0.0302004	0.00994134	-100.59	2.48068	93.0114	37.4944	1
cg24480120	0.10193	3.25721	3.25721	0.974612	1.02121	1.02121	0.0239844	5.90768	5.90768	0.552881	0.673015	-1.48585	2.30506	15.8833	6.12501	1
cg16080654	0.922298	0.932103	-1.07284	0.921161	1.07395	1.07395	0.396227	1.87036	1.87036	0.487683	0.60161	-1.66221	2.30505	18.9614	7.312	1
cg00948881	0.226935	0.364902	-2.74047	0.0175734	0.100649	-9.93555	0.469199	1.79534	1.79534	0.265389	0.397576	-2.51524	2.30503	23.0554	8.89088	1
cg08180261	0.00460877	0.265807	-3.76213	0.530568	1.25014	1.25014	0.467786	0.771338	-1.29645	0.611004	1.19753	1.19753	2.30503	4.50836	1.73856	1
cg24718756	0.407639	0.525382	-1.90338	0.126692	0.284977	-3.50905	0.622903	1.45736	1.45736	0.097363	0.250984	-3.98432	2.30502	21.0793	8.12883	1
cg20632224	0.141797	1.7174	1.7174	0.54393	0.81034	-1.23405	0.290718	0.687023	-1.45556	0.985053	0.993607	-1.00643	2.305	4.27905	1.65015	1
cg10691387	0.0648139	0.22278	-4.48874	0.0244041	0.143423	-6.97237	0.0355508	0.170032	-5.88126	0.37877	0.520049	-1.92289	2.305	19.1391	7.38069	1
cg05016425	0.366005	1.21345	1.21345	0.102914	0.689584	-1.45015	0.902232	0.974725	-1.02593	0.533443	0.876876	-1.14041	2.305	1.58411	0.610887	1
cg22978003	0.538933	0.756927	-1.32113	0.979387	1.01163	1.01163	0.0839073	2.35427	2.35427	0.155015	1.97643	1.97643	2.30498	7.316	2.82133	1
cg26298409	0.332725	2.61673	2.61673	0.0303502	11.5943	11.5943	0.799077	0.78228	-1.27831	0.192801	3.7692	3.7692	2.30497	33.8307	13.0465	1
cg01297357	0.138742	0.801846	-1.24712	0.894207	0.981732	-1.01861	0.0471468	1.36994	1.36994	0.155999	1.23407	1.23407	2.30497	0.700973	0.270323	1
cg04130952	0.378961	0.668655	-1.49554	0.146174	0.498769	-2.00494	0.0752825	2.41842	2.41842	0.733045	1.16493	1.16493	2.30494	7.2585	2.79921	1
cg15553397	0.420743	0.762105	-1.31215	0.496764	0.79621	-1.25595	0.814542	0.925326	-1.0807	0.156763	0.606388	-1.64911	2.30493	3.98219	1.53572	1
cg22331165	0.403334	0.784672	-1.27442	0.357656	1.30765	1.30765	0.0965657	0.596123	-1.67751	0.245012	0.708346	-1.41174	2.30489	2.93505	1.13191	1
cg00852245	0.527917	1.32606	1.32606	0.199378	0.549702	-1.81917	0.102547	2.19982	2.19982	0.111	0.464757	-2.15166	2.30488	7.10919	2.7417	1
cg18870231	0.233252	0.801663	-1.24741	0.0157024	1.68831	1.68831	0.0743935	1.42136	1.42136	0.60763	0.912465	-1.09593	2.30487	1.14204	0.440436	1
cg09231412	0.21907	1.18969	1.18969	0.0504869	0.741157	-1.34924	0.767342	0.960915	-1.04067	0.904842	0.984057	-1.0162	2.30486	0.659202	0.254226	1
cg00857536	0.791085	0.864096	-1.15728	0.0848579	0.350489	-2.85315	0.802177	0.871	-1.14811	0.506137	0.689939	-1.4494	2.30485	11.0498	4.26146	1
cg06264984	0.76057	0.760301	-1.31527	0.261359	2.85828	2.85828	0.0148706	14.6731	14.6731	0.0721793	6.0452	6.0452	2.30483	29.3452	11.3174	1
cg10441828	0.112573	0.347711	-2.87595	0.0583929	0.270379	-3.69851	0.258821	0.486515	-2.05544	0.129333	0.367058	-2.72436	2.30483	13.6523	5.26522	1
cg12910969	0.462102	1.13404	1.13404	0.00788552	1.77305	1.77305	0.311331	0.838618	-1.19244	0.534401	0.89967	-1.11152	2.30482	1.0306	0.397467	1
cg19981151	0.114804	0.786974	-1.27069	0.175111	1.22317	1.22317	0.619648	0.93249	-1.0724	0.119915	1.26578	1.26578	2.30482	0.712329	0.274721	1
cg15228268	0.299942	1.55685	1.55685	0.40108	1.42502	1.42502	0.899003	0.949019	-1.05372	0.314609	0.651465	-1.535	2.30481	6.1989	2.39071	1
cg19972223	0.498209	1.09328	1.09328	0.0532277	0.752128	-1.32956	0.318936	1.14293	1.14293	0.207999	1.18789	1.18789	2.30481	0.614054	0.23682	1
cg15583492	0.430413	0.652968	-1.53147	0.21289	0.499195	-2.00322	0.151162	2.25835	2.25835	0.94609	1.03646	1.03646	2.3048	10.2379	3.94842	1
cg13747648	0.741629	0.953806	-1.04843	0.786454	0.961925	-1.03958	0.583767	1.08231	1.08231	0.0145893	1.53724	1.53724	2.30478	0.745916	0.287678	1
cg03826683	0.182064	0.725043	-1.37923	0.445244	0.838073	-1.19321	0.79863	0.943618	-1.05975	0.0331052	0.568044	-1.76043	2.30478	1.88105	0.72547	1
cg13130934	0.802115	1.12343	1.12343	0.790317	1.13147	1.13147	0.996987	0.998252	-1.00175	0.0840095	0.412256	-2.42568	2.30475	7.84097	3.02408	1
cg25665283	0.088749	0.372916	-2.68157	0.0307511	0.263658	-3.79279	0.112539	0.403473	-2.47848	0.0243192	0.244081	-4.097	2.30471	10.0757	3.88603	1
cg06861572	0.465176	1.13902	1.13902	0.575154	0.90559	-1.10425	0.668299	0.927291	-1.07841	0.104245	0.732689	-1.36484	2.30466	1.11942	0.43175	1
cg19871564	0.254423	0.883033	-1.13246	0.684527	1.04362	1.04362	0.0820349	1.22312	1.22312	0.0931808	1.21294	1.21294	2.30466	0.398827	0.153824	1
cg20132830	0.766009	1.05043	1.05043	0.962427	0.992265	-1.0078	0.74204	0.947008	-1.05596	0.121907	1.31835	1.31835	2.30466	0.991819	0.382537	1
cg19701531	0.227076	0.463214	-2.15883	0.0235302	0.193696	-5.16272	0.148934	0.390897	-2.55822	0.443351	0.622337	-1.60685	2.30463	13.4415	5.18436	1
cg02587643	0.0773611	1.38513	1.38513	0.0670779	1.40573	1.40573	0.59845	1.09218	1.09218	0.00749677	1.77022	1.77022	2.30463	1.00491	0.387593	1
cg18217175	0.0380056	7.71308	7.71308	0.0173636	0.0854061	-11.7088	0.17607	3.39288	3.39288	0.656802	0.683996	-1.462	2.30462	26.3273	10.1544	1
cg14716734	0.299104	1.47305	1.47305	0.111751	0.536132	-1.86521	0.471589	1.30155	1.30155	0.612476	1.20183	1.20183	2.30458	4.72799	1.82361	1
cg10900068	0.0194505	2.63327	2.63327	0.0722311	0.502763	-1.98901	0.200669	1.58923	1.58923	0.234109	1.53343	1.53343	2.30458	4.28756	1.65374	1
cg06153386	0.102903	0.393171	-2.54342	0.0704494	0.347211	-2.88009	0.0500177	0.310602	-3.21956	0.128057	0.422851	-2.3649	2.30455	9.99068	3.85352	1
cg16218721	0.55697	0.526883	-1.89796	0.0400672	12.927	12.927	0.201769	4.28032	4.28032	0.324356	2.99784	2.99784	2.30453	42.4692	16.381	1
cg06226534	0.193669	0.509296	-1.9635	0.0944311	0.405785	-2.46436	0.702708	0.828507	-1.20699	0.240007	1.82862	1.82862	2.30452	8.78448	3.38831	1
cg15144773	0.144544	1.30979	1.30979	0.0144694	1.6801	1.6801	0.349606	1.18033	1.18033	0.168185	1.28773	1.28773	2.30449	1.08215	0.417405	1
cg04076387	0.102747	0.341963	-2.92429	0.416751	1.64683	1.64683	0.946798	1.04093	1.04093	0.93975	0.95558	-1.04648	2.30449	13.1863	5.08623	1
cg07499477	0.151681	1.96583	1.96583	0.824095	1.10292	1.10292	0.983804	0.991107	-1.00897	0.722948	1.16958	1.16958	2.30448	7.06743	2.72607	1
cg23644795	0.476416	1.07159	1.07159	0.742282	0.968979	-1.03201	0.247969	1.12226	1.12226	0.00721798	1.3925	1.3925	2.30446	0.332847	0.128387	1
cg07082484	0.153314	0.516623	-1.93565	0.618405	0.80501	-1.24222	0.255695	1.66948	1.66948	0.674273	0.833116	-1.20031	2.30445	6.80908	2.62645	1
cg07575478	0.569193	1.38658	1.38658	0.0262248	4.47282	4.47282	0.585379	1.36746	1.36746	0.823596	1.13524	1.13524	2.30443	11.7789	4.5435	1
cg03298716	0.22141	0.673225	-1.48539	0.81327	1.07556	1.07556	0.710005	1.12186	1.12186	0.0989287	0.572967	-1.7453	2.30443	3.45868	1.33412	1
cg10470814	0.211719	0.756842	-1.32128	0.0125197	0.517981	-1.93057	0.0885961	1.48857	1.48857	0.62918	1.10854	1.10854	2.3044	1.63671	0.631336	1
cg10187674	0.288564	0.575928	-1.73633	0.0786286	0.375963	-2.65983	0.254011	0.550707	-1.81585	0.240251	0.540209	-1.85113	2.3044	9.1542	3.5311	1
cg18397998	0.254205	0.456422	-2.19095	0.283074	0.479628	-2.08495	0.0455887	0.220873	-4.52748	0.126138	0.336163	-2.97474	2.30439	15.8385	6.1095	1
cg04795638	0.953615	0.980549	-1.01984	0.00726947	0.310616	-3.21941	0.351205	1.38265	1.38265	0.408966	1.33	1.33	2.30433	4.16164	1.60534	1
cg27074837	0.481752	1.25257	1.25257	0.0942669	1.7849	1.7849	0.987086	1.00511	1.00511	0.807597	0.926036	-1.07987	2.30433	3.62006	1.39643	1
cg22029985	0.577658	0.878029	-1.13892	0.00435508	0.414405	-2.4131	0.49606	0.852289	-1.17331	0.748426	0.92829	-1.07725	2.30432	1.95164	0.752842	1
cg19334895	0.561532	0.937836	-1.06628	0.0867342	0.813147	-1.22979	0.945611	0.992569	-1.00749	0.0971693	0.819522	-1.22022	2.3043	0.436244	0.168282	1
cg07785552	0.904542	0.955714	-1.04634	0.98968	0.995129	-1.0049	0.74748	1.12971	1.12971	0.101665	0.508372	-1.96707	2.30429	5.2022	2.00677	1
cg07620844	0.899647	0.931746	-1.07325	0.00759691	0.146063	-6.84636	0.6037	1.34104	1.34104	0.638489	0.767084	-1.30364	2.30428	11.4588	4.42029	1
cg02546208	0.924595	0.984975	-1.01525	0.0438249	0.690375	-1.44849	0.129505	1.29945	1.29945	0.323912	0.849655	-1.17695	2.30425	0.933313	0.360036	1
cg02441711	0.297916	2.5238	2.5238	0.0503354	6.78035	6.78035	0.330931	2.36478	2.36478	0.0727608	5.57009	5.57009	2.30421	26.8626	10.3627	1
cg02389555	0.074899	0.518504	-1.92863	0.258468	0.676787	-1.47757	0.174809	0.620111	-1.61262	0.935321	0.973484	-1.02724	2.30421	4.00087	1.54341	1
cg12166917	0.448852	0.797967	-1.25318	0.156136	1.5584	1.5584	0.221437	1.45621	1.45621	0.930591	0.974847	-1.0258	2.30421	3.12062	1.20384	1
cg15342939	0.731178	1.11593	1.11593	0.847605	0.94064	-1.06311	0.0103108	2.79561	2.79561	0.515081	1.23361	1.23361	2.3042	3.6919	1.42422	1
cg08139059	0.65281	1.16017	1.16017	0.218144	0.653775	-1.52958	0.501797	1.25064	1.25064	0.486231	0.792851	-1.26127	2.30419	3.92798	1.5153	1
cg06770908	0.023778	0.674202	-1.48323	0.25196	1.19106	1.19106	0.175469	1.23428	1.23428	0.600125	0.925631	-1.08034	2.30419	0.778946	0.300495	1
cg19587226	0.113075	1.35087	1.35087	0.0497426	0.676827	-1.47748	0.548801	1.1116	1.1116	0.30694	1.20256	1.20256	2.30412	1.10984	0.428155	1
cg15570293	0.983859	1.0073	1.0073	0.0729026	0.486986	-2.05345	0.0358392	0.415496	-2.40676	0.551515	1.24195	1.24195	2.30409	4.72051	1.82111	1
cg02647408	0.19053	1.81128	1.81128	0.0362987	2.83786	2.83786	0.137414	1.98495	1.98495	0.34202	1.52126	1.52126	2.30409	6.70122	2.58525	1
cg14240331	0.0632793	0.675183	-1.48108	0.0439123	0.646973	-1.54566	0.372653	0.841887	-1.18781	0.407791	1.1726	1.1726	2.30407	1.29037	0.49781	1
cg23848471	0.105995	2.26142	2.26142	0.121955	2.17014	2.17014	0.3527	1.5558	1.5558	0.828462	1.10549	1.10549	2.30406	7.7948	3.00717	1
cg08628580	0.496493	1.17094	1.17094	0.0799146	1.55913	1.55913	0.571703	1.13954	1.13954	0.743971	1.07778	1.07778	2.30403	1.90627	0.735432	1
cg04127606	0.00748668	0.574274	-1.74133	0.212288	1.23572	1.23572	0.290547	0.838023	-1.19328	0.476311	0.889872	-1.12376	2.30402	0.947088	0.365386	1
cg04501217	0.0746147	0.693506	-1.44195	0.0769401	1.43686	1.43686	0.851298	0.966007	-1.03519	0.295781	0.818899	-1.22115	2.30402	1.23923	0.478096	1
cg05499880	0.605594	0.801321	-1.24794	0.0574874	0.401103	-2.49313	0.0878629	0.448875	-2.22779	0.0592196	0.404261	-2.47365	2.30402	6.59787	2.54546	1
cg05570739	0.145339	0.29775	-3.35852	0.0453272	0.16883	-5.92311	0.605351	0.667744	-1.49758	0.120958	0.271747	-3.67989	2.30401	21.904	8.45061	1
cg06979030	0.380361	0.926268	-1.0796	0.102224	0.858791	-1.16443	0.07766	1.18166	1.18166	0.22813	0.897921	-1.11368	2.30399	0.264372	0.101996	1
cg19584864	0.113859	1.27047	1.27047	0.0227636	0.684315	-1.46132	0.589414	1.07878	1.07878	0.30396	1.15971	1.15971	2.30398	0.706728	0.27266	1
cg10666081	0.384421	0.665281	-1.50312	0.572887	1.29738	1.29738	0.00737642	0.206422	-4.84445	0.685045	0.829989	-1.20484	2.30393	7.62038	2.94005	1
cg27299538	0.735846	1.15168	1.15168	0.63109	1.2236	1.2236	0.0628948	0.4178	-2.39349	0.794284	1.11515	1.11515	2.30393	6.34762	2.449	1
cg06631625	0.169645	2.17441	2.17441	0.972399	0.981797	-1.01854	0.309369	1.74818	1.74818	0.357545	0.605081	-1.65267	2.30386	10.2867	3.96889	1
cg08702915	0.632804	0.761808	-1.31267	0.0556665	0.293592	-3.40609	0.144786	0.412639	-2.42343	0.300253	0.545142	-1.83439	2.30385	11.6559	4.49715	1
cg02392124	0.780299	1.08563	1.08563	0.616736	1.15982	1.15982	0.295866	1.37506	1.37506	0.126017	0.614824	-1.62648	2.30384	3.15015	1.21542	1
cg15552843	0.41794	0.464455	-2.15306	0.359809	0.417992	-2.39239	0.0319126	10.272	10.272	0.0408623	8.90752	8.90752	2.30381	31.3204	12.0845	1
cg07882184	0.410788	0.650493	-1.5373	0.0210905	0.242152	-4.12963	0.657481	1.25628	1.25628	0.294719	0.573719	-1.74301	2.30379	9.53768	3.68	1
cg20704560	0.173727	2.42946	2.42946	0.0596788	0.271602	-3.68185	0.0585012	0.269547	-3.70993	0.635391	1.34038	1.34038	2.30378	13.7254	5.29578	1
cg02077237	0.24618	0.55697	-1.79543	0.0298652	0.291351	-3.43229	0.896719	0.939254	-1.06467	0.414422	0.668587	-1.49569	2.30378	8.49638	3.27824	1
cg09921423	0.709979	1.291	1.291	0.0118478	0.116679	-8.57049	0.1789	2.6548	2.6548	0.440323	0.583869	-1.71271	2.30377	17.0582	6.58176	1
cg11046638	0.805014	0.936226	-1.06812	0.784742	0.92965	-1.07567	0.814529	1.06461	1.06461	0.297255	0.749829	-1.33364	2.30377	2.58999	0.999326	1
cg27646848	0.802862	0.950639	-1.05192	0.0072228	0.49581	-2.0169	0.441566	1.17211	1.17211	0.662395	1.09298	1.09298	2.30377	1.4943	0.576564	1
cg18585693	0.270285	1.2718	1.2718	0.475903	0.85912	-1.16398	0.78426	1.05917	1.05917	0.033019	1.68571	1.68571	2.30377	1.60083	0.617666	1
cg27034819	0.440526	0.763936	-1.30901	0.00656878	0.29866	-3.34828	0.108832	0.549543	-1.81969	0.753721	1.11376	1.11376	2.30376	4.27581	1.64979	1
cg13009365	0.0872365	0.725793	-1.3778	0.348387	0.848861	-1.17805	0.344618	1.17966	1.17966	0.0207404	1.60415	1.60415	2.30375	1.05109	0.405555	1
cg02576395	0.0913942	1.57585	1.57585	0.557123	0.864791	-1.15635	0.00804775	2.29456	2.29456	0.510188	0.849233	-1.17753	2.30372	2.18369	0.842574	1
cg05521499	0.590781	0.905627	-1.10421	0.346833	1.19352	1.19352	0.520748	0.887918	-1.12623	0.0275148	0.62123	-1.60971	2.30372	1.21677	0.469492	1
cg08704320	0.0748946	0.454551	-2.19997	0.660803	0.839034	-1.19185	0.154449	0.545621	-1.83277	0.371088	0.694172	-1.44057	2.32512	5.17101	2.22398	1
cg02255801	?	?	?	0.0755559	0.614553	-1.6272	0.81626	1.05896	1.05896	0.131505	0.669849	-1.49287	2.3251	1.98264	0.85271	1
cg00393283	0.102926	3.08032	3.08032	0.0158574	6.44416	6.44416	0.0671631	3.64632	3.64632	0.114049	2.95654	2.95654	2.30363	14.5072	5.59782	1
cg19847963	0.469225	0.812578	-1.23065	0.21197	0.690328	-1.44859	0.295759	1.35744	1.35744	0.297269	1.35605	1.35605	2.30362	2.8985	1.11843	1
cg14939300	0.332633	0.771123	-1.29681	0.0395232	1.85747	1.85747	0.538114	1.17599	1.17599	0.461465	1.21527	1.21527	2.30362	2.46738	0.952079	1
cg11566358	0.154304	0.432667	-2.31125	0.259307	0.523843	-1.90897	0.169721	0.447715	-2.23356	0.497611	0.685007	-1.45984	2.30359	11.013	4.2496	1
cg15771388	0.188968	0.657718	-1.52041	0.140316	0.620268	-1.61221	0.154714	1.58178	1.58178	0.560429	0.837581	-1.19391	2.30358	3.30675	1.27598	1
cg11908799	0.21459	0.586429	-1.70524	0.108493	0.489098	-2.04458	0.0793562	2.2157	2.2157	0.916669	1.04368	1.04368	2.30356	6.08798	2.3492	1
cg07765621	0.0728472	0.494643	-2.02166	0.0138789	0.343209	-2.91368	0.0436918	0.442323	-2.26079	0.718822	1.13563	1.13563	2.30356	4.51484	1.74217	1
cg20114890	0.0546702	6.46434	6.46434	0.0117964	14.7718	14.7718	0.854733	1.16991	1.16991	0.0671107	5.79584	5.79584	2.30352	26.748	10.3216	1
cg05575043	0.134818	1.34755	1.34755	0.0121899	0.561056	-1.78235	0.732002	0.938376	-1.06567	0.94617	1.01257	1.01257	2.30352	1.24895	0.48195	1
cg14746762	0.500375	1.16116	1.16116	0.00416795	2.31338	2.31338	0.265107	1.28877	1.28877	0.822581	1.05028	1.05028	2.30352	1.74068	0.671696	1
cg19502207	0.0801789	0.236568	-4.22712	0.0276219	0.144553	-6.91787	0.047936	0.186511	-5.36161	0.41052	0.535267	-1.86823	2.30351	20.1201	7.76402	1
cg23043640	0.216449	1.24115	1.24115	0.0425473	1.47385	1.47385	0.011177	1.69577	1.69577	0.49887	0.892234	-1.12078	2.30351	1.00646	0.388378	1
cg11002763	0.342761	0.74309	-1.34573	0.434234	1.2743	1.2743	0.701575	1.12408	1.12408	0.946366	1.02065	1.02065	2.3035	3.36697	1.29927	1
cg12973168	?	?	?	?	?	?	0.252165	3.0761	3.0761	0.679253	1.47783	1.47783	2.35126	25.5574	12.4225	1
cg21467717	0.365159	0.653375	-1.53051	0.00499383	5.47095	5.47095	0.146401	2.04026	2.04026	0.349249	1.55387	1.55387	2.30347	7.63253	2.94533	1
cg17809945	0.252861	0.513756	-1.94645	0.0645045	0.31407	-3.18401	0.806787	0.872278	-1.14642	0.459905	0.657314	-1.52134	2.30346	11.3452	4.37805	1
cg27007426	0.526561	0.897967	-1.11363	0.0262079	0.64253	-1.55635	0.035248	1.5088	1.5088	0.414819	0.869527	-1.15005	2.30345	1.02629	0.396039	1
cg14146407	0.340422	1.3401	1.3401	0.0335896	0.477278	-2.09522	0.497384	0.814409	-1.22788	0.648263	1.14666	1.14666	2.30342	3.23903	1.24994	1
cg26509318	0.368985	1.83458	1.83458	0.164219	0.376766	-2.65417	0.0481301	0.226391	-4.41714	0.184372	0.396131	-2.52442	2.30341	15.779	6.08912	1
cg17326855	0.306748	1.73071	1.73071	0.27795	1.79477	1.79477	0.828627	1.11894	1.11894	0.584459	0.75104	-1.33149	2.30338	9.80386	3.78337	1
cg27578963	0.050607	0.508108	-1.96809	0.125156	1.65616	1.65616	0.0783568	1.81187	1.81187	0.93104	1.02666	1.02666	2.30336	3.37016	1.30057	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23342691	PTK6	0.127039	0.61961	0.824636	-1.21266	0.04275	2.45632	2.45632	0.141024	1.84044	1.84044	0.142894	1.83441	1.83441	0.453299	0.745012	-1.34226	0.421061	0.728546	-1.3726	0.197173	0.591371	-1.69099	0.0719111	2.16866	2.16866	0.299669	1.51307	1.51307	2.30336	5.41586	2.09003	1
cg24715735	HPN;HPN	0.12704	0.284899	0.6533	-1.53069	0.130379	0.534667	-1.87032	0.100804	0.502166	-1.99137	0.853186	1.07358	1.07358	0.00616801	0.254328	-3.93193	0.333496	0.682281	-1.46567	0.940045	1.02925	1.02925	0.585935	1.23468	1.23468	0.905454	1.04659	1.04659	2.30335	5.35841	2.06787	1
cg04737405	OR12D2;OR12D2	0.127043	0.151956	0.687954	-1.45359	0.788532	1.06771	1.06771	0.749168	1.08131	1.08131	0.794237	0.938289	-1.06577	0.00574967	0.413907	-2.416	0.543503	0.860832	-1.16167	0.350722	1.26373	1.26373	0.131669	0.672618	-1.48673	0.931999	0.979417	-1.02102	2.30332	2.16645	0.836068	1
cg15488722	FREM2	0.127044	0.0268336	12.3452	12.3452	0.293154	2.84365	2.84365	0.101867	5.56259	5.56259	0.804513	1.26828	1.26828	0.0869249	6.12108	6.12108	0.116067	5.13862	5.13862	0.178122	3.94015	3.94015	0.0199583	14.7562	14.7562	0.98704	0.984555	-1.01569	2.30332	33.5033	12.9295	1
cg23369985	JAKMIP3	0.127045	0.175859	0.775717	-1.28913	0.0766	1.41561	1.41561	0.571295	1.10623	1.10623	0.643923	0.92115	-1.0856	0.401637	1.16355	1.16355	0.470796	1.13821	1.13821	0.0189335	1.65119	1.65119	0.159397	0.766946	-1.30387	0.833459	0.963528	-1.03785	2.30331	1.13585	0.438347	1
cg23449659	TRPV6;TRPV6	0.127046	0.0843051	0.34323	-2.9135	0.00884652	6.46285	6.46285	0.60509	1.33923	1.33923	0.822764	1.13386	1.13386	0.526083	0.697863	-1.43295	0.549641	1.40352	1.40352	0.871607	1.0948	1.0948	0.154935	2.34523	2.34523	0.510216	1.45358	1.45358	2.30331	11.4384	4.4143	1
cg24377590	STXBP5;STXBP5;STXBP5;STXBP5	0.127047	0.683673	0.944661	-1.05858	0.089102	0.77062	-1.29766	0.0534597	0.73725	-1.35639	0.414183	1.123	1.123	0.0492915	1.36593	1.36593	0.129252	1.25583	1.25583	0.452392	0.899078	-1.11225	0.855046	1.02574	1.02574	0.98444	0.997294	-1.00271	2.3033	0.704482	0.271874	1
cg23065934	11-Mar	0.127047	0.8641	0.931812	-1.07318	0.528257	0.768421	-1.30137	0.666618	1.19563	1.19563	0.222108	1.69724	1.69724	0.518728	0.76361	-1.30957	0.00917142	0.255616	-3.91212	0.134752	1.94402	1.94402	0.918408	1.04315	1.04315	0.278387	1.59148	1.59148	2.30329	6.1999	2.39267	1
cg13914598	OGFOD2;ABCB9	0.127053	0.618572	1.05261	1.05261	0.345821	0.905578	-1.10427	0.227174	0.878518	-1.13828	0.104657	0.834283	-1.19863	0.430169	0.92103	-1.08574	0.0189531	0.748067	-1.33678	0.706319	1.03943	1.03943	0.123285	1.18595	1.18595	0.35883	1.10118	1.10118	2.30325	0.380681	0.146916	1
cg02338345	PDLIM1	0.127054	0.457541	0.850841	-1.17531	0.37262	0.822477	-1.21584	0.144088	0.715293	-1.39803	0.405785	0.833936	-1.19913	0.571516	0.885074	-1.12985	0.280183	1.27085	1.27085	0.0123938	1.94377	1.94377	0.823437	1.04887	1.04887	0.21164	0.755065	-1.32439	2.30324	1.66296	0.641786	1
cg11153071	RPTOR;RPTOR	0.127055	0.280028	1.57339	1.57339	0.0666958	2.29286	2.29286	0.0778718	2.20515	2.20515	0.788746	1.11448	1.11448	0.679907	0.845823	-1.18228	0.320058	1.5139	1.5139	0.0279112	2.85339	2.85339	0.148049	1.87063	1.87063	0.182647	0.565079	-1.76966	2.30323	5.94202	2.29321	1
cg17284236	ZNF490	0.127055	0.187671	2.76557	2.76557	0.878066	1.11835	1.11835	0.613382	1.44945	1.44945	0.16836	2.91379	2.91379	0.245588	0.412799	-2.42248	0.814796	1.18644	1.18644	0.0088483	11.3339	11.3339	0.394844	1.88685	1.88685	0.0729963	4.29267	4.29267	2.30323	19.3621	7.47246	1
cg07020398	NCOA2	0.127059	0.218067	0.75682	-1.32132	0.891063	0.97096	-1.02991	0.804377	1.05482	1.05482	0.00817326	2.07069	2.07069	0.11015	0.68767	-1.45419	0.941355	1.01595	1.01595	0.377796	0.823155	-1.21484	0.592757	0.890384	-1.12311	0.676012	1.0946	1.0946	2.3032	1.687	0.651078	1
cg11096993	ACY3	0.12706	0.146805	0.420146	-2.38013	0.547351	1.40367	1.40367	0.199623	0.47019	-2.1268	0.327092	1.75659	1.75659	0.0923357	0.356421	-2.80567	0.0284893	4.21879	4.21879	0.641854	0.770405	-1.29802	0.334266	1.74117	1.74117	0.457025	1.52469	1.52469	2.30318	11.3118	4.36565	1
cg17605107	PHAX	0.127061	0.192041	0.787214	-1.2703	0.0876674	1.38626	1.38626	0.690284	1.07186	1.07186	0.306442	0.832396	-1.20135	0.905162	0.979562	-1.02086	0.880573	1.02639	1.02639	0.112383	0.741219	-1.34913	0.110698	1.35137	1.35137	0.05014	1.47246	1.47246	2.30318	1.09493	0.422577	1
cg24036612	SLCO4C1	0.127068	0.0321484	1.94828	1.94828	0.105889	0.625398	-1.59898	0.7027	1.10729	1.10729	0.104742	1.60192	1.60192	0.790562	0.931706	-1.0733	0.172118	1.47145	1.47145	0.520765	1.18885	1.18885	0.929941	0.976902	-1.02364	0.12822	0.645975	-1.54805	2.30312	2.57614	0.994259	1
cg25241322	SLC16A13	0.12707	0.0383054	0.189424	-5.27917	0.978615	0.982014	-1.01832	0.208152	2.47417	2.47417	0.285141	0.469489	-2.12998	0.557595	0.668802	-1.49521	0.0554983	0.223417	-4.47594	?	?	?	0.762444	1.22798	1.22798	0.147777	2.89509	2.89509	2.4534	15.5022	5.52884	1
cg00454856	ZNF319	0.127075	0.20641	0.694604	-1.43967	0.098322	1.64174	1.64174	0.560597	1.17458	1.17458	0.384783	0.783754	-1.27591	0.869466	1.046	1.046	0.355509	0.771138	-1.29679	0.0163463	2.23144	2.23144	0.332531	0.760829	-1.31436	0.31335	1.32995	1.32995	2.30306	2.72727	1.05262	1
cg22128724	TCF7L1	0.127077	0.0511305	0.172909	-5.78338	0.121921	0.265886	-3.76101	0.247541	0.384719	-2.5993	0.749816	0.776639	-1.2876	0.0170441	0.100436	-9.9566	0.0760505	0.210178	-4.75786	0.071191	0.203446	-4.91532	0.0922322	0.231239	-4.32452	0.22368	0.364189	-2.74582	2.30305	22.7707	8.78864	1
cg02657160	CPOX	0.127077	0.230219	0.671057	-1.49019	0.0435889	0.479369	-2.08608	0.635396	0.859537	-1.16342	0.31909	1.38583	1.38583	0.364259	0.744195	-1.34373	0.291689	0.70701	-1.41441	0.0229239	0.422156	-2.36879	0.0726279	0.530091	-1.88647	0.523872	1.22716	1.22716	2.30305	3.66295	1.41376	1
cg11133410	TRMT61B	0.127077	0.272391	0.860131	-1.16261	0.359616	0.883182	-1.13227	0.533058	0.920106	-1.08683	0.426274	1.11309	1.11309	0.159177	1.2195	1.2195	0.0722228	1.30293	1.30293	0.036566	0.725848	-1.3777	0.377732	1.12678	1.12678	0.265082	1.16554	1.16554	2.30304	0.634455	0.244876	1
cg01293418	ZNF324	0.127078	0.0294053	0.417528	-2.39505	0.934017	1.02859	1.02859	0.906992	1.0406	1.0406	0.163229	1.65978	1.65978	0.0207816	0.387679	-2.57945	0.563899	0.819855	-1.21973	0.905138	1.04143	1.04143	0.3506	1.38695	1.38695	0.476056	0.781352	-1.27983	2.30304	4.22816	1.63192	1
cg14140554	ZDHHC14;ZDHHC14	0.127085	0.466163	0.558264	-1.79127	0.785074	0.806644	-1.2397	0.851366	1.15887	1.15887	0.211717	0.35554	-2.81263	0.971513	0.972321	-1.02847	0.304647	0.433613	-2.3062	0.00987278	0.0770797	-12.9736	0.0167549	0.100766	-9.92397	0.42005	0.523321	-1.91087	2.30298	22.536	8.69829	1
cg02979170	DPAGT1	0.127087	0.190001	1.20772	1.20772	0.228252	0.842022	-1.18762	0.315002	0.868254	-1.15174	0.0618408	1.33102	1.33102	0.467281	1.1058	1.1058	0.263739	1.17164	1.17164	0.64715	1.06467	1.06467	0.030739	0.708196	-1.41204	0.939013	1.01046	1.01046	2.30297	0.674308	0.260266	1
cg22488975	EDEM3;EDEM3	0.127088	0.101048	0.581032	-1.72108	0.142395	1.61088	1.61088	0.717723	0.896046	-1.11601	0.0234475	0.441091	-2.26711	0.831899	0.937753	-1.06638	0.868274	0.951052	-1.05147	0.125131	0.605383	-1.65185	0.470746	1.24837	1.24837	0.228024	1.46604	1.46604	2.30296	3.33428	1.28695	1
cg02586712	EHD4	0.127088	0.277956	1.49216	1.49216	0.0460167	2.25053	2.25053	0.386359	0.729781	-1.37027	0.986267	0.993913	-1.00612	0.90339	0.957838	-1.04402	0.460014	1.30584	1.30584	0.00967861	3.19397	3.19397	0.148876	1.73185	1.73185	0.331208	1.42712	1.42712	2.30296	4.59	1.77164	1
cg13798302	LOC256880;H2AFZ	0.127089	0.214519	0.865209	-1.15579	0.18697	0.856433	-1.16763	0.0774712	1.24291	1.24291	0.321477	0.892715	-1.12018	0.0345414	1.31404	1.31404	0.428702	1.09365	1.09365	0.36269	1.10922	1.10922	0.542365	0.933952	-1.07072	0.243383	1.14482	1.14482	2.30295	0.447766	0.172828	1
cg16296290	C1orf86	0.127091	0.188941	4.24876	4.24876	0.334563	2.81347	2.81347	0.0161795	21.2812	21.2812	0.149372	4.98726	4.98726	0.25258	0.288761	-3.46307	0.561407	1.84108	1.84108	0.0316593	13.7149	13.7149	0.764088	1.36731	1.36731	0.939874	1.08157	1.08157	2.30293	39.4048	15.2095	1
cg24480859	SLC2A5;SLC2A5;SLC2A5;SLC2A5;SLC2A5	0.127092	0.0482712	0.0968697	-10.3231	0.0256955	0.0645295	-15.4968	0.915799	0.896382	-1.1156	0.287869	0.319397	-3.1309	0.0438929	0.0911313	-10.9732	0.356778	0.375189	-2.66532	0.0353942	0.0793553	-12.6016	0.172841	0.223027	-4.48375	0.241514	0.281378	-3.55393	2.30293	39.0203	15.0612	1
cg24384519	ADCYAP1R1	0.127094	0.723992	1.15748	1.15748	0.632259	0.819656	-1.22002	0.61343	0.810487	-1.23383	0.497114	1.32892	1.32892	0.00557761	0.222792	-4.4885	0.70487	0.854743	-1.16994	0.291936	1.56993	1.56993	0.326815	0.65866	-1.51823	0.143639	0.523028	-1.91194	2.30291	6.2053	2.39516	1
cg26608174	MIR196A1	0.127094	0.223438	2.79535	2.79535	0.104499	4.16238	4.16238	0.167608	3.26099	3.26099	0.054368	5.77989	5.77989	0.79415	1.23386	1.23386	0.337856	2.21225	2.21225	0.495596	0.573467	-1.74378	0.00991076	13.7119	13.7119	0.305185	2.34735	2.34735	2.30291	23.5554	9.09204	1
cg22854434	NR1D1	0.127094	0.149057	1.42313	1.42313	0.0212978	1.87976	1.87976	0.331256	1.25684	1.25684	0.171817	1.39334	1.39334	0.864739	0.961866	-1.03965	0.25603	0.763091	-1.31046	0.151508	0.704376	-1.4197	0.937918	1.01792	1.01792	0.165502	1.40117	1.40117	2.3029	1.8967	0.7321	1
cg24198611	MAPK14;MAPK14;MAPK14;MAPK14;MAPK14;MAPK14;MAPK14;MAPK14	0.127095	0.232254	1.59727	1.59727	0.425922	1.35346	1.35346	0.654773	1.18197	1.18197	0.914102	1.04085	1.04085	0.171971	0.579966	-1.72424	0.441959	1.33885	1.33885	0.303638	1.4881	1.4881	0.0151251	3.14199	3.14199	0.101917	0.509772	-1.96166	2.43294	5.19444	1.6606	1
cg25302704	CLU;CLU	0.127097	0.144349	2.10519	2.10519	0.0347745	3.216	3.216	0.0117714	4.45273	4.45273	0.459965	1.42923	1.42923	0.444347	1.44798	1.44798	0.145513	2.1	2.1	0.078871	2.52528	2.52528	0.103844	2.32632	2.32632	0.560991	1.32189	1.32189	2.30288	8.21922	3.17254	1
cg03853253	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.1271	0.0280635	0.619763	-1.61352	0.223916	1.26567	1.26567	0.322614	1.20732	1.20732	0.496623	0.88049	-1.13573	0.263176	1.23999	1.23999	0.254796	1.24514	1.24514	0.881421	1.02791	1.02791	0.143137	0.748143	-1.33664	0.140386	0.746416	-1.33974	2.30286	1.24015	0.478691	1
cg21669441	AP3B2	0.1271	0.0422969	3.60254	3.60254	0.459961	1.51019	1.51019	0.440212	1.53929	1.53929	0.231797	1.98813	1.98813	0.243354	0.512265	-1.95211	0.51525	0.696603	-1.43554	0.722452	0.82249	-1.21582	0.0153432	5.1068	5.1068	0.329075	1.73662	1.73662	2.30286	10.9508	4.22696	1
cg07394827	GLTPD1	0.127101	0.0417365	0.26456	-3.77987	0.0426652	0.266616	-3.75071	0.257234	0.511803	-1.95388	0.109555	0.372207	-2.68668	0.350814	0.580425	-1.72288	0.0351433	0.249012	-4.01587	0.027869	0.229417	-4.35887	0.467758	0.657999	-1.51976	0.469848	0.659337	-1.51668	2.30285	11.7043	4.51779	1
cg09120171	NLK	0.127101	0.94192	1.02941	1.02941	0.513387	1.30173	1.30173	0.110136	1.99921	1.99921	0.541858	0.78218	-1.27848	0.457871	0.740259	-1.35088	0.233731	1.64326	1.64326	0.0338958	0.373317	-2.67869	0.0490912	2.44426	2.44426	0.499725	0.761422	-1.31333	2.30285	5.77282	2.22828	1
cg04692403	TCF21;TCF21	0.127105	0.921638	1.08969	1.08969	0.116657	4.42871	4.42871	0.109779	4.58051	4.58051	0.0851994	5.26596	5.26596	0.593603	1.60028	1.60028	0.900009	1.11598	1.11598	0.0320317	8.95974	8.95974	0.0158397	13.1959	13.1959	0.187066	3.38963	3.38963	2.30281	27.7921	10.7278	1
cg20401786	TSNARE1	0.127106	0.180268	0.627923	-1.59255	0.948591	0.979134	-1.02131	0.500967	1.2503	1.2503	0.223505	0.658198	-1.5193	0.0186389	0.393499	-2.5413	0.0560865	0.492823	-2.02912	0.26063	1.4677	1.4677	0.414286	1.31379	1.31379	0.63961	0.857076	-1.16676	2.30281	3.90057	1.50563	1
cg25734939	MCF2L;MCF2L	0.127111	0.941668	1.02687	1.02687	0.0226542	2.68799	2.68799	0.0882201	0.505771	-1.97718	0.631798	1.19118	1.19118	0.839358	1.07632	1.07632	0.292625	1.48531	1.48531	0.0680935	0.476961	-2.09661	0.384513	1.38138	1.38138	0.558212	1.23931	1.23931	2.30277	4.7887	1.84848	1
cg26099837	AKT1;AKT1;AKT1	0.127111	0.533102	1.47718	1.47718	0.0608453	3.6911	3.6911	0.377547	0.571455	-1.74992	0.770212	0.834425	-1.19843	0.564419	0.69764	-1.4334	0.227628	0.457167	-2.18738	0.0132643	0.150058	-6.66407	0.219937	0.450616	-2.21919	0.729243	0.806749	-1.23954	2.30277	13.9295	5.3769	1
cg04942260	DIRC3	0.127114	0.0240871	0.43804	-2.2829	0.175856	0.642998	-1.55521	0.0292535	0.454706	-2.19922	0.614837	0.855838	-1.16845	0.132308	0.607523	-1.64603	0.100926	0.576241	-1.73538	0.900991	1.03893	1.03893	0.35838	0.748421	-1.33615	0.0503105	0.504288	-1.98299	2.30274	3.4335	1.32538	1
cg13681847	EPAS1	0.127118	0.063746	0.427428	-2.33958	0.195532	0.572186	-1.74768	0.321696	0.658677	-1.5182	0.344413	0.672214	-1.48762	0.0548418	0.411433	-2.43053	0.0307088	0.355173	-2.81553	0.102453	0.482487	-2.0726	0.443861	0.727339	-1.37487	0.0212032	0.323074	-3.09526	2.3027	6.06572	2.34149	1
cg11746037	NDUFS5	0.12712	0.596353	1.07616	1.07616	0.696661	0.947628	-1.05527	0.0144046	1.51309	1.51309	0.0632032	0.750581	-1.3323	0.222705	0.838663	-1.19237	0.958822	0.992935	-1.00712	0.597035	0.92936	-1.07601	0.39454	1.12721	1.12721	0.333777	1.1467	1.1467	2.30269	0.687613	0.265433	1
cg25308044	CSAG1;CSAG1	0.12712	0.176643	1.84924	1.84924	0.478464	0.734602	-1.36128	0.0577476	0.399177	-2.50516	0.716243	0.85535	-1.16911	0.0261522	0.323233	-3.09374	0.883536	0.939188	-1.06475	0.409962	1.43428	1.43428	0.214011	1.75065	1.75065	0.235394	0.587267	-1.7028	2.30269	6.68118	2.57908	1
cg17207301	PIK3R4	0.127125	0.406679	1.256	1.256	0.00557234	2.65829	2.65829	0.622695	1.14245	1.14245	0.0770661	0.589852	-1.69534	0.882975	1.04034	1.04034	0.921993	1.02665	1.02665	0.81114	1.06639	1.06639	0.93865	1.02089	1.02089	0.601745	1.15188	1.15188	2.30265	2.62964	1.01512	1
cg06732439	LOC151174;LOC643387;LOC151174	0.127128	0.0458764	14.9908	14.9908	0.56815	1.97884	1.97884	0.0836447	9.63205	9.63205	0.419618	2.6527	2.6527	0.109623	7.87359	7.87359	0.0702031	10.9636	10.9636	0.197435	5.01228	5.01228	0.0549621	13.1273	13.1273	0.0224826	25.3801	25.3801	2.30262	51.0423	19.704	1
cg25008393	PFDN2;NIT1	0.127133	0.22536	0.504409	-1.98252	0.535579	1.40101	1.40101	0.486571	1.46223	1.46223	0.0391331	0.277181	-3.60775	0.14284	0.428929	-2.33139	0.640583	0.77668	-1.28753	0.01378	0.194686	-5.13649	0.197505	0.480868	-2.07957	0.693133	0.808023	-1.23759	2.30259	10.5346	4.06678	1
cg27059698	RAI1	0.127136	0.338706	0.633024	-1.57972	0.261964	1.72004	1.72004	0.167728	1.97734	1.97734	0.99339	0.996167	-1.00385	0.626005	0.796343	-1.25574	0.629381	0.798143	-1.25291	0.0151635	0.250771	-3.9877	0.0535574	0.361855	-2.76354	0.928127	0.959033	-1.04272	2.30256	7.83962	3.02644	1
cg25955969	DPH2;DPH2	0.127136	0.0830229	0.726634	-1.37621	0.958071	0.991291	-1.00879	0.087626	1.36849	1.36849	0.828624	1.03673	1.03673	0.0304975	1.52658	1.52658	0.3875	0.862972	-1.15879	0.15479	0.776182	-1.28836	0.439716	0.877118	-1.1401	0.825657	1.03739	1.03739	2.30256	1.00952	0.389717	1
cg03628265	DPF1;DPF1;DPF1	0.127137	0.0993609	1.7878	1.7878	0.0172391	0.393292	-2.54264	0.980218	0.992057	-1.00801	0.518273	1.23447	1.23447	0.753027	0.903461	-1.10686	0.619482	0.851286	-1.17469	0.0530199	2.02819	2.02819	0.731817	0.895258	-1.117	0.691169	1.13704	1.13704	2.30255	3.77234	1.45629	1
cg01840965	RFPL2	0.127137	0.392487	0.650078	-1.53828	0.822831	1.11655	1.11655	0.305403	0.593492	-1.68494	0.338926	1.62349	1.62349	0.563228	0.750282	-1.33283	0.261784	1.77763	1.77763	0.446414	1.46453	1.46453	0.0125263	0.217203	-4.60399	0.0817605	0.387417	-2.5812	2.30255	8.81336	3.40236	1
cg25314706	MYO7B	0.127138	0.672977	0.920048	-1.0869	0.00670549	0.501465	-1.99416	0.255624	0.792192	-1.26232	0.752274	0.939735	-1.06413	0.702416	1.07826	1.07826	0.3195	0.817149	-1.22377	0.0944884	1.43448	1.43448	0.838385	0.960705	-1.0409	0.870798	0.968554	-1.03247	2.30254	1.40511	0.542439	1
cg19466822	BCL11B;BCL11B	0.127141	0.510754	1.32589	1.32589	0.134658	0.50558	-1.97793	0.152183	0.522769	-1.91289	0.86271	0.929424	-1.07594	0.71274	1.16926	1.16926	0.680766	0.839512	-1.19117	0.0679396	0.421245	-2.37392	0.00823432	0.239505	-4.17528	0.822111	0.909169	-1.09991	2.30252	6.52082	2.51737	1
cg21404028	TSEN15;TSEN15;TSEN15	0.127143	0.685786	0.928314	-1.07722	0.245862	0.800946	-1.24852	0.284764	0.816111	-1.22532	0.0136334	0.572321	-1.74727	0.139166	0.747443	-1.33789	0.0840159	1.41856	1.41856	0.362187	0.842581	-1.18683	0.5826	0.903473	-1.10684	0.609384	1.09883	1.09883	2.3025	1.21965	0.470852	1
cg13537471	CYP2A6	0.127144	0.542903	0.937788	-1.06634	0.190613	0.865418	-1.15551	0.162745	0.856063	-1.16814	0.7663	0.969392	-1.03157	0.0376101	0.777594	-1.28602	0.325688	0.899569	-1.11164	0.070002	1.23526	1.23526	0.224722	0.875465	-1.14225	0.0621431	0.803309	-1.24485	2.3025	0.396653	0.153129	1
cg20679573	NRD1;NRD1	0.127146	0.0611451	1.7324	1.7324	0.62292	1.13777	1.13777	0.527674	0.846503	-1.18133	0.0288525	1.95649	1.95649	0.524031	0.845223	-1.18312	?	?	?	0.156054	0.673546	-1.48468	0.478254	1.20653	1.20653	0.191523	1.43348	1.43348	2.32387	2.21879	0.954782	1
cg05236972	CELSR1	0.127146	0.160411	0.91419	-1.09386	0.0284665	0.856681	-1.1673	0.0371969	0.86527	-1.15571	0.453188	0.955312	-1.04678	0.318019	0.940119	-1.0637	0.181595	0.918659	-1.08854	0.132558	0.907463	-1.10197	0.168398	1.09178	1.09178	0.66936	0.974627	-1.02603	2.30248	0.130527	0.0503911	1
cg09032630	HIST1H2AL	0.127146	0.0912028	4.92057	4.92057	0.0378236	7.86859	7.86859	0.0669821	5.80502	5.80502	0.116117	4.31741	4.31741	0.0811683	5.23847	5.23847	0.13828	3.92307	3.92307	0.0450684	7.16792	7.16792	0.0739707	5.50542	5.50542	0.147362	3.78739	3.78739	2.30248	26.7529	10.3282	1
cg06690050	ZSWIM4	0.127152	0.485873	0.852266	-1.17334	0.452306	0.841258	-1.1887	0.0655949	0.627206	-1.59437	0.403966	0.824659	-1.21262	0.194045	0.733308	-1.36368	0.959827	1.01144	1.01144	0.0162384	1.94179	1.94179	0.19504	0.733873	-1.36263	0.663603	0.905928	-1.10384	2.30242	1.85839	0.717463	1
cg10445487	GABARAPL2	0.127153	0.143707	0.805528	-1.24142	0.286539	1.16456	1.16456	0.094437	1.28797	1.28797	0.232421	1.18813	1.18813	0.646374	1.06566	1.06566	0.429733	1.11735	1.11735	0.0721456	0.758599	-1.31822	0.23116	1.18874	1.18874	0.077221	1.31054	1.31054	2.30242	0.690986	0.266767	1
cg19431881	TMEM132E	0.127153	0.147762	0.435883	-2.29419	0.832003	1.12029	1.12029	0.296431	1.78401	1.78401	0.86648	1.09415	1.09415	0.474299	0.677679	-1.47562	0.658271	0.788194	-1.26872	0.012279	0.188691	-5.29968	0.215408	2.00815	2.00815	0.112198	0.396628	-2.52125	2.30241	10.4255	4.02496	1
cg21403076	ACTR3	0.127155	0.0241841	0.643494	-1.55401	0.138778	1.29871	1.29871	0.31717	1.18484	1.18484	0.674195	0.932998	-1.07181	0.937154	1.01302	1.01302	0.375929	1.16072	1.16072	0.0719333	1.39027	1.39027	0.32766	1.18026	1.18026	0.185736	1.25878	1.25878	2.3024	0.981021	0.378743	1
cg10684627	CDH23;CDH23	0.127165	0.431538	0.704733	-1.41898	0.0718329	0.41642	-2.40142	0.412234	0.693884	-1.44116	0.264978	0.602657	-1.65932	0.757617	0.87377	-1.14447	0.0993716	0.455033	-2.19764	0.895153	1.05916	1.05916	0.00487484	0.196563	-5.08743	0.52892	0.757246	-1.32057	2.30232	6.92859	2.67502	1
cg05200715	KCNC2;KCNC2;KCNC2	0.127165	0.0511061	0.225384	-4.43688	0.933338	1.05771	1.05771	0.492879	1.59535	1.59535	0.598672	0.700325	-1.42791	0.0799407	0.271675	-3.68087	0.365546	0.53604	-1.86553	0.0100454	0.113126	-8.83969	0.719389	0.785076	-1.27376	0.200831	0.40407	-2.47482	2.30232	16.4029	6.33288	1
cg21961771	SLC17A8;SLC17A8	0.127168	0.106287	0.378655	-2.64093	0.774623	0.853794	-1.17124	0.873839	0.916227	-1.09143	0.166963	0.444312	-2.25067	0.00635748	0.141466	-7.06884	0.192152	0.467608	-2.13854	0.114026	0.388065	-2.57689	0.118536	0.393376	-2.5421	0.879403	0.919803	-1.08719	2.30229	11.0537	4.26772	1
cg10628098	SCYL1;SCYL1	0.127169	0.724061	1.05261	1.05261	0.0982922	1.29989	1.29989	0.541793	1.09345	1.09345	0.911023	0.98396	-1.0163	0.185876	1.22494	1.22494	0.950538	0.991067	-1.00901	0.0350291	0.700974	-1.42659	0.281083	1.17592	1.17592	0.0365736	1.42106	1.42106	2.30229	0.762934	0.294561	1
cg25864024	FAM174B	0.12717	0.0618952	0.525285	-1.90373	0.616031	0.856561	-1.16746	0.00717109	2.89511	2.89511	0.75018	0.906813	-1.10276	0.852532	0.94461	-1.05864	0.919645	1.03138	1.03138	0.932629	0.974441	-1.02623	0.523185	1.21913	1.21913	0.549954	1.20349	1.20349	2.30228	3.4191	1.32008	1
cg09528884	PTEN;KILLIN;KILLIN	0.12717	0.108832	0.735329	-1.35994	0.863694	0.970245	-1.03067	0.914853	1.01898	1.01898	0.0203636	0.611692	-1.63481	0.124344	1.33981	1.33981	0.590391	0.908892	-1.10024	0.451221	0.873765	-1.14447	0.0999615	1.37285	1.37285	0.925442	1.01659	1.01659	2.30228	1.12689	0.435081	1
cg02730492	COL4A1	0.127172	0.556348	0.627012	-1.59487	0.217454	2.76757	2.76757	0.543351	1.62031	1.62031	0.828127	0.843178	-1.18599	0.321624	0.447841	-2.23294	0.36751	2.06728	2.06728	0.00956263	0.0762005	-13.1233	0.111316	0.256461	-3.89923	0.422337	0.525709	-1.90219	2.30226	22.4428	8.665	1
cg20106214	IRGQ	0.127172	0.867422	1.09622	1.09622	0.00830533	6.39362	6.39362	0.0503972	3.40856	3.40856	0.663753	1.27192	1.27192	0.195087	0.470681	-2.12458	0.728834	1.2109	1.2109	0.88181	0.921451	-1.08524	0.339963	1.71733	1.71733	0.51847	1.43326	1.43326	2.30226	11.0247	4.25656	1
cg07583756	NDUFB5	0.127173	0.528629	0.759067	-1.31741	0.120167	0.482882	-2.0709	0.165133	0.527628	-1.89527	0.628237	1.23454	1.23454	0.0647948	0.408361	-2.44882	0.0519944	0.384938	-2.59782	0.0249727	0.316027	-3.16428	0.812333	1.10817	1.10817	0.0994021	0.458436	-2.18133	2.30225	6.79933	2.62519	1
cg05689984	ZMAT1;ZMAT1	0.127176	0.976229	0.985609	-1.0146	0.166274	0.487683	-2.05051	0.058756	0.353966	-2.82513	0.773531	0.869044	-1.15069	0.00599468	0.174259	-5.7386	0.327202	0.611375	-1.63566	0.413517	0.665855	-1.50183	0.496192	1.39952	1.39952	0.500295	0.716888	-1.39492	2.30223	8.62923	3.33174	1
cg03525191	ZNF620;ZNF620	0.127182	0.957257	0.99044	-1.00965	0.245454	1.24326	1.24326	0.259301	1.23482	1.23482	0.919796	0.98211	-1.01822	0.0592352	0.682678	-1.46482	0.0254113	1.60989	1.60989	0.825113	0.96111	-1.04046	0.0974278	1.3854	1.3854	0.508333	0.886681	-1.1278	2.30218	1.17132	0.452258	1
cg11547486	NET1	0.127186	0.571218	0.905696	-1.10412	0.278461	1.21539	1.21539	0.320936	1.19424	1.19424	0.559468	1.10756	1.10756	0.472447	0.881173	-1.13485	0.0945818	1.37445	1.37445	0.0249685	0.630173	-1.58687	0.640822	0.921887	-1.08473	0.0898012	1.38223	1.38223	2.30215	1.09244	0.421806	1
cg12876866	PION	0.127187	0.113527	0.303469	-3.29523	0.0362909	0.185328	-5.39585	0.945608	0.953852	-1.04838	0.410431	1.79124	1.79124	0.0225027	0.150683	-6.63645	0.333323	1.9958	1.9958	0.607057	1.43222	1.43222	0.359975	0.521138	-1.91888	0.521035	0.637335	-1.56903	2.30214	17.4845	6.75102	1
cg19210306	C13orf27	0.127192	0.0681299	0.309437	-3.23168	0.142092	0.404015	-2.47516	0.0289025	0.227807	-4.38967	0.802411	0.86591	-1.15485	0.0111992	0.161193	-6.20373	0.384507	0.599294	-1.66863	0.191329	0.451851	-2.21312	0.264318	0.51268	-1.95054	0.559505	0.712575	-1.40336	2.30209	12.0223	4.64208	1
cg17868778	IL31RA	0.127194	0.866733	1.03672	1.03672	0.136272	0.708421	-1.41159	0.174852	0.733533	-1.36327	0.916296	0.977677	-1.02283	0.34737	1.23094	1.23094	0.964395	1.00963	1.00963	0.401958	1.20226	1.20226	0.0108443	0.503064	-1.98782	0.115604	0.692593	-1.44385	2.30208	1.68132	0.649199	1
cg21639168	RNF141;RNF141	0.127197	0.763727	1.07898	1.07898	0.0643574	0.592128	-1.68883	0.91225	0.972586	-1.02819	0.623615	0.882745	-1.13283	0.829955	1.05573	1.05573	0.394537	0.802603	-1.24595	0.00572705	0.401155	-2.4928	0.620193	0.881642	-1.13425	0.372331	1.2598	1.2598	2.30206	2.3182	0.895121	1
cg03847052	ANKRD11	0.127198	0.160837	0.6842	-1.46156	0.474888	0.831842	-1.20215	0.137889	1.499	1.499	0.221981	0.72237	-1.38433	0.0787359	0.60976	-1.63999	0.231399	0.727567	-1.37444	0.0839679	1.62334	1.62334	0.417709	0.810723	-1.23347	0.276218	1.33238	1.33238	2.30204	2.34051	0.903743	1
cg12363726	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.127198	0.274538	0.42129	-2.37366	0.939452	1.05946	1.05946	0.967966	1.031	1.031	0.579853	0.653659	-1.52985	0.0415506	0.167495	-5.97034	0.732765	1.2977	1.2977	0.0171353	0.109806	-9.10699	0.0300967	0.143782	-6.95495	0.380593	0.504681	-1.98145	2.30204	21.0775	8.13868	1
cg01518508	ZFYVE21	0.1272	0.573892	0.840189	-1.19021	0.233602	1.46626	1.46626	0.0188555	2.39116	2.39116	0.980868	0.992678	-1.00738	0.89681	0.961015	-1.04057	0.864177	0.948883	-1.05387	0.306927	0.723144	-1.38285	0.846527	1.06118	1.06118	0.0317099	0.462208	-2.16353	2.30203	3.42425	1.32221	1
cg08003742	CXCL3	0.127202	0.0388037	0.749769	-1.33375	0.381568	0.897604	-1.11408	0.0619806	0.776488	-1.28785	0.0784	0.790301	-1.26534	0.334029	0.886979	-1.12742	0.878358	1.01861	1.01861	0.0463328	0.759777	-1.31618	0.433339	1.10102	1.10102	0.103469	0.80706	-1.23907	2.30201	0.52826	0.20398	1
cg07990273	ADI1	0.127203	0.520112	1.18713	1.18713	0.0684865	0.584732	-1.71018	0.177582	0.685925	-1.45788	0.799193	1.06937	1.06937	0.834524	0.946449	-1.05658	0.853325	1.0499	1.0499	0.123098	1.55194	1.55194	0.700219	0.903219	-1.10715	0.0155223	0.457954	-2.18363	2.30201	2.52384	0.974546	1
cg12835352	ZBTB7A	0.12721	0.59375	0.942684	-1.0608	0.496477	0.927099	-1.07863	0.0114725	0.706992	-1.41444	0.36272	1.108	1.108	0.182257	1.16789	1.16789	0.703542	1.04281	1.04281	0.139829	1.19025	1.19025	0.297573	1.12568	1.12568	0.802222	0.972861	-1.0279	2.30195	0.43817	0.169198	1
cg11880242	TMEM123	0.127211	0.570199	0.86665	-1.15387	0.0516081	0.575457	-1.73775	0.0321803	0.534819	-1.86979	0.412788	1.23227	1.23227	0.477333	1.19748	1.19748	0.46059	1.20609	1.20609	0.134428	1.49569	1.49569	0.184955	0.704208	-1.42003	0.915244	1.02691	1.02691	2.30194	2.26823	0.875873	1
cg00777198	KRT75	0.127212	0.183975	0.618006	-1.61811	0.00591358	0.292447	-3.41943	0.159235	0.598296	-1.67141	0.726071	0.886827	-1.12762	0.21016	0.637047	-1.56974	0.546273	0.811808	-1.23182	0.0621363	0.488183	-2.04841	0.138514	0.580115	-1.7238	0.854529	0.939256	-1.06467	2.30193	4.25053	1.64134	1
cg00000714	TSEN34;TSEN34	0.127213	0.360247	0.758517	-1.31836	0.890343	1.04137	1.04137	0.0370073	2.03744	2.03744	0.0722114	1.80326	1.80326	0.0987947	0.587511	-1.7021	0.368636	1.31172	1.31172	0.40057	0.776591	-1.28768	0.226825	0.68876	-1.45189	0.625551	0.865441	-1.15548	2.30193	3.14795	1.21558	1
cg21072025	GNG8	0.127214	0.621924	0.906768	-1.10282	0.777279	0.945693	-1.05743	0.00549613	2.0518	2.0518	0.635351	0.91023	-1.09862	0.21664	0.774158	-1.29173	0.779482	0.946232	-1.05682	0.45552	0.861007	-1.16143	0.746775	0.938202	-1.06587	0.286904	1.24325	1.24325	2.30192	1.41337	0.545774	1
cg07149197	LOC100133315;RNF121;RNF121;RNF121	0.127214	0.256424	0.836765	-1.19508	0.222845	1.21253	1.21253	0.0201876	1.52418	1.52418	0.0951064	0.758883	-1.31773	0.451814	1.12224	1.12224	0.297736	0.850103	-1.17633	0.436124	1.12696	1.12696	0.995256	0.999106	-1.00089	0.357432	0.867288	-1.15302	2.30191	0.825139	0.31863	1
cg26914705	C22orf24;YWHAH	0.127218	0.0543298	0.619546	-1.61408	0.722887	1.0812	1.0812	0.214417	1.33188	1.33188	0.271832	0.778169	-1.28507	0.0640937	0.63366	-1.57813	0.734803	0.92816	-1.0774	0.0394552	0.593136	-1.68595	0.231066	0.759224	-1.31713	0.121557	0.692093	-1.44489	2.30188	1.75276	0.676843	1
cg24781100	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.127221	0.0794882	0.48846	-2.04725	0.367723	0.711359	-1.40576	0.030261	0.391537	-2.55404	0.142639	0.559872	-1.78612	0.0388969	0.414732	-2.41119	0.152317	0.568705	-1.75838	0.0268869	0.38103	-2.62447	0.272541	0.6568	-1.52253	0.170385	0.584241	-1.71162	2.30186	4.93957	1.90747	1
cg00829041	DIRC3	0.127221	0.364134	0.813858	-1.22872	0.0230931	0.548807	-1.82214	0.0849824	0.656611	-1.52297	0.289837	1.27461	1.27461	0.0585376	0.623749	-1.60321	0.305284	1.26422	1.26422	0.341731	0.805442	-1.24155	0.317416	0.795923	-1.2564	0.497933	0.859019	-1.16412	2.30186	1.77829	0.686707	1
cg00889627	GABRD	0.127225	0.345413	2.67084	2.67084	0.0110392	25.0951	25.0951	0.0615116	8.40977	8.40977	0.383042	2.47024	2.47024	0.623581	0.606487	-1.64884	0.450458	2.17573	2.17573	0.485521	0.488478	-2.04717	0.062298	8.34287	8.34287	0.535361	1.88623	1.88623	2.30183	37.2582	14.3879	1
cg15519096	RCAN3	0.127225	0.418862	0.688661	-1.45209	0.379483	1.50249	1.50249	0.588613	1.27964	1.27964	0.944865	0.969251	-1.03172	0.797201	1.12331	1.12331	0.759578	1.14868	1.14868	0.00331123	0.164248	-6.08837	0.653227	0.815282	-1.22657	0.789898	0.886397	-1.12816	2.30182	7.43387	2.87072	1
cg16829998	SLC17A7	0.127229	0.510582	0.89446	-1.11799	0.684016	1.07078	1.07078	0.0343539	1.51063	1.51063	0.548975	1.10666	1.10666	0.709529	0.939381	-1.06453	0.374975	0.858829	-1.16438	0.0180419	0.618725	-1.61623	0.563744	1.10246	1.10246	0.360876	1.16998	1.16998	2.30179	1.01827	0.393229	1
cg11889098	ZNF354A	0.12723	0.439165	1.27128	1.27128	0.677943	0.880699	-1.13546	0.332264	0.737653	-1.35565	0.402273	1.29793	1.29793	0.0159118	2.45513	2.45513	0.32855	0.735815	-1.35904	0.140764	0.617563	-1.61927	0.728539	0.899431	-1.11181	0.126792	0.605071	-1.6527	2.30179	3.37365	1.30281	1
cg14962616	FBXO17;FBXO17	0.12723	0.404138	0.663581	-1.50697	0.753973	1.16304	1.16304	0.230805	0.546677	-1.82924	0.381224	0.649554	-1.53952	0.00472482	0.164779	-6.06874	0.0604185	0.361582	-2.76563	0.315134	0.607137	-1.64707	0.922623	0.954399	-1.04778	0.330778	0.617485	-1.61947	2.30179	8.4137	3.24915	1
cg09956485	MCTP2;MCTP2;MCTP2	0.127231	0.905121	0.975783	-1.02482	0.0718261	0.661523	-1.51166	0.0452682	0.623621	-1.60354	0.447013	1.17274	1.17274	0.821522	0.954608	-1.04755	0.514055	1.14574	1.14574	0.0338759	1.66407	1.66407	0.455274	0.855256	-1.16924	0.418717	0.843764	-1.18517	2.30178	1.54095	0.595077	1
cg05003417	NARF;NARF;NARF;NARF	0.127233	0.0823124	1.56562	1.56562	0.192692	1.37867	1.37867	0.394876	1.22503	1.22503	0.141334	1.44544	1.44544	0.0875275	1.55164	1.55164	0.0886907	1.54865	1.54865	0.0973755	0.654621	-1.5276	0.613051	0.888004	-1.12612	0.167566	1.40863	1.40863	2.30176	1.97763	0.763719	1
cg21233252	EP400NL	0.127233	0.273029	0.812217	-1.2312	0.685178	0.928384	-1.07714	0.973275	0.993911	-1.00613	0.378414	0.848093	-1.17912	0.138862	0.74792	-1.33704	0.00777896	0.536301	-1.86462	0.228338	1.25925	1.25925	0.165086	0.763397	-1.30993	0.208144	0.785095	-1.27373	2.30176	1.21178	0.467962	1
cg01802258	SLC24A4;SLC24A4;SLC24A4	0.127235	0.186096	1.96578	1.96578	0.783642	1.14191	1.14191	0.103545	2.35931	2.35931	0.0280309	0.286146	-3.49471	0.227711	0.543076	-1.84136	?	?	?	0.766914	1.15409	1.15409	0.22121	1.85893	1.85893	0.428045	1.47715	1.47715	2.32312	7.60252	3.27255	1
cg23847069	RAP1GAP2;RAP1GAP2	0.127238	0.0884103	5.05073	5.05073	0.128716	4.11449	4.11449	0.90752	0.904732	-1.1053	0.267017	2.70808	2.70808	0.0919214	4.94539	4.94539	0.0515202	6.74986	6.74986	0.0284514	9.27937	9.27937	0.0391214	7.82111	7.82111	0.290212	2.57455	2.57455	2.30172	27.0566	10.4488	1
cg15099042	PCIF1	0.127238	0.771336	0.894719	-1.11767	0.0865765	2.05988	2.05988	0.064635	2.20851	2.20851	0.504188	1.2953	1.2953	0.43966	1.35103	1.35103	0.606036	1.21969	1.21969	0.0177264	0.332582	-3.00678	0.662919	0.845837	-1.18226	0.868938	1.06507	1.06507	2.30172	5.31236	2.05156	1
cg05365887	ACO2;PHF5A	0.12724	0.870486	0.975863	-1.02473	0.349961	1.15495	1.15495	0.525306	0.90812	-1.10118	0.042991	0.705597	-1.41724	0.729101	0.949274	-1.05344	0.143895	0.790486	-1.26504	0.292379	0.849106	-1.17771	0.296639	1.17589	1.17589	0.0362553	1.4399	1.4399	2.3017	0.817322	0.31564	1
cg05090106	SLC5A10;SLC5A10;FAM83G	0.127241	0.786042	1.20202	1.20202	0.0941444	3.47142	3.47142	0.601923	1.42748	1.42748	0.703568	1.29503	1.29503	0.876628	0.90027	-1.11078	0.370493	1.86247	1.86247	0.170444	0.372609	-2.68378	0.00706262	10.5326	10.5326	0.304774	2.05175	2.05175	2.3017	16.6711	6.43821	1
cg00320790	ENPP2;ENPP2;ENPP2	0.127241	0.225315	1.60675	1.60675	0.0352994	2.49144	2.49144	0.327262	0.686194	-1.45731	0.61236	1.20959	1.20959	0.720368	0.874717	-1.14323	0.0957385	1.97662	1.97662	0.137078	0.550814	-1.81549	0.0706373	2.12187	2.12187	0.859029	1.06844	1.06844	2.30169	5.05502	1.9522	1
cg15203333	BMS1	0.127248	0.0243183	0.196754	-5.0825	0.34723	0.556419	-1.79721	0.176903	0.419212	-2.38543	0.402374	0.595068	-1.68048	0.0852086	0.315807	-3.16649	0.0513903	0.260947	-3.83219	0.0204132	0.184049	-5.43334	0.213247	0.452078	-2.21201	0.181894	0.423905	-2.35902	2.30163	13.3729	5.16462	1
cg23847185	COL4A2	0.127249	0.199192	0.811663	-1.23204	0.170611	1.25165	1.25165	0.693594	0.940908	-1.0628	0.689174	1.0638	1.0638	0.0390492	0.692517	-1.44401	0.161383	1.25868	1.25868	0.277126	1.1899	1.1899	0.152298	1.26601	1.26601	0.218676	0.819543	-1.22019	2.30163	0.862529	0.333109	1
cg25397840	CCDC40	0.12725	0.999178	1.00017	1.00017	0.241838	1.2207	1.2207	0.477692	1.1247	1.1247	0.661154	0.930715	-1.07444	0.713811	1.0618	1.0618	0.328126	0.848471	-1.17859	0.00447636	1.85345	1.85345	0.713328	0.941699	-1.06191	0.278996	1.2011	1.2011	2.30162	0.966031	0.373083	1
cg02204148	POLR3D	0.12725	0.968587	0.992673	-1.00738	0.0546799	1.5023	1.5023	0.775721	1.05479	1.05479	0.381374	0.845643	-1.18253	0.166527	1.31713	1.31713	0.662582	1.08544	1.08544	0.063182	0.676907	-1.47731	0.103751	0.717328	-1.39406	0.179857	1.30473	1.30473	2.30162	1.27113	0.490914	1
cg06526960	SELENBP1	0.127251	0.375949	0.526208	-1.90039	0.269105	0.443406	-2.25527	0.0702467	0.239317	-4.17855	0.190264	0.375244	-2.66493	0.00531947	0.0746453	-13.3967	0.340092	0.499208	-2.00317	0.16881	0.354864	-2.81798	0.321321	0.484801	-2.0627	0.100537	0.280501	-3.56505	2.30161	18.201	7.02929	1
cg09577932	DPY19L3	0.127256	0.0497365	0.242148	-4.1297	0.0149849	0.150319	-6.65251	0.329922	0.528865	-1.89084	0.23041	0.45059	-2.21931	0.039716	0.221632	-4.51198	0.196282	0.420741	-2.37676	0.214778	0.437175	-2.28741	0.696383	1.28205	1.28205	0.234163	0.453754	-2.20384	2.30157	14.6333	5.65152	1
cg20423977	BACE2;PLAC4;BACE2;BACE2	0.127262	0.352161	0.558719	-1.78981	0.530976	1.47086	1.47086	0.857101	1.11581	1.11581	0.215248	0.452456	-2.21016	0.00637163	0.115484	-8.65922	0.533175	0.681315	-1.46775	0.0553411	0.26699	-3.74546	0.316507	0.53281	-1.87684	0.313626	0.530676	-1.88439	2.30152	13.4735	5.20371	1
cg02403929	RPTOR;RPTOR	0.127262	0.338467	1.47666	1.47666	0.98409	0.992154	-1.00791	0.379243	0.70023	-1.4281	0.202559	1.7014	1.7014	0.0319754	0.370565	-2.69858	0.258818	0.627882	-1.59266	0.0599936	0.432481	-2.31224	0.164356	1.79699	1.79699	0.784815	0.897519	-1.11418	2.30152	5.68829	2.19692	1
cg19032144	RPL31;RPL31;RPL31	0.127262	0.789969	0.959438	-1.04228	0.637883	1.0763	1.0763	0.0862896	1.34172	1.34172	0.342019	1.16399	1.16399	0.0901692	1.33598	1.33598	0.604886	0.922233	-1.08433	0.014723	0.627719	-1.59307	0.991586	1.00164	1.00164	0.832532	1.03339	1.03339	2.30152	0.876981	0.338706	1
cg21937152	PARP8	0.127264	0.116212	0.663746	-1.5066	0.0796116	0.626822	-1.59535	0.036884	0.558791	-1.78958	0.186221	0.714299	-1.39997	0.0351229	0.554722	-1.8027	0.318178	0.780591	-1.28108	0.597801	1.13635	1.13635	0.592346	0.878304	-1.13856	0.0498876	0.584536	-1.71076	2.3015	2.10102	0.811458	1
cg01737698	ATF2;MIR933	0.127266	0.44082	0.897391	-1.11434	0.139037	1.24522	1.24522	0.256333	1.17726	1.17726	0.0845603	0.768926	-1.30052	0.380246	1.13198	1.13198	0.704997	0.948963	-1.05378	0.0230243	0.68768	-1.45417	0.419677	0.89265	-1.12026	0.463116	1.10834	1.10834	2.30148	0.691453	0.267056	1
cg27071525	RGL2;RGL2	0.127266	0.0593802	0.227732	-4.39113	0.0828044	0.26304	-3.80171	0.420915	0.564612	-1.77113	0.42398	0.566832	-1.76419	0.0210396	0.145227	-6.88576	0.61464	0.702632	-1.42322	0.0239695	0.153753	-6.50393	0.992233	0.993256	-1.00679	0.141839	0.333523	-2.99829	2.30148	17.617	6.80412	1
cg17088799	EMILIN1	0.127271	0.930829	0.933041	-1.07176	0.0677713	5.12106	5.12106	0.233626	0.369029	-2.70981	0.565891	0.629205	-1.58931	0.0540482	0.174527	-5.72978	0.859659	1.15175	1.15175	0.0199306	0.106151	-9.42051	0.925255	0.927826	-1.07779	0.964046	0.964655	-1.03664	2.30144	23.2293	8.97187	1
cg19464252	FBRS	0.127275	0.691394	0.892255	-1.12076	0.443006	0.799731	-1.25042	0.626518	0.869252	-1.15041	0.0803882	1.74046	1.74046	0.236607	0.701655	-1.4252	0.18143	0.666745	-1.49982	0.178716	0.664851	-1.5041	0.0276057	2.10485	2.10485	0.541139	1.19334	1.19334	2.30141	2.97563	1.1493	1
cg17942763	SKI	0.127275	0.302969	0.712903	-1.40272	0.135723	1.6652	1.6652	0.592137	1.18711	1.18711	0.257155	0.687239	-1.4551	0.169998	0.629049	-1.5897	0.70786	1.12681	1.12681	0.270894	0.695201	-1.43843	0.0121003	0.370771	-2.69708	0.70038	1.13047	1.13047	2.30141	3.66639	1.41609	1
cg03058660	GRIN2D	0.127276	0.0974189	3.83391	3.83391	0.0592521	4.82352	4.82352	0.134834	3.29077	3.29077	0.288659	2.25661	2.25661	0.126284	3.39454	3.39454	0.099729	3.79227	3.79227	0.076004	4.30131	4.30131	0.0175955	8.45056	8.45056	0.0974773	3.83284	3.83284	2.3014	19.8986	7.68562	1
cg01280069	EHMT2;EHMT2	0.127276	0.616758	1.08666	1.08666	0.650902	0.927708	-1.07792	0.121195	0.758207	-1.3189	0.656026	0.928816	-1.07664	0.928886	0.985404	-1.01481	0.388534	0.864529	-1.1567	0.00623367	1.79908	1.79908	0.547688	1.10541	1.10541	0.671365	0.932116	-1.07283	2.3014	0.988995	0.381988	1
cg08145256	C8orf79;C8orf79	0.127279	0.173738	0.787431	-1.26995	0.586221	1.095	1.095	0.749539	1.05431	1.05431	0.386502	0.863653	-1.15787	0.351655	1.17149	1.17149	0.363542	1.16672	1.16672	0.00539629	1.8309	1.8309	0.981045	1.00393	1.00393	0.718943	1.06149	1.06149	2.30138	0.993831	0.38386	1
cg15196042	LOC100129716;ARRDC3	0.12728	0.0600244	1.25092	1.25092	0.0455595	1.27373	1.27373	0.986976	0.998279	-1.00172	0.223057	1.14466	1.14466	0.0652497	1.24409	1.24409	0.0702009	1.23812	1.23812	0.773262	0.969976	-1.03095	0.722803	1.0383	1.0383	0.0368367	1.29161	1.29161	2.30137	0.405885	0.156771	1
cg05948527	DHX16;DHX16	0.12728	0.322667	0.818983	-1.22103	0.0654026	1.49821	1.49821	0.944776	0.98655	-1.01363	0.20204	1.30123	1.30123	0.291407	0.807351	-1.23862	0.567514	0.893188	-1.11959	0.0522003	0.649427	-1.53982	0.73881	0.936683	-1.0676	0.0542157	0.65242	-1.53275	2.30137	1.39267	0.537911	1
cg13312337	LOC100189589	0.12728	0.799611	0.938909	-1.06507	0.289437	1.31324	1.31324	0.076314	1.63017	1.63017	0.193853	1.40589	1.40589	0.399162	0.807428	-1.2385	0.424805	1.22383	1.22383	0.666709	1.11335	1.11335	0.00617388	2.42328	2.42328	0.712966	1.09589	1.09589	2.30137	2.23838	0.864561	1
cg15238382	DIO3;MIR1247	0.12728	0.0904388	4.47732	4.47732	0.361382	2.12523	2.12523	0.257418	2.58482	2.58482	0.850456	0.859285	-1.16376	0.691091	0.725473	-1.37841	0.625221	0.673309	-1.4852	0.884354	0.889636	-1.12406	0.00767143	15.6942	15.6942	0.109259	4.06809	4.06809	2.30137	23.5316	9.08894	1
cg23181627	PRPF8	0.127284	0.379905	1.56006	1.56006	0.581513	1.31634	1.31634	0.341853	1.62183	1.62183	0.379188	1.56116	1.56116	0.353131	1.60275	1.60275	0.245886	1.82067	1.82067	0.278775	1.7437	1.7437	0.00795468	0.186378	-5.36544	0.846681	1.10029	1.10029	2.30134	8.88507	3.43185	1
cg22038249	FLOT1	0.127284	0.166264	1.43745	1.43745	0.570395	0.868509	-1.1514	0.60317	0.879039	-1.13761	0.0319599	1.8549	1.8549	0.298017	0.767057	-1.30368	0.883116	1.03683	1.03683	0.824145	0.946758	-1.05624	0.0202505	1.9901	1.9901	0.318794	1.28825	1.28825	2.30133	2.20255	0.850733	1
cg02987853	GNG7	0.127287	0.555005	0.801692	-1.24736	0.00787662	0.283073	-3.53266	0.547987	0.798471	-1.25239	0.172759	0.584414	-1.71112	0.0572711	0.45104	-2.2171	0.959829	1.01882	1.01882	0.0726972	0.476521	-2.09854	0.642286	0.840992	-1.18907	0.745179	1.12832	1.12832	2.30131	4.99502	1.92934	1
cg00366594	MIR527	0.127287	0.0784978	0.800448	-1.2493	0.654258	1.05268	1.05268	0.55928	1.06956	1.06956	0.662309	1.05132	1.05132	0.127487	1.20647	1.20647	0.142649	1.19658	1.19658	0.0328347	1.35954	1.35954	0.323063	0.890254	-1.12328	0.601443	0.941744	-1.06186	2.30131	0.47277	0.182609	1
cg04681845	FMNL2	0.127288	0.0745481	0.544786	-1.83558	0.250122	1.44402	1.44402	0.98239	0.993275	-1.00677	0.984225	0.993973	-1.00606	0.0840324	0.557403	-1.79404	0.399624	0.768265	-1.30163	0.206591	0.665469	-1.5027	0.037899	2.08746	2.08746	0.382359	0.760412	-1.31508	2.3013	3.40677	1.31588	1
cg05127036	MYT1L	0.127289	0.00682669	0.379234	-2.63689	0.149557	0.652119	-1.53346	0.338842	0.761258	-1.31361	0.253137	0.718754	-1.3913	0.663037	1.12897	1.12897	0.513268	0.832397	-1.20135	0.209258	1.44223	1.44223	0.895486	1.03703	1.03703	0.450787	0.80848	-1.23689	2.30129	2.79028	1.07776	1
cg19376709	HIST2H2AC;HIST2H2BE	0.127289	?	?	?	0.111013	3.34777	3.34777	0.93472	0.947605	-1.05529	?	?	?	0.124837	0.316269	-3.16186	?	?	?	0.0355991	0.167875	-5.95681	0.575815	1.45327	1.45327	0.940509	0.95215	-1.05025	2.95603	12.3591	3.48416	1
cg08282043	GJC1;GJC1	0.127289	0.0530417	1.75453	1.75453	0.561481	0.860587	-1.162	0.331882	0.774134	-1.29177	0.379353	0.794033	-1.25939	0.40204	1.24524	1.24524	0.408675	1.24124	1.24124	0.0512275	0.566811	-1.76426	0.0811515	1.63964	1.63964	0.525341	0.84824	-1.17891	2.30129	2.38364	0.920695	1
cg10807461	HLA-G	0.127291	0.600796	1.13962	1.13962	0.439699	0.822767	-1.21541	0.0659315	0.600058	-1.66651	0.0306268	1.87524	1.87524	0.161015	1.44861	1.44861	0.116169	1.52601	1.52601	0.215516	1.38085	1.38085	0.697745	0.90791	-1.10143	0.819492	1.05821	1.05821	2.30128	2.23345	0.862689	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22450045	RADIL	0.127292	0.523458	0.719719	-1.38943	0.0312255	3.61737	3.61737	0.735535	0.84161	-1.1882	0.59362	1.31515	1.31515	0.0111454	0.19824	-5.04438	0.839875	0.902214	-1.10838	0.719309	1.20149	1.20149	0.928459	1.04674	1.04674	0.877733	1.08145	1.08145	2.30127	9.42945	3.64222	1
cg23164459	CHD4	0.127292	?	?	?	0.304754	2.114	2.114	?	?	?	0.806127	1.1891	1.1891	?	?	?	?	?	?	0.018383	0.133327	-7.50038	0.91713	0.929314	-1.07606	0.248834	0.427833	-2.33736	2.42529	10.5868	6.98428	1
cg08704884	UBE2M;LOC100131691	0.127293	0.0132601	0.645089	-1.55017	0.72807	1.05112	1.05112	0.82518	1.0321	1.0321	0.552005	1.08974	1.08974	0.204128	0.825798	-1.21095	0.907472	1.01674	1.01674	0.220844	1.2018	1.2018	0.284066	1.17227	1.17227	0.116614	1.27571	1.27571	2.30126	0.743461	0.28717	1
cg04706229	C14orf183	0.127293	0.0470185	0.23831	-4.19621	0.0742973	0.28517	-3.50668	0.112323	0.335987	-2.97631	0.406472	0.585217	-1.70877	0.0925422	0.31102	-3.21523	0.284207	0.495653	-2.01754	0.0178268	0.162493	-6.1541	0.286107	0.49713	-2.01155	0.0578019	0.258391	-3.8701	2.30126	14.507	5.60351	1
cg05261759	TOR2A;TOR2A;TOR2A;TOR2A	0.127297	0.595989	0.869352	-1.15028	0.213752	1.40854	1.40854	0.187214	1.44162	1.44162	0.202481	1.42203	1.42203	0.143965	0.663145	-1.50797	0.741646	1.09042	1.09042	0.0285698	0.508675	-1.96589	0.595997	0.869354	-1.15028	0.161441	1.47888	1.47888	2.30123	2.49532	0.963859	1
cg14154532	SNRPA	0.127298	0.0594056	0.814978	-1.22703	0.440357	0.927137	-1.07859	0.771272	0.972363	-1.02842	0.47166	0.932028	-1.07293	0.0166757	0.755033	-1.32445	0.641444	0.955911	-1.04612	0.0156574	0.752123	-1.32957	0.819983	0.978324	-1.02216	0.171532	0.8694	-1.15022	2.30122	0.336895	0.130132	1
cg03823154	FOXO3	0.127298	0.128363	0.632015	-1.58224	0.174884	1.49602	1.49602	0.013248	2.35606	2.35606	0.762063	0.918722	-1.08847	0.69565	0.896057	-1.116	0.260563	0.720664	-1.38761	0.357317	0.767764	-1.30248	0.467486	1.22923	1.22923	0.625925	0.871846	-1.14699	2.30122	2.84028	1.09711	1
cg23423329	FLOT1	0.127299	0.666871	0.905881	-1.1039	0.0509969	0.602075	-1.66092	0.0248125	0.543452	-1.84009	0.0192472	0.52396	-1.90854	0.549478	0.870892	-1.14825	0.551576	0.871539	-1.1474	0.383968	1.22601	1.22601	0.690401	0.912664	-1.09569	0.355763	0.805072	-1.24213	2.30122	1.89891	0.73349	1
cg24117063	SLC12A7	0.127303	0.416084	0.789947	-1.26591	0.576224	0.851989	-1.17372	0.37256	1.29653	1.29653	0.911723	1.03196	1.03196	0.00877859	0.387982	-2.57744	0.206878	0.685488	-1.45882	0.601509	1.16122	1.16122	0.134837	1.57982	1.57982	0.441148	0.800257	-1.2496	2.30118	2.93293	1.13292	1
cg07247133	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.127303	0.0135715	0.373544	-2.67706	0.149687	0.607762	-1.64538	0.0842445	0.540198	-1.85117	0.391269	0.753375	-1.32736	0.061676	0.507357	-1.971	0.342966	0.729805	-1.37023	0.0661507	0.514535	-1.9435	0.939126	1.02493	1.02493	0.119919	0.580464	-1.72276	2.30118	3.78813	1.46326	1
cg06460511	C8orf73	0.127306	0.288441	0.80912	-1.23591	0.192295	1.30375	1.30375	0.389258	1.18481	1.18481	0.0783437	1.45624	1.45624	0.152093	1.34296	1.34296	0.91433	1.0209	1.0209	0.037032	0.627871	-1.59268	0.226149	1.27669	1.27669	0.29811	1.23035	1.23035	2.30116	1.34627	0.520038	1
cg18961281	CARD11	0.12731	0.47293	1.38615	1.38615	0.231224	1.75371	1.75371	0.228476	1.76012	1.76012	0.197483	0.543691	-1.83928	0.216534	0.558956	-1.78905	0.286329	0.609401	-1.64096	0.162591	1.94804	1.94804	0.0573561	2.61596	2.61596	0.0866514	2.33152	2.33152	2.30113	7.29203	2.8168	1
cg18644834	UTP15;ANKRA2;UTP15	0.127314	0.194775	1.46619	1.46619	0.313805	1.3373	1.3373	0.0916765	0.595631	-1.67889	0.780098	1.08122	1.08122	0.213254	0.693712	-1.44152	0.273028	0.727396	-1.37477	0.0876535	0.590966	-1.69214	0.0295842	0.489352	-2.04352	0.572527	0.852908	-1.17246	2.30108	2.83694	1.09588	1
cg17046322	TP53I11;TP53I11	0.127315	0.199505	0.678963	-1.47283	0.469773	1.23375	1.23375	0.466874	1.23551	1.23551	0.694187	1.11949	1.11949	0.249192	0.70891	-1.41062	0.538301	0.836961	-1.1948	0.010038	0.395246	-2.53007	0.0595331	0.54473	-1.83577	0.989502	0.996249	-1.00376	2.30108	2.9735	1.14864	1
cg01802009	APLF;APLF;FBXO48	0.127324	0.234889	0.867112	-1.15325	0.928622	0.989792	-1.01031	0.366771	1.11203	1.11203	0.0707271	0.793524	-1.2602	0.0240634	0.734794	-1.36093	0.606368	1.06133	1.06133	0.558296	1.07015	1.07015	0.102515	1.22705	1.22705	0.702759	1.04489	1.04489	2.30101	0.477972	0.184643	1
cg15390518	PPP2R2B;PPP2R2B	0.127329	0.176883	2.77367	2.77367	0.590339	0.679599	-1.47146	0.707955	1.30662	1.30662	0.181983	2.73691	2.73691	0.08024	3.97179	3.97179	0.031849	5.97608	5.97608	0.0404476	5.37659	5.37659	0.0856026	3.85906	3.85906	0.0900275	3.77328	3.77328	2.30097	18.4071	7.11088	1
cg03256198	GALNT2	0.127329	0.0474879	0.17117	-5.84216	0.221058	0.367302	-2.72255	0.238288	0.382239	-2.61616	0.336906	0.462613	-2.16163	0.0171177	0.104084	-9.60766	0.44951	0.548816	-1.82211	0.0322554	0.14194	-7.04521	0.198786	0.34741	-2.87844	0.0691358	0.20529	-4.87116	2.30097	22.0909	8.53396	1
cg05231834	ZNF701	0.127331	0.764957	0.97156	-1.02927	0.00851016	0.723882	-1.38144	0.061107	0.816214	-1.22517	0.77364	1.02814	1.02814	0.0421768	0.798326	-1.25262	0.957487	1.00514	1.00514	0.635151	0.955047	-1.04707	0.538939	0.941896	-1.06169	0.884213	0.986076	-1.01412	2.30095	0.337431	0.130354	1
cg24209994	CLPB	0.127334	0.78186	0.964282	-1.03704	0.0309555	0.717537	-1.39366	0.0580007	0.755192	-1.32417	0.360224	0.88404	-1.13117	0.566266	0.926845	-1.07893	0.323146	0.874836	-1.14307	0.0401893	1.36429	1.36429	0.545754	0.923011	-1.08341	0.991362	0.998583	-1.00142	2.30093	0.625672	0.241708	1
cg00265317	ST3GAL2	0.127336	0.513414	0.893739	-1.11889	0.366013	0.854342	-1.17049	0.319966	0.840133	-1.19029	0.361143	1.17248	1.17248	0.235058	0.80981	-1.23486	0.273801	0.824458	-1.21292	0.00949565	0.572933	-1.74541	0.137155	1.31179	1.31179	0.677906	0.931654	-1.07336	2.30091	1.047	0.404477	1
cg01105362	C7orf50;C7orf50;C7orf50	0.127337	0.35448	0.571445	-1.74995	0.150333	2.4737	2.4737	0.205292	2.19244	2.19244	0.333181	1.7975	1.7975	0.0376544	0.242576	-4.12243	0.374033	0.585068	-1.7092	0.241996	0.487056	-2.05315	0.0998638	2.88427	2.88427	0.818369	1.14468	1.14468	2.3009	12.5753	4.85811	1
cg02064442	TNFRSF25;PLEKHG5;TNFRSF25;PLEKHG5;PLEKHG5;TNFRSF25;PLEKHG5;TNFRSF25;PLEKHG5;TNFRSF25;TN	0.127339	0.111169	2.24024	2.24024	0.50323	0.729233	-1.3713	0.335253	1.58703	1.58703	0.132942	2.12446	2.12446	0.315904	0.617569	-1.61925	0.224759	1.80883	1.80883	0.0299318	3.27788	3.27788	0.051551	2.80118	2.80118	0.192202	1.89953	1.89953	2.30088	7.87262	3.04139	1
cg10931433	PRDM10;PRDM10;PRDM10;PRDM10	0.127343	0.232006	0.651141	-1.53576	0.786194	1.09753	1.09753	0.0792903	0.513371	-1.94791	0.336037	0.712112	-1.40427	0.00692841	0.302395	-3.30693	0.552666	1.22825	1.22825	0.398151	0.74372	-1.34459	0.167987	0.604765	-1.65353	0.833673	1.07463	1.07463	2.30085	4.26883	1.64918	1
cg20014822	FGF19	0.127345	0.456663	0.576274	-1.73529	0.0172629	0.121361	-8.23986	0.0596649	0.213258	-4.68915	0.841316	1.15691	1.15691	0.793494	0.826341	-1.21015	0.76597	0.804905	-1.24238	0.574029	1.51129	1.51129	0.079198	4.12443	4.12443	0.631591	1.42085	1.42085	2.30084	19.2638	7.44224	1
cg14981132	HNRNPA1;HNRNPA1L-2;HNRNPA1	0.127347	0.115695	0.563207	-1.77555	0.176166	1.62066	1.62066	0.149216	1.6808	1.6808	0.0529401	0.477835	-2.09277	0.0750851	0.514028	-1.94542	0.266495	0.677936	-1.47507	0.528798	1.23892	1.23892	0.436083	0.765852	-1.30574	0.93339	0.972325	-1.02846	2.30082	4.10756	1.5869	1
cg03096543	GPR116;GPR116	0.127348	0.405314	0.655083	-1.52652	0.0922344	2.51109	2.51109	0.985255	0.990861	-1.00922	0.112949	0.424383	-2.35636	0.433705	1.48717	1.48717	0.0966003	0.404034	-2.47504	0.029285	0.279226	-3.58133	0.42329	0.666101	-1.50127	0.263028	0.560053	-1.78554	2.30081	8.99402	3.47473	1
cg04658055	PLEK	0.127351	0.925519	0.957687	-1.04418	0.869853	1.07877	1.07877	0.0345145	0.319841	-3.12655	0.940203	1.0353	1.0353	0.399594	1.48991	1.48991	0.309087	0.614639	-1.62697	0.0522414	0.360291	-2.77553	0.0919294	2.35811	2.35811	0.260419	1.72073	1.72073	2.30079	7.7903	3.00972	1
cg13997649	MTO1;MTO1;MTO1	0.127351	0.582036	1.39808	1.39808	0.0127615	0.154889	-6.45626	0.812917	0.866829	-1.15363	0.722543	1.23975	1.23975	0.0521876	0.264142	-3.78584	0.839118	1.13036	1.13036	0.85013	1.12078	1.12078	?	?	?	?	?	?	2.34841	10.5116	5.1155	1
cg20749510	SLC2A4RG	0.127352	0.433083	1.3459	1.3459	0.00390713	4.23109	4.23109	0.541233	1.25818	1.25818	0.851595	1.07202	1.07202	0.933793	1.03133	1.03133	0.0819018	2.04596	2.04596	0.179712	1.69748	1.69748	0.605867	1.21322	1.21322	0.203339	1.64644	1.64644	2.30078	5.02469	1.94125	1
cg20112962	CXorf41;NUP62CL;CXorf41	0.127356	0.218094	0.256905	-3.89248	0.921527	1.1089	1.1089	0.894835	1.14882	1.14882	0.508193	0.494533	-2.02211	0.297465	0.322048	-3.10513	0.253591	3.49287	3.49287	0.924927	0.905861	-1.10392	0.00610744	42.7083	42.7083	0.616008	1.69967	1.69967	2.30074	40.0978	15.4918	1
cg05512735	LEPREL1;LEPREL1	0.127363	0.845782	0.925606	-1.08037	0.462943	0.743331	-1.3453	0.00982669	0.273728	-3.65327	0.981186	1.00941	1.00941	0.0278357	0.356288	-2.80672	0.861709	1.07167	1.07167	0.0996863	0.488554	-2.04685	0.86943	0.936775	-1.06749	0.815712	1.09711	1.09711	2.30068	5.7427	2.21874	1
cg24278634	FAR2	0.127364	0.756893	0.94568	-1.05744	0.0435971	0.658815	-1.51788	0.0874396	0.712222	-1.40406	0.235968	0.799815	-1.25029	0.0720366	0.696865	-1.435	0.198263	1.27706	1.27706	0.346619	1.19044	1.19044	0.87977	0.973142	-1.0276	0.107852	0.729366	-1.37105	2.30068	1.1788	0.455439	1
cg18010747	RNF182;RNF182;RNF182;RNF182	0.127364	0.482811	0.873492	-1.14483	0.376284	0.841828	-1.18789	0.0408609	0.639154	-1.56457	0.946941	0.987459	-1.0127	0.786761	0.949881	-1.05276	0.596703	0.903692	-1.10657	0.013691	1.78272	1.78272	0.903619	1.02324	1.02324	0.259512	0.800069	-1.24989	2.30068	1.31031	0.506251	1
cg05232274	C1orf212;C1orf212;C1orf212	0.127368	0.590623	1.16963	1.16963	0.010192	2.54661	2.54661	0.211647	1.46178	1.46178	0.3007	0.733876	-1.36263	0.825294	1.06587	1.06587	0.116661	1.63534	1.63534	0.46463	0.806756	-1.23953	0.278686	0.722537	-1.38401	0.664376	1.13423	1.13423	2.30064	3.03336	1.17199	1
cg05342467	MAD1L1;MAD1L1;MAD1L1	0.12737	0.378385	1.41964	1.41964	0.0218808	2.90511	2.90511	0.15358	1.80832	1.80832	0.491845	1.31086	1.31086	0.719412	1.15012	1.15012	0.920678	0.962118	-1.03937	0.186485	1.72113	1.72113	0.0479889	0.416256	-2.40237	0.254324	1.58644	1.58644	2.30062	5.47733	2.11627	1
cg04918541	GLI2	0.127372	0.82679	1.0916	1.0916	0.977032	0.988553	-1.01158	0.7991	0.903034	-1.10738	0.828053	1.09089	1.09089	0.0412674	0.390031	-2.5639	0.289813	1.55175	1.55175	0.13057	1.92123	1.92123	0.0181209	0.317361	-3.15099	0.790569	0.899022	-1.11232	2.30061	5.82766	2.25164	1
cg10259265	THAP4;THAP4	0.127376	0.0209981	0.122315	-8.17562	0.839395	1.16598	1.16598	0.931355	1.06737	1.06737	0.0924148	0.246227	-4.06129	0.0873102	0.239666	-4.17246	0.32096	0.460251	-2.17273	0.050907	0.185833	-5.38117	0.589195	0.661954	-1.51068	0.0552687	0.193153	-5.17724	2.30058	20.865	8.06176	1
cg10099229	USP5;USP5;CDCA3	0.127377	0.0477952	0.710259	-1.40794	0.577666	0.918481	-1.08875	0.135873	0.7843	-1.27502	0.659589	0.935183	-1.06931	0.0320341	0.684041	-1.4619	0.134779	0.783683	-1.27603	0.992596	0.998598	-1.0014	0.36786	1.15008	1.15008	0.183001	1.23814	1.23814	2.30057	0.832731	0.321749	1
cg18852430	OSBPL2;OSBPL2	0.127377	0.173655	0.728072	-1.37349	0.841158	0.956962	-1.04497	0.914075	1.02394	1.02394	0.948004	1.0144	1.0144	0.0106894	0.494872	-2.02072	0.409459	1.20315	1.20315	0.0307651	0.573378	-1.74405	0.8739	1.03543	1.03543	0.446164	0.84346	-1.18559	2.30057	1.75122	0.676634	1
cg10853431	USP6NL;USP6NL	0.127378	0.214661	0.388493	-2.57405	0.00999818	0.0949897	-10.5275	0.0241541	0.142857	-7	0.992053	1.00724	1.00724	0.222323	0.395229	-2.53018	0.37033	0.513832	-1.94616	0.270847	0.436151	-2.29278	0.107411	0.280324	-3.56731	0.641983	0.712558	-1.40339	2.30056	19.0879	7.37518	1
cg01860821	ZXDB	0.127379	0.202922	0.542179	-1.84441	0.0352818	0.327396	-3.0544	0.424164	0.689532	-1.45026	0.811419	0.896857	-1.11501	0.0248096	0.296187	-3.37625	0.142071	0.487313	-2.05207	0.0658828	0.39069	-2.55957	0.0572079	0.375376	-2.664	0.856168	1.08614	1.08614	2.30055	7.5574	2.92003	1
cg12703194	CCDC64B	0.12738	0.427418	0.886305	-1.12828	0.81753	0.966161	-1.03502	0.912148	1.01658	1.01658	0.451057	0.891919	-1.12118	0.00825403	0.604599	-1.65399	0.382121	0.875015	-1.14284	0.0392041	0.700877	-1.42678	0.288947	1.17817	1.17817	0.403904	0.88054	-1.13567	2.30055	0.8084	0.312351	1
cg22709601	SMAD3	0.127385	0.0396136	1.58865	1.58865	0.172374	0.75388	-1.32647	0.34747	0.828475	-1.20704	0.951599	0.988262	-1.01188	0.109253	1.40452	1.40452	0.766172	1.05973	1.05973	0.0510425	1.54074	1.54074	0.287425	0.806663	-1.23967	0.964789	0.99145	-1.00862	2.3005	1.37855	0.532657	1
cg12060744	ZIK1	0.127389	0.320339	0.777007	-1.28699	0.0167479	0.487996	-2.0492	0.389232	0.805086	-1.2421	0.987272	0.996088	-1.00393	0.0404018	0.558945	-1.78908	0.555132	1.15796	1.15796	0.998828	1.00036	1.00036	0.264366	1.33089	1.33089	0.345067	1.26992	1.26992	2.30047	2.19967	0.849942	1
cg14032596	WIBG;WIBG	0.12739	0.766739	1.06356	1.06356	0.822781	1.04756	1.04756	0.498876	1.15281	1.15281	0.0263296	0.579439	-1.72581	0.139631	0.719451	-1.38995	0.169203	0.738312	-1.35444	0.0291305	0.587079	-1.70335	0.41302	0.840837	-1.18929	0.405799	1.19265	1.19265	2.30046	1.56332	0.604059	1
cg05775895	CAND2;CAND2	0.127391	0.642387	1.17067	1.17067	0.513409	1.25053	1.25053	0.322175	1.41335	1.41335	0.52191	0.803373	-1.24475	0.740216	0.893987	-1.11858	0.153675	1.6814	1.6814	0.0934469	0.532414	-1.87824	0.0349532	0.428488	-2.33379	0.0647005	0.491028	-2.03655	2.43019	4.26906	1.3663	1
cg08430680	TCF3;TCF3	0.127391	0.929691	0.976847	-1.0237	0.00476068	2.70452	2.70452	0.141776	1.52094	1.52094	0.36601	0.781509	-1.27958	0.758335	0.921348	-1.08537	0.436014	1.23484	1.23484	0.943471	0.981352	-1.019	0.393519	1.26113	1.26113	0.725451	0.910655	-1.09811	2.30045	2.56715	0.991939	1
cg07777344	DAP	0.127392	0.745211	0.886309	-1.12827	0.468061	0.760878	-1.31427	0.0836138	0.492259	-2.03145	0.735252	1.13385	1.13385	0.0966851	0.509167	-1.96399	0.116186	0.531567	-1.88123	0.0821043	0.490185	-2.04005	0.0559805	2.22845	2.22845	0.704135	1.15167	1.15167	2.30045	4.99146	1.92869	1
cg24306515	IFRD1;IFRD1	0.127392	0.185073	1.35034	1.35034	0.246065	0.771634	-1.29595	0.339241	0.810179	-1.2343	0.00914265	0.492858	-2.02898	0.641185	1.1055	1.1055	0.827636	0.95447	-1.0477	0.2722	1.27665	1.27665	0.286933	0.789543	-1.26655	0.510745	0.867136	-1.15322	2.30045	1.66388	0.64292	1
cg27256066	IRF8	0.127399	0.577586	0.709834	-1.40878	0.277964	0.50295	-1.98827	0.460394	1.58065	1.58065	0.720661	0.803539	-1.24449	0.0984635	0.331576	-3.0159	0.192323	0.43143	-2.31787	0.109583	0.345528	-2.89412	0.0212913	5.39848	5.39848	0.993188	0.994813	-1.00521	2.30039	13.5202	5.22431	1
cg07714534	PRCP;C11orf82;PRCP	0.127402	0.0901331	0.796334	-1.25575	0.174828	0.838649	-1.19239	0.0175807	0.703094	-1.42228	0.029506	0.731594	-1.36688	0.71526	1.04569	1.04569	0.395167	0.89926	-1.11202	0.200113	0.847868	-1.17943	0.742083	1.04109	1.04109	0.955651	1.0068	1.0068	2.30036	0.541653	0.209302	1
cg22446206	HMCN1	0.127404	0.100081	2.53779	2.53779	0.00407389	7.33563	7.33563	0.508262	1.41465	1.41465	0.790638	0.871512	-1.14743	0.536075	0.723354	-1.38245	0.824306	0.891432	-1.12179	0.617848	1.29689	1.29689	0.499367	1.42534	1.42534	0.473559	1.45754	1.45754	2.30035	9.73266	3.76085	1
cg19516279	G3BP1;G3BP1	0.127405	0.0432462	0.277416	-3.6047	0.113955	0.3874	-2.58131	0.308405	0.559129	-1.7885	0.211722	0.484086	-2.06575	0.0714395	0.329498	-3.03492	0.249199	0.514702	-1.94287	0.0102912	0.168115	-5.94832	0.231122	0.500228	-1.99909	0.147764	0.424686	-2.35468	2.30034	11.0793	4.28124	1
cg11664987	EPHA10	0.127413	0.133122	5.27438	5.27438	0.0346843	12.5162	12.5162	0.211707	3.85819	3.85819	0.915185	1.11553	1.11553	0.363501	0.383499	-2.60757	0.140087	5.09964	5.09964	0.764928	0.735097	-1.36036	0.0295677	13.8621	13.8621	0.13283	5.28203	5.28203	2.30027	38.3704	14.8274	1
cg05709196	PUM2	0.127414	0.10386	0.731989	-1.36614	0.757286	1.05589	1.05589	0.0095443	1.7787	1.7787	0.56725	0.903528	-1.10677	0.149013	0.762248	-1.31191	0.913816	1.01917	1.01917	0.960335	1.00876	1.00876	0.432125	1.15102	1.15102	0.765737	0.948931	-1.05382	2.30027	1.12121	0.433266	1
cg15265785	CCNL1;CCNL1	0.127417	0.633497	1.06811	1.06811	0.103904	0.783549	-1.27625	0.0584381	0.745788	-1.34086	0.974722	1.00436	1.00436	0.647146	1.06526	1.06526	0.700351	1.05448	1.05448	0.0122142	0.651613	-1.53465	0.594995	1.07638	1.07638	0.265521	0.852853	-1.17254	2.30024	0.68554	0.264916	1
cg26786045	RAB3IL1	0.127418	0.160678	1.56424	1.56424	0.0672935	1.84448	1.84448	0.487119	1.23466	1.23466	0.154813	1.5756	1.5756	0.391754	1.2995	1.2995	0.0166592	2.3936	2.3936	0.0303362	2.13851	2.13851	0.113371	1.67263	1.67263	0.11646	1.66412	1.66412	2.30023	3.24755	1.25496	1
cg06919693	MEIS1	0.127422	0.034871	0.39874	-2.5079	0.0841156	0.489398	-2.04333	0.851929	1.07237	1.07237	0.164047	0.573941	-1.74234	0.011174	0.304526	-3.28379	0.30276	0.67089	-1.49056	0.306161	0.672902	-1.4861	0.854623	1.07099	1.07099	0.587524	0.814824	-1.22726	2.3002	5.09326	1.96824	1
cg13744304	UNC50;C2orf64	0.127423	0.172747	0.824278	-1.21318	0.0544618	1.33723	1.33723	0.0867841	1.28648	1.28648	0.563185	0.92511	-1.08095	0.352853	1.13578	1.13578	0.226877	0.844532	-1.18409	0.535515	0.91983	-1.08716	0.182198	1.20752	1.20752	0.124649	1.24783	1.24783	2.30019	0.646161	0.249704	1
cg16323428	INPP5A	0.127425	0.091694	0.625616	-1.59842	0.111461	1.54942	1.54942	0.21914	1.38597	1.38597	0.170859	0.6919	-1.44529	0.106916	0.641115	-1.55978	0.239706	0.73275	-1.36472	0.154372	1.46971	1.46971	0.673205	0.898398	-1.11309	0.438437	0.819046	-1.22093	2.30017	2.32396	0.898082	1
cg11459491	C22orf13;SNRPD3	0.127426	0.541957	1.07745	1.07745	0.0505103	1.30906	1.30906	0.0235182	1.38664	1.38664	0.324571	1.1308	1.1308	0.21889	1.16912	1.16912	0.106951	1.23695	1.23695	0.570159	0.933009	-1.0718	0.31305	0.881537	-1.13438	0.467696	0.914579	-1.0934	2.30016	0.531904	0.205552	1
cg24811290	FAM198B;FAM198B;FAM198B	0.127427	0.310193	1.79201	1.79201	0.00805381	6.59054	6.59054	0.0641903	3.1752	3.1752	0.9152	1.06096	1.06096	0.393178	0.615143	-1.62564	0.195849	2.13799	2.13799	0.511414	1.4477	1.4477	0.248545	1.95435	1.95435	0.711116	0.813301	-1.22956	2.30016	11.2419	4.34441	1
cg22958104	HNF4A;HNF4A;HNF4A	0.127427	0.968544	1.00894	1.00894	0.273291	0.773009	-1.29365	0.716389	1.08588	1.08588	0.225728	0.750291	-1.33282	0.0969206	0.662677	-1.50903	0.171119	1.38969	1.38969	0.104146	0.669504	-1.49364	0.0303297	0.562737	-1.77703	0.0926052	0.6584	-1.51883	2.30016	1.85778	0.717934	1
cg06074314	TIA1;TIA1;TIA1;TIA1	0.127428	0.984771	0.997008	-1.003	0.15	1.27414	1.27414	0.726371	1.05671	1.05671	0.570969	0.914028	-1.09406	0.226876	1.2204	1.2204	0.896235	0.979724	-1.0207	0.0144207	0.622889	-1.60542	0.291353	1.18754	1.18754	0.109969	1.31457	1.31457	2.30015	0.897808	0.346957	1
cg07256473	RASL10A;RASL10A	0.12743	0.180608	2.71456	2.71456	0.0611892	0.227215	-4.40111	0.263432	2.26803	2.26803	0.143179	3.01979	3.01979	0.964916	1.03138	1.03138	0.128664	0.315531	-3.16926	0.0835958	0.260502	-3.83873	0.289515	0.461971	-2.16464	0.810124	0.844442	-1.18421	2.30013	17.9745	6.94627	1
cg14065382	ABCA1	0.127433	0.973175	1.00713	1.00713	0.380913	0.827025	-1.20915	0.518858	0.870925	-1.1482	0.961032	0.989728	-1.01038	0.0250906	1.75607	1.75607	0.192522	1.33839	1.33839	0.147876	1.38828	1.38828	0.357724	0.818838	-1.22124	0.0723708	0.654612	-1.52762	2.30011	1.62673	0.628658	1
cg07775292	TBC1D10A	0.127436	0.0439634	0.380734	-2.62651	0.543666	0.77383	-1.29227	0.150476	0.525773	-1.90196	0.345467	0.666772	-1.49976	0.0196838	0.30874	-3.23897	0.299686	0.638687	-1.56571	0.132799	0.508375	-1.96705	0.196748	0.565915	-1.76705	0.022682	0.320474	-3.12038	2.30008	6.33864	2.44963	1
cg23972301	PTGFRN	0.127436	0.812415	0.951025	-1.0515	0.235377	0.768985	-1.30042	0.096516	0.680164	-1.47023	0.543231	0.878115	-1.1388	0.727489	1.07669	1.07669	0.456014	0.851836	-1.17393	0.015073	1.8794	1.8794	0.994041	1.00158	1.00158	0.106715	0.68934	-1.45066	2.30008	1.62526	0.628099	1
cg03803784	ATF1	0.127439	0.0740545	0.789771	-1.26619	0.121432	1.22027	1.22027	0.73801	0.960983	-1.0406	0.560061	1.07236	1.07236	0.239811	0.864226	-1.1571	0.750265	0.96285	-1.03858	0.314711	0.884037	-1.13117	0.669553	1.05221	1.05221	0.0230218	1.38031	1.38031	2.30006	0.511999	0.197869	1
cg15311711	SCNN1G	0.12744	0.894263	0.970254	-1.03066	0.223022	1.33744	1.33744	0.0937074	1.51981	1.51981	0.694788	0.914346	-1.09368	0.554682	1.14533	1.14533	0.0367162	1.73518	1.73518	0.627332	0.894851	-1.1175	0.0121675	2.03314	2.03314	0.800352	1.05923	1.05923	2.30005	1.87848	0.725968	1
cg01773515	ZNF358	0.127441	0.990131	1.00194	1.00194	0.411867	1.14032	1.14032	0.535981	0.906577	-1.10305	0.905843	1.01869	1.01869	0.60739	0.922098	-1.08448	0.209912	1.22972	1.22972	0.709448	0.94311	-1.06032	0.0912761	0.747477	-1.33783	0.00737373	0.582539	-1.71662	2.30004	0.892121	0.344775	1
cg08163714	ANXA2;ANXA2;ANXA2;ANXA2	0.127452	0.773455	1.05168	1.05168	0.335974	0.840956	-1.18912	0.0965442	0.727206	-1.37513	0.652997	0.924025	-1.08222	0.0106656	0.570942	-1.75149	0.11429	0.740889	-1.34973	0.807166	1.04362	1.04362	0.326342	1.19354	1.19354	0.160552	0.769733	-1.29915	2.29995	1.11035	0.429131	1
cg24196126	ZNF667;ZNF667	0.127456	0.745562	1.02733	1.02733	0.0216927	1.25639	1.25639	0.490996	1.05964	1.05964	0.778169	1.02366	1.02366	0.708555	1.03158	1.03158	0.100827	0.861717	-1.16047	0.351154	0.923609	-1.08271	0.181795	0.889251	-1.12454	0.103936	1.15863	1.15863	2.29992	0.249811	0.0965487	1
cg27232494	TOM1L2;TOM1L2	0.127459	0.910147	1.05065	1.05065	0.00750454	0.22177	-4.50918	0.923411	1.04298	1.04298	0.230955	1.73321	1.73321	0.78081	0.88507	-1.12985	0.748819	0.868834	-1.15097	0.450171	1.40041	1.40041	0.164	0.522054	-1.91551	0.267774	1.65739	1.65739	2.2999	6.97739	2.6967	1
cg26124016	RARB;RARB	0.12746	0.207811	1.70726	1.70726	0.888855	1.05793	1.05793	0.318124	1.51523	1.51523	0.177672	0.561627	-1.78054	0.102446	2.05386	2.05386	0.0709271	0.44371	-2.25372	?	?	?	0.794767	0.900336	-1.1107	0.0776514	2.20299	2.20299	2.32121	5.30022	2.28339	1
cg14666655	WDR41	0.127461	0.0845943	0.568265	-1.75974	0.400139	1.29069	1.29069	0.208398	0.675068	-1.48133	0.443436	0.793334	-1.2605	0.193424	0.665156	-1.50341	0.235133	0.691651	-1.44582	0.0146596	0.410534	-2.43585	0.117615	0.604393	-1.65455	0.0711344	0.550319	-1.81713	2.29988	3.19748	1.23581	1
cg04185037	EZR;EZR;EZR	0.127464	0.112085	0.545769	-1.83228	0.101249	0.533608	-1.87403	0.151441	0.583929	-1.71254	0.0666158	0.486812	-2.05418	0.443673	0.76083	-1.31435	0.903015	1.04359	1.04359	0.175189	1.65638	1.65638	0.0920316	0.522493	-1.9139	0.0613748	0.478202	-2.09117	2.29985	4.46223	1.72465	1
cg11995741	BRP44L	0.127467	0.191621	2.55988	2.55988	0.0842639	3.66447	3.66447	0.314116	2.0296	2.0296	0.0244199	6.19252	6.19252	0.396135	1.80552	1.80552	0.274971	2.1647	2.1647	0.0832069	0.271427	-3.68423	0.546621	0.660468	-1.51408	0.878697	1.10943	1.10943	2.29983	16.8397	6.50858	1
cg09655341	PDE6G;PDE6G	0.127467	0.0659076	0.457731	-2.18469	0.160744	0.566985	-1.76371	0.64183	0.837435	-1.19412	0.164309	0.570072	-1.75416	0.0535232	0.435841	-2.29442	0.273653	0.649571	-1.53948	0.0152575	0.32356	-3.09061	0.0471506	0.42304	-2.36384	0.254057	0.636942	-1.57	2.29982	5.22461	2.01933	1
cg25358410	IARS;IARS;SNORA84;IARS	0.127468	0.340767	0.799324	-1.25106	0.0566005	1.6362	1.6362	0.138531	1.43884	1.43884	0.90256	0.972442	-1.02834	0.106514	0.668902	-1.49499	0.230661	0.750586	-1.33229	0.146211	0.700552	-1.42744	0.721868	1.08497	1.08497	0.175642	1.38897	1.38897	2.29982	1.8961	0.732849	1
cg00730348	RNASEH2B;RNASEH2B	0.127471	0.867021	0.977134	-1.0234	0.279205	0.85617	-1.16799	0.0897481	0.772463	-1.29456	0.0817634	0.76626	-1.30504	0.980253	0.99659	-1.00342	0.980475	0.996628	-1.00338	0.022567	1.45788	1.45788	0.337119	0.872324	-1.14636	0.204273	0.831178	-1.20311	2.29979	0.693922	0.268207	1
cg10381076	MEGF8	0.127472	0.261902	1.45974	1.45974	0.251639	1.47291	1.47291	0.122081	1.71914	1.71914	0.283089	0.69725	-1.43421	0.035188	0.452371	-2.21058	0.491604	0.797828	-1.2534	0.421551	1.30405	1.30405	0.651953	1.15813	1.15813	0.0806454	1.87095	1.87095	2.29978	3.80787	1.47178	1
cg24198996	WDR27	0.127472	0.0415737	0.265379	-3.7682	0.0286965	0.232947	-4.29282	0.101796	0.363768	-2.749	0.237653	0.497372	-2.01057	0.0472099	0.277476	-3.60391	0.0983415	0.359321	-2.78303	0.0959611	0.356202	-2.8074	0.887374	0.923109	-1.0833	0.183615	0.450908	-2.21775	2.29978	11.6104	4.48752	1
cg13606434	TNRC18	0.127473	0.642633	1.23004	1.23004	0.714652	0.849847	-1.17668	0.0194669	0.28609	-3.49541	0.625442	0.804142	-1.24356	0.097061	0.446232	-2.24099	?	?	?	0.193592	0.543624	-1.83951	0.424284	1.43557	1.43557	0.161046	1.94116	1.94116	2.3211	6.41504	2.76379	1
cg21154627	SLC7A14	0.127474	0.213628	1.14387	1.14387	0.209383	0.87301	-1.14546	0.0712293	1.22978	1.22978	0.0138855	0.731972	-1.36617	0.940739	0.992397	-1.00766	0.944899	1.00712	1.00712	0.340144	0.904016	-1.10618	0.963748	0.995346	-1.00468	0.830738	0.978267	-1.02222	2.29977	0.383767	0.148331	1
cg06496078	C12orf23	0.127474	0.59889	0.912298	-1.09613	0.347365	1.18214	1.18214	0.682966	1.07359	1.07359	0.756084	0.947542	-1.05536	0.447814	0.87478	-1.14314	0.613534	0.915699	-1.09206	0.381165	0.85613	-1.16805	0.0818549	1.39576	1.39576	0.00832112	1.79188	1.79188	2.29977	1.08924	0.421004	1
cg08423142	MYO1E	0.127476	0.11191	1.56646	1.56646	0.0157111	2.15455	2.15455	0.287495	0.751021	-1.33152	0.979929	0.993499	-1.00654	0.629953	1.13413	1.13413	0.248415	1.36727	1.36727	0.500855	0.837661	-1.1938	0.181632	0.692381	-1.44429	0.258304	1.35772	1.35772	2.29976	2.44827	0.946293	1
cg00215350	C17orf100;MED31;C17orf100	0.127477	0.365739	1.12991	1.12991	0.772129	1.0389	1.0389	0.327644	0.875636	-1.14203	0.874089	1.02106	1.02106	0.104905	1.26226	1.26226	0.0813963	1.28902	1.28902	0.022242	0.697563	-1.43356	0.709159	1.05048	1.05048	0.248528	1.1718	1.1718	2.29974	0.629163	0.243182	1
cg04092803	LRCH1;LRCH1;LRCH1	0.127481	0.513237	1.23682	1.23682	0.267766	0.690695	-1.44782	?	?	?	0.247543	0.67872	-1.47336	0.0178115	2.51795	2.51795	0.564003	1.20558	1.20558	0.0587211	1.98268	1.98268	0.886908	0.955409	-1.04667	0.892558	0.957605	-1.04427	2.32103	3.35761	1.4466	1
cg20406482	KCNH4	0.127484	0.284796	0.573478	-1.74375	0.670233	0.807048	-1.23908	0.10047	0.406357	-2.46089	0.111435	2.38146	2.38146	0.046087	0.318578	-3.13895	0.558008	1.34513	1.34513	0.074455	2.70367	2.70367	0.523791	0.723729	-1.38173	0.639513	0.78971	-1.26629	2.29968	9.12233	3.52602	1
cg15340178	SEMA4G	0.127484	0.0176104	0.387908	-2.57793	0.411345	0.759226	-1.31713	0.369406	0.739135	-1.35293	0.22146	0.656116	-1.52412	0.12738	0.582411	-1.717	0.203895	0.644231	-1.55224	0.0119812	0.357759	-2.79518	0.578297	0.831828	-1.20217	0.923692	1.03191	1.03191	2.29968	3.9162	1.51372	1
cg20176388	VSNL1	0.127487	0.682243	0.738485	-1.35412	0.0194669	8.00498	8.00498	0.0859354	4.04527	4.04527	0.700762	1.32893	1.32893	0.778841	1.2304	1.2304	0.52261	1.61155	1.61155	0.0472175	0.187833	-5.32387	0.841684	1.15868	1.15868	0.539795	0.633091	-1.57955	2.29966	19.7536	7.63538	1
cg04936030	MACROD1	0.127487	0.659123	0.908882	-1.10025	0.0353046	0.590045	-1.69479	0.205639	1.3329	1.3329	0.0272699	1.75459	1.75459	0.580503	0.886801	-1.12765	0.957678	0.988644	-1.01149	0.822744	0.952859	-1.04947	0.1708	1.36873	1.36873	0.607872	0.894595	-1.11782	2.29966	1.68695	0.652057	1
cg27471755	FFAR1;FFAR1	0.127488	0.456813	1.29546	1.29546	0.0470229	0.460006	-2.17389	0.08754	0.52504	-1.90462	0.656533	1.1652	1.1652	0.705637	0.878422	-1.1384	0.737093	1.12198	1.12198	0.0153221	0.361745	-2.76438	0.98708	1.00555	1.00555	0.513656	1.25391	1.25391	2.29965	4.25002	1.64277	1
cg06448332	CCDC154	0.127489	0.041251	0.414459	-2.41278	0.163875	0.573648	-1.74323	0.169063	0.578047	-1.72996	0.0811883	0.485195	-2.06103	0.0266933	0.374461	-2.67051	0.0597265	0.451674	-2.21399	0.407093	0.728156	-1.37333	0.0474719	0.428207	-2.33532	0.325761	0.68416	-1.46165	2.29965	5.09672	1.97005	1
cg17209284	SP140L	0.127491	0.022957	0.0934343	-10.7027	0.109328	0.218417	-4.57839	0.177013	0.286398	-3.49164	0.826406	0.825809	-1.21093	0.0393899	0.12535	-7.97767	0.0756667	0.178537	-5.60109	0.494369	1.83068	1.83068	0.828852	1.20761	1.20761	0.315518	0.404817	-2.47025	2.29963	27.6539	10.6892	1
cg00555096	ZNF420	0.127495	0.648496	0.920435	-1.08644	0.546093	0.895516	-1.11667	0.0339947	0.639495	-1.56373	0.686797	0.929393	-1.07597	0.586401	0.905525	-1.10433	0.756831	1.05771	1.05771	0.320783	0.830842	-1.2036	0.0076707	0.538469	-1.85712	0.389525	1.17268	1.17268	2.29959	1.18854	0.459419	1
cg04273299	ST3GAL1;ST3GAL1	0.127499	0.212504	0.397314	-2.5169	0.00925839	0.0981242	-10.1912	0.2047	0.390345	-2.56184	0.644139	1.38676	1.38676	0.333342	0.495869	-2.01666	0.201249	2.58245	2.58245	0.873611	1.1184	1.1184	0.716323	1.29243	1.29243	0.419431	1.78586	1.78586	2.29956	17.9959	6.95626	1
cg18436128	RAB15	0.127509	0.0375856	0.659723	-1.51579	0.662104	0.926984	-1.07877	0.580019	1.10117	1.10117	0.644958	0.923117	-1.08329	0.479808	1.13185	1.13185	0.315388	0.836114	-1.19601	0.0217392	0.621904	-1.60796	0.475388	1.13331	1.13331	0.182229	1.27648	1.27648	2.29948	1.08266	0.418515	1
cg24714913	MAGI3;MAGI3	0.12751	0.301139	1.22438	1.22438	0.770996	0.946344	-1.0567	0.96643	0.992079	-1.00798	0.0605018	1.49175	1.49175	0.201162	0.774853	-1.29057	0.222039	0.78466	-1.27444	0.0671735	0.678651	-1.47351	0.0509878	0.657027	-1.52201	0.547471	0.891345	-1.1219	2.29948	1.30028	0.502639	1
cg07589991	CLSTN1;CLSTN1	0.127511	0.346844	0.802788	-1.24566	0.685332	1.09678	1.09678	0.601351	1.12697	1.12697	0.216257	0.744472	-1.34323	0.454861	0.841462	-1.18841	0.859677	0.960668	-1.04094	0.0224949	1.85854	1.85854	0.378382	1.22745	1.22745	0.0407556	0.585309	-1.7085	2.29946	1.87267	0.723905	1
cg01592263	MAP2K2	0.127516	0.822568	1.04526	1.04526	0.0256026	1.68652	1.68652	0.136717	1.37158	1.37158	0.109736	1.41007	1.41007	0.141758	0.732447	-1.36529	0.948631	0.987382	-1.01278	0.0952776	1.4351	1.4351	0.995493	1.00111	1.00111	0.419118	0.849841	-1.17669	2.29942	1.41461	0.546849	1
cg27276079	EHD4	0.127522	0.0270831	1.62406	1.62406	0.590973	1.10577	1.10577	0.378409	0.845797	-1.18232	0.845959	1.0367	1.0367	0.17209	1.30913	1.30913	0.979315	0.995207	-1.00482	0.0425408	1.54155	1.54155	0.21421	0.784788	-1.27423	0.319578	0.826453	-1.20999	2.29938	1.25067	0.483481	1
cg03991188	MYH16	0.127522	0.0789058	0.36561	-2.73516	0.0896571	0.381016	-2.62456	0.0720448	0.355055	-2.81646	0.270342	1.80738	1.80738	0.196751	0.494689	-2.02147	0.391469	0.635853	-1.57269	0.243709	1.87578	1.87578	0.0712411	0.353776	-2.82664	0.97099	0.981421	-1.01893	2.29938	9.68499	3.74401	1
cg00045227	OR8U8;OR9G9;OR9G1	0.127522	0.0201021	0.163338	-6.12228	0.0323134	0.197982	-5.05096	0.121716	0.338227	-2.9566	0.0689413	0.268426	-3.72542	0.619618	0.723725	-1.38174	0.139272	0.357651	-2.79602	0.0858726	0.293315	-3.40931	0.207814	0.423928	-2.35889	0.173908	0.392685	-2.54657	2.29937	15.2051	5.87798	1
cg14208013	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS	0.127523	0.861276	0.973759	-1.02695	0.0189292	1.54046	1.54046	0.0427002	0.701396	-1.42573	0.0823658	1.33982	1.33982	0.988124	0.99774	-1.00227	0.614126	1.08035	1.08035	0.613614	1.08048	1.08048	0.5151	1.10555	1.10555	0.825101	0.966913	-1.03422	2.29936	0.841644	0.325363	1
cg18076500	ECSIT;ECSIT;ECSIT;ECSIT	0.127524	0.466719	1.13317	1.13317	0.100336	1.35512	1.35512	0.099559	1.35624	1.35624	0.8388	1.03498	1.03498	0.353962	1.17467	1.17467	0.0830879	1.38251	1.38251	0.025797	0.639633	-1.5634	0.741057	1.05758	1.05758	0.845224	0.967546	-1.03354	2.29936	1.0377	0.401155	1
cg13150765	DPF3	0.127524	0.115032	0.558133	-1.79169	0.0493945	2.14508	2.14508	0.0219587	2.54797	2.54797	0.82939	1.0762	1.0762	0.879642	0.949742	-1.05292	0.528275	0.804582	-1.24288	0.215862	1.55776	1.55776	0.929547	1.03055	1.03055	0.510027	0.796592	-1.25535	2.29936	4.21733	1.63034	1
cg16641000	ROGDI	0.127526	0.606351	1.11856	1.11856	0.51005	1.15493	1.15493	0.150491	0.71735	-1.39402	0.172832	0.73147	-1.36711	0.198743	0.746221	-1.34008	0.201005	0.74744	-1.3379	0.0229736	1.79732	1.79732	0.327928	0.804391	-1.24318	0.502162	1.15814	1.15814	2.29934	1.692	0.654101	1
cg06976634	CHID1;CHID1;CHID1;CHID1;CHID1	0.127527	0.828858	0.958282	-1.04353	0.402716	0.844875	-1.18361	0.0171182	1.77184	1.77184	0.888421	1.02802	1.02802	0.0947768	0.696677	-1.43538	0.089032	1.44653	1.44653	0.816786	0.955346	-1.04674	0.195754	1.30907	1.30907	0.969247	1.00762	1.00762	2.29933	1.41102	0.545479	1
cg24589334	C7orf50;C7orf50;C7orf50;GPR146	0.127529	0.0576896	2.49828	2.49828	0.461803	0.72645	-1.37656	0.142253	1.96012	1.96012	0.602245	1.25148	1.25148	0.0153868	0.281192	-3.55629	0.758593	0.876772	-1.14055	0.789302	1.12104	1.12104	0.463631	0.727431	-1.3747	0.985132	0.992082	-1.00798	2.29932	6.62763	2.56217	1
cg22881967	LUZP6;MTPN	0.127534	0.104106	1.62095	1.62095	0.861774	1.04851	1.04851	0.927376	1.02509	1.02509	0.0918943	1.65599	1.65599	0.984134	1.00542	1.00542	0.917852	1.02844	1.02844	0.00996067	2.42232	2.42232	0.0601226	1.77965	1.77965	0.147267	1.52613	1.52613	2.29928	2.69072	1.04022	1
cg05312278	TP53BP1	0.127534	0.438764	1.15383	1.15383	0.289528	1.22041	1.22041	0.291426	1.21939	1.21939	0.84634	1.03578	1.03578	0.0962142	1.39232	1.39232	0.688695	0.929631	-1.0757	0.0639337	0.685718	-1.45833	0.0379915	0.646698	-1.54632	0.365137	1.18365	1.18365	2.29927	1.19547	0.462164	1
cg20849692	SCAMP3;SCAMP3	0.127536	0.350221	0.798687	-1.25205	0.514437	1.16714	1.16714	0.0763709	1.58549	1.58549	0.698963	0.913159	-1.0951	0.157301	0.702192	-1.42411	0.855887	1.04342	1.04342	0.0106854	0.472283	-2.11737	0.616014	0.888511	-1.12548	0.644707	0.897133	-1.11466	2.29926	1.99013	0.769381	1
cg01160818	C5orf56	0.127544	?	?	?	0.488421	1.5062	1.5062	0.151893	2.44322	2.44322	0.0263922	0.216068	-4.62817	0.192646	0.448254	-2.23088	0.2665	0.50981	-1.96152	0.0780674	0.320046	-3.12455	0.410479	0.612756	-1.63197	0.435281	0.629255	-1.58918	2.3205	11.0627	4.76737	1
cg04882584	MYO7B	0.127547	0.474292	1.4304	1.4304	0.0724738	2.68023	2.68023	0.432548	0.674356	-1.4829	0.781476	0.872153	-1.14659	0.0440118	0.320323	-3.12185	0.296245	1.70364	1.70364	0.0398012	3.21928	3.21928	0.675066	1.23047	1.23047	0.601687	0.771772	-1.29572	2.29917	8.81142	3.40661	1
cg23081855	WDR91	0.127549	0.668005	1.11883	1.11883	0.232797	1.38487	1.38487	0.196572	0.70094	-1.42666	0.539757	0.850819	-1.17534	0.924172	1.02508	1.02508	0.338498	0.773553	-1.29274	0.00983354	2.33778	2.33778	0.208549	0.708209	-1.41201	0.735924	0.915678	-1.09209	2.29915	2.46612	0.953441	1
cg08700707	MSLN;MSLN	0.127553	0.556019	1.21469	1.21469	0.029295	2.31315	2.31315	0.101158	1.7973	1.7973	0.928437	1.02977	1.02977	0.191455	0.63655	-1.57097	0.0266752	2.35784	2.35784	0.983253	0.993168	-1.00688	0.219399	1.52473	1.52473	0.37643	1.34508	1.34508	2.29912	3.88423	1.50173	1
cg18488855	NOVA1;NOVA1;NOVA1	0.127554	0.0659956	1.61172	1.61172	0.169034	1.40367	1.40367	0.0110773	2.09003	2.09003	0.354489	1.24662	1.24662	0.855438	1.04311	1.04311	0.167784	1.40525	1.40525	0.260304	0.762073	-1.31221	0.294609	1.28601	1.28601	0.287986	1.29083	1.29083	2.29911	1.94999	0.75391	1
cg05880897	GABRE;MIR452	0.127554	0.920219	1.06872	1.06872	0.759952	0.816032	-1.22544	0.717552	0.785852	-1.2725	0.102112	0.305166	-3.2769	0.113749	0.319328	-3.13157	0.0926046	3.41358	3.41358	0.162479	2.68921	2.68921	0.0511987	0.229247	-4.36211	0.243796	0.445302	-2.24567	2.29911	16.0247	6.19551	1
cg26292895	RBM20	0.127554	0.477978	1.45331	1.45331	0.299709	1.74533	1.74533	0.169743	0.468647	-2.1338	0.520882	0.713754	-1.40104	0.696286	1.22541	1.22541	0.445048	1.49696	1.49696	0.0271374	3.87816	3.87816	0.0194318	4.32425	4.32425	0.672853	1.24618	1.24618	2.29911	9.77828	3.78051	1
cg15332750	KIAA1949;KIAA1949	0.127555	0.718571	1.08691	1.08691	0.184516	1.38284	1.38284	0.085719	1.54866	1.54866	0.662746	1.10634	1.10634	0.415403	0.825547	-1.21132	0.898603	1.02979	1.02979	0.120733	1.47336	1.47336	0.0100155	2.1143	2.1143	0.104343	1.50514	1.50514	2.2991	1.93117	0.746638	1
cg16333269	KIDINS220	0.127555	0.687142	1.12838	1.12838	0.490982	1.23208	1.23208	0.0550488	1.91356	1.91356	0.960651	0.985389	-1.01483	0.333501	0.742604	-1.34661	0.0376757	0.487125	-2.05286	0.105011	0.589502	-1.69635	0.117936	0.602604	-1.65947	0.640967	0.869257	-1.15041	2.2991	3.24077	1.25296	1
cg02082929	GCC2;GCC2	0.127557	0.921795	0.952828	-1.04951	0.721765	1.19238	1.19238	0.0346703	0.297663	-3.3595	0.668445	1.23616	1.23616	0.0261453	0.27294	-3.6638	0.890235	0.934309	-1.07031	0.0672909	0.364587	-2.74283	0.958707	1.02581	1.02581	0.0738576	0.375151	-2.66559	2.29909	8.81703	3.4089	1
cg23927367	THYN1;THYN1;ACAD8;THYN1;THYN1;THYN1;THYN1	0.127559	0.319531	1.18421	1.18421	0.118201	1.32157	1.32157	0.220261	1.23595	1.23595	0.0347186	0.66723	-1.49873	0.155664	1.28363	1.28363	0.572928	1.09815	1.09815	0.493642	1.12104	1.12104	0.0919982	1.35646	1.35646	0.129217	1.30926	1.30926	2.29907	0.983701	0.380328	1
cg09591663	NDUFAF4	0.127562	0.439563	0.856598	-1.16741	0.144828	0.735296	-1.36	0.141457	0.733102	-1.36407	0.461487	1.15859	1.15859	0.442231	0.857401	-1.16632	0.0975207	0.699769	-1.42904	0.247031	0.788464	-1.26829	0.0538848	1.53686	1.53686	0.198659	1.30567	1.30567	2.29904	1.40383	0.542771	1
cg00061413	PANK3	0.127564	0.26616	0.581207	-1.72056	0.471319	1.40943	1.40943	0.218854	1.83249	1.83249	0.704222	1.19558	1.19558	0.125267	0.459724	-2.17522	0.088168	0.414265	-2.41392	0.051335	0.353759	-2.82679	0.045818	0.342254	-2.92181	0.520227	0.736926	-1.35699	2.29903	7.98708	3.0881	1
cg00663686	C18orf21	0.127565	0.58728	0.821521	-1.21725	0.1812	0.600966	-1.66399	0.00587072	3.64531	3.64531	0.810165	1.09016	1.09016	0.311798	1.45552	1.45552	0.662823	0.854377	-1.17044	0.944175	1.02544	1.02544	0.287975	1.48548	1.48548	0.665936	0.855716	-1.16861	2.29902	4.68561	1.81163	1
cg07252758	ZCCHC14	0.127567	0.964639	0.993777	-1.00626	0.261648	0.848047	-1.17918	0.0894477	0.768235	-1.30169	0.32479	1.15393	1.15393	0.0467595	0.725741	-1.3779	0.755683	1.04493	1.04493	0.0418299	1.39139	1.39139	0.481969	1.10587	1.10587	0.58925	1.07977	1.07977	2.299	0.721871	0.279105	1
cg07926092	RNF219	0.127568	0.00570525	32.3791	32.3791	0.503097	0.52104	-1.91924	0.618974	0.618197	-1.61761	0.607994	0.608763	-1.64268	0.393076	0.432013	-2.31475	0.767708	0.752651	-1.32864	0.619423	0.617722	-1.61885	0.184022	0.258733	-3.86499	0.586487	1.69365	1.69365	2.29899	33.5092	12.9561	1
cg04334417	RCN1	0.127576	0.184144	0.428583	-2.33327	0.46323	1.5668	1.5668	0.416319	1.64807	1.64807	0.708683	0.797945	-1.25322	?	?	?	0.0888623	0.32348	-3.09138	0.0581369	3.62494	3.62494	0.212949	0.45437	-2.20085	0.141568	2.5873	2.5873	2.32023	11.8139	5.09169	1
cg14261863	ELMO2;ELMO2	0.127577	0.294704	1.72861	1.72861	0.00636421	5.98049	5.98049	0.243597	1.84863	1.84863	0.880638	1.07861	1.07861	0.0833607	2.62559	2.62559	0.205928	1.95807	1.95807	0.420249	0.660533	-1.51393	0.856494	0.912867	-1.09545	0.765215	1.1628	1.1628	2.29892	9.23468	3.57064	1
cg11133658	SCARA5	0.127578	0.169932	1.26038	1.26038	0.828389	1.03496	1.03496	0.335229	1.17036	1.17036	0.971316	1.00571	1.00571	0.289284	1.19021	1.19021	0.0463108	1.43527	1.43527	0.00560014	1.77862	1.77862	0.912404	1.01757	1.01757	0.255269	1.20686	1.20686	2.29891	0.912429	0.352797	1
cg14471615	TSKU	0.127579	0.39401	1.19271	1.19271	0.262914	1.26566	1.26566	0.139555	1.37839	1.37839	0.089893	0.68569	-1.45839	0.913172	0.978225	-1.02226	0.0200056	0.567446	-1.76228	0.257548	0.787819	-1.26933	0.774372	0.943638	-1.05973	0.43925	0.852802	-1.17261	2.2989	1.48335	0.573548	1
cg08329473	AFAP1L2;AFAP1L2	0.12758	0.0567907	0.526954	-1.8977	0.0586223	0.530051	-1.88661	0.0764624	0.556766	-1.79609	0.537806	1.20367	1.20367	0.0738908	0.553244	-1.80752	0.273788	0.712909	-1.4027	0.0515217	0.517569	-1.93211	0.13078	0.615788	-1.62393	0.992621	1.00275	1.00275	2.29889	3.21483	1.24304	1
cg13101318	FLJ45340	0.12758	0.173027	0.608574	-1.64319	0.111397	0.552147	-1.81111	0.110796	0.551498	-1.81324	0.303889	0.694386	-1.44012	0.0433247	0.451116	-2.21672	0.124969	0.566173	-1.76624	0.0372327	0.436797	-2.28939	0.635904	0.849293	-1.17745	0.0220694	0.390511	-2.56075	2.29889	4.27153	1.65163	1
cg22177795	SLC23A2;SLC23A2	0.127582	0.87406	1.04485	1.04485	0.901604	0.966365	-1.03481	0.19942	0.687269	-1.45503	0.424103	1.25334	1.25334	0.578292	1.16804	1.16804	0.674433	0.889704	-1.12397	0.00404306	0.343717	-2.90937	0.302742	0.74431	-1.34353	0.580648	0.856974	-1.1669	2.29888	2.78586	1.07718	1
cg22685966	ZNF781	0.127587	0.60067	1.15919	1.15919	0.0987898	1.65905	1.65905	0.0107481	2.45088	2.45088	0.957108	0.98507	-1.01516	0.369208	1.29426	1.29426	0.806661	0.933719	-1.07099	0.139049	0.640607	-1.56102	0.697904	0.896646	-1.11527	0.209687	1.44741	1.44741	2.29884	2.84809	1.10127	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10003048	CYP4F11;CYP4F11	0.127588	0.147397	0.491633	-2.03404	0.075801	0.405521	-2.46596	0.143349	0.487604	-2.05084	0.283227	0.600959	-1.66401	0.0897283	0.425563	-2.34983	0.359158	0.650104	-1.53822	0.0128899	0.244104	-4.09661	0.0361235	0.328552	-3.04366	0.287503	0.603877	-1.65597	2.29883	7.59477	2.93667	1
cg04247508	KIAA0146	0.127589	0.666903	0.925895	-1.08004	0.0476545	1.4959	1.4959	0.0150467	1.70122	1.70122	0.679742	0.928846	-1.0766	0.714582	0.936777	-1.06749	0.956428	1.00976	1.00976	0.0927575	1.38944	1.38944	0.360311	0.846009	-1.18202	0.97366	0.994146	-1.00589	2.29882	1.15114	0.445112	1
cg08223003	NDRG1;NDRG1	0.127589	0.463692	0.668283	-1.49637	0.0119594	0.183679	-5.44428	0.0169211	0.207151	-4.8274	0.890684	0.928385	-1.07714	0.279277	0.54452	-1.83648	0.256478	0.52727	-1.89656	0.22965	0.506047	-1.9761	0.309988	0.566827	-1.76421	0.695826	1.23654	1.23654	2.29882	10.6315	4.11089	1
cg02945740	PSMC3IP;PSMC3IP	0.12759	0.777593	1.03132	1.03132	0.800816	1.02791	1.02791	0.17556	1.16983	1.16983	0.51685	0.930929	-1.0742	0.401278	0.910686	-1.09807	0.194101	1.16138	1.16138	0.00806174	0.691023	-1.44713	0.422443	1.09334	1.09334	0.76906	0.968446	-1.03258	2.29882	0.431778	0.166957	1
cg18274682	ATP6AP2	0.127593	0.199976	0.324974	-3.07717	0.0504087	0.157029	-6.36824	0.292605	2.4755	2.4755	0.0547303	6.10384	6.10384	0.122155	4.01827	4.01827	0.207257	0.331511	-3.01649	0.865515	1.1511	1.1511	0.767045	1.2797	1.2797	0.766008	1.28116	1.28116	2.29879	25.0925	9.70269	1
cg07558472	CXXC5	0.127594	0.0397361	0.106735	-9.36896	0.211313	3.4527	3.4527	0.477317	0.506675	-1.97365	0.194326	0.274716	-3.64013	0.0547392	0.128707	-7.76956	0.866266	0.853339	-1.17187	0.029414	0.0894844	-11.1751	0.692922	0.688343	-1.45276	0.270016	0.339336	-2.94693	2.29878	32.2362	12.465	1
cg13611226	RBM18;MRRF;RBM18;RBM18;RBM18;MRRF	0.127596	?	?	?	0.481645	0.602296	-1.66031	0.45053	1.72545	1.72545	?	?	?	?	?	?	0.560043	0.65904	-1.51736	?	?	?	0.0398019	5.86211	5.86211	0.0667691	4.53233	4.53233	2.71984	11.3195	4.99421	1
cg26098818	ZNHIT2	0.127599	0.0055033	0.270025	-3.70337	0.241215	1.55291	1.55291	0.577413	0.817151	-1.22376	0.237234	0.641317	-1.55929	0.818846	1.08578	1.08578	0.88344	0.94873	-1.05404	?	?	?	0.734916	0.885216	-1.12967	0.566328	0.812235	-1.23117	2.32004	4.20379	1.81195	1
cg15085390	C1orf63;C1orf63	0.127599	0.429718	1.74197	1.74197	0.918179	0.931695	-1.07331	0.882161	0.902915	-1.10752	0.0872015	0.272452	-3.67037	0.87352	1.11593	1.11593	0.553004	1.51168	1.51168	0.587393	0.68576	-1.45824	0.00787596	0.0956246	-10.4576	0.236759	2.34788	2.34788	2.29874	17.2596	6.67403	1
cg02953306	CHRNA2;CHRNA2	0.127603	0.0748778	0.493064	-2.02813	0.443596	1.32103	1.32103	0.57325	1.22491	1.22491	0.416102	0.7436	-1.34481	0.0251282	0.386961	-2.58424	0.126151	0.554425	-1.80367	0.0430006	0.436033	-2.2934	0.181069	0.60282	-1.65887	0.542846	0.802881	-1.24551	2.29871	4.62534	1.78858	1
cg06068039	GRM4	0.127604	0.738786	0.816935	-1.22409	0.146616	2.5634	2.5634	0.088824	3.1081	3.1081	0.816076	1.15116	1.15116	0.289998	0.515034	-1.94162	0.218899	2.18419	2.18419	0.532023	0.682195	-1.46586	0.0200984	0.183731	-5.44274	0.618651	1.35416	1.35416	2.2987	13.2896	5.139	1
cg09800975	RBM17;RBM17	0.127605	0.0909749	1.36054	1.36054	0.292892	1.19773	1.19773	0.537045	1.10889	1.10889	0.787204	0.956245	-1.04576	0.89667	0.978744	-1.02172	0.216859	0.80665	-1.2397	0.0105073	0.587173	-1.70308	0.583088	1.09599	1.09599	0.831289	0.965336	-1.03591	2.29869	0.995464	0.38494	1
cg27048432	GPR39;LYPD1;LYPD1	0.127605	0.336345	1.44349	1.44349	0.0257067	2.66718	2.66718	0.0380578	2.43604	2.43604	0.265596	1.53659	1.53659	0.205624	1.63955	1.63955	0.698198	1.15521	1.15521	0.0184068	2.88339	2.88339	0.1114	1.90042	1.90042	0.433065	1.34478	1.34478	2.29869	4.99156	1.93021	1
cg14373220	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.127612	0.262502	1.62828	1.62828	0.0571856	0.407431	-2.4544	0.256596	0.610102	-1.63907	0.116699	2.03658	2.03658	0.254807	0.608868	-1.64239	0.090627	0.459337	-2.17705	0.097717	0.468514	-2.13441	0.491689	0.747186	-1.33835	0.256304	0.609901	-1.63961	2.29863	6.33946	2.45149	1
cg05401965	PCDH10;PCDH10	0.127612	0.897152	1.0312	1.0312	0.215539	0.733665	-1.36302	0.236426	0.744719	-1.34279	0.660914	1.11057	1.11057	0.183298	1.39857	1.39857	0.029152	1.84185	1.84185	0.774203	1.07073	1.07073	0.579849	1.14209	1.14209	0.0284293	1.84872	1.84872	2.29863	2.05501	0.794681	1
cg19221044	TAP2;TAP2	0.127615	0.528094	0.936857	-1.0674	0.123753	0.843578	-1.18543	0.122122	1.18645	1.18645	0.624204	1.05167	1.05167	0.199052	1.14851	1.14851	0.499187	1.07251	1.07251	0.016081	0.740388	-1.35064	0.639539	0.953008	-1.04931	0.734425	1.03536	1.03536	2.29861	0.379039	0.146577	1
cg07497190	FCGRT;FCGRT	0.127616	0.0152873	0.200794	-4.98023	0.210352	0.490864	-2.03722	0.0264824	0.242139	-4.12985	0.429083	1.54524	1.54524	0.385744	0.619177	-1.61505	0.641034	0.776355	-1.28807	0.968475	1.02153	1.02153	0.789913	0.865928	-1.15483	0.382717	1.62025	1.62025	2.2986	10.5802	4.09143	1
cg17143192	CLDN23;CLDN23	0.127617	0.0945424	26.1168	26.1168	0.225403	9.58632	9.58632	0.134757	17.5078	17.5078	0.138134	17.0196	17.0196	0.167871	13.5915	13.5915	0.233518	9.18438	9.18438	0.0317148	87.4012	87.4012	0.0167622	178.19	178.19	0.0823675	30.4535	30.4535	2.2986	114.742	44.3718	1
cg25340674	PDE4DIP	0.12762	0.316036	0.717304	-1.39411	0.0270762	2.31348	2.31348	0.0813629	1.85747	1.85747	0.546502	1.21603	1.21603	0.0466652	0.481856	-2.07531	0.738151	0.898044	-1.11353	0.774328	0.911978	-1.09652	0.619426	1.17407	1.17407	0.961701	1.01551	1.01551	2.29856	3.73982	1.44624	1
cg15312943	SERGEF	0.12762	0.0401438	0.317903	-3.14562	0.816372	1.11897	1.11897	0.370884	1.55898	1.55898	0.118029	0.440335	-2.271	0.27135	0.575	-1.73913	0.131947	0.455767	-2.19411	0.118994	0.441441	-2.26531	0.171528	0.494866	-2.02075	0.0320977	0.29722	-3.36451	2.29856	8.50181	3.28778	1
cg07003643	C1QTNF5;MFRP	0.127625	0.729314	0.898451	-1.11303	0.416212	0.774029	-1.29194	0.12738	0.601584	-1.66228	0.760776	0.910161	-1.09871	0.00946195	0.362887	-2.75568	0.702755	1.12546	1.12546	0.0224323	0.430382	-2.32352	0.311343	0.724062	-1.3811	0.533541	0.823341	-1.21456	2.29852	3.45921	1.33775	1
cg19282019	LOXHD1;LOXHD1	0.127626	0.199402	0.480652	-2.08051	0.0570531	0.312422	-3.2008	0.0162828	0.204454	-4.89107	0.191932	0.474079	-2.10935	0.995843	1.00282	1.00282	0.796082	1.15019	1.15019	0.0733814	0.34002	-2.941	0.270369	0.537883	-1.85914	0.069519	0.333882	-2.99507	2.29852	10.6284	4.11024	1
cg21299958	ITM2C;ITM2C;ITM2C	0.127626	0.118188	1.55441	1.55441	0.854078	1.04904	1.04904	0.643225	0.885782	-1.12895	0.211354	1.40829	1.40829	0.0239383	2.01479	2.01479	0.203751	0.705545	-1.41734	0.289359	1.33104	1.33104	0.878777	0.961092	-1.04048	0.0444255	1.82255	1.82255	2.29852	2.46119	0.951797	1
cg12381074	ADAP1	0.127627	0.601253	0.866179	-1.1545	0.0586797	1.78939	1.78939	0.783465	1.07794	1.07794	0.722233	0.90733	-1.10213	0.0419151	0.527924	-1.89421	0.0493838	0.542776	-1.84238	0.386037	1.27394	1.27394	0.302948	1.3374	1.3374	0.845001	1.05478	1.05478	2.29851	2.70233	1.04506	1
cg18988094	STIP1	0.12763	0.711442	0.916147	-1.09153	0.0923342	1.54753	1.54753	0.100621	1.52791	1.52791	0.0161211	0.499596	-2.00162	0.697559	0.912061	-1.09642	0.549144	0.866868	-1.15358	0.255688	0.756025	-1.32271	0.770515	0.93338	-1.07137	0.682047	1.10196	1.10196	2.29849	2.0224	0.782119	1
cg24341515	MBNL2;MBNL2	0.127632	0.767512	1.09902	1.09902	0.00443907	3.35024	3.35024	0.597089	1.18518	1.18518	0.402725	1.31355	1.31355	0.563968	1.20414	1.20414	0.14373	1.64922	1.64922	0.174238	1.58459	1.58459	0.0653092	1.9328	1.9328	0.753005	1.10577	1.10577	2.29847	3.69243	1.42797	1
cg20066782	FBXL13;LRRC17;FBXL13;LRRC17	0.127633	0.0645048	6.91592	6.91592	0.122614	4.74835	4.74835	0.601591	0.612302	-1.63318	0.107362	5.13694	5.13694	0.286347	2.80382	2.80382	0.101676	5.30423	5.30423	0.0771719	6.23225	6.23225	0.0440157	8.62717	8.62717	0.053755	7.68556	7.68556	2.29846	31.5635	12.2066	1
cg08214329	IFT140;TMEM204	0.127633	0.59403	1.56943	1.56943	0.0472288	6.70028	6.70028	0.0963359	4.61672	4.61672	0.271994	0.383676	-2.60636	0.0341041	0.125972	-7.93827	0.640037	0.673957	-1.48378	0.581869	1.5935	1.5935	0.373462	2.1499	2.1499	0.767875	0.780386	-1.28142	2.29846	25.5499	9.88099	1
cg25477268	CPEB4	0.127635	0.0185636	1.40942	1.40942	0.832398	0.974844	-1.02581	0.489174	0.919001	-1.08814	0.153949	0.832349	-1.20142	0.274125	1.14661	1.14661	0.146668	1.20597	1.20597	0.183523	0.843965	-1.18488	0.766736	1.03641	1.03641	0.399766	0.901558	-1.10919	2.29845	0.526142	0.203477	1
cg13879455	AGAP2;AGAP2	0.127635	0.0592379	2.26208	2.26208	0.489048	1.30914	1.30914	0.0645405	2.21632	2.21632	0.0135452	3.22569	3.22569	0.946563	1.02602	1.02602	0.412628	1.37857	1.37857	0.81988	0.916297	-1.09135	0.887924	0.947388	-1.05553	0.0668079	2.19814	2.19814	2.29844	5.3475	2.06807	1
cg14504499	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.127641	0.0705483	0.334395	-2.99047	0.177964	0.460308	-2.17246	0.615209	0.759794	-1.31615	0.297302	0.556738	-1.79618	0.0909167	0.364432	-2.74399	0.61017	0.756768	-1.32141	0.0155861	0.20039	-4.99027	0.0234728	0.230625	-4.33604	0.259833	0.528825	-1.89098	2.29839	10.6944	4.13597	1
cg22051763	UTP20	0.127642	0.120666	1.62142	1.62142	0.846268	0.945789	-1.05732	0.0340496	2.03466	2.03466	0.0353615	2.02095	2.02095	0.0825258	1.73703	1.73703	0.0675497	1.80052	1.80052	0.540468	0.836999	-1.19474	0.484001	1.22658	1.22658	0.315713	1.34698	1.34698	2.29839	3.00118	1.16069	1
cg12552889	RAB37	0.127647	0.164998	0.360665	-2.77266	0.544871	1.52489	1.52489	0.677531	1.33366	1.33366	0.761646	0.81102	-1.23302	0.00965814	0.104888	-9.53401	0.924084	0.936482	-1.06783	0.141036	0.336211	-2.97432	0.93627	1.05661	1.05661	0.0536474	0.221175	-4.52132	2.29835	17.2566	6.674	1
cg06867916	SLC39A9;SLC39A9;ERH	0.127648	0.106436	0.709569	-1.40931	0.590102	1.11164	1.11164	0.0687121	1.48665	1.48665	0.0189648	0.575274	-1.7383	0.351526	0.829776	-1.20514	0.522478	0.881484	-1.13445	0.993806	1.00151	1.00151	0.426137	1.17134	1.17134	0.673822	1.08588	1.08588	2.29834	1.37873	0.53323	1
cg14848284	EMX1	0.127649	0.215256	0.579427	-1.72584	0.878622	0.938066	-1.06602	0.731282	1.15514	1.15514	0.279619	0.624853	-1.60038	0.126625	0.500929	-1.99629	0.666671	0.834195	-1.19876	0.0221687	0.317486	-3.14974	0.320483	1.53642	1.53642	0.0786145	2.26424	2.26424	2.29833	6.37104	2.46403	1
cg23507802	WNT7A	0.127649	0.287727	0.729237	-1.3713	0.627196	1.15028	1.15028	0.0177167	0.438212	-2.282	0.142416	0.636944	-1.57	0.0465182	0.520902	-1.91975	0.309553	0.740212	-1.35096	0.377221	1.29589	1.29589	0.110434	0.607974	-1.64481	0.8249	0.938579	-1.06544	2.29833	2.97876	1.15205	1
cg07597022	RAB40C	0.12765	0.0377156	0.488754	-2.04602	0.601184	1.16959	1.16959	0.504579	0.817806	-1.22278	0.0486409	0.512243	-1.9522	0.102941	0.58866	-1.69877	0.0483055	0.511589	-1.95469	0.630954	0.86609	-1.15461	0.106987	0.59294	-1.68651	0.0833983	0.565956	-1.76692	2.29832	3.21141	1.24203	1
cg03587978	GHSR;GHSR	0.127651	0.162866	2.74477	2.74477	0.540231	0.656864	-1.52238	0.0302646	5.62148	5.62148	0.466126	1.65318	1.65318	0.136596	2.96543	2.96543	0.430271	0.57944	-1.7258	0.0474771	4.64941	4.64941	0.0677114	4.0036	4.0036	0.947133	0.956048	-1.04597	2.29831	16.7232	6.46784	1
cg20821713	C7orf50;C7orf50;C7orf50	0.127654	0.380555	0.702647	-1.42319	0.00542697	4.20196	4.20196	0.0657149	2.24856	2.24856	0.95234	0.976821	-1.02373	0.999332	1.00033	1.00033	0.646022	1.19895	1.19895	0.9213	0.96197	-1.03953	0.902493	0.95305	-1.04926	0.818686	0.913849	-1.09427	2.29829	5.60336	2.16716	1
cg04120407	KLHDC4	0.12766	0.0753751	0.367916	-2.71801	0.977778	0.986031	-1.01417	0.59055	0.760077	-1.31566	0.153101	0.461747	-2.16569	0.0769276	0.37029	-2.70059	0.24499	0.541054	-1.84825	0.891792	1.07116	1.07116	0.393454	0.643064	-1.55506	0.00705157	0.172217	-5.80664	2.29824	9.28535	3.59129	1
cg21510704	C14orf143	0.127663	0.970925	0.98837	-1.01177	0.104214	0.565468	-1.76845	0.04138	0.469978	-2.12776	0.455254	0.783413	-1.27647	0.93957	1.02463	1.02463	0.294265	0.705292	-1.41785	0.193552	0.64304	-1.55511	0.466975	0.788542	-1.26816	0.00733081	0.329732	-3.03277	2.29822	3.7495	1.45021	1
cg14737704	PLXNB2	0.127666	0.253164	0.573884	-1.74251	0.847013	1.09404	1.09404	0.302067	1.64458	1.64458	0.41684	1.47124	1.47124	0.0112318	0.228075	-4.38452	0.263218	0.581158	-1.7207	0.192022	0.525923	-1.90142	0.515201	1.35941	1.35941	0.167354	0.504158	-1.98351	2.29819	7.88071	3.04808	1
cg22734315	ATMIN	0.127667	0.508934	1.10669	1.10669	0.143278	0.788229	-1.26867	0.74649	0.952112	-1.0503	0.973046	1.00512	1.00512	0.673452	0.937888	-1.06623	0.707115	0.944495	-1.05877	0.00584133	1.72635	1.72635	0.242662	1.2032	1.2032	0.888187	0.978942	-1.02151	2.29818	0.833092	0.322223	1
cg13923669	C17orf28	0.127667	0.312397	0.509116	-1.96419	0.247508	2.18385	2.18385	0.76387	1.21486	1.21486	0.535096	0.666456	-1.50047	0.154945	0.374058	-2.67338	0.610675	0.717708	-1.39332	0.00492845	0.0901694	-11.0902	0.43158	0.595378	-1.67961	0.779663	0.834284	-1.19863	2.29818	15.1903	5.87529	1
cg06153498	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.127668	0.127667	1.7209	1.7209	0.27736	0.689131	-1.4511	0.0189747	0.392116	-2.55027	0.741475	0.896633	-1.11528	0.432821	1.30188	1.30188	0.136989	0.589822	-1.69543	0.493646	0.795246	-1.25747	0.193074	1.57451	1.57451	0.780783	1.09631	1.09631	2.29817	3.95346	1.52913	1
cg26267259	PTPRN2;PTPRN2;PTPRN2	0.127669	0.0946573	0.181471	-5.51052	0.114729	0.203183	-4.92167	0.268538	0.342779	-2.91733	0.28353	0.355167	-2.81558	0.0442122	0.116775	-8.56345	0.838686	0.827473	-1.2085	0.00796736	0.042414	-23.5771	0.731038	0.725724	-1.37793	0.307851	0.375059	-2.66625	2.29816	31.4177	12.1518	1
cg04316770	SGSM3	0.127671	0.0513014	0.649977	-1.53851	0.0872921	0.693151	-1.44269	0.97848	1.00525	1.00525	0.974209	1.0063	1.0063	0.869346	0.968545	-1.03248	0.200103	1.30053	1.30053	0.554518	1.12306	1.12306	0.0209749	0.583223	-1.71461	0.637966	1.09638	1.09638	2.29815	1.37183	0.530604	1
cg09971102	MEG3;MEG3;MEG3	0.127671	0.491724	0.820693	-1.21848	0.59867	1.16216	1.16216	0.334934	1.32495	1.32495	0.723263	0.90429	-1.10584	0.813291	0.935243	-1.06924	0.565039	0.848244	-1.17891	0.0047572	0.3462	-2.8885	0.181416	0.669351	-1.49399	0.211164	0.688825	-1.45175	2.29815	2.9143	1.12721	1
cg03337784	KBTBD7	0.127672	0.882174	0.963682	-1.03769	0.195604	1.40692	1.40692	0.00282926	2.78874	2.78874	0.850938	1.04804	1.04804	0.346695	1.27342	1.27342	0.38995	1.24576	1.24576	0.944549	1.0175	1.0175	0.869941	1.04172	1.04172	0.903689	0.970257	-1.03066	2.29814	2.26458	0.87591	1
cg04159905	TPPP	0.127675	0.828089	0.955385	-1.0467	0.121403	1.42252	1.42252	0.177632	1.35076	1.35076	0.395729	0.833156	-1.20026	0.892845	0.972111	-1.02869	0.0107289	0.510223	-1.95993	0.428183	0.843868	-1.18502	0.322658	0.807022	-1.23912	0.645657	1.10204	1.10204	2.29811	1.60311	0.620068	1
cg13813813	C20orf24;C20orf24;C20orf24	0.127676	0.0720605	1.52659	1.52659	0.0118083	1.93955	1.93955	0.146919	1.38818	1.38818	0.0967675	1.46832	1.46832	0.722442	1.07804	1.07804	0.528764	1.14392	1.14392	0.253868	0.777981	-1.28538	0.960272	1.01055	1.01055	0.659653	1.09788	1.09788	2.29811	1.61579	0.624974	1
cg14774677	HIP1	0.127677	0.657135	1.09845	1.09845	0.439823	0.847389	-1.1801	0.190343	1.33844	1.33844	0.0255965	1.74619	1.74619	0.601864	1.11699	1.11699	0.77821	0.942377	-1.06115	0.412142	0.838406	-1.19274	0.0210255	1.79219	1.79219	0.197165	1.33185	1.33185	2.2981	1.60798	0.621955	1
cg25633114	DMXL1	0.127684	?	?	?	0.070012	2.16719	2.16719	0.456581	0.756102	-1.32257	0.612136	1.20668	1.20668	0.266322	0.650096	-1.53824	0.0467423	0.415891	-2.40448	0.756755	1.12069	1.12069	?	?	?	0.155216	1.77032	1.77032	2.65184	4.17475	1.34939	1
cg21834048	GRK7	0.127684	0.444668	0.570204	-1.75376	0.661152	0.727609	-1.37437	0.057525	0.212547	-4.70484	0.716255	1.30104	1.30104	0.0584987	0.214151	-4.66959	0.289845	0.452927	-2.20786	0.029182	0.156785	-6.37815	0.152289	3.02076	3.02076	0.328124	0.483009	-2.07035	2.29804	18.9173	7.31729	1
cg13753183	APTX;APTX;APTX;APTX;APTX;APTX;APTX	0.127686	0.072952	2.82207	2.82207	0.182631	2.08259	2.08259	0.973854	0.983144	-1.01715	0.123991	2.37281	2.37281	0.821294	0.88927	-1.12452	0.021362	4.19808	4.19808	0.0556076	3.08054	3.08054	0.0994525	2.55151	2.55151	0.125159	2.36545	2.36545	2.29802	9.79251	3.7878	1
cg25680629	CRTAP	0.127687	0.393967	0.521543	-1.91739	0.00520496	0.0639964	-15.6259	0.0543885	0.196449	-5.09037	0.986714	0.987662	-1.01249	0.182076	0.347879	-2.87457	0.374222	0.506619	-1.97387	0.433033	0.550751	-1.8157	0.208307	0.371959	-2.68846	0.932167	1.06553	1.06553	2.29801	20.2289	7.8247	1
cg10569616	POT1;POT1;POT1;POT1;POT1	0.127688	0.358345	0.851522	-1.17437	0.183331	0.786439	-1.27155	0.0747688	0.713377	-1.40178	0.571094	0.907184	-1.10231	0.0103568	0.577222	-1.73243	0.0499058	0.683493	-1.46307	0.643017	1.08266	1.08266	0.562087	0.905065	-1.10489	0.751139	1.05563	1.05563	2.29801	1.05393	0.407667	1
cg23634478	DLST	0.127689	0.0527341	0.648228	-1.54267	0.685737	1.08338	1.08338	0.592142	0.899005	-1.11234	0.596417	0.90013	-1.11095	0.0618935	0.661053	-1.51274	0.0502602	0.644432	-1.55176	0.526132	0.88121	-1.1348	0.10415	1.41875	1.41875	0.17787	0.754369	-1.32561	2.298	1.41063	0.545643	1
cg00201760	IL27	0.127696	0.678918	1.20224	1.20224	0.849229	0.919238	-1.08786	0.0430421	0.356956	-2.80146	0.451268	0.712045	-1.40441	0.148909	0.504116	-1.98367	0.872326	1.07376	1.07376	0.0831443	0.427911	-2.33694	0.014301	0.262729	-3.8062	0.142324	0.497631	-2.00952	2.29794	7.12559	2.75632	1
cg05122950	NEURL	0.127697	0.157894	0.530322	-1.88565	0.022747	0.318154	-3.14314	0.308681	0.642366	-1.55674	0.772344	1.12959	1.12959	0.464315	0.731348	-1.36734	0.0962695	2.15372	2.15372	0.0510746	0.393232	-2.54303	0.509999	0.755224	-1.32411	0.830417	0.913844	-1.09428	2.29794	6.42234	2.48429	1
cg22197824	RELA;RELA	0.127699	0.360107	1.19519	1.19519	0.310346	1.22011	1.22011	0.673499	1.08363	1.08363	0.44124	1.16047	1.16047	0.614285	0.908188	-1.10109	0.534386	0.887586	-1.12665	0.00555944	0.501428	-1.9943	0.293547	0.813438	-1.22935	0.786972	0.949961	-1.05267	2.29791	1.30708	0.505608	1
cg13695954	NPTX2	0.127703	0.28725	0.408311	-2.44912	0.281275	2.47881	2.47881	0.0625091	5.47046	5.47046	0.381789	2.06916	2.06916	0.777289	1.25845	1.25845	0.129553	0.265112	-3.772	0.0360953	0.138631	-7.21338	0.62886	0.673811	-1.4841	0.295261	0.414832	-2.41061	2.29788	23.9151	9.25108	1
cg05092353	F10	0.127703	0.59175	0.780435	-1.28134	0.0775384	2.45579	2.45579	0.357919	1.54176	1.54176	0.780297	1.1366	1.1366	0.0117852	0.236851	-4.22206	0.374289	1.51832	1.51832	0.213563	1.82167	1.82167	0.663919	1.22164	1.22164	0.992842	1.00412	1.00412	2.29788	7.63123	2.95199	1
cg20668607	DNAJC11	0.127703	0.0310918	0.462157	-2.16377	0.422028	0.778669	-1.28424	0.406865	0.771974	-1.29538	0.523542	0.821035	-1.21797	0.0854413	0.559935	-1.78592	0.176021	0.644796	-1.55088	0.0124093	0.387037	-2.58373	0.138985	0.615227	-1.62542	0.0917255	0.567596	-1.76182	2.29788	3.38596	1.30979	1
cg09006810	OGT;BCYRN1;OGT	0.127704	0.0594087	0.259239	-3.85745	0.969049	1.02445	1.02445	0.124304	2.85413	2.85413	0.0485564	4.18819	4.18819	0.507686	0.657534	-1.52083	0.0858067	0.301073	-3.32145	0.29592	0.507428	-1.97072	0.648252	0.751119	-1.33135	0.879343	0.909768	-1.09918	2.4273	14.5814	4.67231	1
cg19259802	TBL1X;TBL1X;TBL1X;TBL1X	0.127704	0.0137634	0.163907	-6.10102	0.134783	0.383865	-2.60508	0.158023	0.40807	-2.45056	0.246705	0.487076	-2.05307	0.0542177	0.273238	-3.65981	0.317713	0.54155	-1.84655	0.0549696	0.27463	-3.64126	0.0668424	0.295195	-3.38759	0.398193	0.59829	-1.67143	2.29787	12.834	4.96458	1
cg14580848	GTF3C3	0.127706	0.126431	0.329549	-3.03445	0.287749	2.08813	2.08813	0.081627	3.6719	3.6719	0.418522	1.73339	1.73339	?	?	?	0.221422	0.423577	-2.36084	0.242752	0.441994	-2.26248	0.135838	2.94014	2.94014	0.159486	2.73836	2.73836	2.44737	14.8369	5.30457	1
cg13197551	LSM14B	0.127711	0.159867	2.91718	2.91718	0.0339196	5.84326	5.84326	0.0280737	6.35624	6.35624	0.40451	1.83687	1.83687	0.362838	0.513382	-1.94787	0.52902	1.57562	1.57562	0.927902	1.06665	1.06665	0.040728	5.388	5.388	0.338699	2.01991	2.01991	2.29782	18.4953	7.15475	1
cg13450266	MCF2L	0.127713	0.063684	0.49197	-2.03265	0.0377084	0.440381	-2.27076	0.945373	1.02359	1.02359	0.673083	1.15534	1.15534	0.323555	0.706864	-1.4147	0.521669	0.801729	-1.2473	0.0369952	0.438606	-2.27995	0.0360272	0.436151	-2.29279	0.979327	1.00886	1.00886	2.2978	4.21313	1.62982	1
cg06787764	C1orf190;POMGNT1	0.127714	0.200868	0.621054	-1.61017	0.574505	0.818721	-1.22142	0.0372823	0.426407	-2.34518	0.390136	1.3641	1.3641	0.86348	0.941123	-1.06256	0.317807	0.694832	-1.4392	0.0232231	0.384176	-2.60297	0.607006	0.832824	-1.20073	0.159526	1.69896	1.69896	2.29779	4.52437	1.75023	1
cg25162921	MTAP	0.127719	0.420642	0.660464	-1.51409	0.745868	1.17817	1.17817	0.340722	0.609556	-1.64054	0.0189666	4.18858	4.18858	0.0598291	0.342772	-2.91739	0.356275	0.619777	-1.61348	0.160367	0.469467	-2.13008	0.746393	1.17775	1.17775	0.63734	1.27051	1.27051	2.29775	9.25096	3.57874	1
cg11610050	AHRR	0.127719	0.350169	0.776829	-1.28728	0.797818	1.06974	1.06974	0.228794	1.3933	1.3933	0.664385	0.89169	-1.12147	0.0119462	0.43881	-2.27889	0.877163	1.04146	1.04146	0.3054	1.32141	1.32141	0.695582	0.901886	-1.10879	0.0575879	0.568988	-1.75751	2.29775	2.5096	0.970841	1
cg04975505	FLRT2	0.12772	0.658016	0.918854	-1.08831	0.324231	1.21337	1.21337	0.323432	0.823871	-1.21378	0.126599	1.36878	1.36878	0.155822	1.33438	1.33438	0.585962	1.11014	1.11014	0.994773	0.998756	-1.00125	0.011892	0.550785	-1.81559	0.908344	0.978359	-1.02212	2.29774	1.31327	0.508042	1
cg21503093	EMP2;EMP2	0.127724	0.481391	1.05084	1.05084	0.150788	0.8988	-1.11259	0.477483	0.951187	-1.05132	0.176816	1.10459	1.10459	0.577686	1.03974	1.03974	0.473232	1.05184	1.05184	0.0175194	0.818458	-1.22181	0.844573	1.01369	1.01369	0.124117	1.1223	1.1223	2.29771	0.174711	0.0675885	1
cg19268017	AUTS2;AUTS2	0.127724	0.358787	0.649976	-1.53852	0.694481	1.19749	1.19749	0.495661	0.729164	-1.37143	0.36204	0.651975	-1.5338	0.96234	0.978673	-1.02179	0.461128	1.40854	1.40854	0.00904316	4.54892	4.54892	0.0626667	2.60229	2.60229	0.960101	1.0231	1.0231	2.29771	7.5856	2.93455	1
cg16550453	TDRD1	0.127726	0.555189	1.23225	1.23225	0.0659849	2.05821	2.05821	0.181981	1.64176	1.64176	0.671382	1.16107	1.16107	0.643818	0.849643	-1.17696	0.383648	1.36701	1.36701	0.00490378	3.68617	3.68617	0.289106	1.46974	1.46974	0.874374	1.05693	1.05693	2.2977	4.45662	1.72409	1
cg05002165	WASF2	0.127727	0.517603	1.11649	1.11649	0.0909988	0.731449	-1.36715	0.439518	0.875964	-1.1416	0.779941	0.954041	-1.04817	0.46597	1.13272	1.13272	0.336195	1.18125	1.18125	0.00915739	1.74363	1.74363	0.503024	0.892105	-1.12094	0.742298	0.946083	-1.05699	2.29769	1.02679	0.397226	1
cg23797252	KNDC1	0.127728	0.142278	0.665873	-1.50179	0.139626	1.5065	1.5065	0.328062	0.770859	-1.29725	0.916444	1.02742	1.02742	0.287514	0.75225	-1.32934	0.0583412	0.576095	-1.73582	0.0478204	0.558043	-1.79198	0.507872	0.840988	-1.18908	0.0527568	0.566887	-1.76402	2.29767	2.4184	0.935592	1
cg13923497	FMNL2	0.127729	0.366081	0.584502	-1.71086	0.0232152	4.8024	4.8024	0.0350843	4.13632	4.13632	0.35817	0.579019	-1.72706	0.40465	0.610735	-1.63737	0.909263	1.06815	1.06815	0.175363	2.30109	2.30109	0.715568	1.23569	1.23569	0.636411	0.759291	-1.31702	2.29767	12.1693	4.70789	1
cg10536349	SPAG9;SPAG9	0.127731	0.872159	1.08567	1.08567	0.779787	0.8667	-1.1538	0.0287981	3.72837	3.72837	0.491459	1.42855	1.42855	0.238799	0.532755	-1.87704	0.0342782	0.28351	-3.52722	0.308241	0.583752	-1.71306	0.247849	0.539763	-1.85267	0.571183	1.33923	1.33923	2.29765	9.47967	3.66738	1
cg19511386	C3orf59	0.127734	0.0416113	0.504321	-1.98287	0.468339	1.23988	1.23988	0.762031	0.915301	-1.09254	0.648405	0.874784	-1.14314	0.0467558	0.515072	-1.94147	0.922811	0.972153	-1.02864	0.0169157	0.427832	-2.33737	0.954313	1.01684	1.01684	0.190314	0.667532	-1.49806	2.29763	3.09008	1.19547	1
cg24183958	GRB10	0.127734	0.0595242	0.56821	-1.75991	0.0102259	0.422948	-2.36436	0.0205822	0.476475	-2.09875	0.626448	0.877769	-1.13925	0.569291	0.85824	-1.16518	0.616585	0.874439	-1.14359	0.487215	0.828938	-1.20636	0.514232	0.838783	-1.1922	0.822543	0.942044	-1.06152	2.29763	2.57063	0.994506	1
cg10243170	FKBP9L	0.127738	0.257927	0.822012	-1.21653	0.733265	1.05844	1.05844	0.0195343	0.625895	-1.59771	0.26414	1.21318	1.21318	0.631183	1.08362	1.08362	0.668496	1.07414	1.07414	0.0471384	1.45814	1.45814	0.757836	0.949949	-1.05269	0.332769	0.847145	-1.18044	2.29759	1.00307	0.388064	1
cg20478261	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.127739	0.412049	1.66995	1.66995	0.0844241	3.21248	3.21248	0.259949	2.05126	2.05126	0.838319	0.882573	-1.13305	0.113941	0.34944	-2.86172	0.624244	0.739451	-1.35236	0.0256561	0.19778	-5.05613	0.642668	1.33065	1.33065	0.246808	0.476909	-2.09683	2.29759	13.6025	5.26253	1
cg18856004	OTUD3	0.127743	0.0545725	2.85936	2.85936	0.0860742	2.49365	2.49365	0.436775	1.46549	1.46549	0.314469	1.65061	1.65061	0.508556	1.3814	1.3814	0.0668304	2.69096	2.69096	0.0189717	3.92974	3.92974	0.0651425	2.71169	2.71169	0.0832669	2.51874	2.51874	2.29755	8.4456	3.26748	1
cg25216196	MFAP4	0.127744	0.135784	0.444149	-2.25149	0.506321	0.711468	-1.40554	0.607736	1.29874	1.29874	0.701821	0.823482	-1.21436	0.168158	0.476404	-2.09906	0.469002	0.689398	-1.45054	0.00821954	0.181428	-5.51184	0.0451129	0.313287	-3.19196	0.203374	0.507711	-1.96962	2.29755	9.2747	3.58825	1
cg19706900	TRIB2;TRIB2	0.127747	0.332986	0.708565	-1.4113	0.0124099	0.341787	-2.9258	0.100473	0.537546	-1.8603	0.102269	0.539626	-1.85313	0.145347	0.583084	-1.71502	0.636809	1.1783	1.1783	0.154314	0.590947	-1.6922	0.0705131	0.497925	-2.00834	0.244113	0.656791	-1.52256	2.29752	4.33045	1.67541	1
cg04309071	CNOT1;CNOT1	0.127748	0.483141	0.872543	-1.14607	0.0763482	1.45819	1.45819	0.350856	1.20164	1.20164	0.803782	1.04878	1.04878	0.0354901	0.626052	-1.59731	0.604656	1.10508	1.10508	0.056276	1.51215	1.51215	0.243543	1.26293	1.26293	0.583362	0.899455	-1.11178	2.29752	1.33169	0.51522	1
cg10519465	ROBO4	0.127749	0.493566	1.24228	1.24228	0.288335	1.41051	1.41051	0.0254752	0.436717	-2.28981	0.0971284	0.566587	-1.76495	0.215507	0.665794	-1.50197	0.237613	0.679748	-1.47113	0.0387991	0.47399	-2.10975	0.860641	0.946645	-1.05636	0.622743	0.856648	-1.16734	2.29751	3.54285	1.3707	1
cg20574415	RASGRF1;RASGRF1	0.127751	0.0310816	0.639598	-1.56348	0.806	1.04441	1.04441	0.847718	0.966619	-1.03453	0.224358	0.798197	-1.25282	0.585485	0.907322	-1.10214	0.0610545	0.688806	-1.45179	0.358979	0.846563	-1.18125	0.0517639	1.47832	1.47832	0.754123	1.05706	1.05706	2.29749	1.13481	0.439053	1
cg01599742	MOCS1;MOCS1	0.127754	0.0481887	0.237472	-4.21102	0.571305	1.43947	1.43947	0.158708	0.383182	-2.60973	0.420335	0.592022	-1.68913	0.0119263	0.135629	-7.37307	0.481195	0.63389	-1.57756	0.0524718	0.245603	-4.07162	0.280789	0.489778	-2.04174	0.47261	0.628039	-1.59226	2.29746	14.7518	5.70746	1
cg09811510	SCHIP1	0.127755	0.672787	0.785249	-1.27348	0.786622	1.16698	1.16698	0.783011	0.854605	-1.17013	0.202784	0.465224	-2.1495	0.393267	1.64495	1.64495	0.320263	0.557385	-1.79409	0.203951	0.466244	-2.1448	0.00990492	6.38812	6.38812	0.295678	0.539471	-1.85367	2.29746	11.7857	4.55991	1
cg18098079	DPPA2	0.127757	0.661026	0.911477	-1.09712	0.858316	1.03825	1.03825	0.718042	1.07914	1.07914	0.745923	0.933986	-1.07068	0.750969	0.935306	-1.06917	0.722562	1.07776	1.07776	0.0119489	1.93255	1.93255	0.643668	1.1028	1.1028	0.0277146	0.578892	-1.72744	2.29744	1.60554	0.621191	1
cg26339484	HES4;HES4	0.127758	0.818558	0.952941	-1.04938	0.209087	0.757486	-1.32016	0.423354	1.18713	1.18713	0.144164	1.38975	1.38975	0.621009	0.90073	-1.11021	0.103821	1.45226	1.45226	0.0637655	0.645864	-1.54831	0.682245	1.09019	1.09019	0.0538603	0.631803	-1.58277	2.29743	1.60122	0.619522	1
cg26039623	RBM47;RBM47	0.12776	0.178991	0.498023	-2.00794	0.204926	0.520417	-1.92153	0.870213	0.923258	-1.08312	0.565036	0.752748	-1.32847	0.0343464	0.299589	-3.33791	0.0410513	0.316261	-3.16195	0.0139755	0.227123	-4.40289	0.212479	0.526644	-1.89881	0.26413	0.566446	-1.76539	2.29742	8.67589	3.35677	1
cg22564731	PXN;PXN;PXN	0.12776	0.0467282	0.694584	-1.43971	0.0649438	1.39335	1.39335	0.919255	1.01636	1.01636	0.555779	0.909039	-1.10006	0.0688137	0.721848	-1.38533	0.0578383	0.709467	-1.40951	0.591473	0.916941	-1.09058	0.898288	1.02068	1.02068	0.431704	0.879471	-1.13705	2.29742	0.932041	0.360614	1
cg15157945	NBEAL2	0.127762	0.701818	1.1469	1.1469	0.909238	1.04147	1.04147	0.00637322	0.282257	-3.54288	0.232223	0.639943	-1.56264	0.23934	0.644675	-1.55117	0.326845	1.43425	1.43425	0.627582	0.840146	-1.19027	0.305583	1.45931	1.45931	0.526974	0.795822	-1.25656	2.2974	4.61878	1.78706	1
cg05141578	SUFU	0.127764	0.523456	0.676999	-1.47711	0.0128927	6.44005	6.44005	0.0407572	4.15755	4.15755	0.625064	0.742956	-1.34598	0.312031	0.532101	-1.87934	0.979155	1.01589	1.01589	0.358057	0.565429	-1.76857	0.694694	1.26867	1.26867	0.945398	1.04219	1.04219	2.29738	13.242	5.12352	1
cg11596009	OSCP1;OSCP1	0.127764	0.0245071	0.336149	-2.97487	0.666186	0.838121	-1.19314	0.368723	0.686847	-1.45593	0.843259	1.08388	1.08388	0.151031	0.534682	-1.87027	0.0601983	0.422105	-2.36908	0.963234	1.01893	1.01893	0.0333317	0.363502	-2.75102	0.0691161	0.437132	-2.28764	2.29738	6.02384	2.3307	1
cg12823233	SNX8	0.127765	0.0789229	0.33989	-2.94213	0.020763	0.214437	-4.66338	0.0284022	0.239088	-4.18256	0.742332	1.20019	1.20019	0.094426	0.36171	-2.76465	0.206258	0.478347	-2.09053	0.138263	0.413648	-2.41752	0.560653	0.72221	-1.38464	0.360905	0.594811	-1.68121	2.29738	11.132	4.30713	1
cg04657588	GPRC5C	0.127769	0.453932	0.696589	-1.43557	0.378764	0.651815	-1.53418	0.00807003	4.99377	4.99377	0.569904	0.761727	-1.31281	0.350922	0.634426	-1.57623	0.439574	0.688239	-1.45298	?	?	?	0.556091	1.32603	1.32603	0.455012	1.43428	1.43428	2.3186	7.33258	3.1625	1
cg10084383	KSR2	0.127769	0.180776	0.508629	-1.96607	0.859967	1.08764	1.08764	0.622892	1.26592	1.26592	0.36684	0.643378	-1.5543	0.13909	0.468887	-2.13271	0.287342	0.591227	-1.6914	0.0157898	0.244893	-4.08341	0.021872	0.270177	-3.70128	0.292838	0.595024	-1.68061	2.29734	8.23446	3.18609	1
cg03844894	ACTC1	0.127773	0.312507	2.12733	2.12733	0.883748	1.11151	1.11151	0.315336	0.472286	-2.11736	0.730154	1.28426	1.28426	0.185904	2.75495	2.75495	0.259048	2.34154	2.34154	0.00665092	12.7386	12.7386	0.0932447	3.79665	3.79665	0.351233	2.00014	2.00014	2.29731	18.9953	7.34977	1
cg05696811	JPH3	0.127773	0.346443	0.50121	-1.99517	0.0328868	5.917	5.917	0.785963	1.214	1.214	0.34735	1.99243	1.99243	0.130783	0.312724	-3.19771	0.499397	0.613565	-1.62982	0.17476	0.357615	-2.7963	0.0671993	0.231914	-4.31194	0.405984	0.545714	-1.83246	2.2973	18.4664	7.14516	1
cg22967283	KIAA0415	0.12778	0.166947	0.788136	-1.26882	0.0293531	1.5139	1.5139	0.168693	1.26742	1.26742	0.247324	1.21586	1.21586	0.258166	0.826423	-1.21003	0.0545239	1.42256	1.42256	0.356015	1.1658	1.1658	0.580826	1.0943	1.0943	0.533322	1.10733	1.10733	2.29725	0.949941	0.367566	1
cg07691484	TSPAN4;TSPAN4;POLR2L;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.12778	0.589394	1.22453	1.22453	0.0558386	0.446922	-2.23753	0.0342881	0.399312	-2.50431	0.17578	0.585585	-1.70769	?	?	?	0.70552	1.15157	1.15157	0.316751	1.46925	1.46925	?	?	?	0.589316	1.22458	1.22458	2.34467	3.99131	1.94547	1
cg19455171	WDR25;WDR25	0.127784	0.0698561	0.31827	-3.14198	0.0378668	3.89535	3.89535	0.260123	1.94135	1.94135	0.54025	0.704573	-1.4193	0.184284	0.451412	-2.21527	0.420858	1.59109	1.59109	0.663483	1.2805	1.2805	0.480668	1.49909	1.49909	0.145375	0.413532	-2.4182	2.29722	11.6045	4.49025	1
cg22185268	COMMD4	0.127784	0.235596	0.201661	-4.95881	0.0871549	11.3943	11.3943	0.162949	6.81047	6.81047	0.407698	0.335899	-2.97708	0.146813	7.43251	7.43251	0.450871	0.37173	-2.69012	0.670911	1.73422	1.73422	0.649907	1.8015	1.8015	0.0200418	37.1368	37.1368	2.29722	60.3714	23.3602	1
cg12144573	ATP11A;ATP11A	0.127787	0.143514	0.482782	-2.07133	0.434868	0.691351	-1.44644	0.200118	0.534189	-1.872	0.124034	0.462266	-2.16326	0.00492096	0.178014	-5.61755	0.188035	0.524012	-1.90835	0.995495	1.00262	1.00262	0.988876	1.00648	1.00648	0.223442	0.552903	-1.80863	2.2972	7.80821	3.02135	1
cg09012594	NEBL	0.127787	0.483561	1.66076	1.66076	0.00347612	16.8729	16.8729	0.0980606	3.64338	3.64338	0.989351	0.990537	-1.00955	0.180155	2.75682	2.75682	0.418028	1.80329	1.80329	0.304923	2.13171	2.13171	0.677476	1.34715	1.34715	0.39535	1.85929	1.85929	2.29719	18.4681	7.14614	1
cg05896813	MAGED1;MAGED1;MAGED1	0.127789	0.0427835	0.337429	-2.96359	0.2818	1.6839	1.6839	0.947363	1.03124	1.03124	0.805343	1.12191	1.12191	0.277134	0.590611	-1.69316	0.131431	0.468269	-2.13552	0.0795494	2.47601	2.47601	0.0951803	0.425619	-2.34952	0.667593	1.22297	1.22297	2.29718	7.89708	3.05576	1
cg15273368	TMEM180	0.127791	0.00370551	0.114716	-8.7172	0.86572	1.09796	1.09796	0.912575	1.06252	1.06252	0.55871	1.38615	1.38615	0.415704	1.58304	1.58304	0.707221	1.23164	1.23164	0.476834	0.670709	-1.49096	0.305081	0.556311	-1.79756	0.81455	0.87832	-1.13854	2.29716	11.0928	4.29237	1
cg07790638	C4orf21	0.127793	0.749031	0.799467	-1.25083	0.00927735	0.100067	-9.99334	0.784033	1.21114	1.21114	0.176653	2.72238	2.72238	0.336998	0.501458	-1.99418	0.347356	0.509307	-1.96345	0.802367	1.19109	1.19109	0.134912	3.07659	3.07659	0.912684	0.926367	-1.07949	2.29714	17.689	6.84485	1
cg00834319	ZBTB25;ZBTB1;ZBTB1	0.127795	0.672466	1.05927	1.05927	0.379953	0.88518	-1.12971	0.0149398	1.49972	1.49972	0.0695404	0.759651	-1.31639	0.348107	1.13976	1.13976	0.156088	1.22812	1.22812	0.657076	1.06237	1.06237	0.84997	0.974683	-1.02598	0.569707	0.925147	-1.08091	2.29713	0.667168	0.258165	1
cg17871792	LOC400657	0.127796	0.638116	0.580257	-1.72337	0.0614352	11.2557	11.2557	0.108981	7.45005	7.45005	0.907034	1.14364	1.14364	0.0316359	0.0553075	-18.0807	0.484632	0.442221	-2.26131	?	?	?	0.349835	3.02121	3.02121	0.549393	2.00561	2.00561	2.31837	43.0816	18.5827	1
cg25188032	SLITRK1	0.127797	0.490936	0.810968	-1.23309	0.806791	1.07614	1.07614	0.0108658	2.60577	2.60577	0.850848	1.05799	1.05799	0.463018	1.25071	1.25071	0.104583	0.587857	-1.70109	0.876458	0.954479	-1.04769	0.781946	0.920267	-1.08664	0.0905003	1.74817	1.74817	2.29711	3.26275	1.26255	1
cg26558435	ANO9	0.1278	0.653692	0.808984	-1.23612	0.627192	0.794739	-1.25828	0.00631958	0.188398	-5.3079	0.799264	0.887264	-1.12706	0.119044	0.451972	-2.21252	0.303305	0.606239	-1.64951	0.0836509	0.4071	-2.4564	0.493554	1.38594	1.38594	0.201373	0.530814	-1.8839	2.29709	8.01599	3.10189	1
cg21879513	COL20A1	0.127802	0.0316528	0.267323	-3.7408	0.936329	0.959024	-1.04273	0.0383251	0.284525	-3.51463	0.42695	0.653921	-1.52924	0.0580264	0.325622	-3.07104	0.784542	1.15433	1.15433	0.0367416	0.280642	-3.56326	0.200638	0.4927	-2.02963	0.380967	0.624635	-1.60094	2.29707	9.97668	3.86064	1
cg18804080	TOP2B	0.127802	0.504317	0.876805	-1.1405	0.49505	0.874214	-1.14388	0.233271	0.784667	-1.27443	0.333798	1.2134	1.2134	0.783626	0.947993	-1.05486	0.654154	1.09144	1.09144	0.00602881	0.498512	-2.00597	0.195524	0.766729	-1.30424	0.417488	1.17441	1.17441	2.29707	1.36965	0.53001	1
cg03275910	HEATR2	0.127803	0.749939	0.927824	-1.07779	0.108318	1.50744	1.50744	0.788556	1.065	1.065	0.248801	0.753958	-1.32633	0.660055	1.10926	1.10926	0.718514	0.918696	-1.0885	0.00552654	2.34972	2.34972	0.864141	1.04094	1.04094	0.786803	0.938463	-1.06557	2.29707	1.99678	0.772687	1
cg10864394	MMP3	0.127804	0.0571051	0.226707	-4.41098	0.0144243	0.125066	-7.99578	0.0597239	0.231104	-4.32705	0.217065	0.408428	-2.44841	0.0907447	0.276703	-3.61399	0.131313	0.325241	-3.07464	0.974782	0.978442	-1.02203	0.14733	0.342312	-2.92131	0.44069	0.581516	-1.71964	2.29705	17.2937	6.69211	1
cg09138207	MAML2	0.127804	0.448997	0.805627	-1.24127	0.0347194	0.501768	-1.99295	0.0866881	0.588558	-1.69907	0.592653	1.16333	1.16333	0.963158	1.01302	1.01302	0.493253	1.21522	1.21522	0.548652	1.18532	1.18532	0.0647465	1.78806	1.78806	0.166134	0.661224	-1.51235	2.29705	2.85502	1.10481	1
cg21769117	CLIC1	0.127806	0.532132	0.774879	-1.29052	0.848856	0.925986	-1.07993	0.208054	0.585683	-1.70741	0.189447	0.571082	-1.75106	0.388198	1.42824	1.42824	0.219723	1.68224	1.68224	0.0276191	2.8568	2.8568	0.387356	1.42919	1.42919	0.0961995	0.478902	-2.08811	2.29704	5.90957	2.28684	1
cg06545967	RING1	0.127808	0.342939	0.847659	-1.17972	0.235155	1.23427	1.23427	0.849347	0.968344	-1.03269	0.208184	1.25165	1.25165	0.816828	0.961512	-1.04003	0.0275005	0.643376	-1.5543	0.119965	1.33023	1.33023	0.091102	1.37	1.37	0.675089	0.93117	-1.07392	2.29702	1.041	0.402842	1
cg10624914	ADPRHL1;ADPRHL1	0.127809	0.0151369	0.125656	-7.95824	0.742635	0.795317	-1.25736	0.508165	1.5945	1.5945	0.671585	0.743493	-1.345	0.139625	0.331278	-3.01861	0.0943167	0.278514	-3.59048	0.170031	0.362141	-2.76135	0.123508	0.313641	-3.18836	0.0547667	0.220005	-4.54535	2.29701	17.573	6.80035	1
cg18146398	CCR1	0.12781	0.280098	1.40255	1.40255	0.0637706	0.533725	-1.87363	0.0233937	0.442158	-2.26163	0.196477	0.662662	-1.50906	0.568875	0.840728	-1.18945	0.089451	0.568824	-1.75801	0.303623	1.37854	1.37854	0.85032	0.94467	-1.05857	0.387795	0.765902	-1.30565	2.297	3.30253	1.278	1
cg12024050	DPYSL2	0.127811	0.850185	1.10709	1.10709	0.248767	1.91295	1.91295	0.178959	2.15582	2.15582	0.782533	1.16052	1.16052	0.68565	1.24476	1.24476	0.480367	0.679788	-1.47105	0.0226383	4.34237	4.34237	0.0112564	5.51977	5.51977	0.405247	1.58117	1.58117	2.297	10.5312	4.07535	1
cg12222525	CLCC1;CLCC1	0.127811	0.900509	0.954136	-1.04807	0.356592	0.70053	-1.42749	0.917638	0.961916	-1.03959	0.648016	0.841531	-1.18831	0.189803	0.593751	-1.68421	0.167288	0.57546	-1.73774	0.018671	2.91576	2.91576	0.119153	1.88671	1.88671	0.268787	0.648992	-1.54085	2.297	5.12594	1.98363	1
cg21233897	TFEB;TFEB	0.127812	0.0406573	0.313616	-3.18862	0.18116	0.498322	-2.00673	0.0425788	0.318061	-3.14405	0.287833	1.71843	1.71843	0.265466	0.565899	-1.7671	0.165969	0.484427	-2.06429	0.106395	0.421035	-2.3751	0.510659	1.3873	1.3873	0.207537	0.520978	-1.91947	2.29699	8.75673	3.38868	1
cg03840075	SNORD116-2	0.127812	0.710631	1.231	1.231	0.0192724	0.206247	-4.84856	0.305174	1.80788	1.80788	0.347382	1.71531	1.71531	0.0800145	0.338499	-2.95422	0.348545	1.71294	1.71294	0.9175	0.943855	-1.05948	0.264923	1.91164	1.91164	0.269503	0.526619	-1.8989	2.29699	11.3143	4.3784	1
cg03116364	TNFRSF21	0.127813	0.875789	1.02599	1.02599	0.249728	0.820924	-1.21814	0.159528	1.27964	1.27964	0.672801	0.932694	-1.07216	0.0444021	1.46043	1.46043	0.468789	1.12852	1.12852	0.0277578	1.53222	1.53222	0.946427	0.989037	-1.01108	0.19122	0.796923	-1.25483	2.29698	0.978913	0.378821	1
cg20548261	PQLC1;PQLC1;PQLC1	0.127817	0.349133	0.643384	-1.55428	0.382127	1.507	1.507	0.883419	0.935067	-1.06944	0.422283	1.45508	1.45508	0.00965121	0.223428	-4.47572	0.396924	1.48722	1.48722	0.101273	2.27282	2.27282	0.891001	0.939191	-1.06475	0.550735	0.758652	-1.31813	2.29695	7.61613	2.94734	1
cg04220072	FBXL19	0.127818	0.500349	0.828204	-1.20743	0.219558	0.700658	-1.42723	0.112424	0.621138	-1.60995	0.286549	0.737163	-1.35655	0.0189786	0.457173	-2.18736	0.0521462	1.83799	1.83799	0.755826	0.917638	-1.08975	0.562403	0.850966	-1.17514	0.971523	0.990212	-1.00988	2.29694	2.76206	1.06889	1
cg13165140	TAP1;PSMB8	0.12782	0.255957	0.762074	-1.31221	0.409987	0.824431	-1.21296	0.488482	0.85108	-1.17498	0.0784841	0.639018	-1.5649	0.602991	1.12776	1.12776	0.134723	1.447	1.447	0.0880883	1.53919	1.53919	0.101193	1.50871	1.50871	0.255855	0.762026	-1.31229	2.29692	1.90984	0.739092	1
cg19847271	PRIM1	0.127822	0.407893	1.15103	1.15103	0.0605135	1.42144	1.42144	0.755406	0.949403	-1.05329	0.306127	1.1925	1.1925	0.99	1.00208	1.00208	0.0106592	1.70481	1.70481	0.476139	0.886578	-1.12793	0.0858516	1.37082	1.37082	0.251523	1.22024	1.22024	2.2969	1.00431	0.388662	1
cg15167155	ZNF347	0.127824	0.650476	1.0918	1.0918	0.240538	0.789314	-1.26692	0.237617	0.78804	-1.26897	0.352538	1.20226	1.20226	0.555942	1.12152	1.12152	0.1732	0.756498	-1.32188	0.0554716	0.658405	-1.51882	0.0411669	0.635339	-1.57396	0.18288	1.31278	1.31278	2.29689	1.34866	0.521928	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15283028	L3MBTL2	0.127825	0.147401	0.608626	-1.64304	0.48092	0.795455	-1.25714	0.723332	0.892673	-1.12023	0.0233133	0.420694	-2.37702	0.613092	1.17689	1.17689	0.141777	1.6563	1.6563	0.887341	1.04632	1.04632	0.228072	1.49797	1.49797	0.128512	1.69006	1.69006	2.29688	3.71142	1.43631	1
cg02133140	MYOM2	0.127827	0.0313128	0.497417	-2.01039	0.827162	0.94134	-1.06232	0.276803	0.73147	-1.36711	0.936514	1.02227	1.02227	0.202312	0.689257	-1.45084	0.169385	0.667175	-1.49886	0.0340705	1.98136	1.98136	0.474695	0.817933	-1.22259	0.310518	0.748198	-1.33654	2.29686	2.78009	1.0759	1
cg13423151	NIPSNAP3B;NIPSNAP3B	0.127831	0.540239	0.907213	-1.10228	0.0470922	0.699868	-1.42884	0.573818	0.914615	-1.09336	0.35789	0.86201	-1.16008	0.354516	0.861058	-1.16136	0.0350558	0.679993	-1.4706	0.0940232	1.33531	1.33531	0.219948	1.22454	1.22454	0.700423	0.94109	-1.0626	2.29684	0.897244	0.347239	1
cg03275130	B3GAT3	0.127834	?	?	?	0.094703	2.38939	2.38939	0.139472	2.12593	2.12593	0.791141	1.13414	1.13414	0.917904	1.05011	1.05011	0.655222	0.808039	-1.23756	0.014035	0.237324	-4.21364	0.702085	0.833377	-1.19994	0.696229	1.20451	1.20451	2.31805	7.3399	3.16641	1
cg02583465	TRIM31	0.127835	0.0369276	0.131666	-7.595	0.485682	0.552825	-1.80889	0.131747	0.256353	-3.90087	0.217929	0.338119	-2.95753	0.0113335	0.0704551	-14.1934	0.117157	0.240756	-4.15358	0.0916403	0.211414	-4.73005	0.957784	0.956678	-1.04528	0.321988	0.42486	-2.35371	2.2968	25.4629	9.85444	1
cg00560277	GLI3	0.12784	0.804189	1.08027	1.08027	0.097149	1.76099	1.76099	0.27516	0.702659	-1.42316	0.770784	0.913196	-1.09505	0.123399	1.67989	1.67989	0.0311295	2.19525	2.19525	0.745638	0.903778	-1.10647	0.0484406	2.01541	2.01541	0.172689	1.57	1.57	2.29676	3.51426	1.36009	1
cg09844907	MPV17L;MPV17L;MPV17L;MPV17L	0.127843	0.16405	0.741292	-1.349	0.0677876	1.51052	1.51052	0.747611	1.06726	1.06726	0.0507647	0.638461	-1.56627	0.250394	0.784947	-1.27397	0.305987	0.807608	-1.23822	0.262556	1.26554	1.26554	0.462048	1.16293	1.16293	0.174988	0.747652	-1.33752	2.29673	1.47841	0.572181	1
cg20368988	FOXF1	0.127844	0.347778	0.890678	-1.12274	0.0364732	1.33795	1.33795	0.0385448	1.33245	1.33245	0.485561	1.08857	1.08857	0.387211	1.11198	1.11198	0.810111	1.02925	1.02925	0.0792814	0.791912	-1.26277	0.912058	0.986856	-1.01332	0.603992	0.939259	-1.06467	2.29673	0.52169	0.201907	1
cg07137006	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.127845	0.0258705	0.595547	-1.67913	0.624584	0.907895	-1.10145	0.814608	1.04709	1.04709	0.176914	1.32472	1.32472	0.310661	0.814228	-1.22816	0.280194	0.80258	-1.24598	0.560681	1.12217	1.12217	0.344712	1.21006	1.21006	0.0608316	1.51288	1.51288	2.29672	1.39616	0.540349	1
cg10675058	MACROD1	0.127846	0.321006	0.852385	-1.17318	0.284708	1.18899	1.18899	0.209799	0.813924	-1.22862	0.0438469	0.697077	-1.43456	0.0709985	0.730376	-1.36916	0.710004	0.943477	-1.05991	0.998505	0.999708	-1.00029	0.567456	1.09421	1.09421	0.024929	0.659878	-1.51543	2.29671	0.882619	0.341597	1
cg05243705	PHF10;PHF10	0.127853	0.603769	0.8927	-1.1202	0.429588	1.19101	1.19101	0.333099	1.24165	1.24165	0.931247	0.981467	-1.01888	0.618193	0.896794	-1.11508	0.0703092	1.55051	1.55051	0.0146854	0.521431	-1.9178	0.686449	0.915782	-1.09196	0.157494	0.720593	-1.38775	2.29665	1.70943	0.661614	1
cg21584759	NFIC;NFIC	0.127854	0.251632	1.63772	1.63772	0.634351	0.820902	-1.21817	0.65973	1.20021	1.20021	0.761307	1.1337	1.1337	0.123435	1.98838	1.98838	0.560748	1.27415	1.27415	0.0184671	3.24499	3.24499	0.0180689	3.26352	3.26352	0.117628	2.01371	2.01371	2.29664	6.17096	2.3884	1
cg02693118	ZNF512	0.127857	0.362772	0.551714	-1.81253	0.0415166	0.224364	-4.45703	0.0390755	0.219056	-4.56503	0.641246	0.74203	-1.34765	0.0563719	0.253166	-3.94998	0.37629	0.561421	-1.7812	0.0484907	0.238551	-4.19198	0.377462	1.77854	1.77854	0.250029	0.465662	-2.14748	2.29662	14.704	5.69108	1
cg09252315	LACTB;LACTB	0.127858	0.792845	1.10177	1.10177	0.678979	0.857915	-1.16562	0.0431517	2.35543	2.35543	0.183041	1.68246	1.68246	0.458115	0.757132	-1.32077	?	?	?	0.727013	1.13776	1.13776	0.021605	2.76169	2.76169	0.0999891	1.94201	1.94201	2.31785	4.42478	1.909	1
cg11067714	PURA	0.127861	0.898316	0.9359	-1.06849	0.0121981	5.04448	5.04448	0.0717396	2.83433	2.83433	0.169788	2.13348	2.13348	0.988808	0.992758	-1.00729	0.451317	1.48834	1.48834	0.156309	0.455765	-2.19411	0.271338	1.81009	1.81009	0.917425	1.05521	1.05521	2.29659	9.76598	3.7799	1
cg05652668	LUC7L2;LUC7L2	0.127861	0.0558492	2.95901	2.95901	0.453311	0.682115	-1.46603	0.712402	1.20372	1.20372	0.0981215	2.48073	2.48073	0.372275	0.632093	-1.58205	0.0439148	0.313608	-3.18869	0.293362	1.72607	1.72607	0.449767	1.47061	1.47061	0.251609	1.82173	1.82173	2.29658	9.12132	3.53039	1
cg07530530	MPRIP;MPRIP	0.127862	0.114366	0.395043	-2.53137	0.10242	0.380385	-2.62892	0.310259	0.566758	-1.76442	0.626969	0.767305	-1.30326	0.011098	0.178683	-5.59649	0.425158	0.643746	-1.55341	0.0214537	0.224402	-4.45628	0.772185	0.854707	-1.16999	0.335565	0.584478	-1.71093	2.29658	10.6384	4.11758	1
cg23907108	NRXN2;NRXN2;NRXN2	0.127864	0.252658	1.45177	1.45177	0.153797	0.621006	-1.61029	0.134721	1.65388	1.65388	0.0612403	1.93097	1.93097	0.0450142	0.487886	-2.04966	0.537376	1.21513	1.21513	0.610016	0.851725	-1.17409	0.404626	0.766406	-1.30479	0.990249	0.996195	-1.00382	2.29656	3.54048	1.37035	1
cg09577907	CYP19A1;CYP19A1	0.127868	0.720477	1.24337	1.24337	0.164501	0.406921	-2.45748	0.126834	0.367469	-2.72131	0.969538	0.977115	-1.02342	0.0176734	0.173869	-5.75147	0.766233	1.19812	1.19812	0.837004	0.882597	-1.13302	0.299445	0.521029	-1.91928	0.0205321	0.184168	-5.42982	2.29653	13.3681	5.17423	1
cg03420286	PRTG;PRTG	0.12787	0.884846	0.982881	-1.01742	0.0328227	1.34647	1.34647	0.106658	1.23355	1.23355	0.121886	0.818904	-1.22114	0.961363	0.994245	-1.00579	0.773856	1.03492	1.03492	0.910138	1.01354	1.01354	0.0264116	1.36842	1.36842	0.688007	1.04927	1.04927	2.29651	0.516369	0.199866	1
cg22127773	KDM6B	0.12787	0.340341	0.672392	-1.48723	0.0174041	3.22053	3.22053	0.0857278	2.15358	2.15358	0.173567	1.79471	1.79471	0.348204	1.47715	1.47715	0.854525	1.07695	1.07695	0.271823	0.629994	-1.58732	0.155436	1.84782	1.84782	0.266105	1.59689	1.59689	2.29651	5.93422	2.2969	1
cg11656663	TMEM183A;TMEM183A;TMEM183B;TMEM183B	0.127873	0.611353	0.894342	-1.11814	0.229903	0.759951	-1.31587	0.0208884	0.545658	-1.83265	0.438028	1.18813	1.18813	0.366794	0.817069	-1.22389	0.0496322	0.613831	-1.62911	0.108349	0.682704	-1.46476	0.365121	0.816461	-1.2248	0.0439003	0.603722	-1.65639	2.29649	1.72704	0.668477	1
cg24358467	AFAP1;AFAP1	0.127874	0.365958	0.67359	-1.48458	0.0171701	3.43971	3.43971	0.213952	1.74481	1.74481	0.704658	1.17586	1.17586	0.042048	0.36915	-2.70893	0.690596	1.18554	1.18554	0.543722	0.769939	-1.2988	0.629918	0.813397	-1.22941	0.740793	1.15168	1.15168	2.29648	6.58192	2.54764	1
cg19389001	SEMA5B	0.127876	0.811318	1.14137	1.14137	0.417593	0.632545	-1.58091	0.0916818	0.358171	-2.79197	0.521222	0.698034	-1.43259	0.594445	1.34596	1.34596	0.196137	2.12918	2.12918	0.0161081	5.09422	5.09422	0.146966	2.36451	2.36451	0.747757	0.836605	-1.19531	2.29646	11.1182	4.30352	1
cg27215768	PIK3AP1	0.127877	0.328839	1.76093	1.76093	0.0701719	0.320913	-3.11611	0.104986	0.36984	-2.70387	0.123548	2.55123	2.55123	0.0424926	0.269383	-3.71219	0.638685	1.30412	1.30412	0.219814	0.484608	-2.06352	0.851682	0.900243	-1.11081	0.458326	0.654426	-1.52806	2.29645	11.4654	4.43793	1
cg20428976	TTR	0.127879	0.0543365	0.662606	-1.50919	0.945662	0.987234	-1.01293	0.325603	1.21086	1.21086	0.449957	1.15617	1.15617	0.015392	0.570896	-1.75163	0.20082	0.775161	-1.29005	0.471356	1.1481	1.1481	0.603418	0.905931	-1.10384	0.247234	0.796079	-1.25616	2.29644	1.29233	0.500225	1
cg13724788	NCAN	0.127879	0.836686	1.052	1.052	0.0246001	0.51819	-1.9298	0.0419297	0.562295	-1.77843	0.416385	1.22628	1.22628	0.844585	0.952945	-1.04938	0.876975	0.962671	-1.03878	0.0345439	0.5459	-1.83184	0.85125	0.954945	-1.04718	0.210638	0.723301	-1.38255	2.29644	2.19347	0.849032	1
cg24335895	COX7A1	0.127881	0.792672	0.839426	-1.19129	0.0296969	5.4766	5.4766	0.0577881	4.15955	4.15955	0.253136	0.45245	-2.21019	0.406004	0.568429	-1.75923	0.430398	1.70711	1.70711	0.485172	0.624186	-1.60209	0.0935034	3.40669	3.40669	0.565711	0.679899	-1.47081	2.29642	16.0585	6.21587	1
cg08612601	ZBTB12	0.127882	0.711262	0.950509	-1.05207	0.0470484	1.36381	1.36381	0.0269136	1.43012	1.43012	0.5389	0.918575	-1.08864	0.340553	1.14349	1.14349	0.404274	0.890029	-1.12356	0.280071	0.857882	-1.16566	0.711214	0.9505	-1.05208	0.122126	1.25701	1.25701	2.29641	0.677813	0.262366	1
cg15832094	SFRS8	0.127884	0.572693	1.26276	1.26276	0.0812585	0.453369	-2.20571	0.587835	0.79934	-1.25103	0.326773	1.51341	1.51341	0.736569	1.14819	1.14819	0.472371	1.34874	1.34874	0.0166785	3.30741	3.30741	0.0610476	2.37271	2.37271	0.913035	1.04573	1.04573	2.2964	6.09261	2.35833	1
cg12121162	UTRN	0.127886	0.0869279	0.404748	-2.47067	0.628581	1.26265	1.26265	0.667399	1.22978	1.22978	0.627307	0.79129	-1.26376	0.688873	0.824843	-1.21235	0.0591229	0.360757	-2.77195	0.0210595	0.26512	-3.77188	0.0397526	0.320618	-3.11898	0.833758	0.904334	-1.10579	2.29638	8.32535	3.2226	1
cg08747277	MANEA	0.127888	0.178976	0.400567	-2.49646	0.251787	2.15375	2.15375	?	?	?	0.879835	1.1018	1.1018	0.0253697	0.182122	-5.49084	0.215926	2.30376	2.30376	0.934398	0.948612	-1.05417	0.0927458	3.27191	3.27191	0.996863	0.997484	-1.00252	2.3176	13.3983	5.78108	1
cg21006031	LYPD3	0.127889	0.258489	2.04814	2.04814	0.0952093	3.04892	3.04892	0.920136	1.06288	1.06288	0.738153	0.81545	-1.22632	0.0662793	0.285767	-3.49935	0.0998678	0.334046	-2.9936	0.275182	0.50141	-1.99437	0.732604	1.23188	1.23188	0.0824915	3.22046	3.22046	2.29636	13.4479	5.20551	1
cg00289081	MIAT	0.127893	0.0733393	1.63691	1.63691	0.256034	1.33993	1.33993	0.160973	0.69106	-1.44705	0.100035	1.56012	1.56012	0.158879	0.689604	-1.45011	0.0660029	1.66366	1.66366	0.255504	1.3404	1.3404	0.786667	0.935242	-1.06924	0.918316	1.02564	1.02564	2.29632	2.21521	0.857492	1
cg21624359	FFAR3	0.127898	0.422426	0.649323	-1.54007	0.510421	1.42165	1.42165	0.890625	1.0752	1.0752	0.163808	0.457023	-2.18808	0.0703073	0.344333	-2.90417	0.983631	0.989247	-1.01087	0.0220566	0.235305	-4.2498	0.0336964	0.270609	-3.69536	0.166496	0.459596	-2.17582	2.29628	10.0996	3.90954	1
cg11328455	MIR1289-2;FSTL4	0.127899	0.93879	1.02927	1.02927	0.317591	0.678341	-1.47419	0.00514914	0.249581	-4.00671	0.55612	1.25064	1.25064	0.15328	0.562996	-1.77621	0.769605	0.895533	-1.11665	0.187301	0.591535	-1.69052	0.605197	1.21642	1.21642	0.782277	1.10968	1.10968	2.29627	5.13275	1.98689	1
cg13233534	UAP1;UAP1	0.1279	0.916134	0.985609	-1.0146	0.787736	1.03784	1.03784	0.0473667	1.36643	1.36643	0.41533	0.891745	-1.1214	0.563728	1.08363	1.08363	0.648856	0.938861	-1.06512	0.905817	0.983844	-1.01642	0.00729219	1.60992	1.60992	0.314141	1.15402	1.15402	2.29627	0.688714	0.266603	1
cg08410704	KIAA0195	0.127904	0.335579	0.837003	-1.19474	0.783337	1.05063	1.05063	0.670768	1.07963	1.07963	0.0402444	0.654002	-1.52905	0.0159282	0.589234	-1.69712	0.59274	1.10158	1.10158	0.510328	1.12711	1.12711	0.676434	0.927553	-1.07811	0.218355	1.26112	1.26112	2.29623	1.16766	0.452009	1
cg23255964	TMEM173	0.127907	0.0234724	0.227898	-4.38793	0.922038	1.05495	1.05495	0.0447955	0.284061	-3.52037	0.118814	0.39649	-2.52213	0.0828468	0.350129	-2.85609	0.351568	0.592235	-1.68852	0.0867768	0.35573	-2.81112	0.699925	1.23568	1.23568	0.153667	0.434013	-2.30408	2.29621	10.8581	4.20329	1
cg22631127	SAP30	0.127907	0.0300854	2.03337	2.03337	0.34974	1.30707	1.30707	0.0117133	2.40163	2.40163	0.934791	0.977492	-1.02303	0.725941	0.906734	-1.10286	0.990225	0.996598	-1.00341	0.32144	1.32973	1.32973	0.17886	1.4878	1.4878	0.118846	1.60153	1.60153	2.2962	2.81462	1.08957	1
cg10215032	MYT1L	0.12791	0.346487	0.56899	-1.7575	0.0737042	3.18881	3.18881	0.424232	1.60753	1.60753	0.912198	0.937857	-1.06626	0.0574303	0.28651	-3.49029	0.815853	0.873115	-1.14532	0.0331962	0.235013	-4.25508	0.414864	1.62382	1.62382	0.355369	0.575224	-1.73845	2.29619	12.3036	4.7629	1
cg07045199	PCOTH;MIPEP;PCOTH	0.12791	0.0306916	0.605513	-1.65149	0.195856	1.31038	1.31038	0.313878	1.22856	1.22856	0.588029	1.11414	1.11414	0.156877	0.741396	-1.34881	0.206816	0.768658	-1.30097	0.250952	1.26751	1.26751	0.798224	1.05193	1.05193	0.136585	0.728371	-1.37293	2.29618	1.42029	0.549818	1
cg01937842	DBNL;DBNL;DBNL	0.127914	0.801874	0.956401	-1.04559	0.975865	1.00538	1.00538	0.90397	1.02163	1.02163	0.741018	1.06057	1.06057	0.304275	1.2076	1.2076	0.248521	1.23847	1.23847	0.00417584	0.506333	-1.97498	0.894953	1.0237	1.0237	0.911672	1.01987	1.01987	2.29615	1.14323	0.442567	1
cg18720718	C12orf70	0.127915	0.170083	0.80059	-1.24908	0.556167	0.913381	-1.09483	0.0511809	0.71321	-1.40211	0.334825	0.859516	-1.16345	0.161405	1.25562	1.25562	0.160322	1.25646	1.25646	0.192427	1.23366	1.23366	0.107526	0.765412	-1.30649	0.845666	0.970774	-1.03011	2.29614	0.842453	0.326133	1
cg03333757	ZNF446	0.127919	0.320115	0.604471	-1.65434	0.0719524	0.373711	-2.67586	0.0373068	0.305953	-3.26847	0.0629497	0.358773	-2.78728	0.305557	0.594611	-1.68177	0.0229731	0.263739	-3.79163	0.741083	0.850036	-1.17642	0.175125	0.493324	-2.02707	0.0674287	0.366373	-2.72946	2.29611	8.73135	3.38015	1
cg16894974	CCPG1;CCPG1	0.127921	0.33623	1.26988	1.26988	0.075754	0.621096	-1.61006	0.989953	1.00304	1.00304	0.0666777	0.6093	-1.64123	0.0186208	1.98843	1.98843	0.997079	0.999118	-1.00088	0.777113	1.07078	1.07078	0.838568	1.05038	1.05038	0.759455	0.928669	-1.07681	2.29609	2.11135	0.817371	1
cg27112742	ACSL1	0.127929	0.710711	1.08226	1.08226	0.33084	1.23725	1.23725	0.137589	0.71228	-1.40394	0.262365	1.28141	1.28141	0.340259	1.23187	1.23187	0.156844	1.3789	1.3789	0.0131953	1.91919	1.91919	0.0981576	1.46947	1.46947	0.246044	1.29357	1.29357	2.29602	1.63707	0.633778	1
cg14266527	LRBA	0.127931	0.0477981	12.9886	12.9886	0.0264899	19.6984	19.6984	0.446309	2.40982	2.40982	0.14985	5.75839	5.75839	0.9533	0.935797	-1.06861	0.469877	0.434735	-2.30025	0.173204	5.16587	5.16587	0.136292	6.16377	6.16377	0.0541778	11.8927	11.8927	2.29601	46.6818	18.0726	1
cg02638909	PURG;PURG;PURG	0.127945	0.0989305	0.632775	-1.58034	0.0173298	0.480404	-2.08158	0.0258948	0.512199	-1.95237	0.902599	0.969505	-1.03145	0.143009	0.671529	-1.48914	0.622651	0.882082	-1.13368	0.967222	1.01045	1.01045	0.0810268	0.613019	-1.63127	0.432196	0.816465	-1.22479	2.2959	2.32679	0.900849	1
cg19378537	TKT;TKT;TKT	0.127947	0.134268	0.556087	-1.79828	0.397155	1.37037	1.37037	0.0257293	2.61855	2.61855	0.179988	1.67779	1.67779	0.522207	0.790007	-1.26581	0.178641	1.68082	1.68082	0.142944	1.7721	1.7721	0.348772	1.41985	1.41985	0.105539	1.90144	1.90144	2.29588	4.80219	1.85925	1
cg07807409	LRP11	0.127948	0.0337448	3.25213	3.25213	0.121946	2.19858	2.19858	0.199216	1.88681	1.88681	0.683904	0.826854	-1.2094	0.203779	0.53383	-1.87326	0.0699839	2.60342	2.60342	0.350346	1.56533	1.56533	0.614661	0.789877	-1.26602	0.316706	0.617035	-1.62065	2.42505	8.09799	2.59724	1
cg25049733	GMDS	0.127948	0.436368	0.703226	-1.42202	0.0149244	0.265198	-3.77077	0.0568761	0.384606	-2.60006	0.490974	1.36369	1.36369	0.125377	0.479282	-2.08645	0.341175	0.647329	-1.54481	0.288743	0.613664	-1.62956	0.1861	0.537102	-1.86184	0.372873	1.50024	1.50024	2.29587	7.14865	2.76773	1
cg26155697	ITGA1	0.127948	0.224791	0.379687	-2.63375	0.257007	0.407174	-2.45595	0.631935	0.693123	-1.44275	0.756469	0.789566	-1.26652	0.00716624	0.071577	-13.971	0.433465	0.544943	-1.83505	0.847341	1.15764	1.15764	0.045909	0.175902	-5.68497	0.0906877	0.242765	-4.11921	2.29587	20.9758	8.12116	1
cg09656511	CCKBR	0.127949	0.452916	1.13611	1.13611	0.138703	1.30474	1.30474	0.294999	1.19872	1.19872	0.0373182	1.49681	1.49681	0.0748587	1.39251	1.39251	0.634169	0.92311	-1.08329	0.0658988	1.41111	1.41111	0.470219	1.13043	1.13043	0.143979	0.769527	-1.2995	2.29586	1.01275	0.392105	1
cg14997715	SUPV3L1	0.12795	0.937484	1.0088	1.0088	0.468148	1.0859	1.0859	0.79864	0.971865	-1.02895	0.457163	1.08821	1.08821	0.0411756	0.768756	-1.3008	0.309086	0.889125	-1.1247	0.274083	1.13548	1.13548	0.768581	1.03349	1.03349	0.0148399	0.715631	-1.39737	2.29586	0.45318	0.175458	1
cg04214966	PRDM8;PRDM8	0.127955	0.617545	1.1443	1.1443	0.00365677	2.86459	2.86459	0.458112	0.816854	-1.22421	0.657714	1.12681	1.12681	0.716719	0.907041	-1.10249	0.830225	1.05918	1.05918	0.588658	1.15741	1.15741	0.182222	1.46094	1.46094	0.661937	0.888872	-1.12502	2.29581	2.60668	1.00925	1
cg00472801	KHDRBS2;KHDRBS2	0.127957	0.027105	13.8937	13.8937	0.0412805	10.6734	10.6734	0.406592	2.34887	2.34887	0.543025	0.538346	-1.85754	0.609899	0.595966	-1.67795	0.787956	0.762499	-1.31148	0.691458	0.669495	-1.49366	0.885154	1.15646	1.15646	0.0368588	11.4569	11.4569	2.2958	36.7844	14.2422	1
cg15821716	XKR9;XKR9;LACTB2	0.127958	0.0084015	0.244584	-4.08857	0.321913	1.53425	1.53425	0.475198	1.35492	1.35492	0.73632	0.868168	-1.15185	0.616736	0.809716	-1.235	0.884933	1.06244	1.06244	0.115302	0.488612	-2.04661	0.569386	0.786209	-1.27193	0.236601	1.67988	1.67988	2.29579	6.36208	2.46329	1
cg16198571	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.127961	0.731305	0.906366	-1.10331	0.827969	0.939817	-1.06404	0.172573	1.51291	1.51291	0.1147	0.613073	-1.63113	0.302852	1.35581	1.35581	0.0451433	1.92622	1.92622	0.15745	0.649755	-1.53904	0.0905875	1.70199	1.70199	0.552851	0.842621	-1.18677	2.29577	2.95771	1.14518	1
cg08443305	CCDC96	0.127962	0.930668	0.949163	-1.05356	0.864602	0.902731	-1.10775	0.04248	4.0584	4.0584	0.404817	0.599859	-1.66706	0.0367943	0.233555	-4.28165	0.0806084	0.312908	-3.19582	0.15498	0.401489	-2.49073	0.596642	1.37746	1.37746	0.7367	0.816823	-1.22425	2.29576	13.0713	5.06103	1
cg15751116	GLI3	0.127964	0.22894	0.694927	-1.439	0.100475	1.67981	1.67981	0.814868	1.06995	1.06995	0.759266	1.09265	1.09265	0.0717869	1.78504	1.78504	0.0769858	1.76273	1.76273	0.373755	0.768595	-1.30108	0.269367	1.39315	1.39315	0.0391209	1.99014	1.99014	2.29574	3.02121	1.16978	1
cg24903703	ZNF707;ZNF707;ZNF707	0.127965	0.341341	0.451749	-2.21362	0.266981	0.390224	-2.56263	0.968553	1.03211	1.03211	0.524223	0.594575	-1.68187	?	?	?	0.269188	0.392109	-2.55031	0.0471062	6.79171	6.79171	0.0565616	6.12437	6.12437	?	?	?	2.64871	19.9729	6.46338	1
cg15867939	SPSB4	0.127965	0.23753	0.838827	-1.19214	0.21366	0.830287	-1.2044	0.0464676	0.723312	-1.38253	0.543246	0.916313	-1.09133	0.0141518	0.650506	-1.53726	0.622697	0.931984	-1.07298	0.0278324	0.691262	-1.44663	0.71646	0.949513	-1.05317	0.867161	1.02406	1.02406	2.29574	0.733492	0.284002	1
cg16429975	ACOT7;ACOT7	0.127965	0.498139	0.738558	-1.35399	0.801838	0.895104	-1.11719	0.740367	1.15782	1.15782	0.212737	1.78303	1.78303	0.0891391	0.437743	-2.28445	0.274805	0.606108	-1.64987	0.0312554	0.328356	-3.04547	0.0272423	0.316165	-3.1629	0.871141	1.07416	1.07416	2.29573	7.06052	2.73377	1
cg16277776	SSU72	0.127965	0.0943223	0.148421	-6.73759	0.219085	3.82147	3.82147	0.916688	1.11464	1.11464	0.922414	0.903891	-1.10633	0.0394402	0.0844863	-11.8362	0.130128	0.183452	-5.45103	0.0446301	0.0914917	-10.93	0.687911	0.657805	-1.52021	0.107169	0.161364	-6.19716	2.29573	39.119	15.1466	1
cg21389621	TMSB4X;TMSL3	0.127965	0.13943	0.430987	-2.32025	0.0176259	0.216972	-4.60888	0.152382	2.25073	2.25073	0.838929	1.11372	1.11372	0.636828	0.777498	-1.28618	0.0552676	0.316682	-3.15774	0.834115	1.11737	1.11737	0.79561	1.14725	1.14725	0.625818	1.297	1.297	2.29573	10.1821	3.94243	1
cg07318050	C1orf57	0.127968	0.181824	1.36934	1.36934	0.251853	0.766828	-1.30407	0.0528155	1.62933	1.62933	0.89496	1.02973	1.02973	0.200634	0.740968	-1.34959	0.167043	0.721293	-1.3864	0.319803	1.2561	1.2561	0.221448	1.32982	1.32982	0.0984234	1.49475	1.49475	2.29571	1.7885	0.692499	1
cg08205686	WHSC2	0.12797	0.63075	0.799246	-1.25118	0.0149515	3.99287	3.99287	0.0264632	3.37856	3.37856	0.460909	1.41529	1.41529	0.352356	0.642224	-1.55709	0.84185	0.91171	-1.09684	0.164589	1.98588	1.98588	0.736086	1.16943	1.16943	0.541015	1.33152	1.33152	2.29569	7.78384	3.01389	1
cg13405678	CACNA1B	0.127971	0.295364	0.569549	-1.75577	0.909141	1.06101	1.06101	0.232643	0.522436	-1.91411	0.510673	0.70744	-1.41355	0.0706432	0.350667	-2.8517	0.735213	0.838549	-1.19254	0.00529596	0.148591	-6.72987	0.132798	0.431148	-2.31939	0.207644	0.501965	-1.99217	2.29568	9.78333	3.7881	1
cg11563844	STARD13;STARD13	0.127982	0.0124128	0.286102	-3.49526	0.229058	0.601942	-1.66129	0.597369	0.807062	-1.23906	0.449686	0.733612	-1.36312	0.025327	0.343287	-2.91301	0.844877	0.924247	-1.08196	0.0611497	0.428046	-2.3362	0.370857	0.691063	-1.44705	0.14082	0.528859	-1.89086	2.29559	5.87961	2.27668	1
cg02127965	CEACAM19;CEACAM19;CEACAM19;CEACAM19	0.127983	0.228833	1.69516	1.69516	0.440087	1.38965	1.38965	0.268181	0.61755	-1.6193	0.0519828	0.39694	-2.51927	0.0157842	0.290531	-3.44197	0.587297	1.25737	1.25737	0.678496	1.1903	1.1903	0.611562	1.23866	1.23866	0.790163	0.89453	-1.11791	2.29558	6.34977	2.45874	1
cg01325188	BANP;BANP	0.127985	0.697702	1.13892	1.13892	0.100056	1.8231	1.8231	0.512808	1.24758	1.24758	0.566182	1.2132	1.2132	0.00994496	0.337892	-2.95953	0.876246	1.05331	1.05331	0.766191	1.10449	1.10449	0.339437	0.720269	-1.38837	0.207663	0.642248	-1.55703	2.29557	4.03794	1.56357	1
cg02718229	EHD2	0.127985	0.0254169	0.553799	-1.80571	0.918915	0.977603	-1.02291	0.337061	0.802378	-1.24629	0.47109	0.849514	-1.17714	0.581073	1.132	1.132	0.190435	0.73459	-1.3613	0.057704	1.61188	1.61188	0.192073	1.35958	1.35958	0.63265	1.11308	1.11308	2.29557	1.79916	0.696668	1
cg13078134	1-Mar	0.127985	0.193082	1.29538	1.29538	0.0145724	1.76005	1.76005	0.152087	1.33415	1.33415	0.153699	1.33243	1.33243	0.0250839	1.6499	1.6499	0.935795	0.984975	-1.01525	0.709772	0.932166	-1.07277	0.317405	1.21433	1.21433	0.900637	1.02375	1.02375	2.29556	1.28364	0.49705	1
cg24995783	ZFP3	0.127986	0.411364	0.75498	-1.32454	0.313499	0.705533	-1.41737	0.472276	0.782995	-1.27715	0.415578	1.32105	1.32105	0.0123934	0.352904	-2.83363	0.0395267	0.450816	-2.2182	0.590641	1.19925	1.19925	0.892401	1.04632	1.04632	0.142296	0.589909	-1.69518	2.29556	4.07035	1.57613	1
cg14846292	C1QL4	0.127988	0.154135	1.48012	1.48012	0.104927	1.57688	1.57688	0.42913	1.23056	1.23056	0.0313703	1.9136	1.9136	0.287112	0.75269	-1.32857	0.225465	1.38708	1.38708	0.504	0.840051	-1.1904	0.0408657	1.83434	1.83434	0.293433	1.3233	1.3233	2.29555	2.40193	0.930081	1
cg15879755	CDK5;CDK5;SLC4A2	0.127988	0.329534	1.16247	1.16247	0.268723	1.18808	1.18808	0.703294	1.05892	1.05892	0.174839	1.24098	1.24098	0.355175	0.867363	-1.15292	0.00930491	1.63821	1.63821	0.30789	0.853931	-1.17105	0.34542	0.864693	-1.15648	0.527991	1.10038	1.10038	2.29554	0.813756	0.315106	1
cg01439112	CTDSPL;CTDSPL	0.127992	0.140708	0.602524	-1.65968	0.777092	0.913249	-1.09499	0.909006	0.964106	-1.03723	0.0628737	0.512182	-1.95243	0.0393558	0.466676	-2.14281	0.361646	0.740967	-1.34959	0.0330738	0.450806	-2.21825	0.0335396	0.452064	-2.21208	0.162655	0.620931	-1.61049	2.29551	3.71623	1.43904	1
cg24706793	SH3D19;SH3D19;SH3D19	0.127994	0.264122	1.82265	1.82265	0.674284	1.24358	1.24358	0.232096	0.523975	-1.90849	0.172065	2.11627	2.11627	0.12134	2.37788	2.37788	0.505407	1.41696	1.41696	0.135998	0.436694	-2.28993	0.0460915	3.25021	3.25021	0.0826847	2.69426	2.69426	2.2955	9.66922	3.74423	1
cg07972488	BIK	0.127994	0.0569295	1.78086	1.78086	0.0131146	2.27972	2.27972	0.040707	1.88306	1.88306	0.340658	1.30087	1.30087	0.318783	1.31784	1.31784	0.319851	1.31699	1.31699	0.749558	1.08958	1.08958	0.605111	0.869603	-1.14995	0.163029	1.4901	1.4901	2.2955	2.60853	1.0101	1
cg04285418	GTDC1	0.127995	0.821534	1.08077	1.08077	0.182779	1.62587	1.62587	0.00786451	3.22967	3.22967	0.552712	1.22935	1.22935	0.897328	0.956588	-1.04538	0.919151	1.03552	1.03552	0.654269	1.16763	1.16763	0.0305322	2.39613	2.39613	0.140115	1.72584	1.72584	2.29549	4.29695	1.66392	1
cg11210652	BICD1;BICD1	0.127995	0.808669	1.04847	1.04847	0.0986789	1.42372	1.42372	0.0207973	1.72098	1.72098	0.162314	0.747471	-1.33784	0.184233	1.31627	1.31627	0.526931	1.13323	1.13323	0.437435	0.856807	-1.16712	0.158518	1.34188	1.34188	0.181216	1.31908	1.31908	2.29548	1.3838	0.535856	1
cg17631042	GOLGA4	0.127996	0.419202	0.733392	-1.36353	0.517939	1.2792	1.2792	0.885324	0.94723	-1.05571	0.888179	0.94852	-1.05427	0.544326	0.794115	-1.25926	0.784071	0.901958	-1.1087	0.00308321	0.218344	-4.57992	0.439509	1.34471	1.34471	0.575306	0.808442	-1.23695	2.29548	5.13073	1.9868	1
cg16854052	PSMA1;PSMA1;PSMA1	0.127997	0.251569	0.844059	-1.18475	0.480183	1.10691	1.10691	0.996047	1.0007	1.0007	0.879355	1.02173	1.02173	0.109196	0.780973	-1.28045	0.343353	0.87096	-1.14816	0.514482	1.09808	1.09808	0.595062	0.926885	-1.07888	0.00955162	1.59127	1.59127	2.29547	0.728249	0.282004	1
cg03103850	TP73;TP73;TP73;TP73	0.127997	0.503841	0.827462	-1.20851	0.737144	1.09861	1.09861	0.0767313	0.577171	-1.73259	0.383584	0.779231	-1.28332	0.122546	0.626768	-1.59549	0.0588281	1.81452	1.81452	0.207616	1.44916	1.44916	0.218496	0.696726	-1.43528	0.145898	0.646695	-1.54632	2.29547	2.83387	1.09738	1
cg11584111	C1orf105;PIGC;PIGC	0.127998	0.818697	0.97484	-1.02581	0.674922	1.04793	1.04793	0.823784	0.975552	-1.02506	0.748593	1.03633	1.03633	0.0183859	1.37366	1.37366	0.265221	1.13753	1.13753	0.0924036	0.814198	-1.2282	0.11996	0.829262	-1.20589	0.276201	0.881874	-1.13395	2.29546	0.447787	0.1734	1
cg05007997	SLC11A1;SLC11A1	0.128008	0.0779597	0.378141	-2.64452	0.192846	0.504457	-1.98233	0.209524	0.518564	-1.9284	0.0805562	0.382007	-2.61775	0.0396837	0.306976	-3.25759	0.16796	0.482097	-2.07427	0.0761911	0.375459	-2.66341	0.0234389	0.26074	-3.83524	0.114702	0.426671	-2.34373	2.29538	8.96198	3.47053	1
cg14664759	KCNT2	0.128008	0.0934926	0.657637	-1.5206	0.945083	1.01577	1.01577	0.703083	1.0909	1.0909	0.0746371	0.636888	-1.57013	0.0822154	0.645695	-1.54872	0.0106458	0.48211	-2.07422	0.732086	1.0812	1.0812	0.572062	0.878346	-1.1385	0.598884	0.886399	-1.12816	2.29538	1.87636	0.726624	1
cg16639691	FLT3	0.128013	0.0295052	0.221449	-4.51571	0.242272	0.486849	-2.05403	0.732858	0.817494	-1.22325	0.455627	0.639588	-1.56351	0.0320406	0.228252	-4.38113	0.190264	0.442258	-2.26112	0.0276001	0.216081	-4.62789	0.0637597	0.293542	-3.40667	0.350847	0.568493	-1.75904	2.29534	12.5758	4.87007	1
cg21847584	PRKCI	0.128015	0.578436	1.14447	1.14447	0.248264	0.748143	-1.33664	0.0408678	0.566984	-1.76372	0.29835	1.29583	1.29583	0.379446	0.805123	-1.24205	0.384237	1.23922	1.23922	0.328147	0.784547	-1.27462	0.0330137	1.82092	1.82092	0.692614	0.908903	-1.10023	2.29532	2.10095	0.813617	1
cg05645360	DCLRE1A;NHLRC2;NHLRC2	0.128017	0.180404	0.69207	-1.44494	0.591909	0.869336	-1.1503	0.221879	1.39406	1.39406	0.453669	0.820769	-1.21837	0.824952	0.944291	-1.059	0.722287	1.09674	1.09674	0.00454207	0.375977	-2.65974	0.958767	0.986711	-1.01347	0.729359	0.914047	-1.09404	2.29531	2.43409	0.942632	1
cg26590603	C6orf154	0.128019	0.0886566	0.392321	-2.54893	0.0200329	4.04751	4.04751	0.321955	1.66488	1.66488	0.203878	1.95047	1.95047	0.186385	0.497636	-2.0095	0.942585	1.03654	1.03654	0.458714	1.45628	1.45628	0.442483	1.47718	1.47718	0.281277	1.747	1.747	2.29529	9.02269	3.49418	1
cg15923947	HES5	0.128019	0.145172	0.64252	-1.55637	0.00945778	0.394597	-2.53423	0.0689702	0.562455	-1.77792	0.371985	0.771685	-1.29587	0.32718	0.751257	-1.3311	0.733395	0.907853	-1.1015	0.062719	0.553127	-1.8079	0.596227	1.16323	1.16323	0.8333	0.942146	-1.06141	2.29529	2.90646	1.12558	1
cg01442104	FNIP2;FNIP2	0.12802	0.162867	0.853492	-1.17166	0.546963	1.06697	1.06697	0.03659	1.29476	1.29476	0.113745	1.20082	1.20082	0.308868	0.894043	-1.11851	0.315434	1.11671	1.11671	0.150046	0.848659	-1.17833	0.684225	1.04444	1.04444	0.268103	0.884551	-1.13052	2.29528	0.41113	0.159218	1
cg11974077	AGAP7	0.128021	0.256022	0.779924	-1.28218	0.270456	0.786203	-1.27194	0.591893	1.12013	1.12013	0.0363259	0.600401	-1.66555	0.644617	1.10227	1.10227	0.78216	1.05983	1.05983	0.025079	1.74832	1.74832	0.846059	0.960071	-1.04159	0.311559	1.24542	1.24542	2.29528	1.59756	0.618684	1
cg04864648	PDHA2	0.128024	0.858305	0.967475	-1.03362	0.264074	1.24035	1.24035	0.594408	1.10455	1.10455	0.422712	1.1636	1.1636	0.32962	0.830149	-1.2046	0.515028	1.12992	1.12992	0.094277	1.40544	1.40544	0.0911188	0.708703	-1.41103	0.0270859	0.616219	-1.6228	2.29525	1.24449	0.481959	1
cg15234271	HPN;HPN;HPN;HPN	0.128025	0.901613	0.955191	-1.04691	0.216914	0.617799	-1.61865	0.422606	0.738138	-1.35476	0.364847	1.4122	1.4122	0.0092623	0.294024	-3.40108	0.931722	0.968735	-1.03227	0.779638	0.901251	-1.10957	0.0959132	1.96962	1.96962	0.604787	1.21352	1.21352	2.29524	4.99475	1.93434	1
cg07068327	GPR123	0.128026	0.158961	0.383896	-2.60487	0.184749	0.409239	-2.44356	0.642183	1.34292	1.34292	0.0278978	0.186505	-5.3618	0.23564	0.454782	-2.19886	0.198413	2.3698	2.3698	?	?	?	0.0653599	0.265588	-3.76524	0.534619	0.672606	-1.48675	2.44436	13.3458	4.77736	1
cg09529433	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.128028	0.597716	1.11939	1.11939	0.0306014	0.583902	-1.71262	0.114892	0.695525	-1.43776	0.495385	1.15791	1.15791	0.809884	0.950237	-1.05237	0.110411	1.44548	1.44548	0.827901	1.04719	1.04719	0.077842	1.51439	1.51439	0.516958	1.1493	1.1493	2.29522	1.63047	0.631448	1
cg23786580	HECW1	0.128028	0.123757	0.376281	-2.65759	0.007109	0.130185	-7.68137	0.0550681	0.279342	-3.57984	0.424825	0.620103	-1.61264	0.0666169	0.29942	-3.33979	0.240281	0.486326	-2.05624	0.292493	0.527114	-1.89712	0.408367	0.609071	-1.64185	0.576836	0.718543	-1.3917	2.29521	12.4966	4.83968	1
cg16024377	SMOC1;SMOC1	0.128031	0.0265467	0.200866	-4.97844	0.077431	0.3017	-3.31455	0.325017	0.537706	-1.85975	0.520291	0.671767	-1.48861	0.0540499	0.263172	-3.79979	0.818856	0.869322	-1.15032	0.143037	0.382545	-2.61407	0.122808	0.360344	-2.77512	0.0267259	0.201383	-4.96566	2.29519	13.5476	5.24675	1
cg20367852	BCL6	0.128032	0.119282	0.666624	-1.5001	0.225329	0.73678	-1.35726	0.27103	1.31638	1.31638	0.552482	1.15507	1.15507	0.0170379	0.497675	-2.00935	0.229692	0.739092	-1.35301	0.85458	1.04499	1.04499	0.455113	1.20021	1.20021	0.280192	1.30902	1.30902	2.29518	2.09173	0.810094	1
cg15133540	RPE;RPE	0.128034	0.491439	1.15388	1.15388	0.071974	0.662741	-1.50888	0.439383	1.1753	1.1753	0.664015	0.914376	-1.09364	0.0747738	0.665982	-1.50154	0.0755783	0.666894	-1.49949	0.329921	1.22865	1.22865	0.150403	1.37124	1.37124	0.333379	1.22674	1.22674	2.29517	1.52482	0.590544	1
ch.1.2541791F	NTNG1;NTNG1;NTNG1	0.128037	0.00536136	0.303001	-3.30032	0.320053	0.715658	-1.39732	0.0486722	0.480376	-2.0817	0.611143	0.846237	-1.1817	0.433714	0.770972	-1.29706	0.191988	0.637818	-1.56785	0.167891	0.619679	-1.61374	0.222959	0.659044	-1.51735	0.877112	0.950864	-1.05168	2.29514	3.85373	1.49252	1
cg20954219	ALK	0.128037	0.044499	0.23297	-4.2924	0.101707	0.322646	-3.09937	0.0518963	0.247446	-4.04128	0.126677	0.352362	-2.83799	0.081828	0.295966	-3.37877	0.310949	0.515876	-1.93845	0.0281606	0.194618	-5.13827	0.159197	0.386774	-2.58549	0.0989891	0.319182	-3.13301	2.29514	14.4901	5.6119	1
cg04260584	REV1;REV1	0.128039	0.0760065	0.556939	-1.79553	0.183576	0.658212	-1.51927	0.176811	0.653389	-1.53048	0.884401	1.04407	1.04407	0.0204533	0.436929	-2.2887	0.677979	0.883578	-1.13176	0.213851	0.678428	-1.47399	0.111802	1.67086	1.67086	0.47176	0.804943	-1.24232	2.29513	3.19405	1.23704	1
cg14081631	TMOD1;TMOD1	0.128039	0.398438	0.735948	-1.35879	0.850445	0.935251	-1.06923	0.192942	1.63008	1.63008	0.409348	0.741382	-1.34883	0.00816113	0.300992	-3.32235	0.898842	1.04614	1.04614	0.954104	1.02062	1.02062	0.623552	1.19177	1.19177	0.141848	1.75087	1.75087	2.29512	4.57157	1.77054	1
cg16914552	HCCA2	0.12804	0.49211	0.785679	-1.27278	0.763854	1.10978	1.10978	0.784807	1.09925	1.09925	0.505767	0.791815	-1.26292	0.00636981	0.293014	-3.41281	0.0768225	0.50646	-1.97449	0.584795	1.21016	1.21016	0.384355	0.734654	-1.36118	0.42304	1.32697	1.32697	2.29512	4.34447	1.6826	1
cg10433918	PUM1;PUM1	0.128042	0.727539	0.855474	-1.16894	0.374516	0.665778	-1.502	0.249228	0.584226	-1.71167	0.103688	2.21258	2.21258	0.299444	0.618825	-1.61597	0.187581	0.536184	-1.86503	0.079027	0.418812	-2.38771	0.0429992	2.82721	2.82721	0.972152	0.984542	-1.0157	2.2951	7.23987	2.80399	1
cg06118609	NLRP10	0.128043	0.0215362	0.124829	-8.01098	0.114777	0.274529	-3.6426	0.311136	0.453914	-2.20306	0.080512	0.231974	-4.31083	0.0380174	0.163175	-6.12839	0.498776	0.595966	-1.67795	0.157816	0.320362	-3.12147	0.0689345	0.215632	-4.63753	0.0872065	0.24089	-4.15127	2.2951	20.6509	7.99806	1
cg06545742	TMEM129;TACC3;TMEM129;TMEM129;TMEM129	0.128043	0.796001	0.915781	-1.09196	0.303459	1.43612	1.43612	0.272445	1.47389	1.47389	0.252408	1.50078	1.50078	0.734338	1.12263	1.12263	0.215839	0.642533	-1.55634	0.0424047	0.452152	-2.21165	0.628812	0.847544	-1.17988	0.0293642	0.418352	-2.39033	2.29509	4.19171	1.62345	1
cg14091752	TMEM39A;TMEM39A	0.128044	0.0697692	0.750234	-1.33292	0.0642722	0.74482	-1.34261	0.460728	0.899047	-1.11229	0.82092	0.968382	-1.03265	0.211989	1.20479	1.20479	0.409865	1.12686	1.12686	0.0665646	0.747126	-1.33846	0.263491	1.17961	1.17961	0.369314	1.13958	1.13958	2.29508	0.729916	0.282697	1
cg11020665	RPLP0;RPLP0	0.128049	0.89689	0.972011	-1.02879	0.134945	0.702678	-1.42313	0.104847	0.678356	-1.47415	0.345136	0.808237	-1.23726	0.383516	1.21611	1.21611	0.219631	0.753802	-1.32661	0.0184314	1.87012	1.87012	0.454757	0.846444	-1.18141	0.848879	0.959092	-1.04265	2.29505	1.74258	0.674916	1
cg26904700	SV2C	0.128049	0.306866	1.17985	1.17985	0.43727	0.883476	-1.13189	0.914399	1.01695	1.01695	0.7081	1.06057	1.06057	0.306388	1.18006	1.18006	0.0677613	1.37699	1.37699	0.0143109	0.623621	-1.60354	0.371288	1.15434	1.15434	0.42795	1.13489	1.13489	2.29504	0.888491	0.34412	1
cg20767025	CCDC136	0.128051	0.126258	1.20557	1.20557	0.563445	1.06824	1.06824	0.358057	0.898693	-1.11273	0.712683	1.04269	1.04269	0.0177588	1.38511	1.38511	0.364688	0.900084	-1.11101	0.196915	0.857119	-1.1667	0.205681	0.859949	-1.16286	0.411155	1.09963	1.09963	2.29503	0.464247	0.179808	1
cg16818145	MCCC1	0.128052	0.0665495	1.5886	1.5886	0.415173	1.20608	1.20608	0.452585	0.841851	-1.18786	0.0502495	1.65225	1.65225	0.247778	0.761974	-1.31238	0.0613683	1.60673	1.60673	0.738788	1.0782	1.0782	0.202906	1.35311	1.35311	0.0919842	1.51789	1.51789	2.29502	1.8397	0.712538	1
cg14589371	TTLL11;TTLL11	0.128054	0.916804	1.01822	1.01822	0.0865351	1.38692	1.38692	0.503561	1.12442	1.12442	0.0286542	1.562	1.562	0.0164156	1.6597	1.6597	0.766058	1.0529	1.0529	0.812113	0.959697	-1.042	0.247078	1.23255	1.23255	0.420435	0.867449	-1.15281	2.295	1.0848	0.420161	1
cg15882999	P4HB	0.128056	0.476739	0.84679	-1.18093	0.104043	1.50459	1.50459	0.109954	1.49253	1.49253	0.248664	1.31939	1.31939	0.420738	1.20812	1.20812	0.0568939	0.60939	-1.64099	0.401715	1.21808	1.21808	0.617945	0.890851	-1.12252	0.0612948	1.62361	1.62361	2.29499	1.92032	0.743772	1
cg12449510	BRI3;BRI3	0.128057	0.499294	1.10522	1.10522	0.186932	0.815419	-1.22636	0.414581	1.12936	1.12936	0.678183	0.940948	-1.06276	0.0145089	0.644495	-1.5516	0.975426	0.995517	-1.0045	0.0685576	0.742744	-1.34636	0.245068	1.19407	1.19407	0.642306	1.07061	1.07061	2.29497	0.773393	0.29955	1
cg11794649	HFM1	0.128058	0.0306904	1.35894	1.35894	0.117666	1.22789	1.22789	0.331516	0.885993	-1.12868	0.179334	1.18807	1.18807	0.543869	1.07705	1.07705	0.518325	0.923932	-1.08233	0.0991508	0.803799	-1.24409	0.516048	0.923522	-1.08281	0.297398	1.13942	1.13942	2.29497	0.530561	0.205497	1
cg08483723	TMEM158	0.128058	0.0753782	1.68716	1.68716	0.961608	1.0128	1.0128	0.303504	1.32522	1.32522	0.0565173	1.769	1.769	0.558174	0.855168	-1.16936	0.706526	0.904893	-1.1051	0.195843	1.43534	1.43534	0.0126697	2.2675	2.2675	0.306105	1.32308	1.32308	2.29497	2.53722	0.98272	1
cg00222601	MAPK9;MAPK9;MAPK9;MAPK9;MAPK9	0.128061	0.242187	1.32633	1.32633	0.658688	1.10801	1.10801	0.795865	0.941938	-1.06164	0.506553	0.855998	-1.16823	0.045419	0.588933	-1.69799	0.0322909	0.560799	-1.78317	0.594912	0.883537	-1.13181	0.102492	1.51022	1.51022	0.500631	1.17084	1.17084	2.29494	1.93483	0.749408	1
cg26997966	RNF214;RNF214	0.128063	0.220318	0.688463	-1.45251	0.171689	0.656068	-1.52423	0.00971253	0.387676	-2.57947	0.36247	0.762514	-1.31145	0.0278613	0.471017	-2.12306	0.704393	0.895463	-1.11674	0.547845	0.838479	-1.19264	0.996961	0.998897	-1.0011	0.0960921	0.588976	-1.69786	2.29493	3.04985	1.18129	1
cg02341556	BCL9L	0.128065	0.865188	0.940366	-1.06342	0.887307	1.05265	1.05265	0.278853	1.50293	1.50293	0.0913941	1.95948	1.95948	0.22735	0.632183	-1.58182	0.387061	0.725556	-1.37825	0.0696343	0.479874	-2.08388	0.0466445	2.28041	2.28041	0.281614	1.49915	1.49915	2.29491	4.75891	1.84327	1
cg18398930	JUP;JUP	0.128065	0.24413	0.414098	-2.41489	0.709217	1.31131	1.31131	0.582085	0.668878	-1.49504	0.11185	0.285718	-3.49996	0.0107355	0.0983179	-10.1711	0.0461	0.19136	-5.22576	0.0730208	0.235346	-4.24906	0.62832	0.702618	-1.42325	0.38409	0.524289	-1.90734	2.29491	19.0267	7.36963	1
cg02631868	HDLBP;HDLBP	0.128066	0.740213	1.07181	1.07181	0.275151	0.789292	-1.26696	0.0585306	0.640553	-1.56115	0.592373	0.893476	-1.11922	0.0305225	0.588731	-1.69857	0.0400069	0.609769	-1.63996	0.195241	1.33044	1.33044	0.324165	0.808794	-1.23641	0.652973	0.909983	-1.09892	2.2949	1.57872	0.611488	1
cg08417687	SNX3;SNX3	0.128067	0.185496	1.28419	1.28419	0.819439	0.960085	-1.04157	0.43145	0.866713	-1.15378	0.126535	1.3424	1.3424	0.990939	1.00203	1.00203	0.0845906	0.711883	-1.40473	0.0271294	0.627512	-1.59359	0.348532	1.18761	1.18761	0.420417	1.15795	1.15795	2.2949	1.15359	0.446824	1
cg01559904	LPAR6;LPAR6;RB1	0.128068	0.225527	0.893288	-1.11946	0.533987	1.05743	1.05743	0.509932	1.06105	1.06105	0.569153	1.05234	1.05234	0.00448649	0.71468	-1.39923	0.574296	1.05161	1.05161	0.930605	1.00775	1.00775	0.465435	0.936261	-1.06808	0.949263	1.00566	1.00566	2.29489	0.285697	0.11066	1
cg07765262	FAM53A	0.128069	0.855972	0.924801	-1.08131	0.538008	1.30774	1.30774	0.0747622	2.34909	2.34909	0.0770043	2.33051	2.33051	0.181494	0.543173	-1.84103	0.107857	2.12748	2.12748	0.645449	1.2206	1.2206	0.0393003	2.79004	2.79004	0.107678	2.12844	2.12844	2.29488	6.72917	2.60644	1
cg15089219	C1QL2	0.128073	0.0448444	23.6671	23.6671	0.126125	9.7186	9.7186	0.363511	3.6083	3.6083	0.689561	0.575944	-1.73628	0.445259	2.91324	2.91324	0.343117	3.82691	3.82691	0.0117959	75.2879	75.2879	0.608489	2.03385	2.03385	0.0536339	20.3153	20.3153	2.29485	68.627	26.5821	1
cg20263839	SETBP1;SETBP1	0.128074	0.976466	1.00745	1.00745	0.317385	1.29722	1.29722	0.675353	1.11188	1.11188	0.880776	1.03851	1.03851	0.257761	0.742788	-1.34628	0.00702389	0.415812	-2.40493	0.0752671	0.607334	-1.64654	0.808647	1.06299	1.06299	0.711525	0.910717	-1.09804	2.29484	2.30401	0.892443	1
cg21997141	TPO;TPO;TPO;TPO	0.128075	0.100349	0.670665	-1.49106	0.0734392	0.642147	-1.55728	0.0618624	0.6271	-1.59464	0.822845	1.05102	1.05102	0.158234	0.71551	-1.3976	0.897444	1.02903	1.02903	0.159459	1.39605	1.39605	0.0857311	0.656088	-1.52419	0.187016	0.733176	-1.36393	2.29483	1.7899	0.693309	1
cg22783363	TNFRSF10D	0.128076	0.0786405	7.00506	7.00506	0.0976737	6.11696	6.11696	0.205697	3.78299	3.78299	0.480521	2.04357	2.04357	0.132806	5.0347	5.0347	0.651385	1.57353	1.57353	0.0183392	17.3326	17.3326	0.0338407	11.8144	11.8144	0.0854387	6.65191	6.65191	2.29482	36.1003	13.9833	1
cg07921144	DNA2	0.128076	0.468514	0.893248	-1.11951	0.0109307	0.613295	-1.63054	0.625154	0.927405	-1.07828	0.559719	0.913679	-1.09448	0.0941762	1.32532	1.32532	0.556863	1.09521	1.09521	0.200622	1.22986	1.22986	0.934387	1.01268	1.01268	0.46216	1.12139	1.12139	2.29482	0.851481	0.329818	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25053301	WDR13;WDR13;WDR13;WDR13	0.128077	0.242154	0.229828	-4.35107	0.685161	1.63167	1.63167	0.929033	0.898527	-1.11293	0.120228	7.57294	7.57294	0.444822	2.54881	2.54881	0.00646574	0.0142217	-70.3149	0.748449	0.679447	-1.47179	0.977497	1.03446	1.03446	0.95449	0.933744	-1.07096	2.29482	52.4393	20.3122	1
cg16876964	BICD1;BICD1	0.12808	0.0638643	1.6562	1.6562	0.331026	1.27498	1.27498	0.457289	1.20123	1.20123	0.111001	1.52281	1.52281	0.0717355	1.62742	1.62742	0.438426	0.825775	-1.21098	0.0355002	1.80924	1.80924	0.86077	1.04344	1.04344	0.234441	0.739424	-1.3524	2.29479	2.13223	0.825921	1
cg20980039	SNORD115-41	0.128084	0.852953	0.923065	-1.08335	0.096635	0.455233	-2.19668	0.245587	0.592155	-1.68875	0.9473	0.971883	-1.02893	0.0152215	0.276345	-3.61867	0.975096	1.01356	1.01356	0.187177	1.82792	1.82792	0.770019	1.13483	1.13483	0.0702899	0.417712	-2.39399	2.29476	6.76561	2.6207	1
cg27154237	NOTCH1	0.128086	0.528135	1.22995	1.22995	0.65799	1.1552	1.1552	0.964153	0.985552	-1.01466	0.046962	2.08833	2.08833	0.101455	0.559515	-1.78726	0.117522	1.73412	1.73412	0.293799	1.4228	1.4228	0.0361172	2.20163	2.20163	0.162889	1.61988	1.61988	2.29474	3.81099	1.47622	1
cg10167463	YWHAG	0.128087	0.0072877	2.06509	2.06509	0.254822	1.28291	1.28291	0.525569	0.873902	-1.14429	0.529351	1.14285	1.14285	0.98259	0.995438	-1.00458	0.640178	1.10368	1.10368	0.381242	1.20706	1.20706	0.37549	1.20997	1.20997	0.117164	0.70003	-1.42851	2.29473	1.59579	0.618146	1
cg15600935	CUX1;CUX1;CUX1	0.128088	0.503067	2.09954	2.09954	0.0121713	30.2664	30.2664	0.0307426	15.9489	15.9489	0.697646	1.53124	1.53124	0.481488	2.18335	2.18335	0.412157	2.49711	2.49711	0.654786	1.63422	1.63422	0.161185	0.195311	-5.12003	0.880227	1.17887	1.17887	2.29472	43.2884	16.7683	1
cg05420166	FAM115C;FAM115C;FAM115C	0.128088	0.439771	0.901453	-1.10932	0.151514	0.816818	-1.22426	0.703072	1.05172	1.05172	0.292769	1.15455	1.15455	0.0251129	0.704142	-1.42017	0.520631	1.08952	1.08952	0.0425412	0.735284	-1.36002	0.7148	1.04951	1.04951	0.362876	1.13104	1.13104	2.29472	0.63008	0.244069	1
cg03437186	ADCY1	0.12809	0.500378	0.886359	-1.12821	0.729625	1.0631	1.0631	0.130324	1.33396	1.33396	0.616827	1.09304	1.09304	0.377667	1.17308	1.17308	0.0963477	1.37987	1.37987	0.0137195	0.584251	-1.71159	0.879859	0.973679	-1.02703	0.395925	1.1657	1.1657	2.29471	1.13031	0.437843	1
cg02007567	FAM18A	0.12809	0.0504072	1.59568	1.59568	0.799079	1.0549	1.0549	0.602515	1.11639	1.11639	0.0847052	1.49115	1.49115	0.0759182	0.661062	-1.51272	0.909491	1.02412	1.02412	0.106253	0.690979	-1.44722	0.307266	0.801337	-1.24791	0.527045	1.14373	1.14373	2.2947	1.59585	0.618176	1
cg15099667	PNKD;AAMP;PNKD	0.128093	0.115665	1.2636	1.2636	0.407203	0.890482	-1.12299	0.078761	0.765607	-1.30615	0.0982381	0.780274	-1.2816	0.791554	1.0369	1.0369	0.437234	0.897251	-1.11451	0.0374956	0.718755	-1.39129	0.342672	1.1431	1.1431	0.599041	1.07528	1.07528	2.29468	0.680211	0.263493	1
cg08830588	KCNH3	0.128095	0.115452	0.492715	-2.02957	0.0886919	0.459915	-2.17431	0.0200224	0.313213	-3.19271	0.170882	0.547105	-1.8278	0.123693	0.501754	-1.99301	0.456209	0.73061	-1.36872	0.141211	0.519719	-1.92411	0.402399	1.4254	1.4254	0.0827339	0.451696	-2.21388	2.29466	6.21734	2.40842	1
cg12762583	CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM	0.128096	0.785969	0.922018	-1.08458	0.449879	1.25819	1.25819	0.953405	0.982721	-1.01758	0.672722	1.13512	1.13512	0.00844356	0.366704	-2.727	0.0270936	0.458191	-2.18249	0.461228	0.799513	-1.25076	0.683308	0.884841	-1.13015	0.867651	0.951468	-1.05101	2.29466	3.2336	1.25261	1
cg18562935	C20orf85;C20orf85	0.1281	0.454518	0.679869	-1.47087	0.441477	0.671972	-1.48816	0.513937	1.3983	1.3983	0.328094	1.66743	1.66743	0.246848	0.541547	-1.84656	0.527217	0.722912	-1.38329	0.00819117	5.54878	5.54878	0.204855	1.96909	1.96909	0.758445	0.85536	-1.1691	2.29463	9.32296	3.61151	1
cg08869376	EIF3G	0.1281	0.120601	0.616552	-1.62192	0.0209523	0.450224	-2.22112	0.17388	0.659953	-1.51526	0.0642612	0.550319	-1.81713	0.242038	0.703458	-1.42155	0.0250248	0.464908	-2.15096	0.962954	1.01343	1.01343	0.197009	0.675838	-1.47965	0.214745	0.687172	-1.45524	2.29463	2.99891	1.16171	1
cg23641707	RND3	0.128101	0.546233	1.22272	1.22272	0.975313	1.01024	1.01024	0.0117553	2.81859	2.81859	0.205498	1.5524	1.5524	0.728088	0.891431	-1.12179	0.743041	0.89734	-1.1144	0.242907	0.668728	-1.49538	0.0990329	0.551296	-1.81391	0.418187	1.31311	1.31311	2.29462	3.94022	1.52636	1
cg24535475	C1S;C1S	0.128101	0.348735	0.714191	-1.40019	0.209324	1.5868	1.5868	0.436323	1.31929	1.31929	0.426066	0.753074	-1.32789	0.337148	0.708019	-1.41239	0.0344244	0.42282	-2.36507	0.0210946	0.379909	-2.63221	0.205113	0.627201	-1.59439	0.761846	0.899373	-1.11189	2.29462	4.42458	1.714	1
cg04524321	MBD6	0.128103	0.19793	0.786718	-1.2711	0.831986	0.963241	-1.03816	0.295414	1.21079	1.21079	0.0880784	1.39348	1.39348	0.448725	0.872763	-1.14579	0.034797	1.54297	1.54297	0.118041	0.741421	-1.34876	0.872578	1.0287	1.0287	0.273761	0.818102	-1.22234	2.2946	1.12933	0.437481	1
cg23348764	PCDHGA4;PCDHGA2;PCDHGB2;PCDHGA1;PCDHGB3;PCDHGB3;PCDHGA5;PCDHGB1;PCDHGA3	0.128103	0.0419658	8.97301	8.97301	0.177125	3.83036	3.83036	0.308975	2.6797	2.6797	0.232595	3.22799	3.22799	0.351476	0.407512	-2.45392	0.445807	2.07003	2.07003	0.582697	0.594826	-1.68116	0.0186486	14.4341	14.4341	0.133089	4.55858	4.55858	2.2946	31.8498	12.3381	1
cg24162367	SLC30A1	0.128104	0.465172	0.85678	-1.16716	0.00975654	1.9732	1.9732	0.0482455	1.59904	1.59904	0.885825	0.970564	-1.03033	0.323117	0.808775	-1.23644	0.909301	0.97658	-1.02398	0.744737	0.934317	-1.0703	0.356783	1.21786	1.21786	0.993156	1.00179	1.00179	2.29459	1.5716	0.608812	1
cg19892944	CCDC52	0.128104	0.904402	0.917225	-1.09025	0.281146	0.446852	-2.23788	0.0534035	0.206413	-4.84465	0.094057	0.266104	-3.75793	0.0157968	0.119248	-8.38586	0.204466	0.381771	-2.61937	0.0329291	0.166297	-6.01332	0.211583	0.388142	-2.57638	0.34992	0.500613	-1.99755	2.29459	18.7933	7.28022	1
cg05667818	ST7;ST7;ST7OT2	0.128106	0.497878	0.80037	-1.24942	0.0530324	2.03688	2.03688	0.17127	1.60218	1.60218	0.147836	0.605058	-1.65273	0.946043	0.978337	-1.02214	0.670243	1.14867	1.14867	0.203415	1.54407	1.54407	0.108158	1.76328	1.76328	0.10702	0.565896	-1.76711	2.29458	3.80535	1.47414	1
cg12414070	FBXO21;FBXO21	0.128106	0.141447	1.77904	1.77904	0.443872	0.752471	-1.32896	0.0270658	2.5947	2.5947	0.04199	2.3485	2.3485	0.490832	1.29041	1.29041	0.794506	1.09977	1.09977	0.739177	0.885385	-1.12945	0.331417	0.694136	-1.44064	0.102438	1.91762	1.91762	2.29457	4.82349	1.86856	1
cg14248370	C9orf78;USP20;USP20;USP20	0.128109	0.629968	1.13151	1.13151	0.332254	0.775242	-1.28992	0.416599	0.809529	-1.23529	0.529714	0.850412	-1.1759	0.681879	0.900418	-1.1106	0.987273	1.00407	1.00407	0.00473686	0.384878	-2.59823	0.172635	1.44688	1.44688	0.9901	0.996847	-1.00316	2.29455	2.35403	0.91193	1
cg00823783	SEC14L5	0.128109	0.509261	0.557845	-1.79261	?	?	?	0.0644392	6.29917	6.29917	0.679988	0.696903	-1.43492	0.0134457	0.0636004	-15.7232	0.85479	1.1728	1.1728	0.969547	0.967337	-1.03377	0.323079	2.44069	2.44069	0.819408	0.819566	-1.22016	2.44357	25.4835	9.12521	1
cg11823736	IDO2	0.128118	0.0756223	0.255144	-3.91935	0.170528	0.364929	-2.74026	0.14575	0.340023	-2.94098	0.626473	0.712653	-1.40321	0.0305121	0.17276	-5.78837	0.188302	0.381814	-2.61907	0.0180399	0.137507	-7.27236	0.0987582	0.286425	-3.49131	0.144809	0.339041	-2.9495	2.29448	17.3351	6.71566	1
cg22239167	MRPL44	0.128118	0.20935	0.716798	-1.39509	0.396373	0.803683	-1.24427	0.071602	1.65903	1.65903	0.0969608	1.5816	1.5816	0.98834	0.99633	-1.00368	0.128098	1.51276	1.51276	0.0825803	0.616432	-1.62224	0.812538	0.941969	-1.06161	0.253169	1.35029	1.35029	2.29448	2.30107	0.891442	1
cg26466027	CXCR6;FYCO1	0.12812	0.623728	0.849364	-1.17735	0.00879219	0.332293	-3.00939	0.106421	0.558695	-1.78989	0.963728	0.985096	-1.01513	0.161936	0.610716	-1.63742	0.836826	1.07047	1.07047	0.175721	1.60869	1.60869	0.78616	1.09395	1.09395	0.485911	0.791519	-1.26339	2.29446	3.96222	1.53499	1
cg23044488	LIX1L	0.128125	0.267067	0.597106	-1.67474	0.932607	1.0382	1.0382	0.160842	0.511399	-1.95542	0.121117	2.12617	2.12617	0.984697	1.00854	1.00854	0.0209749	0.281475	-3.55272	?	?	?	0.203478	0.548893	-1.82185	0.155753	0.506531	-1.97421	2.44343	6.61403	2.36851	1
cg17892556	ZNF625;ZNF625	0.128125	0.826199	1.06287	1.06287	0.0080648	2.56213	2.56213	0.0832749	1.70164	1.70164	0.886158	0.961062	-1.04052	0.60355	0.864805	-1.15633	0.860511	1.04997	1.04997	0.38678	1.27885	1.27885	0.408393	1.2642	1.2642	0.0523407	1.84373	1.84373	2.29442	2.79321	1.08213	1
cg26164310	LPPR4;LPPR4	0.128126	0.0507026	1.75235	1.75235	0.974406	1.00812	1.00812	0.0392029	1.82433	1.82433	0.142386	1.48784	1.48784	0.865431	0.958165	-1.04366	0.0557065	1.72673	1.72673	0.239694	0.733298	-1.3637	0.999948	1.00002	1.00002	0.558715	0.861574	-1.16067	2.29441	2.30687	0.893713	1
cg15917704	MED7;MED7;MED7	0.12813	0.262049	1.20099	1.20099	0.201146	0.809438	-1.23543	0.887316	0.978041	-1.02245	0.223199	1.22193	1.22193	0.288944	0.841654	-1.18814	0.636491	0.928158	-1.0774	0.325449	0.852991	-1.17234	0.273876	0.836685	-1.19519	0.0153771	1.59327	1.59327	2.29438	0.891154	0.345251	1
cg18941818	NR4A2	0.128135	0.390233	1.41321	1.41321	0.712289	1.15663	1.15663	0.969349	0.985019	-1.01521	0.5593	0.792984	-1.26106	0.74648	1.1359	1.1359	0.479731	1.32609	1.32609	0.00590604	4.1159	4.1159	0.0800797	2.14438	2.14438	0.33691	0.677772	-1.47542	2.29434	5.60775	2.17259	1
cg06849515	LOC285548	0.128143	0.729244	0.942278	-1.06126	0.016378	1.65209	1.65209	0.0863242	1.38295	1.38295	0.577846	0.908285	-1.10098	0.81538	1.04083	1.04083	0.183287	1.27327	1.27327	0.214228	0.799519	-1.25075	0.10343	1.35628	1.35628	0.873339	1.02767	1.02767	2.29427	1.06381	0.412162	1
cg18050213	IFI27L2;IFI27L2	0.128145	0.374308	0.848238	-1.17891	0.977319	0.994882	-1.00514	0.901114	0.977813	-1.02269	0.0267519	0.622703	-1.6059	0.415846	0.860622	-1.16195	0.0582694	0.679601	-1.47145	0.297302	0.822817	-1.21534	0.285988	1.2214	1.2214	0.0961301	1.39069	1.39069	2.29426	1.18371	0.458617	1
cg00944888	CUX1;CUX1;CUX1	0.128146	0.0403017	0.751668	-1.33037	0.245077	1.15779	1.15779	0.504889	0.921701	-1.08495	0.0345507	0.743044	-1.34582	0.653413	0.946993	-1.05597	0.771677	0.965546	-1.03568	0.113272	1.23081	1.23081	0.242566	0.862976	-1.15878	0.774241	1.03526	1.03526	2.29424	0.5276	0.204415	1
cg18082082	DEFB113	0.128147	0.816721	1.07482	1.07482	0.043599	0.486243	-2.05659	0.0052641	0.318693	-3.13782	0.586027	0.842903	-1.18638	0.311789	0.722385	-1.3843	0.645236	1.15497	1.15497	0.794792	0.922188	-1.08438	0.685955	0.881321	-1.13466	0.709636	0.890263	-1.12326	2.29424	3.50945	1.35971	1
cg16079774	SLC17A6	0.128148	0.714035	1.33793	1.33793	0.196965	2.94172	2.94172	0.230444	2.70521	2.70521	0.102707	0.243573	-4.10554	0.763837	1.26915	1.26915	0.257511	0.392704	-2.54645	0.272919	0.405515	-2.466	0.0325055	7.24065	7.24065	0.164875	3.22839	3.22839	2.29423	22.7352	8.80865	1
cg14191675	ARPC5L	0.12815	0.394644	1.08349	1.08349	0.0918362	1.18613	1.18613	0.486864	0.937094	-1.06713	0.272105	1.11086	1.11086	0.654149	0.959375	-1.04234	0.701849	1.03601	1.03601	0.0311548	0.792463	-1.26189	0.0750177	1.20003	1.20003	0.231909	1.12222	1.12222	2.29422	0.307333	0.119075	1
cg03904042	NECAB3;NECAB3;C20orf134	0.128151	0.48319	0.60744	-1.64625	0.603385	0.693046	-1.44291	0.845448	1.14628	1.14628	0.144088	2.99747	2.99747	0.116193	0.302923	-3.30117	0.166415	0.356227	-2.8072	0.617408	0.703071	-1.42233	0.014221	0.120555	-8.29496	0.303383	2.10797	2.10797	2.29421	17.7806	6.88906	1
cg16519742	ZIM2;ZIM2;ZIM2	0.128152	0.334201	1.50549	1.50549	0.198907	1.74651	1.74651	0.51752	1.30934	1.30934	0.523832	1.3039	1.3039	0.31669	1.5299	1.5299	0.158389	1.85777	1.85777	0.00697767	4.19316	4.19316	0.0325432	2.79478	2.79478	0.869995	0.934931	-1.0696	2.2942	6.13083	2.37539	1
cg18270343	JRK;JRK	0.128152	0.698291	0.824512	-1.21284	0.623572	0.782664	-1.27769	0.510464	1.39193	1.39193	0.104569	0.415254	-2.40817	0.0711724	0.36845	-2.71407	0.324499	0.604085	-1.6554	0.00808661	0.186337	-5.36661	0.828388	0.898039	-1.11354	0.129827	0.444576	-2.24933	2.2942	8.91677	3.4548	1
cg15340709	PTPRN2;PTPRN2;PTPRN2	0.128155	0.256674	1.39191	1.39191	0.0866193	0.589403	-1.69663	0.149984	0.649822	-1.53888	0.990042	0.99652	-1.00349	0.511143	1.2046	1.2046	0.0530132	0.541117	-1.84803	0.28984	1.35913	1.35913	0.307061	1.34358	1.34358	0.142315	1.55355	1.55355	2.29417	2.83455	1.09826	1
cg16665506	PLXND1	0.128156	0.0372104	1.90259	1.90259	0.510702	1.19415	1.19415	0.698808	1.10894	1.10894	0.927656	0.976138	-1.02445	0.354247	1.28849	1.28849	0.00736067	2.5058	2.5058	0.0778608	1.68389	1.68389	0.760918	1.08455	1.08455	0.320275	1.31406	1.31406	2.29416	2.56987	0.995711	1
cg19414227	NCKAP5;NCKAP5	0.128157	0.148391	0.528114	-1.89353	0.680193	0.843075	-1.18613	0.132071	0.51202	-1.95305	0.255509	1.63048	1.63048	0.0128041	0.279898	-3.57273	0.86082	0.930275	-1.07495	0.423751	0.714287	-1.4	0.298493	1.55865	1.55865	0.182809	0.55867	-1.78997	2.29415	6.16263	2.38776	1
cg04890934	ZNF395	0.128159	0.128808	0.639304	-1.5642	0.164148	1.49871	1.49871	0.29236	1.34682	1.34682	0.379884	1.27827	1.27827	0.0833645	0.593093	-1.68608	0.829137	1.06067	1.06067	0.0468877	0.537919	-1.85901	0.223111	1.41751	1.41751	0.75872	0.919457	-1.0876	2.29415	2.69907	1.04578	1
cg24000189	FLOT1;FLOT1	0.128159	0.769472	1.08983	1.08983	0.109828	1.66565	1.66565	0.106944	1.67389	1.67389	0.240506	0.697884	-1.4329	0.442512	0.795164	-1.2576	0.120359	0.610688	-1.6375	0.0641764	1.83829	1.83829	0.759272	1.09414	1.09414	0.190689	0.666574	-1.50021	2.29415	3.11321	1.20624	1
cg14697930	CNPY2	0.128159	0.571933	1.08011	1.08011	0.296382	1.15729	1.15729	0.0581954	1.33487	1.33487	0.901517	0.983436	-1.01684	0.0600871	1.33129	1.33129	0.995902	1.00069	1.00069	0.0810225	0.770277	-1.29823	0.15734	1.22632	1.22632	0.0786153	1.30154	1.30154	2.29414	0.661383	0.25626	1
cg11369662	TYK2	0.128159	0.619099	1.16785	1.16785	0.541188	1.21107	1.21107	0.566633	0.835832	-1.19641	0.479128	1.24951	1.24951	0.0836515	0.552802	-1.80896	0.679072	0.879144	-1.13747	0.0221251	2.33835	2.33835	0.370097	1.32972	1.32972	0.0488666	2.0065	2.0065	2.29414	3.48278	1.34944	1
cg11028167	HRNBP3	0.128161	0.139292	2.23488	2.23488	0.0738395	2.73758	2.73758	0.289195	1.74377	1.74377	0.468647	1.45159	1.45159	0.684438	1.22939	1.22939	0.0342062	3.48643	3.48643	0.0171057	4.34475	4.34475	0.0472279	3.15043	3.15043	0.49879	1.41488	1.41488	2.29412	9.28136	3.59619	1
cg10770742	WDR86	0.128162	0.509122	1.11464	1.11464	0.572585	0.911744	-1.0968	0.657978	0.930344	-1.07487	0.962662	1.00762	1.00762	0.838738	1.03357	1.03357	0.202728	1.24349	1.24349	0.00639093	0.562683	-1.7772	0.240946	1.2201	1.2201	0.470104	1.12646	1.12646	2.29412	0.954155	0.369701	1
cg26544786	AEN	0.128162	0.255457	0.837821	-1.19357	0.413394	0.88282	-1.13273	0.816362	1.03528	1.03528	0.177317	1.23826	1.23826	0.863283	1.02602	1.02602	0.691293	1.0613	1.0613	0.00864187	0.607141	-1.64706	0.83359	1.03185	1.03185	0.18995	1.22988	1.22988	2.29412	0.80716	0.312746	1
cg12483476	GRM6	0.128164	0.902104	0.845912	-1.18216	0.0279425	37.5788	37.5788	0.114597	10.6341	10.6341	0.123489	0.100564	-9.94396	0.352102	0.270412	-3.69807	?	?	?	0.905887	0.851432	-1.17449	?	?	?	0.530355	0.420624	-2.37742	2.46771	55.022	22.2968	1
cg06677048	KCNT1	0.128164	0.518536	0.661629	-1.51142	0.987244	0.989962	-1.01014	0.192137	0.418411	-2.39	0.336668	0.535176	-1.86854	0.187452	0.414099	-2.41488	0.158594	0.386335	-2.58843	0.0061629	0.104893	-9.53355	0.0472022	0.238572	-4.19161	0.281397	0.493357	-2.02693	2.2941	14.4706	5.60688	1
cg03925821	ZNF843	0.128166	0.476515	0.840161	-1.19025	0.873053	1.03922	1.03922	0.754019	1.07856	1.07856	0.780061	0.934868	-1.06967	0.00411759	0.396209	-2.52392	0.859087	1.04368	1.04368	0.147202	0.687822	-1.45386	0.519153	1.17026	1.17026	0.6337	1.12243	1.12243	2.29409	2.1031	0.814885	1
cg20726001	GREB1L	0.128167	0.036367	0.533857	-1.87316	0.0134204	0.453924	-2.20301	0.198867	0.704515	-1.41942	0.279231	0.748097	-1.33673	0.124278	0.650921	-1.53629	0.149162	0.670948	-1.49043	0.120816	0.647898	-1.54345	0.15636	0.676271	-1.4787	0.8803	1.03964	1.03964	2.29408	2.41811	0.936947	1
cg03035871	C14orf104;C14orf104	0.128168	0.15136	2.19231	2.19231	0.315956	0.588973	-1.69787	0.781394	1.15262	1.15262	0.133185	0.437301	-2.28676	0.672669	0.804955	-1.24231	0.0102432	0.191574	-5.21992	0.910389	0.944137	-1.05917	0.113634	0.415233	-2.40828	0.88043	0.926024	-1.07989	2.29407	9.47169	3.67002	1
cg05030961	RGS20;RGS20	0.128168	0.0230375	0.161366	-6.19709	0.283454	0.4734	-2.11238	0.319122	0.501116	-1.99555	0.0784235	0.269314	-3.71314	0.100666	0.299195	-3.34231	0.124933	0.328042	-3.04839	0.0352269	0.192843	-5.18558	0.223608	0.423999	-2.35849	0.0511539	0.225294	-4.43864	2.29407	16.3613	6.33956	1
cg23060872	ANKRD53;ANKRD53;ANKRD53;ANKRD53	0.128171	0.257488	0.546436	-1.83004	0.41746	1.52771	1.52771	0.420839	1.52282	1.52282	0.335772	0.601935	-1.66131	0.0419187	0.301489	-3.31687	0.442124	0.669779	-1.49303	0.28812	0.568931	-1.75768	0.949996	0.968435	-1.03259	0.0287044	3.74203	3.74203	2.29405	9.50248	3.68199	1
cg25405807	TBC1D4	0.128171	0.982258	0.996829	-1.00318	0.0158049	1.52542	1.52542	0.240383	1.19189	1.19189	0.697966	0.94583	-1.05727	0.387826	0.881258	-1.13474	0.0373833	1.41198	1.41198	0.383788	1.13603	1.13603	0.209641	1.20784	1.20784	0.496718	0.90615	-1.10357	2.29405	0.741016	0.287127	1
cg22127703	AKAP9;AKAP9	0.128175	0.45343	0.895488	-1.11671	0.0569842	0.732484	-1.36522	0.635229	1.07151	1.07151	0.24625	0.839234	-1.19156	0.793702	0.962829	-1.03861	0.14919	1.25053	1.25053	0.074545	0.750405	-1.33261	0.91852	1.0149	1.0149	0.0629659	1.35303	1.35303	2.29401	0.759019	0.294106	1
cg05983061	MOBP;MOBP	0.128175	0.345211	0.331844	-3.01347	0.0817644	0.112077	-8.92245	0.508407	0.46709	-2.14092	0.0657426	10.4124	10.4124	0.128257	6.45961	6.45961	0.160054	0.182111	-5.49116	0.111013	0.139455	-7.17079	0.73362	1.47342	1.47342	0.608044	1.7985	1.7985	2.29401	46.7751	18.1245	1
cg21742048	NEURL1B	0.128178	0.236291	0.574635	-1.74024	0.0967586	2.25673	2.25673	0.619637	1.25031	1.25031	0.728436	0.855891	-1.16837	0.152356	0.504369	-1.98267	0.0441364	0.356151	-2.8078	0.156113	0.507949	-1.9687	0.32232	1.57842	1.57842	0.12805	0.479751	-2.08442	2.29399	7.24121	2.80587	1
cg26751513	TELO2	0.128178	0.0471906	3.77324	3.77324	0.828979	1.13484	1.13484	0.15473	2.4366	2.4366	0.212485	2.15515	2.15515	0.218984	0.469563	-2.12964	0.19749	2.21796	2.21796	0.0771836	3.15492	3.15492	0.0420363	3.93509	3.93509	0.153484	2.44411	2.44411	2.29398	12.4226	4.81361	1
cg04789968	ROCK2	0.128183	0.274432	1.7278	1.7278	0.166158	2.03409	2.03409	0.15126	2.0949	2.0949	0.0389769	3.15563	3.15563	0.536745	1.35095	1.35095	0.0543224	2.85778	2.85778	0.0145779	4.24918	4.24918	0.160605	2.05595	2.05595	0.116829	2.26894	2.26894	2.29395	8.40148	3.25551	1
cg09887804	LOC283922	0.128185	0.295568	1.41861	1.41861	0.0270415	2.3254	2.3254	0.0804637	0.535231	-1.86835	0.513322	0.807581	-1.23827	0.575463	0.833264	-1.2001	0.90555	1.03901	1.03901	0.480578	0.793618	-1.26005	0.0575779	0.500431	-1.99828	0.91067	1.03684	1.03684	2.29393	3.77582	1.46312	1
cg27518043	GNL2	0.12819	0.423037	0.881557	-1.13436	0.00390838	1.81919	1.81919	0.28814	1.18517	1.18517	0.540274	1.10022	1.10022	0.193977	1.23579	1.23579	0.609637	1.08256	1.08256	0.7779	0.957372	-1.04453	0.893463	1.02086	1.02086	0.334391	1.16576	1.16576	2.29389	0.862227	0.334116	1
cg27110877	LHFPL2	0.128191	0.805499	0.899778	-1.11138	0.30997	0.637805	-1.56788	0.104483	0.46783	-2.13753	0.253821	1.66546	1.66546	0.0503317	0.384818	-2.59863	0.649939	1.21602	1.21602	0.0706994	0.421245	-2.37391	0.110277	2.10647	2.10647	0.715698	1.1695	1.1695	2.29388	6.65693	2.57959	1
cg22521310	SERTAD2	0.128192	0.18751	0.689846	-1.4496	0.649473	1.12933	1.12933	0.763516	1.08351	1.08351	0.232494	0.716909	-1.39488	0.125729	0.643765	-1.55336	0.0809318	0.597857	-1.67264	0.0135938	0.44415	-2.25149	0.10387	0.623317	-1.60432	0.139148	0.655004	-1.52671	2.29387	2.56683	0.994662	1
cg07911673	SLC25A35	0.128192	0.716017	0.876703	-1.14064	0.433437	0.749839	-1.33362	0.705414	0.872159	-1.14658	0.0988703	1.91885	1.91885	0.0788795	0.495195	-2.0194	0.20612	1.61661	1.61661	0.0204798	0.365779	-2.73389	0.455694	0.760605	-1.31474	0.496955	0.780048	-1.28197	2.29387	4.71274	1.82622	1
cg02375499	USP5;CDCA3;USP5	0.128193	0.634888	0.81022	-1.23423	0.950621	1.02762	1.02762	0.271008	1.6556	1.6556	0.893872	0.942971	-1.06048	0.824746	1.10249	1.10249	0.315672	1.57841	1.57841	0.00449216	0.188911	-5.2935	0.42939	0.701252	-1.42602	0.759492	1.14464	1.14464	2.29386	7.03135	2.7247	1
cg15228617	GABRQ	0.128193	0.208454	0.435639	-2.29548	0.018537	0.167081	-5.98512	0.0493648	0.245241	-4.07763	0.579512	0.704181	-1.42009	0.127433	0.355986	-2.8091	0.0446483	0.235843	-4.2401	0.621356	0.731993	-1.36613	0.173275	0.403337	-2.47931	0.594316	1.40052	1.40052	2.29386	14.265	5.52781	1
cg11949175	ZRANB3	0.128196	0.0269893	0.189905	-5.26579	0.287762	0.496533	-2.01397	0.562331	0.689642	-1.45003	0.508905	0.653737	-1.52967	0.0166651	0.156585	-6.38632	0.212943	0.435158	-2.29802	0.113758	0.335716	-2.9787	0.0651952	0.268972	-3.71786	0.0995609	0.318214	-3.14254	2.29384	14.6177	5.66452	1
cg04987232	PPP2R2D;PPP2R2D;PPP2R2D	0.128196	0.288362	2.01544	2.01544	0.0316313	4.96371	4.96371	0.0377816	4.62654	4.62654	0.218683	2.27641	2.27641	0.426689	1.67541	1.67541	0.330256	0.527922	-1.89422	0.127433	2.8521	2.8521	0.0494826	4.15888	4.15888	0.312099	1.94426	1.94426	2.29384	14.6876	5.69161	1
cg05099063	ARID1B;ARID1B;ARID1B	0.1282	0.649253	0.878264	-1.13861	0.2569	0.715005	-1.39859	0.625391	1.14969	1.14969	0.0833085	1.72204	1.72204	0.382714	0.775861	-1.28889	0.612228	0.865094	-1.15594	0.0478718	1.89895	1.89895	0.0276067	2.09269	2.09269	0.710937	1.1113	1.1113	2.29381	2.91985	1.13149	1
cg03987752	PDZD8	0.128201	0.127076	0.529546	-1.88841	0.457518	0.747153	-1.33841	0.363386	0.697754	-1.43317	0.781056	1.11332	1.11332	0.0230762	0.351044	-2.84865	0.129453	0.531974	-1.87979	0.0225695	0.34916	-2.86402	0.864611	1.06796	1.06796	0.0924909	0.490008	-2.04078	2.2938	5.39238	2.08964	1
cg13605404	POLR3A	0.128202	0.48441	1.13479	1.13479	0.558224	1.11112	1.11112	0.0835038	0.711123	-1.40623	0.123353	1.34586	1.34586	0.359255	0.845564	-1.18264	0.630772	1.09	1.09	0.0130093	1.73047	1.73047	0.839379	0.964528	-1.03678	0.516999	1.12402	1.12402	2.29379	1.1505	0.445841	1
cg05365729	LOXL2	0.128205	0.0682669	2.46137	2.46137	0.0204162	3.43111	3.43111	0.83687	1.09523	1.09523	0.384434	1.4821	1.4821	0.490643	1.36194	1.36194	0.805362	1.11508	1.11508	0.0139793	3.81608	3.81608	0.640816	1.23037	1.23037	0.129096	2.0618	2.0618	2.29377	7.07177	2.74048	1
cg18537085	SNRNP27	0.128207	0.1907	0.766528	-1.30458	0.0901418	1.43102	1.43102	0.169908	1.32382	1.32382	0.866239	0.968169	-1.03288	0.988275	1.00282	1.00282	0.0371337	0.628546	-1.59097	0.696377	1.07815	1.07815	0.257712	0.797207	-1.25438	0.143103	1.35253	1.35253	2.29375	1.33763	0.51837	1
cg01482184	TMUB1;TMUB1	0.128212	0.489661	0.916649	-1.09093	0.349292	1.12692	1.12692	0.782512	1.03491	1.03491	0.613777	1.06515	1.06515	0.251173	1.16031	1.16031	0.380643	1.11798	1.11798	0.00725822	0.650825	-1.53651	0.92766	1.01133	1.01133	0.232292	0.856118	-1.16806	2.29371	0.558699	0.216514	1
cg26289665	C21orf7	0.128212	0.0646399	0.3786	-2.64131	0.143848	0.479557	-2.08526	0.0271293	0.294031	-3.401	0.122612	0.457075	-2.18783	0.0183162	0.26189	-3.81839	0.105355	0.436911	-2.2888	0.231606	0.555905	-1.79887	0.274597	0.587443	-1.70229	0.347706	0.636054	-1.57219	2.29371	7.95573	3.08311	1
cg12859046	B3GALT2;B3GALT2;CDC73	0.128214	0.166624	0.536182	-1.86504	0.0119143	0.26543	-3.76747	0.114864	0.484493	-2.06401	0.482139	1.35247	1.35247	0.15412	0.524764	-1.90562	0.481082	0.738831	-1.35349	0.288933	0.627972	-1.59243	0.0904551	0.454549	-2.19998	0.584282	1.26304	1.26304	2.29369	6.48907	2.51475	1
cg20113993	RPS10	0.128214	0.733149	0.916428	-1.09119	0.634107	0.884903	-1.13007	0.0932255	1.60143	1.60143	0.196001	0.705608	-1.41722	0.895314	0.966985	-1.03414	0.0812115	0.610808	-1.63717	0.0621245	1.70844	1.70844	0.0953855	0.62674	-1.59556	0.377347	0.793736	-1.25986	2.29369	2.36247	0.915546	1
cg03622431	UOX;DNASE2B	0.128215	0.16108	0.504705	-1.98136	0.0418151	0.34242	-2.92039	0.0475564	0.355149	-2.81572	0.0326982	0.319306	-3.1318	0.0452731	0.350227	-2.85529	0.121119	0.46403	-2.15503	0.375355	0.659931	-1.51531	0.959474	0.977055	-1.02348	0.730152	0.853703	-1.17137	2.29368	7.58062	2.93777	1
cg25837719	NFIA;NFIA;NFIA;NFIA	0.128216	0.768357	0.943687	-1.05967	0.914846	1.02121	1.02121	0.476946	1.15248	1.15248	0.0402341	0.628067	-1.59219	0.317741	0.816547	-1.22467	0.00919273	0.522547	-1.9137	0.939111	0.985119	-1.01511	0.883454	1.0292	1.0292	0.407364	1.18096	1.18096	2.29368	1.39904	0.542183	1
cg07385821	ERO1LB;ERO1LB	0.12822	0.763493	0.910058	-1.09883	0.888253	1.04489	1.04489	0.299337	1.39925	1.39925	0.555569	1.20466	1.20466	0.310507	0.720559	-1.38781	0.500967	0.80789	-1.23779	0.0049461	0.312724	-3.1977	0.351875	1.3488	1.3488	0.960802	0.984768	-1.01547	2.29364	3.54322	1.37316	1
cg00159442	ACO2;PHF5A	0.12822	0.0837128	0.677789	-1.47538	0.457288	0.857438	-1.16627	0.598954	0.897782	-1.11386	0.103799	1.43537	1.43537	0.109094	1.42622	1.42622	0.900587	0.974926	-1.02572	0.150284	0.731019	-1.36795	0.0524527	0.638846	-1.56532	0.80091	1.05268	1.05268	2.29364	1.49971	0.581206	1
cg18943383	HIST1H3H	0.128222	0.810122	0.906146	-1.10357	0.0370356	0.371032	-2.69518	0.330314	0.662789	-1.50878	0.82591	0.913755	-1.09439	0.802959	0.9027	-1.10779	0.55549	1.27654	1.27654	0.00962902	0.261405	-3.82548	0.0972983	0.474723	-2.10649	0.267649	0.62326	-1.60447	2.29363	6.08972	2.36005	1
cg06577658	DMWD	0.128223	0.336841	0.805831	-1.24095	0.380682	1.21657	1.21657	0.283887	0.784497	-1.2747	0.886189	1.03171	1.03171	0.00507708	0.445948	-2.24241	0.333452	1.24296	1.24296	0.908155	1.02548	1.02548	0.76146	0.935779	-1.06863	0.62221	1.11435	1.11435	2.29362	1.72652	0.669112	1
cg21156912	TBCD	0.128224	0.732435	0.875556	-1.14213	0.00509364	4.19369	4.19369	0.0405003	2.49978	2.49978	0.508905	1.29627	1.29627	0.871657	0.939309	-1.06461	0.784586	1.11194	1.11194	0.358103	1.4419	1.4419	0.479245	1.3212	1.3212	0.632583	1.20506	1.20506	2.29361	5.44746	2.11116	1
cg04359840	XYLT1	0.128226	0.0968229	0.415481	-2.40685	0.21207	1.88404	1.88404	0.982983	0.989775	-1.01033	0.490354	0.713469	-1.4016	0.403357	0.662278	-1.50994	0.275609	0.578954	-1.72725	0.0183698	0.251897	-3.96987	0.0409255	0.320794	-3.11727	0.294105	0.591919	-1.68942	2.2936	8.43497	3.26899	1
cg21771125	COL11A2;COL11A2;COL11A2	0.128229	0.0664392	0.349397	-2.86208	0.112572	0.41377	-2.4168	0.113614	0.41501	-2.40958	0.0565681	0.331992	-3.01212	0.0883442	0.382669	-2.61323	0.434149	0.665184	-1.50334	0.0261309	0.259699	-3.85061	0.0782617	0.368115	-2.71654	0.102983	0.402017	-2.48746	2.29357	9.48	3.67404	1
cg22911422	FAT4	0.128232	0.565219	0.906912	-1.10264	0.105226	1.34649	1.34649	0.0840328	1.37891	1.37891	0.194745	1.25926	1.25926	0.483731	1.12706	1.12706	0.370373	0.856759	-1.16719	0.0539466	0.692318	-1.44442	0.831949	1.03636	1.03636	0.103003	1.34955	1.34955	2.29355	1.02603	0.39765	1
cg07575680	DKFZp761E198	0.128233	0.441446	0.710563	-1.40733	0.0818705	2.31476	2.31476	0.259814	1.66812	1.66812	0.244909	1.69809	1.69809	0.0981901	0.454023	-2.20253	0.130628	2.03527	2.03527	0.791891	0.891263	-1.122	0.0658414	0.407179	-2.45592	0.802253	1.11542	1.11542	2.29354	6.88354	2.6678	1
cg11650013	KIF5C;KIF5C	0.128234	0.710508	1.05562	1.05562	0.250211	1.19058	1.19058	0.188041	1.22448	1.22448	0.0847322	0.758222	-1.31888	0.356549	0.87139	-1.14759	0.753572	0.955309	-1.04678	0.0144774	0.645712	-1.54868	0.911019	0.983902	-1.01636	0.459357	1.11558	1.11558	2.29353	0.765572	0.296708	1
cg14703589	LIMK2;LIMK2;LIMK2;LIMK2;LIMK2	0.128235	0.207535	0.390424	-2.56131	0.933965	1.0604	1.0604	0.544218	1.544	1.544	0.303688	0.470532	-2.12525	0.105356	0.285894	-3.4978	0.0841334	0.258636	-3.86644	0.0111563	0.105288	-9.49773	0.73533	1.27139	1.27139	0.14277	0.328	-3.04878	2.29352	18.1912	7.05027	1
cg18903373	VTI1A	0.128237	0.210267	0.780995	-1.28042	0.46605	1.14899	1.14899	0.0139495	0.566337	-1.76573	0.962445	0.991223	-1.00885	0.201269	0.776711	-1.28748	0.195841	1.29189	1.29189	0.481899	1.1432	1.1432	0.70637	0.931591	-1.07343	0.111802	0.723083	-1.38297	2.2935	1.27333	0.493503	1
cg26157248	TMEM167B	0.128242	0.325714	1.17824	1.17824	0.0523819	1.42846	1.42846	0.0278551	1.52213	1.52213	0.0565043	1.41763	1.41763	0.1725	1.26451	1.26451	0.187781	1.2531	1.2531	0.888372	1.02296	1.02296	0.0269369	1.5273	1.5273	0.582337	1.09393	1.09393	2.29346	0.948982	0.367802	1
cg15068522	RAB23;RAB23	0.128245	0.0197613	0.707634	-1.41316	0.495804	1.08868	1.08868	0.0502016	1.31558	1.31558	0.628301	0.941828	-1.06177	0.753482	0.962034	-1.03946	0.625983	1.0622	1.0622	0.100328	0.801579	-1.24754	0.879788	0.981579	-1.01877	0.554671	1.07618	1.07618	2.29344	0.548229	0.212482	1
cg14483259	EXOC3	0.128246	0.936894	0.976496	-1.02407	0.0238673	0.444959	-2.2474	0.0841108	1.77541	1.77541	0.857845	0.947571	-1.05533	0.084712	0.564006	-1.77303	0.639882	1.15204	1.15204	0.126636	0.608781	-1.64263	0.746069	1.10252	1.10252	0.548901	1.19982	1.19982	2.29343	3.27696	1.27009	1
cg26729101	HBQ1	0.128247	0.687583	1.20239	1.20239	0.129116	0.473471	-2.11206	0.0507974	0.362571	-2.75808	0.373625	1.51648	1.51648	0.0644961	0.387947	-2.57767	0.0496264	0.360186	-2.77635	0.126637	0.470799	-2.12405	0.197372	0.537257	-1.86131	0.185927	0.527604	-1.89536	2.29342	7.55018	2.92631	1
cg01277155	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.128248	0.0865083	8.02405	8.02405	0.0521701	11.3482	11.3482	0.0494085	11.7776	11.7776	0.445547	2.35191	2.35191	0.33464	2.98713	2.98713	0.238044	3.89317	3.89317	0.312631	3.15397	3.15397	0.0259336	18.3145	18.3145	0.0338871	15.2404	15.2404	2.29342	43.9327	17.0276	1
cg19001023	MTA1	0.128248	0.063075	2.04484	2.04484	0.03948	2.25895	2.25895	0.0397771	2.25535	2.25535	0.495281	0.789061	-1.26733	0.973378	0.988648	-1.01148	0.455441	0.770979	-1.29705	0.239098	1.52473	1.52473	0.20777	1.57531	1.57531	0.542195	0.809701	-1.23502	2.29342	4.25188	1.64796	1
cg22949575	ASPSCR1	0.128249	0.596525	1.22377	1.22377	0.365073	1.42155	1.42155	0.958347	1.01994	1.01994	0.243819	0.63072	-1.58549	0.143906	0.552429	-1.81019	0.53491	0.788584	-1.2681	0.00875628	3.53278	3.53278	0.395672	1.38926	1.38926	0.461407	1.32763	1.32763	2.29341	5.18872	2.01107	1
cg15704369	PRKACB;PRKACB	0.128252	0.00544704	0.464373	-2.15344	0.713043	0.925433	-1.08058	0.657348	1.09818	1.09818	0.679032	0.916409	-1.09122	0.252477	0.7782	-1.28502	0.39123	0.83169	-1.20237	0.876125	0.967803	-1.03327	0.670091	1.09407	1.09407	0.164583	1.36489	1.36489	2.29338	1.59862	0.619608	1
cg10341719	C21orf34;C21orf34	0.128253	0.0440764	0.58073	-1.72197	0.729673	0.921737	-1.08491	0.901346	0.971286	-1.02956	0.152346	1.43359	1.43359	0.0144422	0.492541	-2.03029	0.548215	0.866982	-1.15343	0.3417	1.2588	1.2588	0.975617	1.00721	1.00721	0.958229	1.01238	1.01238	2.29337	2.00462	0.776971	1
cg25403298	NRF1	0.128255	0.792271	0.954399	-1.04778	0.0783641	1.41309	1.41309	0.00590111	1.89075	1.89075	0.990217	0.997834	-1.00217	0.330686	1.19421	1.19421	0.657809	0.924199	-1.08202	0.389259	1.16885	1.16885	0.320077	1.19923	1.19923	0.154955	1.30886	1.30886	2.29336	1.13575	0.44021	1
cg25895907	AQP11	0.128258	0.362072	0.66577	-1.50202	0.063712	0.404471	-2.47237	0.0215251	0.301513	-3.31661	0.357672	1.50797	1.50797	0.218903	0.570353	-1.7533	0.847928	0.920014	-1.08694	0.446962	1.40017	1.40017	0.154113	1.93966	1.93966	0.938	0.966783	-1.03436	2.29333	6.84909	2.65469	1
cg02667667	DKFZP434H168;GNAO1;GNAO1	0.128258	0.751303	0.717427	-1.39387	0.308032	3.02622	3.02622	0.534471	0.51787	-1.93099	0.624693	1.67419	1.67419	?	?	?	0.00738353	0.0234034	-42.7289	0.858734	0.83026	-1.20444	0.838144	1.23808	1.23808	?	?	?	2.4668	32.4189	13.1421	1
cg18468467	CITED1;CITED1;CITED1;CITED1;CITED1	0.12826	0.482586	1.20986	1.20986	0.498759	0.832509	-1.20119	0.886675	0.96265	-1.0388	0.776949	1.07877	1.07877	0.467221	1.21833	1.21833	0.251266	0.726164	-1.3771	0.00861645	0.408926	-2.44543	0.398763	1.25938	1.25938	0.141715	1.52467	1.52467	2.29331	2.58822	1.0032	1
cg12593812	GPR62	0.128261	0.0860452	4.3653	4.3653	0.0927656	4.20804	4.20804	0.054913	5.42602	5.42602	0.207025	2.81178	2.81178	0.331701	0.4593	-2.17723	0.470156	1.76971	1.76971	0.283961	2.37449	2.37449	0.0972249	4.1125	4.1125	0.0306034	7.19661	7.19661	2.29331	21.9224	8.49715	1
cg00774538	USP7	0.128262	0.919548	1.015	1.015	0.0397076	1.41965	1.41965	0.0804445	1.3307	1.3307	0.188965	0.814602	-1.22759	0.031326	1.45086	1.45086	0.176196	1.236	1.236	0.9875	0.997694	-1.00231	0.732822	0.950765	-1.05178	0.960849	1.00726	1.00726	2.2933	0.788521	0.305633	1
cg14474582	PDLIM7;PDLIM7;PDLIM7;PDLIM7;PDLIM7;PDLIM7	0.128262	0.329044	1.28822	1.28822	0.165653	1.45023	1.45023	0.00586864	2.47579	2.47579	0.0537374	1.73441	1.73441	0.972958	1.00856	1.00856	0.242227	1.36031	1.36031	0.189901	1.41774	1.41774	0.760279	1.07998	1.07998	0.225608	1.37704	1.37704	2.2933	2.29576	0.889844	1
cg18331909	SDK1;SDK1	0.128263	0.03103	0.285288	-3.50523	0.742067	1.17777	1.17777	0.606818	1.29326	1.29326	0.587624	0.762423	-1.31161	0.612245	0.77629	-1.28818	0.498423	0.711431	-1.40562	0.0130853	0.217662	-4.59427	0.0720845	0.369878	-2.70359	0.272302	0.567742	-1.76136	2.29329	8.91441	3.45526	1
cg22549881	SRD5A2	0.128263	0.150545	1.90418	1.90418	0.148415	1.91155	1.91155	0.915344	1.04545	1.04545	0.066671	2.36186	2.36186	0.25713	1.6394	1.6394	0.575079	1.26711	1.26711	0.29809	0.637096	-1.56962	0.0601058	2.42639	2.42639	0.101121	0.472182	-2.11783	2.29329	6.3453	2.45947	1
cg01335980	KIAA0556	0.128265	0.0769518	0.280606	-3.56371	0.0195453	0.161489	-6.19238	0.156137	0.375199	-2.66525	0.489639	0.635421	-1.57376	0.0151293	0.145362	-6.8794	0.35582	0.54135	-1.84723	0.163719	0.382777	-2.61248	0.166951	0.385957	-2.59097	0.397133	0.571079	-1.75107	2.29328	15.1633	5.8774	1
cg02596089	CCDC9	0.128266	0.942264	1.03205	1.03205	0.0367979	0.347718	-2.87589	0.429996	1.42027	1.42027	0.259409	1.6693	1.6693	0.181318	0.539002	-1.85528	0.441576	0.710522	-1.40742	0.0625662	0.40142	-2.49116	0.109716	0.467943	-2.13701	0.316317	1.57018	1.57018	2.29327	6.88911	2.67028	1
cg20539368	JUP;JUP	0.128275	0.0422514	0.226152	-4.4218	0.0791436	0.28982	-3.45042	0.0764391	0.285845	-3.49839	0.132802	0.356836	-2.80241	0.0638589	0.266196	-3.75662	0.583739	0.703573	-1.42132	0.0490254	0.239818	-4.16983	0.747703	0.814596	-1.2276	0.0527079	0.246769	-4.05237	2.2932	14.6622	5.68337	1
cg10190104	DHODH	0.12828	0.38265	2.69399	2.69399	0.0627982	29.7653	29.7653	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.0774155	20.491	20.491	6.95575	25.9751	2.48956	1
cg05526364	IFT122;IFT122;IFT122;IFT122	0.12828	0.150679	0.390018	-2.56399	0.793372	1.17406	1.17406	0.447372	0.622896	-1.60541	0.354041	0.558299	-1.79116	0.18915	0.427278	-2.34039	0.482165	0.646188	-1.54754	0.00727843	0.120514	-8.29782	0.375972	1.74264	1.74264	0.101524	0.334238	-2.99188	2.29315	13.5709	5.26046	1
cg22234930	PKM2;PKM2;PKM2	0.128281	0.027267	0.0978419	-10.2206	0.751366	0.753662	-1.32686	0.858458	0.853145	-1.17213	0.128535	0.231858	-4.31298	0.0752444	0.171638	-5.8262	0.632543	0.651415	-1.53512	0.0207207	0.0839207	-11.916	0.456134	0.509008	-1.96461	0.0593598	0.150505	-6.6443	2.29314	28.7499	11.1443	1
cg18385671	MACF1;MACF1	0.128284	0.76246	0.909187	-1.09988	0.20245	1.52597	1.52597	0.881741	1.04786	1.04786	0.246744	1.46286	1.46286	0.09192	0.558382	-1.79089	0.676062	0.876363	-1.14108	0.774939	1.09421	1.09421	0.0199827	2.41537	2.41537	0.133819	0.601808	-1.66166	2.29312	3.58219	1.38857	1
cg03400811	LOC150185	0.128286	0.228979	0.743552	-1.3449	0.154571	1.42995	1.42995	0.455811	1.19516	1.19516	0.0439138	0.580703	-1.72205	0.265412	0.761544	-1.31312	0.24871	0.753517	-1.32711	0.0676533	1.61686	1.61686	0.87182	1.03863	1.03863	0.446501	1.19976	1.19976	2.29311	2.00076	0.775566	1
cg01312039	ZNF853	0.128288	0.0840766	0.717487	-1.39375	0.146943	0.763095	-1.31045	0.030326	0.642597	-1.55619	0.878616	0.973803	-1.0269	0.0685079	0.701722	-1.42507	0.251305	1.23144	1.23144	0.340301	1.18613	1.18613	0.273969	0.820591	-1.21863	0.556905	0.901948	-1.10871	2.29309	1.09571	0.424739	1
cg02780181	MRPL17;MRPL17	0.128288	0.600731	0.947106	-1.05585	0.0675054	1.23468	1.23468	0.54041	1.06586	1.06586	0.323425	0.900362	-1.11066	0.816444	0.976355	-1.02422	0.192577	1.15249	1.15249	0.0422761	0.786047	-1.27219	0.821084	1.02358	1.02358	0.0636245	1.23937	1.23937	2.29309	0.384633	0.149099	1
cg03480308	TTLL8	0.128289	0.762884	0.940087	-1.06373	0.26529	0.788954	-1.2675	0.66795	1.09211	1.09211	0.653003	0.911732	-1.09681	0.0117583	0.525946	-1.90134	0.812972	0.952757	-1.04959	0.036114	1.64485	1.64485	0.677224	0.918076	-1.08923	0.988284	0.997006	-1.003	2.29308	1.51419	0.586961	1
cg27618145	NUP93	0.128291	0.532044	0.74612	-1.34027	0.0803332	0.407548	-2.4537	0.460455	0.706307	-1.41581	0.385482	0.662541	-1.50934	0.705127	0.838697	-1.19233	0.484406	0.719797	-1.38928	0.00382146	0.164557	-6.07694	0.668163	0.81911	-1.22084	0.106852	0.442833	-2.25819	2.29306	7.77526	3.01402	1
cg24977670	CTNND2	0.128291	0.326003	1.31284	1.31284	0.832548	0.944755	-1.05848	0.147363	1.51786	1.51786	0.146594	0.658222	-1.51924	0.146802	0.658384	-1.51887	0.989905	1.0034	1.0034	0.018336	2.15604	2.15604	0.261663	1.36913	1.36913	0.810207	0.937463	-1.06671	2.29306	2.61637	1.01422	1
cg19422300	CHRNA4	0.128294	0.0345734	0.399469	-2.50332	0.641735	0.839896	-1.19062	0.808965	1.09438	1.09438	0.876679	0.943816	-1.05953	0.0273808	0.378394	-2.64275	0.303049	0.672172	-1.48771	0.0584945	0.451148	-2.21657	0.22219	1.61239	1.61239	0.447103	0.749362	-1.33447	2.29304	5.03538	1.95195	1
cg04341594	INO80E;HIRIP3	0.128296	0.449611	1.185	1.185	0.32354	0.798804	-1.25187	0.572627	0.881965	-1.13383	0.18987	0.736451	-1.35786	0.420841	0.834286	-1.19863	0.0138723	0.511798	-1.95391	0.135768	0.701742	-1.42502	0.132748	1.42957	1.42957	0.272315	0.777449	-1.28626	2.29302	1.76276	0.683336	1
cg11074968	CPEB1;CPEB1;CPEB1;CPEB1	0.128296	0.243297	1.65919	1.65919	0.0122912	3.64428	3.64428	0.732174	0.867216	-1.15311	0.139254	1.93467	1.93467	0.389772	1.44122	1.44122	0.0675863	2.33782	2.33782	0.6787	0.841347	-1.18857	0.0575307	2.43702	2.43702	0.594408	1.24967	1.24967	2.29302	6.24592	2.42123	1
cg07069087	GRID2	0.128302	0.59387	1.15959	1.15959	0.0610365	0.559459	-1.78744	0.901314	0.966448	-1.03472	0.0355688	1.96027	1.96027	0.222059	0.702543	-1.4234	0.816018	0.937895	-1.06622	0.0527574	1.83254	1.83254	0.651664	1.13317	1.13317	0.770112	0.922551	-1.08395	2.29297	2.7484	1.06544	1
cg15177071	EMID1	0.128306	0.5251	0.636274	-1.57165	0.0256425	6.43122	6.43122	0.160418	2.86562	2.86562	0.665622	0.736932	-1.35698	0.0252723	0.1545	-6.47251	0.538454	1.54849	1.54849	0.979686	0.982283	-1.01804	0.789089	1.20711	1.20711	0.660493	1.36386	1.36386	2.29294	17.8998	6.93908	1
cg21699509	SNORD84;BAT1;BAT1	0.128307	0.393136	0.863081	-1.15864	0.109895	1.34089	1.34089	0.43383	1.14388	1.14388	0.665695	1.07591	1.07591	0.208225	1.25024	1.25024	0.9127	0.981709	-1.01863	0.0541992	0.692263	-1.44454	0.123814	0.755365	-1.32386	0.086071	1.37611	1.37611	2.29293	1.02893	0.39888	1
cg23054032	GOPC;GOPC	0.12831	0.0337343	0.645041	-1.55029	0.0776457	1.41449	1.41449	0.71765	0.93781	-1.06631	0.510775	1.12518	1.12518	0.634938	1.08825	1.08825	0.471248	1.13835	1.13835	0.678194	0.928878	-1.07657	0.187757	0.781275	-1.27996	0.071033	1.42845	1.42845	2.29291	1.13535	0.440138	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00962014	MDGA1	0.12831	0.571225	0.924311	-1.08189	0.47062	1.10622	1.10622	0.488287	1.10169	1.10169	0.352741	1.14057	1.14057	0.297819	0.862045	-1.16003	0.120293	0.793117	-1.26085	0.0097642	0.637971	-1.56747	0.876073	0.978763	-1.0217	0.315084	1.15359	1.15359	2.29291	0.687019	0.266336	1
cg10234069	LPA	0.12831	0.0998541	0.43861	-2.27993	0.354071	0.646778	-1.54613	0.108478	0.449237	-2.226	0.274154	0.59449	-1.68211	0.0207177	0.280027	-3.57108	0.0778955	0.408446	-2.44831	0.0181857	0.269669	-3.70825	0.352078	0.645542	-1.54909	0.280294	0.598742	-1.67017	2.29291	7.58523	2.94056	1
cg13557178	EFHA1	0.12831	0.855722	1.0192	1.0192	0.691781	1.04251	1.04251	0.0553065	1.25476	1.25476	0.99573	1.00056	1.00056	0.120815	1.19215	1.19215	0.158101	1.17075	1.17075	0.0273299	0.761268	-1.3136	0.421228	0.917745	-1.08963	0.673813	0.956737	-1.04522	2.2929	0.396316	0.15364	1
cg08958793	VDAC2	0.128312	0.391499	1.12532	1.12532	0.0989034	1.27547	1.27547	0.0176365	1.47439	1.47439	0.664118	0.942938	-1.06051	0.400256	1.12276	1.12276	0.410195	0.892921	-1.11992	0.157008	0.815838	-1.22573	0.359488	0.880998	-1.13508	0.329902	1.14478	1.14478	2.29289	0.65672	0.254592	1
cg04819149	GNB2L1;SNORD95	0.128312	0.0199863	1.98149	1.98149	0.977752	0.993231	-1.00681	0.329272	0.782531	-1.2779	0.233337	1.35573	1.35573	0.333482	1.27502	1.27502	0.0357142	1.81353	1.81353	0.276507	0.75906	-1.31742	0.315412	1.28766	1.28766	0.554081	1.15692	1.15692	2.29289	2.15411	0.835088	1
cg15461491	FLJ12825	0.128314	0.0588224	0.555215	-1.8011	0.935865	0.978056	-1.02244	0.939467	1.02116	1.02116	0.106432	1.6259	1.6259	0.0831535	0.589257	-1.69705	0.301369	1.34343	1.34343	0.425128	0.79887	-1.25177	0.670696	0.888766	-1.12516	0.0698281	1.74887	1.74887	2.29288	2.76043	1.07015	1
cg05763228	LRAT	0.128314	0.700119	1.07354	1.07354	0.0715002	1.44634	1.44634	0.011123	1.79249	1.79249	0.511315	0.885017	-1.12992	0.372727	0.845528	-1.18269	0.3233	1.2057	1.2057	0.456591	0.87021	-1.14915	0.201042	1.28095	1.28095	0.409202	1.16739	1.16739	2.29287	1.2209	0.473311	1
cg11322464	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.128318	0.117903	18.3999	18.3999	0.0832243	26.8265	26.8265	0.232519	8.56284	8.56284	0.872478	1.31722	1.31722	0.537233	0.342459	-2.92005	0.869301	0.753924	-1.32639	0.593663	0.397049	-2.51858	0.0159947	157.36	157.36	0.0713005	31.6621	31.6621	2.29284	106.834	41.4172	1
cg05656590	MECOM	0.12832	0.993007	1.00268	1.00268	0.26615	0.702335	-1.42382	0.347388	1.34321	1.34321	0.099301	0.576376	-1.73498	0.459924	0.794972	-1.25791	0.114089	0.592036	-1.68909	0.00907888	0.363824	-2.74858	0.862029	1.05448	1.05448	0.654921	1.14704	1.14704	2.29282	3.37719	1.30928	1
cg25862768	C8ORFK29	0.12832	0.0769543	5.24908	5.24908	0.0420328	7.20739	7.20739	0.127842	4.00624	4.00624	0.390325	2.10028	2.10028	0.059811	5.99195	5.99195	0.944627	0.943123	-1.06031	0.0609006	5.93552	5.93552	0.0717023	5.44801	5.44801	0.0679185	5.60544	5.60544	2.29282	25.8082	10.0054	1
cg09251891	DOCK6	0.128321	0.793535	0.930533	-1.07465	0.502613	0.829648	-1.20533	0.0196738	0.461419	-2.16723	0.631144	0.875655	-1.142	0.010682	0.414415	-2.41304	0.319112	0.753805	-1.3266	0.155963	0.659251	-1.51687	0.83903	1.05742	1.05742	0.179141	0.675896	-1.47952	2.29282	2.73603	1.06071	1
cg11598929	FAAH2	0.128323	0.059279	0.254261	-3.93297	0.0242014	0.177603	-5.63053	0.317649	0.514633	-1.94313	0.715935	1.26495	1.26495	0.227237	0.442529	-2.25974	0.119269	2.9661	2.9661	0.871288	1.10991	1.10991	0.178634	0.398932	-2.50669	0.839057	1.13972	1.13972	2.2928	15.0187	5.82257	1
cg26307105	FCHO1;FCHO1;FCHO1;FCHO1	0.128323	0.359748	1.3969	1.3969	0.178563	1.66085	1.66085	0.876759	0.946401	-1.05663	0.402027	1.35588	1.35588	0.0826311	1.97852	1.97852	0.0536518	2.17679	2.17679	0.0115884	3.06608	3.06608	0.254078	1.52617	1.52617	0.0703844	2.05016	2.05016	2.2928	4.57566	1.77393	1
cg14866117	ANGPT4	0.128324	0.160457	0.472938	-2.11444	0.00798843	5.46223	5.46223	0.447491	1.47201	1.47201	0.954752	1.02874	1.02874	0.302185	0.586378	-1.70538	0.731747	0.842109	-1.18749	0.457574	0.685378	-1.45905	0.395742	0.647691	-1.54395	0.484252	0.70118	-1.42617	2.29279	9.05639	3.51106	1
cg13479780	CCND3;CCND3;CCND3;CCND3;CCND3;CCND3	0.128335	0.868301	0.970304	-1.03061	0.812073	1.04422	1.04422	0.886739	1.02623	1.02623	0.346833	1.1924	1.1924	0.424418	0.862269	-1.15973	0.0334598	0.636763	-1.57044	0.878198	1.02825	1.02825	0.324881	1.20282	1.20282	0.0158568	1.71042	1.71042	2.29271	1.1982	0.464545	1
cg02891522	WHSC1;WHSC1;WHSC1;SCARNA22;WHSC1	0.128335	0.640702	0.916939	-1.09059	0.75325	0.943483	-1.0599	0.428132	0.861362	-1.16095	0.602555	0.907628	-1.10177	0.927581	0.983369	-1.01691	0.404818	1.17028	1.17028	0.0035292	2.07448	2.07448	0.866455	0.969428	-1.03154	0.607243	1.10037	1.10037	2.2927	1.23579	0.479121	1
cg11735308	IFT57;IFT57	0.128336	0.498487	1.35628	1.35628	0.0532931	2.64765	2.64765	0.0413631	2.83903	2.83903	0.795689	1.12196	1.12196	0.609725	0.795866	-1.25649	0.683677	0.833869	-1.19923	?	?	?	0.0728097	0.411653	-2.42923	0.314166	1.58667	1.58667	2.31384	6.40691	2.76895	1
cg00239660	C6orf191	0.128336	0.0271057	0.103814	-9.63262	0.29187	0.387945	-2.57769	0.827007	0.827372	-1.20865	0.223154	0.330139	-3.02903	0.0756642	0.180505	-5.54002	0.207128	0.316054	-3.16402	0.0295379	0.108757	-9.19482	0.0531642	0.149245	-6.70038	0.0977037	0.207384	-4.82198	2.29269	27.2202	10.5534	1
cg02213475	FAM164C;FAM164C	0.128337	0.0425348	0.701734	-1.42504	0.0376579	0.693726	-1.44149	0.562002	0.91492	-1.09299	0.171582	0.801926	-1.247	0.193757	0.81177	-1.23188	0.858402	1.02745	1.02745	0.831153	0.968135	-1.03291	0.0887196	1.32946	1.32946	0.686138	1.06355	1.06355	2.29269	0.835195	0.32381	1
cg02432101	TCEB3CL;TCEB3C;KATNAL2	0.128338	0.325142	0.686553	-1.45655	0.0976784	0.510382	-1.95932	0.125181	0.541008	-1.8484	0.193295	0.600774	-1.66452	0.068812	0.470577	-2.12505	0.891088	1.05202	1.05202	0.0319018	0.394283	-2.53625	0.594141	1.22026	1.22026	0.0362886	0.40617	-2.46203	2.29268	4.97463	1.9287	1
cg24542046	NAPEPLD;NAPEPLD;RPL19P12	0.12834	0.385075	0.87799	-1.13897	0.844511	1.02911	1.02911	0.0255962	0.678738	-1.47332	0.427162	0.888283	-1.12577	0.0100953	0.622324	-1.60688	0.176233	0.810505	-1.2338	0.409447	0.884028	-1.13119	0.375047	0.875437	-1.14229	0.095286	0.765059	-1.30709	2.29266	0.775251	0.300573	1
cg14792155	PLA2G4E	0.12834	0.133872	0.318519	-3.13953	0.0209012	0.139879	-7.14903	0.133887	0.318535	-3.13937	0.949634	1.04572	1.04572	0.0307998	0.166144	-6.01889	0.203508	0.386808	-2.58526	0.0463234	0.198843	-5.02908	0.308023	0.473935	-2.10999	0.272644	0.445752	-2.2434	2.29266	18.1841	7.05016	1
cg17137218	PRDM16;PRDM16	0.12834	0.481786	0.856836	-1.16708	0.403207	0.831222	-1.20305	0.287145	1.26978	1.26978	0.461442	0.850422	-1.17589	0.365397	0.817934	-1.22259	0.411388	1.19903	1.19903	0.00883674	2.05508	2.05508	0.218767	1.3225	1.3225	0.506376	0.864419	-1.15685	2.29266	1.6957	0.657443	1
cg19364929	TMEM175	0.128341	0.876021	0.949988	-1.05264	0.771102	0.908587	-1.10061	0.0646917	0.505673	-1.97756	0.483192	1.26387	1.26387	0.0131257	0.36394	-2.7477	0.230418	0.66136	-1.51203	0.250418	0.673905	-1.48389	0.268313	1.46066	1.46066	0.194128	0.636716	-1.57056	2.29265	3.92104	1.52024	1
cg06855422	GRID2	0.128342	0.602698	0.766879	-1.30399	0.338163	1.64712	1.64712	0.478942	0.695035	-1.43878	0.741669	1.18198	1.18198	0.502323	0.708851	-1.41073	0.0208273	0.245133	-4.07943	0.113385	2.38867	2.38867	0.347039	1.63132	1.63132	0.0774188	0.370782	-2.697	2.29265	9.27547	3.59622	1
cg02479904	SLC39A13;SLC39A13	0.128343	0.27754	1.61089	1.61089	0.68867	0.843625	-1.18536	0.041193	2.70328	2.70328	0.965151	0.981723	-1.01862	0.549387	0.77433	-1.29144	0.01302	0.2723	-3.67242	0.720904	0.859453	-1.16353	0.877515	1.06728	1.06728	0.509495	1.32646	1.32646	2.29264	6.47269	2.50956	1
cg14110086	PCTP;PCTP	0.128346	0.85026	0.949752	-1.05291	0.00869103	0.40163	-2.48985	0.790599	0.929977	-1.0753	0.269583	1.36836	1.36836	0.136697	0.645754	-1.54858	0.558187	0.850842	-1.17531	0.153087	0.658785	-1.51795	0.290682	1.34867	1.34867	0.688559	0.895919	-1.11617	2.29261	2.70181	1.04754	1
cg07740914	NCOA4;NCOA4;NCOA4	0.128347	0.997783	0.999678	-1.00032	0.789899	0.96953	-1.03143	0.548323	0.932037	-1.07292	0.896245	0.984996	-1.01523	0.0240531	0.732107	-1.36592	0.0190058	0.719618	-1.38963	0.0288669	0.741866	-1.34795	0.430123	0.910903	-1.09781	0.88606	0.983524	-1.01675	2.2926	0.487518	0.189021	1
cg14798653	DENND1C	0.128348	0.192583	1.78314	1.78314	0.65855	1.20505	1.20505	0.0217672	3.17397	3.17397	0.106358	2.095	2.095	0.635299	1.22186	1.22186	0.328147	0.654874	-1.52701	0.284061	0.627048	-1.59477	0.761989	0.880384	-1.13587	0.0619666	2.41444	2.41444	2.2926	6.38658	2.47622	1
cg11212624	C6orf47	0.128348	0.127363	1.56629	1.56629	0.711421	1.10643	1.10643	0.0243576	2.07566	2.07566	0.312061	1.32926	1.32926	0.0789029	1.70068	1.70068	0.0394728	1.91223	1.91223	0.316772	1.32535	1.32535	0.390019	0.786839	-1.27091	0.624949	0.874511	-1.1435	2.29259	2.68959	1.04281	1
cg03718627	SBK1	0.128349	0.921655	0.987037	-1.01313	0.0173426	1.46863	1.46863	0.0528931	1.33885	1.33885	0.686821	0.947663	-1.05523	0.994562	0.999096	-1.0009	0.547661	1.08404	1.08404	0.027156	1.41459	1.41459	0.213543	1.18973	1.18973	0.559105	1.0815	1.0815	2.29259	0.638731	0.24765	1
cg09668216	TGFBR2;TGFBR2	0.128349	0.845763	0.96424	-1.03709	0.750245	1.06153	1.06153	0.404801	1.17278	1.17278	0.149975	1.33453	1.33453	0.919172	0.9812	-1.01916	0.368641	0.841429	-1.18845	0.0402478	0.642039	-1.55754	0.12395	1.36549	1.36549	0.0488544	0.656651	-1.52288	2.29259	1.26943	0.492189	1
cg27237039	SNRNP48	0.128352	0.110074	0.872398	-1.14627	0.86932	0.987177	-1.01299	0.678686	1.03319	1.03319	0.819669	0.982261	-1.01806	0.646369	1.03687	1.03687	0.885362	1.01137	1.01137	0.0107223	1.28575	1.28575	0.794536	0.979751	-1.02067	0.0869383	0.862283	-1.15971	2.29256	0.223068	0.0864895	1
cg21472642	CHN2	0.128355	0.0983256	0.394862	-2.53253	0.655373	0.794344	-1.2589	0.631682	1.28087	1.28087	0.279877	0.56228	-1.77847	0.0465007	0.310791	-3.21759	0.123427	0.425163	-2.35204	0.0553162	0.328446	-3.04464	0.0214791	0.242736	-4.11971	0.896117	0.935239	-1.06924	2.29254	9.53795	3.69816	1
cg06070749	GNAL	0.128358	0.471376	0.933408	-1.07134	0.44513	0.929402	-1.07596	0.738342	1.03204	1.03204	0.372464	0.917479	-1.08994	0.172563	0.872363	-1.14631	0.401202	1.08418	1.08418	0.0292067	0.785299	-1.2734	0.0790316	1.20133	1.20133	0.15799	1.15256	1.15256	2.29251	0.321234	0.124554	1
cg15992730	GDF3	0.12836	0.026943	0.119938	-8.33767	0.554492	1.62246	1.62246	0.805388	0.818878	-1.22118	0.464726	0.54755	-1.82632	0.01525	0.0896425	-11.1554	0.796055	0.810863	-1.23325	0.538175	0.603793	-1.6562	0.434958	0.524761	-1.90563	0.0477657	0.160063	-6.24753	2.2925	23.7904	9.22443	1
cg13894748	SCD	0.12836	0.650006	0.953	-1.04932	0.635442	1.05162	1.05162	0.396397	0.912542	-1.09584	0.899416	0.986762	-1.01342	0.637478	1.05129	1.05129	0.070542	0.808168	-1.23737	0.327967	0.899057	-1.11228	0.00617096	0.686307	-1.45707	0.509523	1.07305	1.07305	2.29249	0.40322	0.156344	1
cg05581469	MLL2;PRKAG1;PRKAG1	0.128363	0.124782	0.432082	-2.31438	0.0665638	2.82594	2.82594	0.281115	1.76066	1.76066	0.558641	0.741804	-1.34806	0.298473	0.5803	-1.72325	0.512312	1.39875	1.39875	0.0249101	0.259801	-3.8491	0.688893	0.816095	-1.22535	0.459891	0.683887	-1.46223	2.29247	9.25833	3.58985	1
cg25838977	CARD14	0.128364	0.254254	1.15027	1.15027	0.378883	1.112	1.112	0.870975	0.981066	-1.0193	0.0449192	1.31083	1.31083	0.0224795	0.725081	-1.37916	0.522125	1.07928	1.07928	0.368278	1.1148	1.1148	0.201598	1.17185	1.17185	0.657486	0.948877	-1.05388	2.29247	0.502106	0.194688	1
cg04667267	NCRNA00182	0.128368	0.26208	0.598272	-1.67148	0.478854	1.37199	1.37199	0.0359003	2.92197	2.92197	0.112063	2.13845	2.13845	0.0779508	0.422973	-2.36422	0.165544	0.522203	-1.91496	0.660288	0.823417	-1.21445	0.579008	0.781763	-1.27916	0.710739	0.849044	-1.17779	2.29243	7.00638	2.71672	1
cg20022578	VPS37D	0.128369	0.731485	1.07587	1.07587	0.518558	0.870282	-1.14905	0.188584	1.3441	1.3441	0.154305	0.723458	-1.38225	0.111381	0.692021	-1.44504	0.522158	0.87135	-1.14764	0.0314229	0.585204	-1.7088	0.859224	1.03841	1.03841	0.0930108	1.4804	1.4804	2.29243	1.63625	0.634457	1
cg25591469	COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3;COL6A3	0.128369	0.205757	0.462178	-2.16367	0.0436599	0.261579	-3.82294	0.27646	0.519683	-1.92425	0.537003	0.696663	-1.43541	0.0380626	0.248997	-4.01611	0.211198	0.466894	-2.14181	0.0348057	0.241112	-4.14745	0.0269192	0.21976	-4.55042	0.295472	0.534028	-1.87256	2.29243	12.1384	4.70668	1
cg18155888	MORN1	0.128369	0.191337	1.42336	1.42336	0.0173209	2.09519	2.09519	0.205865	0.711392	-1.40569	0.78595	0.932894	-1.07193	0.319808	0.769251	-1.29997	0.162457	1.46309	1.46309	0.420068	0.810409	-1.23394	0.57551	1.15531	1.15531	0.180457	1.43753	1.43753	2.29242	2.36422	0.916727	1
cg01963297	KCNN3	0.128373	0.229619	0.729989	-1.36988	0.358672	0.790054	-1.26574	0.0280764	1.91114	1.91114	0.302872	1.30533	1.30533	0.538964	0.856153	-1.16802	0.775888	0.931218	-1.07386	0.0963894	0.633951	-1.57741	0.0782944	0.613637	-1.62963	0.916158	1.02664	1.02664	2.29239	2.2632	0.877571	1
cg14330517	MRE11A;MRE11A	0.128374	0.722193	1.08505	1.08505	0.123482	0.682846	-1.46446	0.172513	0.717506	-1.39372	0.979072	0.99402	-1.00602	0.414118	1.21032	1.21032	0.293927	0.779646	-1.28263	0.0126095	2.03235	2.03235	0.575166	1.13823	1.13823	0.406561	1.21426	1.21426	2.29238	1.89807	0.735989	1
cg24708332	IL1R1	0.128375	0.355828	0.68823	-1.453	0.219777	1.66132	1.66132	0.187876	0.577533	-1.7315	0.0283203	0.361169	-2.76878	0.0357002	0.382283	-2.61586	0.217082	0.599956	-1.66679	0.0904421	0.480028	-2.08321	0.476457	0.752154	-1.32951	0.233156	0.611533	-1.63523	2.29238	5.61864	2.17867	1
cg18490616	THNSL2	0.128378	0.140501	4.75502	4.75502	0.984584	0.98118	-1.01918	0.235852	3.39259	3.39259	0.81811	0.797296	-1.25424	0.451843	2.12499	2.12499	0.350543	0.388724	-2.57252	0.875764	0.857397	-1.16632	0.0168453	17.5968	17.5968	0.0292542	12.5009	12.5009	2.29235	35.1085	13.6138	1
cg20729846	PSMB9;PSMB9;TAP1	0.12838	0.496179	0.905367	-1.10452	0.651592	0.936691	-1.06759	0.0607799	1.35545	1.35545	0.350788	0.870947	-1.14818	0.914861	0.984731	-1.01551	0.12446	0.787155	-1.2704	0.0528146	0.728558	-1.37257	0.682007	1.06107	1.06107	0.0817067	1.31994	1.31994	2.29233	0.751574	0.291435	1
cg13504434	CABP1;CABP1;CABP1	0.128384	0.0287173	4.06927	4.06927	0.484971	1.4711	1.4711	0.196089	0.475391	-2.10353	0.261253	1.89138	1.89138	0.108654	2.59049	2.59049	0.0669994	3.05517	3.05517	0.286953	0.548013	-1.82477	0.797503	0.869479	-1.15011	0.397315	1.60231	1.60231	2.2923	10.7423	4.16557	1
cg07130508	LDB1;LDB1	0.128388	0.0741641	0.578624	-1.72824	0.261273	1.38005	1.38005	0.201277	1.44928	1.44928	0.184823	1.4721	1.4721	0.313456	0.750775	-1.33196	0.21572	1.43082	1.43082	0.0643953	0.564789	-1.77057	0.427835	1.24929	1.24929	0.403464	1.26499	1.26499	2.29227	2.74453	1.06427	1
cg01288350	TSC2;TSC2;TSC2	0.128388	0.342107	0.512653	-1.95064	0.0541586	4.44507	4.44507	0.364906	1.88798	1.88798	0.79556	0.83758	-1.19392	0.0166108	0.135783	-7.3647	0.174358	0.372955	-2.68129	0.491082	0.620381	-1.61191	0.490894	0.620248	-1.61226	0.66238	0.740892	-1.34972	2.29227	16.9159	6.5596	1
cg13577389	BAI1	0.128389	0.978098	1.00501	1.00501	0.0570451	0.675638	-1.48008	0.0288601	0.625458	-1.59883	0.686035	0.928668	-1.07681	0.636991	1.09042	1.09042	0.144118	1.33075	1.33075	0.841886	1.03704	1.03704	0.445086	0.867832	-1.1523	0.118281	1.36182	1.36182	2.29226	1.20387	0.466835	1
cg26675077	TUBB8;TUBB8;TUBB8	0.128392	0.659503	1.11311	1.11311	0.0400063	1.77471	1.77471	0.421739	1.21939	1.21939	0.632872	1.12334	1.12334	0.141351	1.46559	1.46559	0.58828	1.14121	1.14121	0.0246167	1.90956	1.90956	0.0151136	2.05753	2.05753	0.785274	1.06823	1.06823	2.29224	2.12046	0.822277	1
cg20241801	FAM83D	0.128393	0.064149	2.77342	2.77342	0.98416	1.00978	1.00978	0.709529	0.832368	-1.20139	0.0563101	0.34652	-2.88584	0.948236	1.03235	1.03235	0.0670496	0.365466	-2.73623	0.059745	0.352829	-2.83424	0.539637	0.737483	-1.35596	0.250774	0.555183	-1.80121	2.29223	8.72974	3.38525	1
cg05863612	DNMBP	0.128395	0.815158	1.07768	1.07768	0.0940771	0.555423	-1.80043	0.0234071	0.421007	-2.37525	0.448158	0.781197	-1.28009	0.0137786	0.378109	-2.64474	0.699461	0.883454	-1.13192	0.986188	0.994485	-1.00555	0.146159	0.60754	-1.64598	0.303473	0.711442	-1.4056	2.29221	3.70441	1.43652	1
cg06856155	GREB1	0.128395	0.395635	0.788884	-1.26761	0.04178	1.89583	1.89583	0.368466	0.777399	-1.28634	0.595345	1.15733	1.15733	0.0164301	0.449662	-2.22389	0.464964	0.816511	-1.22472	0.960962	0.986746	-1.01343	0.585778	0.860705	-1.16184	0.215027	0.700637	-1.42727	2.29221	2.69754	1.04607	1
cg04565617	RCC2;RCC2	0.128396	0.191455	4.22592	4.22592	0.436998	0.437661	-2.28487	0.101071	0.153931	-6.4964	0.109276	0.162061	-6.17052	0.361558	2.6575	2.6575	0.562091	1.842	1.842	?	?	?	0.121321	5.75732	5.75732	0.110722	6.11712	6.11712	2.31333	35.3683	15.2889	1
cg13571576	LRRK1	0.128396	0.585582	0.490754	-2.03768	0.304903	0.253201	-3.94943	0.242907	0.206003	-4.85431	0.123441	0.115636	-8.64784	0.637122	0.541014	-1.84838	0.513875	0.424906	-2.35346	0.00529658	0.00863749	-115.774	0.0418203	0.0481714	-20.7592	0.661372	0.565618	-1.76798	2.2922	60.6784	23.5304	1
cg05617927	FAM103A1	0.128397	0.178345	0.797021	-1.25467	0.032461	1.48766	1.48766	0.686203	1.06656	1.06656	0.53853	0.905927	-1.10384	0.0724349	0.727583	-1.37441	0.176541	0.796173	-1.25601	0.106353	0.755957	-1.32283	0.941029	0.988331	-1.01181	0.328555	0.852151	-1.1735	2.29219	0.913782	0.354356	1
cg19848895	MLL4	0.128398	0.260113	0.481284	-2.07778	0.203791	0.433865	-2.30486	0.214627	0.443388	-2.25536	0.850329	1.1248	1.1248	0.0194753	0.172351	-5.80211	0.0756121	0.29192	-3.4256	0.0177437	0.166134	-6.01924	0.81632	0.865147	-1.15587	0.319389	0.526969	-1.89765	2.29219	14.0706	5.45643	1
cg13814975	MAGEB1;MAGEB1;MAGEB1	0.1284	0.402675	1.34599	1.34599	?	?	?	0.110824	0.547314	-1.8271	0.773524	0.904745	-1.10528	0.029444	0.410777	-2.43441	0.49309	1.27315	1.27315	0.0636828	2.06118	2.06118	0.534666	1.24378	1.24378	0.913409	1.03846	1.03846	2.3133	3.91985	1.69448	1
cg15347108	CASC1;CASC1;CASC1	0.128401	0.513753	0.70086	-1.42682	0.463118	0.669736	-1.49313	0.0827846	0.356599	-2.80427	0.640264	0.776753	-1.28741	0.0536065	0.308369	-3.24287	0.125999	2.43176	2.43176	0.677407	1.25176	1.25176	0.0502743	3.31299	3.31299	0.939607	0.960145	-1.04151	2.29216	10.4589	4.0559	1
cg01986717	HPN;HPN	0.128402	0.210181	0.69617	-1.43643	0.655925	1.13087	1.13087	0.0125493	2.3432	2.3432	0.22228	1.4216	1.4216	0.108435	0.618621	-1.6165	0.419973	0.797734	-1.25355	0.578812	0.857451	-1.16625	0.794561	0.930932	-1.07419	0.770361	0.922862	-1.08359	2.29215	2.7306	1.05892	1
cg23944327	AP2A1;AP2A1	0.128403	0.277144	1.30199	1.30199	0.38657	1.23027	1.23027	0.592797	0.881583	-1.13432	0.846711	0.955818	-1.04622	0.630495	0.893005	-1.11981	0.322882	1.26923	1.26923	0.00495816	0.419525	-2.38365	0.832679	1.05064	1.05064	0.892887	1.03196	1.03196	2.29215	1.97897	0.767438	1
cg03727333	SGMS1	0.128403	0.0914183	0.575284	-1.73827	0.299425	1.37695	1.37695	0.0296279	2.14173	2.14173	0.0496363	1.94671	1.94671	0.279635	1.39697	1.39697	0.197458	1.49964	1.49964	0.473067	1.24242	1.24242	0.18438	1.52012	1.52012	0.703679	1.12038	1.12038	2.29215	3.21165	1.24547	1
cg11258485	LOC401010	0.128404	0.2901	1.52592	1.52592	0.341829	0.685933	-1.45787	0.3369	1.46386	1.46386	0.139322	0.542071	-1.84478	0.151871	1.80558	1.80558	0.107833	1.96472	1.96472	0.25527	1.57955	1.57955	0.0216668	2.88949	2.88949	0.676265	1.17543	1.17543	2.29214	5.37785	2.08552	1
cg11843948	TNRC18	0.128406	0.980542	0.980659	-1.01972	0.0785923	4.78031	4.78031	0.108556	4.06249	4.06249	0.888911	0.894111	-1.11843	0.0219018	0.110546	-9.04601	0.369653	0.478151	-2.09139	0.213058	0.34988	-2.85812	0.877923	1.13099	1.13099	0.437802	0.530554	-1.88482	2.29212	23.2817	9.02868	1
cg01181485	FBXW7	0.128407	0.0502093	0.284868	-3.5104	0.39859	0.615004	-1.62601	0.400535	0.616295	-1.6226	0.334277	0.571131	-1.75091	0.0171593	0.195204	-5.12285	0.0937586	0.354647	-2.81971	0.0247366	0.22228	-4.49883	0.222042	0.485835	-2.05831	0.189896	0.457962	-2.18359	2.29212	11.4856	4.45413	1
cg06224510	ITIH2	0.128407	0.0717022	0.225533	-4.43395	0.152275	0.321195	-3.11337	0.0987925	0.261711	-3.82101	0.365755	0.502466	-1.99018	0.0844366	0.243262	-4.11079	0.118804	0.285382	-3.50408	0.0284725	0.14737	-6.78565	0.026322	0.142103	-7.03715	0.203854	0.370388	-2.69987	2.29212	19.912	7.72191	1
cg07973919	FGFRL1;FGFRL1;FGFRL1	0.128407	0.333468	0.781793	-1.27911	0.1642	0.693319	-1.44234	0.637996	0.889637	-1.12405	0.0956579	1.5709	1.5709	0.950292	0.984734	-1.0155	0.900626	0.969644	-1.03131	0.052917	0.5811	-1.72087	0.322637	1.28673	1.28673	0.0542642	1.71426	1.71426	2.29212	2.21041	0.857205	1
cg00328523	ATP6V1H;ATP6V1H;ATP6V1H	0.12841	0.0533295	0.389491	-2.56745	0.140287	0.505844	-1.97689	0.0778546	0.430963	-2.32039	0.163187	0.527636	-1.89525	0.0217419	0.306263	-3.26517	0.0735832	0.424488	-2.35578	0.488467	0.739103	-1.35299	0.51271	1.33002	1.33002	0.627558	0.810568	-1.2337	2.29209	6.69865	2.59778	1
cg15894192	RABGEF1	0.12841	0.178664	0.717284	-1.39415	0.73638	0.92443	-1.08175	0.0738443	0.629156	-1.58943	0.819498	1.05459	1.05459	0.975987	0.993025	-1.00702	0.0298552	1.81189	1.81189	0.0435988	0.583003	-1.71526	0.957322	0.987632	-1.01252	0.744145	0.926667	-1.07914	2.29209	1.9633	0.761382	1
cg11338128	ST6GALNAC5	0.128417	0.893366	0.951268	-1.05123	0.549896	1.25277	1.25277	0.037851	0.407794	-2.45222	0.0237276	0.365806	-2.73369	0.188883	0.595397	-1.67955	0.0584802	0.450979	-2.2174	0.588969	1.22533	1.22533	0.688971	0.860815	-1.16169	0.190455	0.596621	-1.67611	2.29203	5.0372	1.95351	1
cg25917220	ZYX;ZYX	0.128419	0.840591	0.983426	-1.01685	0.224982	1.11156	1.11156	0.130046	0.873096	-1.14535	0.997101	1.0003	1.0003	0.0125102	0.77273	-1.29411	0.62804	1.04135	1.04135	0.275258	1.09878	1.09878	0.449033	1.06612	1.06612	0.216027	0.897583	-1.1141	2.29201	0.249998	0.0969542	1
cg04754776	ZNRD1;ZNRD1	0.128424	0.0313044	0.115322	-8.67137	0.0227612	0.0972297	-10.2849	0.0821257	0.19265	-5.19076	0.14695	0.264235	-3.78451	0.216687	0.329067	-3.03889	0.777759	1.27372	1.27372	0.226755	0.337855	-2.95985	0.967499	1.03545	1.03545	0.104323	0.219103	-4.56407	2.29197	26.5385	10.2923	1
cg23671921	CCDC88A;CCDC88A	0.128429	0.130551	0.818908	-1.22114	0.0832968	0.790901	-1.26438	0.632501	1.06072	1.06072	0.048689	0.7592	-1.31718	0.159128	1.20216	1.20216	0.0509879	0.761865	-1.31257	0.585484	0.934836	-1.06971	0.56065	0.93054	-1.07465	0.558357	1.07511	1.07511	2.29193	0.543426	0.210759	1
cg01293050	PNP	0.12843	0.324371	0.926931	-1.07883	0.20286	0.904636	-1.10542	0.594299	1.04089	1.04089	0.206769	0.905501	-1.10436	0.623115	0.963746	-1.03762	0.571076	1.0436	1.0436	0.228446	0.910067	-1.09882	0.0837763	1.15334	1.15334	0.0179761	0.807082	-1.23903	2.29192	0.201747	0.0782446	1
cg19047942	FAM66C	0.128433	0.0895373	7.58807	7.58807	0.782857	1.34864	1.34864	0.382805	2.63515	2.63515	0.190027	0.22254	-4.49357	0.0949709	0.137179	-7.28977	0.156651	0.193938	-5.15627	0.627005	1.69922	1.69922	0.147555	5.37783	5.37783	0.10875	6.64472	6.64472	2.2919	42.5447	16.5005	1
cg06745684	CLDN14	0.128434	0.240813	0.403512	-2.47824	0.00555025	0.0676869	-14.7739	0.0382107	0.169432	-5.90207	0.857384	0.875513	-1.14219	0.323419	0.470589	-2.125	0.326877	0.473286	-2.11289	0.293056	0.446578	-2.23925	0.344121	0.48664	-2.05491	0.962855	1.03502	1.03502	2.29189	19.8269	7.68965	1
cg06732873	HERPUD2	0.128436	0.0176201	0.206801	-4.83557	0.18786	0.46688	-2.14188	0.435415	1.5439	1.5439	0.749924	0.839851	-1.19069	0.852117	1.10722	1.10722	0.98794	1.00828	1.00828	0.0400904	0.273974	-3.64998	0.741477	1.19804	1.19804	0.0770351	0.341961	-2.92431	2.29187	10.8123	4.19348	1
cg14486921	CSMD3;CSMD3;CSMD3;CSMD3	0.128439	0.0528761	1.24247	1.24247	0.024979	0.768599	-1.30107	0.976732	1.00288	1.00288	0.637356	1.04796	1.04796	0.114866	1.18432	1.18432	0.748775	0.968794	-1.03221	0.394719	1.08982	1.08982	0.646227	0.955423	-1.04666	0.20336	1.14165	1.14165	2.29185	0.353367	0.137052	1
cg04810755	MST1P9	0.12844	0.0519535	4.03341	4.03341	0.10655	3.03866	3.03866	0.164715	2.5468	2.5468	0.286737	2.0091	2.0091	0.0880924	3.27733	3.27733	0.157472	2.59442	2.59442	0.0259252	5.29939	5.29939	0.0373511	4.59004	4.59004	0.1175	2.92192	2.92192	2.29185	14.4379	5.59972	1
cg15623425	MTMR9L	0.128442	0.0453831	0.205718	-4.86102	0.0531991	0.220188	-4.54158	0.077909	0.25933	-3.8561	0.162156	0.357639	-2.79611	0.0767115	0.257606	-3.8819	0.106576	0.29702	-3.36677	0.0312475	0.175313	-5.70407	0.131841	0.3261	-3.06654	0.396738	0.549987	-1.81822	2.29183	17.2277	6.68179	1
cg04534813	ALG2;ALG2;SEC61B	0.128443	0.965132	1.00702	1.00702	0.534099	1.10602	1.10602	0.0952626	1.34088	1.34088	0.481099	1.12143	1.12143	0.701252	0.940178	-1.06363	0.632243	1.08022	1.08022	0.0081966	0.581965	-1.71832	0.932423	1.01366	1.01366	0.254084	1.20996	1.20996	2.29182	0.929556	0.360531	1
cg04272256	C20orf72;SNX5;SNX5	0.128443	0.0251555	0.551807	-1.81223	0.0544065	0.61428	-1.62792	0.357806	0.809667	-1.23508	0.119854	1.45755	1.45755	0.670353	1.10032	1.10032	0.331297	1.25082	1.25082	0.233047	0.756403	-1.32205	0.648331	0.90256	-1.10796	0.721759	0.92327	-1.08311	2.29182	1.80934	0.70176	1
cg24733262	RASGRF1;RASGRF1	0.128443	0.782415	0.929616	-1.07571	0.0499753	1.80273	1.80273	0.307096	1.32145	1.32145	0.65002	1.12797	1.12797	0.0774542	0.596055	-1.6777	0.255158	0.731109	-1.36778	0.0808087	0.600235	-1.66601	0.7277	1.09653	1.09653	0.192244	1.43889	1.43889	2.29182	2.52261	0.978402	1
cg13720262	LGALS7B	0.128444	0.0717999	0.459056	-2.17838	0.851887	0.930159	-1.07509	0.0400348	0.398832	-2.50732	0.361301	0.695244	-1.43834	0.167065	0.565211	-1.76925	0.0201215	0.337585	-2.96222	0.727368	1.14519	1.14519	0.417851	1.37807	1.37807	0.275693	0.644529	-1.55152	2.29181	5.44596	2.11224	1
cg05062676	CYP1B1	0.128444	0.0635936	3.46227	3.46227	0.357211	1.75741	1.75741	0.381427	1.7067	1.7067	0.400847	1.66872	1.66872	0.072382	3.29996	3.29996	0.495375	1.51019	1.51019	0.0113906	6.59365	6.59365	0.0523294	3.72129	3.72129	0.104724	2.87447	2.87447	2.29181	12.8702	4.99179	1
cg10072526	A2BP1;A2BP1	0.128451	0.0602138	0.319539	-3.12951	0.291583	0.554866	-1.80224	0.735004	0.832885	-1.20065	0.717191	0.822183	-1.21627	0.0531239	0.306429	-3.2634	0.170066	0.455416	-2.19579	0.00891054	0.166767	-5.9964	0.12644	0.410698	-2.43488	0.510267	0.698038	-1.43259	2.29175	10.5155	4.0786	1
cg07747924	WWOX;WWOX	0.128453	0.209828	0.615614	-1.62439	0.847733	1.07311	1.07311	0.0186909	2.84687	2.84687	0.862794	0.93848	-1.06556	0.541928	1.25436	1.25436	0.995259	1.00218	1.00218	0.19531	1.65331	1.65331	0.114543	1.87764	1.87764	0.112268	0.530096	-1.88645	2.29174	4.89054	1.89688	1
cg11748006	CAPNS1;CAPNS1	0.128454	0.187837	1.19198	1.19198	0.907526	1.01473	1.01473	0.149093	1.21492	1.21492	0.685795	1.05251	1.05251	0.0203666	1.42163	1.42163	0.1759	1.19851	1.19851	0.144323	0.820921	-1.21814	0.300491	0.873716	-1.14454	0.220706	1.17586	1.17586	2.29173	0.574667	0.222895	1
cg04426862	PAX9	0.128455	0.205825	1.30582	1.30582	0.0503186	0.640138	-1.56216	0.49017	1.15043	1.15043	0.594192	1.1135	1.1135	0.0744986	0.672154	-1.48775	0.727008	1.07259	1.07259	0.823346	0.956281	-1.04572	0.0376777	1.61931	1.61931	0.866655	1.03417	1.03417	2.29172	1.45084	0.562737	1
cg14453704	HK2	0.128462	0.783814	1.04072	1.04072	0.00698783	1.65917	1.65917	0.14043	1.2588	1.2588	0.694016	0.944232	-1.05906	0.353521	1.1486	1.1486	0.880829	1.02201	1.02201	0.58897	0.923882	-1.08239	0.884192	0.97907	-1.02138	0.0634895	1.35369	1.35369	2.29166	0.764466	0.296521	1
cg10326403	JAGN1	0.128463	0.539063	0.829956	-1.20488	0.00667933	0.34832	-2.87092	0.25109	0.6981	-1.43246	0.281606	1.39846	1.39846	0.145346	0.625854	-1.59782	0.888733	1.04285	1.04285	0.605818	1.16885	1.16885	0.973433	0.990069	-1.01003	0.241044	0.692234	-1.4446	2.29166	3.26012	1.26454	1
cg15509065	KIRREL2;KIRREL2;KIRREL2	0.128464	0.577357	1.14936	1.14936	0.0207421	1.99074	1.99074	0.0900499	1.58724	1.58724	0.805502	1.0629	1.0629	0.510874	1.17928	1.17928	0.0413189	1.78955	1.78955	0.619123	0.883454	-1.13192	0.367074	0.795233	-1.25749	0.376606	0.799028	-1.25152	2.29165	2.21927	0.860814	1
cg23913679	LAMA1	0.128464	0.343846	0.745924	-1.34062	0.191368	1.51564	1.51564	0.804806	0.928267	-1.07728	0.48904	1.23525	1.23525	0.041183	0.492574	-2.03015	0.276726	0.711703	-1.40508	0.568075	0.84075	-1.18941	0.0279647	2.18279	2.18279	0.680306	0.882892	-1.13264	2.29165	3.27992	1.27222	1
cg14613402	LHX8	0.128465	0.264392	0.316345	-3.16111	0.465908	0.479914	-2.08371	0.660103	1.54937	1.54937	0.303905	2.86763	2.86763	0.187678	0.251228	-3.98045	0.322981	2.74569	2.74569	0.598036	0.590734	-1.69281	0.00928929	26.189	26.189	0.677424	0.661078	-1.51268	2.29164	35.5273	13.7804	1
cg02992067	FTO	0.128469	0.11067	0.616395	-1.62234	0.299272	0.741209	-1.34915	0.2973	0.740236	-1.35092	0.249958	0.715565	-1.3975	0.865128	1.04846	1.04846	0.595961	1.16063	1.16063	0.0892557	1.68479	1.68479	0.71327	0.90236	-1.10821	0.0165947	0.442883	-2.25793	2.29161	2.81248	1.09093	1
cg23173032	ARF6;ARF6	0.12847	0.429485	0.88788	-1.12628	0.428003	0.887526	-1.12673	0.338251	1.15668	1.15668	0.110024	0.773491	-1.29284	0.467494	0.896722	-1.11517	0.77849	0.959272	-1.04246	0.00691288	0.597221	-1.67442	0.469943	0.897278	-1.11448	0.305239	1.16946	1.16946	2.2916	0.789066	0.30607	1
cg01001472	MBNL2;MBNL2	0.12847	0.216357	0.619344	-1.61461	0.651874	1.18205	1.18205	0.734498	1.13356	1.13356	0.501457	0.777827	-1.28563	0.012164	0.316386	-3.16069	0.371924	0.713482	-1.40158	0.0927257	1.97636	1.97636	0.272214	0.656469	-1.5233	0.250126	0.642375	-1.55672	2.2916	4.92206	1.90922	1
cg27486277	RPL31;RPL31;RPL31	0.12847	0.738576	0.944843	-1.05838	0.476393	1.1305	1.1305	0.155882	1.29328	1.29328	0.944607	0.988298	-1.01184	0.337434	0.84576	-1.18237	0.04516	0.677522	-1.47597	0.150429	1.29836	1.29836	0.821777	1.03896	1.03896	0.0347242	0.659033	-1.51737	2.2916	1.04142	0.403955	1
cg25809637	ARL13B;ARL13B	0.128474	0.879834	1.05395	1.05395	0.694422	0.871841	-1.147	0.567298	0.818042	-1.22243	0.669012	0.861241	-1.16112	0.733588	0.888103	-1.126	0.0180429	0.36869	-2.71231	0.0141432	0.349326	-2.86266	0.60548	0.83444	-1.19841	0.24274	1.52904	1.52904	2.29157	4.37899	1.69859	1
cg19031359	PAIP1;PAIP1;PAIP1	0.128476	0.679178	0.8769	-1.14038	0.653228	1.15355	1.15355	0.763901	1.09982	1.09982	0.106601	1.74459	1.74459	0.198927	0.651317	-1.53535	0.394387	0.759164	-1.31724	0.268867	0.695082	-1.43868	0.0111158	2.73318	2.73318	0.815345	1.07669	1.07669	2.29155	3.62081	1.40451	1
cg24038158	C1orf213;C1orf213;ZNF436;C1orf213;ZNF436;ZNF436	0.128479	0.932816	1.0124	1.0124	0.0626777	1.35818	1.35818	0.0153139	1.54512	1.54512	0.224031	0.829701	-1.20525	0.780573	0.960006	-1.04166	0.771652	1.04345	1.04345	0.306563	1.16732	1.16732	0.790093	1.03976	1.03976	0.069893	1.34478	1.34478	2.29153	0.77527	0.300729	1
cg24295890	PTPRG	0.128479	0.103189	0.49998	-2.00008	0.513846	0.773007	-1.29365	0.131866	0.531278	-1.88225	0.803289	1.10192	1.10192	0.0237306	0.35	-2.85715	0.842334	0.925476	-1.08052	0.0127341	0.300072	-3.33253	0.891906	0.948499	-1.0543	0.491929	0.76228	-1.31185	2.29153	5.48852	2.12901	1
cg13136716	PKDCC	0.128479	0.936765	0.987356	-1.01281	0.345568	0.855742	-1.16858	0.0215386	1.55693	1.55693	0.355151	1.16479	1.16479	0.109925	0.756206	-1.32239	0.153709	0.782748	-1.27755	0.204111	0.806598	-1.23977	0.270924	0.832087	-1.2018	0.688813	0.937482	-1.06669	2.29153	0.933393	0.362066	1
cg13506670	KTN1;C14orf33;KTN1;KTN1;KTN1	0.128483	0.419779	0.537117	-1.86179	0.60721	0.676404	-1.47841	0.15989	3.10271	3.10271	0.769401	1.24814	1.24814	0.329777	0.468454	-2.13468	0.58827	0.662253	-1.51	0.0344291	0.155662	-6.42416	0.0161217	0.10862	-9.20639	0.264128	0.415763	-2.40522	2.29149	20.6326	8.00355	1
cg05450995	BCL7A;BCL7A	0.128485	0.905496	0.974587	-1.02608	0.97578	1.0066	1.0066	0.290938	0.788573	-1.26811	0.458349	1.17782	1.17782	0.77928	0.940921	-1.06279	0.243019	0.767364	-1.30316	0.108452	1.46159	1.46159	0.112375	0.68754	-1.45446	0.0189535	1.85121	1.85121	2.29148	1.70489	0.661346	1
cg05885020	TCF25	0.128486	0.792255	1.13003	1.13003	?	?	?	0.964409	0.979555	-1.02087	?	?	?	0.565444	1.30921	1.30921	?	?	?	?	?	?	0.0493406	2.88737	2.88737	0.0254936	3.53649	3.53649	2.53613	4.68166	2.58438	1
cg18383668	GEMIN7;GEMIN7;GEMIN7	0.128488	0.170936	2.1885	2.1885	0.349337	1.67791	1.67791	0.175354	2.16885	2.16885	0.0148435	5.00263	5.00263	0.192986	2.09614	2.09614	0.606544	0.756481	-1.32191	0.630658	1.29725	1.29725	0.506013	1.43693	1.43693	0.0188069	4.61371	4.61371	2.29145	10.4733	4.06277	1
cg09120938	CHFR;CHFR;CHFR;CHFR;CHFR	0.128492	0.473761	1.46048	1.46048	0.0549368	3.10041	3.10041	0.0194479	4.34337	4.34337	0.255379	1.85391	1.85391	0.245967	1.87911	1.87911	0.626205	1.2907	1.2907	0.281463	0.558825	-1.78947	0.389615	1.58142	1.58142	0.204665	0.498683	-2.00528	2.29142	9.80803	3.80473	1
cg16920189	MEF2A;MEF2A;MEF2A	0.128493	0.151644	1.45434	1.45434	0.0183414	0.497651	-2.00944	0.985696	1.00438	1.00438	0.442788	1.21022	1.21022	0.808948	0.942649	-1.06084	0.160903	1.44072	1.44072	0.254719	0.748296	-1.33637	0.136572	1.47854	1.47854	0.749079	1.08139	1.08139	2.29141	2.15746	0.836926	1
cg01169463	PNPLA4;PNPLA4	0.128498	0.0358487	31.7043	31.7043	0.0541167	22.0715	22.0715	0.162663	8.24669	8.24669	0.484882	2.73114	2.73114	0.442223	0.329838	-3.03179	0.525147	2.48802	2.48802	0.133576	9.87992	9.87992	0.83823	1.33559	1.33559	0.0239566	45.2845	45.2845	2.29137	72.717	28.2091	1
cg26226139	PNPLA8	0.128499	0.0986188	0.747862	-1.33714	0.093702	1.34407	1.34407	0.124923	1.30534	1.30534	0.822906	1.03661	1.03661	0.836964	0.967486	-1.03361	0.827964	0.96569	-1.03553	0.0444274	1.44819	1.44819	0.986039	0.997197	-1.00281	0.123785	0.765368	-1.30656	2.29136	0.933888	0.362284	1
cg15395461	DCN;DCN;DCN;DCN;DCN;DCN	0.128501	0.050561	0.646637	-1.54646	0.318581	0.817342	-1.22348	0.100452	1.42205	1.42205	0.475924	0.867762	-1.15239	0.465973	0.864876	-1.15623	0.224816	0.779218	-1.28334	0.0962605	1.42955	1.42955	0.263157	0.795922	-1.2564	0.307595	1.22955	1.22955	2.29135	1.38936	0.538978	1
cg08285934	ARHGAP17;ARHGAP17;ARHGAP17;ARHGAP17	0.128507	0.473778	1.12913	1.12913	0.825252	1.03755	1.03755	0.901392	1.02088	1.02088	0.115026	0.751515	-1.33065	0.0521677	0.691989	-1.44511	0.132712	0.763053	-1.31053	0.178811	1.26882	1.26882	0.0641908	1.41439	1.41439	0.811911	1.04054	1.04054	2.2913	1.0084	0.391199	1
cg22228488	RECQL;RECQL;RECQL;RECQL;GOLT1B	0.128512	0.0999877	0.664245	-1.50547	0.418721	1.20629	1.20629	0.0307905	1.77844	1.77844	0.236329	0.754541	-1.32531	0.253613	0.762917	-1.31076	0.539478	0.868486	-1.15143	0.282707	1.28835	1.28835	0.957248	1.01224	1.01224	0.137128	1.43827	1.43827	2.29126	1.86949	0.725266	1
cg12737363	ARPC5;RGL1	0.128515	0.291508	0.866001	-1.15473	0.583573	0.929818	-1.07548	0.60719	1.07054	1.07054	0.457294	0.905291	-1.10462	0.166582	1.21393	1.21393	0.595587	1.07295	1.07295	0.0495849	1.34241	1.34241	0.321397	0.874015	-1.14415	0.0224299	1.43262	1.43262	2.29123	0.626968	0.243234	1
cg06359086	TMEM14C;TMEM14C	0.128517	0.209715	0.874722	-1.14322	0.139869	0.851439	-1.17448	0.173101	1.15809	1.15809	0.223684	0.878594	-1.13818	0.0184893	0.748811	-1.33545	0.18925	0.86866	-1.1512	0.300339	0.897033	-1.11479	0.325065	0.902228	-1.10837	0.0745795	0.817822	-1.22276	2.29122	0.371983	0.144313	1
cg14884828	FAM107B	0.12852	0.116093	0.568101	-1.76025	0.56439	0.824552	-1.21278	0.151284	0.601012	-1.66386	0.751972	0.900344	-1.11069	0.768417	0.906864	-1.1027	0.500459	1.25413	1.25413	0.0260222	2.39814	2.39814	0.0668109	1.97465	1.97465	0.966936	0.986369	-1.01382	2.2912	3.97816	1.54336	1
cg13882203	MSI1	0.128522	0.456249	0.671686	-1.48879	0.0525036	3.17822	3.17822	0.138742	2.30677	2.30677	0.831413	0.894211	-1.1183	0.0320951	0.267996	-3.7314	0.430017	0.655415	-1.52575	0.935055	1.04367	1.04367	0.670516	1.25163	1.25163	0.148084	2.25638	2.25638	2.29118	9.98161	3.87248	1
cg03118206	KIAA1244	0.128523	0.422699	0.861302	-1.16103	0.342189	0.836581	-1.19534	0.0427858	1.52981	1.52981	0.839114	0.963615	-1.03776	0.131302	0.743024	-1.34585	0.695709	1.0743	1.0743	0.227335	0.793684	-1.25995	0.637596	0.917127	-1.09036	0.0392404	1.54487	1.54487	2.29116	1.20623	0.467974	1
cg16616734	ANKRD13A;ANKRD13A	0.128525	0.177594	0.834262	-1.19866	0.092465	1.26388	1.26388	0.0317277	1.37498	1.37498	0.850357	0.976396	-1.02417	0.668931	1.05591	1.05591	0.56326	0.928758	-1.07671	0.225974	0.851459	-1.17446	0.237031	1.16962	1.16962	0.116396	1.24083	1.24083	2.29115	0.580415	0.225182	1
cg04618903	TBC1D16	0.128526	0.752713	0.883466	-1.13191	0.0229577	0.333947	-2.99449	0.401859	0.713646	-1.40126	0.0711601	0.447735	-2.23346	0.0281316	0.352331	-2.83824	0.127481	0.52016	-1.92248	0.493788	1.3138	1.3138	0.719262	0.86804	-1.15202	0.136632	0.529622	-1.88814	2.41973	5.75951	1.85129	1
cg15575375	NFIA;NFIA;NFIA;NFIA	0.128529	0.569299	1.36537	1.36537	0.505477	0.693604	-1.44175	0.014766	5.07612	5.07612	0.253275	1.90799	1.90799	0.686378	0.802686	-1.24582	0.306252	0.563513	-1.77458	0.100017	0.376872	-2.65342	0.285844	0.54871	-1.82245	0.500974	1.44752	1.44752	2.29112	10.6386	4.12747	1
cg06603997	PAQR5	0.12853	0.889063	1.04859	1.04859	0.254721	1.4982	1.4982	0.56502	0.820584	-1.21864	0.0569672	0.480822	-2.07977	0.278268	0.681636	-1.46706	0.885846	0.95234	-1.05004	0.011528	0.3416	-2.9274	0.339789	1.39717	1.39717	0.48901	0.787465	-1.2699	2.29111	4.19332	1.6269	1
cg16242260	FRMPD4	0.128534	0.719255	1.2086	1.2086	0.0283366	3.89087	3.89087	0.921298	0.949452	-1.05324	0.975012	1.01658	1.01658	0.0318529	0.267055	-3.74454	0.193369	2.05944	2.05944	0.416337	1.54655	1.54655	0.772478	0.858842	-1.16436	0.221396	0.509323	-1.96339	2.29108	9.99693	3.87859	1
cg24453349	UBXN11;UBXN11;UBXN11	0.128535	0.0283258	0.57847	-1.7287	0.565768	1.13061	1.13061	0.0913301	1.48168	1.48168	0.2721	1.27344	1.27344	0.552997	0.880819	-1.13531	0.777894	0.941959	-1.06162	0.144407	1.39308	1.39308	0.921332	0.97933	-1.02111	0.127067	0.70545	-1.41754	2.29107	1.62233	0.629432	1
cg01181681	TLR5	0.128539	0.176743	0.68737	-1.45482	0.195478	0.699468	-1.42966	0.282995	0.747344	-1.33807	0.719064	1.09889	1.09889	0.233253	0.721595	-1.38582	0.97031	1.00976	1.00976	0.0150365	0.458294	-2.18201	0.0942093	1.61664	1.61664	0.827586	1.0586	1.0586	2.29104	2.47306	0.95951	1
cg20644754	CD37;CD37	0.128539	0.284156	1.38825	1.38825	0.723391	0.900528	-1.11046	0.140299	1.5964	1.5964	0.0848531	1.7539	1.7539	0.764076	0.915079	-1.0928	0.88372	1.04409	1.04409	0.306982	0.732123	-1.36589	0.285594	0.721092	-1.38679	0.0156082	2.39678	2.39678	2.29104	3.15413	1.22375	1
cg18256640	ATP10A	0.128541	0.0917704	0.154506	-6.47224	0.0152395	0.0498925	-20.0431	0.120177	0.183446	-5.4512	0.334588	0.36748	-2.72124	0.0524935	0.108825	-9.18908	0.10935	0.172695	-5.79057	0.0726092	0.133319	-7.5008	0.117378	0.180695	-5.53418	0.387415	0.410159	-2.43808	2.29102	36.7193	14.2467	1
cg06793377	SHANK3	0.128548	0.0160658	0.494187	-2.02353	0.672209	1.10717	1.10717	0.412989	1.22167	1.22167	0.560391	1.15125	1.15125	0.225666	1.35579	1.35579	0.592788	0.878851	-1.13785	0.0458592	0.578383	-1.72896	0.467168	1.19362	1.19362	0.921577	1.02384	1.02384	2.29097	2.07643	0.80565	1
cg14407667	EPS15	0.128548	0.556607	1.19818	1.19818	0.0468343	0.500578	-1.99769	0.39338	0.766548	-1.30455	0.488815	1.23841	1.23841	0.333649	0.738428	-1.35423	0.736202	0.902292	-1.10829	0.0400825	2.0573	2.0573	0.24214	1.451	1.451	0.142749	0.619387	-1.6145	2.29097	3.35501	1.30174	1
cg06757775	ORC2L	0.128548	0.0261311	0.441328	-2.26589	0.636435	1.15902	1.15902	0.17646	1.56109	1.56109	0.461034	1.26187	1.26187	0.267275	0.698936	-1.43075	0.515361	1.22684	1.22684	0.0605322	0.518961	-1.92693	0.165699	0.632421	-1.58122	0.528884	0.820592	-1.21863	2.29096	3.48546	1.35235	1
cg08876912	LOC729082	0.128556	0.832864	1.06859	1.06859	0.641056	0.862845	-1.15896	0.202083	1.53153	1.53153	0.0372191	0.459728	-2.1752	0.638176	1.16046	1.16046	0.182113	0.638548	-1.56605	0.905792	1.03786	1.03786	0.104652	1.75837	1.75837	0.0654425	1.93637	1.93637	2.41945	3.69477	1.18775	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15235844	CYBB	0.128557	0.647774	0.840343	-1.18999	0.104042	0.510631	-1.95836	0.0181873	0.338112	-2.9576	0.115585	0.523679	-1.90957	0.0399691	0.407465	-2.4542	0.647726	1.19002	1.19002	0.787217	1.10773	1.10773	0.517929	1.2813	1.2813	0.406341	0.725251	-1.37883	2.29089	5.18861	2.01323	1
cg03950614	NR2E1	0.128557	0.963585	0.983891	-1.01637	0.0387318	2.34306	2.34306	0.887965	1.05142	1.05142	0.917525	0.963826	-1.03753	0.980346	0.991276	-1.0088	0.910674	1.04073	1.04073	0.278424	0.669721	-1.49316	0.00770048	3.3804	3.3804	0.768423	1.11074	1.11074	2.29089	4.59084	1.7813	1
cg09012940	LOC100128292	0.128559	0.803741	1.10185	1.10185	0.437633	0.734614	-1.36126	0.0326375	0.377612	-2.64822	0.935852	1.03185	1.03185	0.310245	0.664325	-1.50529	0.806829	1.10013	1.10013	0.00681195	0.255238	-3.91792	0.938653	1.03044	1.03044	0.884613	0.945006	-1.05819	2.29087	5.50497	2.136	1
cg13444413	AGAP2;AGAP2	0.128562	0.193941	1.4603	1.4603	0.0916601	1.66805	1.66805	0.178535	1.48256	1.48256	0.0501356	1.8502	1.8502	0.965319	0.988093	-1.01205	0.649549	1.13432	1.13432	0.356188	0.769931	-1.29882	0.0743919	0.578297	-1.72921	0.201847	1.4496	1.4496	2.29085	2.75379	1.06852	1
cg22696438	LARP6;LARP6	0.128562	0.0735895	0.323065	-3.09535	0.154631	2.35702	2.35702	0.0489055	0.27837	-3.59234	0.535856	1.4188	1.4188	?	?	?	?	?	?	?	?	?	0.473613	0.665687	-1.50221	0.701153	1.23974	1.23974	2.49489	7.99783	3.73996	1
cg09860450	CACNA1H;CACNA1H	0.128567	0.109613	0.547617	-1.82609	0.713388	0.880415	-1.13583	0.0341487	0.425955	-2.34767	0.200201	0.626781	-1.59545	0.0423233	0.446039	-2.24195	0.0347189	0.427474	-2.33932	0.0525073	0.46714	-2.14069	0.518073	0.797548	-1.25384	0.179542	0.611307	-1.63584	2.29081	4.32418	1.67789	1
cg09293718	PSKH2	0.128571	0.167137	2.1883	2.1883	0.286447	1.80153	1.80153	0.300868	1.76834	1.76834	0.168341	2.18283	2.18283	0.235118	0.515965	-1.93812	0.766289	1.17176	1.17176	0.0151906	4.88315	4.88315	0.0454758	3.38664	3.38664	0.329002	1.70868	1.70868	2.29078	10.2592	3.98086	1
cg25343734	PACSIN1	0.128572	0.19864	0.588633	-1.69885	0.291348	0.652362	-1.53289	0.371295	0.698977	-1.43066	0.41203	0.720925	-1.38711	0.00787162	0.264437	-3.78163	0.0393032	0.394442	-2.53523	0.725705	0.871605	-1.14731	0.0603516	0.437641	-2.28498	0.327221	0.673968	-1.48375	2.29077	5.52187	2.14265	1
cg17434273	RACGAP1;RACGAP1;RACGAP1	0.128572	0.354507	0.7949	-1.25802	0.0173395	2.01035	2.01035	0.889056	0.966924	-1.03421	0.277462	0.761721	-1.31282	0.3596	0.796933	-1.25481	0.091581	0.639114	-1.56467	0.196794	1.38937	1.38937	0.899513	0.970015	-1.03091	0.386082	0.807253	-1.23877	2.29077	2.10683	0.817517	1
cg08944029	MCC;MCC	0.128573	0.0173647	0.110781	-9.02681	0.227789	0.382304	-2.61572	0.473076	0.574506	-1.74063	0.408571	0.526251	-1.90023	0.0295088	0.142747	-7.00541	0.818358	0.839696	-1.19091	0.0497242	0.182657	-5.47475	0.25182	0.402832	-2.48242	0.07491	0.221677	-4.51107	2.29076	20.9283	8.12083	1
cg27486812	RFX2;RFX2	0.128573	0.349565	0.43165	-2.31669	0.120509	0.230094	-4.34605	0.494491	0.545918	-1.83178	0.154881	0.264928	-3.77461	0.0228108	0.092826	-10.7728	0.153251	0.263342	-3.79734	0.0139948	0.0708155	-14.1212	0.401721	0.472929	-2.11448	0.0922337	0.198505	-5.03767	2.29076	27.6177	10.7165	1
cg15722533	TEAD1	0.128573	0.123244	0.452866	-2.20816	0.242989	0.560089	-1.78543	0.170665	0.500474	-1.99811	0.517639	0.732562	-1.36507	0.00779723	0.19778	-5.05613	0.421131	0.677121	-1.47684	0.296901	1.67044	1.67044	0.654281	0.807464	-1.23845	0.126638	0.456614	-2.19004	2.29076	8.16642	3.16884	1
cg09622941	ALOXE3;ALOXE3	0.128574	0.268824	1.98669	1.98669	0.705704	0.798603	-1.25219	0.0169762	5.93108	5.93108	0.456038	0.637019	-1.56981	?	?	?	0.155128	2.48611	2.48611	0.391412	1.68556	1.68556	0.280134	0.512214	-1.95231	?	?	?	2.46376	10.4252	4.23142	1
cg17129141	MSH2	0.128574	0.964657	0.990889	-1.00919	0.681172	1.08908	1.08908	0.600031	1.11549	1.11549	0.0746057	1.5072	1.5072	0.0551798	1.5668	1.5668	0.694842	1.08485	1.08485	0.0522769	0.633835	-1.5777	0.255261	0.782438	-1.27806	0.133475	1.39702	1.39702	2.29075	1.548	0.600675	1
cg08100535	MIR96	0.128577	0.119309	0.459239	-2.17752	0.0156268	0.255501	-3.91388	0.522262	0.741889	-1.34791	0.412329	1.47089	1.47089	0.0234538	0.287603	-3.47702	0.768388	1.14562	1.14562	0.446188	0.699445	-1.4297	0.440275	0.696061	-1.43666	0.98684	0.992436	-1.00762	2.29073	7.68883	2.98356	1
cg17122437	FAM107B	0.128577	0.923729	0.954029	-1.04819	0.217793	0.528786	-1.89113	0.106746	0.420841	-2.37619	0.670071	0.810076	-1.23445	0.0240251	0.266352	-3.75442	0.1581	0.476336	-2.09936	0.0223768	0.260566	-3.8378	0.219846	0.53044	-1.88523	0.0579203	0.348694	-2.86785	2.29072	8.76282	3.40031	1
cg16579043	WASF3	0.128578	0.382002	1.20909	1.20909	0.603465	0.894963	-1.11737	0.0236285	0.564246	-1.77228	0.0433927	0.61143	-1.63551	0.144094	0.717257	-1.3942	0.719909	1.07924	1.07924	0.232212	1.30385	1.30385	0.247632	0.774163	-1.29172	0.847647	0.960087	-1.04157	2.29071	1.62702	0.631348	1
cg05199950	MOAP1;C14orf109;MOAP1;C14orf109	0.128579	0.536168	0.859663	-1.16325	0.928735	0.978638	-1.02183	0.303615	1.2933	1.2933	0.504604	1.17756	1.17756	0.101572	0.648763	-1.54139	0.060607	0.600093	-1.66641	0.0405825	1.76969	1.76969	0.179429	1.41089	1.41089	0.633988	1.12275	1.12275	2.29071	2.11397	0.820305	1
cg14920426	PDLIM7;PDLIM7;PDLIM7	0.12858	0.405382	0.875328	-1.14243	0.60598	0.921836	-1.08479	0.416546	1.13869	1.13869	0.478966	1.11916	1.11916	0.77464	0.956092	-1.04593	0.279304	0.83867	-1.19236	0.00467825	0.555354	-1.80065	0.578394	0.915935	-1.09178	0.422222	1.13682	1.13682	2.29071	0.887632	0.344438	1
cg03371306	FBXW7	0.128581	0.306131	0.88107	-1.13498	0.104758	0.809069	-1.23599	0.0988649	1.2414	1.2414	0.717946	0.957579	-1.0443	0.124775	0.81989	-1.21968	0.0196409	0.714016	-1.40053	0.176192	0.842111	-1.18749	0.592255	0.937438	-1.06674	0.910374	1.01355	1.01355	2.29069	0.518085	0.201039	1
cg08490173	FEM1C;FEM1C	0.128581	0.00487744	0.45272	-2.20887	0.868568	0.96544	-1.0358	0.458369	1.17393	1.17393	0.408476	0.835649	-1.19667	0.13134	0.707554	-1.41332	0.254903	0.776896	-1.28717	0.351055	0.8156	-1.22609	0.606494	1.11666	1.11666	0.789868	0.944857	-1.05836	2.29069	1.63626	0.634942	1
cg12589387	YTHDF1	0.128587	0.163212	0.726368	-1.37671	0.0232286	0.558335	-1.79104	0.887611	1.03084	1.03084	0.446502	0.846468	-1.18138	0.0079325	0.481272	-2.07783	0.246609	0.770846	-1.29728	0.417684	0.837018	-1.19472	0.650721	0.906729	-1.10286	0.706785	0.922028	-1.08457	2.29065	1.67408	0.64963	1
cg14981637	SLC44A3;SLC44A3	0.128589	0.459478	0.638676	-1.56574	0.126346	2.67649	2.67649	0.892646	1.0837	1.0837	0.344385	0.560013	-1.78567	0.0267569	0.209661	-4.7696	0.425566	0.616079	-1.62317	0.0204659	0.189652	-5.27283	0.417017	0.61032	-1.63848	0.629245	0.748562	-1.33589	2.29063	12.8565	4.98904	1
cg26141247	PPP4R4;PPP4R4	0.128592	0.117436	0.251717	-3.97272	0.422662	0.514588	-1.9433	0.0978121	0.229143	-4.36409	0.333209	0.444979	-2.2473	0.0670271	0.189124	-5.28753	0.638767	0.681437	-1.46749	0.0102701	0.0725049	-13.7922	0.360679	0.466593	-2.1432	0.0472195	0.15851	-6.30876	2.2906	23.8736	9.26436	1
cg23927405	UGT1A10;UGT1A9;UGT1A8	0.128593	0.644008	0.79572	-1.25672	0.634449	0.790399	-1.26518	0.502025	0.715641	-1.39735	0.0464399	0.326253	-3.0651	0.834286	0.90224	-1.10835	0.0447613	0.322611	-3.0997	0.0270833	0.276656	-3.6146	0.13829	0.456742	-2.18942	0.0341281	0.296975	-3.36729	2.2906	8.74821	3.39483	1
cg18078087	CPEB2;CPEB2	0.128593	0.657122	1.19229	1.19229	0.0689802	0.448814	-2.22809	0.0439945	0.402049	-2.48726	0.59846	0.811226	-1.2327	0.416554	0.721173	-1.38663	0.184429	0.574514	-1.7406	0.0297691	0.365355	-2.73706	0.242766	1.61808	1.61808	0.789996	1.1108	1.1108	2.29059	5.62252	2.18188	1
cg04931539	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.128595	0.147861	0.484969	-2.06199	0.568745	1.30798	1.30798	0.0684762	2.58747	2.58747	0.654696	1.23347	1.23347	0.17028	0.506237	-1.97536	0.415317	0.678349	-1.47417	0.064418	0.379685	-2.63376	0.0719135	0.392016	-2.55091	0.641269	1.24448	1.24448	2.29058	7.88183	3.05865	1
cg25005433	ZNF248	0.1286	0.881381	0.983771	-1.0165	0.2538	0.87758	-1.1395	0.152318	0.84534	-1.18296	0.95746	0.994172	-1.00586	0.74991	0.965563	-1.03566	0.967201	0.995504	-1.00452	0.771009	0.968526	-1.0325	0.0405309	1.2959	1.2959	0.0193824	1.36315	1.36315	2.29054	0.435599	0.169043	1
cg07538986	CATSPER1	0.128603	0.552181	1.28357	1.28357	0.0317323	0.351661	-2.84364	0.0363482	0.364228	-2.74553	0.5309	1.30145	1.30145	0.0263089	0.334973	-2.98532	0.715702	0.859136	-1.16396	0.875214	0.93685	-1.06741	0.355248	0.673856	-1.484	0.654625	0.829525	-1.20551	2.29052	6.25033	2.42559	1
cg05298871	ZNF576;IRGQ;ZNF576	0.128611	0.426362	1.16433	1.16433	0.0746939	1.45049	1.45049	0.315497	1.21459	1.21459	0.354641	1.19527	1.19527	0.893448	0.97521	-1.02542	0.752291	0.942414	-1.06111	0.141094	0.743419	-1.34514	0.236963	0.792872	-1.26124	0.0210091	1.68211	1.68211	2.29045	1.27285	0.493972	1
cg09319617	TNR	0.128615	0.061379	2.15576	2.15576	0.92115	0.964559	-1.03674	0.0925241	1.96344	1.96344	0.477543	1.30107	1.30107	0.0219834	0.367366	-2.72208	0.230521	1.58159	1.58159	0.548942	1.24735	1.24735	0.73207	0.882276	-1.13343	0.638724	1.18808	1.18808	2.29042	4.81816	1.86988	1
cg17147045	PREX2;PREX2	0.128615	0.61215	1.1767	1.1767	0.463074	1.26834	1.26834	0.0331751	2.20881	2.20881	0.928297	0.971763	-1.02906	0.156076	1.6208	1.6208	0.218397	0.662319	-1.50985	0.0306687	0.44573	-2.24351	0.745721	1.10911	1.10911	0.775971	1.09505	1.09505	2.29042	3.67401	1.42585	1
cg21071793	ATG7;ATG7;ATG7	0.128615	0.473471	0.734059	-1.36229	0.00439012	0.199283	-5.01798	0.681068	0.839249	-1.19154	0.579536	1.26785	1.26785	0.261979	0.608959	-1.64215	0.510965	0.753722	-1.32675	0.365025	0.673888	-1.48393	0.21643	0.576038	-1.736	0.393265	1.44896	1.44896	2.29041	6.52302	2.53152	1
cg03318121	HACL1;BTD	0.128618	0.6041	0.815347	-1.22647	0.898802	1.05091	1.05091	0.73495	1.14181	1.14181	0.0519491	0.4219	-2.37023	0.514611	0.772676	-1.2942	0.724511	1.14808	1.14808	0.00491921	0.233633	-4.28022	0.973584	0.987161	-1.01301	0.883583	0.944423	-1.05885	2.29039	5.52469	2.14411	1
cg16682935	PAPSS2;PAPSS2	0.128622	0.0284435	0.278916	-3.58531	0.010514	0.204011	-4.9017	0.16283	0.479234	-2.08666	0.839567	0.904762	-1.10526	0.259076	0.559145	-1.78844	0.192652	0.506219	-1.97543	0.171849	0.48767	-2.05057	0.30386	0.591091	-1.69179	0.822814	1.1171	1.1171	2.29036	8.84285	3.43191	1
cg05544007	RFPL3S;RFPL3S	0.128625	0.0687423	0.547969	-1.82492	0.614661	0.860802	-1.16171	0.17861	0.655757	-1.52495	0.338206	0.747127	-1.33846	0.161769	0.643283	-1.55452	0.854323	1.05577	1.05577	0.0474008	0.511831	-1.95377	0.0104189	0.385813	-2.59193	0.221726	0.684377	-1.46118	2.29033	3.16275	1.22748	1
cg10519241	LIX1	0.128626	0.355989	1.20695	1.20695	0.0608892	0.657996	-1.51977	0.805773	1.05002	1.05002	0.852039	1.03768	1.03768	0.753598	0.93952	-1.06437	0.7549	0.939842	-1.06401	0.00882246	1.93591	1.93591	0.313131	1.22961	1.22961	0.61709	1.10502	1.10502	2.29033	1.42377	0.552572	1
cg11285843	TMEM41A	0.128626	0.22407	0.532195	-1.87901	0.14844	2.15	2.15	0.125487	2.26794	2.26794	0.723824	0.839283	-1.19149	0.410178	1.51578	1.51578	0.166063	0.482212	-2.07377	0.0741037	0.374218	-2.67224	0.0885817	2.52884	2.52884	0.631933	1.26913	1.26913	2.29033	8.84653	3.43339	1
cg14756040	BTBD2	0.128627	0.37845	0.882168	-1.13357	0.363966	0.87859	-1.13819	0.221986	1.19493	1.19493	0.0751138	1.31649	1.31649	0.0264476	0.694117	-1.44068	0.50307	0.910018	-1.09888	0.600516	1.07606	1.07606	0.147665	1.24051	1.24051	0.751608	1.04504	1.04504	2.29032	0.698246	0.270994	1
cg23583420	SLC31A2	0.128629	0.921419	1.01944	1.01944	0.518112	1.13635	1.13635	0.0371425	1.60332	1.60332	0.848382	1.03805	1.03805	0.606328	1.10673	1.10673	0.635758	1.09755	1.09755	0.0976563	0.701492	-1.42553	0.0434883	0.635749	-1.57295	0.184199	0.75971	-1.31629	2.2903	1.38063	0.535836	1
cg07741524	ARHGAP17;ARHGAP17	0.128629	0.0028804	0.228316	-4.3799	0.647459	0.84712	-1.18047	0.648787	0.847695	-1.17967	0.520078	1.26486	1.26486	0.807985	0.916001	-1.0917	0.771633	0.900442	-1.11057	0.188896	0.605571	-1.65133	0.976847	1.01051	1.01051	0.766248	0.898139	-1.11341	2.2903	4.71014	1.82805	1
cg12594569	NFATC1;NFATC1;NFATC1	0.128632	0.362802	0.360241	-2.77592	0.884957	0.853819	-1.17121	0.408594	2.51588	2.51588	0.45489	2.29533	2.29533	0.233279	0.255581	-3.91265	0.908911	1.13307	1.13307	0.243429	0.263865	-3.78982	0.00698255	45.0959	45.0959	0.75385	0.709377	-1.40969	2.29027	43.2212	16.7748	1
cg04923746	RD3;RD3	0.128635	0.484172	0.871838	-1.147	0.217082	1.28471	1.28471	0.543703	1.12588	1.12588	0.137612	0.734584	-1.36131	0.300212	0.812941	-1.2301	0.427217	1.16927	1.16927	0.00993185	1.87429	1.87429	0.650402	1.092	1.092	0.757863	0.942091	-1.06147	2.29026	1.34982	0.523891	1
cg23347323	ERCC1;ERCC1;CD3EAP	0.128641	0.0276673	0.431705	-2.3164	0.628723	0.854524	-1.17024	0.102293	0.56162	-1.78056	0.0589161	0.502437	-1.9903	0.048098	0.482419	-2.07289	0.0733192	0.525004	-1.90475	0.0525674	0.491084	-2.03631	0.557408	0.825758	-1.21101	0.406524	0.760346	-1.31519	2.2902	3.7763	1.46568	1
cg18396533	DYDC2;DYDC1	0.128645	0.0725859	0.530162	-1.88621	0.74742	0.902709	-1.10778	0.514835	0.811218	-1.23271	0.179212	0.636373	-1.5714	0.0176578	0.400803	-2.49499	0.349839	0.737237	-1.35642	0.0330617	0.454094	-2.20219	0.0439094	0.480199	-2.08247	0.326964	0.72574	-1.3779	2.29017	3.6396	1.41265	1
cg13943217	PRDM12	0.128645	0.716759	1.45379	1.45379	0.087146	6.95789	6.95789	0.565086	1.81716	1.81716	0.0392859	0.0863627	-11.5791	0.110112	0.167229	-5.97982	0.218493	0.264678	-3.77817	0.279276	0.314987	-3.17473	0.181163	4.29716	4.29716	0.778486	0.748552	-1.33591	2.29017	38.2552	14.8481	1
cg11692820	ESRRG;ESRRG;ESRRG	0.128649	0.294072	0.704388	-1.41967	0.182524	0.634115	-1.577	0.135601	1.67851	1.67851	0.156726	1.62862	1.62862	0.29132	0.702873	-1.42273	0.270869	0.691342	-1.44646	0.0622439	0.508718	-1.96573	0.0952145	0.554161	-1.80453	0.523786	1.23126	1.23126	2.29014	3.7606	1.45963	1
cg08979720	UBC	0.128649	0.21309	0.58738	-1.70248	0.48012	1.33813	1.33813	0.46228	1.35479	1.35479	0.964181	1.01839	1.01839	0.11609	0.500071	-1.99972	0.260935	0.621408	-1.60925	0.00912709	0.260813	-3.83417	0.445425	0.729321	-1.37114	0.128717	0.513629	-1.94693	2.29014	5.97244	2.31812	1
cg00277898	C6orf27	0.128649	0.0598761	0.579299	-1.72622	0.428651	1.23094	1.23094	0.0888307	0.61716	-1.62032	0.371642	0.789879	-1.26602	0.505158	0.840399	-1.18991	0.158922	0.678978	-1.4728	0.0218269	0.492773	-2.02933	0.273888	0.74619	-1.34014	0.0533627	0.568738	-1.75828	2.29014	2.39829	0.930865	1
cg20558646	TAP2;TAP2	0.128649	0.418297	0.873903	-1.14429	0.0396247	0.678559	-1.47371	0.476531	0.888725	-1.12521	0.77502	1.04781	1.04781	0.790636	1.04432	1.04432	0.8642	1.02829	1.02829	0.0149317	1.62871	1.62871	0.391791	0.866767	-1.15371	0.363203	0.858736	-1.1645	2.29014	0.963303	0.373895	1
cg14950165	NUP98;NUP98;NUP98;NUP98	0.12865	0.0971894	0.250228	-3.99635	0.0777373	0.224918	-4.44606	0.173796	0.332443	-3.00803	0.30248	0.443551	-2.25453	0.0511305	0.184434	-5.42199	0.0576718	0.195234	-5.12205	0.0222576	0.124278	-8.04649	0.391548	0.51268	-1.95053	0.0761126	0.222671	-4.49094	2.29013	21.0086	8.15426	1
cg10989870	5-Sep	0.12865	0.534233	0.85969	-1.16321	0.170047	0.704003	-1.42045	0.939094	0.981814	-1.01852	0.0131018	0.477591	-2.09384	0.0514682	0.587151	-1.70314	0.0796462	0.626761	-1.5955	0.799317	0.940651	-1.06309	0.0629629	0.605083	-1.65267	0.971547	0.991471	-1.0086	2.29013	2.09209	0.812024	1
cg01383911	TRIM39;TRIM39	0.128651	0.568293	0.806897	-1.23932	0.608267	0.825025	-1.21208	?	?	?	0.894381	1.05066	1.05066	0.00774705	0.280137	-3.56968	0.505043	0.777515	-1.28615	0.0349217	0.400698	-2.49564	0.906927	1.04448	1.04448	0.354773	0.701743	-1.42502	2.3112	4.50397	1.94876	1
cg07880727	C7orf69;PKD1L1	0.128654	0.459682	1.36243	1.36243	0.246742	1.64476	1.64476	0.715837	1.16206	1.16206	0.633421	0.820873	-1.21821	0.576376	0.793043	-1.26097	0.0629015	2.36225	2.36225	0.010367	3.76743	3.76743	0.0807837	2.21557	2.21557	0.851601	0.925948	-1.07997	2.2901	6.12137	2.37598	1
cg19872136	RERE;RERE	0.128655	0.429451	0.793584	-1.26011	0.0231683	0.459264	-2.1774	0.217607	0.689499	-1.45033	0.854787	1.05392	1.05392	0.0780805	0.570553	-1.75268	0.583468	0.853229	-1.17202	0.0500709	0.527079	-1.89725	0.170146	1.5201	1.5201	0.906217	0.966782	-1.03436	2.29009	2.98001	1.15668	1
cg19284751	MARCO;MARCO	0.128657	0.100655	0.207946	-4.80895	0.307816	0.397752	-2.51413	0.0341209	0.115396	-8.66584	0.106891	0.214964	-4.65194	0.0211794	0.0889026	-11.2483	0.243304	0.344292	-2.90451	0.0546145	0.148954	-6.71348	0.184171	0.292198	-3.42234	0.123432	0.232849	-4.29463	2.29008	27.6644	10.7379	1
cg08417382	IKBKG;G6PD;G6PD;IKBKG;IKBKG;IKBKG	0.12866	0.0248686	0.0362948	-27.5522	0.8557	1.24598	1.24598	0.79026	1.38005	1.38005	0.240217	4.46335	4.46335	0.181012	5.6488	5.6488	0.0478914	0.0613967	-16.2875	0.274526	3.98186	3.98186	0.782801	1.39645	1.39645	0.792454	1.37527	1.37527	2.41851	54.7137	17.5956	1
cg25299176	YWHAE;YWHAE	0.128662	0.871302	1.0453	1.0453	0.0478023	0.538823	-1.8559	0.567909	1.17086	1.17086	0.35462	0.770882	-1.29721	0.650847	0.882938	-1.13258	0.157731	0.661816	-1.51099	0.0471944	1.85993	1.85993	0.718877	0.905947	-1.10382	0.0609833	0.561562	-1.78075	2.29003	2.70815	1.05118	1
cg16678564	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.128665	0.148725	0.481218	-2.07806	0.0328783	0.307707	-3.24985	0.998822	1.0007	1.0007	0.663206	0.813067	-1.22991	0.0847769	0.406477	-2.46016	0.22811	0.550217	-1.81746	0.0158129	0.247522	-4.04004	0.0827803	0.403621	-2.47757	0.262201	0.575728	-1.73693	2.29001	8.0892	3.13989	1
cg01559436	ARSK;TTC37	0.128665	0.627385	0.823199	-1.21477	0.702647	1.16473	1.16473	0.824463	0.915508	-1.09229	0.164202	0.551227	-1.81413	0.00395727	0.198669	-5.03349	0.316747	0.66148	-1.51176	0.517875	0.770292	-1.29821	0.142551	0.530876	-1.88368	0.538776	0.780591	-1.28108	2.41846	5.91788	1.90319	1
cg14259326	ATAD1	0.128665	0.72458	0.914258	-1.09378	0.0744605	0.604358	-1.65465	0.0763395	0.606746	-1.64814	0.126476	1.52029	1.52029	0.02881	0.520336	-1.92183	0.104522	0.637864	-1.56773	0.440026	0.819102	-1.22085	0.584344	0.86937	-1.15026	0.412733	0.808799	-1.2364	2.29001	2.32884	0.903962	1
cg15024309	HDX	0.128666	0.0360953	0.228045	-4.3851	0.285044	0.509967	-1.96091	0.964416	1.02742	1.02742	0.42948	0.613174	-1.63086	0.0253002	0.199336	-5.01666	0.0218385	0.188465	-5.30604	0.231099	0.466828	-2.14212	0.531474	0.680862	-1.46873	0.124864	0.36513	-2.73875	2.29	13.3385	5.17749	1
cg05638359	FAM5C	0.128668	?	?	?	0.594064	1.36266	1.36266	?	?	?	0.171695	2.34777	2.34777	0.0349901	4.44521	4.44521	0.0433742	4.06964	4.06964	0.573652	0.720954	-1.38705	0.687042	0.792439	-1.26193	?	?	?	2.66956	8.82366	3.30529	1
cg00717995	ERI3	0.128671	0.683214	1.27784	1.27784	0.144854	0.392325	-2.54891	0.0912942	0.329145	-3.03817	0.189735	2.29328	2.29328	0.120725	0.36583	-2.73351	0.747495	1.21291	1.21291	0.0331123	0.225684	-4.43097	0.279808	1.95689	1.95689	0.911832	1.06843	1.06843	2.28996	12.9498	5.02669	1
cg16581905	FAM53C;FAM53C	0.128673	0.361132	0.854771	-1.1699	0.463236	1.13293	1.13293	0.0854402	0.727736	-1.37412	0.48582	0.888357	-1.12567	0.281176	1.2059	1.2059	0.0223503	0.632828	-1.58021	0.147034	1.2971	1.2971	0.216928	0.804795	-1.24255	0.95078	0.989734	-1.01037	2.28995	1.01338	0.393362	1
cg01083380	MECOM;MECOM;MECOM;MECOM;MECOM;MECOM	0.128676	0.746745	1.35207	1.35207	0.286915	0.357223	-2.79937	0.392006	2.26228	2.26228	0.516306	0.541924	-1.84528	0.113062	0.200797	-4.98016	0.626559	0.633514	-1.5785	0.0910062	0.176741	-5.65798	0.0257701	11.7625	11.7625	0.282783	2.82626	2.82626	2.28992	31.429	12.1999	1
cg11734183	RGMB;RGMB	0.12868	0.927163	0.971683	-1.02914	0.880728	1.0483	1.0483	0.733428	1.11338	1.11338	0.289435	1.41265	1.41265	0.671389	1.14347	1.14347	0.0622586	0.51716	-1.93364	0.0420926	2.08713	2.08713	0.289303	1.41279	1.41279	0.028412	2.25399	2.25399	2.28988	3.57977	1.3896	1
cg17439009	ATF7IP	0.128682	0.368435	0.900719	-1.11022	0.123026	0.827692	-1.20818	0.786185	0.969693	-1.03125	0.856543	0.979726	-1.02069	0.25174	1.14514	1.14514	0.107913	0.819918	-1.21963	0.0290996	0.747443	-1.33789	0.0870603	1.23846	1.23846	0.996635	0.999523	-1.00048	2.28987	0.46462	0.180358	1
cg03131171	MDGA1	0.128683	0.041463	9.81499	9.81499	0.297668	2.85387	2.85387	0.174142	4.07256	4.07256	0.492604	1.96777	1.96777	0.0326646	11.3366	11.3366	0.167719	4.17143	4.17143	0.0514404	8.618	8.618	0.0341528	11.0351	11.0351	0.125996	4.99329	4.99329	2.28987	34.2165	13.2823	1
cg14565265	LRRC8D;LRRC8D	0.128687	0.00809312	0.241968	-4.13278	0.858429	1.07757	1.07757	0.334177	0.659174	-1.51705	0.705184	0.852963	-1.17238	0.0842022	0.449609	-2.22415	0.0311597	0.347065	-2.8813	0.514153	0.758193	-1.31893	0.464014	0.732091	-1.36595	0.799072	0.89877	-1.11263	2.28983	6.34936	2.46476	1
cg18979423	ATF6B;ATF6B	0.128692	0.188748	0.437813	-2.28408	0.988609	1.0085	1.0085	0.333628	0.553476	-1.80676	0.500069	0.666277	-1.50088	0.127405	0.376134	-2.65863	0.440809	0.627332	-1.59405	0.00395915	0.100388	-9.96138	0.728028	1.23008	1.23008	0.279459	0.513264	-1.94831	2.28979	12.76	4.95337	1
cg00220455	TBC1D10C	0.128693	0.218264	0.697047	-1.43462	0.0222592	0.466008	-2.14588	0.0282429	0.485814	-2.0584	0.667434	1.12802	1.12802	0.356525	0.767758	-1.30249	0.173522	1.49714	1.49714	0.890444	0.96232	-1.03915	0.825033	1.06365	1.06365	0.490855	0.822818	-1.21534	2.28978	2.81651	1.09336	1
cg11429969	PCDHA2;PCDHA1;PCDHA3;PCDHA3;PCDHA1	0.128696	0.0378716	5.40046	5.40046	0.0445112	5.0338	5.0338	0.163463	2.83426	2.83426	0.234321	2.39476	2.39476	0.63632	1.39605	1.39605	0.0973062	3.57711	3.57711	0.0802877	3.89266	3.89266	0.0548632	4.59618	4.59618	0.0533298	4.65322	4.65322	2.28976	17.7937	6.90755	1
ch.8.362960F	SGCZ	0.128696	0.14111	0.512278	-1.95206	0.272656	0.617235	-1.62013	0.0908128	0.455061	-2.19751	0.858218	0.927216	-1.0785	0.0833305	0.444805	-2.24818	0.109383	0.478211	-2.09113	0.0131614	0.272769	-3.66611	0.0526272	0.394116	-2.53733	0.671537	0.83506	-1.19752	2.28975	6.47666	2.51426	1
cg26519403	ATP13A2;ATP13A2;ATP13A2	0.128696	0.870993	1.02028	1.02028	0.568701	1.07377	1.07377	0.70584	0.954231	-1.04796	0.450921	0.909462	-1.09955	0.91927	1.0126	1.0126	0.740355	0.959745	-1.04194	0.00424149	0.623196	-1.60463	0.540557	1.07955	1.07955	0.234592	1.16641	1.16641	2.28975	0.553553	0.214891	1
cg08258719	FBLIM1;FBLIM1;FBLIM1	0.128698	0.644264	1.25218	1.25218	0.16962	0.492817	-2.02915	0.688492	0.822902	-1.21521	0.405208	1.50969	1.50969	0.0103775	0.209868	-4.76491	0.111012	0.431813	-2.31582	0.832161	0.902444	-1.1081	0.871219	1.08163	1.08163	0.0787528	0.38896	-2.57096	2.28974	8.48352	3.29334	1
cg02717454	CREBBP;CREBBP	0.128699	0.228675	0.427377	-2.33985	0.457432	1.66393	1.66393	0.220385	2.37972	2.37972	0.491402	0.62484	-1.60041	0.453416	0.598153	-1.67181	0.712316	1.28302	1.28302	0.0122625	0.122557	-8.15948	0.224938	0.424163	-2.35759	0.0930792	0.288472	-3.46654	2.28973	16.4191	6.37399	1
cg18707780	LYSMD4	0.128699	0.847658	1.05603	1.05603	0.352943	1.31117	1.31117	0.327929	0.751092	-1.33139	0.390538	0.779285	-1.28323	0.906987	0.967413	-1.03368	0.162547	0.655346	-1.52591	0.0150923	0.428939	-2.33134	0.815358	0.935847	-1.06855	0.0684262	1.78288	1.78288	2.28973	2.91345	1.13102	1
cg05377587	TBCD	0.1287	0.324356	1.40455	1.40455	0.249802	1.49397	1.49397	0.245283	0.66655	-1.50026	0.556401	1.21965	1.21965	0.0106904	0.342677	-2.9182	0.960766	0.983715	-1.01655	0.165543	1.63828	1.63828	0.609336	0.841955	-1.18771	0.55334	1.22158	1.22158	2.28973	4.04005	1.56838	1
cg27459121	MAPK8IP3;MAPK8IP3	0.1287	0.308901	0.801238	-1.24807	0.0156896	1.86483	1.86483	0.0977599	1.4656	1.4656	0.569748	1.12849	1.12849	0.279742	0.789423	-1.26675	0.215462	1.31567	1.31567	0.390822	0.831088	-1.20324	0.276924	1.26865	1.26865	0.841794	0.958819	-1.04295	2.28973	1.60573	0.623355	1
cg23213892	SPATA21	0.1287	0.0685419	0.184735	-5.41316	0.135329	0.263609	-3.7935	0.0662522	0.181525	-5.50887	0.472503	0.545944	-1.83169	0.0323754	0.125553	-7.96479	0.191926	0.3185	-3.13972	0.0283799	0.117287	-8.5261	0.0706542	0.187652	-5.32901	0.281414	0.395645	-2.52752	2.28972	24.8784	9.65801	1
cg03648823	ZNF643	0.128702	0.690775	1.03609	1.03609	0.180418	0.881513	-1.13441	0.134559	1.15379	1.15379	0.592297	1.0491	1.0491	0.28091	0.905405	-1.10448	0.0648118	1.20187	1.20187	0.0588825	0.827647	-1.20825	0.171776	1.13767	1.13767	0.678082	0.963666	-1.0377	2.28971	0.285095	0.110677	1
cg15081723	TBCE;TBCE	0.128703	0.00706289	0.548016	-1.82477	0.235772	1.23942	1.23942	0.367484	1.17342	1.17342	0.421862	0.867848	-1.15228	0.184525	0.784159	-1.27525	0.442544	0.873488	-1.14484	0.731111	0.942148	-1.0614	0.600838	1.09548	1.09548	0.791141	1.04692	1.04692	2.2897	1.08222	0.420132	1
cg15014811	PLEKHA9	0.128705	0.600151	1.12489	1.12489	0.0724266	0.640154	-1.56212	0.125084	0.69114	-1.44688	0.36639	1.22935	1.22935	0.0403155	1.69397	1.69397	0.812548	0.948513	-1.05428	0.0770805	1.54867	1.54867	0.733784	0.926855	-1.07892	0.925426	1.02105	1.02105	2.28969	1.79542	0.69701	1
cg25048531	LOC440839	0.128707	0.583773	0.872281	-1.14642	0.162891	1.44464	1.44464	0.0310259	1.86874	1.86874	0.326361	1.28435	1.28435	0.988039	1.00371	1.00371	0.350255	1.26801	1.26801	0.00892553	2.27404	2.27404	0.386514	1.24511	1.24511	0.327215	1.28375	1.28375	2.28967	2.21173	0.858631	1
cg04302752	DPY30	0.128709	0.0472186	0.626134	-1.5971	0.0233207	1.74876	1.74876	0.391782	1.19832	1.19832	0.688769	1.08656	1.08656	0.305779	0.803604	-1.24439	0.540118	0.879951	-1.13643	0.179155	0.745094	-1.34211	0.440736	0.850345	-1.17599	0.840499	1.04243	1.04243	2.28965	1.5418	0.598556	1
cg00851173	KIAA0195	0.128709	0.877425	1.02236	1.02236	0.808701	1.03537	1.03537	0.130622	1.26353	1.26353	0.0456178	1.38877	1.38877	0.892964	1.01948	1.01948	0.414248	1.12703	1.12703	0.0203071	0.669732	-1.49313	0.411946	1.12773	1.12773	0.276128	1.17624	1.17624	2.28965	0.744518	0.289037	1
cg26386852	CELSR3	0.12871	0.0578769	22.4027	22.4027	0.110274	12.4753	12.4753	0.229949	6.21174	6.21174	0.0832758	16.1236	16.1236	0.267885	5.33085	5.33085	0.264353	5.40303	5.40303	0.144305	9.71934	9.71934	0.0129462	87.6171	87.6171	0.0655746	20.0169	20.0169	2.28965	76.2472	29.6008	1
cg14470851	RDH11	0.128713	0.0988038	0.14382	-6.95314	0.0202195	0.0497643	-20.0947	0.0723598	0.116671	-8.57109	0.647562	0.610701	-1.63746	0.0616331	0.104826	-9.5396	0.237423	0.265513	-3.76629	0.0439224	0.0836678	-11.952	0.553572	0.526201	-1.90042	0.112089	0.156662	-6.38317	2.28962	41.6268	16.1606	1
cg26915704	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.128718	0.47396	0.846084	-1.18192	0.17469	1.39282	1.39282	0.829516	0.951715	-1.05073	0.544752	0.868765	-1.15106	0.303249	0.782913	-1.27728	0.0549079	0.606762	-1.64809	0.0447501	0.589328	-1.69685	0.931536	1.01992	1.01992	0.0263552	0.546362	-1.83029	2.28957	1.91004	0.741541	1
cg14126583	SLC40A1	0.12872	0.0926629	8.75604	8.75604	0.026138	22.0761	22.0761	0.0902616	8.92714	8.92714	0.245537	4.15475	4.15475	0.359699	3.01705	3.01705	0.125175	7.00233	7.00233	0.21369	4.64296	4.64296	0.0165992	30.8941	30.8941	0.167294	5.61916	5.61916	2.28956	49.8605	19.3576	1
cg17207512	NEDD9;NEDD9	0.128721	0.659772	1.17939	1.17939	0.400743	0.7259	-1.3776	0.247727	0.637577	-1.56844	0.009311	0.292694	-3.41654	0.0434611	0.421121	-2.37462	0.120233	0.5338	-1.87336	0.375666	0.712752	-1.40301	0.26598	0.649409	-1.53986	0.137371	0.551048	-1.81472	2.28955	5.02982	1.95276	1
cg09324653	MGAT5	0.128722	0.255988	0.775283	-1.28985	0.337589	0.808798	-1.2364	0.44493	0.846067	-1.18194	0.791885	1.05841	1.05841	0.0314293	0.581743	-1.71897	0.188824	1.34829	1.34829	0.0419672	1.65385	1.65385	0.458356	0.850367	-1.17596	0.503147	0.864284	-1.15703	2.28954	1.67075	0.648652	1
cg06274396	HELT	0.128725	0.0359137	0.589353	-1.69678	0.506224	0.864063	-1.15732	0.084206	1.51265	1.51265	0.22616	1.31695	1.31695	0.217323	0.754892	-1.32469	0.522503	1.15074	1.15074	0.190111	1.35069	1.35069	0.185675	1.35529	1.35529	0.754558	1.0703	1.0703	2.28952	1.70174	0.660688	1
cg20135607	PHF1;PHF1;PHF1	0.128727	0.00446054	0.287196	-3.48195	0.82039	0.927926	-1.07767	0.678787	0.871989	-1.1468	0.665837	1.15364	1.15364	0.485329	0.791979	-1.26266	0.633465	1.17119	1.17119	0.319359	1.40283	1.40283	0.76229	1.10493	1.10493	0.212742	0.649423	-1.53983	2.28951	3.92323	1.52317	1
cg19860663	FBXW8;FBXW8	0.128727	0.0940164	1.78425	1.78425	0.101504	1.75735	1.75735	0.216263	1.50561	1.50561	0.302417	0.714662	-1.39926	0.106967	0.575002	-1.73912	0.244663	0.682005	-1.46627	0.176568	0.636507	-1.57108	0.265171	0.694083	-1.44075	0.753038	1.10435	1.10435	2.2895	3.5857	1.39213	1
cg03812977	LYRM2;LYRM2;LYRM2;LYRM2;LYRM2	0.128728	0.617869	0.932129	-1.07281	0.812161	0.967279	-1.03383	0.211202	0.83187	-1.20211	0.453	0.898676	-1.11275	0.259005	0.84826	-1.17888	0.878232	1.02166	1.02166	0.00389938	0.580983	-1.72122	0.347997	1.14457	1.14457	0.851184	0.974096	-1.02659	2.2895	0.708126	0.274927	1
cg04066637	TMEM114	0.128733	0.636835	1.19105	1.19105	0.00557991	3.81215	3.81215	0.0399671	2.39366	2.39366	0.525815	0.789517	-1.2666	0.409746	1.36333	1.36333	0.395847	1.37667	1.37667	0.461196	1.31757	1.31757	0.421572	1.35234	1.35234	0.827406	1.08359	1.08359	2.28946	4.90074	1.90273	1
cg10174972	TOPBP1	0.128734	0.0415129	3.81907	3.81907	0.0949039	2.847	2.847	0.369389	1.69136	1.69136	0.0819265	3.00081	3.00081	0.740924	0.827663	-1.20822	0.601243	1.35067	1.35067	0.0518867	0.283358	-3.5291	0.550427	1.41115	1.41115	0.454511	1.54388	1.54388	2.28945	11.7839	4.57515	1
cg19548283	FLJ31306;FLJ31306;ARID4A;ARID4A;ARID4A	0.128735	0.944048	0.972569	-1.0282	?	?	?	?	?	?	0.0465467	2.46775	2.46775	?	?	?	0.0419754	2.53134	2.53134	0.508897	0.766789	-1.30414	0.123231	1.93804	1.93804	0.354107	1.45907	1.45907	2.36909	3.92804	2.21072	1
cg00994936	DAZAP1;DAZAP1	0.128737	0.50876	1.38313	1.38313	0.419529	0.67093	-1.49047	0.14917	0.47309	-2.11376	0.746702	0.854865	-1.16978	0.0222814	0.265688	-3.76381	0.48951	0.711988	-1.40452	0.905992	1.05883	1.05883	0.907233	0.945155	-1.05803	0.0118013	0.218377	-4.57924	2.28942	8.48946	3.29611	1
cg17499212	KCNAB2;KCNAB2	0.128741	0.300891	0.695759	-1.43728	0.125744	0.570814	-1.75188	0.428786	1.31438	1.31438	0.57508	1.21127	1.21127	0.191092	0.625977	-1.5975	0.265698	0.675366	-1.48068	0.0226985	0.397315	-2.5169	0.0314816	0.425833	-2.34834	0.902723	1.04225	1.04225	2.28939	4.15239	1.61222	1
cg05759718	AGBL4;AGBL4	0.128741	0.159405	1.75101	1.75101	0.769024	0.896101	-1.11595	0.130038	0.543762	-1.83904	0.0540752	0.44284	-2.25815	0.316491	0.679901	-1.4708	0.235136	0.629031	-1.58975	0.128891	0.542612	-1.84294	0.0772484	0.481029	-2.07888	0.254834	1.55726	1.55726	2.28939	5.03247	1.95393	1
cg25556607	LMTK2	0.128744	0.357948	1.11392	1.11392	0.684427	1.04774	1.04774	0.0323265	0.751246	-1.33112	0.354222	0.896931	-1.11491	0.0692859	1.26104	1.26104	0.677683	1.04886	1.04886	0.0910113	1.23672	1.23672	0.409984	0.908317	-1.10094	0.332288	1.12092	1.12092	2.28937	0.472258	0.183363	1
cg17127050	PPM1K	0.128744	0.740421	0.894921	-1.11742	0.306243	1.42437	1.42437	0.196374	1.57801	1.57801	0.176353	0.618791	-1.61606	0.29151	0.693858	-1.44122	0.0129901	0.357244	-2.79921	0.132372	0.581428	-1.7199	0.701674	0.879392	-1.13715	0.654023	1.16258	1.16258	2.28937	4.04303	1.56978	1
cg10672804	CBS	0.128749	0.558698	0.889512	-1.12421	0.390253	1.19041	1.19041	0.0403291	0.625665	-1.5983	0.537834	1.13146	1.13146	0.681139	1.08524	1.08524	0.0586305	1.52643	1.52643	0.14649	1.36149	1.36149	0.621455	0.906155	-1.10356	0.117157	0.713931	-1.4007	2.28933	1.42125	0.551835	1
cg01263716	PHLDA2	0.128755	0.44205	1.69307	1.69307	0.394162	0.556396	-1.79728	0.225237	0.42504	-2.35272	?	?	?	0.839306	0.872503	-1.14613	0.670146	0.749899	-1.33351	0.591748	0.695127	-1.43859	0.00722101	10.2655	10.2655	0.738499	0.798469	-1.2524	2.31033	14.676	6.35234	1
cg26639146	CD9	0.128757	0.17311	3.73775	3.73775	0.16123	3.8996	3.8996	0.847386	1.19154	1.19154	0.153731	4.01126	4.01126	0.549752	1.73401	1.73401	0.239031	3.06948	3.06948	0.0160362	14.598	14.598	0.0279458	10.6137	10.6137	0.0584482	6.99124	6.99124	2.28926	29.993	11.6459	1
cg20781238	CEND1	0.128758	0.770173	1.24919	1.24919	0.0053487	16.2219	16.2219	0.0990476	3.94897	3.94897	0.820576	1.18831	1.18831	0.758642	1.26374	1.26374	0.992264	0.992664	-1.00739	0.454495	0.560668	-1.78359	0.391932	1.94674	1.94674	0.383435	0.507227	-1.9715	2.28925	20.914	8.12065	1
cg21971621	SNX32	0.128759	0.193667	1.30523	1.30523	0.178858	1.31864	1.31864	0.668845	1.08691	1.08691	0.45795	1.15765	1.15765	0.866243	1.03319	1.03319	0.969071	1.00754	1.00754	0.00622422	0.501213	-1.99516	0.982979	1.00414	1.00414	0.89343	1.0263	1.0263	2.28924	1.36011	0.528116	1
cg17474435	TMBIM6;TMBIM6	0.12876	0.65295	0.944741	-1.05849	0.791074	0.967206	-1.03391	0.409365	0.899458	-1.11178	0.581547	1.07241	1.07241	0.00991639	1.50547	1.50547	0.316387	1.13892	1.13892	0.882187	1.0188	1.0188	0.067031	0.772745	-1.29409	0.516665	1.08608	1.08608	2.28924	0.57181	0.222028	1
cg17797395	GRIP2	0.128763	0.0811387	1.51085	1.51085	0.07561	1.52514	1.52514	0.993798	0.998343	-1.00166	0.180645	1.35443	1.35443	0.0582812	1.57883	1.57883	0.0336416	1.69818	1.69818	0.0633945	1.56131	1.56131	0.708167	1.08356	1.08356	0.579315	0.887354	-1.12695	2.28921	1.65132	0.641199	1
cg07104706	SLITRK1;SLITRK1	0.128766	0.388362	0.888971	-1.1249	0.200277	0.835181	-1.19734	0.426871	0.897627	-1.11405	0.201578	1.19665	1.19665	0.659867	1.06073	1.06073	0.0162591	0.676232	-1.47878	0.0331804	0.717866	-1.39302	0.893295	0.982293	-1.01803	0.786378	0.964483	-1.03683	2.28919	0.642525	0.249491	1
cg25154581	EIF2B5	0.128768	0.760713	1.03462	1.03462	0.518331	0.929644	-1.07568	0.639769	1.05392	1.05392	0.0697661	0.797775	-1.25349	0.0197372	1.36847	1.36847	0.0752319	1.24693	1.24693	0.889616	1.01559	1.01559	0.889376	0.984615	-1.01563	0.223304	1.15321	1.15321	2.28917	0.449987	0.174731	1
cg00765710	PGBD2;PGBD2	0.128768	0.19826	0.643867	-1.55311	0.4417	0.775681	-1.28919	0.671614	1.14806	1.14806	0.616555	0.849191	-1.17759	0.00992645	0.348331	-2.87083	0.138304	0.596492	-1.67647	0.139574	1.67327	1.67327	0.672213	0.871271	-1.14775	0.245388	0.674747	-1.48204	2.28917	3.80116	1.476	1
cg18558744	DIP2C	0.128773	0.551193	1.31541	1.31541	0.0649947	0.389807	-2.56537	0.887976	0.937926	-1.06618	0.279163	0.599554	-1.66791	0.0149329	0.256442	-3.89952	0.739056	0.858994	-1.16415	0.107517	2.22249	2.22249	0.340995	0.640098	-1.56226	0.789566	0.88549	-1.12932	2.28913	7.49463	2.91023	1
cg21101631	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDH	0.128774	0.222044	0.675975	-1.47935	0.900962	1.03872	1.03872	0.335726	1.35377	1.35377	0.875127	1.04916	1.04916	0.167315	0.638169	-1.56698	0.722977	1.11472	1.11472	0.0069741	0.344756	-2.9006	0.142351	0.618024	-1.61806	0.572118	0.840136	-1.19028	2.28912	3.37548	1.31073	1
cg22975712	GALR3	0.128774	0.481655	0.738583	-1.35394	0.266298	0.612172	-1.63353	0.811996	1.10623	1.10623	0.707529	0.852413	-1.17314	0.00967751	0.249829	-4.00273	0.0321891	0.34543	-2.89494	0.101582	0.467933	-2.13706	0.144046	0.514292	-1.94442	0.54201	0.769876	-1.29891	2.28912	6.50807	2.52715	1
cg04143211	TTC7B	0.128776	0.209617	0.720735	-1.38747	0.138843	1.48375	1.48375	0.383811	1.24752	1.24752	0.444324	1.21304	1.21304	0.432659	0.820114	-1.21934	0.630603	0.886924	-1.12749	0.00836916	2.30336	2.30336	0.340472	1.27544	1.27544	0.852521	1.04717	1.04717	2.28911	2.22365	0.863469	1
cg15894431	YAP1;YAP1	0.128778	0.0138767	0.350417	-2.85374	0.572713	1.21726	1.21726	0.926075	1.03253	1.03253	0.297296	0.688866	-1.45166	0.918534	0.965326	-1.03592	0.256954	0.664906	-1.50397	0.145168	1.71538	1.71538	0.615253	1.191	1.191	0.0811353	0.51325	-1.94837	2.28909	4.3135	1.675	1
cg25735398	DIRAS1	0.128778	0.160661	1.67919	1.67919	0.0109688	3.01623	3.01623	0.157193	1.68747	1.68747	0.0981874	1.87269	1.87269	0.797355	1.09308	1.09308	0.511172	0.794144	-1.25922	0.110747	1.82402	1.82402	0.839538	1.07264	1.07264	0.576396	0.822662	-1.21557	2.28909	4.33703	1.68414	1
cg13142019	PDE6B;PDE6B;PDE6B	0.128779	0.256157	0.840313	-1.19003	0.366607	1.14585	1.14585	0.761749	1.04564	1.04564	0.30752	1.16771	1.16771	0.0488682	0.718814	-1.39118	0.461894	1.11621	1.11621	0.0837837	1.32429	1.32429	0.200538	0.819996	-1.21952	0.113287	0.776502	-1.28783	2.28908	0.781085	0.303308	1
cg25080465	TRIM8	0.12878	0.221351	0.753885	-1.32646	0.405251	0.829325	-1.2058	0.342113	0.806448	-1.24001	0.110307	0.682181	-1.46589	0.281059	1.27919	1.27919	0.197401	0.741221	-1.34913	0.0202307	1.85036	1.85036	0.76131	1.06925	1.06925	0.537773	0.871868	-1.14696	2.28907	1.75102	0.679953	1
cg20346189	CITED1;CITED1;CITED1;CITED1	0.128785	0.923516	0.956132	-1.04588	0.169966	0.505184	-1.97948	0.0116104	4.36623	4.36623	0.840435	0.910124	-1.09875	0.259457	0.5772	-1.7325	0.319884	0.618676	-1.61636	0.488722	0.719951	-1.38898	0.652531	1.23581	1.23581	0.169151	1.9824	1.9824	2.28903	7.91166	3.07229	1
cg11535529	CAMTA1	0.128787	0.975878	0.986628	-1.01355	0.337089	1.55372	1.55372	0.884309	1.06697	1.06697	0.602625	1.26348	1.26348	0.024668	0.303875	-3.29082	0.0426833	0.353849	-2.82606	0.119571	2.12125	2.12125	0.568088	1.29292	1.29292	0.54906	1.30988	1.30988	2.28902	7.18676	2.79082	1
cg04285727	PRDM16;PRDM16	0.128787	0.0480164	0.711679	-1.40513	0.0305042	0.68209	-1.46608	0.155824	0.795718	-1.25673	0.675144	0.93854	-1.06548	0.722155	0.947689	-1.0552	0.797721	1.03941	1.03941	0.12203	1.28687	1.28687	0.122432	0.777322	-1.28647	0.343586	0.863446	-1.15815	2.28902	0.820988	0.318813	1
cg00235337	TMBIM1;PNKD;TMBIM1	0.128788	0.806244	1.03195	1.03195	0.984976	1.00241	1.00241	0.271511	0.863708	-1.1578	0.019684	0.697238	-1.43423	0.0273107	0.71586	-1.39692	0.0887587	0.786387	-1.27164	0.366315	0.887986	-1.12614	0.534356	1.08388	1.08388	0.190712	0.837484	-1.19405	2.289	0.593961	0.230653	1
cg15403961	GALNTL6	0.128792	0.813603	1.0427	1.0427	0.0377277	1.53213	1.53213	0.319711	0.833567	-1.19966	0.62441	1.09129	1.09129	0.0624981	1.4494	1.4494	0.11584	1.35336	1.35336	0.633236	0.918413	-1.08883	0.864522	0.97022	-1.03069	0.0356496	1.54172	1.54172	2.28898	1.13623	0.441235	1
cg14063817	EXOC2	0.128792	0.0202763	0.466413	-2.14402	0.204485	0.694271	-1.44036	0.263479	1.37392	1.37392	0.156423	0.661577	-1.51154	0.830259	1.06025	1.06025	0.132584	0.642581	-1.55622	0.780913	1.07894	1.07894	0.911077	1.03091	1.03091	0.0573831	0.556673	-1.79639	2.28897	2.69225	1.0455	1
cg07813142	SP5	0.128793	0.0499085	38.4264	38.4264	0.807488	1.48934	1.48934	0.196609	9.27832	9.27832	0.696305	0.527283	-1.89651	0.832326	0.707555	-1.41332	0.930426	0.867201	-1.15314	0.0213601	91.1878	91.1878	0.0271147	71.4109	71.4109	0.832346	1.41326	1.41326	2.28897	96.5158	37.4806	1
cg24332433	SLC39A11;SLC39A11	0.128794	0.654692	0.902282	-1.1083	0.0234094	1.85631	1.85631	0.22349	1.33929	1.33929	0.165296	0.713162	-1.40221	0.831371	0.952458	-1.04991	0.162833	1.40536	1.40536	0.129455	0.687841	-1.45382	0.709988	1.08907	1.08907	0.230692	1.3327	1.3327	2.28896	1.89142	0.734513	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01291665	C10orf47	0.128794	0.765955	0.868151	-1.15187	0.0139576	4.21283	4.21283	0.250366	1.76634	1.76634	0.403296	1.49942	1.49942	0.185849	0.514589	-1.9433	0.935673	0.962489	-1.03897	0.780793	1.14126	1.14126	0.0361709	3.17049	3.17049	0.52028	1.36161	1.36161	2.28896	8.13251	3.15817	1
cg01883482	NKAIN4;FLJ16779	0.128796	0.126736	0.359385	-2.78254	0.0141786	0.153371	-6.52014	0.0106349	0.136698	-7.31538	0.459821	0.627355	-1.59399	0.344905	0.547326	-1.82707	0.259951	0.482868	-2.07096	0.438442	0.612852	-1.63172	0.419953	0.600195	-1.66613	0.64671	0.751331	-1.33097	2.28894	13.9144	5.40353	1
cg13795488	ZNF787	0.128796	0.875172	1.03406	1.03406	0.44683	0.847739	-1.17961	0.684414	0.916627	-1.09096	0.0748134	1.52616	1.52616	0.980063	0.994691	-1.00534	0.0262908	1.75317	1.75317	0.187263	1.34685	1.34685	0.0669146	0.645602	-1.54894	0.662933	1.09794	1.09794	2.28894	1.64531	0.638942	1
cg20206322	CST1	0.128797	0.799852	0.911588	-1.09699	0.996406	1.00164	1.00164	0.740124	1.12894	1.12894	0.155643	0.57491	-1.7394	0.653211	0.848074	-1.17914	0.349373	0.703986	-1.42048	0.0333246	2.475	2.475	0.0287433	0.390682	-2.55963	0.18079	0.595859	-1.67825	2.28893	4.81256	1.86892	1
cg19822214	CNOT3	0.128798	0.538806	1.12183	1.12183	0.424857	0.860227	-1.16248	0.301007	0.820386	-1.21894	0.973564	1.00614	1.00614	0.288005	1.22604	1.22604	0.188232	1.2938	1.2938	0.0245362	1.64026	1.64026	0.0645909	1.46743	1.46743	0.0677841	1.45931	1.45931	2.28892	1.23725	0.480478	1
cg10994223	TRIM5;TRIM5;TRIM5;TRIM5;TRIM5;TRIM5	0.128798	0.0826421	0.239273	-4.17933	0.0326416	0.155643	-6.42496	0.0974005	0.25837	-3.87041	0.0603339	0.206774	-4.83619	0.0494294	0.188575	-5.30294	0.0674754	0.217765	-4.5921	0.103845	0.266264	-3.75568	0.240805	0.401051	-2.49345	0.191982	0.357856	-2.79442	2.28892	20.0682	7.79336	1
cg26896918	C10orf93	0.128799	0.650698	0.83121	-1.20307	0.0291537	0.352538	-2.83658	0.0328034	0.363219	-2.75316	0.0815746	0.457086	-2.18777	0.816209	0.909895	-1.09903	0.174809	0.556922	-1.79558	0.60282	0.808222	-1.23728	0.780114	0.892698	-1.1202	0.026489	0.344068	-2.9064	2.28892	5.96305	2.31572	1
cg25619136	DEPDC4	0.1288	0.36129	1.70544	1.70544	0.763627	0.842349	-1.18716	0.794555	0.862046	-1.16003	0.272546	1.91484	1.91484	0.661209	1.28513	1.28513	0.524232	1.44357	1.44357	0.0378525	3.93436	3.93436	0.0115912	6.02155	6.02155	0.0574817	3.39443	3.39443	2.28891	11.7303	4.55541	1
cg08241295	CCDC146;FGL2	0.128803	0.143785	0.70223	-1.42403	0.968357	0.991112	-1.00897	0.128152	0.690623	-1.44797	0.266679	0.770699	-1.29752	0.526001	1.15559	1.15559	0.185868	1.3712	1.3712	0.0173162	1.92011	1.92011	0.794564	1.06049	1.06049	0.793364	0.942629	-1.06086	2.28888	1.83623	0.7131	1
cg14253848	GOLGA2;C9orf119	0.128805	0.729737	0.95338	-1.0489	0.20091	0.830313	-1.20437	0.288944	0.859387	-1.16362	0.192065	0.826884	-1.20936	0.00996948	0.638925	-1.56513	0.120866	0.793294	-1.26057	0.0268579	0.697021	-1.43468	0.162321	0.814349	-1.22798	0.684344	0.945288	-1.05788	2.28887	0.686961	0.266783	1
cg26161885	CAMTA1	0.128805	0.17991	0.776182	-1.28836	0.119828	0.740651	-1.35016	0.0219538	0.613263	-1.63062	0.88668	1.02569	1.02569	0.557243	0.899783	-1.11138	0.839563	1.03672	1.03672	0.0722047	1.42898	1.42898	0.983482	0.996324	-1.00369	0.316068	1.2025	1.2025	2.28887	1.14725	0.445538	1
cg04778271	CDK5R2	0.128808	0.343533	0.862265	-1.15974	0.171855	0.801809	-1.24718	0.711665	0.945177	-1.058	0.29348	1.17998	1.17998	0.305582	1.17482	1.17482	0.277194	1.18724	1.18724	0.0103204	0.612146	-1.6336	0.941672	1.01118	1.01118	0.530125	1.10141	1.10141	2.28885	0.836105	0.324707	1
cg08245930	CASP7;CASP7;CASP7;CASP7;CASP7;CASP7;CASP7	0.128812	0.269453	1.17455	1.17455	0.021846	0.680481	-1.46955	0.373823	0.880104	-1.13623	0.0700058	1.32765	1.32765	0.705019	1.05465	1.05465	0.091344	0.770956	-1.29709	0.764137	1.043	1.043	0.94958	1.00889	1.00889	0.911951	1.0156	1.0156	2.28881	0.709479	0.275535	1
cg16759460	CCDC148;CCDC148	0.128813	0.300296	0.59911	-1.66914	0.691408	0.826601	-1.20977	0.170514	0.49825	-2.00702	0.301964	0.600244	-1.66599	0.0835368	0.400825	-2.49485	0.358776	1.56894	1.56894	0.880601	1.07438	1.07438	0.707209	0.835188	-1.19734	0.00676641	0.187227	-5.34112	2.28881	8.2582	3.20719	1
cg19789505	OBSCN;OBSCN	0.128815	0.0692614	0.341809	-2.92561	0.0130111	0.196406	-5.0915	0.434191	0.656081	-1.5242	0.494167	0.693013	-1.44298	0.0564339	0.319563	-3.12927	0.148583	0.441158	-2.26676	0.2078	0.495836	-2.0168	0.0469826	0.300918	-3.32317	0.297198	0.565056	-1.76973	2.28878	10.1124	3.92733	1
cg09958801	ZBTB7B	0.128815	0.805339	0.95495	-1.04717	0.0171618	1.71979	1.71979	0.434015	1.16071	1.16071	0.204537	0.778851	-1.28394	0.785788	1.05217	1.05217	0.988047	0.997207	-1.0028	0.0781536	0.693946	-1.44103	0.975044	1.00586	1.00586	0.120437	1.36951	1.36951	2.28878	1.26333	0.490638	1
cg16579158	PCDHGA2;PCDHGA1;PCDHGA2	0.128817	0.0619096	3.7483	3.7483	0.106413	3.02851	3.02851	0.897442	1.08442	1.08442	0.17124	2.49822	2.49822	0.630284	1.35637	1.35637	0.0950687	3.16704	3.16704	0.20429	0.430871	-2.32088	0.0243056	5.40449	5.40449	0.733097	1.24002	1.24002	2.28877	14.3186	5.5609	1
cg18693568	CPEB3;MARCH5	0.128819	0.464949	0.82734	-1.20869	0.740174	1.08852	1.08852	0.00781633	0.418882	-2.38731	0.857873	1.04675	1.04675	0.526147	1.17787	1.17787	0.447378	0.820891	-1.21819	0.879014	0.961922	-1.03959	0.0435959	0.55359	-1.80639	0.533113	1.17455	1.17455	2.28875	2.35459	0.914457	1
cg02842627	MON1A;MON1A	0.128822	0.653161	1.07764	1.07764	0.93342	0.986284	-1.01391	0.0234323	0.639198	-1.56446	0.251865	0.820484	-1.21879	0.0635942	0.708403	-1.41163	0.651636	1.07802	1.07802	0.652802	1.07773	1.07773	0.178417	1.26659	1.26659	0.109787	0.749647	-1.33396	2.28873	0.990385	0.384643	1
cg12943155	PODXL2	0.128826	0.817998	1.05291	1.05291	0.667349	0.907814	-1.10155	0.464205	1.18132	1.18132	0.0177931	0.524915	-1.90507	0.100084	0.668291	-1.49635	0.362198	0.810996	-1.23305	0.804761	0.946108	-1.05696	0.13144	1.43944	1.43944	0.204835	1.34885	1.34885	2.2887	1.8136	0.704371	1
cg16994330	WASH3P	0.128827	?	?	?	0.328605	0.362687	-2.7572	0.0873451	6.8124	6.8124	0.743701	1.389	1.389	0.595276	0.584253	-1.71159	0.0213786	0.0578253	-17.2935	0.577477	1.75803	1.75803	0.287369	3.04091	3.04091	0.258321	3.28169	3.28169	2.43684	33.6501	12.0828	1
cg25927124	PRKAR2A	0.128828	0.0534634	0.741055	-1.34943	0.172456	0.820046	-1.21944	0.388321	1.12839	1.12839	0.883888	1.02017	1.02017	0.9875	0.997862	-1.00214	0.616647	0.933367	-1.07139	0.0245713	1.44173	1.44173	0.481244	1.10275	1.10275	0.192417	1.20743	1.20743	2.28868	0.6766	0.262781	1
cg02582608	ALCAM;ALCAM	0.128828	0.96685	0.990739	-1.00935	0.0186673	1.89324	1.89324	0.197172	1.35694	1.35694	0.336532	1.24838	1.24838	0.0335407	1.7436	1.7436	0.153639	0.710333	-1.40779	0.803835	0.945805	-1.0573	0.739305	1.07764	1.07764	0.864135	1.03909	1.03909	2.28868	1.81687	0.705646	1
cg00131958	CAMLG	0.128829	0.798583	0.955243	-1.04685	0.215335	0.791729	-1.26306	0.08852	0.714275	-1.40002	0.0613289	0.685565	-1.45865	0.373048	1.17792	1.17792	0.322264	0.832687	-1.20093	0.176475	0.773125	-1.29345	0.305736	1.20913	1.20913	0.0875452	1.40176	1.40176	2.28868	1.16231	0.451423	1
cg04219726	GPR61	0.128831	0.952556	0.978377	-1.0221	0.00706376	3.59349	3.59349	0.04608	2.3159	2.3159	0.34304	1.43174	1.43174	0.353387	1.42024	1.42024	0.854273	1.06988	1.06988	0.763656	1.11716	1.11716	0.114294	1.87968	1.87968	0.157228	1.74325	1.74325	2.28866	4.89288	1.90034	1
cg24438178	CCDC88B	0.128832	0.217719	0.442784	-2.25844	0.948467	0.960206	-1.04144	0.534232	0.673354	-1.4851	0.654873	0.753771	-1.32666	0.0412844	0.227883	-4.38822	0.172583	0.401718	-2.48931	0.0694236	0.279151	-3.5823	0.0121953	0.140547	-7.11507	0.097224	0.318705	-3.1377	2.28865	14.307	5.5567	1
cg24856383	SIAH2;SIAH2	0.128834	0.20753	0.829657	-1.20532	0.0699626	1.32936	1.32936	0.221577	1.19785	1.19785	0.435252	1.11835	1.11835	0.0932412	1.2962	1.2962	0.743658	1.04719	1.04719	0.226369	0.836538	-1.1954	0.804598	1.03544	1.03544	0.0312979	1.42614	1.42614	2.28863	0.715605	0.277936	1
cg14092529	LOC728411;LOC728411;LOC728411	0.128835	0.699491	1.04713	1.04713	0.0112898	1.4576	1.4576	0.137949	1.20886	1.20886	0.412633	1.10457	1.10457	0.967844	1.0048	1.0048	0.414522	1.10411	1.10411	0.0789347	0.793224	-1.26068	0.743667	0.961787	-1.03973	0.311238	1.13247	1.13247	2.28862	0.511059	0.198493	1
cg09062198	CLSTN1;CLSTN1	0.128839	0.486318	1.44865	1.44865	0.164133	2.17682	2.17682	0.331826	1.68977	1.68977	0.127735	2.36993	2.36993	0.491541	0.693456	-1.44205	0.493251	1.43991	1.43991	0.0326744	3.70491	3.70491	0.0130483	5.021	5.021	0.171043	2.14619	2.14619	2.28859	9.95096	3.86495	1
cg25775721	SNHG3;SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1	0.128839	0.0318946	0.331133	-3.01994	0.0523257	2.63787	2.63787	0.919172	0.956367	-1.04562	0.0935828	2.24915	2.24915	0.179008	0.53395	-1.87283	0.742718	0.865212	-1.15579	0.794695	0.891704	-1.12145	0.649276	0.817719	-1.22291	0.460483	0.718729	-1.39134	2.28859	7.00232	2.7197	1
cg06376939	DNAH12;ASB14	0.128841	0.87615	0.951835	-1.0506	0.613333	0.851057	-1.17501	0.0105786	0.36142	-2.76687	0.813683	1.07759	1.07759	0.0163317	0.394858	-2.53256	0.305342	0.714665	-1.39926	0.760196	0.907652	-1.10174	0.69452	1.13306	1.13306	0.453705	0.785395	-1.27325	2.28858	3.63093	1.41026	1
cg16700296	SYTL3	0.128844	0.609879	0.922376	-1.08416	0.053888	0.709183	-1.41007	0.857077	1.02871	1.02871	0.163366	0.79169	-1.26312	0.752954	1.05083	1.05083	0.0557874	1.40532	1.40532	0.0756839	0.733118	-1.36404	0.133956	0.77586	-1.28889	0.766118	1.04795	1.04795	2.28855	0.893612	0.347085	1
cg03366992	PDXK	0.128845	0.822818	1.13438	1.13438	0.00723976	7.01529	7.01529	0.0389144	3.83467	3.83467	0.588456	1.35951	1.35951	0.433287	1.56759	1.56759	0.703551	1.23979	1.23979	0.913935	0.94103	-1.06266	0.0699329	3.12452	3.12452	0.528216	1.43227	1.43227	2.28854	11.4561	4.44965	1
cg13843727	L3MBTL2;L3MBTL2	0.128846	0.570977	1.18389	1.18389	0.787019	1.08311	1.08311	0.71473	1.11429	1.11429	0.156137	1.56402	1.56402	0.454524	0.798852	-1.2518	0.249909	1.42543	1.42543	0.0123322	0.399074	-2.5058	0.337485	1.33844	1.33844	0.162922	1.55128	1.55128	2.28853	3.14994	1.22347	1
cg23660191	ZNF688;ZNF688	0.128849	0.587196	1.16082	1.16082	0.976128	0.991893	-1.00817	0.84884	0.949416	-1.05328	0.448764	0.810587	-1.23367	0.0121046	0.427005	-2.34189	0.0678008	0.573198	-1.7446	0.137998	0.647597	-1.54417	0.381474	1.27659	1.27659	0.3857	1.27369	1.27369	2.28851	2.6823	1.04184	1
cg06118384	KIF5C	0.12885	0.15916	11.2184	11.2184	0.355062	4.61154	4.61154	0.765635	0.618595	-1.61657	0.218624	7.99577	7.99577	0.322634	0.19369	-5.1629	0.387685	4.14768	4.14768	0.00848035	221.186	221.186	0.0823067	22.0302	22.0302	0.556016	2.60332	2.60332	2.2885	93.5646	36.3418	1
cg07382101	ZNF365;ZNF365	0.128853	0.033286	0.578805	-1.7277	0.116626	0.687504	-1.45454	0.724164	1.08098	1.08098	0.4059	1.20548	1.20548	0.305902	0.792167	-1.26236	0.162821	1.38739	1.38739	0.111362	1.46395	1.46395	0.781366	0.940686	-1.06305	0.269546	0.776707	-1.28749	2.28848	1.75062	0.679975	1
cg01603912	BANP;BANP	0.128854	0.250032	0.693269	-1.44244	0.386709	0.763067	-1.3105	0.0609028	0.525293	-1.9037	0.548725	0.83117	-1.20312	0.320263	0.73126	-1.3675	0.135568	1.63268	1.63268	0.149119	1.60235	1.60235	0.0701199	0.539526	-1.85348	0.149794	0.62464	-1.60092	2.28847	3.36618	1.30749	1
cg13344757	ALDOC	0.128854	0.233356	0.554184	-1.80446	0.0156768	0.246792	-4.052	0.0266278	0.289061	-3.45947	0.95743	1.02554	1.02554	0.148989	0.481391	-2.07731	0.137262	0.469496	-2.12995	0.244356	0.562521	-1.77771	0.157417	0.489595	-2.0425	0.825812	1.10973	1.10973	2.28847	8.08778	3.14146	1
cg07179146	LOC145814;LOC145814	0.128855	0.774567	0.874701	-1.14325	0.55351	1.32237	1.32237	0.0316059	0.308838	-3.23794	0.705667	1.1935	1.1935	0.483582	1.39363	1.39363	0.121837	2.18545	2.18545	0.0458904	0.344105	-2.90609	0.784708	1.13617	1.13617	0.153139	0.49008	-2.04048	2.28846	7.87734	3.05973	1
cg20941739	OPCML	0.128858	0.219252	0.515438	-1.9401	0.0307234	3.67617	3.67617	0.117167	2.39417	2.39417	0.392683	1.56703	1.56703	0.580479	0.750992	-1.33157	0.0496494	3.15427	3.15427	0.295719	0.573372	-1.74407	0.416934	1.53045	1.53045	0.564725	1.34799	1.34799	2.28844	9.53706	3.70444	1
cg10502244	COL2A1;COL2A1	0.12886	0.452576	1.91916	1.91916	0.376529	0.461593	-2.16641	0.0532105	6.49554	6.49554	0.156129	3.64188	3.64188	0.148823	0.267395	-3.73978	0.975055	0.973715	-1.02699	0.0602561	0.164425	-6.08179	0.170457	0.288348	-3.46803	0.862541	0.862749	-1.15909	2.28842	26.3027	10.2167	1
cg26871347	MSI2;MSI2	0.12886	0.0228461	0.305255	-3.27595	0.133382	0.493906	-2.02468	0.135201	0.495783	-2.01701	0.392667	0.682816	-1.46452	0.248797	0.591419	-1.69085	0.129076	0.489395	-2.04334	0.017735	0.284698	-3.5125	0.0992358	0.455033	-2.19764	0.155674	0.515885	-1.93842	2.28842	6.88016	2.67246	1
cg06874553	KCNJ16;KCNJ16;KCNJ16	0.128862	0.841153	0.951635	-1.05082	0.182519	0.705044	-1.41835	0.739311	0.92081	-1.086	0.85424	1.04648	1.04648	0.0962388	1.57024	1.57024	0.207036	1.3892	1.3892	0.00864421	2.28652	2.28652	0.746556	1.08341	1.08341	0.780041	0.933175	-1.07161	2.2884	2.21195	0.859193	1
cg02895698	ITFG3	0.128865	0.965715	1.01923	1.01923	0.0135719	0.258382	-3.87023	0.0181317	0.280442	-3.5658	0.806772	0.897109	-1.11469	0.359844	0.658939	-1.51759	0.122732	0.476648	-2.09798	0.309268	0.627368	-1.59396	0.634851	0.808984	-1.23612	0.133272	0.487924	-2.0495	2.28838	7.1151	2.76376	1
cg08326301	NCL	0.128869	0.0289142	0.658199	-1.5193	0.311284	0.843582	-1.18542	0.743924	1.05467	1.05467	0.410097	0.87216	-1.14658	0.0304698	0.661705	-1.51125	0.099949	0.74624	-1.34005	0.0398086	0.679835	-1.47095	0.783936	1.04564	1.04564	0.464487	0.886135	-1.1285	2.28835	0.955554	0.371177	1
cg11501862	EPAS1	0.128869	0.786346	1.03851	1.03851	0.0899196	1.29688	1.29688	0.108576	1.27561	1.27561	0.608569	1.07448	1.07448	0.015722	0.662532	-1.50936	0.821761	1.03188	1.03188	0.76707	0.95953	-1.04218	0.181532	1.21805	1.21805	0.678087	1.05977	1.05977	2.28835	0.700989	0.272293	1
cg14345572	SLC38A10;SLC38A10	0.128871	0.90084	1.05034	1.05034	0.060296	2.30414	2.30414	0.893515	1.05418	1.05418	0.19133	0.579832	-1.72464	0.842478	0.924608	-1.08154	0.0347695	0.379285	-2.63654	0.129091	0.524081	-1.9081	0.15442	1.82312	1.82312	0.731377	0.873051	-1.14541	2.28833	5.62502	2.18501	1
cg02077793	CARM1	0.128874	0.128398	0.364373	-2.74444	0.0621826	3.66273	3.66273	0.418996	1.65341	1.65341	0.133682	2.70025	2.70025	0.0378589	0.224021	-4.46387	0.651216	0.75844	-1.3185	0.521026	1.48531	1.48531	0.419888	1.65173	1.65173	0.760329	1.20416	1.20416	2.41655	13.8015	4.44206	1
cg08472797	SLC22A18;SLC22A18;SLC22A18AS	0.128874	0.111269	0.363799	-2.74877	0.0478327	0.267455	-3.73894	0.788348	1.1698	1.1698	0.273407	0.514598	-1.94326	0.0559957	0.283152	-3.53167	0.123564	0.37823	-2.64389	0.0335905	0.235306	-4.24979	0.0549104	0.281153	-3.55679	0.570355	0.715833	-1.39697	2.2883	12.3129	4.78293	1
cg03349173	TRIM26	0.128878	0.257126	1.11447	1.11447	0.335085	1.09537	1.09537	0.0469457	1.23171	1.23171	0.265082	1.1123	1.1123	0.820679	0.97941	-1.02102	0.233967	0.891954	-1.12113	0.0277725	0.787926	-1.26915	0.587887	1.05142	1.05142	0.672189	1.03977	1.03977	2.28827	0.304337	0.118221	1
cg16221879	IMPA2	0.128879	0.175978	0.45704	-2.18799	0.53412	0.709881	-1.40869	0.0962486	2.70184	2.70184	0.0960237	2.704	2.704	0.0604967	0.316044	-3.16411	0.472229	1.4887	1.4887	0.238389	1.9582	1.9582	0.555808	0.723078	-1.38298	0.260177	0.527747	-1.89485	2.28826	10.7324	4.16906	1
cg16443455	TTC18	0.128882	0.272958	2.08855	2.08855	0.0985158	3.22026	3.22026	0.596379	0.708215	-1.412	0.112886	0.328296	-3.04603	0.74236	0.808214	-1.2373	0.0440172	0.224526	-4.45383	0.076221	0.279889	-3.57285	0.858119	1.12244	1.12244	0.23321	0.446275	-2.24077	2.28825	15.0994	5.8655	1
cg05516020	CLCN7;CLCN7	0.128883	0.470339	1.45778	1.45778	0.234378	1.89599	1.89599	0.0660869	0.347118	-2.88086	0.0887475	0.381538	-2.62097	0.0494187	0.316387	-3.16069	0.78994	0.87195	-1.14685	0.107475	0.405923	-2.46352	0.345883	1.64576	1.64576	0.611955	0.769092	-1.30023	2.28823	9.5453	3.70797	1
cg09678349	DOCK4	0.128887	0.224718	2.20549	2.20549	0.0205728	5.64147	5.64147	0.0138917	6.58718	6.58718	0.410274	1.68584	1.68584	0.129467	2.76223	2.76223	0.243646	2.13109	2.13109	0.13327	2.73058	2.73058	0.67777	1.29584	1.29584	0.874462	0.90659	-1.10303	2.2882	13.941	5.41561	1
cg01768775	KCNT2	0.12889	0.0981775	0.733063	-1.36414	0.332579	0.842729	-1.18662	0.022356	1.59769	1.59769	0.775018	1.05028	1.05028	0.331715	0.842455	-1.18701	0.333146	0.842909	-1.18637	0.108151	0.740777	-1.34993	0.377949	1.1675	1.1675	0.675025	0.93036	-1.07485	2.28817	1.062	0.412556	1
cg00520612	RPL24	0.128891	0.174539	0.516794	-1.93501	0.0203766	0.278658	-3.58863	0.0928244	0.429456	-2.32853	0.566253	1.30344	1.30344	0.062752	0.384017	-2.60405	0.505819	0.734493	-1.36148	0.0377775	0.332484	-3.00766	0.763134	0.87097	-1.14815	0.775787	0.877641	-1.13942	2.28817	7.57089	2.94107	1
cg02177231	TBX15	0.128893	0.627689	1.67403	1.67403	0.0285626	15.2354	15.2354	0.214353	3.96764	3.96764	0.0653436	8.85494	8.85494	0.773541	0.737741	-1.35549	0.346545	2.77855	2.77855	0.957675	0.945585	-1.05755	0.0128321	25.9998	25.9998	0.482005	2.12417	2.12417	2.28815	40.2781	15.647	1
cg27531356	CNTNAP2	0.128897	0.050243	0.573671	-1.74316	0.0912634	1.58891	1.58891	0.464789	1.20348	1.20348	0.572967	0.86779	-1.15235	0.30247	0.766486	-1.30466	0.616721	0.88194	-1.13386	0.019251	0.49414	-2.02372	0.812283	0.94249	-1.06102	0.768694	0.929211	-1.07618	2.28812	2.24617	0.872591	1
cg22319311	TSPYL5	0.128905	0.0480448	19.0956	19.0956	0.297757	4.09112	4.09112	0.465743	2.63491	2.63491	0.557424	0.460982	-2.16928	0.367166	0.29847	-3.35043	0.744861	0.652997	-1.5314	0.0530021	17.6349	17.6349	0.0476016	19.2396	19.2396	0.0959367	10.8753	10.8753	2.28805	61.7295	23.9814	1
cg20262028	USP11	0.128908	0.318429	1.57245	1.57245	0.00817789	4.41738	4.41738	0.0222201	3.3306	3.3306	0.7913	1.12346	1.12346	0.528297	1.32372	1.32372	0.186407	1.8494	1.8494	0.814155	0.901798	-1.1089	0.40781	1.45014	1.45014	0.345494	1.53185	1.53185	2.28803	6.98221	2.71256	1
cg21917084	LOC401463	0.128908	0.0202359	0.581179	-1.72064	0.913049	1.0214	1.0214	0.106281	1.40758	1.40758	0.14974	1.34896	1.34896	0.505877	0.877362	-1.13978	0.135348	0.731992	-1.36613	0.584754	0.898565	-1.11289	0.294503	0.809989	-1.23458	0.816349	1.04612	1.04612	2.28803	1.36135	0.528877	1
cg22705131	MAGEB6;MAGEB6	0.12891	0.48499	0.61027	-1.63862	0.190528	0.381075	-2.62416	0.119643	0.308753	-3.23883	0.0956646	0.279762	-3.57447	0.017391	0.133258	-7.50426	0.220669	2.45009	2.45009	0.780311	0.823166	-1.21482	0.669581	0.741745	-1.34817	0.0747243	0.251181	-3.98119	2.28802	17.5521	6.81895	1
cg05417803	LRP4	0.12891	0.300567	0.830211	-1.20451	0.0180476	0.607589	-1.64585	0.397039	1.16234	1.16234	0.507377	0.889882	-1.12374	0.726465	0.940895	-1.06282	0.0758764	0.709859	-1.40873	0.0455989	0.671914	-1.48829	0.205962	0.793402	-1.2604	0.11103	0.739963	-1.35142	2.28801	1.09035	0.4236	1
cg14678088	TRIO	0.128911	0.331717	0.447303	-2.23562	0.155414	3.39147	3.39147	0.118894	3.89531	3.89531	0.782716	1.24868	1.24868	0.186699	0.324827	-3.07856	0.891817	0.896445	-1.11552	0.0162881	0.0944242	-10.5905	0.706249	1.35552	1.35552	0.399836	0.500383	-1.99847	2.28801	23.3867	9.08571	1
cg26809210	STAMBP;STAMBP;STAMBP;STAMBP	0.128912	0.211682	0.844309	-1.1844	0.369021	1.126	1.126	0.139627	1.22687	1.22687	0.893185	1.01743	1.01743	0.614115	0.936696	-1.06758	0.638243	1.06281	1.06281	0.0144241	0.678516	-1.4738	0.24829	0.856209	-1.16794	0.253999	1.16558	1.16558	2.288	0.599538	0.232921	1
cg16965475	ORC1L;ORC1L;PRPF38A	0.128912	0.931575	1.01905	1.01905	0.103834	1.47812	1.47812	0.0333932	1.72666	1.72666	0.684819	0.914244	-1.0938	0.0581876	0.624771	-1.60059	0.959135	0.988805	-1.01132	0.412161	0.831746	-1.20229	0.384846	1.21623	1.21623	0.145798	1.40932	1.40932	2.288	1.74922	0.679574	1
cg06506966	ZNF677	0.128914	0.984006	0.996523	-1.00349	0.428222	0.86888	-1.15091	0.228218	1.2458	1.2458	0.0192229	1.63591	1.63591	0.0685584	0.701667	-1.42518	0.666249	0.927369	-1.07832	0.306779	0.832051	-1.20185	0.244464	1.23564	1.23564	0.65651	0.925165	-1.08089	2.28798	1.09425	0.425121	1
cg26146585	SPRYD4	0.128915	0.454119	0.899508	-1.11172	0.05952	0.744237	-1.34366	0.551603	1.08726	1.08726	0.0402099	0.719479	-1.3899	0.722067	1.05086	1.05086	0.314888	0.865589	-1.15528	0.689255	0.945702	-1.05742	0.0408993	0.720535	-1.38786	0.193058	1.21084	1.21084	2.28798	0.699036	0.271578	1
cg26071556	C7orf50;C7orf50;C7orf50	0.128916	0.236365	1.42273	1.42273	0.255453	0.713651	-1.40125	0.0653364	0.555506	-1.80016	0.917561	1.02986	1.02986	0.557216	1.18376	1.18376	0.11682	0.616215	-1.62281	0.0415825	1.94965	1.94965	0.81588	1.06853	1.06853	0.261725	1.39455	1.39455	2.28797	2.92599	1.13677	1
cg07241146	LRRC27;LRRC27;LRRC27;LRRC27	0.128916	0.00834766	1.8452	1.8452	0.102333	0.722595	-1.3839	0.243543	1.24827	1.24827	0.279145	1.2269	1.2269	0.721671	1.06717	1.06717	0.804374	1.04613	1.04613	0.573159	1.109	1.109	0.591178	0.906157	-1.10356	0.641592	0.918334	-1.08893	2.28797	1.19683	0.464977	1
cg08262584	OPRK1	0.128916	0.842154	0.963086	-1.03833	0.16657	0.757117	-1.3208	0.0957646	0.708114	-1.4122	0.238494	0.79223	-1.26226	0.2571	0.800018	-1.24997	0.452039	1.1555	1.1555	0.0225876	1.67384	1.67384	0.221391	0.784679	-1.27441	0.985879	0.996667	-1.00334	2.28796	1.28954	0.500995	1
cg20210449	FAM185A;FAM185A;FAM185A	0.128919	0.723128	1.12541	1.12541	0.294665	1.43475	1.43475	0.730552	0.891522	-1.12168	0.269828	0.682736	-1.46469	0.723399	1.12528	1.12528	0.874599	0.948895	-1.05386	0.00695603	0.313562	-3.18916	0.142172	1.68893	1.68893	0.99127	1.00364	1.00364	2.28794	3.99745	1.55305	1
cg24817053	AP2M1;AP2M1	0.12892	0.536788	0.862311	-1.15967	0.215848	0.734543	-1.36139	0.431163	0.826713	-1.20961	0.0297711	1.83263	1.83263	0.339125	1.26283	1.26283	0.328097	1.27009	1.27009	0.654792	0.898894	-1.11248	0.0873629	0.639536	-1.56363	0.132504	0.680811	-1.46884	2.28793	2.03271	0.789731	1
cg07341220	IFT140;TMEM204	0.128924	0.375633	0.674623	-1.48231	0.487121	0.737013	-1.35683	?	?	?	0.330937	0.64752	-1.54435	0.026809	0.312905	-3.19586	0.237536	1.71144	1.71144	0.539722	1.3076	1.3076	?	?	?	0.0567615	0.387525	-2.58048	2.46039	5.51562	2.24177	1
cg23530721	SAT1;SAT1	0.128929	0.164723	0.501369	-1.99454	0.302537	0.608059	-1.64458	0.0571771	2.72448	2.72448	0.0181486	3.80493	3.80493	0.823353	1.10976	1.10976	0.299886	0.606279	-1.64941	0.971493	1.01678	1.01678	0.860008	0.921062	-1.0857	0.678271	1.21447	1.21447	2.28786	7.86162	3.05443	1
cg03804755	MT1DP;MT1DP	0.128932	0.728497	0.683543	-1.46296	0.0163696	24.6255	24.6255	0.313079	0.320079	-3.12423	0.745329	0.700595	-1.42736	0.697998	0.653303	-1.53068	0.733205	0.688286	-1.45288	0.0663061	9.47528	9.47528	0.344245	0.345186	-2.89699	0.135944	5.77934	5.77934	2.28784	43.1912	16.781	1
cg07869830	NEURL	0.128932	0.639127	0.814282	-1.22808	0.0965185	2.21164	2.21164	0.101185	2.18318	2.18318	0.0733041	2.3839	2.3839	0.285565	0.617256	-1.62007	0.742392	0.866341	-1.15428	0.0802367	0.42991	-2.32607	0.222875	1.74572	1.74572	0.397429	1.45778	1.45778	2.28784	6.85637	2.66389	1
cg13365334	FLNA;FLNA	0.128934	0.0198878	0.228473	-4.37688	0.0280535	0.255948	-3.90705	0.0994154	0.387297	-2.582	0.789097	1.1512	1.1512	0.181371	0.474629	-2.10691	0.132098	0.425875	-2.34811	0.181504	0.47475	-2.10637	0.187515	0.480164	-2.08262	0.171612	0.465625	-2.14765	2.28782	9.99522	3.88345	1
cg24726668	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.128934	0.672288	1.07643	1.07643	0.00498715	1.90271	1.90271	0.468306	1.13624	1.13624	0.930263	1.01527	1.01527	0.124446	0.749808	-1.33367	0.28977	1.20948	1.20948	0.73231	1.06123	1.06123	0.85939	1.03117	1.03117	0.485412	1.13055	1.13055	2.28782	1.08562	0.421796	1
cg26178529	ATG5	0.128936	0.367085	1.5812	1.5812	0.0505728	3.00944	3.00944	0.0683119	2.74374	2.74374	0.119876	0.43413	-2.30346	?	?	?	0.481974	1.42391	1.42391	?	?	?	0.438777	0.676705	-1.47775	0.309931	1.68131	1.68131	2.33468	7.03263	3.44257	1
cg25683268	TMEM100	0.128943	0.0510903	0.35034	-2.85437	0.0719928	0.387458	-2.58093	0.0382001	0.321708	-3.1084	0.297007	0.60023	-1.66603	0.165674	0.49759	-2.00969	0.103061	0.430893	-2.32076	0.0207351	0.268584	-3.72323	0.483837	0.714685	-1.39922	0.216105	0.540881	-1.84884	2.28774	8.07549	3.13768	1
cg04807855	SPR	0.128943	0.805499	1.06817	1.06817	0.39237	0.791188	-1.26392	0.0595913	1.76524	1.76524	0.573022	0.858794	-1.16442	0.0779525	0.592411	-1.68802	0.329984	0.764369	-1.30827	0.03016	0.505876	-1.97677	0.19245	0.691602	-1.44592	0.275798	0.738576	-1.35396	2.28774	2.58873	1.00584	1
cg22366951	HIVEP3;HIVEP3	0.128945	0.367219	0.60804	-1.64463	0.0268576	4.08895	4.08895	0.0354323	3.72631	3.72631	0.520177	0.704598	-1.41925	0.55015	0.722726	-1.38365	0.166392	0.452677	-2.20908	0.562749	1.36929	1.36929	0.913657	0.943409	-1.05999	0.51352	0.70055	-1.42745	2.28773	10.4527	4.06136	1
cg18500085	SLC35C1;SLC35C1;SLC35C1	0.128946	0.130746	0.542935	-1.84184	0.240708	1.58362	1.58362	0.677113	1.16968	1.16968	0.993986	0.997183	-1.00282	0.0204171	0.351394	-2.84581	0.347999	0.69653	-1.43569	0.336747	0.690254	-1.44874	0.866035	0.938762	-1.06523	0.0312841	0.388424	-2.57451	2.28772	5.07553	1.97209	1
cg24757159	MIR548G	0.128947	0.344401	0.58324	-1.71456	0.0682071	0.322884	-3.09709	0.124647	0.39839	-2.51011	0.156385	0.431999	-2.31482	0.0421742	0.273669	-3.65406	0.398348	0.619587	-1.61398	0.0140143	0.186471	-5.36275	0.117279	0.389907	-2.56471	0.124293	0.397988	-2.51264	2.28771	11.1041	4.31448	1
cg26491697	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.12895	0.0713696	0.549429	-1.82007	0.0573001	0.526852	-1.89806	0.403864	0.778377	-1.28472	0.00680178	0.343356	-2.91243	0.67869	0.88527	-1.1296	0.401564	0.77737	-1.28639	0.450112	0.798054	-1.25305	0.721419	1.11039	1.11039	0.376588	0.76624	-1.30507	2.41586	3.19999	1.03023	1
cg09297903	DKK4	0.128951	0.165683	0.621216	-1.60975	0.451604	1.28013	1.28013	0.0104963	0.354489	-2.82096	0.781957	0.914532	-1.09346	0.214444	0.656479	-1.52328	0.226145	0.664138	-1.50571	0.139257	0.599042	-1.66933	0.296781	1.41672	1.41672	0.339624	0.728385	-1.3729	2.28768	3.75703	1.45981	1
cg06958034	KDM1A;KDM1A	0.128952	0.94169	1.01208	1.01208	0.388847	0.86507	-1.15598	0.290829	0.835342	-1.19711	0.156553	0.779793	-1.28239	0.9193	0.983504	-1.01677	0.0993924	0.743455	-1.34507	0.00508095	0.544506	-1.83653	0.129496	0.764262	-1.30845	0.818409	0.962958	-1.03847	2.28768	0.976012	0.379235	1
cg06361522	CALML3	0.128956	0.377888	0.721308	-1.38637	0.333585	1.4335	1.4335	0.0146142	0.337657	-2.96159	0.770903	1.11119	1.11119	0.0807379	0.496922	-2.01239	0.863908	0.939935	-1.0639	0.313683	1.45682	1.45682	0.554173	0.805695	-1.24116	0.0970983	0.518148	-1.92995	2.28764	4.72376	1.83547	1
cg06905679	GLIS1	0.128957	0.0394364	0.260429	-3.83982	0.0176203	0.195795	-5.10739	0.0406089	0.263121	-3.80054	0.406236	0.618891	-1.61579	0.198986	0.464653	-2.15214	0.15178	0.420137	-2.38017	0.194651	0.46081	-2.17009	0.107396	0.370708	-2.69754	0.764667	0.844053	-1.18476	2.28764	11.5544	4.48959	1
cg13149304	ATP5J;ATP5J;ATP5J;ATP5J;GABPA;ATP5J;GABPA;ATP5J;ATP5J;ATP5J	0.128959	0.541864	0.900134	-1.11095	0.154436	1.29657	1.29657	0.864187	1.0296	1.0296	0.603957	0.914696	-1.09326	0.224836	0.80475	-1.24262	0.112147	0.744734	-1.34276	0.0110874	0.581195	-1.72059	0.178217	0.783697	-1.276	0.264376	0.820195	-1.21922	2.28761	1.05182	0.408703	1
cg24851818	WNT5B;WNT5B;WNT5B	0.128964	0.091842	0.631273	-1.5841	0.88883	1.03527	1.03527	0.0458376	0.567019	-1.76361	0.464463	0.831487	-1.20266	0.0615552	0.59335	-1.68535	0.603481	0.8782	-1.13869	0.0830982	0.621527	-1.60894	0.546894	1.16312	1.16312	0.0314124	0.534928	-1.86941	2.28758	2.22581	0.864888	1
cg01248385	MCF2L;MCF2L	0.128964	0.446823	1.46061	1.46061	0.793885	0.87991	-1.13648	0.0079688	5.26963	5.26963	0.136379	2.19042	2.19042	0.961488	1.02387	1.02387	0.458268	0.691405	-1.44633	0.658679	1.24261	1.24261	0.451259	0.687272	-1.45503	0.0906256	2.48661	2.48661	2.28758	8.64946	3.36094	1
cg08026464	FARSB	0.128966	0.466564	0.822068	-1.21644	0.300467	0.752963	-1.32809	0.603861	1.14846	1.14846	0.147919	1.50758	1.50758	0.234771	0.719395	-1.39006	0.155487	0.669023	-1.49472	0.0105948	0.427383	-2.33982	0.222032	0.712197	-1.40411	0.881445	0.961303	-1.04025	2.28756	2.53369	0.984531	1
cg09868451	MTHFD2;MTHFD2;MTHFD2	0.128966	0.25272	1.39843	1.39843	0.17473	0.666844	-1.4996	0.0210442	0.458855	-2.17934	0.0966666	1.66851	1.66851	0.6821	0.890827	-1.12255	0.959817	0.985956	-1.01424	0.104056	0.607211	-1.64687	0.697571	0.896176	-1.11585	0.774775	1.08386	1.08386	2.28756	2.85476	1.10929	1
cg21806917	RBM14	0.128968	0.0883103	0.788747	-1.26783	0.777963	0.964956	-1.03632	0.184043	0.837087	-1.19462	0.342055	0.883792	-1.13149	0.0385574	1.35312	1.35312	0.154874	1.21181	1.21181	0.543207	0.925283	-1.08075	0.437149	1.1052	1.1052	0.201161	1.18572	1.18572	2.28754	0.576914	0.224176	1
cg01490772	CLSTN3;RBP5	0.128972	0.188383	0.790154	-1.26558	0.714229	1.06412	1.06412	0.0386243	1.499	1.499	0.108175	0.743655	-1.34471	0.992634	1.00156	1.00156	0.371696	0.856419	-1.16765	0.662428	1.07706	1.07706	0.356274	1.17391	1.17391	0.0521436	1.45252	1.45252	2.28751	1.0346	0.40203	1
cg11172396	FMNL2	0.128975	0.672171	1.30432	1.30432	0.0155791	6.36841	6.36841	0.0399341	4.40282	4.40282	0.71127	1.26121	1.26121	0.137075	0.368018	-2.71726	0.875994	1.10238	1.10238	0.142259	2.67696	2.67696	0.587533	1.40754	1.40754	0.627582	1.35683	1.35683	2.28749	14.1151	5.48497	1
cg16548911	ADCY7	0.128977	0.215241	2.45738	2.45738	0.30547	2.07793	2.07793	0.405788	1.79718	1.79718	0.491146	1.6193	1.6193	0.160384	2.81131	2.81131	0.0505313	4.64592	4.64592	0.0156454	7.70943	7.70943	0.0291361	5.88309	5.88309	0.101813	3.43646	3.43646	2.28747	17.2107	6.68792	1
cg26554674	CCDC76;CCDC76;SASS6	0.128977	0.873684	0.949042	-1.05369	0.513552	0.804282	-1.24334	0.204591	1.55281	1.55281	0.557331	0.822753	-1.21543	0.111426	0.565529	-1.76825	0.0650772	0.506154	-1.97568	0.439949	0.771884	-1.29553	0.391388	1.33467	1.33467	0.0331408	2.26775	2.26775	2.28747	3.9152	1.52141	1
cg14054275	CRTAC1	0.12898	0.706432	0.809189	-1.23581	0.0332347	4.02551	4.02551	0.388736	1.63929	1.63929	0.899967	0.932052	-1.0729	0.0595673	0.304296	-3.28627	0.196988	0.46617	-2.14514	0.0699066	0.321738	-3.10812	0.968214	0.977951	-1.02255	0.536711	0.704661	-1.41912	2.28745	11.3424	4.40761	1
cg20390515	SNTG2	0.128981	0.239115	0.804604	-1.24285	0.764106	1.05451	1.05451	0.677583	0.928921	-1.07652	0.539495	1.11577	1.11577	0.920012	1.01787	1.01787	0.344286	0.842156	-1.18743	0.0214972	0.614447	-1.62748	0.0325377	1.55464	1.55464	0.501751	1.12776	1.12776	2.28744	1.12662	0.4378	1
cg18325866	FAM160B1;FAM160B1	0.128982	0.974548	0.989489	-1.01062	0.0330583	0.438033	-2.28293	0.571651	0.827526	-1.20842	0.146789	1.67495	1.67495	0.596898	0.837966	-1.19337	0.178711	1.6051	1.6051	0.150053	1.66706	1.66706	0.0661798	1.97896	1.97896	0.815161	1.08065	1.08065	2.28743	3.97424	1.54438	1
cg20599295	RILPL1	0.128982	0.702494	0.818396	-1.2219	0.475376	0.684519	-1.46088	0.915454	1.05702	1.05702	0.150527	0.447217	-2.23605	0.348146	0.603852	-1.65603	0.386949	0.629319	-1.58902	0.00323925	0.122817	-8.14219	0.710307	1.21512	1.21512	0.385942	0.62867	-1.59066	2.28743	9.87958	3.83918	1
cg20916523	VHL;VHL	0.128986	0.337387	0.390094	-2.56349	0.186815	3.78803	3.78803	0.654672	0.651482	-1.53496	0.881827	0.867985	-1.15209	0.0642491	0.138203	-7.23572	0.298013	0.358151	-2.79212	0.665957	0.661401	-1.51194	0.0929985	0.172218	-5.80659	0.0135172	0.0544976	-18.3494	2.2874	32.819	12.7536	1
cg19709414	CLK3;CLK3	0.128988	0.746013	1.1498	1.1498	0.0845477	0.440667	-2.26928	0.601899	1.25366	1.25366	0.123856	0.488803	-2.04581	0.0313614	0.338048	-2.95816	0.149927	0.515313	-1.94057	0.0328833	0.342365	-2.92086	0.764959	0.879165	-1.13744	0.146324	0.511836	-1.95375	2.28738	6.68329	2.59716	1
cg13690003	GTF2F2;KCTD4	0.128988	0.593808	0.697808	-1.43306	0.0905214	0.287478	-3.47852	0.097426	0.296505	-3.37262	0.133451	2.95044	2.95044	0.224197	0.425947	-2.34771	0.612636	0.710866	-1.40673	0.22503	0.426665	-2.34376	0.0763386	3.73576	3.73576	0.397576	1.7842	1.7842	2.28738	16.185	6.28959	1
cg06535675	HIVEP3;HIVEP3	0.128989	0.480459	0.886757	-1.12771	0.680744	1.07179	1.07179	0.180218	1.2693	1.2693	0.0410386	0.673624	-1.48451	0.726899	0.942937	-1.06052	0.120494	0.754121	-1.32605	0.0543744	1.44167	1.44167	0.850206	1.03219	1.03219	0.222979	0.806881	-1.23934	2.28737	1.01724	0.395306	1
cg10146186	FAM163A	0.128989	0.0191526	0.190464	-5.25035	0.342991	1.77092	1.77092	0.79038	1.16865	1.16865	0.774943	0.845611	-1.18258	0.0646934	0.297056	-3.36637	0.980262	0.985632	-1.01458	0.0942733	0.340924	-2.9332	0.218639	0.46912	-2.13165	0.0962552	0.343547	-2.91081	2.28737	12.3973	4.81769	1
cg07931652	RXRB	0.128993	0.00981338	0.232578	-4.29964	0.114604	0.464548	-2.15263	0.613317	0.796383	-1.25568	0.0932631	0.438278	-2.28165	0.797746	0.891602	-1.12158	0.205195	0.550349	-1.81703	0.201161	0.547085	-1.82787	0.103644	0.451506	-2.21481	0.0613454	0.389909	-2.5647	2.28734	7.23153	2.81026	1
cg10167235	WARS;WARS;WARS;WARS	0.128994	0.0180531	0.241754	-4.13644	0.199384	0.511568	-1.95478	0.088047	0.394332	-2.53594	0.055023	0.341132	-2.93142	0.138557	0.454644	-2.19952	0.317896	0.600288	-1.66587	0.903262	1.06195	1.06195	0.641495	1.26087	1.26087	0.0923221	0.400181	-2.49887	2.28733	8.85254	3.44022	1
cg23779992	TTBK2	0.128997	0.085934	0.685066	-1.45971	0.457278	1.16286	1.16286	0.941305	1.01479	1.01479	0.565173	0.890572	-1.12287	0.572212	1.12048	1.12048	0.289319	0.803142	-1.24511	0.00616217	0.490587	-2.03838	0.801665	1.05145	1.05145	0.809998	1.04918	1.04918	2.28731	1.43914	0.559276	1
cg24730157	AGRN	0.128997	0.297482	1.82677	1.82677	0.211798	2.08298	2.08298	0.0445795	0.276199	-3.62058	0.938044	0.957559	-1.04432	0.0143312	0.185545	-5.38953	0.945334	0.962468	-1.039	0.332639	0.57261	-1.74639	0.987044	0.990982	-1.0091	0.6444	0.771603	-1.296	2.28731	11.2744	4.38143	1
cg20691283	MEIS1	0.128998	0.551446	1.09449	1.09449	0.150434	1.25981	1.25981	0.170619	1.24438	1.24438	0.846902	0.971452	-1.02939	0.229627	1.20789	1.20789	0.770878	0.957187	-1.04473	0.119601	0.776426	-1.28795	0.637457	0.931344	-1.07372	0.013722	1.57871	1.57871	2.2873	0.813339	0.316079	1
cg26480675	BEAN	0.128998	0.898527	0.982634	-1.01767	0.624059	0.93442	-1.07018	0.766821	1.04168	1.04168	0.0199739	0.680037	-1.47051	0.713232	1.05199	1.05199	0.0348561	0.713413	-1.40171	0.696374	0.947576	-1.05532	0.619491	0.933571	-1.07116	0.0273875	0.698823	-1.43098	2.2873	0.683058	0.26545	1
cg12234426	GRK4;NOP14;GRK4;GRK4;GRK4;GRK4;GRK4	0.128998	0.31969	1.33016	1.33016	0.131785	1.57042	1.57042	0.794754	1.07501	1.07501	0.0550686	0.546906	-1.82847	0.724726	0.906562	-1.10307	0.055217	0.54716	-1.82762	0.455909	0.810026	-1.23453	0.0998799	1.64916	1.64916	0.634694	1.14202	1.14202	2.2873	2.78855	1.08369	1
cg04025590	CCDC21	0.129	0.11713	0.750845	-1.33183	0.182308	1.26909	1.26909	0.48016	1.12843	1.12843	0.901335	0.979336	-1.0211	0.522115	1.11541	1.11541	0.357494	1.1727	1.1727	0.0375097	0.666088	-1.5013	0.0720762	0.713203	-1.40212	0.347744	1.17675	1.17675	2.28728	1.02671	0.399	1
cg07193998	PRND	0.129	0.088101	0.273777	-3.65261	0.0351594	0.1847	-5.41417	0.0699057	0.247833	-4.03498	0.640855	0.723694	-1.3818	0.0440952	0.203492	-4.91419	0.912156	0.926855	-1.07892	0.0414664	0.198214	-5.04504	0.104709	0.295065	-3.38908	0.388786	0.544471	-1.83664	2.28728	17.1625	6.66975	1
cg23493497	NTM;NTM;NTM;NTM	0.129	0.285286	1.48209	1.48209	0.675417	0.861315	-1.16101	0.380623	0.727004	-1.37551	0.0355505	2.38095	2.38095	0.277789	0.67024	-1.492	0.493126	1.27986	1.27986	0.121108	0.551072	-1.81464	0.0742032	2.02448	2.02448	0.399393	0.736501	-1.35777	2.28728	4.55292	1.76937	1
cg21550785	ALK	0.129004	0.312513	0.751497	-1.33068	0.151866	1.52169	1.52169	0.677872	0.892057	-1.121	0.719961	1.10346	1.10346	0.011584	0.421817	-2.3707	0.0838324	0.59263	-1.68739	0.523154	0.837817	-1.19358	0.191411	0.685071	-1.4597	0.348135	0.767857	-1.30233	2.28725	2.70891	1.05276	1
cg23798942	EHMT2;EHMT2	0.129007	0.912879	1.0354	1.0354	0.774216	0.912636	-1.09573	0.0396728	0.469507	-2.12989	0.843513	1.06483	1.06483	0.186822	0.640985	-1.5601	0.0498757	0.491205	-2.03581	0.185494	0.640022	-1.56245	0.0643441	1.93593	1.93593	0.883867	0.954606	-1.04755	2.28723	3.65959	1.42223	1
cg06924241	RSPH9	0.129008	0.500269	2.2641	2.2641	0.103308	8.39842	8.39842	0.0563744	13.2025	13.2025	0.198008	5.0781	5.0781	0.233455	0.224921	-4.44601	0.947742	0.924701	-1.08143	0.0202538	28.3152	28.3152	0.154514	6.1727	6.1727	0.300855	3.59789	3.59789	2.28722	51.6716	20.0813	1
cg20545976	RBM43	0.129009	0.926105	1.02038	1.02038	0.657192	1.102	1.102	0.941447	0.984153	-1.0161	0.825064	1.04932	1.04932	0.152084	1.39603	1.39603	0.795829	1.058	1.058	0.384323	1.21405	1.21405	0.0766412	1.53453	1.53453	0.00417968	2.3037	2.3037	2.28721	1.71286	0.665675	1
cg22707438	DGKZ	0.129009	0.311914	0.59851	-1.67082	0.0683679	0.367407	-2.72178	0.132572	0.450965	-2.21747	0.830078	1.11122	1.11122	0.00843153	0.191907	-5.21085	0.847531	1.09906	1.09906	0.555328	0.746226	-1.34008	0.84458	0.908184	-1.1011	0.0821793	0.388714	-2.57258	2.28721	8.72195	3.38965	1
cg21555877	HRNBP3	0.129012	0.962709	0.966068	-1.03512	0.41067	1.86112	1.86112	0.882532	0.896579	-1.11535	0.919475	0.928056	-1.07752	0.0311845	0.154585	-6.46894	0.139089	0.30866	-3.23981	0.0170986	0.116931	-8.55206	0.518953	0.617078	-1.62054	0.0972328	0.260845	-3.8337	2.28719	19.7479	7.67481	1
cg16762735	ZFP42	0.129013	0.0625172	4.07597	4.07597	0.221975	2.36408	2.36408	0.619884	1.39816	1.39816	0.838308	0.872009	-1.14678	0.331745	1.95663	1.95663	0.170911	0.376319	-2.65732	0.26776	2.16802	2.16802	0.0152714	7.36427	7.36427	0.181893	2.58519	2.58519	2.28718	16.2752	6.32518	1
cg06798642	TEC	0.129014	0.105817	22.1561	22.1561	0.278501	7.21472	7.21472	0.178137	12.2945	12.2945	0.118143	19.598	19.598	0.21041	10.1199	10.1199	0.535207	3.00791	3.00791	0.0594665	41.7112	41.7112	0.0147882	192.465	192.465	0.0381637	67.6207	67.6207	2.28717	111.406	43.2968	1
cg04352139	MAP1S	0.12902	0.432218	1.15966	1.15966	0.0187768	1.69246	1.69246	0.114758	1.37295	1.37295	0.361979	1.18906	1.18906	0.380095	1.18103	1.18103	0.0796373	1.43262	1.43262	0.974586	1.0059	1.0059	0.015055	1.73701	1.73701	0.567479	1.11271	1.11271	2.28712	1.23707	0.480788	1
cg07860213	PRDM14	0.12902	0.0347088	25.5484	25.5484	0.337141	3.67874	3.67874	0.427826	2.90253	2.90253	0.249853	0.205373	-4.8692	0.273173	4.48669	4.48669	0.304331	0.246532	-4.05627	0.639823	0.537746	-1.85961	0.0236487	35.0336	35.0336	0.725409	1.59071	1.59071	2.28712	62.7606	24.3919	1
cg19193595	SMAD3	0.129023	0.50009	1.13247	1.13247	0.135129	0.746227	-1.34007	0.0214946	1.65193	1.65193	0.789427	1.04985	1.04985	0.0776931	1.42812	1.42812	0.516151	0.887232	-1.1271	0.261503	1.23715	1.23715	0.114272	1.36643	1.36643	0.797785	0.95441	-1.04777	2.2871	1.19642	0.464992	1
cg04404310	GALNT9	0.129025	0.221186	3.12643	3.12643	0.0310326	9.43114	9.43114	0.0770121	5.71377	5.71377	0.528445	1.76138	1.76138	0.171399	3.63539	3.63539	0.175416	3.58659	3.58659	0.106804	0.209995	-4.76203	0.320374	2.48457	2.48457	0.586124	0.61428	-1.62792	2.28708	28.4586	11.0606	1
cg26402405	AFAP1L1;AFAP1L1	0.129028	0.0259681	0.161951	-6.17471	0.555816	1.50738	1.50738	0.375465	0.534453	-1.87107	0.604472	0.697736	-1.43321	0.0159635	0.131048	-7.63077	0.0692794	0.246646	-4.05439	0.187807	0.382369	-2.61528	0.276795	0.458817	-2.17952	0.553322	0.661643	-1.51139	2.28705	17.1838	6.67869	1
cg18617091	TMPRSS6	0.129032	0.581483	0.842334	-1.18718	0.738187	1.10892	1.10892	0.00402122	0.303918	-3.29036	0.599864	0.849475	-1.1772	0.676973	1.13782	1.13782	0.856307	0.94567	-1.05745	0.674979	0.87812	-1.1388	0.0902104	0.562451	-1.77793	0.279301	0.707052	-1.41432	2.28702	3.4403	1.33713	1
cg02820514	ZIC4	0.129034	0.0931157	0.167669	-5.96414	0.953675	1.05777	1.05777	0.36772	2.44597	2.44597	0.180667	0.253062	-3.9516	0.0810114	0.154091	-6.48967	0.202871	0.27266	-3.66757	0.151285	0.226163	-4.42158	0.195113	0.265872	-3.76121	0.0167356	0.0594209	-16.8291	2.28701	33.8489	13.156	1
cg14556450	C9orf86;C9orf86	0.129035	0.0316363	0.15434	-6.4792	0.0265036	0.142184	-7.03315	0.0661819	0.216901	-4.61039	0.486858	0.592194	-1.68864	0.188935	0.356232	-2.80716	0.118368	0.284407	-3.51609	0.423747	0.545583	-1.8329	0.760016	0.796752	-1.2551	0.0429042	0.177635	-5.62953	2.287	19.921	7.7427	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24013213	GUCY1B2	0.129037	0.125897	0.591899	-1.68948	0.37319	1.33574	1.33574	0.0504229	0.493559	-2.0261	0.184621	0.640447	-1.56141	0.522189	0.814319	-1.22802	0.0903207	1.80586	1.80586	0.411327	1.30476	1.30476	0.531803	1.22208	1.22208	0.145104	0.609267	-1.64132	2.28698	3.63211	1.4117	1
cg01072658	OBSL1	0.12904	0.87467	0.908231	-1.10104	0.0326916	0.217829	-4.59076	0.0439735	0.243751	-4.10254	0.554099	0.694232	-1.44044	0.0268025	0.201958	-4.95153	0.209306	0.446204	-2.24113	0.0682217	0.287889	-3.47356	0.160968	0.401286	-2.49199	0.181845	0.421387	-2.37312	2.28696	13.4694	5.23525	1
cg02527047	KIF5C	0.129041	0.0469447	0.547509	-1.82645	0.111212	0.631551	-1.5834	0.715161	0.907485	-1.10195	0.77684	0.927494	-1.07817	0.755447	1.08628	1.08628	0.00903394	0.415184	-2.40857	0.778737	1.07746	1.07746	0.471641	0.823709	-1.21402	0.535541	1.1808	1.1808	2.28695	2.54111	0.987675	1
cg17346780	SPTBN4	0.129042	0.895567	0.951234	-1.05127	0.0319854	0.384196	-2.60284	0.11294	0.518505	-1.92862	0.353564	0.695328	-1.43817	0.156068	0.561196	-1.78191	0.076187	2.11935	2.11935	0.0980518	0.501145	-1.99543	0.867429	0.93838	-1.06567	0.788418	1.10783	1.10783	2.28694	5.24922	2.04026	1
cg22620746	ZNF257	0.129042	0.936614	1.05632	1.05632	0.136317	0.330961	-3.0215	0.849371	1.13995	1.13995	0.765719	0.813938	-1.22859	0.013268	0.120724	-8.28335	0.216161	2.45147	2.45147	0.474471	1.65054	1.65054	0.11468	3.26059	3.26059	0.720176	1.28122	1.28122	2.28694	17.1906	6.68166	1
cg15564000	TRIM33;TRIM33	0.129046	0.495979	1.1699	1.1699	0.0850201	0.649023	-1.54078	0.171739	0.718746	-1.39131	0.342175	0.800789	-1.24877	0.529878	1.15541	1.15541	0.19055	1.36977	1.36977	0.0488696	1.66624	1.66624	0.11043	1.4842	1.4842	0.603406	1.12634	1.12634	2.28691	1.86627	0.725393	1
cg19654437	CDK15	0.129049	0.0988671	0.276371	-3.61833	0.0402966	0.185693	-5.38523	0.0357685	0.176164	-5.67652	0.546088	0.647813	-1.54366	0.0396721	0.184416	-5.42251	0.441799	0.572697	-1.74612	0.0640112	0.227788	-4.39006	0.0903036	0.265393	-3.76799	0.689467	0.751674	-1.33036	2.28689	18.2935	7.1105	1
cg01024069	KLC1;KLC1	0.129049	0.0353717	1.58179	1.58179	0.301963	0.818612	-1.22158	0.055266	1.50181	1.50181	0.992255	1.00182	1.00182	0.33403	0.829877	-1.205	0.936056	1.01513	1.01513	0.472443	0.872162	-1.14658	0.598096	0.905236	-1.10468	0.062625	1.48013	1.48013	2.28689	1.26868	0.493124	1
cg20668450	SAC3D1	0.129051	0.342878	0.826519	-1.20989	0.15148	0.741069	-1.3494	0.0376522	0.624908	-1.60023	0.961822	1.00938	1.00938	0.506195	0.876765	-1.14056	0.482299	1.1494	1.1494	0.022641	1.70256	1.70256	0.969973	1.00737	1.00737	0.831454	1.04243	1.04243	2.28687	1.37697	0.535218	1
cg17863042	SNORA76	0.129052	0.617152	1.2524	1.2524	0.272057	0.600169	-1.6662	0.07467	0.412022	-2.42706	?	?	?	0.762148	1.14517	1.14517	0.311631	1.5959	1.5959	0.86569	1.07852	1.07852	0.0406212	2.87398	2.87398	0.0754211	2.42029	2.42029	2.30786	6.479	2.80737	1
cg07973140	C15orf39	0.129054	0.0272532	0.269803	-3.70641	0.0440887	0.313539	-3.1894	0.494283	0.706085	-1.41626	0.242804	1.84571	1.84571	?	?	?	?	?	?	0.535049	1.37023	1.37023	0.435043	0.670767	-1.49083	0.657284	0.799407	-1.25093	2.33366	7.22695	3.53924	1
cg00651821	MKLN1;MKLN1	0.129054	0.615738	0.906192	-1.10352	0.473915	1.15231	1.15231	0.0171362	1.76038	1.76038	0.0896754	0.694761	-1.43934	0.435062	1.16768	1.16768	0.45663	1.15902	1.15902	0.366312	1.19801	1.19801	0.0579979	1.51759	1.51759	0.900897	1.02455	1.02455	2.28684	1.37232	0.533419	1
cg04811942	LY6D	0.129055	0.0854615	0.47993	-2.08364	0.028599	0.368882	-2.7109	0.040755	0.401687	-2.4895	0.166196	0.565469	-1.76844	0.0730043	0.462016	-2.16443	0.366465	0.698885	-1.43085	0.0907672	0.486988	-2.05344	0.0539913	0.429712	-2.32714	0.441313	0.738459	-1.35417	2.28684	5.40041	2.09913	1
cg10104810	NOTCH2;NOTCH2	0.129055	0.0816412	0.794311	-1.25895	0.0195219	1.40049	1.40049	0.716503	1.04448	1.04448	0.111088	0.812913	-1.23014	0.593036	1.06649	1.06649	0.537758	0.92825	-1.0773	0.504113	0.922291	-1.08426	0.736032	1.0412	1.0412	0.271106	1.14651	1.14651	2.28684	0.515729	0.200463	1
cg09055659	TMEM19	0.129055	0.755376	0.896495	-1.11545	0.0852033	0.514115	-1.94509	0.065095	0.484777	-2.0628	0.301706	0.687926	-1.45365	0.0332227	2.38742	2.38742	0.934808	1.02901	1.02901	0.198948	1.60728	1.60728	0.625788	1.18746	1.18746	0.864559	0.942061	-1.0615	2.28683	4.42668	1.72064	1
cg27533700	EXOG;EXOG	0.129056	0.0277597	0.588196	-1.70011	0.32617	1.22976	1.22976	0.0820365	0.674972	-1.48154	0.329641	0.81445	-1.22782	0.70288	0.924793	-1.08132	0.297022	0.802059	-1.24679	0.182235	1.33486	1.33486	0.28767	0.798344	-1.25259	0.248917	1.27873	1.27873	2.28683	1.50744	0.58594	1
cg25566285	PTPRN2;PTPRN2;PTPRN2	0.129059	0.751173	0.867703	-1.15247	0.53136	1.32688	1.32688	0.188805	1.86088	1.86088	0.691191	0.836852	-1.19495	0.127481	0.479429	-2.08582	0.0087107	4.44188	4.44188	0.175226	1.90233	1.90233	0.928742	1.04071	1.04071	0.650915	1.22531	1.22531	2.2868	7.20671	2.80128	1
cg16220788	PHF21A;PHF21A	0.12906	0.394096	0.54657	-1.82959	0.0544248	4.5282	4.5282	0.200396	2.54978	2.54978	0.878067	1.1121	1.1121	0.239858	0.426689	-2.34363	0.873086	0.895269	-1.11698	0.0535467	0.2193	-4.55997	0.083014	3.77454	3.77454	0.838158	0.868026	-1.15204	2.28679	17.3456	6.74233	1
cg11311140	ELMO1	0.12906	0.649026	0.686042	-1.45764	0.00488679	0.0465272	-21.4928	0.0530372	0.163987	-6.09806	0.963689	1.03815	1.03815	0.430776	0.516164	-1.93737	0.340182	0.445573	-2.2443	0.421957	0.509358	-1.96326	0.155877	0.286907	-3.48545	0.954384	0.954046	-1.04817	2.28679	24.4947	9.52122	1
cg01294490	FKBP5;FKBP5;FKBP5;FKBP5	0.129062	0.0404274	0.512839	-1.94993	0.0234802	0.466036	-2.14576	0.147738	0.645222	-1.54985	0.208697	0.688053	-1.45338	0.0780791	0.57562	-1.73726	0.0774412	0.574788	-1.73977	0.157154	0.652572	-1.5324	0.114405	0.616047	-1.62325	0.0990586	0.600398	-1.66556	2.28678	2.88264	1.1205	1
cg05722906	CYP4F12	0.129063	0.0405061	0.259602	-3.85205	0.111758	0.372585	-2.68395	0.225371	0.483932	-2.06641	0.306973	0.547243	-1.82734	0.0462929	0.27217	-3.67417	0.187581	0.451087	-2.21687	0.0254931	0.220198	-4.54137	0.0474056	0.274468	-3.64341	0.377927	0.597083	-1.67481	2.28677	11.7684	4.5745	1
cg14083558	ADAMTSL2;ADAMTSL2	0.129068	0.581164	0.787763	-1.26942	0.118064	0.483568	-2.06796	0.0352404	0.349954	-2.85752	0.669855	0.832257	-1.20155	0.00776547	0.231408	-4.32136	0.0863384	0.444328	-2.25059	0.562732	0.778387	-1.28471	0.501233	0.746581	-1.33944	0.470106	0.730083	-1.36971	2.28673	6.63827	2.5804	1
cg03553613	SLC7A5	0.129075	0.877976	0.933107	-1.07169	0.583825	1.28312	1.28312	0.0697674	2.4939	2.4939	0.523385	0.747191	-1.33835	0.0208626	0.28563	-3.50104	0.588816	1.27881	1.27881	0.112577	0.459144	-2.17797	0.420663	0.690232	-1.44879	0.190758	0.535632	-1.86695	2.28667	7.3542	2.85877	1
cg12644497	TAP2;TAP2	0.129076	0.18848	0.714138	-1.40029	0.585078	0.875276	-1.1425	0.111585	0.657884	-1.52003	0.72674	1.08847	1.08847	0.716837	0.915753	-1.092	0.0609846	0.600354	-1.66568	0.198036	1.38918	1.38918	0.395314	1.23411	1.23411	0.051216	1.70991	1.70991	2.28666	2.11436	0.821909	1
cg06239191	KIAA1875	0.129077	0.0641099	2.79552	2.79552	0.174091	2.043	2.043	0.0569334	2.89935	2.89935	0.134456	2.21979	2.21979	0.298376	1.70336	1.70336	0.568686	1.32929	1.32929	0.0364936	3.32341	3.32341	0.0206585	3.96296	3.96296	0.170508	2.05686	2.05686	2.28665	8.8413	3.43687	1
cg23057597	TPBG;TPBG	0.129079	0.653674	1.22781	1.22781	0.976932	0.986946	-1.01323	0.0196232	0.27769	-3.60113	0.0667311	0.392908	-2.54513	0.223592	0.559294	-1.78797	0.0244017	0.295569	-3.3833	0.440135	0.69923	-1.43014	0.706395	1.18765	1.18765	0.550686	0.760053	-1.3157	2.28664	7.47914	2.90737	1
cg26851727	B4GALT4;B4GALT4	0.129082	0.104804	0.779868	-1.28227	0.642132	0.936468	-1.06784	0.0730508	1.32367	1.32367	0.298187	0.859633	-1.16329	0.730254	1.04974	1.04974	0.0645459	0.747348	-1.33807	0.0769486	0.758922	-1.31766	0.748217	0.955835	-1.04621	0.0967127	0.774339	-1.29142	2.28662	0.712407	0.276938	1
cg09620705	SMOC2;SMOC2	0.129086	0.104207	1.6035	1.6035	0.143984	1.51783	1.51783	0.508615	0.836732	-1.19513	0.089697	1.64428	1.64428	0.085944	0.603846	-1.65605	0.712114	1.10355	1.10355	0.0788367	0.595234	-1.68001	0.61386	1.14482	1.14482	0.60785	1.1475	1.1475	2.28659	2.55904	0.994802	1
cg12625139	IGF2R	0.129089	0.787879	0.960693	-1.04092	0.0738172	0.743561	-1.34488	0.0781892	0.747545	-1.33771	0.711496	0.946261	-1.05679	0.0385527	1.4281	1.4281	0.109333	1.29641	1.29641	0.588618	0.922017	-1.08458	0.590868	1.08404	1.08404	0.875854	0.977022	-1.02352	2.28656	0.800659	0.311252	1
cg03682117	FAM160B1;FAM160B1;FAM160B1;FAM160B1	0.12909	0.323947	0.838979	-1.19193	0.156354	1.29865	1.29865	0.771556	0.951064	-1.05145	0.617209	1.09073	1.09073	0.594851	0.911642	-1.09692	0.762036	0.949005	-1.05374	0.00479071	0.52454	-1.90643	0.454127	0.876855	-1.14044	0.864709	0.971037	-1.02983	2.28655	1.07565	0.418155	1
cg02600978	TRIM26	0.129093	0.194557	0.489996	-2.04083	0.222654	0.513668	-1.94678	0.220469	0.511884	-1.95357	0.14324	0.441424	-2.26539	0.00779373	0.169344	-5.90514	0.430977	0.658467	-1.51868	0.0381239	0.28667	-3.48834	0.846609	0.904226	-1.10592	0.162286	0.460437	-2.17185	2.28653	9.78586	3.80426	1
cg00394316	MGC87042;MGC87042;MGC87042;MGC87042	0.129098	0.05559	12.2497	12.2497	0.0414993	15.1073	15.1073	0.910802	1.13819	1.13819	0.42361	0.389091	-2.5701	0.377559	0.351423	-2.84557	0.318427	0.303911	-3.29044	0.737752	0.678321	-1.47423	0.791326	0.736177	-1.35837	0.0478934	13.6316	13.6316	2.28649	48.3098	18.7808	1
cg22710398	SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP	0.129098	0.0226921	0.354695	-2.81933	0.335807	1.45809	1.45809	0.654467	1.18671	1.18671	0.983865	0.992345	-1.00771	0.0260377	0.366525	-2.72833	0.123645	0.530643	-1.88451	0.34055	0.688514	-1.4524	0.967262	1.01572	1.01572	0.263892	0.642407	-1.55664	2.28649	5.22875	2.03272	1
cg16547629	RNF220	0.129098	0.0958384	0.563594	-1.77433	0.984721	0.994015	-1.00602	0.337469	0.733446	-1.36343	0.120487	0.589807	-1.69547	0.0596979	0.51368	-1.94674	0.0601274	0.514398	-1.94402	0.864479	1.05501	1.05501	0.486642	1.24805	1.24805	0.120471	1.69552	1.69552	2.28649	3.55891	1.38355	1
cg19366652	RREB1;RREB1;RREB1;RREB1;RREB1	0.1291	0.125583	1.58102	1.58102	0.0810519	1.70663	1.70663	0.82993	1.06124	1.06124	0.383755	1.27992	1.27992	0.057423	0.552186	-1.81098	0.786244	0.927636	-1.07801	0.270643	0.728375	-1.37292	0.372868	0.776624	-1.28762	0.091236	1.67199	1.67199	2.28647	2.76523	1.07501	1
cg14647739	ORMDL3	0.129102	0.253515	1.282	1.282	0.299365	1.25115	1.25115	0.0211634	1.78139	1.78139	0.114004	1.43071	1.43071	0.286919	1.25905	1.25905	0.751819	1.06832	1.06832	0.0107089	1.95071	1.95071	0.953389	0.987897	-1.01225	0.322825	1.23707	1.23707	2.28645	1.57151	0.610947	1
cg07117068	KIAA1530	0.129103	0.490053	1.17318	1.17318	0.00822203	0.462957	-2.16003	0.772382	1.0683	1.0683	0.123097	0.683505	-1.46305	0.230757	0.750976	-1.3316	0.368059	0.810088	-1.23443	0.808201	0.946106	-1.05696	0.95192	0.986358	-1.01383	0.22248	1.33917	1.33917	2.28645	1.8791	0.730526	1
cg27273140	SLC4A5;SLC4A5	0.129106	0.349698	0.809316	-1.23561	0.241224	1.30947	1.30947	0.637814	1.10983	1.10983	0.1259	0.69492	-1.43901	0.635093	0.900263	-1.11079	0.468851	1.17582	1.17582	0.00894012	2.0769	2.0769	0.957435	1.0118	1.0118	0.352253	1.23415	1.23415	2.28642	1.74906	0.679981	1
cg09465149	ALDH18A1;ALDH18A1	0.129107	0.830362	0.978732	-1.02173	0.163638	1.16062	1.16062	0.548313	1.06275	1.06275	0.0371346	0.784687	-1.27439	0.0701825	0.816417	-1.22486	0.47858	0.93036	-1.07485	0.599675	0.948315	-1.0545	0.872183	0.983996	-1.01626	0.0673892	1.22797	1.22797	2.28642	0.36357	0.141345	1
cg01937809	ZC3H12A	0.129107	0.0274114	0.475088	-2.10487	0.208695	1.45941	1.45941	0.633803	0.872062	-1.14671	0.410135	0.78642	-1.27158	0.277664	0.724681	-1.37992	0.232521	0.699689	-1.42921	0.192433	1.48219	1.48219	0.801138	1.07465	1.07465	0.0538292	0.535547	-1.86725	2.28642	2.94633	1.14544	1
cg06910254	ZNF213;ZNF213	0.129107	0.130189	0.341215	-2.9307	0.154583	2.69538	2.69538	?	?	?	0.512095	0.665892	-1.50175	?	?	?	0.277247	2.03615	2.03615	0.059554	4.37353	4.37353	0.121256	3.03502	3.03502	0.304699	0.513979	-1.94561	3.36333	13.0734	2.22116	1
cg04105091	PPT2;PPT2;PPT2	0.12911	0.0565818	1.8175	1.8175	0.0571247	1.81451	1.81451	0.146636	1.53922	1.53922	0.0194751	2.1854	2.1854	0.387371	1.27796	1.27796	0.686374	1.11893	1.11893	0.514255	0.83269	-1.20093	0.634528	1.14175	1.14175	0.0811345	1.70795	1.70795	2.28639	2.77495	1.07883	1
cg04489573	TRIM63;TRIM63	0.129111	0.181807	0.65579	-1.52488	0.482542	0.80859	-1.23672	0.00353491	0.308152	-3.24515	0.307356	0.730105	-1.36967	0.144037	0.626739	-1.59556	0.433298	0.78818	-1.26875	0.42191	0.783315	-1.27663	0.199262	0.667804	-1.49745	0.173469	0.649771	-1.539	2.28638	3.20899	1.24758	1
cg08101329	CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.129112	0.631196	0.824615	-1.21269	0.0721162	2.22623	2.22623	0.014253	3.33757	3.33757	0.228733	1.65473	1.65473	0.962888	1.01872	1.01872	0.743431	0.877261	-1.13991	0.195632	1.72575	1.72575	0.0601993	2.32832	2.32832	0.187997	1.74408	1.74408	2.28637	5.7562	2.23787	1
cg09997714	PDE10A;PDE10A	0.129113	0.462544	1.30648	1.30648	0.0171884	0.354203	-2.82324	0.447702	0.758343	-1.31867	0.264727	1.51517	1.51517	0.0597597	0.467954	-2.13696	0.77322	1.10881	1.10881	0.673261	1.16371	1.16371	0.196235	1.62988	1.62988	0.840964	0.930698	-1.07446	2.28637	4.62734	1.79901	1
cg22115798	SCHIP1	0.129113	0.878956	0.959895	-1.04178	0.637519	0.880322	-1.13595	0.468424	0.82026	-1.21913	0.817748	1.06396	1.06396	0.0319479	1.96421	1.96421	0.0482806	1.83332	1.83332	0.0493434	1.82668	1.82668	0.481634	1.21179	1.21179	0.0858097	1.66517	1.66517	2.28636	2.6121	1.01553	1
cg10846614	CNGA2	0.129117	0.243659	0.465478	-2.14833	0.058309	0.261531	-3.82364	0.163614	0.3938	-2.53936	0.0965539	0.318649	-3.13825	0.0954973	0.317267	-3.15192	0.213023	0.439513	-2.27525	0.0237974	0.184309	-5.42567	0.0268943	0.193389	-5.17092	0.290676	0.502893	-1.9885	2.28633	14.2287	5.53189	1
cg20442586	DUOX1;DUOX1	0.129117	0.181616	0.76271	-1.31111	0.0817723	0.691803	-1.4455	0.582344	0.89933	-1.11194	0.519763	0.882803	-1.13276	0.371335	1.19166	1.19166	0.839683	1.03945	1.03945	0.01374	1.78954	1.78954	0.588781	0.900988	-1.10989	0.43432	0.858652	-1.16462	2.28633	1.32139	0.513736	1
cg23206325	NEXN	0.129121	0.707462	1.11196	1.11196	0.496401	0.823316	-1.2146	0.0884633	0.589126	-1.69743	0.694116	0.894695	-1.1177	0.411039	1.267	1.267	0.0738474	1.7523	1.7523	0.0454607	0.524216	-1.90761	0.101798	0.603971	-1.65571	0.268874	0.72312	-1.3829	2.2863	2.86977	1.11574	1
cg06741536	RAP1B;RAP1B	0.129122	0.867696	0.983431	-1.01685	0.880941	1.01513	1.01513	0.416729	1.08673	1.08673	0.683289	1.04196	1.04196	0.275506	0.892541	-1.1204	0.0370153	0.78451	-1.27468	0.0127273	0.733283	-1.36373	0.168847	0.863371	-1.15825	0.806009	1.02496	1.02496	2.28629	0.363625	0.141374	1
cg18880543	PRKAG2;PRKAG2	0.129126	0.846088	1.08321	1.08321	0.00982643	3.82789	3.82789	0.0216735	3.10745	3.10745	0.559312	1.27487	1.27487	0.458352	1.36422	1.36422	0.751172	1.13979	1.13979	0.291969	1.56786	1.56786	0.415308	0.710023	-1.4084	0.874019	1.06744	1.06744	2.28626	6.12538	2.38152	1
cg14876573	SPANXN4	0.129127	0.74235	1.21486	1.21486	0.528292	0.685951	-1.45783	0.344665	0.563116	-1.77583	0.0263164	0.211304	-4.73252	0.0505634	0.268591	-3.72313	0.64739	1.3122	1.3122	0.16881	0.421041	-2.37506	0.697886	1.25878	1.25878	0.032298	0.227875	-4.38837	2.28625	12.604	4.90042	1
cg17790311	HCG9	0.129128	0.199404	1.54379	1.54379	0.334186	1.37575	1.37575	0.0386506	2.15341	2.15341	0.169372	1.5982	1.5982	0.725238	1.11965	1.11965	0.0206615	2.44133	2.44133	0.0505284	2.04163	2.04163	0.0580014	1.98637	1.98637	0.191206	1.55771	1.55771	2.28625	3.71419	1.44407	1
cg23488607	RILP	0.12913	0.467085	1.42616	1.42616	0.0171845	4.02627	4.02627	0.0203257	3.82597	3.82597	0.590914	0.770822	-1.29732	0.169638	2.01736	2.01736	0.398341	1.51409	1.51409	0.145138	2.11815	2.11815	0.223526	1.84685	1.84685	0.918533	0.952107	-1.0503	2.28623	8.33233	3.23962	1
cg11063277	CACNA1H;CACNA1H	0.129136	0.467026	0.782216	-1.27842	0.703877	1.13512	1.13512	0.482225	0.78896	-1.26749	0.72738	0.890341	-1.12317	0.00310082	0.261074	-3.83034	0.728518	1.12259	1.12259	0.409812	1.32279	1.32279	0.856766	0.941802	-1.06179	0.79076	0.91553	-1.09226	2.28618	3.98799	1.55057	1
cg27650726	LOC93622	0.12914	0.677456	1.08011	1.08011	0.0617043	1.47358	1.47358	0.412234	1.16702	1.16702	0.294044	0.818312	-1.22203	0.498283	0.881036	-1.13503	0.87279	1.02996	1.02996	0.0144063	0.573696	-1.74308	0.221629	0.789249	-1.26703	0.947933	1.0121	1.0121	2.28614	1.22893	0.477827	1
cg11382993	IPMK;CISD1	0.129141	0.843498	1.05068	1.05068	0.86228	0.957499	-1.04439	0.4669	1.20343	1.20343	0.0209915	0.49929	-2.00284	0.0582463	1.70804	1.70804	0.197833	0.711441	-1.4056	0.878329	0.962406	-1.03906	0.423598	1.22682	1.22682	0.166571	0.691477	-1.44618	2.28614	2.26536	0.880808	1
cg22753611	CAP2	0.129143	0.659747	1.17347	1.17347	0.0604451	2.14775	2.14775	0.3573	1.40749	1.40749	0.488919	1.28895	1.28895	0.021133	0.367499	-2.7211	0.160073	1.7193	1.7193	0.223991	1.58601	1.58601	0.934707	0.97085	-1.03002	0.521472	0.790881	-1.26441	2.28612	4.71985	1.83517	1
cg09086740	SDF2	0.129145	0.237345	0.698081	-1.4325	0.275614	0.719432	-1.38998	0.032367	0.483152	-2.06974	0.443556	0.797075	-1.25459	0.0265423	0.466074	-2.14558	0.447772	0.798808	-1.25187	0.27773	1.38781	1.38781	0.234964	0.696683	-1.43537	0.0618132	0.542985	-1.84167	2.28611	3.05216	1.18675	1
cg22750548	PFKFB3;PFKFB3	0.129147	0.995104	0.998943	-1.00106	0.706194	1.06743	1.06743	0.648184	1.08238	1.08238	0.853996	0.968757	-1.03225	0.86958	0.972082	-1.02872	0.101447	0.734182	-1.36206	0.0146587	1.6783	1.6783	0.122754	1.33395	1.33395	0.169676	0.777201	-1.28667	2.28609	1.075	0.417987	1
cg22559660	MAP3K15;PDHA1	0.129148	0.170846	2.39835	2.39835	0.54179	0.690401	-1.44843	0.996077	1.00295	1.00295	0.120806	0.364497	-2.74351	0.00706729	0.123904	-8.07074	0.872815	1.10087	1.10087	0.516115	1.48432	1.48432	0.929473	1.05454	1.05454	0.837635	1.13098	1.13098	2.28608	13.0285	5.06583	1
cg05558522	SNX12	0.129148	0.0924921	0.185296	-5.39676	0.0224576	0.0829476	-12.0558	0.371206	0.433439	-2.30713	0.0795047	5.88367	5.88367	0.364385	2.33649	2.33649	0.234069	0.321166	-3.11366	0.900863	1.12016	1.12016	0.862715	1.17068	1.17068	0.860066	1.17429	1.17429	2.28608	30.0155	11.6708	1
cg17833022	AMMECR1;AMMECR1;AMMECR1	0.129152	0.0891124	0.388584	-2.57344	0.717064	1.20139	1.20139	0.561349	0.743719	-1.34459	0.233347	0.532606	-1.87756	0.0339168	0.286955	-3.48487	0.256879	1.81593	1.81593	0.072528	0.364145	-2.74616	0.853191	1.09789	1.09789	0.0646785	0.351276	-2.84676	2.28605	9.20264	3.57828	1
cg09479906	C10orf88;C10orf88	0.129154	0.859643	1.02397	1.02397	0.00819518	1.57271	1.57271	0.0930545	1.28058	1.28058	0.793558	1.03573	1.03573	0.267413	0.85672	-1.16724	0.447073	1.1093	1.1093	0.745469	0.957338	-1.04456	0.54672	1.08506	1.08506	0.112493	1.2602	1.2602	2.28604	0.648661	0.252222	1
cg07081267	MKLN1;MKLN1	0.129154	0.506508	1.28207	1.28207	0.713436	1.14566	1.14566	0.142191	0.558949	-1.78907	0.033843	0.401152	-2.49282	0.0570854	0.452193	-2.21145	0.240731	0.635848	-1.5727	0.9661	1.01579	1.01579	0.790094	1.10336	1.10336	0.111164	1.89604	1.89604	2.28603	4.92086	1.9134	1
cg00010659	TMEM14C;TMEM14C	0.129156	0.746653	0.966046	-1.03515	0.101056	1.21091	1.21091	0.0299166	1.3129	1.3129	0.653613	1.04932	1.04932	0.184325	1.16192	1.16192	0.507118	1.07436	1.07436	0.0901191	0.819502	-1.22025	0.661763	0.954169	-1.04803	0.0997647	1.21196	1.21196	2.28602	0.411199	0.15989	1
cg27507704	C4orf46;C4orf46;ETFDH	0.129158	0.0563445	0.470294	-2.12633	0.146509	0.580364	-1.72306	0.271462	0.670537	-1.49134	0.938746	0.973526	-1.02719	0.0989217	0.531731	-1.88065	0.157863	0.590272	-1.69413	0.605521	1.19948	1.19948	0.0745394	2.00087	2.00087	0.451285	1.30728	1.30728	2.286	4.41278	1.71587	1
cg12363807	SPG20;SPG20;SPG20;SPG20	0.129158	0.249285	0.750354	-1.3327	0.741099	0.923962	-1.0823	0.670045	1.10764	1.10764	0.365855	0.801237	-1.24807	0.942201	0.982854	-1.01745	0.435949	1.20874	1.20874	0.444816	0.830448	-1.20417	0.109828	1.5155	1.5155	0.00907301	2.20537	2.20537	2.286	2.05975	0.800915	1
cg01939512	RAB25	0.12916	0.883291	1.02148	1.02148	0.0717963	1.33752	1.33752	0.451568	1.11736	1.11736	0.294038	0.854304	-1.17054	0.0259358	1.46597	1.46597	0.417389	0.887004	-1.12739	0.364483	1.14434	1.14434	0.115165	0.780497	-1.28124	0.550003	0.916215	-1.09145	2.28598	0.757866	0.294691	1
cg14589014	PHLDA2	0.129162	0.81264	0.939185	-1.06475	0.244701	1.3793	1.3793	0.220913	1.40501	1.40501	0.0799518	1.67096	1.67096	0.0420578	0.538488	-1.85705	0.085694	0.605367	-1.65189	0.4039	1.25319	1.25319	0.502786	0.835514	-1.19687	0.707042	0.905048	-1.10491	2.28597	2.52802	0.983011	1
cg08892416	ZNF276;ZNF276	0.129167	0.168938	0.501569	-1.99374	0.472747	1.41032	1.41032	0.28845	0.595229	-1.68003	0.899724	0.942377	-1.06115	0.0287802	0.297001	-3.36699	0.0596843	0.367711	-2.71953	0.277537	0.58764	-1.70172	0.979774	0.988136	-1.01201	0.0246177	0.283633	-3.52569	2.28593	8.02416	3.12022	1
cg08482108	SOAT1	0.12917	0.695008	1.06726	1.06726	0.961885	0.992136	-1.00793	0.410683	1.14911	1.14911	0.0149705	0.610052	-1.6392	0.315368	1.1871	1.1871	0.295941	1.19608	1.19608	0.0753059	0.720971	-1.38702	0.623751	1.08511	1.08511	0.298358	1.19493	1.19493	2.2859	0.98811	0.384234	1
cg00991447	BANP;BANP	0.129172	0.41414	1.07541	1.07541	0.418118	1.07472	1.07472	0.139864	0.870803	-1.14837	0.650314	0.961035	-1.04055	0.52431	0.945356	-1.0578	0.113725	1.16168	1.16168	0.0370771	0.809915	-1.2347	0.213516	1.12084	1.12084	0.148787	1.14437	1.14437	2.28588	0.27458	0.106773	1
cg10017888	CALM3	0.129173	0.877095	0.866093	-1.15461	0.0657779	6.80649	6.80649	0.00482488	32.2411	32.2411	0.613823	0.623332	-1.60428	0.619306	0.627973	-1.59243	0.59299	1.65067	1.65067	0.941869	1.07009	1.07009	0.696696	1.43889	1.43889	0.59239	1.65204	1.65204	2.28588	31.2399	12.148	1
cg02922817	KIF26A	0.129175	0.31405	1.33016	1.33016	0.825209	1.06248	1.06248	0.589753	0.861431	-1.16086	0.575969	0.85656	-1.16746	0.166268	0.667324	-1.49852	0.367783	1.28853	1.28853	0.0114454	2.37995	2.37995	0.709736	0.902623	-1.10788	0.0911301	1.66512	1.66512	2.28586	2.7183	1.05705	1
cg25524089	SCFD2	0.129176	0.369304	1.12862	1.12862	0.716707	1.04898	1.04898	0.177543	1.20689	1.20689	0.531945	0.920277	-1.08663	0.846864	1.0257	1.0257	0.308687	0.870874	-1.14827	0.212531	0.841726	-1.18804	0.0304035	0.716127	-1.3964	0.034822	0.72412	-1.38099	2.28585	0.62342	0.242426	1
cg21274025	PLA2G3	0.129179	0.19761	1.86511	1.86511	0.0102361	4.39958	4.39958	0.139038	2.07256	2.07256	0.592897	1.28018	1.28018	0.369624	0.655926	-1.52456	0.228606	1.78305	1.78305	0.218531	1.80821	1.80821	0.369196	1.52517	1.52517	0.0601464	2.63909	2.63909	2.28583	7.58364	2.94905	1
cg17479576	FAM160A1	0.129179	0.497083	1.86598	1.86598	0.149736	0.247272	-4.04413	0.47666	0.51959	-1.92459	0.978174	0.975553	-1.02506	0.171355	3.73447	3.73447	0.00855429	0.0480728	-20.8018	0.653678	1.50469	1.50469	0.582581	1.65236	1.65236	0.397344	0.456537	-2.1904	2.28583	29.6336	11.5236	1
cg08075475	WHSC2	0.12918	0.44546	1.14136	1.14136	0.135599	0.760764	-1.31447	0.0860898	0.724401	-1.38045	0.176403	0.783233	-1.27676	0.342539	1.18086	1.18086	0.985022	1.0032	1.0032	0.0750703	1.40071	1.40071	0.170159	1.28192	1.28192	0.231924	0.808049	-1.23755	2.28583	1.04622	0.406845	1
cg04387592	GUCA1A	0.129182	0.243644	0.698201	-1.43225	0.0300669	2.11984	2.11984	0.320037	1.35336	1.35336	0.46303	0.802536	-1.24605	0.498356	0.816755	-1.22436	0.14727	0.632571	-1.58085	0.721617	1.1111	1.1111	0.322282	0.740008	-1.35134	0.0635265	0.540979	-1.8485	2.28581	3.13943	1.22084	1
cg09633881	APTX;APTX	0.129182	0.321001	0.800975	-1.24848	0.877236	0.967095	-1.03402	0.539177	1.14404	1.14404	0.0920369	1.49393	1.49393	0.287874	0.787552	-1.26976	0.106104	1.4652	1.4652	0.0261755	0.564968	-1.77001	0.574472	0.884451	-1.13064	0.360526	1.22563	1.22563	2.2858	1.69594	0.659504	1
cg21415604	C4B;STK19;STK19;STK19;C4A	0.129182	0.084341	0.556757	-1.79611	0.433042	0.782408	-1.27811	0.88509	0.956617	-1.04535	0.154804	1.59526	1.59526	0.198445	0.659132	-1.51715	0.405246	1.29845	1.29845	0.0738737	1.84234	1.84234	0.579631	0.842311	-1.18721	0.066058	0.531307	-1.88215	2.2858	3.40543	1.32428	1
cg11139102	TSC22D4	0.129183	0.0290396	0.284606	-3.51363	0.224104	0.535952	-1.86584	0.457729	0.691208	-1.44674	0.10253	0.417899	-2.39292	0.101196	0.416213	-2.40261	0.424826	0.671635	-1.4889	0.0101037	0.204949	-4.87925	0.386037	0.647923	-1.54339	0.199367	0.515704	-1.9391	2.28579	8.63458	3.35778	1
cg25771580	RDBP;MIR1236	0.129185	0.725509	1.21327	1.21327	0.597915	1.33894	1.33894	0.684622	1.251	1.251	0.365276	1.66555	1.66555	0.0451322	0.28348	-3.52758	0.42671	1.56061	1.56061	0.399261	1.60521	1.60521	0.987718	1.00848	1.00848	0.013388	0.186401	-5.36478	2.28578	10.8879	4.23405	1
cg18403578	TAPBP;TAPBP;TAPBP	0.129186	0.931372	0.982169	-1.01815	0.00453112	2.20343	2.20343	0.486885	1.159	1.159	0.387356	0.831039	-1.20331	0.209415	0.75855	-1.31831	0.604355	1.11537	1.11537	0.505861	1.15143	1.15143	0.902394	1.02596	1.02596	0.976397	1.0062	1.0062	2.28578	1.57956	0.614258	1
cg09299086	RCC2;RCC2	0.129188	0.978323	1.00985	1.00985	0.449687	1.32035	1.32035	0.104558	1.89659	1.89659	0.714037	0.875663	-1.14199	0.31598	0.687961	-1.45357	0.468886	0.766553	-1.30454	0.536793	0.798005	-1.25313	0.00768049	3.44153	3.44153	0.417939	1.34799	1.34799	2.28576	4.71159	1.83225	1
cg04622454	NELF;NELF;NELF;NELF	0.129188	0.0888522	2.38835	2.38835	0.233588	0.560273	-1.78484	0.994601	0.996866	-1.00314	0.462042	1.41527	1.41527	0.79287	0.885079	-1.12984	0.221908	1.81402	1.81402	0.00710668	5.0187	5.0187	0.525829	1.34743	1.34743	0.598668	1.27938	1.27938	2.28576	7.79034	3.02952	1
cg05110071	HAUS2;LRRC57;HAUS2	0.129192	0.847495	1.04482	1.04482	0.975371	0.992995	-1.00705	0.114115	1.479	1.479	0.322468	1.26204	1.26204	0.128351	1.45395	1.45395	0.175564	0.720374	-1.38817	0.021188	0.532078	-1.87942	0.460778	1.18648	1.18648	0.55778	0.873732	-1.14452	2.28573	1.87706	0.729964	1
cg06143971	HRAS;HRAS;HRAS	0.129192	0.911763	0.954613	-1.04755	0.432603	1.39874	1.39874	0.183441	0.553551	-1.80652	0.966652	1.01767	1.01767	0.0108657	0.261827	-3.81931	0.225846	1.70392	1.70392	0.28235	1.59697	1.59697	0.338191	0.661199	-1.5124	0.252969	0.606341	-1.64924	2.28572	6.35618	2.47184	1
cg27042767	DDX3X;DDX3X	0.129194	0.270243	1.2239	1.2239	0.305782	0.829753	-1.20518	0.491059	0.884172	-1.131	0.0645377	1.44117	1.44117	0.0303804	1.56503	1.56503	0.131528	1.3318	1.3318	0.551931	0.899497	-1.11173	0.696349	0.933303	-1.07146	0.128297	1.33555	1.33555	2.28571	1.12135	0.436081	1
cg22690884	C3orf74	0.129195	0.136825	0.565943	-1.76696	0.346811	1.41073	1.41073	0.0342986	0.415989	-2.40391	0.0690662	0.485507	-2.0597	0.184746	0.606741	-1.64815	0.672668	0.859897	-1.16293	0.108849	0.537328	-1.86106	0.0404247	0.43137	-2.3182	0.380901	0.7267	-1.37608	2.2857	4.56732	1.77619	1
cg25950548	TIA1;TIA1	0.129198	0.976866	1.00547	1.00547	0.399872	1.17595	1.17595	0.826503	1.04215	1.04215	0.470418	0.871017	-1.14808	0.801015	1.04864	1.04864	0.616183	0.909329	-1.09971	0.002953	0.46416	-2.15443	0.995278	1.00111	1.00111	0.760796	0.944194	-1.0591	2.28567	1.28033	0.497916	1
cg20670302	PSTPIP2;PSTPIP2	0.129201	0.100678	0.613769	-1.62928	0.352288	1.29674	1.29674	0.45573	1.22905	1.22905	0.2451	0.718875	-1.39106	0.0136219	0.436685	-2.28998	0.124669	0.636809	-1.57033	0.351977	0.771028	-1.29697	0.229813	0.710309	-1.40784	0.761051	1.08633	1.08633	2.28565	2.66789	1.03754	1
cg07098151	URB2;TAF5L;TAF5L;URB2	0.129201	0.790966	0.966621	-1.03453	0.583804	1.07326	1.07326	0.974517	1.00409	1.00409	0.325325	1.13859	1.13859	0.40217	1.1158	1.1158	0.533171	0.922507	-1.084	0.0473039	0.748241	-1.33647	0.32254	0.877576	-1.1395	0.0158238	1.45903	1.45903	2.28565	0.591205	0.229919	1
cg19012704	TMEM104	0.129203	0.15121	0.696244	-1.43628	0.0914899	1.54877	1.54877	0.311995	0.781758	-1.27917	0.161356	0.703211	-1.42205	0.25943	0.758095	-1.3191	0.951489	1.01442	1.01442	0.033977	1.79079	1.79079	0.871104	0.962496	-1.03897	0.412133	1.21823	1.21823	2.28563	2.00595	0.780121	1
cg17512353	HLA-L	0.129205	0.170294	0.703457	-1.42155	0.255618	1.33088	1.33088	?	?	?	0.321581	0.781419	-1.27972	0.919002	1.0248	1.0248	0.564756	0.869187	-1.1505	0.0445301	0.573698	-1.74308	0.131266	1.48057	1.48057	0.127035	1.48808	1.48808	2.30658	1.88373	0.816678	1
cg16502686	LOC642852	0.129205	0.286649	1.26424	1.26424	0.0291112	1.72451	1.72451	0.0137616	1.90668	1.90668	0.128144	1.417	1.417	0.652889	1.10069	1.10069	0.260218	1.28257	1.28257	0.0863861	1.49398	1.49398	0.0957232	1.4737	1.4737	0.261154	1.28189	1.28189	2.28562	1.62557	0.632191	1
ch.10.645342R	KIAA1217;KIAA1217;KIAA1217	0.129206	0.279096	0.847651	-1.17973	0.0121143	0.631679	-1.58308	0.019128	0.659362	-1.51662	0.454727	1.11834	1.11834	0.611866	0.927597	-1.07805	0.365346	0.872308	-1.14638	0.845828	1.02901	1.02901	0.462774	0.896028	-1.11604	0.83367	0.969586	-1.03137	2.28561	0.780937	0.303712	1
cg12796332	ITGB3BP	0.129209	0.00522474	0.379758	-2.63326	0.694043	1.10948	1.10948	0.286208	1.33781	1.33781	0.981176	0.99382	-1.00622	0.409065	0.801023	-1.2484	0.472924	0.825451	-1.21146	0.876652	1.04166	1.04166	0.204199	0.703214	-1.42204	0.243098	0.725446	-1.37846	2.28559	2.49948	0.972072	1
cg20497627	MTIF2;MTIF2	0.12921	0.885499	1.02456	1.02456	0.378493	1.16431	1.16431	0.716215	1.0634	1.0634	0.833772	1.03602	1.03602	0.153654	1.2933	1.2933	0.538415	1.11057	1.11057	0.0155507	0.606789	-1.64802	0.0719331	0.713032	-1.40246	0.377326	1.16477	1.16477	2.28558	1.02613	0.399075	1
cg16429499	NLRC3	0.129211	0.206116	0.458587	-2.18061	0.096455	0.344075	-2.90634	0.00487885	0.112901	-8.85729	0.357936	0.575429	-1.73783	0.489237	0.663218	-1.5078	0.220448	0.470912	-2.12354	0.175805	0.43108	-2.31976	0.10481	0.354787	-2.81859	0.294056	0.529298	-1.88929	2.28557	12.3697	4.81072	1
cg10800519	SAMD12;SAMD12	0.129214	0.189763	0.764606	-1.30786	0.91441	0.979438	-1.02099	0.139436	0.735394	-1.35982	0.151834	0.743269	-1.34541	0.0096228	0.530827	-1.88385	0.283028	0.806095	-1.24055	0.490053	1.1451	1.1451	0.190297	0.764882	-1.30739	0.083994	0.691092	-1.44699	2.28555	1.35175	0.52572	1
cg21122693	RNF4	0.129218	0.0344582	0.484508	-2.06395	0.723912	0.901046	-1.10982	0.142049	1.59003	1.59003	0.799718	1.07755	1.07755	0.297031	0.727865	-1.37388	0.484358	1.23218	1.23218	0.100394	0.589317	-1.69688	0.0890119	1.73507	1.73507	0.633709	1.15147	1.15147	2.28551	3.12443	1.21516	1
cg10024000	NF1;NF1;NF1	0.129219	0.303197	1.81451	1.81451	0.661355	0.781719	-1.27923	0.154398	2.3436	2.3436	0.938282	1.04421	1.04421	0.816843	1.13839	1.13839	0.780509	1.1689	1.1689	0.00588164	0.133494	-7.49098	0.836133	1.12267	1.12267	0.417695	0.629587	-1.58834	2.28551	11.2981	4.39408	1
cg10166090	RDH11	0.12922	0.0238838	0.123889	-8.07173	0.0453454	0.168872	-5.92163	0.424947	0.531918	-1.87999	0.992682	1.00713	1.00713	0.0260306	0.129182	-7.74102	0.726892	0.762115	-1.31214	0.87981	0.889382	-1.12438	0.51179	1.6745	1.6745	0.211027	0.360247	-2.77587	2.28549	21.7267	8.45008	1
cg14870958	RGS6	0.129221	0.19095	1.3912	1.3912	0.112867	0.66268	-1.50902	0.0346344	0.555819	-1.79915	0.930038	0.97928	-1.02116	0.0402315	0.568305	-1.75962	0.0732293	0.621062	-1.61014	0.484551	0.844201	-1.18455	0.859985	0.958776	-1.043	0.372203	0.803769	-1.24414	2.28549	2.05778	0.800327	1
cg22693994	TARDBP	0.129221	0.0647413	0.385665	-2.59292	0.884194	1.06923	1.06923	0.130637	0.472495	-2.11643	0.385059	0.664306	-1.50533	0.0331931	0.318708	-3.13767	0.293614	0.606322	-1.64929	0.0143549	0.250003	-3.99995	0.651797	0.811687	-1.232	0.152731	0.494898	-2.02062	2.28549	7.63545	2.96963	1
cg03747030	PIP5K1C	0.129221	0.857377	0.935113	-1.06939	0.210255	0.611169	-1.63621	0.0217548	0.358015	-2.79318	0.0908502	2.00311	2.00311	0.756034	1.12325	1.12325	0.187667	1.68325	1.68325	0.424152	1.35583	1.35583	0.928339	1.03412	1.03412	0.191392	0.596992	-1.67506	2.28549	5.03441	1.95802	1
cg07744547	MYOM2	0.129221	0.490091	1.23341	1.23341	0.39812	1.29549	1.29549	0.762354	0.913243	-1.095	0.375782	1.31259	1.31259	0.0765155	1.80327	1.80327	0.416394	0.779932	-1.28216	0.0173151	2.38073	2.38073	0.864852	1.0523	1.0523	0.0945956	0.57706	-1.73292	2.28549	3.24121	1.2606	1
cg16416578	WDR46;WDR46	0.129221	0.366972	1.41186	1.41186	0.690378	1.16068	1.16068	0.0606781	0.45519	-2.19688	0.0164097	0.335718	-2.97869	0.930734	0.968164	-1.03288	0.348364	1.43233	1.43233	0.698598	1.15581	1.15581	0.72758	1.139	1.139	0.117672	0.531336	-1.88205	2.28549	5.01323	1.94978	1
cg26002091	DNMBP	0.129223	0.101402	0.336476	-2.97198	0.00966444	0.136887	-7.30528	0.0387565	0.233764	-4.27782	0.404083	0.59542	-1.67949	0.209789	0.448112	-2.23158	0.425282	0.6099	-1.63961	0.0723461	0.295871	-3.37985	0.220806	0.457625	-2.1852	0.508606	0.665484	-1.50266	2.28548	13.35	5.1922	1
cg14129103	SNX29	0.129223	0.0267272	0.481422	-2.07718	0.0107228	0.409428	-2.44243	0.0793996	0.581434	-1.71988	0.936168	0.977941	-1.02256	0.946908	0.981626	-1.01872	0.538051	0.840613	-1.18961	0.354118	0.766833	-1.30407	0.777644	1.08203	1.08203	0.467061	0.813761	-1.22886	2.28548	2.80709	1.09176	1
cg10870033	TREML2P	0.129223	0.798078	0.973554	-1.02716	0.508614	1.07262	1.07262	0.0695184	0.80877	-1.23645	0.139202	0.846719	-1.18103	0.310599	1.11592	1.11592	0.113475	1.19728	1.19728	0.974189	1.00339	1.00339	0.0303807	0.766397	-1.30481	0.78591	1.02887	1.02887	2.28547	0.395608	0.153864	1
cg13076732	SMAD3;SMAD3;SMAD3	0.129223	0.992706	1.00183	1.00183	0.0387735	0.619081	-1.6153	0.682598	0.920915	-1.08588	0.815223	0.954174	-1.04803	0.0396563	0.62082	-1.61077	0.510461	0.874794	-1.14313	0.0522738	1.55634	1.55634	0.902288	1.02492	1.02492	0.192019	0.758255	-1.31882	2.28547	1.45343	0.565283	1
cg25139619	MIR17HG;MIR17HG	0.129226	0.124417	0.744726	-1.34278	0.0872928	0.715722	-1.39719	0.753624	1.05737	1.05737	0.137935	0.75351	-1.32712	0.0709514	0.699476	-1.42964	0.143291	0.756798	-1.32136	0.087994	1.39595	1.39595	0.77517	1.05204	1.05204	0.699956	1.07101	1.07101	2.28545	1.13613	0.441879	1
cg03595123	RTN3;RTN3;RTN3;RTN3	0.129226	0.91556	1.03956	1.03956	0.00698386	3.58391	3.58391	0.0382965	2.40674	2.40674	0.485136	1.29629	1.29629	0.617944	1.20196	1.20196	0.812646	1.09075	1.09075	0.291525	1.49243	1.49243	0.0765392	2.05599	2.05599	0.409082	1.3619	1.3619	2.28545	4.84449	1.88419	1
cg23606758	ORC1L;PRPF38A;ORC1L	0.129227	0.216155	1.34274	1.34274	0.862222	0.961433	-1.04011	0.253197	1.31023	1.31023	0.500843	1.16732	1.16732	0.175158	0.721461	-1.38608	0.0666868	1.59288	1.59288	0.025831	0.549251	-1.82066	0.515812	1.16089	1.16089	0.727319	0.923797	-1.08249	2.28544	1.85568	0.721742	1
cg08129420	SNTG1	0.129229	0.289998	0.506809	-1.97313	0.336823	0.541821	-1.84563	0.159644	0.39458	-2.53434	0.705983	0.790933	-1.26433	0.0440787	0.23893	-4.18533	0.0465474	0.243986	-4.0986	0.0133923	0.150248	-6.65564	0.690796	0.780806	-1.28073	0.0936012	0.319451	-3.13037	2.28542	13.8619	5.39141	1
cg03453449	USP44;USP44	0.129233	0.286221	1.37525	1.37525	0.988567	1.00413	1.00413	0.0435965	0.512979	-1.9494	0.0370882	2.00657	2.00657	0.536772	0.835308	-1.19716	0.179307	0.663388	-1.50741	0.306015	0.737183	-1.35652	0.311085	1.35191	1.35191	0.600819	1.16403	1.16403	2.28539	2.99604	1.16529	1
cg18677603	LOC100131551	0.129236	0.092994	0.387911	-2.57791	0.0982139	2.53288	2.53288	0.992636	1.00474	1.00474	0.671087	0.80342	-1.24468	0.0420521	0.301091	-3.32126	0.958291	1.02716	1.02716	0.0621257	0.34091	-2.93332	0.103758	0.401884	-2.48828	0.60707	0.766593	-1.30447	2.28537	9.50339	3.69632	1
cg12700788	KIF19	0.129236	0.0759379	7.00235	7.00235	0.176399	4.1217	4.1217	0.326902	2.71106	2.71106	0.1635	4.32929	4.32929	0.263649	3.15265	3.15265	0.259798	3.18466	3.18466	0.00736271	30.0693	30.0693	0.0573886	8.31531	8.31531	0.228118	3.47838	3.47838	2.28537	35.1464	13.6701	1
cg05680973	HS6ST2;HS6ST2	0.129238	0.0582949	0.387355	-2.58161	0.0758629	0.416569	-2.40056	0.166445	0.51998	-1.92315	0.105972	2.1872	2.1872	0.23745	0.577779	-1.73077	0.0582184	0.387215	-2.58255	0.20466	0.552536	-1.80984	0.849294	0.919139	-1.08797	0.9163	0.954473	-1.0477	2.28535	7.11092	2.7658	1
cg07379550	CDC42BPA;CDC42BPA	0.129239	0.421067	0.800636	-1.24901	0.530773	1.1874	1.1874	0.223374	0.707457	-1.41351	0.466938	0.818524	-1.22171	0.0264147	0.490613	-2.03827	0.735907	0.912493	-1.0959	0.0236349	2.07709	2.07709	0.797995	1.07184	1.07184	0.952533	0.984025	-1.01623	2.28534	2.64869	1.03021	1
cg11827925	AQP1;AQP1	0.129239	0.0530603	0.228067	-4.38467	0.0338477	0.189008	-5.29079	0.285002	0.473903	-2.11014	0.229261	0.428121	-2.33579	0.0318472	0.184243	-5.4276	0.228965	0.427868	-2.33717	0.0445056	0.211925	-4.71864	0.0983602	0.295538	-3.38366	0.203259	0.405319	-2.4672	2.28534	16.3658	6.3655	1
cg20929407	MYO1C;MYO1C;MYO1C	0.129239	0.554605	0.855079	-1.16948	0.0439337	1.83402	1.83402	0.0604601	1.74118	1.74118	0.687463	0.89948	-1.11175	0.0792287	0.600241	-1.666	0.399184	1.25369	1.25369	0.119724	1.55615	1.55615	0.662572	0.891351	-1.12189	0.802673	0.936517	-1.06779	2.28534	2.48359	0.966	1
cg01318557	LAT2;LAT2;LAT2;LAT2;LAT2;LAT2	0.12924	0.0475265	0.151167	-6.61518	0.041656	0.141194	-7.08244	0.742851	0.760004	-1.31578	0.322897	0.426925	-2.34233	0.0479933	0.151934	-6.58181	0.324934	0.428554	-2.33343	0.0413253	0.140613	-7.11173	0.046161	0.148904	-6.71575	0.353075	0.450898	-2.2178	2.28534	25.1501	9.78223	1
cg04599612	SLC2A7	0.129241	0.094359	0.464336	-2.15361	0.384572	0.689417	-1.4505	0.472932	0.73747	-1.35599	0.0499182	0.393441	-2.54168	0.00669247	0.230518	-4.33806	0.367877	0.679869	-1.47087	0.113061	0.487016	-2.05332	0.441851	0.720975	-1.38701	0.222932	0.586104	-1.70618	2.28533	6.29892	2.45	1
cg08418323	ZDHHC11	0.129241	0.0770276	0.609481	-1.64074	0.119127	1.53103	1.53103	0.32089	0.772379	-1.2947	0.481461	1.19745	1.19745	0.0127647	0.458806	-2.17957	0.404013	0.80651	-1.23991	0.813683	0.942277	-1.06126	0.678537	0.900361	-1.11067	0.924669	1.0241	1.0241	2.28533	2.29547	0.892834	1
cg07223632	CELSR1	0.129242	0.448967	0.858048	-1.16544	0.231789	0.779706	-1.28253	0.257389	1.26431	1.26431	0.23894	0.782927	-1.27726	0.00778758	0.507668	-1.96979	0.537617	1.13184	1.13184	0.745938	0.937531	-1.06663	0.26703	0.794978	-1.2579	0.467398	1.15803	1.15803	2.28532	1.42496	0.55425	1
cg05099145	MAPK8IP3;MAPK8IP3	0.129244	0.780509	0.915366	-1.09246	0.0346434	0.458536	-2.18085	0.0483705	0.489657	-2.04224	0.33751	1.36753	1.36753	0.0180378	0.402765	-2.48284	0.933932	0.974095	-1.02659	0.682299	0.877845	-1.13915	0.942941	0.977595	-1.02292	0.597853	0.844922	-1.18354	2.2853	3.62707	1.41078	1
cg23628117	CDK6;CDK6	0.129249	0.051693	4.91742	4.91742	0.522044	1.59477	1.59477	0.751171	0.79547	-1.25712	0.0812406	4.01602	4.01602	0.0985713	3.68008	3.68008	0.806024	0.837809	-1.19359	0.913493	1.0813	1.0813	0.0275015	6.52267	6.52267	0.0554131	4.76711	4.76711	2.28526	18.7256	7.28363	1
cg18315983	FGL1;FGL1;FGL1;FGL1	0.12925	0.936846	0.954493	-1.04768	0.442091	0.63087	-1.58511	0.0835033	0.324361	-3.08298	0.430893	0.623438	-1.60401	0.0123746	0.160398	-6.23449	0.0698075	0.303713	-3.29258	0.035994	0.238442	-4.1939	0.892797	0.923811	-1.08247	0.285901	0.521324	-1.91819	2.28525	12.5021	4.86293	1
ch.7.1866993F	DBF4	0.129251	0.0107441	0.0985134	-10.1509	0.792593	0.826518	-1.20989	0.653104	0.721004	-1.38696	0.382603	0.523412	-1.91054	0.018571	0.126984	-7.87501	0.558358	0.651843	-1.53411	0.0797387	0.245135	-4.07938	0.397804	0.534748	-1.87004	0.869105	0.887587	-1.12665	2.28525	18.9203	7.3594	1
cg26246840	CD226	0.129252	0.0300923	0.339449	-2.94595	0.465334	0.730001	-1.36986	0.110421	0.478633	-2.08928	0.130618	0.500852	-1.9966	0.0156412	0.285022	-3.5085	0.149173	0.519357	-1.92546	0.148933	0.519127	-1.92631	0.732511	0.864752	-1.1564	0.101191	0.467562	-2.13875	2.28523	6.49294	2.52556	1
cg02030697	TEAD1	0.129255	0.31728	0.877924	-1.13905	0.109228	1.24602	1.24602	0.196197	1.18782	1.18782	0.126159	1.2317	1.2317	0.105259	1.2497	1.2497	0.62005	0.938998	-1.06496	0.0836146	0.785721	-1.27272	0.306377	0.875143	-1.14267	0.453695	0.908351	-1.1009	2.28522	0.574044	0.223288	1
cg11222889	LRRC59	0.129255	0.947391	1.01584	1.01584	0.762795	0.930435	-1.07477	0.110994	0.661266	-1.51225	0.281913	0.766159	-1.30521	0.674712	1.10577	1.10577	0.100635	0.651571	-1.53475	0.00631157	0.42859	-2.33323	0.681832	1.10317	1.10317	0.987707	1.00368	1.00368	2.28521	2.05357	0.798787	1
cg13851904	MGC12982	0.129255	0.178849	2.37988	2.37988	0.698684	1.26638	1.26638	0.287499	1.95516	1.95516	0.174667	2.40253	2.40253	0.253751	0.485005	-2.06183	0.4515	0.627677	-1.59318	0.371841	0.573117	-1.74485	0.0107103	7.00972	7.00972	0.608945	1.36788	1.36788	2.28521	13.3404	5.18906	1
cg16629076	NELF;NELF;NELF;NELF	0.129257	0.32789	0.861184	-1.16119	0.11217	1.29169	1.29169	0.766398	1.04507	1.04507	0.648925	1.07018	1.07018	0.0272784	1.47191	1.47191	0.0714914	1.34695	1.34695	0.0701584	1.34929	1.34929	0.320729	0.859141	-1.16395	0.583847	1.0853	1.0853	2.2852	0.792556	0.308286	1
cg18673401	KCNJ2	0.129258	0.0959828	0.716918	-1.39486	0.795895	1.04832	1.04832	0.19217	1.2857	1.2857	0.0127899	0.569526	-1.75584	0.792607	0.953165	-1.04914	0.389513	0.8517	-1.17412	0.120824	0.736206	-1.35831	0.401636	0.855336	-1.16913	0.557329	1.11408	1.11408	2.28519	1.19929	0.466497	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04347477	NCOR2;NCOR2	0.129258	0.826705	0.872611	-1.14599	0.324256	1.88266	1.88266	0.247276	2.12087	2.12087	0.705386	1.26624	1.26624	0.984803	1.01191	1.01191	0.972133	0.978525	-1.02195	0.0220373	0.181464	-5.51072	0.0330824	0.212544	-4.70491	0.187177	0.419438	-2.38414	2.28519	13.979	5.43753	1
cg09889848	DIP2C	0.12926	0.338712	0.562609	-1.77743	0.334481	1.78701	1.78701	0.157931	0.414561	-2.41219	0.882298	0.91722	-1.09025	0.029986	0.225585	-4.43292	0.625977	1.33174	1.33174	0.252386	0.49792	-2.00836	0.059692	3.4535	3.4535	0.278908	0.518607	-1.92824	2.28517	12.3114	4.78889	1
cg17561891	C7orf23	0.129261	0.165786	1.31496	1.31496	0.75928	1.05859	1.05859	0.0428578	1.54	1.54	0.508938	1.13216	1.13216	0.376497	1.18308	1.18308	0.972937	0.993735	-1.0063	0.976447	1.00548	1.00548	0.0389221	1.55717	1.55717	0.012559	1.77728	1.77728	2.28517	1.24207	0.483144	1
cg24693341	PHOX2B	0.129262	0.0474826	16.4245	16.4245	0.41946	2.76864	2.76864	0.147739	6.80244	6.80244	0.634325	0.553475	-1.80677	0.880689	0.830759	-1.20372	0.496052	0.42603	-2.34725	0.63401	0.553166	-1.80777	0.0110776	51.0354	51.0354	0.927438	0.893646	-1.11901	2.28516	55.1557	21.4547	1
cg05171195	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.129266	0.163664	0.649054	-1.5407	0.588219	1.17229	1.17229	0.0823373	0.571431	-1.74999	0.0764967	0.563836	-1.77357	0.0110691	0.395956	-2.52554	0.458409	0.80288	-1.24552	0.150229	0.638607	-1.56591	0.82212	1.06767	1.06767	0.830108	0.93943	-1.06448	2.28512	3.06022	1.19039	1
cg11884933	GNA12	0.129267	0.247531	1.62512	1.62512	0.266478	1.59203	1.59203	0.5507	0.784683	-1.2744	0.676053	1.18386	1.18386	0.517668	1.30139	1.30139	0.0338885	2.70408	2.70408	0.0106908	3.62804	3.62804	0.0917857	2.10763	2.10763	0.381281	1.43429	1.43429	2.28511	5.83797	2.27092	1
cg10700717	POGZ;POGZ;POGZ	0.129268	0.0295477	0.50403	-1.98401	0.171494	1.47589	1.47589	0.0682861	1.72602	1.72602	0.412541	0.799302	-1.25109	0.71486	1.10308	1.10308	0.694956	0.899985	-1.11113	0.579878	0.861131	-1.16126	0.594625	0.866223	-1.15444	0.0935617	0.610708	-1.63744	2.28511	2.58751	1.00652	1
cg14802355	MANBA	0.129269	0.859647	1.08427	1.08427	0.311649	0.619725	-1.61362	0.180938	1.91426	1.91426	0.0396439	2.96712	2.96712	0.105095	0.445063	-2.24687	0.256148	1.71918	1.71918	0.195744	0.535022	-1.86908	0.197483	1.86404	1.86404	0.352051	1.54927	1.54927	2.2851	7.56256	2.94179	1
cg01918604	ADORA3	0.129269	0.671696	0.685215	-1.4594	0.00454718	0.0350294	-28.5474	0.0760439	0.173669	-5.75807	0.978992	1.02362	1.02362	0.322768	0.404265	-2.47362	0.278565	0.368226	-2.71572	0.1595	0.263678	-3.79251	0.516626	0.558163	-1.79159	0.936182	1.07359	1.07359	2.2851	28.4572	11.0697	1
cg24370881	WDR1;WDR1	0.12927	0.0389058	0.512802	-1.95007	0.974235	1.00906	1.00906	0.35241	0.765438	-1.30644	0.105471	0.610144	-1.63896	0.679119	0.8903	-1.12322	0.0169886	0.443481	-2.25489	0.463065	1.23201	1.23201	0.57214	1.17287	1.17287	0.527305	1.19591	1.19591	2.28509	2.82395	1.0985	1
cg10307595	SHANK2;SHANK2	0.129271	0.0521861	1.77281	1.77281	0.371578	0.788321	-1.26852	0.761026	0.923963	-1.08229	0.366056	1.27221	1.27221	0.0168442	2.12986	2.12986	0.11953	1.54951	1.54951	0.131386	1.5254	1.5254	0.761115	1.08226	1.08226	0.668415	0.894303	-1.11819	2.28509	2.43252	0.946239	1
cg02733659	ESX1	0.129277	0.0517615	6.80117	6.80117	0.113046	4.45359	4.45359	0.38289	2.17054	2.17054	0.875059	1.146	1.146	0.444276	0.508932	-1.9649	0.279392	2.6484	2.6484	0.0455772	7.28281	7.28281	0.0319243	8.82237	8.82237	0.106127	4.61077	4.61077	2.28504	27.145	10.5595	1
cg07595291	PPP1R14A;PPP1R14A	0.129278	0.266575	0.22488	-4.44681	0.93733	1.10669	1.10669	0.0598613	15.4419	15.4419	0.333043	0.276041	-3.62265	0.103416	0.100655	-9.93494	0.295426	0.246917	-4.04995	0.939664	1.10251	1.10251	0.0337071	24.4626	24.4626	0.862399	1.25061	1.25061	2.28503	60.1395	23.3946	1
cg05628436	DNAL4	0.129281	0.473166	0.887798	-1.12638	0.221004	1.23484	1.23484	0.516427	0.898287	-1.11323	0.0155257	0.60714	-1.64707	0.0497463	0.689504	-1.45032	0.941982	1.01191	1.01191	0.289332	1.19718	1.19718	0.9398	1.01236	1.01236	0.61462	1.08622	1.08622	2.41284	0.990265	0.319211	1
cg09332974	LRIG2	0.129284	?	?	?	0.663936	1.06358	1.06358	0.31948	1.15611	1.15611	0.0611959	0.742708	-1.34642	0.240506	0.840909	-1.18919	0.0199611	0.672993	-1.4859	0.997981	0.999643	-1.00036	0.929562	1.01254	1.01254	0.289309	1.16776	1.16776	2.30592	0.645426	0.279899	1
cg07356415	CILP2	0.129285	0.133501	0.658249	-1.51918	0.895032	1.0347	1.0347	0.0133318	0.452878	-2.2081	0.658564	0.891452	-1.12177	0.804219	1.06628	1.06628	0.707749	1.10219	1.10219	0.0962527	1.60304	1.60304	0.463169	0.824528	-1.21282	0.152425	0.672976	-1.48594	2.28497	2.41588	0.939816	1
cg16587832	VAT1L	0.129288	0.352781	1.42169	1.42169	0.0861475	0.497707	-2.00921	0.30918	1.47297	1.47297	0.246968	1.56123	1.56123	0.266029	0.652802	-1.53186	0.863882	1.06518	1.06518	0.0555832	0.450105	-2.2217	0.0582072	0.454877	-2.1984	0.589607	1.22188	1.22188	2.28494	4.90032	1.90632	1
cg21181015	AIG1	0.12929	0.358364	1.42093	1.42093	0.355994	1.42354	1.42354	0.299163	1.49219	1.49219	0.178644	1.70146	1.70146	0.281454	1.51644	1.51644	0.515648	1.27785	1.27785	0.00895482	0.29038	-3.44376	0.557593	1.24682	1.24682	0.817949	1.08955	1.08955	2.28493	5.00671	1.94772	1
cg23974812	THYN1;THYN1;ACAD8;THYN1;THYN1;THYN1	0.12929	0.168104	0.726396	-1.37666	0.388713	1.21196	1.21196	0.307016	1.25876	1.25876	0.150665	0.715188	-1.39823	0.276045	0.781475	-1.27963	0.907481	0.975017	-1.02562	0.0244149	1.79246	1.79246	0.260273	1.29115	1.29115	0.310131	0.795688	-1.25677	2.28493	1.71376	0.666692	1
cg08238777	GSR	0.129291	0.46516	1.18267	1.18267	0.18122	0.725879	-1.37764	0.0252793	1.82276	1.82276	0.934794	0.981701	-1.01864	0.375685	0.814483	-1.22777	0.724853	1.08303	1.08303	0.063467	0.624368	-1.60162	0.696167	0.915235	-1.09262	0.128109	0.689862	-1.44957	2.28492	1.8435	0.717165	1
cg18368637	LTV1	0.129293	0.703707	1.09111	1.09111	0.052565	0.604761	-1.65355	0.0539207	0.606947	-1.64759	0.0625907	0.619917	-1.61312	0.776249	0.937048	-1.06718	0.17139	0.717282	-1.39415	0.104417	1.49936	1.49936	0.723008	0.922002	-1.0846	0.442697	0.836438	-1.19555	2.2849	1.88426	0.733027	1
cg05447486	RAP1A;RAP1A	0.129301	0.661295	1.06845	1.06845	0.395101	0.8774	-1.13973	0.114259	1.29431	1.29431	0.344591	1.15742	1.15742	0.0686554	1.35803	1.35803	0.458659	1.11999	1.11999	0.0249242	0.669804	-1.49297	0.862443	1.02638	1.02638	0.250089	1.19781	1.19781	2.28484	0.816043	0.317471	1
cg10573560	ARPC3;ARPC3	0.129302	0.913445	0.986513	-1.01367	0.00315682	1.65499	1.65499	0.623264	1.06379	1.06379	0.666125	1.05571	1.05571	0.714789	1.0469	1.0469	0.107808	1.24503	1.24503	0.263489	1.15671	1.15671	0.977626	1.00351	1.00351	0.53419	1.0818	1.0818	2.28484	0.564429	0.219585	1
cg09854746	SFT2D2	0.129304	0.669378	0.821978	-1.21658	0.0380902	3.07133	3.07133	0.140763	2.07642	2.07642	0.0995013	0.433825	-2.30508	0.902123	0.94544	-1.05771	0.111295	0.448637	-2.22897	0.84542	0.914825	-1.0931	0.501359	1.36599	1.36599	0.150534	2.03444	2.03444	2.41263	7.77748	2.50729	1
cg14886150	MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD;MADD	0.129305	0.13508	0.556907	-1.79563	0.117696	1.85408	1.85408	0.168646	1.70402	1.70402	0.659274	0.851093	-1.17496	0.0151284	0.338045	-2.95818	0.980329	1.009	1.009	0.665049	1.1715	1.1715	0.523609	1.26475	1.26475	0.747173	0.889112	-1.12472	2.28481	4.77796	1.85883	1
cg17328451	LRP2BP;LRP2BP	0.129306	0.861727	0.941356	-1.0623	0.0355329	0.42812	-2.33579	0.280553	0.677857	-1.47524	0.420553	1.3301	1.3301	0.229803	1.54772	1.54772	0.620554	1.18886	1.18886	0.0233655	2.55791	2.55791	0.833537	1.07568	1.07568	0.462958	1.29562	1.29562	2.2848	4.34834	1.69169	1
cg00914787	DOCK5	0.129306	0.226641	0.43672	-2.2898	0.276279	0.477562	-2.09397	0.0322049	0.194541	-5.1403	0.312707	0.505854	-1.97685	0.164645	0.380023	-2.63142	0.118946	0.331397	-3.01753	0.00767233	0.106863	-9.3578	0.393643	0.565387	-1.7687	0.698254	0.775505	-1.28948	2.2848	15.4118	5.99589	1
cg05016408	LOC134466	0.129306	0.171111	1.9747	1.9747	0.970913	1.01717	1.01717	0.220976	1.82349	1.82349	0.48364	1.39428	1.39428	0.718149	0.84431	-1.1844	0.64172	1.24457	1.24457	0.0100973	0.219695	-4.55177	0.255626	0.574587	-1.74038	0.334767	0.628474	-1.59115	2.2848	7.88874	3.06908	1
cg07908870	C3orf59	0.129309	0.336342	0.523082	-1.91174	0.296109	0.492532	-2.03032	0.491009	0.633002	-1.57977	0.714433	1.27154	1.27154	0.147597	0.362168	-2.76115	0.778422	0.831604	-1.2025	0.00347318	0.0747959	-13.3697	0.268319	0.470625	-2.12483	0.325821	0.515208	-1.94096	2.28478	15.4627	6.01574	1
cg17745562	CTNS;SHPK;CTNS	0.12931	0.892819	1.07333	1.07333	0.225333	1.95122	1.95122	0.41522	0.645865	-1.54831	0.0290698	0.25914	-3.85892	0.908039	1.06254	1.06254	0.893348	1.07295	1.07295	0.0250963	4.04987	4.04987	0.66539	1.25661	1.25661	0.244642	1.89442	1.89442	2.28477	9.97135	3.87936	1
cg02560744	MALL	0.129316	0.667692	1.19797	1.19797	0.03614	2.77064	2.77064	0.921195	0.959461	-1.04225	0.552589	1.28564	1.28564	0.428817	0.713337	-1.40186	0.608541	0.805707	-1.24115	0.917847	1.04409	1.04409	0.160204	0.53393	-1.8729	0.0172867	3.36259	3.36259	2.28472	6.32877	2.46226	1
cg22335954	COL14A1	0.129316	0.174591	0.698714	-1.4312	0.608732	0.879695	-1.13676	0.4534	1.2088	1.2088	0.0585352	1.69996	1.69996	0.955571	1.01393	1.01393	0.710259	0.911514	-1.09708	0.0345922	1.84364	1.84364	0.587167	1.1458	1.1458	0.0882099	0.626834	-1.59532	2.28472	2.23042	0.867763	1
cg00501111	ZFP91;LPXN;ZFP91-CNTF	0.129317	0.0311763	0.706979	-1.41447	0.0523397	0.738906	-1.35335	0.254306	1.1773	1.1773	0.310431	0.865961	-1.15479	0.508798	0.912189	-1.09626	0.741396	0.955605	-1.04646	0.102312	1.27783	1.27783	0.702237	1.05408	1.05408	0.661618	1.06225	1.06225	2.28471	0.680368	0.264704	1
cg16226004	AUTS2;AUTS2	0.129318	0.954962	0.988373	-1.01176	0.0101899	0.511255	-1.95597	0.0404404	0.612562	-1.63249	0.907574	1.02434	1.02434	0.490108	1.15623	1.15623	0.978106	1.0057	1.0057	0.263467	1.27302	1.27302	0.543583	0.880463	-1.13577	0.925949	1.01944	1.01944	2.28471	1.55154	0.603643	1
cg18648997	DAG1;DAG1	0.129318	0.898585	1.05611	1.05611	0.0719352	2.36328	2.36328	0.0441603	2.69099	2.69099	0.627142	1.23315	1.23315	0.421852	1.42088	1.42088	0.541842	0.767682	-1.30262	0.396106	0.689316	-1.45071	0.676385	0.835507	-1.19688	0.0369	0.35427	-2.82271	2.2847	6.6324	2.58041	1
cg05521659	IGFN1	0.129318	0.49504	1.20809	1.20809	0.994175	0.99801	-1.00199	0.0489235	0.541447	-1.8469	0.297558	0.744798	-1.34265	0.698341	0.899191	-1.11211	0.485065	0.824009	-1.21358	0.0754976	0.582821	-1.71579	0.022017	0.472636	-2.11579	0.243908	1.39465	1.39465	2.2847	2.69371	1.04802	1
cg15136870	CRLF1	0.129319	0.141525	1.23287	1.23287	0.221052	1.18572	1.18572	0.00356298	1.68693	1.68693	0.179884	1.20757	1.20757	0.660243	1.06033	1.06033	0.645784	1.0632	1.0632	0.949952	0.991722	-1.00835	0.965346	0.994263	-1.00577	0.598045	1.07299	1.07299	2.2847	0.634516	0.246866	1
cg27193893	TMED4	0.129319	0.608959	0.945133	-1.05805	0.00818873	1.44779	1.44779	0.184636	1.16636	1.16636	0.923765	0.989586	-1.01052	0.961274	0.994704	-1.00532	0.518672	0.930942	-1.07418	0.255149	0.878153	-1.13875	0.395022	0.909125	-1.09996	0.247063	1.14153	1.14153	2.28469	0.432821	0.168394	1
cg07095997	SIX4	0.129319	0.15175	1.58771	1.58771	0.538948	1.20594	1.20594	0.465009	1.25087	1.25087	0.764795	1.09453	1.09453	0.727163	0.899925	-1.1112	0.0593723	1.8978	1.8978	0.00835294	2.75815	2.75815	0.0975579	1.7285	1.7285	0.764955	0.913693	-1.09446	2.28469	3.27898	1.27573	1
cg25303831	C13orf26	0.129321	0.946283	1.01464	1.01464	0.00826476	2.07194	2.07194	0.914893	0.977205	-1.02333	0.343737	0.810276	-1.23415	0.528979	0.871468	-1.14749	0.87678	0.967085	-1.03403	0.0506123	1.61684	1.61684	0.373118	1.21801	1.21801	0.97708	0.993822	-1.00622	2.28468	1.68352	0.654997	1
cg05102015	RGS17	0.129321	0.327023	0.77484	-1.29059	0.00788309	0.423437	-2.36163	0.0767606	0.608812	-1.64254	0.82567	1.05719	1.05719	0.914435	1.02747	1.02747	0.818984	0.943846	-1.05949	0.187017	1.42276	1.42276	0.404547	0.806524	-1.23989	0.825699	0.945912	-1.05718	2.28468	2.29993	0.89482	1
cg10837116	KRT1	0.129321	0.499897	0.775515	-1.28947	0.914234	0.960796	-1.0408	0.0192436	0.349509	-2.86116	0.401048	0.726812	-1.37587	0.157265	0.570364	-1.75327	0.176316	0.586453	-1.70517	0.0266383	0.377095	-2.65185	0.132084	0.546966	-1.82827	0.0494385	0.435036	-2.29866	2.28468	4.9866	1.94011	1
cg18413116	MNT	0.129323	0.392376	0.676339	-1.47855	0.21446	1.79188	1.79188	0.174495	1.90527	1.90527	0.340669	1.54996	1.54996	0.402308	0.682131	-1.46599	0.119981	2.12296	2.12296	0.119132	0.47009	-2.12725	0.0289256	3.15649	3.15649	0.699825	1.18875	1.18875	2.28467	7.20704	2.80403	1
cg11799819	TMOD1;TMOD1	0.129324	0.638115	0.923441	-1.08291	0.0382158	1.49756	1.49756	0.0798795	1.38644	1.38644	0.970091	0.993716	-1.00632	0.650859	0.926262	-1.07961	0.751578	1.05484	1.05484	0.230642	0.809433	-1.23543	0.0383474	1.49702	1.49702	0.16634	1.28162	1.28162	2.28466	1.02277	0.397929	1
cg26546155	RSPRY1	0.129324	0.341809	0.792837	-1.26129	0.0977626	0.650157	-1.53809	0.877882	1.03711	1.03711	0.732852	0.922008	-1.08459	0.221546	1.35598	1.35598	0.417357	1.21705	1.21705	0.022019	1.9174	1.9174	0.0949512	1.5448	1.5448	0.591945	0.879644	-1.13682	2.28465	2.03243	0.790758	1
cg11168423	ANO10	0.129325	0.206879	0.40507	-2.46871	0.013071	0.123694	-8.08447	0.104035	0.299213	-3.3421	0.935379	1.05659	1.05659	0.0286472	0.173324	-5.76954	0.407849	0.562846	-1.77668	0.0847891	0.274172	-3.64735	0.5988	0.697381	-1.43394	0.316991	0.495464	-2.01831	2.28465	16.676	6.48814	1
cg12473916	SHC1;SHC1;SHC1;SHC1	0.129325	0.0330611	0.398962	-2.50651	0.242701	0.63713	-1.56954	0.996316	1.0017	1.0017	0.464781	0.760097	-1.31562	0.085722	0.496454	-2.01428	0.45513	0.755411	-1.32378	0.0533516	0.4452	-2.24618	0.0208454	0.358633	-2.78836	0.111628	0.52789	-1.89433	2.28465	4.91901	1.91384	1
cg22132788	MYO1G	0.129325	0.0132044	57.7883	57.7883	0.462314	2.68613	2.68613	0.357799	3.4862	3.4862	0.168323	6.94952	6.94952	0.957417	1.07306	1.07306	0.388102	3.216	3.216	0.473282	2.6201	2.6201	0.0624234	15.9502	15.9502	0.0211618	38.8698	38.8698	2.28464	63.1004	24.5505	1
cg21472448	HTR7P	0.129328	0.262449	0.818443	-1.22183	0.151744	1.30126	1.30126	0.13173	1.32179	1.32179	0.147636	0.766143	-1.30524	0.02051	0.619618	-1.6139	0.771593	1.05118	1.05118	0.679171	0.931169	-1.07392	0.547355	1.11006	1.11006	0.462675	0.879683	-1.13677	2.28463	1.06387	0.413925	1
cg05977053	ANK1	0.129329	0.0849033	0.289682	-3.45206	0.502665	1.55641	1.55641	0.923258	0.939265	-1.06466	0.326736	0.517675	-1.93171	0.264512	0.469415	-2.13031	0.347456	0.533074	-1.87591	0.00764646	0.107559	-9.29722	0.182252	0.398278	-2.51081	0.113324	0.3261	-3.06654	2.28462	15.3012	5.95333	1
cg04022379	TSLP;TSLP	0.12933	0.160011	0.6758	-1.47973	0.203016	1.42017	1.42017	0.111003	1.57338	1.57338	0.295031	0.753164	-1.32773	0.0878304	0.611537	-1.63523	0.595697	0.869546	-1.15003	0.888479	1.0373	1.0373	0.0798957	1.66074	1.66074	0.226644	1.39287	1.39287	2.28461	2.46541	0.959234	1
cg26515926	HIPK2;HIPK2	0.129331	0.0398378	0.203059	-4.92468	0.513926	0.641389	-1.55912	0.630653	1.38408	1.38408	0.56299	0.675466	-1.48046	0.0094006	0.109797	-9.10775	0.608707	0.707215	-1.414	0.200145	0.403322	-2.47941	0.721149	1.27184	1.27184	0.123218	0.326169	-3.0659	2.2846	16.2879	6.33729	1
cg18877271	TNNT3;TNNT3;TNNT3;TNNT3	0.129332	0.107226	0.150295	-6.65356	0.335143	0.342552	-2.91926	0.167096	0.204425	-4.89178	0.454488	0.439904	-2.27322	0.0348291	0.0705602	-14.1723	0.162262	0.200235	-4.99413	0.0201303	0.0487258	-20.523	0.0558641	0.0968221	-10.3282	0.085546	0.128925	-7.75643	2.28459	42.0375	16.356	1
cg26945996	SYT9	0.129338	0.217398	0.549322	-1.82042	0.45894	0.706016	-1.4164	0.973011	0.984504	-1.01574	0.322111	1.60348	1.60348	0.0352971	0.322495	-3.10082	0.505931	0.732294	-1.36557	0.446874	0.699145	-1.43032	0.757446	1.15374	1.15374	0.0105108	0.226205	-4.42078	2.28454	7.71062	3.00012	1
cg04803930	FBRSL1	0.129339	0.12252	1.96284	1.96284	0.103554	2.0492	2.0492	0.164651	1.81747	1.81747	0.126579	1.94643	1.94643	0.0317883	2.75718	2.75718	0.118784	1.97853	1.97853	0.0192844	3.12878	3.12878	0.175922	1.7859	1.7859	0.126072	1.94844	1.94844	2.28453	5.87617	2.28636	1
cg05520940	PVRL1;PVRL1	0.129346	0.816936	1.15375	1.15375	0.0674026	0.282505	-3.53976	0.917809	1.06574	1.06574	0.0311438	4.75941	4.75941	0.172952	2.44608	2.44608	0.520478	1.49446	1.49446	0.0567559	3.78108	3.78108	0.278492	2.00376	2.00376	0.282366	1.99175	1.99175	2.28448	13.7642	5.35564	1
cg06074994	WNT2;WNT2	0.129347	0.083543	0.341733	-2.92626	0.152656	0.423702	-2.36015	0.0470812	0.279745	-3.57468	0.287524	1.85716	1.85716	0.561678	0.719681	-1.38951	0.305479	1.81273	1.81273	0.0432896	0.271687	-3.6807	0.510789	0.68803	-1.45342	0.679439	1.2623	1.2623	2.28447	11.37	4.42408	1
cg21647278	EEF1B2;EEF1B2;SNORA41;EEF1B2	0.129348	0.0558109	0.390008	-2.56405	0.385171	0.679162	-1.4724	0.781723	0.8863	-1.12829	0.517341	0.751823	-1.3301	0.0688097	0.412716	-2.42297	0.0701485	0.414876	-2.41036	0.014206	0.268596	-3.72307	0.923044	0.958882	-1.04288	0.0938962	0.449121	-2.22657	2.28446	6.83232	2.65847	1
cg21132587	ALLC	0.129348	0.429955	0.506105	-1.97588	0.0115996	0.0694294	-14.4031	0.100752	0.218821	-4.56995	0.766595	1.2861	1.2861	0.589425	1.58494	1.58494	0.753858	0.766527	-1.30458	0.222289	0.338173	-2.95706	0.167359	3.46989	3.46989	0.558988	1.6479	1.6479	2.28446	25.8516	10.0589	1
cg05555653	ZHX2	0.129351	0.205464	0.525521	-1.90287	0.264603	0.571199	-1.7507	0.373797	0.644218	-1.55227	0.354797	0.63224	-1.58168	0.00466838	0.163371	-6.12105	0.889734	0.935371	-1.06909	0.539763	0.741562	-1.3485	0.404769	0.663268	-1.50769	0.0453558	0.330995	-3.0212	2.28444	8.39309	3.2658	1
cg11843691	TBC1D9	0.129352	0.0584868	0.56234	-1.77828	0.182722	1.4634	1.4634	0.0872463	0.601421	-1.66273	0.36256	0.777243	-1.2866	0.398161	0.792192	-1.26232	0.0315007	0.507009	-1.97235	0.444493	0.810657	-1.23357	0.0796387	0.592237	-1.68851	0.256182	0.726754	-1.37598	2.28443	2.6236	1.02086	1
cg07934434	GRID1	0.129353	0.165735	0.576739	-1.73389	0.0252662	2.69245	2.69245	0.308059	1.48114	1.48114	0.970558	0.986353	-1.01384	0.132776	0.546684	-1.82921	0.6954	1.15778	1.15778	0.899182	1.04832	1.04832	0.572067	1.23686	1.23686	0.0764678	0.480113	-2.08284	2.28442	5.01528	1.95149	1
cg05516832	SGTA	0.129354	0.565791	1.08301	1.08301	0.260184	1.17509	1.17509	0.0906143	1.29191	1.29191	0.965836	0.994133	-1.0059	0.0236893	1.44919	1.44919	0.0869954	0.771333	-1.29646	0.364646	0.879881	-1.13652	0.374082	0.882199	-1.13353	0.926552	1.01275	1.01275	2.28441	0.682773	0.265675	1
cg05086444	VIPR2	0.129357	0.138836	1.85824	1.85824	0.0210346	2.94298	2.94298	0.0960276	2.0358	2.0358	0.178864	1.74263	1.74263	0.126389	1.90235	1.90235	0.116551	1.941	1.941	0.0236744	2.85901	2.85901	0.156787	1.80217	1.80217	0.591648	1.23442	1.23442	2.28439	5.47219	2.12931	1
cg02253978	CMTM2	0.129357	0.312243	0.652171	-1.53334	0.0143293	0.290923	-3.43734	0.109456	0.489867	-2.04137	0.241353	0.605624	-1.65119	0.925213	1.03914	1.03914	0.272659	1.59498	1.59498	0.148577	1.88433	1.88433	0.947085	0.973225	-1.02751	0.834158	0.917841	-1.08951	2.28439	6.04943	2.35392	1
cg08972867	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.129357	0.131124	0.332123	-3.01093	0.406849	1.77497	1.77497	0.0615882	4.15302	4.15302	0.571388	0.679235	-1.47225	0.108272	0.305807	-3.27004	0.698876	0.768848	-1.30065	0.0620379	0.241526	-4.14034	0.108131	0.305636	-3.27187	0.483446	0.617794	-1.61866	2.28439	16.5442	6.43761	1
cg02012379	RPS4Y2	0.129359	0.176178	3.22665	3.22665	0.258354	2.61357	2.61357	0.627761	1.48888	1.48888	0.0268153	0.11805	-8.471	0.176583	0.310301	-3.22267	0.122425	3.91019	3.91019	0.220505	2.85561	2.85561	0.611311	0.658698	-1.51815	0.75794	0.777388	-1.28636	2.28437	24.0075	9.34174	1
cg18579327	CREB1;CREB1	0.12936	0.130569	0.803369	-1.24476	0.97477	1.00425	1.00425	0.145542	1.23314	1.23314	0.0660773	1.31848	1.31848	0.0180712	1.46971	1.46971	0.980021	0.996648	-1.00336	0.560463	0.924099	-1.08214	0.676151	1.05795	1.05795	0.627735	0.936574	-1.06772	2.28436	0.650562	0.253146	1
cg21329975	CC2D2A;CC2D2A;CC2D2A	0.12936	0.41967	0.757015	-1.32098	0.869644	0.946058	-1.05702	0.108164	1.80714	1.80714	0.722369	1.128	1.128	0.180557	0.618758	-1.61614	0.320774	0.707268	-1.41389	0.0282105	0.416931	-2.39848	0.0754096	0.512587	-1.95089	0.111495	0.556967	-1.79544	2.28436	4.12385	1.60467	1
cg14178347	PTPRN2;PTPRN2;PTPRN2	0.129361	0.333638	0.788221	-1.26868	0.295991	0.772129	-1.29512	0.0365299	0.559948	-1.78588	0.972436	1.00828	1.00828	0.698523	1.09733	1.09733	0.247809	1.3342	1.3342	0.0554402	0.59567	-1.67878	0.088559	1.56574	1.56574	0.975707	1.00729	1.00729	2.28436	2.06035	0.801725	1
cg07510423	C2orf40	0.129361	0.803879	1.24028	1.24028	0.305043	2.50728	2.50728	0.129851	4.12095	4.12095	0.0894209	5.05679	5.05679	0.448074	0.512159	-1.95252	0.459889	1.91783	1.91783	0.646788	0.670794	-1.49077	0.00725691	20.035	20.035	0.985432	0.984323	-1.01593	2.28435	27.0975	10.5442	1
cg20286956	MACF1	0.129361	0.566764	1.34693	1.34693	0.606225	1.30664	1.30664	0.0324197	3.62624	3.62624	0.0977198	2.54609	2.54609	0.112241	0.410871	-2.43385	0.363782	0.618741	-1.61618	?	?	?	0.309838	0.582421	-1.71697	0.367899	1.6092	1.6092	2.30528	8.58661	3.72475	1
cg12624667	TRANK1	0.129362	0.706114	0.799829	-1.25027	0.358389	1.74517	1.74517	0.710692	0.802777	-1.24568	0.958439	1.0312	1.0312	0.328439	0.551709	-1.81255	0.187583	0.438924	-2.2783	0.00498522	0.111764	-8.94743	0.977116	0.98323	-1.01706	0.138047	0.390019	-2.56398	2.28435	12.5772	4.89408	1
cg14682005	JARID2	0.129367	0.00851057	0.148082	-6.75301	0.196628	0.460004	-2.17389	0.566397	0.719169	-1.39049	0.0655036	0.308567	-3.24079	0.374484	0.595415	-1.6795	0.215652	0.476526	-2.09852	0.0692517	0.31471	-3.17753	0.208057	0.470018	-2.12758	0.0965574	0.354261	-2.82278	2.2843	11.7045	4.55457	1
cg25500553	ZBTB4;ZBTB4	0.129369	0.908344	0.979164	-1.02128	0.223431	0.791464	-1.26348	0.0458456	1.51966	1.51966	0.832846	0.962096	-1.0394	0.0662258	0.686117	-1.45748	0.632023	0.915566	-1.09222	0.0376959	1.55383	1.55383	0.947535	1.0121	1.0121	0.640531	1.08979	1.08979	2.28429	1.20935	0.470597	1
cg06954481	GBX2	0.129374	0.143335	0.628463	-1.59118	0.156573	1.56448	1.56448	0.942026	1.02171	1.02171	0.459671	0.800641	-1.249	0.821006	0.935261	-1.06922	0.21004	0.676963	-1.47719	0.0170024	2.36207	2.36207	0.302658	0.729532	-1.37074	0.404715	0.777403	-1.28633	2.28425	3.15568	1.228	1
cg17880014	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.129377	0.988979	0.985668	-1.01454	0.0159303	21.8729	21.8729	0.40699	2.42686	2.42686	0.175879	4.50082	4.50082	0.366549	0.37924	-2.63685	0.0921989	6.94007	6.94007	0.438412	0.437749	-2.28441	0.0779485	7.747	7.747	0.347712	2.74718	2.74718	2.28423	39.5225	15.3799	1
cg26122012	RHPN1;C8orf51	0.129377	0.0968032	1.71745	1.71745	0.0216451	2.26632	2.26632	0.132671	1.61833	1.61833	0.125586	0.611505	-1.63531	0.651568	0.87382	-1.1444	0.226029	1.45819	1.45819	0.639648	1.15017	1.15017	0.495142	0.814224	-1.22816	0.530917	1.20723	1.20723	2.28423	3.18481	1.23934	1
cg27579501	AXL;AXL	0.129381	0.52558	0.684052	-1.46188	0.829049	1.13616	1.13616	0.804665	0.863913	-1.15752	0.31556	0.541936	-1.84524	0.578469	0.717961	-1.39283	0.672085	0.777754	-1.28575	0.0237703	0.203303	-4.91876	0.00876465	0.13933	-7.1772	0.11597	0.364738	-2.7417	2.28419	12.6076	4.90621	1
cg10120829	ACOT2	0.129384	0.416158	0.445497	-2.24468	0.151344	4.46317	4.46317	0.467188	0.486841	-2.05406	0.664882	1.52813	1.52813	0.639437	0.63186	-1.58263	0.987294	1.01561	1.01561	0.711179	0.696379	-1.436	0.742423	1.37833	1.37833	0.00494977	37.3692	37.3692	2.28417	34.2455	13.3267	1
cg03671266	LMF1	0.129385	0.169306	1.62645	1.62645	0.117507	0.568504	-1.759	0.165942	0.612152	-1.63358	0.626579	1.17689	1.17689	0.0849153	0.531065	-1.88301	0.771161	1.10173	1.10173	0.168442	0.614149	-1.62827	0.921689	0.967864	-1.0332	0.0277236	0.42131	-2.37355	2.28416	3.99197	1.55349	1
cg05313009	KREMEN1;KREMEN1	0.129387	0.98707	0.998022	-1.00198	0.07346	0.783649	-1.27608	0.100167	0.80249	-1.24612	0.778851	1.03499	1.03499	0.017606	1.42304	1.42304	0.249008	1.15857	1.15857	0.618427	0.940505	-1.06326	0.86453	1.02108	1.02108	0.972193	0.995751	-1.00427	2.28415	0.539809	0.21007	1
cg09818171	FERMT1;FERMT1	0.129388	0.697068	0.595048	-1.68054	0.0201308	41.2574	41.2574	0.928946	1.12564	1.12564	0.519553	0.420485	-2.37821	0.461166	0.369525	-2.70618	0.417815	0.333308	-3.00023	0.778423	0.687754	-1.45401	0.988516	1.01928	1.01928	0.0190476	43.2179	43.2179	2.28414	63.7006	24.7896	1
cg02965870	NEDD4;NEDD4	0.12939	0.205783	3.2642	3.2642	0.0690716	0.162037	-6.17144	0.56522	1.66848	1.66848	0.208402	3.23933	3.23933	?	?	?	0.0577542	0.1462	-6.83997	0.116183	0.218635	-4.57383	0.4373	0.49725	-2.01106	0.745844	1.33115	1.33115	2.4316	25.8961	9.31859	1
cg19216894	NEURL4;NEURL4	0.129392	0.116369	0.706877	-1.41467	0.251555	1.27575	1.27575	0.132982	1.39035	1.39035	0.0861904	0.680155	-1.47025	0.191924	0.755149	-1.32424	0.151788	0.731844	-1.36641	0.0891192	0.683061	-1.464	0.204575	0.761729	-1.3128	0.86176	0.965185	-1.03607	2.2841	1.49526	0.581899	1
cg10352237	LOC400931	0.129392	0.873954	1.06378	1.06378	0.0177648	3.07274	3.07274	0.0637997	2.25122	2.25122	0.45501	1.34495	1.34495	0.309561	0.663961	-1.50611	0.486151	1.31732	1.31732	0.927199	1.03623	1.03623	0.032689	2.64677	2.64677	0.38823	1.41115	1.41115	2.2841	5.4868	2.13526	1
cg01888561	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.129393	0.623841	1.07196	1.07196	0.083746	0.76409	-1.30875	0.364693	0.87726	-1.13991	0.367522	1.13899	1.13899	0.82953	1.03078	1.03078	0.990656	0.998355	-1.00165	0.0186501	0.669714	-1.49317	0.152995	1.24006	1.24006	0.267314	1.17641	1.17641	2.28409	0.715021	0.278261	1
cg13125224	LY86;LOC285780	0.1294	0.231482	0.577521	-1.73154	0.133812	0.492957	-2.02857	0.0386379	0.350723	-2.85125	0.0774183	0.42371	-2.3601	0.233623	0.579113	-1.72678	0.116069	0.473728	-2.11092	0.0962932	0.449849	-2.22297	0.0192393	0.289735	-3.45143	0.107995	0.464335	-2.15362	2.28404	6.92217	2.69393	1
cg24936500	EFHD1;EFHD1	0.129402	0.233371	2.26711	2.26711	0.226995	2.29535	2.29535	0.842446	0.877775	-1.13924	0.505079	1.55744	1.55744	0.799064	1.18187	1.18187	0.96645	1.02794	1.02794	0.0388753	4.78996	4.78996	0.0183046	6.52574	6.52574	0.0293132	5.37488	5.37488	2.28402	15.5229	6.04115	1
cg24390909	RAB37;RAB37;RAB37;RAB37	0.129404	0.0552171	0.528822	-1.891	0.774713	0.919322	-1.08776	0.921069	0.971365	-1.02948	0.0275437	0.46582	-2.14675	0.0429842	0.505256	-1.97919	0.252089	0.704191	-1.42007	0.0465446	0.512628	-1.95073	0.245491	0.70042	-1.42772	0.11128	0.601398	-1.66279	2.28401	3.10828	1.20968	1
cg25423135	FASN	0.129407	0.0734943	0.556062	-1.79836	0.360018	0.75823	-1.31886	0.0329951	0.48031	-2.08199	0.441045	0.79369	-1.25994	0.602586	0.856845	-1.16707	0.435893	0.791534	-1.26337	0.00837861	0.371347	-2.6929	0.799767	1.07762	1.07762	0.427886	0.788161	-1.26878	2.28398	3.12883	1.21769	1
cg04198912	MFSD4	0.12941	0.0325827	0.100313	-9.96877	0.846638	1.19484	1.19484	0.223668	0.308732	-3.23905	0.26453	0.343322	-2.91272	0.0184156	0.0721601	-13.8581	0.0705171	0.155955	-6.41212	0.122459	0.214657	-4.65859	0.272728	0.350131	-2.85607	0.121985	0.214168	-4.66922	2.28396	30.571	11.8979	1
cg01352882	STUB1;STUB1	0.129418	?	?	?	0.0238537	0.055143	-18.1347	0.178152	0.21489	-4.65354	0.937939	0.919717	-1.08729	?	?	?	?	?	?	0.160184	5.01593	5.01593	0.423947	2.40527	2.40527	0.889366	0.861066	-1.16135	2.36299	28.8177	16.2606	1
cg25588740	ZMAT3;ZMAT3	0.129419	0.174935	0.399509	-2.50308	0.0360629	0.212138	-4.71391	0.0669009	0.270817	-3.69252	0.998664	0.998936	-1.00107	0.0593753	0.258329	-3.87104	0.232675	0.451166	-2.21648	0.282653	0.491656	-2.03394	0.154594	2.63524	2.63524	0.37641	0.56143	-1.78117	2.28389	14.6294	5.69378	1
cg20822990	ATP13A2;ATP13A2;ATP13A2	0.12942	0.236212	0.758332	-1.31868	0.823949	0.951553	-1.05091	0.220054	1.33295	1.33295	0.0492878	1.64893	1.64893	0.0873172	0.656577	-1.52305	0.560931	1.14001	1.14001	0.991176	0.997538	-1.00247	0.454679	1.18498	1.18498	0.0429781	1.68049	1.68049	2.28388	1.79676	0.699302	1
cg14652646	LDB2;LDB2	0.129423	0.116085	0.761294	-1.31355	0.0263282	0.656581	-1.52304	0.240331	0.821748	-1.21692	0.779073	0.956082	-1.04594	0.779155	0.956098	-1.04592	0.590268	0.916853	-1.09069	0.0561004	1.41272	1.41272	0.549772	1.10147	1.10147	0.336415	1.1715	1.1715	2.28386	0.922469	0.35903	1
cg08415973	TDRG1	0.129427	0.486149	0.74931	-1.33456	0.0488728	2.50254	2.50254	0.827864	0.915018	-1.09287	0.160603	0.54267	-1.84274	0.0245013	0.335278	-2.9826	0.177762	1.79334	1.79334	0.751784	0.878615	-1.13815	0.573522	0.792983	-1.26106	0.568664	0.790601	-1.26486	2.28382	6.01617	2.34156	1
cg23192346	C6orf123	0.129429	0.456378	1.39999	1.39999	0.0706961	2.44942	2.44942	0.64016	0.811528	-1.23224	0.893114	0.942114	-1.06144	0.983712	0.990986	-1.0091	0.202462	1.81643	1.81643	0.0198147	3.48279	3.48279	0.0234402	3.32297	3.32297	0.955921	1.02482	1.02482	2.2838	7.11629	2.76976	1
cg10851350	BAT2	0.12943	0.290291	1.93537	1.93537	0.0585293	3.61773	3.61773	0.0196695	5.44858	5.44858	0.782423	1.18123	1.18123	0.107826	0.347951	-2.87397	0.842048	0.886886	-1.12754	0.849398	1.12117	1.12117	0.162356	2.45337	2.45337	0.341821	1.80268	1.80268	2.2838	13.0926	5.09582	1
cg11857452	HIVEP3;HIVEP3	0.129438	0.47744	0.851721	-1.17409	0.298795	0.787189	-1.27034	0.161963	0.717633	-1.39347	0.182286	0.730134	-1.36961	0.262205	1.29662	1.29662	0.457288	1.18317	1.18317	0.0137256	1.96806	1.96806	0.975039	1.00698	1.00698	0.627709	0.897104	-1.1147	2.28374	1.78567	0.69503	1
cg01247891	SLC44A2	0.129441	0.0363212	0.756616	-1.32167	0.611439	1.06047	1.06047	0.0587397	1.27721	1.27721	0.645774	0.948342	-1.05447	0.201	0.856612	-1.16739	0.958714	0.994085	-1.00595	0.101579	1.22804	1.22804	0.709689	1.04379	1.04379	0.256781	1.14528	1.14528	2.28371	0.475027	0.184895	1
cg00393417	C16orf68;C16orf68	0.129444	0.55655	1.15962	1.15962	0.270594	0.751518	-1.33064	0.918501	1.02582	1.02582	0.809599	1.06196	1.06196	0.00729631	0.422466	-2.36705	0.521146	0.850483	-1.1758	0.054131	0.580228	-1.72346	0.615373	1.13446	1.13446	0.813974	1.06046	1.06046	2.28368	2.24312	0.873098	1
cg09501049	GRTP1	0.129447	0.449423	1.22168	1.22168	0.0941357	0.619969	-1.61298	0.0610196	0.57784	-1.73058	0.781115	0.930197	-1.07504	0.775391	1.07714	1.07714	0.263175	1.35394	1.35394	0.0369831	1.87623	1.87623	0.397785	1.25221	1.25221	0.310297	1.31353	1.31353	2.28366	2.44062	0.949984	1
cg24622439	ERBB4;ERBB4	0.129447	0.857361	0.946082	-1.05699	0.351691	1.34349	1.34349	0.358496	0.7476	-1.33761	0.200193	0.659098	-1.51722	0.779635	0.917216	-1.09026	0.602045	1.17596	1.17596	0.00749622	2.88745	2.88745	0.922656	0.970526	-1.03037	0.165114	1.578	1.578	2.28366	3.43266	1.33612	1
cg05040891	NDE1;NDE1	0.129448	0.154711	0.491008	-2.03663	0.0726343	2.54798	2.54798	0.531483	1.34447	1.34447	0.401735	0.669795	-1.49299	0.887319	0.935934	-1.06845	0.112031	0.445706	-2.24363	0.0285692	0.299278	-3.34138	0.782904	1.13767	1.13767	0.221637	0.548862	-1.82195	2.28365	7.88749	3.07013	1
cg06343942	ZNF638;ZNF638	0.129449	0.204556	0.680769	-1.46893	0.810978	0.933495	-1.07124	0.431324	1.25948	1.25948	0.107437	0.603709	-1.65643	0.569358	0.847743	-1.1796	0.502986	1.21561	1.21561	0.014521	0.421114	-2.37465	0.0571738	0.538987	-1.85533	0.215268	0.687525	-1.45449	2.28364	2.98392	1.16147	1
cg10347828	RASIP1	0.129457	0.463282	1.33406	1.33406	0.0678722	2.2024	2.2024	0.0156272	3.1403	3.1403	0.433147	1.36179	1.36179	0.567255	1.25013	1.25013	0.213156	1.65889	1.65889	0.0166954	3.08962	3.08962	0.19377	1.70035	1.70035	0.837915	1.08229	1.08229	2.28357	5.39058	2.0983	1
cg23040064	JPH3	0.129458	0.461683	1.10835	1.10835	0.625999	0.934793	-1.06976	0.0553919	1.34732	1.34732	0.59667	1.07608	1.07608	0.0234597	1.45007	1.45007	0.158751	1.22974	1.22974	0.157989	0.812829	-1.23027	0.95949	0.993051	-1.007	0.134811	1.24774	1.24774	2.28357	0.681661	0.265339	1
cg02371192	B3GNT4	0.129458	0.342846	0.858646	-1.16462	0.982908	0.996665	-1.00335	0.189235	0.805026	-1.2422	0.952291	1.00937	1.00937	0.025941	0.662142	-1.51025	0.0251389	1.5149	1.5149	0.818669	1.03646	1.03646	0.502902	1.11185	1.11185	0.914523	0.983396	-1.01688	2.28357	0.879539	0.342364	1
cg16794665	C9orf5	0.129461	0.0101178	0.433509	-2.30676	0.351407	0.78109	-1.28026	0.162776	1.46792	1.46792	0.4143	0.806555	-1.23984	0.48806	1.19899	1.19899	0.909247	1.02981	1.02981	0.376673	1.26327	1.26327	0.695088	1.10681	1.10681	0.238023	1.37493	1.37493	2.28354	2.40022	0.934304	1
cg00300216	CMPK2	0.129463	0.474871	0.838146	-1.19311	0.427031	1.2178	1.2178	0.572128	0.870489	-1.14878	0.370082	0.799601	-1.25062	0.00330507	0.378232	-2.64388	0.849517	0.954898	-1.04723	0.789712	1.0671	1.0671	0.811333	1.05982	1.05982	0.369553	0.799393	-1.25095	2.28353	2.13501	0.831075	1
cg24781804	SLC4A4;SLC4A4	0.129464	0.254413	1.52285	1.52285	0.0176925	0.360734	-2.77212	0.0722685	0.492161	-2.03185	0.164846	1.68822	1.68822	0.612724	0.834936	-1.1977	0.708538	1.14192	1.14192	0.457258	1.30675	1.30675	0.395838	0.735421	-1.35977	0.719039	0.880141	-1.13618	2.28352	4.51726	1.7584	1
cg08624063	PLDN	0.129466	0.800806	1.25568	1.25568	0.813685	0.808473	-1.2369	0.77175	1.2995	1.2995	?	?	?	0.0773246	6.03446	6.03446	?	?	?	0.87757	1.1489	1.1489	0.0144511	0.0604412	-16.545	0.590083	1.63288	1.63288	2.4552	23.9977	9.77422	1
cg12766407	TEX9	0.129468	0.627026	0.703367	-1.42173	?	?	?	0.582312	1.49105	1.49105	?	?	?	?	?	?	?	?	?	0.0681611	4.60137	4.60137	0.752228	1.25511	1.25511	0.025309	7.64638	7.64638	2.69757	11.6078	5.16368	1
cg21593903	VENTXP1	0.129469	0.623301	1.19082	1.19082	0.303196	1.45675	1.45675	0.0633668	0.478779	-2.08864	0.197137	0.618174	-1.61767	0.0278247	0.399669	-2.50207	0.144554	1.73819	1.73819	0.415782	1.34099	1.34099	0.805909	1.09072	1.09072	0.84322	0.932532	-1.07235	2.28348	4.50043	1.75188	1
cg04746199	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	0.12947	0.0548819	7.12987	7.12987	0.408354	2.14463	2.14463	0.173081	3.69866	3.69866	0.154819	3.95027	3.95027	0.353514	2.36613	2.36613	0.936492	1.07454	1.07454	0.0163508	14.1276	14.1276	0.0318605	9.67234	9.67234	0.125941	4.45449	4.45449	2.28347	29.4375	11.4592	1
cg26750747	FOLR1;FOLR1;FOLR1	0.129473	0.0356673	0.221327	-4.51821	0.0915016	0.317828	-3.14635	0.187922	0.422863	-2.36483	0.910788	0.9332	-1.07158	0.0510953	0.254016	-3.93676	0.0721913	0.290033	-3.44789	0.655774	0.758251	-1.31883	0.0478329	0.247678	-4.03751	0.0846274	0.308363	-3.24293	2.28345	13.76	5.35641	1
cg09320210	NHEJ1	0.129479	0.0962754	0.430693	-2.32184	0.053108	0.362895	-2.75561	0.7639	1.14906	1.14906	0.649392	0.809691	-1.23504	0.313757	1.61696	1.61696	0.459705	1.41511	1.41511	0.173959	1.94868	1.94868	0.0848099	2.40875	2.40875	0.236658	0.564451	-1.77163	2.2834	7.69378	2.99505	1
cg02922577	ZNF644;ZNF644	0.12948	0.215387	0.74262	-1.34658	0.00675684	0.448769	-2.22832	0.749119	0.929398	-1.07597	0.0411734	0.58417	-1.71183	0.882227	0.966737	-1.03441	0.520936	0.862019	-1.16007	0.556096	1.14553	1.14553	0.22545	0.747885	-1.3371	0.650383	0.901116	-1.10974	2.28339	1.88322	0.733107	1
cg14172126	FAM69B	0.129481	0.253703	0.544695	-1.83589	0.718835	0.831717	-1.20233	0.202063	1.9868	1.9868	0.319485	0.591944	-1.68935	0.0378973	0.293199	-3.41066	0.629509	0.780553	-1.28114	0.0230878	0.250394	-3.99371	0.0837995	0.3771	-2.65181	0.266449	0.554249	-1.80424	2.28339	9.39431	3.65707	1
cg09122683	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.129482	0.118896	0.454842	-2.19857	0.240474	1.7718	1.7718	0.743486	1.16514	1.16514	0.189453	0.523639	-1.90971	0.1671	0.503827	-1.98481	0.610219	0.787188	-1.27034	0.095456	0.426335	-2.34557	0.0276953	0.297773	-3.35826	0.0774522	0.401103	-2.49312	2.28337	7.8343	3.0498	1
cg18648055	BICD1;BICD1	0.129484	0.599415	0.70378	-1.4209	0.0929703	3.4043	3.4043	0.49521	1.58254	1.58254	0.0577728	4.14511	4.14511	0.246602	2.23237	2.23237	0.192906	2.49258	2.49258	0.0552982	4.22051	4.22051	0.0238048	5.9775	5.9775	0.101045	3.28791	3.28791	2.28336	15.8869	6.18461	1
cg00116686	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.129488	0.850483	0.96311	-1.0383	0.302086	0.808196	-1.23732	0.360391	0.8292	-1.20598	0.108824	0.705852	-1.41673	0.484479	0.868044	-1.15201	0.229337	0.777826	-1.28564	0.0197119	1.75245	1.75245	0.175237	1.33262	1.33262	0.63795	1.09901	1.09901	2.28333	1.43477	0.558551	1
cg24005685	PITX2;PITX2	0.12949	0.715349	0.810204	-1.23426	0.496092	1.48757	1.48757	0.265764	1.94722	1.94722	0.945154	0.961236	-1.04033	0.424913	0.626088	-1.59722	0.415417	1.61342	1.61342	0.898908	0.929566	-1.07577	0.00352215	9.71646	9.71646	0.846236	1.11803	1.11803	2.28331	11.9418	4.64891	1
cg17168328	TCF12;TCF12;LOC145783;TCF12;TCF12;TCF12;TCF12;TCF12;TCF12	0.129497	0.863461	0.975111	-1.02552	0.446038	1.12046	1.12046	0.967327	1.00602	1.00602	0.28827	0.850928	-1.17519	0.092977	0.7629	-1.31079	0.00589329	0.59003	-1.69483	0.408596	0.883591	-1.13175	0.600298	0.925505	-1.08049	0.14184	0.793524	-1.2602	2.28325	0.775329	0.301842	1
cg07630229	ZCCHC14	0.1295	0.371536	1.66798	1.66798	0.290881	0.542715	-1.84259	0.216685	0.484393	-2.06444	0.903328	1.0701	1.0701	0.414394	1.59238	1.59238	0.173379	0.445854	-2.24289	0.0227653	0.218739	-4.57167	0.20526	2.10689	2.10689	0.108374	0.376571	-2.65554	2.28323	11.2436	4.37726	1
cg22203323	CACNA1F	0.1295	0.0807052	3.93676	3.93676	0.386196	0.53342	-1.8747	0.751173	0.79847	-1.2524	0.57176	0.667473	-1.49819	0.101589	0.281381	-3.5539	0.0841591	0.258775	-3.86436	0.793661	0.830733	-1.20376	0.920347	0.931684	-1.07333	0.0194554	0.135546	-7.37759	2.28323	18.0988	7.04607	1
cg18697163	SS18L1	0.129503	0.10692	0.432568	-2.31178	0.826837	1.10995	1.10995	0.158705	0.488059	-2.04893	0.0581633	0.360787	-2.77172	0.755174	0.861625	-1.1606	0.0085429	0.20237	-4.94144	0.323819	0.615586	-1.62447	0.867926	0.923815	-1.08247	0.146717	0.476343	-2.09933	2.28321	8.1978	3.19154	1
cg11349991	TMEM180	0.129504	0.00706215	1.59035	1.59035	0.829716	1.02912	1.02912	0.986754	0.99779	-1.00221	0.120975	1.25117	1.25117	0.265591	0.856764	-1.16718	0.48458	1.09927	1.09927	0.289759	1.15768	1.15768	0.566522	0.925699	-1.08027	0.58386	0.928939	-1.0765	2.2832	0.64211	0.249985	1
cg24796644	MDGA1	0.129507	0.202919	2.05853	2.05853	0.803095	0.874418	-1.14362	0.478393	0.679007	-1.47274	0.575297	1.35534	1.35534	0.335189	1.70544	1.70544	0.172931	2.17934	2.17934	0.0072382	6.43226	6.43226	0.12689	2.42744	2.42744	0.570057	0.73468	-1.36114	2.28317	10.4329	4.06177	1
cg00597555	KIF7	0.129508	0.0524083	1.32447	1.32447	0.353161	1.12942	1.12942	0.727359	1.0456	1.0456	0.750531	1.04147	1.04147	0.888695	0.982318	-1.018	0.352299	0.885203	-1.12968	0.0161162	1.45514	1.45514	0.318222	0.876844	-1.14045	0.261395	0.861389	-1.16092	2.28317	0.586862	0.228479	1
cg09185948	SEMA6C	0.129511	0.0175383	0.512104	-1.95273	0.231658	1.33703	1.33703	0.100809	1.51604	1.51604	0.801454	1.06007	1.06007	0.38049	0.811986	-1.23155	0.276983	1.29923	1.29923	0.852869	0.957928	-1.04392	0.526681	1.16011	1.16011	0.18618	1.38332	1.38332	2.28314	1.93824	0.754609	1
cg07251857	ALPK3	0.129511	0.0889635	2.30437	2.30437	0.0798126	2.37518	2.37518	0.881724	1.0685	1.0685	0.142272	2.01775	2.01775	0.0778371	2.3918	2.3918	0.0682787	2.48041	2.48041	0.0246743	3.28851	3.28851	0.0673195	2.49016	2.49016	0.224359	1.76469	1.76469	2.28314	7.16069	2.78786	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02072446	HDAC4	0.129512	0.711057	1.16935	1.16935	0.0800626	0.441958	-2.26266	0.0780338	0.438986	-2.27798	0.876091	0.936497	-1.06781	0.793514	1.11661	1.11661	0.67305	1.19536	1.19536	0.0135476	3.61367	3.61367	0.986311	1.00724	1.00724	0.881219	1.06489	1.06489	2.28314	6.39262	2.48883	1
cg18967180	DENND2A	0.129512	0.0647219	0.358069	-2.79276	0.0632511	0.355542	-2.8126	0.759668	0.85908	-1.16404	0.178496	0.492819	-2.02914	0.0421723	0.313876	-3.18597	0.294308	0.58365	-1.71335	0.0264932	0.271938	-3.6773	0.210034	0.520002	-1.92307	0.0632962	0.35562	-2.81199	2.28313	8.86103	3.44986	1
cg19249811	SVIL;SVIL	0.129513	0.754374	0.884653	-1.13039	0.103018	0.498345	-2.00664	0.103069	0.498406	-2.00639	0.652986	0.838005	-1.19331	0.380533	0.703813	-1.42083	0.743997	1.13651	1.13651	0.0142925	3.25348	3.25348	0.609793	1.22262	1.22262	0.424605	0.7273	-1.37495	2.28312	5.51367	2.14664	1
cg02012771	NEIL1;MIR631	0.129514	0.135475	0.435786	-2.2947	0.678763	1.23984	1.23984	0.125752	0.425171	-2.352	0.123733	0.422906	-2.36459	0.0225444	0.244092	-4.09682	0.284619	1.77493	1.77493	0.662397	0.797092	-1.25456	0.0881983	0.378632	-2.64108	0.172131	0.472249	-2.11753	2.28312	9.63565	3.75146	1
cg02510388	ATP11B;ATP11B	0.129515	0.0423652	0.665177	-1.50336	0.0907477	1.38398	1.38398	0.675543	1.07617	1.07617	0.408978	1.15866	1.15866	0.741152	1.05951	1.05951	0.783771	0.953165	-1.04914	0.485344	0.883699	-1.13161	0.0256357	0.629823	-1.58775	0.756727	1.05568	1.05568	2.28311	1.0996	0.428112	1
cg10089014	C14orf149;JKAMP;JKAMP	0.129519	0.392688	0.893522	-1.11917	0.735074	0.957271	-1.04464	0.396464	1.11812	1.11812	0.929177	0.988635	-1.0115	0.811806	0.969798	-1.03114	0.434638	1.10793	1.10793	0.00531411	0.623586	-1.60363	0.200522	1.18987	1.18987	0.878287	0.980489	-1.0199	2.28308	0.597755	0.232729	1
cg21542666	OR11L1	0.129522	0.633292	0.819481	-1.22029	0.267424	0.619697	-1.61369	0.331534	0.660367	-1.51431	0.376343	0.686585	-1.45648	0.0111596	0.26782	-3.73385	0.291984	0.635804	-1.57281	0.598066	1.24651	1.24651	0.474404	0.739841	-1.35164	0.0169117	0.299142	-3.34289	2.28305	6.20321	2.41518	1
cg20689294	PTPRE;PTPRE	0.129527	0.120418	0.649546	-1.53954	0.0217368	0.49379	-2.02515	0.101334	0.631582	-1.58333	0.628575	0.882621	-1.13299	0.0979803	0.628155	-1.59196	0.703615	1.10286	1.10286	0.54245	0.853905	-1.17109	0.161247	1.46704	1.46704	0.256006	0.738066	-1.35489	2.28301	2.37242	0.923702	1
cg16717690	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.129533	0.369176	0.756481	-1.32191	0.265518	0.703913	-1.42063	0.949898	0.981165	-1.0192	0.298083	0.721528	-1.38595	0.0359554	0.477925	-2.09238	0.914093	0.967875	-1.03319	0.0226756	0.438006	-2.28307	0.342868	1.34406	1.34406	0.206655	1.49633	1.49633	2.28296	3.31058	1.289	1
cg00805381	C6orf62	0.129535	0.258321	0.817475	-1.22328	0.882793	0.975108	-1.02553	?	?	?	0.607	0.915164	-1.0927	0.373346	1.169	1.169	0.440183	1.14397	1.14397	0.0879606	0.724873	-1.37955	0.0190908	0.615869	-1.62372	0.226486	1.24233	1.24233	2.30384	0.946946	0.41103	1
cg26527435	TAF4B	0.129536	0.288009	0.758187	-1.31894	0.0421682	0.555747	-1.79938	0.671358	0.898435	-1.11305	0.0454882	0.56235	-1.77825	0.113078	0.648707	-1.54153	0.0464489	0.564185	-1.77247	0.0753975	0.608495	-1.6434	0.0422819	0.555981	-1.79862	0.345592	0.78367	-1.27605	2.28294	2.27705	0.886593	1
cg14461434	CLDN18;CLDN18	0.129538	0.577355	0.908167	-1.10112	0.60629	1.09303	1.09303	0.470335	0.881907	-1.13391	0.0236115	1.58799	1.58799	0.766235	1.05234	1.05234	0.89949	1.02186	1.02186	0.0225676	1.59574	1.59574	0.836085	1.03609	1.03609	0.169213	0.778327	-1.28481	2.28293	1.05862	0.412188	1
cg07980027	COL4A2	0.129541	0.826357	0.945273	-1.0579	0.890108	0.965206	-1.03605	0.922729	0.975453	-1.02516	0.0714298	0.597066	-1.67486	0.499515	0.838962	-1.19195	0.363276	1.27042	1.27042	0.0285198	1.93873	1.93873	0.108927	0.639005	-1.56493	0.1304	0.658059	-1.51962	2.2829	2.37259	0.923811	1
cg03109443	PFDN6;WDR46;WDR46	0.129541	0.156782	0.808698	-1.23655	0.857554	1.02551	1.02551	0.39535	1.1298	1.1298	0.145194	1.24523	1.24523	0.396596	1.12942	1.12942	0.383782	0.882315	-1.13338	0.0439054	0.722767	-1.38357	0.982994	1.00299	1.00299	0.0502261	1.36747	1.36747	2.2829	0.710667	0.276712	1
cg19857114	TBL1XR1	0.129543	0.612198	1.10043	1.10043	0.720851	1.06947	1.06947	0.0884119	1.42178	1.42178	0.945631	0.987314	-1.01285	0.0873149	0.702315	-1.42386	0.136304	1.3505	1.3505	0.0254485	1.64403	1.64403	0.37942	1.18388	1.18388	0.133047	1.35444	1.35444	2.28288	1.26702	0.493342	1
cg06437740	SUCLA2	0.129544	0.610559	0.802483	-1.24613	0.0457117	0.374782	-2.66822	0.154998	0.520981	-1.91945	0.877956	0.936285	-1.06805	0.0391203	0.359567	-2.78112	0.0503943	0.384631	-2.59989	0.0456054	0.374549	-2.66987	0.0669843	0.414912	-2.41015	0.485731	0.738247	-1.35456	2.28288	6.63634	2.584	1
cg07516976	HAGHL;HAGHL;HAGHL;CCDC78	0.129544	0.431682	1.17729	1.17729	0.0824369	1.47881	1.47881	0.343859	0.820117	-1.21934	0.111044	1.42343	1.42343	0.171066	0.743481	-1.34502	0.130002	1.39463	1.39463	0.042374	1.60875	1.60875	0.787272	1.05655	1.05655	0.502877	0.870853	-1.1483	2.28287	1.49547	0.582298	1
cg19830260	TRIM2;TRIM2	0.129545	0.399531	0.828592	-1.20687	0.34707	1.23502	1.23502	0.277737	0.781853	-1.27901	0.111225	1.45975	1.45975	0.799526	0.94603	-1.05705	0.0628048	1.57838	1.57838	0.0353358	1.70626	1.70626	0.34785	0.809994	-1.23458	0.444759	0.843797	-1.18512	2.28287	1.71853	0.669149	1
cg25398580	TMTC3;TMTC3;CEP290	0.129545	0.633974	0.942102	-1.06146	0.12521	1.22918	1.22918	0.571377	1.07371	1.07371	0.311871	0.878023	-1.13892	0.290682	1.14607	1.14607	0.26165	1.15667	1.15667	0.0144434	0.687423	-1.45471	0.262663	1.15628	1.15628	0.843068	1.02495	1.02495	2.28287	0.558956	0.217643	1
cg12016209	C19orf47;PLD3;PLD3;PLD3;PLD3	0.129546	0.865507	0.931102	-1.074	0.412087	0.702454	-1.42358	0.892479	1.05861	1.05861	0.117339	0.48854	-2.04692	0.85283	0.924775	-1.08134	0.0606517	0.41036	-2.43688	0.0253657	3.06257	3.06257	0.546256	1.29324	1.29324	0.205207	1.75573	1.75573	2.28286	6.41204	2.49669	1
cg00149061	UGT2A3;UGT2A3	0.129547	0.394321	0.766585	-1.30449	0.441063	1.27042	1.27042	0.17494	0.644332	-1.55199	0.657418	0.87286	-1.14566	0.0694784	0.538684	-1.85637	0.0127483	0.389527	-2.56722	0.802241	0.926396	-1.07945	0.841994	1.06269	1.06269	0.0547597	0.514924	-1.94204	2.28285	3.3559	1.30671	1
cg14875498	TMED8	0.129548	0.0269915	0.120146	-8.32324	0.0694338	0.193335	-5.17237	0.387833	0.488614	-2.0466	0.445222	0.532755	-1.87704	0.055642	0.172944	-5.7822	0.0803359	0.208116	-4.805	0.060024	0.179664	-5.56595	0.322079	0.437057	-2.28803	0.0543935	0.170983	-5.84854	2.28285	23.6718	9.21729	1
cg07780485	C19orf29;C19orf29	0.12955	0.457053	1.1258	1.1258	0.00529134	1.77736	1.77736	0.629784	1.07895	1.07895	0.280521	1.19184	1.19184	0.0475774	1.42548	1.42548	0.803792	0.961803	-1.03971	0.862647	0.973272	-1.02746	0.261423	1.20109	1.20109	0.688286	1.06513	1.06513	2.28283	0.884997	0.344601	1
cg02646394	FLJ40330	0.129554	0.0448453	0.583779	-1.71298	0.365721	1.24263	1.24263	0.760766	0.931106	-1.07399	0.311436	1.27734	1.27734	0.0356074	0.564539	-1.77136	0.154243	0.700126	-1.42831	0.394594	1.22607	1.22607	0.276286	1.30305	1.30305	0.686586	0.90954	-1.09946	2.28279	1.97541	0.769198	1
cg12075964	ZNF536	0.129554	0.818382	0.862085	-1.15998	0.0672515	3.75538	3.75538	0.0565019	4.02722	4.02722	0.328395	1.91721	1.91721	0.0350449	0.205041	-4.87706	0.383709	1.77944	1.77944	0.256963	2.14546	2.14546	0.662899	0.753522	-1.3271	0.66568	1.32377	1.32377	2.28279	15.0504	5.86043	1
cg13814693	CSDA;CSDA	0.129557	0.472767	1.18494	1.18494	0.0368823	1.75645	1.75645	0.077822	1.5768	1.5768	0.418774	1.21165	1.21165	0.329513	1.26344	1.26344	0.823555	1.05326	1.05326	0.033253	0.560862	-1.78297	0.805025	0.944149	-1.05916	0.779273	0.936796	-1.06747	2.28277	1.95221	0.760174	1
cg08840441	GMIP	0.129561	0.225378	2.06922	2.06922	0.053164	3.50684	3.50684	0.602338	1.35017	1.35017	0.435411	1.57535	1.57535	0.838971	0.890293	-1.12323	0.833743	0.886882	-1.12755	0.0165086	5.32719	5.32719	0.037392	3.97316	3.97316	0.129509	2.54838	2.54838	2.28274	11.7922	4.59184	1
cg16301617	TMC8;TMC6	0.129565	0.247603	0.751163	-1.33127	0.922061	0.977102	-1.02343	0.151678	0.695182	-1.43847	0.14663	0.691579	-1.44597	0.133953	0.682097	-1.46607	0.257118	1.32307	1.32307	0.195259	1.383	1.383	0.0247804	0.531223	-1.88245	0.368909	0.803772	-1.24413	2.28271	2.02562	0.788777	1
cg08725319	PTPRN2;PTPRN2;PTPRN2	0.129565	0.00892767	2.0298	2.0298	0.373718	0.823387	-1.2145	0.256095	1.28697	1.28697	0.866883	0.964927	-1.03635	0.18461	0.74121	-1.34915	0.673945	1.09424	1.09424	0.53202	1.14421	1.14421	0.365464	1.21883	1.21883	0.310807	0.799974	-1.25004	2.2827	1.63744	0.637622	1
cg26469366	LOC642846	0.129568	0.0643263	0.31428	-3.18188	0.201612	0.471927	-2.11897	0.0273234	0.233607	-4.2807	0.357616	0.590474	-1.69356	0.126885	0.398743	-2.50788	0.103503	0.370994	-2.69546	0.0183157	0.203038	-4.92518	0.481599	0.671439	-1.48934	0.160348	0.43378	-2.30532	2.28268	11.2113	4.36575	1
cg01515741	NAGLU	0.129571	0.193816	2.22041	2.22041	0.0306098	4.36613	4.36613	0.151853	2.43704	2.43704	0.536818	1.43746	1.43746	0.0647252	0.300068	-3.33258	0.266091	1.95885	1.95885	0.322635	1.80901	1.80901	0.292112	1.88552	1.88552	0.119283	2.66677	2.66677	2.28265	12.1705	4.73934	1
cg18029761	GPR123	0.129578	0.0249304	0.737445	-1.35603	0.195727	0.855424	-1.16901	0.961607	1.00551	1.00551	0.0303221	0.747828	-1.33721	0.201536	1.1664	1.1664	0.309864	0.886982	-1.12742	0.255073	0.873182	-1.14524	0.575743	1.06665	1.06665	0.645621	0.948527	-1.05427	2.2826	0.470872	0.183367	1
cg12449055	HDAC4	0.129586	0.0507639	0.342763	-2.91747	0.246223	0.558002	-1.79211	0.103518	0.424618	-2.35506	0.447141	1.45171	1.45171	0.0157457	0.24084	-4.15213	0.67283	1.2267	1.2267	0.223059	0.540144	-1.85136	0.935516	1.0397	1.0397	0.241321	0.554297	-1.80409	2.28254	8.36655	3.25819	1
cg09641578	BAHD1	0.129591	0.0889828	0.43827	-2.2817	0.117557	0.473538	-2.11176	0.62409	1.24261	1.24261	0.23047	0.575083	-1.73888	0.116898	0.472793	-2.11509	0.440242	0.707415	-1.4136	0.0102293	0.240824	-4.1524	0.156742	0.51371	-1.94662	0.146221	0.503617	-1.98563	2.2825	6.99116	2.72262	1
cg03228385	TBC1D28	0.129592	0.705315	0.80859	-1.23672	0.0844285	0.343879	-2.908	0.611732	0.751056	-1.33146	0.0594517	0.304282	-3.28643	0.0129364	0.178105	-5.61466	0.0511058	0.288705	-3.46374	0.852786	0.901328	-1.10947	0.115137	0.383654	-2.60652	0.595213	0.740906	-1.3497	2.28249	11.3059	4.40295	1
cg15712226	SNRPF	0.129593	0.0697419	4.40556	4.40556	0.177834	2.84884	2.84884	0.177062	2.85482	2.85482	0.111672	3.54902	3.54902	0.70969	1.31443	1.31443	0.141724	3.17457	3.17457	0.117949	3.45993	3.45993	0.0206715	7.66995	7.66995	0.0315315	6.32002	6.32002	2.28248	19.324	7.52555	1
cg00335712	ATOH1	0.129596	0.798465	0.848232	-1.17892	0.0954356	3.24923	3.24923	0.349061	0.537862	-1.85921	0.932895	0.947264	-1.05567	0.0231834	0.17445	-5.73231	0.414598	1.71	1.71	0.525956	0.661391	-1.51196	0.0900146	3.32703	3.32703	0.312786	1.95752	1.95752	2.28245	14.9603	5.82623	1
cg14163484	FER1L5;FER1L5	0.1296	0.611686	0.856417	-1.16766	0.670411	1.13838	1.13838	0.062914	0.530755	-1.88411	0.0514691	0.511081	-1.95664	0.0220975	0.435663	-2.29535	0.204354	0.666636	-1.50007	0.391917	1.30415	1.30415	0.976326	0.991056	-1.00902	0.171593	0.643628	-1.55369	2.28242	3.31334	1.29038	1
cg05044414	ABCC5;ABCC5	0.129601	0.866924	1.07044	1.07044	0.322182	0.660276	-1.51452	0.0615544	2.35083	2.35083	0.0442598	2.55468	2.55468	0.31702	0.657148	-1.52173	0.139307	0.524242	-1.90751	0.310879	0.653393	-1.53047	0.245011	0.610429	-1.63819	0.548668	1.27932	1.27932	2.28241	5.95536	2.31932	1
cg09371047	ZNF214;NLRP14	0.129603	0.474304	0.537803	-1.85942	0.236922	2.88963	2.88963	0.927541	1.08041	1.08041	0.0231473	0.0929938	-10.7534	?	?	?	0.433119	0.505497	-1.97825	?	?	?	?	?	?	0.189016	3.29917	3.29917	2.48457	18.5644	8.71721	1
cg01043383	USP29	0.129604	0.390657	0.81537	-1.22644	0.797018	1.06164	1.06164	0.28683	0.773636	-1.2926	0.700527	1.09382	1.09382	0.772208	1.06968	1.06968	0.252047	1.32004	1.32004	0.00655663	2.26928	2.26928	0.30853	0.783037	-1.27708	0.589018	0.881109	-1.13493	2.28239	1.94656	0.758097	1
cg04497889	TADA2B	0.129608	0.797654	0.903191	-1.10719	0.800221	1.10572	1.10572	0.0717439	2.21843	2.21843	0.0781354	2.17208	2.17208	0.996153	0.998091	-1.00191	0.728204	0.870869	-1.14828	0.0733336	0.453217	-2.20645	0.0863494	0.471949	-2.11887	0.21252	1.68267	1.68267	2.28235	5.67753	2.21118	1
cg07925064	LOC100130015;LOC100130015	0.129614	0.031212	1.866	1.866	0.623922	0.885207	-1.12968	0.156834	1.45302	1.45302	0.641205	1.12278	1.12278	0.0352866	0.546112	-1.83113	0.202169	0.71729	-1.39414	0.719944	1.0929	1.0929	0.992892	0.997804	-1.0022	0.609911	0.880763	-1.13538	2.28231	2.20077	0.857133	1
cg19424078	TALDO1	0.129614	0.184653	0.795744	-1.25669	0.170359	1.26758	1.26758	0.0697413	1.39006	1.39006	0.592656	0.916043	-1.09165	0.215102	0.809049	-1.23602	0.0391733	0.678715	-1.47337	0.265671	1.20726	1.20726	0.683287	0.93556	-1.06888	0.750558	0.949527	-1.05316	2.28231	0.953152	0.371224	1
cg13156643	SNORD115-10;SNORD115-12;SNORD115-9;SNORD115-5	0.129615	0.113306	0.623085	-1.60492	0.14045	0.647045	-1.54549	0.17301	0.671619	-1.48894	0.624282	0.873264	-1.14513	0.0145743	0.437822	-2.28403	0.529132	0.839433	-1.19128	0.133704	0.64144	-1.55899	0.599398	0.864585	-1.15662	0.0202984	0.463886	-2.1557	2.2823	2.72413	1.06097	1
cg17525357	MICALL2	0.129617	0.773873	0.933562	-1.07117	0.0224769	1.92013	1.92013	0.909051	0.973097	-1.02765	0.192915	0.71976	-1.38935	0.158391	0.697788	-1.4331	0.437553	0.827797	-1.20803	0.114497	1.50631	1.50631	0.483228	0.843624	-1.18536	0.216226	0.733031	-1.3642	2.28229	2.05861	0.801772	1
cg16048239	SCAMP4	0.129617	0.798654	1.19614	1.19614	0.0273736	6.22635	6.22635	0.0496625	4.80181	4.80181	0.765069	0.810598	-1.23366	0.0545356	0.216912	-4.61017	0.468025	0.596086	-1.67761	0.672864	1.34657	1.34657	0.550216	1.52735	1.52735	0.714727	1.29332	1.29332	2.28228	17.7457	6.91147	1
cg18982477	RELL1;RELL1	0.129619	0.176427	0.524338	-1.90717	0.599295	0.788062	-1.26894	0.409948	0.684848	-1.46018	0.669328	0.824483	-1.21288	0.0190895	0.279595	-3.5766	0.0250752	0.302033	-3.3109	0.146243	0.496253	-2.0151	0.425713	0.693911	-1.44111	0.0337422	0.328282	-3.04616	2.28227	7.29485	2.84117	1
cg00146249	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.12962	0.772294	0.777013	-1.28698	0.0481755	7.12449	7.12449	0.0926038	4.99928	4.99928	0.610229	1.56365	1.56365	0.0248141	0.0979774	-10.2064	0.799809	1.24727	1.24727	0.894486	0.891024	-1.1223	0.274553	0.372115	-2.68734	0.905926	1.10827	1.10827	2.28226	27.3297	10.6443	1
cg23949782	NRXN3	0.12962	0.83654	1.08059	1.08059	0.0242797	0.365183	-2.73835	0.0827619	0.486385	-2.05598	0.342409	0.692834	-1.44335	0.908739	1.04396	1.04396	0.684549	0.857934	-1.16559	0.275686	1.53022	1.53022	0.0821184	2.05976	2.05976	0.489861	1.30102	1.30102	2.28226	5.08702	1.98128	1
cg01485157	VASN;CORO7	0.129624	0.0595873	2.80755	2.80755	0.184173	1.98179	1.98179	0.332885	1.62417	1.62417	0.870977	1.08212	1.08212	0.0424452	0.321549	-3.10995	0.054857	2.87849	2.87849	0.645913	1.25185	1.25185	0.552262	1.33905	1.33905	0.214033	1.88743	1.88743	2.28223	8.52131	3.31891	1
cg26634911	NFXL1	0.129624	0.634918	0.927815	-1.0778	0.492212	1.11545	1.11545	0.504293	0.8993	-1.11198	0.768486	1.04732	1.04732	0.0840625	1.34906	1.34906	0.0319543	1.48244	1.48244	0.122763	0.769569	-1.29943	0.740641	0.9493	-1.05341	0.0657189	1.38193	1.38193	2.28223	0.886827	0.345404	1
cg12312107	SH3PXD2A	0.129625	0.268092	0.56224	-1.7786	0.0578353	2.91696	2.91696	0.356856	0.623113	-1.60484	0.0469921	3.11087	3.11087	0.283915	1.74315	1.74315	0.230563	1.87355	1.87355	0.197065	0.506247	-1.97532	0.376451	1.57312	1.57312	0.469056	0.692325	-1.44441	2.28222	9.00631	3.50782	1
cg05208582	NEDD9;NEDD9;NEDD9	0.129628	0.302306	0.759611	-1.31646	0.620256	1.13714	1.13714	0.135421	0.660951	-1.51297	0.769206	0.92709	-1.07864	0.00659708	0.403508	-2.47827	?	?	?	0.40807	1.24325	1.24325	0.894752	0.966517	-1.03464	0.971189	0.99075	-1.00934	2.30307	2.14654	0.932035	1
cg01830726	ATP11A;ATP11A	0.129636	0.1493	1.8235	1.8235	0.250633	1.59422	1.59422	0.12547	0.525052	-1.90457	0.217147	1.65614	1.65614	0.231838	1.62775	1.62775	0.0960301	2.03433	2.03433	0.762123	0.888741	-1.12519	0.0507822	2.3741	2.3741	0.0714665	2.18598	2.18598	2.28213	5.4558	2.12503	1
cg13589551	C9orf86;C9orf86	0.129637	0.0896559	1.26532	1.26532	0.325963	1.13605	1.13605	0.788336	0.966723	-1.03442	0.178757	1.19681	1.19681	0.404269	1.1133	1.1133	0.00581694	1.575	1.575	0.340864	1.13139	1.13139	0.72437	0.956449	-1.04553	0.715236	0.954963	-1.04716	2.28212	0.571706	0.22268	1
cg19089201	MYO1G	0.129638	0.0105177	31.9014	31.9014	0.276427	3.37935	3.37935	0.143187	5.43191	5.43191	0.173321	4.7511	4.7511	0.329548	2.95149	2.95149	0.29476	3.21809	3.21809	0.557009	1.89436	1.89436	0.0412248	12.5907	12.5907	0.0505012	10.9944	10.9944	2.28212	41.8157	16.2873	1
cg21683105	OBSCN;OBSCN	0.129642	0.12085	0.300451	-3.32833	0.174002	0.35565	-2.81175	0.775158	0.814883	-1.22717	0.391563	0.533933	-1.87289	0.0665953	0.22985	-4.35067	0.124709	0.304793	-3.28091	0.011627	0.104912	-9.53177	0.0604805	0.220212	-4.54107	0.150356	0.332194	-3.01029	2.28208	18.4679	7.19337	1
cg21885868	POFUT2;POFUT2;LOC642852;POFUT2	0.129642	0.116219	0.360286	-2.77557	0.734474	1.22579	1.22579	0.596779	1.37613	1.37613	0.535009	1.45602	1.45602	0.092012	0.329833	-3.03184	0.622851	0.74346	-1.34506	0.0124578	0.15575	-6.42056	0.0864293	0.322171	-3.10394	0.476867	0.648861	-1.54116	2.28208	12.9251	5.03445	1
cg03900085	GATS;GATS;GATS;GATS	0.129642	0.523157	1.11139	1.11139	0.0851179	1.36438	1.36438	0.00786422	1.7447	1.7447	0.899592	1.02082	1.02082	0.893297	1.02215	1.02215	0.37716	1.1594	1.1594	0.0545073	1.42767	1.42767	0.539821	0.903657	-1.10661	0.893492	1.0221	1.0221	2.28208	0.96279	0.375014	1
cg12809489	NISCH	0.129644	0.274686	0.802146	-1.24666	0.613301	1.1039	1.1039	0.533154	1.13025	1.13025	0.453849	0.862427	-1.15952	0.0104042	0.53481	-1.86982	0.196849	0.767452	-1.30301	0.0333098	0.617219	-1.62017	0.948548	0.98756	-1.0126	0.801523	0.952314	-1.05007	2.28207	1.36	0.529735	1
cg08287265	NKX2-3;NKX2-3	0.129649	0.286094	0.659638	-1.51598	0.0963135	0.503689	-1.98535	0.244364	1.57997	1.57997	0.77467	1.11382	1.11382	0.567505	0.804901	-1.24239	0.344574	1.44143	1.44143	0.0637446	0.45715	-2.18746	0.0436354	2.3897	2.3897	0.629242	1.20046	1.20046	2.28203	5.0979	1.98572	1
cg22518208	FLRT2	0.129649	0.467494	0.84051	-1.18975	0.955777	1.01312	1.01312	0.0126568	2.07171	2.07171	0.91081	0.974009	-1.02668	0.168506	0.708329	-1.41177	0.384654	0.811007	-1.23303	0.360391	0.801731	-1.2473	0.327972	1.26782	1.26782	0.142434	1.44854	1.44854	2.28202	1.99618	0.77755	1
cg02447268	MAD1L1;MAD1L1;MAD1L1	0.12965	0.172148	0.795797	-1.2566	0.254238	0.829351	-1.20576	0.22291	0.817675	-1.22298	0.238629	0.823675	-1.21407	0.949434	0.990082	-1.01002	0.360125	1.15936	1.15936	0.0183085	1.56834	1.56834	0.182217	0.800501	-1.24922	0.690061	0.938945	-1.06503	2.28202	0.892764	0.347749	1
cg05715123	PION	0.129652	0.119092	0.252165	-3.96566	0.0438405	0.151554	-6.59831	0.322198	0.434793	-2.29994	0.587009	0.63975	-1.56311	0.0161617	0.0910299	-10.9854	0.175058	0.308928	-3.237	0.0344034	0.134048	-7.46	0.486724	0.562392	-1.77812	0.141501	0.275926	-3.62416	2.282	23.9735	9.33818	1
cg05448504	TSHZ1	0.129656	0.46466	0.893779	-1.11884	0.0281707	1.47867	1.47867	0.215136	1.21761	1.21761	0.428087	1.12985	1.12985	0.982947	0.99678	-1.00323	0.512957	1.10531	1.10531	0.0243505	1.49918	1.49918	0.755407	0.95394	-1.04828	0.0573804	1.38315	1.38315	2.28197	0.822948	0.320561	1
cg03354772	C10orf93	0.129656	0.0309446	0.370753	-2.69721	0.367866	1.43657	1.43657	0.803335	0.906898	-1.10266	0.476447	1.32785	1.32785	0.0608477	0.437102	-2.28779	0.12845	0.525417	-1.90325	0.409019	1.39196	1.39196	0.189117	0.579932	-1.72434	0.375124	1.42834	1.42834	2.28197	5.54367	2.15941	1
cg05507497	DMWD	0.129658	0.882122	0.981622	-1.01872	0.366618	0.890518	-1.12294	0.815224	1.0297	1.0297	0.0825677	0.786336	-1.27172	0.171318	1.19971	1.19971	0.00760944	0.651124	-1.5358	0.885626	0.982168	-1.01816	0.983259	1.00263	1.00263	0.463438	0.910921	-1.09779	2.28195	0.564846	0.220024	1
cg15810474	TSPY1;TSPY4	0.12966	0.191651	3.15201	3.15201	0.35648	2.19829	2.19829	0.377932	2.11987	2.11987	0.139186	0.266631	-3.75049	0.0324447	0.124984	-8.00104	0.562372	1.62656	1.62656	0.0699392	5.3816	5.3816	0.613347	1.52681	1.52681	0.545395	0.601541	-1.6624	2.28194	24.929	9.71065	1
cg02573234	CDC42EP2	0.12966	0.113463	1.87996	1.87996	0.380937	1.3901	1.3901	0.902481	1.04595	1.04595	0.0622008	2.15855	2.15855	0.444311	0.751405	-1.33084	0.15008	1.76028	1.76028	0.136998	1.79872	1.79872	0.0194457	2.81627	2.81627	0.0894724	1.98621	1.98621	2.28194	4.85457	1.89101	1
cg26029786	REEP3	0.129663	0.546683	1.09495	1.09495	0.955877	1.00826	1.00826	0.659842	0.936253	-1.06809	0.530681	0.909872	-1.09906	0.112461	0.773382	-1.29302	0.0051725	0.577535	-1.7315	0.414326	0.883293	-1.13213	0.365958	1.14813	1.14813	0.947593	1.00982	1.00982	2.28192	0.799305	0.311358	1
cg20140110	TMTC1	0.129663	0.141789	0.783167	-1.27687	0.862799	1.02712	1.02712	0.877704	1.02411	1.02411	0.692939	1.06333	1.06333	0.550312	1.09801	1.09801	0.807385	0.962913	-1.03852	0.0978332	1.32445	1.32445	0.508186	0.901353	-1.10944	0.00830893	1.68539	1.68539	2.28191	0.865157	0.33701	1
cg09180629	GPX1;GPX1;GPX1	0.129663	0.0336947	0.620248	-1.61226	0.843196	1.03887	1.03887	0.153054	0.744788	-1.34266	0.151973	0.744127	-1.34386	0.0446519	0.641514	-1.55881	0.0896542	0.69746	-1.43377	0.0441834	0.640705	-1.56078	0.298278	0.812516	-1.23074	0.105393	0.711287	-1.4059	2.28191	1.34016	0.52204	1
cg15076179	IL1F8;IL1F8	0.129667	0.257297	0.462333	-2.16294	0.0652467	0.259091	-3.85965	0.0389653	0.210226	-4.75678	0.284466	0.484055	-2.06588	0.0914356	0.297325	-3.36332	0.0706885	0.267666	-3.73599	0.439899	0.598084	-1.67201	0.0350351	0.201346	-4.96657	0.0508521	0.234181	-4.27021	2.28188	15.3895	5.99487	1
cg18897026	DENND3	0.129667	0.105201	2.43057	2.43057	0.00406934	6.92132	6.92132	0.183558	2.02961	2.02961	0.464798	1.45241	1.45241	0.636992	0.78783	-1.26931	0.692302	1.22084	1.22084	0.756069	1.16921	1.16921	0.358248	1.60633	1.60633	0.359053	1.60499	1.60499	2.28188	9.09576	3.54319	1
cg21976560	THUMPD3;THUMPD3	0.129671	0.0409367	0.569447	-1.75609	0.0271347	0.53566	-1.86685	0.151276	0.692799	-1.44342	0.847999	0.955234	-1.04686	0.02685	0.534817	-1.8698	0.0905696	0.64079	-1.56057	0.288544	0.76877	-1.30078	0.247698	0.749426	-1.33435	0.780636	0.935539	-1.0689	2.28185	2.05865	0.801943	1
cg14489965	GPSM1;GPSM1	0.129672	0.22482	1.37782	1.37782	0.140053	1.4905	1.4905	0.0952211	1.58542	1.58542	0.92179	0.975615	-1.02499	0.99084	0.997118	-1.00289	0.303044	1.30759	1.30759	0.443514	1.21701	1.21701	0.0162315	0.477572	-2.09392	0.82339	0.945355	-1.0578	2.28184	2.28386	0.889674	1
cg19825639	NAP1L4	0.129672	0.0218487	0.382881	-2.61178	0.927188	1.0324	1.0324	0.214565	0.633896	-1.57755	0.0558088	0.469538	-2.12975	0.14837	0.582216	-1.71757	0.513943	0.793784	-1.25979	0.0291311	0.407758	-2.45243	0.139054	0.573764	-1.74288	0.152644	0.585972	-1.70657	2.28184	4.39934	1.71376	1
cg09095792	KIAA1033	0.129673	0.0505726	0.58856	-1.69906	0.545016	0.864383	-1.15689	0.0541809	0.594584	-1.68185	0.390029	1.23313	1.23313	0.110225	1.51309	1.51309	0.500692	1.17659	1.17659	0.378686	1.23971	1.23971	0.194835	1.38578	1.38578	0.60035	0.88182	-1.13402	2.28183	2.04562	0.796872	1
cg00471857	DPP6;DPP6	0.129674	0.89019	0.961762	-1.03976	0.00892993	2.55694	2.55694	0.764167	0.918586	-1.08863	0.214381	0.691473	-1.44619	0.525146	1.1993	1.1993	0.647345	1.13882	1.13882	0.0461267	1.90589	1.90589	0.679955	1.1242	1.1242	0.919103	0.971734	-1.02909	2.28182	2.87877	1.12143	1
cg21339799	ARHGAP15	0.129676	0.381531	0.892924	-1.11992	0.470865	0.911594	-1.09698	0.817474	0.971249	-1.0296	0.873368	1.02033	1.02033	0.0255255	1.39777	1.39777	0.0400792	1.349	1.349	0.191648	1.19056	1.19056	0.551886	0.926863	-1.07891	0.11903	1.23799	1.23799	2.28181	0.57543	0.224161	1
cg24579970	CAMTA1	0.129682	0.363723	0.772014	-1.29531	0.0470589	0.532587	-1.87763	0.337109	0.760076	-1.31566	0.556437	0.847981	-1.17927	0.125962	0.631927	-1.58246	0.565547	1.17471	1.17471	0.00720951	0.382385	-2.61516	0.901875	0.966386	-1.03478	0.364638	0.772416	-1.29464	2.28176	2.77697	1.08181	1
cg02911270	EIF2C2;EIF2C2	0.129685	0.37201	0.688488	-1.45246	0.467677	1.35114	1.35114	0.526701	0.770113	-1.29851	0.270094	1.59625	1.59625	0.112595	0.494899	-2.02062	0.883597	0.942083	-1.06148	0.377678	0.691685	-1.44574	0.0195033	3.15737	3.15737	0.12997	1.94665	1.94665	2.28174	5.9932	2.33475	1
cg14835981	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.129686	0.062044	0.571902	-1.74855	0.0219941	2.07656	2.07656	0.19406	1.44114	1.44114	0.292448	0.747892	-1.33709	0.643492	0.883417	-1.13197	0.688298	1.11322	1.11322	0.557245	1.17102	1.17102	0.964685	1.01184	1.01184	0.229702	0.715196	-1.39822	2.28173	2.55628	0.995843	1
cg17107459	SLC1A4;SLC1A4	0.129687	0.608663	0.875906	-1.14167	0.259319	0.739382	-1.35248	0.139301	1.50418	1.50418	0.0942695	0.623759	-1.60318	0.0438883	1.81167	1.81167	0.45757	1.21422	1.21422	0.104672	0.634419	-1.57625	0.409399	1.2417	1.2417	0.936153	1.02077	1.02077	2.28172	2.37907	0.926814	1
cg02846228	VKORC1;VKORC1	0.129689	0.518347	0.893554	-1.11913	0.0775474	1.40105	1.40105	0.419614	1.15227	1.15227	0.183949	0.784842	-1.27414	0.153522	0.769002	-1.30039	0.516299	0.893047	-1.11976	0.0272383	1.56698	1.56698	0.587704	1.09866	1.09866	0.353554	1.17829	1.17829	2.28171	1.0676	0.415906	1
cg27618379	GAK	0.12969	0.155351	0.864437	-1.15682	0.120921	1.17485	1.17485	0.188774	1.14271	1.14271	0.401161	1.08582	1.08582	0.613438	1.05002	1.05002	0.832748	1.02047	1.02047	0.0280609	1.28221	1.28221	0.199043	0.878077	-1.13885	0.130246	1.16951	1.16951	2.28169	0.331727	0.129232	1
cg08514994	STAU1;STAU1;STAU1;STAU1;STAU1	0.129691	0.0513885	0.368448	-2.71409	0.21662	0.556962	-1.79545	0.373111	1.50921	1.50921	0.802512	1.11941	1.11941	0.979604	0.988558	-1.01157	0.014624	0.258372	-3.87039	0.276146	1.66518	1.66518	0.512804	0.741716	-1.34823	0.65711	1.22276	1.22276	2.28169	7.32255	2.85269	1
cg15815156	GNB5;GNB5	0.129694	0.83795	0.954332	-1.04785	0.445289	1.19436	1.19436	0.104517	1.49935	1.49935	0.842257	1.04653	1.04653	0.846997	0.956864	-1.04508	0.597922	0.885607	-1.12917	0.018279	0.520062	-1.92285	0.129588	1.45323	1.45323	0.135436	1.44386	1.44386	2.28166	1.88279	0.733498	1
cg13877106	DCPS	0.129695	0.440607	0.709233	-1.40997	0.553618	0.769685	-1.29923	0.784273	1.12736	1.12736	0.428181	0.702312	-1.42387	0.971706	0.984625	-1.01562	0.893873	1.06004	1.06004	0.0121438	0.255214	-3.91828	0.0288547	0.324374	-3.08286	0.0634624	0.401836	-2.48858	2.28165	6.8968	2.68686	1
cg09697403	RIMS1	0.129702	0.517558	0.701504	-1.42551	0.385864	0.618552	-1.61668	0.127655	2.43537	2.43537	0.984356	1.01065	1.01065	0.0459698	0.290553	-3.44171	0.121708	0.403902	-2.47585	0.0537721	0.306246	-3.26535	0.0914122	0.366228	-2.73054	0.653128	1.27693	1.27693	2.2816	10.5517	4.11085	1
cg10846853	HLA-DQB1	0.129705	0.148413	2.85749	2.85749	0.0636218	4.10606	4.10606	0.329211	0.505579	-1.97793	0.704495	1.29445	1.29445	0.0613892	4.16832	4.16832	0.402263	1.78714	1.78714	0.579262	0.684305	-1.46134	0.0218735	6.44447	6.44447	0.922958	0.936582	-1.06771	2.28157	16.5776	6.45854	1
cg22479576	LOC100130581;LOC100130581	0.129708	0.554847	0.882444	-1.13322	0.948981	1.01349	1.01349	0.869528	0.966166	-1.03502	0.0556309	0.635026	-1.57474	0.965291	0.99093	-1.00915	0.464155	0.855563	-1.16882	0.00379573	0.441522	-2.26489	0.530058	0.875305	-1.14246	0.553323	0.882009	-1.13378	2.28155	1.58406	0.617149	1
cg07789904	MAD2L2;MAD2L2	0.129708	0.899738	0.975203	-1.02543	0.589408	1.11465	1.11465	0.0695953	0.667459	-1.49822	0.0489675	0.639026	-1.56488	0.0495936	0.640031	-1.56242	0.145784	1.36492	1.36492	0.910292	0.977798	-1.02271	0.93719	0.984423	-1.01582	0.301949	1.23742	1.23742	2.28155	1.43388	0.558636	1
cg15230311	DLGAP2	0.129714	0.946832	1.01566	1.01566	0.488996	1.17797	1.17797	0.895973	1.03095	1.03095	0.556273	1.14875	1.14875	0.946874	0.984592	-1.01565	0.835933	1.04951	1.04951	0.735242	1.0823	1.0823	0.0035968	0.399065	-2.50586	0.268585	0.764516	-1.30802	2.2815	1.96211	0.764452	1
cg13004429	STRN3;AP4S1;STRN3;AP4S1	0.129714	0.748847	1.03487	1.03487	0.559899	1.06492	1.06492	0.879105	0.98389	-1.01637	0.465207	1.08254	1.08254	0.00589027	0.680798	-1.46886	0.51234	0.931551	-1.07348	0.590372	1.0597	1.0597	0.329263	0.898135	-1.11342	0.203969	1.15379	1.15379	2.2815	0.411396	0.160283	1
cg21748749	ZNF610;ZNF610;ZNF610	0.129715	0.790004	1.03451	1.03451	0.195716	0.840351	-1.18998	0.742303	1.04283	1.04283	0.701758	1.05013	1.05013	0.20226	0.842704	-1.18666	0.0244402	1.40609	1.40609	0.0320425	1.37613	1.37613	0.753244	0.960705	-1.0409	0.444985	1.10404	1.10404	2.28149	0.583871	0.227481	1
cg01642723	GALNT9	0.129721	0.924981	1.06015	1.06015	0.0164545	6.15935	6.15935	0.932413	1.05402	1.05402	0.924242	0.942715	-1.06077	0.171739	0.405618	-2.46538	0.036124	0.220578	-4.53354	0.85026	0.889391	-1.12436	0.622119	1.36085	1.36085	0.488472	0.646299	-1.54727	2.28145	13.8996	5.41552	1
cg00012698	AVEN	0.129728	0.193743	0.459543	-2.17608	0.0120546	0.170288	-5.8724	0.0881834	0.345119	-2.89755	0.849073	0.897875	-1.11374	0.0798546	0.3332	-3.0012	0.408994	0.620337	-1.61203	0.133865	0.400854	-2.49467	0.432582	1.57279	1.57279	0.931438	1.04986	1.04986	2.28139	11.5523	4.50108	1
cg09425356	C10orf58	0.129728	0.507811	0.899688	-1.11151	0.0433325	1.44147	1.44147	0.0179044	1.57264	1.57264	0.373695	0.866163	-1.15452	0.807573	0.962333	-1.03914	0.106207	1.31996	1.31996	0.703176	0.941541	-1.06209	0.722077	0.945355	-1.0578	0.967193	0.993549	-1.00649	2.28139	0.894547	0.348539	1
cg19538674	CSRNP1	0.129729	0.219264	1.4988	1.4988	0.467667	1.26046	1.26046	0.931574	1.02726	1.02726	0.49807	1.24042	1.24042	0.0283231	0.444475	-2.24984	0.622478	1.16817	1.16817	0.0219132	0.422618	-2.3662	0.901362	1.0396	1.0396	0.475311	0.796614	-1.25531	2.28138	3.54497	1.38122	1
cg02799582	TFCP2L1	0.129729	0.36727	0.868067	-1.15198	0.388095	0.873599	-1.14469	0.112647	1.30189	1.30189	0.529838	0.90735	-1.10211	0.128979	1.28482	1.28482	0.100952	0.760012	-1.31577	0.11924	1.29471	1.29471	0.111825	0.767568	-1.30282	0.403476	0.877569	-1.13951	2.28138	0.843213	0.328539	1
cg13852948	COL5A1	0.129729	0.43077	0.768151	-1.30183	0.329279	0.718751	-1.3913	0.345564	0.727145	-1.37524	0.682782	1.14428	1.14428	0.00612781	0.309383	-3.23224	0.600681	0.840946	-1.18914	0.0335065	0.44277	-2.25851	0.301167	0.703716	-1.42103	0.359462	0.734146	-1.36213	2.28138	3.88723	1.51458	1
cg21609034	PANK2;PANK2;PANK2	0.129731	0.205266	0.830815	-1.20364	0.98711	0.997762	-1.00224	0.636717	0.936149	-1.06821	0.19939	0.828575	-1.20689	0.178524	0.820178	-1.21925	0.918295	0.98587	-1.01433	0.00434536	0.58947	-1.69644	0.294959	0.860159	-1.16258	0.581781	1.0802	1.0802	2.28136	0.694985	0.270787	1
cg08938612	CASKIN1	0.129732	0.800812	0.893148	-1.11964	0.981821	1.01024	1.01024	0.34142	0.645199	-1.54991	0.131662	0.483149	-2.06976	0.225092	0.565793	-1.76743	0.373051	0.664474	-1.50495	0.00361797	0.171992	-5.81424	0.519384	0.746804	-1.33904	0.17404	0.523925	-1.90867	2.28136	7.2193	2.81287	1
cg13631572	ADCY4	0.129732	0.909291	0.971883	-1.02893	0.0596755	0.587557	-1.70196	0.859111	1.04546	1.04546	0.388326	1.24762	1.24762	0.0290984	0.525423	-1.90323	0.120663	1.52377	1.52377	0.368737	1.25987	1.25987	0.436063	1.21998	1.21998	0.29084	0.760112	-1.3156	2.28135	2.26237	0.88149	1
cg07385220	DOT1L	0.129734	0.0518651	3.68389	3.68389	0.176203	2.33394	2.33394	0.46797	0.647089	-1.54538	0.238623	2.06985	2.06985	0.933641	0.952101	-1.05031	0.599764	1.36627	1.36627	0.0720145	3.26625	3.26625	0.0322918	4.3823	4.3823	0.0532542	3.64842	3.64842	2.28134	12.5522	4.89078	1
cg26975193	VIPR2	0.129735	0.192328	0.454829	-2.19863	0.855789	0.901351	-1.10945	0.857712	1.10789	1.10789	0.235637	2.03312	2.03312	0.0103474	0.158187	-6.32165	0.127751	2.5603	2.5603	0.516079	1.45634	1.45634	0.610442	1.34088	1.34088	0.854735	0.900658	-1.1103	2.28133	11.7766	4.5886	1
cg19234484	MAP1LC3C	0.129736	0.44231	0.774308	-1.29148	0.20737	1.5436	1.5436	0.184321	1.58374	1.58374	0.632242	0.854336	-1.1705	0.0104024	0.348729	-2.86755	0.95177	0.980444	-1.01995	0.839341	1.06853	1.06853	0.796264	1.08815	1.08815	0.125826	0.58226	-1.71745	2.28132	3.85187	1.50083	1
cg02237470	NPBWR1	0.129737	0.124367	4.9569	4.9569	0.27606	2.97443	2.97443	0.0854148	6.22997	6.22997	0.281977	2.93196	2.93196	0.817655	1.24881	1.24881	0.694715	1.46151	1.46151	0.894558	1.13607	1.13607	0.0055065	33.4677	33.4677	0.653432	0.647383	-1.54468	2.28132	33.4423	13.0304	1
cg02412684	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.12974	0.398515	0.576948	-1.73326	0.143564	0.367874	-2.71832	0.99416	1.00467	1.00467	0.0872703	3.32451	3.32451	0.703234	0.783846	-1.27576	0.0538324	4.02678	4.02678	0.172333	2.52003	2.52003	0.0553549	3.98264	3.98264	0.451123	1.62992	1.62992	2.28129	14.628	5.69969	1
cg15965055	ILDR2	0.12974	0.616193	0.940528	-1.06323	0.610667	0.939608	-1.06427	0.390662	0.898786	-1.11261	0.0821792	1.26317	1.26317	0.272598	1.14859	1.14859	0.795797	1.03196	1.03196	0.00996667	0.673803	-1.48411	0.705261	0.954946	-1.04718	0.537093	1.07877	1.07877	2.28129	0.531791	0.207209	1
cg18800329	SLC2A5	0.129743	0.309635	0.829625	-1.20536	0.0109045	0.566808	-1.76427	0.533987	1.1184	1.1184	0.998636	1.0003	1.0003	0.0966055	0.723207	-1.38273	0.846593	1.03501	1.03501	0.112573	1.35917	1.35917	0.996605	0.999244	-1.00076	0.964795	0.99219	-1.00787	2.28127	1.14029	0.444309	1
cg26956535	LAG3	0.129747	0.661425	1.23039	1.23039	0.0084638	4.86255	4.86255	0.0201653	3.73726	3.73726	0.812797	1.11808	1.11808	0.992004	0.995297	-1.00473	0.310257	1.63882	1.63882	0.149727	2.06807	2.06807	0.638333	1.24949	1.24949	0.628302	1.25799	1.25799	2.28123	7.99728	3.11616	1
cg19246761	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.129747	0.0315878	0.395779	-2.52666	0.129022	0.547053	-1.82798	0.322512	0.686743	-1.45615	0.38816	0.722353	-1.38436	0.0348444	0.404778	-2.47049	0.570014	0.809692	-1.23504	0.018241	0.348619	-2.86846	0.127976	0.546005	-1.83148	0.623908	0.83383	-1.19929	2.28123	4.8856	1.90369	1
cg23322676	GOLGA3	0.129749	0.0306772	0.401464	-2.49089	0.721868	0.879429	-1.1371	0.599527	1.20981	1.20981	0.681651	1.15982	1.15982	0.262853	1.52139	1.52139	0.195725	1.63535	1.63535	0.381834	1.38045	1.38045	0.109347	1.87305	1.87305	0.095472	0.517687	-1.93167	2.28122	4.66854	1.81912	1
cg01194538	CYB5R3;CYB5R3;CYB5R3	0.129751	0.44172	0.721529	-1.38595	0.725945	1.15768	1.15768	0.0501586	2.53227	2.53227	0.958904	1.02167	1.02167	0.191371	0.562404	-1.77808	0.78103	0.890526	-1.12293	0.0179588	0.302278	-3.30821	0.147335	0.523654	-1.90966	0.725495	0.863575	-1.15798	2.28121	6.25435	2.43705	1
cg15269875	H19;MIR675	0.129751	0.651725	0.8882	-1.12587	0.063831	0.580659	-1.72218	0.067613	1.70615	1.70615	0.35354	0.779526	-1.28283	0.082295	0.60518	-1.6524	0.957496	1.014	1.014	0.0961668	1.61076	1.61076	0.410324	0.802769	-1.24569	0.505701	0.838446	-1.19268	2.2812	2.45976	0.958465	1
cg12066583	DNAJB12;DNAJB12	0.129752	0.175677	1.14551	1.14551	0.786067	0.97466	-1.026	0.365988	1.09158	1.09158	0.774815	1.02743	1.02743	0.27377	0.898127	-1.11343	0.58959	1.05272	1.05272	0.0087827	0.729906	-1.37004	0.658999	0.958968	-1.04279	0.260858	1.11698	1.11698	2.28119	0.321558	0.125298	1
cg20742009	LAMP3	0.129755	0.315066	1.92407	1.92407	0.0112174	7.40127	7.40127	0.206254	2.31607	2.31607	0.329696	1.88455	1.88455	0.447697	1.62822	1.62822	0.37253	1.78023	1.78023	0.659739	1.32196	1.32196	0.0164867	6.33282	6.33282	0.105207	3.05021	3.05021	2.28117	14.338	5.58701	1
cg01618304	C11orf54;TAF1D;C11orf54	0.129758	0.103628	0.701292	-1.42594	0.237792	1.27959	1.27959	0.00687597	0.497745	-2.00906	0.421565	1.17784	1.17784	0.396421	0.841028	-1.18902	0.929733	1.01774	1.01774	0.796516	0.949789	-1.05287	0.856888	0.964652	-1.03664	0.644523	0.911537	-1.09705	2.28115	1.43593	0.559535	1
cg18084999	C6orf191	0.129761	0.0499661	0.146602	-6.82121	0.123031	0.238109	-4.19975	0.895307	0.89308	-1.11972	0.314747	0.409472	-2.44217	0.0494857	0.145848	-6.85644	0.179034	0.293456	-3.40767	0.0335581	0.118537	-8.43621	0.0322728	0.116085	-8.61441	0.308124	0.404119	-2.47452	2.28113	26.6513	10.3853	1
cg19680441	PTPRN2;PTPRN2;PTPRN2	0.129762	0.205257	0.506809	-1.97313	0.315521	0.589929	-1.69512	0.133499	0.439096	-2.27741	0.280055	1.77008	1.77008	0.124289	0.428984	-2.33109	0.0674408	0.352746	-2.8349	0.466923	0.68629	-1.45711	0.556701	0.739123	-1.35295	0.0131342	0.209309	-4.77762	2.28111	9.3426	3.64056	1
cg09722277	PDLIM3;PDLIM3	0.129764	0.67576	1.08656	1.08656	0.433695	0.854132	-1.17078	0.0129476	0.544001	-1.83823	0.80384	1.05034	1.05034	0.457513	1.16105	1.16105	0.393944	1.18808	1.18808	0.132272	1.37796	1.37796	0.891471	0.973416	-1.02731	0.103582	0.703749	-1.42096	2.2811	1.40728	0.548385	1
cg02984314	PTBP1;PTBP1;PTBP1;PTBP1	0.129765	0.386589	1.4513	1.4513	0.0187307	3.30529	3.30529	0.0447397	2.62982	2.62982	0.161903	1.87154	1.87154	0.190488	0.558898	-1.78924	0.530222	1.30582	1.30582	0.24025	1.6753	1.6753	0.142664	1.93721	1.93721	0.607104	1.24317	1.24317	2.28109	6.36233	2.47926	1
cg27333460	CDYL;CDYL;CDYL;CDYL	0.12977	0.745547	0.920353	-1.08654	0.021838	0.495874	-2.01664	0.290369	0.756015	-1.32273	0.762032	1.08049	1.08049	0.519262	0.846597	-1.1812	0.301871	0.761371	-1.31342	0.0260045	1.96103	1.96103	0.995747	0.998642	-1.00136	0.669151	1.1158	1.1158	2.28105	2.34715	0.91465	1
cg08925142	LCORL;LCORL	0.129772	0.374152	0.8962	-1.11582	0.0230581	1.38609	1.38609	0.0952749	1.24631	1.24631	0.445388	0.910779	-1.09796	0.451196	0.911903	-1.09661	0.891058	0.983672	-1.0166	0.240185	1.15921	1.15921	0.170774	1.19151	1.19151	0.100712	1.24108	1.24108	2.28104	0.521389	0.203178	1
cg22548000	SLC30A6	0.129772	0.904267	0.97933	-1.02111	0.00833617	1.7955	1.7955	0.266792	1.22243	1.22243	0.767173	0.949765	-1.05289	0.176108	1.28362	1.28362	0.994117	0.998721	-1.00128	0.627232	0.918557	-1.08866	0.0463239	1.48619	1.48619	0.38736	1.16627	1.16627	2.28103	1.08863	0.424223	1
cg08115114	OSR2;OSR2	0.129772	0.364729	2.12241	2.12241	0.929995	0.931464	-1.07358	0.432041	1.91155	1.91155	0.954662	1.04701	1.04701	0.0716537	5.07923	5.07923	0.221801	0.354308	-2.8224	0.214977	2.87108	2.87108	0.00851258	15.0768	15.0768	0.953479	1.04827	1.04827	2.28103	23.5863	9.19128	1
cg25511278	MIR219-1;HSD17B8	0.129773	0.16944	0.407187	-2.45587	0.0176716	0.170098	-5.87896	0.241316	0.471004	-2.12312	0.821326	1.14895	1.14895	0.117982	0.352751	-2.83486	0.503276	0.659045	-1.51735	0.0441512	0.241865	-4.13453	0.0770888	0.299214	-3.34209	0.0914241	0.319499	-3.1299	2.28102	13.6121	5.30449	1
cg02469461	CAB39;CAB39;CAB39	0.129775	0.0174498	0.262683	-3.80682	0.170479	0.509501	-1.9627	0.830159	0.905533	-1.10432	0.17751	0.515803	-1.93873	0.0673504	0.387915	-2.57789	0.174696	0.513298	-1.94818	0.132733	0.472661	-2.11568	0.958148	0.976049	-1.02454	0.0332152	0.316653	-3.15803	2.28101	7.70949	3.00432	1
cg16988989	ATP10A	0.129776	0.212962	0.738555	-1.354	0.722912	1.08574	1.08574	0.0269853	0.546005	-1.83148	0.0273069	0.546941	-1.82835	0.741503	1.07948	1.07948	0.939668	0.982662	-1.01764	0.895541	0.970105	-1.03082	0.235004	1.33322	1.33322	0.148605	0.699094	-1.43042	2.281	1.9286	0.751563	1
cg17144108	GIPR	0.129781	0.379774	1.52442	1.52442	0.59325	1.28697	1.28697	0.0341767	3.17888	3.17888	0.798634	0.887252	-1.12708	0.384648	0.658953	-1.51756	0.459213	0.702822	-1.42284	0.12937	0.464503	-2.15284	0.654148	1.23493	1.23493	0.0305567	3.28441	3.28441	2.28096	7.91036	3.08266	1
cg17469356	TUSC2	0.129789	0.292823	1.24649	1.24649	0.90462	0.976089	-1.0245	0.653595	0.912835	-1.09549	0.785108	1.05673	1.05673	0.058105	1.54095	1.54095	0.481334	0.865453	-1.15546	0.0148053	0.545864	-1.83196	0.429096	1.177	1.177	0.291223	1.24747	1.24747	2.28089	1.47243	0.573821	1
cg07430472	PCDH17	0.12979	0.256757	1.45384	1.45384	0.0235568	2.35117	2.35117	0.914788	1.03442	1.03442	0.189934	1.55099	1.55099	0.106089	1.74715	1.74715	0.12081	0.587499	-1.70213	0.602504	0.846949	-1.18071	0.910352	1.03625	1.03625	0.110048	1.73437	1.73437	2.28089	3.61044	1.40703	1
cg08183141	MYH14;MYH14;MYH14	0.129793	0.0856678	1.45276	1.45276	0.068137	0.669256	-1.4942	0.549841	0.887849	-1.12632	0.23738	1.27552	1.27552	0.369089	1.19884	1.19884	0.701388	0.927052	-1.07869	0.756642	0.940717	-1.06302	0.57884	1.11654	1.11654	0.0248563	1.69049	1.69049	2.28086	1.39623	0.544133	1
cg03778707	SMCR7;SMCR7;SMCR7	0.129794	0.337987	0.710937	-1.40659	0.160252	0.595601	-1.67898	0.00732537	0.302955	-3.30082	0.889741	1.04908	1.04908	0.178946	0.610691	-1.63749	0.0362643	0.431309	-2.31852	0.937948	0.973465	-1.02726	0.532045	0.803623	-1.24436	0.345978	0.715171	-1.39827	2.28086	4.30977	1.67959	1
cg19875375	F2	0.129796	0.290342	0.617361	-1.6198	0.0773542	0.421902	-2.37022	0.199984	0.551536	-1.81312	0.286966	0.615113	-1.62572	0.0175603	0.28081	-3.56113	0.425327	1.43019	1.43019	0.0800035	0.425824	-2.34839	0.0783186	0.42334	-2.36217	0.208088	0.558035	-1.792	2.28084	6.97783	2.7194	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03072569	CNTNAP4	0.129798	0.995962	1.00231	1.00231	0.856165	0.920474	-1.0864	0.0629294	0.384613	-2.60002	0.845976	0.915008	-1.09289	0.0301404	0.31206	-3.20451	0.798079	1.12422	1.12422	0.440968	0.698457	-1.43173	0.0514248	2.75334	2.75334	0.312137	1.61209	1.61209	2.28083	7.53481	2.93648	1
cg17383203	MPP6	0.129798	0.356561	0.641969	-1.55771	0.88261	0.933269	-1.0715	0.451634	0.698762	-1.4311	0.512895	0.733318	-1.36367	0.039924	0.329555	-3.0344	0.182202	0.51593	-1.93825	0.0612618	0.373177	-2.67969	0.304541	1.64377	1.64377	0.0196615	0.267878	-3.73304	2.28082	7.89182	3.07562	1
cg11728747	CPVL;CPVL	0.129799	0.0801142	0.284353	-3.51676	0.010004	0.1217	-8.21692	0.0587038	0.250813	-3.98704	0.230519	0.442768	-2.25852	0.118605	0.33378	-2.99599	0.172971	0.390924	-2.55805	0.112988	0.327172	-3.05649	0.215639	0.42996	-2.3258	0.506048	0.64596	-1.54808	2.28082	15.1533	5.90559	1
cg01441014	ZFYVE28	0.1298	0.679685	0.766146	-1.30523	0.031725	5.03029	5.03029	0.0544129	4.05646	4.05646	0.26504	2.10699	2.10699	0.0569475	0.251035	-3.98352	0.309128	1.96466	1.96466	0.97331	0.978763	-1.0217	0.94302	1.04693	1.04693	0.93908	0.952142	-1.05026	2.2808	14.8698	5.79515	1
cg26328633	MIR886	0.129802	0.134891	3.22891	3.22891	0.150808	3.06408	3.06408	0.930949	1.06505	1.06505	0.195529	2.70618	2.70618	0.0751129	4.22609	4.22609	0.0500116	5.07988	5.07988	0.0137623	9.15859	9.15859	0.111318	3.53022	3.53022	0.235463	2.47	2.47	2.28079	19.1037	7.44523	1
cg22019177	DIXDC1	0.129803	0.822541	1.14562	1.14562	0.0109108	6.91569	6.91569	0.0529083	3.78627	3.78627	0.941747	0.956736	-1.04522	0.41444	1.65678	1.65678	0.149465	2.5481	2.5481	0.0995868	2.98121	2.98121	0.0903175	3.09428	3.09428	0.931353	1.05352	1.05352	2.28078	13.2298	5.15605	1
cg07315894	PHYHIP;PHYHIP;PHYHIP;PHYHIP	0.129808	0.171287	0.749431	-1.33435	0.0192732	1.75165	1.75165	0.0818804	1.46489	1.46489	0.580041	0.895229	-1.11703	0.40907	1.18198	1.18198	0.886606	0.972141	-1.02866	0.214764	0.772124	-1.29513	0.780151	1.05697	1.05697	0.382423	0.837462	-1.19408	2.28074	1.41646	0.552045	1
cg15651835	LIN9	0.129809	0.520023	1.15641	1.15641	0.0695951	1.57187	1.57187	0.113408	1.46799	1.46799	0.907274	1.02631	1.02631	0.359422	1.23367	1.23367	0.11822	0.685227	-1.45937	0.0554333	0.616433	-1.62224	0.689823	1.09352	1.09352	0.202435	1.34972	1.34972	2.28073	1.79387	0.699139	1
cg12007596	ACRBP	0.12981	0.680876	1.4464	1.4464	0.0689488	6.15024	6.15024	0.244305	2.96571	2.96571	0.104692	4.8682	4.8682	0.110523	4.72128	4.72128	0.741072	1.3444	1.3444	0.359335	0.431212	-2.31905	0.0267674	10.4017	10.4017	0.0564565	6.87209	6.87209	2.28072	28.7726	11.2138	1
cg00670465	CCDC77;CCDC77;CCDC77;CCDC77	0.129811	0.232396	0.614837	-1.62645	0.0054539	4.13609	4.13609	0.851807	0.929941	-1.07534	0.846957	0.927701	-1.07793	0.572309	1.24808	1.24808	0.515201	0.773917	-1.29213	0.266883	0.638099	-1.56716	0.715865	0.867641	-1.15255	0.695503	1.16506	1.16506	2.28072	5.44878	2.12361	1
cg08849095	MIR23B;C9orf3	0.129812	0.630684	1.16155	1.16155	0.0847313	1.8029	1.8029	0.90927	0.965371	-1.03587	0.192548	1.5317	1.5317	0.0752681	0.542103	-1.84467	0.883667	0.955745	-1.0463	0.0694513	0.533759	-1.8735	0.0875785	1.79139	1.79139	0.742524	1.10729	1.10729	2.28071	3.45223	1.34548	1
cg18137427	CLIC5;CLIC5;CLIC5	0.129812	0.45018	1.1062	1.1062	0.0652796	1.31185	1.31185	0.98905	1.0018	1.0018	0.200381	0.837428	-1.19413	0.976746	0.996184	-1.00383	0.296077	0.867518	-1.15271	0.11101	0.796325	-1.25577	0.0858977	1.28269	1.28269	0.103988	1.2626	1.2626	2.28071	0.621513	0.24223	1
cg14856641	B4GALT4;B4GALT4	0.129815	0.212788	1.89498	1.89498	0.794082	1.1359	1.1359	0.843196	1.10128	1.10128	0.580881	0.762128	-1.31212	0.0511828	0.339021	-2.94967	0.364295	0.635002	-1.5748	0.0297871	3.47538	3.47538	0.281547	1.7249	1.7249	0.164615	2.05905	2.05905	2.28069	8.57131	3.34063	1
cg23397909	C7orf20	0.129815	0.600448	0.884686	-1.13034	0.809229	1.05768	1.05768	0.165732	1.40876	1.40876	0.0669554	0.621202	-1.60978	0.0134658	0.491994	-2.03254	0.940184	1.01755	1.01755	0.422984	1.20893	1.20893	0.493573	0.851129	-1.17491	0.250369	0.756939	-1.32111	2.28069	1.94148	0.756686	1
cg20710888	ZNF292	0.129815	0.551801	0.898236	-1.11329	0.522923	0.890987	-1.12235	0.1172	1.35442	1.35442	0.855654	0.968059	-1.03299	0.00665838	0.533819	-1.87329	0.224606	0.7966	-1.25534	0.943112	0.987358	-1.0128	0.945776	1.0122	1.0122	0.252181	0.807961	-1.23768	2.28068	1.14796	0.447415	1
cg04125246	ULK4;ULK4	0.129816	0.555416	0.770777	-1.29739	0.0289766	3.07661	3.07661	0.385181	1.47498	1.47498	0.347705	0.65569	-1.52511	0.533336	0.759261	-1.31707	0.0682043	0.410074	-2.43858	0.0762986	2.36524	2.36524	0.908635	1.05139	1.05139	0.542413	1.30889	1.30889	2.28068	6.88309	2.68266	1
cg12271981	SLITRK5	0.129818	0.0831589	0.629901	-1.58755	0.954645	1.0138	1.0138	0.0901346	0.637616	-1.56834	0.331732	1.27288	1.27288	0.512552	0.852121	-1.17354	0.452383	0.831556	-1.20257	0.0117224	0.468278	-2.13548	0.837609	0.951756	-1.05069	0.419704	1.21975	1.21975	2.28066	2.09694	0.817282	1
cg07688412	NAIF1;SLC25A25	0.129822	0.147155	0.831701	-1.20235	0.300977	1.13537	1.13537	0.0147949	1.42655	1.42655	0.755319	0.963646	-1.03773	0.108371	1.23058	1.23058	0.55439	1.07341	1.07341	0.194115	0.849813	-1.17673	0.867607	1.01996	1.01996	0.76069	1.03685	1.03685	2.28063	0.50686	0.197552	1
cg20707991	PTPRN2;PTPRN2;PTPRN2	0.129823	0.0644974	0.345487	-2.89447	0.0497406	0.318092	-3.14375	0.0629648	0.342851	-2.91671	0.222614	0.518995	-1.9268	0.0304707	0.272156	-3.67437	0.211043	0.509492	-1.96274	0.0913661	0.386191	-2.58939	0.128423	0.431296	-2.31859	0.0851627	0.377567	-2.64854	2.28062	9.45887	3.68666	1
cg25188395	HOXA9	0.129823	0.599553	1.48573	1.48573	0.529664	0.621383	-1.60931	0.0178203	8.60613	8.60613	0.642046	0.704816	-1.41881	0.0478653	5.42189	5.42189	0.375647	1.97279	1.97279	0.145004	0.310486	-3.22076	0.542388	0.630765	-1.58538	0.949905	1.04807	1.04807	2.28062	20.1699	7.86139	1
cg16218221	CCNYL1;CCNYL1;CCNYL1	0.129828	0.214073	0.554031	-1.80495	0.0724939	0.404668	-2.47116	0.632834	0.804704	-1.24269	0.111265	2.18833	2.18833	0.83495	0.910113	-1.09876	0.117623	0.464316	-2.15371	0.756786	0.869148	-1.15055	0.0557306	2.66063	2.66063	0.399325	1.47626	1.47626	2.28059	7.36083	2.86898	1
cg07713493	CDK18;CDK18;CDK18	0.129828	0.539745	1.4354	1.4354	0.0683056	3.28169	3.28169	0.490122	1.50401	1.50401	0.37701	1.69516	1.69516	0.482239	1.51562	1.51562	0.0752314	3.16861	3.16861	0.0111037	6.38362	6.38362	0.0384402	4.0404	4.0404	0.18411	2.27119	2.27119	2.28058	12.2431	4.77192	1
cg14173613	TMEM33;TMEM33	0.129828	0.166726	0.831046	-1.2033	0.0651316	1.29685	1.29685	0.20997	1.18039	1.18039	0.223821	0.851783	-1.17401	0.669694	0.94756	-1.05534	0.238379	0.856396	-1.16768	0.204907	1.18283	1.18283	0.702524	0.952973	-1.04935	0.0707106	1.28855	1.28855	2.28058	0.569156	0.221836	1
cg15811371	MUC16	0.129828	0.0806533	0.212998	-4.69488	0.0412576	0.152692	-6.54912	0.210816	0.349088	-2.8646	0.198073	0.337621	-2.9619	0.0485391	0.165504	-6.04216	0.173195	0.31447	-3.17995	0.0253753	0.119877	-8.34186	0.0788838	0.210652	-4.74716	0.214399	0.352271	-2.83873	2.28058	23.0134	8.9698	1
cg27128322	KIAA1632	0.129829	0.0691081	0.732806	-1.36462	0.0184182	0.645924	-1.54817	0.220059	1.21786	1.21786	0.187631	0.807802	-1.23793	0.121214	0.773499	-1.29283	0.866381	1.02607	1.02607	0.426977	0.883403	-1.13199	0.149938	0.789841	-1.26608	0.363689	0.867027	-1.15337	2.28058	0.843852	0.328904	1
cg07185119	EHD3	0.129834	0.11102	0.374992	-2.66673	0.177758	2.24589	2.24589	0.18705	2.20351	2.20351	0.0671551	3.18708	3.18708	0.17457	2.26108	2.26108	0.814351	1.14212	1.14212	0.930522	0.951929	-1.0505	0.121631	2.58062	2.58062	0.144042	0.412024	-2.42704	2.28053	11.5277	4.49317	1
cg01735049	C16orf72	0.129843	0.14383	0.454513	-2.20016	0.382787	1.56737	1.56737	0.354469	1.61335	1.61335	0.535953	0.730001	-1.36986	0.0372266	0.296931	-3.36778	0.950034	0.969024	-1.03197	0.0244748	0.260345	-3.84105	0.162522	0.473002	-2.11416	0.301383	0.584126	-1.71196	2.28046	9.1056	3.54923	1
cg16495975	TMEM114	0.129848	0.64617	1.28678	1.28678	0.00549036	7.32616	7.32616	0.378636	1.63672	1.63672	0.506364	1.4445	1.4445	0.182275	0.462019	-2.16442	0.2124	2.0471	2.0471	0.792217	0.865879	-1.1549	0.305742	1.78326	1.78326	0.798392	1.14983	1.14983	2.28042	10.7457	4.18857	1
cg08218206	EFNA5	0.129849	0.0282285	1.75995	1.75995	0.296974	1.26608	1.26608	0.411123	0.832453	-1.20127	0.447894	1.18384	1.18384	0.0547097	1.60877	1.60877	0.445392	1.18499	1.18499	0.215629	1.3289	1.3289	0.10043	0.675258	-1.48092	0.879018	1.03379	1.03379	2.28041	1.71938	0.670204	1
cg02867242	SLC44A4	0.129851	0.102425	0.141541	-7.06511	0.222791	4.06127	4.06127	0.504562	2.09763	2.09763	0.42043	2.46077	2.46077	0.0998165	0.139041	-7.19213	0.127883	0.165177	-6.05412	0.402101	0.391364	-2.55516	0.188208	0.217535	-4.59696	0.0418339	0.0768237	-13.0168	2.2804	43.2235	16.8483	1
cg13598588	FAM129B;FAM129B	0.129851	0.732877	1.06819	1.06819	0.105181	1.40618	1.40618	0.0831971	1.4467	1.4467	0.339204	1.20885	1.20885	0.681872	0.92371	-1.08259	0.0212106	0.586614	-1.7047	0.54314	1.12582	1.12582	0.740111	0.937917	-1.06619	0.295541	0.81151	-1.23227	2.28039	1.33891	0.521902	1
cg22704520	C2orf60;C2orf60;C2orf47;C2orf60	0.129852	0.672664	1.10285	1.10285	0.70669	0.916592	-1.091	0.758647	1.07358	1.07358	0.413176	0.824697	-1.21257	0.735794	1.08115	1.08115	0.271398	0.768139	-1.30185	0.00522499	0.427898	-2.337	0.393858	1.22288	1.22288	0.164453	0.710543	-1.40738	2.28039	1.91691	0.747203	1
cg19704070	HOMEZ;HOMEZ	0.129852	0.439294	1.21184	1.21184	0.419997	0.818162	-1.22225	0.534193	1.16573	1.16573	0.0840215	0.627704	-1.59311	0.0272843	0.529263	-1.88942	0.939542	0.981693	-1.01865	0.803523	1.0626	1.0626	0.75445	1.07942	1.07942	0.048358	1.73235	1.73235	2.28039	2.14292	0.835305	1
cg20880031	RELN;RELN	0.129853	0.0100145	0.194703	-5.13602	0.660784	1.24888	1.24888	0.0926933	2.5374	2.5374	0.800135	1.13619	1.13619	0.33659	0.607357	-1.64648	0.118527	0.426198	-2.34633	0.813551	0.887891	-1.12626	0.803424	0.882037	-1.13374	0.733733	0.842115	-1.18749	2.28038	9.14794	3.56585	1
cg21076259	CD44;CD44;CD44;CD44;CD44	0.129853	0.989263	1.00504	1.00504	0.0220749	2.78753	2.78753	0.72523	0.87653	-1.14086	0.201118	0.603988	-1.65566	0.230209	0.624938	-1.60016	0.581658	1.23098	1.23098	0.553649	0.799511	-1.25076	0.185758	1.68872	1.68872	0.0831675	0.488532	-2.04695	2.28038	5.03696	1.9634	1
cg07370845	HIST1H1T	0.129857	0.5462	0.878372	-1.13847	0.0301433	0.581904	-1.7185	0.131622	0.707787	-1.41285	0.661145	0.910589	-1.09819	0.39346	1.20397	1.20397	0.532014	1.14387	1.14387	0.0333073	1.69593	1.69593	0.754123	1.069	1.069	0.660793	1.09831	1.09831	2.28035	1.62852	0.634804	1
cg03746136	SNAR-H	0.129858	0.786026	0.939723	-1.06414	0.0996321	0.662117	-1.51031	0.203389	0.735841	-1.35899	0.464997	1.18518	1.18518	0.013757	0.498655	-2.00539	0.555601	1.14591	1.14591	0.0597409	0.61546	-1.6248	0.893101	0.969749	-1.03119	0.216218	0.742798	-1.34626	2.28034	1.88518	0.734853	1
cg02370222	BTBD9;BTBD9	0.12986	0.491821	0.77371	-1.29247	0.576876	1.23014	1.23014	0.928427	1.03356	1.03356	0.152161	0.569113	-1.75712	0.0276441	0.384103	-2.60347	0.74186	1.12915	1.12915	0.148307	1.7679	1.7679	0.291978	1.49448	1.49448	0.0649888	0.466995	-2.14135	2.28032	4.87668	1.90097	1
cg01126699	KIF26A	0.129866	0.863897	0.937439	-1.06674	0.541554	1.262	1.262	0.48594	1.30551	1.30551	0.807692	0.912264	-1.09617	0.844913	0.928908	-1.07653	0.311845	1.48285	1.48285	0.024235	0.363654	-2.74987	0.981568	0.991339	-1.00874	0.0181301	2.94617	2.94617	2.28028	5.12063	1.9961	1
cg24256772	FUT4	0.129867	0.383156	1.11434	1.11434	0.177824	0.840851	-1.18927	0.76387	1.03714	1.03714	0.65251	1.0564	1.0564	0.84018	1.02474	1.02474	0.277915	1.14635	1.14635	0.0206234	1.40143	1.40143	0.247983	1.15743	1.15743	0.0641869	0.77742	-1.28631	2.28027	0.529221	0.2063	1
cg08924343	CTSE;CTSE	0.129867	0.744681	0.850243	-1.17613	0.654083	0.799374	-1.25098	0.775995	0.86794	-1.15215	0.433577	0.672523	-1.48694	0.0146613	0.224967	-4.44509	0.140618	0.455248	-2.19661	0.0139833	0.221604	-4.51256	0.702946	0.826776	-1.20952	0.120357	0.433243	-2.30817	2.28027	8.90146	3.46994	1
cg23734137	NR2F2	0.129868	0.166175	3.01668	3.01668	0.210524	0.372806	-2.68236	0.213114	0.375112	-2.66587	0.358845	0.493825	-2.02501	0.0474361	5.4515	5.4515	0.830317	1.17408	1.17408	0.473034	0.579389	-1.72596	0.0444693	5.61747	5.61747	0.90049	1.09807	1.09807	2.28026	20.1969	7.87315	1
cg01219426	MAML2	0.129869	0.0295884	0.160792	-6.21921	0.229658	0.40683	-2.45803	0.361709	0.512228	-1.95225	0.250194	0.424267	-2.35701	0.0325691	0.167811	-5.95907	0.116176	0.295752	-3.38121	0.0347155	0.17264	-5.7924	0.655624	0.725949	-1.37751	0.0691555	0.234357	-4.26699	2.28025	18.3865	7.16744	1
cg03772856	TMEM97	0.129869	0.757401	1.02348	1.02348	0.0206766	1.23207	1.23207	0.222964	0.90854	-1.10067	0.0543634	1.17764	1.17764	0.0475038	1.18506	1.18506	0.844816	1.01479	1.01479	0.876821	1.01169	1.01169	0.508492	1.05152	1.05152	0.251648	1.09385	1.09385	2.28025	0.202605	0.0789795	1
cg14139669	PFDN6;WDR46;WDR46	0.129871	0.624896	0.848562	-1.17846	0.0384801	2.22343	2.22343	0.0866189	1.87902	1.87902	0.0505256	0.475837	-2.10156	0.892922	1.0459	1.0459	0.999233	0.99968	-1.00032	0.667264	0.865773	-1.15504	0.182885	0.624368	-1.60162	0.43621	1.30306	1.30306	2.28024	4.01073	1.56348	1
cg09936762	ZMIZ1	0.129874	0.44246	0.901313	-1.10949	0.0451192	0.737123	-1.35663	0.0452494	0.737298	-1.3563	0.988279	0.998053	-1.00195	0.0938487	0.783147	-1.2769	0.211431	1.19085	1.19085	0.198323	1.19766	1.19766	0.89065	0.981915	-1.01842	0.337391	0.877024	-1.14022	2.28021	0.635702	0.247814	1
cg16929012	BPHL;BPHL;BPHL;BPHL	0.129875	0.101183	0.519212	-1.92599	0.243312	0.6403	-1.56177	0.758053	1.11944	1.11944	0.143664	0.563412	-1.7749	0.00881641	0.295902	-3.3795	0.285849	0.667137	-1.49894	0.332642	0.694231	-1.44044	0.704621	0.870161	-1.14921	0.0489512	0.440002	-2.27271	2.28021	4.81557	1.87725	1
cg14170597	PEX14	0.129877	0.0212794	0.317473	-3.14987	0.564614	0.785567	-1.27297	0.0480363	0.391921	-2.55153	0.340342	0.665456	-1.50273	0.0754505	0.440305	-2.27115	0.064388	0.422635	-2.36611	0.53136	0.768901	-1.30056	0.606921	0.806468	-1.23997	0.0420771	0.378785	-2.64002	2.28019	6.20393	2.41849	1
cg24531977	C5orf35	0.129885	0.0404508	0.333205	-3.00115	0.455071	0.70236	-1.42377	0.0188718	0.266952	-3.74599	0.129152	0.467001	-2.14132	0.843988	0.912567	-1.09581	0.291502	0.60154	-1.6624	0.412294	0.677561	-1.47588	0.153916	2.03165	2.03165	0.435419	0.691067	-1.44704	2.28012	7.7869	3.03567	1
cg02614549	AFAP1;AFAP1	0.129889	0.140461	0.774929	-1.29044	0.0977449	1.33927	1.33927	0.100654	1.33529	1.33529	0.33771	0.853062	-1.17225	0.0757855	0.727757	-1.37408	0.920366	1.01621	1.01621	0.133145	1.29761	1.29761	0.460788	0.886264	-1.12833	0.633466	0.92566	-1.08031	2.28009	0.933694	0.363998	1
cg10133953	SLC18A1;SLC18A1;SLC18A1;SLC18A1	0.12989	0.311269	0.845503	-1.18273	0.150209	0.781078	-1.28028	0.155742	0.784025	-1.27547	0.0367853	0.678005	-1.47492	0.0127845	0.609287	-1.64126	0.401899	1.14733	1.14733	0.88155	0.976397	-1.02417	0.417464	0.87569	-1.14196	0.289759	0.838596	-1.19247	2.28008	0.926751	0.361294	1
cg05180856	FES;FES;FES;FES	0.129891	0.563852	1.22209	1.22209	0.22245	0.64357	-1.55383	0.834383	0.93056	-1.07462	0.322905	0.704	-1.42045	0.551982	1.22979	1.22979	0.0432535	2.2238	2.2238	0.0135374	2.85898	2.85898	0.825052	1.07907	1.07907	0.836641	0.931489	-1.07355	2.28007	4.26682	1.66342	1
cg14955916	DIP2C	0.129895	0.92883	1.03133	1.03133	0.0527407	2.13919	2.13919	0.627272	1.1841	1.1841	0.112382	0.550508	-1.8165	0.526395	1.24818	1.24818	0.457919	1.29828	1.29828	0.0242881	2.52757	2.52757	0.0915739	1.89948	1.89948	0.753411	0.89688	-1.11498	2.28005	4.30674	1.67901	1
cg11399527	PDP2;PDP2	0.129903	0.479538	0.874162	-1.14395	0.819396	0.958111	-1.04372	0.323312	0.826234	-1.21031	0.153804	0.75148	-1.33071	0.884044	1.02768	1.02768	0.417304	1.16777	1.16777	0.0389367	0.639375	-1.56403	0.0303461	1.61012	1.61012	0.432709	1.16161	1.16161	2.27998	1.2642	0.492871	1
cg13450057	HAUS3;POLN	0.129903	0.337586	0.821059	-1.21794	0.98773	1.00307	1.00307	0.208368	1.3028	1.3028	0.618026	0.904604	-1.10546	0.624237	0.906231	-1.10347	0.504352	1.14467	1.14467	0.00471086	0.472867	-2.11476	0.523224	0.878947	-1.13772	0.444562	0.856043	-1.16817	2.27998	1.4362	0.559929	1
cg05835276	NXPH4	0.129908	0.12172	4.42633	4.42633	0.0218575	11.4687	11.4687	0.0434447	7.83993	7.83993	0.0911322	5.20702	5.20702	0.41854	2.08126	2.08126	0.293961	2.62542	2.62542	0.049266	7.3155	7.3155	0.258475	2.84475	2.84475	0.0757677	5.76933	5.76933	2.27994	28.391	11.0689	1
cg16049349	C12orf29;C12orf29	0.12991	0.394183	0.663513	-1.50713	0.363874	1.55051	1.55051	0.572193	0.764702	-1.3077	0.222778	0.547625	-1.82607	0.894193	0.939371	-1.06454	?	?	?	0.249206	0.567749	-1.76134	0.0101998	4.58375	4.58375	0.956824	1.02577	1.02577	2.30073	7.15555	3.11012	1
cg01248426	ATP6V0D2;ATP6V0D2	0.129918	0.200233	0.586037	-1.70638	0.281444	0.642688	-1.55596	0.045091	0.403312	-2.47947	0.540094	0.782732	-1.27758	0.00982428	0.275555	-3.62904	0.0575098	0.428107	-2.33586	0.381707	0.701649	-1.42521	0.944158	0.972714	-1.02805	0.152415	0.545865	-1.83195	2.27985	5.63187	2.1958	1
cg27554551	VASN;CORO7	0.129919	0.305755	0.466256	-2.14475	0.404133	0.541055	-1.84824	0.920266	1.0747	1.0747	0.463321	0.584425	-1.71108	0.0478223	0.196304	-5.09413	0.3215	0.478569	-2.08956	0.00763435	0.0847652	-11.7973	0.0589586	0.215556	-4.63917	0.330643	0.485647	-2.05911	2.27985	18.6938	7.28851	1
cg05538406	LPCAT1	0.129919	0.948565	0.989088	-1.01103	0.248534	1.22771	1.22771	0.681073	1.07281	1.07281	0.0493824	1.46439	1.46439	0.121368	0.751537	-1.33061	0.329756	1.18656	1.18656	0.0255346	1.57037	1.57037	0.348457	0.848599	-1.17841	0.821511	0.962299	-1.03918	2.27985	1.04442	0.40721	1
cg16503724	PLCL2;PLCL2	0.12992	0.566155	0.775517	-1.28946	0.333143	1.54901	1.54901	0.317488	1.57297	1.57297	0.864611	0.92792	-1.07768	0.0446012	0.363906	-2.74797	0.833734	0.911973	-1.09652	0.977788	0.98787	-1.01228	0.01235	3.91785	3.91785	0.897652	0.94515	-1.05803	2.27984	6.93839	2.70521	1
cg05457563	APC2	0.129921	0.580239	1.15411	1.15411	0.202111	1.4128	1.4128	0.547845	1.16888	1.16888	0.698519	0.904959	-1.10502	0.497385	1.19337	1.19337	0.102963	1.58047	1.58047	0.00878644	2.35425	2.35425	0.0475936	1.78844	1.78844	0.710084	0.908635	-1.10055	2.27984	2.37719	0.926848	1
cg04553810	LUZP1;LUZP1	0.129923	0.0386802	5.15239	5.15239	0.394085	1.81789	1.81789	0.416336	0.566221	-1.76609	0.128445	3.08048	3.08048	0.0615225	0.236434	-4.22952	0.244489	0.434472	-2.30165	0.261489	0.448546	-2.22943	0.680203	1.32814	1.32814	0.987493	1.01079	1.01079	2.27981	16.9264	6.59953	1
cg24770985	CAV1	0.129926	0.0774105	12.8764	12.8764	0.267026	4.34525	4.34525	0.107791	9.66346	9.66346	0.798665	1.37739	1.37739	0.226946	0.198656	-5.03382	0.942802	0.914092	-1.09398	0.505111	0.427001	-2.34191	0.0153215	56.192	56.192	0.962588	1.06047	1.06047	2.5866	61.13	15.7555	1
cg27217748	EP400NL	0.129926	0.00948435	0.696897	-1.43493	0.457288	1.08672	1.08672	0.534475	1.07156	1.07156	0.279158	1.13159	1.13159	0.275297	1.13281	1.13281	0.388466	1.10198	1.10198	0.189754	0.858473	-1.16486	0.632142	0.948389	-1.05442	0.771189	1.03256	1.03256	2.27979	0.435857	0.16994	1
cg13598317	GPSM1	0.129927	0.259937	0.630588	-1.58582	0.22858	1.64187	1.64187	0.1277	1.90836	1.90836	0.317165	1.50042	1.50042	0.0145797	0.307139	-3.25585	0.293783	1.53312	1.53312	0.626854	0.825109	-1.21196	0.75833	0.88595	-1.12873	0.892223	1.05463	1.05463	2.27979	5.55921	2.16754	1
cg04583075	TRPM8	0.129929	0.325727	0.615933	-1.62355	0.10241	0.425885	-2.34805	0.0956493	0.417213	-2.39686	0.52534	1.35985	1.35985	0.0216798	0.268089	-3.73011	0.749644	0.858215	-1.16521	0.77386	1.1475	1.1475	0.138345	2.14255	2.14255	0.621169	1.26859	1.26859	2.27977	8.23532	3.21098	1
cg18703003	MTHFD1	0.129929	0.187864	0.654842	-1.52709	0.955155	1.01721	1.01721	0.676369	1.13581	1.13581	0.0157601	0.407575	-2.45354	0.133536	0.612059	-1.63383	0.0345394	0.473424	-2.11227	0.844535	0.94218	-1.06137	0.663757	1.1419	1.1419	0.553489	1.19942	1.19942	2.27977	3.32277	1.29556	1
cg20133901	RAD54L2	0.129934	0.530461	1.37829	1.37829	0.526306	1.38289	1.38289	0.897461	0.936978	-1.06726	0.158558	2.14031	2.14031	0.422401	1.51248	1.51248	0.0199922	4.12696	4.12696	0.0743369	2.72895	2.72895	0.0149954	4.526	4.526	0.25819	1.81427	1.81427	2.27972	9.20399	3.58873	1
cg00305071	CSMD2	0.129942	0.103314	0.620905	-1.61055	0.96355	0.987851	-1.0123	0.0704183	0.582236	-1.71752	0.687741	1.11413	1.11413	0.103878	0.621477	-1.60907	0.891288	0.964084	-1.03725	0.11932	0.636275	-1.57165	0.126208	1.55665	1.55665	0.180732	1.46249	1.46249	2.27966	2.58308	1.0072	1
cg24579534	SRRM3	0.129943	0.890065	1.02957	1.02957	0.427864	1.18595	1.18595	0.823476	1.0482	1.0482	0.471037	1.16705	1.16705	0.0240852	0.567335	-1.76263	0.704489	0.922858	-1.08359	0.023321	0.564919	-1.77017	0.211664	1.31945	1.31945	0.80155	0.948323	-1.05449	2.27965	1.60264	0.624907	1
cg19237607	BLCAP;BLCAP;BLCAP;BLCAP	0.129944	0.195714	0.756114	-1.32255	0.183856	0.749722	-1.33383	0.687073	0.920593	-1.08626	0.339888	1.22258	1.22258	0.972239	1.00714	1.00714	0.271031	0.791262	-1.2638	0.542343	1.13429	1.13429	0.0263272	1.713	1.713	0.0751994	1.49896	1.49896	2.27965	1.5071	0.587655	1
cg03376712	INTU;INTU	0.129949	0.163442	0.307371	-3.2534	0.267268	0.399845	-2.50097	0.175126	0.318621	-3.13852	0.265786	0.398615	-2.50869	0.197475	0.339406	-2.94632	0.214018	0.354269	-2.82272	0.0184412	0.103578	-9.65452	0.0274648	0.126369	-7.91331	0.0402194	0.152591	-6.55346	2.27961	22.7132	8.85658	1
cg24448013	GALE;GALE;GALE	0.12995	0.080901	0.618797	-1.61604	0.219628	1.37727	1.37727	0.0898333	0.628954	-1.58994	0.272575	1.32736	1.32736	0.0939206	0.633332	-1.57895	0.301128	1.30433	1.30433	0.129055	0.66581	-1.50193	0.938219	1.01941	1.01941	0.296768	0.7647	-1.3077	2.2796	2.22031	0.865771	1
cg16026862	TRIM60	0.129951	0.62705	1.09912	1.09912	0.0540195	1.52521	1.52521	0.591669	0.90076	-1.11017	0.539735	1.1273	1.1273	0.361421	1.19851	1.19851	0.727976	1.06972	1.06972	0.00546913	2.02425	2.02425	0.870561	0.969014	-1.03198	0.2352	1.27143	1.27143	2.27959	1.34504	0.524477	1
cg06102419	LOC151174;LOC643387;LOC151174	0.129953	0.0582434	8.82236	8.82236	0.0270875	14.3231	14.3231	0.0869618	6.84089	6.84089	0.511165	1.96981	1.96981	0.0899427	6.69523	6.69523	0.140207	5.02465	5.02465	0.0311705	13.1003	13.1003	0.913593	1.11675	1.11675	0.318146	2.85667	2.85667	2.27957	37.3628	14.5691	1
cg14319378	C9orf119	0.129954	0.0728226	0.710227	-1.408	0.195416	0.791257	-1.26381	0.0712088	0.708531	-1.41137	0.0782221	0.715671	-1.39729	0.704391	0.936905	-1.06734	0.451323	0.877028	-1.14021	0.0333958	0.65374	-1.52966	0.0456209	0.675781	-1.47977	0.05752	0.692618	-1.4438	2.27957	1.05547	0.411567	1
cg24045369	KCTD1;KCTD1;KCTD1;KCTD1	0.129955	0.00556947	0.27827	-3.59363	0.744275	0.891379	-1.12186	0.700828	1.14524	1.14524	0.666143	0.85857	-1.16473	0.29162	0.680855	-1.46874	0.0843426	0.511317	-1.95574	0.190032	0.61411	-1.62837	0.288237	0.678876	-1.47302	0.649033	1.17464	1.17464	2.27956	4.45544	1.73735	1
cg23966123	MTA1	0.129961	0.717204	1.11223	1.11223	0.261892	1.40794	1.40794	0.112716	1.65684	1.65684	0.0438527	1.96883	1.96883	0.247393	1.42429	1.42429	0.463345	1.24395	1.24395	0.0401936	2.00024	2.00024	0.0137259	2.43778	2.43778	0.935561	1.02393	1.02393	2.27951	3.08746	1.20395	1
cg16710109	MMAB;MMAB;MVK;MVK	0.129963	0.200571	1.67142	1.67142	0.339494	1.45362	1.45362	0.230799	1.61224	1.61224	0.668459	1.17785	1.17785	0.0236308	0.358177	-2.79191	0.916434	0.960906	-1.04068	0.048322	0.424317	-2.35673	0.515481	0.77837	-1.28474	0.805281	1.09839	1.09839	2.27949	5.21188	2.03237	1
cg23682543	SMARCD2;SMARCD2	0.129964	0.767199	0.868405	-1.15154	0.930664	0.959499	-1.04221	0.959729	1.02428	1.02428	0.213851	0.534329	-1.87151	0.00445192	0.151174	-6.6149	0.911846	0.948744	-1.05402	?	?	?	0.364604	0.64119	-1.5596	0.779237	1.14288	1.14288	2.42627	7.54668	2.72161	1
cg13391381	LOC158376	0.129966	0.529396	0.679311	-1.47208	0.0858293	3.16495	3.16495	0.275921	1.98939	1.98939	0.772573	1.19228	1.19228	0.0156838	0.165725	-6.03409	0.189743	2.32318	2.32318	0.605046	1.37247	1.37247	0.624395	0.741201	-1.34916	0.396489	0.590403	-1.69376	2.27947	13.2965	5.18503	1
cg27633096	CNOT8	0.129969	0.437149	0.815002	-1.22699	0.576761	0.864575	-1.15664	0.112909	0.640625	-1.56098	0.64357	1.12778	1.12778	0.00438363	0.374578	-2.66967	0.765978	0.925859	-1.08008	0.854205	1.04862	1.04862	0.638766	1.12978	1.12978	0.28323	0.749953	-1.33342	2.27945	2.40454	0.937669	1
cg12252443	HSPD1;HSPD1;HSPD1;HSPE1	0.129974	0.013181	2.92615	2.92615	0.235849	0.647902	-1.54344	0.789282	1.0981	1.0981	0.550894	1.23469	1.23469	0.984078	0.993052	-1.007	?	?	?	0.12261	0.557385	-1.79409	0.220026	1.56917	1.56917	0.929881	1.03123	1.03123	2.3002	3.95272	1.71842	1
cg04029715	RPL38;RPL38	0.129974	0.962059	0.986671	-1.01351	0.244819	0.709516	-1.40941	0.618155	1.15229	1.15229	0.160703	0.655307	-1.526	0.00601517	0.363337	-2.75226	0.655563	1.135	1.135	0.112058	0.613814	-1.62916	0.814367	1.06859	1.06859	0.567532	0.849596	-1.17703	2.2794	2.87233	1.12011	1
cg06230805	AGPAT3;AGPAT3	0.129976	0.0852216	3.6588	3.6588	0.332604	1.97648	1.97648	0.974666	0.978586	-1.02188	0.155182	2.82053	2.82053	0.103215	3.37017	3.37017	0.154214	2.82836	2.82836	0.0145035	7.79122	7.79122	0.0490985	4.62398	4.62398	0.136986	2.98007	2.98007	2.27939	16.7745	6.54151	1
cg17634912	NR2C2	0.129978	0.492418	0.89531	-1.11693	0.566462	0.912184	-1.09627	0.147634	1.27943	1.27943	0.0595214	0.713665	-1.40122	0.941137	1.01178	1.01178	0.0481639	0.698933	-1.43075	0.0267289	0.659442	-1.51643	0.372476	0.864823	-1.15631	0.937081	0.987556	-1.0126	2.27937	0.908238	0.354186	1
cg00212520	LYZL4	0.129978	0.990276	1.00733	1.00733	0.922956	0.943699	-1.05966	0.00966014	0.140612	-7.11177	0.781148	0.846334	-1.18157	0.0165394	0.17309	-5.77733	0.797176	1.16682	1.16682	0.993808	0.995362	-1.00466	0.327777	0.545999	-1.83151	0.545014	0.692838	-1.44334	2.27937	12.955	5.05206	1
cg09657431	CDC6	0.129981	0.879907	1.05976	1.05976	0.0053838	0.244944	-4.08256	0.194464	0.590406	-1.69375	0.302964	1.50627	1.50627	0.133315	0.537041	-1.86205	0.720784	0.871291	-1.14772	0.97486	1.01217	1.01217	0.892293	0.94932	-1.05339	0.959216	1.01983	1.01983	2.27935	5.32047	2.07485	1
cg03764062	FKBP2;FKBP2;FKBP2	0.129983	0.00739842	0.352089	-2.84019	0.174968	0.646356	-1.54713	0.392962	0.767414	-1.30308	0.636086	0.865722	-1.15511	0.129882	0.609607	-1.6404	0.141614	0.619954	-1.61302	0.164577	0.638544	-1.56606	0.122538	0.602777	-1.65899	0.0700831	0.541928	-1.84527	2.27933	3.30357	1.28832	1
cg16893864	LOC554203	0.129987	0.212963	1.49947	1.49947	0.0141337	0.392458	-2.54804	0.107166	0.580911	-1.72143	0.233826	0.680108	-1.47036	0.979362	0.992042	-1.00802	0.0724913	0.538497	-1.85702	0.381499	0.757883	-1.31946	0.424479	0.777303	-1.2865	0.801559	1.08089	1.08089	2.2793	3.44365	1.34296	1
cg14202825	DGKH;DGKH	0.129987	0.00581206	0.447968	-2.2323	0.63213	1.11318	1.11318	0.454727	0.844282	-1.18444	0.162886	0.718114	-1.39254	0.576484	1.13364	1.13364	0.95638	0.987914	-1.01223	0.337282	0.802589	-1.24597	0.627949	1.11467	1.11467	0.374683	1.22452	1.22452	2.2793	1.78388	0.695683	1
cg08276542	U2AF1;U2AF1;U2AF1	0.129988	0.0905585	0.421411	-2.37298	0.418811	0.681933	-1.46642	0.613565	0.789802	-1.26614	0.633156	0.800253	-1.2496	0.0506354	0.356258	-2.80695	0.176132	0.513512	-1.94737	0.0115823	0.23159	-4.31797	0.399063	1.49193	1.49193	0.238517	0.564344	-1.77197	2.27929	7.75191	3.02313	1
cg03368930	FAM120B	0.129992	0.907027	1.02824	1.02824	0.0364211	0.560105	-1.78538	0.0311895	0.547357	-1.82696	0.384462	0.808532	-1.23681	0.426321	0.823986	-1.21361	0.381263	0.807314	-1.23868	0.724618	0.919152	-1.08796	0.112306	1.50993	1.50993	0.319412	1.27793	1.27793	2.27926	2.05065	0.799731	1
cg10608731	PBX2	0.129993	0.068664	0.491772	-2.03346	0.823672	1.08083	1.08083	0.325078	0.701938	-1.42463	0.147962	0.582422	-1.71697	0.0186564	0.370443	-2.69947	0.160476	0.593232	-1.68568	0.0517329	0.462528	-2.16203	0.863558	0.941855	-1.06173	0.0752037	0.501587	-1.99367	2.27926	4.37855	1.70759	1
cg02406096	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.129994	0.64193	0.887537	-1.12671	0.304473	0.762668	-1.31119	0.159417	0.681763	-1.46678	0.118331	0.649216	-1.54032	0.284695	0.753429	-1.32726	0.888048	1.03654	1.03654	0.0118777	2.22565	2.22565	0.593784	0.871837	-1.147	0.958246	0.98675	-1.01343	2.27924	2.34297	0.913742	1
cg04403115	SUCLA2	0.129998	0.790294	0.96231	-1.03917	0.21498	1.20701	1.20701	0.264346	0.845609	-1.18258	0.959937	1.00727	1.00727	0.504981	1.10242	1.10242	0.311238	1.16301	1.16301	0.0954155	0.767926	-1.30221	0.0202915	0.66808	-1.49683	0.22394	1.20221	1.20221	2.27921	0.750026	0.292509	1
cg26254667	TNFRSF1A	0.129999	0.977818	1.00847	1.00847	0.738616	0.903348	-1.10699	0.947505	0.980213	-1.02019	0.93276	0.974712	-1.02594	0.00330711	0.296875	-3.36842	0.341098	0.742478	-1.34684	0.294127	1.39137	1.39137	0.865071	1.05298	1.05298	0.990322	1.00369	1.00369	2.2792	3.32561	1.29699	1
cg01133413	PAGE5;PAGE5	0.130001	0.653773	1.1434	1.1434	0.112295	0.598594	-1.67058	0.0865609	1.75401	1.75401	0.701551	0.891999	-1.12108	0.0309964	0.471588	-2.1205	0.798987	1.07868	1.07868	0.313322	1.36279	1.36279	0.104488	0.590534	-1.69338	0.807443	1.07517	1.07517	2.27919	3.18011	1.24025	1
cg01744215	USP7	0.130001	0.271735	1.59942	1.59942	0.0165876	0.300866	-3.32374	0.651893	1.20492	1.20492	0.808616	0.905191	-1.10474	0.135072	1.93725	1.93725	?	?	?	0.735116	0.869886	-1.14958	0.205891	1.72935	1.72935	0.291761	1.5668	1.5668	2.29998	5.45587	2.37213	1
cg04511195	FZR1;FZR1;FZR1	0.130003	0.692695	0.907302	-1.10217	0.0487584	1.73535	1.73535	0.556241	1.15692	1.15692	0.885666	0.965377	-1.03586	0.03415	0.54585	-1.83201	0.554745	0.863879	-1.15757	0.0559195	1.69955	1.69955	0.583317	0.873128	-1.14531	0.596337	0.87729	-1.13987	2.27918	2.16509	0.844394	1
cg14601284	PLXDC1	0.130005	0.0337756	0.503353	-1.98668	0.150751	0.652812	-1.53184	0.170616	0.667587	-1.49793	0.837117	1.05866	1.05866	0.602883	0.864716	-1.15645	0.122743	1.58899	1.58899	0.28058	0.73301	-1.36424	0.183763	0.676702	-1.47776	0.194179	1.46284	1.46284	2.27916	2.76819	1.07962	1
cg20272918	C3orf75	0.130006	0.712328	0.951407	-1.05107	0.18634	1.20735	1.20735	0.235509	1.18201	1.18201	0.545294	1.08582	1.08582	0.160178	0.817243	-1.22363	0.116175	0.794822	-1.25814	0.0322615	0.71373	-1.40109	0.317883	1.14896	1.14896	0.370558	1.13164	1.13164	2.27915	0.652991	0.254673	1
cg01250046	MRPL17	0.130011	0.646981	1.04871	1.04871	0.301101	0.895376	-1.11685	0.501719	0.932089	-1.07286	0.699866	0.960833	-1.04076	0.0117193	1.38376	1.38376	0.746013	0.967034	-1.03409	0.0767785	0.816273	-1.22508	0.625246	0.950495	-1.05208	0.285365	1.12126	1.12126	2.27911	0.384013	0.149771	1
cg14863265	GNA12	0.130011	0.788247	1.22261	1.22261	0.00373849	18.5973	18.5973	0.0602135	4.86689	4.86689	0.779816	1.23273	1.23273	0.847318	0.865964	-1.15478	0.850657	1.1511	1.1511	0.677868	1.36596	1.36596	0.871941	1.12799	1.12799	0.938195	1.05961	1.05961	2.27911	20.1193	7.84685	1
cg19667731	CCL25	0.130015	0.893363	1.02218	1.02218	0.185418	0.794759	-1.25824	0.195449	1.25105	1.25105	0.23889	1.22357	1.22357	0.142439	1.29424	1.29424	0.92151	1.01625	1.01625	0.0084246	1.73396	1.73396	0.871336	0.973833	-1.02687	0.787329	0.95673	-1.04523	2.27907	0.965905	0.376724	1
cg04011754	GTF3C1	0.130018	0.754927	1.05182	1.05182	0.0343742	1.48915	1.48915	0.419604	0.875414	-1.14232	0.225734	1.22785	1.22785	0.828893	1.03554	1.03554	0.56542	0.910504	-1.09829	0.0206523	1.56784	1.56784	0.0685386	1.38958	1.38958	0.546558	1.10346	1.10346	2.27905	0.939713	0.366513	1
cg26570040	PTOV1	0.130019	0.631744	1.1451	1.1451	0.333245	0.755742	-1.3232	0.418491	0.792971	-1.26108	0.315859	1.33774	1.33774	0.977439	0.992097	-1.00797	0.640408	1.14112	1.14112	0.169801	1.5073	1.5073	0.00768467	2.61473	2.61473	0.126158	1.59091	1.59091	2.27904	2.84183	1.10839	1
cg26971411	SPTBN4	0.130019	0.0219075	0.692036	-1.44501	0.548766	1.08461	1.08461	0.113036	1.25972	1.25972	0.176505	0.825022	-1.21209	0.532979	0.918941	-1.08821	0.837218	0.972836	-1.02792	0.0748751	1.30418	1.30418	0.956798	1.00728	1.00728	0.859677	0.97659	-1.02397	2.27904	0.64683	0.252281	1
cg18389827	ITPK1;ITPK1;ITPK1	0.130019	0.110947	0.42503	-2.35277	0.877237	0.926668	-1.07914	0.198109	1.95453	1.95453	0.375255	1.56573	1.56573	0.208693	0.520508	-1.9212	0.323142	1.65333	1.65333	0.0249914	3.72115	3.72115	0.254836	0.556689	-1.79634	0.447242	1.46469	1.46469	2.27904	8.76156	3.41725	1
cg01739327	EED;EED	0.130021	0.186956	0.70227	-1.42395	0.0594951	1.71164	1.71164	0.0327355	1.87999	1.87999	0.58417	1.14987	1.14987	0.579174	0.868013	-1.15206	0.190807	0.704678	-1.41909	0.297143	0.761008	-1.31405	0.578318	0.86773	-1.15243	0.428736	1.22646	1.22646	2.27903	2.30442	0.898792	1
cg05501766	SAP18	0.130022	0.784487	1.07781	1.07781	0.298302	1.34272	1.34272	0.780267	0.926404	-1.07944	0.457566	1.22972	1.22972	0.0828891	0.591613	-1.69029	0.549086	1.18023	1.18023	0.014517	0.439074	-2.27752	0.47586	1.21918	1.21918	0.201879	1.44536	1.44536	2.27902	2.6969	1.05187	1
cg03671123	SCAPER	0.130024	0.672075	1.09891	1.09891	0.71195	0.92113	-1.08562	0.0122504	0.50097	-1.99613	0.498003	1.16462	1.16462	0.38986	0.822681	-1.21554	0.141583	1.41925	1.41925	0.198178	1.35155	1.35155	0.888962	1.03143	1.03143	0.203975	0.743061	-1.34578	2.279	1.77113	0.6908	1
cg22261640	SLC45A4	0.130025	0.142312	0.571212	-1.75066	0.0770113	0.497528	-2.00994	0.0238458	0.383902	-2.60483	0.775448	1.10687	1.10687	0.0152592	0.34724	-2.87986	0.470098	0.770364	-1.29809	0.792826	0.910782	-1.09796	0.322049	0.695452	-1.43791	0.306988	0.686967	-1.45567	2.27899	4.54965	1.77453	1
cg06767187	IQCE;IQCE	0.130026	0.244213	0.766933	-1.30389	0.384314	0.823424	-1.21444	0.92443	0.979548	-1.02088	0.292186	0.788178	-1.26875	0.0119495	0.505036	-1.98006	0.11531	0.688733	-1.45194	0.143988	1.40761	1.40761	0.481112	1.1688	1.1688	0.97531	1.00676	1.00676	2.27899	1.71225	0.667842	1
cg27476810	RB1CC1;RB1CC1	0.130026	0.694258	0.916783	-1.09077	0.482135	1.17013	1.17013	0.0194042	1.86195	1.86195	0.732758	0.927391	-1.07829	0.464449	0.848956	-1.17792	0.163755	0.721205	-1.38657	0.684763	0.914147	-1.09392	0.0568493	0.622496	-1.60644	0.23085	0.758487	-1.31841	2.27898	1.74581	0.680931	1
cg21199931	CTU1	0.130027	0.360564	0.910928	-1.09778	0.959829	1.00501	1.00501	0.877964	1.01537	1.01537	0.475277	1.07472	1.07472	0.0690275	1.22377	1.22377	0.0182003	0.752341	-1.32918	0.169856	0.864919	-1.15618	0.58259	0.946398	-1.05664	0.279084	1.11817	1.11817	2.27898	0.355571	0.138686	1
cg22376827	MSL2;MSL2	0.130028	0.97054	0.992126	-1.00794	0.165756	1.37217	1.37217	0.0466054	1.62865	1.62865	0.607044	0.894903	-1.11744	0.376311	0.823381	-1.2145	0.0388305	0.599284	-1.66866	0.0962042	0.676374	-1.47847	0.748588	0.933486	-1.07125	0.845401	0.959075	-1.04267	2.27897	1.65368	0.645	1
cg17853587	NDST3	0.130028	0.51884	1.21753	1.21753	0.249515	0.696147	-1.43648	0.547542	0.83263	-1.20101	0.0201033	0.430034	-2.3254	0.931605	1.02617	1.02617	0.616666	1.16403	1.16403	0.651516	1.14664	1.14664	0.162964	1.56547	1.56547	0.0584106	1.90328	1.90328	2.27897	3.26903	1.27505	1
cg14479617	GSK3B;GSK3B	0.130031	0.925184	1.03988	1.03988	0.161578	0.536708	-1.86321	0.0686556	0.428099	-2.33591	0.958272	0.978454	-1.02202	0.0198365	0.310099	-3.22478	0.513111	0.758726	-1.318	0.165228	1.85191	1.85191	0.245715	1.6577	1.6577	0.816837	0.907933	-1.1014	2.27895	6.25523	2.43981	1
cg20857767	NCAM1;NCAM1	0.130031	0.208253	0.529149	-1.88983	0.00617151	0.18021	-5.54909	0.334501	0.620328	-1.61205	0.553636	0.750173	-1.33303	0.0552943	0.35265	-2.83567	0.248346	0.560497	-1.78413	0.152063	0.478974	-2.08779	0.945512	1.03333	1.03333	0.188225	0.512267	-1.95211	2.27894	8.30711	3.24014	1
cg11196544	DNAH10	0.130033	0.052103	0.252904	-3.95406	0.624541	1.35922	1.35922	0.740936	0.813479	-1.22929	0.831022	0.875499	-1.14221	0.0417002	0.232052	-4.30938	0.0949082	3.13276	3.13276	0.0717302	0.286211	-3.49392	0.933761	1.05308	1.05308	0.354843	0.553093	-1.80802	2.27893	13.9729	5.45009	1
cg11525552	ART3	0.130033	0.176659	0.70169	-1.42513	0.320238	1.28831	1.28831	0.15134	1.46115	1.46115	0.374139	0.798504	-1.25234	0.0172863	0.489074	-2.04468	0.967427	1.01012	1.01012	0.351453	1.26684	1.26684	0.555743	0.863305	-1.15834	0.171677	0.698438	-1.43177	2.27893	2.19586	0.856487	1
cg04462561	SPATA13;SPATA13	0.130034	0.176311	0.504536	-1.98202	0.114845	0.442204	-2.2614	0.336041	0.623714	-1.6033	0.572987	1.31133	1.31133	0.0702367	0.381717	-2.61975	0.181762	0.509387	-1.96314	0.205646	0.529728	-1.88776	0.0718673	2.60197	2.60197	0.394093	1.51499	1.51499	2.27892	8.17385	3.18819	1
cg26768067	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.130037	0.98131	0.992693	-1.00736	0.50437	0.808875	-1.23629	0.501726	0.807778	-1.23796	0.024503	2.31384	2.31384	0.307238	1.39225	1.39225	0.0308579	2.21164	2.21164	0.571403	1.19611	1.19611	0.0779495	1.84643	1.84643	0.204913	1.5201	1.5201	2.2789	3.53791	1.37997	1
cg19141448	SEMA5B	0.130039	0.825529	1.09181	1.09181	0.92001	1.04077	1.04077	0.18106	0.568391	-1.75935	0.475823	0.749413	-1.33438	0.150428	1.84639	1.84639	0.174751	1.77581	1.77581	0.0122126	3.46325	3.46325	0.211963	1.68724	1.68724	0.621441	0.820345	-1.219	2.27889	5.71272	2.22827	1
cg13094699	SLC35B4	0.130047	0.42579	0.833973	-1.19908	0.77993	0.939383	-1.06453	0.30107	1.27024	1.27024	0.235002	0.757392	-1.32032	0.118545	1.45977	1.45977	0.0898594	0.658766	-1.51799	0.0270927	0.557599	-1.7934	0.546434	0.872619	-1.14598	0.320385	1.25761	1.25761	2.27882	1.79869	0.701608	1
cg01819707	CROCC	0.130049	0.0892661	0.748807	-1.33546	0.163661	0.794951	-1.25794	0.892206	0.979286	-1.02115	0.316226	0.852174	-1.17347	0.0504254	0.708766	-1.4109	0.297479	1.18145	1.18145	0.627781	0.927348	-1.07834	0.0396291	0.692582	-1.44387	0.245303	1.20636	1.20636	2.2788	0.860127	0.335509	1
cg07820842	PET112L	0.13005	0.172702	0.887394	-1.12689	0.0683333	1.18295	1.18295	0.787191	0.977971	-1.02253	0.181601	0.889819	-1.12382	0.569178	1.0485	1.0485	0.505257	0.945867	-1.05723	0.0152567	0.782494	-1.27796	0.798057	1.02133	1.02133	0.526537	0.948545	-1.05425	2.27879	0.244588	0.0954067	1
cg16261114	LOC145814	0.130053	0.16156	0.726211	-1.37701	0.840156	0.957703	-1.04417	0.0675439	0.64513	-1.55007	0.0329784	0.586449	-1.70518	0.381308	1.21187	1.21187	0.863158	0.963755	-1.03761	0.0993298	1.47199	1.47199	0.753754	0.934874	-1.06966	0.171589	0.732371	-1.36543	2.27877	1.65285	0.644732	1
cg07386008	SIPA1L2	0.130054	0.120658	0.477964	-2.09221	0.200793	1.80869	1.80869	0.979345	0.98871	-1.01142	0.379827	0.673605	-1.48455	0.00817019	0.226607	-4.41294	0.348755	0.655033	-1.52664	0.21514	0.564259	-1.77224	0.498004	0.739548	-1.35218	0.21347	0.562958	-1.77633	2.27876	6.94194	2.70788	1
cg27591117	PLCB1;PLCB1	0.130055	0.778994	1.05043	1.05043	0.667258	1.07857	1.07857	0.814056	1.04206	1.04206	0.221064	0.798556	-1.25226	0.332763	1.19091	1.19091	0.196562	0.787593	-1.26969	0.00530762	0.525996	-1.90116	0.492458	0.885231	-1.12965	0.907219	0.979818	-1.0206	2.27875	1.10362	0.430498	1
cg00657871	SSX2IP;SSX2IP;SSX2IP;SSX2IP;SSX2IP	0.130057	0.584671	0.944748	-1.05848	0.110609	0.836083	-1.19605	0.121318	0.84116	-1.18883	0.169969	1.16244	1.16244	0.0635087	1.23968	1.23968	0.0962315	1.20694	1.20694	0.862248	0.982275	-1.01804	0.252265	1.13106	1.13106	0.516348	1.07011	1.07011	2.27874	0.382701	0.149284	1
cg04578397	MT1L	0.130058	0.015886	0.21474	-4.6568	0.28302	0.559351	-1.78779	0.17166	0.468646	-2.13381	0.765325	0.855634	-1.16872	0.0507791	0.313766	-3.18709	0.59402	0.755625	-1.32341	0.0934736	0.382556	-2.61399	0.247155	1.87808	1.87808	0.439456	0.663198	-1.50785	2.27873	9.79025	3.81899	1
cg22641280	TOX	0.130059	0.119709	0.520903	-1.91974	0.0324797	0.38021	-2.63013	0.138514	0.540064	-1.85163	0.421277	1.37352	1.37352	0.152133	0.552871	-1.80874	0.290068	0.654302	-1.52835	0.131013	0.532647	-1.87742	0.0841902	0.478039	-2.09188	0.355598	1.44353	1.44353	2.27872	5.38593	2.10095	1
cg17956530	RPTOR;RPTOR	0.130062	0.707056	1.12189	1.12189	0.121987	1.66635	1.66635	0.175003	1.55182	1.55182	0.127266	1.65266	1.65266	0.0281853	0.454053	-2.20239	0.467544	1.25256	1.25256	0.899336	0.96218	-1.03931	0.67749	0.880374	-1.13588	0.0982894	1.73737	1.73737	2.2787	3.34917	1.30646	1
cg20124450	ATP10A	0.130065	0.044172	2.93689	2.93689	0.457438	1.42278	1.42278	0.517439	1.35772	1.35772	0.933671	1.03955	1.03955	0.207987	1.85637	1.85637	0.352944	1.5611	1.5611	0.054278	2.76693	2.76693	0.0124045	4.26422	4.26422	0.0827289	2.44827	2.44827	2.27867	7.83629	3.05686	1
cg19705197	PFKFB3;PFKFB3	0.13007	0.255768	1.2516	1.2516	0.28233	0.809502	-1.23533	0.133647	1.35802	1.35802	0.078933	1.44635	1.44635	0.916665	1.02	1.02	0.633191	1.09522	1.09522	0.0738405	1.45779	1.45779	0.042524	1.55554	1.55554	0.234047	0.789791	-1.26616	2.27863	1.29139	0.503768	1
cg20890260	LZTS1	0.130071	0.20013	2.32671	2.32671	0.923424	1.06182	1.06182	0.297317	0.509587	-1.96237	0.195123	2.35141	2.35141	0.13528	2.7306	2.7306	0.187877	2.38866	2.38866	0.260401	2.08015	2.08015	0.00944618	7.78675	7.78675	0.185468	2.40146	2.40146	2.27863	14.0495	5.48067	1
cg26220259	B4GALT2;B4GALT2	0.130071	0.961943	1.00881	1.00881	0.0437076	0.653058	-1.53126	0.0972603	1.39716	1.39716	0.30313	1.21655	1.21655	0.24346	1.25143	1.25143	0.706292	1.07205	1.07205	0.186088	0.772885	-1.29385	0.262627	0.806834	-1.23941	0.123939	0.736255	-1.35823	2.27863	1.21877	0.475442	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27007358	SP4;SP4	0.130072	0.791628	1.03958	1.03958	0.00986879	1.61292	1.61292	0.144431	1.2584	1.2584	0.0672127	1.35082	1.35082	0.881281	0.978329	-1.02215	0.326365	0.861953	-1.16016	0.477075	0.899436	-1.11181	0.817231	1.03452	1.03452	0.504622	1.10436	1.10436	2.27862	0.775636	0.302575	1
cg17501792	GON4L;GON4L	0.130074	?	?	?	?	?	?	0.0395325	40.2707	40.2707	?	?	?	?	?	?	?	?	?	0.365718	3.07443	3.07443	?	?	?	0.228329	4.92653	4.92653	4.32547	24.1147	5.57505	1
cg19535032	KIF5B	0.130075	0.261609	1.15249	1.15249	0.980463	0.997036	-1.00297	0.607687	1.06479	1.06479	0.217991	0.854618	-1.17011	0.116485	0.8132	-1.22971	0.0464406	1.31853	1.31853	0.602648	1.06575	1.06575	0.0444345	0.755902	-1.32292	0.518731	0.923755	-1.08254	2.2786	0.530389	0.206907	1
cg18554986	CPNE3	0.130076	0.977526	0.9946	-1.00543	0.0820695	1.44821	1.44821	0.454988	1.15753	1.15753	0.730017	1.06886	1.06886	0.285114	1.23791	1.23791	0.362844	1.19695	1.19695	0.00934784	0.530657	-1.88446	0.619852	1.1009	1.1009	0.940999	1.01433	1.01433	2.27858	1.3335	0.520205	1
cg00095396	JPH3	0.130084	0.475124	0.879221	-1.13737	0.201742	1.26988	1.26988	0.542942	0.896602	-1.11532	0.488681	1.13278	1.13278	0.609048	1.09573	1.09573	0.0684012	0.696555	-1.43564	0.579487	1.10429	1.10429	0.0532048	1.47594	1.47594	0.0588171	0.685056	-1.45974	2.27852	1.13358	0.442228	1
cg11027140	GPR144	0.130084	0.194042	0.818716	-1.22142	0.201716	0.821811	-1.21682	0.810756	1.03554	1.03554	0.242914	0.83704	-1.19469	0.32807	0.863335	-1.1583	0.0659982	1.35018	1.35018	0.281301	0.849588	-1.17704	0.0371747	0.703169	-1.42213	0.299573	1.16941	1.16941	2.27852	0.764685	0.298316	1
cg23637705	C17orf61	0.130088	?	?	?	0.0652948	3.08755	3.08755	0.0388664	3.68026	3.68026	0.705393	0.813075	-1.2299	0.0894629	0.360534	-2.77366	0.711993	1.22389	1.22389	0.912604	0.941937	-1.06164	0.297374	1.80147	1.80147	0.178607	2.17839	2.17839	2.29927	9.60865	4.179	1
cg09290614	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.130088	0.182629	0.670555	-1.4913	0.517382	0.830712	-1.20379	0.655605	1.13524	1.13524	0.441807	0.801218	-1.2481	0.350615	0.762255	-1.3119	0.431165	0.796891	-1.25488	0.161854	1.52514	1.52514	0.222397	1.4367	1.4367	0.0156383	2.31044	2.31044	2.27849	2.88146	1.12412	1
cg15350899	BCL9L	0.130091	0.0364142	0.515408	-1.94021	0.0962896	0.607938	-1.64491	0.0452494	0.534723	-1.87013	0.610615	1.15022	1.15022	0.51723	0.836154	-1.19595	0.40479	1.2615	1.2615	0.041613	0.527194	-1.89683	0.446766	0.809501	-1.23533	0.558591	0.851114	-1.17493	2.27847	2.68012	1.04558	1
cg04383436	FAM100A	0.130092	0.895572	0.960585	-1.04103	0.0370245	2.09922	2.09922	0.251653	0.693	-1.443	0.505036	0.81292	-1.23013	0.0686311	0.535732	-1.86661	0.595276	1.17842	1.17842	0.102346	1.72879	1.72879	0.191869	1.52661	1.52661	0.514991	1.22406	1.22406	2.27845	3.38369	1.32007	1
cg09119043	SLC35F3	0.130094	0.99635	1.00197	1.00197	0.115023	2.09027	2.09027	0.813293	0.903217	-1.10715	0.83575	0.914551	-1.09343	0.0492675	0.380772	-2.62624	0.471673	1.37025	1.37025	0.0252435	3.14175	3.14175	0.173711	1.86397	1.86397	0.653948	0.823546	-1.21426	2.27844	6.67961	2.60592	1
cg07700644	APOA5;APOA5	0.130096	0.0799869	0.462377	-2.16274	0.344667	1.47182	1.47182	0.168958	0.558802	-1.78954	0.804867	0.906386	-1.10328	0.0223119	0.337106	-2.96642	0.113736	0.504939	-1.98044	0.0687756	0.44539	-2.24522	0.133197	0.525583	-1.90265	0.420781	0.721379	-1.38623	2.27843	5.68974	2.21975	1
cg10194341	KLC4;KLC4;MRPL2;KLC4;MRPL2;KLC4	0.130096	0.160991	1.27241	1.27241	0.393703	0.868853	-1.15094	0.503265	1.1155	1.1155	0.525396	0.901633	-1.1091	0.726706	1.05809	1.05809	0.308291	1.18493	1.18493	0.679636	0.935365	-1.0691	0.0374825	0.678112	-1.47468	0.0311804	1.50214	1.50214	2.27842	0.934298	0.364501	1
cg18140479	PCGF3	0.130098	0.818168	1.09253	1.09253	0.456734	0.747306	-1.33814	0.417039	1.3754	1.3754	0.542059	1.26768	1.26768	0.0456335	0.414472	-2.41271	0.902728	1.04811	1.04811	0.0152497	0.318194	-3.14274	0.731254	0.875907	-1.14167	0.0815222	0.476171	-2.10008	2.27841	5.32937	2.07918	1
cg22307285	C6orf120;WDR27	0.130099	0.487562	1.1552	1.1552	0.413559	1.18648	1.18648	0.416774	1.18503	1.18503	0.702373	0.924466	-1.08171	0.00600001	0.479707	-2.08461	0.317035	0.809296	-1.23564	0.323784	0.811827	-1.23179	0.401237	1.19215	1.19215	0.747131	0.935964	-1.06842	2.2784	1.51003	0.589119	1
cg00920162	COL11A2;COL11A2;COL11A2	0.130099	0.0697949	0.542827	-1.84221	0.630367	0.864077	-1.1573	0.0408957	0.491125	-2.03614	0.389571	0.766695	-1.3043	0.0080987	0.359997	-2.7778	0.188639	0.657259	-1.52147	0.91252	0.967429	-1.03367	0.346942	0.746905	-1.33886	0.818472	0.933076	-1.07172	2.2784	3.27606	1.27811	1
cg00493804	LOC100133985	0.1301	0.207961	0.708553	-1.41133	0.200694	1.4201	1.4201	0.699751	0.904328	-1.10579	0.568069	1.16153	1.16153	0.300598	0.757031	-1.32095	0.79948	0.93608	-1.06828	0.0410973	0.54248	-1.84339	0.213634	1.4047	1.4047	0.054088	1.76357	1.76357	2.27839	2.43	0.948039	1
cg03533632	EXD3	0.130102	0.534861	0.786749	-1.27105	0.261093	0.639372	-1.56403	0.0957347	0.497435	-2.01031	0.71547	0.869614	-1.14994	0.556639	0.797011	-1.25469	0.179036	0.579994	-1.72416	0.0149469	3.13296	3.13296	0.374245	1.41631	1.41631	0.764094	1.12171	1.12171	2.27837	5.25499	2.05019	1
cg11704114	SLCO1A2	0.130103	0.15672	0.442742	-2.25865	0.128677	0.413434	-2.41877	0.0465818	0.293503	-3.40712	0.0517294	0.30396	-3.28991	0.0695338	0.335568	-2.98003	0.0373555	0.272632	-3.66795	0.0550489	0.310341	-3.22226	0.379628	0.615823	-1.62384	0.17421	0.459553	-2.17603	2.27837	10.4401	4.07312	1
cg19417588	CPT1A;CPT1A	0.130103	0.956366	0.986465	-1.01372	0.933542	1.02099	1.02099	0.210088	0.719675	-1.38952	0.101484	0.63982	-1.56294	0.010919	0.451263	-2.216	0.274801	0.75353	-1.32709	0.145643	1.47567	1.47567	0.755665	0.925203	-1.08084	0.681857	1.10811	1.10811	2.27836	2.23826	0.873242	1
cg18894521	TCEA1;TCEA1	0.130112	0.631516	0.823269	-1.21467	0.319024	1.51356	1.51356	0.650965	1.20118	1.20118	0.238708	1.64318	1.64318	0.0136735	0.293074	-3.4121	0.186366	0.569041	-1.75734	0.267204	0.628009	-1.59233	0.559181	1.26833	1.26833	0.148121	0.535592	-1.86709	2.27829	5.84454	2.28028	1
cg23042847	NEURL	0.130114	0.875031	1.03664	1.03664	0.490342	1.17376	1.17376	0.63444	0.896252	-1.11576	0.0408464	0.582866	-1.71566	0.00842205	0.463275	-2.15854	0.155211	0.706231	-1.41597	0.800205	1.0597	1.0597	0.522794	0.862343	-1.15963	0.654973	0.902262	-1.10833	2.27828	1.88672	0.736117	1
cg02045285	MLLT6	0.130115	0.0282724	0.44464	-2.24901	0.111167	0.580959	-1.72129	0.459025	1.26611	1.26611	0.703861	1.12695	1.12695	0.0182724	0.408012	-2.45091	0.385781	0.757106	-1.32082	0.655248	0.868805	-1.15101	0.595902	1.18234	1.18234	0.969281	1.01212	1.01212	2.27827	3.53384	1.37876	1
cg25806100	FGF9	0.130117	?	?	?	?	?	?	0.147191	4.68619	4.68619	?	?	?	?	?	?	0.918453	1.10583	1.10583	0.837151	0.816937	-1.22408	0.0434867	0.0971713	-10.2911	0.12796	0.194741	-5.13502	2.51925	20.9351	11.6341	1
cg18780412	PEX5L	0.130118	0.0352673	0.252531	-3.95991	0.223024	0.487409	-2.05167	0.129981	0.399305	-2.50435	0.998705	0.99909	-1.00091	?	?	?	0.0169723	0.195126	-5.12488	0.834432	0.88916	-1.12466	0.580703	1.36771	1.36771	0.927074	1.05272	1.05272	2.29902	10.1961	4.43499	1
cg21172910	CTNNA1	0.130119	0.553791	0.880955	-1.13513	0.915918	0.977899	-1.0226	0.322707	0.805596	-1.24132	0.346086	0.814368	-1.22795	0.0192222	0.549134	-1.82105	0.591109	1.12161	1.12161	0.040741	1.64857	1.64857	0.403732	0.834589	-1.19819	0.227499	0.76483	-1.30748	2.27824	1.61592	0.630478	1
cg17277939	BEST3;BEST3	0.13012	0.0561439	0.204937	-4.87954	0.0291401	0.151993	-6.57926	0.862794	0.880953	-1.13513	0.445868	0.565858	-1.76723	0.0759374	0.23521	-4.25152	0.105155	0.273233	-3.65988	0.0486897	0.192074	-5.20632	0.060624	0.212229	-4.71189	0.337049	0.484189	-2.06531	2.27823	19.3744	7.55925	1
cg01899676	RFX4	0.130122	0.0844627	0.231642	-4.31701	0.757635	0.788828	-1.2677	0.61582	0.678608	-1.47361	0.158938	0.31544	-3.17017	0.0580056	0.193569	-5.16612	0.278185	0.421414	-2.37296	0.00812888	0.0745302	-13.4174	0.401897	0.518169	-1.92987	0.104325	0.256481	-3.89893	2.27821	21.1898	8.26761	1
cg10507099	FHOD1;SLC9A5	0.130123	0.221079	2.25205	2.25205	0.112603	2.99249	2.99249	0.0264602	0.183932	-5.43679	0.84968	0.887939	-1.1262	0.261412	2.09227	2.09227	0.811455	1.1615	1.1615	?	?	?	?	?	?	0.310324	1.93658	1.93658	2.44895	11.5837	4.73007	1
cg08592423	FAM60A;FLJ13224;FAM60A;FAM60A	0.130131	0.00628564	0.0449664	-22.2388	0.634984	1.51698	1.51698	0.814683	1.22703	1.22703	0.496802	1.8243	1.8243	0.829142	1.20722	1.20722	0.876212	0.872985	-1.14549	0.322188	2.43791	2.43791	0.372058	2.22242	2.22242	0.179091	3.46838	3.46838	2.27814	27.3968	10.6897	1
cg20366110	ANXA13;ANXA13	0.130132	0.292235	0.717139	-1.39443	0.203613	0.664795	-1.50422	0.00531815	0.327116	-3.05702	0.279766	0.710433	-1.40759	0.0907413	0.567223	-1.76298	0.12058	0.599134	-1.66907	0.32165	0.732326	-1.36551	0.829453	1.06784	1.06784	0.702902	0.889944	-1.12367	2.27814	3.34023	1.3033	1
cg20908131	C14orf64	0.130132	0.232373	1.52685	1.52685	0.00642356	0.30182	-3.31323	0.532573	0.807672	-1.23813	0.248568	1.50316	1.50316	0.499535	1.26063	1.26063	0.401386	1.33674	1.33674	0.923532	0.968079	-1.03297	0.732787	0.890649	-1.12278	0.824741	0.927793	-1.07783	2.27813	4.11986	1.6075	1
cg13955512	ALDH2;ALDH2	0.130136	0.463372	1.38652	1.38652	0.296266	1.60667	1.60667	0.201004	1.8063	1.8063	0.344792	1.53118	1.53118	0.897409	1.0581	1.0581	0.0173958	0.281441	-3.55314	0.0737197	0.417765	-2.39369	0.748986	0.868875	-1.15091	0.484932	0.732918	-1.36441	2.2781	6.9162	2.69862	1
cg22998610	TAF6L	0.130137	0.443164	1.08764	1.08764	0.165261	1.17237	1.17237	0.278961	1.12856	1.12856	0.275324	1.12968	1.12968	0.0804005	0.811906	-1.23167	0.183351	0.859267	-1.16378	0.0353149	0.76847	-1.30129	0.820351	0.975857	-1.02474	0.521458	0.932564	-1.07231	2.27809	0.4165	0.162514	1
cg27278294	MTM1	0.130138	0.152078	0.29259	-3.41775	0.325235	0.443224	-2.2562	0.182694	0.32217	-3.10395	0.238771	2.68663	2.68663	0.430757	0.525102	-1.90439	0.702977	0.735747	-1.35916	0.0133976	0.0860181	-11.6255	0.893025	1.11379	1.11379	0.05441	0.174079	-5.74452	2.27809	23.1489	9.0325	1
cg03482411	UCKL1	0.130139	0.790298	1.0593	1.0593	0.282434	1.27304	1.27304	0.130054	1.42394	1.42394	0.954866	0.987842	-1.01231	0.248612	1.29778	1.29778	0.412362	1.19859	1.19859	0.0046556	2.25557	2.25557	0.0819624	1.51673	1.51673	0.663426	1.09926	1.09926	2.27808	1.68539	0.657624	1
cg11796996	TAPBP;TAPBP;TAPBP	0.130139	0.28094	0.496687	-2.01334	0.405039	1.70231	1.70231	0.0231862	5.44577	5.44577	0.756551	1.21432	1.21432	0.423926	0.600516	-1.66523	0.292623	0.505722	-1.97737	0.0670702	0.277575	-3.60263	0.203109	2.31391	2.31391	0.897682	1.08365	1.08365	2.27808	14.0683	5.48936	1
cg09824615	ZDHHC22	0.13014	0.124518	0.384777	-2.59891	0.0217686	4.86226	4.86226	0.0565219	3.45501	3.45501	0.527428	1.44441	1.44441	0.392266	0.604513	-1.65422	0.358011	1.72086	1.72086	0.359319	1.71818	1.71818	0.291739	1.87431	1.87431	0.846988	0.894991	-1.11733	2.27807	11.899	4.6429	1
cg18422423	RAD54L2	0.13014	0.0533022	0.205769	-4.85982	0.12041	0.297266	-3.36399	0.498461	0.60964	-1.64031	0.884801	0.90086	-1.11005	0.0108315	0.0997994	-10.0201	0.0869027	0.256257	-3.90233	0.129514	0.307412	-3.25297	0.751883	0.795793	-1.25661	0.145423	0.324381	-3.0828	2.27807	18.7119	7.30126	1
cg26911787	ELK3	0.13014	0.241351	0.424272	-2.35698	0.721143	0.778368	-1.28474	0.272124	0.44972	-2.22361	0.579181	0.675958	-1.47938	0.005006	0.0745521	-13.4134	0.538182	0.646801	-1.54607	0.0505383	0.210589	-4.7486	0.131521	0.32041	-3.121	0.391361	0.541211	-1.84771	2.27807	17.6327	6.88018	1
cg19934294	MFSD10;MFSD10	0.130141	0.28675	0.799409	-1.25092	0.769697	1.06122	1.06122	0.0641525	1.5235	1.5235	0.0517257	1.56532	1.56532	0.0562786	0.645658	-1.54881	0.729796	1.0727	1.0727	0.485589	0.866398	-1.1542	0.251431	1.27444	1.27444	0.639408	0.908913	-1.10022	2.27806	1.47786	0.576655	1
cg23262827	SLC45A1	0.130142	0.536888	0.901268	-1.10955	0.290487	1.20006	1.20006	0.239076	1.22749	1.22749	0.266348	0.824868	-1.21232	0.280599	1.20496	1.20496	0.30288	1.19413	1.19413	0.00867545	1.74393	1.74393	0.726758	0.943346	-1.06006	0.466221	0.884026	-1.13119	2.27806	0.99712	0.389072	1
cg00552892	SLC23A3;SLC23A3;SLC23A3	0.13015	0.0764048	0.492304	-2.03127	0.704717	0.872082	-1.14668	0.322584	0.692583	-1.44387	0.617666	0.834506	-1.19831	0.00613255	0.276471	-3.61702	0.238255	0.641408	-1.55907	0.0739058	0.488643	-2.04648	0.460663	0.763364	-1.30999	0.133472	0.558842	-1.78941	2.27799	4.66275	1.81944	1
cg20164016	TNR	0.13015	0.41327	1.62056	1.62056	0.0101728	6.49243	6.49243	0.0300325	4.36245	4.36245	0.964527	1.026	1.026	0.282985	1.90385	1.90385	0.25297	1.99202	1.99202	0.0793279	3.07781	3.07781	0.258253	1.9756	1.9756	0.942745	1.04233	1.04233	2.27799	12.0191	4.68993	1
cg16843799	FLJ39653;FLJ39653	0.13015	0.416702	1.4153	1.4153	0.299851	1.5677	1.5677	0.270623	1.61604	1.61604	0.211323	1.7351	1.7351	0.610026	1.24018	1.24018	0.0849117	2.21945	2.21945	0.0446202	2.62448	2.62448	0.00700049	4.30344	4.30344	0.194387	1.77624	1.77624	2.27799	6.31786	2.46528	1
cg16785520	ZNF710	0.130152	0.0581543	0.278237	-3.59406	0.342199	1.79443	1.79443	0.261198	0.496551	-2.01389	0.466026	0.641974	-1.5577	0.00948721	0.140355	-7.1248	0.692405	1.26814	1.26814	0.263837	0.498634	-2.00548	0.762093	1.1989	1.1989	0.952944	1.03589	1.03589	2.27797	12.878	5.02514	1
cg06140761	CCDC120;CCDC120;CCDC120;CCDC120	0.130155	0.518138	0.750171	-1.33303	0.127589	0.485356	-2.06034	0.194274	0.547425	-1.82674	0.250416	0.590397	-1.69377	0.0174489	0.280916	-3.55979	0.637932	0.812226	-1.23118	0.024284	0.307854	-3.24829	0.44956	0.713137	-1.40226	0.0436608	0.361462	-2.76654	2.27795	6.94543	2.7102	1
cg09757277	ZNF222;ZNF222	0.130158	?	?	?	0.648031	0.708376	-1.41168	0.562201	1.55251	1.55251	?	?	?	0.0118168	0.0870279	-11.4906	0.141666	0.301925	-3.31208	0.121239	0.279436	-3.57863	0.689043	1.35212	1.35212	0.654476	0.713252	-1.40203	2.44862	16.5819	6.77193	1
cg08204402	ZDHHC11	0.130159	0.01719	0.157787	-6.33768	0.0991686	0.31675	-3.15706	0.0822455	0.29393	-3.40217	0.571502	0.69512	-1.4386	0.29568	0.501734	-1.99309	0.774828	1.20011	1.20011	0.671153	1.31208	1.31208	0.11478	0.335961	-2.97653	0.0613574	0.261682	-3.82144	2.27792	14.5931	5.69452	1
cg23644736	USP24	0.130159	0.793296	0.848126	-1.17907	0.0121654	7.10039	7.10039	0.222195	2.23613	2.23613	0.391007	1.73554	1.73554	0.29908	0.509101	-1.96425	0.433271	0.605564	-1.65135	0.18689	0.415789	-2.40506	0.209937	2.2906	2.2906	0.843573	0.883444	-1.13193	2.27791	14.1955	5.53938	1
cg09171638	B3GNTL1	0.130161	0.291021	0.747585	-1.33764	0.927413	0.976099	-1.02449	0.105445	0.62524	-1.59938	0.429785	0.807364	-1.2386	0.259543	0.731783	-1.36653	0.0146245	0.45014	-2.22153	0.105839	1.59838	1.59838	0.247334	0.725325	-1.37869	0.251478	0.72754	-1.3745	2.2779	2.54299	0.992333	1
cg17434154	ESRRG	0.130163	0.276856	1.82837	1.82837	0.0508866	3.27611	3.27611	0.231855	1.95232	1.95232	0.728267	1.20453	1.20453	0.283689	1.81167	1.81167	0.2669	0.53949	-1.8536	0.0237621	4.22017	4.22017	0.0446772	3.42044	3.42044	0.46232	1.49064	1.49064	2.27789	10.2695	4.00741	1
cg25514304	PSEN2;PSEN2	0.130165	0.104844	0.31691	-3.15547	0.440623	1.66505	1.66505	0.161436	2.63668	2.63668	0.406721	0.576793	-1.73372	0.055372	0.244639	-4.08766	0.750829	0.81339	-1.22942	0.104561	0.31656	-3.15896	0.0433207	0.221621	-4.5122	0.499681	0.641322	-1.55928	2.27787	15.1641	5.91745	1
cg17709464	TULP4;TULP4	0.130167	0.981589	1.00862	1.00862	0.0125847	3.30282	3.30282	0.862642	0.937639	-1.06651	0.891704	0.950612	-1.05195	0.051837	0.431919	-2.31525	0.932148	0.968835	-1.03217	0.998478	0.999291	-1.00071	0.133062	1.83975	1.83975	0.926044	0.96607	-1.03512	2.40482	5.15358	1.6668	1
cg02053265	CLPTM1L	0.130168	0.339879	1.20847	1.20847	0.35448	1.20126	1.20126	0.905006	1.02325	1.02325	0.468867	1.15242	1.15242	0.31293	0.817975	-1.22253	0.0547666	0.657463	-1.521	0.152361	1.34329	1.34329	0.611554	1.10361	1.10361	0.0301495	0.612127	-1.63365	2.27785	1.33685	0.521682	1
cg24776471	STYXL1;MDH2	0.13017	0.120083	0.673601	-1.48456	0.932499	1.02005	1.02005	0.0186902	1.95004	1.95004	0.122372	1.48037	1.48037	0.626558	0.891458	-1.12176	0.78507	1.06615	1.06615	0.170168	0.710127	-1.4082	0.299391	1.28661	1.28661	0.510731	1.16919	1.16919	2.27783	1.98068	0.772932	1
cg12482305	ALG11;ATP7B;ATP7B	0.130172	0.257075	0.733541	-1.36325	0.730144	0.91328	-1.09495	0.304084	1.3216	1.3216	0.697009	0.902573	-1.10794	0.276508	1.34518	1.34518	0.730379	0.913356	-1.09486	0.00841525	0.414097	-2.4149	0.348503	1.2877	1.2877	0.334623	1.29782	1.29782	2.27781	2.47592	0.966197	1
cg02801277	ST8SIA5	0.130175	0.842788	0.841087	-1.18894	0.00497909	25.5308	25.5308	0.217954	3.09407	3.09407	0.602242	1.58134	1.58134	0.811673	1.23125	1.23125	0.703337	1.39579	1.39579	0.157056	0.267422	-3.73941	0.553892	1.68515	1.68515	0.482807	1.86196	1.86196	2.27779	27.4012	10.6931	1
cg20962543	SYDE2	0.130175	0.0963987	0.823009	-1.21505	0.137637	1.18602	1.18602	0.380782	1.10068	1.10068	0.671861	1.04651	1.04651	0.112691	1.20232	1.20232	0.0958287	0.822681	-1.21554	0.708381	0.9607	-1.04091	0.489005	1.07789	1.07789	0.0696878	1.24169	1.24169	2.27779	0.410757	0.160295	1
cg19929355	TEC	0.130175	0.153325	5.0363	5.0363	0.335543	2.85765	2.85765	0.158258	4.92771	4.92771	0.193049	4.29069	4.29069	0.166146	4.76482	4.76482	0.617593	1.70269	1.70269	0.0707962	8.45341	8.45341	0.0117736	27.838	27.838	0.0366218	13.0365	13.0365	2.27779	40.3306	15.7387	1
cg20395940	TTC13;TTC13;ARV1	0.130177	0.908759	0.982767	-1.01754	0.242734	0.830799	-1.20366	0.0298096	0.67863	-1.47356	0.0817704	0.746424	-1.33972	0.319064	1.16899	1.16899	0.955381	0.991552	-1.00852	0.0196428	0.6522	-1.53327	0.807221	0.96361	-1.03776	0.978136	0.995853	-1.00416	2.27778	0.82941	0.323672	1
cg21947116	COL18A1;COL18A1;COL18A1	0.130177	0.128294	0.33975	-2.94334	0.0880179	0.290467	-3.44273	0.131972	0.343818	-2.90851	0.328338	0.515553	-1.93966	0.0320587	0.192218	-5.20242	0.04683	0.224387	-4.45658	0.0344117	0.19787	-5.05382	0.755287	0.814399	-1.2279	0.108592	0.31686	-3.15597	2.27777	15.5556	6.07048	1
cg10664784	ANKFY1	0.130177	0.0177203	0.241446	-4.14172	0.0840293	0.389841	-2.56515	0.744634	1.17474	1.17474	0.553909	1.34318	1.34318	0.73891	1.17918	1.17918	0.218238	0.528259	-1.89301	0.189772	0.50441	-1.98252	0.356753	0.626847	-1.59529	0.0457007	0.323407	-3.09208	2.27777	8.75921	3.41823	1
cg02032282	SRGAP3;SRGAP3	0.130179	0.0710277	0.442599	-2.25938	0.164927	1.81979	1.81979	0.715471	1.15946	1.15946	0.226637	0.598662	-1.67039	0.0269349	0.34682	-2.88334	0.175359	0.558533	-1.7904	0.109625	0.494144	-2.0237	0.571871	0.793841	-1.2597	0.229352	0.600628	-1.66493	2.27776	5.89244	2.29951	1
cg04915425	DDB2	0.130186	0.235112	0.847163	-1.18041	0.0718195	1.3072	1.3072	0.703093	0.950239	-1.05237	0.408917	1.11916	1.11916	0.294188	1.15606	1.15606	0.179116	1.20952	1.20952	0.100763	0.786952	-1.27073	0.417521	0.89545	-1.11676	0.0645369	1.31886	1.31886	2.2777	0.640858	0.2501	1
cg00038675	SMCP	0.130189	0.375714	0.597815	-1.67276	0.812109	0.873925	-1.14426	0.557291	0.714703	-1.39918	0.976727	0.983627	-1.01665	0.0903647	0.347821	-2.87504	0.173641	0.440773	-2.26874	0.0182235	0.197495	-5.06342	0.124787	2.56099	2.56099	0.104311	0.36609	-2.73157	2.27768	11.5527	4.50856	1
cg16638092	RPTOR;RPTOR	0.130192	0.142183	0.250614	-3.9902	0.588656	0.619499	-1.61421	0.522133	1.76642	1.76642	0.442499	0.503202	-1.98727	0.116699	0.224277	-4.45877	0.181777	0.288488	-3.46635	0.0101656	0.0582604	-17.1643	0.0610383	0.156997	-6.36954	0.220542	0.323162	-3.09442	2.27766	27.7464	10.8285	1
cg08078366	RASSF1;RASSF1;RASSF1;RASSF1	0.130192	0.236857	1.30872	1.30872	0.18194	1.36012	1.36012	0.150042	0.715352	-1.39791	0.976546	0.993638	-1.0064	0.930548	0.981254	-1.0191	0.7096	1.08459	1.08459	0.0602763	0.631283	-1.58408	0.525021	1.15008	1.15008	0.0278168	0.568683	-1.75845	2.27765	1.70003	0.663464	1
cg18951977	BMP4;BMP4;BMP4	0.130193	0.634356	0.802973	-1.24537	0.0920958	2.33778	2.33778	0.0108228	4.33124	4.33124	0.765683	1.14669	1.14669	0.781511	0.880438	-1.1358	0.794544	0.887343	-1.12696	0.038148	3.00596	3.00596	0.671116	1.21606	1.21606	0.927664	0.959267	-1.04246	2.27764	7.56635	2.9529	1
cg16427752	MSH4	0.130195	0.429281	0.822591	-1.21567	0.0280262	1.87417	1.87417	0.753021	1.0794	1.0794	0.34506	1.26539	1.26539	0.0370913	0.55662	-1.79656	0.138314	0.679625	-1.4714	0.677625	0.903767	-1.10648	0.643752	1.11931	1.11931	0.655249	0.896937	-1.11491	2.27763	2.11321	0.824722	1
cg15475727	TBC1D22A	0.130196	0.556648	0.855964	-1.16827	0.0837881	0.606181	-1.64967	0.0707971	0.589716	-1.69573	0.795423	1.07033	1.07033	0.792434	1.07143	1.07143	0.438244	0.813151	-1.22978	0.0188942	0.475299	-2.10394	0.615552	1.14162	1.14162	0.0496433	0.556633	-1.79652	2.27762	2.46855	0.963404	1
cg16983055	CCL16	0.130198	0.224229	0.472676	-2.11561	0.00965279	0.146265	-6.8369	0.0331378	0.2318	-4.31406	0.493824	0.665092	-1.50355	0.148013	0.402187	-2.48641	0.194159	0.446541	-2.23944	0.224623	0.473007	-2.11413	0.108216	0.357532	-2.79696	0.823582	0.877171	-1.14003	2.27761	12.4262	4.8496	1
cg10355989	MBOAT2	0.130201	0.0446764	1.47386	1.47386	0.0963601	1.35966	1.35966	0.756149	1.05382	1.05382	0.0476001	1.46413	1.46413	0.931309	0.985597	-1.01461	0.0899409	1.36962	1.36962	0.0231062	1.57951	1.57951	0.477059	1.12937	1.12937	0.194573	1.25976	1.25976	2.27758	1.02151	0.398672	1
cg25286711	ANP32D	0.130202	0.0928908	0.153963	-6.49506	0.867515	0.844539	-1.18408	0.036417	0.0853282	-11.7195	0.629606	1.63526	1.63526	0.0342154	0.0820414	-12.189	0.65315	0.632675	-1.58059	0.976482	1.03028	1.03028	0.775984	0.749218	-1.33473	0.0294602	0.0746481	-13.3962	2.27757	36.9447	14.4187	1
cg01558923	TGFB2;TGFB2	0.130205	0.0715622	0.513117	-1.94887	0.342996	0.726241	-1.37695	0.618609	1.17796	1.17796	0.754008	0.90257	-1.10795	0.176164	0.62301	-1.60511	0.618244	0.84878	-1.17816	0.0136838	0.357609	-2.79635	0.0570389	0.488904	-2.04539	0.0792995	0.524463	-1.90671	2.40447	3.96049	1.28111	1
cg09324359	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.130206	0.646292	0.840611	-1.18961	0.0289978	2.63051	2.63051	0.134784	1.83276	1.83276	0.634335	0.835235	-1.19727	0.279764	0.655601	-1.52532	0.226805	0.620762	-1.61092	0.431814	0.739742	-1.35182	0.298803	0.667213	-1.49877	0.0917042	0.497719	-2.00917	2.27754	5.09275	1.98762	1
cg01721454	RAB11FIP3;RAB11FIP3	0.130208	0.276413	0.828226	-1.2074	0.0407493	1.48176	1.48176	0.015837	1.63561	1.63561	0.332846	1.18093	1.18093	0.93899	0.987338	-1.01282	0.686289	0.934639	-1.06993	0.288068	0.832258	-1.20155	0.858304	0.970688	-1.0302	0.897396	1.02171	1.02171	2.27752	0.99965	0.390151	1
cg27465275	MGC87042;MGC87042	0.130212	0.0564013	8.35616	8.35616	0.0327446	11.6477	11.6477	0.927209	1.09395	1.09395	0.304321	0.351525	-2.84475	0.328501	0.371145	-2.69437	0.429353	0.452558	-2.20966	0.597445	0.592307	-1.68831	0.884649	1.15334	1.15334	0.0735073	7.10621	7.10621	2.27749	34.8372	13.5967	1
cg06094615	C10orf53;C10orf53	0.130212	0.0836911	1.41793	1.41793	0.971298	1.00658	1.00658	0.21698	1.2674	1.2674	0.127587	1.35059	1.35059	0.0675979	0.688305	-1.45284	0.14342	0.750653	-1.33217	0.34819	1.19266	1.19266	0.145728	1.32967	1.32967	0.951231	0.988905	-1.01122	2.27749	1.20028	0.468463	1
cg18787012	INSC;INSC	0.130214	0.574946	0.862016	-1.16007	0.236551	0.722516	-1.38405	0.0260832	0.500614	-1.99755	0.168451	0.680728	-1.46902	0.0474673	0.552012	-1.81155	0.026675	0.50246	-1.99021	0.821851	1.06088	1.06088	0.948065	1.01722	1.01722	0.781276	1.07567	1.07567	2.27748	2.47718	0.966833	1
cg03686027	CABP4;GPR152	0.130215	0.182414	0.796072	-1.25617	0.0890413	0.739151	-1.3529	0.0266856	0.654933	-1.52687	0.140926	0.774741	-1.29075	0.0508172	0.698656	-1.43132	0.563037	0.910067	-1.09882	0.41636	1.14325	1.14325	0.152871	0.781347	-1.27984	0.103592	0.750597	-1.33227	2.27746	0.936911	0.365674	1
cg07820420	NR0B1	0.130217	0.0649803	0.378367	-2.64294	0.735543	1.17234	1.17234	0.333445	0.626311	-1.59665	0.22376	1.82115	1.82115	0.0312819	3.27082	3.27082	0.100826	0.430468	-2.32305	0.560612	0.758828	-1.31782	0.976601	0.986338	-1.01385	0.552395	1.32567	1.32567	2.27745	7.93433	3.09677	1
cg06623698	PACSIN1	0.130219	0.848976	1.06183	1.06183	0.0969528	1.77411	1.77411	0.207818	1.51882	1.51882	0.14284	1.64147	1.64147	0.199672	0.652873	-1.53169	0.412339	1.30181	1.30181	0.986876	0.994837	-1.00519	0.115235	0.583394	-1.71411	0.0394286	2.11647	2.11647	2.27744	3.57171	1.39405	1
cg01992464	SPIRE2	0.130221	0.0288071	0.184276	-5.42665	0.646481	1.35386	1.35386	0.692998	1.29733	1.29733	0.328873	0.516285	-1.93691	0.281949	0.48021	-2.08242	0.103886	0.311429	-3.211	0.0504785	0.231684	-4.31622	0.855533	1.127	1.127	0.0427353	0.21649	-4.61916	2.27742	15.5231	6.05874	1
cg23238293	FIGNL2	0.130223	0.057833	0.199052	-5.0238	0.349994	0.484777	-2.0628	0.398331	0.521602	-1.91717	0.251797	2.46226	2.46226	0.0814059	0.233677	-4.27941	0.643776	0.70435	-1.41975	0.0214675	0.125016	-7.99901	0.430741	1.8318	1.8318	0.306286	0.450586	-2.21933	2.2774	20.4324	7.97493	1
cg08435780	ZNF423	0.130224	0.0464274	0.369916	-2.70331	0.217917	0.568328	-1.75955	0.2885	0.618544	-1.6167	0.117727	0.476798	-2.09732	0.013871	0.265673	-3.76403	0.0967408	0.45164	-2.21415	0.0708336	0.414786	-2.41088	0.797339	0.893877	-1.11872	0.177266	0.535166	-1.86858	2.27739	6.85547	2.67576	1
cg07367519	CACNA1I;CACNA1I	0.130226	0.138184	1.31076	1.31076	0.285662	1.20682	1.20682	0.0139953	0.597832	-1.67271	0.56599	1.10336	1.10336	0.324051	0.841426	-1.18846	0.122066	0.752697	-1.32856	0.717381	0.940238	-1.06356	0.441845	0.875512	-1.14219	0.529027	0.897527	-1.11417	2.27738	1.03657	0.404585	1
cg01265597	CAV1	0.130228	0.520889	0.919177	-1.08793	0.969111	0.994998	-1.00503	0.190647	1.19659	1.19659	0.577402	1.07562	1.07562	0.0142518	1.47922	1.47922	0.880382	0.980686	-1.01969	0.54845	1.08182	1.08182	0.616935	0.936774	-1.06749	0.0216799	1.42903	1.42903	2.27737	0.604987	0.236135	1
cg14035095	C9orf96;C9orf96;SURF4	0.130228	0.308377	0.840773	-1.18938	0.205176	0.802608	-1.24594	0.256825	0.823094	-1.21493	0.00558436	0.549532	-1.81973	0.274577	1.20563	1.20563	0.550283	0.905364	-1.10453	0.943271	0.988362	-1.01178	0.248836	0.820136	-1.21931	0.858909	1.0297	1.0297	2.27736	0.976012	0.380952	1
cg03601516	PTPRG	0.130228	0.846966	1.11264	1.11264	0.993919	1.00422	1.00422	0.342938	0.582888	-1.7156	0.285595	1.84538	1.84538	0.388827	1.62887	1.62887	0.631112	1.30639	1.30639	0.26394	0.525555	-1.90275	0.0103735	5.95007	5.95007	0.0676339	3.09876	3.09876	2.27736	11.0076	4.29643	1
cg26381718	PLEKHA5;PLEKHA5	0.130229	0.602428	1.11076	1.11076	0.74393	0.936585	-1.06771	0.301197	0.807262	-1.23875	0.307119	0.809517	-1.2353	0.583233	0.895162	-1.11712	0.33435	0.819544	-1.22019	0.00902462	1.9415	1.9415	0.83628	1.04223	1.04223	0.145069	0.73141	-1.36722	2.27736	1.44091	0.562412	1
cg17329886	RP1L1	0.130229	0.65009	0.834539	-1.19827	0.974604	0.987472	-1.01269	0.0110301	0.282874	-3.53515	0.779147	1.11778	1.11778	0.0318698	0.369313	-2.70773	0.623287	0.821945	-1.21663	0.162908	0.554373	-1.80384	0.218295	0.598777	-1.67007	0.108931	0.500373	-1.99851	2.27736	5.65771	2.20829	1
cg18191259	KIF17;KIF17	0.130231	0.254528	1.54254	1.54254	0.106238	1.90156	1.90156	0.0384126	0.417316	-2.39627	0.612474	1.20453	1.20453	0.913231	1.04051	1.04051	0.285123	1.4985	1.4985	0.0463676	0.435476	-2.29634	0.75059	1.12319	1.12319	0.63083	0.838285	-1.19291	2.27734	4.78699	1.86846	1
cg12139725	EPHA10	0.130232	0.371093	2.53622	2.53622	0.0773458	7.31418	7.31418	0.17837	4.25888	4.25888	0.822063	1.25641	1.25641	0.931873	1.09051	1.09051	0.0641473	8.23194	8.23194	0.0330196	12.5067	12.5067	0.0162422	19.6618	19.6618	0.432343	2.25246	2.25246	2.27733	37.0377	14.4566	1
cg13680118	NRXN3	0.130235	0.0752217	1.94	1.94	0.0495335	0.472542	-2.11621	0.187557	0.626745	-1.59555	0.599434	1.19398	1.19398	0.345645	0.722593	-1.3839	0.440631	1.30092	1.30092	0.10743	1.79997	1.79997	0.219424	1.54036	1.54036	0.829788	1.07467	1.07467	2.27731	4.03617	1.57542	1
cg03078006	TMPRSS6	0.130235	0.0818903	2.35921	2.35921	0.102972	2.21267	2.21267	0.784169	1.13002	1.13002	0.336187	1.55504	1.55504	0.030637	0.322806	-3.09784	0.378887	1.4947	1.4947	0.247656	1.71278	1.71278	0.280818	0.607089	-1.6472	0.928495	0.960827	-1.04077	2.27731	7.1492	2.79051	1
cg10881773	DYNC1I1;DYNC1I1;DYNC1I1;DYNC1I1	0.130235	0.356395	0.567527	-1.76203	0.00525942	0.111062	-9.00401	0.0610056	0.283397	-3.52862	0.243032	0.482132	-2.07412	0.142351	0.389923	-2.56461	0.161883	0.409863	-2.43984	0.22166	0.464359	-2.15351	0.35019	0.563131	-1.77579	0.514855	0.674089	-1.48348	2.2773	12.862	5.02037	1
cg15605918	DOHH;DOHH	0.130236	0.0108451	0.305908	-3.26896	0.215806	1.61978	1.61978	0.873166	1.06093	1.06093	0.789567	0.905717	-1.1041	0.134103	0.549839	-1.81872	0.52387	1.27017	1.27017	0.241506	0.635149	-1.57443	0.488977	0.770866	-1.29724	0.132041	0.547816	-1.82543	2.2773	4.9437	1.92965	1
cg01662650	YY2;MBTPS2	0.130238	0.665242	1.32917	1.32917	0.503871	0.641869	-1.55795	0.0619105	0.253047	-3.95183	0.0691159	0.264641	-3.77871	0.0723171	0.269569	-3.70963	0.163828	2.64108	2.64108	0.138929	2.83245	2.83245	0.756292	0.815878	-1.22567	0.69992	0.77635	-1.28808	2.27728	15.4099	6.01493	1
cg07200421	ANXA13;ANXA13	0.130239	0.505625	0.697398	-1.4339	0.738367	0.836216	-1.19586	0.106602	0.390574	-2.56033	0.699679	0.81316	-1.22977	0.0146355	0.201105	-4.97253	0.0789999	0.353214	-2.83115	0.0510928	0.305615	-3.27209	0.932583	1.04618	1.04618	0.423276	1.54713	1.54713	2.27727	10.2687	4.00817	1
cg00078968	WNT3A	0.13024	0.0197795	23.3148	23.3148	0.116502	6.74234	6.74234	0.475144	0.443704	-2.25376	0.627008	0.578136	-1.7297	0.495738	0.461186	-2.16832	0.552062	0.510092	-1.96043	0.661581	0.610878	-1.63699	0.988177	0.983557	-1.01672	0.0412103	13.9465	13.9465	2.27727	45.1562	17.6259	1
cg07060572	MAML2;MAML2	0.130241	0.20542	0.790308	-1.26533	0.210413	1.26173	1.26173	0.0284552	0.634123	-1.57698	0.831643	1.03822	1.03822	0.131893	1.33173	1.33173	0.75872	1.05577	1.05577	0.226312	0.799477	-1.25082	0.15037	1.31203	1.31203	0.559077	1.10968	1.10968	2.27726	1.1192	0.436862	1
cg14025053	C8orf56;BAALC;BAALC	0.130241	0.500909	1.37743	1.37743	0.438854	0.690665	-1.44788	0.8505	1.09247	1.09247	0.0680043	2.60656	2.60656	0.479482	1.40068	1.40068	0.27586	1.70118	1.70118	0.0149342	0.245877	-4.06707	0.557257	0.757121	-1.32079	0.327372	1.60627	1.60627	2.27726	7.92415	3.09306	1
cg17859552	INPP5A	0.130244	0.209664	0.376194	-2.6582	0.967134	0.969993	-1.03093	0.37693	1.95506	1.95506	0.267425	0.425593	-2.34966	0.0117768	0.0976728	-10.2383	0.0754284	0.231417	-4.3212	0.142252	0.311455	-3.21073	0.254482	0.414858	-2.41046	0.138064	0.307047	-3.25683	2.27723	19.7195	7.69724	1
cg00605057	COX5B	0.130245	0.388413	0.764371	-1.30826	0.271008	1.41673	1.41673	0.788666	0.921581	-1.08509	0.123672	0.602382	-1.66008	0.0591312	1.91119	1.91119	0.0273989	0.452391	-2.21048	0.732157	0.900837	-1.11008	0.589439	0.847377	-1.18011	0.220823	0.676211	-1.47883	2.27723	3.33249	1.3008	1
cg17483411	TNPO1	0.130245	0.0313886	0.49648	-2.01418	0.488386	1.2156	1.2156	0.829993	1.06145	1.06145	0.878689	0.958522	-1.04327	0.0120341	0.419515	-2.38371	0.526911	0.837096	-1.19461	0.351191	0.766342	-1.3049	0.397406	1.27168	1.27168	0.356842	0.768863	-1.30062	2.27722	2.77454	1.08301	1
cg25640699	ATP5G2;ATP5G2;ATP5G2	0.130246	0.249758	1.25773	1.25773	0.0356307	1.59396	1.59396	0.249582	1.25784	1.25784	0.898681	1.02458	1.02458	0.429911	0.857611	-1.16603	0.0259592	0.604163	-1.65518	0.720313	1.07094	1.07094	0.297848	1.22843	1.22843	0.737647	1.06619	1.06619	2.27722	1.31076	0.511643	1
cg01974180	PRKCZ;PRKCZ;PRKCZ	0.130247	0.902194	0.965497	-1.03574	0.0122322	2.43866	2.43866	0.610063	1.15823	1.15823	0.139275	0.634796	-1.57531	0.221968	0.693086	-1.44282	0.385365	1.28939	1.28939	0.229397	1.43362	1.43362	0.224409	1.43976	1.43976	0.590993	1.16759	1.16759	2.27721	2.94182	1.14831	1
cg01005350	ZNF48	0.130248	0.121277	0.705081	-1.41828	0.00673496	2.07675	2.07675	0.443454	1.17648	1.17648	0.324816	1.23552	1.23552	0.902489	1.02582	1.02582	0.755413	1.06716	1.06716	0.355343	1.21868	1.21868	0.197484	1.3276	1.3276	0.864112	1.03627	1.03627	2.2772	1.56046	0.609115	1
cg05696109	TLR5	0.130248	0.0238291	0.504769	-1.9811	0.0197901	0.490014	-2.04076	0.910802	1.02881	1.02881	0.0334926	0.532756	-1.87703	0.522441	0.84847	-1.17859	0.566418	0.863374	-1.15825	0.183059	0.698992	-1.43063	0.685535	0.901955	-1.1087	0.38004	0.795918	-1.25641	2.2772	2.31745	0.904598	1
cg11992940	MMP28	0.130248	0.0555048	0.507112	-1.97195	0.0930028	1.78287	1.78287	0.425983	0.775424	-1.28962	0.487367	0.801897	-1.24704	0.200865	0.655279	-1.52607	0.941934	1.02305	1.02305	0.021532	0.421556	-2.37217	0.33723	0.733768	-1.36283	0.312222	0.721021	-1.38692	2.2772	3.53073	1.37819	1
cg17935677	WDR76;WDR76	0.130251	0.560141	0.899678	-1.11151	0.976593	1.00528	1.00528	0.0553697	0.677264	-1.47653	0.0706776	0.695973	-1.43684	0.953902	1.01043	1.01043	0.817161	1.04243	1.04243	0.00721876	0.536801	-1.86289	0.537398	0.89399	-1.11858	0.522392	0.890177	-1.12337	2.27718	1.16127	0.453296	1
cg18461649	PELI2;PELI2	0.130251	0.8869	1.01897	1.01897	0.431481	0.899412	-1.11184	0.0656103	1.31367	1.31367	0.138249	0.809988	-1.23459	0.684164	0.94743	-1.05549	0.223342	0.844562	-1.18405	0.124697	1.24543	1.24543	0.480481	1.09933	1.09933	0.0465755	1.35113	1.35113	2.27718	0.628799	0.245449	1
cg01858337	POLR2L	0.130255	0.352857	0.566901	-1.76398	0.132721	2.61985	2.61985	0.114648	2.76944	2.76944	0.777124	1.18351	1.18351	0.0373194	0.238155	-4.19894	0.364021	0.574755	-1.73987	0.0793358	0.314631	-3.17832	0.804906	1.15827	1.15827	0.387049	0.590731	-1.69282	2.27715	12.7121	4.96219	1
cg07189401	LOC100126784;NAV2;NAV2;NAV2	0.130255	0.0728329	0.23218	-4.307	0.796965	0.828505	-1.20699	0.572535	0.659607	-1.51605	0.114527	0.28579	-3.49907	0.102336	0.271296	-3.68601	0.161547	0.335918	-2.97691	0.0381292	0.173115	-5.77651	0.0226755	0.136588	-7.32128	0.0860994	0.250604	-3.99036	2.27715	19.2037	7.49621	1
cg26776069	DEM1	0.130262	0.625868	1.07802	1.07802	0.090267	1.33032	1.33032	0.189007	1.23708	1.23708	0.921079	1.01527	1.01527	0.266404	1.19368	1.19368	0.2612	0.835981	-1.1962	0.0263706	0.668563	-1.49575	0.511645	0.903238	-1.10713	0.22925	0.824569	-1.21275	2.27709	0.843012	0.329079	1
cg09480336	POLD1	0.130265	0.0411218	0.648976	-1.54089	0.980888	0.995615	-1.0044	0.473708	1.14304	1.14304	0.048828	0.661803	-1.51102	0.0267482	0.61783	-1.61857	0.505584	0.883433	-1.13195	0.322839	1.20607	1.20607	0.766142	0.946744	-1.05625	0.961941	1.00879	1.00879	2.27707	1.21406	0.473927	1
cg05024901	AKAP13;AKAP13	0.130267	0.437727	1.12213	1.12213	0.317212	1.16242	1.16242	0.180557	1.22994	1.22994	0.341071	1.1535	1.1535	0.640316	1.0709	1.0709	0.725101	0.949907	-1.05273	0.0132001	0.63942	-1.56392	0.128705	0.787413	-1.26998	0.653913	0.936423	-1.06789	2.27705	0.764106	0.298283	1
cg08119295	TCEAL7	0.130267	0.04972	0.225768	-4.42933	0.368932	0.541455	-1.84688	0.927424	0.941229	-1.06244	0.126121	3.00489	3.00489	0.0675986	0.256325	-3.9013	0.0887069	0.286967	-3.48472	0.106173	0.309414	-3.23192	0.870982	1.11412	1.11412	0.601773	1.41913	1.41913	2.27705	15.9398	6.2224	1
cg13847977	KLHL14	0.130268	0.281575	0.422623	-2.36617	0.202279	0.354832	-2.81824	0.224229	0.374335	-2.6714	0.367175	0.490194	-2.04001	0.0145161	0.0985198	-10.1502	0.0374258	0.155884	-6.41503	0.385078	0.50391	-1.98448	0.643644	1.43122	1.43122	0.0525658	0.183371	-5.45344	2.27704	21.361	8.33872	1
cg07805999	C7orf50;C7orf50;C7orf50	0.130269	0.808492	1.15008	1.15008	0.0038151	9.45441	9.45441	0.362867	0.5836	-1.7135	0.484046	0.663954	-1.50613	0.955633	1.03256	1.03256	0.641248	1.31027	1.31027	0.403111	0.610968	-1.63675	0.8713	1.09786	1.09786	0.826818	1.13449	1.13449	2.27703	11.9592	4.66852	1
cg12278738	EXOC2	0.13027	0.994376	0.998741	-1.00126	0.181552	0.776098	-1.2885	0.20012	0.785136	-1.27366	0.800969	1.04618	1.04618	0.121676	1.3497	1.3497	0.664817	0.925045	-1.08103	0.0103421	1.78128	1.78128	0.964641	1.00795	1.00795	0.723205	0.938419	-1.06562	2.27702	1.15198	0.449703	1
cg26728851	GUCY2E	0.130274	0.571919	1.13896	1.13896	0.652085	0.901775	-1.10892	0.0378913	0.577883	-1.73045	0.0817137	0.644373	-1.5519	0.0249922	0.54468	-1.83594	0.0653641	0.624245	-1.60194	0.392893	0.81924	-1.22064	0.926756	1.02117	1.02117	0.179221	0.722516	-1.38405	2.277	1.87137	0.730541	1
cg20225915	LRDD;LRDD;LRDD	0.130274	0.527504	0.753612	-1.32694	0.0899912	0.437897	-2.28364	0.823128	0.905808	-1.10399	0.661846	0.823267	-1.21467	0.191778	0.543009	-1.84159	0.583546	0.782983	-1.27717	0.0126299	0.25407	-3.93592	0.038975	0.347839	-2.87489	0.0558812	0.383993	-2.60421	2.27699	7.04174	2.74894	1
cg09929612	ATP5J2;ATP5J2;ATP5J2;ATP5J2	0.130274	0.745008	1.0391	1.0391	0.228094	1.16029	1.16029	0.476251	1.08885	1.08885	0.935796	0.990577	-1.00951	0.275474	1.14262	1.14262	0.0534255	0.772733	-1.29411	0.0157686	0.706347	-1.41573	0.6064	0.940753	-1.06298	0.685538	1.049	1.049	2.27699	0.498028	0.19442	1
cg07345734	NKX2-1;NKX2-1	0.130277	0.834618	0.897124	-1.11467	0.382667	1.59182	1.59182	0.130128	2.33717	2.33717	0.57599	1.34097	1.34097	0.464519	0.679393	-1.4719	0.0643266	0.339836	-2.9426	0.220173	0.512018	-1.95306	0.0268172	3.90392	3.90392	0.717224	0.827901	-1.20787	2.27697	9.72361	3.79593	1
cg07124972	RAB12	0.13028	0.0531818	0.388649	-2.57302	0.0616763	0.404354	-2.47308	0.145593	0.510564	-1.95862	0.698793	0.84596	-1.18209	0.0364535	0.351335	-2.84629	0.105364	0.467109	-2.14083	0.284275	0.619684	-1.61373	0.0292111	0.331075	-3.02046	0.823859	0.908547	-1.10066	2.27695	6.67452	2.60564	1
cg24003835	RAI1	0.130284	0.130642	2.00903	2.00903	0.0339848	2.88	2.88	0.246299	1.67898	1.67898	0.169328	1.86966	1.86966	0.214019	1.74919	1.74919	0.0758616	0.429822	-2.32654	0.310933	1.56527	1.56527	0.516001	1.32508	1.32508	0.463584	0.726986	-1.37554	2.27692	6.5869	2.57147	1
cg12592179	RYK;RYK	0.130284	0.193145	0.46351	-2.15745	0.066515	0.316982	-3.15476	0.094682	0.358591	-2.7887	0.302073	0.550487	-1.81657	0.115689	0.384893	-2.59812	0.0406923	0.267301	-3.74109	0.0547807	0.296327	-3.37465	0.627927	1.31349	1.31349	0.0627226	0.310581	-3.21977	2.27692	11.2424	4.38893	1
cg13690179	ARFGAP1;ARFGAP1	0.130288	0.0767651	0.530651	-1.88448	0.509722	0.806307	-1.24022	0.23167	0.667741	-1.49759	0.0458018	0.478519	-2.08978	0.0267289	0.429535	-2.3281	0.034411	0.451906	-2.21285	0.158701	0.615695	-1.62418	0.822281	0.930137	-1.07511	0.11617	0.577152	-1.73265	2.27688	3.73723	1.45901	1
cg17305992	YARS2	0.130288	0.0697191	0.806034	-1.24064	0.752796	1.03416	1.03416	0.810356	1.02589	1.02589	0.0500406	0.788559	-1.26814	0.904733	0.987352	-1.01281	0.0599073	0.797986	-1.25315	0.208248	1.15147	1.15147	0.251496	0.880418	-1.13582	0.239863	1.13977	1.13977	2.27688	0.407523	0.159096	1
cg17417191	RRP15	0.130292	0.25193	1.16609	1.16609	0.0677826	0.769001	-1.30039	0.312216	0.874404	-1.14364	0.661373	1.05822	1.05822	0.0185081	1.44299	1.44299	0.477636	0.911474	-1.09712	0.294614	1.14976	1.14976	0.918123	1.01329	1.01329	0.330984	1.13744	1.13744	2.27685	0.594361	0.23204	1
cg08660876	RNF175;RNF175	0.130292	0.353836	0.757465	-1.32019	0.521374	0.827572	-1.20835	0.10494	1.67524	1.67524	0.787965	0.924504	-1.08166	0.148804	0.637061	-1.56971	0.207108	0.678814	-1.47316	0.0434221	0.508477	-1.96666	0.0359748	0.491452	-2.03479	0.194697	0.670685	-1.49101	2.27685	3.05764	1.19371	1
cg24469596	TAP2;TAP2	0.130293	0.0413881	0.675785	-1.47976	0.0294115	0.652258	-1.53314	0.562608	0.90709	-1.10243	0.152222	0.774538	-1.29109	0.0581022	0.699921	-1.42873	0.957331	1.00895	1.00895	0.21226	1.24467	1.24467	0.629606	0.922237	-1.08432	0.712589	0.940224	-1.06358	2.27684	1.00068	0.390668	1
cg19246007	COL21A1;COL21A1	0.130295	0.0407187	10.6699	10.6699	0.297684	2.95001	2.95001	0.263364	3.21682	3.21682	0.211297	3.74209	3.74209	0.260483	3.24162	3.24162	0.25483	3.29152	3.29152	0.045747	9.92404	9.92404	0.0224246	15.4994	15.4994	0.0399366	10.7996	10.7996	2.27683	36.208	14.1359	1
cg09800026	ICOSLG	0.130296	0.413996	1.38171	1.38171	0.0127387	3.31467	3.31467	0.135765	1.86348	1.86348	0.277118	1.54904	1.54904	0.936383	1.03139	1.03139	0.167637	0.565845	-1.76727	0.735624	0.877031	-1.14021	0.135309	1.86504	1.86504	0.209159	1.66953	1.66953	2.27681	5.40551	2.11036	1
cg01537765	LIPE	0.130298	0.00963268	4.79382	4.79382	0.0600864	2.75801	2.75801	0.44705	1.44874	1.44874	0.0620732	2.73145	2.73145	0.461312	0.698555	-1.43153	0.725626	1.18358	1.18358	0.371237	1.55142	1.55142	0.322073	1.63118	1.63118	0.331885	1.61422	1.61422	2.2768	8.25058	3.22112	1
cg24863569	COL23A1	0.130298	0.19973	0.808619	-1.23668	0.00694311	1.72929	1.72929	0.126933	1.29544	1.29544	0.665665	0.934103	-1.07055	0.525642	0.904074	-1.1061	0.646823	1.07502	1.07502	0.972569	1.00541	1.00541	0.959617	1.00797	1.00797	0.667053	0.934388	-1.07022	2.2768	0.886594	0.346136	1
cg14596589	SLC12A7	0.130301	0.625562	1.07829	1.07829	0.954997	1.00869	1.00869	0.410519	0.878977	-1.13769	0.631071	0.92852	-1.07698	0.594187	0.920881	-1.08592	0.408545	1.13833	1.13833	0.0255998	1.50154	1.50154	0.0614776	1.38114	1.38114	0.0742605	0.737219	-1.35645	2.27678	0.847167	0.330747	1
cg15124560	SMC3	0.130301	0.0862448	0.73339	-1.36353	0.250791	1.2169	1.2169	0.0936091	1.3521	1.3521	0.112441	0.75374	-1.32672	0.312037	0.842747	-1.1866	0.261852	0.825797	-1.21095	0.0502273	0.694072	-1.44077	0.609368	0.919148	-1.08796	0.777648	0.954742	-1.0474	2.27678	0.965038	0.376765	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00085830	DHX9	0.130301	0.88265	1.02138	1.02138	0.39539	1.13274	1.13274	0.112358	1.28085	1.28085	0.7948	1.03803	1.03803	0.0770238	1.32518	1.32518	0.650178	0.936713	-1.06756	0.833679	0.970338	-1.03057	0.491235	1.1053	1.1053	0.00586912	1.67588	1.67588	2.27678	0.739389	0.288669	1
cg22897235	EPC2	0.130301	0.121454	0.635521	-1.57351	0.610639	1.14871	1.14871	0.33107	1.31096	1.31096	0.891625	1.03749	1.03749	0.848874	1.05285	1.05285	0.639908	1.13566	1.13566	0.0084402	2.47955	2.47955	0.895663	0.965196	-1.03606	0.0916188	1.65118	1.65118	2.27677	2.6284	1.02617	1
cg11044011	RGS12;RGS12	0.130302	0.122803	0.424919	-2.35339	0.00608655	0.1599	-6.25392	0.181293	0.483622	-2.06773	0.79537	1.14229	1.14229	0.198826	0.499061	-2.00376	0.28679	0.567681	-1.76155	0.0979679	0.394862	-2.53253	0.709448	0.825648	-1.21117	0.947087	0.966597	-1.03456	2.27677	9.44834	3.6888	1
cg10134156	MIR1260;NGB	0.130304	0.165075	0.535569	-1.86717	0.920637	1.04292	1.04292	0.418318	1.41727	1.41727	0.0168673	3.41894	3.41894	0.947894	0.972817	-1.02794	0.0505166	2.5594	2.5594	0.0959562	2.16187	2.16187	0.632535	1.22524	1.22524	0.440395	1.39345	1.39345	2.27675	6.4115	2.50318	1
cg01139031	TMED4	0.130304	0.43115	0.822385	-1.21598	0.657933	0.897225	-1.11455	0.104053	0.648862	-1.54116	0.457197	1.20234	1.20234	0.0278844	1.88213	1.88213	0.305185	1.29487	1.29487	0.156768	0.691701	-1.44571	0.584736	1.14374	1.14374	0.141848	1.46871	1.46871	2.27675	2.13579	0.833854	1
cg15549767	BRIP1	0.130306	0.274337	0.737753	-1.35547	0.212345	0.703804	-1.42085	0.149515	0.661515	-1.51168	0.697927	0.900963	-1.10992	0.0737678	1.70399	1.70399	0.113544	0.631007	-1.58477	0.162898	1.48928	1.48928	0.663013	0.889368	-1.12439	0.0786498	0.593174	-1.68585	2.27674	2.57825	1.00661	1
cg14184729	AKT1;AKT1;AKT1	0.13031	0.668728	1.27629	1.27629	0.277706	1.89605	1.89605	0.227839	0.488006	-2.04916	0.826119	1.1328	1.1328	0.0340129	0.245998	-4.06507	0.966392	1.02417	1.02417	0.0334292	0.244499	-4.08999	0.350154	1.72467	1.72467	0.151223	0.418262	-2.39084	2.2767	11.5821	4.52196	1
cg06096446	TULP4;TULP4	0.130311	0.0982443	0.723963	-1.38129	0.552593	0.898517	-1.11294	0.111887	0.734649	-1.36119	0.124036	1.34537	1.34537	0.795373	1.04738	1.04738	0.698617	0.933046	-1.07176	0.0369508	1.53966	1.53966	0.723228	1.06538	1.06538	0.208122	0.789478	-1.26666	2.2767	1.14393	0.446625	1
cg04352088	SCUBE1	0.130312	0.142849	0.507543	-1.97028	0.0377754	0.354351	-2.82206	0.0562105	0.394096	-2.53745	0.212706	0.56826	-1.75976	0.0347239	0.346444	-2.88647	0.272284	0.611358	-1.6357	0.0964778	0.455724	-2.19431	0.0400183	0.359865	-2.77882	0.324814	0.645425	-1.54937	2.27669	6.68644	2.61058	1
cg27402713	POTEF	0.130317	0.501512	1.25825	1.25825	0.897725	1.04426	1.04426	0.00551018	0.292686	-3.41664	0.5653	1.21621	1.21621	0.23782	0.659406	-1.51652	0.710908	1.13357	1.13357	0.789788	1.09415	1.09415	0.397585	0.747	-1.33869	0.163743	0.60625	-1.64948	2.27665	4.08901	1.5965	1
cg16971589	RHOBTB1;RHOBTB1	0.130317	0.316509	2.72042	2.72042	0.249988	0.312302	-3.20203	0.297965	0.352348	-2.8381	0.998547	0.998251	-1.00175	0.387171	2.35259	2.35259	0.0294791	0.0796672	-12.5522	0.106738	5.56587	5.56587	0.203973	0.27258	-3.66865	?	?	?	2.42302	30.8728	11.1488	1
cg23222248	ANO10	0.130317	0.0286133	0.331881	-3.01313	0.288592	0.624662	-1.60087	0.366578	0.672878	-1.48615	0.316594	0.642607	-1.55616	0.0316405	0.340901	-2.9334	0.292889	0.62747	-1.5937	0.0314042	0.340221	-2.93927	0.998449	1.00083	1.00083	0.0664226	0.415094	-2.40909	2.27665	6.578	2.5683	1
cg13607473	DDX21	0.130321	0.733426	0.952643	-1.04971	0.864648	1.02451	1.02451	0.404469	1.12869	1.12869	0.509655	1.09958	1.09958	0.074633	1.32556	1.32556	0.555885	1.08822	1.08822	0.0274428	0.690601	-1.44801	0.50668	0.908816	-1.10033	0.0517303	1.36917	1.36917	2.27662	0.726219	0.283547	1
cg07113006	RNF220	0.130321	0.0128772	0.145038	-6.89476	0.803167	0.855438	-1.16899	0.14672	0.377639	-2.64803	0.314109	0.521588	-1.91722	0.0455044	0.238362	-4.19531	0.0709758	0.283312	-3.52967	0.623122	0.73368	-1.36299	0.296371	0.508166	-1.96786	0.525534	1.49511	1.49511	2.27662	14.0942	5.503	1
cg13278890	LOC441208	0.130322	0.97922	1.00289	1.00289	0.742113	1.03724	1.03724	0.016775	1.38148	1.38148	0.500469	1.07866	1.07866	0.874382	1.01767	1.01767	0.685732	0.955959	-1.04607	0.0324505	0.757898	-1.31944	0.401584	0.909328	-1.09971	0.320157	0.892498	-1.12045	2.27661	0.441965	0.172562	1
cg19117365	CLSTN2	0.130322	0.0147855	0.543066	-1.8414	0.902387	0.975334	-1.02529	0.296516	1.24647	1.24647	0.549932	1.13103	1.13103	0.69942	1.08217	1.08217	0.154461	0.733267	-1.36376	0.773052	1.06062	1.06062	0.129083	1.39631	1.39631	0.235283	1.28813	1.28813	2.27661	1.49386	0.583271	1
cg03398910	PARD3	0.130324	0.86927	0.950914	-1.05162	0.969646	1.01169	1.01169	0.0359819	0.474542	-2.10729	0.119192	0.596483	-1.67649	0.104887	1.7186	1.7186	0.318401	0.729713	-1.3704	0.118631	1.67804	1.67804	0.254593	1.43833	1.43833	0.858614	0.946973	-1.056	2.2766	3.36644	1.31441	1
cg04122068	IGSF8	0.130324	0.235657	0.752573	-1.32877	0.977089	0.993453	-1.00659	0.093923	1.52389	1.52389	0.856943	1.04214	1.04214	0.0519785	0.603087	-1.65813	0.408654	1.21324	1.21324	0.028019	0.552314	-1.81056	0.544564	1.15058	1.15058	0.731817	0.924333	-1.08186	2.27659	1.8862	0.736463	1
cg26011188	ZMYM4	0.130329	0.376913	0.871713	-1.14717	0.103469	0.763645	-1.30951	0.0884754	0.752328	-1.32921	0.634043	0.929956	-1.07532	0.0593696	1.38027	1.38027	0.751638	1.04925	1.04925	0.182436	0.807136	-1.23895	0.240366	1.20458	1.20458	0.234218	1.20783	1.20783	2.27656	0.826701	0.322788	1
cg19969124	FAM178A;FAM178A;FAM178A	0.130331	0.114847	1.47354	1.47354	0.136849	0.696062	-1.43665	0.975243	0.993009	-1.00704	0.437273	1.19621	1.19621	0.0499437	1.65778	1.65778	0.534376	0.867387	-1.15289	0.743887	0.92856	-1.07694	0.110507	1.48171	1.48171	0.0557357	1.63244	1.63244	2.27653	1.84301	0.719616	1
cg05620676	DOK7;DOK7	0.130332	0.41598	0.866787	-1.15369	0.0718769	1.41273	1.41273	0.42266	0.868633	-1.15123	0.429123	0.870403	-1.14889	0.053093	0.685279	-1.45926	0.566772	0.905231	-1.10469	0.145639	1.30821	1.30821	0.121913	0.749531	-1.33417	0.170163	0.777853	-1.28559	2.27653	1.06614	0.416281	1
cg26451345	GPR115	0.130333	0.314214	0.805766	-1.24105	0.52614	1.14257	1.14257	0.151953	0.72726	-1.37503	0.381406	0.83004	-1.20476	0.133944	1.39847	1.39847	0.352935	0.8201	-1.21936	0.304127	0.801852	-1.24711	0.0138073	0.531809	-1.88037	0.495749	1.15433	1.15433	2.27652	1.55231	0.606117	1
cg01474481	RNF34;RNF34	0.130334	0.578726	0.82713	-1.209	0.278057	1.46474	1.46474	0.0581935	2.06353	2.06353	0.771256	1.10368	1.10368	0.0165924	0.371556	-2.69138	0.172445	1.63459	1.63459	0.946905	1.02279	1.02279	0.517848	0.801036	-1.24838	0.853705	1.06445	1.06445	2.27651	4.12843	1.61199	1
cg24328095	CSNK1D;CSNK1D	0.130336	0.201594	1.89335	1.89335	0.00625744	5.40026	5.40026	0.0579814	2.75788	2.75788	0.31927	1.62778	1.62778	0.491082	1.39247	1.39247	0.560154	1.32164	1.32164	0.581381	1.30162	1.30162	0.0594471	2.7377	2.7377	0.612073	1.27389	1.27389	2.2765	8.07899	3.15455	1
cg18152871	OAT;OAT	0.130339	0.542788	1.23101	1.23101	0.96693	1.01402	1.01402	0.0653889	2.06515	2.06515	0.925288	1.03201	1.03201	0.388998	1.34874	1.34874	0.191213	0.622134	-1.60737	0.23166	1.53534	1.53534	0.0574874	2.12861	2.12861	0.0195837	2.76765	2.76765	2.58229	4.39472	1.13458	1
cg22001073	RICS	0.130341	0.852081	0.968677	-1.03234	0.504588	0.890972	-1.12237	0.0132857	0.5927	-1.68719	0.522179	0.895307	-1.11694	0.0401027	0.667373	-1.49841	0.243361	0.81211	-1.23136	0.213047	1.25054	1.25054	0.955263	1.00961	1.00961	0.196484	0.792284	-1.26217	2.27646	1.04795	0.409194	1
cg17327990	ISYNA1;ISYNA1;ISYNA1	0.130342	0.625736	1.07813	1.07813	0.28478	1.18536	1.18536	0.174675	1.24726	1.24726	0.774885	1.04486	1.04486	0.923699	1.01477	1.01477	0.911587	0.983144	-1.01714	0.00791909	0.593807	-1.68405	0.321605	0.854948	-1.16966	0.329608	1.16646	1.16646	2.27645	0.84447	0.329742	1
cg17440909	FLT1	0.130343	0.555175	1.27086	1.27086	0.978387	0.989179	-1.01094	0.108557	0.495083	-2.01986	0.84555	1.08148	1.08148	0.0262911	0.346998	-2.88186	0.210522	0.588649	-1.6988	0.0886996	0.470388	-2.1259	0.0531938	0.413855	-2.4163	0.0950165	0.478631	-2.08929	2.27644	5.81587	2.27094	1
cg14459011	NHEDC2	0.130343	0.111504	0.281159	-3.5567	0.226114	0.394407	-2.53545	0.79722	1.20741	1.20741	0.463111	0.578864	-1.72752	0.0536542	0.201098	-4.97269	0.300572	0.456033	-2.19282	0.0181357	0.122422	-8.16845	0.039659	0.175282	-5.70508	0.14291	0.315825	-3.16631	2.27644	19.3174	7.54293	1
cg10807309	VARS	0.130343	0.553689	0.716177	-1.3963	0.276639	0.532313	-1.87859	0.337655	0.576494	-1.73462	0.776926	1.1715	1.1715	0.00381898	0.113794	-8.7878	0.80763	1.1456	1.1456	0.813884	0.876858	-1.14043	0.781762	0.856636	-1.16736	0.106292	0.374258	-2.67196	2.27644	11.1945	4.37116	1
cg03349057	ITIH4;ITIH4	0.130345	0.149682	0.450387	-2.22031	0.0366509	0.285407	-3.50377	0.86836	1.08944	1.08944	0.140978	2.2652	2.2652	0.0374303	0.287342	-3.48017	0.976335	0.984798	-1.01544	0.961945	0.975662	-1.02495	0.393665	1.5702	1.5702	0.276259	0.557196	-1.7947	2.27642	9.61455	3.75425	1
cg24959663	ANKRD33B	0.130347	0.532607	0.836647	-1.19525	0.0965343	0.597586	-1.6734	0.0147344	0.428701	-2.33263	0.906665	0.967445	-1.03365	0.224115	0.697424	-1.43385	0.947075	1.01891	1.01891	0.0708936	1.76725	1.76725	0.805842	0.932869	-1.07196	0.411286	0.788935	-1.26753	2.27641	2.87071	1.12095	1
cg21720385	UBXN6;UBXN6;UBXN6	0.130347	0.283485	0.497794	-2.00886	0.103847	3.04458	3.04458	0.674431	1.30276	1.30276	0.432288	0.605501	-1.65152	0.0874221	0.306899	-3.2584	0.0963186	0.318831	-3.13646	0.0333842	0.210904	-4.74148	0.364935	0.558343	-1.79101	0.191089	0.420394	-2.37872	2.27641	14.129	5.51706	1
cg02465427	C22orf13	0.130348	0.392658	0.845931	-1.18213	0.0478746	0.649078	-1.54065	0.774993	1.05629	1.05629	0.406909	0.850355	-1.17598	0.817247	1.04522	1.04522	0.333003	0.826294	-1.21022	0.0127932	1.80553	1.80553	0.897874	1.02484	1.02484	0.694652	0.927391	-1.07829	2.2764	1.31619	0.513946	1
cg15085372	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.13035	0.851239	0.953205	-1.04909	0.79707	1.06799	1.06799	0.582018	1.15248	1.15248	0.149177	0.673776	-1.48417	0.829537	0.946448	-1.05658	0.00629425	0.40315	-2.48046	0.0782579	0.606906	-1.6477	0.896135	0.967209	-1.0339	0.659966	1.11965	1.11965	2.27638	2.34936	0.917383	1
cg04562755	PGM1	0.130351	0.111184	0.505215	-1.97935	0.0300204	0.366308	-2.72994	0.0432141	0.40049	-2.49694	0.658186	0.839295	-1.19148	0.021604	0.337748	-2.96079	0.164855	0.558217	-1.79142	0.418765	0.722465	-1.38415	0.30876	0.660678	-1.5136	0.117579	0.512333	-1.95186	2.27638	5.58166	2.17955	1
cg00956971	C17orf91;C17orf91;C17orf91;C17orf91;MIR22	0.130351	0.764445	1.10489	1.10489	0.00797327	3.09217	3.09217	0.217636	1.53801	1.53801	0.778483	0.910643	-1.09812	0.682548	1.14624	1.14624	0.864057	0.944708	-1.05853	0.57455	0.828398	-1.20715	0.0430698	2.16541	2.16541	0.680667	0.871659	-1.14724	2.27637	3.97194	1.55098	1
cg26529516	ARFGAP3;ARFGAP3	0.130356	0.165974	6.00371	6.00371	0.604705	1.88436	1.88436	0.296531	3.71816	3.71816	0.0657627	12.2457	12.2457	0.280508	0.256395	-3.90023	0.0300981	22.0835	22.0835	0.213837	4.89427	4.89427	0.0325689	20.8034	20.8034	0.422128	2.70443	2.70443	2.27634	53.0723	20.7242	1
cg16457413	TWF2	0.130359	0.248354	0.553128	-1.8079	0.0685554	2.71967	2.71967	0.0853913	2.54259	2.54259	0.370949	1.56961	1.56961	0.455073	0.688416	-1.45261	0.163583	0.482107	-2.07423	0.0699577	0.369975	-2.70288	0.969089	0.981165	-1.0192	0.508673	0.719636	-1.38959	2.27631	8.6815	3.39008	1
cg04923620	MKX	0.13036	0.114253	0.824845	-1.21235	0.797213	0.971551	-1.02928	0.355815	1.11233	1.11233	0.627409	0.946651	-1.05635	0.0597006	0.788065	-1.26893	0.300615	0.886723	-1.12775	0.583729	1.06399	1.06399	0.129306	1.20166	1.20166	0.0597611	1.26884	1.26884	2.2763	0.45293	0.176868	1
cg15921797	PHF20L1;PHF20L1;PHF20L1	0.130361	0.0512491	3.98163	3.98163	0.496497	0.650663	-1.53689	0.866332	0.900449	-1.11056	0.152012	2.59923	2.59923	0.326701	1.87812	1.87812	0.22412	2.21425	2.21425	0.0359623	4.56618	4.56618	0.0503422	4.0092	4.0092	0.0847569	3.27595	3.27595	2.27629	13.9681	5.45454	1
cg08493265	MUC4;MUC4;MUC4	0.130362	0.947036	1.03909	1.03909	0.0470461	3.71307	3.71307	0.073545	3.16296	3.16296	0.643835	0.764355	-1.30829	0.0609802	0.295569	-3.38331	0.802739	0.865483	-1.15542	0.913268	0.939052	-1.0649	0.0997021	0.352972	-2.83308	0.652501	0.769802	-1.29904	2.27629	12.0101	4.68993	1
cg00160818	CCHCR1;TCF19;CCHCR1;TCF19;TCF19;CCHCR1;TCF19	0.130364	0.890119	1.01459	1.01459	0.558293	1.06398	1.06398	0.228707	1.14149	1.14149	0.257092	0.883464	-1.13191	0.667223	0.955698	-1.04636	0.754153	0.967625	-1.03346	0.0119969	0.72015	-1.3886	0.432229	0.919463	-1.08759	0.0922796	1.21423	1.21423	2.27627	0.39563	0.154494	1
cg17807663	HOXB2	0.130364	0.55767	1.10406	1.10406	0.480397	0.88714	-1.12722	0.844703	0.96779	-1.03328	0.0437433	1.47254	1.47254	0.105663	1.34323	1.34323	0.426751	0.873301	-1.14508	0.0301993	0.653454	-1.53033	0.433132	0.874995	-1.14286	0.69096	0.935466	-1.06899	2.27627	1.00475	0.392358	1
cg15055494	FLCN;FLCN	0.130365	0.612698	0.868539	-1.15136	0.0825838	0.588121	-1.70033	0.332416	1.31794	1.31794	0.784231	0.927021	-1.07872	0.222348	1.42487	1.42487	0.0122452	0.422489	-2.36692	0.29148	1.35285	1.35285	0.853606	0.95028	-1.05232	0.888895	1.03935	1.03935	2.27626	2.74812	1.07315	1
cg00788183	C10orf140	0.130366	0.383787	1.14391	1.14391	0.494356	0.900792	-1.11013	0.285593	0.846222	-1.18172	0.285707	1.18167	1.18167	0.0237861	1.50112	1.50112	0.862979	0.974329	-1.02635	0.090794	0.755402	-1.3238	0.438735	1.12626	1.12626	0.166259	0.800723	-1.24887	2.27626	0.817143	0.319098	1
cg24344981	CNPY1	0.130368	0.0550647	0.416844	-2.39898	0.0778696	0.454645	-2.19952	0.173465	0.558426	-1.79075	0.0202317	0.324183	-3.08468	0.193212	0.574695	-1.74005	0.485697	0.752024	-1.32974	0.0536584	0.414159	-2.41453	0.255745	0.620464	-1.6117	0.0654965	0.43533	-2.29711	2.27624	5.83435	2.27836	1
cg12395726	WDR46;WDR46	0.13037	0.268765	0.699879	-1.42882	0.071453	0.535972	-1.86577	0.208171	0.66291	-1.5085	0.807882	0.927303	-1.0784	0.0179102	0.410077	-2.43857	0.0381173	0.474889	-2.10575	0.0486718	0.497762	-2.00899	0.894907	0.959881	-1.0418	0.569123	0.836713	-1.19515	2.27623	3.46028	1.35127	1
cg26171489	SLCO3A1;SLCO3A1	0.13037	0.313628	1.23381	1.23381	0.256478	0.787578	-1.26972	0.130629	0.719563	-1.38973	0.683348	1.0862	1.0862	0.057448	0.648417	-1.54222	0.103425	0.698319	-1.43201	0.116544	1.41031	1.41031	0.364046	0.828571	-1.2069	0.31061	1.23554	1.23554	2.27622	1.4653	0.572214	1
cg07420274	GAD1;GAD1	0.130374	0.317933	0.47395	-2.10993	0.636584	0.70876	-1.41092	0.144456	0.32179	-3.10761	0.142834	0.320097	-3.12406	0.0647318	0.22301	-4.4841	0.0968687	0.267635	-3.73643	0.74492	0.789684	-1.26633	0.00666658	0.0783855	-12.7575	0.439111	0.565094	-1.76962	2.27619	18.8594	7.36492	1
cg24283662	ATG7;ATG7;ATG7	0.130377	0.478693	1.21432	1.21432	0.311602	0.75409	-1.3261	0.451293	0.813079	-1.22989	0.710841	0.904475	-1.10561	0.609541	1.14899	1.14899	0.0212853	2.10921	2.10921	0.0760715	1.70271	1.70271	0.110176	0.625368	-1.59906	0.616322	0.872659	-1.14592	2.27617	2.62059	1.02339	1
cg11894422	AHRR	0.130378	0.00739771	0.274161	-3.64749	0.345102	0.694434	-1.44002	0.806335	1.09648	1.09648	0.354714	0.699745	-1.42909	0.0640993	0.458283	-2.18206	0.479325	1.30954	1.30954	0.153662	0.56392	-1.7733	0.864026	0.937746	-1.06639	0.340638	0.691942	-1.44521	2.27616	5.06948	1.97974	1
cg09814877	ACPT	0.13038	0.292901	0.349521	-2.86106	0.147105	0.223372	-4.47684	0.170489	0.245064	-4.08057	0.854592	1.19332	1.19332	0.0300648	0.0856019	-11.682	0.879054	0.863554	-1.15801	0.0484658	0.113962	-8.77486	0.021247	0.0694042	-14.4083	0.860365	0.843977	-1.18487	2.27614	33.4582	13.0662	1
cg09636214	PAPLN	0.130381	0.0763804	5.36841	5.36841	0.168737	3.49055	3.49055	0.368965	2.19584	2.19584	0.472877	0.536679	-1.86331	0.116857	4.27265	4.27265	0.734458	1.33673	1.33673	0.0242369	9.87431	9.87431	0.0511997	6.63732	6.63732	0.0996451	4.65667	4.65667	2.27613	26.195	10.2298	1
cg06795980	KPNA7	0.130383	0.682186	1.0491	1.0491	0.86365	0.980186	-1.02021	0.0344081	0.750307	-1.33279	0.0241686	1.36749	1.36749	0.309332	0.884709	-1.13031	0.345694	1.11971	1.11971	0.218374	1.1627	1.1627	0.868222	0.980852	-1.01952	0.722639	0.959355	-1.04237	2.27612	0.488687	0.190846	1
cg13065228	FOXH1;FOXH1	0.130384	0.0684575	6.82774	6.82774	0.0735656	6.54524	6.54524	0.658841	1.51961	1.51961	0.275741	2.90904	2.90904	0.281825	2.86721	2.86721	0.172333	3.92758	3.92758	0.0523481	7.98927	7.98927	0.0209196	13.697	13.697	0.0520578	8.01529	8.01529	2.27611	31.9731	12.4865	1
cg00696756	RPS3A	0.130385	0.00539857	0.346911	-2.88258	0.36247	0.762945	-1.31071	0.185551	0.666448	-1.50049	0.208708	0.681754	-1.46681	?	?	?	0.313452	0.739804	-1.35171	0.590057	1.17026	1.17026	0.951199	0.982464	-1.01785	0.731239	0.905138	-1.1048	2.29682	2.70191	1.17637	1
cg24933645	SLC30A10	0.130386	0.4739	0.882173	-1.13356	0.868025	1.02904	1.02904	0.301698	1.20223	1.20223	0.0336025	0.652314	-1.533	0.431239	0.870861	-1.14829	0.185452	0.785299	-1.2734	0.0158715	0.601406	-1.66277	0.616299	1.09086	1.09086	0.76893	1.05201	1.05201	2.2761	1.06802	0.417096	1
cg10465579	PCDH11Y	0.130388	0.0461197	0.600917	-1.66412	0.0570754	1.61575	1.61575	0.246451	1.31012	1.31012	0.538676	1.14882	1.14882	0.27112	0.774654	-1.2909	0.686297	0.913483	-1.09471	0.525287	0.866358	-1.15426	0.892475	0.970308	-1.0306	0.0793776	1.54343	1.54343	2.27608	1.79049	0.699248	1
cg07924819	ATF6;ATF6	0.130388	0.37468	1.18539	1.18539	0.231866	1.2637	1.2637	0.665565	1.08456	1.08456	0.684594	0.926606	-1.07921	0.32069	1.21108	1.21108	0.835685	1.03953	1.03953	0.00997078	0.544773	-1.83563	0.58856	1.10731	1.10731	0.116795	1.37444	1.37444	2.27608	1.2559	0.490472	1
cg06505666	CKAP2L	0.130393	0.0388701	0.722668	-1.38376	0.477317	1.10311	1.10311	0.237612	0.845329	-1.18297	0.87456	0.978771	-1.02169	0.151786	1.2319	1.2319	0.634372	1.06724	1.06724	0.105939	0.786754	-1.27105	0.243338	1.18035	1.18035	0.1542	1.23019	1.23019	2.27604	0.664959	0.259695	1
cg10289790	KIAA0284;KIAA0284	0.130395	0.00808902	0.199279	-5.0181	0.147993	0.478003	-2.09204	0.136	0.465756	-2.14705	0.627817	0.792665	-1.26157	0.0563244	0.357777	-2.79504	0.21869	0.540477	-1.85022	0.111399	0.438355	-2.28125	0.237575	0.555183	-1.80121	0.181356	0.509224	-1.96377	2.27602	8.15415	3.18456	1
cg00861580	FNBP4	0.130395	0.0660922	0.65805	-1.51964	0.659842	1.09407	1.09407	0.0494025	0.634328	-1.57647	0.22353	0.771374	-1.29639	0.356445	0.824875	-1.2123	0.185502	0.752031	-1.32973	0.0697052	1.50945	1.50945	0.512889	1.1442	1.1442	0.51263	0.873903	-1.14429	2.27602	1.48517	0.580028	1
cg25763520	PRPH	0.130402	0.0379323	0.171379	-5.83502	0.0390411	0.173644	-5.75892	0.16087	0.333638	-2.99726	0.158418	0.331196	-3.01936	0.0519829	0.197814	-5.05525	0.334663	0.482274	-2.07351	0.903264	1.09321	1.09321	0.0622119	0.214677	-4.65816	0.108352	0.276984	-3.61032	2.27597	19.3631	7.56233	1
cg22456975	CACYBP;CACYBP	0.130403	0.628753	0.85932	-1.16371	0.233486	1.47512	1.47512	0.146866	1.62339	1.62339	0.0146681	0.392579	-2.54726	0.929848	0.97297	-1.02778	0.259148	0.693253	-1.44247	0.131096	1.66081	1.66081	0.99503	0.998064	-1.00194	0.886651	1.04539	1.04539	2.27596	3.49095	1.36341	1
cg05925291	PRPF31;TFPT	0.130404	0.102443	0.295259	-3.38686	0.0390725	0.195883	-5.1051	0.293882	0.47559	-2.10265	0.504766	0.63001	-1.58728	0.0453193	0.208598	-4.79391	0.134394	0.332251	-3.00978	0.0314646	0.17866	-5.59721	0.05279	0.222535	-4.49368	0.216619	0.411685	-2.42904	2.27595	16.7961	6.55983	1
cg25597976	UBE2W;UBE2W	0.130404	0.246382	0.763539	-1.30969	0.0525417	0.612272	-1.63326	0.134506	0.698284	-1.43208	0.660573	1.10334	1.10334	0.416521	1.20298	1.20298	0.37486	1.22472	1.22472	0.0356718	1.7231	1.7231	0.767032	1.06836	1.06836	0.428782	0.835454	-1.19695	2.27595	1.78542	0.69731	1
cg04735960	CRYL1	0.130404	0.343142	0.688845	-1.4517	0.0205968	2.89904	2.89904	0.054072	2.30364	2.30364	0.873028	0.940784	-1.06294	0.455517	1.33655	1.33655	0.273278	0.647167	-1.5452	0.879788	1.05946	1.05946	0.482121	1.31346	1.31346	0.197313	0.594422	-1.68231	2.27595	5.25072	2.05071	1
cg25095171	ITPK1;ITPK1;ITPK1	0.130406	0.829312	0.946172	-1.05689	0.725969	1.09437	1.09437	0.348706	1.2805	1.2805	0.15707	1.47379	1.47379	0.773095	1.07691	1.07691	0.0354351	1.87319	1.87319	0.514584	0.844194	-1.18456	0.0351229	1.87584	1.87584	0.111199	0.641019	-1.56002	2.27593	2.36755	0.924669	1
cg20271620	TBCD	0.130411	0.773865	1.09102	1.09102	0.0921563	1.75166	1.75166	0.0262769	2.21884	2.21884	0.330058	1.35517	1.35517	0.486152	0.807363	-1.2386	0.338914	1.34726	1.34726	0.0142718	2.49387	2.49387	0.637911	1.15412	1.15412	0.25086	1.43735	1.43735	2.2759	3.29587	1.28725	1
cg24029819	PTPRN2;PTPRN2;PTPRN2	0.130413	0.125895	1.79367	1.79367	0.293833	0.681026	-1.46837	0.425651	1.33243	1.33243	0.226883	1.56456	1.56456	0.838575	1.07462	1.07462	0.127308	1.78916	1.78916	0.841685	1.0731	1.0731	0.00688597	3.43591	3.43591	0.507593	1.26764	1.26764	2.27588	4.48645	1.75227	1
cg17154935	KLK6;KLK6;KLK6	0.130415	0.079858	0.134631	-7.42772	0.413065	0.42175	-2.37107	0.962493	0.952642	-1.04971	0.291522	0.323297	-3.09313	0.32158	0.347671	-2.87628	0.11478	0.170436	-5.86729	0.00696616	0.027284	-36.6515	0.0999174	0.155671	-6.42382	0.156957	0.209768	-4.76716	2.27586	38.366	14.9847	1
cg05157600	PRDM15;PRDM15	0.130418	0.976183	0.988693	-1.01144	0.28067	0.652363	-1.53289	0.00644183	0.259322	-3.85621	0.0660657	0.455923	-2.19335	0.0950355	0.497188	-2.01131	0.304194	0.666743	-1.49983	0.30933	0.669804	-1.49297	0.924381	1.03683	1.03683	0.268061	0.644386	-1.55186	2.27584	5.23019	2.04279	1
cg08541297	IGFBP3;IGFBP3	0.130419	0.402479	0.755744	-1.3232	0.0100268	0.345619	-2.89336	0.0441774	0.469696	-2.12904	0.077972	0.527206	-1.89679	0.21499	0.652707	-1.53208	0.398827	0.754021	-1.32622	0.0731074	0.520319	-1.9219	0.240142	0.668984	-1.4948	0.322715	0.716142	-1.39637	2.27583	3.85076	1.50402	1
cg15073248	ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;FBXL13;FBXL13;ARMC10;ARMC10;ARMC10;ARM	0.13042	0.0929613	6.16847	6.16847	0.0407773	0.0978037	-10.2246	0.220188	0.281129	-3.55708	?	?	?	?	?	?	0.884858	1.15331	1.15331	0.120022	5.2606	5.2606	0.777653	0.756785	-1.32138	0.682904	0.667439	-1.49827	2.322	27.7163	13.6416	1
cg00124375	DDAH2	0.13042	0.850466	1.10031	1.10031	0.941479	0.963497	-1.03789	0.606717	1.30081	1.30081	0.303036	0.582548	-1.7166	0.0065202	0.166884	-5.99217	0.0987121	0.399715	-2.50178	0.221666	0.521732	-1.91669	0.124481	0.43066	-2.32202	0.370368	0.627567	-1.59346	2.27582	9.24628	3.6114	1
cg06755955	FZD8	0.13042	0.0231177	0.648163	-1.54282	0.0168477	0.627786	-1.5929	0.268906	0.832079	-1.20181	0.304284	0.84379	-1.18513	0.0949453	0.74605	-1.34039	0.142207	0.77733	-1.28645	0.124013	0.766494	-1.30464	0.97882	0.995771	-1.00425	0.236637	0.820402	-1.21891	2.27582	0.918682	0.358819	1
cg19199204	HCG9	0.130421	0.0985106	2.50207	2.50207	0.0171749	4.34886	4.34886	0.227596	1.89863	1.89863	0.410843	1.53066	1.53066	0.342884	1.63989	1.63989	0.741473	0.845708	-1.18244	0.168299	2.10258	2.10258	0.0194614	4.17783	4.17783	0.255978	1.82255	1.82255	2.27581	9.23542	3.60718	1
cg16821252	KIF13B	0.130423	0.0128716	2.64062	2.64062	0.0369648	2.14193	2.14193	0.609949	1.17558	1.17558	0.46532	1.26316	1.26316	0.647749	1.15561	1.15561	0.465563	1.26299	1.26299	0.168722	1.58578	1.58578	0.471511	0.794316	-1.25895	0.341979	0.735037	-1.36048	2.2758	3.56286	1.3916	1
cg10508349	TMCO7	0.130426	0.573494	1.12145	1.12145	0.00645759	0.489838	-2.04149	0.95634	0.989028	-1.01109	0.1069	0.701381	-1.42576	0.146563	0.730506	-1.36891	0.52006	1.14043	1.14043	0.651987	1.09581	1.09581	0.80724	0.951933	-1.05049	0.749434	0.937467	-1.0667	2.27577	1.4637	0.571701	1
cg11113469	DLX6AS	0.130431	0.10893	3.25267	3.25267	0.735587	0.795587	-1.25693	0.240271	0.436264	-2.29219	0.39963	0.55893	-1.78913	0.0990423	3.38743	3.38743	0.501476	0.63111	-1.58451	0.106037	0.303924	-3.2903	0.0511483	4.47454	4.47454	0.650837	1.35988	1.35988	2.27574	16.4055	6.4079	1
cg09326204	CASR	0.130431	0.0986608	0.285573	-3.50173	0.0199921	0.14326	-6.98033	0.0422525	0.198056	-5.04907	0.62644	0.712138	-1.40422	0.131347	0.323892	-3.08745	0.134144	0.326941	-3.05866	0.067834	0.242775	-4.11905	0.11667	0.307355	-3.25357	0.81579	0.850861	-1.17528	2.27573	17.2636	6.74308	1
cg23784313	EPS8	0.130434	0.490903	0.895821	-1.11629	0.0237644	1.52854	1.52854	0.590798	0.918198	-1.08909	0.952981	0.990772	-1.00931	0.476484	0.892414	-1.12056	0.553093	0.909974	-1.09893	0.436486	0.882662	-1.13294	0.104979	1.32122	1.32122	0.0463145	1.43174	1.43174	2.27571	0.890989	0.348019	1
cg24358781	RASAL2	0.130435	0.160988	0.345198	-2.89689	0.0117023	0.106698	-9.37221	0.0702972	0.237565	-4.20937	0.266123	0.439039	-2.2777	0.109806	0.28986	-3.44994	0.199043	0.381342	-2.62232	0.273894	0.445374	-2.2453	0.474647	1.67618	1.67618	0.173362	0.35731	-2.79869	2.2757	18.1896	7.10487	1
cg18773383	ZNF318	0.130436	0.122443	0.637795	-1.5679	0.591993	1.15646	1.15646	0.352929	1.29281	1.29281	0.0727635	0.584012	-1.71229	0.476411	1.21476	1.21476	0.249301	0.723595	-1.38199	0.734309	1.09585	1.09585	0.278698	0.738874	-1.35341	0.0185716	0.464452	-2.15307	2.2757	2.60194	1.01632	1
cg03839322	KIFC3;KIFC3;KIFC3	0.130436	0.0501205	0.448217	-2.23106	0.0385442	0.422704	-2.36572	0.0495475	0.447069	-2.23679	0.62278	0.836827	-1.19499	0.0371684	0.419286	-2.38501	0.434719	0.750997	-1.33156	0.790247	0.908664	-1.10052	0.421663	1.34301	1.34301	0.567578	0.812546	-1.2307	2.27569	4.65236	1.81722	1
cg07467716	TTLL4	0.130438	0.52617	0.825531	-1.21134	0.165713	1.55471	1.55471	0.459948	0.798849	-1.2518	0.516917	1.21672	1.21672	0.00805596	0.363051	-2.75443	0.328765	1.35106	1.35106	0.826579	0.9366	-1.06769	0.899246	1.03854	1.03854	0.225037	0.683596	-1.46285	2.27568	3.21162	1.25447	1
cg17377491	PTS	0.130439	0.488099	0.885712	-1.12904	0.665443	1.07784	1.07784	0.54556	0.899968	-1.11115	0.940628	0.987248	-1.01292	0.0988606	1.36586	1.36586	0.124503	1.33184	1.33184	0.0174913	0.607545	-1.64597	0.453801	1.14051	1.14051	0.274283	0.822014	-1.21652	2.27567	1.06993	0.417921	1
cg00680003	GNL1;PRR3;PRR3	0.13044	0.393024	1.08496	1.08496	0.109561	0.849942	-1.17655	0.728018	1.03307	1.03307	0.0417142	0.803495	-1.24456	0.183112	0.876652	-1.1407	0.07835	1.19991	1.19991	0.251943	0.894458	-1.118	0.334114	1.09729	1.09729	0.940348	0.993049	-1.007	2.27566	0.313036	0.122274	1
cg04744917	OCA2	0.130441	0.0200918	0.413463	-2.4186	0.27904	0.701571	-1.42537	0.0708541	0.529612	-1.88817	0.854741	1.05941	1.05941	0.108666	0.576347	-1.73507	0.0673627	0.524387	-1.90699	0.294513	0.71007	-1.40831	0.207668	0.658094	-1.51954	0.401294	1.31067	1.31067	2.27566	3.57444	1.3962	1
cg16007456	GPR88	0.130443	0.92666	1.07162	1.07162	0.0409637	0.169933	-5.88467	0.14857	3.20335	3.20335	0.259675	2.41928	2.41928	?	?	?	?	?	?	?	?	?	0.313785	0.457142	-2.1875	0.210504	0.371056	-2.69501	2.3539	14.031	7.94765	1
cg08976025	ACSM4	0.130448	0.0760127	0.271673	-3.68089	0.566315	0.68208	-1.4661	0.137379	0.347828	-2.87498	0.0895801	0.290753	-3.43934	0.0817398	0.27994	-3.57219	0.187575	0.397816	-2.51373	0.0235932	0.167938	-5.95458	0.108815	0.315279	-3.17179	0.0426212	0.214253	-4.66739	2.2756	15.6996	6.13254	1
cg00740465	PTPRN2;PTPRN2;PTPRN2	0.130448	0.0968252	0.688074	-1.45333	0.345855	0.819446	-1.22034	0.191114	0.752832	-1.32832	0.0706623	1.51336	1.51336	0.0657885	0.654777	-1.52724	0.815327	1.04916	1.04916	0.12344	1.40814	1.40814	0.639886	0.907872	-1.10148	0.545382	0.882031	-1.13375	2.2756	1.51628	0.592286	1
cg27502952	FARP2	0.130449	0.0978641	1.41723	1.41723	0.484154	1.14628	1.14628	0.51432	0.880748	-1.1354	0.382427	0.841979	-1.18768	0.978499	0.994839	-1.00519	0.107278	0.713512	-1.40152	0.0293821	1.6367	1.6367	0.752086	0.940962	-1.06274	0.141521	0.738183	-1.35468	2.27559	1.32886	0.51908	1
cg02639285	TMEM64;TMEM64	0.130449	0.432391	0.842575	-1.18684	0.0112571	0.507228	-1.9715	0.498069	0.86325	-1.15841	0.334592	1.23707	1.23707	0.288666	0.79019	-1.26552	0.113019	0.691597	-1.44593	0.0814151	0.661705	-1.51125	0.918056	0.978239	-1.02224	0.461469	1.17384	1.17384	2.27559	1.64722	0.643435	1
cg26448406	PISD	0.13045	?	?	?	0.516819	1.63416	1.63416	0.767126	1.24845	1.24845	?	?	?	?	?	?	0.0315885	0.152063	-6.57624	0.165025	3.02427	3.02427	0.595719	0.670237	-1.49201	0.114241	0.276994	-3.61018	2.35384	13.8767	7.86049	1
cg16497293	C16orf45;C16orf45	0.13045	0.274171	0.52455	-1.9064	0.957823	1.03044	1.03044	0.123474	0.388247	-2.57568	0.519728	0.6907	-1.44781	0.180898	0.44684	-2.23794	0.248821	0.504829	-1.98087	0.00552129	0.126425	-7.90985	0.426236	1.58517	1.58517	0.600304	0.740972	-1.34958	2.27558	11.5884	4.52668	1
cg14053318	ARVCF	0.130452	0.907846	1.10688	1.10688	0.0164895	13.0547	13.0547	0.0221792	11.0738	11.0738	0.72019	1.37083	1.37083	0.261363	0.358032	-2.79305	0.199287	3.28474	3.28474	0.285961	2.64256	2.64256	0.52117	1.76867	1.76867	0.476353	1.88708	1.88708	2.27557	27.7134	10.8255	1
cg01145559	WDR20;WDR20;HSP90AA1;HSP90AA1;WDR20;WDR20	0.130452	0.121898	0.597986	-1.67228	0.514757	1.22456	1.22456	0.640586	1.15511	1.15511	0.329851	0.73464	-1.36121	0.459103	0.793604	-1.26007	0.258856	0.696796	-1.43514	0.164037	1.57679	1.57679	0.0414344	2.05692	2.05692	0.0994544	0.574773	-1.73982	2.27557	3.38939	1.32397	1
cg10311020	ABI1;ABI1;ABI1;ABI1	0.130453	0.846415	0.952444	-1.04993	0.0405042	1.81201	1.81201	0.394429	1.24503	1.24503	0.446287	1.21538	1.21538	0.888241	1.03596	1.03596	0.187615	1.4203	1.4203	0.0112112	2.22205	2.22205	0.222728	1.37979	1.37979	0.343932	0.78274	-1.27756	2.27556	2.27518	0.888743	1
cg07042532	CREB5;CREB5;CREB5	0.130461	0.210853	0.565892	-1.76712	0.172231	0.533928	-1.87291	0.0174653	0.286654	-3.48853	0.172397	0.534074	-1.8724	0.0208418	0.300847	-3.32395	0.150849	0.514331	-1.94427	0.100873	0.460244	-2.17276	0.947285	0.971849	-1.02897	0.589043	0.790142	-1.2656	2.27549	6.72148	2.62565	1
cg21447167	WNT7B	0.130462	0.700422	0.940091	-1.06373	0.415777	0.875541	-1.14215	0.642025	1.07768	1.07768	0.721495	1.05886	1.05886	0.991148	0.998229	-1.00177	0.939467	0.987937	-1.01221	0.357483	1.16325	1.16325	0.0514389	0.701632	-1.42525	0.00757086	0.577544	-1.73147	2.27548	0.920272	0.359492	1
cg24182329	DTNA;DTNA;DTNA;DTNA;DTNA;DTNA;DTNA	0.130463	0.553073	0.916087	-1.0916	0.0541478	0.726708	-1.37607	0.112228	0.776788	-1.28735	0.31828	0.860136	-1.16261	0.661948	0.93776	-1.06637	0.505302	0.905985	-1.10377	0.046235	1.39593	1.39593	0.0619668	0.73566	-1.35932	0.353383	0.869817	-1.14967	2.27548	0.768853	0.300343	1
cg09794680	CPNE6	0.130463	0.883775	0.954536	-1.04763	0.216605	0.661274	-1.51223	0.254835	0.685103	-1.45963	0.375606	0.748822	-1.33543	0.0495285	0.490249	-2.03978	0.29265	0.706607	-1.41521	0.0129472	0.374851	-2.66773	0.0424115	0.475455	-2.10325	0.102379	0.566319	-1.76579	2.27548	3.6466	1.4245	1
cg12077772	C21orf54	0.130464	0.185243	0.850672	-1.17554	0.731834	0.961175	-1.04039	0.866515	1.01956	1.01956	0.345565	1.11832	1.11832	0.667319	0.951439	-1.05104	0.832582	1.02467	1.02467	0.015531	1.40729	1.40729	0.0538556	1.28658	1.28658	0.326035	0.889822	-1.12382	2.27547	0.477586	0.186564	1
cg05159604	RPL10;RPL10;SNORA70	0.130465	0.18852	0.82207	-1.21644	0.991471	0.998498	-1.0015	0.738674	1.04821	1.04821	0.807812	0.966309	-1.03487	0.00567402	0.600322	-1.66577	0.413934	1.12463	1.12463	0.134438	0.796947	-1.25479	0.798806	0.964719	-1.03657	0.232187	0.83845	-1.19268	2.27546	0.712688	0.278405	1
cg17504698	PSPC1;PSPC1;PSPC1	0.130465	0.0383586	0.356011	-2.8089	0.126099	2.03869	2.03869	0.23552	1.70755	1.70755	0.121126	0.485115	-2.06137	0.873111	0.933524	-1.07121	0.155735	0.520121	-1.92263	0.513763	1.32977	1.32977	0.269508	0.609636	-1.64032	0.412116	1.43465	1.43465	2.27546	6.6754	2.60769	1
cg07211050	LRPPRC	0.130473	0.962069	0.987052	-1.01312	0.23823	0.712811	-1.4029	0.371552	0.777692	-1.28586	0.552456	0.848151	-1.17904	0.71933	0.905843	-1.10394	0.00423094	0.350156	-2.85587	0.394425	0.787387	-1.27002	0.11177	0.622128	-1.60739	0.507451	1.20235	1.20235	2.2754	2.70627	1.05721	1
cg02420850	EMX2;EMX2;EMX2OS;EMX2;EMX2	0.130473	0.226824	0.772252	-1.29491	0.0272951	1.70228	1.70228	0.181755	1.3347	1.3347	0.306178	0.805909	-1.24083	0.704584	0.925351	-1.08067	0.822529	1.04682	1.04682	0.118718	0.708266	-1.4119	0.19053	1.32623	1.32623	0.321388	1.23203	1.23203	2.2754	1.49495	0.584008	1
cg22698759	HAPLN3	0.130475	0.403084	0.883176	-1.13228	0.403728	0.883333	-1.13208	0.0285968	0.687304	-1.45496	0.31181	0.85906	-1.16406	0.931193	1.01262	1.01262	0.689125	1.06012	1.06012	0.0319864	1.44026	1.44026	0.525209	1.09798	1.09798	0.217105	0.828164	-1.20749	2.27538	0.759639	0.296756	1
cg23153338	OR52I1	0.130478	0.0513326	0.456443	-2.19085	0.0390047	0.429735	-2.32702	0.554848	0.809662	-1.23508	0.205378	0.62358	-1.60364	0.0170906	0.35787	-2.79431	0.958203	0.981645	-1.0187	0.657829	1.17066	1.17066	0.952686	0.979244	-1.0212	0.175683	0.601101	-1.66361	2.27535	4.50286	1.75908	1
cg11640756	HIVEP2	0.130479	0.647082	0.913544	-1.09464	0.10327	1.41846	1.41846	0.236082	1.27578	1.27578	0.69929	1.07912	1.07912	0.27348	1.25051	1.25051	0.895028	1.02623	1.02623	0.0322068	0.611352	-1.63572	0.194482	1.30897	1.30897	0.0672139	1.49536	1.49536	2.27535	1.38672	0.541735	1
cg22794244	OR10G9	0.13048	0.0536957	0.414571	-2.41213	0.130486	0.518725	-1.9278	0.0507064	0.408687	-2.44686	0.0260719	0.346012	-2.89007	0.0938053	0.476835	-2.09716	0.527972	0.773375	-1.29303	0.822241	1.09465	1.09465	0.313611	0.657788	-1.52025	0.601653	1.23576	1.23576	2.27534	5.82117	2.27411	1
cg21272279	GLIPR1L2	0.130484	0.107017	0.404834	-2.47015	0.0294106	0.267571	-3.73733	0.292469	0.570451	-1.753	0.785277	1.15068	1.15068	0.103476	0.400428	-2.49733	0.0356485	0.284579	-3.51396	0.0397273	0.294605	-3.39437	0.276078	0.558617	-1.79014	0.586733	0.754209	-1.32589	2.27531	9.51864	3.71862	1
cg14169790	QSOX1;QSOX1	0.130484	0.0226772	0.512117	-1.95268	0.471124	1.197	1.197	0.941829	0.982258	-1.01806	0.0985884	0.641268	-1.55941	0.0250897	0.520158	-1.92249	0.339299	0.785378	-1.27327	0.276027	0.757337	-1.32042	0.947407	1.01631	1.01631	0.147858	0.683289	-1.46351	2.27531	2.16827	0.847075	1
cg07324729	LPCAT1	0.130489	0.15128	0.508026	-1.9684	0.0760268	2.38574	2.38574	0.821364	0.9052	-1.10473	0.447717	0.711214	-1.40605	0.0864606	0.43428	-2.30266	0.0816398	0.42746	-2.3394	0.540327	1.31391	1.31391	0.976888	1.01284	1.01284	0.0571272	0.387559	-2.58025	2.27527	6.98929	2.73053	1
cg08382380	RPL13AP5;RPL13A	0.130489	0.810949	1.03005	1.03005	0.0886147	1.2612	1.2612	0.0456136	1.32733	1.32733	0.590768	1.06936	1.06936	0.951314	1.00757	1.00757	0.266363	0.86669	-1.15382	0.040074	0.745944	-1.34058	0.4503	1.09969	1.09969	0.28309	1.14773	1.14773	2.27527	0.55	0.214871	1
cg12601414	KIAA1958	0.13049	0.00889726	3.92948	3.92948	0.307501	0.647724	-1.54387	0.256184	1.62787	1.62787	0.38559	1.44151	1.44151	0.512116	1.31435	1.31435	0.992315	1.00397	1.00397	0.0712051	2.28988	2.28988	0.833304	0.917001	-1.09051	0.163368	1.84337	1.84337	2.27526	6.09066	2.37947	1
cg10708675	NQO1;NQO1;NQO1	0.130491	0.951669	1.02117	1.02117	0.177127	1.64176	1.64176	0.572193	1.21805	1.21805	0.045144	0.451873	-2.21301	0.820379	1.08177	1.08177	0.12732	1.76799	1.76799	0.360224	0.722468	-1.38414	0.0545874	2.12462	2.12462	0.257915	0.664981	-1.5038	2.27525	4.30392	1.68144	1
cg14461650	RNF149;RNF149	0.130492	0.113981	0.79943	-1.25089	0.0595083	1.31904	1.31904	0.262933	1.1641	1.1641	0.957481	1.00697	1.00697	0.903961	0.984408	-1.01584	0.762992	1.04016	1.04016	0.0193146	1.44536	1.44536	0.285195	1.15548	1.15548	0.186162	1.20018	1.20018	2.27525	0.610764	0.238612	1
cg20023578	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.130494	0.14006	0.660596	-1.51379	0.0607282	0.575699	-1.73702	0.564939	0.859037	-1.16409	0.0365487	0.530174	-1.88617	0.312072	0.761014	-1.31404	0.125009	0.648121	-1.54292	0.448475	0.817314	-1.22352	0.0149627	0.457794	-2.18439	0.10779	0.632352	-1.5814	2.27523	2.45769	0.960174	1
ch.1.4018176R	LGTN	0.130495	0.0233607	0.357824	-2.79467	0.355774	1.43375	1.43375	0.352417	0.695612	-1.43758	0.381874	0.711646	-1.40519	0.216377	1.63794	1.63794	0.68723	0.857683	-1.16593	0.0991184	0.503708	-1.98528	0.0518658	0.43208	-2.31438	0.709417	0.867638	-1.15255	2.27523	5.18438	2.02544	1
cg19872019	NCRNA00171	0.130495	0.116369	0.526096	-1.9008	0.235212	0.626064	-1.59728	0.299644	0.667236	-1.49872	0.362244	0.702927	-1.42262	0.0136878	0.317381	-3.15079	0.0293876	0.380694	-2.62678	0.0526501	0.436379	-2.29158	0.209232	0.607619	-1.64577	0.319621	0.679002	-1.47275	2.27522	5.10569	1.9947	1
cg18875371	C14orf23;C14orf23	0.130496	0.442023	1.30019	1.30019	0.0926592	1.85825	1.85825	0.963642	1.01538	1.01538	0.678794	1.14964	1.14964	0.707223	1.13468	1.13468	0.94665	0.97784	-1.02266	0.57588	0.827571	-1.20836	0.00374937	3.70768	3.70768	0.737906	1.11903	1.11903	2.27522	4.04083	1.57868	1
cg14873240	SLC7A14	0.130496	0.139444	0.869439	-1.1501	0.119683	0.862035	-1.16005	0.683411	0.964589	-1.03671	0.0480491	0.819796	-1.21982	0.290495	0.908048	-1.10126	0.276388	0.905243	-1.10468	0.943556	0.993793	-1.00625	0.00689896	0.735274	-1.36004	0.367131	0.921767	-1.08487	2.27521	0.2786	0.108845	1
cg19142682	HCG27	0.1305	0.938425	0.971595	-1.02924	0.498575	0.773959	-1.29206	0.991574	1.00395	1.00395	0.629562	1.19874	1.19874	0.680919	0.857086	-1.16674	0.480308	1.30683	1.30683	0.00308546	0.22078	-4.52939	0.784544	0.902834	-1.10762	0.336357	0.690923	-1.44734	2.27518	5.01276	1.95843	1
cg00458211	IFI44L	0.1305	0.274208	0.674267	-1.48309	0.0310059	0.415955	-2.40411	0.599617	0.832356	-1.20141	0.386502	1.36004	1.36004	0.03268	0.420706	-2.37695	0.0617831	0.482533	-2.0724	0.894022	0.954879	-1.04725	0.91721	1.03668	1.03668	0.108974	0.545791	-1.8322	2.27518	4.32402	1.68935	1
cg25141133	FRMPD4	0.130504	0.28968	0.548776	-1.82224	0.0803104	0.346696	-2.88437	0.732185	0.828975	-1.20631	0.01101	5.70594	5.70594	0.716357	0.819359	-1.22047	0.384524	0.614574	-1.62714	0.969237	0.979163	-1.02128	0.496716	1.4576	1.4576	0.431714	1.54984	1.54984	2.27515	10.7426	4.19709	1
cg10939004	CPN2	0.130504	0.713923	0.887112	-1.12725	0.401622	1.32218	1.32218	0.30399	1.41389	1.41389	0.434745	1.296	1.296	0.00742415	0.325671	-3.07058	0.17439	0.62498	-1.60005	0.469894	1.27021	1.27021	0.645752	1.16251	1.16251	0.891393	1.04545	1.04545	2.27515	3.81378	1.49003	1
cg26277368	ZNF524;FIZ1	0.130506	0.00649525	0.501367	-1.99455	0.924911	0.98177	-1.01857	0.973688	0.993584	-1.00646	0.423697	1.17289	1.17289	0.38428	0.840211	-1.19018	0.606721	0.903629	-1.10665	0.0513827	0.648627	-1.54172	0.67779	1.08496	1.08496	0.999374	0.999847	-1.00015	2.27513	1.37246	0.536216	1
cg04074157	SPDYE6	0.130508	0.0649075	0.266443	-3.75314	0.263407	0.475266	-2.10408	0.124122	0.345617	-2.89338	0.129881	0.352079	-2.84027	0.0174109	0.15767	-6.34235	0.0704929	0.275329	-3.63202	0.0505344	0.241269	-4.14476	0.276716	0.485855	-2.05823	0.153904	0.377571	-2.64851	2.27512	14.6687	5.73105	1
cg14455421	ASB16	0.130511	0.0849754	0.43077	-2.32142	0.936261	1.036	1.036	0.219765	1.76924	1.76924	0.31268	0.630175	-1.58686	0.0272914	0.315096	-3.17364	0.877108	0.933866	-1.07082	0.0358764	0.339788	-2.94301	0.574697	1.28491	1.28491	0.925176	0.959317	-1.04241	2.2751	7.04437	2.75226	1
cg14594044	TBC1D14;TBC1D14	0.130511	0.0728496	0.495262	-2.01913	0.477204	1.28891	1.28891	0.358629	1.39302	1.39302	0.923917	1.03411	1.03411	0.0339196	0.419139	-2.38584	0.0868454	1.94268	1.94268	0.186254	1.63571	1.63571	0.668697	1.1632	1.1632	0.805454	0.916993	-1.09052	2.27509	4.44331	1.73602	1
cg02360939	GATA6	0.130512	0.678889	0.837224	-1.19442	0.333399	0.653238	-1.53084	0.0599389	2.47393	2.47393	0.213725	1.74848	1.74848	0.995113	0.99739	-1.00262	0.210967	0.56979	-1.75503	0.808584	0.901604	-1.10913	0.0293609	2.9898	2.9898	0.124971	2.03152	2.03152	2.27509	6.56282	2.56413	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10930502	SLC26A11;SLC26A11;SLC26A11;SLC26A11;SGSH	0.130512	0.286533	0.714701	-1.39919	0.365015	0.753906	-1.32643	0.121746	0.601028	-1.66381	0.957534	0.983969	-1.01629	0.00505918	0.324673	-3.08002	0.277058	0.709569	-1.40931	0.0634335	0.530753	-1.88411	0.293727	0.718531	-1.39173	0.43672	0.786	-1.27226	2.27509	3.31893	1.29672	1
cg06031301	PLCG2	0.130513	0.269405	0.504499	-1.98216	0.908506	0.933897	-1.07078	0.175515	0.424459	-2.35594	0.156629	0.40604	-2.46281	0.130668	0.378717	-2.6405	0.0717991	0.302488	-3.30591	0.0121975	0.156006	-6.41002	0.0837263	0.320274	-3.12233	0.083003	0.31924	-3.13244	2.27508	12.7507	4.98177	1
cg04656171	EHD4	0.130513	0.111244	1.39949	1.39949	0.0564785	1.51945	1.51945	0.101577	1.41518	1.41518	0.587281	1.11202	1.11202	0.874272	0.969787	-1.03115	0.120533	1.38573	1.38573	0.0147272	1.78886	1.78886	0.12752	1.37609	1.37609	0.947949	0.987431	-1.01273	2.27508	1.35238	0.528384	1
cg11921958	ANKRD13D;ANKRD13D	0.130517	0.0897401	0.562448	-1.77794	0.0210778	2.34782	2.34782	0.399277	0.766838	-1.30406	0.457991	0.792545	-1.26176	0.453655	1.2647	1.2647	0.761602	0.910638	-1.09813	0.371167	1.32645	1.32645	0.177203	1.55464	1.55464	0.277213	0.706331	-1.41577	2.27505	3.41034	1.33246	1
cg00731304	RNF144B	0.13052	0.812173	1.16827	1.16827	0.0225683	0.167901	-5.9559	0.0372312	0.205989	-4.85463	0.179354	2.53918	2.53918	0.280536	0.48054	-2.08099	0.372292	0.549662	-1.8193	0.411409	0.57767	-1.73109	0.468554	0.617654	-1.61903	0.402902	1.74938	1.74938	2.27502	15.38	6.00924	1
cg08299755	ZFYVE27;ZFYVE27;ZFYVE27	0.130522	0.214567	1.20125	1.20125	0.461241	0.900084	-1.11101	0.621993	0.932634	-1.07223	0.921434	1.01394	1.01394	0.492297	1.10282	1.10282	0.574219	0.923422	-1.08293	0.00710425	0.613819	-1.62914	0.812699	0.967237	-1.03387	0.178171	1.22235	1.22235	2.275	0.709623	0.277264	1
cg14598306	DACT3	0.130527	0.617802	1.2878	1.2878	0.554332	1.35084	1.35084	0.583664	1.32086	1.32086	0.711272	1.20555	1.20555	0.616746	1.28879	1.28879	0.334313	1.64982	1.64982	0.00438442	0.147632	-6.77358	0.846586	1.10229	1.10229	0.478808	1.43623	1.43623	2.27496	9.10887	3.55908	1
cg16031136	LYN;LYN	0.130529	0.329499	0.761778	-1.31272	0.056217	0.557301	-1.79436	0.355815	0.773514	-1.2928	0.351091	0.771444	-1.29627	0.412774	0.797391	-1.25409	0.0540108	0.553566	-1.80647	0.0445278	1.86598	1.86598	0.673417	1.12144	1.12144	0.309899	0.752681	-1.32858	2.27495	2.63411	1.02922	1
cg05773155	LMOD1	0.13053	0.557545	0.819778	-1.21984	0.476274	0.784535	-1.27464	0.242111	0.663538	-1.50707	0.293457	0.69412	-1.44067	0.0579067	0.487597	-2.05087	0.706499	0.880962	-1.13512	0.0174065	2.63804	2.63804	0.441117	1.30105	1.30105	0.634613	1.17398	1.17398	2.27494	4.04421	1.58019	1
cg08969328	ATG4B;ATG4B	0.130532	0.368478	1.12676	1.12676	0.896497	1.01696	1.01696	0.0951083	0.789024	-1.26739	0.0623911	1.31129	1.31129	0.520185	1.08787	1.08787	0.420998	1.11206	1.11206	0.0155231	1.46745	1.46745	0.694291	0.950242	-1.05236	0.802487	0.968136	-1.03291	2.27493	0.601491	0.235023	1
cg15382669	IFNAR1	0.130532	0.411196	0.90084	-1.11008	0.502653	1.08822	1.08822	0.0833735	1.26894	1.26894	0.218421	1.17454	1.17454	0.0158647	1.44362	1.44362	0.126957	1.22769	1.22769	0.584378	0.933657	-1.07106	0.348105	0.886876	-1.12755	0.36049	1.12392	1.12392	2.27492	0.556425	0.217414	1
cg18662566	AMMECR1L	0.130533	0.161891	0.684206	-1.46155	0.533586	1.17375	1.17375	0.2186	1.38928	1.38928	0.65448	1.12127	1.12127	0.242233	0.732726	-1.36477	0.635514	0.885752	-1.12898	0.619142	1.13578	1.13578	0.010197	0.43907	-2.27754	0.40111	1.24404	1.24404	2.27492	2.32607	0.908875	1
cg11414046	BRAF	0.130533	0.402157	0.884987	-1.12996	0.517474	0.910728	-1.09802	0.667823	0.940334	-1.06345	0.210436	0.828568	-1.2069	0.356452	0.873579	-1.14472	0.0131873	0.645404	-1.54942	0.0143377	0.650363	-1.5376	0.135742	0.795244	-1.25748	0.965194	1.00624	1.00624	2.27492	0.731625	0.285871	1
cg17960769	C1orf113;C1orf113;C1orf113	0.130533	0.474518	0.829097	-1.20613	0.18225	1.44025	1.44025	0.0568703	1.74256	1.74256	0.0376269	0.537153	-1.86167	0.57925	1.15527	1.15527	0.88492	0.963367	-1.03803	0.709135	0.907956	-1.10137	0.115254	0.643214	-1.55469	0.288524	0.752815	-1.32835	2.27491	2.39259	0.934869	1
cg09303043	ALDH3A2;ALDH3A2	0.130534	0.0246163	0.556017	-1.79851	?	?	?	0.767709	0.93711	-1.06711	0.577514	0.883911	-1.13134	0.98488	0.995853	-1.00416	0.722368	0.924749	-1.08137	0.0245212	1.79946	1.79946	0.532171	1.14885	1.14885	0.617185	1.11685	1.11685	2.29559	1.55413	0.677006	1
cg24067982	TCERG1L	0.130534	0.443466	0.838116	-1.19315	0.213556	1.34452	1.34452	0.799921	0.944214	-1.05908	0.502183	1.16642	1.16642	0.145192	1.42415	1.42415	0.354316	0.806232	-1.24034	0.055697	0.61261	-1.63236	0.0298711	1.78175	1.78175	0.667981	1.10244	1.10244	2.27491	1.8406	0.719187	1
cg26945643	TTYH3	0.13054	0.145022	0.73119	-1.36763	0.281901	1.25069	1.25069	0.179729	1.32981	1.32981	0.409392	1.18385	1.18385	0.544148	0.884434	-1.13067	0.905236	0.976458	-1.02411	0.0148314	1.8214	1.8214	0.223795	0.774405	-1.29131	0.676788	0.919561	-1.08748	2.27486	1.44171	0.563341	1
cg14866827	EZH1	0.130543	0.186519	0.545472	-1.83327	0.554735	0.77213	-1.29512	0.029462	0.329625	-3.03375	0.111353	2.11836	2.11836	0.306813	0.632603	-1.58077	0.286148	0.619133	-1.61516	0.12467	0.486998	-2.0534	0.195859	1.80765	1.80765	0.974895	0.986472	-1.01371	2.27483	6.74942	2.63733	1
cg08111284	TNXB	0.130545	0.0340577	0.266411	-3.7536	0.15075	0.43891	-2.27837	0.0917403	0.370548	-2.6987	0.309972	0.570198	-1.75378	0.0623347	0.325671	-3.07059	0.235965	0.514751	-1.94269	0.0175676	0.213299	-4.68826	0.178018	0.465199	-2.14962	0.151847	0.440017	-2.27264	2.27482	10.3011	4.02517	1
cg22567613	CNNM1	0.130546	0.936438	0.969126	-1.03186	0.0614508	0.436728	-2.28975	0.0829476	0.470069	-2.12735	0.263554	1.58133	1.58133	0.124001	0.519457	-1.92509	0.679355	0.849226	-1.17754	0.0385928	0.389824	-2.56526	0.13143	0.527123	-1.89709	0.116991	0.51193	-1.95339	2.27481	5.57	2.17649	1
cg03986968	AVEN;CHRM5	0.130548	0.33952	1.21257	1.21257	0.955507	1.01098	1.01098	0.127924	1.38022	1.38022	0.251371	0.79086	-1.26445	0.130709	0.726482	-1.3765	0.878802	0.970565	-1.03033	0.147548	0.737678	-1.3556	0.0686621	1.49034	1.49034	0.104361	1.41567	1.41567	2.2748	1.38112	0.53968	1
cg16424182	TSC2;TSC2;TSC2	0.13055	0.562818	0.771734	-1.29578	0.0528701	0.377363	-2.64997	0.321393	0.635256	-1.57417	0.107684	0.459546	-2.17606	0.832493	0.91046	-1.09835	0.0812376	0.424829	-2.35389	0.027833	0.316204	-3.16251	0.26827	0.600073	-1.66646	0.0239232	0.303193	-3.29823	2.27478	7.06699	2.76148	1
cg09559904	IER5L;IER5L	0.130551	0.479132	0.897754	-1.11389	0.721882	1.05504	1.05504	0.539041	1.09772	1.09772	0.250038	0.835096	-1.19747	0.202191	0.817201	-1.22369	0.0396285	0.69997	-1.42863	0.01613	0.64318	-1.55477	0.380781	1.14428	1.14428	0.722213	1.05497	1.05497	2.27477	0.809712	0.316403	1
cg24203800	MFSD6L	0.130552	0.051468	2.91514	2.91514	0.0345931	3.28398	3.28398	0.122756	2.24111	2.24111	0.223378	1.85404	1.85404	0.281775	1.71566	1.71566	0.377826	1.54755	1.54755	0.0354717	3.25933	3.25933	0.0658947	2.70689	2.70689	0.0684386	2.67625	2.67625	2.27476	8.39	3.27848	1
ch.19.1079710	RHPN2	0.130554	0.350854	0.517419	-1.93267	0.0133568	0.122093	-8.19046	0.187945	0.383867	-2.60507	0.358113	0.522842	-1.91263	0.903941	0.920491	-1.08638	0.0161809	0.132827	-7.5286	0.132505	0.328274	-3.04624	0.185622	0.381699	-2.61987	0.519515	0.638874	-1.56525	2.27475	16.9645	6.62909	1
cg03876823	AHCY	0.130555	0.0456682	0.60061	-1.66497	0.274931	0.776675	-1.28754	0.8665	1.03814	1.03814	0.0391674	0.587997	-1.70069	0.0569741	0.619249	-1.61486	0.169461	0.722056	-1.38493	0.162087	0.717389	-1.39394	0.212049	0.746411	-1.33975	0.0350849	0.579108	-1.72679	2.27474	1.78347	0.696919	1
cg14347088	LRFN5	0.130556	0.865935	1.03114	1.03114	0.776508	0.949661	-1.05301	0.106037	1.37763	1.37763	0.922567	0.982511	-1.0178	0.151938	0.756875	-1.32122	0.0285995	0.625813	-1.59792	0.855808	1.03356	1.03356	0.803086	1.04639	1.04639	0.0507778	1.49763	1.49763	2.27473	1.18655	0.463666	1
cg19982089	NDNL2;FAM189A1	0.130558	0.467283	0.821125	-1.21784	0.122932	1.56097	1.56097	0.00975396	2.38896	2.38896	0.775965	1.07899	1.07899	0.251373	1.37616	1.37616	0.752722	0.919236	-1.08786	0.752219	1.08805	1.08805	0.0981854	1.62142	1.62142	0.110935	1.5884	1.5884	2.27471	2.55761	0.999434	1
cg15805553	HEATR6	0.13056	0.0712774	0.474621	-2.10694	0.288579	0.665285	-1.50311	0.0814653	0.489501	-2.0429	0.172421	1.71124	1.71124	0.768099	1.11559	1.11559	0.933832	0.96975	-1.03119	0.153232	0.567931	-1.76078	0.0784943	2.06053	2.06053	0.603643	1.21379	1.21379	2.2747	4.92987	1.92645	1
cg07364608	TRAPPC2L;TRAPPC2L;GALNS	0.13056	0.829137	1.03261	1.03261	0.087703	1.32291	1.32291	0.957453	1.00795	1.00795	0.0878953	1.32264	1.32264	0.114515	1.29025	1.29025	0.064289	1.36156	1.36156	0.24628	0.835261	-1.19723	0.0583208	1.37386	1.37386	0.50066	0.903496	-1.10681	2.2747	0.794038	0.310288	1
cg01515070	NPTXR	0.130561	0.464638	1.16991	1.16991	0.299556	0.797163	-1.25445	0.0220719	0.560549	-1.78397	0.684119	1.09008	1.09008	0.0180618	0.545768	-1.83228	0.471861	0.857007	-1.16685	0.772743	0.940771	-1.06296	0.473773	0.857596	-1.16605	0.110418	0.692938	-1.44313	2.27469	1.60174	0.625919	1
cg05241619	CIITA	0.130563	0.727098	0.949655	-1.05301	0.592955	1.0828	1.0828	0.312943	0.857372	-1.16636	0.783147	1.04151	1.04151	0.561722	0.917131	-1.09036	0.340281	0.865112	-1.15592	0.00499119	1.72953	1.72953	0.569273	0.918692	-1.0885	0.592182	0.923372	-1.08299	2.27468	0.783114	0.306022	1
cg17124278	BAT4;BAT4;CSNK2B	0.130564	0.948563	1.02578	1.02578	0.462699	0.744567	-1.34306	0.150111	0.544064	-1.83802	0.212604	1.67859	1.67859	0.37602	0.698764	-1.4311	0.00513316	0.232582	-4.29956	0.463647	0.74505	-1.34219	0.849615	0.927843	-1.07777	0.778424	0.894674	-1.11773	2.27467	5.60797	2.19147	1
cg01772980	SCGB1D1	0.130564	0.0394824	0.157985	-6.3297	0.80338	0.824258	-1.21321	0.545539	0.622538	-1.60633	0.225952	0.373397	-2.67812	0.0277454	0.133241	-7.50521	0.675185	0.721436	-1.38612	0.0209092	0.116107	-8.61277	0.124545	0.275716	-3.62693	0.1617	0.314196	-3.18273	2.27467	21.6239	8.45013	1
cg25966705	NKAIN3	0.130573	0.607183	0.815414	-1.22637	0.130655	1.9009	1.9009	0.839965	1.08282	1.08282	0.598723	0.811424	-1.2324	0.0333052	0.375725	-2.66152	0.101644	0.494015	-2.02423	0.068309	0.447896	-2.23266	0.0799282	0.465514	-2.14816	0.639733	0.830679	-1.20384	2.2746	5.5784	2.17998	1
cg05480640	MED14	0.13058	0.20944	1.28706	1.28706	0.806301	0.954216	-1.04798	0.330057	1.21135	1.21135	0.00712044	1.94086	1.94086	0.106507	1.39965	1.39965	0.655037	0.917791	-1.08957	0.545184	1.1239	1.1239	0.110064	1.3941	1.3941	0.754556	0.941927	-1.06165	2.27454	1.31095	0.512316	1
cg10245778	C6orf174	0.130583	0.265732	0.846243	-1.18169	0.545053	0.915604	-1.09218	0.692282	1.05893	1.05893	0.605948	0.927828	-1.07779	0.0460212	1.38979	1.38979	0.441409	0.893148	-1.11964	0.0350196	0.702159	-1.42418	0.138419	0.794827	-1.25813	0.267156	1.18106	1.18106	2.27452	0.746478	0.291726	1
cg09500421	C5orf49	0.130584	0.065151	0.626831	-1.59533	0.615635	1.12096	1.12096	0.536187	1.15178	1.15178	0.100401	0.666309	-1.5008	0.0331527	0.570184	-1.75382	0.918403	1.02338	1.02338	0.149859	1.4166	1.4166	0.215811	0.745384	-1.34159	0.436482	0.836044	-1.19611	2.27451	1.83307	0.716371	1
cg27468704	HPS4;HPS4	0.130587	0.853769	0.928469	-1.07704	0.319021	0.660833	-1.51324	0.731526	0.87063	-1.14859	0.508482	1.30973	1.30973	0.0368659	0.37711	-2.65175	0.151145	0.538595	-1.85668	0.0170184	0.31023	-3.22342	0.0572625	0.420974	-2.37544	0.779104	0.893051	-1.11976	2.27449	5.82883	2.27796	1
cg12555380	GABRA5;GABRA5	0.130587	0.103268	3.18554	3.18554	0.212218	2.34979	2.34979	0.630794	0.729904	-1.37004	0.615426	1.39001	1.39001	0.163768	2.62787	2.62787	0.137972	2.82496	2.82496	0.0116589	7.76451	7.76451	0.0606736	3.95516	3.95516	0.1898	2.46682	2.46682	2.27448	15.2275	5.95105	1
cg11617006	FLJ23834	0.130589	0.0826856	0.228447	-4.37738	0.824102	1.18652	1.18652	0.966492	0.968243	-1.0328	0.119927	0.273594	-3.65506	0.0478265	0.175821	-5.6876	0.110784	0.263194	-3.79949	0.0318032	0.144684	-6.91161	0.0509789	0.181257	-5.51704	0.553296	0.630829	-1.58522	2.27447	21.2608	8.30897	1
cg18938933	CLCNKB;CLCNKB	0.130592	0.838725	1.04023	1.04023	0.0454783	1.55895	1.55895	0.529328	0.883956	-1.13128	0.213751	0.776157	-1.2884	0.026577	0.601227	-1.66327	0.728798	1.06969	1.06969	0.828972	0.95899	-1.04276	0.0907179	0.697163	-1.43439	0.825964	1.04355	1.04355	2.27445	1.3496	0.527445	1
cg05026658	DPY19L2P2;DPY19L2P2	0.130595	0.181835	0.627487	-1.59366	0.0159152	0.378754	-2.64023	0.941873	1.02427	1.02427	0.0843133	0.533678	-1.87379	0.0631941	0.503017	-1.98801	0.981673	1.00758	1.00758	0.199998	0.640695	-1.56081	0.337479	1.38427	1.38427	0.903452	0.96088	-1.04071	2.27442	3.89527	1.52235	1
cg15435765	COL1A1	0.130599	0.370329	1.53992	1.53992	0.654217	0.809305	-1.23563	0.0719655	0.389606	-2.5667	0.00774659	0.200879	-4.97811	0.75306	1.15964	1.15964	0.144295	0.479019	-2.0876	0.587279	0.77322	-1.29329	0.268191	0.582026	-1.71814	0.747335	0.859254	-1.1638	2.27439	7.93312	3.10047	1
cg03322670	LASP1	0.1306	0.319701	1.197	1.197	0.966857	0.992761	-1.00729	0.60185	0.912057	-1.09642	0.895685	1.0232	1.0232	0.407078	1.15986	1.15986	0.856191	1.03223	1.03223	0.00434903	0.5136	-1.94704	0.415412	0.864531	-1.1567	0.573385	1.10461	1.10461	2.27438	1.10151	0.4305	1
cg00052684	FKBP5	0.130603	0.0239234	0.240714	-4.15431	0.463244	1.48382	1.48382	0.10918	0.39723	-2.51743	0.0994033	0.384966	-2.59763	0.44112	1.51464	1.51464	0.679291	1.24574	1.24574	0.624661	1.29773	1.29773	0.164048	2.19204	2.19204	0.518034	0.70726	-1.41391	2.27436	10.0624	3.9327	1
cg02492207	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.130603	0.0869894	0.398913	-2.50681	0.0285531	0.284709	-3.51235	0.894886	1.06639	1.06639	0.95435	1.02823	1.02823	0.0365421	0.306818	-3.25926	0.76715	0.865556	-1.15533	0.0363163	0.306244	-3.26537	0.784876	0.875426	-1.1423	0.194932	0.513434	-1.94767	2.27436	8.5164	3.32847	1
cg01427436	GALNT7	0.130607	0.0894546	2.4108	2.4108	0.0473973	2.90358	2.90358	0.191657	1.91476	1.91476	0.204997	1.87471	1.87471	0.336648	1.59288	1.59288	0.0399615	0.327668	-3.05187	0.739304	1.16993	1.16993	0.356662	1.5613	1.5613	0.783538	1.13816	1.13816	2.27433	7.95486	3.10905	1
cg06434428	HAPLN1;HAPLN1	0.130608	0.435522	1.14282	1.14282	0.247664	1.22485	1.22485	0.189104	1.26295	1.26295	0.0200905	1.60097	1.60097	0.318608	1.18883	1.18883	0.238525	1.23018	1.23018	0.00812801	1.76575	1.76575	0.339325	1.1797	1.1797	0.320229	1.18809	1.18809	2.27432	1.01426	0.396412	1
cg05584950	ATOH8	0.130611	0.045036	0.20969	-4.76894	0.0675153	0.248767	-4.01983	0.111341	0.307908	-3.24772	0.319712	0.497388	-2.0105	0.0194824	0.146903	-6.80723	0.849506	0.878958	-1.13771	0.193917	0.393164	-2.54346	0.107463	0.303243	-3.29769	0.0910276	0.282426	-3.54075	2.2743	16.6158	6.49416	1
cg18774828	FIZ1	0.130613	0.260873	1.36504	1.36504	0.82409	1.06086	1.06086	0.874274	1.04292	1.04292	0.0460548	1.83432	1.83432	0.0673066	1.72307	1.72307	0.0382197	0.528654	-1.8916	0.47993	1.20994	1.20994	0.43561	0.809706	-1.23502	0.520008	1.18894	1.18894	2.27427	2.53666	0.991441	1
cg16230384	HLA-DPB2	0.130615	0.349039	0.742082	-1.34756	0.300465	0.717492	-1.39374	0.772212	0.914102	-1.09397	0.132005	0.604697	-1.65372	0.00832773	0.352233	-2.83903	0.827204	1.06998	1.06998	0.461502	1.26107	1.26107	0.975587	1.00951	1.00951	0.0606568	0.519734	-1.92406	2.27426	3.44853	1.34785	1
cg03208850	ZNF263	0.130619	0.614823	0.752782	-1.32841	0.135155	2.4631	2.4631	0.363997	1.6856	1.6856	0.209181	0.476693	-2.09779	0.0889053	0.34987	-2.8582	0.0241174	0.221958	-4.50537	0.37729	1.6604	1.6604	0.473532	1.50381	1.50381	0.797571	0.86601	-1.15472	2.27423	11.2833	4.41009	1
cg01155058	CHTF8;CHTF8;CHTF8;CIRH1A;CHTF8;CHTF8;CHTF8	0.130619	0.477747	0.720125	-1.38865	0.2753	0.596746	-1.67575	0.462349	1.40541	1.40541	0.475496	0.718875	-1.39106	0.0299095	0.312843	-3.19649	0.482415	1.38368	1.38368	0.0294619	0.311506	-3.21021	0.17013	1.9437	1.9437	0.847794	0.916306	-1.09134	2.27423	7.45263	2.91288	1
cg14286928	EIF2S1;ATP6V1D;ATP6V1D	0.130619	0.645907	1.0607	1.0607	0.0738322	0.775848	-1.28891	0.399082	0.895871	-1.11623	0.849413	0.976081	-1.02451	0.824962	1.02861	1.02861	0.00680607	0.639801	-1.56299	0.650316	1.05985	1.05985	0.275291	0.865401	-1.15553	0.518563	1.08693	1.08693	2.27423	0.58433	0.228387	1
cg26269881	BHLHE40	0.130628	0.210136	0.602228	-1.6605	0.864734	0.936626	-1.06766	0.238805	0.622671	-1.60599	0.0221218	0.348689	-2.86789	0.037606	0.396059	-2.52488	0.216226	1.64825	1.64825	0.937269	0.970227	-1.03069	0.437222	1.3557	1.3557	0.350047	0.691172	-1.44682	2.27415	5.31076	2.0758	1
cg01678313	IQSEC1	0.13063	0.184214	0.562723	-1.77707	0.00777401	0.247806	-4.03541	0.246582	0.609822	-1.63982	0.952141	1.0248	1.0248	0.119649	0.501949	-1.99223	0.0776534	0.449104	-2.22666	0.331057	0.664068	-1.50587	0.146916	0.529709	-1.88783	0.848906	1.08096	1.08096	2.27414	6.00108	2.34564	1
cg22562219	DNASE1L1;DNASE1L1;DNASE1L1;DNASE1L1	0.130633	0.016271	3.27072	3.27072	0.752726	1.13594	1.13594	0.455368	0.735915	-1.35885	0.374196	0.692206	-1.44466	0.82086	0.912589	-1.09578	0.101122	2.06276	2.06276	0.306089	1.53321	1.53321	0.0475626	2.49407	2.49407	0.491542	1.32547	1.32547	2.27412	5.85817	2.28979	1
cg16564529	SRCIN1	0.13064	0.152581	0.449536	-2.22451	0.0663732	2.92843	2.92843	0.866873	0.916172	-1.0915	0.184342	2.08509	2.08509	0.719084	1.20742	1.20742	0.886055	0.927908	-1.07769	0.0215535	0.236846	-4.22215	0.309354	0.577532	-1.73151	0.952838	1.03135	1.03135	2.27406	9.80766	3.83363	1
cg10354764	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.130641	0.249311	0.677084	-1.47692	0.168283	0.621569	-1.60883	0.672326	0.871289	-1.14773	0.594983	0.840484	-1.18979	0.685025	1.14119	1.14119	0.854753	0.942379	-1.06114	0.00384831	0.283235	-3.53064	0.238442	0.670387	-1.49168	0.211973	0.653235	-1.53084	2.27405	3.77773	1.47665	1
cg24734300	HERPUD2	0.130648	0.242677	0.727876	-1.37386	0.174814	0.687349	-1.45486	0.861085	1.04655	1.04655	0.488268	1.20071	1.20071	0.0492783	0.558237	-1.79135	0.336835	0.773178	-1.29336	0.568454	0.860924	-1.16154	0.0368425	1.87744	1.87744	0.167028	0.682024	-1.46622	2.274	2.43051	0.95007	1
cg14744703	FAM125A	0.130649	0.611312	1.30144	1.30144	0.905715	0.940904	-1.06281	0.989301	0.99313	-1.00692	0.717582	1.2053	1.2053	0.629065	1.28431	1.28431	0.00478818	0.145899	-6.85407	0.421611	1.52506	1.52506	0.19801	2.0126	2.0126	0.736974	1.18921	1.18921	2.27399	9.51815	3.72058	1
cg06352803	FDPS;FDPS;FDPS	0.130649	0.192246	0.529423	-1.88885	0.052662	2.75936	2.75936	0.782418	0.880241	-1.13605	0.774235	1.1417	1.1417	0.0905775	0.423515	-2.36119	0.775079	0.876339	-1.14111	0.030128	0.308816	-3.23818	0.51537	1.35517	1.35517	0.374055	0.656772	-1.5226	2.27399	7.6461	2.98882	1
cg04756223	PRKCE	0.13065	0.334978	0.72165	-1.38571	0.0483606	0.477072	-2.09612	0.0277964	0.426058	-2.3471	0.22315	0.657076	-1.52189	0.22315	0.657076	-1.52189	0.840777	1.06822	1.06822	0.0979574	1.81411	1.81411	0.79931	1.08718	1.08718	0.676531	0.871399	-1.14758	2.27398	3.87668	1.51538	1
cg20034372	LOC145845	0.130652	0.0764284	0.269249	-3.71403	0.0734988	0.264911	-3.77486	0.2675	0.463497	-2.15751	0.172763	0.380642	-2.62714	0.19742	0.403722	-2.47695	0.177497	0.385181	-2.59618	0.0400468	0.206049	-4.85323	0.0286098	0.179225	-5.57958	0.0492733	0.22449	-4.45454	2.27396	15.9599	6.23869	1
cg11243634	TACSTD2	0.130654	0.816449	1.0483	1.0483	0.203425	0.761582	-1.31306	0.0517518	0.638198	-1.56691	0.180431	1.3345	1.3345	0.950568	1.01266	1.01266	0.275623	1.25871	1.25871	0.108127	1.42708	1.42708	0.933658	0.983251	-1.01703	0.0668906	0.659189	-1.51702	2.27395	1.48232	0.579442	1
cg05272349	PRDM6	0.130656	0.639407	1.36011	1.36011	0.925627	0.940961	-1.06274	0.460997	1.63095	1.63095	0.988769	0.990868	-1.00922	0.420768	0.585042	-1.70928	0.968823	0.974849	-1.0258	0.505557	0.643847	-1.55316	0.00334721	13.4939	13.4939	0.521509	1.52725	1.52725	2.27393	15.2985	5.98025	1
cg26444741	DPY19L2P2;DPY19L2P2	0.130661	0.144878	1.89646	1.89646	0.0610721	2.36972	2.36972	0.062125	2.35945	2.35945	0.411795	1.40919	1.40919	0.17788	1.79536	1.79536	0.084716	2.18	2.18	0.0205399	3.12867	3.12867	0.072557	2.26803	2.26803	0.125605	1.96897	1.96897	2.27389	6.01677	2.35202	1
cg04934246	NTM	0.130664	0.495975	0.704037	-1.42038	0.522439	0.719593	-1.38967	0.569425	0.746865	-1.33893	0.351078	0.614348	-1.62774	0.0192388	0.237506	-4.21043	0.329446	1.66681	1.66681	0.0688731	2.81097	2.81097	0.336024	0.604366	-1.65463	0.266913	1.79887	1.79887	2.27387	9.28024	3.62778	1
cg13022977	PLEKHG6;PLEKHG6;PLEKHG6	0.130666	0.31701	2.63194	2.63194	0.147339	4.28282	4.28282	0.159844	4.07578	4.07578	0.319718	2.61683	2.61683	0.368653	0.421543	-2.37224	0.430634	2.12244	2.12244	0.0524919	7.86742	7.86742	0.0393199	9.30548	9.30548	0.0283942	11.2501	11.2501	2.27385	31.5194	12.3215	1
cg27235034	HLA-J;NCRNA00171	0.130668	0.832364	1.01888	1.01888	0.052217	0.822948	-1.21514	0.492151	0.940292	-1.0635	0.335969	1.0915	1.0915	0.900395	1.01111	1.01111	0.526277	1.0583	1.0583	0.0244997	1.26676	1.26676	0.0984471	0.852209	-1.17342	0.885251	0.987338	-1.01282	2.27383	0.280452	0.109635	1
cg14526322	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.130668	0.912286	1.03562	1.03562	0.154177	0.615974	-1.62345	0.120086	0.585291	-1.70855	0.338085	0.730743	-1.36847	0.0825315	0.542888	-1.842	0.0264344	0.433423	-2.30721	0.382591	1.32901	1.32901	0.329262	1.3769	1.3769	0.136462	0.600716	-1.66468	2.27383	3.63383	1.42054	1
cg05489143	RPL14;RPL14	0.130671	0.813266	0.931493	-1.07355	0.926769	0.972806	-1.02795	0.812623	0.93126	-1.07381	0.860972	0.948785	-1.05398	0.882035	0.956445	-1.04554	0.0048767	0.326558	-3.06225	0.0324918	0.472052	-2.11841	0.440679	0.789924	-1.26594	0.666861	0.878202	-1.13869	2.27382	3.23904	1.26622	1
cg09907883	SEL1L	0.130671	0.88776	1.02169	1.02169	0.549422	0.912078	-1.0964	0.310786	0.852707	-1.17274	0.880764	1.02307	1.02307	0.859246	0.973391	-1.02734	0.261748	1.1946	1.1946	0.00809871	1.67394	1.67394	0.256617	1.1971	1.1971	0.0877016	1.33161	1.33161	2.27381	0.831349	0.324995	1
cg10161008	MACROD1	0.130671	0.231925	0.698607	-1.43142	0.164464	1.52857	1.52857	0.196283	1.4783	1.4783	0.0540218	0.534907	-1.86948	0.993987	1.00216	1.00216	0.567545	1.17975	1.17975	0.0354262	2.01507	2.01507	0.833418	0.941528	-1.0621	0.440224	0.798373	-1.25255	2.27381	2.94728	1.15217	1
cg01020475	ATP4B	0.130672	0.610483	1.21506	1.21506	0.0665971	0.458428	-2.18137	0.083719	0.483946	-2.06635	0.239834	0.627075	-1.59471	0.3905	1.39604	1.39604	0.590276	0.81374	-1.22889	0.0597325	2.23807	2.23807	0.80826	0.911933	-1.09657	0.11369	0.520682	-1.92056	2.2738	5.17787	2.02416	1
cg11813455	ESR1;ESR1;ESR1;ESR1;ESR1	0.130673	0.0478905	0.660328	-1.5144	0.397529	0.853036	-1.17228	0.157854	0.757996	-1.31927	0.116719	0.731446	-1.36716	0.0340998	0.63524	-1.57421	0.284068	0.815303	-1.22654	0.0146969	0.576335	-1.7351	0.39031	0.850851	-1.17529	0.820797	0.959224	-1.04251	2.2738	1.21245	0.473979	1
cg24813857	LDB2;LDB2	0.130675	0.0282825	0.208517	-4.79576	0.898457	0.925621	-1.08036	0.225026	0.462337	-2.16292	0.152027	0.394953	-2.53195	0.0349825	0.225948	-4.42579	0.0952387	0.329645	-3.03356	0.0374757	0.231884	-4.31249	0.260989	0.491788	-2.0334	0.145324	0.388026	-2.57715	2.27378	13.1982	5.15956	1
cg13219922	VWF	0.130675	0.0666112	0.47014	-2.12703	0.46383	1.31469	1.31469	0.0218365	0.36429	-2.74506	0.41087	0.734492	-1.36148	0.123392	0.542048	-1.84486	0.802747	0.912249	-1.09619	0.069228	0.474299	-2.10837	0.0661494	0.469393	-2.13041	0.616595	0.83091	-1.2035	2.27378	4.84891	1.89558	1
cg16531520	INPP5A	0.13068	0.277057	0.715948	-1.39675	0.630844	0.866657	-1.15386	0.248825	1.42803	1.42803	0.211927	1.47501	1.47501	0.00974498	0.380504	-2.6281	0.183491	0.658943	-1.51758	0.983557	0.993927	-1.00611	0.533315	1.20502	1.20502	0.591582	0.852065	-1.17362	2.27374	3.14615	1.22995	1
cg10068539	MARK2;MARK2;MARK2;MARK2	0.130682	0.100346	0.606416	-1.64903	0.88831	1.03982	1.03982	0.209157	1.44459	1.44459	0.363465	1.29629	1.29629	?	?	?	0.0439977	0.525664	-1.90236	0.13245	0.636918	-1.57006	0.1453	0.647568	-1.54424	0.582716	1.1667	1.1667	2.29438	2.49374	1.08689	1
cg24062526	POLR1A	0.130682	0.310987	2.55326	2.55326	0.0164709	13.7432	13.7432	0.021047	11.9605	11.9605	0.727748	1.36687	1.36687	0.258111	2.8726	2.8726	0.436316	2.03428	2.03428	0.205243	3.304	3.304	0.0420639	8.12242	8.12242	0.631242	1.54103	1.54103	2.27372	28.7957	11.2574	1
cg27233566	TRAIP	0.130684	0.951404	0.990273	-1.00982	0.135739	0.772701	-1.29416	0.043413	0.688983	-1.45142	0.0825415	1.36126	1.36126	0.428011	0.878286	-1.13858	0.257288	1.20878	1.20878	0.262419	0.829103	-1.20612	0.0915984	0.742351	-1.34707	0.596031	0.91777	-1.0896	2.27371	0.926312	0.362134	1
cg14477184	AIMP1;AIMP1;TBCK;TBCK;AIMP1;TBCK;AIMP1;TBCK	0.130684	0.771327	0.95446	-1.04771	0.02956	1.50646	1.50646	0.150183	1.27979	1.27979	0.660568	0.931764	-1.07323	0.196164	0.803643	-1.24433	0.655423	1.07448	1.07448	0.0322832	1.49327	1.49327	0.323714	1.17705	1.17705	0.578372	0.914122	-1.09395	2.27371	0.921139	0.360113	1
cg18369939	PRDM16;PRDM16	0.130687	0.0394592	0.448038	-2.23196	0.316528	0.705384	-1.41767	0.406425	1.33143	1.33143	0.536165	0.809661	-1.23509	0.013021	0.354007	-2.82481	0.956069	0.981604	-1.01874	0.877947	1.05316	1.05316	0.0863031	0.527978	-1.89402	0.384967	0.740658	-1.35015	2.27369	4.09074	1.59926	1
cg05316043	NRG3;NRG3	0.130687	0.116452	1.47695	1.47695	0.876754	0.965142	-1.03612	0.345883	1.24848	1.24848	0.306463	1.27387	1.27387	0.234038	1.33004	1.33004	0.349202	1.24647	1.24647	0.0559876	1.64036	1.64036	0.00867862	2.14845	2.14845	0.0847705	1.54619	1.54619	2.27368	1.88209	0.735796	1
cg27562005	EXOC2	0.130688	0.675214	0.799491	-1.2508	0.957071	0.971819	-1.029	0.480013	0.682993	-1.46414	0.168062	2.18177	2.18177	0.287733	0.556467	-1.79705	0.866809	1.09323	1.09323	0.0467307	3.35081	3.35081	0.0170735	4.68362	4.68362	0.26322	1.8578	1.8578	2.27368	10.1549	3.97003	1
cg20530843	CRELD1;CRELD1;CRELD1	0.130688	0.280317	0.651896	-1.53399	0.125388	1.8821	1.8821	0.755195	0.887587	-1.12665	0.0702516	2.16309	2.16309	0.792237	0.90425	-1.10589	0.333046	0.683383	-1.46331	0.0255966	0.363802	-2.74875	0.340558	0.687656	-1.45422	0.409917	0.725206	-1.37892	2.27368	5.23448	2.04641	1
cg23702945	ERN1	0.130688	0.27851	1.35857	1.35857	0.23776	1.39979	1.39979	0.584799	0.860667	-1.16189	0.504394	0.831746	-1.20229	0.801652	0.933838	-1.07085	0.382996	1.27543	1.27543	0.00991311	0.412317	-2.42532	0.316436	0.754532	-1.32533	0.177371	0.677148	-1.47678	2.27368	2.6631	1.04113	1
cg19951006	IL23A	0.130693	0.014086	0.225708	-4.4305	0.769166	0.865418	-1.15551	0.0250615	0.270047	-3.70306	0.20087	0.515018	-1.94168	0.0730983	0.374637	-2.66925	0.328858	0.609575	-1.64049	0.798015	1.13424	1.13424	0.711943	0.83346	-1.19982	0.249873	0.553967	-1.80516	2.27364	8.68752	3.39642	1
cg20092296	KNDC1	0.130696	0.42254	0.613493	-1.63001	0.789606	1.17292	1.17292	0.0768137	0.309234	-3.23379	0.614989	0.739	-1.35318	0.377189	0.582498	-1.71674	0.64754	0.759931	-1.31591	0.0096686	0.141887	-7.04787	0.178747	2.34425	2.34425	0.538977	1.44914	1.44914	2.27361	12.8081	5.00743	1
cg12040846	RUNDC3B;ABCB1;RUNDC3B;RUNDC3B	0.130703	0.852299	0.981171	-1.01919	0.116693	1.18986	1.18986	0.0436457	1.26687	1.26687	0.708789	1.039	1.039	0.518452	1.06904	1.06904	0.34464	1.10437	1.10437	0.0648221	0.809379	-1.23551	0.612764	1.05343	1.05343	0.0447362	1.26489	1.26489	2.27356	0.374513	0.146423	1
cg02774935	YPEL1	0.130704	0.0721578	0.30481	-3.28073	0.029212	4.57699	4.57699	0.752761	0.829385	-1.20571	0.442799	1.58921	1.58921	0.0954941	0.338187	-2.95695	0.283316	1.93459	1.93459	0.721384	0.808984	-1.23612	0.295449	1.90081	1.90081	0.768671	0.839799	-1.19076	2.27355	12.6187	4.93351	1
cg15218509	IFITM3;IFITM3	0.130705	0.537475	0.447236	-2.23596	0.0779944	12.4765	12.4765	0.221454	5.23981	5.23981	0.667914	1.74405	1.74405	0.715608	0.624029	-1.60249	0.0899712	0.0899492	-11.1174	0.122711	0.115861	-8.63105	0.0701106	13.5931	13.5931	0.407185	0.33531	-2.98231	2.27354	59.8044	23.3818	1
cg06654498	LONP2	0.130708	0.38343	0.900386	-1.11063	0.0242809	1.37061	1.37061	0.367202	1.11489	1.11489	0.505285	0.923703	-1.0826	0.428382	1.09958	1.09958	0.381798	1.11106	1.11106	0.0191795	1.39474	1.39474	0.233404	1.15799	1.15799	0.246591	1.15287	1.15287	2.27352	0.496325	0.194051	1
cg02351925	C19orf30;MIR7-3	0.130713	0.20067	1.82642	1.82642	0.0845749	0.427339	-2.34006	0.367828	0.662158	-1.51021	0.0449799	2.78809	2.78809	0.854246	1.08541	1.08541	0.326517	1.57057	1.57057	0.0729248	2.43872	2.43872	0.248796	1.71128	1.71128	0.55431	0.766007	-1.30547	2.27348	7.15141	2.79607	1
cg08361172	MAGI1;MAGI1;MAGI1	0.130714	0.0633859	0.271562	-3.6824	0.0462549	0.24032	-4.16112	0.842787	0.883388	-1.13201	0.103419	0.328853	-3.04087	0.00962049	0.129188	-7.74064	0.528474	0.671152	-1.48997	0.534698	0.675297	-1.48083	0.219498	0.446532	-2.23948	0.369424	0.56238	-1.77816	2.27347	14.0386	5.48888	1
cg27592331	GATA6	0.130718	0.132983	0.243616	-4.10481	?	?	?	0.795731	1.25359	1.25359	0.15965	3.70287	3.70287	0.463567	0.522062	-1.91548	?	?	?	0.151548	0.262202	-3.81386	0.0372768	8.21594	8.21594	0.876027	1.14569	1.14569	2.31947	21.6851	10.6847	1
cg06041240	NXT2	0.130719	0.32863	1.37426	1.37426	0.289532	1.4143	1.4143	0.0897035	0.554403	-1.80374	0.50682	0.808677	-1.23659	0.00894901	0.350507	-2.85301	0.50682	0.808677	-1.23659	0.908064	1.0371	1.0371	0.76422	1.09949	1.09949	0.363937	0.745142	-1.34203	2.27343	3.57972	1.39964	1
cg01614169	LRIT2	0.130721	0.795406	0.931967	-1.073	0.293473	0.744173	-1.34377	0.157768	0.663953	-1.50613	0.304462	1.33424	1.33424	0.0760125	0.585454	-1.70808	0.263417	1.37179	1.37179	0.128372	1.56152	1.56152	0.0740612	1.71561	1.71561	0.348751	1.29896	1.29896	2.27341	2.64718	1.03503	1
cg14903612	LOC283050;LOC283050;LOC283050	0.130721	0.046151	0.305367	-3.27475	0.133292	0.431361	-2.31825	0.37236	0.621575	-1.60882	0.31749	0.584802	-1.70998	0.0713502	0.351473	-2.84517	0.115323	0.411123	-2.43236	0.01319	0.202845	-4.92987	0.135775	0.434026	-2.30401	0.145095	0.443786	-2.25334	2.27341	9.70557	3.79481	1
cg15122384	ATP5A1;ATP5A1	0.130722	0.107871	0.679912	-1.47078	0.782412	1.06277	1.06277	0.552195	0.876126	-1.14139	0.0475017	0.607455	-1.64621	0.957769	1.01171	1.01171	0.630218	0.898826	-1.11256	0.841282	0.956868	-1.04508	0.1307	1.43173	1.43173	0.0384447	1.69448	1.69448	2.27341	1.74101	0.680725	1
cg09130556	CYP1B1	0.130722	0.16933	0.777038	-1.28694	0.728223	0.941665	-1.06195	0.369904	1.17193	1.17193	0.017619	0.60803	-1.64466	0.0941831	0.728299	-1.37306	0.388711	0.858814	-1.1644	0.646298	1.08287	1.08287	0.410516	1.15604	1.15604	0.226013	1.24489	1.24489	2.27341	1.06886	0.417918	1
cg15656769	LHFPL2	0.130722	0.397678	0.858424	-1.16493	0.130721	1.33333	1.33333	0.776091	1.05155	1.05155	0.447464	0.872422	-1.14623	0.631554	0.918356	-1.0889	0.120127	1.3461	1.3461	0.126328	0.747109	-1.33849	0.0426358	1.50898	1.50898	0.184871	0.780447	-1.28132	2.2734	1.11885	0.437463	1
cg25699052	FAM53B	0.130722	0.12181	1.3226	1.3226	0.0220311	1.58067	1.58067	0.177016	1.27026	1.27026	0.856489	0.970272	-1.03064	0.499395	0.891985	-1.1211	0.31875	1.18742	1.18742	0.0186813	1.60836	1.60836	0.810613	1.04083	1.04083	0.702312	1.06611	1.06611	2.2734	1.0007	0.391267	1
cg04219321	HLF	0.130723	0.703304	0.717205	-1.3943	0.0942454	4.94331	4.94331	0.18677	3.37238	3.37238	0.0273629	9.65438	9.65438	0.649238	0.671831	-1.48847	0.87295	1.14914	1.14914	0.917843	0.914273	-1.09376	0.729493	0.73968	-1.35194	0.0207116	11.2392	11.2392	2.2734	27.1675	10.6224	1
cg21603891	KCNJ2;KCNJ2	0.130725	0.738582	1.05497	1.05497	0.139852	1.2889	1.2889	0.193245	1.24602	1.24602	0.694285	0.938842	-1.06514	0.930131	0.986087	-1.01411	0.743393	0.948873	-1.05388	0.00708778	0.573589	-1.74341	0.9741	0.994827	-1.0052	0.533218	1.10608	1.10608	2.27338	0.918962	0.359313	1
cg00135121	TRIM43B	0.130725	0.069342	0.306456	-3.26312	0.349459	0.570837	-1.75181	0.0101697	0.151573	-6.59749	0.86874	0.908213	-1.10106	0.0350922	0.239527	-4.17489	0.406682	0.610118	-1.63903	0.237926	0.486938	-2.05365	0.132674	0.3889	-2.57136	0.312909	0.544657	-1.83602	2.27338	12.2	4.7702	1
cg12409149	LOC100270710	0.130727	0.243058	0.430505	-2.32285	0.0116216	0.11346	-8.81368	0.0159518	0.130563	-7.65913	0.617442	0.706508	-1.41541	0.537917	0.650319	-1.53771	0.184632	0.378789	-2.63999	0.485197	0.613041	-1.63121	0.118645	0.310775	-3.21776	0.457515	0.593345	-1.68536	2.27336	17.138	6.70098	1
cg25698236	MTNR1A	0.130731	0.365973	0.841451	-1.18842	0.365572	0.841322	-1.1886	0.522721	0.886569	-1.12794	0.121024	0.73163	-1.36681	0.769365	1.05617	1.05617	0.979077	0.995138	-1.00489	0.179912	1.30304	1.30304	0.664575	0.922117	-1.08446	0.00676144	0.520745	-1.92032	2.27333	1.2437	0.486296	1
cg04258771	C9orf40	0.130734	0.742693	0.940749	-1.06298	0.81086	0.956522	-1.04545	0.0474239	1.5227	1.5227	0.0294752	0.621671	-1.60857	0.432639	0.862026	-1.16006	0.218825	0.786799	-1.27097	0.0672374	0.683685	-1.46266	0.786178	0.950835	-1.05171	0.698485	1.07484	1.07484	2.27331	1.23765	0.483935	1
cg13279009	ITSN2;ITSN2;ITSN2	0.130736	0.108162	1.90432	1.90432	0.918731	1.03822	1.03822	0.914839	1.04009	1.04009	0.364944	1.40792	1.40792	0.214088	1.61724	1.61724	0.535803	1.25914	1.25914	0.0108971	3.23684	3.23684	0.123669	1.84559	1.84559	0.0293736	2.56764	2.56764	2.27329	4.86251	1.90131	1
cg07917843	DHX16;DHX16	0.130737	0.0810501	1.3305	1.3305	0.370678	1.14534	1.14534	0.198977	1.22185	1.22185	0.220401	1.20949	1.20949	0.458966	1.11775	1.11775	0.87473	0.976978	-1.02356	0.837269	1.03083	1.03083	0.00905193	1.63187	1.63187	0.0414721	1.41495	1.41495	2.27329	0.784625	0.3068	1
cg22234827	CKS1B;SHC1;SHC1;CKS1B	0.130737	0.754325	1.08009	1.08009	0.558442	1.1563	1.1563	0.782408	0.934312	-1.07031	0.0909769	1.57923	1.57923	0.157167	0.689846	-1.4496	0.206281	1.38703	1.38703	0.566546	0.867464	-1.15279	0.0644974	0.600681	-1.66478	0.0506705	0.578979	-1.72718	2.27329	2.16845	0.847898	1
cg02301907	PSMD9	0.130739	0.32106	0.782041	-1.27871	0.194076	0.719303	-1.39023	0.120154	1.49823	1.49823	0.262365	1.32345	1.32345	0.764743	0.930559	-1.07462	0.168148	0.703133	-1.42221	0.0883815	0.637089	-1.56964	0.0915726	0.640502	-1.56128	0.0859585	0.63443	-1.57622	2.27327	2.0704	0.809563	1
cg25661164	CXorf39;CXorf39	0.13074	0.146011	0.572349	-1.74718	0.0117451	0.324532	-3.08136	0.161174	0.585646	-1.70752	0.395632	1.36484	1.36484	0.912783	1.03995	1.03995	0.057138	0.463254	-2.15864	0.932198	1.03089	1.03089	0.335872	0.701317	-1.42589	0.896471	1.04765	1.04765	2.27326	4.60235	1.79961	1
cg16015205	SH3BGRL3	0.130741	0.582901	1.11716	1.11716	0.791178	0.948367	-1.05444	0.00308141	2.24627	2.24627	0.376157	1.19894	1.19894	0.631601	1.10132	1.10132	0.621453	1.10455	1.10455	0.370572	0.8322	-1.20163	0.682356	1.08568	1.08568	0.500396	1.14642	1.14642	2.27325	1.43683	0.561829	1
cg10068300	GNAL;GNAL;GNAL;GNAL	0.130742	0.688308	0.881144	-1.13489	0.2156	1.50525	1.50525	0.683592	1.13721	1.13721	0.195325	0.650658	-1.53691	0.125353	0.594215	-1.68289	0.135144	0.603277	-1.65761	0.364067	0.746267	-1.34	0.0250415	2.30826	2.30826	0.698776	1.12977	1.12977	2.27325	3.54485	1.38611	1
cg21270015	LARP7;LARP7	0.130742	0.0585777	1.8848	1.8848	0.965812	1.0128	1.0128	0.964665	1.01323	1.01323	0.486895	1.23311	1.23311	0.00983628	0.37988	-2.63241	0.726187	1.10993	1.10993	0.399434	0.774232	-1.2916	0.684099	1.12901	1.12901	0.436041	0.790006	-1.26581	2.27324	3.16796	1.23874	1
cg01464738	CELSR3	0.130743	0.947573	0.988264	-1.01188	0.147107	0.756297	-1.32223	0.0504831	0.670196	-1.4921	0.486615	0.880819	-1.13531	0.0358351	0.645061	-1.55024	0.935466	0.985567	-1.01464	0.246631	0.804524	-1.24297	0.455779	0.872519	-1.14611	0.0127121	0.573553	-1.74352	2.27324	1.16039	0.453738	1
cg23039471	AKAP5	0.130746	0.11939	1.82293	1.82293	0.0384084	2.3451	2.3451	0.101404	1.89127	1.89127	0.202945	1.61211	1.61211	0.0417655	2.30211	2.30211	0.0997467	1.89827	1.89827	0.601933	1.20562	1.20562	0.26191	0.659909	-1.51536	0.659807	1.17045	1.17045	2.27321	4.54495	1.7772	1
cg00328497	TAF4	0.130748	0.0958617	3.12417	3.12417	0.292774	1.97347	1.97347	0.440875	1.63154	1.63154	0.1733	2.46562	2.46562	0.223543	2.21776	2.21776	0.135758	2.72191	2.72191	0.0123874	6.95185	6.95185	0.0463167	4.14407	4.14407	0.0653322	3.62757	3.62757	2.27319	13.9664	5.46128	1
cg23843398	D2HGDH	0.130749	0.483406	1.1468	1.1468	0.496389	1.14204	1.14204	0.0738644	0.68171	-1.4669	0.0932074	1.42637	1.42637	0.835936	0.960905	-1.04069	0.491665	1.14376	1.14376	0.0214108	1.70167	1.70167	0.280224	1.24093	1.24093	0.394295	0.845526	-1.1827	2.27319	1.33149	0.520654	1
ch.17.2138644	TBC1D16	0.130749	0.116622	0.335572	-2.97999	0.00753953	0.110584	-9.04294	0.0469152	0.232983	-4.29216	0.166798	0.389048	-2.57038	0.159714	0.382039	-2.61753	0.266973	0.476786	-2.09738	0.229	0.44552	-2.24457	0.19967	0.419878	-2.38164	0.371415	0.555555	-1.8	2.27319	14.7677	5.77463	1
cg07407499	RAPSN;RAPSN	0.130749	0.0513333	0.487999	-2.04919	0.282734	0.69703	-1.43466	0.0605163	0.504402	-1.98255	0.748331	0.901144	-1.1097	0.00905784	0.342128	-2.92288	0.971451	0.988495	-1.01164	0.455869	0.782254	-1.27836	0.928581	1.02941	1.02941	0.193898	0.641165	-1.55966	2.27319	3.76441	1.47201	1
cg00504569	ARID5B	0.130752	0.0236132	0.342488	-2.91981	0.364436	0.691088	-1.44699	0.654119	1.19578	1.19578	0.450427	0.737212	-1.35646	0.0515544	0.415373	-2.40748	0.629858	0.824879	-1.2123	0.0667652	0.4427	-2.25886	0.751395	1.13429	1.13429	0.0468242	0.405648	-2.46519	2.27317	5.65882	2.2128	1
cg00851377	GPR85;GPR85;GPR85;GPR85;GPR85	0.130752	0.898075	1.03122	1.03122	0.942377	1.01749	1.01749	0.696676	1.09853	1.09853	0.369034	1.24772	1.24772	0.106857	1.52547	1.52547	0.297723	1.29558	1.29558	0.138251	0.681911	-1.46647	0.13544	0.679751	-1.47113	0.0208897	1.94812	1.94812	2.27316	2.0718	0.810148	1
cg04350520	PON3	0.130753	0.443981	0.613925	-1.62886	0.971738	0.978096	-1.02239	0.118253	0.346353	-2.88723	0.211317	0.439001	-2.2779	0.00682866	0.111848	-8.94069	0.0578427	0.261666	-3.82167	0.214892	0.44212	-2.26183	0.499599	0.651532	-1.53484	0.143486	0.374286	-2.67176	2.27316	14.0701	5.50195	1
cg04708313	GPC6	0.130756	0.46219	1.25802	1.25802	0.738783	0.902456	-1.10809	0.369025	0.753561	-1.32703	0.301782	1.38832	1.38832	0.58396	1.18483	1.18483	0.00668636	2.94164	2.94164	0.0991509	1.74089	1.74089	0.419366	1.28793	1.28793	0.51968	0.818599	-1.2216	2.27313	3.38606	1.32409	1
cg17200204	ABHD5	0.130758	0.0501996	0.794617	-1.25847	0.840503	0.979465	-1.02097	0.474205	1.07783	1.07783	0.0656146	0.808352	-1.23709	0.0530418	1.25404	1.25404	0.243351	0.881875	-1.13395	0.327384	1.10972	1.10972	0.753713	1.03294	1.03294	0.750241	1.03343	1.03343	2.27312	0.381732	0.149274	1
cg10372432	C14orf101	0.130763	0.20157	0.609539	-1.64058	0.054936	0.449781	-2.2233	0.0501223	0.440477	-2.27027	0.149882	0.567404	-1.76241	0.1046	0.521431	-1.9178	0.190869	0.601445	-1.66266	0.217291	1.61042	1.61042	0.601495	0.824129	-1.2134	0.075947	0.484331	-2.0647	2.27308	4.85107	1.89701	1
cg00320094	GPR177;GPR177	0.130767	0.0704961	0.192158	-5.20404	0.138246	0.271914	-3.67763	0.156936	0.290763	-3.43922	0.429768	0.518062	-1.93027	0.0416505	0.14715	-6.79579	0.490422	0.564626	-1.77108	0.0108198	0.0734061	-13.6228	0.317545	0.430401	-2.32341	0.131468	0.264836	-3.77593	2.27305	23.9685	9.37304	1
cg23424145	COL4A1	0.13077	0.249702	0.65658	-1.52304	0.0865595	1.93881	1.93881	0.3341	1.41679	1.41679	0.0969655	0.528816	-1.89102	0.0583438	0.473252	-2.11304	0.110853	0.544702	-1.83587	0.182978	0.610075	-1.63914	0.771437	0.903149	-1.10724	0.434941	0.756846	-1.32127	2.27302	4.40293	1.72181	1
cg18909879	C5orf43	0.13077	0.962837	0.990195	-1.0099	0.227916	0.765168	-1.3069	0.0389539	0.603222	-1.65777	0.803267	0.94858	-1.05421	0.682761	1.09079	1.09079	0.111607	0.693179	-1.44263	0.0485444	0.620916	-1.61052	0.189906	1.34128	1.34128	0.100284	0.683323	-1.46344	2.27302	1.61009	0.629644	1
cg06489653	INPP4A;INPP4A;INPP4A;INPP4A	0.130772	0.157053	1.20095	1.20095	0.109011	0.809392	-1.2355	0.206216	0.851015	-1.17507	0.113929	0.81214	-1.23132	0.65939	1.05513	1.05513	0.226361	1.16614	1.16614	0.0986345	1.24499	1.24499	0.340757	1.12613	1.12613	0.243	1.15931	1.15931	2.27301	0.527026	0.2061	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05655742	COX6A1	0.130772	0.585654	0.901386	-1.1094	0.242997	1.25914	1.25914	0.292011	1.229	1.229	0.368996	0.840282	-1.19008	0.193363	1.2964	1.2964	0.572887	1.11343	1.11343	0.0554183	0.663988	-1.50605	0.182479	1.30584	1.30584	0.0405674	1.56209	1.56209	2.273	1.28054	0.500774	1
cg19534586	EIF2B4;SNX17;EIF2B4;EIF2B4	0.130773	0.104044	0.810868	-1.23325	0.297591	1.13584	1.13584	0.268181	1.14574	1.14574	0.231231	0.862317	-1.15967	0.0539155	0.772498	-1.2945	0.0545689	0.77318	-1.29336	0.683826	0.952849	-1.04948	0.340827	0.890663	-1.12276	0.0985303	0.807586	-1.23826	2.27299	0.500912	0.195889	1
cg03539204	B4GALNT3	0.130774	0.10177	0.2702	-3.70097	0.548896	1.55751	1.55751	0.961912	0.965715	-1.0355	0.733951	0.779409	-1.28302	0.145708	0.319454	-3.13034	0.108107	0.277849	-3.59907	0.0307963	0.15677	-6.37876	0.0205064	0.130113	-7.68563	0.52901	0.627562	-1.59347	2.27299	19.2124	7.51331	1
cg07753598	CTDSP1;CTDSP1	0.130774	0.610924	1.20121	1.20121	0.00433617	3.90479	3.90479	0.0415494	2.31567	2.31567	0.759476	1.11597	1.11597	0.232121	1.56482	1.56482	0.436001	1.32838	1.32838	0.358369	1.40141	1.40141	0.591228	1.21375	1.21375	0.544249	1.24521	1.24521	2.27299	4.59609	1.79738	1
cg20351608	BIRC6	0.130778	0.275885	0.805031	-1.24219	0.928891	1.01722	1.01722	0.567111	0.89522	-1.11704	0.336088	0.827141	-1.20898	0.116102	0.721262	-1.38646	0.237815	0.789307	-1.26693	0.0836737	0.6933	-1.44238	0.0203406	1.70763	1.70763	0.634719	0.912493	-1.0959	2.27296	1.3179	0.515391	1
cg17373617	ZMYND8;ZMYND8;ZMYND8	0.130783	0.486198	1.20126	1.20126	0.988227	1.00383	1.00383	0.499155	1.19458	1.19458	0.22619	1.39005	1.39005	0.942084	0.981346	-1.01901	0.405546	1.24675	1.24675	0.00257331	2.95396	2.95396	0.41498	1.24103	1.24103	0.492244	1.19813	1.19813	2.27292	2.41775	0.945531	1
cg14305383	ASB6;ASB6	0.130783	0.660364	0.85197	-1.17375	0.0251663	2.62403	2.62403	0.11429	1.86329	1.86329	0.897063	1.04801	1.04801	0.201418	0.613369	-1.63034	0.322837	0.690744	-1.44771	0.78337	1.105	1.105	0.0608272	2.1504	2.1504	0.572982	0.813545	-1.22919	2.27292	4.72519	1.84792	1
cg00778928	MYO7B	0.130784	0.0752661	0.336034	-2.97589	0.0333918	0.25441	-3.93066	0.149276	0.426796	-2.34304	0.234539	0.503538	-1.98595	0.0320829	0.250943	-3.98496	0.249999	0.515859	-1.93851	0.0431697	0.277797	-3.59975	0.135933	0.412817	-2.42238	0.125905	0.401791	-2.48886	2.27291	10.9134	4.26803	1
cg16144934	GALNT10	0.130787	0.295746	0.851132	-1.17491	0.0873067	1.32398	1.32398	0.656832	0.935686	-1.06874	0.671184	1.06554	1.06554	0.492096	1.1093	1.1093	0.881705	0.978106	-1.02238	0.0100642	0.617018	-1.6207	0.314315	1.1673	1.1673	0.814642	1.03553	1.03553	2.27288	0.795571	0.311135	1
cg08001123	GRIN2A;GRIN2A;GRIN2A	0.130789	0.925693	0.911918	-1.09659	0.0455365	9.64658	9.64658	0.108389	5.64711	5.64711	0.848754	1.2077	1.2077	0.0398792	0.0955549	-10.4652	0.488207	0.498544	-2.00584	0.1945	0.257535	-3.88297	0.817227	0.795467	-1.25712	0.33749	0.376295	-2.65749	2.27287	35.1693	13.7543	1
cg00514413	C19orf26	0.130792	0.219199	1.74437	1.74437	0.0161193	0.272705	-3.66697	0.862623	1.07682	1.07682	0.353223	0.663695	-1.50672	?	?	?	0.0849326	0.437419	-2.28614	?	?	?	0.60778	0.801326	-1.24793	0.819004	0.906686	-1.10292	2.44263	5.37765	2.20158	1
cg08183317	TFDP1;TFDP1	0.130792	0.622176	0.84961	-1.17701	0.0359746	2.22664	2.22664	0.367987	1.35449	1.35449	0.072096	0.517522	-1.93228	0.585395	0.834642	-1.19812	0.550944	0.820392	-1.21893	0.315273	1.40596	1.40596	0.9711	0.988183	-1.01196	0.0583002	0.495553	-2.01795	2.27284	3.87564	1.51573	1
cg23659134	GSTO2	0.130795	0.0622172	0.192078	-5.20621	0.456357	1.81521	1.81521	0.923268	1.07866	1.07866	0.104044	4.04234	4.04234	0.183457	3.0319	3.0319	0.16748	0.314624	-3.1784	0.140001	3.48317	3.48317	0.247167	2.58829	2.58829	0.158676	3.26784	3.26784	2.27282	22.2342	8.6957	1
cg12958093	PDE6B;PDE6B	0.130796	0.641482	1.17069	1.17069	0.0331561	0.433023	-2.30935	0.0348641	0.4376	-2.28519	0.841199	0.934802	-1.06974	0.0400583	0.450489	-2.21981	0.123634	0.570946	-1.75148	0.411243	0.753986	-1.32628	0.653895	0.85927	-1.16378	0.101979	0.547953	-1.82497	2.27281	4.06567	1.59007	1
cg12967001	EPB41L3	0.130796	0.259116	0.794752	-1.25825	0.46977	0.866326	-1.1543	0.0842929	1.45157	1.45157	0.565088	0.892722	-1.12017	0.282793	0.804314	-1.24329	0.556789	0.890507	-1.12296	0.0632056	0.665178	-1.50336	0.0180877	0.571095	-1.75102	0.349557	0.828702	-1.20671	2.27281	1.3705	0.535999	1
cg16597665	RNF2	0.130796	0.278624	1.72545	1.72545	0.93512	0.961343	-1.04021	0.814905	0.892655	-1.12025	0.0876164	2.49183	2.49183	0.136691	0.460083	-2.17352	0.647424	1.24979	1.24979	0.020798	0.259908	-3.84751	0.553418	1.33683	1.33683	0.211325	0.528532	-1.89203	2.27281	8.44017	3.30092	1
cg15384717	PRPF3	0.130798	0.106183	0.717378	-1.39397	0.0210674	1.68591	1.68591	0.337541	1.20457	1.20457	0.69851	0.929349	-1.07602	0.244773	0.795287	-1.25741	0.13315	1.35662	1.35662	0.189845	1.29875	1.29875	0.835462	1.03993	1.03993	0.670885	1.08379	1.08379	2.27279	1.27562	0.498896	1
cg09559545	KIAA1407;QTRTD1	0.130799	0.894615	0.964625	-1.03667	0.0296766	2.00483	2.00483	0.912379	0.97053	-1.03036	0.501734	0.830871	-1.20356	0.134835	0.645273	-1.54973	0.0610215	0.563409	-1.77491	?	?	?	0.359195	1.29201	1.29201	0.473538	1.21908	1.21908	2.29342	2.38432	1.03963	1
cg18885387	ZNF397;ZNF397	0.130799	0.985348	0.992048	-1.00802	0.331728	1.54557	1.54557	0.261897	1.66303	1.66303	0.0432809	0.363963	-2.74753	0.697783	0.843955	-1.1849	0.0180103	0.286674	-3.48829	0.877639	1.06928	1.06928	0.946246	1.02975	1.02975	0.270407	1.64695	1.64695	2.27279	6.80419	2.66113	1
cg03596450	GON4L;GON4L	0.130801	0.300107	0.728806	-1.37211	0.415838	0.7827	-1.27763	0.334739	1.34055	1.34055	0.0701777	0.55081	-1.81551	0.3032	1.36914	1.36914	0.032061	0.477183	-2.09563	0.833158	0.939746	-1.06412	0.433888	0.790374	-1.26522	0.112709	1.66307	1.66307	2.27277	3.12416	1.22187	1
cg11629955	CHCHD6	0.130808	0.0718075	2.9151	2.9151	0.0584632	3.12058	3.12058	0.172591	2.16558	2.16558	0.252452	1.8895	1.8895	0.532391	1.40022	1.40022	0.0310177	3.8488	3.8488	0.0288641	3.94196	3.94196	0.0856216	2.74931	2.74931	0.172136	2.16759	2.16759	2.27271	10.1988	3.98888	1
cg04784471	PRSS27	0.130811	0.619887	2.12019	2.12019	0.271673	0.1791	-5.58349	0.86128	1.30067	1.30067	0.348076	4.27166	4.27166	0.225658	0.147725	-6.76932	0.615851	0.467513	-2.13898	0.0299814	46.4026	46.4026	?	?	?	0.0440925	32.3488	32.3488	2.29332	72.9305	31.8012	1
cg11709662	C15orf33;DTWD1;C15orf33;DTWD1	0.130811	0.25268	0.687829	-1.45385	0.796111	1.08448	1.08448	0.0350326	2.1582	2.1582	0.65711	0.869419	-1.15019	0.332162	1.368	1.368	0.878922	1.0489	1.0489	0.061047	0.516233	-1.93711	0.599806	1.18036	1.18036	0.0758305	0.538546	-1.85685	2.27269	3.53101	1.38104	1
cg03170834	C7orf38	0.130814	0.809806	1.05005	1.05005	0.457734	0.857988	-1.16552	0.0307619	1.67178	1.67178	0.749873	1.06693	1.06693	0.254489	1.27252	1.27252	0.732916	0.932973	-1.07184	0.0252431	0.583369	-1.71418	0.548187	0.8842	-1.13097	0.287464	0.799555	-1.2507	2.27267	1.47665	0.577548	1
cg02805665	DHH	0.130814	0.141092	4.13268	4.13268	0.118428	4.57022	4.57022	0.978965	1.02392	1.02392	0.674744	1.45987	1.45987	0.0843576	5.53758	5.53758	0.0725696	6.02493	6.02493	0.0161507	13.9884	13.9884	0.0478158	7.6023	7.6023	0.444722	2.01056	2.01056	2.27267	28.9246	11.313	1
cg22276571	DSTN;DSTN	0.130815	0.541764	0.853773	-1.17127	0.589627	1.14956	1.14956	0.819221	0.94309	-1.06034	0.0695437	0.594775	-1.68131	0.183273	0.696699	-1.43534	0.143555	1.49522	1.49522	0.215776	0.716446	-1.39578	0.0204938	0.489383	-2.04339	0.586149	1.15109	1.15109	2.27266	2.35805	0.922286	1
cg01864361	MIR519C	0.130815	0.00683831	0.229913	-4.34947	0.78783	0.892974	-1.11985	0.211856	0.575862	-1.73653	0.146596	0.520044	-1.92291	0.0500474	0.391541	-2.55401	0.147103	0.520533	-1.92111	0.251952	0.60519	-1.65237	0.194566	0.56223	-1.77863	0.519188	0.760169	-1.3155	2.27266	6.3383	2.47905	1
cg07955315	GALNT9;GALNT9	0.130816	0.10478	2.06635	2.06635	0.132205	1.94479	1.94479	0.83803	1.0874	1.0874	0.292793	1.56331	1.56331	0.0638188	0.42616	-2.34654	0.357587	1.47304	1.47304	0.0708445	2.28488	2.28488	0.395877	1.42754	1.42754	0.217475	0.587913	-1.70093	2.27265	6.03261	2.3595	1
cg00030420	SLC25A2	0.130817	0.220036	1.78834	1.78834	0.0239662	3.36725	3.36725	0.137945	2.05455	2.05455	0.49023	1.37151	1.37151	0.784759	0.883903	-1.13135	0.21622	1.79791	1.79791	0.0146126	3.87849	3.87849	0.113184	2.17514	2.17514	0.675002	1.20936	1.20936	2.27265	7.31367	2.86056	1
cg05425699	TNS3	0.130817	0.766901	0.848434	-1.17864	0.739461	1.20266	1.20266	0.183769	0.458538	-2.18084	0.128441	0.403097	-2.48079	0.822222	0.883	-1.1325	0.382888	1.64011	1.64011	0.0265974	4.2763	4.2763	0.0576882	3.27618	3.27618	0.621877	0.759673	-1.31636	2.27265	11.0037	4.30383	1
cg05679397	PABPC4;PABPC4;PABPC4	0.130817	0.745341	0.950372	-1.05222	0.0850936	1.34631	1.34631	0.108016	1.31508	1.31508	0.229705	0.821315	-1.21756	0.93594	0.987523	-1.01263	0.506215	0.900013	-1.1111	0.0325229	0.676477	-1.47825	0.882346	0.977135	-1.0234	0.168378	1.25767	1.25767	2.27264	0.87809	0.343443	1
cg02180979	CDH23	0.13083	0.588822	1.67232	1.67232	0.0199206	14.1192	14.1192	0.0328616	10.5041	10.5041	0.912211	1.10951	1.10951	0.116525	0.200508	-4.98734	0.74524	0.735508	-1.3596	0.408981	2.21598	2.21598	0.988272	1.01395	1.01395	0.668978	0.666807	-1.49968	2.27254	31.9535	12.4984	1
cg13767135	ANO1;ANO1	0.130831	0.0873165	0.642628	-1.55611	0.286042	1.29633	1.29633	0.15139	0.697605	-1.43348	0.414896	0.822651	-1.21558	0.661489	0.901937	-1.10873	0.0264766	1.85205	1.85205	0.917574	1.02455	1.02455	0.145462	0.693387	-1.4422	0.538311	0.864198	-1.15714	2.27253	1.97499	0.772506	1
cg25734726	SERTAD3;SERTAD3;SERTAD3	0.130839	0.87826	1.03896	1.03896	0.510402	1.18114	1.18114	0.397386	0.805673	-1.2412	0.159616	0.687477	-1.45459	0.836986	1.05271	1.05271	0.043594	1.78344	1.78344	0.650427	1.12048	1.12048	0.0546233	1.72223	1.72223	0.0863201	0.623449	-1.60398	2.27247	2.23775	0.875309	1
cg04979599	AFAP1L1;AFAP1L1	0.130841	0.77746	1.19578	1.19578	0.00578421	9.79108	9.79108	0.398036	1.72635	1.72635	0.839184	1.1368	1.1368	0.153162	0.380896	-2.62539	0.557594	0.687823	-1.45386	0.590868	0.71004	-1.40837	0.839444	0.879848	-1.13656	0.514916	0.659237	-1.51691	2.27245	14.3299	5.60525	1
cg00061695	NLGN2	0.130843	0.154077	0.690091	-1.44908	0.507557	0.849223	-1.17755	0.206636	0.723393	-1.38237	0.310431	0.774804	-1.29065	0.0377841	0.556742	-1.79616	0.0192316	0.50233	-1.99073	0.482731	1.18937	1.18937	0.569527	1.14997	1.14997	0.126206	0.668838	-1.49513	2.27243	2.12699	0.831996	1
cg01025883	PRKCB;PRKCB	0.130844	0.261425	0.462388	-2.16269	0.43057	0.58867	-1.69875	0.0618172	0.250258	-3.99587	0.335159	0.519647	-1.92438	0.0664578	0.257794	-3.87907	0.275413	0.473631	-2.11135	0.0278467	0.180506	-5.53998	0.0164704	0.14513	-6.89037	0.230532	0.436724	-2.28977	2.27243	15.6122	6.10689	1
cg06996205	RBM27	0.130846	0.352631	0.915657	-1.09211	0.130713	1.16224	1.16224	0.0293287	0.789407	-1.26677	0.0816316	1.19457	1.19457	0.671712	1.04005	1.04005	0.264609	1.11306	1.11306	0.970196	0.996564	-1.00345	0.400056	0.923709	-1.08259	0.270164	1.11157	1.11157	2.27241	0.305437	0.119476	1
cg20582089	REEP4;REEP4	0.130848	0.399572	0.873152	-1.14528	0.570767	0.913823	-1.0943	0.719959	0.944946	-1.05826	0.0681835	0.725251	-1.37883	0.449413	0.885819	-1.1289	0.940773	0.98838	-1.01176	0.00556608	0.563933	-1.77326	0.164355	0.791854	-1.26286	0.497022	1.11457	1.11457	2.2724	0.890455	0.348317	1
cg20884697	MANEA	0.130848	0.789622	1.04184	1.04184	0.891367	1.02116	1.02116	0.10542	1.31144	1.31144	0.963441	1.00705	1.00705	0.0964473	0.755985	-1.32278	0.100131	0.758728	-1.31799	0.034735	0.685742	-1.45827	0.567067	1.09272	1.09272	0.264694	1.19503	1.19503	2.27239	0.845418	0.330701	1
cg06173919	TPO;TPO;TPO;TPO	0.13085	0.654648	0.896402	-1.11557	0.743073	1.08318	1.08318	0.32679	0.781993	-1.27878	0.0397832	0.561358	-1.7814	0.00724107	0.430989	-2.32025	0.25219	0.747853	-1.33716	0.642326	1.12032	1.12032	0.590737	0.876455	-1.14096	0.897832	1.0317	1.0317	2.27238	2.12352	0.83066	1
cg13064457	PLS1	0.130852	0.419581	0.857132	-1.16668	0.0113771	0.553081	-1.80805	0.584903	0.902025	-1.10862	0.0202363	0.592499	-1.68777	0.507824	0.881975	-1.13382	0.202755	0.777736	-1.28578	0.081456	0.696971	-1.43478	0.859522	0.967426	-1.03367	0.779896	0.948977	-1.05377	2.27237	1.25764	0.491954	1
cg10827434	RPF1	0.130855	0.990871	0.996342	-1.00367	0.0348609	2.19841	2.19841	0.0547099	2.00981	2.00981	0.469463	1.26584	1.26584	0.0896964	0.549216	-1.82078	0.999653	0.999861	-1.00014	0.180764	0.634312	-1.57651	0.718414	1.12298	1.12298	0.344827	1.36571	1.36571	2.27234	3.69274	1.44452	1
cg15883603	SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.130856	0.132564	0.446394	-2.24017	0.253547	0.552903	-1.80864	0.221096	0.527701	-1.89501	0.581675	0.758413	-1.31854	0.0117703	0.209398	-4.77559	0.748545	0.852288	-1.17331	0.0181354	0.240287	-4.16169	0.356013	0.623878	-1.60288	0.173098	0.486545	-2.05531	2.27234	8.88791	3.47676	1
cg15663348	CD226	0.130856	0.0127313	0.487811	-2.04997	0.475343	0.845076	-1.18333	0.165817	0.709841	-1.40877	0.984922	1.00439	1.00439	0.648732	0.89911	-1.11221	0.248839	1.32249	1.32249	0.100786	1.51711	1.51711	0.546864	0.868158	-1.15186	0.4116	0.823091	-1.21493	2.27233	1.93527	0.757039	1
cg01833222	LAMB2	0.130865	0.0467387	0.199955	-5.00113	0.626807	0.707231	-1.41396	0.930501	0.940197	-1.06361	0.178621	0.364144	-2.74616	0.0621144	0.226554	-4.41395	0.103502	0.284001	-3.52112	0.0248231	0.151302	-6.60929	0.0705336	0.239591	-4.17378	0.129244	0.313842	-3.18631	2.27226	17.9853	7.03571	1
cg17852442	RPF1	0.13087	0.985399	0.993565	-1.00648	0.0874612	0.50866	-1.96595	0.198671	0.616736	-1.62144	0.989157	1.00481	1.00481	0.0184845	0.353581	-2.82821	0.196026	0.614742	-1.6267	0.115075	0.54204	-1.84488	0.147198	1.7416	1.7416	0.513142	0.790976	-1.26426	2.39849	4.62881	1.50102	1
cg09323657	CACNA2D4	0.130871	0.372476	1.85445	1.85445	0.116804	3.15598	3.15598	0.18963	2.55265	2.55265	0.160676	2.74765	2.74765	0.725922	1.26794	1.26794	0.267683	2.17888	2.17888	0.0365699	5.14817	5.14817	0.0105856	8.74588	8.74588	0.09646	3.42473	3.42473	2.27222	16.3726	6.40494	1
cg17933936	ITPKB	0.130871	0.056763	0.438788	-2.27901	0.362209	0.699229	-1.43015	0.684025	0.855292	-1.16919	0.470977	0.755673	-1.32332	0.00558086	0.24895	-4.01688	0.804125	0.909436	-1.09958	0.807433	0.910931	-1.09778	0.560523	0.798641	-1.25213	0.0725161	0.465098	-2.15009	2.27221	5.25186	2.05453	1
cg01771876	LPIN1	0.130874	0.278203	0.606643	-1.64841	0.0372096	0.342297	-2.92144	0.296444	0.618869	-1.61585	0.788773	0.887787	-1.1264	0.0314122	0.326661	-3.06127	0.0366629	0.340903	-2.93338	0.158287	0.512447	-1.95142	0.498801	0.737597	-1.35575	0.043764	0.357942	-2.79375	2.27219	7.07067	2.76607	1
cg26251865	IRGC;IRGC	0.130876	0.561231	0.749974	-1.33338	0.711584	0.833704	-1.19947	0.0673498	0.366434	-2.72901	0.41497	0.664922	-1.50394	0.128526	0.447279	-2.23574	0.481505	0.704412	-1.41962	0.00599581	0.172237	-5.80596	0.474013	1.42848	1.42848	0.398887	0.655089	-1.52651	2.27218	8.63137	3.37664	1
cg16197653	WDR27;C6orf120;WDR27	0.13088	0.725559	1.08894	1.08894	0.778325	0.934048	-1.07061	0.731109	0.919986	-1.08697	0.484562	1.18735	1.18735	0.600641	1.1362	1.1362	0.0302409	0.540129	-1.85141	0.315459	0.778076	-1.28522	0.0556002	0.591909	-1.68945	0.0643752	1.65265	1.65265	2.27214	2.10323	0.822806	1
cg08951403	PTPRN2;PTPRN2;PTPRN2	0.13088	0.0419958	0.314702	-3.17761	0.151925	2.13248	2.13248	0.299636	1.69948	1.69948	0.627823	0.785827	-1.27254	0.0796372	0.38299	-2.61103	0.4724	0.697261	-1.43418	0.0700226	0.368109	-2.71658	0.307934	0.594128	-1.68314	0.266118	0.564581	-1.77122	2.27214	8.75893	3.4266	1
cg13546102	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.130885	0.244892	1.53276	1.53276	0.14402	0.576336	-1.7351	0.892615	1.04856	1.04856	0.364138	1.38738	1.38738	0.0162301	0.356235	-2.80713	0.53299	1.24819	1.24819	0.351248	1.4005	1.4005	0.123166	0.556355	-1.79741	0.781776	0.907109	-1.1024	2.27211	4.43564	1.7353	1
cg04909508	EIF2B4;EIF2B4;SNX17;EIF2B4	0.130889	0.79843	1.03326	1.03326	0.14223	0.817334	-1.22349	0.525329	1.08577	1.08577	0.410016	1.11374	1.11374	0.197245	0.840064	-1.19039	0.912908	1.01409	1.01409	0.932558	1.01088	1.01088	0.0534035	1.32383	1.32383	0.0204667	1.42912	1.42912	2.27207	0.588204	0.230119	1
cg02460935	AATK	0.130889	0.0405168	2.28988	2.28988	0.356655	1.39378	1.39378	0.277437	1.48524	1.48524	0.150627	1.71519	1.71519	0.0299	2.44675	2.44675	0.084631	1.95025	1.95025	0.0332491	2.39066	2.39066	0.143956	1.7329	1.7329	0.115293	1.82146	1.82146	2.27207	4.41358	1.7267	1
cg26151761	PPFIA4	0.130891	0.373524	0.853009	-1.17232	0.270046	1.22126	1.22126	0.471974	0.880442	-1.13579	0.78803	0.954181	-1.04802	0.210549	0.79484	-1.25811	0.526197	1.11826	1.11826	0.00745198	1.82161	1.82161	0.340471	1.18645	1.18645	0.9405	0.987092	-1.01308	2.27205	1.08994	0.426415	1
cg11388664	CADM3;CADM3	0.130893	0.458362	0.806518	-1.2399	0.149857	1.55215	1.55215	0.0265202	2.11468	2.11468	0.870785	0.954701	-1.04745	0.16322	0.654557	-1.52775	0.851558	0.948052	-1.05479	0.376276	1.29507	1.29507	0.0610531	1.8242	1.8242	0.426731	0.793661	-1.25998	2.27204	2.91801	1.14161	1
cg08631427	RAET1L	0.130894	0.0726267	0.562351	-1.77825	0.965038	1.01268	1.01268	0.42201	0.789998	-1.26583	0.786854	0.925063	-1.08101	0.0307614	0.482309	-2.07336	0.0522889	0.530272	-1.88583	0.472507	0.810578	-1.23369	0.327906	0.748087	-1.33674	0.109787	1.65039	1.65039	2.27203	2.97219	1.16281	1
cg22792938	AGFG1;AGFG1;AGFG1;AGFG1	0.130897	0.911929	1.01046	1.01046	0.243381	0.891506	-1.1217	0.105914	0.846917	-1.18075	0.106818	1.18015	1.18015	0.287581	1.10947	1.10947	0.269421	1.11428	1.11428	0.0386837	0.798297	-1.25267	0.448103	1.07545	1.07545	0.412701	1.08198	1.08198	2.272	0.318507	0.124611	1
cg03828939	TBC1D24	0.130898	0.671384	1.0531	1.0531	0.476213	1.0918	1.0918	0.0652104	1.28526	1.28526	0.114971	0.812373	-1.23096	0.574232	1.07125	1.07125	0.0962904	0.801397	-1.24782	0.205381	0.850461	-1.17583	0.517302	1.08284	1.08284	0.0857853	1.25885	1.25885	2.272	0.528891	0.206921	1
cg08954476	DOCK10	0.130898	0.358984	1.33335	1.33335	0.176864	1.54938	1.54938	0.789277	0.921547	-1.08513	0.720591	1.11577	1.11577	0.218176	1.48451	1.48451	0.599901	0.850917	-1.1752	0.0128065	0.389449	-2.56773	0.352399	1.33895	1.33895	0.214554	0.671299	-1.48965	2.272	3.34772	1.30975	1
cg21515744	GUK1;GUK1	0.130899	0.84268	1.04191	1.04191	0.0794323	1.49525	1.49525	0.537599	1.13766	1.13766	0.747701	1.06896	1.06896	0.337571	0.815235	-1.22664	0.0609067	0.646298	-1.54727	0.0198582	0.559337	-1.78783	0.863679	1.03615	1.03615	0.901643	0.974777	-1.02588	2.27199	1.53629	0.601054	1
cg17463447	RHO	0.130903	0.387558	0.75814	-1.31902	0.581693	0.840332	-1.19001	0.30446	0.717135	-1.39444	0.656795	1.15006	1.15006	0.00354594	0.290658	-3.44046	0.742632	0.902109	-1.10851	0.400777	0.764227	-1.30851	0.461164	1.26434	1.26434	0.86939	1.0528	1.0528	2.27195	3.51711	1.37605	1
cg19263161	C7orf50;C7orf50;C7orf50	0.130908	0.0361511	0.170526	-5.86422	0.104552	0.275813	-3.62564	0.20356	0.377468	-2.64923	0.13724	0.31284	-3.19652	0.0915309	0.259523	-3.85322	0.0232761	0.139645	-7.161	0.152218	0.32843	-3.04479	0.114279	0.287343	-3.48017	0.0899972	0.25753	-3.88304	2.27192	18.9638	7.4196	1
cg17772490	NACA;NACA;NACA;NACA;NACA;NACA	0.130912	0.993699	0.99855	-1.00145	0.995769	1.00097	1.00097	0.455093	0.869519	-1.15006	0.0795115	0.699297	-1.43001	0.00867798	0.54078	-1.84918	0.772198	0.948053	-1.05479	0.032051	0.630307	-1.58653	0.446976	0.867238	-1.15309	0.323105	0.828981	-1.2063	2.27189	1.21517	0.475444	1
cg19857538	COQ4;TRUB2	0.130912	0.544688	1.13128	1.13128	0.145388	1.36968	1.36968	0.341815	1.21783	1.21783	0.788999	1.05545	1.05545	0.376547	1.20031	1.20031	0.280743	0.798051	-1.25305	0.0401604	0.620591	-1.61137	0.963606	1.00922	1.00922	0.0313525	1.66211	1.66211	2.27188	1.45662	0.569911	1
cg09651145	AFAP1L1;AFAP1L1	0.130915	0.0297152	0.552834	-1.80886	0.102534	0.661115	-1.5126	0.462156	0.840816	-1.18932	0.269584	0.766203	-1.30514	0.0848997	0.643179	-1.55478	0.0260775	0.542473	-1.84341	0.0517955	0.598908	-1.66971	0.119572	0.676224	-1.4788	0.347908	0.799424	-1.2509	2.27186	1.93059	0.755361	1
cg03142071	ABAT;ABAT;ABAT	0.130916	0.214523	1.39733	1.39733	0.973696	1.00848	1.00848	0.37753	1.2609	1.2609	0.0142688	2.16795	2.16795	0.710153	0.908845	-1.1003	0.546563	0.855373	-1.16908	0.401325	0.802572	-1.24599	0.0306165	1.9162	1.9162	0.826672	1.05775	1.05775	2.27185	2.35863	0.922841	1
cg05251755	EFR3B	0.130918	0.0382347	0.340365	-2.93802	0.145938	0.496341	-2.01475	0.877009	1.07197	1.07197	0.781621	1.13281	1.13281	0.0356783	0.333854	-2.99532	0.721849	0.851802	-1.17398	0.0274195	0.310131	-3.22445	0.865599	0.926802	-1.07898	0.154358	0.504513	-1.98211	2.27184	7.24533	2.83484	1
cg06218124	PXT1;KCTD20;PXT1	0.130919	0.264723	1.77933	1.77933	?	?	?	0.0847375	0.3852	-2.59605	0.0415168	0.305994	-3.26804	0.699466	0.825948	-1.21073	0.799194	1.13384	1.13384	?	?	?	0.133483	2.2405	2.2405	0.389686	0.646725	-1.54625	2.44143	7.14374	2.92605	1
cg04940435	WFDC3;DNTTIP1	0.130921	0.371804	0.707471	-1.41348	0.844511	0.928575	-1.07692	0.332826	0.685905	-1.45793	0.258076	1.56107	1.56107	0.168657	0.574909	-1.73941	0.219448	0.614253	-1.62799	0.0185676	0.34054	-2.93651	0.140592	0.549789	-1.81888	0.0394207	0.406889	-2.45767	2.27182	5.1245	2.00505	1
cg17241550	NDC80;METTL4;METTL4	0.130921	0.881375	0.932411	-1.07249	0.0753392	2.52929	2.52929	0.0140598	4.14044	4.14044	0.792423	1.13157	1.13157	0.888563	0.936406	-1.06791	0.954484	0.973605	-1.02711	0.0597399	0.36948	-2.7065	0.950292	1.02965	1.02965	0.737432	1.1708	1.1708	2.27181	7.90258	3.09203	1
cg00774088	ATP10A	0.130922	0.565274	0.762903	-1.31078	0.1057	2.27683	2.27683	0.066199	0.383142	-2.61	0.172219	0.508409	-1.96692	0.242744	0.566016	-1.76674	0.30273	0.608342	-1.64381	0.023128	0.282425	-3.54077	0.41591	0.679014	-1.47272	0.709916	1.19	1.19	2.27181	7.79853	3.05133	1
cg05237718	FOXK1	0.130922	0.0614006	0.393814	-2.53927	0.148762	0.504208	-1.98331	0.0213387	0.294266	-3.39828	0.154713	0.50992	-1.96109	0.0658613	0.401486	-2.49075	0.318231	0.633711	-1.57801	0.0662982	0.402217	-2.48622	0.72574	0.855787	-1.16851	0.0704502	0.409004	-2.44496	2.27181	7.03497	2.75257	1
cg00784671	CELSR1	0.130923	0.0413408	0.25844	-3.86937	0.605113	0.740873	-1.34976	0.0975448	0.351558	-2.84448	0.467625	0.653784	-1.52956	0.906822	1.06965	1.06965	0.878004	1.09234	1.09234	0.234665	0.48856	-2.04683	0.0756106	3.11814	3.11814	0.0597977	0.294855	-3.39149	2.2718	11.8964	4.65472	1
cg04383212	GPR139	0.130924	0.300304	1.35087	1.35087	0.0214637	2.1687	2.1687	0.748241	0.91372	-1.09443	0.183684	1.48471	1.48471	0.232683	0.704216	-1.42002	0.110986	1.62667	1.62667	0.311026	0.745506	-1.34137	0.205196	1.45431	1.45431	0.221559	1.43336	1.43336	2.27179	2.82485	1.10528	1
cg02495518	NRXN1;NRXN1;NRXN1	0.130925	0.0772463	0.334543	-2.98915	0.305125	0.553255	-1.80748	0.478825	0.669429	-1.49381	0.131341	0.40333	-2.47936	0.278656	0.533715	-1.87366	0.0736639	0.329059	-3.03897	0.0146935	0.187465	-5.33432	0.0308102	0.243242	-4.11113	0.498801	0.681991	-1.4663	2.27178	11.1795	4.37424	1
cg14082123	PLA2G4D	0.130928	0.263438	1.18975	1.18975	0.197883	0.81642	-1.22486	0.30482	0.853536	-1.1716	0.0738691	1.3457	1.3457	0.0554408	0.723587	-1.382	0.281003	1.18174	1.18174	0.164453	1.2474	1.2474	0.379768	0.874346	-1.14371	0.97087	1.00546	1.00546	2.27176	0.799119	0.312677	1
cg18431183	NRXN2;NRXN2	0.130935	0.500925	0.732495	-1.3652	0.376227	1.51256	1.51256	0.686503	0.831191	-1.20309	0.516876	1.34914	1.34914	0.0147679	0.254829	-3.9242	0.0400829	0.339234	-2.94782	0.232465	0.56519	-1.76932	0.863129	1.0818	1.0818	0.157378	0.502071	-1.99175	2.2717	7.47115	2.92337	1
cg24640637	CEND1	0.13094	0.555118	1.24237	1.24237	0.34439	0.701794	-1.42492	0.0274324	2.58184	2.58184	0.0692575	2.09385	2.09385	0.102451	1.91507	1.91507	0.773865	0.900554	-1.11043	0.88718	1.05297	1.05297	0.090299	1.97127	1.97127	0.0936007	1.95515	1.95515	2.27167	4.75625	1.86109	1
cg16909824	PI4KB	0.13094	0.506241	0.891693	-1.12146	0.253992	1.22552	1.22552	0.0362603	1.52635	1.52635	?	?	?	0.358063	1.17465	1.17465	0.52779	1.11484	1.11484	0.252214	0.815291	-1.22656	0.483691	1.12864	1.12864	0.0246365	1.59464	1.59464	2.41729	0.958206	0.346847	1
cg12065524	RAB11FIP4	0.130945	0.476203	0.921848	-1.08478	0.11617	1.21142	1.21142	0.0409778	1.30336	1.30336	0.0317082	1.32694	1.32694	0.400821	0.907918	-1.10142	0.0984227	1.22579	1.22579	0.658655	0.951286	-1.05121	0.957428	1.00601	1.00601	0.99268	0.99897	-1.00103	2.27162	0.453971	0.177639	1
cg21543045	PRDM4	0.130946	0.0574847	0.590753	-1.69276	0.592577	1.14149	1.14149	0.355064	1.26248	1.26248	0.0994312	1.55652	1.55652	0.622759	1.12917	1.12917	0.419828	1.22377	1.22377	0.882923	0.964541	-1.03676	0.121961	1.50788	1.50788	0.0267219	1.90247	1.90247	2.27162	2.15949	0.845013	1
cg17165158	SKI	0.130947	0.985234	1.02232	1.02232	0.0439004	15.8336	15.8336	0.0742637	10.7219	10.7219	0.428585	0.381406	-2.62187	0.0250654	0.0416331	-24.0194	0.789645	0.726946	-1.37562	0.929572	0.899934	-1.11119	0.708491	1.56512	1.56512	0.891402	0.849652	-1.17695	2.2716	51.1796	20.0268	1
cg01720520	LILRB1	0.130948	0.00605105	0.478352	-2.09051	0.334857	0.815006	-1.22698	0.440719	0.850685	-1.17552	0.987141	0.996691	-1.00332	0.180005	0.746124	-1.34026	0.681489	0.918622	-1.08859	0.282933	0.794952	-1.25794	0.160661	0.734753	-1.361	0.269265	1.26698	1.26698	2.2716	1.52197	0.595555	1
cg24480379	SELENBP1;SELENBP1	0.13095	0.164151	0.391056	-2.55718	0.125142	0.349992	-2.85721	0.0508186	0.24482	-4.08464	0.536748	1.48531	1.48531	0.0736317	0.283272	-3.53018	0.274372	0.487079	-2.05306	0.501206	1.53998	1.53998	0.119095	2.91493	2.91493	0.923474	1.06265	1.06265	2.27158	14.3914	5.63146	1
cg02239163	SORCS2	0.130952	0.168825	0.533238	-1.87533	0.372398	0.675192	-1.48106	0.169515	0.533851	-1.87318	0.245943	0.594265	-1.68275	0.140546	0.506653	-1.97374	0.215803	0.571951	-1.7484	0.00491591	0.20228	-4.94363	0.326777	0.647787	-1.54372	0.101989	0.464098	-2.15472	2.27157	6.61751	2.5895	1
cg24564576	DIAPH3;DIAPH3	0.130952	0.0740232	0.606218	-1.64957	0.614685	0.880205	-1.1361	0.521028	0.849142	-1.17766	0.14502	0.674724	-1.48209	0.0396838	0.54994	-1.81838	0.198688	0.710741	-1.40698	0.00949858	0.437791	-2.28419	0.92679	0.977162	-1.02337	0.313394	0.769419	-1.29968	2.27157	2.27357	0.889673	1
cg02449166	EBF3	0.130953	0.105278	0.29733	-3.36326	0.0706161	0.250417	-3.99334	0.034164	0.183793	-5.44089	0.045367	0.207398	-4.82164	0.0947328	0.284064	-3.52034	0.144826	0.341913	-2.92472	0.23	0.421847	-2.37053	0.0838247	0.269496	-3.71063	0.0771985	0.260147	-3.84398	2.27156	16.8969	6.61197	1
cg22262702	TAF4	0.130955	0.25281	0.478582	-2.0895	0.938153	1.04904	1.04904	0.183937	2.38613	2.38613	0.819209	0.868273	-1.15171	0.148907	0.384789	-2.59883	0.290669	0.508366	-1.96709	0.0241474	0.190363	-5.25312	0.0295368	0.205771	-4.85978	0.771048	0.835246	-1.19725	2.27154	13.6944	5.35885	1
cg13794888	SNUPN;SNUPN;SNUPN	0.130957	0.23626	0.906156	-1.10356	0.0624608	0.84663	-1.18115	0.505046	1.05517	1.05517	0.33131	0.923496	-1.08284	0.232865	1.10443	1.10443	0.420179	0.936698	-1.06758	0.420829	0.936787	-1.06748	0.0356689	1.21426	1.21426	0.3303	1.08303	1.08303	2.27152	0.226818	0.088758	1
cg07899081	PSMA5	0.130958	0.597489	0.924335	-1.08186	0.673859	0.93941	-1.0645	0.0375274	0.700227	-1.42811	0.897672	0.981181	-1.01918	0.0681335	1.35206	1.35206	0.0274566	1.46979	1.46979	0.933697	0.987789	-1.01236	0.836645	0.969974	-1.03096	0.966881	1.00615	1.00615	2.27152	0.784401	0.306951	1
cg10109111	PMPCA	0.130958	0.764187	0.927936	-1.07766	0.638782	1.12472	1.12472	0.898155	1.03235	1.03235	0.0329811	0.537977	-1.85881	0.0195164	0.495711	-2.0173	0.557586	1.15887	1.15887	0.176932	1.42876	1.42876	0.446259	1.21289	1.21289	0.938328	1.01942	1.01942	2.27152	2.22341	0.870063	1
cg16661120	MRPL54	0.130967	0.885496	0.88912	-1.12471	0.105685	0.236575	-4.227	0.0867646	0.213773	-4.67785	0.58694	0.639288	-1.56424	0.0143433	0.0852472	-11.7306	0.550766	0.61121	-1.6361	0.0431293	0.1499	-6.6711	0.216985	0.34664	-2.88484	0.075054	0.198527	-5.03711	2.27145	23.9306	9.36479	1
cg08088222	ORAI1	0.130968	0.907504	1.05414	1.05414	0.334536	0.636708	-1.57058	0.281853	0.602122	-1.66079	0.622471	1.25245	1.25245	0.450339	0.705473	-1.41749	0.399501	1.47879	1.47879	0.0343375	0.326364	-3.06407	0.0231834	3.42525	3.42525	0.845162	1.09274	1.09274	2.27144	7.40173	2.89654	1
cg23606669	PLA2G2E	0.130968	0.0278335	0.295141	-3.38821	0.240334	0.561543	-1.78081	0.29235	0.598803	-1.67	0.274643	0.586516	-1.70498	0.0257583	0.288496	-3.46625	0.215535	0.542321	-1.84393	0.0402891	0.328861	-3.0408	0.0581758	0.366039	-2.73195	0.490276	0.719683	-1.3895	2.27144	7.92695	3.10208	1
cg27247612	ASAP1	0.130969	0.296198	0.578658	-1.72814	0.44523	0.675013	-1.48145	0.608438	0.770307	-1.29818	0.516271	0.717203	-1.3943	0.00363053	0.137013	-7.29858	0.868533	0.919739	-1.08726	0.310429	0.588567	-1.69904	0.951951	1.0309	1.0309	0.0780665	0.372033	-2.68793	2.27143	9.17596	3.59087	1
cg01481970	PPFIA3;C19orf73	0.130973	0.273264	0.849925	-1.17657	0.133303	1.2598	1.2598	0.0369358	1.41282	1.41282	0.112298	1.27963	1.27963	0.777414	0.960387	-1.04125	0.167267	1.23363	1.23363	0.277513	0.851241	-1.17476	0.323023	0.86452	-1.15671	0.291916	1.16877	1.16877	2.2714	0.731683	0.286336	1
cg26632909	NUMA1	0.130974	0.948324	1.02695	1.02695	0.115101	2.01984	2.01984	0.00730237	4.13517	4.13517	0.373436	0.687343	-1.45488	0.915827	1.04434	1.04434	0.289078	0.636629	-1.57077	0.436147	0.721809	-1.38541	0.803312	1.10783	1.10783	0.648245	1.2074	1.2074	2.2714	6.05729	2.37046	1
cg24415922	GAK	0.130975	0.361013	0.829523	-1.20551	0.254304	1.26735	1.26735	0.154077	1.35487	1.35487	0.714603	0.929506	-1.07584	0.103082	0.701222	-1.42608	0.611692	0.903118	-1.10727	0.0135999	1.83618	1.83618	0.960508	1.0099	1.0099	0.928174	0.982214	-1.01811	2.27139	1.42523	0.557751	1
cg07237882	HNRNPA0	0.130976	0.920069	0.975529	-1.02508	0.232192	1.36243	1.36243	0.703332	1.09905	1.09905	0.899388	0.96926	-1.03171	0.133886	0.670967	-1.49039	0.50456	1.18193	1.18193	0.0172	0.488436	-2.04735	0.29728	0.765888	-1.30567	0.109331	1.53872	1.53872	2.27138	2.19176	0.857733	1
cg14245228	C9orf98	0.130979	0.595262	0.779233	-1.28331	0.0779722	0.402035	-2.48735	0.0177222	0.261386	-3.82576	0.358018	0.644191	-1.55233	0.967139	1.01935	1.01935	0.781543	1.13807	1.13807	0.934082	0.962245	-1.03924	0.0414929	0.334959	-2.98544	0.27377	1.6987	1.6987	2.27135	7.78665	3.0473	1
cg01032675	GNA15;GNA15	0.13098	0.659825	0.785159	-1.27363	0.165205	0.4456	-2.24416	0.0374171	0.267456	-3.73893	0.151532	0.432103	-2.31426	0.575573	0.734276	-1.36189	0.336037	1.71888	1.71888	0.0373153	0.267209	-3.74239	0.227281	1.99799	1.99799	0.279829	0.541465	-1.84684	2.27135	10.7263	4.19771	1
cg03152187	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.13098	0.0341533	0.259249	-3.8573	0.381206	1.63313	1.63313	0.708045	1.22807	1.22807	0.260965	0.527158	-1.89696	0.0445961	0.283828	-3.52326	0.645168	1.28817	1.28817	0.22168	0.495849	-2.01674	0.50977	0.694075	-1.44077	0.0468349	0.288582	-3.46522	2.27135	10.7287	4.19866	1
cg10623043	CORO1B;CORO1B	0.13098	0.824345	1.07467	1.07467	0.0362679	0.445953	-2.24239	0.587449	1.19444	1.19444	0.887408	1.04696	1.04696	0.110941	0.565518	-1.76829	0.0190908	0.387805	-2.57861	0.950039	0.979909	-1.0205	0.0954894	0.547756	-1.82563	0.920491	1.03287	1.03287	2.3975	3.89933	1.26499	1
cg13455842	KANK1;KANK1	0.130981	0.347911	0.455675	-2.19455	0.175628	0.30999	-3.22591	0.0800924	0.206142	-4.85103	0.942256	0.942787	-1.06068	0.196961	0.329767	-3.03244	0.538244	0.602416	-1.65998	0.00412106	0.0437584	-22.8528	0.597879	0.648635	-1.5417	0.59676	0.647761	-1.54378	2.27134	23.7929	9.31135	1
cg16528926	ENDOD1	0.130981	0.0358308	0.27094	-3.69086	0.71649	1.20988	1.20988	0.988283	1.0077	1.0077	0.505607	0.702283	-1.42393	0.892631	1.07305	1.07305	0.832595	1.11687	1.11687	0.0381683	3.61114	3.61114	0.427524	0.654253	-1.52846	0.0581836	0.320016	-3.12484	2.39749	10.1311	3.28668	1
cg20139800	GABBR1;GABBR1	0.130982	0.131091	0.3549	-2.8177	0.373711	1.78651	1.78651	0.611053	1.38531	1.38531	0.900285	0.92343	-1.08292	0.037448	0.21558	-4.63865	0.544453	0.677176	-1.47672	0.0175472	0.159348	-6.27557	0.329294	0.527404	-1.89608	0.166895	0.392014	-2.55093	2.27133	14.5266	5.685	1
cg14048785	LDB2;LDB2	0.130983	0.174655	0.714799	-1.39899	0.172236	0.713275	-1.40198	0.0961328	0.653822	-1.52947	0.263213	0.762428	-1.3116	0.0109523	0.475915	-2.10122	0.108516	0.665566	-1.50248	0.355102	0.801538	-1.2476	0.265443	0.763472	-1.30981	0.034626	0.563909	-1.77334	2.27132	1.9454	0.76134	1
cg21270593	PEG10;PEG10	0.130984	0.502738	1.22032	1.22032	0.0174841	2.33211	2.33211	0.816604	0.934254	-1.07037	0.199414	0.672397	-1.48722	0.0933107	0.582517	-1.71669	0.813946	1.07145	1.07145	0.0966656	1.70555	1.70555	0.705692	1.11747	1.11747	0.769155	1.08997	1.08997	2.27131	3.08283	1.20648	1
cg08241360	FAM125B	0.130988	0.214513	0.455698	-2.19444	0.7823	0.846541	-1.18128	0.994498	0.995862	-1.00416	0.544798	0.691686	-1.44574	0.135295	0.37975	-2.63331	0.160938	0.406323	-2.4611	0.821279	1.14578	1.14578	0.0171888	5.7327	5.7327	0.198597	2.26389	2.26389	2.27128	13.0119	5.09237	1
cg04971769	ZNF280B	0.130989	0.0486417	0.779916	-1.28219	0.973304	1.0037	1.0037	0.374401	0.904269	-1.10587	0.251243	0.876076	-1.14145	0.0232763	0.741343	-1.3489	0.044814	0.775548	-1.28941	0.102223	0.82087	-1.21822	0.491904	1.08009	1.08009	0.513497	0.929476	-1.07588	2.27127	0.438185	0.171489	1
cg18026062	ODZ2	0.130991	0.581514	0.876728	-1.14061	0.102879	1.52456	1.52456	0.926573	0.978452	-1.02202	0.312143	1.2803	1.2803	0.0182294	0.507977	-1.96859	0.341274	0.793146	-1.2608	0.576249	0.875085	-1.14275	0.132182	1.46813	1.46813	0.424835	0.824806	-1.21241	2.27125	2.009	0.786254	1
cg24842816	RNF213;LOC100294362	0.130994	0.722721	1.14176	1.14176	0.577834	1.2327	1.2327	0.975602	1.01144	1.01144	0.949623	1.02379	1.02379	0.00390839	0.235657	-4.24345	0.47532	1.31013	1.31013	0.809307	1.09413	1.09413	0.558326	0.802304	-1.24641	0.228611	0.624888	-1.60029	2.27123	4.98082	1.94934	1
cg16414143	ESPN	0.130997	0.142981	4.89929	4.89929	0.827314	1.24674	1.24674	0.0677774	0.126788	-7.88716	0.230009	3.56533	3.56533	0.228152	0.278918	-3.58528	0.246119	0.293937	-3.40208	0.598502	0.584875	-1.70977	0.17477	4.29282	4.29282	0.0842451	6.87654	6.87654	2.27121	36.6515	14.3444	1
cg04479354	SMC4;SMC4;IFT80	0.130997	0.496032	1.11702	1.11702	0.925015	1.01519	1.01519	0.042307	1.45421	1.45421	0.808538	1.03963	1.03963	0.552437	0.908255	-1.10101	0.486896	0.893061	-1.11974	0.0171624	0.628129	-1.59203	0.196573	0.803634	-1.24435	0.608811	1.08615	1.08615	2.27121	0.922102	0.360886	1
cg07318049	ATPIF1;ATPIF1;ATPIF1	0.131	0.324081	0.693928	-1.44107	0.888956	0.951112	-1.0514	0.0605986	2.13625	2.13625	0.453578	0.760395	-1.31511	0.0361211	0.417122	-2.39738	0.482409	1.29194	1.29194	0.0563137	0.460518	-2.17147	0.421827	0.744982	-1.34231	0.313485	0.687961	-1.45357	2.27118	4.63027	1.81218	1
cg01676680	TRIM62	0.131001	0.608223	1.25446	1.25446	0.0195602	3.44571	3.44571	0.171363	1.89375	1.89375	0.106578	2.16546	2.16546	0.391344	1.46975	1.46975	0.225941	1.74639	1.74639	0.0864465	2.29437	2.29437	0.025294	3.20962	3.20962	0.0897307	2.27095	2.27095	2.27118	6.91579	2.70669	1
cg24581795	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.131001	0.764893	1.07305	1.07305	0.950564	1.01468	1.01468	0.234715	1.34019	1.34019	0.257647	0.757525	-1.32009	0.00509562	0.418865	-2.3874	0.95911	1.01213	1.01213	0.551078	1.15233	1.15233	0.766841	1.0724	1.0724	0.609288	1.12883	1.12883	2.27117	1.98787	0.778008	1
cg08620313	CES1;CES1;CES1	0.131002	0.0419414	0.502244	-1.99106	0.17876	0.657277	-1.52143	0.085007	0.571499	-1.74978	0.058189	0.533161	-1.87561	0.288715	0.723574	-1.38203	0.739701	1.10291	1.10291	0.983657	1.00604	1.00604	0.0216676	0.444909	-2.24765	0.30285	0.730852	-1.36827	2.27117	3.10438	1.21499	1
cg08687485	GTDC1;GTDC1;GTDC1	0.131004	0.0152847	0.369674	-2.70508	0.644413	0.856164	-1.168	0.169957	0.613596	-1.62974	0.9248	0.968946	-1.03205	0.102483	0.550428	-1.81677	0.826833	0.929408	-1.07595	0.267177	1.47146	1.47146	0.932402	1.02875	1.02875	0.049424	0.472732	-2.11536	2.27115	4.01602	1.5718	1
cg03535284	THBS2	0.131005	0.0496785	0.350992	-2.84907	0.683987	0.82584	-1.21089	0.659504	1.23039	1.23039	0.387594	0.66094	-1.513	0.0144447	0.244261	-4.09399	0.83926	1.09963	1.09963	0.0506682	0.353008	-2.8328	0.18192	0.515541	-1.93971	0.250521	0.570376	-1.75323	2.27115	7.86485	3.07817	1
cg21405786	ZNF783	0.131006	0.822773	0.921399	-1.08531	0.998356	1.00075	1.00075	0.259033	0.650701	-1.5368	0.917996	1.0383	1.0383	0.00499014	0.257686	-3.88069	0.356525	0.707473	-1.41348	0.241616	0.639372	-1.56404	0.293186	1.48872	1.48872	0.26196	0.652561	-1.53242	2.27114	4.78984	1.87467	1
cg24145146	LRRC69	0.131007	0.0599293	0.603502	-1.65699	0.0238579	1.89933	1.89933	0.527226	0.858632	-1.16464	0.147182	1.44788	1.44788	0.73953	1.08262	1.08262	0.425982	1.21338	1.21338	0.698404	1.09707	1.09707	0.511548	0.853501	-1.17164	0.258937	0.75561	-1.32343	2.27113	2.03617	0.796931	1
cg22772878	DIRAS1	0.131014	0.0922352	0.600575	-1.66507	0.477768	1.21966	1.21966	0.302103	1.34194	1.34194	0.45245	1.2344	1.2344	0.0513442	0.543146	-1.84113	0.501961	1.2062	1.2062	0.0527385	1.83272	1.83272	0.265108	0.726496	-1.37647	0.907502	0.968528	-1.03249	2.27108	2.7225	1.06558	1
cg02384811	TMEM132A;TMEM132A	0.131016	0.938258	0.985323	-1.0149	0.5753	1.11409	1.11409	0.586226	0.900416	-1.1106	0.678284	0.923474	-1.08287	0.00539964	0.497097	-2.01168	0.533802	1.1278	1.1278	0.119739	1.38014	1.38014	0.960652	1.00946	1.00946	0.879892	0.971553	-1.02928	2.27105	1.3102	0.512811	1
cg03660010	SLAIN2	0.131021	0.628976	0.8661	-1.1546	0.154882	0.637934	-1.56756	0.419698	1.27563	1.27563	0.0891404	1.73939	1.73939	0.128804	0.615905	-1.62363	0.868467	1.05016	1.05016	0.570274	0.844183	-1.18458	0.381391	0.76714	-1.30354	0.0285052	2.14508	2.14508	2.27102	3.13573	1.22734	1
cg22498099	CHRNA5	0.131021	0.186446	0.451553	-2.21458	0.0553366	0.291418	-3.4315	0.197667	0.461639	-2.1662	0.0797742	0.33165	-3.01522	0.0253626	0.221188	-4.52104	0.414405	0.622755	-1.60577	0.034576	0.246877	-4.0506	0.349785	0.57906	-1.72694	0.0693442	0.315586	-3.16871	2.27102	11.59	4.53641	1
cg23529699	TMTC2	0.131023	0.940456	0.991303	-1.00877	0.590878	1.06551	1.06551	0.691167	1.0478	1.0478	0.45139	0.914186	-1.09387	0.992596	1.00109	1.00109	0.788562	0.969059	-1.03193	0.00352435	0.62963	-1.58824	0.378321	1.11148	1.11148	0.711483	1.0444	1.0444	2.271	0.491767	0.192482	1
cg26157803	MIR345;SLC25A29	0.131024	0.453151	0.801381	-1.24785	0.0320834	2.06988	2.06988	0.876554	1.04607	1.04607	0.184693	1.50323	1.50323	0.561456	0.84357	-1.18544	0.0223732	0.452533	-2.20978	0.76675	1.09001	1.09001	0.499016	0.819683	-1.21998	0.924262	0.972826	-1.02793	2.27099	3.01931	1.18179	1
cg04211275	SNORD84;BAT1;BAT1	0.131027	0.107254	0.723634	-1.38191	0.0455542	0.655819	-1.52481	0.260985	0.805979	-1.24073	0.16197	0.759765	-1.3162	0.740704	0.940727	-1.06301	0.142162	1.33687	1.33687	0.0430769	0.651642	-1.53458	0.578259	0.901832	-1.10885	0.559385	1.11473	1.11473	2.27097	1.21759	0.476581	1
cg08491487	RNF39;RNF39	0.131028	0.0891133	16.1666	16.1666	0.14142	10.4567	10.4567	0.260039	5.71939	5.71939	0.141341	10.4623	10.4623	0.134767	10.9498	10.9498	0.937533	0.89017	-1.12338	0.382588	3.77763	3.77763	0.0181537	70.6718	70.6718	0.0272435	48.356	48.356	2.27096	79.2431	31.0169	1
cg06175075	OTUD4;OTUD4	0.131031	0.28209	0.852495	-1.17303	0.419857	0.88899	-1.12487	0.814654	0.967028	-1.0341	0.773444	0.959629	-1.04207	0.332024	1.15359	1.15359	0.00466493	0.58443	-1.71107	0.452175	1.11556	1.11556	0.729489	1.05081	1.05081	0.407293	0.886014	-1.12865	2.27093	0.733127	0.286961	1
cg14703002	HIST1H1A	0.131035	0.0493111	40.5163	40.5163	0.569262	2.58314	2.58314	0.135096	14.2621	14.2621	0.117418	16.5381	16.5381	0.139018	13.8351	13.8351	0.29778	5.93443	5.93443	0.373483	4.5144	4.5144	0.022575	90.5298	90.5298	0.0248663	81.8973	81.8973	2.27091	97.8984	38.3198	1
cg25581222	CSNK1G1	0.131035	0.0868957	0.33543	-2.98125	0.785077	1.17108	1.17108	0.0215722	0.203043	-4.92507	0.255344	0.503547	-1.98591	0.980706	1.01407	1.01407	0.322709	0.554238	-1.80428	0.43654	0.632183	-1.58182	0.0597324	3.41257	3.41257	0.637016	0.759868	-1.31602	2.2709	12.005	4.69906	1
cg25878131	ELF1	0.131036	0.459681	0.745896	-1.34067	0.154488	0.552373	-1.81037	0.0891414	0.481876	-2.07522	0.0292986	2.718	2.718	0.323382	0.67219	-1.48768	0.685776	0.853506	-1.17164	0.321113	0.670854	-1.49064	0.152299	1.81692	1.81692	0.945164	1.02715	1.02715	2.2709	5.45454	2.13505	1
cg19400179	DZIP3	0.131039	0.716175	1.20194	1.20194	0.430462	0.666717	-1.49989	0.438109	0.671374	-1.48948	0.304644	1.70834	1.70834	0.0520811	0.328515	-3.044	0.246461	1.84146	1.84146	0.27961	1.76162	1.76162	0.0248978	3.83723	3.83723	0.617928	0.77622	-1.28829	2.27087	9.12701	3.57259	1
cg23550082	C14orf93;C14orf93;C14orf93	0.131041	0.673887	0.840016	-1.19045	0.110425	2.04732	2.04732	0.54597	0.77748	-1.28621	0.0468431	2.55304	2.55304	0.0367448	0.36809	-2.71672	0.501563	1.32438	1.32438	0.550555	0.779766	-1.28244	0.764924	1.13147	1.13147	0.212613	0.582333	-1.71723	2.27086	6.10173	2.38842	1
cg24345138	KLHL25	0.131042	0.0215818	0.675476	-1.48044	0.105553	1.28584	1.28584	0.0427721	1.39317	1.39317	0.830032	1.03104	1.03104	0.748285	1.04684	1.04684	0.839804	1.0292	1.0292	0.364978	0.87603	-1.14151	0.906159	0.983372	-1.01691	0.710168	1.05451	1.05451	2.27085	0.727108	0.284615	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14859317	PLOD3	0.131044	0.63243	1.13291	1.13291	0.0183452	0.476561	-2.09837	0.632059	0.882558	-1.13307	0.210801	1.40699	1.40699	0.0462385	0.553566	-1.80647	0.454758	1.21796	1.21796	0.826261	1.05858	1.05858	0.592294	0.86937	-1.15026	0.179065	0.690991	-1.4472	2.27084	2.41188	0.9441	1
cg02358190	MAST4;MAST4;MAST4	0.131048	0.15508	0.750734	-1.33203	0.039962	1.56418	1.56418	0.241184	1.26008	1.26008	0.244336	0.794935	-1.25796	0.0585869	0.668587	-1.49569	0.98097	1.0045	1.0045	0.736938	1.06559	1.06559	0.220072	1.27502	1.27502	0.927702	1.01725	1.01725	2.2708	1.27686	0.499815	1
cg14824901	G0S2	0.131048	0.792107	0.831063	-1.20328	0.0068567	11.6208	11.6208	0.769967	1.22803	1.22803	0.530977	0.641092	-1.55984	0.128151	0.315955	-3.16501	0.33876	1.99523	1.99523	0.746118	0.796466	-1.25555	0.684044	0.750799	-1.33191	0.373293	1.89697	1.89697	2.2708	17.649	6.90856	1
cg18528745	ANKRD9	0.131049	0.873766	0.93905	-1.06491	0.487482	1.32182	1.32182	0.0829656	2.13676	2.13676	0.173919	0.564311	-1.77207	0.0081048	3.82252	3.82252	0.331809	1.48589	1.48589	0.868519	0.936572	-1.06772	0.93535	1.03261	1.03261	0.968986	0.98474	-1.0155	2.2708	5.62617	2.20233	1
cg07733129	CLK2P	0.13105	0.327249	0.813305	-1.22955	0.16147	1.35735	1.35735	0.263707	1.26879	1.26879	0.492933	0.867375	-1.1529	0.996551	0.999117	-1.00088	0.0457604	0.626293	-1.5967	0.0547269	1.56086	1.56086	0.199138	0.757884	-1.31946	0.522136	0.875854	-1.14174	2.27079	1.50157	0.587782	1
cg26104196	IGSF9;IGSF9	0.131051	0.0431793	0.308749	-3.23888	0.406851	0.651362	-1.53524	0.998982	1.00065	1.00065	0.716645	0.831807	-1.2022	0.0189091	0.23781	-4.20504	0.331127	0.602531	-1.65966	0.0721909	0.362832	-2.7561	0.0873747	0.385391	-2.59477	0.0671398	0.354638	-2.81977	2.27078	9.18002	3.59349	1
cg27073113	DKFZP434H168;GNAO1;GNAO1	0.131053	0.234422	0.635927	-1.57251	0.630095	0.838422	-1.19272	0.0829601	0.49797	-2.00815	0.796488	0.91041	-1.09841	0.0146067	0.335491	-2.98071	0.959947	1.01841	1.01841	0.197033	1.64102	1.64102	0.211471	1.61298	1.61298	0.542081	0.799206	-1.25124	2.27077	4.74361	1.85688	1
cg13179330	RPL23AP32;SPTBN1	0.131053	0.583385	1.30813	1.30813	0.9894	1.00646	1.00646	0.880531	1.07566	1.07566	0.0182775	4.01108	4.01108	0.272247	0.574536	-1.74054	0.787477	0.877184	-1.14001	0.676953	1.2253	1.2253	0.0148711	4.27492	4.27492	0.580741	1.31065	1.31065	2.27076	8.45765	3.31074	1
cg03614513	TSPAN2	0.131054	0.104838	0.835852	-1.19638	0.125514	0.845587	-1.18261	0.760764	0.96958	-1.03137	0.66153	1.04557	1.04557	0.316038	0.900447	-1.11056	0.493548	0.932079	-1.07287	0.00541628	0.690554	-1.44811	0.689724	1.04143	1.04143	0.742852	0.967245	-1.03386	2.27076	0.368023	0.144063	1
cg03159877	KSR2	0.131056	0.61111	1.15306	1.15306	0.676549	0.890011	-1.12358	0.0903901	0.595569	-1.67907	0.336328	0.759322	-1.31696	0.284024	1.36221	1.36221	0.03247	0.498931	-2.00428	0.167049	1.50548	1.50548	0.125992	1.58377	1.58377	0.835988	0.944051	-1.05927	2.27074	2.77406	1.08592	1
cg21848191	RAD51L1;RAD51L1;RAD51L1	0.131057	0.115285	0.314471	-3.17995	0.0160225	0.13644	-7.32923	0.150337	0.352854	-2.83403	0.905603	0.922975	-1.08345	0.0199522	0.149898	-6.67119	0.194796	0.39589	-2.52596	0.209504	0.409154	-2.44407	0.599376	0.69898	-1.43066	0.183853	0.385743	-2.5924	2.27073	16.4171	6.42656	1
cg27553637	CDC42EP1	0.131058	0.461523	1.10542	1.10542	0.0340394	1.39205	1.39205	0.324127	1.14585	1.14585	0.0910631	0.779691	-1.28256	0.077545	1.29994	1.29994	0.273544	0.858691	-1.16456	0.818413	0.969721	-1.03122	0.903858	0.983974	-1.01629	0.196143	1.20051	1.20051	2.27073	0.642876	0.251658	1
cg16880424	TNK1	0.131058	0.360219	1.66255	1.66255	0.0110074	5.60569	5.60569	0.126635	2.44236	2.44236	0.0735228	2.93965	2.93965	0.393934	0.623806	-1.60306	0.722207	1.21278	1.21278	0.559108	1.3761	1.3761	0.0878115	2.76832	2.76832	0.276137	1.84451	1.84451	2.27072	10.5035	4.11168	1
cg23622913	NXT1	0.131058	0.0212879	0.315975	-3.16481	0.528159	1.30476	1.30476	0.338814	1.50738	1.50738	0.793921	1.11512	1.11512	0.347341	0.668473	-1.49595	0.954617	0.976591	-1.02397	0.0179745	0.30221	-3.30896	0.834398	0.916552	-1.09105	0.731908	1.15389	1.15389	2.27072	6.23036	2.43892	1
cg17869311	GXYLT2	0.131062	0.533705	0.778773	-1.28407	0.0875102	2.11329	2.11329	0.0299114	2.75486	2.75486	0.154685	1.82986	1.82986	0.0226562	2.95182	2.95182	0.535114	0.779461	-1.28294	0.734737	1.14443	1.14443	0.322102	1.50042	1.50042	0.728093	1.14849	1.14849	2.27069	5.65884	2.21522	1
cg06577205	FBXL7;FBXL7	0.131062	0.722926	1.07462	1.07462	0.695869	1.08266	1.08266	0.609643	1.10972	1.10972	0.890068	0.972428	-1.02835	0.0468764	0.63131	-1.58401	0.0217722	0.57308	-1.74496	0.119802	0.710907	-1.40665	0.967422	1.00829	1.00829	0.178219	1.33535	1.33535	2.27069	1.46988	0.575403	1
cg20000468	IFNAR2;IFNAR2;IFNAR2	0.131063	0.0761348	0.382236	-2.61619	0.284789	0.581903	-1.7185	0.0496888	0.335847	-2.97755	0.459753	0.692946	-1.44311	0.112936	0.431366	-2.31822	0.12066	0.44031	-2.27113	0.0124823	0.219866	-4.54822	0.0968764	0.411443	-2.43047	0.387295	0.649308	-1.5401	2.27068	8.5407	3.34337	1
cg20475005	WASL	0.131064	0.0460734	0.406027	-2.46289	0.0370771	0.384982	-2.59752	0.0294206	0.363711	-2.74944	0.71104	1.15804	1.15804	0.122586	0.516994	-1.93426	0.651008	0.835633	-1.1967	0.119022	0.513171	-1.94867	0.240083	0.615682	-1.62422	0.984337	1.00777	1.00777	2.27067	5.59149	2.18887	1
cg16855422	DNAJC4	0.131064	0.654877	1.05215	1.05215	0.425569	1.09629	1.09629	0.134613	0.833384	-1.19993	0.152627	1.18897	1.18897	0.533731	0.931263	-1.07381	0.381348	1.10677	1.10677	0.0632456	1.26622	1.26622	0.0665881	1.26164	1.26164	0.0483087	1.29039	1.29039	2.27067	0.459086	0.179716	1
cg24646457	PLA2G4D	0.131067	0.388022	1.24706	1.24706	0.764805	0.927859	-1.07775	0.0758739	0.610783	-1.63724	0.196966	1.40552	1.40552	0.879137	1.0387	1.0387	0.0663606	1.67173	1.67173	0.022296	1.98075	1.98075	0.77756	0.931761	-1.07324	0.989405	1.00332	1.00332	2.27065	2.23959	0.876728	1
cg26162554	GHR	0.131071	0.211898	0.56023	-1.78498	0.656588	1.21795	1.21795	0.0193954	0.2878	-3.47463	0.450156	0.712456	-1.4036	0.0641888	0.399961	-2.50024	0.366516	0.664478	-1.50494	0.0188209	0.285397	-3.5039	0.363253	0.662524	-1.50938	0.379381	0.672112	-1.48785	2.27062	6.98133	2.73301	1
cg25010118	DSEL	0.131071	0.304402	0.792673	-1.26156	0.0414383	1.6715	1.6715	0.766483	0.937014	-1.06722	0.250816	0.769422	-1.29968	0.11684	1.45088	1.45088	0.0639041	1.57607	1.57607	0.139893	1.41478	1.41478	0.627771	0.898765	-1.11264	0.378731	1.21808	1.21808	2.27062	1.71604	0.671785	1
cg13554489	ALPL	0.131081	0.827257	0.903774	-1.10647	0.0440253	0.342563	-2.91917	0.0141603	0.246253	-4.06086	0.764769	0.870294	-1.14904	0.0746416	0.398786	-2.50761	0.0830098	0.411242	-2.43166	0.532831	0.746434	-1.3397	0.233549	0.560903	-1.78284	0.727164	1.17605	1.17605	2.27054	7.70703	3.01721	1
cg11144217	C1orf159	0.131082	0.314117	1.21853	1.21853	0.267326	1.24532	1.24532	0.0210267	1.69383	1.69383	0.321857	1.21446	1.21446	0.0739322	1.45959	1.45959	0.0275102	1.64041	1.64041	0.0547335	1.51237	1.51237	0.916	0.980169	-1.02023	0.378687	1.18705	1.18705	2.27053	1.2962	0.507451	1
cg09428031	FRYL	0.131084	0.174225	1.95546	1.95546	0.835212	0.907877	-1.10147	0.751771	1.15862	1.15862	0.152957	2.03427	2.03427	0.529713	1.34364	1.34364	0.0107387	0.225969	-4.42539	0.642024	0.804759	-1.24261	0.625386	0.795889	-1.25646	0.228803	1.79676	1.79676	2.27052	7.74102	3.03055	1
cg04007726	ZMIZ1	0.131088	0.721547	1.15754	1.15754	0.178993	0.557864	-1.79255	0.0362766	2.70538	2.70538	0.364359	1.46386	1.46386	0.90075	1.05233	1.05233	0.255738	0.615668	-1.62425	0.059495	0.419121	-2.38594	0.572982	1.26219	1.26219	0.171918	1.81213	1.81213	2.27048	6.01014	2.35296	1
cg08625239	SLFN5	0.131093	0.414185	1.81649	1.81649	0.512506	0.62189	-1.608	0.599017	0.684256	-1.46144	0.508565	1.61538	1.61538	0.22611	2.48164	2.48164	0.280465	2.23054	2.23054	0.010288	10.0982	10.0982	0.0512451	4.89081	4.89081	0.150585	3.00944	3.00944	2.27044	18.3878	7.19891	1
cg06424576	UQCRC1	0.131095	0.107767	0.591775	-1.68983	0.77453	0.917728	-1.08965	0.553291	1.19634	1.19634	0.77138	0.916591	-1.091	0.784858	1.08524	1.08524	0.440365	1.26518	1.26518	0.0176136	0.421788	-2.37086	0.535775	1.20616	1.20616	0.0652406	1.8565	1.8565	2.27043	3.21313	1.25796	1
cg16457489	3-Mar	0.131095	0.0389375	0.197491	-5.06351	0.160973	0.362031	-2.76219	0.283995	0.469878	-2.12821	0.313642	0.493043	-2.02822	0.00869109	0.103388	-9.67232	0.286346	0.471742	-2.1198	0.186914	0.387015	-2.58388	0.584775	0.687678	-1.45417	0.0771923	0.263608	-3.79352	2.27042	16.5578	6.48249	1
cg23834688	USP36	0.131098	0.496752	1.22226	1.22226	0.751469	1.09682	1.09682	0.208829	1.47013	1.47013	0.584184	1.1744	1.1744	0.0240223	0.457041	-2.18799	0.0562795	0.533269	-1.87523	0.331268	1.33853	1.33853	0.228525	1.44426	1.44426	0.732681	0.905088	-1.10486	2.2704	3.04212	1.19103	1
cg20406540	PIPSL	0.131103	0.0388388	0.67005	-1.49243	0.349133	0.851	-1.17509	0.0436589	0.678252	-1.47438	0.138203	0.765523	-1.3063	0.0446504	0.679837	-1.47094	0.122184	0.755466	-1.32369	0.138858	0.765913	-1.30563	0.489954	0.889235	-1.12456	0.445412	1.13907	1.13907	2.27036	1.00758	0.394485	1
cg08424636	ZNF584	0.131103	0.613304	0.940026	-1.0638	0.10258	1.24208	1.24208	0.0551475	0.76807	-1.30197	0.452309	0.911258	-1.09738	0.13472	0.822245	-1.21618	0.145502	0.827215	-1.20888	0.119288	1.22773	1.22773	0.247578	0.863538	-1.15803	0.440216	0.908889	-1.10024	2.27036	0.529641	0.207364	1
cg14234805	RALGAPB	0.131105	0.72734	1.08861	1.08861	0.80572	1.06159	1.06159	0.118996	1.50744	1.50744	0.62625	0.887769	-1.12642	0.707204	0.91254	-1.09584	0.316454	0.777863	-1.28557	0.0055523	0.41325	-2.41984	0.859238	1.044	1.044	0.728524	0.918957	-1.08819	2.27035	2.11541	0.828228	1
cg00472841	MCF2L;MCF2L	0.131106	0.441381	1.25984	1.25984	0.0211612	2.26037	2.26037	0.0194633	2.29578	2.29578	0.108474	1.67393	1.67393	0.844993	1.05928	1.05928	0.277453	1.39421	1.39421	0.0564899	1.88764	1.88764	0.851285	1.05678	1.05678	0.734323	1.10542	1.10542	2.27034	3.1129	1.21877	1
cg15578140	MIR548F3;CNTNAP2	0.131106	0.0168267	0.289677	-3.45212	0.0579496	0.402346	-2.48542	0.07112	0.424728	-2.35445	0.107416	0.474092	-2.1093	0.0881273	0.449621	-2.22409	0.271542	0.614966	-1.62611	0.501247	0.748305	-1.33635	0.624344	1.23324	1.23324	0.494332	0.744687	-1.34285	2.27034	6.48747	2.53999	1
cg25198830	NGFRAP1;NGFRAP1	0.131107	0.145168	1.97965	1.97965	0.0574902	2.55438	2.55438	0.86203	0.926878	-1.07889	0.845104	0.91816	-1.08914	0.356072	0.660754	-1.51342	0.0905942	2.25672	2.25672	0.05849	0.393319	-2.54246	0.311776	0.633316	-1.57899	0.628648	1.23706	1.23706	2.27034	6.85168	2.68259	1
cg08979281	HDAC4	0.131107	0.462819	1.17335	1.17335	0.760751	1.06751	1.06751	0.39759	0.830874	-1.20355	0.564036	1.13286	1.13286	0.549912	0.878623	-1.13815	0.620711	0.898796	-1.1126	0.00355563	2.32791	2.32791	0.958624	0.988964	-1.01116	0.648158	1.10326	1.10326	2.27033	1.6452	0.644137	1
cg02033182	ANKRD11	0.131108	0.0994365	0.287175	-3.4822	0.534875	1.54373	1.54373	0.237519	0.425322	-2.35116	0.173029	0.367241	-2.72301	0.0178264	0.136711	-7.31472	0.0411291	0.196331	-5.09344	0.117874	0.309381	-3.23226	0.561889	0.666856	-1.49957	0.180207	0.374105	-2.67305	2.27033	17.1628	6.71964	1
cg16068924	HDAC6	0.131109	0.517509	1.2711	1.2711	0.0607489	0.461679	-2.16601	0.143944	0.563299	-1.77526	0.100273	0.517739	-1.93147	0.0167752	0.344006	-2.90692	0.249636	0.644125	-1.55249	0.249124	0.643791	-1.5533	0.851851	0.933934	-1.07074	0.518332	1.27048	1.27048	2.27032	4.80575	1.88158	1
cg14262740	OR4N5	0.13111	0.0245885	0.347604	-2.87684	0.703532	0.859927	-1.16289	0.395758	1.40953	1.40953	0.268586	0.634581	-1.57584	0.890421	1.05591	1.05591	0.029944	0.364944	-2.74015	0.096277	0.486362	-2.05608	0.115804	0.509325	-1.96338	0.891949	0.947771	-1.05511	2.27031	5.60123	2.19304	1
cg09444070	SYNM;SYNM	0.131111	0.436685	1.18847	1.18847	0.0557443	0.623958	-1.60267	0.99229	1.0021	1.0021	0.177013	1.36651	1.36651	0.127827	0.698895	-1.43083	0.268573	1.28499	1.28499	0.174534	1.36927	1.36927	0.92917	1.01953	1.01953	0.0792712	0.654457	-1.52798	2.2703	1.70267	0.666642	1
cg23538707	FAM9C	0.131111	0.602845	0.809112	-1.23592	0.68905	0.850183	-1.17622	0.0104566	0.272389	-3.67123	0.54835	1.27772	1.27772	0.0507863	0.4074	-2.45459	0.457746	1.35679	1.35679	0.303925	1.5367	1.5367	0.613442	0.814203	-1.2282	0.403287	0.708144	-1.41214	2.2703	5.85441	2.29217	1
cg16780860	POLD4;LOC100130987	0.131113	0.545605	0.826612	-1.20976	0.444524	1.27464	1.27464	0.382961	1.32119	1.32119	0.675788	0.877267	-1.1399	0.0139901	0.388748	-2.57236	0.781272	0.916993	-1.09052	0.0356575	2.14089	2.14089	0.827808	1.07017	1.07017	0.96003	0.984519	-1.01572	2.27028	3.48495	1.36447	1
cg10020290	CHST8;CHST8	0.131113	0.374953	1.24867	1.24867	0.565339	0.867849	-1.15227	0.0899068	0.63389	-1.57756	0.482398	0.840201	-1.19019	0.782204	0.93465	-1.06992	0.658228	1.11468	1.11468	0.0152647	2.06785	2.06785	0.201461	0.719658	-1.38955	0.299515	1.29981	1.29981	2.27028	2.13848	0.837284	1
cg03166779	ETV1;ETV1;ETV1;ETV1;ETV1;ETV1	0.131114	0.239783	1.21183	1.21183	0.47687	1.11952	1.11952	0.795535	1.04137	1.04137	0.0319555	0.675496	-1.48039	0.127014	0.772898	-1.29383	0.0338152	0.679223	-1.47227	0.669063	0.935088	-1.06942	0.761299	0.953557	-1.04871	0.401155	1.14354	1.14354	2.27028	0.876008	0.342986	1
cg21144493	CAMTA1	0.131114	0.0779162	4.73563	4.73563	0.241242	0.377635	-2.64806	0.0518618	0.172692	-5.79064	0.569623	0.633696	-1.57804	0.444475	1.85674	1.85674	0.7055	1.35173	1.35173	0.0823513	0.217051	-4.60722	0.120323	0.262474	-3.8099	0.594728	1.5315	1.5315	2.27027	22.6584	8.87151	1
cg07357781	SCAMP5	0.13112	?	?	?	0.0165077	0.253552	-3.94396	0.0293419	0.302671	-3.30392	0.929836	1.04076	1.04076	0.359626	0.651076	-1.53592	0.34029	0.638959	-1.56505	0.0948793	0.429535	-2.3281	0.145781	0.488527	-2.04697	0.628734	0.801478	-1.24769	2.41565	6.85227	2.48204	1
cg24126187	PTH1R	0.131123	0.274416	1.61345	1.61345	0.332062	0.656428	-1.5234	0.0343772	0.35412	-2.82391	?	?	?	0.0478859	0.386172	-2.58952	0.615776	0.808279	-1.2372	0.639909	1.21921	1.21921	0.372216	0.680193	-1.47017	0.0720804	0.429769	-2.32683	2.29077	5.70653	2.4911	1
cg17855101	CABP7	0.131125	0.90997	0.977987	-1.02251	0.649186	1.0943	1.0943	0.0605155	0.659363	-1.51662	0.501896	0.874492	-1.14352	0.0449821	0.635886	-1.57261	0.112349	1.40517	1.40517	0.0474234	0.640006	-1.56249	0.794981	0.950048	-1.05258	0.331904	0.821205	-1.21772	2.27019	1.39224	0.545129	1
cg00560119	STXBP1;STXBP1	0.131125	0.106811	0.566674	-1.76468	0.489421	0.797309	-1.25422	0.0133193	2.68904	2.68904	0.11007	1.75387	1.75387	0.973943	0.989519	-1.01059	0.261864	1.45851	1.45851	0.973405	1.01081	1.01081	0.399498	1.32079	1.32079	0.791523	0.91809	-1.08922	2.27018	3.74146	1.46497	1
cg21196575	TGDS	0.131127	0.733081	1.0796	1.0796	0.0516969	0.609314	-1.64119	0.061806	0.624631	-1.60094	0.733794	0.926471	-1.07936	0.0225298	0.542648	-1.84281	0.197587	0.737333	-1.35624	0.134989	0.69732	-1.43406	0.418218	0.831041	-1.20331	0.0614755	0.624166	-1.60214	2.27017	1.79976	0.704697	1
cg21610854	RETNLB	0.131133	0.0603712	0.243517	-4.10648	0.0162249	0.140735	-7.10554	0.419284	0.576726	-1.73392	0.419039	0.576552	-1.73445	0.0262304	0.172292	-5.80412	0.885359	1.101	1.101	0.138186	0.344858	-2.89974	0.515529	0.644198	-1.55232	0.177069	0.384086	-2.60358	2.27013	15.9926	6.26207	1
cg04881131	PAX1	0.131134	0.818327	0.92559	-1.08039	0.350969	1.38074	1.38074	0.704045	0.879623	-1.13685	0.971526	0.988076	-1.01207	0.856869	1.06255	1.06255	0.822668	0.927337	-1.07836	0.0294434	0.422378	-2.36755	0.032021	2.32624	2.32624	0.0928415	1.86162	1.86162	2.27012	4.06078	1.59005	1
cg02756614	MYOF;MYOF	0.13114	0.178787	1.87211	1.87211	0.157407	1.94203	1.94203	0.522894	1.32878	1.32878	0.159479	1.93477	1.93477	0.0127887	3.88715	3.88715	0.648202	0.817368	-1.22344	0.125115	0.4825	-2.07254	0.57136	1.28547	1.28547	0.679324	1.2002	1.2002	2.27007	6.92909	2.71322	1
cg20899329	PTPRN2;PTPRN2;PTPRN2	0.13114	0.00661789	0.0852379	-11.7319	0.175778	2.73341	2.73341	0.24482	2.33922	2.33922	0.794599	1.19991	1.19991	0.928321	0.939086	-1.06487	0.663306	1.35796	1.35796	0.364381	1.91758	1.91758	0.682659	1.3326	1.3326	0.755961	1.24329	1.24329	2.27007	17.5419	6.86889	1
cg05339847	ARHGAP12	0.131144	0.0531058	0.214597	-4.65989	0.162594	0.35206	-2.84042	0.57726	0.674132	-1.48339	0.592241	0.684814	-1.46025	0.137811	0.326578	-3.06205	0.611293	0.698426	-1.43179	0.00697979	0.0868421	-11.5151	0.783238	0.824385	-1.21303	0.104883	0.289074	-3.45932	2.27004	17.6313	6.90398	1
cg14643415	WDR49	0.131145	0.472184	1.49257	1.49257	0.911573	1.06273	1.06273	0.992577	1.00511	1.00511	0.524456	1.4237	1.4237	0.65081	0.779143	-1.28346	0.287185	1.83172	1.83172	0.535733	1.40982	1.40982	0.00411004	8.23353	8.23353	0.0812059	2.88273	2.88273	2.27003	10.7839	4.22272	1
cg17760318	PCDHGA2;PCDHGA1;PCDHGA2	0.131146	0.0296878	3.72355	3.72355	0.151317	2.203	2.203	0.538057	1.37749	1.37749	0.304766	1.7262	1.7262	0.0606875	2.96328	2.96328	0.0901847	2.60972	2.60972	0.484345	0.694153	-1.4406	0.0335666	3.57991	3.57991	0.643292	1.27068	1.27068	2.27002	9.48664	3.71475	1
cg21932814	CSTA	0.131149	0.636405	0.799779	-1.25035	0.345432	0.633871	-1.57761	0.223095	0.548463	-1.82328	0.0127096	0.233899	-4.27536	0.0509401	0.352317	-2.83835	0.799826	0.887617	-1.12661	0.096137	0.424315	-2.35674	0.131547	0.465894	-2.14641	0.0573452	0.364689	-2.74206	2.27	7.91407	3.099	1
cg12138330	JAK3	0.131149	0.280884	0.374918	-2.66725	0.145952	0.255047	-3.92085	0.0672942	0.166172	-6.01786	0.273777	0.369043	-2.70971	0.0347047	0.115908	-8.62751	0.263843	0.36078	-2.77177	0.0195114	0.0845039	-11.8338	0.0459108	0.134968	-7.40914	0.459358	0.51715	-1.93368	2.26999	27.5442	10.7858	1
cg26797238	MCM2	0.13115	0.616851	0.84038	-1.18994	0.54505	0.809642	-1.23511	0.471497	0.776849	-1.28725	0.399791	0.742929	-1.34602	0.0359836	0.43128	-2.31868	0.00516547	0.280002	-3.5714	0.408583	0.747221	-1.33829	0.751912	1.11553	1.11553	0.369121	0.727603	-1.37437	2.26999	4.27292	1.6732	1
cg06649691	AASDH	0.13115	0.671185	0.944131	-1.05917	0.471992	1.10351	1.10351	0.0815757	1.29677	1.29677	0.688838	1.05569	1.05569	0.0938763	1.28148	1.28148	0.41233	1.11946	1.11946	0.0448903	1.36332	1.36332	0.546231	1.08569	1.08569	0.011105	1.53519	1.53519	2.26999	0.651645	0.255173	1
cg15468154	FLJ13197	0.131153	0.364818	1.174	1.174	0.448468	1.14233	1.14233	0.114035	0.743669	-1.34468	0.718726	0.939596	-1.06429	0.38906	1.16423	1.16423	0.114859	1.34362	1.34362	0.0176399	1.64431	1.64431	0.116777	1.34119	1.34119	0.747519	0.945879	-1.05722	2.26996	1.0669	0.417785	1
cg06490162	C16orf63	0.131153	0.211844	0.786609	-1.27128	0.0679651	1.45219	1.45219	0.079603	1.42629	1.42629	0.546483	0.894603	-1.11781	0.199269	1.28085	1.28085	0.290714	0.818645	-1.22153	0.495087	1.13477	1.13477	0.1433	1.33248	1.33248	0.0883037	1.40947	1.40947	2.26996	1.1974	0.468886	1
cg20271396	TSEN15;TSEN15;TSEN15	0.131153	0.915923	1.02332	1.02332	0.633074	0.900331	-1.1107	0.0667924	1.56614	1.56614	0.338259	0.806147	-1.24047	0.588961	1.12647	1.12647	0.423077	1.19556	1.19556	0.0143804	0.517552	-1.93217	0.411907	1.20099	1.20099	0.309538	1.25805	1.25805	2.26996	1.71317	0.670856	1
cg05421101	UBFD1;EARS2;EARS2	0.131154	0.63068	0.878037	-1.1389	0.145193	1.52201	1.52201	0.0612472	1.7617	1.7617	0.0789305	0.592249	-1.68848	0.69201	0.898611	-1.11283	0.259225	0.729032	-1.37168	0.932368	1.02305	1.02305	0.771973	1.08114	1.08114	0.0504987	0.549653	-1.81933	2.26996	2.59187	1.01494	1
cg12569736	KCNK9	0.131155	0.139339	0.653176	-1.53098	0.827104	0.943121	-1.06031	0.853092	1.05088	1.05088	0.392999	0.791158	-1.26397	0.0646015	0.573653	-1.74322	0.14577	0.658292	-1.51908	0.0100239	0.418856	-2.38746	0.0667637	0.576809	-1.73368	0.670849	0.891862	-1.12125	2.26995	2.57661	1.00897	1
cg03024478	UNC5C	0.131157	0.902473	0.964101	-1.03724	0.00920733	2.68048	2.68048	0.131219	1.62575	1.62575	0.592637	0.851243	-1.17475	0.270515	0.710246	-1.40796	0.989624	0.996129	-1.00389	0.299505	1.37804	1.37804	0.159981	1.56476	1.56476	0.666707	0.878786	-1.13793	2.26993	3.19736	1.25206	1
cg22082709	AGTR1;AGTR1;AGTR1;AGTR1	0.131158	0.0882607	0.62762	-1.59332	0.0848321	0.62377	-1.60316	0.605303	1.13781	1.13781	0.190013	0.709108	-1.41022	0.304868	0.768634	-1.30101	0.173622	0.698704	-1.43122	0.00791095	0.430171	-2.32466	0.437816	0.822009	-1.21653	0.388929	0.803588	-1.24442	2.26992	2.20494	0.863443	1
cg02459355	CDC73	0.131161	0.16146	0.628291	-1.59162	0.143645	0.613631	-1.62964	0.324886	1.37159	1.37159	0.13049	0.60195	-1.66127	?	?	?	0.945745	1.02138	1.02138	?	?	?	0.96322	1.01444	1.01444	0.0434874	2.05773	2.05773	2.31573	2.7556	1.35994	1
cg25256669	RAB27A	0.131164	0.59268	1.10054	1.10054	0.450029	1.14631	1.14631	0.982963	0.996219	-1.0038	0.0616569	1.45269	1.45269	0.141342	1.32393	1.32393	0.0207365	0.610188	-1.63884	0.221719	0.796239	-1.2559	0.794052	1.04751	1.04751	0.743041	1.0601	1.0601	2.26988	1.13144	0.443073	1
cg13485533	ARHGAP24;ARHGAP24;ARHGAP24	0.131165	0.145762	0.807342	-1.23863	0.857108	1.025	1.025	0.0191573	0.678135	-1.47463	0.0797365	0.766091	-1.30533	0.568888	0.924135	-1.08209	0.442045	1.11339	1.11339	0.990637	0.998393	-1.00161	0.247663	0.847372	-1.18012	0.0398897	0.722177	-1.3847	2.26987	0.674988	0.264328	1
cg27276994	AGAP1;AGAP1	0.131166	0.531833	1.29326	1.29326	0.200503	1.73167	1.73167	0.240367	0.607035	-1.64735	0.126353	1.95727	1.95727	0.104653	0.486644	-2.05489	0.36592	1.45822	1.45822	0.053779	2.43328	2.43328	0.140459	1.90397	1.90397	0.437372	0.724907	-1.37949	2.26986	5.92805	2.32146	1
cg13875120	AOX1;AOX1	0.131167	0.183656	2.20016	2.20016	0.128778	0.399457	-2.5034	0.253414	0.513366	-1.94793	0.0491575	3.50892	3.50892	0.851426	1.1105	1.1105	0.983273	0.988349	-1.01179	0.281563	1.86935	1.86935	0.0421011	3.70283	3.70283	0.332546	1.74856	1.74856	2.26986	11.2337	4.39918	1
cg27382389	CHRNG	0.131168	0.123233	0.502582	-1.98973	0.454431	0.730548	-1.36884	0.339325	0.666449	-1.50049	0.672431	0.839263	-1.19152	0.795342	0.898433	-1.11305	0.470358	0.738897	-1.35337	0.00554263	0.222754	-4.48926	0.0415334	0.37969	-2.63373	0.272944	0.624918	-1.60021	2.26985	6.10331	2.3901	1
cg00707300	PIKFYVE;PIKFYVE	0.13117	0.116355	1.18826	1.18826	0.0430742	1.26528	1.26528	0.0640283	1.23417	1.23417	0.849013	0.980919	-1.01945	0.918254	0.989676	-1.01043	0.0728603	1.22417	1.22417	0.187035	0.868169	-1.15185	0.208488	1.14343	1.14343	0.293581	1.11642	1.11642	2.26983	0.367334	0.143852	1
cg26578476	MAP3K9	0.131173	0.0468507	0.230751	-4.33367	0.120293	0.340751	-2.93469	0.0717499	0.275163	-3.63421	0.630533	0.736326	-1.35809	0.0261509	0.180773	-5.5318	0.0459558	0.228914	-4.36846	0.476862	0.632884	-1.58007	0.342148	0.537792	-1.85946	0.0524706	0.24183	-4.13514	2.39578	14.7832	4.79928	1
cg09067793	CCT7;CCT7;CCT7;C2orf7;CCT7;CCT7;CCT7	0.131174	?	?	?	0.74567	0.892228	-1.12079	0.925451	0.96774	-1.03334	0.977928	0.990353	-1.00974	0.0157505	0.354594	-2.82013	0.827097	0.926217	-1.07966	?	?	?	0.196703	1.61325	1.61325	0.071094	0.4934	-2.02676	2.31562	3.50184	1.72831	1
cg15018193	LOC100128811	0.131174	0.627795	0.82629	-1.21023	0.412272	0.720798	-1.38735	0.127076	0.524955	-1.90493	0.638572	0.831301	-1.20293	0.0225848	0.344221	-2.90511	0.381055	1.42033	1.42033	0.0334	0.378766	-2.64015	0.312247	1.50419	1.50419	0.27828	0.643845	-1.55317	2.26979	5.48313	2.14728	1
cg20744546	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.131176	0.124844	0.474215	-2.10875	0.815068	0.900131	-1.11095	0.775053	0.879268	-1.13731	0.669599	0.824685	-1.21258	0.0197098	0.282286	-3.54251	0.0358964	0.334156	-2.99262	0.541373	1.32001	1.32001	0.229703	1.76114	1.76114	0.317225	0.628578	-1.59089	2.26978	7.24932	2.83897	1
cg09008080	NOS1AP;NOS1AP	0.131178	0.0299658	0.0912426	-10.9598	0.730942	0.723498	-1.38217	0.909859	1.11203	1.11203	0.278186	0.347396	-2.87856	0.0843086	0.166869	-5.99273	?	?	?	0.0217466	0.0755684	-13.233	0.14689	0.232302	-4.30475	0.242234	0.317403	-3.15057	2.29032	28.3464	12.3766	1
cg20463894	C10orf110;C10orf110;C10orf110;C10orf110;IDI2	0.131178	0.515723	0.694992	-1.43887	0.141093	0.417323	-2.39623	0.098485	0.367735	-2.71935	0.425792	1.56674	1.56674	0.0614492	0.312465	-3.20036	0.710911	1.22819	1.22819	0.271697	0.531675	-1.88085	0.465795	1.50649	1.50649	0.0214851	0.217624	-4.59508	2.26976	10.9575	4.29121	1
cg01759112	WSCD1	0.131183	0.317761	0.709672	-1.4091	0.196265	0.635216	-1.57427	0.0622637	0.49808	-2.00771	0.425617	0.763238	-1.31021	0.126711	1.73083	1.73083	0.121466	0.572596	-1.74643	0.109093	0.559748	-1.78652	0.155077	1.65752	1.65752	0.917203	1.03514	1.03514	2.26973	3.96455	1.55263	1
cg01714932	PZP	0.131185	0.456973	0.743518	-1.34496	0.21087	1.6749	1.6749	0.631256	0.82763	-1.20827	0.308675	0.662191	-1.51014	0.0197383	0.332351	-3.00887	0.0209334	0.337214	-2.96548	0.200242	0.588993	-1.69781	0.486514	0.758349	-1.31865	0.524317	0.776908	-1.28715	2.26971	5.50194	2.15473	1
cg26030122	FLJ44635	0.131186	0.92885	0.960269	-1.04138	0.126359	2.11851	2.11851	0.900971	0.945055	-1.05814	0.829292	1.10298	1.10298	0.0110289	0.235187	-4.25194	0.243495	0.574657	-1.74017	0.104532	0.44688	-2.23774	0.510493	0.738588	-1.35393	0.240636	0.572542	-1.7466	2.2697	7.4077	2.9011	1
cg01577755	TRIP13	0.131187	0.167317	1.96682	1.96682	0.245873	1.74666	1.74666	0.719049	1.18057	1.18057	0.114306	2.20187	2.20187	0.15463	2.01392	2.01392	0.138566	2.08072	2.08072	0.2103	1.83424	1.83424	0.218205	1.81336	1.81336	0.0367623	0.327959	-3.04917	2.26969	7.59069	2.97277	1
cg00179374	PLXNA4;PLXNA4;PLXNA4	0.13119	0.639571	1.42136	1.42136	0.211684	2.66665	2.66665	0.388183	0.517209	-1.93345	0.672064	1.37357	1.37357	0.858445	0.875389	-1.14235	0.331618	2.11006	2.11006	0.0091188	0.0846331	-11.8157	0.185088	2.85116	2.85116	0.543772	0.632485	-1.58106	2.26967	19.9766	7.82359	1
cg26899651	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.131192	0.0348859	0.248427	-4.02533	0.798117	1.15624	1.15624	0.773115	0.848973	-1.17789	0.48061	0.666254	-1.50093	0.0271531	0.227368	-4.39815	0.266715	0.519227	-1.92594	0.901588	1.07258	1.07258	0.124606	0.389956	-2.56439	0.0312929	0.239077	-4.18275	2.26966	11.5316	4.51625	1
cg03289654	SCAPER	0.131192	0.0605859	0.661347	-1.51206	0.200988	1.30204	1.30204	0.16332	0.747696	-1.33744	0.723061	1.07201	1.07201	0.258869	0.794367	-1.25886	0.703102	1.07771	1.07771	0.0322108	1.63266	1.63266	0.77174	0.94474	-1.05849	0.376143	0.837365	-1.19422	2.26965	1.37283	0.537658	1
cg23586959	NCRNA00028	0.131195	0.661506	0.855206	-1.16931	0.758127	1.1159	1.1159	0.868635	1.06053	1.06053	0.379164	1.37754	1.37754	0.949211	1.02287	1.02287	0.00374138	0.249131	-4.01395	0.668262	1.16538	1.16538	0.575707	1.22231	1.22231	0.533694	1.2508	1.2508	2.26963	4.53053	1.77436	1
cg09374774	FAM78A	0.131197	0.117125	0.716054	-1.39654	0.0282182	0.601446	-1.66266	0.633835	0.910135	-1.09874	0.212437	0.772827	-1.29395	0.176807	0.754486	-1.32541	0.0839821	1.45527	1.45527	0.805714	0.952796	-1.04954	0.117885	0.716633	-1.39542	0.836742	1.04132	1.04132	2.26962	1.38401	0.542042	1
cg05396731	HYI	0.131199	0.748569	0.74377	-1.3445	0.232106	3.16952	3.16952	0.462636	1.99022	1.99022	0.0222983	0.0803768	-12.4414	0.264845	0.343109	-2.91453	0.0812473	0.168778	-5.92493	0.901537	0.892318	-1.12068	0.852842	0.842882	-1.18641	0.120832	4.70471	4.70471	2.2696	30.4575	11.9287	1
cg24830872	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	0.1312	0.917232	1.01542	1.01542	0.888116	0.979491	-1.02094	0.231593	1.20286	1.20286	0.380133	1.14171	1.14171	0.206995	1.21641	1.21641	0.946085	1.01001	1.01001	0.00969838	0.617739	-1.61881	0.164705	1.24384	1.24384	0.484547	1.11023	1.11023	2.26959	0.778934	0.30507	1
cg07528237	FAM108A1;FAM108A1	0.131203	0.0352641	0.64903	-1.54076	0.908589	0.979954	-1.02046	0.226466	1.25093	1.25093	0.550389	0.898959	-1.1124	0.130252	0.749676	-1.33391	0.188452	0.782183	-1.27847	0.0757876	0.705808	-1.41682	0.0442489	0.665375	-1.50291	0.252267	0.809909	-1.23471	2.26957	1.11716	0.437541	1
cg03527086	ESRRA	0.131206	0.141471	0.52895	-1.89054	0.0630879	2.32118	2.32118	0.327083	1.50306	1.50306	0.0360911	2.66936	2.66936	0.806806	1.10372	1.10372	0.798759	0.902212	-1.10839	0.126581	0.513938	-1.94576	0.56845	0.792797	-1.26136	0.5761	0.796511	-1.25548	2.26954	5.83166	2.28403	1
cg07583933	PACSIN1	0.131209	0.0874901	0.609848	-1.63975	0.0841841	1.65017	1.65017	0.227092	0.717169	-1.39437	0.0889216	0.611479	-1.63538	0.53171	0.846985	-1.18066	0.26622	1.35487	1.35487	0.32764	1.3033	1.3033	0.127341	0.649054	-1.5407	0.943572	1.01873	1.01873	2.26952	2.47034	0.967544	1
cg27569829	BCL2	0.131216	0.92132	0.954959	-1.04717	0.226023	0.552638	-1.8095	0.0238747	0.284349	-3.51681	0.241864	0.564713	-1.77081	0.519923	0.737654	-1.35565	0.2453	0.567278	-1.7628	0.00883211	0.211175	-4.7354	0.427678	0.685391	-1.45902	0.151511	0.488279	-2.04801	2.26946	7.82166	3.06354	1
cg00142624	FBXO21;FBXO21	0.13122	0.104068	0.644652	-1.55122	0.131019	1.49604	1.49604	0.249863	1.34593	1.34593	0.264219	1.33309	1.33309	0.616515	1.13285	1.13285	0.213475	0.72351	-1.38215	0.034173	0.543023	-1.84154	0.850137	1.04784	1.04784	0.471304	1.19845	1.19845	2.26943	2.19371	0.85923	1
cg06081609	SASH1	0.131223	0.0912295	5.70198	5.70198	0.273915	2.32587	2.32587	0.857464	1.122	1.122	0.0931634	0.179092	-5.58373	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	6.86185	13.6888	0.99746	1
cg14384228	KDM6A	0.131224	0.0766934	0.637212	-1.56934	0.196187	1.36728	1.36728	0.319996	1.26517	1.26517	0.611016	1.12458	1.12458	0.945226	0.984396	-1.01585	0.961127	0.988906	-1.01122	0.0515538	0.602162	-1.66068	0.504164	1.16783	1.16783	0.044305	0.589333	-1.69683	2.2694	1.883	0.73754	1
cg06943420	MMP23A;MMP23B	0.131224	0.0528081	11.0659	11.0659	0.0450031	12.3335	12.3335	0.992938	1.00971	1.00971	0.783344	1.35123	1.35123	0.204738	0.231911	-4.31199	0.23684	3.87109	3.87109	0.66822	0.624456	-1.60139	0.80397	0.762157	-1.31207	0.0383122	13.7568	13.7568	2.2694	42.8679	16.7907	1
cg00221394	ZNF10	0.131225	0.349452	0.897193	-1.11459	0.422782	0.911903	-1.09661	0.620541	0.94534	-1.05782	0.21509	0.863313	-1.15833	0.837467	0.977131	-1.0234	0.560051	1.06863	1.06863	0.00392249	0.645835	-1.54838	0.944814	0.992233	-1.00783	0.468847	1.08655	1.08655	2.26939	0.455961	0.178594	1
cg08949101	TCP10L	0.131226	0.0840731	0.272946	-3.66373	0.150027	0.350536	-2.85277	0.0804248	0.267844	-3.73352	0.17935	0.37949	-2.63511	0.0578883	0.233041	-4.29109	0.140415	0.340482	-2.93701	0.0340275	0.186219	-5.37002	0.0395482	0.198436	-5.03942	0.130856	0.330151	-3.02892	2.26938	16.5869	6.4969	1
cg07454113	RNF139	0.131227	0.873754	1.11574	1.11574	0.0209922	6.77002	6.77002	0.0560873	4.43823	4.43823	0.486418	1.62756	1.62756	0.24161	0.429903	-2.32611	0.766653	0.814674	-1.22749	0.524581	0.64139	-1.55911	0.0668358	4.11714	4.11714	0.873235	1.11625	1.11625	2.26937	17.0498	6.67824	1
cg06335301	EIF2B4;EIF2B4;SNX17;EIF2B4	0.131229	0.670236	0.918032	-1.08929	0.103145	1.42754	1.42754	0.559933	0.888968	-1.1249	0.0676403	1.50494	1.50494	0.277666	0.798194	-1.25283	0.566925	0.890869	-1.1225	0.0809734	0.679547	-1.47157	0.253509	1.26883	1.26883	0.121175	1.39868	1.39868	2.26936	1.43278	0.561207	1
cg20044090	KATNAL2;TCEB3CL	0.13124	0.214628	0.599047	-1.66932	0.206441	0.592921	-1.68656	0.152579	0.548275	-1.8239	0.113647	0.509067	-1.96438	0.0628465	0.440013	-2.27266	0.461807	1.34156	1.34156	0.0239497	0.347628	-2.87664	0.836007	0.921914	-1.0847	0.0573837	0.430363	-2.32362	2.26928	5.52948	2.16593	1
cg26497264	ZNF823	0.13124	0.136348	2.14461	2.14461	0.0585293	2.78371	2.78371	0.0581798	2.78884	2.78884	0.22886	1.81822	1.81822	0.756571	0.863991	-1.15742	0.104143	0.428873	-2.33169	0.103359	2.33714	2.33714	0.25604	1.75215	1.75215	0.35186	1.57179	1.57179	2.39518	8.20088	2.66304	1
cg01093296	JAG2;JAG2	0.13124	0.930383	1.02187	1.02187	0.0280731	1.90079	1.90079	0.496518	1.1864	1.1864	0.694717	1.10258	1.10258	0.153425	0.684933	-1.46	0.539936	1.16605	1.16605	0.177058	0.701024	-1.42648	0.0354517	1.83352	1.83352	0.865069	1.043	1.043	2.26927	2.20286	0.862875	1
cg22746789	GNG7	0.131241	0.129919	0.477103	-2.09598	0.951424	0.972818	-1.02794	0.874402	0.930943	-1.07418	0.163439	0.510271	-1.95974	0.111963	0.457056	-2.18791	0.433294	0.696489	-1.43577	0.0148254	0.25768	-3.88078	0.0397343	0.341089	-2.93178	0.0816983	0.417798	-2.3935	2.26927	7.35435	2.88075	1
cg14391382	UNC84A;UNC84A	0.131244	0.690514	1.25368	1.25368	0.0105275	6.161	6.161	0.0250925	4.5052	4.5052	0.862438	0.906674	-1.10293	0.335562	0.570659	-1.75236	0.863308	0.907243	-1.10224	0.595731	1.35322	1.35322	0.73112	1.21515	1.21515	0.913806	0.940669	-1.06307	2.26924	11.4691	4.4926	1
cg24554439	TMCO3	0.131245	0.861084	1.07177	1.07177	0.0128043	3.39895	3.39895	0.037316	2.60222	2.60222	0.517205	1.29673	1.29673	0.290977	0.648154	-1.54284	0.906996	1.04733	1.04733	0.229079	1.64782	1.64782	0.174342	1.77143	1.77143	0.300097	1.52947	1.52947	2.26923	5.62766	2.20443	1
cg26586300	NARF;NARF;NARF;NARF	0.131245	0.280134	1.43909	1.43909	0.497538	1.25019	1.25019	0.180671	1.58545	1.58545	0.16745	1.61138	1.61138	0.529651	1.22931	1.22931	0.771792	0.91002	-1.09888	0.519915	1.23552	1.23552	0.00505374	3.32679	3.32679	0.0765278	1.89421	1.89421	2.26923	3.77804	1.47991	1
cg07707599	YPEL5;YPEL5;YPEL5;YPEL5	0.131248	0.341796	1.12882	1.12882	0.0600137	0.769154	-1.30013	0.184033	0.840018	-1.19045	0.110554	0.806454	-1.24	0.620823	0.940177	-1.06363	0.422863	0.903689	-1.10658	0.12029	0.811828	-1.23179	0.37763	1.1185	1.1185	0.0948555	1.25493	1.25493	2.26921	0.549989	0.21544	1
cg21264207	EGR2;EGR2;EGR2;EGR2	0.131248	0.148931	0.782913	-1.27728	0.0206016	0.643451	-1.55412	0.740787	1.05389	1.05389	0.896065	0.979548	-1.02088	0.618281	1.08267	1.08267	0.157193	1.27021	1.27021	0.192961	0.804256	-1.24339	0.165821	1.26322	1.26322	0.510401	1.11134	1.11134	2.26921	0.898429	0.35193	1
cg09200668	B3GALTL	0.131248	0.471046	0.877782	-1.13923	0.158162	0.764722	-1.30766	0.515805	1.12428	1.12428	0.997828	1.00048	1.00048	0.288326	0.82203	-1.2165	0.590094	1.10152	1.10152	0.0135493	0.580876	-1.72154	0.0861408	1.4009	1.4009	0.776123	1.052	1.052	2.26921	1.13599	0.444987	1
cg24809011	STMN1	0.131248	0.03623	0.258635	-3.86646	0.536959	1.41508	1.41508	0.883726	1.08466	1.08466	0.120844	0.392901	-2.54517	0.227995	0.495241	-2.01922	0.625153	0.760762	-1.31447	0.0171589	0.199301	-5.01754	0.732828	1.20959	1.20959	0.146994	0.421349	-2.37333	2.26921	11.0833	4.34154	1
cg00369142	PPP2R3A;PPP2R3A	0.131249	0.531602	1.55198	1.55198	0.026115	0.160269	-6.23953	0.981286	1.0164	1.0164	0.258623	0.441503	-2.26499	0.035855	0.183844	-5.43939	0.153841	0.346776	-2.88371	0.147041	0.339791	-2.94299	0.806622	0.843565	-1.18545	0.059404	0.228528	-4.37583	2.2692	17.2921	6.77363	1
cg01984743	STC2	0.13125	0.927655	1.05627	1.05627	0.127307	0.370106	-2.70193	0.0653213	3.4804	3.4804	0.367124	1.74799	1.74799	0.0784735	0.307837	-3.24847	0.490197	0.655413	-1.52575	0.0416132	0.242681	-4.12063	0.691892	0.786549	-1.27138	0.716589	1.24578	1.24578	2.2692	13.0587	5.11536	1
cg11973167	VCPIP1	0.131252	0.672814	1.08542	1.08542	0.525883	1.13206	1.13206	0.824356	0.958008	-1.04383	0.228269	1.27641	1.27641	0.285915	1.23848	1.23848	0.449973	0.861946	-1.16017	0.00729667	1.94978	1.94978	0.887988	0.973168	-1.02757	0.162104	0.749706	-1.33386	2.26918	1.33851	0.524325	1
cg04266383	MCM4;MCM4	0.131255	0.542747	0.942378	-1.06114	0.787436	1.02638	1.02638	0.00968211	0.729565	-1.37068	0.564759	0.945473	-1.05767	0.0548329	0.810763	-1.23341	0.434946	1.07976	1.07976	0.468245	1.07368	1.07368	0.989913	1.00122	1.00122	0.406789	1.08518	1.08518	2.26915	0.333472	0.13063	1
cg12600692	PLCL1	0.131257	0.358723	0.522692	-1.91317	0.14308	0.338952	-2.95027	0.0840705	0.268748	-3.72096	0.216815	2.44328	2.44328	0.214781	0.407497	-2.45401	0.685625	0.755967	-1.32281	0.598935	0.694315	-1.44027	0.0270591	6.04487	6.04487	0.85307	0.880338	-1.13593	2.26914	16.9831	6.65277	1
cg19035232	TSHZ2	0.13126	0.108145	0.559528	-1.78722	0.914639	0.965104	-1.03616	0.516464	0.804186	-1.24349	0.280754	1.44977	1.44977	0.552292	0.819403	-1.2204	0.059551	0.494384	-2.02272	0.0152054	0.372435	-2.68504	0.348866	1.37642	1.37642	0.650224	0.859653	-1.16326	2.26911	3.94385	1.54494	1
cg09582200	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.13126	0.160761	0.461387	-2.16738	0.187424	2.05723	2.05723	0.480397	1.44827	1.44827	0.44769	0.670625	-1.49115	0.0246945	0.251343	-3.97862	0.384331	0.63094	-1.58494	0.165841	0.46626	-2.14473	0.0516363	0.318645	-3.13829	0.412004	0.648503	-1.54201	2.26911	9.58035	3.75296	1
cg15075851	HPRT1	0.131266	0.114995	0.515585	-1.93954	0.696851	0.859567	-1.16338	0.57702	0.804292	-1.24333	0.200101	1.68737	1.68737	0.0708268	0.4583	-2.18198	0.0380538	0.394762	-2.53317	0.056982	0.434942	-2.29916	0.480865	1.31912	1.31912	0.839671	0.924686	-1.08145	2.26907	5.36922	2.10335	1
cg03546360	DHRS3	0.131266	0.459725	1.84259	1.84259	0.0115697	12.982	12.982	0.670994	1.41472	1.41472	0.250248	2.65256	2.65256	0.589433	1.55639	1.55639	0.413685	1.97093	1.97093	0.754616	1.28992	1.28992	0.0178866	10.3484	10.3484	0.0787196	4.88116	4.88116	2.26906	23.6912	9.28087	1
cg11941773	ATP6AP2	0.131267	0.976902	0.986421	-1.01377	0.661329	0.812074	-1.23141	0.156722	0.489055	-2.04476	0.0641264	0.374407	-2.67089	0.00792153	0.200277	-4.9931	0.339524	0.628229	-1.59178	0.205013	0.531811	-1.88037	0.805697	1.12342	1.12342	0.104233	0.432262	-2.31341	2.26906	8.01338	3.13919	1
cg07643355	SLC25A26	0.131268	0.0695792	0.397586	-2.51518	0.321245	1.59314	1.59314	0.768841	0.874654	-1.14331	0.953479	1.02687	1.02687	0.0844251	0.420028	-2.38079	0.293187	0.609242	-1.64138	0.0246665	0.296482	-3.37289	0.0874363	0.424244	-2.35714	0.607269	1.26567	1.26567	2.26905	7.42153	2.90735	1
cg23386779	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.131275	0.0735813	0.325153	-3.07548	0.0404975	0.263808	-3.79063	0.0897422	0.348726	-2.86758	0.561211	0.718283	-1.39221	0.0462582	0.276372	-3.61832	0.0757945	0.328558	-3.0436	0.0818797	0.337616	-2.96195	0.0929019	0.353024	-2.83267	0.126781	0.394478	-2.53499	2.26899	11.399	4.46561	1
cg13520315	RABGGTA;RABGGTA	0.131277	0.128433	0.603153	-1.65795	0.527552	0.821248	-1.21766	0.150678	1.60624	1.60624	0.902287	1.03851	1.03851	0.123975	1.66952	1.66952	0.025799	0.44289	-2.2579	0.922471	0.970495	-1.0304	0.488104	1.24199	1.24199	0.244543	1.45433	1.45433	2.26898	3.40156	1.33259	1
cg00350914	KLF12	0.131285	0.527686	0.864855	-1.15626	0.122593	1.46176	1.46176	0.238222	1.32356	1.32356	0.322784	0.793144	-1.2608	0.0161976	0.513048	-1.94914	0.74364	0.92824	-1.07731	0.171749	1.39113	1.39113	0.545884	0.870497	-1.14877	0.520235	0.862521	-1.15939	2.26892	1.85023	0.724862	1
cg09932312	ACTN2	0.131287	0.722611	1.08426	1.08426	0.011117	2.05961	2.05961	0.962211	0.989304	-1.01081	0.154464	1.41334	1.41334	0.742577	0.927921	-1.07768	0.403983	1.21388	1.21388	0.801273	1.05892	1.05892	0.736396	1.0797	1.0797	0.0588879	0.616165	-1.62294	2.2689	1.85127	0.725274	1
cg09856107	RAF1	0.131287	0.189647	0.498693	-2.00524	0.142554	2.202	2.202	0.276212	1.76337	1.76337	0.531189	1.37391	1.37391	0.099098	0.404347	-2.47312	0.600766	0.767645	-1.30269	0.125668	0.436072	-2.2932	0.0535893	2.99747	2.99747	0.797151	0.878978	-1.13768	2.2689	9.01245	3.53082	1
cg23004043	RBM23;RBM23;RBM23	0.131288	0.246357	1.2684	1.2684	0.0205992	0.571471	-1.74987	0.0738273	1.48404	1.48404	0.226001	1.28338	1.28338	0.165276	1.33798	1.33798	0.332428	1.21614	1.21614	0.831662	1.04234	1.04234	0.76494	0.943244	-1.06017	0.837424	1.04084	1.04084	2.39475	1.40857	0.457481	1
cg08011328	MED20;BYSL;BYSL	0.131288	0.265753	0.858906	-1.16427	0.0349359	1.38037	1.38037	0.278973	1.15908	1.15908	0.152064	0.81772	-1.22291	0.450888	0.904159	-1.106	0.471214	0.908351	-1.1009	0.186445	1.20165	1.20165	0.549881	1.08258	1.08258	0.0942957	1.27282	1.27282	2.26889	0.618095	0.242153	1
cg07512258	CAMK2G;CAMK2G;CAMK2G;CAMK2G;CAMK2G	0.131288	0.0795924	0.402771	-2.4828	0.133381	0.469204	-2.13127	0.205882	0.535967	-1.86579	0.0957332	2.35193	2.35193	0.0661331	0.381592	-2.6206	0.902228	0.944178	-1.05912	0.678574	0.823021	-1.21504	0.164376	2.00054	2.00054	0.911046	1.05362	1.05362	2.26889	7.84976	3.07532	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26579601	MAP3K8	0.131289	0.02091	0.189187	-5.28577	0.166707	2.41884	2.41884	0.431717	0.618325	-1.61727	0.397673	1.68004	1.68004	0.103035	0.343541	-2.91086	0.646378	1.31884	1.31884	0.193333	0.438395	-2.28105	0.438724	0.623026	-1.60507	0.164026	0.4108	-2.43427	2.26888	12.8969	5.05268	1
cg11760986	NME1;NME1-NME2;NME1	0.131292	0.880552	0.97832	-1.02216	0.0460352	1.39551	1.39551	0.107593	1.29171	1.29171	0.882657	0.978702	-1.02176	0.955955	1.00808	1.00808	0.438704	0.891251	-1.12202	0.0446806	0.714647	-1.39929	0.571842	1.08684	1.08684	0.103936	1.29584	1.29584	2.26886	0.763462	0.299107	1
cg20843286	BLOC1S2;BLOC1S2;BLOC1S2	0.131293	0.763683	0.972007	-1.0288	0.98454	1.00183	1.00183	0.0856228	1.19591	1.19591	0.104895	0.84631	-1.1816	0.172805	0.87231	-1.14638	0.17757	0.873783	-1.14445	0.349461	1.09493	1.09493	0.0560698	1.226	1.226	0.412396	1.08211	1.08211	2.26885	0.318606	0.124823	1
cg00553880	PSIP1;PSIP1;PSIP1	0.131295	0.0598949	0.80369	-1.24426	0.32254	1.11093	1.11093	0.163671	1.16535	1.16535	0.744238	0.966861	-1.03428	0.605696	1.05507	1.05507	0.142233	0.850091	-1.17634	0.35017	1.10406	1.10406	0.190901	1.15323	1.15323	0.0609999	1.24281	1.24281	2.26884	0.380808	0.149194	1
cg15168497	AHRR	0.131298	0.232693	1.23573	1.23573	0.227147	1.23917	1.23917	0.235144	0.810222	-1.23423	0.806933	0.959435	-1.04228	0.467664	1.13313	1.13313	0.0384716	0.666613	-1.50012	0.19974	1.25749	1.25749	0.327325	1.18651	1.18651	0.0696612	1.40937	1.40937	2.26881	1.02783	0.40269	1
cg18044543	IFIT1L	0.131298	0.988402	0.996449	-1.00356	0.398235	0.809228	-1.23575	0.281771	0.76052	-1.31489	0.0729938	0.612995	-1.63134	0.0669914	0.605023	-1.65283	0.151125	1.45716	1.45716	0.249499	1.34251	1.34251	0.141256	1.47283	1.47283	0.296875	0.767449	-1.30302	2.26881	2.15212	0.843172	1
cg00402737	C4B;C4A	0.1313	0.189992	0.574158	-1.74168	0.0112887	0.281274	-3.55525	0.209537	0.589393	-1.69666	0.692648	0.853168	-1.1721	0.0175853	0.315138	-3.17321	0.836982	0.920947	-1.08584	0.574927	0.797327	-1.25419	0.869046	0.936172	-1.06818	0.182755	0.568275	-1.75971	2.26879	5.74123	2.24935	1
cg08897688	GSG1;GSG1	0.1313	0.0356989	0.56309	-1.77591	0.793543	0.940236	-1.06356	0.0299249	0.548728	-1.8224	0.0922993	0.647054	-1.54547	0.172584	0.711012	-1.40645	0.704986	1.09348	1.09348	0.596397	1.1338	1.1338	0.792437	1.06392	1.06392	0.0942297	0.649037	-1.54074	2.26879	1.98358	0.777146	1
cg16885982	BRSK2	0.131303	0.716582	0.894014	-1.11855	0.00517918	3.10836	3.10836	0.119724	1.67995	1.67995	0.44237	1.27214	1.27214	0.455372	0.791646	-1.26319	0.30724	1.38375	1.38375	0.343273	1.34988	1.34988	0.905805	1.03705	1.03705	0.805029	0.926817	-1.07896	2.26877	3.39303	1.32937	1
cg12363722	MTNR1A	0.131304	0.583514	1.53801	1.53801	0.942902	0.945908	-1.05719	0.828446	0.844918	-1.18355	0.0128494	11.9835	11.9835	0.0314119	0.134019	-7.46164	0.714528	1.33029	1.33029	0.524788	0.605708	-1.65096	0.940656	1.05951	1.05951	0.939864	0.943107	-1.06033	2.39461	22.3766	7.268	1
cg04376905	RRN3P3	0.131309	0.0426055	1.50599	1.50599	0.0438266	1.50137	1.50137	0.678308	1.0759	1.0759	0.70356	1.06936	1.06936	0.94651	0.988301	-1.01184	0.899123	0.978001	-1.02249	0.241511	1.2399	1.2399	0.30367	0.82956	-1.20546	0.0699487	0.700886	-1.42677	2.26873	1.1054	0.433097	1
cg21037184	GPR98;GPR98	0.131311	0.0436963	0.351798	-2.84254	0.689781	1.19814	1.19814	0.844492	0.915321	-1.09251	0.50464	0.737095	-1.35668	0.0274993	0.308925	-3.23703	0.0647327	0.392705	-2.54644	0.0375103	0.33708	-2.96666	0.94707	0.970531	-1.03036	0.824222	0.90463	-1.10542	2.26871	7.29372	2.85771	1
cg18578263	RINL	0.131314	0.468736	1.17349	1.17349	0.922073	0.978989	-1.02146	0.0797144	0.655701	-1.52509	0.423178	0.837331	-1.19427	0.549873	1.14031	1.14031	0.657251	1.10177	1.10177	0.0136157	1.93947	1.93947	0.114423	1.45155	1.45155	0.780568	0.941192	-1.06248	2.26868	1.6923	0.663056	1
cg26768605	WDR81;WDR81;WDR81;WDR81	0.131315	0.44154	0.821682	-1.21702	0.0628813	1.68829	1.68829	0.595815	1.14337	1.14337	0.149123	0.678974	-1.47281	0.0938957	0.630654	-1.58566	0.0776986	0.612193	-1.63347	0.136598	1.49385	1.49385	0.92187	0.975747	-1.02486	0.852185	0.954391	-1.04779	2.26867	2.25045	0.881749	1
cg07093428	LDHC;LDHC	0.131326	0.289948	1.77727	1.77727	0.61409	1.30502	1.30502	0.676239	0.802602	-1.24595	0.883019	1.08014	1.08014	0.00727128	0.163197	-6.12755	?	?	?	0.344775	1.66449	1.66449	0.359243	1.63816	1.63816	0.992342	1.00504	1.00504	2.28911	8.83479	3.85948	1
cg02460018	MANEAL;MANEAL;MANEAL;MANEAL	0.131326	0.704433	0.891586	-1.1216	0.015481	2.44555	2.44555	0.106381	1.70048	1.70048	0.48802	1.23631	1.23631	0.821558	1.07039	1.07039	0.360566	1.32712	1.32712	0.338302	1.34608	1.34608	0.106742	0.588451	-1.69938	0.376007	0.760672	-1.31463	2.26859	3.25734	1.27631	1
cg22958951	USP2	0.131327	0.115146	0.756135	-1.32252	0.0309232	0.661339	-1.51208	0.229624	0.814076	-1.22839	0.48131	0.889759	-1.1239	0.167991	1.27096	1.27096	0.171137	0.788369	-1.26844	0.358278	1.16667	1.16667	0.875402	1.02594	1.02594	0.0993139	0.744663	-1.34289	2.26858	0.956769	0.374886	1
cg23609082	SNX27	0.131327	0.120981	0.588213	-1.70006	0.574365	1.19612	1.19612	0.949489	1.02019	1.02019	0.835008	0.936299	-1.06804	0.00818972	0.343784	-2.9088	0.197644	0.650667	-1.53689	0.0625884	0.516165	-1.93737	0.772268	0.912489	-1.0959	0.262742	0.691774	-1.44556	2.26858	3.57841	1.40211	1
cg18357291	NUP210	0.131328	0.491174	1.37139	1.37139	0.46757	0.716007	-1.39664	0.910278	0.950625	-1.05194	0.229376	0.56188	-1.77974	?	?	?	0.930319	1.04007	1.04007	0.0162227	4.16084	4.16084	0.095814	2.34082	2.34082	0.378938	0.664201	-1.50557	2.58982	7.00423	2.0284	1
cg10717463	SALL3	0.13133	0.20467	1.1253	1.1253	0.283827	0.90646	-1.10319	0.840115	0.982341	-1.01798	0.144526	1.14825	1.14825	0.138148	0.868654	-1.15121	0.0299089	1.25273	1.25273	0.557756	1.05368	1.05368	0.357593	0.91994	-1.08703	0.246895	0.89871	-1.11271	2.26855	0.279511	0.109521	1
cg23378992	TCTN1;TCTN1;TCTN1	0.13133	0.0382393	0.727217	-1.3751	0.0829292	0.775188	-1.29001	0.208677	1.19218	1.19218	0.985409	0.997578	-1.00243	0.461343	0.905324	-1.10458	0.635809	1.06532	1.06532	0.0254779	0.703185	-1.4221	0.31997	0.87258	-1.14603	0.599025	0.932048	-1.07291	2.26855	0.632021	0.247645	1
cg12014441	KIAA1908;KIAA1908;KIAA1908;PSMG3;PSMG3	0.131335	0.548997	1.10747	1.10747	0.125531	0.756458	-1.32195	0.0637019	0.70403	-1.42039	0.892687	0.977533	-1.02298	0.390799	0.862405	-1.15955	0.192311	0.79269	-1.26153	0.850722	1.03223	1.03223	0.288701	0.830757	-1.20372	0.0284892	1.54526	1.54526	2.26851	1.01824	0.398986	1
cg17753169	ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;ANK1	0.131336	0.15942	0.692395	-1.44426	0.0595851	1.68167	1.68167	0.0884077	0.631544	-1.58342	0.986182	0.995775	-1.00424	0.687954	0.906009	-1.10374	0.100662	1.55211	1.55211	0.172827	1.4257	1.4257	0.836529	0.950743	-1.05181	0.256258	0.748478	-1.33604	2.26851	2.14739	0.841429	1
cg11131384	CNPY1	0.131337	0.847425	1.1344	1.1344	0.32226	1.95306	1.95306	0.159317	0.373573	-2.67685	0.199118	2.43088	2.43088	0.935653	1.05428	1.05428	0.572581	1.45248	1.45248	0.0557595	0.241981	-4.13256	0.0300809	5.31284	5.31284	0.313079	1.97999	1.97999	2.2685	15.3984	6.03368	1
cg27371091	ZNF211;ZNF211	0.131341	0.753007	0.946844	-1.05614	0.32644	0.839206	-1.1916	0.0341226	1.53389	1.53389	0.334286	1.18803	1.18803	0.065925	1.42902	1.42902	0.498863	0.887997	-1.12613	0.723248	1.06345	1.06345	0.274041	0.821244	-1.21766	0.0689057	1.42223	1.42223	2.26847	1.07559	0.421466	1
cg22781123	POLR2E	0.131346	0.5747	0.9129	-1.09541	0.0899123	1.35047	1.35047	0.232077	1.22317	1.22317	0.0294822	0.662282	-1.50993	0.177947	0.794466	-1.25871	0.950449	1.01004	1.01004	0.153381	1.27854	1.27854	0.391301	0.868336	-1.15163	0.702423	1.06364	1.06364	2.26843	0.928168	0.363705	1
cg12648523	ERBB2;ERBB2	0.131346	0.0595637	0.523234	-1.91119	0.982943	0.993509	-1.00653	0.0530646	0.511918	-1.95344	0.800292	1.08028	1.08028	0.0364361	0.476764	-2.09747	0.991055	1.00342	1.00342	0.122529	1.66487	1.66487	0.728551	1.11197	1.11197	0.47968	0.803418	-1.24468	2.26843	3.33376	1.30634	1
cg01182863	BRSK2	0.131352	0.927003	1.06016	1.06016	0.00508974	10.5964	10.5964	0.0436021	4.38927	4.38927	0.455313	1.62386	1.62386	0.962688	1.03027	1.03027	0.689986	1.29126	1.29126	0.7808	0.837064	-1.19465	0.883856	1.09767	1.09767	0.845011	0.882691	-1.1329	2.26838	14.6028	5.72226	1
cg19665106	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.131353	0.75685	0.964398	-1.03692	0.268683	0.87418	-1.14393	0.306476	0.883749	-1.13154	0.462297	0.916364	-1.09127	0.261306	1.14653	1.14653	0.761141	0.965038	-1.03623	0.238569	0.865815	-1.15498	0.0195001	1.39035	1.39035	0.0999243	1.23421	1.23421	2.26837	0.489473	0.191806	1
cg18802838	KCTD15;KCTD15;KCTD15	0.131355	0.302631	0.745519	-1.34135	0.171607	0.667428	-1.49829	0.856505	1.0504	1.0504	?	?	?	?	?	?	0.360767	1.29392	1.29392	0.564774	0.853276	-1.17195	0.0183927	0.433492	-2.30685	0.231737	1.41416	1.41416	2.6115	2.25905	0.741462	1
cg07471203	TM7SF2	0.131355	0.0829727	0.405644	-2.46522	0.207008	1.86914	1.86914	0.125219	2.18149	2.18149	0.684883	1.21138	1.21138	0.730692	0.850098	-1.17633	0.948465	0.970076	-1.03085	0.611653	0.786112	-1.27208	0.0167304	0.253417	-3.94607	0.490495	0.719501	-1.38985	2.26836	7.93666	3.1101	1
cg03386971	WNT7B	0.131355	0.355246	0.831287	-1.20295	0.154342	1.34481	1.34481	0.196166	0.766769	-1.30417	0.104309	0.708205	-1.41202	0.577101	0.89632	-1.11567	0.608672	1.10554	1.10554	0.0259658	1.67124	1.67124	0.268716	1.25085	1.25085	0.603508	1.10717	1.10717	2.26836	1.35633	0.531497	1
cg18883951	SCNN1A	0.131355	0.122696	0.514221	-1.94469	0.666809	1.18797	1.18797	0.0222499	0.336337	-2.97321	0.0601916	0.430428	-2.32327	0.0273249	0.354033	-2.82459	0.173108	0.561879	-1.77974	0.63268	0.825729	-1.21105	0.623048	0.821179	-1.21776	0.296245	0.650061	-1.53832	2.26836	5.68113	2.22624	1
cg27170141	CASZ1;CASZ1	0.131355	0.465192	1.2824	1.2824	0.0428056	2.18201	2.18201	0.303491	1.42855	1.42855	0.19087	1.58962	1.58962	0.163497	1.64487	1.64487	0.320329	1.41007	1.41007	0.0144676	2.74125	2.74125	0.02691	2.40375	2.40375	0.408311	1.32714	1.32714	2.26835	4.02332	1.5766	1
cg10885417	LAMB1	0.131358	0.0690812	0.51632	-1.93678	0.181563	0.630733	-1.58546	0.0276701	0.429124	-2.33033	0.59682	0.840729	-1.18944	0.0133265	0.369208	-2.7085	0.449029	0.77825	-1.28493	0.115984	0.573968	-1.74226	0.870939	0.948533	-1.05426	0.436007	0.772398	-1.29467	2.26833	3.794	1.48675	1
cg11103442	ATAD3A;ATAD3A;ATAD3A	0.131363	0.0707176	1.3235	1.3235	0.367706	0.879486	-1.13703	0.388797	1.13041	1.13041	0.764416	0.959145	-1.0426	0.331631	1.14914	1.14914	0.748092	1.04574	1.04574	0.0210812	1.46963	1.46963	0.160158	1.23154	1.23154	0.0410895	1.38696	1.38696	2.2683	0.691984	0.271171	1
cg15721102	FAM178B	0.131367	0.252631	0.386023	-2.59052	0.0645509	0.191286	-5.22778	0.0329778	0.137174	-7.28999	0.375811	0.484795	-2.06273	0.022565	0.11353	-8.80828	0.0981682	0.235743	-4.24192	0.101422	0.239638	-4.17296	0.425036	0.522603	-1.9135	0.087169	0.222118	-4.50211	2.26827	22.7959	8.93325	1
cg11340951	GTF2A1L;STON1-GTF2A1L;GTF2A1L	0.131367	0.644689	0.77445	-1.29124	0.164966	0.442488	-2.25995	0.110878	0.384386	-2.60155	0.0227319	0.222944	-4.48544	0.0205161	0.215151	-4.64789	0.099692	0.370409	-2.69972	0.429749	0.641678	-1.55841	0.462843	0.662752	-1.50886	0.0771517	0.339019	-2.94968	2.26826	10.8844	4.26537	1
cg04550941	SPCS3	0.131374	0.962276	0.990023	-1.01008	0.189652	1.3425	1.3425	0.616791	1.11289	1.11289	0.947891	0.986239	-1.01395	0.969689	1.00809	1.00809	0.828983	1.04693	1.04693	0.00386029	0.438103	-2.28257	0.981628	1.00489	1.00489	0.715314	0.925282	-1.08075	2.26821	1.61459	0.63274	1
cg14389183	MBD1;MBD1;MBD1;MBD1;MBD1	0.131376	0.515772	0.772506	-1.29449	0.855213	0.930952	-1.07417	0.0805469	0.468035	-2.13659	0.0856424	0.475131	-2.10468	0.553303	0.79065	-1.26478	0.0162345	0.316163	-3.16292	?	?	?	0.0871805	0.477213	-2.0955	0.543296	1.27252	1.27252	2.2887	4.94361	2.16001	1
cg23630593	CUX1;CUX1;CUX1	0.13138	0.498734	0.702263	-1.42397	0.0471329	3.21942	3.21942	0.461159	1.47128	1.47128	0.53001	0.720778	-1.38739	0.0122015	0.200429	-4.9893	0.721989	1.20186	1.20186	0.84832	0.906151	-1.10357	0.719202	1.2042	1.2042	0.386259	0.6331	-1.57953	2.26816	9.51554	3.72913	1
cg24818524	FRMPD4	0.13138	0.0477073	3.54374	3.54374	0.643425	1.29755	1.29755	0.522301	0.696042	-1.4367	0.622968	1.31903	1.31903	0.800281	0.867926	-1.15217	0.0876999	2.86696	2.86696	0.02787	4.2723	4.2723	0.0674004	3.14301	3.14301	0.522072	0.695899	-1.43699	2.26816	11.2161	4.39558	1
cg22108809	ACTBL2	0.13138	0.27434	0.738461	-1.35417	0.741304	0.915927	-1.09179	0.331002	1.30606	1.30606	0.692471	0.899964	-1.11116	0.00961085	0.405675	-2.46503	0.633831	1.13574	1.13574	0.0918483	1.64729	1.64729	0.994491	1.00183	1.00183	0.851098	1.05106	1.05106	2.39393	2.6053	0.846451	1
cg05076775	NPC2;ISCA2	0.13138	0.821613	1.08393	1.08393	0.897144	0.954896	-1.04723	0.0595477	0.468202	-2.13583	0.0590814	2.13956	2.13956	0.30932	1.45565	1.45565	0.572058	1.22599	1.22599	0.0447773	0.439536	-2.27513	0.611473	0.832929	-1.20058	0.254827	0.654246	-1.52848	2.26816	4.57455	1.79277	1
cg13622287	NAA16;NAA16;NAA16	0.131383	0.329307	0.876391	-1.14104	0.985734	1.00235	1.00235	0.669295	0.945247	-1.05793	0.0472591	0.742668	-1.3465	0.982367	0.997108	-1.0029	0.958486	0.993201	-1.00685	0.0159884	0.6794	-1.47189	0.203254	0.838607	-1.19245	0.129206	1.23969	1.23969	2.26814	0.616991	0.2418	1
cg23023820	MEGF11	0.131383	0.877921	0.974447	-1.02622	0.711412	1.06458	1.06458	0.719752	0.941131	-1.06255	0.781776	1.04787	1.04787	0.662744	1.0767	1.0767	0.00932463	0.573859	-1.74259	0.0744138	0.715528	-1.39757	0.158741	1.28876	1.28876	0.78164	1.0479	1.0479	2.26814	1.01871	0.399235	1
cg23643835	13-Sep	0.131383	0.268528	0.64129	-1.55936	0.378943	0.706111	-1.41621	0.0112813	0.294201	-3.39904	0.29441	0.657551	-1.52079	0.768553	1.12048	1.12048	0.927907	1.0355	1.0355	0.236362	1.61338	1.61338	0.0500761	0.422623	-2.36618	0.522069	0.778698	-1.2842	2.26813	5.33867	2.09225	1
cg26267272	TRIM43B	0.131385	0.039786	0.168704	-5.92756	0.727691	0.769731	-1.29916	0.139113	0.303649	-3.29328	0.488966	0.590797	-1.69263	0.00976406	0.0865933	-11.5482	0.881713	0.894513	-1.11793	0.0795691	0.232969	-4.29242	0.156415	0.321415	-3.11124	0.524781	0.617222	-1.62016	2.26812	20.1354	7.89116	1
cg14390758	LOC100128811;GPR158	0.131389	0.28171	0.839377	-1.19136	0.367041	1.15607	1.15607	0.0509851	1.41611	1.41611	0.382244	1.15056	1.15056	0.626519	1.07978	1.07978	0.281755	0.839392	-1.19134	0.442131	0.884565	-1.1305	0.276192	0.837548	-1.19396	0.0302362	1.48999	1.48999	2.26808	0.87991	0.344847	1
cg18910243	MARCH8;MARCH8;MARCH8	0.131391	0.601691	1.10447	1.10447	0.747604	0.940901	-1.06281	0.999475	0.999876	-1.00012	0.551854	0.892644	-1.12027	0.224505	0.786057	-1.27217	0.0234802	1.66628	1.66628	0.0747624	1.45423	1.45423	0.124322	1.36885	1.36885	0.103347	1.39952	1.39952	2.26807	1.27869	0.501135	1
cg13598528	C15orf24;PGBD4	0.131392	0.987817	0.996693	-1.00332	0.0707408	1.54984	1.54984	0.148783	1.39934	1.39934	0.0323657	0.580636	-1.72225	0.116565	0.690736	-1.44773	0.681655	0.914393	-1.09362	0.518477	0.86759	-1.15262	0.943802	1.01541	1.01541	0.328484	1.24464	1.24464	2.26806	1.69119	0.662802	1
cg07035022	4-Mar	0.131392	0.156211	0.526874	-1.89799	0.0116371	0.263892	-3.78942	0.18082	0.548673	-1.82258	0.768278	0.882663	-1.13293	0.077836	0.43699	-2.28838	0.251074	0.602543	-1.65963	0.156644	0.527275	-1.89654	0.0389607	0.364347	-2.74464	0.210739	0.572874	-1.74558	2.26806	6.41049	2.51237	1
cg14742523	HNRNPA1L2;HNRNPA1L2	0.131393	0.27564	1.17335	1.17335	0.218174	0.833113	-1.20032	0.623167	1.07231	1.07231	0.571793	0.922618	-1.08387	0.755865	1.04494	1.04494	0.366138	1.13983	1.13983	0.0202784	1.48363	1.48363	0.0488545	0.728271	-1.37312	0.836218	1.02961	1.02961	2.26805	0.713735	0.279725	1
cg13521842	BEGAIN	0.131396	0.895624	1.04901	1.04901	0.0488847	2.27019	2.27019	0.557574	1.24136	1.24136	0.12416	0.54502	-1.8348	0.190136	0.603009	-1.65835	0.112383	1.87776	1.87776	0.589601	1.21959	1.21959	0.576899	0.814268	-1.2281	0.0650052	2.12826	2.12826	2.26803	4.77332	1.87077	1
cg12338493	C1orf74	0.131397	0.248811	0.861379	-1.16093	0.407777	1.11051	1.11051	0.484945	1.09182	1.09182	0.905175	0.985356	-1.01486	0.0220947	1.40458	1.40458	0.672688	0.948759	-1.05401	0.0365785	0.740292	-1.35082	0.757167	1.03914	1.03914	0.338957	1.12976	1.12976	2.26803	0.550423	0.215723	1
cg14658470	FAM38A	0.131398	0.211847	0.823383	-1.2145	0.00505064	0.578185	-1.72955	0.288114	0.849628	-1.17699	0.616066	0.928018	-1.07757	0.568452	0.91835	-1.08891	0.497154	0.903157	-1.10723	0.20896	1.21616	1.21616	0.765073	0.956685	-1.04528	0.783742	1.04149	1.04149	2.26801	0.784266	0.307372	1
cg25229198	ADAMTS6	0.131399	0.0222423	0.187718	-5.32713	0.273729	0.498933	-2.00428	0.680041	0.776354	-1.28807	0.246242	0.477002	-2.09643	0.0134059	0.154226	-6.48399	0.807159	0.861323	-1.161	0.366297	0.567459	-1.76224	0.051595	0.258599	-3.86699	0.425163	0.608262	-1.64403	2.26801	13.3853	5.24604	1
cg22581831	LAPTM4B	0.131399	0.274899	0.777144	-1.28676	0.996315	1.00103	1.00103	0.018052	1.89172	1.89172	0.567207	0.879535	-1.13696	0.952215	0.986787	-1.01339	0.333095	0.801239	-1.24807	0.356587	1.23423	1.23423	0.766101	1.06845	1.06845	0.0330126	1.73905	1.73905	2.26801	1.76946	0.693496	1
cg04696840	HLA-DQB1	0.131405	0.207269	4.46384	4.46384	0.738766	1.45716	1.45716	0.0363048	0.0647044	-15.4549	0.801766	1.32709	1.32709	0.521649	0.481603	-2.0764	0.901766	0.87031	-1.14902	0.12983	0.158698	-6.30128	0.0731284	9.47101	9.47101	0.132003	0.16061	-6.22626	2.26796	45.4528	17.8145	1
cg20822579	RIPK3;RIPK3	0.131407	0.118957	3.23876	3.23876	0.118526	3.24397	3.24397	0.574844	1.48227	1.48227	0.330534	2.00824	2.00824	0.0346226	5.53298	5.53298	0.0962732	3.55465	3.55465	0.0245024	6.42863	6.42863	0.164192	2.80329	2.80329	0.0496851	4.73439	4.73439	2.26794	17.3222	6.78917	1
cg16204066	ITPR3	0.131408	0.0405684	7.93611	7.93611	0.0655588	6.11191	6.11191	0.452712	1.95435	1.95435	0.164018	3.67208	3.67208	0.331521	2.40501	2.40501	0.11889	4.40436	4.40436	0.168979	3.60981	3.60981	0.0181852	12.3264	12.3264	0.0692975	5.92976	5.92976	2.26794	27.5578	10.8009	1
cg10347949	XRCC3;XRCC3;XRCC3	0.13141	0.834841	1.0922	1.0922	0.474684	1.35949	1.35949	0.239917	1.6817	1.6817	0.438535	1.39624	1.39624	0.288567	1.59265	1.59265	0.177373	0.54575	-1.83234	0.0145886	0.280645	-3.56322	0.516655	0.757479	-1.32017	0.203432	1.76312	1.76312	2.26792	6.4095	2.51214	1
cg04278110	ANKRD44	0.131411	0.219694	1.59707	1.59707	0.654237	1.17767	1.17767	0.164107	0.58358	-1.71356	0.305229	1.4698	1.4698	0.2456	0.643691	-1.55354	0.854445	1.06888	1.06888	0.709238	0.872953	-1.14554	0.0121864	3.10541	3.10541	0.358022	0.709727	-1.40899	2.26791	4.72655	1.85253	1
cg12303813	NUAK2	0.131411	0.0939652	0.261771	-3.82014	0.0225321	0.136905	-7.30435	0.474052	0.588666	-1.69876	0.119346	0.292259	-3.42163	0.0340103	0.165138	-6.05553	0.135629	0.310208	-3.22364	0.0453445	0.18809	-5.31661	0.301912	0.459147	-2.17795	0.231398	0.40108	-2.49327	2.26791	19.0257	7.45694	1
cg15944459	PLA2G6;BAIAP2L2;PLA2G6	0.131412	0.0406344	0.313663	-3.18813	0.654829	0.80195	-1.24696	0.35064	0.624261	-1.60189	0.313693	0.599845	-1.6671	0.103576	0.417642	-2.3944	0.0328949	0.294076	-3.40048	0.0212335	0.257065	-3.89007	0.234264	0.542499	-1.84332	0.105017	0.419436	-2.38416	2.2679	8.64103	3.38679	1
cg10687823	HAUS5	0.131413	0.470278	0.837593	-1.1939	0.017622	0.49823	-2.00711	0.472351	1.19288	1.19288	0.115153	1.51179	1.51179	0.6893	1.10182	1.10182	0.304879	0.773867	-1.29221	0.0801156	0.625967	-1.59753	0.551231	1.15658	1.15658	0.915275	1.02601	1.02601	2.2679	2.09094	0.819532	1
cg19350125	ANP32A	0.131413	0.386346	0.863905	-1.15753	0.245852	1.22134	1.22134	0.613056	1.08764	1.08764	0.753675	1.05323	1.05323	0.421552	1.14483	1.14483	0.85152	1.03135	1.03135	0.00654743	0.558832	-1.78945	0.221957	0.809394	-1.23549	0.74689	1.0548	1.0548	2.26789	0.974808	0.38207	1
cg14284889	TIGD3	0.131414	0.71716	0.918613	-1.0886	0.291168	1.29123	1.29123	0.0261268	1.85123	1.85123	0.29371	0.775574	-1.28937	0.74998	1.07746	1.07746	0.0296663	0.550291	-1.81722	0.461988	1.19092	1.19092	0.423719	1.21004	1.21004	0.907266	0.973175	-1.02756	2.26789	1.95573	0.766539	1
cg12608169	RPL29P2;DNAH2	0.131415	0.179944	1.29142	1.29142	0.0476004	0.665737	-1.50209	0.0261075	0.622481	-1.60648	0.0753303	0.700762	-1.42702	0.689355	0.930384	-1.07482	0.243545	0.80322	-1.24499	0.216242	0.791604	-1.26326	0.449654	0.870799	-1.14837	0.937694	0.986059	-1.01414	2.26788	1.15835	0.45401	1
cg04676799	CDO1	0.131416	0.21593	0.514995	-1.94177	0.0648237	0.347608	-2.87681	0.758771	0.85474	-1.16995	0.859657	1.09437	1.09437	0.0266886	0.262354	-3.81165	0.296706	0.576193	-1.73553	0.017533	0.229233	-4.36237	0.122055	0.425726	-2.34893	0.673385	0.805713	-1.24114	2.26787	9.32617	3.65537	1
cg02745719	REEP5	0.131419	0.935947	0.974393	-1.02628	0.0855325	0.541505	-1.8467	0.071035	0.521592	-1.91721	0.641028	1.16364	1.16364	0.775177	0.911724	-1.09682	0.104344	1.77361	1.77361	0.0917482	1.82064	1.82064	0.28254	1.43389	1.43389	0.215386	1.52326	1.52326	2.26785	3.74117	1.46636	1
cg22197050	LOC100132215	0.131419	0.477986	2.0187	2.0187	0.0361963	10.7167	10.7167	0.0382863	10.3584	10.3584	0.145332	4.58435	4.58435	0.547249	1.80956	1.80956	0.500903	1.94493	1.94493	0.88027	1.15809	1.15809	0.0126863	20.418	20.418	0.302382	2.83016	2.83016	2.26785	34.0555	13.3482	1
cg14570506	BAD;BAD	0.131421	0.114633	0.743936	-1.3442	0.0565364	0.689246	-1.45086	0.932242	0.985447	-1.01477	0.159804	0.771867	-1.29556	0.768306	1.05225	1.05225	0.0477219	0.676852	-1.47743	0.0753937	1.40672	1.40672	0.877018	0.973656	-1.02706	0.971453	0.99385	-1.00619	2.26783	1.06745	0.418393	1
cg00521551	EHD1	0.131421	0.0818904	0.733158	-1.36396	0.385607	1.15397	1.15397	0.197232	1.24542	1.24542	0.665794	0.932426	-1.07247	0.477739	0.890284	-1.12324	0.1453	1.28632	1.28632	0.0511386	1.42989	1.42989	0.210526	1.23668	1.23668	0.107808	1.32648	1.32648	2.26783	0.931048	0.364929	1
cg14262439	TMEM132B	0.131422	0.0556652	17.3258	17.3258	0.456644	2.71057	2.71057	0.734845	1.56384	1.56384	0.523256	2.34185	2.34185	0.0461494	20.1926	20.1926	0.541468	0.443513	-2.25472	0.966937	1.05603	1.05603	0.0128408	58.2288	58.2288	0.184331	6.37394	6.37394	2.26783	62.1412	24.3566	1
cg01614598	FAM82A1	0.131423	0.205872	0.804332	-1.24327	0.0742474	1.38343	1.38343	0.756077	1.05216	1.05216	0.0957593	1.3479	1.3479	0.886969	0.97706	-1.02348	0.791553	1.04417	1.04417	0.035144	0.670021	-1.49249	0.966267	1.00692	1.00692	0.166365	1.27226	1.27226	2.26782	0.956294	0.374827	1
cg10496915	PM20D2	0.131426	0.365508	0.852015	-1.17369	0.997289	1.00059	1.00059	0.449547	1.14194	1.14194	0.223753	0.802388	-1.24628	0.564036	0.904428	-1.10567	0.0524589	0.683964	-1.46207	0.898437	0.978245	-1.02224	0.288976	1.20876	1.20876	0.0207851	1.61506	1.61506	2.2678	1.06563	0.417685	1
cg19086093	OAZ3;OAZ3	0.131426	0.473397	1.2052	1.2052	0.18747	0.699374	-1.42985	0.241871	1.36826	1.36826	0.167444	1.45739	1.45739	0.129165	0.657252	-1.52149	0.104458	1.57503	1.57503	0.116228	1.54796	1.54796	0.684081	1.11039	1.11039	0.135784	0.662673	-1.50904	2.26779	2.35312	0.922334	1
cg14295526	STK32C	0.131428	0.0666642	0.462892	-2.16033	0.0705772	0.469095	-2.13176	0.154611	0.565123	-1.76953	0.851972	1.07248	1.07248	0.0824288	0.486447	-2.05572	0.108964	0.519547	-1.92476	0.0211155	0.35389	-2.82573	0.818873	0.917667	-1.08972	0.888505	1.05395	1.05395	2.26778	5.0397	1.97538	1
cg08962305	LRRC2;TDGF1	0.131428	0.0801374	0.17373	-5.75606	0.243248	0.3326	-3.00661	0.363048	0.430519	-2.32278	0.0848759	0.179456	-5.5724	0.0453365	0.126213	-7.92312	0.564187	0.59123	-1.69139	0.011	0.0563619	-17.7425	0.157574	0.256046	-3.90556	0.205245	0.299726	-3.33638	2.26778	29.1914	11.442	1
cg20255231	MYOM2	0.131428	0.836961	1.12344	1.12344	0.0328365	4.09689	4.09689	0.0686193	3.16267	3.16267	0.948896	0.96444	-1.03687	0.0280999	0.231042	-4.32822	0.540695	1.41886	1.41886	0.658877	1.28527	1.28527	0.910312	1.06572	1.06572	0.861283	0.905922	-1.10385	2.26778	11.4613	4.49241	1
cg08472781	PGR	0.13143	0.205402	0.762728	-1.31108	0.485333	1.15459	1.15459	0.589136	0.895344	-1.11689	0.0256077	0.584134	-1.71194	0.924131	1.0195	1.0195	0.88746	1.02912	1.02912	0.637647	1.10096	1.10096	0.981589	0.995333	-1.00469	0.0128782	0.534685	-1.87026	2.26776	1.47626	0.578645	1
cg19172222	TBX21	0.131431	0.759589	0.877788	-1.13923	0.191644	1.79865	1.79865	0.706975	0.851824	-1.17395	0.346298	0.662408	-1.50964	0.116952	0.485169	-2.06114	0.323317	0.648419	-1.54221	0.077091	0.433981	-2.30425	0.0310814	2.92914	2.92914	0.483606	0.739094	-1.35301	2.26775	6.47729	2.5389	1
cg01315063	C17orf96	0.131437	0.214782	0.865088	-1.15595	0.177132	0.852829	-1.17257	0.108641	1.21434	1.21434	0.254261	0.876242	-1.14124	0.260163	1.13922	1.13922	0.0539481	0.784427	-1.27482	0.656871	0.951593	-1.05087	0.147239	1.18839	1.18839	0.557546	1.06804	1.06804	2.26771	0.442323	0.17338	1
cg05411186	DHX30;DHX30;MIR1226	0.131437	0.931022	0.986573	-1.01361	0.0152082	1.59288	1.59288	0.0492343	0.704337	-1.41977	0.899111	1.02	1.02	0.996994	0.999412	-1.00059	0.501452	0.898943	-1.11242	0.915449	0.983554	-1.01672	0.149263	1.27312	1.27312	0.496813	0.897871	-1.11375	2.26771	0.875702	0.343255	1
cg08120389	AKAP10	0.131438	0.358559	0.870451	-1.14883	0.0215647	1.50018	1.50018	0.0342609	1.43763	1.43763	0.612373	0.927659	-1.07798	0.926167	0.986471	-1.01371	0.795614	0.96257	-1.03889	0.383432	1.14036	1.14036	0.908822	1.01698	1.01698	0.08076	1.32923	1.32923	2.2677	0.775686	0.304052	1
cg13844820	ELAVL4;ELAVL4;ELAVL4;ELAVL4;ELAVL4	0.13144	0.736187	0.896165	-1.11587	0.014044	2.67285	2.67285	0.985637	0.994181	-1.00585	0.645266	1.16217	1.16217	0.307286	1.40867	1.40867	0.084173	1.85793	1.85793	0.534513	1.22623	1.22623	0.232312	1.50097	1.50097	0.104704	0.562746	-1.777	2.26768	3.77518	1.4798	1
cg13862682	C9orf150	0.131445	0.0475997	0.716009	-1.39663	0.869312	0.976012	-1.02458	0.525435	1.09952	1.09952	0.58765	0.922446	-1.08407	0.228871	0.830111	-1.20466	0.483429	0.90031	-1.11073	0.0533673	0.723546	-1.38208	0.348959	1.15278	1.15278	0.0671594	1.35326	1.35326	2.26764	0.780822	0.306073	1
ch.17.1360189	CA10;CA10;CA10	0.131448	0.0522917	0.330482	-3.02589	0.0154725	0.225368	-4.43719	0.373968	0.632682	-1.58057	0.0524314	0.330756	-3.02337	0.0739768	0.368271	-2.71539	0.424042	0.663943	-1.50615	0.149135	0.460239	-2.17278	0.209305	0.514885	-1.94218	0.965298	0.978413	-1.02206	2.26762	9.03694	3.54241	1
cg21619325	OSR1	0.131448	0.243059	0.549383	-1.82022	0.843353	0.90755	-1.10187	0.127862	0.446136	-2.24147	0.508382	0.719665	-1.38954	0.00931254	0.198407	-5.04014	0.319174	0.603645	-1.6566	0.0281871	0.280617	-3.56357	0.72257	0.839637	-1.19099	0.131003	0.449552	-2.22444	2.26762	8.63401	3.38447	1
cg14113919	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.131449	0.143631	0.116324	-8.59669	0.196462	0.154133	-6.48789	0.695438	1.71373	1.71373	0.1261	9.64054	9.64054	0.076486	14.8499	14.8499	0.0997029	0.0845653	-11.8252	0.981218	1.03276	1.03276	0.122856	9.86296	9.86296	0.651941	1.86206	1.86206	2.26761	67.3222	26.3899	1
cg12179641	NOTCH4	0.131452	0.377442	0.612519	-1.6326	0.0427023	0.28288	-3.53507	0.0396903	0.276006	-3.62311	0.435583	0.65016	-1.53808	0.345848	1.69122	1.69122	0.16898	2.21044	2.21044	0.0844028	0.355864	-2.81007	0.480799	0.678494	-1.47385	0.801262	0.872395	-1.14627	2.26758	10.5206	4.12405	1
cg04162223	TMCO3	0.131453	0.386985	0.866254	-1.1544	0.34298	0.853694	-1.17138	0.255095	0.824991	-1.21213	0.938232	1.01263	1.01263	0.00613899	0.560503	-1.78411	0.793774	1.04333	1.04333	0.309319	1.18572	1.18572	0.378349	1.15759	1.15759	0.680153	1.06942	1.06942	2.26758	0.941489	0.369062	1
cg20868898	SSTR1	0.131454	0.488377	0.898967	-1.11239	0.751614	1.04922	1.04922	0.101859	1.31121	1.31121	0.151899	0.792734	-1.26146	0.337456	0.86103	-1.1614	0.997687	1.00044	1.00044	0.939547	1.01154	1.01154	0.146536	1.26591	1.26591	0.0176776	1.54744	1.54744	2.26757	0.822191	0.322299	1
cg26628496	PPP1R3B	0.131454	0.749158	0.86498	-1.1561	0.371709	0.660546	-1.5139	0.225828	0.562662	-1.77727	0.218407	1.79559	1.79559	0.0150333	0.258889	-3.86266	0.376683	0.66354	-1.50707	0.0595568	0.382342	-2.61546	0.81467	1.11201	1.11201	0.117372	0.463472	-2.15763	2.26757	7.3418	2.87799	1
cg14530275	BNC2	0.131457	0.133424	0.372119	-2.68731	0.218471	0.453656	-2.20431	0.963046	0.972104	-1.0287	0.286181	0.508464	-1.96671	0.0360986	0.225725	-4.43016	0.0838497	0.31092	-3.21627	0.0206961	0.18248	-5.48007	0.0517073	0.258693	-3.86558	0.318232	0.532613	-1.87753	2.26755	13.3917	5.2496	1
cg01247836	SRCIN1	0.131462	0.119991	0.332814	-3.00468	0.18657	2.49239	2.49239	0.271021	2.11159	2.11159	0.481493	0.627092	-1.59466	0.0109402	0.124554	-8.02864	0.853348	0.886307	-1.12828	0.606146	1.40385	1.40385	0.499002	0.63914	-1.5646	0.438569	0.597305	-1.67419	2.26751	15.2777	5.98903	1
cg10659886	ZSCAN18;ZSCAN18	0.131464	0.113364	3.12984	3.12984	0.612879	0.713276	-1.40198	0.00832605	9.33108	9.33108	0.670487	1.32768	1.32768	0.798156	0.843911	-1.18496	0.248164	0.449559	-2.2244	0.729775	0.794823	-1.25814	0.80598	0.849619	-1.177	0.204885	2.42505	2.42505	2.26749	15.7495	6.17402	1
cg14624773	MYADML	0.131466	0.825107	0.857445	-1.16626	0.985529	0.987476	-1.01268	0.538798	0.648921	-1.54102	0.715334	1.28985	1.28985	0.173467	0.365522	-2.73581	0.74196	0.794846	-1.2581	0.00494192	13.2882	13.2882	0.386105	1.85414	1.85414	0.594831	1.45212	1.45212	2.26748	17.3419	6.79832	1
cg27217194	GABBR1;GABBR1	0.131466	0.0629798	0.726269	-1.3769	0.778621	1.04404	1.04404	0.83618	0.968835	-1.03217	0.826437	0.966978	-1.03415	0.190198	0.808851	-1.23632	0.466534	0.892884	-1.11997	0.00491024	0.565587	-1.76807	0.309552	0.851466	-1.17444	0.895431	0.980093	-1.02031	2.26747	0.839657	0.32916	1
cg00496769	CXCR5;CXCR5	0.131467	0.0319386	0.322639	-3.09944	0.226775	0.564906	-1.77021	0.210931	0.552571	-1.80972	0.369244	0.660348	-1.51435	0.0525062	0.370777	-2.69704	0.225253	0.563742	-1.77386	0.0454268	0.356072	-2.80842	0.0268651	0.307323	-3.2539	0.172889	0.520616	-1.9208	2.26747	7.27272	2.85104	1
cg02337583	ZC3H11A	0.131474	0.0408093	0.167362	-5.97507	0.669066	0.722148	-1.38476	0.184418	0.344436	-2.9033	0.584732	0.658497	-1.51861	0.0296596	0.143986	-6.94512	0.159479	0.320408	-3.12102	0.037294	0.160415	-6.23381	0.769852	1.2487	1.2487	0.0849963	0.23648	-4.22869	2.26741	20.5825	8.06892	1
cg26292241	STK16;GLB1L;GLB1L;STK16	0.131477	0.217417	0.574715	-1.73999	0.687279	0.841366	-1.18854	0.103952	2.13581	2.13581	0.0249623	0.320231	-3.12275	0.489955	0.741312	-1.34896	?	?	?	0.571528	1.27641	1.27641	0.949511	0.973333	-1.0274	0.0774509	0.432678	-2.31119	2.28788	5.86797	2.56481	1
cg15670863	SPACA4;FAM83E	0.131482	0.0465288	0.410595	-2.43549	0.909226	0.956443	-1.04554	0.13114	0.529183	-1.88971	0.860363	1.07117	1.07117	0.0251048	0.353354	-2.83003	0.117295	0.514651	-1.94306	0.0461959	0.409881	-2.43973	0.707987	1.15826	1.15826	0.676326	0.848796	-1.17814	2.26734	5.47476	2.14632	1
cg24549289	LOC728264;MIR145	0.131484	0.829594	1.05627	1.05627	0.155773	1.47068	1.47068	0.976516	1.0075	1.0075	0.779823	0.931296	-1.07377	0.118115	1.53873	1.53873	0.0513134	1.75695	1.75695	0.0153865	2.12832	2.12832	0.0750417	1.65453	1.65453	0.877106	0.961459	-1.04009	2.26733	2.31642	0.908133	1
cg07168142	HSPB9;KAT2A	0.131488	0.10011	7.86594	7.86594	0.0263966	20.3699	20.3699	0.167719	5.38354	5.38354	0.243123	4.0482	4.0482	0.0963886	8.08402	8.08402	0.139167	6.1855	6.1855	0.0404782	15.013	15.013	0.0638769	10.8535	10.8535	0.0964962	8.07751	8.07751	2.2673	47.0618	18.4505	1
cg12282588	FCRL2	0.131496	0.0251668	0.0900634	-11.1033	0.592692	1.62933	1.62933	0.39453	0.45457	-2.19988	0.512195	0.548282	-1.82388	0.104203	0.200708	-4.98237	0.0985373	0.194402	-5.14398	0.0698437	0.159971	-6.25112	0.040441	0.117684	-8.49735	0.184929	0.280516	-3.56486	2.26724	29.3484	11.5063	1
cg01176047	GREM2	0.131498	0.903998	0.933133	-1.07166	0.0705064	3.188	3.188	0.0732482	3.14479	3.14479	0.906411	1.06979	1.06979	0.017979	0.192261	-5.20125	0.586903	1.3698	1.3698	0.668747	0.781237	-1.28002	0.454386	1.54819	1.54819	0.900687	0.930895	-1.07424	2.26722	11.8129	4.63138	1
cg24170784	CABP7	0.131504	0.64651	1.10375	1.10375	0.335423	0.808695	-1.23656	0.907528	1.02515	1.02515	0.371402	0.821858	-1.21675	0.0274687	0.572659	-1.74624	0.354793	1.22567	1.22567	0.0251263	1.76721	1.76721	0.509212	0.86664	-1.15388	0.99923	0.999794	-1.00021	2.26717	1.64073	0.643281	1
cg01028796	BICD2;BICD2	0.131505	0.0341134	0.158112	-6.32465	0.482899	1.70222	1.70222	0.306583	2.20246	2.20246	0.821175	1.18398	1.18398	0.0720584	0.223647	-4.47134	0.726527	0.76957	-1.29943	0.0579976	0.202206	-4.94546	0.114366	0.277755	-3.6003	0.313604	0.459591	-2.17585	2.26716	19.9793	7.83329	1
cg08857906	PPP1R8;PPP1R8;PPP1R8	0.131506	0.493484	1.09186	1.09186	0.239415	1.16847	1.16847	0.71182	1.04801	1.04801	0.423035	0.901751	-1.10895	0.0167299	0.691359	-1.44643	0.388871	1.11807	1.11807	0.147008	0.821452	-1.21736	0.878021	1.0196	1.0196	0.0895678	0.789353	-1.26686	2.26716	0.573478	0.224845	1
cg11068946	NKX6-2	0.131507	0.207653	0.76659	-1.30448	0.152345	0.735859	-1.35896	0.197507	0.761458	-1.31327	0.0891308	0.687251	-1.45507	0.125583	1.39323	1.39323	0.0547856	0.646761	-1.54617	0.0667044	0.662792	-1.50877	0.183217	0.753887	-1.32646	0.694012	0.923946	-1.08231	2.26715	1.43705	0.563427	1
cg04927982	KDM5C;KDM5C	0.131507	0.507923	1.66238	1.66238	0.0560867	7.8291	7.8291	0.0522379	8.32568	8.32568	0.741758	1.27767	1.27767	?	?	?	0.594836	1.49505	1.49505	?	?	?	?	?	?	0.145226	0.265233	-3.77028	4.24321	19.4886	2.29645	1
cg13279956	SPRYD5	0.131512	0.0731483	0.388607	-2.5733	0.0174322	0.254371	-3.93127	0.100856	0.427458	-2.33941	0.358193	0.639621	-1.56343	0.0354814	0.314142	-3.18327	0.189845	0.518528	-1.92853	0.202256	0.528999	-1.89036	0.0765476	0.393854	-2.53901	0.437878	0.68779	-1.45393	2.26711	8.03201	3.14919	1
cg20675796	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.131513	0.0989153	0.73851	-1.35408	0.411724	1.15099	1.15099	0.953174	0.99021	-1.00989	0.589128	1.09566	1.09566	0.610495	0.917533	-1.08988	0.168728	0.782159	-1.27851	0.0112209	1.70286	1.70286	0.514609	0.895192	-1.11708	0.868188	0.972555	-1.02822	2.2671	1.00788	0.395172	1
cg19192280	PRRT1	0.131514	0.400999	1.87579	1.87579	0.131875	3.28728	3.28728	0.546496	1.56291	1.56291	0.828151	0.852931	-1.17243	0.85952	0.878419	-1.13841	0.758149	1.25358	1.25358	0.0118994	9.94471	9.94471	0.0193522	7.92084	7.92084	0.332981	2.07667	2.07667	2.2671	19.2256	7.53802	1
cg12033029	KIF5C	0.131519	0.192253	0.532174	-1.87908	0.896446	1.06132	1.06132	0.399853	1.48271	1.48271	0.798153	1.12425	1.12425	0.191627	0.531646	-1.88095	0.257553	0.582759	-1.71598	0.0138169	0.248915	-4.01743	0.116454	2.18058	2.18058	0.840297	0.911912	-1.0966	2.26705	7.49933	2.94041	1
cg17560523	EIF2C2;EIF2C2	0.131521	0.0814636	5.99334	5.99334	0.50344	1.87687	1.87687	0.986464	0.984393	-1.01585	0.218578	3.31978	3.31978	0.115032	4.89862	4.89862	0.310139	2.64799	2.64799	0.018137	14.3035	14.3035	0.0594019	7.19371	7.19371	0.0426661	8.70392	8.70392	2.26704	30.8703	12.104	1
cg06626759	RALGAPA1;RALGAPA1	0.131525	0.545062	0.837263	-1.19437	0.374373	0.767656	-1.30267	0.036285	0.493658	-2.0257	0.0348045	0.48996	-2.04098	0.397574	0.777874	-1.28556	0.0841357	0.574556	-1.74047	0.224355	1.44792	1.44792	0.375483	1.30183	1.30183	0.927988	0.974127	-1.02656	2.26701	3.01938	1.18389	1
cg00034003	CTU2;CTU2	0.131525	0.156302	0.525021	-1.90469	0.0637481	0.412512	-2.42417	0.49684	0.745943	-1.34058	0.820953	1.1011	1.1011	0.0400455	0.364875	-2.74066	0.120633	0.489088	-2.04462	0.0167958	0.289438	-3.45497	0.166737	0.534525	-1.87082	0.282985	0.622527	-1.60636	2.26701	6.48136	2.54133	1
cg01587095	CCDC97	0.131525	0.275636	0.855666	-1.16868	0.0234288	1.45085	1.45085	0.269942	1.17104	1.17104	0.992334	0.99868	-1.00132	0.853699	0.974948	-1.0257	0.30503	0.864171	-1.15718	0.227346	1.19028	1.19028	0.931189	1.01194	1.01194	0.0586295	0.745573	-1.34125	2.26701	0.678256	0.265943	1
cg16313903	RPS4X;RPS4X	0.13153	0.900831	0.938561	-1.06546	0.468595	0.687246	-1.45508	0.107852	0.409672	-2.44098	0.261436	0.5512	-1.81422	0.0603001	0.340405	-2.93767	0.0155032	0.220875	-4.52745	0.359983	1.61394	1.61394	0.437084	1.49663	1.49663	0.804163	1.1347	1.1347	2.26697	9.28809	3.64191	1
cg19605575	TMEM63C	0.131531	0.204494	2.08542	2.08542	0.031468	3.99441	3.99441	0.013342	5.37953	5.37953	0.288973	1.82979	1.82979	0.358007	1.6801	1.6801	0.0971033	2.71694	2.71694	0.887535	0.925265	-1.08077	0.0926428	2.76145	2.76145	0.573437	1.36651	1.36651	2.26696	10.8179	4.24178	1
cg27478313	GMDS	0.131532	0.152635	4.66694	4.66694	0.0525107	9.17952	9.17952	0.120842	5.42849	5.42849	0.124949	5.31319	5.31319	0.145955	4.80514	4.80514	0.542267	1.85951	1.85951	0.357988	2.58716	2.58716	0.0105756	25.3724	25.3724	0.0979427	6.20658	6.20658	2.26696	36.3063	14.236	1
cg07387591	PCSK2	0.131532	0.0289041	0.707481	-1.41347	0.299905	0.865619	-1.15524	0.368513	0.883314	-1.1321	0.535674	0.919196	-1.08791	0.109477	0.79103	-1.26417	0.185303	0.82804	-1.20767	0.96441	1.00601	1.00601	0.416922	0.894541	-1.11789	0.0476863	1.35553	1.35553	2.26695	0.647884	0.25404	1
cg19978312	RASGEF1C	0.131533	0.215381	3.00235	3.00235	0.0281278	8.9009	8.9009	0.032169	8.29366	8.29366	0.230202	2.8901	2.8901	0.880991	1.13463	1.13463	0.329836	2.3345	2.3345	0.0219067	10.1593	10.1593	0.140412	3.80799	3.80799	0.37933	2.13905	2.13905	2.26695	25.5196	10.0064	1
cg19040385	SORCS1;SORCS1	0.131538	0.206163	0.699771	-1.42904	0.0337291	0.514855	-1.9423	0.0527247	0.554577	-1.80317	0.468529	1.21829	1.21829	0.108463	0.625774	-1.59802	0.449645	0.813632	-1.22906	0.158389	1.49732	1.49732	0.954625	1.01535	1.01535	0.375054	0.783692	-1.27601	2.2669	2.57327	1.00902	1
cg24322139	SAP18	0.131539	0.76908	0.853525	-1.17161	0.0671306	0.331564	-3.01601	0.0077586	0.158901	-6.29322	0.939105	0.959728	-1.04196	0.698862	0.811282	-1.23262	0.121385	0.405149	-2.46823	0.55474	1.37911	1.37911	0.556521	0.72618	-1.37707	0.133925	0.419107	-2.38603	2.26689	10.3916	4.07472	1
cg14982088	RNF168	0.13154	0.64583	0.834006	-1.19903	0.00601285	0.244626	-4.08788	0.353336	0.687561	-1.45442	0.384148	1.41911	1.41911	0.872791	0.93908	-1.06487	0.543083	0.785472	-1.27312	0.621313	0.822568	-1.21571	0.358761	1.44797	1.44797	0.245037	1.61122	1.61122	2.26689	5.52429	2.16618	1
cg13392022	ADAR	0.13154	0.192984	0.413412	-2.41889	0.434251	0.599563	-1.66788	0.187981	0.408808	-2.44614	0.859434	1.12036	1.12036	0.0127619	0.13756	-7.26958	0.602754	0.714156	-1.40025	0.0147826	0.146143	-6.84264	0.645596	0.743119	-1.34568	0.337279	0.530319	-1.88566	2.26689	14.7587	5.78715	1
cg02798144	MATK	0.131541	0.635586	1.10816	1.10816	0.0094119	2.03038	2.03038	0.211406	1.32745	1.32745	0.651299	1.10284	1.10284	0.381297	1.21312	1.21312	0.636429	0.902629	-1.10788	0.591939	0.890106	-1.12346	0.180852	1.35754	1.35754	0.0402627	1.66497	1.66497	2.26688	1.66186	0.651649	1
cg21171704	BICD2;BICD2	0.131544	0.201287	0.53805	-1.85856	0.136496	0.478664	-2.08915	0.827234	1.1056	1.1056	0.584306	0.775892	-1.28884	0.0367174	0.32805	-3.04832	0.0981442	0.434663	-2.30063	0.0386623	0.332922	-3.00371	0.0287958	0.306001	-3.26796	0.718153	0.846655	-1.18112	2.26686	7.57267	2.96942	1
cg16080427	FKBP10	0.13155	0.779825	1.15507	1.15507	0.855022	1.09865	1.09865	0.292968	0.570521	-1.75278	0.972456	1.01792	1.01792	0.0246571	0.252506	-3.96031	0.0317337	0.273859	-3.65152	0.454814	0.675962	-1.47937	0.102452	2.50746	2.50746	0.710642	0.825558	-1.2113	2.26681	9.50004	3.72527	1
cg02655351	MEGF6	0.131552	0.320447	0.702125	-1.42425	0.538569	0.806949	-1.23924	0.0515176	0.466012	-2.14587	0.179446	0.611885	-1.63429	0.0286712	0.411009	-2.43304	0.315982	0.699673	-1.42924	0.037184	0.434607	-2.30093	0.0804647	0.51278	-1.95015	0.0540555	0.47083	-2.12391	2.26679	4.2603	1.67061	1
cg10960135	POLQ	0.131552	0.735095	1.0814	1.0814	0.522664	1.16101	1.16101	0.859558	0.960011	-1.04165	0.394699	0.818015	-1.22247	0.745667	1.07788	1.07788	0.0971713	0.657387	-1.52117	0.00512796	0.426567	-2.3443	0.290332	0.776567	-1.28772	0.699366	0.914464	-1.09354	2.26679	1.90625	0.747508	1
cg17891421	PHYHIP;PHYHIP	0.131555	0.986995	0.988522	-1.01161	0.0485845	4.93188	4.93188	0.00820579	10.9736	10.9736	0.479453	1.66398	1.66398	0.198784	0.382199	-2.61644	0.651838	1.3795	1.3795	0.521888	1.58372	1.58372	0.762006	1.24003	1.24003	0.89003	1.10295	1.10295	2.26677	18.0108	7.06274	1
cg03469790	GABRD	0.131556	0.563472	1.3271	1.3271	0.0106817	4.73498	4.73498	0.196539	1.93798	1.93798	0.642337	1.25436	1.25436	0.108592	0.428249	-2.33509	0.519099	0.728552	-1.37259	0.303137	0.596416	-1.67668	0.566865	1.32377	1.32377	0.83696	1.105	1.105	2.26676	8.42869	3.30523	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg01910125	TBC1D16	0.131559	0.518646	0.777144	-1.28676	0.117743	0.519654	-1.92436	0.0320247	0.37986	-2.63255
cg27125093	S1PR4	0.131559	0.466721	0.619999	-1.6129	0.504394	0.645808	-1.54845	0.201695	0.418875	-2.38735
cg07763473	ZNF821;ATXN1L	0.131562	0.221409	0.677169	-1.47674	0.96016	1.01527	1.01527	0.960606	0.985131	-1.01509
cg13533616	PPP2R4;PPP2R4;PPP2R4;PPP2R4	0.131566	0.0884022	0.380618	-2.62731	0.00849411	0.17798	-5.6186	0.114832	0.414333	-2.41352
cg05264501	SOHLH2	0.131566	0.997275	0.999252	-1.00075	0.710393	1.08515	1.08515	0.0870213	0.660982	-1.5129
cg01498098	SACS	0.131567	0.542652	0.873824	-1.14439	0.976057	0.993453	-1.00659	0.632576	0.899944	-1.11118
cg22135109	THSD1P	0.131567	?	?	?	0.878452	0.888449	-1.12556	0.182365	0.31048	-3.22082
cg21004924	MAD1L1;MAD1L1;MAD1L1	0.131571	0.0356982	0.062299	-16.0516	0.455019	0.421428	-2.37288	0.803288	0.753201	-1.32767
cg19599472	ZDHHC15;ZDHHC15;ZDHHC15	0.131572	0.168556	0.466001	-2.14592	0.168373	0.465829	-2.14671	0.253426	0.53754	-1.86033
cg18720736	PMS2L11	0.131577	0.296259	0.607882	-1.64506	0.987678	0.992927	-1.00712	0.936452	0.964013	-1.03733
cg12565580	ATP8A2	0.13158	0.905068	1.04281	1.04281	0.0139649	0.344142	-2.90577	0.0304617	0.409193	-2.44383
cg08318899	CHD3;CHD3;CHD3;SCARNA21	0.13158	0.859326	0.909842	-1.09909	0.0304922	0.258152	-3.87369	0.732492	0.832987	-1.2005
cg14078518	GK2	0.131582	0.874542	0.96699	-1.03414	0.285857	0.790199	-1.2655	0.0456565	0.614588	-1.62711
cg16584475	WWP1	0.131586	0.60851	1.13515	1.13515	0.331518	1.27869	1.27869	0.106398	1.54131	1.54131
cg13800496	UTRN	0.13159	0.0498826	0.36756	-2.72064	0.546555	0.761051	-1.31397	0.03071	0.321144	-3.11387
cg13935167	RFX7	0.131591	0.137155	0.535812	-1.86633	0.440056	0.735745	-1.35917	0.0559293	0.430023	-2.32546
cg14267645	STRA8	0.131592	0.131529	0.617509	-1.61941	0.433288	1.26714	1.26714	0.0126441	0.399358	-2.50402
cg16724124	HLTF;HLTF	0.131593	0.0692863	2.83473	2.83473	0.548524	1.36515	1.36515	0.842656	1.10727	1.10727
cg05364179	PCGF3	0.131594	0.339943	0.703726	-1.42101	0.165574	1.69611	1.69611	0.122529	1.81818	1.81818
cg07053964	PIGQ;PIGQ	0.131594	0.774746	0.936738	-1.06753	0.0425623	0.587518	-1.70208	0.12421	0.684436	-1.46106
cg09179046	MKL2	0.131596	0.725446	0.925036	-1.08104	0.328603	1.24962	1.24962	0.110521	1.46862	1.46862
cg18748617	ADAM7	0.131596	0.194427	0.439098	-2.2774	0.596689	1.37739	1.37739	0.0219755	0.192521	-5.19425
cg19097259	IGSF8	0.131598	0.138602	1.97605	1.97605	0.318729	1.55306	1.55306	0.369512	1.48247	1.48247
cg02980152	GBE1	0.131598	0.326421	1.23123	1.23123	0.443499	1.17398	1.17398	0.0944476	1.45852	1.45852
cg10823157	ATP9B	0.131599	0.118605	1.45863	1.45863	0.0161137	1.92725	1.92725	0.493854	1.16745	1.16745
cg15747848	FSIP1;FSIP1	0.131601	0.291825	0.841244	-1.18872	0.50668	1.11236	1.11236	0.157173	0.787322	-1.27013
cg08477687	MIR1977	0.131603	0.892407	1.07151	1.07151	0.0898132	0.385041	-2.59713	0.125296	0.428789	-2.33215
cg04839259	TACC2;TACC2	0.131605	0.135197	8.72283	8.72283	0.776779	0.682278	-1.46568	0.136294	8.66207	8.66207
cg23119039	COL4A2	0.131605	0.195722	1.40429	1.40429	0.784312	0.934186	-1.07045	0.0555566	0.583697	-1.71322
cg15821554	SLC25A3;SLC25A3;SLC25A3;SNORA53	0.131606	0.0259722	0.23204	-4.3096	0.160166	0.436307	-2.29196	0.629399	0.76432	-1.30835
cg22252469	STARD13;STARD13;STARD13	0.131607	0.19153	1.50077	1.50077	0.628887	1.15371	1.15371	0.479646	0.809788	-1.23489
cg20730629	MAP3K12	0.131609	0.498974	0.760918	-1.3142	0.971743	0.98603	-1.01417	0.0189242	3.20274	3.20274
cg14716172	ZNF408	0.131609	0.149641	0.363599	-2.75028	0.0099469	0.118581	-8.43305	0.0706433	0.266327	-3.75478
cg06108254	EXOC6B	0.131609	0.11595	0.453422	-2.20545	0.401234	1.48845	1.48845	0.368048	0.651805	-1.5342
cg12302621	SLC28A1;SLC28A1	0.131611	0.107729	0.401244	-2.49225	0.00892651	0.177167	-5.64438	0.057679	0.327379	-3.05457
cg21543987	UNCX	0.131612	0.201927	0.831412	-1.20277	0.432747	1.11594	1.11594	0.846696	0.973826	-1.02688
cg25974355	LPHN2	0.131612	0.240537	1.56969	1.56969	0.493624	1.29058	1.29058	0.181132	1.68365	1.68365
cg00553200	RENBP	0.131615	0.180363	0.570283	-1.75352	0.00942793	0.272764	-3.66618	0.855725	0.930667	-1.0745
cg07410811	MIR210	0.131616	0.854746	0.972274	-1.02852	0.218311	1.21979	1.21979	0.0481437	1.41416	1.41416
cg26030713	C8orf45;C8orf45;C8orf45	0.131618	0.0736352	4.83811	4.83811	0.881317	0.888605	-1.12536	0.103215	4.09181	4.09181
cg16738453	PPAP2B;PPAP2B	0.131619	0.26692	0.409574	-2.44156	0.00552812	0.0599611	-16.6775	0.0608483	0.195777	-5.10785
cg18634516	HLA-DPB2	0.13162	0.195696	0.398197	-2.51132	0.579876	0.686423	-1.45683	0.191797	0.394619	-2.53409
cg00774005	DLX6AS	0.131623	0.277028	2.02348	2.02348	0.305678	0.516222	-1.93715	0.930307	1.05605	1.05605
cg11278799	ESF1;C20orf7;C20orf7;C20orf7	0.131625	0.275882	0.796981	-1.25473	0.100036	1.43446	1.43446	0.866393	1.03429	1.03429
cg23710611	DAB1	0.131627	0.0172654	0.275823	-3.62551	0.314387	0.630024	-1.58724	0.0560231	0.382463	-2.61463
cg09062323	RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.131629	0.28806	0.810349	-1.23404	0.0742229	1.46123	1.46123	0.459848	1.15428	1.15428
cg23257569	ARHGAP29	0.13163	0.150924	2.67025	2.67025	0.0619661	3.82324	3.82324	0.673481	1.31053	1.31053
cg20905902	C20orf27;C20orf27	0.13163	0.29912	1.17285	1.17285	0.550955	0.914491	-1.0935	0.781195	0.959585	-1.04212
cg05889186	TNXB	0.131635	0.361132	1.47665	1.47665	0.779968	1.12331	1.12331	0.510703	0.758049	-1.31918
cg04879577	RRAGD;RRAGD	0.13164	0.834442	1.04061	1.04061	0.0300452	1.6247	1.6247	0.123583	1.3733	1.3733
cg23034356	RAB1B	0.131641	0.0910422	0.582161	-1.71774	0.977021	1.00841	1.00841	0.269442	1.39689	1.39689
cg01294270	C2orf56;C2orf56	0.13165	0.0061343	0.244671	-4.08712	0.598067	0.811038	-1.23299	0.551454	0.78882	-1.26772
cg15934004	SDK1	0.131651	0.0154396	0.193951	-5.15593	0.777652	1.16911	1.16911	0.422977	1.57098	1.57098
cg08711858	STC2	0.131651	0.547889	0.742134	-1.34747	0.81123	0.889278	-1.12451	0.00370762	6.84126	6.84126
cg23344412	SUB1	0.131652	0.0589246	0.630807	-1.58527	0.797728	0.946035	-1.05704	0.0716868	0.647656	-1.54403
cg02356872	LIN7B	0.131656	0.477661	1.11306	1.11306	0.354067	1.15195	1.15195	0.160821	1.24887	1.24887
cg01412469	INHBA;LOC285954;LOC285954	0.131657	0.0602751	0.476328	-2.0994	0.136639	1.75285	1.75285	0.48853	1.27927	1.27927
cg14657749	FOSB;FOSB	0.131657	0.0126506	0.610957	-1.63678	0.806485	0.961737	-1.03979	0.327263	1.17441	1.17441
cg13153661	TOP1MT	0.131659	0.0696075	1.74906	1.74906	0.0220662	2.13043	2.13043	0.12532	1.5794	1.5794
cg08844390	ZBTB17	0.131661	0.973994	0.993035	-1.00701	0.490865	1.16189	1.16189	0.935393	0.982767	-1.01754
cg19637750	SHC4	0.131662	0.235582	0.52197	-1.91582	0.0236686	4.10756	4.10756	0.162336	2.18201	2.18201
cg11185039	TBCK;AIMP1;TBCK;AIMP1;TBCK;AIMP1;TBCK	0.131663	0.530541	0.896188	-1.11584	0.430913	0.870499	-1.14877	0.151778	1.30332	1.30332
cg20521104	RAB40AL	0.131663	0.368155	1.28786	1.28786	0.556877	0.849921	-1.17658	0.651943	0.883143	-1.13232
cg02988255	GPR44	0.131667	0.703696	1.09161	1.09161	0.98998	1.00288	1.00288	0.548037	0.869846	-1.14963
cg01710432	HCN4	0.131667	0.659286	1.07872	1.07872	0.127639	0.754787	-1.32488	0.227938	0.805628	-1.24127
cg04527876	DVL3	0.13167	0.2625	0.696635	-1.43547	0.151432	0.62151	-1.60898	0.588358	0.844443	-1.18421
cg05502103	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.131671	0.79613	1.16326	1.16326	0.731868	1.22249	1.22249	0.891897	0.92365	-1.08266
cg23990949	CCDC23;CCDC23;ERMAP	0.131678	0.274189	1.37892	1.37892	0.215643	1.44485	1.44485	0.769709	1.08643	1.08643
cg03396447	TMOD2;TMOD2	0.13168	0.158181	2.0014	2.0014	0.675181	0.823805	-1.21388	0.557392	1.31376	1.31376
cg08139238	EEF2K	0.13168	0.229496	0.427933	-2.33681	0.197556	2.50145	2.50145	0.252993	2.23377	2.23377
cg03446399	MIR29B2	0.131681	0.197848	0.598949	-1.66659	0.248741	1.57467	1.57467	0.37063	1.41372	1.41372
cg14571622	NLRP8	0.131682	0.0335854	0.0749919	-13.3348	0.241546	0.278258	-3.59379	0.0739821	0.125182	-7.98836
cg21610368	PIAS1	0.131684	0.982436	0.996073	-1.00394	0.0365834	0.647779	-1.54374	0.140579	0.753255	-1.32757
cg22837767	PAX1	0.131688	0.386557	1.47612	1.47612	0.503153	1.34731	1.34731	0.467928	1.38269	1.38269
cg17003293	INSM2	0.131691	0.922723	0.953001	-1.04932	0.126433	2.27119	2.27119	0.221643	1.89147	1.89147
cg06460883	LARP1;LARP1	0.131701	0.0374988	0.466788	-2.1423	0.0727996	0.531677	-1.88084	0.248419	0.683294	-1.4635
cg27448433	CREB5;CREB5	0.131707	0.261046	2.39533	2.39533	0.479151	1.70939	1.70939	0.0980657	0.258637	-3.86642
cg10016348	APOBEC3F;APOBEC3F	0.131716	0.349904	0.787084	-1.27051	0.366003	1.25998	1.25998	0.093503	0.631917	-1.58249
cg18886071	SLAMF1;SLAMF1	0.131717	0.183894	0.370888	-2.69623	0.420465	0.560415	-1.78439	0.177644	0.36497	-2.73995
cg03436478	SGCE;PEG10;SGCE;PEG10;SGCE	0.131717	0.0625143	1.40977	1.40977	0.0318871	1.50981	1.50981	0.867234	1.02779	1.02779
cg12684668	GPX3	0.131718	0.281663	0.701512	-1.42549	0.407475	1.30798	1.30798	0.942782	0.977513	-1.023
cg08715720	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.131726	0.2808	0.626358	-1.59653	0.130921	0.506285	-1.97517	0.0623382	0.416627	-2.40023
cg23729443	BGLAP	0.131729	0.0306101	0.351847	-2.84215	0.0890563	0.462488	-2.16222	0.124528	0.504664	-1.98152
cg23833617	STOX2	0.131732	0.770054	0.934568	-1.07001	0.537033	1.15525	1.15525	0.0885417	0.648043	-1.54311
cg02231404	SOX18	0.131734	0.0232297	58.4835	58.4835	0.119273	12.6215	12.6215	0.264187	5.72825	5.72825
cg01150943	COL25A1;COL25A1	0.131734	0.0808931	0.445395	-2.2452	0.205698	0.572438	-1.74691	0.00606449	0.223687	-4.47054
cg00288463	SGPP2	0.131736	0.791453	1.07489	1.07489	0.143482	0.651572	-1.53475	0.652223	0.883713	-1.13159
cg08306084	WDR46;WDR46	0.131736	0.12212	0.537142	-1.86171	0.0463195	0.428852	-2.33181	0.275936	0.656797	-1.52254
cg05374654	GPR83	0.131739	0.609713	1.0953	1.0953	0.61349	1.09423	1.09423	0.0949183	1.38329	1.38329
cg22005853	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.131739	0.810487	0.795821	-1.25656	?	?	?	0.826996	1.23129	1.23129
cg21700774	CDK14	0.131745	0.0603156	0.598447	-1.67099	0.0467442	1.73635	1.73635	0.378536	1.24477	1.24477
cg12647496	NGF	0.131746	0.990304	1.00473	1.00473	0.961831	1.01875	1.01875	0.196312	0.588323	-1.69975
cg26855219	KCNA5	0.131747	0.271517	0.694696	-1.43948	0.0550787	1.99803	1.99803	0.210575	1.52171	1.52171
cg06817737	WNK1	0.131748	0.166546	0.619488	-1.61424	0.929281	1.02924	1.02924	0.569271	1.20531	1.20531
cg11202422	CREB5;CREB5;CREB5	0.13175	0.156899	2.77757	2.77757	0.937191	1.05462	1.05462	0.728501	1.26508	1.26508
cg17203063	KCNC2;KCNC2;KCNC2	0.13175	0.643359	0.580765	-1.72187	0.358573	3.00499	3.00499	0.385216	2.82229	2.82229
cg16252637	C1orf198;C1orf198	0.131752	0.699544	0.844639	-1.18394	0.146618	1.97061	1.97061	0.127115	2.05105	2.05105
cg13645282	AEBP2;AEBP2	0.131753	0.380998	1.25459	1.25459	0.500526	1.18839	1.18839	0.980552	1.00617	1.00617
cg15534020	MRPL22;MRPL22	0.131755	0.420677	0.664743	-1.50434	0.00537822	0.162152	-6.16705	0.281428	1.74312	1.74312
cg18226096	DUPD1	0.131757	0.0155498	0.342001	-2.92397	0.396922	1.36844	1.36844	0.381608	1.38332	1.38332
cg25721451	MEIS1;MEIS1	0.131759	0.221183	0.581868	-1.7186	0.554911	1.28591	1.28591	0.870117	0.933415	-1.07133
cg06845634	PAK2	0.131759	0.510101	1.0891	1.0891	0.0172698	1.44845	1.44845	0.77697	0.964372	-1.03694
cg17417856	PRMT1;C19orf76;PRMT1;PRMT1	0.13176	0.105057	0.631546	-1.58342	0.157013	0.675209	-1.48102	0.48156	0.830587	-1.20397
cg24498031	PAK6;C15orf56;PAK6;PAK6	0.131763	0.161552	0.100054	-9.99464	0.40859	3.675	3.675	0.681008	1.88989	1.88989
cg04498511	ZC3H11A	0.131764	0.256961	0.56322	-1.77551	0.560818	0.751738	-1.33025	0.991316	1.00529	1.00529
cg04234070	GEM;GEM	0.131766	0.241993	0.598634	-1.67047	0.731579	0.865651	-1.1552	0.22895	0.589193	-1.69724
cg20595300	UHRF2;UHRF2	0.131766	0.034408	0.709326	-1.40979	0.272547	1.1723	1.1723	0.207886	1.20302	1.20302
cg07780377	GAB2;GAB2	0.131768	0.0509957	0.40413	-2.47445	0.345638	0.673081	-1.48571	0.207158	0.581461	-1.71981
cg25577598	ZNF408;ARHGAP1	0.131769	0.012415	0.287248	-3.48131	0.862339	1.07205	1.07205	0.254209	1.61168	1.61168
cg06760571	SF3B1;SF3B1	0.13177	0.573285	0.856023	-1.16819	0.725305	1.10116	1.10116	0.52661	1.19155	1.19155
cg17655346	CACNA2D3	0.13177	0.0819063	0.326283	-3.06483	0.101782	0.353227	-2.83104	0.219246	0.472076	-2.1183
cg04810656	ESYT3	0.131771	0.472016	1.15764	1.15764	0.512445	1.14217	1.14217	0.266209	0.793094	-1.26089
cg15364784	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.131776	0.11822	1.36602	1.36602	0.0849293	1.4195	1.4195	0.0163148	1.71597	1.71597
cg22793142	LOC148696	0.131778	0.284366	2.3592	2.3592	0.0131684	10.7222	10.7222	0.0131234	10.7405	10.7405
cg25418001	GNAI1	0.13178	0.0367085	0.33518	-2.98347	0.41305	0.685987	-1.45775	0.481387	0.724469	-1.38032
cg03512208	ADAM21	0.131782	0.964872	0.98007	-1.02034	0.753027	1.15522	1.15522	0.791117	1.12901	1.12901
cg16709403	CAP2	0.131782	0.125051	1.78428	1.78428	0.0191373	0.372051	-2.6878	0.896292	0.955541	-1.04653
cg16450103	VAT1	0.131783	0.903276	0.988597	-1.01153	0.275084	1.11306	1.11306	0.502465	0.937814	-1.06631
cg03175513	PSD3;PSD3	0.131788	0.653848	1.10343	1.10343	0.0744086	1.54254	1.54254	0.0389093	1.68425	1.68425
cg01876130	FER1L5	0.131788	0.809855	0.848272	-1.17887	0.0432537	4.88997	4.88997	0.023953	6.28934	6.28934
cg13893707	COL15A1	0.13179	0.485454	1.48025	1.48025	0.710952	0.813859	-1.22871	0.717601	0.817936	-1.22259
cg15686202	FAM124A	0.131793	0.224854	1.22395	1.22395	0.113052	1.31441	1.31441	0.645921	1.07609	1.07609
cg18857892	TFDP1;TFDP1	0.131796	0.330892	0.781751	-1.27918	0.0553017	0.586745	-1.70432	0.0315191	0.538518	-1.85695
cg15642792	FCRLB	0.131797	0.68182	1.08173	1.08173	0.577281	0.898246	-1.11328	0.0776477	1.4532	1.4532
cg03503802	CELSR1	0.131808	0.172329	0.747873	-1.33713	0.374697	0.83341	-1.19989	0.610528	0.902369	-1.10819
cg07242429	C7orf50;C7orf50;C7orf50	0.131808	0.810163	1.10594	1.10594	0.425254	1.40594	1.40594	0.0293358	2.92712	2.92712
cg03479491	TTLL8	0.131811	0.228766	1.26402	1.26402	0.101708	0.71724	-1.39423	0.0111743	0.554407	-1.80373
cg16165651	RASGRP3;RASGRP3;RASGRP3	0.131817	0.184305	0.310127	-3.22449	0.238819	0.35857	-2.78886	0.512323	0.575527	-1.73754
cg16539433	PLXNA4	0.131822	0.692821	1.11683	1.11683	0.567246	0.851345	-1.17461	0.812264	0.935928	-1.06846
cg00734682	TRPV1;SHPK	0.131823	0.0759588	0.728954	-1.37183	0.938672	1.01239	1.01239	0.437472	0.880915	-1.13518
cg22316575	ADA	0.131828	0.710092	0.842834	-1.18647	0.00793256	0.210358	-4.7538	0.0693709	0.394455	-2.53515
cg23665080	NLRP4	0.131832	0.190708	0.237963	-4.20233	0.188062	0.235685	-4.24296	0.0488214	0.0971841	-10.2897
cg19764594	LOC285370	0.131833	0.505073	0.529183	-1.88971	0.00313705	0.0223705	-44.7018	0.269434	0.338848	-2.95117
cg00515669	LYPD5;LYPD5	0.131836	0.254573	0.426383	-2.34531	0.77995	1.22225	1.22225	0.145016	0.325791	-3.06945
cg19777824	C11orf75	0.131836	0.59764	0.834443	-1.1984	0.234371	0.654693	-1.52743	0.109559	0.552765	-1.80909
cg06133061	DSCAML1	0.131837	0.149703	0.462025	-2.16438	0.0171708	0.234154	-4.27069	0.0876101	0.389602	-2.56672

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)
cg01910125	0.610011	0.820192	-1.21923	0.0196706	0.337636	-2.96177	0.0755017	0.466532	-2.14348
cg27125093	0.159195	0.378669	-2.64083	0.0128618	0.136186	-7.34287	0.322238	0.516851	-1.93479
cg07763473	0.885161	1.04481	1.04481	0.0261079	0.449055	-2.2269	0.00728546	0.350048	-2.85675
cg13533616	0.164042	0.466263	-2.14471	0.384227	0.632275	-1.58159	0.131785	0.433491	-2.30685
cg05264501	0.722045	0.924729	-1.0814	0.0629825	1.5813	1.5813	0.308775	1.25958	1.25958
cg01498098	0.115413	0.68757	-1.4544	0.169906	0.726178	-1.37707	0.395413	0.826553	-1.20984
cg22135109	?	?	?	?	?	?	?	?	?
cg21004924	0.222937	0.233567	-4.28143	0.0597358	0.0895824	-11.1629	0.086838	0.116773	-8.5636
cg19599472	0.462062	0.677299	-1.47645	0.0288254	0.261437	-3.82501	0.563255	0.737761	-1.35545
cg18720736	0.47922	0.718485	-1.39182	0.0212554	0.280088	-3.5703	0.889289	1.06611	1.06611
cg12565580	0.853315	1.06719	1.06719	0.246612	0.65332	-1.53064	0.0985407	0.529137	-1.88987
cg08318899	0.0123274	0.190187	-5.25798	0.576917	0.740685	-1.3501	0.931074	1.04715	1.04715
cg14078518	0.01052	0.504662	-1.98152	0.363603	1.21939	1.21939	0.806929	0.949313	-1.05339
cg16584475	0.324689	1.28346	1.28346	0.724993	1.09053	1.09053	0.0326428	1.84682	1.84682
cg13800496	0.995533	0.997498	-1.00251	0.0190779	0.280921	-3.55972	0.306874	0.622889	-1.60542
cg13935167	0.808634	0.909773	-1.09917	0.495493	0.763594	-1.3096	0.0433933	0.404407	-2.47276
cg14267645	0.410241	0.779306	-1.28319	0.137445	0.622703	-1.6059	0.0751383	0.556116	-1.79819
cg16724124	0.842463	1.10741	1.10741	0.0458011	3.23443	3.23443	0.182665	2.06485	2.06485
cg05364179	0.311464	1.45369	1.45369	0.192181	0.610678	-1.63752	0.434413	0.752058	-1.32968
cg07053964	0.164862	1.4014	1.4014	0.447644	1.19276	1.19276	0.432635	1.20009	1.20009
cg09179046	0.732471	0.926972	-1.07878	0.177204	0.728357	-1.37295	0.174393	1.37615	1.37615
cg18748617	0.533477	1.45956	1.45956	0.251142	0.487298	-2.05213	0.706462	0.797047	-1.25463
cg19097259	0.307145	1.57087	1.57087	0.382303	0.681974	-1.46633	0.0834242	0.441038	-2.26738
cg02980152	0.348994	1.21889	1.21889	0.150937	0.729056	-1.37164	0.0348086	0.603462	-1.6571
cg10823157	0.197102	1.35505	1.35505	0.167694	1.38772	1.38772	0.0778194	1.54756	1.54756
cg15747848	0.364672	0.863099	-1.15862	0.175487	1.25571	1.25571	0.352224	1.16336	1.16336
cg08477687	0.757521	0.8538	-1.17123	0.794405	0.875211	-1.14258	0.832204	0.897368	-1.11437
cg04839259	0.085511	12.8916	12.8916	0.551469	0.444675	-2.24883	0.461685	2.73973	2.73973
cg23119039	0.217903	0.724968	-1.37937	0.963507	0.988711	-1.01142	0.682158	1.10758	1.10758
cg15821554	0.182574	2.1855	2.1855	0.170565	0.446355	-2.24037	0.86705	0.91155	-1.09703
cg22252469	0.0253285	0.458129	-2.18279	0.0398237	2.00917	2.00917	0.929766	0.974449	-1.02622
cg20730629	0.750283	0.880834	-1.13529	0.298112	0.65002	-1.53841	0.0303342	0.354354	-2.82204
cg14716172	0.486758	0.62953	-1.58849	0.577844	0.691979	-1.44513	0.0923353	0.297223	-3.36448
cg06108254	0.706666	0.839444	-1.19126	0.0161868	0.25622	-3.9029	0.412505	0.678505	-1.47383
cg12302621	0.729471	0.834756	-1.19795	0.0934713	0.382966	-2.6112	0.314249	0.581909	-1.71848
cg21543987	0.0827986	1.30111	1.30111	0.265931	0.853131	-1.17215	0.170996	1.22109	1.22109
cg25974355	0.479068	1.30218	1.30218	0.483566	0.770085	-1.29856	0.989358	0.995118	-1.00491
cg00553200	0.362471	0.69106	-1.44705	0.241967	0.616623	-1.62174	0.143065	0.537212	-1.86146
cg07410811	0.438413	1.12893	1.12893	0.876617	1.02413	1.02413	0.555246	1.09587	1.09587
cg26030713	0.410477	0.514091	-1.94518	0.219232	0.360101	-2.777	0.348171	0.466009	-2.14588
cg16738453	0.870872	0.882012	-1.13377	0.254971	0.399616	-2.5024	0.354501	0.479443	-2.08575
cg18634516	0.0900321	0.284418	-3.51595	0.117451	0.318472	-3.13999	0.0868307	0.280101	-3.57014
cg00774005	0.103551	3.03399	3.03399	0.0427732	4.27944	4.27944	0.25241	0.474584	-2.10711
cg11278799	0.0361451	1.62877	1.62877	0.71665	1.0757	1.0757	0.844526	1.04009	1.04009
cg23710611	0.228949	0.570843	-1.75179	0.0658472	0.399912	-2.50055	0.1353	0.489258	-2.04391
cg09062323	0.107245	0.715196	-1.39822	0.0618017	0.669629	-1.49337	0.395419	0.847098	-1.1805
cg23257569	0.113568	3.00007	3.00007	0.386476	0.567528	-1.76203	0.79707	1.17871	1.17871
cg20905902	0.170667	0.805607	-1.2413	0.252998	0.837874	-1.1935	0.232196	0.830579	-1.20398
cg05889186	0.658444	1.20288	1.20288	0.0201455	0.312323	-3.20182	0.0718918	0.434204	-2.30306
cg04879577	0.821753	1.04385	1.04385	0.723631	0.934705	-1.06986	0.986148	1.00331	1.00331
cg23034356	0.330003	0.74665	-1.33932	0.0137111	0.41238	-2.42495	0.191294	0.668905	-1.49498
cg01294270	0.850502	1.07711	1.07711	0.624357	1.21446	1.21446	0.700526	0.858864	-1.16433
cg15934004	0.525867	0.701348	-1.42582	0.0640579	0.317084	-3.15374	0.903622	1.06914	1.06914
cg08711858	0.438732	0.67886	-1.47306	0.462872	0.693166	-1.44266	0.802316	0.884243	-1.13091
cg23344412	0.0231198	0.556174	-1.798	0.03599	0.590423	-1.6937	0.431317	0.840723	-1.18945
cg02356872	0.036828	1.43303	1.43303	0.664473	0.937303	-1.06689	0.631474	0.93081	-1.07433
cg01412469	0.769965	0.902461	-1.10808	0.0473747	0.452031	-2.21224	0.69395	0.870732	-1.14846
cg14657749	0.318999	1.17788	1.17788	0.481636	0.892528	-1.12041	0.502773	1.11417	1.11417
cg13153661	0.133124	1.56264	1.56264	0.828243	0.941898	-1.06169	0.0241057	2.09805	2.09805
cg08844390	0.386032	1.2099	1.2099	0.307325	1.25432	1.25432	0.00710472	0.474413	-2.10787
cg19637750	0.133164	0.428546	-2.33347	0.286182	0.560283	-1.78481	0.90388	0.938767	-1.06523
cg11185039	0.927061	1.01592	1.01592	0.0633658	1.4336	1.4336	0.427198	1.15011	1.15011
cg20521104	0.149467	0.65509	-1.52651	0.0061815	0.376338	-2.65719	0.584647	1.16307	1.16307
cg02988255	0.305285	1.27572	1.27572	0.381292	1.22875	1.22875	0.188573	1.37653	1.37653
cg01710432	0.547881	1.10944	1.10944	0.0412417	1.495	1.495	0.600145	0.91363	-1.09453
cg04527876	0.0822296	0.551162	-1.81435	0.509157	0.812847	-1.23024	0.00702439	0.340137	-2.93999
cg05502103	0.266093	0.508219	-1.96766	0.0268278	0.216132	-4.62679	0.10301	0.352824	-2.83427
cg23990949	0.53664	1.19326	1.19326	0.640476	1.14205	1.14205	0.468003	1.23186	1.23186
cg03396447	0.126273	2.13986	2.13986	0.680407	0.826561	-1.20983	0.0882282	2.37533	2.37533
cg08139238	0.346202	0.520481	-1.9213	0.0789661	0.268994	-3.71755	0.774683	0.824319	-1.21312
cg03446399	0.439127	1.34604	1.34604	0.29418	0.663816	-1.50644	0.167591	0.574679	-1.7401
cg14571622	0.517676	0.504382	-1.98262	0.0997688	0.152244	-6.56841	0.937351	0.921244	-1.08549
cg21610368	0.550657	0.897695	-1.11396	0.0474948	0.666832	-1.49963	0.739942	0.942195	-1.06135
cg22837767	0.101099	2.19837	2.19837	0.220383	1.75997	1.75997	0.0824046	2.3259	2.3259
cg17003293	0.302059	1.69972	1.69972	0.0393967	0.306553	-3.26208	?	?	?
cg06460883	0.0778169	0.538707	-1.8563	0.0340486	0.458021	-2.1833	0.317567	0.721737	-1.38555
cg27448433	0.880472	0.893924	-1.11866	0.0370245	6.07821	6.07821	0.784057	1.22717	1.22717
cg10016348	0.177513	0.700062	-1.42844	0.0526009	0.577931	-1.73031	0.322199	1.28976	1.28976
cg18886071	0.0311077	0.168613	-5.93076	0.028389	0.161972	-6.17391	0.241842	0.422358	-2.36766
cg03436478	0.855251	0.970527	-1.03037	0.124012	1.31376	1.31376	0.243661	1.22122	1.22122
cg12684668	0.506181	0.807568	-1.23829	0.174493	0.632758	-1.58038	0.0678945	1.91159	1.91159
cg08715720	0.789919	1.11788	1.11788	0.0164173	0.294098	-3.40023	0.233155	0.593507	-1.6849
cg23729443	0.1597	0.539115	-1.85489	0.0358226	0.366313	-2.7299	0.0700108	0.434738	-2.30024
cg23833617	0.284031	0.773406	-1.29298	0.39565	0.818044	-1.22243	0.958217	0.987977	-1.01217
cg02231404	0.104609	14.3008	14.3008	0.656347	1.95744	1.95744	0.0799368	18.4294	18.4294
cg01150943	0.853732	0.925782	-1.08017	0.0782174	0.441497	-2.26502	0.701537	0.85137	-1.17458
cg00288463	0.00863822	0.401573	-2.49021	0.168188	0.670196	-1.4921	0.968678	0.989357	-1.01076
cg08306084	0.0604331	0.455952	-2.19321	0.18711	0.59533	-1.67974	0.0776624	0.483167	-2.06968
cg05374654	0.244349	1.24027	1.24027	0.715307	1.06691	1.06691	0.974212	0.994301	-1.00573
cg22005853	0.579631	1.70485	1.70485	?	?	?	0.693883	0.686267	-1.45716
cg21700774	0.0411053	1.77027	1.77027	0.799943	1.06347	1.06347	0.306894	1.2922	1.2922
cg12647496	0.867831	1.0668	1.0668	0.746306	1.13432	1.13432	0.865969	0.936517	-1.06779
cg26855219	0.619098	0.85258	-1.17291	0.0222949	0.41828	-2.39074	0.647222	1.15793	1.15793
cg06817737	0.395235	1.32667	1.32667	0.0219265	0.409604	-2.44138	0.52611	0.811763	-1.23189
cg11202422	0.11538	3.17396	3.17396	0.434336	1.71302	1.71302	0.0910273	3.51162	3.51162
cg17203063	0.744395	0.682977	-1.46418	0.87901	0.837331	-1.19427	0.764935	0.705051	-1.41834
cg16252637	0.831391	1.09728	1.09728	0.11629	0.475644	-2.10241	0.410691	1.44236	1.44236
cg13645282	0.15707	0.682512	-1.46518	0.206305	0.714285	-1.4	0.173212	1.44168	1.44168
cg15534020	0.716402	1.19853	1.19853	0.963489	1.02298	1.02298	0.940947	1.03746	1.03746
cg18226096	0.574838	0.814698	-1.22745	0.0432194	0.431313	-2.3185	0.297369	0.676615	-1.47795
cg25721451	0.981924	1.00959	1.00959	0.256522	0.607327	-1.64656	0.141647	0.51405	-1.94534
cg06845634	0.564706	1.0772	1.0772	0.29531	0.870545	-1.14871	0.505368	1.09017	1.09017
cg17417856	0.372709	0.788626	-1.26803	0.0050935	0.382665	-2.61325	0.176284	0.688632	-1.45216
cg24498031	0.39363	0.260389	-3.84041	0.0502636	0.0321695	-31.0854	0.297974	5.26661	5.26661
cg04498511	0.029632	3.46398	3.46398	0.23383	0.54573	-1.83241	0.554671	1.33637	1.33637
cg04234070	0.133714	1.96935	1.96935	0.0209074	0.312069	-3.20441	0.157343	1.88436	1.88436
cg20595300	0.463681	0.901385	-1.1094	0.199588	1.20761	1.20761	0.955847	1.00774	1.00774
cg07780377	0.123675	0.506794	-1.97319	0.843054	0.92238	-1.08415	0.099701	0.479312	-2.08632
cg25577598	0.877292	0.93994	-1.0639	0.270759	0.631501	-1.58353	0.591214	1.24277	1.24277
cg06760571	0.914074	0.970947	-1.02992	0.677211	0.891944	-1.12115	0.64875	1.13345	1.13345
cg17655346	0.21464	0.468152	-2.13606	0.0118509	0.161167	-6.20475	0.0932074	0.342024	-2.92377
cg04810656	0.231786	0.778059	-1.28525	0.0807511	0.678738	-1.47332	0.0343356	0.6102	-1.63881
cg15364784	0.42144	1.16301	1.16301	0.61952	1.09641	1.09641	0.115767	1.36938	1.36938
cg22793142	0.473707	1.75485	1.75485	0.348229	2.10722	2.10722	0.205049	2.80666	2.80666
cg25418001	0.32733	0.634192	-1.57681	0.0608669	0.386122	-2.58986	0.596747	0.786249	-1.27186
cg03512208	0.104298	0.444094	-2.25178	0.0235865	0.290612	-3.44101	0.0559023	0.371577	-2.69123
cg16709403	0.85207	1.06726	1.06726	0.612011	1.19527	1.19527	0.360978	1.38747	1.38747
cg16450103	0.965849	0.995969	-1.00405	0.050403	1.23414	1.23414	0.601226	0.951472	-1.051
cg03175513	0.582623	1.12865	1.12865	0.565034	0.880883	-1.13522	0.347503	1.23481	1.23481
cg01876130	0.443722	1.70414	1.70414	0.926034	0.93858	-1.06544	0.187919	2.5923	2.5923
cg13893707	0.966198	1.02373	1.02373	0.00351351	0.111869	-8.939	0.361616	0.595177	-1.68017
cg15686202	0.318089	0.849099	-1.17772	0.420906	1.13921	1.13921	0.0781604	1.36373	1.36373
cg18857892	0.914077	0.97386	-1.02684	0.709761	1.09609	1.09609	0.284838	0.761364	-1.31343
cg15642792	0.10418	1.40294	1.40294	0.997516	0.999407	-1.00059	0.140333	0.739091	-1.35301
cg03503802	0.792348	0.948599	-1.05419	0.062805	0.657915	-1.51995	0.079092	0.677106	-1.47687
cg07242429	0.870262	1.07079	1.07079	0.0333521	0.353268	-2.83071	0.791276	0.894951	-1.11738
cg03479491	0.398845	0.851953	-1.17377	0.122604	0.7332	-1.36388	0.16329	0.758806	-1.31786
cg16165651	0.339915	0.441448	-2.26527	0.0485673	0.153639	-6.50878	0.180628	0.306707	-3.26044
cg16539433	0.50032	0.826632	-1.20973	0.0889532	1.68557	1.68557	0.749088	0.914565	-1.09342
cg00734682	0.101876	0.750779	-1.33195	0.92902	1.01436	1.01436	0.60756	0.920422	-1.08646
cg22316575	0.912826	0.95109	-1.05142	0.262754	0.585863	-1.70688	0.585942	1.28643	1.28643
cg23665080	0.148941	0.201141	-4.97163	0.0118101	0.0384811	-25.9868	0.0825337	0.136361	-7.33347
cg19764594	0.72542	1.3935	1.3935	0.604866	0.611915	-1.63421	0.420154	0.460693	-2.17064
cg00515669	0.4974	0.610387	-1.63831	0.0470539	0.196212	-5.09653	0.219779	0.396692	-2.52085
cg19777824	0.185047	1.61225	1.61225	0.0487894	0.465493	-2.14826	0.310528	0.700079	-1.42841
cg06133061	0.752057	1.17169	1.17169	0.0999722	0.406119	-2.46234	0.205494	0.512872	-1.9498

Probeset ID	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01910125	0.129164	0.531633	-1.881	0.702875	0.862712	-1.15914	0.0797094	0.472665	-2.11566	2.26674	5.33026	2.09023	1
cg27125093	0.147362	2.72781	2.72781	0.917375	1.06927	1.06927	0.104009	0.317498	-3.14962	2.26673	14.9558	5.86486	1
cg07763473	0.451411	0.792383	-1.26202	0.524199	0.822213	-1.21623	0.727407	0.899301	-1.11198	2.26671	3.30236	1.29502	1
cg13533616	0.207775	0.505353	-1.97881	0.123856	0.424728	-2.35445	0.943255	1.03725	1.03725	2.26668	9.47814	3.71689	1
cg05264501	0.0406707	1.67828	1.67828	0.0864737	1.51421	1.51421	0.663716	0.908606	-1.10059	2.26668	1.72311	0.675725	1
cg01498098	0.00951588	2.05214	2.05214	0.961878	1.01052	1.01052	0.559694	0.878891	-1.1378	2.26668	1.71961	0.674353	1
cg22135109	0.0412831	0.116112	-8.61234	?	?	?	?	?	?	3.44579	9.44554	3.65491	1
cg21004924	0.0424435	0.0703954	-14.2055	0.0612348	0.0911637	-10.9693	0.0828337	0.112915	-8.85622	2.26664	46.2926	18.1541	1
cg19599472	0.0165328	0.217857	-4.59016	0.307018	1.73388	1.73388	0.42006	0.651328	-1.53532	2.26664	9.72343	3.81316	1
cg18720736	0.388846	0.666378	-1.50065	0.283969	0.599534	-1.66796	0.0282938	3.28749	3.28749	2.2666	7.5834	2.97398	1
cg12565580	0.111376	0.543736	-1.83913	0.677985	0.863549	-1.15801	0.590633	0.826302	-1.21021	2.26657	4.43137	1.73787	1
cg08318899	0.806497	1.13963	1.13963	0.7286	0.830667	-1.20385	0.052054	0.308176	-3.2449	2.26657	10.1828	3.99342	1
cg14078518	0.445586	1.17961	1.17961	0.651493	0.907922	-1.10142	0.653014	1.10091	1.10091	2.26656	1.62006	0.635349	1
cg16584475	0.00754776	2.32438	2.32438	0.269549	1.32595	1.32595	0.197489	1.39692	1.39692	2.26652	2.16128	0.847616	1
cg13800496	0.165519	0.51587	-1.93847	0.729777	1.16786	1.16786	0.247071	0.581803	-1.71879	2.26649	7.18877	2.81935	1
cg13935167	0.045917	0.409978	-2.43916	0.496156	1.30904	1.30904	0.247484	1.60195	1.60195	2.26648	5.45183	2.13815	1
cg14267645	0.175249	0.652564	-1.53242	0.357812	0.75578	-1.32314	0.12878	0.615038	-1.62592	2.26647	3.14722	1.23431	1
cg16724124	0.0328363	3.59642	3.59642	0.101349	2.50862	2.50862	0.0342246	3.54917	3.54917	2.26647	9.4358	3.70064	1
cg05364179	0.978989	1.00945	1.00945	0.0170072	2.82828	2.82828	0.566332	1.2301	1.2301	2.26646	4.58154	1.79684	1
cg07053964	0.0422373	1.70392	1.70392	0.893341	0.969908	-1.03103	0.746021	1.07683	1.07683	2.26646	1.86216	0.730328	1
cg09179046	0.0183829	0.531414	-1.88177	0.420586	0.833731	-1.19943	0.803206	1.05673	1.05673	2.26645	1.75314	0.687573	1
cg18748617	0.0632805	0.285845	-3.4984	0.131991	2.65051	2.65051	0.846206	0.890095	-1.12348	2.26644	12.9035	5.06068	1
cg19097259	0.311813	1.5636	1.5636	0.0765717	2.31991	2.31991	0.0503291	2.59368	2.59368	2.26643	6.55081	2.56922	1
cg02980152	0.147383	0.726747	-1.37599	0.918854	1.02114	1.02114	0.44773	0.853118	-1.17217	2.26643	1.51298	0.593388	1
cg10823157	0.267107	0.772894	-1.29384	0.635049	0.898941	-1.11242	0.490339	1.16897	1.16897	2.26642	1.78216	0.698963	1
cg15747848	0.0116735	0.607672	-1.64563	0.69285	0.93918	-1.06476	0.740291	1.05398	1.05398	2.26641	0.896713	0.351693	1
cg08477687	0.172451	2.09835	2.09835	0.128618	2.3123	2.3123	0.0282312	0.266527	-3.75196	2.26639	9.3502	3.6672	1
cg04839259	0.0216223	40.8428	40.8428	0.950902	0.920515	-1.08635	0.0433222	22.7808	22.7808	2.26637	64.9351	25.468	1
cg23119039	0.0275728	1.90892	1.90892	0.214332	0.722961	-1.3832	0.568061	0.866591	-1.15395	2.26637	2.21016	0.866842	1
cg15821554	0.0690801	0.324875	-3.07811	0.780785	1.16673	1.16673	0.0960094	0.364073	-2.7467	2.26637	10.9661	4.30099	1
cg22252469	0.560388	1.18871	1.18871	0.190903	1.50173	1.50173	0.718236	1.11225	1.11225	2.26636	3.09421	1.21358	1
cg20730629	0.688914	0.852177	-1.17347	0.422013	0.721208	-1.38656	0.416702	0.71837	-1.39204	2.3919	5.85026	1.90234	1
cg14716172	0.0734943	0.270667	-3.69458	0.165632	0.379702	-2.63365	0.857408	0.888885	-1.125	2.26634	15.3952	6.03819	1
cg06108254	0.173481	0.511498	-1.95504	0.187305	1.90971	1.90971	0.155362	0.494687	-2.02148	2.26634	7.6918	3.01683	1
cg12302621	0.141532	0.439358	-2.27605	0.190304	0.485978	-2.05771	0.606637	0.763227	-1.31023	2.26633	9.71512	3.81042	1
cg21543987	0.0236208	0.690521	-1.44818	0.983068	0.997096	-1.00291	0.578941	1.07984	1.07984	2.26631	0.673924	0.264325	1
cg25974355	0.0104462	0.306391	-3.26381	0.194449	0.604305	-1.65479	0.921563	1.0368	1.0368	2.26631	4.83279	1.89551	1
cg00553200	0.559154	0.792001	-1.26263	0.255292	1.5982	1.5982	0.430037	1.37439	1.37439	2.2663	5.59439	2.19424	1
cg07410811	0.0170643	0.64007	-1.56233	0.22835	1.21408	1.21408	0.886307	1.02219	1.02219	2.26628	0.844965	0.331415	1
cg26030713	0.656893	0.702283	-1.42393	0.371785	0.484366	-2.06455	0.0371273	6.77365	6.77365	2.26627	22.4301	8.79763	1
cg16738453	0.196871	0.3489	-2.86615	0.198049	0.349975	-2.85735	0.991784	1.00798	1.00798	2.26626	21.3778	8.38493	1
cg18634516	0.074091	0.262003	-3.81675	0.00987586	0.111478	-8.97036	0.683157	0.758701	-1.31804	2.26626	16.2527	6.37475	1
cg00774005	0.0779936	0.294965	-3.39023	0.331929	1.86644	1.86644	0.546339	1.46316	1.46316	2.26623	13.9496	5.4715	1
cg11278799	0.0562459	0.648672	-1.54161	0.202921	0.764069	-1.30878	0.759729	0.940435	-1.06334	2.26621	1.43857	0.564258	1
cg23710611	0.0469459	0.364268	-2.74523	0.381357	0.671193	-1.48988	0.141446	0.495516	-2.0181	2.2662	7.07724	2.77596	1
cg09062323	0.110319	0.717642	-1.39345	0.702444	1.07593	1.07593	0.393137	1.1815	1.1815	2.26619	1.30466	0.511741	1
cg23257569	0.602035	0.714825	-1.39894	0.0126713	7.22201	7.22201	0.890344	1.09201	1.09201	2.26618	14.6131	5.73186	1
cg20905902	0.190381	0.814277	-1.22808	0.0153217	1.55428	1.55428	0.866759	0.975428	-1.02519	2.26617	0.787835	0.309022	1
cg05889186	0.132624	0.509794	-1.96158	0.24166	0.601185	-1.66338	0.272161	1.60734	1.60734	2.26614	6.18727	2.42695	1
cg04879577	0.274815	1.24121	1.24121	0.0127319	1.80167	1.80167	0.135602	1.35784	1.35784	2.2661	1.29815	0.509208	1
cg23034356	?	?	?	0.505635	0.821763	-1.2169	0.586438	1.1731	1.1731	2.28654	2.71913	1.18919	1
cg01294270	0.83124	0.919414	-1.08765	0.618521	1.21851	1.21851	0.0434514	0.400824	-2.49486	2.26601	5.56236	2.18195	1
cg15934004	0.215701	0.487166	-2.05269	0.520657	1.4324	1.4324	0.0897044	0.356121	-2.80804	2.26601	10.9319	4.28827	1
cg08711858	0.909296	0.945641	-1.05748	0.745073	0.852141	-1.17352	0.76084	0.860948	-1.16151	2.26601	8.63196	3.38607	1
cg23344412	0.666809	0.910682	-1.09808	0.831607	0.955045	-1.04707	0.0844481	0.662141	-1.51025	2.266	1.67453	0.656871	1
cg02356872	0.0419071	0.706188	-1.41605	0.160937	1.24878	1.24878	0.679819	0.940285	-1.06351	2.26597	0.789975	0.309889	1
cg01412469	0.0400666	0.435863	-2.2943	0.386883	0.733123	-1.36403	0.622041	0.84037	-1.18995	2.26596	4.39639	1.72461	1
cg14657749	0.135747	0.774471	-1.2912	0.197853	1.24155	1.24155	0.563338	0.911307	-1.09733	2.26596	0.906876	0.355749	1
cg13153661	0.33763	1.31302	1.31302	0.279756	1.36283	1.36283	0.658138	1.13053	1.13053	2.26594	2.72377	1.06848	1
cg08844390	0.570688	1.13074	1.13074	0.230923	1.30926	1.30926	0.372931	0.821906	-1.21668	2.26593	1.64994	0.647246	1
cg19637750	0.629186	1.2898	1.2898	0.841312	1.11054	1.11054	0.177398	0.472473	-2.11652	2.26592	9.81733	3.85121	1
cg11185039	0.519022	0.893349	-1.11938	0.449508	0.875513	-1.14219	0.0147909	1.67768	1.67768	2.26591	1.06807	0.418989	1
cg20521104	0.748842	0.915841	-1.09189	0.589881	1.16059	1.16059	0.195314	0.68739	-1.45478	2.26591	2.68792	1.05444	1
cg02988255	0.00355065	2.47537	2.47537	0.846605	0.956544	-1.04543	0.706061	1.09081	1.09081	2.26588	1.88842	0.740813	1
cg01710432	0.0329959	1.53085	1.53085	0.507564	0.891536	-1.12166	0.89287	0.977251	-1.02328	2.26588	1.04665	0.410594	1
cg04527876	0.419563	0.774772	-1.2907	0.517078	0.816079	-1.22537	0.0435603	0.487695	-2.05046	2.26585	3.43578	1.34785	1
cg05502103	0.0350451	0.238244	-4.19738	0.503616	1.48651	1.48651	0.0954544	0.343058	-2.91496	2.26585	12.2428	4.80285	1
cg23990949	?	?	?	0.0135071	0.421737	-2.37115	0.1949	0.678968	-1.47282	2.28624	2.56655	1.12261	1
cg03396447	0.302133	1.63497	1.63497	0.00871945	4.65047	4.65047	0.191204	1.88972	1.88972	2.26578	7.58976	2.97754	1
cg08139238	0.0221376	0.157765	-6.33852	0.635742	0.725288	-1.37876	0.162169	0.366177	-2.73092	2.26578	16.2604	6.37915	1
cg03446399	0.123682	0.533688	-1.87376	0.125734	1.86635	1.86635	0.0698789	0.466106	-2.14544	2.26577	5.08937	1.99662	1
cg14571622	0.0222344	0.0572819	-17.4575	0.835661	0.805122	-1.24205	0.0717665	0.122729	-8.14806	2.26576	39.0746	15.3295	1
cg21610368	0.202383	0.786173	-1.27198	0.0138119	0.580454	-1.72279	0.331653	0.83608	-1.19606	2.26574	1.14653	0.449801	1
cg22837767	0.290569	0.618036	-1.61803	0.0139242	3.79173	3.79173	0.101904	2.19355	2.19355	2.26571	6.90714	2.70982	1
cg17003293	0.10736	2.39157	2.39157	?	?	?	0.922043	0.952595	-1.04976	2.31128	7.00848	3.46547	1
cg06460883	0.0364309	0.464148	-2.15449	0.308606	0.717049	-1.39461	0.159477	0.622182	-1.60725	2.26561	3.57482	1.40254	1
cg27448433	0.582164	0.660917	-1.51305	0.863735	0.879844	-1.13657	0.0267426	7.07063	7.07063	2.26557	19.9271	7.81833	1
cg10016348	0.242989	0.737855	-1.35528	0.0635557	0.595088	-1.68042	0.0927693	0.631139	-1.58444	2.26549	2.22146	0.871611	1
cg18886071	0.667706	0.737965	-1.35508	0.0294801	0.16468	-6.0724	0.0926733	0.272041	-3.67592	2.26549	17.7612	6.96881	1
cg03436478	0.0460629	1.45428	1.45428	0.345501	0.852852	-1.17254	0.791722	0.957568	-1.04431	2.26548	0.96301	0.377848	1
cg12684668	0.227062	1.49456	1.49456	0.469533	0.79204	-1.26256	0.0280515	0.43948	-2.27541	2.26547	3.60227	1.4134	1
cg08715720	0.710853	0.856075	-1.16812	0.392363	1.44151	1.44151	0.0906336	0.459321	-2.17713	2.26541	6.24871	2.45183	1
cg23729443	0.107168	0.485227	-2.06089	0.0920959	0.466515	-2.14355	0.249353	0.609525	-1.64062	2.26539	6.06679	2.38048	1
cg23833617	0.0634511	1.61905	1.61905	0.0289643	1.81202	1.81202	0.609453	0.887849	-1.12632	2.26537	1.91243	0.750403	1
cg02231404	0.508692	2.73317	2.73317	0.0364811	38.3087	38.3087	0.0561805	25.6213	25.6213	2.26535	80.6957	31.6638	1
cg01150943	0.344479	0.665715	-1.50214	0.914328	0.956028	-1.04599	0.983349	0.991318	-1.00876	2.26535	6.26461	2.45814	1
cg00288463	0.147129	1.52797	1.52797	0.823635	0.940986	-1.06271	0.805113	1.06969	1.06969	2.26534	2.6641	1.04536	1
cg08306084	0.0184478	0.34636	-2.88717	0.14122	0.556049	-1.7984	0.193945	0.600623	-1.66494	2.26533	4.93619	1.9369	1
cg05374654	0.0080649	0.548832	-1.82205	0.957157	0.990547	-1.00954	0.563663	1.10872	1.10872	2.26531	1.12144	0.440044	1
cg22005853	0.0569368	8.5258	8.5258	0.0366499	11.4764	11.4764	0.0380543	11.1855	11.1855	2.60736	27.6075	9.07568	1
cg21700774	0.154129	1.44733	1.44733	0.532888	1.1654	1.1654	0.498645	1.18112	1.18112	2.26526	2.10706	0.826809	1
cg12647496	0.978399	1.01057	1.01057	0.00303961	0.206674	-4.83854	0.459968	0.746698	-1.33923	2.26525	5.40836	2.12225	1
cg26855219	0.40387	0.761987	-1.31236	0.547737	0.823994	-1.2136	0.498554	1.24439	1.24439	2.26525	3.63341	1.42576	1
cg06817737	0.399751	0.755894	-1.32294	0.122522	1.72164	1.72164	0.0887858	0.54366	-1.83938	2.26524	3.78123	1.48377	1
cg11202422	0.0235055	6.20646	6.20646	0.0435204	4.7887	4.7887	0.0422966	4.84629	4.84629	2.26522	16.3339	6.40955	1
cg17203063	0.101833	0.124032	-8.06244	0.00710644	57.5659	57.5659	0.626877	1.76996	1.76996	2.26522	48.7314	19.1226	1
cg16252637	0.035258	0.343823	-2.90847	0.493544	0.738794	-1.35356	0.205823	1.78795	1.78795	2.26521	6.80074	2.66868	1
cg13645282	0.0970153	0.631437	-1.58369	0.0232066	0.504114	-1.98368	0.473475	0.831914	-1.20205	2.2652	2.28572	0.896941	1
cg15534020	0.109499	0.420565	-2.37775	0.894372	0.936188	-1.06816	0.725687	0.839575	-1.19108	2.26519	8.83952	3.46874	1
cg18226096	0.198102	0.61149	-1.63535	0.678461	1.1627	1.1627	0.452152	0.758074	-1.31913	2.26517	4.69084	1.84076	1
cg25721451	0.00536926	0.213588	-4.68191	0.325625	0.65222	-1.53322	0.643899	1.21653	1.21653	2.26515	6.3608	2.4961	1
cg06845634	0.018791	1.43857	1.43857	0.661177	0.945219	-1.05796	0.574655	1.07512	1.07512	2.26515	0.585388	0.229718	1
cg17417856	0.110819	0.637114	-1.56958	0.901943	0.968523	-1.0325	0.538132	0.850656	-1.17556	2.26514	2.41547	0.94788	1
cg24498031	0.112474	0.0698904	-14.3081	0.436129	0.294224	-3.39877	0.0723842	21.9214	21.9214	2.26512	85.0682	33.3829	1
cg04498511	0.441846	0.683502	-1.46305	0.0482386	2.99012	2.99012	0.269722	0.572534	-1.74662	2.26512	8.4464	3.31458	1
cg04234070	0.698772	1.17696	1.17696	0.833772	0.915712	-1.09205	0.186346	0.555995	-1.79858	2.2651	6.29795	2.4715	1
cg20595300	0.0739707	1.31943	1.31943	0.910472	1.01578	1.01578	0.12231	1.26249	1.26249	2.26509	0.695076	0.272768	1
cg07780377	0.791176	0.897478	-1.11423	0.0461993	2.53709	2.53709	0.304674	0.648384	-1.5423	2.26508	5.95996	2.33887	1
cg25577598	0.0646298	0.43516	-2.29801	0.352106	1.46795	1.46795	0.946941	0.973673	-1.02704	2.26507	5.76487	2.26232	1
cg06760571	0.00766814	0.392153	-2.55002	0.339211	1.30877	1.30877	0.0991205	1.63862	1.63862	2.26506	2.6768	1.05047	1
cg17655346	0.867478	0.907533	-1.10189	0.0601721	0.291798	-3.42703	0.440945	0.633463	-1.57862	2.26506	12.1087	4.75186	1
cg04810656	0.946285	0.986608	-1.01357	0.572612	1.12084	1.12084	0.0329302	0.60703	-1.64737	2.26505	1.43635	0.563675	1
cg15364784	0.718062	1.06894	1.06894	0.488048	1.1383	1.1383	0.0217092	1.65981	1.65981	2.26502	1.21293	0.476003	1
cg22793142	0.141012	3.39372	3.39372	0.39826	1.94938	1.94938	0.708719	1.33594	1.33594	2.265	21.3682	8.38585	1
cg25418001	0.383958	0.66894	-1.4949	0.0381862	2.95067	2.95067	0.715406	0.847963	-1.1793	2.26499	7.2764	2.85561	1
cg03512208	0.168546	1.95555	1.95555	0.95459	0.974306	-1.02637	0.2066	0.543946	-1.83842	2.26497	7.49552	2.94162	1
cg16709403	0.175367	1.65293	1.65293	0.783957	1.10058	1.10058	0.072898	2.00903	2.00903	2.26497	4.3624	1.71203	1
cg16450103	0.0759537	1.20479	1.20479	0.0551757	1.22761	1.22761	0.0402959	1.25042	1.25042	2.26496	0.319219	0.125278	1
cg03175513	0.0196415	1.84898	1.84898	0.779847	0.940728	-1.06301	0.380831	0.822008	-1.21653	2.26492	1.70551	0.669343	1
cg01876130	0.123018	3.12864	3.12864	0.0317344	5.57729	5.57729	0.53144	1.54147	1.54147	2.26492	16.7161	6.56037	1
cg13893707	0.706634	1.23272	1.23272	0.322719	0.568238	-1.75983	0.303465	0.554458	-1.80356	2.26491	10.983	4.31039	1
cg15686202	0.0137562	1.62059	1.62059	0.622002	0.924249	-1.08196	0.61875	0.923558	-1.08277	2.26488	0.901324	0.353739	1
cg18857892	0.0612671	1.6779	1.6779	0.813847	1.0596	1.0596	0.755223	1.07977	1.07977	2.26486	2.16047	0.847916	1
cg15642792	0.0316017	0.618573	-1.61662	0.387175	1.18404	1.18404	0.731574	1.06783	1.06783	2.26485	1.30292	0.511357	1
cg03503802	0.302727	1.23802	1.23802	0.0447851	1.58517	1.58517	0.82665	1.04484	1.04484	2.26477	1.43475	0.563121	1
cg07242429	0.113933	0.48695	-2.0536	0.516831	1.31655	1.31655	0.608526	1.2413	1.2413	2.26476	6.28011	2.46486	1
cg03479491	0.990148	1.00229	1.00229	0.322622	0.827356	-1.20867	0.678427	0.925575	-1.08041	2.26474	1.23419	0.48441	1
cg16165651	0.0389728	0.137134	-7.29216	0.0125728	0.0757589	-13.1998	0.150265	0.277472	-3.60397	2.26469	24.7904	9.73018	1
cg16539433	0.00519446	2.79143	2.79143	0.938891	1.02157	1.02157	0.938754	1.02162	1.02162	2.26465	2.77801	1.09039	1
cg00734682	0.0360579	1.47743	1.47743	0.287355	0.837911	-1.19344	0.0811855	0.733825	-1.36272	2.26465	0.919132	0.360765	1
cg22316575	0.525929	1.34217	1.34217	0.628714	0.800022	-1.24997	0.135033	0.478184	-2.09125	2.26461	7.52067	2.95197	1
cg23665080	0.74126	1.40962	1.40962	0.32479	0.348695	-2.86783	0.293133	0.323044	-3.09555	2.26458	38.5038	15.1135	1
cg19764594	0.223737	0.300356	-3.32938	0.503749	0.528106	-1.89356	0.810141	1.25418	1.25418	2.26456	31.7572	12.4654	1
cg00515669	0.0143365	0.114933	-8.70069	0.0529778	0.206864	-4.83461	0.194275	0.373812	-2.67514	2.26454	18.415	7.22833	1
cg19777824	?	?	?	0.203555	0.633793	-1.5778	0.159653	1.66631	1.66631	2.28496	3.71433	1.62556	1
cg06133061	0.0517316	0.330622	-3.0246	0.208834	0.515659	-1.93927	0.989195	1.00679	1.00679	2.26453	8.96333	3.51834	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10571168	LMBR1	0.131839	0.950031	1.02623	1.02623	0.0212363	0.318516	-3.13956	0.336183	0.663877	-1.5063	0.710475	1.16653	1.16653	0.580439	0.794029	-1.2594	0.693178	0.848901	-1.17799	0.0233163	3.06418	3.06418	0.492854	1.33337	1.33337	0.629806	0.818214	-1.22217	2.26452	6.12047	2.40246	1
cg18160291	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.131841	0.14504	1.53122	1.53122	0.0560347	1.80257	1.80257	0.431842	1.24409	1.24409	0.861887	1.04855	1.04855	0.859518	1.04941	1.04941	0.503671	0.831311	-1.20292	0.105594	0.617974	-1.61819	0.030859	1.99408	1.99408	0.239531	1.39836	1.39836	2.2645	2.65814	1.04341	1
cg12404181	ASB13;ASB13	0.131846	0.363151	1.4938	1.4938	0.0429459	2.71911	2.71911	0.0563523	2.52909	2.52909	0.344566	0.658325	-1.51901	0.309283	0.636466	-1.57118	0.260463	0.604107	-1.65534	0.452497	0.719893	-1.3891	0.12175	2.05509	2.05509	0.929537	1.03871	1.03871	2.26446	6.61301	2.59586	1
cg03603381	RASGRP1;RASGRP1	0.131848	0.563132	0.784521	-1.27466	0.0112188	3.73988	3.73988	0.293124	1.57264	1.57264	0.378848	1.45472	1.45472	0.254272	0.610055	-1.6392	0.178623	1.80984	1.80984	0.605881	1.24119	1.24119	0.0652459	2.36132	2.36132	0.593376	1.25075	1.25075	2.26445	6.18107	2.42632	1
cg02087454	SRGAP3;SRGAP3	0.131849	0.407523	1.24001	1.24001	0.0297984	1.9141	1.9141	0.664009	1.11737	1.11737	0.0601743	1.71307	1.71307	0.2911	0.757174	-1.3207	0.502754	1.1885	1.1885	0.561061	1.16094	1.16094	0.150196	0.675956	-1.47939	0.104241	1.56983	1.56983	2.26444	2.31212	0.907607	1
cg26722544	RNF130	0.131855	0.617723	0.875872	-1.14172	0.0834321	0.603661	-1.65656	0.0265361	0.500258	-1.99897	0.356631	0.779007	-1.28369	0.054995	0.563743	-1.77386	0.485756	0.829797	-1.20511	0.761936	1.08332	1.08332	0.0302053	0.511042	-1.95678	0.125631	0.646245	-1.5474	2.26439	2.48829	0.976782	1
cg27069753	CELA3B	0.131856	0.571234	0.787857	-1.26927	0.0742132	0.436496	-2.29097	0.164899	0.539375	-1.854	0.111326	0.485425	-2.06005	0.0295576	0.343833	-2.90839	0.120744	0.49599	-2.01617	0.0226216	0.320638	-3.11878	0.0917428	0.461329	-2.16765	0.423875	0.711525	-1.40543	2.26439	6.227	2.44442	1
cg08080985	C9orf95;C9orf95;OSTF1;C9orf95;C9orf95;C9orf95	0.131857	0.894381	1.03417	1.03417	0.351756	1.2743	1.2743	0.923665	1.02454	1.02454	0.421075	1.23109	1.23109	0.25883	0.742308	-1.34715	0.0144271	0.466424	-2.14397	0.0758617	0.606689	-1.64829	0.541051	1.16943	1.16943	0.295049	1.31611	1.31611	2.26437	2.2945	0.900716	1
cg03490923	LOC644669	0.131859	0.0528014	0.417774	-2.39364	0.0307393	0.365608	-2.73517	0.100858	0.490408	-2.03912	0.250343	0.621077	-1.61011	0.0397778	0.389629	-2.56654	0.066582	0.442351	-2.26065	0.283501	0.642863	-1.55554	0.298418	0.652218	-1.53323	0.0808856	0.464173	-2.15437	2.26436	5.63844	2.2134	1
cg03977443	ACSL1	0.131859	0.0567402	0.357238	-2.79925	0.0538794	0.3518	-2.84252	0.299137	0.598307	-1.67138	0.133271	2.16637	2.16637	0.0611653	0.365287	-2.73758	0.181538	0.508154	-1.96791	0.297582	0.597246	-1.67435	0.753897	1.16197	1.16197	0.403649	0.66504	-1.50367	2.26436	8.17068	3.20745	1
cg00014152	WDR13;WDR13;WDR13;WDR13	0.131859	0.917023	1.09442	1.09442	0.81796	1.22092	1.22092	0.180284	0.291755	-3.42753	0.506512	1.7923	1.7923	0.234763	0.3402	-2.93945	0.692021	0.708442	-1.41155	0.010797	0.062518	-15.9954	0.292353	0.388368	-2.57488	0.0379234	0.124472	-8.03394	2.26436	26.8797	10.5518	1
cg11014070	NLK	0.13186	0.147164	1.44035	1.44035	0.128137	0.679908	-1.47079	0.0762612	1.58828	1.58828	0.395196	1.22661	1.22661	0.069716	1.60927	1.60927	0.19365	1.38073	1.38073	0.209951	1.3633	1.3633	0.337684	1.26091	1.26091	0.0477277	1.70068	1.70068	2.26435	1.97308	0.774547	1
cg18561478	WBSCR17	0.131861	0.56238	1.4601	1.4601	0.0319889	5.07227	5.07227	0.162034	2.62428	2.62428	0.886576	1.09662	1.09662	0.352788	0.539088	-1.85498	0.810319	1.16811	1.16811	0.0284043	0.187921	-5.3214	0.710512	0.785897	-1.27243	0.475452	0.625649	-1.59834	2.26434	14.9761	5.87903	1
cg24067788	SKIV2L	0.131865	0.9417	1.02002	1.02002	0.331649	1.31194	1.31194	0.292685	1.34436	1.34436	0.319347	1.32175	1.32175	0.134553	0.64574	-1.54861	0.109112	0.622745	-1.60579	0.144508	1.52941	1.52941	0.0291267	2.00772	2.00772	0.512135	1.19748	1.19748	2.26432	2.63518	1.03448	1
cg17546822	ACO2;PHF5A	0.131868	0.747731	1.04274	1.04274	0.683369	0.948206	-1.05462	0.326361	1.14044	1.14044	0.42333	1.11189	1.11189	0.465571	0.908182	-1.1011	0.0116675	1.50497	1.50497	0.0900884	0.784844	-1.27414	0.574642	1.07631	1.07631	0.185509	1.19971	1.19971	2.26429	0.603176	0.236788	1
cg23944405	MPPED2;MPPED2;MPPED2	0.13187	0.284801	1.38779	1.38779	0.806531	0.930182	-1.07506	0.609651	1.16403	1.16403	0.647612	1.14539	1.14539	0.0328182	2.08854	2.08854	0.0309643	2.111	2.111	0.0211119	2.26596	2.26596	0.274189	1.3988	1.3988	0.16772	1.54299	1.54299	2.26427	3.12009	1.22486	1
cg16886828	KDM4B	0.131871	0.188057	0.686009	-1.45771	0.873333	0.95781	-1.04405	0.0978081	0.612183	-1.6335	0.0213443	0.473605	-2.11146	0.0632148	0.568651	-1.75855	0.91943	1.02771	1.02771	0.0761116	0.586709	-1.70442	0.667545	1.12383	1.12383	0.106506	0.62115	-1.60992	2.26427	2.61764	1.02761	1
cg05064121	TNK2	0.131871	0.0998316	0.691072	-1.44703	0.657393	1.09577	1.09577	0.352098	1.21678	1.21678	0.275957	1.26138	1.26138	0.91462	1.02222	1.02222	0.114956	0.703841	-1.42078	0.0257838	0.581313	-1.72024	0.988864	1.00286	1.00286	0.103499	0.694306	-1.44029	2.26426	1.50552	0.591028	1
cg02819010	ZDHHC8	0.131874	0.120932	0.752164	-1.3295	0.553136	1.10694	1.10694	0.0702041	0.709806	-1.40884	0.948311	1.01104	1.01104	0.116463	0.749114	-1.33491	0.131943	1.317	1.317	0.311617	1.19395	1.19395	0.0765736	0.71635	-1.39597	0.39782	0.863634	-1.1579	2.26424	1.0284	0.403727	1
cg07154254	ELF3;ELF3	0.131875	0.0760883	0.452526	-2.20982	0.207078	0.585972	-1.70657	0.290418	0.643553	-1.55387	0.393605	1.42054	1.42054	0.0952602	0.478875	-2.08823	0.446557	1.3657	1.3657	0.0192594	0.320674	-3.11843	0.184864	0.568413	-1.75929	0.332201	0.669072	-1.49461	2.26424	5.78685	2.27179	1
cg11315900	PTPRN2;PTPRN2;PTPRN2	0.131877	0.948465	0.986383	-1.0138	0.974669	1.00676	1.00676	0.578514	0.887774	-1.12641	0.642415	0.905576	-1.10427	0.163975	1.3703	1.3703	0.827323	1.04743	1.04743	0.00582908	2.15075	2.15075	0.748035	0.933921	-1.07075	0.217569	0.759459	-1.31673	2.26421	1.6134	0.633391	1
cg18254364	RABGGTA;RABGGTA	0.131877	0.300301	0.630738	-1.58545	0.717402	0.855503	-1.1689	0.0394685	0.359603	-2.78085	0.0689294	0.417287	-2.39643	0.0134565	0.268791	-3.72037	0.385621	0.68256	-1.46507	0.425637	1.41809	1.41809	0.857869	0.925916	-1.08001	0.319628	0.643012	-1.55518	2.26421	6.61128	2.59547	1
cg10782875	CACNG8	0.13188	0.0733908	0.51986	-1.9236	0.67035	1.15063	1.15063	0.0185412	2.54889	2.54889	?	?	?	0.29054	0.698065	-1.43253	0.455903	1.28255	1.28255	0.554333	0.822018	-1.21652	0.316075	1.40448	1.40448	0.770935	1.10039	1.10039	2.2846	3.45373	1.51174	1
cg22689749	ARFIP1;TIGD4;ARFIP1;ARFIP1	0.13188	0.970173	1.00834	1.00834	0.589451	1.12865	1.12865	0.208284	1.34273	1.34273	0.465082	0.84776	-1.17958	0.0142187	0.510748	-1.95791	0.2156	0.748613	-1.3358	0.0522728	0.612392	-1.63294	0.438865	0.839122	-1.19172	0.712087	1.08583	1.08583	2.2642	1.76967	0.694745	1
cg00062245	ITGA2B	0.13188	0.903034	0.90501	-1.10496	0.070088	5.25076	5.25076	0.104952	4.2672	4.2672	0.231656	2.79366	2.79366	0.269731	0.390166	-2.56301	0.173382	3.27489	3.27489	0.615229	1.5144	1.5144	0.0165012	11.0109	11.0109	0.223395	2.85083	2.85083	2.26419	24.0484	9.44104	1
cg16573901	GNL2	0.131881	0.240178	0.759918	-1.31593	0.0809091	1.54046	1.54046	0.312102	1.26294	1.26294	0.15059	0.708961	-1.41051	0.094866	0.663794	-1.50649	0.697067	0.916371	-1.09126	0.0931101	0.662054	-1.51045	0.180595	0.728044	-1.37354	0.426598	1.19869	1.19869	2.26418	1.78721	0.701636	1
cg16310284	C1orf141	0.131882	0.149146	1.4242	1.4242	0.681116	1.09906	1.09906	0.820215	0.949296	-1.05341	0.0404774	1.71755	1.71755	0.196328	1.36657	1.36657	0.0769573	1.56764	1.56764	0.667358	1.10388	1.10388	0.59175	0.8836	-1.13173	0.0641732	0.6216	-1.60875	2.26418	1.87374	0.735607	1
cg11525280	C2orf39	0.131882	0.344707	0.528281	-1.89293	0.436435	0.594197	-1.68294	0.700557	1.28834	1.28834	0.443173	0.598918	-1.66968	0.383926	0.556906	-1.79563	0.111441	3.11668	3.11668	0.518118	0.650787	-1.5366	0.00976084	8.52224	8.52224	0.719347	1.26691	1.26691	2.26418	15.4155	6.05196	1
cg00655669	UBXN2A	0.131887	0.511958	1.21982	1.21982	0.783055	0.920852	-1.08595	0.291642	1.38665	1.38665	0.036982	0.484959	-2.06203	0.219295	0.679817	-1.47098	0.21269	1.4801	1.4801	0.346576	1.33585	1.33585	0.042048	0.496659	-2.01346	0.61141	0.858071	-1.1654	2.26414	3.20041	1.25646	1
cg03961283	C1orf65;C1orf65	0.13189	0.325891	0.423078	-2.36363	0.627807	0.660802	-1.51331	0.58477	0.626294	-1.5967	0.923399	1.08498	1.08498	0.0153828	0.0802912	-12.4547	0.248443	0.359473	-2.78185	0.101036	0.218078	-4.58552	0.0140794	0.0765233	-13.0679	0.586982	0.628055	-1.59222	2.26412	25.7871	10.124	1
cg12573871	ZNF407;ZNF407;ZNF407	0.131891	0.154594	0.360718	-2.77225	0.00851594	0.10572	-9.45895	0.0287955	0.178081	-5.61543	0.535855	0.657337	-1.52129	0.287841	0.477832	-2.09279	0.285507	0.475991	-2.10088	0.223264	0.424697	-2.35462	0.218573	0.420623	-2.37743	0.978912	1.01785	1.01785	2.2641	16.0596	6.305	1
cg22399555	FBXL18	0.131892	0.758791	1.1086	1.1086	0.0633837	2.01144	2.01144	0.420174	1.31745	1.31745	0.697526	1.13968	1.13968	0.899503	0.958588	-1.0432	0.607389	0.840729	-1.18944	0.00678689	3.2361	3.2361	0.177423	1.61581	1.61581	0.585407	0.831608	-1.20249	2.2641	4.01816	1.57753	1
cg02933119	ZNF501	0.131894	0.188332	0.632522	-1.58097	0.0218974	0.405068	-2.46872	0.295994	0.700412	-1.42773	0.293878	0.699237	-1.43013	0.925111	0.969578	-1.03138	0.122868	0.577356	-1.73203	0.991764	0.996614	-1.0034	0.0573058	2.0271	2.0271	0.811544	0.924511	-1.08165	2.26409	3.87184	1.5201	1
cg00169964	PCDH21	0.131894	0.272218	1.30535	1.30535	0.255257	1.31908	1.31908	0.721552	0.919949	-1.08702	0.447653	1.19775	1.19775	0.0661249	1.61708	1.61708	0.151243	1.43129	1.43129	0.00734157	2.2384	2.2384	0.121272	1.4795	1.4795	0.294799	1.28832	1.28832	2.26408	1.94939	0.765337	1
cg17854510	SKI	0.131896	0.561089	1.34206	1.34206	0.22985	1.87893	1.87893	0.227028	1.88686	1.88686	0.65342	1.2539	1.2539	0.327487	0.602892	-1.65867	0.874396	1.08241	1.08241	0.0116605	0.206377	-4.84551	0.178915	2.04381	2.04381	0.433783	1.49159	1.49159	2.26407	8.98625	3.52807	1
cg21114485	UFSP2;UFSP2	0.131896	0.161239	0.780827	-1.28069	0.265443	1.21154	1.21154	0.455972	1.13377	1.13377	0.100995	0.743052	-1.3458	0.427323	1.14341	1.14341	0.947133	1.01103	1.01103	0.0136082	0.603649	-1.65659	0.54949	1.10532	1.10532	0.906521	0.980763	-1.01961	2.26406	0.980407	0.384915	1
cg01582980	SP8;SP8	0.131898	0.0933167	6.00682	6.00682	0.612838	1.63061	1.63061	0.97836	1.0263	1.0263	0.494011	0.51365	-1.94685	0.284675	0.343103	-2.91457	0.603424	0.605195	-1.65236	0.22555	3.41152	3.41152	0.00923331	26.7445	26.7445	0.853979	1.19284	1.19284	2.38933	33.9243	11.0431	1
cg12187098	A2M	0.131898	0.0406999	2.10252	2.10252	0.400484	0.762868	-1.31084	0.522237	0.81548	-1.22627	0.407445	1.3054	1.3054	0.0955691	1.77862	1.77862	0.263106	1.4433	1.4433	0.0364171	2.14874	2.14874	0.0757452	1.86204	1.86204	0.392626	1.3171	1.3171	2.26405	3.54684	1.39252	1
cg25357155	SLC16A10	0.131898	0.0894786	3.29186	3.29186	0.790428	1.18174	1.18174	0.792069	1.18015	1.18015	?	?	?	0.108659	3.03917	3.03917	0.709041	1.26501	1.26501	0.0176216	0.154525	-6.47145	0.735208	0.808261	-1.23722	0.819348	1.1542	1.1542	2.40856	13.0384	4.73668	1
cg22455082	UBE2K;UBE2K;UBE2K	0.131901	0.160815	0.57893	-1.72733	0.0906557	1.97425	1.97425	0.0248621	2.64951	2.64951	0.566857	1.23519	1.23519	0.219824	0.624517	-1.60124	0.829784	1.08172	1.08172	0.154565	0.573498	-1.74369	0.925728	1.03461	1.03461	0.730806	1.13431	1.13431	2.26403	4.77412	1.87438	1
cg00385164	COL25A1;COL25A1	0.131905	0.210631	0.863951	-1.15747	0.1931	0.858392	-1.16497	0.452376	1.08858	1.08858	0.111236	1.21209	1.21209	0.0601222	1.26503	1.26503	0.489375	1.08097	1.08097	0.619402	1.05708	1.05708	0.0436514	1.29323	1.29323	0.184044	1.1691	1.1691	2.26399	0.440722	0.173036	1
cg11884089	DOCK4	0.131912	0.540751	0.68779	-1.45393	0.016932	5.81597	5.81597	0.057895	3.65414	3.65414	0.908777	1.07174	1.07174	0.119816	0.360575	-2.77335	0.55696	1.43196	1.43196	0.50222	1.50924	1.50924	0.598893	1.37824	1.37824	0.434691	0.617696	-1.61892	2.26394	13.0986	5.14287	1
cg09149894	ATF6B;ATF6B;FKBPL	0.131912	0.0397169	0.171103	-5.84444	0.206198	0.371609	-2.691	0.235146	0.397016	-2.51879	0.40863	0.533955	-1.87282	0.0251776	0.138538	-7.21826	0.151888	0.31992	-3.12578	0.0253171	0.138894	-7.19972	0.696422	0.74745	-1.33788	0.111656	0.2763	-3.61926	2.26394	19.7626	7.75937	1
cg01813841	RAD50;RAD50;RAD50;RAD50	0.131915	0.226687	0.782565	-1.27785	0.9478	1.01273	1.01273	0.166241	1.32995	1.32995	0.421001	1.17209	1.17209	0.270894	1.24784	1.24784	0.973622	1.00641	1.00641	0.0231992	0.59203	-1.6891	0.308047	0.815627	-1.22605	0.113484	1.39468	1.39468	2.26392	1.33777	0.525252	1
cg26647646	XRCC4;XRCC4;XRCC4	0.131918	0.295964	0.749864	-1.33357	0.794246	0.93293	-1.07189	0.0466098	0.545929	-1.83174	0.583749	1.15833	1.15833	0.275858	1.35134	1.35134	0.243604	0.723198	-1.38275	0.0286094	1.98567	1.98567	0.303304	0.753359	-1.32739	0.869101	1.04478	1.04478	2.26389	2.52979	0.99329	1
cg18228203	TCTE1	0.131922	0.956199	1.01379	1.01379	0.172068	0.695975	-1.43683	0.836739	1.05279	1.05279	0.420306	1.22788	1.22788	0.752047	1.08224	1.08224	0.454768	1.20906	1.20906	0.00648757	0.413844	-2.41637	0.692653	0.905694	-1.10413	0.277434	1.3253	1.3253	2.26386	2.22908	0.87523	1
cg06815737	LBP	0.131922	0.725903	0.928892	-1.07655	0.641307	0.906354	-1.10332	0.33989	0.813725	-1.22892	0.489078	1.15867	1.15867	0.315357	1.24305	1.24305	0.0752912	0.660322	-1.51441	0.15658	1.37378	1.37378	0.0271029	0.577941	-1.73028	0.139731	0.716753	-1.39518	2.26386	1.57466	0.618279	1
cg16732769	TCF25	0.131922	0.953728	1.0084	1.0084	0.0115416	1.5765	1.5765	0.0468139	1.38815	1.38815	0.275926	1.17742	1.17742	0.167161	1.2364	1.2364	0.66096	1.06567	1.06567	0.400663	1.13198	1.13198	0.877899	0.978089	-1.0224	0.27281	0.848342	-1.17877	2.26386	0.744549	0.292342	1
cg21210376	PBK	0.131925	0.173087	0.567678	-1.76156	0.210399	0.597225	-1.67441	0.144078	0.541771	-1.8458	0.277757	1.55399	1.55399	0.032761	0.37698	-2.65266	0.939543	1.03007	1.03007	0.0417173	0.399779	-2.50138	0.0847529	0.474951	-2.10548	0.520087	0.775189	-1.29001	2.26384	5.46901	2.14739	1
cg13911501	TRAPPC9;TRAPPC9	0.131926	0.110454	0.207687	-4.81494	0.0963481	5.20577	5.20577	0.412983	0.469412	-2.13032	0.510783	1.82708	1.82708	0.0811587	0.174281	-5.73785	0.393856	0.454222	-2.20157	0.0752016	0.166937	-5.9903	0.0712533	0.161937	-6.17524	0.57303	0.597749	-1.67294	2.26383	29.2737	11.4942	1
cg04143539	C6orf136;C6orf136;C6orf136	0.131927	0.170119	0.81955	-1.22018	0.157378	0.813885	-1.22867	0.173802	0.821123	-1.21784	0.112073	0.790056	-1.26573	0.465663	1.10641	1.10641	0.813563	1.0327	1.0327	0.461232	1.10757	1.10757	0.441749	1.11275	1.11275	0.0352825	1.39643	1.39643	2.26383	0.665102	0.261151	1
cg10269439	IL1F7;IL1F7;IL1F7;IL1F7;IL1F7;IL1F7;IL1F7;IL1F7	0.131927	0.0377082	0.109524	-9.1304	0.0125893	0.0580216	-17.235	0.354784	0.4175	-2.39521	0.982818	0.980434	-1.01996	0.0783774	0.166276	-6.01411	0.174271	0.265514	-3.76628	0.558492	0.581057	-1.721	0.253872	0.335112	-2.98408	0.0973042	0.188329	-5.30986	2.26383	30.1858	11.8524	1
cg11953383	ME3;ME3;ME3	0.131927	0.659664	0.945922	-1.05717	0.549007	0.926755	-1.07903	0.880488	0.981303	-1.01905	0.924502	0.98818	-1.01196	0.254507	0.861347	-1.16097	0.00481051	0.625436	-1.59889	0.380819	0.893357	-1.11937	0.316348	1.13878	1.13878	0.131873	0.815443	-1.22633	2.26382	0.564245	0.221551	1
cg19045956	C2orf60;C2orf60;C2orf47	0.131928	0.612298	1.1279	1.1279	0.685559	0.908587	-1.10061	0.442462	0.831576	-1.20254	0.0637947	0.612184	-1.6335	0.11185	1.50347	1.50347	0.68429	1.10106	1.10106	0.573497	1.14334	1.14334	0.0157092	2.00826	2.00826	0.637597	1.11823	1.11823	2.26382	1.98861	0.780829	1
cg14905600	PWWP2B;PWWP2B	0.131933	0.191708	3.28163	3.28163	0.0407332	7.62298	7.62298	0.00977838	16.5903	16.5903	0.621744	1.53357	1.53357	0.313604	0.408161	-2.45001	0.546032	1.691	1.691	0.489161	1.82963	1.82963	0.229475	2.95707	2.95707	0.810545	1.22935	1.22935	2.26377	26.5049	10.4074	1
cg15505412	IRX1	0.131933	0.236532	0.733854	-1.36267	0.0184547	0.490109	-2.04036	0.974384	0.992021	-1.00804	0.259503	0.745663	-1.34109	0.422794	0.815235	-1.22664	0.194411	0.70999	-1.40847	0.311522	0.770107	-1.29852	0.0146883	0.472648	-2.11574	0.0919285	0.629452	-1.58868	2.26377	2.23182	0.876342	1
cg00130693	PYCR2	0.131935	0.0382596	0.266763	-3.74865	0.0851864	0.35089	-2.84989	0.221682	0.493203	-2.02756	0.408082	1.59303	1.59303	0.0552175	0.302401	-3.30686	0.640443	0.771929	-1.29546	0.0640685	0.318178	-3.14289	0.585836	1.3536	1.3536	0.216055	0.488499	-2.04709	2.26376	10.8567	4.26299	1
cg12164777	RASD1	0.131939	0.811754	0.925263	-1.08077	0.0147811	0.376601	-2.65533	0.844719	0.938154	-1.06592	0.730926	1.11895	1.11895	0.739512	0.897056	-1.11476	0.939798	1.0249	1.0249	0.0974269	1.80784	1.80784	0.0424346	0.467281	-2.14004	0.760737	0.905349	-1.10455	2.26373	3.80009	1.49216	1
cg14539856	PNLIPRP3	0.13194	0.0485991	0.480849	-2.07966	0.170844	0.622511	-1.6064	0.334562	0.723632	-1.38192	0.110348	0.568038	-1.76045	0.265009	0.685522	-1.45874	0.218473	0.656578	-1.52305	0.0154277	0.380574	-2.62761	0.539934	0.81735	-1.22347	0.0325956	0.443564	-2.25447	2.26372	3.78763	1.48728	1
cg14988565	ROMO1;NFS1	0.131946	0.390387	0.575113	-1.73879	0.735546	0.808636	-1.23665	0.293257	1.98691	1.98691	?	?	?	0.687916	0.776419	-1.28796	0.0407912	0.220318	-4.5389	0.0671457	3.69882	3.69882	0.466381	1.59264	1.59264	0.110654	3.01365	3.01365	2.40812	13.0141	4.72874	1
cg09644109	MGC72080	0.131947	0.691204	1.06655	1.06655	0.0554137	1.4196	1.4196	0.440685	1.13529	1.13529	0.58011	1.09437	1.09437	0.829728	1.03536	1.03536	0.870629	0.974041	-1.02665	0.011931	0.602725	-1.65913	0.529317	1.10831	1.10831	0.241776	1.21862	1.21862	2.26367	0.933606	0.366605	1
cg07538160	MUC21	0.131947	0.926317	0.964976	-1.03629	0.0390677	0.398314	-2.51058	0.137122	0.539471	-1.85367	0.774226	1.11723	1.11723	0.349745	0.690049	-1.44917	0.147756	0.549596	-1.81952	0.0265674	0.363057	-2.75439	0.504381	0.770193	-1.29838	0.031754	0.378989	-2.6386	2.26366	5.32584	2.09134	1
cg08275608	BRD2;BRD2	0.13195	0.0643614	1.35007	1.35007	0.816609	0.967005	-1.03412	0.724416	1.05246	1.05246	0.0636657	1.35139	1.35139	0.150429	0.800414	-1.24935	0.491946	1.10607	1.10607	0.51982	1.09882	1.09882	0.421264	1.12599	1.12599	0.0531653	0.728104	-1.37343	2.26364	0.747883	0.29368	1
cg26312150	TWIST1	0.131952	0.972429	0.992597	-1.00746	0.0936588	1.48645	1.48645	0.320716	0.802043	-1.24682	0.197748	1.34006	1.34006	0.330739	1.24083	1.24083	0.488891	0.859707	-1.16319	0.0186962	0.541848	-1.84554	0.268752	1.28102	1.28102	0.949639	1.01367	1.01367	2.26363	1.65729	0.650792	1
cg07435449	TRIM29	0.131956	0.317129	0.788251	-1.26863	0.633262	1.11695	1.11695	0.0560853	0.607839	-1.64517	0.947231	1.01535	1.01535	0.556094	1.14681	1.14681	0.0431869	1.70776	1.70776	0.0685538	1.59858	1.59858	0.328058	0.792724	-1.26147	0.57196	0.876863	-1.14043	2.26359	1.89789	0.745281	1
cg27304047	NCAPH	0.131956	0.117175	0.792898	-1.2612	0.449263	0.900201	-1.11086	0.380424	1.13052	1.13052	0.72949	1.04847	1.04847	0.513842	0.913678	-1.09448	0.157136	0.813582	-1.22913	0.0169523	0.672274	-1.48749	0.820737	0.969526	-1.03143	0.119649	1.25891	1.25891	2.26359	0.666552	0.261748	1
cg01980222	TREM2;TREM2	0.131958	0.296644	1.47953	1.47953	0.0721779	2.06776	2.06776	0.681245	0.861123	-1.16127	0.710248	1.14465	1.14465	0.330004	1.43893	1.43893	0.0874348	1.9799	1.9799	0.0112103	3.15942	3.15942	0.0813548	2.01254	2.01254	0.939079	0.972709	-1.02806	2.26358	4.69817	1.84493	1
cg21300019	HS3ST1	0.131958	0.58237	0.697315	-1.43407	0.0772297	3.57944	3.57944	0.258381	2.15007	2.15007	0.884215	1.09921	1.09921	0.0643684	0.259519	-3.85328	0.675648	0.760981	-1.31409	0.031667	0.194923	-5.13022	0.947305	0.958003	-1.04384	0.240452	0.450337	-2.22056	2.26357	15.1054	5.93177	1
cg10389229	IRAK3;IRAK3	0.131961	0.0938456	17.9544	17.9544	0.231088	7.16384	7.16384	0.573881	2.43667	2.43667	0.931708	0.874286	-1.14379	0.562961	0.399838	-2.50101	0.61215	0.448693	-2.22869	0.276131	0.169368	-5.90431	0.0205738	79.2337	79.2337	0.0619212	26.9808	26.9808	2.26355	88.0796	34.5885	1
cg18173770	MGAT5B;MGAT5B	0.131961	0.0777962	1.37307	1.37307	0.0464211	0.691419	-1.4463	0.23092	1.22542	1.22542	0.651199	1.0764	1.0764	0.54754	0.906238	-1.10346	0.534171	0.903171	-1.10721	0.0873132	1.35711	1.35711	0.149033	1.28443	1.28443	0.389626	1.15328	1.15328	2.26355	0.93808	0.368381	1
cg06144080	EDEM2;EDEM2;EDEM2	0.131963	0.521947	0.788259	-1.26862	0.984458	1.00717	1.00717	0.193326	1.65635	1.65635	0.116779	1.86766	1.86766	0.0219749	0.365178	-2.73839	0.997355	1.00122	1.00122	0.286945	0.666745	-1.49982	0.208119	0.614762	-1.62664	0.229745	1.5872	1.5872	2.26353	4.81775	1.89193	1
cg14691985	WDR27	0.131965	0.249179	0.778945	-1.28379	0.00819552	0.495768	-2.01707	0.422935	0.843862	-1.18503	0.42358	1.18474	1.18474	0.188996	0.749289	-1.3346	0.491511	1.15595	1.15595	0.537919	1.1381	1.1381	0.144849	0.722685	-1.38373	0.667428	0.914244	-1.0938	2.26352	1.54222	0.605632	1
cg00754617	FAM83E;SPACA4	0.131966	0.0452295	0.319501	-3.12988	0.205494	0.515106	-1.94135	0.026988	0.272334	-3.67196	0.428128	0.66912	-1.4945	0.0241248	0.262988	-3.80246	0.143835	0.45842	-2.1814	0.085047	0.388391	-2.57472	0.217298	0.52483	-1.90538	0.29931	0.586102	-1.70619	2.26352	8.84303	3.47268	1
cg08311965	MMP15;MMP15	0.131966	0.00611111	0.352793	-2.83452	0.684927	1.1261	1.1261	0.794355	1.07902	1.07902	0.252605	0.706162	-1.41611	0.568839	1.18253	1.18253	0.0743207	0.560494	-1.78414	0.829881	0.939278	-1.06465	0.775099	0.919983	-1.08698	0.305651	0.73432	-1.3618	2.26352	3.03868	1.1933	1
cg21855059	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.131974	0.0547247	0.613889	-1.62896	0.0206375	1.86677	1.86677	0.73951	1.07759	1.07759	0.597219	0.887443	-1.12683	0.437772	0.837574	-1.19392	0.230111	0.754313	-1.32571	0.384354	1.22107	1.22107	0.588774	0.884951	-1.13001	0.330425	1.25219	1.25219	2.26345	1.79758	0.705935	1
cg01257345	IFT20;TMEM97	0.131977	0.713314	0.921319	-1.0854	0.218974	1.33256	1.33256	0.705526	0.919151	-1.08796	0.126772	0.692958	-1.44309	0.0560156	0.618361	-1.61718	0.365958	0.81361	-1.22909	0.0609861	1.59831	1.59831	0.190944	1.36005	1.36005	0.395701	0.824348	-1.21308	2.26342	1.7679	0.694286	1
cg24272254	ADAP1	0.131981	0.364154	0.678832	-1.47312	0.016484	3.37748	3.37748	0.241432	1.66424	1.66424	0.889927	1.05921	1.05921	0.107355	0.481881	-2.0752	0.141407	0.518444	-1.92885	0.679068	0.841284	-1.18866	0.492413	1.33592	1.33592	0.946661	1.02818	1.02818	2.2634	6.18576	2.42929	1
cg02370100	ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;ABCG1	0.131981	0.388103	0.591728	-1.68997	0.182457	2.31476	2.31476	0.41949	1.63115	1.63115	0.16509	2.40694	2.40694	0.285349	0.517767	-1.93137	0.0636992	3.44366	3.44366	0.0323264	4.42211	4.42211	0.0824922	3.12944	3.12944	0.594503	1.37534	1.37534	2.26339	12.6131	4.95346	1
cg06641624	UBE2D2;UBE2D2	0.131982	0.97917	1.00443	1.00443	0.0288899	1.54741	1.54741	0.0941397	1.36598	1.36598	0.654747	0.926563	-1.07926	0.448457	0.877303	-1.13986	0.161453	0.77616	-1.28839	0.235885	0.810185	-1.23429	0.31358	1.19318	1.19318	0.181247	1.27191	1.27191	2.26339	1.02938	0.404263	1
cg14571710	KIAA1949;NRM;KIAA1949	0.131984	0.359888	0.79759	-1.25378	0.136071	0.679839	-1.47094	0.370265	1.24739	1.24739	0.637221	0.892145	-1.12089	0.137094	0.680627	-1.46923	0.423267	0.821599	-1.21714	0.00834174	0.444882	-2.24779	0.087198	0.635255	-1.57417	0.857319	0.957684	-1.04419	2.26337	2.06917	0.81262	1
cg16689962	AGPAT1;AGPAT1	0.131985	0.696885	1.03296	1.03296	0.332168	1.08678	1.08678	0.29028	1.09569	1.09569	0.0243119	0.795697	-1.25676	0.782478	0.977339	-1.02319	0.209301	0.895433	-1.11678	0.0309919	0.80649	-1.23994	0.579266	0.954623	-1.04753	0.331405	0.920017	-1.08694	2.38855	0.253821	0.0826512	1
cg15955731	LRGUK	0.13199	0.696439	1.05085	1.05085	0.34955	0.885315	-1.12954	0.481248	0.913421	-1.09478	0.61308	1.06663	1.06663	0.256611	0.860895	-1.16158	0.188172	1.19291	1.19291	0.302833	0.873703	-1.14455	0.0696873	1.29255	1.29255	0.0236434	1.40746	1.40746	2.26332	0.573592	0.22527	1
cg01318737	ZNF57	0.131991	0.158785	0.370151	-2.7016	0.0830979	0.28195	-3.54672	0.0218051	0.162611	-6.14964	0.0579124	0.243034	-4.11464	0.0632156	0.251929	-3.96937	0.215935	0.423465	-2.36147	0.138604	0.349245	-2.86332	0.124346	0.333554	-2.99802	0.0908338	0.292532	-3.41843	2.26332	15.6063	6.12919	1
cg11494841	C17orf62;C17orf62;C17orf62	0.131991	0.236387	0.501359	-1.99458	0.075369	3.00932	3.00932	0.0292232	4.17751	4.17751	0.37048	1.66825	1.66825	0.256797	0.517552	-1.93217	0.272625	0.529718	-1.8878	0.287125	0.540602	-1.84979	0.47636	1.49629	1.49629	0.970192	1.02101	1.02101	2.26332	11.1007	4.35966	1
cg15033969	P2RX3	0.131992	0.206577	0.676379	-1.47846	0.12605	0.615175	-1.62555	0.719153	0.899436	-1.11181	0.0574626	0.53224	-1.87885	0.0288961	0.469471	-2.13006	0.122137	0.611546	-1.6352	0.0581227	0.53335	-1.87494	0.0932737	0.581649	-1.71925	0.618373	1.15882	1.15882	2.26331	3.0881	1.21282	1
cg07658508	SLC26A1	0.131996	0.626646	1.33984	1.33984	0.740633	0.820175	-1.21925	0.380279	0.584449	-1.71101	0.124693	0.370853	-2.69648	0.327924	0.547369	-1.82692	0.453595	1.5771	1.5771	0.0718924	3.31692	3.31692	0.0232529	5.04624	5.04624	0.525037	0.68088	-1.46869	2.26327	12.7654	5.01355	1
cg07962882	SBNO2;SBNO2	0.131999	0.105867	1.52503	1.52503	0.119263	1.4977	1.4977	0.55506	1.1533	1.1533	0.254032	1.3292	1.3292	0.319177	0.78195	-1.27885	0.681547	1.1036	1.1036	0.0081568	2.24564	2.24564	0.187401	1.3963	1.3963	0.711962	1.09265	1.09265	2.26325	2.04616	0.803628	1
cg20916120	NELL1;NELL1	0.131999	0.484753	0.820053	-1.21943	0.482599	1.22067	1.22067	0.0803573	0.581587	-1.71943	0.0265032	0.479528	-2.08539	0.32317	0.751912	-1.32994	0.166718	0.66235	-1.50978	0.225675	0.700807	-1.42693	0.250788	1.39836	1.39836	0.0775307	0.57796	-1.73022	2.26325	2.7986	1.09915	1
cg24020215	NRXN3;NRXN3;NRXN3	0.132001	0.209443	2.25699	2.25699	0.0560694	3.78695	3.78695	0.0787217	3.32513	3.32513	0.755055	1.21237	1.21237	0.144945	0.381633	-2.62032	0.138837	2.66552	2.66552	0.0581554	3.73442	3.73442	0.213785	2.23785	2.23785	0.798329	0.854231	-1.17064	2.26324	13.5727	5.33068	1
cg14550563	RYR1;RYR1	0.132006	0.586987	1.16839	1.16839	0.0295156	0.483261	-2.06928	0.0216673	0.457396	-2.18629	0.248645	1.40799	1.40799	0.84765	1.05609	1.05609	0.500365	0.823584	-1.21421	0.555375	1.18441	1.18441	0.466236	0.810276	-1.23415	0.237604	0.703963	-1.42053	2.2632	2.88563	1.13336	1
cg02055988	LIMK2;LIMK2;LIMK2	0.132007	0.333691	1.46047	1.46047	0.623924	1.20648	1.20648	0.432295	0.737551	-1.35584	0.350227	1.44087	1.44087	0.0289153	0.3759	-2.66028	0.124426	1.88122	1.88122	0.774877	1.11508	1.11508	0.590239	0.813426	-1.22937	0.0537211	0.435146	-2.29808	2.26319	5.17197	2.03134	1
cg11055858	PTPRN2;PTPRN2;PTPRN2	0.132007	0.30182	0.66681	-1.49968	0.277416	1.53407	1.53407	0.495152	0.769201	-1.30005	0.0201682	2.89075	2.89075	0.168342	0.573427	-1.7439	0.342035	0.69013	-1.449	0.109915	1.93505	1.93505	0.463521	1.32666	1.32666	0.71873	1.14684	1.14684	2.26319	5.14415	2.02041	1
cg00635944	C16orf53	0.132008	0.0443766	0.320476	-3.12035	?	?	?	0.192448	1.97356	1.97356	0.954044	0.971999	-1.02881	0.373575	1.56851	1.56851	0.22637	1.87009	1.87009	0.0620384	0.355088	-2.8162	0.379424	0.641236	-1.55949	0.333742	0.611818	-1.63447	2.28357	7.80722	3.41887	1
cg01179256	CHST11	0.132008	0.15644	0.713585	-1.40137	0.77051	1.06728	1.06728	0.508133	1.16119	1.16119	0.59983	0.888833	-1.12507	0.597983	0.888292	-1.12576	0.416666	0.831282	-1.20296	0.00608673	0.450581	-2.21936	0.453989	0.84384	-1.18506	0.248186	1.3083	1.3083	2.26318	1.7762	0.697622	1
cg17605476	GRIA2;GRIA2;GRIA2	0.132011	0.364637	1.18426	1.18426	0.913684	0.980588	-1.0198	0.0144805	1.75634	1.75634	0.27026	1.23223	1.23223	0.767853	1.055	1.055	0.0966641	1.39729	1.39729	0.624678	0.914619	-1.09335	0.30158	0.823205	-1.21476	0.184712	0.773638	-1.29259	2.38833	1.21028	0.394137	1
cg06200494	NAB2	0.132018	0.544349	0.834931	-1.1977	0.117101	1.64953	1.64953	0.430345	1.26701	1.26701	0.356095	0.756481	-1.32191	0.0729796	0.555448	-1.80035	0.0182592	0.430703	-2.32179	0.523742	0.826979	-1.20922	0.652202	0.875122	-1.1427	0.456407	1.24983	1.24983	2.2631	3.09827	1.21692	1
cg17002091	SLC25A29;MIR345;SLC25A29	0.132018	0.916754	0.984806	-1.01543	0.395241	1.13599	1.13599	0.633043	1.07298	1.07298	0.540961	0.913355	-1.09486	0.712361	1.05572	1.05572	0.437033	0.890385	-1.12311	0.18242	0.812843	-1.23025	0.108589	0.773912	-1.29214	0.0114594	1.58924	1.58924	2.2631	0.768588	0.301882	1
cg15143938	SCARNA20;USP32	0.132022	0.507257	0.789073	-1.26731	0.314632	0.693398	-1.44217	0.420444	0.748392	-1.3362	0.202773	1.60556	1.60556	0.272991	0.669163	-1.49441	0.751923	0.894343	-1.11814	0.122497	1.80272	1.80272	0.0147966	2.87483	2.87483	0.697621	0.871549	-1.14738	2.26307	4.44403	1.74553	1
cg15958035	PTPRK;PTPRK	0.132024	0.693103	0.917837	-1.08952	0.865404	0.963995	-1.03735	0.884972	0.969195	-1.03178	0.462961	0.850874	-1.17526	0.831266	1.0472	1.0472	0.372426	1.21888	1.21888	0.00357239	2.347	2.347	0.288913	1.26865	1.26865	0.97457	0.993134	-1.00691	2.26306	1.67457	0.657743	1
cg02047300	PCDHA6;PCDHA2;PCDHA1;PCDHA1;PCDHA6;PCDHA5;PCDHA3;PCDHA4;PCDHA6	0.132024	0.0643263	5.29008	5.29008	0.12098	3.84843	3.84843	0.093853	4.37777	4.37777	0.896396	0.900854	-1.11006	0.0454728	6.28733	6.28733	0.085636	4.58441	4.58441	0.386903	2.03568	2.03568	0.0408603	6.63115	6.63115	0.0848574	4.60549	4.60549	2.26306	23.0224	9.04278	1
cg23815787	UBE2N	0.132025	0.327979	1.2959	1.2959	0.0225319	0.495897	-2.01655	0.268248	0.743764	-1.34451	0.327104	0.771279	-1.29655	0.616027	1.1386	1.1386	0.458036	0.823666	-1.21408	0.910599	0.971578	-1.02925	0.523324	1.18063	1.18063	0.0233818	0.498871	-2.00453	2.26305	2.36201	0.92776	1
cg13059495	TPRG1L	0.132026	0.469682	0.727274	-1.375	0.0553908	0.390576	-2.56032	0.0281044	3.07368	3.07368	0.574194	1.27864	1.27864	0.644949	1.22248	1.22248	0.150078	0.512737	-1.95032	0.351407	0.660199	-1.51469	0.183425	0.542768	-1.84241	0.781644	0.886657	-1.12783	2.26304	6.7182	2.63881	1
cg06997416	MGC23284;MVD;MGC23284	0.13203	0.501873	1.37688	1.37688	0.0426515	2.98941	2.98941	0.323219	0.61954	-1.6141	0.418779	1.47354	1.47354	0.207435	0.535917	-1.86596	0.762496	0.867431	-1.15283	0.0290506	0.299012	-3.34435	0.294164	0.600162	-1.66622	0.495568	0.722749	-1.38361	2.26301	7.89138	3.09966	1
cg15076869	MAP2K2	0.132033	0.166108	0.66811	-1.49676	0.680373	0.893036	-1.11978	0.110662	0.622062	-1.60756	0.0321954	0.504021	-1.98405	0.116837	0.627953	-1.59248	0.104228	0.615649	-1.6243	0.0142637	0.438045	-2.28287	0.713774	0.904287	-1.10584	0.250896	0.720625	-1.38768	2.26298	2.67316	1.05	1
cg16434546	SFRS12IP1;SDCCAG10	0.132033	0.935909	1.02998	1.02998	0.0282676	2.58879	2.58879	0.01111	3.21949	3.21949	0.312901	1.4672	1.4672	0.238014	1.57449	1.57449	0.965665	0.984316	-1.01593	0.361604	0.708636	-1.41116	0.804266	1.09548	1.09548	0.540631	1.25545	1.25545	2.26298	4.83421	1.89885	1
cg06296021	CDKL3;CDKL3	0.132034	0.455601	1.10794	1.10794	0.0417832	1.37233	1.37233	0.0486774	1.35489	1.35489	0.235882	1.1824	1.1824	0.503727	1.09584	1.09584	0.949949	1.0085	1.0085	0.0460098	0.734591	-1.3613	0.440913	1.11183	1.11183	0.419605	1.11765	1.11765	2.26298	0.652077	0.256133	1
cg08021615	DDAH2	0.132039	0.598689	1.21903	1.21903	0.0857302	2.05116	2.05116	0.178405	1.71167	1.71167	0.727303	0.877696	-1.13935	0.121861	0.531338	-1.88204	0.72866	1.13857	1.13857	0.0389445	2.4868	2.4868	0.0500973	2.33796	2.33796	0.300409	1.49453	1.49453	2.38807	5.13508	1.67246	1
cg11784785	SLC6A5	0.132041	0.264778	0.596555	-1.67629	0.0348366	0.335141	-2.98382	0.0759326	0.415671	-2.40575	0.903087	1.05563	1.05563	0.975404	1.0138	1.0138	0.347286	0.650422	-1.53746	0.185791	0.536037	-1.86554	0.057692	2.59581	2.59581	0.832103	1.09896	1.09896	2.26293	7.08001	2.78106	1
cg05702725	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.132042	0.846595	0.94065	-1.06309	0.563271	1.20273	1.20273	0.68626	0.87961	-1.13687	0.398091	0.760858	-1.31431	0.0831061	0.545485	-1.83323	0.803234	0.924167	-1.08206	0.0150815	2.5689	2.5689	0.972176	0.989043	-1.01108	0.0906543	0.554963	-1.80192	2.26292	3.57625	1.40478	1
cg14458908	NR5A1	0.132042	0.218418	0.709866	-1.40872	0.0213768	0.480941	-2.07926	0.0177824	0.466341	-2.14435	0.739475	0.915446	-1.09236	0.669285	0.892491	-1.12046	0.109753	0.630329	-1.58647	0.209437	0.704559	-1.41933	0.115985	0.63621	-1.57181	0.875901	1.04224	1.04224	2.26291	2.51131	0.986463	1
cg00244776	VARS2;VARS2;VARS2	0.132043	0.06569	0.467471	-2.13917	0.289557	0.667166	-1.49888	0.564593	0.807032	-1.23911	0.0778126	2.05759	2.05759	0.104617	0.520454	-1.9214	0.270057	0.655199	-1.52625	0.0355799	0.406288	-2.46131	0.932001	0.969069	-1.03192	0.98091	1.00885	1.00885	2.2629	4.85774	1.90817	1
cg06123147	ZNF407;ZNF407;ZNF407;ZNF407;ZNF407;ZNF407	0.132045	0.896969	0.967417	-1.03368	0.0390984	0.543054	-1.84144	0.183992	0.697419	-1.43386	0.608058	0.87611	-1.14141	0.0522937	0.56872	-1.75833	0.262025	0.741526	-1.34857	0.234621	1.37513	1.37513	0.468134	0.827991	-1.20774	0.0325183	0.52736	-1.89624	2.26289	2.3431	0.920398	1
cg01790646	HDAC4	0.132046	0.162858	0.362173	-2.76111	0.0898558	0.279511	-3.57767	0.787761	1.20198	1.20198	0.240647	0.432779	-2.31065	0.12806	0.325745	-3.06989	0.166459	0.365725	-2.73429	0.0302124	0.17597	-5.68277	0.0180833	0.141212	-7.08153	0.368495	0.532727	-1.87713	2.26288	16.6589	6.54381	1
cg05712295	CTBP1;CTBP1	0.13205	0.981682	1.01345	1.01345	0.086868	3.00565	3.00565	0.252559	2.00481	2.00481	0.454501	0.641858	-1.55798	0.150477	0.40781	-2.45212	0.35699	0.576172	-1.73559	0.0564946	0.284606	-3.51363	0.105306	2.80088	2.80088	0.423487	0.621407	-1.60925	2.26285	12.139	4.76843	1
cg19716462	CCT4	0.13205	0.203033	0.709477	-1.40949	0.202351	1.4103	1.4103	0.356241	1.27427	1.27427	0.736059	1.09026	1.09026	0.769777	1.07784	1.07784	0.39103	0.798931	-1.25167	0.0112807	0.444573	-2.24935	0.169435	0.688065	-1.45335	0.380042	0.794534	-1.2586	2.26285	2.33812	0.918457	1
cg00944649	C1orf64	0.132055	0.854901	0.931858	-1.07312	0.653483	1.19032	1.19032	0.025547	0.359535	-2.78137	0.0403412	0.401282	-2.49201	0.0483316	0.419027	-2.38648	0.207948	0.599371	-1.66842	?	?	?	0.295032	0.657914	-1.51995	0.396945	0.715755	-1.39713	2.28318	4.7776	2.09252	1
cg03177025	BRE;BRE;BRE;BRE;RBKS;BRE;LOC100302650	0.132057	0.295512	0.74261	-1.3466	0.285487	0.737633	-1.35569	0.202247	1.44677	1.44677	0.266293	1.37402	1.37402	0.0482978	0.538472	-1.85711	0.342578	0.764728	-1.30766	0.0286308	0.492489	-2.0305	0.743868	0.913987	-1.09411	0.221811	0.703103	-1.42227	2.2628	2.69682	1.05938	1
cg25637722	CRB3;CRB3	0.132059	0.161075	3.4819	3.4819	0.720519	0.741249	-1.34907	0.577264	0.625434	-1.59889	0.0649812	5.62428	5.62428	0.0176655	11.0823	11.0823	0.831993	0.837727	-1.19371	0.935004	0.934281	-1.07034	0.584253	1.58494	1.58494	0.0470829	6.64549	6.64549	2.26278	24.8945	9.77932	1
cg22900607	GNG7	0.132059	0.543243	0.798177	-1.25285	0.23273	0.632274	-1.58159	0.179281	0.592972	-1.68642	0.494477	1.28938	1.28938	0.0227187	0.368239	-2.71562	0.0575769	0.455344	-2.19614	0.308164	0.679482	-1.47171	0.660384	0.850457	-1.17584	0.145102	1.774	1.774	2.26278	4.8097	1.8894	1
cg10585161	COMMD10	0.132061	0.610827	0.908575	-1.10062	0.0823365	1.43265	1.43265	0.841699	0.963332	-1.03806	0.196657	1.29049	1.29049	0.160033	1.3237	1.3237	0.526911	0.887126	-1.12724	0.0166637	0.579215	-1.72648	0.726259	0.936444	-1.06787	0.887055	1.02691	1.02691	2.26276	1.25072	0.491326	1
cg13648117	TMEM141	0.132062	0.749681	1.06887	1.06887	0.874088	0.967543	-1.03355	0.310731	1.24386	1.24386	0.296669	0.798416	-1.25248	0.199695	0.754356	-1.32563	0.484717	1.1592	1.1592	0.00746547	0.488362	-2.04766	0.530204	1.14145	1.14145	0.456364	1.17097	1.17097	2.26276	1.55133	0.609415	1
cg20081767	ZNF83	0.132063	0.807255	1.03611	1.03611	0.555695	1.09035	1.09035	0.0722925	1.33792	1.33792	0.597629	0.925605	-1.08037	0.741756	1.04917	1.04917	0.00610327	1.68121	1.68121	0.609208	1.0777	1.0777	0.082291	1.32229	1.32229	0.519872	1.09931	1.09931	2.26275	0.754906	0.296554	1
cg12060472	ECHDC2;ECHDC2	0.132069	0.258155	3.28659	3.28659	0.821278	0.795989	-1.2563	0.0779008	7.21114	7.21114	0.0829797	0.144312	-6.92945	0.294844	2.99091	2.99091	0.203446	0.258281	-3.87175	0.714264	0.690165	-1.44893	0.0468136	9.92564	9.92564	0.64334	0.62487	-1.60033	2.2627	36.4425	14.3162	1
cg19463361	TBCD	0.132069	0.519657	0.801535	-1.24761	0.0788054	1.93784	1.93784	0.448765	0.769789	-1.29906	0.118831	1.77501	1.77501	0.362218	0.728022	-1.37358	0.0612202	0.489231	-2.04402	0.428752	0.760477	-1.31496	0.681871	1.14992	1.14992	0.0746773	0.510192	-1.96005	2.2627	4.11682	1.61727	1
cg22278901	CSNK1G2	0.132069	0.0816459	2.04454	2.04454	0.084189	2.03004	2.03004	0.0412252	2.39345	2.39345	0.278764	1.51795	1.51795	0.869643	0.940946	-1.06276	0.845908	1.07477	1.07477	0.0241591	2.70828	2.70828	0.083239	2.0354	2.0354	0.9977	0.998932	-1.00107	2.2627	4.92199	1.93358	1
cg15825059	RDX	0.132073	0.101889	0.476034	-2.10069	0.0714546	2.30369	2.30369	0.313418	1.54068	1.54068	0.0906457	2.16583	2.16583	0.103468	0.477955	-2.09225	0.342049	1.50055	1.50055	0.407743	0.703947	-1.42056	0.560139	0.783303	-1.27665	0.646569	0.825807	-1.21094	2.26267	6.15849	2.41936	1
cg12591289	C3orf26;FILIP1L;FILIP1L;FILIP1L;C3orf26;FILIP1L	0.132073	0.609205	0.823358	-1.21454	0.496184	1.29754	1.29754	0.547124	1.2582	1.2582	0.824424	1.08737	1.08737	0.00776526	0.275629	-3.62806	0.0535482	0.437575	-2.28532	0.774035	1.11462	1.11462	0.778027	0.898943	-1.11242	0.291486	0.661911	-1.51078	2.26267	5.0925	2.00059	1
cg15693363	GARS;GARS	0.132074	0.129071	0.76873	-1.30085	0.209473	0.808863	-1.2363	0.237989	0.82019	-1.21923	0.0099442	0.593265	-1.68559	0.101676	0.750252	-1.33289	0.390691	0.868452	-1.15147	0.368367	0.862288	-1.15971	0.965062	0.993	-1.00705	0.271696	1.2014	1.2014	2.26266	0.921559	0.362036	1
cg11378389	NOS1AP;NOS1AP	0.132077	0.10327	0.395944	-2.52561	0.992905	1.00463	1.00463	0.840016	0.900245	-1.11081	0.792978	1.14654	1.14654	0.00897161	0.177678	-5.62816	0.731741	0.836183	-1.19591	0.396213	0.636541	-1.57099	0.0868637	0.374145	-2.67276	0.067198	0.344213	-2.90518	2.26264	9.68636	3.80534	1
cg12328429	ME3;ME3;ME3	0.132078	0.200614	0.492401	-2.03086	0.783907	1.15496	1.15496	0.253365	0.535159	-1.8686	0.500878	1.43056	1.43056	0.0106217	0.185664	-5.38609	0.322256	0.585149	-1.70897	0.13094	0.425394	-2.35076	0.560911	1.3609	1.3609	0.101466	0.390716	-2.5594	2.26263	9.84281	3.86681	1
cg12068916	MTMR7	0.132079	0.279408	2.06342	2.06342	0.0399995	4.61347	4.61347	0.0349767	4.86827	4.86827	0.346553	1.8671	1.8671	0.134048	2.83159	2.83159	0.146994	2.72516	2.72516	0.0299387	5.18201	5.18201	0.0639587	3.82347	3.82347	0.202043	2.3814	2.3814	2.26262	14.8688	5.84131	1
cg13982220	NCOR2;NCOR2	0.132082	0.655432	0.915604	-1.09218	0.163986	1.33851	1.33851	0.122727	1.38862	1.38862	0.0976779	1.42866	1.42866	0.348986	0.827556	-1.20838	0.191212	1.31215	1.31215	0.548462	1.1266	1.1266	0.0133943	1.82445	1.82445	0.243112	1.27098	1.27098	2.2626	1.38105	0.542561	1
cg18074834	ZYX;ZYX	0.132082	0.160584	0.635406	-1.5738	0.824567	1.06948	1.06948	0.970374	0.988827	-1.0113	0.103863	0.583876	-1.71269	0.0126977	0.39177	-2.55252	0.0879497	0.565663	-1.76784	0.0581196	0.523114	-1.91163	0.90453	0.964348	-1.03697	0.261552	0.701708	-1.42509	2.2626	3.2803	1.28871	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20528837	EXOSC7;EXOSC7	0.132084	0.890249	0.957814	-1.04404	0.0619184	0.518776	-1.92761	0.289979	0.709739	-1.40897	0.292765	0.711246	-1.40598	0.0136314	0.385722	-2.59254	0.506564	1.23415	1.23415	0.287892	1.41122	1.41122	0.868542	1.05307	1.05307	0.175432	0.637748	-1.56802	2.26258	3.49234	1.37202	1
cg14584407	FAM163B	0.132085	0.403973	0.572725	-1.74604	0.886632	0.911099	-1.09758	0.747974	0.810255	-1.23418	0.521687	0.654509	-1.52786	0.00849539	0.111649	-8.95661	0.645291	0.73896	-1.35325	0.01906	0.156903	-6.37337	0.14339	0.358345	-2.79061	0.431953	0.592472	-1.68784	2.26258	15.2642	5.99678	1
cg07005078	LAP3	0.132086	?	?	?	0.390697	0.668535	-1.49581	0.353904	1.54755	1.54755	0.00809748	0.211735	-4.72289	0.36546	0.653298	-1.53069	0.311177	0.618958	-1.61562	0.996961	0.998258	-1.00175	0.636225	0.804019	-1.24375	0.268615	1.69472	1.69472	2.28293	6.73663	2.95087	1
cg09470010	GBF1	0.132087	0.846967	1.12199	1.12199	0.0393261	4.13842	4.13842	0.020936	5.23405	5.23405	0.246389	2.05882	2.05882	0.159182	0.408073	-2.45054	0.797985	1.16509	1.16509	0.158372	2.45541	2.45541	0.801225	1.16216	1.16216	0.711158	0.801254	-1.24804	2.26256	12.7167	4.996	1
cg12803068	MYO1G	0.132088	0.0285385	5.87453	5.87453	0.0713421	3.97518	3.97518	0.265512	2.21464	2.21464	0.23031	2.36876	2.36876	0.356672	0.522252	-1.91478	0.522979	0.64172	-1.55831	0.364836	1.89278	1.89278	0.248281	2.2865	2.2865	0.0445829	4.85651	4.85651	2.26255	16.8254	6.61018	1
cg26694713	REST	0.132088	0.780776	1.17612	1.17612	0.00865587	0.142851	-7.00033	0.616438	1.3413	1.3413	0.904151	0.932353	-1.07256	0.177248	0.434387	-2.30209	0.410959	0.613332	-1.63044	0.0423033	0.256688	-3.89578	0.657538	0.771504	-1.29617	0.660034	1.29352	1.29352	2.26255	12.1141	4.75929	1
cg03493361	PSMA6	0.132094	0.324792	1.33765	1.33765	0.255918	0.712264	-1.40397	0.255103	0.711813	-1.40486	0.0630784	1.81876	1.81876	0.943068	0.979774	-1.02064	0.0271099	0.473086	-2.11378	0.298653	0.73476	-1.36099	0.222353	0.692872	-1.44327	0.364877	0.766148	-1.30523	2.2625	2.93312	1.15236	1
cg08894594	INADL	0.132095	0.0805648	1.61583	1.61583	0.784683	0.93444	-1.07016	0.00885622	2.28167	2.28167	0.478601	1.19525	1.19525	0.785435	1.0699	1.0699	0.127569	1.5037	1.5037	0.196731	1.40203	1.40203	0.352914	0.789257	-1.26701	0.702407	1.09971	1.09971	2.2625	2.19656	0.862983	1
cg15246511	APOB	0.132102	0.611165	1.12895	1.12895	0.896591	1.03124	1.03124	0.661685	1.10978	1.10978	0.262468	1.31835	1.31835	0.840418	1.04885	1.04885	0.223433	1.35335	1.35335	0.00312264	2.60141	2.60141	0.658801	0.900217	-1.11084	0.323172	1.27302	1.27302	2.26244	2.00506	0.787769	1
cg03497419	EPM2AIP1;MLH1;MLH1;MLH1;MLH1;EPM2AIP1	0.132102	0.71591	0.92742	-1.07826	0.438395	1.17697	1.17697	0.0243045	0.574968	-1.73923	0.251185	1.28038	1.28038	0.772827	0.942074	-1.06149	0.131373	1.39903	1.39903	0.0740136	0.663336	-1.50753	0.994451	1.00143	1.00143	0.227866	0.770321	-1.29816	2.26244	1.52286	0.598316	1
cg00734683	PARP3;PARP3	0.132108	0.0600474	0.393446	-2.54164	0.0939355	0.44491	-2.24765	0.117244	0.473213	-2.11321	0.0452404	0.364168	-2.74599	0.023208	0.303234	-3.29778	0.0624783	0.397739	-2.51421	0.334198	0.645344	-1.54956	0.274776	0.606732	-1.64817	0.214268	0.562729	-1.77705	2.26239	6.92847	2.72218	1
cg07040396	ZNF516	0.132111	0.557182	0.733593	-1.36315	0.330356	0.592069	-1.68899	0.890428	0.9306	-1.07458	0.75584	0.849794	-1.17676	0.00648765	0.157807	-6.33685	0.164238	0.460957	-2.1694	0.865961	0.915621	-1.09215	0.81316	1.1315	1.1315	0.0370339	0.282637	-3.5381	2.26237	9.75629	3.83326	1
cg19932974	HADH;HADH	0.132111	0.189569	2.49422	2.49422	0.409295	1.72973	1.72973	0.31725	1.96193	1.96193	0.634788	1.3621	1.3621	0.0289379	0.171203	-5.84102	0.682488	1.304	1.304	0.0549645	0.230172	-4.34457	0.492338	1.57091	1.57091	0.295484	2.02995	2.02995	2.56393	16.044	4.1717	1
cg13140721	NIT2	0.132111	0.507048	0.891358	-1.12188	0.268188	1.21782	1.21782	0.0388261	1.5049	1.5049	0.151615	0.769131	-1.30017	0.726614	0.941788	-1.06181	0.319542	0.838822	-1.19215	0.115726	0.746663	-1.33929	0.133676	1.31836	1.31836	0.428684	1.14803	1.14803	2.26236	1.04604	0.410991	1
cg18945794	RGS12;RGS12	0.132113	0.192263	0.812985	-1.23004	0.106125	1.30309	1.30309	0.132942	0.784121	-1.27531	0.828941	1.03299	1.03299	0.28832	0.847587	-1.17982	0.626156	0.929001	-1.07643	0.0280068	1.47608	1.47608	0.820672	0.966514	-1.03465	0.258905	0.838034	-1.19327	2.26235	0.806307	0.316802	1
cg26691175	URB2;TAF5L;TAF5L	0.132114	0.137001	1.17403	1.17403	0.0135777	1.35786	1.35786	0.14578	1.16933	1.16933	0.974712	1.00318	1.00318	0.15652	1.16393	1.16393	0.885601	1.01452	1.01452	0.452205	1.07973	1.07973	0.101106	1.19702	1.19702	0.0349669	1.27907	1.27907	2.26234	0.359477	0.141241	1
cg27530370	ADAR	0.132115	0.0690963	0.355895	-2.80982	0.0721365	0.360781	-2.77177	0.307682	0.584882	-1.70975	0.581895	0.75392	-1.3264	0.0160584	0.223864	-4.467	0.180232	0.485383	-2.06023	0.0492565	0.319822	-3.12674	0.797902	1.13921	1.13921	0.226541	0.524688	-1.90589	2.26234	9.24414	3.63209	1
cg10060065	ACCN1	0.132119	0.098153	1.52324	1.52324	0.136019	1.4516	1.4516	0.155686	0.703002	-1.42247	0.121295	1.47654	1.47654	0.461851	1.18978	1.18978	0.0347399	1.77002	1.77002	0.5834	0.879427	-1.1371	0.3502	0.800057	-1.24991	0.74184	1.0797	1.0797	2.2623	1.92822	0.757624	1
cg09611363	SDAD1	0.132122	0.885619	1.04397	1.04397	0.191893	1.51141	1.51141	0.0508527	1.94472	1.94472	0.935059	0.975929	-1.02466	0.83687	1.06358	1.06358	0.281588	0.715637	-1.39736	0.0552855	0.522255	-1.91477	0.939319	1.02302	1.02302	0.0617921	0.533165	-1.87559	2.26228	3.20292	1.25848	1
cg14615195	MYT1L	0.132123	0.0609975	0.257134	-3.88902	0.180098	2.49834	2.49834	0.506221	1.54313	1.54313	0.976402	0.981155	-1.01921	0.150455	0.371075	-2.69487	0.559484	0.684139	-1.46169	0.036032	0.208354	-4.79953	0.0795315	0.285995	-3.49657	0.336395	0.528591	-1.89182	2.26228	14.8229	5.8242	1
cg14219124	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.132123	0.116391	0.401441	-2.49102	0.0736919	0.344187	-2.90539	0.0207689	0.225593	-4.43275	0.841074	0.898167	-1.11338	0.125206	0.411569	-2.42973	0.128382	0.415114	-2.40898	0.0495982	0.301705	-3.31449	0.957544	1.02889	1.02889	0.131953	0.41904	-2.38641	2.26227	10.2529	4.02857	1
cg13160799	SPTBN4	0.132124	0.0409249	0.427335	-2.34009	0.678467	1.16208	1.16208	0.527959	1.25912	1.25912	0.85201	0.934921	-1.06961	0.17616	0.595586	-1.67902	0.271436	1.51065	1.51065	0.027542	0.390976	-2.5577	0.124205	0.548891	-1.82185	0.879888	1.056	1.056	2.26227	4.65209	1.8279	1
cg23098012	HIST2H2AB;HIST2H2BE	0.132128	0.546637	1.09633	1.09633	0.0801912	0.746307	-1.33993	0.176986	0.805459	-1.24153	0.520515	1.10317	1.10317	0.677727	1.06503	1.06503	0.906078	1.01795	1.01795	0.0173482	0.646091	-1.54777	0.999931	1.00001	1.00001	0.143219	1.26765	1.26765	2.26224	0.814295	0.319957	1
cg19158549	PRDM16;PRDM16	0.132128	0.72026	0.921433	-1.08527	0.00807166	2.16419	2.16419	0.281736	1.28988	1.28988	0.36474	0.809027	-1.23605	0.17429	1.38936	1.38936	0.588411	0.883097	-1.13238	0.10695	1.49249	1.49249	0.73913	1.07901	1.07901	0.99662	0.999036	-1.00096	2.26223	1.8551	0.728914	1
cg08782899	ARL16;HGS	0.13213	0.042928	0.341132	-2.93142	0.226531	0.556454	-1.79709	0.194029	0.530295	-1.88574	0.86507	1.08167	1.08167	0.721775	0.847846	-1.17946	0.578145	0.771573	-1.29605	0.00969408	0.220761	-4.52978	0.437791	1.44105	1.44105	0.264629	0.584664	-1.71038	2.26222	7.63515	3.00006	1
cg16248432	DIP2B	0.132132	0.11272	1.88482	1.88482	0.0954577	1.95897	1.95897	0.118464	0.536751	-1.86306	0.0368466	2.43545	2.43545	0.954578	1.02113	1.02113	0.309498	1.47122	1.47122	0.17981	1.68706	1.68706	0.0945523	1.96329	1.96329	0.718765	1.14197	1.14197	2.2622	4.82857	1.89729	1
cg21155609	FAM167B	0.132137	0.624159	0.737595	-1.35576	0.751779	1.21601	1.21601	0.733833	1.23412	1.23412	0.119047	0.352496	-2.83691	0.0542436	0.260181	-3.84348	0.0514881	0.255041	-3.92094	0.377061	0.571977	-1.74832	0.054887	0.261358	-3.82617	0.0363616	0.223238	-4.47953	2.26216	13.6099	5.34786	1
cg07341141	ALKBH4	0.132137	0.843983	1.10884	1.10884	0.0418143	3.4217	3.4217	0.194267	2.05455	2.05455	0.316863	0.581263	-1.72039	0.0416701	0.291923	-3.42556	0.24288	0.526878	-1.89797	0.353362	1.64989	1.64989	0.567718	1.35369	1.35369	0.502884	0.700118	-1.42833	2.26216	9.85004	3.87045	1
cg10976778	CANT1;CANT1;CANT1	0.132138	0.812882	1.05259	1.05259	0.12751	0.700344	-1.42787	0.896548	0.972275	-1.02852	0.169694	1.37185	1.37185	0.189959	1.34992	1.34992	0.12182	1.4369	1.4369	0.024022	1.78932	1.78932	0.0825139	1.51538	1.51538	0.658754	1.10083	1.10083	2.26216	1.67376	0.657684	1
cg10091891	RAB28;RAB28;RAB28	0.132138	0.0665784	0.58586	-1.70689	0.987136	1.0042	1.0042	0.0500561	0.559476	-1.78739	0.1673	0.682075	-1.46611	0.016634	0.467637	-2.13841	0.761	0.923768	-1.08252	0.917819	1.02719	1.02719	0.632986	0.882456	-1.1332	0.0689226	0.589151	-1.69736	2.26216	2.42043	0.951078	1
cg27601695	EPB49;EPB49;EPB49	0.132138	0.237506	0.771209	-1.29667	0.45368	1.1738	1.1738	0.493378	0.864127	-1.15724	0.0750815	0.659589	-1.5161	0.94032	1.01584	1.01584	0.122546	0.703773	-1.42091	0.0771431	1.51072	1.51072	0.0738811	1.5193	1.5193	0.727117	0.929088	-1.07632	2.26215	1.57913	0.620504	1
cg18117297	SPTBN4;SPTBN4	0.132138	0.350189	0.833975	-1.19908	0.0460727	1.53967	1.53967	0.176113	1.312	1.312	0.406404	1.17393	1.17393	0.648992	1.09037	1.09037	0.0430702	1.55188	1.55188	0.152322	0.748653	-1.33573	0.603457	0.905798	-1.104	0.412678	0.853741	-1.17131	2.26215	1.27708	0.501814	1
cg13745279	C11orf52	0.132141	0.0537427	0.517131	-1.93375	0.67189	1.13687	1.13687	0.192455	0.660104	-1.51491	0.591139	0.849357	-1.17736	0.0162182	0.412585	-2.42374	0.18015	0.651449	-1.53504	0.131399	0.612399	-1.63292	0.182407	0.653066	-1.53124	0.063209	0.533072	-1.87592	2.26213	3.2479	1.27624	1
cg09624910	NIPA2;NIPA2;NIPA2;NIPA2	0.132142	0.482552	0.879453	-1.13707	0.0202445	1.65517	1.65517	0.0267284	1.60394	1.60394	0.51532	0.888043	-1.12607	0.321999	0.831817	-1.20219	0.733507	0.940345	-1.06344	0.404015	1.16613	1.16613	0.913493	1.01975	1.01975	0.653976	0.922002	-1.0846	2.26212	1.16062	0.456061	1
cg05026840	SCARF1;SCARF1;SCARF1;SCARF1;SCARF1	0.132151	0.763695	1.20763	1.20763	0.0292228	0.200373	-4.9907	0.902544	1.07966	1.07966	0.439413	1.63792	1.63792	0.346343	0.545092	-1.83455	0.852262	0.889894	-1.12373	0.011986	0.140679	-7.10839	0.494856	0.648098	-1.54298	0.190703	0.420213	-2.37975	2.26205	14.0265	5.51182	1
cg15353389	CCDC64	0.132151	0.965299	1.01029	1.01029	0.495117	1.17701	1.17701	0.101403	1.52498	1.52498	0.81746	0.947057	-1.0559	0.712706	0.916662	-1.09091	0.939637	0.982339	-1.01798	0.00682987	0.438492	-2.28054	0.307162	0.779795	-1.28239	0.652754	1.11245	1.11245	2.26205	1.98317	0.779299	1
cg24558132	PSMG1;PSMG1;PSMG1;PSMG1	0.132151	0.0731646	2.99531	2.99531	0.377575	1.61901	1.61901	0.525793	1.40576	1.40576	?	?	?	0.517966	1.41522	1.41522	0.216164	2.01194	2.01194	0.0219622	0.211737	-4.72283	0.561177	0.732693	-1.36483	0.803267	0.876601	-1.14077	2.58117	9.62058	2.79542	1
cg26925450	SNORD115-19;SNORD115-17;SNORD115-18	0.132153	0.0247627	0.172616	-5.7932	0.958968	1.03439	1.03439	0.698972	0.774613	-1.29097	0.352157	0.532979	-1.87625	0.0290641	0.184375	-5.42372	0.308024	0.49984	-2.00064	0.945092	1.04631	1.04631	0.293309	0.488471	-2.04721	0.0246704	0.17235	-5.80213	2.26204	15.4749	6.08103	1
cg01310784	DCAKD	0.132154	0.0149203	0.139592	-7.16371	0.658103	0.746071	-1.34036	0.11551	0.324526	-3.08142	0.395125	0.563922	-1.7733	0.0749345	0.271296	-3.68602	0.0593529	0.246588	-4.05534	0.227797	0.434878	-2.2995	0.800809	1.18091	1.18091	0.0811115	0.280276	-3.56792	2.26203	15.499	6.09047	1
cg00170714	MLX;MLX;PSMC3IP;PSMC3IP;MLX	0.132154	0.0357673	0.276655	-3.61461	0.400376	1.57262	1.57262	0.167997	0.461725	-2.16579	0.716061	0.825207	-1.21182	0.0324375	0.26794	-3.73218	0.179184	2.118	2.118	0.305706	0.57247	-1.74682	0.697745	0.814435	-1.22785	0.245772	0.528103	-1.89357	2.26203	9.90994	3.89422	1
cg03849754	EPRS	0.132155	0.0350343	1.96971	1.96971	0.113911	1.60751	1.60751	0.0625334	1.78341	1.78341	0.16895	1.49858	1.49858	0.604221	0.865605	-1.15526	0.213968	1.43497	1.43497	0.161802	0.662106	-1.51033	0.950895	0.983146	-1.01714	0.338085	1.31332	1.31332	2.26202	2.7291	1.07243	1
cg27111890	UBASH3A;UBASH3A	0.132159	0.610982	0.879223	-1.13737	0.0108292	2.23219	2.23219	0.388184	1.24846	1.24846	0.573238	1.15351	1.15351	0.240301	1.36135	1.36135	0.0907988	1.59597	1.59597	0.507501	1.18377	1.18377	0.268521	0.748889	-1.33531	0.394672	0.803528	-1.24451	2.26199	2.25542	0.886308	1
cg03518202	ZSWIM5	0.13216	0.150449	0.33778	-2.96051	0.108034	0.290901	-3.4376	0.869126	0.890366	-1.12313	0.543129	0.648279	-1.54255	0.040469	0.188929	-5.29299	0.129993	0.316087	-3.16368	0.0122248	0.110997	-9.00926	0.13285	0.319208	-3.13275	0.191162	0.377345	-2.6501	2.26198	17.7646	6.98095	1
cg24443885	ZNF227	0.132163	0.271729	0.774062	-1.29189	0.0159776	1.93539	1.93539	0.344838	1.24333	1.24333	0.542508	1.14797	1.14797	0.337347	0.801389	-1.24783	0.73459	1.07915	1.07915	0.0581158	0.619161	-1.61509	0.69101	1.09355	1.09355	0.710206	1.08714	1.08714	2.26196	1.79499	0.705381	1
cg14892538	PGCP	0.132167	0.0336848	16.1382	16.1382	0.443607	2.40068	2.40068	0.0653334	10.1714	10.1714	0.126386	6.38529	6.38529	0.217979	0.233874	-4.2758	0.180487	4.92575	4.92575	0.759465	0.708696	-1.41104	0.0687979	9.81099	9.81099	0.828291	1.27576	1.27576	2.26193	45.0338	17.6973	1
cg17861836	C17orf56	0.132168	0.12379	0.278009	-3.597	0.958541	0.960863	-1.04073	0.500773	0.591661	-1.69016	0.109929	0.262328	-3.81202	0.0200786	0.116011	-8.61988	0.0674336	0.20728	-4.82439	0.0780196	0.222279	-4.49885	0.0955593	0.245087	-4.08018	0.0825977	0.228452	-4.37728	2.26191	21.1282	8.30297	1
cg17446654	DIXDC1;DIXDC1;DIXDC1	0.132172	0.0461544	0.495048	-2.02	0.546879	0.828935	-1.20637	0.637575	0.864136	-1.15723	0.231374	1.47155	1.47155	0.154488	0.625618	-1.59842	0.0158961	0.403012	-2.48132	0.58935	1.18258	1.18258	0.611245	1.17087	1.17087	0.65134	0.869363	-1.15027	2.26189	3.3925	1.3332	1
cg17935422	FAM193A	0.132175	0.821751	1.17931	1.17931	0.293705	2.21682	2.21682	0.13031	3.30117	3.30117	0.468327	1.71482	1.71482	0.042534	0.181411	-5.51234	0.236914	0.404258	-2.47367	0.0448276	0.185788	-5.38248	0.905147	0.916559	-1.09104	0.316099	0.46881	-2.13306	2.26186	19.1367	7.52053	1
cg22716773	CAPS2;CAPS2	0.132178	0.967446	1.00753	1.00753	0.195676	1.28582	1.28582	0.0334704	1.57842	1.57842	0.770584	0.9477	-1.05519	0.49616	1.13535	1.13535	0.0221512	0.604175	-1.65515	0.647047	1.08838	1.08838	0.874116	0.971293	-1.02956	0.266019	1.23728	1.23728	2.26184	1.20894	0.475107	1
cg06367736	RC3H1	0.13218	0.0156576	0.646447	-1.54692	0.179463	1.23362	1.23362	0.130035	1.27227	1.27227	0.335831	0.864043	-1.15735	0.234206	0.832249	-1.20156	0.719792	0.948339	-1.05448	0.340354	1.15568	1.15568	0.931625	1.01272	1.01272	0.705489	1.0575	1.0575	2.26182	0.776691	0.305237	1
cg01171360	DUSP22	0.132182	0.532102	1.3734	1.3734	0.133065	0.443754	-2.2535	0.689149	0.817428	-1.22335	0.767424	0.861836	-1.16031	0.190819	0.499334	-2.00267	0.0240977	0.259597	-3.85213	0.0164722	0.230108	-4.34579	0.571821	0.750934	-1.33167	0.153489	0.464763	-2.15163	2.26181	9.00418	3.53864	1
cg18185648	ABCA4	0.132184	0.376766	1.36976	1.36976	0.895154	0.955292	-1.0468	0.0478452	2.19201	2.19201	0.367523	1.37865	1.37865	0.845418	0.934529	-1.07006	0.0310188	0.41548	-2.40685	0.238042	0.651334	-1.53531	0.213116	0.634553	-1.57591	0.409375	1.34003	1.34003	2.26179	4.31065	1.69409	1
cg21830962	UQCRC2	0.132192	0.310325	0.847568	-1.17985	0.264558	1.20105	1.20105	0.0571835	1.40352	1.40352	0.378712	0.86738	-1.1529	0.0269421	0.661822	-1.51098	0.844223	1.03148	1.03148	0.226878	0.81883	-1.22126	0.354528	1.1619	1.1619	0.897242	0.97985	-1.02056	2.26173	0.889045	0.349406	1
cg24685587	SPEG	0.132195	0.830501	0.938031	-1.06606	0.0965415	1.72373	1.72373	0.0299081	0.466547	-2.14341	0.64774	0.871722	-1.14715	0.652309	1.14494	1.14494	0.916808	0.9693	-1.03167	0.389093	1.30135	1.30135	0.63763	0.867981	-1.1521	0.0307359	0.468926	-2.13253	2.2617	3.19014	1.25378	1
cg25733915	PLEKHH3	0.132198	0.573682	1.08165	1.08165	0.0384866	1.39239	1.39239	0.514624	0.912805	-1.09552	0.463643	1.10848	1.10848	0.569801	0.923761	-1.08253	0.136705	0.801443	-1.24775	0.215298	0.835211	-1.1973	0.449345	1.1123	1.1123	0.0442595	1.37579	1.37579	2.26168	0.682764	0.26834	1
cg03556497	SLC32A1	0.132205	0.0146949	0.702623	-1.42324	0.675633	0.951751	-1.05069	0.7129	0.957499	-1.04439	0.551672	0.931678	-1.07333	0.883664	1.01735	1.01735	0.658256	0.949034	-1.0537	0.707742	1.04525	1.04525	0.0327813	1.3411	1.3411	0.343187	1.1216	1.1216	2.26163	0.494638	0.194408	1
cg03214765	C19orf51	0.132205	0.953483	1.01825	1.01825	0.750232	0.905733	-1.10408	0.00450383	3.23425	3.23425	0.886749	1.04517	1.04517	0.300892	1.3942	1.3942	0.367157	1.33269	1.33269	0.319074	0.72671	-1.37606	0.653717	1.15026	1.15026	0.473271	0.797613	-1.25374	2.26163	3.4426	1.35305	1
cg26221029	ARHGEF10	0.132205	0.314509	1.30118	1.30118	0.151901	0.678044	-1.47483	0.0331718	0.532445	-1.87813	0.176747	0.695271	-1.43829	0.596939	0.873648	-1.14463	0.108227	0.641761	-1.55821	0.830916	0.947315	-1.05561	0.124881	1.52269	1.52269	0.208679	0.71501	-1.39858	2.26162	2.29477	0.901916	1
cg17278655	GABARAP	0.132206	0.518539	0.698428	-1.43179	0.726024	0.824774	-1.21245	0.42499	1.56406	1.56406	0.94234	1.04038	1.04038	0.644503	0.775277	-1.28986	0.987146	1.00885	1.00885	0.00340541	0.101202	-9.88119	0.923518	0.948805	-1.05396	0.411527	0.630598	-1.5858	2.38659	11.0815	3.6114	1
cg20848216	PSMB8;PSMB8	0.132208	0.99644	1.00081	1.00081	0.385521	0.851183	-1.17484	0.433323	0.865186	-1.15582	0.235045	1.25284	1.25284	0.846636	0.965537	-1.03569	0.801035	0.955295	-1.0468	0.00437495	0.501893	-1.99246	0.271251	0.812659	-1.23053	0.802131	1.04653	1.04653	2.2616	1.17497	0.461803	1
cg04977951	SETD3;CCNK;CCNK;CCNK;SETD3;CCNK	0.132208	0.185013	2.28967	2.28967	0.760643	0.835219	-1.19729	0.203869	0.453722	-2.20399	0.257384	2.00684	2.00684	0.083254	0.323023	-3.09575	0.643023	1.3166	1.3166	0.402214	1.65736	1.65736	?	?	?	0.0354039	4.23571	4.23571	2.28194	11.1567	4.88913	1
cg12862820	SEMA3A	0.132211	0.658652	0.895564	-1.11662	0.0569143	0.58593	-1.70669	0.0235319	0.51116	-1.95633	0.50493	0.845477	-1.18276	0.345399	1.27264	1.27264	0.980995	1.00593	1.00593	0.123241	1.51323	1.51323	0.792275	0.936615	-1.06767	0.162783	0.69097	-1.44724	2.26158	2.2047	0.866532	1
cg22994191	PUS7	0.132212	0.135932	1.30492	1.30492	0.715042	0.941076	-1.06261	0.027719	0.649856	-1.5388	0.229769	1.23209	1.23209	0.742031	1.05623	1.05623	0.250347	0.819586	-1.22013	0.0673477	1.40429	1.40429	0.487491	1.12394	1.12394	0.869807	0.973196	-1.02754	2.26158	0.982619	0.386208	1
cg13086586	PAICS;PAICS;PAICS;PPAT	0.132212	0.137397	0.872009	-1.14678	0.0126197	0.766853	-1.30403	0.309931	0.913987	-1.09411	0.830182	0.981783	-1.01855	0.227484	0.897225	-1.11455	0.0858012	0.849996	-1.17648	0.801723	1.02177	1.02177	0.0433306	0.819607	-1.2201	0.894317	1.01144	1.01144	2.26157	0.26245	0.103154	1
cg10233654	DUSP6;DUSP6	0.132213	0.416368	0.730868	-1.36824	0.173832	0.579194	-1.72654	0.0720217	0.468629	-2.13388	0.728961	0.87696	-1.1403	0.401542	0.7232	-1.38274	0.219182	1.6286	1.6286	0.014122	0.318794	-3.13682	0.0993371	0.505675	-1.97756	0.969409	0.98563	-1.01458	2.26156	5.1027	2.00557	1
cg05382797	ZNRD1;ZNRD1;NCRNA00171	0.132213	0.950011	1.03628	1.03628	0.0156095	5.39397	5.39397	0.0477841	3.62006	3.62006	0.179147	2.25057	2.25057	0.922525	1.05685	1.05685	0.208754	0.470842	-2.12386	0.780706	1.17192	1.17192	0.601954	0.741454	-1.3487	0.250254	1.97972	1.97972	2.26156	11.5736	4.54889	1
cg12879242	KCNN2	0.132213	0.935909	1.01348	1.01348	0.109715	0.747983	-1.33693	0.133297	0.763619	-1.30955	0.189865	1.26015	1.26015	0.40083	0.866574	-1.15397	0.288453	1.20143	1.20143	0.0184816	0.62137	-1.60935	0.267729	0.825091	-1.21199	0.581382	0.911433	-1.09717	2.26156	0.993308	0.390412	1
cg00370022	CYP1A1	0.132214	0.0538158	0.233903	-4.27527	0.0249211	0.170161	-5.8768	0.183457	0.391987	-2.55111	0.133236	0.341354	-2.92951	0.641272	0.732439	-1.3653	0.874471	0.900403	-1.11061	0.0929022	0.293234	-3.41024	0.0395816	0.206089	-4.85228	0.112365	0.317578	-3.14883	2.26156	15.7722	6.19916	1
cg17146640	CELSR1	0.132216	0.530227	1.49151	1.49151	0.838549	0.880079	-1.13626	0.119031	2.97779	2.97779	0.0338442	0.193289	-5.1736	0.53723	0.675184	-1.48108	?	?	?	0.11944	2.97337	2.97337	?	?	?	0.370803	0.559522	-1.78724	2.60225	11.9577	3.93869	1
cg09641127	KLF11	0.132216	0.97479	1.0189	1.0189	0.0817395	3.13642	3.13642	0.233669	2.0957	2.0957	0.266135	0.503283	-1.98695	0.0613328	0.286729	-3.48761	0.357337	0.570673	-1.75232	0.0819068	0.319077	-3.13404	0.823838	0.876238	-1.14124	0.124359	0.373072	-2.68045	2.26154	12.5768	4.94327	1
cg08161732	WWP1	0.132219	0.0316314	1.7475	1.7475	0.890598	1.03096	1.03096	0.307538	1.26363	1.26363	0.0286952	1.7712	1.7712	0.545645	1.14509	1.14509	0.805065	1.05631	1.05631	0.377468	0.81823	-1.22215	0.668394	1.10016	1.10016	0.0319404	1.74515	1.74515	2.26152	1.75766	0.690848	1
cg19152809	WDR27	0.132219	0.136513	1.43334	1.43334	0.00745357	0.46148	-2.16694	0.854531	1.04205	1.04205	0.875568	1.03579	1.03579	0.416765	1.20473	1.20473	0.365734	1.2319	1.2319	0.982939	1.00481	1.00481	0.645677	0.901316	-1.10949	0.328854	0.797583	-1.25379	2.26151	1.80401	0.709066	1
cg07655457	HN1L	0.132226	0.0377181	3.82602	3.82602	0.397374	1.62005	1.62005	0.363621	1.68167	1.68167	0.52845	0.70078	-1.42698	0.0720562	0.326991	-3.05819	0.0429108	3.65903	3.65903	0.666451	0.78551	-1.27306	0.771388	1.1761	1.1761	0.3697	1.6701	1.6701	2.26146	11.1015	4.36355	1
cg21832150	PLEKHN1;PLEKHN1	0.132226	0.801191	1.14559	1.14559	0.719701	1.21425	1.21425	0.0840153	2.80081	2.80081	0.488762	1.46061	1.46061	0.026379	4.13099	4.13099	0.753803	1.1847	1.1847	0.0473632	3.39448	3.39448	0.907172	0.939095	-1.06486	0.0225134	4.3584	4.3584	2.26146	10.3939	4.0854	1
cg18821633	NEUROD2	0.132228	0.310666	1.17538	1.17538	0.362757	1.155	1.155	0.710178	1.05919	1.05919	0.121602	0.772187	-1.29502	0.238312	0.826737	-1.20957	0.862404	1.02708	1.02708	0.0183073	0.643337	-1.55439	0.199451	0.811526	-1.23225	0.117493	0.769585	-1.2994	2.26145	0.84993	0.334075	1
cg00966659	CLEC12B;CLEC12B	0.132229	0.180829	0.765998	-1.30549	0.965951	0.992023	-1.00804	0.297869	0.816716	-1.22442	0.143574	0.74464	-1.34293	0.031288	0.622495	-1.60644	0.542368	1.12266	1.12266	0.917088	1.01973	1.01973	0.251288	1.25217	1.25217	0.0327915	0.625922	-1.59764	2.26144	1.2607	0.495537	1
cg00616624	MDS2	0.13223	0.0460376	1.50087	1.50087	0.00926511	1.79759	1.79759	0.418164	1.15827	1.15827	0.920405	1.01791	1.01791	0.470127	1.13939	1.13939	0.774098	1.05244	1.05244	0.318868	1.20076	1.20076	0.243168	0.805014	-1.24221	0.838698	0.964449	-1.03686	2.26143	1.12967	0.444035	1
cg00025663	NOL10	0.132233	0.0366584	0.122537	-8.16079	0.175696	0.287933	-3.47303	0.26717	0.368045	-2.71706	0.401836	2.09997	2.09997	0.482741	1.85306	1.85306	0.105744	0.216985	-4.60861	0.102301	0.213094	-4.69277	0.168684	0.281342	-3.5544	0.0624826	0.163183	-6.12809	2.26141	26.7782	10.5257	1
cg08700306	LRP3	0.132234	0.42547	0.695899	-1.43699	0.514603	0.744984	-1.34231	0.172809	1.90845	1.90845	0.372643	1.50341	1.50341	0.198408	0.545806	-1.83215	0.623022	0.801941	-1.24697	0.0117619	0.24616	-4.06239	0.102215	0.450795	-2.2183	0.626304	0.803638	-1.24434	2.26139	7.10763	2.79381	1
cg04899925	C12orf76	0.132235	0.960755	1.00778	1.00778	0.0742471	0.730975	-1.36804	0.0474189	1.42947	1.42947	0.237307	1.21537	1.21537	0.418758	1.13902	1.13902	0.186997	1.24651	1.24651	0.0444194	1.43864	1.43864	0.587877	1.09002	1.09002	0.195535	1.24069	1.24069	2.26139	0.888952	0.349421	1
cg08909914	SNTG1	0.132235	0.809585	0.8858	-1.12892	0.128768	0.438396	-2.28104	0.279547	0.568527	-1.75893	0.17541	2.06231	2.06231	0.3428	0.612046	-1.63386	0.850392	1.0995	1.0995	0.654407	0.797448	-1.254	0.013112	4.68994	4.68994	0.48258	1.43116	1.43116	2.26139	9.03736	3.55233	1
cg27369934	MDC1	0.132237	?	?	?	0.553519	1.79	1.79	0.05645	9.64821	9.64821	?	?	?	?	?	?	?	?	?	0.0593145	9.29846	9.29846	0.629202	0.624115	-1.60227	?	?	?	2.96333	17.7934	7.50564	1
cg18845375	ASB18	0.132238	0.751527	1.12533	1.12533	0.704647	0.868005	-1.15207	0.41307	0.732676	-1.36486	0.898341	0.9536	-1.04866	0.0160941	0.33461	-2.98855	0.515612	1.27767	1.27767	0.0303198	2.57653	2.57653	0.464056	1.31918	1.31918	0.747828	0.887004	-1.12739	2.26136	4.94857	1.94517	1
cg11446774	MCC	0.132239	0.09654	0.61625	-1.62272	0.344549	1.29476	1.29476	0.133913	1.53556	1.53556	0.904052	1.03251	1.03251	0.0336448	0.517703	-1.93161	0.25734	0.730778	-1.3684	0.250432	0.72713	-1.37527	0.356212	1.28632	1.28632	0.258545	0.731408	-1.36723	2.26136	2.52132	0.991072	1
cg21842959	TSSC1	0.132242	0.322427	0.517616	-1.93194	0.435054	0.598634	-1.67047	0.287962	0.49127	-2.03554	0.108927	0.324217	-3.08436	0.0419711	0.220909	-4.52675	0.6431	0.740351	-1.35071	0.00780549	0.110775	-9.02733	0.0918525	0.3025	-3.30579	0.443531	0.604524	-1.65419	2.26133	14.8658	5.84349	1
cg23206017	TMEM47	0.132242	0.0759187	0.281739	-3.54939	0.801628	0.850908	-1.17522	0.651041	0.746749	-1.33914	0.453504	0.612799	-1.63186	0.022336	0.172775	-5.78786	0.0495257	0.237589	-4.20895	0.0251284	0.181175	-5.51954	0.176022	0.397464	-2.51595	0.486986	0.635756	-1.57293	2.26133	14.7307	5.79039	1
cg04347356	STIL;STIL	0.132244	0.50679	0.819885	-1.21968	0.436578	0.791351	-1.26366	0.0834389	0.568373	-1.75941	0.412536	0.781119	-1.28021	0.0620982	0.538314	-1.85765	0.0930538	0.579961	-1.72425	0.010448	0.386558	-2.58694	0.766445	0.915919	-1.0918	0.0801905	0.564222	-1.77235	2.26132	3.11357	1.2239	1
cg15599483	SLC40A1	0.132244	0.909679	1.04513	1.04513	0.0301916	2.69493	2.69493	0.050235	2.38263	2.38263	0.973653	1.01293	1.01293	0.320837	0.67102	-1.49027	0.718877	1.15096	1.15096	0.0262221	2.78892	2.78892	0.853883	0.930804	-1.07434	0.950905	0.976335	-1.02424	2.26132	5.41816	2.12979	1
cg26378183	NUMB;NUMB;NUMB;NUMB	0.132245	0.51928	0.888348	-1.12568	0.526005	1.12349	1.12349	0.399998	1.16898	1.16898	0.74512	0.942602	-1.06089	0.346475	0.838879	-1.19207	0.355203	0.841683	-1.1881	0.00619419	0.523688	-1.90953	0.190635	0.777914	-1.28549	0.412711	1.16389	1.16389	2.26131	1.17614	0.462323	1
cg07439872	GPR101	0.132246	0.27533	0.316176	-3.16279	0.795287	1.30187	1.30187	0.924202	0.907963	-1.10137	0.109128	5.88614	5.88614	0.844997	1.21969	1.21969	0.0563009	0.111591	-8.96126	0.530956	0.525218	-1.90397	0.0209402	16.7586	16.7586	0.866612	1.18597	1.18597	2.2613	36.8674	14.4921	1
cg00474746	TRIM44	0.132247	0.740676	0.890638	-1.12279	0.146028	0.580299	-1.72325	0.897115	0.95589	-1.04615	0.33162	0.705188	-1.41806	0.0237977	0.39033	-2.56194	0.111952	0.54685	-1.82865	0.0945587	0.526873	-1.89799	0.098817	1.87971	1.87971	0.718747	0.881517	-1.13441	2.26129	4.35497	1.71189	1
cg06339396	CCDC135	0.132249	0.0903117	0.355409	-2.81366	0.76524	1.18054	1.18054	0.0258497	0.230739	-4.3339	0.671956	0.789723	-1.26627	0.0115079	0.173455	-5.76517	0.728168	0.824164	-1.21335	0.534339	0.705538	-1.41736	0.220804	0.489973	-2.04093	0.288773	0.543169	-1.84105	2.26128	11.0012	4.32447	1
cg16555194	PTPN3;PTPN3	0.132252	0.09142	5.24435	5.24435	0.151441	3.93639	3.93639	0.721129	1.37649	1.37649	0.353023	2.34422	2.34422	0.112993	4.65452	4.65452	0.124189	4.4113	4.4113	0.0250767	10.7597	10.7597	0.025289	10.7091	10.7091	0.0954981	5.11754	5.11754	2.26126	28.4633	11.1888	1
cg11494444	VIPR1	0.132253	0.86979	1.02743	1.02743	0.032483	1.51118	1.51118	0.093266	0.737467	-1.35599	0.497064	1.12045	1.12045	0.14103	0.770179	-1.2984	0.056728	1.42722	1.42722	0.88637	0.976691	-1.02386	0.886263	1.02389	1.02389	0.857113	0.97071	-1.03017	2.26124	0.97437	0.383022	1
cg13559099	TMEM179B;TAF6L	0.132254	0.526625	0.895491	-1.11671	0.218672	1.24932	1.24932	0.149823	1.30428	1.30428	0.429969	0.870565	-1.14868	0.170287	0.777806	-1.28567	0.769808	1.05178	1.05178	0.0132735	0.589797	-1.6955	0.474001	1.13347	1.13347	0.750486	1.05643	1.05643	2.26124	1.06017	0.416753	1
cg00159439	MAFF;MAFF;MAFF	0.132255	0.131647	0.465441	-2.1485	0.711307	1.19088	1.19088	0.820959	0.898957	-1.1124	0.1412	0.475407	-2.10346	0.0233306	0.279819	-3.57375	0.219106	0.544803	-1.83553	0.0164222	0.252084	-3.96693	0.277475	0.58817	-1.70019	0.258449	0.574593	-1.74036	2.26123	7.90837	3.10878	1
cg20098118	LOC100133957;UXT;LOC100133957;UXT	0.132262	0.262154	0.668045	-1.49691	0.730626	0.887592	-1.12664	0.266351	1.49119	1.49119	0.33298	0.708532	-1.41137	0.235029	0.650883	-1.53637	0.00624647	0.292411	-3.41984	0.961253	0.983378	-1.0169	0.720391	1.13202	1.13202	0.495504	1.2697	1.2697	2.26118	4.263	1.67582	1
cg22984439	SMARCC1	0.13227	0.160817	1.36387	1.36387	0.0811493	1.4927	1.4927	0.436024	1.17896	1.17896	0.588632	0.893042	-1.11977	0.137885	0.718207	-1.39236	0.287397	1.25715	1.25715	0.162618	0.734311	-1.36182	0.0664381	0.652824	-1.53181	0.803168	1.0531	1.0531	2.26112	1.53705	0.604244	1
cg15084433	SND1	0.132272	0.943664	1.03452	1.03452	0.103324	0.424986	-2.35302	0.441337	1.45802	1.45802	0.0819123	2.52397	2.52397	0.814379	1.11958	1.11958	0.0423843	0.325392	-3.07322	0.213354	0.532936	-1.8764	0.143595	0.470128	-2.12708	0.459843	1.43537	1.43537	2.2611	8.26025	3.24729	1
cg02267838	STIM2;STIM2;STIM2	0.132274	0.414603	1.34817	1.34817	0.0768453	0.483171	-2.06966	0.817423	1.08572	1.08572	0.322443	1.44419	1.44419	0.0481827	0.430172	-2.32465	0.893411	1.04881	1.04881	?	?	?	?	?	?	0.074303	0.479174	-2.08693	2.60163	3.85544	1.27023	1
cg07746263	TFAP4	0.132281	0.13016	1.39021	1.39021	0.0435271	1.59646	1.59646	0.0359347	1.63525	1.63525	0.236813	1.28376	1.28376	0.0607617	1.53117	1.53117	0.0585555	1.53828	1.53828	0.0646997	1.51917	1.51917	0.551097	1.12924	1.12924	0.853935	1.03784	1.03784	2.26102	1.45442	0.571784	1
cg11724942	ROR1;ROR1	0.132282	0.995363	0.997169	-1.00284	0.486732	0.708393	-1.41165	0.0203094	0.255417	-3.91517	0.164403	0.484936	-2.06213	0.0156573	0.235645	-4.24368	0.128943	0.449124	-2.22656	0.355372	0.628878	-1.59013	0.111302	0.429031	-2.33083	0.27127	0.571922	-1.74849	2.26102	8.52284	3.35064	1
cg05824218	RARA;RARA;RARA;RARA	0.132284	0.893586	1.09194	1.09194	0.0583825	0.245218	-4.07801	0.0604533	0.248734	-4.02036	0.859978	1.12304	1.12304	0.0685795	3.81823	3.81823	0.856906	1.12594	1.12594	0.659437	0.747173	-1.33838	0.270297	0.470315	-2.12624	0.137393	2.86195	2.86195	2.261	15.4663	6.0804	1
cg05246403	CILP2	0.132296	0.577358	1.35795	1.35795	0.114959	0.393916	-2.53861	0.105857	2.61186	2.61186	0.861232	1.09977	1.09977	0.618824	1.31339	1.31339	0.928657	0.952492	-1.04988	0.0189259	4.68723	4.68723	0.0838593	2.82854	2.82854	0.210227	2.04961	2.04961	2.26091	10.5782	4.15889	1
cg03688058	STEAP2;STEAP2	0.132298	0.210568	0.775886	-1.28885	0.984605	1.00372	1.00372	0.0104396	1.85916	1.85916	0.742194	1.06555	1.06555	0.957475	1.01031	1.01031	0.712703	1.07373	1.07373	0.308528	0.816507	-1.22473	0.102973	0.709564	-1.40932	0.457151	0.864466	-1.15678	2.26089	1.32469	0.520815	1
cg00306421	RIOK3	0.1323	0.451117	1.15176	1.15176	0.138896	1.34064	1.34064	0.0553027	1.49152	1.49152	0.718043	1.06901	1.06901	0.774934	1.05417	1.05417	0.936821	1.0147	1.0147	0.0233332	0.607288	-1.64666	0.29967	1.21872	1.21872	0.176932	1.30229	1.30229	2.26088	1.21265	0.476765	1
cg17200690	B3GALT4	0.132301	0.267134	1.4852	1.4852	0.0524387	2.12677	2.12677	0.404699	1.33871	1.33871	0.855958	1.06414	1.06414	0.194875	1.59863	1.59863	0.629405	1.18101	1.18101	0.0102594	3.02528	3.02528	0.0464107	2.18267	2.18267	0.915107	0.964174	-1.03716	2.26087	4.19176	1.64805	1
cg25285743	LMO3;LMO3	0.132301	0.847797	1.08615	1.08615	0.0308709	2.97481	2.97481	0.318515	1.55797	1.55797	0.0403389	2.76921	2.76921	0.609747	0.801399	-1.24782	0.0488654	2.63096	2.63096	0.417447	1.42814	1.42814	0.0630082	2.4582	2.4582	0.193283	1.80769	1.80769	2.26087	6.62268	2.60379	1
cg05672174	SLC36A2	0.132303	0.474056	0.661671	-1.51133	0.0079341	6.8966	6.8966	0.412408	1.6086	1.6086	0.666293	0.781846	-1.27902	0.485945	0.669251	-1.49421	0.455822	0.649969	-1.53854	0.141997	0.408403	-2.44856	0.510605	0.684871	-1.46013	0.62068	0.753543	-1.32707	2.26085	11.5209	4.5296	1
cg11728928	CCL3	0.132315	0.597272	0.7873	-1.27016	0.132878	0.483222	-2.06944	0.0185472	0.277873	-3.59877	0.935054	1.03723	1.03723	0.026002	0.305708	-3.2711	0.180354	0.528305	-1.89285	0.993879	1.00345	1.00345	0.0834477	0.423406	-2.3618	0.207888	0.551231	-1.81412	2.26076	7.20332	2.83221	1
cg26870192	SLC35D3	0.132318	0.268369	4.26779	4.26779	0.0312584	24.0691	24.0691	0.35861	3.28115	3.28115	0.357674	3.28918	3.28918	0.264589	0.231408	-4.32138	0.620468	0.533494	-1.87443	0.0457112	17.8744	17.8744	0.873345	1.22239	1.22239	0.0515421	16.2736	16.2736	2.26073	56.7271	22.3043	1
cg22450460	CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;RIOK1	0.13232	0.310589	1.1202	1.1202	0.00765909	1.44894	1.44894	0.559565	1.06592	1.06592	0.22772	1.14681	1.14681	0.128014	1.19484	1.19484	0.993826	0.999163	-1.00084	0.963866	1.00491	1.00491	0.719304	0.961708	-1.03982	0.0499925	1.27356	1.27356	2.26072	0.419071	0.164774	1
cg19006211	DPP10;DPP10	0.132322	0.877265	0.95639	-1.0456	0.0136421	2.41158	2.41158	0.0522549	1.89072	1.89072	0.934014	0.976392	-1.02418	0.0760715	1.76743	1.76743	0.52154	0.829074	-1.20616	0.215969	1.45601	1.45601	0.226436	1.44259	1.44259	0.473093	1.23434	1.23434	2.2607	2.98047	1.1719	1
cg10211788	BRD2	0.132322	0.628562	1.085	1.085	0.493478	1.12342	1.12342	0.148258	1.29631	1.29631	0.0938734	1.36109	1.36109	0.406246	1.15279	1.15279	0.226148	1.237	1.237	0.0244897	0.638611	-1.5659	0.42178	0.871682	-1.14721	0.228823	1.23534	1.23534	2.2607	1.00271	0.394257	1
cg25130920	DNAJB8	0.132324	0.655131	1.09863	1.09863	0.103718	0.689162	-1.45106	0.103641	0.689094	-1.45118	0.25339	1.28348	1.28348	0.463938	1.16879	1.16879	0.0428621	1.62849	1.62849	0.493291	1.1567	1.1567	0.347952	0.816941	-1.22408	0.198068	0.752298	-1.32926	2.26069	1.5674	0.616293	1
cg08323441	TNXB	0.132327	0.374504	0.837527	-1.19399	0.221969	0.779054	-1.28361	0.921721	0.981063	-1.0193	0.330526	0.822587	-1.21568	0.544443	0.887521	-1.12673	0.1853	1.3142	1.3142	0.0117859	1.84375	1.84375	0.246137	0.789841	-1.26608	0.940141	1.01472	1.01472	2.26066	1.3546	0.532627	1
cg23858197	TNXB	0.132329	0.0254821	0.413221	-2.42001	0.0651043	0.501872	-1.99254	0.0697818	0.509143	-1.96408	0.767614	1.10367	1.10367	0.0275994	0.420154	-2.38008	0.536988	0.812125	-1.23134	0.570911	0.826426	-1.21003	0.277253	0.686496	-1.45667	0.945584	1.02298	1.02298	2.26065	3.96746	1.56001	1
cg18022921	VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGFA;VEG	0.13233	0.392915	0.623369	-1.60419	0.00568751	0.141048	-7.08978	0.0871816	0.360635	-2.77289	0.623388	0.765466	-1.30639	0.417035	0.638974	-1.56501	0.177748	0.461437	-2.16714	0.214159	0.493486	-2.0264	0.182624	0.465914	-2.14632	0.635349	1.29429	1.29429	2.26064	10.4407	4.10531	1
cg25350872	LOC154822	0.132331	0.955356	1.02661	1.02661	0.940311	0.965477	-1.03576	0.666865	1.22528	1.22528	0.126417	2.17211	2.17211	0.0110476	0.224181	-4.46068	0.202849	1.87894	1.87894	0.379659	0.655204	-1.52624	0.950848	1.02934	1.02934	0.216217	0.543054	-1.84144	2.26064	7.88026	3.09854	1
cg00116838	RTN2;FLJ40125;RTN2	0.132331	0.402834	0.774911	-1.29047	0.271948	0.711328	-1.40582	0.0833201	0.564955	-1.77005	0.888476	1.04268	1.04268	0.180499	0.654701	-1.52742	0.385529	0.767219	-1.30341	0.0110259	0.386841	-2.58504	0.679724	1.13162	1.13162	0.0462542	0.506548	-1.97415	2.26063	3.17648	1.249	1
cg17726527	C15orf61	0.132332	0.482728	0.827377	-1.20864	0.734755	0.91363	-1.09453	0.91356	1.02926	1.02926	0.0734262	1.69928	1.69928	0.594194	1.15354	1.15354	0.0200671	2.10673	2.10673	0.0774748	0.593749	-1.68421	0.789009	1.07384	1.07384	0.269469	1.35725	1.35725	2.26063	2.52613	0.993286	1
cg10923475	FAM43A	0.132332	?	?	?	0.0803462	0.204487	-4.89028	0.579972	1.56948	1.56948	0.191296	0.325062	-3.07634	0.616788	0.665846	-1.50185	0.517317	1.69831	1.69831	0.089526	4.61941	4.61941	0.0647632	5.47778	5.47778	0.257183	2.60732	2.60732	2.40463	21.4809	7.8165	1
cg23653443	C21orf129;NCRNA00112	0.132336	0.203977	0.537449	-1.86064	0.404999	1.48381	1.48381	0.0698198	0.39101	-2.55748	0.0908832	0.422049	-2.36939	0.0178095	0.263355	-3.79716	0.0622301	0.378248	-2.64377	0.342461	0.635721	-1.57302	0.337005	0.632257	-1.58163	0.547522	0.754349	-1.32565	2.26059	7.67996	3.01984	1
cg06767025	SEC22B	0.132337	0.0341067	0.595669	-1.67878	0.78967	1.05761	1.05761	0.634344	1.1056	1.1056	0.449835	1.17507	1.17507	0.0240575	0.569051	-1.75731	0.468657	0.856868	-1.16704	0.749361	1.06946	1.06946	0.0908229	0.676851	-1.47743	0.208718	0.757568	-1.32001	2.26058	1.5715	0.617934	1
cg14596623	GPR155;GPR155	0.13234	0.381605	1.18358	1.18358	0.0573368	1.49753	1.49753	0.0761124	1.44873	1.44873	0.144261	1.34258	1.34258	0.51728	1.13123	1.13123	0.522823	1.12934	1.12934	0.113953	0.723989	-1.38124	0.0415972	1.55465	1.55465	0.280152	1.23474	1.23474	2.26056	1.26297	0.496618	1
cg23250157	SYNE2;SYNE2;SYNE2	0.132344	0.131298	0.557968	-1.79222	0.00689601	0.285763	-3.4994	0.821458	1.08432	1.08432	0.448869	0.758517	-1.31836	0.803718	0.914677	-1.09328	0.149485	0.574943	-1.7393	0.984364	1.00704	1.00704	0.245504	1.545	1.545	0.841305	0.930721	-1.07444	2.26053	4.59193	1.80564	1
cg21318019	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.132349	0.803927	0.949776	-1.05288	0.0285534	1.7078	1.7078	0.145525	0.723433	-1.3823	0.917174	1.02178	1.02178	0.663804	0.913386	-1.09483	0.960688	1.01026	1.01026	0.792906	1.05602	1.05602	0.169512	0.738487	-1.35412	0.0334645	0.597684	-1.67312	2.26049	1.53627	0.604105	1
cg25154432	ZFYVE16;ZFYVE16	0.132352	0.697196	1.05603	1.05603	0.57482	1.08222	1.08222	0.286573	1.16681	1.16681	0.340791	0.872097	-1.14666	0.293572	0.859085	-1.16403	0.133549	0.79804	-1.25307	0.480021	0.904756	-1.10527	0.582255	0.925472	-1.08053	0.0117323	1.551	1.551	2.26047	0.695787	0.273606	1
cg25519587	BAT3;BAT3;BAT3;BAT3;BAT3;BAT3;BAT3	0.132354	0.229723	1.27814	1.27814	0.828445	0.958621	-1.04316	0.548279	0.888434	-1.12558	0.0479922	1.553	1.553	0.666423	1.08812	1.08812	0.0471873	1.55618	1.55618	0.0546449	0.654103	-1.52881	0.739046	0.936974	-1.06727	0.652235	0.91545	-1.09236	2.26045	1.35754	0.53383	1
cg00630237	FES;FES;FES;FES	0.132357	0.260556	1.51912	1.51912	0.00820891	3.33674	3.33674	0.0652857	2.09034	2.09034	0.253568	1.52937	1.52937	0.839058	1.07515	1.07515	0.29594	1.47134	1.47134	0.121121	1.8201	1.8201	0.957949	0.981387	-1.01897	0.557964	0.809678	-1.23506	2.26043	4.54528	1.78739	1
cg05061132	VENTXP7	0.132359	0.727265	0.87369	-1.14457	0.907858	0.956331	-1.04566	0.576186	0.804302	-1.24331	0.0482182	0.418686	-2.38842	0.719577	1.14916	1.14916	0.541883	0.788107	-1.26886	0.0067952	0.258563	-3.86753	0.664044	1.18357	1.18357	0.154219	0.555328	-1.80074	2.26042	5.32429	2.09373	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01231165	ADAM17	0.132361	0.0451083	0.769408	-1.2997	0.0194631	1.37997	1.37997	0.559597	1.06959	1.06959	0.138778	0.833855	-1.19925	0.951486	0.993087	-1.00696	0.694661	1.04601	1.04601	0.382582	0.90294	-1.10749	0.715242	0.959083	-1.04266	0.849769	1.02186	1.02186	2.26039	0.465427	0.183027	1
cg12990148	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1	0.132362	0.0192603	0.543863	-1.8387	0.0452919	1.6389	1.6389	0.816419	0.951204	-1.0513	0.525547	0.870764	-1.14842	0.573953	1.12999	1.12999	0.86965	1.03596	1.03596	0.879521	1.03317	1.03317	0.138683	0.709709	-1.40903	0.437481	1.18577	1.18577	2.26039	1.65675	0.65151	1
cg12366279	WDR61	0.132362	0.276233	0.636292	-1.57161	0.644355	1.20388	1.20388	0.892095	1.05567	1.05567	0.064163	0.43591	-2.29405	0.00522733	0.229768	-4.35222	0.457299	0.739221	-1.35277	0.863765	0.933744	-1.07096	0.873582	1.06562	1.06562	0.475434	0.748493	-1.33602	2.26039	5.70431	2.2432	1
cg27590781	RIF1	0.132365	0.177757	1.35723	1.35723	0.050183	0.621144	-1.60993	0.142411	0.714411	-1.39975	0.299278	1.25789	1.25789	0.647108	0.906376	-1.1033	0.426651	0.841046	-1.189	0.0251574	0.566698	-1.76461	0.976882	0.993839	-1.0062	0.892051	1.02938	1.02938	2.26036	1.62831	0.640335	1
cg15358752	OBSCN	0.132366	0.305889	1.20227	1.20227	0.294034	1.20819	1.20819	0.0865682	1.38951	1.38951	0.526695	1.11791	1.11791	0.119074	1.34172	1.34172	0.665754	1.07845	1.07845	0.0175027	0.60501	-1.65286	0.671493	0.928554	-1.07694	0.733655	1.06115	1.06115	2.26036	1.08095	0.425084	1
cg08716348	CANX;CANX	0.132371	0.584937	1.10937	1.10937	0.0418933	0.643211	-1.5547	0.815022	1.04509	1.04509	0.827971	1.0418	1.0418	0.0450782	0.648743	-1.54144	0.580384	0.900251	-1.1108	0.378828	0.843739	-1.1852	0.0443846	1.54424	1.54424	0.93919	0.985744	-1.01446	2.26032	1.26778	0.498566	1
cg16269943	AHCYL1	0.132373	0.261027	0.458625	-2.18043	0.147444	2.81135	2.81135	0.578958	1.45173	1.45173	0.562876	0.677735	-1.4755	0.0468998	0.220303	-4.53919	0.214033	0.418954	-2.3869	0.0444411	0.215459	-4.64125	0.649966	1.35502	1.35502	0.118147	0.323597	-3.09027	2.2603	15.8309	6.22567	1
cg00376448	MIR192;MIR194-2	0.132376	0.137678	0.337545	-2.96256	0.703356	1.29682	1.29682	0.515555	0.638964	-1.56503	0.274347	0.461763	-2.16561	0.0317818	0.180901	-5.52788	0.0320787	0.181615	-5.50615	0.039276	0.197845	-5.05446	0.139044	0.339007	-2.94979	0.198453	0.397216	-2.51752	2.26028	16.5217	6.49741	1
cg13219709	TRIM15	0.132381	0.808589	0.889798	-1.12385	0.519225	1.36937	1.36937	0.365336	0.639237	-1.56437	0.0555508	0.352103	-2.84008	0.0441307	0.328708	-3.04221	0.0403497	0.320025	-3.12475	0.0523642	0.345942	-2.89066	0.127144	0.452171	-2.21155	0.462935	0.698053	-1.43256	2.26024	8.28544	3.25843	1
cg16573386	CCNL2;CCNL2;LOC148413;CCNL2;CCNL2	0.132381	0.979783	0.996533	-1.00348	0.420209	1.11949	1.11949	0.320108	1.15121	1.15121	0.17631	1.21779	1.21779	0.226289	1.19022	1.19022	0.0840598	0.769514	-1.29952	0.786233	0.963426	-1.03796	0.0940548	1.28702	1.28702	0.0235927	1.44848	1.44848	2.26024	0.672488	0.264471	1
cg26671958	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.132393	0.0666201	0.672423	-1.48716	0.459003	1.15661	1.15661	0.440866	0.859276	-1.16377	0.251753	1.25991	1.25991	0.0545551	0.656496	-1.52324	0.717955	0.932401	-1.0725	0.0936599	1.42725	1.42725	0.31323	0.817688	-1.22296	0.308277	1.22567	1.22567	2.26015	1.33285	0.524195	1
cg05619785	TNXB	0.132393	0.0823993	0.241659	-4.13806	0.309214	0.459868	-2.17454	0.841527	0.862628	-1.15925	0.310166	0.46062	-2.17099	0.150355	0.320449	-3.12062	0.0839293	0.243723	-4.10302	0.00762073	0.079448	-12.5868	0.103714	0.2689	-3.71886	0.33855	0.482772	-2.07137	2.26014	19.5045	7.67089	1
cg23577562	RGS12;RGS12	0.132396	0.907921	1.02163	1.02163	0.0839313	1.42432	1.42432	0.531164	0.889304	-1.12448	0.650541	1.088	1.088	0.0214437	0.59986	-1.66706	0.793237	0.95258	-1.04978	0.0814541	1.42927	1.42927	0.908046	0.978858	-1.0216	0.243798	0.79809	-1.25299	2.26012	1.22431	0.481512	1
cg02181506	SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPIN	0.132397	0.205162	0.6674	-1.49835	0.0452557	0.499162	-2.00336	0.177453	0.64819	-1.54276	0.167562	0.640836	-1.56046	0.0235949	0.441443	-2.2653	0.566959	0.839406	-1.19132	0.0204996	0.429772	-2.32682	0.20568	0.667742	-1.49759	0.248808	0.69444	-1.44001	2.26012	3.27541	1.2882	1
cg15257755	SLC39A14;SLC39A14;SLC39A14;SLC39A14	0.1324	0.0674926	0.325077	-3.07619	0.0690329	0.327593	-3.05256	0.784926	1.16189	1.16189	0.394635	0.619876	-1.61322	0.0834136	0.349535	-2.86094	0.237271	0.507052	-1.97219	0.0315109	0.250716	-3.98858	0.0989865	0.37078	-2.69701	0.0589623	0.310429	-3.22135	2.26009	10.7697	4.2357	1
cg27141889	ATP10B	0.132403	0.971366	0.99229	-1.00777	0.0982887	0.676405	-1.4784	0.294721	0.791112	-1.26404	0.302769	1.25881	1.25881	0.733622	1.07643	1.07643	0.854184	1.04046	1.04046	0.614399	1.11576	1.11576	0.0172395	0.534935	-1.86938	0.0557704	0.626697	-1.59567	2.26007	1.6641	0.654494	1
cg24410453	C6orf142	0.132404	0.580949	0.766008	-1.30547	0.565023	0.757217	-1.32063	0.0365373	0.312928	-3.19563	0.530153	1.35534	1.35534	0.554294	0.751273	-1.33107	0.918542	0.952267	-1.05013	0.286731	0.589247	-1.69708	0.0201151	3.82092	3.82092	0.371011	1.55144	1.55144	2.26006	8.18219	3.21809	1
cg01744056	PARVA	0.132407	0.499998	0.813274	-1.2296	0.132072	0.612213	-1.63342	0.0896543	0.568444	-1.75919	0.994368	1.00213	1.00213	0.0916647	0.57084	-1.7518	0.959247	1.01555	1.01555	0.032188	2.1327	2.1327	0.813279	1.07404	1.07404	0.184554	0.65386	-1.52938	2.26003	3.26203	1.28298	1
cg05910615	HSPB6;C19orf55	0.132408	0.979102	1.00412	1.00412	0.121159	1.30192	1.30192	0.657325	1.07261	1.07261	0.011842	1.63774	1.63774	0.573642	1.09337	1.09337	0.750515	0.951153	-1.05136	0.137198	0.777766	-1.28573	0.241524	0.824924	-1.21223	0.729471	0.946956	-1.05602	2.26003	0.882205	0.346979	1
cg04011872	MRPL23	0.132408	0.13719	0.722621	-1.38385	0.914679	0.978729	-1.02173	0.046042	1.59774	1.59774	0.390667	0.837694	-1.19375	0.739073	1.0694	1.0694	0.625001	0.905801	-1.104	0.0182668	0.552799	-1.80898	0.36605	0.82939	-1.20571	0.55136	0.885929	-1.12876	2.3848	1.48794	0.485275	1
cg19080354	ATHL1	0.132413	0.860724	0.833616	-1.19959	0.911721	0.891433	-1.12179	0.29346	0.323266	-3.09343	0.650001	1.6054	1.6054	0.711814	0.680786	-1.46889	0.380396	0.393615	-2.54055	0.0124963	25.0324	25.0324	0.118922	0.173113	-5.77657	0.134343	0.187693	-5.32784	2.25999	38.4352	15.1172	1
cg26190233	PANX2;PANX2;PANX2	0.132414	0.206396	1.57536	1.57536	0.622865	1.18417	1.18417	0.0395491	2.25207	2.25207	0.203451	1.58055	1.58055	0.872099	0.946538	-1.05648	0.374278	1.36479	1.36479	0.00832026	3.15884	3.15884	0.216983	1.55734	1.55734	0.136468	1.72823	1.72823	2.25998	4.16241	1.63714	1
cg17975245	PINK1	0.132416	0.0508903	1.43737	1.43737	0.696945	0.938152	-1.06593	0.428773	0.876537	-1.14085	0.647009	0.927546	-1.07811	0.222112	1.23284	1.23284	0.0700189	1.39159	1.39159	0.0685357	0.717038	-1.39463	0.193891	1.25136	1.25136	0.986012	0.997144	-1.00286	2.25996	0.952481	0.37463	1
cg18533473	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.132418	0.350636	0.66186	-1.51089	0.0181226	3.43099	3.43099	0.0337692	2.90075	2.90075	0.342848	1.52169	1.52169	0.499179	0.744749	-1.34273	0.241436	1.69345	1.69345	0.281822	1.61687	1.61687	0.289868	1.60308	1.60308	0.282107	1.61637	1.61637	2.25995	6.6057	2.59817	1
cg16886188	ADRA2A	0.132421	0.750976	0.9262	-1.07968	0.657591	0.898152	-1.1134	0.69519	1.09946	1.09946	0.78701	1.06739	1.06739	0.00630722	2.35513	2.35513	0.346659	1.26283	1.26283	0.203553	0.723858	-1.38149	0.721746	1.08992	1.08992	0.137611	1.46965	1.46965	2.25992	2.07533	0.816283	1
cg17274080	UBE2L3;UBE2L3;UBE2L3	0.132422	0.397835	0.81716	-1.22375	0.207447	1.3635	1.3635	0.0085314	2.18771	2.18771	0.412238	1.21597	1.21597	0.373275	0.808004	-1.23762	0.211095	1.35978	1.35978	0.422228	0.825955	-1.21072	0.353485	1.24941	1.24941	0.930774	0.979938	-1.02047	2.25992	1.94721	0.765892	1
cg05742249	CACNA1H;CACNA1H	0.132425	0.290184	1.41452	1.41452	0.0143742	0.385488	-2.59412	0.269391	0.695342	-1.43814	0.665178	0.871488	-1.14746	0.928422	0.972016	-1.02879	0.230735	0.672218	-1.48761	0.0698037	1.8975	1.8975	0.550817	0.826412	-1.21005	0.858741	0.945276	-1.05789	2.2599	3.5719	1.40494	1
cg00167275	FAM35A;GLUD1;GLUD1	0.132427	0.344985	2.79804	2.79804	0.553375	1.88232	1.88232	0.562988	1.85308	1.85308	0.405699	2.45704	2.45704	0.780286	1.34258	1.34258	0.12709	0.172246	-5.80565	0.489429	0.476541	-2.09846	0.0234114	18.7989	18.7989	0.0326952	14.8512	14.8512	2.38464	41.0001	13.3727	1
cg01417394	INPP4B;INPP4B	0.132433	0.0185044	0.123402	-8.10363	0.0272781	0.147583	-6.77586	0.115056	0.285054	-3.5081	0.719734	0.768039	-1.30202	0.0948389	0.260641	-3.8367	0.138392	0.310831	-3.21719	0.189168	0.361014	-2.76998	0.315627	0.467678	-2.13822	0.901597	1.09483	1.09483	2.25983	19.2017	7.55286	1
cg00831698	LOC284232	0.132435	0.0626435	0.425193	-2.35187	0.0247226	0.335706	-2.9788	0.22246	0.592515	-1.68772	0.633361	0.821872	-1.21673	0.109133	0.490084	-2.04046	0.128053	0.510893	-1.95736	0.0276834	0.345559	-2.89386	0.258005	0.617657	-1.61902	0.102615	0.482347	-2.0732	2.25981	5.96411	2.34596	1
cg13795696	TMEM57	0.132436	0.867976	0.959932	-1.04174	0.0126235	0.466636	-2.143	0.215824	0.726019	-1.37738	0.815144	1.05925	1.05925	0.917388	1.02583	1.02583	0.494342	0.843175	-1.18599	0.0413577	1.78306	1.78306	0.784187	1.0698	1.0698	0.825637	0.947213	-1.05573	2.2598	2.16227	0.850522	1
cg09026875	METTL2A	0.132438	0.748298	1.04156	1.04156	0.0391286	0.739364	-1.35251	0.235149	1.17045	1.17045	0.783524	0.965766	-1.03545	0.441892	0.905577	-1.10427	0.223999	1.17536	1.17536	0.0508772	0.754772	-1.3249	0.41437	1.11131	1.11131	0.192877	1.19042	1.19042	2.25979	0.572597	0.225231	1
cg03206925	EEPD1	0.132441	0.751018	0.913776	-1.09436	0.0545168	1.85503	1.85503	0.228294	1.43073	1.43073	0.667417	1.13026	1.13026	0.292789	0.734067	-1.36227	0.0999205	0.600088	-1.66642	0.687785	1.12124	1.12124	0.753713	1.09325	1.09325	0.0365101	0.502357	-1.99062	2.25977	2.87169	1.12959	1
cg08635011	CUX2	0.132444	0.565233	0.904142	-1.10602	0.812057	1.04215	1.04215	0.0632792	0.696249	-1.43627	0.633261	1.08689	1.08689	0.107843	0.737763	-1.35545	0.680281	0.930695	-1.07447	0.533485	0.896446	-1.11552	0.0065827	0.542461	-1.84345	0.918064	0.982322	-1.018	2.25974	1.07529	0.422973	1
cg04480280	LOC100130872-SPON2	0.132445	0.939449	0.969147	-1.03184	0.0611008	2.3884	2.3884	0.151652	1.88454	1.88454	0.518855	0.763544	-1.30968	0.0123135	0.27642	-3.61768	0.873896	1.06771	1.06771	0.813013	1.10269	1.10269	0.770945	1.12798	1.12798	0.794727	0.898023	-1.11356	2.25974	6.0903	2.39568	1
cg11046602	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP	0.132446	0.490371	1.43494	1.43494	0.00828243	5.69802	5.69802	0.0600815	2.98398	2.98398	0.68254	0.80899	-1.23611	0.495145	1.42909	1.42909	0.363226	1.61877	1.61877	0.167344	2.13547	2.13547	0.0794398	2.7279	2.7279	0.887513	1.07568	1.07568	2.25973	9.50884	3.74041	1
cg13862983	KLF9	0.132446	0.328872	1.19963	1.19963	0.296876	1.21573	1.21573	0.411999	1.16358	1.16358	0.165934	1.30584	1.30584	0.425119	0.863198	-1.15848	0.849809	0.96634	-1.03483	0.0273458	0.624043	-1.60245	0.0631708	1.45856	1.45856	0.311045	1.20841	1.20841	2.25973	1.16754	0.459263	1
cg02286761	LPHN1;LPHN1	0.132447	0.340706	0.664932	-1.50391	0.932303	1.03594	1.03594	0.0950742	2.14321	2.14321	0.411774	1.41736	1.41736	0.372778	0.683665	-1.46271	0.493492	0.748998	-1.33512	0.0750882	0.43877	-2.2791	0.0233015	0.324086	-3.0856	0.532974	1.30011	1.30011	2.25972	6.1819	2.43173	1
cg12677436	SPTBN1;SPTBN1	0.132451	0.235114	0.321982	-3.10576	0.239726	3.06831	3.06831	0.0428143	8.35773	8.35773	0.247827	0.332775	-3.00504	0.0384617	8.88048	8.88048	0.718692	1.39016	1.39016	0.286839	0.365238	-2.73794	0.554631	0.580269	-1.72334	0.918836	0.911354	-1.09727	2.25969	29.6814	11.6757	1
cg17734698	TMEM132C	0.132452	0.0199351	0.218028	-4.58658	0.452241	0.660216	-1.51466	0.713882	1.22097	1.22097	0.720682	1.21488	1.21488	0.0129899	0.188018	-5.31864	0.522053	0.703433	-1.4216	0.66925	0.792173	-1.26235	0.733976	1.20314	1.20314	0.205245	0.484526	-2.06387	2.25968	10.5193	4.13797	1
cg23906191	C7orf50;C7orf50;C7orf50	0.132452	0.612939	1.24916	1.24916	0.656669	1.21544	1.21544	0.520954	1.32809	1.32809	0.0816228	2.32021	2.32021	0.0745131	0.42042	-2.37857	0.365909	0.666895	-1.49949	0.0345258	0.341268	-2.93025	0.232053	1.72737	1.72737	0.719178	1.17054	1.17054	2.25968	6.80656	2.6775	1
cg16821267	MAGEB10	0.132458	0.690686	1.1972	1.1972	0.345411	0.645789	-1.54849	0.0616335	0.387795	-2.57868	0.101183	0.445884	-2.24273	0.165103	0.5136	-1.94704	0.328854	1.57379	1.57379	0.205175	1.82488	1.82488	0.482955	0.725533	-1.3783	0.043587	0.352005	-2.84087	2.25963	7.24666	2.85068	1
cg17584576	NDUFS4	0.13246	0.0924418	0.642772	-1.55576	0.844352	1.04803	1.04803	0.0634573	1.64556	1.64556	0.298326	1.29342	1.29342	0.273627	0.761935	-1.31245	0.344323	1.26172	1.26172	0.407872	0.817058	-1.2239	0.0468586	1.72123	1.72123	0.566717	0.870919	-1.14821	2.25962	2.03842	0.801874	1
cg17361154	ENTPD8;ENTPD8	0.13246	0.0271234	0.46476	-2.15165	0.38113	0.768636	-1.30101	0.0371135	0.492165	-2.03184	0.0858229	0.573431	-1.74389	0.114432	0.60475	-1.65358	0.934081	0.976059	-1.02453	0.06188	0.540148	-1.85134	0.321992	0.741045	-1.34945	0.0864218	0.574164	-1.74166	2.25961	3.07073	1.20797	1
cg07823492	HOXB1	0.132464	0.0374314	43.306	43.306	0.0431859	37.6983	37.6983	0.235121	6.97099	6.97099	0.169281	9.8256	9.8256	0.188107	8.81414	8.81414	0.0910023	18.2666	18.2666	0.0869828	19.0933	19.0933	0.172869	9.61656	9.61656	0.030561	52.7414	52.7414	2.25958	87.1386	34.2791	1
cg13558241	SOHLH1;SOHLH1	0.132465	0.676794	1.20031	1.20031	0.813226	1.10858	1.10858	0.0914629	0.445099	-2.24669	0.486399	1.36073	1.36073	0.0112468	0.250795	-3.98732	0.571674	1.28265	1.28265	0.0870019	0.439054	-2.27763	0.679606	1.19827	1.19827	0.57623	0.781982	-1.2788	2.25958	6.78837	2.67045	1
cg09777637	TMEM229A	0.132466	0.144461	0.500163	-1.99935	0.446522	1.40906	1.40906	0.437348	0.704577	-1.41929	0.220167	1.76782	1.76782	0.0210149	0.293192	-3.41073	0.430328	0.700635	-1.42728	0.572208	0.777056	-1.28691	0.111112	2.1535	2.1535	0.357702	0.658339	-1.51898	2.25957	6.99015	2.74984	1
cg08511651	HIST1H1A	0.132469	0.0408549	21.2232	21.2232	0.674327	1.72806	1.72806	0.0698228	13.7912	13.7912	0.0864042	11.6076	11.6076	0.23122	5.08017	5.08017	0.790844	1.41061	1.41061	0.169061	6.6614	6.6614	0.0498487	18.0867	18.0867	0.0289322	28.0295	28.0295	2.25955	59.9452	23.582	1
cg06434255	OR2H2	0.132472	0.0624744	0.139644	-7.16106	0.217945	0.296153	-3.37664	0.777775	0.766698	-1.30429	0.220696	0.298525	-3.3498	0.0527533	0.126522	-7.90377	0.14317	0.228244	-4.38128	0.0290655	0.0893248	-11.1951	0.036431	0.10195	-9.80875	0.131537	0.216843	-4.61163	2.25952	31.5491	12.4113	1
cg21708145	LOC154449	0.132474	0.743531	0.917989	-1.08934	0.399724	0.798765	-1.25193	0.375449	1.26755	1.26755	0.300874	0.75624	-1.32233	0.054367	0.566098	-1.76648	0.682757	1.11305	1.11305	0.632182	1.13393	1.13393	0.0122479	0.443386	-2.25537	0.145504	0.665402	-1.50285	2.25951	2.43097	0.956344	1
cg07356681	CHMP7	0.132474	0.782191	0.916829	-1.09072	0.55642	1.20489	1.20489	0.952307	0.981434	-1.01892	0.134205	1.65872	1.65872	0.0386262	0.472117	-2.11812	0.582486	1.19001	1.19001	0.0177822	0.405377	-2.46684	0.589836	0.843227	-1.18592	0.529466	0.819058	-1.22091	2.2595	3.51314	1.38207	1
cg03127656	RANBP3L;RANBP3L	0.132475	0.495326	0.835285	-1.1972	0.110865	0.636637	-1.57075	0.0359883	0.530404	-1.88536	0.340946	0.774839	-1.29059	0.0112847	0.438254	-2.28178	0.383682	0.792784	-1.26138	0.429188	1.23342	1.23342	0.243886	0.728371	-1.37293	0.710232	0.907541	-1.10188	2.2595	2.41819	0.951317	1
cg09408973	TAP2;TAP2	0.132489	0.214893	0.791459	-1.26349	0.0215508	1.63963	1.63963	0.885709	0.974564	-1.0261	0.648822	1.0856	1.0856	0.26898	1.22904	1.22904	0.919703	1.01823	1.01823	0.0321454	1.56767	1.56767	0.316051	0.830526	-1.20406	0.929262	0.98422	-1.01603	2.25939	1.14834	0.451781	1
cg14014627	C7orf51	0.132492	0.472126	0.765124	-1.30698	0.0510577	0.443354	-2.25553	0.569348	0.810172	-1.23431	0.693281	0.864933	-1.15616	0.101512	0.518779	-1.9276	0.171645	0.587027	-1.7035	0.0224175	0.367406	-2.72179	0.0231873	0.370273	-2.70071	0.941674	0.97357	-1.02715	2.25936	4.79468	1.88635	1
cg17079431	CPA6;CPA6	0.132493	0.42273	0.826381	-1.2101	0.00947414	2.15026	2.15026	0.363836	0.804671	-1.24274	0.99145	1.0025	1.0025	0.0834466	0.640045	-1.56239	0.562969	0.872676	-1.1459	0.520715	1.1637	1.1637	0.886966	0.967421	-1.03368	0.50605	0.854591	-1.17015	2.25936	1.94061	0.763485	1
cg05548393	SLC30A8	0.132495	0.510209	0.803692	-1.24426	0.40439	0.756438	-1.32198	0.098519	0.552802	-1.80897	0.0538171	2.04685	2.04685	0.0241294	0.414863	-2.41043	0.940949	1.02453	1.02453	0.773216	0.909798	-1.09914	0.797158	1.08792	1.08792	0.334791	1.38464	1.38464	2.25934	3.83025	1.50693	1
cg01611665	SLC27A1	0.132496	0.920977	0.975081	-1.02556	0.222935	0.722029	-1.38499	0.0761605	1.65173	1.65173	0.0124472	2.20545	2.20545	0.412298	1.23761	1.23761	0.943284	0.982069	-1.01826	0.900728	1.03225	1.03225	0.841186	1.05235	1.05235	0.0815879	1.63375	1.63375	2.25933	2.31426	0.910499	1
cg23051664	TNFRSF10D	0.132497	0.0593221	16.4731	16.4731	0.152142	7.52994	7.52994	0.198987	5.96683	5.96683	0.751217	0.657974	-1.51982	0.835103	1.31564	1.31564	0.717376	0.619777	-1.61348	0.104733	10.3144	10.3144	0.0239038	34.7028	34.7028	0.0548903	17.5529	17.5529	2.25933	61.9763	24.3834	1
cg04729768	BAT2	0.132499	0.925539	1.02682	1.02682	0.627092	1.14867	1.14867	0.232681	0.701652	-1.42521	0.494276	1.21715	1.21715	0.0155433	0.431654	-2.31667	0.0459191	0.523226	-1.91122	0.164599	0.657193	-1.52162	0.52145	1.20199	1.20199	0.330444	0.752528	-1.32885	2.25931	2.86806	1.12839	1
cg05428433	NLRC3	0.132501	0.972006	0.979697	-1.02072	0.327587	1.80529	1.80529	0.502681	0.671909	-1.4883	0.338512	1.78016	1.78016	0.0328345	0.232404	-4.30286	0.128807	0.383093	-2.61034	0.0463475	0.26342	-3.79622	0.708263	0.802742	-1.24573	0.09035	0.33592	-2.9769	2.25929	12.2261	4.81021	1
cg04069576	ITGB5	0.13251	0.573074	0.882368	-1.13331	0.0717743	0.642873	-1.55552	0.27786	0.780355	-1.28147	0.0276492	1.77225	1.77225	0.0736103	0.645103	-1.55014	0.855226	0.960655	-1.04096	0.968547	0.991372	-1.0087	0.454338	0.845777	-1.18234	0.201693	0.743562	-1.34488	2.25922	1.72829	0.679995	1
cg27347269	DOK6	0.132511	0.00763151	3.05453	3.05453	0.988334	1.00477	1.00477	0.134118	1.692	1.692	0.405474	1.31926	1.31926	0.900879	0.960248	-1.0414	0.139105	0.595556	-1.6791	0.98851	1.0047	1.0047	0.467916	1.2718	1.2718	0.346224	1.37133	1.37133	2.25922	3.79192	1.49193	1
cg06099126	TMEM201	0.132512	0.0678313	0.623028	-1.60507	0.795264	1.062	1.062	0.541434	1.15372	1.15372	0.924391	0.978281	-1.0222	0.0124795	0.487219	-2.05246	0.877602	0.964977	-1.03629	0.226313	1.34162	1.34162	0.245178	1.32471	1.32471	0.994514	1.00159	1.00159	2.25921	1.91463	0.753316	1
cg03676569	BTAF1	0.132512	0.862335	1.0831	1.0831	0.472745	0.714685	-1.39922	0.593584	1.28115	1.28115	0.116803	2.18963	2.18963	0.916601	0.952963	-1.04936	0.614688	1.26297	1.26297	0.967323	1.01902	1.01902	0.00421954	5.82516	5.82516	0.276656	1.68278	1.68278	2.25921	7.56987	2.97838	1
cg04375284	ING4;ING4;ING4;ING4;ING4;ING4	0.132515	0.570466	0.686408	-1.45686	0.637574	1.36378	1.36378	0.625721	1.37932	1.37932	0.340187	1.9338	1.9338	?	?	?	?	?	?	0.754608	1.2264	1.2264	0.0267299	0.124173	-8.0533	0.0591243	0.203121	-4.92317	3.30471	14.9104	2.57821	1
cg00057663	TGFBRAP1;TGFBRAP1	0.132516	0.0907042	0.659769	-1.51568	0.590598	0.885875	-1.12883	0.738477	1.07763	1.07763	0.261391	0.770019	-1.29867	0.172883	0.723503	-1.38216	0.475444	1.17578	1.17578	0.00644095	0.453569	-2.20474	0.390643	0.821792	-1.21685	0.405666	0.827101	-1.20904	2.25918	1.7814	0.700905	1
cg12274314	SNORA76;SNORD104	0.132517	0.482029	0.883599	-1.13173	0.436181	1.14749	1.14749	0.136663	1.32007	1.32007	0.985449	0.996847	-1.00316	0.80442	0.957941	-1.04391	0.951856	0.989598	-1.01051	0.0249141	0.629877	-1.58761	0.479921	1.13243	1.13243	0.0358439	1.52637	1.52637	2.25917	1.07313	0.422231	1
cg19879675	DNAJC30;WBSCR22	0.13252	0.206194	0.384289	-2.60221	0.957015	1.03942	1.03942	0.424327	1.79539	1.79539	0.771077	0.811185	-1.23276	0.563698	0.657933	-1.51991	0.136616	0.316578	-3.15878	0.0560412	4.72215	4.72215	0.0883623	3.85185	3.85185	0.0710186	4.2485	4.2485	2.25915	18.4062	7.24214	1
cg14312018	C17orf68;PFAS	0.132521	?	?	?	0.649844	0.721139	-1.3867	0.809655	1.18805	1.18805	0.0408956	5.9113	5.9113	?	?	?	0.0326537	6.63576	6.63576	?	?	?	0.681348	0.744378	-1.3434	0.619394	0.698829	-1.43096	2.6264	13.448	5.12031	1
cg26576041	CPSF3L	0.132521	0.12861	1.57144	1.57144	0.0542524	1.82419	1.82419	0.233584	1.41013	1.41013	0.932721	0.977031	-1.02351	0.154201	0.657205	-1.5216	0.701215	0.89934	-1.11193	0.0308159	2.00956	2.00956	0.164925	1.50333	1.50333	0.585256	1.16376	1.16376	2.25913	2.70974	1.06619	1
cg13750967	TMEM64;TMEM64	0.132523	0.216251	1.17544	1.17544	0.0304897	1.37142	1.37142	0.0219047	1.40719	1.40719	0.421236	1.10745	1.10745	0.575926	1.07272	1.07272	0.288475	0.872073	-1.14669	0.0992017	1.25171	1.25171	0.812621	0.970933	-1.02994	0.907032	1.01462	1.01462	2.25912	0.552079	0.217224	1
cg10683435	BAT2	0.132524	0.387069	1.41491	1.41491	0.00906436	3.66297	3.66297	0.0764087	2.16333	2.16333	0.104057	2.00513	2.00513	0.936372	0.969229	-1.03175	0.699711	1.16384	1.16384	0.446826	0.738212	-1.35463	0.148925	1.83298	1.83298	0.547866	1.26878	1.26878	2.25912	5.48286	2.15733	1
cg13858054	HNRNPK;RMI1;HNRNPK;HNRNPK	0.132525	0.0615258	0.671582	-1.48902	0.0493323	1.52815	1.52815	0.0260449	0.606987	-1.64748	0.342122	0.831091	-1.20324	0.344419	0.831865	-1.20212	0.616901	0.909069	-1.10003	0.970248	0.992975	-1.00707	0.943808	1.01341	1.01341	0.710534	0.931958	-1.07301	2.25911	1.27838	0.503002	1
cg22720139	MIR206	0.132527	0.583413	1.10053	1.10053	0.00876647	1.78146	1.78146	0.165717	1.29135	1.29135	0.405613	1.15855	1.15855	0.227516	1.24497	1.24497	0.521258	1.11902	1.11902	0.21703	1.25189	1.25189	0.129308	0.75316	-1.32774	0.70263	1.0686	1.0686	2.25909	1.07037	0.42116	1
cg05721427	C4orf10;NOP14	0.132527	0.33171	0.854607	-1.17013	0.0867956	0.74324	-1.34546	0.451279	0.886557	-1.12796	0.123052	1.29966	1.29966	0.975873	1.00476	1.00476	0.222987	1.22249	1.22249	0.130461	1.29205	1.29205	0.107454	0.759094	-1.31736	0.171629	0.795876	-1.25648	2.25909	0.880621	0.3465	1
cg06424719	PBLD;PBLD;HNRNPH3;HNRNPH3	0.13253	0.946333	0.992913	-1.00714	0.428816	0.918206	-1.08908	0.994361	0.999254	-1.00075	0.725387	0.963427	-1.03796	0.00665138	0.689317	-1.45071	0.700928	1.04161	1.04161	0.762327	0.968464	-1.03256	0.114477	0.834132	-1.19885	0.0510213	0.79073	-1.26465	2.25907	0.399327	0.157125	1
cg27269962	SND1	0.13253	0.0787296	0.402489	-2.48454	0.703823	0.836916	-1.19486	0.500233	1.37568	1.37568	0.467065	1.41191	1.41191	0.020855	0.273564	-3.65545	0.776737	0.875888	-1.1417	0.0781722	0.401657	-2.48969	0.465513	1.41367	1.41367	0.13555	0.47245	-2.11662	2.25907	7.77326	3.05859	1
cg03628820	GATA4	0.132535	0.137456	0.461025	-2.16908	0.962606	0.977563	-1.02295	0.0237716	0.270855	-3.69202	0.22701	0.541223	-1.84767	0.0145969	0.233212	-4.28795	0.342175	0.622681	-1.60596	0.109959	0.430277	-2.32408	0.412114	0.66637	-1.50067	0.139255	0.462898	-2.1603	2.25903	8.38243	3.29834	1
cg27662838	RNASE7;RNASE7	0.132535	0.394516	0.799189	-1.25127	0.0165925	0.471407	-2.12131	0.784544	1.07298	1.07298	0.879031	0.96161	-1.03992	0.118023	0.646449	-1.54691	0.231553	0.724312	-1.38062	0.0176601	0.476236	-2.0998	0.196721	0.704108	-1.42024	0.733989	0.916061	-1.09163	2.25903	2.36371	0.930079	1
cg06242719	MIR183;MIR96	0.132539	0.0244465	0.416522	-2.40083	0.331985	0.72111	-1.38675	0.983727	1.00669	1.00669	0.966318	0.9863	-1.01389	0.00979079	0.344058	-2.90648	0.118537	0.574891	-1.73946	0.258254	0.680198	-1.47016	0.546953	0.819444	-1.22034	0.34237	0.72645	-1.37656	2.259	3.81826	1.50244	1
cg09655957	PIR;PIR;FIGF	0.13254	0.441105	1.59494	1.59494	0.866303	1.10532	1.10532	0.283136	0.515443	-1.94008	0.0542079	0.272958	-3.66357	0.0139517	0.164538	-6.07761	0.565955	1.41175	1.41175	0.402254	1.66436	1.66436	0.671442	1.2886	1.2886	0.282902	0.515264	-1.94075	2.25899	12.6355	4.97193	1
cg04692156	KIAA1671	0.132541	0.533255	0.786752	-1.27105	0.713068	1.15071	1.15071	0.0888677	0.490044	-2.04063	0.0867732	2.05228	2.05228	0.0592151	0.445054	-2.24692	0.175266	0.578177	-1.72957	0.118485	1.90438	1.90438	0.59769	0.816758	-1.22435	0.543289	0.791483	-1.26345	2.25898	5.1683	2.03368	1
cg18014789	C12orf65;C12orf65	0.132543	0.120008	0.61324	-1.63068	0.172112	0.65614	-1.52406	0.453035	0.80122	-1.2481	0.0153276	0.421929	-2.37007	0.361383	1.31261	1.31261	0.230325	0.694299	-1.4403	0.385123	1.29453	1.29453	0.609787	1.16094	1.16094	0.429673	1.2633	1.2633	2.25897	3.00718	1.18331	1
cg02022380	MIR431;RTL1;MIR433;RTL1	0.132546	0.803961	0.884181	-1.13099	0.00582592	5.97215	5.97215	0.287023	1.72834	1.72834	0.614262	0.777614	-1.28598	0.438357	0.676225	-1.4788	0.690058	1.21944	1.21944	0.889806	0.93369	-1.07102	0.517573	0.722742	-1.38362	0.240993	0.544708	-1.83585	2.25894	8.76376	3.44852	1
cg23873200	IQCE;IQCE	0.13255	0.134886	0.59707	-1.67485	0.0897566	0.549665	-1.81929	0.128081	0.590756	-1.69275	0.65024	0.86411	-1.15726	0.0293694	0.439975	-2.27285	0.0335658	0.451861	-2.21307	0.656989	1.15373	1.15373	0.389442	0.75413	-1.32603	0.0758771	0.531473	-1.88156	2.25891	3.66256	1.44123	1
cg25837277	PNMAL2	0.132552	0.54344	0.83707	-1.19464	0.373877	0.768008	-1.30207	0.375581	1.30078	1.30078	0.553914	1.18903	1.18903	0.0747827	0.563323	-1.77518	0.0897013	0.582182	-1.71768	0.0274017	0.470213	-2.12669	0.167358	0.653369	-1.53053	0.321734	1.3445	1.3445	2.25889	2.99159	1.17721	1
cg09896403	CHCHD10	0.132552	0.59026	0.869756	-1.14975	0.174543	0.690227	-1.4488	0.788699	1.07139	1.07139	0.176085	0.691255	-1.44664	0.049051	0.561691	-1.78034	0.1927	0.701938	-1.42463	0.0349362	1.87937	1.87937	0.644997	0.887727	-1.12647	0.52497	1.17983	1.17983	2.25889	2.35751	0.927698	1
cg18907029	SYNGR2	0.132553	0.31622	0.789778	-1.26618	0.424073	0.830322	-1.20435	0.269014	1.29977	1.29977	0.376101	0.813119	-1.22983	0.385036	1.22487	1.22487	0.747933	1.0762	1.0762	0.00644107	2.24116	2.24116	0.622708	0.893196	-1.11958	0.782909	1.06493	1.06493	2.25888	1.85579	0.730267	1
cg21634555	LRRIQ4	0.132554	0.17181	1.4437	1.4437	0.609808	1.13876	1.13876	0.281061	1.32689	1.32689	0.55214	1.16398	1.16398	0.112622	1.54651	1.54651	0.114109	1.54326	1.54326	0.00535274	2.52447	2.52447	0.389523	1.24933	1.24933	0.109594	1.55328	1.55328	2.25888	2.28	0.8972	1
cg14898140	KPNA2;KPNA2	0.132556	0.0513139	0.711074	-1.40632	0.472146	1.11894	1.11894	0.182487	1.24285	1.24285	0.331571	0.857325	-1.16642	0.0970991	0.755926	-1.32288	0.550604	1.09724	1.09724	0.0407725	0.69564	-1.43753	0.544963	1.09872	1.09872	0.64024	0.930222	-1.07501	2.25886	0.844775	0.332429	1
cg00265415	B3GALNT2	0.132557	0.442132	1.13568	1.13568	0.0268512	1.53062	1.53062	0.301585	1.18976	1.18976	0.173251	0.790376	-1.26522	0.295472	1.19259	1.19259	0.789056	1.04449	1.04449	0.159605	0.783509	-1.27631	0.85593	1.02994	1.02994	0.0626609	1.40505	1.40505	2.25885	0.942827	0.371015	1
cg05818185	ATAD3B	0.132558	0.520076	0.879304	-1.13726	0.798886	1.05166	1.05166	0.882042	1.02972	1.02972	0.531941	0.882592	-1.13303	0.0381054	0.622387	-1.60672	0.370665	0.834149	-1.19883	0.0301205	1.65382	1.65382	0.556865	1.12436	1.12436	0.099935	0.700736	-1.42707	2.25885	1.39216	0.547836	1
cg13868165	FAM19A5	0.132561	0.833021	0.97282	-1.02794	0.34088	1.13667	1.13667	0.0221661	1.4304	1.4304	0.465584	1.10178	1.10178	0.0428695	1.35553	1.35553	0.660641	1.05936	1.05936	0.189911	0.834259	-1.19867	0.682003	0.947649	-1.05524	0.107037	1.25814	1.25814	2.25882	0.609449	0.239829	1
cg00876704	PKN1	0.132561	?	?	?	0.116535	5.2478	5.2478	0.642078	1.55656	1.55656	0.709884	1.42322	1.42322	0.802311	0.789223	-1.26707	0.401154	2.26391	2.26391	0.0192302	0.0566641	-17.6479	0.249304	3.16981	3.16981	0.180796	3.93318	3.93318	2.57689	30.7171	8.94016	1
cg26895569	PLEKHA6	0.132563	0.919971	0.973654	-1.02706	0.549255	1.17467	1.17467	0.199246	0.697434	-1.43383	0.0832121	1.66449	1.66449	0.0347532	1.92291	1.92291	0.383842	0.788811	-1.26773	0.0901266	0.60883	-1.64249	0.462557	1.21978	1.21978	0.517092	0.839877	-1.19065	2.25881	2.52498	0.993632	1
cg19857977	RAB3GAP2	0.132563	0.0945405	0.401112	-2.49307	0.338491	0.612351	-1.63305	0.248959	0.549352	-1.82033	0.194047	0.505092	-1.97984	0.0604081	0.349017	-2.86519	0.426223	0.667732	-1.49761	0.0395681	0.306276	-3.26503	0.33643	1.63669	1.63669	0.0364613	0.298632	-3.3486	2.25881	8.83979	3.47864	1
cg05117728	BSN	0.132564	0.334175	1.79292	1.79292	0.010261	6.66217	6.66217	0.0201183	5.17264	5.17264	0.542373	1.43546	1.43546	0.428458	0.622604	-1.60616	0.51938	1.46646	1.46646	0.912778	1.06633	1.06633	0.616868	1.34402	1.34402	0.711409	1.24337	1.24337	2.2588	12.2916	4.83703	1
cg15087147	SND1;LRRC4	0.132564	0.177669	0.816541	-1.22468	0.0668012	1.33743	1.33743	0.840489	1.02892	1.02892	0.213474	0.830814	-1.20364	0.032329	1.42558	1.42558	0.941856	0.989733	-1.01037	0.438526	1.11829	1.11829	0.184203	1.22055	1.22055	0.185327	1.21985	1.21985	2.2588	0.716127	0.281812	1
cg27388703	MIR150	0.132565	0.0747458	0.556794	-1.796	0.0264422	0.460078	-2.17354	0.12686	0.614405	-1.62759	0.482494	0.810124	-1.23438	0.100262	0.587896	-1.70098	0.53962	0.832603	-1.20105	0.373799	1.30908	1.30908	0.0525705	0.521962	-1.91585	0.200346	0.670962	-1.4904	2.25879	3.11325	1.22514	1
cg09792463	FOXO1	0.132565	0.83481	1.04135	1.04135	0.616619	1.1029	1.1029	0.709728	1.07524	1.07524	0.803356	0.952744	-1.0496	0.135815	1.366	1.366	0.615203	1.10334	1.10334	0.0554161	1.5239	1.5239	0.559363	0.891773	-1.12136	0.0150958	0.560237	-1.78496	2.25879	1.34679	0.529993	1
cg01230639	RBPMS2	0.132566	0.872632	1.06656	1.06656	0.14852	0.536655	-1.86339	0.12185	0.509912	-1.96112	0.380772	1.43487	1.43487	0.217333	1.68419	1.68419	0.211595	0.589462	-1.69646	0.0948886	2.09	2.09	0.339004	1.48561	1.48561	0.0807263	2.1769	2.1769	2.25878	5.77069	2.27092	1
cg24337809	BTG2	0.132568	0.998286	1.00027	1.00027	0.513931	1.08627	1.08627	0.329308	1.13412	1.13412	0.614379	1.06557	1.06557	0.103028	1.24977	1.24977	0.477681	1.09445	1.09445	0.016159	0.692203	-1.44466	0.316875	1.13809	1.13809	0.101974	1.25079	1.25079	2.25877	0.559086	0.220016	1
cg03830936	TMEM198	0.132569	0.063216	0.42759	-2.33869	0.464465	0.738787	-1.35357	0.716035	0.861955	-1.16015	0.148341	0.532346	-1.87848	0.0227858	0.330178	-3.02867	0.11193	0.494662	-2.02158	0.0238085	0.333905	-2.99487	0.230492	0.599579	-1.66784	0.138222	0.522554	-1.91368	2.25876	5.91512	2.32778	1
cg16541031	IRF7;IRF7;IRF7;IRF7	0.13257	0.101607	0.214974	-4.65173	0.124514	0.240156	-4.16397	0.209408	0.321509	-3.11033	0.32851	2.37506	2.37506	0.0999752	0.213097	-4.69269	0.781729	0.788027	-1.26899	0.248294	0.355171	-2.81554	0.320522	0.414631	-2.41178	0.0584908	6.25549	6.25549	2.25875	26.3168	10.3565	1
cg09205599	GRK5	0.132572	0.188301	0.703423	-1.42162	0.398482	1.24378	1.24378	0.0496081	0.568206	-1.75993	0.599121	0.874712	-1.14323	0.0918418	0.626025	-1.59738	0.627486	1.13135	1.13135	0.13436	1.5029	1.5029	0.220395	0.722419	-1.38424	0.209	1.39682	1.39682	2.25873	2.27823	0.896561	1
cg09450771	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.132573	?	?	?	0.510981	0.875567	-1.14212	0.910825	1.02258	1.02258	0.274915	0.797394	-1.25409	0.445385	1.16771	1.16771	0.182841	1.32543	1.32543	0.00952732	1.92419	1.92419	0.465643	0.862443	-1.1595	0.454501	1.16398	1.16398	2.27899	1.27452	0.559248	1
cg10163222	ZNF180	0.132574	0.260064	1.17215	1.17215	0.651725	0.940415	-1.06336	0.791814	0.964865	-1.03641	0.387147	1.12733	1.12733	0.139898	1.23955	1.23955	0.915947	1.01438	1.01438	0.0236479	1.44094	1.44094	0.0324193	1.40299	1.40299	0.256026	0.851882	-1.17387	2.25872	0.653948	0.257353	1
cg20697468	CA14	0.132577	0.0666275	0.564493	-1.7715	0.0224576	0.467555	-2.13879	0.489949	0.822842	-1.2153	0.326881	1.32501	1.32501	0.553988	1.1811	1.1811	0.848084	1.05477	1.05477	0.104564	1.63769	1.63769	0.545525	1.18542	1.18542	0.639029	0.876905	-1.14037	2.2587	2.76548	1.08833	1
cg23095680	LASS5	0.13258	0.184583	1.69079	1.69079	0.310959	0.676221	-1.47881	0.657113	0.846425	-1.18144	0.719727	1.14393	1.14393	0.322079	1.46485	1.46485	0.155492	1.76336	1.76336	0.0233605	0.363786	-2.74887	0.834319	1.0813	1.0813	0.104208	0.515341	-1.94046	2.25867	4.98243	1.96081	1
cg20227511	FLT3	0.132589	0.932784	1.02002	1.02002	0.921676	1.02338	1.02338	0.584115	0.878186	-1.13871	0.0172855	0.5059	-1.97667	0.280736	0.768384	-1.30143	0.280885	1.30132	1.30132	0.0868335	0.64121	-1.55955	0.69572	0.911775	-1.09676	0.0388779	0.570106	-1.75406	2.2586	1.97525	0.777375	1
cg03061892	FAM180A	0.132593	0.10981	1.42904	1.42904	0.284608	0.796409	-1.25564	0.0200732	0.562994	-1.77622	0.697242	0.923051	-1.08336	0.382988	0.832581	-1.20108	0.735608	0.932942	-1.07188	0.588797	1.11826	1.11826	0.552436	1.13099	1.13099	0.0954948	1.45511	1.45511	2.25857	1.5004	0.5905	1
cg25338577	SGOL2;SGOL2;SGOL2	0.132593	0.640326	0.952218	-1.05018	0.157704	1.1702	1.1702	0.0130496	1.3777	1.3777	0.52799	1.06879	1.06879	0.875029	0.983758	-1.01651	0.831976	1.02235	1.02235	0.136516	0.846286	-1.18163	0.535189	0.936751	-1.06752	0.125362	1.18838	1.18838	2.25857	0.387227	0.152398	1
cg12583369	MYCL1;MYCL1	0.132594	0.0256214	0.262982	-3.80254	0.743032	0.847282	-1.18024	0.388663	0.640794	-1.56056	0.302099	1.7135	1.7135	0.0243006	0.25862	-3.86668	0.398693	0.647096	-1.54537	0.355842	0.619758	-1.61353	0.716479	0.832163	-1.20169	0.0616666	0.346363	-2.88715	2.25856	9.07708	3.57242	1
cg19017803	LOC285627	0.132598	0.163523	0.768562	-1.30113	0.968119	1.0071	1.0071	0.0622353	0.689643	-1.45003	0.371638	1.17631	1.17631	0.93094	1.01546	1.01546	0.318027	0.833016	-1.20046	0.0404193	1.5205	1.5205	0.972978	1.00601	1.00601	0.0870994	0.71574	-1.39715	2.25853	1.12093	0.441162	1
cg19735698	KLHL29	0.132598	0.869891	1.05756	1.05756	0.274236	1.47461	1.47461	0.0554545	0.476599	-2.0982	0.0514647	0.469114	-2.13168	0.685844	0.870377	-1.14893	0.482338	0.783667	-1.27605	0.49338	1.26804	1.26804	0.0487059	2.15672	2.15672	0.798882	1.09108	1.09108	2.25853	4.16893	1.64076	1
cg25878872	ETFDH;ETFDH;C4orf46	0.132598	0.789498	1.04978	1.04978	0.949962	0.98867	-1.01146	0.295413	0.82118	-1.21776	0.739197	1.06254	1.06254	0.332194	1.19918	1.19918	0.960119	1.00912	1.00912	0.369724	0.84598	-1.18206	0.684136	0.928425	-1.07709	0.00454612	1.98635	1.98635	2.25853	1.17925	0.464118	1
cg12714889	LRRC8B;LRRC8B	0.132599	0.159949	1.24917	1.24917	0.110497	1.29396	1.29396	0.114587	1.28954	1.28954	0.0138802	1.56902	1.56902	0.0724114	1.3459	1.3459	0.302864	1.17133	1.17133	0.0433888	1.41091	1.41091	0.792412	1.03986	1.03986	0.303501	1.17107	1.17107	2.25852	0.785391	0.309107	1
cg26673784	LOC283050;LOC283050;LOC283050	0.132602	0.0953973	0.59218	-1.68868	0.796626	0.928802	-1.07666	0.0194935	0.445967	-2.24232	0.0667161	0.555472	-1.80027	0.218006	0.690326	-1.44859	0.775703	1.08513	1.08513	0.937517	0.977828	-1.02267	0.695129	0.893472	-1.11923	0.0318936	0.487167	-2.05268	2.2585	2.92559	1.15144	1
cg08081485	DTYMK;DTYMK;DTYMK	0.132603	0.0507969	0.241076	-4.14807	0.889936	0.915283	-1.09256	0.948089	1.04251	1.04251	0.0763775	0.283542	-3.52681	0.0166448	0.154238	-6.48348	0.618081	0.725172	-1.37898	0.108839	0.326925	-3.0588	0.139244	0.361538	-2.76596	0.112653	0.331525	-3.01637	2.2585	14.6201	5.7541	1
cg00939301	CHN1;CHN1	0.132603	0.344576	1.15924	1.15924	0.264415	0.838155	-1.1931	0.0779684	0.742842	-1.34618	0.927765	0.986332	-1.01386	0.24829	0.832616	-1.20103	0.196129	0.812639	-1.23056	0.0579564	0.722299	-1.38447	0.603788	0.923611	-1.08271	0.0612101	1.37735	1.37735	2.2585	0.824021	0.324314	1
cg04467034	ANKRD10	0.132603	0.0146029	0.674637	-1.48228	0.959884	1.0066	1.0066	0.124869	1.24286	1.24286	0.383624	0.889659	-1.12403	0.375536	1.1264	1.1264	0.219738	0.844606	-1.18398	0.313388	0.872441	-1.14621	0.145541	0.815034	-1.22694	0.94208	1.00955	1.00955	2.25849	0.612636	0.241119	1
cg12596487	C18orf1;C18orf1	0.132604	0.0551233	0.176876	-5.65368	0.986602	0.986712	-1.01347	0.723408	1.32722	1.32722	0.207747	0.34707	-2.88127	0.0737235	0.204301	-4.89473	0.210103	0.349174	-2.8639	0.0865679	0.221325	-4.51824	0.0577601	0.181014	-5.52443	0.0353839	0.14203	-7.04078	2.25849	22.7012	8.93466	1
cg17977480	FARSA	0.132604	0.766401	0.896973	-1.11486	0.28202	0.664974	-1.50382	0.00650743	0.275102	-3.63502	0.64068	0.842352	-1.18715	0.795211	0.909439	-1.09958	0.306816	0.679698	-1.47124	0.959022	1.01893	1.01893	0.988522	0.994764	-1.00526	0.0280449	0.387895	-2.57802	2.25849	4.76419	1.87508	1
cg27318418	LRPAP1	0.132607	0.203276	0.711632	-1.40522	0.331293	1.28907	1.28907	0.745726	0.920881	-1.08592	0.194319	1.41599	1.41599	0.00821307	0.424612	-2.35509	0.628104	1.13162	1.13162	0.444275	1.21843	1.21843	0.754278	1.08279	1.08279	0.728123	0.915392	-1.09243	2.25846	2.29527	0.903378	1
cg08687386	IER3;FLOT1	0.132616	0.115243	0.477233	-2.09541	0.0622794	2.4758	2.4758	0.363314	1.49718	1.49718	0.702609	1.18023	1.18023	0.0581541	0.396544	-2.52179	0.495163	0.741407	-1.34879	0.372197	1.48553	1.48553	0.109866	2.12306	2.12306	0.803056	1.11399	1.11399	2.25839	6.67452	2.62705	1
cg15099879	VWA1;VWA1	0.132619	0.0635056	0.481943	-2.07493	0.254725	1.51592	1.51592	0.770478	0.90272	-1.10776	0.197381	0.620825	-1.61076	0.0094582	0.316489	-3.15967	0.280454	0.675381	-1.48065	0.666068	0.859083	-1.16403	0.23215	0.645088	-1.55018	0.769846	0.902457	-1.10809	2.25836	4.37738	1.72293	1
cg13250024	JAKMIP3	0.132619	0.940521	0.979532	-1.0209	0.636043	0.876242	-1.14124	0.375886	1.2864	1.2864	0.237514	1.40908	1.40908	0.0189415	2.19801	2.19801	0.595857	0.862135	-1.15991	0.0906639	1.67631	1.67631	0.0555947	1.82424	1.82424	0.0956711	1.66068	1.66068	2.25836	2.74709	1.08125	1
cg00446758	CHCHD3	0.132623	0.148439	0.49552	-2.01808	0.281954	0.602598	-1.65948	0.461767	0.712215	-1.40407	0.278836	1.66539	1.66539	0.0223191	0.28928	-3.45686	0.288689	0.607177	-1.64697	0.0472568	0.357602	-2.79641	0.998913	0.999383	-1.00062	0.079508	0.414086	-2.41496	2.25834	7.33943	2.88882	1
cg03570994	PPT2;PPT2;PRRT1	0.132623	0.204848	0.667468	-1.4982	0.0500833	1.96422	1.96422	0.395189	1.30101	1.30101	0.500505	1.22954	1.22954	0.418893	0.779115	-1.28351	0.298956	0.722297	-1.38447	0.674376	0.880122	-1.13621	0.0222264	0.436822	-2.28926	0.941902	1.02227	1.02227	2.25834	3.26616	1.28557	1
cg04417556	C7orf59	0.132623	0.387416	0.853991	-1.17097	0.569527	1.10783	1.10783	0.340063	1.19145	1.19145	0.607643	0.911863	-1.09666	0.046157	0.665615	-1.50237	0.0801657	0.707624	-1.41318	0.778871	1.05143	1.05143	0.189422	1.28102	1.28102	0.0493456	0.670552	-1.49131	2.25834	1.13527	0.446845	1
cg08034663	NCOR2;NCOR2	0.132627	0.294112	0.58814	-1.70027	0.0503864	2.96793	2.96793	0.0601895	2.81229	2.81229	0.260718	1.77211	1.77211	0.0876005	0.398615	-2.50868	0.656665	0.803945	-1.24387	0.804834	1.12835	1.12835	0.250496	1.79627	1.79627	0.318483	1.65354	1.65354	2.25831	8.50955	3.34943	1
cg14370520	FAM188B	0.132627	0.201134	0.51191	-1.95347	0.34916	0.620009	-1.61288	0.0217306	0.255016	-3.92131	0.306974	0.591824	-1.68969	0.0144463	0.22424	-4.4595	0.351517	0.621541	-1.6089	0.38767	1.55139	1.55139	0.90901	0.944873	-1.05834	0.457821	0.687299	-1.45497	2.2583	8.79852	3.46318	1
cg08960352	DYRK2;DYRK2	0.132628	0.302909	0.731628	-1.36682	0.646179	0.873407	-1.14494	0.674432	1.13169	1.13169	0.123357	0.613395	-1.63027	0.30524	1.36462	1.36462	0.873795	1.04765	1.04765	0.0834511	1.75253	1.75253	0.0172177	0.427478	-2.3393	0.89286	0.961309	-1.04025	2.2583	3.06675	1.20711	1
cg08727433	FAM82A1;FAM82A1;FAM82A1;FAM82A1	0.132632	0.0178565	0.675307	-1.48081	0.437461	1.11405	1.11405	0.613964	0.932995	-1.07182	0.50347	1.097	1.097	0.025414	0.696117	-1.43654	0.982234	0.996968	-1.00304	0.762584	0.95953	-1.04218	0.150541	0.810495	-1.23381	0.29815	0.863246	-1.15842	2.25827	0.664985	0.261748	1
cg15815084	DGKE	0.132633	0.0564849	0.173927	-5.74953	0.236975	0.371089	-2.69477	0.922243	0.925371	-1.08065	0.344315	0.459634	-2.17565	0.0179148	0.094616	-10.569	0.275441	0.403817	-2.47637	0.0251312	0.113592	-8.80347	0.0929424	0.225281	-4.43891	0.216544	0.353054	-2.83243	2.38282	23.3135	7.60978	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21751419	SLC35C2;SLC35C2;SLC35C2	0.132635	0.017462	0.38059	-2.6275	0.64946	1.16507	1.16507	0.112203	1.78146	1.78146	0.698103	1.13899	1.13899	0.427119	0.76283	-1.31091	0.225585	0.65383	-1.52945	0.239361	0.662734	-1.5089	0.876332	1.05337	1.05337	0.194233	1.58178	1.58178	2.25824	3.98702	1.56937	1
cg10860270	ZCCHC5	0.132635	0.719839	1.25027	1.25027	0.0576556	0.26416	-3.78558	0.0824552	0.303339	-3.29664	0.652288	0.754813	-1.32483	0.0191875	0.17252	-5.79643	0.623028	1.35969	1.35969	0.515668	1.50494	1.50494	0.922965	0.941782	-1.06182	0.105832	0.334371	-2.99069	2.25824	13.7548	5.41418	1
cg00735962	PRKCB;PRKCB	0.132636	0.939807	0.985051	-1.01518	0.73441	1.07027	1.07027	0.721038	1.07413	1.07413	0.90175	1.02494	1.02494	0.677422	1.08701	1.08701	0.790153	1.05463	1.05463	0.452964	1.16471	1.16471	0.00214948	2.36196	2.36196	0.754729	1.0645	1.0645	2.25823	1.42253	0.55994	1
cg09462350	CXCR7	0.132641	0.0762897	0.0815194	-12.267	0.376211	0.315267	-3.17191	0.106687	0.106563	-9.3841	0.293701	0.250445	-3.99289	0.0346638	0.0436986	-22.884	0.337841	0.284804	-3.51119	0.0179098	0.0257996	-38.7603	0.0535554	0.0616147	-16.2299	0.428234	0.357692	-2.7957	2.2582	57.7885	22.7472	1
cg15353597	MAP4K4;MAP4K4;MAP4K4	0.132641	0.971509	1.01318	1.01318	0.0461423	2.31058	2.31058	0.181334	1.68223	1.68223	0.0525811	2.24291	2.24291	0.292076	0.669869	-1.49283	0.385055	1.386	1.386	0.110786	0.528949	-1.89054	0.52495	1.26634	1.26634	0.476524	0.766955	-1.30386	2.2582	4.8049	1.89134	1
cg25925210	TTLL4	0.132641	0.088069	0.253047	-3.95184	0.695702	0.750536	-1.33238	0.294996	2.20976	2.20976	0.10178	0.270447	-3.69758	0.128373	0.301218	-3.31985	0.115301	0.286514	-3.49023	0.0351556	0.166708	-5.99851	0.0897145	0.255203	-3.91844	0.174763	0.348628	-2.86838	2.2582	19.062	7.50334	1
cg04851992	MIR340;RNF130	0.132643	0.520984	1.29541	1.29541	0.868484	1.06815	1.06815	0.385892	1.42425	1.42425	0.290046	1.54786	1.54786	0.999584	1.00021	1.00021	0.997554	1.00122	1.00122	0.214507	1.68184	1.68184	0.00291648	5.08954	5.08954	0.329367	1.49255	1.49255	2.25817	5.66078	2.22826	1
cg11298535	SMOC2;SMOC2	0.132645	0.396811	0.725841	-1.37771	0.230007	0.628079	-1.59216	0.85447	0.934443	-1.07016	0.221788	0.622361	-1.60678	0.275292	0.657611	-1.52066	0.210145	0.614038	-1.62856	0.0153371	3.00122	3.00122	0.458623	0.756777	-1.32139	0.305006	1.48033	1.48033	2.25817	4.87745	1.91993	1
cg09484214	MIR372;MIR373	0.132647	0.0694843	0.322516	-3.10062	0.782637	1.16664	1.16664	0.155005	0.428194	-2.33539	0.892792	0.927605	-1.07805	0.0467644	0.281177	-3.55648	0.187546	0.459143	-2.17797	0.111273	0.380302	-2.62949	0.0173864	0.199085	-5.02298	0.811658	0.875432	-1.14229	2.25815	11.1081	4.37254	1
ch.1.4146056R	NSL1;NSL1	0.132648	0.0594185	0.280124	-3.56985	0.0178928	0.178879	-5.59038	0.0286478	0.213553	-4.68269	0.161208	0.408669	-2.44697	0.117649	0.361953	-2.76279	0.487027	0.655526	-1.52549	0.271314	0.504158	-1.9835	0.707129	0.797943	-1.25322	0.981032	1.01432	1.01432	2.25814	12.7905	5.03484	1
cg27227497	PKD1;PKD1	0.132651	0.612985	1.65161	1.65161	0.0111306	22.8868	22.8868	0.0113154	22.6476	22.6476	0.55106	1.81001	1.81001	0.701193	1.46121	1.46121	0.528485	1.87422	1.87422	0.918985	0.904764	-1.10526	0.951891	1.06115	1.06115	0.602328	1.67722	1.67722	2.25811	34.6074	13.6229	1
cg13365781	TET2;TET2	0.132652	0.505496	0.8957	-1.11645	0.445913	0.881023	-1.13504	0.0951823	1.34839	1.34839	0.00708307	0.567058	-1.76349	0.901358	1.02042	1.02042	0.53198	1.10872	1.10872	0.626306	0.923115	-1.08329	0.931371	1.01414	1.01414	0.41256	0.872337	-1.14635	2.2581	0.950544	0.374176	1
cg20301340	CCDC97	0.132656	0.804184	0.967906	-1.03316	0.015578	0.677414	-1.4762	0.313007	0.871942	-1.14687	0.656741	0.942958	-1.06049	0.501691	1.09367	1.09367	0.610051	1.06987	1.06987	0.771288	0.962449	-1.03902	0.0503086	1.34042	1.34042	0.21547	0.842658	-1.18672	2.25808	0.616636	0.242738	1
cg19092837	KIF1B;KIF1B	0.132657	0.236564	1.42725	1.42725	0.317384	1.34511	1.34511	0.113261	1.6395	1.6395	0.615301	1.15644	1.15644	0.112229	0.608925	-1.64224	0.103428	0.599955	-1.66679	0.08818	0.582914	-1.71552	0.194097	0.67429	-1.48304	0.70213	0.89563	-1.11653	2.25807	2.94274	1.15841	1
cg21053748	NDUFA4;NDUFA4	0.13266	0.186079	0.656076	-1.52421	0.0173869	2.38857	2.38857	0.39368	1.30041	1.30041	0.977678	1.00845	1.00845	0.469517	0.801536	-1.2476	0.0931188	0.573858	-1.74259	0.603926	0.854411	-1.1704	0.173838	0.647266	-1.54496	0.991238	1.00331	1.00331	2.25804	3.2325	1.27249	1
cg15527515	SLC7A8	0.132661	0.467459	1.44832	1.44832	0.0345478	3.43773	3.43773	0.307919	1.69677	1.69677	0.217223	0.521835	-1.91631	0.0651931	0.354475	-2.82107	0.395619	1.54625	1.54625	0.636755	0.787957	-1.2691	0.182028	0.491823	-2.03325	0.475506	0.695227	-1.43838	2.25804	8.97567	3.53332	1
cg00935388	RNASE8	0.132662	0.779947	1.03548	1.03548	0.737345	0.958967	-1.04279	0.969994	0.995329	-1.00469	0.00841495	0.657753	-1.52033	0.494431	1.09021	1.09021	0.819433	0.971939	-1.02887	0.107725	1.24421	1.24421	0.52691	1.08308	1.08308	0.21995	1.17416	1.17416	2.25803	0.554139	0.218141	1
cg05750321	CGNL1	0.132663	0.64855	0.887934	-1.12621	0.238751	0.72644	-1.37658	0.60224	1.14591	1.14591	0.00992826	2.32472	2.32472	0.163064	1.47056	1.47056	0.332695	0.771948	-1.29542	0.376378	1.26508	1.26508	0.473566	0.827949	-1.2078	0.604829	0.873529	-1.14478	2.25802	2.39935	0.944521	1
cg09332506	COPA;COPA	0.132664	0.0316147	0.564814	-1.77049	0.0893481	1.52903	1.52903	0.649062	1.10944	1.10944	0.192898	0.731714	-1.36665	0.0500003	0.60251	-1.65972	0.343905	0.801708	-1.24734	0.73264	1.08083	1.08083	0.514747	0.860923	-1.16154	0.431042	0.833451	-1.19983	2.25801	1.83763	0.723402	1
cg16642045	PLRG1	0.132668	0.766192	1.06561	1.06561	0.0370251	1.6754	1.6754	0.589837	1.12296	1.12296	0.55686	0.881067	-1.13499	0.787711	1.0592	1.0592	0.813316	0.950838	-1.0517	0.0127412	0.517093	-1.93389	0.444123	1.18087	1.18087	0.580148	1.12644	1.12644	2.25798	1.62392	0.63928	1
cg18407189	TCIRG1;TCIRG1	0.132672	0.285094	0.774055	-1.2919	0.133877	0.688725	-1.45196	0.181434	0.720911	-1.38713	0.675056	0.907325	-1.10214	0.153991	0.70325	-1.42197	0.432899	1.20275	1.20275	0.0175943	1.94702	1.94702	0.766557	0.93363	-1.07109	0.56221	0.87357	-1.14473	2.25795	1.90277	0.749064	1
cg03044281	RILP	0.132672	0.752879	1.22036	1.22036	0.0192449	5.96212	5.96212	0.00743062	8.79244	8.79244	0.845608	0.884333	-1.1308	0.692501	1.28481	1.28481	0.559559	1.45068	1.45068	0.340501	1.85773	1.85773	0.466822	1.59499	1.59499	0.572809	1.4323	1.4323	2.25795	14.2167	5.5967	1
cg25876319	KIRREL	0.132675	0.0400537	0.25874	-3.86488	0.146792	0.411784	-2.42846	0.295351	0.538858	-1.85578	0.87298	1.09544	1.09544	0.0144787	0.179676	-5.56558	0.271602	0.520969	-1.9195	0.101119	0.359552	-2.78124	0.123921	0.387004	-2.58396	0.139942	0.404602	-2.47157	2.25793	11.6087	4.57007	1
cg07660665	WDR37	0.132677	0.926969	1.0156	1.0156	0.890823	1.02346	1.02346	0.643061	1.08199	1.08199	0.0700125	0.710292	-1.40787	0.626502	0.920519	-1.08634	0.195558	1.26005	1.26005	0.00878426	0.5692	-1.75685	0.700845	0.936894	-1.06736	0.654301	1.07908	1.07908	2.25792	1.01972	0.401439	1
cg22368413	TNS1	0.132679	0.841776	0.951865	-1.05057	0.135789	1.48702	1.48702	0.423299	1.22368	1.22368	0.707647	1.09745	1.09745	0.395437	0.806692	-1.23963	0.57892	0.87078	-1.1484	0.969797	1.00939	1.00939	0.00472261	2.52562	2.52562	0.913763	1.0271	1.0271	2.2579	2.17855	0.857651	1
cg00244317	PHF17;PHF17	0.13268	0.517625	1.13873	1.13873	0.89265	1.0271	1.0271	0.728934	0.933422	-1.07133	0.0523121	1.54818	1.54818	0.017407	0.563602	-1.7743	0.321679	1.22478	1.22478	0.137254	1.373	1.373	0.862016	0.966133	-1.03505	0.942492	1.01439	1.01439	2.25789	1.40256	0.552161	1
cg26042618	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.132683	0.52323	0.749141	-1.33486	0.00949942	4.33554	4.33554	0.383063	1.49081	1.49081	0.0782932	0.417612	-2.39457	0.397522	0.679268	-1.47217	0.513497	0.743923	-1.34422	0.845999	0.916852	-1.09069	0.80056	1.11964	1.11964	0.824501	0.905605	-1.10423	2.25786	7.12674	2.8057	1
cg11213892	ALOX12P2	0.132685	0.458632	1.31107	1.31107	0.544282	1.24641	1.24641	0.337894	0.701466	-1.42559	0.0140469	2.96926	2.96926	0.467098	0.766755	-1.3042	0.432862	1.33278	1.33278	0.0697705	2.0706	2.0706	0.315885	1.4509	1.4509	0.0840404	1.98598	1.98598	2.25785	4.60641	1.81349	1
cg05564831	NT5DC2;NT5DC2	0.132685	0.195994	1.5855	1.5855	0.248248	0.665744	-1.50208	0.0440988	2.18073	2.18073	0.136553	1.7171	1.7171	0.242732	0.662277	-1.50994	0.471659	1.27991	1.27991	0.920801	0.967034	-1.03409	0.0540728	2.08962	2.08962	0.19674	1.58414	1.58414	2.25785	4.06284	1.59949	1
cg05348084	MIR376B;MIR300;MIR376A1	0.132686	0.899737	0.968032	-1.03302	0.290227	1.32701	1.32701	0.696739	0.903977	-1.10622	0.242878	1.37027	1.37027	0.142348	1.50158	1.50158	0.0305385	1.92541	1.92541	0.0106594	2.28769	2.28769	0.680723	1.11254	1.11254	0.959353	1.01322	1.01322	2.25784	2.37582	0.935333	1
cg04319882	CP110;CP110	0.132687	0.125227	0.768316	-1.30155	0.151878	1.2761	1.2761	0.633119	0.926468	-1.07937	0.395978	1.14804	1.14804	0.396002	0.871057	-1.14803	0.678381	0.935919	-1.06847	0.0178719	0.633071	-1.5796	0.17064	1.26078	1.26078	0.870415	1.02627	1.02627	2.25783	0.901947	0.355089	1
cg03903268	KIF13A;KIF13A;KIF13A;KIF13A	0.132688	0.185859	0.777942	-1.28544	0.380935	1.17454	1.17454	0.192981	1.2797	1.2797	0.728284	0.939475	-1.06442	0.017816	1.67476	1.67476	0.236629	1.24854	1.24854	0.0451159	1.50913	1.50913	0.556595	1.11232	1.11232	0.349443	1.18818	1.18818	2.25783	1.14594	0.451146	1
cg27119004	FBXO31;FBXO31	0.132689	0.630516	1.43025	1.43025	0.0101064	10.9814	10.9814	0.0130822	9.70555	9.70555	0.333321	2.08931	2.08931	0.939711	0.94568	-1.05744	0.686793	1.34891	1.34891	0.607818	1.46551	1.46551	0.352661	2.02624	2.02624	0.477507	1.70448	1.70448	2.25782	19.4954	7.67521	1
cg17795586	MED12L;P2RY13	0.13269	0.860857	0.950298	-1.0523	0.316369	1.3512	1.3512	0.928327	0.974197	-1.02649	0.64281	1.14535	1.14535	0.609008	1.16172	1.16172	0.0937876	1.70823	1.70823	0.00509657	2.93169	2.93169	0.0974205	1.69639	1.69639	0.430997	1.26308	1.26308	2.25781	3.01921	1.18865	1
cg08447324	SHANK1	0.13269	0.0502346	31.1681	31.1681	0.0762059	20.9025	20.9025	0.269228	5.88793	5.88793	0.207648	7.74668	7.74668	0.190332	8.47387	8.47387	0.164145	9.84947	9.84947	0.907342	1.19651	1.19651	0.0154785	97.1747	97.1747	0.0654659	24.1866	24.1866	2.25781	84.8975	33.4238	1
cg01079632	SMG1	0.132691	0.141707	0.49286	-2.02898	0.724805	1.17149	1.17149	0.971449	1.01616	1.01616	0.558059	0.767014	-1.30376	0.00564545	0.196632	-5.08563	0.130783	0.481596	-2.07643	0.314768	0.627825	-1.5928	0.923114	1.04417	1.04417	0.158367	0.509033	-1.96451	2.2578	7.17019	2.82289	1
cg20058043	FZD10	0.132694	0.563723	1.12471	1.12471	0.0202017	1.75773	1.75773	0.0635311	1.52211	1.52211	0.72033	1.07508	1.07508	0.34565	1.21601	1.21601	0.357723	1.2098	1.2098	0.366104	0.829463	-1.2056	0.130661	1.38913	1.38913	0.0395788	1.61493	1.61493	2.25778	1.4499	0.570827	1
ch.1.2890885R	PRPF3	0.132695	0.0794593	0.748272	-1.33641	0.00706052	0.595319	-1.67977	0.0420578	0.705436	-1.41756	0.198949	0.816935	-1.22409	0.444467	0.890365	-1.12313	0.630226	0.930293	-1.07493	0.759526	0.955295	-1.0468	0.708298	0.945552	-1.05758	0.713091	0.946471	-1.05656	2.25777	0.793453	0.312384	1
cg04233747	PRELID2;PRELID2;PRELID2	0.1327	0.10342	0.859685	-1.16322	0.707735	1.03249	1.03249	0.722606	1.03072	1.03072	0.274908	0.908077	-1.10123	0.637562	0.96052	-1.0411	0.374129	0.925483	-1.08052	0.186961	1.12607	1.12607	0.0451584	1.21542	1.21542	0.0617067	1.19558	1.19558	2.25773	0.257649	0.101438	1
cg09460500	CAMLG	0.1327	0.763599	0.911045	-1.09764	0.00823246	0.352068	-2.84036	0.0564465	0.51321	-1.94852	0.962607	1.01459	1.01459	0.113937	0.587923	-1.7009	0.259272	0.695235	-1.43836	0.548665	0.829076	-1.20616	0.542396	1.20981	1.20981	0.284815	0.709534	-1.40938	2.25773	3.41115	1.343	1
cg18494192	COL10A1;NT5DC1	0.132701	0.60324	0.740594	-1.35027	0.602254	0.739978	-1.35139	0.00553738	0.123983	-8.06561	0.624792	0.754056	-1.32616	0.0418716	0.261029	-3.831	0.59011	0.732387	-1.3654	0.163017	0.426229	-2.34615	0.620793	0.751558	-1.33057	0.15794	0.421216	-2.37408	2.25772	11.728	4.61744	1
cg12872398	KDM4B	0.132702	0.271991	0.777024	-1.28696	0.0403176	1.68644	1.68644	0.475239	1.17374	1.17374	0.832252	0.954279	-1.04791	0.158895	1.39406	1.39406	0.280363	1.28092	1.28092	0.128463	1.43696	1.43696	0.511475	0.863361	-1.15826	0.030376	1.75333	1.75333	2.25771	1.74062	0.685304	1
cg02371631	CDK15	0.132703	0.242584	0.384416	-2.60135	0.266884	0.404834	-2.47015	0.320308	0.448076	-2.23177	0.453781	0.550701	-1.81587	0.0211845	0.114605	-8.72565	0.913748	0.918788	-1.08839	0.0173626	0.103859	-9.6284	0.0576085	0.186654	-5.35749	0.15526	0.304548	-3.28356	2.2577	21.8525	8.60363	1
cg15319210	CDK19	0.132707	0.134198	0.661298	-1.51218	0.233989	0.726536	-1.37639	0.168854	0.687037	-1.45553	0.557337	0.859025	-1.16411	0.0132822	0.455838	-2.19376	0.334422	0.774994	-1.29033	0.0372321	0.538382	-1.85742	0.744941	1.08717	1.08717	0.091704	0.621602	-1.60875	2.25768	2.34425	0.922975	1
cg01054891	PEG3;PEG3;ZIM2;ZIM2;PEG3;ZIM2;MIMT1;PEG3	0.132709	0.375134	1.41547	1.41547	0.074016	0.467658	-2.13832	0.38584	0.712235	-1.40403	0.424026	0.732226	-1.3657	0.536891	0.787663	-1.26958	0.931823	1.0332	1.0332	0.0232329	0.355029	-2.81667	0.0207597	0.34555	-2.89393	0.594076	0.814379	-1.22793	2.25766	5.20987	2.05123	1
cg14235800	C9orf125	0.132709	0.12342	0.776071	-1.28854	0.0235199	0.663014	-1.50826	0.394277	0.875855	-1.14174	0.67183	0.937317	-1.06687	0.480686	1.11505	1.11505	0.970107	0.994323	-1.00571	0.0381642	1.44055	1.44055	0.502729	0.901831	-1.10886	0.764392	0.955364	-1.04672	2.25766	0.825187	0.324893	1
cg16414472	LRP5	0.13271	0.850826	0.893452	-1.11925	0.12988	2.662	2.662	0.740147	0.819407	-1.22039	0.493547	1.51602	1.51602	0.33319	0.550273	-1.81728	0.413762	1.64869	1.64869	0.0117301	0.151972	-6.58014	0.176959	2.36036	2.36036	0.639986	0.754354	-1.32564	2.25765	12.8043	5.04133	1
cg16372632	CES4	0.132715	0.253337	1.58873	1.58873	0.0452845	2.438	2.438	0.335241	1.47051	1.47051	0.476488	1.32435	1.32435	0.818406	0.914624	-1.09335	0.0589028	2.28831	2.28831	0.0316912	2.65734	2.65734	0.119021	1.92813	1.92813	0.321297	0.671915	-1.48828	2.25761	5.38411	2.11988	1
cg20593611	FIGN	0.132716	0.044624	2.07604	2.07604	0.0741696	1.87832	1.87832	0.173758	0.632246	-1.58166	0.558537	1.20614	1.20614	0.197749	1.53927	1.53927	0.518359	0.81266	-1.23053	0.186738	0.641854	-1.55799	0.276174	1.43169	1.43169	0.488452	0.800139	-1.24978	2.25761	3.58868	1.41297	1
cg02724047	B3GNT9	0.132721	0.0316017	0.312237	-3.20269	0.169083	0.50832	-1.96727	0.261215	0.582082	-1.71797	0.0710626	0.394045	-2.53778	0.0414382	0.337527	-2.96273	0.118707	0.457408	-2.18623	0.0291688	0.305109	-3.27752	0.249078	0.573277	-1.74436	0.440854	0.695583	-1.43764	2.25756	7.62638	3.00279	1
cg12077168	ATP1A4	0.132722	0.205479	0.620848	-1.6107	0.989996	0.995536	-1.00448	0.162487	1.70257	1.70257	0.571228	1.22655	1.22655	0.0224082	0.376722	-2.65448	0.701749	1.14719	1.14719	0.10904	1.86573	1.86573	0.182647	1.65647	1.65647	0.641968	0.846118	-1.18187	2.25756	4.55338	1.79284	1
cg22242764	RGMA;RGMA;RGMA	0.132722	0.428153	1.11038	1.11038	0.22212	0.846982	-1.18066	0.959328	1.00662	1.00662	0.536428	1.0844	1.0844	0.302429	0.870866	-1.14828	0.569886	0.928369	-1.07716	0.00417728	0.608496	-1.6434	0.648351	0.942303	-1.06123	0.678103	0.947412	-1.05551	2.25756	0.598955	0.235832	1
cg25191573	P4HTM;P4HTM	0.132724	0.582994	1.22333	1.22333	0.0371868	2.40956	2.40956	0.224518	1.59018	1.59018	0.163888	0.582697	-1.71616	0.485777	0.772981	-1.29369	0.24061	1.56307	1.56307	0.0974366	1.93714	1.93714	0.0591704	2.16962	2.16962	0.297477	1.48094	1.48094	2.25754	4.72586	1.86077	1
cg19370043	PRRX1;PRRX1	0.132726	0.984172	0.993497	-1.00655	0.981381	0.992355	-1.0077	0.947449	0.978555	-1.02191	0.799958	0.919882	-1.0871	0.604297	0.842029	-1.18761	0.711345	0.884932	-1.13003	0.225786	1.51945	1.51945	0.583421	0.833482	-1.19979	0.00336495	0.269312	-3.71316	2.25753	3.86733	1.52274	1
cg27321750	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.132727	0.0694398	8.48678	8.48678	0.0187041	20.1013	20.1013	0.0886674	7.22522	7.22522	0.2442	3.6072	3.6072	0.327711	2.89752	2.89752	0.52682	1.96449	1.96449	0.760766	0.725012	-1.37929	0.0753699	8.04204	8.04204	0.0604586	9.29318	9.29318	2.25752	39.6445	15.6098	1
cg05540789	ANKAR	0.13273	0.480763	0.79172	-1.26307	0.016226	2.60662	2.60662	0.0165707	2.59527	2.59527	0.369936	1.34991	1.34991	0.736391	1.11639	1.11639	0.272742	1.4506	1.4506	0.273849	1.44926	1.44926	0.499291	1.25043	1.25043	0.203063	1.54937	1.54937	2.2575	3.79656	1.4949	1
cg13904571	CSK;CSK	0.13273	0.606976	0.819576	-1.22014	0.527345	1.27836	1.27836	0.759916	1.12472	1.12472	0.864804	0.936742	-1.06753	0.120351	1.90806	1.90806	0.561266	1.25265	1.25265	0.0108721	0.293401	-3.4083	0.336885	1.46182	1.46182	0.167467	1.75811	1.75811	2.2575	5.25752	2.07015	1
cg07069844	TCF3;TCF3	0.132732	0.0819155	0.390386	-2.56157	0.0879833	0.399012	-2.50619	0.0563604	0.348431	-2.87001	0.204668	0.520449	-1.92142	0.103955	0.420001	-2.38095	0.278859	0.5773	-1.7322	0.0946963	0.408112	-2.45031	0.163581	2.06571	2.06571	0.600183	0.772547	-1.29442	2.25748	8.51276	3.35192	1
cg17996395	DPYSL2	0.132733	0.525755	1.52782	1.52782	0.0121355	7.85398	7.85398	0.0265237	5.66113	5.66113	0.482057	1.60165	1.60165	0.24257	0.446548	-2.2394	0.503393	1.56466	1.56466	0.463505	1.63542	1.63542	0.553589	1.48444	1.48444	0.868707	0.896676	-1.11523	2.25747	15.5375	6.11796	1
cg20413454	C1orf163	0.132733	0.288026	0.681814	-1.46668	0.282476	1.47371	1.47371	0.247045	0.656875	-1.52236	0.0365073	2.3254	2.3254	0.763982	0.900725	-1.11022	0.0572219	0.473806	-2.11057	0.105533	0.54119	-1.84778	0.975396	1.01077	1.01077	0.786064	0.90986	-1.09907	2.25747	4.31039	1.69723	1
cg06268632	WNT9A	0.132734	0.174732	0.629391	-1.58884	0.635077	0.85783	-1.16573	0.287718	0.70184	-1.42483	0.655824	0.86599	-1.15475	0.00324582	0.275937	-3.62402	0.92025	1.03264	1.03264	0.638656	1.16382	1.16382	0.892001	0.957363	-1.04454	0.725732	0.893177	-1.1196	2.25746	3.67832	1.44836	1
cg07749943	DOK7;DOK7	0.132738	0.0257162	0.573127	-1.74481	0.423715	1.1873	1.1873	0.263975	0.782969	-1.27719	0.604371	1.11609	1.11609	0.0511148	0.627032	-1.59482	0.766161	1.06467	1.06467	0.112321	0.695408	-1.438	0.517893	1.14768	1.14768	0.175648	0.738905	-1.35335	2.25743	1.57852	0.62156	1
cg01181105	XRCC3;XRCC3;XRCC3;KLC1;KLC1	0.13274	0.452192	1.41033	1.41033	0.0169411	3.69697	3.69697	0.01649	3.72559	3.72559	0.899073	1.05862	1.05862	0.509636	1.35024	1.35024	0.105509	2.21198	2.21198	0.26372	1.68711	1.68711	0.961631	1.02183	1.02183	0.708852	0.845029	-1.18339	2.25742	7.20507	2.83709	1
cg01111397	DLX2	0.132741	0.853161	1.09887	1.09887	0.194143	0.494116	-2.02381	0.463542	1.4632	1.4632	0.907692	1.06079	1.06079	0.206272	0.504672	-1.98148	0.269981	1.80044	1.80044	?	?	?	?	?	?	0.0180835	4.51253	4.51253	2.42442	7.56743	3.12134	1
cg08610201	REEP6;PCSK4	0.132742	0.847175	1.02922	1.02922	0.578173	1.08747	1.08747	0.681174	0.940193	-1.06361	0.16342	0.800883	-1.24862	0.0526175	0.719703	-1.38946	0.0140626	0.636008	-1.57231	0.234147	0.830122	-1.20464	0.325979	1.16345	1.16345	0.319932	0.857767	-1.16582	2.2574	0.796702	0.313714	1
cg09101826	MESP1;MESP1	0.132742	0.241277	0.650832	-1.5365	0.187446	1.63097	1.63097	0.056176	2.13245	2.13245	0.9166	1.03736	1.03736	0.991541	0.996295	-1.00372	0.790437	1.09775	1.09775	0.0194905	0.372062	-2.68772	0.342568	1.40831	1.40831	0.817857	0.922402	-1.08413	2.2574	4.38327	1.72599	1
cg03049340	ADPRHL1;ADPRHL1	0.132748	0.0157083	0.476951	-2.09665	0.484247	0.837153	-1.19452	0.055042	0.580441	-1.72283	0.474079	0.833561	-1.19967	0.0169479	0.482758	-2.07143	0.59095	0.87313	-1.1453	0.682681	0.902325	-1.10825	0.99711	1.00091	1.00091	0.355999	0.788672	-1.26795	2.25736	2.23542	0.880251	1
cg07460449	TSNAXIP1;RANBP10	0.132748	0.0596542	1.77803	1.77803	0.0590361	1.78115	1.78115	0.584035	1.1615	1.1615	0.744875	0.915383	-1.09244	0.215194	0.702399	-1.42369	0.157295	0.663976	-1.50608	0.578091	0.858875	-1.16431	0.0911593	1.65502	1.65502	0.397243	1.26455	1.26455	2.25735	2.62125	1.03218	1
cg04317543	LMNA;LMNA;LMNA;LMNA;LMNA;LMNA	0.132751	?	?	?	0.739586	0.779709	-1.28253	0.0692376	0.150421	-6.648	0.831997	1.17095	1.17095	0.0613731	0.136085	-7.34833	0.192933	3.13213	3.13213	?	?	?	?	?	?	0.274531	2.48474	2.48474	4.21066	19.5928	2.32657	1
cg14348658	PFKFB3;PFKFB3	0.132752	0.474105	1.2128	1.2128	0.0219523	2.07179	2.07179	0.42568	0.806076	-1.24058	0.442617	0.812641	-1.23056	0.359414	1.28367	1.28367	0.287142	0.746095	-1.34031	0.858801	1.04832	1.04832	0.45242	1.22491	1.22491	0.0291294	1.97664	1.97664	2.25732	2.51086	0.988728	1
cg24862153	C19orf66	0.132753	0.0375549	2.30961	2.30961	0.171268	1.65757	1.65757	0.154651	1.69639	1.69639	0.445155	1.30999	1.30999	0.153288	0.58831	-1.69978	0.202284	1.59527	1.59527	0.222414	1.56025	1.56025	0.166262	0.599232	-1.6688	0.818617	0.923403	-1.08295	2.25731	4.30282	1.69437	1
cg12221713	ZFYVE28	0.132756	0.962492	0.986479	-1.01371	0.112609	0.606547	-1.64868	0.0233548	0.456407	-2.19103	0.384699	0.772597	-1.29434	0.0540862	0.531062	-1.88302	0.102801	0.596495	-1.67646	0.205247	1.47238	1.47238	0.785585	0.924097	-1.08214	0.32534	0.745284	-1.34177	2.25729	2.99576	1.17969	1
cg10333041	WEE1;WEE1	0.132757	0.224801	0.775978	-1.2887	0.031029	1.65472	1.65472	0.53407	1.13346	1.13346	0.574421	0.893269	-1.11948	0.130331	1.38407	1.38407	0.610438	0.902843	-1.10761	0.0733053	0.672149	-1.48776	0.291076	1.24351	1.24351	0.448454	1.1661	1.1661	2.25728	1.4147	0.557092	1
cg08761324	TIAL1;TIAL1	0.132759	0.300705	0.795456	-1.25714	0.728375	1.07724	1.07724	0.638255	0.903886	-1.10633	0.927015	1.01974	1.01974	0.0177965	0.540721	-1.84938	0.932661	1.0182	1.0182	0.026069	1.7568	1.7568	0.483254	0.858949	-1.16421	0.820015	1.04983	1.04983	2.25727	1.62797	0.641076	1
cg22461615	THAP9;THAP9	0.132759	0.362656	0.831905	-1.20206	0.860052	1.03532	1.03532	0.532701	0.883117	-1.13235	0.180758	1.32251	1.32251	0.472026	1.15476	1.15476	0.788902	0.948585	-1.0542	0.00496929	0.48119	-2.07818	0.99485	1.00127	1.00127	0.974733	0.99379	-1.00625	2.25726	1.3832	0.54469	1
cg08480854	CLCN7;CLCN7	0.132763	0.529967	0.874522	-1.14348	0.0909082	1.48062	1.48062	0.0918123	1.47868	1.47868	0.736622	1.07373	1.07373	0.851557	1.04027	1.04027	0.548877	1.13635	1.13635	0.122401	1.42302	1.42302	0.361306	1.21866	1.21866	0.00818685	2.04016	2.04016	2.25724	1.58758	0.625181	1
cg21216570	COL5A1	0.132763	0.579039	0.77552	-1.28946	0.0141789	0.253392	-3.94646	0.464605	0.713459	-1.40162	0.723643	0.851247	-1.17475	0.283244	0.603047	-1.65825	0.492036	0.728652	-1.3724	0.0170241	0.267178	-3.74283	0.413268	0.684247	-1.46146	0.0560561	0.374676	-2.66897	2.25724	7.3567	2.89703	1
cg02723904	TRIM59	0.132763	0.0350589	40.5523	40.5523	0.470119	3.02806	3.02806	0.188855	8.15767	8.15767	0.0963551	15.6872	15.6872	0.533302	0.386217	-2.58922	0.39325	3.7383	3.7383	0.10392	14.5986	14.5986	0.0230349	60.2562	60.2562	0.127283	12.0182	12.0182	2.25724	81.2738	32.0052	1
cg18154662	CHD1L	0.132763	0.833003	0.954256	-1.04794	0.033891	0.577389	-1.73193	0.172448	1.37992	1.37992	0.121954	0.689523	-1.45028	0.411764	0.830181	-1.20456	0.136158	0.700404	-1.42775	0.210371	1.34004	1.34004	0.871545	0.964751	-1.03654	0.112935	0.682082	-1.4661	2.25724	1.75805	0.69231	1
cg15370536	THRA;THRA	0.132764	0.346765	1.4563	1.4563	0.248687	1.59651	1.59651	0.373266	1.42564	1.42564	0.316364	0.66905	-1.49466	0.70477	0.862702	-1.15915	0.0980377	0.494545	-2.02206	0.406328	1.39039	1.39039	0.0132574	3.28993	3.28993	0.555692	1.26015	1.26015	2.25723	5.38121	2.1191	1
cg02172901	PMS2CL	0.132767	0.167993	0.738591	-1.35393	0.841107	0.959451	-1.04226	0.04515	0.622518	-1.60638	0.268071	0.78828	-1.26858	0.824227	0.955161	-1.04694	0.835156	1.04391	1.04391	0.025773	1.72639	1.72639	0.276695	1.26279	1.26279	0.822645	1.04738	1.04738	2.2572	1.52031	0.598699	1
cg04523268	FAM69B	0.132769	0.197584	1.28322	1.28322	0.644733	1.08873	1.08873	0.0532299	1.49499	1.49499	0.370819	0.845134	-1.18324	0.467317	1.14502	1.14502	0.0608438	1.47242	1.47242	0.172604	0.766609	-1.30445	0.155362	0.757005	-1.32099	0.367948	1.18451	1.18451	2.25719	1.19848	0.471964	1
cg16106368	CRMP1;CRMP1	0.132769	0.706685	0.863828	-1.15764	0.554702	0.793447	-1.26032	0.669645	1.18078	1.18078	0.596107	1.23013	1.23013	0.00535592	0.241666	-4.13795	0.828003	0.919201	-1.0879	0.341127	0.683977	-1.46204	0.540079	1.27148	1.27148	0.20061	1.68781	1.68781	2.25719	5.35984	2.11072	1
cg10117831	FOXN3;FOXN3	0.132771	0.738358	0.83178	-1.20224	0.143822	2.36995	2.36995	0.0307587	4.03101	4.03101	0.0669624	3.09027	3.09027	0.537373	0.709537	-1.40937	0.282849	0.541666	-1.84616	0.190197	0.466608	-2.14313	0.671379	0.790991	-1.26424	0.398742	1.60751	1.60751	2.25717	10.7916	4.24979	1
cg05114739	HDAC4	0.132772	0.676616	0.788582	-1.2681	0.00459134	0.118067	-8.46975	0.103954	0.365415	-2.73662	0.584062	1.36761	1.36761	0.443805	0.642687	-1.55597	0.414558	0.623581	-1.60364	0.201868	0.466217	-2.14492	0.428573	0.632778	-1.58033	0.857967	1.10676	1.10676	2.25717	11.4628	4.51413	1
cg22132982	WNT7A	0.132772	0.65113	0.849334	-1.17739	0.105866	1.88446	1.88446	0.209199	0.621982	-1.60776	0.166742	0.589273	-1.69701	0.102899	0.527246	-1.89665	0.148316	0.57336	-1.74411	0.0331461	0.409236	-2.44358	0.618248	0.835081	-1.19749	0.116053	0.541872	-1.84545	2.25716	4.6005	1.81172	1
cg22858500	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.132773	0.06771	0.591177	-1.69154	0.0429082	0.549667	-1.81928	0.0274912	0.511878	-1.95359	0.259188	0.739093	-1.35301	0.0345141	0.530887	-1.88364	0.801642	1.06679	1.06679	0.520433	0.84593	-1.18213	0.591034	0.86995	-1.14949	0.210347	0.712469	-1.40357	2.25716	2.35815	0.928661	1
cg00547304	LOC90586	0.132773	0.47138	0.782061	-1.27867	0.024942	0.399301	-2.50438	0.19571	0.630094	-1.58707	0.354858	0.726216	-1.377	0.0110244	0.330617	-3.02465	0.294061	0.693324	-1.44233	0.0905766	0.530717	-1.88424	0.538128	0.811391	-1.23245	0.110376	0.554274	-1.80416	2.38159	4.13539	1.35053	1
cg05444312	HIST1H2BM;HIST1H2AJ	0.132776	0.199221	0.0804204	-12.4347	0.306864	7.1394	7.1394	0.0643347	47.5608	47.5608	0.129163	0.0475141	-21.0464	0.214231	11.3563	11.3563	0.953336	1.11487	1.11487	0.915932	0.821847	-1.21677	0.303088	7.25817	7.25817	0.0397974	82.8005	82.8005	2.25714	123.427	48.607	1
cg17303711	ZSCAN22	0.132777	0.144362	0.732685	-1.36484	0.784231	1.05595	1.05595	0.588948	1.11429	1.11429	0.282873	1.24774	1.24774	0.881944	0.970954	-1.02992	0.401428	0.843366	-1.18572	0.00783671	0.50819	-1.96777	0.328202	1.22163	1.22163	0.762306	1.06202	1.06202	2.25713	1.40656	0.553922	1
cg10761804	KLF16	0.13278	0.803461	0.842806	-1.18651	0.486473	0.615724	-1.6241	0.24463	0.43398	-2.30425	0.987173	0.989035	-1.01109	0.250107	0.438552	-2.28023	0.737673	1.25928	1.25928	0.029795	5.77604	5.77604	0.0240383	6.33388	6.33388	0.684556	1.32329	1.32329	2.2571	16.8143	6.62178	1
cg23699041	KIAA0317;FCF1	0.132787	0.691914	1.10298	1.10298	0.481714	1.19241	1.19241	0.233589	1.35979	1.35979	0.0144201	0.476127	-2.10028	0.228217	0.73254	-1.36511	0.214626	0.725069	-1.37918	0.161979	1.44407	1.44407	0.936702	0.980644	-1.01974	0.53836	1.16569	1.16569	2.25705	2.16481	0.852564	1
cg01753176	MAD1L1;MAD1L1;MAD1L1	0.132788	0.104692	0.473226	-2.11316	0.0128063	0.271338	-3.68544	0.460911	0.728544	-1.3726	0.646305	1.21524	1.21524	0.0993015	0.466606	-2.14314	0.100753	0.468413	-2.13487	0.910097	1.04881	1.04881	0.248834	0.601365	-1.66288	0.0981191	0.465121	-2.14998	2.25704	6.36281	2.50586	1
cg18307968	OR2J3	0.132789	0.184529	1.58859	1.58859	0.468371	0.784565	-1.27459	0.912771	1.03669	1.03669	0.158636	0.609252	-1.64136	0.0200975	0.397646	-2.5148	0.907358	1.03903	1.03903	0.312779	1.40967	1.40967	0.072523	0.517395	-1.93276	0.635643	1.16994	1.16994	2.25703	3.86573	1.52245	1
cg06415550	PTDSS2	0.132794	0.314237	0.821869	-1.21674	0.362359	1.193	1.193	0.745653	1.06327	1.06327	0.765053	1.05812	1.05812	0.296327	0.815373	-1.22643	0.00471968	0.492817	-2.02915	0.541282	1.12363	1.12363	0.867291	1.03203	1.03203	0.626081	0.911597	-1.09698	2.25699	1.27003	0.500185	1
cg09702105	HADH	0.132796	0.0427893	2.21545	2.21545	0.118389	0.560828	-1.78308	0.858202	0.940815	-1.06291	0.0981672	1.85675	1.85675	0.42999	0.75971	-1.31629	0.0914618	1.88518	1.88518	0.291678	1.45244	1.45244	0.776881	1.10177	1.10177	0.347763	0.719071	-1.39068	2.25698	4.15989	1.63833	1
cg21044577	ING1;ING1;ING1	0.132796	0.944645	1.02092	1.02092	0.593819	0.851712	-1.17411	0.0982089	1.7174	1.7174	0.610244	0.857786	-1.16566	0.307953	0.730035	-1.3698	0.226073	0.684527	-1.46086	0.696965	0.889863	-1.12377	0.0100981	2.63218	2.63218	0.832981	1.06499	1.06499	2.25697	3.17805	1.25165	1
cg17765437	TERT;TERT	0.132799	0.095014	0.668608	-1.49565	0.111922	0.683971	-1.46205	0.0684261	0.639134	-1.56462	0.0721926	0.643836	-1.55319	0.0938748	0.667495	-1.49814	0.310808	0.79445	-1.25873	0.118327	1.45074	1.45074	0.506844	0.862628	-1.15925	0.802072	0.946378	-1.05666	2.25696	1.72108	0.677835	1
cg04755561	PKMYT1;PKMYT1	0.132799	0.0351077	0.28908	-3.45925	0.0614975	0.34474	-2.90073	0.102357	0.405043	-2.46888	0.135892	0.443761	-2.25346	0.0351156	0.2891	-3.45901	0.140052	0.44814	-2.23144	0.130051	0.437475	-2.28585	0.0728768	0.36367	-2.74975	0.242115	0.538513	-1.85697	2.25695	9.1363	3.59828	1
cg23694080	RASSF4	0.132799	0.923571	1.01453	1.01453	0.0259102	1.48818	1.48818	0.296312	1.1768	1.1768	0.0389811	1.43226	1.43226	0.0425611	1.42055	1.42055	0.859347	1.02702	1.02702	0.0881353	1.32698	1.32698	0.238531	1.20393	1.20393	0.745265	0.952173	-1.05023	2.25695	0.807863	0.318173	1
cg03037740	RING1	0.1328	0.250015	0.862931	-1.15884	0.819321	1.02846	1.02846	0.228729	1.16755	1.16755	0.296769	0.87576	-1.14187	0.636281	1.06016	1.06016	0.436778	1.10218	1.10218	0.00661923	0.649029	-1.54076	0.522639	0.923618	-1.0827	0.741524	0.960222	-1.04143	2.25695	0.53757	0.21172	1
cg01374266	WNT7A	0.132803	0.0540078	0.322029	-3.10531	0.0582434	0.32995	-3.03076	0.121051	0.418553	-2.38918	0.213611	0.507397	-1.97084	0.0356937	0.281841	-3.5481	0.159218	0.458678	-2.18018	0.0476528	0.309318	-3.23292	0.15795	0.457441	-2.18607	0.0888739	0.37825	-2.64376	2.25692	9.59372	3.77849	1
cg09596614	C9orf152;C9orf152	0.132804	0.0100018	0.166356	-6.0112	0.25687	0.52065	-1.92068	0.385866	0.612446	-1.6328	0.221798	0.492506	-2.03043	0.0999916	0.370061	-2.70226	0.287391	0.543765	-1.83903	0.0215859	0.218318	-4.58046	0.299517	0.552658	-1.80944	0.407549	0.62672	-1.59561	2.25691	10.8732	4.28244	1
cg12056017	ANKRD44	0.132806	0.243411	0.454404	-2.20069	0.684265	0.767819	-1.30239	0.620026	1.38125	1.38125	0.688033	0.770407	-1.29801	0.0450078	0.226152	-4.42181	0.278839	0.483055	-2.07016	0.0194586	0.161156	-6.20518	0.13865	2.80148	2.80148	0.376919	0.556591	-1.79665	2.2569	14.9268	5.87899	1
cg08015253	MOCOS	0.132807	0.0585044	0.66808	-1.49683	0.241714	0.793554	-1.26015	0.776044	1.05529	1.05529	0.874368	0.970583	-1.03031	0.510917	1.13409	1.13409	0.391058	0.847189	-1.18037	0.757776	0.943297	-1.06011	0.0124397	1.79848	1.79848	0.821158	0.958175	-1.04365	2.25689	1.27277	0.501289	1
cg06178310	CLDN16	0.132807	0.560288	1.26876	1.26876	0.812524	0.908434	-1.1008	0.512981	1.30757	1.30757	0.886145	1.05962	1.05962	0.00961049	0.265801	-3.76221	0.178199	0.560897	-1.78286	0.753814	1.1356	1.1356	0.732114	0.870327	-1.14899	0.0463421	0.397537	-2.51549	2.25689	5.83962	2.29997	1
cg14935378	C7orf23;C7orf23	0.132808	0.972124	0.995758	-1.00426	0.379878	1.11583	1.11583	0.134833	1.2167	1.2167	0.667326	1.05402	1.05402	0.637435	0.943878	-1.05946	0.37694	1.11663	1.11663	0.117792	0.813295	-1.22957	0.0128562	0.686696	-1.45625	0.69072	1.04986	1.04986	2.25688	0.529136	0.208404	1
cg16019436	PROZ	0.132809	0.949233	1.01245	1.01245	0.216414	0.776647	-1.28759	0.0241099	0.592946	-1.68649	0.262337	0.796835	-1.25496	0.0881539	0.693745	-1.44145	0.286313	0.806406	-1.24007	0.12542	1.38027	1.38027	0.809019	0.954037	-1.04818	0.317937	1.22213	1.22213	2.25688	1.34971	0.531594	1
cg07947930	PRELP;PRELP;PRELP;PRELP	0.13281	0.33586	0.624117	-1.60226	0.00820756	0.200578	-4.9856	0.79124	0.881592	-1.13431	0.373821	1.54291	1.54291	0.180642	0.509004	-1.96462	0.351171	0.633925	-1.57747	0.326008	0.617705	-1.61889	0.224882	0.545766	-1.83229	0.289232	1.68639	1.68639	2.25687	8.06621	3.17695	1
cg02430497	GTPBP4	0.132811	0.393183	1.1043	1.1043	0.627187	1.05709	1.05709	0.955497	1.00635	1.00635	0.582185	0.938914	-1.06506	0.204278	1.16411	1.16411	0.16363	0.844826	-1.18368	0.0082503	0.68166	-1.46701	0.72658	0.960961	-1.04062	0.449511	1.09135	1.09135	2.25686	0.4599	0.181136	1
cg15073906	RALGPS2	0.132812	0.267561	0.776665	-1.28756	0.236079	1.3122	1.3122	0.574585	1.13214	1.13214	0.414495	0.833151	-1.20026	0.0133529	0.511355	-1.95559	0.417223	0.834077	-1.19893	0.143353	1.41078	1.41078	0.267957	0.77684	-1.28727	0.823787	1.05002	1.05002	2.25685	1.71173	0.674187	1
cg15739309	CLN8	0.132816	0.0453448	0.584972	-1.70948	0.0470049	0.58803	-1.70059	0.845101	0.955343	-1.04674	0.444247	0.833465	-1.19981	0.0186492	0.51375	-1.94647	0.862881	1.0412	1.0412	0.233301	0.746861	-1.33894	0.0778013	0.632701	-1.58052	0.842603	0.954628	-1.04753	2.25682	1.94977	0.767952	1
cg23021059	KRT73	0.132821	0.131652	0.650734	-1.53673	0.48684	0.829842	-1.20505	0.00985895	0.422718	-2.36564	0.547886	0.851682	-1.17415	0.0267569	0.500153	-1.99939	0.368689	0.78368	-1.27603	0.526914	0.844293	-1.18442	0.0778487	0.596107	-1.67755	0.447232	0.815044	-1.22693	2.25678	2.49126	0.981245	1
cg18233497	MC4R;MC4R	0.132822	0.332014	0.712751	-1.40302	0.0603649	0.488385	-2.04756	0.0641141	0.494618	-2.02176	0.395122	0.744768	-1.3427	0.112052	0.556849	-1.79582	0.157665	0.599776	-1.66729	0.0126536	0.350387	-2.85399	0.0788844	0.516734	-1.93523	0.529114	0.805949	-1.24077	2.25678	4.09194	1.61172	1
cg06380725	TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2	0.132822	0.17414	0.456798	-2.18915	0.0188839	0.214138	-4.66988	0.233382	0.508067	-1.96824	0.861592	0.90976	-1.09919	0.0909842	0.364575	-2.74292	0.697843	1.23545	1.23545	0.116316	0.39658	-2.52156	0.171114	2.20288	2.20288	0.683813	0.800988	-1.24846	2.25677	10.4978	4.13484	1
cg13221074	GPR137;BAD;BAD;GPR137;GPR137	0.132822	0.559348	1.20378	1.20378	0.0475923	2.03762	2.03762	0.0129442	2.6356	2.6356	0.729755	1.1151	1.1151	0.251965	1.45639	1.45639	0.265335	1.44004	1.44004	0.201876	0.654847	-1.52707	0.679856	0.87778	-1.13924	0.501288	1.23915	1.23915	2.25677	3.52752	1.38941	1
cg19535375	C11orf20	0.132823	0.0428965	1.32215	1.32215	0.0300623	1.35768	1.35768	0.0682679	1.27718	1.27718	0.0495055	1.30813	1.30813	0.473546	1.09129	1.09129	0.713317	1.04522	1.04522	0.084594	1.25685	1.25685	0.143901	1.20704	1.20704	0.858986	1.02154	1.02154	2.25677	0.513347	0.202196	1
cg13049992	GRAMD3;GRAMD3;GRAMD3;GRAMD3;GRAMD3	0.132824	0.849531	0.971144	-1.02971	0.0214676	1.53097	1.53097	0.140652	1.27677	1.27677	0.888124	0.978534	-1.02194	0.0987874	1.32187	1.32187	0.392059	1.14474	1.14474	0.0232245	1.51933	1.51933	0.671457	0.936344	-1.06798	0.884045	1.02275	1.02275	2.25676	0.849469	0.334587	1
cg14603466	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.132827	0.596043	1.12045	1.12045	0.175569	1.35824	1.35824	0.726248	1.07759	1.07759	0.0508887	1.60449	1.60449	0.226987	1.30949	1.30949	0.0521379	0.625249	-1.59936	0.387153	0.828251	-1.20736	0.162927	1.37248	1.37248	0.181722	1.35169	1.35169	2.25673	1.61518	0.636194	1
cg09319621	SMAP1;SMAP1	0.132828	0.579976	0.872089	-1.14667	0.619077	1.13056	1.13056	0.268983	1.32561	1.32561	0.902739	0.970511	-1.03038	0.445842	1.20957	1.20957	0.175172	1.42336	1.42336	0.0098275	0.449762	-2.2234	0.369348	1.25323	1.25323	0.272433	1.32271	1.32271	2.25673	2.14254	0.843914	1
cg06238667	KIF13B	0.132828	0.696455	1.2128	1.2128	0.0647531	0.36029	-2.77555	0.509257	0.719298	-1.39024	0.545826	0.740201	-1.35098	0.559824	1.33666	1.33666	0.244684	1.82013	1.82013	0.0186227	4.07053	4.07053	0.176884	2.02669	2.02669	0.395602	1.53441	1.53441	2.25673	8.65592	3.40943	1
cg13248811	SOD3	0.132829	0.199346	0.361127	-2.76911	0.0745775	0.222114	-4.50219	0.876975	1.12231	1.12231	0.0171118	0.107086	-9.33833	0.892283	1.10618	1.10618	0.0276544	0.136502	-7.32589	0.852588	0.870611	-1.14862	0.933162	1.06447	1.06447	0.87681	1.12249	1.12249	2.3811	20.4771	6.68877	1
cg26581729	NPDC1	0.13283	0.0723844	0.347582	-2.87702	0.61886	0.767724	-1.30255	0.186848	2.09061	2.09061	0.527405	0.71356	-1.40142	0.314054	0.577663	-1.73111	0.710094	0.821351	-1.21751	0.037063	0.279137	-3.58247	0.0242292	0.242689	-4.12051	0.330398	0.588982	-1.69784	2.25671	9.92882	3.91083	1
cg21159128	SSBP3;SSBP3;SSBP3	0.132833	0.0741414	4.74763	4.74763	0.00964276	13.7197	13.7197	0.544787	1.6041	1.6041	0.710425	1.3327	1.3327	0.986223	1.01338	1.01338	0.872885	0.884052	-1.13116	0.840864	0.856632	-1.16736	0.0474716	5.94296	5.94296	0.832462	0.849536	-1.17711	2.38106	21.8642	7.14196	1
cg02209932	MEIS1	0.132834	0.942792	1.00903	1.00903	0.199926	0.844068	-1.18474	0.232771	1.16958	1.16958	0.0299874	0.726422	-1.37661	0.0868648	0.789204	-1.2671	0.741872	0.959465	-1.04225	0.944655	0.991346	-1.00873	0.704034	1.04894	1.04894	0.0799327	1.27539	1.27539	2.25668	0.560173	0.220648	1
cg00411948	IGSF9B	0.132838	0.0999839	1.50937	1.50937	0.0811187	1.55534	1.55534	0.645539	0.899616	-1.11159	0.0425617	1.70463	1.70463	0.247588	0.758728	-1.318	0.0581527	1.63081	1.63081	0.399104	1.21796	1.21796	0.828273	1.05087	1.05087	0.1544	1.41651	1.41651	2.25664	1.86456	0.734447	1
cg07515787	ST6GAL2;ST6GAL2	0.132839	0.043675	0.71512	-1.39837	0.25003	1.18982	1.18982	0.0996762	1.29809	1.29809	0.885882	0.979451	-1.02098	0.789211	0.961999	-1.0395	0.841104	1.02945	1.02945	0.0340643	1.42996	1.42996	0.965239	0.993719	-1.00632	0.323989	0.863052	-1.15868	2.25664	0.747171	0.29431	1
cg06600287	ECHDC2	0.132844	0.303544	0.554012	-1.80501	0.0886782	2.83132	2.83132	0.00987834	6.09053	6.09053	0.750695	0.838073	-1.19321	0.914598	1.06125	1.06125	0.36615	0.597777	-1.67287	0.772412	1.17435	1.17435	0.992304	0.994669	-1.00536	0.314288	0.561746	-1.78016	2.2566	10.9764	4.32367	1
cg05396182	MTF2;MTF2;MTF2;MTF2	0.132845	0.0364197	2.88663	2.88663	0.121913	2.07682	2.07682	0.0806028	2.32725	2.32725	0.12429	2.06569	2.06569	0.0892796	2.26315	2.26315	0.84156	1.09116	1.09116	0.319897	1.56524	1.56524	0.0652837	2.46456	2.46456	0.0338641	2.94418	2.94418	2.25659	6.79083	2.67496	1
cg01346589	RCC2;RCC2	0.132848	0.156598	1.20917	1.20917	0.0584237	1.3074	1.3074	0.0389397	1.34936	1.34936	0.16408	0.830176	-1.20456	0.606364	0.936925	-1.06732	0.814217	0.970924	-1.02995	0.366165	1.12342	1.12342	0.304363	1.14264	1.14264	0.0986254	1.25485	1.25485	2.25657	0.561555	0.221203	1
cg00046991	MYO1D	0.132849	0.0309113	0.115269	-8.67537	0.36479	0.45206	-2.2121	0.0829321	0.194584	-5.13917	0.677063	1.42915	1.42915	0.0726073	0.181276	-5.51645	0.358458	0.447056	-2.23686	0.621629	0.654334	-1.52827	0.644065	0.672567	-1.48684	0.0176035	0.0852316	-11.7327	2.25656	25.9772	10.2328	1
cg22631459	OLFM2	0.132864	0.807794	0.918672	-1.08853	0.155126	0.588898	-1.69809	0.0125416	0.339354	-2.94678	0.417211	1.33449	1.33449	0.829875	0.927848	-1.07776	0.546425	0.808618	-1.23668	0.0234205	0.38968	-2.56621	0.803187	0.91676	-1.0908	0.342186	0.711336	-1.4058	2.25644	4.32876	1.70524	1
cg24769879	CCDC61	0.132865	0.0898864	0.774897	-1.29049	0.230129	0.842187	-1.18738	0.100864	1.27778	1.27778	0.185808	0.825823	-1.21091	0.0849597	0.771167	-1.29674	0.823298	1.03098	1.03098	0.459048	0.902267	-1.10832	0.52081	0.915041	-1.09285	0.105212	1.27314	1.27314	2.25643	0.665037	0.261982	1
cg01357846	REG3G;REG3G	0.132869	0.0741176	0.197802	-5.05555	0.157533	0.292116	-3.4233	0.478452	0.556136	-1.79812	0.151385	0.286021	-3.49624	0.0505958	0.163024	-6.13408	0.109398	0.241411	-4.14231	0.0139853	0.0844794	-11.8372	0.239835	0.3671	-2.72405	0.106494	0.238084	-4.2002	2.25641	23.692	9.33324	1
cg27567761	EGR2;EGR2;EGR2;EGR2	0.132869	0.27714	1.34468	1.34468	0.0173973	2.13556	2.13556	0.0949347	1.61742	1.61742	0.0266068	1.99081	1.99081	0.136826	1.52184	1.52184	0.183941	1.44677	1.44677	0.149736	1.49879	1.49879	0.104993	1.59071	1.59071	0.272223	1.34912	1.34912	2.25641	2.45345	0.966511	1
cg18158177	NDUFS5	0.132871	0.590338	0.89127	-1.12199	0.735835	1.07435	1.07435	0.358418	1.22143	1.22143	0.0315781	0.586311	-1.70558	0.0202696	0.552775	-1.80906	0.136969	0.712271	-1.40396	0.888342	0.970684	-1.0302	0.663386	1.09719	1.09719	0.520868	1.14778	1.14778	2.25639	1.60309	0.631527	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03193489	TERF1;TERF1	0.132876	0.485024	0.881912	-1.1339	0.736737	0.941994	-1.06158	0.545916	0.897412	-1.11432	0.508836	0.888078	-1.12603	0.704167	1.0699	1.0699	0.861823	1.03134	1.03134	0.00687285	0.538033	-1.85862	0.867772	1.02995	1.02995	0.0782242	1.41413	1.41413	2.25635	1.1209	0.441579	1
cg26466587	MCHR2;MCHR2	0.132876	0.0499958	49.0046	49.0046	0.23922	8.55183	8.55183	0.358647	5.17366	5.17366	0.866034	1.34178	1.34178	0.469714	0.277847	-3.59911	0.472408	3.57035	3.57035	0.019827	134.007	134.007	0.0307428	82.9705	82.9705	0.372097	4.93157	4.93157	2.25635	108.349	42.6843	1
cg18401262	CEP76	0.13288	0.783217	0.878996	-1.13766	0.00839175	0.207073	-4.82922	0.0297637	0.302367	-3.30724	0.587682	1.29176	1.29176	0.343876	0.63383	-1.57771	0.943754	0.967542	-1.03355	0.231616	0.556142	-1.7981	0.919495	1.04841	1.04841	0.644853	0.804891	-1.2424	2.25631	7.81503	3.07878	1
cg12881150	MIR654;MIR376B;MIR376A2;MIR300;MIR376A1	0.132884	0.0322176	0.528138	-1.89344	0.0456738	1.79168	1.79168	0.12568	0.655883	-1.52466	0.59163	1.14778	1.14778	0.185444	0.699504	-1.42958	0.40865	0.806467	-1.23998	0.641814	1.12663	1.12663	0.664155	0.894772	-1.1176	0.48735	0.835608	-1.19673	2.25628	2.31479	0.911937	1
cg00983437	TCF15	0.132884	0.775204	0.870104	-1.14929	0.013476	4.42176	4.42176	0.254554	1.78272	1.78272	0.920031	1.05001	1.05001	0.0344755	0.301662	-3.31497	0.797417	1.13315	1.13315	0.909751	0.946386	-1.05665	0.630302	0.790039	-1.26576	0.911501	1.05552	1.05552	2.25628	8.43928	3.32475	1
cg19258682	UNG;UNG	0.132888	0.548373	0.885377	-1.12946	0.351344	1.212	1.212	0.260612	0.790416	-1.26516	0.902949	0.975844	-1.02475	0.511726	0.875113	-1.14271	0.199977	0.762314	-1.3118	0.0460038	0.6323	-1.58153	0.151892	1.36031	1.36031	0.0545462	1.54835	1.54835	2.25626	1.43584	0.565672	1
cg17010118	SLC11A1	0.132891	0.00888263	0.624584	-1.60106	0.458997	0.898905	-1.11246	0.815543	1.03358	1.03358	0.76723	0.958911	-1.04285	0.112556	0.783348	-1.27657	0.823427	1.03209	1.03209	0.173099	0.814719	-1.22742	0.0467906	0.72488	-1.37954	0.314873	0.863377	-1.15824	2.25623	0.713956	0.281277	1
cg17822269	ITGA6;ITGA6	0.132891	0.730191	0.94634	-1.0567	0.402259	0.872348	-1.14633	0.0494635	0.699675	-1.42923	0.180403	0.797233	-1.25434	0.368936	0.863285	-1.15837	0.359197	1.16206	1.16206	0.0095829	0.593009	-1.68631	0.184233	0.799001	-1.25156	0.36346	0.861748	-1.16043	2.25623	0.906928	0.357303	1
cg22647031	SLC22A23;SLC22A23	0.132892	0.636156	1.31038	1.31038	0.839487	1.12192	1.12192	0.491528	0.672794	-1.48634	0.178362	2.25043	2.25043	0.919951	1.05868	1.05868	0.294117	1.85385	1.85385	0.0167574	5.23874	5.23874	0.0389703	3.87919	3.87919	0.0592266	3.3473	3.3473	2.25622	11.4977	4.52979	1
cg05508067	PNPLA4;PNPLA4	0.132896	0.0560855	31.7006	31.7006	0.171571	10.2269	10.2269	0.273735	6.16802	6.16802	0.286604	5.85686	5.85686	0.594233	0.423632	-2.36054	0.191584	9.10163	9.10163	0.0127555	140.159	140.159	0.980267	1.0403	1.0403	0.0802571	22.1918	22.1918	2.25619	91.1786	35.9223	1
cg02881795	C16orf63	0.132897	0.238982	0.678916	-1.47294	0.84168	0.939129	-1.06482	0.800121	1.08293	1.08293	0.226832	1.48953	1.48953	0.132646	0.600775	-1.66452	0.177915	0.637912	-1.56761	0.026552	0.437968	-2.28327	0.127125	0.595655	-1.67882	0.227939	1.48798	1.48798	2.25618	3.52366	1.38825	1
cg20691580	APOC3	0.132898	0.452515	0.849874	-1.17664	0.0813369	0.66321	-1.50782	0.0215783	0.55627	-1.79769	0.781484	1.06088	1.06088	0.242537	0.771086	-1.29687	0.291068	1.26221	1.26221	0.34831	1.22781	1.22781	0.955103	1.01204	1.01204	0.0838687	0.665921	-1.50168	2.25618	1.61424	0.635979	1
cg18436272	DHRS7C	0.1329	0.45632	0.698476	-1.43169	0.726191	0.846789	-1.18093	0.0507571	0.348963	-2.86564	0.752813	0.861189	-1.16119	0.710474	0.838303	-1.19289	0.23174	0.552509	-1.80992	0.0583019	2.7513	2.7513	0.309614	1.64434	1.64434	0.0487723	0.344898	-2.8994	2.25616	7.9947	3.14977	1
cg05708497	LRRC29;LRRC29	0.132901	0.0605784	0.533727	-1.87362	0.72883	0.901877	-1.1088	0.132956	0.618131	-1.61778	0.190189	0.662519	-1.50939	0.0186491	0.42904	-2.33079	0.154109	0.635882	-1.57262	0.0442331	0.503673	-1.98541	0.201745	0.670305	-1.49186	0.0869611	0.570683	-1.75229	2.25616	3.14655	1.23969	1
cg02281821	CLRN3	0.132901	0.89405	1.10997	1.10997	0.015689	0.098387	-10.1639	0.047639	0.169729	-5.89175	0.525184	0.604028	-1.65555	0.0474229	0.169354	-5.90479	0.725561	0.758846	-1.31779	0.102944	0.247369	-4.04254	0.788312	0.810002	-1.23457	0.169061	0.317515	-3.14946	2.25615	21.9067	8.63091	1
cg15595551	ABCE1;ANAPC10;ABCE1	0.132908	0.468821	0.882577	-1.13305	0.315892	1.19213	1.19213	0.0281942	1.55149	1.55149	0.0695825	1.41054	1.41054	0.455993	0.879261	-1.13732	0.176755	0.783993	-1.27552	0.296229	0.832303	-1.20149	0.379085	0.858188	-1.16525	0.755167	0.948367	-1.05444	2.2561	1.0263	0.404358	1
cg26137931	KBTBD8	0.132908	0.816571	1.02384	1.02384	0.343572	0.905785	-1.10401	0.0524866	0.799618	-1.2506	0.651728	1.04716	1.04716	0.122384	0.843841	-1.18506	0.882017	1.01518	1.01518	0.0101899	0.719941	-1.389	0.570379	1.05989	1.05989	0.906879	0.988202	-1.01194	2.2561	0.367528	0.144804	1
cg18062245	TRPC7;TRPC7;TRPC7	0.132909	0.125775	0.643238	-1.55463	0.838226	0.947008	-1.05596	0.00580996	0.382054	-2.61743	0.282305	0.742622	-1.34658	0.311941	0.756842	-1.32128	0.920639	0.973807	-1.0269	0.347516	1.29385	1.29385	0.776422	0.926972	-1.07878	0.19105	0.691621	-1.44588	2.25609	2.53466	0.998643	1
cg00260028	GPR133	0.132909	0.435434	0.849114	-1.1777	0.933885	1.0172	1.0172	0.17729	0.744725	-1.34278	0.695827	0.922414	-1.08411	0.108358	0.697652	-1.43338	0.0841889	1.48099	1.48099	0.0325031	1.67271	1.67271	0.421095	0.844561	-1.18405	0.383045	0.832046	-1.20186	2.25609	1.50966	0.594801	1
cg21291873	PSMA4;PSMA4;PSMA4;PSMA4;PSMA4	0.132912	0.16728	1.10215	1.10215	0.228581	1.08707	1.08707	0.13827	1.11119	1.11119	0.626789	1.0329	1.0329	0.0698684	1.1433	1.1433	0.0484419	0.8616	-1.16063	0.25651	1.08139	1.08139	0.348992	1.06577	1.06577	0.345954	0.937888	-1.06623	2.25607	0.155963	0.0614495	1
cg10783050	IRF2	0.132912	0.940574	1.02308	1.02308	0.117759	0.594553	-1.68194	0.0815807	0.553877	-1.80546	0.212527	1.49465	1.49465	0.68937	0.884282	-1.13086	0.236304	1.46203	1.46203	0.0247808	2.2659	2.2659	0.959645	1.01561	1.01561	0.827212	0.935279	-1.0692	2.25607	3.34747	1.3189	1
cg07769332	TCF12;TCF12;TCF12;TCF12;LOC145783	0.132913	0.729677	1.17306	1.17306	0.386425	1.50461	1.50461	0.0705251	2.53458	2.53458	0.0528609	0.363297	-2.75257	0.0929466	0.427191	-2.34087	0.112276	0.451313	-2.21576	0.800398	1.12364	1.12364	0.417346	1.4643	1.4643	0.525139	0.743569	-1.34487	2.25606	7.56509	2.98065	1
cg06034885	NCAPG;DCAF16;DCAF16	0.132913	0.10141	2.07345	2.07345	0.0409389	2.6312	2.6312	0.0416695	2.61893	2.61893	0.0241967	3.02808	3.02808	0.671671	0.842765	-1.18657	0.675705	1.18389	1.18389	0.654008	1.19846	1.19846	0.427923	1.38471	1.38471	0.115973	2.00134	2.00134	2.38036	5.93117	1.938	1
cg04507768	TRIM2	0.132916	0.331396	1.37457	1.37457	0.829216	1.07098	1.07098	0.360665	1.3476	1.3476	0.00903194	0.34868	-2.86796	0.765576	1.09958	1.09958	0.14869	1.63513	1.63513	0.246968	0.680918	-1.46861	0.627596	0.856251	-1.16788	0.809977	1.07947	1.07947	2.25604	3.60096	1.41879	1
cg18057692	CAMKK1;CAMKK1;CAMKK1	0.132916	0.0783401	0.63167	-1.5831	0.257268	1.32013	1.32013	0.0159117	2.00085	2.00085	0.880059	0.965151	-1.03611	0.472744	0.842353	-1.18715	0.296815	1.28929	1.28929	0.970336	0.991303	-1.00877	0.635394	1.11874	1.11874	0.253998	0.755922	-1.32289	2.25604	1.97167	0.776849	1
cg07181754	FBLN7;FBLN7;FBLN7;FBLN7	0.132917	0.671975	1.06983	1.06983	0.0125969	1.63508	1.63508	0.609455	0.921586	-1.08509	0.143586	1.28284	1.28284	0.413374	1.14172	1.14172	0.418705	1.13993	1.13993	0.0793635	0.734431	-1.3616	0.960976	0.992275	-1.00778	0.338869	1.16911	1.16911	2.25603	0.89752	0.353628	1
cg13520931	ICOSLG	0.132917	0.667182	1.44941	1.44941	0.978611	1.02327	1.02327	0.491021	1.82238	1.82238	0.00689122	0.0497323	-20.1077	0.393323	0.472276	-2.11741	0.273099	2.66065	2.66065	?	?	?	0.762575	0.771093	-1.29686	0.333596	0.425011	-2.35288	2.27623	23.5871	10.3624	1
cg01552920	MYADML2	0.132918	0.377193	0.426243	-2.34608	0.0336844	0.0968716	-10.3229	0.0448751	0.114574	-8.72797	0.0291538	0.0889959	-11.2365	0.418541	0.459369	-2.1769	0.0354153	0.0997582	-10.0242	0.174073	0.256464	-3.89919	0.37629	0.425519	-2.35007	0.536071	0.554513	-1.80338	2.25602	31.6431	12.4676	1
cg07125469	HDDC2	0.13292	0.0527494	0.159029	-6.28815	0.0336376	7.94184	7.94184	0.118956	4.10893	4.10893	0.548747	0.602493	-1.65977	0.792851	1.2458	1.2458	0.986125	0.985584	-1.01463	0.385978	0.476087	-2.10046	0.963124	0.962128	-1.03936	0.173162	0.298085	-3.35475	2.25601	24.9158	9.81706	1
cg23206873	SDCBP2	0.13292	0.037445	0.257924	-3.87711	0.408889	0.6225	-1.60643	0.175594	0.445636	-2.24398	0.194674	0.463068	-2.15951	0.0223827	0.215323	-4.64418	0.165152	0.435678	-2.29527	0.0461	0.277319	-3.60595	0.250308	0.509584	-1.96239	0.0659542	0.314207	-3.18261	2.25601	11.2525	4.43361	1
cg19856139	RNF2	0.132922	0.377149	1.38908	1.38908	0.590009	1.21807	1.21807	0.41999	1.34823	1.34823	0.050556	0.445732	-2.2435	0.897843	1.04768	1.04768	0.777271	0.902266	-1.10832	0.0101607	0.308635	-3.24007	0.696192	0.86736	-1.15292	0.367528	0.714854	-1.39889	2.25599	4.69879	1.85138	1
cg19554257	MAP1LC3B2	0.132924	0.0562369	0.28478	-3.51148	0.0179492	0.188112	-5.31599	0.0246607	0.21134	-4.73172	0.381647	0.593764	-1.68417	0.217056	0.470237	-2.12659	0.339486	0.564433	-1.77169	0.0813891	0.325554	-3.07168	0.250644	0.4979	-2.00844	0.444271	0.635667	-1.57315	2.25597	12.0586	4.75128	1
cg09210336	TRAPPC9;TRAPPC9	0.132925	0.538711	0.752608	-1.32871	0.0581251	2.65873	2.65873	0.0478348	2.80977	2.80977	0.904273	0.946546	-1.05647	0.287641	0.60405	-1.65549	0.0534066	0.367194	-2.72335	0.567237	0.767931	-1.3022	0.541934	1.32565	1.32565	0.549422	1.3186	1.3186	2.25596	7.44932	2.93516	1
cg01235100	NEU2	0.132925	0.606844	0.912142	-1.09632	0.313589	0.831395	-1.2028	0.119877	0.741601	-1.34843	0.442624	0.870496	-1.14877	0.565383	0.902167	-1.10844	0.892814	1.02417	1.02417	0.00734758	1.84441	1.84441	0.874471	1.02841	1.02841	0.818023	1.04168	1.04168	2.25596	1.12147	0.441881	1
cg03600605	KRT8	0.132928	0.434011	1.20754	1.20754	0.843311	0.954325	-1.04786	0.926065	1.02217	1.02217	0.284584	1.3003	1.3003	0.109925	1.50928	1.50928	0.18138	1.3982	1.3982	0.00510237	2.3971	2.3971	0.124038	1.48211	1.48211	0.497746	1.17659	1.17659	2.25594	1.99394	0.785656	1
cg14792160	LCE1E	0.132929	0.0255318	0.241856	-4.13469	0.191379	0.477171	-2.09568	0.582038	1.34627	1.34627	0.202147	0.486593	-2.05511	0.107215	0.390437	-2.56123	0.161012	0.448973	-2.2273	0.23852	0.516678	-1.93544	0.0291529	0.252835	-3.95515	0.767564	1.17179	1.17179	2.25594	10.2221	4.02775	1
cg27368025	YPEL4	0.13293	0.0253161	0.206761	-4.83649	0.115485	2.75749	2.75749	0.157474	2.44991	2.44991	0.544275	0.695031	-1.43879	0.12379	0.372294	-2.68605	0.523307	1.46732	1.46732	0.38219	0.587869	-1.70106	0.828554	1.13719	1.13719	0.367603	0.577752	-1.73085	2.25593	12.5545	4.94678	1
cg24505395	TUT1	0.132931	0.0186342	0.44949	-2.22474	0.0377264	0.508803	-1.9654	0.825577	1.06384	1.06384	0.465951	0.81219	-1.23124	0.0470827	0.528821	-1.891	0.199139	0.683599	-1.46285	0.11569	0.619136	-1.61515	0.286659	0.733296	-1.36371	0.85215	0.949035	-1.0537	2.25592	2.8085	1.10662	1
cg26725153	TRIM4;TRIM4;TRIM4;TRIM4	0.132934	0.409507	0.439572	-2.27494	0.114597	0.187829	-5.32399	0.200764	0.267995	-3.73141	0.85586	0.837623	-1.19385	0.646425	0.637566	-1.56847	0.472426	0.490567	-2.03846	0.0188577	15.9894	15.9894	0.107411	0.180455	-5.54154	0.271671	0.327896	-3.04975	2.25589	33.9269	13.3682	1
cg21526238	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.132937	0.909159	1.01553	1.01553	0.117143	0.794657	-1.2584	0.0679182	0.758729	-1.31799	0.509319	0.913569	-1.09461	0.114753	0.793251	-1.26064	0.63708	1.06628	1.06628	0.401219	1.12303	1.12303	0.0791578	1.30109	1.30109	0.110003	0.79038	-1.26521	2.25588	0.651517	0.256719	1
cg00266920	ST8SIA3	0.132939	0.347052	0.851193	-1.17482	0.0567649	0.698516	-1.43161	0.839009	1.03443	1.03443	0.145477	1.29705	1.29705	0.679352	1.07161	1.07161	0.782754	0.955049	-1.04707	0.0768339	0.720775	-1.3874	0.608587	0.917645	-1.08975	0.0530642	1.44162	1.44162	2.25585	0.989239	0.389797	1
cg26439963	PAX2;PAX2;PAX2;PAX2;PAX2	0.132943	0.636086	0.891261	-1.12201	0.477406	1.19061	1.19061	0.0108733	2.16467	2.16467	0.423193	0.820727	-1.21843	0.266845	0.756244	-1.32232	0.794094	0.938782	-1.06521	0.454991	1.20176	1.20176	0.674619	1.10736	1.10736	0.0603331	1.66798	1.66798	2.25582	2.08394	0.821159	1
cg26729242	C10orf129	0.132945	0.312461	1.53382	1.53382	0.0752348	0.444421	-2.25012	0.0295395	0.350259	-2.85503	0.519102	0.765225	-1.30681	0.647377	0.828161	-1.20749	0.237781	0.602722	-1.65914	0.0941959	0.470802	-2.12403	0.664179	1.19583	1.19583	0.0538796	0.408179	-2.44991	2.25581	5.98831	2.35966	1
cg26246740	WDFY4	0.132946	0.299783	0.753189	-1.32769	0.33802	0.770653	-1.2976	0.139384	0.657322	-1.52133	0.153824	0.668481	-1.49593	0.845941	0.949984	-1.05265	0.213598	1.41261	1.41261	0.0217264	2.06827	2.06827	0.554666	1.17073	1.17073	0.449237	0.815957	-1.22556	2.2558	2.48568	0.979471	1
cg09055943	ZNF295;ZNF295;ZNF295	0.13295	0.170026	0.71185	-1.40479	0.0668996	1.61239	1.61239	0.175614	1.39786	1.39786	0.895016	0.969762	-1.03118	0.253955	0.758011	-1.31924	0.12933	1.46395	1.46395	0.0678056	0.621408	-1.60925	0.516747	0.858227	-1.16519	0.967942	1.00939	1.00939	2.25577	1.93236	0.76145	1
cg18867923	TBX1;TBX1	0.13295	0.0617607	4.82861	4.82861	0.104137	3.78011	3.78011	0.518633	1.63188	1.63188	0.0723106	4.48642	4.48642	0.105775	3.75229	3.75229	0.608375	0.67923	-1.47225	0.600871	0.673641	-1.48447	0.0394293	5.94876	5.94876	0.113489	3.62898	3.62898	2.25577	20.0118	7.88568	1
cg06294321	C11orf31	0.132951	0.277341	0.61658	-1.62185	0.861782	1.07744	1.07744	0.867672	0.931112	-1.07398	0.677618	0.836157	-1.19595	0.192161	1.80562	1.80562	0.247822	0.596221	-1.67723	0.824817	1.09954	1.09954	0.00642928	4.55909	4.55909	0.787655	1.1225	1.1225	2.25576	6.54524	2.57917	1
cg19960778	HK3	0.132953	0.573435	1.41091	1.41091	0.0202738	5.43885	5.43885	0.0579168	3.65913	3.65913	0.384371	1.71549	1.71549	0.059087	0.275353	-3.6317	0.816644	1.1509	1.1509	0.449874	1.59349	1.59349	0.814837	1.15253	1.15253	0.932962	0.950365	-1.05223	2.25575	13.0815	5.15483	1
cg09122412	COL4A5;COL4A5;COL4A6;COL4A5	0.132956	0.0722959	0.3639	-2.74801	0.499069	0.707631	-1.41317	0.534442	0.728264	-1.37313	0.909264	1.05914	1.05914	0.0403339	3.29924	3.29924	0.0282103	0.270914	-3.6912	0.726298	0.837676	-1.19378	0.87978	1.07926	1.07926	0.578774	1.32663	1.32663	2.25572	9.07454	3.57591	1
cg05750078	ADARB2	0.132958	0.974129	0.989603	-1.01051	0.146449	0.605074	-1.65269	0.211721	0.654407	-1.5281	0.388668	0.752203	-1.32943	0.0116798	0.362164	-2.76118	0.786717	0.916299	-1.09135	0.726094	1.12004	1.12004	0.0916452	1.81961	1.81961	0.522579	0.811507	-1.23228	2.25571	3.71126	1.46247	1
cg14522055	DAPK2	0.132966	0.00540634	0.119709	-8.35359	0.888824	1.08447	1.08447	0.23612	2.05389	2.05389	0.243364	0.492774	-2.02933	0.937181	0.955331	-1.04676	0.734299	0.820776	-1.21836	0.388816	1.66865	1.66865	0.720952	1.23113	1.23113	0.869409	1.10009	1.10009	2.25565	12.0071	4.73167	1
cg08481246	LMO1	0.132969	0.92143	0.984827	-1.01541	0.774373	0.956437	-1.04555	0.670998	1.06846	1.06846	0.1264	1.29207	1.29207	0.643961	1.07479	1.07479	0.670667	1.06853	1.06853	0.00573837	0.570549	-1.7527	0.509256	0.901446	-1.10933	0.60492	1.08424	1.08424	2.25562	0.857946	0.338097	1
cg14572424	POLDIP2;POLDIP2;TMEM199	0.13297	0.297284	1.57994	1.57994	0.0958403	2.16898	2.16898	0.0214267	3.22175	3.22175	0.109267	2.09424	2.09424	0.167366	1.86452	1.86452	0.046486	2.62541	2.62541	0.075433	2.31126	2.31126	0.186144	1.80999	1.80999	0.0765662	2.30217	2.30217	2.25561	6.40088	2.52245	1
cg04189647	LMF1	0.132975	0.530302	0.782933	-1.27725	0.534523	0.784948	-1.27397	0.218623	0.607701	-1.64555	0.0353126	2.56906	2.56906	0.108904	0.510167	-1.96014	0.1193	1.9169	1.9169	0.918438	1.04022	1.04022	0.116529	1.92798	1.92798	0.988908	1.00537	1.00537	2.25557	5.2933	2.08601	1
cg08113756	SPIN3;SPIN3	0.132975	0.0112666	0.241686	-4.1376	0.18109	0.529835	-1.88738	0.271832	0.599474	-1.66813	0.602799	0.790681	-1.26473	0.153435	0.504704	-1.98136	0.114018	0.463428	-2.15783	0.330355	1.56727	1.56727	0.772853	1.13822	1.13822	0.56465	1.29753	1.29753	2.25557	7.14886	2.81726	1
cg14925012	NARG2;NARG2;NARG2;NARG2	0.132975	0.60586	1.12267	1.12267	0.0398065	1.69612	1.69612	0.0165543	1.91698	1.91698	0.906504	0.974219	-1.02646	0.363546	1.2307	1.2307	0.14496	1.41622	1.41622	0.121482	1.45241	1.45241	0.809485	0.947722	-1.05516	0.39922	0.825424	-1.2115	2.25557	1.76543	0.695731	1
cg03524223	ZCCHC2	0.132979	0.142834	0.788755	-1.26782	0.367076	0.869698	-1.14982	0.703708	0.944053	-1.05926	0.975157	1.0047	1.0047	0.176642	1.24162	1.24162	0.242945	0.831845	-1.20215	0.377019	0.872332	-1.14635	0.517532	1.10391	1.10391	0.0152861	1.56632	1.56632	2.25554	0.810995	0.319606	1
cg21425003	TNK2;TNK2	0.132979	0.449139	1.18439	1.18439	0.704214	1.08729	1.08729	0.0912438	0.664904	-1.50398	0.295524	1.26872	1.26872	0.933581	1.01846	1.01846	0.872765	0.965446	-1.03579	0.198732	0.742316	-1.34713	0.121628	1.44512	1.44512	0.0208403	1.84091	1.84091	2.25554	1.71971	0.677722	1
cg17574877	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.132982	0.100909	0.383814	-2.60543	0.0244622	0.239618	-4.1733	0.757089	0.847583	-1.17983	0.625929	0.769634	-1.29932	0.0167614	0.210975	-4.73991	0.865306	1.09471	1.09471	0.120343	0.407369	-2.45478	0.194411	0.481097	-2.07858	0.224755	0.506798	-1.97317	2.25552	10.1482	3.99934	1
cg22477732	AKAP8	0.132983	0.926066	1.02385	1.02385	0.517696	1.18123	1.18123	0.29935	0.760977	-1.3141	0.158042	1.46709	1.46709	0.0702934	0.598212	-1.67165	0.158695	0.682086	-1.46609	0.548984	1.16648	1.16648	0.552709	0.858537	-1.16477	0.0213811	0.49548	-2.01825	2.25551	2.30378	0.907912	1
cg13796392	NR4A3;NR4A3;NR4A3	0.132987	0.053241	2.81863	2.81863	0.24938	1.76486	1.76486	0.257826	1.74574	1.74574	0.397282	0.664317	-1.50531	0.787449	0.880274	-1.13601	0.23658	0.557005	-1.79531	0.0267655	0.289896	-3.44951	0.90809	1.05601	1.05601	0.604654	0.781574	-1.27947	2.25548	7.95375	3.13459	1
cg19920899	ZCCHC6	0.132987	0.0102167	0.604198	-1.65509	0.50348	1.11142	1.11142	0.161267	1.26212	1.26212	0.160113	0.791743	-1.26304	0.627242	1.07912	1.07912	0.344284	0.859351	-1.16367	0.621168	0.925416	-1.08059	0.269631	0.836215	-1.19586	0.430026	0.882199	-1.13353	2.25548	0.864847	0.340838	1
cg00381054	PDXDC1	0.132987	0.30578	0.843806	-1.18511	0.169643	0.79112	-1.26403	0.326792	1.17602	1.17602	0.0932665	0.744011	-1.34407	0.188379	0.799935	-1.2501	0.380873	1.15483	1.15483	0.417435	0.87571	-1.14193	0.0516574	1.42579	1.42579	0.286581	1.19391	1.19391	2.25548	0.916319	0.361123	1
cg21913528	IVNS1ABP	0.13299	0.0791943	0.385661	-2.59295	0.093412	0.405687	-2.46495	0.490022	0.709772	-1.4089	0.866998	1.0854	1.0854	0.0164921	0.238748	-4.18852	0.23306	0.54263	-1.84288	0.0261754	0.275333	-3.63197	0.680689	0.816844	-1.22422	0.603003	0.773729	-1.29244	2.25546	8.5385	3.36507	1
cg20152891	SLC17A7	0.13299	0.754185	1.17993	1.17993	0.150776	2.25041	2.25041	0.334101	1.69002	1.69002	0.568986	1.35419	1.35419	0.843799	0.901306	-1.1095	0.467854	0.677672	-1.47564	0.00653789	0.155505	-6.43067	0.772374	1.16507	1.16507	0.580367	0.745176	-1.34196	2.25545	9.91086	3.90594	1
cg20035971	PCMTD1	0.132994	0.0432722	0.53436	-1.8714	0.642793	0.8817	-1.13417	0.872183	1.04436	1.04436	0.580718	0.860376	-1.16228	0.00728282	0.393367	-2.54215	0.542956	0.847052	-1.18057	0.435781	0.80708	-1.23903	0.611286	0.870955	-1.14817	0.0667624	0.574614	-1.7403	2.25542	2.59568	1.02299	1
cg01335597	CSNK1G2	0.132997	0.530674	1.34827	1.34827	0.0523945	2.82333	2.82333	0.0444107	2.96304	2.96304	0.720429	0.84444	-1.18422	0.669585	1.2238	1.2238	0.408084	0.67158	-1.48902	0.0625669	2.6806	2.6806	0.075866	2.53333	2.53333	0.11241	2.255	2.255	2.2554	7.90725	3.11637	1
cg09443039	SPTB;SPTB	0.132998	0.0635094	0.352864	-2.83396	0.386616	1.5575	1.5575	0.0826894	2.61031	2.61031	0.355048	0.621891	-1.608	0.127126	0.438807	-2.27891	0.215272	0.521415	-1.91786	0.161089	0.473647	-2.11127	0.118934	0.429585	-2.32783	0.369266	0.631051	-1.58466	2.2554	8.90349	3.50901	1
cg26188061	DBT	0.132998	0.423599	0.7475	-1.33779	0.0365235	0.420905	-2.37584	0.713755	0.877053	-1.14018	0.864387	1.06276	1.06276	0.0581271	0.46647	-2.14376	0.265057	0.661264	-1.51226	0.219573	1.58359	1.58359	0.111481	1.8539	1.8539	0.553853	1.23768	1.23768	2.25539	4.52921	1.78504	1
cg00369202	GRM4	0.133003	0.10147	0.591671	-1.69013	0.503258	0.819701	-1.21996	0.530317	1.20448	1.20448	0.528826	0.829657	-1.20532	0.0542906	0.527722	-1.89494	0.892522	1.04036	1.04036	0.039543	0.498178	-2.00732	0.0220483	0.447696	-2.23366	0.344303	0.751937	-1.3299	2.25536	3.05972	1.20591	1
cg01284306	C21orf91;C21orf91;C21orf91	0.133004	0.0466573	0.163192	-6.12775	0.0206588	0.108851	-9.18686	0.0890696	0.224863	-4.44716	0.0246692	0.118965	-8.40581	0.207063	0.346854	-2.88305	0.233078	0.369719	-2.70476	0.271791	0.40238	-2.48522	0.360656	0.473389	-2.11243	0.388383	0.494851	-2.02081	2.25535	22.6206	8.91534	1
cg18989085	OPCML	0.133006	0.0404116	0.33353	-2.99823	0.181772	0.518173	-1.92986	0.0265332	0.295325	-3.3861	0.398063	0.669426	-1.49382	0.182582	0.51888	-1.92723	0.370561	1.53187	1.53187	0.804155	0.89115	-1.12215	0.342228	1.57443	1.57443	0.183476	0.51966	-1.92434	2.25533	7.68467	3.02874	1
cg22542901	DYRK2;DYRK2	0.133006	0.208928	0.581588	-1.71943	0.174859	1.80485	1.80485	0.6739	1.18909	1.18909	0.358518	0.679533	-1.4716	0.0322661	0.358439	-2.78988	0.908937	0.954259	-1.04793	0.0350361	0.366044	-2.73191	0.31456	1.53046	1.53046	0.805462	0.903959	-1.10625	2.25533	5.98085	2.35722	1
cg22524447	DIAPH3	0.133006	0.686848	0.829664	-1.20531	0.140104	2.07802	2.07802	0.466293	1.40719	1.40719	0.702205	0.837772	-1.19364	0.632191	1.24882	1.24882	0.025952	0.295818	-3.38046	?	?	?	0.0504956	0.358072	-2.79273	0.450047	0.701426	-1.42567	2.27551	6.80113	2.98884	1
cg16245035	PEX14	0.13301	0.145061	0.655906	-1.52461	0.703339	1.10861	1.10861	0.271608	0.734607	-1.36127	0.740359	0.914278	-1.09376	0.0044288	0.359343	-2.78286	0.881936	1.04086	1.04086	0.606345	0.869289	-1.15037	0.618528	1.14486	1.14486	0.280061	0.738887	-1.35339	2.2553	2.59414	1.02244	1
cg06044117	FAM76B;CEP57	0.133012	0.144898	0.636204	-1.57182	0.0957779	1.69631	1.69631	0.118614	1.63124	1.63124	0.125806	0.619722	-1.61363	0.307175	0.736869	-1.35709	?	?	?	0.14815	1.56531	1.56531	0.620819	1.15493	1.15493	0.624538	0.867205	-1.15313	2.27546	2.67268	1.17456	1
cg07874283	INPP5E	0.133014	0.382518	0.803795	-1.2441	0.791712	1.06668	1.06668	0.276808	1.31766	1.31766	0.253781	0.747776	-1.3373	0.117178	0.660303	-1.51446	0.395369	0.808732	-1.2365	0.0121485	0.466585	-2.14323	0.810997	0.943247	-1.06017	0.217141	1.37257	1.37257	2.25527	2.12449	0.837341	1
cg16386158	IL1RL1	0.133017	0.557438	1.29879	1.29879	0.983542	0.990952	-1.00913	0.106318	0.459734	-2.17517	0.634772	1.23474	1.23474	0.0567071	0.386587	-2.58674	0.547197	1.30789	1.30789	0.816571	1.10781	1.10781	0.0149686	0.267622	-3.73661	0.221648	0.567772	-1.76127	2.25525	6.93494	2.73336	1
cg10232654	HOXB7	0.133019	0.280975	0.663358	-1.50748	0.987802	0.994416	-1.00562	0.922464	1.0363	1.0363	0.281335	1.50698	1.50698	0.914392	0.961379	-1.04017	0.520891	1.26914	1.26914	0.00466358	0.252077	-3.96704	0.409617	0.734274	-1.36189	0.448792	0.75373	-1.32674	2.25523	4.79174	1.88864	1
cg26314055	FAM132A	0.133019	0.0799511	0.333739	-2.99635	0.744428	0.831301	-1.20293	0.0162348	5.2616	5.2616	0.348973	1.72392	1.72392	0.193791	0.459972	-2.17404	0.597724	0.740244	-1.35091	0.360401	0.587962	-1.70079	0.37108	0.595258	-1.67994	0.687785	0.795983	-1.25631	2.25523	11.3951	4.49134	1
cg25105522	MAP3K14	0.133019	0.52302	2.07803	2.07803	0.0147886	29.636	29.636	0.0315142	17.2835	17.2835	0.855721	1.22833	1.22833	0.725589	0.671537	-1.48912	0.878557	1.18859	1.18859	0.535989	2.03023	2.03023	0.0389682	14.8858	14.8858	0.458173	2.34805	2.34805	2.25523	45.6023	17.974	1
cg24856537	NOTCH4	0.133021	0.102376	0.420185	-2.37991	0.992481	0.99544	-1.00458	0.0980223	0.414632	-2.41178	0.25317	0.560516	-1.78407	0.0426303	0.32233	-3.10241	0.042342	0.321672	-3.10876	0.173924	0.495757	-2.01712	0.0258235	0.276996	-3.61016	0.303116	0.596068	-1.67766	2.25522	8.40391	3.31239	1
cg02907441	FAM47C	0.133023	0.888066	1.06957	1.06957	0.789457	0.880027	-1.13633	0.886083	1.07085	1.07085	0.11035	0.435635	-2.2955	0.127292	0.454987	-2.19786	0.201049	0.524738	-1.90571	0.0251947	0.280483	-3.56528	0.748831	1.1658	1.1658	0.0213111	0.266732	-3.74908	2.2552	8.14545	3.21054	1
cg04001941	MGAT5	0.133024	0.41882	0.514627	-1.94315	0.0449411	6.36363	6.36363	0.262556	2.55837	2.55837	0.767329	0.787734	-1.26946	0.0579446	0.178407	-5.60516	0.27616	0.402154	-2.48661	0.232842	0.365668	-2.73472	0.361178	2.12726	2.12726	0.206696	0.342685	-2.91813	2.25519	23.0971	9.10377	1
cg13351583	SHC3;SHC3	0.133028	0.0725237	0.358208	-2.79167	0.0543476	0.326733	-3.06061	0.0219109	0.244422	-4.09128	0.261703	0.548997	-1.8215	0.946892	0.966446	-1.03472	0.914776	0.94663	-1.05638	0.0764069	0.364234	-2.74549	0.0643442	0.344783	-2.90037	0.763654	0.856839	-1.16708	2.25516	9.37579	3.69555	1
cg07629776	FRMD4A	0.133029	0.0526008	0.374974	-2.66685	0.939663	1.03427	1.03427	0.295318	0.616867	-1.62109	0.0142637	0.260433	-3.83976	0.613748	0.797276	-1.25427	0.67399	1.20725	1.20725	0.230085	1.75156	1.75156	0.216605	0.56059	-1.78383	0.649793	1.22566	1.22566	2.25515	7.0772	2.78955	1
cg00588297	DQX1	0.133032	0.0850816	0.354896	-2.81773	0.283579	0.545439	-1.83339	0.441541	0.652469	-1.53264	0.20336	0.481643	-2.07623	0.0145404	0.194405	-5.14389	0.137092	0.4184	-2.39005	0.0351983	0.263218	-3.79913	0.834716	0.89254	-1.1204	0.0875691	0.358403	-2.79016	2.25512	10.5735	4.16771	1
cg07659872	OSBPL3;OSBPL3;OSBPL3;OSBPL3;OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.133033	0.701003	1.04963	1.04963	0.0578942	1.30887	1.30887	0.440625	1.10376	1.10376	0.261677	1.15829	1.15829	0.452937	1.10075	1.10075	0.691558	0.95117	-1.05134	0.00850076	1.52449	1.52449	0.0626725	1.30079	1.30079	0.276454	1.15271	1.15271	2.25512	0.562914	0.221881	1
cg04719903	FAM132A	0.133041	0.834262	0.791177	-1.26394	0.1778	4.95749	4.95749	0.0529438	11.6924	11.6924	0.0777422	8.94942	8.94942	0.63997	0.590582	-1.69324	0.436475	2.42899	2.42899	0.183815	0.206737	-4.83707	0.127834	0.158747	-6.29932	0.215278	4.29806	4.29806	2.25505	44.6355	17.5943	1
cg10506402	FKBP3;FANCM	0.133046	0.257131	0.86089	-1.16159	0.441703	1.10446	1.10446	0.0451074	1.338	1.338	0.682061	0.94917	-1.05355	0.247254	1.16559	1.16559	0.885687	1.01839	1.01839	0.720372	1.04658	1.04658	0.186505	1.19407	1.19407	0.0133997	1.47386	1.47386	2.25501	0.572893	0.225825	1
cg11224035	MAGOH	0.133048	0.783518	1.04844	1.04844	0.165308	0.775529	-1.28944	0.193136	1.26689	1.26689	0.83203	0.964173	-1.03716	0.570713	1.10343	1.10343	0.0136485	1.68884	1.68884	0.515104	1.12005	1.12005	0.179885	1.27719	1.27719	0.0687355	1.41899	1.41899	2.255	1.0538	0.415393	1
cg03116466	MAD1L1;MAD1L1;MAD1L1	0.133049	0.578627	0.917989	-1.08934	0.307974	0.851334	-1.17463	0.214651	0.819351	-1.22048	0.178664	0.804183	-1.2435	0.913338	1.01674	1.01674	0.448748	1.12495	1.12495	0.0182462	1.54813	1.54813	0.327262	0.85706	-1.16678	0.126319	0.777041	-1.28693	2.255	0.83083	0.327502	1
cg22601058	LOC283070	0.133053	0.169609	0.478593	-2.08946	0.0192232	0.240123	-4.16454	0.0373218	0.296046	-3.37785	0.500972	0.708902	-1.41063	0.164912	0.474175	-2.10893	0.323586	0.598394	-1.67114	0.141109	0.450589	-2.21932	0.285165	1.74917	1.74917	0.422988	0.662187	-1.51015	2.25496	9.06003	3.5714	1
cg04193083	NBR1;NBR1;NBR1	0.133055	0.747207	0.934711	-1.06985	0.0245867	0.571806	-1.74885	0.0207897	0.559342	-1.78782	0.261255	1.27711	1.27711	0.586228	1.12159	1.12159	0.430837	1.18278	1.18278	0.35442	0.819631	-1.22006	0.865489	0.965224	-1.03603	0.886594	0.970647	-1.03024	2.25495	1.55661	0.613607	1
cg11991942	FAM20C	0.133055	0.984236	1.00455	1.00455	0.968758	0.99105	-1.00903	0.789242	1.06343	1.06343	0.864859	0.961652	-1.03988	0.0617668	0.616971	-1.62082	0.834915	1.04907	1.04907	0.0083864	2.16641	2.16641	0.907379	0.973636	-1.02708	0.222769	1.34192	1.34192	2.25494	1.88195	0.741857	1
cg07793163	DUSP16	0.133055	0.701357	1.08057	1.08057	0.229558	0.776044	-1.28859	0.27309	1.25783	1.25783	0.350795	1.21304	1.21304	0.0301398	1.66997	1.66997	0.144737	0.72978	-1.37028	0.0625597	1.52423	1.52423	0.805044	1.05099	1.05099	0.452759	0.857419	-1.16629	2.25494	1.44441	0.569381	1
cg25464457	PCOLCE2	0.133056	0.879792	0.970345	-1.03056	0.211507	1.29931	1.29931	0.00247091	2.30986	2.30986	0.711312	1.07675	1.07675	0.729604	1.07146	1.07146	0.815142	1.04769	1.04769	0.685265	1.08443	1.08443	0.621153	1.10417	1.10417	0.534314	1.13337	1.13337	2.25494	1.41315	0.557057	1
cg21042970	JAM2	0.133056	0.935281	1.01018	1.01018	0.365076	0.890431	-1.12305	0.693134	1.0507	1.0507	0.343426	1.12942	1.12942	0.0529708	1.31553	1.31553	0.573136	0.931468	-1.07357	0.0489539	1.32358	1.32358	0.0860223	1.26688	1.26688	0.0416462	1.34026	1.34026	2.25494	0.555315	0.218903	1
cg05331143	MYO5A;MYO5A	0.133059	0.0348917	0.5127	-1.95046	0.882231	1.0411	1.0411	0.0448816	0.534973	-1.86925	0.0375292	0.519055	-1.92658	?	?	?	0.797379	0.932479	-1.07241	0.493773	1.20784	1.20784	0.681686	0.893989	-1.11858	0.749006	1.09114	1.09114	2.27509	2.36479	1.03943	1
cg10045955	AGPAT5	0.13306	0.590938	1.08544	1.08544	0.0126361	1.59757	1.59757	0.02526	1.49482	1.49482	0.623971	0.928058	-1.07752	0.738366	1.05196	1.05196	0.338227	1.16088	1.16088	0.894152	1.02032	1.02032	0.638888	0.931072	-1.07403	0.141763	1.26962	1.26962	2.25491	0.815444	0.321449	1
ch.1.3571292R	DHX9	0.133062	0.128149	0.727748	-1.3741	0.0218236	0.587539	-1.70201	0.0300832	0.610835	-1.6371	0.143891	0.738307	-1.35445	0.668617	0.920164	-1.08676	0.952433	1.01159	1.01159	0.70015	1.07764	1.07764	0.433205	1.16711	1.16711	0.833371	1.04155	1.04155	2.25489	1.33336	0.525616	1
cg15118447	EZR;EZR	0.133064	0.0679982	0.151311	-6.60891	0.687171	1.45357	1.45357	0.879025	1.1511	1.1511	0.102369	0.191754	-5.21502	0.023466	0.0820287	-12.1909	0.648835	0.654695	-1.52743	0.211382	0.29627	-3.3753	0.284314	0.357862	-2.79438	0.032355	0.0987674	-10.1248	2.25488	30.4842	12.0171	1
cg27038935	E4F1	0.133066	0.118147	0.776733	-1.28744	0.961903	1.00714	1.00714	0.109084	0.770889	-1.2972	0.416945	0.883787	-1.13149	0.267726	0.842039	-1.18759	0.965355	0.993553	-1.00649	0.141062	0.789989	-1.26584	0.0221763	1.50435	1.50435	0.455393	0.892954	-1.11988	2.25486	0.791967	0.312202	1
cg01482375	LATS1	0.133068	0.18631	0.800504	-1.24921	0.419884	1.13984	1.13984	0.0902047	1.3452	1.3452	0.912738	0.982741	-1.01756	0.340778	0.855638	-1.16872	0.141041	0.777698	-1.28585	0.0545533	0.707254	-1.41392	0.326392	0.851362	-1.17459	0.0672704	0.722042	-1.38496	2.25485	0.900722	0.355076	1
cg23396834	LOC728723;ZBED3	0.133071	0.479897	0.883	-1.1325	0.77963	1.0498	1.0498	0.403165	1.15977	1.15977	0.30405	1.20253	1.20253	0.18664	0.784626	-1.27449	0.265359	1.22276	1.22276	0.249417	0.811748	-1.23191	0.316514	0.835758	-1.19652	0.0144072	1.68633	1.68633	2.25482	1.07201	0.422606	1
cg25662428	MKNK2;MKNK2	0.133076	0.109038	0.522748	-1.91297	0.134469	1.82029	1.82029	0.788907	1.10473	1.10473	0.348037	1.43134	1.43134	0.764207	1.11813	1.11813	0.724822	1.14018	1.14018	0.0217302	0.359672	-2.78031	0.650203	1.18465	1.18465	0.125537	0.540448	-1.85032	2.25478	4.91967	1.93945	1
cg14886794	SERHL2	0.133079	0.361254	0.804208	-1.24346	0.0418713	0.580131	-1.72375	0.0109767	0.47665	-2.09798	0.287567	0.773862	-1.29222	0.468458	0.842601	-1.1868	0.950158	1.01462	1.01462	0.202366	0.731617	-1.36683	0.75064	0.92865	-1.07683	0.286545	1.29298	1.29298	2.25476	1.92495	0.758867	1
cg19240213	HOXA3	0.13308	0.0720496	11.6341	11.6341	0.156013	6.39085	6.39085	0.0830529	10.4374	10.4374	0.0499312	15.3736	15.3736	0.157268	6.3502	6.3502	0.349626	3.24365	3.24365	0.576621	1.99246	1.99246	0.0300343	22.6249	22.6249	0.0387618	18.6317	18.6317	2.25475	53.3396	21.028	1
cg19486955	CDK17;CDK17	0.133083	0.736399	1.12042	1.12042	0.0186263	2.61153	2.61153	0.293783	1.44266	1.44266	0.989349	1.0045	1.0045	0.375278	1.35831	1.35831	0.987157	0.994598	-1.00543	0.0270938	2.41222	2.41222	0.0772994	1.93663	1.93663	0.0783866	1.93095	1.93095	2.25473	4.04443	1.59445	1
cg21185686	PCDHGA4;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGA12;PCDHGB3;PCDHGB7;PCDH	0.133085	0.0225353	12.3152	12.3152	0.128006	4.53661	4.53661	0.91836	1.09881	1.09881	0.333794	2.49965	2.49965	0.525106	1.80729	1.80729	0.0984278	5.28869	5.28869	0.133681	4.42205	4.42205	0.0305639	10.3333	10.3333	0.0626424	6.85754	6.85754	2.25471	30.1601	11.8902	1
cg02596645	FAT1	0.133085	0.853781	1.02853	1.02853	0.0419869	0.699553	-1.42948	0.0333599	0.68446	-1.46101	0.732483	0.94903	-1.05371	0.65606	1.07073	1.07073	0.996295	0.999292	-1.00071	0.0504523	1.40484	1.40484	0.755812	0.953551	-1.04871	0.586822	1.08726	1.08726	2.25471	0.830125	0.327265	1
cg26552733	CALML5	0.133091	0.135065	1.87393	1.87393	0.0428298	2.48135	2.48135	0.0643104	0.444698	-2.24872	0.572166	1.24923	1.24923	0.151465	1.82061	1.82061	0.170839	1.76566	1.76566	0.343439	0.683532	-1.46299	0.677184	1.17729	1.17729	0.42694	1.37194	1.37194	2.25467	5.42707	2.13959	1
cg04111109	CARS;CARS;CARS;CARS	0.133093	0.15295	0.472342	-2.11711	0.179836	0.497548	-2.00986	0.682381	0.8174	-1.22339	0.113289	0.42977	-2.32683	0.0164103	0.237587	-4.20898	0.210677	0.523968	-1.90851	0.0190043	0.24869	-4.02107	0.193163	0.509247	-1.96368	0.248645	0.553802	-1.8057	2.25465	8.57503	3.38069	1
cg09345010	WDFY2	0.133097	0.707257	0.878732	-1.138	0.855068	1.06466	1.06466	0.539461	0.808249	-1.23724	0.160375	0.598156	-1.6718	0.143188	0.583256	-1.71451	0.0146354	0.356991	-2.80119	0.130737	0.571667	-1.74927	0.229565	1.54034	1.54034	0.375724	1.36549	1.36549	2.25462	4.19287	1.65305	1
cg08512345	APC;APC	0.133098	0.583969	1.12358	1.12358	0.305169	1.25073	1.25073	0.519969	1.14731	1.14731	0.534577	0.875886	-1.1417	0.100213	1.46151	1.46151	0.981789	1.00482	1.00482	0.234058	0.768863	-1.30062	0.00725647	2.07461	2.07461	0.709521	1.08203	1.08203	2.25461	1.58523	0.624984	1
cg05124756	MXD4	0.1331	0.0640107	1.24155	1.24155	0.0254936	0.758874	-1.31774	0.679807	0.95778	-1.04408	0.25388	1.13184	1.13184	0.31964	0.898621	-1.11282	0.425578	0.918907	-1.08825	0.636765	0.951761	-1.05068	0.208848	1.14763	1.14763	0.439588	0.921335	-1.08538	2.2546	0.385765	0.15209	1
cg11479380	TFEC;TFEC	0.1331	0.0643304	0.0995691	-10.0433	0.0791914	0.114975	-8.69756	0.0997415	0.135032	-7.40566	0.540304	0.502545	-1.98987	0.0409021	0.0728652	-13.724	0.162239	0.190869	-5.23919	0.0426827	0.0750378	-13.3266	0.112226	0.146696	-6.8168	0.0704012	0.105973	-9.43633	2.2546	43.9881	17.3426	1
cg25958261	PDCD6	0.133104	0.498065	0.762844	-1.31088	0.98735	0.99378	-1.00626	0.599005	0.811539	-1.23223	0.248925	1.60686	1.60686	0.0376782	0.387213	-2.58256	0.170302	0.562853	-1.77666	0.0495218	0.413971	-2.41563	0.945309	1.02737	1.02737	0.0352409	0.380925	-2.62519	2.25456	5.53041	2.18043	1
cg26424149	KIAA0586;TIMM9	0.133105	0.881117	1.02413	1.02413	0.358725	1.16226	1.16226	0.491988	1.11761	1.11761	0.415591	0.875835	-1.14177	0.291067	0.839826	-1.19072	0.0270403	0.658969	-1.51752	0.0296332	0.665007	-1.50374	0.275648	0.834693	-1.19804	0.366335	1.15936	1.15936	2.25456	0.906451	0.35738	1
cg00540891	RET;RET	0.133105	0.457485	0.851467	-1.17444	0.320471	0.804001	-1.24378	0.436409	1.1838	1.1838	0.103392	0.684857	-1.46016	0.510145	1.15255	1.15255	0.00987476	0.500134	-1.99946	0.67444	0.91413	-1.09394	0.0907559	0.673005	-1.48587	0.276276	0.786104	-1.2721	2.25456	1.61261	0.635791	1
cg17100201	YWHAG	0.133106	0.0756183	1.77822	1.77822	0.0322371	2.07495	2.07495	0.48646	1.22852	1.22852	0.0886614	1.72741	1.72741	0.395605	1.28816	1.28816	0.833923	0.94072	-1.06302	0.553344	0.839858	-1.19068	0.934739	1.02412	1.02412	0.0949575	0.586215	-1.70586	2.25455	3.0248	1.19257	1
cg09711028	ABCC9;ABCC9;ABCC9	0.133106	0.257512	0.458352	-2.18173	0.0560172	0.239551	-4.17448	0.800821	1.18163	1.18163	0.907056	1.08016	1.08016	0.0335959	0.194226	-5.14865	0.451924	0.60293	-1.65857	0.0229427	0.165916	-6.02714	0.0894017	0.290411	-3.44339	0.280429	0.476773	-2.09744	2.25455	15.5632	6.13603	1
cg25043378	ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;ANK1	0.133106	0.0239446	0.305409	-3.2743	0.148846	0.505772	-1.97717	0.705735	1.18177	1.18177	0.260106	0.596194	-1.67731	0.0108671	0.244627	-4.08786	0.980313	1.01092	1.01092	0.342051	0.649847	-1.53882	0.486302	0.732381	-1.36541	0.422795	0.697337	-1.43403	2.25454	6.92179	2.72902	1
cg26014413	PRDM16;PRDM16	0.133106	0.417301	0.77728	-1.28654	0.0888431	1.76909	1.76909	0.999968	0.999988	-1.00001	0.0401206	0.486307	-2.05632	0.435422	1.27363	1.27363	0.229649	0.681727	-1.46686	0.843466	0.941678	-1.06193	0.197382	1.51314	1.51314	0.0985745	1.73427	1.73427	2.25454	3.29894	1.30066	1
cg22190437	SPHKAP;SPHKAP	0.133114	0.9431	0.961849	-1.03966	0.0122987	0.182864	-5.46854	0.173367	2.20214	2.20214	0.381862	1.63025	1.63025	0.979308	0.985966	-1.01423	0.622131	0.762844	-1.31088	0.387632	0.617214	-1.62018	0.419059	0.637672	-1.56821	0.116058	2.5364	2.5364	2.25448	10.6031	4.18056	1
cg17561241	ATP5G2;ATP5G2;ATP5G2	0.133122	0.885877	0.870952	-1.14817	0.200782	3.66944	3.66944	0.198351	3.69833	3.69833	0.0975285	5.75024	5.75024	0.0758354	0.149412	-6.69291	0.436049	2.14795	2.14795	0.817038	0.800142	-1.24978	0.0957141	5.81608	5.81608	0.050613	8.52586	8.52586	2.25442	33.0507	13.0315	1
cg21755212	C4orf44;C4orf44	0.133126	0.676518	0.896551	-1.11539	0.757052	1.08411	1.08411	0.00493126	0.379381	-2.63587	0.630568	1.13441	1.13441	0.641333	0.885062	-1.12986	0.56732	1.16238	1.16238	0.294281	0.753442	-1.32724	0.245987	1.37133	1.37133	0.841221	1.05359	1.05359	2.25439	2.41839	0.953552	1
cg22539294	ZBBX	0.133129	0.836202	0.930091	-1.07516	0.0210317	0.378466	-2.64224	0.0656646	0.485237	-2.06085	0.459747	0.768366	-1.30146	0.557431	0.812452	-1.23084	0.0953898	1.89903	1.89903	0.540068	1.24252	1.24252	0.752279	0.895076	-1.11722	0.163217	0.593942	-1.68367	2.25437	4.37528	1.72516	1
cg09260603	DYRK3;DYRK3;DYRK3	0.133134	0.00895554	0.636842	-1.57025	0.395225	1.12545	1.12545	0.719571	0.952242	-1.05015	0.502732	1.09672	1.09672	0.231966	0.843533	-1.18549	0.687008	1.05652	1.05652	0.744169	0.956526	-1.04545	0.222529	1.19005	1.19005	0.191586	0.828901	-1.20642	2.25433	0.657779	0.259365	1
cg03701779	FAM149B1;ECD;ECD;ECD;ECD;FAM149B1	0.133135	0.0358983	1.77843	1.77843	0.333653	1.26517	1.26517	0.229308	1.34654	1.34654	0.746502	1.0795	1.0795	0.0337989	1.79424	1.79424	0.915094	1.02547	1.02547	0.208168	1.36751	1.36751	0.0218948	1.91303	1.91303	0.10922	1.50976	1.50976	2.25432	1.98628	0.783199	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21428393	CBX3;CBX3	0.133139	0.0217817	0.267778	-3.73444	0.396346	0.65993	-1.51531	0.614486	0.784251	-1.2751	0.152421	0.48023	-2.08234	0.05668	0.356206	-2.80737	0.661561	0.809947	-1.23465	0.0175326	0.250754	-3.98797	0.138673	0.466378	-2.14418	0.38221	0.65127	-1.53546	2.25429	8.17515	3.22354	1
cg12422704	ABR;ABR	0.133139	0.35071	0.61373	-1.62938	0.0750075	2.73952	2.73952	0.0313775	3.60842	3.60842	0.954747	0.971568	-1.02926	0.134703	0.440568	-2.2698	0.303759	1.71838	1.71838	0.208825	0.509977	-1.96087	0.84553	0.905616	-1.10422	0.519579	0.717621	-1.39349	2.25429	9.22345	3.6369	1
cg17851105	UNKL	0.13314	0.845178	0.947644	-1.05525	0.00976733	2.45662	2.45662	0.345053	1.3067	1.3067	0.0635139	0.563325	-1.77518	0.523733	0.837161	-1.19451	0.774419	1.08225	1.08225	0.7367	1.09727	1.09727	0.39427	1.27127	1.27127	0.744912	0.914114	-1.09396	2.25428	2.70129	1.06515	1
cg06881310	NHSL1	0.133142	0.155973	0.658209	-1.51927	0.144357	1.54044	1.54044	0.383445	1.27923	1.27923	0.706935	1.10968	1.10968	0.414451	0.794642	-1.25843	0.130197	0.637381	-1.56892	0.0177002	0.451643	-2.21414	0.964119	1.01247	1.01247	0.539014	1.18694	1.18694	2.25427	2.71064	1.06884	1
cg04262392	TSC2;TSC2;TSC2	0.133144	0.637961	0.826595	-1.20978	0.207639	1.70553	1.70553	0.0237986	2.95644	2.95644	0.558023	0.788177	-1.26875	0.10727	0.493436	-2.0266	0.113259	0.500317	-1.99873	0.89608	1.05391	1.05391	0.466187	1.34711	1.34711	0.330516	1.49698	1.49698	2.25425	5.76402	2.27285	1
cg08857221	ZC3H12A	0.133145	0.12615	0.645765	-1.54855	0.0880762	1.64449	1.64449	0.216942	1.40963	1.40963	0.385203	0.790353	-1.26526	0.28335	0.74485	-1.34255	0.1151	0.635863	-1.57267	0.126177	1.54849	1.54849	0.915212	1.02854	1.02854	0.224686	0.713878	-1.4008	2.25424	2.4935	0.983232	1
cg00493400	STAT1;STAT1	0.133146	0.562328	1.08884	1.08884	0.0439092	1.39998	1.39998	0.246398	0.838516	-1.19258	0.90887	0.983501	-1.01678	0.849389	1.02801	1.02801	0.273814	1.17993	1.17993	0.225228	0.831054	-1.20329	0.0408976	0.709731	-1.40899	0.219429	0.828919	-1.20639	2.25424	0.75367	0.297186	1
cg02686769	TCP11L2	0.133146	0.419081	1.1459	1.1459	0.0524941	0.695096	-1.43865	0.315497	1.18673	1.18673	0.388914	0.864456	-1.1568	0.138661	1.30077	1.30077	0.460116	0.88333	-1.13208	0.289724	1.19874	1.19874	0.0990104	1.34763	1.34763	0.102053	1.34339	1.34339	2.25423	0.971489	0.383077	1
cg11012980	PSMA7;SS18L1	0.133146	0.204924	1.68953	1.68953	0.303787	0.658614	-1.51834	0.274026	1.56252	1.56252	0.967949	1.01588	1.01588	0.0448777	0.40548	-2.46621	0.0324981	0.374791	-2.66815	0.693608	1.16795	1.16795	0.832008	0.920082	-1.08686	0.258996	1.58686	1.58686	2.25423	5.48894	2.1644	1
cg04743945	GRM3	0.133147	0.882241	0.965532	-1.0357	0.0373726	1.77128	1.77128	0.720674	1.08868	1.08868	0.18531	0.717199	-1.39431	0.658975	1.11082	1.11082	0.348271	1.25674	1.25674	0.378533	0.80751	-1.23838	0.0583541	0.602781	-1.65898	0.125002	1.48138	1.48138	2.25423	1.9993	0.788365	1
cg03209127	B3GALNT2	0.133149	0.326062	1.16407	1.16407	0.284819	1.18111	1.18111	0.0358116	1.44188	1.44188	0.195898	1.22743	1.22743	0.191668	1.23011	1.23011	0.890304	1.02089	1.02089	0.0686764	0.736889	-1.35706	0.456086	1.12045	1.12045	0.0689424	1.35657	1.35657	2.25421	0.801466	0.316037	1
cg08699631	FA2H	0.133156	0.508787	0.657752	-1.52033	0.0132605	0.146854	-6.80948	0.0997809	0.323894	-3.08743	0.973051	1.02134	1.02134	0.318014	0.524621	-1.90614	0.224762	0.450699	-2.21878	0.0248459	0.18839	-5.30813	0.184488	0.414882	-2.41032	0.951686	1.0386	1.0386	2.25416	13.9459	5.49933	1
cg11824985	LOC285550	0.133159	0.378604	0.815152	-1.22677	0.0888608	1.52898	1.52898	0.142573	1.42846	1.42846	0.96782	0.990914	-1.00917	0.0102705	2.07896	2.07896	0.310538	1.26795	1.26795	0.512699	0.860523	-1.16208	0.75038	0.930331	-1.07489	0.427547	1.20114	1.20114	2.25413	1.82751	0.720656	1
cg08295639	FOXI1;FOXI1	0.133165	0.893926	0.958646	-1.04314	0.394734	1.31778	1.31778	0.114467	0.58072	-1.722	0.793563	1.08657	1.08657	0.106324	0.572177	-1.74771	0.629206	1.16652	1.16652	0.375324	1.33382	1.33382	0.0524083	2.01037	2.01037	0.0510259	2.02097	2.02097	2.25409	3.57783	1.4109	1
cg04799588	PFKFB3;PFKFB3	0.133167	0.372235	1.35606	1.35606	0.0141678	2.73555	2.73555	0.261046	1.47656	1.47656	0.0691983	1.96589	1.96589	0.556151	1.21887	1.21887	0.206784	1.55688	1.55688	0.0893895	1.86398	1.86398	0.764478	1.10506	1.10506	0.241902	0.665483	-1.50267	2.25407	3.94628	1.55621	1
cg17130474	PINX1	0.133167	0.628211	1.12025	1.12025	0.992323	1.00224	1.00224	0.259465	1.31487	1.31487	0.639281	1.11611	1.11611	0.0956518	1.53099	1.53099	0.551706	1.15041	1.15041	0.0475414	1.69447	1.69447	0.0290333	0.549481	-1.8199	0.239199	1.33218	1.33218	2.25407	1.93301	0.762279	1
cg04902924	HCCA2;FAM99B	0.133169	0.10709	2.57461	2.57461	0.742341	0.837476	-1.19406	0.486975	0.684063	-1.46185	0.0553604	3.21432	3.21432	0.853723	0.905539	-1.10431	0.083035	2.80611	2.80611	0.0223822	4.35419	4.35419	0.292439	1.79898	1.79898	0.231235	1.96429	1.96429	2.25405	10.3184	4.06906	1
cg26693553	PFKP	0.133171	0.996476	1.00243	1.00243	0.244782	1.95009	1.95009	0.0214247	4.55926	4.55926	0.388986	1.62354	1.62354	0.0297744	0.245648	-4.07086	0.615302	1.32065	1.32065	0.631246	0.766858	-1.30402	0.602188	0.749252	-1.33466	0.784415	0.860255	-1.16245	2.25404	10.7564	4.24183	1
cg10436414	LMO4	0.133172	0.445744	0.767973	-1.30213	0.263617	1.48557	1.48557	0.519541	1.24826	1.24826	0.309615	0.699694	-1.4292	0.254558	0.667605	-1.49789	0.0263094	0.408639	-2.44715	0.0623618	0.490413	-2.0391	0.205466	0.635282	-1.5741	0.0775917	0.513631	-1.94692	2.25403	4.11816	1.62402	1
cg22791643	PRR4;TAS2R20;PRH1	0.133173	0.30444	0.555258	-1.80097	0.353809	0.589945	-1.69507	0.266588	0.527132	-1.89706	0.839372	1.11882	1.11882	0.00706279	0.145739	-6.8616	0.0521681	0.294698	-3.3933	0.110536	0.382146	-2.6168	0.911105	0.94009	-1.06373	0.300879	0.552675	-1.80938	2.25402	10.9239	4.30792	1
cg17236617	ACOT7	0.133176	0.133476	1.27518	1.27518	0.0228324	1.50544	1.50544	0.0870152	1.3282	1.3282	0.822433	1.03433	1.03433	0.149453	1.26128	1.26128	0.280459	1.18352	1.18352	0.167558	0.801772	-1.24724	0.761196	0.955253	-1.04684	0.643423	0.932383	-1.07252	2.254	0.805205	0.317541	1
cg04755857	EVC	0.133177	0.424461	0.838693	-1.19233	0.388351	0.826414	-1.21005	0.240498	0.767196	-1.30345	0.435892	0.842462	-1.187	0.748938	1.0717	1.0717	0.268699	0.780021	-1.28202	0.00738798	2.10511	2.10511	0.846467	0.959056	-1.04269	0.642148	1.10619	1.10619	2.25399	1.66025	0.654738	1
cg16486109	IRF7;IRF7;IRF7	0.133179	0.859181	1.05112	1.05112	0.655817	1.13422	1.13422	0.351078	1.30926	1.30926	0.123209	1.59815	1.59815	0.825292	1.06404	1.06404	0.641086	1.1409	1.1409	0.0034384	3.0517	3.0517	0.400587	1.27326	1.27326	0.156385	1.53064	1.53064	2.25397	2.81409	1.10978	1
cg00327263	STEAP3;STEAP3;STEAP3	0.133181	0.907553	1.02479	1.02479	0.663894	1.09656	1.09656	0.894368	1.0284	1.0284	0.492149	1.15845	1.15845	0.021014	0.556942	-1.79552	0.157564	1.37523	1.37523	0.0344635	1.68199	1.68199	0.619486	0.899837	-1.11131	0.615519	0.898743	-1.11267	2.25396	1.58676	0.625766	1
cg07066803	KLHDC8B	0.133183	0.373222	0.852842	-1.17255	0.827146	0.962634	-1.03882	0.0165493	0.600626	-1.66493	0.802772	0.957357	-1.04454	0.07766	0.710709	-1.40705	0.225802	1.24794	1.24794	0.135823	1.323	1.323	0.727064	1.06292	1.06292	0.78316	0.953097	-1.04921	2.25395	1.08248	0.426896	1
cg00974464	PRDM15;PRDM15	0.133186	0.920639	1.02265	1.02265	0.0566786	0.615809	-1.62388	0.235423	0.756186	-1.32243	0.866819	0.962981	-1.03844	0.987574	0.996506	-1.00351	0.913216	0.975797	-1.0248	0.0141874	1.97398	1.97398	0.451911	0.841775	-1.18797	0.238543	0.757721	-1.31975	2.25392	1.80306	0.71108	1
cg07647822	THRB;THRB;THRB	0.133187	0.304033	3.1331	3.1331	0.605595	1.74862	1.74862	0.364983	2.71458	2.71458	0.0444169	11.902	11.902	0.442945	0.432041	-2.31459	0.869137	1.19351	1.19351	0.874161	0.843634	-1.18535	0.0181418	21.716	21.716	0.0433552	12.0955	12.0955	2.25391	41.0858	16.2032	1
cg11809826	SMOC2;SMOC2	0.133188	0.0776836	2.23719	2.23719	0.162824	1.84372	1.84372	0.220943	1.69622	1.69622	0.48761	1.33588	1.33588	0.105228	0.483406	-2.06866	0.81468	0.908083	-1.10122	0.46792	0.738384	-1.35431	0.256473	1.62643	1.62643	0.0731538	0.440155	-2.27192	2.2539	6.01954	2.37397	1
cg17259265	HYLS1	0.133192	0.270366	0.420016	-2.38086	0.0901346	0.243719	-4.10308	0.0872558	0.239994	-4.16677	0.295466	0.440411	-2.2706	0.305808	0.448678	-2.22877	0.156772	0.318298	-3.14171	0.00963989	0.0840546	-11.897	0.256067	0.408156	-2.45004	0.0503576	0.185251	-5.39807	2.25387	20.3939	8.04302	1
cg15620734	LRRC27;LRRC27;LRRC27	0.133197	0.157678	1.54735	1.54735	0.613334	0.863088	-1.15863	0.177407	0.660861	-1.51318	0.944535	0.980096	-1.02031	0.0670724	0.552626	-1.80954	0.641457	0.87327	-1.14512	0.20409	1.47297	1.47297	0.399287	0.779313	-1.28318	0.0252354	0.463519	-2.15741	2.25383	2.9804	1.17544	1
cg05770740	QSOX1;QSOX1	0.133198	0.21708	0.760806	-1.3144	0.513888	1.14953	1.14953	0.211466	0.757976	-1.3193	0.609072	1.11469	1.11469	0.067668	0.649931	-1.53862	0.369946	0.823811	-1.21387	0.026573	0.575033	-1.73903	0.124072	1.41987	1.41987	0.741131	0.932594	-1.07228	2.25382	1.58168	0.623801	1
cg03473387	GATA6	0.133199	0.630446	1.49229	1.49229	0.890237	1.12078	1.12078	0.18451	3.19743	3.19743	0.0192807	0.0965718	-10.355	0.0760365	0.195859	-5.10571	0.877453	1.1359	1.1359	0.564409	0.618086	-1.6179	0.0654648	0.181331	-5.51478	0.732446	0.753226	-1.32762	2.25382	24.3429	9.60065	1
cg06545389	CCDC108;CCDC108	0.1332	0.645422	0.837676	-1.19378	0.272642	0.646297	-1.54728	0.0489047	2.36248	2.36248	0.552516	0.794753	-1.25825	0.488473	0.764109	-1.30871	0.210174	0.603607	-1.65671	0.104018	0.506864	-1.97292	0.0523383	2.32473	2.32473	0.831933	1.08464	1.08464	2.25381	5.21685	2.05749	1
cg04312752	NDUFS6;MRPL36	0.133202	0.662547	1.08019	1.08019	0.652734	1.08282	1.08282	0.00327821	2.02171	2.02171	0.428905	1.15242	1.15242	0.58333	1.1022	1.1022	0.553105	1.11115	1.11115	0.206792	1.26351	1.26351	0.396639	0.858577	-1.16472	0.715277	1.06647	1.06647	2.2538	1.1015	0.434429	1
cg01468567	TEAD2	0.133202	0.646026	1.18039	1.18039	0.191463	0.608989	-1.64207	0.800519	0.913202	-1.09505	0.396163	0.732267	-1.36562	0.0163181	0.348867	-2.86643	0.0125202	0.328252	-3.04644	0.302542	0.681805	-1.4667	0.630269	0.840355	-1.18997	0.480699	0.773319	-1.29313	2.2538	4.59066	1.81054	1
cg00338685	SCRIB;SCRIB	0.133205	0.0894218	0.399672	-2.50205	0.299244	0.59045	-1.69362	0.699014	0.826734	-1.20958	0.928575	1.04488	1.04488	0.0200082	0.252917	-3.95386	0.260715	0.563006	-1.77618	0.0126306	0.219053	-4.5651	0.701266	0.827984	-1.20775	0.389575	0.649349	-1.54	2.25377	8.56054	3.37628	1
cg17085748	MXD1	0.133206	0.465082	0.771231	-1.29663	0.151465	0.584492	-1.71089	0.0928259	0.524067	-1.90815	0.979573	1.00899	1.00899	0.538791	0.804577	-1.24289	0.906397	1.04196	1.04196	0.0053698	0.277778	-3.6	0.535922	1.24485	1.24485	0.553455	0.811028	-1.233	2.25376	4.35775	1.7187	1
cg13327785	SFRS8	0.133208	0.198903	2.03367	2.03367	0.171123	2.14251	2.14251	0.926783	1.04923	1.04923	0.929584	0.954836	-1.0473	0.0133797	0.201513	-4.96247	0.566347	0.738526	-1.35405	0.144352	2.27039	2.27039	0.470576	1.46787	1.46787	0.494188	0.695571	-1.43767	2.25375	9.75955	3.84921	1
cg22280238	SLC38A10;SLC38A10	0.133211	0.673578	0.852368	-1.1732	0.693011	1.16136	1.16136	0.0731367	2.1244	2.1244	0.731451	1.1387	1.1387	0.213891	0.610539	-1.6379	0.0685181	0.463558	-2.15723	0.10511	0.512912	-1.94965	0.0596899	0.448797	-2.22818	0.612601	1.2123	1.2123	2.25373	5.07375	2.00113	1
cg02178630	TNS1	0.133215	0.0537497	1.80255	1.80255	0.95881	1.01399	1.01399	0.264432	0.731308	-1.36741	0.747352	1.09084	1.09084	0.0518818	1.81323	1.81323	0.318601	1.31957	1.31957	0.096999	0.612603	-1.63238	0.903807	0.967998	-1.03306	0.131916	1.54878	1.54878	2.2537	2.58324	1.01886	1
cg18576210	HIST1H3B;HIST1H2AB	0.133217	0.166886	0.59958	-1.66784	0.342628	1.40407	1.40407	0.389742	0.736438	-1.35789	0.0429269	0.445445	-2.24495	0.0152254	0.355363	-2.81402	0.754471	1.11505	1.11505	0.625776	1.18601	1.18601	0.24298	0.65436	-1.52821	0.881666	0.949611	-1.05306	2.25368	4.30045	1.69617	1
cg09183138	INPP5A	0.133219	0.286155	0.613577	-1.62979	0.0179984	0.281562	-3.55161	0.289371	0.615725	-1.6241	0.627477	0.806021	-1.24066	0.0360152	0.341135	-2.93139	0.348138	0.653146	-1.53105	0.239622	0.581005	-1.72116	0.242193	1.7156	1.7156	0.139658	0.496141	-2.01556	2.25367	6.94062	2.73751	1
cg22625752	VSX1;VSX1	0.133221	0.428775	0.829823	-1.20508	0.00751894	0.451864	-2.21305	0.500449	0.853906	-1.17109	0.660593	0.902996	-1.10742	0.502702	1.17009	1.17009	0.569812	0.875782	-1.14184	0.495157	1.17345	1.17345	0.11365	1.48809	1.48809	0.505422	0.855515	-1.16889	2.25365	1.90338	0.750734	1
cg16747427	HLA-E	0.133224	0.115997	1.6616	1.6616	0.460577	1.2502	1.2502	0.0499048	1.94392	1.94392	0.538202	0.830895	-1.20352	0.915097	0.968798	-1.03221	0.735361	0.904078	-1.1061	0.182018	1.52356	1.52356	0.126474	1.63457	1.63457	0.0166258	2.38523	2.38523	2.25363	3.1535	1.24382	1
cg15836394	FDFT1	0.133225	0.0874742	0.746239	-1.34005	0.376535	0.868664	-1.15119	0.58019	1.09055	1.09055	0.616556	0.924658	-1.08148	0.200854	1.2332	1.2332	0.627132	1.07891	1.07891	0.774365	0.956384	-1.04561	0.0124157	0.617054	-1.6206	0.337538	1.1658	1.1658	2.25362	0.859237	0.338907	1
cg10675903	DFNA5;DFNA5;DFNA5	0.133227	0.192757	0.582294	-1.71735	0.64108	0.831779	-1.20224	0.965602	1.01706	1.01706	0.0297672	2.72747	2.72747	0.04815	0.412299	-2.42542	0.591725	0.808643	-1.23664	0.39782	1.40442	1.40442	0.154171	1.81926	1.81926	0.865627	1.0687	1.0687	2.2536	5.49307	2.16663	1
cg04312358	NUMBL	0.133227	0.112282	0.398329	-2.51049	0.0549228	0.31385	-3.18624	0.50581	0.69808	-1.4325	0.29425	0.560376	-1.78452	0.265565	0.539208	-1.85457	0.00596901	0.147552	-6.77729	0.444218	0.660176	-1.51475	0.450791	0.664278	-1.50539	0.85314	1.10368	1.10368	2.2536	10.1158	3.98999	1
cg04873861	TSEN2;TSEN2;TSEN2;TSEN2;TSEN2	0.133228	0.548068	1.20469	1.20469	0.472909	1.25066	1.25066	0.00733659	2.88337	2.88337	0.0458771	2.0161	2.0161	0.46861	0.797777	-1.25348	0.907141	1.0364	1.0364	0.625866	0.860239	-1.16247	0.944787	0.979003	-1.02145	0.371278	1.32482	1.32482	2.25359	3.35052	1.32155	1
cg26155475	CLIC4	0.13323	0.87473	1.09375	1.09375	0.413539	1.60769	1.60769	0.713755	1.23276	1.23276	0.675863	0.78754	-1.26978	0.233878	0.492207	-2.03166	0.786591	0.857154	-1.16665	0.257862	0.511387	-1.95547	0.025781	4.49881	4.49881	0.0278786	4.37539	4.37539	2.25358	11.5147	4.54179	1
cg10674611	PIAS4	0.13323	0.265099	0.7906	-1.26486	0.0307316	1.67097	1.67097	0.229982	1.29021	1.29021	0.122802	1.4025	1.4025	0.358944	0.82627	-1.21026	0.651425	0.912097	-1.09637	0.875867	1.03213	1.03213	0.126423	0.7157	-1.39723	0.304805	0.806552	-1.23985	2.25358	1.46079	0.576188	1
cg23232563	RSPO3	0.133237	0.0599106	1.57337	1.57337	0.0745733	1.52823	1.52823	0.841019	1.04381	1.04381	0.980826	1.00514	1.00514	0.142363	0.714112	-1.40034	0.153408	0.721532	-1.38594	0.64964	0.906972	-1.10257	0.103556	0.683792	-1.46243	0.504455	1.1556	1.1556	2.25352	1.62698	0.641754	1
cg24901662	PARD3	0.133237	0.182479	0.595006	-1.68065	0.00285651	0.221737	-4.50986	0.213627	0.618449	-1.61695	0.612225	0.828965	-1.20632	0.460123	0.758841	-1.3178	0.960875	0.98216	-1.01816	0.362119	0.709118	-1.4102	0.662602	0.851202	-1.17481	0.512647	0.783754	-1.27591	2.25352	4.8059	1.89566	1
cg10737625	RCHY1;RCHY1;RCHY1;THAP6	0.133239	0.452202	0.941569	-1.06206	0.0485857	1.19376	1.19376	0.697923	1.03114	1.03114	0.813389	0.981582	-1.01876	0.182265	1.11772	1.11772	0.343171	1.07979	1.07979	0.180677	0.894275	-1.11822	0.0198147	1.24752	1.24752	0.509192	1.05405	1.05405	2.2535	0.220567	0.0870019	1
cg08610063	C20orf11;DIDO1;DIDO1;DIDO1	0.133244	0.230185	1.20092	1.20092	0.194948	1.22066	1.22066	0.018443	1.51552	1.51552	0.165595	0.806484	-1.23995	0.613513	0.928605	-1.07688	0.668497	0.939271	-1.06466	0.149415	0.798663	-1.25209	0.553841	1.091	1.091	0.448273	1.11896	1.11896	2.25347	0.754937	0.297787	1
cg08196642	SIL1;SIL1	0.133245	0.0517384	0.660564	-1.51386	0.69244	1.07731	1.07731	0.331512	0.828897	-1.20642	0.38606	0.846678	-1.18109	0.00719784	0.522175	-1.91507	0.852445	1.03549	1.03549	0.615613	0.909538	-1.09946	0.589311	1.10747	1.10747	0.270535	0.806639	-1.23971	2.25346	1.25209	0.493895	1
cg03889876	EFCAB2;EFCAB2;EFCAB2;EFCAB2;EFCAB2	0.133248	0.159189	0.81497	-1.22704	0.111524	0.790008	-1.26581	0.0426886	1.37341	1.37341	0.0715308	0.760589	-1.31477	0.188721	1.20849	1.20849	0.96414	0.993905	-1.00613	0.559528	0.922889	-1.08355	0.955949	0.992516	-1.00754	0.6163	1.07112	1.07112	2.25344	0.660007	0.260346	1
cg18106898	LOXL1	0.133249	0.377372	0.814272	-1.22809	0.449643	0.839669	-1.19095	0.00839723	0.46594	-2.1462	0.144237	0.700605	-1.42734	0.648023	0.900994	-1.10989	0.930519	0.980413	-1.01998	0.256422	1.30827	1.30827	0.512821	1.16248	1.16248	0.14031	0.697778	-1.43312	2.25343	1.8363	0.724347	1
cg01202731	TMEM182	0.133249	0.17714	0.721104	-1.38676	0.192599	1.36934	1.36934	0.178413	0.721882	-1.38527	0.43529	0.834071	-1.19894	0.239299	1.3243	1.3243	0.102133	1.50348	1.50348	0.0412946	1.71007	1.71007	0.508814	0.858326	-1.16506	0.802109	0.944368	-1.05891	2.25343	1.85426	0.731432	1
cg06720424	UIMC1	0.133252	0.725773	1.09966	1.09966	0.648484	1.1318	1.1318	0.889182	0.963089	-1.03833	0.130866	1.5528	1.5528	0.510696	1.19719	1.19719	0.0800901	0.59225	-1.68848	0.038045	0.52271	-1.91311	0.0599127	0.564039	-1.77293	0.426333	0.803226	-1.24498	2.25341	2.59718	1.0245	1
cg05138704	FTSJ1;FTSJ1;FTSJ1;FTSJ1	0.133252	0.070661	0.354235	-2.82298	0.0980804	0.393668	-2.54021	0.244813	0.535232	-1.86835	0.86209	1.09344	1.09344	0.0345777	0.281949	-3.54674	0.0407214	0.297075	-3.36616	0.936248	0.959734	-1.04196	0.752182	0.849806	-1.17674	0.0510237	0.319239	-3.13245	2.2534	9.41996	3.71585	1
cg25672142	TMEM45A;TMEM45A	0.133256	0.89543	0.968219	-1.03282	0.443557	1.2115	1.2115	0.50973	0.848535	-1.1785	0.107734	0.649802	-1.53893	0.220643	0.728874	-1.37198	0.0390537	0.556203	-1.79791	0.0208302	0.505009	-1.98016	0.674856	0.901569	-1.10918	0.337712	1.27473	1.27473	2.25338	2.15271	0.849177	1
cg05741638	DBNDD1	0.133257	0.718337	0.895621	-1.11654	0.263166	1.42623	1.42623	0.0389261	2.07005	2.07005	0.432631	1.27599	1.27599	0.0435019	0.493339	-2.027	0.256533	0.697368	-1.43396	0.542113	0.828767	-1.20661	0.390169	1.30734	1.30734	0.263307	0.701228	-1.42607	2.25337	3.30584	1.30406	1
cg09988528	CCDC154;CLCN7;CLCN7	0.133258	0.00791403	0.48747	-2.05141	0.136634	0.712992	-1.40254	0.193054	0.747825	-1.33721	0.757587	0.936775	-1.06749	0.425341	0.842199	-1.18737	0.589886	1.12164	1.12164	0.0699079	0.652105	-1.5335	0.908933	1.02443	1.02443	0.223899	0.763723	-1.30938	2.25336	1.58827	0.626529	1
cg20412283	DDAH2	0.133261	0.0216301	0.702151	-1.4242	0.672619	0.946964	-1.05601	0.161262	1.21146	1.21146	0.618588	0.937675	-1.06647	0.252873	1.16547	1.16547	0.895736	1.01695	1.01695	0.0509284	0.751935	-1.3299	0.295222	0.870072	-1.14933	0.732514	1.04497	1.04497	2.25334	0.586682	0.231432	1
cg14159007	UNC13C	0.133262	0.0646026	0.415591	-2.40621	0.142038	0.512885	-1.94975	0.692345	0.845169	-1.18319	0.329608	0.653398	-1.53046	0.195156	0.560129	-1.7853	0.0486005	0.385636	-2.59312	0.0104601	0.255837	-3.90874	0.939208	0.968252	-1.03279	0.235793	0.591243	-1.69135	2.25333	6.38519	2.51882	1
cg09996777	PXDN	0.133264	0.112691	0.625104	-1.59973	0.167614	0.670176	-1.49214	0.0218968	0.473157	-2.11346	0.117836	0.629952	-1.58742	0.0474099	0.53948	-1.85364	0.140245	0.649369	-1.53996	0.909851	1.0313	1.0313	0.732581	0.910896	-1.09782	0.0629737	0.566	-1.76678	2.25332	2.64226	1.04232	1
cg25822326	NET1	0.133264	0.0279799	0.447269	-2.23579	0.920205	0.969425	-1.03154	0.504824	0.810812	-1.23333	0.681544	0.879972	-1.1364	0.618514	1.16832	1.16832	0.0307587	2.19518	2.19518	0.682564	0.880357	-1.1359	0.392788	1.31166	1.31166	0.162528	1.58733	1.58733	2.25331	3.42724	1.35198	1
cg07506841	FAM183B	0.133265	0.642295	0.828221	-1.20741	0.0777584	0.453921	-2.20303	0.212915	0.58946	-1.69647	0.00747368	0.249663	-4.0054	0.121476	0.50841	-1.96692	0.862307	0.932444	-1.07245	0.781392	1.11861	1.11861	0.555293	1.27174	1.27174	0.92314	0.961864	-1.03965	2.2533	5.79365	2.28549	1
cg03612357	CABC1	0.133266	0.536485	1.64149	1.64149	0.00709406	15.7106	15.7106	0.0536947	5.66682	5.66682	0.341558	0.460262	-2.17268	0.992337	0.992425	-1.00763	0.52887	1.65723	1.65723	0.576412	1.56339	1.56339	0.925709	0.928816	-1.07664	0.686397	0.725149	-1.37903	2.25329	22.3728	8.82574	1
cg20656116	CD59;CD59;CD59;CD59	0.133267	0.911476	1.06071	1.06071	0.808187	0.879069	-1.13757	0.996355	1.00242	1.00242	0.22644	1.96022	1.96022	0.00982099	0.177334	-5.63907	?	?	?	0.125968	2.40471	2.40471	0.629573	1.29376	1.29376	0.797835	1.14571	1.14571	2.27342	8.98835	3.95367	1
cg17733447	SP6	0.133268	0.0705249	2.97881	2.97881	0.656115	0.785035	-1.27383	0.0594918	0.317046	-3.15411	0.4657	0.669705	-1.49319	0.360789	0.602091	-1.66088	0.474827	0.675381	-1.48065	0.104503	0.383545	-2.60726	0.246166	1.92509	1.92509	0.182584	2.14656	2.14656	2.25328	10.4077	4.10568	1
cg13738382	LOC729384	0.133269	0.495447	0.768484	-1.30126	0.879967	0.944131	-1.05918	0.356804	0.697283	-1.43414	0.461374	0.751799	-1.33014	0.9706	0.986077	-1.01412	0.355813	0.696735	-1.43527	0.00319284	0.21618	-4.62577	0.206557	0.602397	-1.66003	0.155164	0.560596	-1.78382	2.25327	5.16534	2.03767	1
cg27574654	IL19;IL19	0.133271	0.646143	1.12182	1.12182	0.165516	1.44454	1.44454	0.82783	0.94728	-1.05565	0.62056	0.883299	-1.13212	0.717852	1.09443	1.09443	0.0406114	1.80019	1.80019	0.0393705	0.552841	-1.80884	0.116844	0.654659	-1.52751	0.691707	0.905644	-1.10419	2.25326	2.20659	0.870478	1
ch.21.720335R	TRAPPC10	0.133272	0.0131737	0.17195	-5.81565	0.28446	0.528929	-1.89061	0.35852	0.582262	-1.71744	0.175725	0.438358	-2.28124	0.547824	1.41677	1.41677	0.045873	0.269572	-3.70958	0.0687449	0.311329	-3.21204	0.905267	0.934076	-1.07058	0.770709	0.845861	-1.18223	2.25325	11.7094	4.61925	1
cg06004017	MN1	0.133274	0.30189	0.696693	-1.43535	0.00590604	0.296118	-3.37703	0.762812	0.902781	-1.10769	0.551914	1.22552	1.22552	0.287956	0.688812	-1.45177	0.121399	0.56697	-1.76376	0.650668	0.857237	-1.16654	0.338007	0.716235	-1.39619	0.412642	1.32715	1.32715	2.25324	4.07465	1.60743	1
cg26404223	CLSTN1;CLSTN1	0.133274	0.832313	1.06395	1.06395	0.122686	1.63067	1.63067	0.041334	0.502584	-1.98972	0.734556	1.10462	1.10462	0.948628	1.01902	1.01902	0.0428566	0.505897	-1.97669	0.104304	1.68059	1.68059	0.804659	1.07514	1.07514	0.953186	1.01731	1.01731	2.25323	3.05019	1.20328	1
cg06173956	NKD1	0.133276	0.303929	0.589017	-1.69774	0.00419475	0.14859	-6.72992	0.356379	0.624019	-1.60252	0.897046	1.06647	1.06647	0.228641	0.53361	-1.87403	0.163628	0.477588	-2.09386	0.387116	0.643588	-1.55379	0.358707	0.625523	-1.59866	0.116426	0.428243	-2.33512	2.25322	8.81885	3.47902	1
cg05497689	TRIP13;TRIP13	0.133277	0.329288	0.886565	-1.12795	0.933618	1.01001	1.01001	0.0313665	0.739372	-1.3525	0.233713	1.16102	1.16102	0.951455	0.992746	-1.00731	0.819506	0.973038	-1.02771	0.0176838	0.708189	-1.41205	0.246429	0.865066	-1.15598	0.198311	0.849949	-1.17654	2.25321	0.510336	0.201327	1
cg06100474	LOC388946	0.133277	0.0817971	1.8602	1.8602	0.116218	1.73222	1.73222	0.258551	1.46139	1.46139	0.954508	0.981808	-1.01853	0.0140951	0.377128	-2.65162	0.930396	0.972276	-1.02851	0.950606	1.02014	1.02014	0.669878	1.14799	1.14799	0.978283	1.0088	1.0088	2.25321	3.69617	1.45814	1
cg12466324	OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1;OPRM1	0.133278	0.744503	0.895281	-1.11697	0.100467	0.544071	-1.838	0.0703156	0.504427	-1.98245	0.517973	0.801153	-1.2482	0.00716758	0.309008	-3.23616	0.907241	1.04022	1.04022	0.597323	1.19761	1.19761	0.635852	0.850997	-1.17509	0.23365	0.655483	-1.52559	2.25321	4.0833	1.61086	1
cg10667437	WWC2	0.133278	0.169575	0.652021	-1.53369	0.0413106	0.502611	-1.98961	0.113811	0.604798	-1.65345	0.302706	0.731939	-1.36623	0.0920537	0.581555	-1.71953	0.282052	0.721266	-1.38645	0.0751481	1.78461	1.78461	0.376421	0.766969	-1.30383	0.948352	0.981243	-1.01912	2.2532	3.04875	1.20273	1
cg05988267	RRN3P1	0.133279	0.527904	0.869185	-1.1505	0.609716	1.11948	1.11948	0.505234	1.15976	1.15976	0.328763	1.24729	1.24729	0.49067	1.16588	1.16588	0.86773	1.03722	1.03722	0.00831071	0.47731	-2.09508	0.588425	1.12724	1.12724	0.117303	1.452	1.452	2.25319	1.71504	0.676585	1
cg17616646	PITPNM1;PITPNM1	0.133284	0.389432	0.631189	-1.58431	0.635537	1.28286	1.28286	0.233666	1.9183	1.9183	0.762799	0.853916	-1.17107	0.293751	0.566546	-1.76508	0.790205	0.870127	-1.14926	0.00965856	0.181121	-5.52116	0.0654644	0.340032	-2.9409	0.305489	0.574884	-1.73948	2.25316	9.7134	3.83201	1
cg13454935	NIT2;NIT2	0.133284	0.238621	0.795403	-1.25722	0.647541	0.918173	-1.08912	0.366288	1.18785	1.18785	0.00678743	0.521716	-1.91675	0.121271	0.732293	-1.36557	0.354524	0.838071	-1.19322	0.249502	0.799946	-1.25009	0.939245	0.985962	-1.01424	0.587831	1.10682	1.10682	2.25315	1.22743	0.484232	1
cg25102919	POLR2D	0.133285	0.497062	1.14203	1.14203	0.383494	1.18783	1.18783	0.164047	0.751252	-1.33111	0.115762	0.719433	-1.38998	0.15758	0.747462	-1.33786	0.0157493	0.565552	-1.76818	0.702589	0.928771	-1.07669	0.366338	1.19573	1.19573	0.690098	1.08025	1.08025	2.25315	1.32389	0.522287	1
cg27297263	NT5E	0.133285	0.170379	0.614101	-1.6284	0.0221767	0.400216	-2.49865	0.192922	0.631189	-1.58431	0.394157	1.33839	1.33839	0.293375	0.694892	-1.43907	0.212534	0.645018	-1.55034	0.0375871	0.446822	-2.23803	0.149459	0.596816	-1.67556	0.738207	1.11853	1.11853	2.25315	3.97965	1.57001	1
cg15697849	DBX2	0.133288	0.806942	1.04113	1.04113	0.182804	0.790708	-1.26469	0.544318	0.90376	-1.10649	0.803524	1.0419	1.0419	0.856805	0.970703	-1.03018	0.961123	0.992009	-1.00806	0.00383395	0.509847	-1.96137	0.678146	1.07117	1.07117	0.944743	0.988656	-1.01147	2.37707	0.998471	0.3267	1
cg09061583	ACOT9;ACOT9	0.133292	0.234651	0.38876	-2.57228	0.238713	2.54944	2.54944	0.666576	1.38922	1.38922	0.0202301	8.36171	8.36171	0.409282	0.527271	-1.89656	0.0757581	0.223343	-4.47742	0.568285	0.645727	-1.54864	0.342772	2.09863	2.09863	0.637721	1.43293	1.43293	2.2531	20.5253	8.09762	1
cg13605988	DUOX1;DUOX1;DUOXA1	0.133295	0.45242	0.717442	-1.39384	0.128921	2.03763	2.03763	0.461156	0.722204	-1.38465	0.637639	0.813997	-1.22851	0.850638	0.921481	-1.08521	0.405104	0.691074	-1.44702	0.677874	0.834274	-1.19865	0.00683154	4.57186	4.57186	0.926553	0.960794	-1.04081	2.25307	6.71466	2.64909	1
cg00830444	UNKL	0.133297	0.804344	0.851665	-1.17417	0.845351	1.13465	1.13465	0.625681	0.727591	-1.3744	0.596837	0.707998	-1.41243	0.0693802	0.268725	-3.72128	0.0513741	0.238135	-4.1993	0.0277292	0.185787	-5.38251	0.1657	2.60208	2.60208	0.189616	0.407069	-2.45659	2.25306	14.9316	5.89091	1
cg03166428	BGN	0.133298	0.302076	0.532115	-1.87929	0.0412133	0.249139	-4.01382	0.320935	0.545993	-1.83152	0.237409	2.0759	2.0759	0.33498	0.556141	-1.79811	0.0295765	0.220545	-4.53422	0.977368	1.01688	1.01688	0.628594	0.750042	-1.33326	0.185943	2.28773	2.28773	2.25305	12.4258	4.9023	1
cg18684041	CEP97	0.133299	0.703521	1.11564	1.11564	0.00747458	0.373223	-2.67936	0.251333	1.40915	1.40915	0.776811	0.921885	-1.08473	0.531064	0.833948	-1.19912	0.269889	0.719792	-1.38929	0.460369	1.23998	1.23998	0.710405	1.11264	1.11264	0.265824	1.39352	1.39352	2.25304	2.92247	1.153	1
cg06475894	C1orf65	0.133301	0.280382	0.785245	-1.27349	0.0712377	0.647826	-1.54362	0.307206	0.796325	-1.25577	0.606418	0.894071	-1.11848	0.924087	1.02075	1.02075	0.782505	1.06144	1.06144	0.0124208	1.95498	1.95498	0.344248	0.810659	-1.23356	0.967666	0.991304	-1.00877	2.25302	1.65646	0.653525	1
cg02739744	IQCE;IQCE	0.133302	0.651534	1.06382	1.06382	0.796717	0.965481	-1.03575	0.298928	0.863717	-1.15779	0.927845	0.98775	-1.0124	0.234569	0.844037	-1.18478	0.819438	1.0316	1.0316	0.00467414	1.66825	1.66825	0.925206	1.01286	1.01286	0.771852	0.961208	-1.04036	2.25302	0.660809	0.260711	1
cg17783982	MEF2C;MEF2C	0.133304	0.684155	1.06261	1.06261	0.321368	1.16429	1.16429	0.00866114	1.64354	1.64354	0.655793	1.06888	1.06888	0.227693	1.20685	1.20685	0.360116	0.869627	-1.14992	0.517737	0.907223	-1.10226	0.207383	1.21823	1.21823	0.276216	0.845216	-1.18313	2.253	0.786582	0.310335	1
cg05456482	ELP4	0.133306	0.362022	0.802399	-1.24626	0.17832	0.714603	-1.39938	0.040674	0.573904	-1.74245	0.270273	0.763593	-1.3096	0.0103764	0.468371	-2.13506	0.155802	0.6999	-1.42878	0.161046	0.703459	-1.42155	0.811257	0.945338	-1.05782	0.0867365	0.641127	-1.55975	2.25298	1.97003	0.777252	1
cg10678937	GSTTP1	0.133308	0.0647836	0.526703	-1.8986	0.193694	0.653706	-1.52974	0.84041	0.939579	-1.06431	0.287106	1.40729	1.40729	0.0878883	0.558652	-1.79002	0.265408	1.43154	1.43154	0.0450216	0.491151	-2.03603	0.486692	1.24416	1.24416	0.364752	0.749854	-1.33359	2.25297	3.40931	1.34512	1
cg10715287	TMEM63C	0.13331	0.37443	0.882215	-1.13351	0.967441	0.994405	-1.00563	0.265365	1.17298	1.17298	0.564409	0.923038	-1.08338	0.890696	0.981277	-1.01908	0.376785	0.882788	-1.13277	0.00674722	0.617069	-1.62056	0.116987	0.791298	-1.26375	0.486797	1.102	1.102	2.25295	0.674205	0.266003	1
cg07011168	ARHGAP22	0.133314	0.0891971	0.412243	-2.42575	0.184029	0.513619	-1.94697	0.492121	0.719028	-1.39077	0.454006	0.697258	-1.43419	0.696861	1.20332	1.20332	0.0901221	2.41833	2.41833	0.0737526	2.56613	2.56613	0.26391	1.73427	1.73427	0.224972	0.547411	-1.82678	2.25292	7.97566	3.14679	1
cg24919348	MIR599;VPS13B;VPS13B;MIR875	0.133315	0.137654	0.366239	-2.73045	0.189895	0.417979	-2.39246	0.130524	0.358456	-2.78974	0.730462	0.804704	-1.24269	0.00831862	0.120127	-8.32452	0.375238	0.564524	-1.7714	0.104408	0.327832	-3.05034	0.798001	1.17484	1.17484	0.101405	0.324055	-3.0859	2.25291	14.0846	5.5571	1
cg09247175	TNFRSF8;TNFRSF8	0.133316	0.965491	1.01043	1.01043	0.906029	1.02872	1.02872	0.3136	0.778884	-1.28389	0.533608	0.859701	-1.16319	0.0110633	0.465802	-2.14684	0.140374	1.46274	1.46274	0.387103	1.23685	1.23685	0.5743	0.872768	-1.14578	0.111505	0.659929	-1.51531	2.25291	2.0513	0.809344	1
cg08505355	NARFL	0.133318	0.314215	0.775772	-1.28904	0.614348	1.13195	1.13195	0.0411822	1.77645	1.77645	0.502176	0.846924	-1.18074	0.880421	0.963944	-1.0374	0.702963	0.910774	-1.09797	0.0186105	0.4986	-2.00561	0.490976	0.843108	-1.18609	0.177304	0.704842	-1.41876	2.25289	2.1233	0.837757	1
cg13365375	AHCYL2;AHCYL2	0.133322	0.986047	1.0028	1.0028	0.860785	1.02846	1.02846	0.06415	0.717121	-1.39447	0.595901	1.08932	1.08932	0.720339	1.05915	1.05915	0.0269491	1.52009	1.52009	0.116132	1.31383	1.31383	0.320015	1.17851	1.17851	0.0812766	1.36195	1.36195	2.25286	0.911642	0.359697	1
cg09802426	LOC100134713;NDUFB2	0.133325	?	?	?	0.113414	0.164857	-6.06587	0.377398	2.58008	2.58008	0.966436	0.956922	-1.04502	0.00654707	0.0248123	-40.3025	0.926649	0.908139	-1.10115	0.779134	1.34208	1.34208	0.728469	0.694398	-1.4401	0.866894	1.19189	1.19189	2.27295	35.0412	15.4166	1
cg22028199	C11orf30	0.133326	0.490778	0.795291	-1.2574	0.85546	1.06149	1.06149	0.586874	1.19667	1.19667	0.868964	0.947402	-1.05552	0.022142	0.407507	-2.45395	0.961766	0.984435	-1.01581	0.724012	1.12302	1.12302	0.0194808	2.51971	2.51971	0.4033	1.32297	1.32297	2.25283	3.82099	1.50763	1
cg11520568	UBE2N	0.133327	0.152437	1.84742	1.84742	0.777122	0.892575	-1.12035	0.491206	1.32312	1.32312	0.237609	1.64118	1.64118	0.0202517	0.325946	-3.06799	0.596404	0.807331	-1.23865	0.124046	0.513269	-1.9483	0.6649	1.19067	1.19067	0.227222	1.66138	1.66138	2.25282	5.72141	2.25748	1
cg04230662	MRPL20	0.13333	0.895426	1.01587	1.01587	0.0724452	0.786639	-1.27123	0.232652	0.860838	-1.16166	0.599742	1.06545	1.06545	0.381134	0.898031	-1.11355	0.0248671	0.72637	-1.37671	0.115843	0.814947	-1.22707	0.286093	1.14183	1.14183	0.328786	1.12826	1.12826	2.2528	0.511439	0.201799	1
cg05728667	TMEM184C;TMEM184C	0.133332	0.25422	0.845742	-1.18239	0.957557	0.992539	-1.00752	0.513185	1.09781	1.09781	0.975442	1.00434	1.00434	0.987515	1.0022	1.0022	0.121031	1.26692	1.26692	0.0633837	0.745437	-1.3415	0.0184906	0.66895	-1.49488	0.498984	1.1014	1.1014	2.25278	0.706544	0.278784	1
cg06197372	TBPL1	0.133335	0.714089	1.05614	1.05614	0.333215	1.15972	1.15972	0.716079	1.05572	1.05572	0.22742	1.20696	1.20696	0.670232	1.06565	1.06565	0.386834	1.14075	1.14075	0.730481	0.94996	-1.05268	0.624735	1.07593	1.07593	0.00589668	0.585775	-1.70714	2.25276	0.786276	0.310247	1
cg10448795	SMURF1;SMURF1	0.133344	0.541282	0.910741	-1.09801	0.957396	0.991955	-1.00811	0.0434506	0.703912	-1.42063	0.998684	0.999751	-1.00025	0.734424	1.05283	1.05283	0.211624	0.819589	-1.22012	0.0256172	1.49316	1.49316	0.113296	0.77063	-1.29764	0.668714	0.936989	-1.06725	2.25269	0.81554	0.321804	1
cg21451253	NPHP4	0.133345	0.755538	1.13927	1.13927	0.0272057	0.335785	-2.97809	0.3142	0.647562	-1.54425	0.4508	1.3782	1.3782	0.0160075	0.291984	-3.42485	0.806503	1.10789	1.10789	0.462459	0.731777	-1.36654	0.408976	1.42272	1.42272	0.545801	0.774739	-1.29076	2.25268	6.21855	2.45379	1
ch.1.1359032F	PTPRF;PTPRF	0.133347	0.0982708	0.598252	-1.67154	0.013245	0.419045	-2.38638	0.0475438	0.526196	-1.90043	0.108512	0.608968	-1.64212	0.162953	0.655776	-1.52491	0.368564	0.76978	-1.29907	0.0656509	0.556954	-1.79548	0.566722	0.84869	-1.17829	0.360493	0.766181	-1.30517	2.25266	2.86366	1.12998	1
cg00220517	DNMT3A;DNMT3A;DNMT3A	0.133349	0.498564	0.667828	-1.49739	0.707015	0.801003	-1.24843	0.0355602	0.237437	-4.21165	0.842739	0.889829	-1.12381	0.309352	0.538899	-1.85563	0.26972	0.508954	-1.96482	0.0203403	5.17305	5.17305	0.385871	0.593104	-1.68605	0.677506	1.27859	1.27859	2.25265	12.3202	4.8615	1
cg19861110	GAS2L3	0.133352	0.99753	0.999595	-1.00041	0.689832	0.948799	-1.05396	0.634071	0.939105	-1.06484	0.173763	0.827286	-1.20877	0.724574	0.954707	-1.04744	0.267598	0.859583	-1.16336	0.00345051	0.594336	-1.68255	0.711395	1.04989	1.04989	0.252245	0.854965	-1.16964	2.25262	0.612419	0.241661	1
cg10140728	APH1B;APH1B	0.133354	0.85169	1.04709	1.04709	0.291528	1.30876	1.30876	0.929409	1.02202	1.02202	0.236428	1.35662	1.35662	0.154377	1.45472	1.45472	0.63127	0.887911	-1.12624	0.153978	0.687134	-1.45532	0.0200168	1.99383	1.99383	0.0641513	1.66765	1.66765	2.25261	2.15635	0.850906	1
cg09143801	SEMA6C	0.133356	0.10317	3.20846	3.20846	0.8333	1.14778	1.14778	0.250593	2.19265	2.19265	0.923091	0.938803	-1.06519	0.354789	1.86366	1.86366	0.193911	2.45685	2.45685	0.0145971	7.14857	7.14857	0.0358314	4.93847	4.93847	0.0792504	3.5758	3.5758	2.2526	15.2579	6.02088	1
cg04013592	SYNPR	0.133356	0.964407	1.01776	1.01776	0.715395	1.15544	1.15544	0.00762066	0.258276	-3.87182	0.20947	0.593385	-1.68525	0.484529	1.3235	1.3235	0.184463	0.573837	-1.74266	0.149307	0.543309	-1.84057	0.743868	1.1381	1.1381	0.219914	0.60113	-1.66353	2.25259	5.55378	2.19156	1
cg17463505	TRAPPC9;TRAPPC9	0.133358	0.258318	0.758267	-1.3188	0.0703732	0.622185	-1.60724	0.0932115	0.648402	-1.54225	0.35746	0.800891	-1.24861	0.705083	0.914656	-1.09331	0.324226	0.787528	-1.2698	0.0263924	1.85468	1.85468	0.416676	0.823042	-1.215	0.345873	0.796319	-1.25578	2.25258	1.96372	0.774902	1
cg22806444	C17orf28;C17orf28	0.13336	0.52729	0.781117	-1.28022	0.125137	1.89689	1.89689	0.209412	1.66571	1.66571	0.0320033	2.63535	2.63535	0.566581	0.799774	-1.25035	0.286904	1.53188	1.53188	0.821565	0.916564	-1.09103	0.362464	1.43477	1.43477	0.0203831	2.93918	2.93918	2.25256	5.30683	2.09414	1
cg24173596	GREB1	0.133362	0.223907	0.819	-1.221	0.622171	1.08071	1.08071	0.307203	0.847733	-1.17962	0.0223961	0.652097	-1.53351	0.945875	1.01067	1.01067	0.0339986	0.679267	-1.47217	0.29321	1.18578	1.18578	0.209463	0.813247	-1.22964	0.231662	0.821974	-1.21658	2.25255	0.871239	0.343804	1
cg06524757	DACH1;DACH1;DACH1	0.133366	0.565088	1.19806	1.19806	0.164607	1.58518	1.58518	0.0845434	1.80909	1.80909	0.0902164	1.78633	1.78633	0.710511	0.890613	-1.12282	0.0869217	1.79934	1.79934	0.0669444	0.528288	-1.89291	0.1828	1.55156	1.55156	0.402121	1.30531	1.30531	2.25252	3.44425	1.35917	1
cg05081546	ATN1;ATN1	0.133368	0.180924	0.706534	-1.41536	0.00604725	2.40335	2.40335	0.973859	0.992019	-1.00805	0.789013	1.06779	1.06779	0.816099	0.944622	-1.05862	0.495195	0.844196	-1.18456	0.265725	0.753053	-1.32793	0.671285	0.900872	-1.11004	0.714994	1.09383	1.09383	2.2525	2.13347	0.841916	1
cg20530048	NUPL2;NUPL2	0.133369	0.792044	0.896778	-1.1151	0.558055	0.783306	-1.27664	0.798191	0.899748	-1.11142	0.70882	0.856699	-1.16727	0.00956891	0.258526	-3.86808	0.681315	0.843453	-1.1856	0.308497	0.647536	-1.54432	0.0965998	2.12146	2.12146	0.218096	1.70601	1.70601	2.25249	6.06444	2.39318	1
cg03029975	MAPK7;MAPK7;MAPK7;MAPK7	0.13337	0.236613	0.405812	-2.46419	0.0273121	6.68107	6.68107	0.519689	0.622093	-1.60748	0.127288	3.31785	3.31785	0.500937	0.608462	-1.64349	0.284093	0.445162	-2.24638	0.233822	0.403422	-2.47879	0.211663	0.384065	-2.60373	0.297298	0.455735	-2.19426	2.25249	18.8698	7.44649	1
cg25711003	PHLDB2;PLCXD2	0.133376	0.0811251	0.322574	-3.10006	0.88327	1.08976	1.08976	0.524064	0.685395	-1.45901	0.247325	0.492767	-2.02936	0.0311209	0.227589	-4.39389	0.514297	0.67913	-1.47247	0.0113653	0.156597	-6.38582	0.191266	0.445056	-2.24691	0.229465	0.478162	-2.09134	2.25244	12.2121	4.81932	1
cg25764137	SIPA1L2	0.133377	0.142072	0.769693	-1.29922	0.46533	0.884064	-1.13114	0.0988204	0.74071	-1.35006	0.286421	1.20152	1.20152	0.381708	1.16043	1.16043	0.0599543	1.42186	1.42186	0.117999	1.32512	1.32512	0.729837	0.944128	-1.05918	0.218962	1.23913	1.23913	2.25243	0.981148	0.387196	1
cg04337534	GAL3ST3	0.13338	0.231349	0.681096	-1.46822	0.535553	1.21159	1.21159	0.366321	1.32833	1.32833	0.778587	0.917385	-1.09005	0.0569271	0.517326	-1.93302	0.720845	0.896046	-1.11601	0.016059	0.405995	-2.46309	0.117719	0.594684	-1.68157	0.189485	0.653654	-1.52986	2.2524	3.33836	1.31745	1
cg02776498	ARHGEF17	0.133382	0.692055	1.12907	1.12907	0.332903	1.35606	1.35606	0.145311	1.61103	1.61103	0.134445	1.63584	1.63584	0.29353	1.39412	1.39412	0.88255	1.04611	1.04611	0.0149547	2.49037	2.49037	0.552691	1.20101	1.20101	0.0149799	2.48955	2.48955	2.25239	3.31719	1.3091	1
cg01043997	TUBB	0.133382	0.0124471	1.33598	1.33598	0.454509	0.931504	-1.07353	0.328453	1.0985	1.0985	0.728027	0.968007	-1.03305	0.272735	0.899137	-1.11218	0.997703	0.999732	-1.00027	0.396134	1.0843	1.0843	0.055172	1.22443	1.22443	0.369418	1.08965	1.08965	2.25239	0.309447	0.122121	1
cg20811514	TBCC;TBCC	0.133383	0.351091	1.62107	1.62107	0.369566	1.59019	1.59019	0.399981	1.54295	1.54295	0.718438	1.19992	1.19992	0.167474	0.476805	-2.09729	0.0588405	0.341585	-2.92753	0.341297	0.610428	-1.63819	0.0356031	3.42559	3.42559	0.320812	1.67589	1.67589	2.25238	9.03878	3.5671	1
cg01748572	GUCY2E	0.133385	0.121794	0.662942	-1.50843	0.0258213	0.522753	-1.91295	0.0159681	0.485261	-2.06075	0.549908	1.15982	1.15982	0.313137	0.77438	-1.29136	0.182559	0.707025	-1.41438	0.243931	0.741717	-1.34822	0.422799	0.818187	-1.22221	0.953179	0.985712	-1.01449	2.25237	2.14273	0.845622	1
cg11723848	UNC5C	0.133387	0.460635	1.23178	1.23178	0.311404	1.33729	1.33729	0.00750363	2.59877	2.59877	0.164686	1.50891	1.50891	0.850404	0.948951	-1.0538	0.123273	1.58936	1.58936	0.23132	1.41685	1.41685	0.130764	1.57279	1.57279	0.519152	0.834131	-1.19885	2.25235	2.74741	1.08426	1
cg01425021	WHSC2	0.133391	0.0855864	0.119595	-8.36155	0.10961	0.142362	-7.02432	0.740382	0.689618	-1.45008	0.403786	0.384903	-2.59806	0.0407574	0.071383	-14.0089	0.182916	0.206092	-4.85221	0.0107196	0.0277668	-36.0143	0.996298	0.994828	-1.0052	0.500599	0.465776	-2.14696	2.25232	44.5529	17.583	1
cg10818160	DMRTB1	0.133391	0.206765	0.755325	-1.32393	0.0794826	0.663507	-1.50714	0.568606	1.12911	1.12911	0.106165	0.689453	-1.45042	0.0493106	0.623234	-1.60453	0.0389177	0.604222	-1.65502	0.273091	1.27172	1.27172	0.528386	0.874056	-1.14409	0.724679	0.928186	-1.07737	2.25232	1.58423	0.625222	1
cg13836518	CORO2A;CORO2A	0.133391	0.0563613	0.149073	-6.70811	0.640327	1.51366	1.51366	0.953462	1.05275	1.05275	0.163053	0.269404	-3.7119	0.248175	0.345271	-2.89627	0.350012	0.428528	-2.33357	0.0232607	0.091712	-10.9037	0.101489	0.206091	-4.85223	0.047054	0.135059	-7.40419	2.25232	27.6798	10.9239	1
cg02032642	FLRT2	0.133392	0.314622	0.682903	-1.46434	0.0111407	0.311289	-3.21245	0.062622	0.463717	-2.15649	0.786848	1.10452	1.10452	0.135751	0.554505	-1.80341	0.504012	0.779812	-1.28236	0.343834	1.42998	1.42998	0.247805	0.642003	-1.55763	0.930799	1.03237	1.03237	2.25232	4.79881	1.89387	1
cg25060890	RPS6KC1;RPS6KC1	0.133392	0.0789732	0.188237	-5.31244	0.294233	0.393983	-2.53818	0.201609	0.315201	-3.17258	0.300928	0.399438	-2.50352	0.0316229	0.115613	-8.64957	0.416683	0.491306	-2.03539	0.0145776	0.0760911	-13.1421	0.0737322	0.18145	-5.51116	0.183436	0.298672	-3.34816	2.25231	26.1491	10.3199	1
cg16444062	PRSS27;PRSS27	0.133393	0.0984137	0.286826	-3.48644	0.642614	1.3799	1.3799	0.109908	3.32259	3.32259	0.707094	1.29707	1.29707	0.100761	0.289781	-3.45089	0.154776	0.350162	-2.85582	0.208873	0.401394	-2.49132	0.718142	0.778985	-1.28372	0.0432052	0.201373	-4.96591	2.25231	16.9372	6.68437	1
cg07462512	RIMBP2	0.133393	0.608517	0.637635	-1.56829	0.136414	4.0458	4.0458	0.177928	3.47972	3.47972	0.707973	0.720532	-1.38786	0.0966684	0.204222	-4.89663	0.394133	0.467532	-2.13889	0.0291216	0.106482	-9.39129	0.135245	0.245981	-4.06536	0.519362	0.566118	-1.76642	2.2523	27.0651	10.6815	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08143197	SLC35A2;SLC35A2;SLC35A2	0.133396	0.289533	1.60673	1.60673	0.534168	0.762181	-1.31203	0.341265	0.65508	-1.52653	0.738053	0.865215	-1.15578	0.00890063	0.237944	-4.20267	0.183866	1.83699	1.83699	0.912737	0.953816	-1.04842	0.338725	1.53015	1.53015	0.370317	0.672449	-1.4871	2.25228	6.63692	2.61934	1
cg06422685	GPR123	0.133397	0.0470057	0.404836	-2.47014	0.6225	1.2182	1.2182	0.35507	0.684948	-1.45996	0.75472	0.882797	-1.13276	0.024316	0.343796	-2.9087	0.0625154	0.434388	-2.30209	0.579121	0.800227	-1.24965	0.68654	0.850977	-1.17512	0.041318	0.392141	-2.5501	2.25228	5.64367	2.22735	1
cg15197200	C2orf42	0.133398	0.643579	0.928451	-1.07706	0.0173679	1.58651	1.58651	0.482554	1.12043	1.12043	0.0130448	1.63346	1.63346	0.370059	1.15796	1.15796	0.480216	1.12113	1.12113	0.66546	0.933036	-1.07177	0.301005	1.18619	1.18619	0.840527	1.03262	1.03262	2.25227	0.905513	0.357373	1
cg26829758	FLJ22536	0.133399	0.952917	0.984016	-1.01624	0.0122891	0.427	-2.34192	0.0159873	0.447131	-2.23648	0.759551	0.919637	-1.08739	0.50043	1.2052	1.2052	0.825103	0.941389	-1.06226	0.874808	1.04397	1.04397	0.842442	0.947138	-1.05581	0.450945	0.810902	-1.23319	2.25226	2.65645	1.04841	1
cg01706943	PCOLCE	0.133407	0.114133	1.79654	1.79654	0.013864	2.81944	2.81944	0.145064	1.70483	1.70483	0.481596	0.783613	-1.27614	0.503379	1.26049	1.26049	0.619585	0.843159	-1.18602	0.146356	1.7015	1.7015	0.0897181	1.8921	1.8921	0.274791	1.47306	1.47306	2.2522	4.14505	1.63595	1
cg13829419	HIVEP2	0.13341	0.289249	1.38439	1.38439	0.0856172	1.7538	1.7538	0.0190012	2.31556	2.31556	0.0991516	1.70659	1.70659	0.535616	1.2038	1.2038	0.945731	0.980073	-1.02033	0.331545	0.743627	-1.34476	0.84467	0.943651	-1.05971	0.0709086	1.81598	1.81598	2.25217	3.11838	1.23077	1
cg07615875	CUX1;CUX1;CUX1	0.133415	0.594689	0.642255	-1.55701	0.0184601	10.5542	10.5542	0.0352709	7.55062	7.55062	0.98365	1.01704	1.01704	0.616391	0.659376	-1.51659	0.163136	0.293069	-3.41216	0.544218	0.602844	-1.6588	0.801016	1.23149	1.23149	0.847832	0.853515	-1.17163	2.25213	24.2486	9.57063	1
cg00773459	TTLL7;TTLL7	0.133416	0.328875	1.24058	1.24058	0.647299	1.10357	1.10357	0.78741	1.05953	1.05953	0.696962	0.919689	-1.08732	0.643364	0.905069	-1.10489	0.751839	1.07022	1.07022	0.00816332	0.48469	-2.06318	0.205873	1.33039	1.33039	0.169323	1.36783	1.36783	2.25213	1.63238	0.644282	1
cg09692492	ZDHHC8P	0.133417	0.0644065	8.0618	8.0618	0.347454	2.64266	2.64266	0.34616	2.64998	2.64998	0.144645	4.82533	4.82533	0.0868557	6.68293	6.68293	0.111255	5.71275	5.71275	0.253551	3.31282	3.31282	0.0163409	19.084	19.084	0.0413245	10.634	10.634	2.25212	35.9922	14.2058	1
cg09669354	LOC146336	0.13342	0.132266	3.32697	3.32697	0.254517	2.41189	2.41189	0.0510656	5.17702	5.17702	0.161442	3.02395	3.02395	0.280857	2.29204	2.29204	0.0556498	4.97648	4.97648	0.106419	3.68625	3.68625	0.0296646	6.64741	6.64741	0.0444784	5.51618	5.51618	2.2521	19.5312	7.70885	1
cg13604445	RGS3;RGS3;RGS3;RGS3	0.133422	0.437571	1.55258	1.55258	0.756903	1.18827	1.18827	0.154419	0.428765	-2.33228	0.49648	1.46752	1.46752	0.298089	1.82069	1.82069	0.730281	1.21198	1.21198	0.0134012	5.4812	5.4812	0.0408006	3.71287	3.71287	0.318418	1.77335	1.77335	2.25208	11.0079	4.34477	1
cg03647327	TRIM27	0.133424	0.224609	1.17165	1.17165	0.0337066	1.3607	1.3607	0.277917	1.15041	1.15041	0.356272	0.888844	-1.12506	0.293995	1.14474	1.14474	0.980789	0.997014	-1.00299	0.241793	0.858859	-1.16434	0.0902435	0.793063	-1.26093	0.23251	1.16822	1.16822	2.25206	0.550074	0.217114	1
cg10123662	ARHGEF10L	0.133429	0.741283	0.877495	-1.13961	0.115724	1.96289	1.96289	0.106362	2.00478	2.00478	0.023518	2.9068	2.9068	0.701202	0.858928	-1.16424	0.549011	1.27019	1.27019	0.686614	0.852159	-1.17349	0.0973034	0.487866	-2.04974	0.336619	1.47813	1.47813	2.25202	5.54915	2.19028	1
cg00113194	NOC2L	0.133431	0.547394	0.719294	-1.39025	0.274676	0.540613	-1.84975	0.203319	0.483516	-2.06818	0.0468575	0.291906	-3.42576	0.068179	0.331147	-3.0198	0.0997533	0.376745	-2.65432	0.0262419	0.240089	-4.16512	0.187775	0.469827	-2.12844	0.0383009	0.272775	-3.66602	2.25201	10.4449	4.1227	1
cg20019560	ZDHHC13;ZDHHC13	0.133431	0.0658178	0.563905	-1.77335	0.0850263	0.589491	-1.69638	0.171644	0.66774	-1.49759	0.32323	0.753399	-1.32732	0.00944891	0.401385	-2.49137	0.822292	0.939479	-1.06442	0.999207	0.999724	-1.00028	0.734708	0.909925	-1.09899	0.100542	0.606992	-1.64747	2.25201	2.74697	1.08426	1
cg14663510	HMX3	0.133431	0.887162	1.04066	1.04066	0.448908	1.24184	1.24184	0.38488	1.2841	1.2841	0.346216	0.761647	-1.31294	0.530412	1.19528	1.19528	0.129583	0.631512	-1.5835	0.0208827	2.18216	2.18216	0.201508	1.46022	1.46022	0.068707	1.7716	1.7716	2.25201	2.80989	1.10909	1
cg25153340	RTKN2	0.133433	0.0431547	0.445364	-2.24536	0.172027	1.65771	1.65771	0.0546426	0.468645	-2.13381	0.498771	0.787618	-1.26965	0.143311	0.578789	-1.72775	0.601219	0.832482	-1.20123	0.0611367	0.480155	-2.08266	0.166397	0.598677	-1.67035	0.951601	0.979118	-1.02133	2.25199	4.31132	1.70173	1
cg17260706	BCL9L	0.133434	0.0656573	0.253861	-3.93917	0.275019	2.12487	2.12487	0.351389	1.88987	1.88987	0.249176	0.449623	-2.22408	0.456359	0.60444	-1.65442	0.515636	0.645667	-1.54879	0.0222903	0.16239	-6.15802	0.772358	1.21229	1.21229	0.101891	0.304739	-3.2815	2.25199	15.7093	6.20066	1
cg25313090	NAT14	0.133434	0.0762668	0.413056	-2.42098	0.628667	0.803763	-1.24415	0.77986	0.881961	-1.13384	0.380154	0.667937	-1.49715	0.045765	0.358235	-2.79146	0.367837	0.660561	-1.51386	0.00726147	0.21173	-4.723	0.16281	0.512796	-1.95009	0.438831	0.701896	-1.42471	2.25198	7.16731	2.82904	1
cg00831672	ISPD;ISPD	0.133435	0.112086	1.48168	1.48168	0.261756	0.769746	-1.29913	0.759764	1.06997	1.06997	0.249194	1.30938	1.30938	?	?	?	0.58396	0.884943	-1.13002	0.13681	1.43728	1.43728	0.532516	0.869458	-1.15014	0.0335768	0.560082	-1.78545	2.56783	1.67012	0.487803	1
cg00387107	CUX1;CUX1;CUX1	0.133436	0.195633	0.702755	-1.42297	0.319887	1.30333	1.30333	0.742028	0.918386	-1.08887	0.346953	1.28353	1.28353	0.17876	0.691994	-1.4451	0.0630618	1.71413	1.71413	0.0258825	1.97736	1.97736	0.352623	1.27957	1.27957	0.986114	1.0045	1.0045	2.25197	2.36936	0.935225	1
cg16354207	UBE2F	0.133436	0.0790309	1.7306	1.7306	0.313384	0.745827	-1.34079	0.00802839	2.59934	2.59934	0.493168	1.2162	1.2162	0.998551	1.00051	1.00051	0.738941	1.09863	1.09863	0.789384	0.927469	-1.0782	0.336118	1.32173	1.32173	0.162214	1.5215	1.5215	2.25197	2.82121	1.11358	1
cg01648784	MYLPF	0.133444	0.103289	1.5095	1.5095	0.871323	0.963232	-1.03817	0.0079511	0.455494	-2.19542	0.813845	0.94695	-1.05602	0.600385	0.885018	-1.12992	0.471037	1.18464	1.18464	0.676832	1.10171	1.10171	0.210728	0.737307	-1.35629	0.88107	0.965995	-1.0352	2.25191	1.9046	0.751798	1
cg20133129	ARHGAP4;ARHGAP4	0.133444	0.0350569	0.301089	-3.32128	0.0463727	0.327795	-3.05068	0.0292916	0.285044	-3.50823	0.122201	0.440959	-2.26778	0.0506105	0.336611	-2.97079	0.296313	0.589006	-1.69778	0.555228	0.747009	-1.33867	0.182003	0.500358	-1.99857	0.314262	0.601279	-1.66312	2.25191	8.52147	3.36366	1
cg23461906	C12orf23	0.133447	0.430112	0.763065	-1.3105	0.496161	1.26113	1.26113	0.812248	0.923213	-1.08317	0.265948	0.677592	-1.47581	0.147354	1.68545	1.68545	0.817663	0.92539	-1.08063	0.0075104	0.314976	-3.17484	0.388155	0.743065	-1.34578	0.27497	0.682932	-1.46428	2.25188	4.02071	1.5871	1
cg21100532	STAT4	0.133452	0.816202	0.957802	-1.04406	0.23787	1.25728	1.25728	0.0705535	1.45388	1.45388	0.319691	0.826613	-1.20976	0.745363	0.941442	-1.0622	0.454427	1.15154	1.15154	0.0513947	0.663174	-1.5079	0.0474003	1.52199	1.52199	0.766158	1.05678	1.05678	2.25185	1.22294	0.482741	1
cg20973720	RASGRF1;RASGRF1;RASGRF1;RASGRF1	0.133452	?	?	?	0.0389104	0.0887877	-11.2628	0.565944	0.555594	-1.79988	0.941113	0.927904	-1.0777	?	?	?	0.17655	0.233372	-4.285	0.221476	3.67525	3.67525	0.0762883	7.37071	7.37071	0.925133	1.09988	1.09988	2.29663	29.0216	14.4418	1
cg00540593	CHRNA4	0.133452	0.520973	1.26362	1.26362	0.238173	0.641238	-1.55948	0.665152	0.855037	-1.16954	0.0923414	1.94693	1.94693	0.106677	0.530727	-1.88421	0.383996	1.37855	1.37855	0.674138	1.16427	1.16427	0.0189935	2.77708	2.77708	0.994817	1.00234	1.00234	2.25184	4.61296	1.82091	1
cg05568762	LCORL;LCORL	0.133459	0.900328	0.965704	-1.03551	0.612243	0.867307	-1.15299	0.0121739	2.38736	2.38736	0.872682	1.04568	1.04568	0.778511	1.0817	1.0817	0.69537	1.11584	1.11584	0.0146359	2.30988	2.30988	0.877011	0.957784	-1.04408	0.824595	1.06378	1.06378	2.25179	2.76639	1.09203	1
cg17819702	SESTD1	0.13346	0.704407	1.07125	1.07125	0.0170081	0.591288	-1.69122	0.807628	1.04503	1.04503	0.228316	1.25647	1.25647	0.188118	1.28637	1.28637	0.493795	0.882079	-1.13369	0.128802	0.7435	-1.34499	0.218722	1.26311	1.26311	0.784514	1.05074	1.05074	2.25178	1.16272	0.458982	1
cg13474734	C15orf52	0.133461	0.639083	0.929384	-1.07598	0.256734	0.832332	-1.20144	0.523534	1.10543	1.10543	0.165484	1.25776	1.25776	0.104376	1.31684	1.31684	0.120451	1.2984	1.2984	0.0663702	1.37606	1.37606	0.0462199	1.42488	1.42488	0.110268	1.30976	1.30976	2.25177	0.857217	0.338387	1
cg10624054	KRT8	0.133462	0.0544215	31.6947	31.6947	0.302225	5.43313	5.43313	0.292343	5.64112	5.64112	0.122442	14.1645	14.1645	0.652977	0.488338	-2.04776	0.153844	11.2219	11.2219	0.870824	0.772812	-1.29398	0.0469066	36.6815	36.6815	0.0229978	74.1682	74.1682	2.25177	89.4367	35.3053	1
cg14916382	PARP8	0.133465	0.26353	0.841511	-1.18834	0.0282553	1.46737	1.46737	0.0164268	1.54358	1.54358	0.429237	0.887393	-1.1269	0.665035	1.06662	1.06662	0.935886	0.98816	-1.01198	0.686577	0.941714	-1.06189	0.988127	0.997799	-1.00221	0.53395	1.09775	1.09775	2.25175	0.781637	0.308555	1
cg23271057	BRD2;BRD2	0.133467	0.65056	1.16331	1.16331	0.0165912	2.63938	2.63938	0.0132616	2.76792	2.76792	0.432489	1.30437	1.30437	0.606236	1.18824	1.18824	0.0782124	1.91369	1.91369	0.549909	1.22222	1.22222	0.23311	1.51395	1.51395	0.796656	1.08943	1.08943	2.25173	3.92401	1.54903	1
cg07075085	ADAMTS9	0.133469	0.117252	0.431192	-2.31915	0.0199668	0.249457	-4.00871	0.269998	0.566731	-1.76451	0.554619	0.744174	-1.34377	0.0911794	0.398589	-2.50885	0.547167	1.35147	1.35147	0.0628427	0.355303	-2.8145	0.366944	1.58127	1.58127	0.737157	0.846594	-1.1812	2.25172	8.71686	3.44107	1
cg13343687	UBA7	0.133469	0.0644811	0.189611	-5.27396	0.0492352	0.165799	-6.03138	0.0691265	0.196302	-5.0942	0.234235	0.368515	-2.71359	0.248922	0.38106	-2.62426	0.145607	0.286252	-3.49342	0.0243027	0.116575	-8.57819	0.0997507	0.235946	-4.23826	0.108869	0.24663	-4.05466	2.25171	22.856	9.02266	1
cg17689707	SGK1;SGK1	0.133471	0.239396	0.791379	-1.26362	0.151916	1.33846	1.33846	0.468197	1.15047	1.15047	0.138873	0.738933	-1.3533	0.284701	0.809736	-1.23497	0.314618	0.820791	-1.21834	0.0172442	0.576373	-1.73499	0.396889	1.1791	1.1791	0.862488	0.967612	-1.03347	2.2517	1.28623	0.507755	1
cg04338788	SEMA3G	0.133471	0.29251	1.61883	1.61883	0.0276696	3.15282	3.15282	0.073036	2.4155	2.4155	0.0660263	2.48344	2.48344	0.711101	1.17833	1.17833	0.778254	1.13261	1.13261	0.0168294	3.62034	3.62034	0.720483	1.17173	1.17173	0.710612	1.17867	1.17867	2.2517	6.93833	2.739	1
cg04746240	SLC6A11	0.133472	0.588863	0.932537	-1.07234	0.788291	0.966136	-1.03505	0.204339	1.18703	1.18703	0.362784	0.887164	-1.12719	0.134853	0.81356	-1.22916	0.069107	1.29737	1.29737	0.0262008	1.40158	1.40158	0.743273	1.04297	1.04297	0.458583	0.907915	-1.10142	2.25169	0.584285	0.230655	1
cg00391352	SLC29A4;SLC29A4	0.133474	0.653757	1.19315	1.19315	0.341005	0.681276	-1.46783	0.316192	0.66676	-1.49979	0.720304	0.868811	-1.151	0.157036	0.553241	-1.80753	0.206779	0.594048	-1.68337	0.103727	2.00556	2.00556	0.475967	1.32778	1.32778	0.016858	0.319676	-3.12817	2.25167	5.45579	2.15377	1
cg18361420	SF4	0.133476	0.946576	1.02708	1.02708	0.87247	1.06615	1.06615	0.0144967	0.300892	-3.32346	0.586803	1.24459	1.24459	0.499043	0.760619	-1.31472	0.137435	0.528409	-1.89247	0.0270743	0.352236	-2.83901	0.732833	0.872298	-1.1464	0.164703	0.553749	-1.80587	2.25166	5.66967	2.23822	1
cg26538942	NARFL	0.133477	0.484284	0.679815	-1.47099	0.0890984	0.36129	-2.76786	0.518194	1.42715	1.42715	0.99505	1.00337	1.00337	0.0398936	0.275346	-3.63179	0.0600589	0.316081	-3.16374	0.0320796	0.255791	-3.90944	0.12614	0.407167	-2.456	0.363419	0.6022	-1.66058	2.25165	10.5136	4.15049	1
cg00043524	WDR27	0.133478	0.4566	0.83567	-1.19664	0.049316	0.587874	-1.70105	0.120387	0.671063	-1.49017	0.193001	1.38569	1.38569	0.240808	1.33745	1.33745	0.54385	0.864612	-1.15659	0.157569	1.43022	1.43022	0.33273	0.789311	-1.26693	0.149043	0.693232	-1.44252	2.25165	1.99933	0.78928	1
cg05679440	SOLH	0.13348	0.923934	0.941207	-1.06247	0.0124108	7.20242	7.20242	0.231352	2.21781	2.21781	0.493138	1.55517	1.55517	0.205734	0.428725	-2.3325	0.171972	0.397527	-2.51555	0.849919	1.12771	1.12771	0.153271	2.63857	2.63857	0.86016	1.11838	1.11838	2.25163	14.355	5.667	1
cg02069721	CRISPLD2	0.13348	0.227505	0.341027	-2.93232	0.0479213	6.82342	6.82342	0.100567	4.60657	4.60657	0.975867	0.97464	-1.02602	0.217094	0.331941	-3.01258	0.310289	0.41003	-2.43884	0.0644974	0.171423	-5.83353	0.651585	0.679761	-1.47111	0.620349	0.654403	-1.52811	2.25162	25.7152	10.1518	1
cg13632729	B3GNTL1	0.133481	0.10195	0.464127	-2.15458	0.118635	2.06756	2.06756	0.0216848	0.306702	-3.2605	0.261266	1.65262	1.65262	0.189714	0.551223	-1.81415	0.835881	0.914892	-1.09302	0.711647	1.17258	1.17258	0.882959	1.0652	1.0652	0.4238	0.704489	-1.41947	2.25162	6.55658	2.58839	1
cg16117774	NAA15	0.133486	0.374969	1.20096	1.20096	0.0739927	1.4925	1.4925	0.416784	0.846292	-1.18163	0.326216	0.815589	-1.22611	0.0356814	1.63499	1.63499	0.17136	1.34027	1.34027	0.0758405	1.48788	1.48788	0.561855	0.888739	-1.12519	0.651393	0.912588	-1.09578	2.25158	1.44217	0.569347	1
cg21146912	TLK1;TLK1	0.133487	0.0448592	1.68823	1.68823	0.928135	1.02073	1.02073	0.342019	0.800374	-1.24942	0.454342	0.840849	-1.18927	0.320974	0.791975	-1.26267	0.0268293	0.550732	-1.81577	0.677625	0.909297	-1.09975	0.503094	1.16715	1.16715	0.200926	1.35965	1.35965	2.25157	1.84476	0.728285	1
cg06128598	PYY2	0.13349	0.945107	1.03978	1.03978	0.0427795	0.266849	-3.74744	0.0254444	0.22211	-4.50227	0.650462	1.29489	1.29489	0.0556414	0.292702	-3.41644	0.542522	1.41799	1.41799	0.972265	0.980497	-1.01989	0.542967	0.705504	-1.41743	0.120339	0.384991	-2.59747	2.25155	11.4447	4.51827	1
cg00164837	C21orf70	0.133492	0.920861	0.977142	-1.02339	0.702481	1.09341	1.09341	0.0873547	0.644563	-1.55144	0.330128	0.791486	-1.26345	0.497119	1.174	1.174	0.187075	1.38457	1.38457	0.0113117	2.09193	2.09193	0.56227	1.14606	1.14606	0.801754	0.94314	-1.06029	2.25153	1.93077	0.762257	1
cg05337779	THSD4	0.133495	0.127786	0.575414	-1.73788	0.280636	1.45705	1.45705	0.749947	0.898233	-1.1133	0.230995	0.655903	-1.52462	0.967891	0.98658	-1.0136	0.852064	1.06467	1.06467	0.968337	0.986765	-1.01341	0.00586731	0.298084	-3.35476	0.390396	0.744228	-1.34367	2.25151	4.01747	1.58608	1
cg01402099	LRRC43	0.133495	0.0403398	0.469918	-2.12803	0.336428	0.729033	-1.37168	0.477872	0.794461	-1.25872	0.628093	1.16842	1.16842	0.0424636	0.474718	-2.10651	0.0579579	0.50488	-1.98067	0.0279664	0.43693	-2.2887	0.556112	0.827094	-1.20905	0.340793	0.731235	-1.36755	2.25151	3.62563	1.43139	1
cg26574947	MYO5A;MYO5A	0.133496	0.227841	0.728808	-1.3721	0.154854	0.683524	-1.46301	0.239477	0.735039	-1.36047	0.0211082	1.99984	1.99984	0.398248	0.805619	-1.24128	0.496359	1.18839	1.18839	0.249238	1.35115	1.35115	0.3171	1.29493	1.29493	0.546983	1.16453	1.16453	2.2515	2.227	0.879216	1
cg08548882	PLEKHG1	0.133496	0.822937	0.903212	-1.10716	0.182208	1.90235	1.90235	0.0158895	0.261459	-3.82469	0.628501	0.801355	-1.24789	0.450039	1.4185	1.4185	0.267892	1.68911	1.68911	0.0784505	2.42993	2.42993	0.454353	1.41363	1.41363	0.614422	1.25951	1.25951	2.2515	7.3567	2.90441	1
cg26110130	HIVEP3;HIVEP3	0.133496	0.66879	0.907389	-1.10206	0.403895	1.21273	1.21273	0.0188829	1.90059	1.90059	0.19858	0.735798	-1.35907	0.690118	0.913476	-1.09472	0.958849	0.988416	-1.01172	0.130779	0.691795	-1.44552	0.0984484	0.664161	-1.50566	0.447669	0.839662	-1.19095	2.2515	1.81838	0.717894	1
cg13640145	LOC100192379;TMEM155	0.133498	0.164635	2.40569	2.40569	0.726298	0.812134	-1.23132	0.237606	2.08034	2.08034	0.990585	0.993038	-1.00701	0.0530882	3.67426	3.67426	0.449233	1.57866	1.57866	0.06505	3.4095	3.4095	0.0188011	5.39461	5.39461	0.0832363	3.11261	3.11261	2.25149	12.5014	4.93554	1
cg19501423	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	0.133498	0.236202	1.44618	1.44618	0.0736259	1.80899	1.80899	0.0240682	2.22497	2.22497	0.172703	1.53929	1.53929	0.995645	1.00162	1.00162	0.356293	0.75427	-1.32578	0.127367	0.61262	-1.63233	0.56539	1.18853	1.18853	0.815772	1.07183	1.07183	2.25149	3.15011	1.24367	1
cg16788391	TGIF2	0.133498	0.374587	0.8088	-1.2364	0.0325835	0.558559	-1.79032	0.0203058	0.521297	-1.91829	0.876827	1.03677	1.03677	0.072906	0.627634	-1.59329	0.951814	1.01417	1.01417	0.127959	0.681691	-1.46694	0.5803	0.878056	-1.13888	0.105666	0.662623	-1.50915	2.25148	1.93322	0.76324	1
cg17462107	MAST4;MAST4;MAST4	0.1335	0.059108	0.369237	-2.70829	0.760944	1.15334	1.15334	0.627582	0.795684	-1.25678	0.992742	1.00426	1.00426	0.00447769	0.169998	-5.88241	0.426617	0.684205	-1.46155	0.463578	0.705544	-1.41735	0.313026	0.613937	-1.62883	0.755596	0.864179	-1.15717	2.25147	7.79364	3.07695	1
cg08989277	E2F4	0.133501	0.863427	0.969426	-1.03154	0.0352225	1.55638	1.55638	0.520653	0.889204	-1.1246	0.837755	1.03767	1.03767	0.12485	0.741085	-1.34937	0.168011	0.767215	-1.30342	0.75274	1.05865	1.05865	0.0488112	1.5005	1.5005	0.383341	1.17495	1.17495	2.25146	1.15986	0.457919	1
cg01029450	ARFGAP3;ARFGAP3	0.133505	0.264732	3.11472	3.11472	0.35466	2.53631	2.53631	0.384025	2.39272	2.39272	0.0705699	7.20792	7.20792	0.476422	0.492774	-2.02933	0.0192804	15.9047	15.9047	0.472421	2.04288	2.04288	0.0226235	14.4111	14.4111	0.377285	2.42421	2.42421	2.25143	34.0654	13.4494	1
cg26229752	EBF3	0.133509	0.416761	0.607977	-1.6448	0.0128479	0.15684	-6.37593	0.0435811	0.248754	-4.02003	0.764918	1.19699	1.19699	0.757215	1.20434	1.20434	0.429689	0.616709	-1.62151	0.110276	0.352195	-2.83934	0.113752	0.356381	-2.80599	0.914644	1.0664	1.0664	2.2514	12.8193	5.06126	1
cg25753990	SLMO1;SLMO1	0.13351	0.820863	0.901693	-1.10902	0.138489	0.483028	-2.07027	0.394785	1.48835	1.48835	0.0597355	0.379326	-2.63626	0.0105518	0.230417	-4.33997	0.567649	0.768304	-1.30157	0.108028	0.449299	-2.22569	0.480202	0.720766	-1.38741	0.376007	0.660654	-1.51365	2.25139	7.42298	2.93072	1
cg09994117	JPH1	0.133512	0.574586	0.710007	-1.40844	0.291894	1.93555	1.93555	0.544501	1.44831	1.44831	0.177066	0.420456	-2.37837	0.997648	0.998221	-1.00178	0.0897382	0.323176	-3.09429	0.0147095	0.163118	-6.13054	0.37288	0.575549	-1.73747	0.0979637	0.334127	-2.99287	2.25138	13.0029	5.13382	1
cg09419900	PSTK	0.133516	0.60474	0.82121	-1.21772	0.523673	0.783645	-1.27609	0.529533	0.78641	-1.2716	0.0423227	2.41623	2.41623	0.346411	0.693653	-1.44164	0.812523	0.914269	-1.09377	0.0543366	0.438816	-2.27886	0.0389033	0.405775	-2.46442	0.582024	1.23333	1.23333	2.25134	5.07428	2.00346	1
cg05603292	HLA-F;HLA-F;HLA-F	0.133518	0.331066	0.891657	-1.12151	0.687554	0.954823	-1.04731	0.779945	1.03254	1.03254	0.124436	0.826781	-1.20951	0.0558911	1.28102	1.28102	0.536792	1.07414	1.07414	0.54557	0.932445	-1.07245	0.0388131	1.31463	1.31463	0.136535	1.20131	1.20131	2.25133	0.466192	0.184066	1
cg00503338	INTS1	0.13352	0.976759	1.00447	1.00447	0.305105	1.17664	1.17664	0.0186229	0.646024	-1.54793	0.332962	1.16529	1.16529	0.550446	0.91162	-1.09695	0.0429189	1.42885	1.42885	0.510531	1.10764	1.10764	0.799434	0.961753	-1.03977	0.452692	0.889427	-1.12432	2.25132	0.836527	0.330286	1
cg15466862	SOX1	0.133522	0.862771	0.898808	-1.11259	0.400152	1.70081	1.70081	0.330939	1.85636	1.85636	0.0299355	4.831	4.831	0.0209604	5.54527	5.54527	0.126282	0.360581	-2.7733	0.880294	1.09739	1.09739	0.513091	1.50536	1.50536	0.958201	0.968196	-1.03285	2.2513	13.5591	5.35358	1
cg25092838	OTX2OS1	0.133523	0.428493	0.522862	-1.91255	0.0987713	0.234076	-4.27211	0.0650024	0.189727	-5.27074	0.334909	0.450342	-2.22054	0.0342683	0.137886	-7.25237	0.0609105	0.183669	-5.44456	0.884812	0.890218	-1.12332	0.972152	1.0284	1.0284	0.0286634	0.126097	-7.93039	2.25129	22.9455	9.05969	1
cg20491406	NAV1	0.133524	0.840973	1.13882	1.13882	0.00591163	10.2786	10.2786	0.0929496	3.30702	3.30702	0.531453	1.50707	1.50707	0.361113	0.544727	-1.83578	0.346424	1.87273	1.87273	0.343073	1.88143	1.88143	0.280947	2.06503	2.06503	0.853399	0.887193	-1.12715	2.25128	14.9289	5.89446	1
cg04597433	DRD5	0.133525	0.136688	4.41757	4.41757	0.313568	2.62681	2.62681	0.590383	0.604402	-1.65453	0.51683	1.83859	1.83859	0.166564	0.254956	-3.92225	0.159281	0.248142	-4.02994	0.704351	0.702408	-1.42367	0.0346012	9.80556	9.80556	0.123371	4.69498	4.69498	2.25128	30.6122	12.0868	1
cg27185684	PRDM11	0.133525	0.635267	0.914542	-1.09344	0.748532	0.94164	-1.06198	0.0491821	0.657196	-1.52162	0.00830055	0.532126	-1.87925	0.447098	0.865135	-1.15589	0.99473	0.998766	-1.00124	0.690229	1.07777	1.07777	0.26419	1.24307	1.24307	0.975727	1.0057	1.0057	2.25128	1.24624	0.492061	1
cg16669395	GRIN2A;GRIN2A;GRIN2A	0.133525	0.435218	0.683465	-1.46313	0.0820766	0.398148	-2.51163	0.48036	0.709679	-1.40909	0.577734	1.30845	1.30845	0.280546	0.584964	-1.70951	0.248334	0.561641	-1.7805	0.00502277	0.169608	-5.89593	0.311575	0.606254	-1.64947	0.908316	0.946416	-1.05662	2.25127	8.14808	3.21717	1
cg09867598	PRDM6	0.133526	0.537307	0.659173	-1.51705	0.574903	1.45948	1.45948	0.482739	1.60958	1.60958	0.506918	0.638108	-1.56713	0.606792	0.707249	-1.41393	0.336522	0.516255	-1.93703	0.117448	0.321574	-3.10971	0.00867563	9.31879	9.31879	0.713301	1.27919	1.27919	2.25127	15.8726	6.26711	1
cg03609062	GGN	0.133529	0.624024	1.08458	1.08458	0.150089	0.776024	-1.28862	0.167253	0.785083	-1.27375	0.843326	1.03306	1.03306	0.0356473	1.49464	1.49464	0.410104	1.14849	1.14849	0.039	1.48097	1.48097	0.716125	0.941744	-1.06186	0.471212	1.12801	1.12801	2.25124	0.963088	0.380269	1
cg20235117	ATP2B2;ATP2B2	0.133531	0.100078	0.313297	-3.19185	0.88967	1.09352	1.09352	0.664776	1.32422	1.32422	0.556757	0.681925	-1.46644	0.0812018	0.287887	-3.47358	0.209793	0.426832	-2.34284	0.0121323	0.133467	-7.49249	0.0682962	0.268532	-3.72395	0.395405	0.570852	-1.75177	2.25123	14.7926	5.84078	1
cg23827531	FAM107A;FAM107A;FAM107A;FAM107A	0.133531	0.942706	1.01773	1.01773	0.0131665	0.471709	-2.11995	0.0328538	0.543261	-1.84074	0.741024	1.08445	1.08445	0.866042	1.04213	1.04213	0.574981	1.14854	1.14854	0.539108	0.858988	-1.16416	0.14726	0.683752	-1.46252	0.618299	1.13065	1.13065	2.25123	2.1305	0.84122	1
cg13916287	ZNF142	0.133538	0.905807	1.03022	1.03022	0.0271221	0.517925	-1.93078	0.357399	1.26878	1.26878	0.787345	1.07037	1.07037	0.443962	0.821768	-1.21689	0.0105933	0.445516	-2.24459	0.614456	0.880074	-1.13627	0.932175	1.02164	1.02164	0.67748	0.900147	-1.11093	2.25117	2.25546	0.890582	1
cg02445395	PTPRN2;PTPRN2;PTPRN2	0.13354	0.985837	1.00448	1.00448	0.148118	0.676537	-1.47812	0.156687	0.682793	-1.46457	0.930368	1.02226	1.02226	0.0416522	0.553479	-1.80675	0.100709	0.635817	-1.57278	0.116758	1.53609	1.53609	0.291077	0.758851	-1.31778	0.0917779	0.626517	-1.59613	2.25116	2.26191	0.893134	1
cg01875775	HSCB;CHEK2;CHEK2;CHEK2	0.133541	0.684287	1.06791	1.06791	0.616514	1.08453	1.08453	0.981903	1.00365	1.00365	0.109322	1.32393	1.32393	0.0722356	1.38049	1.38049	0.708111	1.06231	1.06231	0.0192942	0.634552	-1.57592	0.460313	1.12841	1.12841	0.183408	1.25464	1.25464	2.25115	0.920902	0.363626	1
cg21967789	ARHGEF10	0.133542	0.04946	4.40118	4.40118	0.418543	1.72703	1.72703	0.569734	1.46192	1.46192	0.110466	3.15739	3.15739	0.182263	2.54916	2.54916	0.113927	3.11678	3.11678	0.0235728	5.973	5.973	0.0509669	4.3473	4.3473	0.0679747	3.86216	3.86216	2.25114	15.5784	6.15131	1
cg10434947	C21orf57;C21orf57	0.133542	0.84475	0.947389	-1.05553	0.676172	1.12277	1.12277	0.0959944	0.604137	-1.65525	0.305122	1.3401	1.3401	0.0358891	1.95997	1.95997	0.492332	0.825114	-1.21195	0.0366453	0.512039	-1.95298	0.718141	1.10508	1.10508	0.854338	0.950601	-1.05197	2.25114	2.7094	1.06983	1
cg07399928	MUC4;MUC4;MUC4	0.133543	0.181093	1.71556	1.71556	0.313869	1.48577	1.48577	0.124387	1.8822	1.8822	0.0610922	2.23063	2.23063	0.744671	0.883186	-1.13226	0.503085	1.29476	1.29476	0.00760092	3.6872	3.6872	0.313586	1.48614	1.48614	0.179466	1.71945	1.71945	2.25114	5.15163	2.03418	1
cg24331824	NRXN2;NRXN2	0.133543	0.0591245	1.69155	1.69155	0.104281	1.54969	1.54969	0.179415	1.42158	1.42158	0.127448	0.665929	-1.50166	0.303322	1.30082	1.30082	0.220218	0.727634	-1.37432	0.309669	1.29606	1.29606	0.111828	1.53286	1.53286	0.934426	1.02051	1.02051	2.25114	2.16938	0.856605	1
cg04098023	MAP2K6	0.133545	0.585812	0.938781	-1.06521	0.687359	1.04754	1.04754	0.393966	1.10544	1.10544	0.0399751	1.31333	1.31333	0.659584	1.05221	1.05221	0.0562489	1.28173	1.28173	0.108092	1.22296	1.22296	0.0713778	0.793585	-1.2601	0.829535	1.02506	1.02506	2.25112	0.469952	0.185567	1
cg23583920	CD300LG;CD300LG;CD300LG;CD300LG	0.133548	0.2322	0.389177	-2.56952	0.235627	0.392127	-2.5502	0.13092	0.292734	-3.41607	0.579606	0.656085	-1.52419	0.837405	1.16739	1.16739	0.386704	1.95099	1.95099	0.0226732	7.80648	7.80648	0.229366	2.5858	2.5858	0.271671	2.36763	2.36763	2.2511	20.2266	7.98688	1
cg06620528	NCLN	0.133553	0.0296176	0.206828	-4.83493	0.849791	1.12375	1.12375	0.765901	1.20171	1.20171	0.575532	1.41641	1.41641	0.746094	0.818788	-1.22132	0.245396	2.1121	2.1121	0.798594	0.854405	-1.1704	0.0187328	0.17324	-5.77234	0.205465	0.439548	-2.27506	2.25106	13.5011	5.33124	1
cg25276849	TFRC;TFRC;TFRC;TFRC	0.133553	0.985895	0.997493	-1.00251	0.313168	1.15968	1.15968	0.0338481	1.42167	1.42167	0.118485	0.786094	-1.27211	0.67399	1.06193	1.06193	0.992536	1.00133	1.00133	0.416149	1.12526	1.12526	0.295898	1.1664	1.1664	0.0213817	1.48095	1.48095	2.25106	0.718978	0.283907	1
cg03665078	TNFAIP8	0.133554	0.314537	0.794118	-1.25926	0.825213	0.952159	-1.05025	0.344364	0.805832	-1.24095	0.0381203	0.586998	-1.70358	0.98391	0.99554	-1.00448	0.154303	1.40211	1.40211	0.0354044	1.72103	1.72103	0.915974	1.02367	1.02367	0.314686	0.794178	-1.25916	2.25105	1.75141	0.691594	1
cg04903962	RARG;RARG	0.133554	0.354601	1.13332	1.13332	0.663939	1.05913	1.05913	0.816054	0.969842	-1.0311	0.940878	1.0098	1.0098	0.345321	0.880092	-1.13624	0.178869	0.82889	-1.20643	0.00492443	0.61292	-1.63154	0.677805	1.05644	1.05644	0.544704	0.922596	-1.0839	2.25105	0.615695	0.243124	1
cg18433293	LOC729082	0.133555	0.608757	1.18366	1.18366	0.898809	1.04243	1.04243	0.0452271	2.11769	2.11769	0.180116	1.59188	1.59188	0.800296	1.08631	1.08631	0.701825	1.13387	1.13387	0.0184598	2.54329	2.54329	0.563535	1.21012	1.21012	0.0202004	2.49637	2.49637	2.25104	3.80296	1.50171	1
cg06045319	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.133558	0.1167	0.409894	-2.43965	0.0609642	3.01934	3.01934	0.2568	0.538324	-1.85762	0.59621	0.755932	-1.32287	0.109423	0.401214	-2.49244	0.733144	1.1961	1.1961	0.0324217	0.269714	-3.70763	0.3745	0.620668	-1.61117	0.613923	0.766307	-1.30496	2.25102	9.76074	3.85435	1
cg20114271	KCNE3	0.133559	0.41646	1.2063	1.2063	0.163183	1.39952	1.39952	0.778726	0.938365	-1.06568	0.0190963	1.89765	1.89765	0.750436	0.93047	-1.07473	0.095351	1.51258	1.51258	0.0207614	1.87513	1.87513	0.503279	1.1658	1.1658	0.840859	1.04645	1.04645	2.25101	1.81831	0.718022	1
cg01288210	FAM193B;FAM193B	0.133559	0.803619	0.887276	-1.12705	0.0909904	0.409136	-2.44418	0.0836125	0.398848	-2.50722	0.4121	0.668607	-1.49565	0.179117	0.504057	-1.9839	0.0582098	0.35788	-2.79423	0.0116585	0.2202	-4.54133	0.807902	1.12404	1.12404	0.2877	0.588677	-1.69873	2.25101	8.21481	3.2439	1
cg01310768	LYSMD3	0.13356	0.387695	1.35037	1.35037	0.037499	2.26804	2.26804	0.114264	1.79109	1.79109	0.314152	1.42356	1.42356	0.487884	0.787338	-1.2701	0.669415	1.15686	1.15686	0.058117	0.483559	-2.068	0.124721	1.75749	1.75749	0.979398	0.991278	-1.0088	2.251	4.10347	1.6204	1
cg20289299	SNHG5;SNORD50B;SNORD50A	0.133561	0.440076	0.806829	-1.23942	0.0932212	1.6543	1.6543	0.116981	1.59078	1.59078	0.49388	1.20852	1.20852	0.460845	0.81492	-1.22711	0.10253	1.62746	1.62746	0.781622	0.927046	-1.0787	0.0577991	1.79453	1.79453	0.138494	0.647423	-1.54459	2.251	2.64927	1.04616	1
cg24152297	PAQR6;PAQR6	0.133562	0.515262	1.09569	1.09569	0.405682	1.12506	1.12506	0.678063	0.94382	-1.05952	0.227801	1.19166	1.19166	0.25896	1.17719	1.17719	0.523689	1.09364	1.09364	0.00347661	1.73209	1.73209	0.279237	1.16861	1.16861	0.237462	1.18699	1.18699	2.25099	0.683959	0.270088	1
cg23213442	NFXL1	0.133564	0.0966827	1.5184	1.5184	0.0368181	0.573825	-1.74269	0.0523409	0.603275	-1.65762	0.482806	1.17746	1.17746	0.368687	0.809404	-1.23548	0.367388	0.808914	-1.23623	0.490857	0.851914	-1.17383	0.131823	0.688987	-1.45141	0.63668	0.896757	-1.11513	2.25097	1.86997	0.738434	1
cg18706881	ETHE1	0.133566	0.0383164	0.838337	-1.19284	0.644666	1.0347	1.0347	0.834011	0.984703	-1.01554	0.138351	0.8894	-1.12435	0.0162741	0.805862	-1.24091	0.175373	0.899547	-1.11167	0.0833598	0.868657	-1.1512	0.534914	0.954885	-1.04725	0.205364	0.906511	-1.10313	2.25096	0.19239	0.0759734	1
cg21661138	SEPW1;SEPW1	0.133567	?	?	?	0.101491	1.88771	1.88771	?	?	?	?	?	?	0.768206	1.10671	1.10671	?	?	?	0.0943471	1.92068	1.92068	?	?	?	0.177386	0.605102	-1.65261	2.69811	2.12463	1.18118	1
cg00893343	UFSP2;UFSP2	0.133567	0.57515	0.932465	-1.07243	0.913643	1.01348	1.01348	0.0201834	1.41331	1.41331	0.672716	0.948888	-1.05386	0.0421429	0.748944	-1.33521	0.524084	1.08298	1.08298	0.944607	1.00862	1.00862	0.119293	0.811608	-1.23212	0.662306	0.947183	-1.05576	2.25095	0.543556	0.214648	1
cg07958192	TIGD2;TIGD2	0.133569	0.224443	0.576559	-1.73443	0.0916685	0.44869	-2.22871	0.232029	0.582222	-1.71756	0.890413	0.942244	-1.0613	0.0194666	0.295568	-3.38332	0.388104	1.46481	1.46481	0.21255	0.567457	-1.76225	0.247519	0.593479	-1.68498	0.0390857	0.356821	-2.80253	2.25094	6.6389	2.62169	1
cg12835684	MFSD5;MFSD5	0.13357	0.340265	0.882902	-1.13263	0.632795	1.0629	1.0629	0.051787	1.32375	1.32375	0.589402	0.933283	-1.07149	0.182821	1.19618	1.19618	0.720587	0.955508	-1.04656	0.501877	1.09021	1.09021	0.0475807	1.3326	1.3326	0.0323201	1.37383	1.37383	2.25092	0.572462	0.226065	1
cg03965414	C1orf106;C1orf106	0.133571	0.0446794	1.28914	1.28914	0.863268	0.981186	-1.01917	0.0971319	0.818226	-1.22216	0.265579	1.13636	1.13636	0.596368	1.06067	1.06067	0.610349	0.944946	-1.05826	0.0231783	1.34863	1.34863	0.998803	1.00017	1.00017	0.455137	1.08744	1.08744	2.25091	0.432826	0.170924	1
cg13940715	SLC6A9;SLC6A9;SLC6A9	0.133572	0.433842	1.16211	1.16211	0.0238086	1.66107	1.66107	0.106918	0.718131	-1.3925	0.272853	1.23948	1.23948	0.72448	1.06884	1.06884	0.166134	1.32021	1.32021	0.34475	0.832707	-1.2009	0.387149	1.18147	1.18147	0.252766	0.79874	-1.25197	2.25091	1.26161	0.498213	1
cg00287122	RAB19	0.133576	0.0147902	6.69457	6.69457	0.500274	0.648082	-1.54301	0.310131	0.513876	-1.94599	0.290209	0.498644	-2.00544	0.0848121	0.298728	-3.34753	0.278444	0.489476	-2.043	0.573907	0.697554	-1.43358	0.645052	1.34184	1.34184	0.617415	1.3761	1.3761	2.25088	14.3261	5.65749	1
cg26273310	SIM2;SIM2	0.133576	0.406066	0.501922	-1.99234	0.746098	0.768382	-1.30144	0.509866	0.581499	-1.71969	0.999781	1.00022	1.00022	0.733047	0.75757	-1.32001	0.0151946	0.0890761	-11.2264	0.232291	0.362092	-2.76173	0.821142	0.832241	-1.20158	0.00974947	0.0705929	-14.1657	2.25088	23.4448	9.25852	1
cg07381668	SDCCAG8;CEP170;CEP170;CEP170	0.133577	0.947328	1.01051	1.01051	0.104658	0.755275	-1.32402	0.318368	1.17728	1.17728	0.411775	0.875631	-1.14203	0.245508	1.21194	1.21194	0.535037	1.10453	1.10453	0.0819237	0.737085	-1.35669	0.0499163	0.701967	-1.42457	0.187218	1.24759	1.24759	2.25087	0.892781	0.352566	1
cg25423752	GRM6	0.133577	0.298942	0.529766	-1.88763	0.01278	6.20459	6.20459	0.801282	1.16047	1.16047	0.0978309	2.92056	2.92056	0.509062	1.48481	1.48481	0.690946	0.789919	-1.26595	0.508573	0.673172	-1.4855	0.206817	2.19389	2.19389	0.130667	2.62015	2.62015	2.25087	12.4147	4.90267	1
cg04770397	TMEM132B	0.133578	0.23863	0.537621	-1.86005	0.0656513	0.353896	-2.82569	0.413914	0.657062	-1.52193	0.602418	1.30248	1.30248	0.293581	1.72949	1.72949	0.442265	0.674385	-1.48283	0.220072	0.5229	-1.91241	0.0128693	0.211609	-4.7257	0.62939	1.277	1.277	2.25086	9.01329	3.55944	1
cg06430309	EIF3B;EIF3B	0.133578	0.111913	2.26729	2.26729	0.223984	0.546578	-1.82957	0.510829	1.37079	1.37079	0.427962	0.682026	-1.46622	0.0159926	0.247925	-4.03348	0.318599	0.614204	-1.62812	0.257782	0.572113	-1.74791	0.415179	1.48266	1.48266	0.62634	1.26115	1.26115	2.25086	7.97123	3.14792	1
cg01519164	DCAF5;DCAF5	0.13358	0.584473	0.916587	-1.091	0.158268	1.26857	1.26857	0.111143	1.31484	1.31484	0.628653	1.07989	1.07989	0.850157	0.970612	-1.03028	0.241063	0.824021	-1.21356	0.0128762	0.614428	-1.62753	0.735238	0.947876	-1.05499	0.666486	1.07078	1.07078	2.25085	0.886746	0.350187	1
cg12716838	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	0.133581	0.909601	1.01834	1.01834	0.0292433	1.50824	1.50824	0.273256	1.2001	1.2001	0.185897	1.25154	1.25154	0.487993	0.893405	-1.11931	0.353685	1.16493	1.16493	0.107035	0.754682	-1.32506	0.152749	0.782707	-1.27762	0.478173	0.891047	-1.12227	2.25084	0.912343	0.360297	1
cg09518596	RAB40B	0.133584	0.365508	0.884538	-1.13053	0.0386523	1.37167	1.37167	0.120852	1.24854	1.24854	0.189727	1.20116	1.20116	0.770647	1.03933	1.03933	0.60618	0.933679	-1.07103	0.120404	1.24893	1.24893	0.0291267	1.40395	1.40395	0.311999	1.14799	1.14799	2.25082	0.620725	0.245136	1
cg20691722	SOX2OT	0.133586	0.0253703	0.1942	-5.14933	0.0366162	0.223662	-4.47103	0.051709	0.255278	-3.9173	0.474057	0.638283	-1.5667	0.0453249	0.242718	-4.12001	0.883562	0.913594	-1.09458	0.251653	0.477824	-2.09282	0.245388	0.472721	-2.11541	0.841328	0.883728	-1.13157	2.2508	13.5556	5.35341	1
cg07878486	ZNF132	0.133587	0.0509386	0.69035	-1.44854	0.232189	1.23221	1.23221	0.426676	1.14484	1.14484	0.16342	0.78045	-1.28131	0.353033	1.17264	1.17264	0.122141	0.756377	-1.32209	0.366844	0.856848	-1.16707	0.107042	1.34071	1.34071	0.581613	0.911422	-1.09719	2.25079	0.990054	0.390995	1
cg08421910	C6orf105;C6orf105	0.133591	0.787805	0.942934	-1.06052	0.00691405	2.14124	2.14124	0.210338	1.33309	1.33309	0.258118	0.773365	-1.29305	0.106116	1.4687	1.4687	0.632318	1.1107	1.1107	0.532878	1.14748	1.14748	0.514479	1.15486	1.15486	0.860083	0.962302	-1.03918	2.25076	1.69096	0.667809	1
cg05276360	DOCK6	0.133598	0.850131	1.08625	1.08625	0.907097	0.950222	-1.05239	0.544299	0.7646	-1.30787	0.267068	1.65815	1.65815	0.518018	0.750796	-1.33192	0.763464	0.87634	-1.14111	0.849883	1.0864	1.0864	0.329436	0.643908	-1.55302	0.00464895	5.18843	5.18843	2.25071	6.81867	2.69295	1
cg03421807	RAD54L;RAD54L	0.133601	0.0149199	0.112208	-8.91205	0.177434	2.78081	2.78081	0.0769722	4.1097	4.1097	0.278587	0.44883	-2.22802	0.801205	1.19529	1.19529	0.60636	1.44467	1.44467	0.795216	0.832011	-1.20191	0.764188	0.808358	-1.23708	0.626384	1.41509	1.41509	2.37433	18.3924	6.02494	1
cg10928302	RBM5	0.133602	0.280634	0.789489	-1.26664	0.796024	0.946864	-1.05612	0.096532	1.46899	1.46899	0.404546	0.835469	-1.19693	0.014427	0.529667	-1.88798	0.208739	1.32221	1.32221	0.604107	1.11656	1.11656	0.433554	0.844988	-1.18345	0.662037	1.09714	1.09714	2.25068	1.58355	0.625411	1
ch.11.1222898f	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.133609	0.0604575	3.96841	3.96841	0.0908436	0.297358	-3.36294	0.686286	1.3026	1.3026	0.691047	0.770984	-1.29704	0.0287798	5.3598	5.3598	0.0956781	3.29228	3.29228	0.864324	0.894627	-1.11778	0.8307	1.14958	1.14958	0.572588	1.44949	1.44949	2.25062	15.1094	5.96751	1
cg00168417	KIAA1210	0.13361	0.906528	1.04834	1.04834	0.639476	0.827293	-1.20876	0.165142	0.551573	-1.813	0.0495817	0.406456	-2.46029	0.0284176	0.353642	-2.82772	0.688705	1.17566	1.17566	0.0454292	0.397682	-2.51457	0.156106	0.543489	-1.83996	0.111941	0.498777	-2.0049	2.25062	5.75632	2.27348	1
cg25525825	TRIM27	0.133613	0.0475945	0.354321	-2.8223	0.286138	1.66075	1.66075	0.356203	1.54432	1.54432	0.294772	0.607987	-1.64477	0.157534	0.500512	-1.99795	0.105615	0.445054	-2.24692	0.222318	0.555808	-1.79918	0.54731	0.756629	-1.32165	0.0405909	0.338638	-2.953	2.25059	7.47505	2.95233	1
cg08989921	USP36	0.133616	0.0424792	0.697378	-1.43394	0.12166	0.771929	-1.29546	0.444432	0.886677	-1.12781	0.469884	0.892773	-1.12011	0.0820799	0.742897	-1.34608	0.152584	1.26664	1.26664	0.187555	0.806163	-1.24044	0.0504811	0.709004	-1.41043	0.396478	0.874628	-1.14334	2.25057	0.848339	0.335062	1
cg12596520	PC;PC;LRFN4;PC	0.133617	0.246009	0.553167	-1.80777	0.715753	1.19539	1.19539	0.313965	1.66231	1.66231	0.971405	1.01765	1.01765	0.0361725	0.304557	-3.28346	0.387917	0.649298	-1.54012	0.0124522	0.21923	-4.56141	0.396829	0.654804	-1.52717	0.37494	0.641199	-1.55958	2.25056	8.48891	3.35281	1
cg13378886	STMN1;STMN1;STMN1;STMN1	0.133617	0.632739	0.877698	-1.13934	0.263663	0.729262	-1.37125	0.840894	0.946994	-1.05597	0.644546	1.13414	1.13414	0.125076	0.637719	-1.56809	0.148316	1.52217	1.52217	0.0363368	1.93351	1.93351	0.132882	0.644459	-1.55169	0.204218	0.695555	-1.4377	2.25056	2.61689	1.03358	1
cg04018210	FRMD1;FRMD1	0.133618	0.0370761	0.644249	-1.55219	0.870776	0.970865	-1.03001	0.256862	1.23977	1.23977	0.296576	0.821554	-1.2172	0.112803	0.730894	-1.36819	0.70465	0.933174	-1.07161	0.0383262	1.54639	1.54639	0.999036	1.00022	1.00022	0.897474	1.02369	1.02369	2.25055	1.17572	0.464368	1
cg17688525	L3MBTL4	0.133623	0.62933	0.812894	-1.23017	0.847048	0.921215	-1.08552	0.654051	0.825258	-1.21174	0.0321574	0.322631	-3.09952	0.15235	1.94996	1.94996	0.793647	0.894544	-1.11789	?	?	?	0.0542405	2.64505	2.64505	0.28111	0.617214	-1.62018	2.56589	6.20716	1.81433	1
cg06231618	CXorf38	0.133623	0.00824944	0.127197	-7.86181	0.72801	0.808086	-1.23749	0.344191	0.551738	-1.81246	0.941302	1.04597	1.04597	0.859577	0.897558	-1.11413	0.0884469	0.317532	-3.14929	0.0482864	0.252249	-3.96433	0.87457	0.908086	-1.10122	0.168208	0.408088	-2.45045	2.25051	13.2771	5.24407	1
cg26673980	PRKAG2;PRKAG2	0.133624	0.0593866	0.360233	-2.77598	0.0428476	3.05953	3.05953	0.944493	0.967147	-1.03397	0.369567	0.642691	-1.55596	0.0436158	0.328583	-3.04338	0.716136	1.19148	1.19148	0.789441	1.13701	1.13701	0.736378	1.17598	1.17598	0.293838	0.593106	-1.68604	2.2505	8.20362	3.24021	1
cg00121884	C20orf29	0.133634	0.401793	0.870253	-1.14909	0.439066	1.13634	1.13634	0.22422	1.2297	1.2297	0.25705	0.825664	-1.21115	0.708487	1.06271	1.06271	0.504309	1.11598	1.11598	0.0113254	1.67124	1.67124	0.959208	1.00832	1.00832	0.142269	0.77455	-1.29107	2.25043	0.934792	0.36923	1
cg22022321	SCP2;SCP2;SCP2;SCP2	0.133635	0.102147	0.319725	-3.12769	0.00715858	0.109316	-9.14781	0.1892	0.412069	-2.42678	0.811472	0.858718	-1.16453	0.0723507	0.278539	-3.59016	0.178469	0.402035	-2.48735	0.331329	0.527881	-1.89437	0.177151	0.400783	-2.49512	0.871934	0.902277	-1.10831	2.25042	14.4813	5.71993	1
cg13116946	SLC16A8	0.133635	0.107976	0.701616	-1.42528	0.108832	1.42384	1.42384	0.19908	0.760199	-1.31545	0.418513	1.18179	1.18179	0.074445	0.669262	-1.49418	0.951713	0.987838	-1.01231	0.0676595	1.51228	1.51228	0.581912	1.11892	1.11892	0.909617	1.02321	1.02321	2.25042	1.45513	0.574758	1
cg03119442	WWOX	0.133638	0.157767	0.645764	-1.54855	0.108118	0.601965	-1.66123	0.891631	1.04026	1.04026	0.790158	0.925685	-1.08028	0.0491356	0.521904	-1.91606	0.0475331	0.518802	-1.92752	0.876871	1.04592	1.04592	0.978512	1.00783	1.00783	0.0218503	0.450827	-2.21815	2.25039	2.98789	1.18019	1
cg20778582	OTUB1;OTUB1;OTUB1	0.133639	0.702593	0.915904	-1.09182	0.735185	1.08084	1.08084	0.302113	1.27735	1.27735	0.706274	0.916959	-1.09056	0.549093	1.14891	1.14891	0.812353	0.947001	-1.05596	0.00384559	0.409836	-2.44	0.585886	0.881643	-1.13425	0.419816	0.828003	-1.20772	2.25039	1.86873	0.738137	1
cg26575389	FAM131B;FAM131B	0.133642	0.287539	1.32403	1.32403	0.706915	0.908453	-1.10077	0.0742306	1.65804	1.65804	0.106523	1.56513	1.56513	0.687475	1.10826	1.10826	0.241493	1.36566	1.36566	0.619765	0.880611	-1.13558	0.0758949	0.605247	-1.65222	0.0545381	1.7409	1.7409	2.25037	2.30271	0.909565	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20770435	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.133645	0.476372	1.45812	1.45812	0.00554986	6.6705	6.6705	0.394432	1.57506	1.57506	0.817849	1.12767	1.12767	0.739603	1.18973	1.18973	0.535628	1.38639	1.38639	0.21793	0.509148	-1.96407	0.106067	2.50756	2.50756	0.761817	1.17155	1.17155	2.25034	9.66763	3.81874	1
cg00496025	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.133646	0.0930166	0.574455	-1.74078	0.778895	1.0881	1.0881	0.677462	1.13368	1.13368	0.632185	1.15565	1.15565	0.166959	0.642765	-1.55578	0.0415584	0.494157	-2.02365	0.345357	0.747116	-1.33848	0.0637872	0.535227	-1.86837	0.158818	1.57111	1.57111	2.25033	3.20701	1.26678	1
cg19471399	CCDC77;CCDC77;CCDC77;CCDC77	0.133648	0.692111	0.907117	-1.10239	0.922311	0.976391	-1.02418	0.102861	0.645921	-1.54818	0.133616	0.672825	-1.48627	0.154972	0.688809	-1.45178	0.52435	0.85383	-1.17119	0.02853	1.88313	1.88313	0.199549	1.3937	1.3937	0.585457	0.873805	-1.14442	2.25032	2.13801	0.844526	1
cg01913455	TBX2	0.133649	0.602437	0.75891	-1.31768	0.564263	0.736425	-1.35791	0.0580416	0.324774	-3.07906	0.112667	0.40395	-2.47556	0.764154	1.17111	1.17111	0.0465661	0.302269	-3.30831	0.0204167	0.230657	-4.33544	0.346429	0.601118	-1.66357	0.0781813	0.358001	-2.79329	2.25031	9.82055	3.87919	1
cg01827781	LOC440356;LOC440356;CDIPT	0.13365	0.0589317	3.13094	3.13094	0.200903	2.06022	2.06022	0.93789	0.959157	-1.04258	0.175005	2.16376	2.16376	0.0735229	0.343821	-2.90849	0.392899	1.59732	1.59732	0.291028	1.79731	1.79731	0.0831291	2.79144	2.79144	0.110098	2.53919	2.53919	2.2503	10.2044	4.03082	1
cg10146935	SAMD11	0.133651	0.504578	0.762654	-1.31121	0.2686	1.58575	1.58575	0.243205	1.63009	1.63009	0.924262	0.962666	-1.03878	0.331567	1.49309	1.49309	0.630555	0.823738	-1.21398	0.0419732	0.391483	-2.55439	0.620986	0.819193	-1.22071	0.025359	2.89661	2.89661	2.25029	5.70626	2.25403	1
cg20173277	TMEM150A;TMEM150A;TMEM150A	0.133653	0.0768734	0.677799	-1.47536	0.160248	0.743375	-1.34522	0.209614	0.769982	-1.29873	0.204794	1.30275	1.30275	0.53064	1.13378	1.13378	0.10816	0.707182	-1.41406	0.88225	1.02973	1.02973	0.0676055	1.49892	1.49892	0.847224	1.03886	1.03886	2.25028	1.39259	0.550089	1
cg09202227	SMPD3	0.133653	0.10088	1.43776	1.43776	0.638456	0.908799	-1.10035	0.142469	0.72718	-1.37518	0.998392	1.00041	1.00041	0.711902	0.927784	-1.07784	0.33129	1.22453	1.22453	0.0611718	0.652903	-1.53162	0.0417231	1.60697	1.60697	0.769027	0.942234	-1.06131	2.25028	1.45525	0.574844	1
cg07726904	SALL1;SALL1	0.133657	?	?	?	0.947258	1.01729	1.01729	0.771758	0.927382	-1.0783	0.854215	0.953444	-1.04883	0.704663	0.906012	-1.10374	0.760865	1.08233	1.08233	0.0126023	2.23456	2.23456	0.685884	1.11114	1.11114	0.0458554	0.552531	-1.80985	2.2703	2.14724	0.945797	1
cg15077873	C11orf41	0.133658	0.307964	0.673809	-1.4841	0.0132554	0.317145	-3.15313	0.0518886	0.437103	-2.28779	0.262057	1.54888	1.54888	0.240336	0.63133	-1.58396	0.55226	0.798544	-1.25228	0.893097	1.05159	1.05159	0.84916	0.931243	-1.07383	0.137406	0.549594	-1.81952	2.25024	4.98842	1.97053	1
cg27219662	TRIM27;TRIM27	0.133662	0.966844	0.991741	-1.00833	0.772648	0.943841	-1.0595	0.652112	1.09477	1.09477	0.0606006	0.655668	-1.52516	0.0885807	0.687411	-1.45473	0.0127748	0.539471	-1.85367	0.580083	1.11795	1.11795	0.465831	1.1596	1.1596	0.831981	1.0433	1.0433	2.25021	1.41865	0.560401	1
cg27101112	FDX1L	0.133662	0.0104321	0.50306	-1.98783	0.990329	1.00259	1.00259	0.240353	0.769575	-1.29942	0.314993	1.2478	1.2478	0.134947	1.40968	1.40968	0.298706	1.25797	1.25797	0.822101	1.04915	1.04915	0.947032	1.01426	1.01426	0.574069	1.12863	1.12863	2.25021	1.61787	0.639098	1
cg24695316	CLGN;CLGN	0.133665	0.470703	0.895627	-1.11654	0.0391583	0.698685	-1.43126	0.914689	0.984031	-1.01623	0.722471	0.94784	-1.05503	0.00665037	0.589166	-1.69731	0.622157	0.928099	-1.07747	0.799693	1.03893	1.03893	0.453191	1.12164	1.12164	0.70566	0.944594	-1.05866	2.25019	0.80421	0.317686	1
cg17699374	C22orf33;C22orf33;C22orf33;C22orf33	0.133665	0.0908704	0.513903	-1.94589	0.143869	0.570509	-1.75282	0.0492943	0.448437	-2.22997	0.115514	0.542527	-1.84323	0.0194861	0.36449	-2.74356	0.110408	0.536986	-1.86225	0.162547	0.586917	-1.70382	0.126956	0.55434	-1.80395	0.111392	0.538068	-1.8585	2.25019	4.55243	1.79834	1
cg15508401	HDAC4	0.133665	0.0953922	0.471262	-2.12196	0.947348	0.973245	-1.02749	0.535187	1.29418	1.29418	0.356768	1.47583	1.47583	0.0140266	0.287775	-3.47494	0.097624	0.47409	-2.1093	0.391403	1.4342	1.4342	0.736429	1.14881	1.14881	0.791434	0.896876	-1.11498	2.25018	6.00969	2.37401	1
cg07927953	INPP5A	0.133667	0.120329	0.59112	-1.6917	0.159055	1.59939	1.59939	0.0132409	2.60639	2.60639	0.292852	0.711422	-1.40564	0.961742	1.01508	1.01508	0.184687	1.55111	1.55111	0.643626	1.15646	1.15646	0.977342	1.0089	1.0089	0.696989	1.12986	1.12986	2.25017	3.46949	1.37056	1
cg10784785	SIAH1	0.133668	0.0367607	1.55845	1.55845	0.137119	1.34022	1.34022	0.821077	1.0423	1.0423	0.168127	1.30815	1.30815	0.592262	0.905864	-1.10392	0.728198	0.93819	-1.06588	0.0525105	0.668191	-1.49658	0.205359	1.27679	1.27679	0.722743	0.936928	-1.06732	2.25016	1.19188	0.470832	1
cg06443918	C10orf95	0.133671	0.019015	0.329964	-3.03064	0.604958	0.815643	-1.22603	0.803386	1.10232	1.10232	0.19816	1.70081	1.70081	0.272938	0.640455	-1.56139	0.970575	1.01451	1.01451	0.0634091	2.25955	2.25955	0.940126	1.02977	1.02977	0.287574	1.53908	1.53908	2.25014	5.43456	2.14685	1
cg16555165	SHF	0.133671	0.766903	1.12468	1.12468	0.59341	1.23741	1.23741	0.318481	1.50313	1.50313	0.443148	1.36216	1.36216	0.00642071	0.246251	-4.0609	0.530444	1.28556	1.28556	0.860961	1.07176	1.07176	0.241024	1.62442	1.62442	0.386854	1.41995	1.41995	2.25013	5.5681	2.19961	1
cg17887793	HSPA6;HSPA6	0.133675	0.261286	0.808988	-1.23611	0.31389	1.20738	1.20738	0.642585	0.918914	-1.08824	0.802441	1.0464	1.0464	0.710733	0.934818	-1.06973	0.234456	0.798114	-1.25295	0.0081226	1.84624	1.84624	0.297491	0.822488	-1.21582	0.838057	0.963649	-1.03772	2.25011	1.16667	0.460886	1
cg16233151	SGSH	0.133675	0.822686	0.927659	-1.07798	0.0660569	0.501648	-1.99343	0.00547742	0.29464	-3.39397	0.419326	0.758763	-1.31794	0.19221	0.630139	-1.58695	0.606872	1.18963	1.18963	0.273037	0.682732	-1.4647	0.530895	0.808666	-1.2366	0.841124	0.935057	-1.06945	2.25011	3.98882	1.57576	1
cg05191435	MGC26597	0.133681	0.304054	0.833535	-1.19971	0.637184	1.08466	1.08466	0.234122	1.23783	1.23783	0.302176	0.832902	-1.20062	0.0107697	0.578085	-1.72985	0.49482	0.888183	-1.12589	0.187937	1.26957	1.26957	0.30743	0.834666	-1.19808	0.506798	0.89118	-1.12211	2.25006	1.04271	0.411923	1
cg13634501	ANXA2;ANXA2;ANXA2;ANXA2	0.133689	0.13248	8.37137	8.37137	0.0469789	19.6104	19.6104	0.127792	8.62841	8.62841	0.907229	1.16484	1.16484	0.650677	0.550648	-1.81604	0.0618854	15.6739	15.6739	0.0204479	38.7121	38.7121	0.951455	1.08295	1.08295	0.916412	1.1473	1.1473	2.25	61.0479	24.1177	1
cg14127589	MPZL3	0.133696	0.307426	0.909124	-1.09996	0.212457	1.12572	1.12572	0.0985653	1.17745	1.17745	0.140842	0.866894	-1.15354	0.540129	0.945607	-1.05752	0.0571034	0.823567	-1.21423	0.0586009	0.824763	-1.21247	0.700653	0.965766	-1.03545	0.528903	0.944097	-1.05921	2.24994	0.289768	0.114479	1
cg09795569	DYRK3;DYRK3	0.133707	0.529049	0.721669	-1.38568	0.743308	1.18304	1.18304	0.0534434	3.07128	3.07128	0.67124	0.803818	-1.24406	0.613464	0.770633	-1.29763	0.74537	0.846473	-1.18137	0.00919733	0.18424	-5.4277	0.530435	0.722482	-1.38412	0.350514	0.611697	-1.6348	2.24986	9.32287	3.68334	1
cg01278873	ZNF233;ZNF233	0.133708	0.0490885	0.408837	-2.44597	0.0329627	0.370461	-2.69934	0.125786	0.517064	-1.934	0.0633535	0.435468	-2.29638	0.0773649	0.457608	-2.18528	0.755973	0.883274	-1.13215	0.17495	0.563041	-1.77607	0.607131	1.22936	1.22936	0.18719	0.573155	-1.74473	2.24985	5.64861	2.2317	1
cg01876288	LOC154822	0.13371	0.0650887	0.327192	-3.05631	0.0382844	0.27388	-3.65123	0.478949	0.678242	-1.4744	0.222697	0.500979	-1.99609	0.0208258	0.223012	-4.48406	0.165043	0.44985	-2.22297	0.105305	0.384974	-2.59758	0.0670477	0.330466	-3.02603	0.259925	0.530524	-1.88493	2.24984	10.3677	4.09616	1
cg26139133	THRB;THRB;THRB	0.133712	0.0885355	1.51594	1.51594	0.21349	1.33649	1.33649	0.154164	1.4018	1.4018	0.0151618	0.51656	-1.93588	0.666573	1.10073	1.10073	0.802503	1.05706	1.05706	0.552775	0.875498	-1.14221	0.788435	0.942186	-1.06136	0.676043	1.09752	1.09752	2.24982	1.74687	0.690177	1
cg04387984	LPP;LPP;LPP	0.133715	0.0969311	0.53698	-1.86227	0.564268	1.22006	1.22006	0.0262094	0.406562	-2.45965	0.950409	0.978998	-1.02145	0.828359	0.92858	-1.07691	0.86836	0.944963	-1.05824	0.0245964	0.401073	-2.49331	0.783526	1.09854	1.09854	0.101604	0.542452	-1.84348	2.24979	4.14986	1.6396	1
cg06973234	DSC2;DSC2	0.133717	0.368586	0.917827	-1.08953	0.027009	1.27523	1.27523	0.111534	1.17461	1.17461	0.254219	1.11689	1.11689	0.805369	0.977338	-1.02319	0.260264	1.1152	1.1152	0.126439	0.857691	-1.16592	0.372362	0.918478	-1.08876	0.379708	1.08727	1.08727	2.24978	0.307187	0.121369	1
cg10484450	TMEM229B	0.13372	0.464112	1.29156	1.29156	0.530086	1.24408	1.24408	0.541792	1.23623	1.23623	0.351922	1.38948	1.38948	0.0651245	0.491128	-2.03613	0.254106	1.50517	1.50517	0.0125212	2.90541	2.90541	0.302913	1.44256	1.44256	0.248545	1.51311	1.51311	2.24976	4.2009	1.65979	1
cg04334108	TMEM184C	0.13372	0.0734238	0.529979	-1.88687	0.0177562	0.39974	-2.50163	0.166185	0.625234	-1.5994	0.473596	0.793076	-1.26091	0.69906	0.883765	-1.13152	0.383541	0.752603	-1.32872	0.127568	1.6889	1.6889	0.978251	0.991366	-1.00871	0.163157	0.622846	-1.60553	2.24976	3.605	1.42435	1
cg10127483	SYPL2	0.133732	0.0608267	3.40107	3.40107	0.62846	0.753943	-1.32636	0.42298	0.622474	-1.60649	0.127689	0.385196	-2.59608	0.0887104	0.33701	-2.96727	0.206602	0.462285	-2.16317	0.112161	0.367183	-2.72343	0.194826	2.21296	2.21296	0.758715	0.836556	-1.19538	2.24967	11.9541	4.72329	1
cg05642698	SEC63	0.133732	0.301265	0.865056	-1.156	0.0247372	1.43598	1.43598	0.145861	1.23531	1.23531	0.898617	0.982896	-1.0174	0.161545	1.22426	1.22426	0.118183	0.794847	-1.2581	0.640968	0.938411	-1.06563	0.366002	0.881876	-1.13395	0.637755	0.937828	-1.06629	2.24967	0.652681	0.257888	1
cg17604312	DDR1;DDR1	0.133733	0.140902	0.642885	-1.55549	0.0531699	0.541812	-1.84566	0.086198	0.589291	-1.69695	0.709439	0.900856	-1.11006	0.133211	0.636436	-1.57125	0.320941	0.751215	-1.33118	0.0115566	0.414384	-2.41322	0.711629	1.10913	1.10913	0.597145	0.861755	-1.16042	2.24966	2.77256	1.0955	1
cg24722348	ALPL;ALPL	0.133735	0.513327	0.829035	-1.20622	0.312225	0.744034	-1.34403	0.601405	1.16076	1.16076	0.88356	1.04232	1.04232	0.0731669	0.56826	-1.75976	0.256117	1.39832	1.39832	0.231021	0.700927	-1.42668	0.0104567	0.401888	-2.48825	0.373615	0.77235	-1.29475	2.24964	2.85014	1.12616	1
cg00704310	KCTD15;KCTD15;KCTD15	0.13374	0.142805	0.740785	-1.34992	0.554875	1.1205	1.1205	0.322177	0.822983	-1.21509	0.672309	0.92215	-1.08442	0.397533	1.17942	1.17942	0.736559	0.937705	-1.06643	0.619302	1.10011	1.10011	0.838258	0.961813	-1.0397	0.00710793	1.93949	1.93949	2.2496	1.29293	0.510878	1
cg13783653	NTNG2	0.13374	0.596719	1.39798	1.39798	0.00854575	8.20777	8.20777	0.262097	2.08268	2.08268	0.645007	1.33784	1.33784	0.119025	0.345937	-2.8907	0.152377	2.61646	2.61646	0.953097	0.963769	-1.03759	0.385959	1.7465	1.7465	0.394923	1.72747	1.72747	2.2496	14.0244	5.5415	1
cg22934295	CCK;CCK	0.13374	0.282177	1.40485	1.40485	0.955586	1.01708	1.01708	0.538842	0.82757	-1.20836	0.687286	0.884188	-1.13098	0.743174	1.10518	1.10518	0.167656	1.56412	1.56412	0.283102	0.712323	-1.40386	0.00605666	2.97521	2.97521	0.951068	0.981507	-1.01884	2.2496	3.29624	1.30245	1
cg03363565	RAB11FIP3	0.133752	0.122669	0.291724	-3.4279	0.0972948	3.81977	3.81977	0.963328	1.03444	1.03444	0.251327	0.41366	-2.41745	0.0878849	0.249748	-4.00403	0.892416	0.905141	-1.1048	0.0313768	0.155744	-6.4208	0.214723	0.382146	-2.6168	0.231006	0.396376	-2.52285	2.2495	19.326	7.63666	1
cg27196940	GAR1;GAR1	0.133754	0.0778487	0.419201	-2.38549	0.084547	0.428919	-2.33144	0.0203026	0.288993	-3.46029	0.384309	0.67316	-1.48553	0.402362	0.683693	-1.46264	0.75837	1.14671	1.14671	0.0225853	0.297736	-3.35869	0.385071	0.673609	-1.48454	0.407143	0.686452	-1.45677	2.2495	7.01318	2.77126	1
cg01991305	VEZT;VEZT;FGD6	0.133754	0.0924682	1.57965	1.57965	0.195354	1.40237	1.40237	0.664	1.11396	1.11396	0.175366	0.700591	-1.42737	0.893539	1.03361	1.03361	0.0259482	0.520623	-1.92077	0.263417	1.33358	1.33358	0.255334	1.34074	1.34074	0.983395	0.994874	-1.00515	2.2495	2.17206	0.858292	1
cg09879122	GALNT9;GALNT9	0.133754	0.704519	0.71732	-1.39408	0.00426635	28.055	28.055	0.803574	1.24274	1.24274	0.748618	1.32362	1.32362	0.844098	0.842241	-1.18731	0.892819	1.12474	1.12474	0.522783	0.568478	-1.75908	0.200648	0.307687	-3.25006	0.653325	1.48326	1.48326	2.24949	27.0905	10.7049	1
cg18988110	PRR15L	0.133756	0.630539	0.829865	-1.20502	0.0439411	0.410255	-2.43751	0.0634911	0.447986	-2.23221	0.858911	1.07087	1.07087	0.408119	0.722089	-1.38487	0.549049	0.791905	-1.26278	0.154887	0.556625	-1.79654	0.0128652	0.304636	-3.2826	0.686594	1.16894	1.16894	2.24948	5.27601	2.08483	1
cg18244708	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.133759	0.0669714	0.441929	-2.26281	0.98746	0.993769	-1.00627	0.667305	1.18765	1.18765	0.764728	0.887489	-1.12677	0.0107104	0.279281	-3.58062	0.261796	0.627914	-1.59257	0.074429	0.453649	-2.20435	0.371992	0.694536	-1.43981	0.12565	0.517324	-1.93302	2.24945	5.63431	2.22644	1
cg24086266	SHC2	0.13376	0.0724278	1.28701	1.28701	0.0758075	1.28241	1.28241	0.096373	1.25834	1.25834	0.0686208	1.29248	1.29248	0.602239	0.935955	-1.06843	0.193021	1.18934	1.18934	0.232573	1.17066	1.17066	0.345106	0.884795	-1.1302	0.413327	0.900082	-1.11101	2.24945	0.564453	0.223048	1
cg23712342	PHYHIPL;PHYHIPL	0.133763	0.942634	0.988368	-1.01177	0.548216	0.905944	-1.10382	0.282449	1.19911	1.19911	0.10504	0.749786	-1.33371	0.638572	1.07995	1.07995	0.699379	0.938864	-1.06512	0.220831	0.811191	-1.23276	0.0123501	1.65938	1.65938	0.401528	1.1498	1.1498	2.24942	0.94163	0.372097	1
cg17861206	HPS6	0.133766	0.540287	1.22812	1.22812	0.0530131	2.07253	2.07253	0.0212503	2.50381	2.50381	0.0949578	1.83712	1.83712	0.172982	0.618384	-1.61712	0.188111	1.58768	1.58768	0.801847	1.08692	1.08692	0.874913	0.949124	-1.0536	0.636276	1.17104	1.17104	2.2494	3.91381	1.54661	1
cg06109949	PDE11A;PDE11A	0.133767	0.383434	0.826037	-1.2106	0.0860993	1.50011	1.50011	0.783275	1.06073	1.06073	0.408682	0.834685	-1.19806	0.751183	1.07039	1.07039	0.814893	0.951087	-1.05143	0.31695	0.801539	-1.2476	0.00841491	0.486924	-2.05371	0.456587	0.850331	-1.17601	2.24939	1.62899	0.643726	1
cg14984307	ACYP1;ACYP1	0.13377	0.192333	0.72645	-1.37656	0.604924	1.12847	1.12847	0.0857976	1.55228	1.55228	0.430553	1.20482	1.20482	0.0911598	1.53866	1.53866	0.44539	0.835136	-1.19741	0.0314928	0.557555	-1.79355	0.816157	1.05542	1.05542	0.600955	1.13	1.13	2.24937	1.91078	0.755089	1
cg16636468	RPTOR;RPTOR	0.133771	0.123477	0.41136	-2.43096	0.68387	1.24353	1.24353	0.343193	0.594589	-1.68183	0.238936	0.5186	-1.92827	0.218973	0.502433	-1.99032	0.133849	0.422836	-2.36499	0.0105989	0.180641	-5.53584	0.044343	0.292402	-3.41995	0.343072	0.594507	-1.68207	2.24936	10.0976	3.99032	1
cg09226786	DLX6AS	0.133771	0.169724	0.400234	-2.49854	0.582405	1.41579	1.41579	0.781402	1.19024	1.19024	0.262291	0.481051	-2.07878	0.01893	5.9262	5.9262	0.156025	0.386682	-2.58611	0.252007	0.472756	-2.11525	0.254356	2.10676	2.10676	0.945297	1.0439	1.0439	2.24936	13.9637	5.51809	1
cg08920068	LOX	0.133773	0.505948	1.30632	1.30632	0.549662	0.786891	-1.27082	0.134703	0.528079	-1.89366	0.170459	1.7824	1.7824	0.502029	1.30964	1.30964	0.316121	1.50734	1.50734	0.0835996	0.468521	-2.13438	0.0298885	0.363625	-2.75009	0.472029	0.748539	-1.33594	2.24934	5.58437	2.20681	1
cg12775877	BAT3;BAT3;BAT3;BAT3;BAT3;BAT3;BAT3	0.133773	0.630992	1.32207	1.32207	0.0428068	3.83833	3.83833	0.160836	2.37286	2.37286	0.234945	0.487644	-2.05067	0.13159	0.391009	-2.55749	0.31646	0.550204	-1.81751	0.268841	0.514601	-1.94325	0.286665	1.89323	1.89323	0.23895	2.03702	2.03702	2.24934	11.8561	4.68527	1
cg08926365	FYN;FYN;FYN	0.133777	0.338723	0.63104	-1.58468	0.0117207	0.229903	-4.34966	0.129119	0.465061	-2.15026	0.643516	1.24305	1.24305	0.307807	0.610894	-1.63694	0.132503	0.468678	-2.13366	0.221713	0.549017	-1.82144	0.297922	1.65491	1.65491	0.703129	1.19573	1.19573	2.24932	7.76441	3.06835	1
cg12471044	LOC731789	0.133778	0.0620251	0.526398	-1.8997	0.147615	0.622209	-1.60718	0.145298	0.620266	-1.61221	0.508831	1.22713	1.22713	0.358601	1.33416	1.33416	0.147015	0.621708	-1.60847	0.103448	1.72271	1.72271	0.608706	0.854118	-1.1708	0.159455	0.631814	-1.58275	2.2493	3.32263	1.31305	1
cg07199812	ATF3;ATF3;ATF3	0.133784	0.0304366	0.704903	-1.41864	0.479107	0.905823	-1.10397	0.524889	1.09262	1.09262	0.232596	0.841911	-1.18777	0.178074	1.21741	1.21741	0.602603	0.930332	-1.07488	0.403021	1.12484	1.12484	0.0565546	0.743237	-1.34547	0.328072	1.14887	1.14887	2.24926	0.673221	0.266052	1
cg27288829	RAX2	0.133784	0.896085	0.93349	-1.07125	0.0162702	0.212756	-4.70023	0.0906419	2.66946	2.66946	0.881402	1.0818	1.0818	0.694279	0.812157	-1.23129	0.374974	1.61544	1.61544	0.0783418	2.80109	2.80109	0.82553	1.12331	1.12331	0.535765	1.39136	1.39136	2.24926	9.8823	3.90541	1
cg15353444	SERPINE2;SERPINE2;SERPINE2	0.133785	0.111665	0.420275	-2.3794	0.10236	2.44591	2.44591	0.529204	1.37568	1.37568	0.414467	0.658769	-1.51798	0.522342	0.722946	-1.38323	0.254034	0.55104	-1.81475	0.0159263	0.228326	-4.3797	0.244541	0.543832	-1.8388	0.777999	0.868126	-1.15191	2.24925	8.91796	3.52432	1
cg03320607	LILRA3	0.133786	0.215348	0.379755	-2.63328	0.626528	0.694829	-1.4392	0.598105	0.673725	-1.48428	0.10633	0.270002	-3.70367	0.397739	0.525784	-1.90192	0.238898	0.400212	-2.49868	0.0142688	0.106054	-9.42914	0.0330002	0.157057	-6.36713	0.0511372	0.192237	-5.20192	2.24924	19.6359	7.76	1
cg02293817	LOC442293	0.133787	0.541997	1.1566	1.1566	0.0240265	1.88592	1.88592	0.851977	1.04501	1.04501	0.227976	1.34749	1.34749	0.171807	1.40892	1.40892	0.223282	1.352	1.352	0.0118371	2.09728	2.09728	0.416069	1.21641	1.21641	0.095047	1.54084	1.54084	2.24924	1.97872	0.781984	1
cg16795290	RQCD1;USP37	0.133793	0.818696	0.904913	-1.10508	0.622995	1.24064	1.24064	0.0850755	2.29002	2.29002	0.502708	0.743781	-1.34448	0.568813	0.778323	-1.28481	0.563501	1.28936	1.28936	0.00723797	0.221353	-4.51767	0.622992	0.806031	-1.24065	0.582376	0.785299	-1.2734	2.24919	6.74599	2.66604	1
cg21656751	HECW1	0.133799	0.0445976	0.768331	-1.30152	0.652711	1.05313	1.05313	0.837155	0.976755	-1.0238	0.316589	1.12561	1.12561	0.653036	0.949601	-1.05307	0.936106	1.0092	1.0092	0.0869196	0.805696	-1.24116	0.0430387	1.30481	1.30481	0.277941	1.13762	1.13762	2.24914	0.465207	0.183856	1
cg07036918	SCUBE2;SCUBE2	0.1338	0.906347	1.02769	1.02769	0.350997	1.24957	1.24957	0.123901	1.47219	1.47219	0.913849	0.975195	-1.02544	0.119884	0.675952	-1.4794	0.264296	0.763333	-1.31004	0.2273	1.34203	1.34203	0.0677579	1.60788	1.60788	0.0503842	1.6781	1.6781	2.24914	1.91899	0.75841	1
cg05315510	ADAMTSL3	0.133801	0.0669067	0.591769	-1.68985	0.0646147	0.588498	-1.69924	0.209472	0.713291	-1.40195	0.38261	0.795569	-1.25696	0.0119821	0.449035	-2.227	0.915389	0.97322	-1.02752	0.538513	1.17241	1.17241	0.497913	0.838825	-1.19214	0.160511	0.68187	-1.46655	2.24913	2.3239	0.918441	1
cg10968631	FLJ44817	0.133802	0.0535574	0.185527	-5.39006	0.497723	0.589223	-1.69715	0.0892777	0.236995	-4.2195	0.183047	0.337717	-2.96106	0.0282465	0.136642	-7.31841	0.27386	0.416904	-2.39863	0.0703949	0.211419	-4.72995	0.0362933	0.154078	-6.4902	0.156978	0.312528	-3.19971	2.24912	21.0302	8.31149	1
cg20810645	DZIP1;DZIP1	0.133806	0.0432268	0.311168	-3.2137	0.826379	0.89558	-1.11659	0.703443	1.21168	1.21168	0.928778	1.0459	1.0459	0.111602	0.418979	-2.38676	0.751018	0.852309	-1.17328	0.0170079	0.232021	-4.30995	0.0580035	0.341041	-2.9322	0.29034	0.576428	-1.73482	2.24909	8.97726	3.54801	1
cg08821557	CLGN;CLGN	0.133806	0.209404	0.892985	-1.11984	0.143595	0.874202	-1.1439	0.174028	0.883626	-1.1317	0.647367	0.961365	-1.04019	0.16628	1.1346	1.1346	0.697849	0.967175	-1.03394	0.640613	1.04104	1.04104	0.998351	1.00018	1.00018	0.0190889	1.27468	1.27468	2.24909	0.260709	0.103038	1
cg11836372	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.133808	0.264758	0.353575	-2.82825	0.676874	0.687381	-1.4548	0.995454	1.00511	1.00511	0.0547914	7.01725	7.01725	0.715953	0.721176	-1.38662	0.342753	2.39719	2.39719	0.0814319	5.62702	5.62702	0.0221886	11.6174	11.6174	0.286917	2.6888	2.6888	2.24908	28.4991	11.2635	1
cg17180011	RPTOR;RPTOR	0.133811	0.041722	0.743167	-1.34559	0.571114	1.07506	1.07506	0.777231	1.03652	1.03652	0.604807	0.936119	-1.06824	0.171883	0.832022	-1.20189	0.646088	0.94321	-1.06021	0.151311	1.21461	1.21461	0.721117	0.955687	-1.04637	0.0204096	0.702319	-1.42386	2.24905	0.56954	0.225099	1
cg01633093	GALNTL2;GALNTL2	0.133811	0.311882	1.9213	1.9213	0.00680115	8.92514	8.92514	0.0671332	3.59938	3.59938	0.195702	2.34926	2.34926	0.81866	0.866458	-1.15412	0.239244	2.1582	2.1582	0.121125	2.85505	2.85505	0.34084	1.84535	1.84535	0.862094	1.11463	1.11463	2.24905	13.8774	5.48476	1
cg06886207	C1orf97	0.133813	0.498133	1.35547	1.35547	0.726169	1.16824	1.16824	0.174902	1.89287	1.89287	0.23705	0.578196	-1.72952	0.0758241	2.39618	2.39618	?	?	?	0.0454305	0.362489	-2.7587	0.958617	1.02321	1.02321	0.18533	0.537316	-1.8611	2.26905	6.24754	2.75337	1
cg07303829	SAPS2	0.133814	0.771645	1.12183	1.12183	0.0360506	2.6202	2.6202	0.0117862	3.46451	3.46451	0.296847	1.5331	1.5331	0.1318	1.90148	1.90148	0.935621	0.968589	-1.03243	0.174517	1.76929	1.76929	0.0993194	2.04158	2.04158	0.297016	1.53285	1.53285	2.24902	5.55901	2.19711	1
cg19622662	DUSP27	0.133815	0.0611343	0.270092	-3.70245	0.211003	2.26487	2.26487	0.553449	1.45044	1.45044	0.151895	0.385869	-2.59155	0.0499313	0.249823	-4.00283	0.312406	0.522975	-1.91214	0.0805307	0.300466	-3.32816	0.181477	0.41481	-2.41074	0.253302	0.477065	-2.09615	2.24902	13.7066	5.41731	1
cg00253564	PLEKHG5;PLEKHG5;PLEKHG5	0.133817	0.500072	0.758703	-1.31804	0.670469	1.18847	1.18847	0.378195	0.69438	-1.44013	0.716715	0.863293	-1.15836	0.00954519	0.266012	-3.75923	0.102406	0.486258	-2.05652	0.375276	0.692746	-1.44353	0.0289113	0.353766	-2.82672	0.727596	0.868431	-1.1515	2.249	5.79647	2.29098	1
cg02560808	VAC14	0.133817	0.266058	0.847768	-1.17957	0.0486437	1.37842	1.37842	0.935278	1.01164	1.01164	0.36015	1.14347	1.14347	0.235654	1.19376	1.19376	0.668212	0.940405	-1.06337	0.0412637	0.714979	-1.39864	0.184007	1.22243	1.22243	0.438052	0.893397	-1.11932	2.249	0.723341	0.285891	1
cg09859898	CORO1A	0.133819	0.460611	0.900145	-1.11093	0.560174	0.920812	-1.086	0.712292	1.05324	1.05324	0.822405	0.969008	-1.03198	0.758539	1.04413	1.04413	0.351483	0.874341	-1.14372	0.00365961	0.57673	-1.73391	0.121568	0.79053	-1.26497	0.611957	0.930865	-1.07427	2.24899	0.69856	0.276099	1
cg11051031	IQGAP2	0.133823	0.97015	0.987776	-1.01238	0.0106194	2.87516	2.87516	0.0964148	1.82211	1.82211	0.801963	1.08611	1.08611	0.184431	0.629552	-1.58843	0.378049	0.74283	-1.3462	0.711706	0.885135	-1.12977	0.290109	1.43461	1.43461	0.673546	1.14944	1.14944	2.24896	3.84835	1.52104	1
cg16092390	MYH9	0.133823	0.366309	0.713452	-1.40164	0.224479	0.628651	-1.59071	0.109891	0.530488	-1.88506	0.850915	1.07084	1.07084	0.00924198	0.300636	-3.32628	0.535276	0.795806	-1.25659	0.0507697	0.445023	-2.24708	0.545959	1.24895	1.24895	0.527014	0.792024	-1.26259	2.24895	4.7137	1.86307	1
cg09697084	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.133828	0.251339	0.427022	-2.3418	0.021	0.139266	-7.18052	0.0791055	0.250529	-3.99156	0.866321	1.12707	1.12707	0.347693	0.503332	-1.98676	0.377314	0.525608	-1.90256	0.0227707	0.144401	-6.92518	0.100136	0.278297	-3.59329	0.196274	0.37902	-2.63838	2.24892	17.9554	7.09689	1
cg23949233	ZNF260;ZNF260;ZNF260;ZNF260	0.133828	0.911408	0.985702	-1.01451	0.478949	1.0976	1.0976	0.0781914	1.28813	1.28813	0.0831161	1.28177	1.28177	0.692978	1.05269	1.05269	0.931971	0.989014	-1.01111	0.407713	0.896213	-1.11581	0.0358289	0.729071	-1.37161	0.123319	1.24109	1.24109	2.24892	0.596297	0.235687	1
cg15457079	CPN1	0.133828	0.04194	0.26037	-3.84068	0.0324061	0.237462	-4.2112	0.0441199	0.265117	-3.77192	0.219662	0.476686	-2.09782	0.212205	0.470339	-2.12613	0.108422	0.365956	-2.73257	0.150959	0.413338	-2.41933	0.0638874	0.302532	-3.30543	0.752671	0.834046	-1.19897	2.24892	11.7364	4.63883	1
cg25053413	C14orf182	0.133832	0.722372	1.15818	1.15818	0.129549	1.96237	1.96237	0.130511	0.510584	-1.95854	0.0778786	0.446412	-2.24008	0.519049	1.30875	1.30875	0.375753	1.45381	1.45381	0.0988614	2.10618	2.10618	0.0699524	2.30271	2.30271	0.915867	1.04446	1.04446	2.24889	6.03506	2.3854	1
cg19094438	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.133835	0.904596	0.950614	-1.05195	0.0210569	3.2287	3.2287	0.0216481	3.20498	3.20498	0.541254	1.29852	1.29852	0.993897	1.00324	1.00324	0.747406	1.14625	1.14625	0.248465	0.600745	-1.6646	0.35985	1.48832	1.48832	0.169524	1.85546	1.85546	2.24887	6.35471	2.51177	1
cg16439130	MAP3K7IP2	0.133837	0.0522594	0.294405	-3.39668	0.105253	0.375163	-2.66551	0.1958	0.468721	-2.13347	0.614494	0.754799	-1.32486	0.0373769	0.26234	-3.81185	0.514748	0.693564	-1.44183	0.0834313	0.345976	-2.89037	0.710027	1.22983	1.22983	0.0327702	0.250707	-3.98872	2.24885	10.9273	4.31918	1
cg17713912	RELN;RELN	0.133842	0.206476	2.49022	2.49022	0.0107681	8.96927	8.96927	0.0843486	3.69647	3.69647	0.366321	1.88796	1.88796	0.883969	0.904846	-1.10516	0.0835499	3.71159	3.71159	0.0770449	3.84272	3.84272	0.159194	2.8016	2.8016	0.299687	2.08744	2.08744	2.24881	16.6983	6.60037	1
cg23854747	PRPF6	0.133843	0.0951767	1.33011	1.33011	0.75006	1.05098	1.05098	0.18355	1.24548	1.24548	0.240477	0.825967	-1.2107	0.181282	0.801873	-1.24708	0.205498	0.812364	-1.23098	0.889945	1.02177	1.02177	0.0423499	1.43876	1.43876	0.24871	1.20634	1.20634	2.2488	0.862123	0.340773	1
cg04496106	DHX8	0.133843	0.00651906	3.4896	3.4896	0.757559	0.896313	-1.11568	0.36887	1.3858	1.3858	0.708922	1.14176	1.14176	0.628831	0.841815	-1.18791	0.71291	1.13957	1.13957	0.101745	0.530826	-1.88385	0.645289	0.848857	-1.17805	0.91616	1.03793	1.03793	2.2488	4.4514	1.75952	1
cg04344119	CHD4	0.133843	0.269699	0.857713	-1.16589	0.994731	0.999119	-1.00088	0.631006	0.93742	-1.06676	0.88312	0.980547	-1.01984	0.0099375	1.5447	1.5447	0.382529	1.12703	1.12703	0.130444	0.804036	-1.24373	0.935977	0.989329	-1.01079	0.245878	0.850385	-1.17594	2.2488	0.63511	0.251042	1
cg20423745	PPM1H	0.133844	0.380633	0.799638	-1.25057	0.197585	1.40303	1.40303	0.60906	0.879635	-1.13683	0.678185	1.10932	1.10932	0.00613672	0.411041	-2.43285	0.953328	1.01466	1.01466	0.675903	0.900742	-1.1102	0.303323	1.30355	1.30355	0.498729	0.843032	-1.18619	2.24879	2.20175	0.870295	1
cg02917040	HIST2H2BF	0.133845	0.726373	0.95289	-1.04944	0.024203	1.4464	1.4464	0.0408789	1.38286	1.38286	0.377669	0.883093	-1.13238	0.374287	1.13344	1.13344	0.894146	1.01845	1.01845	0.721468	1.05039	1.05039	0.754182	0.957774	-1.04409	0.0475031	1.36526	1.36526	2.24878	0.671853	0.265567	1
cg27611274	PTPRN2;PTPRN2;PTPRN2	0.133847	0.0796367	0.704024	-1.42041	0.128015	1.34559	1.34559	0.845319	1.03586	1.03586	0.873218	1.02923	1.02923	?	?	?	0.634415	1.09026	1.09026	0.0620286	1.46089	1.46089	0.0752785	0.699572	-1.42945	0.637286	0.91789	-1.08946	2.26878	1.03947	0.458163	1
cg24903225	SART3;ISCU;ISCU	0.133854	0.0962485	1.21841	1.21841	0.0745661	1.23968	1.23968	0.312717	1.11957	1.11957	0.331976	1.11433	1.11433	0.0235515	1.33978	1.33978	0.277326	1.12998	1.12998	0.208789	0.866484	-1.15409	0.628904	1.05408	1.05408	?	?	?	2.26873	0.373648	0.164695	1
cg24132527	TMCO6	0.133854	0.606701	0.873086	-1.14536	0.0318519	0.518169	-1.92987	0.0887419	0.612182	-1.6335	0.20797	1.41482	1.41482	0.728148	0.912831	-1.09549	0.422911	0.807394	-1.23855	0.706904	1.10377	1.10377	0.0664951	1.71235	1.71235	0.452911	0.818851	-1.22122	2.24872	2.43299	0.96173	1
cg06963451	NUP93	0.133855	0.221604	0.642351	-1.55678	0.749957	1.11645	1.11645	0.120052	1.78785	1.78785	0.0298901	0.414664	-2.41159	0.532681	1.24324	1.24324	0.801	0.916665	-1.09091	0.810488	1.08629	1.08629	0.361668	1.38133	1.38133	0.0539062	2.12536	2.12536	2.24871	4.22733	1.67102	1
cg15897613	LUZP1;LUZP1	0.133856	0.686489	0.911486	-1.09711	0.572753	1.13902	1.13902	0.584608	1.13438	1.13438	0.0691951	1.591	1.591	0.0674235	1.59689	1.59689	0.700504	1.09229	1.09229	0.508579	1.16553	1.16553	0.026785	0.549219	-1.82077	0.381862	0.814771	-1.22734	2.2487	1.85798	0.734439	1
cg10986412	TPPP	0.133856	0.520686	1.25208	1.25208	0.587989	1.20789	1.20789	0.780295	0.907959	-1.10137	0.622661	0.842597	-1.18681	0.0274112	0.406179	-2.46197	0.344266	0.714341	-1.39989	0.18339	0.614213	-1.6281	0.0125774	0.342462	-2.92003	0.957045	0.981573	-1.01877	2.2487	4.24643	1.67857	1
cg06286401	MAPK8IP3;MAPK8IP3	0.133856	0.11423	0.702525	-1.42344	0.364337	1.21114	1.21114	0.418935	1.18498	1.18498	0.421399	0.844689	-1.18387	0.443697	0.851732	-1.17408	0.153638	1.36881	1.36881	0.016135	1.83112	1.83112	0.349876	1.21866	1.21866	0.751782	0.936872	-1.06738	2.2487	1.50406	0.594543	1
cg20027157	PRH1;PRR4	0.133857	0.270066	0.6922	-1.44467	0.0124959	2.70593	2.70593	0.0429566	2.10889	2.10889	0.971962	1.01132	1.01132	0.530839	0.815979	-1.22552	0.55074	0.824175	-1.21333	0.68294	0.876733	-1.1406	0.936315	1.02593	1.02593	0.530303	1.22586	1.22586	2.24869	3.65447	1.44458	1
cg16954928	ZNF784	0.133858	0.875163	0.972502	-1.02828	0.937252	1.01406	1.01406	0.601753	0.910843	-1.09788	0.816279	0.959565	-1.04214	0.0584892	1.461	1.461	0.215985	0.79379	-1.25978	0.12753	0.746585	-1.33943	0.0337859	0.644294	-1.55209	0.179719	1.28752	1.28752	2.24869	1.12021	0.44281	1
cg22675956	SH3PXD2B	0.133859	0.0736936	0.521559	-1.91733	0.441638	1.29195	1.29195	0.521075	1.23658	1.23658	0.26569	1.46034	1.46034	0.0605252	0.501097	-1.99562	0.187064	0.633465	-1.57862	0.0786688	0.528554	-1.89195	0.110734	0.567019	-1.76361	0.54304	0.817915	-1.22262	2.24868	3.79604	1.50055	1
cg15056412	NECAB3;NECAB3	0.133861	0.163112	0.598554	-1.67069	0.0869791	1.91869	1.91869	0.0622107	2.06219	2.06219	0.861107	0.941409	-1.06224	0.288543	0.683959	-1.46207	0.321565	1.42342	1.42342	0.0666006	0.492067	-2.03224	0.944589	0.976321	-1.02425	0.523045	1.25002	1.25002	2.24866	4.23316	1.67336	1
cg15004405	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGB3;PCDH	0.133864	0.410967	0.591391	-1.69093	0.767065	1.20393	1.20393	0.3075	1.93476	1.93476	0.967728	0.97504	-1.0256	0.0446382	0.23683	-4.22244	0.255954	0.476688	-2.09781	0.0149049	0.154008	-6.49315	0.483702	1.56	1.56	0.270927	0.488646	-2.04647	2.24864	13.9014	5.49524	1
cg03807602	C2orf84	0.133866	0.135748	0.694188	-1.44053	0.119891	0.681763	-1.46679	0.100413	0.664577	-1.50472	0.415784	1.20784	1.20784	0.0301317	0.560485	-1.78417	0.333499	0.79734	-1.25417	0.0809189	0.644427	-1.55177	0.722835	0.922331	-1.08421	0.0544682	0.609345	-1.64111	2.24863	1.83568	0.72565	1
cg04972748	PRDM16;PRDM16	0.133866	0.401503	0.85532	-1.16915	0.171936	0.767474	-1.30298	0.01631	0.585965	-1.70659	0.373827	0.846921	-1.18075	0.74386	0.942072	-1.06149	0.441087	1.1537	1.1537	0.068854	1.44858	1.44858	0.298345	0.821849	-1.21677	0.557231	0.897591	-1.11409	2.24862	1.17967	0.466328	1
cg17095929	ZNHIT2;ZNHIT2	0.133867	0.0623685	0.426975	-2.34206	0.133872	0.51899	-1.92682	0.436409	0.724621	-1.38003	0.98556	1.00737	1.00737	0.00928471	0.262089	-3.8155	0.131554	0.516633	-1.93561	0.159916	0.543798	-1.83892	0.496312	0.755613	-1.32343	0.104968	0.487354	-2.05189	2.24862	5.86134	2.31702	1
cg00221012	FSCN2;FSCN2	0.133868	0.0456397	0.256846	-3.89338	0.090071	0.330197	-3.0285	0.124471	0.372851	-2.68204	0.0858764	0.324387	-3.08274	0.0442636	0.253966	-3.93753	0.140671	0.390637	-2.55992	0.0685587	0.298411	-3.35108	0.118205	0.365632	-2.73499	0.0828983	0.32016	-3.12344	2.2486	12.5285	4.95263	1
cg14516287	ASTN2;ASTN2;ASTN2	0.133869	0.547985	0.696951	-1.43482	0.0404352	4.07821	4.07821	0.594568	1.37578	1.37578	0.524827	0.682011	-1.46625	0.874679	1.09827	1.09827	0.354968	0.568295	-1.75965	0.0474116	0.260032	-3.84569	0.116023	2.75784	2.75784	0.243478	0.484438	-2.06425	2.2486	12.5603	4.96516	1
cg03765846	PPM1L	0.13387	0.356478	0.795581	-1.25694	0.270327	1.31883	1.31883	0.158175	1.43876	1.43876	0.225446	0.735681	-1.35928	0.00862338	0.445934	-2.24248	0.918	1.02514	1.02514	0.545414	0.862817	-1.15899	0.885507	1.03535	1.03535	0.906432	0.972046	-1.02876	2.24859	2.07049	0.818482	1
cg16478896	ADAT1	0.133871	0.00767775	0.619897	-1.61317	0.193947	1.21147	1.21147	0.242614	1.18611	1.18611	0.445273	0.897082	-1.11473	0.448543	0.897808	-1.11382	0.490978	1.10257	1.10257	0.607956	0.930325	-1.07489	0.884125	1.02056	1.02056	0.691399	1.05727	1.05727	2.24858	0.693796	0.274265	1
cg08798862	FAM38A	0.133873	0.414441	0.690579	-1.44806	0.057458	0.385364	-2.59495	0.5075	1.34769	1.34769	0.659045	1.21781	1.21781	0.00799766	0.221256	-4.51966	0.251924	0.58793	-1.70088	0.189365	0.539567	-1.85334	0.835886	0.912053	-1.09643	0.576852	0.778672	-1.28424	2.24857	7.01365	2.77259	1
cg13565157	PDE1B	0.133873	0.812322	1.10267	1.10267	0.00871577	3.94849	3.94849	0.721108	1.15869	1.15869	0.0796372	2.22406	2.22406	0.376666	0.688827	-1.45174	0.598814	1.24376	1.24376	0.451042	0.729398	-1.37099	0.698767	0.852327	-1.17326	0.186445	1.77803	1.77803	2.24856	6.01263	2.37688	1
cg19191560	LGR4	0.133877	0.0699579	0.125544	-7.96531	0.369213	0.388891	-2.57141	0.953427	1.06164	1.06164	0.15845	0.213538	-4.68301	0.0663159	0.121335	-8.24167	0.101596	0.159524	-6.26866	0.0423263	0.0911809	-10.9672	0.0425675	0.0915112	-10.9276	0.0796619	0.136416	-7.33052	2.24854	37.3498	14.7651	1
cg25962210	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF	0.133877	0.128453	1.35779	1.35779	0.00647902	1.93244	1.93244	0.892862	0.97523	-1.0254	0.993804	1.00145	1.00145	0.235594	1.26032	1.26032	0.727389	1.06731	1.06731	0.648336	0.918082	-1.08923	0.537567	0.890305	-1.12321	0.14778	1.33516	1.33516	2.24853	1.23381	0.487747	1
cg03404143	LBX1	0.133881	0.181157	1.52013	1.52013	0.105003	0.592986	-1.68638	0.673313	1.13325	1.13325	0.535983	0.831201	-1.20308	0.540655	1.20047	1.20047	0.213924	0.679748	-1.47113	0.208857	0.676515	-1.47816	0.0225851	2.23792	2.23792	0.768508	1.09097	1.09097	2.2485	3.099	1.22511	1
cg11861406	SKA3;SKA3;MRP63	0.133884	?	?	?	0.834767	0.905115	-1.10483	0.489019	0.715006	-1.39859	0.145547	0.474311	-2.10832	0.991885	1.00487	1.00487	0.949981	0.970501	-1.0304	0.0152573	0.241228	-4.14545	0.23963	0.555597	-1.79987	0.0244651	0.278218	-3.59431	2.26848	7.27515	3.20705	1
cg03540622	ZBTB47	0.133885	0.298103	0.547623	-1.82608	0.220761	0.487385	-2.05176	0.0764404	0.332748	-3.00527	0.459082	0.656475	-1.52329	0.0128344	0.17812	-5.6142	0.0296721	0.239539	-4.17468	0.468038	0.662174	-1.51018	0.662524	1.27784	1.27784	0.302613	0.550915	-1.81516	2.24847	11.0996	4.38801	1
cg27116046	KIAA0430	0.133885	0.729441	1.07321	1.07321	0.0296492	1.68369	1.68369	0.566602	0.888802	-1.12511	0.569348	0.889559	-1.12415	0.180142	0.748519	-1.33597	0.165674	0.740176	-1.35103	0.193582	1.32305	1.32305	0.0975563	1.44767	1.44767	0.369993	1.20605	1.20605	2.24847	1.47473	0.583005	1
cg00915609	NEURL3	0.133886	0.669685	0.882407	-1.13326	0.0377747	2.01854	2.01854	0.0993	1.6934	1.6934	0.162323	0.647315	-1.54484	0.450196	0.799067	-1.25146	0.390728	0.77384	-1.29226	0.0645801	1.8317	1.8317	0.495641	1.22348	1.22348	0.831009	0.939597	-1.06429	2.24846	3.02666	1.19653	1
cg17533575	IDO2	0.133887	0.175111	0.403841	-2.47622	0.0163914	0.158094	-6.32533	0.065851	0.273148	-3.66102	0.619614	0.730049	-1.36977	0.0879454	0.306025	-3.26771	0.172983	0.401802	-2.48879	0.0454914	0.236398	-4.23016	0.145921	0.374719	-2.66867	0.794897	0.848907	-1.17799	2.24846	14.0788	5.56582	1
cg03309232	HBM	0.133889	0.108765	0.214674	-4.65823	0.129634	4.22168	4.22168	0.388762	2.17484	2.17484	0.296099	0.385589	-2.59343	0.0718547	0.170733	-5.85709	0.0960501	0.200342	-4.99146	0.0811788	0.182572	-5.4773	0.73578	1.34705	1.34705	0.980707	1.0215	1.0215	2.24845	27.5529	10.8926	1
cg04502620	DOC2A	0.133894	0.536366	1.45439	1.45439	0.00398299	10.1347	10.1347	0.0935476	3.01446	3.01446	0.339763	1.80152	1.80152	0.410715	1.65413	1.65413	0.358539	1.75917	1.75917	0.45114	1.58299	1.58299	0.119659	2.74611	2.74611	0.818968	1.147	1.147	2.2484	12.7454	5.03882	1
cg11464160	PLEKHB2;PLEKHB2	0.133895	0.204121	0.663426	-1.50733	0.0503794	0.505151	-1.97961	0.115043	0.591754	-1.68989	0.478409	0.801989	-1.2469	0.0492253	0.50293	-1.98835	0.342385	0.741175	-1.34921	0.0938143	0.568836	-1.75798	0.316084	1.3735	1.3735	0.0560591	0.515517	-1.9398	2.24839	3.33829	1.31977	1
cg21621910	MAP4K4;MAP4K4;MAP4K4	0.133896	0.206264	0.841631	-1.18817	0.517708	1.08852	1.08852	0.216758	1.18304	1.18304	0.0985821	0.79116	-1.26397	0.099265	1.26326	1.26326	0.550228	0.924806	-1.08131	0.0627854	1.31096	1.31096	0.194529	0.837375	-1.19421	0.759697	1.04047	1.04047	2.24839	0.595578	0.235459	1
cg11130097	C10orf75	0.133896	0.0635485	0.473418	-2.1123	0.114555	0.540523	-1.85006	0.0609284	0.468995	-2.13222	0.27532	0.665763	-1.50204	0.01857	0.359459	-2.78196	0.0484285	0.445619	-2.24407	0.288668	0.673791	-1.48414	0.76774	0.89928	-1.112	0.187492	0.606087	-1.64993	2.24839	4.5756	1.80894	1
cg09650907	FAM104A;FAM104A	0.133898	0.0576462	0.270216	-3.70074	0.147824	0.388107	-2.57661	0.0145093	0.159503	-6.26949	0.119525	0.357116	-2.80021	0.0644197	0.281837	-3.54815	0.196648	0.435118	-2.29823	0.110972	0.346983	-2.88198	0.712104	0.797765	-1.2535	0.196336	0.434837	-2.29971	2.24837	13.2311	5.23089	1
cg13160058	BNIP3L	0.133902	0.135533	0.431138	-2.31944	0.433014	1.51957	1.51957	0.406639	1.55885	1.55885	0.593311	0.754345	-1.32565	0.331744	0.59233	-1.68825	0.480221	0.687088	-1.45542	0.0431653	0.296237	-3.37567	0.03592	3.58345	3.58345	0.533082	0.718813	-1.39118	2.24835	9.7388	3.85026	1
cg06377964	GLT1D1	0.133904	0.0508792	0.22187	-4.50714	0.017232	0.140254	-7.12994	0.100679	0.296066	-3.37763	0.809419	0.849115	-1.1777	0.037569	0.195306	-5.12017	0.272051	0.461193	-2.16829	0.116045	0.314667	-3.17796	0.603054	0.701074	-1.42638	0.448134	0.592559	-1.6876	2.24833	16.3172	6.4511	1
cg14675896	CATSPERG	0.133904	0.223618	1.33037	1.33037	0.690222	0.914442	-1.09356	0.165932	0.719029	-1.39076	0.78266	1.06368	1.06368	0.19129	0.734259	-1.36192	0.490814	1.16912	1.16912	0.042537	0.593682	-1.6844	0.185751	0.731065	-1.36787	0.0340229	0.575556	-1.73745	2.24833	1.77491	0.701722	1
cg04563863	SBNO2	0.133904	0.0315228	0.314325	-3.18142	0.687765	0.83077	-1.2037	0.591882	0.780085	-1.28191	0.609083	0.789232	-1.26705	0.0744257	0.401662	-2.48966	0.0577126	0.37351	-2.6773	0.385118	1.50475	1.50475	0.139437	2.07484	2.07484	0.646428	0.808992	-1.23611	2.24833	7.49915	2.96483	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24448952	PAXIP1;LOC202781	0.133904	0.330736	0.525397	-1.90332	0.615772	0.722896	-1.38333	0.719359	1.26035	1.26035	0.523747	0.660757	-1.51341	0.0200118	0.165285	-6.05015	0.948666	1.04215	1.04215	0.0676554	3.71647	3.71647	0.0999463	3.17731	3.17731	0.999286	0.999427	-1.00057	2.24832	14.6439	5.78957	1
cg04436994	HLX	0.133908	0.174989	2.24592	2.24592	0.202709	2.12616	2.12616	0.360686	1.69396	1.69396	0.630736	1.31214	1.31214	0.0371383	0.257363	-3.88556	0.440971	1.55387	1.55387	0.027371	4.32328	4.32328	0.310122	1.80234	1.80234	0.689883	1.25228	1.25228	2.2483	11.2026	4.42908	1
cg11586591	SORL1	0.133908	0.204379	1.44493	1.44493	0.0314361	2.00072	2.00072	0.0657009	1.76398	1.76398	0.60369	1.15479	1.15479	0.666934	1.12635	1.12635	0.421609	1.25308	1.25308	0.052627	0.545816	-1.83212	0.542444	1.18464	1.18464	0.290727	1.35162	1.35162	2.24829	2.68907	1.06316	1
cg22155325	SACS	0.133909	0.0417856	0.750624	-1.33223	0.63337	0.942948	-1.0605	0.0806264	0.789097	-1.26727	0.7662	0.964204	-1.03713	0.0247441	0.721226	-1.38653	0.0619179	0.773376	-1.29303	0.567755	1.07315	1.07315	0.860876	0.978784	-1.02168	0.161438	0.832929	-1.20058	2.24829	0.532124	0.210382	1
cg07084709	GCOM1;GCOM1;GCOM1;GCOM1	0.133913	0.950107	0.984436	-1.01581	0.492528	1.19092	1.19092	0.114286	0.650106	-1.53821	0.249707	0.739658	-1.35198	0.0310185	1.8865	1.8865	0.971006	0.99093	-1.00915	0.0547587	1.72658	1.72658	0.860669	0.956913	-1.04503	0.212932	1.38935	1.38935	2.24826	2.23768	0.884706	1
cg10717290	KCND2	0.133913	0.239554	0.762252	-1.3119	0.0898817	1.50999	1.50999	0.483057	0.85459	-1.17015	0.0217568	0.544916	-1.83514	0.120913	0.690223	-1.44881	0.447444	1.18611	1.18611	0.823221	1.05056	1.05056	0.66255	1.10163	1.10163	0.439667	1.18973	1.18973	2.24826	1.73019	0.684061	1
cg24885650	CUGBP2;CUGBP2	0.133914	0.0508741	0.155755	-6.42032	0.0520459	0.157608	-6.34487	0.140216	0.26538	-3.76818	0.282458	0.393105	-2.54385	0.833391	1.19255	1.19255	0.294697	0.403118	-2.48066	0.0862332	0.205029	-4.87735	0.212682	2.99591	2.99591	0.120067	0.244204	-4.09493	2.24825	24.8845	9.83854	1
cg18708412	DGCR14;TSSK2	0.133914	0.0922165	0.334542	-2.98917	0.0326394	0.228291	-4.38037	0.115415	0.363789	-2.74885	0.33952	0.559003	-1.7889	0.0250198	0.206942	-4.83228	0.270703	0.50787	-1.96901	0.0762058	0.31174	-3.2078	0.0907825	0.3326	-3.00661	0.148428	0.400199	-2.49876	2.24825	12.4288	4.91399	1
cg10145585	CHST12	0.133915	0.591823	1.08819	1.08819	0.189283	1.2425	1.2425	0.967536	0.993665	-1.00637	0.159933	1.26421	1.26421	0.278238	1.19249	1.19249	0.204214	0.811226	-1.2327	0.0290906	0.669251	-1.49421	0.510759	0.901084	-1.10977	0.132579	1.2884	1.2884	2.24824	0.8681	0.343221	1
cg11214140	SOX17	0.133916	0.417939	1.23674	1.23674	0.121639	1.53841	1.53841	0.429033	1.23028	1.23028	0.0650844	1.70178	1.70178	0.0158922	2.13422	2.13422	0.510471	0.842522	-1.18691	0.561092	1.16283	1.16283	0.0408492	1.833	1.833	0.879914	1.03957	1.03957	2.24823	2.34624	0.927641	1
cg08647349	CAMTA1	0.133918	0.0212672	0.0431984	-23.149	0.0205885	0.0422068	-23.6929	0.0254364	0.0490839	-20.3733	0.62239	0.569312	-1.75651	0.490624	0.45176	-2.21357	0.323697	0.314511	-3.17954	0.432103	0.402573	-2.48402	0.362109	0.34539	-2.89527	0.395245	0.372279	-2.68616	2.24822	45.8584	18.1313	1
cg05713735	PPP3CC	0.133919	0.156775	1.52742	1.52742	0.483511	1.22037	1.22037	0.356522	1.30373	1.30373	0.480399	1.22216	1.22216	0.00835267	0.389609	-2.56668	0.687094	0.892927	-1.11991	0.304927	0.742948	-1.34599	0.635962	1.14266	1.14266	0.888935	1.03985	1.03985	2.24821	2.78517	1.10119	1
cg21232935	COBL	0.133919	0.060195	0.468161	-2.13602	0.842706	0.93134	-1.07372	0.161838	0.585778	-1.70713	0.0369411	0.419984	-2.38104	0.0378482	0.422259	-2.36821	0.35101	0.709168	-1.4101	0.87949	1.05582	1.05582	0.221906	1.5835	1.5835	0.682959	0.863274	-1.15838	2.24821	4.56418	1.80457	1
cg23715582	LAD1	0.133921	0.126189	3.44281	3.44281	0.526005	1.61624	1.61624	0.986197	1.01301	1.01301	0.551644	1.56831	1.56831	0.156725	3.1012	3.1012	0.056861	5.00454	5.00454	0.0296536	6.77226	6.77226	0.0223721	7.72766	7.72766	0.120348	3.52158	3.52158	2.2482	19.8788	7.85964	1
cg09792696	WDTC1	0.133921	0.620133	1.11689	1.11689	0.0252479	1.80158	1.80158	0.0654457	1.58009	1.58009	0.465696	1.17851	1.17851	0.698214	0.917408	-1.09003	0.09355	1.50389	1.50389	0.0298785	1.76006	1.76006	0.150407	1.40641	1.40641	0.910188	1.02528	1.02528	2.2482	1.74289	0.689103	1
cg02360337	MUS81;CFL1	0.133923	0.186611	0.841585	-1.18823	0.636299	1.06044	1.06044	0.8062	0.970174	-1.03074	0.520356	1.08358	1.08358	0.0586219	1.30104	1.30104	0.840833	1.02508	1.02508	0.438539	1.10223	1.10223	0.429606	1.10443	1.10443	0.00888925	1.50703	1.50703	2.24818	0.540349	0.213644	1
cg19132372	GPR1;GPR1	0.133924	0.84854	1.02557	1.02557	0.0634532	1.31736	1.31736	0.226455	0.845584	-1.18261	0.14054	1.23291	1.23291	0.54037	0.921401	-1.0853	0.348353	1.136	1.136	0.0467316	1.35084	1.35084	0.710998	0.952037	-1.05038	0.138995	0.810325	-1.23407	2.24817	0.62104	0.245548	1
cg25720578	RYR1;RYR1	0.133924	0.62129	1.13003	1.13003	0.03859	0.555346	-1.80068	0.723136	0.916383	-1.09125	0.0365824	0.550835	-1.81543	0.193177	1.40219	1.40219	0.523703	0.853307	-1.17191	0.221045	0.729206	-1.37136	0.429752	1.2188	1.2188	0.143092	0.679545	-1.47157	2.24817	2.14567	0.848364	1
cg01456030	PTPLB	0.133926	0.185466	0.436231	-2.29237	0.0115628	0.154791	-6.46031	0.0247011	0.205948	-4.8556	0.91504	0.938896	-1.06508	0.175937	0.427335	-2.34009	0.2306	0.475658	-2.10235	0.423446	0.616905	-1.62099	0.595645	0.728738	-1.37224	0.710411	1.24653	1.24653	2.24816	12.4293	4.91437	1
cg26928467	SOLH;C16orf10	0.133929	0.104475	0.769258	-1.29995	0.803748	0.963865	-1.03749	0.898947	0.981395	-1.01896	0.68462	0.941424	-1.06222	0.991434	1.00159	1.00159	0.660038	0.936665	-1.06762	0.929467	0.986999	-1.01317	0.00663537	0.59404	-1.68339	0.141724	1.26307	1.26307	2.24814	0.777978	0.307604	1
cg03401875	ADAMTS2;ADAMTS2	0.133929	0.226024	0.635889	-1.5726	0.978311	1.00973	1.00973	0.611226	0.833137	-1.20028	0.435836	0.753434	-1.32726	0.00248102	0.223639	-4.47149	0.837994	0.929688	-1.07563	0.484639	0.77654	-1.28776	0.569295	0.814791	-1.22731	0.511102	0.78871	-1.26789	2.24813	4.51541	1.78535	1
cg04351272	LCLAT1;LCLAT1	0.133929	0.940329	1.04601	1.04601	0.387624	1.70251	1.70251	0.0713999	3.35326	3.35326	0.465232	0.639806	-1.56297	0.64648	0.757671	-1.31983	0.926085	0.945768	-1.05734	0.0124033	0.15409	-6.48971	0.399746	1.67866	1.67866	0.316911	1.86212	1.86212	2.24813	12.8566	5.08336	1
cg16372054	WNT5B;WNT5B	0.133933	0.191393	0.784833	-1.27416	0.00908211	1.78729	1.78729	0.317519	1.1984	1.1984	0.810323	1.04302	1.04302	0.183008	1.28081	1.28081	0.570447	1.10566	1.10566	0.42695	0.867552	-1.15267	0.419013	0.865335	-1.15562	0.844107	0.966102	-1.03509	2.2481	1.09241	0.431936	1
cg27108600	PPP1CA;PPP1CA;PPP1CA	0.13394	0.108652	0.739644	-1.352	0.182718	0.783723	-1.27596	0.327216	1.19043	1.19043	0.783195	0.953574	-1.04869	0.0618143	0.695935	-1.43692	0.605039	0.914008	-1.09408	0.227785	1.24383	1.24383	0.289751	1.2085	1.2085	0.0905692	1.37903	1.37903	2.24805	1.05759	0.418175	1
cg02575448	PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA2;PCDHGB2	0.133942	0.200075	4.15265	4.15265	0.32685	2.89993	2.89993	0.0820529	7.58745	7.58745	0.401855	2.46568	2.46568	0.83034	0.797963	-1.25319	0.569493	0.546263	-1.83062	0.0734707	8.15898	8.15898	0.0155487	22.6699	22.6699	0.0842491	7.45657	7.45657	2.24803	39.3899	15.5751	1
cg24993400	SELO	0.133943	0.0897287	2.08957	2.08957	0.499815	1.30978	1.30978	0.0470208	2.44877	2.44877	0.472002	1.33406	1.33406	0.594545	0.809247	-1.23572	0.903807	1.04878	1.04878	0.529398	1.28534	1.28534	0.00868434	3.73487	3.73487	0.244415	1.61569	1.61569	2.24802	5.52627	2.18514	1
cg17594004	ODZ3	0.133945	0.869342	1.05231	1.05231	0.653699	1.15013	1.15013	0.57518	1.1917	1.1917	0.239674	0.682934	-1.46427	0.0724116	0.537435	-1.86069	0.399086	1.30656	1.30656	0.0568842	1.9493	1.9493	0.155362	1.60149	1.60149	0.0959765	0.567636	-1.76169	2.24801	3.41572	1.35062	1
cg24150333	ADAMTS17	0.133946	0.561011	1.1055	1.1055	0.284522	0.82721	-1.20888	0.0321951	1.5343	1.5343	0.775545	0.952392	-1.04999	0.105122	0.739225	-1.35277	0.591116	0.911615	-1.09695	0.0788348	1.39517	1.39517	0.434558	0.872801	-1.14574	0.274268	0.823566	-1.21423	2.248	1.03661	0.409889	1
cg18220921	PLD5	0.133946	0.446478	1.1105	1.1105	0.852486	1.02546	1.02546	0.437633	1.11287	1.11287	0.517348	0.915157	-1.09271	0.109649	1.26562	1.26562	0.268632	1.16838	1.16838	0.0451777	0.733163	-1.36395	0.749035	0.957574	-1.04431	0.0300195	1.41163	1.41163	2.248	0.649509	0.256825	1
cg08745665	ZNF518B	0.133952	0.252053	1.55	1.55	0.249281	1.55435	1.55435	0.239416	1.57027	1.57027	0.142607	1.78112	1.78112	0.16832	1.71211	1.71211	0.0600769	2.17469	2.17469	0.0225194	2.72066	2.72066	0.0202034	2.78972	2.78972	0.80672	1.09394	1.09394	2.24795	4.77651	1.88873	1
cg15149876	ZNF572	0.133953	0.121387	1.4759	1.4759	0.415861	1.21259	1.21259	0.309858	0.783814	-1.27581	0.0953995	1.52906	1.52906	0.107894	1.50176	1.50176	0.187283	1.38259	1.38259	0.665176	1.1062	1.1062	0.0672079	0.621599	-1.60876	0.442325	0.833952	-1.19911	2.24795	1.91285	0.756386	1
cg24631579	HLA-DQA1	0.133956	0.431469	0.532624	-1.8775	0.635304	1.45477	1.45477	0.302268	0.43238	-2.31278	0.0926704	0.234172	-4.27036	0.133721	0.281119	-3.55721	0.890982	0.897993	-1.11359	0.0434929	0.161783	-6.18112	0.0193729	0.108784	-9.1925	0.46333	1.7962	1.7962	2.24792	21.9152	8.66585	1
cg18654183	ETFA;TYRO3P;ETFA	0.133958	0.518167	0.896091	-1.11596	0.24931	1.22342	1.22342	0.577347	1.09887	1.09887	0.160221	1.28566	1.28566	0.172195	1.27553	1.27553	0.0250771	1.56254	1.56254	0.0348699	1.50957	1.50957	0.286264	0.830719	-1.20378	0.555599	1.10499	1.10499	2.24791	0.998572	0.394865	1
cg03576425	CYC1	0.133958	0.0372014	0.343285	-2.91303	0.053531	0.37936	-2.63602	0.439759	0.705878	-1.41668	0.922661	0.957983	-1.04386	0.0167522	0.27509	-3.63517	0.807907	0.89792	-1.11369	0.283181	0.610846	-1.63707	0.118092	0.472311	-2.11725	0.132377	0.487806	-2.05	2.24791	6.95677	2.75091	1
cg05153347	FBXW11;FBXW11;FBXW11	0.133958	0.305774	1.09982	1.09982	0.00422667	1.41011	1.41011	0.948973	0.994274	-1.00576	0.837263	1.01863	1.01863	0.565234	1.05355	1.05355	0.695477	1.03593	1.03593	0.40178	0.925889	-1.08004	0.489313	1.06505	1.06505	0.131544	1.15728	1.15728	2.2479	0.286645	0.113348	1
cg04142296	PLEKHA2	0.133959	0.837084	0.944613	-1.05863	0.40276	1.2674	1.2674	0.241774	1.40364	1.40364	0.557685	0.848667	-1.17832	0.320938	0.752921	-1.32816	0.387617	1.2777	1.2777	0.61581	1.15029	1.15029	0.0220302	2.13835	2.13835	0.048228	0.535403	-1.86775	2.2479	2.72659	1.07818	1
cg16993043	NR5A2;NR5A2	0.13396	0.458314	2.13198	2.13198	0.28956	0.332206	-3.01018	0.727882	0.704569	-1.41931	0.53498	1.87735	1.87735	0.11117	5.69516	5.69516	0.394026	0.416779	-2.39935	0.0896428	0.153234	-6.52598	0.0215545	15.9097	15.9097	0.843121	0.819852	-1.21973	2.24789	35.7775	14.1476	1
cg12353788	CHD3;CHD3;CHD3	0.133962	0.0929212	0.31691	-3.15547	0.896005	0.921925	-1.08469	0.831711	0.87609	-1.14144	0.319171	1.8964	1.8964	0.0863174	0.307919	-3.24761	0.589595	0.712818	-1.40288	0.0438757	0.236973	-4.21989	0.0220628	0.181476	-5.51038	0.351133	0.550722	-1.8158	2.24787	13.7571	5.44002	1
cg14486106	AMZ1	0.133963	0.390686	0.553509	-1.80666	0.00772858	0.0918666	-10.8854	0.0516982	0.220008	-4.54529	0.65733	1.34907	1.34907	0.334034	0.51134	-1.95565	0.330073	0.508321	-1.96726	0.497809	0.629896	-1.58756	0.14185	0.342962	-2.91577	0.795241	1.19041	1.19041	2.37118	16.503	5.41319	1
cg21282290	DGAT1	0.133964	0.0303897	0.561454	-1.78109	0.276829	1.29248	1.29248	0.0705955	1.58143	1.58143	0.695435	1.09335	1.09335	0.119743	0.681876	-1.46654	0.295634	0.78192	-1.2789	0.664786	0.905841	-1.10395	0.611373	1.12326	1.12326	0.322593	0.793132	-1.26082	2.24786	1.83177	0.724349	1
cg00596521	CIR1;SCRN3	0.133965	0.264177	1.17502	1.17502	0.108774	0.784747	-1.2743	0.571759	1.08241	1.08241	0.720625	1.05102	1.05102	0.225864	0.838415	-1.19273	0.0455158	1.37412	1.37412	0.0447296	0.726647	-1.37618	0.918299	1.01432	1.01432	0.736228	0.954229	-1.04797	2.24785	0.683674	0.270352	1
cg23369564	PLEKHO1	0.133966	0.0635062	0.142356	-7.02463	0.688965	0.68666	-1.45633	0.676997	0.676109	-1.47905	0.185981	0.269781	-3.7067	0.102853	0.188748	-5.29808	0.227326	0.306009	-3.26787	0.00903969	0.0450358	-22.2046	0.0872196	0.171303	-5.83761	0.19617	0.278878	-3.5858	2.24785	31.077	12.2891	1
cg23721425	CKAP2;CKAP2	0.133971	0.501653	1.20076	1.20076	0.501731	0.832835	-1.20072	0.0422183	0.533756	-1.87352	0.162294	0.670141	-1.49222	0.569204	1.16689	1.16689	0.186392	1.45617	1.45617	0.860975	0.954059	-1.04815	0.964001	1.01218	1.01218	0.0231345	0.482608	-2.07207	2.24781	2.56239	1.01329	1
cg05130679	AMOTL1	0.133971	0.377811	0.582472	-1.71682	0.152965	0.400863	-2.49461	0.905448	0.931488	-1.07355	0.745508	0.823236	-1.21472	0.0241855	0.200838	-4.97913	0.114976	0.35927	-2.78342	0.0171005	0.176217	-5.67482	0.175945	0.423403	-2.36181	0.106826	0.349396	-2.86208	2.24781	12.6996	5.02202	1
cg03407996	MIR103-1;MIR103-1AS;PANK3	0.133971	0.175889	0.523834	-1.909	0.0960941	0.439973	-2.27287	0.0645299	0.393392	-2.54199	0.171304	1.92397	1.92397	0.871832	0.930029	-1.07524	0.507924	0.739506	-1.35225	0.192579	0.538161	-1.85818	0.0896052	2.31822	2.31822	0.671973	1.21089	1.21089	2.2478	7.18599	2.84169	1
cg06586923	CIT;CIT	0.133974	0.0317972	1.492	1.492	0.341177	1.16877	1.16877	0.55564	1.09941	1.09941	0.12982	1.29717	1.29717	0.922691	0.984685	-1.01555	0.379589	0.866481	-1.15409	0.725257	1.05771	1.05771	0.958607	0.991782	-1.00829	0.0130538	1.63169	1.63169	2.24778	0.899976	0.355896	1
cg12704098	ARHGEF3	0.133975	0.393689	0.765766	-1.30588	0.446098	0.788804	-1.26774	0.289989	1.39859	1.39859	0.0873396	0.561829	-1.7799	0.291715	0.715926	-1.39679	0.522853	0.820526	-1.21873	0.274844	1.41487	1.41487	0.514975	0.817358	-1.22345	0.0107312	0.375554	-2.66274	2.24778	3.32164	1.31355	1
cg16660717	SARNP;SARNP;ORMDL2;SARNP	0.13398	0.259072	0.795505	-1.25706	0.0643849	1.49742	1.49742	0.369137	1.19628	1.19628	0.0689867	0.673416	-1.48497	0.8174	0.956057	-1.04596	0.586873	1.11249	1.11249	0.0332627	0.616623	-1.62174	0.902958	1.02398	1.02398	0.794249	1.05209	1.05209	2.24773	1.34396	0.531482	1
cg20067142	ACOT2	0.13398	0.401155	0.836084	-1.19605	0.150261	0.725227	-1.37888	0.127552	0.709447	-1.40955	0.294458	1.25424	1.25424	0.0952223	0.682554	-1.46509	0.0481101	0.624616	-1.60098	0.167548	1.35863	1.35863	0.399415	0.835504	-1.19688	0.47297	1.16424	1.16424	2.24773	1.54507	0.611015	1
cg18570646	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.133982	0.19647	1.23992	1.23992	0.0789748	1.35952	1.35952	0.757722	1.04993	1.04993	0.547193	1.10067	1.10067	0.24279	0.824922	-1.21224	0.0556605	0.710747	-1.40697	0.0845695	0.740535	-1.35038	0.256055	0.829711	-1.20524	0.773556	0.955592	-1.04647	2.24772	0.882587	0.34903	1
cg04732193	HSD11B1	0.133982	0.962385	0.989383	-1.01073	0.867388	1.03855	1.03855	0.018616	0.524325	-1.90722	0.954645	1.01296	1.01296	0.240486	0.757198	-1.32066	0.420814	0.830164	-1.20458	0.0394374	1.71465	1.71465	0.914159	1.0247	1.0247	0.303831	1.27256	1.27256	2.24772	1.82348	0.721116	1
cg27220062	RASGRP1;RASGRP1	0.133983	0.0442508	0.213398	-4.68607	0.900869	0.920081	-1.08686	0.437244	1.69839	1.69839	0.925295	1.06469	1.06469	0.145169	0.351457	-2.84529	0.163814	0.370415	-2.69968	0.0172759	0.143928	-6.94791	0.551004	1.49662	1.49662	0.282191	0.473807	-2.11056	2.24772	15.9037	6.28934	1
cg14003039	VARS	0.133986	0.0762223	0.59367	-1.68444	0.785958	1.0746	1.0746	0.238313	1.38607	1.38607	0.242621	1.38156	1.38156	0.194617	0.695819	-1.43715	0.813367	0.939402	-1.06451	0.274617	0.740482	-1.35047	0.0399209	1.87335	1.87335	0.277274	0.741809	-1.34806	2.24769	2.48708	0.983557	1
cg09721516	LMF1	0.133986	0.573675	0.714436	-1.3997	0.399747	0.599964	-1.66677	0.274965	0.509242	-1.9637	0.0236816	0.193855	-5.15849	0.0408691	0.240321	-4.16111	0.798579	0.859798	-1.16306	0.394374	0.596272	-1.67709	0.233312	2.10299	2.10299	0.22035	2.15296	2.15296	2.37098	12.8197	4.20539	1
cg20476801	MED23;MED23	0.133989	0.0098204	0.454171	-2.20181	0.646095	1.1183	1.1183	0.641511	1.12006	1.12006	0.30165	0.771999	-1.29534	0.147517	0.686744	-1.45615	0.397862	0.811131	-1.23285	0.0633209	0.603517	-1.65696	0.842992	0.953178	-1.04912	0.528909	1.16679	1.16679	2.24767	2.08156	0.823197	1
cg00348244	KRTAP2-4	0.133989	0.45511	0.86401	-1.15739	0.11451	0.719067	-1.39069	0.126334	0.727778	-1.37404	0.768524	1.05834	1.05834	0.478463	1.14849	1.14849	0.218697	1.28218	1.28218	0.0304521	1.63016	1.63016	0.173754	0.757257	-1.32056	0.825045	0.958354	-1.04346	2.24767	1.3141	0.519689	1
cg20759047	CABLES1;CABLES1;CABLES1	0.133991	0.11967	0.437304	-2.28674	0.0842176	0.392266	-2.54929	0.0713324	0.372823	-2.68224	0.740224	1.17703	1.17703	0.0984324	0.411562	-2.42977	0.256887	0.560079	-1.78546	0.0358325	0.302313	-3.30783	0.0377496	0.307153	-3.25571	0.676864	0.814397	-1.2279	2.24765	8.54245	3.37833	1
cg17418407	FEZ1	0.133993	0.0409495	0.842607	-1.18679	0.737618	0.975888	-1.02471	0.450183	0.945675	-1.05745	0.127873	0.887367	-1.12693	0.00704771	0.776586	-1.28769	0.674474	0.969799	-1.03114	0.301555	0.925241	-1.0808	0.734439	1.02503	1.02503	0.849719	0.986324	-1.01387	2.24764	0.187595	0.0741897	1
cg11005091	HNRNPA1;HNRNPA1L-2;HNRNPA1;CBX5	0.133998	0.342859	1.21212	1.21212	0.0703034	1.48924	1.48924	0.0553889	1.53337	1.53337	0.387843	1.19033	1.19033	0.984591	1.00381	1.00381	0.778093	1.05719	1.05719	0.0303293	0.605815	-1.65067	0.702251	0.927177	-1.07854	0.584145	0.896903	-1.11495	2.2476	1.37941	0.545535	1
cg09171093	SGIP1	0.134	0.154452	0.760629	-1.3147	0.888512	0.975135	-1.0255	0.426589	1.15688	1.15688	0.272687	1.22745	1.22745	0.246448	0.804472	-1.24305	0.576754	1.10652	1.10652	0.00955496	1.80241	1.80241	0.413596	1.16188	1.16188	0.406999	1.16447	1.16447	2.24758	1.14701	0.453628	1
cg02387639	USP13	0.134	0.104634	0.206202	-4.84962	0.43804	0.494527	-2.02214	0.92539	1.08695	1.08695	0.390718	0.457093	-2.18774	0.104932	0.206532	-4.84187	0.0901277	0.189639	-5.27317	0.0186307	0.078949	-12.6664	0.039922	0.120753	-8.28139	0.115983	0.218547	-4.57566	2.24758	28.2064	11.1553	1
cg16330611	ZW10	0.134002	0.445389	0.880352	-1.13591	0.686207	1.0688	1.0688	0.191529	1.25421	1.25421	0.593494	0.915523	-1.09227	0.0496784	0.692955	-1.44309	0.096623	0.741711	-1.34823	0.0695641	0.717128	-1.39445	0.153972	0.778784	-1.28405	0.267437	1.20834	1.20834	2.24757	0.955223	0.37778	1
cg11870956	NRM;KIAA1949	0.134003	0.428473	0.769996	-1.29871	0.711746	0.886915	-1.1275	0.331389	0.723223	-1.3827	0.774668	1.09725	1.09725	0.137257	0.595986	-1.67789	0.0417711	0.468236	-2.13567	0.0146026	0.378174	-2.64429	0.264715	1.45624	1.45624	0.355002	0.73517	-1.36023	2.24756	3.72147	1.47181	1
cg20205061	MSL3;MSL3;MSL3;MSL3	0.134004	0.528846	0.769623	-1.29934	0.912379	0.95583	-1.04621	0.0210544	0.320182	-3.12322	0.515888	0.763098	-1.31045	0.0223192	0.325049	-3.07646	0.335129	1.50371	1.50371	0.997768	1.00115	1.00115	0.44536	1.37615	1.37615	0.204294	0.577068	-1.7329	2.24755	5.99582	2.3713	1
cg25399000	SC4MOL;SC4MOL;SC4MOL;SC4MOL	0.134005	0.69695	1.06119	1.06119	0.799618	1.03936	1.03936	0.9568	0.991813	-1.00825	0.0974335	1.31785	1.31785	0.690973	1.06251	1.06251	0.176059	1.24396	1.24396	0.00941232	0.606806	-1.64797	0.932131	0.987157	-1.01301	0.426618	1.1311	1.1311	2.24754	0.819765	0.324212	1
cg06431611	MAGEB6	0.134006	0.257566	0.645623	-1.54889	0.0577341	0.451751	-2.21361	0.210858	0.613719	-1.62941	0.249665	1.56133	1.56133	0.0219512	0.361357	-2.76735	0.799004	1.0991	1.0991	0.222065	1.60841	1.60841	0.733506	0.881125	-1.13491	0.759983	0.892726	-1.12016	2.24753	4.88169	1.93068	1
cg01752322	ORAOV1	0.134006	0.696249	0.920531	-1.08633	0.010346	1.97728	1.97728	0.797118	0.947078	-1.05588	0.283806	0.790557	-1.26493	0.294855	0.795093	-1.25771	0.971056	0.992371	-1.00769	0.0945679	1.47378	1.47378	0.487396	0.861641	-1.16058	0.532217	1.14286	1.14286	2.24753	1.58568	0.627129	1
cg19844233	CREBZF;CREBZF;CREBZF;CREBZF;CREBZF	0.13401	0.0796948	0.51018	-1.96009	0.0126803	2.92132	2.92132	0.476106	1.28496	1.28496	0.326953	0.70456	-1.41932	0.365263	0.724769	-1.37975	0.500882	0.789457	-1.26669	0.912393	1.03882	1.03882	0.745441	0.893398	-1.11932	0.406118	1.3419	1.3419	2.24751	4.2621	1.68566	1
cg05841967	NAA38	0.13401	0.120955	0.542534	-1.8432	0.975717	1.01113	1.01113	0.469547	1.30676	1.30676	0.0166118	0.345191	-2.89695	0.131819	0.553503	-1.80668	0.178373	1.68196	1.68196	0.395571	0.728781	-1.37215	0.272767	0.660293	-1.51448	0.274233	0.661198	-1.51241	2.2475	4.70676	1.86153	1
cg12082871	RELL2;RELL2;HDAC3;RELL2	0.13401	0.682547	0.899551	-1.11167	0.847336	1.05087	1.05087	0.954494	1.0148	1.0148	0.849238	0.952191	-1.05021	0.935364	0.979337	-1.0211	0.00334928	2.79465	2.79465	0.788058	1.07183	1.07183	0.168314	1.45926	1.45926	0.376882	1.26292	1.26292	2.2475	2.3589	0.932947	1
cg08351489	FAT3	0.13401	0.881194	0.935407	-1.06905	0.895534	0.943033	-1.06041	0.522458	0.748702	-1.33565	0.847862	1.08954	1.08954	0.141019	0.493188	-2.02762	0.214095	1.79325	1.79325	0.0417758	2.8512	2.8512	0.0199495	3.50484	3.50484	0.826726	1.10283	1.10283	2.2475	7.09579	2.80639	1
cg00251622	ACOX3;ACOX3	0.134011	0.981216	0.995431	-1.00459	0.123435	0.72282	-1.38347	0.903462	0.976674	-1.02388	0.645177	1.09439	1.09439	0.033316	0.616405	-1.62231	0.768877	1.05899	1.05899	0.514461	1.13723	1.13723	0.026409	1.66876	1.66876	0.505697	1.14038	1.14038	2.2475	1.34687	0.532688	1
cg02560730	LOC400927	0.134011	0.445441	0.820396	-1.21892	0.522987	1.17912	1.17912	0.495535	0.838509	-1.19259	0.685652	1.10912	1.10912	0.0200648	0.489684	-2.04213	0.62953	0.883635	-1.13169	0.0107921	0.442603	-2.25936	0.849204	0.952709	-1.04964	0.667293	0.895774	-1.11635	2.2475	2.30579	0.911945	1
cg15977798	ZNF536	0.134011	0.539976	1.20701	1.20701	0.0937809	0.57188	-1.74862	0.05896	0.523756	-1.90929	0.792143	0.923032	-1.08339	0.161453	1.57375	1.57375	0.299466	1.38554	1.38554	0.265258	1.42201	1.42201	0.627627	0.862232	-1.15978	0.0718061	0.54361	-1.83955	2.24749	3.27331	1.2946	1
cg21251475	NCRNA00173;NCRNA00173	0.134012	0.142444	0.423279	-2.36251	0.269733	0.534366	-1.87138	0.675687	1.25787	1.25787	0.118385	0.396762	-2.5204	0.0256125	0.235537	-4.24561	0.278045	0.540613	-1.84975	0.0749717	0.339154	-2.94851	0.0260739	0.236979	-4.21979	0.669779	0.791433	-1.26353	2.24749	10.583	4.18563	1
cg03228516	CSNK1E;CSNK1E	0.134016	0.129286	0.376723	-2.65447	0.228895	0.471381	-2.12142	0.161922	0.410854	-2.43395	0.27091	0.50524	-1.97926	0.0660498	0.292823	-3.41503	0.170551	0.419263	-2.38514	0.00933045	0.14029	-7.1281	0.0658519	0.292498	-3.41883	0.410027	0.605431	-1.65172	2.24746	12.6275	4.99427	1
cg27543385	C17orf54	0.134017	0.294736	0.603591	-1.65675	0.0185003	0.265226	-3.77037	0.100237	0.43316	-2.30861	0.566236	1.30915	1.30915	0.0464164	0.346515	-2.88587	0.866817	0.924984	-1.0811	0.28973	0.600185	-1.66615	0.0559537	0.365709	-2.73441	0.604404	0.784419	-1.27483	2.24745	7.68269	3.03858	1
cg00659667	NIPAL3	0.13403	0.0111721	0.503381	-1.98657	0.617361	1.11485	1.11485	0.112589	1.45184	1.45184	0.765581	1.06667	1.06667	0.986587	0.996378	-1.00364	0.250778	0.771804	-1.29567	0.415087	1.19699	1.19699	0.238295	1.30554	1.30554	0.956516	0.988299	-1.01184	2.24735	1.65834	0.65592	1
cg26647242	ALK	0.134033	0.0286821	0.338112	-2.9576	0.0411061	0.371504	-2.69176	0.175708	0.546095	-1.83118	0.760647	0.879522	-1.13698	0.500213	0.750122	-1.33312	0.710528	0.855012	-1.16957	0.0352157	0.356791	-2.80276	0.376919	1.46369	1.46369	0.268892	0.61643	-1.62224	2.24733	6.2834	2.48528	1
cg02699332	ARHGEF4;ARHGEF4	0.134033	0.0885033	0.703039	-1.4224	0.281736	1.23337	1.23337	0.522292	1.12929	1.12929	0.126143	0.733248	-1.36379	0.0818533	0.696615	-1.43551	0.227259	0.788463	-1.26829	0.0268494	0.611621	-1.635	0.340509	0.831792	-1.20222	0.944342	1.01318	1.01318	2.24733	1.25124	0.494907	1
cg19610869	C5orf52;C5orf52	0.134033	0.0443625	6.58369	6.58369	0.0174808	10.5976	10.5976	0.196967	3.04401	3.04401	0.171438	3.28124	3.28124	0.196901	3.04457	3.04457	0.812461	1.21405	1.21405	0.944144	1.05885	1.05885	0.0508688	6.14261	6.14261	0.121297	3.93883	3.93883	2.24732	23.7038	9.37564	1
cg03439958	NPAS2	0.134035	0.396494	0.518053	-1.9303	0.992783	1.00687	1.00687	0.279919	0.427072	-2.34153	0.359919	0.490189	-2.04003	0.0338936	0.153205	-6.52718	0.00755091	0.0740171	-13.5104	0.639104	0.699237	-1.43013	0.613839	0.680175	-1.47021	0.0984281	0.253407	-3.94621	2.24731	20.4205	8.077	1
cg15110463	PIGV	0.134035	0.201196	0.605928	-1.65036	0.171834	1.71572	1.71572	0.272481	0.654476	-1.52794	0.307676	1.47981	1.47981	0.575023	0.810386	-1.23398	0.13317	1.82445	1.82445	0.335854	0.691896	-1.4453	0.025819	2.6706	2.6706	0.727974	0.878448	-1.13837	2.24731	4.90285	1.93925	1
cg07711954	MAST3	0.134038	0.0903596	0.489958	-2.04099	0.58012	1.23815	1.23815	0.721382	0.872062	-1.14671	0.237659	0.623185	-1.60466	0.0791599	0.474668	-2.10674	0.772431	1.11723	1.11723	0.0157215	0.32249	-3.10087	0.124754	0.529753	-1.88767	0.123639	0.528592	-1.89182	2.24728	5.20188	2.05755	1
cg20628216	HDDC2	0.134039	0.250128	0.87442	-1.14362	0.907792	0.987146	-1.01302	0.120526	0.828592	-1.20687	0.47335	0.921796	-1.08484	0.657057	0.95133	-1.05116	0.0735933	1.24947	1.24947	0.038244	0.764787	-1.30755	0.104238	0.820106	-1.21936	0.375843	1.10681	1.10681	2.24728	0.443762	0.175526	1
cg01710886	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.134043	0.180836	0.606067	-1.64998	0.132585	1.77177	1.77177	0.186109	1.63895	1.63895	0.563958	1.22824	1.22824	0.160885	0.589881	-1.69526	0.235849	1.54933	1.54933	0.0868535	0.513516	-1.94736	0.128498	0.560427	-1.78435	0.689875	1.15184	1.15184	2.24725	4.42104	1.74872	1
cg03302135	GATA5	0.134043	0.31309	0.838435	-1.1927	0.47387	0.884247	-1.13091	0.0749536	0.715377	-1.39786	0.527464	0.897513	-1.11419	0.0381476	1.5006	1.5006	0.234848	1.23404	1.23404	0.224659	1.24037	1.24037	0.195629	0.793624	-1.26004	0.514104	0.894271	-1.11823	2.24725	1.01521	0.40156	1
cg19724567	IFRD1	0.134043	0.940644	1.04454	1.04454	0.0120634	6.24398	6.24398	0.222006	2.11914	2.11914	0.641718	1.31546	1.31546	0.524107	1.45899	1.45899	0.280368	1.92819	1.92819	0.0557896	3.55368	3.55368	0.0277545	4.58208	4.58208	0.672491	1.28248	1.28248	2.24725	12.1855	4.81993	1
cg15490643	C2orf34	0.134045	0.0486054	0.335163	-2.98362	0.267719	0.571056	-1.75114	0.0101352	0.207228	-4.8256	0.0372778	0.309397	-3.23209	0.216977	0.532388	-1.87833	0.231434	0.543837	-1.83879	0.379784	0.645828	-1.5484	0.406718	0.662405	-1.50965	0.584574	0.764973	-1.30724	2.24724	8.38136	3.31523	1
cg22738516	LOC285548	0.134047	0.923093	0.978533	-1.02194	0.483624	1.1735	1.1735	0.0250382	1.82055	1.82055	0.466438	1.18123	1.18123	0.381796	0.81743	-1.22335	0.467465	1.18076	1.18076	0.0495436	0.604358	-1.65465	0.858321	0.960638	-1.04097	0.107126	1.4848	1.4848	2.24722	1.79763	0.711054	1
cg07710907	XKR5	0.134051	0.209974	0.740793	-1.34991	0.00343804	0.405578	-2.46562	0.551147	0.872017	-1.14677	0.265796	0.768482	-1.30127	0.744595	1.07706	1.07706	0.263636	0.767488	-1.30295	0.824572	1.05171	1.05171	0.534418	0.86685	-1.1536	0.621971	0.893271	-1.11948	2.24718	1.83551	0.726048	1
cg13602406	ZNF479	0.134053	0.0311406	0.1058	-9.45183	0.134636	0.238742	-4.18863	0.0812234	0.179691	-5.5651	0.364936	0.4375	-2.28572	0.0296155	0.102895	-9.7186	0.210428	0.309773	-3.22817	0.725098	0.730869	-1.36823	0.119612	0.223211	-4.48007	0.0500279	0.137458	-7.27497	2.24717	28.0647	11.1012	1
cg18319687	MIR1229;MGAT4B;MGAT4B	0.134055	0.385171	0.700529	-1.42749	0.534741	1.28573	1.28573	0.104347	2.03351	2.03351	0.912377	1.04499	1.04499	0.99179	0.995895	-1.00412	0.00969168	0.270285	-3.6998	0.440483	1.36954	1.36954	0.948646	0.97458	-1.02608	0.216435	0.594533	-1.68199	2.24715	5.68763	2.24981	1
cg00373422	ABCB8	0.134057	0.220786	0.778593	-1.28437	0.578106	1.11542	1.11542	0.739055	0.937072	-1.06715	0.848847	1.03779	1.03779	0.259246	0.795464	-1.25713	0.254323	0.793407	-1.26039	0.0164548	1.76805	1.76805	0.0897812	0.695164	-1.43851	0.623988	1.10082	1.10082	2.24714	1.34528	0.532146	1
cg12081325	EIF2B3;EIF2B3	0.134067	0.321871	0.602826	-1.65885	0.0957845	2.47144	2.47144	0.0468985	3.08035	3.08035	0.955662	0.972877	-1.02788	0.2082	0.518805	-1.92751	0.545548	0.738938	-1.35329	0.163352	0.479142	-2.08706	0.100293	0.410468	-2.43624	0.544237	0.738191	-1.35466	2.24706	8.70463	3.44337	1
cg22535442	ZNF282	0.134067	0.0526967	0.636905	-1.57009	0.0918437	1.46251	1.46251	0.626111	1.1058	1.1058	0.209488	0.762662	-1.3112	0.348657	0.82067	-1.21852	0.0452592	0.624699	-1.60077	0.457065	1.16781	1.16781	0.576568	0.890872	-1.1225	0.267314	0.789223	-1.26707	2.24706	1.49318	0.590669	1
cg22639352	HDAC4	0.134074	0.333546	1.42298	1.42298	0.46109	0.766917	-1.30392	0.0123942	0.332573	-3.00686	0.494038	1.27842	1.27842	0.744621	0.890834	-1.12254	0.281828	0.673306	-1.48521	0.190011	0.612078	-1.63378	0.605185	1.20254	1.20254	0.067965	0.485304	-2.06056	2.24701	4.45125	1.76086	1
cg04276723	AMPH;AMPH	0.134075	0.730229	0.954053	-1.04816	0.0465679	1.36303	1.36303	0.09773	1.28002	1.28002	0.402866	0.890184	-1.12336	0.311374	1.15294	1.15294	0.301944	0.864746	-1.15641	0.612639	0.932973	-1.07184	0.0392994	1.3827	1.3827	0.233821	1.18484	1.18484	2.247	0.657109	0.259946	1
cg02249911	CCDC111;CASP3;CASP3	0.134076	0.948921	1.01972	1.01972	0.553347	1.20053	1.20053	0.220758	0.675448	-1.4805	0.398541	0.768394	-1.30142	0.0522039	0.510131	-1.96028	0.544255	1.20572	1.20572	0.0986172	0.575777	-1.73678	0.0370616	2.09164	2.09164	0.488308	0.80687	-1.23936	2.24699	3.30621	1.30791	1
cg02063203	DNPEP	0.134076	0.72507	1.11026	1.11026	0.151794	1.57593	1.57593	0.0393394	2.02623	2.02623	0.116427	1.65754	1.65754	0.170502	1.54089	1.54089	0.941699	1.0219	1.0219	0.0680446	0.545897	-1.83185	0.451398	0.796694	-1.25519	0.697158	0.890615	-1.12282	2.24699	3.12258	1.23526	1
cg06622994	ABCG4;ABCG4	0.13408	0.723411	0.856658	-1.16733	0.0337324	0.33971	-2.94368	0.0422573	0.361082	-2.76945	0.093125	0.447405	-2.23511	0.0614558	0.399573	-2.50267	0.860239	0.926136	-1.07976	0.264507	0.60268	-1.65925	0.0370665	0.3485	-2.86944	0.369546	0.669485	-1.49369	2.24696	6.74649	2.66889	1
cg07364638	NGRN;NGRN	0.134084	0.0378011	0.540743	-1.84931	0.0376041	0.540295	-1.85084	0.552132	1.16594	1.16594	0.37975	0.794549	-1.25857	0.615344	1.13804	1.13804	0.125736	0.655146	-1.52638	0.297719	1.31723	1.31723	0.574036	1.156	1.156	0.436972	1.22433	1.22433	2.24693	2.31828	0.917116	1
cg16998835	LOC441208	0.134092	0.42499	1.38773	1.38773	0.272112	1.58369	1.58369	0.153138	0.5405	-1.85014	0.208425	0.58663	-1.70465	0.326476	1.50296	1.50296	0.165489	0.551613	-1.81286	0.384635	1.43118	1.43118	0.0497399	2.46012	2.46012	0.131668	1.92417	1.92417	2.24687	5.75603	2.27716	1
cg27171835	GPBP1L1	0.134093	0.08657	0.58016	-1.72366	0.38547	0.774226	-1.29161	0.515481	1.20883	1.20883	0.362449	1.30893	1.30893	0.027426	0.472217	-2.11767	0.882131	0.958228	-1.04359	0.336197	0.751866	-1.33002	0.355441	1.31441	1.31441	0.0533367	0.531913	-1.88001	2.24686	2.94346	1.16447	1
cg11925872	ZBTB16;ZBTB16	0.134094	0.149858	0.72423	-1.38078	0.157817	1.3711	1.3711	0.0701254	1.52676	1.52676	0.164161	0.733274	-1.36375	0.341257	0.81469	-1.22746	0.577228	1.1249	1.1249	0.102411	1.45284	1.45284	0.340683	0.814479	-1.22778	0.415593	0.840382	-1.18993	2.24686	1.55422	0.614872	1
cg06218079	TBCD	0.134094	0.186215	0.664272	-1.50541	0.0322249	2.07946	2.07946	0.466978	0.805691	-1.24117	0.224822	0.689256	-1.45084	0.18767	0.665274	-1.50314	0.306471	1.36212	1.36212	0.900425	0.964121	-1.03721	0.416848	1.27405	1.27405	0.102369	0.593467	-1.68501	2.24685	3.03186	1.19945	1
cg27420922	C13orf26	0.134096	0.958071	0.981767	-1.01857	0.253872	0.659005	-1.51744	0.603794	1.2011	1.2011	0.243159	1.53333	1.53333	0.909575	0.961016	-1.04057	0.571301	1.22169	1.22169	0.200303	1.60557	1.60557	0.00563807	3.56624	3.56624	0.265941	1.50037	1.50037	2.24684	4.35895	1.72448	1
cg14060496	BHLHE23	0.134099	0.111592	0.500855	-1.99659	0.0757674	0.454475	-2.20034	0.674956	1.18327	1.18327	0.411151	0.715108	-1.39839	0.997857	0.998929	-1.00107	0.0665934	0.440114	-2.27214	0.927501	0.964339	-1.03698	0.0372379	2.62436	2.62436	0.591956	0.805827	-1.24096	2.24682	5.66511	2.24124	1
cg21626408	TAOK3	0.134099	0.809105	1.12125	1.12125	0.28962	1.68632	1.68632	0.421207	1.47652	1.47652	0.837289	1.10211	1.10211	0.0620156	2.75097	2.75097	0.139048	0.467055	-2.14107	0.0199316	0.254461	-3.92987	0.822451	0.899184	-1.11212	0.816412	0.895868	-1.11624	2.36999	8.21095	2.69465	1
cg05981335	MYF6	0.1341	0.0555724	6.67697	6.67697	0.0569817	6.58666	6.58666	0.387099	2.17251	2.17251	0.18599	3.41168	3.41168	0.155837	3.7769	3.7769	0.364299	2.26118	2.26118	0.956802	1.04515	1.04515	0.0210145	11.3544	11.3544	0.0487876	7.16659	7.16659	2.2468	27.2557	10.783	1
cg25676905	VAT1	0.134101	0.970556	1.01674	1.01674	0.136403	0.485894	-2.05806	0.816399	1.11028	1.11028	0.0344793	0.329817	-3.03198	0.383126	1.49523	1.49523	0.0385423	0.340261	-2.93892	0.447496	1.41655	1.41655	0.9322	1.03902	1.03902	0.206813	1.82003	1.82003	2.2468	7.19939	2.84825	1
cg12620111	ZNF70	0.134103	0.820611	1.03886	1.03886	0.0525783	1.44769	1.44769	0.0642948	1.41762	1.41762	0.531348	1.11231	1.11231	0.20794	1.24968	1.24968	0.270545	0.824825	-1.21238	0.136848	0.764124	-1.30869	0.780871	0.954264	-1.04793	0.0989735	1.35481	1.35481	2.24678	1.00282	0.396741	1
cg08190298	ACTC1	0.134105	0.0564971	0.401369	-2.49148	0.0220329	0.313145	-3.19341	0.134026	0.505	-1.9802	0.196001	0.560967	-1.78263	0.0443684	0.376695	-2.65467	0.238866	0.593615	-1.68459	0.0631463	0.413279	-2.41967	0.126521	0.49717	-2.01138	0.405551	0.697832	-1.43301	2.24677	6.3605	2.51641	1
cg15378786	PLEKHA7	0.134106	0.149308	2.06959	2.06959	0.23672	0.559307	-1.78793	0.755863	0.864845	-1.15628	0.0110843	0.214974	-4.65172	0.90418	1.05765	1.05765	0.770751	1.14571	1.14571	0.219577	1.832	1.832	0.424291	1.46367	1.46367	0.66859	1.22211	1.22211	2.36993	7.95691	2.61134	1
cg22708961	MORN1	0.134107	0.171776	0.512755	-1.95025	0.907742	0.948643	-1.05414	0.928086	1.04191	1.04191	0.737879	1.16512	1.16512	0.147954	0.489898	-2.04124	0.651807	0.813195	-1.22972	0.017543	0.257595	-3.88206	0.0369352	0.323568	-3.09054	0.322495	1.5953	1.5953	2.36992	7.59862	2.49377	1
cg04245961	MARK3;MARK3;MARK3;MARK3;MARK3	0.134109	0.455116	0.616264	-1.62268	0.01465	6.7686	6.7686	0.183144	2.45651	2.45651	0.497829	0.645375	-1.54949	0.281969	0.490934	-2.03694	0.56704	0.692005	-1.44508	0.343352	0.537334	-1.86104	0.209809	2.31869	2.31869	0.39387	0.573664	-1.74318	2.24673	14.407	5.69991	1
cg01809080	NCRUPAR	0.134112	0.0466244	0.780636	-1.28101	0.95655	0.994096	-1.00594	0.0157457	0.724961	-1.37938	0.941802	1.00797	1.00797	0.0303556	0.75831	-1.31872	0.303111	0.890532	-1.12292	0.826839	1.0241	1.0241	0.400188	0.910645	-1.09812	0.509877	0.929917	-1.07536	2.24671	0.42036	0.166311	1
cg15364537	MFSD4	0.134112	0.0414586	0.719868	-1.38914	0.137133	0.799457	-1.25085	0.942408	0.989951	-1.01015	0.432372	0.89404	-1.11852	0.328251	1.15149	1.15149	0.0376254	0.713826	-1.4009	0.0512874	0.733286	-1.36373	0.643382	0.936908	-1.06734	0.598395	1.07713	1.07713	2.24671	0.695276	0.275079	1
cg03181373	PDPR	0.134112	0.190215	0.759218	-1.31714	0.0394697	1.60474	1.60474	0.590402	0.897722	-1.11393	0.796466	0.949973	-1.05266	0.14983	0.735964	-1.35876	0.207996	0.768282	-1.30161	0.105691	1.42039	1.42039	0.393434	1.18956	1.18956	0.2966	0.806637	-1.23972	2.24671	1.40291	0.555047	1
cg18026026	MGMT	0.134114	0.576853	1.2123	1.2123	0.220064	0.643795	-1.55329	0.61352	1.18997	1.18997	0.324177	1.41586	1.41586	0.164246	0.602385	-1.66007	0.0150845	0.360599	-2.77316	0.0828095	0.518911	-1.92711	0.857041	0.940275	-1.06352	0.518575	1.25045	1.25045	2.2467	4.1502	1.64199	1
cg26551146	SMOC2;SMOC2	0.134115	0.0679448	0.719384	-1.39008	0.92573	0.985091	-1.01513	0.524466	0.901306	-1.1095	0.911222	1.01813	1.01813	0.0202343	1.57001	1.57001	0.323473	0.848498	-1.17855	0.1229	1.30902	1.30902	0.465318	0.887181	-1.12717	0.609282	0.92031	-1.08659	2.24669	0.923495	0.365375	1
cg04367197	ARNTL;ARNTL;ARNTL	0.134116	0.309628	0.798219	-1.25279	0.0865852	1.50045	1.50045	0.0641686	1.56184	1.56184	0.302828	0.795496	-1.25708	0.92855	1.01941	1.01941	0.0829648	0.662655	-1.50908	0.174422	0.733689	-1.36298	0.297844	1.26028	1.26028	0.971748	1.00762	1.00762	2.24668	1.63493	0.646855	1
cg20189682	HDAC4	0.13412	0.0931965	0.452328	-2.21079	0.153672	0.518809	-1.92749	0.191178	0.551818	-1.81219	0.214348	1.75347	1.75347	0.0970024	0.457251	-2.18698	0.0871123	0.444161	-2.25143	0.17063	0.534282	-1.87167	0.203405	1.78024	1.78024	0.79147	0.892402	-1.12057	2.24665	6.56671	2.59812	1
cg21194021	TSNARE1	0.134122	0.124382	0.499639	-2.00144	0.0580678	0.40928	-2.44332	0.0716098	0.432165	-2.31393	0.401887	0.699219	-1.43017	0.0135069	0.279414	-3.57892	0.593521	0.798776	-1.25191	0.323925	0.65386	-1.52938	0.0497789	0.393273	-2.54276	0.335149	0.660671	-1.51361	2.24663	6.18834	2.44844	1
cg23672811	LMO4	0.134123	0.852744	1.05779	1.05779	0.753913	0.909303	-1.09974	0.753431	0.909126	-1.09996	0.584629	0.846291	-1.18163	0.0167811	0.413786	-2.41671	0.080175	0.556063	-1.79836	0.159713	0.634934	-1.57497	0.0862042	1.77384	1.77384	0.459944	0.796552	-1.25541	2.24662	3.2524	1.28683	1
cg23369632	DST;DST;DST;DST;DST	0.134125	0.24232	0.598689	-1.67031	0.585151	1.25998	1.25998	0.791436	1.11752	1.11752	0.327455	1.52775	1.52775	0.0248244	0.326309	-3.06458	0.088788	0.455214	-2.19677	0.208026	0.573203	-1.74458	0.333184	1.51967	1.51967	0.12628	0.499839	-2.00065	2.24662	6.25379	2.47436	1
cg20353496	FAM110A;FAM110A;FAM110A	0.134125	0.23639	0.439485	-2.27539	0.211979	2.39159	2.39159	0.0573682	4.22894	4.22894	0.388178	1.79332	1.79332	0.0445122	0.21194	-4.71831	0.416256	1.73059	1.73059	?	?	?	0.371102	1.83432	1.83432	0.509722	1.55418	1.55418	2.38856	14.2488	5.21976	1
cg15351697	ULK4	0.134127	0.0778658	0.676499	-1.4782	0.287215	0.802186	-1.24659	0.143112	0.730603	-1.36873	0.358894	0.828474	-1.20704	0.00986187	0.521789	-1.91648	0.229101	0.777448	-1.28626	0.698556	0.925314	-1.08071	0.358364	0.828293	-1.2073	0.033586	0.609488	-1.64072	2.24659	1.41557	0.560087	1
cg08320413	MMP21	0.134128	0.520306	1.32456	1.32456	0.0591715	0.398946	-2.5066	0.0213232	0.303172	-3.29845	0.344474	0.657039	-1.52198	0.860779	1.07866	1.07866	0.283385	1.61727	1.61727	0.20601	1.77783	1.77783	0.90173	1.05473	1.05473	0.298918	0.628521	-1.59104	2.24659	6.61968	2.61915	1
cg01845583	FBRSL1	0.134128	0.843574	1.05083	1.05083	0.289528	1.31772	1.31772	0.0818779	1.62231	1.62231	0.454031	1.21095	1.21095	0.662936	1.11635	1.11635	0.0390124	1.82138	1.82138	0.12064	0.655439	-1.52569	0.036149	1.84318	1.84318	0.352509	1.27138	1.27138	2.24659	2.24097	0.886667	1
cg08283882	EBF2	0.13413	0.757307	0.849103	-1.17771	0.46765	1.47698	1.47698	0.586544	1.33615	1.33615	0.611095	0.762901	-1.31079	0.0543152	0.315893	-3.16562	0.380647	0.622161	-1.6073	0.132518	0.424605	-2.35513	0.0255896	4.05373	4.05373	0.421457	1.54245	1.54245	2.24658	9.90864	3.92049	1
cg14155446	FRMD4B	0.134131	0.417808	1.52829	1.52829	0.00662634	6.08229	6.08229	0.0382193	3.42281	3.42281	0.560908	1.35149	1.35149	0.994045	0.996185	-1.00383	0.26209	1.82038	1.82038	0.64662	1.26678	1.26678	0.110624	2.43652	2.43652	0.468519	1.45911	1.45911	2.24656	9.33729	3.69445	1
cg06422139	CCDC127;SDHA	0.134132	0.404411	1.20675	1.20675	0.837828	0.955859	-1.04618	0.925743	0.979674	-1.02075	0.141861	0.706169	-1.41609	0.607956	0.892276	-1.12073	0.0906234	0.663199	-1.50784	0.0274432	1.77641	1.77641	0.377727	1.22064	1.22064	0.133418	1.42847	1.42847	2.24656	1.72651	0.683122	1
cg05790015	GUK1;GUK1	0.134134	0.179996	0.547937	-1.82503	0.400924	0.695413	-1.43799	0.890478	1.05994	1.05994	0.497512	1.33776	1.33776	0.0445733	0.377405	-2.64968	0.315014	0.644708	-1.55109	0.0368269	0.358954	-2.78587	0.336118	1.52049	1.52049	0.0614938	0.41066	-2.4351	2.24654	6.35109	2.51293	1
cg00673365	LHX5	0.134136	0.0686151	0.534027	-1.87257	0.0881354	0.560377	-1.78451	0.552729	1.20302	1.20302	0.430107	0.780468	-1.28128	0.126886	0.601621	-1.66218	0.0639171	0.526818	-1.89819	0.0321083	0.46181	-2.16539	0.0949783	0.568542	-1.75889	0.191339	0.65328	-1.53074	2.24652	3.36996	1.3334	1
cg10121429	CFDP1	0.134137	0.0152683	0.60459	-1.65401	0.129104	0.758032	-1.31921	0.549216	1.1078	1.1078	0.227313	0.807267	-1.23875	0.740991	1.05763	1.05763	0.927538	1.01548	1.01548	0.806508	0.959394	-1.04233	0.819717	0.962172	-1.03932	0.0744967	1.39886	1.39886	2.24652	1.01529	0.401723	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)
cg20453412	C1orf127;C1orf127	0.134138	0.433852	0.773216	-1.2933	0.128626	0.58923	-1.69713	0.132852	0.593179	-1.68583
cg14661969	CPA5;CPA5;CPA5	0.134146	0.976071	1.00538	1.00538	0.623138	1.09258	1.09258	0.180003	1.28985	1.28985
cg04314308	NCAN	0.134146	0.430439	1.4859	1.4859	0.260265	1.78218	1.78218	0.813244	0.890068	-1.12351
cg26708817	NEUROG2;NEUROG2	0.134147	0.628996	0.920954	-1.08583	0.883655	1.02508	1.02508	0.440702	1.14224	1.14224
cg14804187	SNPH	0.13415	0.346969	1.34253	1.34253	0.0223722	0.435017	-2.29876	0.0310646	0.463094	-2.15939
cg06024852	SHCBP1	0.134152	0.106978	0.581828	-1.71872	0.350725	1.34394	1.34394	0.841216	1.06368	1.06368
cg15833339	ODF2L;ODF2L	0.134153	0.218153	1.1973	1.1973	0.0403171	1.38997	1.38997	0.879953	0.97921	-1.02123
cg00613997	C15orf2;C15orf2	0.134154	0.225936	0.628339	-1.5915	0.903911	1.04512	1.04512	0.535655	1.25761	1.25761
cg14792480	CDH16	0.134157	0.180595	0.621734	-1.6084	0.170796	1.62829	1.62829	0.0587769	0.489906	-2.04121
cg23120805	LOC100129726;ZFP36L2	0.134158	0.963258	0.99066	-1.00943	0.991034	0.997714	-1.00229	0.332557	1.22584	1.22584
cg17995867	GATA6	0.13416	0.270508	1.53286	1.53286	0.0856768	0.493018	-2.02832	0.164296	0.575529	-1.73753
cg21643403	CTHRC1;CTHRC1	0.134161	0.0674485	1.55731	1.55731	0.664437	1.09895	1.09895	0.22914	1.31366	1.31366
cg03988527	RFX8	0.134164	0.459085	0.320262	-3.12245	0.0915904	16.541	16.541	0.410634	0.280601	-3.56378
cg18229556	KIAA1026;KIAA1026	0.134165	0.389356	0.792474	-1.26187	0.834312	0.946268	-1.05678	0.202536	0.701347	-1.42583
cg10503219	SLC39A7;SLC39A7;RXRB;SLC39A7	0.134174	0.111502	0.771003	-1.29701	0.196874	1.22715	1.22715	0.0698016	1.35554	1.35554
cg26575633	NTRK1;NTRK1;NTRK1	0.134175	0.531984	1.20633	1.20633	0.818397	0.93412	-1.07053	0.246271	0.698165	-1.43233
cg19724668	FOXJ3	0.134176	0.076557	0.365583	-2.73535	0.294339	1.71805	1.71805	0.0133042	5.12731	5.12731
cg01655721	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.134177	0.0298241	3.15299	3.15299	0.361611	1.52386	1.52386	0.853359	1.08667	1.08667
cg18635361	COL23A1	0.134182	0.772496	0.762115	-1.31214	0.0319218	10.5483	10.5483	0.0528778	7.86137	7.86137
cg09274104	ACOT6	0.134185	0.469819	1.09159	1.09159	0.121778	0.818813	-1.22128	0.0433985	0.75817	-1.31897
cg11014468	DCP1A	0.134186	0.0660183	3.26713	3.26713	0.5844	0.728269	-1.37312	0.550947	1.4139	1.4139
cg14223395	ZNF845	0.134186	0.0533539	1.17403	1.17403	0.263658	1.08892	1.08892	0.247334	1.09245	1.09245
cg16319517	IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP;IL1RAP	0.13419	0.540141	1.25335	1.25335	0.466437	1.30977	1.30977	0.0226964	2.69976	2.69976
cg26877357	VANGL1	0.13419	0.696223	0.885289	-1.12958	0.08355	0.551687	-1.81262	0.0240987	0.433737	-2.30554
cg12552033	VEZT;FGD6	0.134193	0.831722	0.945402	-1.05775	0.00826624	0.410222	-2.4377	0.184129	0.68954	-1.45024
cg26018073	GSG1;GSG1	0.134194	0.0865853	0.576222	-1.73544	0.0139972	0.413245	-2.41987	0.609432	1.1619	1.1619
cg27523141	ZNF37B	0.134197	0.0991052	2.95913	2.95913	0.104579	2.89944	2.89944	0.078137	3.23631	3.23631
cg05962793	USP10	0.134199	0.0210912	1.5804	1.5804	0.337277	0.849394	-1.17731	0.823203	1.03761	1.03761
cg17864487	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.134201	0.346506	1.3311	1.3311	0.0325392	0.47798	-2.09214	0.21898	0.682897	-1.46435
cg06760507	NDUFS2;ADAMTS4	0.134202	0.763165	0.859334	-1.16369	0.168583	2.08741	2.08741	0.223148	1.90047	1.90047
cg00452400	MAN2C1	0.134203	0.0882076	0.485156	-2.06119	0.900545	0.953069	-1.04924	0.195037	0.590402	-1.69376
cg03767357	COPG2;TSGA13	0.134205	0.326194	0.881693	-1.13418	0.384365	0.89513	-1.11716	0.297288	0.874401	-1.14364
cg21006325	CBS	0.134207	0.383385	2.61174	2.61174	0.010719	31.3217	31.3217	0.619138	1.71291	1.71291
cg10617171	SCN1B;SCN1B	0.134207	0.214595	0.836986	-1.19476	0.436466	1.11419	1.11419	0.0511797	1.35317	1.35317
cg00979695	SVOPL	0.134209	0.0528236	0.471521	-2.12079	0.0216333	0.389847	-2.56511	0.0356984	0.433898	-2.30469
cg27184249	SNIP1	0.134212	0.175037	2.14887	2.14887	0.853504	1.103	1.103	0.884329	0.925701	-1.08026
cg23175599	TBK1	0.134218	0.0106041	0.740467	-1.3505	0.570401	0.947796	-1.05508	0.553786	0.945543	-1.05759
cg01275685	BMPER	0.134224	0.7173	1.15009	1.15009	0.0706895	0.459888	-2.17444	0.130271	0.533398	-1.87477
cg17625643	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2	0.134224	0.117515	0.759124	-1.31731	0.309327	0.843198	-1.18596	0.845714	1.03209	1.03209
cg18505939	LRFN3	0.134225	0.0343528	1.33803	1.33803	0.139664	1.20624	1.20624	0.108816	1.22915	1.22915
cg25076881	OR10J1	0.134225	0.0299312	0.177716	-5.62695	0.0561033	0.231465	-4.3203	0.23692	0.432527	-2.31199
cg00910893	LOC91450	0.134227	0.0551935	0.364897	-2.7405	0.0282826	0.30088	-3.32358	0.361429	0.647197	-1.54513
cg08449138	GNA15	0.134228	0.00569938	0.506185	-1.97556	0.265974	1.24317	1.24317	0.426629	0.858618	-1.16466
cg20631654	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.134229	0.155258	0.527677	-1.8951	0.404248	1.43152	1.43152	0.982364	1.00933	1.00933
cg00266322	FADS6	0.13423	0.401591	1.54731	1.54731	0.474757	0.691013	-1.44715	0.651939	1.25971	1.25971
cg01561157	TBCD	0.134234	0.0914965	0.474284	-2.10844	0.741181	0.875422	-1.14231	0.156317	0.544051	-1.83806
cg04215385	CBR1	0.134234	0.684233	1.17819	1.17819	0.948978	0.974663	-1.026	0.888163	1.05805	1.05805
cg11649388	FLT1	0.134235	0.466387	0.870764	-1.14842	0.606668	1.10181	1.10181	0.054557	0.665527	-1.50257
cg06281762	C5orf54	0.134237	0.0753628	0.764754	-1.30761	0.481839	0.907697	-1.10169	0.437684	1.11321	1.11321
cg00672638	ARHGAP26;ARHGAP26	0.134238	0.192115	0.830341	-1.20433	0.693254	1.05483	1.05483	0.364042	0.881964	-1.13383
cg01959412	MSX1;MSX1	0.134238	0.93299	0.986213	-1.01398	0.16424	0.782697	-1.27763	0.0215805	0.634114	-1.577
cg11410859	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.13424	0.0264443	0.449213	-2.22611	0.89022	0.958875	-1.04289	0.388023	0.764117	-1.3087
cg05986446	GLDC	0.134247	0.057898	0.202599	-4.93585	0.186905	0.352835	-2.83418	0.976117	0.977955	-1.02254
cg04023742	ANKLE2	0.134247	0.138621	0.599867	-1.66704	0.0185542	0.40046	-2.49713	0.517083	0.810134	-1.23436
cg05173758	GPR12	0.134247	0.573189	0.782824	-1.27743	0.0841771	2.27461	2.27461	0.360018	1.49896	1.49896
cg16175418	AGAP1;AGAP1	0.134247	0.328168	1.74662	1.74662	0.588712	1.35207	1.35207	0.593965	1.34624	1.34624
cg10270785	HYDIN	0.13425	0.0938761	1.89408	1.89408	0.959725	1.01766	1.01766	0.105555	0.54168	-1.84611
cg15441535	CNDP1;CNDP1	0.134254	0.233977	0.392602	-2.54711	0.00531033	0.0637508	-15.6861	0.113586	0.275238	-3.63322
cg07300574	EP400	0.134258	0.881554	1.0494	1.0494	0.16452	1.61541	1.61541	0.501238	1.24701	1.24701
cg14447193	NTRK2;NTRK2;NTRK2;NTRK2	0.134261	0.725349	0.797312	-1.25421	0.0751428	3.56996	3.56996	0.107067	3.09471	3.09471
cg01992603	LOC348926	0.134263	0.0683367	0.425997	-2.34743	0.448109	0.723795	-1.38161	0.0323097	2.85202	2.85202
cg05181702	WWC3	0.134266	0.0499084	0.0540733	-18.4934	0.856895	1.26553	1.26553	0.991504	0.986204	-1.01399
cg00663719	WWOX;WWOX	0.134266	0.958618	0.982055	-1.01827	0.00935636	0.316598	-3.15858	0.414091	0.747246	-1.33825
cg02461627	C3orf57;C3orf57	0.134267	0.161663	0.499918	-2.00033	0.162958	1.99549	1.99549	0.205733	1.85758	1.85758
cg13439914	LOC100128731	0.134269	0.872766	1.0283	1.0283	0.186981	1.27577	1.27577	0.829305	1.03831	1.03831
cg11893951	ARAP3	0.134274	0.2159	0.313803	-3.18671	0.17189	0.274128	-3.64793	0.192942	0.293428	-3.408
cg02593579	C12orf49;RNFT2;RNFT2	0.134275	0.0788564	0.714591	-1.3994	0.0685655	1.42059	1.42059	0.0449017	1.48642	1.48642
cg04666027	CCDC33	0.134277	0.134934	0.306592	-3.26166	0.01789	0.121091	-8.25824	0.0138052	0.107252	-9.32382
cg20648398	TIPIN	0.134279	0.0727064	1.48995	1.48995	0.00576593	2.05545	2.05545	0.863869	0.966402	-1.03477
cg02524946	TBX20;TBX20	0.134281	0.915309	0.927678	-1.07796	0.41002	0.551793	-1.81227	0.0635931	4.35733	4.35733
cg05248960	C16orf79;MLST8	0.134284	0.126524	0.588006	-1.70066	0.182325	0.634622	-1.57574	0.534188	0.816884	-1.22416
cg10612998	ZNF219	0.134289	0.293127	0.85389	-1.17111	0.0179745	1.51648	1.51648	0.740251	1.04937	1.04937
cg20457594	PRKCZ;PRKCZ;PRKCZ	0.134289	0.17692	0.658532	-1.51853	0.111292	1.65676	1.65676	0.0351599	2.04254	2.04254
cg21755169	RGL2;RGL2	0.13429	0.374176	0.827645	-1.20825	0.935992	1.0168	1.0168	0.746719	1.06951	1.06951
cg21020089	USP49	0.13429	0.556947	0.81295	-1.23009	0.556238	1.23056	1.23056	0.332044	1.41743	1.41743
cg00449756	C16orf7	0.13429	0.914026	1.03985	1.03985	0.55783	0.806975	-1.2392	0.464386	0.763804	-1.30924
cg24217704	GALNT3	0.134291	0.0596953	24.3431	24.3431	0.252115	6.03271	6.03271	0.192369	7.94731	7.94731
ch.14.1783623F	RCOR1	0.134292	0.0401968	0.479174	-2.08692	0.242642	0.684222	-1.46151	0.0409039	0.480789	-2.07992
cg03689568	C16orf79	0.134296	0.286918	0.63248	-1.58108	0.179823	0.554236	-1.80429	0.227538	0.591676	-1.69011
cg27606669	NRK	0.134297	0.0372735	4.79262	4.79262	0.560023	0.682486	-1.46523	0.982891	1.014	1.014
cg04561822	GNA11	0.134304	?	?	?	0.130627	1.45475	1.45475	0.710181	1.08949	1.08949
cg10411339	TATDN1;TATDN1;TATDN1;NDUFB9	0.134304	0.267046	0.828445	-1.20708	0.93632	0.987078	-1.01309	0.260958	1.21025	1.21025
cg19685398	HRK	0.134307	0.116873	0.34781	-2.87513	0.0152782	0.15779	-6.33754	0.023878	0.188023	-5.3185
cg16040995	LOC619207	0.134309	0.770054	0.939242	-1.06469	0.574754	0.88583	-1.12889	0.510815	1.15331	1.15331
cg06379214	SC5DL;SC5DL	0.134312	0.0409114	0.696115	-1.43655	0.43833	0.885718	-1.12903	0.303093	0.848949	-1.17793
cg10198671	GPRC5A;GPRC5A	0.134313	0.365133	0.898296	-1.11322	0.0507813	0.773748	-1.29241	0.332081	1.12225	1.12225
cg05900227	WDR70	0.134314	0.149855	0.688795	-1.45181	0.0873946	0.634005	-1.57728	0.911201	0.97342	-1.02731
cg18235635	TG	0.134316	0.0339392	0.258263	-3.87202	0.0951575	0.36692	-2.72539	0.0675929	0.326395	-3.06377
cg12357606	CORIN	0.134317	0.113713	0.420669	-2.37717	0.0127161	0.210578	-4.74884	0.350232	0.616442	-1.62221
cg07322064	PRR18;PRR18	0.134318	0.164068	2.11221	2.11221	0.0706227	2.76601	2.76601	0.113444	2.38072	2.38072
cg21784716	KLHL1;ATXN8OS	0.134321	0.530023	0.775532	-1.28944	0.259556	0.625012	-1.59997	0.0289762	0.357453	-2.79757
cg05270381	TMEM183A;TMEM183B	0.134321	0.355053	0.768847	-1.30065	0.951957	1.01679	1.01679	0.722445	1.10356	1.10356
cg05936283	GAK	0.134323	0.0875085	0.484072	-2.06581	0.0121777	0.300698	-3.3256	0.126424	0.529438	-1.88879
cg01717706	SOCS1	0.134325	0.341019	0.833726	-1.19943	0.91763	1.01936	1.01936	0.0808298	1.43164	1.43164
cg05557262	FAM180A	0.134325	0.12105	1.27554	1.27554	0.0399653	1.41015	1.41015	0.575018	1.08546	1.08546
cg02131130	VGLL4;ATG7;VGLL4;ATG7;VGLL4;ATG7;VGLL4	0.134325	0.360167	0.826445	-1.21	0.264712	0.790144	-1.26559	0.0223595	0.574307	-1.74123
cg00337558	PKNOX2	0.134327	0.921511	1.03353	1.03353	0.0151211	2.71514	2.71514	0.409847	1.32582	1.32582
cg21363811	FAM163A	0.134327	0.0908045	2.64598	2.64598	0.550243	1.37119	1.37119	0.26433	0.544636	-1.83609
cg10327250	LGALS9C	0.134328	0.50002	0.881762	-1.13409	0.180467	1.29874	1.29874	0.0463452	0.657398	-1.52115
cg23615248	TATDN3;TATDN3;NSL1;TATDN3;TATDN3;TATDN3;NSL1	0.134329	0.299458	0.717444	-1.39384	0.22694	0.675892	-1.47953	0.909507	1.03573	1.03573
cg01575392	SMARCA5	0.13433	0.96012	0.979692	-1.02073	0.448938	0.728611	-1.37247	0.586941	0.798452	-1.25242
cg21251197	EHMT1;C9orf37;EHMT1	0.13433	0.168143	1.22666	1.22666	0.131817	0.797516	-1.25389	0.721373	1.05107	1.05107
cg24419363	SMPD1;SMPD1;SMPD1	0.134333	0.506395	0.86673	-1.15376	0.362977	0.820079	-1.21939	0.10795	1.45079	1.45079
cg27420946	CHRNA7	0.134335	0.645874	0.872087	-1.14667	0.107525	1.68134	1.68134	0.328417	1.3477	1.3477
cg23089723	NOTCH4	0.134343	0.353774	0.7631	-1.31044	0.460607	0.808256	-1.23723	0.051331	0.533255	-1.87527
cg08464513	MAPK3;MAPK3;MAPK3	0.134344	0.493193	0.616908	-1.62099	0.0120471	8.7879	8.7879	0.134432	3.06576	3.06576
cg13311805	OR4S2	0.134345	0.0437037	0.0751056	-13.3146	0.488029	0.455385	-2.19594	0.125483	0.157013	-6.36889
cg11287077	RNF145	0.134347	0.390496	1.36964	1.36964	0.0135614	2.98038	2.98038	0.00928446	3.25424	3.25424
cg05231706	RAC1;RAC1	0.134348	0.888472	1.09222	1.09222	0.0110674	7.41137	7.41137	0.0616789	3.75515	3.75515
cg13462909	PAPPA	0.134348	0.950605	1.03217	1.03217	0.58701	1.32358	1.32358	0.263229	1.81519	1.81519
cg06739403	NBEA	0.134349	0.259537	0.682387	-1.46544	0.572691	1.20346	1.20346	0.494888	0.798362	-1.25257
cg17082549	RPN1	0.134352	0.845507	0.956099	-1.04592	0.0262225	0.545075	-1.83461	0.206909	0.736155	-1.35841
cg15170743	ZNF470	0.134356	0.359938	0.868881	-1.15091	0.124944	1.28148	1.28148	0.126287	0.781143	-1.28018
cg15687746	DHX33	0.134357	0.0907988	0.731194	-1.36763	0.24927	1.22427	1.22427	0.492678	1.12421	1.12421
cg17640620	GPD1	0.134357	0.055064	0.570111	-1.75404	0.497757	0.837087	-1.19462	0.164317	0.681586	-1.46717
cg08124634	NIN;NIN;NIN;NIN	0.134362	0.829391	0.970425	-1.03048	0.287922	1.1659	1.1659	0.344539	0.873323	-1.14505
cg09636394	RASA3	0.13437	0.942726	1.01558	1.01558	0.106828	0.684716	-1.46046	0.0577336	0.63027	-1.58662
cg22022067	NOTCH4	0.134371	0.486322	1.59294	1.59294	0.296459	0.490407	-2.03912	0.194774	0.405458	-2.46635
cg01831872	CRIM1	0.134374	0.176339	0.776726	-1.28746	0.37114	0.850939	-1.17517	0.0143154	0.588101	-1.70039
cg17818798	PRKACA;PRKACA	0.134374	0.569206	1.06287	1.06287	0.592846	0.944405	-1.05887	0.103175	1.20794	1.20794
cg27383335	GABARAPL2	0.134381	0.842565	1.05516	1.05516	0.2857	1.34904	1.34904	0.0903175	1.6553	1.6553
cg10441640	PKP2;PKP2	0.134382	0.308822	0.606521	-1.64875	0.101016	2.34571	2.34571	0.878391	1.07539	1.07539
cg00315816	PRKAG2;PRKAG2	0.134387	0.150114	0.485323	-2.06049	0.0264541	0.291385	-3.43189	0.333292	0.626465	-1.59626
cg22291576	ZFHX4	0.134388	0.967321	1.00889	1.00889	0.968427	1.00858	1.00858	0.00717281	0.472524	-2.11629
cg26386189	HCCA2;FAM99B	0.13439	0.613296	0.910519	-1.09827	0.58643	0.903893	-1.10633	0.022743	0.605625	-1.65119
cg04436528	BAI1	0.13439	0.0751382	0.559991	-1.78574	0.1316	0.621105	-1.61003	0.0879503	0.576372	-1.73499
cg20560185	FBXO11;FBXO11	0.134391	0.157286	0.471848	-2.11933	0.182472	0.495262	-2.01913	0.194681	0.505959	-1.97645
ch.1.3023296F	ASH1L	0.134391	0.00612303	0.0765472	-13.0638	0.729033	1.2838	1.2838	0.513103	0.620963	-1.6104
cg15289807	CHD5	0.134397	0.139316	0.79372	-1.25989	0.0844873	0.75798	-1.3193	0.163175	0.805635	-1.24126
cg05415378	NRD1;NRD1	0.134398	0.808014	0.966552	-1.03461	0.429361	1.11934	1.11934	0.809607	0.966831	-1.03431
cg22687239	ZNF141	0.134398	0.820701	1.0257	1.0257	0.0480854	1.28734	1.28734	0.0800763	1.24246	1.24246
cg24483552	SGK3;SGK3;SGK3	0.1344	0.153735	0.864595	-1.15661	0.571816	0.947027	-1.05594	0.889221	0.986811	-1.01337
cg14087880	PPYR1	0.134401	0.0807875	5.85614	5.85614	0.309428	2.61203	2.61203	0.870051	1.16119	1.16119
cg07968760	SPATS2	0.134402	0.872551	0.954466	-1.04771	0.168989	0.653504	-1.53021	0.335646	0.749607	-1.33403
cg08265288	PUS7L;PUS7L;PUS7L	0.134402	0.931676	0.975102	-1.02553	0.0226782	0.448371	-2.23029	0.0608188	0.537199	-1.86151

Probeset ID	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)
cg20453412	0.261686	0.685942	-1.45785	0.00560701	0.309977	-3.22605	0.162245	0.618433	-1.61699	0.195705	0.643587	-1.55379	0.178848	0.631312
cg14661969	0.955724	0.990124	-1.00997	0.631739	1.09015	1.09015	0.131012	1.33839	1.33839	0.00475605	1.95448	1.95448	0.483842	0.880568
cg04314308	0.582671	1.31401	1.31401	0.63923	1.26155	1.26155	0.088456	2.52162	2.52162	0.00921029	5.08785	5.08785	0.0312723	3.46755
cg26708817	0.640753	1.08274	1.08274	0.600009	1.09363	1.09363	0.0335893	0.657134	-1.52176	0.847551	1.03309	1.03309	0.688962	0.934209
cg14804187	0.793929	0.923465	-1.08288	0.884996	1.045	1.045	0.206656	0.666909	-1.49946	0.748904	1.10261	1.10261	0.109442	0.588114
cg06024852	0.0527818	1.96902	1.96902	?	?	?	0.209803	0.665789	-1.50198	?	?	?	0.191668	1.53022
cg15833339	0.993068	0.998793	-1.00121	0.52308	0.913958	-1.09414	0.510914	0.911471	-1.09713	0.039753	0.718565	-1.39166	0.310206	0.864184
cg00613997	0.624741	1.1974	1.1974	0.64392	1.18542	1.18542	0.372919	1.39692	1.39692	0.15737	1.73768	1.73768	0.542153	0.798128
cg14792480	0.975325	1.01039	1.01039	0.0162218	0.374249	-2.67202	0.844675	1.06776	1.06776	0.191462	0.629842	-1.5877	0.96589	1.0144
cg23120805	0.064084	0.654494	-1.5279	0.0352444	0.60679	-1.64802	0.337225	0.817463	-1.2233	0.609147	0.90028	-1.11077	0.0506338	1.57415
cg17995867	0.30472	1.48544	1.48544	0.0678606	2.14134	2.14134	0.895405	0.95221	-1.05019	0.0944191	0.504349	-1.98275	0.280914	1.51779
cg21643403	0.0188328	0.540572	-1.84989	0.720893	0.925377	-1.08064	0.309031	0.796446	-1.25558	0.513275	0.86647	-1.15411	0.311259	0.797337
cg03988527	0.388712	3.79722	3.79722	0.471471	0.330761	-3.02333	0.0937392	16.1807	16.1807	0.783679	1.51535	1.51535	0.0604423	24.4814
cg18229556	0.00781367	0.406444	-2.46036	0.446317	1.22714	1.22714	0.114649	0.636097	-1.57209	0.672116	1.11879	1.11879	0.376165	1.27058
cg10503219	0.0781981	1.3412	1.3412	0.99666	0.999372	-1.00063	0.363258	0.869199	-1.15048	0.935471	0.987925	-1.01222	0.103297	1.30647
cg26575633	0.763119	1.0937	1.0937	0.210976	0.676692	-1.47778	0.0920359	1.73249	1.73249	0.0264008	2.18174	2.18174	0.0768237	1.79159
cg19724668	0.610223	1.28817	1.28817	0.890461	1.07002	1.07002	0.70495	0.829347	-1.20577	?	?	?	0.961583	0.976624
cg01655721	0.0364585	2.9806	2.9806	0.440899	1.42337	1.42337	0.05264	2.69024	2.69024	0.208959	1.8129	1.8129	0.0315341	3.1041
cg18635361	0.758956	0.749441	-1.33433	0.0684927	0.147904	-6.76114	0.933055	1.08191	1.08191	0.334545	0.393506	-2.54126	0.446115	0.482973
cg09274104	0.706193	1.04617	1.04617	0.0340952	0.744735	-1.34276	0.0349829	0.746157	-1.3402	0.465611	0.915308	-1.09253	0.442306	0.910862
cg11014468	0.557472	1.40574	1.40574	0.173012	2.29882	2.29882	0.291653	1.87409	1.87409	0.038319	3.96671	3.96671	0.0133093	5.8159
cg14223395	0.00601346	1.30005	1.30005	0.203734	1.10304	1.10304	0.993335	1.00061	1.00061	0.8639	0.987536	-1.01262	0.322456	1.07758
cg16319517	0.369929	1.39831	1.39831	0.237304	0.637124	-1.56955	0.211135	0.618965	-1.6156	0.382996	1.38506	1.38506	0.056694	2.1933
cg26877357	0.532949	0.821922	-1.21666	0.252657	0.690015	-1.44924	0.940102	1.02361	1.02361	0.356075	0.744698	-1.34283	0.0581538	1.94435
cg12552033	0.559135	0.855685	-1.16865	0.699713	0.902795	-1.10767	0.817931	1.06273	1.06273	0.0405893	0.535863	-1.86615	0.487856	1.20437
cg26018073	0.518307	1.21011	1.21011	0.0454173	0.512593	-1.95087	0.788576	0.924713	-1.08142	0.401981	0.77896	-1.28376	0.738082	1.10267
cg27523141	0.722427	1.23865	1.23865	0.319355	0.539295	-1.85427	0.0864811	0.320999	-3.11527	0.996086	1.00295	1.00295	?	?
cg05962793	0.710754	1.06339	1.06339	0.0587106	0.70305	-1.42237	0.916557	0.982856	-1.01744	0.69765	0.937615	-1.06654	0.287145	0.833299
cg17864487	0.220324	0.683733	-1.46256	0.0580161	0.531445	-1.88166	0.295327	0.726018	-1.37738	0.218528	1.46495	1.46495	0.433575	0.789977
cg06760507	0.0692388	2.77227	2.77227	0.608642	0.771781	-1.2957	0.0384235	3.33091	3.33091	0.0242052	3.84962	3.84962	0.536512	1.36885
cg00452400	0.834932	0.922912	-1.08353	0.00812076	0.271742	-3.67996	0.050461	0.424392	-2.35631	0.930546	0.967041	-1.03408	0.910045	1.04441
cg03767357	0.820694	1.0286	1.0286	0.430603	1.10509	1.10509	0.093318	1.2577	1.2577	0.0419586	0.747407	-1.33796	0.151114	1.21057
cg21006325	0.66449	1.5979	1.5979	0.108156	0.152207	-6.57	0.358564	0.362778	-2.7565	0.698301	1.51944	1.51944	0.138007	5.55857
cg10617171	0.0543726	0.742797	-1.34626	0.798382	1.03548	1.03548	0.659675	0.941427	-1.06222	0.0762066	0.764365	-1.30828	0.715604	0.951384
cg00979695	0.353199	0.721591	-1.38583	0.0749964	0.507989	-1.96855	0.642566	0.852444	-1.1731	0.94332	1.02458	1.02458	0.900593	0.958213
cg27184249	0.0955618	2.64069	2.64069	0.815994	0.883714	-1.13159	0.267959	1.84407	1.84407	0.0109255	5.44224	5.44224	0.088107	2.71318
cg23175599	0.0701096	1.20842	1.20842	0.394379	1.08498	1.08498	0.637132	0.95655	-1.04542	0.387574	1.08632	1.08632	0.74601	0.970072
cg01275685	0.757635	0.88777	-1.12642	0.427992	1.36509	1.36509	0.443538	1.35046	1.35046	0.0182063	3.01184	3.01184	0.610983	0.820953
cg17625643	0.801184	1.04175	1.04175	0.212422	0.808232	-1.23727	0.264957	1.20724	1.20724	0.0126024	1.65346	1.65346	0.923896	0.98463
cg18505939	0.115912	0.817429	-1.22335	0.738402	0.96123	-1.04033	0.636979	0.945463	-1.05768	0.589988	0.937839	-1.06628	0.260668	1.14844
cg25076881	0.334483	0.510059	-1.96056	0.0769007	0.264338	-3.78304	0.0637308	0.24421	-4.09484	0.0876903	0.27945	-3.57846	0.049018	0.218705
cg00910893	0.0525603	0.359794	-2.77937	0.984916	0.99127	-1.00881	0.729184	0.851128	-1.17491	0.2375	1.77523	1.77523	0.129393	0.467697
cg08449138	0.981651	1.00433	1.00433	0.184075	0.767505	-1.30292	0.484822	1.1426	1.1426	0.874613	1.0301	1.0301	0.421791	0.857186
cg20631654	0.13265	0.505591	-1.97788	0.131957	0.504876	-1.98068	0.685775	0.842844	-1.18646	0.0250967	0.326289	-3.06476	0.0393847	0.367224
cg00266322	0.713319	0.828921	-1.20639	0.25943	0.549798	-1.81885	0.157994	2.15441	2.15441	0.61127	0.770569	-1.29774	0.00773571	5.69457
cg01561157	0.985332	1.00741	1.00741	0.0499953	0.407708	-2.45274	0.0951897	0.479047	-2.08748	0.0239471	0.339135	-2.94868	0.447669	0.732976
cg04215385	0.182732	1.76304	1.76304	0.816771	1.09755	1.09755	0.455647	1.35625	1.35625	0.00523677	4.37997	4.37997	0.0441529	2.52769
cg11649388	0.09749	0.712132	-1.40423	0.777627	1.05428	1.05428	0.842522	1.03784	1.03784	0.125573	1.36274	1.36274	0.0466624	1.53004
cg06281762	0.0559264	0.745757	-1.34092	0.31287	0.86813	-1.1519	0.501288	1.09687	1.09687	0.876724	1.02125	1.02125	0.171772	0.821133
cg00672638	0.78497	1.03751	1.03751	0.573704	1.07955	1.07955	0.59058	0.929476	-1.07587	0.00596985	0.616313	-1.62255	0.552117	0.922194
cg01959412	0.064493	1.40898	1.40898	0.380985	0.862134	-1.15991	0.144616	0.772075	-1.29521	0.740271	1.05645	1.05645	0.29394	0.83551
cg11410859	0.259247	0.699141	-1.43033	0.184493	0.651793	-1.53423	0.928005	0.972893	-1.02786	0.00785228	0.354413	-2.82157	0.906999	0.965086
cg05986446	0.283129	0.435859	-2.29432	0.0576586	0.202211	-4.94532	0.423264	0.543867	-1.83868	0.0148021	0.107205	-9.3279	0.0817519	0.237782
cg04023742	0.975601	1.00985	1.00985	0.0318543	0.446499	-2.23965	0.783066	1.0925	1.0925	0.486164	0.797053	-1.25462	0.21846	1.51427
cg05173758	0.0623434	2.46549	2.46549	0.891942	0.943214	-1.0602	0.251229	1.67467	1.67467	0.270589	1.63785	1.63785	0.636935	1.2269
cg16175418	0.0415394	3.6641	3.6641	0.0766841	0.33691	-2.96815	0.594512	0.743144	-1.34563	0.229716	0.498398	-2.00643	0.0804952	2.91884
cg10270785	0.442693	1.31179	1.31179	0.339346	1.407	1.407	0.412676	1.33696	1.33696	0.0158431	2.78622	2.78622	0.129775	1.7638
cg15441535	0.951171	0.955148	-1.04696	0.163389	0.32802	-3.04859	0.387978	0.515289	-1.94066	0.114608	0.276415	-3.61775	0.222482	0.38263
cg07300574	0.798044	1.08645	1.08645	0.00885174	0.340431	-2.93745	0.290759	1.42553	1.42553	0.992057	1.00322	1.00322	0.770727	1.09911
cg14447193	0.177502	2.51009	2.51009	0.0298426	0.193701	-5.1626	0.614021	0.721388	-1.38622	0.588762	0.704325	-1.4198	0.318299	1.9394
cg01992603	0.854442	1.07981	1.07981	0.812119	0.905234	-1.10469	0.809902	0.904146	-1.10602	0.40747	0.701672	-1.42517	0.142082	1.93467
cg05181702	0.0844382	12.0629	12.0629	0.123209	8.8335	8.8335	0.0447564	0.0495055	-20.1998	0.675765	1.73113	1.73113	0.93504	1.11221
cg00663719	0.482762	1.28266	1.28266	0.888283	0.952132	-1.05027	0.0933545	1.90427	1.90427	0.864741	1.0613	1.0613	0.233369	0.646589
cg02461627	0.433337	1.44905	1.44905	0.152526	0.491204	-2.03582	0.539202	0.749463	-1.33429	0.0442906	0.342393	-2.92062	0.166728	1.98168
cg13439914	0.471576	0.880282	-1.136	0.315139	0.834552	-1.19825	0.0238438	0.625286	-1.59927	0.309969	0.832821	-1.20074	0.805252	1.04395
cg11893951	0.168739	0.27118	-3.68759	0.0252111	0.0936172	-10.6818	0.342364	0.418714	-2.38827	0.081158	5.58795	5.58795	0.227387	0.323782
cg02593579	0.484555	0.884868	-1.13011	0.27336	0.821771	-1.21688	0.69161	0.933648	-1.07107	0.673454	0.929613	-1.07572	0.285144	1.21067
cg04666027	0.176022	0.348067	-2.87301	0.279544	0.438375	-2.28115	0.295692	0.451366	-2.2155	0.146206	0.318458	-3.14014	0.280366	0.439041
cg20648398	0.820464	1.04631	1.04631	0.128986	1.38641	1.38641	0.905821	0.976705	-1.02385	0.683183	1.08515	1.08515	0.950781	0.987782
cg02524946	0.988875	0.990209	-1.00989	0.428151	0.565029	-1.76982	0.0883965	3.76863	3.76863	0.0745461	4.06323	4.06323	0.0309958	5.97241
cg05248960	0.427632	1.29718	1.29718	0.00931736	0.346567	-2.88544	0.0718821	0.524385	-1.907	0.668845	0.870892	-1.14825	0.8031	1.08357
cg10612998	0.173312	0.81071	-1.23349	0.878949	0.978168	-1.02232	0.240576	0.836985	-1.19476	0.16078	0.804954	-1.24231	0.966707	0.993973
cg20457594	0.290151	0.726493	-1.37647	0.335925	0.749172	-1.33481	0.23361	0.695267	-1.4383	0.18066	1.51244	1.51244	0.633012	0.869348
cg21755169	0.574159	0.888921	-1.12496	0.00844834	0.497887	-2.00849	0.0335613	0.597565	-1.67346	0.607957	0.898253	-1.11327	0.622526	0.902218
cg21020089	0.140132	1.73899	1.73899	0.0889496	0.519976	-1.92316	0.962906	1.01634	1.01634	0.502059	1.26806	1.26806	0.0229192	0.387254
cg00449756	0.0722673	0.483918	-2.06647	0.00517277	0.262973	-3.80267	0.683331	0.862085	-1.15998	0.377581	1.38763	1.38763	0.698174	0.866488
cg24217704	0.244453	6.22899	6.22899	0.321951	4.65111	4.65111	0.153591	9.92697	9.92697	0.0608027	23.9288	23.9288	0.0166055	81.0106
ch.14.1783623F	0.199286	0.65646	-1.52332	0.882426	0.955112	-1.047	0.845539	0.941266	-1.0624	0.0218864	0.425885	-2.34805	0.0736641	0.538573
cg03689568	0.900071	0.949286	-1.05342	0.00925318	0.254525	-3.92888	0.0675111	0.428004	-2.33643	0.05902	0.413431	-2.41879	0.9385	1.03248
cg27606669	0.256948	2.15317	2.15317	0.827287	0.867934	-1.15216	0.135125	0.352019	-2.84076	0.308845	0.505245	-1.97924	0.0338482	4.98268
cg04561822	0.440322	0.834689	-1.19805	0.421172	1.20766	1.20766	0.399991	0.82051	-1.21875	0.0643332	1.61163	1.61163	0.037169	0.573781
cg10411339	0.822767	0.964144	-1.03719	0.0240466	0.645297	-1.54967	0.0342989	0.669039	-1.49468	0.118311	0.758808	-1.31786	0.2087	0.805972
cg19685398	0.352281	0.552438	-1.81016	0.405086	0.589724	-1.69571	0.200661	0.432599	-2.31161	0.212216	0.442808	-2.25832	0.155534	0.389796
cg16040995	0.354802	0.815811	-1.22577	0.621205	0.898955	-1.1124	0.170652	0.731964	-1.36619	0.11286	1.44638	1.44638	0.053219	1.59951
cg06379214	0.0399089	0.694469	-1.43995	0.189472	1.23785	1.23785	0.243791	0.829267	-1.20588	0.234238	1.21097	1.21097	0.329663	0.856901
cg10198671	0.0984365	0.811486	-1.23231	0.552062	1.0718	1.0718	0.0944155	0.809032	-1.23605	0.57284	0.936436	-1.06788	0.288426	1.13545
cg05900227	0.342762	0.789758	-1.26621	0.564599	1.15099	1.15099	0.260456	1.32768	1.32768	0.0193062	1.98042	1.98042	0.906192	1.02888
cg18235635	0.152385	0.432476	-2.31227	0.175254	0.454655	-2.19947	0.289036	0.547835	-1.82537	0.0613123	0.315742	-3.16714	0.103357	0.377532
cg12357606	0.385971	0.63943	-1.56389	0.0564696	0.337376	-2.96405	0.126455	0.435252	-2.29752	0.0562649	0.336994	-2.96741	0.182101	0.490378
cg07322064	0.079044	2.66976	2.66976	0.934918	1.04199	1.04199	0.0825926	2.63307	2.63307	0.0132595	4.69103	4.69103	0.391242	1.55639
cg21784716	0.317305	0.661612	-1.51146	0.298098	0.649856	-1.5388	0.900833	0.951405	-1.05108	0.00745168	0.25234	-3.96291	0.773762	1.12207
cg05270381	0.385729	1.2785	1.2785	0.0303256	0.494871	-2.02073	0.313934	1.33342	1.33342	0.0199578	0.460232	-2.17282	0.983056	0.99415
cg05936283	0.913657	1.0426	1.0426	0.042373	0.406897	-2.45763	0.14092	0.543834	-1.8388	0.492772	0.764959	-1.30726	0.932615	0.967996
cg01717706	0.835529	1.03928	1.03928	0.437466	0.863466	-1.15812	0.835258	1.03935	1.03935	0.946005	1.01263	1.01263	0.00628394	1.93435
cg05557262	0.611659	1.07694	1.07694	0.320515	0.861921	-1.1602	0.0327853	1.43553	1.43553	0.181812	1.22773	1.22773	0.0517644	1.37773
cg02131130	0.355392	1.21244	1.21244	0.117568	1.41116	1.41116	0.980625	1.00493	1.00493	0.598836	1.11356	1.11356	0.120728	1.40634
cg00337558	0.104666	1.81021	1.81021	0.115946	0.564555	-1.77131	0.410766	0.754688	-1.32505	0.361334	1.36886	1.36886	0.756351	0.901096
cg21363811	0.143353	2.2735	2.2735	0.252149	1.86781	1.86781	0.155129	2.21352	2.21352	0.0182601	4.46514	4.46514	0.900095	0.936509
cg10327250	0.621148	0.912501	-1.09589	0.179963	0.769713	-1.29919	0.162615	1.31519	1.31519	0.327172	0.830345	-1.20432	0.85153	0.966148
cg23615248	0.75874	0.909255	-1.0998	0.0155997	0.400266	-2.49834	0.980341	1.00764	1.00764	0.511546	0.814164	-1.22825	0.0146392	0.395276
cg01575392	0.74619	1.14254	1.14254	0.180946	1.7911	1.7911	0.0180166	0.307572	-3.25128	0.0255436	0.336642	-2.97052	0.516856	0.763634
cg21251197	0.173367	0.817503	-1.22324	0.0700561	1.3254	1.3254	0.391149	1.12999	1.12999	0.247427	1.18318	1.18318	0.210686	1.20136
cg24419363	0.252099	0.775836	-1.28893	0.0559258	0.631651	-1.58315	0.0385729	0.601478	-1.66257	0.158416	0.726244	-1.37695	0.845943	1.04213
cg27420946	0.707725	0.894571	-1.11785	0.0207576	0.438888	-2.27848	0.192049	0.664649	-1.50455	0.150452	1.57765	1.57765	0.5163	1.21492
cg23089723	0.776477	1.08401	1.08401	0.00665871	0.368697	-2.71226	0.964372	1.01274	1.01274	0.439037	1.25065	1.25065	0.561091	0.846587
cg08464513	0.872651	0.894629	-1.11778	0.44046	0.579228	-1.72643	0.400037	0.549933	-1.8184	0.171714	0.364254	-2.74534	0.904963	1.08644
cg13311805	0.460253	0.431955	-2.31506	0.0318241	0.0602542	-16.5964	0.203247	0.223224	-4.47981	0.254474	3.77559	3.77559	0.419886	2.50973
cg11287077	0.44671	1.3195	1.3195	0.319043	1.44503	1.44503	0.561175	1.23373	1.23373	0.463881	1.3054	1.3054	0.273604	1.50272
cg05231706	0.62253	1.36606	1.36606	?	?	?	0.48715	0.641578	-1.55866	0.643142	0.745787	-1.34086	0.261088	2.0893
cg13462909	0.98524	1.0095	1.0095	0.0126562	0.205104	-4.87557	0.834568	1.11282	1.11282	0.920294	0.950126	-1.05249	0.0455032	0.30963
cg06739403	0.900154	0.960037	-1.04163	0.0409602	0.464668	-2.15208	0.0192405	0.398482	-2.50952	0.792877	0.918052	-1.08926	0.128672	1.70495
cg17082549	0.553969	0.871301	-1.14771	0.055649	0.607107	-1.64716	0.302081	0.781898	-1.27894	0.252125	0.759343	-1.31693	0.111095	1.491
cg15170743	0.0972249	0.762018	-1.31231	0.47578	1.11436	1.11436	0.972947	1.00508	1.00508	0.0471875	1.40371	1.40371	0.465073	0.894921
cg15687746	0.0419471	1.48275	1.48275	0.101288	0.739704	-1.35189	0.58319	1.09759	1.09759	0.923239	1.01633	1.01633	0.676471	1.07306
cg17640620	0.113527	0.640915	-1.56027	0.185188	1.43762	1.43762	0.543417	0.853087	-1.17221	0.0573669	1.74255	1.74255	0.852323	1.04932
cg08124634	0.0359881	0.712224	-1.40405	0.39567	0.88602	-1.12864	0.683064	1.05877	1.05877	0.450796	1.11282	1.11282	0.0479765	1.36959
cg09636394	0.669108	0.91166	-1.0969	0.365932	1.2212	1.2212	0.69849	1.08734	1.08734	0.0301634	1.73056	1.73056	0.198401	0.746467
cg22022067	0.344651	1.89776	1.89776	0.1193	0.32869	-3.04238	0.318165	0.507069	-1.97212	0.0319594	0.191235	-5.22917	0.0744976	0.270401
cg01831872	0.178194	0.777669	-1.28589	0.562229	0.902132	-1.10849	0.544082	0.897692	-1.11397	0.243314	1.23936	1.23936	0.215694	0.795298
cg17818798	0.140044	1.18324	1.18324	0.13104	1.18861	1.18861	0.564419	1.06369	1.06369	0.0194789	0.741349	-1.34889	0.650208	1.04957
cg27383335	0.501998	1.202	1.202	0.0282834	0.496963	-2.01222	0.370854	0.780268	-1.28161	0.46757	1.2209	1.2209	0.0634225	1.75701
cg10441640	0.783474	1.1397	1.1397	0.0119913	0.225853	-4.42765	0.261893	1.74261	1.74261	0.641633	1.24921	1.24921	0.345296	0.630379
cg00315816	0.481314	0.715039	-1.39852	0.312499	0.612885	-1.63163	0.109752	0.441753	-2.26371	0.0147339	0.244975	-4.08205	0.0674026	0.38275
cg22291576	0.588791	1.1251	1.1251	0.919166	1.02216	1.02216	0.332043	0.80564	-1.24125	0.304356	1.25825	1.25825	0.154188	0.719343
cg26386189	0.469201	1.14506	1.14506	0.0524693	0.66656	-1.50024	0.294007	1.22167	1.22167	0.0858573	0.70527	-1.4179	0.717026	0.93524
cg04436528	0.398364	1.28789	1.28789	0.223456	0.687801	-1.45391	0.544404	1.19664	1.19664	0.0302274	0.474468	-2.10762	0.104966	0.595473
cg20560185	0.754606	1.1685	1.1685	0.0249378	0.265744	-3.76302	0.0469789	0.323288	-3.09322	0.104086	0.413735	-2.41701	0.468477	1.44242
ch.1.3023296F	0.0880884	0.258695	-3.86556	0.255057	0.425858	-2.3482	?	?	?	0.392506	0.532966	-1.87629	0.288296	0.452966
cg15289807	0.896737	1.01903	1.01903	0.38314	1.13867	1.13867	0.798835	1.03778	1.03778	0.10841	1.28955	1.28955	0.814154	1.03478
cg05415378	0.24725	0.844455	-1.1842	0.445549	1.11479	1.11479	0.00534669	1.66983	1.66983	0.725454	1.05051	1.05051	0.685817	0.944751
cg22687239	0.411471	1.09843	1.09843	0.0151317	1.39607	1.39607	0.328736	1.11929	1.11929	0.819348	0.974751	-1.0259	0.834652	1.02364
cg24483552	0.541794	0.942862	-1.0606	0.294265	0.901558	-1.10919	0.920097	1.0096	1.0096	0.00908958	0.729226	-1.37132	0.030742	0.785262
cg14087880	0.163531	3.88566	3.88566	0.065533	6.59738	6.59738	0.0747852	6.11982	6.11982	0.410886	2.15451	2.15451	0.0457523	8.08857
cg07968760	0.345792	0.754385	-1.32558	0.268742	0.715785	-1.39707	0.59673	1.16767	1.16767	0.0142206	2.40594	2.40594	0.189709	1.49665
cg08265288	0.375132	0.76518	-1.30688	0.985403	1.00539	1.00539	0.457561	0.800571	-1.24911	0.125336	1.62867	1.62867	0.68015	0.885249

Probeset ID	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20453412	-1.584	0.146626	0.605457	-1.65164	2.24651	3.69053	1.46025	1
cg14661969	-1.13563	0.893193	0.976273	-1.0243	2.24645	1.13686	0.449841	1
cg04314308	3.46755	0.362802	1.58449	1.58449	2.24645	8.61547	3.40903	1
cg26708817	-1.07042	0.0128536	1.68631	1.68631	2.24644	1.01789	0.402765	1
cg14804187	-1.70035	0.350765	0.746687	-1.33925	2.24641	3.29136	1.30237	1
cg06024852	1.53022	0.327527	0.732665	-1.36488	2.29087	2.67298	1.33348	1
cg15833339	-1.15716	0.133739	0.798656	-1.2521	2.24639	0.68751	0.272045	1
cg00613997	-1.25293	0.00871336	0.294803	-3.39209	2.24639	4.75111	1.88	1
cg14792480	1.0144	0.62763	0.849256	-1.1775	2.24637	3.97535	1.57305	1
cg23120805	1.57415	0.998727	0.999675	-1.00033	2.24636	1.47639	0.584211	1
cg17995867	1.51779	0.985441	1.00682	1.00682	2.24634	4.93123	1.95132	1
cg21643403	-1.25417	0.540733	1.14325	1.14325	2.24633	1.66269	0.657939	1
cg03988527	24.4814	0.0369344	38.8638	38.8638	2.24631	81.1624	32.1168	1
cg18229556	1.27058	0.719452	0.909276	-1.09978	2.24631	2.47346	0.978778	1
cg10503219	1.30647	0.171234	1.24428	1.24428	2.24623	0.800739	0.316872	1
cg26575633	1.79159	0.386428	1.30094	1.30094	2.24622	3.12369	1.23612	1
cg19724668	-1.02394	0.962889	0.977411	-1.02311	2.56021	8.27718	2.42476	1
cg01655721	3.1041	0.500711	1.35937	1.35937	2.24621	7.1782	2.84062	1
cg18635361	-2.07051	0.990751	1.01092	1.01092	2.24617	31.2411	12.3632	1
cg09274104	-1.09786	0.6709	0.950337	-1.05226	2.24615	0.505266	0.199954	1
cg11014468	5.8159	0.347394	1.74268	1.74268	2.24614	11.7232	4.63935	1
cg14223395	1.07758	0.610997	1.03821	1.03821	2.24614	0.190114	0.0752358	1
cg16319517	2.1933	0.509449	0.783749	-1.27592	2.24611	4.71632	1.86647	1
cg26877357	1.94435	0.298739	0.71572	-1.3972	2.24611	3.43041	1.35757	1
cg12552033	1.20437	0.943849	1.01876	1.01876	2.24608	2.47638	0.980031	1
cg26018073	1.10267	0.416407	0.78515	-1.27364	2.24607	3.01687	1.19393	1
cg27523141	?	0.272148	1.98553	1.98553	2.266	11.4861	5.0689	1
cg05962793	-1.20005	0.122916	0.758981	-1.31756	2.24604	0.968457	0.383276	1
cg17864487	-1.26586	0.149444	0.63381	-1.57776	2.24603	3.0962	1.22536	1
cg06760507	1.36885	0.143755	2.1989	2.1989	2.24602	8.95127	3.54258	1
cg00452400	1.04441	0.821787	0.916919	-1.09061	2.24601	5.2578	2.08085	1
cg03767357	1.21057	0.143093	0.822441	-1.21589	2.24599	0.548815	0.217203	1
cg21006325	5.55857	0.829888	1.25996	1.25996	2.24598	41.0327	16.2395	1
cg10617171	-1.0511	0.334198	1.14529	1.14529	2.24597	0.659892	0.261165	1
cg00979695	-1.04361	0.191451	0.623505	-1.60384	2.24596	4.15019	1.64253	1
cg27184249	2.71318	0.0948016	2.64775	2.64775	2.24593	10.0048	3.95966	1
cg23175599	-1.03085	0.58193	0.949341	-1.05336	2.24589	0.310905	0.123051	1
cg01275685	-1.2181	0.523102	1.28261	1.28261	2.24585	5.26093	2.08224	1
cg17625643	-1.01561	0.597436	0.917234	-1.09023	2.24584	0.934719	0.369956	1
cg18505939	1.14844	0.175472	1.18526	1.18526	2.24584	0.49504	0.195934	1
cg25076881	-4.57237	0.322065	0.500636	-1.99746	2.24584	16.2714	6.44012	1
cg00910893	-2.13814	0.675808	0.822786	-1.21538	2.24582	7.65094	3.02822	1
cg08449138	-1.16661	0.852636	0.965683	-1.03554	2.24581	1.2543	0.49645	1
cg20631654	-2.72313	0.14582	0.518726	-1.9278	2.2458	6.28437	2.48735	1
cg00266322	5.69457	0.346072	1.63786	1.63786	2.2458	9.19584	3.63972	1
cg01561157	-1.3643	0.0478755	0.403329	-2.47937	2.24577	5.73111	2.26841	1
cg04215385	2.52769	0.627027	1.21699	1.21699	2.24576	5.72032	2.26414	1
cg11649388	1.53004	0.681285	1.08015	1.08015	2.24576	1.23979	0.490719	1
cg06281762	-1.21783	0.0628519	1.3278	1.3278	2.24574	0.652717	0.258352	1
cg00672638	-1.08437	0.260524	1.1712	1.1712	2.24574	0.64492	0.255267	1
cg01959412	-1.19687	0.93454	1.01365	1.01365	2.24574	0.969315	0.383666	1
cg11410859	-1.03618	0.424874	0.780507	-1.28122	2.24572	3.28885	1.30178	1
cg05986446	-4.20553	0.149989	0.316884	-3.15573	2.24567	19.722	7.80645	1
cg04023742	1.51427	0.86296	0.946125	-1.05694	2.24567	3.65468	1.44661	1
cg05173758	1.2269	0.00953765	4.10475	4.10475	2.24566	6.57996	2.60451	1
cg16175418	2.91884	0.288521	1.83825	1.83825	2.24566	10.8586	4.29811	1
cg10270785	1.7638	0.563576	1.2244	1.2244	2.24565	4.27581	1.69248	1
cg15441535	-2.61349	0.648743	0.709179	-1.41008	2.24561	19.9703	7.90494	1
cg07300574	1.09911	0.184977	0.634684	-1.57559	2.24558	3.71927	1.47223	1
cg14447193	1.9394	0.965455	0.972571	-1.0282	2.24556	14.6663	5.80557	1
cg01992603	1.93467	0.118705	2.03021	2.03021	2.24554	6.21754	2.46119	1
cg05181702	1.11221	0.718563	1.60342	1.60342	2.24552	60.532	23.9616	1
cg00663719	-1.54658	0.392078	0.736393	-1.35797	2.24552	4.33117	1.7145	1
cg02461627	1.98168	0.871259	0.927521	-1.07814	2.24551	7.65383	3.02978	1
cg13439914	1.04395	0.0483029	1.48129	1.48129	2.2455	1.07827	0.426839	1
cg11893951	-3.0885	0.368677	0.439708	-2.27424	2.24546	28.1627	11.1485	1
cg02593579	1.21067	0.451336	1.14127	1.14127	2.24545	1.05451	0.417443	1
cg04666027	-2.27769	0.316498	0.46782	-2.13758	2.24544	19.1376	7.57589	1
cg20648398	-1.01237	0.849172	0.962794	-1.03864	2.24542	1.41046	0.558356	1
cg02524946	5.97241	0.9658	1.03072	1.03072	2.2454	17.711	7.01125	1
cg05248960	1.08357	0.324274	0.721053	-1.38686	2.24538	3.67043	1.45303	1
cg10612998	-1.00606	0.216379	1.20733	1.20733	2.24534	0.74596	0.295311	1
cg20457594	-1.15029	0.988755	0.995907	-1.00411	2.24534	3.01238	1.19255	1
cg21755169	-1.10838	0.109984	0.69678	-1.43517	2.24534	1.52937	0.60545	1
cg21020089	-2.58229	0.246968	1.52501	1.52501	2.24534	4.32121	1.71069	1
cg00449756	-1.15143	0.461762	0.76255	-1.31139	2.24533	4.65585	1.84317	1
cg24217704	81.0106	0.0465949	30.6741	30.6741	2.24532	80.2525	31.7707	1
ch.14.1783623F	-1.85676	0.496784	0.80725	-1.23877	2.24532	3.42489	1.35586	1
cg03689568	1.03248	0.740141	0.871194	-1.14785	2.24529	6.10317	2.41619	1
cg27606669	4.98268	0.957156	1.03544	1.03544	2.24528	14.9417	5.9153	1
cg04561822	-1.74282	0.580388	0.879666	-1.1368	2.26515	1.68129	0.742244	1
cg10411339	-1.24074	0.78425	1.04568	1.04568	2.24523	0.942049	0.372959	1
cg19685398	-2.56544	0.786321	1.18348	1.18348	2.2452	13.6665	5.41066	1
cg16040995	1.59951	0.0453831	0.612108	-1.6337	2.24519	1.62626	0.643849	1
cg06379214	-1.167	0.335811	0.85868	-1.16458	2.24516	0.837998	0.331774	1
cg10198671	1.13545	0.159752	1.18905	1.18905	2.24516	0.472408	0.187033	1
cg05900227	1.02888	0.509946	0.850949	-1.17516	2.24515	2.07347	0.820918	1
cg18235635	-2.64878	0.0401692	0.2735	-3.6563	2.24513	10.6311	4.20904	1
cg12357606	-2.03924	0.841383	0.904097	-1.10608	2.24512	9.00189	3.56402	1
cg07322064	1.55639	0.213508	1.93411	1.93411	2.24512	9.01715	3.57008	1
cg21784716	1.12207	0.38768	0.702013	-1.42447	2.2451	5.6777	2.24794	1
cg05270381	-1.00588	0.283314	0.73492	-1.36069	2.24509	2.71438	1.07469	1
cg05936283	-1.03306	0.576257	0.804799	-1.24255	2.24508	5.26023	2.08267	1
cg01717706	1.93435	0.61114	1.0997	1.0997	2.24506	1.22139	0.483583	1
cg05557262	1.37773	0.530484	1.09635	1.09635	2.24506	0.745142	0.295025	1
cg02131130	1.40634	0.498976	0.870167	-1.14921	2.24506	1.45986	0.578005	1
cg00337558	-1.10976	0.595688	0.835945	-1.19625	2.24505	3.9811	1.57625	1
cg21363811	-1.0678	0.106001	2.51451	2.51451	2.24505	9.69876	3.84006	1
cg10327250	-1.03504	0.041544	0.649242	-1.54026	2.24504	1.20117	0.475586	1
cg23615248	-2.52988	0.677497	1.13786	1.13786	2.24503	3.39042	1.34239	1
cg01575392	-1.30953	0.812601	1.10235	1.10235	2.24503	5.98631	2.3702	1
cg21251197	1.20136	0.0694982	1.32632	1.32632	2.24502	0.687911	0.27237	1
cg24419363	1.04213	0.4456	1.17934	1.17934	2.245	1.60032	0.633633	1
cg27420946	1.21492	0.685226	1.12811	1.12811	2.24498	3.11133	1.23191	1
cg23089723	-1.18121	0.531957	0.835766	-1.19651	2.24492	2.85523	1.13054	1
cg08464513	1.08644	0.422509	0.566275	-1.76592	2.24491	17.1298	6.78265	1
cg13311805	2.50973	0.204736	0.224447	-4.45539	2.24491	44.3247	17.5507	1
cg11287077	1.50272	0.590957	1.21404	1.21404	2.2449	4.54357	1.79907	1
cg05231706	2.0893	0.681327	0.771373	-1.29639	2.2648	12.6013	5.56397	1
cg13462909	-3.22966	0.204705	0.504564	-1.98191	2.24488	9.28956	3.67832	1
cg06739403	1.70495	0.937537	1.02579	1.02579	2.24488	3.7533	1.48617	1
cg17082549	1.491	0.578727	1.13777	1.13777	2.24485	1.88285	0.745548	1
cg15170743	-1.11742	0.296437	1.17546	1.17546	2.24482	0.792762	0.313912	1
cg15687746	1.07306	0.143681	0.767968	-1.30214	2.24482	1.0039	0.397519	1
cg17640620	1.04932	0.765798	1.08023	1.08023	2.24481	2.37273	0.939542	1
cg08124634	1.36959	0.147206	0.805421	-1.24159	2.24478	0.688085	0.272469	1
cg09636394	-1.33964	0.986138	0.996269	-1.00374	2.24472	1.64531	0.651527	1
cg22022067	-3.69822	0.0752964	0.271588	-3.68204	2.2447	15.4015	6.0989	1
cg01831872	-1.25739	0.0495191	0.674409	-1.48278	2.24469	1.09838	0.434957	1
cg17818798	1.04957	0.52023	1.07152	1.07152	2.24468	0.399273	0.158111	1
cg27383335	1.75701	0.887273	1.03904	1.03904	2.24463	2.59194	1.02643	1
cg10441640	-1.58635	0.480239	0.711302	-1.40587	2.24462	8.01164	3.17268	1
cg00315816	-2.61267	0.374872	0.652591	-1.53235	2.24458	7.80631	3.09142	1
cg22291576	-1.39016	0.181005	0.735862	-1.35895	2.24457	1.65798	0.656587	1
cg26386189	-1.06924	0.46447	1.14677	1.14677	2.24456	1.20283	0.476343	1
cg04436528	-1.67934	0.599505	0.856382	-1.1677	2.24456	3.04345	1.20526	1
cg20560185	1.44242	0.180227	0.493252	-2.02736	2.24455	8.7677	3.47219	1
ch.1.3023296F	-2.20767	0.49138	0.605264	-1.65217	2.26445	16.4519	7.26528	1
cg15289807	1.03478	0.0557606	1.36986	1.36986	2.2445	0.749508	0.296827	1
cg05415378	-1.05848	0.204217	1.20592	1.20592	2.2445	0.694206	0.274926	1
cg22687239	1.02364	0.0569556	1.27229	1.27229	2.24449	0.444263	0.175942	1
cg24483552	-1.27346	0.675229	1.04096	1.04096	2.24448	0.322606	0.127763	1
cg14087880	8.08857	0.0214118	12.4686	12.4686	2.24448	29.6174	11.7295	1
cg07968760	1.49665	0.574479	1.17901	1.17901	2.24447	2.99546	1.18631	1
cg08265288	-1.12963	0.0798561	0.564692	-1.77088	2.24447	3.07309	1.21706	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20290491	KIAA1244	0.134406	0.700492	1.14785	1.14785	0.120399	1.82395	1.82395	0.383504	1.37549	1.37549	0.0248361	0.385612	-2.59328	0.721624	1.13614	1.13614	0.112182	0.539532	-1.85346	0.12881	1.79607	1.79607	0.797994	1.09582	1.09582	0.597664	0.82695	-1.20926	2.24444	4.52446	1.79187	1
cg27278017	PROCR	0.134407	0.306529	0.721202	-1.38657	0.696392	1.1287	1.1287	0.0393003	0.478925	-2.08801	0.312038	0.724061	-1.3811	0.0309371	0.457396	-2.18629	0.382536	0.75845	-1.31848	0.271609	0.702347	-1.4238	0.18695	0.6493	-1.54012	0.0210417	0.424506	-2.35568	2.24443	3.3882	1.34187	1
cg02029908	DUSP1	0.134409	0.915178	1.09318	1.09318	0.0157597	11.8714	11.8714	0.0709838	5.40231	5.40231	0.600988	0.643222	-1.55467	0.563451	1.62975	1.62975	0.725343	1.34308	1.34308	0.0946007	0.215146	-4.648	0.757106	1.29619	1.29619	0.449118	0.524663	-1.90599	2.24442	24.8573	9.84462	1
cg19690496	BPGM;BPGM	0.13441	0.0917123	3.25037	3.25037	0.493538	1.55491	1.55491	0.357653	1.82308	1.82308	0.509468	1.5293	1.5293	0.0675754	3.66937	3.66937	0.31149	1.94394	1.94394	0.00792711	8.68434	8.68434	0.128885	2.83426	2.83426	0.09688	3.17995	3.17995	2.24441	14.3254	5.67353	1
cg13410877	NEDD4L;NEDD4L;NEDD4L	0.134412	0.0680742	3.10825	3.10825	0.18113	0.45475	-2.19901	0.621968	1.31764	1.31764	0.107534	0.377245	-2.6508	0.42947	0.639128	-1.56463	0.63573	0.767332	-1.30322	0.0796183	0.339663	-2.94409	0.049434	0.288101	-3.47101	0.913692	0.941601	-1.06202	2.24439	10.9502	4.33681	1
cg11301233	ZNF17	0.134414	0.7403	0.843774	-1.18515	0.246235	0.538333	-1.85758	0.16267	0.467133	-2.14072	0.820298	0.8903	-1.12322	0.0052329	0.152414	-6.56107	0.920193	0.950109	-1.05251	0.0703018	0.355863	-2.81007	0.772863	1.15927	1.15927	0.56841	0.744968	-1.34234	2.24438	9.27034	3.67153	1
cg23065768	KCNJ11	0.134415	0.0539487	0.315392	-3.17065	0.195974	2.05695	2.05695	0.0358051	3.62648	3.62648	0.963575	1.02438	1.02438	0.222085	0.508229	-1.96762	0.265454	0.542227	-1.84425	0.306853	0.572382	-1.74709	0.487066	0.689062	-1.45125	0.738492	1.19329	1.19329	2.24437	9.88808	3.91621	1
cg19638435	CREB5;CREB5	0.134415	0.469019	1.70861	1.70861	0.342253	2.0371	2.0371	0.0654105	0.222281	-4.4988	0.890222	1.10563	1.10563	0.118355	3.43109	3.43109	0.478556	0.592229	-1.68854	0.278203	0.440469	-2.27031	0.197933	0.371765	-2.68987	0.0541555	4.89966	4.89966	2.24436	18.7944	7.44361	1
cg07888884	KSR1	0.134418	0.293608	0.714804	-1.39899	0.108043	0.582522	-1.71667	0.00744442	0.345695	-2.89272	0.835056	1.06637	1.06637	0.45877	1.26175	1.26175	0.244312	0.687022	-1.45556	0.996618	0.998695	-1.00131	0.70202	1.12578	1.12578	0.199841	0.658753	-1.51802	2.24434	3.37613	1.33714	1
cg25134283	SMOC2;SMOC2;SMOC2;SMOC2	0.134422	0.390574	0.864484	-1.15676	0.180949	0.790475	-1.26506	0.750095	0.948479	-1.05432	0.404091	1.15179	1.15179	0.182453	0.791192	-1.26392	0.25135	1.21942	1.21942	0.0169357	0.617454	-1.61955	0.197054	1.25325	1.25325	0.398968	0.866808	-1.15366	2.24432	0.973917	0.385732	1
cg09978395	MIR802	0.134425	0.162925	0.535791	-1.8664	0.0611612	0.413138	-2.4205	0.120313	0.493626	-2.02582	0.335038	0.659338	-1.51667	0.493932	0.747481	-1.33783	0.254894	1.64549	1.64549	0.496695	0.748915	-1.33527	0.0690256	0.426378	-2.34534	0.0260502	0.330707	-3.02382	2.24429	6.23921	2.47115	1
cg16091766	WDSUB1;WDSUB1;WDSUB1	0.134427	0.0664177	0.624741	-1.60066	0.897568	0.970997	-1.02987	0.789545	1.06304	1.06304	0.217498	0.743433	-1.34511	0.252943	0.761198	-1.31372	0.15253	0.704567	-1.41931	0.02178	0.533003	-1.87616	0.141901	1.43457	1.43457	0.391716	0.818299	-1.22205	2.24428	1.85609	0.735141	1
cg27397625	PPP2R5D;PPP2R5D;PPP2R5D	0.134432	0.022709	0.721924	-1.38519	0.0768932	0.790542	-1.26495	0.623247	0.942559	-1.06094	0.930286	1.01051	1.01051	0.72471	0.958636	-1.04315	0.0988333	0.80556	-1.24137	0.229114	1.16274	1.16274	0.206574	0.852862	-1.17252	0.091972	0.801211	-1.24811	2.24423	0.50735	0.20095	1
cg21986225	SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SCOC	0.134432	0.453164	0.623319	-1.60432	0.0318118	0.203602	-4.91155	0.364407	0.561423	-1.78119	0.0306186	0.200428	-4.98933	?	?	?	0.396504	0.584208	-1.71172	0.842495	0.884497	-1.13059	0.336758	0.541312	-1.84736	0.0238459	0.180729	-5.53313	2.38583	12.5096	4.5879	1
cg20803370	PPOX;PPOX	0.134434	0.5286	1.09447	1.09447	0.657312	1.06517	1.06517	0.362244	1.14158	1.14158	0.0931273	1.29847	1.29847	0.0182555	1.49948	1.49948	0.0179136	1.50202	1.50202	0.179035	1.22365	1.22365	0.818161	0.967962	-1.0331	0.202734	1.20942	1.20942	2.24422	0.710612	0.281459	1
cg02544836	KCTD5	0.134434	0.0673812	0.352493	-2.83694	0.629344	0.780814	-1.28071	0.149828	0.455897	-2.19348	0.223726	0.521889	-1.91612	0.0413684	0.302118	-3.30996	0.0455827	0.311522	-3.21004	0.144614	0.450608	-2.21922	0.467987	1.45599	1.45599	0.0739835	0.3631	-2.75407	2.24422	9.19923	3.64363	1
cg17729436	RIMBP2	0.134435	0.789022	0.840888	-1.18922	0.0970459	3.2441	3.2441	0.244325	2.19688	2.19688	0.696204	1.28859	1.28859	0.0413171	0.218544	-4.57574	0.606449	0.714784	-1.39902	0.0615117	0.256391	-3.90029	0.985659	0.988453	-1.01168	0.145285	0.364013	-2.74715	2.24421	14.8405	5.87805	1
cg12636971	CD55;CD55	0.134435	0.400705	0.590031	-1.69483	0.152046	0.390193	-2.56284	0.0284661	0.204784	-4.8832	0.0855167	0.311682	-3.2084	0.157089	0.395306	-2.52969	0.907557	0.931233	-1.07385	0.527202	1.4813	1.4813	0.788847	1.17896	1.17896	0.02871	0.205454	-4.86726	2.24421	13.3703	5.29571	1
cg11542086	IL7	0.134438	0.0533134	0.792365	-1.26205	0.406004	1.09431	1.09431	0.557628	0.939065	-1.06489	0.999859	1.00002	1.00002	0.0919833	0.821469	-1.21733	0.696846	1.04238	1.04238	0.184464	0.861362	-1.16095	0.0577305	1.25545	1.25545	0.30183	1.12009	1.12009	2.24419	0.399498	0.158235	1
cg14393316	CAMSAP1	0.134438	0.553132	1.20949	1.20949	0.134718	0.599758	-1.66734	0.0639288	0.516779	-1.93506	0.23835	1.47923	1.47923	0.150712	1.62947	1.62947	0.511218	0.809583	-1.2352	0.202426	1.53208	1.53208	0.0762624	1.86877	1.86877	0.913748	0.966236	-1.03494	2.24418	3.572	1.41482	1
cg09695260	KCNJ6;KCNJ6	0.13444	0.899336	0.976585	-1.02398	0.564334	0.896643	-1.11527	0.0454701	0.650845	-1.53647	0.45615	1.15268	1.15268	0.667267	1.08434	1.08434	0.632382	1.09443	1.09443	0.56568	0.896988	-1.11484	0.0373767	1.5719	1.5719	0.0560024	1.4997	1.4997	2.24417	1.2458	0.493445	1
cg07571022	CDK18;CDK18;CDK18	0.134443	0.120205	0.337323	-2.96452	0.204668	2.36991	2.36991	0.681792	0.766603	-1.30446	0.429223	0.594364	-1.68247	0.110669	0.32608	-3.06673	0.179249	0.398612	-2.50871	0.0429889	0.222813	-4.48807	0.0326003	0.199419	-5.01458	0.292479	0.494547	-2.02205	2.24415	14.7727	5.85133	1
cg24624406	PTHLH;PTHLH;PTHLH;PTHLH	0.134445	0.730165	1.29574	1.29574	0.0956181	3.93451	3.93451	0.536259	1.59782	1.59782	0.480537	0.584745	-1.71015	0.147715	0.312792	-3.19701	0.322331	0.465336	-2.14898	0.849916	0.867839	-1.15229	0.0131998	9.963	9.963	0.639154	1.42387	1.42387	2.24414	19.9006	7.88252	1
cg17378359	KIAA1688	0.134445	0.593655	1.34296	1.34296	0.00965364	6.00943	6.00943	0.0709506	3.01818	3.01818	0.760481	0.845846	-1.18225	0.67591	1.25886	1.25886	0.408621	1.58846	1.58846	0.187656	0.465545	-2.14802	0.407463	1.59037	1.59037	0.655654	0.782118	-1.27858	2.24413	10.6558	4.2207	1
cg00759619	C20orf199;SNORD12C;C20orf199;ZNFX1;C20orf199	0.134445	0.817055	0.854248	-1.17062	0.0261525	6.31405	6.31405	?	?	?	0.534288	1.53511	1.53511	0.100398	3.45824	3.45824	0.249644	0.438989	-2.27796	?	?	?	0.0987697	3.48354	3.48354	0.957348	0.964302	-1.03702	2.40877	13.4177	5.57035	1
cg04000821	LAIR2;LAIR2;LAIR2;LAIR2	0.134448	0.0899066	0.312412	-3.2009	0.0534942	0.255393	-3.91554	0.262483	0.483284	-2.06918	0.159688	0.392533	-2.54756	0.0341014	0.214579	-4.66029	0.0836733	0.303771	-3.29196	0.0417434	0.232048	-4.30946	0.137756	0.36982	-2.70402	0.11375	0.342677	-2.9182	2.24411	13.7673	5.45322	1
cg12791492	HOPX;HOPX;HOPX;HOPX;HOPX	0.13445	0.699266	1.07523	1.07523	0.705013	1.07365	1.07365	0.253249	1.24977	1.24977	0.991798	0.998081	-1.00192	0.82558	1.0421	1.0421	0.00543754	1.98066	1.98066	0.117812	0.728067	-1.3735	0.881015	1.02838	1.02838	0.939354	0.985883	-1.01432	2.24409	1.24093	0.491534	1
cg22535790	CARKD	0.134452	0.247397	0.727248	-1.37505	0.0189968	2.11251	2.11251	0.388352	1.26215	1.26215	0.37201	0.78555	-1.27299	0.602916	0.870913	-1.14822	0.608868	0.872922	-1.14558	0.0977004	1.61366	1.61366	0.511341	0.839104	-1.19175	0.221751	0.713047	-1.40243	2.24408	2.4648	0.976319	1
cg21970554	ZFP28;ZFP28	0.134452	0.873323	0.956325	-1.04567	0.94027	0.979245	-1.0212	0.692507	1.11767	1.11767	0.148331	1.54334	1.54334	0.745201	1.09556	1.09556	0.411904	1.26468	1.26468	0.0088112	0.393204	-2.54321	0.261217	1.3881	1.3881	0.260947	1.38838	1.38838	2.24408	2.78401	1.10276	1
cg07327417	MBOAT2	0.134454	0.212769	1.3026	1.3026	0.867784	0.966992	-1.03414	0.0328371	0.60476	-1.65355	0.819174	1.04721	1.04721	0.825352	1.04553	1.04553	0.0462382	0.63125	-1.58416	0.120322	1.40418	1.40418	0.43915	0.853031	-1.17229	0.356975	0.826251	-1.21029	2.24407	1.44243	0.571356	1
cg12213414	LYG2	0.134457	0.895052	0.935249	-1.06923	0.603508	1.30443	1.30443	0.0900481	0.387647	-2.57966	0.647237	0.791602	-1.26326	0.00870262	0.183457	-5.45088	0.266465	0.555841	-1.79908	0.245857	0.54031	-1.85079	0.987235	0.991918	-1.00815	0.0627903	0.345803	-2.89182	2.24404	9.14361	3.62188	1
cg25202370	HIVEP3;HIVEP3	0.134459	0.278202	0.746862	-1.33894	0.0219632	0.49096	-2.03683	0.0464564	0.554127	-1.80464	0.938838	1.02006	1.02006	0.0942113	0.621099	-1.61005	0.686483	0.900293	-1.11075	0.526019	1.18095	1.18095	0.136765	0.660393	-1.51425	0.0940339	0.620909	-1.61054	2.24403	2.38133	0.943276	1
cg02071798	SLC41A2	0.13446	0.0519279	0.490157	-2.04016	0.268552	0.689676	-1.44996	0.102389	0.561983	-1.77941	0.155153	0.612334	-1.6331	0.0157702	0.385291	-2.59544	0.10237	0.561961	-1.77948	0.130402	0.590569	-1.69328	0.678773	0.874356	-1.1437	0.0812038	0.536191	-1.86501	2.24402	3.69431	1.46337	1
cg18387099	RAB3IP;RAB3IP;RAB3IP;RAB3IP	0.134467	0.721552	0.928396	-1.07713	0.0117841	1.92139	1.92139	0.140111	1.39036	1.39036	0.0242539	1.74655	1.74655	0.432119	1.18111	1.18111	0.454592	1.17133	1.17133	0.768316	0.940513	-1.06325	0.59805	1.11679	1.11679	0.933936	0.982934	-1.01736	2.24396	1.53194	0.606837	1
cg11204444	TTC26;TTC26;TTC26;TTC26;TTC26;TTC26	0.134467	0.853526	1.02578	1.02578	0.494093	0.908804	-1.10035	0.179319	0.821662	-1.21705	0.848625	1.02666	1.02666	0.132858	1.2502	1.2502	0.906328	0.98392	-1.01634	0.869929	0.977685	-1.02282	0.558928	0.921837	-1.08479	0.00757649	1.60482	1.60482	2.24396	0.673942	0.266965	1
cg08220120	LOC389333;LOC389333	0.134471	0.345593	1.40321	1.40321	0.291257	1.4651	1.4651	0.0385517	2.30666	2.30666	0.866484	0.943005	-1.06044	0.320724	0.69921	-1.43019	0.0918504	0.523491	-1.91025	0.282543	1.47614	1.47614	0.0936157	0.525681	-1.90229	0.861136	0.940764	-1.06297	2.24394	4.32242	1.71224	1
cg16586336	KCTD5	0.134477	0.0115724	0.403319	-2.47943	0.13415	1.59136	1.59136	0.862029	1.0513	1.0513	0.271253	0.719346	-1.39015	0.109057	0.60496	-1.653	0.477555	0.812459	-1.23083	0.4246	1.26431	1.26431	0.809551	0.932914	-1.07191	0.802161	0.930341	-1.07487	2.24388	2.93963	1.1645	1
cg00614360	TBCD	0.134478	0.531049	0.799124	-1.25137	0.0283282	0.400596	-2.49628	0.0134753	0.339251	-2.94767	0.467373	1.29867	1.29867	0.850704	0.93558	-1.06886	0.540752	0.803455	-1.24462	0.278865	0.671737	-1.48868	0.596296	1.20796	1.20796	0.563933	1.22894	1.22894	2.24388	4.43827	1.75817	1
cg12640049	IGSF21	0.134478	0.406274	0.675121	-1.48122	0.019074	3.71366	3.71366	0.2886	1.66431	1.66431	0.704056	0.838223	-1.193	0.11016	0.447036	-2.23695	0.372648	0.654927	-1.52689	0.134901	0.474594	-2.10706	0.509339	1.36278	1.36278	0.819692	1.11135	1.11135	2.24388	7.5989	3.01022	1
cg26648758	TICAM1	0.134485	0.27109	1.50747	1.50747	0.279774	0.668654	-1.49554	0.148571	0.574057	-1.74199	0.46709	0.767148	-1.30353	0.0704909	0.484749	-2.06293	0.014175	0.338205	-2.95678	0.804217	0.914872	-1.09305	0.114008	0.540166	-1.85128	0.265757	0.660069	-1.51499	2.24383	4.55994	1.80641	1
cg13553293	IFI35	0.134485	0.200923	0.775328	-1.28978	0.0274506	1.63456	1.63456	0.595565	1.10619	1.10619	0.192274	1.29694	1.29694	0.26977	0.805335	-1.24172	0.203963	1.28733	1.28733	0.185729	1.30257	1.30257	0.563758	0.895883	-1.11622	0.26716	0.804303	-1.24331	2.24383	1.26123	0.499636	1
cg10464467	DSCR4	0.134486	0.992394	0.996458	-1.00355	0.165573	1.73415	1.73415	0.272932	1.52922	1.52922	0.326996	0.686129	-1.45745	0.0194067	0.349185	-2.86381	0.91206	1.04198	1.04198	0.216136	0.615972	-1.62345	0.120325	1.87246	1.87246	0.771028	0.897059	-1.11475	2.24382	4.92462	1.95089	1
cg01806972	ACTN3;ZDHHC24	0.134487	0.124003	2.51546	2.51546	0.967174	1.02305	1.02305	0.248126	1.95151	1.95151	0.898868	1.07295	1.07295	0.0583789	0.30592	-3.26883	0.930494	0.952838	-1.0495	0.138606	0.413584	-2.41789	0.0707025	3.06003	3.06003	0.181351	2.19412	2.19412	2.24381	10.898	4.31725	1
cg14229952	CTBP2;CTBP2	0.134488	0.600881	0.900274	-1.11077	0.744512	0.936989	-1.06725	0.456631	0.859942	-1.16287	0.386012	0.837885	-1.19348	0.431238	1.17338	1.17338	0.695704	0.924748	-1.08138	0.0611852	1.52179	1.52179	0.897324	0.974632	-1.02603	0.0097338	0.521632	-1.91706	2.24381	1.40774	0.557682	1
cg07470512	NECAB3;NECAB3;C20orf134;C20orf134	0.134489	0.150299	0.300014	-3.33318	0.745866	0.775765	-1.28905	0.692867	1.36336	1.36336	0.106434	3.96088	3.96088	0.252466	0.393243	-2.54295	0.471994	0.564838	-1.77042	0.220926	0.366148	-2.73114	0.196572	0.344355	-2.90398	0.0350974	6.79914	6.79914	2.24379	21.664	8.58228	1
cg18327385	PUM1;PUM1	0.134493	0.78562	1.14551	1.14551	0.571067	0.751834	-1.33008	0.183834	0.49533	-2.01885	0.037245	3.33612	3.33612	0.275925	0.568522	-1.75895	0.443693	0.67766	-1.47567	0.42311	0.665199	-1.50331	0.039633	3.27251	3.27251	0.416509	1.51248	1.51248	2.24377	8.82246	3.4951	1
cg13823415	TBXAS1;TBXAS1	0.134502	0.110414	2.02366	2.02366	0.090354	0.469454	-2.13013	0.32486	0.662356	-1.50976	0.980785	1.00981	1.00981	0.912365	1.04562	1.04562	0.548587	1.27884	1.27884	0.0188178	3.16818	3.16818	0.204346	1.72071	1.72071	0.589843	1.24672	1.24672	2.2437	5.83436	2.31141	1
cg08487696	SMARCD3;SMARCD3;SMARCD3	0.134502	0.262296	0.845559	-1.18265	0.484413	1.10737	1.10737	0.0163609	1.52381	1.52381	0.649812	0.936503	-1.0678	0.521892	1.09764	1.09764	0.337587	0.867717	-1.15245	0.097293	0.770154	-1.29844	0.279759	0.851061	-1.175	0.431414	0.891142	-1.12216	2.24369	0.732003	0.289999	1
cg13171943	MESP1	0.134503	0.404432	1.13322	1.13322	0.410895	1.1312	1.1312	0.0106769	1.60082	1.60082	0.980354	1.00362	1.00362	0.584403	1.08434	1.08434	0.0845286	1.32276	1.32276	0.442666	0.891584	-1.1216	0.170483	0.807353	-1.23862	0.870101	0.976292	-1.02428	2.24369	0.763734	0.302571	1
cg15734436	HLA-DPB1	0.134505	0.0604851	0.245648	-4.07086	0.77564	0.827367	-1.20865	0.295023	0.486642	-2.0549	0.157564	0.367051	-2.72442	0.0475234	0.222417	-4.49607	0.334405	0.516727	-1.93526	0.122933	0.330088	-3.02949	0.012859	0.128908	-7.75748	0.151974	0.361374	-2.76721	2.24367	15.6292	6.19191	1
cg10578717	WWP1	0.134509	0.0939636	1.95653	1.95653	0.556713	1.2419	1.2419	0.679795	0.859623	-1.1633	0.180043	1.68016	1.68016	0.481096	1.29823	1.29823	0.662753	1.17343	1.17343	0.0241301	0.375289	-2.66461	0.196675	0.608049	-1.64461	0.241554	1.56325	1.56325	2.24364	4.71993	1.86995	1
cg07030336	VTI1A;ZDHHC6;VTI1A	0.134509	0.766662	0.832085	-1.2018	0.00343729	0.0858831	-11.6437	0.848181	1.12568	1.12568	0.998945	1.00082	1.00082	?	?	?	0.947675	0.96027	-1.04137	0.950987	0.962741	-1.0387	0.660032	1.31447	1.31447	0.610097	0.727834	-1.37394	2.26352	12.159	5.37173	1
cg21438613	FAR2	0.13451	0.554325	1.21826	1.21826	0.14259	0.59439	-1.6824	0.0192407	0.39269	-2.54654	0.989028	0.995471	-1.00455	0.852543	1.06334	1.06334	0.721074	0.8884	-1.12562	0.327579	0.716354	-1.39596	0.402232	1.32707	1.32707	0.0271994	0.421958	-2.3699	2.24363	3.87158	1.53385	1
cg26477117	TEKT5	0.134511	0.0445876	3.33916	3.33916	0.505416	0.702362	-1.42377	0.867115	0.916169	-1.0915	0.135844	2.31709	2.31709	0.559629	0.734599	-1.36129	0.0899649	0.3764	-2.65675	0.0554559	3.11087	3.11087	0.342443	1.66758	1.66758	0.896299	1.07055	1.07055	2.24363	9.71277	3.84805	1
cg04285019	ST18	0.134512	0.176907	1.51869	1.51869	0.845517	1.05843	1.05843	0.345339	1.32702	1.32702	0.908399	0.967048	-1.03407	0.163068	1.54252	1.54252	0.938125	0.977653	-1.02286	0.00468765	2.98685	2.98685	0.1389	1.58999	1.58999	0.352343	1.3213	1.3213	2.24361	3.01137	1.19306	1
cg06768385	PTPN14	0.134514	0.99551	1.00141	1.00141	0.242501	0.736659	-1.35748	0.560848	1.15828	1.15828	0.464747	1.20431	1.20431	0.656142	1.11848	1.11848	0.667753	1.11393	1.11393	0.0604279	1.69735	1.69735	0.606292	0.878184	-1.13871	0.0128358	0.462017	-2.16442	2.2436	2.21852	0.87895	1
cg19275692	RELN;RELN	0.134516	0.0279654	0.250027	-3.99957	0.421302	0.644972	-1.55045	0.460344	0.669477	-1.4937	0.353084	0.600445	-1.66543	0.0522153	0.307655	-3.2504	0.946965	1.03615	1.03615	0.0297302	0.255184	-3.91874	0.136687	0.424905	-2.35347	0.064493	0.329984	-3.03045	2.24359	10.1262	4.0119	1
cg15107869	SSR3	0.134517	0.117678	0.522656	-1.9133	0.280534	1.53468	1.53468	0.106485	1.96023	1.96023	0.991326	1.00416	1.00416	0.299974	0.663547	-1.50705	0.52665	0.782731	-1.27758	0.0582036	0.441563	-2.26468	0.10163	1.98245	1.98245	0.443157	0.741881	-1.34792	2.24357	5.18117	2.05275	1
cg23533927	ABP1	0.134519	0.133477	0.751638	-1.33043	0.379032	0.852836	-1.17256	0.173067	0.774352	-1.2914	0.0427987	0.662805	-1.50874	0.578857	0.905834	-1.10395	0.484351	1.13355	1.13355	0.0656112	1.43973	1.43973	0.115256	0.739302	-1.35263	0.562675	0.901915	-1.10875	2.24356	1.10555	0.438012	1
cg07673241	ZFP82	0.13452	0.0584307	0.428576	-2.33331	0.0587248	0.429106	-2.33042	0.410448	1.39589	1.39589	0.297456	1.53419	1.53419	0.136155	0.529249	-1.88947	0.588245	1.24183	1.24183	0.324184	0.668011	-1.49698	0.49041	1.31994	1.31994	0.094311	0.482488	-2.07259	2.24356	5.57906	2.2104	1
cg05942152	SYVN1;SYVN1	0.134521	0.191237	0.750777	-1.33195	0.300585	1.24883	1.24883	0.924938	1.01971	1.01971	0.412583	0.840687	-1.1895	0.226197	0.768552	-1.30115	0.03958	0.61075	-1.63733	0.688181	0.919825	-1.08716	0.0682034	1.52657	1.52657	0.198676	1.32495	1.32495	2.24355	1.5248	0.60412	1
cg11320517	LENG8	0.134522	0.400954	1.17461	1.17461	0.185069	1.30096	1.30096	0.309907	1.21737	1.21737	0.431953	0.860593	-1.16199	0.0526002	0.661997	-1.51058	0.0266348	0.611532	-1.63524	0.476887	1.14498	1.14498	0.586717	1.10821	1.10821	0.802723	1.04797	1.04797	2.24354	1.2451	0.493308	1
cg12526120	GLRX2;GLRX2;GLRX2	0.134525	0.946164	1.01907	1.01907	0.414446	1.26287	1.26287	0.813153	1.06849	1.06849	0.31146	1.34039	1.34039	0.655957	0.882105	-1.13365	0.48479	1.21971	1.21971	0.00560029	0.361442	-2.7667	0.4239	0.795733	-1.2567	0.415867	1.26194	1.26194	2.24351	2.78106	1.10187	1
cg02849766	MIR1470;WIZ	0.134526	0.0871231	0.510903	-1.95732	0.280687	0.671237	-1.48979	0.149897	0.577649	-1.73115	0.333271	0.70131	-1.4259	0.0772138	0.497357	-2.01063	0.791431	0.910079	-1.09881	0.136557	0.565412	-1.76862	0.0077641	0.296605	-3.37149	0.86492	0.941266	-1.0624	2.24351	4.49072	1.77924	1
cg18273575	PRRG1;PRRG1;PRRG1;PRRG1	0.134526	0.0220611	0.0284839	-35.1076	0.771327	1.44352	1.44352	0.716412	1.58349	1.58349	0.208689	5.37784	5.37784	0.188996	5.85785	5.85785	0.0694956	0.0741502	-13.4861	0.257465	0.223637	-4.47153	0.579347	0.493563	-2.02608	0.702571	1.6216	1.6216	2.36629	58.1611	19.1171	1
cg08334432	COL6A1	0.134527	0.945338	0.979058	-1.02139	0.158879	1.59168	1.59168	0.0175725	0.409909	-2.43957	0.204721	0.661629	-1.51142	0.42689	0.778491	-1.28454	0.701216	0.887814	-1.12636	0.121248	1.67964	1.67964	0.627011	0.859719	-1.16317	0.211783	0.666305	-1.50082	2.2435	3.38516	1.34122	1
cg20516176	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.134527	0.0432702	0.411985	-2.42727	0.770738	0.894531	-1.1179	0.0258804	0.364598	-2.74275	0.303888	0.6662	-1.50105	0.0127997	0.307459	-3.25247	0.555041	0.796349	-1.25573	0.836938	0.924403	-1.08178	0.582597	0.809193	-1.2358	0.614329	0.823816	-1.21386	2.2435	5.16962	2.04824	1
cg06520715	FOSL2	0.134528	0.193022	0.777371	-1.28639	0.00651972	1.90841	1.90841	0.56583	1.11195	1.11195	0.292446	0.818995	-1.22101	0.738138	1.06326	1.06326	0.91112	1.02062	1.02062	0.642739	0.918145	-1.08915	0.559216	1.11401	1.11401	0.324346	1.20451	1.20451	2.24349	1.18752	0.470504	1
cg21193451	PBX3;PBX3;PBX3;PBX3	0.134529	0.838254	0.974685	-1.02597	0.408323	0.899339	-1.11193	0.795107	0.96788	-1.03319	0.0301408	0.726237	-1.37696	0.0828162	0.785866	-1.27248	0.132663	1.22574	1.22574	0.0466168	0.75138	-1.33088	0.273211	0.866709	-1.15379	0.324844	0.880254	-1.13604	2.24348	0.559181	0.221553	1
cg06076923	CYB5RL	0.134532	0.295101	0.70611	-1.41621	0.0379725	0.462513	-2.1621	0.697347	0.882276	-1.13343	0.4967	0.801584	-1.24753	0.0401297	0.467633	-2.13843	0.675355	1.14453	1.14453	0.0409637	0.469552	-2.12969	0.45645	0.784218	-1.27515	0.0415971	0.470989	-2.12319	2.24346	3.64944	1.44596	1
cg20060396	SCGN	0.134539	0.388484	0.765739	-1.30593	0.975847	1.00918	1.00918	0.0082603	2.77333	2.77333	0.222495	1.4728	1.4728	0.62463	1.16059	1.16059	0.985273	0.994442	-1.00559	0.498976	0.812797	-1.23032	0.0632989	1.87898	1.87898	0.934055	1.02531	1.02531	2.24341	3.24049	1.28396	1
cg23678274	GALNTL4	0.134542	0.171821	0.585127	-1.70903	0.0497489	2.28109	2.28109	0.606356	0.825712	-1.21108	0.554905	0.802485	-1.24613	0.0205949	0.357886	-2.79418	0.818076	1.0886	1.0886	0.359245	0.706578	-1.41527	0.985479	0.993317	-1.00673	0.16654	0.580727	-1.72198	2.24338	4.82333	1.91113	1
cg18462381	FOXI2	0.134544	0.0290024	4.15838	4.15838	0.975104	0.98287	-1.01743	0.0425967	3.64227	3.64227	0.0420316	3.65904	3.65904	0.785495	1.16305	1.16305	0.455637	0.656574	-1.52306	0.890858	1.07898	1.07898	0.492723	1.4707	1.4707	0.101389	2.69959	2.69959	2.24337	10.8921	4.31579	1
cg12545949	SMAP1;SMAP1;B3GAT2	0.134544	0.46811	0.66273	-1.50891	0.0656767	3.1615	3.1615	0.051122	3.44807	3.44807	0.500931	0.683401	-1.46327	0.149513	0.422676	-2.36588	0.113139	0.382586	-2.61379	0.62346	0.759005	-1.31751	0.507891	1.45401	1.45401	0.362432	0.59355	-1.68478	2.24337	11.0331	4.37164	1
cg05001882	JAG2;JAG2	0.134547	0.0344523	0.160775	-6.21989	0.766651	1.24673	1.24673	0.524328	1.61305	1.61305	0.858774	0.876357	-1.14109	0.416839	0.540702	-1.84945	0.104006	0.267885	-3.73294	0.0998216	3.80539	3.80539	0.0946094	3.9019	3.9019	0.961737	0.965075	-1.03619	2.24335	19.51	7.73051	1
cg01255458	TAP1	0.134551	0.218041	0.760811	-1.31439	0.745417	0.933573	-1.07115	0.336592	1.23249	1.23249	0.0767727	0.66017	-1.51476	0.0694498	0.651515	-1.53488	0.0158183	0.535949	-1.86585	0.559869	1.13245	1.13245	0.449857	0.850053	-1.1764	0.977325	0.994022	-1.00601	2.24331	1.58149	0.626647	1
cg00045690	PSMB9;PSMB9	0.134553	0.269019	0.58468	-1.71034	0.365661	0.648346	-1.54239	0.0150643	0.248374	-4.02618	0.998314	1.00099	1.00099	0.0688884	0.387071	-2.58351	0.383773	0.659436	-1.51645	0.410413	1.48062	1.48062	0.0441906	0.340349	-2.93816	0.309928	0.612714	-1.63208	2.2433	7.72255	3.06	1
cg16645344	LGR5	0.134555	0.0954275	1.43082	1.43082	0.0527882	0.650172	-1.53805	0.639757	0.911932	-1.09657	0.99293	0.998269	-1.00173	0.700907	1.0784	1.0784	0.63317	1.0986	1.0986	0.53075	0.883215	-1.13223	0.782877	0.94741	-1.05551	0.0164187	0.563544	-1.77448	2.24329	1.35886	0.53844	1
cg08321684	AGER;AGER	0.134555	0.697941	1.2606	1.2606	0.0231311	5.01578	5.01578	0.0161922	5.73517	5.73517	0.239268	2.07882	2.07882	0.284898	0.51706	-1.93401	0.60386	1.36455	1.36455	0.687133	1.27178	1.27178	0.228287	2.11887	2.11887	0.987476	1.00936	1.00936	2.24328	12.5276	4.96401	1
cg15963109	DHX33	0.134556	0.918351	1.02282	1.02282	0.807572	1.05517	1.05517	0.00690686	2.15866	2.15866	0.706818	1.08671	1.08671	0.379725	0.820117	-1.21934	0.31557	0.79583	-1.25655	0.643089	1.10815	1.10815	0.135597	0.70189	-1.42472	0.849594	1.04267	1.04267	2.24328	1.72074	0.681834	1
cg19992672	ARL4A;ARL4A;ARL4A;ARL4A	0.134559	0.431103	0.881635	-1.13426	0.076445	1.36204	1.36204	0.0343108	1.47268	1.47268	0.425602	0.880249	-1.13604	0.710124	0.943148	-1.06028	0.460031	1.12516	1.12516	0.061251	0.718472	-1.39184	0.483897	1.11799	1.11799	0.501496	1.11288	1.11288	2.24325	0.873188	0.346	1
cg23804060	SNTG2	0.134562	0.869095	1.04749	1.04749	0.383038	1.28613	1.28613	0.0105779	2.47079	2.47079	0.678687	1.12433	1.12433	0.240823	0.707921	-1.41259	0.897903	1.03677	1.03677	0.0875039	1.7	1.7	0.773742	1.08446	1.08446	0.218583	0.694881	-1.4391	2.24323	2.81135	1.11401	1
cg04534726	NR1D2;NR1D2	0.134565	0.0754398	0.731021	-1.36795	0.118924	0.764966	-1.30725	0.312286	1.17994	1.17994	0.128804	0.771167	-1.29674	0.494671	0.896034	-1.11603	0.017934	0.634226	-1.57672	0.438573	1.13323	1.13323	0.482371	0.893125	-1.11966	0.399328	0.872327	-1.14636	2.24321	0.890334	0.352802	1
cg14673194	CCDC57	0.134567	0.549091	0.835353	-1.1971	0.144669	0.628183	-1.59189	0.762692	1.09403	1.09403	0.294929	1.38036	1.38036	0.00524676	0.335344	-2.98201	0.410005	0.778773	-1.28407	0.879602	1.04601	1.04601	0.499087	0.81577	-1.22584	0.416095	0.781412	-1.27974	2.2432	3.1287	1.23978	1
cg05135523	ZNF668;ZNF646	0.13457	0.87408	1.02261	1.02261	0.715338	0.949675	-1.05299	0.274959	0.852037	-1.17366	0.0878154	1.30423	1.30423	0.517563	1.0969	1.0969	0.0175867	0.665474	-1.50269	0.141191	0.800049	-1.24992	0.408684	0.887691	-1.12652	0.213865	0.831513	-1.20263	2.24317	0.706073	0.279792	1
cg04718747	TUBB4;MIR220B	0.134571	0.602351	0.852195	-1.17344	0.0322446	0.466258	-2.14473	0.174128	0.644106	-1.55254	0.750397	0.90746	-1.10198	0.215643	0.672663	-1.48663	0.272884	0.706659	-1.41511	0.31336	1.37338	1.37338	0.119589	0.59818	-1.67174	0.0211419	0.430202	-2.32449	2.24316	3.28884	1.30326	1
cg25916404	HDLBP;HDLBP	0.134573	0.771931	1.13335	1.13335	0.00637697	4.61337	4.61337	0.02752	3.07316	3.07316	0.537437	1.30858	1.30858	0.743109	1.15217	1.15217	0.905823	0.950302	-1.0523	0.429638	1.41516	1.41516	0.240643	1.69739	1.69739	0.694469	1.18534	1.18534	2.24315	6.59019	2.61149	1
cg06573459	SGEF	0.134573	0.42303	0.75453	-1.32533	0.160983	0.597299	-1.6742	0.752403	0.896792	-1.11509	0.30559	1.4407	1.4407	0.386764	0.736854	-1.35712	0.101276	1.85446	1.85446	0.027938	0.409032	-2.4448	0.0809578	0.513745	-1.94649	0.881573	0.949984	-1.05265	2.24314	4.20872	1.66779	1
cg15885301	RIMBP2	0.134578	0.283506	1.57312	1.57312	0.282004	1.57552	1.57552	0.264831	0.623426	-1.60404	0.100676	2.07739	2.07739	0.920712	1.04131	1.04131	0.944911	1.0285	1.0285	0.93807	0.968899	-1.0321	0.139369	0.523709	-1.90946	0.0219974	0.327238	-3.05588	2.24311	5.87341	2.32749	1
cg08210950	HEXB	0.134579	0.663315	1.1216	1.1216	0.111492	0.634986	-1.57484	0.164993	1.47409	1.47409	0.0751491	1.6806	1.6806	0.154229	0.670605	-1.49119	0.379043	0.78944	-1.26672	0.223781	0.715451	-1.39772	0.112929	0.636341	-1.57149	0.538634	1.17716	1.17716	2.2431	2.43836	0.966268	1
cg27114727	C14orf43;C14orf43	0.134579	0.30815	0.833146	-1.20027	0.642592	1.08424	1.08424	0.50333	0.889107	-1.12472	0.119842	0.746738	-1.33916	0.00847799	0.559028	-1.78882	0.690967	0.933186	-1.0716	0.158491	0.770382	-1.29806	0.389233	0.858389	-1.16497	0.255769	1.2279	1.2279	2.2431	1.06394	0.421614	1
cg02184246	SPTY2D1	0.13458	0.636472	0.942988	-1.06046	0.509384	1.08602	1.08602	0.24159	1.16315	1.16315	0.15081	1.20906	1.20906	0.189802	1.18676	1.18676	0.504797	1.08703	1.08703	0.0520809	0.761507	-1.31319	0.0541727	0.763807	-1.30923	0.497035	0.918495	-1.08874	2.24309	0.540066	0.214017	1
cg21084508	CCDC108;CCDC108	0.134581	0.0587948	0.298307	-3.35225	0.026269	0.224519	-4.45397	0.276751	0.526705	-1.8986	0.458496	0.651939	-1.53389	0.0553238	0.291983	-3.42485	0.105863	0.367503	-2.72107	0.0318939	0.240488	-4.1582	0.325187	0.562279	-1.77848	0.199924	0.464217	-2.15416	2.24309	11.41	4.52154	1
cg19158124	NFASC;NFASC;NFASC;NFASC;NFASC;NFASC	0.134581	0.196266	1.35243	1.35243	0.411457	1.20388	1.20388	0.990045	1.00276	1.00276	0.349072	1.23736	1.23736	0.969096	0.991477	-1.0086	0.244107	1.30897	1.30897	0.00676173	2.172	2.172	0.0369255	1.70816	1.70816	0.802094	1.05705	1.05705	2.24308	1.73414	0.687205	1
cg15694987	EXT1	0.134584	0.232418	0.635017	-1.57476	0.942895	0.974357	-1.02632	0.039536	0.421742	-2.37112	0.855721	0.936131	-1.06823	0.0071187	0.283486	-3.52751	0.897334	0.954268	-1.04792	0.117753	0.5401	-1.85151	0.776505	0.901942	-1.10872	0.528714	0.793393	-1.26041	2.24306	4.6713	1.85116	1
cg25772559	RNF165	0.13459	0.0453921	0.65733	-1.52131	0.591187	1.1042	1.1042	0.13395	1.34377	1.34377	0.651397	1.0867	1.0867	0.572115	1.11	1.11	0.629758	0.91503	-1.09286	0.0528601	0.668793	-1.49523	0.322715	0.829661	-1.20531	0.15377	1.32204	1.32204	2.24302	1.18722	0.470486	1
cg00242976	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UBE2C	0.13459	0.248604	0.554672	-1.80287	0.292996	1.70423	1.70423	0.0544987	2.90407	2.90407	0.323392	1.64616	1.64616	0.621705	0.784222	-1.27515	0.75412	0.85766	-1.16596	0.484933	0.706933	-1.41456	0.943524	1.03523	1.03523	0.0149295	4.31788	4.31788	2.24302	8.4839	3.3621	1
cg08004620	MYOM2	0.13459	0.982302	0.990687	-1.0094	0.0323719	0.347562	-2.87719	0.739223	0.868557	-1.15133	0.295734	1.57993	1.57993	0.415783	0.704088	-1.42028	0.0652033	2.3946	2.3946	0.116522	0.487042	-2.05321	0.438002	1.39614	1.39614	0.260873	0.609787	-1.63992	2.24301	6.32115	2.50502	1
cg16537749	NACA2	0.13459	0.763485	0.929178	-1.07622	0.0779098	0.620741	-1.61098	0.0666789	0.606243	-1.6495	0.762969	0.929023	-1.0764	0.394445	1.23653	1.23653	0.0787443	1.60837	1.60837	0.0761183	1.61669	1.61669	0.686836	0.906061	-1.10368	0.645893	0.893498	-1.1192	2.24301	2.10466	0.83406	1
cg26542461	MORN1	0.134593	0.00639442	0.588071	-1.70048	0.0774236	1.34141	1.34141	0.753624	0.95398	-1.04824	0.574796	0.918684	-1.08851	0.941573	1.01103	1.01103	0.449158	0.891008	-1.12232	0.862055	0.974312	-1.02637	0.632009	0.930348	-1.07487	0.81378	1.03594	1.03594	2.24299	0.79536	0.315198	1
cg24946408	PPP1R15A;PPP1R15A	0.134593	0.465566	0.824293	-1.21316	0.0273282	1.9727	1.9727	0.133219	1.52421	1.52421	0.222854	0.716562	-1.39555	0.748028	0.919556	-1.08748	0.274919	0.744108	-1.34389	0.863922	0.956348	-1.04564	0.0697202	0.589915	-1.69516	0.953057	1.01544	1.01544	2.24299	2.40509	0.953128	1
cg14168573	OR52L1	0.134593	0.0156715	0.173278	-5.77106	0.0813963	0.318849	-3.13628	0.130609	0.380593	-2.62748	0.357174	0.571008	-1.75129	0.132666	0.38286	-2.61192	0.328065	0.550258	-1.81733	0.0760574	0.310946	-3.21599	0.0564048	0.278519	-3.59042	0.116444	0.364429	-2.74402	2.24299	12.4387	4.92941	1
cg06872548	RPTOR;RPTOR	0.134594	0.119202	0.482825	-2.07114	0.216443	1.75077	1.75077	0.42373	1.42163	1.42163	0.202085	0.559925	-1.78595	0.0560393	0.393809	-2.5393	0.132695	0.497301	-2.01086	0.0779864	0.430301	-2.32396	0.582085	1.2704	1.2704	0.229073	0.580727	-1.72198	2.24298	6.58619	2.61009	1
cg06826283	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.134596	0.0330473	0.539827	-1.85245	0.0373903	0.550188	-1.81756	0.204304	0.717958	-1.39284	0.133276	0.669921	-1.49271	0.260475	0.748031	-1.33684	0.853958	0.955446	-1.04663	0.154106	1.45846	1.45846	0.994062	1.00184	1.00184	0.307766	0.770176	-1.29841	2.24297	2.17341	0.861321	1
cg09357350	FNDC3B;FNDC3B	0.134597	0.279367	0.531787	-1.88045	0.556222	0.715904	-1.39684	0.457516	0.653877	-1.52934	0.920199	1.05788	1.05788	0.010463	0.16372	-6.10798	0.547475	1.4075	1.4075	0.608938	0.748459	-1.33608	0.170969	2.26733	2.26733	0.0824766	0.33958	-2.94482	2.24296	11.2009	4.43894	1
cg23752152	DNAH17	0.134599	0.140539	0.617825	-1.61858	0.237395	1.4564	1.4564	0.0356467	0.475808	-2.10169	0.651028	1.14833	1.14833	0.617906	0.858345	-1.16503	0.267855	1.41989	1.41989	0.0520138	0.510974	-1.95705	0.180041	0.648915	-1.54103	0.726146	0.898696	-1.11272	2.24295	3.27736	1.29883	1
cg00800095	PNMA3	0.1346	0.337038	1.77587	1.77587	0.0758536	3.14671	3.14671	0.51932	1.46085	1.46085	0.653248	1.30002	1.30002	0.0162053	0.181532	-5.50866	0.13006	2.58255	2.58255	0.462919	1.54269	1.54269	0.425665	1.60319	1.60319	0.555077	1.41391	1.41391	2.24294	11.9586	4.73927	1
cg19078236	AIP	0.1346	0.0462972	0.797683	-1.25363	0.879917	0.985142	-1.01508	0.983159	1.00209	1.00209	0.918494	1.01019	1.01019	0.0209868	1.31649	1.31649	0.329039	0.905065	-1.10489	0.319699	0.903192	-1.10718	0.558643	1.06031	1.06031	0.216115	1.13757	1.13757	2.24293	0.348296	0.138032	1
cg10806639	STARD13;STARD13;STARD13	0.1346	0.081759	0.463479	-2.15759	0.0765454	2.19333	2.19333	0.119291	1.96197	1.96197	0.63317	0.82556	-1.2113	0.0868877	0.470577	-2.12505	0.494234	0.758245	-1.31884	0.442869	0.73204	-1.36605	0.435244	0.72806	-1.37351	0.169957	0.558363	-1.79095	2.24293	5.64601	2.23755	1
cg02635482	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.134603	0.0649769	5.07253	5.07253	0.0470256	5.93739	5.93739	0.336147	2.17525	2.17525	0.226157	2.70717	2.70717	0.472385	0.563964	-1.77316	0.838726	1.17315	1.17315	0.543226	1.61964	1.61964	0.0346119	6.89325	6.89325	0.0452759	6.04794	6.04794	2.24291	21.8128	8.64463	1
cg25294752	RBM33	0.134603	0.986001	0.994288	-1.00574	0.161462	1.62942	1.62942	0.769889	0.908671	-1.10051	0.778175	1.09659	1.09659	0.00811484	0.330661	-3.02424	0.0802115	0.530626	-1.88456	0.581125	0.833642	-1.19956	0.970217	1.01226	1.01226	0.461607	0.782936	-1.27724	2.24291	3.78693	1.5008	1
cg17188180	MDC1	0.134605	0.240196	3.05667	3.05667	0.575188	0.599505	-1.66804	0.709984	0.713732	-1.40109	?	?	?	0.0530524	7.56517	7.56517	0.0394468	9.01907	9.01907	0.314419	0.389291	-2.56877	0.317186	0.391554	-2.55392	0.362351	0.428169	-2.33553	2.3843	26.7466	9.8156	1
cg13330341	ASCL2	0.134607	0.0769001	4.64833	4.64833	0.169868	3.13291	3.13291	0.0861082	4.39831	4.39831	0.874514	1.13139	1.13139	0.366849	0.484776	-2.06281	0.622747	0.678886	-1.473	0.0130635	11.0765	11.0765	0.584035	1.5401	1.5401	0.536846	1.62979	1.62979	2.24289	21.6707	8.58842	1
cg26988213	FLNC;FLNC	0.134607	0.624625	0.855161	-1.16937	0.22532	0.667622	-1.49785	0.0154613	0.389617	-2.56662	0.68007	1.14061	1.14061	0.0139543	0.381585	-2.62065	0.185058	0.640213	-1.56198	0.361759	0.742717	-1.34641	0.615884	0.851725	-1.17409	0.516273	0.811543	-1.23222	2.24288	3.57589	1.41718	1
cg23983449	GABARAP	0.134612	0.232108	1.38621	1.38621	0.117014	1.55851	1.55851	0.0192631	2.09125	2.09125	0.218547	1.40108	1.40108	0.592838	0.868788	-1.15103	0.358227	0.781764	-1.27916	0.275658	0.744141	-1.34383	0.790654	0.933016	-1.07179	0.169068	1.46494	1.46494	2.24284	2.41223	0.956019	1
cg14320087	C8orf84	0.134614	0.63504	1.0973	1.0973	0.373747	1.194	1.194	0.1192	1.38872	1.38872	0.191088	1.30842	1.30842	0.850875	0.964111	-1.03722	0.809488	1.04802	1.04802	0.0449472	0.639618	-1.56343	0.0831233	1.45146	1.45146	0.0647891	1.49596	1.49596	2.24283	1.33958	0.530908	1
cg06834274	YME1L1;MASTL;YME1L1;MASTL	0.134618	0.398193	1.16034	1.16034	0.8963	0.977831	-1.02267	0.795564	1.04565	1.04565	0.185541	0.785567	-1.27297	0.0264416	0.636066	-1.57216	0.673422	1.0756	1.0756	0.0166751	0.605035	-1.6528	0.722468	1.06323	1.06323	0.971293	0.993832	-1.00621	2.2428	1.04989	0.416104	1
cg10497894	BEST1;BEST1	0.134619	0.116859	0.298124	-3.35431	0.0242909	0.148469	-6.73543	0.0395435	0.184278	-5.42657	0.276951	0.447853	-2.23287	0.0466883	0.198291	-5.04308	0.0784071	0.249353	-4.01038	0.145882	0.329845	-3.03172	0.188641	0.371774	-2.68981	0.337224	0.495163	-2.01954	2.24279	17.9262	7.10474	1
cg25127392	WRB;WRB	0.134623	0.238085	0.610779	-1.63725	0.441205	0.731013	-1.36797	0.0572732	0.423996	-2.35851	0.914393	0.958007	-1.04383	0.056575	0.422708	-2.3657	0.679047	0.847052	-1.18056	0.327774	0.668306	-1.49632	0.120982	1.95588	1.95588	0.125848	1.93632	1.93632	2.24276	5.6535	2.24069	1
cg06254938	GRM1;GRM1	0.134625	0.277566	0.678416	-1.47402	0.0135404	0.349938	-2.85765	0.0872093	0.522633	-1.91339	0.16606	0.602012	-1.6611	0.365174	0.726362	-1.37672	0.29157	0.686582	-1.45649	0.0227471	0.391907	-2.55163	0.658488	0.858265	-1.16514	0.154151	0.592047	-1.68905	2.24274	4.1936	1.66209	1
cg15639469	LOC644936	0.134626	0.926552	1.01194	1.01194	0.956091	1.00711	1.00711	0.481048	0.911954	-1.09655	0.695757	0.950686	-1.05187	0.986472	1.00218	1.00218	0.274896	1.15741	1.15741	0.00561048	1.59668	1.59668	0.197821	0.839324	-1.19144	0.628347	0.939162	-1.06478	2.24274	0.588178	0.233119	1
cg16294425	RNF212;RNF212	0.134628	0.6874	0.930908	-1.07422	0.486898	1.13318	1.13318	0.0706677	0.699413	-1.42977	0.121311	0.742817	-1.34623	0.532297	1.11846	1.11846	0.9364	1.01423	1.01423	0.0536855	1.47369	1.47369	0.144903	0.757976	-1.3193	0.135301	0.752066	-1.32967	2.24272	1.11269	0.441007	1
cg24453836	CEP350;CEP350	0.134633	0.339855	1.3973	1.3973	0.0698854	2.01022	2.01022	0.901246	0.958844	-1.04292	0.403046	0.747738	-1.33737	0.265128	0.673253	-1.48533	0.582583	0.828459	-1.20706	0.561246	1.22043	1.22043	0.960334	0.983305	-1.01698	0.0118018	3.01385	3.01385	2.36536	4.20258	1.38189	1
cg07922297	THAP11;CENPT	0.134634	0.626266	0.926875	-1.07889	0.0928075	1.33129	1.33129	0.444159	0.886297	-1.12829	0.689612	1.06409	1.06409	0.0705281	1.36716	1.36716	0.0378565	1.45146	1.45146	0.141865	1.27681	1.27681	0.383466	0.870856	-1.1483	0.350667	0.861886	-1.16025	2.24267	0.850351	0.337039	1
cg01475503	DLL1	0.134635	0.065556	0.507534	-1.97031	0.114616	0.56945	-1.75608	0.061246	0.500536	-1.99786	0.689094	0.876366	-1.14108	0.0376056	0.453164	-2.20671	0.991285	0.996422	-1.00359	0.240214	1.49708	1.49708	0.664074	1.15418	1.15418	0.236821	0.66583	-1.50189	2.24267	3.82473	1.51595	1
cg11063877	LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP4	0.134637	0.973332	0.985012	-1.01522	0.415488	0.686599	-1.45646	0.189514	0.533734	-1.87359	0.693604	1.19588	1.19588	0.00463629	0.182407	-5.48224	0.505808	0.737118	-1.35663	0.871376	1.07595	1.07595	0.92758	0.959763	-1.04192	0.310939	1.6058	1.6058	2.24265	7.24927	2.87329	1
cg17270370	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.134639	0.0825407	0.647511	-1.54438	0.0314012	0.565219	-1.76923	0.0661368	0.627584	-1.59341	0.160659	0.712693	-1.40313	0.0521358	0.606957	-1.64756	0.151061	0.706262	-1.4159	0.308711	0.788109	-1.26886	0.454691	0.841881	-1.18782	0.0389164	0.582545	-1.7166	2.24264	1.81445	0.719172	1
cg14588598	PIP4K2A	0.134644	0.846409	0.918649	-1.08856	0.209037	1.78495	1.78495	0.464689	0.7221	-1.38485	0.289728	1.61738	1.61738	0.0115391	0.251019	-3.98376	0.240783	1.71143	1.71143	0.787354	1.12558	1.12558	0.206541	1.79127	1.79127	0.653551	0.820634	-1.21857	2.2426	6.79969	2.69517	1
cg14465148	SLC22A23;SLC22A23	0.134646	0.61491	1.17646	1.17646	0.982346	0.992936	-1.00711	0.483206	0.795895	-1.25645	0.0761358	1.88178	1.88178	0.051341	2.03555	2.03555	0.445458	1.28297	1.28297	0.0126929	2.69746	2.69746	0.288954	1.42283	1.42283	0.178134	1.5815	1.5815	2.24258	3.64526	1.44487	1
cg02013146	ANKRD11	0.134647	0.624186	1.63464	1.63464	0.0660377	7.78595	7.78595	0.0252953	14.1091	14.1091	0.818693	1.25673	1.25673	0.0365278	0.0890542	-11.2291	0.542231	1.84776	1.84776	0.686026	1.4985	1.4985	0.778378	1.32419	1.32419	0.878056	1.1651	1.1651	2.24257	35.1791	13.944	1
cg05735659	RPAP3;RPAP3;RPAP3	0.134653	0.296295	0.600825	-1.66438	0.502633	1.3772	1.3772	0.448911	1.43768	1.43768	0.0130162	0.234679	-4.26114	0.435888	0.688006	-1.45347	0.40725	1.49006	1.49006	0.0913862	0.417038	-2.39787	?	?	?	0.952039	0.9721	-1.0287	2.26238	7.04877	3.11564	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00251716	SDCCAG8	0.134653	0.168873	0.311775	-3.20744	0.00475958	0.0507888	-19.6894	0.133804	0.276486	-3.61682	0.672153	0.712892	-1.40274	0.1421	0.285136	-3.50709	0.310446	0.434135	-2.30343	0.235996	0.372577	-2.68401	0.150638	0.293829	-3.40334	0.471454	0.558566	-1.7903	2.24253	22.4499	8.89866	1
cg07404221	OSGIN1;OSGIN1	0.134655	0.528651	1.14917	1.14917	0.0293566	0.571779	-1.74893	0.0877323	0.663299	-1.50761	0.350365	0.811088	-1.23291	0.524035	0.868797	-1.15102	0.399567	0.828744	-1.20665	0.128521	1.43025	1.43025	0.0817229	0.656906	-1.52229	0.707182	1.08567	1.08567	2.24251	1.68513	0.667953	1
cg25600823	ST3GAL4	0.134656	0.972036	1.0153	1.0153	0.896329	0.945079	-1.05811	0.899486	0.946717	-1.05628	0.28331	1.62096	1.62096	0.00553311	0.206041	-4.85341	0.582623	1.27187	1.27187	0.470377	1.37465	1.37465	0.993975	1.00328	1.00328	0.221653	1.74474	1.74474	2.24251	6.66812	2.64312	1
cg09881240	CSNK1G2	0.134656	0.0582057	0.778903	-1.28386	0.0367995	1.32726	1.32726	0.160256	1.19138	1.19138	0.788579	0.969115	-1.03187	0.25921	1.14728	1.14728	0.853776	0.978695	-1.02177	0.139235	1.20413	1.20413	0.952174	1.00703	1.00703	0.17702	1.18233	1.18233	2.2425	0.48389	0.191805	1
cg09529667	SSBP4;SSBP4	0.134661	0.0643116	0.46722	-2.14032	0.221443	0.624692	-1.60079	0.944184	0.974694	-1.02596	0.0997544	0.516659	-1.93551	0.0780267	0.488298	-2.04793	0.914021	0.961234	-1.04033	0.0315318	0.397264	-2.51721	0.0479403	0.43702	-2.28823	0.101326	0.518529	-1.92853	2.24247	4.75966	1.88667	1
cg07756635	USP29	0.134661	0.261556	0.866153	-1.15453	0.131833	1.22095	1.22095	0.365014	0.892048	-1.12102	0.970985	1.00447	1.00447	0.174996	0.837747	-1.19368	0.859692	0.978519	-1.02195	0.0448048	1.32667	1.32667	0.41235	1.10834	1.10834	0.0569077	1.30271	1.30271	2.24247	0.534966	0.212054	1
cg02062123	SLC46A1	0.134661	0.0172631	0.380434	-2.62857	0.047259	0.469376	-2.13049	0.359667	0.730672	-1.3686	0.81234	0.923817	-1.08247	0.173352	0.617121	-1.62043	0.111071	0.560809	-1.78314	0.0494237	0.473744	-2.11084	0.107853	0.557337	-1.79425	0.647102	0.857637	-1.166	2.24247	3.94266	1.56283	1
cg01505870	C2orf89	0.134665	0.026735	6.15743	6.15743	0.11921	3.22502	3.22502	0.467525	1.66849	1.66849	0.684207	0.75339	-1.32733	0.118179	3.23741	3.23741	0.80246	0.84065	-1.18956	0.61008	0.700364	-1.42783	0.0265976	6.1712	6.1712	0.260911	2.25231	2.25231	2.24243	17.0309	6.75094	1
cg26807731	SHCBP1	0.134667	0.635805	1.0863	1.0863	0.351959	1.18082	1.18082	0.652915	0.924457	-1.08172	0.169948	0.775974	-1.2887	0.0214731	1.615	1.615	0.486679	1.13047	1.13047	0.0690138	0.70254	-1.42341	0.397132	1.16235	1.16235	0.333405	1.18901	1.18901	2.24242	1.06927	0.423855	1
cg03384128	EIF2AK4	0.134669	0.779146	0.905854	-1.10393	0.0250932	0.39175	-2.55265	0.0795004	0.504311	-1.9829	0.235243	0.645631	-1.54887	0.0176022	0.362108	-2.76161	0.158044	0.588125	-1.70032	0.187185	0.611602	-1.63505	0.882463	1.05341	1.05341	0.310428	0.691337	-1.44647	2.2424	4.39301	1.74139	1
cg19269412	OTX1	0.134677	0.999586	0.999755	-1.00024	0.233336	1.80439	1.80439	0.498318	1.38361	1.38361	0.0196706	3.78469	3.78469	0.572668	1.30898	1.30898	0.220104	1.83858	1.83858	0.0329337	3.24878	3.24878	0.280324	1.69904	1.69904	0.0277661	3.41646	3.41646	2.24234	7.92303	3.14077	1
cg12079975	PRKAG2;PRKAG2	0.134677	0.599022	0.703324	-1.42182	0.00442345	0.0804893	-12.424	0.0977088	0.299634	-3.3374	0.716921	1.27319	1.27319	0.347519	0.526454	-1.8995	0.25531	0.454871	-2.19842	0.261472	0.459901	-2.17438	0.404213	0.567717	-1.76144	0.988816	0.990746	-1.00934	2.24234	15.6249	6.19388	1
cg05437857	UST	0.134683	0.122273	0.547216	-1.82743	0.210321	1.60838	1.60838	0.331189	0.697019	-1.43468	0.699889	1.14963	1.14963	0.0430628	0.432566	-2.31179	0.0898949	0.510178	-1.9601	0.162412	0.584536	-1.71076	0.823535	1.08373	1.08373	0.0683959	0.479735	-2.08448	2.24229	4.60259	1.82455	1
cg21594702	VCAN;VCAN;VCAN;VCAN	0.134684	0.0340189	0.199085	-5.02298	0.0589325	0.248749	-4.02012	0.0509369	0.234479	-4.26477	0.116757	0.32903	-3.03923	0.0523847	0.237156	-4.21663	0.849593	0.883525	-1.13183	0.0949318	0.302089	-3.31028	0.790612	0.840648	-1.18956	0.244999	0.45237	-2.21058	2.24229	15.1101	5.98993	1
cg25061755	STON1-GTF2A1L;STON1	0.134684	0.768087	0.919219	-1.08788	0.0421315	1.94828	1.94828	0.987675	0.99561	-1.00441	0.888765	0.96092	-1.04067	0.106366	0.605147	-1.65249	0.422047	1.26316	1.26316	0.020281	2.21924	2.21924	0.93226	1.02451	1.02451	0.52461	0.832216	-1.20161	2.24229	2.88149	1.14228	1
cg02117685	RECQL5	0.134685	0.0559276	0.286077	-3.49556	0.233985	2.05664	2.05664	0.354231	1.73469	1.73469	0.858129	1.10894	1.10894	0.0181886	0.190676	-5.24451	0.19981	0.457128	-2.18757	0.580559	1.38065	1.38065	0.922943	0.94562	-1.05751	0.770117	1.18453	1.18453	2.24228	11.8612	4.70205	1
cg16828491	SH3TC1	0.134688	0.0632012	0.552018	-1.81154	0.426861	1.25949	1.25949	0.23529	0.702075	-1.42435	0.32311	0.748099	-1.33672	0.0334047	0.493191	-2.02761	0.68021	1.12508	1.12508	0.122789	1.60877	1.60877	0.905287	1.03443	1.03443	0.208035	0.685594	-1.45859	2.24226	2.87164	1.13839	1
cg01552059	QARS	0.134693	0.0252843	0.580446	-1.72281	0.62972	1.10445	1.10445	0.332919	1.22663	1.22663	0.213861	1.30691	1.30691	0.108842	1.42995	1.42995	0.223501	1.29895	1.29895	0.654531	0.912002	-1.09649	0.446303	0.8532	-1.17206	?	?	?	2.26206	1.33194	0.588817	1
cg03090449	MIR1256;H2BFM	0.134693	0.802696	0.963346	-1.03805	0.644939	1.07166	1.07166	0.473251	0.896906	-1.11494	0.353984	0.867411	-1.15286	0.136953	1.26993	1.26993	0.0749043	1.3443	1.3443	0.0262495	1.48176	1.48176	0.186493	0.811486	-1.23231	0.557253	0.915267	-1.09258	2.24222	0.790082	0.313214	1
cg16386641	FAM73A	0.134696	0.99817	0.999371	-1.00063	0.181023	0.677229	-1.47661	0.555833	0.849161	-1.17763	0.209175	1.43805	1.43805	0.638757	1.13856	1.13856	0.0378862	1.93612	1.93612	0.0760596	1.71903	1.71903	0.161748	1.5069	1.5069	0.0713716	1.73786	1.73786	2.2422	2.67461	1.06031	1
cg00929376	RUNX3;RUNX3	0.134697	0.111556	2.29322	2.29322	0.706635	0.834378	-1.1985	0.439046	1.45929	1.45929	0.312017	1.65011	1.65011	0.149443	2.09631	2.09631	0.0919297	0.411279	-2.43144	0.188273	0.512929	-1.94959	0.0721955	2.61411	2.61411	0.219351	1.85623	1.85623	2.24219	8.14358	3.22843	1
cg18401451	C21orf70	0.134698	0.861752	1.1583	1.1583	0.0243471	9.60671	9.60671	0.131642	3.94374	3.94374	0.43508	1.95702	1.95702	0.0545684	0.159037	-6.28786	0.956427	1.04714	1.04714	0.800672	1.23775	1.23775	0.239001	0.353567	-2.82831	0.561894	0.609906	-1.6396	2.24218	25.2423	10.007	1
cg09968133	F8	0.134701	0.928007	0.945195	-1.05798	0.928335	1.05771	1.05771	0.844376	0.884636	-1.13041	0.175102	0.406794	-2.45825	0.0669434	0.277789	-3.59986	0.212496	2.26824	2.26824	0.0411808	0.230113	-4.34569	0.904347	0.92776	-1.07786	0.0305232	0.204853	-4.88154	2.24216	13.8141	5.47649	1
cg27614485	PCDHB9	0.134701	0.083305	2.61388	2.61388	0.0302559	3.58494	3.58494	0.419961	1.51129	1.51129	0.220622	1.90672	1.90672	0.235914	0.536603	-1.86357	0.528988	1.37665	1.37665	0.821101	1.12021	1.12021	0.0243695	3.83669	3.83669	0.597666	1.30594	1.30594	2.24216	8.91954	3.53609	1
cg00014445	PTPRF;PTPRF	0.134702	0.853838	1.0427	1.0427	0.222281	0.747642	-1.33754	0.336178	0.798634	-1.25214	0.771068	0.935985	-1.06839	0.357228	1.23948	1.23948	0.0205144	0.531048	-1.88307	0.0942216	1.51766	1.51766	0.173515	0.720116	-1.38866	0.230213	0.751699	-1.33032	2.24215	1.82565	0.723768	1
cg09452291	WDR53	0.134707	0.859857	1.08381	1.08381	0.0677303	0.393799	-2.53937	0.0157897	0.260073	-3.84507	0.772342	0.87625	-1.14123	0.482531	0.722509	-1.38407	0.362582	0.653022	-1.53134	0.0302423	0.313413	-3.19068	0.209082	0.547191	-1.82751	0.122234	0.466381	-2.14417	2.24211	7.36413	2.91953	1
cg13898605	DHRS7C	0.13471	0.684716	0.895232	-1.11703	0.175725	1.47748	1.47748	0.0902982	0.602867	-1.65874	0.269974	0.732406	-1.36536	0.764985	0.921936	-1.08467	0.424024	1.24778	1.24778	0.0484606	1.84268	1.84268	0.0560577	1.79805	1.79805	0.79249	1.0741	1.0741	2.24209	2.61005	1.03477	1
cg22546318	ATP5G2;ATP5G2;ATP5G2	0.134719	0.926356	0.94529	-1.05788	0.137817	2.64461	2.64461	0.0719342	3.39592	3.39592	0.349377	1.79727	1.79727	0.0300674	0.211666	-4.72442	0.348923	1.79832	1.79832	0.602816	1.37644	1.37644	0.416298	1.65799	1.65799	0.104831	2.94098	2.94098	2.24202	13.1516	5.2142	1
cg19021960	C1orf35	0.13472	?	?	?	0.10773	3.39854	3.39854	0.0602614	4.65353	4.65353	0.312646	1.98086	1.98086	?	?	?	?	?	?	?	?	?	?	?	?	0.326299	0.515898	-1.93837	3.34155	8.12936	2.43281	1
cg02273166	CDCA4;CDCA4	0.134722	0.517463	1.14726	1.14726	0.270607	0.786534	-1.2714	0.712438	0.925427	-1.08058	0.199713	1.32792	1.32792	0.947606	0.986337	-1.01385	0.575564	0.888328	-1.12571	0.298034	1.25336	1.25336	0.0873519	1.48455	1.48455	0.0106326	1.95901	1.95901	2.242	1.55609	0.616944	1
cg05413918	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	0.134722	0.0374078	0.594367	-1.68246	0.0875608	1.50115	1.50115	0.222237	1.31826	1.31826	0.324399	1.2451	1.2451	0.865557	0.964158	-1.03717	0.978094	1.00593	1.00593	0.197611	0.74576	-1.34091	0.260879	0.776793	-1.28734	0.179673	0.735673	-1.3593	2.242	1.6475	0.653188	1
cg09301200	MUM1;MUM1	0.134726	0.0758661	0.229563	-4.35611	0.255184	0.412776	-2.42262	0.189951	0.35557	-2.81238	0.987151	0.988077	-1.01207	0.00807732	0.0799064	-12.5146	0.434168	0.55189	-1.81195	0.0622888	0.209486	-4.7736	0.174392	0.340905	-2.93337	0.323415	0.467815	-2.1376	2.24197	19.7	7.8106	1
cg02260885	IGF2BP2;IGF2BP2	0.13473	0.00675714	0.329501	-3.0349	0.893775	0.958638	-1.04315	0.934201	0.97423	-1.02645	0.262142	0.690943	-1.4473	0.972652	1.0109	1.0109	0.588431	1.18856	1.18856	0.908799	0.964415	-1.0369	0.126219	1.68726	1.68726	0.310126	0.717436	-1.39385	2.24193	3.54978	1.40743	1
cg09277709	FBXO46	0.134733	0.894459	0.962816	-1.03862	0.856685	1.05296	1.05296	0.379751	0.773187	-1.29335	0.26979	0.720316	-1.38828	0.00679571	0.367404	-2.7218	0.772827	0.920689	-1.08614	0.158774	0.6505	-1.53728	0.221035	1.44379	1.44379	0.245747	0.707102	-1.41422	2.24191	2.89386	1.14738	1
cg05793409	SFPQ	0.134735	0.940186	0.981582	-1.01876	0.468238	1.2006	1.2006	0.110045	1.53951	1.53951	0.137959	0.673219	-1.4854	0.726603	0.916717	-1.09085	0.578439	1.14918	1.14918	0.0208421	1.99167	1.99167	0.0792491	1.62036	1.62036	0.212725	1.38417	1.38417	2.2419	2.17879	0.86387	1
cg13714586	C8G;FBXW5	0.134736	0.823816	1.08282	1.08282	0.6667	1.16721	1.16721	0.357873	0.713629	-1.40129	0.728865	1.13221	1.13221	0.877546	0.946466	-1.05656	0.45467	1.31226	1.31226	0.00667481	0.28484	-3.51074	0.0907354	0.514282	-1.94446	0.583289	1.21859	1.21859	2.24189	4.52108	1.79257	1
cg06055013	ATRNL1	0.134739	0.581814	0.935709	-1.06871	0.177588	0.842677	-1.18669	0.252893	1.15334	1.15334	0.40641	1.10679	1.10679	0.163312	1.19452	1.19452	0.313726	0.882961	-1.13255	0.118656	0.816799	-1.22429	0.262529	0.869739	-1.14977	0.0496197	1.3068	1.3068	2.24187	0.506746	0.200922	1
cg27643182	SNORD115-29;SNORD115-36;SNORD115-43;SNORD115-11	0.134742	0.0637202	0.246116	-4.06312	0.138298	0.341882	-2.92499	0.207461	0.408991	-2.44504	0.912346	0.928613	-1.07687	0.00683725	0.0947725	-10.5516	0.315787	0.497773	-2.00895	0.713642	0.780439	-1.28133	0.25684	0.451136	-2.21663	0.130157	0.33303	-3.00273	2.24184	16.0622	6.36863	1
cg20674014	SCNN1D;SCNN1D	0.134743	0.0406586	0.638058	-1.56725	0.806197	0.954345	-1.04784	0.476774	0.871502	-1.14744	0.130434	1.36414	1.36414	0.0980372	0.708205	-1.41202	0.425827	0.856761	-1.16719	0.0267984	0.607304	-1.64662	0.906166	0.977831	-1.02267	0.875747	1.03019	1.03019	2.24184	1.28324	0.508807	1
cg02289168	FASN	0.134744	0.284467	0.799968	-1.25005	0.536903	0.882045	-1.13373	0.252461	0.786668	-1.27118	0.34303	0.821943	-1.21663	0.891736	1.02771	1.02771	0.736242	0.934391	-1.07022	0.00786805	1.9827	1.9827	0.383482	1.19648	1.19648	0.484484	0.867094	-1.15328	2.24182	1.4306	0.567238	1
cg10230885	TNFRSF25;TNFRSF25;TNFRSF25;TNFRSF25;TNFRSF25	0.134744	0.116811	0.700756	-1.42703	0.784743	0.944461	-1.0588	0.261645	0.783256	-1.27672	0.230212	0.768965	-1.30045	0.170083	0.737155	-1.35657	0.972678	0.992878	-1.00717	0.0286827	1.71364	1.71364	0.129831	0.710699	-1.40707	0.195399	0.751419	-1.33081	2.24182	1.54645	0.613171	1
cg27493345	ZNF205;ZNF205	0.134751	0.341223	1.18201	1.18201	0.508941	0.892044	-1.12102	0.852844	0.968836	-1.03217	0.283338	1.20931	1.20931	0.852392	1.03227	1.03227	0.00642017	1.83032	1.83032	0.541951	1.111	1.111	0.46976	0.882154	-1.13359	0.232878	0.807927	-1.23774	2.24177	1.03212	0.40925	1
cg13768142	NLGN4X;NLGN4X	0.134752	0.627608	0.890835	-1.12254	0.664076	0.901829	-1.10886	0.258584	0.756735	-1.32147	0.637048	0.893698	-1.11895	0.15895	1.42763	1.42763	0.768511	1.07229	1.07229	0.00663061	2.30085	2.30085	0.492222	0.847942	-1.17933	0.941338	1.01756	1.01756	2.24177	1.98537	0.787223	1
cg18509185	SOBP	0.134753	0.546129	0.765448	-1.30642	0.00690972	0.216552	-4.61782	0.191822	0.546278	-1.83057	0.427346	1.42565	1.42565	0.195158	0.549032	-1.82139	0.119678	0.477668	-2.09351	0.242062	0.585205	-1.7088	0.359789	0.662318	-1.50985	0.85663	1.08235	1.08235	2.24176	6.79863	2.69576	1
cg13278922	GSTA4	0.134754	0.229447	0.612077	-1.63378	0.102235	2.00605	2.00605	0.731985	1.14319	1.14319	0.55292	1.26323	1.26323	0.0352923	0.385079	-2.59687	0.356445	1.4466	1.4466	0.0580632	0.434352	-2.30228	0.367401	0.697377	-1.43394	0.842079	0.925286	-1.08075	2.24174	5.38005	2.13328	1
cg00417165	LTBP2	0.134755	0.0685181	0.746072	-1.34035	0.991399	1.00155	1.00155	0.142504	1.25415	1.25415	0.584445	1.08257	1.08257	0.0660274	1.3448	1.3448	0.1875	0.81819	-1.22221	0.109677	0.7784	-1.28469	0.367282	1.1423	1.1423	0.931188	0.98767	-1.01248	2.24174	0.732655	0.29051	1
cg18590995	PARP1	0.134755	0.47057	0.757782	-1.31964	0.0697658	2.15175	2.15175	0.437843	1.34856	1.34856	0.143312	0.551957	-1.81174	0.0215834	0.352532	-2.83662	0.734665	0.879377	-1.13717	0.248006	1.57828	1.57828	0.849476	1.07443	1.07443	0.727853	1.14111	1.14111	2.24174	5.06919	2.01002	1
cg02399571	DLG4;DLG4	0.134755	0.17401	0.821646	-1.21707	0.0207531	0.685119	-1.4596	0.763023	1.04193	1.04193	0.515044	0.914234	-1.09381	0.494986	1.0987	1.0987	0.823341	0.970084	-1.03084	0.0677724	1.32038	1.32038	0.435845	0.89764	-1.11403	0.243259	1.1804	1.1804	2.24174	0.655079	0.25975	1
cg12936797	RNF150	0.134755	0.547211	1.12427	1.12427	0.226766	0.783465	-1.27638	0.799464	0.952229	-1.05017	0.975948	0.99422	-1.00581	0.985734	0.996568	-1.00344	0.24329	1.26462	1.26462	0.0437505	0.640363	-1.56161	0.0175647	0.573705	-1.74306	0.404127	1.17839	1.17839	2.24174	1.31277	0.520534	1
cg12230250	CACNA1I;CACNA1I	0.134756	0.200328	0.360549	-2.77355	0.217165	2.66225	2.66225	0.388396	1.94768	1.94768	0.970236	0.972256	-1.02854	0.0118965	0.0937248	-10.6695	0.200153	2.77477	2.77477	0.527309	0.616938	-1.62091	0.475902	0.578865	-1.72752	0.577779	1.52813	1.52813	2.24174	20.1908	8.006	1
cg04047221	SOX1;SOX1	0.134756	0.216051	1.90898	1.90898	0.0576468	0.34435	-2.90402	0.0628515	0.353664	-2.82754	0.882332	0.929085	-1.07633	0.138317	0.452734	-2.2088	0.0921818	2.51069	2.51069	0.813221	0.889099	-1.12473	0.358939	0.625961	-1.59754	0.698153	1.21354	1.21354	2.24173	8.75666	3.47218	1
cg00288957	ANKDD1A	0.134758	0.108108	0.37848	-2.64215	0.659299	0.781999	-1.27877	0.817388	0.879686	-1.13677	0.298522	0.550333	-1.81708	0.16237	0.437485	-2.28579	0.100059	0.368355	-2.71477	0.0342633	0.254382	-3.93109	0.0112997	0.172325	-5.803	0.360829	0.594142	-1.6831	2.24172	10.9058	4.32437	1
cg21556389	HIC1	0.134761	0.378377	0.804119	-1.2436	0.188212	0.714381	-1.39981	0.244744	1.34114	1.34114	0.311481	0.776795	-1.28734	0.0448819	0.573896	-1.74248	0.593341	0.87808	-1.13885	0.444608	1.20681	1.20681	0.279247	1.31174	1.31174	0.0645575	1.65009	1.65009	2.2417	2.06578	0.819134	1
cg14125003	SUV420H1;SUV420H1	0.134762	0.0520041	0.220372	-4.53778	0.204006	0.399656	-2.50215	0.820072	0.855673	-1.16867	0.911491	1.07904	1.07904	0.119508	0.314817	-3.17645	0.138671	0.33603	-2.97593	0.0138075	0.124669	-8.02123	0.102507	0.294527	-3.39527	0.158699	0.356746	-2.80311	2.24169	16.618	6.5895	1
cg02346563	TUB	0.134762	0.507798	0.805738	-1.2411	0.0547652	2.01446	2.01446	0.632721	1.16741	1.16741	0.18668	1.5683	1.5683	0.0195624	0.403734	-2.47688	0.612151	0.848431	-1.17865	0.55916	1.20911	1.20911	0.796479	1.08664	1.08664	0.325068	0.72131	-1.38637	2.24168	3.66918	1.45493	1
cg26241555	PSMA4;PSMA4;PSMA4	0.134766	0.250381	1.24752	1.24752	0.304218	1.21644	1.21644	0.619488	1.09656	1.09656	0.455199	1.15034	1.15034	0.0149987	0.576604	-1.73429	0.10009	1.39342	1.39342	0.845193	1.03665	1.03665	0.421975	1.16304	1.16304	0.180616	1.29922	1.29922	2.24165	1.20368	0.477299	1
cg12703142	ZNF33A;ZNF33A	0.134767	0.150361	1.28238	1.28238	0.108423	0.753885	-1.32646	0.708333	1.0625	1.0625	0.0878698	1.35513	1.35513	0.50204	1.11618	1.11618	0.0638708	1.39938	1.39938	0.314996	1.18249	1.18249	0.174041	1.26276	1.26276	0.049869	1.43453	1.43453	2.24165	0.924009	0.3664	1
cg00922073	ING1;ING1;ING1	0.134768	0.0724313	0.779084	-1.28356	0.00834586	1.52164	1.52164	0.730191	0.957803	-1.04406	0.630588	0.941443	-1.0622	0.852832	0.977139	-1.0234	0.948594	1.00806	1.00806	0.369506	1.12162	1.12162	0.508261	0.919819	-1.08717	0.890716	1.01727	1.01727	2.24164	0.550595	0.21833	1
cg09912552	NDRG1;NDRG1	0.134769	0.81921	0.903866	-1.10636	0.936883	0.965639	-1.03558	0.0225041	0.299217	-3.34206	0.506579	0.742663	-1.34651	0.608004	0.795798	-1.2566	0.235939	1.73037	1.73037	0.0128528	0.25565	-3.9116	0.811067	0.899668	-1.11152	0.797712	0.892798	-1.12007	2.24163	6.92004	2.74405	1
cg26672614	CBX7	0.134771	0.589131	0.834396	-1.19847	0.777368	0.910172	-1.09869	0.972697	0.988701	-1.01143	0.383015	1.34585	1.34585	0.12703	0.57813	-1.72971	0.00627173	0.306544	-3.26218	0.181388	0.624322	-1.60174	0.593078	1.19613	1.19613	0.357574	0.730415	-1.36909	2.24161	3.91385	1.552	1
cg25264393	GLB1L3	0.134773	0.0777142	0.507119	-1.97192	0.438272	1.31497	1.31497	0.667547	1.16142	1.16142	0.326674	1.42005	1.42005	0.0111537	0.332312	-3.00922	0.700321	0.874645	-1.14332	0.814027	1.08503	1.08503	0.996712	0.998574	-1.00143	0.164575	0.598377	-1.67119	2.2416	4.25811	1.68852	1
cg08580308	FBXO36	0.134775	0.13918	0.508378	-1.96704	0.0384233	0.360762	-2.77191	0.13344	0.502556	-1.98983	0.401964	0.694473	-1.43994	0.0268697	0.328132	-3.04755	0.0566264	0.399654	-2.50216	0.0822615	0.441208	-2.2665	0.171336	0.538459	-1.85715	0.120058	0.488312	-2.04787	2.24159	6.41393	2.54341	1
cg26621897	TMSB15A	0.134777	0.030661	0.210256	-4.7561	0.185378	0.4221	-2.36911	0.0972883	0.327081	-3.05735	0.693528	0.784083	-1.27538	0.0450446	0.243545	-4.10601	0.061281	0.273889	-3.65112	0.0917921	0.31981	-3.12686	0.0733091	0.293322	-3.40923	0.725825	0.805551	-1.24139	2.24157	13.3903	5.30987	1
cg07802625	SPOCD1	0.134778	0.153541	2.17002	2.17002	0.2019	1.98018	1.98018	0.829982	0.896711	-1.11519	0.420271	1.51812	1.51812	0.222621	1.91512	1.91512	0.201405	1.98183	1.98183	0.00662406	5.9709	5.9709	0.063754	2.87663	2.87663	0.385041	1.5707	1.5707	2.24157	9.12554	3.61872	1
cg24275354	NDUFA10	0.13478	0.123304	0.793845	-1.25969	0.571495	0.923966	-1.08229	0.373118	1.13479	1.13479	0.0243635	0.690006	-1.44926	0.520938	1.09415	1.09415	0.122404	0.793332	-1.26051	0.955481	1.00775	1.00775	0.80747	0.966799	-1.03434	0.0991848	1.28399	1.28399	2.24155	0.678981	0.269251	1
cg20416769	LAMB3;LAMB3;LAMB3	0.134786	0.0759463	0.203494	-4.91414	0.617579	1.50048	1.50048	0.148538	0.28674	-3.48748	0.133223	0.27096	-3.69058	0.73846	0.763278	-1.31014	0.95917	1.04213	1.04213	0.160141	3.35262	3.35262	0.318425	2.29624	2.29624	0.0388741	0.14547	-6.87428	2.2415	23.0701	9.14867	1
cg00007898	DSTYK;DSTYK	0.134787	0.451888	1.24388	1.24388	0.256948	0.71398	-1.4006	0.0234039	0.462469	-2.16231	0.356921	1.30969	1.30969	0.262796	0.71717	-1.39437	0.0716	0.56392	-1.7733	?	?	?	0.882995	1.04283	1.04283	0.396966	1.28015	1.28015	2.26132	2.58117	1.14144	1
cg00241432	ABCC4;ABCC4	0.134787	0.0172675	0.090425	-11.0589	0.265531	0.382367	-2.61529	0.271343	0.387198	-2.58266	0.57129	0.622476	-1.60649	0.0108559	0.0706292	-14.1584	0.549361	0.60535	-1.65194	0.270608	0.386588	-2.58673	0.905714	0.906487	-1.10316	0.167955	0.295945	-3.379	2.24149	24.3719	9.66497	1
cg18441041	CUX1;CUX1;CUX1	0.134788	0.223657	1.65478	1.65478	0.628166	0.825087	-1.21199	0.777539	1.11805	1.11805	0.020895	2.98947	2.98947	0.0717711	0.45295	-2.20775	0.917266	1.04178	1.04178	0.252343	0.624339	-1.60169	0.794451	1.10834	1.10834	0.199987	0.586619	-1.70468	2.24149	5.5098	2.18498	1
cg12899889	ENOPH1;HNRPDL;HNRPDL	0.134789	0.987675	1.00402	1.00402	0.799819	1.06826	1.06826	0.234898	1.38203	1.38203	0.290779	1.32963	1.32963	0.530745	1.17942	1.17942	0.17644	1.45276	1.45276	0.124701	0.649237	-1.54027	0.0216352	0.488374	-2.04761	0.24896	0.731132	-1.36774	2.24148	2.3975	0.950762	1
cg06189986	ZC3H4	0.13479	0.104467	0.402465	-2.48469	0.453872	1.47885	1.47885	0.228785	1.9112	1.9112	0.0268023	0.260462	-3.83933	0.440804	0.668223	-1.49651	0.508156	0.708739	-1.41096	0.877142	1.08257	1.08257	0.131886	2.30255	2.30255	0.298269	1.73835	1.73835	2.24147	9.33647	3.70252	1
cg18828816	PKP4;PKP4	0.134791	0.934198	0.987759	-1.01239	0.593779	0.922844	-1.08361	0.15344	0.796143	-1.25606	0.605908	0.925314	-1.08071	0.841159	1.03038	1.03038	0.0147377	1.56466	1.56466	0.0648851	1.36234	1.36234	0.34793	0.865769	-1.15504	0.786162	1.04139	1.04139	2.24146	0.789707	0.313171	1
cg11809342	TANC1;TANC1	0.134794	0.0714295	0.63991	-1.56272	0.807936	1.05549	1.05549	0.131297	0.696802	-1.43513	0.060696	0.625686	-1.59825	0.022164	0.544361	-1.83701	0.0994293	0.670013	-1.49251	0.363698	0.813026	-1.22997	0.983087	0.995311	-1.00471	0.0969187	0.667622	-1.49785	2.24144	1.74551	0.692217	1
cg18942757	LOC100128554	0.134794	0.986696	1.00585	1.00585	0.911599	1.03963	1.03963	0.201223	1.60384	1.60384	0.625231	1.18802	1.18802	0.0129001	0.339452	-2.94593	0.627314	0.842622	-1.18677	0.85036	0.936036	-1.06833	0.391359	1.35984	1.35984	0.0507997	0.458956	-2.17886	2.24144	4.34841	1.72445	1
cg02275016	FRMPD4	0.134796	0.23386	2.53403	2.53403	0.790972	0.820448	-1.21885	0.350666	0.488871	-2.04553	0.167874	0.334532	-2.98925	0.0895701	0.247978	-4.03262	0.690882	1.34687	1.34687	0.0351525	0.160696	-6.22292	0.0325127	0.154979	-6.45249	0.808039	0.834149	-1.19883	2.24142	19.7033	7.8138	1
cg14547067	CREB3L1	0.134798	0.0212492	0.304061	-3.28881	0.664571	1.19999	1.19999	?	?	?	0.312987	1.54954	1.54954	0.851386	1.08146	1.08146	0.136052	1.97076	1.97076	?	?	?	0.905858	1.05064	1.05064	?	?	?	2.43452	4.38596	2.10183	1
cg26663123	C19orf42	0.134798	0.0466449	0.349304	-2.86284	0.748165	0.861808	-1.16035	0.292614	0.604058	-1.65547	0.50652	1.36501	1.36501	0.251438	0.575111	-1.7388	0.641183	0.805174	-1.24197	0.0191706	0.270228	-3.70058	0.149279	2.04202	2.04202	0.979034	1.01221	1.01221	2.24141	7.5668	3.00081	1
cg01930947	C1orf111	0.134799	0.19488	0.458124	-2.18282	0.905223	0.934437	-1.07016	0.16126	0.426668	-2.34374	0.299465	0.542161	-1.84447	0.0102172	0.158264	-6.31855	0.631282	0.759356	-1.31691	0.126197	0.38987	-2.56496	0.477737	0.663028	-1.50823	0.0269679	0.225094	-4.44259	2.2414	11.5055	4.5628	1
cg18110165	EMB;EMB	0.134803	0.480702	1.18539	1.18539	0.298685	0.774469	-1.29121	0.142247	0.687769	-1.45398	0.743745	0.925123	-1.08094	0.260638	1.32097	1.32097	0.803151	0.942462	-1.06105	0.00667459	0.433868	-2.30485	0.990275	1.0029	1.0029	0.751634	1.07824	1.07824	2.24137	1.99832	0.792498	1
cg18552020	MRPL48	0.134805	0.0418469	0.391317	-2.55547	0.673422	0.844037	-1.18478	0.268915	1.58497	1.58497	0.512427	0.766634	-1.3044	0.0450483	0.39855	-2.5091	0.108923	0.496927	-2.01237	0.203402	0.58449	-1.71089	0.698847	1.16825	1.16825	0.0693095	0.443608	-2.25424	2.24136	5.67966	2.25247	1
cg03545719	RCC2;RCC2	0.134805	0.244856	0.629306	-1.58905	0.372157	1.41741	1.41741	0.432066	1.35698	1.35698	0.317494	0.674767	-1.48199	0.0256856	0.364639	-2.74244	0.486383	0.763944	-1.309	0.0211245	0.34797	-2.87381	0.78094	1.11197	1.11197	0.460738	0.751336	-1.33096	2.24136	5.14509	2.04047	1
cg23618344	HOXC4;HOXC6;HOXC5;HOXC6	0.134806	0.218055	0.666022	-1.50145	0.605138	0.849076	-1.17775	0.918241	0.968305	-1.03273	0.137908	0.605844	-1.65059	0.441464	0.781756	-1.27917	0.00693165	0.334189	-2.99232	0.352424	1.35008	1.35008	0.984171	1.00624	1.00624	0.393385	1.31554	1.31554	2.24135	3.49292	1.38525	1
cg25148306	TNRC18	0.134807	0.355484	0.81756	-1.22315	0.236816	1.3004	1.3004	0.116809	1.4349	1.4349	0.576792	1.12691	1.12691	0.0954106	0.678252	-1.47438	0.558598	0.882181	-1.13355	0.362765	0.820179	-1.21925	0.0289737	1.72565	1.72565	0.605122	0.895353	-1.11688	2.24134	1.59427	0.632269	1
cg09894040	CHCHD6	0.134807	0.00870271	0.542492	-1.84334	0.216351	0.788213	-1.26869	0.321661	0.829201	-1.20598	0.104135	0.722514	-1.38406	0.780069	0.950082	-1.05254	0.379208	0.847872	-1.17942	0.417384	0.859327	-1.1637	0.19989	1.28111	1.28111	0.269624	0.810348	-1.23404	2.24134	1.18787	0.471094	1
cg00442267	RSPH6A	0.134808	0.0377778	0.444687	-2.24877	0.622706	1.18154	1.18154	0.0310151	0.426687	-2.34364	0.245603	0.664649	-1.50455	0.0338419	0.434562	-2.30117	0.737522	0.893025	-1.11979	0.109884	0.556436	-1.79715	0.276141	0.683144	-1.46382	0.7603	0.90219	-1.10841	2.24133	4.01646	1.59289	1
cg19745415	IL12RB2	0.134814	0.0801429	0.434478	-2.30161	0.801172	0.897312	-1.11444	0.179575	0.542222	-1.84426	0.0101237	0.248329	-4.02692	0.0829154	0.438467	-2.28067	0.0876864	0.44512	-2.24658	0.209669	0.566817	-1.76424	0.266355	0.60818	-1.64425	0.158959	0.523903	-1.90875	2.24129	6.54479	2.59565	1
cg09597710	C7orf50;C7orf50;C7orf50	0.134814	0.416767	1.53905	1.53905	0.815923	0.885903	-1.12879	0.121976	0.418584	-2.38901	0.303783	1.73906	1.73906	0.272306	0.552316	-1.81056	0.390523	1.5795	1.5795	0.0625717	0.336627	-2.97065	0.130137	2.33813	2.33813	0.0983319	2.5648	2.5648	2.24128	9.58095	3.79979	1
cg00474854	GNAL;GNAL;GNAL	0.134817	0.0334886	0.725897	-1.37761	0.619972	0.937571	-1.06659	0.942484	1.00935	1.00935	0.873322	1.02079	1.02079	0.994098	0.999047	-1.00095	0.0550858	1.32374	1.32374	0.0506923	1.33259	1.33259	0.704825	1.0503	1.0503	0.372508	0.888639	-1.12532	2.24127	0.590284	0.234107	1
cg00512709	RRP7A	0.134818	0.0126992	0.230082	-4.34628	0.827274	1.10924	1.10924	0.38016	1.53278	1.53278	0.436465	0.686174	-1.45736	0.248422	0.564171	-1.77251	0.874919	0.92799	-1.0776	0.0551325	0.356452	-2.80543	?	?	?	0.742521	1.16929	1.16929	2.26108	7.16424	3.16851	1
cg23851205	RPGR;RPGR	0.134821	0.207334	0.323267	-3.09342	0.208446	3.08399	3.08399	0.495022	0.555191	-1.80118	0.0197839	10.9142	10.9142	0.786628	0.794191	-1.25914	0.0560836	0.159193	-6.2817	0.624085	0.657386	-1.52118	0.642597	0.672398	-1.48721	0.876591	0.876357	-1.14109	2.24124	25.6027	10.1542	1
cg03436461	HS3ST3A1;HS3ST3A1	0.134821	0.219647	0.808835	-1.23635	0.783042	0.955644	-1.04641	0.591373	1.09317	1.09317	0.502222	0.894101	-1.11844	0.6413	0.925778	-1.08017	0.718131	0.942159	-1.06139	0.197816	1.25074	1.25074	0.0186049	1.59834	1.59834	0.0487327	1.44773	1.44773	2.24124	0.959018	0.380353	1
cg21038780	WWC1;WWC1;WWC1	0.134822	0.0354815	0.280928	-3.55963	0.283873	1.78138	1.78138	0.753756	0.849422	-1.17727	0.433239	0.660519	-1.51396	0.0193572	0.2307	-4.33463	0.721824	0.830776	-1.20369	0.738915	0.840744	-1.18942	0.300287	1.74484	1.74484	0.195617	0.491744	-2.03358	2.24122	9.54687	3.78637	1
cg01024618	ZNF474	0.134823	0.0455763	0.140567	-7.11405	0.559958	0.603832	-1.65609	0.650195	0.676566	-1.47805	0.66555	0.689214	-1.45093	0.0100879	0.062136	-16.0937	0.284716	0.386339	-2.5884	0.0574811	0.159019	-6.28857	0.199318	0.313291	-3.19192	0.137837	0.254732	-3.9257	2.24122	25.9991	10.3115	1
cg08092513	ZAR1L	0.134823	0.871758	0.978718	-1.02174	0.387165	1.12528	1.12528	0.228104	0.844973	-1.18347	0.201269	1.19687	1.19687	0.176848	0.826007	-1.21064	0.0246624	1.42796	1.42796	0.374739	0.885757	-1.12898	0.116601	1.25487	1.25487	0.666979	0.943987	-1.05934	2.24121	0.629351	0.249607	1
cg11755201	CAMTA1	0.134824	0.157333	0.303238	-3.29774	0.026477	0.125435	-7.97224	0.334437	0.455892	-2.1935	0.37	0.483629	-2.0677	0.0740936	0.207924	-4.80944	0.269566	0.403645	-2.47742	0.0584787	0.185101	-5.40246	0.0250234	0.121981	-8.19802	0.135919	0.2814	-3.55366	2.24121	22.1008	8.76543	1
cg00197381	FAM53C;FAM53C	0.134825	0.790735	0.948974	-1.05377	0.210831	1.29646	1.29646	0.00741012	1.97257	1.97257	0.850598	0.963548	-1.03783	0.637157	0.91068	-1.09808	0.409102	0.846826	-1.18088	0.941577	0.98567	-1.01454	0.953105	0.988485	-1.01165	0.0851202	1.45483	1.45483	2.2412	1.37657	0.545965	1
cg27587780	IRF1	0.134828	0.188322	0.518733	-1.92777	0.0360843	0.317324	-3.15135	0.596665	0.777651	-1.28592	0.787009	1.13601	1.13601	0.0170895	0.254406	-3.93073	0.161834	0.49491	-2.02057	0.191357	0.521337	-1.91815	0.356107	1.56352	1.56352	0.64493	0.803731	-1.2442	2.24118	7.86978	3.12129	1
cg11856821	FAT1	0.134829	0.355467	0.815983	-1.22552	0.196481	1.33936	1.33936	0.835809	0.95657	-1.0454	0.490785	1.16154	1.16154	0.215221	1.32194	1.32194	0.132982	0.706946	-1.41453	0.150335	0.719024	-1.39077	0.135514	0.708782	-1.41087	0.0374279	0.596502	-1.67644	2.24117	1.62472	0.644395	1
cg23190972	SEMA5A	0.13483	0.889069	1.09975	1.09975	0.907551	0.9239	-1.08237	0.90581	1.08399	1.08399	0.0904012	3.56544	3.56544	0.119208	0.315976	-3.16479	0.921304	1.06964	1.06964	0.0261889	6.03268	6.03268	0.0621863	4.18078	4.18078	0.232171	2.34836	2.34836	2.24117	16.4774	6.53524	1
cg07300558	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.134832	0.474366	1.17677	1.17677	0.136963	1.43105	1.43105	0.017441	1.91073	1.91073	0.932773	0.981301	-1.01905	0.433572	1.19575	1.19575	0.0966372	0.664943	-1.50389	0.218097	0.74838	-1.33622	0.493782	1.16821	1.16821	0.529682	1.15309	1.15309	2.24115	1.77661	0.704642	1
cg17398851	PRR24	0.134838	0.960019	1.01436	1.01436	0.163339	1.52662	1.52662	0.356174	1.3098	1.3098	0.462434	0.808389	-1.23703	0.0980539	1.67538	1.67538	0.543417	0.839541	-1.19113	0.632686	1.14674	1.14674	0.00721703	2.68033	2.68033	0.374415	1.29597	1.29597	2.2411	2.87009	1.13837	1
cg09244100	PRKAG3	0.13484	0.0684265	0.648817	-1.54127	0.331722	1.2366	1.2366	0.0115339	0.511727	-1.95417	0.709794	0.923792	-1.08249	0.94245	0.984807	-1.01543	0.785257	0.943728	-1.05963	0.711787	1.08187	1.08187	0.909134	0.97608	-1.02451	0.0729265	0.654303	-1.52834	2.24109	1.5961	0.633068	1
cg09268313	C19orf29;C19orf29	0.134841	0.934411	0.984288	-1.01596	0.024345	1.6759	1.6759	0.660207	1.08885	1.08885	0.0535596	1.52477	1.52477	0.643635	1.09378	1.09378	0.148322	1.34763	1.34763	0.0575402	1.51176	1.51176	0.26019	0.797733	-1.25355	0.353531	1.20162	1.20162	2.24108	1.3141	0.521216	1
cg01744019	HBM	0.134842	0.00639188	0.435773	-2.29478	0.327152	1.26718	1.26718	0.286207	0.77162	-1.29597	0.171876	1.40557	1.40557	0.981374	0.99455	-1.00548	0.813201	1.05698	1.05698	0.537388	0.863992	-1.15742	0.909464	1.02699	1.02699	0.853939	0.957778	-1.04408	2.24107	1.94495	0.771436	1
cg11412230	COL6A4P2	0.134842	0.259607	0.704712	-1.41902	0.733494	0.903298	-1.10705	0.0572811	0.527291	-1.89649	0.164391	0.64308	-1.55502	0.382341	0.76597	-1.30553	0.0927036	0.576627	-1.73422	0.378167	1.30876	1.30876	0.190023	0.661631	-1.51142	0.0149967	0.410699	-2.43487	2.24107	3.14327	1.24673	1
cg19925186	GBP5;GBP5	0.134843	0.0280524	0.389834	-2.5652	?	?	?	0.587473	0.81966	-1.22002	0.530109	0.79381	-1.25975	0.0221618	0.369456	-2.70668	0.586033	1.22097	1.22097	0.152181	0.572993	-1.74522	0.469506	1.30624	1.30624	0.687666	0.86353	-1.15804	2.26087	4.19534	1.85563	1
cg06292482	DCUN1D1	0.134844	0.206111	1.32734	1.32734	0.831043	1.04641	1.04641	0.0617294	0.63969	-1.56326	0.125866	0.703515	-1.42143	0.0514325	1.60135	1.60135	0.833056	0.956172	-1.04584	0.150431	1.38719	1.38719	0.480887	0.858873	-1.16432	0.599963	1.11892	1.11892	2.24106	1.60018	0.634694	1
cg04920689	NTRK3;NTRK3;NTRK3	0.134844	0.216599	1.53098	1.53098	0.538047	1.22658	1.22658	0.668391	1.1516	1.1516	0.708658	1.13083	1.13083	0.300745	1.42084	1.42084	0.88796	0.954874	-1.04726	0.014261	0.371542	-2.69149	0.0737255	0.520474	-1.92132	0.5341	1.22908	1.22908	2.24106	3.80845	1.51058	1
cg27279620	MMP2	0.134846	0.809439	0.977878	-1.02262	0.567873	1.05491	1.05491	0.0403231	1.24524	1.24524	0.241417	1.12024	1.12024	0.0840869	1.1936	1.1936	0.299432	0.905219	-1.1047	0.0704032	1.20593	1.20593	0.040917	1.24419	1.24419	0.634115	1.0454	1.0454	2.24104	0.304314	0.120703	1
cg27361577	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A3;UGT1A6;UGT1A9;UGT1A7;UGT1A5	0.134848	0.130308	0.364174	-2.74594	0.00975522	0.132594	-7.5418	0.0796968	0.300503	-3.32775	0.832256	1.14011	1.14011	0.126387	0.359794	-2.77937	0.959762	0.969292	-1.03168	0.648304	0.752852	-1.32828	0.427739	0.606201	-1.64962	0.0846946	0.307661	-3.25033	2.24103	13.5638	5.38	1
cg21346648	CENPE	0.134851	0.700488	0.743143	-1.34564	0.645313	1.42758	1.42758	0.0553187	0.188536	-5.30402	0.0753133	0.218505	-4.57656	0.0570483	0.191327	-5.22667	0.509842	1.67113	1.67113	0.0760826	0.219573	-4.5543	0.930639	0.935322	-1.06915	0.065417	0.204253	-4.89589	2.241	20.938	8.30502	1
cg00032205	TSPYL5	0.134851	0.0367498	18.1105	18.1105	0.0534689	13.7142	13.7142	0.220032	4.66196	4.66196	0.815466	0.756478	-1.32192	0.561412	0.496096	-2.01574	0.910759	1.14321	1.14321	0.0672005	11.5742	11.5742	0.0640529	11.9942	11.9942	0.158976	6.03239	6.03239	2.241	50.5798	20.0624	1
cg08935125	CLDN6	0.134854	0.425101	1.85486	1.85486	0.522614	1.63473	1.63473	0.320659	2.17778	2.17778	0.208496	2.73384	2.73384	0.799471	0.824419	-1.21298	0.862342	0.876658	-1.1407	0.0109379	11.2735	11.2735	0.0579686	5.08155	5.08155	0.0513727	5.37913	5.37913	2.24098	20.419	8.09926	1
cg01981354	RNF170;RNF170;RNF170;RNF170;RNF170;RNF170	0.134858	0.282279	0.697678	-1.43333	0.145915	1.65367	1.65367	0.434086	1.29326	1.29326	0.899778	1.04143	1.04143	0.0887763	0.546154	-1.83098	0.991716	0.99666	-1.00335	0.048329	0.483389	-2.06873	0.101808	1.78081	1.78081	0.305955	0.710688	-1.40709	2.24095	3.68445	1.46146	1
cg11740398	TRRAP	0.134858	0.653013	0.880773	-1.13537	0.0472125	0.528876	-1.8908	0.975881	0.991555	-1.00852	0.0540594	0.541501	-1.84672	0.0431437	0.520638	-1.92072	0.894399	1.03796	1.03796	0.055973	0.544793	-1.83556	0.635628	0.874678	-1.14328	0.0625244	0.55541	-1.80047	2.24095	2.79314	1.10792	1
cg17711595	ZNF239;ZNF239;ZNF239	0.134862	0.495131	0.630036	-1.58721	0.13787	0.344524	-2.90255	0.0385343	0.202192	-4.94578	0.381702	0.549715	-1.81912	0.329994	0.511488	-1.95508	0.250802	0.449202	-2.22617	0.00902888	0.109307	-9.14855	0.233964	0.435106	-2.29829	0.0782738	0.271278	-3.68625	2.24092	15.7864	6.26187	1
cg02450064	DHX58	0.134866	0.105114	0.377162	-2.65138	0.797272	1.15228	1.15228	0.630772	0.765932	-1.3056	0.293606	0.54888	-1.82189	0.08973	0.357007	-2.80106	0.104939	0.376942	-2.65293	0.325134	1.74976	1.74976	0.0138267	0.18726	-5.34018	0.539242	0.710152	-1.40815	2.24089	10.7608	4.26846	1
cg05669641	DPP10;DPP10	0.134873	0.640028	0.848529	-1.17851	0.0538168	0.466039	-2.14574	0.913617	1.03857	1.03857	0.48181	0.779334	-1.28315	0.0139264	0.346683	-2.88448	0.707011	0.876624	-1.14074	0.478693	1.2855	1.2855	0.132491	1.76138	1.76138	0.570481	0.818778	-1.22133	2.24083	4.3158	1.71198	1
cg14124646	HPS6	0.134873	0.763493	1.13719	1.13719	0.56665	0.781341	-1.27985	0.0140853	0.274984	-3.63658	0.998634	1.00073	1.00073	0.309361	0.638792	-1.56545	0.433733	1.40537	1.40537	0.0501703	2.589	2.589	0.406665	1.43566	1.43566	0.981058	1.01017	1.01017	2.24083	6.44097	2.55499	1
cg09274810	TNNT2;TNNT2;TNNT2;TNNT2	0.134878	0.185479	0.761864	-1.31257	0.34999	0.829974	-1.20486	0.109801	0.713421	-1.4017	0.177751	1.31975	1.31975	0.039458	0.630366	-1.58638	0.43497	1.16685	1.16685	0.193597	1.30535	1.30535	0.419291	0.852264	-1.17335	0.429363	1.16915	1.16915	2.24079	1.33176	0.528288	1
cg10210928	GNA12	0.134879	0.172629	0.739095	-1.35301	0.0601683	1.55518	1.55518	0.615946	1.11109	1.11109	0.332632	0.812066	-1.23143	0.267773	0.786272	-1.27182	0.295346	1.25363	1.25363	0.0345468	1.67096	1.67096	0.976061	0.993769	-1.00627	0.261044	1.27654	1.27654	2.24078	1.53971	0.610782	1
cg07610327	IMMT;IMMT;IMMT	0.13488	0.401037	0.803127	-1.24513	0.836245	1.05421	1.05421	0.0706173	1.67419	1.67419	0.0967942	1.59194	1.59194	0.0324698	1.89371	1.89371	0.971169	0.990824	-1.00926	0.511372	0.843756	-1.18518	0.977672	0.992887	-1.00716	0.125015	0.654719	-1.52737	2.24078	2.30882	0.91588	1
cg02065795	KIAA0101;KIAA0101	0.134881	0.0736927	0.440522	-2.27003	0.0463642	0.391305	-2.55555	0.0433902	0.384738	-2.59917	0.241579	0.604105	-1.65534	0.0490493	0.39697	-2.51908	0.0908748	0.46494	-2.15081	0.0886243	0.461939	-2.16479	0.28743	0.634989	-1.57483	0.969543	1.01582	1.01582	2.24077	5.9998	2.38005	1
cg13169065	GALNT3	0.134881	0.0764884	6.97312	6.97312	0.180655	4.05904	4.05904	0.123171	5.18575	5.18575	0.35734	2.54195	2.54195	0.720476	1.42491	1.42491	0.248037	3.28756	3.28756	0.0406346	10.2747	10.2747	0.0228327	14.6502	14.6502	0.0446385	9.70028	9.70028	2.24077	34.4699	13.6738	1
cg05694761	BCAR4;BCAR4	0.134882	0.104514	0.185664	-5.38606	0.165354	0.245577	-4.07204	0.429152	0.464919	-2.15091	0.479737	0.505734	-1.97732	0.0264607	0.0823407	-12.1447	0.681044	0.675574	-1.48022	0.0124494	0.0522819	-19.1271	0.893672	0.880824	-1.1353	0.124596	0.206432	-4.8442	2.24077	31.956	12.6766	1
cg03520771	MYLIP	0.134883	0.0611599	0.630826	-1.58522	0.526588	1.1504	1.1504	0.352155	1.23254	1.23254	0.22897	0.759055	-1.31743	0.697842	1.08893	1.08893	0.199869	0.743992	-1.3441	0.04952	0.613016	-1.63128	0.314964	1.2547	1.2547	0.091382	0.666338	-1.50074	2.24076	1.69218	0.671274	1
cg24699418	IPO13	0.134883	0.68959	0.94494	-1.05827	0.455498	0.898327	-1.11318	0.331472	0.868193	-1.15182	0.173418	0.815199	-1.22669	0.0588512	1.35121	1.35121	0.456097	0.89846	-1.11302	0.596875	0.927471	-1.0782	0.156324	0.807425	-1.23851	0.0391661	1.40029	1.40029	2.24075	0.70616	0.280128	1
cg13653963	C9orf98	0.134884	0.0598372	0.320802	-3.11718	0.018939	0.218377	-4.57924	0.440286	0.656147	-1.52405	0.233618	0.51243	-1.95149	0.0168975	0.210075	-4.76021	0.349373	0.597038	-1.67494	0.357835	0.602738	-1.6591	0.137152	0.424331	-2.35665	0.383105	0.619486	-1.61424	2.24074	10.173	4.03557	1
cg07083172	SNORD115-19;SNORD115-17;SNORD115-18;SNORD115-19;SNORD115-17;SNORD115-18	0.134888	0.0227016	0.118085	-8.4685	0.11139	0.257108	-3.88941	0.855173	1.15386	1.15386	0.643475	0.694143	-1.44063	0.0273069	0.129305	-7.73368	0.89961	1.10391	1.10391	0.763801	1.26624	1.26624	0.771645	0.796173	-1.25601	0.0704913	0.205277	-4.87146	2.24072	21.7725	8.63713	1
cg23981320	FAM101A	0.134888	0.0242313	0.79456	-1.25856	0.157842	0.878739	-1.13799	0.967861	0.996557	-1.00345	0.517207	0.945341	-1.05782	0.177325	0.884498	-1.13058	0.0609156	1.1982	1.1982	0.517082	1.05784	1.05784	0.532122	1.05567	1.05567	0.484706	0.941027	-1.06267	2.24071	0.260043	0.103159	1
cg04604656	MUM1;MUM1	0.134892	0.681012	1.098	1.098	0.369882	1.23157	1.23157	0.160768	1.40334	1.40334	0.17291	1.38827	1.38827	0.0145668	0.506319	-1.97504	0.952854	1.01346	1.01346	0.642907	0.899779	-1.11138	0.224495	0.749314	-1.33455	0.385182	1.22308	1.22308	2.24069	1.81554	0.720234	1
cg23057943	ETF1	0.134893	0.14673	0.69956	-1.42947	0.0796109	0.639981	-1.56255	0.456017	0.84016	-1.19025	0.0301462	0.557148	-1.79486	0.0153782	0.505444	-1.97846	0.26205	0.764689	-1.30772	0.165789	0.712439	-1.40363	0.286646	0.775827	-1.28895	0.847809	1.04506	1.04506	2.24068	1.86757	0.740875	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01397325	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.134894	0.0443237	0.223247	-4.47935	0.0310797	0.193431	-5.16982	0.750147	0.812697	-1.23047	0.377678	0.555658	-1.79967	0.0192602	0.159153	-6.28325	0.19065	0.406734	-2.45861	0.309596	0.505316	-1.97896	0.222208	0.434834	-2.29973	0.099777	0.310082	-3.22495	2.24067	14.9545	5.93254	1
cg13290370	FAIM3;FAIM3;FAIM3	0.134894	0.841846	1.03779	1.03779	0.129132	0.73749	-1.35595	0.847583	0.964899	-1.03638	0.124154	1.3623	1.3623	0.161975	1.31954	1.31954	0.622939	1.09639	1.09639	0.208285	1.27934	1.27934	0.0369903	1.568	1.568	0.0505921	1.51237	1.51237	2.24067	1.22367	0.485438	1
cg12654587	SEC16B	0.134897	0.549922	0.865824	-1.15497	0.0908586	0.641701	-1.55836	0.030873	0.546773	-1.82891	0.0783117	0.627625	-1.59331	0.627694	0.890124	-1.12344	0.601467	0.88205	-1.13372	0.133685	1.46998	1.46998	0.107814	0.658411	-1.51881	0.220533	0.735827	-1.35902	2.24065	2.01291	0.798545	1
cg15821562	FOXN3	0.134898	0.663532	0.779903	-1.28221	0.0932167	2.85387	2.85387	0.00688453	7.29272	7.29272	0.610064	0.746702	-1.33922	0.507629	0.682687	-1.4648	0.287028	1.87352	1.87352	0.616369	1.33224	1.33224	0.326894	1.77674	1.77674	0.809584	0.871889	-1.14694	2.24064	11.4447	4.54023	1
cg09683623	LOC201651	0.134902	0.395864	0.765284	-1.3067	0.0687073	0.534271	-1.87171	0.267783	0.701064	-1.4264	0.604376	0.851454	-1.17446	0.224974	1.48009	1.48009	0.534246	1.21369	1.21369	0.384291	0.759989	-1.31581	0.346777	1.34726	1.34726	0.0170001	0.40844	-2.44834	2.24061	3.35895	1.33255	1
cg24983248	SETBP1	0.134902	0.291353	1.44118	1.44118	0.378541	0.739663	-1.35197	0.115	1.77189	1.77189	0.746463	1.11436	1.11436	0.563406	1.21529	1.21529	0.169368	1.63013	1.63013	0.129981	1.72624	1.72624	0.0147447	2.72305	2.72305	0.0572196	2.05047	2.05047	2.24061	3.9536	1.56846	1
cg02902477	HIST1H3D	0.134903	0.104809	0.447421	-2.23503	0.605832	0.789646	-1.26639	0.95821	1.02406	1.02406	0.707415	0.842766	-1.18657	0.159474	0.505561	-1.978	0.203292	1.8391	1.8391	0.00910934	0.222413	-4.49613	0.221702	0.558363	-1.79095	0.648352	0.811948	-1.23161	2.2406	7.30458	2.89786	1
cg14095044	EXD3	0.134903	0.0620762	1.81639	1.81639	0.15805	0.65128	-1.53544	0.199551	0.680389	-1.46975	0.304291	1.35294	1.35294	0.255809	1.4008	1.4008	0.359233	1.30714	1.30714	0.0932487	1.68979	1.68979	0.244702	1.41307	1.41307	0.10518	1.65372	1.65372	2.2406	2.86472	1.13649	1
cg00346716	BTBD3;BTBD3	0.134903	0.913493	1.06168	1.06168	0.0836589	2.87058	2.87058	0.037015	3.79609	3.79609	0.713163	1.22553	1.22553	0.269082	1.88508	1.88508	0.45004	1.52798	1.52798	0.0157466	5.10351	5.10351	0.0501556	3.42129	3.42129	0.337517	1.72394	1.72394	2.2406	10.7659	4.27105	1
cg15933484	SCARB1;SCARB1	0.134905	0.945375	0.984887	-1.01535	0.927861	0.980076	-1.02033	0.679286	1.0968	1.0968	0.795341	1.05947	1.05947	0.951154	1.01371	1.01371	0.0218067	1.84375	1.84375	0.00879026	2.09923	2.09923	0.878897	1.03447	1.03447	0.609276	0.891752	-1.12139	2.24058	1.7528	0.695376	1
cg24924930	KIF1A	0.134906	0.454047	0.707035	-1.41436	0.199664	0.540138	-1.85138	0.127972	0.473292	-2.11286	0.446922	1.42245	1.42245	0.0579951	2.64883	2.64883	0.0642181	0.388561	-2.5736	0.682721	0.829594	-1.20541	0.181654	1.90506	1.90506	0.434284	0.695823	-1.43715	2.24058	7.3326	2.90901	1
cg22039638	ADD2;ADD2;ADD2;ADD2;ADD2	0.134913	0.469936	1.49663	1.49663	0.0775716	2.93305	2.93305	0.486265	1.4741	1.4741	0.40507	0.626716	-1.59562	0.0797072	0.344132	-2.90586	0.255486	0.521447	-1.91774	0.142545	0.421229	-2.37401	0.0522581	0.297928	-3.35652	0.748678	0.838355	-1.19281	2.24053	10.676	4.23551	1
cg16758800	DLX6AS	0.134916	0.0472475	6.06513	6.06513	0.760342	1.27497	1.27497	0.309825	2.30355	2.30355	0.342133	0.459713	-2.17527	0.0136802	11.2583	11.2583	0.619733	1.48764	1.48764	0.106222	4.05832	4.05832	0.194698	2.97191	2.97191	0.276453	2.45672	2.45672	2.2405	22.3707	8.87531	1
cg14568217	SNCB;EIF4E1B;SNCB	0.134917	0.173157	0.658007	-1.51974	0.824032	1.06642	1.06642	0.0226966	0.45493	-2.19814	0.835943	0.94188	-1.06171	0.0948873	0.588611	-1.69891	0.577369	0.849974	-1.17651	0.0413997	0.507005	-1.97237	0.0484862	0.521576	-1.91727	0.202036	0.677753	-1.47546	2.24049	2.95869	1.17383	1
cg14105536	GPR115;GPR115	0.134917	0.998782	0.99973	-1.00027	0.852135	1.03363	1.03363	0.85511	0.968119	-1.03293	0.384786	1.17111	1.17111	0.673478	0.927629	-1.07802	0.765158	0.948285	-1.05454	0.00904609	1.80056	1.80056	0.0564786	0.681976	-1.46633	0.498734	1.12945	1.12945	2.24049	1.11488	0.442315	1
cg02896970	ZCCHC14	0.134919	0.914971	0.950791	-1.05176	0.0396286	3.07782	3.07782	0.0778205	2.52423	2.52423	0.150017	2.07322	2.07322	0.0558642	0.359347	-2.78282	0.943802	1.03387	1.03387	0.304999	1.65181	1.65181	0.269807	1.72103	1.72103	0.904893	1.0581	1.0581	2.24047	7.92113	3.14264	1
cg22867154	LOC729234	0.134921	0.969659	1.00498	1.00498	0.324668	0.875646	-1.14201	0.0414003	0.735566	-1.3595	0.695795	1.05264	1.05264	0.560056	1.07997	1.07997	0.818001	1.03055	1.03055	0.0156544	1.47233	1.47233	0.302373	0.869798	-1.14969	0.942197	1.00951	1.00951	2.24046	0.60487	0.239978	1
cg16452866	BCL11B;BCL11B	0.134922	0.137831	0.385113	-2.59664	0.199375	0.444986	-2.24726	0.152849	2.49494	2.49494	0.0200817	5.33826	5.33826	0.330398	1.82168	1.82168	0.635265	1.33021	1.33021	0.410533	0.604987	-1.65293	0.642765	0.756589	-1.32172	0.454513	1.57607	1.57607	2.24045	12.6535	5.02021	1
cg10311318	ATP8A2	0.134924	0.127288	0.457661	-2.18502	0.0630848	2.69377	2.69377	0.343306	1.58842	1.58842	0.0919117	0.415001	-2.40963	0.162728	0.493446	-2.02657	0.610434	0.783853	-1.27575	0.071567	0.385312	-2.5953	0.479386	0.711191	-1.40609	0.549067	0.750241	-1.3329	2.24044	7.97201	3.16288	1
cg11244813	PDE4DIP	0.134925	0.664362	1.08261	1.08261	0.916625	0.981141	-1.01922	0.218222	1.26551	1.26551	0.653704	1.08557	1.08557	0.121796	0.737164	-1.35655	0.276528	0.814009	-1.22849	0.0199101	0.599934	-1.66685	0.1218	1.35655	1.35655	0.611556	1.09759	1.09759	2.24043	1.17296	0.465372	1
cg16469258	SLC12A2;SLC12A2;FLJ33630	0.134925	0.334478	0.782725	-1.27759	0.255195	0.746501	-1.33958	0.480298	0.83813	-1.19313	0.342201	1.27233	1.27233	0.100933	0.642665	-1.55602	0.048028	0.573373	-1.74407	0.985108	1.0046	1.0046	0.988663	0.996509	-1.0035	0.0134179	0.470711	-2.12445	2.24043	2.14923	0.852705	1
cg25290938	ARHGAP22	0.134926	0.55878	0.829892	-1.20498	0.0852645	1.82215	1.82215	0.735391	0.898547	-1.11291	0.318412	0.722375	-1.38432	0.459669	0.788662	-1.26797	0.488583	0.801007	-1.24843	0.0101821	0.359906	-2.7785	0.155455	0.619176	-1.61505	0.344702	0.735696	-1.35926	2.24042	3.52904	1.40015	1
cg24903893	EBF1	0.134927	0.0205298	16.6657	16.6657	0.841176	1.22416	1.22416	0.916682	0.899885	-1.11125	0.991724	0.989598	-1.01051	0.20125	3.89838	3.89838	0.580345	0.569527	-1.75584	0.995567	1.00562	1.00562	0.0413884	10.7126	10.7126	0.0430917	10.4455	10.4455	2.24042	36.058	14.3061	1
cg04919274	GPR149	0.134933	0.06547	7.06188	7.06188	0.212447	3.46119	3.46119	0.254204	0.324443	-3.08221	0.483171	0.509787	-1.9616	0.434751	0.470729	-2.12436	0.0221075	13.3886	13.3886	0.537261	0.55398	-1.80512	0.804405	0.790894	-1.26439	0.281198	2.88322	2.88322	2.24037	31.7155	12.5834	1
cg17434043	CDKN1C;CDKN1C;CDKN1C	0.134933	0.792441	0.973971	-1.02672	0.113095	0.841599	-1.18821	0.317496	0.901825	-1.10886	0.226825	1.1353	1.1353	0.298256	1.11386	1.11386	0.717024	1.03707	1.03707	0.15693	1.16346	1.16346	0.0270194	0.769639	-1.29931	0.357131	1.09934	1.09934	2.24037	0.354861	0.140795	1
cg00088251	ATAD3A;ATAD3A;ATAD3A	0.134934	0.506275	0.738798	-1.35355	0.0895157	0.431545	-2.31725	0.0709398	0.404261	-2.47365	0.380933	0.668023	-1.49695	0.172642	0.521236	-1.91852	0.0914213	0.434117	-2.30353	0.0137084	0.254556	-3.92841	0.901026	0.945678	-1.05744	0.0664199	0.396886	-2.51962	2.24036	7.15031	2.83697	1
cg21120698	EGFL8	0.134937	0.54609	0.867819	-1.15231	0.143454	0.694299	-1.4403	0.740973	1.08003	1.08003	0.275894	0.768708	-1.30088	0.0639292	0.616767	-1.62136	0.151692	0.700152	-1.42826	0.0574789	0.607373	-1.64643	0.0884884	1.54673	1.54673	0.219534	0.741092	-1.34936	2.24034	1.91102	0.758227	1
cg14089692	ADAM33;ADAM33	0.134939	0.811225	0.726757	-1.37598	0.0861314	12.5453	12.5453	0.114191	9.89452	9.89452	0.112284	10.0368	10.0368	0.424031	0.336525	-2.97155	0.166142	7.16783	7.16783	0.0599882	16.9518	16.9518	0.0738018	14.2711	14.2711	0.0742524	14.199	14.199	2.24032	63.1291	25.0476	1
cg23215341	LOC284009	0.13494	0.489502	1.15485	1.15485	0.619804	1.10801	1.10801	0.374241	0.829412	-1.20567	0.917114	0.978879	-1.02158	0.0808779	0.672367	-1.48728	0.497822	1.15159	1.15159	0.00992387	1.95024	1.95024	0.362313	1.21169	1.21169	0.445667	1.17284	1.17284	2.24032	1.49216	0.592042	1
cg01518219	FAM190A;FAM190A	0.13494	0.319622	1.17239	1.17239	0.457885	1.12401	1.12401	0.0578397	1.39326	1.39326	0.126152	1.29162	1.29162	0.0594272	1.38964	1.38964	0.880599	0.977024	-1.02352	0.0959032	0.753672	-1.32684	0.282589	0.841419	-1.18847	0.856926	0.972478	-1.0283	2.24031	0.848523	0.336668	1
cg16883533	PHB2;EMG1;PHB2	0.134941	0.548054	1.08316	1.08316	0.0411221	1.36302	1.36302	0.128887	1.2407	1.2407	0.0822405	1.28792	1.28792	0.088823	1.27977	1.27977	0.948986	1.00844	1.00844	0.0982582	0.78794	-1.26913	0.608672	1.07022	1.07022	0.675599	0.946189	-1.05687	2.24031	0.612876	0.243171	1
cg00841725	MCF2L;MCF2L	0.134944	0.143702	0.507262	-1.97137	0.132653	0.49609	-2.01576	0.820861	0.906661	-1.10295	0.336139	0.651504	-1.53491	0.0869587	0.44191	-2.26291	0.291601	0.623273	-1.60443	0.00689011	0.220622	-4.53263	0.103221	0.463004	-2.15981	0.257009	0.599839	-1.66711	2.24028	6.62261	2.62768	1
cg21139392	NGFR	0.134948	0.780029	0.935884	-1.06851	0.168488	1.41525	1.41525	0.304886	1.28591	1.28591	0.471299	0.840774	-1.18938	0.195439	1.38275	1.38275	0.160804	0.7015	-1.42552	0.0574453	0.601347	-1.66293	0.068391	1.62078	1.62078	0.502381	1.17482	1.17482	2.24026	1.98748	0.788592	1
cg15059511	ZFYVE19;ZFYVE19;DNAJC17	0.134951	0.121851	1.26413	1.26413	0.09186	1.29613	1.29613	0.251422	1.18232	1.18232	0.44889	1.11389	1.11389	0.876297	1.02201	1.02201	0.0346049	0.708678	-1.41108	0.153021	0.807442	-1.23848	0.579772	0.924805	-1.08131	0.720311	1.05153	1.05153	2.24023	0.693103	0.275012	1
cg26277720	SNORD114-14;SNORD114-15;SNORD114-16	0.134951	0.92098	0.956723	-1.04523	0.0350265	0.334482	-2.9897	0.0504528	0.370069	-2.7022	0.127675	0.479794	-2.08423	0.661355	0.821571	-1.21718	0.0744351	0.412219	-2.4259	0.232767	1.74701	1.74701	0.641618	1.23244	1.23244	0.824545	1.10407	1.10407	2.24023	7.05367	2.79879	1
cg14077898	SLC17A8;SLC17A8	0.134953	0.322427	0.57761	-1.73127	0.49753	0.690853	-1.44749	0.77113	1.16956	1.16956	0.402693	0.631369	-1.58386	0.0267637	0.244362	-4.09228	0.0151445	0.201418	-4.96481	0.528083	0.709458	-1.40953	0.0474532	0.295939	-3.37907	0.876486	0.919873	-1.08711	2.24022	10.2304	4.05927	1
cg17825770	TRPS1	0.134957	0.0676348	0.69587	-1.43705	0.658797	1.08189	1.08189	0.110883	0.735184	-1.3602	0.717503	0.937677	-1.06647	0.0112077	0.569587	-1.75566	0.655565	0.923567	-1.08276	0.27803	0.818909	-1.22114	0.464657	1.14088	1.14088	0.611438	1.09498	1.09498	2.24019	1.11291	0.441596	1
cg25411327	PTPRS;PTPRS;PTPRS;PTPRS	0.13496	0.109887	0.691379	-1.44638	0.330703	1.23684	1.23684	0.0640379	1.55391	1.55391	0.915245	1.0228	1.0228	0.720069	1.07919	1.07919	0.0633784	0.642659	-1.55604	0.0656694	1.54877	1.54877	0.70226	1.08474	1.08474	0.753604	1.06896	1.06896	2.24016	1.59126	0.631407	1
cg01586506	SOX10	0.134962	0.990391	1.008	1.008	0.00898611	0.110953	-9.01284	0.0275102	0.178121	-5.61415	0.616642	1.39659	1.39659	0.891652	0.913752	-1.09439	0.862736	0.891789	-1.12134	0.802935	0.847486	-1.17996	0.729284	0.794593	-1.25851	0.493586	1.58427	1.58427	2.24015	15.5394	6.16601	1
cg20577878	PDP2	0.134967	0.965398	0.993255	-1.00679	0.103953	0.757791	-1.31962	0.95876	1.0081	1.0081	0.543486	0.908524	-1.10069	0.154517	1.26838	1.26838	0.9183	1.01614	1.01614	0.00952615	0.599119	-1.66912	0.346493	1.16327	1.16327	0.837749	0.96852	-1.0325	2.24011	0.863418	0.34261	1
cg25768632	DLC1	0.134967	0.0344876	0.554703	-1.80277	0.462801	1.19557	1.19557	0.0279399	0.537559	-1.86026	0.719222	1.09011	1.09011	0.456829	1.19854	1.19854	0.344174	1.26222	1.26222	0.69333	1.09935	1.09935	0.938749	1.01854	1.01854	0.14465	0.687672	-1.45418	2.24011	2.0264	0.804088	1
cg02907556	DENND4B	0.134969	0.0296277	0.130522	-7.66154	0.426249	0.524115	-1.90798	0.960466	0.961349	-1.0402	0.835612	1.17967	1.17967	0.0381096	0.147861	-6.76313	0.252326	0.386401	-2.58799	0.0275191	0.125819	-7.94793	0.583492	0.643829	-1.55321	0.104942	0.244385	-4.0919	2.24009	22.435	8.90243	1
cg03060986	FHIT;FHIT	0.134969	0.39681	0.850211	-1.17618	0.324282	1.20971	1.20971	0.23535	1.26187	1.26187	0.0615076	0.6744	-1.4828	0.795952	0.952692	-1.04966	0.671266	1.08311	1.08311	0.0155454	1.74187	1.74187	0.381369	1.18283	1.18283	0.953944	0.989257	-1.01086	2.24009	1.24088	0.492393	1
cg08695724	BICD2;BICD2	0.13497	0.0894413	1.26887	1.26887	0.12863	0.811524	-1.23225	0.926003	1.01188	1.01188	0.287146	1.1509	1.1509	0.885835	0.981897	-1.01844	0.911238	0.98592	-1.01428	0.100003	0.795179	-1.25758	0.0263844	0.715458	-1.39771	0.72914	0.956759	-1.04519	2.24008	0.573692	0.227647	1
cg09119967	C20orf103	0.134978	0.255316	0.547549	-1.82632	0.685477	0.813427	-1.22937	0.321733	0.595008	-1.68065	0.665154	0.801839	-1.24713	0.23129	0.528983	-1.89042	0.799845	0.879103	-1.13752	0.00382944	0.138462	-7.2222	0.105298	0.407571	-2.45356	0.227284	0.525795	-1.90188	2.24002	9.12525	3.62109	1
cg19402083	KCNT1	0.13498	0.992873	1.00178	1.00178	0.361361	1.2053	1.2053	0.0264513	1.68824	1.68824	0.0900288	1.4504	1.4504	0.190723	0.759017	-1.31749	0.129356	0.721722	-1.38557	0.550047	0.886613	-1.12789	0.53313	1.13385	1.13385	0.321368	1.22616	1.22616	2.24001	1.40502	0.557543	1
cg26232247	RIN2	0.134988	0.147575	0.333154	-3.00162	0.00677735	0.0835465	-11.9694	0.0356399	0.177307	-5.63994	0.699287	0.759891	-1.31598	0.677691	0.74404	-1.34401	0.564426	0.662246	-1.51001	0.373236	0.523815	-1.90907	0.759626	1.24246	1.24246	0.432843	0.567675	-1.76157	2.23995	17.7523	7.04471	1
cg11538810	LOC400931	0.134992	0.813596	0.920136	-1.0868	0.0126974	2.97848	2.97848	0.213721	1.58623	1.58623	0.579689	1.21791	1.21791	0.157996	0.587481	-1.70218	0.818767	1.08424	1.08424	0.131761	0.563667	-1.7741	0.374716	1.37859	1.37859	0.862271	1.0631	1.0631	2.23992	4.40513	1.74813	1
cg13920838	PIGO;PIGO	0.134995	0.29251	0.734114	-1.36219	0.829432	1.06296	1.06296	0.5745	0.851673	-1.17416	0.550252	1.18657	1.18657	0.0083746	0.385424	-2.59454	0.490072	0.820017	-1.21949	0.0366406	0.502958	-1.98824	0.530064	0.835244	-1.19726	0.203983	0.684246	-1.46146	2.23989	2.84173	1.12772	1
cg08436089	GEMIN7;GEMIN7;GEMIN7	0.134997	0.73361	1.17277	1.17277	0.747092	1.16294	1.16294	0.0115215	4.36772	4.36772	0.161633	2.00827	2.00827	0.548399	0.753279	-1.32753	0.899347	0.942673	-1.06081	0.956076	0.974631	-1.02603	0.670589	0.819055	-1.22092	0.0302626	3.28184	3.28184	2.23988	7.72093	3.06403	1
cg12858300	C1orf74	0.134999	0.535575	0.81498	-1.22702	0.458844	1.27913	1.27913	0.205634	1.54989	1.54989	0.0384848	0.44989	-2.22277	0.0469486	0.469481	-2.13001	0.369993	0.740173	-1.35104	0.523521	1.23474	1.23474	0.245382	1.48916	1.48916	0.397343	1.32724	1.32724	2.3622	3.87995	1.27751	1
cg24061105	ATP9B	0.135	0.340979	1.35144	1.35144	0.797726	0.924202	-1.08201	0.215435	0.670203	-1.49208	0.310357	1.38012	1.38012	0.0372966	0.476225	-2.09985	0.0681167	0.534198	-1.87197	0.558663	1.19904	1.19904	0.239766	1.45908	1.45908	0.177679	0.644262	-1.55216	2.23986	3.34162	1.32612	1
cg17184165	CHDH	0.135004	0.251732	0.436899	-2.28886	0.011775	0.113542	-8.80728	0.02432	0.156258	-6.39968	0.997625	0.997944	-1.00206	0.378358	0.535241	-1.86832	0.346609	0.511579	-1.95473	0.137093	0.330404	-3.0266	0.246376	0.432433	-2.3125	0.820341	1.17036	1.17036	2.23982	16.965	6.73269	1
cg04492826	SLC25A20	0.135005	0.0227358	0.572162	-1.74776	0.90811	0.976633	-1.02393	0.351473	1.21697	1.21697	0.882314	0.970121	-1.0308	0.0148026	0.541145	-1.84793	0.751484	0.937012	-1.06722	0.782287	1.05837	1.05837	0.232001	0.773606	-1.29265	0.378761	0.831171	-1.20312	2.23982	1.48757	0.590352	1
cg22009751	HDAC4	0.135009	0.36612	0.619149	-1.61512	0.56219	0.738919	-1.35333	0.345598	1.65124	1.65124	0.0727067	0.355662	-2.81166	0.166112	0.466517	-2.14354	0.0912283	0.382728	-2.61282	0.140077	0.440581	-2.26973	0.0301353	0.268045	-3.73071	0.0631251	0.339859	-2.94239	2.23978	9.45656	3.75296	1
cg21710060	GRK1	0.135009	0.737411	0.885519	-1.12928	0.724329	0.879906	-1.13648	0.350462	0.706641	-1.41515	0.515267	0.787901	-1.2692	0.012247	0.323848	-3.08787	0.46843	1.30544	1.30544	0.329568	1.43842	1.43842	0.0335968	0.407858	-2.45183	0.402845	0.733944	-1.3625	2.23978	4.63086	1.83782	1
cg27569752	MYH2;MYH2;MYH2	0.135009	0.0466272	0.347665	-2.87633	0.023351	0.284645	-3.51315	0.0968811	0.429549	-2.32802	0.494956	0.725177	-1.37897	0.0292711	0.303959	-3.28992	0.358907	0.645686	-1.54874	0.0920042	0.423122	-2.36338	0.299996	0.607716	-1.64551	0.295581	0.604741	-1.6536	2.23978	7.6275	3.02708	1
cg24258013	PARP12;PARP12	0.13501	0.962914	0.990788	-1.0093	0.162467	0.743189	-1.34555	0.722491	1.07355	1.07355	0.739885	0.935836	-1.06856	0.126068	0.71933	-1.39018	0.00549194	0.483542	-2.06807	0.175519	0.750729	-1.33204	0.300606	0.807766	-1.23798	0.91262	1.02209	1.02209	2.23978	1.40521	0.557678	1
cg23677272	SLCO5A1	0.135011	0.150196	0.544667	-1.83598	0.140377	1.86789	1.86789	0.627289	0.824693	-1.21257	0.181539	0.571959	-1.74838	0.0527456	0.420058	-2.38062	0.180623	0.571206	-1.75068	0.299381	0.654637	-1.52756	0.0293483	0.363855	-2.74835	0.3406	0.679184	-1.47235	2.23977	5.50445	2.18453	1
cg03191029	C12orf62	0.135012	0.348889	0.768651	-1.30098	0.127095	1.56861	1.56861	0.0319036	1.98582	1.98582	0.211358	1.43227	1.43227	0.215889	0.700924	-1.42669	0.0750826	1.7174	1.7174	0.969344	0.989569	-1.01054	0.156157	1.51275	1.51275	0.577637	1.16588	1.16588	2.23976	2.64068	1.048	1
cg27062571	FER1L6	0.135013	0.148358	0.298576	-3.34924	0.0190452	0.109389	-9.14169	0.0141271	0.0943046	-10.6039	0.228018	0.37288	-2.68183	0.193034	0.341652	-2.92696	0.1533	0.303568	-3.29416	0.253527	0.394675	-2.53373	0.211201	0.358088	-2.79261	0.628051	0.683438	-1.46319	2.23975	21.5616	8.55713	1
cg01497576	SLC24A5;SLC24A5	0.135014	0.658956	0.889998	-1.1236	0.0243746	0.494662	-2.02158	0.255169	0.732206	-1.36574	0.46345	1.21628	1.21628	0.260212	0.734823	-1.36087	0.552316	0.85407	-1.17086	0.657829	1.12407	1.12407	0.034422	1.91035	1.91035	0.849178	0.951277	-1.05122	2.23975	2.44187	0.969105	1
cg10995082	CCDC63	0.135016	0.134916	0.461239	-2.16807	0.281803	1.71094	1.71094	0.122153	0.447352	-2.23538	0.758309	1.15973	1.15973	0.0873134	0.403991	-2.4753	0.18605	1.96043	1.96043	0.0405154	0.321144	-3.11386	0.749359	1.16638	1.16638	0.481205	0.709098	-1.41024	2.23973	8.17763	3.24548	1
cg11426075	ERRFI1	0.135016	0.191306	8.77924	8.77924	0.177774	0.104934	-9.52979	0.21503	7.70021	7.70021	0.30555	5.16032	5.16032	?	?	?	0.961939	0.930405	-1.0748	?	?	?	?	?	?	0.029492	76.7169	76.7169	2.85256	63.1572	18.4504	1
cg13021479	MYH10	0.135017	0.188305	5.86597	5.86597	0.00807407	74.1271	74.1271	0.0298893	25.6032	25.6032	0.460291	2.59622	2.59622	0.189391	5.83761	5.83761	0.286621	4.07268	4.07268	0.378336	3.14908	3.14908	0.170305	6.38141	6.38141	0.220879	5.1207	5.1207	2.23973	57.1336	22.6748	1
cg02192504	C7orf50;C7orf50;C7orf50	0.13502	0.0672985	0.675847	-1.47962	0.486512	0.873627	-1.14465	0.767347	0.944888	-1.05833	0.730866	1.0682	1.0682	0.208584	0.776231	-1.28828	0.713637	1.07297	1.07297	0.0198058	1.71191	1.71191	0.167473	1.32465	1.32465	0.63884	1.09453	1.09453	2.2397	1.29514	0.514012	1
cg21043213	PF4;PF4	0.13502	0.170808	0.470834	-2.12389	0.912208	1.05862	1.05862	0.297139	0.572204	-1.74763	0.689265	0.81254	-1.23071	0.0642087	0.341609	-2.92732	0.299374	0.573788	-1.74281	0.0344526	0.27974	-3.57475	0.013564	0.20645	-4.84378	0.979557	1.01332	1.01332	2.2397	9.46204	3.75529	1
cg27643147	SHANK2	0.135024	0.561015	1.45796	1.45796	0.0106987	7.82874	7.82874	0.0528589	4.10208	4.10208	0.706376	0.784461	-1.27476	0.318984	0.516532	-1.93599	0.16286	2.60002	2.60002	0.269385	2.09128	2.09128	0.626483	1.36971	1.36971	0.870715	1.11013	1.11013	2.23967	14.5941	5.79217	1
cg26594101	CHD9	0.135024	0.381507	0.837	-1.19474	0.976222	1.00593	1.00593	0.111476	1.4101	1.4101	0.95156	1.01212	1.01212	0.957855	0.989579	-1.01053	0.133118	1.37879	1.37879	0.075229	0.675234	-1.48097	0.0343575	0.613056	-1.63117	0.314774	0.813774	-1.22884	2.23967	1.39397	0.553245	1
cg13596497	COL4A1;COL4A2	0.135026	0.758425	0.966931	-1.0342	0.440041	1.08963	1.08963	0.458773	1.08571	1.08571	0.237789	0.873886	-1.14431	0.0522148	0.786071	-1.27215	0.0459467	0.779296	-1.28321	0.704849	0.959365	-1.04236	0.734889	1.03775	1.03775	0.0673101	1.25044	1.25044	2.23965	0.421502	0.167289	1
cg01389585	RERG	0.135028	0.512546	1.224	1.224	0.486515	1.24008	1.24008	0.120092	1.67057	1.67057	0.766442	1.09489	1.09489	0.325063	1.36242	1.36242	0.150649	1.59808	1.59808	0.00435251	3.18809	3.18809	0.116321	1.68094	1.68094	0.60023	1.1746	1.1746	2.23964	3.28518	1.30385	1
cg21773962	SOX3	0.135028	0.0099932	0.0070397	-142.051	0.88349	0.799761	-1.25037	0.872013	0.782179	-1.27848	0.205789	7.64292	7.64292	0.182919	8.61469	8.61469	0.169966	0.107824	-9.27437	0.487595	0.341434	-2.92883	0.778785	1.53589	1.53589	0.653985	1.98871	1.98871	2.23964	82.3575	32.6869	1
cg06225767	ETV6	0.13503	0.751839	0.875658	-1.142	0.0564334	0.404934	-2.46954	0.966221	0.982432	-1.01788	0.298908	0.63722	-1.56932	0.967194	1.01736	1.01736	0.094567	2.15785	2.15785	0.124955	2.00403	2.00403	0.0584591	2.44699	2.44699	0.4818	0.741375	-1.34884	2.23962	6.21397	2.46628	1
cg09479389	C19orf57;CC2D1A	0.135031	?	?	?	0.831857	0.843473	-1.18557	0.0817903	0.208309	-4.80056	0.0223594	9.5344	9.5344	0.65079	1.4407	1.4407	?	?	?	?	?	?	0.820429	1.19966	1.19966	0.783004	0.801665	-1.2474	2.43234	16.1081	7.72622	1
cg00184876	CCDC46	0.135031	0.0769806	1.61537	1.61537	0.216753	0.728366	-1.37294	0.722245	0.916643	-1.09094	0.431223	0.822089	-1.21641	0.864434	0.959184	-1.04255	0.0106891	0.457269	-2.1869	0.358187	0.794205	-1.25912	0.628893	1.1261	1.1261	0.717462	1.09266	1.09266	2.23962	2.10937	0.837194	1
cg14807446	THADA;THADA	0.135037	0.0817614	0.233745	-4.27817	0.553436	1.57106	1.57106	0.620072	1.4573	1.4573	0.202947	0.363192	-2.75336	0.00903714	0.0820295	-12.1907	0.312747	0.455274	-2.19648	0.140486	0.302743	-3.30313	0.411551	0.531139	-1.88274	0.290066	0.437164	-2.28747	2.23957	20.1418	7.9943	1
cg05628795	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.135037	0.0328267	3.19588	3.19588	0.0884569	2.39812	2.39812	0.0620647	2.65819	2.65819	0.153178	2.03775	2.03775	0.489326	1.38659	1.38659	0.112842	2.2326	2.2326	0.0746206	2.51992	2.51992	0.0554399	2.7464	2.7464	0.0935389	2.35926	2.35926	2.23957	7.68178	3.04891	1
cg23263226	SLC26A11;SLC26A11;SLC26A11;SLC26A11	0.135037	0.036632	0.343462	-2.91153	0.938817	1.03436	1.03436	0.467725	0.722395	-1.38428	0.980153	1.01101	1.01101	0.110644	0.465324	-2.14904	0.244233	0.585	-1.7094	0.923658	0.958696	-1.04308	0.0453574	2.74629	2.74629	0.147676	0.504789	-1.98102	2.23957	6.86965	2.72658	1
cg12155356	FLRT2	0.135038	0.757605	0.948145	-1.05469	0.07014	0.705927	-1.41658	0.0727643	1.41101	1.41101	0.291113	0.828259	-1.20735	0.142404	0.762441	-1.31158	0.0838185	0.719573	-1.38971	0.220905	0.801438	-1.24776	0.274919	1.21578	1.21578	0.589443	0.910547	-1.09824	2.23956	1.04939	0.416506	1
cg06224732	PMPCB	0.135039	0.194505	1.34478	1.34478	0.0732473	0.649755	-1.53904	?	?	?	0.830996	1.04721	1.04721	0.204082	1.33548	1.33548	0.376464	1.2164	1.2164	0.207927	1.33187	1.33187	0.232787	1.31004	1.31004	0.0800056	0.657533	-1.52084	2.25932	1.48179	0.655855	1
cg04878902	MUPCDH;MUPCDH	0.135041	0.0125592	0.498595	-2.00564	0.202393	0.739532	-1.35221	0.642041	0.900367	-1.11066	0.219143	0.748469	-1.33606	0.119254	0.684518	-1.46088	0.0716947	0.637091	-1.56963	0.260056	1.30133	1.30133	0.711588	0.920114	-1.08682	0.905572	0.973745	-1.02696	2.23954	1.78279	0.707601	1
cg19895197	C17orf37	0.135043	0.0281077	0.452462	-2.21013	0.45388	0.791921	-1.26275	0.245797	0.689918	-1.44945	0.360486	0.750161	-1.33305	0.151882	0.625362	-1.59907	0.0576456	0.518703	-1.92789	0.0235319	0.437312	-2.2867	0.5511	1.20252	1.20252	0.867666	0.950285	-1.05232	2.23953	3.31651	1.31635	1
cg01923894	MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55;MRPL55	0.135045	0.157579	0.553231	-1.80756	0.533614	0.781161	-1.28015	0.893308	0.948792	-1.05397	0.0262761	0.356125	-2.808	0.0227445	0.343707	-2.90946	0.212283	0.597706	-1.67306	0.0484306	0.413416	-2.41887	0.948876	1.02544	1.02544	0.202217	0.590107	-1.69461	2.23951	5.4428	2.16031	1
cg00120948	RERE;RERE;RERE	0.135046	0.109773	0.296521	-3.37245	0.643109	1.38454	1.38454	0.461821	1.68597	1.68597	0.113049	0.300405	-3.32884	0.120559	0.309105	-3.23514	0.415264	0.559537	-1.78719	0.0199718	0.141114	-7.08647	0.133341	0.323327	-3.09285	0.124771	0.313869	-3.18605	2.2395	17.2458	6.84508	1
cg18474563	RARRES3	0.135047	0.429642	1.07574	1.07574	0.826677	1.02006	1.02006	0.0644549	0.828531	-1.20696	0.64236	1.04326	1.04326	0.0100793	0.745258	-1.34182	0.392953	0.923814	-1.08247	0.338163	0.914473	-1.09353	0.735007	0.969705	-1.03124	0.129811	0.862272	-1.15973	2.23949	0.290832	0.115436	1
cg19385321	MMP17	0.135048	0.571271	0.942267	-1.06127	0.425196	0.918845	-1.08832	0.437311	0.920948	-1.08584	0.0206926	0.748605	-1.33582	0.49617	1.07446	1.07446	0.0597566	0.801885	-1.24706	0.0992726	1.2066	1.2066	0.481787	0.928383	-1.07714	0.299134	0.894183	-1.11834	2.23949	0.383138	0.152074	1
cg22932223	KIAA2013	0.13505	0.489351	0.695083	-1.43868	0.730151	0.835833	-1.19641	0.26193	1.83281	1.83281	0.999516	1.00031	1.00031	0.13727	0.436512	-2.29089	0.236534	0.526058	-1.90093	0.0784579	0.36337	-2.75202	0.00957383	0.182855	-5.46882	0.438918	0.664402	-1.50511	2.23947	9.51353	3.7761	1
cg21049361	KIAA1949;KIAA1949;NRM	0.13505	0.360115	0.769074	-1.30026	0.195041	0.682155	-1.46594	0.398995	1.27248	1.27248	0.517181	0.832551	-1.20113	0.147582	0.648165	-1.54282	0.381269	0.778323	-1.28481	0.00954907	0.400117	-2.49927	0.049947	0.53584	-1.86623	0.760438	0.918196	-1.08909	2.23947	2.76224	1.09639	1
cg15074047	SDPR	0.13505	0.479723	1.24044	1.24044	0.0528046	1.93506	1.93506	0.0748197	0.551505	-1.81322	0.603499	0.854583	-1.17016	0.110307	0.593385	-1.68525	0.139359	1.61138	1.61138	0.277786	1.40281	1.40281	0.718548	1.11465	1.11465	0.462542	0.799091	-1.25142	2.23947	3.19004	1.26619	1
cg20908224	MAML3	0.135053	0.769819	0.832324	-1.20146	0.387154	1.7487	1.7487	0.371051	0.560205	-1.78506	0.867922	1.10964	1.10964	0.145166	0.366617	-2.72765	?	?	?	?	?	?	?	?	?	0.0239123	6.05083	6.05083	2.59891	10.2047	3.92652	1
cg13977557	IGFBP3;IGFBP3	0.135056	0.345005	0.853175	-1.17209	0.529277	0.901179	-1.10966	0.628374	1.08288	1.08288	0.409336	1.1477	1.1477	0.00542978	0.550305	-1.81717	0.24312	0.819217	-1.22068	0.314756	0.843903	-1.18497	0.255549	0.823838	-1.21383	0.727739	1.05872	1.05872	2.23942	0.945334	0.37523	1
cg08182240	TBRG1;TBRG1	0.135057	0.286689	0.71042	-1.40762	0.904538	0.963602	-1.03777	0.418911	1.29077	1.29077	0.247745	0.688361	-1.45273	0.513378	0.814782	-1.22732	0.720594	1.11738	1.11738	0.00968758	0.363696	-2.74955	0.141846	1.6292	1.6292	0.542029	1.21015	1.21015	2.23942	3.38717	1.34447	1
cg10468373	FKBP2;FKBP2;FKBP2	0.135057	0.0173461	0.271011	-3.68989	0.464664	0.715114	-1.39838	0.946067	1.03095	1.03095	0.124512	0.472659	-2.11569	0.0376367	0.337367	-2.96413	0.771675	0.877126	-1.14009	0.05935	0.383237	-2.60935	0.106287	0.451699	-2.21386	0.424836	0.692652	-1.44373	2.23941	7.20075	2.85819	1
cg12043807	ZNF367;ZNF367	0.135059	0.0129569	0.427601	-2.33863	0.316906	1.32976	1.32976	0.125695	1.57848	1.57848	0.953449	0.984048	-1.01621	0.875844	1.04401	1.04401	0.316904	1.32976	1.32976	0.157042	1.51722	1.51722	0.916849	0.971643	-1.02918	0.374003	1.28578	1.28578	2.2394	2.69115	1.0682	1
cg27402999	SLC9A9	0.135059	0.388465	0.805685	-1.24118	0.0727024	0.612961	-1.63142	0.467566	1.19805	1.19805	0.76151	0.92829	-1.07725	0.0295405	0.534517	-1.87085	0.819526	0.945667	-1.05745	0.0672347	1.65097	1.65097	0.478683	1.19251	1.19251	0.350972	0.790836	-1.26448	2.2394	2.1194	0.841258	1
cg09934003	DNAJC21;DNAJC21	0.135065	0.0781258	0.675118	-1.48122	0.0266893	0.590337	-1.69395	0.320057	0.813644	-1.22904	0.0977171	1.44006	1.44006	0.537119	0.882112	-1.13364	0.32135	0.814121	-1.22832	0.295447	1.2433	1.2433	0.738088	1.06968	1.06968	0.843211	1.04055	1.04055	2.23935	1.42884	0.567165	1
cg02516944	NTM;NTM;NTM;NTM	0.13507	0.147001	1.34697	1.34697	0.60402	0.904715	-1.10532	0.223033	1.27768	1.27768	0.121306	1.37918	1.37918	0.0885123	1.43282	1.43282	0.121695	1.37864	1.37864	0.0153422	1.76743	1.76743	0.590643	0.901291	-1.10952	0.940936	1.01428	1.01428	2.23931	1.29906	0.51566	1
cg06100790	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.135073	0.570172	1.19832	1.19832	0.746892	1.10749	1.10749	0.122387	1.69524	1.69524	0.249128	1.46196	1.46196	0.306406	1.39634	1.39634	0.124084	1.69055	1.69055	0.0213788	0.418182	-2.39131	0.610662	0.850539	-1.17572	0.371611	0.748842	-1.3354	2.23929	3.52534	1.39939	1
cg04811534	P2RX3	0.135073	0.113338	0.297899	-3.35685	0.0521744	0.211767	-4.72217	0.270954	0.446853	-2.23787	0.76034	0.806521	-1.23989	0.0146465	0.120959	-8.26729	0.27403	0.449348	-2.22545	0.714058	0.772099	-1.29517	0.0518564	0.211203	-4.73479	0.105803	0.288903	-3.46137	2.23929	17.5183	6.9539	1
cg02912949	QTRTD1	0.135078	0.378508	0.746992	-1.3387	0.974178	0.989605	-1.0105	0.721252	0.890775	-1.12262	0.849089	0.940352	-1.06343	0.00584221	0.311879	-3.20637	0.0738366	0.525553	-1.90276	0.291234	0.702169	-1.42416	0.618482	1.17596	1.17596	0.155229	0.611986	-1.63402	2.23925	3.69655	1.46737	1
cg02787967	KIAA0494;KIAA0494	0.135084	0.235692	1.24718	1.24718	0.235377	1.24738	1.24738	0.0811895	1.41005	1.41005	0.483669	1.13487	1.13487	0.971937	0.993767	-1.00627	0.298837	1.21094	1.21094	0.181834	1.28646	1.28646	0.972238	1.0062	1.0062	0.00514682	1.9285	1.9285	2.23921	1.1204	0.444762	1
cg26997880	TNXB	0.135091	0.102619	4.01349	4.01349	0.251982	2.53737	2.53737	0.0782268	4.58286	4.58286	0.68694	1.37058	1.37058	0.280263	0.417571	-2.3948	0.337796	0.46354	-2.15731	0.409158	0.518499	-1.92864	0.0483064	5.78753	5.78753	0.138116	3.46352	3.46352	2.23916	21.4698	8.52295	1
cg14375461	BARHL1	0.135092	0.124226	0.470961	-2.12332	0.186229	1.88496	1.88496	0.65572	1.22505	1.22505	0.188557	0.532498	-1.87794	0.245272	0.577091	-1.73283	0.167582	0.514077	-1.94523	0.0531873	0.370217	-2.70112	0.146175	2.02517	2.02517	0.663144	1.21927	1.21927	2.23915	7.25637	2.8806	1
cg15527348	ONECUT3	0.135092	0.690421	1.12357	1.12357	0.951602	0.98249	-1.01782	0.022334	2.21837	2.21837	0.157884	0.644397	-1.55184	0.237983	0.697856	-1.43296	0.0781502	0.565758	-1.76754	0.823225	0.936956	-1.06729	0.451869	1.24991	1.24991	0.25889	0.709767	-1.40891	2.23915	3.00375	1.19242	1
cg13194822	FBF1	0.135092	0.587467	0.910868	-1.09785	0.315082	0.83774	-1.19369	0.0200741	0.61998	-1.61295	0.182049	1.27304	1.27304	0.249736	1.22754	1.22754	0.615202	1.09022	1.09022	0.190948	1.26618	1.26618	0.647941	0.924636	-1.08151	0.170347	0.779682	-1.28257	2.23915	1.03011	0.40893	1
cg18396865	SNX6;SNX6	0.135094	0.59879	0.892123	-1.12092	0.0763797	1.52786	1.52786	0.339867	0.809376	-1.23552	0.50932	0.865952	-1.1548	0.51711	1.15167	1.15167	0.0246364	1.77778	1.77778	0.0965471	0.675519	-1.48034	0.555915	0.879793	-1.13663	0.6716	0.912391	-1.09602	2.23913	1.63933	0.650779	1
cg25323444	MAD1L1;MAD1L1;MAD1L1	0.135095	0.844272	1.04856	1.04856	0.926298	1.02256	1.02256	0.473188	0.838697	-1.19233	0.722049	1.08994	1.08994	0.00559689	0.415964	-2.40406	0.680583	1.10496	1.10496	0.158264	1.43862	1.43862	0.41947	1.22005	1.22005	0.825311	0.948096	-1.05475	2.23912	2.06166	0.818438	1
cg19816994	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.135095	0.750754	1.05945	1.05945	0.616225	0.912486	-1.09591	0.465628	0.874095	-1.14404	0.636742	0.917399	-1.09004	0.0156536	0.584512	-1.71083	0.0180821	0.594315	-1.68261	0.471333	1.14201	1.14201	0.608015	1.09829	1.09829	0.927039	1.01674	1.01674	2.23912	1.16475	0.462384	1
cg20461826	ZNF652;ZNF652	0.135096	0.159665	0.681533	-1.46728	0.629637	1.132	1.132	0.341861	0.77888	-1.28389	0.946913	1.01714	1.01714	0.0153863	0.468206	-2.13581	0.0212865	0.49347	-2.02646	0.587773	0.869661	-1.14987	0.389506	0.798508	-1.25234	0.161658	0.682943	-1.46425	2.23912	2.30891	0.916596	1
cg09875624	MRGPRE	0.1351	0.0775462	0.595251	-1.67996	0.268765	0.737451	-1.35602	0.356787	0.778331	-1.2848	0.452002	1.22458	1.22458	0.300907	0.753201	-1.32767	0.0403357	1.87058	1.87058	0.449107	1.22624	1.22624	0.0935334	0.614036	-1.62857	0.545089	0.850492	-1.17579	2.23909	2.47931	0.984254	1
cg04219175	RNF141	0.1351	0.865098	0.980928	-1.01944	0.828209	0.97569	-1.02492	0.873562	0.982127	-1.0182	0.142838	0.836649	-1.19524	0.384301	0.903916	-1.1063	0.646402	0.949034	-1.0537	0.00322118	0.634318	-1.5765	0.862589	1.01981	1.01981	0.818049	1.02644	1.02644	2.23908	0.454779	0.180542	1
cg19933343	C17orf80;C17orf80;C17orf80	0.135101	0.118994	1.52099	1.52099	0.107543	0.647075	-1.54542	0.160656	0.689767	-1.44976	0.618965	0.883156	-1.1323	0.389433	1.24432	1.24432	0.335998	1.27873	1.27873	0.077679	1.62578	1.62578	0.144307	0.677949	-1.47504	0.469346	0.833236	-1.20014	2.23908	2.17819	0.864717	1
cg14458626	MDH1	0.135102	0.718463	1.10974	1.10974	0.0268647	0.470463	-2.12557	0.163553	0.652049	-1.53363	0.222386	0.69156	-1.44601	0.646797	1.1419	1.1419	0.0826499	1.73812	1.73812	0.484713	1.22656	1.22656	0.779683	1.084	1.084	0.16119	0.650268	-1.53783	2.23907	2.93326	1.16447	1
cg01165683	THRB;THRB;THRB	0.135104	0.887612	1.06236	1.06236	0.541275	1.30286	1.30286	0.500719	0.746474	-1.33963	0.792658	0.893418	-1.1193	0.00822446	0.235459	-4.24703	0.103226	2.14358	2.14358	0.377675	1.47292	1.47292	0.903072	1.0535	1.0535	0.379452	0.679955	-1.47069	2.23906	6.49016	2.57654	1
cg24031606	CDC25A;CDC25A	0.135105	0.0277147	0.661008	-1.51284	0.573453	0.913478	-1.09472	0.942928	1.01146	1.01146	0.51667	0.900685	-1.11027	0.823652	1.03615	1.03615	0.0182902	0.634062	-1.57713	0.0480568	0.698038	-1.43259	0.167199	0.791167	-1.26396	0.478622	0.891729	-1.12142	2.23905	0.897466	0.356288	1
cg10460820	ATOH1	0.135107	0.41469	1.11974	1.11974	0.0386366	1.3839	1.3839	0.386869	1.12786	1.12786	0.090473	1.28793	1.28793	0.498513	1.09769	1.09769	0.225497	1.18847	1.18847	0.934026	1.01129	1.01129	0.00992199	1.55557	1.55557	0.108495	1.26806	1.26806	2.23903	0.652503	0.259042	1
cg00649199	DYDC2	0.135108	0.238358	0.723485	-1.3822	0.156377	0.672088	-1.4879	0.202335	0.702729	-1.42302	0.819348	0.941808	-1.06179	0.0295157	0.510834	-1.95758	0.738921	1.09162	1.09162	0.119085	1.5579	1.5579	0.886901	0.96339	-1.038	0.0571138	0.568859	-1.75791	2.23902	2.43576	0.966995	1
cg16557964	TMEM45A	0.135114	0.433997	0.825002	-1.21212	0.173199	1.41798	1.41798	0.225334	1.35913	1.35913	0.0972198	0.644947	-1.55051	0.114914	0.661607	-1.51147	0.218688	0.732172	-1.3658	0.0540221	1.69384	1.69384	0.933352	0.980047	-1.02036	0.955775	0.986726	-1.01345	2.23898	2.05898	0.81743	1
cg25513933	SH3PXD2B	0.135115	0.118463	0.206896	-4.83335	0.464961	1.93805	1.93805	0.805435	0.804652	-1.24277	?	?	?	0.044047	0.10655	-9.38525	0.130722	4.5333	4.5333	0.637255	1.52159	1.52159	?	?	?	?	?	?	2.85129	21.374	6.24688	1
cg17293363	PID1;PID1	0.135116	0.0884115	0.647259	-1.54498	0.265681	0.764599	-1.30788	0.170291	0.71323	-1.40207	0.139637	0.692236	-1.44459	0.0666308	0.621321	-1.60947	0.230207	1.33816	1.33816	0.293354	0.777058	-1.2869	0.4145	1.21291	1.21291	0.0580291	0.609082	-1.64182	2.23896	1.89884	0.753857	1
cg00842351	TJP2;TJP2;TJP2;TJP2	0.135119	0.0118117	0.216105	-4.62737	0.281707	1.69744	1.69744	0.327219	0.620113	-1.61261	0.113112	0.439787	-2.27383	0.3549	0.638006	-1.56738	?	?	?	0.689674	0.827901	-1.20787	0.968729	1.0186	1.0186	0.458313	1.42768	1.42768	2.37976	7.25012	2.66576	1
cg25653103	SEPX1	0.135121	0.790043	1.04425	1.04425	0.352222	1.16806	1.16806	0.1236	1.3108	1.3108	0.947142	1.01082	1.01082	0.0659565	1.39759	1.39759	0.874838	0.974745	-1.02591	0.0148872	0.615078	-1.62581	0.81732	0.96315	-1.03826	0.799535	0.959548	-1.04216	2.23893	0.933707	0.370696	1
cg00065071	ST7L;CAPZA1;ST7L;ST7L;CAPZA1;ST7L	0.135122	0.52532	1.0945	1.0945	0.764299	0.958692	-1.04309	0.030771	1.42747	1.42747	0.02817	1.43856	1.43856	0.58858	0.92625	-1.07962	0.712118	1.05337	1.05337	0.457668	0.899333	-1.11194	0.120997	0.789872	-1.26603	0.747503	1.04636	1.04636	2.23892	0.697869	0.277066	1
cg00349607	MACF1	0.135124	0.114259	0.619753	-1.61355	0.678805	1.12296	1.12296	0.735562	1.099	1.099	0.594412	0.860994	-1.16145	0.0684766	0.56665	-1.76476	0.172599	1.49819	1.49819	0.0170956	0.445064	-2.24687	0.871115	1.04626	1.04626	0.921077	1.02798	1.02798	2.2389	2.75021	1.09189	1
cg06362282	B3GALT4	0.135129	0.957652	0.977213	-1.02332	0.0101285	4.08832	4.08832	0.155997	1.93257	1.93257	0.963928	1.01983	1.01983	0.296255	1.60021	1.60021	0.681901	1.1959	1.1959	0.0473823	2.67708	2.67708	0.0916422	2.2395	2.2395	0.852844	0.922557	-1.08394	2.23886	6.68178	2.65285	1
cg04144151	GAL3ST2	0.135134	0.0853107	0.481209	-2.0781	0.109456	1.95631	1.95631	0.965886	0.983689	-1.01658	0.351031	1.4464	1.4464	0.410035	0.72328	-1.38259	0.963064	0.982351	-1.01797	0.0262611	0.362908	-2.75552	0.559648	0.797055	-1.25462	0.119535	0.522294	-1.91463	2.23882	5.24265	2.08151	1
cg15642307	TNXB	0.135136	0.128106	0.239611	-4.17344	0.193087	3.30789	3.30789	0.409852	2.07938	2.07938	0.440701	0.505134	-1.97967	0.0326776	0.114068	-8.7667	0.71705	0.728976	-1.37179	0.0464608	0.137945	-7.24929	0.243155	0.34618	-2.88867	0.26278	0.362729	-2.75688	2.23881	26.7498	10.6207	1
cg01682981	PAN2;PAN2;PAN2	0.135137	0.665539	0.876602	-1.14077	0.0218166	2.30141	2.30141	0.326151	1.35934	1.35934	0.175439	0.646411	-1.547	0.187099	0.654796	-1.52719	0.358416	0.751277	-1.33107	0.849018	0.943921	-1.05941	0.132372	1.63519	1.63519	0.43041	0.783707	-1.27599	2.2388	3.25152	1.29098	1
cg09802818	LOC283404	0.13514	0.766832	0.905819	-1.10397	0.0904419	1.86002	1.86002	0.792436	0.916009	-1.09169	0.274665	0.685174	-1.45948	0.759454	1.10756	1.10756	0.327431	1.39974	1.39974	0.408313	1.3249	1.3249	0.0632196	0.499073	-2.00371	0.0333008	0.43713	-2.28765	2.23878	3.92352	1.5578	1
cg21399428	SLC44A4	0.135141	0.211954	0.594505	-1.68207	0.980926	1.0095	1.0095	0.150081	0.543233	-1.84083	0.980107	1.00991	1.00991	0.00805005	0.261161	-3.82905	0.0630043	0.437287	-2.28683	0.13319	0.526923	-1.89781	0.303014	0.655758	-1.52495	0.229089	0.60703	-1.64736	2.23877	5.5463	2.20212	1
cg22916254	SNRPF	0.135145	0.856344	0.93945	-1.06445	0.0187701	0.374752	-2.66843	0.086318	0.52041	-1.92156	0.908484	0.961139	-1.04043	0.630958	1.18155	1.18155	0.617885	1.18928	1.18928	0.0734167	1.98981	1.98981	0.438238	1.31329	1.31329	0.536444	0.805918	-1.24082	2.23874	4.21249	1.67257	1
cg24076965	OCRL;OCRL	0.135148	0.269937	0.731041	-1.36791	0.0710457	0.576972	-1.73318	0.0196	0.463436	-2.1578	0.633002	0.877047	-1.14019	0.0188221	0.460207	-2.17293	0.0896778	0.600359	-1.66567	0.610252	0.869192	-1.15049	0.440652	0.806984	-1.23918	0.737893	0.912477	-1.09592	2.23872	2.63698	1.04702	1
cg05484376	FNDC4	0.135149	0.0877578	0.42847	-2.33388	0.817529	1.10953	1.10953	0.206654	0.54936	-1.8203	0.135205	0.484704	-2.06311	0.00772611	0.214605	-4.65973	0.149811	0.499365	-2.00254	0.152923	0.502372	-1.99056	0.251982	0.583799	-1.71292	0.327846	0.634932	-1.57497	2.2387	7.17144	2.84746	1
cg07885191	TBCD	0.13515	0.966251	1.01063	1.01063	0.131288	1.50265	1.50265	0.277241	0.753931	-1.32638	0.857549	0.956084	-1.04593	0.391522	0.802971	-1.24538	0.712543	0.911649	-1.09691	0.00753095	2.36215	2.36215	0.738837	1.08723	1.08723	0.490774	0.839498	-1.19119	2.2387	2.21522	0.879565	1
cg07697635	SCAMP1	0.135154	0.42604	1.24967	1.24967	0.474324	0.819121	-1.22082	0.976568	0.991978	-1.00809	0.021575	0.469214	-2.13122	0.445456	0.807928	-1.23773	0.513728	1.19914	1.19914	0.013938	0.434806	-2.29988	0.588444	0.860877	-1.16161	0.517932	0.835487	-1.19691	2.23867	2.66601	1.05857	1
cg14482364	PDE4D;PDE4D;PDE4D	0.135155	0.115484	1.67631	1.67631	0.0821974	0.559157	-1.78841	0.0202197	0.429358	-2.32906	0.968832	0.988273	-1.01187	0.336282	1.34894	1.34894	0.817617	0.932637	-1.07223	0.332457	1.35235	1.35235	0.489378	0.808955	-1.23616	0.526202	0.823747	-1.21396	2.23867	3.2316	1.28314	1
cg13397738	DDX10	0.135156	0.574645	1.13812	1.13812	0.0710201	0.631187	-1.58432	0.108846	0.671003	-1.49031	0.436668	1.19847	1.19847	0.887227	0.968144	-1.0329	0.108617	1.49076	1.49076	0.0352229	1.74998	1.74998	0.787884	1.06346	1.06346	0.856988	1.04202	1.04202	2.23866	1.84561	0.732826	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13543833	AGTPBP1	0.135156	0.877031	0.926957	-1.0788	0.303529	0.593328	-1.68541	0.341058	0.618429	-1.617	0.427523	1.48707	1.48707	0.0808538	0.38742	-2.58118	0.969885	0.981678	-1.01866	0.238648	1.83041	1.83041	0.015973	4.24204	4.24204	0.533439	1.36201	1.36201	2.23865	8.50702	3.37783	1
cg05864140	RESP18	0.135156	0.0789019	0.17316	-5.775	0.128532	4.37729	4.37729	0.236825	3.04623	3.04623	0.66901	0.679429	-1.47182	0.109029	0.207906	-4.80987	0.0689588	6.22821	6.22821	0.24631	0.336337	-2.97321	0.784991	1.27861	1.27861	0.795917	1.2623	1.2623	2.23865	28.6374	11.3709	1
cg22392038	PAX6;PAX6;PAX6	0.135157	0.372472	1.55182	1.55182	0.0327213	3.31731	3.31731	0.10468	2.34227	2.34227	0.888999	0.935175	-1.06932	0.269663	1.73614	1.73614	0.114183	2.28114	2.28114	0.0262086	3.54556	3.54556	0.0562028	2.82302	2.82302	0.918696	1.05022	1.05022	2.23865	8.16631	3.24256	1
cg13752093	ABR;ABR	0.135161	0.730301	1.27804	1.27804	0.0116564	9.34585	9.34585	0.0157137	8.15662	8.15662	0.880744	1.1123	1.1123	0.576572	0.670363	-1.49173	0.456326	1.71231	1.71231	0.366439	1.93054	1.93054	0.717451	1.29386	1.29386	0.945394	1.04976	1.04976	2.23862	17.8194	7.07555	1
cg20637919	LONRF1	0.135161	0.419521	0.812927	-1.23012	0.935038	0.979738	-1.02068	0.323448	0.774074	-1.29187	0.590511	0.872488	-1.14615	0.162887	0.687949	-1.4536	0.100687	0.636673	-1.57066	0.00403241	0.379111	-2.63775	0.959422	1.01286	1.01286	0.688841	0.903865	-1.10636	2.23862	2.23561	0.887694	1
cg17988546	MS4A13;MS4A13;MS4A13;MS4A13	0.135162	0.226111	0.616438	-1.62222	0.268821	0.645094	-1.55016	0.094882	0.497267	-2.01099	0.141341	0.547689	-1.82586	0.520611	1.28127	1.28127	0.233914	0.621893	-1.60799	0.373079	1.4163	1.4163	0.556299	0.79732	-1.2542	0.0120549	0.303719	-3.29252	2.23861	5.13662	2.03961	1
cg06642677	SNRPE	0.135167	0.100729	0.409493	-2.44205	0.0257643	0.268448	-3.72511	0.73202	0.843063	-1.18615	0.634975	1.26809	1.26809	0.0377957	0.302297	-3.308	0.22293	0.529387	-1.88898	0.0719908	0.368822	-2.71133	0.124422	0.437705	-2.28464	0.833563	0.900771	-1.11016	2.23857	8.74471	3.47234	1
cg18113602	CMTM6	0.135169	0.011079	0.111069	-9.00345	0.961428	0.967186	-1.03393	0.29054	2.1313	2.1313	0.408132	0.557826	-1.79267	0.085143	0.268959	-3.71804	0.289005	0.467981	-2.13684	0.178593	0.373098	-2.68026	0.139517	0.333874	-2.99515	0.280332	0.461072	-2.16886	2.23855	16.8742	6.70043	1
cg20282741	MAGOH	0.13517	0.0237534	6.42472	6.42472	0.821259	0.85928	-1.16377	0.61637	1.40338	1.40338	0.0324714	5.58338	5.58338	0.0845961	3.66341	3.66341	0.344671	1.9254	1.9254	0.921477	1.0683	1.0683	0.603253	1.42163	1.42163	0.226091	0.423959	-2.35872	2.36072	16.4325	5.41395	1
cg23273418	PRDM16;PRDM16	0.135172	0.136286	0.443859	-2.25297	0.0169199	0.228958	-4.36761	0.0586265	0.339274	-2.94747	0.948098	1.03349	1.03349	0.0443064	0.310691	-3.21863	0.408763	0.652119	-1.53346	0.192814	0.497865	-2.00858	0.110932	0.415285	-2.40799	0.734082	0.841529	-1.18831	2.23854	9.07783	3.60467	1
cg13248406	MAD1L1;MAD1L1;MAD1L1	0.135172	0.379708	0.89901	-1.11233	0.869714	0.980793	-1.01958	0.33054	0.888146	-1.12594	0.624169	1.06007	1.06007	0.465907	1.09162	1.09162	0.167278	1.18996	1.18996	0.00801337	1.49393	1.49393	0.292974	0.879073	-1.13756	0.845514	1.02331	1.02331	2.23853	0.494835	0.196492	1
cg01637169	NUP210	0.135174	0.0291547	0.401659	-2.48967	0.920444	0.965173	-1.03608	0.162924	0.589492	-1.69638	0.329295	0.699601	-1.42939	0.0664015	0.481662	-2.07614	0.789582	0.90946	-1.09955	0.0416928	0.434694	-2.30047	0.431731	1.3294	1.3294	0.100165	0.527733	-1.8949	2.23852	4.4638	1.77252	1
cg17226917	CARD10	0.135175	0.515366	0.911414	-1.0972	0.0453265	0.724066	-1.38109	0.735978	0.953524	-1.04874	0.278946	1.17152	1.17152	0.364129	1.14013	1.14013	0.283175	1.16977	1.16977	0.0303724	1.43033	1.43033	0.404066	0.886864	-1.12757	0.427067	0.892226	-1.12079	2.23851	0.701092	0.278396	1
cg03956914	LRRC36;LRRC36	0.135175	0.412621	0.749743	-1.33379	0.494542	0.787795	-1.26937	0.0171169	0.368161	-2.7162	0.676595	0.865682	-1.15516	0.0300112	0.41574	-2.40535	0.128606	0.568503	-1.75901	0.289652	1.45923	1.45923	0.872955	1.05657	1.05657	0.301011	0.691781	-1.44554	2.23851	4.19169	1.66448	1
cg15679813	PHF21B;PHF21B	0.135175	0.102806	0.656657	-1.52287	0.376035	0.807288	-1.23872	0.821485	0.948138	-1.0547	0.724524	0.920002	-1.08695	0.377264	0.807756	-1.238	0.278743	0.766909	-1.30393	0.00377761	0.398165	-2.51152	0.959439	1.01206	1.01206	0.897902	1.03071	1.03071	2.23851	1.96865	0.78173	1
cg24621042	SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPINA1;SERPIN	0.135175	0.320188	0.698805	-1.43101	0.0618856	2.08253	2.08253	0.779435	1.10291	1.10291	0.331309	0.704887	-1.41867	0.191447	0.617218	-1.62017	0.31705	0.697069	-1.43458	0.155127	1.70032	1.70032	0.0479345	0.454321	-2.20109	0.374727	0.727692	-1.37421	2.23851	4.31571	1.71373	1
cg15445722	FAM71D	0.135177	0.022812	0.391125	-2.55673	0.160214	0.596325	-1.67694	0.388012	1.35642	1.35642	0.620914	0.842171	-1.18741	0.0678356	0.494218	-2.0234	0.684328	0.868627	-1.15124	0.758475	0.899182	-1.11212	0.107968	0.546448	-1.83	0.0489976	0.460957	-2.1694	2.2385	4.20905	1.67138	1
cg02605173	C19orf45	0.135177	0.736304	1.07762	1.07762	0.152502	1.40349	1.40349	0.628898	1.11373	1.11373	0.832481	0.95423	-1.04796	0.270375	0.775819	-1.28896	0.435608	0.838675	-1.19236	0.0107006	0.491861	-2.03309	0.306207	1.26404	1.26404	0.337891	1.24423	1.24423	2.23849	1.7344	0.688717	1
cg01897498	ANKRD19	0.135177	0.0798285	2.61092	2.61092	0.406891	1.52026	1.52026	0.158941	2.10292	2.10292	0.109156	2.36904	2.36904	0.898505	1.06503	1.06503	0.887955	0.932766	-1.07208	0.553953	0.7441	-1.34391	0.00846517	5.25732	5.25732	0.809036	1.12697	1.12697	2.23849	8.64173	3.43157	1
cg18582824	CNTNAP5	0.135183	0.578593	1.10764	1.10764	0.336412	0.834778	-1.19792	0.048696	0.663507	-1.50714	0.515358	1.1277	1.1277	0.285222	0.8169	-1.22414	0.344477	0.837431	-1.19413	0.0137014	0.57385	-1.74262	0.500471	1.1327	1.1327	0.610955	1.09798	1.09798	2.23845	1.17688	0.46734	1
cg01813033	CTGF	0.135187	0.068648	0.595648	-1.67884	0.405779	0.805556	-1.24138	0.0172474	0.478288	-2.09079	0.648861	0.889992	-1.12361	0.11399	0.6459	-1.54823	0.275731	0.749574	-1.33409	0.774334	0.929527	-1.07582	0.759195	0.924813	-1.0813	0.12786	1.51966	1.51966	2.23841	2.29114	0.909828	1
cg15922246	FASTK;TMUB1;TMUB1;FASTK	0.135188	0.782562	1.09128	1.09128	0.152024	1.62339	1.62339	0.0283877	2.26352	2.26352	0.135046	1.6631	1.6631	0.380718	0.752848	-1.32829	0.77472	0.913379	-1.09484	0.35885	0.742377	-1.34702	0.228711	0.671082	-1.49013	0.112601	1.72522	1.72522	2.23841	3.53426	1.40348	1
cg24478966	RABAC1	0.135191	0.0774852	0.408117	-2.45028	0.637898	0.805343	-1.24171	0.185649	0.526811	-1.89822	0.515174	1.35171	1.35171	0.0059312	0.193315	-5.1729	0.207095	0.544665	-1.83599	0.521752	0.743388	-1.34519	0.710963	0.843682	-1.18528	0.347685	0.643031	-1.55514	2.23839	7.39328	2.93595	1
cg22746182	ANK1	0.135191	0.359397	1.73524	1.73524	0.00865489	7.08149	7.08149	0.141127	2.52354	2.52354	0.520871	0.683448	-1.46317	0.575403	0.718223	-1.39232	0.509126	1.47949	1.47949	0.775961	0.846304	-1.18161	0.0806781	3.10499	3.10499	0.897407	0.927329	-1.07837	2.23839	12.1267	4.81564	1
cg24227390	SPAG4	0.135192	0.380469	0.819169	-1.22075	0.681632	0.9126	-1.09577	0.886602	0.968858	-1.03214	0.106117	0.676178	-1.4789	0.0618183	0.627297	-1.59414	0.111764	0.681125	-1.46816	0.0190873	0.533124	-1.87574	0.440756	0.840035	-1.19043	0.0295155	0.566509	-1.7652	2.23838	1.74278	0.692081	1
cg06107159	LIMS2;LIMS2;LIMS2	0.135193	0.653295	1.28021	1.28021	0.071958	2.99636	2.99636	0.449886	1.52295	1.52295	0.758689	0.845063	-1.18334	0.619862	1.31415	1.31415	0.189072	2.13853	2.13853	0.00708211	6.69336	6.69336	0.378763	0.610581	-1.63778	0.377955	1.63923	1.63923	2.23837	10.5813	4.20198	1
cg04722169	RBPJ;RBPJ;RBPJ;RBPJ	0.135193	0.0203061	0.323249	-3.09359	0.12386	0.510333	-1.9595	0.287307	0.640203	-1.56201	0.214889	1.69384	1.69384	0.307013	0.652551	-1.53245	0.529717	1.29303	1.29303	0.355913	0.681602	-1.46713	0.172666	1.79649	1.79649	0.80459	0.904781	-1.10524	2.23837	5.77628	2.29385	1
cg26361928	G3BP1;G3BP1;G3BP1;G3BP1	0.135198	0.249045	1.5442	1.5442	0.0597107	0.464728	-2.15179	0.470866	1.30283	1.30283	0.210261	0.621175	-1.60985	0.433813	0.749738	-1.3338	0.227929	0.633542	-1.57843	0.691797	1.15453	1.15453	0.170197	1.69355	1.69355	0.0658645	2.10496	2.10496	2.23833	4.6108	1.83105	1
cg02952625	PIP5K1C	0.135199	0.196874	0.373197	-2.67955	0.0547643	4.82502	4.82502	0.210307	2.59521	2.59521	0.86107	1.13491	1.13491	0.187815	0.364835	-2.74096	0.117796	0.293159	-3.41112	0.104985	0.278084	-3.59604	0.379909	1.91689	1.91689	0.784709	0.820513	-1.21875	2.23832	18.5008	7.3471	1
cg27469738	ANKRD2;ANKRD2	0.135201	0.481201	1.81033	1.81033	0.173598	3.32062	3.32062	0.616709	0.658151	-1.51941	0.169541	3.36369	3.36369	0.233458	2.81669	2.81669	0.679325	0.708513	-1.41141	0.0101831	14.6742	14.6742	0.05231	6.23094	6.23094	0.849597	1.17043	1.17043	2.23831	24.3601	9.67401	1
cg12389043	CCDC92	0.135201	0.00774083	0.486711	-2.05461	0.234288	0.769152	-1.30013	0.0413328	0.609332	-1.64114	0.98952	0.997239	-1.00277	0.173204	0.737057	-1.35675	0.702037	1.08428	1.08428	0.77396	0.941182	-1.06249	0.53536	0.876218	-1.14127	0.294344	0.795361	-1.25729	2.23831	1.57096	0.623867	1
cg05284652	SLCO5A1;SLCO5A1;SLCO5A1	0.135201	0.151542	0.854464	-1.17032	0.0946208	0.828575	-1.20689	0.84193	0.97977	-1.02065	0.0657421	0.809481	-1.23536	0.166238	1.16311	1.16311	0.628809	0.951364	-1.05112	0.798519	0.974158	-1.02653	0.115059	0.839133	-1.19171	0.116239	1.19092	1.19092	2.23831	0.371402	0.147493	1
cg00828468	RPS16	0.135203	0.913277	0.979235	-1.02121	0.265245	1.25062	1.25062	0.544046	1.12556	1.12556	0.47953	1.1485	1.1485	0.0221098	0.589449	-1.6965	0.423922	0.854439	-1.17036	0.127423	1.3737	1.3737	0.355923	1.2007	1.2007	0.113413	0.71762	-1.3935	2.2383	1.31527	0.522328	1
cg23185753	KCNAB1;KCNAB1;KCNAB1	0.135206	0.467913	1.34473	1.34473	0.594999	1.24007	1.24007	0.265732	1.59216	1.59216	0.655117	1.19757	1.19757	0.0839167	0.464406	-2.15329	0.443151	1.36829	1.36829	0.0127418	0.289046	-3.45965	0.420944	1.39057	1.39057	0.721161	1.15456	1.15456	2.23827	5.70104	2.26407	1
cg04412234	C16orf38	0.135207	0.568799	1.2182	1.2182	0.301949	1.44268	1.44268	0.118788	0.559744	-1.78653	0.182585	1.62378	1.62378	0.150711	0.589879	-1.69526	0.31103	0.698225	-1.4322	0.819311	1.08157	1.08157	0.0468111	0.458402	-2.18149	0.091839	0.529372	-1.88903	2.23826	4.16358	1.6535	1
cg24584890	PCYT2	0.135207	0.069901	0.685368	-1.45907	0.963353	1.0086	1.0086	0.737946	1.06459	1.06459	0.151251	1.33198	1.33198	0.120354	0.730473	-1.36898	0.0877606	1.42089	1.42089	0.0826741	0.698892	-1.43084	0.610205	0.908612	-1.10058	0.600602	1.10348	1.10348	2.23826	1.23176	0.489175	1
cg07790615	RYR2	0.135211	0.82459	1.24598	1.24598	0.123622	0.191626	-5.21851	0.288919	2.97611	2.97611	?	?	?	0.126383	0.194326	-5.14598	0.499092	0.506735	-1.97342	?	?	?	0.0327156	11.8875	11.8875	0.899855	1.13284	1.13284	2.28222	27.5924	13.8173	1
cg13209122	ITPKB	0.135211	0.237891	0.510804	-1.9577	0.016664	0.204281	-4.89521	0.0208522	0.220677	-4.53152	0.0485669	0.293984	-3.40155	0.490042	0.6832	-1.4637	0.25879	0.5272	-1.89681	0.66279	0.787883	-1.26922	0.254998	0.524271	-1.90741	0.270668	0.536251	-1.8648	2.23823	10.4654	4.15623	1
cg01598675	DDR1;DDR1;DDR1	0.135214	0.619076	0.862299	-1.15969	0.120045	1.64629	1.64629	0.552558	0.837269	-1.19436	0.134189	0.620367	-1.61195	0.10888	0.596384	-1.67677	0.039867	0.495461	-2.01832	0.723034	0.900154	-1.11092	0.137909	1.60359	1.60359	0.356679	0.75561	-1.32343	2.23821	3.09748	1.23014	1
cg02858625	BOC	0.135215	0.105464	1.79134	1.79134	0.329001	0.717451	-1.39382	0.277649	0.689279	-1.45079	0.843397	0.936889	-1.06736	0.00912177	0.335633	-2.97945	0.78259	0.912861	-1.09546	0.531033	0.811276	-1.23263	0.942864	1.02391	1.02391	0.158653	0.608582	-1.64316	2.2382	3.85086	1.52935	1
cg06090660	CDH2	0.135215	0.312559	1.30713	1.30713	0.826577	1.05787	1.05787	0.101711	0.631681	-1.58308	0.15173	0.674506	-1.48257	0.496533	1.19364	1.19364	0.289475	0.754342	-1.32566	0.38134	1.25887	1.25887	0.102729	1.58053	1.58053	0.0503689	1.77162	1.77162	2.2382	2.33037	0.925491	1
cg00207855	NCRNA00164	0.135217	0.624554	0.872524	-1.1461	0.780198	0.925573	-1.08041	0.682707	1.12033	1.12033	0.0570503	0.551418	-1.81351	0.0908603	0.597521	-1.67358	0.329738	0.757244	-1.32058	0.0141977	0.433262	-2.30807	0.267686	1.37604	1.37604	0.544971	0.844196	-1.18456	2.23819	2.70933	1.076	1
cg05348188	LRRC3	0.135217	0.984493	1.00321	1.00321	0.0189329	1.59854	1.59854	0.235155	1.22798	1.22798	0.945743	1.0113	1.0113	0.0635015	1.41113	1.41113	0.930917	0.985791	-1.01441	0.14043	1.29921	1.29921	0.682574	0.934385	-1.07022	0.159935	0.780493	-1.28124	2.23819	0.965696	0.383523	1
cg04141185	TSNARE1	0.13522	0.682431	0.93178	-1.07321	0.276548	0.823333	-1.21458	0.197139	0.79121	-1.26389	0.945046	0.98823	-1.01191	0.110166	0.741522	-1.34858	0.186488	1.27194	1.27194	0.0172477	1.64594	1.64594	0.666064	0.928138	-1.07743	0.645563	0.923536	-1.08279	2.23816	1.04576	0.415324	1
cg06363163	BCL2L11;BCL2L11	0.13522	0.173336	1.61926	1.61926	0.0789799	0.520327	-1.92187	0.176411	0.619993	-1.61292	0.765356	0.906046	-1.1037	0.163805	0.609852	-1.63974	0.260849	0.6778	-1.47536	0.0157741	0.365333	-2.73723	0.84147	1.06823	1.06823	0.873134	0.948702	-1.05407	2.36029	3.97309	1.30924	1
cg05956126	LOC389332	0.135224	0.452712	0.752568	-1.32878	0.0972109	1.96673	1.96673	0.988737	1.00526	1.00526	0.458927	0.755612	-1.32343	0.284353	1.51175	1.51175	0.381092	0.716172	-1.39631	0.0120089	0.312144	-3.20365	0.249304	0.639267	-1.56429	0.580215	0.812542	-1.23071	2.23813	4.89463	1.94393	1
cg00827663	TRAF2	0.135229	0.0692204	0.318347	-3.14122	0.636312	0.764756	-1.30761	0.173417	0.442385	-2.26048	0.913562	0.940694	-1.06304	0.052805	0.289561	-3.4535	0.0188501	0.201533	-4.96196	0.0668591	0.314495	-3.1797	0.348203	0.580532	-1.72256	0.0993346	0.361607	-2.76543	2.2381	11.2378	4.46323	1
cg19353578	PDGFB;PDGFB	0.135231	0.245094	0.641193	-1.55959	0.102152	0.520018	-1.92301	0.0173251	0.346655	-2.88471	0.095037	0.511435	-1.95528	0.0762168	0.486214	-2.05671	0.882059	0.947181	-1.05576	0.93949	1.02814	1.02814	0.0519854	0.445686	-2.24373	0.2472	0.642578	-1.55623	2.23808	4.73599	1.88097	1
cg00345704	LOC730755	0.135234	0.313221	1.30559	1.30559	0.713341	1.09892	1.09892	0.0742479	0.601398	-1.66279	0.407597	1.24179	1.24179	0.541774	1.17104	1.17104	0.356665	1.27424	1.27424	0.895937	0.967101	-1.03402	0.0117317	0.447161	-2.23633	0.762463	0.925433	-1.08058	2.23806	2.31645	0.920021	1
cg25244356	CLDN12	0.135236	0.989371	0.994184	-1.00585	0.510837	1.33915	1.33915	0.0929346	2.24655	2.24655	0.658185	1.21526	1.21526	0.0146562	0.268258	-3.72776	0.774581	1.13397	1.13397	0.0846801	0.433889	-2.30474	0.822662	1.10328	1.10328	0.525196	0.754339	-1.32566	2.23804	6.79584	2.69912	1
cg13604592	AGPAT3;AGPAT3	0.135236	0.992533	0.996195	-1.00382	0.0278	2.88465	2.88465	0.0534522	2.44411	2.44411	0.680691	1.18362	1.18362	0.10049	0.480455	-2.08136	0.139916	1.90992	1.90992	0.463596	1.35518	1.35518	0.66446	0.837108	-1.19459	0.718606	0.862936	-1.15883	2.23804	5.88316	2.33663	1
cg05936438	ACOX3;ACOX3	0.135236	0.499651	0.866052	-1.15466	0.991741	1.00217	1.00217	0.0677231	1.53648	1.53648	0.257693	1.28132	1.28132	0.251721	0.777787	-1.2857	0.0630842	0.644833	-1.55079	0.258318	0.780721	-1.28087	0.212445	1.31735	1.31735	0.173564	1.3551	1.3551	2.23804	1.56123	0.620078	1
cg08098457	MDH1;C2orf86	0.135236	0.129046	0.849371	-1.17734	0.445735	1.08044	1.08044	0.13346	1.17481	1.17481	0.495167	0.933383	-1.07137	0.752013	0.96894	-1.03206	0.196219	1.14571	1.14571	0.822923	0.977938	-1.02256	0.316428	0.902046	-1.10859	0.0196686	1.32376	1.32376	2.23804	0.351152	0.139468	1
cg22427598	ZCCHC3	0.135237	0.527534	1.09357	1.09357	0.0694647	0.752942	-1.32812	0.952391	0.991691	-1.00838	0.203403	1.20636	1.20636	0.0826518	0.764452	-1.30813	0.194289	1.21154	1.21154	0.495023	0.907717	-1.10167	0.559709	1.08591	1.08591	0.0628289	1.33978	1.33978	2.23803	0.692169	0.274912	1
cg05613254	COPS8;COPS8	0.135239	0.105731	0.669876	-1.49281	0.137905	1.43652	1.43652	0.115386	0.67835	-1.47416	0.977598	0.993654	-1.00639	0.0995349	0.664105	-1.50579	0.950943	1.01405	1.01405	0.848792	0.957646	-1.04423	0.0253961	0.54748	-1.82655	0.27089	0.771127	-1.2968	2.23802	1.82213	0.723709	1
cg23807570	ATP2A2;ATP2A2;ATP2A2	0.135239	0.618725	1.14875	1.14875	0.060619	1.79447	1.79447	0.153298	1.526	1.526	0.186432	1.47277	1.47277	0.251849	0.718298	-1.39218	0.0894464	1.67795	1.67795	0.742656	1.09534	1.09534	0.305246	0.745695	-1.34103	0.131187	0.637341	-1.56902	2.23801	2.70793	1.07553	1
cg17299935	CYGB	0.135244	0.480343	1.61081	1.61081	0.128517	2.97943	2.97943	0.75298	1.23343	1.23343	?	?	?	0.337393	0.518284	-1.92945	0.0126118	0.127317	-7.85442	0.332752	1.94249	1.94249	0.691621	0.767254	-1.30335	0.649371	1.35548	1.35548	2.25771	14.0356	6.21672	1
cg06457011	PLCG1;PLCG1	0.135246	0.0650064	0.220298	-4.5393	0.423066	0.550227	-1.81743	0.593917	0.675088	-1.48129	0.324872	0.476034	-2.10069	0.0364695	0.169486	-5.9002	0.160468	0.334643	-2.98826	0.0188533	0.125309	-7.98026	0.0545531	0.203448	-4.91526	0.200428	0.372536	-2.6843	2.23797	18.8943	7.50457	1
cg18331619	TNXB	0.135246	0.900354	1.10621	1.10621	0.140897	0.2791	-3.58294	0.211629	0.346338	-2.88735	0.273191	0.398955	-2.50655	0.0645604	0.187676	-5.32834	0.0160798	0.093131	-10.7376	0.052987	0.169996	-5.88251	0.451604	0.539025	-1.8552	0.0835457	0.213655	-4.68044	2.23796	23.0145	9.14106	1
cg19662667	IDH3B;IDH3B;IDH3B	0.135247	0.508762	0.7768	-1.28733	0.714407	1.14853	1.14853	0.177271	1.71655	1.71655	0.33418	0.687082	-1.45543	0.518394	0.781375	-1.27979	0.118747	0.528315	-1.89281	0.022422	0.356782	-2.80283	0.119155	1.89125	1.89125	0.658592	1.18241	1.18241	2.23796	5.03215	1.99871	1
cg10612775	RICS;RICS	0.135248	0.417413	0.84894	-1.17794	0.176561	1.3283	1.3283	0.657196	1.09228	1.09228	0.552149	1.12621	1.12621	0.583176	0.896267	-1.11574	0.944919	1.01375	1.01375	0.00968696	0.523725	-1.9094	0.164644	1.34041	1.34041	0.488323	1.14927	1.14927	2.23795	1.38417	0.549777	1
cg21438382	SP8;SP8	0.135253	0.604682	0.726845	-1.37581	0.380729	1.732	1.732	0.426435	1.64232	1.64232	0.750822	0.823139	-1.21486	0.561757	0.698788	-1.43105	0.046603	4.02338	4.02338	0.416794	0.602315	-1.66026	0.0116092	6.87239	6.87239	0.356761	1.78433	1.78433	2.23791	13.2281	5.25416	1
cg22161115	UGT2B15	0.135255	0.0173206	0.149495	-6.68918	0.420192	0.582754	-1.71599	0.126874	0.338713	-2.95236	0.57001	1.45704	1.45704	0.678988	0.761196	-1.31372	0.0236125	0.169972	-5.88332	0.862106	0.892265	-1.12074	0.970347	0.975922	-1.02467	0.129443	0.341576	-2.92761	2.23789	15.2376	6.05236	1
cg00255882	WDR33;WDR33;WDR33	0.135256	0.798632	1.19862	1.19862	0.0560226	4.63608	4.63608	0.0405135	5.34689	5.34689	0.701049	0.760815	-1.31438	0.316162	0.479782	-2.08428	0.47474	1.67387	1.67387	0.39873	0.542115	-1.84463	0.0470671	5.00541	5.00541	0.235589	2.41304	2.41304	2.23788	17.8	7.07017	1
cg02547747	CYTSA;CYTSA	0.135259	0.786354	1.04627	1.04627	0.0380665	1.4923	1.4923	0.268042	1.21177	1.21177	0.617619	1.08741	1.08741	0.925354	0.984519	-1.01572	0.755244	0.949269	-1.05344	0.0401524	0.673818	-1.48408	0.380444	1.16159	1.16159	0.0680924	1.40516	1.40516	2.23786	0.982434	0.390227	1
cg12307787	KCNB1	0.135259	0.0927351	47.2659	47.2659	0.286642	9.82902	9.82902	0.301249	9.12929	9.12929	0.150908	24.4124	24.4124	0.228313	13.6804	13.6804	0.370573	6.65794	6.65794	0.0225613	321.325	321.325	0.0149606	573.065	573.065	0.0867092	51.7348	51.7348	2.35996	154.298	50.8523	1
cg11956111	TTC31;TTC31;CCDC142	0.13526	0.670988	0.953612	-1.04864	0.344501	1.11431	1.11431	0.0187293	1.37257	1.37257	0.343487	1.11458	1.11458	0.308248	0.889379	-1.12438	0.187872	1.16781	1.16781	0.166603	0.848793	-1.17814	0.4905	1.08097	1.08097	0.11888	1.20703	1.20703	2.23785	0.437958	0.17396	1
cg18701807	FAM124A	0.135263	0.425625	0.783192	-1.27683	0.0881101	0.568181	-1.76	0.512898	1.22059	1.22059	0.913375	1.03323	1.03323	0.0766338	0.553464	-1.8068	0.0795631	1.79412	1.79412	0.0984108	1.72361	1.72361	0.328898	1.35349	1.35349	0.465328	1.25006	1.25006	2.23783	3.19788	1.27023	1
cg04613080	CNGA2	0.135268	0.242914	0.44124	-2.26634	0.160419	0.366415	-2.72915	0.141783	0.347266	-2.87963	0.183617	0.38886	-2.57162	0.0308191	0.183064	-5.46258	0.866317	0.893325	-1.11941	0.0155409	0.137121	-7.29284	0.195392	0.399767	-2.50146	0.0870046	0.282136	-3.54439	2.2378	15.8876	6.31083	1
cg27430961	SYCE1L	0.135268	0.0255238	2.5131	2.5131	0.979119	0.990953	-1.00913	0.741431	1.12185	1.12185	0.672202	1.15926	1.15926	0.0899684	0.522597	-1.91352	0.441781	1.31305	1.31305	0.930933	0.970348	-1.03056	0.0265859	2.49091	2.49091	0.954148	1.02017	1.02017	2.2378	4.27328	1.69742	1
cg23669043	CTSF	0.135269	0.198813	0.69038	-1.44848	0.0159706	0.447079	-2.23674	0.456039	0.812896	-1.23017	0.711093	1.10685	1.10685	0.0814346	0.590362	-1.69388	0.0699538	0.575271	-1.73831	0.0634451	0.565803	-1.7674	0.1457	0.652953	-1.5315	0.600937	0.865879	-1.1549	2.23779	2.63895	1.04824	1
cg18422875	KCNN2	0.135271	0.934262	0.95469	-1.04746	0.818624	1.13781	1.13781	0.294933	1.8414	1.8414	0.652552	1.29011	1.29011	0.848479	1.1135	1.1135	0.531599	0.700362	-1.42783	0.00408153	0.114599	-8.72604	0.7398	1.20603	1.20603	0.564847	1.38693	1.38693	2.23777	11.1966	4.44752	1
cg06669701	FAM190B	0.135271	0.140556	1.76651	1.76651	0.348537	1.41397	1.41397	0.617561	0.834703	-1.19803	0.480665	1.29344	1.29344	0.303381	1.46613	1.46613	0.0323134	0.406723	-2.45867	0.263035	0.657824	-1.52016	0.0722927	0.486792	-2.05427	0.563259	0.810791	-1.23336	2.23777	4.56575	1.81361	1
cg20931907	CXorf67	0.135272	0.213946	2.12687	2.12687	0.900512	0.930411	-1.07479	0.936466	1.04705	1.04705	0.0733683	0.316179	-3.16276	0.1217	0.380004	-2.63155	0.0448398	3.7735	3.7735	0.0930664	0.344539	-2.90243	0.976395	0.983081	-1.01721	0.977881	0.984138	-1.01612	2.23777	11.7878	4.68236	1
cg24958325	ANKMY1;ANKMY1;DUSP28	0.135277	0.538271	0.855352	-1.16911	0.0203083	2.01675	2.01675	0.0314132	1.88303	1.88303	0.416442	0.812011	-1.23151	0.39176	0.802513	-1.24609	0.613244	0.880031	-1.13632	0.259305	1.34323	1.34323	0.533669	1.17124	1.17124	0.918531	1.02599	1.02599	2.23773	2.22814	0.88508	1
cg14791395	LANCL2	0.135279	0.171345	0.455274	-2.19648	0.552735	0.722905	-1.38331	0.103559	0.382189	-2.61651	0.201445	2.0727	2.0727	0.0439709	0.286312	-3.49269	0.120894	0.403031	-2.4812	0.0854502	0.358008	-2.79323	0.508106	0.695769	-1.43726	0.0690525	0.333161	-3.00155	2.23771	10.3452	4.10945	1
cg15721439	CATSPER2;CATSPER2;CATSPER2	0.13528	0.312044	0.899366	-1.11189	0.0245316	1.31216	1.31216	0.210258	1.14328	1.14328	0.742768	1.03396	1.03396	0.936435	1.00812	1.00812	0.291714	1.11734	1.11734	0.0399513	1.27228	1.27228	0.72394	1.03662	1.03662	0.200358	0.871809	-1.14704	2.2377	0.364536	0.144805	1
cg09743375	JMJD7;JMJD7-PLA2G4B;JMJD7-PLA2G4B	0.135281	0.74527	1.06483	1.06483	0.105297	0.711045	-1.40638	0.592982	1.10956	1.10956	0.303075	0.814191	-1.22821	0.0146095	0.560203	-1.78507	0.45509	0.863634	-1.1579	0.281029	0.80581	-1.24099	0.21888	0.779441	-1.28297	0.159025	1.3365	1.3365	2.23769	1.31595	0.522743	1
cg04352305	RAB40B	0.135287	0.0537057	4.96838	4.96838	0.719884	1.30151	1.30151	0.0319169	6.29533	6.29533	0.418209	1.8319	1.8319	0.257589	0.421239	-2.37395	0.119002	0.289905	-3.4494	0.321238	0.472396	-2.11687	0.795289	1.20957	1.20957	0.795555	1.20926	1.20926	2.23765	18.978	7.53887	1
cg08641078	CIT	0.135291	0.917645	0.983396	-1.01688	0.108575	0.753259	-1.32756	0.0534524	0.701098	-1.42633	0.308102	1.18623	1.18623	0.393323	1.15206	1.15206	0.0713751	1.3854	1.3854	0.124306	1.30919	1.30919	0.775526	0.954773	-1.04737	0.542246	0.90496	-1.10502	2.23762	0.928717	0.368931	1
cg12506775	C10orf18	0.135293	0.0862342	0.59879	-1.67004	0.994209	1.00197	1.00197	0.691506	0.897707	-1.11395	0.0238906	0.482267	-2.07354	0.0503945	0.546951	-1.82832	0.122381	0.635742	-1.57296	0.992474	0.997451	-1.00256	0.897423	1.03551	1.03551	0.255588	1.37866	1.37866	2.23761	2.59419	1.03054	1
cg05650260	TFAP2D	0.135297	0.414218	1.77219	1.77219	0.166258	0.36349	-2.75111	0.240108	0.430316	-2.32387	0.112508	0.305906	-3.26898	0.0115667	0.114787	-8.71181	0.156516	0.353793	-2.82651	0.0911122	0.279204	-3.5816	0.356617	0.522044	-1.91555	0.264344	0.450411	-2.2202	2.23757	16.656	6.6167	1
cg07802571	MARK1	0.135298	0.027057	0.613458	-1.6301	0.880065	0.972205	-1.02859	0.396869	1.17582	1.17582	0.0601195	1.48572	1.48572	0.628822	0.913075	-1.0952	0.544268	1.1214	1.1214	0.117552	0.728074	-1.37349	0.201464	0.777365	-1.2864	0.793481	0.952198	-1.0502	2.23757	1.2352	0.490692	1
cg01014486	IQCE;IQCE;IQCE;IQCE	0.135301	0.0208892	1.39473	1.39473	0.288054	0.876334	-1.14112	?	?	?	0.189752	1.18085	1.18085	0.369405	1.11664	1.11664	0.0670445	1.27849	1.27849	0.599358	0.938528	-1.0655	0.455066	1.09534	1.09534	0.552166	0.930547	-1.07464	2.25726	0.455179	0.201651	1
cg07214954	ZNF608	0.135308	0.319663	0.68106	-1.4683	0.706335	0.869405	-1.15021	0.0953785	0.496523	-2.014	0.0813062	2.09791	2.09791	0.839422	1.0778	1.0778	0.690698	1.1594	1.1594	0.234359	0.626215	-1.59689	0.0421854	2.4866	2.4866	0.211155	1.64143	1.64143	2.53163	5.20235	1.36996	1
cg10062221	ASH2L;ASH2L	0.135311	0.419733	1.15881	1.15881	0.0973019	1.38448	1.38448	0.930346	1.01575	1.01575	0.316285	1.20351	1.20351	0.447231	1.14855	1.14855	0.814747	0.958904	-1.04286	0.783227	0.951888	-1.05054	0.919045	0.981988	-1.01834	0.00432827	1.97752	1.97752	2.23746	1.13278	0.450025	1
cg17247435	PAN3;LOC100288730;PAN3	0.135315	0.118113	2.49723	2.49723	0.0555203	0.310238	-3.22333	0.0222376	4.38453	4.38453	0.312135	1.75759	1.75759	0.736042	0.833198	-1.2002	0.634019	0.772069	-1.29522	0.802301	1.14489	1.14489	0.289391	1.80964	1.80964	0.599796	1.3305	1.3305	2.23744	10.3085	4.09535	1
cg20455395	TTC25	0.135316	0.102933	0.308751	-3.23886	0.0327084	5.28107	5.28107	0.288171	2.05529	2.05529	0.704622	0.780692	-1.28092	0.0390802	0.204433	-4.89158	0.907599	0.927347	-1.07835	0.600737	1.40984	1.40984	0.872339	1.11013	1.11013	0.749911	0.812337	-1.23102	2.35947	15.4359	5.08831	1
cg14098708	SLC6A6;SLC6A6	0.135317	0.317129	1.66575	1.66575	0.0173034	0.23918	-4.18095	0.642949	0.794251	-1.25905	0.0155584	0.23132	-4.32301	0.88748	0.932526	-1.07236	0.615972	0.779164	-1.28343	0.893995	0.936333	-1.068	0.80585	0.885582	-1.1292	0.280707	0.575066	-1.73893	2.23742	8.62784	3.4277	1
cg06479877	TNFSF12;TNFSF12-TNFSF13	0.135317	0.714632	0.94258	-1.06092	0.172368	1.2635	1.2635	0.0273685	0.656842	-1.52244	0.233735	0.817887	-1.22266	0.125089	1.30648	1.30648	0.295433	0.839694	-1.19091	0.212282	1.2356	1.2356	0.811953	0.962349	-1.03912	0.34756	0.855778	-1.16853	2.23742	0.918856	0.365046	1
cg23635429	ATRNL1	0.135318	0.0950335	1.30276	1.30276	0.141758	1.2558	1.2558	0.684526	1.06066	1.06066	0.0375253	0.706134	-1.41616	0.168451	1.23564	1.23564	0.665832	0.939276	-1.06465	0.188665	0.818074	-1.22238	0.367796	0.875134	-1.14268	0.851455	0.973334	-1.0274	2.23741	0.736604	0.292641	1
cg05009079	STARD13	0.13533	0.188274	0.508975	-1.96473	0.298247	1.68596	1.68596	?	?	?	0.898515	1.06376	1.06376	0.197585	1.93436	1.93436	0.248641	0.557558	-1.79353	0.0661579	0.368459	-2.714	0.205922	0.523947	-1.90859	0.0569915	0.352271	-2.83873	2.25703	7.45661	3.30372	1
cg20728746	ZNF2;ZNF2	0.135332	0.0871504	0.752603	-1.32872	0.0338652	1.45172	1.45172	0.699062	0.943223	-1.06019	0.233218	0.828551	-1.20693	0.946446	1.01016	1.01016	0.0473731	0.710809	-1.40685	0.80565	0.963587	-1.03779	0.531164	0.908964	-1.10015	0.441759	1.12527	1.12527	2.23731	0.802262	0.318741	1
cg01230890	DNAJC10	0.135332	0.0582405	1.92453	1.92453	0.0460953	0.49703	-2.01195	0.601688	0.851214	-1.17479	0.355373	0.74766	-1.33751	0.767474	1.09494	1.09494	0.158337	1.58611	1.58611	0.366699	1.32797	1.32797	0.230047	1.4699	1.4699	0.179768	1.54621	1.54621	2.2373	3.3153	1.31718	1
cg19553402	PLXNB2	0.135333	0.226138	0.668269	-1.4964	0.0396187	2.12686	2.12686	0.193216	1.54752	1.54752	0.355794	0.739911	-1.35151	0.947295	0.979253	-1.02119	0.81418	0.928052	-1.07753	0.627906	0.85651	-1.16753	0.0513759	0.494867	-2.02074	0.163051	0.623642	-1.60349	2.2373	3.56368	1.41587	1
cg15304928	TMEM9	0.135335	0.00750856	0.314463	-3.18003	0.766567	0.904751	-1.10528	0.527572	0.806382	-1.24011	0.109893	0.556595	-1.79664	0.193137	0.629374	-1.58888	0.357135	0.7273	-1.37495	0.252687	0.669179	-1.49437	0.620086	1.18296	1.18296	0.355171	1.37684	1.37684	2.23728	4.00556	1.59144	1
cg20797858	POU3F2	0.135338	0.239636	1.71316	1.71316	0.762502	0.875896	-1.14169	0.0191086	0.289389	-3.45555	0.426995	0.70146	-1.4256	0.726435	1.16599	1.16599	?	?	?	0.960401	1.02194	1.02194	0.0322923	0.334207	-2.99216	0.74245	0.865741	-1.15508	2.25697	6.07332	2.69092	1
cg02038323	OASL;OASL	0.135338	0.0264709	0.291538	-3.43009	0.0406611	0.330473	-3.02596	0.0332356	0.311611	-3.20913	0.828912	0.903585	-1.1067	0.192813	0.524299	-1.90731	0.22392	0.549602	-1.8195	0.237672	0.560179	-1.78514	0.124027	0.458262	-2.18216	0.119865	0.453609	-2.20454	2.23725	7.77656	3.08972	1
cg21355508	NDUFB11;RBM10;NDUFB11;RBM10;NDUFB11;NDUFB11	0.135343	0.0268829	0.158879	-6.29412	0.985857	0.987638	-1.01252	0.821739	0.853535	-1.1716	0.333006	2.01537	2.01537	0.0957736	0.276943	-3.61086	0.169493	0.358058	-2.79284	0.0355285	0.179514	-5.5706	0.141942	0.33019	-3.02856	0.402253	0.54794	-1.82502	2.23722	17.4501	6.93326	1
cg08024053	CGB7;CGB7	0.135344	0.0824218	0.718932	-1.39095	0.907392	0.980237	-1.02016	0.0134515	0.591623	-1.69027	0.296436	0.830529	-1.20405	0.144085	0.764008	-1.30889	0.306944	0.834088	-1.19891	0.448397	0.875886	-1.1417	0.0370117	0.66006	-1.51501	0.673554	1.07538	1.07538	2.23721	1.04247	0.414196	1
cg22851561	C14orf43;C14orf43	0.135346	0.727418	1.12409	1.12409	0.0146625	2.73023	2.73023	0.409953	1.32534	1.32534	0.75989	0.902609	-1.1079	0.617593	1.18323	1.18323	0.689345	1.14375	1.14375	0.140115	1.69993	1.69993	0.013598	2.7747	2.7747	0.440843	1.30048	1.30048	2.2372	3.95889	1.57296	1
cg21769114	CNOT10	0.135351	0.224515	0.817943	-1.22258	0.575097	1.09331	1.09331	0.472915	0.891378	-1.12186	0.0271389	0.66235	-1.50977	0.863761	1.02742	1.02742	0.318245	1.17643	1.17643	0.0270522	0.662141	-1.51025	0.355202	1.16161	1.16161	0.976328	0.995337	-1.00468	2.23716	0.879047	0.349271	1
cg09549827	ESPN	0.135352	0.253632	0.65818	-1.51934	0.507024	0.789643	-1.2664	0.166204	0.59572	-1.67864	0.545928	0.80701	-1.23914	0.248087	0.654659	-1.52751	0.12113	0.554502	-1.80342	0.00751501	0.299084	-3.34354	?	?	?	0.589855	1.21038	1.21038	2.25687	3.91103	1.73295	1
cg10244368	ZNF808	0.135353	0.034692	14.7479	14.7479	0.0623751	9.90146	9.90146	0.109262	6.74404	6.74404	0.344029	2.90179	2.90179	0.87072	1.19484	1.19484	0.347545	2.8781	2.8781	0.105491	6.91006	6.91006	0.0378761	13.893	13.893	0.0534569	10.9954	10.9954	2.23714	42.3253	16.8172	1
cg24935185	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.135355	0.262843	0.817703	-1.22294	0.145942	0.764053	-1.30881	0.0323358	0.649186	-1.54039	0.2522	0.813665	-1.22901	0.627768	0.919215	-1.08789	0.177075	0.780872	-1.28062	0.590257	0.910541	-1.09825	0.0869984	1.38518	1.38518	0.278567	1.21438	1.21438	2.23713	1.05307	0.418421	1
cg21037018	SEPT7;SEPT7	0.135356	0.178089	2.07326	2.07326	0.279459	1.77345	1.77345	0.182971	2.05446	2.05446	0.828474	0.895334	-1.1169	0.707003	1.21216	1.21216	0.478565	1.44352	1.44352	0.0111138	0.19749	-5.06354	0.460623	1.46631	1.46631	0.34511	1.64128	1.64128	2.23712	9.19891	3.65506	1
cg26495839	C19orf39	0.135356	0.0294764	0.14604	-6.84742	0.118513	0.280361	-3.56683	0.120493	0.282593	-3.53866	0.791458	0.819663	-1.22001	?	?	?	?	?	?	0.121744	0.283994	-3.5212	0.0464365	0.180568	-5.53808	0.602654	0.674268	-1.48309	2.28105	15.8224	7.9274	1
ch.8.1234861F	XKR4	0.135357	0.0940474	0.555395	-1.80052	0.0574655	0.503416	-1.98643	0.0217972	2.40948	2.40948	0.302052	0.710684	-1.4071	0.911927	1.03598	1.03598	0.59435	0.842235	-1.18732	0.495205	0.801534	-1.24761	0.773003	1.09679	1.09679	0.928334	0.971673	-1.02915	2.23711	3.61521	1.43646	1
cg17442752	C22orf36;GGT1	0.135358	0.0289552	1.69134	1.69134	0.123756	0.711609	-1.40527	0.0490799	0.632225	-1.58172	0.664185	0.914708	-1.09324	0.245253	0.78032	-1.28153	0.430182	1.17862	1.17862	0.643803	0.909346	-1.09969	0.656768	0.912763	-1.09558	0.642996	1.09995	1.09995	2.2371	1.4758	0.586395	1
cg15818956	UTP6	0.135363	0.493392	0.871779	-1.14708	0.0164371	1.78314	1.78314	0.380746	1.19407	1.19407	0.0791282	1.46896	1.46896	0.97992	0.995047	-1.00498	0.67402	1.08704	1.08704	0.287144	0.804098	-1.24363	0.386249	0.839271	-1.19151	0.135494	1.37356	1.37356	2.23707	1.37885	0.547879	1
cg03509329	LRRC16B	0.135363	0.32706	0.661193	-1.51242	0.168629	1.82177	1.82177	0.152211	1.87227	1.87227	0.0411573	2.62044	2.62044	0.248921	0.61092	-1.63688	0.150824	1.87682	1.87682	0.218755	0.589243	-1.69709	0.815693	0.908943	-1.10018	0.249631	1.63556	1.63556	2.23706	5.92397	2.35386	1
cg03986691	APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;APBB2	0.135364	0.21959	0.405624	-2.46534	0.0087753	0.0969988	-10.3094	0.499315	0.619187	-1.61502	0.928143	1.06508	1.06508	0.439897	0.576608	-1.73428	0.0714441	0.244842	-4.08426	0.102002	0.286203	-3.49402	0.932011	0.9421	-1.06146	0.0868025	0.266591	-3.75106	2.23706	17.3102	6.87814	1
cg21646199	NHLH2;NHLH2	0.135366	0.0403289	10.7606	10.7606	0.435444	2.22148	2.22148	0.91345	1.11523	1.11523	0.785788	0.760889	-1.31425	0.0568916	8.68449	8.68449	0.585651	0.575691	-1.73704	0.854605	0.831934	-1.20202	0.091503	6.4496	6.4496	0.0291179	13.1891	13.1891	2.23705	35.6494	14.1653	1
cg12470721	FGGY;FGGY	0.135366	0.563455	1.21161	1.21161	0.0670259	0.509322	-1.9634	0.414287	1.31556	1.31556	0.918914	1.03403	1.03403	0.0559727	0.490904	-2.03706	0.844234	0.937396	-1.06678	0.0498558	0.479445	-2.08575	0.334985	0.721256	-1.38647	0.0516371	0.482892	-2.07086	2.23704	3.82663	1.52051	1
cg19427600	PLXNC1	0.135366	0.63915	0.733927	-1.36253	0.26421	0.466592	-2.1432	0.0349271	0.199876	-5.00311	0.305111	2.00494	2.00494	0.0474689	0.226466	-4.41568	0.831863	0.869996	-1.14943	0.0262474	0.177836	-5.62315	0.990955	1.00745	1.00745	0.510312	0.645695	-1.54872	2.23704	15.2017	6.04038	1
cg13953972	FAM107B	0.135367	0.180954	0.313983	-3.18489	0.869235	1.14382	1.14382	0.562544	1.61201	1.61201	0.691369	1.38463	1.38463	0.425929	1.9407	1.9407	0.360045	2.15425	2.15425	0.665385	0.701262	-1.426	0.00650348	17.8933	17.8933	0.343067	0.450854	-2.21801	2.23704	23.5652	9.36365	1
cg04725029	CASP9;CASP9;CASP9;CASP9	0.135367	0.0311602	1.98757	1.98757	0.512757	0.835021	-1.19758	0.237553	1.39942	1.39942	0.850656	1.05253	1.05253	0.438956	0.807024	-1.23912	0.0276901	0.493149	-2.02779	0.908704	1.03165	1.03165	0.648157	1.1329	1.1329	0.305203	1.33425	1.33425	2.23704	2.61358	1.03851	1
cg03393223	LOC399959	0.135369	0.228946	1.28075	1.28075	0.014569	1.80346	1.80346	0.0717605	1.48292	1.48292	0.963169	1.00909	1.00909	0.185964	1.31632	1.31632	0.158374	1.34384	1.34384	0.18519	1.31703	1.31703	0.0418665	1.58353	1.58353	0.155456	1.34704	1.34704	2.23702	1.36091	0.540765	1
cg05567269	TJP1;TJP1	0.13537	0.153162	0.573445	-1.74385	0.141464	1.77678	1.77678	0.856432	0.936285	-1.06805	0.947488	0.97634	-1.02423	0.249148	0.645402	-1.54942	0.101348	0.520931	-1.91964	0.150774	0.571321	-1.75033	0.0623375	2.14407	2.14407	0.236641	0.63714	-1.56951	2.23702	4.68219	1.86049	1
cg05473289	TNXB	0.135371	0.450977	0.791001	-1.26422	0.157666	1.58599	1.58599	0.224847	0.677616	-1.47576	0.965934	0.987047	-1.01312	0.459531	0.794623	-1.25846	0.805069	1.07841	1.07841	0.0104091	2.67727	2.67727	0.174984	1.55327	1.55327	0.837885	0.939376	-1.06454	2.237	3.30159	1.31191	1
cg03471999	DLGAP2	0.135377	0.287243	0.718079	-1.3926	0.0140974	0.403284	-2.47964	0.0845341	0.564484	-1.77153	0.555292	0.836262	-1.1958	0.14333	0.624157	-1.60216	0.919751	0.970249	-1.03066	0.539672	1.20454	1.20454	0.423528	1.2776	1.2776	0.0987616	0.581271	-1.72037	2.23696	3.18242	1.26458	1
cg14519350	OSM	0.135377	0.247467	0.651761	-1.5343	0.12398	0.554465	-1.80354	0.166211	0.592947	-1.68649	0.239051	0.646289	-1.5473	0.474027	0.772773	-1.29404	0.335381	1.42146	1.42146	0.0403525	2.31262	2.31262	0.891254	0.952727	-1.04962	0.0989488	0.52707	-1.89728	2.23696	4.4402	1.76438	1
cg25485119	ZC3H8	0.135379	0.0687207	0.618339	-1.61724	0.769847	1.07168	1.07168	0.374423	0.806448	-1.24001	0.896552	1.03117	1.03117	0.471721	1.18855	1.18855	0.302943	0.777418	-1.28631	0.835761	0.952198	-1.0502	0.320018	1.27438	1.27438	0.0139625	2.04701	2.04701	2.23695	1.9724	0.783768	1
cg23758597	PARK2;PARK2;PARK2	0.135381	0.832475	1.05595	1.05595	0.373862	0.790893	-1.26439	0.286963	0.75265	-1.32864	0.349535	0.780761	-1.2808	0.183027	0.695514	-1.43778	0.0539032	0.569835	-1.75489	0.0056545	0.39331	-2.54252	0.915336	0.973041	-1.02771	0.663237	0.893507	-1.11919	2.23693	2.33992	0.929815	1
cg04190002	SHANK3	0.135382	0.267014	0.847798	-1.17953	0.109701	0.779595	-1.28272	0.0392707	0.711379	-1.40572	0.893784	1.01926	1.01926	0.177509	1.22706	1.22706	0.605155	1.07731	1.07731	0.0896074	1.30631	1.30631	0.495878	1.10377	1.10377	0.435735	1.12024	1.12024	2.23692	0.722272	0.28701	1
cg13279566	B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1;B3GALNT1	0.135385	0.188266	1.5274	1.5274	0.0218628	0.433506	-2.30678	0.361555	1.32969	1.32969	0.820722	0.933363	-1.07139	0.837171	1.06452	1.06452	0.266079	1.42201	1.42201	0.308353	0.725906	-1.37759	0.101729	1.72339	1.72339	0.359986	0.751315	-1.331	2.2369	3.27012	1.29947	1
cg22947000	BCMO1	0.135385	0.274161	0.601288	-1.6631	0.780322	0.882505	-1.13314	0.932762	0.962979	-1.03844	0.781249	0.882985	-1.13252	0.222151	0.563502	-1.77462	0.125605	0.476637	-2.09803	0.0138125	0.256561	-3.89771	0.0237976	0.299378	-3.34026	0.12135	0.471968	-2.11879	2.23689	7.08015	2.81348	1
cg10944735	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.135386	0.209608	0.257943	-3.87682	0.227165	3.66637	3.66637	0.261662	3.31825	3.31825	0.64235	0.619248	-1.61486	0.112897	0.170645	-5.86014	0.723428	1.43921	1.43921	0.0224495	0.0606857	-16.4783	0.143338	0.199586	-5.01036	0.318826	0.347941	-2.87405	2.23689	37.1994	14.7822	1
cg13452658	KCNN3;KCNN3	0.135386	0.0627448	0.688065	-1.45335	0.607978	1.09678	1.09678	0.263604	0.81215	-1.2313	0.678104	0.928187	-1.07737	0.955632	1.00998	1.00998	0.0924935	1.39177	1.39177	0.0314557	1.56911	1.56911	0.555566	0.899022	-1.11232	0.376928	1.17572	1.17572	2.23689	1.12937	0.448785	1
cg15583193	PTPRN2;PTPRN2;PTPRN2	0.135395	0.0483331	0.608489	-1.64341	0.298304	0.788684	-1.26793	0.579006	0.883903	-1.13135	0.219654	0.752612	-1.32871	0.0408298	0.594612	-1.68177	0.754044	1.07166	1.07166	0.0617813	1.58915	1.58915	0.645107	0.902924	-1.10751	0.80415	1.05623	1.05623	2.23682	1.71761	0.682559	1
cg04304036	SLC7A6;SLC7A6;SLC7A6OS	0.135395	0.663537	0.855251	-1.16925	0.6262	0.839167	-1.19166	0.852821	0.935812	-1.06859	0.74087	0.888209	-1.12586	0.00596895	0.276932	-3.61099	0.238941	0.643675	-1.55358	0.538809	1.24893	1.24893	0.225912	1.57499	1.57499	0.201211	0.617443	-1.61958	2.23682	4.52044	1.79637	1
cg16234274	LRRC4B	0.135395	0.699945	1.05679	1.05679	0.0164539	1.51908	1.51908	0.0414298	1.39859	1.39859	0.289112	1.16995	1.16995	0.875857	1.02255	1.02255	0.0963124	1.29753	1.29753	0.0693353	1.33618	1.33618	0.684525	0.943399	-1.06	0.293736	1.16807	1.16807	2.23682	0.720788	0.286434	1
cg05579124	GGA2	0.135396	0.94318	0.974734	-1.02592	0.683314	0.863078	-1.15864	0.0234818	0.378494	-2.64205	0.680676	1.16017	1.16017	0.966088	1.01538	1.01538	0.945073	1.02504	1.02504	0.0114063	0.320837	-3.11684	0.745713	1.12392	1.12392	0.489228	1.28686	1.28686	2.23681	4.56598	1.81448	1
cg02720131	TTLL3	0.135398	0.884865	1.04002	1.04002	0.629498	1.14072	1.14072	0.616158	1.1467	1.1467	0.877543	1.04265	1.04265	0.924861	1.02588	1.02588	0.776239	0.925726	-1.08023	0.0226633	2.09381	2.09381	0.0101555	2.40627	2.40627	0.132336	1.5525	1.5525	2.2368	2.59856	1.03265	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26679405	DPP3;DPP3	0.135401	0.0240974	0.677008	-1.47709	0.0774567	0.752307	-1.32925	0.226197	0.831705	-1.20235	0.492715	0.903907	-1.10631	0.657972	1.06674	1.06674	0.0879406	0.761028	-1.31401	0.139062	0.79383	-1.25972	0.511238	1.10144	1.10144	0.393972	1.13498	1.13498	2.23677	0.744927	0.296033	1
cg17830308	NEUROG1	0.135403	0.228798	3.93977	3.93977	0.224797	3.99148	3.99148	0.420673	2.44269	2.44269	0.132096	5.83805	5.83805	0.301451	0.312779	-3.19715	0.732878	1.45051	1.45051	0.31824	0.326307	-3.0646	0.0129837	28.411	28.411	0.187916	4.54873	4.54873	2.23676	41.7503	16.5916	1
cg20281815	PSCA	0.135404	0.798812	0.923941	-1.08232	0.317769	0.726263	-1.37691	0.016024	0.401287	-2.49198	0.225133	0.673958	-1.48377	0.0250816	0.438076	-2.28271	0.375508	1.32538	1.32538	0.708055	0.890021	-1.12357	0.194406	0.653647	-1.52988	0.257802	0.693682	-1.44158	2.23675	3.39829	1.35049	1
cg06381933	HDAC4	0.135405	0.398979	0.844539	-1.18408	0.989969	1.00246	1.00246	0.58005	1.11556	1.11556	0.349354	1.20745	1.20745	0.0971178	0.700276	-1.42801	0.542585	1.12818	1.12818	0.302799	0.811505	-1.23228	0.536577	1.13026	1.13026	0.00945213	0.52541	-1.90328	2.23675	1.35637	0.539024	1
cg21930487	NDUFS2;NDUFS2;NDUFS2	0.135406	0.832731	1.02925	1.02925	0.107461	1.27063	1.27063	0.0442176	1.37041	1.37041	0.790018	1.03705	1.03705	0.642871	0.938325	-1.06573	0.439399	1.1135	1.1135	0.407759	0.890972	-1.12237	0.0299038	1.41665	1.41665	0.0573655	1.34054	1.34054	2.23674	0.6584	0.261651	1
cg20332242	MED14	0.135408	0.802192	1.02274	1.02274	0.015449	1.305	1.305	0.754512	1.0285	1.0285	0.860067	0.984316	-1.01593	0.659384	1.04054	1.04054	0.742896	1.02993	1.02993	0.0890803	0.845361	-1.18293	0.089817	0.845753	-1.18238	0.415903	0.928212	-1.07734	2.23672	0.284327	0.112993	1
cg13990958	DAGLB;DAGLB	0.135408	0.0429943	1.49013	1.49013	0.0180344	0.611371	-1.63567	0.626952	0.919534	-1.08751	0.343877	0.846199	-1.18175	0.321824	0.839207	-1.1916	0.591931	1.09711	1.09711	0.260353	0.817847	-1.22272	0.453746	0.87747	-1.13964	0.738817	0.944299	-1.05899	2.23672	1.03919	0.412984	1
cg07592535	ASAH2;ASAH2	0.135414	0.143485	1.6143	1.6143	0.0589517	0.522182	-1.91504	0.0273231	0.451357	-2.21554	0.538194	1.20909	1.20909	0.460352	1.25732	1.25732	0.313713	0.728019	-1.37359	0.367065	1.32615	1.32615	0.417752	0.777034	-1.28695	0.715383	0.894434	-1.11803	2.23667	3.28768	1.30657	1
cg11908291	FOLR1;FOLR1;FOLR1;FOLR1	0.135415	0.464405	0.777252	-1.28658	0.0652023	0.496315	-2.01485	0.0387048	0.44477	-2.24835	0.506813	1.25598	1.25598	0.795918	1.09167	1.09167	0.970145	0.987415	-1.01275	0.0511884	2.12005	2.12005	0.656621	0.859483	-1.16349	0.228219	0.651811	-1.53419	2.23667	4.05686	1.61226	1
cg23143313	LAMA2;LAMA2	0.135417	0.0984011	2.49105	2.49105	0.175546	2.06544	2.06544	0.43661	1.49127	1.49127	0.291768	1.7347	1.7347	0.378053	1.57686	1.57686	0.0762503	0.370364	-2.70005	0.591794	1.31335	1.31335	0.0336707	3.48766	3.48766	0.111398	2.39453	2.39453	2.23665	8.98238	3.56977	1
cg02269091	IDH3A	0.135417	0.36556	0.821837	-1.21679	0.119523	1.42836	1.42836	0.665085	1.09628	1.09628	0.00771929	0.485613	-2.05925	0.302899	0.798328	-1.25262	0.415447	0.838889	-1.19205	0.859465	1.03811	1.03811	0.664711	1.09641	1.09641	0.632803	0.903396	-1.10693	2.23665	1.57795	0.627109	1
cg03568675	RSPO4;RSPO4	0.135424	0.0325409	0.195285	-5.12072	0.762448	0.820458	-1.21883	0.578346	0.693153	-1.44268	0.347345	0.531713	-1.88071	0.133538	0.347712	-2.87594	0.165354	0.38063	-2.62723	0.00905449	0.114704	-8.71808	0.350514	0.534048	-1.87249	0.142217	0.357042	-2.80079	2.2366	15.0943	5.99889	1
ch.2.1904845F	POLR1A	0.135427	0.00776862	0.285413	-3.5037	0.923014	0.965166	-1.03609	0.1131	0.531258	-1.88232	0.0633219	0.464876	-2.15111	0.748166	1.12542	1.12542	0.706628	0.870494	-1.14877	0.54028	1.25534	1.25534	0.933193	0.969715	-1.03123	0.951318	0.977854	-1.02265	2.23658	4.76578	1.89408	1
cg17201947	ZBTB47	0.135429	0.0532966	2.12991	2.12991	0.644495	1.17353	1.17353	0.926712	0.968812	-1.03219	0.0730585	1.99073	1.99073	0.872404	0.94615	-1.05691	0.391544	1.353	1.353	0.0915761	1.89609	1.89609	0.0337987	2.34797	2.34797	0.0410486	2.25223	2.25223	2.23656	4.20121	1.66971	1
cg03214277	SLC25A23	0.13543	0.778001	1.18065	1.18065	0.757613	0.833671	-1.19951	0.864336	1.10563	1.10563	?	?	?	?	?	?	0.274283	0.507924	-1.9688	0.0113346	0.131532	-7.60269	?	?	?	0.613604	1.34956	1.34956	2.59488	8.99099	3.46489	1
cg12967370	RFESD;RFESD;RFESD;RFESD;RFESD	0.135432	0.00804954	0.532924	-1.87644	0.922873	1.01812	1.01812	0.238184	0.795282	-1.25742	0.896905	0.976253	-1.02432	0.329679	0.82986	-1.20502	0.211276	0.783355	-1.27656	0.0361114	0.636445	-1.57123	0.627327	0.913288	-1.09495	0.16011	0.757113	-1.32081	2.23654	1.21751	0.483889	1
cg21548116	ADH5	0.135432	0.199022	0.660582	-1.51382	0.361298	1.33204	1.33204	0.129505	0.606264	-1.64945	0.511612	0.815965	-1.22554	0.372532	0.756004	-1.32274	0.279425	0.709241	-1.40996	0.00926586	0.364634	-2.74248	0.540958	0.82771	-1.20815	0.322937	1.36606	1.36606	2.23653	3.30644	1.31411	1
cg00765127	TNFRSF10C	0.135433	0.196184	0.425286	-2.35136	0.701359	0.785803	-1.27258	0.0608092	0.266561	-3.75148	0.0705837	0.282493	-3.53992	0.0164209	0.159696	-6.26189	0.283008	0.497663	-2.00939	0.135791	0.365811	-2.73365	0.0880278	0.307984	-3.24692	0.0913349	0.312479	-3.20022	2.23653	13.8623	5.50944	1
cg27378814	DLC1;DLC1;DLC1	0.135439	0.485158	1.2357	1.2357	0.819385	0.934037	-1.07062	0.0097347	0.376973	-2.65271	0.555898	0.837167	-1.19451	0.569759	1.18696	1.18696	0.446852	1.26028	1.26028	0.0636975	0.53688	-1.86261	0.647788	1.1471	1.1471	0.294988	0.723214	-1.38272	2.23649	3.15327	1.25326	1
cg20441048	UBE2QL1	0.13544	0.874512	0.956053	-1.04597	0.00738317	2.66877	2.66877	0.732568	1.10245	1.10245	0.99524	0.998305	-1.0017	0.112287	0.611617	-1.63501	0.942435	0.979674	-1.02075	0.525867	0.832955	-1.20054	0.649444	1.13897	1.13897	0.264213	0.718261	-1.39225	2.23648	2.86409	1.13833	1
cg04466253	ACBD5;ACBD5;ACBD5	0.13544	0.535475	0.886512	-1.12802	0.235751	1.26937	1.26937	0.911155	0.978802	-1.02166	0.719518	0.93312	-1.07167	0.110702	1.39602	1.39602	0.534597	1.12832	1.12832	0.0124681	0.550571	-1.8163	0.264738	1.24998	1.24998	0.445582	1.16098	1.16098	2.23647	1.30521	0.518756	1
cg09855140	UBAC2;FKSG29;UBAC2;UBAC2	0.135448	0.0700608	0.219327	-4.55941	0.992089	0.9926	-1.00745	0.230235	2.56749	2.56749	0.445101	0.558149	-1.79164	0.0912733	0.248272	-4.02785	0.476333	0.581288	-1.72032	0.0294373	0.146434	-6.82901	0.569267	1.53863	1.53863	0.095527	0.253659	-3.9423	2.23641	19.8764	7.90011	1
cg12051027	SPATA6	0.135449	0.55397	0.763368	-1.30998	0.834136	0.909759	-1.09919	0.0115707	0.24074	-4.15385	0.291568	0.610425	-1.6382	0.377993	0.664991	-1.50378	0.445632	0.704215	-1.42002	0.0269348	0.306731	-3.26018	0.742163	0.861652	-1.16056	0.0510356	0.367017	-2.72467	2.23641	7.20547	2.8639	1
cg08196561	ZCCHC14	0.135449	0.0313241	1.96767	1.96767	0.550247	0.850469	-1.17582	0.0882053	1.65556	1.65556	0.0962933	1.63126	1.63126	0.144419	1.52215	1.52215	0.134472	0.648916	-1.54103	0.459972	1.22335	1.22335	0.644515	1.13258	1.13258	0.361329	1.28589	1.28589	2.23641	2.54341	1.01091	1
cg11885396	SLC6A17;SLC6A17	0.135449	0.499137	1.21795	1.21795	0.222772	1.44511	1.44511	0.992541	0.997317	-1.00269	0.930368	1.02543	1.02543	0.692924	1.12082	1.12082	0.534623	1.19809	1.19809	0.0974796	1.6864	1.6864	0.00525509	2.87998	2.87998	0.0871588	1.72085	1.72085	2.23641	2.92532	1.16271	1
cg25158628	RAI2	0.135454	0.0660045	0.194442	-5.14292	0.0313578	7.4261	7.4261	0.131131	3.64811	3.64811	0.161678	3.27588	3.27588	0.400599	1.98013	1.98013	0.287334	0.415951	-2.40413	0.57721	1.56386	1.56386	0.511133	1.69754	1.69754	0.736315	1.30781	1.30781	2.23637	22.3299	8.87545	1
cg22475430	ATN1	0.135461	0.0740243	1.36759	1.36759	0.0715034	1.37225	1.37225	0.146225	1.27793	1.27793	0.0829977	1.3523	1.3523	0.538364	0.906691	-1.10291	0.240307	0.824231	-1.21325	0.0812956	1.35506	1.35506	0.855611	0.971766	-1.02905	0.288134	1.18933	1.18933	2.23632	0.875614	0.348038	1
cg02669989	JUN;JUN	0.135462	0.106537	1.67613	1.67613	0.268295	1.40204	1.40204	0.538953	1.19998	1.19998	0.267079	1.40334	1.40334	0.0452267	1.96069	1.96069	0.245623	1.42746	1.42746	0.0379625	0.49402	-2.02421	0.787841	0.923991	-1.08226	0.59627	1.16964	1.16964	2.23631	3.04215	1.20919	1
cg13661323	SLC24A2	0.135463	0.0599229	0.3637	-2.74952	0.0376457	3.15509	3.15509	0.677226	1.22075	1.22075	0.606182	0.780519	-1.2812	0.544926	0.746802	-1.33904	0.350875	0.632852	-1.58015	0.0563212	0.357085	-2.80046	0.758056	0.863098	-1.15862	0.220778	0.541516	-1.84667	2.2363	8.04178	3.19647	1
cg22412649	SPATA13;MIR2276;SPATA13	0.135463	0.302891	0.698237	-1.43218	0.0421269	2.19919	2.19919	0.760275	1.1085	1.1085	0.635077	0.851363	-1.17459	0.849881	0.938216	-1.06585	0.212022	0.642442	-1.55656	0.13332	0.57982	-1.72467	0.0399025	2.22428	2.22428	0.829782	0.9301	-1.07515	2.2363	4.01237	1.59485	1
cg22823767	SCML2	0.135469	0.107556	0.0428078	-23.3603	0.0678458	0.0254856	-39.2378	0.9242	1.18618	1.18618	0.201733	11.2304	11.2304	0.595908	2.61227	2.61227	0.0149178	0.00464864	-215.117	0.963379	1.08586	1.08586	0.955036	0.903786	-1.10646	0.935058	0.863974	-1.15744	2.23626	114.007	45.3165	1
cg14522790	TACC2;TACC2	0.13547	0.0922983	0.717516	-1.3937	0.98852	0.997425	-1.00258	0.0904979	1.39679	1.39679	0.387442	0.853239	-1.172	0.284574	0.819421	-1.22037	0.7818	0.951472	-1.051	0.038107	1.53829	1.53829	0.171704	1.29782	1.29782	0.668926	0.925823	-1.08012	2.23624	1.13688	0.451901	1
cg22858872	YDJC	0.135473	0.440452	0.862017	-1.16007	0.551979	1.12027	1.12027	0.043307	1.55065	1.55065	0.0531241	0.660517	-1.51396	0.0776896	0.690682	-1.44784	0.467024	0.869632	-1.14991	0.518968	1.13133	1.13133	0.41942	1.16848	1.16848	0.569187	1.1147	1.1147	2.23623	1.26158	0.501471	1
cg10130860	PPIH	0.135473	0.747465	1.03944	1.03944	0.178751	1.18653	1.18653	0.334688	0.887702	-1.1265	0.625881	1.06059	1.06059	0.0147965	0.698337	-1.43197	0.118487	0.816351	-1.22496	0.181992	0.843997	-1.18484	0.988295	1.00176	1.00176	0.423266	1.10288	1.10288	2.23622	0.507677	0.201799	1
cg04508701	OLIG3;OLIG3	0.135473	0.353262	0.442214	-2.26135	0.0347873	0.122217	-8.18217	0.136985	0.254495	-3.92936	0.73734	1.33316	1.33316	0.371051	0.456277	-2.19165	0.234788	0.345115	-2.89759	0.440549	0.510722	-1.95801	0.0369893	7.9195	7.9195	0.996061	0.995792	-1.00423	2.23622	25.8472	10.2741	1
cg08680162	QPCTL;SNRPD2;QPCTL;SNRPD2	0.13548	0.991878	0.997385	-1.00262	0.0388695	1.84986	1.84986	0.734743	0.916244	-1.09141	0.746566	0.919981	-1.08698	0.887727	0.964318	-1.037	0.406484	0.803785	-1.24411	0.0232579	0.497771	-2.00896	0.189254	1.43003	1.43003	0.320263	1.30233	1.30233	2.23617	2.34301	0.931359	1
cg26281789	CCDC88C	0.135481	0.692931	1.25844	1.25844	0.0142287	5.76309	5.76309	0.0277068	4.51465	4.51465	0.613567	1.34303	1.34303	0.229863	0.482063	-2.07442	0.749517	0.830665	-1.20385	0.74177	0.825705	-1.21109	0.873254	0.91168	-1.09688	0.666165	1.28581	1.28581	2.23616	11.8805	4.72259	1
cg08456043	NLGN2	0.135485	0.600791	1.12911	1.12911	0.871915	0.963571	-1.03781	0.915682	0.975937	-1.02466	0.292645	0.777951	-1.28543	0.0145056	0.500249	-1.999	0.0526012	0.602422	-1.65997	0.646345	0.899194	-1.11211	0.292056	1.28585	1.28585	0.289643	1.2876	1.2876	2.23613	1.87328	0.744653	1
cg14508705	DNM3;DNM3	0.135491	0.245459	1.45488	1.45488	0.307206	1.38573	1.38573	0.462468	1.25966	1.25966	0.28403	1.40985	1.40985	0.569153	0.837298	-1.19432	0.653234	1.14978	1.14978	0.0203509	2.37033	2.37033	0.0115748	2.64942	2.64942	0.345367	1.34977	1.34977	2.23608	3.3732	1.34092	1
cg17335237	MGC2752	0.135495	0.16198	0.839171	-1.19165	0.355874	1.11797	1.11797	0.989357	1.00157	1.00157	0.377796	0.899188	-1.11211	0.964851	0.994839	-1.00519	0.118129	0.819355	-1.22047	0.0119873	0.692079	-1.44492	0.82475	1.02638	1.02638	0.0750985	0.792361	-1.26205	2.23606	0.488315	0.194118	1
cg10920224	TRAF3;TRAF3;TRAF3	0.135495	0.629884	1.5863	1.5863	0.393222	2.29584	2.29584	0.751026	1.35321	1.35321	0.566293	0.576431	-1.73481	0.643389	0.642092	-1.55741	0.300844	0.361056	-2.76965	0.00385026	0.0246998	-40.4861	0.50758	0.527923	-1.89422	0.5828	0.590279	-1.69411	2.23606	31.9787	12.7123	1
cg14256643	SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.135496	0.581704	1.07561	1.07561	0.658942	1.05992	1.05992	0.0745082	0.770826	-1.29731	0.574244	1.0772	1.0772	0.381019	1.12492	1.12492	0.711859	1.0498	1.0498	0.0195736	1.44709	1.44709	0.0930008	0.784978	-1.27392	0.650261	1.06162	1.06162	2.23605	0.607759	0.241601	1
cg04932691	ZBED4	0.135496	0.125524	0.755958	-1.32283	0.310995	1.19349	1.19349	0.172754	0.782826	-1.27742	0.404258	0.86588	-1.15489	0.351383	0.850577	-1.17567	0.290226	1.20349	1.20349	0.0531707	1.44876	1.44876	0.093105	0.732181	-1.36578	0.478188	0.885437	-1.12939	2.23605	1.00838	0.40086	1
cg17052885	RPTOR;RPTOR	0.135499	0.850473	1.03993	1.03993	0.0364777	0.603902	-1.6559	0.0289483	1.70615	1.70615	0.877802	0.968582	-1.03244	0.209827	0.760182	-1.31547	0.891246	1.02879	1.02879	0.228389	1.29989	1.29989	0.650034	0.909587	-1.0994	0.352207	0.819862	-1.21972	2.23602	1.52428	0.60595	1
cg19621710	ATAD3C	0.1355	0.144259	0.582171	-1.71771	0.0304947	0.416048	-2.40357	0.244539	0.657118	-1.5218	0.52555	0.80102	-1.24841	0.0229065	0.391108	-2.55684	0.114392	0.553071	-1.80809	0.167323	0.601883	-1.66145	0.842384	0.933637	-1.07108	0.0493814	0.461369	-2.16746	2.23602	4.21283	1.67474	1
cg19142411	RAD52	0.135503	0.027499	0.128592	-7.77655	?	?	?	?	?	?	0.882634	1.09981	1.09981	?	?	?	?	?	?	?	?	?	0.214879	0.410413	-2.43657	0.885306	0.91124	-1.09741	3.32772	8.44583	2.53802	1
cg11834694	FAM53A	0.135503	0.203899	0.810679	-1.23353	0.00744892	0.583094	-1.71499	0.162596	0.791889	-1.2628	0.106789	0.759109	-1.31733	0.344782	1.16453	1.16453	0.439115	0.883809	-1.13147	0.766267	0.954412	-1.04777	0.840248	1.0321	1.0321	0.787579	0.958607	-1.04318	2.23599	0.867607	0.344906	1
cg14652056	HCG4	0.135504	0.154629	3.34019	3.34019	0.0207112	9.06922	9.06922	0.198719	2.93038	2.93038	0.90733	0.911937	-1.09657	0.993951	1.00602	1.00602	0.645289	0.692864	-1.44329	0.969476	0.970163	-1.03075	0.317593	2.26552	2.26552	0.0180185	9.72457	9.72457	2.23598	22.1919	8.82215	1
cg22354905	TMEFF2	0.135507	0.255565	1.55045	1.55045	0.146334	0.562072	-1.77913	0.0402288	0.416565	-2.40058	0.202683	1.64366	1.64366	0.728307	1.13752	1.13752	0.538881	1.25845	1.25845	0.354174	1.4222	1.4222	0.0671687	2.13406	2.13406	0.386218	1.38847	1.38847	2.23596	4.83445	1.9219	1
cg18651544	ZNF610;ZNF610;ZNF610	0.135508	0.249975	0.686779	-1.45607	0.221538	0.669256	-1.4942	0.36565	0.747892	-1.33709	0.262111	0.693879	-1.44117	0.703036	1.12717	1.12717	0.027806	0.44367	-2.25393	0.0359005	0.466328	-2.14442	0.0855509	0.552129	-1.81117	0.0459678	0.489262	-2.04389	2.23595	3.45907	1.37513	1
cg08843902	VAC14	0.135516	0.295574	0.515537	-1.93973	0.349757	1.80027	1.80027	0.0868281	3.17466	3.17466	0.962262	0.971512	-1.02932	0.134956	0.373681	-2.67608	0.218598	0.45366	-2.20429	0.0228885	0.189595	-5.27441	0.377044	0.574828	-1.73965	0.471818	0.639504	-1.56371	2.2359	13.2126	5.2527	1
cg11160572	PALLD;PALLD;PALLD	0.135518	0.667384	0.751775	-1.33018	0.00639744	0.0961956	-10.3955	0.0717641	0.265344	-3.7687	0.677706	1.31761	1.31761	0.396923	0.564127	-1.77265	0.425597	0.584532	-1.71077	0.477099	0.620592	-1.61136	0.345081	0.526357	-1.89985	0.393644	1.78007	1.78007	2.23588	15.4228	6.13145	1
cg07323141	LOC151174;LOC643387;LOC151174	0.135519	0.066909	25.5524	25.5524	0.0644407	26.5134	26.5134	0.0998261	17.2085	17.2085	0.176589	9.64563	9.64563	0.0693158	24.6801	24.6801	0.0967329	17.756	17.756	0.0258142	65.105	65.105	0.274828	6.00508	6.00508	0.113473	15.1409	15.1409	2.23587	88.1506	35.045	1
cg26228351	KIF21B;KIF21B	0.135522	0.227556	1.67459	1.67459	0.0365003	0.371845	-2.68929	0.115863	2.00493	2.00493	0.829477	0.915956	-1.09176	0.17486	1.79917	1.79917	0.868337	1.06986	1.06986	0.963892	1.0186	1.0186	0.200145	1.7347	1.7347	0.12564	0.509373	-1.9632	2.23585	5.86618	2.33217	1
cg24432051	HEMK1	0.135522	0.688967	0.929439	-1.07592	0.944126	0.987333	-1.01283	0.361183	0.843063	-1.18615	0.40189	0.855532	-1.16886	0.845772	1.03605	1.03605	0.783866	0.951226	-1.05128	0.00265712	0.46957	-2.12961	0.874087	1.02926	1.02926	0.42491	0.862258	-1.15975	2.23584	1.17127	0.465654	1
cg13365620	TBCE;TBCE	0.135523	0.0153283	0.533957	-1.87281	0.995715	0.998869	-1.00113	0.144444	0.71858	-1.39163	0.94914	1.01354	1.01354	0.652296	0.908814	-1.10034	0.289528	1.26081	1.26081	0.0907958	1.48107	1.48107	0.275627	0.787351	-1.27008	0.625656	0.901546	-1.10921	2.23584	1.57363	0.625619	1
cg08176353	RRAGD	0.135524	0.0492128	0.137656	-7.26446	0.467139	0.520177	-1.92242	0.636686	1.52238	1.52238	0.386212	0.456284	-2.19162	0.0218266	0.08794	-11.3714	0.268616	0.361399	-2.76702	0.0272128	0.0993819	-10.0622	0.198984	0.301527	-3.31645	0.238145	0.335728	-2.9786	2.23584	27.6297	10.9846	1
cg25409040	CSTF3;CSTF3;CSTF3	0.135527	0.62512	0.879427	-1.1371	0.0953423	1.61302	1.61302	0.745149	0.918422	-1.08882	0.31455	1.31175	1.31175	0.0373326	0.532313	-1.87859	0.353533	0.779529	-1.28283	0.703242	1.10502	1.10502	0.0429895	1.8361	1.8361	0.955326	0.985489	-1.01472	2.23581	2.41068	0.958411	1
cg14916917	RPS23	0.135528	0.033914	0.520898	-1.91976	0.743543	1.09031	1.09031	0.498425	1.19842	1.19842	0.602103	1.1486	1.1486	0.49296	1.20128	1.20128	0.933996	0.978421	-1.02206	0.183407	1.45028	1.45028	0.08083	1.66513	1.66513	0.043657	1.84199	1.84199	2.2358	2.45627	0.976541	1
cg00975226	VTI1A	0.135529	0.139095	0.436686	-2.28998	0.206112	0.499539	-2.00184	0.190566	0.486096	-2.05721	0.639117	0.782077	-1.27865	0.0168761	0.219357	-4.55878	0.459009	0.675442	-1.48051	0.0161876	0.216349	-4.62215	0.790776	1.14841	1.14841	0.386735	0.630181	-1.58684	2.2358	9.59048	3.8129	1
cg26534213	ZZZ3	0.135531	0.00860919	0.470988	-2.1232	0.246166	0.76143	-1.31332	0.0637512	0.626033	-1.59736	0.495041	1.16848	1.16848	0.839302	1.04669	1.04669	0.635948	0.898382	-1.11311	0.508964	0.860222	-1.16249	0.782065	0.939584	-1.0643	0.365212	1.23254	1.23254	2.23578	1.78827	0.710972	1
cg10612060	PSMA4;PSMA4;PSMA4	0.135532	0.773454	1.04942	1.04942	0.202032	0.798411	-1.25249	0.260493	0.821893	-1.2167	0.0987547	0.738939	-1.35329	0.560231	0.90625	-1.10345	0.0483052	0.685837	-1.45807	0.0333318	1.51537	1.51537	0.944938	0.988523	-1.01161	0.730732	0.943898	-1.05944	2.23577	0.989029	0.393215	1
cg12835736	FOXF2	0.135535	0.374956	0.56321	-1.77554	0.00898035	0.123102	-8.12332	0.185666	0.412812	-2.42241	0.663982	1.31728	1.31728	0.164286	0.392363	-2.54866	0.113682	0.337871	-2.95971	0.175314	0.403059	-2.48102	0.707789	1.26793	1.26793	0.155702	0.383795	-2.60556	2.23575	14.074	5.59554	1
cg05064567	RPTOR;RPTOR	0.135537	0.22989	0.688807	-1.45179	0.581445	0.84809	-1.17912	0.730899	0.902878	-1.10757	0.114818	0.602022	-1.66107	0.0474211	0.511122	-1.95648	0.479209	1.23722	1.23722	0.00895321	0.373873	-2.67471	0.821216	0.935213	-1.06928	0.487271	0.811511	-1.23227	2.23573	3.10087	1.23285	1
cg10510478	CLDN18;CLDN18	0.13554	0.323304	1.72098	1.72098	0.0740269	2.88504	2.88504	0.0886981	2.71644	2.71644	0.043892	0.291567	-3.42974	0.904513	0.938131	-1.06595	0.201448	0.487773	-2.05013	0.929153	1.04846	1.04846	0.223795	1.97415	1.97415	0.857053	1.10071	1.10071	2.23571	10.0279	3.98696	1
cg03650608	ADAMTS10	0.135542	0.220165	0.716767	-1.39515	0.915248	1.02788	1.02788	0.317043	0.765534	-1.30628	0.424371	1.2346	1.2346	0.0158575	0.466153	-2.14522	0.429028	1.23189	1.23189	0.607332	1.14327	1.14327	0.92555	1.02444	1.02444	0.0419746	0.545849	-1.83201	2.2357	2.36267	0.939371	1
cg01920563	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.135545	0.697471	0.838945	-1.19197	0.0620502	2.57138	2.57138	0.0787588	2.40517	2.40517	0.99868	0.999257	-1.00074	0.0454066	0.356421	-2.80567	0.311724	0.624715	-1.60073	0.164584	0.513469	-1.94754	0.892647	0.941106	-1.06258	0.633127	0.805591	-1.24133	2.23567	7.1554	2.84494	1
cg15933823	ATP6V0E2;ATP6V0E2;LOC401431	0.135546	0.0662219	0.732484	-1.36522	0.173218	1.24479	1.24479	0.823143	0.966743	-1.0344	0.61643	1.07929	1.07929	0.26591	1.19143	1.19143	0.110046	1.30105	1.30105	0.531945	0.908775	-1.10038	0.0410214	0.700283	-1.42799	0.871643	1.02473	1.02473	2.23567	0.808319	0.321383	1
cg21378047	H1FX;C3orf47	0.135549	0.326228	0.875544	-1.14215	0.670225	1.05778	1.05778	0.796389	0.966663	-1.03449	0.0263758	0.708015	-1.4124	0.858162	0.976816	-1.02373	0.496124	0.91337	-1.09485	0.622541	0.937012	-1.06722	0.477229	1.0994	1.0994	0.0215171	1.43629	1.43629	2.23564	0.608786	0.242053	1
cg15622891	QKI;QKI;QKI;QKI	0.13555	0.753385	0.815163	-1.22675	0.741486	1.23943	1.23943	0.394222	1.76095	1.76095	0.241644	2.21378	2.21378	0.513585	1.5366	1.5366	0.59721	1.41309	1.41309	0.407418	0.577243	-1.73237	0.00406096	12.1994	12.1994	0.27117	2.10183	2.10183	2.23563	14.8868	5.91902	1
cg13127741	COMMD7;COMMD7	0.135551	0.404628	0.695001	-1.43885	0.00711533	4.40806	4.40806	0.10665	2.12053	2.12053	0.521758	0.758009	-1.31924	0.70646	1.1752	1.1752	0.830696	1.09566	1.09566	0.173449	1.85519	1.85519	0.513437	1.32681	1.32681	0.324299	1.54393	1.54393	2.23563	6.44622	2.56302	1
cg12877860	DFNB31;DFNB31	0.135552	0.717663	0.830415	-1.20422	0.0417632	3.32353	3.32353	0.149784	2.20395	2.20395	0.109588	2.44179	2.44179	0.041739	3.32414	3.32414	0.0631163	2.91465	2.91465	0.110705	2.43376	2.43376	0.115363	2.40137	2.40137	0.834686	1.11288	1.11288	2.23562	9.27319	3.68705	1
cg21796427	ACE;ACE	0.135555	0.399446	0.85715	-1.16666	0.042172	0.658174	-1.51936	0.00980183	0.557953	-1.79227	0.600301	1.09908	1.09908	0.326353	0.834372	-1.19851	0.880501	1.02725	1.02725	0.586405	1.10315	1.10315	0.835968	1.03774	1.03774	0.659636	1.08242	1.08242	2.2356	1.1306	0.449534	1
cg15040188	POLRMT	0.135556	0.0173498	1.71802	1.71802	0.855896	1.03454	1.03454	0.897496	1.02436	1.02436	0.0528678	1.50831	1.50831	0.207024	1.28215	1.28215	0.959461	1.00954	1.00954	0.0274949	1.62739	1.62739	0.178862	1.30569	1.30569	0.587101	1.10784	1.10784	2.23559	1.23517	0.491113	1
cg10417631	FGFRL1;FGFRL1;FGFRL1	0.135563	0.0893441	0.763366	-1.30999	0.537186	1.09425	1.09425	0.770342	0.958684	-1.0431	0.510781	0.908329	-1.10092	0.468394	0.899117	-1.1122	0.40528	1.13058	1.13058	0.0114051	1.57845	1.57845	0.276067	0.849325	-1.17741	0.986991	1.00235	1.00235	2.23553	0.735627	0.292499	1
cg05347215	MPP5	0.13557	0.241369	0.442915	-2.25777	0.104293	0.307522	-3.2518	0.211817	0.417524	-2.39507	0.600859	0.704314	-1.41982	0.0253858	0.171262	-5.839	0.118957	0.325058	-3.07637	0.0182605	0.149199	-6.70244	0.742367	0.803283	-1.24489	0.0966576	0.297876	-3.3571	2.23548	15.6122	6.20785	1
cg13952914	AGPAT3;AGPAT3	0.135575	0.22754	0.55458	-1.80317	0.976538	1.01378	1.01378	0.44688	0.697112	-1.43449	0.937977	1.03688	1.03688	0.0265807	0.294265	-3.39829	0.229247	0.555896	-1.7989	0.0133408	0.240118	-4.16462	0.435579	1.44804	1.44804	0.413704	0.677805	-1.47535	2.23544	7.66838	3.04922	1
cg07864189	NADSYN1;NADSYN1	0.135576	0.984148	0.996581	-1.00343	0.017152	1.65005	1.65005	0.0582142	1.44637	1.44637	0.71468	0.93866	-1.06535	0.532578	1.11514	1.11514	0.662925	0.927172	-1.07855	0.147683	0.765054	-1.3071	0.257068	1.22622	1.22622	0.296622	1.20511	1.20511	2.23544	1.05239	0.41847	1
cg08187814	ZEB2;ZEB2	0.135577	0.582487	1.37669	1.37669	0.637822	0.761086	-1.31391	0.721699	0.813893	-1.22866	0.0670748	3.26008	3.26008	0.808366	0.869441	-1.15016	0.133525	2.53908	2.53908	0.597705	1.35882	1.35882	0.0098364	6.54507	6.54507	0.134953	2.5291	2.5291	2.23542	11.737	4.66706	1
cg26945361	ZNF681	0.13558	0.927926	1.02342	1.02342	0.118738	0.648302	-1.54249	0.0941224	0.624354	-1.60166	0.265673	0.743154	-1.34562	0.00988091	0.43417	-2.30325	0.10259	0.633094	-1.57954	0.0740323	0.600775	-1.66452	0.507723	0.841991	-1.18766	0.321365	0.769355	-1.29979	2.23541	2.3189	0.922091	1
cg07669517	GLP2R	0.13558	0.143944	0.485316	-2.06051	0.0346202	0.321602	-3.10944	0.871231	0.928018	-1.07757	0.232223	0.561613	-1.78059	0.0237087	0.288392	-3.4675	0.753816	0.86513	-1.1559	0.0556999	0.368476	-2.71388	0.799358	1.12444	1.12444	0.12331	0.463599	-2.15703	2.2354	7.50779	2.98541	1
cg08089513	FAM3B;FAM3B	0.135584	0.488214	0.771642	-1.29594	0.386644	0.721308	-1.38637	0.185454	0.596364	-1.67683	0.977601	0.989718	-1.01039	0.00371328	0.23621	-4.23352	0.32422	0.687433	-1.45469	0.393646	0.724942	-1.37942	0.103138	0.518763	-1.92766	0.413808	0.735251	-1.36008	2.23537	4.79779	1.90783	1
cg06774974	BRF1;BTBD6;BRF1	0.135585	0.298566	1.79316	1.79316	0.0132396	5.28065	5.28065	0.042505	3.54672	3.54672	0.537417	0.712872	-1.40278	0.800135	0.871539	-1.1474	0.980918	1.01305	1.01305	0.823958	1.12835	1.12835	0.367754	0.60566	-1.65109	0.45786	0.663831	-1.50641	2.23537	10.3996	4.13537	1
cg21101726	REN	0.135587	0.317175	0.869546	-1.15003	0.899406	1.01724	1.01724	0.907327	0.984381	-1.01587	0.0941049	1.28252	1.28252	0.107331	1.2682	1.2682	0.198764	0.832286	-1.20151	0.0184157	1.47193	1.47193	0.786145	1.03745	1.03745	0.665759	0.942941	-1.06051	2.23535	0.646981	0.257273	1
cg07596148	CTU2;CTU2;RNF166	0.135592	0.607339	0.908824	-1.10032	0.0410026	1.54492	1.54492	0.279776	1.23028	1.23028	0.71329	1.07044	1.07044	0.90278	0.977713	-1.0228	0.340097	0.834151	-1.19882	0.040108	0.64565	-1.54883	0.311933	1.21281	1.21281	0.147665	1.33178	1.33178	2.23531	1.20438	0.478933	1
cg22747092	NACC2	0.135593	0.250943	0.638776	-1.56549	0.168347	1.73064	1.73064	0.946649	1.02532	1.02532	0.725808	0.876727	-1.14061	0.0754081	0.477307	-2.09509	0.207147	1.64386	1.64386	0.0251431	0.369682	-2.70503	0.469836	1.31618	1.31618	0.449421	0.749767	-1.33375	2.23531	4.94237	1.96537	1
cg10798682	SLC41A3;SLC41A3	0.135595	0.636021	1.20721	1.20721	0.660621	0.839862	-1.19067	0.725247	0.869899	-1.14956	0.715575	1.15552	1.15552	0.0513507	0.416319	-2.402	0.137341	1.88153	1.88153	0.0643844	2.27227	2.27227	0.0589725	0.430699	-2.32181	0.926348	0.964138	-1.0372	2.23529	5.52348	2.19647	1
cg21692404	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.135596	0.619324	0.885975	-1.1287	0.938864	0.981628	-1.01872	0.219243	1.36658	1.36658	0.471767	0.837828	-1.19356	0.250344	1.33692	1.33692	0.697043	0.909761	-1.09919	0.00458429	2.49006	2.49006	0.75318	1.07924	1.07924	0.854483	1.04538	1.04538	2.23528	2.06866	0.822631	1
cg17550744	C4orf42;C4orf42	0.135597	0.795439	1.07879	1.07879	0.907895	0.966782	-1.03436	0.264021	0.711887	-1.40472	0.396844	0.776278	-1.2882	0.168656	0.651724	-1.53439	0.2332	0.694295	-1.44031	0.010996	0.394071	-2.53761	0.193322	1.4945	1.4945	0.133341	0.623355	-1.60422	2.23528	3.01622	1.19944	1
cg17221980	NUS1	0.135597	0.0864771	0.688468	-1.4525	0.0978762	0.699115	-1.43038	0.478714	0.867658	-1.15253	0.0692979	1.49268	1.49268	0.080097	0.681984	-1.46631	0.746349	0.938029	-1.06606	0.415122	0.848578	-1.17844	0.256088	1.26324	1.26324	0.592417	1.1124	1.1124	2.23527	1.37553	0.547	1
cg21936550	TBL2	0.135601	0.110469	1.64839	1.64839	0.751426	1.09561	1.09561	0.981345	1.00674	1.00674	0.0586574	0.541322	-1.84733	0.157861	1.54327	1.54327	0.147664	0.639946	-1.56263	0.174956	0.660641	-1.51368	0.587803	1.17029	1.17029	0.159473	1.54033	1.54033	2.23524	2.92305	1.16241	1
cg12215609	SRC;SRC	0.135603	0.0244124	1.6428	1.6428	0.0305324	1.60078	1.60078	0.492365	1.13777	1.13777	0.754069	0.943489	-1.0599	0.144214	0.747987	-1.33692	0.542897	1.12075	1.12075	0.367111	1.18708	1.18708	0.274973	1.23397	1.23397	0.777044	0.948807	-1.05396	2.23523	1.21291	0.48234	1
cg04236924	PDHX;PDHX;PDHX	0.135603	0.300517	0.527125	-1.89708	0.503113	0.666584	-1.50019	0.768278	0.838333	-1.19284	0.735605	0.81686	-1.2242	0.00894704	0.13744	-7.27592	0.0934453	0.332462	-3.00786	0.0330328	0.225871	-4.4273	0.513774	0.673526	-1.48472	0.144375	0.392247	-2.54941	2.23523	12.6111	5.01507	1
cg00645456	AP3B1	0.135604	0.390315	1.19762	1.19762	0.0141023	1.86025	1.86025	0.100294	1.4461	1.4461	0.63231	1.1038	1.1038	0.130427	0.715592	-1.39744	0.791064	0.947055	-1.05591	0.49708	1.15172	1.15172	0.906521	1.02436	1.02436	0.115338	1.42011	1.42011	2.23522	1.48589	0.590898	1
cg22842854	HIP1R	0.135616	0.201055	0.725301	-1.37874	0.22956	0.740923	-1.34967	0.0207907	1.93846	1.93846	0.551841	0.866605	-1.15393	0.124134	0.672984	-1.48592	0.534476	0.861026	-1.1614	0.138712	0.684488	-1.46095	0.338094	0.790671	-1.26475	0.70079	1.09618	1.09618	2.23513	2.00256	0.7964	1
cg25027799	TXNRD1	0.135618	0.244725	1.40865	1.40865	0.752629	0.914821	-1.09311	0.346491	0.761118	-1.31386	0.117466	0.619556	-1.61406	0.0157149	0.434495	-2.30152	0.412752	0.78995	-1.2659	0.277689	1.37418	1.37418	0.246901	1.40623	1.40623	0.808295	0.933847	-1.07084	2.23511	2.80646	1.11611	1
cg24632756	RYR3	0.13562	0.907559	1.01794	1.01794	0.154411	1.26286	1.26286	0.487756	1.11396	1.11396	0.936473	0.987871	-1.01228	0.137097	0.782581	-1.27782	0.323797	0.855552	-1.16884	0.0498936	0.710083	-1.40829	0.940346	1.01152	1.01152	0.0410444	1.43467	1.43467	2.2351	0.829657	0.329951	1
cg12308110	STEAP4	0.13562	0.398772	0.799096	-1.25141	0.080032	0.603975	-1.6557	0.198798	0.702918	-1.42264	0.414438	0.80527	-1.24182	0.471902	0.826985	-1.20921	0.502745	0.838139	-1.19312	0.0287717	1.95327	1.95327	0.212151	1.40661	1.40661	0.404675	1.24776	1.24776	2.23509	2.38575	0.948803	1
cg00215224	ATPBD4;ATPBD4	0.135621	0.421677	1.22908	1.22908	0.496916	0.840864	-1.18925	0.0813288	0.615364	-1.62505	0.937625	1.01986	1.01986	0.830754	0.947635	-1.05526	0.937982	0.980636	-1.01975	0.00818227	2.34047	2.34047	0.473238	0.832511	-1.20119	0.764972	0.927427	-1.07825	2.23509	2.23533	0.888984	1
cg13130317	NCRNA00171;ZNRD1;ZNRD1;ZNRD1;ZNRD1	0.135621	0.0432498	0.457943	-2.18368	0.076171	1.93327	1.93327	0.162936	1.63936	1.63936	0.615872	0.846697	-1.18106	0.119568	0.570056	-1.75421	0.522189	1.23807	1.23807	?	?	?	0.626815	0.851139	-1.1749	0.941127	0.976023	-1.02457	2.37535	3.53395	1.30179	1
cg08858210	TSPYL5	0.135621	0.0507578	13.8794	13.8794	0.0914391	8.99489	8.99489	0.285725	3.70739	3.70739	0.884284	1.18781	1.18781	0.722912	0.656558	-1.5231	0.603138	1.8587	1.8587	0.0381656	17.1108	17.1108	0.0352704	18.1326	18.1326	0.0912388	9.00956	9.00956	2.23509	49.4414	19.6628	1
ch.3.1112380F	VPRBP	0.135622	0.597252	1.23024	1.23024	0.588106	0.808564	-1.23676	0.178598	1.74255	1.74255	0.0239556	0.351064	-2.84848	0.0841975	0.475954	-2.10104	0.174072	1.75405	1.75405	0.534617	0.783181	-1.27684	0.639762	1.20104	1.20104	0.376846	1.42249	1.42249	2.23509	5.34585	2.12603	1
cg07475247	PMPCB	0.135623	0.0150696	0.637609	-1.56836	0.0880672	1.32786	1.32786	0.245586	1.20076	1.20076	0.353507	1.15467	1.15467	0.451602	1.12248	1.12248	0.639008	1.07377	1.07377	0.523034	1.10243	1.10243	0.3043	0.851912	-1.17383	0.944639	1.01052	1.01052	2.23508	0.803388	0.319507	1
cg08905654	ART4	0.135623	0.0271129	0.610203	-1.6388	0.395659	0.848527	-1.17851	0.0156866	0.571657	-1.7493	0.190042	0.769459	-1.29961	0.101129	0.712495	-1.40352	0.134541	0.737375	-1.35616	0.670698	1.08411	1.08411	0.43804	0.861255	-1.1611	0.509124	0.88121	-1.1348	2.23508	1.26208	0.501929	1
cg10482792	COX4I1	0.135623	0.382967	0.740603	-1.35025	0.0112101	0.344173	-2.90551	0.743798	1.11636	1.11636	0.817128	0.9252	-1.08085	0.265519	0.677429	-1.47617	0.851192	1.06506	1.06506	0.0174929	0.378797	-2.63994	0.499739	0.794578	-1.25853	0.681362	0.870599	-1.14863	2.23508	3.98789	1.58598	1
cg05534152	KIAA1530	0.135625	0.937929	0.983925	-1.01634	0.0382771	0.606774	-1.64806	0.025781	0.576427	-1.73483	0.948137	1.01363	1.01363	0.515569	0.87181	-1.14704	0.697113	0.921836	-1.08479	0.474945	0.859691	-1.16321	0.24394	0.77595	-1.28874	0.0180053	0.549913	-1.81847	2.23506	1.53263	0.609531	1
cg09705748	CCDC74B	0.13563	0.558244	0.940427	-1.06335	0.101994	1.20404	1.20404	0.239088	1.13644	1.13644	0.273242	0.88844	-1.12557	0.0694494	1.23451	1.23451	0.86108	1.01834	1.01834	0.282624	0.890634	-1.1228	0.052914	1.25636	1.25636	0.141415	1.17828	1.17828	2.23502	0.380951	0.151508	1
cg03029292	SP6	0.135632	0.0192884	2.62006	2.62006	0.270969	1.47704	1.47704	0.94836	0.978198	-1.02229	0.749301	1.11529	1.11529	0.636634	0.850487	-1.1758	0.121823	0.565103	-1.76959	0.347469	0.719487	-1.38988	0.191553	0.624663	-1.60086	0.209344	1.5688	1.5688	2.23501	4.09966	1.63048	1
cg18840832	XRCC1	0.135634	0.784637	1.19074	1.19074	0.599111	1.40222	1.40222	0.604053	1.39572	1.39572	0.0412425	4.48446	4.48446	0.542076	1.48189	1.48189	0.242425	2.18074	2.18074	0.275054	0.484947	-2.06208	0.0858676	0.298283	-3.35252	0.0708301	0.276261	-3.61976	2.23499	14.3768	5.71787	1
cg07047963	HCRTR1	0.135636	0.299886	1.55174	1.55174	0.565525	1.26818	1.26818	0.663348	0.835999	-1.19617	0.18183	1.78534	1.78534	0.263533	1.61073	1.61073	0.084714	2.18099	2.18099	0.0111555	3.67279	3.67279	0.155498	1.86188	1.86188	0.0563856	2.41951	2.41951	2.23498	5.92064	2.35474	1
cg09143318	ACCN1	0.135636	0.666533	0.78239	-1.27813	0.236975	2.01647	2.01647	0.104865	0.366686	-2.72713	0.214915	0.477598	-2.09381	0.713014	1.23259	1.23259	0.83953	0.89157	-1.12162	0.30805	0.550328	-1.8171	0.00845368	0.149071	-6.70822	0.337958	0.571689	-1.7492	2.23497	11.3422	4.511	1
cg17009526	FAT1	0.135638	0.671627	0.933831	-1.07086	0.345415	0.855544	-1.16885	0.485279	0.892392	-1.12058	0.238671	0.820256	-1.21913	0.0221284	0.643722	-1.55346	0.229158	0.816599	-1.22459	0.0517931	1.42666	1.42666	0.396959	1.14942	1.14942	0.877525	1.02507	1.02507	2.23496	0.912435	0.362894	1
cg23397427	CYP19A1;CYP19A1	0.135646	0.1796	1.26387	1.26387	0.898286	0.979208	-1.02123	0.987967	0.997525	-1.00248	0.0455839	0.686161	-1.45738	0.192066	1.25467	1.25467	0.40997	1.14848	1.14848	0.0328278	1.50709	1.50709	0.388518	0.864851	-1.15627	0.559065	0.907495	-1.10193	2.2349	0.955439	0.380008	1
cg14225847	ARC	0.135647	0.698331	0.850929	-1.17519	0.192093	0.564225	-1.77234	0.208266	1.73304	1.73304	0.673407	1.19209	1.19209	0.224445	0.589247	-1.69708	0.211769	0.579713	-1.72499	0.0230272	0.324079	-3.08567	0.0489917	0.39391	-2.53865	0.23933	0.600059	-1.6665	2.23489	6.08076	2.41852	1
cg08360728	GPATCH3	0.13565	0.571957	1.09019	1.09019	0.928964	1.01357	1.01357	0.0889995	1.32792	1.32792	0.0708928	0.737033	-1.35679	0.232585	0.827559	-1.20837	0.735414	0.950008	-1.05262	0.332739	0.859778	-1.16309	0.221773	1.21431	1.21431	0.0524577	1.39577	1.39577	2.23487	0.809218	0.321856	1
cg11575047	RPLP0;RPLP0	0.135651	0.889366	1.02099	1.02099	0.558491	1.09231	1.09231	0.132577	1.27404	1.27404	0.228491	1.20757	1.20757	0.0541919	1.38552	1.38552	0.383504	1.14265	1.14265	0.190461	1.22986	1.22986	0.111321	1.29542	1.29542	0.00788139	1.6631	1.6631	2.23486	0.788237	0.313512	1
cg15836983	GLTSCR1	0.135652	0.764508	0.947574	-1.05533	0.916167	1.01905	1.01905	0.6037	1.09841	1.09841	0.196538	1.27731	1.27731	0.0614378	0.68545	-1.4589	0.0588328	1.46596	1.46596	0.0278573	1.5934	1.5934	0.661718	1.08211	1.08211	0.49933	1.13079	1.13079	2.23486	1.13718	0.452299	1
cg25124816	VARS	0.135652	0.690332	1.15285	1.15285	0.0530117	0.457978	-2.18351	0.22112	0.633289	-1.57906	0.724339	1.13401	1.13401	0.391964	1.36547	1.36547	0.787958	0.908692	-1.10048	0.0168467	2.81719	2.81719	0.35281	1.40435	1.40435	0.766989	0.899839	-1.11131	2.23485	4.46501	1.77591	1
cg16972885	SYT7	0.135655	0.850454	0.913652	-1.09451	0.0308915	3.36235	3.36235	0.0308985	3.36213	3.36213	0.909894	0.947275	-1.05566	0.117744	0.443617	-2.2542	0.215691	1.86534	1.86534	0.619452	1.27066	1.27066	0.93157	0.959742	-1.04195	0.602173	0.77753	-1.28612	2.23483	8.10242	3.22268	1
cg11602459	PLCG1;PLCG1	0.135655	0.364351	1.43426	1.43426	0.0829495	0.475782	-2.1018	0.131799	0.532921	-1.87645	0.333903	0.680038	-1.47051	0.0295272	0.37101	-2.69534	0.426279	0.730294	-1.36931	0.132456	1.87413	1.87413	0.605114	1.22362	1.22362	0.96469	0.983018	-1.01728	2.23483	5.29844	2.10742	1
cg20905681	CKAP4	0.135661	0.965693	0.972919	-1.02784	0.471777	0.625973	-1.59751	0.587606	1.41911	1.41911	0.793819	0.845989	-1.18205	0.90265	0.924859	-1.08125	0.865212	1.11456	1.11456	0.0118236	8.00005	8.00005	0.329581	0.524472	-1.90668	0.0383565	4.79655	4.79655	2.35651	14.887	4.91353	1
cg06707356	TXNDC11	0.135661	0.984935	0.992731	-1.00732	0.026406	2.76535	2.76535	0.954334	0.978117	-1.02237	0.0732916	2.16338	2.16338	0.935225	1.0319	1.0319	0.0724191	2.16964	2.16964	0.253859	0.631038	-1.58469	0.342633	1.45902	1.45902	0.282532	0.64956	-1.5395	2.23478	5.28383	2.10165	1
cg27388298	RERE;RERE	0.135662	0.787489	1.09483	1.09483	0.0925511	1.86015	1.86015	0.0119518	2.86215	2.86215	0.307044	1.42553	1.42553	0.140047	0.587238	-1.70289	0.600525	0.837649	-1.19382	0.790529	0.914607	-1.09337	0.559936	1.21853	1.21853	0.323724	1.40738	1.40738	2.23478	3.97898	1.58265	1
cg02123534	ADAP1	0.135663	0.221933	1.94891	1.94891	0.914545	0.945733	-1.05738	0.276961	0.555578	-1.79993	0.926572	1.04908	1.04908	0.112389	2.4557	2.4557	0.107577	2.49139	2.49139	0.012108	5.0828	5.0828	0.176546	2.1102	2.1102	0.446438	1.49689	1.49689	2.23477	9.56283	3.80366	1
cg27233989	TCF4;TCF4	0.135665	0.635646	1.13049	1.13049	0.356764	1.27581	1.27581	0.177163	1.44574	1.44574	0.207121	1.40761	1.40761	0.21513	1.39839	1.39839	0.234556	0.725995	-1.37742	0.0604141	0.580318	-1.72319	0.0424783	1.82284	1.82284	0.927913	1.02353	1.02353	2.23475	2.33747	0.929745	1
cg08856333	DNAH17	0.135666	0.652724	1.09974	1.09974	0.287627	1.26077	1.26077	0.0107127	0.510085	-1.96046	0.728177	0.929385	-1.07598	0.855064	1.03912	1.03912	0.119426	1.4257	1.4257	0.274778	1.26934	1.26934	0.458505	0.853478	-1.17168	0.51701	0.871195	-1.14785	2.23475	1.55921	0.620188	1
cg01687401	FAM110A;FAM110A;FAM110A	0.135666	0.0398247	0.541574	-1.84647	0.0325834	0.524398	-1.90695	0.882499	1.03891	1.03891	0.601595	0.872888	-1.14562	0.0202325	0.485481	-2.05981	0.49322	0.835619	-1.19672	0.212808	0.71275	-1.40302	0.480807	0.831152	-1.20315	0.116913	0.644309	-1.55205	2.23474	2.35723	0.93761	1
cg22458693	LILRB4;LILRB4	0.13567	0.579238	0.695823	-1.43715	0.852218	0.886259	-1.12834	0.0427546	0.220889	-4.52716	0.0677339	0.265808	-3.76211	0.0134818	0.138014	-7.24564	0.179129	0.39692	-2.5194	0.340447	0.529357	-1.88908	0.754966	0.816514	-1.22472	0.0814418	0.286365	-3.49205	2.23471	14.8377	5.9019	1
cg03672915	TMEM187;HCFC1	0.135671	0.428545	0.42969	-2.32726	0.058798	0.107454	-9.30632	0.960702	0.949807	-1.05285	0.0504117	10.284	10.284	0.116828	0.168528	-5.93372	0.0720101	0.1226	-8.1566	0.768984	1.36044	1.36044	0.604729	1.72586	1.72586	0.720129	1.45646	1.45646	2.23471	38.6588	15.3771	1
cg09346904	AGPAT5	0.135673	0.249825	0.805987	-1.24072	0.745961	1.06003	1.06003	0.037884	1.53997	1.53997	0.230573	1.25303	1.25303	0.776839	1.05229	1.05229	0.539264	1.11793	1.11793	0.549844	0.897168	-1.11462	0.139442	1.33008	1.33008	0.0203732	1.65101	1.65101	2.23469	1.13838	0.452811	1
cg09542838	CLEC18A;CLEC18A	0.135674	0.369778	0.744389	-1.34338	0.348547	0.733963	-1.36247	0.00480175	0.30139	-3.31796	0.958853	1.01667	1.01667	0.153418	0.612689	-1.63215	0.778068	0.913424	-1.09478	0.314513	1.39563	1.39563	0.694241	0.881069	-1.13498	0.381218	0.749881	-1.33354	2.23469	3.63522	1.44598	1
cg20363192	OTUD7A	0.135674	0.9189	0.950164	-1.05245	0.0208511	4.0387	4.0387	0.0214511	4.00259	4.00259	0.968486	1.02003	1.02003	0.38	0.636337	-1.57149	0.848392	1.10083	1.10083	0.166816	2.09561	2.09561	0.92257	0.952373	-1.05001	0.573353	0.751558	-1.33057	2.23469	8.91702	3.54691	1
cg18877252	SV2C	0.13568	0.282743	0.419668	-2.38283	0.0451544	0.167303	-5.9772	0.140895	0.291695	-3.42823	0.662282	0.710428	-1.4076	0.0707289	0.207847	-4.81122	0.351373	0.474203	-2.1088	0.597599	0.66074	-1.51345	0.067952	4.90555	4.90555	0.501827	1.6994	1.6994	2.23464	21.418	8.51958	1
cg00171725	BAT4;CSNK2B	0.135684	0.77117	1.08812	1.08812	0.0087149	0.379896	-2.6323	0.114812	1.64309	1.64309	0.574577	1.17849	1.17849	0.780068	1.08444	1.08444	0.211637	0.683152	-1.4638	0.390568	0.775106	-1.29015	0.916275	1.03092	1.03092	0.492113	0.817066	-1.22389	2.2346	2.96766	1.18048	1
cg17727916	SCML2	0.135685	0.173322	0.0983386	-10.1689	0.0315345	0.013238	-75.5398	0.879856	0.792623	-1.26163	0.259083	6.42225	6.42225	0.92199	0.860309	-1.16237	0.153968	0.0859841	-11.6301	?	?	?	0.0643872	0.0315818	-31.6638	?	?	?	2.82086	75.2191	19.0467	1
cg02264733	SOLH	0.135689	0.395295	0.78754	-1.26978	0.00627462	2.65619	2.65619	0.842786	0.94698	-1.05599	0.0980906	1.6451	1.6451	0.623597	0.873104	-1.14534	0.26498	1.37536	1.37536	0.446079	1.23748	1.23748	0.524843	1.19338	1.19338	0.835377	1.05875	1.05875	2.23457	2.66367	1.05958	1
cg00720066	QPCTL;QPCTL;SNRPD2;SNRPD2	0.135691	0.126086	0.759241	-1.31711	0.0929713	1.36013	1.36013	0.336749	1.17918	1.17918	0.361902	0.855593	-1.16878	0.256325	0.821044	-1.21796	0.334214	0.847263	-1.18027	0.442415	0.877798	-1.13921	0.286712	1.20214	1.20214	0.0542049	1.43851	1.43851	2.23456	0.980109	0.389879	1
cg07477282	SPG11;SPG11	0.135691	0.448777	0.812495	-1.23078	0.911985	1.03019	1.03019	0.156955	0.665507	-1.50261	0.388902	1.26811	1.26811	0.258538	0.728244	-1.37317	0.86125	0.95403	-1.04819	0.160216	0.667912	-1.4972	0.300827	1.33428	1.33428	0.0168433	2.19127	2.19127	2.23456	2.56089	1.0187	1
cg00960781	TMEM26	0.135692	0.232755	1.33979	1.33979	0.205496	1.36648	1.36648	0.235615	0.747844	-1.33718	0.947154	0.984624	-1.01562	0.228487	1.34375	1.34375	0.081854	1.56948	1.56948	0.810201	1.05786	1.05786	0.113682	0.668747	-1.49533	0.0782242	0.632941	-1.57993	2.23455	1.93401	0.769338	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17210604	HIC1;HIC1	0.135695	0.19924	0.600021	-1.66661	0.198393	0.599378	-1.6684	0.136305	0.546375	-1.83024	0.0787042	0.479337	-2.08622	0.100001	0.507264	-1.97136	0.104424	0.512514	-1.95117	0.172269	0.578619	-1.72825	0.0186639	0.341752	-2.9261	0.0440073	0.41831	-2.39057	2.23452	5.01873	1.99644	1
cg08930214	LOC100287834	0.135697	0.159267	0.184064	-5.43291	0.259638	0.266315	-3.75496	0.0428468	0.0726128	-13.7717	0.881603	0.84562	-1.18256	0.0201323	0.0426826	-23.4288	0.874463	0.83703	-1.1947	0.336258	0.327729	-3.0513	0.596529	0.548191	-1.82418	0.0243802	0.0488831	-20.4569	2.23451	44.8008	17.8218	1
cg09856996	KIF26A	0.1357	0.355711	0.622945	-1.60528	0.0134309	4.59526	4.59526	0.370334	0.632346	-1.58141	0.851839	0.911057	-1.09763	0.771248	0.864814	-1.15632	0.830048	0.898447	-1.11303	0.0448412	0.317526	-3.14935	0.616056	1.28645	1.28645	0.656644	1.2497	1.2497	2.23449	8.78376	3.49422	1
cg16884042	SGPP2	0.135702	0.0737937	0.728487	-1.37271	0.233117	1.21985	1.21985	0.281045	1.19494	1.19494	0.292764	1.18945	1.18945	0.0671393	0.721698	-1.38562	0.172647	0.793975	-1.25949	0.402086	0.872571	-1.14604	0.215582	0.812876	-1.2302	0.365914	1.15912	1.15912	2.23447	0.894139	0.355695	1
cg02885021	CHRNA7	0.135702	0.11136	0.753285	-1.32752	0.0694476	0.717661	-1.39342	0.0936928	0.739973	-1.3514	0.244492	0.819632	-1.22006	0.0458	0.687959	-1.45357	0.475014	0.888097	-1.126	0.687034	1.0684	1.0684	0.0874555	0.734759	-1.36099	0.0348066	0.66905	-1.49466	2.23447	0.944441	0.375706	1
cg12412364	ZNF140	0.135703	0.998861	1.00038	1.00038	0.0254328	2.02797	2.02797	0.254902	1.37222	1.37222	0.319357	0.760386	-1.31512	0.323841	0.762436	-1.31159	0.310675	1.32211	1.32211	0.124403	0.642194	-1.55716	0.729273	0.911663	-1.0969	0.122647	1.56093	1.56093	2.23446	2.5076	0.997544	1
cg19628299	SMOC2;SMOC2	0.135708	0.266346	0.589537	-1.69625	0.471529	1.39677	1.39677	0.0738488	0.402887	-2.48209	0.466304	1.40249	1.40249	0.121354	0.464721	-2.15183	0.376187	1.5134	1.5134	0.0460076	0.352271	-2.83872	0.431093	0.693054	-1.44289	0.0647103	0.388036	-2.57708	2.23442	7.36703	2.93072	1
cg08236388	CACNA1H;CACNA1H	0.135709	0.981246	1.0051	1.0051	0.18935	1.35139	1.35139	0.0825354	1.51664	1.51664	0.0422257	0.602408	-1.66	0.601529	0.892154	-1.12088	0.357745	1.22734	1.22734	0.0855045	1.50938	1.50938	0.874142	1.03493	1.03493	0.260236	0.775423	-1.28962	2.23442	1.6601	0.660415	1
cg20841047	LOC200726	0.13571	0.0446791	4.94481	4.94481	0.105934	3.40267	3.40267	0.0946286	3.57496	3.57496	0.192052	2.6054	2.6054	0.118098	3.24365	3.24365	0.0543414	4.54505	4.54505	0.0451524	4.92242	4.92242	0.0761199	3.9297	3.9297	0.131373	3.09402	3.09402	2.23441	17.0169	6.76962	1
cg22126505	SPEG	0.135712	0.940175	1.03792	1.03792	0.0858477	0.390151	-2.56311	0.0444695	0.318455	-3.14016	0.363314	1.5892	1.5892	0.26345	0.561012	-1.78249	0.726973	0.840464	-1.18982	0.0424608	0.313954	-3.18518	0.531436	0.730295	-1.36931	0.0430575	0.315306	-3.17152	2.2344	8.69963	3.46089	1
cg20164253	GFI1;GFI1	0.135715	0.332433	1.97592	1.97592	0.275343	0.461638	-2.1662	0.891101	0.910917	-1.0978	0.800333	0.84146	-1.18841	0.575557	1.47004	1.47004	0.737727	0.7954	-1.25723	?	?	?	0.00598822	11.5511	11.5511	0.499089	1.59577	1.59577	2.25401	14.7214	6.5312	1
cg07175301	IGSF9;IGSF9	0.135715	0.0715413	0.302985	-3.30049	0.458816	0.63916	-1.56455	0.867161	1.10444	1.10444	0.584865	0.720834	-1.38728	0.0273493	0.212437	-4.70727	0.347763	0.56346	-1.77475	0.032254	0.225828	-4.42815	0.0769589	0.311289	-3.21245	0.0815151	0.318004	-3.14462	2.23437	12.4603	4.95703	1
cg01229865	ATP11A;ATP11A	0.135721	0.269652	0.469561	-2.12965	0.0364604	4.94748	4.94748	0.428085	1.70245	1.70245	0.965046	1.02924	1.02924	0.822517	0.86265	-1.15922	0.161391	2.67394	2.67394	0.0344984	0.197599	-5.06077	0.593956	0.701967	-1.42457	0.503615	0.639959	-1.5626	2.23433	15.3042	6.08851	1
cg12894883	PPM1F	0.135722	0.348974	0.584808	-1.70996	0.0102461	0.165186	-6.05377	0.400527	0.619524	-1.61414	0.897532	1.07432	1.07432	0.165851	0.439452	-2.27556	0.0700009	0.323942	-3.08697	0.168037	0.441556	-2.26472	0.0935744	0.358399	-2.79019	0.694371	1.24573	1.24573	2.23431	10.955	4.3583	1
cg02767093	STK24;STK24	0.135725	0.252937	0.623389	-1.60413	0.899131	0.951048	-1.05147	0.477277	0.751272	-1.33108	0.266741	0.632579	-1.58083	0.0126082	0.292996	-3.41302	0.444335	1.36154	1.36154	0.289142	0.646958	-1.54569	0.195559	0.581727	-1.71902	0.0294529	0.362448	-2.75902	2.2343	5.54278	2.20513	1
cg10231675	NRIP2	0.135729	0.952253	0.967345	-1.03376	0.368772	1.66832	1.66832	0.623914	1.31521	1.31521	0.561983	1.38415	1.38415	0.354086	0.58942	-1.69658	0.00389045	0.115858	-8.63123	0.838985	0.893326	-1.11941	0.640215	0.770281	-1.29823	0.714453	0.815672	-1.22598	2.23427	10.8779	4.32772	1
cg08508814	CDC20B;CDC20B;CDC20B;GPX8	0.135729	0.366204	2.04724	2.04724	0.115485	3.74582	3.74582	0.430344	1.86126	1.86126	0.600593	0.665172	-1.50337	0.440304	1.83563	1.83563	0.116439	0.268046	-3.73071	0.2398	0.386753	-2.58563	0.0417512	6.11908	6.11908	0.109622	3.84273	3.84273	2.23426	21.078	8.38574	1
cg12762228	AKIRIN1;AKIRIN1	0.135729	0.0308798	0.51528	-1.94069	0.0975847	1.60881	1.60881	0.666774	1.11998	1.11998	0.125983	0.648507	-1.542	0.0928558	0.616513	-1.62202	0.616715	0.87634	-1.14111	0.859125	1.04757	1.04757	0.137974	0.658484	-1.51864	0.676992	0.896207	-1.11581	2.23426	2.42127	0.963289	1
cg02465177	ATP9B	0.135731	0.101783	0.716175	-1.39631	0.172478	0.762904	-1.31078	0.955926	1.01035	1.01035	0.0922602	0.70796	-1.41251	0.64035	1.09166	1.09166	0.54373	1.12136	1.12136	0.043711	1.54051	1.54051	0.71058	0.93289	-1.07194	0.168767	1.31428	1.31428	2.23425	1.22913	0.489004	1
cg01231108	KCNJ3	0.135732	0.0395638	40.3467	40.3467	0.324039	4.86478	4.86478	0.976044	1.04775	1.04775	0.181591	9.04914	9.04914	0.161206	10.2187	10.2187	0.110383	14.9162	14.9162	0.949516	1.10335	1.10335	0.0224865	69.8118	69.8118	0.0473311	33.9392	33.9392	2.23424	85.3729	33.9655	1
cg06063714	GABRD	0.135735	0.045839	0.448196	-2.23117	0.874074	1.05718	1.05718	0.683916	1.15432	1.15432	0.0783981	0.503853	-1.98471	0.0470608	0.45077	-2.21843	0.959053	1.01816	1.01816	0.620918	1.19098	1.19098	0.03609	0.425444	-2.35049	0.633286	0.844914	-1.18355	2.23422	4.34951	1.73046	1
cg07087130	UPP1;UPP1	0.135737	0.0853908	3.53964	3.53964	0.21458	2.38321	2.38321	0.456359	0.603967	-1.65572	0.245468	2.24222	2.24222	0.56994	0.682731	-1.46471	0.19624	2.48017	2.48017	0.361556	0.536114	-1.86527	0.0335912	5.20676	5.20676	0.0750988	3.73381	3.73381	2.2342	15.6337	6.21993	1
cg04993441	FREM3	0.135738	0.461961	0.698505	-1.43163	0.0234509	3.65859	3.65859	0.018009	3.96284	3.96284	0.835454	0.905146	-1.10479	0.427297	1.47455	1.47455	0.154934	2.07377	2.07377	0.253513	1.77072	1.77072	0.600218	1.28838	1.28838	0.793444	0.881848	-1.13398	2.2342	8.12377	3.23209	1
cg15592863	LOC653786	0.135741	0.0984278	0.695119	-1.4386	0.820211	0.955348	-1.04674	0.790302	1.05494	1.05494	0.875141	0.968939	-1.03206	0.70741	0.92713	-1.0786	0.224162	1.29206	1.29206	0.0390888	0.619291	-1.61475	0.0172717	0.558786	-1.78959	0.585319	0.895331	-1.1169	2.23417	1.4248	0.566869	1
cg02649063	CES4	0.135747	0.105897	3.16743	3.16743	0.0506185	4.28044	4.28044	0.812686	0.856448	-1.16761	0.272105	2.10908	2.10908	0.840457	1.14063	1.14063	0.238546	2.2386	2.2386	0.73084	1.25286	1.25286	0.174069	2.57009	2.57009	0.0401657	0.212709	-4.70125	2.23413	15.0784	5.99923	1
cg04190530	MKRN2	0.135753	0.475012	0.909869	-1.09906	0.0274893	1.40357	1.40357	0.0793202	1.28822	1.28822	0.391464	1.12093	1.12093	0.160468	1.21525	1.21525	0.094541	0.787459	-1.26991	0.484967	1.09666	1.09666	0.356852	1.13113	1.13113	0.900232	0.983824	-1.01644	2.23408	0.598173	0.237999	1
cg06638568	PACRG;PACRG;PACRG	0.135755	0.871928	1.05493	1.05493	0.100607	0.55096	-1.81501	0.00868576	0.330054	-3.02981	0.0822565	0.528326	-1.89277	0.785712	0.913635	-1.09453	0.987349	1.00527	1.00527	0.445923	1.29371	1.29371	0.854004	1.06295	1.06295	0.326161	0.714627	-1.39933	2.23406	3.88673	1.54645	1
cg26200239	SCN4B;SCN4B;SCN4B;SCN4B	0.135761	0.1209	0.274167	-3.64741	0.227794	0.377567	-2.64853	0.190122	0.343836	-2.90836	0.379692	0.499914	-2.00035	0.0652092	0.203398	-4.91647	0.143505	0.298389	-3.35133	0.0830947	0.228504	-4.37629	0.00885676	0.0770508	-12.9785	0.528988	0.6122	-1.63345	2.23402	20.943	8.33296	1
cg02856481	JARID2	0.135762	0.5636	1.44664	1.44664	0.00707624	9.03445	9.03445	0.0191972	6.00038	6.00038	0.448872	1.62917	1.62917	0.275052	2.05069	2.05069	0.738386	1.23613	1.23613	0.615949	1.37691	1.37691	0.554421	1.4596	1.4596	0.756012	1.21789	1.21789	2.23401	14.1512	5.63063	1
cg26399778	SH3RF2;SH3RF2	0.135763	0.0619054	0.545133	-1.83441	0.0698123	0.557033	-1.79522	0.942244	0.979307	-1.02113	0.160746	0.64897	-1.5409	0.0797823	0.570593	-1.75256	0.214948	0.686108	-1.4575	0.0264414	0.467901	-2.1372	0.304906	0.735937	-1.35881	0.0504606	0.525515	-1.9029	2.23401	2.94676	1.17249	1
cg26375587	BOC	0.135768	0.141578	0.618783	-1.61607	0.805951	1.07761	1.07761	0.0767744	1.81794	1.81794	0.515747	1.22155	1.22155	0.0929699	0.570482	-1.7529	0.0446443	2.01395	2.01395	0.272766	1.4143	1.4143	0.855459	0.946132	-1.05693	0.575665	0.842207	-1.18736	2.23396	3.2628	1.29826	1
cg01835854	C4orf41;C4orf41	0.135773	0.612743	1.14225	1.14225	0.390541	0.795132	-1.25765	0.415941	0.805216	-1.2419	0.0294773	1.95038	1.95038	0.439325	0.814227	-1.22816	0.0257877	1.99337	1.99337	0.183014	1.44507	1.44507	0.510483	1.18997	1.18997	0.815959	0.94106	-1.06263	2.23392	2.4021	0.955807	1
cg23587176	FOXK1	0.135774	0.441762	1.35098	1.35098	0.128795	0.532826	-1.87679	0.0470973	2.39038	2.39038	0.149954	1.80752	1.80752	0.348879	0.690825	-1.44754	0.639664	0.834565	-1.19823	0.0927114	0.491872	-2.03305	0.28379	0.652413	-1.53277	0.549064	1.26177	1.26177	2.23392	5.20426	2.0708	1
cg12000761	PRR12	0.135774	0.318918	1.28908	1.28908	0.0272268	1.90455	1.90455	0.0251247	0.518583	-1.92833	0.391012	1.24192	1.24192	0.570877	1.15165	1.15165	0.408725	0.811966	-1.23158	0.61744	0.883259	-1.13217	0.841558	1.05058	1.05058	0.96146	1.01198	1.01198	2.23392	2.15005	0.855515	1
cg13462935	HCN4	0.135778	0.0312183	0.299035	-3.34409	0.948811	1.03113	1.03113	0.220793	0.540805	-1.8491	0.268018	0.576392	-1.73493	0.0374264	0.315608	-3.16848	0.0977412	0.41997	-2.38112	0.481613	0.710653	-1.40716	0.0515096	0.346972	-2.88208	0.0704684	0.380813	-2.62596	2.23389	8.06814	3.21041	1
cg08217354	C1QTNF7;C1QTNF7;C1QTNF7	0.135779	0.236758	2.85436	2.85436	0.297293	0.400821	-2.49488	0.139671	0.260597	-3.83735	0.333503	2.32567	2.32567	0.00786171	0.055825	-17.9131	0.694674	0.716214	-1.39623	0.484898	0.548526	-1.82307	0.762619	0.773903	-1.29215	0.846823	0.849054	-1.17778	2.23388	25.328	10.0783	1
cg15197499	TBL1Y;TBL1Y;TBL1Y;TBL1Y;TBL1Y;TBL1Y	0.135781	0.290359	1.75174	1.75174	0.877385	1.08207	1.08207	0.312355	1.7056	1.7056	0.1986	2.00182	2.00182	0.0186082	4.29543	4.29543	0.613074	1.2976	1.2976	0.474771	0.689808	-1.44968	0.860053	1.09435	1.09435	0.0154776	4.56044	4.56044	2.23387	9.23413	3.6744	1
cg12820481	NEK2	0.135781	0.0337062	0.331105	-3.02019	0.0411746	0.349994	-2.8572	0.0803797	0.42131	-2.37355	0.407598	0.685558	-1.45867	0.0576888	0.384235	-2.60257	0.133408	0.486024	-2.05751	0.121692	0.47344	-2.1122	0.0860274	0.429372	-2.32899	0.163767	0.515675	-1.9392	2.23386	7.02702	2.79616	1
cg09029571	YBX1	0.135783	0.433879	0.863226	-1.15845	0.226721	0.791544	-1.26335	0.0635768	1.4684	1.4684	0.141767	0.747538	-1.33773	0.545278	1.11935	1.11935	0.445197	1.15413	1.15413	0.0252821	0.612686	-1.63216	0.929836	0.98391	-1.01635	0.448088	0.867275	-1.15304	2.23385	1.20021	0.477585	1
cg15246805	EYA4;EYA4;EYA4	0.135785	0.0402624	0.0819537	-12.202	0.632515	0.601328	-1.66298	0.576026	0.550773	-1.81563	0.239372	0.272332	-3.67199	0.0352076	0.0750441	-13.3255	0.349621	0.361876	-2.76338	0.0168989	0.0461184	-21.6833	0.37748	0.384417	-2.60134	0.0854774	0.134399	-7.44053	2.23384	39.431	15.6904	1
cg00448235	NPIP	0.135788	0.116889	0.770069	-1.29859	0.211024	1.224	1.224	0.214649	0.818432	-1.22185	0.239296	0.827776	-1.20806	0.0115798	0.616198	-1.62286	0.18024	0.803913	-1.24392	0.416521	0.880414	-1.13583	0.18349	0.805372	-1.24166	0.732598	0.948756	-1.05401	2.23381	0.832307	0.331195	1
cg15975151	ELMO1;ELMO1	0.13579	0.0759848	0.281285	-3.55511	0.0279975	0.188728	-5.29862	0.125292	0.344482	-2.90291	0.474378	0.626686	-1.5957	0.0358908	0.208472	-4.7968	0.120372	0.338867	-2.95101	0.0535214	0.244512	-4.08978	0.160018	0.381274	-2.62279	0.546138	0.675473	-1.48044	2.2338	14.5964	5.80832	1
cg03641251	WFDC2	0.135792	0.363281	2.56199	2.56199	0.0260781	14.2767	14.2767	0.0793515	7.10662	7.10662	0.322842	2.79614	2.79614	0.611035	1.67607	1.67607	0.389883	2.42826	2.42826	0.0684624	7.79732	7.79732	0.0746578	7.3845	7.3845	0.025518	14.4737	14.4737	2.23378	35.868	14.273	1
cg09591962	ASB4;ASB4	0.135805	0.496529	1.09487	1.09487	0.494367	0.912921	-1.09538	0.239844	1.17536	1.17536	0.0912685	0.783353	-1.27656	0.10738	0.793971	-1.25949	0.648218	0.941478	-1.06216	0.127413	1.24161	1.24161	0.130217	0.806882	-1.23934	0.0850934	0.778844	-1.28395	2.23368	0.609731	0.242641	1
cg07330630	SEMA5B;SEMA5B	0.135811	0.0238949	0.677914	-1.47511	0.122316	1.27317	1.27317	0.600301	1.07924	1.07924	0.305976	1.16518	1.16518	0.235865	0.83597	-1.19622	0.599252	1.07948	1.07948	0.30686	1.16483	1.16483	0.1514	1.24821	1.24821	0.369085	1.14231	1.14231	2.23364	0.735888	0.292851	1
cg18377133	WTIP	0.135814	0.0156976	0.560453	-1.78427	0.204148	0.769486	-1.29957	0.0202133	0.578323	-1.72914	0.584837	0.897739	-1.11391	0.438283	0.856767	-1.16718	0.342579	0.82597	-1.2107	0.939399	0.985243	-1.01498	0.531737	1.13186	1.13186	0.158496	0.744719	-1.34279	2.23362	1.35253	0.538251	1
cg17252884	SH3BP5;SH3BP5	0.135814	0.391217	0.626782	-1.59545	0.0391791	3.55759	3.55759	0.0210916	4.37112	4.37112	0.586998	0.747026	-1.33864	0.420738	0.645709	-1.54869	0.286965	1.80031	1.80031	0.134279	2.36	2.36	0.796742	1.14712	1.14712	0.702376	1.2265	1.2265	2.23361	10.0034	3.98094	1
cg14597586	KLHL30	0.135814	0.0956957	0.410187	-2.43791	0.0435589	0.323019	-3.09579	0.124865	0.445316	-2.2456	0.412073	0.664723	-1.50439	0.0283997	0.283729	-3.52449	0.083629	0.393624	-2.5405	0.141155	0.462727	-2.1611	0.38197	0.646221	-1.54746	0.0465638	0.329601	-3.03397	2.23361	8.38794	3.33807	1
cg17538878	CXorf38	0.135815	0.792401	0.968267	-1.03277	0.309236	1.13729	1.13729	0.468233	0.913723	-1.09442	0.133043	1.21913	1.21913	0.193068	0.845022	-1.1834	0.0967962	0.800231	-1.24964	0.120272	1.22879	1.22879	0.706508	0.954806	-1.04733	0.0543616	0.765752	-1.30591	2.2336	0.528724	0.210412	1
cg25003777	SERPINB1	0.135816	0.154039	3.35126	3.35126	0.298037	2.35115	2.35115	0.671067	1.4029	1.4029	0.107006	4.03266	4.03266	0.342886	2.16929	2.16929	0.41354	1.93958	1.93958	0.0160767	10.3259	10.3259	0.0193407	9.4086	9.4086	0.116066	3.87111	3.87111	2.2336	22.2176	8.84175	1
cg16461139	TBC1D16	0.135816	0.308208	0.769312	-1.29986	0.112459	1.53677	1.53677	0.0724802	0.607535	-1.646	0.287855	1.31572	1.31572	0.0531403	0.579055	-1.72695	0.820342	1.05819	1.05819	0.985449	1.00455	1.00455	0.207657	0.718655	-1.39149	0.145183	0.677738	-1.4755	2.2336	2.18724	0.870441	1
cg19881032	SLC16A8	0.135819	0.0669394	6.39155	6.39155	0.529484	1.77778	1.77778	0.744691	0.744427	-1.34332	0.18309	3.58207	3.58207	0.195391	3.44493	3.44493	0.237054	3.06145	3.06145	0.00974934	19.1525	19.1525	0.157628	3.91481	3.91481	0.101105	5.06149	5.06149	2.23357	28.8595	11.4852	1
cg08022044	DSCAML1	0.135821	0.118055	3.66746	3.66746	0.407222	1.91396	1.91396	0.8939	0.902871	-1.10758	0.17983	2.97657	2.97657	0.0831241	4.34501	4.34501	0.116223	3.69554	3.69554	0.0160542	9.54887	9.54887	0.0835056	4.33548	4.33548	0.083704	4.33055	4.33055	2.23356	20.7405	8.25408	1
cg00140842	ERLEC1;LOC100302652;ERLEC1;ERLEC1;ERLEC1;ASB3;ERLEC1;ASB3;ERLEC1	0.135822	0.00807433	0.380415	-2.62871	0.617842	1.15406	1.15406	0.199886	1.47076	1.47076	0.691673	0.892655	-1.12025	0.891582	0.961895	-1.03961	0.124206	1.60678	1.60678	0.593397	0.85768	-1.16594	0.783458	0.924524	-1.08164	0.724755	1.10596	1.10596	2.23356	2.87073	1.14247	1
cg17119525	KRTAP9-9;KRTAP9-8	0.135824	0.365121	1.7011	1.7011	0.571937	0.721747	-1.38553	0.0399775	0.257853	-3.87818	0.406371	1.62409	1.62409	0.292246	1.86612	1.86612	0.723364	1.22496	1.22496	0.0365987	0.249896	-4.00167	0.721727	0.815324	-1.22651	0.168097	2.31324	2.31324	2.23354	11.5303	4.58875	1
cg00489401	FLT4;FLT4	0.135826	0.808676	0.881113	-1.13493	0.818171	0.886787	-1.12767	0.142588	2.27574	2.27574	0.285602	0.560656	-1.78363	0.131573	0.427708	-2.33805	0.233445	0.521101	-1.91901	0.824901	0.890819	-1.12256	0.0160919	4.64944	4.64944	0.625966	1.29213	1.29213	2.23352	9.62976	3.83242	1
cg24970181	DST;DST;DST	0.135827	0.558972	0.90288	-1.10757	0.0534916	0.684436	-1.46106	0.506857	0.890098	-1.12347	0.277357	1.21569	1.21569	0.406033	0.863328	-1.15831	0.0734881	1.41199	1.41199	0.194628	0.788831	-1.2677	0.898702	1.02226	1.02226	0.0889332	1.38314	1.38314	2.23352	1.05729	0.420776	1
cg20097219	TBC1D16	0.135827	0.49797	0.6679	-1.49723	0.00922087	0.143842	-6.95205	0.0539158	0.277	-3.61011	0.809943	1.15183	1.15183	0.282483	0.519349	-1.92549	0.159708	0.4142	-2.41429	0.354619	0.571971	-1.74834	0.100279	0.347734	-2.87576	0.88216	1.09091	1.09091	2.23351	12.1743	4.8451	1
cg00714323	CA5BP	0.135832	0.482931	0.720567	-1.3878	0.2599	1.71623	1.71623	0.617504	1.26036	1.26036	0.0739482	2.49765	2.49765	0.59367	1.28082	1.28082	0.0917283	0.425989	-2.34748	0.0747589	0.401631	-2.48985	0.104434	2.26087	2.26087	0.60722	1.26909	1.26909	2.23348	7.47184	2.97367	1
cg07430978	WDR60	0.135834	0.930893	1.02836	1.02836	0.96417	0.985622	-1.01459	0.860271	0.944777	-1.05845	0.856228	1.06021	1.06021	0.0243027	0.420823	-2.3763	0.223455	0.662069	-1.51042	0.00916832	0.344091	-2.9062	0.695579	0.880923	-1.13517	0.293457	0.703734	-1.42099	2.23346	3.6769	1.46336	1
cg02455383	CRYBB1	0.135836	0.323482	0.673329	-1.48516	0.0434512	0.406286	-2.46132	0.0570322	0.433792	-2.30525	0.0531645	0.426514	-2.34459	0.0573307	0.434338	-2.30235	0.679114	0.851001	-1.17509	0.504202	1.30066	1.30066	0.164832	0.562858	-1.77665	0.137944	0.538177	-1.85812	2.23344	5.32128	2.11782	1
cg05313263	WDR25;WDR25	0.135837	0.0797098	0.445118	-2.24659	0.373039	0.683446	-1.46317	0.112565	2.05228	2.05228	0.288254	1.58227	1.58227	0.311938	0.647028	-1.54553	0.63769	0.820842	-1.21826	0.0284343	0.340817	-2.93413	0.208273	0.57571	-1.73699	0.923701	1.04068	1.04068	2.23344	6.12736	2.43864	1
cg20802509	URB2	0.135844	0.0534312	0.164647	-6.07359	0.477368	0.552086	-1.81131	0.651016	0.68767	-1.45419	0.441975	0.524841	-1.90534	0.0142261	0.0831863	-12.0212	0.0902493	0.215426	-4.64196	0.132617	0.263333	-3.79747	0.637176	0.676615	-1.47794	0.0427865	0.14699	-6.80317	2.23338	23.9162	9.51867	1
cg22731271	MEIS1	0.135845	0.2875	0.286793	-3.48683	0.964137	1.05217	1.05217	0.720839	1.50052	1.50052	0.314496	0.308389	-3.24266	0.26776	0.270999	-3.69005	0.219135	0.231867	-4.31281	0.0330663	0.0596957	-16.7516	0.0259001	0.0502325	-19.9074	0.0345414	0.0615596	-16.2444	2.23338	45.2442	18.0073	1
cg27230044	SGCE;PEG10;SGCE;PEG10;SGCE	0.135848	0.0874999	1.36341	1.36341	0.154237	1.28483	1.28483	0.355805	1.16893	1.16893	0.771582	0.953291	-1.049	0.427313	1.14246	1.14246	0.428665	1.142	1.142	0.00503345	1.83985	1.83985	0.592161	1.09293	1.09293	0.19818	1.25043	1.25043	2.23336	0.955201	0.380175	1
cg09690632	TSPAN10	0.135848	0.0754316	0.303533	-3.29454	0.354183	0.563156	-1.77571	0.0122421	0.152603	-6.55294	0.796499	1.16844	1.16844	0.0575184	0.274183	-3.6472	0.276102	0.505377	-1.97872	0.102877	0.341327	-2.92974	0.182268	0.426242	-2.34608	0.28592	0.51294	-1.94954	2.23336	12.8351	5.10845	1
cg09322349	GRHL3	0.135853	0.063748	0.266034	-3.75892	0.0109414	0.131466	-7.60651	0.14762	0.372665	-2.68337	0.535165	0.670986	-1.49034	0.083519	0.296108	-3.37715	0.236167	0.454448	-2.20047	0.113495	0.334815	-2.98672	0.137593	0.362061	-2.76196	0.824144	0.868139	-1.15189	2.23332	14.2778	5.68273	1
cg24437943	DNAJC13	0.135853	0.0122577	0.354643	-2.81974	0.539363	0.81345	-1.22933	0.353473	1.37329	1.37329	0.472841	1.27456	1.27456	0.233173	1.5149	1.5149	0.256514	1.48217	1.48217	0.608434	1.18731	1.18731	0.140734	1.69294	1.69294	0.712338	1.13094	1.13094	2.23331	3.90483	1.55418	1
cg07784526	FAM72B	0.135857	0.989181	0.996228	-1.00379	0.855501	0.950466	-1.05212	0.913499	1.03075	1.03075	0.408132	1.26592	1.26592	0.524541	0.835499	-1.19689	0.00662543	2.67037	2.67037	0.187769	0.67771	-1.47556	0.24094	0.710256	-1.40794	0.977398	1.00793	1.00793	2.23329	2.74727	1.09346	1
cg08334199	NFE2L2;NFE2L2;NFE2L2	0.135865	0.007749	0.10247	-9.75891	0.739079	0.807394	-1.23855	0.76887	1.20753	1.20753	0.436469	1.66425	1.66425	0.716122	1.26336	1.26336	0.20519	2.36822	2.36822	0.180354	2.50551	2.50551	0.903526	1.08066	1.08066	0.93458	0.948838	-1.05392	2.35476	14.9394	4.9345	1
cg17436370	TRIM29	0.13587	0.373789	0.811384	-1.23246	0.103444	1.5034	1.5034	0.0229986	0.536575	-1.86367	0.416254	0.82678	-1.20951	0.0448766	0.590339	-1.69394	0.280725	0.773608	-1.29264	0.727064	1.08353	1.08353	0.843767	1.04621	1.04621	0.768448	0.934645	-1.06992	2.23319	1.85377	0.737868	1
cg18854169	RBP3	0.135872	0.0507578	0.341046	-2.93215	0.123352	0.446319	-2.24055	0.0230987	0.269021	-3.71718	0.314345	0.604777	-1.6535	0.0492343	0.337942	-2.95909	0.099746	0.418163	-2.39141	0.169051	0.492543	-2.03028	0.34779	0.626741	-1.59556	0.0800524	0.391156	-2.55653	2.23318	8.26202	3.2886	1
cg14367229	GSX1	0.135873	0.862467	0.95805	-1.04379	0.151086	1.46267	1.46267	0.31656	1.29164	1.29164	0.0867211	1.59618	1.59618	0.31393	0.773056	-1.29357	0.887434	0.9656	-1.03563	0.0547997	0.583714	-1.71317	0.778005	0.932528	-1.07235	0.0615096	1.68304	1.68304	2.23317	2.16053	0.859978	1
cg27661104	PDE6D	0.135875	0.209517	1.48715	1.48715	0.16459	1.56034	1.56034	0.376488	0.761614	-1.313	0.0136224	2.49866	2.49866	0.805402	0.928612	-1.07688	0.708029	1.1195	1.1195	0.307186	0.728197	-1.37326	0.0945613	1.73564	1.73564	0.41252	1.28582	1.28582	2.23315	3.18426	1.26747	1
cg14998582	LOC729234	0.135876	0.819462	0.9348	-1.06975	0.390533	1.29626	1.29626	0.263722	1.41002	1.41002	0.311117	0.734134	-1.36215	0.00823571	0.369083	-2.70942	0.778574	0.920226	-1.08669	0.44122	1.26064	1.26064	0.273076	0.714333	-1.39991	0.260407	0.70737	-1.41369	2.23314	3.07629	1.2245	1
cg03555914	GLI2	0.135878	0.443743	0.836277	-1.19578	0.517513	1.16212	1.16212	0.314157	0.787926	-1.26916	0.750857	0.929658	-1.07566	0.280222	0.77335	-1.29308	0.211014	1.35223	1.35223	0.00744374	2.20164	2.20164	0.571016	1.14008	1.14008	0.836022	1.0486	1.0486	2.23313	1.85437	0.738124	1
cg11316887	SVIL;SVIL	0.135881	0.74506	1.18168	1.18168	0.0769716	0.365597	-2.73525	0.00970106	0.187472	-5.33412	0.842415	0.903171	-1.10721	0.148865	0.452884	-2.20807	0.751778	0.85014	-1.17628	0.41003	0.649813	-1.53891	0.251927	1.8448	1.8448	0.932171	1.04452	1.04452	2.2331	9.25872	3.68544	1
cg27326372	CLDN1	0.135881	0.828367	1.04741	1.04741	0.302924	0.796374	-1.25569	0.0580514	0.633117	-1.57949	0.0351911	0.592472	-1.68784	0.475276	0.856498	-1.16755	0.234494	0.766518	-1.3046	0.0915867	1.48642	1.48642	0.355748	1.22469	1.22469	0.692925	0.918803	-1.08837	2.2331	1.61009	0.6409	1
cg08934830	BBX;BBX	0.135881	0.0527637	7.93878	7.93878	0.661408	1.51393	1.51393	0.439544	2.09978	2.09978	0.139976	4.45616	4.45616	0.718842	1.40521	1.40521	0.301542	2.73802	2.73802	0.018297	14.8016	14.8016	0.0458949	8.61279	8.61279	0.0580357	7.50892	7.50892	2.2331	31.3171	12.4658	1
cg06177107	WDR8	0.135882	0.196674	0.692202	-1.44466	0.0867569	0.600611	-1.66497	0.0681082	0.576625	-1.73423	0.73914	1.09424	1.09424	0.27763	0.737662	-1.35563	0.017241	0.457525	-2.18567	0.539259	1.18236	1.18236	0.32183	0.758948	-1.31761	0.110169	0.625495	-1.59873	2.2331	2.56865	1.02246	1
cg24754154	IRS4;IRS4	0.135884	0.0130844	0.0327119	-30.5699	0.631616	1.6805	1.6805	0.338455	2.89803	2.89803	0.200944	4.31468	4.31468	0.733684	0.692974	-1.44306	?	?	?	?	?	?	0.730413	0.689705	-1.44989	0.432654	0.422248	-2.36827	2.39575	33.2839	13.8929	1
cg18801292	SUPT16H	0.135887	0.459706	0.875616	-1.14205	0.32664	0.836363	-1.19565	0.0414072	0.660309	-1.51444	0.189384	1.27802	1.27802	0.0792565	1.41028	1.41028	0.33539	1.19159	1.19159	0.310193	0.830862	-1.20357	0.361959	1.1798	1.1798	0.281342	1.21844	1.21844	2.23306	1.10117	0.43833	1
cg07593662	RBMS3;RBMS3;RBMS3	0.135889	0.154177	0.678124	-1.47466	0.278662	0.750639	-1.3322	0.0427065	0.552079	-1.81134	0.814008	0.941755	-1.06185	0.10346	0.635416	-1.57377	0.511	0.843865	-1.18502	0.25741	1.35116	1.35116	0.102899	0.63486	-1.57515	0.0341264	0.532817	-1.87682	2.23304	2.29319	0.912832	1
cg26623416	TSG101	0.135889	0.335835	0.818336	-1.22199	0.771158	0.942785	-1.06069	0.870389	0.967551	-1.03354	0.816107	0.954031	-1.04818	0.813507	1.0489	1.0489	0.208457	0.764999	-1.30719	0.00359944	0.451008	-2.21725	0.78515	1.05675	1.05675	0.571361	1.1225	1.1225	2.23304	1.44328	0.574514	1
cg07426077	SSU72	0.135892	0.709705	0.906523	-1.10312	0.248922	1.37204	1.37204	0.640359	0.883826	-1.13144	0.702101	0.904057	-1.10612	0.00486597	0.375388	-2.66391	0.60274	1.14776	1.14776	0.390765	1.2596	1.2596	0.559145	0.856391	-1.16769	0.528019	0.845525	-1.1827	2.23302	2.43611	0.969733	1
cg19891022	TRIO	0.1359	0.348902	0.813152	-1.22978	0.0413398	0.60367	-1.65653	0.00844312	0.486086	-2.05725	0.935419	1.01753	1.01753	0.432652	1.18738	1.18738	0.71859	0.925321	-1.08071	0.20836	0.752399	-1.32908	0.525879	0.87122	-1.14782	0.392452	0.828688	-1.20673	2.23296	1.62697	0.647658	1
cg15836763	PHF17;PHF17	0.135903	0.942412	1.03359	1.03359	0.271128	1.68863	1.68863	0.0320774	3.15277	3.15277	0.713359	0.844743	-1.18379	0.759525	1.15074	1.15074	0.666375	1.21939	1.21939	0.0154223	0.25684	-3.89347	0.859064	0.921937	-1.08467	0.665689	1.21993	1.21993	2.23293	7.39547	2.944	1
cg00363811	BTRC;BTRC	0.135906	0.314226	1.67207	1.67207	0.400402	0.653667	-1.52983	0.923088	0.953423	-1.04885	0.919367	1.05129	1.05129	0.265586	1.77361	1.77361	0.0213693	3.91953	3.91953	0.984497	0.990449	-1.00964	0.0366454	0.301405	-3.31779	0.453096	1.45865	1.45865	2.23291	8.6275	3.43448	1
cg14440600	CPT1C;CPT1C;C19orf76;C19orf76	0.135906	0.99983	0.999848	-1.00015	0.149607	3.01273	3.01273	0.069991	4.24698	4.24698	0.122999	3.29629	3.29629	0.122835	3.2983	3.2983	0.426069	1.78635	1.78635	0.00945147	10.4633	10.4633	0.940165	0.947821	-1.05505	0.201712	2.61786	2.61786	2.23291	18.0207	7.17376	1
cg02282626	HLA-L	0.135909	0.684858	1.07747	1.07747	0.012433	1.76634	1.76634	0.0431189	1.53045	1.53045	0.844324	0.964684	-1.03661	0.34987	0.838632	-1.19242	0.63254	1.0921	1.0921	0.717615	0.935739	-1.06867	0.186619	1.29179	1.29179	0.618995	0.912397	-1.09601	2.23289	1.18277	0.470846	1
cg04981940	ATAD3C	0.135909	0.777062	0.962237	-1.03924	0.0133388	0.659886	-1.51541	0.718829	1.05025	1.05025	0.225691	0.841534	-1.18831	0.388648	1.12728	1.12728	0.0581219	1.33697	1.33697	0.437468	0.898161	-1.11339	0.802472	0.966583	-1.03457	0.807403	0.967423	-1.03367	2.23289	0.650272	0.258866	1
cg11713800	MDFI	0.135909	0.0809008	0.514812	-1.94246	0.0550809	0.474211	-2.10877	0.486909	0.784807	-1.2742	0.411177	0.749555	-1.33413	0.0259533	0.403814	-2.47639	0.0907279	0.527664	-1.89515	0.0773659	0.509902	-1.96116	0.620923	1.1865	1.1865	0.149629	0.588637	-1.69884	2.23289	4.16153	1.65666	1
cg02977559	HIST2H2BF;FCGR1A	0.135917	0.23763	0.546255	-1.83065	0.227583	0.538428	-1.85726	0.0534832	0.342319	-2.92125	0.694421	1.21287	1.21287	0.01566	0.235015	-4.25505	0.507875	0.720116	-1.38867	0.157796	0.477974	-2.09216	0.127546	0.446919	-2.23754	0.0649115	0.363064	-2.75433	2.23283	8.44839	3.3633	1
cg16615454	ACCN2;ACCN2	0.13592	0.261893	1.66952	1.66952	0.00693238	4.6216	4.6216	0.131887	2.03903	2.03903	0.525134	1.32592	1.32592	0.141755	1.99795	1.99795	0.282375	1.63132	1.63132	0.0804996	2.33802	2.33802	0.103898	2.17934	2.17934	0.247326	1.6988	1.6988	2.23281	6.78723	2.70202	1
cg18240390	NXT2	0.13592	0.161174	0.253419	-3.94603	0.037938	0.109972	-9.09321	0.940257	0.933554	-1.07118	0.0669811	6.57663	6.57663	0.634214	0.644235	-1.55223	0.0368513	0.108164	-9.24522	0.918506	0.910393	-1.09843	0.826773	0.817876	-1.22268	0.945084	1.06523	1.06523	2.23281	29.7556	11.8458	1
cg04437662	VPS18	0.135921	0.629813	1.10506	1.10506	0.229995	0.77178	-1.29571	0.551067	1.13209	1.13209	0.900412	1.02609	1.02609	0.47883	0.862352	-1.15962	0.158442	0.733369	-1.36357	0.665292	0.914361	-1.09366	0.0504819	1.58171	1.58171	0.0250591	1.73022	1.73022	2.2328	1.49615	0.595626	1
cg08186892	CMIP;CMIP	0.135922	0.0479291	0.31328	-3.19203	0.413781	0.651277	-1.53544	0.0912726	0.384968	-2.59762	0.631253	1.28173	1.28173	0.0268161	0.260212	-3.84301	0.576035	0.74829	-1.33638	0.636342	0.783129	-1.27693	0.0315886	0.274246	-3.64636	0.227161	0.521647	-1.917	2.23279	9.31588	3.70871	1
cg17939935	MYO1E	0.135925	0.70106	1.08926	1.08926	0.493366	1.16671	1.16671	0.0867468	0.657484	-1.52095	0.739834	1.07667	1.07667	0.0689941	0.636956	-1.56997	0.0609505	1.59705	1.59705	0.0678482	1.5736	1.5736	0.739743	1.0767	1.0767	0.939863	1.01686	1.01686	2.23277	1.73746	0.691703	1
cg16292912	MTMR14;MTMR14;MTMR14	0.135927	0.664877	0.847456	-1.18	0.965868	1.01638	1.01638	0.530898	0.785795	-1.2726	0.0763037	0.472881	-2.1147	0.00488582	0.242524	-4.1233	0.578438	1.23759	1.23759	0.796606	0.90657	-1.10306	0.514974	0.778229	-1.28497	0.218471	0.611675	-1.63486	2.23275	5.09978	2.03029	1
cg25117505	ZDHHC24;ACTN3;ZDHHC24	0.135928	0.0492839	1.69392	1.69392	0.294759	1.29074	1.29074	0.602264	0.883829	-1.13144	0.26564	1.31317	1.31317	0.0766918	0.629754	-1.58792	0.0860493	1.56128	1.56128	0.164697	1.41644	1.41644	0.293339	1.29178	1.29178	0.612549	0.886968	-1.12744	2.23274	1.95061	0.776568	1
cg02892153	FLJ35776;DLGAP1;DLGAP1	0.135931	0.169729	0.48471	-2.06309	0.0987003	0.40799	-2.45104	0.0678608	0.363244	-2.75297	0.0538964	0.33837	-2.95535	0.0269631	0.273338	-3.65847	0.476036	0.698487	-1.43167	0.0380003	0.303889	-3.29068	0.762209	0.860481	-1.16214	0.252018	0.552946	-1.80849	2.23272	8.66962	3.45153	1
cg00671126	MAD1L1;MAD1L1;MAD1L1	0.135931	0.157714	0.531858	-1.8802	0.0191196	0.305669	-3.27152	0.0208746	0.312842	-3.1965	0.966924	0.982818	-1.01748	0.213923	0.578717	-1.72796	0.232761	0.592752	-1.68705	0.105464	0.477472	-2.09437	0.933883	1.03529	1.03529	0.817907	0.90811	-1.10119	2.23272	6.17719	2.45926	1
cg02473606	MMP17	0.135933	0.30119	0.692875	-1.44326	0.84918	0.936875	-1.06738	0.492037	1.26999	1.26999	0.673536	1.1562	1.1562	0.259332	0.66828	-1.49638	0.432359	0.75999	-1.31581	0.084065	0.519598	-1.92456	0.00632064	0.295839	-3.38021	0.377832	0.7335	-1.36333	2.23271	4.14834	1.65154	1
cg10174387	NUP93	0.135936	0.763695	0.963541	-1.03784	0.302361	1.14067	1.14067	0.528116	1.08192	1.08192	0.0532357	0.762977	-1.31066	?	?	?	0.123723	0.814344	-1.22798	0.156861	0.829841	-1.20505	0.455672	0.910652	-1.09811	0.0333358	0.736119	-1.35848	2.25228	0.481143	0.213624	1
cg16494747	CDH13	0.135936	0.068324	0.310058	-3.2252	0.480502	0.662682	-1.50902	0.162941	0.425494	-2.35021	0.342214	0.570369	-1.75325	0.0131108	0.171157	-5.8426	0.640687	0.76361	-1.30957	0.0616841	0.298943	-3.34512	0.0601086	0.296196	-3.37614	0.170029	0.43236	-2.31289	2.23268	11.6402	4.63426	1
cg05272807	CACNA1H;CACNA1H	0.135937	0.643288	1.25166	1.25166	0.0221048	3.7467	3.7467	0.204566	1.90477	1.90477	0.818549	0.895292	-1.11695	0.928459	0.957697	-1.04417	0.150348	2.1003	2.1003	0.120428	0.444517	-2.24963	0.256722	1.76789	1.76789	0.0847671	2.50311	2.50311	2.23267	8.19221	3.26154	1
cg18405539	XKR7;XKR7	0.13594	0.042601	0.545169	-1.83429	0.484216	0.831323	-1.2029	0.71872	1.09855	1.09855	0.751395	0.920727	-1.0861	0.0468902	0.553675	-1.80611	0.569266	0.861159	-1.16123	0.0118672	0.442103	-2.26191	0.259372	0.736557	-1.35767	0.819505	0.942336	-1.06119	2.23265	2.38789	0.950693	1
cg11662745	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2E	0.135942	0.975557	0.987301	-1.01286	0.841459	1.08713	1.08713	0.81346	1.10363	1.10363	0.362854	1.47715	1.47715	0.00531017	0.216012	-4.62936	0.179504	0.551713	-1.81254	0.47081	1.35801	1.35801	0.363496	0.677351	-1.47634	0.83296	0.915669	-1.0921	2.23264	6.15289	2.44968	1
cg04640197	ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;ARMC10	0.135943	0.987269	0.996268	-1.00375	0.770355	1.071	1.071	0.150601	0.696967	-1.43479	0.174199	1.40316	1.40316	0.309348	0.781511	-1.27957	0.768039	0.933041	-1.07176	0.0121942	2.07899	2.07899	0.361104	1.24607	1.24607	0.232967	1.34053	1.34053	2.23263	1.94161	0.773022	1
cg19092368	CTPS	0.135945	0.205046	2.75694	2.75694	0.131836	3.43356	3.43356	0.153011	3.19198	3.19198	0.195694	2.82305	2.82305	0.197817	0.356167	-2.80767	0.18109	2.93555	2.93555	0.0368009	6.29363	6.29363	0.0935697	4.04994	4.04994	0.105057	3.83166	3.83166	2.23261	20.3391	8.09778	1
cg16435571	SLC6A11	0.135945	0.763736	0.893745	-1.11889	0.960265	1.01874	1.01874	0.507766	0.778492	-1.28453	0.810466	1.09366	1.09366	0.0521139	2.27803	2.27803	0.0645809	0.461333	-2.16763	0.239539	0.631942	-1.58242	0.389372	1.38917	1.38917	0.0499358	2.30064	2.30064	2.23261	4.91025	1.95496	1
cg04630292	PRRT1	0.135947	0.120385	2.59001	2.59001	0.114968	2.63327	2.63327	0.375863	1.67094	1.67094	0.159219	2.3393	2.3393	0.112859	2.65084	2.65084	0.0714655	3.11774	3.11774	0.0132065	5.67069	5.67069	0.072304	3.10496	3.10496	0.202837	2.13711	2.13711	2.2326	11.2835	4.49243	1
cg05233576	BRSK1	0.135952	0.65124	1.12911	1.12911	0.248794	0.724926	-1.37945	0.574379	0.859485	-1.16349	0.0416145	1.87169	1.87169	0.0600969	0.567831	-1.76109	0.828835	0.943862	-1.05948	0.0550472	0.559627	-1.78691	0.607019	1.14848	1.14848	0.395187	0.792652	-1.26159	2.23256	2.51782	1.00246	1
cg19573564	DCTN1;DCTN1	0.135953	0.0638613	1.81272	1.81272	0.0872346	1.71466	1.71466	0.531692	1.1983	1.1983	0.0962242	1.68474	1.68474	0.0929637	1.69521	1.69521	0.0329199	2.03895	2.03895	0.0481587	1.9058	1.9058	0.375921	1.29627	1.29627	0.0786288	1.74681	1.74681	2.23256	2.88334	1.148	1
cg16923271	POLD1	0.135955	0.0205984	0.477672	-2.09349	0.100462	1.6108	1.6108	0.740591	1.09201	1.09201	0.384385	0.789553	-1.26654	0.542362	1.17749	1.17749	0.188305	0.691202	-1.44675	0.600553	0.869384	-1.15024	0.361001	1.28246	1.28246	0.227354	1.399	1.399	2.23254	2.48182	0.988138	1
cg19081662	INPP5A	0.135957	0.7571	1.03976	1.03976	0.659165	1.05736	1.05736	0.385511	1.11829	1.11829	0.235769	1.16898	1.16898	0.00336517	1.65079	1.65079	0.248942	1.1635	1.1635	0.17003	1.20159	1.20159	0.346262	1.12963	1.12963	0.961809	0.994001	-1.00604	2.23252	0.558347	0.222308	1
cg15538809	DSC2;DSC2	0.135957	0.622018	1.20466	1.20466	0.744135	0.884515	-1.13056	0.310099	0.674657	-1.48223	0.194573	0.597995	-1.67226	0.0120176	0.309176	-3.23441	0.96711	1.01557	1.01557	0.895862	0.952116	-1.05029	0.174449	1.71821	1.71821	0.0825566	0.486519	-2.05542	2.23252	4.96432	1.97657	1
cg20176042	CASP3;CASP3	0.135958	0.657663	0.894343	-1.11814	0.672365	0.898971	-1.11238	0.199962	0.712477	-1.40355	0.71706	0.912907	-1.0954	0.00250581	0.349506	-2.86118	0.976474	1.00741	1.00741	0.602891	0.876851	-1.14044	0.681081	0.901703	-1.10901	0.498766	0.842036	-1.1876	2.23251	2.21659	0.882551	1
cg09088193	KRT39	0.13596	0.809108	0.918406	-1.08884	0.0343139	0.419658	-2.38289	0.0174636	0.361491	-2.76632	0.561136	1.22956	1.22956	0.122	0.554617	-1.80305	0.62139	1.19134	1.19134	0.405076	1.3493	1.3493	0.540735	0.804299	-1.24332	0.887676	0.951513	-1.05096	2.2325	4.3731	1.74119	1
cg21652474	LSM2;LSM2	0.13596	0.962546	0.980992	-1.01938	0.089107	2.1517	2.1517	0.260549	1.61541	1.61541	0.990373	1.00494	1.00494	0.106851	2.05334	2.05334	0.0279376	0.345946	-2.89063	0.811735	1.10243	1.10243	0.112373	2.0267	2.0267	0.479473	1.34151	1.34151	2.2325	5.90555	2.35135	1
cg10263335	LOC100129387;GABPB1;GABPB1;FLJ10038;GABPB1;GABPB1;GABPB1	0.135961	0.251557	0.713768	-1.40101	0.307505	1.3463	1.3463	0.0865746	1.70384	1.70384	0.0376625	0.507269	-1.97134	0.974633	0.991089	-1.00899	0.0939468	0.595454	-1.67939	0.598039	0.860908	-1.16156	0.501108	0.825129	-1.21193	0.276971	1.37478	1.37478	2.2325	2.80178	1.11555	1
cg01573938	ACSL6;ACSL6	0.135961	0.754568	0.817644	-1.22303	0.823322	1.15438	1.15438	0.627754	0.730746	-1.36846	0.151132	0.372471	-2.68477	0.214556	0.432221	-2.31363	?	?	?	0.0229236	5.73763	5.73763	0.225965	2.26204	2.26204	0.184707	2.46736	2.46736	2.25209	13.0668	5.80208	1
cg20942910	TTC39A	0.135961	0.0281747	0.248714	-4.02067	0.162158	2.22822	2.22822	0.217059	2.00814	2.00814	0.442569	1.52241	1.52241	0.232962	1.95697	1.95697	0.305856	0.56601	-1.76675	0.579654	0.740564	-1.35032	0.112434	2.52872	2.52872	0.88326	0.924155	-1.08207	2.23249	10.1893	4.05698	1
cg00394583	VPS8;VPS8	0.135962	0.901662	1.0287	1.0287	0.517151	0.860412	-1.16223	0.0143963	1.99483	1.99483	0.229951	0.7495	-1.33422	0.215999	1.34727	1.34727	0.132841	1.44953	1.44953	0.391253	1.22274	1.22274	0.436731	0.833911	-1.19917	0.395548	0.819395	-1.22041	2.23249	1.85299	0.737789	1
cg02927821	LOC730755	0.135969	0.849408	1.1292	1.1292	0.578716	0.698692	-1.43125	0.0105021	0.127648	-7.83402	0.122367	0.342927	-2.91607	0.590588	0.706684	-1.41506	0.205922	0.426169	-2.34649	0.0302419	0.196198	-5.09689	0.974414	1.02071	1.02071	0.944932	1.04515	1.04515	2.23243	14.4476	5.75259	1
cg01482279	ORMDL3;ORMDL3	0.135969	0.0533223	0.799721	-1.25044	0.788657	0.973017	-1.02773	0.409765	1.08962	1.08962	0.22666	0.878762	-1.13796	0.189848	0.868162	-1.15186	0.178614	1.15661	1.15661	0.977942	0.997189	-1.00282	0.146705	0.853348	-1.17186	0.081584	1.21716	1.21716	2.23243	0.366506	0.145932	1
cg27662611	MAFF;MAFF;MAFF;MAFF	0.135973	0.106888	0.662974	-1.50835	0.981294	1.00549	1.00549	0.934231	0.980912	-1.01946	0.763906	0.932079	-1.07287	0.17935	0.71674	-1.39521	0.0672454	1.61427	1.61427	0.172018	1.4042	1.4042	0.048081	0.590039	-1.6948	0.350579	0.799038	-1.2515	2.2324	1.92775	0.767583	1
cg19930296	TCP10;TCP10	0.135973	0.163825	0.417841	-2.39326	0.307476	1.85979	1.85979	0.990224	1.00722	1.00722	0.141353	0.394967	-2.53186	0.146632	0.400504	-2.49686	0.0758657	0.313373	-3.19109	0.233768	0.480381	-2.08168	0.0192884	0.189703	-5.27139	0.180029	0.433339	-2.30766	2.2324	12.1963	4.85627	1
cg11100765	SERINC2	0.135978	0.0310171	0.622754	-1.60577	0.096878	0.711153	-1.40617	0.632302	0.913774	-1.09436	0.31656	0.823925	-1.2137	0.0170605	0.580444	-1.72282	0.659666	0.920449	-1.08643	0.043788	0.648253	-1.54261	0.239743	0.794325	-1.25893	0.50693	0.881667	-1.13421	2.23237	1.237	0.492552	1
cg11075273	CCDC146	0.135978	0.33183	0.828274	-1.20733	0.0461741	0.650567	-1.53712	0.291441	0.813829	-1.22876	0.7932	1.05069	1.05069	0.0113791	0.550905	-1.8152	0.920266	1.01902	1.01902	0.200108	0.775143	-1.29008	0.791176	0.951286	-1.05121	0.343258	1.2017	1.2017	2.23236	1.25209	0.498562	1
cg14280283	ABCA2;ABCA2	0.135981	0.827542	1.17019	1.17019	0.00502762	14.4848	14.4848	0.0653972	4.43639	4.43639	0.982157	1.01624	1.01624	0.658924	0.72616	-1.37711	0.727989	0.777619	-1.28598	0.388409	1.89036	1.89036	0.546524	1.55203	1.55203	0.90833	1.08651	1.08651	2.23234	18.3458	7.30505	1
cg13710595	BAHD1	0.135986	0.164326	2.35801	2.35801	0.994307	1.00409	1.00409	0.0497078	0.270311	-3.69945	0.187087	2.24243	2.24243	?	?	?	0.316572	1.81421	1.81421	?	?	?	?	?	?	0.167962	2.33819	2.33819	2.42342	8.2059	3.95044	1
cg21661837	TFAP2A;TFAP2A;TFAP2A	0.13599	0.134134	0.468793	-2.13314	0.364239	0.645805	-1.54846	0.0751889	0.394885	-2.53238	0.317663	0.61606	-1.62322	0.0428901	0.335258	-2.98278	0.204898	0.534024	-1.87257	0.0160436	0.251028	-3.98362	0.869814	0.92596	-1.07996	0.0725741	0.390816	-2.55875	2.23227	7.7757	3.09628	1
cg04817870	ASPSCR1	0.135995	0.40199	0.767153	-1.30352	0.173526	1.56439	1.56439	0.491942	0.805978	-1.24073	0.834352	1.06685	1.06685	0.435805	0.782158	-1.27851	0.0105971	0.370339	-2.70023	0.0773854	0.54514	-1.83439	0.547329	1.20706	1.20706	0.956451	0.983266	-1.01702	2.23223	3.37629	1.34446	1
cg03887502	MSH4	0.136	0.71316	1.05805	1.05805	0.0323902	0.68195	-1.46638	0.380401	0.871537	-1.1474	0.529337	1.10228	1.10228	0.263152	1.19515	1.19515	0.0438196	1.42486	1.42486	0.194814	1.23315	1.23315	0.716546	1.0573	1.0573	0.377609	0.870797	-1.14837	2.2322	0.825588	0.328759	1
cg06363569	RAB18	0.136001	0.422385	0.910668	-1.09809	0.0347351	1.32453	1.32453	0.462007	0.918054	-1.08926	0.398839	0.906078	-1.10366	0.414099	1.10002	1.10002	0.776392	1.03305	1.03305	0.121019	0.825322	-1.21165	0.574692	1.06688	1.06688	0.0444576	1.30153	1.30153	2.23219	0.460942	0.183554	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18246610	SEMA3A	0.136003	0.86147	0.937685	-1.06646	0.502616	1.28483	1.28483	0.125917	0.543345	-1.84045	0.0229256	0.366981	-2.72494	0.282137	1.50941	1.50941	0.722419	1.14041	1.14041	0.0818103	2.03481	2.03481	0.734671	0.882222	-1.1335	0.265137	0.651944	-1.53387	2.23217	4.79727	1.91036	1
cg17288694	WDR37	0.136005	0.050311	2.13669	2.13669	0.213819	1.56114	1.56114	0.794554	0.915026	-1.09287	0.414916	1.32788	1.32788	0.622497	0.844626	-1.18396	0.352076	1.38524	1.38524	0.0113564	2.9403	2.9403	0.124631	1.76075	1.76075	0.172503	1.639	1.639	2.23216	4.09371	1.63019	1
cg07039469	ZNF219;ZNF219	0.136005	0.460385	1.14541	1.14541	0.0705355	1.44063	1.44063	0.540871	0.894204	-1.11831	0.111482	1.36771	1.36771	0.371887	0.84738	-1.18011	0.143017	1.32888	1.32888	0.627822	0.915537	-1.09226	0.0447533	0.659573	-1.51613	0.673206	0.926237	-1.07964	2.23215	1.1535	0.459348	1
cg08789134	MAN2B2	0.136008	0.52679	0.863622	-1.15791	0.619237	1.12135	1.12135	0.0494484	0.598948	-1.66959	0.849807	0.957583	-1.0443	0.0058839	0.438666	-2.27964	0.969072	1.0089	1.0089	0.759055	1.07287	1.07287	0.715838	0.919812	-1.08718	0.843323	1.04628	1.04628	2.23214	1.84793	0.73589	1
cg14534967	ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11;ABHD11	0.136008	0.163396	0.823748	-1.21396	0.110453	1.25449	1.25449	0.27456	1.15972	1.15972	0.260621	0.858187	-1.16525	0.579479	1.07569	1.07569	0.753769	1.04187	1.04187	0.01762	0.686338	-1.45701	0.731108	0.956032	-1.04599	0.562624	1.07928	1.07928	2.23213	0.60062	0.239181	1
cg16995768	PTPRN2;PTPRN2;PTPRN2	0.136009	0.726568	1.11686	1.11686	0.0306645	2.22408	2.22408	0.428097	0.775153	-1.29007	0.274175	0.69893	-1.43076	0.476998	1.25562	1.25562	0.74993	1.10591	1.10591	0.061361	1.94173	1.94173	0.0673039	1.90688	1.90688	0.399666	0.762292	-1.31183	2.23213	3.50359	1.39522	1
cg02275359	ZNF146;ZNF146;ZNF146	0.13601	0.0661539	2.73522	2.73522	0.183109	1.99296	1.99296	0.496698	1.40061	1.40061	0.0354044	3.30642	3.30642	0.60242	1.2925	1.2925	0.866376	1.08569	1.08569	0.331774	0.613335	-1.63043	0.0260143	3.63205	3.63205	0.19243	1.96113	1.96113	2.23212	8.42571	3.35534	1
cg01616876	RASAL1	0.136013	0.0503091	0.531848	-1.88024	0.270057	0.722533	-1.38402	0.00546566	0.355575	-2.81235	0.310804	0.743227	-1.34548	0.451353	0.804807	-1.24253	0.676197	0.887931	-1.12621	0.7541	1.09299	1.09299	0.430423	0.796328	-1.25576	0.264386	0.719505	-1.38984	2.2321	2.83088	1.12734	1
cg17946043	NOD1;NOD1	0.136014	0.065293	0.730516	-1.3689	0.0203652	1.52849	1.52849	0.671431	0.937304	-1.06689	0.300533	1.1768	1.1768	0.401707	0.877881	-1.13911	0.845315	0.970794	-1.03008	0.131598	0.78114	-1.28018	0.959203	0.992267	-1.00779	0.67719	1.06559	1.06559	2.23209	0.81407	0.324188	1
cg26869617	TSC2;TSC2;TSC2	0.136016	0.530619	1.25456	1.25456	0.155958	1.71933	1.71933	0.794588	1.09763	1.09763	0.852994	1.06847	1.06847	0.00795832	0.296798	-3.36929	0.27436	0.666265	-1.5009	0.28917	1.48114	1.48114	0.81452	0.91952	-1.08752	0.784542	1.10279	1.10279	2.23207	4.50607	1.79447	1
cg21127303	HIST1H2AB	0.136017	0.0109247	0.457301	-2.18674	0.0629007	0.599005	-1.66943	0.659639	1.11466	1.11466	0.10115	0.644253	-1.55219	0.680959	0.903702	-1.10656	0.381002	0.802457	-1.24617	0.860686	1.04396	1.04396	0.438667	1.21345	1.21345	0.384006	0.803626	-1.24436	2.23206	2.12057	0.844488	1
cg01542143	HTT	0.136019	0.466876	0.746784	-1.33908	0.669909	0.844419	-1.18425	0.329027	0.672142	-1.48778	0.696443	0.856744	-1.16721	0.00538593	0.235752	-4.24174	0.478381	1.32875	1.32875	0.374454	0.698009	-1.43265	0.346241	0.68213	-1.466	0.063281	0.438795	-2.27897	2.23205	5.49806	2.18954	1
cg17804387	PARP9;PARP9;DTX3L;PARP9;PARP9;PARP9;PARP9;PARP9;PARP9	0.136021	0.143654	0.477393	-2.09471	0.0675115	0.381373	-2.6221	0.218272	0.543666	-1.83936	0.0459884	0.340872	-2.93365	0.119887	0.452015	-2.21231	0.0111113	0.22354	-4.47347	0.38155	0.655506	-1.52554	0.29041	0.596701	-1.67588	0.570625	0.763595	-1.30959	2.23204	7.82872	3.11772	1
ch.12.859106F	PRICKLE1	0.136023	0.168686	0.546663	-1.82928	0.110622	0.488775	-2.04593	0.00508292	0.217631	-4.59493	0.524771	0.766904	-1.30394	0.903274	0.951171	-1.05134	0.851667	1.08013	1.08013	0.130322	0.510273	-1.95974	0.696247	0.850825	-1.17533	0.364487	0.681326	-1.46773	2.23202	5.99384	2.38701	1
cg19412258	ZFP41	0.136027	0.917702	1.04298	1.04298	0.405904	0.707377	-1.41367	0.0359295	0.37025	-2.70088	0.668669	0.839216	-1.19159	0.0246218	0.336322	-2.97334	0.862371	0.931793	-1.0732	0.17068	0.552121	-1.8112	0.527607	1.29767	1.29767	0.0412832	0.383499	-2.60757	2.23199	5.85967	2.33361	1
cg21534413	MYO1F	0.136028	0.272896	0.821499	-1.21729	0.182912	0.783863	-1.27573	0.769694	0.950672	-1.05189	0.782558	1.04883	1.04883	0.854297	1.03218	1.03218	0.299664	1.20347	1.20347	0.0603958	0.694265	-1.44037	0.0288162	0.641337	-1.55924	0.0504191	0.680977	-1.46848	2.23198	1.04953	0.417978	1
cg01652190	C22orf34	0.136031	0.0769162	2.35395	2.35395	0.7164	1.17208	1.17208	0.038624	2.83633	2.83633	0.0300387	3.03636	3.03636	0.331325	1.54685	1.54685	0.82072	0.905936	-1.10383	0.66409	1.20945	1.20945	0.448312	1.39977	1.39977	0.0284392	3.08187	3.08187	2.23196	6.69553	2.66653	1
cg12628324	USP32	0.136032	0.503926	0.876868	-1.14042	0.465617	1.15472	1.15472	0.0802519	1.4564	1.4564	0.0216762	0.586216	-1.70586	0.65791	0.917283	-1.09018	0.264674	0.798329	-1.25262	0.320018	1.22029	1.22029	0.195692	1.30358	1.30358	0.710825	1.07482	1.07482	2.23195	1.32688	0.528439	1
cg06550057	FLJ32063	0.136033	0.229508	0.765059	-1.30709	0.01053	1.98096	1.98096	0.701791	0.921536	-1.08514	0.944857	1.0148	1.0148	0.730885	1.07609	1.07609	0.594298	0.892098	-1.12095	0.136723	0.71142	-1.40564	0.358008	0.818109	-1.22233	0.329879	1.23808	1.23808	2.23195	1.59461	0.635065	1
cg02300379	LGI1	0.136033	0.0727168	0.48172	-2.0759	0.0195873	2.79815	2.79815	0.76563	1.11523	1.11523	0.489012	0.773824	-1.29228	0.0665526	0.472115	-2.11813	0.668867	0.854737	-1.16995	0.789359	0.906941	-1.10261	0.697953	1.15289	1.15289	0.799034	0.911129	-1.09754	2.23195	4.70445	1.87358	1
cg17429243	TMTC4;TMTC4	0.136033	0.194656	1.91068	1.91068	0.987505	0.992637	-1.00742	0.88989	0.936719	-1.06756	0.211651	1.86073	1.86073	0.818015	0.896935	-1.11491	0.0700398	2.60101	2.60101	0.0462409	2.9379	2.9379	0.0271798	3.43446	3.43446	0.0670964	2.63405	2.63405	2.23194	7.87283	3.13542	1
cg02486253	RNF126P1	0.136038	0.408478	3.18632	3.18632	0.0206285	45.6659	45.6659	0.114877	10.4868	10.4868	0.816141	0.72669	-1.3761	0.734024	1.59597	1.59597	0.856753	0.780612	-1.28105	0.119098	10.1617	10.1617	0.819836	1.36711	1.36711	0.0191971	48.6018	48.6018	2.2319	66.4165	26.4514	1
cg05583636	ARHGAP17;ARHGAP17	0.136039	0.0453471	0.423634	-2.36053	0.199124	0.601934	-1.66131	0.230925	0.624903	-1.60025	0.257264	0.642535	-1.55634	0.0584006	0.449281	-2.22578	0.0766579	0.478682	-2.08907	0.0677927	0.465149	-2.14985	0.50883	0.778223	-1.28498	0.0230523	0.361748	-2.76435	2.2319	4.94771	1.9705	1
cg07806866	CCNA2;CCNA2	0.13604	0.760089	1.05672	1.05672	0.0776209	0.702388	-1.42372	0.0374386	0.647306	-1.54486	0.542028	1.11759	1.11759	0.782685	1.05106	1.05106	0.506426	0.885663	-1.1291	0.0175999	0.594384	-1.68241	0.623843	1.09311	1.09311	0.77452	0.949583	-1.05309	2.23189	1.14673	0.456703	1
cg04195161	ARHGAP23;ARHGAP23	0.136042	0.420271	0.917719	-1.08966	0.660694	1.04714	1.04714	0.450354	0.922928	-1.08351	0.686307	1.04325	1.04325	0.325179	1.11176	1.11176	0.522847	1.06986	1.06986	0.00644392	1.44694	1.44694	0.479475	0.927777	-1.07784	0.149684	1.17477	1.17477	2.23187	0.38437	0.153083	1
cg27421679	PRKAR2A	0.136043	0.0251972	0.362272	-2.76036	0.925904	0.965141	-1.03612	0.0238219	0.357437	-2.7977	0.461638	0.751374	-1.3309	0.92488	1.03663	1.03663	0.125553	0.531343	-1.88202	0.61434	1.21386	1.21386	0.369762	1.42097	1.42097	0.275105	0.648494	-1.54204	2.23187	5.14284	2.04824	1
cg26645468	PPP2CA	0.136049	0.12619	0.338036	-2.95827	0.0702678	3.76757	3.76757	0.104615	3.19881	3.19881	0.712431	1.27467	1.27467	0.834049	0.871511	-1.14743	0.49012	0.631581	-1.58333	0.0533705	0.237267	-4.21466	0.784207	1.19714	1.19714	0.231132	0.438947	-2.27818	2.23182	15.1887	6.04936	1
cg15140902	FLJ22536	0.136054	0.306885	2.2547	2.2547	0.408242	0.521974	-1.9158	0.153358	3.23839	3.23839	0.766029	1.2578	1.2578	0.0222191	8.22111	8.22111	0.468	0.566909	-1.76395	0.710834	0.7511	-1.33138	0.0271604	7.46206	7.46206	0.788473	1.22959	1.22959	2.23179	20.8805	8.3164	1
cg09623400	TMEM90B;TMEM90B	0.136055	0.249093	1.31179	1.31179	0.828682	1.05003	1.05003	0.124697	1.45421	1.45421	0.214167	1.34263	1.34263	0.107927	1.48463	1.48463	0.555225	0.874214	-1.14389	0.602229	0.888284	-1.12577	0.107847	1.48479	1.48479	0.044379	0.594401	-1.68237	2.23178	1.7939	0.714486	1
cg06557887	CDC6	0.136056	0.154676	0.371834	-2.68937	0.208987	2.36339	2.36339	0.0958399	3.2803	3.2803	?	?	?	0.940293	0.952514	-1.04985	0.0738467	0.274163	-3.64747	0.329844	0.520443	-1.92144	0.131024	2.88328	2.88328	0.669205	1.32197	1.32197	2.25134	13.3683	5.93794	1
cg03671597	SEZ6;SEZ6	0.136059	0.348073	0.771586	-1.29603	0.797057	0.933169	-1.07162	0.302182	1.33228	1.33228	0.522029	1.19026	1.19026	0.77865	1.07857	1.07857	0.0527241	0.553735	-1.80592	0.0260068	0.492053	-2.0323	0.133665	0.647784	-1.54372	0.312898	1.32336	1.32336	2.23175	2.54642	1.01422	1
cg03208501	BUB1	0.136061	0.034884	0.685637	-1.4585	0.596122	0.921179	-1.08557	0.654813	1.07152	1.07152	0.0591008	0.720992	-1.38698	0.0377274	0.690787	-1.44762	0.0871764	0.748336	-1.3363	0.194454	0.810024	-1.23453	0.533967	0.907839	-1.10152	0.590084	1.08706	1.08706	2.23173	0.832765	0.331687	1
cg05569784	HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE	0.136062	0.215806	0.430496	-2.3229	0.332928	1.90827	1.90827	0.725116	1.2566	1.2566	0.366379	0.548595	-1.82284	0.521216	0.656606	-1.52298	0.0662439	3.79214	3.79214	0.661522	0.751991	-1.3298	0.736604	0.803795	-1.2441	0.0158431	6.76675	6.76675	2.23173	14.7952	5.8929	1
cg19598685	ACACB	0.136064	0.0847102	0.71633	-1.396	0.758699	1.05539	1.05539	0.189741	1.27511	1.27511	0.411166	0.863258	-1.1584	0.687639	0.931723	-1.07328	0.603258	0.912339	-1.09608	0.0909046	0.721903	-1.38523	0.0561402	1.46007	1.46007	0.179423	1.2834	1.2834	2.23171	1.08209	0.430997	1
cg06187102	CA5BP	0.136065	0.0396689	0.182191	-5.48874	0.29912	0.462881	-2.16038	0.440962	0.569806	-1.75498	0.240081	0.414597	-2.41198	0.895437	0.910174	-1.09869	0.227093	0.403462	-2.47855	0.0407297	0.184342	-5.42469	0.0175133	0.12623	-7.92207	0.100466	0.275829	-3.62544	2.2317	18.1086	7.21268	1
cg24670715	ANGPT2;ANGPT2;ANGPT2;ANGPT2;ANGPT2;ANGPT2;MCPH1	0.136065	0.562946	0.732738	-1.36475	0.157119	0.447304	-2.23562	0.044567	0.293357	-3.40882	0.870261	0.916759	-1.0908	0.211411	0.496572	-2.01381	0.213845	0.498615	-2.00555	0.538979	0.718401	-1.39198	0.352185	0.601064	-1.66372	0.0309621	3.84529	3.84529	2.2317	9.99235	3.97997	1
cg05800450	ZFP37	0.136067	0.229087	0.773056	-1.29357	0.123612	0.711677	-1.40513	0.685682	0.920369	-1.08652	0.940632	0.984925	-1.01531	0.129436	0.715967	-1.39671	0.21016	0.763897	-1.30908	0.0609222	0.649993	-1.53848	0.00776714	0.497999	-2.00804	0.803468	0.950418	-1.05217	2.23168	1.47009	0.585541	1
cg04623270	C16orf80	0.136067	0.543018	0.824412	-1.21299	0.362315	0.745546	-1.3413	0.0720963	0.532826	-1.87678	0.167947	0.630743	-1.58543	0.0214557	0.420419	-2.37858	0.181081	0.640628	-1.56097	0.230365	1.48383	1.48383	0.347898	1.35404	1.35404	0.372648	0.750484	-1.33247	2.23168	3.47618	1.38458	1
cg21123913	HERC3;HERC3	0.136071	0.148177	1.28289	1.28289	0.121835	1.30908	1.30908	0.720892	1.05931	1.05931	0.899015	0.979816	-1.0206	0.104884	0.752304	-1.32925	0.358341	0.859253	-1.1638	0.0282642	0.65971	-1.51582	0.41075	1.14464	1.14464	0.666877	1.07202	1.07202	2.23165	0.911602	0.3631	1
cg04365721	IRX1	0.136072	0.979928	1.02127	1.02127	0.630891	1.49921	1.49921	0.431387	1.95762	1.95762	0.946047	0.944963	-1.05824	0.0163425	11.6517	11.6517	0.841922	1.18179	1.18179	0.709135	0.730938	-1.36811	0.0218358	9.99332	9.99332	0.073487	5.308	5.308	2.23165	24.7297	9.85011	1
cg12861170	YJEFN3	0.136072	0.731948	1.15785	1.15785	0.476868	0.734688	-1.36112	0.120757	2.04881	2.04881	0.287873	1.60055	1.60055	0.747476	0.87136	-1.14763	0.0222545	3.21534	3.21534	0.368319	0.674437	-1.48272	0.32091	0.645877	-1.54828	0.0699013	2.37243	2.37243	2.23164	6.42186	2.5579	1
cg11580493	NR2F2;NR2F2	0.136073	0.368778	1.13276	1.13276	0.93275	1.01146	1.01146	0.682019	0.945889	-1.05721	0.179801	1.21214	1.21214	0.525565	0.916801	-1.09075	0.245028	1.17847	1.17847	0.0227848	0.692111	-1.44486	0.171537	1.21722	1.21722	0.11155	1.26371	1.26371	2.23164	0.644541	0.256729	1
cg01571583	MPP3;MPP3	0.136074	0.204362	0.775116	-1.29013	0.210198	1.28549	1.28549	0.0133524	0.558271	-1.79124	0.951718	1.01158	1.01158	0.218726	0.781897	-1.27894	0.0922313	0.702941	-1.42259	0.760477	0.943504	-1.05988	0.128986	0.731967	-1.36618	0.762802	0.944057	-1.05926	2.23163	1.27852	0.50925	1
cg19455322	ALS2CL	0.13608	0.345179	0.552563	-1.80975	0.827715	0.875484	-1.14223	0.38536	1.72112	1.72112	0.420758	0.605422	-1.65174	0.0612228	0.276126	-3.62154	0.843272	1.12837	1.12837	0.180981	0.420398	-2.3787	0.215295	2.21615	2.21615	0.0317727	4.64432	4.64432	2.23159	13.1563	5.24043	1
cg03483150	PENK;PENK	0.136085	0.757962	1.05761	1.05761	0.60165	0.908974	-1.10014	0.260298	1.23709	1.23709	0.116348	1.36234	1.36234	0.139407	0.749598	-1.33405	0.103594	0.724304	-1.38064	0.0243914	0.615056	-1.62587	0.689177	0.929738	-1.07557	0.578724	0.903362	-1.10698	2.23154	1.16043	0.462231	1
cg26458505	PCDHGA4;PCDHGA6;PCDHGA9;PCDHGA1;PCDHGA8;PCDHGA5;PCDHGB1;PCDHGA10;PCDHGB4;PCDHGA3;PCDHGA	0.136091	0.0548415	2.57524	2.57524	0.135363	2.01208	2.01208	0.253501	1.6787	1.6787	0.190311	1.82664	1.82664	0.0238682	3.22548	3.22548	0.281207	1.62663	1.62663	0.203309	1.79197	1.79197	0.0339832	2.93035	2.93035	0.069273	2.41773	2.41773	2.2315	6.66863	2.65636	1
cg22768358	ZBTB16;ZBTB16	0.136091	0.989572	0.993313	-1.00673	0.0251916	3.92242	3.92242	0.135953	2.28167	2.28167	0.267263	1.81005	1.81005	0.0825178	0.372575	-2.68402	0.185059	2.05774	2.05774	0.192671	2.02964	2.02964	0.239095	1.88318	1.88318	0.990007	0.993591	-1.00645	2.2315	9.31531	3.71064	1
cg15542496	PIP	0.136093	0.236727	0.553387	-1.80705	0.300462	1.6688	1.6688	0.203038	0.52658	-1.89905	0.283954	0.587849	-1.70112	0.0202959	0.263031	-3.80183	0.864228	0.921561	-1.08511	0.119041	0.445979	-2.24226	0.136107	0.464619	-2.1523	0.054535	0.35309	-2.83214	2.23148	8.05092	3.207	1
cg08811314	CMIP	0.136094	0.968854	0.973164	-1.02758	0.516391	0.632286	-1.58156	0.525369	0.638661	-1.56577	0.933529	0.943537	-1.05984	0.0124716	0.11464	-8.72297	0.146408	0.337514	-2.96284	0.151681	0.342952	-2.91586	0.0186604	0.137174	-7.29001	0.540909	0.649689	-1.5392	2.23148	17.1555	6.83372	1
cg04511291	PTPRN2;PTPRN2;PTPRN2	0.136095	0.303547	0.717249	-1.39422	0.091064	1.78687	1.78687	0.268741	1.43222	1.43222	0.148659	0.616873	-1.62108	0.668592	0.874328	-1.14374	0.0370369	0.469931	-2.12797	0.524875	0.817956	-1.22256	0.892949	0.958879	-1.04288	0.0845812	0.551609	-1.81288	2.23147	3.43721	1.36918	1
cg19508622	PVT1	0.136095	0.177875	0.577175	-1.73258	0.0279758	0.369093	-2.70935	0.791356	1.10714	1.10714	0.895951	0.951014	-1.05151	0.0341639	0.387189	-2.58272	0.373208	0.704043	-1.42037	0.0277007	0.368218	-2.71578	0.205385	0.598775	-1.67008	0.501764	0.769735	-1.29915	2.23147	5.20792	2.07453	1
cg05248542	CCDC109B	0.136095	0.0844397	0.518863	-1.92729	0.776755	0.906901	-1.10266	0.984673	1.00663	1.00663	0.524909	1.24792	1.24792	0.00783577	0.309412	-3.23194	0.129664	0.569619	-1.75556	0.256682	0.665668	-1.50225	0.214957	0.638446	-1.5663	0.981985	0.992269	-1.00779	2.23147	4.17617	1.66355	1
cg08440086	C1orf31	0.136097	0.173022	0.815546	-1.22617	0.276229	0.852768	-1.17265	0.154492	0.807092	-1.23902	0.0449277	0.723512	-1.38215	0.179975	1.2217	1.2217	0.262777	1.17843	1.17843	0.718599	1.0522	1.0522	0.785284	0.962326	-1.03915	0.133123	1.25589	1.25589	2.23146	0.698856	0.278386	1
cg26525870	LAYN	0.136098	0.176134	0.356972	-2.80134	0.0158633	0.120505	-8.2984	0.0303211	0.161442	-6.19418	0.505698	0.616513	-1.62203	0.0535594	0.207999	-4.80772	0.256257	0.427949	-2.33673	0.127782	0.307494	-3.2521	0.791992	0.827534	-1.20841	0.590917	0.677983	-1.47496	2.23145	18.1292	7.2217	1
cg02824064	FOXK1	0.136099	0.164151	1.88208	1.88208	0.320819	1.54799	1.54799	0.650144	1.21472	1.21472	0.0261386	3.07763	3.07763	0.659331	0.827801	-1.20802	0.0965852	2.17517	2.17517	0.334602	1.52792	1.52792	0.0310003	2.94095	2.94095	0.0602883	2.46598	2.46598	2.23144	6.41312	2.55465	1
cg02380833	PTPRO;PTPRO	0.1361	0.879414	1.02319	1.02319	0.0463867	0.708504	-1.41142	0.0274431	0.67438	-1.48284	0.459387	1.1205	1.1205	0.239741	0.830336	-1.20433	0.44391	0.888796	-1.12512	0.141294	0.787477	-1.26988	0.94448	0.989536	-1.01057	0.190204	1.2331	1.2331	2.23143	0.806147	0.321128	1
cg09243106	SLC8A2	0.1361	0.795921	1.14039	1.14039	0.010442	5.12502	5.12502	0.0143773	4.61547	4.61547	0.517418	1.39468	1.39468	0.482074	1.43643	1.43643	0.207216	1.96241	1.96241	0.335566	1.65422	1.65422	0.409321	1.53376	1.53376	0.824964	1.11882	1.11882	2.23143	9.07976	3.61691	1
cg08188368	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.136101	0.791967	1.14386	1.14386	0.441268	0.67081	-1.49074	0.0948552	0.393237	-2.543	0.328193	1.67055	1.67055	0.332684	0.601631	-1.66215	0.519128	1.39418	1.39418	0.154204	0.460454	-2.17177	0.0195486	4.19864	4.19864	0.664592	1.24834	1.24834	2.23143	9.13663	3.63958	1
cg14696870	FCER1A	0.136103	0.0273252	0.070846	-14.1151	0.417576	0.431773	-2.31603	0.108724	0.169718	-5.89214	0.340617	0.369495	-2.7064	0.0743012	0.133167	-7.50939	0.409759	0.425424	-2.3506	0.109439	0.170434	-5.86737	0.0191835	0.056536	-17.6879	0.144249	0.203877	-4.90492	2.23141	36.3241	14.4698	1
cg12691334	CPT1A;CPT1A	0.136104	0.0785878	3.5683	3.5683	0.00979108	8.38629	8.38629	0.143223	2.7853	2.7853	0.112058	3.08532	3.08532	0.100108	3.2321	3.2321	0.502353	1.55782	1.55782	0.270348	2.11132	2.11132	0.450737	1.64934	1.64934	0.703768	0.779773	-1.28242	2.2314	14.9837	5.96885	1
cg11251498	IDO2	0.136105	0.0412748	0.479259	-2.08656	0.456149	1.2676	1.2676	0.0850222	0.551568	-1.81301	0.306941	0.718601	-1.39159	0.137102	0.606341	-1.64924	0.980303	0.992316	-1.00774	0.0243351	0.432356	-2.31291	0.591034	1.18468	1.18468	0.400057	0.764036	-1.30884	2.2314	3.44972	1.37422	1
cg02186298	DPF2	0.136107	0.362865	0.844544	-1.18407	0.683748	1.0768	1.0768	0.534553	1.12035	1.12035	0.0605789	0.682316	-1.4656	0.240652	0.800967	-1.24849	0.0247431	0.616938	-1.62091	0.101695	0.723463	-1.38224	0.892542	1.02472	1.02472	0.251374	1.24173	1.24173	2.23138	1.15352	0.459514	1
cg05046556	SENP7;SENP7	0.136109	0.00942678	0.446537	-2.23946	0.0626824	0.598592	-1.67059	0.213841	1.37805	1.37805	0.359899	0.794042	-1.25938	0.734345	0.919937	-1.08703	0.189482	0.711402	-1.40567	0.455985	0.830261	-1.20444	0.545157	0.860688	-1.16186	0.791104	0.937031	-1.0672	2.23136	2.12124	0.845018	1
cg01417543	NAA16;NAA16;NAA16;NAA16;NAA16;NAA16	0.136109	0.055193	0.553328	-1.80725	0.698574	0.899475	-1.11176	0.683031	1.11826	1.11826	0.574563	1.16698	1.16698	0.924209	1.02625	1.02625	0.176612	1.47858	1.47858	0.0115955	0.423495	-2.3613	0.909506	0.969518	-1.03144	0.505951	0.832147	-1.20171	2.23136	2.61952	1.04352	1
cg07345027	LSM1	0.13611	0.194701	0.689076	-1.45122	0.286036	0.740237	-1.35092	0.102019	0.615166	-1.62558	0.401854	0.792213	-1.26229	0.910726	0.97001	-1.03092	0.970224	0.989918	-1.01018	0.0132085	2.30232	2.30232	0.452506	1.23093	1.23093	0.961573	1.01317	1.01317	2.23136	2.60448	1.03752	1
cg00541803	PCDP1	0.136111	0.0995684	1.2467	1.2467	0.959222	1.00627	1.00627	0.26268	1.15333	1.15333	0.441249	1.10068	1.10068	0.104942	1.24165	1.24165	0.223931	1.16891	1.16891	0.38655	1.11452	1.11452	0.0926654	1.25361	1.25361	0.0068093	1.53461	1.53461	2.23135	0.527329	0.210069	1
cg09902818	RAPGEF5	0.136114	0.170757	0.395873	-2.52606	0.0268735	0.1891	-5.28822	0.0108739	0.131151	-7.62478	0.71565	0.792614	-1.26165	0.340919	0.536079	-1.8654	0.503275	0.649507	-1.53963	0.340426	0.535717	-1.86666	0.459564	1.61346	1.61346	0.649053	0.747466	-1.33785	2.23133	14.2629	5.68186	1
cg13279700	C6orf10	0.136114	0.531467	0.668253	-1.49644	0.840102	0.879442	-1.13708	0.044544	0.230629	-4.33597	0.0662367	0.269771	-3.70684	0.162973	0.387894	-2.57802	0.016444	0.155015	-6.45099	0.441748	0.607249	-1.64677	0.18532	0.409333	-2.443	0.0655152	0.268604	-3.72295	2.23133	14.291	5.69308	1
cg25536676	DHCR24	0.136115	0.813838	0.954071	-1.04814	0.959384	1.0102	1.0102	0.217657	1.29498	1.29498	0.634537	0.908967	-1.10015	0.248629	1.27172	1.27172	0.405384	1.18492	1.18492	0.909177	0.977511	-1.02301	0.0620529	1.52005	1.52005	0.00709799	2.00027	2.00027	2.23132	1.40392	0.559279	1
cg10141844	PRLH	0.136116	0.842679	0.946009	-1.05707	0.958103	0.985433	-1.01478	0.00408822	0.34088	-2.93359	0.310249	0.745819	-1.34081	0.205885	0.688857	-1.45168	0.885199	1.04118	1.04118	0.36011	1.30057	1.30057	0.725637	0.906274	-1.10342	0.488561	0.821574	-1.21718	2.23131	2.75709	1.09834	1
cg09171672	RPS19BP1	0.136117	0.962093	1.00592	1.00592	0.21794	0.851302	-1.17467	0.806469	0.969971	-1.03096	0.465242	0.911818	-1.09671	0.821638	0.972342	-1.02844	0.749752	0.961029	-1.04055	0.0341519	1.35942	1.35942	0.819342	1.02882	1.02882	0.015438	1.4465	1.4465	2.23131	0.545267	0.217219	1
cg05438353	SLC39A7;SLC39A7;RXRB;RXRB	0.136117	0.06316	0.753601	-1.32696	0.128596	1.24898	1.24898	0.600778	1.07409	1.07409	0.0645077	1.3246	1.3246	0.334285	1.1443	1.1443	0.42466	1.11669	1.11669	0.493048	1.09881	1.09881	0.241108	1.1807	1.1807	0.0428885	1.37086	1.37086	2.2313	0.647512	0.257951	1
cg05528568	ZXDC;ZXDC	0.136118	0.9184	0.985493	-1.01472	0.512459	1.09936	1.09936	0.9524	1.00855	1.00855	0.0716652	0.750669	-1.33215	0.972185	1.00498	1.00498	0.275695	0.850698	-1.17551	0.0109636	0.63432	-1.57649	0.179739	1.22529	1.22529	0.657727	0.938396	-1.06565	2.23129	0.718568	0.286259	1
cg08347373	CD302	0.13612	0.115812	0.297643	-3.35973	0.0263346	0.154492	-6.47285	0.544506	0.647361	-1.54473	0.155828	0.340771	-2.93452	0.139066	0.323419	-3.09196	0.523822	0.632539	-1.58093	0.0835718	0.25723	-3.88756	0.0212244	0.140334	-7.12584	0.126881	0.310192	-3.22381	2.23128	17.7624	7.07609	1
cg10411126	SSH2	0.136121	0.115633	1.34631	1.34631	0.991644	1.00182	1.00182	0.0396567	1.51229	1.51229	0.388397	0.857532	-1.16614	0.403313	0.861833	-1.16032	0.0988418	1.36977	1.36977	0.0413308	1.50555	1.50555	0.89319	1.02363	1.02363	0.241602	1.23752	1.23752	2.23127	1.06825	0.425568	1
cg11293800	FBXW12;FBXW12;FBXW12	0.136123	0.03731	0.268379	-3.72607	0.305597	0.561399	-1.78126	0.196371	0.475467	-2.1032	0.107717	0.384697	-2.59945	0.0582154	0.311936	-3.20578	0.098207	0.372659	-2.68342	0.0681809	0.329079	-3.03878	0.0377074	0.269344	-3.71273	0.141964	0.423474	-2.36142	2.23126	10.4665	4.16965	1
cg10347998	GSK3B;GSK3B;GSK3B;GSK3B	0.136124	0.0444547	0.711454	-1.40557	0.436472	1.12423	1.12423	0.261603	1.18848	1.18848	0.214634	0.824735	-1.21251	0.51234	1.10298	1.10298	0.336138	1.15753	1.15753	0.101857	0.767868	-1.30231	0.518708	1.10131	1.10131	0.116859	1.28568	1.28568	2.23125	0.768852	0.306296	1
cg23064082	MPPED2	0.136126	0.294431	0.539626	-1.85313	0.179879	0.445746	-2.24343	0.0310991	0.238016	-4.20139	0.554249	0.712222	-1.40406	0.011254	0.165088	-6.05739	0.145584	0.412121	-2.42647	0.0788038	0.330453	-3.02615	0.491159	0.67254	-1.4869	0.254353	0.509061	-1.9644	2.23124	11.3721	4.53045	1
cg19434066	ANAPC5;ANAPC5	0.136131	0.108109	0.776231	-1.28828	0.0359339	1.42278	1.42278	0.259454	1.18529	1.18529	0.112963	0.779363	-1.2831	0.529075	1.09652	1.09652	0.911614	1.01617	1.01617	0.305611	0.857891	-1.16565	0.351837	1.14849	1.14849	0.267143	1.18181	1.18181	2.2312	0.737798	0.293932	1
cg19236679	GFRA1;GFRA1;GFRA1	0.136134	0.403905	0.718203	-1.39236	0.421819	0.727599	-1.37438	0.394075	1.40258	1.40258	0.0766805	2.14487	2.14487	0.638647	1.20118	1.20118	0.0930754	2.04627	2.04627	0.0336272	0.382225	-2.61626	0.30884	0.664859	-1.50408	0.853728	0.930973	-1.07414	2.23118	5.3074	2.11444	1
cg26656387	KLF12	0.136136	0.659762	0.904686	-1.10536	0.15835	0.711092	-1.40629	0.0292509	0.559481	-1.78737	0.611695	1.12271	1.12271	0.961312	0.989093	-1.01103	0.0304773	1.77703	1.77703	0.375626	1.22824	1.22824	0.685643	0.9121	-1.09637	0.572563	0.879045	-1.1376	2.23116	1.80638	0.719656	1
cg11036893	PGS1	0.136137	0.252304	1.23768	1.23768	0.100645	1.37805	1.37805	0.790252	1.04868	1.04868	0.952688	0.989475	-1.01064	0.0657176	1.44522	1.44522	0.0561847	1.47055	1.47055	0.19833	1.27432	1.27432	0.277438	0.817574	-1.22313	0.158278	0.764175	-1.3086	2.23115	1.12361	0.447646	1
cg18132624	BTBD6;BRF1	0.136138	0.549275	0.713717	-1.40112	0.0124462	5.647	5.647	0.0469517	3.54593	3.54593	0.723162	1.21893	1.21893	0.342743	0.580381	-1.72301	0.455966	1.52596	1.52596	0.795666	1.1554	1.1554	0.189429	2.16782	2.16782	0.662532	0.783153	-1.27689	2.23115	10.9478	4.3616	1
cg27301033	MAP3K7IP3	0.136144	0.0695825	0.171516	-5.83035	0.913517	1.09897	1.09897	0.82835	0.828098	-1.20759	0.128504	4.16702	4.16702	0.44091	0.505253	-1.97921	0.0846479	0.190767	-5.242	0.20761	0.315278	-3.17181	0.0639241	6.10407	6.10407	0.651857	0.673986	-1.48371	2.2311	26.6647	10.6235	1
cg00699807	ZBTB1;ZBTB1	0.136146	?	?	?	0.215385	3.09957	3.09957	0.496503	0.55121	-1.81419	0.894575	0.892145	-1.12089	?	?	?	0.0495697	0.13962	-7.16231	0.39835	2.11056	2.11056	0.0524298	6.9391	6.9391	0.348001	2.3057	2.3057	2.3934	21.3819	8.93371	1
cg14573356	STK24;STK24	0.136146	0.0822053	0.211313	-4.73232	0.0165598	0.0941377	-10.6227	0.425548	0.518461	-1.92879	0.533427	0.600971	-1.66397	0.0807069	0.209358	-4.77651	0.34667	0.457343	-2.18654	0.0371735	0.141848	-7.04978	0.136648	0.274043	-3.64906	0.116099	0.251917	-3.96955	2.23108	23.0285	9.17483	1
cg04963089	MIR598;XKR6	0.136147	0.112042	0.649905	-1.53869	0.573135	0.867807	-1.15233	0.292298	0.761778	-1.31272	0.223021	1.37557	1.37557	0.927937	1.02278	1.02278	0.87432	0.961346	-1.04021	0.0223298	1.9775	1.9775	0.0850796	1.60666	1.60666	0.752328	1.08203	1.08203	2.23108	2.1915	0.873123	1
cg26544870	SMAD6;SMAD6;SMAD6	0.136152	0.116265	0.685907	-1.45792	0.614936	0.894013	-1.11855	0.0222884	0.546074	-1.83125	0.0708364	0.640285	-1.5618	0.121473	0.690152	-1.44896	0.683357	1.09481	1.09481	0.0838687	0.655385	-1.52582	0.730356	1.07942	1.07942	0.611107	1.11993	1.11993	2.23104	1.72394	0.68685	1
cg13579112	C2CD4C	0.136152	0.275485	1.19742	1.19742	0.224499	0.816579	-1.22462	0.731761	1.05617	1.05617	0.0953776	1.33773	1.33773	0.432305	1.13572	1.13572	0.0331575	1.48513	1.48513	0.0553858	1.4118	1.4118	0.286034	0.838651	-1.19239	0.412851	1.14221	1.14221	2.23104	0.891195	0.35507	1
cg24192569	SDK1;SDK1	0.136153	0.859866	1.05669	1.05669	0.0095991	2.78213	2.78213	0.210328	0.66237	-1.50973	0.59783	1.18072	1.18072	0.586095	0.842337	-1.18717	0.300674	0.715576	-1.39748	0.96547	1.0136	1.0136	0.195409	0.652253	-1.53315	0.366148	1.33607	1.33607	2.23103	3.44092	1.37093	1
cg09876992	FAM109B	0.136153	0.904274	1.05929	1.05929	0.318343	0.610337	-1.63844	0.74056	1.17242	1.17242	0.355149	1.57674	1.57674	0.0531557	0.349311	-2.86278	0.795746	1.13223	1.13223	0.0223544	3.70749	3.70749	0.704241	1.20031	1.20031	0.152289	0.479945	-2.08357	2.23103	8.09797	3.2264	1
cg06128881	SLC9A7	0.136155	0.942571	0.956206	-1.0458	0.0734917	3.45691	3.45691	0.674486	0.769075	-1.30026	0.663202	0.761569	-1.31308	0.00807787	0.121399	-8.23733	0.459361	1.59724	1.59724	0.957773	0.967623	-1.03346	0.546454	0.684295	-1.46136	0.415948	0.596423	-1.67666	2.23102	13.652	5.43926	1
cg25535838	ARHGAP11B	0.136155	0.0131871	4.96376	4.96376	0.376439	1.58248	1.58248	0.789579	1.14427	1.14427	0.0829188	2.67152	2.67152	0.212234	1.94867	1.94867	0.737135	0.843854	-1.18504	0.928341	1.04635	1.04635	0.720212	1.19875	1.19875	0.028361	3.81262	3.81262	2.35228	9.25293	3.05946	1
cg16407044	OLFML2B	0.136156	0.383907	0.811974	-1.23157	0.244136	0.752559	-1.3288	0.262794	0.761572	-1.31307	0.807453	0.944629	-1.05862	0.295777	0.776523	-1.28779	0.954538	1.01339	1.01339	0.00910255	2.1664	2.1664	0.712029	0.917139	-1.09035	0.255619	0.758158	-1.31899	2.231	1.92307	0.766199	1
cg09922895	PDLIM1	0.136158	0.0326656	0.477554	-2.094	0.274465	0.714478	-1.39962	0.408706	0.778925	-1.28382	0.143596	0.628362	-1.59144	0.012339	0.398037	-2.51233	0.0917369	0.577553	-1.73144	0.290461	0.722982	-1.38316	0.901599	0.964088	-1.03725	0.141483	0.626585	-1.59595	2.23099	3.08887	1.23069	1
cg07971831	TXLNA	0.136161	0.124009	0.81751	-1.22323	0.437101	1.10064	1.10064	0.449015	0.9109	-1.09782	0.183066	0.842916	-1.18636	0.448819	0.910862	-1.09786	0.554612	1.07497	1.07497	0.0523846	1.30586	1.30586	0.044567	0.75654	-1.32181	0.600706	1.06596	1.06596	2.23097	0.517003	0.20599	1
cg00198759	LOC650623	0.136162	0.557069	0.861562	-1.16068	0.0900699	0.625791	-1.59798	0.372049	0.794573	-1.25854	0.261181	0.745268	-1.3418	0.934175	0.979487	-1.02094	0.863729	1.04404	1.04404	0.029473	1.90273	1.90273	0.810972	0.941653	-1.06196	0.0440465	0.559595	-1.78701	2.23096	2.22438	0.886265	1
cg01900006	FAM38A	0.136163	0.439698	0.865326	-1.15563	0.213155	0.786125	-1.27206	0.526042	0.88876	-1.12516	0.101022	0.719183	-1.39047	0.442528	0.86613	-1.15456	0.549276	0.894744	-1.11764	0.304168	1.21571	1.21571	0.16446	0.761662	-1.31292	0.00719277	0.528976	-1.89045	2.23096	1.19038	0.474289	1
cg15833657	CLEC2L	0.136163	0.360164	0.544985	-1.83491	0.693539	1.29116	1.29116	0.136248	2.8174	2.8174	0.166411	2.59102	2.59102	0.281429	2.05914	2.05914	0.0316836	5.07905	5.07905	0.117894	0.334347	-2.9909	0.114567	3.02627	3.02627	0.643599	1.35069	1.35069	2.23095	14.7095	5.86078	1
cg03433942	C3orf27	0.136164	0.189206	0.536483	-1.86399	0.382727	0.669796	-1.49299	0.25351	0.586302	-1.7056	0.120427	0.470401	-2.12585	0.0340239	0.33028	-3.02773	0.185115	0.53301	-1.87614	0.0163258	0.268584	-3.72324	0.0583966	0.38384	-2.60525	0.865398	0.926854	-1.07892	2.23095	7.08288	2.82207	1
cg25483907	ULK4	0.136165	0.958143	1.02261	1.02261	0.164986	1.8797	1.8797	0.644813	0.820548	-1.2187	0.745225	0.870293	-1.14904	0.0210676	0.306607	-3.26151	0.864167	1.07568	1.07568	0.224788	0.580841	-1.72164	0.181915	1.82892	1.82892	0.0775531	0.433463	-2.307	2.23094	6.41473	2.55587	1
cg27313674	LRRN4	0.13617	0.416959	0.701364	-1.42579	0.142301	0.509414	-1.96304	0.0828881	0.439926	-2.27311	0.900957	1.05468	1.05468	0.0372618	0.355633	-2.81189	0.477636	0.734375	-1.3617	0.0127589	0.266313	-3.75499	0.490301	0.741088	-1.34937	0.12432	0.490856	-2.03726	2.2309	6.46068	2.57422	1
cg07068956	ZAN;ZAN	0.136176	0.317818	0.442238	-2.26123	0.0518064	0.174002	-5.74705	0.0204871	0.110107	-9.08207	0.610251	0.666176	-1.50111	0.0649203	0.194394	-5.14421	0.179179	0.323834	-3.088	0.0484261	0.168336	-5.94049	0.128336	0.272837	-3.66519	0.196801	0.340174	-2.93967	2.23086	22.0605	8.79006	1
cg20501958	SIRT3;SIRT3	0.136178	0.982103	0.996188	-1.00383	0.662223	0.927893	-1.07771	0.766712	0.950607	-1.05196	0.279619	0.825828	-1.21091	0.324779	1.18901	1.18901	0.689509	1.07077	1.07077	0.00412019	1.92531	1.92531	0.857332	0.969827	-1.03111	0.828642	1.03759	1.03759	2.23084	1.02416	0.408082	1
cg16619991	ITGA1;PELO	0.13618	0.116096	0.459448	-2.17653	0.467218	1.4006	1.4006	0.174564	1.93028	1.93028	0.701625	0.839196	-1.19162	0.0296971	0.311786	-3.20732	0.467548	0.714166	-1.40023	0.0462503	0.35349	-2.82893	0.267619	0.591021	-1.69199	0.387141	0.667847	-1.49735	2.23082	7.32746	2.91968	1
cg12374775	SCAND2;SCAND2	0.136182	0.0157883	0.702045	-1.42441	0.143305	0.828507	-1.20699	0.489247	1.08766	1.08766	0.498226	0.921047	-1.08572	0.994183	1.00087	1.00087	0.335768	0.888052	-1.12606	0.886694	1.0172	1.0172	0.0253348	0.727604	-1.37437	0.252364	0.86674	-1.15375	2.23081	0.505498	0.201421	1
cg23268322	MYH14;MYH14;MYH14	0.136186	0.229945	1.22466	1.22466	0.162148	1.27144	1.27144	0.639291	1.07891	1.07891	0.218558	1.23148	1.23148	0.153047	1.27916	1.27916	0.21715	1.23235	1.23235	0.00755367	1.73844	1.73844	0.493498	0.894144	-1.11839	0.692863	0.938124	-1.06596	2.23078	0.914648	0.364456	1
cg03281393	DOCK9;DOCK9	0.136188	0.0870246	1.77608	1.77608	0.536029	0.826566	-1.20982	0.129416	0.607743	-1.64543	0.0328913	0.468374	-2.13505	?	?	?	0.734221	0.901602	-1.10914	0.402992	1.2971	1.2971	0.232552	1.46304	1.46304	0.883529	0.956421	-1.04556	2.25031	2.92686	1.30065	1
cg13940634	C7orf28A	0.136189	0.447011	1.24288	1.24288	0.236418	0.706071	-1.41629	0.110248	0.613662	-1.62956	0.0948672	1.67355	1.67355	0.0327602	0.49621	-2.01528	0.211006	0.690931	-1.44732	0.321304	1.33303	1.33303	0.85498	0.949969	-1.05267	0.99476	0.998159	-1.00184	2.23076	2.78058	1.10798	1
cg13252294	ATF4;ATF4	0.136193	0.303009	0.816557	-1.22465	0.116885	1.38205	1.38205	0.141142	1.35069	1.35069	0.405786	1.17534	1.17534	0.624243	1.09832	1.09832	0.116447	0.723232	-1.38268	0.226643	0.78574	-1.27269	0.0501611	0.654314	-1.52832	0.659492	0.919224	-1.08787	2.23073	1.27471	0.507942	1
cg01205935	DOCK9;DOCK9	0.136193	0.234218	2.3352	2.3352	0.022917	6.36568	6.36568	0.0311611	5.5848	5.5848	0.302367	2.06813	2.06813	0.383487	0.544562	-1.83634	0.558525	1.49537	1.49537	0.563433	0.672163	-1.48773	0.106779	3.3121	3.3121	0.444964	1.69822	1.69822	2.23072	16.3415	6.51169	1
cg23377693	MAD2L1BP;GTPBP2	0.136193	0.298846	0.825771	-1.21099	0.0730032	1.4269	1.4269	0.201445	1.27104	1.27104	0.932997	0.985162	-1.01506	0.479152	0.87994	-1.13644	0.880131	0.973529	-1.02719	0.0148707	0.587081	-1.70334	0.516199	1.12415	1.12415	0.69884	0.933218	-1.07156	2.23072	1.11665	0.444958	1
cg19554564	SNORD115-39	0.136194	0.0245778	0.233813	-4.27692	0.249668	0.5205	-1.92123	0.446727	0.656442	-1.52336	0.337921	0.584986	-1.70944	0.0175233	0.208225	-4.8025	0.146827	0.429511	-2.32823	0.231669	0.506178	-1.97559	0.0562022	0.309235	-3.23379	0.15805	0.440814	-2.26853	2.23071	10.4071	4.14698	1
cg06851207	PNMAL1;PNMAL1	0.136195	0.216493	0.553871	-1.80547	0.75811	1.15066	1.15066	0.364517	1.52701	1.52701	0.574914	1.29359	1.29359	0.101228	0.442511	-2.25983	0.769605	0.875094	-1.14273	0.252709	0.581151	-1.72072	0.0150571	0.257348	-3.88579	0.244156	1.73941	1.73941	2.23071	7.29133	2.90544	1
cg05750394	RNASEH2B;RNASEH2B	0.1362	0.00312545	5.03464	5.03464	0.362613	1.45394	1.45394	0.405112	1.40595	1.40595	0.772635	1.12286	1.12286	0.479384	1.33323	1.33323	0.614962	0.816387	-1.22491	0.951703	0.976063	-1.02452	0.674463	0.84453	-1.18409	0.824834	1.09272	1.09272	2.23067	5.65233	2.25237	1
cg20014942	FAM19A5;FAM19A5	0.136202	0.427763	0.728592	-1.37251	0.0484621	2.41496	2.41496	0.652059	0.83735	-1.19424	0.55656	0.7925	-1.26183	0.0804044	0.468393	-2.13496	0.825707	1.09008	1.09008	0.0200755	0.333877	-2.99511	0.997482	0.998767	-1.00123	0.772733	0.892929	-1.11991	2.23066	5.40341	2.15319	1
cg03455641	SNX8	0.136206	0.148032	1.6016	1.6016	0.290063	1.39554	1.39554	0.00722072	2.86414	2.86414	0.236731	1.45685	1.45685	0.884683	1.04503	1.04503	0.695068	0.887301	-1.12701	0.334099	0.739063	-1.35306	0.853554	0.945459	-1.05769	0.254807	1.43459	1.43459	2.23062	3.25461	1.29694	1
cg18489719	GFM2;NSA2;GFM2;GFM2	0.136207	0.00954435	0.386458	-2.5876	0.391722	1.28936	1.28936	0.0619538	0.544029	-1.83814	0.815685	0.93461	-1.06997	0.608298	0.860955	-1.1615	0.661425	0.880176	-1.13614	0.952833	1.01728	1.01728	0.234993	0.697323	-1.43406	0.356771	1.31588	1.31588	2.23062	2.96335	1.18088	1
cg15011409	ICAM5	0.136208	0.0426949	0.249431	-4.00913	0.620544	1.34584	1.34584	0.146873	2.52588	2.52588	0.275672	1.96386	1.96386	0.0612415	0.285013	-3.50862	0.672737	0.776583	-1.28769	0.0930168	0.332934	-3.0036	0.635663	0.752737	-1.32848	0.466306	0.643255	-1.55459	2.23061	12.5133	4.98652	1
cg06802573	SPSB3	0.13621	0.85057	1.07176	1.07176	0.297074	0.672182	-1.48769	0.243092	1.56648	1.56648	0.0844879	2.01617	2.01617	0.0536336	0.446975	-2.23726	0.0549483	2.22493	2.22493	0.243056	1.56653	1.56653	0.501551	1.28484	1.28484	0.887456	0.949298	-1.05341	2.2306	4.76974	1.90073	1
cg09077332	SOLH	0.136211	0.0493342	0.396048	-2.52495	0.349223	0.671755	-1.48864	0.0843473	0.45461	-2.19969	0.688086	1.1813	1.1813	0.318893	0.653573	-1.53005	0.0105396	0.264857	-3.77562	0.278532	0.628012	-1.59233	0.816936	1.10047	1.10047	0.326217	0.658035	-1.51968	2.23059	6.02191	2.39973	1
cg26232818	WIT1;WT1;WT1;WT1;WT1	0.136212	0.705011	0.834424	-1.19843	0.618781	0.787619	-1.26965	0.831561	0.903593	-1.10669	0.279809	0.585828	-1.70698	0.43335	0.683512	-1.46303	0.936078	1.03891	1.03891	0.274919	0.582377	-1.7171	0.00576759	5.59439	5.59439	0.622529	1.26637	1.26637	2.23058	8.0023	3.18893	1
cg10812439	ZMIZ1	0.136213	0.492881	0.61707	-1.62056	0.0439603	4.97687	4.97687	0.288761	2.14557	2.14557	0.684615	0.753459	-1.32721	0.339068	0.505052	-1.98	0.677766	0.748516	-1.33598	0.0163884	0.13085	-7.64235	0.936929	0.946616	-1.05639	0.527762	0.641796	-1.55813	2.23057	16.9766	6.76523	1
cg21508457	TRIM39;TRIM39	0.136214	0.0122969	0.148591	-6.72988	0.978234	1.01682	1.01682	0.785773	0.846541	-1.18128	0.156739	0.396055	-2.5249	0.0360617	0.225178	-4.44094	0.145693	0.38473	-2.59923	0.101813	0.334481	-2.9897	0.778885	0.841877	-1.18782	0.260505	0.4879	-2.0496	2.23057	13.2094	5.264	1
cg12098015	ZNF573	0.136214	0.541134	0.902525	-1.108	0.223195	1.23637	1.23637	0.266587	1.21154	1.21154	0.610498	1.08889	1.08889	0.651907	0.927479	-1.07819	0.175749	0.787672	-1.26956	0.0783724	0.723132	-1.38287	0.0525847	1.44101	1.44101	0.129036	1.3125	1.3125	2.23056	0.97093	0.38692	1
cg04533248	BCAS3;BCAS3;BCAS3;BCAS3	0.136215	0.438743	0.865103	-1.15593	0.742815	0.941375	-1.06228	0.380876	1.17929	1.17929	0.459811	1.14807	1.14807	0.266902	1.23643	1.23643	0.551593	0.895372	-1.11685	0.00736972	0.530678	-1.88438	0.271256	1.23386	1.23386	0.838035	0.963143	-1.03827	2.23056	1.18925	0.473924	1
cg04885068	SLC2A5;SLC2A5	0.136216	0.0417257	4.09477	4.09477	0.0571475	3.64156	3.64156	0.732259	1.22904	1.22904	0.395162	1.68705	1.68705	0.103294	2.91564	2.91564	0.607082	0.732344	-1.36548	0.743305	1.21817	1.21817	0.0175706	5.67008	5.67008	0.322731	1.84673	1.84673	2.23055	12.7406	5.07722	1
cg15604433	CDK16;CDK16;CDK16	0.136217	0.22577	0.601395	-1.6628	0.594439	1.23963	1.23963	0.752531	0.881223	-1.13479	0.395534	1.41599	1.41599	0.0774188	0.456257	-2.19175	0.801459	1.10597	1.10597	0.0158522	0.306907	-3.25832	0.17502	1.77997	1.77997	0.544187	0.782402	-1.27812	2.23054	5.64506	2.2496	1
cg14333454	SFN	0.136221	0.212616	1.28327	1.28327	0.474058	0.870812	-1.14835	0.50356	1.13766	1.13766	0.277332	0.806822	-1.23943	0.0811981	0.692606	-1.44382	0.193271	1.29896	1.29896	0.0262008	1.65054	1.65054	0.545409	1.1233	1.1233	0.583887	0.900244	-1.11081	2.23051	1.27519	0.508178	1
cg20917554	AKD1;FIG4;AKD1;AKD1;AKD1	0.136222	0.176868	1.42097	1.42097	0.0703667	1.64056	1.64056	0.477971	1.19312	1.19312	0.0884601	1.5841	1.5841	0.0107451	2.19133	2.19133	0.363452	0.795651	-1.25683	0.725887	1.08997	1.08997	0.943074	1.01763	1.01763	0.603064	1.13701	1.13701	2.2305	2.11616	0.843323	1
cg03223076	CELSR3	0.136225	0.154124	1.63009	1.63009	0.019678	2.46561	2.46561	0.9094	1.03713	1.03713	0.419465	1.30239	1.30239	0.0808313	1.85908	1.85908	0.0625358	1.95685	1.95685	0.0380979	2.15964	2.15964	0.16292	1.6113	1.6113	0.267834	1.44728	1.44728	2.23048	3.6238	1.44415	1
cg01623771	KLHL30	0.136225	0.121775	0.63365	-1.57816	0.237354	0.714105	-1.40035	0.171816	0.673233	-1.48537	0.365424	0.776501	-1.28783	0.0043725	0.355067	-2.81637	0.906141	0.968425	-1.0326	0.901112	1.03439	1.03439	0.886384	0.961858	-1.03965	0.864544	0.954618	-1.04754	2.23048	2.61381	1.04165	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08351607	SLC12A7	0.136226	0.339653	0.848084	-1.17913	0.674378	1.07331	1.07331	0.688029	0.934651	-1.06992	0.440911	1.14063	1.14063	0.821315	0.962832	-1.0386	0.682131	1.07138	1.07138	0.00449452	1.88547	1.88547	0.53955	1.1096	1.1096	0.387668	0.862217	-1.1598	2.23047	0.990308	0.394658	1
cg06089960	SSU72	0.136226	0.19366	0.464693	-2.15196	0.240175	0.503956	-1.9843	0.572828	0.727964	-1.37369	0.0808872	0.340086	-2.94043	0.0161176	0.193855	-5.15849	0.0831384	0.343358	-2.91241	0.105632	0.373435	-2.67784	0.902441	1.07072	1.07072	0.0602031	0.306926	-3.25811	2.23047	10.9685	4.37117	1
cg21192698	NFATC1;NFATC1;NFATC1;NFATC1	0.13623	0.043217	0.101674	-9.83536	0.351875	0.389949	-2.56444	0.400324	2.33092	2.33092	0.540792	0.544098	-1.8379	0.0440832	0.102913	-9.71693	0.712015	1.43975	1.43975	0.0834518	0.152068	-6.57599	0.107431	0.177799	-5.62433	0.0935679	0.163192	-6.12774	2.23044	34.1323	13.6026	1
cg08724866	WIBG;WIBG	0.136232	0.122004	0.6246	-1.60103	0.504018	0.826634	-1.20973	0.176354	0.667904	-1.49722	0.32064	0.74966	-1.33394	0.425606	0.795766	-1.25665	0.339678	1.31827	1.31827	0.0160071	2.28867	2.28867	0.700902	1.11446	1.11446	0.694138	1.11737	1.11737	2.23043	2.78515	1.10996	1
cg03102442	MTSS1	0.136236	0.106813	0.384269	-2.60235	0.503234	0.691408	-1.44632	0.288948	1.8184	1.8184	0.715144	0.819465	-1.22031	0.0575763	0.311454	-3.21075	0.237724	0.510759	-1.95787	0.0439059	0.284238	-3.51818	0.0334564	0.259304	-3.85648	0.844567	0.898862	-1.11252	2.2304	10.4234	4.15407	1
cg27365701	DUSP6;DUSP6	0.136238	0.644219	0.702168	-1.42416	0.03158	0.1471	-6.79809	0.0515038	0.185366	-5.39474	0.154519	0.313885	-3.18588	0.184367	2.9171	2.9171	0.858317	0.872959	-1.14553	0.132325	0.290861	-3.43807	0.118843	0.27605	-3.62253	0.968598	0.970512	-1.03038	2.23038	20.4217	8.13879	1
cg03908845	MCF2;MCF2;MCF2	0.13624	0.0256475	0.352503	-2.83686	0.0800049	0.465773	-2.14697	0.667622	0.843728	-1.18522	0.944277	0.972879	-1.02788	0.0246825	0.349183	-2.86383	0.27918	0.642392	-1.55668	0.331023	0.674006	-1.48367	0.474675	1.33105	1.33105	0.637191	1.20546	1.20546	2.23037	5.46536	2.17816	1
cg01566282	BIRC8	0.136243	0.723847	0.891126	-1.12218	0.00848781	0.335651	-2.97929	0.185037	0.633349	-1.57891	0.0889975	0.543636	-1.83947	0.957706	1.01738	1.01738	0.351777	0.732443	-1.36529	0.386797	1.3341	1.3341	0.174132	0.625144	-1.59963	0.248308	0.675606	-1.48015	2.23035	3.72948	1.48636	1
cg03067182	INTS1	0.136243	0.770818	0.92418	-1.08204	0.0325971	0.509096	-1.96427	0.486261	0.826155	-1.21043	0.577873	1.16387	1.16387	0.620631	0.873994	-1.14417	0.0989755	1.62951	1.62951	0.0343389	1.94715	1.94715	0.658808	0.886961	-1.12744	0.893483	1.03682	1.03682	2.23034	2.57394	1.02583	1
cg10768318	NANP	0.136244	0.778363	0.94063	-1.06312	0.144365	1.40513	1.40513	0.744069	0.931407	-1.07364	0.323049	1.24783	1.24783	0.501193	0.862358	-1.15961	0.00811801	0.479433	-2.0858	0.552742	0.877859	-1.13913	0.488657	0.858483	-1.16485	0.377349	1.21712	1.21712	2.23034	1.66202	0.662388	1
cg01302245	TP53AIP1	0.136248	0.478806	0.643544	-1.55389	0.0916557	0.320806	-3.11715	0.287262	0.508444	-1.96679	0.454561	0.627313	-1.5941	0.0651596	0.281541	-3.55188	0.203726	0.439903	-2.27323	0.00773364	0.123148	-8.1203	0.0876821	0.315386	-3.17072	0.332473	0.54225	-1.84417	2.2303	13.237	5.27561	1
cg21370491	FAM116A	0.136249	0.146943	0.73538	-1.35984	0.180561	1.32414	1.32414	0.241375	0.78493	-1.274	0.323953	1.22281	1.22281	0.836052	1.04177	1.04177	0.280068	0.801136	-1.24823	0.0890473	0.690518	-1.44819	0.0321694	0.609279	-1.64128	0.583566	1.11551	1.11551	2.2303	1.37729	0.548922	1
cg06835628	KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.13625	0.0463001	43.105	43.105	0.0323097	62.3329	62.3329	0.430731	3.76578	3.76578	0.141299	13.5731	13.5731	0.0713908	27.6553	27.6553	0.292308	6.05767	6.05767	0.11245	17.2713	17.2713	0.075618	26.066	26.066	0.056353	35.2502	35.2502	2.23029	96.0144	38.2669	1
cg20508187	LRRC4B	0.136254	0.776459	1.05121	1.05121	0.0126572	0.580604	-1.72234	0.843362	0.96589	-1.03531	0.451152	1.14417	1.14417	0.314683	1.20009	1.20009	0.266249	1.22533	1.22533	0.277112	1.21932	1.21932	0.941122	1.01304	1.01304	0.0914255	1.38552	1.38552	2.23026	1.087	0.433231	1
cg00315606	HNRNPA2B1;HNRNPA2B1	0.136255	0.992441	0.996013	-1.004	0.0395222	2.7296	2.7296	0.0498703	2.5683	2.5683	0.598217	1.25139	1.25139	0.737996	1.15209	1.15209	0.809773	0.9033	-1.10705	0.0413278	0.370668	-2.69783	0.619581	0.809733	-1.23498	0.443088	1.39067	1.39067	2.23026	6.28189	2.5037	1
cg10271880	ZDHHC22	0.136257	0.997655	1.00196	1.00196	0.00707267	10.1091	10.1091	0.050674	4.393	4.393	0.793817	1.19016	1.19016	0.653364	0.740479	-1.35048	0.237005	2.27833	2.27833	0.6842	0.76201	-1.31232	0.858128	1.12629	1.12629	0.791649	0.838642	-1.1924	2.23024	15.6039	6.21911	1
cg12924408	RABL4;RABL4	0.136257	0.446466	1.14006	1.14006	0.319691	1.1897	1.1897	0.491703	0.888723	-1.12521	0.960453	0.991659	-1.00841	0.716618	0.940281	-1.06351	0.785628	1.04713	1.04713	0.027906	0.644776	-1.55093	0.0520158	1.45266	1.45266	0.0979594	1.35886	1.35886	2.23024	1.00786	0.401696	1
cg12693702	MIR148A	0.136259	0.784752	1.04616	1.04616	0.00755668	1.76201	1.76201	0.730696	0.94464	-1.0586	0.543672	0.903649	-1.10662	0.30833	0.840465	-1.18982	0.213776	0.805918	-1.24082	0.47261	0.886553	-1.12796	0.66017	1.07565	1.07565	0.31443	0.842423	-1.18705	2.23022	0.959647	0.382482	1
cg11198596	LRIG1	0.13626	0.019856	0.169067	-5.91481	0.687281	0.774297	-1.29149	0.804405	0.854834	-1.16982	0.887708	1.09342	1.09342	0.0359302	0.213826	-4.67671	0.790998	1.18281	1.18281	0.97242	0.978383	-1.02209	0.695627	1.28214	1.28214	0.0378069	0.218149	-4.58401	2.23022	14.1135	5.62514	1
cg10777461	PEX14	0.136262	0.257859	1.7301	1.7301	0.622781	1.25885	1.25885	0.638158	0.802582	-1.24598	0.490658	1.3841	1.3841	0.2282	1.79897	1.79897	0.570959	1.30456	1.30456	0.007356	4.97219	4.97219	0.0329374	3.18406	3.18406	0.427436	1.45671	1.45671	2.2302	7.61372	3.0346	1
cg08266772	ZNF556	0.136263	0.0540881	0.546867	-1.8286	0.624266	0.872595	-1.14601	0.756259	0.917635	-1.08976	0.204012	1.44784	1.44784	0.0306155	0.495972	-2.01624	0.149593	1.53192	1.53192	0.321694	1.32661	1.32661	0.796633	1.0739	1.0739	0.698484	1.11345	1.11345	2.23019	2.69189	1.07291	1
cg09852607	GATA2;GATA2;GATA2	0.136264	0.363584	1.77606	1.77606	0.0270291	5.00543	5.00543	0.695304	1.27398	1.27398	0.815596	1.15455	1.15455	0.0936222	3.10902	3.10902	0.561268	1.43529	1.43529	0.149616	0.38659	-2.58672	0.325683	0.535637	-1.86694	0.0763229	3.36381	3.36381	2.23018	13.3671	5.32775	1
cg15264083	CCND2;CCND2	0.136265	0.456652	1.13196	1.13196	0.72208	0.943277	-1.06013	0.436735	1.13852	1.13852	0.212973	1.23919	1.23919	0.0908871	1.35599	1.35599	0.381784	1.15797	1.15797	0.0633953	1.40682	1.40682	0.104236	0.747956	-1.33698	0.0398436	1.47478	1.47478	2.23018	0.944302	0.376373	1
cg10965669	AXIN2	0.136267	0.48941	0.895841	-1.11627	0.636905	0.928228	-1.07732	0.14228	1.28029	1.28029	0.92266	1.01533	1.01533	0.608446	1.0843	1.0843	0.979783	1.00398	1.00398	0.00565367	1.7661	1.7661	0.151171	1.27245	1.27245	0.922809	0.984933	-1.0153	2.23016	0.866627	0.345416	1
cg23486701	SPTBN1;SPTBN1	0.136269	0.635264	1.2601	1.2601	0.0936542	2.44008	2.44008	0.347097	1.59749	1.59749	0.153083	2.09654	2.09654	0.392552	0.654557	-1.52775	0.0658388	2.71465	2.71465	0.18985	1.95786	1.95786	0.0130283	4.43949	4.43949	0.739056	1.17556	1.17556	2.23015	8.26856	3.29567	1
cg22182451	GRAMD2	0.136269	0.0958613	1.46447	1.46447	0.795223	1.05575	1.05575	0.376371	1.20846	1.20846	0.0109514	1.94643	1.94643	0.980238	0.994847	-1.00518	0.839687	1.04315	1.04315	0.339978	1.22768	1.22768	0.712845	1.08015	1.08015	0.0967216	0.683641	-1.46276	2.23015	1.53669	0.61249	1
cg24865779	IFNGR2	0.13627	0.265499	0.528235	-1.8931	0.0791704	0.34233	-2.92116	0.553649	0.719253	-1.39033	0.709364	0.813899	-1.22865	0.0821844	0.34676	-2.88384	0.201998	2.09797	2.09797	0.0507818	0.294048	-3.4008	0.0409442	0.273198	-3.66035	0.281343	0.540193	-1.85119	2.23014	10.6849	4.25877	1
cg22885000	MYO1B;MYO1B;MYO1B	0.136273	0.580636	0.8277	-1.20817	0.733206	1.12294	1.12294	0.342571	0.71793	-1.39289	0.344213	1.39123	1.39123	0.00400073	0.269589	-3.70934	0.751015	0.897735	-1.11391	0.925768	0.968912	-1.03209	0.64184	1.17204	1.17204	0.432646	0.76233	-1.31177	2.23012	4.05646	1.61684	1
cg14520214	MICALL2	0.136277	0.62327	1.21789	1.21789	0.0102796	3.62428	3.62428	0.35471	1.46093	1.46093	0.259943	0.626341	-1.59657	0.182714	0.569514	-1.75588	0.688996	1.17372	1.17372	0.143848	1.86867	1.86867	0.593233	1.23945	1.23945	0.766075	0.887995	-1.12613	2.23009	5.59874	2.23159	1
cg11025609	ATP2A2;ATP2A2;ATP2A2	0.136277	0.123089	0.416383	-2.40163	0.333092	1.6882	1.6882	0.788097	1.15177	1.15177	0.5902	1.32997	1.32997	0.0712459	0.347575	-2.87707	0.814418	0.883974	-1.13125	0.0698576	0.345346	-2.89565	0.0647336	2.9686	2.9686	0.39331	0.63215	-1.5819	2.23009	9.71599	3.87269	1
cg00223135	TP53BP1	0.136279	0.517286	0.878907	-1.13778	0.753864	1.06379	1.06379	0.224111	0.777956	-1.28542	0.25749	1.26154	1.26154	0.867581	0.967724	-1.03335	0.811332	1.04814	1.04814	0.0121916	1.84799	1.84799	0.55687	1.12392	1.12392	0.0509125	1.5484	1.5484	2.23007	1.36526	0.544179	1
cg14745925	FTSJ1;FTSJ1	0.136279	0.0132942	0.138423	-7.22423	0.397507	0.572097	-1.74796	0.887044	0.912453	-1.09595	0.0890965	3.34898	3.34898	0.320563	0.516031	-1.93787	0.169827	0.389626	-2.56656	0.525206	1.51439	1.51439	0.633636	1.36277	1.36277	0.817287	1.16088	1.16088	2.23007	14.6761	5.84977	1
cg23867494	TNFRSF4	0.136281	0.28824	0.651038	-1.53601	0.956548	1.02144	1.02144	0.415339	0.723179	-1.38278	0.302239	1.51594	1.51594	0.0329247	0.378646	-2.64099	0.162847	0.559947	-1.78588	0.0159881	0.31722	-3.15238	0.482138	0.757225	-1.32061	0.248922	0.625542	-1.59861	2.23006	5.35211	2.13332	1
cg07971143	AP2B1;AP2B1	0.136282	0.539719	0.922385	-1.08415	0.331502	0.877762	-1.13926	0.453176	0.905343	-1.10455	0.559868	1.07974	1.07974	0.190258	1.19783	1.19783	0.71575	0.953524	-1.04874	0.0172728	1.45851	1.45851	0.90037	0.983833	-1.01643	0.0683874	0.766809	-1.30411	2.23005	0.598091	0.238397	1
cg00710736	ZNF148	0.136283	0.712466	1.15929	1.15929	0.0101075	0.273689	-3.65379	0.116279	0.505859	-1.97683	0.946581	0.9736	-1.02712	0.225017	1.66335	1.66335	0.299056	1.53689	1.53689	0.435224	1.37421	1.37421	0.678631	0.846738	-1.181	0.992188	0.996098	-1.00392	2.23004	5.63095	2.24448	1
cg13383153	ZNF566;ZNF566;ZNF566;ZNF566;ZNF566;ZNF566;ZNF566	0.136289	0.311761	0.880478	-1.13575	0.0145961	0.693606	-1.44174	0.0595205	0.772054	-1.29525	0.146045	0.827104	-1.20904	0.337145	1.12791	1.12791	0.579757	0.934227	-1.0704	0.761621	1.0377	1.0377	0.169158	0.836793	-1.19504	0.786148	1.03363	1.03363	2.22999	0.522567	0.208299	1
cg20975030	RNF187	0.13629	0.388222	1.12936	1.12936	0.883782	0.98008	-1.02032	0.799072	0.965521	-1.03571	0.688559	0.946084	-1.05699	0.0404822	1.38471	1.38471	0.650003	0.939095	-1.06486	0.325412	1.14991	1.14991	0.613447	1.07258	1.07258	0.00811605	1.59397	1.59397	2.22999	0.668305	0.266391	1
cg17992161	SLC22A18AS;SLC22A18;SLC22A18;SLC22A18	0.13629	0.347528	1.1606	1.1606	0.928578	1.0139	1.0139	0.6673	1.06885	1.06885	0.650231	0.932125	-1.07282	0.00801886	1.68725	1.68725	0.744065	1.05174	1.05174	0.783864	0.958548	-1.04324	0.21366	0.817404	-1.22339	0.0851749	1.34052	1.34052	2.22999	0.837341	0.333771	1
cg22295787	ADRA1A;ADRA1A;ADRA1A;ADRA1A	0.136294	0.145695	25.8032	25.8032	0.122073	32.6887	32.6887	0.133217	29.0965	29.0965	0.159832	22.7662	22.7662	0.200642	16.6543	16.6543	0.850304	1.48164	1.48164	0.206888	15.9567	15.9567	0.0114687	721.781	721.781	0.0473939	112.165	112.165	2.22996	152.921	60.9563	1
cg11203670	MEPCE;ZCWPW1	0.136296	0.272514	2.46315	2.46315	0.322616	2.23484	2.23484	0.372837	2.05132	2.05132	0.0511754	0.163121	-6.13041	?	?	?	?	?	?	0.928004	1.07284	1.07284	0.420324	0.524434	-1.90682	0.0516461	0.163943	-6.09969	2.55944	18.1709	6.08532	1
cg20691720	OXER1;OXER1	0.136301	0.913803	1.04416	1.04416	0.242103	0.613509	-1.62997	0.143313	0.53386	-1.87315	0.430172	0.725174	-1.37898	0.00409741	0.215034	-4.65043	0.610559	1.22748	1.22748	0.847199	0.925905	-1.08002	0.946127	0.973394	-1.02733	0.421102	0.720381	-1.38815	2.2299	5.624	2.24185	1
cg20568045	THBS2	0.136302	0.564563	0.910017	-1.09888	0.742199	0.947958	-1.0549	0.611902	1.08637	1.08637	0.767231	1.04923	1.04923	0.91324	0.982509	-1.0178	0.113747	1.32129	1.32129	0.00622996	1.78123	1.78123	0.190088	1.25193	1.25193	0.182223	1.25763	1.25763	2.22989	0.925796	0.369045	1
cg06527535	PTPRN2;PTPRN2;PTPRN2	0.136304	0.106896	3.49521	3.49521	0.293597	2.16958	2.16958	0.899399	1.09409	1.09409	0.122656	3.28453	3.28453	0.103613	0.282119	-3.54461	0.0765646	4.05728	4.05728	0.126455	3.23931	3.23931	0.0791458	3.99795	3.99795	0.247699	2.3613	2.3613	2.22988	17.8504	7.11562	1
cg09308613	SPIRE2	0.136304	0.603898	0.751314	-1.331	0.792633	0.865942	-1.15481	0.110966	2.58225	2.58225	0.252288	0.520323	-1.92188	0.0161927	0.20051	-4.98728	0.0749099	0.33836	-2.95543	0.871811	0.915559	-1.09223	0.55431	1.38648	1.38648	0.320789	0.570972	-1.7514	2.22988	10.5402	4.20161	1
cg08835985	PDF;COG8	0.136306	0.219815	0.302293	-3.30805	0.0521561	7.75353	7.75353	0.0331023	10.076	10.076	0.781447	1.29419	1.29419	0.528513	0.553166	-1.80778	0.878403	0.867655	-1.15253	0.661555	0.664673	-1.5045	0.100641	0.188723	-5.29878	0.599195	0.611558	-1.63517	2.22986	30.3643	12.1041	1
cg03814957	CSF1R	0.136307	0.692185	1.08483	1.08483	0.699676	1.08255	1.08255	0.371153	1.20672	1.20672	0.801101	0.949657	-1.05301	0.0751661	0.666673	-1.49999	0.606405	0.899115	-1.11221	0.0337979	1.66056	1.66056	0.0325338	1.66866	1.66866	0.98171	0.99532	-1.0047	2.22986	1.47875	0.589473	1
cg03893701	NMNAT3	0.136307	0.0614596	0.563866	-1.77347	0.094654	0.606807	-1.64797	0.0228626	0.476877	-2.09697	0.279475	1.35766	1.35766	0.175973	0.676194	-1.47887	0.810961	1.06733	1.06733	0.843319	0.947608	-1.05529	0.355842	0.772385	-1.29469	0.153717	0.660113	-1.51489	2.22986	2.61165	1.04108	1
cg10866755	ZNF385B;MIR1258	0.13631	0.931203	0.98835	-1.01179	0.381594	1.12951	1.12951	0.00507912	1.65312	1.65312	0.812038	0.968187	-1.03286	0.536013	1.08877	1.08877	0.421748	1.11782	1.11782	0.158819	0.815141	-1.22678	0.973312	1.00455	1.00455	0.562159	1.08278	1.08278	2.22983	0.650439	0.259288	1
cg09493150	DUSP1	0.136312	0.115125	0.223153	-4.48122	0.23964	0.340254	-2.93898	0.844774	0.842295	-1.18723	0.273883	0.369032	-2.7098	0.12597	0.23466	-4.26148	0.399078	0.469607	-2.12944	0.0196431	11.7977	11.7977	0.27868	0.373	-2.68097	0.8597	0.856498	-1.16755	2.22982	27.0713	10.7916	1
cg13838832	C9orf98	0.136315	0.349652	1.37906	1.37906	0.663751	0.864132	-1.15723	0.0247609	0.409702	-2.4408	0.382343	0.741493	-1.34863	0.0318116	0.431706	-2.31639	0.402676	0.751329	-1.33097	0.0394584	0.45147	-2.21499	0.603982	0.839719	-1.19087	0.583297	0.831146	-1.20316	2.2298	3.93583	1.56898	1
cg03729857	FGF18	0.136317	0.313266	0.695096	-1.43865	0.338223	1.41095	1.41095	0.136166	1.75059	1.75059	0.966595	1.01471	1.01471	0.0168212	0.36159	-2.76556	0.376804	1.37198	1.37198	0.322554	0.70024	-1.42808	0.187669	0.614529	-1.62726	0.592659	1.20721	1.20721	2.22978	4.29436	1.71192	1
cg25487404	ZNF703	0.136318	0.0948612	0.499863	-2.00055	0.44051	0.74293	-1.34602	0.324852	1.46824	1.46824	0.258286	0.640443	-1.56142	0.0291943	0.378789	-2.63999	0.067194	0.460737	-2.17044	0.863193	0.936925	-1.06732	0.0487447	0.427291	-2.34033	0.99013	1.00468	1.00468	2.22977	5.0396	2.00901	1
cg04290666	WNT8B	0.13632	0.234863	0.530997	-1.88325	0.382382	0.63418	-1.57684	0.451615	0.677135	-1.47681	0.276192	0.562234	-1.77862	0.147898	0.454205	-2.20165	0.173454	0.478881	-2.0882	0.0168731	0.227181	-4.40178	0.0326841	0.280658	-3.56305	0.0385101	0.29561	-3.38283	2.22976	9.12708	3.63849	1
cg03121538	DOC2A	0.136321	0.997627	1.00111	1.00111	0.985023	0.99304	-1.00701	0.456803	1.32573	1.32573	0.827269	0.921909	-1.08471	0.0159073	0.333333	-3.00001	0.0464109	0.427924	-2.33686	0.387719	1.39014	1.39014	0.773961	0.8984	-1.11309	0.186268	1.68432	1.68432	2.22975	4.88879	1.94891	1
cg12154749	MIR1256	0.136322	0.798796	1.10608	1.10608	0.200665	0.586546	-1.7049	0.898197	1.05182	1.05182	0.0382517	0.387563	-2.58022	0.00861794	0.266554	-3.75158	0.670603	1.18397	1.18397	0.841321	1.08234	1.08234	0.624585	0.823102	-1.21492	0.437622	0.731593	-1.36688	2.22974	5.50191	2.19334	1
cg01292299	SERGEF	0.136323	0.0284058	0.370276	-2.70069	0.181033	0.57961	-1.7253	0.783743	0.899735	-1.11144	0.67445	0.850229	-1.17615	0.067148	0.454757	-2.19897	0.437833	0.737903	-1.35519	0.0217616	0.347249	-2.87978	0.612414	1.21678	1.21678	0.140741	0.544158	-1.8377	2.22973	5.20868	2.07645	1
cg21688941	RANBP9	0.136324	0.4707	0.809388	-1.2355	0.0477767	1.91989	1.91989	0.130892	1.60012	1.60012	0.685954	1.12429	1.12429	0.0826339	0.574664	-1.74015	0.245938	0.704891	-1.41866	0.128065	0.622436	-1.60659	0.537114	0.835183	-1.19734	0.449663	0.800908	-1.24858	2.22972	2.93297	1.16924	1
cg24586554	KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.136326	0.29898	0.633367	-1.57886	0.0438923	0.374353	-2.67127	0.0369957	0.357856	-2.79442	0.383611	1.46087	1.46087	0.201245	0.564051	-1.77289	0.696753	1.18075	1.18075	0.100213	0.465762	-2.14702	0.354225	1.49835	1.49835	0.345208	0.662022	-1.51052	2.22971	6.35615	2.53392	1
cg02978297	BCAR3	0.13633	0.797081	1.08649	1.08649	0.720608	0.890814	-1.12257	0.120006	0.580992	-1.72119	0.309743	0.712905	-1.40271	0.863546	0.946126	-1.05694	0.13997	1.66738	1.66738	0.407191	1.31385	1.31385	0.799837	1.08524	1.08524	0.0110149	0.358168	-2.79198	2.22968	3.66016	1.45917	1
cg12475182	GTF2H4	0.13633	0.304809	0.700698	-1.42715	0.230338	0.65626	-1.52379	0.556294	0.819409	-1.22039	0.633714	0.851569	-1.1743	0.0513266	0.475856	-2.10148	0.815827	0.92488	-1.08122	0.00728608	0.314	-3.18472	0.071475	0.509813	-1.9615	0.277568	0.68527	-1.45928	2.22968	3.95599	1.5771	1
cg00519002	MT1E	0.13633	0.0329257	39.5095	39.5095	0.0925376	15.3043	15.3043	0.819744	0.714359	-1.39986	0.287299	5.09484	5.09484	0.414162	0.292232	-3.42193	0.60138	2.17449	2.17449	0.0518483	26.0659	26.0659	0.921516	1.15631	1.15631	0.0468324	28.6092	28.6092	2.22968	76.6942	30.5751	1
cg15610027	DTNA;DTNA;DTNA;DTNA	0.136331	0.929725	1.0259	1.0259	0.7919	1.07966	1.07966	0.0773811	1.76658	1.76658	0.0395168	1.99406	1.99406	0.857064	0.949086	-1.05365	0.275383	0.719716	-1.38944	0.623567	0.866426	-1.15417	0.337041	0.750599	-1.33227	0.0371459	2.01641	2.01641	2.22967	2.96658	1.18267	1
cg05265988	TRIM52	0.136332	0.22187	0.749553	-1.33413	0.710321	0.919643	-1.08738	0.767489	1.06884	1.06884	0.208524	1.34675	1.34675	0.416916	0.830043	-1.20476	0.946357	1.01522	1.01522	0.00496463	0.433816	-2.30512	0.667746	0.907594	-1.10181	0.967982	0.991028	-1.00905	2.22967	1.78027	0.709729	1
cg05445772	NSMCE2	0.136332	0.323513	0.666511	-1.50035	0.0228945	0.338562	-2.95367	0.155378	0.546131	-1.83106	0.636732	0.82756	-1.20837	0.142194	0.533783	-1.87342	0.25957	0.626295	-1.59669	0.326032	0.668008	-1.49699	0.0657201	2.27427	2.27427	0.48551	0.754291	-1.32575	2.22967	5.58995	2.22851	1
cg06365270	TNXB	0.136332	0.100891	0.369719	-2.70476	0.01502	0.191003	-5.23553	0.213213	0.483873	-2.06666	0.402849	0.622446	-1.60656	0.0557323	0.301067	-3.32152	0.149159	0.424584	-2.35525	0.139889	0.414939	-2.40999	0.0481419	0.286284	-3.49303	0.321868	0.567373	-1.76251	2.22967	10.8298	4.31744	1
cg17714861	PRKAG2;PRKAG2	0.136332	0.319098	2.00346	2.00346	0.0071238	10.4409	10.4409	0.261824	0.454004	-2.20262	0.524658	1.54509	1.54509	0.264409	0.456108	-2.19246	0.382574	1.82998	1.82998	0.296746	2.07528	2.07528	0.508832	1.57192	1.57192	0.639041	1.3755	1.3755	2.22967	16.0829	6.41168	1
cg12134570	LYL1;LYL1	0.136332	0.911698	1.04185	1.04185	0.279773	1.51477	1.51477	0.785657	0.904162	-1.106	0.0988923	0.512369	-1.95172	0.119632	0.535743	-1.86657	0.345211	1.43233	1.43233	0.0142447	0.327144	-3.05676	0.730134	1.13653	1.13653	0.724218	1.13988	1.13988	2.22966	4.82341	1.92292	1
cg00590134	LOC145814;LOC145814	0.136333	0.10259	0.527357	-1.89625	0.778248	0.90381	-1.10643	0.0741134	0.490182	-2.04006	0.779444	0.904319	-1.1058	0.00642673	0.280874	-3.56032	0.134765	0.561232	-1.78179	0.693058	0.867521	-1.15271	0.269286	0.662235	-1.51004	0.292669	0.676323	-1.47858	2.22966	4.53178	1.80666	1
cg27496296	BAHCC1	0.136333	0.0297362	0.550016	-1.81813	0.0927643	1.54067	1.54067	0.266381	1.31076	1.31076	0.459418	0.838603	-1.19246	0.884429	0.966584	-1.03457	0.887664	1.03358	1.03358	0.0761427	0.630572	-1.58586	0.192461	0.724444	-1.38037	0.995314	0.998629	-1.00137	2.22966	1.92819	0.768704	1
cg00139947	TOP1MT	0.13634	0.408319	1.58926	1.58926	0.708218	1.22867	1.22867	0.231475	0.50284	-1.9887	0.904034	1.0683	1.0683	0.133158	0.411704	-2.42893	0.108651	0.383459	-2.60784	0.0121658	0.180562	-5.53827	0.366945	0.601884	-1.66145	0.129637	0.407844	-2.45192	2.22961	10.5954	4.22411	1
cg09235050	TUBB1	0.136341	0.153781	0.618777	-1.61609	0.0122162	0.374785	-2.6682	0.0424872	0.479822	-2.0841	0.507092	0.809321	-1.2356	0.295308	0.710953	-1.40656	0.236311	0.677014	-1.47708	0.829481	1.07015	1.07015	0.0986809	0.565994	-1.7668	0.13467	0.602313	-1.66027	2.2296	3.48904	1.391	1
cg12954385	POFUT2;POFUT2;POFUT2	0.136341	0.214834	0.695859	-1.43707	0.233325	0.706788	-1.41485	0.152235	0.653183	-1.53096	0.38732	0.781863	-1.279	0.797637	0.931132	-1.07396	0.928795	1.02513	1.02513	0.137902	1.5584	1.5584	0.233491	1.41466	1.41466	0.0203751	0.46008	-2.17353	2.2296	2.72323	1.08569	1
cg07583894	RTBDN;RTBDN	0.136342	0.190578	0.33316	-3.00156	0.811188	0.827137	-1.20899	0.219889	0.359525	-2.78145	0.893317	0.899062	-1.11227	0.095521	0.234062	-4.27238	0.0498745	0.169713	-5.89232	0.5341	0.606923	-1.64766	0.0333931	7.18056	7.18056	0.781258	0.801922	-1.247	2.22959	22.2059	8.85301	1
cg09813400	TNIP1	0.136344	0.969508	1.00725	1.00725	0.222252	0.784641	-1.27447	0.456544	0.866436	-1.15415	0.976438	1.0056	1.0056	0.0410724	0.64039	-1.56155	0.103078	1.40095	1.40095	0.448807	1.15712	1.15712	0.0671157	1.47401	1.47401	0.284035	0.810241	-1.2342	2.22958	1.2623	0.503254	1
cg02099548	PL-5283	0.136345	0.198591	0.838394	-1.19276	0.0488423	0.746863	-1.33893	0.505058	1.09172	1.09172	0.86241	1.02276	1.02276	0.132443	1.23448	1.23448	0.706635	1.05028	1.05028	0.0288482	0.71578	-1.39708	0.44219	0.903329	-1.10702	0.335196	0.879025	-1.13762	2.22957	0.594415	0.236983	1
cg22676023	VPS13D;VPS13D	0.136345	0.514375	0.712698	-1.40312	0.13567	2.27898	2.27898	0.836862	1.11139	1.11139	0.236091	1.88885	1.88885	0.244359	0.535873	-1.86611	0.35711	0.615613	-1.6244	0.014422	0.213402	-4.686	0.448062	1.48594	1.48594	0.398379	0.642168	-1.55723	2.22956	9.26518	3.69387	1
cg01405821	TTL	0.13635	0.11118	0.64299	-1.55524	0.304795	0.763031	-1.31056	0.397223	0.802022	-1.24685	0.117902	0.649127	-1.54053	0.211057	0.715084	-1.39844	0.112621	0.644329	-1.552	0.0307579	1.90736	1.90736	0.986325	0.995648	-1.00437	0.944328	0.982383	-1.01793	2.22953	2.28708	0.911833	1
cg02338191	AP4E1	0.136356	0.0239461	0.57037	-1.75325	0.726478	1.07594	1.07594	0.0744374	1.51323	1.51323	0.861398	1.03709	1.03709	0.73633	1.07298	1.07298	0.620932	0.901318	-1.10949	0.0488364	0.625701	-1.59821	0.609092	0.89808	-1.11349	0.598634	1.11707	1.11707	2.22948	1.53386	0.611544	1
cg23839074	ALDH5A1;ALDH5A1	0.136358	0.357888	0.799976	-1.25004	0.581762	1.14032	1.14032	0.69176	0.910227	-1.09863	0.126507	0.676942	-1.47723	0.345644	0.795124	-1.25767	0.60181	1.13232	1.13232	0.0125503	0.480539	-2.081	0.0602616	0.606411	-1.64905	0.11952	0.671167	-1.48994	2.22947	1.96731	0.784366	1
cg15063116	CIDEA;CIDEA;CIDEA	0.136363	0.898445	1.03096	1.03096	0.355191	0.796853	-1.25494	0.388143	0.809626	-1.23514	0.502793	0.850124	-1.1763	0.698542	0.911266	-1.09737	0.38096	0.806895	-1.23932	0.0331278	0.551708	-1.81255	0.14387	1.45487	1.45487	0.0425518	1.7464	1.7464	2.22943	2.01286	0.802539	1
cg13489479	C20orf196;C20orf196	0.136363	0.0532437	7.61355	7.61355	0.239333	2.9332	2.9332	?	?	?	?	?	?	0.661333	1.45485	1.45485	0.0733326	0.161795	-6.18068	0.418276	0.491361	-2.03516	0.60165	1.56632	1.56632	0.186861	0.291708	-3.42808	2.81243	22.8092	5.79295	1
cg13411506	MCF2L;MCF2L	0.136367	0.947114	1.05025	1.05025	0.027779	6.83748	6.83748	0.0202967	7.91038	7.91038	0.704374	1.32546	1.32546	0.20438	0.371591	-2.69113	0.754329	0.792918	-1.26117	0.832223	1.16977	1.16977	0.339587	0.483105	-2.06994	0.795563	1.21157	1.21157	2.2294	19.2906	7.69139	1
cg19163367	TMOD2;TMOD2	0.136368	0.179692	1.42041	1.42041	0.10618	1.54424	1.54424	0.318006	1.28941	1.28941	0.370524	1.25415	1.25415	0.0890592	0.630133	-1.58697	0.742055	0.921881	-1.08474	0.0215402	1.97356	1.97356	0.295506	1.30625	1.30625	0.959503	0.987573	-1.01258	2.2294	2.14144	0.853819	1
cg13906571	PPIC;PPIC	0.136369	0.867538	1.06455	1.06455	0.0644296	2.17823	2.17823	0.0385247	2.45528	2.45528	0.588202	0.814767	-1.22735	0.227801	0.622256	-1.60706	0.633699	0.835354	-1.1971	0.378277	0.712659	-1.4032	0.889463	0.949224	-1.05349	0.0586068	2.22685	2.22685	2.22939	4.95822	1.97691	1
cg03471895	MAP3K9	0.136369	0.0184312	0.32569	-3.0704	0.323017	0.669964	-1.49262	0.761484	0.887409	-1.12688	0.461714	1.34178	1.34178	0.21047	0.595851	-1.67827	0.417886	1.38378	1.38378	0.524794	1.28772	1.28772	0.48918	0.759061	-1.31742	0.0736052	2.18715	2.18715	2.22938	5.43589	2.16737	1
cg03252829	KCNK17;KCNK17;KCNK17;KCNK17	0.136375	0.0806987	3.09737	3.09737	0.433419	1.59448	1.59448	0.364423	1.7228	1.7228	0.327704	1.8034	1.8034	0.800169	1.15956	1.15956	0.65632	1.29875	1.29875	0.431257	0.625731	-1.59813	0.00590546	8.18326	8.18326	0.197071	2.21648	2.21648	2.22934	12.0273	4.79556	1
cg04668164	SMAP2	0.136381	0.437586	0.792232	-1.26226	0.0230952	2.22337	2.22337	0.0416087	1.99558	1.99558	0.213929	1.46944	1.46944	0.270997	1.40084	1.40084	0.11393	1.65834	1.65834	0.582683	0.849407	-1.17729	0.636906	1.1501	1.1501	0.150344	1.57375	1.57375	2.2293	3.05432	1.21785	1
cg08528826	KLRG2	0.136382	0.634676	0.89015	-1.12341	0.76067	1.0771	1.0771	0.823905	1.05568	1.05568	0.719282	0.915998	-1.09171	0.89464	1.03274	1.03274	0.556971	0.865533	-1.15536	0.494696	0.844872	-1.18361	0.00598586	2.39493	2.39493	0.0858613	1.58639	1.58639	2.22929	2.08661	0.831997	1
cg05722035	ARHGEF3	0.136382	0.277136	0.400942	-2.49412	0.00635906	0.0565867	-17.672	0.0588452	0.178095	-5.61499	0.87696	1.13346	1.13346	0.179469	0.31571	-3.16746	0.329171	0.442947	-2.25761	0.365528	0.471531	-2.12075	0.585068	0.640301	-1.56177	0.742525	1.30546	1.30546	2.22929	23.0843	9.20444	1
cg15896259	ENTPD4;ENTPD4	0.136384	0.038789	0.300894	-3.32343	0.0843295	0.383492	-2.60762	0.130103	0.440139	-2.27201	0.421519	0.662232	-1.51005	0.0209383	0.247941	-4.03322	0.771174	0.863832	-1.15763	0.0817559	0.379774	-2.63315	0.643084	1.26393	1.26393	0.513924	0.717309	-1.3941	2.22928	8.89497	3.54673	1
cg23666170	PLK1S1;PLK1S1;PLK1S1	0.136385	0.34804	1.34089	1.34089	0.0591618	1.90953	1.90953	0.0114553	2.61314	2.61314	0.102138	1.72143	1.72143	0.954264	0.982737	-1.01757	0.919969	0.969948	-1.03098	0.387365	0.76414	-1.30866	0.918275	0.96932	-1.03165	0.894165	0.960394	-1.04124	2.22927	3.25453	1.2977	1
cg00747477	ACCN1;ACCN1	0.136385	0.163171	0.525802	-1.90186	0.279861	1.62447	1.62447	0.734024	0.863041	-1.15869	0.885725	1.06408	1.06408	0.0257706	0.318679	-3.13795	0.966085	1.01853	1.01853	0.39749	1.45379	1.45379	0.0256791	0.318372	-3.14098	0.824331	0.908448	-1.10078	2.22926	6.58562	2.62593	1
cg17387122	MICAL3;MICAL3;MICAL3	0.136392	0.0975146	0.436673	-2.29004	0.532877	1.33354	1.33354	0.274192	0.595413	-1.67951	0.432252	0.69403	-1.44086	0.0122145	0.241032	-4.14882	0.800317	0.890922	-1.12243	0.400817	0.675773	-1.47979	0.107937	0.449631	-2.22404	0.282583	1.66333	1.66333	2.22921	7.33184	2.92354	1
cg08359336	SH3BP5;SH3BP5	0.136393	0.170532	1.90398	1.90398	0.0673639	2.47042	2.47042	0.554196	1.3021	1.3021	0.216185	1.77578	1.77578	0.12068	2.1014	2.1014	0.115344	2.12828	2.12828	0.0107916	4.10822	4.10822	0.104372	2.18865	2.18865	0.138487	2.02117	2.02117	2.2292	6.87286	2.74053	1
cg14437446	KIAA0020	0.136394	0.589139	0.843128	-1.18606	0.502453	0.808159	-1.23738	0.488346	0.802275	-1.24646	0.666338	0.873058	-1.1454	0.0138262	0.385928	-2.59116	0.399944	1.3095	1.3095	0.286539	0.707271	-1.41388	0.211938	1.50906	1.50906	0.0506685	0.498144	-2.00745	2.2292	3.45757	1.3787	1
cg20547429	SMOC2;SMOC2	0.136399	0.542177	0.886312	-1.12827	0.253799	0.792073	-1.26251	0.0140158	0.55245	-1.81012	0.968161	0.992223	-1.00784	0.980821	0.995309	-1.00471	0.633464	1.09853	1.09853	0.0401691	1.59007	1.59007	0.459988	0.863168	-1.15852	0.842255	0.961775	-1.03974	2.22916	1.35076	0.538622	1
cg24032752	TUSC4;CYB561D2	0.1364	0.184375	1.39006	1.39006	0.0108118	2.11451	2.11451	0.432294	1.20618	1.20618	0.344479	1.2558	1.2558	0.910291	0.97398	-1.02671	0.471195	0.842444	-1.18702	0.519683	0.858417	-1.16493	0.153119	0.699174	-1.43026	0.605643	0.885302	-1.12956	2.22915	1.93169	0.770274	1
cg25456144	CD82;CD82	0.1364	0.462183	0.887191	-1.12715	0.69068	0.938037	-1.06606	0.158556	0.785822	-1.27255	0.483487	1.12062	1.12062	0.147794	0.780102	-1.28188	0.430306	1.13739	1.13739	0.116866	1.31316	1.31316	0.0322728	1.49325	1.49325	0.221306	1.22826	1.22826	2.22915	0.902899	0.360037	1
cg15058894	SWAP70	0.136401	0.246612	2.8816	2.8816	0.0519453	6.90103	6.90103	0.141912	3.97247	3.97247	0.124771	4.27006	4.27006	0.679733	1.43709	1.43709	0.0744971	5.67295	5.67295	0.090736	5.09294	5.09294	0.0194824	11.7842	11.7842	0.102055	4.77389	4.77389	2.22915	26.9388	10.7421	1
cg05351750	WFIKKN1	0.136408	0.979232	1.01042	1.01042	0.0109425	3.56796	3.56796	0.113421	1.98601	1.98601	0.815944	1.09732	1.09732	0.505163	1.30909	1.30909	0.739202	1.14234	1.14234	0.789695	0.899	-1.11235	0.026417	2.8533	2.8533	0.247119	1.61934	1.61934	2.22909	5.60093	2.23347	1
cg27131908	NLRP7;NLRP7;NLRP7	0.136408	0.184114	0.460904	-2.16965	0.586514	0.739401	-1.35245	0.138618	0.416261	-2.40234	0.262008	0.52572	-1.90215	0.65156	0.778864	-1.28392	0.358487	0.595061	-1.6805	0.00357761	0.114261	-8.75187	0.968603	1.02187	1.02187	0.628663	0.764983	-1.30722	2.22909	10.6696	4.2547	1
cg18948488	FLJ41350	0.136408	0.0331524	7.94356	7.94356	0.0552025	6.10241	6.10241	0.64933	0.683235	-1.46362	0.288892	0.400077	-2.49952	0.601143	0.644744	-1.551	0.434963	0.515382	-1.94031	0.230612	0.351172	-2.84761	0.198307	3.09964	3.09964	0.420438	1.98361	1.98361	2.22909	24.4449	9.74787	1
cg11385013	LOC729991-MEF2B;MEF2B;LOC729991-MEF2B;LOC729991-MEF2B	0.136409	0.301035	0.811628	-1.23209	0.0598332	1.51225	1.51225	0.199684	1.30199	1.30199	0.165416	1.33397	1.33397	0.188151	0.762146	-1.31209	0.687482	1.08195	1.08195	0.174939	0.755031	-1.32445	0.121419	0.721042	-1.38688	0.603297	1.10751	1.10751	2.22909	1.33925	0.53405	1
cg05761882	CAPN2;CAPN2	0.136409	0.0705325	0.359589	-2.78096	0.573234	0.749737	-1.3338	0.575536	0.75106	-1.33145	0.271963	0.560638	-1.78368	0.0488299	0.320302	-3.12205	0.22577	0.525329	-1.90357	0.0168955	0.228829	-4.37008	0.0611432	0.343764	-2.90897	0.102299	0.40462	-2.47146	2.22908	9.04072	3.60516	1
cg24110177	RBM5	0.136424	0.910177	0.970486	-1.03041	0.00446878	0.365487	-2.73608	0.268368	0.736359	-1.35803	0.935049	0.978596	-1.02187	0.508551	1.19487	1.19487	0.582892	0.863096	-1.15862	0.349837	1.29107	1.29107	0.881901	0.961306	-1.04025	0.598661	1.15142	1.15142	2.22897	2.48771	0.992075	1
cg08279131	RUNDC3A;RUNDC3A;RUNDC3A	0.136426	0.427678	1.43378	1.43378	0.509951	0.742755	-1.34634	0.289143	1.63161	1.63161	0.638501	0.810146	-1.23434	0.165082	1.9326	1.9326	0.709401	0.846573	-1.18123	0.0706299	2.4569	2.4569	0.00961425	4.29931	4.29931	0.342762	1.5448	1.5448	2.22895	6.98865	2.78702	1
cg04223179	DLG2;DLG2;DLG2	0.136427	0.707317	1.05872	1.05872	0.180141	1.24027	1.24027	0.816076	1.03588	1.03588	0.996935	1.00058	1.00058	0.91338	1.0166	1.0166	0.437759	1.12721	1.12721	0.00383258	1.80339	1.80339	0.373532	0.870932	-1.1482	0.976496	0.995553	-1.00447	2.22895	0.807887	0.32218	1
cg16711450	INS;INS-IGF2;INS-IGF2	0.136427	0.261939	0.627413	-1.59385	0.254397	1.6068	1.6068	0.0423598	0.393887	-2.5388	0.303675	0.654076	-1.52887	0.872282	0.9379	-1.06621	0.791229	1.11151	1.11151	0.0121511	0.287787	-3.4748	0.938134	1.03142	1.03142	0.900084	0.951177	-1.05133	2.22894	5.60578	2.23555	1
cg06328674	ADARB2	0.136428	0.0412125	0.209817	-4.76607	0.076376	3.69569	3.69569	0.681328	1.31492	1.31492	0.600598	1.41943	1.41943	0.0373827	0.20155	-4.96156	0.567791	1.46649	1.46649	0.71987	0.787589	-1.2697	0.311549	0.499489	-2.00204	0.622488	0.719623	-1.38962	2.22894	15.5193	6.18902	1
cg18042586	SLC39A14	0.136428	0.117489	0.672122	-1.48783	0.693207	1.09709	1.09709	0.161876	0.70536	-1.41772	0.140288	0.690211	-1.44883	0.0131872	0.487682	-2.05052	0.697262	1.09566	1.09566	0.226503	0.743226	-1.34549	0.682605	0.908392	-1.10085	0.0650983	0.616319	-1.62254	2.22894	1.92784	0.768813	1
cg20672477	PAX4;PAX4	0.13643	0.0340598	0.318225	-3.14243	0.0114665	0.231276	-4.32384	0.206914	0.54004	-1.85172	0.0725777	0.395625	-2.52765	0.610254	0.788245	-1.26864	0.647026	0.80783	-1.23788	0.444083	0.696872	-1.43498	0.177416	0.51504	-1.9416	0.155913	0.495248	-2.01919	2.22892	7.56345	3.01628	1
cg23104184	CDH23	0.136431	0.0545911	0.200863	-4.97852	0.250861	2.41861	2.41861	0.98617	1.01284	1.01284	0.107943	0.274948	-3.63705	0.0472669	0.188062	-5.31739	0.392309	0.524599	-1.90622	0.0391667	0.172573	-5.79466	0.486854	0.59449	-1.68212	0.296147	0.450483	-2.21984	2.22892	19.129	7.62863	1
cg21787567	TXNRD3IT1	0.136432	0.17239	0.501206	-1.99519	0.10712	0.433225	-2.30827	0.0321176	0.303053	-3.29975	0.914507	0.95021	-1.0524	0.0454452	0.335819	-2.97779	0.0753379	0.389972	-2.56429	0.0579381	0.360793	-2.77167	0.697425	0.830424	-1.2042	0.113276	0.44059	-2.26968	2.22891	7.98462	3.18426	1
cg17919667	FGFR4;FGFR4	0.136435	0.0976913	0.443588	-2.25434	0.190445	0.537812	-1.85938	0.014046	0.257564	-3.88253	0.81997	0.903053	-1.10735	0.0256944	0.305646	-3.27176	0.318432	0.630472	-1.58611	0.164164	0.514756	-1.94267	0.146106	0.497587	-2.0097	0.446408	0.706673	-1.41508	2.22889	7.06426	2.81725	1
cg20600729	AQP2	0.136436	0.704677	1.18483	1.18483	0.696035	1.19109	1.19109	0.292174	0.614603	-1.62707	0.201116	1.82457	1.82457	0.00694056	0.211	-4.73934	0.272826	1.66252	1.66252	0.856781	0.922689	-1.08379	0.574913	0.776949	-1.28709	0.751267	0.867938	-1.15216	2.22888	7.00295	2.79282	1
cg04729814	DOC2A	0.13644	0.768561	1.12214	1.12214	0.138204	1.86519	1.86519	0.0580472	2.30865	2.30865	0.388303	1.41241	1.41241	0.0222949	0.343146	-2.91421	0.181085	1.74111	1.74111	0.807681	1.09992	1.09992	0.466595	1.33553	1.33553	0.991918	1.00396	1.00396	2.22884	5.38373	2.14709	1
cg18750819	SMARCAL1;SMARCAL1	0.136441	0.156509	0.270294	-3.69968	0.0356284	0.121118	-8.25641	0.0264862	0.103237	-9.68648	0.501949	0.55532	-1.80076	0.119926	0.233107	-4.28988	0.169993	0.283202	-3.53104	0.117342	0.230331	-4.34158	0.385024	2.15708	2.15708	0.667582	0.688709	-1.45199	2.22884	26.3006	10.489	1
cg15708382	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.136448	0.0462873	0.417451	-2.39549	0.491839	0.765557	-1.30624	0.293513	0.659048	-1.51734	0.361597	0.698477	-1.43169	0.00786652	0.271216	-3.6871	0.582368	0.808539	-1.2368	0.298426	0.66204	-1.51048	0.830056	0.921044	-1.08572	0.057599	0.439714	-2.27421	2.22879	5.16862	2.06136	1
cg08625335	RPS29;RPS29	0.136448	0.33477	0.844639	-1.18394	0.536889	1.11197	1.11197	0.672167	0.9303	-1.07492	0.688796	0.933949	-1.07072	0.969362	1.00654	1.00654	0.0773476	0.716561	-1.39556	0.0147108	0.600696	-1.66473	0.80797	0.959512	-1.0422	0.0921796	1.36975	1.36975	2.22878	1.01699	0.405599	1
cg26024880	IL28RA;IL28RA;IL28RA	0.136449	0.0437047	4.38988	4.38988	0.0298268	5.10903	5.10903	0.512664	1.52749	1.52749	0.0928151	3.25399	3.25399	0.567977	0.691952	-1.44519	0.157348	2.62416	2.62416	0.296246	1.9957	1.9957	0.0667178	3.71214	3.71214	0.127362	2.86297	2.86297	2.22878	14.3686	5.73054	1
cg17439660	ADCYAP1;ADCYAP1	0.136449	0.922931	1.03108	1.03108	0.78545	1.09015	1.09015	0.00989743	2.80347	2.80347	0.145965	1.63845	1.63845	0.822497	1.07366	1.07366	0.249277	1.46361	1.46361	0.18389	0.640226	-1.56195	0.120143	1.70455	1.70455	0.886094	0.955673	-1.04638	2.22878	3.53197	1.40863	1
cg24542441	SEPT10;ANKRD57;SEPT10	0.136455	0.0855981	1.75673	1.75673	0.277108	0.715203	-1.3982	0.132064	1.6193	1.6193	0.871037	1.04936	1.04936	?	?	?	0.216664	1.47034	1.47034	0.0361262	0.485465	-2.05988	0.655854	1.14226	1.14226	0.932395	0.975154	-1.02548	2.24823	2.78311	1.23791	1
cg13947528	VAV2;VAV2	0.136457	0.143522	0.679106	-1.47252	0.160488	0.691348	-1.44645	0.26879	1.32784	1.32784	0.0546533	0.584697	-1.71029	0.0213923	0.506261	-1.97527	0.144092	0.679534	-1.4716	0.545779	0.860262	-1.16244	0.299398	0.767373	-1.30315	0.198744	0.715803	-1.39703	2.22872	2.13951	0.853309	1
cg13612524	ERLIN2;ERLIN2;ERLIN2	0.136458	0.974835	0.991186	-1.00889	0.694615	0.895171	-1.1171	0.544258	0.841764	-1.18798	0.41229	0.790358	-1.26525	0.223902	0.698649	-1.43133	0.731207	0.907755	-1.10162	0.0037208	0.332946	-3.00349	0.356511	1.30495	1.30495	0.423424	0.794956	-1.25793	2.22871	2.78043	1.10893	1
cg26210447	RPS27L	0.136459	?	?	?	?	?	?	0.272836	0.348534	-2.86916	0.0801577	0.144544	-6.91829	0.0784429	0.142193	-7.03271	?	?	?	?	?	?	0.230146	3.23356	3.23356	0.503428	1.83926	1.83926	3.28017	19.5844	4.77644	1
cg13060114	TFAP2E	0.136461	0.0592175	0.202527	-4.9376	0.164302	0.328733	-3.04199	0.0778296	0.230105	-4.34585	0.115922	0.27774	-3.60049	0.0476771	0.183083	-5.462	0.901931	1.09683	1.09683	0.0276763	0.14204	-7.04029	0.157578	0.322075	-3.10487	0.554217	0.638559	-1.56603	2.22869	19.84	7.91296	1
cg07127225	FCGRT;FCGRT;FCGRT	0.136463	0.886432	0.965741	-1.03547	0.0550686	0.588258	-1.69994	0.0429631	0.566548	-1.76507	0.201088	0.719378	-1.39009	0.235832	1.35398	1.35398	0.272472	1.32132	1.32132	0.186674	0.71073	-1.407	0.381007	1.24507	1.24507	0.721741	1.09115	1.09115	2.22867	2.10039	0.837723	1
cg09747514	JMY	0.136463	0.499258	1.10969	1.10969	0.0137993	1.58703	1.58703	0.28457	1.18374	1.18374	0.0367904	1.44496	1.44496	0.965526	0.993463	-1.00658	0.740711	0.950857	-1.05168	0.537518	0.909613	-1.09937	0.318756	0.85525	-1.16925	0.9235	0.985531	-1.01468	2.22867	0.812764	0.324165	1
cg18264944	SRF	0.136465	0.185803	1.20642	1.20642	0.0853292	0.775354	-1.28973	0.482258	0.908888	-1.10025	0.0829607	0.773526	-1.29278	0.688305	0.947487	-1.05542	0.502382	1.09533	1.09533	0.361922	0.882183	-1.13355	0.750224	1.04365	1.04365	0.0399528	1.37384	1.37384	2.22865	0.631568	0.251898	1
cg08839053	STC2	0.136467	0.464091	0.886443	-1.1281	0.462294	0.885997	-1.12867	0.0762434	0.726815	-1.37587	0.764648	1.04977	1.04977	0.806208	0.961021	-1.04056	0.110395	1.32502	1.32502	0.0152363	1.61944	1.61944	0.924069	1.01554	1.01554	0.934051	1.01348	1.01348	2.22865	0.923594	0.368373	1
cg09255966	RER1	0.136471	0.724948	1.08538	1.08538	0.0969588	1.52577	1.52577	0.219093	1.3495	1.3495	0.895444	0.969968	-1.03096	0.0427387	0.582204	-1.71761	0.0625435	0.615029	-1.62594	0.351722	1.2489	1.2489	0.844249	0.955409	-1.04667	0.301747	0.780264	-1.28162	2.22861	1.89834	0.757158	1
cg17409876	RBM4B	0.136472	0.697411	0.880848	-1.13527	0.193666	0.639817	-1.56295	0.514511	0.806843	-1.2394	0.080897	1.87473	1.87473	0.0154123	0.38087	-2.62557	0.954462	0.981628	-1.01872	0.15275	0.608194	-1.64421	0.496769	1.25112	1.25112	0.850055	1.06338	1.06338	2.2286	3.72129	1.48425	1
cg08672140	LHFPL2	0.136476	0.0943908	0.291656	-3.4287	0.0323057	0.186423	-5.36415	0.101508	0.300752	-3.32499	0.45638	0.601498	-1.66252	0.0201719	0.152947	-6.53821	0.292532	0.481042	-2.07882	0.0488322	0.221438	-4.51593	0.358763	0.531329	-1.88207	0.362532	0.534108	-1.87228	2.22857	15.8502	6.32203	1
cg19734870	LOC645323	0.136476	0.430409	0.886863	-1.12757	0.701551	1.05913	1.05913	0.649502	0.934023	-1.07064	0.509516	0.905004	-1.10497	0.164846	0.801679	-1.24738	0.0475714	0.713166	-1.4022	0.170386	1.24336	1.24336	0.283836	1.18069	1.18069	0.0533241	1.38745	1.38745	2.22857	0.785503	0.313306	1
cg10839322	HERC2	0.136477	0.664083	0.918306	-1.08896	0.274598	0.801144	-1.24822	0.699965	1.07845	1.07845	0.192367	1.30882	1.30882	0.0486469	0.644518	-1.55155	0.109779	0.711756	-1.40497	0.0264042	0.598415	-1.67108	0.678564	0.921933	-1.08468	0.182517	0.758867	-1.31775	2.22857	1.34268	0.535545	1
cg22880392	SFRP1	0.136482	0.322906	0.686478	-1.45671	0.116954	1.87285	1.87285	0.130759	0.548158	-1.82429	0.39046	0.723103	-1.38293	0.284182	0.663718	-1.50666	0.0684111	0.471587	-2.1205	0.105015	0.520672	-1.9206	0.740513	0.884755	-1.13026	0.0356974	0.406332	-2.46104	2.22853	4.79082	1.91091	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13458384	SARDH;SARDH	0.136484	0.0820531	1.85496	1.85496	0.446752	1.28236	1.28236	0.839684	0.937106	-1.06711	0.0476488	2.06755	2.06755	0.739357	0.898455	-1.11302	0.0164591	2.55985	2.55985	0.0973833	1.79206	1.79206	0.76548	0.908523	-1.10069	0.529116	1.22688	1.22688	2.22851	3.6299	1.44786	1
cg21165137	TCIRG1;TCIRG1	0.136485	0.229149	0.685853	-1.45804	0.697919	0.889988	-1.12361	0.120312	0.6044	-1.65453	0.808619	0.930057	-1.0752	0.00817372	0.363716	-2.7494	0.701959	0.89146	-1.12175	0.599093	0.85341	-1.17177	0.162408	0.640389	-1.56155	0.0359344	0.482295	-2.07342	2.22851	3.15148	1.25704	1
cg06872679	DCAF17;DCAF17;METTL8;DCAF17;DCAF17;DCAF17	0.136486	0.125404	1.52734	1.52734	0.133603	1.51159	1.51159	0.293074	1.32117	1.32117	0.121873	1.53447	1.53447	0.370836	1.26447	1.26447	0.438767	0.81737	-1.22344	0.0540257	0.572091	-1.74798	0.888154	0.964704	-1.03659	0.218184	0.718381	-1.39202	2.2285	2.30143	0.917981	1
cg14582763	ZNF578	0.136486	0.692538	1.10046	1.10046	0.243071	0.745109	-1.34209	0.0568375	1.68063	1.68063	0.0765355	0.622172	-1.60727	0.718149	0.9164	-1.09123	0.415108	0.818209	-1.22218	0.030158	0.541139	-1.84796	0.579693	0.873939	-1.14424	0.300205	0.772146	-1.29509	2.22849	2.04758	0.816728	1
cg24226371	SNX33	0.136487	0.402634	0.80157	-1.24755	0.00909633	0.424924	-2.35336	0.204339	0.707584	-1.41326	0.865122	0.957048	-1.04488	0.175408	0.68928	-1.45079	0.362694	0.785376	-1.27327	0.0792113	0.604578	-1.65405	0.426355	1.23337	1.23337	0.635426	1.13126	1.13126	2.22849	2.35365	0.938813	1
cg23749536	SBNO1;SBNO1	0.136488	0.406556	0.739854	-1.35162	0.105477	0.533855	-1.87317	0.619467	0.837232	-1.19441	0.105185	1.87433	1.87433	0.0462328	0.444678	-2.24882	0.65921	0.854284	-1.17057	0.486689	1.28505	1.28505	0.0863833	1.95866	1.95866	0.604485	1.20373	1.20373	2.22849	4.44456	1.77283	1
cg06241292	USP4;USP4;C3orf62	0.13649	0.087878	0.393769	-2.53956	0.296275	1.70887	1.70887	0.0355467	3.35598	3.35598	0.662004	0.804414	-1.24314	0.104376	0.41546	-2.40697	0.300671	0.588235	-1.7	0.262148	0.560734	-1.78338	0.776294	0.868528	-1.15137	0.446092	1.46855	1.46855	2.22847	8.64014	3.44637	1
cg14168939	CHFR;CHFR;CHFR;CHFR;CHFR	0.136492	0.965908	0.992628	-1.00743	0.0282617	1.56581	1.56581	0.546778	1.11135	1.11135	0.0706504	1.41868	1.41868	0.879462	1.02662	1.02662	0.0333242	1.53818	1.53818	0.0808321	1.39818	1.39818	0.0915009	1.37949	1.37949	0.914455	1.01878	1.01878	2.22846	1.05781	0.42194	1
cg06012574	ANKRD11	0.136493	0.115551	0.761882	-1.31254	0.235945	1.21828	1.21828	0.142225	1.28506	1.28506	0.431555	1.13611	1.13611	0.431631	0.880213	-1.13609	0.219529	1.22783	1.22783	0.833954	1.03393	1.03393	0.339643	0.855173	-1.16935	0.0254825	1.52509	1.52509	2.22844	0.891932	0.355777	1
cg09287420	GP6;GP6	0.136493	0.188641	0.727837	-1.37393	0.00944827	0.472262	-2.11747	0.617214	0.891429	-1.12179	0.683291	1.09807	1.09807	0.485656	0.85079	-1.17538	0.941707	0.983458	-1.01682	0.174858	1.38975	1.38975	0.650971	1.10946	1.10946	0.141145	0.697005	-1.43471	2.22844	1.83599	0.732347	1
cg22191741	LOC284023	0.136494	0.372311	0.616295	-1.6226	0.458506	0.671059	-1.49018	0.900518	0.936049	-1.06832	0.59198	0.751334	-1.33097	0.127453	0.41854	-2.38926	0.0108983	0.184709	-5.41392	0.0329407	0.267621	-3.73663	0.212499	0.49962	-2.00152	0.553852	1.37225	1.37225	2.22844	9.85581	3.93133	1
cg04424052	PERP	0.136495	0.773845	0.867078	-1.1533	0.688989	1.22038	1.22038	0.0481414	3.05903	3.05903	0.843375	1.10288	1.10288	0.800624	1.13346	1.13346	0.3039	1.69406	1.69406	0.015912	0.231859	-4.31296	0.245007	0.547706	-1.8258	0.650819	0.798061	-1.25304	2.22843	8.6493	3.45008	1
cg22294740	LINGO3	0.136499	0.711215	1.12317	1.12317	0.666861	0.873481	-1.14484	0.0639265	1.91638	1.91638	0.135204	1.65366	1.65366	0.825048	1.0716	1.0716	0.288338	0.708714	-1.41101	0.252531	0.688443	-1.45255	0.879138	1.04868	1.04868	0.0185999	2.43813	2.43813	2.2284	3.44334	1.37352	1
cg10234952	RAE1;RAE1;RAE1	0.1365	0.827839	0.979149	-1.02129	0.0714481	1.21502	1.21502	0.104796	1.18709	1.18709	0.503073	0.936365	-1.06796	0.0543788	1.23515	1.23515	0.159302	0.864575	-1.15664	0.690044	0.96196	-1.03954	0.237938	1.12705	1.12705	0.139316	1.16641	1.16641	2.22839	0.33034	0.13177	1
cg10631373	RBMXL1;RBMXL1;CCBL2;CCBL2	0.1365	0.177768	0.593136	-1.68595	0.125227	0.54594	-1.8317	0.133331	0.554002	-1.80505	0.535121	1.25744	1.25744	0.0924698	0.508984	-1.9647	0.152911	0.572181	-1.7477	0.218464	0.623694	-1.60335	0.0130397	0.325181	-3.07521	0.992947	0.996781	-1.00323	2.22839	4.69468	1.87268	1
cg13503148	TMEM212	0.136501	0.464041	0.721926	-1.38518	0.305183	0.628622	-1.59078	0.0996614	0.454327	-2.20106	0.675808	0.832036	-1.20187	0.00442158	0.189964	-5.26416	0.905304	0.949298	-1.05341	0.575152	1.28092	1.28092	0.93807	0.966597	-1.03456	0.870116	1.07417	1.07417	2.22838	6.74627	2.69105	1
cg06735200	KIAA1715	0.136502	0.479425	0.901515	-1.10924	0.349014	1.14916	1.14916	0.77642	1.04191	1.04191	0.99595	0.999268	-1.00073	0.439478	0.892526	-1.12042	0.0106217	1.58932	1.58932	0.105484	0.774885	-1.29051	0.288698	0.853143	-1.17214	0.694017	1.05867	1.05867	2.22838	0.733911	0.292754	1
cg00562262	SPATS2	0.136504	0.690622	1.1757	1.1757	0.0970509	0.47862	-2.08934	0.597408	0.806029	-1.24065	0.272694	1.58708	1.58708	0.160402	0.545133	-1.83442	0.640348	1.20971	1.20971	0.0408542	0.384796	-2.59878	0.0762865	2.22095	2.22095	0.522408	0.769286	-1.29991	2.22836	5.7771	2.30447	1
cg01115732	LMF1	0.136508	0.377506	0.876714	-1.14062	0.0474483	1.39026	1.39026	0.145524	0.79685	-1.25494	0.376866	1.14084	1.14084	0.089443	0.761785	-1.31271	0.757723	1.04599	1.04599	0.0691547	1.34375	1.34375	0.841694	0.971361	-1.02948	0.971289	0.994784	-1.00524	2.22833	0.745115	0.297229	1
cg15452974	SKIV2L;RDBP	0.136508	0.835972	1.01996	1.01996	0.0146604	1.33161	1.33161	0.734758	1.03294	1.03294	0.496985	0.936387	-1.06793	0.827931	1.02096	1.02096	0.407758	0.922466	-1.08405	0.0491069	0.807281	-1.23873	0.509407	1.06586	1.06586	0.290091	1.11032	1.11032	2.22833	0.32057	0.127877	1
cg16721459	C2orf55	0.13651	0.403511	0.86344	-1.15816	0.418136	0.867524	-1.15271	0.714007	1.06526	1.06526	0.927494	1.01576	1.01576	0.125495	0.752162	-1.3295	0.507459	0.89092	-1.12244	0.017901	0.610021	-1.63929	0.0540909	1.45574	1.45574	0.8377	1.03586	1.03586	2.22832	1.0412	0.41534	1
cg07267067	SOAT2	0.136513	0.27573	1.32393	1.32393	0.471901	1.19852	1.19852	0.148297	0.681307	-1.46777	0.0821991	1.61045	1.61045	0.932713	0.979319	-1.02112	0.217042	1.37909	1.37909	0.0349298	1.83726	1.83726	0.765988	0.928798	-1.07666	0.168495	0.695489	-1.43784	2.22829	2.16134	0.86218	1
cg14574203	FAM120AOS;FAM120A	0.136516	?	?	?	0.835269	0.875834	-1.14177	0.720261	0.795365	-1.25729	0.0105135	0.128754	-7.76672	?	?	?	0.231083	0.449406	-2.22516	0.627015	1.36586	1.36586	0.921425	1.06483	1.06483	0.21546	2.29356	2.29356	2.27169	11.3439	5.70696	1
cg10083236	FAM98A	0.136516	0.693712	0.933025	-1.07178	0.0663999	0.697273	-1.43416	0.940519	0.987015	-1.01316	0.773941	0.950812	-1.05173	0.820036	0.960876	-1.04072	0.749145	1.0578	1.0578	0.861205	0.969814	-1.03113	0.0176304	1.65812	1.65812	0.0679437	1.43057	1.43057	2.22827	1.08256	0.431848	1
cg03774708	CRTAP	0.136518	0.678025	1.14238	1.14238	0.169952	1.59373	1.59373	0.414296	1.30485	1.30485	0.0700397	0.524225	-1.90758	0.83445	1.06901	1.06901	0.704629	0.88565	-1.12911	0.0141952	2.62397	2.62397	0.407307	1.31032	1.31032	0.474373	0.792966	-1.26109	2.22825	3.58782	1.43125	1
cg08013914	SPATA2L	0.136524	0.15077	0.355723	-2.81118	0.301518	2.05133	2.05133	0.894237	0.914591	-1.09339	0.343058	0.519115	-1.92636	0.0112611	0.11872	-8.42319	0.253977	0.449524	-2.22457	0.276315	0.46764	-2.1384	0.0561752	0.234184	-4.27015	0.47712	0.615577	-1.62449	2.22821	15.8988	6.34241	1
cg10343442	TFG;TFG	0.136525	0.169225	0.710439	-1.40758	0.656572	0.900806	-1.11012	0.731707	0.922805	-1.08365	0.11662	0.671676	-1.48881	0.0976937	0.654321	-1.5283	0.0574944	0.605631	-1.65117	0.020098	0.519649	-1.92438	0.589425	1.13562	1.13562	0.0849579	0.641048	-1.55994	2.2282	1.92293	0.76711	1
cg19542907	MAPK9;MAPK9;MAPK9;MAPK9;MAPK9	0.136525	0.100456	1.56012	1.56012	0.805253	0.94077	-1.06296	0.147381	1.46852	1.46852	0.875311	0.961931	-1.03958	0.282547	0.758818	-1.31784	0.772359	1.07433	1.07433	0.199081	1.39847	1.39847	0.0204147	1.99505	1.99505	0.0715638	1.6443	1.6443	2.2282	2.15581	0.860013	1
cg21288716	AGMAT	0.136527	0.523179	1.32178	1.32178	0.15447	1.92927	1.92927	0.656959	1.21254	1.21254	0.100783	2.1705	2.1705	0.0271934	0.323969	-3.08671	0.241716	0.589589	-1.6961	0.897514	1.05713	1.05713	0.820753	1.10279	1.10279	0.148615	0.512753	-1.95026	2.22819	6.55997	2.61697	1
cg13471028	GAB1;GAB1	0.136528	0.652904	0.914863	-1.09306	0.554229	1.12478	1.12478	0.241963	0.786064	-1.27216	0.772751	0.944677	-1.05856	0.471577	1.15481	1.15481	0.95715	0.989495	-1.01062	0.00484442	2.08416	2.08416	0.94055	0.985447	-1.01477	0.456089	0.861399	-1.1609	2.22818	1.36334	0.543877	1
cg21166756	LRDD;LRDD;LRDD	0.136532	0.851092	1.07143	1.07143	0.995847	1.00191	1.00191	0.617369	1.20312	1.20312	0.254058	0.645804	-1.54846	0.021382	0.362335	-2.75987	0.0279143	0.385297	-2.5954	0.087999	0.500958	-1.99617	0.690188	1.15846	1.15846	0.328036	0.690285	-1.44868	2.22815	4.75643	1.89751	1
cg12978227	PIK3CG	0.136534	0.0427955	0.600277	-1.6659	0.0519454	1.6226	1.6226	0.457136	1.18027	1.18027	0.411635	1.20172	1.20172	0.811208	0.94897	-1.05377	0.0706937	0.642697	-1.55594	0.672942	1.09739	1.09739	0.347726	1.23568	1.23568	0.696505	1.08958	1.08958	2.22814	1.69067	0.674473	1
cg09448677	SHANK2	0.136536	0.892047	1.05696	1.05696	0.130653	0.513788	-1.94633	0.76264	0.883754	-1.13154	0.100938	2.08113	2.08113	0.235828	0.602398	-1.66003	0.672693	1.18929	1.18929	0.0220356	0.326153	-3.06605	0.158986	0.541092	-1.84811	0.49305	1.32845	1.32845	2.22812	5.8736	2.34322	1
cg01483656	ZNF714	0.136536	0.128308	0.176021	-5.68114	0.430139	0.426991	-2.34197	0.800847	1.30617	1.30617	0.253565	0.283658	-3.52537	0.0896008	7.22541	7.22541	0.8041	1.30034	1.30034	0.0295656	14.9871	14.9871	0.293264	0.315977	-3.16478	0.363132	2.68491	2.68491	2.22812	39.4046	15.7201	1
cg22031522	FCGBP	0.136543	0.026792	0.202104	-4.94795	0.307939	0.525604	-1.90257	0.252247	0.482428	-2.07285	0.358703	0.56258	-1.77752	0.155942	0.396457	-2.52234	0.551889	0.692924	-1.44316	0.00764524	0.123706	-8.08369	0.37571	0.574595	-1.74036	0.237246	0.470167	-2.1269	2.22806	13.1082	5.22954	1
cg03456213	C9orf3	0.136544	0.183109	0.556254	-1.79774	0.280091	0.627373	-1.59395	0.193149	0.564504	-1.77147	0.268788	0.619878	-1.61322	0.14261	0.519772	-1.92392	0.109799	0.484899	-2.06228	0.0124115	0.274685	-3.64054	0.0301285	0.34685	-2.88309	0.841299	0.920127	-1.08681	2.22806	6.08384	2.42716	1
cg11414821	KIAA1949;KIAA1949	0.136544	0.202413	0.542527	-1.84322	0.513861	0.740209	-1.35097	0.245001	0.575464	-1.73773	0.0937616	0.432835	-2.31035	0.102368	0.443863	-2.25295	0.87199	0.929348	-1.07602	0.00510237	0.186079	-5.37405	0.413921	0.684197	-1.46157	0.360794	0.652545	-1.53246	2.22805	7.28561	2.90662	1
cg07450086	SELT	0.136545	0.110096	0.598874	-1.6698	0.215949	1.46724	1.46724	0.442357	0.794048	-1.25937	0.456574	1.2501	1.2501	0.422445	0.785656	-1.27282	0.0687973	0.549028	-1.8214	0.0786343	0.562676	-1.77722	0.038504	0.493719	-2.02544	0.431836	0.789636	-1.26641	2.22805	3.05851	1.2202	1
cg17817168	ST8SIA1	0.136546	0.251238	0.53769	-1.85981	0.815407	0.885994	-1.12868	0.199602	2.01666	2.01666	0.790821	1.14751	1.14751	0.0707653	0.351663	-2.84363	0.371799	0.622114	-1.60742	0.051503	0.317476	-3.14985	0.0268236	0.257292	-3.88663	0.36012	0.614475	-1.6274	2.22804	9.45382	3.77166	1
cg03627896	NCRNA00095	0.136548	0.143899	0.794239	-1.25907	0.0706157	1.34506	1.34506	0.104239	0.770595	-1.2977	0.975097	1.00459	1.00459	0.81391	0.965995	-1.0352	0.10234	0.769282	-1.29991	0.380546	1.14107	1.14107	0.101567	1.30083	1.30083	0.961553	0.992952	-1.0071	2.22803	0.75962	0.303056	1
cg19567046	VPS25	0.136552	0.0463931	0.582713	-1.71611	0.828109	1.05282	1.05282	0.642036	1.11719	1.11719	0.471545	0.840838	-1.18929	0.744481	0.925507	-1.08049	0.576688	1.14281	1.14281	0.0135471	0.485165	-2.06116	0.0767159	0.627503	-1.59362	0.894804	1.03181	1.03181	2.228	1.97713	0.7888	1
cg25967505	HEMK1	0.136553	0.68347	0.926166	-1.07972	0.429403	1.16291	1.16291	0.696	1.07624	1.07624	0.897958	0.97628	-1.0243	0.700516	1.07499	1.07499	0.00825071	0.531464	-1.8816	0.0386825	0.638895	-1.5652	0.585568	0.902109	-1.10851	0.726021	0.936293	-1.06804	2.22799	1.23531	0.492844	1
cg14436426	OPRL1;RGS19;OPRL1	0.136553	0.632788	1.12251	1.12251	0.412397	1.22287	1.22287	0.121696	0.668449	-1.496	0.671086	1.10799	1.10799	0.754643	1.07817	1.07817	0.76643	0.93098	-1.07414	0.00516814	2.42636	2.42636	0.586288	1.14103	1.14103	0.839862	1.04977	1.04977	2.22799	2.03386	0.811437	1
cg04398275	SBNO1;SBNO1	0.136556	0.145946	0.652676	-1.53215	0.0450968	0.533424	-1.87468	0.370565	1.28573	1.28573	0.137957	0.646223	-1.54745	0.0414759	0.525898	-1.90151	0.0429176	0.528958	-1.89051	0.213651	0.699126	-1.43036	0.621424	0.872789	-1.14575	0.702819	0.900527	-1.11046	2.22797	2.6363	1.0518	1
cg27303986	RAB11A	0.136565	0.180174	2.07401	2.07401	0.316412	0.589392	-1.69666	0.496184	0.703498	-1.42147	0.727524	0.837164	-1.19451	0.00992212	0.179488	-5.57141	0.77633	1.1557	1.1557	0.140311	0.442736	-2.25868	0.594246	0.760774	-1.31445	0.132681	0.434457	-2.30172	2.34879	9.39087	3.10968	1
cg00288584	TMEM55A;TMEM55A	0.136566	0.119422	1.30259	1.30259	0.217873	1.22481	1.22481	0.937062	1.01243	1.01243	0.297881	0.844662	-1.18391	0.603809	0.921364	-1.08535	0.150738	1.27243	1.27243	0.0226453	0.652508	-1.53255	0.58434	0.917205	-1.09027	0.363663	1.15725	1.15725	2.22789	0.863553	0.344543	1
cg23424043	ZC3HAV1;ZC3HAV1	0.136568	0.673503	0.91487	-1.09305	0.87539	1.0335	1.0335	0.0437678	0.614712	-1.62678	0.584206	1.12303	1.12303	0.059905	1.56155	1.56155	0.587693	1.1218	1.1218	0.179189	1.34928	1.34928	0.0797364	0.664808	-1.50419	0.501503	0.86656	-1.15399	2.22788	1.55528	0.620534	1
cg10206594	GRIK3	0.136569	0.0565802	0.447713	-2.23358	0.189726	0.596198	-1.67729	0.0861192	0.493579	-2.02602	0.504881	0.777291	-1.28652	0.111809	0.524783	-1.90555	0.0321488	0.392812	-2.54575	0.032853	0.394792	-2.53298	0.933067	0.969208	-1.03177	0.142357	0.555878	-1.79896	2.22787	4.89161	1.95168	1
cg00188503	CYP4V2	0.13657	0.202521	0.515086	-1.94142	0.14826	2.1483	2.1483	0.016441	4.24421	4.24421	0.374963	1.56676	1.56676	0.390114	0.647762	-1.54378	0.540468	1.35738	1.35738	0.289348	0.581412	-1.71995	0.988874	0.993148	-1.0069	0.312544	0.597442	-1.6738	2.22786	8.5787	3.4228	1
cg04724489	SND1	0.136574	0.957869	0.975116	-1.02552	0.244562	0.559538	-1.78719	0.0564891	0.357033	-2.80087	0.302923	1.66361	1.66361	0.0133668	0.231882	-4.31254	0.154463	0.483355	-2.06887	0.14522	0.474214	-2.10875	0.651808	0.805195	-1.24193	0.734587	0.850177	-1.17623	2.22783	8.02734	3.20285	1
cg05279382	TRDMT1;TRDMT1;TRDMT1	0.136575	0.749584	0.917641	-1.08975	0.0366453	0.521167	-1.91877	0.295066	1.33836	1.33836	0.161946	1.49302	1.49302	0.754813	1.08772	1.08772	0.0822367	1.67652	1.67652	0.060731	1.76377	1.76377	0.547499	1.17747	1.17747	0.816176	0.939415	-1.06449	2.22782	2.54164	1.0141	1
cg18297437	ZIC1	0.136577	0.175827	0.296521	-3.37245	0.78418	0.793059	-1.26094	0.189587	0.309277	-3.23335	0.151372	0.272978	-3.66329	0.0153331	0.0809804	-12.3487	0.246302	0.359161	-2.78427	0.967592	0.96627	-1.03491	0.964106	1.03874	1.03874	0.0214133	0.0968518	-10.3251	2.2278	25.1668	10.0415	1
cg05684891	DAB2IP	0.136578	0.0639416	0.674694	-1.48215	0.404817	0.851227	-1.17478	0.567551	0.896556	-1.11538	0.676383	1.08256	1.08256	0.0936627	0.705818	-1.4168	0.540992	0.88963	-1.12406	0.696748	1.07682	1.07682	0.333103	1.20765	1.20765	0.0293246	1.62435	1.62435	2.2278	1.26006	0.50276	1
cg13846232	KDM6B	0.13658	0.105916	0.65531	-1.526	0.0295486	1.84634	1.84634	0.0495535	1.70956	1.70956	0.688542	0.908073	-1.10123	0.530702	0.858998	-1.16415	0.744051	0.924589	-1.08156	0.281248	1.30737	1.30737	0.469781	1.19243	1.19243	0.600674	0.881265	-1.13473	2.22778	2.02085	0.806324	1
cg15573830	CACNA2D3	0.136583	0.166684	0.5269	-1.89789	0.0343198	0.342021	-2.9238	0.0379481	0.351442	-2.84542	0.423774	0.701164	-1.4262	0.375397	0.673455	-1.48488	0.654056	0.821997	-1.21655	0.0125084	0.259208	-3.8579	0.468916	0.725997	-1.37742	0.474688	0.729115	-1.37153	2.22776	6.66278	2.65849	1
cg01323777	KCNAB3	0.136592	0.873045	1.13767	1.13767	0.0432112	0.153233	-6.52603	0.032331	7.54837	7.54837	0.155056	3.41215	3.41215	0.47979	0.560238	-1.78495	0.744508	0.768165	-1.3018	0.852072	1.16249	1.16249	0.683204	0.718249	-1.39228	0.152749	3.4391	3.4391	2.2277	22.9522	9.15834	1
cg27374508	ITGA9	0.136592	0.059924	0.236968	-4.21999	0.044223	0.208496	-4.79625	0.0406332	0.20119	-4.97043	0.604191	0.701355	-1.42581	0.0387153	0.19713	-5.07279	0.121328	0.320014	-3.12487	0.264031	0.453962	-2.20283	0.091735	0.283811	-3.52348	0.254262	0.445958	-2.24236	2.22769	16.2345	6.47784	1
cg01631764	SHC2	0.136592	0.397772	0.78956	-1.26653	0.192976	0.686619	-1.45641	0.177511	0.676321	-1.47859	0.656206	0.88491	-1.13006	0.437593	1.24122	1.24122	0.297996	0.744968	-1.34234	0.0076726	0.392551	-2.54744	0.359589	0.773325	-1.29312	0.33357	1.31282	1.31282	2.22769	2.62753	1.04843	1
cg20233228	TEAD1	0.136594	0.880903	1.02722	1.02722	0.496014	0.883538	-1.13181	0.515506	0.888592	-1.12538	0.537799	1.11824	1.11824	0.303845	0.826328	-1.21017	0.988118	1.00267	1.00267	0.00594684	1.9047	1.9047	0.458344	0.873482	-1.14484	0.335357	0.836976	-1.19478	2.22768	1.13211	0.451732	1
cg00014085	ELMOD3;ELMOD3;ELMOD3;ELMOD3;RETSAT	0.136594	0.207205	1.2925	1.2925	0.874029	0.969858	-1.03108	0.029991	1.63634	1.63634	0.141133	1.35702	1.35702	0.115082	1.39167	1.39167	0.173006	1.32274	1.32274	0.116223	0.719433	-1.38998	0.640194	0.91319	-1.09506	0.854556	0.965223	-1.03603	2.22768	1.31281	0.523838	1
cg22017303	AGL;AGL;AGL;AGL;AGL;AGL;AGL	0.136594	0.822914	0.887944	-1.1262	0.0359181	0.27417	-3.64737	0.335278	0.590473	-1.69356	0.185753	0.475249	-2.10416	0.179937	0.469972	-2.12779	0.434723	1.52589	1.52589	0.0164939	0.211549	-4.72704	0.919639	1.05496	1.05496	0.15315	0.444379	-2.25033	2.22767	9.9182	3.95757	1
cg25349066	CD302	0.136596	0.350469	0.741949	-1.3478	0.0273506	0.444504	-2.2497	0.205414	0.660395	-1.51424	0.262055	0.695436	-1.43795	0.173006	1.56886	1.56886	0.171596	1.57149	1.57149	0.207844	1.51053	1.51053	0.585996	0.842984	-1.18626	0.632422	0.860992	-1.16145	2.22766	3.40324	1.35797	1
cg08993385	GPR172B;GPR172B	0.136596	0.233927	0.769428	-1.29967	0.90852	1.02444	1.02444	0.0875529	1.48608	1.48608	0.847715	0.960422	-1.04121	0.0945965	0.679819	-1.47098	0.408666	0.837357	-1.19423	0.0389211	0.605231	-1.65226	0.296949	0.796814	-1.255	0.20209	1.32698	1.32698	2.22766	1.55658	0.621112	1
cg17176002	HERC2	0.136599	0.440773	1.47201	1.47201	0.0320842	3.43789	3.43789	0.510347	1.38874	1.38874	0.0593453	0.351037	-2.8487	0.335865	0.613827	-1.62912	0.222616	0.532426	-1.87819	0.561408	0.749169	-1.33481	0.715324	1.19739	1.19739	0.164484	0.482184	-2.0739	2.22764	8.53334	3.40503	1
cg01520956	FAM47E	0.136599	0.827318	1.07079	1.07079	0.381925	0.75522	-1.32412	0.230154	1.48313	1.48313	0.728527	0.896651	-1.11526	0.350238	0.740059	-1.35124	0.0688402	0.528606	-1.89177	0.534394	1.21774	1.21774	0.95952	1.01602	1.01602	0.0148922	2.55387	2.55387	2.22764	3.45812	1.37989	1
cg17163404	UBR4	0.136601	0.0320283	0.216159	-4.62623	0.0769205	0.301359	-3.3183	0.493808	0.654604	-1.52764	0.288014	0.510362	-1.95939	0.0484055	0.252799	-3.95571	0.043942	0.243707	-4.1033	0.0442073	0.244263	-4.09395	0.38641	0.581924	-1.71844	0.268381	0.495117	-2.01972	2.22762	13.1183	5.2346	1
cg21813546	DHX9	0.136613	0.950325	0.991951	-1.00811	0.0961841	1.2674	1.2674	0.0137273	1.48474	1.48474	0.400679	0.894416	-1.11805	0.455969	1.1035	1.1035	0.761922	1.0402	1.0402	0.530619	0.920909	-1.08588	0.91372	0.98604	-1.01416	0.118666	0.802751	-1.24572	2.22754	0.59358	0.236865	1
cg08290076	ARHGAP20	0.136613	0.0295918	0.175978	-5.68252	0.398128	0.556086	-1.79828	0.833775	1.15321	1.15321	0.136838	0.337208	-2.96553	0.0598498	0.236854	-4.222	0.547748	0.661912	-1.51078	0.0153747	0.132974	-7.52029	0.283417	0.469557	-2.12967	0.399587	0.557142	-1.79487	2.22753	16.2323	6.47743	1
cg24777710	C7orf54;SND1	0.136615	0.442564	0.644039	-1.5527	0.165361	0.435372	-2.29689	0.784455	0.857205	-1.16658	0.474623	0.664567	-1.50474	0.0454531	0.275458	-3.63032	0.302713	0.548826	-1.82207	0.00515541	0.125456	-7.97091	0.679428	0.791737	-1.26305	0.350473	0.58271	-1.71612	2.22752	11.1417	4.44608	1
cg23889117	KIAA0754;MACF1;MACF1	0.136619	0.016857	0.579846	-1.72459	0.0944048	0.709168	-1.4101	0.530849	1.12599	1.12599	0.384996	1.18114	1.18114	0.248886	1.25267	1.25267	0.15558	0.752756	-1.32845	0.837055	0.96224	-1.03924	0.610508	1.10077	1.10077	0.636712	1.093	1.093	2.22748	1.23249	0.491833	1
cg02908720	SND1	0.13662	0.201452	1.24941	1.24941	0.0956446	1.35274	1.35274	0.491315	1.1223	1.1223	0.202088	1.24897	1.24897	0.66177	1.07537	1.07537	0.608358	0.918227	-1.08906	0.0224726	0.636828	-1.57028	0.193018	1.25531	1.25531	0.621765	0.921195	-1.08555	2.22748	0.961179	0.383564	1
cg07175572	MINPP1	0.136621	0.846538	0.936877	-1.06738	0.0165325	0.37331	-2.67874	0.0209202	0.392529	-2.54759	0.60992	0.841011	-1.18905	0.330641	0.713341	-1.40185	0.956753	1.01842	1.01842	0.241509	1.51067	1.51067	0.549445	0.815614	-1.22607	0.997319	0.99887	-1.00113	2.22748	3.99488	1.59418	1
cg10612065	KDM4B	0.136622	0.127731	1.30985	1.30985	0.540145	1.10699	1.10699	0.0443272	1.46021	1.46021	0.0281314	1.52957	1.52957	0.159486	0.781613	-1.27941	0.633482	0.924286	-1.08192	0.425269	1.14276	1.14276	0.694299	0.937311	-1.06688	0.368845	1.16331	1.16331	2.22746	0.947664	0.378174	1
cg05235761	MOXD1	0.136623	0.166564	2.47121	2.47121	0.702336	1.26558	1.26558	0.0744479	3.38401	3.38401	0.134843	2.68799	2.68799	0.486201	0.647908	-1.54343	0.924197	1.06011	1.06011	0.671552	1.29902	1.29902	0.0126602	6.69221	6.69221	0.0839332	3.23188	3.23188	2.22746	13.2729	5.29669	1
cg15177055	PMS2L11	0.136624	0.84294	1.07025	1.07025	0.927936	1.03145	1.03145	0.26775	0.67359	-1.48458	0.0945083	0.533091	-1.87585	0.0482165	0.461763	-2.16561	0.0225279	0.392519	-2.54765	0.818807	1.0817	1.0817	0.946831	1.02309	1.02309	0.0569673	0.478425	-2.09019	2.22745	4.13265	1.64918	1
cg23542518	LAP3	0.136625	0.0418998	0.294905	-3.39092	0.0524227	3.15392	3.15392	0.54417	1.3767	1.3767	0.351592	1.64746	1.64746	?	?	?	0.974829	0.983704	-1.01657	0.148313	2.24226	2.24226	0.275246	0.553706	-1.80601	0.729585	1.19807	1.19807	2.2469	8.57849	3.81792	1
cg01855760	LOC550112;UBA6	0.136626	0.295865	0.846856	-1.18084	0.142784	1.27322	1.27322	0.213631	1.2224	1.2224	0.166554	1.25381	1.25381	0.347666	1.15984	1.15984	0.88436	1.02257	1.02257	0.0224612	0.657519	-1.52087	0.938373	1.01193	1.01193	0.250397	1.20223	1.20223	2.22743	0.829583	0.331057	1
cg05306006	RPE;RPE	0.13663	0.995659	0.999068	-1.00093	0.967824	1.00694	1.00694	0.956923	1.0093	1.0093	0.258551	0.817044	-1.22392	0.105172	0.738251	-1.35455	0.0166594	0.605884	-1.65048	0.895847	1.0227	1.0227	0.926976	0.98441	-1.01584	0.0584444	1.44266	1.44266	2.22741	1.03645	0.413615	1
cg14376618	ANO6;ANO6;ANO6;ANO6	0.136632	0.618304	0.830302	-1.20438	0.657833	0.847874	-1.17942	0.0293617	0.386716	-2.58587	0.0271442	0.37975	-2.63331	0.03754	0.409271	-2.44337	0.242976	0.636138	-1.57199	0.43072	0.742484	-1.34683	0.631323	1.19602	1.19602	0.14913	0.563982	-1.77311	2.22739	4.83513	1.92956	1
cg11719297	RIPK4	0.136633	0.0509031	3.2694	3.2694	0.756231	1.18042	1.18042	0.0398111	3.54633	3.54633	0.134606	2.36144	2.36144	0.1131	2.50558	2.50558	0.88869	1.07745	1.07745	0.512593	1.42438	1.42438	0.156383	2.2425	2.2425	0.0201323	4.45107	4.45107	2.22738	10.0089	3.9943	1
cg22338467	KCNQ3	0.136636	0.402633	1.08487	1.08487	0.111582	0.848055	-1.17917	0.186117	0.875192	-1.14261	0.74287	1.0318	1.0318	0.159452	1.15371	1.15371	0.464961	0.931719	-1.07328	0.061504	1.2218	1.2218	0.681098	0.961464	-1.04008	0.0780101	0.83008	-1.2047	2.22736	0.319053	0.127327	1
cg02197303	HTT	0.136636	0.717538	0.878039	-1.1389	0.588584	0.822413	-1.21593	0.349001	1.41224	1.41224	0.988719	1.00507	1.00507	0.00492088	0.263471	-3.79548	0.452661	0.760399	-1.3151	0.206459	0.620597	-1.61135	0.159287	0.583611	-1.71347	0.39592	0.732525	-1.36514	2.22736	4.52169	1.80451	1
cg10442358	AGFG2	0.136642	0.0946856	0.473312	-2.11277	0.991124	1.00454	1.00454	0.369018	1.45605	1.45605	0.438864	0.725031	-1.37925	0.901835	0.95099	-1.05154	0.2941	0.641999	-1.55763	0.0069805	0.241465	-4.14138	0.455987	1.36233	1.36233	0.838421	0.920214	-1.0867	2.22731	5.85025	2.33475	1
cg21497208	KCNAB1;KCNAB1;KCNAB1	0.136643	0.53289	0.729258	-1.37126	0.214299	0.520196	-1.92235	0.123249	0.434039	-2.30394	0.81839	0.891393	-1.12184	0.0083412	0.185407	-5.39353	0.492276	0.705656	-1.41712	0.628186	1.27627	1.27627	0.186565	2.01359	2.01359	0.950098	0.969199	-1.03178	2.22731	8.81453	3.51776	1
cg10988513	DLL4	0.136646	0.0753955	0.36828	-2.71532	0.187887	2.0222	2.0222	0.770612	1.15897	1.15897	0.547517	0.735545	-1.35954	0.0469887	0.317489	-3.14972	0.605955	1.30029	1.30029	0.0549037	0.33336	-2.99976	0.19835	0.503602	-1.9857	0.212125	0.51519	-1.94103	2.22728	8.9824	3.5848	1
cg19315081	ADM	0.136647	0.0738762	0.587334	-1.70261	0.970462	1.00994	1.00994	0.615549	1.14482	1.14482	0.547079	0.84979	-1.17676	0.442981	0.811446	-1.23237	0.65306	1.12847	1.12847	0.00722894	0.396194	-2.52402	0.149994	0.662172	-1.51018	0.310398	0.755506	-1.32362	2.22728	2.5169	1.00447	1
cg10202457	NMNAT2	0.136648	0.332504	0.625621	-1.59841	0.306406	1.64343	1.64343	0.485629	0.717201	-1.39431	0.999268	0.99957	-1.00043	0.104811	0.435339	-2.29706	0.726804	0.848269	-1.17887	0.00708293	0.195443	-5.11658	0.137937	0.472636	-2.11579	0.536823	0.745719	-1.34099	2.22726	7.76389	3.09852	1
cg00170213	RBM16	0.13665	0.283105	1.29417	1.29417	0.0804164	1.56579	1.56579	0.307123	1.27692	1.27692	0.412107	0.823739	-1.21398	0.63972	1.11517	1.11517	0.15744	0.705007	-1.41843	0.316161	0.786926	-1.27077	0.0902968	1.53971	1.53971	0.0587574	1.63822	1.63822	2.22726	1.88586	0.752638	1
cg20989443	GALNT2	0.136651	0.024691	0.200419	-4.98954	0.532403	0.683841	-1.46233	0.292391	0.518685	-1.92795	0.999576	0.999681	-1.00032	0.0261377	0.204765	-4.88364	0.123748	0.367209	-2.72325	0.0585233	0.276815	-3.61252	0.838797	0.884786	-1.13022	0.118947	0.361678	-2.76489	2.22725	12.739	5.08412	1
cg09567080	ULBP2	0.136651	0.455453	1.31149	1.31149	0.615988	1.19767	1.19767	0.957541	1.01917	1.01917	0.137965	1.76786	1.76786	0.121355	0.549304	-1.82049	0.493501	0.78032	-1.28153	0.0172792	0.35542	-2.81358	0.195893	1.62884	1.62884	0.898857	1.0464	1.0464	2.22725	4.4883	1.79127	1
cg06636449	RSPH10B;RSPH10B2	0.136651	0.0913351	0.518705	-1.92788	0.0772389	2.0007	2.0007	0.336041	1.41934	1.41934	0.152728	1.71715	1.71715	0.0972751	0.526018	-1.90108	0.324974	1.43163	1.43163	0.477258	1.2906	1.2906	0.3747	1.37941	1.37941	0.344575	0.709153	-1.41013	2.22724	4.39611	1.75448	1
cg24322668	ZFR2	0.136654	0.701474	0.938602	-1.06541	0.927871	0.985215	-1.01501	0.675257	1.07177	1.07177	0.131795	1.30685	1.30685	0.372254	0.860102	-1.16265	0.0555023	1.42908	1.42908	0.055615	1.42878	1.42878	0.0729878	0.719648	-1.38957	0.501053	1.1189	1.1189	2.22722	0.954676	0.381013	1
cg14745622	COL9A3	0.13666	0.143993	0.492033	-2.03239	0.0932852	2.30275	2.30275	0.118155	2.15229	2.15229	0.901285	1.05767	1.05767	0.0810973	0.417367	-2.39597	0.428408	1.44091	1.44091	0.769057	0.875446	-1.14228	0.222707	0.560497	-1.78413	0.155538	0.503282	-1.98696	2.22718	7.20047	2.87377	1
cg12496363	WFIKKN2	0.136663	0.529919	0.914844	-1.09308	0.457637	1.11159	1.11159	0.418958	0.890911	-1.12245	0.67405	1.06095	1.06095	0.455708	1.11212	1.11212	0.833303	1.02992	1.02992	0.00703463	1.62799	1.62799	0.142787	0.802265	-1.24647	0.502563	1.09985	1.09985	2.22716	0.690073	0.275418	1
cg00110769	GNAI3	0.136663	0.105084	0.350735	-2.85116	0.0632762	0.290631	-3.44079	0.50523	1.49178	1.49178	0.796105	1.16554	1.16554	0.0657648	0.294788	-3.39227	0.0505039	0.267516	-3.7381	0.0877733	0.327977	-3.04899	0.118687	0.367143	-2.72373	0.79189	0.85518	-1.16934	2.22715	12.3452	4.92715	1
cg24132006	AKAP11;AKAP11	0.136663	0.0502168	0.463049	-2.1596	0.230183	0.647799	-1.54369	0.855229	0.938953	-1.06502	0.222575	1.55592	1.55592	0.470608	0.776362	-1.28806	0.0148558	0.355787	-2.81067	0.978226	1.00946	1.00946	0.398037	1.34775	1.34775	0.928513	0.969526	-1.03143	2.22715	4.19569	1.67456	1
cg21295838	PADI4;PADI4	0.136664	0.0598886	1.62692	1.62692	0.423189	1.20627	1.20627	0.181787	0.722578	-1.38393	0.282227	1.29198	1.29198	0.400047	0.820791	-1.21834	0.0160672	1.9649	1.9649	0.953255	1.01353	1.01353	0.748454	1.07655	1.07655	0.314413	1.26934	1.26934	2.22715	1.85377	0.739869	1
cg23231462	WNT9A	0.136666	0.0252377	0.430025	-2.32545	0.338201	0.731168	-1.36767	0.634681	0.859154	-1.16394	0.506594	0.807582	-1.23826	0.102645	0.567576	-1.76188	0.859284	0.945275	-1.05789	0.0250226	0.429293	-2.32941	0.0361375	0.461708	-2.16587	0.256034	0.686586	-1.45648	2.22713	3.54784	1.41601	1
cg10768900	SHANK2	0.136667	0.585444	0.868335	-1.15163	0.0225429	0.496471	-2.01422	0.323067	0.769803	-1.29903	0.197267	1.41818	1.41818	0.280935	0.750322	-1.33276	0.833505	1.05544	1.05544	0.121587	1.53754	1.53754	0.593843	0.871128	-1.14794	0.18573	1.43283	1.43283	2.22713	2.31738	0.924912	1
cg26857910	KCNJ12	0.136672	0.706811	0.907744	-1.10163	0.513304	1.18509	1.18509	0.0157889	2.13308	2.13308	0.389236	0.797702	-1.2536	0.748354	1.08594	1.08594	0.115864	1.54927	1.54927	0.0809751	1.64154	1.64154	0.385993	0.796405	-1.25564	0.198444	1.41642	1.41642	2.22708	2.31438	0.92373	1
cg14342235	ELOVL5	0.136674	0.462634	1.22479	1.22479	0.00875237	2.47356	2.47356	0.386301	1.27233	1.27233	0.654911	0.885147	-1.12976	0.944667	1.019	1.019	0.199223	1.44464	1.44464	0.026687	2.03836	2.03836	0.726252	1.10002	1.10002	0.799927	1.0713	1.0713	2.22707	2.59411	1.03539	1
cg07132086	PLEKHA2	0.136676	0.585261	0.888962	-1.12491	0.0104524	1.99065	1.99065	0.620737	1.11242	1.11242	0.279224	1.27161	1.27161	0.180628	0.738129	-1.35478	0.587997	0.88974	-1.12392	0.113996	1.44375	1.44375	0.46147	1.17366	1.17366	0.813864	0.950872	-1.05167	2.22705	1.60909	0.64224	1
cg12699151	KIAA0652;KIAA0652;KIAA0652;KIAA0652;HARBI1;KIAA0652	0.136682	0.84123	0.94005	-1.06377	0.324153	1.3687	1.3687	0.0145762	0.395605	-2.52778	0.982718	0.993346	-1.0067	0.9226	0.970489	-1.03041	0.854271	0.944903	-1.05831	0.0226875	0.431357	-2.31826	0.496289	1.23729	1.23729	0.99326	0.9974	-1.00261	2.22701	3.35103	1.33753	1
cg12701603	PRDM16;PRDM16	0.136684	0.478278	0.747034	-1.33863	0.0520215	2.44548	2.44548	0.149227	1.86951	1.86951	0.116159	1.9952	1.9952	0.0663316	0.434685	-2.30052	0.435599	1.3796	1.3796	0.386891	0.698503	-1.43163	0.30062	1.54329	1.54329	0.79662	0.90079	-1.11014	2.22699	5.77246	2.30404	1
cg08253704	KIAA1949;KIAA1949	0.136688	0.500686	0.835397	-1.19704	0.833205	0.946024	-1.05706	0.118103	0.63988	-1.56279	0.0968537	0.619074	-1.61532	0.446736	0.815418	-1.22636	0.714032	1.10168	1.10168	0.00755528	0.404839	-2.47012	0.810133	1.06538	1.06538	0.11889	0.640593	-1.56105	2.22697	2.44178	0.974629	1
cg24368702	PRKAR1B;PRKAR1B;PRKAR1B	0.136688	0.919935	1.07139	1.07139	0.830753	0.86347	-1.15812	0.0734738	0.254441	-3.93018	0.918069	1.07312	1.07312	0.0447105	0.205874	-4.85734	0.27179	0.456315	-2.19147	0.0163896	0.133721	-7.47824	0.169819	0.366829	-2.72606	0.112898	0.306228	-3.26554	2.22697	16.5898	6.6218	1
cg13605536	COL5A1	0.136689	0.0223255	0.557352	-1.7942	0.274657	0.784534	-1.27464	0.454526	0.849893	-1.17662	0.737004	0.930569	-1.07461	0.191923	0.744591	-1.34302	0.453718	1.17697	1.17697	0.0958569	1.47771	1.47771	0.112111	0.691183	-1.44679	0.34102	0.811005	-1.23304	2.22696	1.60768	0.641706	1
cg01128566	SVIL	0.136691	0.729734	1.07398	1.07398	0.765085	1.06361	1.06361	0.0460055	1.60094	1.60094	0.655532	1.0968	1.0968	0.622176	1.10762	1.10762	0.84173	0.959692	-1.042	0.0145459	0.538268	-1.85781	0.204898	1.31688	1.31688	0.594252	0.895258	-1.117	2.22694	1.49363	0.596186	1
cg12789086	KIAA1737	0.136693	0.507376	1.28884	1.28884	0.060198	2.22492	2.22492	0.188228	1.69219	1.69219	0.0434917	2.40102	2.40102	0.357582	1.42895	1.42895	0.428402	0.737111	-1.35665	0.144193	1.80736	1.80736	0.0236217	2.77199	2.77199	0.229067	1.60993	1.60993	2.22693	5.02002	2.00377	1
cg21327609	LRRC23;LRRC23;LRRC23;LRRC23;LRRC23;LRRC23	0.136694	0.240915	1.23611	1.23611	0.76107	0.948705	-1.05407	0.0965846	0.729807	-1.37023	0.937734	1.01358	1.01358	0.0525088	0.683413	-1.46325	0.773286	1.05114	1.05114	0.0337138	0.651683	-1.53449	0.484005	1.13066	1.13066	0.315026	1.19648	1.19648	2.22692	1.05143	0.419685	1
cg21903817	BZRAP1;BZRAP1;BZRAP1;BZRAP1	0.136694	0.0142041	0.571264	-1.75051	0.685799	0.927486	-1.07818	0.778488	1.05358	1.05358	0.958301	0.990369	-1.00972	0.418121	1.16549	1.16549	0.235317	0.794368	-1.25886	0.0216582	0.600318	-1.66578	0.476283	0.874542	-1.14346	0.42157	0.859025	-1.16411	2.22692	1.2082	0.482261	1
cg21206353	PLEKHM2	0.136695	0.185565	0.701783	-1.42494	0.813807	1.06133	1.06133	0.948107	1.01656	1.01656	0.966794	0.989553	-1.01056	0.0093132	0.435096	-2.29834	0.314635	1.29995	1.29995	0.220627	1.38384	1.38384	0.459079	0.826811	-1.20947	0.216744	0.720438	-1.38804	2.22691	2.24465	0.895969	1
cg22573590	MAD1L1;MAD1L1;MAD1L1	0.136696	0.349066	0.512678	-1.95054	0.435141	1.73648	1.73648	0.512464	0.631025	-1.58472	0.752144	0.802853	-1.24556	0.123095	0.314196	-3.18273	0.0672763	0.241424	-4.14209	0.00803741	0.0950372	-10.5222	0.382618	0.53765	-1.85995	0.240719	0.42688	-2.34258	2.22691	16.9413	6.76229	1
cg27363529	SLC35C1;SLC35C1;SLC35C1	0.136715	0.125957	0.594581	-1.68186	0.472039	1.25821	1.25821	0.385627	0.756332	-1.32217	0.743494	1.10861	1.10861	0.0201326	0.414709	-2.41133	0.378468	0.752974	-1.32807	0.0361275	0.465246	-2.1494	0.401322	1.3096	1.3096	0.464172	0.791414	-1.26356	2.22676	3.47702	1.38797	1
cg07914075	BEND7	0.136716	0.309447	0.73259	-1.36502	0.0137582	0.406162	-2.46207	0.182013	0.657659	-1.52054	0.0533369	0.522385	-1.9143	0.0336944	0.480087	-2.08296	0.667258	0.879895	-1.1365	0.666823	0.879737	-1.1367	0.140877	0.625903	-1.59769	0.303176	0.729412	-1.37097	2.22675	3.08656	1.23211	1
cg13107428	DENND1B;DENND1B;DENND1B;DENND1B	0.136717	0.647047	0.886583	-1.12793	0.20221	1.42134	1.42134	0.838955	0.948251	-1.05457	0.312437	1.3137	1.3137	0.871526	0.958618	-1.04317	0.719014	1.09893	1.09893	0.00912587	0.421111	-2.37467	0.206469	1.41616	1.41616	0.346113	0.77619	-1.28835	2.22674	2.40469	0.959921	1
cg08362628	CACNA2D3	0.136718	0.253845	0.554028	-1.80496	0.131192	0.445908	-2.24262	0.0532145	0.336723	-2.9698	0.588145	0.762646	-1.31122	0.427899	0.669564	-1.49351	0.559946	0.746676	-1.33927	0.172676	0.487123	-2.05287	0.0330995	3.43748	3.43748	0.709767	1.20354	1.20354	2.22674	8.66169	3.45765	1
cg05763961	PATL1	0.136719	0.0871998	0.43927	-2.2765	0.100125	0.456229	-2.19188	0.412675	0.694311	-1.44028	0.644363	1.22443	1.22443	0.156254	0.516505	-1.93609	0.222347	0.571986	-1.74829	0.0139217	0.266239	-3.75603	0.945756	0.970795	-1.03008	0.0732978	0.418966	-2.38683	2.22673	6.69175	2.67128	1
cg13403121	ZNF783	0.136722	0.985062	1.00414	1.00414	0.381055	1.21933	1.21933	0.964262	0.99016	-1.00994	0.622019	1.11592	1.11592	0.0130807	0.506937	-1.97263	0.492048	1.16651	1.16651	0.0783196	0.649428	-1.53982	0.779617	1.06387	1.06387	0.105672	0.676986	-1.47714	2.22671	1.71795	0.685798	1
cg07910919	ZNF185	0.136723	0.0513115	0.307493	-3.25211	0.211116	0.496482	-2.01417	0.263443	0.538175	-1.85813	0.420774	0.645895	-1.54824	0.00795487	0.163927	-6.10028	0.170962	0.460802	-2.17013	0.793723	1.14943	1.14943	0.755759	1.18037	1.18037	0.44014	0.658096	-1.51954	2.2267	9.96087	3.97633	1
cg03046466	LMF1	0.136724	0.0422059	2.1829	2.1829	0.0454637	0.465217	-2.14953	0.181766	0.623243	-1.60451	0.641658	1.16922	1.16922	0.416804	0.758197	-1.31892	0.787853	0.913957	-1.09414	0.108201	0.557338	-1.79424	0.287852	0.692054	-1.44497	0.400124	0.750281	-1.33283	2.22669	3.92402	1.56646	1
cg08448040	HDAC11;HDAC11	0.136724	0.962457	1.00848	1.00848	0.1415	1.3281	1.3281	0.199449	1.27547	1.27547	0.661954	0.924076	-1.08216	0.916356	1.01903	1.01903	0.440021	0.868197	-1.15181	0.0585332	0.681418	-1.46753	0.306835	1.2091	1.2091	0.028115	1.59273	1.59273	2.22669	1.136	0.453486	1
cg14384960	ZNF827	0.136726	0.150492	0.608138	-1.64436	0.918308	0.967433	-1.03366	0.430506	1.29652	1.29652	0.390485	1.32839	1.32839	0.123534	0.583704	-1.7132	0.922296	1.03199	1.03199	0.0358198	2.19939	2.19939	0.08074	1.8683	1.8683	0.373084	0.744461	-1.34325	2.22668	3.67292	1.46623	1
cg25545323	MCF2L;MCF2L	0.136727	0.31614	0.637584	-1.56842	0.0343946	0.342468	-2.91998	0.365595	1.49734	1.49734	0.416584	1.43412	1.43412	0.0684703	0.412407	-2.42479	0.299373	0.626833	-1.59532	0.157976	0.519159	-1.92619	0.057089	0.392644	-2.54684	0.974332	1.01407	1.01407	2.22667	6.65062	2.65493	1
cg16411251	GPR135	0.136727	0.899952	1.02747	1.02747	0.619239	0.897673	-1.11399	0.00383142	2.31634	2.31634	0.594842	1.12262	1.12262	0.672103	1.09608	1.09608	0.510459	0.866018	-1.15471	0.318356	1.24887	1.24887	0.239866	1.30368	1.30368	0.954268	0.987718	-1.01243	2.22667	1.63753	0.653704	1
cg08284993	ANKRD11	0.136728	0.685412	1.14095	1.14095	0.114009	1.74486	1.74486	0.950757	1.0202	1.0202	0.167503	0.62104	-1.6102	0.598192	1.1879	1.1879	0.511226	1.24077	1.24077	0.0148565	2.63834	2.63834	0.0568452	2.00944	2.00944	0.929501	0.971756	-1.02906	2.22666	3.69689	1.47581	1
cg24154368	RIMS3	0.136731	0.383913	0.799022	-1.25153	0.664217	0.896047	-1.11601	0.427868	0.815935	-1.22559	0.698398	1.1028	1.1028	0.790806	0.935371	-1.06909	0.176523	1.43486	1.43486	0.00628397	2.44636	2.44636	0.986027	0.995609	-1.00441	0.278371	1.32745	1.32745	2.22664	2.22713	0.889087	1
cg15829092	ATP11A;ATP11A	0.136736	0.0396972	0.152155	-6.57227	0.182204	0.325995	-3.06753	0.287477	0.417147	-2.39723	0.259859	0.39437	-2.53569	0.0117705	0.0828507	-12.0699	0.182628	0.326392	-3.0638	0.123194	0.266594	-3.75102	0.816437	1.20211	1.20211	0.174101	0.318337	-3.14132	2.2266	22.1011	8.82305	1
cg10869159	PSMD10;PSMD10;ATG4A;PSMD10;ATG4A;PSMD10	0.136737	0.132256	0.215341	-4.64381	0.478214	0.505839	-1.97691	0.539317	1.7994	1.7994	0.0767284	6.42892	6.42892	0.0514761	8.13037	8.13037	0.0720569	0.149887	-6.67167	0.704606	1.43337	1.43337	0.456913	2.04653	2.04653	0.989349	1.0127	1.0127	2.2266	31.5082	12.5785	1
cg18930928	TMCC2	0.136737	0.266155	1.26869	1.26869	0.0107758	1.93093	1.93093	0.0410662	1.62287	1.62287	0.272145	1.26464	1.26464	0.568067	0.88823	-1.12583	0.336041	1.226	1.226	0.144886	1.37934	1.37934	0.844263	0.960407	-1.04123	0.856819	1.03779	1.03779	2.22659	1.48782	0.593959	1
cg19639184	ANO5;ANO5;ANO5;ANO5	0.13674	0.298092	1.20531	1.20531	0.859098	1.03124	1.03124	0.62542	0.918347	-1.08891	0.0718198	1.41619	1.41619	0.25248	1.22992	1.22992	0.037518	1.51869	1.51869	0.358207	0.849101	-1.17772	0.453849	0.876256	-1.14122	0.0422955	1.49922	1.49922	2.22657	1.05701	0.421976	1
cg05243909	NTHL1;TSC2;TSC2;TSC2	0.13674	0.0155499	0.66027	-1.51453	0.386953	1.13209	1.13209	0.352511	1.14321	1.14321	0.0642164	0.747569	-1.33767	0.408601	0.888481	-1.12552	0.135885	0.798653	-1.25211	0.417623	0.890582	-1.12286	0.386513	0.883216	-1.13223	0.749341	1.04587	1.04587	2.22657	0.690167	0.275528	1
cg17140046	GRHL2	0.136742	0.095755	0.674136	-1.48338	0.368925	1.22003	1.22003	0.0720673	0.64876	-1.5414	0.888341	0.970177	-1.03074	0.763602	0.937063	-1.06716	0.895797	1.02864	1.02864	0.0190302	1.84375	1.84375	0.722239	0.925962	-1.07996	0.479333	0.856431	-1.16764	2.22656	1.63787	0.653872	1
cg11837016	ZBTB7C	0.136744	0.923665	1.04345	1.04345	0.0694096	2.46291	2.46291	0.327578	0.638606	-1.56591	0.420351	1.441	1.441	0.0982981	0.44726	-2.23584	0.20811	1.80209	1.80209	0.742873	0.864087	-1.15729	0.128253	2.07432	2.07432	0.0580969	2.58692	2.58692	2.22654	6.94423	2.7723	1
cg01920182	SOX5;SOX5;SOX5	0.136746	0.141576	0.661084	-1.51267	0.522543	0.843925	-1.18494	0.413919	0.803568	-1.24445	0.354083	1.28357	1.28357	0.0216853	0.485921	-2.05795	0.231991	1.3885	1.3885	0.808532	1.06563	1.06563	0.343043	1.29146	1.29146	0.101774	0.625617	-1.59842	2.22652	2.41764	0.965188	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27085584	DIMT1L	0.136746	0.625581	0.611955	-1.63411	0.114722	5.82236	5.82236	0.130556	5.32549	5.32549	?	?	?	?	?	?	0.366057	0.393038	-2.54428	0.219575	0.270007	-3.70361	0.749051	0.726152	-1.37712	0.0460279	0.0910894	-10.9782	2.55482	29.7239	9.97235	1
cg19740353	GCLC	0.136747	0.885822	0.934399	-1.07021	0.415781	0.675172	-1.4811	0.197822	0.525817	-1.9018	0.62731	1.25993	1.25993	0.148785	0.481294	-2.07773	0.318463	1.62731	1.62731	0.413788	1.48371	1.48371	0.0162263	4.00851	4.00851	0.209462	1.86767	1.86767	2.22652	7.86417	3.1396	1
cg06356708	RCC2;RCC2	0.136752	0.85325	0.964016	-1.03733	0.0217265	1.72509	1.72509	0.333511	1.21826	1.21826	0.95077	0.987855	-1.01229	0.120464	0.716528	-1.39562	0.878428	0.97016	-1.03076	0.0538495	0.648406	-1.54224	0.599172	1.11067	1.11067	0.528144	1.13484	1.13484	2.22648	1.38125	0.551442	1
cg17012160	FMN2	0.136757	0.0380866	1.79697	1.79697	0.91627	0.974688	-1.02597	0.169145	1.42921	1.42921	0.341386	1.26999	1.26999	0.382767	1.24385	1.24385	0.157638	1.44535	1.44535	0.0477929	0.575958	-1.73624	0.495351	1.18386	1.18386	0.172824	1.42429	1.42429	2.22644	2.09575	0.83671	1
cg26766373	ARRB1;ARRB1	0.136758	0.543395	0.830889	-1.20353	0.231798	1.45896	1.45896	0.465184	1.25091	1.25091	0.725382	0.899224	-1.11207	0.00760484	0.355652	-2.81173	0.461616	1.25323	1.25323	0.36091	0.753609	-1.32695	0.371489	1.31834	1.31834	0.456383	0.795752	-1.25667	2.22644	3.19875	1.27708	1
cg06013735	NCRNA00171;ZNRD1;ZNRD1;ZNRD1;ZNRD1	0.136759	0.175931	0.847565	-1.17985	0.253847	1.14677	1.14677	0.952102	1.00693	1.00693	0.631958	0.946047	-1.05703	0.670843	0.952054	-1.05036	0.926138	0.989399	-1.01071	0.00453823	0.64755	-1.54428	0.684389	0.954117	-1.04809	0.83317	1.02454	1.02454	2.22643	0.46579	0.185964	1
cg08160526	SRI	0.136762	0.23172	0.873582	-1.14471	0.291796	0.888823	-1.12508	0.210315	0.867416	-1.15285	0.0958919	0.82115	-1.2178	0.0621239	0.797486	-1.25394	0.14609	0.845248	-1.18309	0.0675388	1.24693	1.24693	0.144015	0.844405	-1.18427	0.540468	0.935411	-1.06905	2.2264	0.409373	0.163442	1
cg04065210	DPY19L1	0.136763	0.120045	0.208454	-4.79723	0.230126	3.22404	3.22404	0.537199	1.78771	1.78771	0.193548	0.278278	-3.59352	0.123722	0.212221	-4.71208	0.336939	0.398323	-2.51053	0.0226227	0.0790269	-12.6539	0.509646	0.536919	-1.86248	0.109156	0.197059	-5.07463	2.22639	30.4826	12.1702	1
cg12974607	ASB9;ASB9;ASB9;ASB9	0.13677	0.839721	0.945525	-1.05761	0.372488	0.776265	-1.28822	0.0128215	0.42529	-2.35134	0.736697	1.09784	1.09784	0.0623077	0.559664	-1.78679	0.59979	1.15772	1.15772	0.140399	1.5507	1.5507	0.608742	0.866923	-1.15351	0.625453	0.872775	-1.14577	2.22635	2.69785	1.07714	1
cg23164535	TNXB	0.136771	0.0354416	0.264993	-3.77369	0.0589566	0.314558	-3.17907	0.122745	0.403779	-2.4766	0.0801018	0.34889	-2.86624	0.19801	0.478152	-2.09138	0.129319	0.411155	-2.43217	0.0455998	0.288486	-3.46638	0.102284	0.379201	-2.63713	0.122719	0.403749	-2.47679	2.22634	10.3699	4.14031	1
cg23969338	PCDHB2	0.136771	0.0561666	0.271189	-3.68746	0.578678	1.40277	1.40277	0.107385	2.88711	2.88711	0.407657	0.599881	-1.667	0.346312	1.79525	1.79525	0.571596	0.708282	-1.41187	0.0650281	3.49028	3.49028	0.352243	0.56126	-1.78171	0.188725	2.31679	2.31679	2.22634	12.8356	5.12476	1
cg18464903	IGF2BP2;IGF2BP2	0.136773	0.532721	1.24624	1.24624	0.0983982	0.531831	-1.8803	0.196026	0.62107	-1.61013	0.113665	0.549017	-1.82144	0.398205	1.35166	1.35166	0.153895	1.70202	1.70202	0.125448	0.561177	-1.78197	0.350391	1.39773	1.39773	0.131358	0.566972	-1.76376	2.22632	4.27921	1.70853	1
cg25670974	NXN	0.136773	0.0713745	0.252091	-3.96682	0.549549	1.51337	1.51337	0.190152	2.58431	2.58431	0.391591	0.548461	-1.82328	0.0486039	0.214072	-4.67132	0.3007	0.480074	-2.08301	0.172745	0.370498	-2.69907	0.0497425	0.216189	-4.62559	0.387681	0.545605	-1.83283	2.22632	16.5101	6.59188	1
cg03547640	PADI4	0.136776	0.0625552	0.331931	-3.01267	0.327688	0.58764	-1.70172	0.479251	0.68491	-1.46005	0.0713486	0.34655	-2.88559	0.0237733	0.241738	-4.13671	0.227222	0.513218	-1.94849	0.0444181	0.296787	-3.36943	0.106883	0.396043	-2.52498	0.096535	0.382865	-2.61189	2.2263	9.76251	3.89785	1
cg16852837	MBD2;MBD2;MBD2;MBD2	0.136783	0.26975	0.261282	-3.82729	0.849497	1.24673	1.24673	0.147219	6.20283	6.20283	0.523014	0.471031	-2.123	0.860957	0.815863	-1.2257	?	?	?	0.0217259	0.0371729	-26.9013	?	?	?	0.114655	0.132997	-7.51894	2.38769	38.7851	16.2438	1
cg24181605	C2CD4B	0.136785	0.45936	0.75311	-1.32783	0.257092	0.640721	-1.56074	0.79253	0.905549	-1.1043	0.132433	1.84243	1.84243	0.0321606	0.388888	-2.57143	0.394679	1.38834	1.38834	0.788941	0.903952	-1.10625	0.0452744	0.421299	-2.37361	0.183345	0.587823	-1.70119	2.22623	4.99452	1.99421	1
cg14151795	RBMXL3;LRCH2	0.136785	0.296904	1.29516	1.29516	0.0700124	1.62329	1.62329	0.930906	1.02096	1.02096	0.0312188	1.83044	1.83044	0.0156188	2.03181	2.03181	0.275904	1.31135	1.31135	0.565639	1.14899	1.14899	0.863888	0.959797	-1.04189	0.676712	0.904585	-1.10548	2.22623	2.01651	0.805153	1
cg01276323	KCNQ4;KCNQ4	0.136786	0.318831	0.82983	-1.20507	0.513597	1.12743	1.12743	0.0164523	0.588183	-1.70015	0.491144	0.881073	-1.13498	0.951152	1.01115	1.01115	0.732113	1.06419	1.06419	0.0469585	1.50942	1.50942	0.417829	1.16172	1.16172	0.505888	0.88496	-1.13	2.22622	1.15581	0.461495	1
cg02026246	GAS2	0.136787	0.034298	0.262811	-3.80502	0.990437	1.00651	1.00651	0.70028	1.23284	1.23284	0.0925332	0.367206	-2.72327	0.107432	0.386413	-2.58791	0.253464	0.524442	-1.90679	0.382379	1.62385	1.62385	0.0337753	0.261454	-3.82477	0.542661	0.716416	-1.39584	2.22621	10.326	4.12298	1
cg12000995	KRTCAP3;KRTCAP3	0.136788	0.0743282	12.5516	12.5516	0.0280791	27.125	27.125	0.140068	7.53687	7.53687	0.219398	5.17149	5.17149	0.303469	3.88074	3.88074	0.722459	1.57417	1.57417	0.070315	13.1169	13.1169	0.0270419	27.95	27.95	0.13616	7.71372	7.71372	2.22621	57.0719	22.7879	1
cg27561786	RERE;RERE	0.13679	0.153525	0.74742	-1.33794	0.323785	0.823539	-1.21427	0.898744	1.02455	1.02455	0.349474	1.2014	1.2014	0.631343	1.09648	1.09648	0.869789	0.969229	-1.03175	0.00715964	1.93779	1.93779	0.829414	0.959728	-1.04196	0.541605	0.888949	-1.12492	2.22619	1.27965	0.510947	1
cg26876914	TACR1;TACR1	0.136791	0.397968	0.738384	-1.35431	0.132484	1.76633	1.76633	0.359981	1.39072	1.39072	0.877017	1.05577	1.05577	0.606412	1.19976	1.19976	0.123732	1.79364	1.79364	0.0400305	0.435322	-2.29715	0.0722023	2.02018	2.02018	0.290693	1.46854	1.46854	2.22618	4.33009	1.72895	1
cg00496378	ATP13A1	0.136791	0.164969	0.733726	-1.36291	0.00799702	0.491401	-2.035	0.550417	0.881364	-1.13461	0.879232	0.968718	-1.03229	0.108039	0.693146	-1.4427	0.259401	0.781976	-1.27881	0.404893	1.19499	1.19499	0.199295	0.753157	-1.32774	0.203238	0.755226	-1.32411	2.22618	1.54047	0.615091	1
cg04120680	PRDM16;PRDM16	0.136793	0.340654	0.861778	-1.16039	0.325021	0.857307	-1.16644	0.212173	1.22028	1.22028	0.00978084	1.64027	1.64027	0.217329	0.821501	-1.21728	0.844992	0.970782	-1.0301	0.376903	0.871657	-1.14724	0.987179	1.00244	1.00244	0.978124	0.995855	-1.00416	2.22617	0.809121	0.323075	1
cg02116333	HSD17B10;HSD17B10	0.136794	0.231752	0.369113	-2.7092	0.0133109	0.0874242	-11.4385	0.519246	1.68065	1.68065	0.0677689	5.08269	5.08269	0.94682	0.948375	-1.05444	0.220749	0.359529	-2.78142	0.617921	0.670593	-1.49122	0.942813	1.05866	1.05866	0.887133	1.11946	1.11946	2.22616	22.2625	8.88925	1
cg05304622	RYR1;RYR1	0.1368	0.983791	0.996808	-1.0032	0.906342	1.01869	1.01869	0.0497448	1.42223	1.42223	0.79519	0.95989	-1.04179	0.27276	0.83558	-1.19677	0.222889	1.2233	1.2233	0.0222047	0.649597	-1.53942	0.381943	0.868394	-1.15155	0.444417	1.13053	1.13053	2.22612	0.873104	0.34863	1
cg03757075	CUX2	0.136801	0.522927	1.15577	1.15577	0.16561	1.39185	1.39185	0.457934	0.844506	-1.18412	0.750812	0.931241	-1.07384	0.0150058	0.512456	-1.95139	0.26271	1.29836	1.29836	0.400156	0.824837	-1.21236	0.099751	0.668081	-1.49682	0.967847	1.00905	1.00905	2.22611	1.76264	0.703824	1
cg15317375	ZNF275	0.136801	0.0303481	0.31906	-3.13421	0.147263	0.497623	-2.00955	0.184063	0.53133	-1.88207	0.574957	1.28951	1.28951	0.0296956	0.317123	-3.15335	0.198746	0.54365	-1.83942	0.0547234	0.376112	-2.65878	0.414709	0.687869	-1.45377	0.270776	0.597768	-1.67289	2.22611	7.10038	2.8352	1
cg10737412	TMCO3	0.136804	0.802972	0.939284	-1.06464	0.823199	0.945473	-1.05767	0.541586	0.856565	-1.16745	0.224269	1.37694	1.37694	0.0742235	0.607479	-1.64615	0.129402	0.663297	-1.50762	0.0185948	2.04409	2.04409	0.786875	0.934353	-1.07026	0.937879	0.98066	-1.01972	2.22609	2.21333	0.883796	1
cg01205019	TBC1D1	0.136804	0.0202648	2.20311	2.20311	0.0515675	1.86883	1.86883	0.0360568	1.98981	1.98981	0.152425	1.54119	1.54119	0.0943717	1.6802	1.6802	0.458352	1.2375	1.2375	0.488117	1.2199	1.2199	0.919516	0.971882	-1.02893	0.773525	1.08483	1.08483	2.22609	2.80755	1.12107	1
cg09212468	CCDC135	0.136805	0.173554	0.645806	-1.54845	0.262316	0.702612	-1.42326	0.231464	0.684535	-1.46085	0.0799301	1.79816	1.79816	0.776811	1.08962	1.08962	0.567113	0.839715	-1.19088	0.26842	0.706029	-1.41637	0.488157	1.23699	1.23699	0.0222195	0.437042	-2.28811	2.22608	3.21513	1.28382	1
cg02699518	PRKCA	0.136805	0.225616	0.837366	-1.19422	0.0347232	1.40966	1.40966	0.214372	0.833329	-1.20001	0.915188	1.01497	1.01497	0.388631	1.13115	1.13115	0.253091	1.18115	1.18115	0.0608972	1.34267	1.34267	0.1173	1.2678	1.2678	0.810752	1.03403	1.03403	2.22608	0.685897	0.273883	1
cg10092241	SELV	0.136811	0.140554	0.713411	-1.40172	0.00958882	0.497277	-2.01095	0.43287	0.843252	-1.18589	0.661763	0.91049	-1.09831	0.0426608	0.608292	-1.64395	0.200969	0.749986	-1.33336	0.249564	0.773882	-1.29219	0.527572	1.14607	1.14607	0.623698	0.900024	-1.11108	2.22603	1.59973	0.638798	1
cg01809941	FAM105A	0.136812	0.0930596	0.459867	-2.17454	0.548876	1.29048	1.29048	0.151956	1.90655	1.90655	0.438541	1.39403	1.39403	0.051496	0.393766	-2.53958	0.24948	1.6587	1.6587	0.489658	0.744491	-1.3432	0.178966	1.82258	1.82258	0.240342	1.67673	1.67673	2.22602	6.23187	2.48849	1
cg23370328	RPL10L	0.136814	0.9789	0.989389	-1.01072	0.639506	1.2096	1.2096	0.0131213	0.289159	-3.45831	0.935309	0.967786	-1.03329	0.758105	1.1327	1.1327	0.0933496	2.10537	2.10537	0.0793652	2.1936	2.1936	0.979386	1.01048	1.01048	0.852007	0.927436	-1.07824	2.22601	5.73612	2.29054	1
cg05204981	DAPK3	0.136819	0.0962279	0.63805	-1.56728	0.565748	0.866911	-1.15352	0.719151	1.0929	1.0929	0.523076	1.17259	1.17259	0.094606	0.636372	-1.57141	0.0105298	0.453052	-2.20725	0.10806	0.649653	-1.53928	0.509593	0.848262	-1.17888	0.412131	0.8136	-1.22911	2.22597	2.13344	0.851941	1
cg21738441	ZNF28	0.136821	0.594026	0.811527	-1.23224	0.0716867	0.458112	-2.18287	0.0385954	0.394542	-2.53459	0.340031	1.46478	1.46478	0.929149	0.966068	-1.03512	0.560212	0.795602	-1.25691	0.0540526	2.3369	2.3369	0.741009	0.879191	-1.13741	0.234425	0.616417	-1.62228	2.22595	5.31226	2.12134	1
cg11176095	GPR126;GPR126;GPR126;GPR126	0.136826	0.356582	0.696315	-1.43613	0.0487193	0.423443	-2.36159	0.0205798	0.344812	-2.90013	0.383637	1.40638	1.40638	0.418436	0.729339	-1.37111	0.546354	0.792125	-1.26243	0.445567	0.743169	-1.34559	0.13275	1.85744	1.85744	0.693271	0.859569	-1.16337	2.22592	5.13703	2.0514	1
cg09662150	TM2D2;ADAM9;ADAM9;TM2D2;TM2D2;ADAM9;ADAM9;TM2D2	0.136827	0.811905	1.03992	1.03992	0.140465	1.29741	1.29741	0.572137	1.09826	1.09826	0.0134969	1.65218	1.65218	0.128546	1.30961	1.30961	0.928003	1.01495	1.01495	0.32133	0.845155	-1.18321	0.153946	1.28483	1.28483	0.0808128	1.37425	1.37425	2.22591	0.950442	0.379547	1
cg19954348	C5orf47	0.13683	0.45045	1.21409	1.21409	0.0292232	0.523012	-1.912	0.167831	0.69015	-1.44896	0.351958	0.785328	-1.27335	0.095617	0.630134	-1.58696	0.433199	0.817287	-1.22356	0.083051	1.62278	1.62278	0.353898	0.786135	-1.27205	0.984329	1.00497	1.00497	2.22589	2.24369	0.895997	1
cg00031476	BRE;RBKS;LOC100302650;BRE;BRE;BRE;BRE	0.136833	0.21259	0.755209	-1.32414	0.129695	1.4192	1.4192	0.113843	1.44468	1.44468	0.0409277	0.603758	-1.65629	0.225113	0.761497	-1.3132	0.706556	1.08425	1.08425	0.405983	1.19939	1.19939	0.940824	0.984248	-1.016	0.234926	1.30505	1.30505	2.22587	1.61233	0.643875	1
cg08178035	LRRC23;LRRC23;LRRC23	0.136834	0.0219146	0.659801	-1.51561	0.234543	0.828255	-1.20736	0.320324	0.856168	-1.16799	0.776467	0.957866	-1.04399	0.144087	0.788744	-1.26784	0.57572	1.08927	1.08927	0.0334989	0.68685	-1.45592	0.459189	0.892283	-1.12072	0.299424	1.1766	1.1766	2.22586	0.806183	0.321946	1
cg17760878	ADAMTS16	0.136837	0.441912	0.818548	-1.22168	0.543516	1.17002	1.17002	0.478435	0.831921	-1.20204	0.219556	1.39051	1.39051	0.74766	0.920878	-1.08592	0.37106	1.26432	1.26432	0.00691952	2.4413	2.4413	0.173378	1.4476	1.4476	0.670502	0.896476	-1.11548	2.22584	2.29863	0.917957	1
cg13396607	GRIK2;GRIK2;GRIK2	0.136842	0.098617	0.3574	-2.79799	0.271109	1.91725	1.91725	0.795455	1.15903	1.15903	0.261656	0.514283	-1.94445	0.0211345	0.206994	-4.83106	0.219599	0.480295	-2.08205	0.0651529	0.308423	-3.2423	0.982605	1.01246	1.01246	0.204532	0.467392	-2.13953	2.2258	11.377	4.54349	1
cg09514589	ETFA;ETFA	0.136846	0.756093	1.04964	1.04964	0.0490961	1.41808	1.41808	0.0583531	1.39462	1.39462	0.655437	0.932546	-1.07233	0.630534	0.927413	-1.07827	0.557426	0.911868	-1.09665	0.333597	0.856349	-1.16775	0.327881	1.17004	1.17004	0.0331557	1.47292	1.47292	2.22577	0.852327	0.340388	1
cg13488395	MMP17	0.136847	0.692825	1.1151	1.1151	0.802543	0.933561	-1.07117	0.693841	1.11467	1.11467	0.65473	1.13146	1.13146	0.0327317	0.503819	-1.98484	0.0347056	0.508887	-1.96507	0.0928285	0.602056	-1.66097	0.21397	1.43193	1.43193	0.92996	1.02441	1.02441	2.22576	2.65401	1.05991	1
cg24035447	C6orf138	0.13685	0.0271908	0.12745	-7.84622	0.0429964	0.159602	-6.26559	0.0361134	0.14653	-6.82453	0.6566	1.42279	1.42279	0.241403	0.380482	-2.62824	0.443042	0.539945	-1.85204	0.122557	0.267529	-3.73791	0.418516	0.521309	-1.91825	0.880735	1.12559	1.12559	2.22574	21.8889	8.7417	1
cg19198178	PSTPIP2	0.136851	0.586912	1.19385	1.19385	0.664212	1.15151	1.15151	0.271142	0.69072	-1.44776	0.928972	1.02921	1.02921	0.040628	0.466026	-2.1458	0.237166	1.49181	1.49181	0.0403209	2.14907	2.14907	0.128587	1.69979	1.69979	0.568439	1.20465	1.20465	2.22573	3.67721	1.46857	1
cg00631221	REPS1;REPS1	0.136851	0.0351427	0.204022	-4.90144	0.147763	0.365735	-2.73422	0.808993	1.16982	1.16982	0.423355	0.588822	-1.69831	0.236968	0.44821	-2.2311	0.724001	0.794826	-1.25814	0.0205362	0.16407	-6.09498	0.0612387	0.255115	-3.9198	0.112518	0.326608	-3.06177	2.22573	14.7876	5.90571	1
cg15660965	FAM165B	0.136853	0.228281	0.401775	-2.48895	0.438675	0.565753	-1.76756	0.756897	0.799387	-1.25096	0.449926	0.573977	-1.74223	0.0924973	0.263132	-3.80037	0.198501	0.375354	-2.66415	0.0110009	0.100225	-9.97756	0.0270164	0.151368	-6.6064	0.194937	0.372093	-2.6875	2.22572	18.3297	7.32038	1
cg03057216	VPS72;TMOD4	0.136853	0.121824	0.306714	-3.26037	0.312701	0.47907	-2.08738	0.158196	0.34537	-2.89545	0.294354	0.464665	-2.15209	0.0100202	0.101178	-9.88356	0.111233	0.294454	-3.39612	0.0407494	0.18927	-5.28345	0.769315	0.812826	-1.23028	0.238983	0.419354	-2.38462	2.22571	17.5054	6.99117	1
cg22263059	CX3CL1	0.136862	0.647493	0.872034	-1.14674	0.030554	0.469603	-2.12946	0.845322	1.05981	1.05981	0.0701169	1.82619	1.82619	0.354099	0.753097	-1.32785	0.0915891	0.575498	-1.73763	0.519163	1.21454	1.21454	0.240938	1.44069	1.44069	0.979886	0.99253	-1.00753	2.22565	3.11821	1.24537	1
cg17202086	PAK1;PAK1	0.136863	0.0452653	0.737895	-1.35521	0.773648	1.0389	1.0389	0.0200001	1.44993	1.44993	0.640486	0.939653	-1.06422	0.28066	0.862087	-1.15998	0.617172	1.06897	1.06897	0.691158	1.05427	1.05427	0.193333	0.833469	-1.1998	0.894878	0.982657	-1.01765	2.22564	0.617311	0.246545	1
cg15056128	KRT222	0.136865	0.808018	1.07985	1.07985	0.0190834	2.44807	2.44807	0.0162573	2.52799	2.52799	0.969908	1.01198	1.01198	0.413662	1.30177	1.30177	0.986862	0.994817	-1.00521	0.307784	0.716661	-1.39536	0.467421	1.26282	1.26282	0.816686	0.929343	-1.07603	2.22563	3.51038	1.40201	1
cg14601770	C8orf42	0.136867	0.0389614	0.18614	-5.37229	0.121289	0.306749	-3.26	0.0497812	0.207177	-4.82678	0.101854	0.283738	-3.52438	0.0385064	0.185187	-5.39996	0.510415	0.625223	-1.59943	0.87056	0.891618	-1.12156	0.708182	0.76759	-1.30278	0.0621522	0.22828	-4.38058	2.22561	17.4427	6.96647	1
cg01027929	HNRNPA2B1;CBX3;CBX3;HNRNPA2B1;CBX3	0.13687	0.728123	1.10654	1.10654	0.0290168	0.464923	-2.15089	0.117623	0.6071	-1.64718	0.440934	1.25673	1.25673	0.123103	0.612417	-1.63287	0.0932989	0.580878	-1.72153	0.606561	1.16277	1.16277	0.330357	1.33992	1.33992	0.535855	1.19975	1.19975	2.34621	3.05758	1.0136	1
cg20838323	SNORD32B	0.136872	0.150877	1.75964	1.75964	0.436018	0.746982	-1.33872	0.0228955	0.368156	-2.71624	0.0808425	0.491321	-2.03533	0.997923	0.999045	-1.00096	0.0876403	0.50053	-1.99788	0.572334	1.23299	1.23299	0.925049	1.03514	1.03514	0.705575	1.1495	1.1495	2.22557	4.74974	1.89704	1
cg21892295	UNC119B	0.136873	0.0449973	0.22336	-4.47707	0.272093	0.474792	-2.10619	0.0708627	0.268465	-3.72488	0.14169	0.357159	-2.79987	0.0284039	0.185334	-5.39567	0.124241	0.338046	-2.95818	0.056167	0.244325	-4.09291	0.9505	1.04128	1.04128	0.721286	0.791834	-1.26289	2.22557	14.9647	5.97688	1
cg15204740	LPIN3	0.136873	0.198201	1.92407	1.92407	0.0244463	3.63348	3.63348	0.26487	1.74931	1.74931	0.133681	2.17813	2.17813	0.642345	0.798452	-1.25242	0.235291	1.8196	1.8196	0.0266409	3.54045	3.54045	0.453126	1.44455	1.44455	0.0706667	2.64349	2.64349	2.22556	8.16338	3.26045	1
cg08400962	CHST8;CHST8	0.136874	0.615772	0.710365	-1.40773	0.0881302	3.56741	3.56741	0.193607	2.53363	2.53363	0.179831	2.6189	2.6189	0.759928	1.23016	1.23016	0.627255	0.718405	-1.39197	0.730004	0.791246	-1.26383	0.00840971	9.72577	9.72577	0.332172	1.96628	1.96628	2.22556	16.1	6.43034	1
cg24938286	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.136874	0.888762	0.948561	-1.05423	0.318394	1.47571	1.47571	0.0775109	2.09689	2.09689	0.554753	0.79816	-1.25288	0.501733	0.773153	-1.29341	0.644624	0.839238	-1.19156	0.816683	0.916107	-1.09158	0.630838	1.20046	1.20046	0.00730321	3.68901	3.68901	2.22555	5.01897	2.00458	1
cg26282384	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB4;PCDHGA7;PCDHGB2;PCDHGB4	0.136878	0.0948211	6.39491	6.39491	0.11692	5.59291	5.59291	0.108452	5.86947	5.86947	0.193225	4.02124	4.02124	0.131247	5.19053	5.19053	0.309735	2.8933	2.8933	0.0691752	7.80689	7.80689	0.013104	22.4174	22.4174	0.123027	5.41236	5.41236	2.22553	36.0056	14.3809	1
cg25131551	ALX3	0.136881	0.118633	0.37384	-2.67494	0.246366	0.494543	-2.02207	0.0725126	0.312264	-3.20242	0.678384	1.27405	1.27405	0.0101268	0.151956	-6.58087	0.385753	0.596628	-1.67608	0.0749568	0.316039	-3.16417	0.706114	0.802494	-1.24611	0.332404	0.559457	-1.78745	2.22551	11.891	4.74936	1
cg14194634	LOC402377	0.136882	0.286329	0.396692	-2.52085	0.170938	0.295987	-3.37853	0.0391077	0.136176	-7.34344	0.0683615	0.181952	-5.49594	0.0146202	0.0812142	-12.3131	0.434364	0.513718	-1.94659	0.0830015	0.201328	-4.96702	0.639135	0.6741	-1.48346	0.186712	0.310747	-3.21805	2.2255	24.5776	9.81657	1
cg05890849	PRIMA1	0.136887	0.104054	2.17145	2.17145	0.0239458	3.23923	3.23923	0.170165	1.89153	1.89153	0.135945	2.01584	2.01584	0.782679	1.12821	1.12821	0.0826065	2.31345	2.31345	0.0661599	2.45764	2.45764	0.050859	2.63933	2.63933	0.165998	1.905	1.905	2.22546	6.70915	2.67976	1
cg25714147	THSD7B	0.13689	0.0114515	0.0697255	-14.342	0.632226	1.5006	1.5006	0.564887	1.63196	1.63196	0.240532	0.355482	-2.81308	0.561174	0.609835	-1.63979	0.564951	0.612811	-1.63183	0.958794	0.957442	-1.04445	0.0613997	0.16967	-5.89379	0.0778693	0.192195	-5.20305	2.22544	24.9715	9.97415	1
cg22855441	KIF26B	0.136891	0.468201	0.898219	-1.11331	0.31963	1.16133	1.16133	0.130153	1.26839	1.26839	0.142814	1.25741	1.25741	0.279736	0.849233	-1.17753	0.0717184	1.33967	1.33967	0.456217	1.11668	1.11668	0.0596676	0.734122	-1.36217	0.457419	1.11634	1.11634	2.22543	0.745459	0.297754	1
cg10113526	DENND3	0.136894	0.0886807	0.19741	-5.06559	0.394085	0.470398	-2.12586	0.0743017	0.179402	-5.57409	0.358684	0.44245	-2.26014	0.160682	0.274004	-3.64959	0.0978976	0.20831	-4.80055	0.00840231	0.0545603	-18.3283	0.860985	0.859471	-1.16351	0.278721	0.377928	-2.646	2.2254	26.3081	10.5082	1
cg04965987	DSCR6	0.136895	0.0761586	8.43921	8.43921	0.271615	3.44528	3.44528	0.18135	4.63554	4.63554	0.205665	4.23392	4.23392	0.420209	2.4355	2.4355	0.481155	2.16837	2.16837	0.0162455	23.9766	23.9766	0.0479619	11.5168	11.5168	0.043702	12.2587	12.2587	2.2254	41.1786	16.4479	1
cg16513079	NCRNA00171	0.1369	0.0313594	0.275257	-3.63296	0.123503	0.426422	-2.3451	0.277076	0.561288	-1.78162	0.879122	0.925196	-1.08085	0.278902	0.562616	-1.77741	0.293469	1.74497	1.74497	0.0890078	0.383571	-2.60708	0.139526	0.443822	-2.25316	0.0509901	0.321218	-3.11315	2.22536	9.19893	3.67438	1
cg04093932	HRNBP3	0.1369	0.453446	0.875364	-1.14238	0.0168383	1.66255	1.66255	0.599396	1.09679	1.09679	0.767389	0.949611	-1.05306	0.68592	0.931588	-1.07344	0.1528	0.765749	-1.30591	0.0573495	0.68747	-1.45461	0.405608	0.862164	-1.15987	0.923637	0.983427	-1.01685	2.22536	1.07081	0.427722	1
cg02208793	DLG2;DLG2	0.136902	0.381986	0.602502	-1.65974	0.0534786	0.289557	-3.45355	0.303594	0.547651	-1.82598	0.957156	0.970098	-1.03082	0.0491912	0.28119	-3.55632	0.0752692	0.32654	-3.06242	0.156128	0.424282	-2.35692	0.016386	0.190548	-5.24802	0.636879	0.764368	-1.30827	2.22534	11.2543	4.49542	1
cg00089550	SLC43A1	0.136905	0.11032	1.67146	1.67146	0.52718	1.20819	1.20819	0.090713	1.73353	1.73353	0.0242959	2.20899	2.20899	0.770237	1.0903	1.0903	0.10984	0.597792	-1.67282	0.429561	1.26875	1.26875	0.72667	1.10915	1.10915	0.126428	1.62916	1.62916	2.22532	3.07114	1.22675	1
cg22748815	PILRB;PILRB;PILRB	0.136906	0.591958	1.51154	1.51154	0.0225305	8.05411	8.05411	0.0162163	9.44195	9.44195	0.999264	0.999296	-1.0007	0.242976	0.393405	-2.54191	0.922315	1.07732	1.07732	0.443669	1.81541	1.81541	0.298855	2.27545	2.27545	0.928045	1.0714	1.0714	2.22532	20.5474	8.20754	1
cg10500911	OMA1	0.136906	0.0343082	0.398811	-2.50745	0.502273	0.776072	-1.28854	0.163406	0.574764	-1.73985	0.573162	0.809006	-1.23609	0.0154351	0.330725	-3.02366	0.21819	0.617405	-1.61968	0.139659	0.553355	-1.80716	0.941386	0.972994	-1.02776	0.0580037	0.450323	-2.22063	2.22532	4.8852	1.95137	1
cg15995216	NUP133	0.13691	0.353123	0.84184	-1.18787	0.641951	1.08804	1.08804	0.544474	1.11688	1.11688	0.333025	0.835321	-1.19714	0.432389	0.865559	-1.15532	0.321098	1.20289	1.20289	0.00697816	0.533219	-1.8754	0.432625	0.865625	-1.15523	0.377651	1.17718	1.17718	2.22529	1.14439	0.457126	1
cg17113936	EGFLAM	0.136911	0.0826472	0.60207	-1.66094	0.0468954	0.548541	-1.82302	0.597445	1.15105	1.15105	0.255987	0.731245	-1.36753	0.0643614	0.577775	-1.73078	0.996517	0.998848	-1.00115	0.650203	1.12807	1.12807	0.24749	1.37599	1.37599	0.105137	0.626625	-1.59585	2.22528	2.45575	0.980951	1
cg18136675	TAF9B	0.136916	0.310344	1.83593	1.83593	0.620658	0.749205	-1.33475	0.80085	0.86391	-1.15753	0.188775	0.446709	-2.23859	0.096245	0.347463	-2.87801	0.38812	0.599332	-1.66852	0.270465	1.94269	1.94269	0.0189101	5.18264	5.18264	0.785772	1.17079	1.17079	2.22524	11.8052	4.71569	1
cg04892447	MAP1LC3B	0.136917	0.269178	1.32508	1.32508	0.503327	1.18073	1.18073	0.110465	1.53028	1.53028	0.081755	1.6029	1.6029	0.38082	0.802616	-1.24593	0.51953	0.852397	-1.17316	0.0483788	0.575966	-1.73621	0.321657	1.28459	1.28459	0.185257	1.41005	1.41005	2.22523	2.10858	0.84229	1
cg05717833	KIF23;KIF23	0.136918	0.263255	0.802485	-1.24613	0.186215	1.30266	1.30266	0.649646	1.09011	1.09011	0.212006	1.28151	1.28151	0.00867941	0.532005	-1.87968	0.424326	0.857321	-1.16642	0.817306	0.957281	-1.04462	0.76212	0.944332	-1.05895	0.636799	0.914173	-1.09389	2.22522	1.25449	0.501119	1
cg11867195	ZBTB33	0.13692	0.0815874	0.236462	-4.22901	0.00673648	0.072472	-13.7984	0.648198	0.709512	-1.40942	0.561065	1.55127	1.55127	0.842278	0.861714	-1.16048	0.118483	0.281923	-3.54707	0.950835	0.954981	-1.04714	0.879653	0.892983	-1.11984	0.715083	1.31506	1.31506	2.22521	19.6685	7.85683	1
cg14931071	PHACTR1	0.13692	0.300368	0.732543	-1.36511	0.206922	0.679763	-1.4711	0.146547	1.57135	1.57135	0.126248	1.61569	1.61569	0.411635	0.783909	-1.27566	0.453396	0.801311	-1.24795	0.0566561	0.534896	-1.86952	0.414737	1.27351	1.27351	0.162125	1.54169	1.54169	2.22521	2.96411	1.18405	1
cg11890169	PCCA;PCCA	0.136921	0.255558	0.760599	-1.31475	0.259291	1.3117	1.3117	0.62446	0.89248	-1.12047	0.476943	0.84643	-1.18143	0.00553963	0.431564	-2.31715	0.930274	1.02038	1.02038	0.942845	0.983605	-1.01667	0.349781	1.24845	1.24845	0.979658	0.994139	-1.0059	2.2252	1.87326	0.748303	1
cg06332484	TULP4;TULP4	0.136922	0.36842	0.768745	-1.30082	0.0131384	0.416672	-2.39997	0.059518	0.545821	-1.8321	0.322435	0.747535	-1.33773	0.0453342	0.520173	-1.92244	0.661363	0.882073	-1.13369	0.638736	1.14409	1.14409	0.372873	0.77072	-1.29749	0.153524	0.647241	-1.54502	2.22519	2.85612	1.14092	1
cg09907068	HECW2	0.136922	0.284759	0.694969	-1.43891	0.0177176	0.388866	-2.57158	0.178684	0.626314	-1.59664	0.0611091	0.501002	-1.996	0.11318	0.5686	-1.75871	0.876789	0.950458	-1.05212	0.748992	1.11086	1.11086	0.925529	0.969847	-1.03109	0.0493135	0.479613	-2.08501	2.22519	3.77973	1.50987	1
cg02274509	C10orf137	0.136925	0.325956	1.23422	1.23422	0.0572298	1.56259	1.56259	0.808247	1.05174	1.05174	0.181554	1.34214	1.34214	0.0114845	1.92727	1.92727	0.691615	0.920605	-1.08624	0.405773	0.838216	-1.19301	0.819545	0.953695	-1.04855	0.222073	1.30509	1.30509	2.22517	1.51721	0.606078	1
cg25933095	DLC1;DLC1;DLC1	0.136926	0.0720396	0.191506	-5.22176	0.0762275	5.07234	5.07234	0.0763979	5.06652	5.06652	0.97706	0.97661	-1.02395	0.201749	0.329689	-3.03316	0.134754	3.77078	3.77078	0.518056	1.71495	1.71495	0.472758	0.548191	-1.82418	0.885684	1.12571	1.12571	2.22516	23.8783	9.53872	1
cg09304272	MLH3;MLH3	0.136927	0.997149	0.998889	-1.00111	0.0929061	1.77765	1.77765	0.0935236	1.77535	1.77535	0.731829	0.898483	-1.11299	0.819841	0.931472	-1.07357	0.0405612	2.08748	2.08748	0.173853	0.637479	-1.56868	0.0818245	1.82229	1.82229	0.644166	0.865251	-1.15573	2.22516	3.41274	1.36329	1
cg02067788	HSPA4	0.136927	0.0765543	0.515646	-1.93931	?	?	?	0.409344	0.752998	-1.32802	0.482231	1.27141	1.27141	0.368514	0.733055	-1.36415	0.840051	1.0703	1.0703	0.0167751	0.374808	-2.66803	0.199608	1.57714	1.57714	0.924478	0.968625	-1.03239	2.24456	3.57179	1.59131	1
cg00690710	AKR7A3	0.136928	0.186837	1.31786	1.31786	0.249371	1.26805	1.26805	0.321268	1.22402	1.22402	0.440745	1.16776	1.16776	0.25617	1.2634	1.2634	0.0969288	1.43248	1.43248	0.0104779	1.88799	1.88799	0.0716293	1.48704	1.48704	0.049225	1.55706	1.55706	2.22515	1.37128	0.547791	1
cg09916599	LOXL1	0.136928	0.246715	0.780509	-1.28121	0.996254	1.00096	1.00096	0.0467168	0.627583	-1.59342	0.0892122	0.681523	-1.4673	0.751602	0.9371	-1.06712	0.509674	1.14663	1.14663	0.0368053	1.64245	1.64245	0.471639	1.1616	1.1616	0.930636	0.982347	-1.01797	2.22515	1.47498	0.589215	1
cg08569414	EXOSC5;EXOSC5;BCKDHA;BCKDHA	0.136932	0.738024	0.916632	-1.09095	0.021507	0.488644	-2.04648	0.900653	0.968132	-1.03292	0.467075	1.21156	1.21156	0.69222	0.901969	-1.10869	0.146921	0.667856	-1.49733	0.0235781	0.496032	-2.016	0.429321	1.23272	1.23272	0.753132	1.08526	1.08526	2.22512	2.36989	0.94672	1
cg25516881	ACADL	0.13694	0.33979	0.6521	-1.53351	0.111754	0.471093	-2.12273	0.045425	0.368906	-2.71072	0.710564	1.17585	1.17585	0.0197156	0.294062	-3.40064	0.101123	0.458313	-2.18192	0.211343	0.564251	-1.77226	0.854793	0.923474	-1.08287	0.090635	0.44478	-2.2483	2.22506	6.65551	2.65881	1
cg10333023	KCNJ5;C11orf45	0.136941	0.304442	1.6135	1.6135	0.982679	1.00981	1.00981	0.848236	1.09	1.09	0.62574	1.24745	1.24745	0.580475	1.28546	1.28546	0.807737	1.11591	1.11591	0.0042699	5.58269	5.58269	0.0538097	2.67748	2.67748	0.441088	1.42386	1.42386	2.22505	7.13049	2.84857	1
cg14003780	PRPSAP2	0.136942	0.0595789	1.79004	1.79004	0.425354	0.800177	-1.24972	0.183675	0.679594	-1.47147	0.298237	1.34349	1.34349	0.353733	1.2986	1.2986	0.691497	0.89653	-1.11541	0.0180874	2.19503	2.19503	0.666293	0.887978	-1.12615	0.938752	1.02127	1.02127	2.22504	2.64257	1.05569	1
cg08240466	ASIP	0.136944	0.055027	0.39025	-2.56246	0.0561262	0.392329	-2.54888	0.0184635	0.290513	-3.44218	0.792136	0.892047	-1.12102	0.0328256	0.339651	-2.9442	0.409387	0.694251	-1.4404	0.5619	0.775963	-1.28872	0.353478	0.661717	-1.51122	0.363475	0.667683	-1.49772	2.22503	6.59222	2.63356	1
cg16421621	MIR328;ELMO3	0.136946	0.668149	1.08448	1.08448	0.940702	0.986107	-1.01409	0.812731	1.04564	1.04564	0.992587	1.00175	1.00175	0.0656377	0.678076	-1.47476	0.0889623	0.702739	-1.423	0.0163357	1.73683	1.73683	0.984615	0.996381	-1.00363	0.601893	1.10404	1.10404	2.22501	1.24613	0.497826	1
cg02365079	TMEM132D	0.136947	0.300517	1.56144	1.56144	0.0321636	0.35265	-2.83568	0.0426674	0.379365	-2.63599	0.299771	0.639962	-1.56259	0.69181	1.17997	1.17997	0.943268	1.03	1.03	0.199967	1.75484	1.75484	0.522262	0.763859	-1.30914	0.195313	0.56614	-1.76635	2.22501	6.07958	2.42879	1
cg01100175	KIF5C	0.136947	0.235682	3.99165	3.99165	0.214785	4.28253	4.28253	0.824679	0.78104	-1.28034	0.269722	3.59721	3.59721	0.254681	0.265883	-3.76105	0.554162	1.94736	1.94736	0.00939464	39.1683	39.1683	0.0895044	8.04662	8.04662	0.61013	1.77319	1.77319	2.225	43.7183	17.4655	1
cg11225091	EIF1AY;EIF1AY	0.136948	0.615579	0.618615	-1.61651	0.0153953	16.7908	16.7908	0.0346292	10.3479	10.3479	?	?	?	0.181285	3.84316	3.84316	0.87659	0.862931	-1.15884	0.718751	0.709592	-1.40926	0.674823	1.49223	1.49223	0.963586	1.04426	1.04426	2.2444	28.4337	12.6688	1
cg19787532	TBX5;TBX5;TBX5;TBX5	0.136952	0.199914	0.32617	-3.06589	0.449632	0.528669	-1.89154	0.762713	1.2847	1.2847	0.538555	0.597397	-1.67393	0.197338	0.323838	-3.08796	0.493163	0.562257	-1.77855	0.0191133	0.0957147	-10.4477	0.127882	3.90343	3.90343	0.0654389	0.180719	-5.53346	2.22497	24.1208	9.63642	1
cg06975686	HSPA9;HSPA9	0.136953	0.953519	0.979101	-1.02134	0.0790667	2.02684	2.02684	0.537102	1.25413	1.25413	0.671236	1.1673	1.1673	0.41758	1.35006	1.35006	0.0357126	2.42439	2.42439	0.0325742	0.404002	-2.47524	0.709812	0.87334	-1.14503	0.554807	1.24165	1.24165	2.22496	4.6261	1.84816	1
cg12787072	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.136954	0.111589	1.62815	1.62815	0.0384872	1.96286	1.96286	0.0699219	1.76832	1.76832	0.580381	0.854649	-1.17007	0.0541118	1.84943	1.84943	0.182015	1.48951	1.48951	0.510898	1.20632	1.20632	0.433278	0.798581	-1.25222	0.731345	0.907608	-1.1018	2.22495	2.788	1.11383	1
cg14990333	ZNF221	0.136955	0.118584	1.38291	1.38291	0.321017	1.21675	1.21675	0.349335	0.831649	-1.20243	0.140009	1.35503	1.35503	0.0832753	1.44323	1.44323	0.38735	1.18476	1.18476	0.286566	0.809165	-1.23584	0.0947677	0.703738	-1.42098	0.383645	0.842877	-1.18641	2.22494	1.29016	0.515433	1
cg15423998	MARCH8;MARCH8;MARCH8	0.136959	0.173427	1.58532	1.58532	0.0156962	2.56522	2.56522	0.0436686	2.09128	2.09128	0.656235	1.15318	1.15318	0.715976	0.890257	-1.12327	0.537757	0.819967	-1.21956	0.721071	1.12081	1.12081	0.42854	0.773275	-1.2932	0.461546	0.787842	-1.26929	2.22491	3.56621	1.42476	1
cg00139455	C2orf71	0.136959	0.282132	1.23689	1.23689	0.0101827	1.85216	1.85216	0.371529	1.19068	1.19068	0.0543642	1.51475	1.51475	0.724639	1.06959	1.06959	0.254898	0.797631	-1.25371	0.334008	1.20868	1.20868	0.642623	1.09296	1.09296	0.714604	0.932526	-1.07236	2.22491	1.27491	0.509348	1
cg26360484	SERINC2	0.136961	0.668452	0.774455	-1.29123	0.19365	2.26134	2.26134	0.0399211	4.09147	4.09147	0.0169717	5.62504	5.62504	0.557554	0.703366	-1.42173	0.971023	0.978681	-1.02178	0.298204	1.89597	1.89597	0.0916704	3.00941	3.00941	0.461061	1.56078	1.56078	2.2249	12.4019	4.95477	1
cg08223837	CSNK1D;CSNK1D	0.136962	0.0632193	0.495672	-2.01746	0.668766	1.15555	1.15555	0.422302	0.759312	-1.31698	0.555569	0.818508	-1.22174	0.065593	0.499506	-2.00198	0.0615959	0.492985	-2.02846	0.0171004	0.376664	-2.65488	0.65153	0.858365	-1.16501	0.178407	0.618604	-1.61654	2.22489	3.97628	1.5886	1
cg11839729	TUT1	0.136964	0.378362	0.824674	-1.2126	0.229123	1.30887	1.30887	0.389126	0.828419	-1.20712	0.870463	1.03542	1.03542	0.160611	1.37665	1.37665	0.332531	1.23764	1.23764	0.16646	1.3698	1.3698	0.0376728	1.6723	1.6723	0.0294355	1.72805	1.72805	2.22488	1.6029	0.640395	1
cg04716021	ZMIZ1	0.136968	0.646477	1.21931	1.21931	0.220946	0.57552	-1.73756	0.0549246	2.54621	2.54621	0.273359	1.63141	1.63141	0.828319	1.09773	1.09773	0.127827	0.493184	-2.02764	0.0590738	0.400445	-2.49722	0.958626	1.02252	1.02252	0.212489	1.75737	1.75737	2.22485	6.49596	2.59532	1
cg22805308	PLEKHG5;PLEKHG5	0.136975	0.106916	0.559734	-1.78656	0.111367	0.564527	-1.77139	0.21536	0.650537	-1.53719	0.447354	1.29089	1.29089	0.125865	0.579229	-1.72643	0.36404	0.735256	-1.36007	0.102013	0.554281	-1.80414	0.0302267	0.431665	-2.31661	0.377461	1.34794	1.34794	2.2248	3.83019	1.53031	1
cg12256538	CHCHD10	0.136978	0.0432341	2.34534	2.34534	0.290204	0.679071	-1.4726	0.950059	1.02203	1.02203	0.0436697	2.33953	2.33953	0.648488	0.8521	-1.17357	0.101351	0.524539	-1.90644	0.661823	1.16585	1.16585	0.728624	0.885734	-1.12901	0.323412	0.698398	-1.43185	2.51515	4.59102	1.2169	1
cg01432055	SLC12A8	0.136983	0.766304	0.944575	-1.05868	0.13706	1.35851	1.35851	0.104702	0.712306	-1.40389	0.0212291	0.588684	-1.6987	0.630077	1.09728	1.09728	0.266712	1.24779	1.24779	0.445196	1.16054	1.16054	0.939593	1.0146	1.0146	0.243833	0.791932	-1.26273	2.22473	1.28955	0.515236	1
cg06966242	AJAP1;AJAP1	0.136986	0.103537	0.292424	-3.41969	0.150598	0.345076	-2.89791	0.0578181	0.227356	-4.39839	0.295388	0.472656	-2.1157	0.0106264	0.108759	-9.19461	0.21705	0.407807	-2.45214	0.074499	0.253537	-3.9442	0.275862	0.457114	-2.18764	0.21868	0.409236	-2.44358	2.22471	16.8046	6.71436	1
cg25602756	NLRP3;NLRP3;NLRP3;NLRP3	0.136987	0.553355	0.82329	-1.21464	0.034339	0.449092	-2.22672	0.376057	1.34258	1.34258	0.554172	1.21414	1.21414	0.197552	0.642938	-1.55536	0.115925	0.57458	-1.7404	0.049462	0.483364	-2.06883	0.0695191	0.5177	-1.93162	0.738192	0.896924	-1.11492	2.2247	3.70535	1.48049	1
cg00585253	CCDC75;HEATR5B	0.13699	0.40198	0.673822	-1.48407	0.293364	0.605511	-1.6515	0.811665	1.11613	1.11613	0.332124	1.58488	1.58488	0.0126364	0.240041	-4.16595	0.625811	0.797571	-1.25381	0.219332	1.81216	1.81216	0.957939	0.976018	-1.02457	0.13866	2.08273	2.08273	2.22468	7.4638	2.98222	1
cg27641830	RBM39;RBM39	0.136991	0.1927	2.54106	2.54106	0.472398	1.60378	1.60378	0.0799776	0.248935	-4.01712	0.102476	0.284321	-3.51715	0.128479	3.12504	3.12504	?	?	?	?	?	?	0.564799	0.688275	-1.45291	0.245025	2.25109	2.25109	3.23103	13.9351	2.46452	1
cg05654780	BCAN	0.136992	0.0612329	0.27133	-3.68555	0.013159	0.149379	-6.69437	0.117236	0.349122	-2.86433	0.56665	0.698931	-1.43076	0.138529	0.372979	-2.68112	0.275523	0.495806	-2.01692	0.0745456	0.292692	-3.41656	0.119662	0.351951	-2.84131	0.152702	0.387804	-2.57862	2.22467	13.4764	5.38464	1
cg06233904	STX4	0.136997	0.0991583	0.756426	-1.32201	0.345023	1.16206	1.16206	0.0189305	1.55099	1.55099	0.301817	0.847729	-1.17962	0.701505	1.06128	1.06128	0.450135	1.12618	1.12618	0.170237	0.79807	-1.25302	0.641826	1.07502	1.07502	0.527127	0.905789	-1.10401	2.22463	0.840205	0.335719	1
cg13986881	RFC2;RFC2	0.136997	0.152478	1.25342	1.25342	0.404551	1.13394	1.13394	0.0272171	1.46991	1.46991	0.71941	1.05461	1.05461	0.0308343	1.45312	1.45312	0.296927	0.852673	-1.17278	0.880376	1.02244	1.02244	0.767002	0.957153	-1.04477	0.338526	0.864675	-1.1565	2.22463	0.765309	0.305793	1
cg19734536	SLAMF1	0.136998	0.123481	0.450575	-2.21939	0.606286	0.780039	-1.28199	0.132442	0.46034	-2.17231	0.0318418	0.300585	-3.32685	0.0133861	0.231383	-4.32184	0.251022	0.563789	-1.77371	0.295539	0.59552	-1.6792	0.162297	0.490229	-2.03986	0.110098	0.435125	-2.29819	2.22462	8.0443	3.21425	1
cg01418645	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNFOS;	0.136999	0.0471003	0.60563	-1.65117	0.793801	1.05952	1.05952	0.632471	1.11221	1.11221	0.109276	0.680172	-1.47022	0.0400095	0.592234	-1.68852	0.870844	0.964724	-1.03657	0.03725	0.586455	-1.70516	0.468436	0.849749	-1.17682	0.136641	0.701938	-1.42463	2.22461	1.71628	0.685777	1
cg09902229	CTSZ;CTSZ	0.137003	0.049685	56.5512	56.5512	0.195835	11.7667	11.7667	0.168471	14.0796	14.0796	0.139976	17.4944	17.4944	0.176709	13.305	13.305	0.826849	1.48411	1.48411	0.0246096	124.474	124.474	0.931658	0.856773	-1.16717	0.035433	82.5751	82.5751	2.22458	114.434	45.7253	1
cg03021329	ITGB5	0.137006	0.100545	0.441301	-2.26603	0.231308	0.564992	-1.76994	0.0695073	0.397232	-2.51742	0.0361536	0.330229	-3.0282	0.211053	0.549244	-1.82069	0.0220714	0.286983	-3.48452	0.0928961	0.431409	-2.31799	0.785635	0.883404	-1.13198	0.18461	0.527352	-1.89627	2.22456	7.28542	2.91111	1
cg02963846	SNORD7	0.137015	0.789737	1.07175	1.07175	0.0657639	1.70804	1.70804	0.0338431	1.90103	1.90103	0.148026	1.49535	1.49535	0.462557	1.21397	1.21397	0.52749	1.18056	1.18056	0.290998	0.752684	-1.32858	0.640184	0.885091	-1.12983	0.123356	0.648713	-1.54151	2.22449	2.36843	0.946407	1
cg23239870	TSSC1	0.137015	0.782925	0.926998	-1.07875	0.293707	0.741596	-1.34844	0.895267	0.964495	-1.03681	0.62952	1.14273	1.14273	0.0153273	2.26358	2.26358	0.224754	1.41906	1.41906	0.0534561	1.82591	1.82591	0.807036	0.935039	-1.06947	0.327075	0.75753	-1.32008	2.22449	2.65416	1.06058	1
cg10370262	PRKAG2;PRKAG2	0.137016	0.0359087	0.198907	-5.02748	0.553247	0.67244	-1.48712	0.392536	0.560144	-1.78526	0.0845754	0.283026	-3.53324	0.0199148	0.155786	-6.41908	0.205108	0.412884	-2.42199	0.0547137	0.236498	-4.22837	0.432478	0.588586	-1.69899	0.102166	0.306184	-3.26601	2.22448	15.4234	6.1631	1
cg01662102	HSPA13	0.137016	0.580939	0.781217	-1.28005	0.154781	1.96247	1.96247	0.808947	0.898285	-1.11323	0.236899	1.73112	1.73112	0.0486343	0.368845	-2.71116	0.366116	0.662865	-1.5086	0.161638	1.93839	1.93839	0.259563	1.68342	1.68342	0.0793298	2.36916	2.36916	2.22448	6.90884	2.76073	1
cg04433354	RDBP	0.137017	0.177452	1.28807	1.28807	0.3732	0.850906	-1.17522	0.398886	0.858526	-1.16479	0.740397	0.942966	-1.06048	0.0169402	1.67265	1.67265	0.299565	1.2091	1.2091	0.0426736	1.51002	1.51002	0.880733	1.02687	1.02687	0.908719	1.02046	1.02046	2.22447	1.09894	0.439131	1
cg15936439	GJB2	0.13702	0.933347	0.980621	-1.01976	0.27371	1.30535	1.30535	0.990608	0.99725	-1.00276	0.461787	1.19156	1.19156	0.0390338	0.571864	-1.74867	0.503144	1.17229	1.17229	0.707757	0.915671	-1.0921	0.0396087	1.74495	1.74495	0.0724651	1.59822	1.59822	2.22445	1.92814	0.770482	1
cg04535340	RAB11B	0.13702	0.530844	1.31405	1.31405	0.0972919	0.457112	-2.18765	0.628705	0.810892	-1.23321	0.696626	0.844883	-1.1836	0.021761	0.305798	-3.27014	0.734492	1.15772	1.15772	0.0580137	0.397796	-2.51385	0.218614	1.74483	1.74483	0.66812	1.20388	1.20388	2.22445	6.52032	2.60551	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03630683	ITPR1;ITPR1;ITPR1	0.137021	0.238107	0.765694	-1.30601	0.470954	1.17168	1.17168	0.117665	1.44356	1.44356	0.137833	0.708062	-1.41231	0.726357	0.926899	-1.07887	0.31206	1.25349	1.25349	0.0210947	0.549224	-1.82075	0.939217	1.01661	1.01661	0.430759	1.18975	1.18975	2.22445	1.6444	0.657102	1
cg21095983	SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP	0.137025	0.370575	1.54916	1.54916	0.0186389	0.257253	-3.88722	0.153585	0.483179	-2.06963	0.86289	1.08577	1.08577	0.478969	0.709896	-1.40866	0.229057	0.548322	-1.82375	0.104638	2.32654	2.32654	0.408064	1.49608	1.49608	0.757188	0.862744	-1.15909	2.22442	7.98415	3.19051	1
cg11511084	ASPSCR1	0.137032	0.0667991	0.335268	-2.98268	0.216304	0.500616	-1.99754	0.623188	1.30128	1.30128	0.70865	0.819049	-1.22093	0.0127178	0.192724	-5.18876	0.919955	0.947951	-1.05491	0.0737984	0.346528	-2.88577	0.115845	0.402969	-2.48158	0.319581	0.578702	-1.72801	2.22436	9.96243	3.98114	1
cg21467513	SLC39A6;SLC39A6;ELP2	0.137033	0.0366971	0.506582	-1.97401	0.747127	1.09488	1.09488	0.269314	1.38033	1.38033	0.944867	1.01957	1.01957	0.773161	0.922216	-1.08434	0.430315	0.798079	-1.25301	0.542136	1.18874	1.18874	0.0160369	0.437864	-2.28382	0.241505	0.709281	-1.40988	2.22436	2.76555	1.10516	1
cg02295527	PRDM16;PRDM16	0.137033	0.51494	0.898632	-1.1128	0.166971	1.26933	1.26933	0.0488564	0.694814	-1.43923	0.227061	1.22787	1.22787	0.40712	0.87174	-1.14713	0.0461761	1.44742	1.44742	0.199967	1.24503	1.24503	0.689797	0.937122	-1.0671	0.973386	1.00541	1.00541	2.22435	0.923041	0.368862	1
cg19389641	SCNN1A;SCNN1A;SCNN1A	0.137034	0.721956	0.568414	-1.75928	0.100117	17.2594	17.2594	0.302397	5.41457	5.41457	0.984921	1.03033	1.03033	0.588977	0.422125	-2.36897	0.56272	0.39645	-2.52239	0.499824	2.95326	2.95326	0.0231623	73.1256	73.1256	0.0257504	65.8282	65.8282	2.22435	88.0576	35.1894	1
cg24361849	FBRSL1	0.137037	0.244244	0.817698	-1.22294	0.204719	1.24743	1.24743	0.12238	1.31862	1.31862	0.769079	1.04984	1.04984	0.85666	0.970571	-1.03032	0.0838607	0.729029	-1.37169	0.0355163	0.667404	-1.49834	0.401436	0.867725	-1.15244	0.418407	1.14637	1.14637	2.22433	0.961508	0.38424	1
cg06410746	NKAIN3	0.137037	0.234235	0.860643	-1.16192	0.106399	1.23639	1.23639	0.0373165	1.33759	1.33759	0.838926	1.0248	1.0248	0.509824	0.922685	-1.08379	0.232889	0.860235	-1.16247	0.0646866	0.779006	-1.28369	0.919862	1.01219	1.01219	0.797893	1.03137	1.03137	2.22432	0.510276	0.203917	1
cg26799209	MSC	0.137042	0.0440335	23.0156	23.0156	0.131397	9.09177	9.09177	0.56697	2.19094	2.19094	0.794201	0.701654	-1.4252	0.0350097	27.9211	27.9211	0.562009	0.451758	-2.21357	0.875574	0.808661	-1.23661	0.052412	19.8775	19.8775	0.137426	8.74327	8.74327	2.22429	64.7099	25.8599	1
cg06551996	NAV2;NAV2	0.137044	0.0377241	0.185269	-5.39755	0.110182	0.29585	-3.38009	0.152105	0.3419	-2.92483	0.279595	0.455513	-2.19533	0.0335141	0.175966	-5.68293	0.801822	1.19235	1.19235	0.149068	0.338784	-2.95173	0.103784	0.288112	-3.47087	0.0663271	0.236769	-4.22352	2.22427	17.239	6.88925	1
cg11798356	TRIM11	0.137049	0.288619	0.769805	-1.29903	0.197925	0.723843	-1.38152	0.980729	0.99428	-1.00575	0.568848	1.14655	1.14655	0.0243388	0.528691	-1.89146	0.689241	1.10017	1.10017	0.0266143	0.535774	-1.86646	0.0802369	0.630726	-1.58548	0.550042	0.866217	-1.15445	2.22423	1.98685	0.794021	1
cg04368724	VARS	0.137049	0.498059	1.0779	1.0779	0.0153745	1.38319	1.38319	0.482232	0.925063	-1.08101	0.651177	1.05089	1.05089	0.302748	1.12347	1.12347	0.90954	0.987681	-1.01247	0.0562107	1.26595	1.26595	0.156897	1.17953	1.17953	0.260089	0.879754	-1.13668	2.22423	0.41898	0.167441	1
cg21563471	ERMN	0.13705	0.812851	1.14908	1.14908	0.560165	0.708102	-1.41223	0.152389	0.407309	-2.45514	0.891798	1.08301	1.08301	0.0162299	0.178617	-5.59857	0.279874	1.93128	1.93128	0.135389	2.56762	2.56762	0.303557	1.86704	1.86704	0.476652	1.52806	1.52806	2.22422	12.0929	4.83281	1
cg19744498	FZD5	0.137051	0.291512	0.680054	-1.47047	0.903743	1.04354	1.04354	0.748527	0.892873	-1.11998	0.429167	0.75252	-1.32887	0.791933	0.911066	-1.09762	0.743015	1.12289	1.12289	0.00351757	0.248013	-4.03205	0.577402	1.21932	1.21932	0.300965	0.685528	-1.45873	2.22422	4.37185	1.74717	1
cg10585600	TARSL2	0.137051	0.0816441	0.527616	-1.89532	0.705163	1.13422	1.13422	0.653357	1.16158	1.16158	0.133968	0.585377	-1.7083	0.426812	0.764269	-1.30844	0.0255652	2.40841	2.40841	0.417506	1.3159	1.3159	?	?	?	0.737895	1.1177	1.1177	2.2436	3.4674	1.54546	1
cg01092890	STK32C	0.137054	0.112993	0.54921	-1.8208	0.52676	1.24958	1.24958	0.986736	0.994241	-1.00579	0.638624	1.1786	1.1786	0.164137	0.597057	-1.67488	0.982205	1.00778	1.00778	0.00761998	0.30362	-3.29359	0.984194	1.00691	1.00691	0.183601	0.612554	-1.63251	2.2242	4.25148	1.69908	1
cg25222263	SLCO4A1	0.137054	0.850886	0.970758	-1.03012	0.0846333	0.740241	-1.35091	0.87771	1.02458	1.02458	0.22263	1.22398	1.22398	0.3457	0.857999	-1.1655	0.588055	1.09007	1.09007	0.215483	0.814161	-1.22826	0.988531	1.00227	1.00227	0.0161507	1.59062	1.59062	2.22419	0.876086	0.350124	1
cg16742075	HLA-A	0.137058	0.0166415	0.0773895	-12.9216	0.0393527	0.124161	-8.05408	0.281987	0.375887	-2.66037	0.558637	0.595936	-1.67803	0.0856767	0.189681	-5.27202	0.255862	0.354153	-2.82364	0.0961781	0.202133	-4.94723	0.0838957	0.187508	-5.33311	0.179581	0.287227	-3.48156	2.22417	26.9792	10.7823	1
cg21198531	CIITA	0.137066	0.14538	0.615125	-1.62568	0.997522	0.999035	-1.00097	0.114737	0.586786	-1.7042	0.033063	0.460912	-2.16961	0.0615343	0.519667	-1.92431	0.0262851	0.440835	-2.26842	0.615013	0.854187	-1.1707	0.282215	0.706589	-1.41525	0.10075	0.571957	-1.74838	2.2241	3.40248	1.35984	1
cg20398123	C21orf29	0.137067	0.288795	1.48602	1.48602	0.30108	0.680161	-1.47024	0.882963	1.05442	1.05442	0.811178	1.08991	1.08991	0.159199	0.582054	-1.71805	0.0537248	2.19884	2.19884	0.10574	0.529599	-1.88822	0.444221	1.32389	1.32389	0.0764952	0.492229	-2.03158	2.22409	4.55781	1.82159	1
cg22608964	SLC6A13	0.137068	0.568285	0.92128	-1.08545	0.0633538	1.34562	1.34562	0.514724	1.09848	1.09848	0.0457391	1.3849	1.3849	0.115148	0.783848	-1.27576	0.802722	1.03623	1.03623	0.100499	1.29149	1.29149	0.32372	0.865104	-1.15593	0.570217	1.08499	1.08499	2.22409	0.711996	0.284559	1
cg09322949	BYSL;MED20	0.137069	0.0105542	0.416754	-2.3995	0.471573	1.22048	1.22048	0.232857	1.40546	1.40546	0.251283	1.38557	1.38557	0.284078	1.3536	1.3536	0.330335	0.760868	-1.31429	0.379163	0.782337	-1.27822	0.911494	0.970201	-1.03071	0.856545	0.951959	-1.05046	2.22408	2.60745	1.04211	1
cg13580783	GALE;HMGCL;HMGCL	0.137074	0.0159636	0.349446	-2.86167	0.211417	0.625527	-1.59865	0.623992	0.838567	-1.19251	0.484254	0.776229	-1.28828	0.03011	0.402974	-2.48155	0.301219	0.682692	-1.46479	0.0367126	0.421111	-2.37467	0.201281	0.618211	-1.61757	0.286744	0.674216	-1.4832	2.22405	4.47303	1.78774	1
cg17868445	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.137075	0.451703	1.07445	1.07445	0.0158601	1.31877	1.31877	0.414843	1.08119	1.08119	0.116693	1.17308	1.17308	0.347693	1.09478	1.09478	0.162311	1.14995	1.14995	0.202716	1.13422	1.13422	0.0201386	1.30018	1.30018	0.109969	1.17723	1.17723	2.22404	0.308934	0.123473	1
cg13900773	PIWIL1	0.137077	0.184951	4.75388	4.75388	0.0370252	14.662	14.662	0.258462	0.270519	-3.6966	0.650394	1.6585	1.6585	?	?	?	0.0729709	0.108869	-9.18537	?	?	?	0.871544	1.19654	1.19654	0.867391	0.830854	-1.20358	2.26719	34.3378	17.3092	1
cg08484934	C15orf59	0.137079	0.552868	1.09066	1.09066	0.421464	0.888064	-1.12605	0.719114	1.05359	1.05359	0.205938	0.824587	-1.21273	0.561773	1.0885	1.0885	0.597122	1.08016	1.08016	0.781674	1.04098	1.04098	0.00546269	0.589625	-1.69599	0.327103	0.863948	-1.15748	2.22401	0.736054	0.294185	1
cg11153969	C4BPA	0.137079	0.0119691	0.516782	-1.93505	0.285279	0.791621	-1.26323	0.533343	0.875612	-1.14206	0.3649	0.821995	-1.21655	0.0308818	0.586449	-1.70518	0.199933	0.751945	-1.32988	0.666732	1.09551	1.09551	0.121129	0.701966	-1.42457	0.22664	0.765461	-1.3064	2.224	1.56142	0.624066	1
cg26313511	ZNF148	0.137081	0.33139	1.66065	1.66065	0.327286	1.6683	1.6683	0.452832	1.47265	1.47265	0.247479	1.84406	1.84406	0.744137	0.847256	-1.18028	0.0613896	2.90568	2.90568	0.014156	4.62813	4.62813	0.0287279	3.69025	3.69025	0.72017	1.19969	1.19969	2.22399	9.02234	3.60607	1
cg03539850	PANK1;PANK1;PANK1	0.137084	0.903819	1.02152	1.02152	0.0211935	1.62912	1.62912	0.270068	1.22419	1.22419	0.718533	1.06583	1.06583	0.0172003	1.66749	1.66749	0.0816963	1.40472	1.40472	0.235539	1.24479	1.24479	0.21443	1.25887	1.25887	0.945872	0.988112	-1.01203	2.22397	1.09278	0.436766	1
cg01929699	MIR548F5;DCLK1	0.137084	0.41965	1.36994	1.36994	0.728121	1.1425	1.1425	0.824529	0.918723	-1.08847	0.427419	0.733951	-1.36249	0.00807674	0.273885	-3.65117	0.331121	0.681957	-1.46637	0.425073	1.36472	1.36472	0.164976	1.76021	1.76021	0.522305	0.78072	-1.28087	2.22397	5.13272	2.05148	1
cg25617556	ANKRD40	0.137085	0.593876	0.915774	-1.09197	0.0814863	1.37118	1.37118	0.711797	0.94114	-1.06254	0.689873	1.06777	1.06777	0.213856	1.23858	1.23858	0.328188	1.17938	1.17938	0.0140668	1.64142	1.64142	0.167883	0.786411	-1.2716	0.463067	1.12988	1.12988	2.22396	0.941322	0.376235	1
cg05912121	TH;TH;TH;TH;TH;TH	0.137086	0.666673	1.14209	1.14209	0.59876	0.849763	-1.1768	0.119708	0.595933	-1.67804	0.933738	1.02582	1.02582	0.0130949	0.389251	-2.56904	0.536255	0.825285	-1.2117	0.0242255	0.438792	-2.27898	0.235699	0.683169	-1.46377	0.82072	0.932772	-1.07207	2.22396	3.31111	1.32341	1
cg00233948	SLC1A3;SLC1A3	0.137086	0.12318	1.62803	1.62803	0.0539885	1.89338	1.89338	0.621001	0.864633	-1.15656	0.108124	1.66791	1.66791	0.79986	1.07696	1.07696	0.271241	1.39691	1.39691	0.039226	2.00623	2.00623	0.0395657	2.0031	2.0031	0.809045	0.931783	-1.07321	2.22395	2.99983	1.199	1
cg04864609	CBX1;CBX1	0.137089	0.0606577	0.556336	-1.79748	0.486517	1.21655	1.21655	0.519259	1.19858	1.19858	0.190489	0.680886	-1.46867	0.220301	0.699566	-1.42946	0.0543096	0.545841	-1.83204	0.132007	1.56944	1.56944	0.361797	0.771139	-1.29678	0.445437	1.24067	1.24067	2.22393	2.70736	1.08211	1
cg07674277	CBFA2T3;CBFA2T3	0.137091	0.50601	0.817216	-1.22367	0.153735	1.57908	1.57908	0.00607567	0.342453	-2.92011	0.834826	0.939453	-1.06445	0.700985	0.890998	-1.12234	0.318928	0.734833	-1.36085	0.957334	1.01613	1.01613	0.212044	0.67488	-1.48174	0.457943	0.797647	-1.25369	2.22392	3.15154	1.25965	1
cg22999989	EHMT2;EHMT2	0.137093	0.428309	1.35935	1.35935	0.0346808	0.392643	-2.54684	0.366967	0.70338	-1.42171	0.883631	0.945914	-1.05718	0.0287224	0.375501	-2.66311	0.374662	0.707551	-1.41333	0.049517	0.427058	-2.3416	0.860907	0.935584	-1.06885	0.132939	0.540379	-1.85055	2.2239	5.07669	2.02914	1
cg26251101	RHOQ	0.137094	0.60587	0.908595	-1.1006	0.73927	0.940341	-1.06344	0.0188401	0.59216	-1.68873	0.405903	1.16952	1.16952	0.285638	0.815274	-1.22658	0.831622	1.03999	1.03999	0.0891674	0.708065	-1.4123	0.595587	0.906058	-1.10368	0.0842846	1.42152	1.42152	2.22389	1.1946	0.477481	1
cg14110709	ADAMTS13;C9orf7;ADAMTS13;C9orf7;ADAMTS13;ADAMTS13	0.137098	0.62092	0.725641	-1.37809	0.901857	1.0826	1.0826	0.260756	0.470216	-2.12668	0.606733	0.716039	-1.39657	0.0111112	0.12899	-7.75252	0.660805	0.75272	-1.32851	0.0211005	0.167923	-5.95509	0.205512	0.423493	-2.36131	0.153186	0.373812	-2.67514	2.22387	14.5762	5.82617	1
cg09863138	COL4A4	0.137098	0.158494	0.510528	-1.95876	0.0227415	0.296424	-3.37354	0.141775	0.494322	-2.02297	0.494134	1.36299	1.36299	0.105748	0.45471	-2.19921	0.368177	0.662157	-1.51021	0.147279	0.499783	-2.00087	0.0347514	0.333647	-2.99718	0.571665	0.77498	-1.29036	2.22387	7.00612	2.80038	1
cg08922201	SYT7	0.137103	0.267456	0.749066	-1.335	0.468456	0.831528	-1.2026	0.140711	0.672795	-1.48634	0.491287	1.19106	1.19106	0.017142	0.483561	-2.06799	0.348882	0.785689	-1.27277	0.86845	1.04233	1.04233	0.0775831	1.63334	1.63334	0.801441	0.938922	-1.06505	2.22383	2.20312	0.880611	1
cg06631358	C10orf58	0.137104	0.0975929	0.563857	-1.7735	0.0115724	0.369662	-2.70517	0.690549	1.13443	1.13443	?	?	?	0.69081	0.881596	-1.13431	0.950984	1.01957	1.01957	0.247776	1.46356	1.46356	0.557218	0.829343	-1.20577	0.230862	0.672889	-1.48613	2.24318	3.1376	1.39872	1
cg16777090	CIDEC	0.137106	0.0860112	0.521014	-1.91933	0.640202	1.17561	1.17561	0.244342	0.657986	-1.51979	0.576194	1.21418	1.21418	0.127837	0.567922	-1.76081	0.690875	1.14725	1.14725	0.00937913	0.322364	-3.10208	0.572508	0.822023	-1.21651	0.341289	0.71391	-1.40074	2.2238	4.15973	1.66271	1
cg04904318	HOXB1	0.137107	0.0955253	46.4171	46.4171	0.0471838	116.685	116.685	0.142932	27.1037	27.1037	0.18431	19.1302	19.1302	0.0697129	70.1752	70.1752	0.121145	33.8572	33.8572	0.0371231	159.449	159.449	0.170694	21.2718	21.2718	0.052875	100.614	100.614	2.2238	154.686	61.8306	1
cg02583234	HSPG2	0.137108	0.546603	1.16022	1.16022	0.280667	0.760978	-1.3141	0.563459	1.15289	1.15289	0.700983	1.09854	1.09854	0.612711	0.883077	-1.1324	0.00741282	0.431611	-2.3169	0.226456	1.36255	1.36255	0.405037	0.812595	-1.23063	0.27432	0.757999	-1.31926	2.22379	2.08977	0.835318	1
cg02832646	CENPN;CENPN;CENPN;C16orf61	0.137108	0.0897771	0.819226	-1.22066	0.152058	1.17773	1.17773	0.98479	1.00203	1.00203	0.0286911	0.759468	-1.31671	0.70747	0.960606	-1.04101	0.160788	0.852388	-1.17317	0.103484	0.827082	-1.20907	0.409883	0.914065	-1.09401	0.452891	1.08494	1.08494	2.22379	0.400338	0.160022	1
cg07957088	PRIC285;PRIC285	0.137109	0.551903	0.884301	-1.13084	0.0685358	0.659304	-1.51675	0.91591	1.02181	1.02181	0.974369	1.00659	1.00659	0.01474	0.541627	-1.84629	0.268537	0.790228	-1.26546	0.0287416	0.590375	-1.69384	0.175851	0.745244	-1.34184	0.658069	0.913021	-1.09527	2.22378	1.46998	0.58758	1
cg10995297	TGM1	0.137109	0.624158	0.767093	-1.30362	0.490496	0.686562	-1.45653	0.529857	0.710554	-1.40735	0.0454553	0.291756	-3.42752	0.00527582	0.138784	-7.20545	0.845849	1.11017	1.11017	0.799637	1.14632	1.14632	0.958735	0.972601	-1.02817	0.444728	0.658155	-1.5194	2.22378	10.1535	4.05857	1
cg17877237	EEF1DP3	0.137112	0.141395	0.637317	-1.56908	0.160851	0.652693	-1.53211	0.205783	0.683722	-1.46258	0.0389485	0.506182	-1.97557	0.0692889	0.560521	-1.78405	0.123705	0.621925	-1.60791	0.932871	0.976288	-1.02429	0.157946	1.53731	1.53731	0.951498	1.01748	1.01748	2.22376	2.85775	1.14231	1
cg21931972	TRMT61A	0.137114	0.268572	1.81503	1.81503	0.01111	5.19089	5.19089	0.0302839	3.73418	3.73418	0.381981	1.59015	1.59015	0.17996	2.08896	2.08896	0.150254	2.22055	2.22055	0.216584	1.95938	1.95938	0.286096	1.77372	1.77372	0.790786	0.871497	-1.14745	2.22374	9.42477	3.76733	1
cg14549524	NRSN1	0.137114	0.361758	0.620016	-1.61286	0.0242023	0.254056	-3.93614	0.516396	0.714991	-1.39862	0.645919	1.26603	1.26603	0.0503029	0.320545	-3.11968	0.119116	0.422129	-2.36894	0.147367	0.452603	-2.20944	0.078782	0.369591	-2.70569	0.540428	1.37163	1.37163	2.22374	9.15664	3.66016	1
cg13494428	AKR7A2;PQLC2;PQLC2;PQLC2	0.137116	0.416607	0.798256	-1.25273	0.580578	0.859442	-1.16355	0.136684	1.5452	1.5452	0.585894	1.16103	1.16103	0.0630707	0.566967	-1.76377	0.149829	0.657671	-1.52052	0.130684	0.642119	-1.55734	0.0963963	0.609295	-1.64124	0.215692	1.42427	1.42427	2.22373	2.59432	1.03703	1
cg02197634	HLA-DPB1	0.137118	0.53396	1.50578	1.50578	0.861872	1.11981	1.11981	0.134891	2.85002	2.85002	0.203013	0.417615	-2.39455	0.796699	1.18264	1.18264	0.306833	1.98857	1.98857	0.0596639	3.97882	3.97882	0.11762	3.01708	3.01708	0.0615276	0.254474	-3.92968	2.22372	14.8699	5.94399	1
cg07085167	FBXO34;FBXO34	0.137119	0.0758433	0.119299	-8.3823	0.0781861	0.121764	-8.21259	0.317384	0.328848	-3.04091	0.499153	0.477959	-2.09223	0.0879042	0.131767	-7.58914	0.431679	0.421659	-2.37159	0.047331	0.0870123	-11.4926	0.0227478	0.053209	-18.7938	0.0762042	0.11968	-8.35559	2.2237	40.7794	16.3009	1
cg07894497	CDADC1	0.137121	0.405884	1.28928	1.28928	0.908096	1.03511	1.03511	0.0514189	0.515481	-1.93994	0.312514	1.36638	1.36638	0.0371094	0.485202	-2.061	0.39135	1.30007	1.30007	0.221549	1.46805	1.46805	0.394891	1.29741	1.29741	0.29868	0.724789	-1.37971	2.22369	3.14443	1.25694	1
cg13922935	SNAP23;SNAP23	0.137123	0.974203	1.00762	1.00762	0.725815	1.08621	1.08621	0.998889	1.00033	1.00033	0.806653	0.944036	-1.05928	0.712606	1.09078	1.09078	0.150142	0.696067	-1.43664	0.34903	0.797379	-1.25411	0.299098	1.28758	1.28758	0.00553535	0.424779	-2.35416	2.22368	1.94269	0.776569	1
cg15104158	FGF12	0.137123	0.141807	1.25612	1.25612	0.337915	0.867093	-1.15328	0.0219485	1.48705	1.48705	0.298438	1.16834	1.16834	0.929549	0.987316	-1.01285	0.0630944	1.35227	1.35227	0.325764	0.863751	-1.15774	0.845165	0.97217	-1.02863	0.225247	1.20185	1.20185	2.22367	0.733906	0.293371	1
cg09460082	LOC388692	0.137124	0.0290826	4.28817	4.28817	0.208458	2.11816	2.11816	0.185658	2.21296	2.21296	0.483406	1.49651	1.49651	0.0252025	4.51132	4.51132	0.716836	1.22895	1.22895	0.108098	2.69732	2.69732	0.0845141	2.94469	2.94469	0.0663352	3.20785	3.20785	2.22367	11.2823	4.50998	1
cg01029985	SERTAD1	0.137124	0.0575188	1.85266	1.85266	0.325412	0.747149	-1.33842	0.142083	1.57315	1.57315	0.911399	0.968552	-1.03247	0.112031	0.608513	-1.64335	0.0337993	2.03696	2.03696	0.859804	0.950516	-1.05206	0.806313	1.07306	1.07306	0.494224	1.22052	1.22052	2.22367	2.90208	1.16008	1
cg18995558	TPO;TPO;TPO;TPO	0.137126	0.712549	0.911066	-1.09762	0.0382494	1.8302	1.8302	0.0134986	2.15896	2.15896	0.420665	1.23006	1.23006	0.619848	0.881736	-1.13413	0.402135	1.24087	1.24087	0.992754	1.00229	1.00229	0.241869	0.734687	-1.36112	0.82586	1.05703	1.05703	2.22365	2.23098	0.891819	1
cg20716688	BRSK2	0.137129	0.139838	0.76901	-1.30037	0.667988	1.07395	1.07395	0.138024	1.30218	1.30218	0.557959	0.906684	-1.10292	0.314249	0.841923	-1.18776	0.676643	1.0718	1.0718	0.0668499	0.711994	-1.40451	0.982321	0.996343	-1.00367	0.0373465	1.49108	1.49108	2.22363	0.962671	0.384825	1
cg16453560	ADAMTS8	0.137135	0.174052	0.624391	-1.60156	0.00740899	0.325117	-3.07582	0.230123	0.663602	-1.50693	0.20361	0.645946	-1.54812	0.70142	0.882082	-1.13368	0.106601	0.563349	-1.7751	0.0591242	0.499552	-2.00179	0.332009	0.721835	-1.38536	0.198621	0.64246	-1.55652	2.22359	3.73573	1.49337	1
cg13057174	CASZ1;CASZ1	0.137135	0.0539712	1.47277	1.47277	0.521937	1.12172	1.12172	0.309599	1.20452	1.20452	0.502054	0.886418	-1.12814	0.979178	1.00463	1.00463	0.315028	1.20185	1.20185	0.051579	0.67562	-1.48012	0.686918	1.07434	1.07434	0.0457749	1.49967	1.49967	2.22358	1.10293	0.440905	1
cg01710607	GAP43;GAP43	0.137137	0.0389901	0.2901	-3.44709	0.0314672	0.270726	-3.69377	0.0899261	0.379825	-2.63279	0.70642	0.822034	-1.21649	0.0516528	0.317566	-3.14896	0.328338	0.593028	-1.68626	0.0606979	0.334489	-2.98963	0.375973	0.624657	-1.60088	0.985265	0.990481	-1.00961	2.22357	9.44558	3.77594	1
cg25891433	TBC1D19	0.137137	0.434688	0.845707	-1.18244	0.352497	1.22281	1.22281	0.378121	1.2094	1.2094	0.723508	0.928039	-1.07754	0.00414867	0.445769	-2.24332	0.999343	0.999827	-1.00017	0.77354	0.941145	-1.06254	0.483865	0.861064	-1.16135	0.971213	1.00762	1.00762	2.22357	1.55669	0.622299	1
cg20584555	BEST1;BEST1;BEST1;BEST1	0.13714	0.402775	0.604673	-1.65379	0.0108758	0.152804	-6.54434	0.0499617	0.268893	-3.71895	0.705361	1.25004	1.25004	0.224873	0.472853	-2.11482	0.173645	0.427197	-2.34084	0.800725	0.861916	-1.16021	0.136037	0.389152	-2.56969	0.708763	1.24663	1.24663	2.22355	12.1562	4.85957	1
cg02855360	C5orf30	0.13714	0.448181	1.09999	1.09999	0.313237	1.13724	1.13724	0.0539633	1.30962	1.30962	0.064129	0.77375	-1.29241	0.411512	0.901645	-1.10908	0.714974	0.955787	-1.04626	0.0604961	0.770297	-1.2982	0.985388	0.997745	-1.00226	0.301994	0.876479	-1.14093	2.22355	0.535349	0.214012	1
cg04757892	ZC3H7B	0.137141	0.828695	0.966486	-1.03468	0.309699	0.847576	-1.17984	0.115045	0.763709	-1.3094	0.785582	1.04383	1.04383	0.364189	1.158	1.158	0.322969	0.851629	-1.17422	0.0222376	0.649784	-1.53897	0.496188	1.11482	1.11482	0.0381076	0.685129	-1.45958	2.22354	0.871519	0.348401	1
cg13905606	MIR211;TRPM1	0.137143	0.07356	0.295548	-3.38354	0.0321656	0.215841	-4.63304	0.0597999	0.273155	-3.66093	0.139147	0.378094	-2.64484	0.139024	0.377963	-2.64576	0.240505	0.471971	-2.11877	0.0434911	0.242062	-4.13117	0.0749784	0.297709	-3.35898	0.25123	0.480725	-2.08019	2.22352	13.1472	5.2558	1
cg11682395	ELAC1	0.137144	0.840996	1.04054	1.04054	0.0189379	0.569962	-1.7545	0.340964	1.21424	1.21424	0.571434	1.11978	1.11978	0.598435	1.11086	1.11086	0.984324	0.996121	-1.00389	0.0392023	1.60326	1.60326	0.32016	1.22533	1.22533	0.412218	0.847169	-1.1804	2.22352	1.37811	0.550923	1
cg01228603	PRKAB1	0.137148	0.0604115	0.594718	-1.68147	0.165611	0.695665	-1.43747	0.0424523	0.563583	-1.77436	0.462687	0.83238	-1.20137	0.436883	0.823132	-1.21487	0.315826	0.775292	-1.28984	0.357014	1.26172	1.26172	0.253395	1.34008	1.34008	0.222517	1.36971	1.36971	2.22349	2.12084	0.847853	1
cg25283254	MTRF1	0.137153	0.381656	1.43156	1.43156	0.852475	1.07727	1.07727	0.0554238	2.38236	2.38236	0.354963	1.46298	1.46298	0.648855	0.832516	-1.20118	0.268247	1.58579	1.58579	0.0205813	0.327832	-3.05034	0.29112	0.645319	-1.54962	0.930636	1.03542	1.03542	2.22345	5.62977	2.25066	1
cg19439666	COPS5;COPS5	0.137154	0.170146	1.27282	1.27282	0.152084	1.28832	1.28832	0.17795	1.26663	1.26663	0.424853	0.874094	-1.14404	0.661526	1.07545	1.07545	0.16658	1.27575	1.27575	0.0326116	0.661719	-1.51122	0.275847	0.829301	-1.20584	0.973069	0.994441	-1.00559	2.22344	0.960087	0.383824	1
cg14792983	C20orf12;POLR3F	0.137156	0.662944	0.938763	-1.06523	0.00526532	1.69922	1.69922	0.867858	1.02428	1.02428	0.180324	0.814646	-1.22753	0.727294	1.05174	1.05174	0.549509	0.916441	-1.09118	0.885154	1.02104	1.02104	0.748069	1.04753	1.04753	0.308883	1.16387	1.16387	2.22342	0.731129	0.292294	1
cg05839875	FYB;FYB	0.137158	0.329738	0.742703	-1.34643	0.0369703	0.488477	-2.04718	0.209455	0.676234	-1.47878	0.561968	0.840796	-1.18935	0.868569	1.0502	1.0502	0.207958	1.48089	1.48089	0.141075	1.59701	1.59701	0.884444	1.04395	1.04395	0.0569615	0.528848	-1.8909	2.22341	3.07986	1.23129	1
cg06577463	EIF4A3	0.137159	0.186621	0.843849	-1.18505	0.032673	1.35409	1.35409	0.0326238	1.35425	1.35425	0.568174	1.07246	1.07246	0.563612	0.931645	-1.07337	0.309673	0.880298	-1.13598	0.865217	0.979608	-1.02082	0.534029	0.926464	-1.07937	0.444648	1.09911	1.09911	2.2234	0.517902	0.207051	1
cg04477291	BAT3;BAT3;BAT3;BAT3	0.13716	0.0937764	0.795526	-1.25703	0.322288	1.13532	1.13532	0.488381	1.09131	1.09131	0.591455	1.06957	1.06957	0.784744	1.03457	1.03457	0.820479	1.02862	1.02862	0.0926586	0.794782	-1.25821	0.780694	0.965948	-1.03525	0.0182344	1.42724	1.42724	2.2234	0.542582	0.216918	1
cg25171089	ASB13;ASB13	0.137161	0.221496	0.751204	-1.3312	0.538515	0.870546	-1.1487	0.723905	0.92408	-1.08216	0.890492	0.969798	-1.03114	0.0527152	1.63273	1.63273	0.558335	0.876539	-1.14085	0.606136	1.12275	1.12275	0.0256389	0.554231	-1.8043	0.152924	1.40602	1.40602	2.22339	1.74514	0.697691	1
cg19220868	COLEC11;COLEC11	0.137162	0.240057	1.79188	1.79188	0.0698349	0.382412	-2.61498	0.148318	0.479415	-2.08588	0.258029	1.74999	1.74999	0.28376	0.589771	-1.69557	0.448762	0.693493	-1.44198	0.627993	1.26051	1.26051	0.0719289	2.59224	2.59224	0.255404	1.7559	1.7559	2.22338	7.91652	3.16496	1
cg04404304	TRAPPC9;TRAPPC9	0.137163	0.217633	0.533021	-1.8761	0.852777	1.09431	1.09431	0.890819	1.0689	1.0689	0.832825	0.90254	-1.10798	0.104599	0.422919	-2.36452	0.737309	0.849327	-1.1774	0.00522078	0.167336	-5.97601	0.552837	1.33813	1.33813	0.828164	1.11122	1.11122	2.22337	8.28719	3.31316	1
cg21903079	DHRS4L2	0.137164	0.0962137	1.87086	1.87086	0.322424	1.41979	1.41979	0.544744	1.23393	1.23393	0.472876	0.778521	-1.28449	0.535526	1.24006	1.24006	0.170314	1.65	1.65	0.0759319	1.96856	1.96856	0.0118182	2.93876	2.93876	0.121715	1.77766	1.77766	2.22337	4.1408	1.65547	1
cg18770816	LZTFL1	0.137165	0.0543899	0.42864	-2.33296	0.880936	1.05869	1.05869	0.354802	1.4387	1.4387	0.23907	1.60389	1.60389	?	?	?	0.032938	0.377977	-2.64566	0.757953	1.12486	1.12486	?	?	?	0.67794	0.852978	-1.17236	2.3843	4.16192	1.74555	1
cg27656398	ABCB9;ABCB9;ABCB9	0.137166	0.122492	0.793876	-1.25964	0.979745	0.996505	-1.00351	0.11689	1.26484	1.26484	0.31789	0.867281	-1.15303	0.0156784	0.66463	-1.5046	0.390581	0.885736	-1.129	0.155424	0.810855	-1.23327	0.640353	1.06705	1.06705	0.478699	0.905442	-1.10443	2.22335	0.669857	0.267807	1
cg25486824	SPON1	0.137169	0.787632	0.912402	-1.09601	0.110879	0.554469	-1.80353	0.00597942	0.295235	-3.38713	0.885609	0.952301	-1.05009	0.551682	1.22686	1.22686	0.560184	0.818725	-1.22141	0.300355	1.43962	1.43962	0.454679	0.772165	-1.29506	0.904418	1.04163	1.04163	2.22333	4.05909	1.62283	1
cg24049468	AK3L1;AK3L1;AK3L1	0.137171	0.22478	0.460171	-2.1731	0.0371162	4.36319	4.36319	0.903505	1.07662	1.07662	0.976438	1.01814	1.01814	0.166912	0.407792	-2.45223	0.392293	1.70486	1.70486	0.0530081	0.262253	-3.81311	0.251867	2.07228	2.07228	0.621357	0.738547	-1.35401	2.22331	13.0476	5.21647	1
cg08726342	HDAC10;HDAC10	0.137174	0.327512	0.761521	-1.31316	0.178699	1.46975	1.46975	0.0573356	1.78518	1.78518	0.0537123	1.8048	1.8048	0.491982	0.828519	-1.20697	0.0934413	1.64431	1.64431	0.375783	1.27762	1.27762	0.0717623	1.71922	1.71922	0.314839	1.32333	1.32333	2.22329	2.5582	1.02279	1
cg24012919	TMEM156	0.137174	0.403598	0.774255	-1.29156	0.0255852	0.452029	-2.21225	0.136701	0.61882	-1.61598	0.695514	1.12496	1.12496	0.197765	1.50311	1.50311	0.78773	0.922386	-1.08414	0.059531	1.89012	1.89012	0.973232	0.990006	-1.0101	0.662423	0.876775	-1.14054	2.22329	3.15553	1.26161	1
cg05555050	IL1RAPL2	0.137175	0.174238	0.312811	-3.19682	0.0642887	5.32031	5.32031	0.704277	0.735937	-1.35881	0.130979	3.71058	3.71058	0.695026	0.728475	-1.37273	0.051921	0.168925	-5.91978	0.508877	0.583434	-1.71399	0.75429	1.28718	1.28718	0.171818	3.22055	3.22055	2.22328	22.7648	9.10157	1
cg07124859	LRP1;MIR1228	0.137176	0.420365	1.30716	1.30716	0.0384084	2.18263	2.18263	0.0398114	2.16685	2.16685	0.110637	1.76054	1.76054	0.0787453	1.8875	1.8875	0.0268752	2.34663	2.34663	0.153251	1.64476	1.64476	0.576369	1.2016	1.2016	0.365497	1.35328	1.35328	2.22327	3.72776	1.4904	1
cg01674761	SNTG1	0.137179	0.482198	0.881939	-1.13386	0.0231357	1.61224	1.61224	0.129884	1.33344	1.33344	0.285898	1.21523	1.21523	0.137632	0.754866	-1.32474	0.582803	1.10249	1.10249	0.0847015	1.39845	1.39845	0.298815	1.20853	1.20853	0.94234	1.0128	1.0128	2.22325	1.08927	0.435507	1
cg17153138	ARHGAP18	0.13718	0.262611	0.489069	-2.0447	0.752464	1.2138	1.2138	0.0615966	0.275452	-3.6304	0.206377	0.442121	-2.26182	0.782661	1.18452	1.18452	0.318364	1.88053	1.88053	0.334813	1.83878	1.83878	0.0322709	4.64312	4.64312	0.372989	0.571171	-1.75079	2.22325	13.2043	5.27929	1
cg08581536	DECR2	0.13718	0.705862	0.926395	-1.07945	0.307004	1.23768	1.23768	0.0914203	1.45472	1.45472	0.120387	1.40451	1.40451	0.133676	1.38566	1.38566	0.0880687	0.684175	-1.46161	0.116037	0.708633	-1.41117	0.886825	0.971694	-1.02913	0.539067	0.882149	-1.13359	2.22324	1.43161	0.572379	1
cg12000131	ANKRD13B;CORO6	0.13718	0.905925	0.931133	-1.07396	0.0528198	0.264906	-3.77493	0.0347364	0.226379	-4.41737	0.717445	1.24525	1.24525	0.469629	1.55891	1.55891	0.785454	0.848163	-1.17902	0.670273	1.29497	1.29497	0.0997701	2.97028	2.97028	0.201058	2.25909	2.25909	2.22324	12.8259	5.12799	1
cg26250461	CDH18;CDH18	0.137181	0.832449	1.09209	1.09209	0.130641	0.507237	-1.97147	0.035702	0.361892	-2.76326	0.350926	0.670848	-1.49065	0.0310206	0.34895	-2.86574	0.189731	0.561256	-1.78172	0.0605289	0.414772	-2.41097	0.550151	1.28582	1.28582	0.257358	0.611692	-1.63481	2.22324	6.08831	2.43421	1
cg03738116	OR10C1	0.137181	0.856531	0.949404	-1.05329	0.0216398	0.453319	-2.20595	0.0252036	0.465956	-2.14612	0.79607	0.928391	-1.07713	0.402963	0.782272	-1.27833	0.240677	0.702989	-1.4225	0.984854	1.00546	1.00546	0.036714	0.498433	-2.00629	0.261173	0.714484	-1.39961	2.22324	2.89825	1.15877	1
cg21337909	TNXB	0.137181	0.747225	0.819119	-1.22082	0.00650135	8.86691	8.86691	0.568266	1.42738	1.42738	0.795789	1.17353	1.17353	0.364864	0.562996	-1.77621	0.205712	0.438816	-2.27886	0.685404	0.777802	-1.28567	0.352053	0.553834	-1.8056	0.646296	1.3299	1.3299	2.22324	13.4045	5.35935	1
cg07404200	RPS6KA2;RPS6KA2	0.137181	0.0200576	0.222503	-4.49432	0.366658	1.64342	1.64342	0.312659	0.571533	-1.74968	0.654642	1.27275	1.27275	0.129816	0.416208	-2.40265	0.136111	0.423044	-2.36382	0.619716	1.30731	1.30731	0.268614	1.85371	1.85371	0.222368	0.50312	-1.9876	2.22323	10.1031	4.03942	1
cg14689623	NELL1;NELL1;NELL1;NELL1	0.137184	0.164087	0.679101	-1.47254	0.153818	1.4888	1.4888	0.0818939	1.6528	1.6528	0.0619765	1.7294	1.7294	0.730014	1.0945	1.0945	0.772038	0.927082	-1.07865	0.0669475	0.585518	-1.70789	0.906284	1.03117	1.03117	0.658314	1.123	1.123	2.22322	2.39195	0.956353	1
cg15579745	ZNF283	0.137185	0.393807	1.06488	1.06488	0.0446553	0.847134	-1.18045	0.622921	0.964962	-1.03631	0.182488	1.10718	1.10718	0.856916	1.01307	1.01307	0.852426	1.01349	1.01349	0.475926	0.949171	-1.05355	0.17546	1.10925	1.10925	0.0339859	0.836849	-1.19496	2.22321	0.18235	0.0729078	1
cg21144006	LOC552889	0.137186	0.00682439	2.58322	2.58322	0.754591	1.08863	1.08863	0.483144	1.21288	1.21288	0.113113	1.59513	1.59513	0.0756964	1.70812	1.70812	0.11673	1.5865	1.5865	0.512417	1.19712	1.19712	0.264158	1.37052	1.37052	0.165016	1.49343	1.49343	2.2232	2.58213	1.0324	1
cg13691892	PNPLA7;PNPLA7;MRPL41	0.13719	0.00989466	8.65314	8.65314	0.813283	1.1696	1.1696	0.762228	1.22253	1.22253	0.275502	0.471826	-2.11943	0.119338	0.326558	-3.06225	0.481049	0.622363	-1.60678	0.640386	0.732327	-1.36551	0.579203	0.690114	-1.44904	0.342272	1.91148	1.91148	2.22317	15.4364	6.17195	1
cg00688311	FBRSL1	0.137193	0.721469	1.11382	1.11382	0.157839	1.57575	1.57575	0.872169	0.952667	-1.04968	0.862213	0.949035	-1.0537	0.229725	0.684211	-1.46154	0.199549	1.504	1.504	0.0113469	2.59748	2.59748	0.336254	1.34793	1.34793	0.288208	0.717472	-1.39378	2.22315	3.19267	1.27653	1
cg25811402	NFKB2;NFKB2	0.137195	0.597916	0.927489	-1.07818	0.433155	0.893038	-1.11977	0.874465	0.977886	-1.02261	0.728647	1.05049	1.05049	0.570415	1.08449	1.08449	0.0364326	1.41048	1.41048	0.028288	0.693334	-1.44231	0.106978	0.779672	-1.28259	0.575318	0.923065	-1.08335	2.22313	0.704315	0.281611	1
ch.2.3935127R	SF3B1	0.137198	0.128145	0.240053	-4.16574	0.994996	1.00546	1.00546	0.338619	2.35308	2.35308	0.433393	0.499806	-2.00078	0.549265	1.69163	1.69163	0.0134785	0.0703932	-14.2059	0.56729	1.65141	1.65141	0.237933	2.92265	2.92265	0.22231	0.328672	-3.04255	2.2231	26.4999	10.5958	1
cg02564829	RGNEF	0.137199	0.298897	0.816327	-1.225	0.0475266	0.652322	-1.53298	0.693778	0.928126	-1.07744	0.882476	0.972503	-1.02827	0.815365	0.956869	-1.04508	0.682105	0.925312	-1.08072	0.0174152	1.72578	1.72578	0.587779	1.10867	1.10867	0.195763	0.772689	-1.29418	2.2231	1.25087	0.500151	1
cg06047270	C9orf172	0.137199	0.29085	1.39914	1.39914	0.69693	1.12741	1.12741	0.828967	1.06853	1.06853	0.37737	0.757647	-1.31988	0.528783	1.21595	1.21595	0.0891223	1.77616	1.77616	0.0129191	2.57431	2.57431	0.497108	1.23521	1.23521	0.144003	0.618196	-1.61761	2.2231	3.30551	1.32168	1
cg18967094	ACRC;BCYRN1	0.137203	0.952136	0.974848	-1.0258	0.93972	0.968415	-1.03262	0.0539875	0.39524	-2.53011	0.638579	0.81811	-1.22233	0.0240415	0.319135	-3.13347	0.21692	1.73557	1.73557	0.583278	0.790481	-1.26505	0.104009	2.12615	2.12615	0.758266	0.877218	-1.13997	2.22307	6.34052	2.53524	1
cg01565130	MPZL1;MPZL1;MPZL1	0.137203	0.393275	0.851514	-1.17438	0.440311	1.15564	1.15564	0.524046	1.12601	1.12601	0.117125	1.36734	1.36734	0.337004	0.833646	-1.19955	0.0119614	0.561929	-1.77958	0.418873	0.859138	-1.16396	0.253058	0.802985	-1.24535	0.830486	1.04019	1.04019	2.22307	1.18952	0.475627	1
cg24782497	KIAA1683;KIAA1683;KIAA1683	0.137208	0.0970527	0.540839	-1.84898	0.114804	1.78382	1.78382	0.409349	1.32945	1.32945	0.422359	0.758365	-1.31863	0.150863	0.594778	-1.6813	0.263247	1.48233	1.48233	0.335197	0.715053	-1.3985	0.837844	0.93318	-1.0716	0.0434527	0.456706	-2.18959	2.22303	4.01007	1.60344	1
cg26293201	TAPBP;TAPBP;TAPBP	0.137209	0.449454	0.841211	-1.18876	0.704041	0.917939	-1.0894	0.669246	1.10121	1.10121	0.135391	0.696923	-1.43488	0.0504302	0.60638	-1.64913	0.0344141	0.57492	-1.73937	0.803852	1.05742	1.05742	0.238949	1.31876	1.31876	0.209397	1.34558	1.34558	2.22302	1.77215	0.708604	1
cg05468346	CCDC15	0.137211	0.515053	1.09121	1.09121	0.0300343	0.713578	-1.40139	0.022028	0.695473	-1.43787	0.0801176	0.773572	-1.2927	0.709591	1.05071	1.05071	0.357182	0.882306	-1.13339	0.575395	1.0777	1.0777	0.62697	0.937291	-1.0669	0.721251	0.953732	-1.04851	2.22301	0.615604	0.246155	1
cg14181387	NCDN;KIAA0319L;NCDN;NCDN	0.137212	0.7126	1.05613	1.05613	0.978213	1.00404	1.00404	0.121393	1.28128	1.28128	0.652435	0.935276	-1.0692	0.308106	1.16848	1.16848	0.279451	0.847084	-1.18052	0.014235	0.640006	-1.56248	0.195779	1.22375	1.22375	0.545311	1.09455	1.09455	2.223	0.76693	0.306665	1
cg16965393	SYT7	0.137212	0.0795463	0.58173	-1.71901	0.434717	1.24842	1.24842	0.900429	0.965754	-1.03546	0.217954	0.697131	-1.43445	0.644075	0.878522	-1.13828	0.316614	0.749602	-1.33404	0.00773974	0.385861	-2.59161	0.147962	0.649156	-1.54046	0.951808	0.983316	-1.01697	2.223	2.72848	1.09101	1
cg02845204	KRTAP5-9	0.137213	0.543057	0.779959	-1.28212	0.473123	1.34252	1.34252	0.0211694	0.326677	-3.06112	0.0250355	0.340889	-2.9335	0.548123	0.782451	-1.27804	0.489426	0.75318	-1.3277	0.850146	0.926491	-1.07934	0.659597	0.836161	-1.19594	0.0468391	0.399073	-2.50581	2.22299	5.73719	2.29408	1
cg13842293	LOC92973	0.137214	0.693153	1.12741	1.12741	0.583375	0.845788	-1.18233	0.485968	0.807289	-1.23871	0.458494	1.25641	1.25641	0.00509405	0.326479	-3.06299	0.837719	0.939871	-1.06398	0.153965	0.630322	-1.58649	0.176779	0.647804	-1.54368	0.942854	0.978555	-1.02191	2.22299	3.21917	1.28722	1
cg10640379	LARP1B;LARP1B;LARP1B	0.137214	0.168439	1.35001	1.35001	0.616702	1.10871	1.10871	0.00467567	2.15758	2.15758	0.782307	0.944933	-1.05828	0.642494	0.90883	-1.10032	0.211852	1.30858	1.30858	0.800159	1.05324	1.05324	0.986279	0.99649	-1.00352	0.216575	1.3046	1.3046	2.22298	1.47223	0.588691	1
cg13259118	HIF1A;HIF1A	0.13722	0.0304572	0.202003	-4.95041	0.726374	0.806142	-1.24048	0.490985	0.65061	-1.53702	?	?	?	0.509335	1.50865	1.50865	0.105074	3.00629	3.00629	0.176319	2.43402	2.43402	?	?	?	0.419469	1.66081	1.66081	2.38381	10.8011	4.53104	1
cg06870284	ANTXR1;ANTXR1;ANTXR1	0.137224	0.954891	0.985362	-1.01485	0.0919421	0.616551	-1.62193	0.769297	0.9262	-1.07968	0.379221	1.2651	1.2651	0.00772569	2.44002	2.44002	0.591438	1.1517	1.1517	0.472564	1.2098	1.2098	0.662865	1.12114	1.12114	0.529429	0.846984	-1.18066	2.22291	2.39225	0.956602	1
cg05019913	GDE1	0.137226	0.275593	0.742664	-1.3465	0.35748	1.28175	1.28175	0.0950392	1.61798	1.61798	0.0192886	0.475972	-2.10096	0.19924	1.42731	1.42731	0.556722	1.16873	1.16873	0.64429	0.885189	-1.1297	0.514544	0.840827	-1.18931	0.47882	1.20787	1.20787	2.2229	2.42232	0.968636	1
cg15275313	C11orf36	0.137233	0.0839055	0.632141	-1.58193	0.867279	0.960687	-1.04092	0.862086	0.959162	-1.04258	0.910681	1.02727	1.02727	0.0365599	0.558449	-1.79067	0.533416	0.859627	-1.1633	0.0426585	0.571439	-1.74997	0.0294858	0.540787	-1.84916	0.148044	0.689286	-1.45078	2.22285	2.02431	0.809496	1
cg19574915	ISG20	0.137234	0.133296	0.758935	-1.31764	0.928696	1.01536	1.01536	0.0216432	1.59949	1.59949	0.768835	1.05148	1.05148	0.072638	0.710964	-1.40654	0.580932	1.09962	1.09962	0.628092	1.0867	1.0867	0.254676	0.816624	-1.22455	0.440288	1.14345	1.14345	2.22284	1.02136	0.408429	1
cg04758185	PLK1	0.137236	0.459377	0.835562	-1.1968	0.129155	1.4785	1.4785	0.21276	1.36745	1.36745	0.346881	0.793747	-1.25985	0.0102654	0.46233	-2.16296	0.902321	1.02971	1.02971	0.712969	0.915658	-1.09211	0.822662	0.947876	-1.05499	0.485047	1.18435	1.18435	2.22282	2.00205	0.800605	1
cg01431482	PRDM16;PRDM16	0.137236	0.107905	1.9116	1.9116	0.436541	0.745893	-1.34067	0.156901	1.74929	1.74929	0.953006	1.02201	1.02201	0.189412	1.67105	1.67105	0.140894	1.79495	1.79495	0.0187377	2.86382	2.86382	0.37418	1.40063	1.40063	0.286623	0.664513	-1.50486	2.22282	4.8028	1.9206	1
cg18354594	C1orf229	0.137238	0.0485284	0.219897	-4.54758	0.51418	1.55986	1.55986	0.221438	0.421567	-2.3721	0.534054	0.654911	-1.52692	0.0334237	0.188177	-5.31414	0.481434	0.618214	-1.61756	0.0410808	0.205125	-4.87507	0.189419	0.39288	-2.5453	0.0832781	0.275654	-3.62774	2.22281	15.9013	6.35882	1
cg14640682	GYS1;RUVBL2;GYS1;GYS1;GYS1;GYS1	0.137239	0.63819	1.05051	1.05051	0.283364	1.12294	1.12294	0.0114418	1.38985	1.38985	0.509467	1.07209	1.07209	0.128075	1.18665	1.18665	0.466374	1.08016	1.08016	0.226282	0.876192	-1.1413	0.565159	1.06236	1.06236	0.219813	0.874398	-1.14364	2.2228	0.38097	0.152349	1
cg04074908	TMEM63B	0.13724	0.208182	0.748367	-1.33624	0.742074	1.07481	1.07481	0.593971	0.889106	-1.12472	0.0766009	0.650343	-1.53765	0.380846	1.21696	1.21696	0.0111612	0.499179	-2.00329	0.63085	0.899638	-1.11156	0.0840572	0.658651	-1.51825	0.636234	0.901158	-1.10968	2.22279	1.67985	0.67177	1
cg12414181	SCAMP5	0.137243	0.862087	1.07086	1.07086	0.200646	0.587314	-1.70267	0.127583	0.522732	-1.91302	0.21517	0.598285	-1.67144	0.991849	1.00403	1.00403	0.388449	1.41625	1.41625	0.0138063	3.31432	3.31432	0.444812	1.35892	1.35892	0.891082	1.05543	1.05543	2.22277	5.45732	2.18239	1
cg13979602	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.137243	0.214902	0.703755	-1.42095	0.769755	0.924056	-1.08219	0.843591	0.948229	-1.0546	0.853214	0.951379	-1.05111	0.00485064	0.365969	-2.73247	0.195637	0.691912	-1.44527	0.130965	0.644775	-1.55093	0.114968	0.630497	-1.58605	0.657711	0.886921	-1.1275	2.22277	2.5494	1.01951	1
cg02499967	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.137248	0.230026	0.780531	-1.28118	0.350395	1.20818	1.20818	0.859599	1.03545	1.03545	0.764547	0.942612	-1.06088	0.919033	0.980193	-1.02021	0.465203	1.15747	1.15747	0.0103961	1.88681	1.88681	0.202918	1.30273	1.30273	0.171589	0.75099	-1.33158	2.22273	1.36278	0.544986	1
cg03586412	EYA2;EYA2	0.13725	0.385268	0.59837	-1.67121	0.00938296	0.149522	-6.688	0.131162	0.390514	-2.56073	0.746626	0.82942	-1.20566	0.0494315	0.274289	-3.64579	0.277948	0.521572	-1.91728	0.120834	0.378868	-2.63944	0.144804	0.405141	-2.46827	0.981786	0.986916	-1.01326	2.22272	11.7173	4.68586	1
cg00208931	PLCL1;PLCL1	0.137254	0.318829	0.791143	-1.26399	0.869292	1.03816	1.03816	0.839044	0.954806	-1.04733	0.129885	0.689326	-1.45069	0.0323691	0.565689	-1.76776	0.611888	0.890163	-1.12339	0.68764	1.09626	1.09626	0.0394158	1.71916	1.71916	0.346179	1.24683	1.24683	2.22269	1.82027	0.727955	1
cg23814154	POU6F1	0.137261	0.0850052	1.25928	1.25928	0.250132	1.15659	1.15659	0.683834	0.951646	-1.05081	0.275585	0.871709	-1.14717	0.92354	1.01169	1.01169	0.112233	1.23285	1.23285	0.214272	0.853616	-1.17149	0.124256	0.817518	-1.22321	0.103255	1.24076	1.24076	2.22263	0.515812	0.206287	1
cg04671462	NES	0.137264	0.137276	0.378768	-2.64014	0.0322632	0.218511	-4.57642	0.0965255	0.330626	-3.02457	0.954682	1.03507	1.03507	0.82047	0.871205	-1.14784	0.535043	1.46383	1.46383	0.0392096	0.235204	-4.25163	0.0632818	0.281694	-3.54995	0.421986	0.608027	-1.64466	2.22261	12.9514	5.17965	1
cg25749609	GJA3;GJA3	0.137266	0.513489	0.83213	-1.20174	0.885278	1.04085	1.04085	0.0262376	2.07754	2.07754	0.778054	0.924628	-1.08152	0.994658	1.00186	1.00186	0.0155329	2.27747	2.27747	0.855977	0.950864	-1.05167	0.11751	1.60235	1.60235	0.878217	1.04344	1.04344	2.22259	2.70722	1.08271	1
cg22377142	C1orf85	0.137268	0.54488	0.753836	-1.32655	0.0217708	3.56057	3.56057	0.0657253	2.59173	2.59173	0.965743	0.98039	-1.02	0.404964	1.48132	1.48132	0.739772	1.16616	1.16616	0.163919	1.98378	1.98378	0.83327	0.907365	-1.10209	0.0330106	3.15728	3.15728	2.22258	7.48571	2.9938	1
cg06422108	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.13727	0.145631	1.36308	1.36308	0.355619	0.8283	-1.20729	0.0784951	1.47323	1.47323	0.273731	1.25333	1.25333	0.0753368	0.675337	-1.48074	0.276688	0.79907	-1.25145	0.500589	0.873243	-1.14516	0.19977	0.764484	-1.30807	0.341586	1.21443	1.21443	2.22257	1.38351	0.553317	1
cg26465310	MPHOSPH6	0.13727	0.973894	0.995479	-1.00454	0.942481	0.990058	-1.01004	0.59609	1.07689	1.07689	0.490372	0.907542	-1.10188	0.386437	0.884314	-1.13082	0.0123797	0.64976	-1.53903	0.427834	0.893956	-1.11862	0.602695	1.07543	1.07543	0.0496765	1.3635	1.3635	2.22257	0.674981	0.26995	1
cg03214422	TMEM170B	0.137271	0.809334	1.0347	1.0347	0.0329502	0.70332	-1.42183	0.165091	0.811447	-1.23237	0.981627	0.996756	-1.00325	0.213084	0.831089	-1.20324	0.386912	0.882371	-1.13331	0.0219262	0.678459	-1.47393	0.590614	1.07964	1.07964	0.344364	1.14732	1.14732	2.22256	0.70081	0.280281	1
cg00809863	KIAA1026;KIAA1026;KIAA1026	0.137272	0.245441	0.555518	-1.80012	0.018055	4.01396	4.01396	0.282424	1.71682	1.71682	0.434312	0.679757	-1.47111	0.405651	0.662538	-1.50935	0.68154	0.819011	-1.22098	0.132871	0.456293	-2.19157	0.238444	0.550198	-1.81753	0.394675	0.655836	-1.52477	2.22255	8.24189	3.29627	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26272260	TMEM80;TMEM80	0.137272	0.632326	0.886796	-1.12766	0.0892757	1.5952	1.5952	0.540543	1.16697	1.16697	0.862212	0.957628	-1.04425	0.0784997	0.614416	-1.62756	0.045391	0.564387	-1.77183	0.192357	1.41044	1.41044	0.529442	0.853184	-1.17208	0.195945	0.711177	-1.40612	2.22255	2.18651	0.874477	1
cg11637191	EGLN1	0.137275	0.219797	1.22574	1.22574	0.338032	1.16859	1.16859	0.0565933	1.40557	1.40557	0.373349	1.15507	1.15507	0.30953	1.18045	1.18045	0.946108	0.989393	-1.01072	0.0608398	0.716518	-1.39564	0.0609151	1.39547	1.39547	0.17254	1.25737	1.25737	2.22253	0.875953	0.350333	1
cg13261883	SDK1	0.137276	0.15261	0.25203	-3.96777	0.186838	0.284019	-3.52089	0.991173	1.01	1.01	0.474213	0.519583	-1.92462	0.148689	0.24823	-4.02853	0.752187	0.752042	-1.32971	0.0182317	0.0759118	-13.1732	0.0200531	0.0801418	-12.4779	0.135803	0.235495	-4.24637	2.22252	28.4857	11.3928	1
cg17648620	EFHC1	0.137277	0.070926	0.614504	-1.62733	0.364742	1.25203	1.25203	0.0245836	1.9082	1.9082	0.447491	0.829576	-1.20544	0.807775	1.06059	1.06059	0.345641	1.26415	1.26415	0.202741	0.722864	-1.38339	0.288045	0.766288	-1.30499	0.675099	1.10709	1.10709	2.22251	2.05016	0.819958	1
cg06466360	YES1	0.137279	0.719026	1.04754	1.04754	0.485292	0.912869	-1.09545	0.323975	0.877252	-1.13992	0.933067	1.01086	1.01086	0.220358	1.18017	1.18017	0.0179227	1.44752	1.44752	0.0330185	1.37783	1.37783	0.94813	0.991671	-1.0084	0.252289	1.16619	1.16619	2.2225	0.581799	0.23269	1
cg04827747	C7orf49;C7orf49;C7orf49	0.13728	0.0877578	2.65036	2.65036	0.737513	1.19002	1.19002	0.184987	0.483305	-2.06908	0.560487	1.35587	1.35587	0.0406692	0.294537	-3.39515	0.617812	1.29716	1.29716	0.305585	1.73097	1.73097	0.110455	2.45876	2.45876	0.219252	1.95076	1.95076	2.22249	9.41614	3.76601	1
cg24459560	ZNF697	0.137281	0.0253306	0.33492	-2.98579	0.406646	0.705205	-1.41803	0.614612	0.81149	-1.2323	0.328661	0.660465	-1.51408	0.00825794	0.249131	-4.01396	0.828716	0.914714	-1.09324	0.169508	0.547649	-1.82599	0.904032	0.951585	-1.05088	0.245218	0.60647	-1.64889	2.22248	5.95854	2.38314	1
cg26613140	ZNF461	0.137281	0.488274	1.10517	1.10517	0.741719	1.04809	1.04809	0.568273	1.08536	1.08536	0.177532	1.22572	1.22572	0.115971	1.27462	1.27462	0.0192579	1.49498	1.49498	0.073128	0.752876	-1.32824	0.228579	1.19659	1.19659	0.429592	1.12133	1.12133	2.22248	0.710017	0.283974	1
cg15827482	NFASC;NFASC;NFASC;NFASC	0.137282	0.528134	1.09954	1.09954	0.179039	1.23605	1.23605	0.677305	0.939761	-1.0641	0.739852	0.951732	-1.05072	0.247964	0.835845	-1.19639	0.704938	0.945087	-1.0581	0.0461347	1.40387	1.40387	0.0369135	0.697812	-1.43305	0.222974	0.826868	-1.20938	2.22248	0.775806	0.310287	1
cg14194344	PPP2R2A	0.137282	0.172398	0.449915	-2.22264	0.0483355	0.289182	-3.45803	0.108978	0.382409	-2.615	0.90644	1.06679	1.06679	0.109438	0.382971	-2.61116	0.54201	0.712159	-1.40418	0.00972037	0.165519	-6.04162	0.381188	0.610213	-1.63877	0.500645	0.686649	-1.45635	2.22248	10.6452	4.25759	1
cg13155106	C2orf3	0.137282	0.23986	0.798372	-1.25255	0.0652413	0.684753	-1.46038	0.170736	0.765748	-1.30591	0.0532801	0.66916	-1.49441	0.402102	0.854787	-1.16988	0.035926	0.639845	-1.56288	0.132465	0.743009	-1.34588	0.296851	0.820452	-1.21884	0.259951	1.23987	1.23987	2.22247	1.1784	0.471308	1
cg09089644	NEIL3	0.137289	0.392016	0.805374	-1.24166	0.716633	0.913959	-1.09414	0.792966	0.93714	-1.06708	0.16125	0.691229	-1.4467	0.37	0.796738	-1.25512	0.237442	0.736772	-1.35727	0.78153	0.933683	-1.07103	0.631536	1.12666	1.12666	0.008745	2.28051	2.28051	2.22242	2.1443	0.857641	1
cg18577214	PGAP2;PGAP2;NUP98;PGAP2;PGAP2;NUP98;NUP98;NUP98;PGAP2	0.137289	0.384781	1.16288	1.16288	0.0646597	1.42112	1.42112	0.00809822	1.77573	1.77573	0.884344	0.975652	-1.02496	0.3355	0.845196	-1.18316	0.379119	1.16509	1.16509	0.457571	1.13667	1.13667	0.289166	1.20481	1.20481	0.265245	1.21728	1.21728	2.22242	1.00942	0.403731	1
cg25045630	PTPRN2;PTPRN2;PTPRN2	0.137292	0.971164	0.993094	-1.00695	0.922934	0.981622	-1.01872	0.354974	1.20011	1.20011	0.105256	1.40397	1.40397	0.73895	1.06621	1.06621	0.791403	0.950454	-1.05213	0.00932505	1.88175	1.88175	0.123919	0.726579	-1.37631	0.55724	1.12052	1.12052	2.2224	1.29347	0.517348	1
cg16706038	C21orf56;C21orf56	0.137292	0.806394	1.06578	1.06578	0.500388	0.837391	-1.19418	0.0356132	0.530164	-1.88621	0.989777	0.996682	-1.00333	0.0435955	0.54774	-1.82568	0.607643	1.14381	1.14381	0.0574627	1.74623	1.74623	0.878842	0.961197	-1.04037	0.37317	0.788843	-1.26768	2.2224	2.3692	0.947605	1
cg08289700	FGF6	0.137293	0.200203	1.44987	1.44987	0.128405	1.57013	1.57013	0.176928	1.48291	1.48291	0.114326	0.624064	-1.6024	0.617657	1.14815	1.14815	0.406365	1.26261	1.26261	0.0469138	1.86718	1.86718	0.138528	0.645472	-1.54925	0.73991	1.09577	1.09577	2.22239	2.65255	1.06094	1
cg01809819	MATN1	0.137293	0.587882	0.893965	-1.11861	0.0333054	0.600726	-1.66465	0.147095	0.727058	-1.37541	0.546267	0.882416	-1.13325	0.389027	1.19823	1.19823	0.181223	0.747675	-1.33748	0.90758	1.02408	1.02408	0.157286	1.3632	1.3632	0.119188	1.41401	1.41401	2.22239	1.4772	0.590834	1
cg22981175	MCF2L;MCF2L	0.137295	0.183215	0.470549	-2.12518	0.105274	2.57227	2.57227	0.0873496	2.73889	2.73889	0.5528	1.37787	1.37787	0.0392715	0.279935	-3.57226	0.25174	0.527727	-1.89492	0.425054	1.54474	1.54474	0.778095	1.16278	1.16278	0.971494	0.981106	-1.01926	2.22238	10.03	4.01172	1
cg11172286	KBTBD4;NDUFS3;KBTBD4;KBTBD4;KBTBD4	0.137296	0.220834	0.85878	-1.16444	0.929372	0.989569	-1.01054	0.275905	1.14347	1.14347	0.702599	1.04642	1.04642	0.307656	0.882579	-1.13304	0.35867	0.894364	-1.11811	0.970873	1.00433	1.00433	0.116703	1.22337	1.22337	0.0133837	1.43669	1.43669	2.22237	0.492448	0.196966	1
cg24675735	MGAT5B;MGAT5B	0.137297	0.0271934	0.475029	-2.10514	0.739114	1.09984	1.09984	0.156824	0.649732	-1.5391	0.510337	0.826842	-1.20942	0.958266	0.985209	-1.01501	0.139261	1.5732	1.5732	0.061769	1.82036	1.82036	0.643033	1.14213	1.14213	0.826143	1.06464	1.06464	2.22236	2.85381	1.14145	1
cg00608779	PRRX2	0.137304	0.11197	0.621291	-1.60955	0.488191	1.21369	1.21369	0.0792176	0.585161	-1.70893	0.289142	0.738909	-1.35335	0.00868558	0.398623	-2.50864	0.225634	0.70474	-1.41896	0.341171	0.763586	-1.30961	0.215985	0.699018	-1.43058	0.650326	0.88206	-1.13371	2.22231	2.66163	1.06461	1
cg19413766	LOC646762	0.137306	0.931068	1.03065	1.03065	0.746469	0.892976	-1.11985	0.0897735	1.92058	1.92058	0.0476228	0.453627	-2.20445	0.57106	0.818922	-1.22112	0.5555	1.23131	1.23131	0.0257112	2.52053	2.52053	0.775249	1.10505	1.10505	0.475591	0.77635	-1.28808	2.22229	4.2857	1.71423	1
cg10059167	OR7E156P	0.137308	0.0267033	0.140751	-7.10473	0.297891	0.446703	-2.23862	0.217246	0.379281	-2.63657	0.177486	0.342907	-2.91624	0.0934253	0.252087	-3.96688	0.924121	1.07374	1.07374	0.0262437	0.139613	-7.16265	0.575007	0.655041	-1.52662	0.0577383	0.201415	-4.96488	2.22228	19.6288	7.85133	1
cg25289457	KIAA0240	0.137309	0.881359	0.937954	-1.06615	0.0524663	2.57488	2.57488	0.283432	1.61282	1.61282	0.453202	1.38782	1.38782	0.0124142	0.263251	-3.79866	0.933032	0.964595	-1.0367	0.708652	1.17468	1.17468	0.518365	1.32424	1.32424	0.797483	0.895575	-1.1166	2.22227	6.47454	2.58975	1
cg00073794	ALK	0.13731	0.962795	0.967587	-1.0335	0.0331828	0.17225	-5.80551	0.0109544	0.104841	-9.53824	0.411063	1.81078	1.81078	0.472431	0.596752	-1.67574	0.519574	0.630559	-1.58589	0.274761	0.448125	-2.23152	0.202182	0.38628	-2.58879	0.998772	1.00109	1.00109	2.22227	17.5615	7.02448	1
cg09659803	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.137317	0.0538227	3.30176	3.30176	0.0836297	2.84238	2.84238	0.151383	2.31339	2.31339	0.108867	2.5961	2.5961	0.184473	2.15544	2.15544	0.284804	1.83337	1.83337	0.0201915	4.61061	4.61061	0.0926732	2.74418	2.74418	0.0866954	2.8076	2.8076	2.22221	10.4761	4.19048	1
cg13034943	ULK1	0.137318	0.637594	1.20357	1.20357	0.717696	1.15233	1.15233	0.542885	1.27191	1.27191	0.375182	1.4268	1.4268	0.752874	1.13128	1.13128	0.0054328	0.239656	-4.17265	0.755284	1.12986	1.12986	0.756273	1.12928	1.12928	0.213096	1.66872	1.66872	2.2222	5.3673	2.14694	1
cg02079420	SNX16;SNX16;SNX16	0.137319	0.0282258	0.660161	-1.51478	0.63272	0.92573	-1.08023	0.739125	0.947842	-1.05503	0.315412	0.846722	-1.18102	0.336851	0.853242	-1.172	0.893632	1.02167	1.02167	0.0101042	0.594414	-1.68233	0.124265	0.765845	-1.30575	0.185891	0.798669	-1.25208	2.22219	0.904165	0.361671	1
cg00729475	GDE1	0.137322	0.332764	0.78417	-1.27523	0.846494	1.04829	1.04829	0.0119115	2.14623	2.14623	0.511016	0.850252	-1.17612	0.241284	0.741942	-1.34781	0.594767	0.877529	-1.13956	0.159094	0.693356	-1.44226	0.268534	1.3237	1.3237	0.625252	0.887115	-1.12725	2.22218	2.08398	0.833609	1
cg17503085	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.137325	0.0512025	0.487098	-2.05297	0.288374	1.42913	1.42913	0.545428	1.21925	1.21925	0.89142	1.04524	1.04524	0.619359	1.17613	1.17613	0.430468	1.29783	1.29783	0.0130696	0.368858	-2.71107	0.760472	1.10413	1.10413	0.666451	0.86894	-1.15083	2.22215	3.69359	1.47748	1
cg21007089	INO80;INO80	0.137328	0.0779672	0.752756	-1.32845	0.319041	0.861287	-1.16105	0.739239	1.04963	1.04963	0.0175233	0.657547	-1.5208	0.753645	1.04671	1.04671	0.140745	0.794725	-1.2583	0.380913	1.1392	1.1392	0.300762	0.856	-1.16822	0.337975	1.154	1.154	2.22213	0.740039	0.296028	1
cg06519069	ODF3L2	0.137331	0.356928	0.801451	-1.24774	0.472172	1.18629	1.18629	0.0056357	0.427958	-2.33668	0.352758	0.79982	-1.25028	0.275799	0.767336	-1.30321	0.434603	0.83008	-1.2047	0.343561	0.796182	-1.25599	0.121844	0.675878	-1.47956	0.688482	1.09872	1.09872	2.2221	1.92046	0.768224	1
cg15021531	DDIT3	0.137333	0.0499298	0.814721	-1.22741	0.0507984	0.815521	-1.22621	0.532696	1.05962	1.05962	0.539428	0.944652	-1.05859	0.332875	1.09586	1.09586	0.248594	0.895361	-1.11687	0.148405	0.867566	-1.15265	0.857433	1.01662	1.01662	0.148702	1.15251	1.15251	2.22209	0.29557	0.118235	1
cg21874706	KRT14	0.137334	0.0670107	0.413892	-2.41609	0.10262	0.464215	-2.15418	0.0818157	0.436655	-2.29014	0.317828	0.641684	-1.5584	0.0338703	0.344947	-2.899	0.0587306	0.399555	-2.50279	0.298624	0.62945	-1.58869	0.0365234	0.351975	-2.84111	0.524985	0.758216	-1.31888	2.22209	6.4974	2.59912	1
cg25624887	CDCP1	0.137336	0.336421	0.748336	-1.3363	0.246897	1.42497	1.42497	0.0228585	0.450906	-2.21776	0.51784	0.8255	-1.21139	0.516637	0.825032	-1.21207	0.994847	1.00189	1.00189	0.129676	1.61421	1.61421	0.256064	0.706969	-1.41449	0.084653	0.572459	-1.74685	2.22207	3.01081	1.20441	1
cg17220632	ARHGEF10	0.137336	0.104088	0.304197	-3.28735	0.211985	0.414579	-2.41208	0.0610747	0.243268	-4.11069	0.606756	0.706309	-1.41581	0.0655739	0.250581	-3.99073	0.308567	2.02542	2.02542	0.223783	0.424885	-2.35358	0.170832	2.65557	2.65557	0.238166	0.43716	-2.28749	2.22206	15.7839	6.31402	1
cg04993975	LHX1	0.137338	0.0662268	3.21606	3.21606	0.315051	0.554878	-1.8022	0.177304	0.443549	-2.25454	0.0580641	3.36875	3.36875	0.560741	0.716408	-1.39585	0.131553	2.51673	2.51673	0.147149	2.41575	2.41575	0.870908	1.09659	1.09659	0.283972	1.87964	1.87964	2.22206	11.3124	4.52531	1
cg19148201	DDR1;DDR1;DDR1	0.137342	0.495022	1.26816	1.26816	0.04941	2.15732	2.15732	0.425608	0.756572	-1.32175	0.984498	1.00668	1.00668	0.267168	0.672768	-1.4864	0.832269	0.929862	-1.07543	0.901127	0.958279	-1.04354	0.0114667	2.95811	2.95811	0.823034	0.926073	-1.07983	2.22202	4.1372	1.65503	1
cg10676084	GABRB3;GABRB3	0.137344	0.812916	0.954261	-1.04793	0.366699	1.20097	1.20097	0.00720508	1.98359	1.98359	0.15535	1.3502	1.3502	0.794259	0.949699	-1.05297	0.721013	0.931638	-1.07338	0.339465	0.82331	-1.21461	0.663586	0.917203	-1.09027	0.223521	1.2873	1.2873	2.22201	1.37237	0.549	1
cg11949606	SYNJ1;SYNJ1;SYNJ1;SYNJ1	0.137346	0.670963	1.32068	1.32068	0.230792	0.441217	-2.26646	0.726512	0.795677	-1.25679	0.177395	2.54229	2.54229	0.122367	0.336303	-2.97351	0.243019	0.451496	-2.21486	0.0165083	0.148601	-6.72944	0.324073	1.94038	1.94038	0.429321	0.591472	-1.6907	2.22199	14.909	5.96421	1
cg23281417	STK17A	0.137346	0.675187	1.06271	1.06271	0.303322	0.85738	-1.16634	0.831734	1.03119	1.03119	0.0887458	1.31123	1.31123	0.416087	1.12745	1.12745	0.638198	1.07075	1.07075	0.0150809	0.649818	-1.53889	0.653713	1.06734	1.06734	0.176333	0.812643	-1.23055	2.22199	0.733014	0.293236	1
cg23331932	C10orf28;C10orf28	0.13735	0.261107	0.409519	-2.44189	0.178977	2.96693	2.96693	0.13689	3.38918	3.38918	?	?	?	0.632372	0.692707	-1.44361	0.289887	2.3089	2.3089	0.0577899	0.195135	-5.12465	0.112939	3.72198	3.72198	0.431994	1.84207	1.84207	2.24129	18.3091	8.169	1
cg12381188	DNAJB6	0.137354	0.782713	1.0934	1.0934	0.0464211	2.08922	2.08922	0.0816461	1.86505	1.86505	0.296963	1.41801	1.41801	0.106644	0.56609	-1.7665	0.957886	1.0172	1.0172	0.309848	0.71218	-1.40414	0.713651	0.887772	-1.12642	0.146386	0.60438	-1.65459	2.22194	3.67111	1.46863	1
cg03688324	FGF9	0.137361	0.932859	1.03729	1.03729	0.00606185	4.74549	4.74549	0.0653979	2.45617	2.45617	0.935773	1.03564	1.03564	0.155465	1.93557	1.93557	0.862268	0.92733	-1.07837	0.375447	1.48471	1.48471	0.253339	1.67921	1.67921	0.958816	1.02269	1.02269	2.22188	6.64287	2.65756	1
cg06611744	RASL11A;RASL11A	0.137363	0.522914	1.1004	1.1004	0.0140974	1.58752	1.58752	0.944622	0.989808	-1.0103	0.438798	1.1239	1.1239	0.157945	1.25225	1.25225	0.0699359	1.3554	1.3554	0.420456	0.88535	-1.1295	0.23806	0.83231	-1.20148	0.835524	1.03114	1.03114	2.34203	0.789635	0.262234	1
cg17423650	C1orf26;C1orf26	0.137368	0.0804055	0.583215	-1.71463	0.858497	1.05087	1.05087	0.950284	1.01749	1.01749	0.559084	1.17852	1.17852	0.0198251	0.457453	-2.18602	0.696768	1.11503	1.11503	0.0599679	0.554313	-1.80404	0.263039	1.38324	1.38324	0.882833	0.959827	-1.04185	2.22182	2.72018	1.08827	1
cg09969046	SAPS1	0.137369	0.936339	1.01868	1.01868	0.0381377	0.573065	-1.745	0.492571	0.850904	-1.17522	0.414688	0.824352	-1.21307	0.495048	0.851714	-1.1741	0.237031	0.750516	-1.33242	0.0366821	1.75481	1.75481	0.176882	1.39451	1.39451	0.735573	1.08169	1.08169	2.22182	1.88852	0.755545	1
cg07900958	FAM19A5;FAM19A5	0.13737	0.0507244	0.374285	-2.67176	0.175697	1.88823	1.88823	0.291744	1.62081	1.62081	0.711467	1.17823	1.17823	0.0795413	0.423538	-2.36106	0.118784	0.473562	-2.11166	0.807837	1.11357	1.11357	0.620181	1.24676	1.24676	0.151445	0.507365	-1.97097	2.22181	6.85761	2.74356	1
cg27370248	RAB27A	0.137371	0.581821	0.914418	-1.09359	0.115371	0.75932	-1.31697	0.169296	0.790155	-1.26557	0.605016	0.919504	-1.08754	0.499863	1.11646	1.11646	0.268021	1.20391	1.20391	0.0477435	1.43924	1.43924	0.0571641	0.707422	-1.41358	0.823479	0.964701	-1.03659	2.22181	0.910392	0.364225	1
cg10938899	GTF2F2	0.137375	0.747315	0.906454	-1.1032	0.024362	0.44255	-2.25963	0.133177	0.611274	-1.63593	0.0232378	0.438577	-2.2801	0.696615	1.12642	1.12642	0.628211	0.862208	-1.15981	0.241335	1.45156	1.45156	0.526474	0.822838	-1.21531	0.898821	0.962088	-1.03941	2.22177	3.24825	1.29956	1
cg05080834	GPR143	0.137376	0.782668	1.15978	1.15978	0.0253392	0.240484	-4.15828	0.496713	0.690784	-1.44763	0.114992	0.399019	-2.50615	0.091297	0.369015	-2.70992	0.853751	1.10398	1.10398	0.079839	2.83485	2.83485	0.973549	0.982383	-1.01793	0.771395	1.16903	1.16903	2.22177	10.1119	4.0456	1
cg26330135	KCND3;KCND3	0.137376	0.0150523	0.645148	-1.55003	0.394299	0.879871	-1.13653	0.46493	1.11526	1.11526	0.0737311	0.746468	-1.33964	0.160127	1.24623	1.24623	0.263071	0.842702	-1.18666	0.362378	0.871691	-1.1472	0.743864	0.953047	-1.04927	0.402017	0.881787	-1.13406	2.22176	0.757057	0.302886	1
cg01652078	CMIP;CMIP	0.137377	0.115028	0.351999	-2.84092	0.185586	0.425176	-2.35197	0.109811	0.345733	-2.8924	0.998842	0.999116	-1.00088	0.0102085	0.138993	-7.19462	0.122603	0.360824	-2.77143	0.140574	0.38065	-2.62709	0.0946341	0.326494	-3.06284	0.549948	0.691731	-1.44565	2.22176	13.0632	5.22638	1
cg06139006	GALNT9;GALNT9	0.137378	0.0491774	0.0999903	-10.001	0.0126938	0.0417324	-23.9622	0.876719	0.852822	-1.17258	0.955041	0.943821	-1.05952	0.523474	0.515256	-1.94078	0.534171	0.524316	-1.90725	0.0313039	0.0749654	-13.3395	0.518015	0.510649	-1.95829	0.208274	0.25653	-3.89818	2.22175	37.007	14.8059	1
cg03127558	MAMSTR	0.137379	0.542168	1.21919	1.21919	0.0573168	1.99506	1.99506	0.359888	1.35305	1.35305	0.701962	0.883819	-1.13145	0.168316	0.624027	-1.60249	0.524194	0.81276	-1.23038	0.0426803	2.11592	2.11592	0.225932	0.664684	-1.50447	0.272357	0.692821	-1.44337	2.22175	3.63045	1.45249	1
cg10994870	PDCD1	0.137379	0.607303	0.901359	-1.10944	0.751107	0.938241	-1.06582	0.119082	0.712561	-1.40339	0.422529	1.17836	1.17836	0.136046	0.724839	-1.37962	0.114331	1.4107	1.4107	0.0433742	1.59273	1.59273	0.968071	0.992013	-1.00805	0.172682	0.747709	-1.33742	2.22174	1.41224	0.565018	1
cg14066298	TRIM39;TRIM39	0.137379	0.203047	0.285748	-3.49959	0.256829	0.331781	-3.01404	0.439359	0.479399	-2.08595	0.557236	1.73914	1.73914	0.601744	0.61209	-1.63375	0.596199	1.64629	1.64629	0.0092323	0.0459366	-21.7691	0.556898	0.574719	-1.73998	0.04478	0.116787	-8.56263	2.22174	30.5795	12.2344	1
cg27546195	RAB3GAP2	0.13738	0.4896	0.910579	-1.0982	0.0626526	0.756093	-1.32259	0.409328	1.11921	1.11921	0.512778	1.09263	1.09263	0.51294	1.0926	1.0926	0.0565063	1.33397	1.33397	0.0784234	0.770349	-1.29811	0.27131	1.16514	1.16514	0.38879	1.12511	1.12511	2.22174	0.626763	0.25076	1
cg03556771	MIR299;MIR380	0.137381	0.94858	1.01853	1.01853	0.0291157	2.07977	2.07977	0.90887	1.03314	1.03314	0.988266	1.0042	1.0042	0.915475	0.97022	-1.03069	0.979477	0.992702	-1.00735	0.00754107	2.66181	2.66181	0.48994	1.22105	1.22105	0.668036	0.884395	-1.13072	2.22173	2.85328	1.14157	1
cg05111988	TMOD2;TMOD2	0.137381	0.479589	1.28198	1.28198	0.0404377	2.26615	2.26615	0.0827872	1.94253	1.94253	0.0486647	2.17783	2.17783	0.273486	1.48274	1.48274	0.143446	1.72185	1.72185	0.590932	0.828997	-1.20628	0.0414698	2.25391	2.25391	0.163793	1.67129	1.67129	2.22173	4.20362	1.68182	1
cg13442749	PHF2	0.137382	0.186952	1.50625	1.50625	0.920456	1.02968	1.02968	0.467352	1.24181	1.24181	0.0258704	2.1699	2.1699	0.82046	1.06883	1.06883	0.637485	1.14912	1.14912	0.596273	1.16949	1.16949	0.147798	0.63462	-1.57575	0.0231964	2.21386	2.21386	2.22172	3.01745	1.20726	1
cg09129895	DHX29;SKIV2L2;SKIV2L2	0.137382	0.776809	0.941399	-1.06225	0.997869	1.00057	1.00057	0.368823	1.21667	1.21667	0.19129	0.745292	-1.34176	0.389528	1.20606	1.20606	0.362377	1.22009	1.22009	0.0426182	0.608972	-1.64211	0.206044	0.753201	-1.32767	0.0467747	1.62207	1.62207	2.22172	1.58862	0.635591	1
cg07279631	ARHGEF10	0.137382	0.344321	1.30218	1.30218	0.742773	1.09337	1.09337	0.14284	0.652526	-1.5325	0.531733	1.18733	1.18733	0.882549	0.96072	-1.04089	0.0643495	1.75655	1.75655	0.0105019	2.39384	2.39384	0.464104	1.22383	1.22383	0.763341	1.0853	1.0853	2.22172	2.58544	1.03441	1
cg20111980	LOC93622	0.137383	0.130172	0.348347	-2.8707	0.421925	1.69762	1.69762	0.359918	0.544859	-1.83534	0.658689	0.750677	-1.33213	0.0394628	0.21509	-4.64921	0.0823849	0.289015	-3.46003	0.0169513	0.152787	-6.54508	0.39651	0.57114	-1.75088	0.373141	0.55443	-1.80365	2.22172	14.6439	5.85891	1
cg03540975	IGF1R	0.137383	0.173696	0.420574	-2.3777	0.0282782	0.212313	-4.71002	0.0938803	0.332093	-3.0112	0.568438	0.70825	-1.41193	0.376913	0.581249	-1.72043	0.251696	0.488421	-2.04741	0.0200442	0.186543	-5.36069	0.408988	1.65754	1.65754	0.409775	0.603839	-1.65607	2.22171	12.5999	5.04113	1
cg15462530	KIF26A	0.137384	0.70628	0.952036	-1.05038	0.0728556	1.29664	1.29664	0.0352425	0.727321	-1.37491	0.267912	0.860858	-1.16163	0.186864	1.19919	1.19919	0.232491	1.17651	1.17651	0.354751	1.13156	1.13156	0.686626	0.948707	-1.05407	0.310563	1.14593	1.14593	2.2217	0.593077	0.237286	1
cg11614389	SSBP2	0.137384	0.247815	1.43555	1.43555	0.275257	1.40446	1.40446	0.342159	0.746119	-1.34027	0.782065	0.92037	-1.08652	0.829876	1.0665	1.0665	0.0322891	2.11734	2.11734	0.0381726	0.487249	-2.05234	0.287943	1.39116	1.39116	0.78066	0.919862	-1.08712	2.2217	3.15071	1.26058	1
cg02585729	LOC100133315	0.137385	0.137965	0.627717	-1.59308	0.373164	0.766035	-1.30542	0.458233	0.802356	-1.24633	0.129021	0.619885	-1.6132	0.00461822	0.333276	-3.00051	0.317249	0.739779	-1.35175	0.39598	0.776142	-1.28842	0.266416	0.713494	-1.40155	0.114905	0.606661	-1.64837	2.2217	2.99055	1.19651	1
cg03617683	KIAA0513	0.137386	0.207357	0.70763	-1.41317	0.0328894	0.522534	-1.91375	0.067903	0.587511	-1.70209	0.725769	1.09592	1.09592	0.626527	0.880247	-1.13605	0.534268	1.17788	1.17788	0.243547	0.728057	-1.37352	0.0215089	0.487602	-2.05085	0.648099	0.887346	-1.12696	2.22169	2.38047	0.952415	1
cg15166332	FZD8	0.137387	0.810045	0.956276	-1.04572	0.482006	1.14188	1.14188	0.787968	1.05132	1.05132	0.107077	1.38625	1.38625	0.667149	1.08364	1.08364	0.65908	0.920874	-1.08592	0.635119	0.915072	-1.09281	0.0118105	1.79269	1.79269	0.0370467	1.5676	1.5676	2.22169	1.21289	0.485271	1
cg23102962	MMAB;MVK;MVK	0.137389	0.912095	0.978121	-1.02237	0.0711301	1.49754	1.49754	0.691357	1.08322	1.08322	0.698305	0.924941	-1.08115	0.236914	1.28175	1.28175	0.416317	1.18106	1.18106	0.0155736	0.552007	-1.81157	0.253364	0.787444	-1.26993	0.77378	0.943904	-1.05943	2.22167	1.41195	0.564921	1
cg13178198	ADARB2	0.13739	0.88712	0.91511	-1.09276	0.0275764	5.09013	5.09013	0.74963	1.22137	1.22137	0.569889	1.43142	1.43142	0.0606365	0.26683	-3.7477	0.106118	0.332118	-3.01097	0.246169	0.468834	-2.13295	0.580677	1.41691	1.41691	0.49112	0.6461	-1.54775	2.22166	13.7261	5.49183	1
cg14572636	CRB2	0.137392	0.753088	0.909779	-1.09917	0.373844	1.31458	1.31458	0.137388	1.6151	1.6151	0.774894	0.917676	-1.08971	0.0551986	0.521381	-1.91798	0.792885	0.924184	-1.08204	0.0175151	2.37819	2.37819	0.553661	0.835674	-1.19664	0.932116	1.02586	1.02586	2.22164	3.1588	1.26385	1
cg14095100	TLE1;TLE1	0.137394	0.0960534	2.79179	2.79179	0.936927	0.956517	-1.04546	0.888427	0.924176	-1.08204	0.20038	2.1378	2.1378	0.0475789	3.57085	3.57085	0.192924	0.461165	-2.16842	0.775994	1.1738	1.1738	0.528481	1.4315	1.4315	0.0237211	4.55657	4.55657	2.22163	11.1023	4.44211	1
cg26673264	HDAC4	0.137394	0.903231	1.07782	1.07782	0.21992	2.21383	2.21383	0.137845	2.67637	2.67637	0.581824	1.40874	1.40874	0.00826483	0.124831	-8.0108	0.488372	1.54296	1.54296	0.512207	1.50613	1.50613	0.911891	1.07058	1.07058	0.743642	0.816944	-1.22407	2.22163	13.3561	5.34389	1
cg12529944	KIAA0562	0.137395	0.897101	1.05356	1.05356	0.322908	0.66251	-1.50941	0.252233	1.61975	1.61975	0.660887	1.19483	1.19483	0.288967	0.641558	-1.5587	0.0173898	0.311066	-3.21476	0.278391	1.57536	1.57536	0.984416	1.00791	1.00791	0.0642379	0.432373	-2.31282	2.22162	5.72104	2.28903	1
cg03915559	LGI1	0.137396	0.425594	0.704036	-1.42038	0.427884	1.41782	1.41782	0.117029	2.08422	2.08422	0.354206	0.662911	-1.5085	0.661329	1.20941	1.20941	0.343368	1.52352	1.52352	0.0111046	0.253273	-3.94831	0.751304	0.871852	-1.14698	0.522108	1.3229	1.3229	2.22161	6.54568	2.61899	1
cg07151747	UPP2;UPP2	0.137396	0.0467141	0.143716	-6.95815	0.0829067	0.194814	-5.13309	0.595671	0.63368	-1.57808	0.205995	0.320967	-3.11558	0.0328975	0.119358	-8.37817	0.263077	0.370125	-2.70179	0.0350292	0.123401	-8.10368	0.241574	0.35197	-2.84115	0.0711204	0.179547	-5.56958	2.22161	25.5328	10.2159	1
cg01309945	SLC7A11	0.137399	0.0411214	0.434096	-2.30364	0.522881	0.795082	-1.25773	0.334723	0.703066	-1.42234	0.0572777	0.466913	-2.14173	0.0568976	0.46623	-2.14487	0.0189891	0.365758	-2.73405	0.755019	0.895078	-1.11722	0.973964	0.988509	-1.01162	0.245311	0.650283	-1.53779	2.22159	4.41244	1.76548	1
cg14141448	ABCF1;ABCF1	0.1374	0.455808	0.879005	-1.13765	0.99897	1.00022	1.00022	0.668482	0.929467	-1.07589	0.833241	0.964835	-1.03645	0.200218	0.794738	-1.25828	0.939157	0.987122	-1.01305	0.00446558	0.525265	-1.9038	0.0927969	0.73051	-1.36891	0.201828	0.795462	-1.25713	2.22158	1.01431	0.40584	1
cg00920069	B3GNTL1	0.137405	0.0444622	0.278469	-3.59106	0.0615117	0.311372	-3.2116	0.121697	0.394807	-2.53289	0.189444	0.463027	-2.1597	0.245426	0.510188	-1.96006	0.209998	0.481043	-2.07881	0.128675	2.48335	2.48335	0.669417	1.26859	1.26859	0.701721	0.808022	-1.23759	2.22155	10.796	4.31971	1
cg04666202	ZNF789;ZNF789	0.137408	0.0901489	0.801646	-1.24743	0.622514	0.942952	-1.0605	0.468078	1.09133	1.09133	0.43967	1.09779	1.09779	0.167974	1.18999	1.18999	0.618498	0.942302	-1.06123	0.0595845	0.777487	-1.28619	0.409076	0.904885	-1.10511	0.0626174	1.2815	1.2815	2.22153	0.49305	0.197282	1
cg06514371	RAP2B	0.137408	0.610881	0.632547	-1.58091	0.962552	1.04274	1.04274	0.748813	1.33178	1.33178	?	?	?	0.0813572	5.75503	5.75503	0.655461	1.49289	1.49289	?	?	?	0.586782	0.612684	-1.63216	0.0163494	0.0670717	-14.9094	2.38214	22.825	9.58173	1
cg11466815	SLC38A9	0.13741	0.658543	0.898462	-1.11301	0.47364	0.839077	-1.19179	0.961107	1.01181	1.01181	0.930263	0.979148	-1.0213	0.442407	0.828153	-1.20751	0.300752	0.772484	-1.29452	0.0150214	2.05374	2.05374	0.0579042	0.596821	-1.67554	0.342666	1.26537	1.26537	2.22151	2.0392	0.815943	1
cg15128849	HHLA3;ANKRD13C;HHLA3;HHLA3;HHLA3	0.137411	0.340558	0.853576	-1.17154	0.113878	1.31951	1.31951	0.375107	1.15805	1.15805	0.78282	0.956437	-1.04555	0.0925062	0.741977	-1.34775	0.760107	0.951832	-1.05061	0.032508	1.49694	1.49694	0.154355	1.2786	1.2786	0.55576	0.908414	-1.10082	2.2215	0.914197	0.365797	1
cg03140968	PAX1	0.137413	0.668124	1.26704	1.26704	0.943982	0.962171	-1.03932	0.43823	1.54328	1.54328	0.0897477	0.358282	-2.7911	0.185623	0.462913	-2.16023	0.470495	0.668392	-1.49613	0.540886	0.711984	-1.40453	0.0174341	4.89555	4.89555	0.266839	1.88672	1.88672	2.22149	10.5953	4.23953	1
cg25707951	TCF12;TCF12;TCF12;TCF12;TCF12	0.137413	0.0220631	0.132281	-7.55966	0.0360198	0.165808	-6.03106	0.078879	0.237465	-4.21114	0.143944	0.314515	-3.1795	0.137058	0.307271	-3.25446	0.169104	0.33979	-2.943	0.187146	0.35696	-2.80143	0.0795805	0.238436	-4.194	0.227335	0.393057	-2.54416	2.22148	19.1001	7.64259	1
cg17784606	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.137416	0.131844	1.27383	1.27383	0.467422	0.895807	-1.11631	0.444347	0.890445	-1.12303	0.800629	0.963046	-1.03837	0.169766	1.24312	1.24312	0.652606	0.934795	-1.06975	0.00754311	1.6679	1.6679	0.925342	1.01404	1.01404	0.745062	1.04975	1.04975	2.22147	0.779059	0.31173	1
cg08724510	TPPP	0.137417	0.0304803	0.535543	-1.86726	0.43798	0.82342	-1.21445	0.225376	0.731481	-1.36709	0.124916	0.665031	-1.50369	0.115765	0.657153	-1.52171	0.465662	0.833326	-1.20001	0.756997	0.92661	-1.0792	0.0246704	0.51842	-1.92894	0.0383653	0.554724	-1.8027	2.22146	2.12183	0.849022	1
cg06612016	PTPRN2;PTPRN2;PTPRN2	0.137427	0.749607	0.911433	-1.09717	0.446166	0.798598	-1.25219	0.83505	1.06225	1.06225	0.934413	1.02412	1.02412	0.00415097	0.32862	-3.04303	0.930494	0.975051	-1.02559	0.654173	1.1395	1.1395	0.391641	0.775546	-1.28941	0.10905	0.602831	-1.65884	2.22138	2.95096	1.18083	1
cg24735937	CLTB;CLTB	0.13743	0.904865	0.932427	-1.07247	0.0239994	4.83346	4.83346	0.450483	1.56821	1.56821	0.130446	2.60065	2.60065	0.345213	0.566157	-1.7663	0.642762	1.31434	1.31434	0.109455	0.360155	-2.77659	0.169856	0.425039	-2.35272	0.661122	1.2945	1.2945	2.22136	12.0467	4.82054	1
cg15727783	SLK	0.13743	0.338219	1.40543	1.40543	0.221266	1.55777	1.55777	0.376642	1.3672	1.3672	0.352321	1.39091	1.39091	0.427414	1.32226	1.32226	0.566298	1.22123	1.22123	0.00758547	0.306089	-3.26702	0.999714	1.00012	1.00012	0.829343	1.07725	1.07725	2.22136	4.1812	1.67313	1
cg21771173	DOCK2	0.137441	0.0326954	7.76591	7.76591	0.188644	3.1342	3.1342	0.269712	2.56686	2.56686	0.127773	3.85941	3.85941	0.0415268	6.87396	6.87396	0.152276	3.51741	3.51741	0.306579	2.38256	2.38256	0.0625349	5.57991	5.57991	0.0387017	7.1253	7.1253	2.22128	23.6658	9.47034	1
cg17918700	KCNK7;KCNK7;KCNK7;KCNK7	0.137445	0.50089	0.879688	-1.13677	0.0562006	0.66648	-1.50042	0.060304	0.67198	-1.48814	0.303918	1.22114	1.22114	0.0472833	0.653198	-1.53093	0.29029	1.22866	1.22866	0.806414	1.04714	1.04714	0.19763	0.774515	-1.29113	0.480227	0.874025	-1.14413	2.22125	1.23851	0.495621	1
cg06266189	NGEF;NGEF	0.137445	0.337461	1.84409	1.84409	0.0472028	4.07686	4.07686	0.0218143	5.49299	5.49299	0.305083	1.92948	1.92948	0.268844	2.03948	2.03948	0.0953648	3.10783	3.10783	0.0518604	3.93208	3.93208	0.0598657	3.72095	3.72095	0.228575	2.18593	2.18593	2.22125	13.4737	5.39183	1
cg07207923	PXDN	0.137446	0.0491436	0.359514	-2.78153	0.215499	0.552204	-1.81093	0.221583	0.556967	-1.79544	0.108575	0.450543	-2.21954	0.0151831	0.257029	-3.89061	0.0731833	0.402448	-2.48479	0.26728	0.590704	-1.6929	0.12018	0.463989	-2.15522	0.12973	0.47444	-2.10775	2.22124	7.29967	2.92116	1
cg09918510	HYDIN;HYDIN	0.137447	0.544564	1.55431	1.55431	0.405409	1.84442	1.84442	0.609443	1.44851	1.44851	0.960338	1.03641	1.03641	0.39608	1.86823	1.86823	?	?	?	0.00666425	0.0795242	-12.5748	0.433612	1.77644	1.77644	0.967322	1.0299	1.0299	2.24053	16.3128	7.28075	1
cg24583855	STARD9	0.137448	0.0247604	0.0751045	-13.3148	0.50065	0.553131	-1.80789	0.952751	0.950437	-1.05215	0.166935	0.267336	-3.74061	0.671262	1.4443	1.4443	0.521918	1.75371	1.75371	0.420669	2.04563	2.04563	0.0482726	8.34557	8.34557	0.977074	0.97565	-1.02496	2.76671	29.592	5.94208	1
cg08953547	AP2M1;AP2M1	0.13745	0.143257	1.54977	1.54977	0.871312	0.955852	-1.04619	0.617544	0.869177	-1.15051	0.0207887	0.460667	-2.17076	0.93263	0.976727	-1.02383	0.499937	1.21011	1.21011	0.535152	1.19115	1.19115	0.150986	1.53515	1.53515	0.0861251	1.69578	1.69578	2.22121	2.7288	1.09202	1
cg16523380	CASZ1;CASZ1	0.137453	0.796751	0.918922	-1.08823	0.224453	0.658334	-1.51898	0.663304	1.15432	1.15432	0.484476	0.792352	-1.26207	0.591642	0.837436	-1.19412	0.239908	0.668221	-1.49651	0.00541509	0.301452	-3.31728	0.0619073	0.502207	-1.99121	0.681534	0.873561	-1.14474	2.22119	3.77557	1.51093	1
cg03631455	PCDHB13	0.137457	0.0335056	12.7748	12.7748	0.0428158	10.9253	10.9253	0.138078	5.14317	5.14317	0.134839	5.22441	5.22441	0.22882	3.652	3.652	0.254946	3.38392	3.38392	0.0653535	8.34465	8.34465	0.0502052	9.8719	9.8719	0.109825	5.97563	5.97563	2.22115	37.0029	14.8083	1
cg18863666	DIP2C	0.137458	0.0464051	0.382711	-2.61294	0.0201173	0.30717	-3.25553	0.0666686	0.420762	-2.37664	0.334945	0.657947	-1.51988	0.0437344	0.376826	-2.65374	0.270448	0.616881	-1.62106	0.125046	0.497064	-2.01182	0.676367	0.838	-1.19332	0.476601	0.737343	-1.35622	2.22115	6.23512	2.49525	1
cg07173877	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.137461	0.400349	1.42589	1.42589	0.0283119	2.90667	2.90667	0.1896	1.77295	1.77295	0.0478061	2.54119	2.54119	0.23346	0.59759	-1.67339	0.472939	1.35101	1.35101	?	?	?	0.96492	1.01829	1.01829	0.452895	0.729683	-1.37046	2.24042	5.35737	2.39123	1
cg24311644	DLGAP2	0.137462	0.199499	0.588527	-1.69916	0.00769665	3.81624	3.81624	0.220002	1.65594	1.65594	0.94179	0.971844	-1.02897	0.281581	1.54907	1.54907	0.21417	1.66775	1.66775	0.730079	1.14506	1.14506	0.445248	1.35572	1.35572	0.635927	0.829858	-1.20503	2.22112	5.38045	2.15325	1
cg11528307	C14orf80;C14orf80;C14orf80	0.137464	0.0746029	0.756115	-1.32255	0.191627	1.2148	1.2148	0.397015	1.12984	1.12984	0.0341304	1.41623	1.41623	0.367932	1.13903	1.13903	0.0904557	1.30028	1.30028	0.317225	1.15665	1.15665	0.169183	1.22896	1.22896	0.846394	0.97307	-1.02768	2.2211	0.696941	0.278917	1
cg21437548	9-Sep	0.137465	0.230751	2.39162	2.39162	0.0995015	3.49823	3.49823	0.0154602	7.85036	7.85036	0.0572492	4.44543	4.44543	0.497932	0.620501	-1.6116	0.854457	1.13582	1.13582	0.800513	1.19197	1.19197	0.256781	2.27263	2.27263	0.0992759	3.50171	3.50171	2.2211	16.9222	6.7723	1
cg20356878	ILDR1	0.137468	0.339877	0.689737	-1.44983	0.308719	0.671777	-1.48859	0.0619178	0.4521	-2.2119	0.0458536	0.421345	-2.37335	0.0175098	0.335569	-2.98002	0.253645	0.637515	-1.56859	0.0482976	0.426506	-2.34463	0.430489	0.737961	-1.35509	0.932007	0.96829	-1.03275	2.22107	5.01612	2.00748	1
cg17645598	UBTF;UBTF;UBTF	0.137469	0.594295	0.804465	-1.24306	0.0253209	2.93329	2.93329	0.281822	1.57251	1.57251	0.119705	1.98039	1.98039	0.123273	0.508796	-1.96542	0.987444	1.00639	1.00639	0.150509	0.535955	-1.86583	0.428662	1.38684	1.38684	0.821702	1.09566	1.09566	2.22107	5.76214	2.30605	1
cg15127661	FN1;FN1;FN1;FN1;FN1;FN1;FN1	0.137471	0.0227248	0.614967	-1.6261	0.0221596	0.613231	-1.63071	0.942383	1.01297	1.01297	0.963243	1.00825	1.00825	0.661361	0.924419	-1.08176	0.320597	1.20079	1.20079	0.73382	1.06275	1.06275	0.56635	0.901811	-1.10888	0.309966	1.20602	1.20602	2.22105	1.11827	0.447543	1
cg01573306	DNM3;DNM3	0.137474	0.989707	1.00626	1.00626	0.941567	1.0361	1.0361	0.495896	1.39723	1.39723	0.028469	3.49316	3.49316	0.431579	0.67819	-1.47451	0.176853	2.00267	2.00267	0.583853	1.30684	1.30684	0.0107944	4.70779	4.70779	0.638284	1.25743	1.25743	2.22103	8.23258	3.2948	1
cg02598642	PAPL	0.137476	0.0401518	0.526792	-1.89828	0.123173	0.636731	-1.57052	0.740333	0.914025	-1.09406	0.475125	0.821762	-1.2169	0.0243337	0.484117	-2.06561	0.180029	0.680556	-1.46939	0.0385818	0.523273	-1.91105	0.0859448	0.598747	-1.67015	0.419239	0.80005	-1.24992	2.22101	2.56995	1.02854	1
cg27509306	CCDC77;CCDC77;CCDC77;CCDC77	0.137477	0.902325	1.01863	1.01863	0.926833	1.01391	1.01391	0.889854	1.02106	1.02106	0.5103	0.904453	-1.10564	0.838471	0.969772	-1.03117	0.843051	0.97063	-1.03026	0.00342136	0.549861	-1.81864	0.598601	0.923225	-1.08316	0.294604	1.17758	1.17758	2.221	0.795452	0.318355	1
cg09022325	MYT1L	0.137478	0.519367	0.757159	-1.32073	0.137985	0.506492	-1.97436	0.287292	0.624654	-1.60089	0.240633	1.68743	1.68743	0.0229359	0.313842	-3.18632	0.655471	1.21077	1.21077	0.0316984	0.342122	-2.92294	0.88266	0.939036	-1.06492	0.419065	0.703534	-1.4214	2.221	6.38044	2.55358	1
cg16528186	CTAGE6	0.13748	0.0346751	0.318879	-3.13599	0.298531	0.606446	-1.64895	0.284708	0.597034	-1.67495	0.273519	0.589254	-1.69706	0.0118876	0.232865	-4.29434	0.193464	0.527993	-1.89396	0.0788386	0.404204	-2.474	0.994209	0.996637	-1.00337	0.187524	0.522934	-1.91229	2.22099	7.57769	3.03276	1
cg19455335	C8orf58	0.137481	0.245601	0.906891	-1.10267	0.351531	1.08022	1.08022	0.108076	1.15154	1.15154	0.336057	0.923274	-1.0831	0.581392	1.04583	1.04583	0.710206	1.03049	1.03049	0.528842	0.949949	-1.05269	0.0260785	0.808566	-1.23676	0.133286	1.13921	1.13921	2.22097	0.227818	0.0911786	1
cg06748792	VEZF1	0.137483	0.0351464	0.354678	-2.81946	0.285234	0.625743	-1.5981	0.208968	0.571555	-1.74961	0.858437	1.07833	1.07833	0.0205403	0.307697	-3.24995	0.262073	0.610221	-1.63875	0.0554013	0.399667	-2.50209	0.625728	1.23074	1.23074	0.4127	0.702059	-1.42438	2.22096	6.2752	2.51151	1
cg19275745	GRK7	0.137485	0.453374	0.568366	-1.75943	0.652595	1.3982	1.3982	0.493444	0.597832	-1.67271	0.890184	0.902862	-1.10759	0.0278844	0.146304	-6.8351	0.616126	0.688045	-1.45339	0.0448147	0.182039	-5.49334	0.0635344	4.6793	4.6793	0.928693	1.06845	1.06845	2.22095	19.2455	7.70263	1
cg22690075	USP48;USP48	0.137485	0.33742	0.802591	-1.24596	0.174779	1.37842	1.37842	0.50942	1.16046	1.16046	0.188567	0.733614	-1.36311	0.210126	1.34134	1.34134	0.0745135	0.642872	-1.55552	0.448919	0.842325	-1.18719	0.896536	0.971485	-1.02935	0.0472107	1.65685	1.65685	2.22095	1.73922	0.696089	1
cg05228735	ZNF689	0.137487	0.390955	0.925118	-1.08094	0.666358	0.962319	-1.03916	0.20917	0.889394	-1.12436	0.327086	0.914312	-1.09372	0.928976	1.00793	1.00793	0.885548	0.987328	-1.01283	0.12307	1.15943	1.15943	0.0885552	0.846736	-1.18101	0.0266109	1.26198	1.26198	2.22093	0.275791	0.11038	1
cg13579428	LOC728323	0.137487	0.929397	0.984087	-1.01617	0.00484374	1.96657	1.96657	0.809931	1.04458	1.04458	0.55017	1.11564	1.11564	0.100197	1.38543	1.38543	0.885233	0.974197	-1.02649	0.686062	1.07632	1.07632	0.24613	1.24551	1.24551	0.145231	1.32727	1.32727	2.22093	1.15242	0.461234	1
cg02902617	RIN3	0.137488	0.464265	1.33983	1.33983	0.49879	1.30954	1.30954	0.720938	0.868602	-1.15127	0.248593	0.622712	-1.60588	0.78124	1.11554	1.11554	0.109452	1.9846	1.9846	0.00716901	3.90971	3.90971	0.388619	1.41483	1.41483	0.656044	0.838573	-1.1925	2.22092	5.42552	2.17148	1
cg12029281	TEAD3	0.137491	0.0375767	0.573143	-1.74477	0.0950035	0.654884	-1.52699	0.16569	0.710987	-1.40649	0.0613139	0.614809	-1.62652	0.297744	0.779538	-1.28281	0.206823	0.735523	-1.35958	0.0562253	0.607218	-1.64686	0.335289	0.79513	-1.25766	0.0285353	0.550899	-1.81521	2.2209	1.87243	0.749419	1
cg15993876	ACTR3	0.137495	0.326136	1.56315	1.56315	0.252644	0.590678	-1.69297	0.5397	1.31465	1.31465	0.287074	0.614432	-1.62752	0.0597532	0.392181	-2.54984	0.0744118	0.416516	-2.40087	0.147608	0.504308	-1.98292	0.356296	0.658327	-1.519	0.122321	2.09134	2.09134	2.22087	6.82869	2.73314	1
cg01829163	SLC7A5	0.137496	0.611538	0.731835	-1.36643	0.513224	0.667525	-1.49807	0.460919	0.632823	-1.58022	0.969073	0.976644	-1.02391	0.0698944	0.290706	-3.4399	0.342033	0.550599	-1.8162	0.00365477	0.0910675	-10.9809	0.769176	0.835797	-1.19646	0.609371	0.730421	-1.36907	2.22086	13.0688	5.23073	1
cg24442978	CCDC60	0.137499	0.206862	0.481678	-2.07608	0.120432	0.396814	-2.52007	0.465284	0.665134	-1.50346	0.488728	1.471	1.471	0.979053	1.01451	1.01451	0.290243	1.8263	1.8263	0.0121058	0.179705	-5.56468	0.301423	1.7995	1.7995	0.98181	0.987568	-1.01259	2.22084	10.5908	4.23896	1
cg21567022	CCDC67	0.137501	0.414709	0.739203	-1.35281	0.421132	0.742403	-1.34698	0.726786	0.880611	-1.13557	0.493015	1.28702	1.28702	0.568803	0.811611	-1.23212	0.809366	1.09155	1.09155	0.201951	1.6296	1.6296	0.0691488	2.0897	2.0897	0.0161521	0.344159	-2.90563	2.22083	4.62044	1.84934	1
cg23412797	SLC38A10;SLC38A10	0.137502	0.522202	0.826215	-1.21034	0.738364	0.906049	-1.10369	0.654933	0.875995	-1.14156	0.210783	0.678357	-1.47415	0.146972	0.632489	-1.58105	0.00711306	0.359406	-2.78237	0.182104	1.51712	1.51712	0.7757	1.08771	1.08771	0.766507	0.916087	-1.0916	2.22082	3.04675	1.21947	1
ch.10.220353F	SFMBT2	0.137502	0.0295112	0.278415	-3.59176	0.116323	0.426839	-2.3428	0.119177	0.430139	-2.32483	0.0587127	0.344644	-2.90155	0.0803575	0.379966	-2.63181	0.172963	0.485067	-2.06157	0.0887896	0.392006	-2.55098	0.0624858	0.351366	-2.84603	0.71058	0.830316	-1.20436	2.22082	8.75368	3.50369	1
cg26240939	LYRM1;LYRM1;LYRM1	0.137503	0.0712769	0.455083	-2.1974	0.681561	1.17496	1.17496	0.842205	0.925066	-1.081	0.406552	1.39348	1.39348	0.0161601	0.316654	-3.15802	0.26724	0.636565	-1.57093	0.227292	0.609376	-1.64102	0.091994	0.484388	-2.06446	0.186875	0.578834	-1.72761	2.22081	5.37133	2.1499	1
cg14149172	PI4KB	0.137506	0.0629571	0.374495	-2.67026	0.961135	1.02314	1.02314	0.0833106	0.406522	-2.45989	0.368035	0.647834	-1.54361	0.088475	0.413784	-2.41672	0.419159	0.678703	-1.4734	0.011969	0.229442	-4.3584	0.107022	0.43776	-2.28436	0.392785	0.662962	-1.50838	2.22079	7.75357	3.10343	1
cg15236798	POLR2H	0.137507	0.172013	0.753772	-1.32666	0.404622	1.18033	1.18033	0.0989611	1.4215	1.4215	0.28206	0.804651	-1.24277	0.348001	0.828726	-1.20667	0.230187	0.782891	-1.27732	0.0282619	0.604359	-1.65465	0.392898	1.18551	1.18551	0.385678	0.841212	-1.18876	2.22078	1.3296	0.532187	1
cg19495043	PIGW;MYO19;MYO19;MYO19	0.137508	0.636299	1.29603	1.29603	0.658352	0.784889	-1.27407	0.0357368	3.90031	3.90031	0.586961	0.741782	-1.3481	0.309647	0.562883	-1.77657	0.0322847	0.247157	-4.04602	?	?	?	0.282344	0.542784	-1.84236	0.564549	0.72818	-1.37329	2.35895	9.6122	3.56543	1
cg02717339	ANKRD39	0.137519	0.853808	1.13225	1.13225	0.015486	7.38749	7.38749	0.0572113	4.25747	4.25747	0.057884	4.23669	4.23669	0.40204	1.7816	1.7816	0.237772	2.29963	2.29963	0.0783006	3.73241	3.73241	0.808972	1.17714	1.17714	0.137549	2.93551	2.93551	2.22069	15.9472	6.38329	1
cg01011425	ZBTB25;ZBTB1;ZBTB1	0.13752	0.762489	1.08959	1.08959	0.0396019	1.96147	1.96147	0.0849757	1.71462	1.71462	0.195521	0.67873	-1.47334	0.785667	0.925739	-1.08022	0.943904	0.980277	-1.02012	0.18983	0.67496	-1.48157	0.161855	1.52629	1.52629	0.136828	1.57409	1.57409	2.22068	2.81839	1.12814	1
cg13798585	MAD1L1;MAD1L1;MAD1L1	0.137521	0.0969574	0.621789	-1.60826	0.922732	0.975014	-1.02563	0.702112	0.904632	-1.10542	0.0502344	0.558682	-1.78993	0.638835	0.884008	-1.13121	0.929509	1.02334	1.02334	0.0895793	1.62928	1.62928	0.640425	1.13054	1.13054	0.0369234	0.531499	-1.88147	2.22067	2.3924	0.95763	1
cg19343861	PITPNM2	0.137522	0.700909	1.07552	1.07552	0.391425	1.18015	1.18015	0.51585	1.13234	1.13234	0.481035	0.873617	-1.14467	0.994932	1.0012	1.0012	0.811563	0.955945	-1.04608	0.00387476	2.08311	2.08311	0.538115	0.889058	-1.12479	0.630618	0.912656	-1.0957	2.22067	1.25155	0.500969	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00501904	EPHX1	0.137525	0.674976	0.879561	-1.13693	0.0682999	0.537339	-1.86102	0.0277761	0.453187	-2.2066	0.50832	1.22654	1.22654	0.404648	0.771462	-1.29624	0.723096	0.897396	-1.11434	0.287952	1.39894	1.39894	0.0848597	1.78579	1.78579	0.738426	0.903046	-1.10736	2.22064	3.25661	1.30357	1
cg19900346	POMT1;POMT1;POMT1;POMT1;POMT1	0.137526	0.316779	1.34015	1.34015	0.726192	1.10458	1.10458	0.382857	1.2881	1.2881	0.287627	1.36661	1.36661	0.038218	0.506859	-1.97294	0.90906	0.968191	-1.03285	0.022233	0.460557	-2.17128	0.66152	0.88282	-1.13273	0.55384	1.18462	1.18462	2.22064	2.81476	1.12671	1
cg11280964	CRK;CRK	0.137529	0.264654	0.78969	-1.26632	0.198233	0.75869	-1.31806	0.0214565	1.75268	1.75268	0.613097	0.901624	-1.10911	0.168733	0.742428	-1.34693	0.390806	0.836458	-1.19552	0.811779	1.04964	1.04964	0.169206	0.742706	-1.34643	0.159114	0.73666	-1.35748	2.22061	1.45064	0.580674	1
cg00400832	DLX5	0.137531	0.486598	1.84138	1.84138	0.144743	0.25852	-3.86818	0.462301	0.524012	-1.90835	0.822089	1.21472	1.21472	0.33864	2.34396	2.34396	0.154499	0.26814	-3.72939	0.378158	0.457978	-2.18351	0.0159994	12.7679	12.7679	0.459825	1.91545	1.91545	2.2206	26.2328	10.5008	1
cg14604007	KCNT1	0.137531	0.0822985	0.199244	-5.01897	0.823578	0.829319	-1.20581	0.414407	0.49695	-2.01227	0.178043	0.301352	-3.31838	0.156855	0.281084	-3.55765	0.151835	0.276144	-3.6213	0.0156136	0.0833472	-11.998	0.0284197	0.114415	-8.74013	0.229418	0.347489	-2.87779	2.2206	24.7056	9.88946	1
cg20603260	C3orf62	0.137535	0.445516	0.686924	-1.45577	0.664735	1.23437	1.23437	0.342377	1.60381	1.60381	0.546135	1.34306	1.34306	0.33323	0.617564	-1.61927	0.155869	0.48039	-2.08164	0.00914046	0.202134	-4.94721	0.895547	0.938542	-1.06548	0.288488	1.7025	1.7025	2.22057	8.20046	3.28263	1
cg09648722	TNFSF12;TNFSF12;TNFSF12-TNFSF13;TNFSF12-TNFSF13	0.137538	0.413153	0.831178	-1.20311	0.165233	0.720979	-1.387	0.221443	0.752727	-1.3285	0.0744419	0.644511	-1.55156	0.580292	0.883873	-1.13138	0.624801	0.896788	-1.11509	0.0221088	1.83398	1.83398	0.373046	1.22398	1.22398	0.799955	0.945426	-1.05772	2.22055	1.71788	0.68767	1
cg03090982	TBC1D22A	0.137542	0.10497	1.67555	1.67555	0.237473	0.697306	-1.43409	0.518324	0.82632	-1.21019	0.684999	1.12616	1.12616	0.350356	0.755754	-1.32318	0.400061	1.28525	1.28525	0.00998021	2.58007	2.58007	0.889394	1.04137	1.04137	0.89072	0.960743	-1.04086	2.22052	2.98472	1.19481	1
cg24813704	TAP2;TAP2	0.137543	0.298356	0.796052	-1.2562	0.412744	1.19386	1.19386	0.53673	1.14152	1.14152	0.394085	0.83135	-1.20286	0.155914	0.725265	-1.37881	0.0306794	0.584389	-1.71119	0.275569	0.786626	-1.27125	0.306766	1.25092	1.25092	0.10345	1.45765	1.45765	2.22051	1.57449	0.630281	1
cg14023558	HNRNPA3	0.137545	0.660897	0.956045	-1.04598	0.339821	1.10537	1.10537	0.0263111	1.30774	1.30774	0.215737	0.875751	-1.14188	0.213569	1.14267	1.14267	0.735324	1.03515	1.03515	0.333498	0.903411	-1.10692	0.112128	0.83849	-1.19262	0.241535	1.13296	1.13296	2.22049	0.364658	0.145977	1
cg06708432	MBD6	0.137546	0.203747	0.809298	-1.23564	0.392536	1.14817	1.14817	0.195458	1.24107	1.24107	0.823371	1.03589	1.03589	0.417619	1.13958	1.13958	0.983314	1.0033	1.0033	0.0113382	0.606475	-1.64887	0.943474	0.988877	-1.01125	0.176216	0.797071	-1.25459	2.22049	0.874991	0.35027	1
cg25359666	CMTM6	0.137547	0.0139257	0.60243	-1.65995	0.540713	1.10884	1.10884	0.161899	1.28295	1.28295	0.144263	1.29909	1.29909	0.192691	0.794532	-1.2586	0.437153	0.876138	-1.14137	0.788138	0.956061	-1.04596	0.839001	1.03452	1.03452	0.817205	1.03938	1.03938	2.22048	0.978727	0.391798	1
cg26090660	GDEP	0.137548	0.140971	1.30284	1.30284	0.924071	0.9842	-1.01605	0.408115	0.868175	-1.15184	0.179522	1.26895	1.26895	0.190799	0.793391	-1.26041	0.0239426	1.56846	1.56846	0.0805916	1.38232	1.38232	0.460601	1.13372	1.13372	0.370446	1.16609	1.16609	2.22047	0.981625	0.39296	1
cg15154411	GABBR1;GABBR1;GABBR1	0.137548	0.0186941	0.415685	-2.40567	0.350844	0.743973	-1.34413	0.397083	0.765611	-1.30615	0.527594	1.2179	1.2179	0.0590959	0.518703	-1.92789	0.763103	0.911098	-1.09758	0.0691662	0.534584	-1.87062	0.44269	1.27262	1.27262	0.191212	0.652973	-1.53146	2.22047	3.33611	1.3355	1
cg25730138	NDUFA11;VMAC;NDUFA11	0.137549	0.128106	0.812591	-1.23063	0.632348	1.0627	1.0627	0.9923	1.00122	1.00122	0.769083	1.03784	1.03784	0.776458	0.964723	-1.03657	0.0106862	0.667082	-1.49907	0.0332218	0.730491	-1.36894	0.401812	0.897397	-1.11433	0.820878	0.971794	-1.02902	2.22047	0.55975	0.224077	1
cg10685531	PRDM16;PRDM16	0.137553	0.432405	0.764538	-1.30798	0.0270898	2.40323	2.40323	0.374734	1.35703	1.35703	0.125494	1.74305	1.74305	0.0405848	0.452764	-2.20866	0.426006	1.3131	1.3131	0.697649	1.13977	1.13977	0.925146	1.03199	1.03199	0.653902	1.16326	1.16326	2.22044	3.94893	1.58084	1
cg05830870	HDHD2	0.137554	0.980147	0.995903	-1.00411	0.696831	0.937447	-1.06673	0.116743	0.754899	-1.32468	0.841748	0.967557	-1.03353	0.241022	1.22445	1.22445	0.143694	0.771671	-1.29589	0.173898	0.787673	-1.26956	0.0531309	1.43695	1.43695	0.116752	1.32467	1.32467	2.22043	0.957216	0.383196	1
cg25417348	CLPTM1	0.137554	0.583601	0.902733	-1.10775	0.20992	1.27668	1.27668	0.065522	1.46537	1.46537	0.113792	1.37445	1.37445	0.842694	0.963937	-1.03741	0.027032	0.616349	-1.62246	0.516203	1.1294	1.1294	0.782746	0.950186	-1.05243	0.564421	0.897899	-1.11371	2.22043	1.20173	0.481082	1
cg27494647	RARRES2	0.137555	0.0455382	21.8504	21.8504	0.211622	5.87022	5.87022	0.0643214	16.3734	16.3734	0.580093	2.12043	2.12043	0.657356	0.548574	-1.82291	0.457675	2.76551	2.76551	0.647388	1.85782	1.85782	0.0147575	56.592	56.592	0.115465	9.99039	9.99039	2.22042	63.6171	25.4675	1
cg00533749	LZIC	0.137555	0.249692	1.16011	1.16011	0.0294466	0.728632	-1.37244	0.0945453	0.797024	-1.25467	0.380768	0.894949	-1.11738	0.720551	1.04534	1.04534	0.37688	0.894094	-1.11845	0.354288	1.12485	1.12485	0.391982	1.11435	1.11435	0.100271	0.800679	-1.24894	2.22042	0.535966	0.214561	1
cg05751343	ZBTB46	0.137562	0.619807	0.84964	-1.17697	0.388744	0.749922	-1.33347	0.193193	1.56615	1.56615	0.71653	1.12615	1.12615	0.399754	0.755145	-1.32425	0.113304	0.570388	-1.75319	0.0247041	0.418405	-2.39003	0.0349156	0.448932	-2.22751	0.932642	0.972834	-1.02792	2.22037	3.73271	1.49433	1
cg10978799	IL10	0.137565	0.628306	0.868124	-1.15191	0.835184	1.06226	1.06226	0.0170277	0.430239	-2.32429	0.0667785	0.55112	-1.81449	0.0700393	0.555886	-1.79893	0.369044	0.76533	-1.30663	0.653086	1.14015	1.14015	0.343386	0.753545	-1.32706	0.0654834	0.549176	-1.82091	2.22034	2.95531	1.18313	1
cg13577072	KCNQ1;KCNQ1OT1;KCNQ1	0.137566	0.794313	1.11593	1.11593	0.762032	1.13599	1.13599	0.333725	0.65798	-1.5198	0.145973	1.92571	1.92571	0.0100823	0.255867	-3.90828	0.514261	1.32005	1.32005	0.156037	1.89104	1.89104	0.905649	0.951438	-1.05104	0.923514	0.960486	-1.04114	2.22034	6.19801	2.48131	1
cg12149795	DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A	0.137566	0.29938	0.547872	-1.82525	0.210179	2.09336	2.09336	0.0221075	4.64242	4.64242	0.531483	0.701449	-1.42562	0.452337	0.651587	-1.53471	0.992251	0.994582	-1.00545	0.0505134	0.287402	-3.47945	0.537941	1.41751	1.41751	0.721379	0.818457	-1.22181	2.22033	11.0064	4.4063	1
cg25905648	SACM1L	0.137568	0.152611	0.712936	-1.40265	0.266024	1.29172	1.29172	0.323981	0.798536	-1.25229	0.243536	0.763761	-1.30931	0.298534	0.788212	-1.26869	0.411735	0.830798	-1.20366	0.0102454	0.489302	-2.04373	0.905119	1.02669	1.02669	0.371986	1.22439	1.22439	2.22032	1.7153	0.686707	1
cg13446288	MAP4K4;MAP4K4;MAP4K4	0.137568	0.852581	0.980331	-1.02006	0.178322	0.858374	-1.16499	0.196345	0.864252	-1.15707	0.624534	0.948687	-1.05409	0.284852	0.888135	-1.12595	0.168732	0.855045	-1.16953	0.00491405	0.671702	-1.48875	0.258387	0.881674	-1.13421	0.112506	0.831518	-1.20262	2.22032	0.401006	0.16054	1
cg01806442	LASP1	0.137569	0.116669	3.9632	3.9632	0.0131606	11.9815	11.9815	0.0289611	8.00438	8.00438	0.202555	2.96477	2.96477	0.337325	2.2235	2.2235	0.417107	1.95406	1.95406	0.155928	3.40865	3.40865	0.0929402	4.45148	4.45148	0.310791	2.33303	2.33303	2.22031	22.9479	9.18703	1
cg05175762	PTPRN2;PTPRN2;PTPRN2	0.137573	0.890617	0.909348	-1.09969	0.964963	1.0308	1.0308	0.559	0.664921	-1.50394	0.00448773	0.0730571	-13.6879	0.546675	1.52388	1.52388	0.438401	1.72608	1.72608	0.758566	1.23728	1.23728	0.899604	1.09108	1.09108	0.185559	0.379289	-2.63651	2.22029	16.7714	6.71443	1
cg19497798	FBF1	0.137574	0.986489	0.992423	-1.00764	0.785905	0.884882	-1.13009	0.968194	0.982249	-1.01807	0.884792	1.06729	1.06729	0.00265565	0.154554	-6.47025	0.630901	0.804569	-1.2429	0.511682	0.741583	-1.34847	0.377926	0.666062	-1.50136	0.310417	0.624095	-1.60232	2.22028	7.09506	2.84051	1
cg06557067	BTNL2	0.137575	0.041886	0.666051	-1.50139	0.675	1.07582	1.07582	0.800916	0.957157	-1.04476	0.180746	0.781698	-1.27927	0.873759	0.972821	-1.02794	0.632206	0.919829	-1.08716	0.0150314	1.67861	1.67861	0.778222	0.952247	-1.05015	0.958119	0.990941	-1.00914	2.22027	1.05606	0.422797	1
cg27433062	TOMM40L;APOA2	0.137575	0.139616	1.33798	1.33798	0.622058	0.913012	-1.09528	0.0803685	0.700987	-1.42656	0.227982	0.793121	-1.26084	0.331001	1.20167	1.20167	0.0817564	0.702364	-1.42376	0.407465	1.16789	1.16789	0.656641	1.0854	1.0854	0.076639	0.697183	-1.43434	2.22027	1.1797	0.472296	1
cg15484161	IRF2BP2;IRF2BP2	0.137575	0.602134	0.567538	-1.762	0.0297393	16.8334	16.8334	0.029004	17.139	17.139	0.956876	0.943502	-1.05988	0.567074	0.536215	-1.86492	?	?	?	0.815606	1.28569	1.28569	?	?	?	0.627937	0.591064	-1.69186	2.38066	33.2041	13.9475	1
cg07376381	LCK;LCK	0.137577	0.025961	12.0479	12.0479	0.868381	1.16902	1.16902	0.703876	1.43273	1.43273	0.581403	0.591948	-1.68934	0.982012	0.978995	-1.02146	0.214525	0.292173	-3.42263	0.110787	0.194745	-5.13492	0.0569359	0.131521	-7.60335	0.594038	1.65957	1.65957	2.22026	31.1772	12.4819	1
cg04099595	C16orf7	0.137578	0.268867	0.620916	-1.61053	0.682881	1.18529	1.18529	0.328697	1.51771	1.51771	0.53083	0.768943	-1.30049	0.0974427	0.471117	-2.12261	0.0204495	0.314745	-3.17717	0.0940345	0.466766	-2.1424	0.383172	1.44786	1.44786	0.237375	0.599134	-1.66908	2.22025	6.02235	2.41108	1
cg16155655	ACVR1C;ACVR1C;ACVR1C	0.137578	0.127958	0.653079	-1.53121	0.192484	0.699685	-1.42921	0.355392	0.781823	-1.27906	0.0751878	0.598732	-1.6702	0.387051	0.794895	-1.25803	0.135308	0.659168	-1.51706	0.167842	0.683478	-1.4631	0.0447754	1.81555	1.81555	0.77531	0.928587	-1.0769	2.22025	2.35692	0.943606	1
cg22872778	ABCA13	0.137581	0.85294	0.941582	-1.06204	0.645208	0.860372	-1.16229	0.620856	1.17555	1.17555	0.751388	1.1086	1.1086	0.219051	1.52088	1.52088	0.0861018	0.540545	-1.84999	0.0197089	2.49343	2.49343	0.325126	0.719215	-1.3904	0.176692	0.627596	-1.59338	2.22022	3.70001	1.48133	1
cg16203262	EDNRB	0.137581	0.129682	0.488857	-2.04559	0.581158	0.783802	-1.27583	0.0371492	0.347227	-2.87996	0.162676	0.521233	-1.91853	0.0199705	0.292968	-3.41334	0.112908	0.470329	-2.12617	0.151997	0.511248	-1.956	0.405486	0.689306	-1.45073	0.0554919	0.387204	-2.58262	2.22022	6.72026	2.69052	1
cg02158543	SNORD115-4	0.137584	0.781877	0.810647	-1.23358	0.0158104	0.106866	-9.35748	0.276775	0.425042	-2.35271	0.698924	1.34172	1.34172	0.118933	0.278032	-3.59671	0.20859	0.366919	-2.7254	0.295606	2.2712	2.2712	0.103571	0.260173	-3.8436	0.146352	0.307503	-3.252	2.2202	20.1147	8.05319	1
cg04188273	COL25A1;COL25A1	0.137584	0.0353812	0.469927	-2.12799	0.394448	1.30847	1.30847	0.641033	0.865246	-1.15574	0.5702	0.837893	-1.19347	0.71448	0.89292	-1.11992	0.159813	0.629405	-1.5888	0.0198278	0.420199	-2.37983	0.0942592	0.567201	-1.76304	0.169164	0.636666	-1.57068	2.2202	3.34094	1.33759	1
ch.17.1150167f	HDAC5;HDAC5	0.137584	0.087871	0.546757	-1.82896	0.70909	0.886817	-1.12763	0.0181604	0.39877	-2.50771	0.102436	0.563944	-1.77323	0.922423	0.969263	-1.03171	0.536462	0.818213	-1.22218	0.0780504	0.533905	-1.87299	0.918387	0.967683	-1.0334	0.239189	1.48449	1.48449	2.2202	3.61222	1.44621	1
cg19764048	STK32B	0.137584	0.369205	1.32662	1.32662	0.235743	1.46346	1.46346	0.649398	1.15057	1.15057	0.659495	1.14555	1.14555	0.440564	0.785812	-1.27257	0.357832	1.33615	1.33615	0.0107903	0.374756	-2.6684	0.147485	0.621073	-1.61012	0.894885	1.04134	1.04134	2.2202	3.3025	1.32221	1
cg05096838	FAM134C;TUBG1;FAM134C;TUBG1	0.137585	0.250623	0.795879	-1.25647	0.662176	0.919787	-1.08721	0.76252	0.943992	-1.05933	0.99471	1.00126	1.00126	0.0742277	1.45985	1.45985	0.502959	1.13802	1.13802	0.824232	1.04321	1.04321	0.44606	1.15919	1.15919	0.00798835	1.90903	1.90903	2.22019	1.27188	0.509216	1
cg01875764	VARS	0.137585	0.139779	0.418183	-2.3913	0.390943	0.617342	-1.61985	0.26541	0.528965	-1.89048	0.116981	0.392814	-2.54574	0.191638	0.468364	-2.13509	0.524995	1.42398	1.42398	0.00798779	0.154814	-6.45934	0.644304	0.774839	-1.29059	0.128902	0.406402	-2.46062	2.22019	10.5869	4.23864	1
cg18155032	TRIB2;TRIB2;TRIB2	0.137586	0.695032	1.05893	1.05893	0.571444	0.920243	-1.08667	0.243542	0.837494	-1.19404	0.538218	1.0948	1.0948	0.640391	1.07077	1.07077	0.844502	0.971864	-1.02895	0.087611	0.760301	-1.31527	0.0835149	1.32102	1.32102	0.0234549	1.48203	1.48203	2.22019	0.742727	0.297363	1
cg00501467	PHACTR1	0.137587	0.315306	1.35865	1.35865	0.707136	1.11786	1.11786	0.0178864	2.33867	2.33867	0.0995025	1.70397	1.70397	0.804671	1.07589	1.07589	0.606324	0.857747	-1.16584	0.180571	1.52151	1.52151	0.402803	1.28755	1.28755	0.0216776	2.25623	2.25623	2.22018	3.06396	1.22671	1
cg11961237	TCTN1;TCTN1;TCTN1	0.137593	0.403439	1.24432	1.24432	0.592272	0.870915	-1.14822	0.666907	0.895205	-1.11706	0.174107	1.44723	1.44723	0.78947	0.933871	-1.07081	0.106768	0.637495	-1.56864	0.130144	0.658388	-1.51886	0.021893	0.495024	-2.0201	0.312644	1.30607	1.30607	2.22013	2.29831	0.920189	1
cg20469666	TOP1	0.137594	0.0283136	0.303331	-3.29673	0.546199	0.754721	-1.32499	0.162039	0.502615	-1.9896	0.445675	0.698923	-1.43077	0.0475185	0.35189	-2.84179	0.0799031	0.408439	-2.44835	0.195617	0.532247	-1.87883	0.0915489	0.424813	-2.35398	0.0383067	0.330841	-3.0226	2.22013	7.4655	2.98902	1
cg23248729	FGGY;FGGY	0.137594	0.283435	0.59798	-1.6723	0.131301	0.471572	-2.12057	0.0765111	0.402876	-2.48216	0.442289	0.696647	-1.43545	0.0114925	0.232517	-4.30077	0.0768739	0.403425	-2.47877	0.0797905	0.407781	-2.45229	0.512573	0.736071	-1.35857	0.925974	1.04381	1.04381	2.22013	7.48558	2.99706	1
cg12677853	MAD1L1;MAD1L1;MAD1L1	0.137595	0.642445	0.898405	-1.11308	0.736656	1.08041	1.08041	0.297345	1.2809	1.2809	0.565104	0.875242	-1.14254	0.743694	0.927578	-1.07808	0.847335	1.04515	1.04515	0.00663939	2.24169	2.24169	0.946569	0.98476	-1.01548	0.126879	0.685007	-1.45984	2.22012	1.84611	0.739145	1
cg12693621	CCDC3	0.137598	0.925178	0.983738	-1.01653	0.399035	0.860105	-1.16265	0.34337	0.843346	-1.18575	0.0264048	0.631593	-1.5833	0.025126	0.628173	-1.59192	0.458013	1.141	1.141	0.183217	1.27953	1.27953	0.591257	0.909716	-1.09924	0.946865	1.0117	1.0117	2.2201	1.07123	0.428901	1
cg26968868	6-Mar	0.137599	0.900653	1.04706	1.04706	0.191276	0.600831	-1.66436	0.0759437	0.483262	-2.06927	0.652426	0.846256	-1.18168	0.0365029	0.408643	-2.44712	0.884585	1.05494	1.05494	0.0994749	1.94418	1.94418	0.176796	1.69663	1.69663	0.705322	0.869463	-1.15013	2.22009	4.76677	1.90854	1
cg00360414	TMEM26	0.137604	0.135883	4.9182	4.9182	0.123511	5.22582	5.22582	0.567583	1.77301	1.77301	0.872156	0.852461	-1.17307	0.807292	0.784877	-1.27409	0.766717	0.744613	-1.34298	0.733281	0.712459	-1.40359	0.00905362	26.791	26.791	0.0922427	6.27697	6.27697	2.22005	34.5442	13.8312	1
cg24406116	SORT1	0.137606	0.741711	1.17762	1.17762	0.0192122	4.05634	4.05634	0.604515	1.29469	1.29469	0.616963	1.28308	1.28308	0.0302522	0.283853	-3.52295	0.977659	1.01394	1.01394	0.796958	0.880339	-1.13593	?	?	?	0.74643	1.17395	1.17395	2.23931	7.70307	3.43993	1
cg01475538	RRAS2;RRAS2	0.137606	0.123647	0.722416	-1.38424	0.118938	0.718935	-1.39095	0.51614	0.879528	-1.13697	0.875519	1.03104	1.03104	0.0416059	0.632514	-1.58099	0.27297	0.800545	-1.24915	0.184454	0.759965	-1.31585	0.0103129	0.532486	-1.87798	0.493178	0.873109	-1.14533	2.22003	1.33674	0.535225	1
cg16192821	IQSEC1	0.137608	0.389318	0.643276	-1.55454	0.0178231	4.22256	4.22256	0.175546	2.05516	2.05516	0.576658	1.32585	1.32585	0.0695515	0.362356	-2.75971	0.8321	0.899269	-1.11201	0.616924	1.28686	1.28686	0.258662	1.80288	1.80288	0.444758	1.47638	1.47638	2.22002	8.79336	3.52083	1
cg17790852	ODZ3	0.137608	0.969228	0.992473	-1.00758	0.378091	1.19378	1.19378	0.239149	0.785493	-1.27309	0.748168	0.938858	-1.06512	0.257096	0.793218	-1.26069	0.392326	0.842282	-1.18725	0.0407808	0.629675	-1.58812	0.0232865	0.587976	-1.70075	0.214141	1.29197	1.29197	2.22002	1.34879	0.540053	1
cg15824316	HRK	0.137611	0.178216	0.785094	-1.27373	0.073206	1.40204	1.40204	0.0371118	1.50585	1.50585	0.863855	1.02945	1.02945	0.244497	1.22867	1.22867	0.749893	0.947342	-1.05559	0.705009	0.937696	-1.06644	0.733771	1.05944	1.05944	0.0441279	1.47869	1.47869	2.22	1.00586	0.402749	1
cg12188830	SLMAP	0.137612	0.0419939	0.718399	-1.39198	0.61841	0.931583	-1.07344	0.746997	1.04674	1.04674	0.429777	0.892482	-1.12047	0.0126697	0.645768	-1.54854	0.356253	1.1433	1.1433	0.657646	1.06497	1.06497	0.875301	1.02241	1.02241	0.201308	0.826584	-1.2098	2.21999	0.700315	0.280407	1
cg17759535	NR5A2;NR5A2	0.137615	0.45209	1.60243	1.60243	0.129988	2.73658	2.73658	0.715252	1.25296	1.25296	0.388749	1.72233	1.72233	0.342301	1.82617	1.82617	0.628301	1.35022	1.35022	0.298811	0.51539	-1.94028	0.00488874	9.93259	9.93259	0.656412	1.31731	1.31731	2.21997	13.3199	5.33337	1
cg05309934	GDI2;GDI2;GDI2;GDI2	0.137615	0.377595	0.884136	-1.13105	0.258366	1.174	1.174	0.112217	1.2652	1.2652	0.830456	1.0296	1.0296	0.939311	0.989696	-1.01041	0.0421715	0.727316	-1.37492	0.457184	1.10848	1.10848	0.307542	0.866172	-1.15451	0.0573371	1.3397	1.3397	2.21996	0.650494	0.260462	1
cg21639451	PGAM4;ATP7A	0.137617	0.0704327	2.54684	2.54684	0.390784	0.665945	-1.50163	0.468402	0.710999	-1.40647	0.749671	1.15952	1.15952	0.0294247	0.305491	-3.27341	0.163968	1.9871	1.9871	0.238817	1.76893	1.76893	0.655057	0.812293	-1.23108	0.335232	1.58319	1.58319	2.21995	7.51536	3.00922	1
cg23196670	MZF1;MZF1;LOC100131691	0.13762	0.204758	0.770778	-1.29739	0.203056	0.769939	-1.2988	0.0538215	1.53109	1.53109	0.214591	0.77553	-1.28944	0.389189	0.842232	-1.18732	0.17256	0.753922	-1.3264	0.0687626	1.48637	1.48637	0.949075	0.987649	-1.01251	0.95713	1.01051	1.01051	2.21993	1.33105	0.53297	1
cg12425321	C6orf27	0.137621	0.280467	1.19632	1.19632	0.0593314	1.40512	1.40512	0.48521	0.892868	-1.11999	0.197789	1.24296	1.24296	0.320018	1.17843	1.17843	0.219453	1.22915	1.22915	0.857336	1.02917	1.02917	0.00932293	1.69375	1.69375	0.187105	1.25033	1.25033	2.21992	0.89753	0.359384	1
cg12421686	SQRDL	0.137622	0.954603	0.965835	-1.03537	0.516258	0.669047	-1.49466	0.635783	0.747276	-1.33819	0.0245192	5.13416	5.13416	0.0890027	0.318115	-3.14352	0.0465017	0.248504	-4.02408	0.581166	0.711594	-1.4053	0.643738	1.32894	1.32894	0.722433	1.24332	1.24332	2.21991	13.1095	5.24925	1
cg02361557	NTNG1;NTNG1;NTNG1	0.137622	0.524038	1.07761	1.07761	0.116087	0.820613	-1.2186	0.00897018	0.680639	-1.46921	0.676756	1.04973	1.04973	0.927337	0.989496	-1.01062	0.384638	0.901957	-1.1087	0.831986	0.975706	-1.0249	0.0574366	0.77976	-1.28245	0.763206	0.965626	-1.0356	2.21991	0.471163	0.188661	1
cg26190363	ODF3	0.137623	0.0198754	0.312976	-3.19513	0.250623	0.608949	-1.64217	0.219972	0.586889	-1.7039	0.469405	1.35544	1.35544	0.0167861	0.299424	-3.33975	0.252057	0.609943	-1.6395	0.954754	1.02372	1.02372	0.686121	0.845462	-1.18279	0.705177	0.854655	-1.17006	2.21991	6.0027	2.40358	1
cg00681735	KCNT1	0.137631	0.625906	0.859224	-1.16384	0.0144085	0.393995	-2.5381	0.122818	0.596707	-1.67586	0.411809	1.29584	1.29584	0.967832	0.987623	-1.01253	0.132533	0.605759	-1.65082	0.129448	0.602939	-1.65854	0.08044	0.549449	-1.82	0.947589	1.02051	1.02051	2.21985	3.35314	1.34269	1
cg17541002	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.137631	0.314438	0.677201	-1.47667	0.306958	1.48629	1.48629	0.557889	0.800878	-1.24863	0.0260034	0.371573	-2.69126	0.360624	0.703183	-1.4221	0.576248	0.809322	-1.2356	0.470776	1.3164	1.3164	0.539161	1.26233	1.26233	0.0238277	0.364019	-2.74711	2.21984	4.93584	1.97645	1
cg00764065	DRD5	0.137637	0.0541779	0.692415	-1.44422	0.891909	0.97739	-1.02313	0.233869	1.23359	1.23359	0.497439	0.890588	-1.12285	0.17032	0.782208	-1.27843	0.673551	0.931209	-1.07387	0.0345662	1.51367	1.51367	0.387747	0.861648	-1.16057	0.242296	0.813962	-1.22856	2.2198	0.994701	0.398314	1
cg05464817	PGM2	0.137637	0.0443129	1.41565	1.41565	0.777037	1.04364	1.04364	0.318691	1.16774	1.16774	0.875415	1.02389	1.02389	0.10015	1.31134	1.31134	0.333612	1.1619	1.1619	0.0583245	0.724761	-1.37976	0.0800808	1.33935	1.33935	0.93586	0.987963	-1.01218	2.2198	0.795967	0.318734	1
cg12170314	INSC;INSC;INSC	0.137639	0.395216	1.59033	1.59033	0.0423106	3.47683	3.47683	0.0478039	3.3392	3.3392	0.881771	0.923768	-1.08252	0.827888	0.890465	-1.12301	0.634808	1.29039	1.29039	?	?	?	0.0658974	0.333053	-3.00252	0.733409	1.1998	1.1998	2.23905	8.94863	3.99661	1
cg02599172	SLC30A5;SLC30A5	0.137641	0.0257295	0.548753	-1.82231	0.182266	0.725628	-1.37812	0.129057	1.45004	1.45004	0.142881	0.699941	-1.42869	0.410968	1.20982	1.20982	0.421024	1.2047	1.2047	0.390317	0.819202	-1.2207	0.465386	1.18331	1.18331	0.644781	1.1109	1.1109	2.21977	1.80446	0.722582	1
cg19913559	MACF1	0.137641	0.762833	0.909519	-1.09948	0.176141	0.637191	-1.56939	0.0449069	0.486121	-2.0571	0.390786	1.31726	1.31726	0.0422204	2.08195	2.08195	0.854203	1.05934	1.05934	0.111879	1.72035	1.72035	0.806772	1.07982	1.07982	0.706296	0.888134	-1.12596	2.21977	3.4523	1.38245	1
cg19648388	CCDC43;CCDC43;CCDC43;CCDC43	0.137642	0.790597	1.05291	1.05291	0.0901247	1.43597	1.43597	0.330116	1.21494	1.21494	0.0959711	0.701745	-1.42502	0.477113	1.15032	1.15032	0.350802	1.20447	1.20447	0.0338919	0.618902	-1.61576	0.534297	0.885211	-1.12967	0.321292	1.21958	1.21958	2.21977	1.31941	0.528349	1
cg14344989	RXRA	0.137646	0.328885	0.714221	-1.40013	0.448523	0.772624	-1.29429	0.46985	0.782258	-1.27835	0.258362	1.48274	1.48274	0.653674	0.859989	-1.16281	0.959898	0.983346	-1.01694	0.933548	0.972531	-1.02824	0.0113952	2.88005	2.88005	0.0839569	1.89398	1.89398	2.21974	3.92161	1.5704	1
cg12277310	ZRANB2;ZRANB2	0.137646	0.938309	1.00652	1.00652	0.35587	1.08301	1.08301	0.146357	0.877288	-1.13988	0.0539626	1.20165	1.20165	0.416116	1.07228	1.07228	0.683156	1.03506	1.03506	0.0135051	1.2927	1.2927	0.274075	1.10028	1.10028	0.379257	1.07868	1.07868	2.21973	0.247868	0.0992582	1
cg02176502	LOC285627	0.137646	0.0158914	0.230811	-4.33254	0.106178	0.416468	-2.40114	0.0445797	0.318242	-3.14226	0.775534	0.867686	-1.15249	0.0865052	0.390618	-2.56004	0.436549	0.674331	-1.48295	0.140588	0.455237	-2.19666	0.653989	1.25104	1.25104	0.453945	0.684755	-1.46038	2.21973	8.66417	3.46956	1
cg25485128	UBA2	0.137652	0.308145	0.882581	-1.13304	0.033949	1.34064	1.34064	0.0431482	1.31718	1.31718	0.0961691	1.24151	1.24151	0.757473	0.963987	-1.03736	0.151235	1.19974	1.19974	0.574598	1.06946	1.06946	0.349208	1.12088	1.12088	0.127014	1.21583	1.21583	2.21969	0.492902	0.197386	1
cg05900140	TAPBPL;CD27;LOC678655	0.137652	0.38124	0.480789	-2.07992	0.0479447	0.158218	-6.3204	0.32957	0.440224	-2.27157	0.748757	1.29956	1.29956	0.857926	0.864057	-1.15733	0.00539619	0.0504554	-19.8195	0.885723	0.889352	-1.12441	0.857733	0.863883	-1.15756	0.918385	0.919819	-1.08717	2.21969	23.3752	9.36076	1
cg10632328	FLJ35220;LOC100294362;FLJ35220;FLJ35220	0.137655	0.419854	1.16619	1.16619	0.0517788	0.661748	-1.51115	0.101442	0.715685	-1.39726	0.613327	0.909325	-1.09972	0.735506	1.06529	1.06529	0.549714	1.11952	1.11952	0.0140275	0.56791	-1.76084	0.417773	0.856878	-1.16703	0.558957	0.895621	-1.11654	2.21967	1.22322	0.489853	1
cg26860604	WWP2;WWP2;WWP2	0.137657	0.102957	0.143948	-6.94695	0.398915	0.391271	-2.55577	0.30815	0.317869	-3.14595	0.725692	0.681989	-1.4663	0.0435951	0.0803837	-12.4403	0.165417	0.200389	-4.9903	0.0180788	0.0441679	-22.6409	0.908024	1.1338	1.1338	0.0482913	0.086128	-11.6106	2.21966	41.5014	16.6198	1
cg24882332	LASP1	0.137661	0.0818529	0.60155	-1.66237	0.771438	0.926095	-1.0798	0.263579	0.735506	-1.35961	0.83127	0.945309	-1.05786	0.00636738	0.392194	-2.54976	0.115639	0.637109	-1.56959	0.905385	1.03184	1.03184	0.608177	0.872578	-1.14603	0.154143	0.668903	-1.49499	2.21962	2.44247	0.978134	1
cg21474288	ZNF426	0.137663	0.61513	0.896883	-1.11497	0.175429	0.733938	-1.36251	0.58691	0.888897	-1.12499	0.467585	0.853268	-1.17197	0.703415	1.08558	1.08558	0.186041	1.3512	1.3512	0.0162879	1.87884	1.87884	0.512395	0.867067	-1.15331	0.13741	0.709304	-1.40983	2.21961	1.62018	0.648835	1
cg14582356	GPR120	0.137664	0.590155	0.825557	-1.2113	0.0852475	0.511301	-1.95579	0.0388577	0.430344	-2.32372	0.655613	0.853636	-1.17146	0.0141675	0.344011	-2.90688	0.742604	0.890313	-1.1232	0.209425	0.627258	-1.59424	0.40354	0.739817	-1.35169	0.387389	1.36663	1.36663	2.2196	4.3692	1.74974	1
cg07667469	FAM82B	0.137667	0.605424	1.10006	1.10006	0.0882405	1.4109	1.4109	0.684769	1.07755	1.07755	0.00790816	1.86521	1.86521	0.386332	1.17646	1.17646	0.797854	0.954118	-1.04809	0.353849	0.839824	-1.19073	0.816969	0.958462	-1.04334	0.150654	1.32563	1.32563	2.21958	1.1772	0.471442	1
cg13494355	DVL1	0.137667	0.66838	1.11719	1.11719	0.359894	1.27387	1.27387	0.173385	1.45136	1.45136	0.538364	0.851974	-1.17374	0.0479488	0.559097	-1.7886	0.0281006	0.513268	-1.9483	0.134682	0.660518	-1.51396	0.892769	0.965912	-1.03529	0.706323	0.907247	-1.10224	2.21958	2.32453	0.930917	1
cg06159562	ANKRD11	0.137668	0.0969595	0.540673	-1.84955	0.197573	0.63145	-1.58366	0.906458	0.961098	-1.04048	0.528195	1.24074	1.24074	0.221862	0.648311	-1.54247	0.38745	1.34853	1.34853	0.438017	0.765655	-1.30607	0.0221949	2.52296	2.52296	0.406514	1.33192	1.33192	2.21957	4.00517	1.60398	1
cg07895807	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.137669	0.664625	0.948781	-1.05398	0.819167	1.02799	1.02799	0.100299	0.804914	-1.24237	0.159408	1.19871	1.19871	0.0676871	1.27981	1.27981	0.8227	1.02742	1.02742	0.0381463	1.33598	1.33598	0.588874	0.936344	-1.06798	0.293337	0.876873	-1.14042	2.21956	0.510735	0.204539	1
cg12885832	SH2B3;SH2B3	0.13767	0.823399	0.972929	-1.02782	0.131179	1.22152	1.22152	0.0618137	1.29465	1.29465	0.198314	0.846268	-1.18166	0.726909	1.04399	1.04399	0.905057	0.985456	-1.01476	0.0382469	0.74464	-1.34293	0.704619	0.954315	-1.04787	0.191174	1.18521	1.18521	2.21955	0.529918	0.212222	1
cg23535950	LCOR;LCOR;LCOR	0.137671	0.978591	0.990636	-1.00945	0.107345	0.539999	-1.85185	0.0217171	0.38059	-2.6275	0.187069	0.612458	-1.63276	0.0365878	0.426717	-2.34348	0.131657	0.565206	-1.76927	0.344423	0.710748	-1.40697	0.111031	0.544067	-1.83801	0.0868718	0.515334	-1.94049	2.21955	4.32095	1.73046	1
cg02280907	RAET1K	0.137673	0.771124	1.10515	1.10515	0.610364	0.838495	-1.19261	0.0284893	0.412272	-2.42558	0.264415	1.48991	1.48991	0.733345	1.12436	1.12436	0.115443	0.556217	-1.79786	0.158854	0.596794	-1.67562	0.217734	1.55964	1.55964	0.213872	1.56612	1.56612	2.21953	4.13	1.654	1
cg17502536	PADI1	0.137673	0.0926138	0.41936	-2.38458	0.727582	1.17847	1.17847	0.0145643	0.243418	-4.10815	0.761933	1.15335	1.15335	0.857783	1.08788	1.08788	0.400449	1.49803	1.49803	0.0600262	0.369276	-2.708	0.261533	0.577063	-1.73291	0.752505	0.861959	-1.16015	2.21953	7.75098	3.10415	1
cg27308346	SSC5D	0.137674	?	?	?	0.167908	2.37873	2.37873	0.0466559	0.256981	-3.89133	0.273777	1.95229	1.95229	0.886505	0.919992	-1.08697	0.22519	0.472668	-2.11565	0.135511	0.386621	-2.58651	0.153883	0.406248	-2.46155	0.183932	0.435814	-2.29456	2.35752	11.0756	4.11075	1
cg24847230	UBE2Z	0.137678	0.255755	0.829814	-1.20509	0.108956	1.31637	1.31637	0.844489	1.03136	1.03136	0.133209	1.29009	1.29009	0.682072	0.937288	-1.06691	0.946537	0.98951	-1.0106	0.0230912	0.652337	-1.53295	0.165397	0.79243	-1.26194	0.651024	1.07423	1.07423	2.21949	0.869151	0.348088	1
cg13805761	DCLK1	0.137679	0.493173	0.576747	-1.73386	0.00684651	0.0626812	-15.9538	0.0365112	0.146319	-6.83439	0.899072	1.10555	1.10555	0.183658	0.32775	-3.05111	0.35798	0.47353	-2.1118	0.215926	0.357052	-2.80071	0.505847	0.586343	-1.70549	0.737671	0.766568	-1.30452	2.21949	21.983	8.80403	1
cg24767148	PTF1A	0.137681	0.413192	0.867513	-1.15272	0.10361	0.73905	-1.35309	0.930489	0.985287	-1.01493	0.940817	1.01269	1.01269	0.305367	0.83501	-1.19759	0.323085	0.840805	-1.18934	0.0332734	0.655266	-1.5261	0.0412063	1.492	1.492	0.669574	1.07565	1.07565	2.21948	1.01454	0.406317	1
cg09936933	STARD10	0.137681	0.311773	1.67163	1.67163	0.37317	1.56657	1.56657	0.0342765	0.297412	-3.36234	0.550934	1.34481	1.34481	0.890419	0.934555	-1.07003	0.304046	1.68651	1.68651	0.191196	1.97288	1.97288	0.0478684	3.03651	3.03651	0.143374	2.16431	2.16431	2.21947	8.47453	3.39402	1
cg03041841	C9orf75;C9orf75	0.137687	0.659683	1.12555	1.12555	0.0710327	1.71302	1.71302	0.0661352	1.73349	1.73349	0.532538	1.18379	1.18379	0.505301	0.834927	-1.19771	0.201748	1.43301	1.43301	0.0225482	2.07318	2.07318	0.272515	0.737255	-1.35638	0.990231	1.00327	1.00327	2.21943	2.50389	1.00282	1
cg08821669	COX6A1	0.13769	0.524567	1.10996	1.10996	0.00689223	0.567847	-1.76104	0.330685	0.850114	-1.17631	0.518764	1.11163	1.11163	0.601519	0.918289	-1.08898	0.852978	0.970433	-1.03047	0.281361	1.19858	1.19858	0.279221	1.19962	1.19962	0.636898	0.925959	-1.07996	2.2194	0.920012	0.368473	1
cg05343106	DNAJB13	0.137691	0.131016	0.812066	-1.23143	0.294243	0.870322	-1.149	0.0296629	0.721213	-1.38655	0.958604	1.00665	1.00665	0.637146	0.941143	-1.06254	0.291237	0.869511	-1.15007	0.0599651	1.3112	1.3112	0.837115	0.97406	-1.02663	0.273777	1.1565	1.1565	2.2194	0.572955	0.229473	1
cg01796208	ITGB3BP;EFCAB7	0.137694	0.994442	1.00115	1.00115	0.0957498	1.35237	1.35237	0.812645	1.03995	1.03995	0.74003	1.05647	1.05647	0.127581	0.762001	-1.31233	0.0582948	1.42334	1.42334	0.0797791	1.37816	1.37816	0.12128	0.757942	-1.31936	0.937146	0.987073	-1.0131	2.21938	0.956672	0.383159	1
cg03050965	S1PR1	0.137694	0.140904	1.57762	1.57762	0.286961	1.37479	1.37479	0.623403	1.15313	1.15313	0.362637	1.30912	1.30912	0.0633749	1.82399	1.82399	0.396205	1.28418	1.28418	0.00488215	2.92722	2.92722	0.247707	1.4161	1.4161	0.612098	1.1586	1.1586	2.21937	2.91303	1.16671	1
cg27048527	NADSYN1	0.137695	0.0150396	0.589064	-1.69761	0.221591	0.796513	-1.25547	0.287149	0.822246	-1.21618	0.884187	1.02615	1.02615	0.243413	0.805618	-1.24128	0.562921	0.901609	-1.10913	0.0728112	1.42533	1.42533	0.553294	1.11204	1.11204	0.920429	0.982462	-1.01785	2.21937	1.10225	0.441469	1
cg15284719	NHP2L1;NHP2L1;NHP2L1	0.137697	0.877389	0.94323	-1.06019	0.435664	1.35131	1.35131	0.726981	0.875734	-1.1419	0.61952	0.827384	-1.20863	0.632669	0.833355	-1.19997	0.00453184	0.238904	-4.18579	0.336954	1.45465	1.45465	0.43681	1.35025	1.35025	0.821651	1.08923	1.08923	2.21935	5.03717	2.01747	1
cg12018140	PRDM6	0.137697	0.965379	0.96593	-1.03527	0.189031	0.329146	-3.03816	0.531783	0.60301	-1.65835	0.667532	1.41214	1.41214	0.331626	0.449356	-2.22541	0.210635	0.348739	-2.86747	0.249299	0.382271	-2.61594	0.0107943	12.9033	12.9033	0.788575	1.23943	1.23943	2.21935	22.4184	8.97897	1
cg24213189	COL11A2;COL11A2;COL11A2	0.1377	0.245662	0.736078	-1.35855	0.032972	0.532945	-1.87636	0.0259647	0.513244	-1.94839	0.882321	0.963311	-1.03809	0.112799	0.646886	-1.54587	0.751323	1.08353	1.08353	0.223458	1.38096	1.38096	0.384113	0.798355	-1.25258	0.661883	0.894896	-1.11745	2.21933	2.23838	0.896518	1
cg06987053	CA5A	0.137705	0.209259	0.604828	-1.65336	0.180943	1.71542	1.71542	0.0597987	0.446235	-2.24097	0.181459	0.583366	-1.71419	0.111919	0.518059	-1.93028	0.569974	1.24374	1.24374	0.103274	0.508132	-1.96799	0.264235	1.55599	1.55599	0.375772	0.707978	-1.41247	2.21929	5.07331	2.032	1
cg10809441	DHX8	0.137705	0.096112	0.771608	-1.29599	0.541122	0.915963	-1.09175	0.55798	1.0877	1.0877	0.673697	0.941678	-1.06193	0.48875	0.905028	-1.10494	0.817472	0.96773	-1.03335	0.0185253	0.666838	-1.49961	0.72919	1.05055	1.05055	0.0594337	1.35242	1.35242	2.21929	0.707617	0.283421	1
cg06346505	AFAP1L2;AFAP1L2	0.137706	0.586809	0.757404	-1.3203	0.143871	2.21467	2.21467	0.646557	1.26337	1.26337	0.052118	3.06083	3.06083	0.121695	0.427612	-2.33857	0.392353	0.641651	-1.55848	0.14483	0.452518	-2.20986	0.100487	0.402095	-2.48697	0.727086	0.837431	-1.19413	2.21928	9.01182	3.60951	1
cg05021854	SLC9A2	0.137711	0.0229274	0.494687	-2.02148	0.910634	0.971378	-1.02947	0.932782	0.978417	-1.02206	0.119361	0.645883	-1.54827	0.234291	0.724354	-1.38054	0.314795	0.764256	-1.30846	0.0324974	0.523426	-1.91049	0.0448854	0.551334	-1.81378	0.191039	0.699021	-1.43057	2.21925	2.35127	0.941769	1
cg20339230	ST8SIA2	0.137713	0.696726	1.05091	1.05091	0.0301816	1.38151	1.38151	0.218709	1.17823	1.17823	0.20788	0.845051	-1.18336	0.31922	1.13941	1.13941	0.843734	1.02534	1.02534	0.113447	0.803821	-1.24406	0.127764	0.811584	-1.23216	0.772801	1.03738	1.03738	2.21923	0.564964	0.226291	1
cg09574618	C1QTNF2	0.137715	0.312265	1.20273	1.20273	0.945684	0.98804	-1.0121	0.0276611	1.58371	1.58371	0.206069	1.2656	1.2656	0.330251	1.19413	1.19413	0.464072	0.876693	-1.14065	0.314562	0.832219	-1.20161	0.57666	0.9052	-1.10473	0.0318794	1.55911	1.55911	2.21921	1.0961	0.439033	1
cg04542976	PCYOX1L	0.137717	0.216944	0.707546	-1.41334	0.0955434	0.614092	-1.62842	0.899991	1.03405	1.03405	0.639611	0.88198	-1.13381	0.317455	0.75943	-1.31678	0.0853433	0.602602	-1.65947	0.00828469	0.407	-2.457	0.52674	1.18625	1.18625	0.471476	0.822788	-1.21538	2.2192	2.49241	0.998322	1
ch.3.1042115R	QRICH1;QRICH1	0.137722	0.0347378	0.424063	-2.35814	0.454823	0.766951	-1.30386	0.0495589	0.457987	-2.18347	0.565938	0.816894	-1.22415	0.0221694	0.384497	-2.6008	0.456968	0.767954	-1.30216	0.0451496	0.448845	-2.22794	0.552379	0.810981	-1.23307	0.8363	0.930426	-1.07478	2.21917	4.26947	1.71014	1
cg23050361	GABRB2;GABRB2	0.137722	0.105158	2.31428	2.31428	0.022599	3.64713	3.64713	0.735386	0.851496	-1.1744	0.371393	1.5449	1.5449	0.967181	1.01969	1.01969	0.40689	0.668923	-1.49494	0.0613529	0.368251	-2.71554	0.693049	1.20685	1.20685	0.618245	0.788128	-1.26883	2.21916	7.8938	3.16187	1
cg24752563	CD81	0.137722	0.835757	0.882456	-1.1332	0.890224	0.920185	-1.08674	0.391416	1.6971	1.6971	0.555727	1.43184	1.43184	0.0305011	0.21623	-4.62471	0.36033	0.567537	-1.762	0.654715	1.31146	1.31146	0.0203313	5.39097	5.39097	0.50349	1.50523	1.50523	2.21916	12.7516	5.10766	1
cg02260363	CRABP1	0.137723	0.698086	0.886231	-1.12837	0.0169062	2.46663	2.46663	0.191629	1.53468	1.53468	0.426424	1.28611	1.28611	0.193254	0.652739	-1.53201	0.256416	1.44346	1.44346	0.0982039	1.75415	1.75415	0.69924	1.12782	1.12782	0.118256	1.69131	1.69131	2.21915	3.37414	1.35152	1
cg24139216	NDUFV1;NDUFV1	0.137727	0.700512	1.19507	1.19507	0.0697635	0.392544	-2.54749	0.249018	1.74294	1.74294	0.0862038	0.417227	-2.39678	0.701632	0.837361	-1.19423	0.147448	0.48835	-2.04771	?	?	?	0.577096	0.771238	-1.29662	0.0344094	0.320563	-3.11952	2.23838	6.69996	2.99322	1
cg07552723	PRDM2;PRDM2;PRDM2;PRDM2	0.137727	0.205671	0.718504	-1.39178	0.721967	1.0925	1.0925	0.369042	0.795777	-1.25663	0.748696	0.923498	-1.08284	0.343076	0.785171	-1.27361	0.444638	0.824523	-1.21282	0.0102375	2.22882	2.22882	0.176946	0.700915	-1.42671	0.739135	1.08627	1.08627	2.21913	2.15482	0.86313	1
cg08288818	PRTG	0.137727	0.192277	0.710107	-1.40824	0.651648	0.893389	-1.11933	0.0140803	0.471532	-2.12075	0.0408707	0.556851	-1.79581	0.777751	1.07271	1.07271	0.791868	1.0678	1.0678	0.361214	1.26215	1.26215	0.311368	0.771208	-1.29667	0.252116	0.743232	-1.34547	2.21913	2.16245	0.866187	1
cg26472511	ADCY9	0.137727	0.644955	0.894217	-1.1183	0.281573	0.763633	-1.30953	0.214757	1.36985	1.36985	0.0866967	0.633844	-1.57768	0.200229	1.38549	1.38549	0.0455355	1.73773	1.73773	0.7904	1.0663	1.0663	0.440128	0.827194	-1.20891	0.150767	0.68999	-1.4493	2.21912	2.04082	0.817469	1
cg26808979	C11orf58;C11orf58	0.137728	0.692873	0.910826	-1.0979	0.140925	0.688929	-1.45153	0.947547	1.0156	1.0156	0.93801	0.981865	-1.01847	0.160355	0.702652	-1.42318	?	?	?	0.113252	0.666615	-1.50012	0.348852	1.25474	1.25474	0.030301	1.82065	1.82065	2.23837	1.74461	0.779411	1
cg02012483	TRIM15	0.137732	0.0640085	2.09018	2.09018	0.0258407	2.55283	2.55283	0.967544	0.985693	-1.01451	0.733948	1.12843	1.12843	0.689726	1.15273	1.15273	0.343827	1.41252	1.41252	0.862837	1.06316	1.06316	0.185296	0.60804	-1.64463	0.112883	0.542713	-1.84259	2.21909	4.40869	1.76596	1
cg27208865	C10orf26	0.137732	0.260772	1.36457	1.36457	0.328083	1.30674	1.30674	0.1716	1.47066	1.47066	0.638588	1.13357	1.13357	0.00607339	2.58443	2.58443	0.823061	1.06115	1.06115	0.397762	1.25793	1.25793	0.0711764	1.70599	1.70599	0.590792	0.866015	-1.15471	2.21909	2.46848	0.988784	1
cg17360924	STX2;STX2	0.137733	0.186027	0.833045	-1.20042	0.816636	0.970193	-1.03072	0.201184	1.19228	1.19228	0.306867	0.871258	-1.14777	0.215489	0.843795	-1.18512	0.052681	1.33238	1.33238	0.630662	0.938837	-1.06515	0.620004	1.06729	1.06729	0.0486137	1.34106	1.34106	2.21908	0.596535	0.238952	1
cg06775001	ASCC3;ASCC3	0.137736	0.0496927	0.525804	-1.90185	0.128865	0.624251	-1.60192	0.732778	0.906286	-1.1034	0.134156	1.59008	1.59008	0.916458	1.03058	1.03058	0.24492	0.705231	-1.41798	0.559703	0.844214	-1.18453	0.995767	0.998478	-1.00152	0.0232517	0.458965	-2.17881	2.21905	2.89723	1.16055	1
cg07205154	RFWD2;RFWD2	0.137737	0.236067	0.635375	-1.57387	0.0799356	2.03346	2.03346	0.465965	1.31129	1.31129	0.522764	0.789307	-1.26693	0.0210503	0.362887	-2.75568	0.565172	0.808649	-1.23663	0.484484	0.771429	-1.29629	0.416455	1.3544	1.3544	0.162436	0.579976	-1.72421	2.21905	4.68934	1.87841	1
cg25486615	RP5-1022P6.2	0.137741	0.880172	1.01471	1.01471	0.563206	1.05819	1.05819	0.0916263	1.19693	1.19693	0.567343	1.05755	1.05755	0.236576	1.12752	1.12752	0.969486	1.00371	1.00371	0.0287838	1.28346	1.28346	0.0159661	1.33048	1.33048	0.458602	0.929565	-1.07577	2.21902	0.32918	0.131862	1
cg01664094	SIN3A	0.137742	0.825155	0.961847	-1.03967	0.0556912	0.683057	-1.46401	0.111263	0.737126	-1.35662	0.89055	1.0245	1.0245	0.0682558	1.4318	1.4318	0.278349	0.820226	-1.21918	0.0943249	0.723725	-1.38174	0.218929	0.796669	-1.25523	0.553505	1.11113	1.11113	2.21902	1.08628	0.435141	1
cg15123428	KLF11	0.137743	0.131112	0.317511	-3.14949	0.287674	2.17481	2.17481	0.275734	2.22112	2.22112	0.692003	1.32343	1.32343	0.0772191	0.2509	-3.98565	0.288426	0.460409	-2.17198	0.0341294	0.175509	-5.69772	0.783336	0.823662	-1.21409	0.135346	0.322107	-3.10456	2.219	17.4082	6.97337	1
cg13633964	GPR120	0.137744	0.186707	0.46761	-2.13854	0.225297	0.500775	-1.99691	0.678339	0.797327	-1.25419	0.967528	1.02235	1.02235	0.0375548	0.269726	-3.70747	0.220727	0.497003	-2.01206	0.0186296	0.212464	-4.70668	0.037263	0.269016	-3.71725	0.77497	0.855851	-1.16843	2.219	10.3648	4.15195	1
cg19141258	ECE2;ECE2;ECE2;ECE2	0.137745	0.0919033	0.366515	-2.7284	0.995592	1.00299	1.00299	0.950077	1.03445	1.03445	0.632811	0.770761	-1.29742	0.0816563	0.352105	-2.84006	0.266467	0.534563	-1.87069	0.61524	1.31539	1.31539	0.0105382	0.175395	-5.70142	0.122445	0.404366	-2.47301	2.21899	10.2834	4.11936	1
cg03974859	KIAA1009	0.137746	0.999315	0.999538	-1.00046	0.0146955	0.198409	-5.04009	0.873508	0.917775	-1.08959	0.24959	1.91176	1.91176	0.0994015	2.64502	2.64502	0.227749	1.97756	1.97756	0.350392	1.67806	1.67806	0.330568	1.71718	1.71718	0.565099	1.36779	1.36779	2.21898	10.1926	4.08301	1
cg12486993	BTNL2	0.137746	0.488982	0.713614	-1.40132	0.830144	1.10862	1.10862	0.676748	0.817703	-1.22294	0.0890945	0.40655	-2.45972	0.856515	0.916787	-1.09077	0.805152	0.888126	-1.12597	0.0044472	0.16176	-6.18201	0.734508	1.1775	1.1775	0.2419	0.555458	-1.80032	2.21898	8.09777	3.24384	1
cg16026299	SAMD13	0.137752	0.684621	0.946385	-1.05665	0.0502743	1.35142	1.35142	0.834958	1.02855	1.02855	0.0785819	0.768247	-1.30167	0.401955	1.12273	1.12273	0.308401	1.15289	1.15289	0.761366	0.95973	-1.04196	0.169735	0.820886	-1.2182	0.0707504	1.31323	1.31323	2.21894	0.639984	0.256372	1
cg07572223	TTC18	0.137754	0.0373219	0.311346	-3.21186	0.202713	0.522407	-1.91422	0.274548	0.577577	-1.73137	0.593247	0.770811	-1.29733	0.184664	0.506963	-1.97253	0.481497	0.707905	-1.41262	0.00635695	0.179961	-5.55677	0.821838	0.896824	-1.11505	0.377326	0.645726	-1.54864	2.21892	8.1924	3.28183	1
cg21187554	ANKRD18A;ANKRD18A;C9orf122	0.137755	0.922756	1.06903	1.06903	0.998899	0.999051	-1.00095	0.327183	2.00602	2.00602	0.0655668	4.14686	4.14686	0.440805	0.582152	-1.71776	0.573222	1.47957	1.47957	0.838179	0.868716	-1.15112	0.00590672	11.9263	11.9263	0.68479	1.3243	1.3243	2.21891	16.6467	6.66861	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02750262	ZADH2	0.137757	0.329176	0.550494	-1.81655	0.95074	1.0373	1.0373	0.0698483	3.32559	3.32559	0.414093	0.609639	-1.64032	0.249573	0.490029	-2.0407	0.539356	1.44535	1.44535	0.0175641	0.180351	-5.54475	0.189164	0.438445	-2.28079	0.476262	0.650933	-1.53626	2.2189	12.3476	4.94646	1
cg00872676	SND1;MIR593	0.137758	0.0522604	0.283612	-3.52595	0.0799536	0.32988	-3.0314	0.199421	0.461206	-2.16823	0.704754	0.804689	-1.24272	0.0235797	0.213681	-4.67988	0.143352	0.407518	-2.45388	0.0424347	0.263429	-3.79609	0.937538	0.956248	-1.04575	0.212626	0.472686	-2.11557	2.21889	11.4507	4.58713	1
cg20767977	TEX14;TEX14	0.137761	0.936013	0.966629	-1.03452	0.0946861	0.460056	-2.17365	0.634153	0.816562	-1.22465	0.74289	0.870105	-1.14929	0.0385492	0.363107	-2.75401	0.0765403	0.434837	-2.29971	0.100618	0.467565	-2.13874	0.394699	0.691778	-1.44555	0.0170102	0.292271	-3.42148	2.21887	6.27915	2.51545	1
cg26727155	CLCN7;CLCN7	0.137764	0.275527	2.03078	2.03078	0.341744	1.84369	1.84369	0.102834	0.328068	-3.04815	0.315105	1.91306	1.91306	0.556832	0.689973	-1.44933	0.0387	0.224213	-4.46005	0.0496008	0.246869	-4.05074	0.9525	1.0379	1.0379	0.898514	1.08294	1.08294	2.21885	13.7051	5.49038	1
cg00323457	RAI2	0.137764	0.150239	0.484092	-2.06573	0.964255	0.979139	-1.02131	0.0612905	2.69638	2.69638	0.464468	1.4194	1.4194	0.0970357	0.424527	-2.35556	0.369372	0.648122	-1.54292	0.0395493	0.326307	-3.0646	0.315507	0.613719	-1.62941	0.798935	0.886854	-1.12758	2.21884	7.77656	3.11536	1
cg04082551	NLRC3	0.137771	0.0333304	0.227589	-4.39389	0.916147	1.06469	1.06469	0.443459	0.628124	-1.59204	0.571931	0.711825	-1.40484	0.0185194	0.182727	-5.47265	0.226218	0.469414	-2.13031	0.088981	0.327458	-3.05382	0.126934	0.374381	-2.67108	0.0896731	0.328408	-3.04499	2.21879	12.4469	4.98646	1
cg08826152	ADORA2B	0.137772	0.109617	0.345418	-2.89504	0.135271	0.374869	-2.6676	0.686556	1.28047	1.28047	0.272402	0.498472	-2.00613	0.0809479	0.307487	-3.25217	0.363397	0.565941	-1.76697	0.0310259	0.213749	-4.67839	0.726132	1.23901	1.23901	0.0340157	0.221351	-4.51771	2.21879	13.0513	5.22861	1
cg09902641	PLXNA4;PLXNA4;PLXNA4	0.137773	0.891554	0.946606	-1.05641	0.327426	0.66587	-1.50179	0.0201126	0.323726	-3.08903	0.0645455	0.433767	-2.30538	0.238536	0.608605	-1.6431	0.148678	0.536284	-1.86468	0.0364988	0.376163	-2.65842	0.0682694	0.439904	-2.27322	0.327035	0.665637	-1.50232	2.21878	5.68617	2.278	1
cg24164238	TMCO3	0.137776	0.965589	1.02658	1.02658	0.05468	3.76343	3.76343	0.147624	2.5721	2.5721	0.891854	0.92061	-1.08624	0.0155336	0.164519	-6.07834	0.782468	0.845096	-1.1833	0.588354	1.39415	1.39415	0.497091	0.657542	-1.52082	0.841119	0.885103	-1.12981	2.21876	12.9939	5.20565	1
cg04334406	ANG;RNASE4	0.137777	0.187484	1.44155	1.44155	0.227706	0.717837	-1.39307	0.924143	1.02525	1.02525	0.415043	1.24373	1.24373	0.0210041	0.483415	-2.06861	0.165179	0.678698	-1.47341	0.430328	0.80998	-1.2346	0.220539	1.40102	1.40102	0.438669	1.22974	1.22974	2.21875	2.40855	0.964927	1
cg05332525	VKORC1L1	0.137777	0.357264	1.24867	1.24867	0.899786	0.97088	-1.02999	0.157346	1.42575	1.42575	0.341797	0.794728	-1.25829	0.821845	0.948474	-1.05433	0.0314255	0.553223	-1.80759	0.321237	0.786327	-1.27174	0.0545128	1.66808	1.66808	0.483109	1.18197	1.18197	2.21875	1.9334	0.774569	1
cg26811705	BCL9L;BCL9L	0.137779	0.290113	0.634345	-1.57643	0.0967773	0.469658	-2.12921	0.544106	1.28986	1.28986	0.903556	1.05154	1.05154	0.38719	0.692496	-1.44405	0.10425	0.478889	-2.08816	0.00834902	0.247255	-4.04441	0.551843	0.779154	-1.28344	0.658944	1.20219	1.20219	2.21873	6.03923	2.41949	1
cg22349396	CHRNE;C17orf107	0.13778	0.247197	2.06396	2.06396	0.0459069	3.93657	3.93657	0.11379	2.8022	2.8022	0.986305	1.01033	1.01033	0.228703	2.13094	2.13094	0.172643	2.38508	2.38508	0.0183093	5.55542	5.55542	0.0422728	4.05919	4.05919	0.359887	1.75726	1.75726	2.21873	12.6034	5.0493	1
cg15282087	ATP11A;ATP11A	0.137784	0.0146353	1.5762	1.5762	0.0822563	1.3383	1.3383	0.0642651	1.36987	1.36987	0.346003	1.15824	1.15824	0.171025	1.24687	1.24687	0.360206	1.15303	1.15303	0.509124	1.10669	1.10669	0.432757	0.885872	-1.12883	0.688549	0.940832	-1.06289	2.2187	0.805147	0.32257	1
cg03327468	FOSL2	0.137785	0.257455	0.818459	-1.22181	0.130161	1.32129	1.32129	0.368139	1.16919	1.16919	0.0115938	0.5764	-1.73491	0.37685	1.1657	1.1657	0.901144	1.02115	1.02115	0.594338	1.09489	1.09489	0.752657	1.05471	1.05471	0.487839	1.12635	1.12635	2.33848	1.02828	0.342006	1
cg11736942	C14orf180	0.137794	0.0369279	0.583221	-1.71461	0.0833088	1.53198	1.53198	0.0402584	1.69426	1.69426	0.97134	1.00803	1.00803	0.784442	0.940817	-1.06291	0.698133	0.916937	-1.09059	0.509007	0.861521	-1.16074	0.317106	1.25873	1.25873	0.651421	1.10649	1.10649	2.21862	1.73954	0.696944	1
cg15989420	SLC25A3;SLC25A3;SLC25A3	0.137796	0.188884	0.775228	-1.28994	0.425394	0.861672	-1.16053	0.639753	0.917392	-1.09005	0.094495	0.714493	-1.39959	0.18374	0.772635	-1.29427	0.153287	0.756019	-1.32272	0.394211	1.17306	1.17306	0.0358945	1.56278	1.56278	0.565187	1.11221	1.11221	2.21861	1.17549	0.470962	1
cg16936581	XKR7	0.137798	0.0616169	0.701796	-1.42491	0.899876	0.97905	-1.0214	0.215076	0.80292	-1.24545	0.135805	1.31046	1.31046	0.159212	0.776426	-1.28795	0.853204	1.03165	1.03165	0.0189718	0.620134	-1.61255	0.898835	0.978833	-1.02162	0.57861	0.909945	-1.09897	2.2186	0.994113	0.398295	1
cg18061197	RGS22	0.137798	0.360702	0.489295	-2.04376	0.0238294	0.128531	-7.78025	0.946214	1.05266	1.05266	0.559834	0.638569	-1.566	0.320095	0.457703	-2.18482	0.184301	0.342572	-2.91909	0.00867983	0.0785095	-12.7373	0.280812	0.426245	-2.34607	0.726562	0.765619	-1.30613	2.21859	20.3327	8.1464	1
cg04293328	LMNA;LMNA;LMNA	0.137804	0.0428326	0.576518	-1.73455	0.205804	1.3707	1.3707	0.427697	1.21084	1.21084	0.152144	0.695987	-1.43681	0.0449994	0.580708	-1.72204	0.650692	0.897902	-1.11371	0.249106	1.32924	1.32924	0.66161	0.901176	-1.10966	0.431378	0.827182	-1.20892	2.21855	1.96125	0.785799	1
cg08064672	ACTN1;ACTN1;ACTN1	0.137806	0.653246	0.907826	-1.10153	0.287228	1.26655	1.26655	0.586335	1.12468	1.12468	0.292779	1.26287	1.26287	0.0971799	0.677553	-1.4759	0.104977	1.4606	1.4606	0.0366817	1.6805	1.6805	0.993138	1.00184	1.00184	0.165566	0.728882	-1.37196	2.21853	1.60669	0.643744	1
cg16038219	SMYD3;SMYD3	0.137808	0.245874	0.737927	-1.35515	0.59877	1.1422	1.1422	0.238584	0.734112	-1.36219	0.787328	0.934529	-1.07006	0.00679632	0.415506	-2.40671	0.499506	0.842276	-1.18726	0.427006	1.22518	1.22518	0.3511	0.78638	-1.27165	0.113754	0.649931	-1.53863	2.21852	2.20323	0.882763	1
cg09078293	XYLT1	0.137809	0.130293	0.41852	-2.38937	0.0307731	0.258652	-3.8662	0.0113208	0.184428	-5.42218	0.122597	0.409918	-2.43951	0.228722	0.509997	-1.96079	0.377925	0.617403	-1.61969	0.162341	0.451506	-2.21481	0.790225	0.867518	-1.15271	0.613272	0.762112	-1.31214	2.21851	9.9833	4.00001	1
cg17279912	CARKD	0.137811	0.197776	0.795526	-1.25753	0.436007	0.87479	-1.14313	0.0364254	0.66408	-1.50584	0.900313	1.02132	1.02132	0.81136	0.960551	-1.04107	0.0267248	0.642829	-1.55562	0.119307	0.752357	-1.32916	0.0298134	0.650271	-1.53782	0.462919	0.881814	-1.13403	2.21849	0.99557	0.398898	1
cg20764780	PTPRN2;PTPRN2;PTPRN2	0.13782	0.458694	1.29526	1.29526	0.0496413	2.15523	2.15523	0.0790062	1.95176	1.95176	0.225317	1.5475	1.5475	0.999762	1.0001	1.0001	0.085575	1.91858	1.91858	0.0855753	1.91858	1.91858	0.0779677	1.9573	1.9573	0.269202	0.673985	-1.48371	2.21843	4.13076	1.65513	1
cg26407641	SOCS6	0.137822	0.239705	0.862667	-1.1592	0.78325	1.03364	1.03364	0.407939	1.1069	1.1069	0.368623	0.895115	-1.11717	0.695927	1.04826	1.04826	0.90067	0.985128	-1.0151	0.461923	0.914055	-1.09403	0.488812	0.919084	-1.08804	0.00638926	1.53083	1.53083	2.21841	0.505873	0.202697	1
cg08319778	PSAPL1;SORCS2	0.137823	0.878175	1.10809	1.10809	0.0828878	0.27668	-3.61429	0.040668	0.205698	-4.86149	0.862911	1.12259	1.12259	0.154711	0.3609	-2.77085	0.0616399	0.244508	-4.08984	0.0345471	0.192199	-5.20295	0.995247	0.996022	-1.00399	0.17622	0.382082	-2.61724	2.21841	15.7301	6.30285	1
cg07135964	RBM12B	0.137823	0.679287	0.621283	-1.60957	0.714529	0.656711	-1.52274	0.534781	0.486522	-2.0554	0.334147	3.14196	3.14196	0.632295	1.73688	1.73688	?	?	?	0.563515	0.512154	-1.95254	0.00550853	0.012731	-78.5486	0.673575	0.615648	-1.62431	2.35624	42.4907	15.7791	1
cg04563643	DCXR	0.137826	0.082509	0.705082	-1.41827	0.202806	1.27672	1.27672	0.147091	1.32673	1.32673	0.406574	0.857041	-1.1668	0.147895	1.32587	1.32587	0.945179	0.987583	-1.01257	0.615442	1.0964	1.0964	0.212647	1.26935	1.26935	0.0388346	1.54439	1.54439	2.21838	1.15996	0.464786	1
cg12965464	S1PR2	0.137828	0.156263	0.773109	-1.29348	0.270248	0.823017	-1.21504	0.796429	0.957085	-1.04484	0.582597	1.09876	1.09876	0.111007	0.744832	-1.34258	0.68051	1.07278	1.07278	0.0739157	1.4021	1.4021	0.258873	0.818836	-1.22125	0.0364621	0.661985	-1.51061	2.21837	1.01147	0.40529	1
cg14340840	OR10G3	0.137828	0.614742	0.780789	-1.28076	0.100524	0.41595	-2.40414	0.550757	0.745035	-1.34222	0.0947863	0.408503	-2.44796	0.228938	0.540306	-1.8508	0.0166063	0.240187	-4.16342	0.633902	0.791413	-1.26356	0.0202312	0.255307	-3.91686	0.25704	0.561706	-1.78029	2.21837	8.35279	3.34692	1
cg20311390	SEC16A	0.137833	0.0478868	0.415964	-2.40405	0.101986	0.499507	-2.00198	0.0857912	0.478869	-2.08825	0.206327	0.596354	-1.67686	0.027284	0.363137	-2.75378	0.0320638	0.377617	-2.64819	0.285475	0.650373	-1.53758	0.20599	0.596099	-1.67757	0.342134	0.684155	-1.46166	2.21833	5.28367	2.11718	1
cg04329264	ANKRD11	0.137834	?	?	?	?	?	?	0.312074	0.177735	-5.62636	0.0715232	38.1114	38.1114	?	?	?	?	?	?	0.361231	0.214533	-4.66128	?	?	?	?	?	?	3.32907	38.6914	15.4964	1
cg22515554	MAD1L1;MAD1L1;MAD1L1	0.137838	0.241298	0.79898	-1.2516	0.624779	0.91376	-1.09438	0.0136893	1.74686	1.74686	0.159188	0.759359	-1.3169	0.446628	0.867684	-1.15249	0.548052	1.11763	1.11763	0.144243	1.33242	1.33242	0.814961	0.958014	-1.04383	0.655403	1.08565	1.08565	2.21829	1.17609	0.471269	1
cg13503364	NUSAP1;NUSAP1;NUSAP1	0.137839	0.155257	1.2283	1.2283	0.889601	1.01896	1.01896	0.144106	1.23635	1.23635	0.234082	1.18371	1.18371	0.144187	0.808872	-1.23629	0.340078	0.875522	-1.14218	0.543037	1.0868	1.0868	0.0174431	1.47888	1.47888	0.542216	1.08699	1.08699	2.21829	0.642241	0.257352	1
cg09739081	C7orf46;C7orf46;C7orf46	0.13784	0.587605	0.903536	-1.10676	0.169852	1.3111	1.3111	0.357083	1.1918	1.1918	0.897633	1.02413	1.02413	0.313586	0.824412	-1.21299	0.906413	0.978448	-1.02203	0.970984	0.993284	-1.00676	0.00817656	0.534199	-1.87196	0.309865	1.21492	1.21492	2.21828	1.20576	0.483163	1
cg00946316	PTPRN2;PTPRN2;PTPRN2	0.137844	0.0811239	0.267022	-3.74501	0.051241	0.219641	-4.55289	0.268866	0.455523	-2.19528	0.528093	0.64631	-1.54724	0.0443804	0.206655	-4.83898	0.243097	0.434285	-2.30263	0.031514	0.178685	-5.59643	0.188124	0.38585	-2.59168	0.0524831	0.221883	-4.50689	2.21825	16.3803	6.56386	1
cg24186750	HMP19;HMP19	0.137844	0.0302186	0.481352	-2.07748	0.303986	1.35725	1.35725	0.035222	0.494724	-2.02133	0.906692	1.03422	1.03422	0.803098	0.930826	-1.07431	0.922334	0.972408	-1.02838	0.0912958	0.586495	-1.70504	0.81904	1.06796	1.06796	0.347525	1.31986	1.31986	2.21825	2.89227	1.15898	1
cg04383383	MIER2	0.137844	0.0368478	0.410791	-2.43433	0.0443232	0.428463	-2.33393	0.172328	0.586843	-1.70403	0.278479	0.661346	-1.51207	0.0176676	0.346836	-2.88321	0.2216	0.624127	-1.60224	0.831071	1.08154	1.08154	0.296958	0.672492	-1.48701	0.336357	0.695083	-1.43868	2.21825	4.72991	1.89535	1
cg20713333	RG9MTD2;MTTP;RG9MTD2;RG9MTD2	0.137845	0.667977	0.934995	-1.06952	0.0789041	1.35516	1.35516	0.069537	1.37191	1.37191	0.242153	0.826395	-1.21008	0.445312	1.12884	1.12884	0.760072	0.953409	-1.04887	0.827521	0.966582	-1.03457	0.0194277	1.55294	1.55294	0.413452	1.1391	1.1391	2.21824	0.85242	0.34158	1
cg23220071	PSEN2;PSEN2	0.137845	0.234596	0.527757	-1.89481	0.0144209	0.21292	-4.69659	0.0176422	0.22744	-4.39677	0.84959	0.907203	-1.10229	0.253975	0.542765	-1.84242	0.323277	0.592534	-1.68767	0.141115	0.444008	-2.25221	0.848548	0.906582	-1.10304	0.991179	0.994345	-1.00569	2.21824	9.24479	3.70456	1
cg01241450	PRDM16;PRDM16	0.137848	0.286728	0.83993	-1.19058	0.471768	1.12235	1.12235	0.186594	0.801903	-1.24703	0.0244659	0.655304	-1.52601	0.933385	1.01327	1.01327	0.950978	1.00974	1.00974	0.194758	1.24144	1.24144	0.553229	1.0992	1.0992	0.0523184	0.706104	-1.41622	2.21822	0.873502	0.350032	1
cg23483563	KCNH7;KCNH7	0.137851	0.495573	0.671477	-1.48925	0.0117559	0.163436	-6.11859	0.835767	1.12691	1.12691	0.739528	0.825266	-1.21173	0.11715	0.375445	-2.66351	0.370466	0.588991	-1.69782	0.0467338	0.269661	-3.70836	0.206227	0.464215	-2.15417	0.453993	1.55117	1.55117	2.21819	11.6385	4.66387	1
cg12921799	SFRS15;SFRS15;SFRS15	0.137854	0.058232	0.352446	-2.83731	0.654397	0.802887	-1.24551	0.323819	0.608668	-1.64293	0.849115	0.911379	-1.09724	0.038638	0.311302	-3.21232	0.429591	0.675124	-1.48121	0.031374	0.292243	-3.42181	0.244265	1.81036	1.81036	0.178651	0.498485	-2.00608	2.21818	8.3397	3.34196	1
cg18387198	PTPRN2;PTPRN2;PTPRN2	0.137854	0.708464	1.08977	1.08977	0.141797	1.43553	1.43553	0.847135	1.04516	1.04516	0.144472	1.43157	1.43157	0.7185	1.08638	1.08638	0.609787	1.12503	1.12503	0.0329412	1.76988	1.76988	0.991137	0.997461	-1.00255	0.0322458	0.563294	-1.77527	2.21817	1.84024	0.737439	1
cg24910112	GPR124	0.137854	0.0536919	4.81516	4.81516	0.0435634	5.28511	5.28511	0.0795396	4.03981	4.03981	0.57879	1.4953	1.4953	0.203202	2.62126	2.62126	0.113118	3.44549	3.44549	0.0821703	3.98123	3.98123	0.0343362	5.8771	5.8771	0.80552	1.1936	1.1936	2.21817	18.0821	7.24606	1
cg25615944	RPL23	0.137856	0.20294	0.549833	-1.81873	0.0733772	0.411282	-2.43142	0.927548	1.0413	1.0413	0.0182666	0.279466	-3.57825	0.0894355	0.434587	-2.30103	0.564979	0.77191	-1.29549	0.0423376	0.353236	-2.83097	0.12661	0.479325	-2.08627	0.29984	0.619931	-1.61308	2.21816	6.95743	2.78807	1
cg21827221	LYZL4	0.13786	0.0193183	0.437309	-2.28671	0.291001	0.725905	-1.37759	0.0211863	0.444827	-2.24807	0.1952	0.669965	-1.49262	0.0466667	0.513799	-1.94629	0.721636	0.900701	-1.11025	0.778822	0.920984	-1.0858	0.453518	0.799937	-1.2501	0.246843	0.70187	-1.42476	2.21813	3.00234	1.20315	1
cg21505940	SMAD7	0.13786	0.982385	0.994848	-1.00518	0.0837686	0.639058	-1.5648	0.208428	0.733234	-1.36382	0.61268	1.12688	1.12688	0.608726	0.886209	-1.1284	0.968523	0.99081	-1.00928	0.0155306	0.49935	-2.0026	0.333561	1.26285	1.26285	0.0705628	0.62323	-1.60455	2.21812	1.92323	0.770712	1
cg07134371	TNS3	0.137861	0.24819	0.824948	-1.2122	0.190341	0.801654	-1.24742	0.620174	1.0829	1.0829	0.0281321	0.661438	-1.51186	0.0371436	0.67996	-1.47067	0.347899	0.857219	-1.16656	0.518392	1.11001	1.11001	0.794496	0.959242	-1.04249	0.236069	1.21887	1.21887	2.21812	0.892689	0.357736	1
cg23289794	EIF3B;EIF3B	0.137862	0.696688	1.28051	1.28051	0.579224	1.42413	1.42413	0.00639094	9.39198	9.39198	0.626853	0.733998	-1.3624	0.160248	0.387915	-2.57788	0.346304	1.84446	1.84446	0.587566	0.707751	-1.41293	0.582663	0.704478	-1.41949	0.630107	1.35837	1.35837	2.21812	13.9969	5.60913	1
cg16291069	CHRNA2	0.137863	0.434223	0.685286	-1.45925	0.0127387	0.230858	-4.33167	0.440466	0.688939	-1.45151	0.333601	0.623531	-1.60377	0.757039	1.15833	1.15833	0.234152	0.553931	-1.80528	0.0298708	0.29809	-3.35469	0.0742304	0.389777	-2.56557	0.268207	0.579132	-1.72672	2.2181	7.88058	3.15809	1
cg02574175	DENND3	0.137866	0.227917	0.482464	-2.07269	0.0622602	0.298596	-3.34901	0.03306	0.238065	-4.20053	0.176579	0.437233	-2.28711	0.0278135	0.223727	-4.46974	0.362937	0.58364	-1.71338	0.0729631	0.316079	-3.16377	0.175395	0.436118	-2.29296	0.101171	0.35569	-2.81144	2.21809	11.6502	4.66878	1
cg12260934	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.137866	0.357088	0.823993	-1.2136	0.246159	0.780435	-1.28134	0.0844862	0.677018	-1.47707	0.424614	0.846481	-1.18136	0.95285	1.01216	1.01216	0.596957	0.896664	-1.11525	0.0164708	1.82028	1.82028	0.263005	0.787792	-1.26937	0.294248	0.80063	-1.24902	2.21808	1.46764	0.588151	1
cg07409674	UBA52;UBA52	0.137867	0.836079	0.969898	-1.03104	0.152509	1.25367	1.25367	0.0263449	1.47488	1.47488	0.499745	0.903875	-1.10635	0.857138	1.02694	1.02694	0.859087	0.974125	-1.02656	0.0937625	0.761951	-1.31242	0.488399	0.90137	-1.10942	0.0897307	1.31778	1.31778	2.21808	0.764516	0.306378	1
cg04862324	SBF1	0.137867	0.845701	0.962951	-1.03847	0.580579	1.11421	1.11421	0.540145	1.12769	1.12769	0.69565	0.926649	-1.07916	0.544789	1.12611	1.12611	0.756921	1.06201	1.06201	0.0043531	2.09217	2.09217	0.204772	0.771612	-1.29599	0.872218	0.969291	-1.03168	2.21807	1.319	0.528588	1
cg22367466	COPS7A;COPS7A;COPS7A;COPS7A	0.13787	0.849228	1.17683	1.17683	0.201798	0.315639	-3.16818	0.877422	0.876295	-1.14117	0.578483	1.61636	1.61636	0.00503361	0.0418303	-23.9061	0.179508	0.295299	-3.3864	0.205757	0.319179	-3.13304	0.883087	0.881707	-1.13416	0.342839	0.433398	-2.30735	2.21806	25.7133	10.3047	1
cg12589340	RFX2;RFX2	0.137873	0.084809	0.340338	-2.93825	0.863574	1.10214	1.10214	0.339239	0.572906	-1.74549	0.0712323	0.319986	-3.12513	0.0194311	0.202325	-4.94254	0.434342	0.636926	-1.57004	0.0410496	0.263633	-3.79316	0.338453	0.572356	-1.74717	0.106697	0.369334	-2.70758	2.21803	11.2338	4.50203	1
cg12879909	HIST1H2BM;HIST1H2AJ	0.137875	0.43259	0.423086	-2.36358	0.207521	4.16828	4.16828	0.0422192	12.3467	12.3467	0.550207	0.522437	-1.91411	0.770605	1.36893	1.36893	0.926678	0.90587	-1.10391	0.942011	0.924837	-1.08127	0.501589	2.08038	2.08038	0.0108037	31.1526	31.1526	2.21801	40.5237	16.2403	1
cg09088577	OTUD4;OTUD4;OTUD4	0.137876	0.218564	0.829123	-1.20609	0.257416	1.18666	1.18666	0.32502	1.15854	1.15854	0.868849	0.976355	-1.02422	0.717807	1.05396	1.05396	0.621793	1.07466	1.07466	0.283495	1.1751	1.1751	0.313471	0.859884	-1.16295	0.0110277	0.630215	-1.58676	2.21801	0.736551	0.29518	1
cg05941652	LAMA3;LAMA3	0.137878	0.561021	1.18075	1.18075	0.177389	0.666834	-1.49962	0.0193173	0.449442	-2.22498	0.750075	1.09454	1.09454	0.0757988	1.74823	1.74823	0.515124	1.2051	1.2051	0.590878	0.857792	-1.16578	0.602702	0.86205	-1.16003	0.179606	0.668382	-1.49615	2.21799	2.8067	1.12482	1
cg10212517	IPO4	0.137881	0.228451	0.687139	-1.45531	0.0470212	1.9636	1.9636	0.106687	1.68685	1.68685	0.82693	1.06716	1.06716	0.533003	1.20615	1.20615	0.45097	1.25607	1.25607	0.0426199	0.500125	-1.9995	0.731368	0.902762	-1.10771	0.389139	1.2995	1.2995	2.21797	3.09529	1.24049	1
cg26841647	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.137883	0.605594	1.38656	1.38656	0.0457345	4.20845	4.20845	0.339141	1.85553	1.85553	0.936948	1.05089	1.05089	0.489112	0.643459	-1.5541	0.237693	2.17295	2.17295	0.024552	0.186298	-5.36776	0.354541	0.550127	-1.81776	0.538345	1.47831	1.47831	2.21795	13.8288	5.54215	1
cg05326918	VPS4A	0.137884	0.196103	1.88361	1.88361	0.0610256	2.68564	2.68564	0.465622	0.710418	-1.40762	0.293078	1.65484	1.65484	0.159026	0.497387	-2.01051	0.277089	0.593185	-1.68581	0.245281	0.570083	-1.75413	0.10235	2.29917	2.29917	0.286252	1.66782	1.66782	2.33765	7.64344	2.54311	1
cg07883836	MYRIP	0.137885	0.811419	1.03632	1.03632	0.0923109	0.758417	-1.31854	0.209419	1.21829	1.21829	0.0492206	1.398	1.398	0.485014	1.11171	1.11171	0.357626	1.15165	1.15165	0.583845	1.08607	1.08607	0.0249398	1.48923	1.48923	0.272382	1.18591	1.18591	2.21794	0.782479	0.313596	1
cg20923716	MAPRE2;MAPRE2;MAPRE2	0.137886	0.0612852	0.467528	-2.13891	0.56043	1.23648	1.23648	0.642531	0.844897	-1.18358	0.824423	0.923007	-1.08342	0.600358	0.826465	-1.20997	0.901605	1.04561	1.04561	0.00946206	0.305546	-3.27282	0.455665	0.760363	-1.31516	0.212838	1.60492	1.60492	2.21793	4.56674	1.83023	1
cg14879948	SLC6A3	0.137889	0.254805	0.630583	-1.58583	0.052313	0.424895	-2.35352	0.0287398	0.367725	-2.71942	0.756331	0.886287	-1.1283	0.23633	0.618022	-1.61806	0.264623	0.637049	-1.56974	0.0255522	0.35738	-2.79814	0.083691	0.475975	-2.10095	0.994197	1.00282	1.00282	2.21791	5.28322	2.11739	1
cg19045070	TTC36	0.13789	0.670192	0.929269	-1.07611	0.117203	0.747223	-1.33829	0.903665	1.02095	1.02095	0.530935	1.11481	1.11481	0.728943	0.942171	-1.06138	0.814983	1.04095	1.04095	0.603913	1.09376	1.09376	0.0558926	1.44899	1.44899	0.0173328	0.608815	-1.64254	2.2179	1.02993	0.412775	1
cg06796779	GATA2;GATA2;GATA2	0.137891	0.0564776	11.2035	11.2035	0.0575878	11.0529	11.0529	0.877351	1.18863	1.18863	0.971446	1.04086	1.04086	0.0571254	11.1151	11.1151	0.392964	2.66227	2.66227	0.357523	0.34688	-2.88284	0.584711	1.85433	1.85433	0.0342831	15.8519	15.8519	2.21789	43.9786	17.6258	1
cg10858327	ZNF718	0.137892	0.174981	0.69465	-1.43957	0.0510539	1.75284	1.75284	0.659477	1.11851	1.11851	0.95395	0.98552	-1.01469	0.228198	1.37637	1.37637	0.372219	1.26035	1.26035	0.0187146	2.05375	2.05375	0.692999	0.904641	-1.10541	0.523803	0.849442	-1.17724	2.21788	2.24076	0.898059	1
cg23488055	LETM1	0.137893	0.302301	1.88034	1.88034	0.00765143	7.58279	7.58279	0.0346663	4.28548	4.28548	0.319582	1.83637	1.83637	0.445156	1.58396	1.58396	0.427178	1.61457	1.61457	0.664198	1.29448	1.29448	0.0843684	3.09006	3.09006	0.30561	1.87168	1.87168	2.21788	12.2656	4.91584	1
cg03691735	FZD7	0.137893	?	?	?	0.252862	2.92684	2.92684	0.312232	2.55642	2.55642	0.622774	0.641837	-1.55803	0.0133685	0.0588573	-16.9902	?	?	?	0.673813	0.684898	-1.46007	0.382776	2.23126	2.23126	0.941869	0.936933	-1.06731	2.37785	22.878	9.62131	1
cg26454601	MDC1	0.137894	0.504581	1.14539	1.14539	0.00594095	2.05695	2.05695	0.743943	1.06791	1.06791	0.87829	0.969746	-1.0312	0.683057	0.920999	-1.08578	0.794604	1.05369	1.05369	0.4252	0.849376	-1.17733	0.910907	1.02269	1.02269	0.131711	0.721663	-1.38569	2.21787	1.4117	0.565787	1
cg01202155	EMX2;EMX2;EMX2OS;EMX2;EMX2	0.137896	0.82364	0.856546	-1.16748	0.783202	0.825854	-1.21087	0.0272127	6.13005	6.13005	0.983467	1.01448	1.01448	0.97532	0.978768	-1.02169	0.728234	0.785062	-1.27378	0.936498	0.946223	-1.05683	0.0116784	8.90043	8.90043	0.179707	2.68729	2.68729	2.21786	16.9042	6.77499	1
cg13333737	ENPP1	0.137898	0.102762	0.813779	-1.22883	0.0748611	0.795313	-1.25737	0.134385	0.829994	-1.20483	0.715978	1.04308	1.04308	0.396642	1.10539	1.10539	0.0303159	0.745333	-1.34168	0.0717373	0.792875	-1.26123	0.932379	0.990251	-1.00984	0.982643	1.00251	1.00251	2.21784	0.468053	0.187591	1
cg13433881	ASTL	0.137899	0.0624212	3.44706	3.44706	0.240986	2.0633	2.0633	0.966788	0.975731	-1.02487	0.721461	1.2352	1.2352	0.193012	2.25442	2.25442	0.177813	2.32793	2.32793	0.440622	1.5905	1.5905	0.0130365	6.15701	6.15701	0.0381296	4.12971	4.12971	2.21784	12.2305	4.90189	1
cg01135259	HCCA2	0.1379	0.025717	0.356647	-2.80389	0.150305	1.82229	1.82229	0.615018	1.21818	1.21818	0.852124	1.07533	1.07533	0.900733	1.04976	1.04976	0.611797	1.22041	1.22041	0.154058	1.81096	1.81096	0.125375	1.90704	1.90704	0.178015	0.572919	-1.74545	2.21783	5.32027	2.13232	1
cg25230284	ASPA	0.1379	0.096696	0.643251	-1.5546	0.227573	0.736033	-1.35863	0.0161526	0.490625	-2.03822	0.96669	0.989947	-1.01016	0.0211342	0.511278	-1.95588	0.513254	0.851781	-1.17401	0.724104	1.08954	1.08954	0.971478	0.991387	-1.00869	0.604207	0.881148	-1.13488	2.21783	2.0564	0.824192	1
cg03665457	HSD17B7P2	0.137901	0.548597	0.53608	-1.86539	0.0120015	0.0400063	-24.9961	0.269718	3.25616	3.25616	0.480531	0.478751	-2.08877	0.685481	0.65822	-1.51925	0.140938	0.196604	-5.08637	0.0442505	0.0931383	-10.7367	0.260629	0.299651	-3.33722	0.592235	0.57388	-1.74252	2.21782	37.0591	14.853	1
cg15179921	TNXB	0.137901	0.0944757	0.717896	-1.39296	0.477519	1.13907	1.13907	0.423096	1.15896	1.15896	0.267584	1.2315	1.2315	0.28132	1.22372	1.22372	0.0555521	0.676242	-1.47876	0.0649544	1.45307	1.45307	0.654964	1.08448	1.08448	0.431917	0.86535	-1.1556	2.21782	1.14193	0.457679	1
cg20676580	SRRM5;ZNF428	0.13791	0.934663	0.967153	-1.03396	0.0108323	3.68222	3.68222	0.0337548	2.74532	2.74532	0.510821	1.31217	1.31217	0.923502	1.0399	1.0399	0.715694	0.86157	-1.16067	0.901705	1.05162	1.05162	0.123622	1.97255	1.97255	0.705331	0.856634	-1.16736	2.21775	5.82799	2.33589	1
cg18397308	C19orf50	0.137915	0.20207	0.762194	-1.312	0.973934	1.00661	1.00661	0.0799088	0.675863	-1.47959	0.740204	0.935114	-1.06939	0.14728	1.36823	1.36823	0.478061	0.864664	-1.15652	0.167704	1.34509	1.34509	0.0484023	0.634658	-1.57565	0.146326	0.73025	-1.36939	2.21771	1.42761	0.572207	1
cg09091373	TP53I11;TP53I11	0.137919	0.595459	1.20505	1.20505	0.0749896	1.99412	1.99412	0.00864071	3.20705	3.20705	0.164967	1.67463	1.67463	0.59202	1.2072	1.2072	0.450307	1.30701	1.30701	0.0349215	2.35279	2.35279	0.392335	1.35666	1.35666	0.575756	1.21749	1.21749	2.21769	4.25542	1.70565	1
cg15000232	PNPLA3	0.137922	0.0235673	0.499064	-2.00375	0.254772	1.35749	1.35749	0.400522	1.24757	1.24757	0.55476	1.16598	1.16598	0.379782	0.793271	-1.2606	0.17161	0.687917	-1.45366	0.514977	0.84391	-1.18496	0.156146	1.47693	1.47693	0.258079	1.35437	1.35437	2.21767	2.32056	0.930133	1
cg14753691	LOC150185	0.137926	0.764008	1.11817	1.11817	0.488737	0.770346	-1.29812	0.217409	0.617913	-1.61835	0.804002	1.09663	1.09663	0.0312674	0.391628	-2.55344	0.686122	0.860091	-1.16267	0.989655	1.00482	1.00482	0.0793894	2.05936	2.05936	0.0671816	2.14051	2.14051	2.21763	4.83364	1.93745	1
cg21245207	VAV2;VAV2	0.137926	0.570503	0.884087	-1.13111	0.0143258	1.9134	1.9134	0.578258	1.12826	1.12826	0.983419	0.995544	-1.00448	0.0887522	0.668021	-1.49696	0.623994	1.11201	1.11201	0.172645	0.732065	-1.366	0.411096	0.834758	-1.19795	0.428146	0.840438	-1.18986	2.21763	1.62181	0.650065	1
cg15868426	ZNF26	0.137928	0.550882	0.86097	-1.16148	0.52439	1.17355	1.17355	0.0106087	2.21934	2.21934	0.888697	1.03535	1.03535	0.425917	1.22347	1.22347	0.194139	1.40604	1.40604	0.111206	0.650228	-1.53792	0.475302	0.835196	-1.19732	0.753863	0.924938	-1.08115	2.21762	2.16138	0.866347	1
cg15955341	GSTM4;GSTM4;GSTM4;GSTM4;GSTM4	0.137931	0.899032	1.02622	1.02622	0.319307	1.23474	1.23474	0.792037	1.05536	1.05536	0.0259217	0.574691	-1.74007	0.0836855	0.672699	-1.48655	0.331562	1.22776	1.22776	0.0538528	0.634311	-1.57651	0.353543	0.822477	-1.21584	0.675604	0.917717	-1.08966	2.33725	1.50584	0.501104	1
cg03010756	CUL1	0.137932	0.357523	0.652845	-1.53176	0.0405013	2.90426	2.90426	0.621674	1.25127	1.25127	0.576992	0.775741	-1.28909	0.145949	0.494877	-2.0207	0.116692	0.463881	-2.15573	0.399489	0.677944	-1.47505	0.173304	1.92117	1.92117	0.177494	0.524221	-1.90759	2.21758	7.13246	2.85895	1
cg02876145	WARS;WARS;WDR25;WDR25;WDR25;WARS;WARS	0.137936	0.273478	1.1494	1.1494	0.0590472	1.29752	1.29752	0.67431	1.053	1.053	0.125181	0.816459	-1.2248	0.791853	0.968202	-1.03284	0.626632	1.06173	1.06173	0.0231337	0.717643	-1.39345	0.630174	1.06106	1.06106	0.66527	1.05462	1.05462	2.21756	0.524258	0.210144	1
cg21186775	ZAK;ZAK	0.137938	0.533806	0.619437	-1.61437	0.090974	4.11692	4.11692	0.0530661	5.31548	5.31548	0.590175	0.661502	-1.51171	0.475466	1.73592	1.73592	0.35781	0.487378	-2.0518	0.07105	4.63048	4.63048	0.159329	0.318839	-3.13638	0.303905	2.24628	2.24628	2.21754	20.2873	8.13206	1
cg08529295	EFCAB2;EFCAB2;EFCAB2;EFCAB2;EFCAB2	0.137943	0.716114	1.27603	1.27603	0.0138493	7.61322	7.61322	0.977727	0.98154	-1.01881	0.385172	1.81163	1.81163	0.0828062	0.277461	-3.60411	0.449824	1.67191	1.67191	0.588606	1.43973	1.43973	0.169295	0.376325	-2.65728	0.521072	1.5436	1.5436	2.2175	15.6447	6.27118	1
cg20170687	F7;F7	0.137945	0.247316	0.309648	-3.22948	0.435321	2.16277	2.16277	0.280494	2.96598	2.96598	0.875514	1.16409	1.16409	0.0689643	0.139122	-7.18793	0.328037	0.375892	-2.66034	0.0545786	0.120825	-8.27647	0.0650084	0.13425	-7.44882	0.112588	0.187491	-5.33359	2.21749	32.9877	13.2232	1
cg07191030	CARD11	0.137946	0.336553	0.669777	-1.49303	0.452959	1.36243	1.36243	0.819301	1.09698	1.09698	0.817671	0.910818	-1.09791	0.0236427	0.335225	-2.98307	0.965303	0.982558	-1.01775	0.0209416	0.325026	-3.07668	0.143184	0.529176	-1.88973	0.190607	0.570852	-1.75177	2.21748	5.74659	2.30355	1
cg00773653	DPF3	0.137949	0.0396109	0.473273	-2.11294	0.706495	0.887877	-1.12628	0.0162702	0.397054	-2.51855	0.42635	1.29089	1.29089	0.5464	0.825401	-1.21153	0.129851	0.597877	-1.67258	0.353589	1.34991	1.34991	0.963187	1.01461	1.01461	0.833177	0.935846	-1.06855	2.21746	3.47054	1.3912	1
cg09788778	ZBTB12	0.137951	0.0930431	0.425561	-2.34984	0.182401	0.519799	-1.92382	0.803237	1.12236	1.12236	0.810001	0.89461	-1.11781	0.116239	0.454182	-2.20176	0.183849	0.521059	-1.91917	0.0390453	0.331397	-3.01752	0.422135	1.46101	1.46101	0.0346187	0.320124	-3.12379	2.21745	7.50793	3.00964	1
cg19941758	CCDC90B	0.137952	0.141362	0.720222	-1.38846	0.423063	0.843838	-1.18506	0.228746	1.29967	1.29967	0.828974	1.04591	1.04591	0.937572	0.983877	-1.01639	0.348344	1.22183	1.22183	0.0922181	0.680732	-1.46901	0.125327	1.41093	1.41093	0.0470345	1.60266	1.60266	2.21744	1.51219	0.606181	1
cg04783204	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.137954	0.750144	1.04698	1.04698	0.968753	0.994387	-1.00564	0.676438	0.941474	-1.06216	0.919623	1.01461	1.01461	0.1372	0.794503	-1.25865	0.107477	1.28716	1.28716	0.0101974	0.62783	-1.59279	0.413003	1.12779	1.12779	0.721864	0.949936	-1.0527	2.21742	0.72514	0.290684	1
cg22541831	LOC643763;NKAIN3	0.137956	0.388781	1.14024	1.14024	0.567219	0.917656	-1.08973	0.710168	1.05704	1.05704	0.424902	0.88596	-1.12872	0.631104	1.07454	1.07454	0.570714	1.08887	1.08887	0.00359449	1.79649	1.79649	0.776442	0.95858	-1.04321	0.790835	1.04029	1.04029	2.21741	0.775388	0.310829	1
cg27071460	PTGER4	0.137956	0.172812	5.52199	5.52199	0.458909	2.43087	2.43087	0.0690167	10.9844	10.9844	0.857572	0.8093	-1.23564	0.917431	1.12991	1.12991	0.320406	3.35096	3.35096	0.0239277	23.8909	23.8909	0.0428378	15.5733	15.5733	0.0531084	13.3082	13.3082	2.21741	48.7184	19.5297	1
cg14984255	MPPE1	0.137956	0.267541	0.785768	-1.27264	0.636842	1.10436	1.10436	0.766208	1.06422	1.06422	0.239826	0.773437	-1.29293	0.960429	0.989697	-1.01041	0.805348	0.949767	-1.05289	0.00360613	0.439331	-2.27619	0.414775	0.840291	-1.19006	0.872234	0.966963	-1.03417	2.21741	1.53016	0.613396	1
cg24856699	BDP1	0.137957	0.0851744	3.83771	3.83771	0.239369	2.3884	2.3884	0.152272	0.33838	-2.95526	0.377092	1.89732	1.89732	0.35463	1.9599	1.9599	0.298306	0.466822	-2.14214	0.0730042	0.243412	-4.10826	0.196174	2.62682	2.62682	0.422372	0.560402	-1.78443	2.2174	17.5351	7.0293	1
cg04232698	GLTPD1;GLTPD1;CPSF3L	0.137957	0.0743424	1.27259	1.27259	0.019158	0.70918	-1.41008	0.519963	1.08228	1.08228	0.396893	1.1109	1.1109	0.513931	1.08356	1.08356	0.899904	1.01537	1.01537	0.560927	0.931202	-1.07388	0.209402	1.17397	1.17397	0.19693	1.17985	1.17985	2.2174	0.516166	0.206916	1
cg01272816	PTPRN2;PTPRN2;PTPRN2	0.137961	0.791175	0.965264	-1.03599	0.0198496	1.45446	1.45446	0.533165	0.919353	-1.08772	0.278811	0.860698	-1.16185	0.361175	0.882453	-1.13321	0.126395	1.24643	1.24643	0.923988	1.01279	1.01279	0.166932	0.821766	-1.21689	0.236878	1.17951	1.17951	2.21737	0.623263	0.24985	1
cg14250984	EEF1G;TUT1	0.137963	0.745797	0.832943	-1.20056	0.0975608	2.77752	2.77752	0.340396	1.73693	1.73693	0.676857	1.26556	1.26556	0.0871733	0.345993	-2.89023	0.861706	0.906666	-1.10294	0.0881041	0.347291	-2.87943	0.0657329	0.313352	-3.1913	0.300923	1.82635	1.82635	2.21735	11.0894	4.44548	1
cg10632969	NCAPD3	0.137963	0.510675	1.37847	1.37847	0.213183	1.87885	1.87885	0.019231	0.256029	-3.90581	0.0424747	0.324993	-3.07699	0.900564	1.06198	1.06198	0.300024	0.596504	-1.67644	0.855492	0.916036	-1.09166	0.68959	1.21306	1.21306	0.275951	0.579727	-1.72495	2.21735	8.12732	3.25807	1
cg13951862	NOTCH1	0.137965	0.119829	0.383807	-2.60548	0.142544	0.408845	-2.44591	0.891031	0.925167	-1.08089	0.325212	0.561891	-1.7797	0.0131295	0.174602	-5.72731	0.319886	0.558082	-1.79185	0.0289227	0.231887	-4.31245	0.738703	1.2092	1.2092	0.413681	0.622392	-1.60671	2.21734	11.3073	4.53289	1
cg23993697	SWAP70	0.137968	0.732862	0.726079	-1.37726	0.173056	3.87516	3.87516	0.282694	0.352417	-2.83755	0.88942	1.1388	1.1388	0.627364	1.57941	1.57941	0.826488	0.814555	-1.22766	0.671366	1.48993	1.48993	0.005148	31.5627	31.5627	0.345862	2.47691	2.47691	2.21732	30.6545	12.2889	1
cg27000228	ADAMTS2;ADAMTS2	0.137971	0.950652	0.990598	-1.00949	0.0194444	0.649738	-1.53908	0.160368	0.795411	-1.25721	0.885064	1.02232	1.02232	0.836002	0.968858	-1.03214	0.997351	1.00051	1.00051	0.0312878	1.47051	1.47051	0.657207	0.934105	-1.07054	0.478115	0.895772	-1.11636	2.2173	0.81801	0.327931	1
cg04306489	CCDC144A	0.137971	0.0871258	2.47479	2.47479	0.743955	1.17025	1.17025	0.595433	1.29313	1.29313	0.385952	1.53165	1.53165	0.0613537	0.363799	-2.74877	0.0956261	2.40629	2.40629	0.0897156	2.45306	2.45306	0.105106	2.3384	2.3384	0.253227	1.77253	1.77253	2.2173	8.08044	3.23936	1
cg21219744	GUF1	0.137977	0.150525	1.30428	1.30428	0.0866052	1.38583	1.38583	0.759895	0.948528	-1.05427	0.647778	1.08252	1.08252	0.0264163	1.57427	1.57427	0.618361	1.09044	1.09044	0.419498	1.1528	1.1528	0.149864	0.766331	-1.30492	0.226984	0.803592	-1.24441	2.21725	1.0436	0.418378	1
cg19624601	PARP1	0.137978	0.179579	1.70736	1.70736	0.045851	0.423598	-2.36073	0.0608042	0.452405	-2.21041	0.894304	1.05115	1.05115	0.0679984	2.15343	2.15343	0.852131	1.07254	1.07254	0.904105	1.04627	1.04627	0.414564	1.36751	1.36751	0.633219	1.19772	1.19772	2.21724	4.94572	1.98273	1
cg27051778	NPAS2	0.137979	0.550995	0.916334	-1.09131	0.447063	1.11878	1.11878	0.205019	1.21371	1.21371	0.644913	0.934998	-1.06952	0.174175	1.23291	1.23291	0.574192	1.0857	1.0857	0.00730936	1.65029	1.65029	0.357219	0.871847	-1.14699	0.321883	1.15977	1.15977	2.21724	0.736651	0.295323	1
cg24362661	SAMD11	0.137979	0.916535	0.95483	-1.04731	0.211938	1.78563	1.78563	0.0619306	2.5266	2.5266	0.254276	1.69026	1.69026	0.0130459	3.88821	3.88821	0.905175	0.94881	-1.05395	0.700229	1.18599	1.18599	0.345862	0.651781	-1.53426	0.125144	2.07901	2.07901	2.21723	6.82704	2.73696	1
cg04902671	SH2D5;SH2D5	0.137985	0.0188663	0.541431	-1.84696	0.379752	1.21454	1.21454	0.257327	1.29046	1.29046	0.782456	1.06153	1.06153	0.0536693	0.623355	-1.60422	0.296961	0.791953	-1.2627	0.543088	0.875652	-1.14201	0.204029	0.748896	-1.3353	0.843379	1.04359	1.04359	2.21719	1.63394	0.655061	1
cg13836183	EGFL8;PPT2;PPT2	0.137986	0.410684	1.15418	1.15418	0.362439	1.17298	1.17298	0.0890843	1.37657	1.37657	0.419448	1.15097	1.15097	0.575134	0.90799	-1.10133	0.607607	0.915506	-1.09229	0.343467	1.18097	1.18097	0.00857472	1.77092	1.77092	0.36454	0.853158	-1.17212	2.21718	1.02012	0.408976	1
cg02271490	KIAA1549;KIAA1549	0.13799	0.89407	1.02685	1.02685	0.126419	1.3893	1.3893	0.00703413	1.99949	1.99949	0.622143	0.90594	-1.10383	0.495783	1.14744	1.14744	0.748069	1.06618	1.06618	0.0490181	1.56348	1.56348	0.624369	1.10312	1.10312	0.390683	1.19113	1.19113	2.21715	1.38863	0.556721	1
cg07810961	EIF4EBP3;EIF4EBP3;ANKHD1-EIF4EBP3	0.137994	0.273681	0.66063	-1.51371	0.197734	0.609275	-1.64129	0.102425	0.521821	-1.91636	0.759384	1.1183	1.1183	0.704343	0.870448	-1.14883	0.00602642	0.270957	-3.69062	0.197956	0.609442	-1.64085	0.768524	1.11339	1.11339	0.991049	0.995926	-1.00409	2.21712	4.65085	1.86462	1
cg02788021	KATNAL1	0.137994	0.0706039	0.556896	-1.79567	0.235666	0.697637	-1.43341	0.0344676	0.489431	-2.04319	0.224318	0.690864	-1.44746	0.0704357	0.556656	-1.79644	0.609561	0.861375	-1.16093	0.0395161	0.501638	-1.99347	0.893543	1.03955	1.03955	0.070403	0.55661	-1.79659	2.21712	2.94735	1.18165	1
cg17919763	COL29A1;COL29A1	0.137995	0.460165	1.19269	1.19269	0.885426	1.03436	1.03436	0.146868	0.694308	-1.44028	0.0903235	0.645734	-1.54863	0.0828704	0.637612	-1.56835	0.910933	0.974119	-1.02657	0.340078	0.794215	-1.2591	0.271571	1.30762	1.30762	0.0244768	0.53363	-1.87396	2.21712	1.92822	0.773065	1
cg11818841	PSD3;PSD3	0.137997	0.422967	0.568833	-1.75799	0.0058025	0.0828369	-12.0719	0.0676443	0.243857	-4.10076	0.620466	1.41071	1.41071	0.244087	0.431684	-2.31651	0.466747	0.600194	-1.66613	0.295165	0.473141	-2.11354	0.670988	0.744873	-1.34251	0.828839	1.16096	1.16096	2.2171	16.6848	6.68935	1
cg14044392	NTNG2	0.137999	0.658322	1.09743	1.09743	0.278689	0.790332	-1.26529	0.632299	1.10596	1.10596	0.686027	0.918604	-1.08861	0.247754	0.776901	-1.28717	0.546227	0.880228	-1.13607	0.016418	1.84528	1.84528	0.946717	0.986135	-1.01406	0.0505636	1.59276	1.59276	2.21709	1.53244	0.614394	1
cg05745461	THSD4	0.137999	0.882074	0.970453	-1.03045	0.0979776	0.692969	-1.44307	0.719291	1.07565	1.07565	0.0594553	1.53704	1.53704	0.299933	1.2424	1.2424	0.40341	1.18858	1.18858	0.0247666	1.71607	1.71607	0.359818	0.826771	-1.20952	0.894864	1.02707	1.02707	2.21709	1.43351	0.574732	1
cg14780427	RPTOR;RPTOR	0.138002	0.112657	0.668991	-1.49479	0.795246	1.06241	1.06241	0.329956	0.791346	-1.26367	0.126834	0.680864	-1.46872	0.647412	1.11315	1.11315	0.0710749	1.59898	1.59898	0.0746141	1.58774	1.58774	0.476228	1.18367	1.18367	0.267127	0.764056	-1.3088	2.21707	1.90265	0.762832	1
cg11158236	ARX	0.138002	0.100329	3.22325	3.22325	0.464071	0.616024	-1.62331	0.19268	0.408059	-2.45063	0.168734	0.385439	-2.59444	0.14822	0.364831	-2.74099	0.331089	1.91929	1.91929	0.0734359	3.66059	3.66059	0.249649	2.18623	2.18623	0.594628	1.4179	1.4179	2.21706	14.8408	5.95013	1
cg00281129	LOC100289673	0.138002	0.0387457	1.87214	1.87214	0.0451596	1.82604	1.82604	0.594409	1.1512	1.1512	0.952119	1.01586	1.01586	0.153476	0.670032	-1.49247	0.198309	1.42789	1.42789	0.755621	0.921458	-1.08524	0.47277	0.82586	-1.21086	0.283724	0.746924	-1.33882	2.21706	2.41032	0.96637	1
cg17249170	EMX2;EMX2;EMX2OS	0.138004	0.343257	0.702078	-1.42434	0.0405173	0.424429	-2.35611	0.104272	0.525523	-1.90287	0.656996	1.17575	1.17575	0.0193433	0.358914	-2.78618	0.703095	0.870463	-1.14881	0.298566	0.676827	-1.47748	0.540267	0.798831	-1.25183	0.0491335	0.443245	-2.25609	2.21705	4.60826	1.84761	1
cg03375579	SAP30	0.138005	0.845294	1.05246	1.05246	0.638549	1.13183	1.13183	0.0524774	1.78093	1.78093	0.702838	0.904546	-1.10553	0.386903	1.2613	1.2613	0.15022	1.49731	1.49731	0.161112	0.675876	-1.47956	0.0863261	1.64205	1.64205	0.0360542	1.89302	1.89302	2.21704	2.40544	0.964426	1
cg06857887	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.138012	0.0340245	0.192306	-5.20004	0.26048	0.457472	-2.18593	0.307005	0.494286	-2.02312	0.183702	0.390708	-2.55946	0.0566279	0.237462	-4.21121	0.0818217	0.27667	-3.61442	0.0245998	0.16801	-5.95203	0.880641	0.90473	-1.1053	0.13359	0.340232	-2.93917	2.21699	15.589	6.25033	1
cg02825646	SIVA1;SIVA1	0.138014	0.473042	1.10632	1.10632	0.415165	1.12222	1.12222	0.0345904	1.40653	1.40653	0.104825	0.78239	-1.27813	0.902693	0.983209	-1.01708	0.797936	1.03616	1.03616	0.0581445	1.34508	1.34508	0.065027	1.33219	1.33219	0.845115	1.02745	1.02745	2.21697	0.672978	0.269829	1
cg22813794	STYXL1;MDH2;MDH2	0.138015	0.720131	0.883093	-1.13238	0.423618	0.753964	-1.32632	?	?	?	?	?	?	0.367406	0.726181	-1.37707	0.31518	0.698445	-1.43175	0.852938	1.06623	1.06623	0.180819	1.63397	1.63397	0.015932	2.77321	2.77321	2.25973	3.32401	1.68112	1
cg06561666	ETV1;ETV1;ETV1;ETV1	0.138015	0.417394	1.35396	1.35396	0.735285	0.883304	-1.13211	0.551604	1.24638	1.24638	0.776103	1.10989	1.10989	0.145776	0.564928	-1.77014	0.340179	0.698072	-1.43252	0.010738	0.309687	-3.22907	0.671918	1.16855	1.16855	0.172696	1.70002	1.70002	2.21696	4.6945	1.88225	1
cg15757022	NADSYN1	0.13802	0.696855	0.917588	-1.08981	0.138784	1.41917	1.41917	0.0304551	1.7485	1.7485	0.867991	1.03722	1.03722	0.952807	1.01309	1.01309	0.752573	1.07195	1.07195	0.0545282	0.619282	-1.61477	0.856853	0.961109	-1.04046	0.0860483	1.51698	1.51698	2.21693	1.6946	0.679458	1
cg09622203	PKIG;PKIG;PKIG	0.138024	0.318004	1.15928	1.15928	0.122137	1.27114	1.27114	0.245806	1.18984	1.18984	0.483356	1.10739	1.10739	0.979533	1.00368	1.00368	0.997986	0.999639	-1.00036	0.0100046	0.627725	-1.59306	0.838452	0.971191	-1.02966	0.440706	1.11917	1.11917	2.2169	0.719947	0.28867	1
cg10707081	PCDH9;PCDH9	0.138026	0.0196905	0.30104	-3.32182	0.878581	0.936932	-1.06731	0.340564	1.51973	1.51973	0.274675	0.616111	-1.62308	0.124703	0.492478	-2.03055	0.303967	0.635283	-1.5741	0.0235271	0.315784	-3.16672	0.563992	0.779936	-1.28216	0.674558	0.835301	-1.19717	2.21688	6.37572	2.55643	1
cg27370104	TRERF1	0.138028	0.112264	0.476694	-2.09778	0.825868	1.09901	1.09901	0.689112	1.18804	1.18804	0.988847	1.00601	1.00601	0.0517986	0.387412	-2.58123	0.609002	0.801679	-1.24738	0.0268839	0.325243	-3.07462	0.0317774	0.340134	-2.94002	0.505924	0.748865	-1.33535	2.21687	6.4459	2.58459	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22261207	RNF150	0.138029	0.0781948	0.271791	-3.6793	0.0640934	0.250255	-3.99592	0.845303	1.13889	1.13889	0.907002	0.925147	-1.08091	0.0499999	0.225824	-4.42823	0.101862	0.303565	-3.29419	0.0266073	0.173864	-5.75162	0.8634	0.891683	-1.12147	0.231674	0.433801	-2.30521	2.21686	15.5617	6.23975	1
cg02172028	NTN1	0.138031	0.298859	0.616709	-1.62151	0.022056	0.291566	-3.42976	0.288322	0.609677	-1.64021	0.0748571	2.43662	2.43662	0.116757	0.46534	-2.14897	0.752038	0.867374	-1.15291	0.875591	1.07286	1.07286	0.290751	0.611309	-1.63583	0.556905	1.30565	1.30565	2.21684	7.0748	2.83679	1
cg23436960	VASH1	0.138042	0.0255573	0.169218	-5.90954	0.714359	0.7818	-1.2791	0.0476739	0.219484	-4.55614	0.563352	0.676232	-1.47878	0.116263	0.318871	-3.13606	0.929327	1.0612	1.0612	0.0515299	0.226698	-4.41116	0.166175	0.37206	-2.68774	0.0797417	0.271957	-3.67706	2.21676	15.7429	6.31267	1
cg25175469	FAM63B;FAM63B	0.138043	?	?	?	0.783728	1.13646	1.13646	0.918058	0.953281	-1.04901	0.999431	1.00033	1.00033	0.029045	0.302319	-3.30776	0.388934	0.66331	-1.50759	0.0208519	0.27445	-3.64365	0.320528	1.61158	1.61158	0.334479	0.629527	-1.5885	2.23594	6.80431	3.04315	1
cg26055770	PDZRN3;PDZRN3	0.13805	0.312592	1.14302	1.14302	0.246029	1.16797	1.16797	0.270904	1.158	1.158	0.527404	1.0854	1.0854	0.285852	0.867749	-1.15241	0.0611724	0.763377	-1.30997	0.0688801	1.29764	1.29764	0.893593	0.983019	-1.01727	0.0736395	1.29074	1.29074	2.2167	0.574996	0.230571	1
cg14352416	CCDC40	0.138058	0.144951	0.798519	-1.25232	0.583631	0.923527	-1.08281	0.10861	1.28601	1.28601	0.420058	0.888336	-1.1257	0.03303	0.698875	-1.43087	0.138852	0.79534	-1.25732	0.232505	0.83531	-1.19716	0.251095	1.18809	1.18809	0.400256	0.883593	-1.13174	2.21664	0.725233	0.290824	1
cg07344019	MIR548H4;NOX5	0.138059	0.351291	0.728064	-1.37351	0.0274062	0.421788	-2.37086	0.0320228	0.435576	-2.29581	0.192815	0.633825	-1.57772	0.163385	0.611317	-1.63581	0.601155	1.19064	1.19064	0.340032	1.38447	1.38447	0.193995	0.634678	-1.5756	0.37365	0.739238	-1.35275	2.21663	3.84249	1.54087	1
cg26230275	S100A10	0.138062	0.378024	0.71644	-1.39579	0.324146	1.45559	1.45559	0.241316	0.636233	-1.57175	0.586318	0.816622	-1.22456	0.384096	1.38961	1.38961	0.361579	1.41306	1.41306	0.027482	2.61522	2.61522	0.519711	1.27202	1.27202	0.0623198	0.461368	-2.16747	2.21662	4.77166	1.91349	1
cg09795960	PRDM15;PRDM15	0.138064	0.916651	0.959516	-1.04219	0.41602	0.720236	-1.38843	0.612675	0.817471	-1.22328	0.471551	0.748927	-1.33524	0.0061959	0.24437	-4.09216	0.374173	0.697597	-1.43349	0.0360038	0.381786	-2.61927	0.803725	1.1033	1.1033	0.263736	0.631335	-1.58395	2.2166	5.47117	2.19402	1
cg24910410	LOC729678	0.138065	0.132222	0.595176	-1.68018	0.815857	0.928202	-1.07735	0.899688	1.0411	1.0411	0.641537	0.860925	-1.16154	0.361115	0.740934	-1.34965	0.00795061	0.337272	-2.96497	0.771032	0.911008	-1.09768	0.186017	1.56491	1.56491	0.439234	1.28655	1.28655	2.21659	3.58117	1.43611	1
cg25454647	OCA2	0.138065	0.493981	0.892124	-1.12092	0.653591	1.07706	1.07706	0.234862	0.814953	-1.22706	0.883961	0.976285	-1.02429	0.649592	0.927587	-1.07807	0.888424	0.977194	-1.02334	0.00762089	1.75743	1.75743	0.141767	0.771345	-1.29644	0.705475	0.939508	-1.06439	2.21659	0.948124	0.380213	1
cg19937056	KCNMB2;KCNMB2	0.138068	0.297463	0.803082	-1.2452	0.693656	0.922768	-1.0837	0.806956	1.05096	1.05096	0.209448	0.764462	-1.30811	0.0753359	0.668974	-1.49483	0.284073	1.2535	1.2535	0.0228235	1.7386	1.7386	0.687812	1.08547	1.08547	0.312862	0.809007	-1.23608	2.21657	1.44711	0.580322	1
cg17163767	MYH9	0.13807	0.276803	0.735157	-1.36025	0.870452	0.956576	-1.0454	0.453211	1.23102	1.23102	0.420089	1.25115	1.25115	0.00920488	0.406834	-2.458	0.514824	0.835559	-1.1968	0.952378	0.983886	-1.01638	0.97124	0.990242	-1.00985	0.0514719	0.547144	-1.82767	2.21655	2.59728	1.04157	1
cg03418137	LOC100130987	0.138073	0.178001	0.412574	-2.42381	0.305228	0.518549	-1.92846	0.381617	1.74206	1.74206	0.182379	0.416693	-2.39985	0.13271	0.366598	-2.72778	0.464974	0.631289	-1.58406	0.0155562	0.159574	-6.2667	0.0863354	0.309735	-3.22856	0.0926741	0.318378	-3.14092	2.21653	13.432	5.38658	1
cg18865815	LRRC42	0.138074	0.0474481	0.397627	-2.51492	0.925034	1.03902	1.03902	0.953867	0.976745	-1.02381	0.741645	0.874108	-1.14402	0.0244948	0.336269	-2.97381	0.261967	0.621433	-1.60918	0.256079	0.61745	-1.61956	0.866276	1.07095	1.07095	0.0234601	0.332582	-3.00678	2.21653	5.80666	2.32863	1
cg06285575	ZNF267	0.138078	0.0172458	0.357017	-2.80099	0.0965997	0.523304	-1.91093	0.0267542	0.393892	-2.53877	0.31044	0.68895	-1.45149	0.22019	0.63278	-1.58033	0.250811	0.653127	-1.5311	0.257426	0.657325	-1.52132	0.605264	1.20333	1.20333	0.270123	0.66521	-1.50328	2.2165	4.42425	1.77427	1
cg08478193	GTF3C1;KIAA0556	0.138079	0.704954	1.07028	1.07028	0.068063	0.694311	-1.44028	0.945159	1.01236	1.01236	0.628475	1.09096	1.09096	0.207759	0.78886	-1.26765	0.645759	0.920683	-1.08615	0.00611479	0.527885	-1.89435	0.581804	0.905456	-1.10442	0.449	0.871314	-1.14769	2.21649	1.1191	0.448798	1
cg00801798	KIAA1432	0.13808	0.10722	0.378924	-2.63905	0.675265	0.792518	-1.2618	0.610512	0.753136	-1.32778	0.389887	0.614906	-1.62627	0.15411	0.430827	-2.32112	0.395568	0.618658	-1.6164	0.0056804	0.135023	-7.40612	0.26591	0.527382	-1.89616	0.0726093	0.33104	-3.02078	2.21648	10.6932	4.28834	1
cg15315493	BRD2;BRD2	0.13808	0.269923	0.838582	-1.19249	0.0552885	1.39506	1.39506	0.0270155	1.49366	1.49366	0.166739	0.797785	-1.25347	0.75011	1.05018	1.05018	0.669153	1.06809	1.06809	0.289299	0.844886	-1.18359	0.648128	1.07295	1.07295	0.444316	1.12693	1.12693	2.21648	0.824335	0.330588	1
cg10953410	HTR3A;HTR3A;HTR3A	0.138081	0.852941	1.07208	1.07208	0.296843	1.50031	1.50031	0.0428559	0.4172	-2.39693	0.301152	0.669109	-1.49452	0.0191337	0.345269	-2.89629	0.894683	1.05093	1.05093	0.21709	1.62756	1.62756	0.901681	1.04745	1.04745	0.916706	0.961524	-1.04002	2.21647	4.93808	1.98036	1
ch.3.1113149F	VPRBP	0.138082	0.0522106	0.22839	-4.37848	0.0322685	0.186985	-5.34803	0.0446564	0.214039	-4.67204	0.0560099	0.235151	-4.25258	0.0975024	0.296426	-3.37352	0.611368	0.709866	-1.40872	0.113527	0.316141	-3.16314	0.478999	0.617992	-1.61814	0.635348	0.726543	-1.37638	2.21646	15.6987	6.29578	1
cg24807054	SFRS18;SFRS18	0.138085	0.0711052	0.323082	-3.09519	0.0322545	0.245298	-4.07667	0.608741	1.33553	1.33553	0.453007	1.53483	1.53483	0.0816356	0.339085	-2.94911	0.876539	0.91656	-1.09104	0.353876	1.70668	1.70668	0.517969	1.44384	1.44384	0.335378	1.74495	1.74495	2.21644	11.0247	4.42137	1
cg27449030	ADCY3;CENPO	0.138085	0.0639382	0.596824	-1.67554	0.119062	0.65749	-1.52094	0.127701	0.664824	-1.50416	0.323489	0.776651	-1.28758	0.089182	0.62838	-1.59139	0.747004	0.922905	-1.08354	0.0565218	1.70768	1.70768	0.819355	0.944877	-1.05834	0.385537	0.802112	-1.24671	2.21644	2.15675	0.86495	1
cg14186336	GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.138086	0.252331	0.318254	-3.14215	0.0123158	0.0505697	-19.7747	0.0205151	0.0690706	-14.4779	0.345473	0.394428	-2.53532	0.299075	0.356826	-2.80249	0.12019	0.199083	-5.02303	0.281039	0.342051	-2.92354	0.171567	0.248168	-4.02952	0.738799	0.725848	-1.3777	2.21643	32.1821	12.9065	1
cg04428139	DCAF5	0.138087	0.280154	1.30682	1.30682	0.0354236	1.79283	1.79283	0.0188911	1.96948	1.96948	0.205781	1.37458	1.37458	0.288245	0.768898	-1.30056	0.270657	1.3144	1.3144	0.991646	0.997508	-1.0025	0.605247	1.13234	1.13234	0.15673	1.43483	1.43483	2.21643	1.99444	0.79986	1
cg14684457	NFE2L3	0.138087	0.0366543	0.174193	-5.74075	0.861856	0.882175	-1.13356	0.721135	1.29431	1.29431	0.152481	3.01356	3.01356	0.0335253	0.167366	-5.97492	0.666279	1.36656	1.36656	0.843961	1.1524	1.1524	0.377968	1.91767	1.91767	0.210294	0.386659	-2.58626	2.21643	18.1863	7.29354	1
cg14645545	SLC11A1	0.13809	0.10079	5.35905	5.35905	0.051527	7.92602	7.92602	0.0951381	5.5443	5.5443	0.278764	2.86296	2.86296	0.781227	0.771024	-1.29698	0.606356	0.615401	-1.62496	0.808478	0.797065	-1.2546	0.0967834	5.48866	5.48866	0.0332701	10.2174	10.2174	2.2164	30.6236	12.2816	1
cg19536404	EHHADH;EHHADH;EHHADH;EHHADH	0.138099	0.0217829	0.41462	-2.41185	0.365569	0.742863	-1.34614	0.50235	0.804385	-1.24319	0.0545308	0.497871	-2.00855	0.0724097	0.526765	-1.89838	0.134471	0.596904	-1.67531	0.525206	0.813951	-1.22857	0.265321	1.44942	1.44942	0.986561	0.994629	-1.0054	2.21634	3.58857	1.43924	1
cg10716518	NOTCH4	0.1381	0.0777031	0.720483	-1.38796	0.0957061	1.35796	1.35796	0.509894	0.89425	-1.11826	0.724132	1.06104	1.06104	0.147391	0.771103	-1.29684	0.0940463	0.735046	-1.36046	0.569203	1.10097	1.10097	0.0739447	0.716763	-1.39516	0.618956	1.08744	1.08744	2.21633	0.981312	0.393569	1
cg04085822	NTN3	0.138103	0.0286807	0.0499217	-20.0314	0.0137906	0.0291519	-34.303	0.975837	1.0358	1.0358	0.21809	0.222107	-4.50234	0.302222	0.289032	-3.45983	0.599676	1.84979	1.84979	0.411746	0.377304	-2.65038	0.772965	1.39926	1.39926	0.657297	1.67958	1.67958	2.2163	47.342	18.9874	1
cg06012016	GPR152	0.138114	0.921255	1.04543	1.04543	0.25906	1.69742	1.69742	0.631351	1.24264	1.24264	0.305305	0.620644	-1.61123	0.0128776	0.249651	-4.00559	0.301123	1.6184	1.6184	0.382391	1.49562	1.49562	0.12094	0.469679	-2.12911	0.720348	0.850835	-1.17532	2.21622	7.08758	2.84271	1
cg21520933	KLF14	0.138115	?	?	?	0.321778	6.85263	6.85263	0.033985	159.052	159.052	0.0684567	57.6263	57.6263	0.447382	4.23351	4.23351	0.48613	0.268185	-3.72877	0.725169	0.521374	-1.91801	0.0325186	169.977	169.977	0.859191	1.38682	1.38682	2.7732	121.349	27.3486	1
cg01765882	LOC116437	0.138116	0.47508	1.33077	1.33077	0.0116236	0.289097	-3.45905	0.697102	1.16636	1.16636	0.0656019	0.443556	-2.25451	0.310762	0.661918	-1.51076	0.166267	0.559482	-1.78737	0.175434	0.567298	-1.76274	0.250968	0.623809	-1.60305	0.318274	0.666424	-1.50055	2.21621	5.4329	2.17906	1
cg00499831	CSMD2	0.138118	0.10376	0.692867	-1.44328	0.71392	0.926873	-1.0789	0.0785789	0.668349	-1.49622	0.844146	0.960218	-1.04143	0.266988	0.787797	-1.26936	0.588747	0.893526	-1.11916	0.019039	0.556866	-1.79576	0.258917	1.27498	1.27498	0.0810157	0.670987	-1.49034	2.2162	1.49305	0.598843	1
cg07350501	CSDAP1	0.138118	0.437835	0.639387	-1.564	0.971788	0.980213	-1.02019	0.199925	0.465224	-2.1495	0.474589	1.50824	1.50824	0.953124	1.03378	1.03378	0.87509	0.914936	-1.09297	0.453736	1.53925	1.53925	0.00548458	7.87474	7.87474	0.626256	0.757783	-1.31964	2.21619	11.2097	4.49607	1
cg08853419	TMEM59L	0.138118	0.160617	1.38785	1.38785	0.493671	0.858976	-1.16418	0.886841	1.03163	1.03163	0.845714	1.04353	1.04353	0.0616871	0.631127	-1.58447	0.214513	1.33079	1.33079	0.0210796	1.83434	1.83434	0.398573	1.20805	1.20805	0.662207	0.908342	-1.10091	2.21619	1.67865	0.673289	1
cg26166595	DKK3;DKK3;DKK3	0.13812	0.142278	0.41633	-2.40194	0.0884246	2.84116	2.84116	0.135114	2.44678	2.44678	0.989659	0.992826	-1.00723	0.0486375	0.286186	-3.49423	0.816865	1.13753	1.13753	0.144183	0.418322	-2.3905	0.342409	0.580779	-1.72183	0.60965	0.751223	-1.33116	2.21618	10.8311	4.34423	1
cg00244001	FAM53B	0.13812	0.0919987	0.289651	-3.45244	0.307623	2.0248	2.0248	0.184951	2.55791	2.55791	0.315525	2.00023	2.00023	0.154348	0.361134	-2.76905	0.0710468	3.84635	3.84635	0.18666	2.5475	2.5475	0.151616	2.79061	2.79061	0.957561	1.03619	1.03619	2.21618	15.6628	6.28221	1
cg23820661	C12orf29	0.138121	0.836057	0.9483	-1.05452	0.129367	0.657184	-1.52164	0.0618769	0.58353	-1.71371	0.13968	0.665539	-1.50254	0.122091	0.65098	-1.53615	0.941707	0.981439	-1.01891	0.0171722	0.475238	-2.10421	0.974322	0.991788	-1.00828	0.387559	1.25468	1.25468	2.21617	2.3035	0.923914	1
cg00850648	FGF13;FGF13;FGF13	0.138122	0.0415791	0.22008	-4.54381	0.750398	1.22829	1.22829	0.585617	1.42574	1.42574	0.0591135	3.94708	3.94708	0.102479	3.16208	3.16208	0.241395	0.453812	-2.20355	0.471647	0.623925	-1.60276	0.988667	0.990891	-1.00919	0.272033	2.08887	2.08887	2.21617	14.569	5.84353	1
cg16370772	C14orf179;C14orf179	0.138127	0.0105802	0.380475	-2.62829	0.179757	0.651682	-1.53449	0.320128	1.36171	1.36171	0.761687	0.912643	-1.09572	0.254692	0.699478	-1.42964	0.951804	0.981998	-1.01833	0.0674423	0.540203	-1.85116	0.252032	0.69795	-1.43277	0.253181	0.698611	-1.43141	2.21613	3.17012	1.27153	1
cg26712809	CASS4;CASS4;CASS4;CASS4	0.138131	0.647829	1.21127	1.21127	0.876239	0.93711	-1.06711	0.757224	0.87877	-1.13795	0.798735	1.11237	1.11237	0.697004	0.849525	-1.17713	0.0241808	3.06546	3.06546	0.0214767	3.16227	3.16227	0.700912	1.1745	1.1745	0.15778	0.532872	-1.87662	2.2161	6.09651	2.44534	1
cg16263627	C15orf51	0.138133	0.687584	1.0667	1.0667	0.381697	0.866491	-1.15408	0.155245	0.784329	-1.27498	0.238519	0.821037	-1.21797	0.134058	0.772531	-1.29445	0.887891	1.02279	1.02279	0.0127432	1.63941	1.63941	0.954995	0.991026	-1.00906	0.989528	1.0021	1.0021	2.21608	0.895423	0.359161	1
cg18584012	CHMP4C	0.138133	0.0543103	2.38569	2.38569	0.0344899	2.66931	2.66931	0.0717361	2.22678	2.22678	0.229698	0.605427	-1.65173	0.867794	0.935817	-1.06858	0.675325	1.18261	1.18261	0.424453	1.38374	1.38374	0.135466	1.89778	1.89778	0.194043	1.72824	1.72824	2.21608	5.56437	2.23192	1
cg19977408	PGRMC2	0.138135	0.633776	0.923856	-1.08242	0.548924	0.904769	-1.10526	0.146705	1.29308	1.29308	0.115181	0.753796	-1.32662	0.113094	0.752351	-1.32917	0.033183	0.663078	-1.50812	0.0828811	0.728417	-1.37284	0.914303	0.982394	-1.01792	0.464212	1.1308	1.1308	2.21606	0.955668	0.383329	1
cg09166770	FBXL19	0.138135	0.680456	1.17627	1.17627	0.705219	0.861577	-1.16066	0.602283	0.813734	-1.2289	0.580787	0.803587	-1.24442	0.136055	0.532739	-1.87709	0.00371959	0.215177	-4.64734	0.649684	1.19634	1.19634	0.9866	0.993437	-1.00661	0.600555	0.812921	-1.23013	2.21606	5.39426	2.1637	1
cg08856223	MUM1;MUM1	0.138136	0.325669	0.860395	-1.16226	0.372254	1.14537	1.14537	0.0100156	0.617735	-1.61882	0.884688	1.02173	1.02173	0.481808	1.11174	1.11174	0.871863	1.0242	1.0242	0.101196	1.30464	1.30464	0.50151	0.903868	-1.10636	0.552003	0.914709	-1.09324	2.21606	0.770457	0.30904	1
cg01584634	ATG16L2	0.138142	0.937437	0.968395	-1.03264	0.749987	1.13973	1.13973	0.321247	0.657548	-1.5208	0.554539	0.783057	-1.27705	0.0103632	0.266888	-3.74689	0.0175159	0.306403	-3.26368	0.697766	0.852445	-1.1731	0.723113	0.864562	-1.15666	0.317773	0.655433	-1.52571	2.21601	5.87377	2.35609	1
cg21516384	RNF213;RNF213	0.138151	0.462553	0.805089	-1.2421	0.717543	1.11106	1.11106	0.808406	1.07297	1.07297	0.974768	1.00921	1.00921	0.0369022	0.49526	-2.01914	0.673103	0.884245	-1.13091	0.0182477	0.435741	-2.29494	0.0634437	0.546036	-1.83138	0.52266	1.20663	1.20663	2.21595	2.9497	1.18322	1
cg14322215	TRIM27	0.138151	0.14798	0.768121	-1.30188	0.525941	0.89652	-1.11542	0.454803	0.878617	-1.13815	0.269863	1.21567	1.21567	0.442498	1.14237	1.14237	0.615675	1.08984	1.08984	0.00977768	0.573907	-1.74244	0.167365	0.778667	-1.28425	0.950611	0.989527	-1.01058	2.21595	1.01398	0.406741	1
cg08625990	LOC154449	0.138152	0.385681	0.540306	-1.8508	0.00764052	0.0931185	-10.739	0.0479146	0.208983	-4.78507	0.965026	0.970104	-1.03082	0.144281	0.337661	-2.96155	0.212354	0.402805	-2.48259	0.218397	0.408128	-2.45021	0.295252	0.471715	-2.11992	0.997877	1.00184	1.00184	2.21594	16.8174	6.74603	1
cg07271261	VGLL4;VGLL4;VGLL4;VGLL4	0.138152	0.314609	0.655311	-1.52599	0.0263019	0.342678	-2.9182	0.0353708	0.369425	-2.70691	0.624314	1.22215	1.22215	0.475331	0.744509	-1.34317	0.700446	1.17013	1.17013	0.12546	0.509677	-1.96203	0.267264	1.59955	1.59955	0.860268	1.07424	1.07424	2.21594	5.79726	2.32548	1
cg23956737	CADPS2;CADPS2;CADPS2	0.138158	0.419569	0.81368	-1.22898	0.831071	0.947991	-1.05486	0.449234	1.21262	1.21262	0.868355	1.04235	1.04235	0.712916	0.911746	-1.0968	0.988695	0.996464	-1.00355	0.00294028	0.360195	-2.77627	0.782131	0.933039	-1.07177	0.793862	0.936627	-1.06766	2.21589	2.19363	0.879959	1
cg06196689	MUC13	0.138161	0.111568	0.399811	-2.50118	0.647027	0.783581	-1.27619	0.0307301	0.261206	-3.8284	0.833007	1.11817	1.11817	0.0276779	0.25233	-3.96307	0.0473684	0.301173	-3.32036	0.235757	0.518261	-1.92953	0.276881	0.549775	-1.81893	0.170239	0.461787	-2.1655	2.21587	9.8203	3.93937	1
cg23384708	TNF	0.138163	0.513655	0.787173	-1.27037	0.481151	0.772055	-1.29524	0.0629317	0.469606	-2.12944	0.0910444	0.510428	-1.95914	0.97356	1.01205	1.01205	0.0126	0.326027	-3.06723	0.229871	1.57641	1.57641	0.515611	0.788072	-1.26892	0.665664	0.854648	-1.17007	2.21586	4.58075	1.83756	1
cg12119715	C22orf41	0.138165	?	?	?	0.448242	1.53555	1.53555	0.402139	0.621176	-1.60985	0.391903	0.614367	-1.62769	0.972166	1.01949	1.01949	0.978741	0.985364	-1.01485	0.00636696	0.128629	-7.77432	0.372333	0.601191	-1.66337	0.528635	1.42465	1.42465	2.3533	9.93006	3.69217	1
cg08898234	PURA	0.138166	0.316103	0.834514	-1.1983	0.0217385	1.61739	1.61739	0.296649	1.20788	1.20788	0.58353	0.907887	-1.10146	0.539557	1.1145	1.1145	0.7151	1.06608	1.06608	0.111261	0.738752	-1.35363	0.557171	0.901561	-1.10919	0.100128	1.36949	1.36949	2.21583	1.0691	0.428873	1
cg02161471	KLF16	0.138167	0.378675	0.832073	-1.20182	0.0195668	1.77576	1.77576	0.416439	1.18417	1.18417	0.783284	0.945428	-1.05772	0.975785	0.993841	-1.0062	0.0397192	1.62259	1.62259	0.303869	0.805134	-1.24203	0.436936	0.850941	-1.17517	0.626258	0.904933	-1.10505	2.21583	1.45389	0.583233	1
cg17210775	PLCL2;PLCL2	0.138167	0.724684	1.10254	1.10254	0.0433676	1.89915	1.89915	0.0125153	2.35748	2.35748	0.144657	1.54112	1.54112	0.328873	0.75715	-1.32074	0.714937	1.10657	1.10657	0.326258	1.32286	1.32286	0.804311	0.933763	-1.07094	0.916655	0.971516	-1.02932	2.21583	2.67447	1.07287	1
cg01035261	CNGB1	0.138171	0.0636567	4.53151	4.53151	0.107779	3.5675	3.5675	0.13826	3.17912	3.17912	0.461546	1.72156	1.72156	0.912354	0.923305	-1.08307	0.309909	2.14148	2.14148	0.357527	1.98527	1.98527	0.871847	0.889587	-1.12412	0.00835675	11.4996	11.4996	2.2158	18.4317	7.39405	1
cg00650809	ANO8	0.138171	0.231534	1.88092	1.88092	0.320936	1.67578	1.67578	0.905125	0.941737	-1.06187	0.452411	1.47019	1.47019	0.0502802	3.07553	3.07553	0.158904	2.13411	2.13411	0.0128408	4.73807	4.73807	0.0462181	3.15759	3.15759	0.288346	1.74182	1.74182	2.21579	8.89452	3.56813	1
cg08899667	VARS	0.138172	0.648934	0.921401	-1.0853	0.0860749	0.712658	-1.4032	0.0176726	0.597259	-1.67432	0.521697	0.890483	-1.12299	0.353233	0.843156	-1.18602	0.571062	0.902806	-1.10766	0.562339	1.11029	1.11029	0.722949	0.938402	-1.06564	0.0182563	0.599463	-1.66816	2.21579	1.11946	0.449085	1
cg21558508	SAR1B;SAR1B	0.138172	0.547079	0.855306	-1.16917	0.356633	1.2753	1.2753	0.767232	1.07911	1.07911	0.660763	1.11994	1.11994	0.26702	0.743337	-1.34529	0.527571	0.848597	-1.17842	0.0158631	2.13361	2.13361	0.266439	1.34581	1.34581	0.0450089	1.80405	1.80405	2.21579	2.3088	0.926201	1
cg07526675	PCSK1N	0.138172	0.417454	0.717409	-1.39391	0.110089	0.497584	-2.00971	0.561591	1.26521	1.26521	0.0297398	2.78798	2.78798	0.100172	0.485814	-2.0584	0.897198	0.949512	-1.05317	0.56884	0.7939	-1.2596	0.145533	1.8708	1.8708	0.613376	0.815299	-1.22654	2.21579	5.63715	2.2614	1
cg05172655	SNORD116-17;SNORD116-19;SNORD116-16	0.138175	0.468431	0.782288	-1.2783	0.334359	0.717927	-1.3929	0.132693	1.71598	1.71598	0.969338	0.987288	-1.01288	0.242885	0.665808	-1.50193	0.709158	0.882757	-1.13281	0.492314	0.792859	-1.26126	0.0121924	2.82806	2.82806	0.377963	0.740013	-1.35133	2.21577	3.88762	1.55957	1
cg12227341	MRPL30;MRPL30;MITD1	0.138177	0.515113	0.897796	-1.11384	0.524658	1.11105	1.11105	0.487189	1.12222	1.12222	0.873214	0.974251	-1.02643	0.0402144	0.678966	-1.47283	0.191028	0.797599	-1.25376	0.039323	0.677422	-1.47618	0.478567	0.888982	-1.12488	0.115352	1.32264	1.32264	2.21575	0.936344	0.375631	1
cg21662263	CYFIP1	0.138177	0.239176	0.69662	-1.4355	0.875501	0.955058	-1.04706	0.203647	1.48217	1.48217	0.668076	0.881164	-1.13486	0.186685	0.663303	-1.50761	0.882781	1.04422	1.04422	0.0262872	0.461664	-2.16608	0.0258063	0.4601	-2.17344	0.347494	0.752994	-1.32803	2.21575	3.01846	1.21091	1
cg14866419	YY1	0.138182	0.447505	1.33714	1.33714	0.34364	0.693424	-1.44212	0.500392	1.29266	1.29266	0.245822	0.634114	-1.577	0.0384403	0.406535	-2.45981	0.404803	0.726227	-1.37698	0.339692	1.44672	1.44672	0.0365007	2.48972	2.48972	0.82808	0.921622	-1.08504	2.21571	4.94245	1.98279	1
cg03045079	PNN	0.138184	0.0490982	0.572847	-1.74567	0.657776	1.11692	1.11692	0.998771	1.00038	1.00038	0.245511	0.739886	-1.35156	0.983928	1.00501	1.00501	0.558155	1.15821	1.15821	0.0137007	0.469529	-2.1298	0.170071	0.695989	-1.4368	0.155507	0.685958	-1.45781	2.2157	2.15858	0.865971	1
cg03434029	TCTEX1D4;BTBD19	0.138186	0.160517	0.661282	-1.51222	0.0246789	0.478086	-2.09167	0.0404832	0.5206	-1.92086	0.146887	0.65084	-1.53648	0.0440094	0.528105	-1.89356	0.910562	0.969476	-1.03148	0.786787	0.927934	-1.07766	0.724608	1.1025	1.1025	0.266177	0.726422	-1.37661	2.21569	2.67072	1.07144	1
cg11833244	POU6F1;POU6F1	0.138187	0.214374	0.470173	-2.12688	0.684429	0.789861	-1.26605	0.690541	0.793718	-1.25989	0.184618	0.443809	-2.25322	0.0124488	0.166056	-6.02208	0.0882987	0.337655	-2.9616	0.0503794	0.275926	-3.62416	0.468224	1.53125	1.53125	0.513113	0.681876	-1.46654	2.21568	11.6956	4.69208	1
cg12581229	ZNF329	0.138188	0.470324	1.44169	1.44169	0.139933	2.20571	2.20571	0.248561	1.82352	1.82352	0.78923	1.14276	1.14276	0.0229792	0.258024	-3.87561	0.180568	0.492536	-2.03031	0.510132	1.39482	1.39482	0.177144	2.04314	2.04314	0.52397	0.724944	-1.37942	2.21567	8.70577	3.49261	1
cg27009550	ASPHD2	0.138189	0.845468	1.05583	1.05583	0.245248	0.712902	-1.40272	0.0176494	0.447662	-2.23383	0.462445	0.811986	-1.23155	0.163008	0.660598	-1.51378	0.0469837	0.530957	-1.88339	0.749359	1.09335	1.09335	0.648962	1.1361	1.1361	0.0765011	0.577735	-1.7309	2.21567	2.72046	1.0914	1
cg25382566	CDCA5;ZFPL1;ZFPL1	0.138189	0.113162	3.97558	3.97558	0.395409	0.498194	-2.00725	0.57531	1.57324	1.57324	0.0112467	0.0786882	-12.7084	0.536125	1.65127	1.65127	0.554617	0.619743	-1.61357	0.861714	1.14979	1.14979	0.346448	2.17311	2.17311	0.329179	2.23934	2.23934	2.21566	22.4885	9.02205	1
cg01881428	COL11A2;COL11A2;COL11A2	0.13819	0.0272974	0.28015	-3.56952	0.358646	0.631373	-1.58385	0.246433	0.554044	-1.80491	0.137817	0.459084	-2.17825	0.0454548	0.327024	-3.05788	0.133355	0.454373	-2.20084	0.0773965	0.38426	-2.6024	0.0376982	0.309018	-3.23606	0.208115	0.523838	-1.90899	2.21566	8.32887	3.34142	1
cg14659930	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.138191	0.0818817	0.211673	-4.72426	0.474917	0.557	-1.79533	0.902872	0.906356	-1.10332	0.294914	0.41693	-2.39849	0.0321534	0.132509	-7.54667	0.28206	0.40645	-2.46033	0.0221085	0.109697	-9.11604	0.0585477	0.178868	-5.59071	0.130002	0.267886	-3.73294	2.21565	22.7607	9.13128	1
cg11448547	FAM115A	0.138191	0.259037	0.544824	-1.83546	0.123163	2.36629	2.36629	0.026642	3.8761	3.8761	0.746062	0.845711	-1.18244	0.308675	0.580781	-1.72182	0.606487	0.764935	-1.3073	0.0719992	0.354962	-2.8172	0.981413	1.01209	1.01209	0.549238	0.731595	-1.36688	2.21565	9.3334	3.74443	1
cg09652933	TMED2	0.138191	0.079715	0.63389	-1.57756	0.537569	1.15758	1.15758	0.0624486	1.63486	1.63486	0.605883	1.12976	1.12976	0.431683	0.828512	-1.20698	0.928461	1.02127	1.02127	0.0326638	0.55656	-1.79675	0.235531	0.747199	-1.33833	0.821093	1.05453	1.05453	2.21565	1.92831	0.773612	1
cg02124514	LOC389332	0.138193	0.35913	0.884924	-1.13004	0.150425	1.22122	1.22122	0.941273	1.0096	1.0096	0.0211441	1.43253	1.43253	0.118583	1.24567	1.24567	0.986989	0.997888	-1.00212	0.81875	0.970678	-1.03021	0.0606797	1.31548	1.31548	0.131494	1.23504	1.23504	2.21564	0.589906	0.236664	1
cg01973987	TRIM63	0.138193	0.104983	0.316535	-3.15921	0.0622876	0.255996	-3.90632	0.408667	0.577693	-1.73102	0.51076	0.648475	-1.54208	0.101126	0.311711	-3.2081	0.10521	0.316817	-3.1564	0.0209074	0.164534	-6.07777	0.0465714	0.227666	-4.39241	0.876244	0.903761	-1.10649	2.21563	14.7941	5.93526	1
cg08114842	COLEC10	0.138194	0.131789	1.71499	1.71499	0.154819	0.603566	-1.65682	0.0848437	0.531583	-1.88117	0.356652	1.36938	1.36938	0.0338483	0.439768	-2.27393	0.778291	1.09811	1.09811	0.491937	1.26042	1.26042	0.812189	1.08212	1.08212	0.297	0.698711	-1.43121	2.21562	3.85812	1.54784	1
cg23703963	CRIP1;CRIP1	0.138195	0.0267675	20.0617	20.0617	0.058247	11.5408	11.5408	0.158223	5.60671	5.60671	0.154761	5.69979	5.69979	0.223118	4.31855	4.31855	0.0590893	11.4237	11.4237	0.761482	1.41611	1.41611	0.352245	2.98616	2.98616	0.0359018	16.272	16.272	2.21562	45.8288	18.3861	1
cg12419052	ZIC1	0.138195	0.382481	1.81597	1.81597	0.03048	5.44074	5.44074	0.581503	1.44895	1.44895	0.47851	1.61602	1.61602	0.412799	1.74677	1.74677	0.230434	0.432533	-2.31196	0.370805	0.542169	-1.84444	0.0204408	6.42963	6.42963	0.924886	1.06483	1.06483	2.21561	15.5711	6.24702	1
cg00956252	CLEC16A	0.138197	0.96917	1.00651	1.00651	0.693302	0.93563	-1.0688	0.184218	0.789431	-1.26674	0.043993	0.678061	-1.47479	0.174032	0.784468	-1.27475	0.581658	1.09791	1.09791	0.0320389	1.52444	1.52444	0.49168	0.889375	-1.12439	0.299315	0.834798	-1.19789	2.21561	0.988737	0.396676	1
cg11739512	NBPF3	0.138197	0.977622	1.00683	1.00683	0.00860956	0.443446	-2.25507	0.680645	0.904432	-1.10567	0.845044	0.953617	-1.04864	0.0284402	0.533821	-1.87329	0.251122	0.747493	-1.33781	0.542876	0.861147	-1.16124	0.540154	1.16244	1.16244	0.526602	0.855795	-1.1685	2.21561	2.06717	0.829339	1
cg19454262	PIGG;PIGG	0.138201	0.751692	0.945026	-1.05817	0.00958825	0.557557	-1.79354	0.0586994	0.683605	-1.46283	0.362481	0.846435	-1.18143	0.97856	0.995225	-1.0048	0.894207	1.02398	1.02398	0.898696	1.02295	1.02295	0.542974	0.89612	-1.11592	0.0512644	0.673438	-1.48492	2.21557	1.11335	0.446676	1
cg08478539	ITGA11	0.138207	0.489345	1.18809	1.18809	0.0809085	0.621916	-1.60793	0.947584	0.983996	-1.01626	0.282084	0.760099	-1.31562	0.495697	1.18501	1.18501	0.773895	0.931755	-1.07324	0.00988448	2.2254	2.2254	0.638033	1.12331	1.12331	0.790217	0.936665	-1.06762	2.21553	2.11305	0.847774	1
cg13535718	VAV2;VAV2	0.138207	0.2325	0.438426	-2.28089	0.0267825	5.62891	5.62891	0.315772	1.98	1.98	0.750152	1.23417	1.23417	0.0288094	0.183074	-5.46226	0.541864	0.665867	-1.5018	0.861545	0.891396	-1.12184	0.648179	0.738931	-1.35331	0.906955	1.08005	1.08005	2.21553	15.2189	6.10594	1
cg23638849	SHANK2;SHANK2	0.138209	0.0938196	0.463811	-2.15605	0.592358	0.798231	-1.25277	0.248166	0.604483	-1.65431	0.437554	0.71878	-1.39125	0.00881564	0.248953	-4.01682	0.654149	0.828591	-1.20687	0.100397	0.472143	-2.118	0.795151	0.89719	-1.11459	0.0477414	0.389103	-2.57001	2.21551	6.10055	2.44761	1
cg03657350	FAM71C;ANKS1B	0.138213	0.244855	0.674865	-1.48178	0.498605	0.800867	-1.24865	0.0689813	0.517979	-1.93058	0.236539	0.669706	-1.49319	0.0049999	0.300963	-3.32267	0.363379	0.739366	-1.35251	0.604208	0.844475	-1.18417	0.837892	1.06846	1.06846	0.267156	0.688193	-1.45308	2.21549	3.66648	1.47105	1
cg08734703	ODZ4	0.138213	0.0636161	0.409183	-2.4439	0.900123	0.947619	-1.05528	0.363652	0.670298	-1.49187	0.587392	0.790758	-1.26461	0.0122437	0.262577	-3.80841	0.208512	0.566582	-1.76497	0.798943	0.896399	-1.11557	0.0479782	0.379577	-2.63451	0.0984406	0.459992	-2.17395	2.21548	6.44254	2.58486	1
cg21151335	GPR63;GPR63	0.138218	?	?	?	0.312849	0.495834	-2.0168	0.0986738	4.68053	4.68053	?	?	?	?	?	?	0.0979804	0.212296	-4.71039	0.623084	1.35232	1.35232	?	?	?	?	?	?	6.47564	11.1219	0.858752	1
cg25643644	CD3D;CD3D	0.138226	0.236547	0.535866	-1.86614	0.249288	0.545685	-1.83256	0.0872828	0.386866	-2.58487	0.971572	1.01809	1.01809	0.970821	1.01857	1.01857	0.104461	0.409524	-2.44186	0.00782883	0.17962	-5.56732	0.163565	0.473348	-2.11261	0.239832	0.538422	-1.85728	2.21539	8.87828	3.56226	1
cg18210226	CLVS2;CLVS2	0.138227	0.900828	0.974916	-1.02573	0.292127	0.800337	-1.24947	0.353751	0.823313	-1.2146	0.133844	0.719314	-1.39021	0.626122	1.10522	1.10522	0.0459172	0.627374	-1.59395	0.00956706	0.512433	-1.95148	0.551298	0.884413	-1.13069	0.72057	1.07593	1.07593	2.21538	1.45685	0.584542	1
cg19380808	PLIN5	0.138231	0.366492	1.16069	1.16069	0.0280647	1.51699	1.51699	0.0558973	0.706184	-1.41606	0.371089	0.862847	-1.15895	0.207904	0.807929	-1.23773	0.335339	1.17302	1.17302	0.661884	0.931759	-1.07324	0.499499	0.895742	-1.11639	0.57061	1.09643	1.09643	2.21535	0.905207	0.363205	1
cg17352540	GSX1	0.138233	0.202225	0.701264	-1.426	0.703478	0.904121	-1.10605	0.0899801	0.611065	-1.63649	0.04134	0.537831	-1.85932	0.216448	1.4089	1.4089	0.194805	0.696659	-1.43542	0.198331	0.698862	-1.4309	0.520424	1.18733	1.18733	0.219604	1.40527	1.40527	2.21534	2.43728	0.977941	1
cg13974409	SCYL1;SCYL1	0.138233	0.587981	0.849254	-1.1775	0.917525	1.03143	1.03143	0.133966	0.617054	-1.6206	0.151976	1.58163	1.58163	0.866203	0.950875	-1.05166	0.448443	0.793929	-1.25956	0.0120335	2.54862	2.54862	0.57561	0.84455	-1.18406	0.3149	1.36402	1.36402	2.21533	3.1308	1.25622	1
cg11086428	PTPRG	0.138234	0.728767	1.11409	1.11409	0.00654672	0.334107	-2.99306	0.385204	0.758584	-1.31825	0.711184	0.890985	-1.12235	0.131603	0.603408	-1.65725	0.976643	1.00913	1.00913	0.818842	1.0738	1.0738	0.989199	0.995808	-1.00421	0.0718638	0.535977	-1.86575	2.21532	3.37958	1.35604	1
cg24477227	RNF160	0.138235	0.156903	0.783201	-1.27681	0.12781	1.3044	1.3044	0.449358	0.883004	-1.1325	0.814351	0.962745	-1.0387	0.193598	1.2486	1.2486	0.929832	1.01432	1.01432	0.03909	0.680159	-1.47024	0.104155	1.3321	1.3321	0.49923	1.11707	1.11707	2.21532	0.914048	0.366758	1
cg16985652	NR0B2	0.138241	0.0686741	0.226131	-4.42222	0.213104	0.384208	-2.60275	0.834621	1.16476	1.16476	0.328912	0.479451	-2.08572	0.0523317	0.199904	-5.0024	0.190307	0.363542	-2.75072	0.0251309	0.143245	-6.98106	0.0412371	0.17945	-5.57259	0.322317	0.474325	-2.10826	2.21527	18.6732	7.49269	1
cg04001880	POLG;POLG	0.138244	0.572241	0.713616	-1.40131	0.930984	1.05255	1.05255	0.0669215	0.296909	-3.36803	0.62647	1.33641	1.33641	0.149367	0.400901	-2.49438	0.7518	1.20634	1.20634	0.00675638	0.125436	-7.97221	0.443412	0.630016	-1.58726	0.705508	0.798946	-1.25165	2.21525	12.2642	4.9211	1
cg18748332	ATF7;ATF7;ATF7;ATF7	0.138244	0.0154441	0.511642	-1.95449	0.140782	1.42943	1.42943	0.541501	1.14956	1.14956	0.36414	0.810335	-1.23406	0.942671	0.983912	-1.01635	0.377176	0.815172	-1.22673	0.210049	0.742384	-1.34701	0.883092	1.03374	1.03374	0.182438	1.37589	1.37589	2.21525	1.78428	0.715959	1
cg21419428	SIK2	0.138247	0.939938	1.01111	1.01111	0.673733	1.06405	1.06405	0.445006	0.892133	-1.12091	0.459448	0.895458	-1.11675	0.554639	1.09156	1.09156	0.752301	1.04751	1.04751	0.0175861	0.654752	-1.52729	0.440667	1.12218	1.12218	0.0344937	1.43545	1.43545	2.21523	0.753994	0.302549	1
cg05553342	DECR2	0.138249	0.128996	1.28188	1.28188	0.0465112	0.708129	-1.41217	0.214442	0.8205	-1.21877	0.6036	1.08252	1.08252	0.501743	1.10872	1.10872	0.89461	1.02027	1.02027	0.0618568	1.37481	1.37481	0.202317	0.81565	-1.22602	0.602846	0.923613	-1.08271	2.21521	0.803924	0.322587	1
cg11279404	TRIM13;TRIM13;TRIM13;TRIM13;DLEU2	0.13825	0.561946	1.28703	1.28703	0.193199	1.80858	1.80858	0.508736	1.33439	1.33439	0.892448	1.05994	1.05994	0.542751	0.767107	-1.3036	0.210372	0.566662	-1.76472	0.0540898	0.390312	-2.56205	0.709283	0.851156	-1.17487	0.0178745	0.289756	-3.45118	2.21521	6.49703	2.60704	1
cg06701627	PTPRS;PTPRS;PTPRS;PTPRS	0.138251	0.278391	1.38709	1.38709	0.712837	0.898751	-1.11266	0.470744	0.808728	-1.23651	0.676498	0.88586	-1.12885	0.226188	1.447	1.447	0.118492	0.609358	-1.64107	0.0322047	2.10071	2.10071	0.567522	1.18179	1.18179	0.0549579	1.89759	1.89759	2.33457	3.0143	1.00423	1
cg27124109	LOC400027	0.138255	0.876949	0.963019	-1.0384	0.593261	0.877119	-1.1401	0.142491	0.681545	-1.46725	0.997639	1.00072	1.00072	0.437824	1.21224	1.21224	0.0601713	0.597154	-1.67461	0.0283098	0.532787	-1.87692	0.134219	1.48107	1.48107	0.244041	0.743485	-1.34502	2.21517	2.07495	0.832622	1
cg10525574	MIR492	0.138256	0.291014	0.755604	-1.32344	0.620426	1.13619	1.13619	0.0983127	1.58995	1.58995	0.203735	1.40928	1.40928	0.634605	0.884752	-1.13026	0.0731669	0.599855	-1.66707	0.0350534	1.87399	1.87399	0.931255	0.978175	-1.02231	0.608684	0.876288	-1.14118	2.21516	2.29481	0.920848	1
cg13449295	HIST3H2A	0.138256	0.264487	0.708338	-1.41176	0.379365	0.765379	-1.30654	0.809775	1.07412	1.07412	0.16561	0.645047	-1.55027	0.0468483	0.509323	-1.96339	0.149209	1.58183	1.58183	0.0345836	0.481616	-2.07634	0.438744	1.26385	1.26385	0.984306	0.994185	-1.00585	2.21516	3.08415	1.23759	1
cg07091548	IGSF21	0.138258	0.498744	0.807627	-1.2382	0.536139	0.822906	-1.21521	0.274527	1.42437	1.42437	0.844972	1.0628	1.0628	0.0335067	2.16578	2.16578	0.108637	1.72366	1.72366	0.024279	2.30583	2.30583	0.697995	0.885754	-1.12898	0.687466	0.881771	-1.13408	2.21514	3.39594	1.36272	1
cg06889272	RPN2;RPN2	0.138264	0.187629	0.584378	-1.71122	0.0619951	2.24443	2.24443	0.155799	1.79358	1.79358	0.273563	1.55013	1.55013	0.129933	0.532951	-1.87635	0.471384	1.32558	1.32558	0.19666	0.591457	-1.69074	0.472754	1.32439	1.32439	0.273044	0.644776	-1.55093	2.2151	5.19218	2.08355	1
cg24097460	AGBL3	0.138264	0.36997	0.882021	-1.13376	0.306602	0.865606	-1.15526	0.869541	1.02267	1.02267	0.185304	0.825692	-1.21111	0.287636	0.860246	-1.16246	0.501489	0.911173	-1.09749	0.276971	1.1667	1.1667	0.221332	1.19159	1.19159	0.0179207	1.48034	1.48034	2.2151	0.652266	0.261745	1
cg14483935	TUBA1B	0.138267	0.0264211	0.235547	-4.24544	0.0709873	0.330224	-3.02825	0.800101	0.869905	-1.14955	0.357272	0.594495	-1.6821	0.092569	0.361779	-2.76412	0.76584	0.848696	-1.17828	0.0154153	0.195363	-5.11867	0.456615	0.659389	-1.51656	0.669135	0.789679	-1.26634	2.21508	10.5848	4.24755	1
cg17226575	OSGIN2;OSGIN2;OSGIN2	0.138267	0.108745	0.80037	-1.24942	0.624024	1.06491	1.06491	0.845174	0.975419	-1.0252	0.493402	0.915265	-1.09258	0.462081	0.909101	-1.09999	0.579805	1.07379	1.07379	0.0224371	0.706004	-1.41642	0.959957	1.00641	1.00641	0.0481977	1.33298	1.33298	2.21508	0.568478	0.228124	1
cg13639536	GYG1	0.138267	0.920451	0.954458	-1.04771	0.191266	1.90721	1.90721	0.195773	0.528137	-1.89345	0.176763	0.511699	-1.95427	0.0321919	0.31016	-3.22414	0.112174	0.446157	-2.24137	0.539041	0.748112	-1.3367	0.523704	1.35194	1.35194	0.0650158	0.380303	-2.62948	2.21508	7.63871	3.06533	1
cg21343189	LDB3;LDB3;LDB3;LDB3;LDB3;LDB3;LDB3	0.138267	0.1452	1.89141	1.89141	0.42018	1.39869	1.39869	0.682488	1.18243	1.18243	0.259168	1.61543	1.61543	0.10995	2.03369	2.03369	0.158728	1.84735	1.84735	0.0122905	3.56234	3.56234	0.0596291	2.37744	2.37744	0.0617565	2.35643	2.35643	2.21508	5.82312	2.33676	1
cg05508355	SRGAP1	0.138268	0.382678	0.860414	-1.16223	0.00563224	0.543234	-1.84083	0.948442	1.01092	1.01092	0.605359	0.916188	-1.09148	0.184365	0.789419	-1.26675	0.488554	0.888551	-1.12543	0.190131	1.26241	1.26241	0.424436	0.871979	-1.14682	0.627767	0.921223	-1.08551	2.21507	0.989364	0.397023	1
cg00543493	TSPY4	0.138268	0.912615	1.11194	1.11194	0.215808	3.52234	3.52234	0.56934	1.74345	1.74345	0.107461	0.183029	-5.4636	0.00756558	0.0361178	-27.6872	0.935719	1.08109	1.08109	0.637017	1.58316	1.58316	0.914579	1.10928	1.10928	0.689538	0.678323	-1.47422	2.21507	32.7752	13.1524	1
cg02281514	PECR;TMEM169;TMEM169;TMEM169;TMEM169	0.138269	0.842012	1.04006	1.04006	0.93211	0.983371	-1.01691	0.936651	1.01577	1.01577	0.701208	1.07883	1.07883	0.835894	1.04167	1.04167	0.274232	0.799392	-1.25095	0.0314848	0.608676	-1.64291	0.0454489	1.57072	1.57072	0.0793858	1.46703	1.46703	2.21507	1.35879	0.545271	1
cg10549156	C7orf51	0.13827	0.0549403	0.407526	-2.45383	0.240966	1.64848	1.64848	0.295165	1.55494	1.55494	0.851548	1.07871	1.07871	0.904093	0.952425	-1.04995	0.140266	0.522642	-1.91336	0.429919	0.721218	-1.38654	0.0906092	2.14977	2.14977	0.116102	2.01276	2.01276	2.33441	5.91752	1.97159	1
cg18315834	MTHFD1	0.138272	0.105111	0.30166	-3.31499	0.131061	0.331759	-3.01423	0.140112	0.341547	-2.92785	0.839577	0.871817	-1.14703	0.0579515	0.234432	-4.26562	0.242706	0.437182	-2.28738	0.0121041	0.120391	-8.3063	0.794043	1.19371	1.19371	0.261799	0.452971	-2.20765	2.21504	16.0678	6.44797	1
cg10533624	TEAD4;TEAD4;TEAD4	0.138276	0.075121	0.571449	-1.74994	0.176319	1.50065	1.50065	0.927777	1.02593	1.02593	0.873165	0.955893	-1.04614	0.0324147	0.493043	-2.02822	0.672324	0.886812	-1.12764	0.584996	1.16849	1.16849	0.074304	1.75331	1.75331	0.712701	1.11008	1.11008	2.21501	2.79682	1.12237	1
cg18881377	C12orf62	0.138277	0.15441	2.03917	2.03917	0.209744	1.85501	1.85501	0.770964	1.14619	1.14619	0.122696	2.18535	2.18535	0.256498	1.73951	1.73951	0.168602	0.50374	-1.98515	0.0422157	0.33493	-2.9857	0.372794	0.652021	-1.53369	0.770104	0.871994	-1.1468	2.215	7.66451	3.0758	1
cg15626701	ANKHD1-EIF4EBP3;ANKHD1	0.138284	0.974145	1.00692	1.00692	0.0770407	0.658076	-1.51958	0.31349	0.801022	-1.24841	0.923401	0.97974	-1.02068	0.610081	1.11568	1.11568	0.525423	0.872014	-1.14677	0.142655	1.39845	1.39845	0.0129071	0.51844	-1.92886	0.327235	0.806341	-1.24017	2.21496	1.58898	0.637679	1
cg09388080	TBC1D16	0.138286	0.952737	1.01616	1.01616	0.0522235	1.8171	1.8171	0.0272946	0.493384	-2.02682	0.979956	0.993228	-1.00682	0.112339	0.626514	-1.59613	0.287815	0.741931	-1.34783	0.274874	0.735442	-1.35973	0.509684	1.1983	1.1983	0.812628	0.937791	-1.06634	2.21494	2.56649	1.02997	1
cg21610836	LOC285780	0.138287	0.00801522	0.678103	-1.4747	0.373709	1.11005	1.11005	0.151755	1.19194	1.19194	0.681577	0.953926	-1.0483	0.359299	1.11379	1.11379	0.368044	0.899684	-1.1115	0.696047	0.956105	-1.04591	0.742914	1.03835	1.03835	0.740458	0.962707	-1.03874	2.21493	0.458563	0.184029	1
cg09238801	PNMA1;PNMA1	0.138287	0.0422197	0.204434	-4.89156	0.123327	0.322254	-3.10315	0.312257	0.492069	-2.03223	0.522358	1.55248	1.55248	0.115559	0.313313	-3.19169	0.911246	1.07858	1.07858	0.0169857	0.138794	-7.2049	0.200663	0.39974	-2.50163	0.426132	0.576208	-1.73548	2.21493	16.1444	6.47902	1
cg09434534	C3orf30;IGSF11;C3orf30	0.138292	0.714555	0.842035	-1.1876	0.173067	0.507331	-1.9711	0.132048	0.46728	-2.14005	0.0274056	0.294842	-3.39165	0.0634374	0.37647	-2.65625	0.364942	0.646793	-1.54609	0.636716	1.24942	1.24942	0.527596	0.741142	-1.34927	0.0243758	0.284881	-3.51023	2.2149	7.68508	3.0842	1
cg22163445	RPL31;RPL31;RPL31	0.138293	0.84824	0.951446	-1.05103	0.290422	1.32982	1.32982	0.513928	1.18764	1.18764	0.13688	1.51634	1.51634	0.421973	1.23751	1.23751	0.438378	1.22796	1.22796	0.00885934	0.420832	-2.37625	0.727415	1.09517	1.09517	0.521984	1.18365	1.18365	2.21489	2.36763	0.95019	1
cg18464649	NKX2-2	0.138293	0.24436	0.543195	-1.84096	0.0219048	0.252085	-3.96692	0.0312957	0.281966	-3.54652	0.555892	1.34783	1.34783	0.0929187	0.396004	-2.52523	0.411976	0.65682	-1.52249	0.744809	1.17781	1.17781	0.582886	1.32038	1.32038	0.777513	0.867663	-1.15252	2.21488	8.80815	3.53493	1
cg25714774	TTC15	0.138296	0.0744533	0.30949	-3.23112	0.218321	0.465738	-2.14713	0.333162	0.55482	-1.80239	0.75311	0.830097	-1.20468	0.0124868	0.15975	-6.25976	0.0986197	0.343421	-2.91188	0.118609	0.367964	-2.71766	0.998568	1.00106	1.00106	0.0724075	0.306331	-3.26444	2.21486	12.2163	4.90278	1
cg25325322	C2orf89	0.138298	0.075431	0.263311	-3.7978	0.72931	0.791197	-1.26391	0.0533805	0.227751	-4.39076	0.445326	0.591821	-1.6897	0.0595005	0.238344	-4.19561	0.0893268	0.28279	-3.53619	0.0285968	0.175296	-5.70463	0.407832	0.565063	-1.76971	0.071711	0.257767	-3.87947	2.21485	15.9449	6.3992	1
cg05856387	TLX2	0.138302	0.219826	0.665801	-1.50195	0.321153	1.38148	1.38148	0.961247	0.984798	-1.01544	0.0134697	2.62345	2.62345	0.153444	0.617612	-1.61914	0.840612	0.938489	-1.06554	0.459244	1.26818	1.26818	0.195096	1.54043	1.54043	0.574546	0.836255	-1.19581	2.21482	3.48666	1.39933	1
cg04848682	C14orf4	0.138303	0.522756	1.35168	1.35168	0.883378	0.933992	-1.07067	0.0116434	4.3361	4.3361	0.0220354	3.58811	3.58811	0.224195	1.81126	1.81126	0.319856	1.61321	1.61321	0.629647	1.25365	1.25365	0.907367	1.05565	1.05565	0.133141	2.12499	2.12499	2.21481	7.5922	3.04705	1
cg09568001	HS3ST5	0.138304	0.77984	0.856309	-1.1678	0.0266623	0.233642	-4.28005	0.059948	0.308861	-3.2377	0.565395	1.37945	1.37945	0.0733159	0.331053	-3.02067	0.123014	0.396554	-2.52173	0.161947	0.437504	-2.28569	0.528427	1.42413	1.42413	0.935685	1.04569	1.04569	2.2148	10.7491	4.31403	1
cg05902740	RGAG1	0.138304	0.583669	1.36811	1.36811	0.164291	0.431544	-2.31726	0.349149	0.579364	-1.72603	0.0367112	0.252979	-3.9529	0.0264799	0.225398	-4.4366	0.152758	2.38039	2.38039	0.829923	0.885307	-1.12955	0.948757	0.964256	-1.03707	0.983363	1.01188	1.01188	2.2148	11.2499	4.51505	1
cg24156006	NBPF11;LOC200030	0.138305	0.804731	0.911963	-1.09654	0.23238	0.627549	-1.5935	0.479128	0.765163	-1.30691	0.879338	1.05814	1.05814	0.00629567	0.266093	-3.75808	0.660635	0.848432	-1.17864	0.7169	1.14508	1.14508	0.132294	1.82996	1.82996	0.955213	0.979322	-1.02111	2.2148	4.85503	1.94853	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27365426	ARHGAP15	0.138309	0.0445864	0.532814	-1.87683	0.969449	1.01051	1.01051	0.765231	0.921498	-1.08519	0.119163	0.630225	-1.58674	0.420903	0.798941	-1.25166	0.516123	0.83549	-1.1969	0.0583896	1.79294	1.79294	0.878192	0.958996	-1.04276	0.0527886	0.548286	-1.82387	2.21476	2.61413	1.04917	1
cg03723270	MYO3B;MYO3B;MYO3B	0.138312	0.0704108	0.457624	-2.1852	0.0314422	0.377012	-2.65244	0.201653	0.593801	-1.68407	0.175174	0.572722	-1.74605	0.219434	0.607014	-1.64741	0.10548	0.504756	-1.98116	0.0195845	0.336102	-2.97529	0.124987	0.526258	-1.90021	0.443388	0.739274	-1.35268	2.21474	5.24144	2.10365	1
cg05032150	ACSF3;ACSF3;ACSF3	0.138316	0.982994	0.993776	-1.00626	0.0393729	0.497489	-2.01009	0.538193	1.20029	1.20029	0.0177499	0.429774	-2.3268	0.604194	0.857969	-1.16554	0.0853436	0.57284	-1.74569	0.247873	0.701963	-1.42458	0.199674	0.672403	-1.4872	0.168343	0.650501	-1.53728	2.21471	3.00974	1.20798	1
cg24490542	CSMD2	0.138317	0.230481	0.775018	-1.29029	0.310197	0.808363	-1.23707	0.558155	0.886938	-1.12747	0.610249	0.901091	-1.10977	0.0921359	0.686874	-1.45587	0.019545	0.564557	-1.7713	0.0162729	0.551409	-1.81354	0.259405	0.787913	-1.26918	0.797893	1.05336	1.05336	2.21471	1.43974	0.577848	1
cg24663315	SLC16A2	0.138321	0.0463015	0.22929	-4.36129	0.202438	0.419699	-2.38266	0.611279	1.39192	1.39192	0.159009	2.64102	2.64102	0.987335	1.01029	1.01029	0.233403	0.446612	-2.23908	0.0328008	0.199678	-5.00807	0.242016	0.45383	-2.20347	0.272136	0.47832	-2.09065	2.21468	14.5998	5.8598	1
cg16031065	MTSS1L	0.138324	0.441932	0.63276	-1.58038	0.0484858	0.268272	-3.72756	0.436253	1.5898	1.5898	0.896729	0.927004	-1.07874	0.574586	0.718179	-1.39241	0.122594	0.376601	-2.65533	0.00989536	0.149225	-6.70131	0.213438	0.46546	-2.14841	0.665257	0.775621	-1.28929	2.21466	11.9504	4.79648	1
cg23486179	NICN1	0.138328	0.64525	1.1012	1.1012	0.195324	0.752152	-1.32952	0.48661	1.15835	1.15835	0.189586	0.749052	-1.33502	0.133175	0.713992	-1.40058	0.84234	0.959434	-1.04228	0.0101193	0.509324	-1.96339	0.513232	1.14784	1.14784	0.570041	1.12678	1.12678	2.21462	1.51671	0.608767	1
cg17217490	GATC;TRIAP1	0.13833	0.113452	0.78703	-1.2706	0.11296	1.27109	1.27109	0.0467251	1.37247	1.37247	0.76295	1.04296	1.04296	0.904231	1.01688	1.01688	0.553404	0.92002	-1.08693	0.0887369	0.770237	-1.2983	0.535727	1.09111	1.09111	0.229844	1.19146	1.19146	2.21461	0.678074	0.272163	1
cg04251733	MYCN;MYCNOS	0.138331	0.738133	0.925187	-1.08086	0.219492	0.741381	-1.34883	0.213614	0.738233	-1.35459	0.389656	1.22666	1.22666	0.465046	1.18805	1.18805	0.101896	1.51429	1.51429	0.0158128	0.504005	-1.98411	0.591741	0.882085	-1.13368	0.685459	1.09896	1.09896	2.2146	1.88377	0.756102	1
cg25253727	C20orf152	0.138332	0.103785	0.389825	-2.56525	0.387708	0.625714	-1.59817	0.168846	0.46007	-2.17358	0.914558	0.944748	-1.05848	0.0181273	0.218781	-4.57078	0.69216	0.809981	-1.2346	0.21346	0.49968	-2.00128	0.114645	2.48095	2.48095	0.680079	1.24556	1.24556	2.21459	9.83673	3.94825	1
cg13714344	LEPREL2	0.138333	0.415201	0.708788	-1.41086	0.855064	0.927216	-1.0785	0.256375	1.63171	1.63171	0.751718	0.877063	-1.14017	0.311984	0.64903	-1.54076	0.296242	1.56458	1.56458	0.00720016	0.238448	-4.19379	0.214606	0.582781	-1.71591	0.670902	0.838077	-1.19321	2.21458	5.99093	2.40464	1
cg18586780	SH3BP4	0.138333	0.215047	0.82699	-1.2092	0.0606969	1.36043	1.36043	0.418039	1.12801	1.12801	0.53221	0.91202	-1.09647	0.254625	0.841023	-1.18903	0.366035	1.14474	1.14474	0.101346	1.29838	1.29838	0.66619	1.06521	1.06521	0.0741107	0.748488	-1.33603	2.21458	0.743116	0.298271	1
cg18845001	DRD2;DRD2	0.138335	0.0194767	0.588022	-1.70062	0.813474	0.956532	-1.04544	0.927784	0.9831	-1.01719	0.359725	1.19369	1.19369	0.0931134	1.41528	1.41528	0.413902	1.17005	1.17005	0.0681559	1.46819	1.46819	0.96369	1.0086	1.0086	0.98616	0.996744	-1.00327	2.21457	1.23991	0.497678	1
cg07435894	PON2;PON2	0.138335	0.946159	0.946215	-1.05684	0.25601	0.378846	-2.63959	0.853641	0.859702	-1.16319	0.13052	3.80665	3.80665	?	?	?	0.919066	0.920167	-1.08676	?	?	?	0.0190687	10.2042	10.2042	?	?	?	2.28673	16.1795	9.43386	1
cg00901652	CTR9	0.138338	0.479649	0.850829	-1.17532	0.248954	0.762688	-1.31115	0.751164	0.930979	-1.07414	0.800474	1.05858	1.05858	0.553389	1.14429	1.14429	0.145435	1.4211	1.4211	0.528711	0.866337	-1.15428	0.573736	1.13631	1.13631	0.00743528	2.17059	2.17059	2.21455	1.77257	0.711483	1
cg19486070	KIAA1908;KIAA1908;KIAA1908	0.138338	0.332413	0.523188	-1.91136	0.306155	0.503374	-1.9866	0.173659	0.391479	-2.55442	0.153283	2.69314	2.69314	0.0799507	0.284013	-3.52096	0.533697	0.664728	-1.50437	0.0819898	0.286928	-3.4852	0.383606	0.560563	-1.78392	0.0968531	3.2568	3.2568	2.21455	14.7216	5.90904	1
cg19927328	OCA2	0.138343	0.144851	0.743705	-1.34462	0.0106285	1.8358	1.8358	0.619744	1.09921	1.09921	0.31326	1.21803	1.21803	0.733573	1.06674	1.06674	0.916631	0.980394	-1.02	0.551907	1.12054	1.12054	0.779713	1.05445	1.05445	0.136156	0.73811	-1.35481	2.21451	1.25421	0.503431	1
cg27110491	UPP1;UPP1	0.138344	0.313948	1.58231	1.58231	0.559124	1.29731	1.29731	0.581031	1.27841	1.27841	0.294092	1.6153	1.6153	0.0144496	0.264968	-3.77404	0.676705	1.20294	1.20294	0.801322	0.894846	-1.11751	0.892001	0.941898	-1.06169	0.0541218	0.381678	-2.62001	2.2145	6.80978	2.73341	1
cg07152487	PDE3B;PSMA1;PDE3B	0.138348	0.454015	0.909413	-1.09961	0.0998264	1.25173	1.25173	0.775048	0.964956	-1.03632	0.360926	0.889649	-1.12404	0.719732	0.956132	-1.04588	0.338174	0.884332	-1.1308	0.0728184	1.28294	1.28294	0.503967	0.919037	-1.0881	0.0274572	1.38363	1.38363	2.21447	0.543628	0.218212	1
cg24670497	TMEM82	0.13835	0.83157	1.08314	1.08314	0.00561034	3.90992	3.90992	0.648587	1.18773	1.18773	0.396282	1.38505	1.38505	0.746907	0.885664	-1.1291	0.801608	0.909912	-1.09901	0.961037	0.981849	-1.01849	0.0837384	2.04964	2.04964	0.451609	0.75008	-1.33319	2.21446	4.93129	1.97943	1
cg07020338	ZFYVE19;DNAJC17	0.13835	0.878602	1.03602	1.03602	0.389073	1.22674	1.22674	0.139938	1.44441	1.44441	0.948772	1.01499	1.01499	0.357446	1.24498	1.24498	0.831444	0.951848	-1.05059	0.010425	0.473939	-2.10998	0.173624	0.715211	-1.39819	0.721241	1.08649	1.08649	2.21446	1.88002	0.754646	1
cg02010776	SMG1	0.13835	0.142522	0.775901	-1.28882	0.131722	1.29939	1.29939	0.0818684	1.36389	1.36389	0.965029	1.00708	1.00708	0.860003	1.02882	1.02882	0.587434	0.915599	-1.09218	0.0423324	0.686329	-1.45703	0.192849	1.24836	1.24836	0.533848	1.10674	1.10674	2.21446	0.908666	0.364741	1
cg05519002	TUB;TUB	0.138351	0.233954	0.467737	-2.13795	0.941245	1.04591	1.04591	0.121729	2.77758	2.77758	0.389629	1.71062	1.71062	0.0382057	0.23158	-4.31816	0.499701	0.65887	-1.51775	0.354686	0.559996	-1.78573	0.0645544	0.282413	-3.54092	0.145804	0.386367	-2.58821	2.21445	13.0058	5.22059	1
cg27062326	DOCK11	0.138353	0.0136587	0.104113	-9.60499	0.784979	0.816413	-1.22487	0.633093	0.699982	-1.42861	0.956615	0.960455	-1.04117	0.0567454	0.20202	-4.95	0.0642615	0.213946	-4.67407	?	?	?	0.157353	0.325792	-3.06945	0.588948	0.667231	-1.49873	2.23357	17.2966	7.74395	1
cg26882115	S100A1;S100A13	0.138355	0.117012	0.715461	-1.3977	0.914764	0.979167	-1.02128	0.109741	0.709749	-1.40895	0.783143	1.05575	1.05575	0.0113529	0.536194	-1.865	0.863869	1.03432	1.03432	0.195895	1.30858	1.30858	0.571487	0.893648	-1.11901	0.379851	0.837663	-1.1938	2.21442	1.35607	0.54434	1
cg24108508	FAM20B	0.138357	0.296626	0.865353	-1.1556	0.384052	1.12668	1.12668	0.17861	1.21043	1.21043	0.0213265	0.690899	-1.44739	0.0876606	0.77729	-1.28652	0.583608	0.928694	-1.07678	0.32182	1.14658	1.14658	0.379809	0.886564	-1.12795	0.42147	0.896061	-1.11599	2.21441	0.626373	0.251433	1
cg16079260	FLT4;FLT4	0.138359	0.0707501	0.391447	-2.55462	0.156128	2.0233	2.0233	0.675679	0.822476	-1.21584	0.447525	1.43272	1.43272	0.564876	0.763162	-1.31034	0.838357	1.09952	1.09952	0.0258299	0.29252	-3.41857	0.879001	0.931685	-1.07332	0.0778811	0.402499	-2.48448	2.21439	7.56652	3.03732	1
cg08296385	TMEM67;TMEM67;TMEM67	0.138363	0.290215	0.577733	-1.7309	0.0804731	0.379441	-2.63545	0.0449133	0.316502	-3.15954	0.148067	0.460452	-2.17178	0.15303	0.465403	-2.14868	0.665423	0.804559	-1.24292	0.0490709	0.325318	-3.07391	0.0192662	0.242928	-4.11644	0.379429	0.637194	-1.56938	2.21436	8.76131	3.51697	1
cg08692130	ARL5B	0.138364	0.711265	0.917515	-1.0899	0.511146	0.857009	-1.16685	0.974477	0.99262	-1.00744	0.770827	0.934607	-1.06997	0.0161372	0.505837	-1.97692	0.126184	0.681742	-1.46683	0.0123336	0.48604	-2.05745	0.450469	0.836912	-1.19487	0.886685	0.967526	-1.03356	2.21435	1.8801	0.754713	1
cg13491234	CALCA;CALCA;CALCA	0.138369	0.0476804	4.0284	4.0284	0.830668	1.14084	1.14084	0.194429	2.3271	2.3271	0.210725	2.25113	2.25113	0.994677	0.995904	-1.00411	0.186587	0.422539	-2.36665	0.11946	0.353599	-2.82806	0.0809108	3.28988	3.28988	0.372447	1.75665	1.75665	2.21432	13.277	5.32975	1
cg06177967	FAM46B	0.13837	0.955063	0.98324	-1.01705	0.0166046	2.40474	2.40474	0.102933	1.70766	1.70766	0.860711	0.948684	-1.05409	0.983222	1.00633	1.00633	0.551649	1.19799	1.19799	0.152865	1.58281	1.58281	0.187071	0.657418	-1.5211	0.267244	0.707038	-1.41435	2.21431	3.15509	1.26655	1
cg05185311	KCNG4	0.138371	0.977215	1.00493	1.00493	0.0374291	1.51528	1.51528	0.785735	0.954188	-1.04801	0.0583335	0.692004	-1.44508	0.272997	0.821736	-1.21694	0.917416	1.01801	1.01801	0.143448	1.3107	1.3107	0.21372	0.798266	-1.25272	0.323457	0.839034	-1.19185	2.2143	1.03863	0.416939	1
cg14085247	CACNA1A;CACNA1A	0.138378	0.565246	0.908511	-1.1007	0.165637	1.2764	1.2764	0.940897	1.01231	1.01231	0.383301	0.862814	-1.159	0.982369	0.996359	-1.00365	0.440223	1.13873	1.13873	0.0054778	1.82731	1.82731	0.55306	0.905706	-1.10411	0.592679	1.09322	1.09322	2.21425	0.955316	0.383502	1
cg24803290	HIVEP2;HIVEP2	0.138379	?	?	?	0.664205	1.64374	1.64374	0.403739	2.65932	2.65932	0.618761	1.77034	1.77034	0.559377	0.510235	-1.95988	0.675593	1.61412	1.61412	0.682636	1.5962	1.5962	0.00821704	0.0146949	-68.0508	0.339544	0.323104	-3.09498	2.51797	43.5117	12.9603	1
cg25954512	ZBTB22;TAPBP;TAPBP;TAPBP;ZBTB22	0.13838	0.287287	1.43581	1.43581	0.0828014	1.87556	1.87556	0.0180129	2.56203	2.56203	0.353466	1.36693	1.36693	0.405937	1.32096	1.32096	0.112285	1.76131	1.76131	0.0199172	2.50921	2.50921	0.709929	1.13012	1.13012	0.917375	1.03456	1.03456	2.21423	3.75885	1.50896	1
cg25611369	CCND1	0.138381	0.790853	0.894728	-1.11766	0.090705	0.458415	-2.18143	0.0361052	0.360588	-2.77325	0.109447	2.07586	2.07586	0.358126	1.48509	1.48509	0.340781	1.50807	1.50807	0.710032	1.16918	1.16918	0.252367	1.64933	1.64933	0.320701	1.53631	1.53631	2.21423	6.14183	2.4656	1
cg23526824	THRA;THRA	0.138385	0.632632	1.27416	1.27416	0.00476613	6.58795	6.58795	0.0580603	2.93798	2.93798	0.246583	1.83964	1.83964	0.814082	0.88824	-1.12582	0.307108	1.70216	1.70216	0.701804	1.21354	1.21354	0.56195	1.34312	1.34312	0.691546	1.22217	1.22217	2.2142	8.87544	3.56304	1
cg26055950	TP73	0.138387	0.0645423	6.73789	6.73789	0.301967	0.374369	-2.67116	0.675512	0.679234	-1.47225	0.306952	2.6425	2.6425	0.225977	3.21609	3.21609	0.873165	1.1581	1.1581	0.0691708	6.47613	6.47613	0.0454865	8.22743	8.22743	0.074145	6.22351	6.22351	2.21418	29.6018	11.8837	1
cg24936695	CLDN17	0.138391	0.138409	0.293199	-3.41065	0.0506796	0.180405	-5.54309	0.237751	0.38628	-2.5888	0.166495	0.321551	-3.10993	0.0227258	0.122801	-8.14327	0.557419	0.633599	-1.57829	0.0282503	0.13639	-7.33194	0.742288	0.775859	-1.28889	0.144	0.29902	-3.34426	2.21416	20.7431	8.32747	1
cg04699474	PIN1	0.138392	0.396677	0.901905	-1.10876	0.527835	1.07906	1.07906	0.305619	1.13449	1.13449	0.438687	1.09852	1.09852	0.209914	1.17021	1.17021	0.641255	1.05741	1.05741	0.0211313	0.71905	-1.39072	0.0810452	1.25874	1.25874	0.271648	1.14583	1.14583	2.21414	0.496232	0.199217	1
cg23350747	ARHGEF7;ARHGEF7;ARHGEF7	0.138393	0.0465876	0.512688	-1.95051	0.722282	0.900669	-1.11029	0.709508	0.896105	-1.11594	0.884959	0.958447	-1.04335	0.0123727	0.401371	-2.49146	0.519241	1.21111	1.21111	0.14716	0.633787	-1.57782	0.760211	1.09389	1.09389	0.402453	1.28556	1.28556	2.21414	3.01367	1.20987	1
cg23262918	OSBPL8;OSBPL8	0.138395	0.925026	0.985336	-1.01488	0.00632826	1.74708	1.74708	0.163273	1.26305	1.26305	0.79014	0.959003	-1.04275	0.956063	0.99139	-1.00868	0.508501	1.11101	1.11101	0.841426	1.03194	1.03194	0.805928	0.962105	-1.03939	0.0635111	1.38743	1.38743	2.21413	0.86372	0.346751	1
cg00020297	FAM8A1	0.138397	0.971836	0.975584	-1.02503	0.54074	1.54279	1.54279	0.0625028	4.33998	4.33998	0.0588404	0.224438	-4.45558	0.375724	0.529125	-1.88991	0.332084	0.496271	-2.01503	0.0763164	3.97785	3.97785	0.633308	1.40008	1.40008	0.192139	2.62922	2.62922	2.21411	17.1918	6.90191	1
cg04002957	CHID1;CHID1;CHID1;CHID1;CHID1	0.138399	0.929125	0.958118	-1.04371	0.0179355	3.98817	3.98817	0.0121529	4.49588	4.49588	0.804355	1.12678	1.12678	0.593351	0.771654	-1.29592	0.536643	1.35109	1.35109	0.767787	0.867272	-1.15304	0.984661	1.00929	1.00929	0.546835	1.34076	1.34076	2.2141	8.11071	3.25619	1
cg11415047	FARP1	0.138399	0.212986	0.380327	-2.62932	0.0113042	0.0964936	-10.3634	0.0606485	0.210346	-4.75408	0.681373	0.737641	-1.35567	0.113174	0.280634	-3.56337	0.272759	0.431128	-2.3195	0.0841791	0.244567	-4.08887	0.80807	1.19648	1.19648	0.888654	0.901898	-1.10877	2.21409	19.0507	7.64827	1
cg09378425	REPIN1;REPIN1;REPIN1;REPIN1	0.1384	0.941774	0.97619	-1.02439	0.636127	1.17026	1.17026	0.476151	1.27	1.27	0.0269149	2.37392	2.37392	0.308452	0.706269	-1.41589	0.81407	1.08082	1.08082	0.452255	0.776753	-1.28741	0.250033	1.48671	1.48671	0.0184116	2.56876	2.56876	2.21409	3.81638	1.53216	1
cg23036931	NDUFV3;NDUFV3;NDUFV3;NDUFV3	0.1384	0.745637	0.844243	-1.18449	0.8604	0.912532	-1.09585	0.871731	1.08765	1.08765	0.684104	0.808279	-1.2372	?	?	?	0.675178	1.24521	1.24521	0.00502604	0.132737	-7.5337	0.564222	1.35467	1.35467	0.623302	1.29394	1.29394	2.35129	8.75887	3.25949	1
cg25419317	RBMS1;RBMS1	0.1384	0.485925	0.878816	-1.13789	0.484202	0.878352	-1.1385	0.629612	0.915155	-1.09271	0.0089717	0.54535	-1.83369	0.461226	0.872091	-1.14667	0.730891	1.06502	1.06502	0.154723	1.32034	1.32034	0.369322	0.845169	-1.1832	0.0969773	0.717222	-1.39427	2.21409	1.16729	0.468632	1
cg16046465	FRMD5	0.138402	0.278346	0.850259	-1.17611	0.203345	1.21316	1.21316	0.0876982	1.31161	1.31161	0.407317	0.885167	-1.12973	0.303762	0.857889	-1.16565	0.0478935	0.722175	-1.3847	0.841837	0.971658	-1.02917	0.117481	1.27721	1.27721	0.574595	1.08504	1.08504	2.21407	0.726188	0.291545	1
cg21450627	PSD4;LOC440839	0.138404	0.422496	0.677832	-1.47529	0.763547	0.866588	-1.15395	0.0420837	0.329035	-3.03919	0.0409122	0.326308	-3.06459	0.029797	0.297125	-3.36558	0.751649	0.86012	-1.16263	0.315065	0.610759	-1.63731	0.4412	0.688836	-1.45172	0.0346991	0.310823	-3.21727	2.21406	7.89884	3.17119	1
cg00905858	TRIM26	0.138405	0.853947	0.968244	-1.0328	0.0906366	0.721463	-1.38607	0.0174814	0.602558	-1.65959	0.941151	0.987154	-1.01301	0.0243315	0.624994	-1.60002	0.501811	0.887472	-1.1268	0.14236	0.758673	-1.31809	0.814794	1.04195	1.04195	0.269311	0.817535	-1.22319	2.21405	1.07541	0.431752	1
cg16364085	TXNDC6	0.138405	0.0509691	0.289599	-3.45305	0.410158	0.625308	-1.59921	0.605803	0.748119	-1.33669	0.785479	1.16426	1.16426	0.00737031	0.145884	-6.85477	0.953074	1.03335	1.03335	0.137238	0.409716	-2.44072	0.99259	1.00519	1.00519	0.270318	0.527391	-1.89613	2.21405	10.896	4.37451	1
cg13525428	HS6ST1	0.138408	0.926359	1.02649	1.02649	0.116484	0.617321	-1.6199	0.781167	0.924265	-1.08194	0.825532	1.06443	1.06443	0.424578	0.79404	-1.25938	0.668717	1.12946	1.12946	0.00817206	0.383957	-2.60446	0.6038	1.15958	1.15958	0.0774764	0.574064	-1.74196	2.21403	2.80446	1.12593	1
cg14326743	ERP44	0.138415	0.28204	0.660547	-1.5139	0.273951	1.52545	1.52545	0.850102	0.932224	-1.0727	0.843413	0.929265	-1.07612	0.0219673	0.360804	-2.77159	0.477134	0.764803	-1.30753	0.0605253	0.456089	-2.19255	0.415189	1.36198	1.36198	0.0809527	0.487817	-2.04995	2.21398	4.8249	1.93715	1
cg08125959	BTBD12	0.138418	0.678778	1.20639	1.20639	0.970253	1.01694	1.01694	0.854935	1.08595	1.08595	0.321019	1.58717	1.58717	0.0164477	0.266935	-3.74623	0.46391	1.39917	1.39917	0.0576556	0.380167	-2.63042	0.201975	1.83494	1.83494	0.667882	0.823268	-1.21467	2.21395	7.11786	2.85778	1
cg03781315	AHCY;AHCY	0.138418	0.149581	0.693319	-1.44234	0.190369	1.38922	1.38922	0.833014	1.05132	1.05132	0.129843	0.678483	-1.47388	0.160605	0.700966	-1.4266	0.634018	0.89253	-1.12041	0.181583	1.39958	1.39958	0.39799	1.22771	1.22771	0.0450477	0.579732	-1.72493	2.21395	1.97046	0.791128	1
cg20133890	LY6G6E;LY6G6E	0.138419	0.135238	1.6993	1.6993	0.321125	1.40151	1.40151	0.0328588	0.439586	-2.27487	0.607158	0.843015	-1.18622	0.102617	0.555366	-1.80061	0.325746	0.715961	-1.39673	0.42766	1.30562	1.30562	0.553351	0.820821	-1.21829	0.132029	0.585496	-1.70795	2.21394	3.80213	1.52654	1
cg06480764	LARS	0.138421	0.0610675	0.737067	-1.35673	0.549098	1.09157	1.09157	0.546283	0.915535	-1.09226	0.204419	1.21355	1.21355	0.27304	0.848003	-1.17924	0.15664	1.2448	1.2448	0.0621721	0.738256	-1.35454	0.71278	0.947964	-1.05489	0.198986	1.21672	1.21672	2.21393	0.732422	0.294066	1
cg15390444	BNIP3	0.138423	0.187977	1.53449	1.53449	0.197918	1.51841	1.51841	0.0290293	2.20295	2.20295	0.0395946	2.07602	2.07602	0.199632	1.51573	1.51573	0.939016	0.97679	-1.02376	0.439785	1.27357	1.27357	0.762639	0.911225	-1.09742	0.0338055	2.13963	2.13963	2.21392	3.30287	1.32611	1
cg06671069	IFIT5	0.138424	0.123706	0.72519	-1.37895	0.402184	0.847696	-1.17967	0.271351	1.24693	1.24693	0.140817	0.736909	-1.35702	0.0878892	0.695584	-1.43764	0.257728	0.796431	-1.2556	0.0160789	0.566812	-1.76425	0.684525	1.0819	1.0819	0.764077	0.943641	-1.05972	2.21391	1.3023	0.522875	1
cg03132824	RGS12;RGS12;RGS12	0.138425	0.121793	0.1338	-7.47381	0.132762	0.14296	-6.99496	0.0669128	0.0851639	-11.7421	0.568618	0.501081	-1.99569	0.424769	0.37624	-2.65788	0.970732	0.956955	-1.04498	0.0198205	0.0342695	-29.1805	0.0273913	0.0437366	-22.8641	0.249413	0.236072	-4.236	2.2139	50.4263	20.2463	1
cg22022973	LOC641367;ZNF100	0.138427	0.622351	1.12287	1.12287	0.816755	1.05568	1.05568	0.842562	1.04752	1.04752	0.349398	1.25216	1.25216	0.689016	1.09846	1.09846	0.440621	0.832282	-1.20152	0.0283371	1.82988	1.82988	0.0405353	0.57569	-1.73705	0.141168	0.69113	-1.44691	2.21389	1.91081	0.767201	1
cg16316649	ACADL	0.138427	0.884529	0.9253	-1.08073	0.120329	0.406493	-2.46007	0.5651	0.732936	-1.36438	0.703125	0.815001	-1.22699	0.00503657	0.137811	-7.25632	0.996829	1.00213	1.00213	0.276287	0.546071	-1.83126	0.0878459	0.36551	-2.73591	0.951949	0.968318	-1.03272	2.21388	10.0077	4.01817	1
cg12889746	SDF2;SUPT6H	0.138428	0.84302	1.03541	1.03541	0.108466	1.35979	1.35979	0.389755	1.1673	1.1673	0.615758	0.915012	-1.09288	0.076345	1.41352	1.41352	0.123256	1.34052	1.34052	0.100767	0.729421	-1.37095	0.225224	0.799662	-1.25053	0.160088	1.3014	1.3014	2.21387	1.08022	0.433717	1
cg17718182	FAM36A	0.138429	0.148632	0.473956	-2.1099	0.0734459	2.61676	2.61676	0.245076	1.7968	1.7968	0.327027	1.6285	1.6285	0.0544359	0.34932	-2.86271	0.920358	1.04938	1.04938	0.188856	0.511237	-1.95604	0.35298	1.58506	1.58506	0.560203	0.752841	-1.3283	2.21387	8.14449	3.27009	1
cg23305440	TSPAN5	0.138432	0.941293	1.02482	1.02482	0.306852	0.703206	-1.42206	0.0643121	0.500643	-1.99743	0.637265	1.17127	1.17127	0.0312874	2.31857	2.31857	0.175004	1.61626	1.61626	0.250866	1.49083	1.49083	0.263695	0.678546	-1.47374	0.920578	0.96735	-1.03375	2.21385	3.88436	1.55962	1
cg12122057	MICAL2	0.138432	0.597232	1.2908	1.2908	0.0880513	2.46235	2.46235	0.0977199	2.38631	2.38631	0.522675	1.36361	1.36361	0.13868	0.466248	-2.14478	0.40485	1.5038	1.5038	0.0138826	4.28518	4.28518	0.584366	1.3027	1.3027	0.659082	1.23681	1.23681	2.21385	8.0347	3.22604	1
cg19269426	GGPS1;GGPS1;GGPS1	0.138434	0.0790648	0.304598	-3.28302	0.384435	0.580603	-1.72235	0.6375	1.33558	1.33558	0.0893133	3.13367	3.13367	0.0452663	0.246523	-4.05641	0.532214	1.47068	1.47068	0.822989	0.87232	-1.14637	0.130856	2.70354	2.70354	0.651284	0.757753	-1.31969	2.21384	13.0325	5.23274	1
cg25188828	NISCH	0.138435	0.152849	0.529056	-1.89016	0.0978671	0.469944	-2.12791	0.118151	0.493853	-2.02489	0.103501	0.476901	-2.09687	0.0159994	0.29337	-3.40867	0.19271	0.563666	-1.7741	0.0414971	0.376227	-2.65797	0.305295	0.643119	-1.55492	0.162156	0.537599	-1.86012	2.21382	6.06303	2.43442	1
cg09393254	MCHR2;MCHR2	0.138439	0.044942	17.8122	17.8122	0.25735	4.38981	4.38981	0.416751	2.82528	2.82528	0.707583	0.624028	-1.60249	0.495708	0.420775	-2.37657	0.513748	2.2904	2.2904	0.0258017	27.4572	27.4572	0.0333611	22.4602	22.4602	0.49983	2.35642	2.35642	2.2138	54.9087	22.0471	1
cg00661485	FOXI1;FOXI1	0.138439	0.230141	0.488287	-2.04798	0.277984	0.526061	-1.90092	0.169523	0.434643	-2.30074	0.0746324	0.322798	-3.09791	0.0132619	0.174201	-5.74049	0.870619	0.911366	-1.09725	0.0332927	0.242555	-4.12277	0.198277	0.461097	-2.16874	0.231698	0.489568	-2.04262	2.21379	11.3667	4.56399	1
cg26151531	GNB1L;C22orf29	0.138439	0.235176	1.56833	1.56833	0.194803	0.608948	-1.64218	0.289692	1.48806	1.48806	0.922618	0.965469	-1.03577	0.15878	0.57997	-1.72423	0.657945	1.17487	1.17487	0.0317934	0.402446	-2.48481	0.113518	1.86421	1.86421	0.513481	1.27083	1.27083	2.21379	4.58654	1.8416	1
cg00374546	IFT140	0.138439	0.0780258	0.340577	-2.93619	0.134121	0.411215	-2.43182	0.0630769	0.316622	-3.15834	0.272972	0.533874	-1.8731	0.0399118	0.270783	-3.693	0.768068	1.17665	1.17665	0.0400179	0.271029	-3.68965	0.468914	0.666756	-1.4998	0.0893416	0.356847	-2.80232	2.21379	10.609	4.25976	1
cg16764147	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.138441	0.361662	0.826152	-1.21043	0.636565	1.10179	1.10179	0.0642223	0.654727	-1.52735	0.166017	0.740194	-1.351	0.530032	0.878479	-1.13833	0.297238	1.2462	1.2462	0.0420025	1.61165	1.61165	0.362336	1.21009	1.21009	0.254517	0.784805	-1.2742	2.21378	1.45441	0.583982	1
cg02516155	CYB5D2;ZZEF1;CYB5D2;CYB5D2	0.138444	0.931509	1.01262	1.01262	0.0105464	1.59894	1.59894	0.61723	0.929135	-1.07627	0.831949	1.03148	1.03148	0.436456	1.12278	1.12278	0.361089	1.14677	1.14677	0.0633797	0.73746	-1.35601	0.713999	0.947722	-1.05516	0.562924	0.918219	-1.08906	2.21376	0.746057	0.299564	1
cg06001652	PHLDA2	0.138445	0.0778026	0.391619	-2.55351	0.529661	0.737447	-1.35603	0.157993	0.485773	-2.05858	0.798827	1.12993	1.12993	0.306661	0.602771	-1.659	0.482771	0.710919	-1.40663	0.20348	1.90036	1.90036	0.0290003	3.42526	3.42526	0.602401	1.28583	1.28583	2.21375	8.02162	3.22092	1
cg16498391	SLMO1;SLMO1	0.138445	0.175486	0.345876	-2.89121	0.495289	0.600329	-1.66575	0.656941	1.39015	1.39015	0.465944	0.578807	-1.72769	0.133472	0.303368	-3.29633	0.308773	0.460115	-2.17337	0.0123371	0.100646	-9.93577	0.0373943	0.168624	-5.93036	0.135233	0.305258	-3.27592	2.21375	19.0407	7.64541	1
cg26336164	FEM1A	0.138446	0.122633	0.82994	-1.20491	0.142445	1.19207	1.19207	0.94338	0.992117	-1.00795	0.602089	1.06037	1.06037	0.168394	0.849122	-1.17769	0.543842	1.07086	1.07086	0.0763531	0.802761	-1.2457	0.0528003	0.782487	-1.27798	0.38195	1.10508	1.10508	2.21374	0.435319	0.174795	1
cg23318560	MTHFD1	0.138449	0.468281	1.17883	1.17883	0.821012	0.950735	-1.05182	0.940364	0.983458	-1.01682	0.804836	0.946302	-1.05674	0.899282	0.972165	-1.02863	0.102376	0.671322	-1.4896	0.0083193	2.12117	2.12117	0.24028	1.31535	1.31535	0.357826	1.23468	1.23468	2.21372	1.74257	0.699705	1
cg20253551	ESR1;ESR1;ESR1;ESR1	0.138449	0.815711	0.929477	-1.07587	0.409397	1.30251	1.30251	0.603313	1.17848	1.17848	0.992476	0.997051	-1.00296	0.273346	0.699705	-1.42917	0.686746	0.880738	-1.13541	0.866173	1.05426	1.05426	0.00498232	3.20389	3.20389	0.206722	1.51763	1.51763	2.21372	3.44035	1.38143	1
cg14471181	PSIP1;PSIP1;PSIP1	0.138449	0.480538	1.29247	1.29247	0.105707	1.88191	1.88191	0.0848378	1.97749	1.97749	0.167802	1.6921	1.6921	0.0872315	0.508857	-1.96519	0.724384	0.881031	-1.13503	0.0874713	0.509171	-1.96398	0.61883	0.835736	-1.19655	0.97663	1.01054	1.01054	2.21372	4.48791	1.80206	1
cg02066331	RBM24;RBM24;RBM24	0.138451	0.187542	0.544875	-1.83528	0.115894	0.475727	-2.10204	0.892802	0.943069	-1.06037	0.679323	1.19807	1.19807	0.0124037	0.258455	-3.86914	0.377156	0.674378	-1.48285	0.882809	0.937888	-1.06623	0.0346311	0.342708	-2.91794	0.236291	0.583043	-1.71514	2.21371	6.62615	2.66065	1
cg05271345	HERC2	0.138462	0.878995	0.956959	-1.04498	0.300021	1.36363	1.36363	0.0910399	1.71181	1.71181	0.535361	1.19874	1.19874	0.0483693	0.521321	-1.9182	0.195327	0.673325	-1.48517	0.0731973	1.78067	1.78067	0.376108	0.769276	-1.29992	0.821881	0.936959	-1.06728	2.21362	2.92371	1.17403	1
cg10439283	VWA3B	0.138464	0.516603	0.917897	-1.08945	0.913697	1.01422	1.01422	0.518918	1.08892	1.08892	0.523597	0.91924	-1.08785	0.183905	0.83223	-1.20159	0.0463914	0.742874	-1.34612	0.0232511	1.42384	1.42384	0.482864	1.09736	1.09736	0.488029	1.09612	1.09612	2.21361	0.594989	0.238922	1
cg07408989	DLG4;DLG4	0.138465	0.0293413	0.281307	-3.55483	0.448878	0.682937	-1.46426	0.74962	1.17142	1.17142	0.978177	0.986574	-1.01361	0.0267735	0.273458	-3.65687	0.147744	0.464198	-2.15425	0.910323	0.945846	-1.05725	0.642361	1.25999	1.25999	0.0595191	0.349602	-2.8604	2.2136	8.56066	3.4376	1
cg13387374	UBR4	0.138466	0.24229	0.766459	-1.3047	0.176207	0.731596	-1.36688	0.972103	0.992429	-1.00763	0.990133	0.997316	-1.00269	0.89336	1.02958	1.02958	0.0591653	1.58891	1.58891	0.0281001	1.75718	1.75718	0.194519	0.742093	-1.34754	0.663682	1.09976	1.09976	2.2136	1.65606	0.665006	1
cg13055450	TRIM26	0.138467	0.577677	0.906379	-1.10329	0.566052	1.1067	1.1067	0.429727	0.868601	-1.15128	0.977649	1.00491	1.00491	0.418552	1.15541	1.15541	0.155998	0.767016	-1.30375	0.00966406	1.77227	1.77227	0.279624	0.821658	-1.21705	0.459187	0.876593	-1.14078	2.21358	1.07075	0.429971	1
cg16059943	PRKCZ;PRKCZ	0.138472	0.0770432	0.224237	-4.45957	0.983662	1.01569	1.01569	0.0995126	3.94684	3.94684	0.737495	0.774294	-1.2915	0.0633313	0.204344	-4.89371	0.356168	0.485925	-2.05793	0.802439	0.826436	-1.21002	0.0288613	0.140912	-7.09661	0.768617	0.799052	-1.25148	2.21355	20.2727	8.14084	1
cg01729388	METTL14	0.138472	0.314384	0.811634	-1.23208	0.881236	0.970602	-1.03029	0.693423	1.08235	1.08235	0.0219559	0.568548	-1.75887	0.569128	0.891347	-1.1219	0.104102	0.697968	-1.43273	0.981844	0.995469	-1.00455	0.913729	1.02186	1.02186	0.0488047	1.58176	1.58176	2.33273	1.44048	0.480285	1
cg16173234	DAP3;DAP3	0.138476	0.8961	0.976702	-1.02385	0.00842915	0.544974	-1.83495	0.300885	0.824144	-1.21338	0.629672	1.09162	1.09162	0.375444	1.17836	1.17836	0.206925	1.27144	1.27144	0.342544	1.19296	1.19296	0.99447	0.99875	-1.00125	0.402983	0.856913	-1.16698	2.21352	1.14126	0.4583	1
cg25571957	MOCS1;MOCS1	0.138477	0.108271	2.64286	2.64286	0.351267	1.70256	1.70256	0.0509095	0.291255	-3.43342	0.861465	1.10174	1.10174	0.510376	0.690484	-1.44826	0.406414	1.60178	1.60178	0.063255	0.313888	-3.18585	0.127431	0.400797	-2.49503	0.850511	1.11033	1.11033	2.21351	10.7863	4.33152	1
cg21074260	SYT13	0.138477	0.668909	1.12996	1.12996	0.548284	0.841537	-1.1883	0.102413	1.6613	1.6613	0.361304	1.3054	1.3054	0.598186	0.859814	-1.16304	0.0567826	0.542086	-1.84473	0.0762262	0.571063	-1.75112	0.606972	1.15877	1.15877	0.105689	1.65193	1.65193	2.21351	2.82765	1.13551	1
cg05617873	KCNIP3	0.138479	0.0868266	0.408884	-2.44568	0.122729	0.453467	-2.20523	0.355821	1.56696	1.56696	0.897949	1.06256	1.06256	0.0390223	0.323119	-3.09484	0.470608	0.706748	-1.41493	0.0298458	0.298586	-3.34912	0.158581	0.490336	-2.03942	0.537662	0.744441	-1.34329	2.2135	7.83942	3.14813	1
cg22398523	SH3BP5L	0.138481	0.837506	1.02367	1.02367	0.947315	1.00756	1.00756	0.514039	0.927373	-1.07832	0.285573	1.1347	1.1347	0.359714	0.898261	-1.11326	0.448915	1.0919	1.0919	0.202255	0.857787	-1.16579	0.00662846	0.669301	-1.4941	0.631587	1.05659	1.05659	2.21348	0.455103	0.18276	1
cg18396041	LOC401431;ATP6V0E2;ATP6V0E2	0.138483	0.767412	1.08982	1.08982	0.465978	1.24004	1.24004	0.676484	1.1294	1.1294	0.806172	0.931192	-1.07389	0.535836	0.833758	-1.19939	0.956321	0.984242	-1.01601	0.00358645	0.318613	-3.13861	0.813752	0.933851	-1.07083	0.507558	1.21526	1.21526	2.21346	2.94803	1.18388	1
cg02941816	MGMT	0.138484	0.0753833	0.359472	-2.78186	0.107862	0.403833	-2.47627	0.247085	0.535001	-1.86916	0.302279	0.575628	-1.73723	0.0105733	0.18976	-5.26982	0.124157	0.422956	-2.36431	0.216348	0.510494	-1.95889	0.0712245	0.352953	-2.83323	0.20106	0.497647	-2.00946	2.21346	9.36358	3.76027	1
cg20407230	ARL5B	0.138488	0.893627	1.07528	1.07528	0.214271	2.03272	2.03272	0.0158618	0.201302	-4.96766	0.194837	2.10432	2.10432	0.666352	0.790301	-1.26534	0.580492	0.738705	-1.35372	0.965981	1.02341	1.02341	0.592298	1.34081	1.34081	0.0784448	2.88793	2.88793	2.21343	10.3186	4.14385	1
cg17046395	TJP3	0.138492	0.887588	1.06042	1.06042	0.462632	1.36357	1.36357	0.363149	0.678663	-1.47349	0.774618	1.12645	1.12645	0.621471	1.22928	1.22928	0.0684622	2.33024	2.33024	0.757126	1.1373	1.1373	0.011243	0.267881	-3.733	0.392231	0.695211	-1.43841	2.2134	6.03019	2.42169	1
cg03695162	LOC100129034	0.138496	0.0703329	0.67399	-1.4837	0.315331	1.22445	1.22445	0.416092	0.85035	-1.17599	0.6232	0.907934	-1.1014	0.33003	0.821976	-1.21658	0.0625996	1.50484	1.50484	0.043835	1.57122	1.57122	0.898144	1.02529	1.02529	0.78346	1.0552	1.0552	2.21337	1.33345	0.535515	1
cg11156702	SEMA5A	0.138498	0.654688	0.789026	-1.26739	0.691023	0.810354	-1.23403	0.306665	0.572898	-1.74551	0.436005	1.51937	1.51937	0.0645999	0.33533	-2.98213	0.922552	0.950097	-1.05252	0.922089	0.949812	-1.05284	0.014117	4.92519	4.92519	0.280692	1.80435	1.80435	2.21335	9.7118	3.90029	1
cg15686437	HINT1;HINT1;HINT1;HINT1	0.138499	0.63343	0.92863	-1.07685	0.0296784	1.48357	1.48357	0.0386781	1.44633	1.44633	0.480744	0.895424	-1.11679	0.237613	1.21005	1.21005	0.34405	0.860529	-1.16208	0.487299	0.896945	-1.1149	0.85909	0.972985	-1.02776	0.188415	1.23958	1.23958	2.21335	0.832563	0.33436	1
cg22130673	ZBTB16;ZBTB16	0.1385	0.807528	1.10132	1.10132	0.00897226	3.72092	3.72092	0.0151292	3.25484	3.25484	0.642868	1.20277	1.20277	0.503964	1.30752	1.30752	0.410836	1.39448	1.39448	0.547362	1.27221	1.27221	0.519452	1.2946	1.2946	0.987565	1.00618	1.00618	2.21334	5.48024	2.20089	1
cg12793744	C14orf104;C14orf104	0.1385	0.198928	0.764504	-1.30804	0.74537	1.06658	1.06658	0.356548	0.828958	-1.20633	0.530974	1.13377	1.13377	0.354149	1.20753	1.20753	0.014657	0.551866	-1.81204	0.277476	0.799778	-1.25035	0.537659	1.1314	1.1314	0.156037	1.35014	1.35014	2.21334	1.37176	0.550908	1
cg25644243	WDR72	0.138501	0.0702526	31.9067	31.9067	0.227209	8.75275	8.75275	0.465823	0.280827	-3.56091	0.827812	1.45172	1.45172	0.648123	0.455544	-2.19518	0.110075	19.6926	19.6926	0.674162	0.484999	-2.06186	0.0269565	88.4789	88.4789	0.0717206	31.2104	31.2104	2.21334	102.646	41.2233	1
cg10663408	CPA1	0.138501	0.701246	1.17756	1.17756	0.0509174	2.56738	2.56738	0.577068	0.787512	-1.26982	0.675544	1.1954	1.1954	0.324199	0.649406	-1.53987	0.956119	0.976939	-1.02361	0.0514234	2.56071	2.56071	0.0527067	2.54414	2.54414	0.0793895	2.28338	2.28338	2.21333	6.302	2.53092	1
cg07712904	BMF;BMF;BMF;BMF	0.138506	0.717092	0.924492	-1.08167	0.774464	1.06395	1.06395	0.675634	0.913207	-1.09504	0.0170182	0.533777	-1.87344	0.055437	0.626009	-1.59742	0.912473	1.02401	1.02401	0.331613	1.24124	1.24124	0.518801	0.868386	-1.15156	0.053766	0.623446	-1.60399	2.2133	1.63173	0.655322	1
cg25954642	CLCN1	0.138506	0.0949845	1.41056	1.41056	0.561472	0.89577	-1.11636	0.550276	1.11998	1.11998	0.18372	0.767654	-1.30267	0.617753	1.09892	1.09892	0.0689994	1.46447	1.46447	0.0344723	1.58781	1.58781	0.647227	0.917244	-1.09022	0.337933	0.830936	-1.20346	2.2133	1.23209	0.494825	1
cg16764807	CDKAL1	0.138508	0.542186	0.881012	-1.13506	0.404527	1.1914	1.1914	0.00840828	1.99595	1.99595	0.167404	1.35279	1.35279	0.595052	1.11645	1.11645	0.251087	1.27918	1.27918	0.509555	0.871648	-1.14725	0.924001	0.980599	-1.01978	0.260979	0.786066	-1.27216	2.21328	1.47783	0.59352	1
cg04481181	SLITRK3	0.138511	0.115638	0.715151	-1.39831	0.148692	1.35476	1.35476	0.819664	0.956224	-1.04578	0.313635	1.22665	1.22665	0.0292697	0.604454	-1.65439	0.230924	0.781654	-1.27934	0.115718	0.715213	-1.39819	0.891186	0.973525	-1.02719	0.558216	1.12307	1.12307	2.21326	1.34695	0.540963	1
cg23120335	ORC4L;ORC4L;ORC4L;ORC4L;ORC4L	0.138512	0.944069	0.969562	-1.03139	0.670385	1.20758	1.20758	0.0547544	2.61126	2.61126	0.291882	0.617669	-1.61899	0.498183	1.35385	1.35385	0.403747	1.45705	1.45705	0.045275	2.75065	2.75065	0.0252244	3.2299	3.2299	0.180389	1.8714	1.8714	2.21325	6.80357	2.73246	1
cg25903851	AGPAT3;AGPAT3	0.138514	0.55748	0.915791	-1.09195	0.0802754	1.33338	1.33338	0.124719	0.781568	-1.27948	0.584258	1.08539	1.08539	0.18532	0.811981	-1.23156	0.292031	1.17599	1.17599	0.0412863	1.41772	1.41772	0.937041	0.988354	-1.01178	0.327946	0.860939	-1.16152	2.21323	0.770706	0.309535	1
cg24538089	LRRK1	0.138517	0.0628976	0.715893	-1.39686	0.120785	1.30832	1.30832	0.61753	1.08373	1.08373	0.133454	0.772172	-1.29505	0.181596	0.797318	-1.25421	0.0513306	0.701599	-1.42532	0.651503	1.07533	1.07533	0.212073	0.810621	-1.23362	0.613662	0.921905	-1.08471	2.21321	0.894273	0.359165	1
cg07570181	STON1-GTF2A1L;STON1	0.138523	0.400359	0.848268	-1.17887	0.564188	0.89455	-1.11788	0.151488	1.34148	1.34148	0.205289	0.774567	-1.29104	0.328603	0.82469	-1.21258	0.603449	0.904678	-1.10537	0.017518	1.73793	1.73793	0.362019	0.836022	-1.19614	0.273836	0.804389	-1.24318	2.21317	1.28082	0.514423	1
cg16794749	GPAM	0.138527	0.374982	0.614807	-1.62653	0.0242769	0.238225	-4.19771	0.187791	0.474411	-2.10788	0.220447	0.502467	-1.99018	0.0384062	0.277606	-3.60222	0.111581	0.396216	-2.52387	0.0379134	0.276418	-3.61771	0.865138	0.913191	-1.09506	0.991546	0.994356	-1.00568	2.21313	10.0033	4.01773	1
cg20786131	CABLES1;CABLES1	0.138531	0.0954223	0.248208	-4.02888	0.0671176	0.209931	-4.76347	0.216319	0.371683	-2.69046	0.353296	0.483594	-2.06785	0.147311	0.306406	-3.26364	0.39184	0.513072	-1.94904	0.0754264	0.22188	-4.50694	0.011654	0.0908849	-11.0029	0.127197	0.285149	-3.50694	2.21311	20.2818	8.14615	1
cg23183422	RASGEF1C	0.138531	0.038153	0.32143	-3.1111	0.403895	1.49691	1.49691	0.15825	0.490446	-2.03896	0.628285	0.794199	-1.25913	0.0115853	0.225187	-4.44076	0.574877	0.765172	-1.3069	0.310693	0.609316	-1.64119	0.853963	0.916654	-1.09092	0.206211	0.532726	-1.87714	2.21311	7.81896	3.14047	1
cg22387019	RFTN2	0.138533	0.537647	0.70387	-1.42072	0.564123	0.720321	-1.38827	0.0316751	0.242373	-4.12587	0.790307	1.16178	1.16178	0.0932607	0.353865	-2.82594	0.387694	0.607646	-1.6457	0.145554	0.415078	-2.40918	0.0530673	3.4445	3.4445	0.911791	0.939552	-1.06434	2.21309	11.0965	4.4569	1
cg25247455	RPS9	0.138535	0.953573	1.01887	1.01887	0.103787	1.77056	1.77056	0.809922	1.08046	1.08046	0.0500068	2.04987	2.04987	0.227318	1.50236	1.50236	0.452199	0.781947	-1.27886	0.0377166	0.461143	-2.16852	0.54632	1.21662	1.21662	0.295206	1.41713	1.41713	2.21307	3.61512	1.45202	1
cg07793148	C1orf200;PIK3CD	0.138537	0.166436	2.40699	2.40699	0.0142083	6.05469	6.05469	0.02415	4.95597	4.95597	0.383638	1.70205	1.70205	0.759443	0.832896	-1.20063	0.133958	2.61748	2.61748	0.209045	2.19967	2.19967	0.735166	1.224	1.224	0.343621	1.78746	1.78746	2.21306	12.4223	4.98948	1
cg23959612	CD164;CD164;CD164;CD164;CD164	0.138538	0.84762	0.960834	-1.04076	0.766091	0.939919	-1.06392	0.602674	1.11525	1.11525	0.0776512	0.665441	-1.50276	0.197134	0.753382	-1.32735	0.555859	0.883619	-1.13171	0.064329	0.649419	-1.53984	0.0451473	1.61182	1.61182	0.300938	1.24933	1.24933	2.21306	1.51187	0.607251	1
cg12121587	KLC2;KLC2;KLC2;KLC2;KLC2	0.13854	0.582381	1.09484	1.09484	0.214973	1.23732	1.23732	0.889522	1.02293	1.02293	0.010552	0.59165	-1.69019	0.679856	0.934546	-1.07004	0.635493	0.925058	-1.08101	0.982981	0.996526	-1.00349	0.0741208	1.38359	1.38359	0.754558	1.0525	1.0525	2.21304	0.932826	0.374679	1
cg19615949	RAB39	0.138541	0.609241	0.914088	-1.09399	0.211842	0.7952	-1.25754	0.0396236	0.660599	-1.51378	0.942632	1.01262	1.01262	0.760911	0.948213	-1.05462	0.213379	1.25648	1.25648	0.0236346	1.60131	1.60131	0.903938	1.02126	1.02126	0.821636	1.04013	1.04013	2.21304	1.06409	0.427403	1
cg05635276	TTLL1;TTLL1	0.138541	0.0076799	0.435546	-2.29597	0.630772	1.12467	1.12467	0.479674	1.19044	1.19044	0.610446	1.13275	1.13275	0.418628	0.818317	-1.22202	0.989995	0.996962	-1.00305	0.561249	0.867169	-1.15318	0.0561542	0.591698	-1.69005	0.620991	0.886106	-1.12853	2.21304	2.063	0.828624	1
cg18124764	CUX1;CUX1;CUX1	0.138541	0.959025	1.03838	1.03838	0.0367442	5.92094	5.92094	0.0187142	8.07295	8.07295	0.615421	1.44955	1.44955	0.192028	0.363409	-2.75172	0.533621	1.58741	1.58741	0.449858	1.75838	1.75838	0.327354	0.476587	-2.09825	0.922194	1.07423	1.07423	2.21303	18.83	7.56329	1
cg00058708	UBXN2A	0.138542	0.0852413	0.48329	-2.06915	0.28128	1.53409	1.53409	0.804687	1.09931	1.09931	0.822781	0.917847	-1.08951	0.0408089	0.405623	-2.46534	0.850558	1.07474	1.07474	0.227003	1.62369	1.62369	0.0967555	0.498221	-2.00714	0.123293	0.528365	-1.89263	2.21303	5.11853	2.05592	1
cg26570804	ACOT7;ACOT7;ACOT7;ACOT7	0.138543	0.368766	0.455839	-2.19376	0.0103643	0.064066	-15.6089	0.0268573	0.107379	-9.31281	0.825211	0.828418	-1.20712	0.143593	0.262525	-3.80916	0.268387	0.374908	-2.66732	0.226274	0.339158	-2.94848	0.382182	0.466396	-2.1441	0.8559	1.16731	1.16731	2.21302	25.3848	10.1962	1
cg15175632	OR10AD1	0.138544	0.194345	0.394993	-2.53169	0.825223	0.861027	-1.1614	0.0166235	0.138259	-7.23279	0.0498336	0.220138	-4.54261	0.139936	0.341485	-2.92838	0.876612	1.11084	1.11084	0.46985	0.608091	-1.64449	0.055554	0.230421	-4.33988	0.14429	0.346088	-2.88944	2.21301	16.0421	6.44353	1
cg21369812	C10orf105;C10orf105;CDH23	0.138544	0.271739	0.719723	-1.38942	0.115251	0.611242	-1.63601	0.335645	0.75171	-1.3303	0.0147055	0.421798	-2.3708	0.0337018	0.490181	-2.04006	0.989082	1.00394	1.00394	0.11038	0.606441	-1.64896	0.752595	1.09516	1.09516	0.348914	0.757899	-1.31944	2.21301	2.89632	1.16335	1
cg01763754	CXXC5	0.138547	0.965561	1.02122	1.02122	0.0444023	3.07383	3.07383	0.358896	1.58223	1.58223	0.941614	1.03627	1.03627	0.0104804	0.208697	-4.79164	0.978392	0.986914	-1.01326	0.739601	0.850239	-1.17614	0.849152	1.09704	1.09704	0.766002	1.15622	1.15622	2.21299	8.291	3.33023	1
cg07500957	OTOR	0.138548	0.614447	1.0972	1.0972	0.0878903	0.708933	-1.41057	0.0203766	0.600164	-1.66621	0.35305	1.19067	1.19067	0.352398	0.839652	-1.19097	0.432699	1.15746	1.15746	0.0685374	0.689089	-1.45119	0.837974	0.963297	-1.0381	0.747133	1.06086	1.06086	2.21298	1.16899	0.469548	1
cg25503999	MBP;MBP	0.138548	0.384608	1.7157	1.7157	0.355403	0.562319	-1.77835	0.892306	1.08549	1.08549	0.433872	1.62186	1.62186	0.144675	0.38724	-2.58238	0.269104	2.00765	2.00765	0.109406	2.87773	2.87773	0.0174856	5.76376	5.76376	0.239375	2.10878	2.10878	2.21298	12.8527	5.16255	1
cg26536847	NSUN6;NSUN6	0.138551	0.125436	0.748895	-1.3353	0.597497	0.91128	-1.09736	0.129206	1.33089	1.33089	0.0831188	1.39726	1.39726	0.0462815	0.671618	-1.48894	0.81525	1.04165	1.04165	0.150486	0.764366	-1.30827	0.924109	1.01675	1.01675	0.914268	1.01895	1.01895	2.21296	1.06548	0.427977	1
cg17023455	SORL1	0.138553	0.562207	0.777533	-1.28612	0.0432389	2.71422	2.71422	0.210442	1.76242	1.76242	0.0750547	0.426877	-2.3426	0.281935	1.61634	1.61634	0.195045	0.555127	-1.80139	0.564043	0.778472	-1.28457	0.655995	0.824875	-1.2123	0.194236	0.554466	-1.80354	2.21295	6.46275	2.59594	1
cg11905651	PHLDB3	0.138554	0.372432	0.822645	-1.21559	0.908403	1.02484	1.02484	0.145834	0.716832	-1.39503	0.243616	1.29707	1.29707	0.0637529	1.55945	1.55945	0.514216	1.15146	1.15146	0.0329747	1.7018	1.7018	0.197631	1.33688	1.33688	0.207622	1.32749	1.32749	2.21294	1.59311	0.639919	1
cg03748376	OR2L13;OR2L13	0.138565	0.0819134	10.0452	10.0452	0.119511	7.55175	7.55175	0.555909	2.03989	2.03989	0.213253	0.208319	-4.80033	0.872329	0.824914	-1.21225	0.80732	1.33968	1.33968	0.026025	23.608	23.608	0.0590459	12.824	12.824	0.9301	1.11071	1.11071	2.21286	50.199	20.1646	1
cg00319567	TDRD3;TDRD3;TDRD3	0.138565	0.711748	0.946081	-1.05699	0.302249	1.17393	1.17393	0.453185	0.891932	-1.12116	0.540277	1.09713	1.09713	0.24602	0.833339	-1.19999	0.715054	1.05628	1.05628	0.00572718	0.568392	-1.75935	0.669909	0.937956	-1.06615	0.443769	0.889701	-1.12397	2.33195	0.805267	0.268582	1
cg27277367	MEF2A;MEF2A;MEF2A;MEF2A;MEF2A;MEF2A	0.138566	0.0657863	0.719931	-1.38902	0.255395	0.827797	-1.20803	0.594512	1.08928	1.08928	0.63014	0.925682	-1.08028	0.99955	0.99991	-1.00009	0.981749	0.996366	-1.00365	0.0142606	0.618112	-1.61783	0.213182	1.23202	1.23202	0.408185	1.14414	1.14414	2.21285	0.88784	0.356641	1
cg17081408	CAMTA1	0.138567	0.259495	1.42371	1.42371	0.463842	0.799383	-1.25096	0.985079	1.00563	1.00563	0.750019	0.908466	-1.10076	0.481611	1.23963	1.23963	0.00962722	0.373762	-2.6755	0.135798	1.62054	1.62054	0.756075	0.910665	-1.0981	0.364889	1.32261	1.32261	2.21284	3.16083	1.26969	1
cg12728606	AFAP1;AFAP1	0.138569	0.0381081	0.370928	-2.69594	0.159442	0.53777	-1.85953	0.258651	0.614923	-1.62622	0.675184	0.840398	-1.18991	0.427652	1.39672	1.39672	0.444661	1.37918	1.37918	0.0202838	0.315187	-3.17272	0.249575	0.608673	-1.64292	0.289131	0.635096	-1.57456	2.21283	5.96568	2.3964	1
cg25817419	TRAFD1;TRAFD1	0.138572	0.360415	0.769897	-1.29888	0.716755	1.10664	1.10664	0.299147	1.34889	1.34889	0.038098	0.512437	-1.95146	0.930319	1.02462	1.02462	0.733569	0.909354	-1.09968	0.102494	0.608391	-1.64368	0.0180708	0.44994	-2.22252	0.527076	0.83675	-1.1951	2.21281	2.7108	1.08893	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14946299	ZNF273;ZNF273	0.138574	0.104588	0.754177	-1.32595	0.73121	1.05637	1.05637	0.0309628	1.49608	1.49608	0.981665	0.996352	-1.00366	0.0888935	0.74199	-1.34773	0.344396	1.16753	1.16753	0.174638	0.794834	-1.25812	0.370035	0.863813	-1.15766	0.950828	1.00986	1.00986	2.21279	0.886374	0.356061	1
cg11143131	PDLIM4;PDLIM4	0.138574	0.317385	0.816521	-1.22471	0.366211	1.19969	1.19969	0.106763	1.41251	1.41251	0.0375552	0.622995	-1.60515	0.363416	1.20104	1.20104	0.780978	1.05619	1.05619	0.169297	1.33266	1.33266	0.15149	0.739777	-1.35176	0.445985	1.16458	1.16458	2.21279	1.348	0.5415	1
cg25623250	WDR87;SIPA1L3	0.138575	0.0231266	0.63809	-1.56718	0.17365	0.787041	-1.27058	0.372755	1.16344	1.16344	0.195703	0.797424	-1.25404	0.206898	1.24633	1.24633	0.293709	1.19744	1.19744	0.544515	0.903512	-1.10679	0.339778	1.17675	1.17675	0.517465	1.11467	1.11467	2.21278	0.959101	0.385277	1
cg18753958	COL9A3	0.138576	0.0379604	0.312721	-3.19774	0.0572313	2.82709	2.82709	0.812504	0.891549	-1.12164	0.592097	1.29861	1.29861	0.202635	0.522141	-1.91519	0.916336	1.05208	1.05208	0.640657	0.79683	-1.25497	0.557083	1.33229	1.33229	0.0669065	0.370718	-2.69747	2.21278	8.17935	3.28571	1
cg04508687	RPS6KA2	0.138577	?	?	?	0.171209	0.584713	-1.71024	0.0510724	0.441132	-2.2669	0.0841876	2.02129	2.02129	0.870166	1.06211	1.06211	0.512845	0.783124	-1.27694	0.40254	0.729384	-1.37102	0.0971499	0.511405	-1.9554	0.15346	0.569508	-1.7559	2.23185	4.26291	1.91003	1
cg12404284	LOC641367;ZNF100	0.138583	0.643492	1.09415	1.09415	0.0418442	1.57276	1.57276	0.106454	1.40539	1.40539	0.239072	1.26874	1.26874	0.0791854	1.45679	1.45679	0.555547	0.891275	-1.12199	0.07622	0.683285	-1.46352	0.916642	1.02042	1.02042	0.549958	1.12386	1.12386	2.21272	1.30607	0.524672	1
cg09398082	SDK1	0.138583	0.495809	0.876206	-1.14128	0.266578	1.24757	1.24757	0.0981231	0.707018	-1.41439	0.302539	1.22641	1.22641	0.169155	0.755845	-1.32302	0.199956	0.772025	-1.2953	0.0771364	1.4558	1.4558	0.295694	1.23025	1.23025	0.219206	0.781208	-1.28007	2.21272	1.27971	0.514082	1
cg26884775	LINGO1	0.138584	0.883736	1.03324	1.03324	0.580566	1.13285	1.13285	0.22979	0.754559	-1.32528	0.285741	1.2812	1.2812	0.00785126	0.466535	-2.14346	0.337094	0.801561	-1.24757	0.351374	1.23907	1.23907	0.547486	1.14574	1.14574	0.664143	0.906974	-1.10257	2.21271	1.75057	0.703237	1
cg06639440	CHID1	0.138586	0.0826411	0.486714	-2.05459	0.0730208	0.472814	-2.115	0.0530002	0.438788	-2.279	0.52529	0.785735	-1.27269	0.0127504	0.313716	-3.1876	0.140836	0.552444	-1.81014	0.291817	0.663819	-1.50643	0.338317	0.690903	-1.44738	0.174604	0.582201	-1.71762	2.2127	4.91804	1.97568	1
cg07129339	KLHDC2;KLHDC2	0.138586	0.186126	1.97723	1.97723	0.876087	0.92692	-1.07884	0.74671	1.1707	1.1707	0.0635256	2.75828	2.75828	0.01958	0.253651	-3.94243	0.428962	1.48095	1.48095	0.243213	0.552187	-1.81098	0.59386	0.7697	-1.29921	0.975723	1.01491	1.01491	2.2127	8.28818	3.32955	1
cg03078819	DENND2A	0.138589	0.204192	0.78725	-1.27025	0.889484	0.975485	-1.02513	0.124406	0.743041	-1.34582	0.0276696	0.628292	-1.59162	0.722917	0.938422	-1.06562	0.944823	1.01243	1.01243	0.0456206	1.50557	1.50557	0.559601	1.11107	1.11107	0.44711	0.870811	-1.14835	2.21268	1.11685	0.448668	1
cg02196655	NOL10	0.13859	0.391361	1.64705	1.64705	0.62784	0.757631	-1.3199	0.237163	0.494768	-2.02115	0.206695	0.46922	-2.1312	0.171599	0.437388	-2.2863	0.0915634	0.347984	-2.8737	0.035216	4.02963	4.02963	0.447744	1.55213	1.55213	0.35354	0.581373	-1.72007	2.21267	11.3132	4.54482	1
cg17267493	TNFSF12;TNFSF13;TNFSF13;TNFSF12-TNFSF13;TNFSF13	0.138593	0.469929	0.758732	-1.31799	0.0887497	2.02416	2.02416	0.0336975	2.53852	2.53852	0.867009	0.938991	-1.06497	0.137488	0.548388	-1.82353	0.270382	0.649837	-1.53885	0.112168	1.91486	1.91486	0.874657	0.942432	-1.06108	0.836837	1.08053	1.08053	2.21264	4.94352	1.98597	1
cg01958008	ACAD9	0.138596	0.0324732	0.769342	-1.29981	0.429286	0.918956	-1.08819	0.400088	0.913724	-1.09442	0.440833	1.08582	1.08582	0.0377403	0.77692	-1.28713	0.383012	1.09824	1.09824	0.0504137	0.791695	-1.26311	0.622747	0.949386	-1.05331	0.404561	0.914541	-1.09344	2.21262	0.384486	0.154462	1
cg15961744	PCDHA6;PCDHA2;PCDHA1;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA9;PCDHA9;PCDHA3;PCDHA4;PCDHA8	0.138601	0.0476487	6.05688	6.05688	0.0976232	4.24338	4.24338	0.1023	4.14489	4.14489	0.161304	3.28588	3.28588	0.0367817	6.88325	6.88325	0.403712	1.97289	1.97289	0.0982996	4.22871	4.22871	0.0475702	6.06181	6.06181	0.114037	3.92412	3.92412	2.21259	22.1611	8.90302	1
cg19244312	FNDC3B;FNDC3B	0.138601	0.0368347	0.194729	-5.13535	0.046706	0.215109	-4.6488	0.277467	0.4667	-2.1427	0.714191	0.780217	-1.28169	0.0155594	0.135093	-7.40232	0.633535	0.723195	-1.38275	0.565066	0.675415	-1.48057	0.185745	0.388015	-2.57722	0.117263	0.317275	-3.15184	2.21259	15.9533	6.40912	1
cg00460704	PRKRA;MIR548N;PRKRA;PRKRA;DFNB59	0.138605	0.588017	1.17517	1.17517	0.245028	0.69846	-1.43172	0.392735	1.29485	1.29485	0.69361	0.889715	-1.12396	0.603569	0.856751	-1.1672	0.364216	0.759437	-1.31676	0.00449848	0.327049	-3.05764	0.356247	0.755753	-1.32318	0.45183	0.797541	-1.25385	2.21256	3.05207	1.22616	1
cg18178458	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.138609	0.333897	0.671328	-1.48959	0.0439678	0.396304	-2.52331	0.0923135	0.476741	-2.09757	0.451619	1.35884	1.35884	0.0885236	0.471747	-2.11978	0.21031	0.58989	-1.69523	0.511709	0.766361	-1.30487	0.116161	1.97918	1.97918	0.817939	1.09658	1.09658	2.21253	5.60199	2.25061	1
cg04416905	CDH4	0.138609	0.112517	0.532044	-1.87954	0.20929	0.616711	-1.6215	0.945836	0.97549	-1.02513	0.386455	1.38301	1.38301	0.552059	1.24575	1.24575	0.0875154	0.502106	-1.99161	0.0498999	2.26325	2.26325	0.372809	0.715926	-1.39679	0.155028	0.573592	-1.7434	2.21252	4.67466	1.87806	1
cg19478698	MUC4;MUC4;MUC4	0.138618	0.445648	0.870971	-1.14814	0.415136	1.15952	1.15952	0.0506532	0.673197	-1.48545	0.127564	1.34014	1.34014	0.28016	1.22077	1.22077	0.883745	1.02634	1.02634	0.119435	0.740636	-1.35019	0.0908497	0.718208	-1.39235	0.315437	0.831568	-1.20255	2.21246	1.10636	0.444496	1
cg25698915	CAPNS1;CAPNS1	0.138619	0.225418	0.684203	-1.46156	0.479545	1.23893	1.23893	0.539337	1.20351	1.20351	0.800998	0.927479	-1.07819	0.573308	1.18487	1.18487	0.960101	1.01502	1.01502	0.0532852	0.519723	-1.9241	0.00999353	0.379255	-2.63674	0.747112	0.908065	-1.10124	2.21245	3.11348	1.25089	1
cg17526462	WDFY4	0.13862	0.901402	0.959762	-1.04193	0.798454	0.918707	-1.08849	0.159911	0.608004	-1.64473	0.0808298	0.526487	-1.89938	0.868684	0.946647	-1.05636	0.0750068	1.92902	1.92902	0.105004	1.79859	1.79859	0.434807	1.30219	1.30219	0.106895	0.558077	-1.79187	2.21245	3.84741	1.54577	1
cg01822242	ACOX3;ACOX3	0.13862	0.674663	0.933754	-1.07095	0.364597	1.1633	1.1633	0.0896907	1.35492	1.35492	0.524715	1.11033	1.11033	0.649954	1.077	1.077	0.988596	0.997682	-1.00232	0.0575913	0.705656	-1.41712	0.0310546	1.50827	1.50827	0.161581	1.27468	1.27468	2.21244	0.923662	0.371098	1
cg07726474	KIFC1;KIFC1	0.13863	?	?	?	0.283188	0.686441	-1.45679	0.331711	0.71388	-1.40079	0.11187	1.81212	1.81212	0.0892279	0.523836	-1.90899	0.650154	1.16453	1.16453	0.601497	1.19233	1.19233	0.0282658	0.399485	-2.50322	0.651713	0.859355	-1.16366	2.5155	3.7349	1.11357	1
cg09808690	STK32C	0.138632	0.0891614	1.94343	1.94343	0.0883066	1.9476	1.9476	0.442002	1.32032	1.32032	0.0347042	2.3933	2.3933	0.243376	0.648765	-1.54139	0.0505877	2.20267	2.20267	0.832078	0.927498	-1.07817	0.323108	1.43585	1.43585	0.894222	1.04828	1.04828	2.21236	4.40234	1.76879	1
cg13503613	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1	0.138634	0.360604	0.588926	-1.69801	0.758572	0.840572	-1.18967	0.776542	1.17387	1.17387	0.764931	0.844569	-1.18404	0.0055297	0.128221	-7.79902	0.526305	1.43577	1.43577	0.14755	0.416704	-2.39978	0.378	1.66456	1.66456	0.48423	0.670012	-1.49251	2.21234	11.1195	4.46765	1
cg10614909	TRMT2A;TRMT2A;RANBP1;RANBP1	0.138636	0.0154761	0.168159	-5.94674	0.101332	0.340679	-2.93532	0.665425	1.29842	1.29842	0.0293507	0.214279	-4.6668	0.351206	0.562196	-1.77874	0.797853	1.16656	1.16656	0.891949	1.085	1.085	0.323857	0.542489	-1.84336	0.97446	0.980968	-1.0194	2.21233	12.6237	5.07205	1
cg14078789	KIAA1432	0.138638	0.975313	0.992554	-1.0075	0.0439695	0.571738	-1.74905	0.867609	0.960508	-1.04112	0.257186	1.33056	1.33056	0.277641	1.31347	1.31347	0.0421591	1.76012	1.76012	0.902712	1.02997	1.02997	0.108776	0.655443	-1.52569	0.642002	0.893084	-1.11972	2.21231	2.04375	0.821162	1
cg11008156	FXC1;FXC1;ARFIP2	0.138639	0.303894	0.678955	-1.47285	0.364188	1.40365	1.40365	0.367006	1.40071	1.40071	0.072362	0.482324	-2.0733	0.0106687	0.311225	-3.21311	0.818689	0.919897	-1.08708	0.929378	1.03276	1.03276	0.928915	1.03298	1.03298	0.533105	1.25803	1.25803	2.21231	4.63294	1.86148	1
cg19201009	MARVELD1;MARVELD1;MARVELD1	0.13864	0.0128847	0.129104	-7.74568	0.959992	0.967289	-1.03382	0.408893	0.571217	-1.75065	0.853149	0.884399	-1.13071	0.777849	0.829014	-1.20625	0.110938	0.316205	-3.1625	0.626741	0.722586	-1.38392	0.209903	0.416421	-2.40142	0.0194835	0.153788	-6.50247	2.21229	15.4005	6.18784	1
cg16723803	PIGO;PIGO;PIGO	0.13864	0.818271	0.965286	-1.03596	0.0345577	1.45988	1.45988	0.0663025	1.37189	1.37189	0.37827	0.870423	-1.14887	0.228989	1.21385	1.21385	0.508098	0.902065	-1.10857	0.133165	0.77981	-1.28236	0.248714	1.20333	1.20333	0.462965	1.12153	1.12153	2.21229	0.825712	0.331767	1
cg10531725	SP6	0.138641	0.0609447	0.300706	-3.32551	0.22552	0.48474	-2.06296	0.0952797	0.352488	-2.83697	0.37114	0.593064	-1.68616	0.218134	0.478547	-2.08966	0.0370944	0.252309	-3.96339	0.0576151	0.29479	-3.39224	0.607507	1.34279	1.34279	0.467759	1.52249	1.52249	2.21229	11.3408	4.5567	1
cg17298776	ROR1;ROR1	0.138641	0.148138	0.391909	-2.55161	0.0926513	3.05665	3.05665	0.143466	2.58377	2.58377	0.771156	1.19256	1.19256	0.179125	0.422435	-2.36723	0.636253	0.750013	-1.33331	0.0620133	0.28117	-3.55656	0.441709	0.622708	-1.60589	0.175949	0.419435	-2.38416	2.21229	12.7746	5.13279	1
cg23108922	TAF13	0.138643	0.516774	0.868656	-1.1512	0.420112	1.19297	1.19297	0.813103	0.950532	-1.05204	0.20134	0.748977	-1.33515	0.0805605	0.660232	-1.51462	0.423936	0.839511	-1.19117	0.044709	1.63828	1.63828	0.951289	0.986999	-1.01317	0.0484755	0.616999	-1.62075	2.21227	1.6077	0.645973	1
cg05200540	ELOVL3	0.138644	0.227681	0.679944	-1.47071	0.770123	0.914611	-1.09336	0.106596	1.71039	1.71039	0.127281	0.605117	-1.65257	0.035789	0.475151	-2.10459	0.692014	0.885784	-1.12894	0.0429346	0.491815	-2.03328	0.342087	0.742166	-1.34741	0.986607	1.00513	1.00513	2.21227	3.25114	1.30631	1
cg00495303	DLGAP1;DLGAP1	0.138645	0.373889	0.536058	-1.86547	0.137466	0.335306	-2.98235	0.421123	0.570412	-1.75312	0.280397	2.15214	2.15214	0.154095	0.352666	-2.83554	0.26349	2.21724	2.21724	0.286273	0.469329	-2.1307	0.045991	4.76937	4.76937	0.262164	2.22258	2.22258	2.21226	16.3492	6.56912	1
cg04223645	SCAMP1	0.138645	?	?	?	0.08168	4.23412	4.23412	0.106734	3.6822	3.6822	0.225205	2.50417	2.50417	0.264225	0.434154	-2.30333	?	?	?	?	?	?	?	?	?	0.120541	3.45752	3.45752	2.83568	11.1418	3.92916	1
cg16807061	RAP1GAP2;RAP1GAP2	0.138647	0.0326482	0.709614	-1.40922	0.557401	0.921809	-1.08482	0.920104	1.01386	1.01386	0.166866	0.816917	-1.22412	0.487379	0.907723	-1.10166	0.137409	0.802899	-1.24549	0.141364	0.804917	-1.24236	0.168901	0.817808	-1.22278	0.0795794	1.30602	1.30602	2.21224	0.659648	0.26505	1
cg20016411	DRD2;DRD2	0.138649	0.179205	0.438618	-2.27989	0.242217	0.493142	-2.02781	0.495097	0.670234	-1.49202	0.357134	0.578677	-1.72808	0.0769101	0.321037	-3.1149	0.964407	1.02611	1.02611	0.0315182	0.233008	-4.2917	0.0661874	3.288	3.288	0.895656	0.927012	-1.07873	2.21223	11.6888	4.69664	1
cg13530158	FNBP1	0.138651	0.250326	1.18756	1.18756	0.358373	1.14472	1.14472	0.215402	1.20514	1.20514	0.359879	0.873969	-1.1442	0.825472	0.96889	-1.03211	0.00453136	1.7181	1.7181	0.752676	1.04628	1.04628	0.628608	1.07224	1.07224	0.669678	1.06333	1.06333	2.21221	0.717492	0.288296	1
cg15498306	MARCH1;MARCH1	0.138651	0.437902	0.788491	-1.26824	0.911151	0.967034	-1.03409	0.0352827	0.478895	-2.08814	0.25732	0.70116	-1.42621	0.331688	0.740251	-1.35089	0.488433	1.23537	1.23537	0.100141	1.71772	1.71772	0.151198	1.58709	1.58709	0.167369	0.642751	-1.55581	2.21221	3.15987	1.26967	1
cg08210688	OTX1	0.138652	0.483538	0.550028	-1.81809	0.124475	4.04083	4.04083	0.0376336	7.57323	7.57323	0.402682	2.0524	2.0524	0.620307	1.52086	1.52086	0.566001	1.62757	1.62757	0.688716	0.713138	-1.40225	0.0112873	14.3563	14.3563	0.534074	1.69672	1.69672	2.21221	24.6952	9.92278	1
cg16995524	HIAT1	0.138656	0.0949642	1.56552	1.56552	0.730717	1.08806	1.08806	0.217259	0.728257	-1.37314	0.888832	0.966413	-1.03475	0.0442123	1.75878	1.75878	0.411696	1.22757	1.22757	0.0709789	1.63681	1.63681	0.281238	1.31464	1.31464	0.0489565	1.7318	1.7318	2.21218	2.09055	0.840015	1
cg09015973	ARHGEF4;ARHGEF4	0.138656	0.232256	2.03916	2.03916	0.113903	2.65976	2.65976	0.490784	0.671602	-1.48898	0.704859	1.24165	1.24165	0.112862	2.6686	2.6686	0.118449	2.62235	2.62235	0.0172823	5.20383	5.20383	0.0559976	3.42544	3.42544	0.619305	1.3296	1.3296	2.21218	11.3342	4.55429	1
cg10490843	STARD3;STARD3;STARD3	0.138657	0.979829	0.99461	-1.00542	0.2986	0.794291	-1.25899	0.842453	0.958354	-1.04346	0.307096	0.79771	-1.25359	0.0327109	0.586166	-1.706	0.0621381	0.638326	-1.5666	0.0137447	0.521438	-1.91777	0.251199	0.773934	-1.2921	0.930559	1.01881	1.01881	2.21217	1.60092	0.643279	1
cg05006384	C14orf49	0.138659	0.102585	0.601125	-1.66355	0.228264	1.43379	1.43379	0.0636109	0.551995	-1.81161	0.183615	0.669003	-1.49476	0.588004	0.855691	-1.16865	0.41324	0.787933	-1.26914	0.176459	1.50599	1.50599	0.160366	1.53315	1.53315	0.316807	0.744631	-1.34295	2.21215	2.8444	1.14294	1
cg21190038	SERF2;MIR1282	0.138662	0.55831	0.724795	-1.3797	0.0319119	3.92377	3.92377	0.208002	2.05815	2.05815	0.78256	0.860343	-1.16233	0.0778021	0.344503	-2.90273	0.572704	0.73351	-1.36331	0.538952	0.713033	-1.40246	0.141712	2.36103	2.36103	0.2773	0.540999	-1.84843	2.21213	10.3577	4.16196	1
cg10043253	SLC13A5;SLC13A5	0.138664	0.173943	6.47471	6.47471	0.0270906	29.338	29.338	0.131981	8.16208	8.16208	0.105319	9.82727	9.82727	0.459338	0.377982	-2.64563	0.263753	4.50137	4.50137	0.631354	0.535641	-1.86692	0.0494606	18.0824	18.0824	0.94033	0.907852	-1.1015	2.21212	58.4235	23.4762	1
cg17342141	C10orf120;C10orf120	0.138673	0.481926	1.35747	1.35747	0.0362493	0.353055	-2.83242	0.154272	0.520962	-1.91952	0.609993	1.24604	1.24604	0.638317	1.22439	1.22439	0.919043	1.04443	1.04443	0.0245841	0.318276	-3.14193	0.330763	0.651089	-1.53589	0.146355	0.513403	-1.94779	2.21205	6.40544	2.57395	1
cg02561726	DUSP19;DUSP19	0.138674	0.604914	0.850603	-1.17564	0.511514	1.2293	1.2293	0.0210335	2.36443	2.36443	0.324137	0.729269	-1.37124	0.497924	1.2378	1.2378	0.327053	0.730743	-1.36847	0.100624	0.572589	-1.74645	0.384352	0.758403	-1.31856	0.162307	0.629675	-1.58812	2.21204	3.36768	1.35327	1
cg12214534	CDCA5;ZFPL1;CDCA5	0.138674	0.0774783	0.584008	-1.7123	0.495698	0.827307	-1.20874	0.114254	0.624494	-1.6013	0.221748	1.42186	1.42186	0.97506	0.991469	-1.0086	0.546609	1.18199	1.18199	0.0514263	0.544577	-1.83629	0.0439991	0.530313	-1.88568	0.412147	0.794688	-1.25836	2.21204	2.63126	1.05735	1
cg03613003	ANO1;ANO1	0.138675	0.0910848	0.732857	-1.36452	0.15511	1.28778	1.28778	0.907279	0.981015	-1.01935	0.61112	0.919006	-1.08813	0.531222	1.1102	1.1102	0.0255214	1.5663	1.5663	0.118384	1.3264	1.3264	0.358459	0.855559	-1.16883	0.923379	0.984299	-1.01595	2.33103	0.977975	0.326313	1
cg12194824	RPL36;RPL36	0.138675	0.136603	0.61299	-1.63135	0.65292	1.14814	1.14814	0.701984	1.12449	1.12449	0.761293	1.09744	1.09744	0.016289	0.408005	-2.45095	0.838259	1.06436	1.06436	0.0608584	0.524754	-1.90566	0.104302	0.581638	-1.71928	0.278204	0.708853	-1.41073	2.21203	3.26273	1.3111	1
cg04411625	CRIP1	0.138676	0.0364262	14.7781	14.7781	0.186569	4.71437	4.71437	0.119205	6.50548	6.50548	0.158317	5.3132	5.3132	0.969653	1.04303	1.04303	0.0789895	8.67138	8.67138	0.586597	0.544405	-1.83687	0.940118	1.08676	1.08676	0.0295404	17.0776	17.0776	2.21203	42.967	17.266	1
cg09637004	SLFNL1;SLFNL1	0.138679	0.794896	1.11774	1.11774	0.0431422	0.370052	-2.70233	0.187837	0.550831	-1.81544	0.212772	1.75187	1.75187	0.028041	0.329969	-3.03059	0.636211	0.815805	-1.22578	0.476279	0.733836	-1.3627	0.687629	1.18851	1.18851	0.113721	0.479363	-2.0861	2.212	6.39563	2.57007	1
cg19685881	SLCO3A1;SLCO3A1	0.138682	0.535585	1.16892	1.16892	0.314591	0.772029	-1.29529	0.0359713	0.544995	-1.83488	0.20501	1.39474	1.39474	0.80264	1.06429	1.06429	0.472751	1.19925	1.19925	0.123959	0.660676	-1.5136	0.104018	0.642605	-1.55617	0.118438	0.655915	-1.52459	2.21198	2.16852	0.871425	1
cg03645984	NAT14;SSC5D	0.138684	0.159082	0.597494	-1.67366	0.00760182	3.23706	3.23706	0.129203	1.75247	1.75247	0.539106	1.23712	1.23712	0.715674	1.13335	1.13335	0.543022	1.23452	1.23452	0.727835	0.887315	-1.127	0.55612	1.22596	1.22596	0.714121	0.8817	-1.13417	2.21197	4.10238	1.64856	1
cg18895859	CROCCL1	0.138692	0.144407	0.472813	-2.115	0.0695107	0.379096	-2.63786	0.51132	0.72741	-1.37474	0.321471	0.613018	-1.63127	0.0147974	0.238649	-4.19025	0.261151	0.571279	-1.75046	0.0724231	0.383759	-2.6058	0.249991	0.563067	-1.77599	0.0430921	0.328923	-3.04023	2.21191	7.99614	3.21337	1
cg20610891	C12orf44;C12orf44	0.138693	0.349678	1.08572	1.08572	0.0406844	1.22369	1.22369	0.311556	1.09356	1.09356	0.201031	0.891044	-1.12228	0.141057	1.1448	1.1448	0.811962	0.979847	-1.02057	0.0741274	0.843655	-1.18532	0.226	1.11473	1.11473	0.669583	1.03735	1.03735	2.2119	0.255653	0.102738	1
cg02630704	IER2;STX10	0.138695	0.0735886	0.672131	-1.48781	0.401687	0.842855	-1.18644	0.126375	1.3901	1.3901	0.0373079	0.61791	-1.61836	0.489702	0.86956	-1.15001	0.519592	0.878072	-1.13886	0.157193	0.739843	-1.35164	0.206187	0.766753	-1.3042	0.310885	1.23224	1.23224	2.21189	1.3898	0.558516	1
cg08162803	TCIRG1	0.138696	0.0646159	3.65454	3.65454	0.0552556	3.8834	3.8834	0.0757187	3.43584	3.43584	0.11083	2.95846	2.95846	0.729117	0.804888	-1.24241	0.309108	1.92938	1.92938	0.332059	1.86784	1.86784	0.282529	0.497973	-2.00814	0.0935614	3.16286	3.16286	2.21188	13.6557	5.4878	1
cg19140602	ARMC4	0.138699	0.0556942	0.0742315	-13.4714	0.582878	1.94502	1.94502	0.29578	0.272413	-3.67089	0.183724	0.184209	-5.42862	0.0392824	0.0572327	-17.4725	0.954162	0.933374	-1.07138	0.0185363	0.0325476	-30.7242	0.365627	0.327933	-3.0494	0.287495	0.265894	-3.7609	2.21185	50.4004	20.2547	1
cg26917462	IRF2BP2;IRF2BP2	0.1387	0.0966909	0.283748	-3.52426	0.392377	1.80388	1.80388	0.688193	0.763566	-1.30964	0.81173	1.17277	1.17277	?	?	?	0.0999433	0.288117	-3.47082	0.0213024	0.138015	-7.24556	0.813057	1.17142	1.17142	0.371359	1.85609	1.85609	2.51482	15.0196	4.47932	1
cg01514828	SRCIN1	0.138702	0.0261854	0.295651	-3.38237	0.483215	1.38983	1.38983	0.984596	0.991121	-1.00896	0.607853	1.27011	1.27011	0.0957969	0.429507	-2.32825	0.140377	0.480594	-2.08076	0.185673	0.522936	-1.91228	0.675825	1.21443	1.21443	0.0573771	0.370454	-2.69939	2.21183	7.47577	3.00435	1
cg16347023	TMEM8A	0.138703	0.378613	1.23994	1.23994	0.00772462	2.25855	2.25855	0.395659	0.812935	-1.23011	0.178016	0.711238	-1.406	0.497507	0.848757	-1.17819	0.698915	1.09695	1.09695	0.360395	1.2509	1.2509	0.687652	0.908261	-1.101	0.815942	0.946	-1.05708	2.21183	1.98562	0.797981	1
cg21227325	PCSK5	0.138705	0.130298	0.598087	-1.672	0.020682	0.416264	-2.40232	0.801454	0.923799	-1.08249	0.160488	0.623994	-1.60258	0.0228627	0.424617	-2.35506	0.319957	0.72377	-1.38165	0.705026	0.887247	-1.12708	0.410129	1.30339	1.30339	0.478532	0.79721	-1.25438	2.21181	3.46629	1.39304	1
cg11442052	ARPP-21;ARPP-21;ARPP-21;ARPP-21	0.138711	0.77534	1.27503	1.27503	0.0114164	14.7073	14.7073	0.0199444	10.8625	10.8625	0.755052	1.30441	1.30441	0.54352	0.593253	-1.68562	0.512179	1.75853	1.75853	0.997616	1.00254	1.00254	0.3205	2.39078	2.39078	0.904093	0.902708	-1.10778	2.21177	25.2574	10.1507	1
cg15345074	TTTY14	0.138712	0.106569	0.196091	-5.09968	0.363279	2.35298	2.35298	0.718982	1.39061	1.39061	?	?	?	0.082774	5.93123	5.93123	0.0349562	0.100646	-9.93583	0.568901	1.69206	1.69206	0.334043	0.401333	-2.49169	0.994422	1.0064	1.0064	2.34863	26.9216	10.0298	1
cg13913012	SPOCK3;SPOCK3;SPOCK3;SPOCK3	0.138713	0.603691	0.952143	-1.05026	0.0474754	1.23653	1.23653	0.0820723	1.1977	1.1977	0.498137	0.93763	-1.06652	0.352973	0.91439	-1.09362	0.328131	0.90981	-1.09913	0.187144	0.877285	-1.13988	0.932731	1.00794	1.00794	0.0907224	1.19067	1.19067	2.21175	0.307163	0.123447	1
cg02848106	SKIL;SKIL;SKIL	0.138714	0.319261	0.678211	-1.47447	0.864914	0.937785	-1.06634	0.979029	1.00997	1.00997	0.88822	1.05449	1.05449	0.020519	0.3489	-2.86615	0.298489	1.50163	1.50163	0.0456197	2.37418	2.37418	0.407647	0.726489	-1.37648	0.381023	1.4035	1.4035	2.21175	4.98525	2.00354	1
cg22255690	RCBTB2	0.138714	0.573724	0.836607	-1.1953	0.920767	1.03172	1.03172	0.176512	0.637032	-1.56978	0.273587	0.699369	-1.42986	0.00674771	0.332125	-3.01092	0.171329	0.633121	-1.57948	0.287243	1.41452	1.41452	0.741418	0.901293	-1.10952	0.288737	0.707769	-1.41289	2.21175	3.45028	1.38665	1
cg03356157	ZDHHC2	0.138714	0.701749	0.910958	-1.09775	0.0579873	0.594884	-1.681	0.975567	0.992605	-1.00745	0.908945	0.972652	-1.02812	0.0170132	0.493984	-2.02436	0.304364	0.772745	-1.29409	0.832757	1.05259	1.05259	0.088603	1.57661	1.57661	0.924827	1.02314	1.02314	2.21174	2.05761	0.826943	1
cg04778236	SPSB1	0.138715	0.0907409	0.178398	-5.60546	0.0580981	0.137908	-7.25123	0.302049	0.371954	-2.68851	0.748013	1.34737	1.34737	0.0318213	0.09756	-10.2501	0.21306	0.297312	-3.36347	0.0235124	0.0818831	-12.2125	0.34272	0.404867	-2.46995	0.362974	0.421121	-2.37461	2.21174	29.971	12.0452	1
cg09217609	MOAP1;C14orf109;C14orf109	0.138715	0.850174	1.05387	1.05387	0.215437	0.696466	-1.43582	0.479282	1.22084	1.22084	0.0605301	0.555907	-1.79886	0.885617	1.04074	1.04074	0.809993	1.06911	1.06911	0.0226969	0.469194	-2.13132	0.742805	0.912693	-1.09566	0.105869	1.63238	1.63238	2.21174	2.69625	1.08361	1
cg16989201	SNORD115-41	0.138715	0.0266219	0.153537	-6.5131	0.120604	0.301011	-3.32214	0.237274	0.413547	-2.41811	0.277565	0.446955	-2.23736	0.0221962	0.141533	-7.06549	0.388539	0.532468	-1.87805	0.120725	0.301149	-3.32062	0.145857	0.328401	-3.04505	0.0659782	0.229684	-4.35381	2.21174	17.8156	7.16003	1
cg12286636	KLHDC5	0.138719	0.591494	0.898373	-1.11312	0.185995	0.757763	-1.31967	0.471376	0.865081	-1.15596	0.10571	0.704972	-1.4185	0.00934112	0.520917	-1.91969	0.28708	0.803589	-1.24442	0.929804	0.982722	-1.01758	0.19269	1.31355	1.31355	0.929112	1.01776	1.01776	2.21171	1.37076	0.55091	1
cg22589728	FOXP1;FOXP1	0.138723	0.88476	0.940641	-1.0631	0.640462	0.819978	-1.21955	0.968244	0.983343	-1.01694	0.0549977	0.399272	-2.50456	0.0129764	0.272273	-3.67279	0.582115	1.26429	1.26429	0.397024	1.44186	1.44186	0.251648	1.65753	1.65753	0.374175	0.680521	-1.46946	2.21168	6.23633	2.50642	1
cg13926096	ASAP1IT1;ASAP1	0.138723	0.979131	1.00815	1.00815	0.014044	0.390221	-2.56265	0.147346	0.617237	-1.62012	0.0706039	0.53418	-1.87203	0.66288	1.14582	1.14582	0.179558	0.642504	-1.55641	0.405458	1.3023	1.3023	0.99986	0.999946	-1.00005	0.587834	1.18509	1.18509	2.21168	3.37334	1.35577	1
cg19039586	PLXNA3	0.138723	0.0159355	0.158206	-6.32087	0.0586274	0.263293	-3.79805	0.608236	0.723987	-1.38124	0.245874	2.13437	2.13437	0.325704	0.530499	-1.88502	0.072162	0.285442	-3.50334	0.614482	0.728131	-1.37338	0.943039	0.956342	-1.04565	0.339052	0.540316	-1.85077	2.21167	13.6698	5.49401	1
cg15690573	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.138724	0.143669	0.364352	-2.7446	0.776504	0.832859	-1.20068	0.786799	1.19031	1.19031	0.719314	0.793023	-1.261	0.0340318	0.203945	-4.90328	0.13398	0.353967	-2.82512	0.016804	0.153361	-6.52058	0.0782169	0.284418	-3.51596	0.492686	0.639076	-1.56476	2.21167	14.4644	5.81335	1
cg18268363	MRGPRD	0.138725	0.206501	0.535294	-1.86813	0.157988	0.492626	-2.02994	0.0122946	0.231665	-4.31657	0.0788096	0.400318	-2.49801	0.0764135	0.396712	-2.52072	0.660254	0.812636	-1.23056	0.728264	0.849085	-1.17774	0.0552407	0.360852	-2.77122	0.368069	0.648144	-1.54287	2.21166	7.70587	3.09707	1
cg05099508	SPAG6;SPAG6;SPAG6;SPAG6	0.138725	0.7624	0.763325	-1.31006	0.668847	0.681646	-1.46704	0.647075	0.663269	-1.50769	0.670621	0.683152	-1.4638	0.165393	0.267717	-3.73529	0.095222	0.195382	-5.11817	0.750642	0.752787	-1.3284	0.00964354	18.5	18.5	0.958099	0.954281	-1.04791	2.21166	27.7879	11.1682	1
cg27483072	STK24	0.138726	0.149005	1.42831	1.42831	0.790131	0.940403	-1.06337	0.0754044	0.63382	-1.57774	0.130235	1.45716	1.45716	0.726995	0.922432	-1.08409	0.554236	1.14776	1.14776	0.0703354	1.59359	1.59359	0.0985982	0.658863	-1.51777	0.912887	0.975106	-1.02553	2.21165	1.85876	0.747059	1
cg26266842	LPPR5;LPPR5	0.138727	0.259505	1.24943	1.24943	0.581765	1.11106	1.11106	0.00345409	2.12056	2.12056	0.801816	1.04876	1.04876	0.534137	1.1266	1.1266	0.189867	1.30065	1.30065	0.164665	1.32399	1.32399	0.673244	1.08361	1.08361	0.980182	0.995309	-1.00471	2.21165	1.25539	0.504555	1
cg15169878	KCTD17	0.138727	0.171283	0.800788	-1.24877	0.548347	1.09706	1.09706	0.354957	1.15619	1.15619	0.142475	0.786273	-1.27182	0.968197	1.0061	1.0061	0.0161476	0.638343	-1.56656	0.718501	1.05676	1.05676	0.575518	1.09011	1.09011	0.177089	1.2446	1.2446	2.21165	0.814791	0.327474	1
cg18677812	SCN11A	0.138729	0.0246207	0.123832	-8.07544	0.43004	1.87507	1.87507	0.213179	0.359469	-2.78188	0.667012	1.40188	1.40188	0.667825	0.713961	-1.40064	0.810895	1.20572	1.20572	0.865933	1.14096	1.14096	0.0452699	0.166544	-6.0044	0.0618988	0.193819	-5.15944	2.21163	21.3347	8.57476	1
cg02120013	DGKK	0.13873	0.0276176	0.10499	-9.52473	0.683562	1.42568	1.42568	0.817624	1.22127	1.22127	0.111825	4.47496	4.47496	0.0857659	5.17216	5.17216	0.104676	0.215514	-4.64007	0.942232	0.93921	-1.06472	0.936562	0.933433	-1.07131	0.801999	1.24289	1.24289	2.21163	26.2315	10.5429	1
cg27003765	SLC44A4;SLC44A4	0.138737	0.41952	1.50175	1.50175	0.537503	1.36043	1.36043	0.0449565	3.10945	3.10945	0.0238997	3.77619	3.77619	0.79831	1.13456	1.13456	0.630902	0.787682	-1.26955	0.052937	2.95774	2.95774	0.057125	2.88957	2.88957	0.545149	1.35242	1.35242	2.21157	8.51331	3.42173	1
cg07905836	RGPD8;RGPD5	0.138738	0.144057	1.46561	1.46561	0.0113021	0.461743	-2.16571	0.2385	1.35083	1.35083	0.874323	1.03931	1.03931	0.528566	1.16826	1.16826	0.209389	0.724507	-1.38025	0.59805	1.13836	1.13836	0.764561	0.929452	-1.0759	0.586481	0.874782	-1.14314	2.21157	2.07809	0.835241	1
cg20134241	LOC339290;C18orf18	0.138741	0.126427	0.713266	-1.402	0.0333377	1.66241	1.66241	0.758315	0.938873	-1.06511	0.130353	0.716128	-1.3964	0.397915	0.837871	-1.1935	0.203866	0.760284	-1.3153	0.183088	0.749235	-1.33469	0.268909	1.26531	1.26531	0.702171	0.924483	-1.08169	2.21154	1.46292	0.587995	1
cg19655070	HEXIM2	0.138741	?	?	?	0.0597916	2.17145	2.17145	0.0230758	0.370851	-2.6965	0.207141	0.615294	-1.62524	0.921594	1.03659	1.03659	0.388146	0.724048	-1.38112	0.575139	1.22966	1.22966	0.681296	0.860058	-1.16271	0.550773	1.24652	1.24652	2.2306	4.18513	1.87624	1
cg15035145	SCFD2	0.138742	0.327349	1.27328	1.27328	0.022925	1.916	1.916	0.111351	1.51346	1.51346	0.292611	0.770368	-1.29808	0.693552	1.09925	1.09925	0.409485	0.817457	-1.22331	0.0695282	1.6243	1.6243	0.778088	0.93472	-1.06984	0.48584	0.84433	-1.18437	2.21153	1.99976	0.803769	1
cg03775632	CALD1;CALD1;CALD1;CALD1;CALD1	0.138744	0.410524	1.18434	1.18434	0.137538	1.37922	1.37922	0.988972	1.00278	1.00278	0.972402	0.993069	-1.00698	0.0147396	1.82831	1.82831	0.229084	1.28883	1.28883	0.0170295	1.79476	1.79476	0.461615	1.16261	1.16261	0.904861	1.02433	1.02433	2.21152	1.41558	0.56897	1
cg08103676	6-Mar	0.138746	0.137526	0.763817	-1.30921	0.949115	1.01081	1.01081	0.787172	1.04664	1.04664	0.60077	0.914894	-1.09302	0.927192	0.984721	-1.01552	0.162079	0.77765	-1.28593	0.0451233	0.67892	-1.47293	0.0263715	1.55834	1.55834	0.898058	0.978639	-1.02183	2.2115	0.993969	0.399515	1
cg13726789	GPR124	0.138748	0.044615	0.256639	-3.89652	0.0271146	0.213729	-4.67882	0.0544277	0.276023	-3.62289	0.24485	0.487937	-2.04944	0.0619888	0.289503	-3.45419	0.308176	0.536783	-1.86295	0.229595	0.475408	-2.10345	0.0706247	0.303708	-3.29264	0.303744	0.533501	-1.87441	2.21149	12.186	4.89805	1
cg10222038	FLJ44817	0.138749	0.028372	0.553349	-1.80718	0.540692	0.867939	-1.15215	0.470684	1.18272	1.18272	0.832559	1.04961	1.04961	0.119164	1.47219	1.47219	0.468604	0.844818	-1.18369	0.0507253	1.66378	1.66378	0.326814	1.26049	1.26049	0.900672	1.02897	1.02897	2.21148	1.83176	0.736262	1
cg05819172	PHC2;PHC2	0.13875	0.234121	0.69414	-1.44063	0.953661	0.983135	-1.01715	0.230977	0.692265	-1.44453	0.940289	0.978311	-1.02217	0.722086	0.900746	-1.11019	0.0200314	0.439806	-2.27373	0.969133	0.988738	-1.01139	0.494033	1.22542	1.22542	0.015318	0.418404	-2.39003	2.21148	3.00068	1.2061	1
cg14430943	RBM33	0.138751	0.303057	1.55067	1.55067	0.0229189	3.06214	3.06214	0.642121	1.21223	1.21223	0.561451	0.785494	-1.27308	0.223645	0.591117	-1.69171	0.427768	0.716815	-1.39506	0.0854512	2.18543	2.18543	0.175958	1.80705	1.80705	0.420485	0.712883	-1.40276	2.21147	5.92263	2.38058	1
cg13270873	TRPS1	0.138752	0.0728093	0.496393	-2.01453	0.159489	1.69233	1.69233	0.161864	1.68662	1.68662	0.141352	0.574922	-1.73937	0.106017	0.539116	-1.85489	0.857945	0.939224	-1.06471	0.220952	0.637434	-1.56879	0.186664	0.612697	-1.63213	0.597174	1.20519	1.20519	2.21146	4.28955	1.72417	1
cg07842289	GCNT4	0.138753	0.0271949	0.339346	-2.94685	0.267027	0.619987	-1.61294	0.446186	0.72541	-1.37853	0.727477	1.15562	1.15562	0.0230452	0.325083	-3.07613	0.244884	1.6535	1.6535	0.509646	1.31854	1.31854	0.98691	0.993241	-1.00681	0.524636	0.766023	-1.30544	2.21146	5.98618	2.40613	1
cg23648082	TMC2	0.138756	0.950851	0.980185	-1.02022	0.00818554	3.13718	3.13718	0.354236	1.36451	1.36451	0.908801	1.03791	1.03791	0.158246	1.64023	1.64023	0.522717	1.23461	1.23461	0.029378	2.35142	2.35142	0.337371	1.38076	1.38076	0.420091	1.30778	1.30778	2.33036	3.80875	1.2712	1
cg25115276	GAK	0.138757	0.902191	1.02634	1.02634	0.00919809	2.01254	2.01254	0.0356055	1.67754	1.67754	0.241804	1.29578	1.29578	0.887001	1.03053	1.03053	0.412169	1.19404	1.19404	0.133298	1.40848	1.40848	0.800816	0.947937	-1.05492	0.953938	1.01229	1.01229	2.21143	1.56668	0.62973	1
cg11946458	TMEM217;TMEM217	0.13876	0.0648295	0.734701	-1.3611	0.99278	1.00135	1.00135	0.271163	0.843398	-1.18568	0.166041	1.24556	1.24556	0.156158	0.79808	-1.25301	0.0603455	1.37015	1.37015	0.16698	1.24488	1.24488	0.791098	0.9613	-1.04026	0.945556	1.01021	1.01021	2.2114	0.774126	0.311166	1
cg24507551	GTF2H4	0.138761	0.762518	1.1563	1.1563	0.0730387	0.383634	-2.60665	0.0434031	0.328536	-3.0438	0.883491	0.932145	-1.07279	0.0809378	0.395612	-2.52773	0.0282274	0.288953	-3.46077	0.193454	0.517166	-1.93361	0.998691	1.00079	1.00079	0.140745	0.468021	-2.13666	2.21139	8.04202	3.23256	1
cg13840174	IGSF21	0.138765	0.783822	0.896663	-1.11525	0.106664	2.01113	2.01113	0.120703	0.512975	-1.94941	0.994341	0.997191	-1.00282	0.694329	0.854999	-1.16959	0.516311	1.29825	1.29825	0.0740995	2.20218	2.20218	0.288453	1.5482	1.5482	0.0482451	0.408485	-2.44807	2.21136	5.50978	2.21473	1
cg13436679	ZNF107;ZNF107	0.138766	0.713911	1.14468	1.14468	0.275383	0.659389	-1.51656	0.954078	0.979087	-1.02136	0.551913	1.24716	1.24716	0.906973	1.04384	1.04384	0.210797	0.616381	-1.62237	0.151369	1.75802	1.75802	0.0111809	3.21183	3.21183	0.177468	1.69213	1.69213	2.21136	4.71693	1.89604	1
cg06703856	AFF4	0.138769	0.247656	0.442106	-2.2619	0.00923601	0.10739	-9.31187	0.0959794	0.290957	-3.43693	0.347258	1.92238	1.92238	0.430191	0.580559	-1.72248	0.408911	0.56532	-1.76891	0.11653	0.316116	-3.1634	0.864834	0.89132	-1.12193	0.822742	1.1636	1.1636	2.21133	15.971	6.41985	1
cg02438545	CDC14B;CDC14B	0.138771	0.528993	1.29299	1.29299	0.0850758	0.464359	-2.15351	0.353935	0.680961	-1.46851	0.126294	1.94722	1.94722	0.616442	1.22565	1.22565	0.0491293	2.47164	2.47164	0.668151	1.18976	1.18976	0.773928	0.890446	-1.12303	0.0556128	2.39616	2.39616	2.21132	5.68489	2.28516	1
cg10677351	BTBD2	0.138771	0.337624	0.726764	-1.37596	0.430135	1.29694	1.29694	0.786456	0.916061	-1.09163	0.0184257	0.397274	-2.51716	0.145735	0.60394	-1.65579	0.0466622	0.479287	-2.08643	0.896961	1.04272	1.04272	0.675758	1.14546	1.14546	0.355213	1.35942	1.35942	2.21132	3.65063	1.46745	1
cg13305312	CDC20	0.138771	?	?	?	0.0256391	3.9118	3.9118	0.865042	1.09147	1.09147	0.356495	1.62898	1.62898	0.144439	0.446371	-2.24029	0.738723	1.18795	1.18795	0.0924116	2.59323	2.59323	0.610167	1.30285	1.30285	0.0866563	2.64768	2.64768	2.23037	8.31206	3.72677	1
cg04165366	ASAP1	0.138776	0.143316	0.624667	-1.60085	0.0225339	0.441579	-2.2646	0.319574	0.735115	-1.36033	0.126889	0.610206	-1.63879	0.578247	1.18296	1.18296	0.881187	0.95624	-1.04576	0.0791949	1.79149	1.79149	0.787006	1.0844	1.0844	0.877568	0.954925	-1.0472	2.21128	3.13476	1.26011	1
cg02705964	LOC651250	0.138778	0.158062	0.45131	-2.21577	0.0572636	3.10759	3.10759	0.0255234	4.05134	4.05134	0.161929	2.19742	2.19742	0.532473	0.716544	-1.39559	0.738026	1.19358	1.19358	0.189484	2.08068	2.08068	0.981077	1.01258	1.01258	0.396557	1.58038	1.58038	2.21127	9.73276	3.91239	1
cg20030796	BTBD17	0.138779	0.0792965	0.252532	-3.95989	0.757523	0.803498	-1.24456	0.952448	1.04303	1.04303	0.117653	3.32177	3.32177	0.0335245	0.172989	-5.78071	0.129051	3.18599	3.18599	0.294603	2.15532	2.15532	0.966125	1.03046	1.03046	0.949759	1.04552	1.04552	2.21126	17.4791	7.0263	1
cg14991804	FAM53B	0.138779	0.938636	0.955614	-1.04645	0.60473	1.36057	1.36057	0.0391034	4.08766	4.08766	0.745359	1.21186	1.21186	0.0229689	0.201099	-4.97268	0.0996867	0.345089	-2.8978	0.817895	1.14568	1.14568	0.86902	0.907268	-1.10221	0.684023	0.785623	-1.27288	2.21126	12.1773	4.89505	1
cg27311970	GLIS1	0.138779	0.0676629	0.266934	-3.74624	0.945065	0.956512	-1.04547	0.762068	0.822076	-1.21643	0.579459	1.43501	1.43501	0.00739521	0.107895	-9.26825	0.503646	1.54942	1.54942	0.353245	0.539946	-1.85204	0.794377	1.18356	1.18356	0.300832	0.50072	-1.99713	2.21126	14.5791	5.86056	1
cg24531714	MYBL1;MYBL1	0.138785	0.348488	0.611574	-1.63513	0.068023	0.353046	-2.83249	0.130249	0.434925	-2.29924	0.323263	0.594665	-1.68162	0.0198895	0.238838	-4.18694	0.793558	0.874932	-1.14295	0.0528781	0.325976	-3.06771	0.354929	1.62387	1.62387	0.854386	0.910654	-1.09811	2.21122	9.08898	3.65369	1
cg19453618	CYP26A1;CYP26A1;CYP26A1	0.138785	0.871016	1.02849	1.02849	0.19524	1.26721	1.26721	0.93392	1.01444	1.01444	0.252761	1.22937	1.22937	0.0335721	1.53598	1.53598	0.0204526	1.62071	1.62071	0.69053	0.933158	-1.07163	0.174885	1.2833	1.2833	0.0665612	1.42709	1.42709	2.21121	1.04655	0.420704	1
cg10912077	LMO4	0.138786	0.420697	0.891614	-1.12156	0.273026	1.17245	1.17245	0.0873678	1.30109	1.30109	0.671238	1.06135	1.06135	0.717725	1.05193	1.05193	0.0673354	1.33095	1.33095	0.0260279	0.691843	-1.44541	0.804748	0.966048	-1.03515	0.855362	1.02577	1.02577	2.21121	0.681105	0.273799	1
cg12919388	SNORD115-13	0.138787	0.0486245	0.357324	-2.79858	0.58053	0.774897	-1.29049	0.497867	0.730209	-1.36947	0.704535	1.19014	1.19014	0.0430379	0.345163	-2.89718	0.58568	1.28595	1.28595	0.136427	2.08153	2.08153	0.788336	1.13082	1.13082	0.0781941	0.408996	-2.44501	2.2112	7.31076	2.93889	1
cg10535500	SYNGAP1	0.138789	0.112443	0.608169	-1.64428	0.482135	1.22824	1.22824	0.0966995	1.69005	1.69005	0.45423	1.2453	1.2453	0.0180444	0.43752	-2.28561	0.443479	1.25212	1.25212	0.850239	1.0559	1.0559	0.524383	1.204	1.204	0.74225	0.909398	-1.09963	2.21119	2.90016	1.16585	1
cg16965552	SPATA6	0.138797	0.693145	0.858904	-1.16427	0.338536	1.45988	1.45988	0.691294	0.858065	-1.16541	0.66689	1.18066	1.18066	0.662386	1.18352	1.18352	0.404467	1.38701	1.38701	0.00584225	0.250555	-3.99114	0.203411	0.597575	-1.67343	0.834125	1.08375	1.08375	2.21113	5.15079	2.07065	1
cg04800684	L2HGDH;ATP5S;ATP5S;ATP5S	0.138799	0.396767	0.887569	-1.12667	0.875571	1.02177	1.02177	0.0996844	0.78036	-1.28146	0.114151	0.789619	-1.26643	0.0534588	0.739713	-1.35187	0.0395027	0.720855	-1.38724	0.731797	0.953814	-1.04842	0.957012	1.00744	1.00744	0.148561	1.23735	1.23735	2.21111	0.661563	0.265954	1
cg06871246	KIAA1530	0.1388	0.829567	0.911896	-1.09662	0.028971	0.332367	-3.00872	0.194648	0.556002	-1.79855	0.759341	0.876811	-1.1405	0.0140656	0.273361	-3.65816	0.473334	0.731962	-1.36619	0.198265	0.558934	-1.78912	0.341294	1.52125	1.52125	0.643805	0.819376	-1.22044	2.2111	6.41014	2.57695	1
cg26335942	MGC14436;MGC14436	0.138802	0.726684	1.135	1.135	0.379931	0.722507	-1.38407	0.0587865	0.462888	-2.16035	0.0286127	2.5393	2.5393	0.550594	0.804188	-1.24349	0.288154	1.48876	1.48876	0.281198	1.49807	1.49807	0.836262	1.07754	1.07754	0.150072	1.74506	1.74506	2.21109	4.56027	1.83329	1
cg07770866	SNTB1	0.138804	0.447763	0.84236	-1.18714	0.779015	1.06436	1.06436	0.439385	0.839578	-1.19107	0.995592	0.998776	-1.00123	0.0344245	0.578688	-1.72805	0.905294	1.02674	1.02674	0.0193863	0.534287	-1.87165	0.585915	0.885179	-1.12972	0.0339297	0.577532	-1.73151	2.21108	1.72153	0.692085	1
cg00296079	F11R;F11R	0.138805	0.258328	1.39999	1.39999	0.296449	1.36182	1.36182	0.820491	1.06699	1.06699	0.249619	1.40951	1.40951	0.0209215	0.4526	-2.20945	0.633424	0.871915	-1.1469	0.750324	0.912951	-1.09535	0.0718738	1.77398	1.77398	0.395641	0.780231	-1.28167	2.21107	2.8498	1.14567	1
cg05711037	DGKD;DGKD	0.138805	0.444085	0.736664	-1.35747	0.634905	1.20607	1.20607	0.375168	0.700099	-1.42837	0.0485101	0.413602	-2.41778	0.00777409	0.262164	-3.8144	0.573958	0.800496	-1.24923	0.109153	0.504447	-1.98237	0.668446	0.844707	-1.18384	0.280246	0.644254	-1.55218	2.21107	5.37306	2.16007	1
cg26162700	TMEM132C	0.138807	0.610242	0.792404	-1.26198	0.91861	0.95479	-1.04735	0.710661	0.844796	-1.18372	0.612365	0.793519	-1.26021	0.0519239	0.367499	-2.72109	0.260749	0.588071	-1.70048	0.0101209	0.23028	-4.34254	0.0363886	0.332538	-3.00717	0.564511	0.768255	-1.30165	2.21105	7.17412	2.88415	1
cg03364498	UNC84A;UNC84A	0.138809	0.819316	0.946306	-1.05674	0.242292	1.34337	1.34337	0.332329	1.27282	1.27282	0.109892	0.656817	-1.52249	0.713028	1.0932	1.0932	0.871571	0.961726	-1.0398	0.00817139	2.26246	2.26246	0.582897	1.14314	1.14314	0.356636	1.25695	1.25695	2.21104	2.03743	0.819096	1
cg21254939	SORCS2	0.138809	0.120313	0.486422	-2.05583	0.0256678	0.321896	-3.1066	0.0510334	0.386555	-2.58696	0.995117	0.997386	-1.00262	0.0983389	0.460537	-2.17138	0.314137	1.56083	1.56083	0.794637	0.894433	-1.11803	0.588933	0.791887	-1.26281	0.526694	1.31566	1.31566	2.21104	6.40542	2.57513	1
cg19724522	TRIM61	0.138809	0.0650493	0.354343	-2.82212	0.31864	0.596785	-1.67565	0.600118	0.767267	-1.30333	0.424991	1.50386	1.50386	0.0136997	0.217254	-4.6029	0.743879	0.848577	-1.17844	0.796534	1.13815	1.13815	0.221645	0.525521	-1.90287	0.0680195	0.359312	-2.7831	2.21104	8.78346	3.53116	1
cg05251861	ARHGAP27	0.13881	0.129085	1.544	1.544	0.249268	1.37566	1.37566	0.325988	1.30813	1.30813	0.41075	0.800288	-1.24955	0.041279	0.536069	-1.86543	0.748637	0.918374	-1.08888	0.129291	1.54358	1.54358	0.100408	1.61071	1.61071	0.796331	0.93379	-1.0709	2.21103	2.45643	0.987545	1
cg25680865	RHBDD2;RHBDD2	0.138818	0.0128141	0.689045	-1.45128	0.881235	1.01818	1.01818	0.0959701	1.24642	1.24642	0.297891	0.878085	-1.13884	0.843364	1.02412	1.02412	0.0935725	0.800761	-1.24881	0.612192	0.940265	-1.06353	0.626434	0.942612	-1.06088	0.482031	0.917509	-1.08991	2.21097	0.508301	0.204355	1
cg02216481	ALOX15B;ALOX15B;ALOX15B	0.138818	0.49396	0.852764	-1.17266	0.137744	1.44265	1.44265	0.0238776	0.538967	-1.8554	0.978976	0.993976	-1.00606	0.386027	1.226	1.226	0.342881	1.25114	1.25114	0.215197	1.34869	1.34869	0.319581	0.789908	-1.26597	0.164824	1.40462	1.40462	2.21097	1.84098	0.740139	1
cg04723886	LPCAT1	0.138818	0.835496	0.924211	-1.082	0.127538	1.86742	1.86742	0.706942	1.15391	1.15391	0.203608	1.66297	1.66297	0.00932598	0.286512	-3.49025	0.769122	1.11802	1.11802	0.548895	0.794621	-1.25846	0.424358	1.3624	1.3624	0.691715	1.16307	1.16307	2.21097	5.03063	2.0225	1
cg13508800	COBL	0.138823	0.243671	0.582255	-1.71746	0.84607	1.08729	1.08729	0.251873	1.69919	1.69919	?	?	?	?	?	?	?	?	?	0.328018	0.641736	-1.55827	0.0281395	3.49798	3.49798	0.298925	1.60691	1.60691	2.80453	5.03083	1.49486	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08664849	TBC1D24	0.138824	0.988722	0.992551	-1.0075	0.115799	2.46999	2.46999	0.0523335	3.21326	3.21326	0.204373	0.492398	-2.03088	0.352057	0.602556	-1.6596	0.325355	0.584385	-1.7112	0.157815	2.22298	2.22298	0.558591	1.36739	1.36739	0.127309	0.41802	-2.39223	2.21093	9.79763	3.93907	1
cg11598658	NAV3	0.138824	0.455657	0.840346	-1.18999	0.587086	1.13374	1.13374	0.0678273	0.626088	-1.59722	0.654894	0.902135	-1.10848	0.0643307	1.60931	1.60931	0.750178	0.929482	-1.07587	0.035723	1.74976	1.74976	0.317638	1.26677	1.26677	0.402575	1.21665	1.21665	2.21092	1.83504	0.737769	1
cg07094847	HOXA3;HOXA3	0.138825	0.815183	0.84474	-1.1838	0.0154496	0.117522	-8.50908	0.65289	0.721638	-1.38574	0.942784	1.05308	1.05308	0.1614	0.340381	-2.93789	0.1863	0.364349	-2.74462	0.02247	0.13945	-7.17104	0.104985	0.278981	-3.58447	0.61933	0.697056	-1.43461	2.21092	18.1824	7.31013	1
cg20417128	PXDN	0.138825	0.642728	0.768318	-1.30154	0.733237	0.82448	-1.21289	0.112781	0.377624	-2.64814	0.538893	0.703988	-1.42048	0.0271695	0.228747	-4.37164	0.0542219	0.29155	-3.42994	0.0214392	0.210333	-4.75436	0.898911	1.07434	1.07434	0.940545	1.04298	1.04298	2.21092	11.1449	4.48076	1
cg10615091	FAM13C;FAM13C;FAM13C;FAM13C;FAM13C;FAM13C;FAM13C	0.138827	0.32988	0.8612	-1.16117	0.0386456	1.42751	1.42751	0.0141739	1.56795	1.56795	0.191344	1.22824	1.22824	0.333641	1.15974	1.15974	0.278172	1.18244	1.18244	0.716947	1.0556	1.0556	0.89221	1.02035	1.02035	0.188703	1.22993	1.22993	2.21091	0.773331	0.310916	1
cg05159188	HIST1H4F	0.138827	0.084696	12.5617	12.5617	0.0147229	53.7533	53.7533	0.147934	7.84674	7.84674	0.874896	1.23258	1.23258	0.104428	10.5457	10.5457	0.184195	6.48538	6.48538	0.0734675	14.1354	14.1354	0.530049	2.32621	2.32621	0.084209	12.6221	12.6221	2.2109	61.6775	24.7973	1
cg26061177	ADAMTS9	0.138831	0.0751952	4.24503	4.24503	0.0414481	5.56224	5.56224	0.569513	1.52116	1.52116	0.989894	0.9908	-1.00929	0.142927	3.15495	3.15495	0.0556239	4.86805	4.86805	0.654768	1.38879	1.38879	0.0195066	7.84709	7.84709	0.60042	1.47061	1.47061	2.21088	18.646	7.49667	1
cg27304079	NR3C2;NR3C2	0.138831	0.115286	0.586625	-1.70467	0.0730137	1.86429	1.86429	0.109807	1.72117	1.72117	0.398986	0.764158	-1.30863	0.474478	0.797258	-1.2543	0.237273	1.47062	1.47062	0.304671	0.718113	-1.39254	0.435353	1.28136	1.28136	0.121786	1.68621	1.68621	2.21087	3.39773	1.36607	1
cg05144954	UPF2;UPF2	0.138832	0.0909189	1.19838	1.19838	0.909971	1.01105	1.01105	0.934035	1.00808	1.00808	0.283005	1.1145	1.1145	0.0297931	1.2821	1.2821	0.928987	1.0087	1.0087	0.161361	1.15645	1.15645	0.0529643	0.807571	-1.23828	0.687875	1.04003	1.04003	2.21087	0.330671	0.132948	1
cg18224077	LOC399959	0.138833	0.0173925	0.624382	-1.60158	0.0394654	0.678809	-1.47317	0.61125	0.92001	-1.08694	0.609837	0.919701	-1.08731	0.229874	0.814731	-1.2274	0.827476	0.965124	-1.03614	0.355989	1.16698	1.16698	0.358849	1.16585	1.16585	0.551688	1.1029	1.1029	2.21086	0.92624	0.3724	1
cg27427227	PLEKHM3	0.138833	0.14439	0.425026	-2.3528	0.102656	0.377385	-2.64982	0.0443684	0.283613	-3.52593	0.810478	0.87713	-1.14008	0.10673	0.382489	-2.61446	0.221023	0.495574	-2.01786	0.0361025	0.26446	-3.78129	0.280338	1.8448	1.8448	0.446766	0.654968	-1.52679	2.21086	10.4268	4.19214	1
cg15187788	LASS4	0.138836	0.0512568	1.60822	1.60822	0.0652647	1.55735	1.55735	0.28145	1.27076	1.27076	0.745249	1.07228	1.07228	0.127431	1.42309	1.42309	0.727816	1.07766	1.07766	0.350557	1.22835	1.22835	0.284962	1.26838	1.26838	0.00955438	2.01885	2.01885	2.21084	1.60438	0.645058	1
cg25932164	PPP1R16B	0.138838	0.965823	0.986502	-1.01368	0.114728	1.72296	1.72296	0.544777	1.21459	1.21459	0.876836	1.05042	1.05042	0.462297	0.788733	-1.26786	0.455102	0.785606	-1.2729	0.191003	0.644592	-1.55137	0.0126519	0.374159	-2.67266	0.161889	0.622685	-1.60595	2.21082	3.5223	1.41618	1
cg02289321	KCNN3;KCNN3	0.138838	0.125312	0.61917	-1.61507	0.0803716	1.75144	1.75144	0.977872	0.992018	-1.00805	0.761551	0.915817	-1.09192	0.0176443	0.434259	-2.30277	0.487466	0.815596	-1.2261	0.323042	1.34305	1.34305	0.717208	1.11082	1.11082	0.396769	0.77823	-1.28497	2.21082	2.92336	1.17537	1
cg21704491	RBCK1;RBCK1	0.138838	0.0130881	0.358118	-2.79238	0.577463	1.20656	1.20656	0.182752	1.60279	1.60279	0.138346	0.587219	-1.70294	0.115738	0.565262	-1.76909	0.616212	0.844833	-1.18367	0.838682	0.934248	-1.07038	0.225228	0.653782	-1.52956	0.880376	0.950995	-1.05153	2.21082	3.89803	1.56726	1
cg22063269	WBSCR16	0.138839	0.991892	1.00189	1.00189	0.40966	1.16977	1.16977	0.526678	1.1267	1.1267	0.33956	0.832726	-1.20087	0.815046	0.95736	-1.04454	0.25536	0.801855	-1.24711	0.00655094	0.518504	-1.92863	0.132084	0.739152	-1.3529	0.82458	1.04215	1.04215	2.21082	1.2109	0.486857	1
cg01439566	ZBTB16;ZBTB16	0.138845	0.235268	0.677959	-1.47502	0.0748675	1.8587	1.8587	0.986834	0.994858	-1.00517	0.102068	0.571724	-1.7491	0.38814	0.75854	-1.31832	0.378808	0.754186	-1.32593	0.0780034	0.542338	-1.84387	0.0471654	0.49181	-2.0333	0.272677	0.699971	-1.42863	2.21077	3.41816	1.37435	1
cg03680758	SLC2A4RG	0.138845	0.219027	0.891218	-1.12206	0.748511	0.971749	-1.02907	0.00815919	1.35209	1.35209	0.441318	1.07246	1.07246	0.145614	1.14936	1.14936	0.652917	0.960471	-1.04116	0.89732	1.01157	1.01157	0.211911	1.12429	1.12429	0.524439	1.05915	1.05915	2.21077	0.27792	0.111744	1
cg04753668	MYH10	0.138845	0.0392844	0.77615	-1.28841	0.353524	1.10676	1.10676	0.295379	1.12221	1.12221	0.18423	0.860995	-1.16145	0.145107	1.18088	1.18088	0.0593255	0.797555	-1.25383	0.422086	0.916551	-1.09105	0.742009	0.965507	-1.03573	0.909512	0.987992	-1.01215	2.21077	0.395327	0.15895	1
cg23276673	LCT	0.138846	0.356853	1.20962	1.20962	0.00561161	0.481803	-2.07554	0.529854	1.13633	1.13633	0.648983	0.912079	-1.0964	0.964924	1.00887	1.00887	0.520285	0.877328	-1.13982	0.645129	1.0976	1.0976	0.349896	0.824287	-1.21317	0.191965	0.757768	-1.31967	2.21076	1.41208	0.567758	1
cg17841992	AGAP3;AGAP3	0.138846	0.782499	0.966289	-1.03489	0.258086	1.15747	1.15747	0.109798	1.24112	1.24112	0.208301	1.17867	1.17867	0.873677	1.01991	1.01991	0.135	0.819003	-1.221	0.0321576	0.732738	-1.36474	0.827839	1.02736	1.02736	0.212998	1.17648	1.17648	2.21076	0.537657	0.216178	1
cg18583378	ATG9B	0.138847	0.397945	1.24711	1.24711	0.181589	0.696401	-1.43595	0.788461	1.07103	1.07103	0.372276	0.791579	-1.2633	0.95295	0.985058	-1.01517	0.518969	1.18154	1.18154	0.0102008	0.437583	-2.28528	0.162758	1.46258	1.46258	0.650961	1.12323	1.12323	2.21075	2.27948	0.916522	1
cg06129794	SNORA26;KIAA0114	0.138853	0.474608	1.21473	1.21473	0.73418	0.912853	-1.09547	0.22361	1.40783	1.40783	0.923436	0.974612	-1.02605	0.049081	0.548261	-1.82395	0.971887	1.00947	1.00947	0.101498	0.619	-1.61551	0.0682461	1.72666	1.72666	0.167383	1.48248	1.48248	2.21071	2.50573	1.00751	1
cg17240725	WBSCR26	0.138855	0.0958025	0.634231	-1.57671	0.705779	0.909914	-1.099	0.430198	0.818385	-1.22192	0.557397	1.15916	1.15916	0.0081178	0.430166	-2.32468	0.212627	0.721271	-1.38644	0.506988	0.845721	-1.18242	0.420939	1.22709	1.22709	0.198076	0.712775	-1.40297	2.2107	2.16917	0.872191	1
cg22835523	PDE8A;PDE8A	0.138856	0.0105022	0.203853	-4.90549	0.220561	0.529371	-1.88903	0.213144	0.523355	-1.91075	0.145978	0.462618	-2.16161	0.103594	0.415155	-2.40874	0.178647	0.493773	-2.02522	0.413934	0.662011	-1.51055	0.503541	1.3983	1.3983	0.118971	0.433562	-2.30647	2.21069	8.53969	3.4337	1
cg15825261	PRH1;PRR4	0.138859	0.847439	0.962418	-1.03905	0.680936	1.0857	1.0857	0.889343	1.02807	1.02807	0.0325383	0.607966	-1.64483	0.0360661	0.615767	-1.62399	0.619467	1.10469	1.10469	0.226429	0.776777	-1.28737	0.96074	0.990258	-1.00984	0.100254	1.43067	1.43067	2.21066	1.38491	0.556862	1
cg23172579	TBC1D9;TBC1D9	0.138862	0.855851	1.02365	1.02365	0.0521977	0.752825	-1.32833	0.0896845	0.786208	-1.27193	0.0261218	0.712243	-1.40401	0.0244281	0.708404	-1.41162	0.433027	0.90225	-1.10834	0.451227	0.906026	-1.10372	0.644735	0.942053	-1.06151	0.887327	0.981938	-1.01839	2.21065	0.578727	0.232703	1
cg25784617	CX3CR1;CX3CR1	0.138865	0.633126	0.822965	-1.21512	0.883858	1.06101	1.06101	0.188192	0.568378	-1.75939	0.0750219	0.447849	-2.2329	0.319203	0.658966	-1.51753	0.425473	0.719111	-1.39061	0.0201045	3.11463	3.11463	0.491258	1.32745	1.32745	0.412597	1.40411	1.40411	2.21062	5.74742	2.31103	1
cg10431512	MYO1C;MYO1C;MYO1C	0.138871	0.442887	0.856659	-1.16733	0.728807	0.933485	-1.07125	0.602304	1.10956	1.10956	0.457411	1.16143	1.16143	0.339638	0.823147	-1.21485	0.803438	0.951879	-1.05055	0.00626381	2.02261	2.02261	0.328369	0.819139	-1.22079	0.472921	0.865575	-1.1553	2.21058	1.36913	0.550536	1
cg06670766	OTUD6B	0.138872	0.398997	1.29167	1.29167	0.921313	0.971139	-1.02972	0.931068	1.02598	1.02598	0.465638	1.24618	1.24618	0.0269178	2.1744	2.1744	0.032476	2.10014	2.10014	0.154832	0.636786	-1.57039	0.120733	1.64675	1.64675	0.635324	1.15212	1.15212	2.21057	3.07594	1.23686	1
cg27485716	PGAM5;PGAM5;PGAM5	0.138872	0.257428	1.58096	1.58096	0.36516	1.4342	1.4342	0.348165	1.45402	1.45402	0.976675	0.988733	-1.0114	0.320573	1.48847	1.48847	0.0255672	0.357686	-2.79575	0.150761	0.550564	-1.81632	0.178933	0.575016	-1.73908	0.303391	1.51155	1.51155	2.21057	5.25844	2.11446	1
cg10150813	SEL1L3	0.138872	0.0760919	0.483002	-2.07038	0.481062	1.30221	1.30221	0.335846	1.4418	1.4418	0.451612	0.753701	-1.32679	0.110613	0.526774	-1.89835	0.484067	1.29978	1.29978	0.113435	0.52989	-1.88719	0.0654283	2.1435	2.1435	0.688087	1.16043	1.16043	2.21057	4.75922	1.91372	1
cg10231603	SYT11	0.13888	0.86509	0.958199	-1.04362	0.20185	1.40272	1.40272	0.138213	1.49303	1.49303	0.448297	1.21415	1.21415	0.0238597	0.508122	-1.96803	0.819237	0.944142	-1.05916	0.0666864	0.596726	-1.67581	0.761161	1.07956	1.07956	0.646667	1.12288	1.12288	2.21051	2.20753	0.88769	1
cg08020574	ANKRD11	0.138883	0.110558	0.682751	-1.46466	0.163678	0.721645	-1.38572	0.782332	1.06267	1.06267	0.208037	1.33821	1.33821	0.250288	0.76823	-1.30169	0.0269705	0.562777	-1.7769	0.614638	0.894567	-1.11786	0.159706	1.39061	1.39061	0.959006	1.01135	1.01135	2.21048	1.68632	0.678111	1
cg19779712	ATP6V1H;ATP6V1H;ATP6V1H	0.138887	0.452715	0.765285	-1.3067	0.0849853	1.94651	1.94651	0.949814	1.02226	1.02226	0.475428	1.2889	1.2889	0.18862	0.614413	-1.62757	0.170666	0.600378	-1.66562	0.906185	1.04209	1.04209	0.0334821	2.38391	2.38391	0.200548	0.623262	-1.60446	2.21046	4.28102	1.72152	1
cg02824451	SLC7A10	0.138893	0.748254	0.934233	-1.0704	0.542124	0.877772	-1.13925	0.75737	1.06766	1.06766	0.654198	0.909141	-1.09994	0.0238766	0.565799	-1.76741	0.191199	0.746496	-1.33959	0.0117361	0.514231	-1.94465	0.541306	0.877534	-1.13956	0.537488	1.141	1.141	2.21041	1.56252	0.628347	1
cg26836800	RFX2;RFX2	0.138899	0.347484	1.5271	1.5271	0.0361941	2.90395	2.90395	0.116914	2.10745	2.10745	0.472893	1.37647	1.37647	0.430033	0.702897	-1.42268	0.556722	1.29713	1.29713	0.0170062	3.57396	3.57396	0.479166	0.729892	-1.37007	0.919058	1.04549	1.04549	2.21037	6.70569	2.69666	1
cg21605068	PTPN23	0.138902	0.557452	1.39186	1.39186	0.0207566	4.71847	4.71847	0.0334176	3.99556	3.99556	0.860546	0.90665	-1.10296	0.557764	0.718655	-1.39149	0.975178	1.01749	1.01749	0.136128	2.44732	2.44732	0.477643	1.49536	1.49536	0.277243	0.532718	-1.87716	2.21035	10.8728	4.37247	1
cg06013113	RAB40C	0.138902	0.902024	0.972634	-1.02814	0.273009	0.773342	-1.29309	0.033793	0.572109	-1.74792	0.738933	0.927414	-1.07827	0.00854216	0.469535	-2.12977	0.246349	0.760986	-1.31408	0.532989	1.15289	1.15289	0.478611	0.85019	-1.17621	0.423178	0.831678	-1.20239	2.21035	1.77701	0.714623	1
cg00569673	GPSM3	0.138903	0.489713	1.27279	1.27279	0.0594969	0.481341	-2.07753	0.761013	0.900447	-1.11056	0.272278	1.48114	1.48114	0.942306	0.975427	-1.02519	0.379418	1.36338	1.36338	0.0460054	2.19478	2.19478	0.342517	1.39959	1.39959	0.0879589	0.523449	-1.9104	2.21034	4.13664	1.66355	1
cg24760961	SNX19	0.138906	0.688705	0.922945	-1.08349	0.325931	1.2238	1.2238	0.883297	0.971177	-1.02968	0.615709	0.90414	-1.10602	0.00873522	0.514166	-1.9449	0.424038	1.17653	1.17653	0.789883	0.948212	-1.05462	0.109286	1.4158	1.4158	0.449503	0.857748	-1.16584	2.21032	1.38791	0.558153	1
cg07951201	C13orf39	0.138907	0.454443	0.743191	-1.34555	0.524533	0.777862	-1.28557	0.691771	0.856226	-1.16792	0.191776	0.583751	-1.71306	0.0109283	0.288145	-3.47047	0.501131	0.766462	-1.3047	0.0405325	0.397959	-2.51282	0.749277	1.13304	1.13304	0.063645	0.44387	-2.25291	2.21031	5.31166	2.13611	1
cg07509155	IL28RA;IL28RA;IL28RA	0.138907	0.126026	2.27299	2.27299	0.0391223	3.26802	3.26802	0.939931	0.963309	-1.03809	0.199412	1.95912	1.95912	0.756703	0.857148	-1.16666	0.123725	2.28631	2.28631	0.0220279	3.90496	3.90496	0.444072	1.47257	1.47257	0.0834611	2.5866	2.5866	2.21031	8.61236	3.46351	1
cg05941292	PIK3R5;PIK3R5	0.13891	0.468351	1.1436	1.1436	0.352178	1.19019	1.19019	0.447799	1.15107	1.15107	0.580913	0.903571	-1.10672	0.299061	1.2162	1.2162	0.425999	1.15931	1.15931	0.00879032	1.83453	1.83453	0.23697	0.798262	-1.25272	0.284911	0.817098	-1.22384	2.21028	1.15768	0.465573	1
cg02564291	PRDM6	0.138912	0.26299	2.84174	2.84174	0.460233	1.95987	1.95987	0.14761	4.01671	4.01671	0.869902	0.863554	-1.158	0.414799	2.10859	2.10859	0.558392	0.588795	-1.69838	0.0517024	7.25506	7.25506	0.00828692	20.5117	20.5117	0.495388	1.8581	1.8581	2.21027	28.0383	11.276	1
cg08975559	PHRF1	0.138914	0.870852	0.954105	-1.0481	0.0515548	1.89626	1.89626	0.187614	1.49665	1.49665	0.313295	1.3514	1.3514	0.0504844	0.525374	-1.90341	0.828535	0.939291	-1.06463	0.977528	0.9919	-1.00817	0.0544173	1.87798	1.87798	0.935466	0.976888	-1.02366	2.21026	2.91864	1.17377	1
cg20952901	ABHD8	0.138915	0.0144126	0.144191	-6.93525	0.506213	0.648483	-1.54206	0.250989	2.16025	2.16025	0.0410124	0.219965	-4.54617	0.186966	0.407292	-2.45524	0.367704	0.552014	-1.81155	0.177105	0.398023	-2.51242	0.486277	0.6349	-1.57505	0.55624	0.682369	-1.46548	2.21025	14.4351	5.80533	1
cg11839566	DOCK1	0.138916	0.856873	0.951675	-1.05078	0.36687	0.775436	-1.2896	0.637611	1.13903	1.13903	0.352538	1.30014	1.30014	0.0422062	0.526193	-1.90044	0.888975	0.962402	-1.03907	0.0225434	2.11598	2.11598	0.26079	1.37959	1.37959	0.370234	1.28718	1.28718	2.21024	2.635	1.05972	1
cg01982240	NOXO1;NOXO1;NOXO1	0.138917	0.601208	1.26424	1.26424	0.296219	0.61781	-1.61862	0.719221	0.851709	-1.17411	0.0369508	2.93671	2.93671	0.815251	0.901164	-1.10968	0.780226	1.13243	1.13243	0.517682	0.747054	-1.33859	0.144652	0.49827	-2.00694	0.0297248	3.11922	3.11922	2.21023	6.92008	2.78305	1
cg15868183	GLB1L2	0.138921	0.0722807	0.601059	-1.66373	0.109093	1.55805	1.55805	0.489599	0.836835	-1.19498	0.904316	0.969941	-1.03099	0.0399727	0.547439	-1.82669	0.72212	0.913362	-1.09486	0.310759	0.766313	-1.30495	0.122797	1.52857	1.52857	0.810081	1.06301	1.06301	2.2102	2.25455	0.906724	1
cg05305099	GPR56;GPR56	0.138922	0.513585	0.664731	-1.50437	0.0126043	0.147768	-6.76739	0.0219779	0.183813	-5.4403	0.727683	1.24046	1.24046	0.855638	1.1188	1.1188	0.187148	0.422391	-2.36747	0.777901	0.840038	-1.19042	0.415491	0.598674	-1.67036	0.783544	1.185	1.185	2.21019	13.3008	5.34927	1
cg21272465	LOC151174;LOC643387;LOC151174	0.138925	0.0289021	45.0338	45.0338	0.132098	11.0464	11.0464	0.0495982	27.4072	27.4072	0.504578	2.72049	2.72049	0.232193	6.37154	6.37154	0.171318	8.60773	8.60773	0.102637	14.0069	14.0069	0.068809	20.2877	20.2877	0.0482744	28.0961	28.0961	2.21017	76.465	30.7527	1
cg08114476	ASNS;ASNS;ASNS	0.138927	0.436821	1.10035	1.10035	0.0757019	1.26914	1.26914	0.107075	1.23624	1.23624	0.749687	1.03934	1.03934	0.723032	0.958007	-1.04383	0.156794	1.20031	1.20031	0.100537	1.24219	1.24219	0.0788436	1.26526	1.26526	0.016616	1.42279	1.42279	2.21016	0.50875	0.20461	1
cg04979384	DOCK6	0.138927	0.419817	0.592256	-1.68846	0.0775814	0.287463	-3.47871	0.199197	0.422281	-2.36809	0.978751	1.01707	1.01707	0.0223027	0.17545	-5.69964	0.658204	0.753564	-1.32703	0.643863	0.743898	-1.34427	0.017015	0.157362	-6.35476	0.152809	0.377918	-2.64608	2.21016	14.1369	5.68562	1
cg16041798	MTHFD1	0.138927	0.42844	0.717003	-1.39469	0.0124869	0.278318	-3.59301	0.0184519	0.308433	-3.2422	0.398076	0.700433	-1.42769	0.653411	1.20442	1.20442	0.853137	1.07924	1.07924	0.911715	0.955384	-1.0467	0.491564	0.750145	-1.33308	0.273476	0.625643	-1.59836	2.21016	5.92773	2.38403	1
cg22320999	TPCN1;TPCN1	0.138929	0.123971	1.73125	1.73125	0.115549	1.75702	1.75702	0.514075	1.24358	1.24358	0.774224	0.909597	-1.09939	0.0346327	0.44418	-2.25134	0.138686	0.59148	-1.69067	0.482237	1.26529	1.26529	0.935831	0.973821	-1.02688	0.239736	0.666596	-1.50016	2.21015	3.79925	1.528	1
cg04920869	VPS13D;VPS13D	0.138929	0.215343	1.4881	1.4881	0.41126	1.29187	1.29187	0.441474	1.27027	1.27027	0.0395939	2.06558	2.06558	0.0246096	2.26113	2.26113	0.470253	1.25094	1.25094	0.183557	1.53734	1.53734	0.0274147	2.21499	2.21499	0.0904758	1.76572	1.76572	2.21014	3.25188	1.30786	1
cg19481287	STC2	0.138929	0.191936	0.684714	-1.46046	0.0456708	0.533516	-1.87436	0.631726	0.87598	-1.14158	0.695273	1.11398	1.11398	0.123084	0.632516	-1.58099	0.293913	0.741921	-1.34785	0.0119701	0.423292	-2.36244	0.105212	0.615454	-1.62482	0.579955	0.857885	-1.16566	2.21014	2.63173	1.05844	1
cg13659446	MRC2	0.138932	0.154847	0.596177	-1.67735	0.94591	1.02332	1.02332	0.0199883	0.385282	-2.5955	0.241065	0.65909	-1.51724	0.0566018	0.480425	-2.08149	0.295454	0.691732	-1.44565	0.365381	0.729111	-1.37153	0.334099	1.40272	1.40272	0.0852885	0.524009	-1.90837	2.21012	4.03922	1.62453	1
cg06143864	OSGIN1;OSGIN1	0.138938	0.169571	0.620862	-1.61066	0.694634	0.879393	-1.13715	0.0064983	0.315912	-3.16543	0.309768	0.71007	-1.40831	0.682054	0.874434	-1.1436	0.251235	0.67672	-1.47772	0.125513	0.582687	-1.71619	0.062876	0.505755	-1.97724	0.210423	0.650569	-1.53712	2.21008	3.71432	1.49389	1
cg05632088	ZNF735	0.13894	0.0354728	0.10128	-9.8736	0.102987	0.188569	-5.3031	0.179289	0.263374	-3.79688	0.236697	0.313628	-3.18849	0.0171291	0.0660397	-15.1424	0.182416	0.266206	-3.75649	0.166067	0.251249	-3.98011	0.358454	0.413466	-2.41858	0.0661856	0.145529	-6.87147	2.21007	30.6178	12.3145	1
cg15347348	KCNK10;KCNK10;KCNK10	0.138946	0.833958	0.928273	-1.07727	0.00533823	3.67402	3.67402	0.131077	1.78253	1.78253	0.786251	0.90812	-1.10118	0.77398	0.902947	-1.10749	0.592187	1.21134	1.21134	0.168424	1.68269	1.68269	0.232288	1.55918	1.55918	0.505475	1.27071	1.27071	2.21002	4.40043	1.76989	1
cg08131499	CORO1C	0.138948	0.108036	0.410323	-2.4371	0.048671	0.31855	-3.13922	0.387324	0.637524	-1.56857	0.467785	0.68706	-1.45548	0.221635	0.520674	-1.92059	0.912599	1.05736	1.05736	0.175929	2.07727	2.07727	0.0667913	2.8407	2.8407	0.983826	0.989754	-1.01035	2.21001	9.03367	3.63344	1
cg13428152	SDK2	0.138949	0.23798	0.857859	-1.16569	0.539146	1.08017	1.08017	0.24919	1.16112	1.16112	0.346805	1.12768	1.12768	0.867008	1.02101	1.02101	0.0344731	0.736474	-1.35782	0.0300792	0.72875	-1.37221	0.655094	1.05735	1.05735	0.800057	1.03198	1.03198	2.21	0.538464	0.216577	1
cg07620992	ZBTB9	0.138949	0.0861213	0.776622	-1.28763	0.0456499	0.736759	-1.3573	0.549823	1.08401	1.08401	0.321145	0.872278	-1.14642	0.209689	0.838409	-1.19274	0.999068	1.00016	1.00016	0.0532206	0.746177	-1.34016	0.171781	1.21401	1.21401	0.748369	1.04384	1.04384	2.20999	0.622043	0.250194	1
cg10118547	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.138952	0.119669	2.03974	2.03974	0.101115	2.13388	2.13388	0.826632	1.09703	1.09703	0.814641	1.10423	1.10423	0.316606	1.54819	1.54819	0.318531	1.54532	1.54532	0.0598386	2.45095	2.45095	0.0371006	2.77829	2.77829	0.0187886	3.32635	3.32635	2.20998	6.23822	2.50911	1
cg25446676	NAA20;NAA20;NAA20	0.138952	0.0950465	1.27595	1.27595	0.614309	1.06983	1.06983	0.732667	1.0466	1.0466	0.838418	0.97324	-1.0275	0.271982	0.859068	-1.16405	0.0371031	0.725032	-1.37925	0.34697	0.879279	-1.1373	0.382307	0.887783	-1.1264	0.0681248	1.31177	1.31177	2.20997	0.617704	0.248451	1
cg19521511	ZNF716	0.138952	0.0682071	0.266217	-3.75633	0.0629335	0.257714	-3.88028	0.149567	0.367369	-2.72206	0.388621	0.564038	-1.77293	0.0169001	0.151276	-6.61045	0.0871365	0.29398	-3.40159	0.115796	0.33026	-3.02792	0.179452	0.396874	-2.51969	0.149029	0.366813	-2.72619	2.20997	14.7016	5.91324	1
cg27024381	ABCD1	0.138957	0.732862	1.08097	1.08097	0.307134	0.786428	-1.27157	0.0891265	0.653083	-1.5312	0.444578	0.837688	-1.19376	0.00675937	0.45029	-2.22079	0.282444	0.775832	-1.28894	0.248421	0.760189	-1.31546	0.829388	0.952142	-1.05026	0.0918334	0.655879	-1.52467	2.20993	1.80754	0.727034	1
cg09070378	NDUFS2;NDUFS2;FCER1G	0.138961	0.18126	0.588193	-1.70012	0.822834	0.919566	-1.08747	0.154252	0.56538	-1.76872	0.19315	0.597542	-1.67352	0.0190908	0.346203	-2.88848	0.22725	0.622513	-1.60639	0.163353	0.573339	-1.74417	0.75598	1.12363	1.12363	0.0237991	0.364673	-2.74218	2.20991	4.89356	1.96833	1
cg06128055	HECTD2;LOC100188947;HECTD2	0.138965	0.924876	1.03912	1.03912	0.0215676	3.07391	3.07391	0.138548	1.91333	1.91333	0.10203	0.482767	-2.07139	0.351954	0.677212	-1.47664	0.153993	0.537402	-1.8608	0.974467	1.01311	1.01311	0.94971	0.974661	-1.026	0.646191	1.20693	1.20693	2.20987	5.79495	2.33093	1
cg11390357	C2orf28;C2orf28;C2orf28	0.138967	0.593397	0.867918	-1.15218	0.0321354	0.51699	-1.93427	0.559754	0.856401	-1.16768	0.0596479	1.74837	1.74837	0.760221	1.08379	1.08379	0.451648	0.817447	-1.22332	0.446383	1.22631	1.22631	0.0609817	0.574032	-1.74206	0.478695	0.827533	-1.20841	2.20987	2.41816	0.972671	1
cg09827499	SDC1;SDC1	0.138967	0.629523	0.649109	-1.54057	0.896931	0.891277	-1.12199	0.314939	0.395526	-2.52828	0.652274	1.49663	1.49663	0.00772396	0.0422244	-23.683	?	?	?	0.75428	0.756563	-1.32177	?	?	?	0.445749	1.99825	1.99825	2.36842	22.5231	9.50978	1
cg01467100	PFKFB3;PFKFB3	0.13897	0.961313	1.02033	1.02033	0.473411	1.35321	1.35321	0.0662749	2.35022	2.35022	0.785512	1.11981	1.11981	0.12306	0.500062	-1.99975	0.21304	0.580421	-1.72289	0.078314	0.44427	-2.25088	0.0963003	0.468829	-2.13297	0.404228	1.42482	1.42482	2.20984	6.0226	2.42254	1
cg21842916	MTA3	0.138971	0.610383	1.22864	1.22864	0.508863	0.764498	-1.30805	0.289879	0.643921	-1.55299	0.437279	1.37372	1.37372	0.0230401	0.33649	-2.97185	0.222498	1.67147	1.67147	0.180989	1.76671	1.76671	0.241038	1.63526	1.63526	0.211829	0.590356	-1.69389	2.20983	5.61964	2.26046	1
cg10364249	AHDC1	0.138972	0.904907	0.962796	-1.03864	0.994113	0.997662	-1.00234	0.021329	2.40541	2.40541	0.673881	1.14371	1.14371	0.326521	0.72517	-1.37899	0.946772	0.979042	-1.02141	0.0533129	2.00654	2.00654	0.2668	0.692789	-1.44344	0.109719	1.73874	1.73874	2.20983	3.52229	1.41682	1
cg13199589	RIMKLA	0.138974	0.539233	0.918586	-1.08863	0.03996	1.38313	1.38313	0.0845188	1.29779	1.29779	0.503102	0.911344	-1.09728	0.169509	0.818794	-1.22131	0.372436	0.882414	-1.13325	0.414968	0.892408	-1.12056	0.200289	0.831256	-1.203	0.291608	1.16124	1.16124	2.20981	0.653157	0.26273	1
cg18759102	PRDM16;PRDM16	0.138977	0.187064	2.66442	2.66442	0.14331	3.01074	3.01074	0.854028	0.878916	-1.13777	0.610528	1.43328	1.43328	0.387191	1.86106	1.86106	0.388043	1.85889	1.85889	0.0163657	7.81874	7.81874	0.0148433	8.16788	8.16788	0.675099	1.3437	1.3437	2.20979	17.1876	6.91374	1
cg04289069	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.138979	0.698568	0.908471	-1.10075	0.663513	1.11403	1.11403	0.405753	0.81073	-1.23346	0.159212	1.44935	1.44935	0.265503	1.3314	1.3314	0.695387	1.10194	1.10194	0.00744622	2.34	2.34	0.143819	1.47315	1.47315	0.210441	1.38477	1.38477	2.20977	2.12962	0.856646	1
cg23702568	WAPAL;WAPAL	0.138981	0.245529	1.26402	1.26402	0.405284	1.17851	1.17851	0.00680646	1.96669	1.96669	0.291882	1.23486	1.23486	0.445306	1.16193	1.16193	0.543846	1.12582	1.12582	0.459646	0.864826	-1.1563	0.823498	0.957823	-1.04403	0.0689261	1.48089	1.48089	2.20976	1.30224	0.523834	1
cg03823468	PTRF	0.138982	0.771119	1.04384	1.04384	0.340538	1.15544	1.15544	0.334834	0.863899	-1.15754	0.621472	1.07596	1.07596	0.436996	1.12371	1.12371	0.276724	1.18106	1.18106	0.0042038	1.75755	1.75755	0.462708	1.11623	1.11623	0.272122	1.18311	1.18311	2.20975	0.757219	0.304597	1
cg03343631	RASA3	0.138983	0.0629788	0.667988	-1.49703	0.295668	1.23268	1.23268	0.679397	1.08347	1.08347	0.502181	1.1404	1.1404	0.680899	0.923333	-1.08303	0.349802	0.830562	-1.204	0.0194546	1.72445	1.72445	0.201568	1.29712	1.29712	0.518809	1.13447	1.13447	2.20975	1.30227	0.523848	1
cg00613284	C8orf46	0.138983	0.307629	0.676862	-1.47741	0.0361392	0.406343	-2.46097	0.0684818	0.470598	-2.12496	0.629831	1.19659	1.19659	0.225367	0.624646	-1.60091	0.768358	1.11533	1.11533	0.0812496	0.489531	-2.04277	0.104768	0.519329	-1.92556	0.33039	1.44945	1.44945	2.20974	4.78004	1.92282	1
cg10588135	BCAS3;BCAS3	0.138984	0.0560314	0.266079	-3.75828	0.953682	0.965092	-1.03617	0.432469	0.612601	-1.63238	0.0569293	0.267691	-3.73564	0.0127246	0.150501	-6.64446	0.231781	0.464315	-2.15371	0.207273	0.443298	-2.25582	0.39469	0.586683	-1.7045	0.0940776	0.324309	-3.08348	2.20974	13.0959	5.26797	1
cg18275467	CUX1;CUX1	0.138985	0.0144841	0.532373	-1.87838	0.0532289	0.631554	-1.5834	0.547453	1.13586	1.13586	0.99876	0.999675	-1.00033	0.0493776	0.625421	-1.59892	0.861236	0.96405	-1.03729	0.688929	1.08785	1.08785	0.79062	0.945838	-1.05726	0.838196	0.958116	-1.04371	2.20973	1.53247	0.616456	1
cg06520821	MTG1	0.138985	0.482227	1.19536	1.19536	0.645641	1.12264	1.12264	0.643246	0.890002	-1.12359	0.222592	0.725984	-1.37744	0.0331571	0.536758	-1.86304	0.0175696	0.485823	-2.05836	0.644601	1.12305	1.12305	0.595503	1.14324	1.14324	0.289351	0.75974	-1.31624	2.20973	2.1846	0.87878	1
cg09645291	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.138987	0.342653	1.23135	1.23135	0.0645122	0.642713	-1.55591	0.0748092	0.655464	-1.52564	0.639878	1.10551	1.10551	0.165147	1.37047	1.37047	0.0642162	1.55685	1.55685	0.667038	1.09651	1.09651	0.630409	0.901949	-1.10871	0.508595	0.866975	-1.15344	2.20971	1.58575	0.637892	1
cg10153353	METT5D1;METT5D1	0.138992	0.239855	0.688464	-1.45251	0.00771728	0.354109	-2.82399	0.467706	0.79921	-1.25124	0.45315	1.26087	1.26087	0.496231	1.23313	1.23313	0.911729	0.966923	-1.03421	0.195476	1.51479	1.51479	0.525052	0.822542	-1.21574	0.442866	0.788742	-1.26784	2.20968	3.21968	1.29518	1
cg10900643	C14orf80;C14orf80;C14orf80	0.138992	0.695777	0.892224	-1.1208	0.806931	0.931412	-1.07364	0.402747	1.28209	1.28209	0.0969509	0.589372	-1.69672	0.952947	1.01727	1.01727	0.0222203	2.21535	2.21535	0.477957	1.23289	1.23289	0.0407919	1.98434	1.98434	0.719358	1.11039	1.11039	2.20967	2.94715	1.18555	1
cg09831553	LAMA5	0.138993	0.0950063	0.434434	-2.30185	0.296121	0.611216	-1.63608	0.0711819	0.400168	-2.49895	0.113452	0.457161	-2.18741	0.0223888	0.2884	-3.46741	0.0300826	0.313711	-3.18765	0.126055	0.471328	-2.12166	0.295016	0.610477	-1.63806	0.470618	0.716393	-1.39588	2.20967	7.22693	2.9072	1
cg12468786	MIOX	0.138994	0.112605	0.547335	-1.82704	0.96176	0.983409	-1.01687	0.0277648	0.403463	-2.47854	0.406599	0.743602	-1.3448	0.0366992	0.428717	-2.33254	0.130328	0.565443	-1.76853	0.702156	1.14348	1.14348	0.0519118	0.462187	-2.16363	0.46715	0.772454	-1.29458	2.20966	4.26124	1.71418	1
cg14170547	POMC;POMC	0.138997	0.113378	0.293993	-3.40144	0.314768	0.477753	-2.09313	0.144613	0.328435	-3.04474	0.26329	0.436632	-2.29026	0.0677	0.233561	-4.28154	0.120112	0.301767	-3.31382	0.0603281	0.221954	-4.50544	0.0131057	0.112331	-8.90228	0.213634	0.394354	-2.5358	2.20964	17.6697	7.10814	1
cg02392179	SORCS3	0.139007	0.101567	1.58022	1.58022	0.237346	0.729063	-1.37162	0.126357	1.52522	1.52522	0.266035	0.743907	-1.34425	0.611223	1.13981	1.13981	0.057218	0.57744	-1.73178	0.855895	1.0475	1.0475	0.139191	1.50122	1.50122	0.392212	1.25076	1.25076	2.20957	2.28022	0.917311	1
cg18010302	AMOTL1	0.139008	0.835175	1.0417	1.0417	0.00641749	2.00423	2.00423	0.497451	1.14462	1.14462	0.54261	0.886165	-1.12846	0.93068	0.983085	-1.01721	0.171262	1.33061	1.33061	0.316091	1.22537	1.22537	0.343653	1.2108	1.2108	0.282191	0.803215	-1.245	2.20956	1.34551	0.541289	1
cg00966557	PPARGC1B	0.139009	0.100796	0.449096	-2.2267	0.065902	2.50689	2.50689	0.748845	0.866694	-1.15381	0.494648	0.734272	-1.36189	0.886698	0.938475	-1.06556	0.321537	0.633724	-1.57797	0.0320937	0.326852	-3.05949	0.733025	1.16474	1.16474	0.104025	0.453098	-2.20703	2.20955	6.94198	2.79272	1
cg12619536	VAV3	0.13901	0.0354239	0.644399	-1.55183	0.0635129	1.45404	1.45404	0.674466	1.07874	1.07874	0.169103	0.768853	-1.30064	0.13666	1.33334	1.33334	0.699284	1.07213	1.07213	0.905334	1.02158	1.02158	0.258014	0.809152	-1.23586	0.859746	0.968765	-1.03224	2.20954	1.12653	0.453197	1
cg25217895	TSPAN5	0.139011	0.782759	1.05463	1.05463	0.144036	1.35261	1.35261	0.0350641	1.60406	1.60406	0.911061	0.978727	-1.02174	0.828697	1.04258	1.04258	0.910944	0.978699	-1.02176	0.00905612	1.89332	1.89332	0.805206	1.0487	1.0487	0.674012	0.921811	-1.08482	2.20954	1.29591	0.521338	1
cg17297071	MIR155HG	0.139011	0.161431	0.26699	-3.74546	0.304561	0.391055	-2.55719	0.133278	4.17929	4.17929	0.0400711	0.12306	-8.1261	0.0574863	0.149994	-6.66692	0.353412	0.430348	-2.3237	0.976092	0.973884	-1.02682	0.766832	0.769062	-1.30028	0.270449	2.75454	2.75454	2.20953	27.2878	10.9778	1
cg17129764	MMP17	0.139012	0.833631	0.943288	-1.06012	0.147802	0.649847	-1.53882	0.0589169	0.553164	-1.80778	0.873348	0.956685	-1.04528	0.0439833	0.525981	-1.90121	0.11354	0.620046	-1.61278	0.0966126	0.602714	-1.65916	0.157369	1.52151	1.52151	0.608716	0.866482	-1.15409	2.20953	2.69617	1.08466	1
cg23627353	GRHL2	0.139014	0.705628	0.91277	-1.09557	0.0123044	0.472458	-2.11659	0.220153	0.733397	-1.36352	0.218931	0.732733	-1.36475	0.139302	0.682031	-1.46621	0.586717	1.14112	1.14112	0.238847	1.34541	1.34541	0.702004	0.911683	-1.09687	0.13769	0.680802	-1.46886	2.20952	2.02429	0.814374	1
cg22786903	SDR39U1	0.139016	0.748969	1.10473	1.10473	0.0465495	2.02827	2.02827	0.00616373	3.02961	3.02961	0.981546	0.99285	-1.0072	0.275758	1.42155	1.42155	0.933321	0.974373	-1.0263	0.913819	0.966972	-1.03416	0.949006	0.980353	-1.02004	0.324182	1.37147	1.37147	2.2095	3.36811	1.355	1
cg22094633	C22orf39;C22orf39	0.139017	0.976241	1.00725	1.00725	0.12069	0.664752	-1.50432	0.0692167	1.63758	1.63758	0.482095	1.18927	1.18927	0.291894	1.30385	1.30385	0.896475	0.96891	-1.03209	0.0711316	0.613184	-1.63083	?	?	?	0.143337	1.46457	1.46457	2.2285	1.84674	0.828695	1
cg02820748	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.139017	0.0450346	7.30256	7.30256	0.280499	2.63721	2.63721	0.832524	0.832722	-1.20088	0.67338	0.693166	-1.44266	0.593623	0.627771	-1.59294	0.544735	0.58866	-1.69877	0.745885	0.754961	-1.32457	0.0198617	11.3656	11.3656	0.096687	4.83745	4.83745	2.20949	26.1493	10.52	1
cg07806797	ZNF185	0.139018	0.0857349	0.435321	-2.29716	0.36235	0.663648	-1.50682	0.156744	0.515151	-1.94118	0.644306	0.815795	-1.2258	0.15433	0.512876	-1.94979	0.0192767	0.2895	-3.45423	0.02917	0.32446	-3.08204	0.0987532	0.452599	-2.20946	0.883513	0.937815	-1.06631	2.20948	6.71081	2.6998	1
cg18919072	FBRSL1	0.139018	0.126166	0.687541	-1.45446	0.224066	0.748884	-1.33532	0.347332	1.24494	1.24494	0.883667	0.967395	-1.0337	0.641566	1.11198	1.11198	0.518792	0.862353	-1.15962	0.0150923	1.96622	1.96622	0.68306	1.0974	1.0974	0.208958	0.740922	-1.34967	2.20948	1.79373	0.721629	1
cg10064585	DENND3	0.139019	0.560793	0.874695	-1.14326	0.0500857	0.601383	-1.66283	0.179004	0.72256	-1.38397	0.719064	0.921066	-1.0857	0.413003	0.826538	-1.20987	0.0116795	0.488064	-2.04891	0.379777	1.22764	1.22764	0.10587	0.668941	-1.4949	0.666637	0.90606	-1.10368	2.20948	1.81317	0.729451	1
cg11756136	TRDMT1;TRDMT1;TRDMT1	0.139022	0.170949	0.829823	-1.20508	0.230789	0.851421	-1.17451	0.0720051	1.293	1.293	0.0510954	0.752569	-1.32878	0.537459	1.08317	1.08317	0.255583	0.859106	-1.164	0.496534	1.09235	1.09235	0.309749	1.14396	1.14396	0.38346	1.12115	1.12115	2.20945	0.572905	0.230487	1
cg23326728	HOXB7	0.139024	0.408317	0.867221	-1.15311	0.991618	1.00177	1.00177	0.0398004	1.49235	1.49235	0.581984	0.910599	-1.09818	0.371399	0.856759	-1.16719	0.0549344	0.693057	-1.44288	0.209582	0.800308	-1.24952	0.289947	1.20323	1.20323	0.219891	1.24271	1.24271	2.20944	0.992881	0.39945	1
cg07014174	KRTAP11-1	0.139031	0.104687	0.169464	-5.90096	0.959895	1.05162	1.05162	0.450351	2.15951	2.15951	0.154431	0.217447	-4.59882	0.0598837	0.119425	-8.37347	0.993358	1.00837	1.00837	0.0136967	0.0472917	-21.1453	0.817747	0.793698	-1.25993	0.243645	0.294904	-3.39094	2.20939	35.0594	14.1052	1
cg01109660	GPR64;GPR64;GPR64;GPR64	0.139031	0.105486	0.414679	-2.4115	0.157017	0.470811	-2.12399	0.374793	0.635467	-1.57365	0.0432643	0.314384	-3.18082	0.0753062	0.37321	-2.67946	0.184958	0.496712	-2.01324	0.0159675	0.230293	-4.34229	0.590322	0.762992	-1.31063	0.113944	0.424898	-2.35351	2.20939	8.66813	3.48739	1
cg06220235	SOCS1	0.139032	0.25187	3.83647	3.83647	0.902898	1.14694	1.14694	0.0340413	16.1019	16.1019	0.614597	1.76879	1.76879	0.323238	0.317884	-3.1458	0.480393	2.23838	2.23838	0.780548	1.36851	1.36851	0.00999796	38.5974	38.5974	0.442308	2.41081	2.41081	2.20938	44.1496	17.7625	1
cg10749860	C11orf16	0.139033	0.584749	0.899291	-1.11199	0.0401958	0.63381	-1.57776	0.661859	1.08834	1.08834	0.278142	0.804988	-1.24226	0.1048	1.40635	1.40635	0.195459	1.30131	1.30131	0.921916	1.01904	1.01904	0.110348	0.715545	-1.39754	0.176303	0.758409	-1.31855	2.20937	1.29474	0.520908	1
cg14722226	FRMD4A	0.139033	0.960064	1.03659	1.03659	0.0489791	5.01849	5.01849	0.370801	1.93382	1.93382	0.503662	1.62745	1.62745	0.0487932	0.198926	-5.027	0.223824	0.399679	-2.50201	0.172634	0.352892	-2.83373	0.231647	2.46034	2.46034	0.785468	0.822177	-1.21628	2.20937	18.0201	7.24996	1
cg05018835	RPS6KA5	0.139036	0.0714302	0.376073	-2.65906	0.0329073	0.297592	-3.36031	0.0535578	0.344733	-2.90079	0.364097	1.57311	1.57311	0.118609	0.439132	-2.27722	0.424046	0.672598	-1.48677	0.157531	0.479899	-2.08377	0.704113	1.20364	1.20364	0.816091	0.892999	-1.11982	2.20935	8.25683	3.32197	1
cg02593884	FLYWCH1;FLYWCH1	0.139037	0.0734982	0.392771	-2.54602	0.106098	0.437548	-2.28546	0.950504	0.971346	-1.0295	0.175731	0.509527	-1.9626	0.043939	0.338131	-2.95744	0.185986	0.518554	-1.92844	0.0278693	0.296086	-3.3774	0.187787	0.520109	-1.92267	0.0697555	0.386821	-2.58518	2.20934	7.67468	3.08776	1
cg05393424	ZNF644;ZNF644;ZNF644	0.139038	0.592843	0.841376	-1.18853	0.255963	0.684231	-1.4615	0.0631411	0.512316	-1.95192	0.296311	1.41414	1.41414	0.145647	1.64861	1.64861	0.988343	0.995336	-1.00469	0.0441893	2.09542	2.09542	0.201257	1.54015	1.54015	0.660139	0.867971	-1.15211	2.20933	3.58295	1.44154	1
cg13883681	GOT2	0.13904	0.71537	1.11957	1.11957	0.0214139	2.34554	2.34554	0.974438	0.990167	-1.00993	0.227706	1.47776	1.47776	0.774743	0.915312	-1.09252	0.930483	0.97345	-1.02727	0.0618141	0.52274	-1.913	0.159041	0.628634	-1.59075	0.401274	1.30337	1.30337	2.20932	3.32816	1.33904	1
cg03674496	AGAP6	0.139042	0.0431999	0.254182	-3.9342	0.08449	0.325035	-3.07659	0.113806	0.36306	-2.75436	0.502575	0.669845	-1.49288	0.019679	0.190272	-5.25564	0.0854343	0.326371	-3.064	0.10002	0.345991	-2.89025	0.309817	0.538525	-1.85692	0.185781	0.437698	-2.28468	2.20931	12.1352	4.88246	1
cg05574878	MIR1912;HTR2C	0.139042	0.120585	0.491205	-2.03581	0.691011	0.844764	-1.18376	0.327604	0.652661	-1.53219	0.407169	0.699057	-1.4305	0.0505856	0.390358	-2.56175	0.529051	0.763941	-1.309	0.00860873	0.243	-4.11523	0.0735087	0.430619	-2.32224	0.788694	0.892772	-1.12011	2.2093	6.23845	2.50997	1
cg14729071	RAD21	0.139043	0.203061	0.787411	-1.26998	0.030337	1.57277	1.57277	0.100517	1.37714	1.37714	0.317566	0.832128	-1.20174	0.430227	1.15398	1.15398	0.76217	0.947442	-1.05547	0.142166	0.755271	-1.32403	0.603781	0.911077	-1.0976	0.381686	1.17303	1.17303	2.2093	1.10707	0.44542	1
cg11790217	PIAS1	0.139044	0.325676	0.707423	-1.41358	0.0428046	2.2149	2.2149	0.196496	1.59325	1.59325	0.316949	0.702686	-1.42311	0.798249	0.916345	-1.09129	0.124179	0.566759	-1.76442	0.355189	0.72297	-1.38318	0.10799	1.81872	1.81872	0.414559	1.32904	1.32904	2.20929	4.07023	1.63762	1
cg14555113	TMEM60	0.139045	0.502344	0.654133	-1.52874	0.0362031	0.21904	-4.56537	0.2213	0.448639	-2.22897	0.969994	0.976822	-1.02373	0.123083	0.352933	-2.8334	0.565563	0.696193	-1.43638	0.201845	0.431618	-2.31686	0.0395372	4.41208	4.41208	0.879559	0.909797	-1.09915	2.20928	13.6001	5.47188	1
cg03955683	HRNBP3	0.139045	0.649299	1.43869	1.43869	0.0317251	7.39258	7.39258	0.947804	0.949314	-1.05339	0.10594	4.06733	4.06733	0.211625	2.84476	2.84476	0.262811	2.52831	2.52831	0.401724	0.505665	-1.97759	0.0224495	8.78069	8.78069	0.20108	2.92346	2.92346	2.20928	22.0868	8.88649	1
cg13345558	PRKAA1;PRKAA1	0.139049	0.160486	0.377415	-2.6496	0.384533	1.78508	1.78508	0.458203	1.63385	1.63385	0.364167	0.545493	-1.83321	0.0333896	0.198745	-5.03158	0.504345	0.643816	-1.55324	0.0347767	0.202046	-4.94936	0.815819	0.859294	-1.16375	0.0845161	0.289346	-3.45607	2.20925	14.7797	5.9466	1
cg02569658	SLC16A1;SLC16A1	0.13905	0.600929	1.21609	1.21609	0.0470841	0.430697	-2.32182	0.950173	0.9771	-1.02344	0.561656	0.804501	-1.24301	0.0303165	0.389119	-2.56991	0.113801	0.528471	-1.89225	0.0438422	0.423682	-2.36026	0.123625	0.53891	-1.8556	0.757328	0.891462	-1.12175	2.20925	4.80801	1.9345	1
cg11841335	ZC3H11A	0.139054	0.159903	0.763391	-1.30994	0.267928	0.812628	-1.23057	0.778673	1.05196	1.05196	0.582774	0.905065	-1.10489	0.0340642	0.640996	-1.56007	0.0344657	0.641838	-1.55803	0.393755	1.17007	1.17007	0.664765	1.08154	1.08154	0.271412	1.22857	1.22857	2.20922	1.13104	0.455081	1
cg09148649	MRGPRE	0.139059	0.0992623	0.284608	-3.5136	0.596332	1.45027	1.45027	0.533619	0.645043	-1.55028	0.206609	0.396003	-2.52523	0.03821	0.188156	-5.31473	0.109129	0.29672	-3.37018	0.0258727	0.158873	-6.29434	0.0881669	0.270223	-3.70065	0.342894	0.506854	-1.97295	2.20918	16.9209	6.80834	1
cg06821107	C9orf96;SURF4	0.13906	0.410183	0.788416	-1.26837	0.184362	1.48802	1.48802	0.492888	0.821542	-1.21722	0.145292	1.55494	1.55494	0.15213	0.648548	-1.54191	0.379393	0.775276	-1.28986	0.19623	0.679952	-1.47069	0.0337318	2.0136	2.0136	0.945293	0.980816	-1.01956	2.20917	2.78764	1.12165	1
cg05782471	TP73;TP73;TP73;TP73	0.139061	0.85582	0.956347	-1.04565	0.0281405	0.529261	-1.88943	0.170163	0.698713	-1.4312	0.558877	0.864974	-1.1561	0.683287	1.1059	1.1059	0.209536	1.38343	1.38343	0.0447155	1.76035	1.76035	0.60769	1.1355	1.1355	0.760458	0.927705	-1.07793	2.20916	2.10708	0.847815	1
cg09260089	NKX6-2	0.139062	0.271574	1.35517	1.35517	0.170603	1.47328	1.47328	0.98567	0.995242	-1.00478	0.610417	0.872457	-1.14619	0.242486	0.722661	-1.38377	0.211078	0.704765	-1.41891	0.116896	1.57197	1.57197	0.729508	1.09656	1.09656	0.0197493	2.11191	2.11191	2.20915	2.46713	0.99269	1
cg15600488	MTMR7	0.139064	0.938652	0.98752	-1.01264	0.926282	1.01521	1.01521	0.072067	1.38759	1.38759	0.325515	0.847355	-1.18014	0.76766	0.952813	-1.04952	0.114452	1.32328	1.32328	0.277964	1.2021	1.2021	0.946581	0.989127	-1.01099	0.0118714	1.66932	1.66932	2.20914	0.93136	0.374749	1
cg02633767	TAP2;TAP2	0.139064	0.0954736	0.368198	-2.71593	0.734839	0.830731	-1.20376	0.132117	0.412075	-2.42674	0.775226	0.855408	-1.16903	0.263235	0.52927	-1.8894	0.055573	0.306217	-3.26566	0.0117553	0.179649	-5.5664	0.519951	0.700611	-1.42733	0.0764436	0.341241	-2.93048	2.20914	10.4119	4.18943	1
cg00083993	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.139065	0.0320486	2.07674	2.07674	0.195358	1.48959	1.48959	0.870075	0.953486	-1.04878	0.505803	1.21707	1.21707	0.00908022	2.62393	2.62393	0.430912	1.26354	1.26354	0.264665	1.40252	1.40252	0.737617	0.906801	-1.10278	0.901294	1.03676	1.03676	2.20913	2.96223	1.19191	1
cg21439896	PSMB2	0.139066	0.0621672	0.337394	-2.96389	0.131351	0.430477	-2.32301	0.122894	0.42109	-2.37479	0.205067	0.500642	-1.99743	0.052191	0.318943	-3.13536	0.149689	0.449671	-2.22385	0.0188731	0.229549	-4.35636	0.146073	0.445999	-2.24216	0.148292	0.448259	-2.23086	2.20913	9.36793	3.76938	1
cg03038816	SEC1;CA11	0.139066	0.898356	1.02093	1.02093	0.812735	0.962267	-1.03921	0.891441	0.978111	-1.02238	0.560523	1.10009	1.10009	0.396491	0.868726	-1.15111	0.87098	0.974	-1.02669	0.00557899	0.554344	-1.80393	0.294051	1.19291	1.19291	0.145872	0.776428	-1.28795	2.20912	0.919063	0.369805	1
cg19551082	TESK2	0.139069	0.0585679	1.22837	1.22837	0.78146	1.02713	1.02713	0.161829	0.866065	-1.15465	0.252629	0.891345	-1.1219	0.28018	0.897573	-1.11412	0.492603	1.06938	1.06938	0.0263473	0.776043	-1.28859	0.545283	0.942777	-1.0607	0.404347	0.921148	-1.0856	2.2091	0.324195	0.130448	1
cg03619472	OGFOD1;NUDT21	0.139071	0.410079	0.826515	-1.2099	0.0470456	1.67209	1.67209	0.069346	1.58333	1.58333	0.023434	1.84481	1.84481	0.269389	1.29712	1.29712	0.75439	0.931477	-1.07356	0.546302	0.871016	-1.14808	0.578467	1.13536	1.13536	0.388242	1.22141	1.22141	2.20909	1.78982	0.720184	1
cg08825200	KCNMB3;KCNMB3	0.139072	0.0718611	1.71189	1.71189	0.253322	1.37598	1.37598	0.249313	0.724611	-1.38005	0.0435437	1.86061	1.86061	0.454803	0.815729	-1.2259	0.809834	0.93754	-1.06662	0.0930956	1.63924	1.63924	0.103042	1.61141	1.61141	0.958379	1.01406	1.01406	2.20908	2.50404	1.00757	1
cg23964386	PTGR1;PTGR1;PTGR1	0.139072	0.308904	0.732462	-1.36526	0.0125675	0.399455	-2.50341	0.493238	1.22841	1.22841	0.427459	1.27066	1.27066	0.0946934	0.580989	-1.7212	0.313724	0.734881	-1.36076	0.129978	0.616575	-1.62186	0.171052	0.649918	-1.53866	0.481638	0.809403	-1.23548	2.20908	3.05817	1.23054	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19304507	MTMR3;MTMR3;MTMR3	0.139073	0.275471	1.29447	1.29447	0.308472	1.271	1.271	0.810474	1.05618	1.05618	0.396277	0.820677	-1.21851	0.414993	0.827329	-1.20871	0.0069106	2.21524	2.21524	0.762439	1.0714	1.0714	0.423573	0.830324	-1.20435	0.290125	1.28373	1.28373	2.20908	1.81073	0.728601	1
cg18987833	VGLL4	0.139074	0.186297	1.72447	1.72447	0.164854	1.77937	1.77937	0.148392	1.82742	1.82742	0.222386	1.64661	1.64661	0.227254	1.63721	1.63721	0.286252	1.53833	1.53833	0.00524986	4.186	4.186	0.145918	1.83518	1.83518	0.221365	1.64861	1.64861	2.20907	5.2919	2.12937	1
cg07595113	MYBL1;MYBL1;MYBL1;MYBL1	0.139074	0.0391804	1.6694	1.6694	0.220427	1.31871	1.31871	0.221315	1.31793	1.31793	0.265147	1.28322	1.28322	0.0704968	1.54354	1.54354	0.999153	0.999772	-1.00023	0.0634377	0.638787	-1.56547	0.520891	1.14997	1.14997	0.385351	1.21059	1.21059	2.20907	1.61326	0.649146	1
cg18275519	SCUBE1	0.139078	0.0688574	0.537408	-1.86078	0.874478	0.952928	-1.0494	0.0378695	0.479833	-2.08406	0.888046	1.0439	1.0439	0.195222	0.658469	-1.51867	0.100265	0.577419	-1.73185	0.232885	1.4645	1.4645	0.165872	0.637196	-1.56938	0.107189	0.584902	-1.70969	2.20904	3.25439	1.30953	1
cg14909179	CHID1;CHID1;CHID1;CHID1;CHID1	0.139081	0.941253	1.0531	1.0531	0.438702	1.74107	1.74107	0.593944	0.685387	-1.45903	0.0999061	0.282037	-3.54564	0.110396	0.294826	-3.39183	0.355681	1.94835	1.94835	0.0174278	0.131061	-7.63002	0.457301	1.70132	1.70132	0.238275	0.420135	-2.38019	2.20901	17.2427	6.93832	1
cg00636562	UXT;LOC100133957;UXT;LOC100133957	0.139084	0.324169	0.292485	-3.41898	0.0622351	0.0729713	-13.704	0.396989	0.35207	-2.84034	0.197583	5.25147	5.25147	0.46142	0.406344	-2.46097	0.0258676	0.0344431	-29.0334	?	?	?	?	?	?	0.361156	0.322566	-3.10014	2.53115	42.2898	14.3209	1
cg14001360	BRE;BRE;BRE;BRE;LOC100302650;BRE;RBKS;BRE;BRE;BRE;BRE;BRE	0.139084	0.800185	0.966956	-1.03417	0.767411	0.961467	-1.04008	0.456551	1.10568	1.10568	0.337792	0.877289	-1.13988	0.215025	0.841209	-1.18876	0.714702	0.952523	-1.04984	0.00579363	0.619473	-1.61427	0.279389	1.16067	1.16067	0.735802	1.04589	1.04589	2.20899	0.614101	0.247112	1
cg25565138	DLK2;DLK2	0.139085	0.149962	1.28536	1.28536	0.95973	1.00825	1.00825	0.289413	1.19585	1.19585	0.262381	1.20934	1.20934	0.329314	0.848955	-1.17792	0.578579	1.09556	1.09556	0.011427	0.597589	-1.67339	0.463737	1.12897	1.12897	0.904249	1.01977	1.01977	2.20898	0.925554	0.37244	1
cg13994177	SNORD116-1	0.139086	0.12618	0.331158	-3.01971	0.0431082	0.211326	-4.73204	0.451563	1.66912	1.66912	0.216265	0.419315	-2.38484	0.0894444	0.286297	-3.49287	0.214948	0.41816	-2.39143	0.283147	0.474814	-2.10609	0.24907	2.23596	2.23596	0.0920667	0.289791	-3.45077	2.20898	15.6076	6.28046	1
cg01347776	GNB4	0.139087	0.489584	1.15975	1.15975	0.244958	1.29279	1.29279	0.065583	1.54703	1.54703	0.289509	1.2613	1.2613	0.29619	1.25698	1.25698	0.0823839	1.50122	1.50122	0.00595899	2.13658	2.13658	0.449795	1.17658	1.17658	0.67228	1.094	1.094	2.20897	1.55979	0.62766	1
cg03238709	FCGBP	0.139091	0.56779	1.15926	1.15926	0.145151	0.670054	-1.49242	0.089622	0.619457	-1.61432	0.267528	0.744084	-1.34394	0.219377	0.718533	-1.39172	0.778148	1.07496	1.07496	0.0266155	1.95907	1.95907	0.31444	0.766261	-1.30504	0.551923	0.857254	-1.16652	2.20894	2.29137	0.922058	1
cg04874326	C6orf195;C6orf195	0.139091	0.116457	0.597767	-1.67289	0.394794	0.768814	-1.3007	0.944282	0.979137	-1.02131	0.289264	0.717617	-1.3935	0.00941006	0.370459	-2.69936	0.306438	0.726585	-1.3763	0.060029	0.527317	-1.89639	0.345443	0.74594	-1.34059	0.457987	1.25605	1.25605	2.20894	3.18335	1.281	1
cg21846232	SFRP1	0.139098	0.475472	1.53619	1.53619	0.365224	1.73393	1.73393	0.0441737	3.92656	3.92656	0.683464	0.784645	-1.27446	0.143991	0.395091	-2.53106	0.950241	0.963753	-1.03761	0.197618	0.446789	-2.23819	0.0366553	4.20535	4.20535	0.52165	1.46851	1.46851	2.20889	12.2439	4.9271	1
cg00342415	KCNT1	0.139101	0.775898	1.12649	1.12649	0.0396235	2.69929	2.69929	0.0570087	2.45642	2.45642	0.480785	1.34861	1.34861	0.16719	0.540923	-1.84869	0.104497	2.09705	2.09705	0.265243	1.62338	1.62338	0.283804	0.62834	-1.5915	0.897754	1.05511	1.05511	2.20887	6.09218	2.4516	1
cg11800383	ZMYM5;ZMYM5;ZMYM5	0.139103	0.541268	1.15893	1.15893	0.92237	1.02352	1.02352	0.715796	1.09112	1.09112	0.392891	0.811599	-1.23214	0.125111	0.673052	-1.48577	0.0589217	0.601248	-1.66321	0.0397707	1.76293	1.76293	0.338714	1.26517	1.26517	0.221792	1.35836	1.35836	2.20885	1.98999	0.800814	1
cg21449569	C19orf35	0.139104	0.870929	1.10824	1.10824	0.158324	2.59386	2.59386	0.570577	1.4366	1.4366	0.0442186	4.30944	4.30944	0.102289	0.323011	-3.09587	0.387573	1.75018	1.75018	0.488947	0.641282	-1.55938	0.161849	0.389045	-2.5704	0.131031	2.80238	2.80238	2.20885	13.9736	5.62331	1
cg11881472	PRR5L;PRR5L;PRR5L;PRR5L	0.139104	0.0238978	0.114523	-8.73189	0.20039	0.337068	-2.96676	0.1845	0.322482	-3.10095	0.359938	0.46918	-2.13138	0.0342466	0.137226	-7.28726	0.149914	0.289067	-3.4594	0.0470799	0.160883	-6.2157	0.237755	0.369959	-2.70301	0.0882078	0.220335	-4.53855	2.20884	22.6148	9.10072	1
cg07851243	MXRA7;MXRA7;MXRA7	0.139105	0.927306	1.01743	1.01743	0.0745937	1.45648	1.45648	0.0145777	1.76748	1.76748	0.260529	1.24878	1.24878	0.237025	1.26432	1.26432	0.15722	1.33159	1.33159	0.79184	0.951158	-1.05135	0.268656	0.804037	-1.24372	0.727873	0.936008	-1.06837	2.20883	1.2538	0.50456	1
cg19526455	PPP1R1B;PPP1R1B	0.13911	0.498853	1.27689	1.27689	0.102415	1.88949	1.88949	0.983474	0.992653	-1.0074	0.469698	0.769618	-1.29935	0.537514	1.24891	1.24891	0.435206	1.32769	1.32769	0.0560109	0.462721	-2.16113	0.0210865	2.68475	2.68475	0.708761	1.14292	1.14292	2.2088	4.43406	1.7844	1
cg10200312	CKLF;CKLF;CKLF;CKLF;CKLF;CKLF;CKLF;CKLF;CKLF;CKLF	0.139111	0.111636	0.766183	-1.30517	0.100668	1.31837	1.31837	0.309543	0.850744	-1.17544	0.27386	0.839437	-1.19128	0.0677275	0.730109	-1.36966	0.223046	0.821353	-1.2175	0.0539669	0.71443	-1.39972	0.562989	0.914033	-1.09405	0.52749	1.10341	1.10341	2.20879	0.826547	0.332629	1
cg06454337	TMEM27	0.139112	0.0337043	3.11752	3.11752	0.0306198	3.20423	3.20423	0.301412	1.63372	1.63372	0.827568	0.90483	-1.10518	0.882725	1.07001	1.07001	0.176636	1.93188	1.93188	0.186446	1.90048	1.90048	0.0453229	2.86514	2.86514	0.119399	2.17002	2.17002	2.20879	7.35241	2.95885	1
cg18054956	KLHL11	0.139113	0.99803	0.999707	-1.00029	0.971786	1.00421	1.00421	0.61441	0.941498	-1.06214	0.534109	0.927999	-1.07759	0.440817	0.910936	-1.09777	0.0484952	0.7653	-1.30668	0.00517982	0.645354	-1.54954	0.937317	1.00938	1.00938	0.298048	0.879843	-1.13657	2.20878	0.492639	0.198255	1
cg08852033	OSTC	0.139113	0.738297	0.921788	-1.08485	0.00772725	2.2958	2.2958	0.297135	1.30021	1.30021	0.18287	0.709431	-1.40958	0.416526	0.81736	-1.22345	0.819503	0.946001	-1.05708	0.498286	0.846222	-1.18172	0.552797	0.864295	-1.15701	0.590521	1.14103	1.14103	2.20878	2.06358	0.830455	1
cg27177006	FLJ40504	0.139114	0.0304397	0.255009	-3.92143	0.0677856	0.333192	-3.00127	0.0725048	0.340786	-2.93439	0.838206	0.895986	-1.11609	0.418378	0.641329	-1.55926	0.0730156	0.341589	-2.9275	0.0728412	0.341315	-2.92984	0.419305	0.641921	-1.55782	0.059201	0.318449	-3.14022	2.20877	10.0949	4.06255	1
cg27545787	MORN1	0.139115	0.181242	0.612253	-1.63331	0.424498	0.754329	-1.32568	0.944556	0.976246	-1.02433	0.412247	0.748428	-1.33613	0.0901919	0.524423	-1.90686	0.100113	0.53647	-1.86404	0.00670035	0.296531	-3.37232	0.126419	0.56467	-1.77095	0.38815	0.736589	-1.35761	2.20877	4.17957	1.68201	1
cg18749563	TBC1D16	0.139116	0.591851	0.656377	-1.52351	0.0112515	0.084571	-11.8244	0.0524136	0.179803	-5.56164	0.994394	1.00548	1.00548	0.462148	0.558622	-1.79012	0.0841496	0.226174	-4.42137	0.54927	0.62415	-1.60218	0.184819	0.334855	-2.98636	0.503069	1.69668	1.69668	2.20876	21.1687	8.51908	1
cg14032529	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.139117	0.888144	0.968408	-1.03262	0.593729	0.884426	-1.13068	0.333148	1.25572	1.25572	0.954436	1.01312	1.01312	0.382588	1.2266	1.2266	0.0580421	0.613429	-1.63018	0.0119406	0.488932	-2.04527	0.379964	1.22806	1.22806	0.976448	0.993289	-1.00676	2.20875	1.82009	0.73248	1
cg06737926	KIFC1	0.139118	0.0212108	0.314932	-3.17528	0.396953	0.696444	-1.43586	0.11231	0.486237	-2.05661	0.240579	0.599037	-1.66935	0.0348611	0.358561	-2.78892	0.205607	0.57297	-1.74529	0.0836075	0.449936	-2.22254	0.692959	1.18	1.18	0.16636	0.540372	-1.85058	2.20874	6.08505	2.44888	1
cg12373084	C9orf150;C9orf150	0.139121	0.991638	0.998329	-1.00167	0.0650148	1.39174	1.39174	0.0241413	1.53569	1.53569	0.172624	1.26058	1.26058	0.664925	1.072	1.072	0.830766	0.966431	-1.03474	0.083484	0.736643	-1.35751	0.432068	1.13647	1.13647	0.399054	1.14768	1.14768	2.20872	0.890396	0.358336	1
cg21481141	CIRBP;C19orf23;CIRBP;CIRBP	0.139122	0.552258	1.20451	1.20451	0.0247416	2.28706	2.28706	0.231621	1.47438	1.47438	0.0297028	2.20752	2.20752	0.76869	0.912784	-1.09555	0.94229	1.02266	1.02266	0.341637	0.738445	-1.3542	0.879263	0.954051	-1.04816	0.0996006	1.74806	1.74806	2.20871	3.34963	1.34805	1
cg27147556	ARL4D	0.139123	0.0910873	4.4334	4.4334	0.00694522	16.3584	16.3584	0.14411	3.50983	3.50983	0.418889	1.93652	1.93652	0.579724	1.56453	1.56453	0.126322	3.75602	3.75602	0.151484	3.42019	3.42019	0.19934	2.95955	2.95955	0.959889	1.04106	1.04106	2.20871	22.3957	9.01312	1
cg11315179	AZIN1;AZIN1	0.139123	0.938207	1.01942	1.01942	0.942331	1.01811	1.01811	0.143043	1.47768	1.47768	0.0940354	1.57891	1.57891	0.564344	1.15553	1.15553	0.272058	0.75305	-1.32793	0.0194726	0.496269	-2.01504	0.632363	0.887301	-1.12701	0.294893	0.763769	-1.3093	2.2087	2.15284	0.866405	1
cg16705929	LRRFIP1	0.139123	0.0686658	0.44574	-2.24346	0.218833	0.598827	-1.66993	0.135158	0.528039	-1.8938	0.451175	0.737573	-1.3558	0.0334102	0.373227	-2.67933	0.0216145	0.334974	-2.98531	0.297917	0.651915	-1.53394	0.722896	1.15162	1.15162	0.143494	0.53618	-1.86504	2.2087	5.49955	2.21328	1
cg07824483	MAFG;MAFG	0.139124	0.639643	0.912945	-1.09536	0.294463	0.81057	-1.2337	0.0715762	0.678001	-1.47493	0.0867377	0.693916	-1.4411	0.664426	0.919152	-1.08796	0.512367	1.13694	1.13694	0.060395	1.50536	1.50536	0.168478	1.32768	1.32768	0.362513	0.834628	-1.19814	2.2087	1.30498	0.525188	1
cg25792651	CLDN18;CLDN18	0.139124	0.147467	0.472839	-2.11488	0.587976	0.768283	-1.3016	0.587399	0.767964	-1.30215	0.14309	0.468418	-2.13485	0.0327298	0.299993	-3.33342	0.0740476	0.383138	-2.61002	0.0393894	0.317126	-3.15332	0.895452	1.06541	1.06541	0.0475366	0.335484	-2.98077	2.2087	8.12335	3.26923	1
cg18689504	GPSM3;NOTCH4	0.139125	0.329752	1.24583	1.24583	0.016462	1.89743	1.89743	0.0134469	1.95188	1.95188	0.99682	1.00087	1.00087	0.871743	0.965307	-1.03594	0.948851	0.986078	-1.01412	0.626166	0.89827	-1.11325	0.716342	1.08301	1.08301	0.562073	1.13667	1.13667	2.20869	1.67063	0.672348	1
cg17341502	BRF1;BRF1	0.139125	0.0372972	3.48575	3.48575	0.0694041	2.85567	2.85567	0.978686	0.986294	-1.0139	0.045834	3.26261	3.26261	0.871461	0.919751	-1.08725	0.168475	2.13419	2.13419	0.194933	0.492507	-2.03043	0.882822	0.926639	-1.07917	0.713758	1.20964	1.20964	2.20869	9.33533	3.75701	1
cg02609742	ASPSCR1	0.139128	0.604912	0.914242	-1.0938	0.42649	0.869798	-1.14969	0.0419782	1.49575	1.49575	0.0321509	0.64977	-1.53901	0.477945	1.13195	1.13195	0.145607	0.764579	-1.30791	0.509137	1.12193	1.12193	0.941423	0.987454	-1.01271	0.31034	0.834985	-1.19763	2.20867	1.0324	0.415494	1
cg20097268	HBXIP	0.139129	0.897544	0.978745	-1.02172	0.496233	1.12212	1.12212	0.130743	1.31278	1.31278	0.0228438	0.634951	-1.57493	0.421619	0.872051	-1.14672	0.394856	1.15642	1.15642	0.113344	1.33289	1.33289	0.379899	1.16209	1.16209	0.218473	1.24094	1.24094	2.20866	0.972899	0.391549	1
cg08976117	ARHGEF3	0.139131	0.0394664	0.218627	-4.57401	0.0658208	0.267789	-3.73428	0.110829	0.329929	-3.03096	0.808789	0.856635	-1.16736	0.0263965	0.186284	-5.36814	0.287058	0.493819	-2.02503	0.220744	0.439681	-2.27438	0.432495	1.66745	1.66745	0.461406	0.619654	-1.6138	2.20865	14.2511	5.73549	1
cg07210061	PAQR4	0.139137	0.140831	0.831401	-1.20279	0.0801248	1.25397	1.25397	0.27562	1.14134	1.14134	0.503309	0.92388	-1.08239	0.791822	1.03132	1.03132	0.211206	0.857665	-1.16596	0.918248	0.988104	-1.01204	0.460309	1.09158	1.09158	0.0265583	1.35858	1.35858	2.2086	0.475267	0.191279	1
cg02789394	FYN	0.139139	0.0568122	0.399242	-2.50475	0.540226	1.30226	1.30226	0.0844704	0.443586	-2.25435	0.100936	2.14934	2.14934	0.560048	1.28531	1.28531	0.16378	1.8831	1.8831	0.416804	0.70226	-1.42397	0.478417	1.35928	1.35928	0.296108	0.630376	-1.58636	2.20858	6.34567	2.55394	1
cg13751927	F2RL3	0.139141	0.961309	1.03548	1.03548	0.143493	3.09497	3.09497	0.0366141	5.72865	5.72865	0.733633	0.782322	-1.27825	0.0391258	0.179815	-5.56128	0.976727	0.979252	-1.02119	0.267953	2.2918	2.2918	0.271059	0.438876	-2.27855	0.842511	0.866781	-1.15369	2.20857	18.068	7.27186	1
cg11961618	PHLDA2	0.139142	0.11848	0.463101	-2.15936	0.40523	0.67923	-1.47225	0.0605936	0.382523	-2.61422	0.897416	1.06034	1.06034	0.0277733	0.306851	-3.25891	0.0375875	0.334306	-2.99127	0.61228	1.2613	1.2613	0.282368	0.602061	-1.66096	0.173365	0.517887	-1.93093	2.20856	7.21634	2.90439	1
cg08298757	FAM83F	0.139147	0.0374593	20.0531	20.0531	0.150643	6.77359	6.77359	0.201137	5.34716	5.34716	0.0946965	9.78546	9.78546	0.21774	5.00407	5.00407	0.127313	7.75008	7.75008	0.0279367	25.1657	25.1657	0.0599206	13.9572	13.9572	0.117166	8.27765	8.27765	2.20853	53.9433	21.7111	1
cg04602218	SLC25A43	0.139147	0.107764	0.475991	-2.10088	0.695193	1.18123	1.18123	0.682962	0.840554	-1.18969	0.00773678	4.2504	4.2504	0.595173	1.25463	1.25463	0.274462	0.618182	-1.61765	0.791794	0.894127	-1.11841	0.762118	1.13702	1.13702	0.921475	0.959152	-1.04259	2.20853	6.25801	2.51873	1
cg26199552	SHANK2;SHANK2	0.13915	0.13656	0.52504	-1.90462	0.595969	1.2398	1.2398	0.0980361	2.07305	2.07305	0.51601	1.30284	1.30284	0.015046	0.301081	-3.32136	0.767471	1.12649	1.12649	0.629685	1.21551	1.21551	0.381499	0.69729	-1.43412	0.626356	1.21785	1.21785	2.2085	5.64404	2.27164	1
cg07026666	SOX13	0.139151	0.0315581	0.302177	-3.30932	0.386855	0.656362	-1.52355	0.152111	0.482764	-2.07141	0.58418	1.29997	1.29997	0.0124048	0.228251	-4.38114	0.356629	0.637604	-1.56837	0.265453	0.576459	-1.73473	0.756405	1.15917	1.15917	0.432313	0.683595	-1.46286	2.2085	7.88097	3.17198	1
cg26086785	RPS6KA2	0.139153	0.121693	0.403296	-2.47957	0.867948	1.09425	1.09425	0.174621	2.18478	2.18478	0.241701	0.515168	-1.94112	0.0137675	0.1924	-5.1975	0.277499	0.542665	-1.84276	0.113804	0.394085	-2.53752	0.896835	0.932197	-1.07274	0.682914	0.800679	-1.24894	2.20848	10.2465	4.12411	1
cg02750234	NF1;NF1;NF1	0.139154	?	?	?	0.647113	0.835701	-1.1966	0.171902	1.76172	1.76172	0.79051	0.901515	-1.10924	0.0364477	2.57753	2.57753	0.0975336	2.02989	2.02989	0.936116	1.03171	1.03171	0.0957266	0.490384	-2.03922	0.292464	1.53006	1.53006	2.22745	4.75508	2.13476	1
cg01044662	C2orf3	0.139155	0.245967	0.588895	-1.6981	0.0892097	0.441365	-2.2657	0.587557	1.26995	1.26995	0.845493	0.918384	-1.08887	0.300885	0.626389	-1.59645	0.198261	0.552474	-1.81004	0.0127392	0.259068	-3.85999	0.0531479	0.383349	-2.60859	0.200767	0.554504	-1.80341	2.20847	6.66083	2.68092	1
cg17226399	UBOX5;UBOX5;FASTKD5	0.139155	0.885391	0.916602	-1.09099	0.0708591	3.38243	3.38243	0.0229732	5.16695	5.16695	0.992634	0.994442	-1.00559	0.678353	1.28634	1.28634	0.84743	1.12333	1.12333	0.732861	0.813132	-1.22981	0.824395	0.874429	-1.1436	0.0458494	0.25108	-3.9828	2.20847	12.7511	5.13222	1
cg12072757	GTF3C6	0.139158	0.804062	1.0384	1.0384	0.997845	0.999591	-1.00041	0.915388	1.01624	1.01624	0.0995501	0.760609	-1.31474	0.361519	0.867466	-1.15278	0.325694	1.16629	1.16629	0.00803703	0.597655	-1.67321	0.927775	1.01384	1.01384	0.37844	1.1468	1.1468	2.20845	0.803674	0.323475	1
cg23206630	TLN2	0.139158	0.033772	0.215891	-4.63196	0.0346105	0.21794	-4.58841	0.0343869	0.217397	-4.59988	0.535412	0.678326	-1.47422	0.116434	0.348211	-2.87182	0.641544	0.748313	-1.33634	0.128458	0.361989	-2.76252	0.169536	0.404567	-2.47178	0.146016	0.380934	-2.62513	2.20844	13.3759	5.38373	1
cg25099065	ANXA4	0.13916	0.198168	0.494288	-2.02311	0.0124746	0.199761	-5.00598	0.251845	0.537824	-1.85934	0.809739	0.882522	-1.13312	0.065077	0.341925	-2.92462	0.0882989	0.37742	-2.64957	0.723197	1.20232	1.20232	0.661851	1.25611	1.25611	0.85472	1.09962	1.09962	2.20843	9.38923	3.77915	1
cg13083111	MRPL54;APBA3	0.13916	0.666439	1.13974	1.13974	0.374537	0.75963	-1.31643	0.0299092	0.462753	-2.16098	0.337229	0.741985	-1.34774	0.700633	0.89001	-1.12358	0.385388	1.30789	1.30789	0.257622	1.42807	1.42807	0.322388	1.36115	1.36115	0.0509261	1.95564	1.95564	2.20843	3.18213	1.2808	1
cg02595823	SPOCK2;SPOCK2	0.139161	0.722119	0.840039	-1.19042	0.111337	2.33174	2.33174	0.220286	1.87592	1.87592	0.451231	0.687503	-1.45454	0.0382634	3.22888	3.22888	0.977822	0.986522	-1.01366	0.552877	0.745983	-1.34051	0.0440909	0.323312	-3.09299	0.758006	1.16283	1.16283	2.20842	8.33415	3.35449	1
cg18354462	UPK2	0.139163	0.067373	0.422343	-2.36775	0.848755	1.0836	1.0836	0.229218	0.588257	-1.69994	0.852777	1.08125	1.08125	0.0457577	0.381731	-2.61964	0.134613	0.507451	-1.97063	0.0895251	0.455112	-2.19726	0.0278258	0.33512	-2.98401	0.957846	0.978018	-1.02248	2.2084	6.18508	2.48951	1
cg13986670	FBXO2	0.139168	0.451417	0.52866	-1.89158	0.519079	1.72118	1.72118	0.808293	0.817143	-1.22378	0.14492	3.67151	3.67151	0.0718809	0.188384	-5.30832	0.0986952	4.50054	4.50054	0.573773	1.60348	1.60348	0.0773087	5.11165	5.11165	0.0938938	4.61956	4.61956	2.20837	24.1389	9.71612	1
cg02712845	DPAGT1	0.13917	0.563243	1.11024	1.11024	0.210284	1.26649	1.26649	0.16321	1.30517	1.30517	0.140183	1.32844	1.32844	0.0390961	0.652258	-1.53314	0.233698	0.799772	-1.25036	0.232801	0.799396	-1.25094	0.694541	0.931809	-1.07318	0.325094	1.19943	1.19943	2.20835	1.12007	0.45084	1
cg14189583	DEDD2	0.139171	0.410887	0.782184	-1.27847	0.525866	0.828795	-1.20657	0.0804857	0.567573	-1.76189	0.0384162	0.496194	-2.01534	0.521686	0.827179	-1.20893	0.302045	1.36665	1.36665	0.094654	1.71029	1.71029	0.948352	1.01911	1.01911	0.128692	0.618966	-1.6156	2.20835	2.98512	1.20155	1
cg19363242	ECE1;ECE1;ECE1;ECE1	0.139173	0.775113	0.937491	-1.06668	0.233718	0.754774	-1.3249	0.485557	1.17315	1.17315	0.975936	1.00682	1.00682	0.0136025	0.502602	-1.98964	0.216376	1.34065	1.34065	0.0954663	1.51095	1.51095	0.615717	0.89222	-1.1208	0.665406	0.906605	-1.10302	2.20834	1.77604	0.714884	1
cg15518337	RHOXF2;RHOXF2B	0.139173	0.330423	1.50004	1.50004	0.800423	1.10769	1.10769	0.752438	0.880061	-1.13628	0.784635	1.11695	1.11695	0.00612275	0.235897	-4.23914	0.223686	1.67557	1.67557	0.684475	0.847932	-1.17934	0.991626	0.995772	-1.00425	0.264537	0.625297	-1.59924	2.20833	5.70163	2.295	1
cg22052291	TNFRSF19;TNFRSF19	0.139173	0.340763	1.15984	1.15984	0.570089	1.09056	1.09056	0.602007	0.923603	-1.08272	0.576958	0.918404	-1.08885	0.0232612	0.663889	-1.50628	0.636721	0.930666	-1.0745	0.0466744	0.708903	-1.41063	0.168811	0.801358	-1.24788	0.239384	1.20453	1.20453	2.20833	0.797882	0.32116	1
cg21582582	DCUN1D1	0.139175	0.0085667	0.332422	-3.00822	0.737092	0.895253	-1.117	0.336539	1.3846	1.3846	0.341737	0.724904	-1.37949	0.66209	1.15537	1.15537	0.0513717	0.48264	-2.07194	0.993193	0.997202	-1.00281	0.422507	0.7641	-1.30873	0.568238	0.827444	-1.20854	2.20832	3.772	1.5183	1
cg10493055	TSPAN5	0.139176	0.871657	1.09805	1.09805	0.030215	4.36758	4.36758	0.0295919	4.40058	4.40058	0.816843	1.14363	1.14363	0.0797424	0.324685	-3.07991	0.369341	1.70464	1.70464	0.836868	1.12668	1.12668	0.842457	0.89126	-1.12201	0.90283	0.931782	-1.07321	2.20831	11.7047	4.71138	1
cg20179726	FRMD4A	0.139177	0.474097	0.747368	-1.33803	0.440369	1.3699	1.3699	0.0285336	2.81122	2.81122	0.761619	1.12941	1.12941	0.0525104	0.41402	-2.41534	0.403575	1.40759	1.40759	0.697569	1.16906	1.16906	0.448514	1.36199	1.36199	0.13367	0.523588	-1.9099	2.2083	5.59572	2.2524	1
cg07275757	NR3C2;NR3C2	0.13918	0.148154	0.415918	-2.40432	0.619508	0.753463	-1.32721	0.276672	0.527366	-1.89622	0.619262	1.32747	1.32747	0.0973403	0.357412	-2.79789	0.139667	0.407045	-2.45673	0.0263035	0.225341	-4.43773	0.125949	2.55073	2.55073	0.822882	0.880924	-1.13517	2.20828	11.185	4.50225	1
cg14027685	KIAA0368	0.139182	0.24786	1.1522	1.1522	0.741911	0.961987	-1.03952	0.0372078	0.753045	-1.32794	0.144639	0.832153	-1.2017	0.0182748	0.714686	-1.39922	0.62403	0.943714	-1.05964	0.493847	1.08489	1.08489	0.846095	0.977469	-1.02305	0.55985	0.933194	-1.07159	2.20827	0.480962	0.1936	1
cg17522601	CHFR;CHFR;CHFR;CHFR;CHFR	0.139186	0.0149997	1.7611	1.7611	0.786625	1.05269	1.05269	0.247315	1.25726	1.25726	0.117594	1.37943	1.37943	0.535552	1.12608	1.12608	0.345107	1.20206	1.20206	0.052394	1.51819	1.51819	0.633097	0.912997	-1.09529	0.330988	0.827092	-1.20906	2.20824	1.25276	0.504277	1
cg22488970	CAMTA1	0.139186	0.0973875	0.320851	-3.11671	0.474229	1.57588	1.57588	0.712994	0.793832	-1.25971	0.780077	0.839517	-1.19116	0.0355341	0.21667	-4.61532	0.307777	1.93431	1.93431	?	?	?	0.0636075	0.271635	-3.68142	0.41632	1.68061	1.68061	2.22721	12.2453	5.49805	1
cg23583454	PPP1R10	0.139186	0.540649	0.746243	-1.34005	0.0392535	3.08711	3.08711	0.0896185	2.42137	2.42137	0.380224	1.53014	1.53014	0.475428	0.709666	-1.40911	0.842937	0.910513	-1.09828	0.060089	0.367049	-2.72443	0.208845	1.87022	1.87022	0.670478	1.22417	1.22417	2.20823	7.81022	3.14388	1
cg19350216	PTPRN2;PTPRN2;PTPRN2	0.139186	0.364253	0.720481	-1.38796	0.235605	0.645932	-1.54815	0.302433	0.686853	-1.45591	0.307085	0.689502	-1.45032	0.00393816	0.255647	-3.91164	0.293267	0.681568	-1.46721	0.162601	0.592044	-1.68906	0.908685	1.04117	1.04117	0.245773	0.65256	-1.53243	2.20823	4.32417	1.74063	1
cg17611262	SGK2;SGK2	0.139188	0.152051	1.40792	1.40792	0.180603	1.37297	1.37297	0.184746	0.730788	-1.36839	0.388322	1.2179	1.2179	0.727081	1.08125	1.08125	0.0485265	1.6528	1.6528	0.0244227	1.81825	1.81825	0.561334	1.13991	1.13991	0.157483	1.40077	1.40077	2.20822	1.73854	0.699826	1
cg01902939	TMEM48;TMEM48;TMEM48	0.13919	0.0217353	1.36443	1.36443	0.320114	1.12286	1.12286	0.573543	0.937865	-1.06625	0.293429	0.884324	-1.13081	0.35992	1.11201	1.11201	0.480294	1.0843	1.0843	0.0724926	0.797677	-1.25364	0.21091	1.16031	1.16031	0.950215	0.992982	-1.00707	2.20821	0.44497	0.179118	1
cg17541922	PRSS23	0.139192	0.476951	0.92321	-1.08318	0.386917	1.10295	1.10295	0.13907	1.19233	1.19233	0.971502	1.00395	1.00395	0.48484	0.924569	-1.08159	0.262914	1.13764	1.13764	0.00938151	1.43898	1.43898	0.291834	0.886174	-1.12845	0.471699	1.08425	1.08425	2.20819	0.426918	0.171852	1
cg01355875	WDR1;WDR1	0.139192	0.104339	0.82877	-1.20661	0.581491	1.06066	1.06066	0.669264	1.0465	1.0465	0.335021	0.900175	-1.11089	0.204383	0.867905	-1.1522	0.373965	0.907977	-1.10135	0.495401	1.07597	1.07597	0.236515	1.1402	1.1402	0.0220069	1.3372	1.3372	2.20819	0.391323	0.157524	1
cg09328012	LOC400931	0.139193	0.881354	1.05997	1.05997	0.0250952	2.82638	2.82638	0.0201281	2.9836	2.9836	0.150105	1.82503	1.82503	0.648254	0.836024	-1.19614	0.382388	1.4181	1.4181	0.473212	0.752414	-1.32905	0.216592	1.66032	1.66032	0.40561	1.39345	1.39345	2.20819	5.31775	2.14062	1
cg03622831	ZNF740;CSAD	0.139194	0.519485	0.894291	-1.1182	0.0108063	1.72944	1.72944	0.286453	0.827459	-1.20852	0.119109	1.33564	1.33564	0.231902	0.806925	-1.23927	0.805368	0.958639	-1.04315	0.381773	1.16589	1.16589	0.904986	1.02064	1.02064	0.890989	1.02374	1.02374	2.20818	1.02382	0.412131	1
cg03619973	LOX;LOX	0.139195	0.903301	0.985495	-1.01472	0.321331	1.13108	1.13108	0.118852	0.81586	-1.2257	0.823203	0.973456	-1.02727	0.0148337	1.43382	1.43382	0.247749	0.864785	-1.15636	0.164154	0.836553	-1.19538	0.707582	0.95571	-1.04634	0.792094	1.03227	1.03227	2.20817	0.50545	0.203466	1
cg17501982	NCK2;NCK2	0.139195	0.871728	1.03455	1.03455	0.751341	0.935366	-1.0691	0.450469	1.17541	1.17541	0.022852	0.564167	-1.77252	0.330619	0.809774	-1.23491	0.17311	1.35621	1.35621	0.0774763	1.51059	1.51059	0.249444	1.28789	1.28789	0.582689	0.889908	-1.12371	2.20817	1.54504	0.621947	1
cg13738729	PAX5	0.139197	0.313391	2.10666	2.10666	0.444459	1.74556	1.74556	0.155465	0.337507	-2.9629	0.550136	1.5404	1.5404	0.306121	2.13224	2.13224	0.092696	0.266579	-3.75123	0.0314781	0.164843	-6.06636	0.22842	2.46782	2.46782	0.961318	0.965936	-1.03527	2.20815	17.8583	7.18884	1
cg09820011	KIAA1598;KIAA1598	0.139202	0.650389	0.881014	-1.13506	0.233019	1.4151	1.4151	0.499774	0.826797	-1.20949	0.272195	1.37346	1.37346	0.389476	1.27743	1.27743	0.522889	1.19696	1.19696	0.00932763	0.400276	-2.49827	0.925394	0.974331	-1.02635	0.265197	0.724413	-1.38043	2.20812	2.6959	1.08525	1
cg27483317	MGMT	0.139206	0.05022	0.721462	-1.38607	0.99014	0.998194	-1.00181	0.721037	0.948914	-1.05384	0.414973	0.885271	-1.1296	0.396818	0.880828	-1.1353	0.920174	1.01477	1.01477	0.0112288	1.59136	1.59136	0.721694	0.949037	-1.0537	0.777038	1.0424	1.0424	2.20809	0.747982	0.301108	1
cg10208301	DNHD1	0.139211	0.119338	2.81223	2.81223	0.0110698	7.02153	7.02153	0.237209	2.13299	2.13299	0.437355	1.62362	1.62362	0.241915	2.11546	2.11546	0.220356	2.19956	2.19956	0.0253104	5.08703	5.08703	0.21999	2.20108	2.20108	0.215754	2.21888	2.21888	2.20805	13.0868	5.2683	1
cg15322430	HPCAL4	0.139212	0.45626	0.850861	-1.17528	0.142229	0.714757	-1.39908	0.879323	0.968178	-1.03287	0.111713	0.691624	-1.44587	0.88567	0.969841	-1.0311	0.170238	0.732787	-1.36465	0.864787	1.03694	1.03694	0.203022	1.33113	1.33113	0.0267949	1.74788	1.74788	2.20805	1.58439	0.637824	1
cg16876527	GALNT9	0.139217	0.420409	0.834869	-1.19779	0.933785	0.981946	-1.01839	0.262351	1.29206	1.29206	0.518256	1.15442	1.15442	0.0233541	0.552059	-1.8114	0.849798	1.04244	1.04244	0.0711097	1.55586	1.55586	0.998547	1.0004	1.0004	0.113037	0.685121	-1.4596	2.20801	1.68109	0.676763	1
cg20591652	HDAC4	0.139217	0.62695	1.2717	1.2717	0.115437	2.316	2.316	0.0535392	2.93287	2.93287	0.581102	1.31454	1.31454	0.0299321	0.285523	-3.50235	0.820744	0.894604	-1.11781	0.245412	1.81524	1.81524	0.685104	1.22148	1.22148	0.392011	0.650282	-1.5378	2.20801	8.42143	3.39026	1
cg02097203	KCNQ1;KCNQ1	0.139217	0.979824	1.01139	1.01139	0.074748	0.411152	-2.43219	0.00597654	0.200067	-4.99832	0.211786	0.554888	-1.80217	0.224677	0.564918	-1.77017	0.408136	0.684649	-1.4606	0.458011	0.71292	-1.40268	0.594007	1.2724	1.2724	0.612899	0.795768	-1.25665	2.20801	7.0114	2.82262	1
cg17217443	SOCS7	0.139217	0.780263	0.89588	-1.11622	0.108632	1.9897	1.9897	0.0360213	2.60852	2.60852	0.0503873	2.40321	2.40321	0.637789	0.829917	-1.20494	0.305604	1.51746	1.51746	0.203762	0.590173	-1.69442	0.18453	1.73902	1.73902	0.853728	0.930014	-1.07525	2.208	5.40485	2.17586	1
cg12092201	ZFP36L2	0.13922	0.072834	0.566035	-1.76667	0.505247	0.82509	-1.21199	0.106715	1.65018	1.65018	0.0796935	0.575158	-1.73865	0.0893697	0.587025	-1.70351	0.517258	1.20529	1.20529	0.0897956	0.587523	-1.70206	0.424957	0.79317	-1.26076	0.856125	0.949695	-1.05297	2.20798	2.82826	1.1386	1
cg12253828	ASCC3;ASCC3	0.139221	0.984539	0.996466	-1.00355	0.43899	1.15513	1.15513	0.484028	1.13876	1.13876	0.917595	1.01909	1.01909	0.354107	1.19027	1.19027	0.370642	0.845386	-1.18289	0.0772471	1.43175	1.43175	0.0102203	1.80684	1.80684	0.0775321	1.43115	1.43115	2.20798	1.16728	0.469924	1
cg25933094	ITPKA	0.139221	0.855781	0.964556	-1.03675	0.104502	0.703286	-1.4219	0.163515	1.34308	1.34308	0.703937	1.07867	1.07867	0.181757	0.7549	-1.32468	0.081068	1.46766	1.46766	0.104474	1.42195	1.42195	0.271415	1.25497	1.25497	0.150073	1.35805	1.35805	2.20798	1.37592	0.553917	1
cg27558411	MCF2L;MCF2L	0.139223	0.592656	1.40974	1.40974	0.00764448	8.85053	8.85053	0.0282372	5.19336	5.19336	0.766601	1.20838	1.20838	0.844718	0.882764	-1.13281	0.690983	0.775626	-1.28928	0.366978	1.80278	1.80278	0.450333	1.63087	1.63087	0.527499	1.50243	1.50243	2.20796	14.1405	5.69273	1
cg26900154	OTOF	0.139228	0.500079	0.786997	-1.27065	0.0348204	2.36499	2.36499	0.677777	1.15744	1.15744	0.973324	0.988367	-1.01177	0.152747	0.585148	-1.70897	0.191872	1.62163	1.62163	0.15889	0.590427	-1.69369	0.115255	0.549246	-1.82068	0.426127	1.32891	1.32891	2.20793	4.28177	1.7238	1
cg18902820	RNF213	0.13923	0.955785	0.981106	-1.01926	0.638845	0.849913	-1.17659	0.0274283	0.407586	-2.45347	0.619489	0.841796	-1.18794	0.733471	0.889065	-1.12478	0.275779	0.677031	-1.47704	0.0183686	2.67604	2.67604	0.845367	1.06948	1.06948	0.792568	1.09491	1.09491	2.20791	4.13871	1.66621	1
cg01058309	ZNF283	0.139231	0.161314	0.791171	-1.26395	0.395313	0.872564	-1.14605	0.263728	1.20013	1.20013	0.253649	0.829714	-1.20523	0.205714	0.811363	-1.23249	0.0919987	0.747926	-1.33703	0.0129369	0.616866	-1.6211	0.636116	1.07749	1.07749	0.578619	0.915896	-1.09183	2.2079	0.857422	0.345193	1
cg13460934	PRDM16;PRDM16	0.139233	0.0319083	2.59021	2.59021	0.698307	1.15886	1.15886	0.743257	0.883015	-1.13248	0.0821596	2.07297	2.07297	0.87525	0.942264	-1.06127	0.939347	1.02922	1.02922	0.211177	1.64649	1.64649	0.0145656	3.12365	3.12365	0.349535	1.43982	1.43982	2.20789	5.01035	2.01715	1
cg07648581	C3orf50	0.139236	0.853221	0.967223	-1.03389	0.398714	0.85601	-1.16821	0.910029	1.02055	1.02055	0.234612	0.799168	-1.2513	0.569296	1.10904	1.10904	0.00825478	0.54451	-1.83651	0.29274	0.821673	-1.21703	0.972345	0.993782	-1.00626	0.132317	1.33945	1.33945	2.20787	1.13224	0.455842	1
cg18070061	DUSP4;DUSP4	0.139239	0.522213	1.12712	1.12712	0.254875	0.803059	-1.24524	0.353085	0.838376	-1.19278	0.853678	1.03465	1.03465	0.399941	0.85302	-1.17231	0.853877	0.966557	-1.0346	0.0192186	1.6864	1.6864	0.458158	1.14956	1.14956	0.0557627	0.670412	-1.49162	2.20784	1.19024	0.479198	1
cg15630394	CMKLR1;CMKLR1;CMKLR1;CMKLR1	0.139243	0.0379957	0.401929	-2.488	0.569285	0.804178	-1.24351	0.247902	0.632734	-1.58044	0.525067	1.27638	1.27638	0.0756308	0.472692	-2.11554	0.599353	0.818033	-1.22244	0.152211	1.78806	1.78806	0.415846	0.729715	-1.3704	0.0553871	0.439206	-2.27684	2.20781	5.02	2.02111	1
cg01065780	MB	0.139246	0.276693	0.747417	-1.33794	0.414665	1.23931	1.23931	0.324467	0.76964	-1.29931	0.208502	1.40661	1.40661	0.089303	0.617486	-1.61947	0.375878	0.791485	-1.26345	0.0156014	0.466279	-2.14464	0.198387	0.704856	-1.41873	0.583924	0.867349	-1.15294	2.20779	2.31522	0.932138	1
cg04630982	MIR505	0.139246	0.03083	0.221175	-4.5213	0.94071	0.956705	-1.04525	0.337371	0.555154	-1.8013	0.029336	0.217132	-4.6055	0.0770736	0.310471	-3.22092	0.117432	0.36356	-2.75057	0.0547771	0.273578	-3.65526	0.295342	0.524285	-1.90736	0.237223	0.478649	-2.08921	2.20779	12.3794	4.98413	1
cg11531628	AHDC1	0.139246	0.786801	0.91969	-1.08732	0.0029281	0.283037	-3.53311	0.481624	0.801813	-1.24717	0.814576	0.930019	-1.07525	0.350379	0.743167	-1.34559	0.576516	0.840098	-1.19034	0.782739	1.08911	1.08911	0.637938	1.15763	1.15763	0.513264	0.814854	-1.22721	2.20779	3.33459	1.34256	1
cg25360485	ESYT2	0.139246	0.868105	1.03405	1.03405	0.77034	1.06075	1.06075	0.161589	0.73997	-1.35141	0.372936	0.831706	-1.20235	0.370461	1.20356	1.20356	0.0783407	1.48288	1.48288	0.0131218	1.85839	1.85839	0.462537	1.16261	1.16261	0.436337	1.17349	1.17349	2.20779	1.4192	0.571393	1
cg06779123	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.139248	0.900869	1.03755	1.03755	0.00681744	2.82046	2.82046	0.543618	0.833724	-1.19944	0.317024	1.35796	1.35796	0.572348	1.18385	1.18385	0.162715	1.55401	1.55401	0.343998	0.749495	-1.33423	0.44753	0.79533	-1.25734	0.983069	0.993742	-1.0063	2.20778	3.05981	1.23193	1
cg16615211	MIR564;TMEM42	0.139248	0.357517	1.35358	1.35358	0.0382742	2.15591	2.15591	0.843795	0.938832	-1.06515	0.0101831	2.81999	2.81999	0.775519	0.912584	-1.09579	0.376671	1.33677	1.33677	0.535177	0.817972	-1.22254	0.203308	1.53671	1.53671	0.725656	1.11932	1.11932	2.20778	3.57937	1.44111	1
cg07096883	ACTR3C;ACTR3C	0.139253	0.150128	0.344442	-2.90325	0.0317617	5.69223	5.69223	0.107986	3.35904	3.35904	0.347455	1.95106	1.95106	0.0767983	0.256739	-3.89501	0.9921	1.00686	1.00686	0.702245	1.30392	1.30392	0.876336	0.897994	-1.11359	0.688498	0.756976	-1.32105	2.20774	16.6902	6.71988	1
cg08106708	UPK1B	0.139256	0.499659	0.810129	-1.23437	0.528522	0.821833	-1.21679	0.0408321	0.484096	-2.06571	0.698813	1.12691	1.12691	0.0797298	0.550149	-1.81769	0.137365	1.6351	1.6351	0.122636	1.67205	1.67205	0.542725	0.827508	-1.20845	0.244929	0.688141	-1.45319	2.20772	3.30173	1.32937	1
cg13035437	GARS	0.139256	0.394335	0.866202	-1.15446	0.640758	0.925544	-1.08045	0.101387	1.34353	1.34353	0.0632431	0.708973	-1.41049	0.99511	1.00101	1.00101	0.833315	0.965899	-1.0353	0.0346134	0.666576	-1.5002	0.151814	1.28761	1.28761	0.526906	0.899829	-1.11132	2.20771	0.947741	0.381588	1
cg21807253	ANO2	0.139259	0.0169238	1.33168	1.33168	0.27154	1.11912	1.11912	0.487324	0.932967	-1.07185	0.627781	1.04921	1.04921	0.817111	0.977481	-1.02304	0.360527	1.09683	1.09683	0.206543	1.13996	1.13996	0.670109	0.958742	-1.04303	0.0721249	0.820899	-1.21818	2.2077	0.33802	0.136098	1
cg21348752	C10orf114;MIR1915	0.139262	0.8344	1.03298	1.03298	0.140486	1.2786	1.2786	0.181713	1.24574	1.24574	0.224891	0.820716	-1.21845	0.405593	1.14098	1.14098	0.361976	0.864819	-1.15631	0.030647	1.48232	1.48232	0.074009	1.36154	1.36154	0.187289	1.24188	1.24188	2.20768	0.839985	0.338208	1
cg02454536	ITGA11	0.139267	0.946438	0.985689	-1.01452	0.175176	0.733925	-1.36254	0.332771	0.807053	-1.23908	0.986825	1.00355	1.00355	0.118856	0.695448	-1.43792	0.604675	1.11857	1.11857	0.0102034	2.0036	2.0036	0.788258	0.94388	-1.05946	0.800276	0.947062	-1.0559	2.20764	1.60951	0.648056	1
cg18139641	CSRP1;CSRP1	0.13927	0.518352	1.68048	1.68048	0.0744821	4.83205	4.83205	0.541464	1.63231	1.63231	0.120664	3.79737	3.79737	0.277904	2.44602	2.44602	0.0853338	4.51692	4.51692	0.022838	8.66374	8.66374	0.0370084	6.82072	6.82072	0.0887516	4.42957	4.42957	2.20762	21.9718	8.84685	1
cg12410980	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.139273	0.675642	1.2764	1.2764	0.0643227	3.33822	3.33822	0.242673	0.492094	-2.03213	0.355859	0.576502	-1.7346	0.0452085	0.263821	-3.79045	0.834252	1.12921	1.12921	0.0986268	2.85856	2.85856	0.309617	1.84	1.84	0.642946	0.762812	-1.31094	2.20759	11.7594	4.73493	1
cg13564061	SH3PXD2A	0.139274	0.569297	1.20581	1.20581	0.707476	0.884564	-1.1305	0.200223	0.643854	-1.55315	0.862597	1.05798	1.05798	0.224853	1.5141	1.5141	0.301077	1.41716	1.41716	0.0792486	1.88511	1.88511	0.0185111	2.53303	2.53303	0.0989419	1.80155	1.80155	2.20759	3.70185	1.49056	1
cg02920992	ACTR6	0.139275	0.187784	0.425827	-2.34837	0.448957	1.60307	1.60307	0.109154	0.343541	-2.91086	0.397585	0.588743	-1.69853	0.13292	0.370987	-2.69551	0.0604911	0.274001	-3.64962	0.0173695	0.170049	-5.88064	0.796625	1.17111	1.17111	0.26957	0.495007	-2.02017	2.20758	13.0786	5.26615	1
cg10281889	ZDHHC1	0.139276	0.575983	0.915778	-1.09197	0.374436	1.15253	1.15253	0.0489551	1.41917	1.41917	0.405933	1.14156	1.14156	0.158158	0.790619	-1.26483	0.206534	0.81265	-1.23054	0.258414	0.832253	-1.20156	0.0764079	0.735692	-1.35926	0.41166	1.13964	1.13964	2.20757	0.847731	0.341342	1
cg09702181	FLNC;FLNC	0.13928	0.327588	0.859688	-1.16321	0.0391436	0.69969	-1.4292	0.343585	0.86419	-1.15715	0.272536	0.842944	-1.18632	0.117839	0.775638	-1.28926	0.374184	0.872437	-1.14621	0.0376121	1.43452	1.43452	0.824351	0.967291	-1.03382	0.368346	0.870898	-1.14824	2.20754	0.782499	0.315081	1
cg11223544	RACGAP1;RACGAP1;RACGAP1	0.139282	0.0497763	0.484231	-2.06513	0.374326	0.744155	-1.34381	0.668884	1.14961	1.14961	0.0499364	0.484544	-2.0638	0.141192	0.598823	-1.66994	0.150308	0.606732	-1.64818	0.162916	1.62039	1.62039	0.639395	1.16524	1.16524	0.639395	1.16524	1.16524	2.20753	3.67153	1.47839	1
cg12518041	EXTL3	0.139283	0.188863	1.26829	1.26829	0.255968	1.22441	1.22441	0.814905	0.960753	-1.04085	0.00655778	1.82738	1.82738	0.869991	0.972422	-1.02836	0.619664	1.08918	1.08918	0.290883	0.829336	-1.20578	0.692983	0.934496	-1.0701	0.298978	1.20176	1.20176	2.20751	1.01911	0.41036	1
cg11010242	CBX3;CBX3;HNRNPA2B1;HNRNPA2B1	0.139284	0.0408304	1.43019	1.43019	0.103766	1.30946	1.30946	0.267002	1.19156	1.19156	0.481443	1.11455	1.11455	0.0205775	1.52615	1.52615	0.263114	0.837934	-1.19341	0.703048	0.943605	-1.05977	0.997674	1.00044	1.00044	0.578579	1.08876	1.08876	2.20751	0.803059	0.323364	1
cg03973866	ZBTB17	0.139288	0.597197	1.13086	1.13086	0.0213047	1.89304	1.89304	0.794613	1.06201	1.06201	0.390123	0.816217	-1.22516	0.996534	1.001	1.001	0.321547	0.789652	-1.26638	0.162743	1.41006	1.41006	0.0795653	0.638439	-1.56632	0.34224	0.797993	-1.25314	2.20748	1.85916	0.74863	1
cg19757526	ASF1B	0.139288	0.673005	1.08401	1.08401	0.737773	1.06594	1.06594	0.308873	1.22158	1.22158	0.0257891	1.65388	1.65388	0.0181464	1.725	1.725	0.114441	1.38582	1.38582	0.0474437	1.53872	1.53872	0.623929	1.09846	1.09846	0.40369	1.17632	1.17632	2.20748	1.2627	0.508454	1
cg24757514	INTS8	0.13929	0.310852	1.16766	1.16766	0.0106021	0.621816	-1.60819	0.88053	0.978013	-1.02248	0.17112	0.806208	-1.24038	0.259697	0.84046	-1.18982	0.561605	1.09063	1.09063	0.799382	0.963054	-1.03836	0.628948	1.07463	1.07463	0.22253	1.20864	1.20864	2.20746	0.763966	0.307629	1
cg14863643	MMP17	0.13929	0.663796	0.805811	-1.24099	0.438328	1.47735	1.47735	0.583785	1.31407	1.31407	0.85785	1.09254	1.09254	0.00501032	0.159924	-6.25296	0.688879	0.819812	-1.21979	0.260851	0.560512	-1.78408	0.543545	1.35463	1.35463	0.522646	1.37692	1.37692	2.20746	8.51999	3.43078	1
cg24737570	GREB1;GREB1;GREB1	0.139297	0.174291	0.54479	-1.83557	0.0147213	0.283163	-3.53154	0.115191	0.486842	-2.05406	0.954713	1.02415	1.02415	0.0825161	0.445648	-2.24392	0.826359	1.09673	1.09673	0.0837709	0.447422	-2.23502	0.301553	0.637731	-1.56806	0.119223	0.491345	-2.03523	2.20741	6.17491	2.48653	1
cg27655905	C11orf24	0.1393	0.966018	0.993627	-1.00641	0.60851	1.08061	1.08061	0.134757	1.27377	1.27377	0.6932	1.06131	1.06131	0.371432	0.871339	-1.14766	0.834934	1.03181	1.03181	0.00679946	1.69265	1.69265	0.257628	0.837542	-1.19397	0.504828	1.10689	1.10689	2.20739	0.787352	0.317057	1
cg08803571	RPP14;RPP14;RPP14	0.139301	0.543435	1.13401	1.13401	0.949714	0.987186	-1.01298	0.990227	0.997499	-1.00251	0.304707	0.804654	-1.24277	0.0634578	0.652633	-1.53225	0.547815	0.883058	-1.13243	0.0117343	0.525325	-1.90358	0.464234	0.858713	-1.16453	0.0511714	0.63503	-1.57473	2.20738	1.46174	0.588625	1
cg27428051	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.139303	0.639714	1.14544	1.14544	0.860167	0.950481	-1.0521	0.208172	0.682355	-1.46551	0.243449	0.703609	-1.42124	0.540396	0.83651	-1.19544	0.0679093	0.554911	-1.80209	0.0219468	2.20718	2.20718	0.824686	0.938096	-1.06599	0.288377	1.37364	1.37364	2.20737	2.90027	1.16791	1
cg24938296	LDLRAD1	0.139304	0.0584106	0.529282	-1.88935	0.0539389	0.521548	-1.91737	0.452051	0.796173	-1.25601	0.479778	1.23828	1.23828	0.787803	1.08357	1.08357	0.447684	0.79435	-1.25889	0.0217506	0.451443	-2.21512	0.745711	0.907727	-1.10165	0.0803165	0.561476	-1.78102	2.20737	3.09445	1.24611	1
cg00163006	SPNS2	0.139306	0.493721	0.87763	-1.13943	0.0839031	0.698227	-1.4322	0.138502	1.3492	1.3492	0.918884	0.981051	-1.01932	0.339083	0.831058	-1.20329	0.795195	1.05007	1.05007	0.0168468	1.72921	1.72921	0.460515	0.868395	-1.15155	0.968888	1.00735	1.00735	2.20735	1.23305	0.496542	1
cg02304824	CDC14A;CDC14A;CDC14A	0.139309	0.73781	0.925681	-1.08029	0.431013	0.831315	-1.20291	0.919592	0.977057	-1.02348	0.31685	1.26852	1.26852	0.517878	1.16263	1.16263	0.954223	0.986891	-1.01328	0.653854	0.90145	-1.10932	0.0163221	1.96391	1.96391	0.0389757	0.577345	-1.73207	2.20732	1.8471	0.743826	1
cg26535805	MYADM;MYADM;MYADM;MYADM;MYADM	0.13931	0.0288483	0.660174	-1.51475	0.766085	0.953067	-1.04924	0.270366	0.831176	-1.20311	0.319911	0.847382	-1.18011	0.104093	0.751026	-1.33151	0.0778804	0.729289	-1.3712	0.234134	1.22258	1.22258	0.383379	0.86587	-1.15491	0.273796	1.2014	1.2014	2.20732	0.907553	0.365473	1
cg12041387	DLX5	0.139314	0.834208	1.16493	1.16493	0.00856723	11.5042	11.5042	0.469608	1.70891	1.70891	0.806778	1.19541	1.19541	0.240792	2.44605	2.44605	0.814221	0.842437	-1.18703	0.748541	1.26398	1.26398	0.0228884	7.26367	7.26367	0.373999	1.94388	1.94388	2.20729	18.547	7.469	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15820610	KDM4B	0.139316	0.41446	0.888812	-1.1251	0.267771	1.17717	1.17717	0.359462	1.1424	1.1424	0.0387207	0.713024	-1.40248	0.203268	1.20896	1.20896	0.583206	1.08144	1.08144	0.401219	1.12908	1.12908	0.176242	0.816149	-1.22527	0.0910074	1.30089	1.30089	2.20727	0.69792	0.281059	1
cg15826891	LOC399959	0.139317	0.106026	0.59253	-1.68768	0.169715	0.648162	-1.54282	0.963879	0.986664	-1.01352	0.7257	0.900841	-1.11007	0.387141	0.768898	-1.30056	0.921618	0.971244	-1.02961	0.671443	0.881186	-1.13483	0.668579	1.13618	1.13618	0.00467715	0.327992	-3.04886	2.20727	3.07237	1.23727	1
cg25382340	PCNXL2	0.139317	0.020119	0.319106	-3.13376	0.108634	0.49019	-2.04003	0.289519	0.638964	-1.56503	0.23156	0.599758	-1.66734	0.0293045	0.351335	-2.84628	0.1661	0.547901	-1.82515	0.0670841	0.433368	-2.30751	0.163745	0.545817	-1.83212	0.196759	0.573483	-1.74373	2.20726	5.80261	2.33677	1
cg26186954	PSKH2	0.139318	0.0871846	3.37	3.37	0.0672382	3.74091	3.74091	0.192365	2.42932	2.42932	0.229024	2.25247	2.25247	0.0619363	3.86596	3.86596	0.24561	2.18408	2.18408	0.0609949	3.88972	3.88972	0.0290741	5.23177	5.23177	0.0830443	3.43676	3.43676	2.20726	14.4659	5.82558	1
cg19132701	CHMP6	0.139318	0.147234	0.791887	-1.26281	0.171177	1.24432	1.24432	0.883938	0.978324	-1.02216	0.514689	0.905631	-1.1042	0.299819	0.851121	-1.17492	0.0775658	1.34222	1.34222	0.0548903	0.721355	-1.38628	0.931971	0.987273	-1.01289	0.174665	1.24185	1.24185	2.20726	0.786828	0.316865	1
cg24167652	ZNF544	0.139322	0.319479	1.23073	1.23073	0.695497	0.923691	-1.08261	0.597149	1.11363	1.11363	0.946472	1.01364	1.01364	0.095116	0.690682	-1.44784	0.823344	1.04615	1.04615	0.975553	1.0062	1.0062	0.0264515	1.70068	1.70068	0.0329103	1.65448	1.65448	2.20723	1.42353	0.57328	1
cg23143524	PDK3;PDK3	0.139324	0.0467365	0.0394748	-25.3326	0.890438	1.2111	1.2111	0.897052	0.835368	-1.19708	0.230331	5.82152	5.82152	0.130923	9.90857	9.90857	0.034063	0.0295327	-33.8607	0.739033	1.59171	1.59171	0.243847	0.181569	-5.50756	0.880674	0.811601	-1.23213	2.32564	69.6173	23.2826	1
cg25426560	DHX16;DHX16;DHX16;DHX16	0.139324	0.325414	0.917432	-1.09	0.0417198	1.22046	1.22046	0.185833	1.12643	1.12643	0.200203	1.12169	1.12169	0.030353	1.24114	1.24114	0.470806	1.06424	1.06424	0.335508	1.08794	1.08794	0.212551	1.11787	1.11787	0.0615485	1.19569	1.19569	2.20721	0.251777	0.101395	1
cg04515608	PTPRJ;PTPRJ	0.139327	0.151633	0.60701	-1.64742	0.192634	0.638847	-1.56532	0.109007	0.566676	-1.76468	0.317908	0.714997	-1.39861	0.691601	0.878476	-1.13834	0.280437	1.43992	1.43992	0.807634	1.0825	1.0825	0.0745895	1.90686	1.90686	0.0654347	0.510696	-1.95811	2.20719	3.69148	1.48665	1
cg18479082	PTPRN2;PTPRN2;PTPRN2	0.139328	0.683668	1.19802	1.19802	0.236996	1.72702	1.72702	0.650661	0.817868	-1.22269	0.0899932	0.438607	-2.27994	0.310283	0.629379	-1.58887	0.420259	0.695479	-1.43786	0.010119	0.2391	-4.18236	0.791884	0.889915	-1.1237	0.167408	0.522554	-1.91368	2.20719	6.79918	2.7382	1
cg17672035	USP46;USP46	0.139328	0.0347443	0.580953	-1.72131	0.798847	0.945211	-1.05797	0.659559	1.10276	1.10276	0.50272	1.16193	1.16193	0.0669913	0.635684	-1.57311	0.764656	0.935899	-1.06849	0.0255845	0.556962	-1.79545	0.935681	1.01797	1.01797	0.161811	0.719188	-1.39046	2.20718	1.70198	0.685429	1
cg07379601	PIK3CA	0.139329	0.980843	1.00406	1.00406	0.938722	0.987105	-1.01306	0.0353617	1.51227	1.51227	0.857105	0.970034	-1.03089	0.734218	0.944098	-1.05921	0.551106	0.903207	-1.10717	0.158006	1.29019	1.29019	0.836279	0.965673	-1.03555	0.0121928	1.69424	1.69424	2.20718	0.996058	0.401139	1
cg15474140	RASSF7;RASSF7;RASSF7;C11orf35	0.13933	0.399483	1.21639	1.21639	0.0558566	0.611423	-1.63553	0.21901	0.745591	-1.34122	0.151095	1.41822	1.41822	0.939088	0.982793	-1.01751	0.165369	1.39939	1.39939	0.0592856	1.62184	1.62184	0.420329	0.829465	-1.2056	0.85551	0.95945	-1.04226	2.20717	1.8029	0.726079	1
cg24312105	SLC35F3	0.139335	0.0431127	0.0768099	-13.0192	0.667334	1.61103	1.61103	0.0965793	7.47759	7.47759	0.987651	0.983076	-1.01722	0.0382845	0.0708057	-14.1232	0.795758	0.75121	-1.33119	0.286516	0.295051	-3.38924	0.878063	1.1845	1.1845	0.156721	0.188147	-5.31499	2.20713	42.516	17.1226	1
cg00230074	BTBD17	0.139336	0.114609	0.5269	-1.89789	0.0528605	0.439696	-2.2743	0.0230593	0.362489	-2.7587	0.614292	0.82717	-1.20894	0.150265	0.562245	-1.77858	0.074036	0.475494	-2.10308	0.126916	0.539859	-1.85234	0.0578734	0.449034	-2.227	0.478929	0.764315	-1.30836	2.20712	4.87379	1.96285	1
cg07682179	ULK1	0.13934	0.0786106	1.40902	1.40902	0.494887	1.12937	1.12937	0.225074	1.25064	1.25064	0.462827	1.14018	1.14018	0.59527	0.910183	-1.09868	0.127996	0.749136	-1.33487	0.014516	1.69649	1.69649	0.975156	1.00548	1.00548	0.925546	1.01654	1.01654	2.20709	1.07703	0.433764	1
cg03033182	SCOC	0.139341	0.504619	0.730756	-1.36844	0.239265	1.76993	1.76993	0.0113763	0.230436	-4.3396	0.0349754	0.320352	-3.12156	0.306255	0.612175	-1.63352	0.730335	0.851891	-1.17386	0.476924	0.715307	-1.398	0.837435	0.909211	-1.09985	0.407956	0.675619	-1.48012	2.20709	7.50233	3.02151	1
cg10624161	C6orf203;C6orf203;C6orf203	0.139341	0.995536	0.999245	-1.00076	0.0952879	0.780836	-1.28068	0.0789136	0.768469	-1.30129	0.0360532	1.38974	1.38974	0.225847	0.842253	-1.18729	0.524547	0.916635	-1.09095	0.11906	0.795845	-1.25653	0.963442	0.993832	-1.00621	0.422578	0.895323	-1.11692	2.20709	0.636886	0.256501	1
cg10890233	HFM1;HFM1	0.139341	0.983124	0.986452	-1.01373	0.0992455	3.20727	3.20727	0.0424466	4.51311	4.51311	0.542237	0.671766	-1.48861	0.226252	0.440683	-2.2692	0.103622	0.31732	-3.15139	0.268628	2.10232	2.10232	0.944154	1.04622	1.04622	?	?	?	2.22603	13.0335	5.85506	1
cg16206090	C18orf45	0.139345	0.314756	1.46426	1.46426	0.454731	1.32224	1.32224	0.313846	0.682417	-1.46538	0.227985	0.628636	-1.59075	0.0184075	0.350251	-2.85509	0.0934495	1.96762	1.96762	0.366115	0.711331	-1.40582	0.440826	0.749499	-1.33422	0.856907	0.935933	-1.06845	2.20706	4.70383	1.89446	1
cg10443146	UBR3	0.139346	0.0567759	0.316649	-3.15807	0.624272	0.76852	-1.3012	0.264727	0.537967	-1.85885	0.224451	0.506325	-1.97502	0.0254581	0.242613	-4.12179	0.93725	1.04289	1.04289	0.0443242	0.291721	-3.42794	0.953512	1.03158	1.03158	0.0575976	0.318161	-3.14307	2.20705	9.94305	4.00456	1
cg13947469	ZNF727;ZNF727	0.139346	0.9535	0.975067	-1.02557	0.770013	0.880793	-1.13534	0.0628909	0.404125	-2.47448	0.469674	0.727251	-1.37504	0.0361591	0.34822	-2.87175	0.027966	0.324879	-3.07807	0.0794698	0.430476	-2.32301	0.0732925	0.421157	-2.37441	0.575083	0.782523	-1.27792	2.20705	6.55303	2.63923	1
cg26694990	AGPAT1;AGPAT1	0.139353	0.825939	0.908431	-1.1008	0.675365	1.2016	1.2016	0.5324	0.759006	-1.31751	0.350721	0.65783	-1.52015	0.0384077	0.351337	-2.84627	0.164738	0.52399	-1.90843	0.0166329	0.279404	-3.57905	0.314825	1.57337	1.57337	0.672694	1.20355	1.20355	2.207	6.64575	2.67664	1
cg22313497	STUB1	0.139355	0.162163	0.760029	-1.31574	0.066287	1.4604	1.4604	0.763009	0.945917	-1.05717	0.0755767	0.695118	-1.43861	0.0318461	0.629712	-1.58803	0.304835	0.822533	-1.21576	0.65452	1.08634	1.08634	0.966173	1.00783	1.00783	0.865093	0.96922	-1.03176	2.20699	1.18153	0.475875	1
cg17086569	SGSM3	0.139357	0.354835	1.33215	1.33215	0.549349	0.833156	-1.20026	0.906666	1.03597	1.03597	0.670568	0.879043	-1.1376	0.528705	0.825055	-1.21204	0.0250187	0.447807	-2.23311	0.0256758	0.450005	-2.2222	0.401135	0.771876	-1.29554	0.0617007	0.530429	-1.88527	2.20697	3.17317	1.27804	1
cg07527426	CAPN11	0.13936	0.139472	0.800585	-1.24909	0.585874	0.925945	-1.07998	0.482068	1.10509	1.10509	0.201662	0.828145	-1.20752	0.803506	0.965735	-1.03548	0.127578	1.25913	1.25913	0.0242488	1.45594	1.45594	0.291157	0.857963	-1.16555	0.506805	0.910107	-1.09877	2.20695	0.683666	0.275359	1
cg10081980	ACSM1	0.139361	0.586325	1.08477	1.08477	0.149159	0.795269	-1.25744	0.0182897	0.654349	-1.52824	0.616067	1.07774	1.07774	0.763549	0.956306	-1.04569	0.949467	1.00943	1.00943	0.687412	1.06173	1.06173	0.023636	0.670221	-1.49205	0.989015	1.00204	1.00204	2.20694	0.766518	0.30873	1
cg21421984	TRRAP	0.139362	0.700314	1.20813	1.20813	0.0190862	4.00249	4.00249	0.0195022	3.97588	3.97588	0.515573	1.38031	1.38031	0.641194	1.25791	1.25791	0.635035	0.791552	-1.26334	0.545516	1.34863	1.34863	0.0993237	2.41867	2.41867	0.628133	0.78772	-1.26949	2.20693	8.35382	3.36468	1
cg05972308	ARMC5;ARMC5	0.139363	0.890166	1.03747	1.03747	0.0355575	1.91817	1.91817	0.317651	0.759589	-1.3165	0.0764085	0.591703	-1.69004	0.663229	0.889905	-1.12372	0.774227	0.926295	-1.07957	0.13314	0.649656	-1.53928	0.489566	0.829558	-1.20546	0.132765	1.54002	1.54002	2.20693	2.47698	0.997661	1
cg07527105	BANP;BANP	0.139365	0.458661	1.25941	1.25941	0.25298	1.44044	1.44044	0.0236872	2.28305	2.28305	0.120981	1.67192	1.67192	0.886832	1.04449	1.04449	0.520467	0.819461	-1.22031	0.324654	1.36465	1.36465	0.0278872	2.21275	2.21275	0.086893	1.78233	1.78233	2.20691	3.26556	1.31529	1
cg27445106	SNIP1	0.139366	0.443625	1.25089	1.25089	0.128073	1.6024	1.6024	0.118323	1.6258	1.6258	0.555905	1.18617	1.18617	0.5188	1.20619	1.20619	0.113049	0.609989	-1.63937	0.113328	0.610263	-1.63864	0.0999191	0.596475	-1.67652	0.42161	1.26528	1.26528	2.2069	2.87119	1.15645	1
cg00566642	NTRK1;INSRR	0.139367	0.14815	1.39289	1.39289	0.787588	0.943942	-1.05939	0.732247	0.929264	-1.07612	0.0523652	1.6021	1.6021	0.04634	1.62828	1.62828	0.0558065	1.58863	1.58863	0.147436	1.39382	1.39382	0.836923	0.956928	-1.04501	0.43143	0.842377	-1.18712	2.2069	1.59493	0.642401	1
cg27396403	CBLL1;CBLL1	0.139367	0.186538	0.360727	-2.77218	0.590637	0.673399	-1.485	0.411593	0.542618	-1.84292	0.162776	0.337911	-2.95935	0.0170804	0.120385	-8.30668	0.455724	0.575111	-1.7388	0.0170419	0.120259	-8.31536	0.87601	0.892528	-1.12041	0.102912	0.272749	-3.66638	2.20689	18.5326	7.46453	1
cg19971102	HHIPL1;HHIPL1	0.139368	0.0346981	0.254988	-3.92176	0.0312792	0.246001	-4.06502	0.0372945	0.261423	-3.82522	0.242935	0.507523	-1.97036	0.0987548	0.366137	-2.73122	0.228873	0.496148	-2.01553	0.130647	0.404137	-2.47441	0.394151	0.616046	-1.62326	0.132744	0.406436	-2.46041	2.20689	10.7674	4.33689	1
cg15837382	DLGAP3	0.139368	0.0230225	5.26799	5.26799	0.0791015	3.2923	3.2923	0.719574	1.24652	1.24652	0.0384505	4.331	4.331	0.439884	0.617876	-1.61845	0.937922	0.953507	-1.04876	0.819507	1.14992	1.14992	0.88212	0.913301	-1.09493	0.117938	2.82266	2.82266	2.20688	13.0572	5.25918	1
cg23517251	CD82;CD82	0.139369	0.822011	1.03854	1.03854	0.084844	1.37687	1.37687	0.135133	1.31036	1.31036	0.020158	1.60047	1.60047	0.151649	1.29407	1.29407	0.510729	0.894083	-1.11846	0.2205	1.24132	1.24132	0.243335	0.814749	-1.22737	0.659158	1.07734	1.07734	2.20688	0.984379	0.396489	1
cg01523600	TNFRSF10C	0.139371	0.342967	0.564596	-1.77118	0.208416	0.46026	-2.17268	0.0260122	0.21313	-4.69198	0.139327	0.394202	-2.53677	0.0210989	0.197336	-5.06751	0.16083	0.416273	-2.40227	0.152781	0.408206	-2.44974	0.0796276	0.32037	-3.1214	0.14366	0.398788	-2.5076	2.20686	11.9658	4.81964	1
cg08035277	LRP5	0.139372	0.648012	0.836829	-1.19499	0.190516	0.58435	-1.7113	0.357257	1.44331	1.44331	0.0587335	0.437157	-2.28751	0.0670595	0.451355	-2.21555	0.0233161	0.349749	-2.85919	0.104865	0.503144	-1.9875	0.298976	0.658886	-1.51771	0.470222	0.752233	-1.32938	2.20686	5.24978	2.11453	1
cg09536984	C10orf46	0.139373	0.0447044	0.814015	-1.22848	0.0990286	1.17525	1.17525	0.82844	1.01957	1.01957	0.341142	1.09154	1.09154	0.0423686	1.23214	1.23214	0.834903	0.981538	-1.01881	0.329025	0.913977	-1.09412	0.407744	0.927175	-1.07854	0.850073	1.01704	1.01704	2.20685	0.278661	0.112241	1
cg12359279	MX1;MX1	0.139374	0.0195017	0.196948	-5.07749	0.803394	0.866272	-1.15437	0.386575	0.600018	-1.66662	0.0515369	0.279302	-3.58036	0.384718	1.67012	1.67012	0.095616	0.348763	-2.86728	0.459211	1.54298	1.54298	0.223872	0.479322	-2.08628	0.957137	0.969542	-1.03141	2.20684	11.5759	4.66265	1
cg18762647	BPTF;BPTF	0.139375	0.721825	1.10428	1.10428	0.0238542	0.473246	-2.11307	0.511561	1.20289	1.20289	0.500646	1.20886	1.20886	0.778377	0.924699	-1.08143	0.150613	0.652161	-1.53336	0.996219	0.998686	-1.00132	0.0314597	0.496542	-2.01393	0.15879	0.658416	-1.5188	2.20683	2.69082	1.08383	1
cg11326628	PLXDC1	0.139376	0.282473	0.70638	-1.41567	0.0780926	0.543744	-1.8391	0.058499	0.514124	-1.94506	0.936493	1.02511	1.02511	0.0563418	0.510402	-1.95924	0.117059	0.58867	-1.69875	0.204224	0.659015	-1.51742	0.199373	0.655719	-1.52504	0.196946	1.52893	1.52893	2.20683	3.38571	1.36373	1
cg17569842	RGS12;RGS12;RGS12	0.13938	0.440375	1.22944	1.22944	0.898404	1.0341	1.0341	0.412989	1.24571	1.24571	0.0425485	1.84602	1.84602	0.0629724	1.73169	1.73169	0.217436	1.40583	1.40583	0.144563	0.662728	-1.50892	0.450696	0.817303	-1.22354	0.0837987	1.65252	1.65252	2.2068	2.40848	0.970128	1
cg26745764	GLB1L3	0.139383	0.172569	2.1757	2.1757	0.0165342	4.79661	4.79661	0.570365	1.3595	1.3595	0.312066	0.571223	-1.75063	0.865905	0.913475	-1.09472	0.479649	1.4693	1.4693	0.511029	1.42899	1.42899	0.0272633	4.05104	4.05104	0.288792	1.80336	1.80336	2.20678	10.0215	4.03665	1
cg10040015	MCF2L;MCF2L	0.139383	0.395189	0.85867	-1.16459	0.347146	0.84418	-1.18458	0.807727	1.04359	1.04359	0.219021	1.25381	1.25381	0.257367	0.813158	-1.22977	0.143226	1.31688	1.31688	0.0437939	1.50003	1.50003	0.124495	0.747495	-1.3378	0.23085	1.24599	1.24599	2.20678	1.07009	0.431031	1
cg09379146	TIPARP	0.139384	0.555024	1.22592	1.22592	0.00739069	0.308044	-3.24629	0.894386	0.955696	-1.04636	0.908686	1.03992	1.03992	0.19425	0.625915	-1.59766	0.324032	1.41551	1.41551	0.266982	1.48372	1.48372	0.594606	1.20112	1.20112	0.702165	0.877144	-1.14006	2.20677	4.06813	1.63865	1
cg07957806	MPRIP;MPRIP	0.139385	0.471645	1.13168	1.13168	0.140694	1.307	1.307	0.214402	1.24712	1.24712	0.0183136	0.616481	-1.62211	0.13964	0.764485	-1.30807	0.502826	0.891465	-1.12175	0.627639	1.08609	1.08609	0.7688	0.95142	-1.05106	0.384745	0.860223	-1.16249	2.20677	0.997642	0.401852	1
cg24371152	C4orf46;ETFDH	0.139385	0.579867	0.934007	-1.07066	0.0156201	1.4361	1.4361	0.307056	1.13781	1.13781	0.296654	0.87624	-1.14124	0.350396	1.12452	1.12452	0.819643	1.02828	1.02828	0.986368	1.00209	1.00209	0.0603591	0.772123	-1.29513	0.724786	1.0441	1.0441	2.20676	0.521017	0.209867	1
cg11817038	ATP10A	0.139389	0.427276	1.20438	1.20438	0.935895	0.981713	-1.01863	0.521775	0.861593	-1.16064	0.0107894	2.08505	2.08505	0.534282	0.865535	-1.15536	0.402301	0.821472	-1.21733	0.0625661	1.61743	1.61743	0.546822	1.15015	1.15015	0.537319	0.866486	-1.15409	2.20673	1.83973	0.741057	1
cg12502460	WWC2	0.139392	0.367781	0.667156	-1.4989	0.0116275	3.97441	3.97441	0.541759	1.31025	1.31025	0.514073	0.748649	-1.33574	0.662531	1.21181	1.21181	0.173765	0.530939	-1.88346	0.498735	1.35045	1.35045	0.103268	2.18063	2.18063	0.73319	1.16148	1.16148	2.20671	6.68908	2.69444	1
cg13637871	C9orf16	0.139393	0.584288	0.786394	-1.27163	0.0165323	3.57327	3.57327	0.378666	1.48114	1.48114	0.833088	1.09612	1.09612	0.508872	0.747179	-1.33837	0.9034	0.948564	-1.05422	0.0431367	0.363518	-2.75089	0.304434	1.58812	1.58812	0.618859	1.24372	1.24372	2.2067	6.61056	2.66282	1
cg11099375	ERN1	0.139394	0.0809913	0.323355	-3.09257	0.206851	0.459864	-2.17456	0.0951645	0.343027	-2.91522	0.204115	2.18593	2.18593	0.033496	0.234686	-4.26102	0.191053	0.445826	-2.24303	0.95723	1.03179	1.03179	0.597496	1.36469	1.36469	0.233069	0.482089	-2.0743	2.2067	11.9003	4.79362	1
cg18755752	DENND3	0.139396	0.504201	0.828953	-1.20634	0.0662043	0.565337	-1.76886	0.0867437	0.592375	-1.68812	0.900138	0.965849	-1.03536	0.830844	1.061	1.061	0.209997	0.693742	-1.44146	0.0830201	1.70102	1.70102	0.261338	0.723094	-1.38295	0.0585723	0.553541	-1.80655	2.20668	2.67735	1.07848	1
cg22080728	C4orf33;SCLT1	0.1394	0.806905	1.06797	1.06797	0.825902	0.942556	-1.06094	0.00671246	0.389026	-2.57052	0.39554	1.26323	1.26323	0.63646	1.13639	1.13639	0.921072	0.973736	-1.02697	0.0604037	0.566267	-1.76595	0.792081	0.93151	-1.07353	0.646328	0.883311	-1.1321	2.20665	2.52043	1.01529	1
cg26312133	SDK2	0.139401	0.143445	0.442686	-2.25894	0.181327	2.08658	2.08658	0.289855	1.76723	1.76723	0.386194	0.631009	-1.58476	0.401187	0.640579	-1.56109	0.474408	1.45801	1.45801	0.647825	1.26919	1.26919	0.0160685	0.217159	-4.60492	0.378315	0.62593	-1.59762	2.20665	9.38922	3.7822	1
cg06462966	AGAP1;AGAP1	0.139401	0.989908	0.995186	-1.00484	0.0105438	3.41321	3.41321	0.771344	1.1176	1.1176	0.154185	0.558788	-1.78959	0.187148	0.586588	-1.70477	0.556775	0.797112	-1.25453	0.860325	0.935009	-1.06951	0.210399	1.6546	1.6546	0.834813	1.08293	1.08293	2.20665	5.08748	2.04936	1
cg24888814	COPZ1	0.139404	0.256328	0.505495	-1.97826	0.713779	1.23629	1.23629	0.691402	1.25826	1.25826	0.511599	1.46713	1.46713	0.00752182	0.137996	-7.24659	0.375331	0.592211	-1.68859	0.0669987	0.306608	-3.2615	0.963188	0.973776	-1.02693	0.583756	0.727171	-1.37519	2.20662	11.5863	4.66728	1
cg13884115	NR6A1;NR6A1	0.139404	0.363462	0.897355	-1.11439	0.0467608	0.767971	-1.30213	0.673162	1.05043	1.05043	0.0129245	0.69919	-1.43023	0.629947	0.94526	-1.05791	0.246998	0.869035	-1.1507	0.822057	1.02647	1.02647	0.277711	1.13985	1.13985	0.859091	1.02082	1.02082	2.20662	0.469944	0.189307	1
cg17346345	CTNNA2;CTNNA2	0.139405	0.798866	1.0844	1.0844	0.207162	1.52521	1.52521	0.863197	1.05625	1.05625	0.801654	1.08315	1.08315	0.0170968	0.397556	-2.51537	0.175098	1.58033	1.58033	0.397462	1.31646	1.31646	0.0710768	1.89621	1.89621	0.507853	1.23761	1.23761	2.20662	3.5193	1.41768	1
cg01886855	TFF1	0.139405	0.0171742	0.539176	-1.85468	0.212435	0.756263	-1.32229	0.16937	0.732408	-1.36536	0.044103	0.611394	-1.63561	0.717014	0.925493	-1.08051	0.0557745	0.630652	-1.58566	0.766665	0.938662	-1.06535	0.150897	0.720758	-1.38743	0.122848	0.700747	-1.42705	2.20662	1.58136	0.637016	1
cg19868934	MSH5;MSH5;C6orf26;MSH5;MSH5	0.139406	0.0886821	0.409383	-2.4427	0.787159	0.879233	-1.13735	0.534169	0.741248	-1.34908	0.782455	0.876659	-1.14069	0.00762068	0.195593	-5.11265	0.298122	0.598739	-1.67018	0.0360279	0.313555	-3.18923	0.729696	0.847927	-1.17935	0.636355	0.79732	-1.2542	2.20661	7.90426	3.18407	1
cg10876282	ZSCAN16	0.139408	0.879754	1.01406	1.01406	0.831352	1.01987	1.01987	0.145778	1.15495	1.15495	0.502539	1.06478	1.06478	0.712249	1.03476	1.03476	0.390478	0.922042	-1.08455	0.0105773	0.743339	-1.34528	0.11119	0.852097	-1.17358	0.976688	1.0027	1.0027	2.20659	0.297338	0.119777	1
cg24662154	EXT2;EXT2	0.139408	?	?	?	0.179927	2.71739	2.71739	0.246931	2.33924	2.33924	0.641646	1.38957	1.38957	?	?	?	0.953575	1.04171	1.04171	0.0853788	0.263184	-3.79963	0.0392322	0.187383	-5.33665	0.584948	1.47276	1.47276	2.24875	13.6484	6.93639	1
cg15929078	TAPBP;TAPBP;RGL2;RGL2	0.139413	0.250484	5.01992	5.01992	0.0882322	12.5217	12.5217	0.417663	3.04293	3.04293	0.195067	6.30555	6.30555	?	?	?	0.429946	2.95202	2.95202	0.0239436	0.0267935	-37.3225	0.782632	0.689641	-1.45003	0.858106	0.786275	-1.27182	2.22548	56.5584	25.414	1
cg16730908	PSTPIP2	0.139415	0.358093	0.757419	-1.32027	0.522973	1.20965	1.20965	0.200152	1.48865	1.48865	0.105996	1.68044	1.68044	0.0520578	0.522187	-1.91502	0.977397	0.991706	-1.00836	0.317415	0.737983	-1.35505	0.0551283	0.52768	-1.89509	0.717265	1.11284	1.11284	2.20654	3.02049	1.21678	1
cg16397746	RAP2A	0.139415	0.123557	0.428157	-2.33559	0.913487	1.05682	1.05682	0.938094	1.04029	1.04029	0.46133	1.46429	1.46429	0.0294595	0.271457	-3.68382	0.302637	0.580998	-1.72118	0.615217	0.772805	-1.29399	0.078365	2.70307	2.70307	0.12243	0.426885	-2.34255	2.20654	9.0374	3.64065	1
cg04232128	TMEM173	0.139415	0.608701	0.851747	-1.17406	0.376912	0.754436	-1.32549	0.0762073	0.541658	-1.84618	0.0650595	0.525312	-1.90363	0.607634	1.17463	1.17463	0.325383	1.37107	1.37107	0.0397353	2.09376	2.09376	0.661811	1.14659	1.14659	0.460234	0.791633	-1.26321	2.20654	3.37526	1.3597	1
cg16907496	CNTN4;CNTN4	0.139416	0.21952	1.42116	1.42116	0.39357	0.788282	-1.26858	0.759555	1.08716	1.08716	0.368879	1.28561	1.28561	0.131629	1.55744	1.55744	0.0941348	1.65037	1.65037	0.0195567	2.15561	2.15561	0.0553513	1.80622	1.80622	0.170004	1.48863	1.48863	2.20653	2.58964	1.04322	1
cg03501387	SNAI1	0.139417	0.175089	0.43993	-2.27309	0.195752	0.458851	-2.17935	0.164713	0.429995	-2.32561	0.746667	0.831477	-1.20268	0.0239795	0.215806	-4.63379	0.903893	0.933533	-1.0712	0.0133059	0.174409	-5.73364	0.586014	0.731158	-1.36769	0.152034	0.417396	-2.39581	2.20653	11.3296	4.56409	1
cg02227002	SCNN1B	0.139418	0.196708	0.788521	-1.2682	0.303924	0.83082	-1.20363	0.3104	0.833013	-1.20046	0.286133	1.21267	1.21267	0.698742	0.934544	-1.07004	0.514334	1.122	1.122	0.0148566	1.68468	1.68468	0.198889	0.789533	-1.26657	0.769309	0.950096	-1.05253	2.20652	1.05889	0.426572	1
cg14655732	SMARCAL1;SMARCAL1;SMARCAL1	0.13942	0.107606	0.733712	-1.36293	0.638377	0.919918	-1.08705	0.131468	1.33259	1.33259	0.248165	1.23723	1.23723	0.175917	0.775885	-1.28885	0.855641	0.968398	-1.03263	0.251315	1.23533	1.23533	0.0365589	1.53482	1.53482	0.463341	1.14068	1.14068	2.2065	1.08659	0.437732	1
cg11696475	GNG4;GNG4;GNG4;GNG4	0.139422	0.0634208	0.174267	-5.73832	0.769842	0.782256	-1.27835	0.635125	1.49201	1.49201	0.992544	0.99221	-1.00785	0.37482	0.466519	-2.14354	0.237132	0.354622	-2.81991	0.0595515	5.92947	5.92947	0.191706	0.314466	-3.17999	0.0919744	4.72436	4.72436	2.20649	24.4841	9.86346	1
cg25791973	MYADM;MYADM;MYADM;MYADM;MYADM;MYADM;MYADM	0.139422	0.874362	1.1088	1.1088	0.442717	0.599996	-1.66668	0.160103	0.375478	-2.66327	0.533596	0.662647	-1.5091	0.0363191	0.204251	-4.89594	0.00833762	0.110746	-9.0297	0.154374	0.369704	-2.70487	0.855115	0.887543	-1.12671	0.720942	0.791282	-1.26377	2.20649	14.8866	5.99709	1
cg01028223	C7orf20	0.139423	0.755315	0.938541	-1.06548	0.0373848	1.63254	1.63254	0.100056	1.44141	1.44141	0.138796	1.38169	1.38169	0.463243	1.16357	1.16357	0.293044	1.24772	1.24772	0.0236789	1.72982	1.72982	0.0859875	1.46955	1.46955	0.824728	0.955993	-1.04603	2.20648	1.43862	0.579554	1
cg26955290	ASGR2;ASGR2;ASGR2;ASGR2	0.139426	0.0396499	0.173515	-5.76319	0.919785	1.07698	1.07698	0.631943	0.700975	-1.42659	0.149248	0.320291	-3.12216	0.0649712	0.217487	-4.59798	0.250107	0.412793	-2.42252	0.0296731	0.151922	-6.58234	0.0751205	0.232466	-4.3017	0.11733	0.285845	-3.49839	2.20646	18.9399	7.63006	1
cg26530706	DTNA;DTNA;DTNA;DTNA	0.139426	0.143142	1.61544	1.61544	0.949952	0.98105	-1.01932	0.0177376	2.40811	2.40811	0.639013	1.15489	1.15489	0.0917687	0.567886	-1.76092	0.385238	1.3117	1.3117	0.399872	0.768997	-1.3004	0.618589	0.85815	-1.1653	0.27533	1.41327	1.41327	2.20646	3.24642	1.30785	1
cg02115850	CDT1	0.139427	0.593803	1.50609	1.50609	0.0689857	4.82266	4.82266	0.990112	0.990631	-1.00946	0.602913	1.49068	1.49068	0.0233985	0.120436	-8.30319	0.963679	1.0352	1.0352	?	?	?	?	?	?	0.289196	2.31762	2.31762	2.3644	16.4534	6.95881	1
cg01305328	SLK	0.13943	0.0369376	1.79824	1.79824	0.112612	0.658194	-1.51931	0.153488	0.690662	-1.44789	0.215292	1.37143	1.37143	0.475928	0.839	-1.19189	0.111243	0.656957	-1.52217	0.98044	0.994081	-1.00595	0.868453	1.04096	1.04096	0.52517	1.16874	1.16874	2.20643	2.04932	0.825594	1
cg00839873	ASB2	0.139433	0.425605	0.749685	-1.33389	0.0380033	0.426645	-2.34387	0.0472232	0.447526	-2.2345	0.102241	0.530853	-1.88376	0.0526412	0.458342	-2.18178	0.805464	1.09131	1.09131	0.778176	1.10518	1.10518	0.236135	0.644293	-1.55209	0.0874873	0.512728	-1.95035	2.20641	4.38182	1.76529	1
cg01513516	TMEM163	0.139436	0.461066	0.785997	-1.27227	0.689076	0.878918	-1.13776	0.300372	0.708661	-1.41111	0.0307925	0.443099	-2.25683	0.0952915	1.80061	1.80061	0.648978	0.863245	-1.15842	0.0705605	1.91267	1.91267	0.790354	1.08926	1.08926	0.332446	0.725534	-1.37829	2.20639	3.5984	1.44969	1
cg20134357	CSMD3;CSMD3;CSMD3	0.139436	0.217637	1.34692	1.34692	0.0252816	1.84185	1.84185	0.316473	1.26847	1.26847	0.703048	0.915808	-1.09193	0.586761	1.13431	1.13431	0.531244	0.864475	-1.15677	0.0397927	1.72598	1.72598	0.169108	0.714335	-1.3999	0.931854	1.01983	1.01983	2.20638	1.84254	0.742307	1
cg19951766	WDR27	0.139438	0.733078	1.11721	1.11721	0.287245	1.43013	1.43013	0.593476	0.839917	-1.19059	0.298713	0.705571	-1.41729	0.0736016	0.524245	-1.9075	0.2943	0.70315	-1.42217	0.025012	0.421737	-2.37115	0.169373	1.60641	1.60641	0.267904	0.688213	-1.45304	2.20637	3.66321	1.47581	1
cg11005027	GLB1L2	0.139438	0.037674	0.059191	-16.8945	0.0909608	0.112661	-8.87615	0.281905	0.269481	-3.71084	0.731448	1.49775	1.49775	0.064933	0.0880027	-11.3633	0.14177	0.156859	-6.37516	0.0229272	0.0411347	-24.3104	0.673585	0.608479	-1.64344	0.574478	0.514166	-1.9449	2.20637	48.0468	19.3568	1
cg14216672	PRDM16;PRDM16	0.13944	0.169224	2.16306	2.16306	0.394278	0.631498	-1.58354	0.627361	0.772822	-1.29396	0.797343	1.14518	1.14518	0.0369755	0.279101	-3.58293	0.186009	2.09312	2.09312	0.214984	1.98896	1.98896	0.107805	2.52044	2.52044	0.318443	0.580885	-1.72151	2.20635	9.69742	3.90687	1
cg05779786	AGAP1;AGAP1	0.13944	0.13005	0.459423	-2.17664	0.118849	2.23707	2.23707	0.161535	2.03616	2.03616	0.319105	1.63187	1.63187	0.151039	0.481006	-2.07898	0.932939	0.960761	-1.04084	0.440873	0.688096	-1.45328	0.0457526	2.97212	2.97212	0.893896	0.938503	-1.06553	2.20635	7.90502	3.18475	1
cg06204730	ANKRD40	0.139443	0.204386	1.38719	1.38719	0.0587809	1.68475	1.68475	0.0499024	1.72715	1.72715	0.163472	0.69529	-1.43825	0.911861	0.973305	-1.02743	0.401843	1.23327	1.23327	0.577193	0.871424	-1.14755	0.216434	1.37417	1.37417	0.0823026	1.60054	1.60054	2.20633	2.08665	0.84067	1
cg15538418	H3F3B	0.139446	0.00908213	0.491124	-2.03615	0.606944	0.894672	-1.11773	0.21146	1.32624	1.32624	0.532557	0.873206	-1.14521	0.335961	1.23714	1.23714	0.238414	1.30324	1.30324	0.437349	0.843722	-1.18522	0.860443	1.03847	1.03847	0.482167	0.857946	-1.16558	2.20631	1.6075	0.647636	1
cg24484103	VRK3;ZNF473;ZNF473;VRK3	0.139452	0.109834	1.39114	1.39114	0.0442127	1.54928	1.54928	0.0771811	1.45086	1.45086	0.03495	1.59276	1.59276	0.468111	0.869512	-1.15007	0.177494	1.31185	1.31185	0.655103	0.918371	-1.08888	0.903169	0.977212	-1.02332	0.4808	1.14538	1.14538	2.20627	1.25347	0.505014	1
cg25029197	KRT7	0.139452	0.0595126	0.197108	-5.07335	0.552487	0.632001	-1.58228	0.915736	0.922366	-1.08417	0.616252	0.679888	-1.47083	0.0149905	0.101925	-9.81116	0.565205	0.641509	-1.55883	0.213286	0.367607	-2.72029	0.023279	0.12612	-7.92897	0.243163	0.393557	-2.54093	2.20626	20.3722	8.20784	1
cg15909132	FAM171A2	0.139453	0.181492	2.60922	2.60922	0.781161	0.828369	-1.20719	0.724673	1.27011	1.27011	0.32149	1.99874	1.99874	0.142448	2.90385	2.90385	0.280913	0.468712	-2.13351	0.0209761	6.53903	6.53903	0.0352091	5.25162	5.25162	0.558416	1.49203	1.49203	2.20626	15.9738	6.43576	1
cg17524250	C5orf24;C5orf24	0.139453	0.540429	0.834735	-1.19799	0.773182	1.08788	1.08788	0.411978	1.27699	1.27699	0.23801	0.697488	-1.43372	0.0147384	0.416917	-2.39856	0.980807	1.00704	1.00704	0.0551393	1.88469	1.88469	0.835865	1.06234	1.06234	0.564342	1.18513	1.18513	2.20626	2.9687	1.19607	1
cg19732653	KIF26B	0.139453	0.999415	0.999863	-1.00014	0.35696	0.837497	-1.19403	0.297599	1.22399	1.22399	0.597007	1.10503	1.10503	0.753964	0.942847	-1.06062	0.0409392	0.643006	-1.5552	0.0988548	1.40316	1.40316	0.109217	1.3867	1.3867	0.145	0.74604	-1.34041	2.20626	1.22426	0.493247	1
cg09667394	AK5;AK5	0.139457	0.128757	2.85083	2.85083	0.0221399	5.75774	5.75774	0.0494897	4.18008	4.18008	0.785798	1.18986	1.18986	0.583404	1.42394	1.42394	0.379802	1.77699	1.77699	0.271588	2.07578	2.07578	0.0195007	6.05973	6.05973	0.47551	1.58888	1.58888	2.20623	14.2287	5.73275	1
cg00295339	BANP;BANP	0.139457	0.466494	0.797278	-1.25427	0.098746	1.73926	1.73926	0.0285535	2.20317	2.20317	0.944295	1.02159	1.02159	0.319487	0.730136	-1.36961	0.597332	0.849609	-1.17701	0.0335535	2.13639	2.13639	0.945648	0.979372	-1.02106	0.80728	1.07758	1.07758	2.20623	3.26599	1.31587	1
cg00669623	CDK11B;CDK11B;CDK11A;CDK11B;CDK11A;CDK11B;CDK11B;CDK11B	0.139458	0.629183	0.936861	-1.06739	0.0770511	0.76834	-1.30151	0.241468	0.848446	-1.17863	0.16626	0.820481	-1.2188	0.660996	1.06094	1.06094	0.22616	0.843367	-1.18572	0.0127677	0.660552	-1.51389	0.355418	1.1359	1.1359	0.748091	1.04414	1.04414	2.20622	0.627803	0.252942	1
cg11993399	ADARB2	0.139462	0.0269412	0.634337	-1.57645	0.085085	0.718373	-1.39203	0.301035	0.830135	-1.20462	0.0594378	0.690984	-1.44721	0.930288	0.984914	-1.01532	0.903206	0.979085	-1.02136	0.142562	1.31499	1.31499	0.925745	1.01633	1.01633	0.769113	1.05247	1.05247	2.20619	1.0546	0.424903	1
cg14749590	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	0.139464	0.0998247	0.313636	-3.18841	0.948884	0.959617	-1.04208	0.527982	0.662921	-1.50848	0.120272	0.338397	-2.95511	0.0414315	0.220451	-4.53616	0.0255817	0.181702	-5.50352	0.0385014	0.214084	-4.67107	0.326924	0.52168	-1.91688	0.217625	0.434349	-2.3023	2.20618	14.4439	5.81958	1
cg03289602	ZNF627;ZNF627	0.139467	0.736642	0.959549	-1.04216	0.463116	0.912685	-1.09567	0.308296	0.878974	-1.13769	0.117763	0.812363	-1.23098	0.00467597	0.631265	-1.58412	0.632107	0.942699	-1.06078	0.278461	0.87122	-1.14782	0.461266	1.0961	1.0961	0.404682	0.900952	-1.10994	2.20616	0.522901	0.210683	1
cg06341749	PCOLCE2	0.139467	0.562677	0.858878	-1.16431	0.0593501	0.569514	-1.75588	0.345207	0.77614	-1.28843	0.891557	0.965219	-1.03603	0.393456	1.25568	1.25568	0.0560191	0.563955	-1.77319	0.538197	1.1759	1.1759	0.0444734	1.84426	1.84426	0.838712	0.948478	-1.05432	2.32445	2.42682	0.812032	1
cg17868924	SHF	0.139467	0.759154	1.0832	1.0832	0.00423911	2.70441	2.70441	0.896974	0.966892	-1.03424	0.600145	1.14736	1.14736	0.0845366	1.64193	1.64193	0.893121	1.03555	1.03555	0.717669	0.909945	-1.09897	0.848977	0.951661	-1.05079	0.901956	1.03255	1.03255	2.20615	2.36012	0.950924	1
cg08332990	IDUA	0.13947	0.136122	3.20765	3.20765	0.807258	0.837451	-1.1941	0.549493	1.55195	1.55195	0.258812	2.35148	2.35148	0.0681313	0.227065	-4.40403	0.119705	3.4051	3.4051	0.615098	1.44476	1.44476	0.0278933	6.5911	6.5911	0.330762	2.07162	2.07162	2.20614	18.4037	7.41518	1
cg07316943	C10orf110;C10orf110;C10orf110;C10orf110;IDI2	0.139471	0.100095	0.320863	-3.11659	0.773912	1.19927	1.19927	0.778171	1.19504	1.19504	0.260371	0.476796	-2.09733	0.0623904	0.266243	-3.75596	0.0533631	0.250418	-3.99332	0.0171008	0.159802	-6.25776	0.529953	0.669364	-1.49396	0.36729	0.557493	-1.79375	2.20612	13.9078	5.60373	1
cg12504957	MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2	0.139474	0.232672	1.24908	1.24908	0.95232	0.98943	-1.01068	0.0401206	1.52423	1.52423	0.259437	1.23253	1.23253	0.797795	1.04668	1.04668	0.304543	1.20799	1.20799	0.0313054	0.638308	-1.56664	0.587102	1.10235	1.10235	0.181783	1.28645	1.28645	2.20611	1.10343	0.444598	1
cg03947735	COL4A2	0.139474	0.707556	0.876485	-1.14092	0.492682	1.27602	1.27602	0.490373	0.782633	-1.27774	0.207562	0.628192	-1.59187	0.00543201	0.278104	-3.59578	0.554016	0.811066	-1.23294	0.567836	1.22383	1.22383	0.407916	0.74369	-1.34465	0.140873	0.574598	-1.74035	2.2061	4.27603	1.72291	1
cg13631094	ROR2	0.139477	0.396464	0.66651	-1.50035	0.00949843	0.215416	-4.64218	0.053925	0.359756	-2.77966	0.755848	0.864394	-1.15688	0.0405079	0.331099	-3.02025	0.514663	0.734392	-1.36167	0.641891	0.803467	-1.24461	0.892674	0.938877	-1.0651	0.96779	0.981311	-1.01904	2.20608	7.62691	3.07309	1
cg23503176	FLJ41350	0.139478	0.306478	1.27305	1.27305	0.692801	0.91344	-1.09476	0.62271	1.11972	1.11972	0.242916	0.756815	-1.32133	0.875865	0.964982	-1.03629	0.17357	0.718819	-1.39117	0.049751	1.66586	1.66586	0.0240127	1.84756	1.84756	0.746053	1.07691	1.07691	2.20607	1.81658	0.731952	1
cg19488906	AGPAT4	0.139482	0.110353	0.765401	-1.3065	0.194277	1.23491	1.23491	0.572864	1.09149	1.09149	0.101178	0.758967	-1.31758	0.275733	0.840113	-1.19032	0.65238	1.07216	1.07216	0.299414	0.847686	-1.17968	0.0797098	1.34826	1.34826	0.19313	1.23566	1.23566	2.20604	0.824862	0.332365	1
cg19323059	LOC285954;LOC285954	0.139483	0.154439	0.538045	-1.85858	0.937047	0.96839	-1.03264	0.255568	0.617162	-1.62032	0.884718	0.942713	-1.06077	0.0583446	0.419015	-2.38655	0.204349	0.580049	-1.72399	0.0143398	0.292992	-3.41306	0.0589656	0.420138	-2.38017	0.129923	0.514172	-1.94487	2.20604	5.77686	2.3277	1
cg20281912	JRK;JRK	0.139483	0.0391094	0.520087	-1.92276	0.478832	0.82108	-1.21791	0.0201299	0.464143	-2.15451	0.475505	1.21979	1.21979	0.108887	0.619555	-1.61406	0.601415	0.865618	-1.15524	0.0849817	0.593619	-1.68458	0.266151	0.728149	-1.37335	0.228614	0.707533	-1.41336	2.20604	2.61942	1.05545	1
cg18919915	MAST4;MAST4	0.139491	0.601497	0.853865	-1.17114	0.00547459	0.334472	-2.98978	0.152425	0.631558	-1.58339	0.986352	0.994885	-1.00514	0.96934	1.01159	1.01159	0.778612	1.08817	1.08817	0.236397	1.45059	1.45059	0.810204	1.0748	1.0748	0.988433	0.995663	-1.00436	2.20598	3.14053	1.26547	1
cg04331647	MAGEB1;MAGEB1;MAGEB1	0.139492	0.149718	2.33508	2.33508	0.345878	0.586822	-1.70409	0.158878	0.43743	-2.28608	0.0298123	0.245647	-4.07088	0.0985025	0.369771	-2.70438	0.470788	1.49607	1.49607	0.580966	1.35815	1.35815	0.611811	0.755019	-1.32447	0.157774	0.43634	-2.29179	2.20597	10.5337	4.2445	1
cg26468430	MAFK	0.139492	0.0879908	0.276692	-3.61413	0.080072	0.265758	-3.76283	0.0113879	0.115145	-8.68469	0.343296	0.51365	-1.94685	0.179663	0.378132	-2.64458	0.586206	0.687235	-1.45511	0.0499253	0.217439	-4.59898	0.895982	0.914608	-1.09336	0.356822	0.523768	-1.90924	2.20597	16.2693	6.55565	1
cg05357320	ZNF317	0.139492	0.806318	0.943604	-1.05977	0.165388	0.704939	-1.41856	0.173181	0.709992	-1.40847	0.056602	0.600514	-1.66524	0.942379	1.01723	1.01723	0.156292	1.431	1.431	0.0205324	0.517116	-1.9338	0.322907	0.785617	-1.27288	0.678247	0.906118	-1.10361	2.20597	1.95103	0.78616	1
cg02353723	C16orf35;C16orf35	0.139496	0.71913	1.16882	1.16882	0.377821	1.47828	1.47828	0.958788	0.977925	-1.02257	0.0381251	2.82419	2.82419	0.216335	0.570067	-1.75418	0.61057	0.801031	-1.24839	0.312142	1.57091	1.57091	0.01477	3.65442	3.65442	0.629578	1.2336	1.2336	2.20594	6.51907	2.62687	1
cg17707274	MMP7	0.139496	0.116141	0.379305	-2.6364	0.172471	0.438506	-2.28047	0.0256734	0.222106	-4.50236	0.275718	0.525321	-1.9036	0.0607886	0.301193	-3.32013	0.495725	0.675229	-1.48098	0.0657129	0.309595	-3.23003	0.548176	0.708237	-1.41196	0.032777	0.242212	-4.12861	2.20594	11.2608	4.53757	1
cg25498541	RPUSD3;RPUSD3	0.139498	0.137082	0.666067	-1.50135	0.55444	0.859224	-1.16384	0.599862	1.14376	1.14376	0.360628	1.26931	1.26931	0.011061	0.445494	-2.2447	0.477075	0.832396	-1.20135	0.157718	0.681596	-1.46714	0.109027	0.641804	-1.55811	0.297921	0.760483	-1.31495	2.20593	2.24955	0.906466	1
cg13714986	ZNF609	0.139501	0.598988	1.11784	1.11784	0.223183	1.30827	1.30827	0.0469995	0.620457	-1.61171	0.938619	1.0163	1.0163	0.224679	0.765097	-1.30702	0.0262279	0.57489	-1.73946	0.712581	0.925259	-1.08078	0.679535	0.916486	-1.09112	0.0902248	0.675716	-1.47991	2.2059	1.53984	0.620492	1
cg16172814	OGDHL;OGDHL;OGDHL	0.139501	0.552781	0.903842	-1.10639	0.562268	1.10367	1.10367	0.0191789	1.61142	1.61142	0.850494	0.96873	-1.03228	0.644796	1.08129	1.08129	0.29757	0.833761	-1.19938	0.0767529	0.717915	-1.39292	0.225419	1.23905	1.23905	0.242318	1.22878	1.22878	2.2059	0.990304	0.399052	1
cg09615821	VAC14	0.139505	0.369995	0.470889	-2.12364	0.371186	2.11946	2.11946	0.508166	1.73179	1.73179	0.783765	0.798493	-1.25236	0.136536	0.269233	-3.71425	0.216144	0.344793	-2.90029	0.0120435	0.0771784	-12.957	0.100629	0.229653	-4.3544	0.258485	0.38117	-2.6235	2.20587	23.38	9.4213	1
cg09476228	FAM133B;FAM133B	0.139505	0.55629	0.887326	-1.12698	0.686534	0.921732	-1.08491	0.52802	0.879471	-1.13705	0.0502894	1.56561	1.56561	0.218279	1.29712	1.29712	0.689617	0.922521	-1.08399	0.0122196	1.87229	1.87229	0.700439	0.92528	-1.08075	0.840034	0.960213	-1.04144	2.20587	1.40986	0.568123	1
cg19340296	EFHC1	0.139506	0.598281	0.771865	-1.29556	0.120174	0.439977	-2.27284	0.0578522	0.351894	-2.84177	0.754941	0.858563	-1.16474	0.166859	0.487832	-2.04989	0.297618	0.591039	-1.69194	0.0290989	0.285769	-3.49932	0.127989	2.22871	2.22871	0.998541	0.99911	-1.00089	2.20586	8.28685	3.33932	1
cg07629401	RAB1B	0.13951	0.476918	0.904235	-1.10591	0.206992	1.2035	1.2035	0.23773	1.18786	1.18786	0.92341	1.01347	1.01347	0.340931	1.14637	1.14637	0.396299	1.12852	1.12852	0.0221223	0.682559	-1.46508	0.783056	1.03917	1.03917	0.0656419	1.33317	1.33317	2.20584	0.67686	0.272755	1
cg19600871	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA1;PCDHA2;PCDHA6;PCDHA1;PCDHA9;	0.139511	0.150334	0.389296	-2.56874	0.849853	1.12295	1.12295	0.217986	2.2099	2.2099	0.47716	0.642571	-1.55625	0.0271589	0.201878	-4.95348	0.106457	0.340057	-2.94068	0.137222	2.66315	2.66315	0.378735	0.575462	-1.73774	0.895239	0.922551	-1.08395	2.20583	13.0803	5.27101	1
cg18247054	RNASET2;RNASET2	0.139512	0.386381	0.544331	-1.83712	0.485538	1.62377	1.62377	0.434558	1.72586	1.72586	0.554021	0.664207	-1.50556	?	?	?	0.0142626	0.118477	-8.44048	?	?	?	0.230212	2.37574	2.37574	0.695127	1.30861	1.30861	2.36366	13.2714	5.61477	1
cg25793628	ABCA5;ABCA5	0.139512	0.772938	1.04933	1.04933	0.0496009	0.688776	-1.45185	0.155066	0.776259	-1.28823	0.539311	1.10898	1.10898	0.098108	1.35255	1.35255	0.87268	1.02705	1.02705	0.0606562	1.42196	1.42196	0.320736	0.843023	-1.18621	0.691901	1.06854	1.06854	2.20582	0.967821	0.390006	1
cg20907109	PABPC5	0.139512	0.150544	0.360697	-2.77241	0.130624	0.339491	-2.94559	0.423655	0.582293	-1.71735	0.5465	0.667747	-1.49757	0.0702529	0.262063	-3.81587	0.104561	0.309102	-3.23518	0.0615618	0.248186	-4.02923	0.0114316	0.123122	-8.12201	0.45425	0.603833	-1.65609	2.20582	15.2995	6.16531	1
cg25440958	PODNL1;DCAF15;PODNL1	0.139515	?	?	?	0.392979	0.445739	-2.24347	0.137084	4.5104	4.5104	?	?	?	?	?	?	0.452891	0.494275	-2.02317	0.0862156	6.05183	6.05183	?	?	?	0.0911246	5.84303	5.84303	2.58486	18.1502	8.42609	1
cg01650726	IGFBP1	0.139515	0.396687	1.29128	1.29128	0.460543	1.24769	1.24769	0.0702935	0.551047	-1.81473	0.274044	0.715165	-1.39828	0.25476	0.704518	-1.41941	0.61623	1.16049	1.16049	0.0249605	0.455754	-2.19416	0.982292	1.00656	1.00656	0.186608	1.51039	1.51039	2.2058	3.03079	1.22134	1
cg24292016	CABP1;CABP1;CABP1	0.139518	0.0545213	0.538646	-1.85651	0.0157773	0.432151	-2.314	0.0581072	0.544726	-1.83579	0.721679	0.903525	-1.10678	0.442262	0.800736	-1.24885	0.13273	0.631214	-1.58425	0.100935	0.600769	-1.66453	0.122076	0.621694	-1.60851	0.538503	0.838083	-1.1932	2.20578	2.81047	1.13257	1
cg23175428	FSTL4	0.139522	0.0602598	0.499428	-2.00229	0.356262	0.732803	-1.36462	0.0807931	0.530253	-1.88589	0.495781	0.797243	-1.25432	0.576749	0.831321	-1.20291	0.921057	0.968045	-1.03301	0.160482	1.63429	1.63429	0.99581	1.00172	1.00172	0.0202014	0.399435	-2.50353	2.20575	3.74992	1.51117	1
cg13473196	CKAP5;CKAP5	0.139522	0.63517	0.888612	-1.12535	0.0121734	2.16405	2.16405	0.539564	1.16586	1.16586	0.649597	1.11964	1.11964	0.857988	0.95671	-1.04525	0.246118	0.741041	-1.34945	0.796414	0.938118	-1.06596	0.0393777	1.80198	1.80198	0.54411	1.16381	1.16381	2.20575	2.13266	0.859436	1
cg06631531	STK32B	0.139523	0.030053	0.233971	-4.27404	0.0256705	0.221201	-4.52078	0.0764851	0.325705	-3.07026	0.857179	1.10799	1.10799	0.135965	0.400666	-2.49584	0.452008	0.646505	-1.54678	0.94432	0.961019	-1.04056	0.719967	0.814705	-1.22744	0.084586	0.337595	-2.96213	2.20574	11.3204	4.56199	1
cg13412498	RECK	0.139524	0.0642371	0.717959	-1.39284	0.98504	1.00299	1.00299	0.801277	1.04101	1.04101	0.0715167	1.37808	1.37808	0.786685	0.957698	-1.04417	0.40601	1.14506	1.14506	0.022954	1.54266	1.54266	0.295994	1.18848	1.18848	0.464842	1.12585	1.12585	2.20574	0.887032	0.357465	1
cg00065408	CACNB3	0.139529	0.708904	0.951673	-1.05078	0.67158	1.05795	1.05795	0.275752	1.16155	1.16155	0.488381	1.09744	1.09744	0.413909	1.11664	1.11664	0.676953	1.0569	1.0569	0.0242507	0.70133	-1.42586	0.461158	1.10417	1.10417	0.0271275	1.41269	1.41269	2.2057	0.60946	0.24561	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg22631555	ARMC3	0.13953	0.588794	0.852065	-1.17362	0.349169	1.32671	1.32671	0.0144006	0.412809	-2.42243	0.664344	0.879797	-1.13663	0.206618	1.47804	1.47804
cg04897713	DEFB136	0.139532	0.10455	0.534766	-1.86998	0.0684525	0.48694	-2.05364	0.0231114	0.383565	-2.60712	0.666618	0.858216	-1.16521	0.0593952	0.472003	-2.11863
cg06269919	LRP1	0.139532	0.630097	1.29227	1.29227	0.00541236	6.91902	6.91902	0.38653	1.59844	1.59844	0.839189	1.11334	1.11334	0.367232	0.612979	-1.63138
cg13749939	SLC25A22	0.139534	0.0835472	0.531897	-1.88006	0.0348384	0.444552	-2.24945	0.690652	0.876473	-1.14094	0.207296	0.645125	-1.55009	0.553701	0.820815	-1.2183
cg00278131	RNASEH2B;RNASEH2B	0.139535	0.0107456	1.95313	1.95313	0.330378	1.2334	1.2334	0.460541	1.16989	1.16989	0.968973	0.99191	-1.00816	0.961248	1.0102	1.0102
cg26627898	NUBP2;SPSB3	0.139536	0.642624	0.936634	-1.06765	0.627528	1.0709	1.0709	0.811222	1.03409	1.03409	0.818092	0.968242	-1.0328	0.0815033	0.763011	-1.3106
cg07268319	FAM195B;FAM195B	0.139537	0.118363	2.8145	2.8145	0.567166	0.705316	-1.4178	0.138721	2.64168	2.64168	0.199981	2.2768	2.2768	?	?	?
cg12547166	ZNF876P	0.139537	0.0470371	5.15277	5.15277	0.69466	0.752344	-1.32918	0.340377	2.03142	2.03142	0.690864	0.749514	-1.3342	0.458658	1.72339	1.72339
cg19987219	KNCN	0.139539	0.0283024	0.236035	-4.23667	0.28479	0.538188	-1.85809	0.069167	0.321801	-3.10751	0.329118	0.570281	-1.75352	0.011476	0.171439	-5.83298
cg12183124	XPO5	0.13954	0.680714	1.07884	1.07884	0.280952	0.814217	-1.22817	0.198218	0.779272	-1.28325	0.537313	1.12138	1.12138	0.791347	1.04983	1.04983
cg13107975	GFI1;GFI1;GFI1	0.139545	0.167643	0.735686	-1.35928	0.87268	1.03404	1.03404	0.912886	1.0231	1.0231	0.191605	0.749362	-1.33447	0.147955	1.38257	1.38257
cg07651687	TRIM26	0.139546	0.331193	0.829935	-1.20491	0.819885	1.04331	1.04331	0.068876	0.684865	-1.46014	0.336522	0.831739	-1.2023	0.842825	1.0376	1.0376
cg19681897	SLC35F3	0.139548	0.565278	0.643581	-1.55381	0.0365452	6.31031	6.31031	0.0224699	7.94663	7.94663	0.954779	0.957917	-1.04393	0.101817	0.257214	-3.88781
cg06907626	NPC1L1;NPC1L1	0.139549	0.627877	0.8957	-1.11645	0.996416	0.998988	-1.00101	0.0166474	0.5172	-1.93349	0.474884	1.17806	1.17806	0.906589	0.973876	-1.02683
cg20401945	ASPHD1	0.139549	0.217854	2.06803	2.06803	0.00785382	6.76627	6.76627	0.091118	2.83794	2.83794	0.215007	2.07837	2.07837	0.141446	2.42616	2.42616
cg11779362	DNMT3A;DNMT3A;DNMT3A	0.13955	0.738928	0.939698	-1.06417	0.373471	0.843757	-1.18518	0.576543	0.900404	-1.11061	0.124839	0.734212	-1.362	0.19964	1.28657	1.28657
cg17475190	SLC22A23;SLC22A23	0.139553	0.941329	1.01704	1.01704	0.103534	1.505	1.505	0.725128	0.922142	-1.08443	0.742006	0.926955	-1.0788	0.745609	1.07761	1.07761
cg15568066	HNRNPF;HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.139554	0.896174	1.02701	1.02701	0.410775	1.18733	1.18733	0.0104504	1.93099	1.93099	0.654764	0.912216	-1.09623	0.443673	1.17284	1.17284
cg24994593	LDLRAD3	0.139554	0.0803406	0.340122	-2.94012	0.376291	0.603642	-1.65661	0.540452	1.41132	1.41132	0.308818	0.556787	-1.79602	0.139691	0.413307	-2.41951
cg00804468	GRTP1	0.139557	0.366472	0.842704	-1.18666	0.269546	0.808895	-1.23625	0.473372	0.874141	-1.14398	0.308063	1.21484	1.21484	0.53294	0.890038	-1.12355
cg00664682	SLC41A1	0.139558	0.665964	1.13956	1.13956	0.0805879	1.79124	1.79124	0.183667	1.52849	1.52849	0.909531	1.03478	1.03478	0.620823	1.16182	1.16182
cg04535371	IMPDH2;IMPDH2	0.139558	0.311318	1.35389	1.35389	0.781965	0.922887	-1.08356	0.316193	0.74101	-1.34951	0.0601029	0.541493	-1.84675	0.552799	1.18968	1.18968
cg17039808	PDZD4	0.13956	0.34017	0.579576	-1.7254	0.199014	0.470922	-2.12349	0.390749	0.613871	-1.62901	0.0725367	0.328965	-3.03984	0.00997421	0.16439	-6.08309
cg20004659	ABCC3;ABCC3	0.139564	0.892372	1.03312	1.03312	0.683616	1.10366	1.10366	0.0918666	0.639715	-1.5632	0.106622	0.65435	-1.52823	0.95134	1.0148	1.0148
cg24892510	ZNF415;ZNF415;ZNF415;ZNF415	0.139565	0.0159353	2.16044	2.16044	0.222896	1.39691	1.39691	0.238665	0.724638	-1.38	0.969544	1.01001	1.01001	0.853344	1.04948	1.04948
cg11399891	ZNF444	0.139565	0.353095	0.885344	-1.1295	0.612519	1.06726	1.06726	0.912661	0.986113	-1.01408	0.745625	0.959361	-1.04236	0.30044	1.14655	1.14655
cg23404351	CDH12	0.139565	0.120941	0.462719	-2.16114	0.0325517	0.31776	-3.14703	0.054153	0.36733	-2.72234	0.995806	0.997594	-1.00241	0.241445	0.570136	-1.75397
cg11715966	CCDC8	0.139566	0.729953	1.11989	1.11989	0.176953	1.59831	1.59831	0.034856	2.2335	2.2335	0.881269	0.952337	-1.05005	0.922804	1.03218	1.03218
cg26466773	TAF1C;TAF1C	0.139566	0.812577	0.874128	-1.144	0.0163448	5.27277	5.27277	0.114267	2.64579	2.64579	0.402717	1.62421	1.62421	0.204605	2.13432	2.13432
cg03289872	ZNF667;ZNF667	0.139566	0.141899	1.4665	1.4665	0.238912	0.741523	-1.34857	0.926586	0.977903	-1.0226	0.835156	1.05182	1.05182	0.237799	1.34962	1.34962
cg24643514	NUPL2	0.139569	0.1068	0.67191	-1.48829	0.54629	1.14784	1.14784	0.344275	1.24608	1.24608	0.0155069	1.95518	1.95518	0.256926	0.765515	-1.30631
cg11333436	ATG7;ATG7;ATG7	0.139569	0.112751	0.503005	-1.98805	0.671649	0.843908	-1.18496	0.103723	0.492526	-2.03035	0.533566	0.778038	-1.28528	0.012837	0.292292	-3.42124
cg16424143	SLCO5A1;SLCO5A1;SLCO5A1;SLCO5A1	0.139569	0.124403	1.24791	1.24791	0.091534	0.780875	-1.28061	0.643414	0.93983	-1.06402	0.473298	1.10196	1.10196	0.532667	0.919315	-1.08777
cg21215323	DLL4	0.13957	0.615461	1.08171	1.08171	0.107088	1.31365	1.31365	0.0613431	1.38671	1.38671	0.889858	0.97874	-1.02172	0.775131	0.956552	-1.04542
cg11503210	DENND5B	0.139573	0.259284	0.640929	-1.56023	0.0205124	0.348163	-2.87222	0.0822613	0.483052	-2.07017	0.506304	1.29031	1.29031	0.0376099	0.401853	-2.48847
cg25066772	RIN3	0.139574	0.0452915	0.286569	-3.48956	0.0201231	0.21747	-4.59833	0.0744449	0.33905	-2.94942	0.0952858	0.368827	-2.7113	0.225445	0.500166	-1.99933
cg16438646	NRBF2	0.139579	0.237059	0.786594	-1.2713	0.0482224	0.645673	-1.54877	0.163393	0.749573	-1.33409	0.11318	1.39663	1.39663	0.134895	0.73174	-1.36661
cg05357039	LOC100130987;CLCF1;CLCF1	0.139583	0.0275664	0.283574	-3.52642	0.135054	0.458769	-2.17975	0.292023	0.589322	-1.69686	0.0305353	0.292476	-3.41908	0.0428589	0.3239	-3.08737
cg05875696	BICD2;BICD2	0.139586	0.799339	0.923563	-1.08276	0.212733	1.50633	1.50633	0.139748	1.6422	1.6422	0.391872	0.760455	-1.315	0.0110329	0.369638	-2.70535
cg03801898	ADD3;ADD3;ADD3	0.139587	0.0175423	2.96563	2.96563	0.341108	1.44621	1.44621	0.155294	1.77169	1.77169	0.905007	0.956092	-1.04592	0.0827244	2.05997	2.05997
cg10886678	ASXL1;ASXL1	0.139588	0.982183	1.00407	1.00407	0.850104	1.03501	1.03501	0.313929	0.827414	-1.20858	0.718587	1.06804	1.06804	0.964847	0.992015	-1.00805
cg27568550	MMP21	0.139589	0.0502616	0.361942	-2.76288	0.121584	2.14737	2.14737	0.274584	1.67807	1.67807	0.630304	1.24711	1.24711	0.154156	0.499255	-2.00298
cg13713218	KIAA1529	0.139592	0.233388	2.32739	2.32739	0.0401072	4.97142	4.97142	0.255867	2.22982	2.22982	0.396312	1.79909	1.79909	0.0865285	0.278007	-3.59703
cg10888348	FOXK1	0.139594	0.838112	1.15232	1.15232	0.108907	0.297691	-3.35919	0.422563	0.56681	-1.76426	0.41702	1.77684	1.77684	0.742176	1.25708	1.25708
cg13184736	GNG12	0.139595	0.198735	0.2679	-3.73273	0.623198	1.61653	1.61653	0.382126	0.419241	-2.38527	0.357106	0.399098	-2.50565	0.0455639	0.108217	-9.24071
cg19924714	DAAM1	0.139596	0.108023	1.43744	1.43744	0.534686	0.877996	-1.13896	0.384361	1.2027	1.2027	0.753192	1.06745	1.06745	0.238274	1.29125	1.29125
cg25338262	CKM	0.139596	0.33973	0.660176	-1.51475	0.0304817	2.92451	2.92451	0.0986785	2.1472	2.1472	0.63089	0.815215	-1.22667	0.46865	0.732595	-1.36501
cg24733384	FAM177A1;FAM177A1	0.139596	0.0723412	0.571964	-1.74836	0.763912	1.08754	1.08754	0.11411	0.619506	-1.61419	0.0548769	0.545215	-1.83414	0.688307	0.893736	-1.1189
cg06493612	JARID2	0.139597	0.109924	0.17748	-5.63443	0.124664	5.20385	5.20385	0.0577221	8.40761	8.40761	0.551275	1.81872	1.81872	0.103911	0.171316	-5.83718
cg11373980	PRMT2;PRMT2	0.139599	0.289796	0.646954	-1.5457	0.49723	0.760958	-1.31413	0.78008	1.11733	1.11733	0.636825	0.828198	-1.20744	0.370901	1.43932	1.43932
cg06557624	SMOC2;SMOC2	0.1396	0.583708	0.86274	-1.1591	0.0195114	0.470876	-2.1237	0.998962	1.00035	1.00035	0.908404	1.03118	1.03118	0.399978	0.794639	-1.25843
cg01919895	ATL1;ATL1;ATL1	0.139601	0.855972	0.975431	-1.02519	0.317727	1.15189	1.15189	0.0788014	1.30637	1.30637	0.337807	1.14487	1.14487	0.183544	1.21311	1.21311
cg25059588	DES	0.139601	0.0640132	0.559175	-1.78835	0.707312	0.900024	-1.11108	0.859011	0.951559	-1.05091	0.967685	0.988751	-1.01138	0.117802	0.622307	-1.60692
cg20435125	CTNS;CTNS	0.139602	0.466276	0.714552	-1.39948	0.0958149	0.436364	-2.29166	0.0349209	0.328133	-3.04755	0.861848	0.924075	-1.08216	0.00790718	0.213461	-4.6847
cg26768816	CCNE1;CCNE1	0.139603	0.739716	1.1411	1.1411	0.507582	1.3049	1.3049	0.265019	1.58386	1.58386	0.128595	0.521927	-1.91598	?	?	?
cg07497223	RGMB	0.139607	0.776736	1.05475	1.05475	0.959815	1.00949	1.00949	0.513765	1.13218	1.13218	0.0041467	0.486508	-2.05547	0.640473	1.09219	1.09219
cg06807993	MIR657;AATK;MIR338	0.139607	0.0968596	0.334096	-2.99315	0.641192	0.754016	-1.32623	0.674965	1.2888	1.2888	0.814916	0.868435	-1.1515	0.102737	0.341652	-2.92695
ch.6.93211F	SLC22A23;SLC22A23	0.139607	0.0190049	0.198981	-5.02561	0.307756	0.548659	-1.82263	0.0365073	0.251102	-3.98245	0.357595	0.58396	-1.71245	?	?	?
cg13427320	GOLGA3	0.139609	0.66609	0.920002	-1.08695	0.534708	1.12835	1.12835	0.153134	0.74542	-1.34152	0.990017	1.00241	1.00241	0.849132	0.964086	-1.03725
cg07779699	FAM71E2	0.13961	0.0799975	1.37573	1.37573	0.1089	1.33257	1.33257	0.162928	0.783034	-1.27708	0.231359	1.22894	1.22894	0.703908	0.939223	-1.06471
cg12744820	OLIG3	0.139613	0.442502	3.56225	3.56225	0.960532	1.08359	1.08359	0.079447	23.5345	23.5345	0.666662	2.01988	2.01988	0.610003	0.434055	-2.30385
cg19460713	SPATS2L;SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.139619	0.629066	0.935455	-1.069	0.598319	1.0756	1.0756	0.0413602	0.724313	-1.38062	0.207896	0.833582	-1.19964	0.0641646	0.751912	-1.32994
cg06159435	H2AFX	0.139619	0.936902	0.981108	-1.01926	0.246196	1.33929	1.33929	0.375035	1.24523	1.24523	0.672877	1.10771	1.10771	0.495588	0.84647	-1.18138
cg15924285	SNORA8;SNORA1;SNORA32;SNORD6	0.139625	0.0777034	0.516154	-1.93741	0.0684828	1.9896	1.9896	0.45503	1.29261	1.29261	0.535224	1.2359	1.2359	0.0645756	0.49645	-2.0143
cg13188098	KCNA6	0.139626	0.448941	1.43071	1.43071	0.321353	0.621527	-1.60894	0.872505	1.0774	1.0774	0.00506263	5.58626	5.58626	0.471962	0.712043	-1.40441
cg20976977	PUM1;PUM1	0.139629	0.0490856	0.656365	-1.52354	0.347512	1.19876	1.19876	0.788392	0.950832	-1.05171	0.580039	1.11043	1.11043	0.779688	1.05396	1.05396
cg11593799	PTPRN2;PTPRN2;PTPRN2	0.139629	0.656375	0.92567	-1.0803	0.071096	0.706272	-1.41588	0.153419	1.30168	1.30168	0.0530649	0.684452	-1.46102	0.922866	1.01684	1.01684
cg24158506	ZNF773	0.139636	0.242326	0.831836	-1.20216	0.501649	0.902479	-1.10806	0.776648	1.04372	1.04372	0.642911	1.07278	1.07278	0.516558	1.10402	1.10402
cg04015907	FAM110A;FAM110A;FAM110A	0.139638	0.495244	0.783307	-1.27664	0.0735632	2.02093	2.02093	0.0389802	2.32284	2.32284	0.609232	1.1994	1.1994	0.320913	0.696501	-1.43575
cg27394203	KDM6B	0.139643	0.413378	0.796982	-1.25473	0.385945	1.27276	1.27276	0.606628	0.868541	-1.15136	0.17676	0.677294	-1.47646	0.00803841	0.397936	-2.51297
cg19919217	THRA	0.139645	0.13145	2.49163	2.49163	0.0218365	4.67773	4.67773	0.0260087	4.39836	4.39836	0.260298	1.93145	1.93145	0.354676	1.70544	1.70544
cg18572214	ASB2	0.139646	0.364837	0.686532	-1.4566	0.100315	2.06926	2.06926	0.506995	1.31247	1.31247	0.530919	0.773849	-1.29224	0.0110308	0.275879	-3.62477
cg06909773	LDLRAD2;HSPG2	0.139646	0.7591	1.07929	1.07929	0.0921987	0.631417	-1.58374	0.0131713	0.466519	-2.14354	0.585232	0.872223	-1.1465	0.17042	0.696173	-1.43642
cg16645976	ARL13B;STX19;ARL13B	0.139647	0.286156	0.745438	-1.34149	0.0107048	0.42708	-2.34148	0.554699	0.853439	-1.17173	0.725099	1.09817	1.09817	0.542502	1.17764	1.17764
cg15789789	TMEM184B	0.139647	0.746188	1.16729	1.16729	0.845739	1.09722	1.09722	0.515184	0.730289	-1.36932	0.022793	3.66157	3.66157	0.196357	0.521684	-1.91687
cg23644589	OBSCN;OBSCN	0.139648	0.057553	0.170023	-5.88154	0.0947474	0.219815	-4.54928	0.461281	0.538608	-1.85664	0.185297	0.313842	-3.18632	0.0547107	0.165667	-6.03621
cg03716937	ADAM2	0.139649	0.0242606	0.33124	-3.01896	0.984144	0.991858	-1.00821	0.363164	0.6808	-1.46886	0.0226569	0.325434	-3.07282	0.975046	0.987214	-1.01295
cg23434304	DHRS4L2	0.13965	0.849912	0.941918	-1.06166	0.167671	0.628441	-1.59124	0.0815392	0.543459	-1.84007	0.130396	0.596909	-1.6753	0.21441	0.661756	-1.51113
cg08680731	VPS41;VPS41;VPS41;VPS41	0.139656	0.153777	0.697086	-1.43454	0.0277676	1.84898	1.84898	0.382997	1.2354	1.2354	0.0832266	1.57327	1.57327	0.048736	1.70216	1.70216
cg13802457	GLIS3	0.139663	0.578786	0.860783	-1.16173	0.541339	1.17974	1.17974	0.542708	1.17906	1.17906	0.450611	0.814251	-1.22812	0.316581	0.758219	-1.31888
cg08802604	RPS6KA2;RPS6KA2	0.139664	0.0142912	0.553377	-1.80709	0.108277	1.40938	1.40938	0.948816	1.01265	1.01265	0.0659206	0.667578	-1.49795	0.434242	0.855329	-1.16914
cg16623836	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.139665	0.392083	0.64879	-1.54133	0.0128262	0.21761	-4.59539	0.126163	0.441982	-2.26254	0.417506	1.50505	1.50505	0.0618101	0.354217	-2.82313
cg07391436	PRELID2;PRELID2;PRELID2	0.139669	0.677596	1.09804	1.09804	0.0941517	0.662532	-1.50936	0.833657	1.04817	1.04817	0.400553	1.21227	1.21227	0.506373	1.16279	1.16279
cg14275779	PLEKHH3	0.139671	0.712614	1.09563	1.09563	0.165505	1.44068	1.44068	0.446278	0.825608	-1.21123	0.879739	1.03808	1.03808	0.640209	0.890295	-1.12322
cg02369140	ZNF862	0.139673	0.649687	1.06806	1.06806	0.998077	1.00035	1.00035	0.0925567	1.30543	1.30543	0.56161	1.08818	1.08818	0.227894	1.19991	1.19991
cg20943461	TMC8;TMC6;TMC8	0.139674	0.1113	0.490491	-2.03877	0.0356453	0.366327	-2.7298	0.034111	0.362229	-2.76068	0.264999	0.620598	-1.61135	0.230394	0.596466	-1.67654
cg25145993	NKX3-1	0.139681	0.481962	0.901692	-1.10903	0.518565	0.90959	-1.0994	0.233473	1.19827	1.19827	0.0535046	1.37373	1.37373	0.0952846	0.766917	-1.30392
cg01322142	CPLX1	0.139681	0.133228	2.49645	2.49645	0.0809138	2.9836	2.9836	0.133625	2.49376	2.49376	0.966513	0.976567	-1.02399	0.0389345	0.259204	-3.85796
cg27057650	IGDCC4	0.13969	0.0662348	2.07342	2.07342	0.0225626	2.62923	2.62923	0.46259	1.30298	1.30298	0.754276	1.11754	1.11754	0.0719078	2.03618	2.03618
cg22827724	PSORS1C1	0.139691	0.418727	0.755319	-1.32394	0.0465058	0.461007	-2.16916	0.0766246	1.952	1.952	0.783737	0.910799	-1.09794	0.461983	0.775452	-1.28957
cg05817709	RARRES3	0.139699	0.0877697	0.335858	-2.97744	0.201317	0.457802	-2.18435	0.137175	0.395753	-2.52683	0.550136	0.704649	-1.41915	0.0667723	0.304226	-3.28703
cg11463280	HCG9	0.1397	0.306078	1.87202	1.87202	0.0619679	3.46808	3.46808	0.0873124	3.05554	3.05554	0.125009	2.67133	2.67133	0.356445	1.75281	1.75281
cg20373761	TLE1	0.139701	0.736474	1.12378	1.12378	0.024054	0.394646	-2.53392	0.864567	1.06076	1.06076	0.780273	1.10144	1.10144	0.555169	1.22899	1.22899
cg10168149	FLJ32063	0.139701	0.0531774	63.5645	63.5645	0.155064	17.7433	17.7433	0.189878	13.7949	13.7949	0.340789	0.156389	-6.39431	0.0369934	97.3302	97.3302
cg13560259	CTTNBP2NL	0.139702	0.0163175	0.5746	-1.74034	0.333828	0.828543	-1.20694	0.351994	0.834662	-1.19809	0.593416	0.903315	-1.10703	0.0427576	0.643994	-1.55281
cg23151401	WBSCR26	0.139702	0.156081	0.869309	-1.15034	0.0235063	0.779017	-1.28367	0.0188145	0.768983	-1.30042	0.903419	0.988858	-1.01127	0.507668	0.93985	-1.064
cg08615567	CPXM2	0.139703	0.209136	1.99222	1.99222	0.128219	2.35399	2.35399	0.142741	2.27092	2.27092	0.224669	1.94258	1.94258	0.879063	1.0825	1.0825
cg20184056	ZNF365;ZNF365	0.139706	0.805117	0.930282	-1.07494	0.200672	1.48457	1.48457	0.345462	0.752729	-1.3285	0.135652	1.60021	1.60021	0.602216	1.16618	1.16618
cg10900641	HCCA2;LOC402778	0.139711	0.250752	0.515845	-1.93857	0.0132279	0.183812	-5.44033	0.464781	1.50737	1.50737	0.756752	0.842501	-1.18694	0.0850326	0.349804	-2.85874
cg23248007	LOC285830;LOC285830	0.139719	0.878433	0.937622	-1.06653	0.739538	1.15074	1.15074	0.778134	1.12621	1.12621	0.582585	0.791697	-1.26311	0.00927406	0.249258	-4.01191
cg06313119	FGF14	0.139721	0.0579862	1.8321	1.8321	0.867755	1.04821	1.04821	0.0372117	1.98042	1.98042	0.992311	1.00273	1.00273	0.774485	1.08454	1.08454
cg04295172	KDELC2	0.139722	0.0422014	0.352991	-2.83293	0.673023	0.827906	-1.20787	0.720986	0.852517	-1.173	0.270735	0.60037	-1.66564	0.0180755	0.278706	-3.58801
cg00635599	MKL2	0.139723	0.777291	0.942159	-1.06139	0.248733	1.2883	1.2883	0.446121	1.17724	1.17724	0.636347	1.10525	1.10525	0.0591361	0.639094	-1.56472
cg12009803	IL17REL	0.139724	0.0879664	2.94152	2.94152	0.023691	4.69924	4.69924	0.19435	2.19611	2.19611	0.164355	2.33992	2.33992	0.0994615	2.81412	2.81412
cg17676096	LEO1	0.139728	0.641019	1.15234	1.15234	0.583207	1.18214	1.18214	0.232557	0.68522	-1.45939	0.398142	0.770106	-1.29852	0.0279112	2.19121	2.19121
cg23051811	MRPL14;TMEM63B;MRPL14	0.139731	0.630346	1.19163	1.19163	0.509548	1.27367	1.27367	0.604826	1.20773	1.20773	0.653217	1.17765	1.17765	0.0145012	0.336559	-2.97125
cg03887417	BTN2A1;BTN2A1	0.139732	0.0681368	0.166311	-6.01284	0.0984121	0.203579	-4.9121	0.711998	0.722061	-1.38492	0.484735	0.53604	-1.86553	0.0621605	0.158172	-6.32225
cg19224713	SAMD12;SAMD12	0.13974	0.0995725	1.49053	1.49053	0.554179	0.876074	-1.14146	0.0873139	1.51802	1.51802	0.85441	1.04145	1.04145	0.765537	1.06837	1.06837
cg03949158	DAGLA;DAGLA	0.139742	0.720716	0.951375	-1.05111	0.627005	0.934262	-1.07036	0.0603308	0.745166	-1.34198	0.240144	0.843012	-1.18622	0.718899	1.05147	1.05147
cg01090609	B4GALT6	0.139742	0.527497	0.801846	-1.24712	0.00874472	0.31593	-3.16525	0.404007	0.744852	-1.34255	0.973831	1.01138	1.01138	0.176889	0.609465	-1.64078
cg12011299	ADH4	0.139747	0.201659	0.440966	-2.26775	0.00645945	0.116422	-8.58944	0.0988345	0.333206	-3.00115	0.853374	1.1189	1.1189	0.241173	0.474696	-2.10661
cg26909705	GSPT2	0.139748	0.53962	0.733198	-1.36389	0.0662079	2.80032	2.80032	0.481275	0.699261	-1.43008	0.85926	0.915124	-1.09275	0.572943	0.75227	-1.32931
cg03006588	MCF2L;MCF2L	0.139749	0.125572	2.16752	2.16752	0.0190451	3.76033	3.76033	0.013688	4.14862	4.14862	0.191549	1.90641	1.90641	0.313028	1.62738	1.62738
cg09803262	DLX6AS	0.139753	0.481401	0.451747	-2.21363	0.874653	1.1916	1.1916	0.330046	3.05291	3.05291	0.399118	0.383455	-2.60787	0.0152223	27.3818	27.3818
cg06061760	KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3;KCNMB3	0.139758	0.5773	0.867093	-1.15328	0.0152087	0.469941	-2.12793	0.693562	1.10551	1.10551	0.84547	1.05067	1.05067	0.657058	0.892991	-1.11983
cg05540413	ZNF32;ZNF32	0.139761	0.697931	0.9315	-1.07354	0.0336555	1.57052	1.57052	0.710793	1.07011	1.07011	0.0951479	0.716327	-1.39601	0.217792	0.789875	-1.26602
cg05298696	ASPRV1	0.139762	0.0380527	12.3313	12.3313	0.320284	2.92374	2.92374	0.880372	1.17038	1.17038	0.29543	3.10652	3.10652	0.912813	1.12122	1.12122
cg04453124	DLG5	0.139766	0.366517	0.57888	-1.72747	0.662021	1.29588	1.29588	0.600123	0.732206	-1.36574	0.0378031	0.241863	-4.13458	0.548183	1.43054	1.43054
cg06672753	HPN;HPN	0.139766	0.363699	1.46615	1.46615	0.0409409	2.63017	2.63017	0.100004	2.09338	2.09338	0.81975	0.910687	-1.09807	0.946365	1.02796	1.02796
cg19606431	MED23;MED23;MED23;MED23	0.139766	0.99739	0.999524	-1.00048	0.8433	1.02921	1.02921	0.811096	0.965761	-1.03545	0.291942	0.852913	-1.17245	0.143581	1.25691	1.25691
cg17473673	PGLYRP2	0.139768	0.0579882	0.618594	-1.61657	0.826021	1.05058	1.05058	0.328524	0.797692	-1.25362	0.271603	0.773752	-1.2924	0.22926	0.753698	-1.32679
cg08531017	DSCAML1	0.139769	0.876948	1.04514	1.04514	0.189032	0.672696	-1.48655	0.0474071	0.524009	-1.90836	0.506662	1.21163	1.21163	0.0959225	1.68373	1.68373
cg04834502	N4BP1	0.139773	0.223781	0.671107	-1.49008	0.107674	0.578203	-1.7295	0.566385	0.834551	-1.19825	0.623931	1.16672	1.16672	0.98947	0.99589	-1.00413
cg04595983	MAP9	0.139775	0.393489	1.13181	1.13181	0.158932	0.807927	-1.23774	0.846375	0.972897	-1.02786	0.833518	0.970624	-1.03027	0.0727562	1.32786	1.32786
cg01817067	FBXO21;FBXO21	0.13978	0.554364	1.24915	1.24915	0.554976	0.800823	-1.24872	0.0194878	2.8588	2.8588	0.106524	1.92627	1.92627	0.853354	1.07125	1.07125
cg13170032	HLX	0.13978	0.0310089	0.4056	-2.46548	0.646976	0.848465	-1.1786	0.920837	1.03606	1.03606	0.0906439	1.94322	1.94322	0.250302	0.651733	-1.53437
cg14834653	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.139781	0.539204	0.611023	-1.6366	0.481178	1.76365	1.76365	0.547012	1.62084	1.62084	0.0354053	6.96621	6.96621	0.471846	1.78592	1.78592
cg25610515	LUZP1;LUZP1	0.139781	0.0151933	20.9535	20.9535	0.397076	2.42222	2.42222	0.504332	0.500953	-1.99619	0.107117	6.01604	6.01604	0.191952	0.244344	-4.09259
cg08204280	IRX2;IRX2;C5orf38	0.139781	0.0959223	3.25866	3.25866	?	?	?	0.229564	2.227	2.227	0.0241263	6.01198	6.01198	0.313823	1.93104	1.93104
cg17306279	CXXC5	0.139785	0.726139	1.07472	1.07472	0.0840775	0.671893	-1.48833	0.70493	1.08108	1.08108	0.172344	1.35032	1.35032	0.929618	0.982071	-1.01826
cg21367957	F10	0.139789	0.249646	0.579861	-1.72455	0.889164	0.938793	-1.0652	0.176409	0.521531	-1.91743	0.425402	0.69164	-1.44584	0.0147903	0.257044	-3.89038
cg11138769	VPS26B	0.139789	0.935857	0.985842	-1.01436	0.0523475	1.47831	1.47831	0.130287	0.748647	-1.33574	0.987819	0.997299	-1.00271	0.491911	0.883681	-1.13163
cg00994941	ZNF669;ZNF669	0.13979	0.0416256	0.325797	-3.06939	0.0592663	0.361783	-2.76408	0.331136	0.619556	-1.61406	0.192273	0.517394	-1.93276	0.0265606	0.285024	-3.50847
cg19056004	LRRC23;ENO2;LRRC23;LRRC23	0.139791	0.652963	1.25655	1.25655	0.943356	1.0365	1.0365	0.0633228	2.86809	2.86809	0.0229717	3.94477	3.94477	0.635154	1.27273	1.27273
cg12830438	REV1;REV1	0.139792	0.771503	0.891227	-1.12205	0.933379	1.03362	1.03362	0.114397	0.507089	-1.97204	0.801589	0.905222	-1.1047	0.0426	0.39724	-2.51737

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22631555	0.157382	0.641778	-1.55817	0.693018	0.890135	-1.12343	0.20004	0.672279	-1.48748	0.132955	0.621566	-1.60884	2.20569	3.0057	1.21129	1
cg04897713	0.229337	0.640822	-1.5605	0.291881	0.679897	-1.47081	0.0401289	0.433143	-2.30871	0.22509	0.63795	-1.56752	2.20568	4.34773	1.75214	1
cg06269919	0.284721	1.79888	1.79888	0.9301	1.04745	1.04745	0.159	2.21535	2.21535	0.198353	2.05091	2.05091	2.20568	9.75327	3.93058	1
cg13749939	0.605038	0.842014	-1.18763	0.0214286	0.402137	-2.48672	0.0943535	0.545456	-1.83333	0.0680452	0.509894	-1.96119	2.20566	3.79506	1.52942	1
cg00278131	0.0334441	1.68035	1.68035	0.429468	0.844975	-1.18347	0.626483	0.902638	-1.10786	0.966885	1.00871	1.00871	2.20565	1.52374	0.614074	1
cg26627898	0.124134	0.791953	-1.2627	0.123509	0.791595	-1.26327	0.671142	0.941927	-1.06165	0.0240722	1.45778	1.45778	2.20565	0.68551	0.276265	1
cg07268319	0.156839	0.397722	-2.51432	0.0538542	0.260378	-3.84057	0.526083	0.678484	-1.47387	0.866679	0.903697	-1.10657	2.34162	11.718	4.37872	1
cg12547166	0.70255	0.758236	-1.31885	0.00762633	11.8756	11.8756	0.863444	1.13221	1.13221	0.886318	0.901961	-1.10869	2.20563	18.1749	7.32465	1
cg19987219	0.24635	0.508642	-1.96602	0.245106	0.507653	-1.96985	0.274707	0.530614	-1.88461	0.267546	0.525163	-1.90417	2.20562	10.8617	4.3774	1
cg12183124	0.323895	1.20545	1.20545	0.0089011	1.84124	1.84124	0.654315	1.08617	1.08617	0.311753	0.825368	-1.21158	2.20561	1.17498	0.473532	1
cg13107975	0.769182	1.06334	1.06334	0.0295609	0.585838	-1.70696	0.1563	1.37232	1.37232	0.267625	1.27254	1.27254	2.20558	1.52159	0.613229	1
cg07651687	0.116762	1.37278	1.37278	0.156798	0.754599	-1.32521	0.739149	1.0641	1.0641	0.0252399	0.609739	-1.64005	2.20557	1.2075	0.486647	1
cg19681897	0.602926	1.48869	1.48869	0.498163	1.68434	1.68434	0.940497	1.05823	1.05823	0.999179	0.99922	-1.00078	2.20555	20.0786	8.09214	1
cg06907626	0.989716	1.00291	1.00291	0.0944061	1.5138	1.5138	0.523241	0.864248	-1.15707	0.0838385	1.53946	1.53946	2.20555	1.77639	0.715928	1
cg20401945	0.175346	2.24299	2.24299	0.256183	1.94322	1.94322	0.18485	2.19956	2.19956	0.0936909	2.81022	2.81022	2.20555	10.9746	4.42303	1
cg11779362	0.168749	0.761333	-1.31349	0.021645	1.6699	1.6699	0.338252	1.2015	1.2015	0.659058	0.920749	-1.08607	2.20554	1.20788	0.486807	1
cg17475190	0.343325	1.25125	1.25125	0.0092342	2.13548	2.13548	0.366194	1.23758	1.23758	0.175616	0.718441	-1.3919	2.20552	1.8415	0.742176	1
cg15568066	0.184423	0.750214	-1.33295	0.401127	1.19177	1.19177	0.182855	0.749348	-1.33449	0.382757	1.20048	1.20048	2.20551	1.45567	0.586679	1
cg24994593	0.0827676	0.343663	-2.90983	0.0726063	0.328373	-3.04531	0.0175563	0.200559	-4.98606	0.29381	0.545862	-1.83196	2.20551	10.7962	4.35121	1
cg00804468	0.342571	0.834962	-1.19766	0.0163654	1.71825	1.71825	0.175827	1.30409	1.30409	0.352348	0.838168	-1.19308	2.20549	1.18848	0.478997	1
cg00664682	0.283439	0.715191	-1.39823	0.0219691	0.437533	-2.28554	0.200397	0.665762	-1.50204	0.993736	1.00236	1.00236	2.20548	3.16027	1.2737	1
cg04535371	0.0151843	0.422038	-2.36946	0.783306	1.08301	1.08301	0.278797	1.38502	1.38502	0.893448	1.03952	1.03952	2.20548	2.92243	1.17784	1
cg17039808	0.0938141	0.359723	-2.77991	0.219833	0.488754	-2.04602	0.480933	1.48815	1.48815	0.479457	0.671049	-1.49021	2.20546	10.7547	4.33458	1
cg20004659	0.390894	1.23569	1.23569	0.0261011	1.88793	1.88793	0.904863	1.0292	1.0292	0.153694	0.69233	-1.4444	2.20544	2.0241	0.815803	1
cg24892510	0.883117	1.03914	1.03914	0.0940955	0.618543	-1.6167	0.372174	1.27013	1.27013	0.266124	1.35311	1.35311	2.20543	2.37908	0.958877	1
cg11399891	0.0122863	0.672029	-1.48803	0.0661234	0.768954	-1.30047	0.52966	1.08454	1.08454	0.427759	1.10871	1.10871	2.20543	0.567389	0.228684	1
cg23404351	0.33375	0.633271	-1.5791	0.136243	0.479191	-2.08685	0.535013	1.33362	1.33362	0.0452122	0.348946	-2.86577	2.20543	7.33457	2.95617	1
cg11715966	0.271858	1.45316	1.45316	0.0164704	2.60533	2.60533	0.212269	1.53619	1.53619	0.334487	0.722355	-1.38436	2.20543	3.72928	1.50307	1
cg26466773	0.0385526	3.88592	3.88592	0.94337	0.960562	-1.04106	0.568019	1.38661	1.38661	0.406464	0.61817	-1.61768	2.20542	11.2047	4.51603	1
cg03289872	0.0608267	1.66927	1.66927	0.0302898	1.85426	1.85426	0.0748798	1.61768	1.61768	0.878254	0.963516	-1.03787	2.20542	2.05331	0.82758	1
cg24643514	0.635825	1.11374	1.11374	0.232241	0.75358	-1.327	0.526533	1.15594	1.15594	0.862602	0.961637	-1.03989	2.2054	1.78132	0.717963	1
cg11333436	0.282569	0.64118	-1.55963	0.478511	0.750669	-1.33215	0.479346	0.751091	-1.3314	0.0219802	0.334967	-2.98537	2.2054	5.53386	2.23043	1
cg16424143	0.837458	0.973026	-1.02772	0.0209019	0.690733	-1.44774	0.73549	0.955866	-1.04617	0.0958716	0.783909	-1.27566	2.2054	0.618947	0.249467	1
cg21215323	0.376537	0.868717	-1.15112	0.100443	0.75647	-1.32193	0.438963	1.13023	1.13023	0.0673887	0.727701	-1.37419	2.20539	0.840128	0.338616	1
cg11503210	0.251268	0.635673	-1.57314	0.203015	0.601735	-1.66186	0.586046	0.812332	-1.23102	0.753225	1.12661	1.12661	2.20537	4.99014	2.01131	1
cg25066772	0.188221	0.468225	-2.13573	0.653977	0.782279	-1.27832	0.120844	0.400317	-2.49802	0.111037	0.388755	-2.57232	2.20536	10.3446	4.16948	1
cg16438646	0.777082	0.946481	-1.05655	0.173179	0.755136	-1.32427	0.556614	1.12212	1.12212	0.29496	1.23426	1.23426	2.20533	1.31153	0.528631	1
cg05357039	0.182766	0.504685	-1.98144	0.188643	0.509834	-1.96142	0.114028	0.435382	-2.29683	0.2337	0.546689	-1.82919	2.2053	8.17074	3.29338	1
cg05875696	0.543652	1.21153	1.21153	0.481728	1.2501	1.2501	0.590568	1.18477	1.18477	0.557747	0.831053	-1.20329	2.20527	3.4035	1.37186	1
cg03801898	0.271659	0.650265	-1.53783	0.791527	0.905168	-1.10477	0.269843	0.649117	-1.54056	0.712537	1.14934	1.14934	2.20527	4.94038	1.99135	1
cg10886678	0.324531	1.20331	1.20331	0.167284	1.30707	1.30707	0.792454	0.953162	-1.04914	0.00490091	1.97034	1.97034	2.20526	1.15573	0.465849	1
cg27568550	0.864267	1.08103	1.08103	0.768772	1.14366	1.14366	0.531033	1.33502	1.33502	0.0548896	0.37107	-2.69491	2.20526	7.24191	2.91905	1
cg13713218	0.466168	1.65101	1.65101	0.388584	1.81744	1.81744	0.0507891	4.50217	4.50217	0.166926	2.70813	2.70813	2.20523	15.9652	6.43528	1
cg10888348	0.852511	1.13767	1.13767	0.379508	0.535369	-1.86787	0.00811844	10.473	10.473	0.862589	1.12757	1.12757	2.20521	16.7751	6.76178	1
cg13184736	0.610073	0.60725	-1.64677	0.010946	0.0451845	-22.1315	0.0760493	0.147397	-6.78441	0.366214	0.406433	-2.46043	2.2052	32.8511	13.2419	1
cg19924714	0.814934	0.952639	-1.04972	0.0258177	0.578288	-1.72924	0.281458	0.793237	-1.26066	0.131214	1.40103	1.40103	2.2052	1.49552	0.602826	1
cg25338262	0.0930795	2.18079	2.18079	0.181218	0.549344	-1.82035	0.815149	0.905894	-1.10388	0.615146	1.23853	1.23853	2.2052	6.2202	2.50728	1
cg24733384	0.113702	1.61521	1.61521	0.102147	0.607511	-1.64606	0.25856	0.720066	-1.38876	0.316321	0.749299	-1.33458	2.2052	2.71073	1.09266	1
cg06493612	0.903702	1.1276	1.1276	0.453867	0.469067	-2.13189	0.298757	0.34348	-2.91138	0.271559	0.321214	-3.11319	2.20519	34.3829	13.8594	1
cg11373980	0.309039	1.51781	1.51781	0.00581059	0.238862	-4.18653	0.497518	0.761102	-1.31388	0.374016	0.696505	-1.43574	2.20518	5.48666	2.21162	1
cg06557624	0.0798274	0.595348	-1.67969	0.0522104	1.80244	1.80244	0.909309	0.970056	-1.03087	0.742735	0.915875	-1.09185	2.20517	2.48595	1.00207	1
cg01919895	0.717942	0.951548	-1.05092	0.266463	0.8534	-1.17178	0.650412	0.939445	-1.06446	0.0132483	1.52245	1.52245	2.20517	0.654711	0.26391	1
cg25059588	0.531107	0.837634	-1.19384	0.0441876	1.90712	1.90712	0.0981725	1.65959	1.65959	0.491435	0.822707	-1.2155	2.20517	2.72368	1.0979	1
cg20435125	0.935909	0.964198	-1.03713	0.675043	0.826015	-1.21063	0.87284	0.929961	-1.07531	0.442488	0.701177	-1.42617	2.20516	7.17737	2.89317	1
cg26768816	0.0191343	0.325481	-3.07238	0.452228	0.738468	-1.35416	0.0986203	0.488225	-2.04824	0.653959	0.836419	-1.19557	2.22404	4.90692	2.20631	1
cg07497223	0.634458	1.09395	1.09395	0.647783	1.09006	1.09006	0.290647	0.814168	-1.22825	0.88175	0.972481	-1.0283	2.20512	1.22746	0.494791	1
cg06807993	0.314968	0.535225	-1.86837	0.00942162	0.138094	-7.24147	0.212252	0.453667	-2.20426	0.484342	1.53345	1.53345	2.20512	12.6383	5.09451	1
ch.6.93211F	?	?	?	0.881522	1.0885	1.0885	0.740228	1.20826	1.20826	0.941041	1.04295	1.04295	2.24719	8.9488	4.5511	1
cg13427320	0.0646125	1.48982	1.48982	0.0321454	1.61931	1.61931	0.0981811	0.705837	-1.41676	0.960793	0.990603	-1.00949	2.20511	1.28816	0.519265	1
cg07779699	0.203077	1.24687	1.24687	0.617632	1.08616	1.08616	0.023133	1.56196	1.56196	0.717403	1.0615	1.0615	2.2051	0.941757	0.379628	1
cg12744820	0.702399	1.86417	1.86417	0.226043	7.86503	7.86503	0.00879556	224.225	224.225	0.259514	0.14833	-6.74171	2.20508	91.9202	37.054	1
cg19460713	0.22563	0.839933	-1.19057	0.0297481	0.704225	-1.42	0.0800257	0.766248	-1.30506	0.981091	1.00325	1.00325	2.20503	0.656231	0.264539	1
cg06159435	0.455401	1.20098	1.20098	0.0075106	0.436561	-2.29063	0.925787	0.977807	-1.0227	0.258422	1.32851	1.32851	2.20503	2.0265	0.816919	1
cg15924285	0.265314	0.676003	-1.47928	0.782394	0.910838	-1.09789	0.436613	1.30694	1.30694	0.202318	0.63505	-1.57468	2.20499	3.97317	1.60169	1
cg13188098	0.835455	1.10136	1.10136	0.519907	0.738757	-1.35362	0.905098	1.05692	1.05692	0.470691	0.711325	-1.40583	2.20498	7.5244	3.0333	1
cg20976977	0.0342784	0.629481	-1.58861	0.132997	1.35498	1.35498	0.485329	0.875567	-1.14212	0.20021	0.776	-1.28866	2.20496	1.22664	0.494496	1
cg11593799	0.618167	0.916976	-1.09054	0.0550952	1.45516	1.45516	0.46586	0.879852	-1.13655	0.703797	0.936238	-1.0681	2.20496	1.03892	0.41882	1
cg24158506	0.824094	0.967057	-1.03407	0.0138347	1.58047	1.58047	0.493727	0.900706	-1.11024	0.0474784	1.40654	1.40654	2.2049	0.790609	0.318727	1
cg04015907	0.241072	1.54159	1.54159	0.178769	0.604245	-1.65496	0.655308	0.853456	-1.17171	0.142968	1.74234	1.74234	2.20489	4.34347	1.75104	1
cg27394203	0.385239	0.785396	-1.27324	0.364254	1.28789	1.28789	0.76381	1.08521	1.08521	0.192511	0.687771	-1.45397	2.20485	2.57146	1.03669	1
cg19919217	0.301073	1.82343	1.82343	0.0760884	3.02403	3.02403	0.152672	2.36023	2.36023	0.0964324	2.78234	2.78234	2.20484	10.9755	4.42482	1
cg18572214	0.640646	0.82705	-1.20912	0.332794	1.49712	1.49712	0.398578	0.705328	-1.41778	0.653173	0.833017	-1.20046	2.20483	5.69703	2.29679	1
cg06909773	0.137959	0.672844	-1.48623	0.651866	0.89345	-1.11926	0.213911	1.38352	1.38352	0.904075	0.970535	-1.03036	2.20483	2.14881	0.866304	1
cg16645976	0.757196	1.08573	1.08573	0.21382	1.41505	1.41505	0.167678	1.47703	1.47703	0.458257	0.818467	-1.2218	2.20483	2.45641	0.990316	1
cg15789789	0.824025	1.11191	1.11191	0.827097	0.901052	-1.10981	0.0327614	3.28622	3.28622	0.178509	1.97551	1.97551	2.20482	7.92196	3.19379	1
cg23644589	0.13466	0.26431	-3.78344	0.0610146	0.175193	-5.708	0.0325754	0.126991	-7.87456	0.122302	0.251199	-3.98091	2.20482	23.7663	9.58158	1
cg03716937	0.348609	1.48733	1.48733	0.323026	1.52189	1.52189	0.70407	1.16999	1.16999	0.598995	0.803884	-1.24396	2.20481	5.91017	2.38273	1
cg23434304	0.18216	1.56404	1.56404	0.126378	1.68594	1.68594	0.812831	0.927816	-1.0778	0.0943332	0.559389	-1.78767	2.2048	3.48392	1.40458	1
cg08680731	0.491863	1.17935	1.17935	0.289313	1.2968	1.2968	0.279205	1.30453	1.30453	0.600212	1.1331	1.1331	2.20476	1.94972	0.786063	1
cg13802457	0.435943	1.23673	1.23673	0.0191174	2.13423	2.13423	0.400408	0.794452	-1.25873	0.0418083	1.87234	1.87234	2.20471	2.4953	1.00605	1
cg08802604	0.630458	1.09959	1.09959	0.431096	0.854375	-1.17045	0.811247	0.954223	-1.04797	0.809749	0.95386	-1.04837	2.2047	1.33939	0.540016	1
cg16623836	0.975678	0.985069	-1.01516	0.547838	1.34998	1.34998	0.630151	1.27049	1.27049	0.769229	0.86488	-1.15623	2.20469	8.50143	3.42762	1
cg07391436	0.383901	0.818953	-1.22107	0.0135141	0.504653	-1.98156	0.345747	1.24262	1.24262	0.32387	1.256	1.256	2.20466	1.74736	0.70451	1
cg14275779	0.0973517	0.638216	-1.56687	0.00919467	0.442042	-2.26223	0.755613	0.925826	-1.08012	0.628127	1.12804	1.12804	2.20464	2.12757	0.857813	1
cg02369140	0.611369	0.928874	-1.07657	0.862376	0.975327	-1.0253	0.00591652	1.67935	1.67935	0.191063	1.22058	1.22058	2.20463	0.723893	0.291867	1
cg20943461	0.596453	0.802953	-1.2454	0.87013	0.935012	-1.06951	0.0213228	0.321003	-3.11523	0.391942	0.69754	-1.43361	2.20463	5.88873	2.37429	1
cg25145993	0.236443	1.19677	1.19677	0.0922188	0.764635	-1.30781	0.474887	0.90013	-1.11095	0.374768	0.876422	-1.141	2.20458	0.732017	0.29515	1
cg01322142	0.953178	0.967379	-1.03372	0.482317	1.49679	1.49679	0.110274	2.67255	2.67255	0.993731	1.00445	1.00445	2.20457	11.1384	4.49104	1
cg27057650	0.157601	1.70714	1.70714	0.0388372	2.33168	2.33168	0.247329	1.53435	1.53435	0.870438	0.943865	-1.05947	2.20451	4.37355	1.76347	1
cg22827724	0.296461	0.692363	-1.44433	0.494279	0.789994	-1.26583	0.0567079	2.0803	2.0803	0.534932	0.807824	-1.23789	2.2045	4.02701	1.62375	1
cg05817709	0.947126	0.962329	-1.03915	0.0416134	0.256637	-3.89655	0.149151	2.44893	2.44893	0.257856	0.504785	-1.98104	2.20444	11.704	4.71936	1
cg11463280	0.978061	0.983861	-1.0164	0.0358781	4.23974	4.23974	0.0436095	3.94611	3.94611	0.065009	3.40745	3.40745	2.20443	12.2235	4.92884	1
cg20373761	0.0482341	2.18131	2.18131	0.110227	0.548032	-1.82471	0.934649	1.02874	1.02874	0.376361	1.36841	1.36841	2.20443	4.16756	1.68048	1
cg10168149	0.875529	0.743585	-1.34484	0.0755891	42.0304	42.0304	0.150364	18.4269	18.4269	0.987997	0.971968	-1.02884	2.20443	124.719	50.2902	1
cg13560259	0.340453	0.830798	-1.20366	0.270476	0.805335	-1.24172	0.165199	1.32224	1.32224	0.353529	0.83517	-1.19736	2.20442	1.24303	0.501229	1
cg23151401	0.819423	0.979116	-1.02133	0.0794556	0.835532	-1.19684	0.993814	1.00072	1.00072	0.179295	0.876634	-1.14073	2.20441	0.297433	0.119934	1
cg08615567	0.142328	2.27313	2.27313	0.0109966	5.26444	5.26444	0.185131	2.0785	2.0785	0.0489899	3.2228	3.2228	2.20441	9.46351	3.81599	1
cg20184056	0.0123683	2.48528	2.48528	0.105561	1.67681	1.67681	0.122323	1.63152	1.63152	0.491376	1.22669	1.22669	2.20439	2.98367	1.20312	1
cg10900641	0.475323	0.670047	-1.49243	0.121507	0.396147	-2.52432	0.0809676	0.343935	-2.90753	0.883753	1.08405	1.08405	2.20435	10.6218	4.28317	1
cg23248007	0.774204	0.886001	-1.12867	0.0950129	2.16408	2.16408	0.192991	1.78554	1.78554	0.914507	1.04623	1.04623	2.20429	6.18181	2.49283	1
cg06313119	0.32103	0.748512	-1.33598	0.332624	0.753994	-1.32627	0.976638	1.00831	1.00831	0.0668167	0.559589	-1.78702	2.20428	2.78662	1.12372	1
cg04295172	0.344662	0.648507	-1.542	0.023074	0.298497	-3.35011	0.283896	0.609364	-1.64106	0.24444	0.581705	-1.71908	2.20427	6.91123	2.78701	1
cg00635599	0.870932	0.966413	-1.03475	0.010961	0.511326	-1.9557	0.95473	0.988143	-1.012	0.706005	1.08288	1.08288	2.20426	1.54115	0.621482	1
cg12009803	0.103154	2.77724	2.77724	0.0255257	4.57486	4.57486	0.54934	1.415	1.415	0.364381	1.70584	1.70584	2.20425	11.4611	4.62181	1
cg17676096	0.0345487	2.10489	2.10489	0.83786	1.06383	1.06383	0.105065	1.70712	1.70712	0.78634	1.0855	1.0855	2.20423	3.18308	1.28363	1
cg23051811	0.318469	0.688802	-1.4518	0.838891	1.07638	1.07638	0.122837	1.83027	1.83027	0.123139	1.82923	1.82923	2.20421	4.5637	1.8404	1
cg03887417	0.156577	0.264269	-3.78402	0.0191037	0.0828342	-12.0723	0.824547	1.21531	1.21531	0.10242	0.208134	-4.8046	2.2042	26.924	10.8577	1
cg19224713	0.460374	1.1808	1.1808	0.0455457	0.602281	-1.66035	0.0744334	1.55192	1.55192	0.303765	1.26557	1.26557	2.20414	1.70684	0.688339	1
cg03949158	0.0175749	0.669526	-1.49359	0.111876	1.27176	1.27176	0.331801	0.870202	-1.14916	0.880352	0.979302	-1.02114	2.20412	0.673057	0.271433	1
cg01090609	0.0929052	0.528481	-1.89221	0.0718008	0.499874	-2.0005	0.0981556	0.534831	-1.86975	0.553786	0.81333	-1.22951	2.20412	4.15425	1.67534	1
cg12011299	0.16718	0.408927	-2.44542	0.263569	0.492754	-2.02941	0.190722	0.43111	-2.3196	0.892865	0.92143	-1.08527	2.20409	12.8731	5.1916	1
cg26909705	0.111657	2.37694	2.37694	0.687064	1.22431	1.22431	0.013225	4.63986	4.63986	0.418942	1.51092	1.51092	2.20408	8.71763	3.51576	1
cg03006588	0.186994	1.9207	1.9207	0.229141	1.80202	1.80202	0.287064	1.67507	1.67507	0.412573	1.47836	1.47836	2.20407	7.60171	3.06572	1
cg09803262	0.234287	0.250462	-3.99262	0.899275	1.15098	1.15098	0.0552229	11.1707	11.1707	0.630978	1.71157	1.71157	2.20404	43.0397	17.3579	1
cg06061760	0.931679	0.978516	-1.02196	0.76808	0.927836	-1.07778	0.184998	1.4277	1.4277	0.0307226	0.525803	-1.90185	2.20401	2.23942	0.903173	1
cg05540413	0.621355	0.913398	-1.09481	0.269434	0.811199	-1.23274	0.535415	1.12096	1.12096	0.0970289	1.39288	1.39288	2.20398	1.15544	0.466002	1
cg05298696	0.417951	2.3743	2.3743	0.0103512	29.1947	29.1947	0.100452	6.55297	6.55297	0.12428	5.69004	5.69004	2.20397	38.0959	15.3645	1
cg04453124	0.0538081	3.63342	3.63342	0.743581	1.21339	1.21339	0.0589184	3.51472	3.51472	0.829126	1.13583	1.13583	2.20395	12.1201	4.88826	1
cg06672753	0.133663	1.9408	1.9408	0.0146048	3.43051	3.43051	0.246717	1.64299	1.64299	0.158111	1.85622	1.85622	2.20395	5.86493	2.36542	1
cg19606431	0.311853	1.16442	1.16442	0.0112752	0.630137	-1.58696	0.675303	1.06321	1.06321	0.220174	1.20631	1.20631	2.20394	0.73894	0.298028	1
cg17473673	0.813652	0.948453	-1.05435	0.0271878	0.556583	-1.79668	0.0179737	0.524996	-1.90478	0.26205	0.769423	-1.29967	2.20393	1.7534	0.707179	1
cg08531017	0.893374	1.03895	1.03895	0.109114	1.64512	1.64512	0.143256	1.56548	1.56548	0.489372	0.818655	-1.22152	2.20392	2.83368	1.14289	1
cg04834502	0.325521	0.728485	-1.37271	0.0149597	0.393125	-2.54372	0.0297107	0.450012	-2.22217	0.222769	0.670463	-1.49151	2.2039	3.39883	1.37084	1
cg04595983	0.211619	1.20492	1.20492	0.0666635	0.747298	-1.33815	0.0786812	0.758324	-1.3187	0.737925	0.953543	-1.04872	2.20388	0.700435	0.282506	1
cg01817067	0.754488	0.889855	-1.12378	0.83732	0.926374	-1.07948	0.329644	0.687821	-1.45387	0.0414436	2.39832	2.39832	2.20384	4.8298	1.94803	1
cg13170032	0.477182	0.772925	-1.29379	0.160682	0.586248	-1.70576	0.113661	0.541501	-1.84672	0.337112	1.42288	1.42288	2.20384	4.43285	1.78793	1
cg14834653	0.128075	3.68256	3.68256	0.0374944	6.77208	6.77208	0.0300208	7.55762	7.55762	0.227949	2.72602	2.72602	2.20384	21.9175	8.84015	1
cg25610515	0.875514	0.852194	-1.17344	0.156187	4.70031	4.70031	0.250623	3.40316	3.40316	0.964533	1.04641	1.04641	2.20383	36.3291	14.6529	1
cg08204280	0.129369	2.86361	2.86361	0.206094	0.427985	-2.33653	0.709855	0.791669	-1.26315	0.325828	1.89741	1.89741	2.50424	13.077	3.91645	1
cg17306279	0.155196	0.729945	-1.36997	0.0361995	0.599983	-1.66671	0.51262	0.872596	-1.14601	0.140471	1.38878	1.38878	2.32182	1.50969	0.505725	1
cg21367957	0.947873	1.03006	1.03006	0.0290779	0.311883	-3.20633	0.100343	0.442463	-2.26008	0.158874	0.505564	-1.97799	2.20378	7.16093	2.88834	1
cg11138769	0.297289	0.825785	-1.21097	0.131883	0.749684	-1.3339	0.218704	1.25756	1.25756	0.0734922	0.702219	-1.42406	2.20378	1.09536	0.441813	1
cg00994941	0.0758611	0.389342	-2.56844	0.0883787	0.407527	-2.45383	0.137568	0.466023	-2.14581	0.296663	0.596533	-1.67635	2.20377	7.95639	3.2092	1
cg19056004	0.265882	0.557131	-1.79491	0.357328	0.620252	-1.61225	0.536328	0.729101	-1.37155	0.0993028	2.4883	2.4883	2.20376	8.88523	3.58386	1
cg12830438	0.0154626	0.308869	-3.23762	0.0554627	0.423832	-2.35943	0.921293	0.96167	-1.03986	0.289364	0.647319	-1.54483	2.20375	5.45841	2.20166	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21871080	KCNJ16;KCNJ16;KCNJ16	0.139793	0.184132	0.537795	-1.85944	0.0188502	0.2858	-3.49895	0.250178	0.589165	-1.69732	0.721561	1.17063	1.17063	0.0873956	0.435691	-2.2952	0.0599316	0.392797	-2.54585	0.278345	0.608796	-1.64259	0.0738431	0.415931	-2.40424	0.934899	1.03662	1.03662	2.20374	6.76513	2.72874	1
cg00382999	NCK1	0.139794	0.861413	0.897224	-1.11455	0.487143	1.54986	1.54986	0.779363	0.840038	-1.19042	0.965345	0.973396	-1.02733	0.957558	0.96751	-1.03358	0.527336	1.48806	1.48806	0.0202589	5.68207	5.68207	0.0105561	7.36341	7.36341	0.353228	1.80913	1.80913	2.20374	13.4442	5.42278	1
cg12492835	NARS2;NARS2	0.139798	0.0770533	0.771107	-1.29684	0.385842	0.889106	-1.12473	0.0680884	1.31013	1.31013	0.0534251	1.33652	1.33652	0.608133	0.933909	-1.07077	0.925258	0.987671	-1.01248	0.310208	1.14893	1.14893	0.147764	1.22792	1.22792	0.898997	1.01693	1.01693	2.20371	0.610105	0.246092	1
cg18313790	PCDHB13	0.139799	0.090653	2.08881	2.08881	0.222583	1.65941	1.65941	0.0997605	2.03964	2.03964	0.196203	1.71604	1.71604	0.950666	1.02475	1.02475	0.0482369	2.43993	2.43993	0.549672	1.27021	1.27021	0.0146341	3.27985	3.27985	0.123366	1.93384	1.93384	2.2037	5.44939	2.19808	1
cg25565998	U2AF2;U2AF2;U2AF2;U2AF2	0.139807	0.110713	0.711558	-1.40537	0.131545	1.37542	1.37542	0.743665	1.06636	1.06636	0.783692	0.947546	-1.05536	0.114917	0.714864	-1.39887	0.642086	1.09598	1.09598	0.0892512	0.692863	-1.44329	0.642114	1.09597	1.09597	0.0714463	1.48317	1.48317	2.20365	1.33809	0.539746	1
cg18714498	DNER	0.139807	0.50079	1.12102	1.12102	0.714068	1.06345	1.06345	0.467707	1.13148	1.13148	0.0215189	1.58659	1.58659	0.375522	0.858953	-1.16421	0.135364	1.30875	1.30875	0.842386	0.967266	-1.03384	0.0502158	0.688533	-1.45236	0.99083	1.00192	1.00192	2.20364	0.975347	0.393429	1
cg02012445	NAA30	0.139809	0.202994	0.854312	-1.17053	0.0430576	1.31357	1.31357	0.286153	0.878286	-1.13858	0.485949	1.08649	1.08649	0.542163	1.07497	1.07497	0.440364	1.09658	1.09658	0.033941	0.7482	-1.33654	0.99769	0.999661	-1.00034	0.415837	1.10235	1.10235	2.20363	0.479117	0.193264	1
cg06852203	CSNK1A1P	0.139814	0.911128	0.978074	-1.02242	0.049524	1.56044	1.56044	0.484838	0.868536	-1.15136	0.0249022	0.588595	-1.69896	0.445967	1.16679	1.16679	0.632784	1.1003	1.1003	0.229505	1.28449	1.28449	0.994087	0.99853	-1.00147	0.218045	0.773158	-1.2934	2.20359	1.37594	0.555028	1
cg05362516	IRX5	0.139814	0.135353	0.759974	-1.31583	0.156583	1.29485	1.29485	0.722819	0.941078	-1.06261	0.443173	0.875183	-1.14262	0.989634	1.00222	1.00222	0.37172	0.855224	-1.16928	0.0148251	0.599792	-1.66724	0.530628	0.897346	-1.1144	0.18558	1.27043	1.27043	2.20359	1.01479	0.409348	1
cg05058516	ETFDH;C4orf46	0.139815	0.625284	0.902972	-1.10745	0.408192	0.839099	-1.19175	0.399791	0.836325	-1.19571	0.227403	0.768921	-1.30052	0.0188996	0.554563	-1.80322	0.554839	0.883501	-1.13186	0.0346593	0.600076	-1.66645	0.200224	1.32391	1.32391	0.614594	1.11103	1.11103	2.20359	1.50072	0.605365	1
cg01664864	DIO3;MIR1247	0.13982	0.0329895	33.1052	33.1052	0.489738	2.6772	2.6772	0.181172	7.33329	7.33329	0.698501	1.72684	1.72684	0.907358	0.849262	-1.17749	0.718937	0.602171	-1.66066	0.746278	0.634044	-1.57718	0.0134103	73.5231	73.5231	0.130925	9.86587	9.86587	2.20354	68.7451	27.7311	1
cg04672450	SAMD11	0.139828	0.84205	1.01785	1.01785	0.0903407	1.17993	1.17993	0.0846321	1.18422	1.18422	0.236157	0.895789	-1.11633	0.529016	0.94503	-1.05817	0.151791	1.14583	1.14583	0.763752	1.02708	1.02708	0.09086	0.847781	-1.17955	0.207035	0.888726	-1.12521	2.20349	0.274277	0.110644	1
cg02335631	LOC340094	0.139829	0.215182	0.370472	-2.69926	0.0296119	0.142396	-7.02266	0.33887	0.472216	-2.11768	0.393487	0.514131	-1.94503	0.0271721	0.136688	-7.31594	0.0625767	0.202903	-4.92847	0.0694908	0.213233	-4.6897	0.101512	0.255491	-3.91404	0.230713	0.384062	-2.60375	2.20348	20.2161	8.15522	1
cg11061343	C17orf106	0.13983	0.624016	0.854755	-1.16993	0.0148576	0.386025	-2.59051	0.0451303	0.481796	-2.07557	0.262237	0.689797	-1.4497	0.968068	0.987364	-1.0128	0.650946	0.865287	-1.15569	0.856524	1.05918	1.05918	0.56012	1.20583	1.20583	0.0568456	0.504238	-1.98319	2.20347	3.52181	1.42071	1
cg17599609	SLC44A3;SLC44A3	0.13983	0.286587	0.59369	-1.68438	0.272736	1.71233	1.71233	0.0432513	2.99071	2.99071	0.0723983	2.57185	2.57185	0.6965	1.20284	1.20284	0.159856	2.02915	2.02915	0.0935953	2.38419	2.38419	0.0434323	2.98706	2.98706	0.582912	1.29862	1.29862	2.20347	7.74735	3.12531	1
cg06460189	CMIP;CMIP	0.139831	0.0634294	0.307175	-3.25548	0.382099	0.602354	-1.66015	0.302267	1.83003	1.83003	0.16084	0.428689	-2.33269	0.0135548	0.177693	-5.62769	0.201047	0.465974	-2.14604	0.281007	0.530652	-1.88448	0.177663	0.444814	-2.24813	0.376646	0.598669	-1.67037	2.20347	11.1601	4.50204	1
cg21348533	RAB11FIP1;RAB11FIP1	0.139835	0.121279	0.687474	-1.4546	0.105274	0.673822	-1.48407	0.39973	0.825065	-1.21203	0.331463	1.25046	1.25046	0.254576	0.766934	-1.30389	0.580607	0.882957	-1.13256	0.00943497	0.480024	-2.08323	0.704714	1.08864	1.08864	0.888111	0.969086	-1.0319	2.20344	1.73638	0.700473	1
cg25846302	WASH3P	0.139837	0.864629	1.10449	1.10449	0.106969	0.35881	-2.78699	0.00877886	6.98621	6.98621	0.91592	0.940344	-1.06344	0.278017	0.518389	-1.92905	0.713923	0.806984	-1.23918	0.944865	1.04111	1.04111	0.335846	0.561009	-1.7825	0.747763	1.20675	1.20675	2.20342	11.8387	4.7759	1
cg23071479	LOC221442	0.139838	0.14573	0.568087	-1.76029	0.354051	0.708082	-1.41227	0.0582852	0.460846	-2.16992	0.0992375	1.92371	1.92371	0.17359	1.68904	1.68904	0.899285	1.04691	1.04691	0.115172	1.85914	1.85914	0.99737	1.00119	1.00119	0.473564	0.768056	-1.30199	2.20342	4.57394	1.84519	1
cg09446136	KITLG;KITLG	0.139838	0.429358	0.867794	-1.15235	0.569188	1.10642	1.10642	0.0256552	1.59346	1.59346	0.387913	1.1683	1.1683	0.570586	1.106	1.106	0.0280612	0.633786	-1.57782	0.693268	0.932693	-1.07216	0.719931	1.06533	1.06533	0.35743	1.18099	1.18099	2.20342	1.07816	0.434945	1
cg16555466	C14orf184	0.13984	0.0404561	0.461693	-2.16594	0.230918	0.663385	-1.50742	0.0528988	0.487497	-2.0513	0.110546	0.566731	-1.7645	0.723234	0.890368	-1.12313	0.986997	0.994692	-1.00534	0.0701572	0.51627	-1.93697	0.441862	1.29187	1.29187	0.0812397	0.531945	-1.87989	2.2034	3.72164	1.50137	1
cg09279646	IGSF9B	0.139842	0.0771026	0.731177	-1.36766	0.174679	1.25856	1.25856	0.646561	1.07632	1.07632	0.124973	1.30285	1.30285	0.794717	0.959315	-1.04241	0.0983463	1.33479	1.33479	0.0443393	1.44472	1.44472	0.502005	0.897146	-1.11465	0.936794	1.01271	1.01271	2.20338	0.885479	0.35722	1
cg01383581	SSH2	0.139843	0.70222	1.11914	1.11914	0.940457	0.978348	-1.02213	0.0644327	0.544024	-1.83815	0.0394792	2.0096	2.0096	0.116171	0.606344	-1.64923	0.240303	0.697497	-1.4337	0.449685	0.797938	-1.25323	0.386715	1.29693	1.29693	0.246985	0.701367	-1.42579	2.20338	2.99642	1.20882	1
cg07438660	SMARCE1	0.139844	0.97374	1.00997	1.00997	0.020044	2.32994	2.32994	0.067641	1.85359	1.85359	0.0969179	1.73197	1.73197	0.814552	0.931621	-1.0734	0.902201	0.963621	-1.03775	0.375722	1.31527	1.31527	0.938677	1.02346	1.02346	0.0386023	2.05893	2.05893	2.20337	3.171	1.27925	1
cg00597128	PLAG1;PLAG1;PLAG1	0.139844	0.614583	0.857102	-1.16672	0.817623	0.932253	-1.07267	0.612196	0.856195	-1.16796	0.00412026	0.310824	-3.21726	0.944243	0.978982	-1.02147	0.859828	0.947733	-1.05515	0.245954	1.44559	1.44559	0.466745	1.25222	1.25222	0.91589	0.968425	-1.0326	2.20337	3.21862	1.29847	1
cg00087511	SLC2A7	0.139844	0.0806607	0.744659	-1.3429	0.779482	1.04364	1.04364	0.237076	1.20745	1.20745	0.264141	0.83767	-1.19379	0.978722	1.00407	1.00407	0.342319	1.16055	1.16055	0.0657493	1.36921	1.36921	0.135904	0.783053	-1.27705	0.149002	0.790167	-1.26556	2.20337	0.808171	0.326035	1
cg03445663	HDLBP;HDLBP	0.139845	0.496983	2.43488	2.43488	0.0108391	62.1066	62.1066	0.0119283	57.3247	57.3247	0.763104	1.47709	1.47709	0.396046	3.06959	3.06959	0.504085	2.39847	2.39847	0.488616	2.47894	2.47894	0.435276	2.79317	2.79317	0.783598	1.42652	1.42652	2.20336	58.1072	23.4418	1
cg21387604	TGFB2;TGFB2	0.139849	0.327625	0.642979	-1.55526	0.298122	0.624139	-1.60221	0.345602	0.654075	-1.52888	0.139314	0.49889	-2.00445	0.363714	0.665001	-1.50376	0.107968	0.464621	-2.15229	0.00960701	0.238633	-4.19054	0.0297906	0.327057	-3.05757	0.301963	0.626641	-1.59581	2.20334	6.6657	2.68914	1
cg09621438	SLC25A37	0.139849	0.970665	1.01167	1.01167	0.00670431	0.32976	-3.03251	0.21541	0.662737	-1.50889	0.999085	0.999638	-1.00036	0.194327	0.648438	-1.54217	0.222855	0.667568	-1.49797	0.0649505	0.520038	-1.92294	0.203586	0.654837	-1.5271	0.579754	0.838229	-1.19299	2.20333	3.47333	1.40124	1
cg12116137	PRPF8	0.139851	0.885339	0.890101	-1.12347	0.0127363	12.1504	12.1504	0.211488	2.89233	2.89233	0.665923	0.704356	-1.41974	0.774057	1.26141	1.26141	0.639401	1.46338	1.46338	0.534465	0.601938	-1.6613	0.851717	0.859863	-1.16298	0.0567058	0.175474	-5.69886	2.20332	22.7165	9.16456	1
cg00377953	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.139853	0.0509444	0.39522	-2.53024	0.856246	1.07865	1.07865	0.14375	1.92673	1.92673	0.151552	0.526487	-1.89938	0.153417	1.89309	1.89309	0.434017	0.716559	-1.39556	0.276729	1.60374	1.60374	0.122002	0.496679	-2.01337	0.675898	0.839002	-1.19189	2.20331	6.0828	2.45401	1
cg06081482	ATM;NPAT	0.139853	?	?	?	0.468756	2.41232	2.41232	0.338254	3.25971	3.25971	0.77128	0.706492	-1.41544	0.93309	0.904791	-1.10523	0.0212672	0.0334757	-29.8724	0.205259	4.98044	4.98044	0.182759	5.47417	5.47417	0.1537	6.29134	6.29134	2.33895	45.7596	17.1186	1
cg17565967	C20orf151	0.139854	0.533506	1.21255	1.21255	0.104038	1.72144	1.72144	0.10796	1.70916	1.70916	0.755575	0.908982	-1.10013	0.236268	0.684363	-1.46121	0.972588	1.01056	1.01056	0.0108623	2.65756	2.65756	0.859394	0.947254	-1.05568	0.980841	0.992688	-1.00737	2.2033	3.25901	1.3148	1
cg12733707	SLC22A18AS;SLC22A18;SLC22A18;SLC22A18	0.139854	0.834807	1.04442	1.04442	0.250534	0.77889	-1.28388	0.594451	1.11833	1.11833	0.35696	0.821047	-1.21796	0.442326	1.17708	1.17708	0.32122	1.23774	1.23774	0.0182329	0.550762	-1.81567	0.412045	0.839831	-1.19072	0.0852172	1.48593	1.48593	2.20329	1.51144	0.609769	1
cg09879794	CCDC136;CCDC136	0.139855	0.741775	0.883686	-1.13162	0.773074	1.11418	1.11418	0.0153712	3.0416	3.0416	0.422069	1.35891	1.35891	0.511392	0.779521	-1.28284	0.544822	0.795178	-1.25758	0.16664	0.576106	-1.73579	0.0767921	0.479032	-2.08754	0.65696	1.18193	1.18193	2.20329	4.88001	1.96878	1
cg08195279	NELL2;NELL2;NELL2;NELL2;NELL2	0.139856	0.246849	0.76261	-1.31129	0.236592	1.31988	1.31988	0.0452713	1.672	1.672	0.585739	1.13108	1.13108	0.496042	0.856682	-1.16729	0.04816	0.60325	-1.65769	0.77257	1.067	1.067	0.553404	1.1436	1.1436	0.142892	1.4225	1.4225	2.20328	1.74781	0.705135	1
cg02009766	TLE3;TLE3;TLE3	0.139857	0.0198059	0.161864	-6.17801	0.577163	0.694512	-1.43986	0.199952	0.416298	-2.40213	0.338669	0.52817	-1.89333	0.0275787	0.185207	-5.39938	0.606996	0.714762	-1.39907	0.124785	0.341117	-2.93155	0.40755	1.73035	1.73035	0.183005	0.400715	-2.49554	2.20328	14.6178	5.89739	1
cg15410236	ARID3A	0.139862	0.330028	1.33447	1.33447	0.589849	0.855376	-1.16908	0.112135	1.64304	1.64304	0.227995	0.695426	-1.43797	0.0440948	1.9425	1.9425	0.242925	1.42015	1.42015	0.0395492	1.98055	1.98055	0.193636	1.48412	1.48412	0.846412	0.945855	-1.05724	2.20324	2.8752	1.15999	1
cg24224884	AVPI1	0.139862	0.139438	1.39304	1.39304	0.986252	0.996415	-1.0036	0.454748	1.17198	1.17198	0.743079	0.933743	-1.07096	0.0107367	0.512644	-1.95067	0.517288	0.872116	-1.14664	0.544831	1.13625	1.13625	0.148066	1.38182	1.38182	0.813363	0.951902	-1.05053	2.20324	1.51583	0.611555	1
cg09775103	STX4	0.139863	0.646058	0.896357	-1.11563	0.184016	1.3958	1.3958	0.885187	0.96639	-1.03478	0.498003	0.849777	-1.17678	0.951071	1.01463	1.01463	0.976837	1.00689	1.00689	0.00550551	0.421706	-2.37132	0.647934	1.11492	1.11492	0.237846	0.746339	-1.33987	2.20323	1.95368	0.788209	1
cg07818563	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.139863	0.779666	0.939116	-1.06483	0.903401	0.973171	-1.02757	0.0372914	0.581923	-1.71844	0.737207	1.07835	1.07835	0.569634	1.13736	1.13736	0.797199	1.05937	1.05937	0.00934537	0.477902	-2.09248	0.4664	0.847036	-1.18059	0.230419	0.754417	-1.32553	2.20323	1.75057	0.706266	1
cg16272007	FCRL6	0.139865	0.798715	0.955974	-1.04605	0.766566	0.948896	-1.05386	0.141715	0.756999	-1.32101	0.126739	1.33782	1.33782	0.0213683	0.61429	-1.6279	0.366004	0.849044	-1.1778	0.159706	1.30307	1.30307	0.483449	0.882069	-1.1337	0.483315	1.13374	1.13374	2.20322	1.0833	0.437059	1
cg05488778	ARHGEF10	0.139867	0.186818	0.798805	-1.25187	0.691585	0.937993	-1.06611	0.259227	0.827821	-1.20799	0.273097	0.832676	-1.20095	0.541762	0.905601	-1.10424	0.0947498	1.34286	1.34286	0.0470822	1.44024	1.44024	0.140317	0.775165	-1.29005	0.306383	0.84366	-1.18531	2.2032	0.899303	0.362826	1
cg14355622	CHN1;CHN1	0.139871	0.635455	0.94781	-1.05506	0.211959	1.15902	1.15902	0.301032	0.886674	-1.12781	0.14692	0.839688	-1.19092	0.047528	0.775381	-1.28969	0.883433	0.983668	-1.0166	0.669879	1.04931	1.04931	0.103321	1.22138	1.22138	0.126912	1.20358	1.20358	2.20317	0.439593	0.177357	1
cg25959472	FBXW11;FBXW11;FBXW11	0.139873	0.0374938	0.315518	-3.16939	0.250237	0.563169	-1.77567	0.659916	0.809279	-1.23567	0.730731	0.847814	-1.1795	0.0565033	0.356364	-2.80612	0.30928	0.604817	-1.65339	0.0188402	0.256753	-3.89479	0.980793	0.988562	-1.01157	0.0741925	0.386439	-2.58773	2.20316	7.9685	3.21498	1
cg19283298	RAP2A	0.139873	0.0992858	0.360516	-2.7738	0.592525	0.737103	-1.35666	0.509982	0.685666	-1.45844	0.425259	1.58367	1.58367	0.0405435	0.263025	-3.80192	0.266993	0.520499	-1.92123	0.029047	0.23392	-4.27497	0.71785	0.814741	-1.22738	0.0497011	0.282495	-3.53989	2.20315	11.1243	4.48824	1
cg12382846	LAMA5	0.139875	0.221456	1.94524	1.94524	0.0330154	3.6355	3.6355	0.178692	2.09531	2.09531	0.616144	1.29913	1.29913	0.0414559	0.295991	-3.37848	0.493614	0.697722	-1.43324	0.614083	1.30115	1.30115	0.937721	1.04129	1.04129	0.253709	1.85359	1.85359	2.20314	9.3531	3.77364	1
cg07865091	MPL	0.139877	0.0370601	3.94681	3.94681	0.0770009	3.04973	3.04973	0.772542	1.17862	1.17862	0.0174729	5.15757	5.15757	0.419622	1.59617	1.59617	0.615194	1.33297	1.33297	0.960828	1.02824	1.02824	0.816544	1.14085	1.14085	0.0543398	3.44906	3.44906	2.20312	11.2198	4.52684	1
cg20292110	PNPO	0.139878	?	?	?	0.170701	2.77794	2.77794	0.161538	2.85233	2.85233	?	?	?	0.143617	3.01691	3.01691	0.18764	2.65436	2.65436	?	?	?	0.103542	0.283817	-3.5234	0.441936	0.582488	-1.71677	2.54834	12.0055	4.71109	1
cg06516947	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.139879	0.094241	9.98465	9.98465	0.0192174	34.5669	34.5669	0.0808625	11.2594	11.2594	0.212069	5.17633	5.17633	0.625356	1.85055	1.85055	0.361709	3.23062	3.23062	0.414453	2.83888	2.83888	0.0502769	16.3011	16.3011	0.0495317	16.4913	16.4913	2.20311	54.5855	22.0236	1
cg15040521	ELP2	0.13988	0.508555	0.643843	-1.55317	0.0094569	0.115429	-8.66331	0.0872314	0.28947	-3.45459	0.535864	1.50921	1.50921	0.219661	0.428538	-2.33351	0.394904	0.564362	-1.77191	0.206234	0.41673	-2.39963	0.359199	1.85696	1.85696	0.689751	0.768405	-1.3014	2.2031	15.0393	6.06793	1
cg18941410	TTC15	0.139885	0.234611	1.43534	1.43534	0.0357124	2.03197	2.03197	0.0169542	2.32739	2.32739	0.341092	0.752332	-1.3292	0.459707	1.24404	1.24404	0.788059	1.0813	1.0813	0.801937	1.07563	1.07563	0.213455	1.46233	1.46233	0.486671	0.814628	-1.22755	2.20306	2.93605	1.18463	1
cg17901382	TSEN54	0.139886	0.58548	0.635582	-1.57336	0.0171736	10.9104	10.9104	0.0216209	9.67718	9.67718	0.586575	0.63644	-1.57124	0.98946	0.989189	-1.01093	0.600733	0.647556	-1.54427	0.641654	0.679979	-1.47063	0.596809	1.55166	1.55166	0.735494	0.756517	-1.32185	2.20306	23.6287	9.5337	1
cg19424343	OXNAD1;DPH3;DPH3	0.139887	0.00522944	0.0651903	-15.3397	0.274502	2.32262	2.32262	0.425316	1.82832	1.82832	0.534415	1.59414	1.59414	0.571455	0.654521	-1.52784	0.828752	0.851677	-1.17415	0.75574	0.79352	-1.26021	0.51175	1.63757	1.63757	0.725024	0.769705	-1.2992	2.20305	19.1662	7.73321	1
cg23829024	HIST1H1A	0.139888	0.0421497	62.929	62.929	0.45925	3.79326	3.79326	0.125088	18.8644	18.8644	0.115175	20.7063	20.7063	0.201475	10.8762	10.8762	0.414989	4.36741	4.36741	0.134426	17.3849	17.3849	0.0294145	93.5293	93.5293	0.0306628	89.3327	89.3327	2.20304	109.217	44.0672	1
cg24579424	PTPN14	0.13989	0.0628325	1.58336	1.58336	0.0185237	0.534183	-1.87202	0.470038	0.850988	-1.1751	0.161358	0.720082	-1.38873	0.852157	0.959867	-1.04181	0.245588	1.30557	1.30557	0.821014	0.951466	-1.05101	0.75752	1.07036	1.07036	0.929199	0.980678	-1.0197	2.20303	1.68186	0.678605	1
cg08628875	TARS	0.13989	0.0643008	2.13892	2.13892	0.778921	1.10842	1.10842	0.820982	0.920447	-1.08643	0.597589	1.21511	1.21511	0.00903522	0.297072	-3.36618	0.774844	0.900419	-1.11059	0.410732	0.735162	-1.36025	0.482777	0.770363	-1.29809	0.661103	0.850996	-1.17509	2.20303	4.66746	1.88325	1
cg10981747	CASP7;CASP7;CASP7;CASP7	0.139891	0.544567	1.13092	1.13092	0.81095	0.953063	-1.04925	0.0837055	1.46816	1.46816	0.472779	0.863725	-1.15778	0.482909	0.866704	-1.1538	0.736978	1.06996	1.06996	0.0265616	1.69452	1.69452	0.589651	1.11542	1.11542	0.0256232	1.7022	1.7022	2.20302	1.40424	0.566592	1
cg12815142	CAMTA2;CAMTA2;CAMTA2;CAMTA2;SPAG7	0.139891	0.101801	0.352623	-2.83589	0.209771	2.15818	2.15818	0.192405	2.2321	2.2321	0.154977	2.42488	2.42488	0.477237	0.656669	-1.52284	0.301683	1.86403	1.86403	0.329687	0.556871	-1.79575	0.0361759	4.12786	4.12786	0.909393	1.0685	1.0685	2.20302	11.8173	4.76811	1
cg16165294	S100A11	0.139894	0.379711	0.910342	-1.09849	0.592642	1.05791	1.05791	0.294983	1.11987	1.11987	0.884579	1.01526	1.01526	0.231128	0.877274	-1.13989	0.0580804	1.25018	1.25018	0.546773	0.938409	-1.06563	0.200741	1.15127	1.15127	0.0214683	1.33373	1.33373	2.20301	0.379131	0.152975	1
cg13251484	PNMA1	0.139894	0.504527	0.920343	-1.08655	0.728886	1.04357	1.04357	0.42252	1.10563	1.10563	0.161093	0.832382	-1.20137	0.441805	0.908344	-1.1009	0.106116	1.24149	1.24149	0.0276957	0.726861	-1.37578	0.184926	0.841694	-1.18808	0.279846	1.14763	1.14763	2.203	0.524183	0.211503	1
cg17343167	N4BP3	0.139895	0.127921	2.45251	2.45251	0.398635	1.60164	1.60164	0.288114	0.548194	-1.82417	0.130401	2.43611	2.43611	0.0978952	2.69048	2.69048	0.795491	1.15209	1.15209	0.0662912	0.325391	-3.07322	0.933948	1.04622	1.04622	0.104424	2.63135	2.63135	2.20299	10.3661	4.18263	1
cg02099148	CDYL	0.139898	0.0982114	0.258136	-3.87393	0.234489	0.394348	-2.53583	0.041818	0.173474	-5.76455	0.434084	0.551026	-1.8148	0.0544606	0.196077	-5.10004	0.0411502	0.172183	-5.80776	0.0956002	0.254884	-3.92336	0.0506615	0.189611	-5.27394	0.297718	0.446621	-2.23904	2.20297	19.4522	7.84887	1
cg06145357	MAGEA8;MAGEA8;MAGEA8	0.139901	0.926443	0.946075	-1.057	0.481356	0.650736	-1.53672	0.599847	0.727758	-1.37408	0.0552818	0.27136	-3.68514	0.148874	0.394804	-2.5329	0.618544	1.35167	1.35167	0.0231514	0.195943	-5.10354	0.980576	0.985492	-1.01472	0.0289246	0.213063	-4.69346	2.20295	12.5736	5.07343	1
cg01903503	KAT2A	0.139902	0.915782	1.03487	1.03487	0.101086	0.55893	-1.78913	0.0236211	0.41662	-2.40027	0.507414	1.24345	1.24345	0.0380182	0.458741	-2.17988	0.201235	0.64578	-1.54851	0.865676	1.05638	1.05638	0.407134	0.759774	-1.31618	0.124091	0.583015	-1.71522	2.20294	3.66234	1.47776	1
cg14457452	CDK5RAP2;CDK5RAP2	0.139902	0.561655	0.866327	-1.1543	0.400167	1.2344	1.2344	0.158392	1.44585	1.44585	0.925607	1.0231	1.0231	0.00778439	2.306	2.306	0.422017	0.818276	-1.22208	0.121839	1.50692	1.50692	0.710039	0.912724	-1.09562	0.562673	1.15386	1.15386	2.20294	2.08609	0.84174	1
cg04208237	SMOC2;SMOC2	0.139903	0.0432441	0.548003	-1.82481	0.626735	1.13516	1.13516	0.879419	0.961492	-1.04005	0.759373	0.923603	-1.08272	0.0483066	0.557834	-1.79265	0.93358	1.0218	1.0218	0.0466771	1.80255	1.80255	0.899819	0.967946	-1.03312	0.26147	0.738659	-1.3538	2.20294	2.33459	0.942012	1
cg15997611	MYST2	0.139904	0.672736	1.10883	1.10883	0.741138	0.922552	-1.08395	0.054456	0.588254	-1.69995	0.229901	1.35841	1.35841	0.181603	0.708351	-1.41173	0.0771061	0.620056	-1.61276	0.82876	0.948692	-1.05408	0.0639091	1.65931	1.65931	0.561874	0.867089	-1.15328	2.20293	2.06297	0.832414	1
cg14322157	GABBR2	0.139907	0.0736979	0.507828	-1.96917	0.443942	1.30377	1.30377	0.206528	0.635842	-1.57272	0.804677	0.919237	-1.08786	0.00731495	0.308714	-3.23924	0.280879	0.683224	-1.46365	0.636872	0.850769	-1.17541	0.751123	1.11421	1.11421	0.422309	0.756863	-1.32124	2.20291	4.03003	1.62614	1
cg05037556	C2orf34	0.139907	0.150149	0.551086	-1.8146	0.0221302	0.346544	-2.88564	0.811019	0.911622	-1.09695	0.606501	1.22225	1.22225	0.37585	0.703943	-1.42057	0.376655	0.704381	-1.41969	0.0176879	0.32809	-3.04794	0.971821	0.986448	-1.01374	0.592457	1.23209	1.23209	2.20291	5.20571	2.10054	1
cg08718230	SOX4;SOX4	0.13991	0.784895	0.964527	-1.03678	0.784129	0.964399	-1.03692	0.911593	0.985445	-1.01477	0.627522	0.937491	-1.06668	0.0176984	0.683297	-1.46349	0.0809749	0.774583	-1.29102	0.513318	0.916207	-1.09146	0.052547	1.33774	1.33774	0.890827	1.01829	1.01829	2.20288	0.608004	0.245336	1
cg26091131	C10orf105;CDH23	0.139911	0.699499	0.906604	-1.10302	0.0859247	0.618945	-1.61565	0.0347304	0.536734	-1.86312	0.225523	0.724872	-1.37955	0.278257	0.752007	-1.32978	0.904027	0.969967	-1.03096	0.0684555	0.597118	-1.67471	0.0159243	0.474141	-2.10908	0.547399	0.857346	-1.16639	2.20288	2.22954	0.899647	1
cg03827337	RGS7BP	0.139911	0.047452	0.569506	-1.75591	0.0706696	0.605615	-1.65121	0.151922	1.4639	1.4639	0.503225	0.844786	-1.18373	0.113841	0.652395	-1.53281	0.616956	0.882319	-1.13338	0.197323	0.712931	-1.40266	0.697504	1.10184	1.10184	0.291103	1.31258	1.31258	2.20287	2.15065	0.867817	1
cg06599939	IFT140;TMEM204	0.139912	0.81909	0.902779	-1.10769	0.105375	2.20313	2.20313	0.691105	1.1952	1.1952	0.277251	1.65613	1.65613	0.0149724	0.263027	-3.80188	0.384506	0.671617	-1.48894	0.156566	0.508373	-1.96706	0.614454	0.797113	-1.25453	0.46258	0.716165	-1.39633	2.20287	6.9538	2.80595	1
cg05850869	ANKLE2	0.139913	0.190421	0.508629	-1.96607	0.445319	0.684315	-1.46131	0.266227	0.568469	-1.75911	0.838072	1.10491	1.10491	0.0182644	0.247399	-4.04206	0.0297977	0.287457	-3.47878	0.109431	0.427012	-2.34185	0.588228	1.3054	1.3054	0.261056	0.56469	-1.77088	2.20286	8.29326	3.34646	1
cg18277754	ALK;ALK	0.139915	0.171706	1.20884	1.20884	0.949894	0.991842	-1.00823	0.0468948	0.743394	-1.34518	0.533419	1.0857	1.0857	0.576729	1.07627	1.07627	0.0247096	1.41706	1.41706	0.429192	0.900147	-1.11093	0.592425	1.07298	1.07298	0.238515	1.17459	1.17459	2.20284	0.592783	0.239199	1
cg13684305	C1orf65	0.139916	0.674703	0.815519	-1.22621	0.460629	1.43749	1.43749	0.0457759	0.330788	-3.02308	0.301386	1.6775	1.6775	0.0564939	0.352338	-2.83818	0.817196	0.894167	-1.11836	0.792147	0.88021	-1.13609	0.0907472	2.4603	2.4603	0.259199	1.76594	1.76594	2.20284	8.14299	3.28586	1
cg09262245	ELF3;ELF3	0.139916	0.0862971	0.340602	-2.93598	0.813625	0.874394	-1.14365	0.051053	0.282823	-3.53578	0.115612	0.378281	-2.64354	0.0328004	0.2419	-4.13393	0.128144	0.392672	-2.54665	0.0672545	0.311748	-3.20772	0.171154	0.436861	-2.28906	0.0915061	0.3478	-2.87521	2.20284	11.2694	4.54744	1
cg11758793	GJD3;GJD3	0.13992	0.103376	5.13842	5.13842	0.114682	4.83697	4.83697	0.426286	2.10939	2.10939	0.0257888	11.3869	11.3869	0.354533	2.39923	2.39923	0.687758	1.44949	1.44949	0.0471342	8.06293	8.06293	0.374412	2.31104	2.31104	0.0255718	11.4425	11.4425	2.20281	29.4527	11.8849	1
cg26247942	CKMT1A	0.139922	0.0767709	2.12137	2.12137	0.786562	0.901491	-1.10927	0.811644	0.912818	-1.09551	0.696201	0.860768	-1.16175	0.30929	0.668957	-1.49486	0.243028	0.627008	-1.59488	0.0194669	0.339866	-2.94234	0.192598	1.6937	1.6937	0.374661	0.705977	-1.41648	2.20279	5.09344	2.05535	1
cg05903444	IRX2;C5orf38;IRX2	0.139927	0.00719256	2.13427	2.13427	0.464322	0.849811	-1.17673	0.400278	1.20701	1.20701	0.736774	0.928935	-1.0765	0.809132	0.948495	-1.0543	0.93977	1.01665	1.01665	0.223597	0.756236	-1.32234	0.587225	1.12724	1.12724	0.171426	1.37461	1.37461	2.20276	1.66578	0.672199	1
cg09472821	D4S234E;D4S234E	0.139928	0.0671735	0.37713	-2.65161	0.062531	0.369224	-2.70839	0.10774	0.434175	-2.30322	0.592558	0.773553	-1.29274	0.0231851	0.275229	-3.63334	0.6634	0.81208	-1.23141	0.0339992	0.308407	-3.24247	0.684774	0.823658	-1.2141	0.679173	0.820624	-1.21858	2.20275	7.88234	3.1808	1
cg10553204	GDF7	0.139929	0.612982	0.692505	-1.44403	0.092284	0.263211	-3.79923	0.699164	0.75598	-1.32279	0.117394	3.40464	3.40464	0.77613	1.22799	1.22799	0.676045	0.738795	-1.35355	0.332134	2.05598	2.05598	0.0140877	8.8731	8.8731	0.678856	1.34975	1.34975	2.20275	18.104	7.30561	1
cg20992002	PKP3	0.13993	0.135661	0.405496	-2.46612	0.336274	0.57321	-1.74456	0.0187222	0.202057	-4.9491	0.117285	0.38484	-2.59848	0.12256	0.390948	-2.55788	0.99522	1.00337	1.00337	0.271828	0.526211	-1.90038	0.0220709	0.214195	-4.66864	0.363201	0.591833	-1.68967	2.20274	10.9911	4.43532	1
cg04237003	C11orf9;DKFZP434K028;C11orf9	0.13993	0.126861	3.55421	3.55421	0.665352	1.39685	1.39685	0.232067	0.381912	-2.6184	0.229045	2.63646	2.63646	0.114722	3.73375	3.73375	0.351553	2.08824	2.08824	0.0314022	6.94961	6.94961	0.0698218	4.74511	4.74511	0.102538	3.94351	3.94351	2.20273	20.5776	8.30386	1
cg23246095	DPP4	0.13993	0.269091	0.682862	-1.46443	0.078397	1.9117	1.9117	0.422268	0.762097	-1.31217	0.172394	0.617946	-1.61827	0.0591102	0.493464	-2.02649	0.777116	0.910227	-1.09863	0.029415	0.427354	-2.33998	0.916553	0.965861	-1.03535	0.445303	0.772693	-1.29418	2.20273	3.83209	1.5464	1
cg17091456	ELOVL5	0.139934	0.650555	0.838997	-1.1919	0.0537381	0.430353	-2.32368	0.174747	0.573699	-1.74307	0.699983	0.861523	-1.16074	0.489259	1.3105	1.3105	0.060814	2.25593	2.25593	0.746593	1.13293	1.13293	0.060351	2.26006	2.26006	0.898232	1.05049	1.05049	2.20271	5.1696	2.08616	1
cg03567939	PRKAG2;PRKAG2	0.139934	0.0537078	0.264305	-3.7835	0.491764	1.52829	1.52829	0.647727	0.756206	-1.32239	0.0644496	0.283141	-3.53181	0.146271	0.387782	-2.57877	0.111154	2.8695	2.8695	0.200481	0.439823	-2.27364	0.171804	0.413305	-2.41952	0.424931	0.609602	-1.64042	2.20271	12.8717	5.19428	1
cg19363889	SLC14A1;SLC14A1;SLC14A1;SLC14A1	0.139936	0.211693	0.438163	-2.28225	0.225697	0.450249	-2.22099	0.11324	0.339252	-2.94766	0.253661	2.11205	2.11205	0.0310492	0.204417	-4.89197	0.20452	0.431837	-2.31569	0.0331509	0.209719	-4.76827	0.645565	0.747923	-1.33704	0.303768	0.512723	-1.95037	2.20269	13.7223	5.5376	1
cg12866648	NKX3-1	0.139937	0.191862	0.552953	-1.80847	0.382813	0.681263	-1.46786	0.666028	0.830093	-1.20468	0.0558038	2.53261	2.53261	0.810016	0.90187	-1.10881	0.854811	0.924454	-1.08172	0.0119468	0.260513	-3.83858	0.790315	0.892001	-1.12107	0.766728	1.13608	1.13608	2.20268	6.41575	2.58906	1
cg14234176	SCRIB;SCRIB	0.13994	0.168714	1.46373	1.46373	0.440501	1.22673	1.22673	0.202399	1.41855	1.41855	0.642699	0.885706	-1.12904	0.071742	1.68591	1.68591	0.0359676	1.88476	1.88476	0.091073	1.62177	1.62177	0.0315133	1.92552	1.92552	0.166173	1.46751	1.46751	2.20266	2.35434	0.950099	1
cg00414171	TEKT1	0.139942	0.455126	1.17159	1.17159	0.41269	0.840009	-1.19046	0.143434	1.38719	1.38719	0.0595038	1.557	1.557	0.594434	1.11836	1.11836	0.17509	1.35014	1.35014	0.046244	0.621663	-1.60859	0.215605	1.31168	1.31168	0.672323	0.915248	-1.0926	2.20265	1.51167	0.610041	1
cg18354764	DUSP18	0.139942	0.763872	0.945563	-1.05757	0.919196	0.981323	-1.01903	0.00677173	1.91955	1.91955	0.886772	1.02682	1.02682	0.557393	1.11655	1.11655	0.785013	0.950465	-1.05212	0.153288	0.752683	-1.32858	0.993805	1.00144	1.00144	0.15981	1.3219	1.3219	2.20264	1.20423	0.485973	1
cg10786876	EEF1A2	0.139943	0.167103	4.2612	4.2612	0.0118997	21.9663	21.9663	0.0160577	18.1764	18.1764	0.864394	1.18321	1.18321	0.404484	2.31523	2.31523	0.654276	1.55837	1.55837	0.242515	3.33273	3.33273	0.44951	2.13494	2.13494	0.809981	1.26754	1.26754	2.20264	33.7908	13.6365	1
cg12198254	ATG7;ATG7;ATG7	0.139945	0.901947	0.981551	-1.0188	0.472257	1.1168	1.1168	0.88955	1.02122	1.02122	0.163159	0.798608	-1.25218	0.764371	1.04646	1.04646	0.694135	0.942035	-1.06153	0.00519242	1.74601	1.74601	0.795454	1.04003	1.04003	0.334285	1.16236	1.16236	2.20263	0.796295	0.321351	1
cg06908052	RPTOR;RPTOR	0.139946	0.459691	1.30534	1.30534	0.767564	1.11061	1.11061	0.393029	0.733661	-1.36303	0.820794	0.92283	-1.08362	0.164148	0.591281	-1.69124	0.0539408	0.460955	-2.16941	0.967819	1.01438	1.01438	0.768218	0.90068	-1.11027	0.00867759	0.306032	-3.26763	2.20262	4.37067	1.76383	1
cg19584957	TTLL10;TTLL10	0.139953	0.175278	0.615488	-1.62473	0.138679	1.71035	1.71035	0.932227	1.02905	1.02905	0.818493	0.925523	-1.08047	0.0206441	0.391211	-2.55616	0.500348	1.25902	1.25902	0.124196	1.75161	1.75161	0.313795	0.704147	-1.42016	0.665082	0.863593	-1.15795	2.20256	3.95476	1.59602	1
cg18685243	SLC26A10	0.139957	0.352595	0.390205	-2.56275	0.0622774	7.88314	7.88314	0.499683	1.96227	1.96227	0.390746	2.37548	2.37548	0.171484	0.238756	-4.18838	0.162342	4.33899	4.33899	0.51323	0.52082	-1.92005	0.275884	3.05003	3.05003	0.0366366	10.9027	10.9027	2.20254	33.7648	13.6266	1
cg05092459	RPSA;RPSA	0.139961	0.105529	0.70827	-1.41189	0.593644	1.11077	1.11077	0.0559692	0.655533	-1.52548	0.365096	1.19904	1.19904	0.238257	1.27246	1.27246	0.611268	0.904854	-1.10515	0.0601022	1.51236	1.51236	0.340452	0.825615	-1.21122	0.430376	0.854704	-1.17	2.20251	1.32722	0.535639	1
cg09070316	CACHD1	0.139964	0.744187	0.873396	-1.14496	0.212244	1.7215	1.7215	0.713021	0.858369	-1.165	0.729417	0.866274	-1.15437	0.00966923	0.258315	-3.87124	0.275341	1.59866	1.59866	0.638512	1.21606	1.21606	0.698997	0.851604	-1.17425	0.113306	0.49046	-2.0389	2.20248	5.96175	2.40607	1
cg25522232	LRRC14B	0.139969	0.881161	1.02415	1.02415	0.0375734	1.46933	1.46933	0.0486526	1.43218	1.43218	0.175082	0.794511	-1.25864	0.805502	1.04013	1.04013	0.302321	1.18582	1.18582	0.0792341	1.3645	1.3645	0.346089	1.16738	1.16738	0.140133	1.2881	1.2881	2.20245	0.887416	0.358153	1
cg06238316	ZNF714	0.139969	0.19175	0.358719	-2.78769	0.367482	0.503202	-1.98728	0.821938	0.846011	-1.18202	0.208191	0.373672	-2.67614	0.102421	3.76547	3.76547	0.929624	1.06773	1.06773	0.0268324	6.9975	6.9975	0.233374	0.395766	-2.52674	0.469848	1.7254	1.7254	2.20245	19.1972	7.74782	1
cg11273000	MIER2	0.139972	0.0205491	0.112932	-8.85489	0.208547	0.354776	-2.81868	0.633892	0.687271	-1.45503	0.621484	0.677722	-1.47553	0.0187113	0.107821	-9.27464	0.309511	0.439538	-2.27511	0.330897	0.456493	-2.19062	0.776214	0.800306	-1.24952	0.046645	0.168516	-5.93415	2.20243	21.3113	8.60113	1
cg12065670	HSD11B1	0.139972	0.820103	0.933475	-1.07127	0.750004	0.907906	-1.10144	0.211218	0.671603	-1.48897	0.629649	0.863424	-1.15818	0.0143283	0.401487	-2.49074	0.477032	0.803712	-1.24426	0.0980722	0.57786	-1.73052	0.185667	1.52827	1.52827	0.0835065	0.560484	-1.78417	2.20243	3.18606	1.28588	1
cg06354398	HLA-H	0.139972	0.254266	2.02969	2.02969	0.631649	0.750348	-1.33272	0.890527	0.921374	-1.08534	0.59402	1.37701	1.37701	0.691211	1.26796	1.26796	0.171756	2.37518	2.37518	0.00484613	9.22152	9.22152	0.147776	2.51789	2.51789	0.382219	1.70384	1.70384	2.20242	12.3337	4.97784	1
cg21158528	TRAF5;TRAF5	0.139974	0.0275477	0.220002	-4.54541	0.809562	0.869122	-1.15059	0.0303179	0.22779	-4.39001	0.765077	0.840204	-1.19019	0.0324568	0.233488	-4.28288	0.652976	0.768773	-1.30077	0.26092	0.506002	-1.97628	0.123603	0.379464	-2.63529	0.191478	0.447777	-2.23326	2.20242	11.7743	4.75208	1
cg16043190	CNOT6L	0.139975	0.489504	0.883917	-1.13133	0.222863	1.25249	1.25249	0.360549	1.17964	1.17964	0.888291	1.02501	1.02501	0.413727	1.15819	1.15819	0.841331	0.965384	-1.03586	0.00814003	0.551359	-1.8137	0.690288	1.07293	1.07293	0.263057	1.22763	1.22763	2.2024	1.07756	0.434901	1
cg09455118	NTM	0.139978	0.0758094	3.9707	3.9707	0.656771	1.36627	1.36627	0.0961486	3.57854	3.57854	0.713786	1.29311	1.29311	0.212981	2.49734	2.49734	0.709462	0.770159	-1.29843	0.0250951	0.155784	-6.41916	0.313489	2.06977	2.06977	0.657923	1.36473	1.36473	2.20238	16.9844	6.85495	1
cg24876577	CAMTA1	0.139978	0.393466	1.79468	1.79468	0.00571922	11.2925	11.2925	0.0680669	3.92381	3.92381	0.486688	0.623227	-1.60455	0.976282	0.980307	-1.02009	0.741808	1.24757	1.24757	0.387352	1.80905	1.80905	0.710754	1.28302	1.28302	0.846738	0.878567	-1.13822	2.20238	15.6132	6.30154	1
cg04657044	ITM2B	0.139981	0.653217	1.45114	1.45114	0.00629637	18.7225	18.7225	0.102314	4.35787	4.35787	0.963391	1.03851	1.03851	0.30867	0.420018	-2.38085	0.750078	1.30097	1.30097	0.450365	1.88366	1.88366	0.189063	3.14403	3.14403	0.864774	1.15066	1.15066	2.20236	23.6431	9.54251	1
cg11740878	ZNF582	0.139981	0.339387	1.23125	1.23125	0.0211793	1.79579	1.79579	0.491836	1.15893	1.15893	0.0931718	1.47724	1.47724	0.777452	1.06169	1.06169	0.552565	1.13534	1.13534	0.115645	0.696763	-1.43521	0.530563	0.874403	-1.14364	0.122723	1.42377	1.42377	2.20236	1.55676	0.628319	1
cg19206667	MFN1	0.139982	0.77655	0.87972	-1.13673	0.799006	0.891442	-1.12178	0.646565	1.23113	1.23113	0.680765	0.830015	-1.2048	0.167658	0.515646	-1.93932	0.456261	0.710544	-1.40737	0.00372563	0.171296	-5.83784	0.588859	1.27859	1.27859	0.852129	0.919395	-1.08767	2.20236	7.0748	2.85545	1
cg23329902	C22orf13;SNRPD3	0.139988	0.428262	0.877681	-1.13937	0.118188	1.31479	1.31479	0.0682508	1.3901	1.3901	0.550491	0.907148	-1.10236	0.409536	1.14576	1.14576	0.92667	0.985259	-1.01496	0.0215508	0.640632	-1.56096	0.681853	1.06876	1.06876	0.605684	1.08764	1.08764	2.20231	0.907803	0.366404	1
cg14837635	C1orf203;ATP1A1;ATP1A1;ATP1A1;C1orf203	0.139988	0.53252	1.13718	1.13718	0.0803325	0.674051	-1.48357	0.442409	0.852778	-1.17264	0.733372	0.932837	-1.072	0.503492	0.871056	-1.14803	0.719844	1.07598	1.07598	0.402477	1.19032	1.19032	0.0151848	1.83386	1.83386	0.221987	0.770287	-1.29822	2.20231	1.4421	0.582057	1
cg22395671	TM2D1;TM2D1	0.139989	0.250212	0.81712	-1.22381	0.0372316	1.50151	1.50151	0.0602442	1.42793	1.42793	0.83726	0.96602	-1.03517	0.713512	0.9399	-1.06394	0.425793	1.14648	1.14648	0.101566	0.739854	-1.35162	0.505614	1.12023	1.12023	0.439794	0.87596	-1.1416	2.2023	0.985461	0.397751	1
cg11978634	ENOX1;ENOX1	0.139994	0.182886	0.49039	-2.03919	0.0957062	2.51582	2.51582	0.166198	2.10501	2.10501	0.795518	1.13989	1.13989	0.642054	0.789781	-1.26617	0.444966	0.675323	-1.48077	0.0346929	0.289006	-3.46013	0.546315	0.73506	-1.36043	0.127774	0.435993	-2.29361	2.20226	8.86505	3.57816	1
cg16530165	NPPC	0.139995	0.11191	1.94821	1.94821	0.47508	1.32289	1.32289	0.986529	1.00653	1.00653	0.0410543	2.4799	2.4799	0.113942	0.515556	-1.93965	0.699858	0.861366	-1.16095	0.152172	1.80568	1.80568	0.0888287	2.06076	2.06076	0.540951	0.787857	-1.26927	2.20226	5.17663	2.08942	1
cg08228724	FUBP1	0.139999	0.626474	1.11496	1.11496	0.437832	1.19195	1.19195	0.101452	1.48864	1.48864	0.14953	1.40895	1.40895	0.0388691	0.588257	-1.69994	0.291667	1.27475	1.27475	0.679	1.09672	1.09672	0.124385	0.691327	-1.44649	0.474054	0.850835	-1.17532	2.20222	1.7169	0.692995	1
cg05819205	RBM9;RBM9	0.140002	0.0343279	1.79969	1.79969	0.508875	1.17293	1.17293	0.0409481	1.75331	1.75331	0.151627	0.693743	-1.44146	0.396464	0.81328	-1.22959	0.875661	1.03797	1.03797	0.210584	0.73052	-1.36889	0.932572	1.02035	1.02035	0.880584	1.03643	1.03643	2.20221	1.97595	0.797561	1
cg10495606	PRKCE	0.140009	0.573889	0.895478	-1.11672	0.15849	1.34029	1.34029	0.544487	1.12657	1.12657	0.19557	1.30468	1.30468	0.359661	0.832777	-1.2008	0.085208	1.44737	1.44737	0.0111671	1.85507	1.85507	0.719052	1.07271	1.07271	0.830212	0.959135	-1.04261	2.20215	1.31666	0.531464	1
cg08877148	PRICKLE2	0.140011	0.671354	1.14296	1.14296	0.134741	1.65675	1.65675	0.0772319	1.84977	1.84977	0.407836	0.76715	-1.30353	0.492389	0.803888	-1.24396	0.393896	1.31445	1.31445	0.0285855	2.24496	2.24496	0.415731	0.770715	-1.2975	0.228579	0.673255	-1.48532	2.20214	3.41873	1.37996	1
cg21005948	KIAA0427;KIAA0427	0.140019	0.742924	1.06812	1.06812	0.059283	1.53162	1.53162	0.579841	1.11847	1.11847	0.0832238	1.46811	1.46811	0.757869	1.06387	1.06387	0.0444578	1.58742	1.58742	0.0604453	0.654482	-1.52793	0.918288	1.02076	1.02076	0.662934	1.09178	1.09178	2.20208	1.39813	0.564368	1
cg23542968	SFTA3	0.140021	0.217098	0.498405	-2.0064	0.550066	1.38299	1.38299	0.0993174	2.63463	2.63463	0.633375	0.772853	-1.29391	0.137091	0.423722	-2.36004	0.148506	0.435625	-2.29555	0.145179	0.432211	-2.31368	0.0772086	2.86762	2.86762	0.738482	1.19682	1.19682	2.20207	10.0273	4.04764	1
cg13506281	MTUS2	0.140022	0.61427	0.651968	-1.53382	0.785552	1.25806	1.25806	0.640512	0.673086	-1.48569	0.789017	0.797916	-1.25327	0.922897	0.921745	-1.0849	0.385755	0.473098	-2.11373	0.023669	9.71544	9.71544	0.0224682	0.100131	-9.98692	0.31746	0.419023	-2.3865	2.20206	24.71	9.97452	1
cg19319228	MYCL1;MYCL1;MYCL1	0.140023	0.125281	0.780739	-1.28084	0.207125	1.21952	1.21952	0.490989	1.11	1.11	0.83618	1.03137	1.03137	0.874519	0.9767	-1.02386	0.259683	0.839119	-1.19173	0.0308685	1.4596	1.4596	0.539143	1.09719	1.09719	0.0571261	1.37861	1.37861	2.20205	0.77611	0.313287	1
cg16708880	RND1	0.140023	0.0743855	0.333247	-3.00077	0.0668386	0.321186	-3.11346	0.0845542	0.34834	-2.87076	0.22638	0.495525	-2.01806	0.0579189	0.305752	-3.27063	0.210149	0.481917	-2.07505	0.0202275	0.212705	-4.70134	0.269649	0.529719	-1.88779	0.152595	0.428747	-2.33238	2.20205	10.6561	4.30147	1
cg19721717	MYO5C	0.140025	0.228685	0.806421	-1.24005	0.172148	0.780749	-1.28082	0.992939	0.998494	-1.00151	0.765257	0.950283	-1.05232	0.281164	0.826332	-1.21017	0.913763	0.981721	-1.01862	0.0159029	1.65348	1.65348	0.450463	0.877259	-1.13991	0.148923	1.30163	1.30163	2.20203	1.01149	0.408305	1
cg24408199	EIF2B5	0.140026	0.542974	0.903926	-1.10628	0.308928	1.18855	1.18855	0.112876	1.32721	1.32721	0.167742	0.785692	-1.27276	0.037818	0.67362	-1.48452	0.531003	0.901136	-1.10971	0.536227	1.10821	1.10821	0.364402	1.1652	1.1652	0.128227	1.30961	1.30961	2.20203	0.938447	0.37882	1
cg14273450	C2orf39	0.140026	0.677226	0.548435	-1.82337	0.170095	8.13985	8.13985	0.463575	2.91707	2.91707	0.726356	0.603987	-1.65566	0.329888	0.236255	-4.23272	0.0526472	23.6013	23.6013	0.811685	0.709992	-1.40847	0.0276604	41.9305	41.9305	0.0812453	16.0158	16.0158	2.20203	71.8138	28.9889	1
cg27274426	VPS24;VPS24	0.140029	0.852086	0.93328	-1.07149	0.75937	0.892567	-1.12036	0.263579	0.649776	-1.53899	0.405176	1.37034	1.37034	0.00396226	0.2385	-4.19287	0.863693	0.938414	-1.06563	0.538487	0.794226	-1.25909	0.459074	0.756633	-1.32164	0.573105	1.23445	1.23445	2.20201	4.77254	1.92654	1
cg09760574	C20orf152	0.140033	0.111385	0.45094	-2.21759	0.907953	0.948266	-1.05456	0.148582	0.490864	-2.03723	0.0369288	0.328588	-3.04333	0.0176581	0.265654	-3.7643	0.126329	0.467866	-2.13736	0.190077	0.528682	-1.8915	0.121359	0.462388	-2.16269	0.212323	0.546988	-1.82819	2.20198	7.35596	2.96944	1
cg11386818	SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP	0.140034	0.758522	0.974937	-1.02571	0.153037	1.13424	1.13424	0.941976	1.00601	1.00601	0.299552	0.915305	-1.09253	0.0753223	0.849596	-1.17703	0.610339	1.04321	1.04321	0.0969354	0.86073	-1.1618	0.0241757	0.801513	-1.24764	0.345921	0.923209	-1.08318	2.20197	0.236295	0.0953873	1
cg23887948	STRA6;STRA6;STRA6;STRA6;STRA6	0.140036	0.803241	0.873988	-1.14418	0.0147079	0.197886	-5.05342	0.0449903	0.28903	-3.45985	0.110649	0.391469	-2.55448	0.920101	0.947308	-1.05562	0.678492	1.25219	1.25219	0.1228	0.40573	-2.46469	0.139569	0.424112	-2.35787	0.465241	0.669676	-1.49326	2.20196	10.1512	4.09783	1
cg00585846	NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1;NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1	0.140037	0.216541	0.866407	-1.15419	0.232727	0.871102	-1.14797	0.263739	0.879438	-1.13709	0.477487	0.923443	-1.0829	0.644394	1.05259	1.05259	0.998952	0.999855	-1.00014	0.00620544	0.674695	-1.48215	0.333035	1.11641	1.11641	0.945825	1.00752	1.00752	2.20195	0.424092	0.171199	1
cg16648355	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.140037	0.63504	0.741949	-1.3478	0.640025	1.34181	1.34181	0.103936	3.03393	3.03393	0.296322	0.508669	-1.96592	0.666015	0.762561	-1.31137	0.59978	0.718558	-1.39168	0.00941581	7.80441	7.80441	0.205904	2.30007	2.30007	0.818109	1.15465	1.15465	2.20195	13.5892	5.48574	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02359589	PER1	0.140038	0.757728	1.11234	1.11234	0.0167199	2.73221	2.73221	0.0702149	2.00662	2.00662	0.319241	1.42503	1.42503	0.268453	0.672587	-1.4868	0.327699	0.706339	-1.41575	0.351053	1.39134	1.39134	0.250861	1.51112	1.51112	0.679551	0.866814	-1.15365	2.20194	4.12931	1.66694	1
cg00795205	PRKCB;PRKCB	0.140039	0.156369	0.341208	-2.93076	0.279867	2.21815	2.21815	0.914223	1.07941	1.07941	0.486252	0.605483	-1.65157	0.0114755	0.106154	-9.42032	0.466815	0.591481	-1.69067	0.0444964	0.194678	-5.13669	0.715217	0.771154	-1.29676	0.515283	0.626329	-1.5966	2.20193	17.5392	7.08031	1
cg05321339	RFX5;RFX5	0.140041	0.553473	1.05818	1.05818	0.737518	1.03224	1.03224	0.374192	0.917549	-1.08986	0.188362	1.14052	1.14052	0.258914	1.11752	1.11752	0.014535	1.32841	1.32841	0.201795	0.880601	-1.13559	0.779654	1.02681	1.02681	0.0923465	1.19096	1.19096	2.20192	0.310345	0.125283	1
cg24743229	FAM40A	0.140043	0.312714	1.11302	1.11302	0.0928769	1.20874	1.20874	0.0204141	1.3318	1.3318	0.643124	1.04901	1.04901	0.217917	1.14214	1.14214	0.0748506	0.815917	-1.22562	0.45732	1.0807	1.0807	0.910042	1.01166	1.01166	0.329548	1.10869	1.10869	2.2019	0.366658	0.148017	1
cg08016310	MED25	0.140046	0.358018	0.640415	-1.56149	0.756395	0.864673	-1.15651	0.585299	1.29444	1.29444	0.772971	0.873593	-1.1447	0.572932	0.765772	-1.30587	?	?	?	0.00989588	5.28002	5.28002	0.15143	2.08708	2.08708	0.561723	1.31645	1.31645	2.50167	7.30688	2.1906	1
cg11415739	TRAF5;TRAF5	0.140049	0.157036	0.551933	-1.81181	0.0270958	0.357908	-2.79401	0.0311402	0.370337	-2.70024	0.303845	0.658228	-1.51923	0.0561196	0.427606	-2.3386	0.333989	0.676171	-1.47892	0.499434	0.763967	-1.30896	0.761239	0.887206	-1.12713	0.0524575	0.420625	-2.37741	2.20186	5.37785	2.17103	1
cg23716141	SEPT9;SEPT9;SEPT9	0.140053	0.0697917	0.18259	-5.47674	0.789517	0.799019	-1.25154	0.642366	0.675566	-1.48024	0.202559	0.323605	-3.09019	0.152724	0.276814	-3.61253	0.230774	0.348447	-2.86988	0.0070314	0.0538113	-18.5835	0.338889	0.437487	-2.28578	0.108707	0.230566	-4.33715	2.20183	24.5256	9.90108	1
cg11945717	LARGE;LARGE	0.140053	0.842351	0.966966	-1.03416	0.0573767	1.43708	1.43708	0.11398	1.33651	1.33651	0.0297303	0.64948	-1.53969	0.626967	1.08613	1.08613	0.381032	0.859359	-1.16366	0.303856	0.83557	-1.19679	0.558564	1.10494	1.10494	0.805815	0.959303	-1.04242	2.20183	0.992337	0.400611	1
cg12141662	PRDM16;PRDM16	0.140053	0.106653	0.320319	-3.12189	0.0188158	0.158946	-6.29145	0.111116	0.325743	-3.0699	0.130012	0.347529	-2.87746	0.0684602	0.267627	-3.73654	0.128522	0.345873	-2.89123	0.417299	0.585268	-1.70862	0.0883123	0.296621	-3.37131	0.0945974	0.305021	-3.27846	2.20183	14.5636	5.87941	1
cg13305246	SAMD13;SAMD13;SAMD13	0.140059	0.0787042	0.527317	-1.89639	0.0283844	2.33485	2.33485	?	?	?	0.742169	1.11426	1.11426	0.237138	1.50065	1.50065	0.627417	0.851892	-1.17386	0.164205	0.614811	-1.62652	0.627334	0.851859	-1.1739	0.642488	0.857949	-1.16557	2.22059	3.35762	1.51204	1
cg19100884	RASA3	0.140061	0.956628	0.988076	-1.01207	0.461539	1.17979	1.17979	0.0340988	0.579583	-1.72538	0.749662	0.931825	-1.07316	0.732978	0.927249	-1.07846	0.196612	0.73998	-1.35139	0.232368	1.31817	1.31817	0.0325804	1.73621	1.73621	0.67553	0.91133	-1.0973	2.20177	1.69646	0.684889	1
cg20684879	LPPR3	0.140062	0.126781	0.676348	-1.47853	0.411634	1.2199	1.2199	0.58184	0.876612	-1.14076	0.33626	1.2646	1.2646	0.00734517	0.441244	-2.26632	0.562613	0.870579	-1.14866	0.849194	1.0461	1.0461	0.633549	1.12044	1.12044	0.439435	0.829691	-1.20527	2.20176	1.95487	0.789216	1
cg12624825	LOC100128076	0.140062	0.565894	0.786975	-1.27069	0.169142	0.546248	-1.83067	0.742527	0.872776	-1.14577	0.428865	1.39568	1.39568	0.00644456	0.231667	-4.31655	0.677708	1.18829	1.18829	0.377813	0.688297	-1.45286	0.106785	0.483427	-2.06856	0.515002	0.761456	-1.31327	2.20176	5.94179	2.3988	1
cg12560192	DIDO1	0.140063	0.411027	0.797452	-1.25399	0.958356	1.01416	1.01416	0.583688	0.861567	-1.16068	0.0162776	0.453375	-2.20568	0.0108467	0.422589	-2.36636	0.574694	0.858429	-1.16492	0.989545	0.996478	-1.00353	0.353018	0.773136	-1.29343	0.252769	0.724975	-1.37936	2.20176	2.5278	1.02052	1
cg19899961	UBA1;UBA1	0.140063	0.11071	0.540542	-1.85	0.0398832	0.431349	-2.31831	0.528407	0.797648	-1.25369	0.712752	0.877313	-1.13984	0.651849	0.851486	-1.17442	0.141164	0.571116	-1.75096	0.560361	1.23173	1.23173	0.146549	1.73603	1.73603	0.128989	1.78728	1.78728	2.20176	4.3691	1.76389	1
cg05379597	CAMK2G;CAMK2G;CAMK2G;CAMK2G;CAMK2G	0.140063	0.36922	0.710492	-1.40748	0.116232	1.88265	1.88265	0.584536	1.22709	1.22709	0.370791	0.711331	-1.40582	0.0405839	0.416275	-2.40226	0.957495	0.98044	-1.01995	0.0598363	0.455191	-2.19688	?	?	?	0.209939	0.612805	-1.63184	2.22056	4.29424	1.93386	1
cg24145481	KRTAP25-1	0.140066	0.0463037	0.187459	-5.33449	0.0913135	0.25568	-3.91115	0.521018	0.620582	-1.61139	0.0815519	0.242723	-4.11992	0.0278823	0.148705	-6.72474	0.818084	1.18409	1.18409	0.737891	1.27931	1.27931	0.597725	0.676688	-1.47779	0.0816377	0.242841	-4.11793	2.20174	18.7566	7.57245	1
cg09333812	ARHGAP19	0.14007	0.0742301	0.648639	-1.54169	0.478201	1.16988	1.16988	0.948916	1.01404	1.01404	0.665686	0.909741	-1.09921	0.547724	1.14154	1.14154	0.255847	1.29449	1.29449	0.0124552	0.508302	-1.96733	0.225425	0.758025	-1.31922	0.610113	0.894127	-1.11841	2.20171	1.65119	0.666632	1
cg05127636	MAN1C1	0.140073	0.462064	0.694637	-1.4396	0.018	0.246903	-4.05017	0.0151149	0.233889	-4.27553	0.880765	0.929554	-1.07578	0.126157	0.446938	-2.23744	0.491758	0.711881	-1.40473	0.153063	0.474887	-2.10576	0.195017	0.513197	-1.94857	0.618311	0.783126	-1.27693	2.20168	8.25921	3.33451	1
cg01106354	PLA2G15	0.140076	0.218661	0.77397	-1.29204	0.739735	1.06825	1.06825	0.424417	0.850819	-1.17534	0.925091	0.981548	-1.0188	0.295009	0.80648	-1.23996	0.196161	0.76286	-1.31086	0.0175003	0.563989	-1.77308	0.0165026	0.559834	-1.78624	0.986687	1.00331	1.00331	2.20166	1.36757	0.552135	1
cg23235241	HS3ST4	0.140078	0.0580057	3.86897	3.86897	0.184651	2.43123	2.43123	0.0539988	3.97914	3.97914	0.722547	1.25245	1.25245	0.689467	0.775996	-1.28867	0.256465	0.473368	-2.11252	0.968734	1.02506	1.02506	0.0439371	4.31419	4.31419	0.1629	2.56122	2.56122	2.20165	13.9014	5.61252	1
cg26810157	TCF12;TCF12;TCF12;TCF12;TCF12	0.14008	0.0376654	0.276317	-3.61904	0.769791	0.855091	-1.16947	0.368165	0.610723	-1.6374	0.603434	0.756104	-1.32257	0.0144874	0.200477	-4.9881	0.424721	0.647334	-1.5448	0.0600228	0.322455	-3.10121	0.768157	1.17081	1.17081	0.130501	0.418456	-2.38973	2.20163	9.92327	4.00643	1
cg13413247	MAD1L1;MAD1L1;MAD1L1	0.140081	0.0268649	0.616954	-1.62087	0.0640706	1.46717	1.46717	0.707754	1.07183	1.07183	0.96695	0.992397	-1.00766	0.104522	0.721183	-1.38661	0.422174	0.859818	-1.16304	0.235566	1.25733	1.25733	0.659798	0.921639	-1.08502	0.865237	1.03178	1.03178	2.20163	1.18322	0.477715	1
cg22156600	COMMD1	0.140081	0.391852	0.89182	-1.1213	0.305535	1.14851	1.14851	0.883392	1.01934	1.01934	0.253911	1.16823	1.16823	0.0126652	0.667358	-1.49845	0.815487	1.03098	1.03098	0.106832	0.794717	-1.25831	0.228995	0.8481	-1.17911	0.489565	0.912461	-1.09594	2.20162	0.593906	0.239785	1
cg13763876	TMPRSS13	0.140083	0.0705447	0.394743	-2.5333	0.0468608	0.351174	-2.84759	0.132066	0.473519	-2.11185	0.0858914	0.417724	-2.39392	0.0224155	0.284195	-3.51871	0.73196	0.853739	-1.17132	0.120926	0.461395	-2.16734	0.670657	0.821408	-1.21742	0.147365	0.489165	-2.0443	2.20161	7.37574	2.97792	1
cg15630950	HLA-DOA	0.140086	0.0547164	0.32808	-3.04803	0.205002	1.9817	1.9817	0.569916	1.34136	1.34136	0.491472	0.699504	-1.42958	0.179435	0.482238	-2.07366	0.32117	0.592018	-1.68914	0.987421	0.991969	-1.0081	0.0684463	0.352296	-2.83852	0.0410327	0.299422	-3.33977	2.20159	9.1209	3.68255	1
cg08633313	L3MBTL;L3MBTL	0.140087	0.434014	1.38649	1.38649	0.643898	0.826508	-1.20991	0.309143	1.53856	1.53856	0.717337	1.16047	1.16047	0.475029	1.3463	1.3463	0.927629	1.03789	1.03789	0.00437288	4.75023	4.75023	0.536876	0.774163	-1.29172	0.443093	0.72607	-1.37728	2.20158	5.84264	2.35897	1
cg00459129	TM7SF3	0.140089	0.360406	1.08365	1.08365	0.0227628	0.792233	-1.26225	0.226498	1.11461	1.11461	0.0689482	0.840378	-1.18994	0.34904	0.92093	-1.08586	0.202996	1.12168	1.12168	0.733594	0.971232	-1.02962	0.861169	1.01507	1.01507	0.621929	0.95842	-1.04338	2.20156	0.254556	0.102778	1
cg21164727	C9orf89	0.140089	0.137273	1.82973	1.82973	0.594212	1.22504	1.22504	0.138854	1.82465	1.82465	0.923005	1.03717	1.03717	0.486484	0.765742	-1.30592	0.32486	0.681289	-1.46781	0.0143022	0.319738	-3.12756	0.791913	1.10496	1.10496	0.437668	1.34831	1.34831	2.20156	4.9683	2.00597	1
cg20610545	WNK1	0.140093	0.361534	1.50104	1.50104	?	?	?	0.0218143	0.303628	-3.29351	0.150813	0.513372	-1.94791	0.336396	0.651016	-1.53606	0.797191	1.11797	1.11797	0.058575	0.396418	-2.52259	0.949053	1.02806	1.02806	0.542339	1.30614	1.30614	2.22034	5.86143	2.63988	1
cg12914096	RAB28;RAB28;RAB28;RAB28;RAB28;RAB28	0.140093	0.675226	1.08071	1.08071	0.0119096	1.78264	1.78264	0.52462	1.1261	1.1261	0.496966	0.880709	-1.13545	0.319503	1.20862	1.20862	0.275193	1.23257	1.23257	0.166619	0.762136	-1.3121	0.706253	0.932636	-1.07223	0.119294	1.36529	1.36529	2.20154	1.1829	0.477607	1
cg04649627	FBXL19;ORAI3	0.140093	0.760073	1.03097	1.03097	0.0769478	1.21633	1.21633	0.481125	1.07391	1.07391	0.42236	1.08503	1.08503	0.84695	1.01943	1.01943	0.786938	1.02734	1.02734	0.0156759	0.744581	-1.34304	0.276881	0.893501	-1.11919	0.234208	1.13221	1.13221	2.20154	0.345686	0.139574	1
cg24670445	BTBD18	0.140095	0.577238	0.805046	-1.24217	0.833815	1.08427	1.08427	0.266097	0.640027	-1.56243	0.0874155	2.06816	2.06816	0.185906	0.582687	-1.71619	0.930021	0.966741	-1.0344	0.33029	1.47235	1.47235	0.0176495	3.0392	3.0392	0.521464	0.778617	-1.28433	2.20152	5.1707	2.08773	1
cg26203839	DENND3	0.140098	0.356095	0.507379	-1.97091	0.0116549	0.105035	-9.52064	0.0482327	0.199171	-5.02082	0.93137	0.940287	-1.0635	0.164152	0.346068	-2.88961	0.182441	0.363696	-2.74955	0.09486	0.269257	-3.71392	0.119389	0.298799	-3.34673	0.691719	0.752101	-1.32961	2.2015	17.8148	7.193	1
cg23933241	SLFN12L	0.140098	0.334066	1.98934	1.98934	0.353515	1.93291	1.93291	0.0277276	6.02755	6.02755	0.979258	1.01811	1.01811	0.258663	2.25607	2.25607	0.905229	0.921064	-1.0857	0.0290685	5.90594	5.90594	0.0288399	5.92608	5.92608	0.266242	2.22493	2.22493	2.2015	16.6177	6.70964	1
cg02600430	ZIC5;ZIC5	0.140099	0.833228	1.14182	1.14182	0.382465	1.75657	1.75657	0.0609997	3.77401	3.77401	0.0334434	4.77342	4.77342	0.766996	0.829527	-1.20551	0.618212	0.729034	-1.37168	0.493544	0.645744	-1.5486	0.0295802	5.00891	5.00891	0.257147	2.10405	2.10405	2.20149	13.7944	5.56969	1
cg06706183	GCLC	0.140099	0.662501	1.07687	1.07687	0.117112	1.33248	1.33248	0.416644	1.15026	1.15026	0.339512	1.18058	1.18058	0.861007	1.02999	1.02999	0.480516	0.886098	-1.12854	0.0125379	0.592351	-1.68819	0.33019	1.18464	1.18464	0.307209	1.19512	1.19512	2.20149	0.991459	0.400318	1
cg18813322	PKD1L1	0.1401	0.0740303	0.327597	-3.05253	0.0967604	0.359914	-2.77844	0.162341	0.433371	-2.30749	0.82624	1.13115	1.13115	0.0283587	0.234431	-4.26565	0.629712	1.31299	1.31299	0.0419461	0.268761	-3.72078	0.933261	1.04807	1.04807	0.528504	0.699121	-1.43037	2.20149	10.9545	4.42308	1
cg18631743	RANBP1;TRMT2A;TRMT2A	0.140102	0.590686	0.923334	-1.08303	0.0618768	0.734258	-1.36192	0.175004	0.809038	-1.23604	0.472872	1.11322	1.11322	0.01971	0.661149	-1.51252	0.304649	1.16902	1.16902	0.180839	0.811615	-1.23211	0.324034	0.861029	-1.1614	0.223858	0.828842	-1.2065	2.20147	0.752473	0.303827	1
cg15542713	HIVEP3;HIVEP3	0.140103	0.465809	0.595759	-1.67853	0.681552	1.33364	1.33364	0.679523	0.748354	-1.33627	0.0646491	0.234985	-4.25558	0.0451497	0.201118	-4.97221	0.170873	0.361483	-2.76639	0.905462	0.920436	-1.08644	0.0191051	0.138178	-7.23703	0.101942	0.286728	-3.48763	2.20146	16.9778	6.85516	1
cg16119274	MPHOSPH6	0.140104	0.187964	1.27408	1.27408	0.305976	1.20203	1.20203	0.460443	0.877689	-1.13936	0.910758	1.01966	1.01966	0.978647	0.995364	-1.00466	0.0185121	0.60904	-1.64193	0.291097	1.20948	1.20948	0.0742234	1.4125	1.4125	0.774325	1.05117	1.05117	2.20145	1.05085	0.424304	1
cg01277763	KNTC1;RSRC2;RSRC2;RSRC2	0.140105	0.362612	0.87189	-1.14693	0.863671	1.0255	1.0255	0.155377	1.24951	1.24951	0.644368	0.934166	-1.07047	0.316983	1.16365	1.16365	0.158909	1.24683	1.24683	0.0302945	1.45226	1.45226	0.0853238	0.756777	-1.32139	0.562852	0.917862	-1.08949	2.20145	0.748419	0.302192	1
cg23267160	LMO4	0.140106	0.875687	1.04065	1.04065	0.0175526	0.479262	-2.08654	0.345314	1.28064	1.28064	0.274588	1.3355	1.3355	0.0976114	0.629664	-1.58815	0.246832	0.734778	-1.36095	0.728763	1.09264	1.09264	0.8822	0.962967	-1.03846	0.130895	0.660265	-1.51454	2.20144	2.2582	0.911807	1
cg01948062	CADM1;CADM1	0.140112	0.743883	1.18299	1.18299	0.192084	2.02944	2.02944	0.0828308	2.6765	2.6765	0.701774	0.821016	-1.218	0.554543	0.736091	-1.35853	0.874194	0.921993	-1.08461	0.030241	0.270922	-3.6911	0.0693722	0.353004	-2.83283	0.599554	0.76219	-1.31201	2.2014	9.16008	3.69869	1
cg19122402	ATXN2	0.140114	0.833872	1.06397	1.06397	0.275766	0.715521	-1.39758	0.0308564	0.473065	-2.11387	0.976319	0.991275	-1.0088	0.0889111	0.574657	-1.74017	0.959155	0.984993	-1.01524	0.185809	0.66087	-1.51316	0.157873	1.56177	1.56177	0.0664223	0.544556	-1.83636	2.20138	3.03925	1.22721	1
cg04208434	TMCC1;TMCC1	0.140114	0.104741	0.351008	-2.84894	0.0106262	0.150029	-6.66536	0.0429201	0.252658	-3.95791	0.653494	0.765814	-1.3058	0.19246	0.442837	-2.25817	0.680491	0.7831	-1.27698	0.200507	0.450047	-2.22199	0.160602	0.412719	-2.42296	0.159097	0.411223	-2.43177	2.20138	12.1558	4.90835	1
cg27230140	EGFL8	0.140115	0.092422	4.05474	4.05474	0.0139464	9.92964	9.92964	0.395157	1.93144	1.93144	0.441763	1.80922	1.80922	0.156815	3.14142	3.14142	0.227059	2.60807	2.60807	0.063833	4.82944	4.82944	0.136639	3.36046	3.36046	0.0551684	5.17209	5.17209	2.20137	19.9204	8.04363	1
cg10656128	APBA2;APBA2	0.140116	0.096561	0.237946	-4.20264	0.169302	3.16543	3.16543	0.352403	2.1235	2.1235	0.632121	0.684152	-1.46166	0.0737075	0.20827	-4.80145	0.320347	2.24354	2.24354	0.0572381	0.184004	-5.43466	0.411054	0.516079	-1.93769	0.311561	0.438731	-2.2793	2.20137	21.5912	8.71829	1
cg01081584	EIF2AK4	0.140117	0.266682	3.02719	3.02719	0.0907771	0.16807	-5.94992	0.023365	13.3722	13.3722	0.127592	4.83974	4.83974	0.334056	2.595	2.595	0.518112	1.87216	1.87216	0.657865	1.53202	1.53202	0.365393	2.43544	2.43544	0.0917896	5.91035	5.91035	2.20136	31.9388	12.8966	1
cg00086266	PUSL1;ACAP3	0.140118	0.664263	0.905271	-1.10464	0.524343	1.15839	1.15839	0.23865	1.32479	1.32479	0.268784	1.30015	1.30015	0.889136	1.0323	1.0323	0.367161	0.80968	-1.23506	0.0128775	0.494723	-2.02133	0.117668	1.4729	1.4729	0.976769	0.993386	-1.00666	2.20135	1.81065	0.731124	1
cg05126388	ZNF423	0.140121	0.414016	1.17572	1.17572	0.817795	0.95625	-1.04575	0.192659	1.30643	1.30643	0.332378	0.823776	-1.21392	0.0196125	0.578898	-1.72742	0.0449015	0.640035	-1.56241	0.842542	1.03931	1.03931	0.536552	1.12899	1.12899	0.650626	0.915407	-1.09241	2.20133	1.31024	0.529069	1
cg03025337	ZNF470	0.140123	0.795494	0.870047	-1.14936	0.150609	2.28348	2.28348	0.0643352	3.04634	3.04634	0.106113	2.57507	2.57507	0.601068	0.753708	-1.32677	0.502945	0.694646	-1.43958	0.0700702	0.337753	-2.96074	0.199921	0.483965	-2.06627	0.612895	1.31448	1.31448	2.20131	10.0146	4.0439	1
cg21115691	FCAMR;FCAMR;FCAMR;FCAMR	0.140124	0.534681	0.821922	-1.21666	0.867137	1.05361	1.05361	0.00753954	0.342217	-2.92212	0.174213	0.637106	-1.5696	0.0409332	0.479103	-2.08724	0.820329	1.07353	1.07353	0.918594	1.0324	1.0324	0.50916	0.811508	-1.23227	0.397272	0.763122	-1.31041	2.20131	3.39133	1.36942	1
cg10013356	RAET1G	0.140126	0.231226	0.785118	-1.27369	0.430722	1.16758	1.16758	0.318054	1.21995	1.21995	0.398906	0.846729	-1.18102	0.0448572	0.641752	-1.55824	0.288804	0.808861	-1.23631	0.0359955	1.59984	1.59984	0.710555	1.07445	1.07445	0.721934	1.07126	1.07126	2.20129	1.29384	0.522458	1
cg03354476	ASGR1	0.140129	0.165931	0.550622	-1.81613	0.0466239	2.50985	2.50985	0.174569	0.558085	-1.79184	0.288134	0.640573	-1.5611	0.386243	0.698562	-1.43151	0.0710066	2.25829	2.25829	0.843534	1.08308	1.08308	0.413878	1.40124	1.40124	0.492983	0.754877	-1.32472	2.20127	5.68677	2.29636	1
cg10554624	ECHDC2	0.14013	0.504966	1.35006	1.35006	0.458064	0.715159	-1.39829	0.0221204	3.37821	3.37821	0.267051	0.598687	-1.67032	0.214266	1.78624	1.78624	0.102669	0.452816	-2.2084	0.734889	0.860022	-1.16276	0.178971	1.88406	1.88406	0.696171	1.19019	1.19019	2.20126	6.86266	2.7712	1
cg25673274	CDK13;CDK13	0.140131	0.566096	1.36077	1.36077	0.0194613	0.223106	-4.48218	0.20101	0.48811	-2.04872	0.151932	0.44256	-2.25958	0.360287	0.606841	-1.64788	?	?	?	0.213029	2.00668	2.00668	0.520619	0.707639	-1.41315	0.407564	1.56818	1.56818	2.22005	8.81516	3.97071	1
cg16320208	DPYD	0.140131	0.114037	0.318384	-3.14086	0.0150626	0.136845	-7.30754	0.0388448	0.20345	-4.91522	0.743144	0.803393	-1.24472	0.104256	0.306558	-3.26203	0.269967	0.465464	-2.14839	0.488995	0.626292	-1.5967	0.598983	1.42371	1.42371	0.960203	0.967327	-1.03378	2.20125	15.4512	6.23936	1
cg06741594	PLXNA4;PLXNA4;PLXNA4	0.140132	0.343018	0.82062	-1.21859	0.198652	1.3164	1.3164	0.0761931	1.49075	1.49075	0.813072	0.953192	-1.04911	0.0702686	0.663983	-1.50606	0.612098	0.901689	-1.10903	0.320102	0.812277	-1.23111	0.0615081	1.53154	1.53154	0.693014	0.922843	-1.08361	2.20125	1.42781	0.576565	1
cg02711476	CRTC2	0.140133	0.990356	1.00362	1.00362	0.960958	1.01474	1.01474	0.144274	1.59835	1.59835	0.568937	0.841861	-1.18784	0.616335	1.16306	1.16306	0.7352	0.903479	-1.10683	0.0266041	0.455774	-2.19407	0.0640296	1.86329	1.86329	0.132138	1.62564	1.62564	2.20124	3.11688	1.25863	1
cg25338204	RNF44	0.140134	0.929516	1.01747	1.01747	0.392373	1.18715	1.18715	0.644419	1.09526	1.09526	0.519484	0.879991	-1.13638	0.0462477	0.639497	-1.56373	0.0497088	0.645132	-1.55007	0.115221	1.39836	1.39836	0.136639	0.730559	-1.36881	0.407245	0.847065	-1.18055	2.20123	1.33633	0.53963	1
cg11184796	CCDC22;CCDC22	0.140136	0.00585146	0.0277277	-36.065	0.117123	0.19398	-5.15518	0.696164	0.688279	-1.4529	0.388762	0.430284	-2.32405	0.277519	0.339376	-2.94658	0.15992	0.236231	-4.23315	0.690157	0.682877	-1.46439	?	?	?	0.408184	0.445989	-2.24221	2.33656	29.1337	10.91	1
cg13419809	SFXN3;PDZD7	0.140141	0.664706	1.1583	1.1583	0.632142	1.17648	1.17648	0.126193	1.7464	1.7464	0.371361	0.733958	-1.36248	0.0343338	0.435225	-2.29766	0.562886	1.21788	1.21788	0.0278828	0.41659	-2.40044	0.930391	0.970988	-1.02988	0.953445	1.01987	1.01987	2.20118	3.95877	1.59864	1
cg13231384	MRPL30	0.140142	0.176815	0.859917	-1.1629	0.226641	1.14276	1.14276	0.19943	0.867173	-1.15317	0.748802	0.966791	-1.03435	0.0319027	0.767731	-1.30254	0.142443	0.847264	-1.18027	0.229816	1.14162	1.14162	0.463164	1.08166	1.08166	0.215059	0.871809	-1.14704	2.20118	0.385229	0.155565	1
cg06692606	SEMA3A	0.140143	0.133458	0.56236	-1.77822	0.149104	0.576851	-1.73355	0.0511769	0.453994	-2.20267	0.470562	0.770257	-1.29827	0.0297248	0.402589	-2.48392	0.452718	0.76183	-1.31263	0.699527	0.871173	-1.14788	0.132612	0.561543	-1.78081	0.0219251	0.376175	-2.65834	2.20117	4.40851	1.78027	1
cg24688577	CEBPB	0.140146	0.290472	1.1238	1.1238	0.218481	0.871352	-1.14764	0.587268	0.943358	-1.06004	0.777354	0.970289	-1.03062	0.376586	0.907977	-1.10135	0.588894	0.943602	-1.05977	0.00647231	0.68617	-1.45736	0.288665	1.12433	1.12433	0.948685	0.993176	-1.00687	2.20115	0.394609	0.159355	1
cg12612238	CASP9;CASP9	0.140146	0.0137439	0.436664	-2.29009	0.113808	0.626276	-1.59674	0.254755	0.723654	-1.38188	0.64392	1.13497	1.13497	0.177545	0.677211	-1.47664	0.164235	0.667846	-1.49735	0.609208	1.15055	1.15055	0.618449	1.14634	1.14634	0.463472	1.22505	1.22505	2.20114	2.57922	1.04157	1
cg14657520	PPAP2B;PPAP2B;PPAP2B;PPAP2B	0.140146	0.108704	4.91003	4.91003	?	?	?	?	?	?	?	?	?	0.0310586	10.6803	10.6803	?	?	?	0.492817	1.85341	1.85341	?	?	?	0.363703	2.29439	2.29439	2.62202	13.6412	7.80381	1
cg18112295	RIOK2;RIOK2	0.140149	0.00810051	0.614913	-1.62625	0.180861	1.22601	1.22601	0.861264	0.975224	-1.02541	0.897418	0.981671	-1.01867	0.589885	0.924926	-1.08117	0.421306	1.12504	1.12504	0.476888	1.1093	1.1093	0.258389	0.844398	-1.18428	0.342567	0.869148	-1.15055	2.20113	0.717057	0.289571	1
cg01392656	AACS	0.140149	0.976919	0.978052	-1.02244	0.0073072	14.2024	14.2024	0.0869482	4.26356	4.26356	0.217523	2.70527	2.70527	0.271818	0.415819	-2.40489	0.845656	0.861134	-1.16126	0.70308	1.34149	1.34149	0.583261	1.52964	1.52964	0.72451	1.31186	1.31186	2.20112	20.5145	8.28447	1
cg14924620	FAM170B	0.14015	0.734132	0.824977	-1.21216	0.46461	1.52205	1.52205	0.564838	1.38881	1.38881	0.891939	1.07973	1.07973	0.58701	0.733787	-1.36279	0.0656073	0.311562	-3.20963	0.0377865	0.256756	-3.89475	0.341964	0.575442	-1.73779	0.0214423	0.210214	-4.75707	2.20112	11.1043	4.48432	1
cg08333579	SPRED3;SPRED3;GGN	0.140151	0.0307792	0.639833	-1.56291	0.705647	0.935386	-1.06908	0.495215	1.12965	1.12965	0.21199	0.793397	-1.2604	0.858177	0.969004	-1.03199	0.362324	0.848049	-1.17918	0.0204932	0.611728	-1.63471	0.201718	0.788748	-1.26783	0.0767397	0.707149	-1.41413	2.20111	1.0802	0.436225	1
cg02331196	PKNOX2	0.140152	0.158633	0.471212	-2.12219	0.0620727	0.350292	-2.85476	0.107667	0.416161	-2.40291	0.853371	0.911752	-1.09679	0.040446	0.306711	-3.2604	0.330705	0.60581	-1.65068	0.206103	1.9464	1.9464	0.323677	1.66363	1.66363	0.531402	0.72864	-1.37242	2.2011	8.69262	3.51041	1
cg17122213	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.140152	0.865497	1.09751	1.09751	0.460409	1.51056	1.51056	0.155931	0.43467	-2.30059	0.561789	0.724722	-1.37984	0.167938	2.2402	2.2402	0.147396	2.34722	2.34722	0.0162433	5.01918	5.01918	0.237996	1.97072	1.97072	0.541721	0.712461	-1.40359	2.2011	10.5011	4.24075	1
cg14093103	NFIA;NFIA	0.140153	0.115632	0.44507	-2.24684	0.00830672	0.202513	-4.93795	0.614568	0.78637	-1.27167	0.467041	1.41948	1.41948	0.0614016	0.368805	-2.71146	0.564809	0.759215	-1.31715	0.792791	1.1327	1.1327	0.527859	0.738799	-1.35355	0.83683	0.907005	-1.10253	2.2011	7.80968	3.15385	1
cg16650292	KCTD12	0.140155	0.0589412	0.563923	-1.77329	0.252112	0.7252	-1.37893	0.17621	1.47137	1.47137	0.587491	1.15848	1.15848	0.20618	0.698983	-1.43065	0.037586	0.523146	-1.91151	?	?	?	0.875212	1.04311	1.04311	0.643198	1.13347	1.13347	2.21987	2.25424	1.01548	1
cg00565882	CYP1B1	0.140159	0.0556358	7.95986	7.95986	0.0297119	11.5597	11.5597	0.143985	4.48829	4.48829	0.156165	4.26772	4.26772	0.2349	3.28993	3.28993	0.704709	0.694766	-1.43933	0.556144	1.76723	1.76723	0.0290254	11.7223	11.7223	0.224534	3.38826	3.38826	2.20105	31.8934	12.8801	1
cg03459811	PLXNB1;PLXNB1	0.14016	0.556007	1.38681	1.38681	0.489565	0.680146	-1.47027	0.260248	0.524754	-1.90565	0.126284	2.4801	2.4801	0.320665	0.569241	-1.75673	0.760068	1.18317	1.18317	0.317559	1.76354	1.76354	0.0176093	4.88347	4.88347	0.125261	2.48719	2.48719	2.20105	10.5112	4.24495	1
cg21825944	NR5A2;NR5A2	0.140161	0.0265701	0.383741	-2.60593	0.858719	0.937142	-1.06707	0.0797928	0.492453	-2.03065	0.861468	0.938341	-1.06571	0.323824	0.689853	-1.44958	0.184767	0.598992	-1.66947	0.0922106	1.96464	1.96464	0.159983	0.578675	-1.72809	0.412123	0.736723	-1.35736	2.20104	4.62784	1.86895	1
cg13856340	SCAI;SCAI	0.140162	0.1388	0.462543	-2.16196	0.171478	2.02275	2.02275	0.906787	1.05832	1.05832	0.543388	1.34667	1.34667	0.0210882	0.261264	-3.82755	0.779822	0.873186	-1.14523	0.290008	0.58779	-1.70129	0.19003	1.95736	1.95736	0.253854	0.561821	-1.77993	2.20103	8.16182	3.29616	1
cg20461999	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.140162	0.246987	1.47272	1.47272	0.103433	0.565784	-1.76746	0.849829	0.941187	-1.06249	0.64322	1.16086	1.16086	0.936249	0.974743	-1.02591	0.153793	0.613659	-1.62957	0.0286532	0.438009	-2.28306	0.177847	1.58072	1.58072	0.324655	1.38439	1.38439	2.20103	3.56478	1.43964	1
cg13685746	TCF3;TCF3	0.140167	0.40497	0.870337	-1.14898	0.198936	1.24762	1.24762	0.0313372	0.662568	-1.50928	0.197133	1.24886	1.24886	0.0453837	0.687918	-1.45366	0.629605	0.923851	-1.08243	0.543033	0.904526	-1.10555	0.45094	1.13336	1.13336	0.890396	1.02273	1.02273	2.20099	0.925999	0.373972	1
cg27655206	FAM66E	0.140167	0.729667	0.819375	-1.22044	0.827571	0.882259	-1.13345	0.298767	0.538764	-1.8561	0.928873	1.05261	1.05261	0.580641	0.725832	-1.37773	0.260223	1.96283	1.96283	0.0492369	0.275548	-3.62913	0.590035	1.36664	1.36664	0.0107172	0.158553	-6.30703	2.20099	11.4956	4.64258	1
cg01374870	HLA-DMB	0.140168	0.489076	0.656322	-1.52364	0.872793	1.10078	1.10078	0.165835	0.412493	-2.42428	0.382321	0.584576	-1.71064	0.0112483	0.14914	-6.70511	0.0514457	0.264826	-3.77606	0.0528626	0.267517	-3.73808	0.372974	0.578075	-1.72988	0.259824	0.494437	-2.0225	2.20099	12.5164	5.05486	1
cg05071077	TAPBP;TAPBP	0.140169	0.0704046	0.526778	-1.89833	0.984457	0.993845	-1.00619	0.155187	0.61746	-1.61954	0.0658813	0.519916	-1.92339	0.0611263	0.512292	-1.95201	0.23105	0.671527	-1.48914	0.0506622	0.493697	-2.02553	0.729541	1.11629	1.11629	0.0653612	0.519103	-1.9264	2.20097	3.50198	1.41432	1
cg07482935	RELN;RELN	0.140169	0.123826	0.616545	-1.62194	0.0296874	0.475851	-2.1015	0.185853	0.665623	-1.50235	0.928472	1.0264	1.0264	0.0267524	0.466948	-2.14157	0.141322	0.631917	-1.58249	0.195007	0.671829	-1.48847	0.549495	1.19211	1.19211	0.96156	0.986112	-1.01408	2.20097	2.93511	1.18538	1
cg13684188	TTF1	0.14017	0.00415765	0.230832	-4.33216	0.619417	1.21057	1.21057	0.358451	0.6974	-1.4339	0.839524	1.08046	1.08046	0.27903	0.650807	-1.53655	0.515557	1.28611	1.28611	0.699152	0.86225	-1.15976	0.687439	1.16691	1.16691	0.808577	0.91153	-1.09706	2.20097	5.07734	2.05055	1
cg23430634	TRAPPC9;TRAPPC9	0.140173	0.778415	1.0316	1.0316	0.805144	0.973108	-1.02764	0.271646	0.88143	-1.13452	0.0760031	1.2433	1.2433	0.566308	0.938064	-1.06602	0.312016	0.891055	-1.12226	0.594362	0.942443	-1.06107	0.220229	0.867484	-1.15276	0.0119457	0.707555	-1.41332	2.20095	0.424011	0.171244	1
cg26381352	B3GALT4	0.140177	0.297507	0.295464	-3.38451	0.959657	1.05877	1.05877	0.0228952	21.6056	21.6056	0.0225782	21.8205	21.8205	0.307105	0.303145	-3.29875	0.833069	0.787998	-1.26904	0.689082	1.57463	1.57463	0.849348	0.806808	-1.23945	0.739508	1.45746	1.45746	2.20091	44.4215	17.9406	1
cg03027239	ZBTB47	0.140178	0.251793	1.68444	1.68444	0.463013	1.38453	1.38453	0.622155	0.805461	-1.24153	0.130554	2.03631	2.03631	0.285529	0.616864	-1.6211	0.589204	1.268	1.268	0.0842968	2.29736	2.29736	0.0431549	2.75459	2.75459	0.0359969	2.89321	2.89321	2.20091	6.61218	2.67048	1
cg12951282	ASGR2;ASGR2;ASGR2;ASGR2	0.140179	0.121192	0.521233	-1.91853	0.406003	0.719195	-1.39044	0.0499278	0.420222	-2.37969	0.0900075	0.484548	-2.06378	0.0559815	0.431964	-2.31501	0.757686	0.886927	-1.12749	0.031258	0.375357	-2.66413	0.0824543	0.47433	-2.10824	0.130795	0.531187	-1.88258	2.20091	5.24054	2.11652	1
cg07960162	ZFP90	0.140184	0.314011	0.80855	-1.23678	0.671674	0.916667	-1.09091	0.0754321	1.49772	1.49772	0.172118	1.34531	1.34531	0.832852	0.957785	-1.04408	0.370095	0.828738	-1.20665	0.0182872	1.79413	1.79413	0.348638	1.21765	1.21765	0.274196	1.26139	1.26139	2.20087	1.45188	0.586389	1
cg01433189	SLC28A2	0.140188	0.100148	1.28135	1.28135	0.151236	1.23571	1.23571	0.0989527	1.28268	1.28268	0.261384	0.85113	-1.17491	0.155205	1.23285	1.23285	0.16482	1.22622	1.22622	0.297728	1.16016	1.16016	0.218411	0.836809	-1.19502	0.101768	1.27956	1.27956	2.20084	0.660163	0.266631	1
cg16619721	NMD3	0.140188	0.192675	0.38134	-2.62233	0.191457	2.63008	2.63008	0.437554	1.73972	1.73972	0.737265	1.26545	1.26545	0.0212255	0.144176	-6.93598	0.549496	0.654788	-1.52721	0.0854863	0.264688	-3.77803	0.962688	0.967819	-1.03325	0.151616	0.341568	-2.92768	2.20084	17.0418	6.88297	1
cg08676600	SFRS18;SFRS18	0.140191	0.361136	0.600819	-1.66439	0.053941	0.305013	-3.27855	0.58472	1.34919	1.34919	0.507245	0.694112	-1.44069	0.369667	0.606537	-1.6487	0.0344995	0.26234	-3.81185	0.811665	1.13831	1.13831	0.446465	1.5237	1.5237	0.0891975	2.76539	2.76539	2.20081	10.2659	4.1463	1
cg02072896	PRDM16;PRDM16	0.140192	0.667879	1.12381	1.12381	0.388129	0.787266	-1.27022	0.631996	0.877673	-1.13938	0.857917	1.04965	1.04965	0.472545	1.21845	1.21845	0.0266939	0.491616	-2.03411	0.037425	1.92141	1.92141	0.983298	1.00568	1.00568	0.146702	0.656249	-1.52381	2.20081	2.54885	1.02946	1
cg02600622	LHFPL1	0.140193	0.795142	0.946239	-1.05681	0.479292	1.16502	1.16502	0.067471	1.54514	1.54514	0.0581787	0.634644	-1.57569	0.0751195	0.656459	-1.52332	0.595615	1.12048	1.12048	0.894032	0.972093	-1.02871	0.181262	1.35178	1.35178	0.285633	1.26557	1.26557	2.2008	1.57213	0.634972	1
cg22592475	PIK3R1	0.140194	0.124082	0.343078	-2.91479	0.0247115	0.179453	-5.5725	0.0520707	0.241813	-4.13542	0.187919	0.408047	-2.4507	0.0574841	0.251547	-3.9754	0.336367	0.528997	-1.89037	0.18807	0.408187	-2.44986	0.619522	1.37925	1.37925	0.15398	0.37515	-2.6656	2.2008	14.3836	5.80944	1
cg04391111	TP73;WDR8	0.140201	0.0458928	7.29125	7.29125	0.455729	1.93395	1.93395	0.742899	1.33079	1.33079	0.107159	4.60358	4.60358	0.34955	0.433424	-2.30721	0.36405	0.44494	-2.24749	0.351757	0.43518	-2.2979	0.636861	1.51113	1.51113	0.0317716	8.89275	8.89275	2.20074	26.2723	10.6115	1
cg12445424	CCDC21;SH3BGRL3	0.140203	0.197554	0.455451	-2.19563	0.554814	0.70828	-1.41187	0.351187	0.574633	-1.74024	0.932995	1.04975	1.04975	0.00539781	0.120664	-8.28748	0.8443	1.12023	1.12023	0.878984	1.09196	1.09196	0.318667	1.8132	1.8132	0.287648	0.52864	-1.89165	2.20073	11.6204	4.69356	1
cg08351163	DBX2	0.140204	0.269835	1.79632	1.79632	0.0335571	0.28204	-3.54559	0.362517	0.620584	-1.61139	0.594588	0.760466	-1.31498	0.848341	0.907016	-1.10252	0.0286888	0.268324	-3.72683	0.752394	1.17508	1.17508	0.199378	1.99612	1.99612	0.70052	1.21775	1.21775	2.20072	9.05735	3.65834	1
cg17830244	GAS7	0.140205	0.336172	0.679886	-1.47083	0.0222914	0.344512	-2.90266	0.0130542	0.301774	-3.31374	0.53997	0.785528	-1.27303	0.688969	0.855099	-1.16945	0.453955	0.743207	-1.34552	0.380914	1.4186	1.4186	0.830446	1.08701	1.08701	0.46292	0.747735	-1.33737	2.20071	5.27597	2.13102	1
cg15531486	C5orf51	0.140206	0.403115	0.870164	-1.14921	0.053112	1.42933	1.42933	0.444699	1.13501	1.13501	0.402093	0.869889	-1.14957	0.0239498	0.645411	-1.5494	0.459445	0.884766	-1.13024	0.511766	1.11423	1.11423	0.936801	1.01297	1.01297	0.232062	1.22596	1.22596	2.2007	0.920883	0.371955	1
cg12539415	HOXD4;HOXD4	0.140208	0.102431	9.20549	9.20549	0.531044	0.45469	-2.1993	0.209274	0.193247	-5.17471	0.792808	1.38675	1.38675	0.0548281	14.9544	14.9544	0.148841	0.146159	-6.84187	0.0789613	11.2782	11.2782	0.286877	3.94951	3.94951	0.820223	1.32675	1.32675	2.20069	53.7706	21.7187	1
cg27639080	MCRS1;MCRS1	0.14021	0.0571393	0.304498	-3.28409	0.0631774	3.17271	3.17271	0.86299	0.90898	-1.10013	0.406373	1.59888	1.59888	0.918022	0.944705	-1.05853	0.1285	0.403431	-2.47874	0.0940535	0.361623	-2.76531	0.850928	1.10954	1.10954	0.202745	0.475702	-2.10216	2.20068	10.6396	4.29751	1
cg07352050	DOCK9;DOCK9	0.140212	0.955698	0.986273	-1.01392	0.485542	1.19283	1.19283	0.0716182	1.64957	1.64957	0.765431	1.07729	1.07729	0.26679	0.749859	-1.33358	0.17109	0.695859	-1.43707	0.0368017	0.546903	-1.82848	0.335244	0.780948	-1.2805	0.189844	1.4127	1.4127	2.20066	2.1577	0.871535	1
cg10495843	LOC643406	0.140213	0.446928	1.12388	1.12388	0.042859	1.42069	1.42069	0.421033	0.883521	-1.13183	0.751746	0.953313	-1.04897	0.332196	0.860093	-1.16266	0.0893197	0.754089	-1.3261	0.0713287	1.35451	1.35451	0.854995	1.02794	1.02794	0.214256	1.21773	1.21773	2.20066	0.791075	0.319531	1
cg19168338	CORO7	0.140218	0.363329	1.46338	1.46338	0.121425	1.98248	1.98248	0.29755	1.55289	1.55289	0.498929	1.3228	1.3228	0.0423687	2.59299	2.59299	0.123349	1.97438	1.97438	0.0110511	3.66524	3.66524	0.478969	1.34088	1.34088	0.0814656	2.19687	2.19687	2.20061	5.78894	2.33831	1
cg15741583	HPX	0.14022	0.376154	0.860086	-1.16267	0.0104038	0.585422	-1.70817	0.170506	0.784879	-1.27408	0.763005	0.951051	-1.05147	0.384331	0.862407	-1.15954	0.803759	0.959524	-1.04218	0.348919	1.17354	1.17354	0.0748447	0.719447	-1.38996	0.120442	0.756142	-1.3225	2.20061	0.959861	0.387716	1
cg27091380	NKX2-3	0.14022	0.602764	1.06778	1.06778	0.819349	1.02899	1.02899	0.62656	0.940588	-1.06316	0.460131	0.910341	-1.09849	0.0795233	1.2752	1.2752	0.53223	1.08223	1.08223	0.0172404	0.695988	-1.43681	0.117343	1.23673	1.23673	0.647032	1.05928	1.05928	2.2006	0.543793	0.219654	1
cg01077616	CCND3;TAF8;CCND3	0.140221	0.0946452	1.21967	1.21967	0.151853	1.18052	1.18052	0.743107	0.965074	-1.03619	0.0108503	1.41312	1.41312	0.22591	0.871568	-1.14736	0.580883	1.06213	1.06213	0.842075	1.0218	1.0218	0.845196	0.979091	-1.02136	0.707499	0.960074	-1.04159	2.20059	0.407251	0.164501	1
cg13678939	GANAB;GANAB	0.140222	0.293169	0.517947	-1.9307	0.0570705	3.66505	3.66505	0.0267169	4.87343	4.87343	0.443641	0.624261	-1.60189	0.378958	0.580103	-1.72383	0.349187	0.559108	-1.78856	0.327818	0.543694	-1.83927	0.538858	0.687033	-1.45553	0.607672	1.36672	1.36672	2.20059	12.685	5.12388	1
cg11845912	TRIM41;TRIM41	0.140222	0.512253	0.868609	-1.15127	0.79833	0.947183	-1.05576	0.107556	0.689205	-1.45095	0.831412	0.955823	-1.04622	0.541417	1.13999	1.13999	0.751038	0.934767	-1.06979	0.00885867	2.02602	2.02602	0.441472	0.846754	-1.18098	0.34233	1.23041	1.23041	2.20059	1.56543	0.632329	1
cg03965885	CCNG2	0.140225	0.3333	0.817573	-1.22313	0.375857	1.20132	1.20132	0.583326	1.11829	1.11829	0.764346	0.941127	-1.06256	0.0567482	0.647119	-1.54531	0.119973	0.71145	-1.40558	0.0290619	1.68072	1.68072	0.685098	1.08576	1.08576	0.62162	1.10562	1.10562	2.20056	1.41965	0.573448	1
cg13971030	SLC1A2	0.140227	0.127949	2.023	2.023	0.294502	1.59279	1.59279	0.255604	1.66215	1.66215	0.899669	0.947429	-1.05549	0.515379	1.3263	1.3263	0.215673	1.747	1.747	0.00552941	4.76375	4.76375	0.135441	1.99161	1.99161	0.184473	1.82698	1.82698	2.20055	6.38821	2.58045	1
cg06005197	GLYATL2	0.140228	0.250385	0.770438	-1.29796	0.0346091	0.585702	-1.70735	0.688559	0.916233	-1.09142	0.207942	1.33414	1.33414	0.996382	0.999016	-1.00099	0.807318	1.05449	1.05449	0.0523115	0.619273	-1.6148	0.0527632	0.619991	-1.61293	0.330707	0.804183	-1.2435	2.20055	1.64312	0.663723	1
cg16100063	PEX14	0.14023	0.272165	1.33833	1.33833	0.0471706	1.78438	1.78438	0.833343	0.947696	-1.05519	0.801359	0.937748	-1.06638	0.128144	0.65748	-1.52096	0.625686	0.882196	-1.13354	0.0211778	2.02699	2.02699	0.969419	1.00982	1.00982	0.715879	0.911014	-1.09768	2.20053	2.26549	0.915129	1
cg20591120	BRE;BRE;BRE;BRE;BRE	0.140231	0.0475154	0.143956	-6.94659	0.817607	1.2184	1.2184	0.877997	0.876906	-1.14037	0.201099	0.315206	-3.17253	0.0526543	0.152023	-6.57797	0.239617	0.348906	-2.8661	0.0271548	0.106871	-9.3571	0.663534	0.687772	-1.45397	0.0598638	0.162748	-6.14449	2.20052	25.4828	10.2936	1
cg02952972	AP2A2	0.140235	0.600943	0.852434	-1.17311	0.0396884	2.05356	2.05356	0.207383	1.49515	1.49515	0.556536	0.835341	-1.19712	0.249454	0.694788	-1.43929	0.17179	0.643983	-1.55284	0.0460875	1.99667	1.99667	0.993363	1.00252	1.00252	0.753049	0.908931	-1.10019	2.20049	3.18973	1.28849	1
cg24484339	CA13	0.140236	0.44033	1.76691	1.76691	0.247038	2.40019	2.40019	0.861056	1.13511	1.13511	0.721411	0.771829	-1.29562	0.990668	1.0085	1.0085	0.755528	0.797777	-1.25348	0.0989368	0.270194	-3.70104	0.00876629	11.1888	11.1888	0.366372	1.95674	1.95674	2.20048	18.2355	7.36625	1
cg11688469	TNNI1	0.140239	0.407266	0.795736	-1.2567	0.0133584	0.437801	-2.28414	0.465961	0.81875	-1.22137	0.297823	0.747595	-1.33762	0.305931	0.751479	-1.33071	0.829607	1.05981	1.05981	0.0752966	1.70535	1.70535	0.254315	0.725549	-1.37827	0.343838	0.768876	-1.3006	2.20046	2.53178	1.02273	1
cg19007249	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.140239	0.625927	1.06781	1.06781	0.0997569	0.785916	-1.2724	0.0616541	0.754948	-1.32459	0.904001	0.984016	-1.01624	0.0301861	0.711482	-1.40552	0.153886	0.815562	-1.22615	0.708798	1.05138	1.05138	0.874573	1.02132	1.02132	0.218996	1.18844	1.18844	2.20046	0.621562	0.251084	1
cg14872580	HMMR;HMMR;HMMR;HMMR;NUDCD2	0.14024	0.205673	0.820071	-1.21941	0.186161	0.812005	-1.23152	0.290017	0.849453	-1.17723	0.0273918	0.678593	-1.47364	0.279074	1.182	1.182	0.116868	1.28803	1.28803	0.889529	0.979563	-1.02086	0.790886	0.961284	-1.04028	0.291543	1.17658	1.17658	2.20045	0.769328	0.310776	1
cg07446846	SLC6A8;SLC6A8	0.140242	0.0102975	0.418488	-2.38956	0.371874	0.781117	-1.28022	0.480136	0.824157	-1.21336	0.269802	0.733727	-1.3629	0.136468	0.649034	-1.54075	0.0902237	0.604669	-1.6538	0.106993	0.622439	-1.60658	0.108757	0.62418	-1.6021	0.0785746	0.590719	-1.69285	2.20044	2.53003	1.02203	1
cg08521332	MIR1826	0.140242	0.0343967	2.19466	2.19466	0.241	1.47846	1.47846	0.551481	1.21159	1.21159	0.485322	1.25341	1.25341	0.0274359	0.435622	-2.29557	0.83852	0.937067	-1.06716	0.268018	0.692442	-1.44417	0.867322	1.05471	1.05471	0.731689	0.896157	-1.11588	2.20044	3.53638	1.42856	1
cg10816489	CYP7B1;CYP7B1	0.140243	0.761277	0.960975	-1.04061	0.273895	1.16037	1.16037	0.216517	1.18518	1.18518	0.483901	1.0974	1.0974	0.595018	1.07261	1.07261	0.60506	0.934118	-1.07053	0.0193575	0.691112	-1.44696	0.983325	0.997273	-1.00273	0.0522742	1.33427	1.33427	2.20043	0.594786	0.24027	1
cg01813040	MRPL17	0.140243	0.128266	1.33233	1.33233	0.0244594	1.59649	1.59649	0.0902529	1.38515	1.38515	0.254141	0.812359	-1.23098	0.956559	1.00955	1.00955	0.113133	1.35108	1.35108	0.353981	1.18107	1.18107	0.848674	0.967213	-1.0339	0.12696	1.33385	1.33385	2.20043	1.06139	0.42876	1
cg23429903	EPHA3;EPHA3	0.140244	0.384147	0.835531	-1.19684	0.116481	0.709309	-1.40982	0.446761	1.16901	1.16901	0.4171	1.18174	1.18174	0.0577488	1.54041	1.54041	0.198676	1.31458	1.31458	0.199703	0.76123	-1.31366	0.372681	0.831694	-1.20237	0.126137	0.716605	-1.39547	2.20043	1.41311	0.570843	1
cg02339198	PPP2R1A	0.140246	0.77738	1.0972	1.0972	0.0670978	1.95732	1.95732	0.050221	2.07613	2.07613	0.597172	1.19068	1.19068	0.0369691	0.452583	-2.20954	0.171475	1.6103	1.6103	0.794821	0.918252	-1.08903	0.669452	1.15088	1.15088	0.663642	1.15395	1.15395	2.20041	3.73191	1.50756	1
cg26401903	C21orf29;KRTAP10-4	0.140248	0.879015	1.06262	1.06262	0.492075	1.32079	1.32079	0.868652	0.936135	-1.06822	0.841716	0.923368	-1.08299	0.0747324	0.453148	-2.20678	0.440966	1.36798	1.36798	0.00638786	0.242907	-4.1168	0.762869	0.886335	-1.12824	0.511671	0.766897	-1.30396	2.20039	5.54101	2.23839	1
cg25887789	PDZRN4	0.140249	0.368634	1.31854	1.31854	0.161285	1.5652	1.5652	0.0323239	0.47211	-2.11815	0.635436	0.866736	-1.15375	0.240977	0.692395	-1.44426	0.887773	1.04319	1.04319	0.685937	0.885376	-1.12946	0.059701	1.88956	1.88956	0.332502	1.34903	1.34903	2.20039	3.12535	1.26254	1
cg09650158	HSPA9	0.140249	0.525553	0.81416	-1.22826	0.351384	1.35872	1.35872	0.152958	1.631	1.631	0.336703	1.37244	1.37244	0.317062	1.39177	1.39177	0.0320784	2.23124	2.23124	0.42735	0.771808	-1.29566	0.0565196	0.501558	-1.99379	0.930227	0.972398	-1.02839	2.20039	3.56003	1.43814	1
cg15888522	XCR1;XCR1;XCR1;XCR1	0.140253	0.326711	1.51058	1.51058	0.0313738	0.357508	-2.79714	0.433669	0.722187	-1.38468	0.439842	1.37843	1.37843	0.99182	0.995832	-1.00419	0.344865	0.672765	-1.4864	0.510449	1.31254	1.31254	0.964273	1.01841	1.01841	0.0200933	0.319024	-3.13456	2.20036	5.78373	2.33648	1
cg13916421	KCNK2;KCNK2;KCNK2	0.140254	0.132126	0.555368	-1.80061	0.935328	1.02981	1.02981	0.10062	0.521602	-1.91717	0.93349	1.03067	1.03067	0.0351365	0.411398	-2.43074	0.0717111	2.07033	2.07033	0.446384	0.755114	-1.3243	0.381256	1.38404	1.38404	0.562674	0.809121	-1.23591	2.20035	4.56411	1.84379	1
cg21745091	HINFP;HINFP	0.140255	0.515369	1.13417	1.13417	0.183233	1.30935	1.30935	0.0665423	1.48097	1.48097	0.819037	1.04471	1.04471	0.260336	0.799243	-1.25118	0.152008	0.746091	-1.34032	0.0386573	0.633114	-1.5795	0.864599	1.03311	1.03311	0.473383	1.14934	1.14934	2.20035	1.26956	0.512873	1
cg23930711	PCDHGA4;PCDHGA4;PCDHGA2;PCDHGA1;PCDHGB1;PCDHGA3	0.140256	0.046368	7.31604	7.31604	0.760907	0.766312	-1.30495	0.286497	2.62553	2.62553	0.26637	2.74554	2.74554	0.397276	2.12958	2.12958	0.627561	0.652867	-1.53171	0.920723	0.916844	-1.0907	0.0119939	15.3825	15.3825	0.115576	4.4454	4.4454	2.20034	26.5052	10.7075	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04899446	CASZ1;CASZ1	0.140258	0.0652344	0.377523	-2.64885	0.654027	0.80871	-1.23654	0.373027	0.650246	-1.53788	0.0958924	0.422865	-2.36482	0.0356939	0.316488	-3.15968	0.0877903	0.411963	-2.4274	0.598309	1.2843	1.2843	0.0396896	0.326471	-3.06306	0.235576	0.557089	-1.79505	2.20032	7.71898	3.11832	1
cg04083953	ZNF644;ZNF644;ZNF644;ZNF644	0.140262	0.477791	0.891703	-1.12145	0.172101	1.25965	1.25965	0.0789764	1.36312	1.36312	0.248951	1.21092	1.21092	0.0712778	0.726188	-1.37705	0.377314	0.865999	-1.15474	0.579366	0.914916	-1.093	0.0965576	0.748453	-1.33609	0.549027	1.10108	1.10108	2.20029	0.878937	0.355079	1
cg21944135	UCRC;ZMAT5;UCRC;ZMAT5	0.140262	0.110096	0.588842	-1.69825	0.415433	1.28806	1.28806	0.0406072	2.05236	2.05236	0.117967	1.67573	1.67573	0.665404	0.876062	-1.14147	0.194393	0.658699	-1.51814	0.189892	0.655582	-1.52536	0.457094	1.25898	1.25898	0.967285	1.01255	1.01255	2.20029	3.22273	1.30194	1
cg03525023	PRDM16;PRDM16	0.140263	0.0698311	2.17968	2.17968	0.0556828	2.30092	2.30092	0.38584	1.4073	1.4073	0.384113	1.40914	1.40914	0.163682	1.7705	1.7705	0.263368	1.56537	1.56537	0.0076602	3.73343	3.73343	0.574084	1.24391	1.24391	0.316951	1.48825	1.48825	2.20028	5.14733	2.07946	1
cg00464095	STAR;STAR	0.140264	0.373471	0.71247	-1.40357	0.0916543	0.501994	-1.99206	0.977405	0.989546	-1.01056	0.484708	1.30146	1.30146	0.0844133	0.492464	-2.0306	0.432763	1.3459	1.3459	0.741352	0.884344	-1.13078	0.144983	1.78752	1.78752	0.0479217	2.31441	2.31441	2.20028	4.79834	1.93848	1
cg12878812	SRRM4	0.140264	0.33496	1.32477	1.32477	0.412132	0.788847	-1.26767	0.154683	1.53856	1.53856	0.500558	1.21336	1.21336	0.63756	1.14364	1.14364	0.576742	1.17291	1.17291	0.0111245	0.406476	-2.46017	0.386313	1.28555	1.28555	0.320487	1.33688	1.33688	2.20028	2.78783	1.12625	1
cg07955541	WDR60	0.140266	0.634594	0.881302	-1.13468	0.690667	0.899818	-1.11134	0.446181	0.814708	-1.22743	0.896837	0.966345	-1.03483	0.00314299	0.344594	-2.90197	0.120281	0.640991	-1.56008	0.741022	0.916193	-1.09147	0.30184	0.754051	-1.32617	0.534909	0.847178	-1.18039	2.20027	2.42699	0.980483	1
cg18767321	JOSD1	0.140269	0.931744	0.987347	-1.01282	0.398625	1.13707	1.13707	0.844062	1.02971	1.02971	0.0305134	0.685304	-1.45921	0.757127	0.954935	-1.04719	0.7832	0.959829	-1.04185	0.0123899	0.629552	-1.58843	0.98029	0.996335	-1.00368	0.407115	1.13434	1.13434	2.20024	0.769987	0.311072	1
cg20489453	SMO	0.14027	0.0352444	1.45393	1.45393	0.983043	0.996762	-1.00325	0.193271	0.810498	-1.23381	0.85336	1.02864	1.02864	0.294786	1.18037	1.18037	0.32585	1.16745	1.16745	0.0293338	0.675882	-1.47955	0.865363	1.02624	1.02624	0.918747	0.984548	-1.01569	2.20023	0.811639	0.3279	1
cg15683497	SCNN1D;SCNN1D	0.140272	0.647017	0.826865	-1.20939	0.0471165	2.55189	2.55189	0.20601	1.73337	1.73337	0.297436	0.64056	-1.56114	0.731873	0.867776	-1.15237	0.957995	0.978516	-1.02196	0.306345	0.646163	-1.5476	0.0226758	0.324665	-3.0801	0.903255	0.951095	-1.05142	2.20022	5.925	2.3937	1
cg08461617	MAP3K15	0.140276	0.00851014	0.0492667	-20.2977	0.706369	0.712263	-1.40398	0.973292	1.03047	1.03047	0.200912	3.35688	3.35688	0.291488	0.374823	-2.66792	0.0675312	0.15941	-6.27313	0.486832	0.530787	-1.884	0.726007	0.729478	-1.37084	0.641174	0.656522	-1.52318	2.20019	28.0072	11.3151	1
cg01218148	ENHO	0.140278	0.700535	0.809707	-1.23502	0.148203	2.33312	2.33312	0.0356788	3.80134	3.80134	0.409786	1.58477	1.58477	0.0433325	0.28101	-3.55859	0.765585	0.849318	-1.17741	0.244573	0.514319	-1.94432	0.636001	1.29747	1.29747	0.578156	0.735775	-1.35911	2.20017	10.3963	4.20018	1
cg26290973	RPTOR;RPTOR	0.140278	0.324467	1.28536	1.28536	0.975466	1.00762	1.00762	0.256249	0.746493	-1.3396	0.734226	1.08771	1.08771	0.00627874	0.41545	-2.40703	0.371148	0.797274	-1.25427	0.546382	0.86019	-1.16253	0.810298	1.06112	1.06112	0.151895	0.684733	-1.46042	2.20017	2.12097	0.856891	1
cg23261420	CABC1	0.140281	0.527381	0.736389	-1.35798	0.911981	1.05426	1.05426	0.709981	1.19543	1.19543	0.938529	0.963815	-1.03754	0.0244695	0.277811	-3.59958	0.410092	0.668618	-1.49562	0.0177671	0.252248	-3.96436	0.07937	0.394318	-2.53602	0.815263	1.11833	1.11833	2.20015	7.95685	3.21467	1
cg09659400	WFDC5	0.140283	0.373209	0.780325	-1.28152	0.0277804	2.0253	2.0253	0.206764	1.4352	1.4352	0.944871	1.01894	1.01894	0.818134	1.06449	1.06449	0.998902	0.999627	-1.00037	0.0234533	2.08448	2.08448	0.183696	1.46626	1.46626	0.140606	1.53741	1.53741	2.20014	2.56555	1.03652	1
cg26206990	APH1B;APH1B	0.140284	0.453238	1.15596	1.15596	0.99563	0.998962	-1.00104	0.380039	1.18626	1.18626	0.868554	1.03192	1.03192	0.00942547	1.86682	1.86682	0.0555162	1.50929	1.50929	0.21937	0.782704	-1.27762	0.833457	0.960846	-1.04075	0.597014	1.10651	1.10651	2.20013	1.25378	0.506549	1
cg26954928	TSC22D3	0.140284	0.74957	1.25782	1.25782	0.345986	0.499011	-2.00396	0.383153	0.527013	-1.89749	0.0271985	0.153772	-6.50313	0.0242828	0.14614	-6.84275	0.24806	2.37473	2.37473	0.56113	1.52331	1.52331	0.612436	1.44181	1.44181	0.809131	0.840866	-1.18925	2.20013	17.8752	7.22188	1
cg09058099	CSDA;CSDA	0.140285	0.274007	0.480014	-2.08327	0.330012	0.523016	-1.91199	0.207463	0.424394	-2.3563	0.46402	0.618442	-1.61697	0.00962859	0.120887	-8.27222	0.0583282	0.25172	-3.97267	0.107272	0.321901	-3.10654	0.122076	0.339424	-2.94617	0.10544	0.319647	-3.12845	2.20012	14.4868	5.85291	1
cg11074977	MSL2;MSL2;MSL2	0.140287	0.151051	0.692068	-1.44495	0.504598	0.850466	-1.17583	0.140211	1.4617	1.4617	0.952332	1.0144	1.0144	0.921338	1.02391	1.02391	0.476997	0.841166	-1.18883	0.66679	1.10917	1.10917	0.0124595	2.10391	2.10391	0.208923	1.37279	1.37279	2.20011	1.99384	0.805549	1
cg22731204	NFIC;NFIC	0.140288	0.56003	1.12138	1.12138	0.213083	1.29034	1.29034	0.852027	0.964351	-1.03697	0.0124797	1.82989	1.82989	0.188359	1.31122	1.31122	0.513617	0.879171	-1.13743	0.0487526	1.54889	1.54889	0.822824	0.95734	-1.04456	0.614248	0.905927	-1.10384	2.2001	1.31677	0.532005	1
cg24378392	FAM115A	0.14029	0.0920368	1.69221	1.69221	0.900655	1.03606	1.03606	0.130617	1.58889	1.58889	0.475268	1.22866	1.22866	?	?	?	0.397227	0.78202	-1.27874	0.0326775	2.03183	2.03183	0.114006	1.62851	1.62851	0.326185	0.750118	-1.33312	2.21885	2.513	1.13257	1
cg22228071	CBX2	0.14029	0.0586452	0.628835	-1.59024	0.0172414	0.532531	-1.87783	0.106113	1.46709	1.46709	0.984656	1.00419	1.00419	0.42042	0.836303	-1.19574	0.332735	0.804928	-1.24235	0.334117	0.805458	-1.24153	0.893247	1.02959	1.02959	0.595647	0.890195	-1.12335	2.20009	1.64343	0.663986	1
cg23940587	RNASEH2A	0.140294	0.584082	1.08749	1.08749	0.985421	0.997232	-1.00278	0.896446	1.01995	1.01995	0.677586	1.06548	1.06548	0.615352	0.926022	-1.07989	0.941042	0.988841	-1.01128	0.00483058	1.76317	1.76317	0.419072	0.882272	-1.13344	0.230324	0.8262	-1.21036	2.20006	0.801944	0.324009	1
cg27078464	LOC440839	0.140295	0.070936	0.53547	-1.86752	0.402628	1.30365	1.30365	0.682991	0.880631	-1.13555	0.524579	0.819037	-1.22095	0.138933	0.610727	-1.63739	0.357123	0.745875	-1.34071	0.166805	0.633607	-1.57826	0.0477123	0.496119	-2.01565	0.0212529	0.424334	-2.35664	2.20005	3.3395	1.34926	1
cg19912883	RGPD2	0.140299	0.603236	0.879416	-1.13712	0.858952	0.957346	-1.04455	0.881586	1.0372	1.0372	0.354435	1.26296	1.26296	0.548216	0.861665	-1.16054	0.189481	0.711348	-1.40578	0.00975716	2.22752	2.22752	0.17187	0.700195	-1.42817	0.52396	0.85363	-1.17147	2.20002	2.09238	0.845398	1
cg07101029	TSC2;TSC2;TSC2	0.140299	0.101829	0.576957	-1.73323	0.107056	0.582595	-1.71646	0.0420951	0.487138	-2.05281	0.44523	0.787426	-1.26996	0.0158497	0.403537	-2.47809	0.748016	0.905755	-1.10405	0.942029	0.977913	-1.02259	0.485284	1.2433	1.2433	0.829299	0.935843	-1.06856	2.20002	3.28611	1.32771	1
cg22605682	SEC22B	0.140303	0.266898	1.31921	1.31921	0.759144	0.928991	-1.07644	0.0465093	1.72646	1.72646	0.11557	1.50639	1.50639	0.424456	0.822533	-1.21576	0.0431172	0.572732	-1.74602	0.228407	1.35361	1.35361	0.927898	1.02191	1.02191	0.970553	0.991198	-1.00888	2.19999	1.99871	0.807561	1
cg27549075	PTP4A2;PTP4A2	0.140306	0.110231	1.89897	1.89897	0.138981	1.79811	1.79811	0.0596875	2.18783	2.18783	0.125377	1.84246	1.84246	0.201926	1.64282	1.64282	0.281261	1.51071	1.51071	0.45177	1.32637	1.32637	0.0289542	2.58225	2.58225	0.0248436	2.67508	2.67508	2.19997	4.72926	1.91084	1
cg10441934	HPSE2;HPSE2;HPSE2;HPSE2	0.140306	0.955127	1.03133	1.03133	0.582939	0.737826	-1.35533	0.111179	2.58939	2.58939	0.880643	0.92092	-1.08587	0.225874	2.00829	2.00829	0.818987	0.881897	-1.13392	0.161326	0.440365	-2.27084	0.0141207	5.26296	5.26296	0.217912	2.03529	2.03529	2.19997	10.4741	4.23204	1
cg07912003	FAM176A	0.140309	0.283383	0.7611	-1.31389	0.867306	0.95987	-1.04181	0.557247	1.15649	1.15649	0.47604	1.19423	1.19423	0.0445435	0.568355	-1.75946	0.298417	1.30212	1.30212	0.0240276	1.93344	1.93344	0.326722	1.28145	1.28145	0.541115	1.16361	1.16361	2.19994	2.09022	0.844554	1
cg24035104	B4GALT2;B4GALT2	0.140318	0.807382	0.97681	-1.02374	0.951719	0.994201	-1.00583	0.362314	0.913985	-1.09411	0.947184	1.00638	1.00638	0.924792	0.990971	-1.00911	0.799088	1.0248	1.0248	0.00331825	0.681059	-1.4683	0.351384	0.911989	-1.0965	0.533912	1.06238	1.06238	2.19989	0.321479	0.129897	1
cg12333136	NIPAL1	0.14032	0.555251	1.12653	1.12653	0.0738001	0.671711	-1.48874	0.38231	0.836188	-1.1959	0.819714	1.04664	1.04664	0.626092	0.906609	-1.10301	0.430795	0.851665	-1.17417	0.00973439	0.520543	-1.92107	0.345594	1.21404	1.21404	0.210905	0.768583	-1.3011	2.19987	1.38909	0.56128	1
cg24136288	NMT1	0.140321	0.725308	1.13242	1.13242	0.363496	0.719491	-1.38987	0.0490766	0.452951	-2.20775	0.381469	1.37222	1.37222	0.00774956	0.299523	-3.33864	0.405228	0.740674	-1.35012	0.666819	0.858403	-1.16495	0.78269	0.907134	-1.10237	0.599399	0.829574	-1.20544	2.19986	4.32955	1.74942	1
cg02123091	HMGA2;HMGA2	0.140324	0.700854	1.22306	1.22306	0.0757614	0.35665	-2.80387	0.0212728	0.235966	-4.2379	0.606758	0.762754	-1.31104	0.221865	0.511848	-1.95371	0.09364	0.382226	-2.61625	0.279143	0.55603	-1.79846	0.0388942	0.287297	-3.48072	0.944235	1.03716	1.03716	2.19984	9.47979	3.8305	1
cg23854008	LOC650368	0.140325	0.168639	0.634457	-1.57615	0.1713	0.636484	-1.57113	0.543102	0.826187	-1.21038	0.702431	0.887751	-1.12644	0.389959	0.760899	-1.31423	0.120137	0.592762	-1.68702	0.0118083	0.377098	-2.65183	0.302334	0.717894	-1.39296	0.0238795	0.433376	-2.30746	2.19983	3.35212	1.35449	1
cg19628771	SRGAP3;SRGAP3	0.140327	0.340363	1.33939	1.33939	0.18983	1.51131	1.51131	0.114178	1.66701	1.66701	0.0800381	0.561247	-1.78175	0.469777	1.24446	1.24446	0.0608608	1.87456	1.87456	0.105995	1.69056	1.69056	0.757748	1.09637	1.09637	0.34112	0.74697	-1.33874	2.19982	3.08133	1.24509	1
cg06048153	MIR1257	0.140329	0.143916	1.9065	1.9065	0.459588	1.36269	1.36269	0.896413	1.05499	1.05499	0.392433	1.43344	1.43344	0.462544	1.35982	1.35982	0.0403301	2.64701	2.64701	0.0117036	3.64935	3.64935	0.0614703	2.37701	2.37701	0.193011	1.76151	1.76151	2.1998	5.88472	2.37788	1
cg23345579	MED28	0.140331	0.875044	1.03911	1.03911	0.0351768	1.81883	1.81883	0.192641	1.39959	1.39959	0.0191602	1.99584	1.99584	0.892091	0.967449	-1.03365	0.510595	0.849845	-1.17669	0.815857	0.944713	-1.05852	0.426547	0.820419	-1.21889	0.20389	1.3867	1.3867	2.19978	2.07093	0.836821	1
cg00044289	POP5;POP5	0.140333	0.493897	0.851669	-1.17417	0.0303696	1.80074	1.80074	0.1018	1.51275	1.51275	0.0637239	0.617728	-1.61883	0.8363	0.953309	-1.04898	0.294122	1.28593	1.28593	0.432572	0.831027	-1.20333	0.821688	0.949169	-1.05355	0.459669	1.19004	1.19004	2.19977	1.86076	0.7519	1
cg15113090	OTOF;OTOF;OTOF;OTOF	0.140333	0.322211	0.711594	-1.4053	0.609349	0.842417	-1.18706	0.00718676	0.315198	-3.17261	0.357819	1.36975	1.36975	0.182891	0.624841	-1.60041	0.731207	1.12157	1.12157	0.638873	0.854478	-1.17031	0.33208	1.39506	1.39506	0.370634	0.736471	-1.35783	2.19977	3.8569	1.55851	1
cg14321837	UXS1	0.140335	0.559795	0.66762	-1.49786	0.675599	1.33425	1.33425	0.977961	1.01911	1.01911	0.2225	0.415452	-2.40701	0.0363365	0.188758	-5.29778	0.54336	0.656071	-1.52423	0.0106368	0.110723	-9.03159	0.938491	0.948495	-1.0543	0.115198	0.30928	-3.23332	2.19976	16.3558	6.60913	1
cg25141818	SLC26A9;SLC26A9;SLC26A9	0.140335	0.648835	0.94057	-1.06319	0.866396	0.977749	-1.02276	0.0954348	0.782862	-1.27736	0.323192	1.1461	1.1461	0.0977597	0.78445	-1.27478	0.182591	1.20807	1.20807	0.212779	1.19168	1.19168	0.626373	0.936537	-1.06776	0.0423676	0.731663	-1.36675	2.19976	0.622201	0.251422	1
cg00984696	KALRN;KALRN	0.140336	0.182255	0.598942	-1.66961	0.50472	0.782627	-1.27775	0.0802823	0.495321	-2.01889	0.705765	0.871676	-1.14722	0.0553249	0.455425	-2.19575	0.0243566	0.378493	-2.64206	0.600763	1.21068	1.21068	0.309391	1.46359	1.46359	0.247671	0.645568	-1.54902	2.19975	4.56756	1.84569	1
cg06208229	C1QTNF8	0.140337	0.427347	1.14481	1.14481	0.392936	0.864122	-1.15724	0.940051	0.987527	-1.01263	0.427003	1.14493	1.14493	0.0108383	0.586285	-1.70566	0.57627	1.0988	1.0988	0.578026	1.09831	1.09831	0.0606807	0.702644	-1.4232	0.988302	0.997557	-1.00245	2.19974	0.970161	0.392031	1
cg14533298	PXDNL	0.140338	0.127606	0.643119	-1.55492	0.0349168	0.517544	-1.9322	0.410249	0.798007	-1.25312	0.340643	0.768649	-1.30098	0.010079	0.418939	-2.38698	0.807908	0.936818	-1.06744	0.808467	1.06724	1.06724	0.556856	0.852812	-1.17259	0.146919	0.658948	-1.51757	2.19974	2.50128	1.01074	1
cg14776518	FBXL22	0.140338	0.163817	0.649345	-1.54001	0.23906	1.43091	1.43091	0.385847	0.772327	-1.29479	0.0814691	1.75276	1.75276	0.134238	0.625436	-1.59888	0.0596908	1.85436	1.85436	0.467765	1.2395	1.2395	0.76544	0.916724	-1.09084	0.295951	1.37018	1.37018	2.19973	2.94219	1.18891	1
cg19099296	TRAF3IP3	0.140341	0.969911	1.01945	1.01945	0.381186	0.63211	-1.582	0.0238745	0.252413	-3.96176	0.627167	1.28398	1.28398	0.0206537	0.240921	-4.15074	0.132179	0.436144	-2.29282	0.754648	0.85206	-1.17363	0.194826	0.496424	-2.01441	0.147165	0.451843	-2.21316	2.19972	9.08571	3.67147	1
cg09041527	FDFT1	0.140343	0.629395	0.893603	-1.11907	0.04155	1.72231	1.72231	0.160067	1.41516	1.41516	0.153106	1.42467	1.42467	0.796579	0.941989	-1.06158	0.469983	1.18536	1.18536	0.0432703	0.584011	-1.7123	0.311758	1.27391	1.27391	0.773902	0.935536	-1.06891	2.1997	1.86456	0.753461	1
cg27052402	DDHD2;DDHD2;DDHD2	0.140344	0.0444899	0.55696	-1.79546	0.293362	0.758465	-1.31845	0.0196915	0.489429	-2.0432	0.0559503	0.577432	-1.73181	0.195489	0.706636	-1.41516	0.861425	1.04531	1.04531	0.539648	1.17057	1.17057	0.35485	0.785522	-1.27304	0.879362	0.962211	-1.03927	2.19969	2.24104	0.905598	1
cg19894580	LYSMD4	0.140345	0.302802	1.19585	1.19585	0.22657	1.23763	1.23763	0.0578116	1.4397	1.4397	0.709016	0.939395	-1.06452	0.723468	0.942475	-1.06104	0.675127	0.932101	-1.07284	0.543729	0.902473	-1.10807	0.0752403	1.39896	1.39896	0.0504447	0.684329	-1.46129	2.31721	0.997925	0.334956	1
cg18493348	MAP3K9	0.140348	0.980126	0.994719	-1.00531	0.318128	1.24526	1.24526	0.770718	1.06409	1.06409	0.0254626	1.75851	1.75851	0.258961	0.778521	-1.28449	0.0289338	1.72887	1.72887	0.307186	1.25196	1.25196	0.180241	1.35324	1.35324	0.579827	0.887917	-1.12623	2.19966	1.57426	0.636162	1
cg01493016	SLC34A2	0.140349	0.0630014	6.02672	6.02672	0.688185	0.707179	-1.41407	0.643613	1.49201	1.49201	0.154629	3.70032	3.70032	0.448129	0.514826	-1.9424	0.184197	3.35278	3.35278	0.0349917	8.24832	8.24832	0.0688476	5.74746	5.74746	0.106683	4.53935	4.53935	2.19966	25.6958	10.3838	1
cg21156386	DEAF1	0.140349	0.233923	0.374963	-2.66693	0.228954	2.69784	2.69784	0.0747492	4.76027	4.76027	0.730103	1.31289	1.31289	0.0269289	0.127484	-7.84415	0.46363	1.79748	1.79748	0.278362	0.41228	-2.42553	0.515767	1.67867	1.67867	0.52118	0.599802	-1.66722	2.19965	21.5269	8.69911	1
cg10545536	LIMD1	0.140351	0.441671	1.48581	1.48581	0.932233	0.958104	-1.04373	0.57802	0.753359	-1.32739	0.12779	2.31319	2.31319	0.600612	0.766305	-1.30496	0.0992681	2.51527	2.51527	0.593258	1.31217	1.31217	0.0181736	0.225669	-4.43126	0.328332	1.66557	1.66557	2.31716	9.09709	3.05353	1
cg06098705	CRELD1;CRELD1;CRELD1	0.140351	0.0493805	0.197228	-5.07028	0.788659	0.823273	-1.21466	0.486578	0.599479	-1.66812	0.131236	0.307451	-3.25255	0.197975	0.373487	-2.67747	0.114522	0.288687	-3.46396	0.0163659	0.119538	-8.36556	0.937517	1.05839	1.05839	0.0669765	0.226212	-4.42063	2.19964	18.252	7.37577	1
cg22816621	FAM18B	0.140353	0.0539504	10.1454	10.1454	0.126678	5.7526	5.7526	0.302638	3.09825	3.09825	0.090092	7.23064	7.23064	0.079475	7.85814	7.85814	0.548182	1.90315	1.90315	0.0235006	17.5573	17.5573	0.110497	6.30832	6.30832	0.0777412	7.97374	7.97374	2.19963	39.0724	15.7895	1
cg13745957	NEK5	0.140355	0.795647	0.975741	-1.02486	0.257734	0.894264	-1.11824	0.999831	0.99998	-1.00002	0.0857454	0.835525	-1.19685	0.249208	0.892294	-1.12071	0.155415	0.866022	-1.1547	0.0498369	1.23575	1.23575	0.142017	1.16111	1.16111	0.333196	0.909872	-1.09906	2.19961	0.311912	0.126047	1
cg21822140	BAI2	0.14036	0.773557	0.95854	-1.04325	0.149936	1.25427	1.25427	0.937079	0.988478	-1.01166	0.881148	0.978279	-1.0222	0.554529	0.915995	-1.09171	0.217026	1.21003	1.21003	0.818347	1.03434	1.03434	0.0262356	1.47256	1.47256	0.0178162	1.52625	1.52625	2.19958	0.750522	0.3033	1
cg15741247	SMOC2;SMOC2	0.140362	0.100134	0.418119	-2.39166	0.098349	0.415829	-2.40484	0.018904	0.252557	-3.95951	0.44684	0.687088	-1.45542	0.0461852	0.330978	-3.02135	0.248367	0.557618	-1.79334	0.916535	0.950525	-1.05205	0.0967896	0.413806	-2.41659	0.111107	0.431652	-2.31668	2.19956	8.16179	3.29835	1
cg08377550	MTERFD2;MTERFD2;SNED1;MTERFD2	0.140364	0.0133413	2.08149	2.08149	0.172909	0.706901	-1.41462	0.226233	1.35511	1.35511	0.581124	1.14256	1.14256	0.534342	0.860276	-1.16242	0.877412	1.0376	1.0376	0.0626112	1.65053	1.65053	0.80059	1.0624	1.0624	0.989934	0.996987	-1.00302	2.19955	1.99236	0.805161	1
cg10977834	CCNI;CCNI	0.140367	0.352045	0.859827	-1.16302	0.280863	1.19334	1.19334	0.389588	1.14916	1.14916	0.822414	1.03609	1.03609	0.810833	0.962893	-1.03854	0.29323	0.84203	-1.18761	0.00699358	0.576912	-1.73337	0.452106	1.1284	1.1284	0.544981	0.907913	-1.10143	2.19952	0.866271	0.350085	1
cg24508561	RDX	0.14037	0.0951668	1.3295	1.3295	0.0394553	0.690726	-1.44775	0.0287556	0.669901	-1.49276	0.827839	1.03441	1.03441	0.824424	1.03512	1.03512	0.680123	0.937635	-1.06651	0.349566	1.16133	1.16133	0.771219	0.955722	-1.04633	0.626344	0.926619	-1.07919	2.1995	0.84044	0.339649	1
cg05744510	EIF1	0.140373	0.134259	2.68716	2.68716	0.281948	1.97487	1.97487	0.944304	1.04318	1.04318	?	?	?	0.119933	2.81144	2.81144	0.0277178	5.03705	5.03705	0.834076	0.880788	-1.13535	0.50394	0.662831	-1.50868	0.153998	0.393318	-2.54247	2.33457	11.7772	4.41413	1
cg03777575	GANAB;GANAB	0.140374	0.109424	0.391766	-2.55254	0.143862	2.32354	2.32354	0.18023	0.465782	-2.14693	0.584673	1.34493	1.34493	0.240735	0.517154	-1.93366	0.880603	0.922472	-1.08404	0.0467865	0.294596	-3.39447	0.132422	0.418217	-2.3911	0.101993	0.382515	-2.61428	2.19947	10.0415	4.05815	1
cg27498114	ADRB3	0.140376	0.0931018	0.199143	-5.02153	0.850069	1.17691	1.17691	0.896248	0.893783	-1.11884	0.563944	1.65345	1.65345	0.93801	1.06923	1.06923	0.278267	0.376769	-2.65415	0.78754	1.26184	1.26184	0.00963301	18.7146	18.7146	0.418718	2.04108	2.04108	2.31696	26.6077	8.93193	1
cg13650687	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.140377	0.708131	1.0608	1.0608	0.0894165	1.34167	1.34167	0.310629	0.848194	-1.17898	0.670717	0.935083	-1.06942	0.00931484	0.595892	-1.67816	0.589028	1.08937	1.08937	0.822593	1.03587	1.03587	0.591721	1.08869	1.08869	0.49274	0.896429	-1.11554	2.19945	0.858019	0.346761	1
cg08199013	ARHGDIG	0.140377	0.166815	1.59285	1.59285	0.176192	1.57487	1.57487	0.280013	1.42573	1.42573	0.444555	1.2791	1.2791	0.19525	1.54135	1.54135	0.0661371	1.91746	1.91746	0.0161161	2.53434	2.53434	0.0756467	1.8674	1.8674	0.0470282	2.05017	2.05017	2.19945	3.47474	1.40429	1
cg10487724	TEX14;RAD51C;TEX14;RAD51C	0.140378	?	?	?	0.689348	1.5889	1.5889	0.685086	1.59973	1.59973	?	?	?	0.0106122	46.4975	46.4975	?	?	?	0.925051	1.11444	1.11444	?	?	?	0.560683	1.97106	1.97106	2.41869	27.622	15.9883	1
cg00910695	RSPO2;RSPO2	0.140379	0.583508	0.868948	-1.15082	0.0462197	1.785	1.785	0.109405	1.55711	1.55711	0.902529	1.03157	1.03157	0.14671	1.48463	1.48463	0.193323	0.705236	-1.41796	0.0990479	0.632051	-1.58215	0.424423	1.22993	1.22993	0.447416	1.21707	1.21707	2.19943	2.24205	0.906113	1
cg05825400	ABR;ABR;ABR	0.140381	0.906469	1.025	1.025	0.21342	0.759365	-1.31689	0.175909	1.35304	1.35304	0.313662	1.24476	1.24476	0.89441	1.02829	1.02829	0.925182	0.980459	-1.01993	0.11883	1.42717	1.42717	0.0145593	1.88185	1.88185	0.0966241	1.46701	1.46701	2.19942	1.53765	0.621437	1
cg20206277	NCRNA00111	0.140388	0.988492	0.996029	-1.00399	0.177543	1.48492	1.48492	0.650835	1.13395	1.13395	0.895281	0.964318	-1.037	0.120664	1.59106	1.59106	0.0683944	1.75582	1.75582	0.00779352	2.56647	2.56647	0.193166	1.46219	1.46219	0.377745	1.28365	1.28365	2.19936	2.65159	1.07166	1
cg01837533	KIAA1407	0.140389	0.17675	0.379876	-2.63244	0.997172	0.997614	-1.00239	0.0973004	0.293308	-3.40939	0.342895	1.9322	1.9322	0.0194255	0.148858	-6.71782	0.407262	0.56472	-1.77079	0.149354	0.352702	-2.83525	0.329055	0.507122	-1.97191	0.0576818	0.235335	-4.24927	2.19936	15.8269	6.39655	1
cg14574329	KIF3C	0.140391	0.421833	1.15965	1.15965	0.291895	1.21824	1.21824	0.00943297	1.81115	1.81115	0.21513	1.26559	1.26559	0.42967	0.864566	-1.15665	0.467155	1.14289	1.14289	0.487514	0.880443	-1.13579	0.0703183	1.44079	1.44079	0.450043	1.14905	1.14905	2.19935	1.13506	0.458745	1
cg15982117	HLA-DRB1	0.140391	0.0123639	51.5982	51.5982	0.315213	3.72467	3.72467	0.356702	3.32113	3.32113	0.414823	2.8732	2.8732	0.614648	1.90176	1.90176	0.0630726	14.1164	14.1164	0.709763	1.6054	1.6054	0.128478	8.0083	8.0083	0.0311266	24.6122	24.6122	2.19934	55.8472	22.5712	1
cg16168950	NPL	0.140391	0.184868	0.773647	-1.29258	0.351538	0.839478	-1.19122	0.677325	1.07936	1.07936	0.0388329	0.646262	-1.54736	0.588245	0.905059	-1.1049	0.473748	1.14222	1.14222	0.0389751	1.54672	1.54672	0.59738	0.907306	-1.10216	0.196707	0.7795	-1.28287	2.19934	1.16015	0.468889	1
cg16761131	TRIOBP;TRIOBP;TRIOBP	0.140393	0.855394	0.894473	-1.11798	0.0904708	0.319707	-3.12786	0.0409921	4.22807	4.22807	0.896758	0.923706	-1.0826	0.225029	0.458861	-2.17931	0.973201	1.02075	1.02075	?	?	?	0.15665	2.52482	2.52482	0.163433	2.48248	2.48248	2.21807	11.6695	5.26109	1
cg07613391	TGFBR2;TGFBR2	0.140397	0.635864	0.836076	-1.19606	0.299933	1.49664	1.49664	0.897705	1.04946	1.04946	0.010917	0.301407	-3.31777	0.779434	0.899976	-1.11114	0.850085	1.07361	1.07361	0.0762851	2.09656	2.09656	0.40852	1.37344	1.37344	0.523206	0.784376	-1.2749	2.1993	4.90777	1.98357	1
cg26407212	CAV3;CAV3	0.140397	0.441989	0.913373	-1.09484	0.920184	1.01165	1.01165	0.468689	0.918318	-1.08895	0.261693	0.873472	-1.14486	0.250298	1.14895	1.14895	0.59652	0.940115	-1.0637	0.0164757	1.4031	1.4031	0.213428	0.859479	-1.1635	0.152185	0.837544	-1.19397	2.1993	0.465309	0.188063	1
cg04854794	C4orf43;C4orf43	0.1404	0.121994	0.652467	-1.53264	0.12965	1.51752	1.51752	0.0911396	1.60643	1.60643	0.209716	1.40041	1.40041	0.616263	0.879223	-1.13737	0.835273	0.948339	-1.05448	0.10871	0.640392	-1.56154	0.809784	1.06336	1.06336	0.111287	1.55564	1.55564	2.19928	2.26033	0.913564	1
cg05773194	ITPKB	0.140401	0.0109992	0.223546	-4.47336	0.236463	0.558473	-1.7906	0.184637	0.516447	-1.93631	0.455792	0.699972	-1.42863	0.0870589	0.411744	-2.4287	0.599352	0.779625	-1.28267	0.133027	0.467137	-2.1407	0.315344	1.62834	1.62834	0.268328	0.581906	-1.71849	2.19927	7.68173	3.10476	1
cg20881910	NTM;NTM;NTM;NTM	0.140402	0.534961	0.905714	-1.1041	0.0753444	0.731938	-1.36624	0.285641	1.19098	1.19098	0.50744	0.899436	-1.11181	0.969457	1.00605	1.00605	0.0599947	1.39714	1.39714	0.0920603	0.746562	-1.33947	0.152524	0.785433	-1.27318	0.384281	1.15096	1.15096	2.19926	0.865229	0.349704	1
cg14983362	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4	0.140404	0.826494	1.05393	1.05393	0.139763	1.46257	1.46257	0.261774	1.32314	1.32314	0.0322475	0.548792	-1.82218	0.866393	1.04111	1.04111	0.0532423	0.591283	-1.69124	0.501616	1.17726	1.17726	0.305347	1.28913	1.28913	0.804954	0.942517	-1.06099	2.19925	1.99418	0.806004	1
cg05643453	CASQ1	0.140405	0.0632081	0.162785	-6.14306	0.673511	0.691991	-1.44511	0.893676	1.1232	1.1232	0.314023	0.404683	-2.47107	0.0514066	0.145599	-6.86817	0.103905	0.213337	-4.68742	0.0185497	0.0837036	-11.9469	0.108866	0.218881	-4.56869	0.227045	0.332249	-3.00979	2.19924	26.2921	10.6267	1
cg10057126	ANKRD56	0.140405	0.59366	1.35868	1.35868	0.406594	1.62128	1.62128	0.66243	0.778783	-1.28405	0.942822	1.04167	1.04167	0.00479136	0.118739	-8.42181	0.275199	0.52407	-1.90814	0.898785	0.930132	-1.07512	0.421027	1.59658	1.59658	0.866769	1.10028	1.10028	2.19924	11.2836	4.56059	1
cg00664609	RAB26	0.14041	0.157204	0.520528	-1.92113	0.652835	0.822478	-1.21584	0.73469	0.863456	-1.15814	0.306583	0.633269	-1.57911	0.027399	0.32424	-3.08414	0.387715	0.682415	-1.46538	0.00854516	0.234998	-4.25536	0.182282	0.542823	-1.84222	0.323819	0.644159	-1.55241	2.1992	6.48844	2.62254	1
cg09088508	RHOF	0.140415	0.765904	1.20746	1.20746	0.0254795	5.34546	5.34546	0.104043	3.07137	3.07137	0.0613124	3.78535	3.78535	0.893129	0.918636	-1.08857	0.212868	2.28946	2.28946	0.0601634	3.81357	3.81357	0.191501	2.39424	2.39424	0.0729469	3.53539	3.53539	2.19917	13.8839	5.61178	1
cg09898060	RAB6A;RAB6A	0.140415	0.439206	1.59338	1.59338	0.364096	1.7345	1.7345	0.0969922	2.93181	2.93181	?	?	?	0.11081	0.358476	-2.78959	0.0601254	0.285898	-3.49776	0.966022	1.02547	1.02547	0.383482	0.589968	-1.69501	0.195109	2.24609	2.24609	2.21791	10.8867	4.90855	1
cg04316126	PNKP	0.140417	0.246877	1.27966	1.27966	0.200301	0.759181	-1.31721	0.397752	0.838335	-1.19284	0.545919	0.882968	-1.13254	0.158449	0.735627	-1.35938	0.104774	0.696939	-1.43485	0.0513399	1.5712	1.5712	0.225429	1.29599	1.29599	0.537642	1.13554	1.13554	2.19916	1.4446	0.5839	1
cg08125821	CSMD3;CSMD3	0.140418	0.497739	0.820254	-1.21913	0.322053	1.34238	1.34238	0.0271877	2.12229	2.12229	0.916947	1.03048	1.03048	0.788707	0.925599	-1.08038	0.618857	1.15529	1.15529	0.0217179	0.452444	-2.21022	0.486393	1.22577	1.22577	0.776364	1.08543	1.08543	2.19915	2.88562	1.16636	1
cg17311290	AKAP8	0.14042	0.263322	1.37625	1.37625	0.761167	1.08707	1.08707	0.729688	1.09966	1.09966	0.193194	0.685844	-1.45806	0.0792709	0.586516	-1.70498	0.0369455	0.514999	-1.94175	0.203119	0.692162	-1.44475	0.1444	1.53632	1.53632	0.548676	0.846877	-1.18081	2.19913	2.61232	1.0559	1
cg01449321	ATP2C1;ATP2C1;ATP2C1;ATP2C1;ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.14042	0.0116904	0.516347	-1.93668	0.679957	1.09092	1.09092	0.375119	1.21043	1.21043	0.640502	0.90604	-1.1037	0.6918	0.919808	-1.08718	0.210165	1.31922	1.31922	0.791996	1.05702	1.05702	0.608636	0.89732	-1.11443	0.0957157	1.46801	1.46801	2.19913	1.53294	0.619616	1
cg08784966	TBC1D22B	0.140422	0.395101	1.15044	1.15044	0.0129659	1.64248	1.64248	0.777228	1.0467	1.0467	0.0975527	0.746372	-1.33981	0.57783	1.09469	1.09469	0.44427	1.13371	1.13371	0.822248	0.964441	-1.03687	0.0764956	1.3731	1.3731	0.812213	1.03904	1.03904	2.19912	0.901804	0.364512	1
cg25534601	C6orf123	0.140423	0.123821	0.576716	-1.73396	0.175356	0.621312	-1.6095	0.0969929	0.547957	-1.82496	0.456874	0.778629	-1.28431	0.0197697	0.394747	-2.53327	0.914836	1.03596	1.03596	0.649834	1.16292	1.16292	0.203294	1.55811	1.55811	0.256555	0.676328	-1.47857	2.19911	3.79833	1.5353	1
cg16019898	TAF7	0.140426	0.864309	0.923655	-1.08266	0.107246	2.26214	2.26214	0.0243033	3.47814	3.47814	0.156853	0.495069	-2.01992	0.955102	1.02649	1.02649	0.778982	1.13955	1.13955	0.3284	0.626012	-1.59741	0.145529	0.484012	-2.06607	0.422566	1.4628	1.4628	2.19909	7.50852	3.035	1
cg18905174	MGC26597	0.140428	0.384338	1.32427	1.32427	0.63886	0.86171	-1.16048	0.0612469	0.514744	-1.94271	0.53115	1.2211	1.2211	0.00803202	0.343218	-2.9136	0.322856	0.72503	-1.37925	0.622451	0.855326	-1.16914	0.896345	0.959789	-1.0419	0.415228	0.769339	-1.29982	2.19908	3.4532	1.39582	1
cg17692792	MGC87042;MGC87042	0.14043	0.523274	0.833643	-1.19955	0.618311	1.15175	1.15175	0.107485	0.610123	-1.63901	0.315909	1.33863	1.33863	0.313555	0.745899	-1.34066	0.364568	0.769472	-1.29959	0.0132795	2.37029	2.37029	0.452559	1.24016	1.24016	0.897871	1.03678	1.03678	2.19906	2.75519	1.11369	1
cg04673465	CDS1	0.140431	0.932013	0.960469	-1.04116	0.69545	1.20438	1.20438	0.573999	0.764524	-1.308	0.359174	0.6404	-1.56152	0.00577045	0.18089	-5.52823	0.575468	0.765328	-1.30663	0.651065	1.24014	1.24014	0.517595	1.36356	1.36356	0.0937709	0.418485	-2.38957	2.19905	7.782	3.1456	1
cg10589018	LOC641367;ZNF100	0.140434	0.292477	1.16857	1.16857	0.193257	1.21698	1.21698	0.722028	1.05227	1.05227	0.483918	0.903508	-1.1068	0.628468	1.07202	1.07202	0.707141	0.947589	-1.05531	0.0177299	1.5088	1.5088	0.0250409	1.46265	1.46265	0.199132	1.21352	1.21352	2.19903	0.708575	0.286419	1
cg00174428	LMX1A	0.140441	0.992749	0.998297	-1.00171	0.964779	0.991752	-1.00832	0.227122	1.26851	1.26851	0.242577	1.25784	1.25784	0.0677396	1.46791	1.46791	0.873784	1.03027	1.03027	0.0132676	0.562338	-1.77829	0.908638	0.978697	-1.02177	0.800867	0.9537	-1.04855	2.19898	1.22535	0.495322	1
cg22761099	IRF3;BCL2L12;BCL2L12	0.140442	0.495303	1.09794	1.09794	0.828586	0.971162	-1.02969	0.262253	1.17087	1.17087	0.171009	0.821428	-1.21739	0.0455597	1.36262	1.36262	0.215318	0.838616	-1.19244	0.0346527	1.39426	1.39426	0.528098	1.09009	1.09009	0.396615	1.12428	1.12428	2.19897	0.634241	0.256379	1
cg25527732	ASAM	0.140444	0.551513	1.15948	1.15948	0.485831	0.840352	-1.18998	0.567429	0.867655	-1.15253	0.352548	0.790605	-1.26485	0.0201613	1.99025	1.99025	0.904321	0.970897	-1.02998	0.022343	1.95882	1.95882	0.889993	1.03457	1.03457	0.541964	1.16372	1.16372	2.19896	2.10083	0.849223	1
cg04466214	NGFR	0.140444	0.344644	0.80925	-1.23571	0.142988	0.710143	-1.40817	0.303249	0.793059	-1.26094	0.157088	0.719626	-1.38961	0.716548	0.923779	-1.08251	0.361797	0.81561	-1.22608	0.0225329	1.81133	1.81133	0.26002	0.774559	-1.29106	0.36086	1.22659	1.22659	2.19896	1.64649	0.665563	1
cg17116091	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.140445	0.285717	0.707988	-1.41245	0.314632	0.723348	-1.38246	0.0386947	0.474399	-2.10793	0.912934	0.966509	-1.03465	0.917983	0.968429	-1.0326	0.0532235	1.98186	1.98186	0.184195	1.55074	1.55074	0.601632	1.17828	1.17828	0.227576	1.48365	1.48365	2.19895	3.37831	1.36562	1
cg07067448	FAM38A	0.140447	0.675719	0.773077	-1.29353	0.350482	1.80024	1.80024	0.724628	1.24158	1.24158	0.54327	1.45707	1.45707	0.00442578	0.0979092	-10.2135	0.416612	0.601756	-1.6618	0.476314	0.642058	-1.55749	0.48524	0.648002	-1.54321	0.84413	1.12798	1.12798	2.19893	13.0347	5.26912	1
cg10598035	FLJ35220;FLJ35220;FLJ35220;LOC100294362;FLJ35220;FLJ35220;FLJ35220	0.140451	0.00306204	0.317655	-3.14807	0.640371	1.14231	1.14231	0.921474	1.02827	1.02827	0.431127	0.796747	-1.2551	0.944537	1.01987	1.01987	0.793112	0.928368	-1.07716	0.605643	0.863056	-1.15867	0.306009	0.74104	-1.34945	0.978986	0.99258	-1.00748	2.19891	2.78476	1.12571	1
cg03037331	DEGS1;DEGS1	0.140453	0.171081	1.37175	1.37175	0.0478156	1.63358	1.63358	0.285088	1.27228	1.27228	0.496118	1.1617	1.1617	0.010343	2.01492	2.01492	0.0798501	1.52433	1.52433	0.84041	0.957213	-1.0447	0.992514	1.00204	1.00204	0.467248	1.17402	1.17402	2.19889	1.63819	0.662228	1
cg12550146	ERICH1	0.140456	0.640957	0.916246	-1.09141	0.390778	0.848942	-1.17794	0.237942	0.794357	-1.25888	0.53884	1.12286	1.12286	0.596359	1.10467	1.10467	0.198442	1.28802	1.28802	0.0118493	1.79521	1.79521	0.285991	0.813539	-1.2292	0.424897	0.859194	-1.16388	2.19887	1.20784	0.488267	1
cg24586039	RBPMS;RBPMS;RBPMS;RBPMS	0.140456	0.482502	0.604582	-1.65403	0.0163714	0.126343	-7.91495	0.0269338	0.15767	-6.34237	0.468454	0.594489	-1.68212	0.065835	0.233356	-4.28529	0.32051	0.484975	-2.06196	0.174036	0.360765	-2.77189	0.107714	0.290097	-3.44712	0.669812	0.73904	-1.35311	2.19887	17.3093	6.99727	1
cg07689487	C3orf71;ARIH2	0.14046	0.22533	1.20755	1.20755	0.0171051	0.650214	-1.53795	0.343968	1.15532	1.15532	0.36316	0.870738	-1.14845	0.621836	0.929012	-1.07641	0.201656	1.22102	1.22102	0.985699	1.00266	1.00266	0.136751	0.78867	-1.26796	0.390245	0.877756	-1.13927	2.19884	0.763849	0.308789	1
cg17503786	LY96	0.140461	0.237475	1.24221	1.24221	0.780906	0.952308	-1.05008	0.555051	0.90066	-1.1103	0.573749	1.10475	1.10475	0.599295	0.911267	-1.09737	0.868897	0.971463	-1.02938	0.00619276	1.86939	1.86939	0.111734	1.35468	1.35468	0.897698	0.977709	-1.0228	2.19883	1.06966	0.432416	1
cg24091371	XKR8	0.140461	0.0408274	32.2674	32.2674	0.0527318	25.5402	25.5402	0.13365	10.8102	10.8102	0.0883948	15.9005	15.9005	0.629288	0.488824	-2.04573	0.588396	0.447543	-2.23442	0.383549	3.72402	3.72402	0.063807	21.4539	21.4539	0.969669	0.945587	-1.05754	2.19883	75.4043	30.4826	1
cg07386228	ZNRD1;NCRNA00171;ZNRD1	0.140462	0.254157	1.58318	1.58318	0.0209255	2.99513	2.99513	0.023281	2.91323	2.91323	0.598348	1.22633	1.22633	0.282061	0.649864	-1.53878	0.866424	1.06666	1.06666	0.690418	0.857644	-1.16599	0.788961	0.902252	-1.10834	0.980912	1.00921	1.00921	2.31625	5.2757	1.77154	1
cg19582128	FREM2	0.140463	0.0200108	0.481783	-2.07562	0.466619	1.21255	1.21255	0.455368	0.82053	-1.21872	0.488079	0.832552	-1.20113	0.338408	0.773578	-1.29269	0.135042	1.52065	1.52065	0.0948854	1.61204	1.61204	0.537756	0.850168	-1.17624	0.710429	0.907535	-1.10189	2.19881	2.35695	0.952818	1
cg20023324	LRRC37B	0.140467	0.321413	0.608839	-1.64247	0.0766389	2.59579	2.59579	0.174764	2.01201	2.01201	0.532095	1.35873	1.35873	0.0283761	0.285547	-3.50205	0.547794	1.34261	1.34261	0.899109	1.06337	1.06337	0.742591	1.17308	1.17308	0.170574	0.493187	-2.02763	2.19879	8.17033	3.30297	1
cg09251111	DSCR3	0.140468	0.880862	0.97112	-1.02974	0.137478	1.36692	1.36692	0.262886	1.25619	1.25619	0.316222	0.816708	-1.22443	0.027553	0.600974	-1.66397	0.200186	0.767652	-1.30267	0.18509	0.759858	-1.31603	0.861274	1.03477	1.03477	0.255171	1.26129	1.26129	2.19878	1.32961	0.537512	1
cg01678339	IGF2BP2;IGF2BP2	0.140469	0.20372	0.796281	-1.25584	0.36288	1.17211	1.17211	0.103117	1.3536	1.3536	0.724305	1.06198	1.06198	0.149017	1.30055	1.30055	0.221907	1.24359	1.24359	0.317606	0.839101	-1.19175	0.200295	0.794746	-1.25826	0.0521225	1.45522	1.45522	2.19878	1.00419	0.40596	1
cg07309764	GNAI1	0.14047	0.193152	0.808234	-1.23727	0.0323726	1.47303	1.47303	0.198416	1.23384	1.23384	0.733672	0.94857	-1.05422	0.120117	0.770534	-1.2978	0.239421	0.826577	-1.20981	0.153132	0.789376	-1.26682	0.7338	1.05419	1.05419	0.951374	0.990616	-1.00947	2.19877	0.832342	0.336488	1
cg04597765	TRIO	0.14047	0.556222	0.828836	-1.20651	0.234193	1.48195	1.48195	0.565052	1.20137	1.20137	0.997527	1.00098	1.00098	0.494745	1.24445	1.24445	0.244527	1.46815	1.46815	0.00529801	3.18747	3.18747	0.160022	1.6056	1.6056	0.178281	1.57008	1.57008	2.19876	3.46461	1.40063	1
cg26293001	C17orf56	0.14047	0.642865	1.10026	1.10026	0.927082	1.01891	1.01891	0.610488	1.11084	1.11084	0.450603	1.17033	1.17033	0.300241	0.8028	-1.24564	0.0110412	0.520877	-1.91984	0.0809135	1.48588	1.48588	0.878634	0.969217	-1.03176	0.417454	0.844044	-1.18477	2.19876	1.45796	0.589406	1
cg17456704	ZNF625	0.140472	0.648357	1.09011	1.09011	0.231124	1.26621	1.26621	0.784402	0.949774	-1.05288	0.940508	0.986073	-1.01412	0.931386	1.01631	1.01631	0.0345548	0.629313	-1.58903	0.0260947	0.608916	-1.64226	0.915015	0.980141	-1.02026	0.0870257	0.701103	-1.42632	2.19876	1.22957	0.497078	1
cg22728128	DDX20;C1orf183	0.140475	0.340232	0.664776	-1.50427	0.272714	1.60679	1.60679	0.285413	0.630709	-1.58552	0.226034	0.589718	-1.69573	0.383676	0.689988	-1.4493	0.421421	0.710932	-1.4066	0.00735471	0.238088	-4.20012	0.107772	0.48236	-2.07314	0.453307	0.728073	-1.37349	2.19873	6.00946	2.42947	1
cg11191040	SNHG12;SNORA44;SNORA16A;SNORA61	0.140477	0.00979029	0.423405	-2.3618	0.780029	1.07646	1.07646	0.377218	1.26926	1.26926	0.520922	0.842636	-1.18675	0.40303	0.798368	-1.25256	0.577525	1.15959	1.15959	0.0824095	0.602742	-1.65908	0.142207	0.660223	-1.51464	0.645191	0.885144	-1.12976	2.19872	2.41126	0.974813	1
cg20419545	IGFBP5	0.140478	0.797774	0.913423	-1.09478	0.232563	0.643066	-1.55505	0.571271	1.22359	1.22359	0.200879	0.620989	-1.61033	0.0702283	0.489794	-2.04168	0.0613221	0.475425	-2.10338	0.0269918	0.397079	-2.51839	0.051829	0.458223	-2.18234	0.341094	0.707521	-1.41338	2.19871	4.33141	1.75109	1
cg10032387	TMEM156	0.140478	0.243542	0.748659	-1.33572	0.0673203	0.614858	-1.62639	0.0921775	0.644204	-1.5523	0.136017	0.68311	-1.46389	0.0509408	0.590092	-1.69465	0.0673158	0.614852	-1.62641	0.02877	0.542373	-1.84375	0.112012	0.663295	-1.50762	0.306792	0.778029	-1.2853	2.19871	1.95974	0.792279	1
cg00786406	HIPK1;HIPK1	0.140478	0.0507444	0.303437	-3.29558	0.99559	0.997043	-1.00297	0.279835	0.547757	-1.82563	0.531436	0.712028	-1.40444	0.0915003	0.369491	-2.70643	0.923854	0.950068	-1.05256	0.0190929	0.218745	-4.57154	0.723735	1.20943	1.20943	0.0554226	0.312472	-3.20029	2.1987	9.99611	4.04121	1
cg25451306	MIR2110;C10orf118	0.140481	0.660006	0.856202	-1.16795	0.219674	1.57245	1.57245	0.269582	1.4966	1.4966	0.449023	1.31069	1.31069	0.00946241	0.315624	-3.16833	0.492191	1.27716	1.27716	0.27446	1.49001	1.49001	0.505282	1.26753	1.26753	0.622718	1.18995	1.18995	2.19869	4.28277	1.73144	1
cg13286614	DLX5	0.140482	0.47978	0.704736	-1.41897	0.923344	0.954199	-1.048	0.643369	0.796829	-1.25498	0.0283271	0.283377	-3.52887	0.0692569	2.69145	2.69145	0.347595	0.624317	-1.60175	0.0723101	0.376447	-2.65642	0.323592	1.64316	1.64316	0.870305	0.923489	-1.08285	2.19868	8.26281	3.34052	1
cg09687332	RBM6;RBM6	0.140484	0.326894	0.79542	-1.2572	0.361057	1.23655	1.23655	0.927184	0.979541	-1.02089	0.62107	1.11928	1.11928	0.136148	1.43785	1.43785	0.472377	0.847642	-1.17974	0.00938733	0.474826	-2.10604	0.52729	0.865157	-1.15586	0.341705	0.801274	-1.24801	2.19867	1.78082	0.719958	1
cg12127472	C17orf104	0.140486	0.0964841	3.4393	3.4393	0.890165	0.910713	-1.09804	0.146916	2.8683	2.8683	0.628903	0.719193	-1.39045	0.416928	0.570321	-1.7534	0.538696	0.656168	-1.524	0.410153	0.565451	-1.7685	0.013428	7.94152	7.94152	0.726558	0.788477	-1.26827	2.19865	15.9547	6.4503	1
cg13309018	CIZ1;DNM1;DNM1;CIZ1	0.140492	0.909688	1.01452	1.01452	0.0501227	1.32805	1.32805	0.077232	1.28343	1.28343	0.485943	0.913993	-1.0941	0.373832	0.890513	-1.12295	0.145661	0.820006	-1.2195	0.916719	0.986802	-1.01337	0.123052	1.23641	1.23641	0.158481	1.21104	1.21104	2.1986	0.561834	0.227148	1
cg18448865	CALCA;CALCA;CALCA	0.140493	0.347644	1.50696	1.50696	0.666407	0.831997	-1.20193	0.431407	1.40572	1.40572	0.0597011	0.406102	-2.46243	0.096034	0.460625	-2.17096	0.254505	1.65629	1.65629	0.165864	0.534365	-1.87138	0.141852	1.95384	1.95384	0.328472	1.53379	1.53379	2.1986	6.26254	2.53193	1
cg09754243	ZFHX3	0.140493	0.415702	1.28638	1.28638	0.401849	0.771252	-1.29659	0.0136471	0.397107	-2.51821	0.297891	1.38634	1.38634	0.250774	1.43803	1.43803	0.424225	0.781093	-1.28026	0.266964	1.41922	1.41922	0.299768	1.38446	1.38446	0.632386	0.864244	-1.15708	2.1986	3.19104	1.29013	1
cg00884663	ERCC5	0.140493	0.62237	1.14845	1.14845	0.136728	1.56361	1.56361	0.226321	0.701712	-1.42509	0.6477	0.879602	-1.13688	0.0828896	0.585413	-1.7082	0.121601	0.626284	-1.59672	0.0265606	0.480452	-2.08137	0.601234	1.15839	1.15839	0.961102	0.986493	-1.01369	2.1986	2.70722	1.09453	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20082170	CADPS;CADPS;CADPS	0.140494	0.106895	0.37888	-2.63936	0.119003	0.393391	-2.542	0.959648	1.02829	1.02829	0.294773	0.549289	-1.82053	0.0597484	0.309944	-3.22639	0.200319	0.47431	-2.10833	0.0118656	0.176952	-5.65126	0.109274	0.381805	-2.61914	0.59252	0.742397	-1.34699	2.19859	10.5862	4.28001	1
cg04493467	PNLDC1	0.140499	0.659709	1.1322	1.1322	0.0164488	2.27373	2.27373	0.034197	1.99862	1.99862	0.416704	0.79248	-1.26186	0.372043	0.77351	-1.29281	0.665888	0.885384	-1.12945	0.691616	0.894294	-1.1182	0.468209	1.22976	1.22976	0.406604	1.26858	1.26858	2.19856	2.73415	1.10543	1
cg02085471	ANKRD13A	0.140505	0.309416	1.26643	1.26643	0.391946	0.821235	-1.21768	0.128772	0.691689	-1.44574	0.132672	1.43954	1.43954	0.580861	1.1334	1.1334	0.15239	1.4109	1.4109	0.0878593	1.52653	1.52653	0.375539	1.22656	1.22656	0.0415438	1.69505	1.69505	2.19851	1.75565	0.709834	1
cg04772086	CDKN2C;CDKN2C;CDKN2C	0.140508	0.47192	1.13463	1.13463	0.924459	0.983763	-1.01651	0.182458	1.27664	1.27664	0.401008	0.862104	-1.15995	0.0544317	1.45746	1.45746	0.430019	1.14918	1.14918	0.0379445	0.660091	-1.51494	0.96601	1.00738	1.00738	0.11533	1.34381	1.34381	2.19849	1.03742	0.419446	1
cg19860695	ANKRD58	0.140514	0.155722	0.202009	-4.95028	0.164626	0.209878	-4.76466	?	?	?	0.109254	6.28997	6.28997	0.34442	2.78852	2.78852	0.0563288	0.102732	-9.73406	?	?	?	0.628642	1.67061	1.67061	0.842528	1.233	1.233	2.24014	30.5984	15.6105	1
cg09535168	KIAA0892;SF4	0.140514	0.189392	0.818262	-1.2221	0.39772	1.13307	1.13307	0.347871	1.14964	1.14964	0.505648	1.10235	1.10235	0.885327	1.02104	1.02104	0.0959212	0.768108	-1.3019	0.0120128	0.63634	-1.57149	0.490028	0.903786	-1.10646	0.540298	0.914439	-1.09357	2.19845	0.724779	0.293047	1
cg10005744	CAPN3;CAPN3;CAPN3;CAPN3;CAPN3;CAPN3	0.140515	0.468163	0.739526	-1.35222	0.0398375	2.64149	2.64149	0.34376	0.671204	-1.48986	0.826041	0.91395	-1.09415	0.0165794	0.30233	-3.30765	0.786482	1.11739	1.11739	0.53944	1.28914	1.28914	0.971896	1.01451	1.01451	0.367928	0.685191	-1.45945	2.19844	5.81831	2.3525	1
cg27509366	DENND3	0.140516	0.957429	1.02575	1.02575	0.795622	0.883723	-1.13158	0.0674659	0.37693	-2.65301	0.539492	1.34424	1.34424	0.00573365	0.178231	-5.61069	0.705324	1.19831	1.19831	0.600294	0.777417	-1.28631	0.564567	0.7578	-1.31961	0.370643	0.645457	-1.54929	2.19843	7.8962	3.19267	1
cg04146962	EPPK1	0.140518	0.986875	0.990666	-1.00942	0.0434491	0.266075	-3.75833	0.0552032	0.289613	-3.45289	0.629723	1.31911	1.31911	0.0254796	0.220104	-4.5433	0.078058	0.327515	-3.0533	0.290898	0.535336	-1.86799	0.66464	0.779834	-1.28232	0.313083	0.551634	-1.8128	2.19841	11.3172	4.57592	1
cg20465899	RBM42	0.140526	0.317448	0.756065	-1.32264	0.268165	0.731915	-1.36628	0.0275196	0.493935	-2.02456	0.573883	1.1662	1.1662	0.947493	1.01798	1.01798	0.0243485	0.483786	-2.06703	0.13801	0.649108	-1.54058	0.404279	1.25975	1.25975	0.437102	0.806942	-1.23925	2.19836	2.54925	1.03077	1
cg13673833	MIR203	0.140527	0.867785	0.889546	-1.12417	0.0257636	6.42509	6.42509	0.581543	0.676355	-1.47851	0.268443	0.444977	-2.24731	0.0848298	0.262158	-3.81449	0.100442	0.282472	-3.54018	0.602561	0.691382	-1.44638	0.479441	1.65707	1.65707	0.44698	1.72374	1.72374	2.19835	17.182	6.94746	1
cg17460909	PTPLAD1	0.140529	0.0466911	0.496169	-2.01544	0.139679	0.613201	-1.63079	0.0482647	0.499321	-2.00272	0.447927	0.78821	-1.2687	0.172584	0.639744	-1.56313	0.451858	0.789894	-1.26599	0.0337454	0.466288	-2.1446	0.330699	1.36186	1.36186	0.381768	0.758788	-1.31789	2.19833	3.29669	1.33301	1
cg20705565	ADAR;ADAR;ADAR;ADAR	0.14053	0.504334	0.909447	-1.09957	0.0559265	0.738327	-1.35441	0.376112	1.1357	1.1357	0.114664	0.786351	-1.2717	0.419251	1.12257	1.12257	0.19878	0.826764	-1.20954	0.0265444	0.691879	-1.44534	0.470139	1.10842	1.10842	0.777767	0.961136	-1.04044	2.19833	0.683302	0.276292	1
cg17590162	MACROD1	0.140531	0.31361	1.93342	1.93342	0.431625	1.66153	1.66153	0.967169	1.02638	1.02638	0.218086	2.26955	2.26955	0.844999	0.883537	-1.13181	0.204929	2.33059	2.33059	0.00968263	7.93004	7.93004	0.0737296	3.52925	3.52925	0.0627054	3.76184	3.76184	2.19832	13.933	5.63379	1
cg02629369	ODF3L2	0.140533	0.839167	0.938397	-1.06565	0.356944	1.34505	1.34505	0.915172	0.967213	-1.0339	0.608873	1.17524	1.17524	0.399461	0.763471	-1.30981	0.748581	0.904283	-1.10585	0.0369902	0.46866	-2.13374	0.0156204	2.5281	2.5281	0.896599	0.960136	-1.04152	2.1983	3.40823	1.37813	1
cg26305827	ANKRD34B	0.140534	0.845221	0.93663	-1.06766	0.0771808	0.517804	-1.93123	0.171294	0.613925	-1.62886	0.958568	0.982749	-1.01755	0.930874	1.02949	1.02949	0.72817	0.889699	-1.12398	0.00682832	0.309213	-3.23402	0.261404	0.675501	-1.48038	0.123004	0.57139	-1.75012	2.19829	3.90615	1.57947	1
cg24254271	AFG3L2	0.140535	0.0789874	0.78298	-1.27717	0.464243	1.09794	1.09794	0.770953	0.964047	-1.03729	0.0236209	0.712499	-1.40351	0.716511	0.955288	-1.0468	0.1308	1.2271	1.2271	0.592444	1.07012	1.07012	0.268347	0.86536	-1.15559	0.348155	1.1288	1.1288	2.19829	0.547754	0.221487	1
cg05168015	SH3PXD2B	0.140535	0.691419	1.18348	1.18348	0.144561	1.93812	1.93812	0.0336576	2.85079	2.85079	0.270926	1.62251	1.62251	0.129591	1.99658	1.99658	0.0922958	2.18659	2.18659	0.0970664	0.463501	-2.15749	0.787559	0.892214	-1.12081	0.59423	1.25487	1.25487	2.19829	6.20719	2.50991	1
cg02792322	IL17D	0.140536	0.0683666	0.392655	-2.54676	0.105501	0.444778	-2.24831	0.106149	0.445569	-2.24432	0.49977	0.730646	-1.36865	0.0492569	0.357658	-2.79597	0.0756959	0.404249	-2.47372	0.0413396	0.340265	-2.93888	0.925213	1.04395	1.04395	0.112205	0.452807	-2.20845	2.19828	7.30685	2.95457	1
cg20406347	MORN1	0.140542	0.00593249	0.225994	-4.42489	0.562087	0.784855	-1.27412	0.121696	0.499876	-2.00049	0.263465	0.617682	-1.61896	0.106442	0.482596	-2.07213	0.758066	0.880126	-1.1362	0.263081	0.617422	-1.61964	0.792365	1.1152	1.1152	0.882682	1.06293	1.06293	2.19824	5.94665	2.40461	1
cg13359689	CCDC88A;CCDC88A	0.140545	0.197453	2.01964	2.01964	0.437109	1.50529	1.50529	0.747785	0.846659	-1.18111	0.198051	2.01753	2.01753	0.653286	0.791926	-1.26274	0.0428666	3.3283	3.3283	0.0248404	3.96699	3.96699	0.0467789	3.23645	3.23645	0.292029	1.75777	1.75777	2.19822	9.26732	3.74741	1
cg11095383	PCDHA1;PCDHA1;PCDHA2;PCDHA2	0.140547	0.0569318	8.44969	8.44969	0.171932	4.22249	4.22249	0.182456	4.06172	4.06172	0.173306	4.20065	4.20065	0.0340767	11.5887	11.5887	0.114891	5.46443	5.46443	0.0780337	6.95601	6.95601	0.0483308	9.3454	9.3454	0.0923046	6.26717	6.26717	2.1982	34.1615	13.8139	1
cg06260964	CHST12	0.140548	0.785124	0.942909	-1.06055	0.280218	1.27309	1.27309	0.163711	0.726372	-1.3767	0.793502	1.05805	1.05805	0.321132	1.24668	1.24668	0.0680304	1.55207	1.55207	0.292908	1.26453	1.26453	0.104684	0.682863	-1.46442	0.0877224	0.666703	-1.49992	2.19819	1.61078	0.651354	1
cg22185774	SDK1;SDK1	0.140553	0.783597	1.1504	1.1504	0.0220665	4.04398	4.04398	0.0621159	2.91225	2.91225	0.668577	1.24506	1.24506	0.109876	0.4119	-2.42778	0.46799	0.686716	-1.45621	0.322331	0.59433	-1.68257	0.801776	1.13658	1.13658	0.805938	0.882256	-1.13346	2.19816	9.01784	3.64662	1
cg15996043	SMOC1;SMOC1;SMOC1;SMOC1	0.140553	0.555645	1.08681	1.08681	0.233797	1.19045	1.19045	0.955898	1.00775	1.00775	0.248435	0.844928	-1.18353	0.753075	0.956881	-1.04506	0.697387	1.05609	1.05609	0.074851	0.757978	-1.3193	0.0200704	1.4796	1.4796	0.207062	1.20422	1.20422	2.19816	0.679074	0.274603	1
cg01988129	ADHFE1	0.140557	0.533597	1.21276	1.21276	0.567763	0.838046	-1.19325	0.0996429	0.575733	-1.73692	0.095155	1.75242	1.75242	0.30378	1.38522	1.38522	0.0413905	2.05385	2.05385	0.650537	1.14973	1.14973	0.124025	1.66462	1.66462	0.131962	1.64451	1.64451	2.19813	3.25867	1.31775	1
cg18792584	TOR1AIP1	0.140563	0.301351	0.807462	-1.23845	0.0660872	0.662494	-1.50945	0.787801	0.947546	-1.05536	0.504155	0.873391	-1.14496	0.227949	1.28755	1.28755	0.143857	1.36836	1.36836	0.193169	0.759563	-1.31655	0.162809	1.34655	1.34655	0.13307	1.38215	1.38215	2.19808	1.38849	0.561493	1
cg09269652	WDR20	0.140567	0.807967	1.11219	1.11219	0.00869066	4.30708	4.30708	0.0337487	2.95244	2.95244	0.941997	1.03228	1.03228	0.904011	0.948683	-1.05409	0.791579	0.890789	-1.1226	0.937324	1.03494	1.03494	0.416113	0.695644	-1.43752	0.661381	1.21223	1.21223	2.19805	6.63763	2.68425	1
cg07760369	FAM195A	0.140568	0.253271	0.689723	-1.44986	0.362514	0.747234	-1.33827	0.561041	0.832777	-1.2008	0.720542	0.894192	-1.11833	0.0031347	0.284388	-3.51632	0.937754	0.975978	-1.02461	0.744106	1.10735	1.10735	0.817777	1.0745	1.0745	0.523861	0.817824	-1.22276	2.19805	3.37417	1.36452	1
cg14989202	C1orf200;PIK3CD	0.14057	0.326721	1.2691	1.2691	0.322403	0.78617	-1.27199	0.109554	0.663241	-1.50775	0.0379127	0.567504	-1.7621	0.910141	0.973778	-1.02693	0.477809	1.18514	1.18514	0.151823	1.4353	1.4353	0.25496	1.32279	1.32279	0.206666	0.730907	-1.36816	2.19803	1.92841	0.779854	1
cg15697470	OGDH;OGDH;OGDH	0.140578	0.590138	0.854089	-1.17084	0.299459	0.732055	-1.36602	0.0563224	1.87166	1.87166	0.0376258	0.496834	-2.01275	0.215278	1.45983	1.45983	0.376752	1.30093	1.30093	0.916796	1.03077	1.03077	0.242753	0.701477	-1.42556	0.395421	1.28716	1.28716	2.19797	2.92854	1.18434	1
cg24359358	NEXN	0.140579	0.416837	1.70505	1.70505	0.121525	0.339777	-2.94311	0.0799295	0.286652	-3.48855	0.318316	0.515166	-1.94112	0.027349	0.186604	-5.35895	0.591262	0.705675	-1.41708	0.0426604	0.222983	-4.48464	0.670969	1.31625	1.31625	0.301896	0.502692	-1.98929	2.19797	14.395	5.82153	1
cg11801857	CHST3	0.140581	0.98358	0.997432	-1.00257	0.0509008	0.757385	-1.32033	0.129664	0.815002	-1.22699	0.960272	1.00624	1.00624	0.187866	1.1905	1.1905	0.729448	1.04434	1.04434	0.494066	1.09065	1.09065	0.882188	0.981642	-1.0187	0.0294013	1.37787	1.37787	2.19795	0.543472	0.219789	1
cg17667773	ADAP1	0.140585	0.774246	1.05313	1.05313	0.464875	0.874686	-1.14327	0.519638	0.889144	-1.12468	0.652398	0.921623	-1.08504	0.17957	1.29252	1.29252	0.910506	0.979964	-1.02045	0.00486402	1.95823	1.95823	0.935854	0.985615	-1.01459	0.844368	0.96524	-1.03601	2.19792	1.12792	0.456156	1
cg25398408	OCLN	0.140587	0.299146	0.78357	-1.27621	0.020923	1.87729	1.87729	0.709433	1.08854	1.08854	0.87394	0.964653	-1.03664	0.0466738	0.596747	-1.67575	0.724471	0.92292	-1.08352	0.59514	1.12926	1.12926	0.171915	0.719217	-1.3904	0.653379	0.902621	-1.10789	2.19791	1.78818	0.723184	1
cg08614638	C11orf68;C11orf68	0.14059	0.946861	0.971426	-1.02941	0.0263874	3.14307	3.14307	0.0713409	2.40123	2.40123	0.106842	2.15052	2.15052	0.20813	0.561463	-1.78106	0.791674	1.12203	1.12203	0.40316	0.68929	-1.45077	0.319495	1.56431	1.56431	0.569186	0.778621	-1.28432	2.19789	6.58496	2.66314	1
cg19877371	CEP192	0.14059	0.845492	0.958165	-1.04366	0.232584	0.760187	-1.31547	0.314848	1.25565	1.25565	0.607438	0.892702	-1.12019	0.891783	1.03026	1.03026	0.402077	0.828746	-1.20664	0.00538841	0.448213	-2.23108	0.667394	1.09932	1.09932	0.529185	1.14985	1.14985	2.19789	1.67008	0.67543	1
cg21369886	CD36	0.140591	0.452905	0.684152	-1.46166	0.38098	0.640136	-1.56217	0.0584406	0.345969	-2.89043	0.0947493	0.401893	-2.48823	0.0120171	0.211162	-4.7357	0.688533	0.818711	-1.22143	0.0537707	0.337197	-2.96563	0.890477	1.07079	1.07079	0.57919	0.757238	-1.32059	2.19788	8.57773	3.46909	1
cg27113929	DDX4;DDX4;DDX4	0.140594	0.673994	1.27832	1.27832	0.112892	0.36735	-2.7222	0.900692	1.07514	1.07514	0.717682	1.23457	1.23457	0.0698755	0.308399	-3.24255	0.195016	2.21553	2.21553	0.019592	0.194598	-5.13879	0.975684	1.01785	1.01785	0.327726	0.556374	-1.79735	2.19785	11.724	4.74161	1
cg22498223	PTPRN2;PTPRN2;PTPRN2	0.140601	0.941434	0.981341	-1.01901	0.100394	0.630398	-1.5863	0.760456	1.08155	1.08155	0.818238	1.06079	1.06079	0.0346645	0.531886	-1.8801	0.791868	1.07015	1.07015	0.0266476	1.96093	1.96093	0.585407	1.15167	1.15167	0.988146	1.00382	1.00382	2.19781	2.28755	0.925185	1
cg11385204	DIP2C	0.140602	0.0338939	0.696253	-1.43626	0.168225	1.23944	1.23944	0.0497178	0.720914	-1.38713	0.644105	1.07037	1.07037	0.0550471	0.727609	-1.37436	0.882421	0.978598	-1.02187	0.461514	0.89621	-1.11581	0.614568	0.928464	-1.07705	0.798074	0.963217	-1.03819	2.1978	0.743801	0.300826	1
cg19517402	UTRN	0.140603	0.106605	0.673588	-1.48459	0.033694	1.74415	1.74415	0.629697	0.896771	-1.11511	0.457579	1.18489	1.18489	0.95311	1.01328	1.01328	0.0346104	1.73762	1.73762	0.199527	1.35524	1.35524	0.964451	1.01005	1.01005	0.896791	0.971315	-1.02953	2.19779	1.75069	0.70806	1
cg14070039	TNXB;TNXB;TNXB	0.140603	0.102767	0.239257	-4.1796	0.192803	0.331443	-3.01711	0.244156	0.376724	-2.65446	0.17865	0.318285	-3.14183	0.0167245	0.0963165	-10.3824	0.507243	0.583309	-1.71436	0.0321156	0.133825	-7.47242	0.772946	1.26084	1.26084	0.150786	0.291208	-3.43397	2.19779	22.3438	9.03685	1
cg05337681	LIPC	0.140605	0.117146	0.35516	-2.81563	0.229809	0.464716	-2.15185	0.623449	0.740101	-1.35117	0.460175	0.632967	-1.57986	0.0180088	0.174152	-5.74212	0.336685	0.547461	-1.82662	0.0191796	0.178431	-5.6044	0.0754434	0.300075	-3.3325	0.51514	0.669382	-1.49392	2.19778	12.8758	5.20759	1
cg13541578	HRNBP3	0.140607	0.197774	0.62887	-1.59015	0.227645	1.53957	1.53957	0.425404	0.757802	-1.31961	0.665013	0.862056	-1.16002	0.33959	0.715082	-1.39844	0.868491	1.05809	1.05809	0.0105374	0.334057	-2.9935	0.635699	0.849938	-1.17656	0.0638945	0.491834	-2.03321	2.19776	4.04079	1.63431	1
cg22199779	SMU1	0.140608	0.758839	0.94435	-1.05893	0.762039	1.05809	1.05809	0.696349	1.07565	1.07565	0.0131277	0.564446	-1.77165	0.888977	0.974362	-1.02631	0.591438	0.904159	-1.106	0.0166801	0.580765	-1.72187	0.302321	0.819807	-1.2198	0.930968	0.984019	-1.01624	2.19776	1.20345	0.486737	1
cg03712239	ZNF25	0.140608	0.916232	1.02367	1.02367	0.903349	1.02738	1.02738	0.048901	0.606453	-1.64893	0.0320229	1.74834	1.74834	0.301603	1.26873	1.26873	0.703781	0.918553	-1.08867	0.177151	0.726871	-1.37576	0.179409	1.3732	1.3732	0.811095	1.05469	1.05469	2.19776	1.72151	0.696271	1
cg21057587	VSX2	0.140609	0.3275	1.37958	1.37958	0.263779	0.690151	-1.44896	0.349778	0.73609	-1.35853	0.102912	1.76474	1.76474	0.0152893	0.387499	-2.58065	0.581162	0.837454	-1.19409	0.166112	0.624931	-1.60018	0.903399	0.962084	-1.03941	0.65405	0.866232	-1.15442	2.19775	3.52757	1.42674	1
cg12848417	SORCS1;SORCS1	0.140611	0.994357	0.997147	-1.00286	0.136582	0.523089	-1.91172	0.0826748	2.17394	2.17394	0.0621389	2.33615	2.33615	0.846612	0.924733	-1.08139	0.484492	1.33248	1.33248	0.412016	0.71255	-1.40341	0.121097	1.97222	1.97222	0.0793921	2.19632	2.19632	2.19773	5.68234	2.29826	1
cg07396495	RBL2	0.140611	0.0715848	0.733897	-1.36259	0.821631	1.03533	1.03533	0.451157	1.12531	1.12531	0.186008	0.80604	-1.24063	0.37803	0.870151	-1.14923	0.823704	0.966269	-1.03491	0.00904549	0.600367	-1.66565	0.758681	0.953719	-1.04853	0.509183	1.10846	1.10846	2.19773	0.823107	0.332912	1
cg07241908	XKR4	0.140614	0.361645	0.844043	-1.18477	0.244578	1.24621	1.24621	0.0984939	1.38767	1.38767	0.503684	1.13055	1.13055	0.0302011	0.63076	-1.58539	0.86726	1.03071	1.03071	0.117807	1.35949	1.35949	0.350383	0.840465	-1.18982	0.584718	0.905029	-1.10494	2.19771	1.13798	0.460271	1
cg10331518	RHOT2	0.140616	0.604632	1.12605	1.12605	0.678034	0.909471	-1.09954	0.0464435	1.6794	1.6794	0.19388	1.36676	1.36676	0.11941	0.681065	-1.46829	0.163352	0.71309	-1.40235	0.120107	1.46705	1.46705	0.183774	1.37785	1.37785	0.941076	0.983337	-1.01695	2.19769	1.79823	0.727321	1
cg08082792	FBRSL1	0.14062	0.746923	1.08232	1.08232	0.143197	0.680862	-1.46873	0.0198329	0.50298	-1.98815	0.946774	0.98382	-1.01645	0.0384697	0.556623	-1.79655	0.80165	0.940352	-1.06343	0.682112	0.904278	-1.10585	0.17039	1.42865	1.42865	0.583858	0.873582	-1.14471	2.19767	2.07775	0.840387	1
cg07379581	LAD1	0.14062	0.448838	0.690674	-1.44786	0.692335	0.826379	-1.2101	0.169577	0.495787	-2.017	0.0192152	0.257101	-3.88952	0.0158417	0.242414	-4.12517	0.168838	0.495105	-2.01977	0.729357	1.18121	1.18121	0.77314	0.87058	-1.14866	0.240857	0.555016	-1.80175	2.19766	8.00286	3.23692	1
cg06347083	KCNK17;KCNK17	0.140621	0.341755	1.59421	1.59421	0.119672	2.23416	2.23416	0.430266	0.681609	-1.46712	0.852747	0.915336	-1.09249	0.0874658	2.45519	2.45519	0.291938	1.68303	1.68303	0.0169205	4.00298	4.00298	0.0622166	2.71677	2.71677	0.782129	1.14109	1.14109	2.19766	7.88935	3.19101	1
cg09814034	CDH22	0.140621	0.0705307	0.244886	-4.08354	0.337714	1.98972	1.98972	0.687352	1.32529	1.32529	0.36591	0.523794	-1.90915	0.0701839	0.244363	-4.09228	0.0980107	0.282673	-3.53766	0.0317045	0.173247	-5.77212	0.504032	0.623757	-1.60319	0.182	0.373022	-2.6808	2.19766	16.8663	6.82192	1
cg18973939	FLJ37453	0.140627	0.29839	1.71604	1.71604	0.110436	2.39048	2.39048	0.724295	1.19414	1.19414	0.198445	1.97562	1.97562	0.0540383	2.99094	2.99094	0.216544	1.91838	1.91838	0.0480542	3.10216	3.10216	0.0137625	4.59846	4.59846	0.257629	1.80731	1.80731	2.19762	8.73593	3.5335	1
cg14586180	KLC3	0.140631	0.015693	0.281104	-3.55741	0.0978588	0.459228	-2.17757	0.0326242	0.342484	-2.91985	0.308687	0.636675	-1.57066	0.471391	0.730555	-1.36882	0.0546279	0.392886	-2.54527	0.794961	0.894399	-1.11807	0.59958	0.796906	-1.25485	0.274792	0.614515	-1.6273	2.19759	6.39151	2.58526	1
cg25256141	CUX1;CUX1;CUX1	0.140633	0.0596982	0.402125	-2.48679	0.15702	0.522642	-1.91336	0.0762034	0.429212	-2.32985	0.569876	0.781765	-1.27916	0.253795	0.599948	-1.66681	0.461297	0.725034	-1.37925	0.0657558	0.412624	-2.42351	0.29111	1.59944	1.59944	0.0414693	0.364947	-2.74013	2.19757	6.39692	2.58747	1
cg02987250	OCA2	0.140633	0.0900367	2.06827	2.06827	0.0483621	2.40454	2.40454	0.236301	1.62038	1.62038	0.164188	1.78128	1.78128	0.548152	0.789501	-1.26662	0.0256705	2.80335	2.80335	0.607675	1.22313	1.22313	0.0645074	2.24284	2.24284	0.281245	1.54587	1.54587	2.19757	5.26518	2.1297	1
cg01940235	ELFN2	0.140633	0.708219	1.09451	1.09451	0.538681	0.861122	-1.16128	0.6781	1.10545	1.10545	0.995867	0.998757	-1.00125	0.782209	0.935604	-1.06883	0.511983	1.17322	1.17322	0.00336839	0.383677	-2.60636	0.783908	1.06826	1.06826	0.881756	1.0364	1.0364	2.19757	2.00805	0.812232	1
cg03328526	SYT11	0.14064	0.447084	0.819574	-1.22015	0.0308819	1.91712	1.91712	0.168004	1.45829	1.45829	0.156099	1.47639	1.47639	0.74898	0.920874	-1.08592	0.3516	0.781809	-1.27908	0.0954862	0.624843	-1.6004	0.780672	0.930836	-1.0743	0.385063	0.7956	-1.25691	2.19752	2.29456	0.928141	1
cg24339785	NIPAL2	0.140641	0.839471	1.05022	1.05022	0.222408	0.733623	-1.3631	0.0201069	0.507955	-1.96868	0.817207	0.945605	-1.05752	0.0693084	0.612084	-1.63376	0.462917	0.834852	-1.19782	0.091099	1.56765	1.56765	0.679582	1.10554	1.10554	0.968759	0.990584	-1.00951	2.19751	2.03103	0.821546	1
cg17306814	SLC7A14	0.140641	0.866592	0.968974	-1.03202	0.183515	0.767576	-1.3028	0.0711789	0.685365	-1.45908	0.859356	1.03381	1.03381	0.839573	1.03873	1.03873	0.735309	1.06567	1.06567	0.0424065	1.54983	1.54983	0.950212	1.01177	1.01177	0.0470687	1.53112	1.53112	2.19751	1.22296	0.494686	1
cg25769852	CD69;CD69;CD69	0.140642	0.519937	0.796723	-1.25514	0.14869	0.582951	-1.71541	0.0412573	0.440305	-2.27115	0.310714	0.693896	-1.44114	0.604734	0.833666	-1.19952	0.632596	1.18271	1.18271	0.0832207	1.95066	1.95066	0.165625	1.67392	1.67392	0.23288	0.64673	-1.54624	2.19751	4.22464	1.70886	1
cg03450966	UFD1L;UFD1L	0.140643	0.544405	0.901871	-1.10881	0.266802	1.21503	1.21503	0.854141	0.969494	-1.03147	0.874542	1.02696	1.02696	0.776607	0.953238	-1.04906	0.267718	1.21454	1.21454	0.0041831	1.90785	1.90785	0.978259	1.0046	1.0046	0.714742	0.940074	-1.06375	2.1975	0.986349	0.398979	1
cg27300841	BCL7C;MIR762	0.140645	0.12639	0.667568	-1.49797	0.580428	1.14619	1.14619	0.103494	0.647154	-1.54523	0.313956	1.28982	1.28982	0.855197	0.956337	-1.04566	0.545346	1.16134	1.16134	0.0666925	0.605035	-1.6528	0.0275154	0.528835	-1.89095	0.45416	0.829997	-1.20482	2.19749	2.07866	0.840823	1
cg08584184	SEPT2;SEPT2;HDLBP;SEPT2;SEPT2;SEPT2;SEPT2	0.140645	0.0781322	0.563905	-1.77335	0.981669	1.00675	1.00675	0.0193947	2.28729	2.28729	0.129391	0.619043	-1.6154	0.597094	0.855447	-1.16898	0.502048	1.22068	1.22068	0.246617	0.701445	-1.42563	0.768282	1.09032	1.09032	0.758665	0.913751	-1.09439	2.19748	2.98147	1.20602	1
cg25485192	SGCE;SGCE;PEG10;SGCE;PEG10	0.140646	0.65646	0.715995	-1.39666	0.825624	1.17837	1.17837	0.674588	0.729808	-1.37022	?	?	?	0.119704	3.7636	3.7636	?	?	?	0.0406144	0.143729	-6.95754	0.0940523	4.30038	4.30038	0.411983	0.531257	-1.88233	2.76051	17.2326	4.45896	1
cg01771201	RERE;RERE;RERE	0.140647	0.757953	1.14077	1.14077	0.019194	3.34406	3.34406	0.1045	2.12986	2.12986	0.119046	2.05609	2.05609	0.573187	1.27448	1.27448	0.15436	1.91474	1.91474	0.0785268	2.29922	2.29922	0.0319475	2.91807	2.91807	0.407717	1.4345	1.4345	2.19747	6.31768	2.55554	1
cg08830492	NFASC;NFASC;NFASC;NFASC;NFASC	0.14065	0.360403	0.532068	-1.87946	0.150777	2.81052	2.81052	0.0931671	3.4536	3.4536	0.15913	2.74511	2.74511	0.106618	0.30657	-3.26189	0.805624	0.847512	-1.17992	0.0514071	4.42962	4.42962	0.259951	2.20023	2.20023	0.770959	1.2164	1.2164	2.19745	15.6727	6.33976	1
cg00892737	SPAG8;SPAG8	0.140652	0.728055	0.905257	-1.10466	0.449299	0.802645	-1.24588	0.762936	0.917357	-1.09009	0.821881	0.937728	-1.06641	0.00618113	0.361238	-2.76826	0.707596	0.898129	-1.11343	0.173465	0.661683	-1.5113	0.0346289	0.495395	-2.01859	0.37212	0.770061	-1.2986	2.19743	2.82965	1.14463	1
cg03043160	TBC1D4	0.140653	0.174305	1.88932	1.88932	0.0192805	3.47693	3.47693	0.0169435	3.60471	3.60471	0.903548	0.948028	-1.05482	0.551008	1.30419	1.30419	0.606253	1.25722	1.25722	0.0840939	2.3197	2.3197	0.32924	1.55784	1.55784	0.357771	1.51643	1.51643	2.19742	6.7455	2.72865	1
cg13984515	CYR61	0.140655	0.0961909	1.4846	1.4846	0.695956	1.08866	1.08866	0.738183	0.930008	-1.07526	0.235556	0.76423	-1.30851	0.166025	0.726517	-1.37643	0.332334	0.805477	-1.2415	0.236822	1.30747	1.30747	0.117261	0.692103	-1.44487	0.0740375	1.53823	1.53823	2.19741	1.62827	0.658661	1
cg09226159	ARL6;ARL6	0.140657	0.947089	0.985004	-1.01522	0.0470391	0.59602	-1.6778	0.378361	1.22847	1.22847	0.0168287	0.514752	-1.94268	0.692211	1.09481	1.09481	0.933268	1.01925	1.01925	0.325769	0.793739	-1.25986	0.456877	1.18827	1.18827	0.33244	1.25563	1.25563	2.1974	1.80388	0.729703	1
cg24132141	IGFBP2	0.14066	0.237312	0.761217	-1.31369	0.871541	1.03631	1.03631	0.0483413	0.608241	-1.64408	0.135015	0.701115	-1.4263	0.405237	0.828889	-1.20643	0.643891	0.902499	-1.10803	0.194959	0.739248	-1.35273	0.027736	0.563609	-1.77428	0.0248152	0.555017	-1.80175	2.19738	1.69024	0.683742	1
cg01414185	HOXD4	0.140661	0.0430772	53.1625	53.1625	0.713225	0.532516	-1.87788	0.40553	4.27473	4.27473	0.560687	0.366305	-2.72996	0.0365256	63.3326	63.3326	0.641388	0.449004	-2.22715	0.0446187	51.2174	51.2174	0.154913	13.4457	13.4457	0.425429	4.01248	4.01248	2.19737	101.413	41.024	1
cg13409575	OTX1	0.140661	0.0684929	0.708863	-1.41071	0.201506	0.796463	-1.25555	0.747231	0.946902	-1.05608	0.326682	0.842951	-1.18631	0.0248238	0.637178	-1.56942	0.235777	0.810884	-1.23322	0.32649	0.84289	-1.18639	0.360568	1.17185	1.17185	0.184136	1.26834	1.26834	2.19736	0.990676	0.400754	1
cg09229492	NKD1	0.140664	0.613629	0.795999	-1.25628	0.782502	1.13203	1.13203	0.0474825	2.76209	2.76209	0.442861	1.41996	1.41996	0.619301	1.25164	1.25164	0.161951	0.51211	-1.95271	0.0415151	0.348761	-2.86729	0.145276	0.496152	-2.01551	0.580959	1.28383	1.28383	2.19734	6.98897	2.82724	1
cg02619495	WDR8	0.140669	0.162196	0.74106	-1.34942	0.706291	1.07899	1.07899	0.301203	1.23999	1.23999	0.402803	1.18759	1.18759	0.737478	1.06989	1.06989	0.721517	0.930653	-1.07451	0.00591883	2.06047	2.06047	0.946303	0.986566	-1.01362	0.71612	0.929288	-1.07609	2.19731	1.40329	0.567681	1
cg11346541	GUK1;GUK1	0.140669	0.0402237	0.334135	-2.9928	0.134151	0.473739	-2.11087	0.936262	1.03768	1.03768	0.89906	1.06045	1.06045	0.108755	0.445288	-2.24574	0.486478	0.721059	-1.38685	0.376586	1.52143	1.52143	0.279341	1.68232	1.68232	0.104464	2.27237	2.27237	2.19731	7.44403	3.01138	1
cg26703661	PLIN1;PLIN1	0.14067	0.186925	0.693833	-1.44127	0.7032	0.904816	-1.1052	0.982063	0.994143	-1.00589	0.581974	0.864782	-1.15636	0.265351	0.738379	-1.35432	0.14463	0.664043	-1.50593	0.00452328	0.372118	-2.68732	0.845303	1.05237	1.05237	0.218446	0.713028	-1.40247	2.1973	2.37597	0.961169	1
cg27286872	PDHA2	0.140672	0.212396	0.825992	-1.21067	0.400531	1.13343	1.13343	0.188881	0.816603	-1.22459	0.830421	1.03171	1.03171	0.243261	1.19449	1.19449	0.202801	1.21616	1.21616	0.0337431	1.4346	1.4346	0.44032	0.891776	-1.12136	0.158318	0.802914	-1.24546	2.19729	0.737221	0.298235	1
cg20984590	SNORA34;MIR1291;C12orf41	0.140672	0.405134	0.882076	-1.13369	0.00994991	0.619045	-1.61539	0.745326	0.953122	-1.04918	0.353629	0.868842	-1.15096	0.277662	0.846782	-1.18094	0.572429	0.919405	-1.08766	0.13044	1.27204	1.27204	0.23164	0.831256	-1.203	0.156773	0.800024	-1.24996	2.19728	0.755223	0.305518	1
cg24714011	SIGIRR;SIGIRR	0.140672	0.344617	1.41993	1.41993	0.289386	1.486	1.486	0.584818	1.21984	1.21984	0.357234	1.40639	1.40639	0.0361335	0.415743	-2.40533	0.707494	0.87305	-1.14541	0.506635	0.784524	-1.27466	0.0439375	2.30231	2.30231	0.154557	1.73122	1.73122	2.19728	4.51439	1.82625	1
cg07646083	SPRED2	0.140674	0.119671	0.495673	-2.01746	0.631825	1.22222	1.22222	0.626625	0.815639	-1.22603	0.517278	0.76117	-1.31377	0.0286852	0.342067	-2.9234	0.210594	0.577907	-1.73038	0.0459209	0.386352	-2.58831	0.308725	1.54946	1.54946	0.11613	0.491748	-2.03356	2.19727	6.01271	2.43239	1
cg13643506	HSPC072;LOC100270804;HSPC072	0.140676	0.145336	1.351	1.351	0.132133	1.36704	1.36704	0.837842	0.961342	-1.04021	0.887383	1.02764	1.02764	0.0665838	1.4855	1.4855	0.117261	0.720841	-1.38727	0.160958	0.749705	-1.33386	0.794531	1.05149	1.05149	0.110951	1.39669	1.39669	2.19726	1.28808	0.521084	1
cg08002981	BCAS3;BCAS3	0.140683	0.570054	0.879694	-1.13676	0.0187281	0.529303	-1.88928	0.0195344	0.532466	-1.87805	0.899147	1.02872	1.02872	0.877961	1.03491	1.03491	0.962296	0.989499	-1.01061	0.338405	1.24654	1.24654	0.487931	0.854397	-1.17042	0.24557	0.762456	-1.31155	2.19721	1.73532	0.702032	1
cg23973558	MYEOV2;MYEOV2	0.140683	0.976794	1.00407	1.00407	0.259986	1.17848	1.17848	0.531895	1.09253	1.09253	0.339477	0.871444	-1.14752	0.808464	1.03453	1.03453	0.415732	0.89024	-1.12329	0.0108968	0.639717	-1.56319	0.695297	1.05656	1.05656	0.117789	1.26795	1.26795	2.1972	0.6798	0.275016	1
cg15740508	AMPD1	0.140683	0.113817	0.441844	-2.26324	0.137388	0.467833	-2.13751	0.0515239	0.349133	-2.86424	0.306762	0.605106	-1.6526	0.0219927	0.271332	-3.68553	0.953727	0.972825	-1.02793	0.211199	0.535048	-1.86899	0.0972906	0.421501	-2.37247	0.059799	0.364812	-2.74114	2.1972	7.84405	3.17335	1
cg23729881	IQSEC1	0.140685	0.22246	0.499954	-2.00018	0.821868	0.885211	-1.12967	0.87654	1.0877	1.0877	0.269534	0.537027	-1.8621	0.0172834	0.208469	-4.79688	0.503578	1.44342	1.44342	0.117358	0.398649	-2.50847	0.0891762	0.36294	-2.75528	0.0621872	0.321349	-3.11188	2.19719	10.1736	4.11582	1
cg08530205	CUX1;CUX1;CUX1	0.140687	0.370791	0.629796	-1.58782	0.00658391	0.169449	-5.90149	0.137888	0.447631	-2.23398	0.519546	0.720028	-1.38883	0.0616964	0.346886	-2.88279	0.0913283	0.39239	-2.54848	0.613332	0.773864	-1.29222	0.491525	0.703629	-1.4212	0.709593	0.82845	-1.20707	2.19718	8.8078	3.56328	1
cg01702431	KSR2	0.140687	0.185077	0.645679	-1.54876	0.252385	1.45081	1.45081	0.605288	1.17617	1.17617	0.45517	1.26713	1.26713	0.0692021	0.531121	-1.88281	0.0376986	2.11753	2.11753	0.359772	0.745977	-1.34052	0.219698	0.669188	-1.49435	0.911556	0.966008	-1.03519	2.19718	3.37105	1.36379	1
cg04945651	C10orf76	0.140688	0.404682	0.767717	-1.30256	0.0198187	2.39202	2.39202	0.0371288	2.11753	2.11753	0.762834	1.09837	1.09837	0.959161	0.98425	-1.016	0.480151	1.24922	1.24922	0.197172	0.655288	-1.52605	0.279027	1.41755	1.41755	0.888625	1.0444	1.0444	2.19717	3.34468	1.35313	1
cg15932122	MGC87042;MGC87042;MGC87042;MGC87042	0.140689	0.0611915	7.05241	7.05241	0.0345655	9.79604	9.79604	0.811294	0.801336	-1.24792	0.667794	0.670463	-1.49151	0.779873	0.771488	-1.2962	0.495955	0.527221	-1.89674	0.571687	0.589073	-1.69758	0.817548	0.807369	-1.23859	0.033178	10.0303	10.0303	2.19716	29.8353	12.0702	1
cg24671572	ZNF192	0.14069	0.0668123	1.31653	1.31653	0.649025	1.06324	1.06324	0.829354	1.02931	1.02931	0.806694	1.03335	1.03335	0.471538	1.10298	1.10298	0.0630808	1.32285	1.32285	0.081336	0.772152	-1.29508	0.136679	1.23933	1.23933	0.0705438	1.31058	1.31058	2.19716	0.623228	0.252135	1
cg22856512	IGFBP2	0.140691	0.550371	0.650865	-1.53642	0.750637	0.797464	-1.25397	0.63259	0.710264	-1.40793	0.731583	0.783148	-1.2769	0.82269	0.852763	-1.17266	0.020935	0.131289	-7.61678	0.0157726	0.114384	-8.74251	0.495855	1.63516	1.63516	0.405438	1.83309	1.83309	2.31437	18.0618	6.06992	1
cg07925619	JUP;JUP	0.140692	0.539258	1.36706	1.36706	0.0831721	0.381035	-2.62443	0.440396	0.673155	-1.48554	0.619412	1.28642	1.28642	0.0433908	0.310816	-3.21733	0.423613	1.50846	1.50846	0.153989	0.464081	-2.1548	0.892299	0.934128	-1.07052	0.0321397	0.282954	-3.53414	2.19714	8.80468	3.56208	1
cg18004110	GABBR1;GABBR1;GABBR1	0.140692	0.128197	0.423391	-2.36188	0.0423005	0.294526	-3.39529	0.687575	1.23526	1.23526	0.882271	0.925476	-1.08053	0.115092	0.408432	-2.44839	0.123895	0.418586	-2.389	0.0252134	0.248823	-4.01892	0.686491	1.23623	1.23623	0.21128	0.502427	-1.99034	2.19714	9.50486	3.84536	1
cg05355792	KIAA1370	0.140693	0.192237	2.90159	2.90159	0.98824	1.01144	1.01144	0.518661	1.65695	1.65695	0.0075704	0.0705543	-14.1735	0.324009	2.19484	2.19484	0.319377	2.21261	2.21261	0.898747	1.10324	1.10324	0.640219	1.43807	1.43807	0.505274	1.68493	1.68493	2.19713	20.7268	8.38539	1
cg10835986	HECW1	0.140695	0.0908995	0.656295	-1.5237	0.131192	0.691763	-1.44558	0.490147	0.853416	-1.17176	0.0779826	0.642196	-1.55716	0.0576045	1.62503	1.62503	0.87202	1.03713	1.03713	0.327657	1.25669	1.25669	0.518862	1.15938	1.15938	0.418208	0.829394	-1.2057	2.19712	1.77931	0.719855	1
cg18396317	AP1G2	0.140699	0.097771	1.55865	1.55865	0.0690597	1.64381	1.64381	0.065112	1.65859	1.65859	0.5338	1.16645	1.16645	0.107665	1.53562	1.53562	0.184321	1.41065	1.41065	0.194761	1.39808	1.39808	0.339659	1.2718	1.2718	0.0132865	2.11609	2.11609	2.19709	2.07707	0.840331	1
cg11191955	EHMT2;EHMT2	0.140701	0.176566	0.629427	-1.58875	0.0739996	0.526417	-1.89964	0.318654	0.717396	-1.39393	0.68067	1.14265	1.14265	0.0676669	0.51704	-1.93409	0.0539859	0.49416	-2.02363	0.0827	0.538337	-1.85757	0.243026	1.48243	1.48243	0.473646	0.790693	-1.26471	2.19707	3.61341	1.46191	1
cg02601626	CHID1;CHID1;CHID1;CHID1;CHID1	0.140702	0.0490962	2.72247	2.72247	0.0340692	3.01255	3.01255	0.764407	1.1434	1.1434	0.125887	2.09252	2.09252	0.880019	0.934874	-1.06966	0.461364	1.39701	1.39701	0.0216355	3.41961	3.41961	0.363743	1.51611	1.51611	0.153938	1.97495	1.97495	2.19707	6.91678	2.79839	1
cg14462343	ZNRD1;ZNRD1;NCRNA00171	0.140708	0.0817738	0.788356	-1.26846	0.0164477	0.696684	-1.43537	0.894089	1.01656	1.01656	0.782588	0.96647	-1.03469	0.527868	0.924173	-1.08205	0.316199	0.880061	-1.13628	0.545375	0.92732	-1.07838	0.305766	1.13967	1.13967	0.139724	1.21644	1.21644	2.19703	0.528944	0.214004	1
cg22243844	SEC23B;SEC23B;SEC23B;SEC23B;SEC23B	0.14071	0.164438	0.863318	-1.15832	0.730015	1.03492	1.03492	0.43088	1.08292	1.08292	0.182022	1.15068	1.15068	0.723335	1.03585	1.03585	0.0943347	0.833418	-1.19988	0.269351	1.12072	1.12072	0.253979	1.12528	1.12528	0.0289899	1.29053	1.29053	2.19701	0.34159	0.138204	1
cg07153772	THYN1;THYN1;ACAD8;THYN1;THYN1;THYN1	0.140712	0.578374	0.895883	-1.11622	0.318208	1.2239	1.2239	0.841094	1.0401	1.0401	0.0363401	0.620933	-1.61048	0.279646	0.802433	-1.24621	0.320743	1.22252	1.22252	0.0289502	0.603936	-1.6558	0.560803	0.891207	-1.12207	0.335434	1.21473	1.21473	2.197	1.33448	0.53992	1
cg17006779	NUFIP2	0.140713	0.149566	0.770747	-1.29744	0.756232	0.948875	-1.05388	0.580331	1.09869	1.09869	0.587807	0.911898	-1.09661	0.0454465	1.47206	1.47206	0.409256	1.15284	1.15284	0.0254318	0.63914	-1.5646	0.717475	0.940599	-1.06315	0.480248	1.12855	1.12855	2.19699	0.988237	0.399835	1
cg24512132	C1orf96	0.140714	0.0843443	1.45306	1.45306	0.392812	0.842555	-1.18687	0.394398	0.843062	-1.18615	0.635798	1.09786	1.09786	0.0432211	0.63438	-1.57634	0.372365	0.835913	-1.1963	0.223724	0.778679	-1.28423	0.35278	1.20577	1.20577	0.0775777	0.681193	-1.46801	2.19698	1.33261	0.53917	1
cg08208460	NCCRP1	0.140719	0.0268173	2.82945	2.82945	0.464966	1.34298	1.34298	0.243748	0.616539	-1.62196	0.0360915	2.62898	2.62898	0.410634	0.716313	-1.39604	0.493937	1.31714	1.31714	0.748295	0.880146	-1.13618	0.158806	1.8171	1.8171	0.471944	1.33661	1.33661	2.19694	5.47122	2.21367	1
cg16954280	RHBDL3	0.140721	0.625314	1.1493	1.1493	0.318558	1.33841	1.33841	0.591885	1.16534	1.16534	0.805887	0.932753	-1.0721	0.0261339	0.474165	-2.10897	0.483055	0.817456	-1.22331	0.0377465	0.505937	-1.97653	0.14421	0.641747	-1.55825	0.18486	0.671915	-1.48828	2.19693	2.78175	1.12551	1
cg13564825	PPP1R14A	0.140721	0.471708	0.318627	-3.13847	0.514666	0.356192	-2.80747	0.120069	13.9375	13.9375	0.128078	13.0672	13.0672	0.563128	0.401205	-2.49249	0.255829	6.3802	6.3802	0.399003	3.85349	3.85349	0.0109475	146.753	146.753	0.897749	1.22245	1.22245	2.19693	84.926	34.3616	1
cg04501372	SCML1;SCML1;SCML1;SCML1	0.140722	0.685092	0.838993	-1.19195	0.501339	1.34169	1.34169	0.936879	1.0347	1.0347	0.0173237	3.48453	3.48453	0.946109	1.02954	1.02954	0.0860178	0.441725	-2.26385	0.0714219	0.420152	-2.38009	0.918262	0.956751	-1.0452	0.871313	1.07232	1.07232	2.19692	6.45438	2.61149	1
cg11220502	EFNB2	0.140724	0.796836	0.881993	-1.1338	0.304865	1.67728	1.67728	0.485224	1.41226	1.41226	0.421001	1.49202	1.49202	0.489812	0.710732	-1.407	0.536685	1.35597	1.35597	0.0498904	2.96996	2.96996	0.00844313	5.13972	5.13972	0.194913	1.94905	1.94905	2.19691	8.24312	3.33524	1
cg01418162	NFASC;NFASC;NFASC;NFASC;NFASC	0.140725	0.239632	2.24128	2.24128	0.0905503	3.39484	3.39484	0.0372989	4.87551	4.87551	0.214486	2.35496	2.35496	0.178269	0.39163	-2.55343	0.483757	1.59431	1.59431	0.36039	0.539945	-1.85204	0.116848	3.0545	3.0545	0.249007	2.20279	2.20279	2.1969	14.9466	6.04757	1
cg07557423	ATP8A1;ATP8A1	0.140726	0.0513979	0.356357	-2.80618	0.0278696	0.298492	-3.35018	0.253774	0.574393	-1.74097	0.263068	0.581114	-1.72083	0.041382	0.334727	-2.98751	0.347355	0.637532	-1.56855	0.0572669	0.367666	-2.71986	0.260371	0.579177	-1.72659	0.820337	1.11163	1.11163	2.19689	7.5303	3.04685	1
cg09031657	PRMT2;PRMT2;PRMT2;PRMT2	0.140727	0.466476	1.15954	1.15954	0.403148	0.842911	-1.18636	0.972353	0.993101	-1.00695	0.699017	0.925326	-1.0807	0.721246	0.930937	-1.07419	0.86293	0.966072	-1.03512	0.00973514	1.92154	1.92154	0.039534	1.60897	1.60897	0.804077	1.0509	1.0509	2.19688	1.38829	0.561721	1
cg10589385	SETDB1;SETDB1;SETDB1	0.140729	0.383649	0.681018	-1.46839	0.511372	1.33168	1.33168	0.0251474	0.318135	-3.14332	0.500373	1.34201	1.34201	0.0179667	0.290406	-3.44345	0.336595	0.653071	-1.53123	0.959341	0.978314	-1.02217	0.848258	1.08587	1.08587	0.613236	1.24507	1.24507	2.19687	6.43454	2.60352	1
cg24406937	POFUT2;POFUT2;POFUT2	0.140729	0.192173	0.419759	-2.38232	0.91493	1.0695	1.0695	0.700042	0.783935	-1.27562	0.959803	1.0322	1.0322	0.0105928	0.13247	-7.54887	0.588448	0.709269	-1.4099	0.0491554	0.243633	-4.10454	0.114458	0.339745	-2.94338	0.126681	0.353858	-2.82599	2.19687	13.7576	5.56656	1
cg16022304	ZNF219;ZNF219;ZNF219	0.140732	0.0670907	0.253296	-3.94794	0.284663	2.10353	2.10353	0.13252	2.96264	2.96264	0.520116	0.64647	-1.54686	0.178723	0.384476	-2.60094	0.840809	0.874098	-1.14404	0.0755309	0.266134	-3.75751	0.0964876	0.294927	-3.39067	0.283056	0.47412	-2.10917	2.19685	15.5765	6.30258	1
cg19584823	KLHDC2	0.140732	0.104262	0.700133	-1.4283	0.0785691	1.4802	1.4802	0.103003	1.4305	1.4305	0.857835	0.964648	-1.03665	0.459136	0.859591	-1.16334	0.154032	0.736159	-1.3584	0.45277	0.857674	-1.16594	0.255075	1.26936	1.26936	0.212662	1.30144	1.30144	2.19685	1.40185	0.567217	1
cg03652339	DUSP5	0.140732	0.461309	0.705942	-1.41655	0.0756976	2.50417	2.50417	0.167029	1.98175	1.98175	0.32907	0.626446	-1.59631	0.467785	0.709615	-1.40921	0.721934	1.18047	1.18047	0.016798	0.257988	-3.87616	0.919975	0.954413	-1.04776	0.772997	0.874337	-1.14372	2.19684	7.50074	3.03495	1
cg06102342	MIR1307;USMG5	0.140736	0.300753	0.553357	-1.80715	0.0211494	0.216572	-4.61739	0.206853	0.47966	-2.08481	0.0193423	0.209933	-4.76343	0.204356	0.477505	-2.09422	0.245776	0.511744	-1.9541	0.556506	0.720203	-1.3885	0.91644	0.943727	-1.05963	0.0629246	0.315173	-3.17286	2.19682	10.5965	4.28763	1
cg05836145	SP8;SP8	0.140736	0.0666913	2.30445	2.30445	0.0513331	2.46183	2.46183	0.0662006	2.30876	2.30876	0.910257	1.04685	1.04685	0.77271	0.889058	-1.12479	0.122831	1.97159	1.97159	0.95676	1.02226	1.02226	0.0308498	2.79958	2.79958	0.232922	1.66177	1.66177	2.19682	5.73638	2.32109	1
cg11499984	BLOC1S2;BLOC1S2	0.140736	0.743063	1.16332	1.16332	0.0774538	2.46614	2.46614	0.0158274	3.89395	3.89395	0.794103	1.12782	1.12782	0.494799	1.37551	1.37551	0.277334	1.68133	1.68133	0.434347	1.44319	1.44319	0.0867758	0.418979	-2.38675	0.380584	1.5123	1.5123	2.19682	7.35891	2.97761	1
cg23500208	MAN2A1	0.140737	0.774754	1.1044	1.1044	0.276571	1.4795	1.4795	0.443561	0.763097	-1.31045	0.615153	1.19178	1.19178	0.884011	0.950731	-1.05182	0.709308	1.13838	1.13838	0.00823691	3.22102	3.22102	0.0813607	1.95164	1.95164	0.104701	1.84737	1.84737	2.19681	4.16791	1.68645	1
cg04379155	PHF23	0.140738	0.937552	0.982108	-1.01822	0.300702	1.28028	1.28028	0.400744	1.21917	1.21917	0.313002	0.786279	-1.27181	0.557461	0.87224	-1.14647	0.328755	0.792755	-1.26142	0.0510653	1.66853	1.66853	0.022192	0.531687	-1.88081	0.858361	0.959678	-1.04202	2.19681	1.84693	0.747321	1
cg20514132	SEPHS1	0.140741	0.0733106	1.35102	1.35102	0.125071	1.28418	1.28418	0.635778	1.07452	1.07452	0.0610641	0.727598	-1.37438	0.40686	1.13635	1.13635	0.676067	0.938656	-1.06535	0.192589	0.812405	-1.23091	0.794517	0.961441	-1.0401	0.124793	1.28446	1.28446	2.19678	0.789631	0.319511	1
cg17469934	EPS8L2	0.140744	0.101466	0.378203	-2.64408	0.407333	1.58344	1.58344	0.401128	1.5936	1.5936	0.638196	0.773507	-1.29281	0.0160579	0.202337	-4.94225	0.291672	0.552512	-1.80991	0.0704811	0.334141	-2.99275	0.997913	0.998583	-1.00142	0.302796	0.560572	-1.78389	2.19676	10.2297	4.1393	1
cg11699511	IGLON5	0.140745	0.797185	1.06825	1.06825	0.101967	0.631967	-1.58236	0.282261	1.33171	1.33171	0.517947	0.84532	-1.18298	0.58482	0.868101	-1.15194	0.0882347	0.617383	-1.61974	0.0310632	1.91342	1.91342	0.309181	1.30972	1.30972	0.518451	0.845496	-1.18274	2.19675	2.28675	0.925305	1
cg25312966	CABIN1	0.140747	0.807175	0.965729	-1.03549	0.0578001	1.35784	1.35784	0.0103705	1.58471	1.58471	0.641033	1.06926	1.06926	0.459299	1.11344	1.11344	0.833729	1.03043	1.03043	0.539393	0.915201	-1.09266	0.177099	1.22702	1.22702	0.114418	1.27745	1.27745	2.19674	0.707558	0.286307	1
cg06952751	C18orf8	0.14075	0.849912	1.03712	1.03712	0.206404	1.29226	1.29226	0.0200698	1.71545	1.71545	0.667104	1.08681	1.08681	0.45053	1.15941	1.15941	0.615829	0.907255	-1.10223	0.461759	0.865769	-1.15504	0.124366	1.37728	1.37728	0.0282401	1.64607	1.64607	2.19672	1.28772	0.521068	1
cg16498514	KIAA1530	0.14075	0.0221018	0.582828	-1.71577	0.662923	0.917338	-1.09011	0.142115	0.733108	-1.36406	0.546369	1.1276	1.1276	0.0352915	0.617382	-1.61974	0.892686	1.02691	1.02691	0.254058	1.26402	1.26402	0.612463	0.904394	-1.10571	0.339879	0.824068	-1.21349	2.19671	1.34638	0.544805	1
cg17105609	FGFRL1;FGFRL1;FGFRL1	0.140751	0.169786	0.415711	-2.40552	0.0965106	2.98997	2.98997	0.457068	1.57553	1.57553	0.495466	0.660049	-1.51504	0.0434722	0.248157	-4.02971	0.354051	1.77236	1.77236	0.20366	0.446943	-2.23742	0.224847	2.14945	2.14945	0.429099	0.615997	-1.62338	2.19671	12.5343	5.07197	1
cg24490039	COQ5	0.140752	0.0476625	0.584932	-1.7096	0.728434	0.920781	-1.08603	0.791596	1.06471	1.06471	0.461908	1.19403	1.19403	0.0234697	0.526841	-1.89811	0.0557968	0.598642	-1.67045	0.439458	0.829692	-1.20527	0.488867	0.846638	-1.18114	0.117869	0.668925	-1.49494	2.1967	1.95055	0.789287	1
cg14381945	PCBP3;PCBP3	0.140754	0.036118	0.139908	-7.14754	0.871301	0.877356	-1.13979	0.511234	0.584086	-1.71208	0.38969	0.490981	-2.03674	0.0415726	0.150137	-6.66056	0.0813066	0.210258	-4.75607	0.0503492	0.165263	-6.05096	0.788875	0.805263	-1.24183	0.0540773	0.171286	-5.83818	2.19669	22.6575	9.16836	1
cg14837082	HRH1;HRH1;HRH1;HRH1	0.140759	0.230728	0.80277	-1.24569	0.0291217	0.638074	-1.56722	0.754101	1.05644	1.05644	0.870061	0.971799	-1.02902	0.0211582	0.616111	-1.62309	0.0762459	0.708455	-1.41152	0.30492	0.830574	-1.20399	0.170689	0.77498	-1.29036	0.173523	0.776448	-1.28792	2.19665	1.0622	0.429827	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21432954	TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRPC4	0.140764	0.24924	1.18535	1.18535	0.989659	1.00183	1.00183	0.0859672	0.764979	-1.30723	0.0620149	1.34539	1.34539	0.274041	1.17434	1.17434
cg27282206	PTPRN2;PTPRN2;PTPRN2	0.140767	0.215199	0.735102	-1.36036	0.170459	1.41108	1.41108	0.979963	1.00594	1.00594	0.34519	0.795055	-1.25777	0.269005	0.76219	-1.31201
cg25858983	UBTF;UBTF;UBTF	0.140776	0.891568	0.970279	-1.03063	0.151278	1.40518	1.40518	0.102716	1.48432	1.48432	0.525176	0.867246	-1.15307	0.229574	0.75663	-1.32165
cg15827436	VARS	0.140777	0.420877	0.829023	-1.20624	0.886793	0.96804	-1.03302	0.236241	0.753511	-1.32712	0.0139591	0.500392	-1.99843	0.0283368	0.554195	-1.80442
cg26329992	EXOC1;EXOC1;EXOC1	0.140778	0.0675307	0.23454	-4.26366	0.757054	1.24569	1.24569	0.0569839	0.217641	-4.59472	0.574288	1.49458	1.49458	0.65267	1.37815	1.37815
cg20038169	GMIP;GMIP	0.140778	0.102308	0.601826	-1.66161	0.593273	1.16545	1.16545	0.765271	1.08876	1.08876	0.640862	1.14274	1.14274	0.316568	0.745228	-1.34187
cg13591204	SHB	0.140779	0.0461615	0.337524	-2.96276	0.653769	0.806837	-1.23941	0.486572	0.714567	-1.39945	0.293369	0.595603	-1.67897	0.0761187	0.391318	-2.55547
cg04784948	ATAD2B	0.14078	0.883203	0.962108	-1.03938	0.022263	0.486784	-2.0543	0.814305	0.940046	-1.06378	0.444052	1.22758	1.22758	0.0864301	0.607918	-1.64496
cg05247640	VAMP2	0.140782	0.10245	0.477129	-2.09587	0.14696	1.90505	1.90505	0.144875	0.522916	-1.91235	0.0853412	0.454947	-2.19806	0.157472	0.534768	-1.86997
cg21147890	PID1;PID1	0.140783	0.192367	0.81338	-1.22944	0.392954	1.13997	1.13997	0.339262	1.15887	1.15887	0.556939	1.09301	1.09301	0.860731	0.974054	-1.02664
cg04307987	NQO2	0.140784	0.757609	1.04231	1.04231	0.364859	0.882808	-1.13275	0.405182	1.12077	1.12077	0.047105	0.737737	-1.3555	0.0697139	0.7622	-1.31199
cg04162685	CSNK1D;CSNK1D	0.140786	0.594402	1.14622	1.14622	0.933401	1.02145	1.02145	0.917317	1.02672	1.02672	0.848299	0.952536	-1.04983	0.216663	0.718852	-1.39111
cg04164190	HS3ST3B1	0.140789	0.403106	0.770245	-1.29829	0.929545	1.02735	1.02735	0.473926	1.24882	1.24882	0.922135	0.970612	-1.03028	0.950638	1.01907	1.01907
cg08288223	SHANK2	0.14079	0.393022	0.629107	-1.58955	0.162461	0.453901	-2.20313	0.128488	0.418845	-2.38752	0.0530282	3.20432	3.20432	0.693853	0.810954	-1.23312
cg18066182	PDE3B	0.140793	0.238764	0.60136	-1.6629	0.0625159	2.37272	2.37272	0.511808	1.31555	1.31555	0.645896	0.826386	-1.21009	0.0370073	0.368506	-2.71366
cg07571284	PRMT5;PRMT5	0.140799	0.107773	1.27344	1.27344	0.171439	1.22206	1.22206	0.201632	0.830508	-1.20408	0.703432	1.05409	1.05409	0.0146106	1.51311	1.51311
cg13978929	ZNF493;ZNF493;ZNF493	0.140801	0.228152	0.680648	-1.46919	0.543647	1.20557	1.20557	0.393218	1.30474	1.30474	0.880682	1.04674	1.04674	0.170085	0.641201	-1.55957
cg15412721	DLL3;DLL3	0.140803	0.115682	1.72789	1.72789	0.158685	1.61906	1.61906	0.0197878	2.45959	2.45959	0.261958	1.45368	1.45368	0.22631	1.50127	1.50127
cg02341743	TFCP2	0.140804	0.0735715	0.4238	-2.3596	0.962352	1.02052	1.02052	0.289313	1.60536	1.60536	0.733555	1.1584	1.1584	0.0338375	0.344276	-2.90465
cg07476944	PDS5A;PDS5A;PDS5A	0.14081	0.446899	0.814403	-1.22789	0.0659512	1.72689	1.72689	0.458477	0.8188	-1.2213	0.0553491	0.562604	-1.77745	0.114326	0.634547	-1.57593
cg15594578	PHKA1;PHKA1	0.140811	0.226908	1.78657	1.78657	0.510428	0.736848	-1.35713	0.296334	0.609386	-1.641	0.158239	0.501581	-1.9937	0.0188303	0.272106	-3.67504
cg24326223	GOLGA4	0.140813	0.986421	1.00592	1.00592	0.109078	0.545277	-1.83393	0.408618	0.745775	-1.34089	0.151189	0.586354	-1.70545	0.869782	1.0586	1.0586
cg23325932	BCKDHA;BCKDHA;EXOSC5	0.140813	0.950947	1.01613	1.01613	0.0522836	1.77579	1.77579	0.158408	1.48031	1.48031	0.160889	0.677321	-1.47641	0.845244	1.05215	1.05215
cg22047013	PLEKHG4B	0.140815	0.108916	0.335701	-2.97884	0.638886	0.744469	-1.34324	0.574593	1.42486	1.42486	0.298691	0.510422	-1.95916	0.0799007	0.297231	-3.36439
cg14587065	P2RX1	0.140816	0.324063	0.73854	-1.35402	0.897677	1.03903	1.03903	0.193786	0.664207	-1.50555	0.997493	0.999066	-1.00094	0.0194053	0.43123	-2.31895
cg18904224	ESX1	0.140818	0.102817	0.343697	-2.90954	0.362998	1.74969	1.74969	0.307589	1.88134	1.88134	0.0413098	4.08929	4.08929	0.108343	2.85242	2.85242
cg09686635	C1orf107	0.140818	0.127465	1.28777	1.28777	0.050272	0.710021	-1.40841	0.712902	0.944865	-1.05835	0.0387174	0.692566	-1.44391	0.927082	0.986052	-1.01415
cg04025889	AHCY;AHCY;AHCY	0.14082	0.278118	0.859464	-1.16352	0.06185	1.3263	1.3263	0.939788	1.0102	1.0102	0.504469	1.09522	1.09522	0.489042	0.909939	-1.09897
cg04949226	ANKRD11	0.140822	0.87059	1.03885	1.03885	0.0250349	1.86508	1.86508	0.304216	1.28245	1.28245	0.431439	1.20651	1.20651	0.87928	0.96509	-1.03617
cg22945556	FAM83E	0.140825	0.109939	0.122119	-8.18872	0.389663	0.345127	-2.89748	0.120032	0.130635	-7.65494	0.225484	0.215196	-4.64693	0.0263443	0.0416346	-24.0185
cg18503912	FXYD1;FXYD1	0.140827	0.497648	1.33089	1.33089	0.202008	1.74941	1.74941	0.0589002	0.412445	-2.42456	0.0331697	0.355655	-2.81171	0.450682	0.726826	-1.37585
ch.15.1820989F	LRRK1	0.140828	0.23302	0.409345	-2.44293	?	?	?	0.0158992	0.12133	-8.24196	0.361624	0.511812	-1.95384	0.163423	0.345624	-2.89331
cg25718361	TBC1D22A	0.140829	0.266539	0.840618	-1.1896	0.998714	1.00024	1.00024	0.18698	0.810768	-1.2334	0.0908043	1.32236	1.32236	0.289973	1.17906	1.17906
cg18356760	SGPP1	0.140833	0.436253	0.763895	-1.30908	0.748239	1.11538	1.11538	0.297814	1.44192	1.44192	0.694634	0.874777	-1.14315	0.563483	0.820337	-1.21901
cg19723827	NID1	0.140836	0.536247	0.880063	-1.13628	0.807645	0.95146	-1.05102	0.07315	1.50329	1.50329	0.162427	1.35558	1.35558	0.249573	0.782336	-1.27822
cg09827065	GFER	0.140838	0.407694	0.786531	-1.27141	0.53274	0.835983	-1.1962	0.744031	0.911288	-1.09735	0.527633	1.19895	1.19895	0.15314	0.648083	-1.54301
cg08815745	C17orf96;C17orf96	0.140843	0.479253	0.830003	-1.20482	0.206701	0.708225	-1.41198	0.0990435	0.625956	-1.59756	0.628715	0.881419	-1.13453	0.979675	0.993422	-1.00662
cg08012294	CTSB;CTSB;CTSB;CTSB;CTSB	0.140852	0.871815	0.932271	-1.07265	0.0128775	3.82367	3.82367	0.103223	2.16858	2.16858	0.268515	0.606211	-1.64959	0.469369	0.726375	-1.3767
cg01534799	FLYWCH1;FLYWCH1	0.140857	0.0881992	0.498061	-2.00778	0.0145497	0.327889	-3.04981	0.206133	0.610129	-1.639	0.378936	1.39715	1.39715	0.286101	1.50747	1.50747
cg12169661	CLDN3;CLDN3	0.14086	0.0280092	0.165998	-6.02418	0.569353	0.67176	-1.48863	0.028618	0.167549	-5.96841	0.398327	1.81896	1.81896	0.375915	0.533301	-1.87511
cg07253630	CHTF8;CIRH1A;CHTF8;CHTF8;CHTF8	0.140862	0.127835	0.78642	-1.27159	0.146801	1.25516	1.25516	0.0149994	1.54714	1.54714	0.990463	0.998257	-1.00175	0.480783	0.90069	-1.11026
cg18146300	COPS3	0.140865	0.167564	0.651986	-1.53377	0.106357	0.598851	-1.66986	0.72509	0.902431	-1.10812	0.167748	1.53345	1.53345	0.154233	0.641804	-1.55811
cg05615147	BTBD1;BTBD1;BTBD1;BTBD1	0.14087	0.361758	0.553236	-1.80755	0.0163833	6.37659	6.37659	0.0235388	5.51733	5.51733	0.410713	1.70097	1.70097	0.678499	1.3011	1.3011
cg19831077	WDR86	0.140872	0.0943683	0.563193	-1.77559	0.108833	0.579255	-1.72636	0.840939	0.939189	-1.06475	0.321164	0.726136	-1.37715	0.00912892	0.355574	-2.81235
cg26697654	PCNT	0.140872	0.24419	0.538826	-1.85589	0.455894	0.680165	-1.47023	0.335428	0.604032	-1.65554	0.748918	0.84961	-1.17701	0.00766831	0.175655	-5.69298
cg13208102	WBP5;WBP5;WBP5;WBP5;WBP5;WBP5;WBP5;WBP5	0.140873	0.311684	0.511913	-1.95346	0.0409987	0.221181	-4.52119	0.818156	1.15875	1.15875	0.21968	2.2835	2.2835	0.150662	0.373258	-2.67911
cg27176870	SPINT2;SPINT2	0.140876	0.043034	19.6858	19.6858	0.142102	7.53833	7.53833	0.056354	15.8881	15.8881	0.227171	5.06694	5.06694	0.722209	1.57914	1.57914
cg24705939	RBPMS;RBPMS;RBPMS	0.140877	0.251731	0.731172	-1.36767	0.189965	0.695588	-1.43763	0.841816	0.949091	-1.05364	0.666776	0.892907	-1.11994	0.0554272	0.566819	-1.76423
cg01562528	CHD1L	0.140878	0.251581	1.61616	1.61616	0.0551409	0.418362	-2.39027	0.972611	0.986334	-1.01386	0.581672	1.24984	1.24984	0.722882	1.15338	1.15338
cg05068636	SPG11;SPG11	0.14088	0.0967032	0.480664	-2.08046	0.363294	0.687042	-1.45552	0.0360512	0.375468	-2.66335	0.465471	0.741993	-1.34772	0.977738	0.988852	-1.01127
cg24934011	NEGR1	0.14088	0.28619	1.7461	1.7461	0.50249	1.40845	1.40845	0.745456	1.17813	1.17813	0.0604793	2.90168	2.90168	0.192751	0.499717	-2.00113
cg26570844	CUX1;CUX1;CUX1	0.140881	0.894565	0.939997	-1.06383	0.0110767	0.226138	-4.42208	0.600738	0.78159	-1.27944	0.711134	0.840639	-1.18957	0.132937	0.46928	-2.13093
cg24390590	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.140884	0.0198755	0.122139	-8.18741	0.0900892	0.247305	-4.04359	0.034086	0.157283	-6.35796	0.202575	0.365626	-2.73504	0.243262	0.401237	-2.49229
cg19888369	PPFIA2	0.140888	0.117598	0.325833	-3.06905	0.352012	0.531569	-1.88122	0.342101	0.524226	-1.90758	0.60128	1.41605	1.41605	0.00562836	0.0909212	-10.9985
cg00868187	PRR5;PRR5;PRR5;PRR5-ARHGAP8;PRR5;PRR5	0.140891	0.898297	0.978475	-1.022	0.00988491	1.74143	1.74143	0.275362	0.824392	-1.21302	0.349503	1.17808	1.17808	0.690939	1.07037	1.07037
cg27661711	PCK1	0.140892	0.166778	0.742601	-1.34662	?	?	?	?	?	?	0.246096	0.783368	-1.27654	0.920502	1.02016	1.02016
cg02706649	PGBD2;PGBD2	0.140895	0.0862071	0.618856	-1.61588	0.795716	0.936433	-1.06788	0.841583	1.05196	1.05196	0.476304	1.20122	1.20122	0.0648897	0.591682	-1.6901
cg07299736	ZFAT;ZFAT	0.140895	0.952837	0.939535	-1.06436	0.00642059	42.0362	42.0362	0.108638	6.32989	6.32989	0.444333	0.43943	-2.27567	0.657526	0.624698	-1.60077
cg14437634	PLEK2	0.140898	0.379497	1.24915	1.24915	0.0655246	0.600472	-1.66536	0.151649	0.684515	-1.46089	0.428837	0.819305	-1.22055	0.900981	1.03119	1.03119
cg09119854	AXIN2	0.140899	0.130438	0.370068	-2.70221	0.317129	0.532925	-1.87644	0.95103	1.03809	1.03809	0.946183	0.959749	-1.04194	0.0292967	0.209581	-4.77143
cg25406657	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.140901	0.892884	1.11546	1.11546	0.0139759	11.7263	11.7263	0.035218	7.31023	7.31023	0.83876	1.17967	1.17967	0.854516	1.16051	1.16051
cg07323399	SOD3	0.140902	0.307276	0.770017	-1.29867	0.0644756	0.598332	-1.67131	0.390191	1.24325	1.24325	0.665849	0.898133	-1.11342	0.636143	0.888835	-1.12507
cg25486432	C12orf67	0.140904	0.520333	0.886384	-1.12818	0.250536	0.800733	-1.24886	0.329117	0.829929	-1.20492	0.431424	0.861896	-1.16023	0.670374	0.923814	-1.08247
cg26758863	ZNF805;ZNF805;ZNF805;ZNF805	0.140906	0.664722	1.09124	1.09124	0.59966	1.11188	1.11188	0.09055	1.45267	1.45267	0.855634	0.964191	-1.03714	0.521127	1.13908	1.13908
cg16263701	HDAC7;HDAC7;HDAC7;HDAC7	0.140909	0.845376	1.02313	1.02313	0.387246	0.901426	-1.10935	0.170194	1.18656	1.18656	0.297221	0.881133	-1.1349	0.936808	0.990758	-1.00933
cg23688350	SEPT10;SEPT10	0.140912	0.994323	0.998258	-1.00174	0.858311	1.04477	1.04477	0.225251	1.36632	1.36632	0.130766	1.49165	1.49165	0.00988027	0.449815	-2.22314
cg04717240	CINP;TECPR2	0.140916	0.223146	0.753673	-1.32684	0.0217883	1.83729	1.83729	0.612124	1.1196	1.1196	0.263541	1.2937	1.2937	0.662648	0.907572	-1.10184
cg01850135	NMRAL1	0.140917	0.0789411	0.57136	-1.75021	0.426947	0.792364	-1.26205	0.0952439	0.590996	-1.69206	0.198496	0.677127	-1.47683	0.261287	0.714527	-1.39953
cg13216351	MOCS3;DPM1	0.140918	0.936217	0.982162	-1.01816	0.176574	1.38136	1.38136	0.93262	0.981163	-1.0192	0.335155	1.25046	1.25046	0.943407	0.984161	-1.01609
cg15941164	TBCA;TBCA	0.140919	0.0563355	0.491784	-2.03341	0.0118595	0.356406	-2.80579	0.129666	0.584098	-1.71204	0.88991	0.955534	-1.04654	0.354709	0.731472	-1.36711
cg12223004	CACNA2D3	0.140921	0.194705	1.59043	1.59043	0.604651	1.19323	1.19323	0.0838203	0.523521	-1.91014	0.323151	0.708088	-1.41225	0.667442	0.863976	-1.15744
cg27223727	PCP4L1	0.140921	0.0306178	0.45355	-2.20483	0.028481	2.23606	2.23606	0.841638	1.06425	1.06425	0.291166	0.711092	-1.40629	0.49996	0.808047	-1.23755
cg21218646	NR1H4	0.140922	0.221131	0.64699	-1.54562	0.142256	0.586217	-1.70585	0.0481519	0.465531	-2.14809	0.405982	0.749903	-1.33351	0.0109808	0.339473	-2.94574
cg24274982	CBX3;CBX3;HNRNPA2B1;HNRNPA2B1	0.140922	0.138645	0.297582	-3.36041	?	?	?	?	?	?	?	?	?	?	?	?
cg10184881	PTP4A2;PTP4A2	0.140922	0.28927	1.1365	1.1365	0.193089	0.851961	-1.17376	0.669878	1.05115	1.05115	0.148497	1.19754	1.19754	0.4573	1.09204	1.09204
cg00746083	CHD8;CHD8	0.140923	0.612028	1.10409	1.10409	0.221451	0.779723	-1.28251	0.568573	1.11803	1.11803	0.0940899	1.42813	1.42813	0.0273779	1.65747	1.65747
cg04656070	TRPS1	0.140923	0.042329	0.267596	-3.73698	0.118292	0.384427	-2.60127	0.0347564	0.249732	-4.00429	0.175197	0.443633	-2.25412	0.19558	0.462262	-2.16328
cg05163588	LIMK1	0.140923	0.187134	0.592388	-1.68808	0.515067	0.780986	-1.28043	0.402344	1.37845	1.37845	0.378619	0.712999	-1.40253	0.0442484	0.420875	-2.376
cg04044120	DNAJB13	0.140927	0.561455	1.24334	1.24334	0.0298398	2.58105	2.58105	0.51723	1.27579	1.27579	0.51851	1.27482	1.27482	0.706683	0.869153	-1.15055
cg26685187	LDLRAD2	0.140936	0.186972	0.466478	-2.14372	0.330912	0.578728	-1.72793	0.228323	0.501918	-1.99236	0.276931	0.539842	-1.85239	0.0835526	0.351988	-2.841
cg11971027	NPR1	0.140936	0.0554055	0.464334	-2.15362	0.490219	0.780657	-1.28097	0.559879	1.23158	1.23158	0.174946	0.600663	-1.66483	0.158623	0.587194	-1.70301
cg20506460	SERINC3;SERINC3;SERINC3;SERINC3	0.140939	0.227187	0.803072	-1.24522	0.23423	1.24074	1.24074	0.858349	1.03139	1.03139	0.534147	0.896807	-1.11507	0.726581	1.06261	1.06261
cg07283415	TTLL12	0.140939	0.449595	0.877221	-1.13996	0.119108	0.750073	-1.3332	0.209037	0.798405	-1.2525	0.80632	1.04265	1.04265	0.53597	0.89892	-1.11245
cg01287820	C7orf50;C7orf50;C7orf50	0.140939	0.0841428	0.713221	-1.40209	0.340118	0.8404	-1.18991	0.908979	0.979976	-1.02043	0.367024	0.848833	-1.17809	0.0896906	0.718292	-1.39219
cg15721142	GOLGA3	0.140941	0.954941	0.980904	-1.01947	0.076091	1.98346	1.98346	0.95334	0.980231	-1.02017	0.170341	0.604638	-1.65388	0.0289981	0.405944	-2.46339
cg02258788	AMOTL2	0.140946	0.080561	0.491693	-2.03379	0.359984	0.708418	-1.4116	0.631065	0.837588	-1.1939	0.499711	0.77806	-1.28525	0.0259084	0.379602	-2.63434
cg00935351	CDH1	0.140948	0.0711627	0.685905	-1.45793	0.201027	1.28736	1.28736	0.804823	1.0474	1.0474	0.97381	1.00616	1.00616	0.340242	0.832067	-1.20183
cg26602666	TPK1;TPK1	0.140948	0.237517	0.584486	-1.7109	0.0268456	0.320457	-3.12054	0.0179446	0.287037	-3.48387	0.599124	0.794376	-1.25885	0.572567	0.780787	-1.28076
cg04466870	SFXN4;SFXN4	0.14095	0.486089	0.880263	-1.13602	0.0919781	1.39691	1.39691	0.469974	1.14163	1.14163	0.654798	0.922108	-1.08447	0.676352	1.07858	1.07858
cg19841423	ZGPAT;ZGPAT;ZGPAT;LIME1	0.140951	0.855526	1.07249	1.07249	0.030516	2.65426	2.65426	0.0111161	3.39517	3.39517	0.206063	1.66892	1.66892	0.54593	1.2645	1.2645
cg06993329	CHID1;CHID1;CHID1;CHID1;CHID1	0.140952	0.0384854	0.769551	-1.29946	0.664759	1.04879	1.04879	0.557619	0.937264	-1.06694	0.159843	1.17831	1.17831	0.239383	1.14409	1.14409
cg26258845	ADAM23	0.140953	0.825828	1.04153	1.04153	0.146194	1.33379	1.33379	0.613821	0.910325	-1.09851	0.531193	0.88948	-1.12425	0.164829	1.31469	1.31469
cg00456387	TTC32;TTC32	0.140957	0.108771	0.825735	-1.21104	0.780601	1.03104	1.03104	0.100082	1.21804	1.21804	0.637671	0.949395	-1.0533	0.0895156	0.8147	-1.22745
cg06165395	GRIK3	0.140957	0.105453	0.34921	-2.86361	0.403064	1.66358	1.66358	0.820948	1.14435	1.14435	0.165548	0.414911	-2.41015	0.222986	0.466895	-2.14181
cg03448840	ARMC9	0.140959	0.10164	0.247122	-4.04659	0.084577	0.225815	-4.4284	0.069537	0.205263	-4.87181	0.48873	0.577745	-1.73087	0.0269197	0.129499	-7.72209
cg01362455	HLA-H	0.140959	0.103104	3.52089	3.52089	0.917384	1.076	1.076	0.118931	3.30271	3.30271	0.414658	1.80154	1.80154	0.0403028	5.32463	5.32463
cg12045875	DDX43;DDX43	0.140959	0.118064	0.267408	-3.73961	0.0882247	0.231755	-4.3149	0.249967	0.392821	-2.54569	0.167239	3.14018	3.14018	0.0819089	0.223519	-4.47389
cg24900927	IQGAP2	0.14096	0.102628	0.560981	-1.78259	0.041185	0.466538	-2.14345	0.0286932	0.433755	-2.30545	0.56592	1.20663	1.20663	0.139831	0.597977	-1.6723
cg11340603	SYT1;SYT1;SYT1	0.140962	0.713069	1.15925	1.15925	0.239092	0.610629	-1.63766	0.826051	0.915706	-1.09205	0.146268	0.535816	-1.86631	0.0144781	3.33815	3.33815
cg12258176	SLC11A2	0.140964	0.258097	1.42178	1.42178	0.00388881	3.18795	3.18795	0.672778	0.881016	-1.13505	0.709976	1.11784	1.11784	0.233802	1.45098	1.45098
cg06840042	MKRN2;MKRN2	0.140965	0.89205	1.01644	1.01644	0.712222	0.95647	-1.04551	0.51025	1.08354	1.08354	0.564398	1.0725	1.0725	0.118917	1.22545	1.22545
cg20660171	ZFP36L2;LOC100129726	0.140971	0.225187	0.56717	-1.76314	0.050429	0.370588	-2.69841	0.0105292	0.238626	-4.19066	0.053903	0.377476	-2.64917	0.177856	0.528651	-1.89161
cg22290140	PGS1	0.140972	0.162828	1.48205	1.48205	0.858959	0.954145	-1.04806	0.67788	0.89563	-1.11653	0.655656	1.12574	1.12574	0.231658	0.71816	-1.39245
cg26352502	AACS	0.140972	0.464503	0.857298	-1.16645	0.0259355	0.578797	-1.72772	0.176858	0.743121	-1.34568	0.746419	1.06941	1.06941	0.178603	0.744117	-1.34388
cg13412754	MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1	0.140973	0.117763	0.156327	-6.39686	0.293949	0.304443	-3.28469	0.991741	1.01137	1.01137	0.289874	0.30116	-3.32049	0.108287	0.147484	-6.78038
cg03736944	RAB40C	0.140974	0.563969	1.06575	1.06575	0.0154341	0.722926	-1.38327	0.891916	0.985268	-1.01495	0.443227	1.08909	1.08909	0.257531	1.13768	1.13768
cg16087412	KCNJ12	0.140981	0.0962407	3.48134	3.48134	0.025213	6.15782	6.15782	0.337443	1.96479	1.96479	0.173399	2.68932	2.68932	0.0759166	3.85357	3.85357
cg25730732	NARG2;NARG2	0.140982	0.369892	1.52414	1.52414	0.338056	1.57142	1.57142	0.0370486	3.0287	3.0287	0.783205	0.881414	-1.13454	?	?	?
cg00040027	SLC25A12	0.140984	0.669852	0.903779	-1.10647	0.0398872	0.571013	-1.75127	0.0532932	0.595773	-1.67849	0.302838	1.28631	1.28631	0.201149	1.37501	1.37501
cg21062891	CCHCR1;CCHCR1;CCHCR1	0.140985	0.530184	0.771603	-1.296	0.439691	0.72518	-1.37897	0.0524812	0.406946	-2.45733	0.147474	0.530605	-1.88464	0.0673692	0.433541	-2.30659
cg02787120	IMMP2L	0.140985	0.388087	0.634477	-1.5761	0.0747665	0.360316	-2.77534	0.0149323	0.214518	-4.66162	0.972897	1.01763	1.01763	0.278538	0.560189	-1.78511
cg24504912	UBA52;UBA52	0.140987	0.166498	0.81339	-1.22942	0.0858745	1.30442	1.30442	0.889567	1.01964	1.01964	0.335137	0.870087	-1.14931	0.44948	0.897715	-1.11394
cg08744727	ZNF876P	0.140987	0.265788	1.42293	1.42293	0.193447	0.65799	-1.51978	0.219314	1.4813	1.4813	0.461367	0.796052	-1.2562	0.127272	1.65138	1.65138
cg00161683	KIAA1429;KIAA1429	0.140987	0.0339168	0.246575	-4.05556	0.0699911	0.318073	-3.14393	0.106083	0.368636	-2.7127	0.474742	0.662989	-1.50832	0.0358481	0.251429	-3.97727
cg00784718	DUSP10;DUSP10	0.14099	0.229848	0.804402	-1.24316	0.5912	0.910584	-1.0982	0.841936	0.966094	-1.0351	0.0887532	0.723	-1.38313	0.457567	0.877489	-1.13962
cg01914785	SELO	0.140994	0.372854	1.35742	1.35742	0.457206	1.28775	1.28775	0.174859	1.61933	1.61933	0.0798131	1.91428	1.91428	0.579728	0.829571	-1.20544
cg26872588	C1orf198;C1orf198;C1orf198	0.140995	0.200791	0.427774	-2.33768	0.00598752	0.104601	-9.5601	0.0975759	0.319052	-3.13429	0.810873	1.1626	1.1626	0.256126	0.474756	-2.10635
cg03331229	MMP13	0.140996	0.399688	1.39508	1.39508	0.579664	1.24118	1.24118	0.0304174	0.374358	-2.67124	0.567898	0.800158	-1.24975	0.0523177	0.426431	-2.34504
cg02555274	C3orf39	0.140999	0.421212	1.13391	1.13391	0.486401	1.11423	1.11423	0.627046	0.927846	-1.07777	0.60663	1.08268	1.08268	0.982858	1.00329	1.00329
cg17755460	PTGFRN	0.141	0.122728	1.99062	1.99062	0.0123072	3.6085	3.6085	0.0704024	2.29905	2.29905	0.302966	1.55154	1.55154	0.102626	2.08593	2.08593
cg17362109	C3orf21	0.141002	0.626691	0.895595	-1.11658	0.0878861	1.52766	1.52766	0.0440036	1.68311	1.68311	0.243374	0.759871	-1.31601	0.596188	1.12784	1.12784
cg10122252	PITPNM1;PITPNM1	0.141002	0.958957	1.00993	1.00993	0.544515	1.12494	1.12494	0.0323067	0.618096	-1.61787	0.702969	0.929103	-1.07631	0.0903387	0.698919	-1.43078
cg15603964	UBR4	0.141006	0.0585787	0.618285	-1.61738	0.350207	0.805434	-1.24157	0.393251	0.821362	-1.21749	0.112381	0.677776	-1.47541	0.259109	0.767261	-1.30334
cg24360513	SH3BP5L;SH3BP5L	0.141007	0.848509	1.10643	1.10643	0.647026	1.27613	1.27613	0.0453772	3.36665	3.36665	0.124651	0.415111	-2.409	0.908202	0.940819	-1.0629
cg11301670	RNASET2	0.141012	0.0255624	0.384526	-2.6006	0.783108	1.10452	1.10452	0.0811162	0.498236	-2.00708	0.246904	0.646494	-1.54681	0.0559504	0.458384	-2.18158
cg11084035	GANAB;GANAB	0.141013	0.122652	1.47604	1.47604	0.125521	0.679825	-1.47097	0.204195	0.732062	-1.36601	0.0714941	0.625948	-1.59758	0.0461155	0.587467	-1.70222
cg21255438	PRDM14	0.141024	0.0844014	2.97084	2.97084	0.44116	1.56519	1.56519	0.129841	2.54295	2.54295	0.590724	0.733694	-1.36297	0.39149	0.606059	-1.65
cg16525300	LOC153328	0.141029	0.152749	1.25914	1.25914	0.0184651	1.53728	1.53728	0.315925	0.855546	-1.16884	0.804045	1.03811	1.03811	0.772037	0.957232	-1.04468
cg14358474	LOC442421	0.141031	0.168432	1.21156	1.21156	0.327695	1.14124	1.14124	0.498649	1.09397	1.09397	0.294396	1.15281	1.15281	0.138535	0.811789	-1.23185
cg07563882	NXN	0.141034	0.412154	0.700929	-1.42668	0.0303882	2.94003	2.94003	0.296344	1.58229	1.58229	0.342332	1.51377	1.51377	0.0277537	0.332063	-3.01148
cg19710662	KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.141034	0.0545185	0.288809	-3.4625	0.973736	0.98143	-1.01892	0.980947	1.01369	1.01369	0.0912533	0.346795	-2.88355	0.324236	0.560091	-1.78542
cg21831836	RAB39	0.141035	0.894115	0.98135	-1.019	0.222729	0.834316	-1.19859	0.590766	1.07977	1.07977	0.827746	0.969662	-1.03129	0.0541856	1.36196	1.36196
cg00245746	TMEM18	0.141039	0.131174	0.473744	-2.11085	0.221817	0.555088	-1.80152	0.438868	0.696327	-1.43611	0.186107	0.525924	-1.90142	0.0215441	0.282129	-3.54448
cg13113115	TFCP2	0.141039	0.160358	2.26877	2.26877	0.8142	1.13723	1.13723	0.618836	1.31516	1.31516	0.279732	0.541283	-1.84746	0.283869	1.83703	1.83703

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21432954	0.300058	1.16373	1.16373	0.120418	0.788329	-1.26851	0.252471	1.18386	1.18386	0.225974	1.19665	1.19665	2.19661	0.693549	0.280654	1
cg27282206	0.833355	0.951514	-1.05096	0.233283	1.34287	1.34287	0.0965145	1.53793	1.53793	0.0378612	0.566664	-1.76471	2.19659	1.93588	0.78339	1
cg25858983	0.108927	0.679269	-1.47217	0.518911	1.15564	1.15564	0.0441922	0.599664	-1.6676	0.517419	1.15625	1.15625	2.19653	1.70236	0.688911	1
cg15827436	0.789739	1.06284	1.06284	0.614783	0.890732	-1.12267	0.580219	1.13585	1.13585	0.140364	0.696492	-1.43577	2.19652	1.80889	0.732023	1
cg26329992	0.562301	1.51402	1.51402	0.0612674	0.224695	-4.45048	0.0610023	0.224266	-4.45899	0.732948	1.27441	1.27441	2.19651	17.4372	7.05654	1
cg20038169	0.902302	0.965724	-1.03549	0.0214452	0.456209	-2.19198	0.507457	0.82615	-1.21043	0.0662238	1.7953	1.7953	2.19651	2.80599	1.13554	1
cg13591204	0.525122	1.35816	1.35816	0.180775	0.508867	-1.96515	0.100167	2.35449	2.35449	0.117187	0.445285	-2.24575	2.1965	7.8621	3.18166	1
cg04784948	0.177849	0.68643	-1.45681	0.0295367	0.509991	-1.96082	0.240322	0.72394	-1.38133	0.41745	0.80433	-1.24327	2.1965	2.4021	0.972093	1
cg05247640	0.663496	0.834208	-1.19874	0.0366665	0.365949	-2.73262	0.673431	0.839022	-1.19186	0.193066	0.565331	-1.76888	2.19648	5.96446	2.41374	1
cg21147890	0.408745	1.13483	1.13483	0.00794215	1.66449	1.66449	0.704192	1.05876	1.05876	0.271061	0.842373	-1.18712	2.19647	0.779566	0.315482	1
cg04307987	0.994826	1.00087	1.00087	0.254077	0.852625	-1.17285	0.0527576	1.34279	1.34279	0.999084	1.00015	1.00015	2.19647	0.623438	0.252299	1
cg04162685	0.00376696	0.370532	-2.69882	0.620262	1.13522	1.13522	0.941212	0.981446	-1.0189	0.4841	0.834801	-1.19789	2.19645	2.24294	0.907702	1
cg04164190	0.447588	0.789661	-1.26637	0.00729026	0.347918	-2.87424	0.798902	1.081	1.081	0.107598	1.70875	1.70875	2.19643	3.23809	1.31045	1
cg08288223	0.14919	2.26883	2.26883	0.582773	0.745384	-1.34159	0.0985914	0.38313	-2.61008	0.544443	1.38393	1.38393	2.19642	9.75922	3.94954	1
cg18066182	0.704661	0.854738	-1.16995	0.865163	0.932346	-1.07256	0.0782049	2.24007	2.24007	0.597403	0.802773	-1.24568	2.1964	5.90989	2.39174	1
cg07571284	0.544311	0.918952	-1.0882	0.684397	0.945269	-1.0579	0.610855	0.931759	-1.07324	0.353538	1.14051	1.14051	2.19636	0.659882	0.267061	1
cg13978929	0.184471	0.651732	-1.53437	0.263295	0.701399	-1.42572	0.0364698	0.477408	-2.09465	0.0880145	1.77286	1.77286	2.19634	3.21759	1.3022	1
cg15412721	0.812725	0.926906	-1.07886	0.0328939	2.22122	2.22122	0.0950206	1.79807	1.79807	0.230931	1.49467	1.49467	2.19633	3.5579	1.43994	1
cg02341743	0.0624877	0.405649	-2.46518	0.134838	0.499691	-2.00124	0.980899	0.98975	-1.01036	0.191124	0.551191	-1.81425	2.19632	6.44243	2.60736	1
cg07476944	0.942188	0.980976	-1.01939	0.561649	0.856066	-1.16813	0.309868	0.75708	-1.32086	0.122343	1.55801	1.55801	2.19627	2.43943	0.987302	1
cg15594578	0.484171	1.38432	1.38432	0.434672	1.43995	1.43995	0.185223	1.90152	1.90152	0.717162	1.18105	1.18105	2.19627	7.27776	2.9455	1
cg24326223	0.0663837	2.04333	2.04333	0.0600408	2.08813	2.08813	0.210158	1.58143	1.58143	0.577801	1.21549	1.21549	2.19625	4.18993	1.69579	1
cg23325932	0.315104	1.31027	1.31027	0.0456391	0.550902	-1.8152	0.350277	0.77871	-1.28418	0.846697	1.05164	1.05164	2.19625	2.35414	0.95279	1
cg22047013	0.199797	0.429269	-2.32954	0.0232541	0.183893	-5.43793	0.0308598	0.205404	-4.86845	0.403348	0.586315	-1.70557	2.19624	13.5583	5.48746	1
cg14587065	0.129364	0.614069	-1.62848	0.0951373	0.579433	-1.72583	0.138705	1.60691	1.60691	0.858181	0.948164	-1.05467	2.19623	3.08036	1.24673	1
cg18904224	0.125308	0.370553	-2.69867	0.843033	0.888134	-1.12596	0.432733	1.61458	1.61458	0.870027	0.906659	-1.10295	2.19622	12.4546	5.04082	1
cg09686635	0.792553	1.04128	1.04128	0.0721679	0.734947	-1.36064	0.71586	1.0577	1.0577	0.799603	1.03981	1.03981	2.19622	0.819071	0.331508	1
cg04025889	0.215989	0.839579	-1.19107	0.115705	1.25812	1.25812	0.42847	0.897133	-1.11466	0.0455252	1.36064	1.36064	2.1962	0.627224	0.253862	1
cg04949226	0.0240511	0.533025	-1.87608	0.713166	0.917298	-1.09016	0.694233	1.09677	1.09677	0.566244	0.873228	-1.14518	2.19619	1.90126	0.769521	1
cg22945556	0.0752735	0.0916135	-10.9154	0.028593	0.044291	-22.578	0.898919	1.16576	1.16576	0.212858	0.205292	-4.87111	2.19617	50.6577	20.5035	1
cg18503912	0.980201	0.989751	-1.01036	0.92415	1.04033	1.04033	0.0554087	0.405995	-2.46308	0.987027	1.00677	1.00677	2.19615	5.99479	2.42638	1
ch.15.1820989F	0.932041	0.940898	-1.06281	0.565215	0.660169	-1.51476	0.021977	0.140477	-7.11861	0.464963	0.587916	-1.70092	2.2148	15.9072	7.1822	1
cg25718361	0.803236	1.03815	1.03815	0.0171882	1.54564	1.54564	0.377498	1.14546	1.14546	0.597298	0.923155	-1.08324	2.19613	0.782348	0.316657	1
cg18356760	0.394612	1.34401	1.34401	0.00511044	0.285206	-3.50624	0.727659	0.888208	-1.12586	0.367584	0.730635	-1.36867	2.19611	3.99929	1.61874	1
cg19723827	0.283864	1.25497	1.25497	0.0222308	1.74904	1.74904	0.643989	0.909438	-1.09958	0.468318	0.860259	-1.16244	2.19608	1.44731	0.585814	1
cg09827065	0.348536	1.31474	1.31474	0.00944881	0.393532	-2.54109	0.112022	0.612234	-1.63336	0.23628	0.703379	-1.42171	2.19607	2.79596	1.1317	1
cg08815745	0.881543	1.03938	1.03938	0.00968743	2.33465	2.33465	0.814511	1.06277	1.06277	0.72097	1.09736	1.09736	2.19604	2.33407	0.94476	1
cg08012294	0.45996	1.38644	1.38644	0.36846	1.4936	1.4936	0.298732	0.626387	-1.59646	0.788369	0.889719	-1.12395	2.19597	6.5602	2.65546	1
cg01534799	0.390193	1.38571	1.38571	0.802356	1.09737	1.09737	0.79993	0.910202	-1.09866	0.683094	0.858925	-1.16425	2.19593	4.77387	1.93241	1
cg12169661	0.26564	0.448198	-2.23116	0.126784	0.318986	-3.13493	0.147146	0.340862	-2.93374	0.674507	1.3394	1.3394	2.19591	16.6459	6.73816	1
cg07253630	0.605549	0.926788	-1.079	0.303308	0.855897	-1.16837	0.538021	0.913019	-1.09527	0.565115	1.08858	1.08858	2.19589	0.740753	0.299854	1
cg18146300	0.0228009	0.452816	-2.2084	0.674522	0.88443	-1.13067	0.995343	1.0017	1.0017	0.319155	1.34899	1.34899	2.19587	2.94038	1.19027	1
cg05615147	0.881038	1.09918	1.09918	0.992424	1.00601	1.00601	0.932045	0.94757	-1.05533	0.172505	2.50136	2.50136	2.19583	13.8669	5.61342	1
cg19831077	0.378631	0.754258	-1.32581	0.0702206	0.531579	-1.88119	0.151107	0.618572	-1.61663	0.229263	0.67442	-1.48275	2.19582	3.39011	1.37234	1
cg26697654	0.190197	2.02208	2.02208	0.595911	1.31209	1.31209	0.305264	0.583455	-1.71393	0.30243	0.581479	-1.71975	2.19582	8.9579	3.62624	1
cg13208102	0.0195346	0.16438	-6.08347	0.846746	1.13178	1.13178	0.937015	0.950695	-1.05186	0.956185	1.03578	1.03578	2.19582	14.2342	5.76214	1
cg27176870	0.431565	2.79383	2.79383	0.145062	7.41087	7.41087	0.0131814	51.0752	51.0752	0.467498	2.57597	2.57597	2.19579	56.9689	23.0618	1
cg24705939	0.0949832	0.61892	-1.61572	0.0109365	0.433804	-2.30519	0.077295	0.598356	-1.67124	0.492799	0.833481	-1.19979	2.19579	2.37792	0.962619	1
cg01562528	0.848823	1.07948	1.07948	0.0167155	3.22432	3.22432	0.15359	1.84474	1.84474	0.364224	1.45308	1.45308	2.19578	5.58588	2.26126	1
cg05068636	0.340126	0.673704	-1.48433	0.0228051	0.334669	-2.98803	0.773324	1.12302	1.12302	0.0488542	0.405058	-2.46878	2.19577	5.61301	2.27226	1
cg24934011	0.0427466	3.2341	3.2341	0.557306	1.34808	1.34808	0.0445949	3.1916	3.1916	0.130548	2.27437	2.27437	2.19576	8.80705	3.56527	1
cg26570844	0.552538	0.755474	-1.32367	0.0267778	0.293917	-3.40233	0.113931	0.448183	-2.23123	0.798019	0.887209	-1.12713	2.19576	7.5735	3.06591	1
cg24390590	0.0733184	0.224572	-4.45292	0.238746	0.397391	-2.51642	0.644592	0.70652	-1.41539	0.120523	0.283816	-3.52341	2.19573	19.4523	7.87479	1
cg19888369	0.47672	0.620401	-1.61186	0.561772	0.679047	-1.47265	0.852011	1.13113	1.13113	0.139926	0.350681	-2.8516	2.1957	15.1383	6.12844	1
cg00868187	0.105992	1.35046	1.35046	0.0961066	1.36474	1.36474	0.94901	1.01094	1.01094	0.445385	1.14154	1.14154	2.19569	1.007	0.407668	1
cg27661711	0.0256994	0.580228	-1.72346	0.0813825	0.675424	-1.48055	0.153792	0.73456	-1.36136	0.0729355	0.665822	-1.5019	2.35173	1.13318	0.481849	1
cg02706649	0.0974412	0.631038	-1.58469	0.0620401	1.70209	1.70209	0.402284	1.24233	1.24233	0.943891	0.98234	-1.01798	2.19566	2.22839	0.902139	1
cg07299736	0.785322	1.33364	1.33364	0.968952	1.0419	1.0419	0.409707	2.43282	2.43282	0.461779	0.453853	-2.20335	2.19565	38.6665	15.6537	1
cg14437634	0.0719249	0.609137	-1.64167	0.0527627	0.580849	-1.72162	0.283864	0.759782	-1.31617	0.233225	1.36127	1.36127	2.19563	2.11725	0.857157	1
cg09119854	0.230391	0.46497	-2.15067	0.0125951	0.151352	-6.60713	0.167693	0.408624	-2.44724	0.280153	0.504973	-1.9803	2.19563	12.8801	5.21443	1
cg25406657	0.52048	1.69601	1.69601	0.146176	0.282195	-3.54364	0.623227	1.4942	1.4942	0.975173	0.975078	-1.02556	2.19561	22.8719	9.25967	1
cg07323399	0.62012	1.13152	1.13152	0.0151912	2.09051	2.09051	0.407788	1.23291	1.23291	0.620196	0.883794	-1.13148	2.19561	2.12626	0.860813	1
cg25486432	0.0359069	0.636513	-1.57106	0.0256333	1.63345	1.63345	0.469014	1.14608	1.14608	0.963033	1.00862	1.00862	2.19559	1.19121	0.482263	1
cg26758863	0.414575	0.846205	-1.18175	0.0888917	0.686789	-1.45605	0.236806	0.780215	-1.2817	0.0246121	0.585106	-1.70909	2.19558	1.39416	0.564433	1
cg16263701	0.841882	0.976883	-1.02366	0.222722	1.16188	1.16188	0.683068	0.953069	-1.04924	0.00814375	1.48678	1.48678	2.19555	0.476787	0.193032	1
cg23688350	0.986555	0.995879	-1.00414	0.561483	1.15474	1.15474	0.244438	1.34772	1.34772	0.836404	0.950591	-1.05198	2.19553	2.08831	0.845479	1
cg04717240	0.152795	0.712981	-1.40256	0.140272	1.41982	1.41982	0.206501	1.34228	1.34228	0.938424	1.01722	1.01722	2.1955	1.69723	0.687157	1
cg01850135	0.393496	0.778185	-1.28504	0.143485	1.56994	1.56994	0.860627	1.05172	1.05172	0.02792	0.474576	-2.10715	2.19549	2.86255	1.15896	1
cg13216351	0.028714	0.559765	-1.78647	0.0406975	0.587792	-1.70128	0.209602	0.742761	-1.34633	0.57158	1.13719	1.13719	2.19549	1.75852	0.711972	1
cg15941164	0.674834	1.14863	1.14863	0.692382	1.13951	1.13951	0.437201	1.29731	1.29731	0.819667	0.927749	-1.07788	2.19548	3.75053	1.51849	1
cg12223004	0.506843	1.25583	1.25583	0.0277527	2.41077	2.41077	0.155661	1.67173	1.67173	0.481803	0.785186	-1.27358	2.19547	3.97836	1.61074	1
cg27223727	0.716159	0.892559	-1.12037	0.244575	1.46069	1.46069	0.846137	0.94132	-1.06234	0.572457	0.83733	-1.19427	2.19547	3.36899	1.36402	1
cg21218646	0.203777	0.635027	-1.57474	0.473997	1.27956	1.27956	0.69139	0.873646	-1.14463	0.328923	0.710973	-1.40652	2.19546	3.98512	1.61348	1
cg24274982	?	?	?	?	?	?	?	?	?	0.213838	2.58754	2.58754	4.03908	4.91528	1.8254	1
cg10184881	0.92911	1.0104	1.0104	0.456597	0.915583	-1.0922	0.181943	0.848058	-1.17916	0.0171062	1.40226	1.40226	2.19545	0.470488	0.19049	1
cg00746083	0.991717	1.00201	1.00201	0.299137	1.23163	1.23163	0.423608	1.17143	1.17143	0.0285176	1.6493	1.6493	2.19545	1.30327	0.527665	1
cg04656070	0.754324	1.1936	1.1936	0.0660064	0.31265	-3.19847	0.890648	0.925384	-1.08063	0.0921641	0.351687	-2.84343	2.19545	11.05	4.47389	1
cg05163588	0.888952	0.949026	-1.05371	0.0141512	0.321818	-3.10735	0.0992238	0.508243	-1.96756	0.349572	0.697258	-1.43419	2.19545	4.87632	1.97431	1
cg04044120	0.709443	0.870367	-1.14894	0.636329	0.838045	-1.19325	0.0101318	3.33083	3.33083	0.788374	0.905018	-1.10495	2.19542	4.78456	1.93719	1
cg26685187	0.326543	0.57568	-1.73708	0.0256232	0.235634	-4.24387	0.0238559	0.229943	-4.34891	0.0532326	0.302016	-3.31108	2.19536	10.3337	4.18408	1
cg11971027	0.0616228	0.475305	-2.10391	0.0257496	0.392313	-2.54899	0.50646	1.26891	1.26891	0.582644	0.821943	-1.21663	2.19536	4.34026	1.75735	1
cg20506460	0.209143	0.795326	-1.25735	0.678124	1.07487	1.07487	0.105667	1.35764	1.35764	0.0160008	1.66549	1.66549	2.19534	1.04041	0.42126	1
cg07283415	0.0325319	0.653486	-1.53026	0.0815722	1.38846	1.38846	0.37448	1.16764	1.16764	0.217302	0.801965	-1.24694	2.19533	1.00508	0.406956	1
cg01287820	0.309654	0.830322	-1.20435	0.027859	1.58356	1.58356	0.466841	1.13991	1.13991	0.987011	0.997125	-1.00288	2.19533	1.08758	0.440361	1
cg15721142	0.0610254	0.479962	-2.0835	0.612926	0.840049	-1.19041	0.386523	0.737834	-1.35532	0.315318	0.700406	-1.42774	2.31232	4.1741	1.40401	1
cg02258788	0.64767	0.844902	-1.18357	0.1173	1.86474	1.86474	0.47374	1.30588	1.30588	0.108986	0.527171	-1.89692	2.19528	4.66461	1.88874	1
cg00935351	0.267029	1.24147	1.24147	0.0334959	1.59144	1.59144	0.157748	0.753869	-1.32649	0.813201	1.04527	1.04527	2.19527	1.21645	0.492555	1
cg26602666	0.268364	0.606336	-1.64925	0.814614	1.10731	1.10731	0.726212	1.16482	1.16482	0.0762188	0.424797	-2.35406	2.19526	6.54824	2.65146	1
cg04466870	0.889999	1.02525	1.02525	0.0200517	0.603155	-1.65795	0.819875	1.04195	1.04195	0.0726336	1.43462	1.43462	2.19525	1.12893	0.457122	1
cg19841423	0.212078	1.65656	1.65656	0.603874	0.817919	-1.22261	0.214027	1.65263	1.65263	0.696601	1.16237	1.16237	2.19524	5.12654	2.07582	1
cg06993329	0.460338	0.92116	-1.08559	0.0972048	1.22002	1.22002	0.904341	0.986951	-1.01322	0.12467	0.833923	-1.19915	2.19524	0.414992	0.168037	1
cg26258845	0.461115	1.1486	1.1486	0.030996	1.59614	1.59614	0.0809835	0.699595	-1.4294	0.186433	1.29514	1.29514	2.19523	1.18531	0.479952	1
cg00456387	0.464157	0.921676	-1.08498	0.162879	0.849535	-1.17711	0.406937	1.09732	1.09732	0.10042	1.21776	1.21776	2.1952	0.416639	0.168707	1
cg06165395	0.618389	0.741778	-1.34811	0.0112695	0.151354	-6.60702	0.110278	0.355148	-2.81573	0.326968	0.547759	-1.82562	2.1952	12.3003	4.98069	1
cg03448840	0.113894	0.261423	-3.82522	0.0313179	0.139411	-7.17303	0.391682	0.504318	-1.98288	0.276055	0.413209	-2.42008	2.19519	21.1538	8.56575	1
cg01362455	0.639619	1.39503	1.39503	0.0708252	4.15779	4.15779	0.0443882	5.1039	5.1039	0.0421198	5.22264	5.22264	2.19518	17.3261	7.0158	1
cg12045875	0.609077	1.49312	1.49312	0.795226	0.816979	-1.22402	0.266632	2.45846	2.45846	0.222777	2.70666	2.70666	2.19518	21.001	8.50388	1
cg24900927	0.497612	0.800212	-1.24967	0.487793	1.25628	1.25628	0.547527	1.21775	1.21775	0.492041	0.797825	-1.25341	2.19518	3.64232	1.47488	1
cg11340603	0.261981	0.626271	-1.59675	0.737707	1.14393	1.14393	0.732917	0.871933	-1.14688	0.191834	1.7381	1.7381	2.19516	5.56509	2.25347	1
cg12258176	0.980079	1.00747	1.00747	0.85309	0.94622	-1.05684	0.353858	1.32905	1.32905	0.879178	0.955651	-1.04641	2.19515	3.09179	1.25197	1
cg06840042	0.283144	0.874627	-1.14334	0.0141177	0.694988	-1.43887	0.143221	1.20801	1.20801	0.934031	1.00999	1.00999	2.19514	0.501668	0.203143	1
cg20660171	0.995356	1.00259	1.00259	0.526106	0.751275	-1.33107	0.615668	0.79825	-1.25274	0.524374	0.750352	-1.33271	2.1951	6.89027	2.79017	1
cg22290140	0.431771	1.23582	1.23582	0.00756498	2.47619	2.47619	0.218693	1.40692	1.40692	0.866402	0.956539	-1.04544	2.19509	2.4211	0.98041	1
cg26352502	0.666657	1.09377	1.09377	0.0608929	1.54796	1.54796	0.660022	1.09587	1.09587	0.532518	1.13969	1.13969	2.19509	1.48708	0.602187	1
cg13412754	0.192706	0.221761	-4.50937	0.0134971	0.0354115	-28.2394	0.0462571	0.0825331	-12.1163	0.121272	0.159556	-6.26738	2.19508	41.4932	16.8025	1
cg03736944	0.221146	0.869005	-1.15074	0.214491	1.15334	1.15334	0.372706	0.904922	-1.10507	0.21161	0.866182	-1.15449	2.19508	0.414328	0.167781	1
cg16087412	0.0403085	5.04215	5.04215	0.0564585	4.37069	4.37069	0.347934	1.93479	1.93479	0.187525	2.5959	2.5959	2.19503	16.215	6.56636	1
cg25730732	0.0606649	0.379868	-2.63249	0.268432	1.69475	1.69475	0.634164	0.802997	-1.24533	0.16798	1.9591	1.9591	2.21365	6.52734	2.94867	1
cg00040027	0.507399	1.17193	1.17193	0.832659	0.951313	-1.05118	0.13704	1.4591	1.4591	0.84601	1.04693	1.04693	2.195	1.93448	0.783387	1
cg21062891	0.0170874	0.305634	-3.27189	0.0789126	0.45134	-2.21562	0.839863	0.920814	-1.086	0.12968	0.512978	-1.9494	2.195	5.77972	2.34056	1
cg02787120	0.906029	0.941072	-1.06262	0.0278295	0.262621	-3.80776	0.990989	1.00583	1.00583	0.891176	1.07294	1.07294	2.195	9.19528	3.72373	1
cg24504912	0.586329	0.925954	-1.07997	0.0286784	1.43528	1.43528	0.617085	1.07313	1.07313	0.135722	1.25247	1.25247	2.19498	0.681467	0.27597	1
cg08744727	0.502875	1.22976	1.22976	0.0119236	2.5972	2.5972	0.471746	1.24939	1.24939	0.964567	0.986579	-1.0136	2.19498	3.2163	1.30249	1
cg00161683	0.122449	0.388144	-2.57636	0.101234	0.362522	-2.75846	0.866332	0.909146	-1.09993	0.113102	0.377202	-2.6511	2.19498	11.1132	4.50046	1
cg00784718	0.0347366	0.653618	-1.52995	0.0133128	0.588716	-1.69861	0.733988	0.942775	-1.0607	0.501721	1.12501	1.12501	2.19496	1.03755	0.420174	1
cg01914785	0.209654	0.642973	-1.55528	0.222577	0.651718	-1.53441	0.0488872	2.11964	2.11964	0.142374	1.69345	1.69345	2.19493	3.87867	1.57076	1
cg26872588	0.300169	0.509292	-1.96351	0.321573	0.525418	-1.90325	0.304981	0.512951	-1.9495	0.770141	1.20217	1.20217	2.19492	13.7293	5.56004	1
cg03331229	0.549463	1.26351	1.26351	0.251674	1.58802	1.58802	0.328756	1.47592	1.47592	0.249988	0.628587	-1.59087	2.19492	5.18471	2.09968	1
cg02555274	0.476648	0.895223	-1.11704	0.00626063	1.72434	1.72434	0.243353	0.829685	-1.20528	0.435533	0.885435	-1.12939	2.19489	0.813173	0.329319	1
cg17755460	0.170675	1.8232	1.8232	0.0879183	2.17126	2.17126	0.199773	1.74654	1.74654	0.163096	1.84568	1.84568	2.19489	5.89091	2.38571	1
cg17362109	0.81257	0.947967	-1.05489	0.170468	0.720085	-1.38872	0.0838125	1.53792	1.53792	0.571262	0.879224	-1.13737	2.19487	1.7592	0.712448	1
cg10122252	0.518645	1.13382	1.13382	0.0452583	1.55406	1.55406	0.592607	0.901526	-1.10923	0.38915	0.844178	-1.18458	2.19487	1.28066	0.518647	1
cg15603964	0.0747702	0.639794	-1.563	0.534451	0.867993	-1.15208	0.825489	1.05095	1.05095	0.0105396	0.484763	-2.06286	2.19484	1.76013	0.712834	1
cg24360513	0.0505129	0.307676	-3.25018	0.788333	1.15294	1.15294	0.280548	1.8098	1.8098	0.166024	0.457864	-2.18406	2.19483	9.72288	3.93769	1
cg11301670	0.10248	0.525325	-1.90359	0.105007	0.528247	-1.89305	0.671964	1.16584	1.16584	0.379847	0.722858	-1.3834	2.1948	4.51151	1.82715	1
cg11084035	0.207715	0.73402	-1.36236	0.177692	0.71647	-1.39573	0.942149	1.01704	1.01704	0.921067	1.02334	1.02334	2.19479	1.88332	0.762745	1
cg21255438	0.558919	0.713827	-1.4009	0.653193	1.29432	1.29432	0.0108434	6.20211	6.20211	0.767853	1.18393	1.18393	2.19471	11.3085	4.58011	1
cg16525300	0.384659	0.874489	-1.14353	0.0707786	0.738018	-1.35498	0.77499	1.04407	1.04407	0.804642	1.03799	1.03799	2.19467	0.786939	0.318727	1
cg14358474	0.482868	1.09774	1.09774	0.0122443	1.50389	1.50389	0.117183	1.24923	1.24923	0.402127	1.11865	1.11865	2.19466	0.594297	0.240704	1
cg07563882	0.831748	1.09435	1.09435	0.467686	1.36774	1.36774	0.811894	0.903903	-1.10631	0.742322	0.869518	-1.15006	2.19464	6.2422	2.52826	1
cg19710662	0.359163	0.584604	-1.71056	0.0182624	0.195698	-5.10993	0.0536188	0.287115	-3.48293	0.150313	0.415653	-2.40585	2.19464	11.268	4.56385	1
cg21831836	0.0399538	1.39889	1.39889	0.829745	1.03091	1.03091	0.116522	0.785758	-1.27266	0.262143	0.847638	-1.17975	2.19463	0.694703	0.281375	1
cg00245746	0.514973	0.738849	-1.35346	0.0183143	0.269158	-3.7153	0.669566	0.821368	-1.21748	0.0740907	0.401547	-2.49037	2.1946	7.30381	2.95829	1
cg13113115	0.538671	1.40499	1.40499	0.0216916	0.221909	-4.50636	0.517374	1.43123	1.43123	0.0853787	2.82583	2.82583	2.1946	10.3707	4.2005	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20511548	OSBPL5;OSBPL5;OSBPL5	0.141047	0.438695	0.785834	-1.27253	0.055578	1.93855	1.93855	0.0191928	2.37394	2.37394	0.505256	0.813607	-1.22909	0.451779	0.791426	-1.26354	0.986574	0.994879	-1.00515	0.985404	0.994434	-1.0056	0.900305	0.96248	-1.03898	0.152835	0.62677	-1.59548	2.19454	3.23596	1.31071	1
cg19653161	RGS10	0.141047	0.587091	1.11994	1.11994	0.948241	1.0135	1.0135	0.389871	1.19964	1.19964	0.274	0.790452	-1.2651	0.657611	1.09653	1.09653	0.360811	0.823601	-1.21418	0.100598	1.44999	1.44999	0.0818961	1.48923	1.48923	0.0161597	1.83658	1.83658	2.19454	1.48329	0.600801	1
cg25488206	RBM9;RBM9;RBM9;RBM9;RBM9;RBM9;RBM9;RBM9;RBM9;RBM9	0.141048	0.0328156	0.167869	-5.95702	0.184834	0.365981	-2.73238	0.38529	0.529311	-1.88925	0.225397	0.402525	-2.48432	0.116613	0.295649	-3.38239	0.702313	0.759976	-1.31583	0.0271458	0.154242	-6.4833	0.0308425	0.163293	-6.12396	0.250147	0.423613	-2.36064	2.19454	17.7552	7.19167	1
cg10669386	LMOD2	0.14105	0.340815	0.637917	-1.5676	0.105764	0.445218	-2.24609	0.007554	0.207222	-4.82573	0.163433	0.506027	-1.97618	0.141295	0.484582	-2.06363	0.257422	0.582013	-1.71818	0.178135	0.519314	-1.92562	0.624543	1.25345	1.25345	0.572133	0.76995	-1.29879	2.19452	7.28951	2.95261	1
cg08080145	RAB37	0.141051	0.0907461	0.11114	-8.99764	0.0698955	0.0916759	-10.908	0.578575	0.516066	-1.93774	0.295682	0.278466	-3.59111	0.0504517	0.0721903	-13.8523	0.160441	0.170712	-5.85781	0.0232328	0.0408277	-24.4932	0.0761962	0.0976849	-10.237	0.133074	0.148003	-6.75661	2.19452	48.3087	19.5674	1
cg21195383	ENTPD8;ENTPD8	0.141052	0.101257	0.380137	-2.63063	0.0956891	0.372898	-2.6817	0.11335	0.395064	-2.53124	0.120384	0.40331	-2.47948	0.160759	0.445964	-2.24233	0.514625	0.700345	-1.42787	0.0336238	0.262464	-3.81005	0.0206926	0.222774	-4.48885	0.335912	0.585768	-1.70716	2.19451	10.0977	4.09007	1
cg08945443	ZMYND17	0.141053	0.392626	1.4493	1.4493	0.917816	0.957208	-1.0447	0.685804	0.841697	-1.18808	0.43152	1.40519	1.40519	0.919298	1.04388	1.04388	0.230014	1.70512	1.70512	0.0230662	3.1628	3.1628	0.0142975	3.59683	3.59683	0.15351	1.91085	1.91085	2.1945	6.2403	2.52765	1
cg09504092	INTS7	0.141054	0.855109	1.15221	1.15221	0.277962	2.3976	2.3976	0.611294	1.48776	1.48776	0.210972	2.77756	2.77756	0.51314	0.598062	-1.67207	0.907909	0.914211	-1.09384	0.0685226	4.8577	4.8577	0.00698403	14.9456	14.9456	0.332871	2.16899	2.16899	2.19449	20.881	8.45793	1
cg01837364	HIST1H4G;HIST1H4G	0.141059	0.333767	1.19596	1.19596	0.100428	1.38132	1.38132	0.484724	0.880334	-1.13593	0.690641	0.93071	-1.07445	0.99135	0.998056	-1.00195	0.253264	1.23884	1.23884	0.293222	1.21619	1.21619	0.018509	0.59886	-1.66984	0.325604	0.833439	-1.19985	2.19445	1.11984	0.453606	1
cg08692198	ZBED4	0.141061	0.761843	1.07496	1.07496	0.667674	0.902379	-1.10818	0.426837	1.21283	1.21283	0.783511	0.936601	-1.06769	0.289283	1.299	1.299	0.924166	0.977612	-1.0229	0.00875535	2.21257	2.21257	0.0973936	0.648823	-1.54125	0.576595	0.874455	-1.14357	2.19444	1.9657	0.796232	1
cg20649663	HECW2	0.141064	0.0533492	0.23603	-4.23675	0.115376	0.324322	-3.08336	0.309002	0.500276	-1.9989	0.452708	0.604575	-1.65406	0.0246062	0.171892	-5.81762	0.206958	0.416652	-2.40009	0.0578559	0.243983	-4.09864	0.0524038	0.234312	-4.26781	0.143631	0.355701	-2.81135	2.19442	15.0395	6.09202	1
cg07146119	SDC2	0.141072	0.670257	1.15368	1.15368	0.381586	1.34921	1.34921	0.689533	1.14342	1.14342	0.108716	0.557709	-1.79305	0.043335	0.460412	-2.17197	0.166669	0.611312	-1.63583	0.021818	0.399048	-2.50597	0.587328	0.832857	-1.20069	0.579618	0.829648	-1.20533	2.19436	3.87154	1.56828	1
cg21326011	KIAA0895;KIAA0895	0.141074	0.790983	1.05713	1.05713	0.330534	0.810574	-1.23369	0.979844	0.99473	-1.0053	0.517575	1.14708	1.14708	0.0331578	1.68354	1.68354	0.064836	1.54299	1.54299	0.0231296	1.76479	1.76479	0.780569	0.94326	-1.06015	0.814867	1.05028	1.05028	2.19434	1.52046	0.615912	1
cg04071516	KLF16	0.141076	0.200435	0.424322	-2.3567	0.389	0.571434	-1.74998	0.177749	0.403387	-2.47901	0.852228	0.888515	-1.12547	0.0589039	0.258658	-3.86611	0.948285	0.959717	-1.04197	0.555219	1.45974	1.45974	0.0229609	5.60899	5.60899	0.596482	0.712687	-1.40314	2.19433	13.9643	5.6567	1
cg20435284	SBNO2	0.141078	0.375161	0.763998	-1.3089	0.161851	1.55545	1.55545	0.039161	2.02564	2.02564	0.0549377	0.52534	-1.90353	0.156483	1.5656	1.5656	0.786063	0.922691	-1.08379	0.401349	1.28921	1.28921	0.347637	1.33108	1.33108	0.673121	1.1337	1.1337	2.19432	3.03966	1.23133	1
cg20554397	PDCD6;AHRR	0.141078	0.220576	0.748901	-1.33529	0.0613887	0.623017	-1.60509	0.0287485	0.560395	-1.78446	0.761579	1.07071	1.07071	0.437765	0.837185	-1.19448	0.515122	1.15972	1.15972	0.0869637	1.52864	1.52864	0.509675	0.860568	-1.16202	0.828472	0.952452	-1.04992	2.19431	1.75178	0.709624	1
cg02543960	PHLPP1	0.141078	0.525532	0.883885	-1.13137	0.0170591	1.74715	1.74715	0.118184	1.38471	1.38471	0.771615	1.05743	1.05743	0.811401	0.95517	-1.04693	0.189924	0.766151	-1.30522	0.585541	0.899739	-1.11143	0.329996	0.824586	-1.21273	0.193039	1.30252	1.30252	2.19431	1.27937	0.518257	1
cg04589050	MPRIP;MPRIP	0.14108	0.816604	0.918549	-1.08867	0.046808	2.2988	2.2988	0.0194032	2.81148	2.81148	0.69131	1.15716	1.15716	0.12248	0.542218	-1.84428	0.618233	1.20171	1.20171	0.209925	1.62131	1.62131	0.356188	1.41492	1.41492	0.713702	1.14427	1.14427	2.1943	4.64822	1.88294	1
cg15190834	BMPER	0.141082	0.51975	1.44141	1.44141	0.592981	0.739115	-1.35297	0.832602	0.88817	-1.12591	0.21578	2.07493	2.07493	0.177758	2.23097	2.23097	0.0947405	2.79804	2.79804	0.0262998	4.37728	4.37728	0.0341389	3.99545	3.99545	0.123059	2.54988	2.54988	2.19429	10.9098	4.41946	1
cg07416383	CNPY1	0.141083	0.645295	1.33524	1.33524	0.264562	0.479768	-2.08434	0.484306	1.56017	1.56017	0.30999	1.93826	1.93826	?	?	?	0.346185	1.8405	1.8405	0.499631	0.65137	-1.53523	0.00937539	9.44524	9.44524	0.505895	1.52529	1.52529	2.49166	12.9332	3.89295	1
cg06716508	GATS;GATS;PVRIG;GATS;GATS	0.141086	0.0316043	0.300892	-3.32346	0.318073	0.611539	-1.63522	0.67305	1.22415	1.22415	0.530079	1.35406	1.35406	0.0159309	0.24497	-4.08213	0.778204	0.874098	-1.14404	0.163013	0.491847	-2.03315	0.906241	0.945399	-1.05775	0.194846	0.520239	-1.92219	2.19426	7.89174	3.19693	1
cg23931672	ZNF512B	0.14109	0.488726	0.941624	-1.062	0.0360316	0.81176	-1.23189	0.0858861	0.850169	-1.17624	0.704727	1.03309	1.03309	0.0550464	0.830244	-1.20447	0.709338	0.968486	-1.03254	0.386737	0.92693	-1.07883	0.520931	1.05722	1.05722	0.151335	1.14052	1.14052	2.19423	0.254162	0.102961	1
cg18334848	SLC20A2	0.141091	0.150836	0.735202	-1.36017	0.964724	0.991203	-1.00888	0.205372	0.765718	-1.30596	0.738667	0.935293	-1.06918	0.0946501	0.692795	-1.44343	0.533994	1.13411	1.13411	0.30718	0.809609	-1.23516	0.338521	0.821098	-1.21788	0.00709087	0.499036	-2.00386	2.19422	1.38721	0.561964	1
cg01923337	AMDHD2;AMDHD2	0.141093	0.666043	0.870384	-1.14892	0.686119	1.1387	1.1387	0.377822	1.3355	1.3355	0.0375385	2.16301	2.16301	0.061097	0.509278	-1.96356	0.831847	1.07034	1.07034	0.0635919	0.513347	-1.948	0.480418	0.795071	-1.25775	0.446387	0.78025	-1.28164	2.19421	3.55208	1.43897	1
cg01971940	CACNA1H;CACNA1H	0.141102	0.551919	0.860694	-1.16185	0.589831	0.873141	-1.14529	0.0905199	0.628202	-1.59184	0.873056	0.960926	-1.04066	0.00540605	0.401449	-2.49098	0.771052	1.07544	1.07544	0.581731	1.14876	1.14876	0.795665	1.06683	1.06683	0.277586	0.754684	-1.32506	2.19414	2.15914	0.874712	1
cg22220710	LAMA1	0.141103	0.36753	0.827923	-1.20784	0.0155301	0.545807	-1.83215	0.176249	0.745785	-1.34087	0.139393	0.722886	-1.38334	0.745002	0.935591	-1.06884	0.76233	0.939998	-1.06383	0.0747884	1.4991	1.4991	0.985263	1.00378	1.00378	0.993091	1.00177	1.00177	2.19413	1.44623	0.585899	1
cg20869305	C1orf107	0.141104	0.814822	0.95827	-1.04355	0.0125663	1.75757	1.75757	0.1271	1.34956	1.34956	0.181551	1.29391	1.29391	0.196446	1.28165	1.28165	0.779762	1.05225	1.05225	0.189207	0.776705	-1.28749	0.961274	0.991217	-1.00886	0.659155	0.92252	-1.08399	2.19413	1.14708	0.464705	1
cg03069638	MGAT4A	0.141105	0.104069	1.66652	1.66652	0.328574	1.33616	1.33616	0.354926	1.31455	1.31455	0.684894	0.889365	-1.1244	0.378574	0.77134	-1.29645	0.160398	0.649873	-1.53876	0.0217202	0.453008	-2.20746	0.41871	1.26804	1.26804	0.717613	1.11002	1.11002	2.19412	2.87013	1.16275	1
cg11811409	C1orf70	0.141106	0.025668	0.419445	-2.3841	0.200215	0.641738	-1.55827	0.583607	0.834052	-1.19897	0.22407	0.657908	-1.51997	0.0441546	0.468606	-2.13399	0.0477185	0.476068	-2.10054	0.141262	0.595336	-1.67972	0.567641	1.20849	1.20849	0.252808	0.676006	-1.47928	2.19412	3.73432	1.51286	1
cg13931640	RXRA	0.141108	0.23049	2.11815	2.11815	0.516288	0.67526	-1.48091	0.065502	0.291308	-3.4328	0.154193	2.48447	2.48447	0.189282	0.436196	-2.29255	0.202757	2.23061	2.23061	0.413433	0.607223	-1.64684	0.32317	0.543983	-1.83829	0.134722	2.61728	2.61728	2.1941	12.3698	5.01133	1
cg00465373	FAM54A;FAM54A;FAM54A;FAM54A	0.141109	0.0724651	0.663793	-1.50649	0.764688	1.0633	1.0633	0.0141517	1.85704	1.85704	0.793294	1.05516	1.05516	0.653107	1.09691	1.09691	0.256027	0.784731	-1.27432	0.318478	0.809932	-1.23467	0.659837	0.913421	-1.09478	0.493283	1.15287	1.15287	2.19409	1.45259	0.588485	1
cg04609640	BEST4	0.141109	0.0840575	0.234308	-4.26788	0.23777	0.391086	-2.55698	0.272078	0.419844	-2.38184	0.0653253	0.207921	-4.80953	0.0455037	0.17532	-5.70386	0.0484027	0.180499	-5.54021	0.0609387	0.201206	-4.97003	0.116173	0.273591	-3.65509	0.0889475	0.240702	-4.15451	2.19409	20.0259	8.11309	1
cg14072989	RPS6KB1	0.14111	0.130408	0.566761	-1.76441	0.324033	0.701845	-1.42482	0.432577	1.32101	1.32101	0.810336	0.919822	-1.08717	0.0479725	0.45573	-2.19428	0.0743541	0.501015	-1.99595	0.342127	0.711604	-1.40528	0.100434	1.86928	1.86928	0.23062	0.645879	-1.54828	2.19409	4.19875	1.70104	1
cg05058973	GHRHR;GHRHR	0.141112	0.335642	0.64149	-1.55887	0.130834	0.482144	-2.07407	?	?	?	0.0100174	0.233695	-4.27908	0.631512	0.805675	-1.2412	0.113405	0.462864	-2.16046	0.241253	0.577792	-1.73073	0.0748106	0.411744	-2.42869	0.3373	0.642527	-1.55636	2.21268	6.2286	2.81496	1
cg01796075	PEAR1	0.141114	0.0538874	0.518752	-1.9277	0.375059	0.761073	-1.31393	0.103635	0.586407	-1.7053	0.363905	1.32288	1.32288	0.136093	0.617761	-1.61875	0.0542042	0.519318	-1.9256	0.0735838	0.549801	-1.81884	0.206475	0.670591	-1.49122	0.659414	1.14226	1.14226	2.19406	3.12511	1.26609	1
cg02953029	SMARCAD1;SMARCAD1;SMARCAD1	0.141118	0.407686	1.22548	1.22548	0.856063	0.957345	-1.04456	0.0735441	1.61441	1.61441	0.0525013	1.69777	1.69777	0.125749	1.4885	1.4885	0.0189831	1.97765	1.97765	0.740982	0.92345	-1.0829	0.801468	0.941305	-1.06236	0.202253	1.38158	1.38158	2.19403	2.00282	0.811424	1
cg10998878	SOCS2	0.141119	?	?	?	0.784545	0.880602	-1.13559	0.370552	1.53206	1.53206	0.0374734	0.326248	-3.06516	0.961344	1.02274	1.02274	0.322176	0.622202	-1.60719	?	?	?	0.223115	0.552157	-1.81108	0.0302238	0.306591	-3.26168	2.23545	5.92758	3.03043	1
cg05226322	CCDC79	0.141119	0.198285	0.730542	-1.36885	0.0134579	0.493328	-2.02705	0.878913	1.03583	1.03583	0.247746	0.756498	-1.32188	0.985082	0.995692	-1.00433	0.644493	0.898258	-1.11327	0.284491	1.29271	1.29271	0.109964	0.668759	-1.49531	0.292658	1.28673	1.28673	2.19402	1.85302	0.750736	1
cg06833203	SYDE1	0.14112	0.601323	1.10848	1.10848	0.96201	0.990738	-1.00935	0.467767	1.15527	1.15527	0.0393046	1.59335	1.59335	0.952792	1.01163	1.01163	0.287353	0.805884	-1.24087	0.0157515	0.560985	-1.78258	0.888761	0.97303	-1.02772	0.669475	1.08751	1.08751	2.19401	1.32616	0.537284	1
cg12654790	LAPTM5	0.141123	0.524049	0.902354	-1.10821	0.0765816	0.730912	-1.36815	0.919633	1.01619	1.01619	0.84111	0.968563	-1.03246	0.924617	1.01517	1.01517	0.151996	1.27662	1.27662	0.0349632	1.47853	1.47853	0.0798266	1.36252	1.36252	0.471463	0.889971	-1.12363	2.19399	0.879944	0.356507	1
cg25034274	MESDC2	0.141125	0.729849	1.05274	1.05274	0.0255875	1.48177	1.48177	0.0204743	1.5129	1.5129	0.635833	0.93172	-1.07328	0.603455	1.08079	1.08079	0.996781	1.0006	1.0006	0.232723	1.20386	1.20386	0.215578	1.21318	1.21318	0.0737843	1.34378	1.34378	2.19398	0.763809	0.309457	1
cg13298466	IFFO1;IFFO1;IFFO1;IFFO1	0.141127	0.996531	0.997942	-1.00206	0.0158859	4.05438	4.05438	0.0648569	2.67154	2.67154	0.979677	1.01215	1.01215	0.530429	0.739936	-1.35147	0.562375	1.31995	1.31995	0.155039	0.486158	-2.05694	0.208727	1.87396	1.87396	0.851287	0.914893	-1.09302	2.19396	7.80479	3.16213	1
cg10368775	C17orf44	0.141132	0.61578	0.61369	-1.62949	?	?	?	0.0257573	0.0776601	-12.8766	0.595196	1.67778	1.67778	0.549788	0.557696	-1.79309	0.252767	3.16675	3.16675	0.0368761	0.0963955	-10.3739	0.743133	1.37345	1.37345	0.552631	1.78548	1.78548	2.21253	29.0043	13.1091	1
cg10207999	GTPBP2	0.141133	0.313179	0.660296	-1.51447	0.297613	0.650756	-1.53667	0.0625946	0.434413	-2.30196	0.519282	1.29685	1.29685	0.015393	0.306303	-3.26474	0.0441093	0.398413	-2.50996	0.192325	0.577488	-1.73164	0.485074	0.754063	-1.32615	0.378402	0.697968	-1.43273	2.19391	5.50081	2.22872	1
cg19296405	KIAA1683;KIAA1683;KIAA1683	0.141136	0.0432408	0.20416	-4.89811	0.124792	0.321278	-3.11257	0.348247	0.516912	-1.93456	0.330289	0.503363	-1.98664	0.0384722	0.194279	-5.14725	0.280616	0.464721	-2.15183	0.0235444	0.157548	-6.34726	0.151137	0.349535	-2.86094	0.0973502	0.288482	-3.46641	2.1939	16.2233	6.57308	1
cg01496314	FOXN3	0.141137	0.979212	1.01163	1.01163	0.0358	2.95609	2.95609	0.313793	1.58767	1.58767	0.95544	1.0251	1.0251	0.0640547	0.397141	-2.518	0.0475887	0.365904	-2.73296	0.977507	1.01259	1.01259	0.608375	0.79507	-1.25775	0.959115	0.977509	-1.02301	2.19389	6.84143	2.77191	1
cg07220085	KIAA1370	0.141142	0.775852	0.967324	-1.03378	0.0644126	1.27353	1.27353	0.315584	1.12835	1.12835	0.868503	1.01947	1.01947	0.493449	1.0843	1.0843	0.904676	0.986154	-1.01404	0.220706	0.860851	-1.16164	0.196874	0.853182	-1.17208	0.0196127	1.3884	1.3884	2.19385	0.470582	0.190667	1
cg05038582	C10orf90	0.141143	0.955201	1.01305	1.01305	0.182933	0.721741	-1.38554	0.630059	0.894062	-1.11849	0.911952	1.02585	1.02585	0.273469	1.30078	1.30078	0.0240347	1.86091	1.86091	0.127488	1.46268	1.46268	0.0489184	1.68011	1.68011	0.399934	1.21997	1.21997	2.19385	1.84994	0.749547	1
cg22036233	ZFYVE26	0.141145	0.397995	0.818113	-1.22233	0.878719	1.03606	1.03606	0.778673	1.06755	1.06755	0.00840189	0.457968	-2.18356	0.0308556	0.555365	-1.80062	0.269446	0.765834	-1.30577	0.79204	0.940541	-1.06322	0.913138	1.02564	1.02564	0.912344	0.974778	-1.02587	2.19383	1.86984	0.757617	1
cg14204433	PER3;PER3	0.141147	0.0716511	4.08999	4.08999	0.0907123	3.68832	3.68832	0.137153	3.06872	3.06872	0.154466	2.90777	2.90777	0.598342	0.689165	-1.45103	0.571927	0.670328	-1.49181	0.587718	0.681583	-1.46717	0.0956975	3.60241	3.60241	0.0509623	4.74426	4.74426	2.19381	17.0399	6.90421	1
cg12707907	SLITRK6	0.141156	0.997686	1.0008	1.0008	0.0444467	1.88938	1.88938	0.161133	0.661961	-1.51066	0.614069	1.15046	1.15046	0.0326085	1.9924	1.9924	0.949549	0.982709	-1.0176	0.108414	1.6205	1.6205	0.779356	0.925501	-1.0805	0.456705	0.811443	-1.23237	2.19375	2.63997	1.06969	1
cg16908898	EML6	0.141157	0.443821	1.15092	1.15092	0.334728	1.19616	1.19616	0.227038	0.79585	-1.25652	0.729026	1.06462	1.06462	0.00789291	0.541424	-1.84698	0.799152	0.955132	-1.04698	0.311224	1.2076	1.2076	0.435907	1.15386	1.15386	0.9566	1.00985	1.00985	2.19374	1.12628	0.45636	1
cg04375472	ZNF84;ZNF84	0.14116	0.322692	1.64922	1.64922	0.535866	1.35939	1.35939	0.542549	0.739415	-1.35242	0.462614	1.44225	1.44225	0.521429	0.727403	-1.37475	0.827496	0.89863	-1.1128	0.00457521	0.157388	-6.35372	0.881777	0.92971	-1.0756	0.875896	1.07955	1.07955	2.19372	8.33368	3.37679	1
cg02518889	USP18;USP18	0.141161	0.359463	0.819009	-1.22099	0.959405	0.989272	-1.01084	0.684349	1.09047	1.09047	0.651148	0.908049	-1.10126	0.961618	0.989854	-1.01025	0.584861	0.889674	-1.12401	0.0238946	0.56488	-1.77029	0.0116556	0.512712	-1.95041	0.494204	1.15848	1.15848	2.19371	1.56012	0.632159	1
cg25812043	PNPLA7;PNPLA7	0.141163	0.0706837	0.238411	-4.19444	0.034154	0.172959	-5.78172	0.248806	0.424984	-2.35303	0.130717	0.313965	-3.18507	0.0507253	0.205931	-4.856	0.108686	0.288806	-3.46254	0.0572039	0.217138	-4.60536	0.103686	0.282758	-3.5366	0.189993	0.373315	-2.67871	2.1937	17.5067	7.09374	1
cg01560493	MAN2A1	0.141166	0.13735	0.818112	-1.22233	0.0254493	0.716642	-1.3954	0.0423913	0.745823	-1.3408	0.578397	0.931994	-1.07297	0.113007	0.805409	-1.24161	0.61713	0.938724	-1.06528	0.75419	1.04019	1.04019	0.111804	0.804722	-1.24266	0.456273	1.09987	1.09987	2.19367	0.546842	0.221584	1
cg09093210	NXPH4	0.141177	0.0510111	6.67229	6.67229	0.0983974	4.70097	4.70097	0.182304	3.34921	3.34921	0.107043	4.4921	4.4921	0.192249	3.24987	3.24987	0.447594	1.93662	1.93662	0.0198194	11.0471	11.0471	0.763988	1.29322	1.29322	0.0532422	6.52254	6.52254	2.1936	25.3332	10.2655	1
cg06142509	TAS2R30;PRR4;PRH1	0.141178	0.885482	1.05749	1.05749	0.900161	1.04989	1.04989	0.720041	1.14982	1.14982	0.942656	1.0283	1.0283	0.0236259	0.350557	-2.8526	0.0497134	0.419643	-2.38298	0.0698904	0.455573	-2.19504	0.644069	1.19777	1.19777	0.109475	0.508188	-1.96778	2.19359	5.22727	2.1182	1
cg26588045	MIA;RAB4B	0.141178	0.0201951	0.193573	-5.166	0.849879	0.894871	-1.11748	0.251907	0.495773	-2.01705	0.923892	1.05761	1.05761	0.0617532	0.291323	-3.43262	0.569377	0.713844	-1.40087	0.16187	0.416615	-2.4003	0.0288238	0.220665	-4.53176	0.168591	0.423172	-2.36311	2.19359	11.9386	4.83777	1
cg16489586	ATL1;ATL1;ATL1	0.141179	0.218679	1.62346	1.62346	0.188625	0.593512	-1.68488	0.103117	0.512839	-1.94993	0.0747506	2.10314	2.10314	0.122871	0.534677	-1.87029	0.827717	0.92161	-1.08506	0.117072	1.89201	1.89201	0.834883	1.08131	1.08131	0.662525	1.17878	1.17878	2.19358	4.87361	1.9749	1
cg09080522	PARVG;PARVG	0.141185	0.899274	1.07423	1.07423	0.00460185	8.43679	8.43679	0.465762	1.52156	1.52156	0.500293	0.679176	-1.47237	0.54161	1.41821	1.41821	0.445626	1.55215	1.55215	0.813015	0.874599	-1.14338	0.335059	1.75441	1.75441	0.360061	0.587378	-1.70248	2.19354	11.1083	4.50141	1
cg23008175	STK10	0.141187	0.677499	0.933144	-1.07165	0.818309	1.0388	1.0388	0.563674	0.907938	-1.1014	0.185638	0.792782	-1.26138	0.0301012	0.655726	-1.52503	0.726892	0.943637	-1.05973	0.0572209	1.42751	1.42751	0.0690009	0.71415	-1.40027	0.864043	1.02876	1.02876	2.19352	0.950982	0.38537	1
cg03724059	C6orf134	0.141192	0.974948	0.99077	-1.00932	0.88691	1.04291	1.04291	0.676728	0.883545	-1.1318	0.951689	1.01805	1.01805	0.00804613	0.366957	-2.72512	0.028888	0.467305	-2.13993	0.419607	0.783874	-1.27571	0.995334	0.998275	-1.00173	0.253965	0.703444	-1.42158	2.19349	3.02914	1.22753	1
cg07316217	GABRB3;GABRB3	0.141195	0.433815	1.3015	1.3015	0.0123931	2.79293	2.79293	0.0153187	2.67028	2.67028	0.366077	1.35852	1.35852	0.292962	1.43329	1.43329	0.55632	1.21693	1.21693	0.152959	1.65699	1.65699	0.274704	1.45497	1.45497	0.774139	1.09959	1.09959	2.19346	3.78198	1.53262	1
cg13435855	TNNI1	0.141197	0.0719083	0.391186	-2.55633	0.100874	0.431962	-2.31502	0.0202756	0.27051	-3.69672	0.585613	0.773222	-1.29329	0.0413802	0.333195	-3.00125	0.139706	0.475959	-2.10102	0.131302	0.467168	-2.14056	0.134652	0.470713	-2.12444	0.284209	0.594688	-1.68155	2.19345	7.58148	3.07238	1
cg18640564	ANKRD6	0.141198	0.547796	0.914281	-1.09376	0.32441	1.16177	1.16177	0.279972	0.847487	-1.17996	0.580642	0.921073	-1.08569	0.0124745	0.632529	-1.58095	0.595565	1.08213	1.08213	0.217287	1.21077	1.21077	0.221771	1.2083	1.2083	0.423715	0.886578	-1.12793	2.19344	0.754159	0.305621	1
cg04039784	TMCO7	0.1412	0.615002	1.11601	1.11601	0.0133629	0.51519	-1.94103	0.911192	0.976141	-1.02444	0.512746	1.15451	1.15451	0.754458	0.934348	-1.07026	0.0649081	0.638494	-1.56619	0.744097	0.931561	-1.07347	0.298581	1.26263	1.26263	0.146522	0.713696	-1.40116	2.19343	1.62727	0.659455	1
cg09635954	PRR15	0.1412	0.796593	1.21134	1.21134	0.00470783	16.2455	16.2455	0.870795	0.886189	-1.12843	0.604551	0.67856	-1.47371	0.743735	0.783885	-1.2757	0.841807	0.862149	-1.15989	0.16822	2.97425	2.97425	0.753858	1.26299	1.26299	0.208859	2.67333	2.67333	2.19342	19.1398	7.75645	1
cg01852049	CRTC3;CRTC3	0.141202	0.367947	0.806847	-1.23939	0.775423	1.06863	1.06863	0.0552732	0.603957	-1.65575	0.388268	1.22779	1.22779	0.0125757	0.486641	-2.0549	0.407558	0.821513	-1.21727	0.820351	0.948581	-1.05421	0.563189	1.14527	1.14527	0.160699	0.706282	-1.41587	2.19341	1.87099	0.758225	1
cg24368491	PAR5;SNORD108	0.141204	0.378029	0.711555	-1.40537	0.384071	1.39905	1.39905	0.820476	1.08928	1.08928	0.74837	0.88595	-1.12873	0.173936	0.580285	-1.72329	0.0765944	0.476598	-2.0982	0.706837	0.867484	-1.15276	0.0204797	2.8594	2.8594	0.27539	0.652507	-1.53255	2.1934	4.91753	1.99286	1
cg27456468	FLJ32063	0.141206	0.049445	13.9627	13.9627	0.235488	4.31467	4.31467	0.319102	3.35607	3.35607	0.610883	0.546947	-1.82833	0.0305051	19.8778	19.8778	0.835209	0.782744	-1.27756	0.108619	7.8296	7.8296	0.0427872	15.5178	15.5178	0.851952	1.24569	1.24569	2.19339	48.0351	19.4666	1
cg11270192	IPO8	0.141209	0.77941	1.05269	1.05269	0.0287237	1.60289	1.60289	0.136271	1.34119	1.34119	0.0576454	0.675316	-1.48079	0.415772	1.16429	1.16429	0.92414	1.01757	1.01757	0.654313	1.08592	1.08592	0.376098	1.18071	1.18071	0.0960917	1.39682	1.39682	2.19336	1.16174	0.470812	1
cg15761283	APPBP2	0.141211	0.281801	0.551667	-1.81269	0.272145	0.544515	-1.8365	0.455782	0.667679	-1.49773	0.699778	0.813786	-1.22882	0.297496	1.77598	1.77598	0.505484	0.698159	-1.43234	0.040993	0.285313	-3.50492	0.223238	0.50634	-1.97496	0.0117466	0.187534	-5.33238	2.19334	9.82367	3.9812	1
cg23509564	ARF6	0.141212	0.843245	1.06544	1.06544	0.194613	1.5516	1.5516	0.122158	1.70979	1.70979	0.0136826	0.376739	-2.65436	0.358002	1.35341	1.35341	0.767672	0.909513	-1.09949	0.456284	0.78434	-1.27496	0.649197	0.863624	-1.15791	0.331923	0.725804	-1.37778	2.19334	3.56063	1.44301	1
cg27172568	KIF26A	0.141213	0.558531	0.888471	-1.12553	0.193099	0.759351	-1.31691	0.163281	0.742736	-1.34637	0.961638	1.00966	1.00966	0.162256	1.34748	1.34748	0.1267	1.39124	1.39124	0.999759	1.00006	1.00006	0.0231465	1.72068	1.72068	0.514906	1.1411	1.1411	2.19333	1.38781	0.562436	1
cg05151824	ZNF37B	0.141214	0.0644343	0.305551	-3.27278	0.471072	1.51958	1.51958	0.531825	1.43538	1.43538	0.737077	0.825058	-1.21204	0.257794	0.509692	-1.96197	0.158891	0.423428	-2.36168	0.0133565	0.173942	-5.74905	0.152204	0.416718	-2.39971	0.622408	0.75331	-1.32747	2.19333	11.3145	4.58543	1
cg24635860	ZC3H12A	0.141215	0.206474	0.614123	-1.62834	0.362022	1.40892	1.40892	0.119085	0.538506	-1.85699	0.53886	0.79639	-1.25567	0.245166	1.56019	1.56019	0.62804	0.836407	-1.19559	0.0445676	2.32553	2.32553	0.253806	1.54658	1.54658	0.153811	0.571945	-1.74842	2.19332	4.6508	1.88484	1
cg10661591	TFG;TFG	0.141216	0.342625	1.1939	1.1939	0.392914	1.17192	1.17192	0.354944	1.18826	1.18826	0.0196236	0.599865	-1.66704	0.592013	1.10303	1.10303	0.172411	0.76855	-1.30115	0.727601	0.938582	-1.06544	0.304018	1.21284	1.21284	0.137174	1.3367	1.3367	2.19331	1.14135	0.462557	1
cg14076132	LPAR4;LPAR4	0.141218	0.892214	0.924733	-1.08139	0.0746665	0.317893	-3.14571	0.104912	0.359596	-2.7809	0.746116	1.20623	1.20623	0.0716215	0.313162	-3.19324	0.011508	0.161326	-6.19863	0.922355	0.945285	-1.05788	0.310315	0.545573	-1.83294	0.779302	0.850316	-1.17603	2.1933	11.5719	4.68979	1
cg11330104	ZNF808	0.141221	0.549959	1.07722	1.07722	0.314021	1.13661	1.13661	0.49396	0.918124	-1.08918	0.356319	1.12375	1.12375	0.264586	1.15372	1.15372	0.0587508	1.30023	1.30023	0.094886	0.797948	-1.25321	0.0573779	0.767709	-1.30258	0.774822	1.0359	1.0359	2.19328	0.525316	0.212899	1
cg12629670	CYFIP1;CYFIP1	0.141222	0.348632	0.794647	-1.25842	0.976962	1.0069	1.0069	0.0357658	0.558769	-1.78965	0.667302	1.10851	1.10851	0.032529	0.550961	-1.81501	0.19339	1.38799	1.38799	0.253726	1.32835	1.32835	0.799173	1.06261	1.06261	0.446256	0.831149	-1.20315	2.19327	1.97121	0.798893	1
cg07313814	DVL1	0.141223	0.581266	1.14499	1.14499	0.00526121	0.408849	-2.44589	0.0892293	0.634133	-1.57696	0.612218	0.883164	-1.13229	0.244209	0.7437	-1.34463	0.747595	0.924522	-1.08164	0.455144	0.831192	-1.20309	0.999616	0.999883	-1.00012	0.259644	0.751408	-1.33084	2.19326	2.05201	0.831644	1
cg23038813	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.141226	0.119949	0.196762	-5.08228	0.389635	0.427592	-2.33868	0.479859	1.99805	1.99805	0.472581	0.494564	-2.02198	0.00614723	0.031908	-31.3401	0.482873	0.502946	-1.98828	?	?	?	0.49446	0.512412	-1.95156	0.439084	0.467419	-2.13941	2.21182	28.9191	13.0748	1
cg17329494	SGTB;NLN	0.14123	0.926335	0.970637	-1.03025	0.00903676	0.343187	-2.91386	0.111884	1.74709	1.74709	0.810292	0.925424	-1.08059	0.698449	0.882087	-1.13368	0.913093	0.965428	-1.03581	0.489629	0.79757	-1.25381	0.545571	0.821078	-1.21791	0.193715	1.55766	1.55766	2.19321	3.60775	1.46219	1
cg01998606	ZEB2;ZEB2	0.141231	0.527186	0.728863	-1.372	0.0282749	3.59116	3.59116	0.228681	1.86575	1.86575	0.357622	1.59523	1.59523	0.816226	1.12179	1.12179	0.523215	1.3763	1.3763	0.90343	0.94184	-1.06175	0.013414	4.53364	4.53364	0.165589	2.07512	2.07512	2.1932	8.46501	3.43081	1
cg02216380	DZIP1L;DZIP1L	0.141232	0.0560202	0.335448	-2.98109	0.805346	1.1327	1.1327	0.371732	0.629505	-1.58855	0.107549	0.412167	-2.4262	0.0465996	0.316641	-3.15815	0.669421	0.805142	-1.24202	0.0285359	0.271435	-3.68412	0.0654444	0.35222	-2.83914	0.328347	0.601014	-1.66385	2.1932	8.84601	3.58523	1
cg23944480	PTPN4	0.141237	0.0856142	0.691122	-1.44692	0.786864	0.948668	-1.05411	0.294819	0.809567	-1.23523	0.261839	0.79652	-1.25546	0.197708	1.30309	1.30309	0.293461	0.80905	-1.23602	0.0845069	1.44922	1.44922	0.362979	1.19936	1.19936	0.116595	1.39309	1.39309	2.19316	1.3132	0.532241	1
cg21166775	RAPGEF3;RAPGEF3;RAPGEF3;RAPGEF3	0.141238	0.951262	0.981256	-1.0191	0.0297374	0.452967	-2.20767	0.136354	0.608475	-1.64345	0.34425	1.352	1.352	0.98935	0.995877	-1.00414	0.941747	1.02288	1.02288	0.687064	1.13356	1.13356	0.164693	1.58229	1.58229	0.0653157	1.89739	1.89739	2.19315	3.32848	1.34904	1
cg00626515	PMEPA1;PMEPA1;PMEPA1	0.141241	0.357614	0.556907	-1.79563	0.508528	0.660349	-1.51435	0.337631	0.542466	-1.84343	0.266174	0.48828	-2.048	0.0162988	0.162454	-6.15559	0.758322	0.826169	-1.21041	0.0848606	0.307571	-3.25128	0.0160659	0.161534	-6.19063	0.240826	0.467775	-2.13778	2.19313	13.2976	5.38959	1
cg22902177	PLXND1	0.141241	0.790623	1.11672	1.11672	0.0791474	0.431761	-2.3161	0.0682034	0.413629	-2.41762	?	?	?	0.0192316	0.283086	-3.5325	0.757346	1.13725	1.13725	0.0991838	0.460668	-2.17076	0.465775	0.733711	-1.36293	0.58273	0.793876	-1.25964	2.49015	5.73718	1.72796	1
cg15485645	ZNF610;ZNF610;ZNF610;ZNF610;ZNF610;ZNF610	0.141245	0.546296	0.956026	-1.046	0.0201403	0.813473	-1.2293	0.568213	0.958406	-1.0434	0.241605	0.913678	-1.09448	0.589215	0.960644	-1.04097	0.434199	1.06053	1.06053	0.058075	1.1709	1.1709	0.290202	1.08421	1.08421	0.70859	0.972726	-1.02804	2.1931	0.18842	0.0763687	1
cg02685544	BCOR;BCOR;BCOR;BCOR	0.141246	0.131404	1.23353	1.23353	0.257705	0.85881	-1.1644	0.300899	1.14813	1.14813	0.507455	0.916992	-1.09052	0.532353	1.08492	1.08492	0.637929	1.06299	1.06299	0.0114978	0.66538	-1.5029	0.428305	0.901036	-1.10983	0.966354	0.994579	-1.00545	2.19309	0.576812	0.233789	1
cg11937493	HCRTR2	0.141247	0.731738	1.09746	1.09746	0.271268	0.733798	-1.36277	0.963938	1.01229	1.01229	0.122237	0.635943	-1.57247	0.189486	0.686871	-1.45588	0.0309552	1.98298	1.98298	0.133745	1.54817	1.54817	0.296569	1.33975	1.33975	0.456064	1.22771	1.22771	2.19309	2.53675	1.02818	1
cg14007067	SALL3	0.141247	0.592231	0.920057	-1.08689	0.283801	0.842314	-1.18721	0.881436	0.977262	-1.02327	0.744084	0.950772	-1.05178	0.199185	0.811347	-1.23252	0.0478071	0.705582	-1.41727	0.0227888	1.52189	1.52189	0.508634	0.901826	-1.10886	0.428681	1.1326	1.1326	2.19309	0.824896	0.334342	1
cg06208661	ZNF322A	0.14125	0.0143601	0.58999	-1.69494	0.266533	1.22432	1.22432	0.443445	1.14638	1.14638	0.0835363	0.715433	-1.39776	0.573623	0.905376	-1.10451	0.43052	1.15105	1.15105	0.348119	1.18398	1.18398	0.701024	0.93478	-1.06977	0.571864	0.904954	-1.10503	2.19306	1.0616	0.430287	1
cg24537383	ROR1;ROR1	0.141251	0.536415	1.29966	1.29966	0.215871	1.72511	1.72511	0.137086	1.9551	1.9551	0.390758	1.44507	1.44507	0.884623	1.06267	1.06267	0.0109305	0.262561	-3.80863	0.460591	1.36958	1.36958	0.335825	1.51511	1.51511	0.673778	1.19394	1.19394	2.19305	6.08774	2.46748	1
cg18798247	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.141255	0.283685	1.11915	1.11915	0.625141	1.05103	1.05103	0.0294046	1.29598	1.29598	0.0489833	0.796775	-1.25506	0.444753	0.924283	-1.08192	0.872191	0.98386	-1.01641	0.748589	1.03303	1.03303	0.244687	0.884265	-1.13088	0.249852	1.12924	1.12924	2.19303	0.354785	0.143803	1
cg14912896	CCT7;CCT7;CCT7;C2orf7;CCT7;CCT7;CCT7	0.141262	0.89145	0.98131	-1.01905	0.0111964	0.644551	-1.55147	0.33408	1.14758	1.14758	0.240747	1.18495	1.18495	0.624576	1.07053	1.07053	0.601386	1.07555	1.07555	0.363284	0.878886	-1.1378	0.923748	0.986859	-1.01332	0.129893	1.25365	1.25365	2.19297	0.663108	0.268781	1
cg10360139	MAD1L1;MAD1L1;MAD1L1	0.141263	0.0263083	0.215127	-4.64841	0.431568	0.626189	-1.59696	0.629201	0.752975	-1.32807	0.5048	1.48388	1.48388	0.0365189	0.242395	-4.1255	0.64693	0.764196	-1.30857	0.0480808	0.267795	-3.7342	0.567168	1.40115	1.40115	0.271137	0.51269	-1.9505	2.19297	11.8107	4.78731	1
cg08515841	KLF7	0.141264	0.479058	0.833598	-1.19962	0.73205	0.91674	-1.09082	0.0232524	1.98583	1.98583	0.491914	1.1931	1.1931	0.239679	0.732415	-1.36535	0.821122	0.94433	-1.05895	0.501488	1.18833	1.18833	0.469307	1.20467	1.20467	0.0258971	1.95216	1.95216	2.19296	2.22186	0.900604	1
cg10585321	RALGDS;RALGDS	0.141265	0.890416	0.957693	-1.04418	0.165185	1.59077	1.59077	0.144673	1.63439	1.63439	0.372459	1.3326	1.3326	0.961851	0.985113	-1.01511	0.240715	1.46984	1.46984	0.380667	1.32575	1.32575	0.0288834	0.44578	-2.24326	0.0801703	1.83806	1.83806	2.19295	3.4152	1.38431	1
cg07707611	P4HTM;P4HTM	0.141266	0.475469	0.869606	-1.14995	0.340309	0.827618	-1.20829	0.762164	0.943235	-1.06018	0.51017	0.879311	-1.13725	0.835427	0.96074	-1.04086	0.00986725	0.533751	-1.87353	0.02255	0.591002	-1.69204	0.516734	1.13493	1.13493	0.821555	0.957438	-1.04445	2.19295	1.28744	0.521851	1
cg03198275	CHCHD6	0.141268	0.800452	0.880507	-1.13571	0.0895736	2.59744	2.59744	0.205317	1.96746	1.96746	0.781747	1.14976	1.14976	0.722742	0.836065	-1.19608	0.0319025	0.273863	-3.65145	0.108356	2.43948	2.43948	0.272487	0.561449	-1.7811	0.535618	0.729283	-1.37121	2.30965	9.03452	3.04238	1
cg13471365	CORO2A	0.14127	0.0712016	0.403607	-2.47766	0.692728	1.1958	1.1958	0.0629635	0.38993	-2.56457	0.201346	0.544706	-1.83585	0.0535596	0.372674	-2.68331	0.445245	0.704441	-1.41957	0.0338423	0.327754	-3.05107	0.103806	0.448955	-2.2274	0.186039	0.531933	-1.87994	2.19291	7.03997	2.85362	1
cg03961401	GNA12	0.141272	0.0646932	0.214056	-4.67166	0.12123	0.287009	-3.48421	0.052405	0.194216	-5.1489	0.256054	0.414457	-2.41279	0.0465638	0.183912	-5.43737	0.619542	0.689466	-1.4504	0.0900749	0.249606	-4.00631	0.0410135	0.173451	-5.7653	0.956917	0.960659	-1.04095	2.1929	19.1685	7.76989	1
cg22639242	MGAT1;MGAT1;MGAT1;MGAT1;MGAT1	0.141272	0.373785	0.543687	-1.83929	0.0142813	0.133075	-7.51458	0.524267	0.650035	-1.53838	0.507217	0.638206	-1.56689	0.119808	0.324166	-3.08484	0.16433	0.371436	-2.69225	0.0359207	0.196131	-5.09863	0.368904	0.540118	-1.85145	0.0521574	0.228935	-4.36806	2.1929	15.4728	6.27188	1
cg01339648	C6orf25;C6orf25;C6orf25;C6orf25;LY6G6C;C6orf25;C6orf25	0.141273	0.0718709	0.372927	-2.68149	0.482669	0.704522	-1.4194	0.972845	1.01685	1.01685	0.120692	0.437726	-2.28453	0.351384	0.624507	-1.60126	0.0655777	0.36262	-2.75771	0.024999	0.270059	-3.7029	0.675903	1.22923	1.22923	0.0595104	0.352029	-2.84068	2.19289	8.3686	3.39221	1
cg00414041	RPS6KA2;RPS6KA2	0.141277	0.586635	1.28495	1.28495	0.0843116	0.418077	-2.3919	0.574136	0.771585	-1.29603	0.69776	1.19509	1.19509	0.0316506	0.316465	-3.1599	0.11191	0.453589	-2.20464	0.0290805	0.308917	-3.23712	0.753916	1.15444	1.15444	0.721656	0.849286	-1.17746	2.19286	7.24313	2.93604	1
cg24568468	GLRB;GLRB;GLRB	0.141285	0.391363	1.32306	1.32306	0.821662	1.07462	1.07462	0.0191748	2.46797	2.46797	0.120126	1.71165	1.71165	0.892942	1.04386	1.04386	0.36401	0.742776	-1.3463	0.588867	0.840344	-1.18999	0.720073	0.891625	-1.12155	0.0364057	2.17126	2.17126	2.19281	3.52899	1.43053	1
cg27481124	EXOC4	0.141286	0.0930339	0.744779	-1.34268	0.0194792	0.637412	-1.56884	0.190463	0.801644	-1.24744	0.9572	0.991478	-1.0086	0.105403	0.754191	-1.32592	0.770858	0.954496	-1.04767	0.129949	1.29803	1.29803	0.917857	0.983684	-1.01659	0.521483	0.90157	-1.10918	2.1928	0.883145	0.357998	1
cg03003218	ALDH5A1;ALDH5A1	0.141289	0.177716	0.847792	-1.17953	0.657438	1.0528	1.0528	0.394988	1.10565	1.10565	0.837517	1.02395	1.02395	0.0644215	1.27062	1.27062	0.247858	0.869992	-1.14944	0.0859641	0.80353	-1.24451	0.381317	1.10906	1.10906	0.0843629	1.2462	1.2462	2.19278	0.461528	0.18709	1
cg12093976	EGF	0.14129	0.17689	0.698579	-1.43148	0.288198	1.31725	1.31725	0.306291	1.30303	1.30303	0.0812818	0.616965	-1.62084	0.0756423	0.610073	-1.63915	0.232497	0.731333	-1.36737	0.700693	0.907993	-1.10133	0.123754	1.51679	1.51679	0.303473	0.766173	-1.30519	2.19277	2.16879	0.879167	1
cg24959428	GBP6	0.141291	0.519777	1.16741	1.16741	0.208587	1.36952	1.36952	0.0332021	0.554019	-1.80499	0.751311	1.07834	1.07834	0.0745933	0.624276	-1.60185	0.980088	1.00594	1.00594	0.699369	0.912059	-1.09642	0.0783014	1.59038	1.59038	0.598879	1.13418	1.13418	2.19277	1.95421	0.792184	1
cg00688125	KRTCAP3;NRBP1;KRTCAP3	0.141294	0.516632	0.797079	-1.25458	0.0184626	0.373164	-2.67979	0.996983	1.0013	1.0013	0.738675	0.890941	-1.12241	0.0344477	0.427096	-2.3414	0.127344	0.56628	-1.76591	0.171422	0.60519	-1.65237	0.3011	1.44708	1.44708	0.624379	0.843485	-1.18556	2.19274	4.1313	1.67474	1
cg07379888	TRPM8	0.141295	0.59566	0.884192	-1.13098	0.0185198	1.92777	1.92777	0.075145	1.57682	1.57682	0.959293	0.988338	-1.0118	0.688338	0.911499	-1.09709	0.101752	1.50936	1.50936	0.0916075	1.53249	1.53249	0.864344	0.961464	-1.04008	0.706924	0.916855	-1.09068	2.19273	1.83418	0.743541	1
cg03659519	GALR1	0.141298	0.550226	0.777992	-1.28536	0.0332834	0.355829	-2.81034	0.425393	1.40222	1.40222	0.123534	1.99934	1.99934	0.804278	1.10863	1.10863	0.742327	0.871952	-1.14685	0.992921	0.996322	-1.00369	0.031876	2.84195	2.84195	0.46548	1.36136	1.36136	2.19271	5.99	2.42825	1
cg26152597	ZBTB20	0.141302	0.228562	0.718376	-1.39203	0.785229	1.07411	1.07411	0.260595	1.3595	1.3595	0.0871223	1.63959	1.63959	0.779498	0.92917	-1.07623	0.332122	0.769599	-1.29938	0.0240333	0.494352	-2.02285	0.677213	0.896219	-1.1158	0.224448	1.39654	1.39654	2.19268	2.37909	0.964457	1
cg04755571	KCNK17;KCNK17	0.141303	0.46919	1.71276	1.71276	0.158448	3.00914	3.00914	0.632177	1.42248	1.42248	0.25855	2.36652	2.36652	0.0543989	4.92819	4.92819	0.226125	2.53138	2.53138	0.0137919	9.24761	9.24761	0.0308255	6.37909	6.37909	0.379283	1.93306	1.93306	2.19268	18.5432	7.51723	1
cg25084778	RASA1;RASA1	0.141303	0.523546	1.41041	1.41041	0.035231	3.68628	3.68628	0.0863247	2.73992	2.73992	0.69511	1.23309	1.23309	0.310868	0.5725	-1.74673	0.197958	0.484904	-2.06227	0.0741749	2.88177	2.88177	0.186383	2.10675	2.10675	0.818858	1.12978	1.12978	2.19268	9.8261	3.9834	1
cg16393893	NRG2;NRG2;NRG2;NRG2	0.141305	0.967128	0.995478	-1.00454	0.0652189	0.796414	-1.25563	0.911791	1.01226	1.01226	0.802774	1.0279	1.0279	0.0212055	0.737367	-1.35618	0.668983	0.953802	-1.04844	0.310977	0.891116	-1.12219	0.673404	1.04772	1.04772	0.0758324	1.24272	1.24272	2.19267	0.419987	0.170259	1
cg05919376	PIK3R6	0.141305	0.211572	0.440474	-2.27028	0.0234949	0.185306	-5.39649	0.0301482	0.204239	-4.89623	0.604037	0.721846	-1.38534	0.0915402	0.314259	-3.18209	0.988858	1.00874	1.00874	0.998909	0.999149	-1.00085	0.057286	0.261896	-3.8183	0.446482	0.616663	-1.62163	2.19266	13.4784	5.46405	1
cg15602950	SACM1L	0.141307	0.527382	1.15763	1.15763	0.0836554	0.645567	-1.54903	0.0377368	0.57646	-1.73472	0.757439	1.07338	1.07338	0.278103	0.772748	-1.29408	0.64291	1.11263	1.11263	0.673337	0.907626	-1.10178	0.164148	1.40401	1.40401	0.115851	1.47798	1.47798	2.19265	1.81445	0.735571	1
cg07832203	PVRL4	0.141308	0.129082	0.377231	-2.65089	0.196966	0.444487	-2.24978	0.165216	0.41482	-2.41068	0.977619	1.01681	1.01681	0.412727	0.607866	-1.6451	0.086237	0.324094	-3.08552	0.0137165	0.163403	-6.11985	0.0715709	0.302401	-3.30687	0.0975436	0.339364	-2.94669	2.19264	12.2703	4.97434	1
cg00688421	RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1	0.141309	0.558617	0.929509	-1.07584	0.0131691	1.46208	1.46208	0.752377	1.03989	1.03989	0.84761	1.02406	1.02406	0.161987	1.20266	1.20266	0.364162	1.12215	1.12215	0.323117	0.881504	-1.13442	0.170838	0.835083	-1.19749	0.252034	1.15937	1.15937	2.19264	0.530368	0.21501	1
ch.14.1421228F	PSMC1	0.14131	0.301433	0.63957	-1.56355	0.28662	0.630062	-1.58714	0.0882964	0.456065	-2.19267	0.650443	1.20979	1.20979	0.427899	1.402	1.402	0.780444	1.12373	1.12373	0.405143	1.427	1.427	0.0152616	3.46843	3.46843	0.606472	0.804996	-1.24224	2.19263	6.05206	2.4535	1
cg03962114	ATF6B;ATF6B	0.141311	0.448433	1.18224	1.18224	0.830417	0.954585	-1.04758	0.927885	0.980574	-1.01981	0.132593	1.42146	1.42146	0.554884	1.13818	1.13818	0.112463	1.45422	1.45422	0.0444492	0.606414	-1.64904	0.0868289	0.663758	-1.50657	0.281637	1.27441	1.27441	2.19262	1.63083	0.661141	1
cg21396630	RIMKLA	0.141312	0.103867	0.169654	-5.89436	0.773503	0.749875	-1.33356	0.944687	0.933126	-1.07167	0.467958	0.478696	-2.08901	0.0805602	0.144661	-6.9127	0.152937	0.217212	-4.6038	0.0216043	0.0638085	-15.6719	0.02994	0.0782573	-12.7784	0.156915	0.220863	-4.5277	2.19261	34.5553	14.0088	1
cg27181253	WNT2B;WNT2B;WNT2B	0.141312	0.357683	1.70706	1.70706	0.0222729	4.70566	4.70566	0.164748	2.31157	2.31157	0.0791049	3.01071	3.01071	0.64454	0.769012	-1.30037	0.138268	2.46513	2.46513	0.182799	2.22385	2.22385	0.0512602	3.50736	3.50736	0.121799	2.58111	2.58111	2.19261	11.0993	4.49968	1
cg03188346	CLIP2;CLIP2	0.141313	0.146944	0.504777	-1.98107	0.184783	0.53916	-1.85474	0.0562635	0.386961	-2.58424	0.334367	1.54848	1.54848	0.0538552	0.382371	-2.61526	0.30383	0.626424	-1.59636	0.0463847	0.367112	-2.72396	0.168263	0.524734	-1.90573	0.875691	1.07117	1.07117	2.19261	6.69827	2.7155	1
cg24058132	GALC;GALC;GALC;GALC	0.141313	0.0985812	0.519446	-1.92513	0.537278	1.25344	1.25344	0.326276	1.44266	1.44266	0.469371	1.30496	1.30496	0.10715	0.529435	-1.8888	0.9705	0.986717	-1.01346	0.0246646	0.380064	-2.63114	0.206149	0.617416	-1.61965	0.46945	1.30489	1.30489	2.19261	4.54065	1.84079	1
cg21115391	CCDC67	0.141313	0.373061	0.699519	-1.42955	0.144868	0.542314	-1.84395	0.145089	0.542523	-1.84324	0.508131	1.3	1.3	0.138137	0.535844	-1.86621	0.547981	0.78853	-1.26818	0.111459	0.507874	-1.96899	0.049703	2.39865	2.39865	0.450813	1.35021	1.35021	2.1926	5.30349	2.15005	1
cg06625233	TRPS1;TRPS1	0.141316	0.333313	0.839133	-1.19171	0.218011	1.25575	1.25575	0.0583112	1.45648	1.45648	0.617802	0.915386	-1.09244	0.262446	1.22796	1.22796	0.192751	1.27414	1.27414	0.0397681	0.658494	-1.51862	0.621805	0.916322	-1.09132	0.746177	0.944519	-1.05874	2.19258	1.07259	0.434835	1
cg27171569	OSGIN1;OSGIN1;OSGIN1	0.141317	0.0912879	0.289855	-3.45	0.629024	0.723142	-1.38285	0.579874	0.689127	-1.45111	0.3319	0.513463	-1.94756	0.0443785	0.214896	-4.65342	0.119111	0.324229	-3.08424	0.0592742	0.242219	-4.1285	0.0833118	0.278993	-3.58432	0.0246322	0.168298	-5.94185	2.19258	15.3973	6.2422	1
cg25147193	MIR181C	0.141319	0.168379	8.71693	8.71693	0.252081	5.84094	5.84094	0.359598	4.01276	4.01276	0.144995	10.0635	10.0635	0.12454	11.6248	11.6248	0.816237	0.709364	-1.40971	0.00939685	128.691	128.691	0.615587	2.11027	2.11027	0.0582895	23.4876	23.4876	2.19256	75.563	30.6341	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07374465	ATP5F1	0.141319	?	?	?	0.929782	1.04732	1.04732	0.939774	1.04044	1.04044	0.132571	2.34305	2.34305	0.156966	2.21256	2.21256	0.290834	1.77728	1.77728	0.0357783	3.60268	3.60268	0.0322526	3.7269	3.7269	0.0674495	2.92989	2.92989	2.21113	8.56769	3.87481	1
cg11158374	TFF2	0.141321	0.0609323	0.466036	-2.14576	0.21609	0.624657	-1.60088	0.0874875	0.505664	-1.9776	0.156971	0.578596	-1.72832	0.00984428	0.30751	-3.25192	0.45586	0.759936	-1.3159	0.952667	1.02169	1.02169	0.202409	0.614795	-1.62656	0.228314	0.633148	-1.57941	2.19255	4.53704	1.83938	1
cg27514703	AKT1S1;AKT1S1;AKT1S1;AKT1S1;AKT1S1;AKT1S1;TBC1D17;TBC1D17	0.141322	0.0355691	0.611969	-1.63407	0.566483	0.890206	-1.12334	0.686209	1.08493	1.08493	0.144465	0.730055	-1.36976	0.0806567	0.677831	-1.47529	0.945768	1.01375	1.01375	0.0234595	0.580834	-1.72166	0.328415	0.816713	-1.22442	0.567582	1.12296	1.12296	2.19254	1.39891	0.567139	1
cg17847781	IGBP1	0.141322	0.238048	0.590335	-1.69395	0.81515	1.10503	1.10503	0.437307	0.713259	-1.40202	0.0380529	2.78849	2.78849	0.0371259	0.356279	-2.80679	0.129975	0.497807	-2.00881	0.796651	0.895722	-1.11642	0.521159	1.3196	1.3196	0.764104	1.13695	1.13695	2.19254	6.31544	2.56038	1
cg21373064	LUC7L2	0.141323	0.124783	1.39448	1.39448	0.866429	1.03426	1.03426	0.674468	1.08821	1.08821	0.632335	1.10126	1.10126	0.780541	1.05748	1.05748	0.717278	1.07548	1.07548	0.481588	1.15389	1.15389	0.00656569	2.02676	2.02676	0.0364178	1.62685	1.62685	2.19253	1.3904	0.563691	1
cg27088716	HECTD3;UROD;HECTD3	0.141327	0.665511	0.800008	-1.24999	0.174414	2.09831	2.09831	0.848014	0.906259	-1.10344	0.846194	0.905175	-1.10476	0.523621	1.39317	1.39317	0.363924	0.619626	-1.61388	0.00527569	0.151549	-6.59854	0.94083	0.962634	-1.03882	0.79865	1.14012	1.14012	2.1925	9.13846	3.70494	1
cg17043101	NOLC1;NOLC1	0.141328	0.754587	0.945343	-1.05782	0.0405434	1.528	1.528	0.299485	1.21257	1.21257	0.783221	0.951768	-1.05068	0.984613	0.996549	-1.00346	0.821406	1.04136	1.04136	0.047554	0.666173	-1.50111	0.72761	0.939246	-1.06468	0.052974	1.48319	1.48319	2.1925	1.11565	0.452309	1
cg17928224	WDR91	0.141331	0.719286	0.933647	-1.07107	0.395963	1.18041	1.18041	0.949853	0.988114	-1.01203	0.382273	1.18649	1.18649	0.0243311	1.68993	1.68993	0.104779	0.710545	-1.40737	0.117775	0.721022	-1.38692	0.908585	1.02208	1.02208	0.192861	1.3025	1.3025	2.30914	1.29391	0.43582	1
cg07247970	PRPF3	0.141331	0.188656	0.682336	-1.46555	0.028863	2.02832	2.02832	0.129408	1.56777	1.56777	0.208575	0.695019	-1.43881	0.759628	1.08787	1.08787	0.865996	1.04744	1.04744	0.506277	1.20331	1.20331	0.106718	0.616713	-1.6215	0.905459	0.967919	-1.03314	2.19247	2.61528	1.06031	1
cg23921145	FH	0.141333	0.408112	1.14117	1.14117	0.753954	0.952113	-1.0503	0.178474	1.24995	1.24995	0.580377	1.09106	1.09106	0.02295	1.52898	1.52898	0.144947	1.27675	1.27675	0.639252	0.928967	-1.07646	0.279961	1.19159	1.19159	0.0189892	1.55778	1.55778	2.19246	0.845771	0.342902	1
cg07456180	MICAL3	0.141334	0.647273	0.72045	-1.38802	0.0844315	0.25705	-3.89029	0.131917	0.31432	-3.18147	0.914177	0.926143	-1.07975	0.0149876	0.119009	-8.40275	0.0744626	0.24307	-4.11404	0.0580949	0.217752	-4.59239	0.503818	0.61704	-1.62064	0.167413	0.350858	-2.85015	2.19245	17.5889	7.13108	1
cg14196840	CTTNBP2	0.141334	0.603997	0.771585	-1.29603	0.603557	1.29645	1.29645	0.648219	1.25563	1.25563	0.729598	0.842009	-1.18764	0.87337	1.08225	1.08225	0.516716	0.721941	-1.38515	0.0049176	0.157787	-6.33766	0.311585	1.68002	1.68002	0.429592	1.49122	1.49122	2.19245	8.52804	3.45754	1
cg17150898	FBXL14	0.141337	0.863204	0.92307	-1.08334	0.883855	0.934398	-1.07021	0.0333487	3.17193	3.17193	0.0726031	2.53404	2.53404	0.483457	0.718506	-1.39178	0.54917	0.75477	-1.32491	0.0935888	0.424855	-2.35374	0.312577	0.615773	-1.62398	0.305193	1.63699	1.63699	2.19243	7.48182	3.0334	1
cg08670383	CPLX2	0.141337	0.787527	0.827569	-1.20836	0.347497	1.96932	1.96932	0.376201	1.88934	1.88934	0.418585	1.78436	1.78436	0.0750717	0.249392	-4.00975	0.156335	0.345646	-2.89313	0.0181639	0.134054	-7.45969	0.292473	0.465258	-2.14935	0.717768	0.775462	-1.28955	2.19243	17.043	6.90983	1
cg01654312	SLC41A1	0.141339	0.563493	1.05942	1.05942	0.108867	1.18865	1.18865	0.0260816	1.29817	1.29817	0.129029	0.850339	-1.176	0.693568	1.03991	1.03991	0.2682	0.892272	-1.12073	0.509665	0.936033	-1.06834	0.566597	0.944356	-1.05892	0.210454	1.13931	1.13931	2.19242	0.339179	0.137516	1
cg27565803	SNORD103A;PUM1;PUM1	0.14134	0.194145	0.545657	-1.83265	0.187552	0.540154	-1.85132	0.678273	0.831976	-1.20196	0.330067	1.55771	1.55771	0.0383821	0.347137	-2.88071	0.252267	0.590155	-1.69447	0.146757	0.503195	-1.9873	0.0893241	2.28445	2.28445	0.813741	1.10969	1.10969	2.1924	6.75217	2.7376	1
cg16278661	SLC27A5	0.141344	0.0503116	0.484356	-2.0646	0.139957	0.596919	-1.67527	0.265701	0.686027	-1.45767	0.327406	0.72002	-1.38885	0.0330273	0.444886	-2.24777	0.066685	0.512713	-1.95041	0.260667	1.464	1.464	0.292157	0.701099	-1.42633	0.908937	0.963507	-1.03788	2.19238	3.66547	1.48614	1
cg04384112	CFDP1	0.141345	0.0331389	0.28909	-3.45914	0.444241	0.677993	-1.47494	0.0348344	0.293601	-3.40598	0.136167	0.449295	-2.22571	0.117662	0.428845	-2.33185	0.653575	1.25244	1.25244	0.206464	0.514822	-1.94242	0.929799	0.957047	-1.04488	0.0588819	0.345408	-2.89513	2.19237	8.62011	3.49499	1
cg23778370	RAMP3	0.141351	0.508098	1.6799	1.6799	0.952739	1.04686	1.04686	0.538844	0.618322	-1.61728	0.508704	1.67862	1.67862	0.291967	2.32749	2.32749	0.0049581	0.0564482	-17.7153	0.519148	1.65686	1.65686	0.956195	1.04335	1.04335	0.970054	0.971413	-1.02943	2.19233	20.7268	8.40377	1
cg05488439	MTERF	0.141353	0.354473	0.767336	-1.30321	0.501247	0.82715	-1.20897	0.241699	0.711285	-1.40591	0.0106258	0.409375	-2.44275	0.0929201	1.67184	1.67184	0.907431	1.03287	1.03287	0.560003	0.848871	-1.17803	0.207404	0.691011	-1.44716	0.945375	0.981131	-1.01923	2.19231	2.68354	1.08806	1
cg04673912	ST7OT4;ST7OT1;ST7;ST7	0.141354	0.390339	0.764882	-1.30739	0.421098	0.778588	-1.28438	0.332394	0.737494	-1.35594	0.101909	0.579726	-1.72495	0.904273	0.964026	-1.03732	0.231353	0.682297	-1.46564	0.00564876	0.330915	-3.02192	0.173017	0.643046	-1.5551	0.105276	0.583366	-1.71419	2.1923	3.2196	1.30542	1
cg25380351	PSORS1C1;PSORS1C2	0.141358	0.705249	1.18406	1.18406	0.765092	0.875265	-1.14251	0.0482071	0.366487	-2.72861	0.685496	0.834424	-1.19843	0.13903	0.492647	-2.02985	0.959472	0.97766	-1.02285	0.0351115	0.335756	-2.97835	0.0198117	0.286272	-3.49318	0.514953	0.745604	-1.3412	2.19227	6.86326	2.78281	1
cg12329318	COL5A2	0.141364	0.286596	0.330501	-3.02571	0.383164	0.408715	-2.44669	0.234425	0.287355	-3.48001	0.495348	0.500231	-1.99908	0.0232172	0.0662238	-15.1003	0.0823216	0.145792	-6.85907	0.0172254	0.054832	-18.2375	0.551784	0.547525	-1.8264	0.0841679	0.147833	-6.76439	2.19224	34.7554	14.0923	1
cg11117530	FURIN	0.141365	0.734506	0.917886	-1.08946	0.0773437	1.63929	1.63929	0.247636	1.35561	1.35561	0.45847	1.20927	1.20927	0.447662	0.823003	-1.21506	0.0235399	0.506215	-1.97544	0.174886	1.43792	1.43792	0.431562	0.817048	-1.22392	0.817971	0.943622	-1.05975	2.19222	2.1998	0.891962	1
cg14463068	MYT1L	0.141367	0.959776	0.973986	-1.02671	0.414978	0.646962	-1.54568	0.841568	0.90069	-1.11026	0.0834249	2.72228	2.72228	0.0213082	0.235447	-4.24724	0.0902795	2.65271	2.65271	0.940659	0.961839	-1.03968	0.323189	1.70452	1.70452	0.752537	0.847634	-1.17976	2.19221	9.48296	3.84511	1
cg24263283	MYO1E	0.141367	0.590499	0.771656	-1.29591	0.0143147	0.236661	-4.22545	0.165165	0.4934	-2.02676	0.843785	1.09871	1.09871	0.935134	0.961903	-1.03961	0.145279	0.47413	-2.10912	0.0577836	0.35929	-2.78327	0.0820536	0.398785	-2.50762	0.751919	1.16337	1.16337	2.19221	7.90535	3.20543	1
cg24280439	TBCD	0.141368	0.714804	1.06085	1.06085	0.138196	1.29297	1.29297	0.308804	1.18477	1.18477	0.267666	1.20426	1.20426	0.107668	1.32657	1.32657	0.902231	1.01998	1.01998	0.00662138	1.76362	1.76362	0.915712	0.983103	-1.01719	0.112288	1.3209	1.3209	2.19221	0.899609	0.364771	1
cg03330920	IFT140	0.141368	0.654519	1.11039	1.11039	0.649064	1.11239	1.11239	0.578518	1.13936	1.13936	0.261967	1.3125	1.3125	0.672103	0.905764	-1.10404	0.150698	0.699022	-1.43057	0.00649487	0.439358	-2.27605	0.742811	0.926307	-1.07956	0.92394	0.978044	-1.02245	2.1922	1.87651	0.760883	1
cg24851100	OXCT1	0.141369	0.341049	0.7227	-1.3837	0.016784	0.380576	-2.62759	0.0142461	0.367611	-2.72027	0.209982	0.645767	-1.54855	0.470146	0.784104	-1.27534	0.16408	0.611718	-1.63474	0.754843	0.901508	-1.10925	0.16448	0.61204	-1.63388	0.301976	0.701895	-1.42471	2.19219	3.80419	1.54252	1
cg19354656	IGSF9;IGSF9	0.141374	0.0643209	0.303264	-3.29746	0.898068	1.07634	1.07634	0.311762	0.548431	-1.82338	0.795482	0.861478	-1.1608	0.066272	0.306519	-3.26244	0.163182	0.425551	-2.3499	0.0270212	0.222484	-4.4947	0.616216	0.748199	-1.33654	0.0334726	0.240229	-4.1627	2.19216	11.4402	4.63883	1
cg02934600	PRMT6	0.141376	0.166024	1.23575	1.23575	0.443048	0.893972	-1.1186	0.130309	1.26386	1.26386	0.102097	1.29229	1.29229	0.573833	1.08485	1.08485	0.160898	1.23939	1.23939	0.0454791	0.719829	-1.38922	0.568182	0.920655	-1.08618	0.368622	1.14149	1.14149	2.19215	0.713055	0.289135	1
cg02385091	ANKRD16;FBXO18;ANKRD16;ANKRD16;ANKRD16;ANKRD16;ANKRD16	0.141379	0.283082	1.11208	1.11208	0.707609	0.964748	-1.03654	0.453962	0.92992	-1.07536	0.734279	1.03298	1.03298	0.0314878	1.2716	1.2716	0.207902	1.13482	1.13482	0.798987	1.0246	1.0246	0.314808	0.905736	-1.10407	0.0230099	1.29561	1.29561	2.19212	0.314987	0.127725	1
cg02698013	CACNA1B	0.141382	0.105334	1.46225	1.46225	0.277446	1.27449	1.27449	0.598131	0.892062	-1.121	0.816477	0.951305	-1.05119	0.933764	1.01801	1.01801	0.548567	0.877786	-1.13923	0.231596	1.30922	1.30922	0.0084939	2.05723	2.05723	0.190729	1.34652	1.34652	2.1921	1.60091	0.649163	1
cg07467861	TUBB	0.141382	0.356596	1.5408	1.5408	0.414916	1.46222	1.46222	0.408969	1.46967	1.46967	0.256769	0.582943	-1.71543	0.0664381	0.391217	-2.55612	0.848505	1.09111	1.09111	0.136123	0.480845	-2.07967	0.0570745	2.66864	2.66864	0.234171	0.56631	-1.76582	2.1921	7.217	2.92647	1
cg08574346	ZNF527	0.141383	0.903481	0.946305	-1.05674	0.324163	1.5892	1.5892	0.161538	1.97414	1.97414	0.77806	0.87937	-1.13718	0.0190532	0.274961	-3.63688	0.510554	1.35476	1.35476	0.879304	1.07158	1.07158	0.652973	1.22864	1.22864	0.0496242	2.77027	2.77027	2.1921	7.18551	2.9137	1
cg07971745	ASAP3;ASAP3	0.141383	0.220602	0.663931	-1.50618	0.321539	1.38502	1.38502	0.113987	0.578767	-1.72781	0.278204	0.698641	-1.43135	0.0246658	0.427044	-2.34168	0.167748	0.626491	-1.59619	0.228992	1.49407	1.49407	0.702463	0.885088	-1.12983	0.17477	0.631884	-1.58257	2.1921	3.51177	1.42401	1
cg00848245	XPO6	0.141385	0.832145	1.08863	1.08863	0.981436	0.990734	-1.00935	0.00620912	0.239924	-4.16798	0.686514	1.17624	1.17624	0.779437	1.11888	1.11888	0.380401	1.43329	1.43329	0.207735	0.587746	-1.70141	0.151352	0.540593	-1.84982	0.79345	0.90034	-1.11069	2.19208	5.55701	2.25337	1
cg13226839	LYRM4;LYRM4	0.141388	0.33381	0.731429	-1.36719	0.339988	0.734521	-1.36143	0.77396	0.913616	-1.09455	0.129282	1.67238	1.67238	0.120022	0.589101	-1.6975	0.203052	0.656012	-1.52436	0.151024	1.6206	1.6206	0.062462	1.93065	1.93065	0.460547	1.26582	1.26582	2.19206	3.41739	1.38577	1
cg26941073	CUL5	0.141389	0.654192	1.09351	1.09351	0.209074	0.769118	-1.30019	0.148027	0.73516	-1.36025	0.296067	0.806693	-1.23963	0.113135	1.40754	1.40754	0.426729	1.17456	1.17456	0.42101	1.17701	1.17701	0.0321955	0.60812	-1.64441	0.26457	0.794104	-1.25928	2.19205	1.36465	0.553373	1
cg03411644	OSBPL10	0.141392	0.193227	1.36642	1.36642	0.985487	0.995884	-1.00413	0.446898	0.838799	-1.19218	0.0650802	0.62522	-1.59944	0.692494	0.913813	-1.09432	0.777149	0.937684	-1.06646	0.0182875	1.91441	1.91441	0.219268	1.34036	1.34036	0.809369	1.05633	1.05633	2.19203	1.78495	0.723815	1
cg22396161	ATP7A	0.141392	0.318527	0.677593	-1.47581	0.914163	1.04155	1.04155	0.94295	1.02739	1.02739	0.943532	0.973612	-1.0271	0.0362911	0.398936	-2.50667	0.282009	1.52512	1.52512	0.814422	0.915057	-1.09283	0.0208394	2.85778	2.85778	0.432287	0.738927	-1.35331	2.19203	4.94802	2.00647	1
cg08576598	WNT2;WNT2	0.141393	0.379998	1.47945	1.47945	0.0608951	2.50634	2.50634	0.37586	1.48478	1.48478	0.500002	1.34685	1.34685	0.946017	0.970979	-1.02989	0.615287	0.802215	-1.24655	0.501523	0.743278	-1.34539	0.00762343	4.44657	4.44657	0.341682	1.5313	1.5313	2.19202	6.56698	2.66298	1
cg14341131	KCNT1	0.141395	0.13152	0.310423	-3.22141	0.308762	0.469113	-2.13168	0.250345	0.42185	-2.37051	0.290304	0.454497	-2.20023	0.0289711	0.157249	-6.35933	0.0765525	0.242797	-4.11867	0.0185604	0.128588	-7.77678	0.0867762	0.256878	-3.8929	0.484161	0.599976	-1.66673	2.19201	17.9237	7.26831	1
cg10364301	NHEDC1;NHEDC1	0.141399	0.0604402	0.555539	-1.80005	0.414599	0.793319	-1.26053	0.117604	0.623847	-1.60296	0.57152	1.17204	1.17204	0.0279052	0.486125	-2.05708	0.483063	0.820449	-1.21884	0.0691301	0.568585	-1.75875	0.150588	0.651978	-1.53379	0.0800183	0.583182	-1.71473	2.19198	2.67586	1.08511	1
cg03642695	TEKT3	0.141406	0.0309035	0.725644	-1.37809	0.464739	1.09873	1.09873	0.122639	0.809219	-1.23576	0.189186	0.838609	-1.19245	0.0865373	0.786955	-1.27072	0.69655	1.05084	1.05084	0.968617	0.995034	-1.00499	0.667406	0.946765	-1.05623	0.0381256	0.737754	-1.35546	2.19193	0.555903	0.225434	1
cg17841782	FGGY;FGGY	0.141407	0.114532	1.33626	1.33626	0.228158	0.807651	-1.23816	0.176435	0.784501	-1.27469	0.147894	1.29976	1.29976	0.571421	0.907927	-1.10141	0.0980543	1.35864	1.35864	0.226046	0.806787	-1.23948	0.149589	1.29814	1.29814	0.668259	0.929779	-1.07552	2.19192	0.990162	0.40154	1
cg02477931	NTM	0.141407	0.455679	1.77358	1.77358	0.0307326	0.147511	-6.77914	0.448217	0.558281	-1.79121	0.664781	1.3893	1.3893	0.292637	0.438949	-2.27817	0.299259	2.25093	2.25093	0.22019	2.64366	2.64366	0.0675933	4.68452	4.68452	0.348378	2.07114	2.07114	2.19192	19.7444	8.00694	1
cg02190597	FAM38A	0.141412	0.539903	1.32875	1.32875	0.623726	1.25417	1.25417	0.0758307	0.404521	-2.47206	0.643559	1.23792	1.23792	0.0382557	0.332903	-3.00388	0.744165	1.16182	1.16182	0.026993	0.301344	-3.31847	0.976911	0.986832	-1.01334	0.256996	0.581659	-1.71922	2.19188	7.28292	2.95349	1
cg06833902	DUSP21	0.141413	0.559522	0.697206	-1.4343	0.322062	1.86868	1.86868	0.310877	0.526845	-1.89809	0.108719	0.343255	-2.91329	0.010815	0.141348	-7.07475	0.1392	0.378034	-2.64526	0.210689	0.446594	-2.23917	0.604966	1.37567	1.37567	0.48595	0.64874	-1.54145	2.19188	12.9683	5.25913	1
cg03072616	UPF1	0.141414	0.997828	1.00179	1.00179	0.0154089	7.03023	7.03023	0.0680995	3.81966	3.81966	0.758122	1.22461	1.22461	0.112668	0.322145	-3.10419	0.585457	0.696777	-1.43518	0.771485	1.2105	1.2105	0.396121	1.76833	1.76833	0.347928	1.88501	1.88501	2.19187	14.9376	6.05776	1
cg17773654	KDM4B	0.141415	0.208934	1.45228	1.45228	0.0737289	1.75347	1.75347	0.474779	0.814841	-1.22723	0.149367	0.646926	-1.54577	0.0676328	0.56172	-1.78025	0.384668	1.28543	1.28543	0.276262	0.726845	-1.37581	0.208977	1.45222	1.45222	0.923011	0.973136	-1.02761	2.19186	2.755	1.11727	1
cg14254433	PACSIN1	0.141417	0.715908	1.19063	1.19063	0.907552	1.05702	1.05702	0.0733577	2.59389	2.59389	0.272727	1.72453	1.72453	0.96927	0.981778	-1.01856	0.538536	0.742844	-1.34618	0.0140406	0.235116	-4.25323	0.380452	1.53645	1.53645	0.324489	1.62536	1.62536	2.19185	7.91098	3.20825	1
cg00217461	FAM36A	0.141418	0.0149005	0.646544	-1.54669	0.32785	0.863211	-1.15847	0.208623	1.21294	1.21294	0.674589	1.06343	1.06343	0.228293	0.831801	-1.20221	0.649935	0.935622	-1.06881	0.491522	0.90325	-1.10711	0.0684085	0.742945	-1.346	0.547465	1.09271	1.09271	2.19184	0.736311	0.298607	1
cg22167660	HIPK4	0.141419	0.932256	1.04	1.04	0.11631	2.19736	2.19736	0.113223	2.21477	2.21477	0.397208	0.670385	-1.49168	0.0181454	0.266214	-3.75638	0.32648	0.62668	-1.59571	0.734356	1.17014	1.17014	0.413152	0.679806	-1.47101	0.630364	0.79958	-1.25066	2.19184	7.38701	2.99577	1
cg00566949	KBTBD2	0.14142	0.541275	0.697023	-1.43467	0.040098	0.250452	-3.99278	0.0837722	0.327292	-3.05538	0.99417	0.995744	-1.00427	0.333597	0.558734	-1.78976	0.582758	0.723382	-1.3824	0.208744	0.461438	-2.16714	0.0403696	3.98302	3.98302	0.962434	0.972885	-1.02787	2.19183	11.825	4.79562	1
cg12163925	VSTM2L	0.141421	0.875993	0.944775	-1.05845	0.0258116	2.61918	2.61918	0.118701	1.85171	1.85171	0.0490472	2.26462	2.26462	0.779342	0.902869	-1.10758	0.566718	1.23449	1.23449	0.12737	0.548961	-1.82162	0.438883	1.33271	1.33271	0.695572	1.1538	1.1538	2.19182	4.59374	1.86299	1
cg24045566	SAE1;SAE1;SAE1;SAE1	0.141424	0.98624	0.997381	-1.00263	0.986552	0.99744	-1.00257	0.620217	0.926841	-1.07893	0.37213	1.14954	1.14954	0.116711	1.29592	1.29592	0.615812	0.925939	-1.07999	0.0241864	0.664476	-1.50495	0.199566	1.22891	1.22891	0.0851002	1.33582	1.33582	2.1918	0.802936	0.325633	1
cg19091981	HSP90AB1	0.141426	0.092548	0.473351	-2.1126	0.0768637	0.451611	-2.2143	0.753976	0.880712	-1.13545	0.34465	0.67484	-1.48183	0.0471761	0.399467	-2.50334	0.50772	0.762223	-1.31195	0.0173716	0.310262	-3.22308	0.322379	0.66165	-1.51137	0.0671807	0.436544	-2.29072	2.19178	5.66664	2.29814	1
cg25246158	CSNK1G2	0.141429	0.139227	0.761827	-1.31263	0.525515	0.895862	-1.11624	0.0127257	1.69755	1.69755	0.929637	0.985017	-1.01521	0.485444	1.12881	1.12881	0.199026	1.2611	1.2611	0.72496	1.06224	1.06224	0.609237	1.09213	1.09213	0.108814	1.34845	1.34845	2.19176	1.01429	0.411354	1
cg03463818	TMEM67;TMEM67;TMEM67	0.141438	0.50855	0.678432	-1.47399	0.0861903	0.333968	-2.9943	0.0358818	0.243604	-4.10502	0.990383	0.993052	-1.007	0.51533	0.68276	-1.46464	0.280053	0.52226	-1.91475	0.0264367	0.218166	-4.58366	0.0318269	0.233302	-4.28629	0.305309	0.541148	-1.84792	2.19169	11.6162	4.71119	1
cg00611192	ZNF692;ZNF692	0.141441	0.0315185	0.219314	-4.55968	0.230709	0.469343	-2.13064	0.525485	0.679049	-1.47265	0.556599	0.699269	-1.43006	0.0331767	0.223572	-4.47284	0.157772	0.403061	-2.48102	0.0425836	0.245461	-4.07397	0.0689038	0.293845	-3.40315	0.16872	0.413841	-2.41639	2.19167	12.5633	5.09535	1
cg15459871	LOC168474	0.141442	0.149052	0.360447	-2.77433	0.186663	0.397275	-2.51715	0.414595	1.73318	1.73318	0.0789145	0.276202	-3.62054	0.0470054	0.223306	-4.47816	0.561009	0.678656	-1.4735	0.0356822	0.199457	-5.01361	0.420737	0.58133	-1.72019	0.0769488	0.273345	-3.65838	2.19167	15.0952	6.12226	1
cg26967868	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.141445	0.655527	1.11999	1.11999	0.170748	1.44504	1.44504	0.933623	0.979196	-1.02125	0.946711	0.983272	-1.01701	0.0105744	0.444156	-2.25146	0.0596935	0.584909	-1.70967	0.552105	0.859147	-1.16395	0.800639	0.938137	-1.06594	0.470026	0.8307	-1.2038	2.19164	2.21086	0.896684	1
cg04254540	KIAA0174	0.141445	0.73586	1.11937	1.11937	0.0747879	1.93665	1.93665	0.0894308	1.86578	1.86578	0.0412018	2.1911	2.1911	0.108093	0.557736	-1.79296	0.413204	1.32129	1.32129	0.699491	0.878816	-1.1379	0.880773	1.05126	1.05126	0.158587	1.65187	1.65187	2.19164	3.85006	1.56151	1
cg10048349	CRYAB;HSPB2	0.141447	0.521911	0.714259	-1.40005	0.10673	2.49191	2.49191	0.70523	1.21777	1.21777	0.684788	1.23563	1.23563	0.505254	0.704348	-1.41975	0.0724315	2.82707	2.82707	0.0190994	4.35159	4.35159	0.435546	0.662039	-1.51048	0.161968	2.16877	2.16877	2.19163	9.32932	3.78382	1
cg11312509	COL5A3	0.141447	0.140764	0.619572	-1.61402	0.340218	0.743049	-1.34581	0.0656644	0.535708	-1.86669	0.0307607	0.464579	-2.15249	0.240399	0.689769	-1.44976	0.94348	0.978804	-1.02165	0.0932196	1.7471	1.7471	0.770492	0.915404	-1.09241	0.876538	1.0481	1.0481	2.19163	3.16906	1.28532	1
cg15248353	DYRK1A	0.141452	?	?	?	0.217941	0.513499	-1.94742	0.647391	0.794519	-1.25862	0.503188	1.40652	1.40652	0.114212	2.46993	2.46993	?	?	?	0.152355	2.22167	2.22167	0.134754	0.430278	-2.32408	0.0944645	0.377392	-2.64976	2.75098	7.68952	1.99657	1
cg26784012	ARHGAP12	0.141453	0.12013	0.581363	-1.72009	0.342706	0.730176	-1.36953	0.342246	0.729944	-1.36997	0.132083	0.592826	-1.68684	0.0289296	0.436698	-2.28991	0.868254	0.947995	-1.05486	0.0497118	0.486676	-2.05476	0.0221188	0.413677	-2.41734	0.500675	0.802606	-1.24594	2.19159	3.59197	1.45687	1
cg16529440	EEA1	0.141462	0.857108	0.9662	-1.03498	0.47611	1.14824	1.14824	0.625504	0.91043	-1.09838	0.0298436	0.614079	-1.62845	0.0488537	0.651067	-1.53594	0.0374085	0.630793	-1.58531	0.778248	1.05534	1.05534	0.522012	1.13179	1.13179	0.893538	1.02587	1.02587	2.19152	1.26323	0.512372	1
cg24939194	LFNG;LFNG;LFNG;LFNG	0.141463	0.924177	0.965485	-1.03575	0.0113097	0.310234	-3.22337	0.270663	0.654962	-1.52681	0.796256	0.908945	-1.10018	0.367563	0.71069	-1.40708	0.837578	1.07868	1.07868	0.0496809	0.437727	-2.28453	0.0676062	0.469774	-2.12868	0.805216	1.09545	1.09545	2.19151	4.72544	1.91667	1
cg00629244	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.141464	0.844493	0.943194	-1.06023	0.216035	0.678598	-1.47363	0.983153	0.993732	-1.00631	0.0393013	0.491579	-2.03426	0.569602	1.18666	1.18666	0.208172	0.673563	-1.48464	0.848851	0.944764	-1.05847	0.109021	1.68282	1.68282	0.0384345	0.489553	-2.04268	2.19151	3.07812	1.24851	1
cg09893465	INPP5A	0.141465	0.45133	1.53364	1.53364	0.0278825	4.25474	4.25474	0.445956	0.648603	-1.54177	0.333954	1.7425	1.7425	0.0735512	0.328993	-3.03958	0.849884	1.11136	1.11136	0.245832	1.96673	1.96673	0.0843127	2.89835	2.89835	0.8753	1.09146	1.09146	2.1915	10.778	4.37163	1
cg14508615	CCDC76;SASS6;SASS6	0.141466	0.631055	0.942427	-1.06109	0.083513	0.790768	-1.26459	0.905939	1.01459	1.01459	0.469021	1.09448	1.09448	0.419889	1.10627	1.10627	0.117866	1.23134	1.23134	0.53771	1.07947	1.07947	0.057757	1.30073	1.30073	0.0383497	1.34191	1.34191	2.19149	0.521241	0.21142	1
cg21466963	ZNF492	0.141467	0.413395	0.892887	-1.11996	0.468875	1.105	1.105	0.319246	1.14965	1.14965	0.326044	1.14727	1.14727	0.471319	1.10437	1.10437	0.0123452	1.52516	1.52516	0.0980927	0.782044	-1.2787	0.827788	1.02996	1.02996	0.26319	1.17122	1.17122	2.19148	0.637149	0.258434	1
cg07419680	ZNF75D	0.141467	0.0374871	0.225628	-4.43208	0.0176721	0.168666	-5.92888	0.105137	0.33551	-2.98054	0.502842	0.657444	-1.52104	0.0608307	0.271609	-3.68177	0.0883916	0.313636	-3.18841	0.336908	0.542997	-1.84163	0.437698	0.613688	-1.62949	0.297179	0.513448	-1.94762	2.19148	13.2031	5.35533	1
cg02864070	NRIP3	0.141469	0.619505	0.763079	-1.31048	0.11868	2.49659	2.49659	0.611691	1.31857	1.31857	0.635564	1.29418	1.29418	0.00705899	0.152457	-6.55921	0.603511	0.753497	-1.32714	0.423022	0.64272	-1.55589	0.610378	1.31994	1.31994	0.89163	0.929012	-1.07641	2.19147	10.1274	4.10781	1
cg19778776	DYRK3;DYRK3	0.141471	0.921916	0.965648	-1.03557	0.0591166	0.467768	-2.13781	0.705501	0.873401	-1.14495	0.250374	1.53456	1.53456	0.0239459	0.382713	-2.61293	0.321267	0.693951	-1.44102	0.0866065	0.509235	-1.96373	0.101876	0.528131	-1.89347	0.666457	0.856755	-1.16719	2.19146	4.4119	1.78954	1
cg05345286	MDFI	0.141473	0.0634151	0.580605	-1.72234	0.0777243	0.600107	-1.66637	0.936574	0.979484	-1.02095	0.0730852	0.59413	-1.68313	0.0645844	0.582326	-1.71725	0.928157	1.02377	1.02377	0.0370428	0.532228	-1.8789	0.134902	0.657176	-1.52166	0.203932	0.705232	-1.41797	2.19144	2.35459	0.955064	1
cg04759220	JMY	0.141473	0.554112	0.910623	-1.09815	0.0183187	1.56504	1.56504	0.125798	1.29586	1.29586	0.163231	1.26216	1.26216	0.172938	1.2547	1.2547	0.306766	1.18003	1.18003	0.587128	0.917799	-1.08956	0.208628	0.812714	-1.23045	0.85973	1.02806	1.02806	2.19144	0.849532	0.344586	1
cg07472806	SNORD114-10	0.141474	0.158443	0.40731	-2.45513	0.0258338	0.206684	-4.8383	0.240889	0.481214	-2.07808	0.181749	2.3268	2.3268	0.986165	1.01038	1.01038	0.173412	2.37015	2.37015	0.228085	2.12487	2.12487	0.720407	1.23877	1.23877	0.785248	1.17671	1.17671	2.19143	12.3187	4.99671	1
cg07017114	HLA-H	0.141476	0.0931461	8.30225	8.30225	0.731302	1.48437	1.48437	0.198892	4.73793	4.73793	0.134582	6.35109	6.35109	0.0427358	14.4807	14.4807	0.50516	0.460779	-2.17024	0.71616	1.51956	1.51956	0.0293573	18.9288	18.9288	0.0849453	8.87141	8.87141	2.19142	45.5719	18.485	1
cg11943753	ANAPC7;ANAPC7	0.141478	0.0204033	0.392067	-2.55058	0.27854	0.685582	-1.45862	0.383689	0.741363	-1.34887	0.676257	0.868753	-1.15107	0.023853	0.405205	-2.46788	0.527869	0.807124	-1.23897	0.184107	0.623724	-1.60327	0.457707	1.28835	1.28835	0.107781	0.555456	-1.80032	2.19141	3.89568	1.58019	1
cg21417675	LOC286016;TNPO3;TNPO3	0.141483	0.182396	0.750797	-1.33192	0.0402192	1.61617	1.61617	0.066235	1.51784	1.51784	0.817532	0.954271	-1.04792	0.859141	1.03663	1.03663	0.732646	1.07192	1.07192	0.15484	1.36122	1.36122	0.692164	1.08393	1.08393	0.0453038	1.59215	1.59215	2.19137	1.42368	0.57749	1
cg10776186	NUPL1;NUPL1	0.141485	0.040007	0.220234	-4.54062	0.975575	0.980672	-1.01971	0.0888306	0.302261	-3.3084	0.738943	0.807993	-1.23763	0.0111732	0.131714	-7.59223	0.249201	0.464054	-2.15492	0.760239	1.21545	1.21545	0.722555	0.796716	-1.25515	0.245376	0.460906	-2.16964	2.19135	14.1035	5.72089	1
cg06568454	TCF25	0.141492	0.150446	1.31849	1.31849	0.157103	1.31185	1.31185	0.593067	1.1016	1.1016	0.761325	0.946818	-1.05617	0.0108014	1.77602	1.77602	0.424599	0.863918	-1.15752	0.408971	0.859426	-1.16357	0.8433	1.03614	1.03614	0.152604	1.3163	1.3163	2.19131	1.11678	0.453013	1
cg08561825	SLC22A11	0.141493	0.550142	1.08589	1.08589	0.0162331	0.669887	-1.49279	0.164499	1.224	1.224	0.071655	0.760249	-1.31536	0.665614	1.06105	1.06105	0.38871	1.12794	1.12794	0.74437	1.0456	1.0456	0.691335	1.05589	1.05589	0.661848	1.06181	1.06181	2.1913	0.644598	0.261478	1
cg18129105	NOL11	0.141493	0.6852	1.04758	1.04758	0.301103	0.884981	-1.12997	0.940939	0.991585	-1.00849	0.454792	0.916837	-1.09071	0.022246	1.36684	1.36684	0.317124	0.888752	-1.12517	0.158299	0.841977	-1.18768	0.149989	0.838617	-1.19244	0.218653	1.15899	1.15899	2.1913	0.451373	0.183097	1
cg02009601	C8orf83	0.141497	0.842109	1.09498	1.09498	0.482017	1.38419	1.38419	0.038665	2.9729	2.9729	0.494548	1.37107	1.37107	0.0135254	0.248915	-4.01744	0.719896	1.17802	1.17802	0.765849	1.14554	1.14554	0.429423	1.44338	1.44338	0.954068	0.974134	-1.02655	2.19127	7.18381	2.91412	1
cg16328106	C2orf74	0.141499	0.102551	17.0443	17.0443	0.377116	4.07455	4.07455	?	?	?	?	?	?	0.637112	0.481129	-2.07844	0.0301051	0.0155532	-64.2954	0.366151	0.236989	-4.2196	0.473562	0.324265	-3.0839	0.342287	4.56692	4.56692	2.50722	69.3643	23.7136	1
cg00006815	IL1RAPL2	0.141503	0.182667	0.436566	-2.29061	0.374697	0.586253	-1.70575	0.855028	0.898355	-1.11315	0.013974	5.92452	5.92452	0.219807	0.469453	-2.13014	0.198018	0.450516	-2.21968	0.447892	1.57353	1.57353	0.756808	1.19968	1.19968	0.535295	1.44477	1.44477	2.19122	11.9204	4.83562	1
cg18875839	KIF13B	0.141505	0.888123	1.02511	1.02511	0.545986	0.897936	-1.11367	0.573285	1.10547	1.10547	0.0322788	0.642936	-1.55537	0.743728	1.0595	1.0595	0.0960598	0.724693	-1.37989	0.30703	0.83002	-1.20479	0.934714	0.985669	-1.01454	0.0418263	1.51181	1.51181	2.19121	1.07722	0.436987	1
cg01541814	RNF135;RNF135	0.141507	0.332947	2.25343	2.25343	0.0279241	8.27369	8.27369	0.182035	3.16534	3.16534	0.273202	0.395488	-2.52852	0.359754	0.46488	-2.15109	0.409148	0.503228	-1.98717	0.0677086	5.28494	5.28494	0.982256	0.982072	-1.01826	0.258904	2.60697	2.60697	2.19119	22.9648	9.31601	1
cg21139003	LTBP1	0.141508	0.10104	2.22753	2.22753	0.037479	2.93481	2.93481	0.394856	1.47498	1.47498	0.205169	1.81513	1.81513	0.912082	1.05049	1.05049	0.0432273	2.82101	2.82101	0.110918	2.16964	2.16964	0.0912355	2.29233	2.29233	0.0456232	2.77918	2.77918	2.19118	6.9024	2.80007	1
cg07048527	HOXB9	0.14151	0.979174	0.986474	-1.01371	0.938438	1.04112	1.04112	0.528406	1.39545	1.39545	0.0161263	4.64532	4.64532	0.260168	0.541867	-1.84547	0.133145	0.429454	-2.32854	0.727148	0.832978	-1.20051	0.118503	2.42086	2.42086	0.293445	1.7657	1.7657	2.19117	9.44501	3.83154	1
cg10015802	DOHH;DOHH	0.141515	0.117077	0.551157	-1.81437	0.854235	1.06647	1.06647	0.0575684	0.471662	-2.12016	0.33193	1.41946	1.41946	0.0541417	0.465412	-2.14864	0.0415275	0.439344	-2.27612	0.264054	0.665388	-1.50288	0.826273	1.07996	1.07996	0.30347	0.688686	-1.45204	2.19113	4.24948	1.72391	1
cg20616919	POMGNT1;POMGNT1	0.141516	0.17375	1.7348	1.7348	0.0309882	0.303232	-3.29781	0.0692917	2.36439	2.36439	0.323649	1.44109	1.44109	0.992673	1.0031	1.0031	0.43809	0.758325	-1.3187	0.528032	1.24694	1.24694	0.591389	1.20414	1.20414	0.463131	1.29712	1.29712	3.97915	5.73505	0.480425	1
cg22990198	STMN3	0.141517	0.121172	0.653829	-1.52945	0.914997	0.973365	-1.02736	0.392907	1.24769	1.24769	0.532958	0.852422	-1.17313	0.303122	0.763611	-1.30957	0.5975	1.14422	1.14422	0.0162689	0.475706	-2.10214	0.109468	0.643235	-1.55464	0.0797197	0.611581	-1.63511	2.19112	2.21856	0.900021	1
cg09908372	JAKMIP3	0.141521	0.131271	0.665111	-1.50351	0.474232	0.833469	-1.1998	0.109216	0.645868	-1.5483	0.621968	1.13246	1.13246	0.807844	1.06289	1.06289	0.416848	1.23082	1.23082	0.0183544	0.488571	-2.04679	0.378117	0.797445	-1.254	0.0638486	0.593688	-1.68439	2.19109	2.174	0.881954	1
cg06421197	CASP1;CASP1;CASP1;CASP1;CASP1	0.141521	0.440122	0.878255	-1.13862	0.339107	0.850044	-1.17641	0.0459224	0.685747	-1.45826	0.66833	0.931398	-1.07365	0.24187	0.81711	-1.22383	0.655722	1.0768	1.0768	0.0225697	0.637416	-1.56884	0.33919	1.17637	1.17637	0.071271	0.717349	-1.39402	2.19109	0.943491	0.382758	1
cg03944810	KLF7	0.141522	0.677429	0.904255	-1.10588	0.0144948	2.0641	2.0641	0.295062	0.770083	-1.29856	0.512233	1.17341	1.17341	0.740124	1.08338	1.08338	0.0414202	1.76096	1.76096	0.801686	1.06242	1.06242	0.249765	1.33561	1.33561	0.187329	1.39964	1.39964	2.19109	2.00868	0.814891	1
cg22224597	CTPS	0.141523	0.454313	1.6131	1.6131	0.227722	2.21304	2.21304	0.749744	1.22234	1.22234	0.190015	2.38876	2.38876	0.124175	0.351879	-2.84189	0.875202	1.10363	1.10363	0.0510248	4.03206	4.03206	0.0891028	3.24226	3.24226	0.0440167	4.27092	4.27092	2.19107	13.6578	5.54077	1
cg08450897	RNF5P1;RNF5;AGPAT1	0.141525	0.227274	0.791518	-1.26339	0.165236	1.31393	1.31393	0.270444	1.23572	1.23572	0.0266492	1.62341	1.62341	0.290289	1.22438	1.22438	0.04911	1.51334	1.51334	0.426982	0.861048	-1.16137	0.849142	0.965485	-1.03575	0.920476	1.01859	1.01859	2.19106	1.18063	0.47897	1
cg02121996	ARHGEF10	0.141525	0.380147	1.22583	1.22583	0.264234	0.768586	-1.30109	0.569663	1.13879	1.13879	0.142412	1.42853	1.42853	0.515046	1.16103	1.16103	0.900346	1.02874	1.02874	0.00765022	2.17155	2.17155	0.190272	1.36853	1.36853	0.188028	1.37097	1.37097	2.19106	1.77521	0.720182	1
cg10162747	WASH3P	0.141526	0.29877	0.780432	-1.28134	0.501205	0.854583	-1.17016	0.438492	0.833686	-1.19949	0.948728	0.985306	-1.01491	0.0538194	0.604136	-1.65526	0.130019	0.686292	-1.45711	0.848814	1.04491	1.04491	0.0225244	1.87565	1.87565	0.823689	1.05271	1.05271	2.19105	1.83865	0.745925	1
cg10119288	ZCCHC14	0.141527	0.989838	0.99364	-1.0064	0.0147211	0.222215	-4.50015	0.0585281	0.342749	-2.91759	0.656661	1.25125	1.25125	0.401808	0.650574	-1.5371	0.882718	1.07676	1.07676	0.0588605	0.343353	-2.91245	0.430541	0.668247	-1.49645	0.15088	0.46243	-2.16249	2.19104	8.71	3.53358	1
cg14793544	ABCF1;ABCF1	0.141529	0.610232	0.88903	-1.12482	0.86693	1.03912	1.03912	0.180832	1.38416	1.38416	0.338173	1.25345	1.25345	0.552247	1.1475	1.1475	0.0529644	1.65401	1.65401	0.10951	1.49068	1.49068	0.0937335	1.52456	1.52456	0.014627	1.98944	1.98944	2.19103	1.8166	0.736986	1
cg05848320	TIMELESS	0.14153	0.0233558	0.347441	-2.87819	0.186039	1.72809	1.72809	0.336223	0.679182	-1.47236	0.116905	0.514493	-1.94366	0.21696	1.66004	1.66004	0.688518	1.17025	1.17025	0.793419	0.902674	-1.10782	0.158402	0.555287	-1.80087	0.774291	1.11871	1.11871	2.19103	5.28219	2.14296	1
cg08356083	NSMCE1	0.141532	0.0604127	1.85375	1.85375	0.639683	0.871595	-1.14732	0.34505	0.753168	-1.32773	0.301258	1.36641	1.36641	0.398959	1.28621	1.28621	0.287299	1.37993	1.37993	0.0348471	0.488284	-2.04799	0.163289	1.54296	1.54296	0.888694	0.960005	-1.04166	2.19101	2.94808	1.19603	1
cg24789487	FAM171B;FAM171B	0.141536	0.792441	0.9106	-1.09818	0.0560853	2.15625	2.15625	0.434594	1.32726	1.32726	0.686504	0.865814	-1.15498	0.788969	1.09995	1.09995	0.309808	0.688515	-1.4524	0.0471265	0.446306	-2.24062	0.0723947	0.49068	-2.03799	0.34586	1.41163	1.41163	2.19098	4.37589	1.77532	1
cg08828664	PFN2;PFN2	0.141538	0.248735	1.91843	1.91843	0.144442	2.33296	2.33296	0.0213729	4.45652	4.45652	0.794875	0.868671	-1.15118	0.184367	2.14012	2.14012	0.444667	0.656353	-1.52357	?	?	?	0.21217	0.491578	-2.03426	0.768219	0.852404	-1.17315	2.20949	9.08276	4.11079	1
cg16410816	C22orf42	0.141538	0.906699	0.979098	-1.02135	0.494457	0.8825	-1.13314	0.0655793	0.689147	-1.45107	0.521559	1.12417	1.12417	0.558663	0.898929	-1.11243	0.830929	0.962212	-1.03927	0.179505	1.29286	1.29286	0.0108208	0.561777	-1.78007	0.88662	1.02604	1.02604	2.19097	1.12628	0.45694	1
cg14552839	NAA16;NAA16;NAA16	0.141539	0.0237916	0.477921	-2.0924	0.517474	0.835625	-1.19671	?	?	?	0.679803	0.89264	-1.12027	0.0582374	0.55671	-1.79627	0.514742	0.834618	-1.19815	0.0275425	0.490076	-2.0405	0.249217	0.719234	-1.39037	0.914947	1.02967	1.02967	2.20949	2.32934	1.05424	1
cg25689730	SNX14;SNX14;SNX14;SNX14	0.141542	0.155304	1.68918	1.68918	0.253627	0.662983	-1.50833	0.449333	1.30445	1.30445	0.601411	1.19926	1.19926	0.493679	1.27078	1.27078	0.0232886	0.392683	-2.54658	0.160606	0.596486	-1.67648	0.159066	0.595195	-1.68012	0.655914	1.16719	1.16719	2.19093	4.12407	1.67319	1
cg05561555	LOC116437	0.141543	0.721203	1.08776	1.08776	0.296262	1.2911	1.2911	0.0871589	1.56837	1.56837	0.841842	0.954201	-1.048	0.812461	0.945751	-1.05736	0.77884	1.06831	1.06831	0.00754391	2.3167	2.3167	0.103485	1.5275	1.5275	0.819185	0.947686	-1.0552	2.30742	1.9691	0.663738	1
cg15685943	TSPAN2	0.141545	0.290883	1.31014	1.31014	0.546111	1.16248	1.16248	0.416432	0.814896	-1.22715	0.37116	1.25398	1.25398	0.0992129	0.640543	-1.56117	0.16809	0.696251	-1.43626	0.0167966	0.487147	-2.05277	0.512494	1.17788	1.17788	0.775524	0.931962	-1.07301	2.19092	2.10776	0.855151	1
cg13440641	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.141545	0.369259	0.878697	-1.13805	0.0639048	0.746728	-1.33918	0.999338	1.00012	1.00012	0.0418706	0.719724	-1.38942	0.823974	1.03174	1.03174	0.716136	1.05255	1.05255	0.0142242	0.654355	-1.52822	0.966706	1.00587	1.00587	0.384128	0.88237	-1.13331	2.19091	0.682398	0.27686	1
cg22301154	COX19	0.141546	0.368036	1.25904	1.25904	0.0164783	2.07509	2.07509	0.0386658	1.81593	1.81593	0.751721	1.08228	1.08228	0.864609	1.04343	1.04343	0.107754	1.54844	1.54844	0.0414241	1.79666	1.79666	0.713512	1.09622	1.09622	0.594526	1.14321	1.14321	2.19091	2.15361	0.873755	1
cg16103275	DUSP22	0.141546	0.0591076	0.322351	-3.10221	0.114172	0.401372	-2.49146	0.0439913	0.292421	-3.41973	0.332406	0.587904	-1.70096	0.0681996	0.337961	-2.95892	0.403487	1.57482	1.57482	0.0855904	0.364422	-2.74407	0.146359	0.436802	-2.28937	0.337104	0.591121	-1.6917	2.19091	9.79223	3.97288	1
cg24884140	B9D1	0.14155	0.116835	0.383657	-2.6065	0.0859965	2.90609	2.90609	0.114712	2.62365	2.62365	0.809213	0.872832	-1.1457	0.976855	0.983819	-1.01645	0.687864	1.25495	1.25495	0.0380668	0.25872	-3.86518	0.30256	1.82307	1.82307	0.763685	0.844051	-1.18476	2.19088	10.9709	4.45115	1
cg27038472	SFRS14	0.14155	0.0809425	0.443926	-2.25263	0.131504	1.98031	1.98031	0.638315	1.2198	1.2198	0.673682	0.837162	-1.19451	0.0175912	0.297533	-3.36097	0.860751	0.928966	-1.07647	0.210932	0.575139	-1.73871	0.544026	0.772818	-1.29397	0.203906	0.569666	-1.75541	2.19088	6.11067	2.47924	1
cg08128228	POU2F1	0.141551	0.558643	0.924897	-1.0812	0.426028	1.11326	1.11326	0.190427	1.20085	1.20085	0.746757	1.0437	1.0437	0.161258	0.820786	-1.21834	0.380662	0.888073	-1.12603	0.0182577	1.45964	1.45964	0.164759	1.21609	1.21609	0.219279	1.18593	1.18593	2.19087	0.604606	0.245303	1
cg18823302	CDK9	0.141551	0.256617	0.62283	-1.60558	0.0374301	2.62657	2.62657	0.0776004	2.19104	2.19104	0.206748	0.58715	-1.70314	0.139627	0.529595	-1.88824	0.392425	0.704439	-1.41957	0.705448	1.16398	1.16398	0.719128	0.865533	-1.15536	0.574851	0.79722	-1.25436	2.19087	5.54841	2.25112	1
cg01251714	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.141552	0.346487	0.879391	-1.13715	0.032272	1.39431	1.39431	0.438732	1.11039	1.11039	0.446556	0.902256	-1.10833	0.401826	0.892475	-1.12048	0.0499828	1.34493	1.34493	0.0134616	0.817108	-1.22383	0.741689	0.957095	-1.04483	0.765798	0.961171	-1.0404	2.19087	0.609862	0.247436	1
cg10826257	ZNF408	0.141559	0.392277	1.74581	1.74581	0.188091	2.42727	2.42727	0.231719	0.45046	-2.21995	0.725675	0.799336	-1.25104	0.0837711	0.296215	-3.37592	0.529477	0.666973	-1.49931	0.0154898	0.151365	-6.60655	0.728487	0.801264	-1.24803	0.232612	0.451213	-2.21625	2.19082	14.0254	5.69056	1
cg17916407	KLHDC2	0.141559	0.992452	0.995896	-1.00412	0.148429	0.509759	-1.96171	0.934227	1.03653	1.03653	0.618639	1.24377	1.24377	0.957238	1.02358	1.02358	0.242631	1.70157	1.70157	0.00564038	0.206152	-4.85078	0.810994	0.901095	-1.10976	0.902572	0.948157	-1.05468	2.19081	6.55666	2.66026	1
cg14494090	KNDC1	0.141562	0.999483	1.00012	1.00012	0.199823	1.28384	1.28384	0.3758	1.18255	1.18255	0.462795	1.14783	1.14783	0.759059	1.05839	1.05839	0.650469	1.08779	1.08779	0.0091555	0.543027	-1.84153	0.312091	0.824562	-1.21277	0.280135	0.812931	-1.23012	2.19079	1.18077	0.479085	1
cg14304690	WIBG;WIBG;WIBG	0.141565	0.886392	1.03255	1.03255	0.322387	1.25736	1.25736	0.787049	1.06254	1.06254	0.259648	1.30141	1.30141	0.830704	0.953165	-1.04914	0.443244	0.839341	-1.19141	0.0110279	0.489518	-2.04283	0.0846689	0.652308	-1.53302	0.65685	1.10536	1.10536	2.19077	1.74155	0.70662	1
cg14222879	NCOA2	0.141566	0.194841	0.676352	-1.47852	0.747066	0.911854	-1.09667	0.738414	0.908851	-1.10029	0.249685	1.40925	1.40925	0.0792403	0.573713	-1.74303	0.145818	0.640634	-1.56095	0.5667	0.847774	-1.17956	0.702238	1.11576	1.11576	0.0290417	2.08285	2.08285	2.19077	2.82143	1.14478	1
cg18390495	DEFB132	0.141568	0.524825	0.808158	-1.23738	0.0325275	2.28662	2.28662	0.727016	0.890618	-1.12282	0.0540701	0.485452	-2.05994	0.136062	0.588076	-1.70046	0.0885314	0.537379	-1.86089	0.961661	1.01601	1.01601	0.860674	0.943587	-1.05979	0.939294	0.97514	-1.02549	2.19075	3.79042	1.53795	1
cg15154002	ADRBK2	0.141571	0.529788	0.843621	-1.18537	0.453126	1.22651	1.22651	0.0198223	2.12019	2.12019	0.676226	0.893862	-1.11874	0.279807	0.740702	-1.35007	0.487437	0.82822	-1.20741	0.0477863	0.546281	-1.83056	0.931642	0.977341	-1.02318	0.308653	0.754656	-1.32511	2.19073	2.47634	1.00478	1
cg02726808	OTC;OTC	0.141573	0.0958863	2.20485	2.20485	0.118181	0.480262	-2.0822	0.361181	0.666435	-1.50052	0.129554	0.492608	-2.03001	0.0169719	0.284022	-3.52086	0.899492	1.05615	1.05615	0.833695	0.91311	-1.09516	0.986704	0.992822	-1.00723	0.99883	1.00063	1.00063	2.19071	6.48503	2.63132	1
cg16147063	GTF2A1;GTF2A1	0.141575	0.326214	1.16062	1.16062	0.11828	1.28301	1.28301	0.0294477	1.45766	1.45766	0.0131237	1.57146	1.57146	0.458683	1.11726	1.11726	0.293138	1.17381	1.17381	0.987784	1.00225	1.00225	0.562055	0.917463	-1.08996	0.775882	1.04283	1.04283	2.1907	0.749208	0.303995	1
cg00350478	FRMD1	0.141575	0.862373	0.95839	-1.04342	0.701683	0.910036	-1.09886	0.50149	0.846116	-1.18187	0.262878	0.751327	-1.33098	0.0609991	0.596189	-1.67732	0.207718	1.38457	1.38457	0.020561	1.9805	1.9805	0.398131	0.809043	-1.23603	0.899441	0.969508	-1.03145	2.1907	2.08157	0.84461	1
cg04423188	PRDM16;PRDM16	0.141579	0.524445	1.32106	1.32106	0.00566659	4.79087	4.79087	0.571703	1.27978	1.27978	0.309899	0.635357	-1.57392	0.254937	0.598654	-1.67041	0.6199	1.24088	1.24088	0.688917	1.1897	1.1897	0.887652	0.940807	-1.06292	0.614137	0.802964	-1.24539	2.19067	6.46459	2.62308	1
cg05639203	SRP14	0.14158	0.430956	0.886209	-1.1284	0.523362	0.907376	-1.10208	0.00582697	0.58122	-1.72052	0.108855	0.768898	-1.30056	0.830626	1.03272	1.03272	0.582268	0.9199	-1.08707	0.87813	0.977203	-1.02333	0.637304	0.931117	-1.07398	0.266235	1.19017	1.19017	2.19066	0.783589	0.317952	1
cg16330450	NPBWR1	0.141586	0.0650704	6.40903	6.40903	0.582132	1.64614	1.64614	0.167818	3.73748	3.73748	0.995711	1.00483	1.00483	0.692433	0.700078	-1.42841	0.539623	0.572952	-1.74535	0.880775	1.14409	1.14409	0.00733969	22.1876	22.1876	0.83277	1.20881	1.20881	2.19062	27.9067	11.3237	1
cg04067598	BDP1	0.141589	0.121755	0.592874	-1.6867	0.177433	1.56316	1.56316	0.199598	0.655509	-1.52553	0.240823	0.682027	-1.46622	0.759872	1.10025	1.10025	0.507638	1.23303	1.23303	0.0759908	0.540429	-1.85038	0.051572	0.501293	-1.99484	0.436628	1.28059	1.28059	2.1906	3.36966	1.36732	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20315739	PLA2G4E	0.141592	0.866514	0.878399	-1.13843	0.169505	0.323721	-3.08908	0.0871602	0.233244	-4.28736	0.105076	0.2554	-3.91543	0.559233	0.634368	-1.57637	0.496561	0.587414	-1.70238	0.0115366	0.0876206	-11.4128	0.0928626	0.240511	-4.15782	0.0823955	0.226996	-4.40536	2.19057	20.6065	8.3617	1
cg13471374	RCL1	0.141592	0.117739	2.28604	2.28604	0.186932	1.97552	1.97552	0.0632724	2.76382	2.76382	0.699243	0.827832	-1.20798	0.973174	1.0165	1.0165	0.998076	0.998827	-1.00117	0.0474737	3.01462	3.01462	0.0215984	3.82947	3.82947	0.966459	1.02068	1.02068	2.19057	8.21818	3.33477	1
cg27400746	SPIRE2	0.141596	0.0231146	0.189546	-5.27576	0.311372	0.526602	-1.89897	0.123688	0.360248	-2.77587	0.786156	0.84661	-1.18118	0.676604	1.29285	1.29285	0.457423	0.629164	-1.58941	0.014705	0.159018	-6.28858	0.965954	1.02648	1.02648	0.278454	0.501554	-1.99381	2.19055	13.0076	5.27826	1
cg12765972	ADAD1;ADAD1;ADAD1	0.141597	0.173244	1.34712	1.34712	0.309842	1.24121	1.24121	0.725002	1.07533	1.07533	0.833856	0.95773	-1.04414	0.079683	1.49172	1.49172	0.762245	0.939516	-1.06438	0.0218537	1.76076	1.76076	0.231211	0.772421	-1.29463	0.251001	0.781438	-1.27969	2.19054	1.46681	0.595211	1
cg19244029	KCNAB1;KCNAB1;KCNAB1	0.141606	0.69565	1.17437	1.17437	0.529286	0.770624	-1.29765	0.0658042	0.430002	-2.32557	0.0793291	0.450997	-2.21731	0.03303	0.360916	-2.77072	0.212977	1.70952	1.70952	0.559688	1.27271	1.27271	0.470685	0.740812	-1.34987	0.189572	0.566608	-1.76489	2.19047	5.79837	2.35297	1
cg15296858	PPM1G;PPM1G	0.14161	0.0202321	0.18617	-5.37142	0.399227	0.595627	-1.6789	0.200371	0.443938	-2.25257	0.300923	1.90317	1.90317	0.0600274	0.27979	-3.5741	0.665701	0.770299	-1.2982	0.0771331	0.307301	-3.25414	0.447695	0.628394	-1.59136	0.146344	0.392144	-2.55008	2.19045	12.5047	5.07445	1
cg04634034	AMDHD2;AMDHD2	0.14161	0.20423	0.665658	-1.50227	0.4773	0.802933	-1.24543	0.101622	1.72355	1.72355	0.0293575	0.45862	-2.18045	0.0826067	0.557691	-1.79311	0.192015	0.657375	-1.5212	0.470099	1.25008	1.25008	0.876645	1.04831	1.04831	0.695593	0.887413	-1.12687	2.19044	3.20093	1.29895	1
cg00557175	KATNAL2	0.141611	0.770386	0.856812	-1.16712	0.677804	1.24684	1.24684	0.822601	1.12589	1.12589	0.42598	1.53609	1.53609	0.484153	0.686996	-1.45561	0.859843	1.09782	1.09782	0.0976989	0.383108	-2.61023	0.00710841	6.27213	6.27213	0.884086	0.925862	-1.08007	2.19044	9.67248	3.92513	1
cg01670771	STX1B	0.141613	0.296159	1.82838	1.82838	0.00775615	6.71781	6.71781	0.0699783	3.09141	3.09141	0.566469	0.724122	-1.38098	0.724022	1.21833	1.21833	0.727886	0.82318	-1.2148	0.147435	2.37714	2.37714	0.4145	1.59147	1.59147	0.427532	1.57028	1.57028	2.19043	10.7651	4.36856	1
cg22783383	NFKBIA	0.141616	0.855783	0.971619	-1.02921	0.00999886	0.597689	-1.67311	0.590642	1.08974	1.08974	0.167781	1.26196	1.26196	0.748819	0.95043	-1.05216	0.337126	0.855037	-1.16954	0.84648	0.96979	-1.03115	0.984855	1.00301	1.00301	0.136413	1.28909	1.28909	2.1904	0.868829	0.35258	1
cg23068701	CLCN6;CLCN6;CLCN6;CLCN6;CLCN6;CLCN6;CLCN6;MTHFR	0.141617	0.0701578	2.23667	2.23667	0.0162146	0.310605	-3.21952	0.556191	0.789242	-1.26704	0.585731	0.803451	-1.24463	0.493661	0.758506	-1.31838	0.555032	0.788682	-1.26794	0.867035	1.0689	1.0689	0.31231	1.51528	1.51528	0.263626	1.58941	1.58941	2.19039	5.48498	2.22587	1
cg16040614	PRRT1	0.141617	0.920258	1.05088	1.05088	0.0298303	3.55011	3.55011	0.0401189	3.23983	3.23983	0.110474	2.368	2.368	0.683351	1.22539	1.22539	0.97033	0.981735	-1.01861	0.954824	1.02848	1.02848	0.0270873	3.65781	3.65781	0.36533	1.58565	1.58565	2.19039	8.52156	3.45816	1
cg09220639	DIABLO;DIABLO;DIABLO;DIABLO	0.141618	0.048729	0.216671	-4.6153	0.0293638	0.174912	-5.71717	0.0367534	0.192352	-5.19879	0.747097	1.24586	1.24586	0.741783	0.7988	-1.25188	0.252368	0.443825	-2.25314	0.215169	0.412132	-2.42641	0.297112	0.479787	-2.08426	0.0850859	0.274302	-3.64561	2.19038	16.013	6.4983	1
cg01447828	PRX;PRX	0.141622	0.245145	0.534028	-1.87256	0.0725641	0.355659	-2.81168	0.0707998	0.352853	-2.83404	0.371863	0.623067	-1.60496	0.0412013	0.296613	-3.37139	0.224283	0.517516	-1.93231	0.0288553	0.264532	-3.78025	0.133611	0.433933	-2.3045	0.719314	1.20468	1.20468	2.19035	9.23669	3.74843	1
cg24101979	NXN	0.141623	0.0600517	0.364163	-2.74603	0.190609	0.51686	-1.93476	0.313378	0.608628	-1.64304	0.395993	0.661043	-1.51276	0.0168547	0.249441	-4.00896	0.102013	0.426439	-2.345	0.068578	0.378776	-2.64009	0.836653	0.906366	-1.10331	0.0743813	0.388024	-2.57716	2.19035	7.86665	3.19245	1
cg15123200	PSMD3	0.141624	0.432176	0.880347	-1.13592	0.0927626	1.34186	1.34186	0.014627	1.61274	1.61274	0.941689	0.988437	-1.0117	0.388119	1.15099	1.15099	0.617079	0.922988	-1.08344	0.695761	1.06447	1.06447	0.815477	1.03786	1.03786	0.045511	1.43995	1.43995	2.19034	0.876745	0.355802	1
cg24609041	RNF4	0.141626	0.245481	0.800723	-1.24887	0.462281	0.872056	-1.14671	0.294232	0.819523	-1.22022	0.51506	0.886241	-1.12836	0.00487558	0.505231	-1.97929	0.263423	0.80792	-1.23775	0.290458	1.22227	1.22227	0.724386	0.937284	-1.06691	0.790856	0.952536	-1.04983	2.19033	1.1611	0.471202	1
cg11568791	ZDHHC11	0.14163	0.0298933	0.164373	-6.08374	0.08866	0.265208	-3.77063	0.264394	0.439515	-2.27523	0.504065	0.619323	-1.61467	0.10087	0.280875	-3.56031	0.358518	0.513121	-1.94886	0.0430824	0.193041	-5.18025	0.0369731	0.180501	-5.54014	0.14509	0.330934	-3.02175	2.1903	17.3246	7.03084	1
cg02444957	ANTXR1	0.141633	0.3535	0.571594	-1.74949	0.240716	0.486932	-2.05368	0.396734	0.601424	-1.66272	0.487334	1.51203	1.51203	0.00595423	0.121606	-8.22328	0.247139	2.03197	2.03197	0.819935	0.874953	-1.14292	0.990123	0.992774	-1.00728	0.792766	0.857043	-1.1668	2.19028	11.9081	4.83273	1
cg03887426	RSPH4A;RSPH4A;RSPH4A;RSPH4A	0.141633	0.678721	0.941945	-1.06163	0.978128	1.00394	1.00394	0.567727	1.08647	1.08647	0.04286	1.39748	1.39748	0.922216	1.01412	1.01412	0.63351	1.07141	1.07141	0.0104633	0.62956	-1.58841	0.967593	1.00585	1.00585	0.742576	0.953777	-1.04846	2.19028	0.715216	0.290259	1
cg23706836	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.141633	0.0297366	0.153617	-6.50968	0.596438	0.676166	-1.47893	0.362876	0.504207	-1.98331	0.577274	0.662123	-1.51029	0.105648	0.274083	-3.64853	0.111407	0.280918	-3.55975	0.0186597	0.123959	-8.06716	0.605198	0.6826	-1.46499	0.0650233	0.219357	-4.55879	2.19027	18.5995	7.54831	1
cg09225287	SEMA3C	0.141635	0.397173	1.33671	1.33671	0.72265	0.88755	-1.1267	0.150524	0.597006	-1.67502	0.850959	1.06499	1.06499	0.360633	1.36969	1.36969	0.263242	1.4776	1.4776	0.0081245	3.10903	3.10903	0.20936	1.55723	1.55723	0.699931	1.13841	1.13841	2.19026	3.88693	1.57746	1
cg17742559	NEK8	0.141636	0.0324812	0.347736	-2.87575	0.896129	1.05666	1.05666	0.990406	1.00509	1.00509	0.186361	0.553686	-1.80608	0.0184341	0.299264	-3.34153	0.621043	0.810351	-1.23403	0.0925304	0.45786	-2.18408	0.400741	0.695616	-1.43758	0.093438	0.459047	-2.17842	2.19026	6.17698	2.50685	1
cg12704672	VSIG8	0.141636	0.708219	1.11148	1.11148	0.374631	0.773996	-1.292	0.866507	0.953804	-1.04843	0.258729	1.39274	1.39274	0.0660596	1.78546	1.78546	0.0227118	2.15264	2.15264	0.213384	1.44537	1.44537	0.425612	1.25699	1.25699	0.04239	1.92932	1.92932	2.19025	2.7416	1.11265	1
cg17971171	PRCC;PRCC	0.141639	0.650594	1.04504	1.04504	0.179688	1.14762	1.14762	0.578182	1.05577	1.05577	0.458066	0.929591	-1.07574	0.872027	1.0157	1.0157	0.232924	0.886161	-1.12846	0.0120345	0.738887	-1.35339	0.186818	1.14477	1.14477	0.649315	1.04523	1.04523	2.19023	0.323856	0.131434	1
cg15922976	INPP5F;INPP5F	0.141641	0.669042	0.886752	-1.12771	0.71481	0.902511	-1.10802	0.183301	1.48383	1.48383	0.0480356	1.88074	1.88074	0.493145	0.823222	-1.21474	0.470648	1.22768	1.22768	0.0752877	0.574912	-1.7394	0.0634611	1.79195	1.79195	0.595098	0.860773	-1.16175	2.19022	2.70991	1.0998	1
cg13584608	HNRPLL;HNRPLL	0.141646	0.208929	0.671765	-1.48862	0.91114	0.967024	-1.0341	0.592712	1.17607	1.17607	0.0079771	0.360065	-2.77728	0.360686	0.754085	-1.32611	0.118222	0.600801	-1.66444	0.127091	0.609196	-1.64151	0.670363	1.13724	1.13724	0.942147	1.02204	1.02204	2.19019	3.12955	1.27013	1
cg21041472	HIVEP1	0.141647	0.191907	1.37701	1.37701	0.135682	0.689078	-1.45121	0.591283	0.882025	-1.13376	0.865039	0.96137	-1.04018	0.742277	0.926427	-1.07942	0.902644	0.972058	-1.02875	0.00728395	2.22895	2.22895	0.803482	1.05944	1.05944	0.88025	1.03553	1.03553	2.19017	1.86035	0.755027	1
cg24305381	LRRC41;LRRC41;UQCRH	0.141649	0.0796339	0.678327	-1.47421	0.957153	1.01078	1.01078	0.497406	1.14734	1.14734	0.220266	0.77326	-1.29323	0.95223	0.988119	-1.01202	0.0845339	1.46326	1.46326	0.120055	0.714293	-1.39999	0.27883	1.25188	1.25188	0.0891937	0.68801	-1.45347	2.19016	1.38074	0.56038	1
cg05941624	SYNJ2	0.141649	0.0989686	9.43258	9.43258	0.13961	7.18647	7.18647	0.295321	3.8437	3.8437	0.0990725	9.42484	9.42484	0.974692	0.961408	-1.04014	0.449744	2.6001	2.6001	0.260321	4.29148	4.29148	0.0122398	48.0345	48.0345	0.0520457	15.5182	15.5182	2.19016	53.39	21.6686	1
cg20973878	TAPBP;TAPBP;TAPBP	0.141653	0.117498	0.686016	-1.45769	0.176278	0.727107	-1.37531	0.212445	1.33791	1.33791	0.0923228	0.66321	-1.50782	0.27233	0.776261	-1.28823	0.687469	1.09378	1.09378	0.79042	1.06082	1.06082	0.0267051	0.558791	-1.78958	0.207644	0.74489	-1.34248	2.19013	1.7043	0.691708	1
cg07524398	CBX6	0.141653	0.184156	0.7013	-1.42592	0.824623	1.05749	1.05749	0.0944279	1.58889	1.58889	0.616442	0.880562	-1.13564	0.190172	0.705079	-1.41828	0.813948	0.942353	-1.06117	0.0137881	0.464538	-2.15268	0.310092	0.767564	-1.30282	0.706309	1.10004	1.10004	2.19013	2.2003	0.893016	1
cg00457596	ARMC9	0.141653	0.312663	0.670091	-1.49234	0.111362	0.514383	-1.94408	0.81442	0.913808	-1.09432	0.738828	1.13685	1.13685	0.166129	0.567762	-1.7613	0.229376	0.616628	-1.62172	0.00884587	0.278742	-3.58754	0.843756	0.927148	-1.07858	0.0673504	0.455757	-2.19415	2.19013	5.097	2.06867	1
cg15110300	CCM2;CCM2;CCM2;CCM2	0.141656	0.114739	3.45956	3.45956	0.841981	0.867109	-1.15326	0.270854	0.438736	-2.27928	0.0928074	3.82168	3.82168	?	?	?	0.0581339	4.75483	4.75483	0.0821649	4.04558	4.04558	?	?	?	0.707227	1.30953	1.30953	2.34518	14.4262	6.15143	1
cg21477417	MYNN	0.14166	0.840831	1.03091	1.03091	0.523562	1.10282	1.10282	0.0430713	1.42248	1.42248	0.557164	1.09405	1.09405	0.485723	1.1132	1.1132	0.0545923	0.718841	-1.39113	0.151435	0.792389	-1.26201	0.898207	0.98081	-1.01957	0.105849	1.3066	1.3066	2.19008	0.795013	0.322673	1
cg07857142	STK39;STK39	0.141664	0.0638415	2.09212	2.09212	0.648474	1.17661	1.17661	0.934016	0.971085	-1.02978	0.0543431	2.16768	2.16768	0.827888	1.08021	1.08021	0.936798	0.97229	-1.0285	0.19525	0.615439	-1.62486	0.350686	0.711507	-1.40547	0.0601939	0.471827	-2.11942	2.19005	4.35513	1.76764	1
cg01866098	LOC91316	0.141665	0.305464	0.89222	-1.1208	0.859715	1.01919	1.01919	0.500778	1.07621	1.07621	0.068562	0.803228	-1.24498	0.888314	1.01522	1.01522	0.125262	0.836666	-1.19522	0.01107	0.71006	-1.40833	0.466868	0.923512	-1.08282	0.60858	1.05708	1.05708	2.19004	0.400633	0.162608	1
cg17035984	CDCP2	0.141668	0.0513094	0.233365	-4.28513	0.356034	0.536577	-1.86367	0.385077	0.557682	-1.79314	0.149538	0.363013	-2.75472	0.02196	0.164921	-6.0635	0.259352	0.462257	-2.1633	0.100347	0.307131	-3.25594	0.0411594	0.213331	-4.68756	0.0994198	0.305954	-3.26847	2.19002	14.9156	6.05394	1
cg24037166	PPP3CB;PPP3CB;PPP3CB;PPP3CB;PPP3CB;PPP3CB	0.141668	0.0900438	0.744373	-1.34341	0.152672	0.785033	-1.27383	0.72718	0.946161	-1.0569	0.0285772	0.664878	-1.50403	0.273165	1.19745	1.19745	0.921741	1.01565	1.01565	0.197664	0.806415	-1.24006	0.324934	1.17423	1.17423	0.345559	1.1659	1.1659	2.19002	0.86594	0.351469	1
cg08031024	GLI2	0.14167	0.252587	0.767319	-1.30324	0.19267	0.736701	-1.3574	0.469903	0.849648	-1.17696	0.54067	0.871737	-1.14713	0.492354	0.856809	-1.16712	0.850834	0.959135	-1.04261	0.00862627	2.10065	2.10065	0.548507	1.14403	1.14403	0.581662	1.13125	1.13125	2.19001	1.70366	0.691489	1
cg11064454	STAU2;STAU2;STAU2;STAU2	0.141671	0.107992	0.313545	-3.18934	0.0298671	0.1845	-5.42004	0.0122199	0.126858	-7.88283	0.502062	0.637277	-1.56918	0.102277	0.306492	-3.26272	0.251822	0.453065	-2.20719	0.418162	0.578601	-1.72831	0.287551	0.481778	-2.07564	0.838713	0.873905	-1.14429	2.19	15.1702	6.15736	1
cg26061510	ZNF197;ZNF197	0.141671	0.0720056	0.689512	-1.4503	0.604584	0.907825	-1.10153	0.0282749	1.61515	1.61515	0.221302	0.788201	-1.26871	0.268009	0.807679	-1.23812	0.921885	0.982007	-1.01832	0.252715	0.801587	-1.24753	0.23247	0.793108	-1.26086	0.441796	1.15626	1.15626	2.19	1.18864	0.482453	1
cg15814898	JAK2;JAK2	0.141671	0.279286	0.867511	-1.15272	0.118787	1.23855	1.23855	0.966397	0.994691	-1.00534	0.27254	0.865628	-1.15523	0.621019	0.938971	-1.065	0.120871	0.80853	-1.23681	0.649366	0.943807	-1.05954	0.206593	1.18331	1.18331	0.0333708	1.36911	1.36911	2.19	0.553743	0.224757	1
cg09179347	AGRP;AGRP;AGRP	0.141672	0.836122	1.0544	1.0544	0.389687	0.798188	-1.25284	0.219998	0.719073	-1.39068	0.0994918	1.58679	1.58679	0.932636	0.978613	-1.02185	0.00814466	0.420581	-2.37766	0.906115	1.03063	1.03063	0.861846	1.04555	1.04555	0.966924	1.01066	1.01066	2.18999	2.26811	0.920595	1
cg00760272	ABCG5;ABCG8	0.141673	0.728593	1.07714	1.07714	0.057415	1.58164	1.58164	0.0397138	0.602123	-1.66079	0.179635	0.737839	-1.35531	0.402665	1.20045	1.20045	0.32262	1.24352	1.24352	0.481691	1.1648	1.1648	0.146969	1.39379	1.39379	0.835192	1.04544	1.04544	2.18999	1.57831	0.640616	1
cg18974926	SORT1	0.141677	0.80036	0.905843	-1.10394	0.740209	1.13867	1.13867	0.110855	0.507667	-1.96979	0.0604596	2.28463	2.28463	0.673841	1.17963	1.17963	0.0189111	0.329752	-3.03258	0.931163	0.966845	-1.03429	0.402774	0.715941	-1.39676	0.589234	1.23706	1.23706	2.18996	5.28242	2.1441	1
cg19380793	IMMP2L	0.141681	0.0944361	0.263691	-3.79232	0.586305	0.671377	-1.48948	0.743618	0.788231	-1.26866	0.166274	0.342918	-2.91615	0.0311415	0.159766	-6.25915	0.0583805	0.212081	-4.71517	0.0194712	0.129018	-7.75087	0.697172	0.753111	-1.32783	0.274872	0.438798	-2.27895	2.18993	18.2339	7.40112	1
cg04350355	CACNG2	0.141681	0.543913	0.828958	-1.20633	0.146737	0.621502	-1.60901	0.0112383	0.379114	-2.63773	0.755363	1.10015	1.10015	0.60101	1.17484	1.17484	0.587483	1.18207	1.18207	0.126792	1.65588	1.65588	0.461118	0.795229	-1.2575	0.665969	1.14182	1.14182	2.18993	3.23433	1.31281	1
cg17497965	RBM24;RBM24;RBM24	0.141683	0.519669	0.613492	-1.63001	?	?	?	0.487945	0.589839	-1.69538	0.320733	2.16698	2.16698	?	?	?	0.126852	3.54647	3.54647	0.868838	1.13106	1.13106	?	?	?	0.029694	0.131712	-7.59231	2.53	14.1175	5.58004	1
cg11088135	SRRM4	0.141684	0.408458	0.478949	-2.0879	0.110138	4.55453	4.55453	0.489865	1.84181	1.84181	0.63355	0.658238	-1.51921	0.13356	0.244395	-4.09173	0.218485	0.324006	-3.08636	0.0284353	0.105202	-9.50554	0.187371	0.296219	-3.37589	0.165721	0.276057	-3.62244	2.18991	26.2946	10.673	1
cg01698392	TIMP2	0.141685	0.939621	1.02203	1.02203	0.545525	0.838635	-1.19241	0.130481	0.625135	-1.59965	0.285256	0.72668	-1.37612	0.513157	0.826324	-1.21018	0.0804781	1.74665	1.74665	0.899349	1.03707	1.03707	0.0666497	1.80677	1.80677	0.0692383	0.557265	-1.79448	2.1899	2.86989	1.1649	1
cg02457319	KCNT1	0.141686	0.320742	1.27581	1.27581	0.0572189	1.66659	1.66659	0.897561	0.969881	-1.03105	0.337233	1.26479	1.26479	0.55007	0.866258	-1.15439	0.485882	0.845251	-1.18308	0.0492185	0.586849	-1.70402	0.0757966	1.59873	1.59873	0.549882	0.866198	-1.15447	2.1899	1.95514	0.793601	1
cg11309496	SLFN11;SLFN11;SLFN11;SLFN11;SLFN11	0.141686	0.886302	1.09264	1.09264	0.188752	2.36862	2.36862	0.62504	1.35666	1.35666	0.132802	0.366277	-2.73018	0.312527	0.52364	-1.90971	0.0423222	0.234986	-4.25557	0.13848	2.68502	2.68502	0.677987	1.29508	1.29508	0.136356	2.70162	2.70162	2.18989	13.301	5.39896	1
cg14619949	F2RL1	0.141686	0.868815	1.06126	1.06126	0.0459467	2.27683	2.27683	0.109644	0.534024	-1.87257	0.880154	0.94718	-1.05577	0.336374	1.42836	1.42836	0.218165	1.59345	1.59345	0.0468525	2.26692	2.26692	0.106882	1.88349	1.88349	0.406489	1.35722	1.35722	2.18989	4.48687	1.82124	1
cg20746035	PRICKLE3	0.141687	0.233598	3.42143	3.42143	0.342714	2.61233	2.61233	0.998929	1.00131	1.00131	0.618822	1.63404	1.63404	0.410084	0.437549	-2.28546	0.567784	1.76049	1.76049	0.0933571	6.24483	6.24483	0.892062	1.14199	1.14199	0.00634752	37.5779	37.5779	2.30624	34.1898	11.5305	1
cg23345977	KRT80;KRT80	0.141695	0.403807	1.11176	1.11176	0.850615	1.02366	1.02366	0.199608	0.8453	-1.18301	0.0579533	1.3045	1.3045	0.470628	1.09529	1.09529	0.239539	1.16502	1.16502	0.0404603	1.3411	1.3411	0.856577	0.977813	-1.02269	0.122049	0.812335	-1.23102	2.18983	0.533427	0.216527	1
cg01855027	CADM2;CADM2	0.141696	0.550871	0.887978	-1.12615	0.026743	0.596462	-1.67655	0.0498866	0.643832	-1.5532	0.419536	0.850117	-1.17631	0.0844931	1.45602	1.45602	0.593358	1.11195	1.11195	0.566963	1.12068	1.12068	0.643484	0.912323	-1.0961	0.636864	0.910626	-1.09815	2.18982	1.34433	0.545689	1
cg02151528	DDOST	0.141697	0.858467	0.973243	-1.02749	0.0353946	1.45095	1.45095	0.0984332	1.31701	1.31701	0.124852	0.776905	-1.28716	0.828754	1.03346	1.03346	0.682024	1.06459	1.06459	0.277375	0.842276	-1.18726	0.699136	0.942698	-1.06079	0.114665	0.770524	-1.29782	2.18981	0.800689	0.325016	1
cg11193411	SLC7A1	0.141698	0.661398	1.21818	1.21818	0.0588787	2.59971	2.59971	0.0276001	3.21065	3.21065	0.400081	0.679954	-1.47069	0.123195	0.473408	-2.11234	0.488916	1.37001	1.37001	0.171443	1.91937	1.91937	0.867566	1.0776	1.0776	0.713153	0.847602	-1.1798	2.1898	6.95454	2.823	1
cg10701232	RASGRP2;RASGRP2;RASGRP2	0.141702	0.174012	0.560986	-1.78258	0.93467	1.03331	1.03331	0.0264084	0.349157	-2.86404	0.0369114	0.379566	-2.63459	0.0736692	0.450673	-2.2189	0.649152	0.832708	-1.2009	0.572563	0.796195	-1.25597	0.0600166	0.428258	-2.33504	0.16354	0.551928	-1.81183	2.18978	5.5408	2.24916	1
cg12453378	TTLL8	0.141704	0.545452	1.19951	1.19951	0.921178	1.02986	1.02986	0.0352544	0.482373	-2.07308	0.0921186	1.73535	1.73535	0.187793	1.51434	1.51434	0.202149	1.49238	1.49238	0.211093	0.675893	-1.47952	0.536426	1.20457	1.20457	0.229594	1.45468	1.45468	2.18976	3.06536	1.24432	1
cg24976563	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.141705	0.275607	5.07135	5.07135	0.920493	1.15364	1.15364	0.701565	0.576263	-1.73532	0.00508447	0.00498552	-200.581	0.558698	2.33162	2.33162	0.232109	0.166297	-6.01334	0.688029	1.78215	1.78215	0.948111	0.911041	-1.09765	0.936426	0.892081	-1.12097	2.18975	71.0704	28.8497	1
cg11787694	ODF3L2	0.141706	0.0292646	0.588974	-1.69787	0.484536	1.15768	1.15768	0.402868	0.838239	-1.19298	0.688141	1.08672	1.08672	0.108614	1.43437	1.43437	0.0661726	1.52927	1.52927	0.642958	0.908262	-1.101	0.593344	1.11751	1.11751	0.363989	0.825072	-1.21202	2.18974	1.47341	0.598104	1
cg12223253	ANAPC7;ANAPC7	0.141707	0.338686	0.764721	-1.30767	0.684871	1.11737	1.11737	0.144477	1.53167	1.53167	0.469678	0.818677	-1.22148	0.322556	1.3204	1.3204	0.277026	0.73528	-1.36003	0.348325	0.769031	-1.30034	0.0111837	0.421155	-2.37442	0.575261	0.857291	-1.16647	2.18974	2.56565	1.04148	1
cg14637685	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.141709	0.755696	0.880959	-1.13513	0.179103	1.78528	1.78528	0.545924	1.28169	1.28169	0.948257	1.02671	1.02671	0.0150881	0.297369	-3.36282	0.14211	1.89819	1.89819	0.46863	0.741238	-1.34909	0.840057	0.921216	-1.08552	0.148445	0.53289	-1.87656	2.18972	5.71916	2.32162	1
cg24222440	TTC36	0.141711	0.781796	1.08477	1.08477	0.58635	0.851281	-1.1747	0.691672	1.12391	1.12391	0.371039	1.30888	1.30888	0.0201186	0.439723	-2.27416	0.59762	1.16894	1.16894	0.0299368	0.47308	-2.11381	0.382991	1.29975	1.29975	0.693437	1.12311	1.12311	2.18971	2.97835	1.20903	1
cg20421928	SLIT3	0.141713	0.0876917	0.387829	-2.57845	0.177327	0.486527	-2.05538	0.0266429	0.267125	-3.74357	0.254026	0.549625	-1.81942	0.131815	0.441593	-2.26453	0.669154	0.805736	-1.2411	0.0160568	0.227476	-4.39607	0.272836	0.56356	-1.77443	0.204703	0.510448	-1.95906	2.1897	8.75659	3.55467	1
cg05534473	DCTN5;PALB2	0.141719	0.0366198	0.760719	-1.31455	0.113017	0.823455	-1.2144	0.629066	1.05634	1.05634	0.620561	1.05781	1.05781	0.167277	0.847227	-1.18032	0.888096	0.984269	-1.01598	0.0263482	0.743324	-1.34531	0.440385	1.09265	1.09265	0.999206	0.999888	-1.00011	2.18965	0.439809	0.17854	1
cg04538473	LMF1	0.141721	0.0506352	0.700597	-1.42736	0.455847	1.12901	1.12901	0.263865	0.830216	-1.20451	0.251768	1.2108	1.2108	0.0963272	1.33872	1.33872	0.417012	1.1417	1.1417	0.144813	1.28427	1.28427	0.228341	0.817099	-1.22384	0.579874	0.914543	-1.09344	2.18964	0.885126	0.35932	1
cg02359346	VPS4B	0.141723	0.145047	0.695835	-1.43712	0.349263	0.799891	-1.25017	0.157566	0.704556	-1.41933	0.0331688	0.561566	-1.78073	0.984168	1.00461	1.00461	0.555598	1.14814	1.14814	0.734242	1.08216	1.08216	0.0207471	0.524579	-1.90629	0.72038	1.08686	1.08686	2.18962	1.86207	0.75592	1
cg14766682	CCDC120;CCDC120;CCDC120;CCDC120	0.141728	0.264402	0.649636	-1.53932	0.378777	0.715457	-1.39771	0.580401	0.812984	-1.23004	0.873576	0.942663	-1.06082	0.00438613	0.243968	-4.0989	0.328234	0.68784	-1.45383	0.800856	1.09825	1.09825	0.37012	1.40675	1.40675	0.425093	0.739312	-1.35261	2.18959	4.76817	1.9357	1
cg09256310	TNNT1;TNNT1;TNNT1	0.14173	0.171149	1.34954	1.34954	0.287583	0.797515	-1.25389	0.0461616	0.621535	-1.60892	0.356853	1.21397	1.21397	0.203119	0.758807	-1.31786	0.686737	1.08618	1.08618	0.0493376	1.59466	1.59466	0.758306	0.939026	-1.06493	0.766842	1.06248	1.06248	2.30589	1.484	0.500552	1
cg07279379	ERICH1	0.141733	0.663759	1.04975	1.04975	0.414345	1.09704	1.09704	0.415391	0.911742	-1.0968	0.219334	1.15416	1.15416	0.220626	1.15365	1.15365	0.0438413	1.29322	1.29322	0.018205	1.37465	1.37465	0.322563	0.892781	-1.1201	0.987632	1.00172	1.00172	2.18955	0.427201	0.17343	1
cg17010769	MORF4L1;MORF4L1	0.141734	0.341002	1.281	1.281	0.207121	1.39901	1.39901	0.727722	0.915565	-1.09222	0.552445	1.1638	1.1638	0.114756	0.648639	-1.54169	0.983405	1.00526	1.00526	0.0182431	0.485187	-2.06106	0.658725	0.893882	-1.11872	0.169082	1.4474	1.4474	2.18955	2.20887	0.896733	1
cg27095527	PPARG;PPARG;PPARG	0.141736	0.37925	0.80966	-1.23509	0.986854	1.00386	1.00386	0.0536554	0.598755	-1.67013	0.705068	0.914841	-1.09309	0.654616	1.11115	1.11115	0.722117	1.08718	1.08718	0.0799243	0.634564	-1.57588	0.0104683	0.470366	-2.126	0.601946	0.884102	-1.13109	2.18953	1.89991	0.771309	1
cg06658615	NRG2;NRG2;NRG2;NRG2	0.14174	0.653076	0.819122	-1.22082	0.022214	3.34931	3.34931	0.797908	0.893018	-1.1198	0.291246	0.616971	-1.62082	0.331214	0.642688	-1.55597	0.664371	0.824889	-1.21228	0.039323	0.349454	-2.86161	0.374673	1.49453	1.49453	0.571788	0.777277	-1.28654	2.1895	6.74303	2.73753	1
cg25206760	MAGED1;MAGED1;MAGED1	0.141741	0.748455	0.715765	-1.39711	0.324195	2.88125	2.88125	0.656924	1.59141	1.59141	0.220803	3.81082	3.81082	0.10014	6.5036	6.5036	0.0104959	0.0351774	-28.4273	0.758436	1.37797	1.37797	0.905517	0.883897	-1.13135	0.935317	0.919098	-1.08802	2.18949	37.4598	15.2079	1
cg17781958	BAHCC1	0.141741	0.0610614	1.40389	1.40389	0.971366	1.00579	1.00579	0.168589	1.26588	1.26588	0.908149	0.981623	-1.01872	0.1268	1.30397	1.30397	0.0586776	1.40948	1.40948	0.128857	1.30181	1.30181	0.26016	0.827986	-1.20775	0.299947	0.841447	-1.18843	2.18949	0.895622	0.363604	1
cg07071157	ATG16L2	0.141746	0.0926597	0.838837	-1.19213	0.0590985	0.816757	-1.22435	0.0827491	0.833201	-1.20019	0.458789	0.930861	-1.07427	0.820011	0.978588	-1.02188	0.409622	0.923033	-1.08339	0.160113	1.1532	1.1532	0.635141	1.04644	1.04644	0.056427	0.814531	-1.2277	2.18946	0.312789	0.126988	1
cg04012614	MAGIX;MAGIX;MAGIX;MAGIX;MAGIX	0.141747	0.138893	0.165276	-6.05049	0.801023	0.751736	-1.33026	0.896115	0.862758	-1.15907	0.257749	3.79841	3.79841	0.219973	4.29502	4.29502	0.404784	0.381642	-2.62026	0.229042	4.16375	4.16375	0.019388	0.0409817	-24.4011	0.402304	2.63427	2.63427	2.18945	44.2809	17.9775	1
cg04458206	PAOX;PAOX;PAOX	0.141748	0.580594	0.863379	-1.15824	0.856215	1.0489	1.0489	0.228816	0.717167	-1.39438	0.853487	0.952503	-1.04987	0.15602	0.670658	-1.49107	0.0135146	0.447215	-2.23606	0.381237	1.26669	1.26669	0.305095	1.32253	1.32253	0.0989743	0.621174	-1.60986	2.18944	2.40271	0.975474	1
cg05585795	ELMOD3;ELMOD3;ELMOD3;ELMOD3	0.14176	0.183071	0.503367	-1.98662	0.0844014	0.395516	-2.52835	0.0342436	0.301099	-3.32116	0.225773	0.538971	-1.85539	0.0322	0.295542	-3.38361	0.0790181	0.387666	-2.57954	0.0987164	0.414901	-2.41022	0.937719	1.0387	1.0387	0.217278	0.532198	-1.879	2.18935	8.18656	3.32379	1
cg11293355	TPP2	0.141763	0.860019	1.03499	1.03499	0.103878	1.41409	1.41409	0.251045	1.26322	1.26322	0.623912	1.10107	1.10107	0.217285	1.28777	1.28777	0.306077	0.813451	-1.22933	0.0200453	0.578854	-1.72755	0.543757	1.1272	1.1272	0.300698	1.23238	1.23238	2.18933	1.31632	0.534437	1
cg24034429	EXTL1	0.141767	0.02173	0.256192	-3.90332	0.497131	1.40603	1.40603	0.597507	0.768448	-1.30132	0.683225	0.816437	-1.22483	0.435952	0.675112	-1.48124	0.462881	0.691164	-1.44683	0.0248142	0.26698	-3.74559	0.0735064	0.372939	-2.6814	0.693842	1.216	1.216	2.18931	8.47228	3.43986	1
cg09784259	SELE	0.14177	0.696354	1.13983	1.13983	0.401135	0.750674	-1.33214	0.372726	1.35715	1.35715	0.0179105	0.382828	-2.61214	0.0506609	0.475615	-2.10254	0.933785	1.02812	1.02812	0.211449	0.644477	-1.55165	0.315162	0.707086	-1.41426	0.109015	0.558085	-1.79184	2.18928	3.86135	1.56778	1
cg11355029	MLLT1	0.141773	0.359615	0.739614	-1.35206	0.237804	1.48587	1.48587	0.362359	1.34961	1.34961	0.82766	0.932562	-1.07231	0.399457	0.75864	-1.31815	0.389596	0.754021	-1.32622	0.0285481	0.437179	-2.28739	0.102749	1.77125	1.77125	0.143688	0.604646	-1.65386	2.18926	3.5557	1.44369	1
cg07144026	PECAM1	0.141773	0.830513	1.06806	1.06806	0.0768909	0.546468	-1.82993	0.0277244	0.449657	-2.22392	0.294215	0.715925	-1.39679	0.0443342	0.491904	-2.03292	0.969472	1.01182	1.01182	0.0467266	0.49686	-2.01264	0.859076	0.946874	-1.05611	0.258654	0.696272	-1.43622	2.18926	3.27142	1.32827	1
cg11704601	ADARB2	0.141774	0.274136	0.762126	-1.31212	0.137251	1.46536	1.46536	0.529106	1.1644	1.1644	0.637793	0.892972	-1.11986	0.206634	0.727632	-1.37432	0.391547	1.23313	1.23313	0.0118759	2.1163	2.1163	0.670201	1.10768	1.10768	0.666804	0.901768	-1.10893	2.18926	1.97584	0.802236	1
cg19236493	HOXB3	0.141777	0.0340744	13.0416	13.0416	0.0218417	17.4127	17.4127	0.122636	5.67988	5.67988	0.132789	5.38728	5.38728	0.725253	1.44249	1.44249	0.495255	2.05242	2.05242	0.657001	1.59049	1.59049	0.0533814	9.76205	9.76205	0.143984	5.1033	5.1033	2.18923	37.3801	15.1774	1
cg07490394	SCFD1;SCFD1	0.141778	0.79755	1.30128	1.30128	0.0746942	7.64445	7.64445	0.056191	9.16606	9.16606	0.784618	1.32401	1.32401	0.506404	0.501243	-1.99504	0.423664	0.432937	-2.30981	0.0307633	0.0743319	-13.4532	0.599085	1.72198	1.72198	0.65128	1.59383	1.59383	2.18922	36.3907	14.7757	1
cg25682936	SF3A3	0.141778	0.46653	1.08857	1.08857	0.0499321	1.29185	1.29185	0.040937	1.31023	1.31023	0.632724	0.94635	-1.05669	0.0572925	1.27928	1.27928	0.451464	1.09184	1.09184	0.183003	1.17565	1.17565	0.034429	1.32649	1.32649	0.537404	1.07414	1.07414	2.18922	0.454799	0.184662	1
cg23722096	SND1	0.141781	0.0624202	0.176218	-5.67479	0.10539	4.32528	4.32528	0.648852	1.46154	1.46154	0.366746	0.464148	-2.15448	0.0926638	0.216174	-4.62591	0.734327	0.754294	-1.32574	0.0556439	0.166101	-6.02043	0.675835	1.41639	1.41639	0.220976	0.344705	-2.90103	2.1892	23.7579	9.6465	1
cg20373416	USP5;USP5	0.141782	0.465459	1.15077	1.15077	0.0221221	0.595287	-1.67986	0.276286	0.807274	-1.23874	0.702496	1.07525	1.07525	0.136501	0.738397	-1.35428	0.154522	0.749683	-1.3339	0.128781	1.36389	1.36389	0.528889	0.886382	-1.12818	0.310704	0.820125	-1.21933	2.1892	1.23921	0.503161	1
cg04082274	ZHX2	0.141785	0.596401	1.18407	1.18407	0.308695	1.39522	1.39522	0.953017	0.981546	-1.0188	0.109925	1.73469	1.73469	0.0228158	0.422652	-2.36601	0.554913	1.20778	1.20778	0.770353	1.09695	1.09695	0.048128	2.04222	2.04222	0.64098	1.16005	1.16005	2.18917	3.46478	1.40683	1
cg01790464	SLC7A8;SLC7A8	0.141788	0.836428	1.11535	1.11535	0.033936	3.69652	3.69652	0.750452	1.18351	1.18351	0.591568	0.751253	-1.33111	0.0121621	0.192021	-5.20776	0.951176	1.03286	1.03286	0.635953	0.777407	-1.28633	0.829516	1.1206	1.1206	0.719764	0.826762	-1.20954	2.18915	9.66739	3.92537	1
cg10690657	C21orf15	0.141789	0.116235	0.232535	-4.30042	0.371001	0.45613	-2.19236	0.496945	0.554677	-1.80285	0.473174	0.536089	-1.86536	0.0476154	0.144298	-6.93012	0.110075	0.225762	-4.42944	0.00995484	0.0619375	-16.1453	0.403931	0.481998	-2.0747	0.101142	0.215661	-4.63691	2.18915	25.3182	10.2803	1
cg16284674	ZNF511;TUBGCP2	0.141792	0.149708	0.130696	-7.65133	0.950331	0.921205	-1.08554	0.599402	2.01034	2.01034	0.462563	0.37335	-2.67845	0.0708796	0.0700309	-14.2794	0.0563638	0.0580374	-17.2303	0.0215848	0.0263766	-37.9124	0.200775	0.168592	-5.93149	0.108251	0.0994078	-10.0596	2.18913	60.1817	24.4366	1
cg11919138	ATP5E;ATP5E	0.141793	0.233272	1.91769	1.91769	0.0295959	0.263318	-3.79769	0.0158012	0.214262	-4.66719	0.492894	0.695712	-1.43738	0.617743	0.769415	-1.29969	0.554877	0.732592	-1.36502	0.553316	0.731672	-1.36673	0.849447	1.10407	1.10407	0.60578	1.31159	1.31159	2.18912	9.41072	3.82121	1
cg06716684	JAM2	0.141797	0.96969	0.986907	-1.01327	0.69869	0.873779	-1.14445	0.425872	0.754235	-1.32585	0.953306	0.979892	-1.02052	0.644013	0.850941	-1.17517	0.0162078	0.36056	-2.77346	0.542532	0.807483	-1.23842	0.429648	1.32268	1.32268	0.0144076	0.351272	-2.8468	2.18909	4.17173	1.69395	1
cg04163216	PIK3CD	0.141802	0.374983	0.751742	-1.33024	0.664965	1.14631	1.14631	0.0860424	0.551859	-1.81206	0.383461	0.755729	-1.32323	0.00985845	0.359836	-2.77904	0.146551	0.613634	-1.62964	0.296568	0.712362	-1.40378	0.442499	1.27813	1.27813	0.236703	0.678052	-1.47481	2.18905	3.40497	1.38262	1
cg25450819	WDR70	0.141806	0.0562579	0.262677	-3.80696	0.976291	1.01855	1.01855	0.556968	1.44389	1.44389	0.150024	0.385103	-2.59671	0.0686946	0.283652	-3.52545	0.275753	0.496029	-2.01601	0.0327284	0.213308	-4.68805	0.0841555	0.306789	-3.25957	0.179138	0.413759	-2.41687	2.18902	13.2573	5.38334	1
cg26260967	PSMB10	0.141809	0.011982	0.756379	-1.32209	0.879937	1.01355	1.01355	0.515382	0.942942	-1.06051	0.090932	1.18042	1.18042	0.137565	1.15309	1.15309	0.598974	1.0484	1.0484	0.906768	1.01049	1.01049	0.8176	0.979633	-1.02079	0.973192	0.997011	-1.003	2.189	0.275059	0.111693	1
cg20689135	F7;F7	0.141812	0.0407707	5.72326	5.72326	0.0453547	5.45021	5.45021	0.170933	2.93564	2.93564	0.108893	3.63825	3.63825	0.1865	2.81347	2.81347	0.247007	2.44519	2.44519	0.79406	1.21317	1.21317	0.887573	1.11014	1.11014	0.0231131	7.43575	7.43575	2.18898	18.9154	7.68106	1
cg21323441	OCA2	0.141812	0.463076	0.395165	-2.53059	0.0366277	20.4627	20.4627	0.0411968	18.6857	18.6857	0.114008	0.117988	-8.47547	0.259025	0.231363	-4.32221	0.693737	0.611425	-1.63552	0.925982	0.890918	-1.12244	0.890329	0.842406	-1.18708	0.677297	1.68239	1.68239	2.18898	53.5677	21.7525	1
cg07593839	NRN1	0.141815	0.521041	0.8218	-1.21684	0.106057	1.70331	1.70331	0.329437	1.35482	1.35482	0.506881	0.816141	-1.22528	0.969918	1.01144	1.01144	0.82625	0.935822	-1.06858	0.869551	1.05084	1.05084	0.0118676	2.57962	2.57962	0.0692387	1.84649	1.84649	2.18896	3.15586	1.28153	1
cg05929117	PRKCZ	0.14182	0.140719	2.27318	2.27318	0.0674312	2.89202	2.89202	0.242115	1.886	1.886	0.358287	1.63159	1.63159	0.913439	0.945207	-1.05797	0.799743	1.14081	1.14081	0.0731095	0.354929	-2.81746	0.0401067	3.41869	3.41869	0.410894	1.54617	1.54617	2.18892	9.31074	3.78096	1
cg02861056	PLEK;PLEK	0.14182	0.962942	0.98423	-1.01602	0.423774	1.32246	1.32246	0.126509	0.56807	-1.76035	0.128169	0.569694	-1.75533	0.39401	0.741785	-1.3481	0.169191	1.65053	1.65053	0.075337	1.96876	1.96876	0.18532	1.61696	1.61696	0.209521	0.636038	-1.57223	2.18892	4.05768	1.64777	1
cg13642142	AGPAT2;AGPAT2	0.141825	0.222941	0.649622	-1.53936	0.835828	0.93249	-1.0724	0.0267207	0.413027	-2.42115	0.66157	0.862112	-1.15994	0.0128111	0.352991	-2.83293	0.717467	1.13021	1.13021	0.644941	1.16917	1.16917	0.880743	0.950689	-1.05187	0.204318	0.636864	-1.57019	2.18889	3.93321	1.59724	1
cg26784682	KLHL5;KLHL5;KLHL5;KLHL5	0.141828	0.518192	0.658723	-1.51809	0.0441807	0.229166	-4.36365	?	?	?	0.211699	2.31275	2.31275	0.225971	0.444737	-2.24852	0.0684276	0.272517	-3.66949	0.0971148	0.313376	-3.19106	0.578142	0.699076	-1.43046	0.458243	1.61824	1.61824	2.20733	12.6201	5.71733	1
cg11203905	LMNA;LMNA;LMNA	0.14183	0.23235	0.694003	-1.44092	0.835611	0.941199	-1.06247	0.392909	0.774723	-1.29078	0.468392	0.806409	-1.24006	0.0114834	0.39763	-2.5149	0.273492	0.717233	-1.39425	0.0482454	0.517725	-1.93153	0.923206	1.02852	1.02852	0.0491727	0.519512	-1.92488	2.18885	2.9486	1.19742	1
cg14339007	SCTR	0.141831	0.0446024	1.96997	1.96997	0.209033	0.677499	-1.47602	0.525034	1.2085	1.2085	0.204208	1.48284	1.48284	0.0969546	1.70859	1.70859	0.417076	1.27615	1.27615	0.0617186	1.85652	1.85652	0.0770674	1.78248	1.78248	0.197137	1.49317	1.49317	2.18884	2.99692	1.21705	1
cg03013754	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.141831	0.018214	0.607582	-1.64587	0.192128	1.27123	1.27123	0.335408	1.18847	1.18847	0.633554	1.08707	1.08707	0.24455	0.809285	-1.23566	0.740058	1.05958	1.05958	0.0687729	0.701839	-1.42483	0.97594	1.00526	1.00526	0.662697	0.926547	-1.07928	2.18884	1.04739	0.425345	1
ch.11.1854895	TMEM135;TMEM135;TMEM135	0.141832	0.0115777	0.0196463	-50.9002	0.209992	0.19309	-5.17893	?	?	?	0.60224	0.519657	-1.92435	?	?	?	0.41685	0.355964	-2.80927	0.302931	0.264905	-3.77493	0.370248	3.14375	3.14375	0.558136	2.09017	2.09017	2.22997	42.5682	21.8162	1
cg10791580	LOC285733	0.141834	0.261023	0.687085	-1.45542	0.0654852	1.93846	1.93846	0.843509	1.06532	1.06532	0.419284	1.3024	1.3024	0.12762	0.590127	-1.69455	0.0712491	1.90611	1.90611	0.581414	1.19515	1.19515	0.160599	1.61584	1.61584	0.111349	1.74238	1.74238	2.18882	3.5533	1.44301	1
cg01777187	HMGN1	0.141836	0.144803	1.99589	1.99589	0.0204944	0.291698	-3.4282	0.296236	0.620058	-1.61275	0.485883	1.3668	1.3668	0.190779	1.84288	1.84288	0.236434	1.72882	1.72882	0.28045	0.609521	-1.64063	0.922934	0.9582	-1.04362	0.91176	0.952259	-1.05013	2.1888	6.75054	2.74145	1
cg14036884	XAB2;LOC100131801;LOC100131801;LOC100131801	0.141838	0.414684	0.817325	-1.2235	0.445457	1.20704	1.20704	0.0504162	1.71512	1.71512	0.0556757	1.68974	1.68974	0.547672	1.15858	1.15858	0.278862	0.761557	-1.3131	0.511885	1.17462	1.17462	0.0999765	1.54662	1.54662	0.0668133	1.64401	1.64401	2.18879	2.02896	0.82398	1
cg14645027	KRT7	0.141838	0.113343	0.427659	-2.33831	0.0220474	0.25829	-3.87161	0.163952	0.480837	-2.07971	0.814858	0.890797	-1.12259	0.0173258	0.239591	-4.17379	0.698062	0.825156	-1.21189	0.103719	0.415964	-2.40405	0.345555	0.619458	-1.61431	0.400985	0.654556	-1.52775	2.18879	8.42486	3.42142	1
cg13733008	CCNG2	0.141839	0.544918	0.903546	-1.10675	0.429996	1.14266	1.14266	0.699819	0.937879	-1.06624	0.918577	0.983216	-1.01707	0.502362	1.11929	1.11929	0.0287421	1.53268	1.53268	0.0105969	1.70251	1.70251	0.82538	0.964082	-1.03726	0.919987	1.01677	1.01677	2.18878	0.949943	0.385783	1
cg23087084	PXMP3;PXMP3;PXMP3;PXMP3	0.141841	0.894607	0.977196	-1.02334	0.401448	1.16121	1.16121	0.936891	1.01388	1.01388	0.00926035	0.562832	-1.77673	0.285883	0.824563	-1.21276	0.385595	0.856577	-1.16744	0.673051	1.07666	1.07666	0.0987321	0.729724	-1.37038	0.363984	1.17629	1.17629	2.18877	1.05006	0.426444	1
cg15659409	LRRC27;LRRC27;LRRC27;LRRC27;LRRC27	0.141842	0.0667638	1.80121	1.80121	0.984947	0.994613	-1.00542	0.0370812	0.500037	-1.99985	0.503207	1.21472	1.21472	0.0696609	0.559405	-1.78761	0.236194	0.700909	-1.42672	0.498165	1.2176	1.2176	0.816823	1.06869	1.06869	0.586624	0.854543	-1.17022	2.18876	2.8415	1.15398	1
cg20340655	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF	0.141843	0.392363	0.799302	-1.25109	0.026756	1.95601	1.95601	0.0243322	1.98601	1.98601	0.830441	1.05635	1.05635	0.680764	0.899641	-1.11155	0.312588	0.765645	-1.30609	0.820175	0.943453	-1.05994	0.249635	1.36014	1.36014	0.733526	1.09129	1.09129	2.18876	2.26556	0.920081	1
cg07209686	PSMF1;PSMF1	0.141845	0.0267865	0.201612	-4.96003	0.043146	0.241685	-4.13762	0.610068	0.730564	-1.3688	0.0736445	0.296049	-3.37782	0.131286	0.369931	-2.70321	0.325852	0.538375	-1.85744	0.119916	0.357075	-2.80053	0.699667	1.26694	1.26694	0.110004	0.345315	-2.8959	2.18874	12.9149	5.24498	1
cg04187814	KIAA1199	0.141846	0.423562	0.712965	-1.40259	0.0155504	0.292819	-3.41507	0.424984	0.713736	-1.40108	0.788067	1.11799	1.11799	0.240812	0.601523	-1.66245	0.109376	0.485501	-2.05973	0.025557	0.333479	-2.99869	0.13877	0.517049	-1.93405	0.789318	0.895072	-1.11723	2.18873	5.93929	2.41207	1
cg16888859	CLCN4	0.141846	0.967169	1.01381	1.01381	0.566777	0.824499	-1.21286	0.124375	0.574327	-1.74117	0.160474	1.64826	1.64826	0.0241299	0.408087	-2.45046	0.898318	1.04353	1.04353	0.273541	1.46197	1.46197	0.220964	1.53549	1.53549	0.310262	1.41898	1.41898	2.18873	3.85081	1.5639	1
cg26812760	SMG1	0.141848	0.0405633	0.341269	-2.93024	0.761087	1.1487	1.1487	0.832348	1.10116	1.10116	0.14866	0.49451	-2.0222	0.123642	0.468563	-2.13419	0.0154555	0.259077	-3.85985	0.358665	0.651113	-1.53583	0.732592	1.16872	1.16872	0.959471	1.02337	1.02337	2.18872	7.16346	2.90925	1
cg01665118	BTF3L1	0.141849	0.0237444	0.181193	-5.51899	0.660863	0.756246	-1.32232	0.877631	0.907093	-1.10242	0.272632	0.485496	-2.05975	0.014817	0.149971	-6.66796	0.101119	0.32105	-3.11478	0.103593	0.324168	-3.08482	0.506484	0.652752	-1.53197	0.380744	0.566105	-1.76646	2.18871	13.8828	5.63816	1
cg13016408	LYPD1;LYPD1	0.141852	0.724177	0.909293	-1.09976	0.257143	0.728042	-1.37355	0.857878	1.04928	1.04928	0.710491	0.904777	-1.10524	0.810925	0.937704	-1.06644	0.191207	0.68977	-1.44976	0.0124709	0.434158	-2.30331	0.293078	0.746229	-1.34007	0.0770079	1.69507	1.69507	2.18869	2.49676	1.01401	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16229412	PRSS36	0.141853	0.257654	0.820733	-1.21842	0.021285	1.58873	1.58873	0.77397	1.04933	1.04933	0.567007	0.907761	-1.10161	0.590717	1.09505	1.09505	0.545451	0.902729	-1.10775	0.409837	0.86852	-1.15138	0.605529	0.916556	-1.09104	0.0376342	1.49678	1.49678	2.18868	0.969549	0.393764	1
cg06934829	GUF1	0.141854	0.239164	0.445502	-2.24466	0.0276537	0.181258	-5.51699	0.0501288	0.231079	-4.32753	0.915875	0.933041	-1.07176	0.119044	0.329656	-3.03346	0.173513	0.386797	-2.58533	0.0327269	0.194203	-5.14926	0.151655	0.3651	-2.73898	0.808799	0.852985	-1.17235	2.18867	14.9138	6.05697	1
cg22370633	PBLD;HNRNPH3;PBLD;HNRNPH3	0.141855	0.648576	1.04272	1.04272	0.339892	0.914218	-1.09383	0.810332	0.978316	-1.02216	0.338143	1.09421	1.09421	0.0364718	1.24815	1.24815	0.0437718	1.23531	1.23531	0.197653	0.883236	-1.1322	0.224723	0.89023	-1.12331	0.857636	1.01651	1.01651	2.18867	0.288186	0.117042	1
cg25129384	CHP;EXD1	0.141862	0.294879	0.438636	-2.27979	0.0636699	0.195879	-5.1052	0.631132	1.43786	1.43786	?	?	?	0.987342	0.988194	-1.01195	0.0144824	0.0869546	-11.5003	0.791569	0.819998	-1.21951	0.357442	2.04569	2.04569	0.890542	1.10861	1.10861	2.48421	18.6684	5.63612	1
cg06147758	UFSP1;UFSP1	0.141863	0.547131	0.882509	-1.13313	0.0560861	1.55873	1.55873	0.0871609	1.47325	1.47325	0.6592	0.912976	-1.09532	0.581137	1.12111	1.12111	0.879233	0.969291	-1.03168	0.243748	0.778646	-1.28428	0.391763	1.19722	1.19722	0.045228	0.624202	-1.60205	2.18861	1.45871	0.592447	1
cg02925076	PTPRN2;PTPRN2;PTPRN2	0.141864	0.212066	0.765492	-1.30635	0.875448	0.968614	-1.0324	0.443027	0.852992	-1.17234	0.962994	0.990612	-1.00948	0.0169573	0.553216	-1.80761	0.140329	0.724332	-1.38058	0.0712371	1.50627	1.50627	0.653116	1.09634	1.09634	0.907656	1.02387	1.02387	2.1886	1.43264	0.581857	1
cg02279212	PITPNM2	0.141867	0.787718	0.930414	-1.07479	0.136716	0.651539	-1.53483	0.966815	1.01118	1.01118	0.610808	0.871833	-1.14701	0.196915	1.43989	1.43989	0.384439	1.2691	1.2691	0.0313552	1.96368	1.96368	0.0352362	1.9259	1.9259	0.541103	1.17979	1.17979	2.18858	2.47535	1.00536	1
cg15717764	OPCML;OPCML	0.141871	0.0763589	0.368725	-2.71205	0.920987	0.951033	-1.05149	0.310232	1.7012	1.7012	0.86578	0.917957	-1.08938	0.0285743	0.270579	-3.69578	0.32406	0.597276	-1.67427	0.0271086	0.266107	-3.75789	0.929217	0.956037	-1.04598	0.303488	0.583144	-1.71484	2.18855	8.87586	3.60496	1
cg06217494	GUCY1B3	0.141872	0.960014	0.991586	-1.00849	0.469013	0.883234	-1.1322	0.275124	0.825831	-1.2109	0.063947	0.704028	-1.4204	0.282096	1.20731	1.20731	0.244274	1.22791	1.22791	0.0157746	0.607406	-1.64634	0.591728	0.912789	-1.09554	0.407901	0.867036	-1.15336	2.18855	0.984623	0.39991	1
cg26460931	DNAJC11	0.141874	0.736715	1.03816	1.03816	0.218692	0.866262	-1.15438	0.107512	0.822891	-1.21523	0.564143	1.06684	1.06684	0.136522	1.19484	1.19484	0.295808	0.886648	-1.12784	0.182483	0.854695	-1.17001	0.564131	0.937346	-1.06684	0.0427382	1.29544	1.29544	2.18853	0.426867	0.173375	1
cg18042851	ISOC1	0.141876	0.163766	0.656412	-1.52343	0.00976962	0.396298	-2.52336	0.352826	0.762744	-1.31106	0.313506	1.34353	1.34353	0.479355	0.815705	-1.22593	0.866789	1.04871	1.04871	0.120742	0.62083	-1.61075	0.240027	0.705749	-1.41693	0.67418	1.12725	1.12725	2.18851	2.78148	1.12973	1
cg10985347	CYP27C1	0.141879	0.0701022	0.0901561	-11.0919	0.147407	0.157673	-6.34223	0.18274	0.186352	-5.36618	0.424962	0.379773	-2.63315	0.060982	0.0813245	-12.2964	0.101937	0.11916	-8.3921	0.0163779	0.0306063	-32.673	0.102397	0.119563	-8.3638	0.743608	0.677054	-1.47699	2.18849	48.9413	19.8782	1
cg11562411	SCUBE3	0.141881	0.0601647	0.266644	-3.75032	0.325799	0.531229	-1.88243	0.0150617	0.155253	-6.4411	0.14812	0.380116	-2.63077	0.28765	0.502425	-1.99035	0.229819	0.455864	-2.19363	0.0440682	0.236359	-4.23086	0.562886	0.694405	-1.44008	0.0913765	0.313758	-3.18717	2.18848	13.4735	5.4725	1
cg08316825	GLRA1;GLRA1	0.141881	0.646406	1.09431	1.09431	0.734127	0.935653	-1.06877	0.0112688	1.85767	1.85767	0.29794	1.2343	1.2343	0.541451	0.886391	-1.12817	0.262292	0.796093	-1.25614	0.873578	0.969411	-1.03155	0.862403	0.966722	-1.03442	0.0642899	1.50017	1.50017	2.18848	1.3193	0.535856	1
cg27379915	ZDHHC13;ZDHHC13	0.141882	0.345506	0.688456	-1.45253	0.359041	0.696028	-1.43672	0.233508	1.61598	1.61598	0.239466	1.60529	1.60529	0.647341	0.837802	-1.1936	0.376804	1.4169	1.4169	0.0325598	0.382418	-2.61494	0.0470063	0.417482	-2.39531	0.574538	0.804174	-1.24351	2.18847	5.1171	2.07841	1
cg22541755	KLF11	0.141882	0.0428497	11.6382	11.6382	0.0931821	6.99092	6.99092	0.365016	2.66461	2.66461	0.481061	2.12575	2.12575	0.277274	0.304295	-3.28629	0.152418	5.02292	5.02292	0.0620363	9.13666	9.13666	0.115152	6.07184	6.07184	0.100044	6.66903	6.66903	2.18847	38.4277	15.6082	1
cg26549084	FNDC3B;FNDC3B	0.141895	0.18809	0.537297	-1.86117	0.0537087	0.376943	-2.65292	0.270267	0.599742	-1.66738	0.735541	1.16298	1.16298	0.0157787	0.267837	-3.73362	0.22548	1.76287	1.76287	0.671187	0.826807	-1.20947	0.96236	0.979201	-1.02124	0.300115	0.619873	-1.61323	2.18838	6.87504	2.79255	1
cg10434075	COIL	0.141899	0.139851	1.25284	1.25284	0.0787355	1.31923	1.31923	0.277838	0.85203	-1.17367	0.870149	1.02349	1.02349	0.407888	0.88681	-1.12764	0.217302	0.831781	-1.20224	0.433458	1.1201	1.1201	0.0508964	1.37106	1.37106	0.146805	1.24728	1.24728	2.18835	0.697859	0.283464	1
cg00280858	PTPRN2;PTPRN2;PTPRN2	0.141903	0.946897	0.96488	-1.0364	0.0927913	0.370574	-2.69851	0.0805009	2.83073	2.83073	0.553858	1.37909	1.37909	0.14138	0.427891	-2.33704	0.339919	0.589831	-1.6954	0.108244	0.390428	-2.56129	0.0598782	0.319962	-3.12537	0.91996	0.947481	-1.05543	2.18832	9.98488	4.05584	1
cg04900928	IER3IP1	0.141904	0.0755773	0.825593	-1.21125	0.681184	1.04018	1.04018	0.0845395	1.20282	1.20282	0.128738	0.853574	-1.17155	0.192373	1.14182	1.14182	0.566503	0.946204	-1.05685	0.212405	0.881487	-1.13445	0.388766	0.918995	-1.08815	0.214585	1.13369	1.13369	2.30449	0.324361	0.109474	1
cg00621899	UFSP1;UFSP1	0.141907	0.430463	1.60547	1.60547	0.0487411	3.7591	3.7591	0.0180257	5.42086	5.42086	0.391578	1.67598	1.67598	0.812187	0.869332	-1.15031	0.342783	1.7771	1.7771	0.255608	2.01009	2.01009	0.0248157	4.81447	4.81447	0.552378	1.42423	1.42423	2.18829	11.9945	4.87218	1
cg09445363	ERBB2IP;ERBB2IP	0.141908	0.13114	0.648358	-1.54236	0.422698	0.804356	-1.24323	0.408112	0.798564	-1.25225	0.684017	1.11492	1.11492	0.0284603	0.50288	-1.98855	0.570933	0.858779	-1.16444	0.429681	1.23901	1.23901	0.679365	0.895391	-1.11683	0.015904	0.456117	-2.19242	2.18828	2.44942	0.994966	1
cg05157098	THAP2	0.141911	0.308428	0.585259	-1.70865	0.649357	1.26188	1.26188	0.62651	0.779413	-1.28302	0.203827	1.97688	1.97688	0.150242	0.45672	-2.18953	0.189611	0.493588	-2.02598	0.0119016	0.202881	-4.92899	0.173143	0.478745	-2.0888	0.958577	0.973952	-1.02675	2.18826	8.94948	3.63535	1
cg03235788	C10orf58;C10orf58	0.141912	0.063511	0.637965	-1.56748	0.707386	1.08462	1.08462	0.0493797	0.616832	-1.62119	0.553858	0.878971	-1.13769	0.0127069	0.513187	-1.94861	0.592165	0.890037	-1.12355	0.613714	1.11589	1.11589	0.97005	1.00812	1.00812	0.842579	0.95807	-1.04377	2.18825	1.60836	0.65333	1
cg17095279	APOH	0.141912	0.426265	0.849352	-1.17737	0.123692	1.39811	1.39811	0.0568015	0.648363	-1.54235	0.53662	1.13401	1.13401	0.262251	0.790612	-1.26484	0.335979	1.22067	1.22067	0.0546845	1.54968	1.54968	0.24983	1.27343	1.27343	0.910312	1.02291	1.02291	2.18825	1.40003	0.568708	1
cg04788390	ARHGEF10L;ARHGEF10L	0.141913	0.305088	0.626762	-1.5955	0.990087	0.994549	-1.00548	0.22159	0.568256	-1.75977	0.113894	0.469249	-2.13107	0.0166373	0.27628	-3.61952	0.141818	0.499147	-2.00342	0.711096	1.17781	1.17781	0.268805	1.65972	1.65972	0.136498	0.493764	-2.02526	2.18824	6.70679	2.72437	1
cg00852613	RCBTB1	0.141914	0.139065	0.702802	-1.42288	0.293586	1.27294	1.27294	0.539342	1.14758	1.14758	0.568221	1.13629	1.13629	0.852285	1.04215	1.04215	0.423271	1.19861	1.19861	0.0136961	0.509022	-1.96455	0.164575	0.720036	-1.38882	0.585492	1.12974	1.12974	2.18824	1.70045	0.690741	1
cg10928087	PTH1R	0.141916	0.895922	1.03409	1.03409	0.176101	1.44538	1.44538	0.969016	1.01	1.01	0.0240883	0.502092	-1.99167	0.252647	0.736377	-1.358	0.363785	1.27001	1.27001	0.0542844	1.74951	1.74951	0.790854	0.934193	-1.07044	0.619103	1.13695	1.13695	2.18822	2.27311	0.92337	1
cg14082658	UBE3B;KCTD10;UBE3B	0.141917	0.271691	0.773768	-1.29238	0.984905	0.995768	-1.00425	0.831747	1.04885	1.04885	0.167042	1.39124	1.39124	0.0248623	0.549598	-1.81951	0.0594487	1.61107	1.61107	0.876311	0.965688	-1.03553	0.458811	0.844438	-1.18422	0.362616	1.23336	1.23336	2.18822	1.74132	0.70735	1
cg06324785	ADRBK2	0.141921	0.0751813	4.90736	4.90736	0.0830031	4.66949	4.66949	0.450366	1.85428	1.85428	0.444108	1.87085	1.87085	0.9312	0.933021	-1.07179	0.117531	3.9151	3.9151	0.142275	0.281818	-3.54839	0.0787893	4.79332	4.79332	0.0919071	4.43585	4.43585	2.18819	22.3391	9.07463	1
cg16587108	QTRT1	0.141926	0.233315	0.790137	-1.2656	0.849185	0.964753	-1.03653	0.818189	1.04436	1.04436	0.210556	0.77983	-1.28233	0.79711	1.04976	1.04976	0.408431	1.17278	1.17278	0.0169274	0.57747	-1.73169	0.02718	0.610906	-1.63691	0.686349	0.926334	-1.07952	2.18815	1.23128	0.500182	1
cg07728579	FSD2	0.141931	0.260233	0.561412	-1.78122	0.677358	0.814082	-1.22838	0.0690908	0.367911	-2.71805	0.0785832	0.382732	-2.61279	0.0218952	0.258721	-3.86517	0.117868	0.433962	-2.30435	0.031178	0.288481	-3.46644	0.321699	0.604543	-1.65414	0.278325	0.574553	-1.74048	2.18811	8.37495	3.4022	1
cg17136038	UHRF1BP1	0.141934	0.0986815	1.3709	1.3709	0.0941743	0.725715	-1.37795	0.263053	0.816044	-1.22542	0.352673	0.84652	-1.18131	0.106918	1.35885	1.35885	0.567264	1.10599	1.10599	0.0689345	1.42563	1.42563	0.422272	1.15351	1.15351	0.798136	1.04566	1.04566	2.1881	1.05188	0.427314	1
cg01838385	KIF18B	0.141934	0.63551	0.930752	-1.0744	0.204631	0.817773	-1.22283	0.729767	0.949217	-1.0535	0.905698	1.01797	1.01797	0.987071	0.997568	-1.00244	0.362557	0.868793	-1.15102	0.00597421	1.71625	1.71625	0.460134	0.893128	-1.11966	0.694876	0.942473	-1.06104	2.18809	0.782801	0.318005	1
cg04884420	HYAL2;HYAL2	0.141934	0.601588	1.09223	1.09223	0.336026	1.18073	1.18073	0.833418	1.0359	1.0359	0.095329	1.35919	1.35919	0.326117	1.18506	1.18506	0.781174	1.04774	1.04774	0.00993869	0.579661	-1.72515	0.692404	0.935581	-1.06885	0.595507	1.09388	1.09388	2.18809	0.971922	0.394833	1
cg09276978	DLGAP4;DLGAP4	0.141937	0.470605	0.717151	-1.39441	0.0273503	3.26261	3.26261	0.139472	2.05518	2.05518	0.0795124	2.41484	2.41484	0.170882	0.51659	-1.93577	0.218631	1.79696	1.79696	0.35418	1.54	1.54	0.548785	1.31629	1.31629	0.244896	1.73498	1.73498	2.18807	7.11054	2.8886	1
cg14861803	NUDT16	0.141941	0.300849	1.5949	1.5949	0.464092	1.38331	1.38331	0.947792	1.02893	1.02893	0.553113	1.29857	1.29857	0.226205	0.575022	-1.73906	0.377772	1.48301	1.48301	0.0176453	0.284506	-3.51486	0.693322	1.18837	1.18837	0.0793106	2.33545	2.33545	2.18804	6.57073	2.66935	1
cg08121961	CD244;CD244;CD244	0.141942	0.218674	1.58207	1.58207	0.0427308	0.43732	-2.28666	0.77448	1.10723	1.10723	0.467392	1.29979	1.29979	0.0202696	2.69776	2.69776	0.226547	1.56865	1.56865	0.590297	1.21255	1.21255	0.783777	0.907075	-1.10244	0.847745	0.934116	-1.07053	2.18804	4.35681	1.76995	1
cg12411846	ZNF346	0.141943	0.553342	0.885375	-1.12946	0.0913612	1.45861	1.45861	0.467261	1.16205	1.16205	0.206302	0.762884	-1.31081	0.188512	1.32695	1.32695	0.232897	0.775717	-1.28913	0.871394	1.03344	1.03344	0.0795663	0.673628	-1.4845	0.10092	1.44017	1.44017	2.18803	1.42847	0.580318	1
cg02877152	SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.141946	0.708522	1.07864	1.07864	0.420626	0.84718	-1.18039	0.0285495	0.594045	-1.68338	0.957642	0.989351	-1.01076	0.305081	0.807291	-1.23871	0.154093	1.36008	1.36008	0.160545	1.35277	1.35277	0.734811	1.07093	1.07093	0.0809689	0.677038	-1.47702	2.18801	1.40794	0.571985	1
cg24070541	ODZ4	0.141946	0.352029	0.751359	-1.33092	0.610553	0.857864	-1.16569	0.107521	0.591975	-1.68926	0.6648	0.877985	-1.13897	0.0183658	0.42568	-2.34918	0.297452	0.724401	-1.38045	0.795329	1.08068	1.08068	0.341907	0.746545	-1.3395	0.0150821	0.41004	-2.43879	2.188	3.08741	1.25428	1
cg14937036	COPB2;COPB2	0.141951	0.150455	1.27573	1.27573	0.0499803	1.42358	1.42358	0.0389112	1.45898	1.45898	0.359445	1.16053	1.16053	0.711229	1.06051	1.06051	0.612535	1.08404	1.08404	0.0909734	0.745144	-1.34202	0.352158	1.16332	1.16332	0.599907	0.919777	-1.08722	2.18797	0.865039	0.351432	1
cg12854032	ITPK1;ITPK1;NCRNA00203;ITPK1	0.141953	0.0856249	0.689642	-1.45003	0.0815256	1.45877	1.45877	0.329707	1.21741	1.21741	0.0651127	0.66696	-1.49934	0.378921	0.838161	-1.19309	0.49363	0.872878	-1.14564	0.150232	1.35205	1.35205	0.58259	1.11467	1.11467	0.806925	0.95324	-1.04905	2.18796	1.32544	0.538479	1
cg21049487	HSP90B1	0.141954	0.80101	0.921591	-1.08508	0.558614	1.21076	1.21076	0.999714	1.00012	1.00012	0.578839	1.19876	1.19876	0.148884	0.60621	-1.64959	0.299791	0.706504	-1.41542	0.0324561	0.445081	-2.24678	0.0762776	1.89209	1.89209	0.106456	0.565553	-1.76818	2.18795	3.62243	1.47167	1
cg20537408	C17orf81;DULLARD;C17orf81;C17orf81;C17orf81;DULLARD	0.141955	0.931283	0.980323	-1.02007	0.611644	1.12522	1.12522	0.791692	0.94083	-1.06289	0.422216	1.20793	1.20793	0.158106	1.41582	1.41582	0.993928	0.998248	-1.00175	0.00615839	0.43894	-2.27821	0.945067	1.016	1.016	0.451134	1.19352	1.19352	2.18794	1.83984	0.747467	1
cg25567438	YEATS2	0.141956	0.0613851	1.41523	1.41523	0.94458	1.01152	1.01152	0.590164	1.09373	1.09373	0.852313	0.969757	-1.03119	0.519106	1.11371	1.11371	0.178981	1.26522	1.26522	0.396255	1.1539	1.1539	0.913599	0.982275	-1.01805	0.00570513	1.81724	1.81724	2.18793	0.940872	0.382247	1
cg04133652	MLLT6	0.141957	0.158881	0.791414	-1.26356	0.0264729	0.664491	-1.50491	0.134507	0.778268	-1.2849	0.149292	0.786452	-1.27153	0.292335	0.843897	-1.18498	0.127748	1.29152	1.29152	0.445379	1.12846	1.12846	0.437025	0.88411	-1.13108	0.772895	0.956042	-1.04598	2.18793	0.836309	0.339767	1
cg07131398	RNF17	0.141959	0.297294	1.37606	1.37606	0.0748104	0.556406	-1.79725	0.109042	0.596728	-1.6758	0.0643844	0.541241	-1.84761	0.543471	0.833865	-1.19923	0.0547628	0.525389	-1.90335	0.90656	1.0353	1.0353	0.0789597	0.561978	-1.77943	0.257248	0.705177	-1.41808	2.18791	3.02439	1.22873	1
cg17330295	VARS	0.14196	0.861538	0.911732	-1.09681	0.395289	0.62974	-1.58796	0.139255	0.42663	-2.34395	0.710078	1.21868	1.21868	0.00654312	0.142157	-7.03449	0.136372	0.4235	-2.36127	0.560219	1.36653	1.36653	0.662283	0.792298	-1.26215	0.306543	0.569358	-1.75636	2.30403	10.006	3.37775	1
cg06830145	RBPMS;RBPMS;RBPMS;RBPMS	0.141964	0.837927	0.971782	-1.02904	0.465078	1.10949	1.10949	0.523197	0.913543	-1.09464	0.469508	0.902273	-1.10831	0.0708458	0.754215	-1.32588	0.209765	0.831326	-1.2029	0.140175	1.24832	1.24832	0.340454	0.871713	-1.14717	0.0370453	1.4027	1.4027	2.18788	0.676782	0.274963	1
cg11241206	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF	0.141964	?	?	?	0.0170966	5.08601	5.08601	0.805036	0.879468	-1.13705	?	?	?	?	?	?	?	?	?	0.427989	0.655004	-1.52671	0.644657	1.27331	1.27331	0.557187	1.36256	1.36256	2.55898	5.77536	2.70828	1
cg22379212	RYR1;RYR1	0.141965	0.384169	1.39052	1.39052	0.686755	1.16158	1.16158	0.149857	0.565295	-1.76899	0.0647726	0.464705	-2.1519	0.821083	1.08729	1.08729	0.633015	1.19451	1.19451	0.018683	2.86668	2.86668	0.411988	1.36332	1.36332	0.788967	0.905639	-1.10419	2.18787	4.73011	1.92175	1
cg07223803	PRR13;PRR13	0.141967	0.354702	1.16984	1.16984	0.548149	0.904729	-1.1053	0.0170297	1.61498	1.61498	0.406052	0.869318	-1.15033	0.285217	1.20067	1.20067	0.361315	0.856753	-1.1672	0.204582	0.802074	-1.24677	0.480919	1.12529	1.12529	0.144539	1.29462	1.29462	2.18785	0.940592	0.382147	1
cg23424357	FAM25A	0.141967	0.623522	1.06306	1.06306	0.765045	0.963632	-1.03774	0.550816	0.928116	-1.07745	0.132588	0.818249	-1.22212	0.138893	1.21762	1.21762	0.929395	0.989106	-1.01101	0.0166829	1.43506	1.43506	0.450513	0.909345	-1.09969	0.166806	1.19984	1.19984	2.18785	0.529367	0.215074	1
cg22981153	PTP4A3;PTP4A3	0.141969	0.399	0.792332	-1.2621	0.100561	0.615741	-1.62406	0.0268744	0.493254	-2.02735	0.518853	0.838361	-1.1928	0.0483923	0.544436	-1.83676	0.357437	1.29064	1.29064	0.0797832	0.592075	-1.68897	0.217184	0.704673	-1.4191	0.229818	0.712009	-1.40448	2.18784	2.51822	1.02312	1
cg12807790	DENND3	0.14197	0.418011	0.723575	-1.38203	0.0278989	0.362129	-2.76145	0.155223	0.551763	-1.81237	0.553401	0.791053	-1.26414	0.0558069	0.428645	-2.33293	0.874516	0.940083	-1.06374	0.109675	0.505712	-1.97741	0.168805	1.77395	1.77395	0.23948	0.617815	-1.61861	2.18783	5.29607	2.15173	1
cg02788195	PHYHIPL;PHYHIPL	0.14197	0.587948	0.66097	-1.51293	0.700453	1.33988	1.33988	0.72611	1.30498	1.30498	0.0892163	4.13099	4.13099	0.430164	0.543625	-1.8395	0.081426	4.31401	4.31401	0.0457577	5.65952	5.65952	0.0282209	7.10687	7.10687	0.475236	1.73247	1.73247	2.18783	19.85	8.06481	1
cg20224111	TNK2;TNK2	0.141972	0.786676	1.15131	1.15131	0.384333	0.629199	-1.58932	0.0374179	3.50593	3.50593	0.0877956	2.66101	2.66101	0.931701	0.956453	-1.04553	0.127858	0.425263	-2.35149	0.174931	0.472657	-2.1157	0.416276	1.53963	1.53963	0.283922	1.78287	1.78287	2.18782	9.34836	3.79815	1
cg00491412	KIF5C	0.141973	0.384916	1.99265	1.99265	0.00819574	13.7109	13.7109	0.0729246	4.70292	4.70292	0.504305	1.68949	1.68949	0.253027	0.396937	-2.51929	0.421559	1.88787	1.88787	0.234727	2.62212	2.62212	0.592542	1.51906	1.51906	0.895831	1.1067	1.1067	2.18781	20.7559	8.43292	1
cg00154982	KDM4A	0.141979	0.917125	1.05044	1.05044	0.0926843	0.41696	-2.39831	0.331863	0.622927	-1.60532	0.0357996	0.315101	-3.17359	0.76318	1.15358	1.15358	0.948989	1.03071	1.03071	0.99349	0.99615	-1.00386	?	?	?	0.0530573	2.82724	2.82724	2.20621	6.94275	3.14691	1
cg10756170	AP3M1;AP3M1	0.141991	0.0549735	1.48202	1.48202	0.186439	0.776309	-1.28815	0.062011	0.683948	-1.4621	0.162346	1.30954	1.30954	0.75374	1.05854	1.05854	0.137202	1.33563	1.33563	0.616912	1.09546	1.09546	0.366948	1.18241	1.18241	0.472701	1.14115	1.14115	2.18768	1.13234	0.460085	1
cg11254726	PIK3C2B	0.141992	0.103371	4.35799	4.35799	0.32341	2.32282	2.32282	0.627252	1.49835	1.49835	0.144403	3.65305	3.65305	0.0998397	4.43777	4.43777	0.259813	2.6414	2.6414	0.0137998	12.3671	12.3671	0.0746958	5.15801	5.15801	0.0649865	5.5415	5.5415	2.18767	23.6578	9.61258	1
cg05014103	SPERT	0.141993	0.264136	0.529948	-1.88698	0.970186	1.0206	1.0206	0.777453	0.856773	-1.16717	0.253867	0.522036	-1.91558	0.0149599	0.195501	-5.11505	0.0911168	0.362333	-2.7599	0.0247107	0.232504	-4.301	0.434336	0.64715	-1.54524	0.173859	0.454175	-2.20179	2.18767	10.3113	4.18967	1
cg15962313	KIRREL3;KIRREL3	0.141993	0.926977	1.02974	1.02974	0.0201916	0.408348	-2.44889	0.210256	0.65566	-1.52518	0.152271	0.612453	-1.63278	0.232224	0.669945	-1.49266	0.835536	1.06872	1.06872	0.105204	1.76119	1.76119	0.383209	1.33095	1.33095	0.976321	1.00953	1.00953	2.18767	3.54167	1.43905	1
cg19717326	MYADM;MYADM;MYADM	0.141994	0.184941	0.562402	-1.77809	0.972082	0.985777	-1.01443	0.108528	2.04747	2.04747	0.666513	1.1942	1.1942	0.103321	0.482225	-2.07372	0.147102	0.528928	-1.89062	0.0744253	0.443242	-2.2561	0.216742	0.587394	-1.70243	0.256007	1.62478	1.62478	2.18766	5.80585	2.35903	1
cg23428985	CLIP4	0.141999	0.0839101	0.521793	-1.91647	0.443443	0.766634	-1.3044	0.676649	0.867067	-1.15331	0.15357	0.594723	-1.68146	0.987143	1.0055	1.0055	0.00529347	0.286469	-3.49078	0.353391	0.722707	-1.38369	0.734484	1.12275	1.12275	0.645208	0.854125	-1.17079	2.18762	4.00755	1.62837	1
cg09762115	ST3GAL5;ST3GAL5	0.141999	0.374221	0.518634	-1.92814	0.157568	2.96781	2.96781	0.0311177	6.17885	6.17885	0.899105	0.912735	-1.09561	0.359539	0.507572	-1.97016	0.232958	0.406453	-2.46031	0.128698	0.306684	-3.26068	0.538982	1.56477	1.56477	0.214601	0.390459	-2.56109	2.18762	17.9524	7.29452	1
cg27607584	MAD1L1;MAD1L1;MAD1L1	0.142007	0.573001	0.902399	-1.10816	0.0553741	0.675976	-1.47934	0.0323844	0.636533	-1.57101	0.919094	1.01849	1.01849	0.776474	0.949967	-1.05267	0.429716	1.15645	1.15645	0.0628604	1.45847	1.45847	0.359387	0.843724	-1.18522	0.979525	0.995383	-1.00464	2.18757	1.12654	0.457756	1
cg04453624	DSCAML1	0.142011	0.310227	0.804343	-1.24325	0.500595	0.867824	-1.15231	0.931467	1.018	1.018	0.396932	1.19706	1.19706	0.317004	1.23924	1.23924	0.46045	0.855709	-1.16862	0.0102358	1.95661	1.95661	0.170247	1.35374	1.35374	0.207223	1.31758	1.31758	2.18754	1.48969	0.605324	1
cg15606393	C11orf49;C11orf49;C11orf49;C11orf49	0.142015	0.625862	0.887774	-1.12641	0.319592	1.28297	1.28297	0.00470754	2.48408	2.48408	0.326747	1.27798	1.27798	0.877321	1.03813	1.03813	0.320652	1.28222	1.28222	0.450191	1.20491	1.20491	0.363717	0.797609	-1.25375	0.595114	1.13876	1.13876	2.1875	2.03336	0.826253	1
cg02939781	KLHL6	0.142018	0.195272	0.656731	-1.52269	0.834068	1.06651	1.06651	0.235848	0.682957	-1.46422	0.133609	0.60857	-1.6432	0.0620522	0.524721	-1.90578	0.139455	0.613741	-1.62935	0.157685	0.628928	-1.59001	0.4211	0.777024	-1.28696	0.010285	0.370593	-2.69838	2.18749	3.26437	1.32648	1
cg19316405	PDDC1	0.142018	0.851704	0.932607	-1.07226	0.536912	1.26252	1.26252	0.458024	1.32543	1.32543	0.497979	1.29239	1.29239	0.0101386	0.298461	-3.35052	0.63682	1.194	1.194	0.257035	1.55429	1.55429	0.209789	1.63686	1.63686	0.273801	0.654054	-1.52893	2.18748	4.81541	1.95675	1
cg14695240	FLJ32810	0.14202	0.342635	1.30271	1.30271	0.995067	1.00167	1.00167	0.069585	1.73144	1.73144	0.0686234	1.73551	1.73551	0.196837	0.691378	-1.44639	0.967805	0.989143	-1.01098	0.883022	1.04063	1.04063	0.188602	1.45757	1.45757	0.0258705	2.04526	2.04526	2.18747	2.53454	1.02992	1
cg13367148	DEPDC1;DEPDC1	0.142024	0.930848	1.01415	1.01415	0.239926	0.819396	-1.22041	0.0206471	0.636872	-1.57017	0.881559	1.02443	1.02443	0.49255	1.11943	1.11943	0.663894	0.931671	-1.07334	0.855803	0.970984	-1.02988	0.30551	0.842187	-1.18738	0.0154843	0.618317	-1.61729	2.18744	0.907804	0.368895	1
cg21012061	MFSD4	0.142024	0.0747816	0.160214	-6.24164	0.151657	0.24235	-4.12627	0.580529	1.67368	1.67368	0.245128	0.325701	-3.0703	0.0312899	0.0971763	-10.2906	0.129506	0.22061	-4.53288	0.0343577	0.102546	-9.75171	0.666859	0.670593	-1.49122	0.162844	0.252945	-3.95343	2.18744	29.4954	11.9858	1
cg05926837	WDFY4	0.142025	0.348625	0.755999	-1.32275	0.951325	0.98246	-1.01785	0.0971849	0.589966	-1.69501	0.344217	0.753944	-1.32636	0.00626332	0.356088	-2.8083	0.781262	0.922478	-1.08404	0.328819	0.746649	-1.33932	0.0652033	0.548766	-1.82227	0.310715	0.737822	-1.35534	2.18743	2.91124	1.18302	1
cg16781715	SRGAP3;SRGAP3	0.142031	0.261016	1.42629	1.42629	0.31618	1.36875	1.36875	0.759497	0.911183	-1.09747	0.975954	0.990912	-1.00917	0.610947	1.16813	1.16813	0.944961	0.979304	-1.02113	0.00317716	3.38893	3.38893	0.941312	1.02255	1.02255	0.616604	1.16521	1.16521	2.18739	3.17857	1.29167	1
cg09055205	SCARA5	0.142033	0.0416104	0.18216	-5.48968	0.0470476	0.192515	-5.19441	0.150188	0.326901	-3.05903	0.416854	0.547999	-1.82482	0.0616166	0.21738	-4.60024	0.165388	0.342135	-2.92282	0.0415659	0.182072	-5.49232	0.0808895	0.245835	-4.06777	0.403277	0.537947	-1.85892	2.18738	18.2041	7.39763	1
cg07610777	GJB6;GJB6;GJB6;GJB6	0.142035	0.131966	2.60542	2.60542	0.0709707	3.28087	3.28087	0.0439739	3.90924	3.90924	0.496383	1.50193	1.50193	0.472671	0.650377	-1.53757	0.598355	0.731193	-1.36763	0.286178	1.92004	1.92004	0.0378865	4.12832	4.12832	0.157892	2.43337	2.43337	2.18736	12.017	4.88339	1
cg22801907	MZF1;MZF1;LOC100131691	0.142041	0.753919	0.948943	-1.0538	0.545491	1.10734	1.10734	0.379917	0.860617	-1.16196	0.450915	0.879842	-1.13657	0.264954	0.823974	-1.21363	0.94972	1.01056	1.01056	0.01143	1.69467	1.69467	0.174951	0.786294	-1.27179	0.23697	0.81344	-1.22935	2.18732	0.962117	0.390987	1
cg22276612	FBRSL1	0.142044	0.061741	0.520628	-1.92076	0.98539	1.0057	1.0057	0.579618	1.18956	1.18956	0.676186	0.877824	-1.13918	0.496894	0.80736	-1.2386	0.0067335	0.336226	-2.97419	0.161584	0.628936	-1.58999	0.86258	0.947673	-1.05522	0.967196	1.01284	1.01284	2.18729	3.33389	1.35485	1
cg19509125	MAPK10	0.142054	0.375491	0.793512	-1.26022	0.181461	0.697175	-1.43436	0.076462	0.605839	-1.6506	0.626812	1.13269	1.13269	0.0399243	0.546683	-1.82921	0.178118	0.695	-1.43885	0.111152	0.643201	-1.55472	0.143891	1.49074	1.49074	0.466608	0.828298	-1.2073	2.18723	2.23993	0.910306	1
cg17518710	ZBTB16;ZBTB16	0.142055	0.177075	0.399589	-2.50257	0.689564	0.773583	-1.29269	0.326716	0.523417	-1.91052	0.23468	0.450932	-2.21763	0.0117852	0.133846	-7.47129	0.125904	0.346865	-2.88297	0.0501949	0.23991	-4.16823	0.137245	0.359361	-2.78272	0.0892773	0.301793	-3.31353	2.18722	14.161	5.75503	1
cg09271661	PRDM16;PRDM16	0.142055	0.468325	0.837026	-1.19471	0.337336	0.787822	-1.26932	0.504919	0.849486	-1.17718	0.765029	1.07494	1.07494	0.900304	1.03068	1.03068	0.609214	1.13236	1.13236	0.00642177	2.3508	2.3508	0.253199	1.33338	1.33338	0.256384	1.3306	1.3306	2.18722	2.01361	0.818332	1
cg14986464	BAT5	0.142056	0.248854	0.594296	-1.68266	0.35961	1.50178	1.50178	0.453742	1.39025	1.39025	0.583436	0.787344	-1.27009	0.179491	0.540345	-1.85067	0.453677	0.719258	-1.39032	0.0177699	0.288129	-3.47066	0.0377943	0.353457	-2.8292	0.785795	0.889043	-1.1248	2.18721	6.45663	2.62399	1
cg06222220	LRRC29;LRRC29;LRRC29;TMEM208	0.142056	0.395395	1.57188	1.57188	0.594097	1.32246	1.32246	0.146808	0.445244	-2.24596	0.693885	1.22819	1.22819	0.674205	0.802763	-1.2457	0.808224	0.881302	-1.13468	0.538769	1.38179	1.38179	0.00650486	0.159186	-6.28195	0.581297	1.33567	1.33567	2.18721	9.35287	3.80104	1
cg12968041	ZNRF3	0.14206	0.207896	0.505562	-1.978	0.392798	0.637832	-1.56781	0.338953	1.65913	1.65913	0.656143	1.25884	1.25884	0.089649	0.382455	-2.61469	0.648321	0.789878	-1.26602	0.0289611	0.266442	-3.75317	0.0317465	0.274403	-3.64427	0.354393	0.612988	-1.63135	2.18718	9.14004	3.71459	1
cg00952516	PEBP4	0.142061	0.40952	1.30942	1.30942	0.00798189	2.96474	2.96474	0.916544	0.967054	-1.03407	0.13724	0.599533	-1.66796	0.856556	0.943809	-1.05954	0.766948	1.09965	1.09965	0.767434	1.09942	1.09942	0.171467	1.59254	1.59254	0.304797	1.40446	1.40446	2.18717	3.53855	1.4381	1
cg20712274	PIN1	0.142063	0.192949	1.52806	1.52806	0.718426	1.11787	1.11787	0.79262	1.08446	1.08446	0.0276208	2.22881	2.22881	0.983046	0.993482	-1.00656	0.202749	0.661127	-1.51257	0.313823	0.725738	-1.37791	0.134422	1.64328	1.64328	0.0682946	1.87415	1.87415	2.18716	3.28037	1.33319	1
cg26406186	PPM1L	0.142063	0.14259	0.549302	-1.82049	0.0204868	0.34597	-2.89042	0.0960613	0.499191	-2.00324	0.346971	1.44504	1.44504	0.499843	0.770773	-1.2974	0.374693	0.707255	-1.41392	0.186597	0.587302	-1.7027	0.374082	1.41458	1.41458	0.153753	0.559596	-1.787	2.18716	5.00556	2.03432	1
cg03768007	SUV420H2	0.142063	0.0725262	1.85875	1.85875	0.327026	1.36756	1.36756	0.120529	1.68363	1.68363	0.406567	1.3004	1.3004	?	?	?	0.00965984	2.75419	2.75419	0.402019	1.30388	1.30388	0.112878	1.70551	1.70551	0.407037	1.30004	1.30004	2.20559	2.97182	1.34741	1
cg03704061	CAPN9;CAPN9	0.142065	0.965175	1.01144	1.01144	0.955709	1.01457	1.01457	0.212674	1.40769	1.40769	0.0215584	2.05246	2.05246	0.730111	1.09442	1.09442	0.181378	1.44722	1.44722	0.168208	0.682101	-1.46606	0.160059	1.47852	1.47852	0.0633011	1.72306	1.72306	2.18714	2.35102	0.955492	1
cg03953500	ME3;ME3;ME3;ME3	0.142065	0.35039	1.28321	1.28321	0.914897	1.02812	1.02812	0.989697	1.00336	1.00336	0.712849	0.908554	-1.10065	0.356915	1.27867	1.27867	0.557258	1.16649	1.16649	0.00588292	0.392559	-2.54739	0.282805	1.3358	1.3358	0.771767	1.07838	1.07838	2.18714	2.33148	0.94755	1
cg17058616	SLC16A5	0.142068	0.141583	0.396735	-2.52058	0.281777	1.92369	1.92369	0.66872	1.28631	1.28631	0.373412	0.586001	-1.70648	0.0681665	0.302829	-3.3022	0.0707551	0.306971	-3.25764	0.0937148	0.340241	-2.9391	0.0666433	0.300346	-3.32949	0.197478	0.450761	-2.21847	2.18712	11.85	4.81608	1
cg05130386	CLASP2	0.142073	0.396455	1.39137	1.39137	0.344808	1.4479	1.4479	0.750304	0.885643	-1.12912	0.225966	1.62195	1.62195	0.36558	1.42418	1.42418	0.2551	1.57136	1.57136	0.0217304	2.85167	2.85167	0.0132182	3.21629	3.21629	0.161235	1.7667	1.7667	2.18709	5.01143	2.03678	1
cg18046087	KLC2;RAB1B;KLC2;KLC2;KLC2	0.142075	0.0933855	0.724889	-1.37952	0.0534602	1.46582	1.46582	0.246852	1.23505	1.23505	0.248613	1.23399	1.23399	0.112802	1.35111	1.35111	0.489567	0.884816	-1.13018	0.268106	0.817825	-1.22276	0.363607	0.849782	-1.17677	0.925197	1.01651	1.01651	2.18707	1.05281	0.427892	1
cg05380003	CLTB;CLTB	0.142077	0.0710836	0.331096	-3.02028	0.103065	0.37621	-2.65809	0.67667	0.794609	-1.25848	0.859749	0.907595	-1.10181	0.0491004	0.291865	-3.42624	0.377979	0.609024	-1.64197	0.0266185	0.23682	-4.22261	0.452421	1.52143	1.52143	0.136537	0.415061	-2.40928	2.18706	10.4099	4.23091	1
cg05756446	RAVER2	0.142078	0.215668	0.705269	-1.4179	0.306663	0.753082	-1.32788	0.176067	0.680146	-1.47027	0.676008	1.11921	1.11921	0.0280819	0.499028	-2.0039	0.56116	0.854322	-1.17052	0.0500602	0.549528	-1.81974	0.90082	1.03397	1.03397	0.030283	0.505372	-1.97874	2.18705	2.487	1.0108	1
cg27355739	EPB41L2;EPB41L2;EPB41L2	0.142081	0.32179	0.884499	-1.13058	0.306895	0.880878	-1.13523	0.441864	0.910255	-1.09859	0.0494654	0.764294	-1.3084	0.0635827	1.28415	1.28415	0.951632	0.992753	-1.0073	0.382349	0.898144	-1.11341	0.528427	1.07959	1.07959	0.0938265	1.24724	1.24724	2.18703	0.498019	0.202413	1
cg00122628	WISP1;WISP1	0.142086	0.110463	1.79956	1.79956	0.190634	0.626176	-1.597	0.0974693	1.84831	1.84831	0.256966	1.4913	1.4913	0.0788797	1.93312	1.93312	0.095924	1.85461	1.85461	0.418639	0.756418	-1.32202	0.120529	1.76615	1.76615	0.45848	1.29046	1.29046	2.187	3.95216	1.60633	1
cg03492874	VPS28;VPS28	0.142086	0.448689	0.826614	-1.20975	0.738013	1.08632	1.08632	0.252503	1.34285	1.34285	0.653056	1.11806	1.11806	0.0198463	0.499781	-2.00088	0.163464	0.692946	-1.44311	0.105887	1.54589	1.54589	0.322142	1.28692	1.28692	0.87487	0.961878	-1.03963	2.18699	2.10688	0.856328	1
cg27193005	BTN2A2;BTN2A2	0.142087	0.0994362	0.500649	-1.99741	0.283612	1.5323	1.5323	0.115996	0.51972	-1.92411	0.553488	0.794825	-1.25814	0.0421998	0.407951	-2.45127	0.235757	1.60965	1.60965	0.16227	1.77111	1.77111	0.999126	1.00042	1.00042	0.97144	0.986378	-1.01381	2.18699	5.08359	2.0662	1
cg05386387	FBXO15;FBXO15;C18orf55;FBXO15	0.142088	0.769863	0.818902	-1.22115	0.207616	0.39786	-2.51345	0.610959	1.41923	1.41923	0.285727	0.46545	-2.14846	0.0246291	0.14297	-6.99447	0.672414	1.33639	1.33639	0.125714	3.1915	3.1915	0.588622	1.45178	1.45178	0.126607	3.18087	3.18087	2.46628	17.22	4.65479	1
cg09046445	JPH3	0.142089	0.34102	0.74586	-1.34073	0.571001	1.18662	1.18662	0.624653	1.15877	1.15877	0.15011	0.630625	-1.58573	0.0483907	0.509664	-1.96208	0.473629	0.804288	-1.24334	0.0143085	0.4055	-2.46609	0.967464	0.987885	-1.01226	0.134584	0.617476	-1.61949	2.18697	3.0933	1.25726	1
cg10169183	C16orf46;C16orf46	0.142094	0.124612	0.543525	-1.83984	0.018243	0.34966	-2.85992	0.0519569	0.444481	-2.24982	0.274209	0.658883	-1.51772	0.125968	0.544906	-1.83518	0.906234	0.95771	-1.04416	0.605469	0.826068	-1.21055	0.297045	1.48653	1.48653	0.888381	0.949807	-1.05285	2.18694	4.6574	1.89302	1
cg05299361	CCNY;CCNY	0.142095	0.185579	0.538489	-1.85705	0.906024	0.949254	-1.05346	0.402944	0.685617	-1.45854	0.0672768	2.47007	2.47007	0.543384	0.762429	-1.3116	0.748581	1.15235	1.15235	0.013741	3.83194	3.83194	0.631309	1.23765	1.23765	0.755377	0.871258	-1.14777	2.18693	6.73514	2.73754	1
cg13702185	RGS12;RGS12	0.142099	0.187002	0.573982	-1.74222	0.0680371	2.25052	2.25052	0.293814	0.649063	-1.54068	0.118581	0.510423	-1.95916	0.0272967	0.35462	-2.81992	0.621884	0.820928	-1.21813	0.181546	0.569529	-1.75584	0.461803	0.742784	-1.34629	0.82689	0.916736	-1.09083	2.1869	5.45696	2.21804	1
cg14144728	MIR200B	0.1421	0.078939	0.502965	-1.98821	0.133339	1.76901	1.76901	0.345905	0.71038	-1.4077	0.852678	0.936611	-1.06768	0.00971627	0.315915	-3.16541	0.709223	0.876379	-1.14106	0.597823	0.828999	-1.20627	0.998995	1.00044	1.00044	0.761976	0.898513	-1.11295	2.18689	4.29818	1.74705	1
cg02047051	TMEM40	0.1421	0.0647011	0.202374	-4.94135	0.768612	1.25502	1.25502	0.637336	0.693757	-1.44143	0.0960273	0.244764	-4.08557	0.0292759	0.138434	-7.22368	0.351161	0.477663	-2.09353	0.033492	0.147675	-6.77163	0.205126	0.357228	-2.79933	0.127944	0.281619	-3.5509	2.18689	20.5347	8.34658	1
cg03093076	NDUFS7	0.142101	0.138214	0.677057	-1.47698	0.751201	0.925223	-1.08082	0.00876952	0.442347	-2.26067	0.163292	1.43844	1.43844	0.747018	1.08229	1.08229	0.991101	0.997279	-1.00273	0.231297	0.735806	-1.35905	0.959964	1.01234	1.01234	0.453705	0.829867	-1.20501	2.18688	2.06778	0.840477	1
cg09247259	SCN4A	0.142102	0.00928958	0.292938	-3.41369	0.575129	1.23451	1.23451	0.177625	0.586857	-1.70399	0.280478	0.658797	-1.51792	0.311647	0.677467	-1.47609	0.910518	0.959039	-1.04271	0.188861	1.67844	1.67844	0.793199	0.906884	-1.10268	0.268706	0.651453	-1.53503	2.18688	4.79335	1.94833	1
cg26851933	MLLT3	0.142106	0.0719186	0.609409	-1.64093	0.017284	0.489251	-2.04394	0.11186	0.652575	-1.53239	0.31835	1.2895	1.2895	0.709135	0.911765	-1.09677	0.938233	1.01929	1.01929	0.237606	0.737131	-1.35661	0.273794	0.755222	-1.32411	0.134875	0.672088	-1.4879	2.18685	2.10487	0.855568	1
cg19349143	TBC1D22A	0.142108	0.961703	1.01109	1.01109	0.127661	0.684881	-1.46011	0.572912	0.877299	-1.13986	0.177071	1.39054	1.39054	0.640924	0.89768	-1.11398	0.0923549	0.653324	-1.53063	0.0247879	1.84793	1.84793	0.375688	0.81146	-1.23235	0.822904	0.949793	-1.05286	2.18684	1.82891	0.743403	1
cg13795831	CTSZ	0.142112	0.818133	1.12382	1.12382	0.769176	0.861455	-1.16083	0.987669	1.00786	1.00786	0.223319	0.522855	-1.91258	0.587659	1.31978	1.31978	0.437487	1.49392	1.49392	0.00784144	5.63644	5.63644	0.137277	2.25049	2.25049	0.411613	0.653457	-1.53032	2.18681	8.8957	3.61591	1
cg02873868	DLL3;DLL3	0.142112	0.108108	0.2728	-3.66568	0.0385545	0.1322	-7.56431	0.353361	1.87277	1.87277	0.989584	0.991917	-1.00815	0.233762	0.426754	-2.34327	0.299763	0.488608	-2.04663	0.118348	3.4672	3.4672	0.24341	2.29187	2.29187	0.776068	1.19505	1.19505	3.96557	19.4924	1.63847	1
cg09519954	CREBBP;CREBBP	0.142114	0.838362	0.898578	-1.11287	0.00693842	6.22814	6.22814	0.0370008	3.55425	3.55425	0.270592	1.82316	1.82316	0.9759	1.01594	1.01594	0.647223	1.27283	1.27283	0.815352	1.1303	1.1303	0.314987	1.7229	1.7229	0.995225	1.00314	1.00314	2.18679	9.49408	3.85917	1
cg21388527	EPHA6	0.142116	0.360959	1.85812	1.85812	0.00845618	0.10881	-9.19036	0.740671	0.803224	-1.24498	0.979699	1.01693	1.01693	0.528666	0.656315	-1.52366	0.569252	1.46155	1.46155	?	?	?	0.31065	0.500535	-1.99786	0.287387	2.07251	2.07251	2.2052	13.5122	6.12742	1
cg14595558	AFAP1;AFAP1	0.142118	0.0715317	1.39827	1.39827	0.347449	1.17487	1.17487	0.157421	0.777359	-1.28641	0.471817	0.885216	-1.12967	0.118113	0.753772	-1.32666	0.245639	0.81686	-1.2242	0.186121	1.26303	1.26303	0.974331	0.994654	-1.00537	0.1192	0.754505	-1.32537	2.18676	0.961113	0.39068	1
cg26544247	DNMT3A;DNMT3A;DNMT3A	0.14212	0.197036	0.543437	-1.84014	0.402072	0.68149	-1.46737	0.84554	0.916481	-1.09113	0.355741	0.653916	-1.52925	0.676114	0.828721	-1.20668	0.584632	0.781272	-1.27996	0.0113071	0.242083	-4.13081	0.0164479	0.269607	-3.70911	0.233565	0.572089	-1.74798	2.18674	6.92483	2.81487	1
cg21954109	LOC93622	0.142123	0.154789	1.1491	1.1491	0.072939	1.20027	1.20027	0.873457	1.01465	1.01465	0.397592	1.08226	1.08226	0.109411	1.17269	1.17269	0.424959	1.07719	1.07719	0.11725	1.16799	1.16799	0.0174887	1.30209	1.30209	0.0411042	1.23997	1.23997	2.18673	0.288461	0.117257	1
cg26912312	SLCO4A1	0.142124	0.488354	1.09129	1.09129	0.175582	0.836331	-1.1957	0.149648	1.2113	1.2113	0.110152	1.24119	1.24119	0.777686	1.03575	1.03575	0.031967	0.732079	-1.36597	0.297021	0.874444	-1.14358	0.978988	1.00327	1.00327	0.312621	1.13839	1.13839	2.18671	0.533311	0.216788	1
cg01717331	MED8;MED8;C1orf84	0.14213	0.534475	0.814688	-1.22746	0.621495	1.17602	1.17602	0.720062	1.12439	1.12439	0.157565	0.611199	-1.63613	0.536416	0.8155	-1.22624	0.174356	0.62455	-1.60115	0.178725	1.59266	1.59266	0.090533	1.83596	1.83596	0.0366542	2.20555	2.20555	2.18667	3.67556	1.49413	1
cg08680085	MST4;MST4;MST4;MST4;MST4	0.142131	0.0408854	0.12722	-7.86039	0.998312	0.998154	-1.00185	0.999364	0.999303	-1.0007	0.0729109	5.74132	5.74132	0.119007	4.3851	4.3851	0.0720217	0.173015	-5.77985	0.853742	0.851104	-1.17494	0.703267	1.39704	1.39704	0.964254	1.03993	1.03993	2.18667	26.433	10.7451	1
cg17920820	TTC7B	0.142132	0.185608	0.739847	-1.35163	0.28021	1.27249	1.27249	0.682442	1.09233	1.09233	0.851456	0.960556	-1.04106	0.839845	0.957491	-1.0444	0.071237	1.54119	1.54119	0.0245214	1.77733	1.77733	0.136098	1.41168	1.41168	0.13469	1.41371	1.41371	2.18666	1.59598	0.648776	1
cg26192748	GTF2IRD2	0.142133	0.108348	0.565101	-1.7696	0.0796504	1.88482	1.88482	0.0345601	0.44796	-2.23234	0.495025	0.797907	-1.25328	0.531618	0.813459	-1.22932	0.387206	0.749162	-1.33483	0.150002	1.65342	1.65342	0.990526	1.00388	1.00388	0.556694	0.823908	-1.21373	2.18665	3.67688	1.49468	1
cg09701392	ITGA2B	0.142133	0.0421467	0.682066	-1.46613	0.0569152	1.42211	1.42211	0.737506	1.05651	1.05651	0.421637	0.874448	-1.14358	0.423461	0.874928	-1.14295	0.592724	1.09225	1.09225	0.088968	0.735952	-1.35878	0.68888	0.93634	-1.06799	0.268746	1.20714	1.20714	2.18665	0.925047	0.376038	1
cg20350943	KLHL22	0.142136	0.667447	0.937109	-1.06711	0.300654	0.851147	-1.17489	0.0103879	0.615702	-1.62416	0.787541	1.04143	1.04143	0.243554	1.20125	1.20125	0.184845	1.23533	1.23533	0.297476	1.17623	1.17623	0.607559	0.925109	-1.08095	0.873261	0.976295	-1.02428	2.18663	0.782074	0.317922	1
cg07087859	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.142137	0.595323	0.905505	-1.10436	0.669687	0.923617	-1.0827	0.209346	1.27764	1.27764	0.485534	0.877019	-1.14023	0.0532068	0.665832	-1.50188	0.018726	1.69477	1.69477	0.906682	1.02195	1.02195	0.401303	0.852937	-1.17242	0.640528	1.09099	1.09099	2.18662	1.18742	0.482702	1
cg24626851	DLGAP3	0.142142	0.156371	1.98379	1.98379	0.0499241	2.74619	2.74619	0.143023	2.03635	2.03635	0.367047	1.5199	1.5199	0.515563	0.742401	-1.34698	0.998423	0.999107	-1.00089	0.0552698	2.66892	2.66892	0.0255833	3.31462	3.31462	0.302767	1.61977	1.61977	2.18659	7.06872	2.87357	1
cg14071922	CFL2;CFL2;CFL2;CFL2;CFL2	0.142142	0.418867	0.847374	-1.18012	0.788869	0.94761	-1.05529	0.285078	1.24935	1.24935	0.176747	0.749835	-1.33363	0.117222	1.4066	1.4066	0.0485753	0.63653	-1.57102	0.195705	0.760065	-1.31568	0.237101	1.2819	1.2819	0.279498	1.25285	1.25285	2.18658	1.39213	0.565927	1
cg12560877	ADAMTS15	0.142145	0.587717	1.07854	1.07854	0.139828	1.24537	1.24537	0.0288779	1.42746	1.42746	0.0683789	1.32557	1.32557	0.111254	1.27078	1.27078	0.5989	1.07607	1.07607	0.0629573	1.33502	1.33502	0.496739	0.909089	-1.1	0.10586	1.27632	1.27632	2.18656	0.66071	0.268594	1
cg26838345	MLLT1	0.142146	0.427922	0.661595	-1.5115	0.0183343	4.31021	4.31021	0.649547	1.263	1.263	0.823512	0.892246	-1.12077	0.364453	0.621474	-1.60908	0.843627	1.10606	1.10606	0.120952	0.423869	-2.35922	0.101302	2.49867	2.49867	0.440449	0.669284	-1.49413	2.18656	9.02166	3.66752	1
cg16120275	C14orf184	0.142146	0.10013	2.30821	2.30821	0.489001	0.721547	-1.38591	0.628524	0.79743	-1.25403	0.412845	1.47512	1.47512	0.0790662	2.47277	2.47277	0.738594	1.16825	1.16825	0.0270576	3.37116	3.37116	0.25098	1.7453	1.7453	0.0481293	2.85412	2.85412	2.18656	7.46585	3.03505	1
cg09635667	MNT	0.142147	0.274928	1.41358	1.41358	0.0803504	1.80591	1.80591	0.440833	1.27063	1.27063	0.586963	0.846083	-1.18192	0.0778077	0.550355	-1.81701	0.033325	2.13376	2.13376	0.809036	1.07656	1.07656	0.320683	0.731505	-1.36704	0.915624	0.968223	-1.03282	2.18655	3.21533	1.30711	1
cg01743020	MYT1L	0.142149	0.3882	1.48205	1.48205	0.339914	1.54891	1.54891	0.673976	1.20711	1.20711	0.960259	0.978077	-1.02241	0.0888049	0.43386	-2.30489	0.692315	1.19355	1.19355	0.0518144	2.67633	2.67633	0.264009	1.67858	1.67858	0.0230657	3.34976	3.34976	2.18654	6.85327	2.78605	1
cg19610253	CCDC74B	0.142152	0.0238179	0.563363	-1.77506	0.349899	1.22717	1.22717	0.680227	0.915606	-1.09217	0.294315	0.793419	-1.26037	0.0609108	0.638004	-1.56739	0.201678	0.750637	-1.3322	0.226658	1.31004	1.31004	0.225998	0.763013	-1.31059	0.395394	0.830961	-1.20343	2.18651	1.56733	0.637173	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02411995	ROGDI	0.142154	0.352978	1.72951	1.72951	0.0269763	4.48776	4.48776	0.0443284	3.75847	3.75847	0.267972	1.93754	1.93754	0.157927	2.37596	2.37596	0.234842	2.04164	2.04164	0.0234715	4.71801	4.71801	0.149601	2.42442	2.42442	0.201119	2.1682	2.1682	2.1865	11.3781	4.62561	1
cg22428102	WWC2;C4orf38	0.142154	0.511282	0.919482	-1.08757	0.0711491	1.28915	1.28915	0.322979	1.13727	1.13727	0.961944	1.00603	1.00603	0.682695	0.94953	-1.05315	0.301973	0.873943	-1.14424	0.0158896	0.689264	-1.45082	0.62811	0.94035	-1.06343	0.345629	1.13019	1.13019	2.1865	0.549779	0.223504	1
cg03580236	FAT1	0.142154	0.910834	0.98437	-1.01588	0.316123	0.864377	-1.1569	0.572531	0.922941	-1.08349	0.272793	1.1741	1.1741	0.569836	0.92241	-1.08412	0.00580127	1.66224	1.66224	0.339168	1.14859	1.14859	0.4407	1.11691	1.11691	0.803861	1.03561	1.03561	2.1865	0.684795	0.278393	1
cg18969029	HDLBP;HDLBP	0.142156	0.459034	1.5782	1.5782	0.0123695	6.58426	6.58426	0.0156095	6.01525	6.01525	0.436442	1.61685	1.61685	0.849446	0.891356	-1.12189	0.909256	0.933323	-1.07144	0.748024	1.21539	1.21539	0.325817	1.84781	1.84781	0.357573	1.77289	1.77289	2.18648	12.6838	5.15645	1
cg16655905	SPINT2;SPINT2;SPINT2;SPINT2	0.142163	0.0657275	43.1983	43.1983	0.987958	0.972855	-1.0279	0.127193	20.2462	20.2462	0.0844036	32.4944	32.4944	0.544408	0.326681	-3.06109	0.393739	4.91874	4.91874	0.681135	2.12431	2.12431	0.0135812	262.163	262.163	0.859962	0.724683	-1.37991	2.18643	115.15	46.8141	1
cg08477641	TREX1;TREX1;TREX1;TREX1	0.142163	0.915284	1.01689	1.01689	0.62761	1.07999	1.07999	0.0782718	0.734958	-1.36062	0.0907911	0.745795	-1.34085	0.96865	1.00621	1.00621	0.037196	1.46342	1.46342	0.868249	0.974203	-1.02648	0.984621	1.00304	1.00304	0.099806	1.32833	1.32833	2.18643	0.858145	0.348876	1
cg04320760	FUT11	0.142164	0.0919715	0.641666	-1.55844	0.203062	1.37902	1.37902	0.969389	0.990864	-1.00922	0.583902	1.14144	1.14144	0.40218	0.814594	-1.22761	0.734141	0.921702	-1.08495	0.0219096	0.518044	-1.93034	0.392201	0.810861	-1.23326	0.142393	1.45815	1.45815	2.18643	1.98094	0.805346	1
cg18403193	C6orf176	0.142166	0.222943	0.534582	-1.87062	0.0435795	0.321504	-3.11038	0.202033	0.517493	-1.93239	0.622193	0.784361	-1.27492	0.0433301	0.320944	-3.11581	0.783444	0.873955	-1.14422	0.0577876	0.350271	-2.85493	0.127138	0.446286	-2.24072	0.033844	0.297713	-3.35894	2.18642	8.28127	3.36676	1
cg24524895	PEX11A	0.142167	0.293786	0.420507	-2.37808	0.0725183	0.2031	-4.92367	0.1115	0.251838	-3.97081	0.379294	0.487965	-2.04933	0.0063707	0.0593364	-16.8531	0.459496	0.549296	-1.82051	0.146979	0.289921	-3.44921	0.625741	0.676368	-1.47848	0.207048	0.346972	-2.88208	2.1864	21.9134	8.90897	1
cg26993848	ABHD12B;ABHD12B	0.142168	0.927141	1.06097	1.06097	0.667986	0.75638	-1.32209	0.745919	0.810274	-1.23415	0.674775	0.761032	-1.314	0.0785885	0.282474	-3.54015	0.753589	0.815648	-1.22602	0.0111653	7.8303	7.8303	0.213238	2.3354	2.3354	0.442093	1.6606	1.6606	2.1864	14.4994	5.89478	1
cg15293422	CDC42EP3	0.142172	0.155496	0.484295	-2.06486	0.339372	0.625141	-1.59964	0.159065	0.487723	-2.05034	0.122238	0.449762	-2.2234	0.0580319	0.359832	-2.77908	0.658891	0.809016	-1.23607	0.0303265	0.296826	-3.36897	0.0196681	0.260717	-3.83558	0.497813	0.720117	-1.38866	2.18637	7.88065	3.20395	1
cg18091046	MTUS2;MTUS2	0.142176	0.686226	0.682522	-1.46516	0.450858	0.485524	-2.05963	0.540214	0.558122	-1.79172	0.507095	1.88322	1.88322	0.137538	4.50023	4.50023	0.220913	3.35438	3.35438	0.0140157	17.3425	17.3425	0.0642188	7.06954	7.06954	0.916906	1.10313	1.10313	2.18634	30.6282	12.4523	1
cg20149600	TENC1	0.142177	0.952368	1.00759	1.00759	0.0698414	1.29235	1.29235	0.0141043	1.46708	1.46708	0.615596	1.06614	1.06614	0.408047	1.113	1.113	0.512304	0.919365	-1.08771	0.448976	0.907004	-1.10253	0.0707318	1.29106	1.29106	0.403625	1.11418	1.11418	2.18633	0.554168	0.225306	1
cg19901866	IL17RA	0.142181	0.467848	0.814355	-1.22796	0.579501	0.8559	-1.16836	0.066699	0.564645	-1.77103	0.161644	1.51512	1.51512	0.38936	1.27791	1.27791	0.673442	1.12506	1.12506	0.0357005	1.97296	1.97296	0.136505	1.56198	1.56198	0.353815	1.3037	1.3037	2.18631	2.67607	1.08801	1
cg19368679	RAB35;RAB35	0.142184	0.0510995	1.24388	1.24388	0.629276	0.953339	-1.04895	0.8388	1.02021	1.02021	0.163843	1.15714	1.15714	0.219003	1.13541	1.13541	0.047517	1.24941	1.24941	0.350446	0.909909	-1.09901	0.0573479	1.23516	1.23516	0.187997	1.14688	1.14688	2.18629	0.334146	0.135856	1
cg20358158	PRODH	0.142185	0.39063	0.758704	-1.31804	0.899302	0.961036	-1.04054	0.139654	1.64703	1.64703	0.421124	1.29434	1.29434	0.283912	1.41833	1.41833	0.902304	1.0393	1.0393	0.697229	0.884494	-1.13059	0.243534	1.46678	1.46678	0.00655423	3.03028	3.03028	2.18628	3.4124	1.3874	1
cg18802332	WISP1;WISP1	0.142187	0.93309	0.984171	-1.01608	0.444841	0.862434	-1.15951	0.145149	1.34619	1.34619	0.498652	0.877645	-1.13941	0.828881	1.04199	1.04199	0.207937	0.777025	-1.28696	0.0164757	1.74507	1.74507	0.129144	0.732296	-1.36557	0.876809	1.02991	1.02991	2.18626	1.25012	0.508271	1
cg00485312	RADIL	0.142188	0.0387073	0.573832	-1.74267	0.04838	0.592577	-1.68755	0.0666614	1.61133	1.61133	0.704901	1.09228	1.09228	0.428247	0.828919	-1.20639	0.616429	1.12431	1.12431	0.950815	1.01441	1.01441	0.307643	0.782708	-1.27762	0.557979	0.871575	-1.14735	2.18625	1.86364	0.757722	1
cg18590611	ZMPSTE24	0.142189	0.79474	0.955984	-1.04604	0.0945359	0.728117	-1.37341	0.0108423	0.575568	-1.73741	0.935903	1.01398	1.01398	0.115401	0.74415	-1.34381	0.506937	0.890257	-1.12327	0.31408	1.19692	1.19692	0.847552	0.967317	-1.03379	0.162898	0.773237	-1.29326	2.18625	1.03215	0.419651	1
cg04724477	FAM91A1	0.142191	0.234911	0.607428	-1.64628	0.0419739	2.55609	2.55609	0.391217	1.42158	1.42158	0.217612	1.68096	1.68096	0.11474	0.503171	-1.98739	0.720262	0.865895	-1.15487	0.236136	0.608296	-1.64394	0.1408	0.530282	-1.88579	0.741459	1.14176	1.14176	2.18623	5.55172	2.25725	1
cg11308211	SLC25A12;SLC25A12	0.142191	0.0413495	0.48008	-2.08299	0.0665536	1.89949	1.89949	0.808066	1.07885	1.07885	0.38641	0.758136	-1.31902	0.513432	0.813281	-1.22959	0.0989338	0.568828	-1.758	0.577718	0.839132	-1.19171	0.584646	1.18784	1.18784	0.191054	1.53991	1.53991	2.18623	3.36739	1.36913	1
cg09245073	ASGR1	0.142192	0.0690495	0.355452	-2.81332	0.140627	0.4467	-2.23864	0.10406	0.405108	-2.46848	0.785272	0.870354	-1.14896	0.0463328	0.313347	-3.19135	0.0845079	0.37901	-2.63846	0.0203851	0.241413	-4.14228	0.329263	0.599337	-1.66851	0.31342	0.588538	-1.69913	2.18622	8.95093	3.63933	1
cg14751199	MAD1L1;MAD1L1;MAD1L1	0.142203	0.955513	0.984971	-1.01526	0.811418	0.937176	-1.06704	0.509601	0.833943	-1.19912	0.964454	0.987976	-1.01217	0.661663	1.12697	1.12697	0.673086	1.12209	1.12209	0.00321858	2.97816	2.97816	0.336455	1.30869	1.30869	0.79566	1.07299	1.07299	2.18615	2.55132	1.03737	1
cg25404233	KIAA1147	0.142205	0.791466	0.965949	-1.03525	0.0064096	1.58986	1.58986	0.363015	1.13	1.13	0.173924	0.827694	-1.20818	0.83779	1.02716	1.02716	0.309897	0.871647	-1.14725	0.8633	1.02278	1.02278	0.707547	1.0505	1.0505	0.911338	0.985543	-1.01467	2.18613	0.591754	0.240609	1
cg09553840	ASAP1	0.142206	0.373419	0.669785	-1.49302	0.861955	1.07933	1.07933	0.645657	0.816208	-1.22518	0.120187	2.09474	2.09474	0.00802238	0.225356	-4.43742	0.361566	0.662728	-1.50892	0.46781	0.723211	-1.38272	0.733591	1.16166	1.16166	0.286342	0.615283	-1.62527	2.18612	6.66187	2.70875	1
cg04156850	GRB2;GRB2	0.142206	0.325969	0.715359	-1.3979	0.161958	1.63757	1.63757	0.735733	0.894148	-1.11838	0.705653	0.882209	-1.13352	0.431576	0.767112	-1.30359	0.898076	0.958557	-1.04323	0.109086	0.561515	-1.7809	0.00836998	0.328666	-3.0426	0.331161	0.718086	-1.39259	2.18612	3.77697	1.53573	1
cg23661183	ABLIM1;ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.142211	0.187902	1.76498	1.76498	0.724974	0.86605	-1.15467	0.578531	1.25668	1.25668	0.140621	1.90659	1.90659	0.0729033	0.442865	-2.25802	0.519788	1.30429	1.30429	0.0893688	0.466448	-2.14386	0.0850518	0.460586	-2.17115	0.455691	0.733939	-1.36251	2.18609	5.73911	2.33359	1
cg02712878	FAIM;FAIM;FAIM;FAIM	0.142212	0.854016	0.952624	-1.04973	0.0354141	1.90681	1.90681	0.683001	0.897453	-1.11426	0.622742	0.87751	-1.13959	0.0966045	0.618366	-1.61717	0.238263	0.722161	-1.38473	0.806933	0.937518	-1.06665	0.0310826	0.513321	-1.9481	0.628019	0.879275	-1.1373	2.18608	2.40411	0.97754	1
cg15981620	TYK2	0.142212	0.082881	0.479662	-2.0848	0.439216	0.739469	-1.35232	?	?	?	0.13708	1.84535	1.84535	0.0546614	0.434353	-2.30227	0.327602	0.679357	-1.47198	0.497831	0.768513	-1.30121	0.285942	1.52801	1.52801	0.323013	1.47777	1.47777	2.20448	4.54229	2.06048	1
cg25745135	PRDM16;PRDM16	0.142212	0.412559	1.24712	1.24712	0.00532521	2.63234	2.63234	0.0617342	1.74133	1.74133	0.549118	1.17327	1.17327	0.322332	1.3093	1.3093	0.677806	1.11643	1.11643	0.29655	1.33016	1.33016	0.866151	0.956506	-1.04547	0.801026	0.9356	-1.06883	2.18608	2.40582	0.978236	1
cg09085978	ARSK;TTC37	0.142216	0.16386	1.51964	1.51964	0.0756181	1.74554	1.74554	0.00664251	2.69721	2.69721	0.828374	0.940679	-1.06306	0.791265	1.07758	1.07758	0.163789	1.51976	1.51976	0.844036	0.94603	-1.05705	0.437343	1.25003	1.25003	0.631896	1.14563	1.14563	2.18605	2.7469	1.11694	1
cg17956964	PNLDC1	0.14222	0.28921	1.43013	1.43013	0.087964	1.85579	1.85579	0.903708	1.03991	1.03991	0.71082	1.12806	1.12806	0.983761	1.0066	1.0066	0.692081	1.13747	1.13747	0.842189	1.06659	1.06659	0.217758	1.52582	1.52582	0.0121411	0.350884	-2.84994	2.30193	3.73148	1.26079	1
cg02751838	LDHD;LDHD	0.14222	0.22221	0.653201	-1.53092	0.212499	0.646676	-1.54637	0.80513	0.921218	-1.08552	0.859598	1.06054	1.06054	0.107575	0.558227	-1.79139	0.0360668	0.445154	-2.24641	0.0124425	0.35611	-2.80812	0.17707	0.621088	-1.61008	0.365808	0.734586	-1.36131	2.18602	3.81535	1.55141	1
cg06824199	KIAA0494	0.142226	0.228506	0.489653	-2.04226	0.599114	0.741047	-1.34944	0.0341203	4.04278	4.04278	0.49379	1.48084	1.48084	0.196624	0.462402	-2.16262	0.589407	1.36048	1.36048	0.379871	0.601135	-1.66352	0.0437144	3.70576	3.70576	0.929393	0.951162	-1.05135	2.18598	11.051	4.49369	1
cg23330710	PIGT	0.142229	0.391786	0.711042	-1.40639	0.762505	1.12459	1.12459	0.970906	0.985976	-1.01422	0.00747257	0.249217	-4.01257	0.113728	0.509058	-1.96441	0.769796	1.1204	1.1204	0.775806	0.895285	-1.11696	0.890173	0.947899	-1.05496	0.237975	1.61947	1.61947	2.30186	5.35179	1.80832	1
cg04625914	IGSF9B	0.142233	0.695643	1.1394	1.1394	0.571805	1.20882	1.20882	0.597373	1.19354	1.19354	0.229671	1.51948	1.51948	0.0486773	2.11153	2.11153	0.899411	1.04287	1.04287	0.665932	0.865732	-1.15509	0.00822171	3.07154	3.07154	0.117384	1.75863	1.75863	2.18593	3.8144	1.55109	1
cg08219219	EPHX3;EPHX3	0.14224	0.0420207	0.520846	-1.91995	0.686034	1.11979	1.11979	0.100545	0.606034	-1.65007	0.0754894	0.576437	-1.7348	0.107316	0.613027	-1.63125	0.100209	0.605678	-1.65104	0.0481298	0.533214	-1.87542	0.261046	0.721566	-1.38587	0.164572	0.661781	-1.51107	2.18588	2.68325	1.09114	1
cg05696136	FMNL2	0.14224	0.244914	1.72424	1.72424	0.493293	1.36563	1.36563	0.767818	0.875816	-1.14179	0.162993	1.94832	1.94832	0.147018	2.00778	2.00778	0.192934	1.8536	1.8536	0.00892893	4.43643	4.43643	0.102469	2.22632	2.22632	0.110982	2.17649	2.17649	2.18588	6.94479	2.8241	1
cg11396313	CTNNBIP1;CTNNBIP1	0.142242	0.136403	0.494955	-2.02039	0.484202	1.36559	1.36559	0.998603	0.999233	-1.00077	0.534249	0.7589	-1.3177	0.0481497	0.37163	-2.69085	0.10754	0.463108	-2.15932	0.0480153	0.371348	-2.69289	0.0350799	0.340919	-2.93325	0.650397	0.818756	-1.22137	2.18587	6.65013	2.70429	1
cg21207916	GNL1;PRR3;PRR3	0.142246	0.0136604	0.54638	-1.83023	0.353428	1.20829	1.20829	0.465175	0.863038	-1.1587	0.32923	0.819107	-1.22084	0.710302	0.928729	-1.07674	0.901051	1.02496	1.02496	0.0302083	0.603493	-1.65702	0.592963	1.11285	1.11285	0.498464	0.872688	-1.14588	2.18584	1.35947	0.552841	1
cg06947852	PLXDC1	0.142247	0.117855	0.722296	-1.38447	0.39072	1.1835	1.1835	0.92288	0.981622	-1.01872	0.661261	1.08814	1.08814	0.0374339	0.629639	-1.58821	0.874208	1.03082	1.03082	0.0393087	1.57899	1.57899	0.738033	1.06642	1.06642	0.294779	1.2314	1.2314	2.18583	1.27043	0.516633	1
cg05209527	SLC5A6;C2orf28;SLC5A6;C2orf28;C2orf28	0.142247	0.139054	0.464372	-2.15344	0.262091	1.75655	1.75655	0.0123863	4.48085	4.48085	0.598644	1.2916	1.2916	0.785173	0.876665	-1.14069	0.409401	0.666008	-1.50148	0.254531	0.563743	-1.77386	0.506603	0.722799	-1.38351	0.752629	0.858711	-1.16454	2.18583	8.03455	3.26733	1
cg05867158	DIP2C	0.14225	0.588817	0.881959	-1.13384	0.0242693	0.538969	-1.8554	0.0613867	0.615642	-1.62432	0.737255	0.925429	-1.08058	0.0274436	0.548611	-1.82279	0.595358	0.883937	-1.1313	0.888066	1.03295	1.03295	0.438684	1.19938	1.19938	0.255544	0.760944	-1.31416	2.18581	1.83388	0.745774	1
cg25628543	E2F7	0.14225	0.768295	1.14094	1.14094	0.908105	1.05289	1.05289	0.14399	2.01492	2.01492	0.701747	1.18736	1.18736	0.392808	0.676582	-1.47802	0.00784822	0.218146	-4.58409	0.209044	0.553782	-1.80577	0.608593	0.794125	-1.25925	0.714461	1.17822	1.17822	2.18581	6.89568	2.80423	1
cg07580783	PPP1R12C	0.142251	0.279751	1.28474	1.28474	0.179245	0.727515	-1.37454	0.757088	1.07163	1.07163	0.890534	0.969762	-1.03118	0.777477	1.06522	1.06522	0.739316	0.928241	-1.07731	0.729971	0.925648	-1.08032	0.00999768	2.06515	2.06515	0.0895574	1.51796	1.51796	2.1858	1.72122	0.699959	1
cg19973758	C20orf166;MIR133A2	0.142251	0.666696	0.883065	-1.13242	0.0806822	0.573513	-1.74364	0.273161	0.720861	-1.38723	0.130453	0.62578	-1.59801	0.0273623	0.472762	-2.11523	0.415073	1.27009	1.27009	0.0406787	0.50751	-1.9704	0.134813	0.629583	-1.58835	0.446991	0.800557	-1.24913	2.1858	2.85149	1.1596	1
cg03265892	VTA1	0.142254	0.221579	1.40206	1.40206	0.124422	0.645601	-1.54895	0.377962	1.26863	1.26863	0.0547538	0.563803	-1.77367	0.772653	1.07917	1.07917	0.482045	1.20677	1.20677	0.805153	1.06717	1.06717	0.0564513	0.566623	-1.76484	0.251911	1.37001	1.37001	2.18577	2.39499	0.973971	1
cg26454158	ZNF136	0.142259	0.0216317	0.52827	-1.89297	0.419282	1.21041	1.21041	0.193766	1.3746	1.3746	0.956507	0.987459	-1.0127	0.334113	1.25924	1.25924	0.671051	1.1039	1.1039	0.111559	0.66963	-1.49336	0.715007	1.08856	1.08856	0.149874	0.699618	-1.42935	2.18574	1.8535	0.753773	1
cg10248231	PRDM16;PRDM16	0.142261	0.526784	0.821168	-1.21778	0.153877	1.59845	1.59845	0.0428721	0.488695	-2.04626	0.0950891	0.569223	-1.75678	0.756044	1.10048	1.10048	0.635777	1.15786	1.15786	0.201661	1.51322	1.51322	0.261416	1.43307	1.43307	0.219306	0.672417	-1.48717	2.18572	3.26747	1.32881	1
cg20962211	DNAJC10	0.142263	0.0597078	1.62026	1.62026	0.103533	0.667405	-1.49834	0.56693	1.14048	1.14048	0.918215	0.976943	-1.0236	0.0920906	1.52368	1.52368	0.270153	0.770453	-1.29794	0.102407	1.5007	1.5007	0.322159	1.26147	1.26147	0.545188	0.870174	-1.1492	2.18572	1.78559	0.726166	1
cg11029704	PDE12	0.142263	0.231508	1.18863	1.18863	0.452187	1.11122	1.11122	0.210598	1.19919	1.19919	0.20961	1.19971	1.19971	0.143119	1.24195	1.24195	0.0403865	1.38544	1.38544	0.0882166	0.771792	-1.29569	0.289535	0.859524	-1.16343	0.661055	1.06264	1.06264	2.18571	0.656348	0.266924	1
cg10785340	H2AFY;H2AFY;H2AFY;H2AFY	0.142264	0.031518	0.167363	-5.97504	0.140195	0.324702	-3.07975	0.123747	0.306778	-3.25969	0.400837	0.543607	-1.83957	0.0746903	0.244812	-4.08477	0.339717	0.497851	-2.00863	0.029307	0.162063	-6.17044	0.792887	1.20504	1.20504	0.111566	0.292759	-3.41578	2.18571	17.3915	7.07281	1
cg18923051	MEX3A	0.142266	0.3299	0.753342	-1.32742	0.847515	1.05573	1.05573	0.712396	1.10994	1.10994	0.858325	0.950912	-1.05162	0.254312	0.715114	-1.39838	0.324648	0.750866	-1.3318	0.0156401	0.433952	-2.3044	0.0181263	0.445581	-2.24426	0.27866	0.728103	-1.37343	2.18569	2.74698	1.11716	1
cg01876531	PLXNA2	0.142268	0.0611944	0.393002	-2.54452	0.277461	1.64878	1.64878	0.102308	2.20682	2.20682	0.98863	0.993711	-1.00633	0.0805369	0.423955	-2.35874	0.740247	1.15869	1.15869	0.180914	0.533175	-1.87556	0.405244	0.685918	-1.4579	0.158808	0.513354	-1.94797	2.18568	6.7848	2.7593	1
cg23832438	ZNF212	0.142268	0.781292	0.95223	-1.05017	0.49932	1.12818	1.12818	0.119547	1.34591	1.34591	0.413167	0.863173	-1.15852	0.866877	0.970925	-1.02995	0.0210185	0.613716	-1.62942	0.0406231	0.659831	-1.51554	0.909566	1.02018	1.02018	0.918468	1.01817	1.01817	2.18568	1.07073	0.435453	1
cg00081347	SGSH	0.142272	0.934303	1.02075	1.02075	0.845077	1.04994	1.04994	0.962253	0.98828	-1.01186	0.702974	1.10014	1.10014	0.0354625	0.54338	-1.84033	0.6615	1.116	1.116	0.0161084	2.08245	2.08245	0.336179	0.781115	-1.28022	0.448846	0.825092	-1.21199	2.18565	2.14808	0.873609	1
cg20310435	PRKRA;PRKRA;PRKRA;MIR548N;DFNB59	0.142275	0.66212	0.902664	-1.10783	0.708913	0.91637	-1.09126	0.700892	1.09405	1.09405	0.103685	0.660722	-1.5135	0.986105	0.995952	-1.00406	0.0296358	0.55085	-1.81538	0.139658	1.44797	1.44797	0.164537	0.70796	-1.41251	0.159453	1.41927	1.41927	2.18563	1.87745	0.763555	1
cg23552779	HYAL3;NAT6;HYAL3	0.142277	0.233737	1.98578	1.98578	0.159399	0.43767	-2.28483	0.755601	1.18717	1.18717	0.684713	1.25147	1.25147	0.0157567	0.196742	-5.08279	0.0695642	0.327796	-3.05067	0.249925	0.516485	-1.93616	0.909502	1.06448	1.06448	0.949096	0.965525	-1.03571	2.18561	10.4523	4.25094	1
cg14603345	BTBD3	0.142279	0.18	1.86709	1.86709	0.706107	0.848149	-1.17904	0.75533	0.872956	-1.14553	0.0123917	0.246377	-4.05882	0.255471	1.68065	1.68065	0.53733	1.31243	1.31243	?	?	?	0.447711	0.713801	-1.40095	0.480818	0.731902	-1.3663	2.3187	6.03141	2.27606	1
cg04710198	TBC1D22A	0.142281	0.179006	1.59507	1.59507	0.49589	1.25376	1.25376	0.767155	0.907448	-1.10199	0.317795	1.40178	1.40178	0.0118027	0.357559	-2.79674	0.605894	0.843474	-1.18557	0.138181	1.68557	1.68557	0.896653	0.958387	-1.04342	0.627909	0.852362	-1.17321	2.18558	3.70297	1.50602	1
cg16586182	SCAP	0.142281	0.833544	0.932423	-1.07248	0.0595777	2.02772	2.02772	0.933615	1.02809	1.02809	0.720788	0.887522	-1.12673	0.544007	1.22653	1.22653	0.333962	0.717976	-1.3928	0.0103865	0.341965	-2.92428	0.760703	0.903426	-1.1069	0.634471	1.17262	1.17262	2.18558	3.82636	1.5562	1
cg18717689	MIR455;COL27A1	0.142282	0.0573897	0.571313	-1.75035	0.229227	1.38904	1.38904	0.219557	1.39968	1.39968	0.227365	1.39105	1.39105	0.0350726	0.527555	-1.89554	0.818304	0.941829	-1.06176	0.996503	0.998859	-1.00114	0.446955	0.817191	-1.2237	0.362118	0.783513	-1.2763	2.18558	2.34799	0.954945	1
cg22486214	RPTOR;RPTOR	0.142282	0.277347	0.727428	-1.37471	0.335868	1.32252	1.32252	0.212107	1.44809	1.44809	0.420919	1.26063	1.26063	0.321362	0.749311	-1.33456	0.350952	0.763056	-1.31052	0.0212585	0.458426	-2.18138	0.436756	1.25042	1.25042	0.150044	0.647482	-1.54444	2.18558	2.74667	1.11709	1
cg09844292	MASP2	0.142288	0.526985	0.772614	-1.29431	0.290674	1.55477	1.55477	0.816617	1.098	1.098	0.206191	1.71027	1.71027	0.0391321	0.382586	-2.61379	0.608902	0.81246	-1.23083	0.0331453	0.367003	-2.72477	0.285238	1.56317	1.56317	0.665835	0.839564	-1.19109	2.18553	5.60674	2.28035	1
cg12043732	SLCO4A1	0.142289	0.821791	0.858671	-1.16459	0.37451	1.85083	1.85083	0.0940701	0.288428	-3.46707	0.329119	0.506493	-1.97436	0.113105	0.312039	-3.20473	0.776673	1.21176	1.21176	0.00930948	0.107731	-9.28234	0.843716	1.1426	1.1426	0.614162	0.709401	-1.40964	2.18553	15.7893	6.42178	1
cg01274402	ANKRD11	0.14229	0.0219925	0.492732	-2.0295	0.626255	0.884293	-1.13085	0.719812	1.09439	1.09439	0.931001	0.97856	-1.02191	0.826241	0.946454	-1.05658	0.872645	0.960644	-1.04097	0.0196543	2.06872	2.06872	0.789963	1.06912	1.06912	0.64796	0.89122	-1.12206	2.30136	2.23458	0.755208	1
cg27607340	CCNT1;CCNT1	0.142291	0.698997	0.946101	-1.05697	0.994024	0.998933	-1.00107	0.481383	1.10744	1.10744	0.758537	0.956986	-1.04495	0.947734	1.00939	1.00939	0.280551	0.852194	-1.17344	0.00539297	0.593133	-1.68596	0.717633	1.05315	1.05315	0.229768	1.19684	1.19684	2.18551	0.703798	0.286248	1
cg00787856	CASZ1;CASZ1	0.142293	0.820258	0.944585	-1.05867	0.332511	0.778468	-1.28457	0.986372	0.995731	-1.00429	0.41244	1.23358	1.23358	0.585101	0.871009	-1.14809	0.214274	0.7207	-1.38754	0.0340361	1.85849	1.85849	0.0368395	0.544753	-1.8357	0.34457	1.27619	1.27619	2.1855	2.17204	0.883415	1
cg04065880	FBRSL1	0.142296	0.396505	1.15898	1.15898	0.926905	1.01571	1.01571	0.282058	0.826997	-1.20919	0.454042	0.878453	-1.13837	0.198153	1.25999	1.25999	0.0591116	1.43638	1.43638	0.254788	1.2239	1.2239	0.0637265	0.701749	-1.42501	0.193632	0.791581	-1.26329	2.18547	0.999429	0.406494	1
cg20544852	TRIM27	0.142296	0.112983	0.429895	-2.32615	0.376622	0.644076	-1.55261	0.322915	0.60921	-1.64147	0.331228	0.614759	-1.62665	0.0746441	0.377028	-2.65232	0.031814	0.287583	-3.47726	0.574585	1.31567	1.31567	0.176902	2.01339	2.01339	0.1315	0.451237	-2.21613	2.30131	8.32325	2.81302	1
cg18409705	GCA	0.142298	0.423148	0.552418	-1.81022	0.204596	2.64064	2.64064	0.011964	9.72372	9.72372	0.360834	1.97668	1.97668	0.916749	1.0788	1.0788	0.304687	0.462523	-2.16205	0.170264	0.346643	-2.88482	0.571524	1.51401	1.51401	0.477173	1.68927	1.68927	2.18546	18.213	7.40776	1
cg18405786	KLHL26	0.1423	0.0473302	4.99581	4.99581	0.111396	3.41873	3.41873	0.555163	0.655022	-1.52667	0.493862	0.61107	-1.63647	0.0721309	0.241016	-4.1491	0.273675	0.445959	-2.24236	0.159732	2.90088	2.90088	0.794293	0.830905	-1.20351	0.842829	1.15111	1.15111	2.18545	17.3944	7.07485	1
cg21572000	DCAF5	0.142303	0.0996331	0.247402	-4.042	0.121065	0.272236	-3.67329	0.0649029	0.201013	-4.97481	0.0866915	0.231199	-4.32529	0.449138	0.550494	-1.81655	0.0465045	0.171241	-5.83972	0.0309638	0.14079	-7.10279	0.533272	0.613621	-1.62967	0.0916828	0.237574	-4.20921	2.18543	20.7334	8.43298	1
cg24402683	ZNF556	0.142303	0.0120931	0.181093	-5.52201	0.579177	0.73642	-1.35792	0.662184	1.27138	1.27138	0.600308	1.33475	1.33475	0.155098	0.435621	-2.29557	0.345292	0.588096	-1.7004	0.624933	1.30877	1.30877	0.277254	0.539484	-1.85362	0.052037	0.299051	-3.34391	2.18542	10.3241	4.1992	1
cg08441475	C10orf137	0.142304	0.37521	1.48492	1.48492	0.435718	1.41262	1.41262	0.383377	1.47447	1.47447	0.37927	1.47969	1.47969	0.058405	0.394949	-2.53197	0.296562	0.624908	-1.60023	0.641569	0.815746	-1.22587	0.0193897	3.41454	3.41454	0.798746	1.11738	1.11738	2.18542	6.53157	2.65663	1
cg07169618	SLC35F3	0.142305	0.17566	0.59243	-1.68796	0.0205494	0.362618	-2.75772	0.0546304	0.452678	-2.20907	0.131145	0.552911	-1.80861	0.0760198	0.487824	-2.04992	0.975443	1.01125	1.01125	0.445274	1.32696	1.32696	0.859301	0.93753	-1.06663	0.542	0.798984	-1.25159	2.18541	4.57475	1.86072	1
cg13429435	EIF5AL1	0.142306	0.566736	1.26978	1.26978	0.0278123	2.92261	2.92261	0.0416093	2.6352	2.6352	0.90247	1.05187	1.05187	0.588151	0.798104	-1.25297	0.566645	1.26986	1.26986	0.0345694	2.76351	2.76351	0.114656	2.0293	2.0293	0.761073	1.13405	1.13405	2.18541	5.88869	2.39516	1
cg23106912	MCOLN2	0.142307	0.728339	1.16062	1.16062	0.0237885	3.16631	3.16631	0.982212	0.990522	-1.00957	0.613352	0.804397	-1.24317	0.284352	0.621828	-1.60816	0.856159	0.925416	-1.0806	0.239921	0.591167	-1.69157	0.0763061	2.322	2.322	0.108711	2.11143	2.11143	2.18539	6.31617	2.56904	1
cg08630080	PAQR5;PAQR5	0.142309	0.948109	1.02053	1.02053	0.012941	2.62022	2.62022	0.113887	1.71096	1.71096	0.34335	0.73727	-1.35635	0.316807	0.72388	-1.38144	0.180339	0.641329	-1.55926	0.953104	1.01853	1.01853	0.963028	1.01458	1.01458	0.559293	1.20245	1.20245	2.18538	3.37446	1.37254	1
cg19216660	SGSM2;SGSM2	0.142309	0.603729	1.08095	1.08095	0.833483	1.03179	1.03179	0.0790537	0.748354	-1.33627	0.353036	1.15265	1.15265	0.385004	0.875986	-1.14157	0.0219208	0.664486	-1.50492	0.686459	1.06218	1.06218	0.33611	1.15887	1.15887	0.106611	0.769572	-1.29942	2.18538	0.764911	0.311122	1
cg25772669	FAM53C;FAM53C	0.142311	0.309592	1.93456	1.93456	0.171274	0.400856	-2.49466	0.859198	1.11788	1.11788	0.353504	1.82048	1.82048	0.343219	1.84558	1.84558	0.189675	0.418189	-2.39127	0.620902	0.731345	-1.36734	0.0316356	4.86113	4.86113	0.0722233	3.5224	3.5224	2.18537	13.6316	5.54458	1
cg18369516	ZBTB46	0.142312	0.9387	1.10125	1.10125	0.631924	1.83157	1.83157	0.999435	0.999112	-1.00089	0.0330568	22.763	22.763	0.135677	0.133133	-7.5113	0.507636	0.43049	-2.32294	0.521437	0.4427	-2.25887	0.0328834	22.8567	22.8567	0.27854	4.10759	4.10759	2.18536	54.4206	22.1355	1
cg20138486	C1QTNF9	0.142324	0.685492	0.906477	-1.10317	0.113016	0.659691	-1.51586	0.0446602	0.573534	-1.74357	0.25869	0.752609	-1.32871	0.43634	0.825711	-1.21108	0.174007	0.705545	-1.41734	0.185492	1.40298	1.40298	0.0262832	0.529618	-1.88815	0.636749	0.891613	-1.12156	2.18527	2.01297	0.818804	1
cg10816738	WHSC2	0.142329	0.150134	0.722919	-1.38328	0.0517062	0.627692	-1.59314	0.930204	1.0186	1.0186	0.167632	0.733934	-1.36252	0.0429105	0.612592	-1.63241	0.149347	0.722401	-1.38427	0.525011	0.8733	-1.14508	0.565857	0.885084	-1.12984	0.12798	1.41355	1.41355	2.18524	1.53098	0.622757	1
cg03433728	APBA2;APBA2	0.142331	0.12872	0.482266	-2.07354	0.338855	0.645402	-1.54942	0.696585	1.19012	1.19012	0.280911	0.607868	-1.64509	0.0204706	0.289267	-3.45701	0.763291	0.874454	-1.14357	0.0185174	0.281231	-3.5558	0.688494	1.19602	1.19602	0.555935	0.767546	-1.30285	2.18522	6.82777	2.77735	1
cg18426444	AARSD1;AARSD1;AARSD1;AARSD1;RUNDC1	0.142333	0.393738	1.92082	1.92082	0.139203	0.301675	-3.31483	0.0223195	0.12269	-8.15063	0.79786	0.826027	-1.21061	0.719448	1.30826	1.30826	0.298309	2.24122	2.24122	?	?	?	0.203659	2.73785	2.73785	0.372242	1.98325	1.98325	2.31824	17.7067	6.68325	1
cg02312175	OCA2	0.142334	0.0625258	6.76643	6.76643	0.0291972	10.422	10.422	0.0990747	5.20342	5.20342	0.570987	1.68586	1.68586	0.0435495	8.30529	8.30529	0.656779	1.50371	1.50371	0.382333	0.441667	-2.26415	0.408646	2.16161	2.16161	0.857142	0.848439	-1.17864	2.1852	28.7936	11.7126	1
cg03466717	ZNF423	0.142336	0.096537	0.661254	-1.51228	0.251053	0.761959	-1.31241	0.0574979	0.614466	-1.62743	0.127193	0.688023	-1.45344	0.203025	0.737398	-1.35612	0.301868	1.2744	1.2744	0.201288	1.35789	1.35789	0.448457	0.83936	-1.19138	0.116107	0.679005	-1.47274	2.18518	1.77852	0.723467	1
cg04619185	FAM118A;FAM118A	0.142337	0.292536	0.723593	-1.38199	0.280556	0.71727	-1.39417	0.396539	0.773202	-1.29332	0.121508	0.60814	-1.64436	0.21252	0.677728	-1.47552	0.695236	0.889902	-1.12372	0.00397592	0.317511	-3.1495	0.316976	0.736033	-1.35863	0.893806	0.961204	-1.04036	2.18518	3.03766	1.23566	1
cg26908755	CD320;CD320	0.142341	0.940759	1.06831	1.06831	0.901081	0.895326	-1.11691	?	?	?	0.707095	1.39954	1.39954	0.552039	1.71105	1.71105	0.71561	1.38513	1.38513	?	?	?	?	?	?	0.0114563	0.0466741	-21.4252	2.52339	20.0543	7.94737	1
cg11781976	ADPGK;ADPGK;ADPGK	0.142343	0.540604	0.875048	-1.14279	0.731166	1.07714	1.07714	0.00482085	2.23841	2.23841	0.149945	1.39455	1.39455	0.908118	1.02519	1.02519	0.343836	1.23381	1.23381	0.562226	1.13457	1.13457	0.234136	1.30832	1.30832	0.22945	1.31222	1.31222	2.18514	1.60675	0.653606	1
cg18540299	EGLN2;EGLN2	0.142348	0.325888	1.38348	1.38348	0.0743877	1.88919	1.88919	0.605408	1.18149	1.18149	0.376492	1.33699	1.33699	0.0915305	0.551787	-1.81229	0.222583	0.663543	-1.50706	0.0426604	0.473893	-2.11018	0.831977	1.07035	1.07035	0.980223	1.00796	1.00796	2.1851	3.54385	1.44162	1
cg12287025	ACCS;ACCS	0.14235	0.161335	0.0737902	-13.5519	0.306671	6.3226	6.3226	0.458231	0.268152	-3.72922	0.164742	13.2331	13.2331	0.308073	0.159068	-6.28662	0.815975	0.666159	-1.50114	0.272307	7.3236	7.3236	0.711285	0.523176	-1.9114	0.0178984	150.576	150.576	2.18508	105.082	42.7474	1
cg23254334	ELAVL1	0.142352	0.399869	0.826763	-1.20954	0.961752	0.98947	-1.01064	0.0378603	0.587713	-1.70151	0.47581	0.852092	-1.17358	0.14375	0.706984	-1.41446	0.103035	1.48244	1.48244	0.11382	1.46194	1.46194	0.508389	1.15963	1.15963	0.382116	0.820479	-1.2188	2.18507	1.68633	0.686002	1
ch.1.2348804F	CNN3	0.142355	0.0205785	0.163235	-6.12615	0.141167	0.357598	-2.79644	0.173577	0.390296	-2.56216	0.0487419	0.231618	-4.31746	0.0751585	0.275926	-3.62416	0.128942	0.344315	-2.90432	0.0698752	0.267893	-3.73283	0.22704	0.438614	-2.27991	0.277578	0.480105	-2.08288	2.18505	14.613	5.94463	1
cg03408122	SBF1	0.142355	0.769808	0.938178	-1.0659	0.0505091	1.62372	1.62372	0.880859	0.967908	-1.03316	0.0254929	1.78128	1.78128	0.0885699	1.50469	1.50469	0.2772	1.27862	1.27862	0.0839132	1.51582	1.51582	0.271905	1.28239	1.28239	0.606402	0.893127	-1.11966	2.18505	1.63682	0.665865	1
cg07780979	PDCD6;AHRR	0.142355	0.179919	0.606765	-1.64808	0.760527	0.89831	-1.1132	0.0754164	0.499389	-2.00245	0.333208	0.704575	-1.4193	0.0117998	0.331831	-3.01358	0.0658049	0.48472	-2.06305	0.892619	0.953725	-1.04852	0.805364	0.917036	-1.09047	0.0846169	0.512164	-1.9525	2.18505	4.25874	1.73248	1
cg04124626	PLCXD3	0.142356	0.662944	1.64384	1.64384	0.7015	0.646306	-1.54725	0.068442	10.0936	10.0936	0.300211	3.37604	3.37604	0.170633	0.191345	-5.22616	0.149103	0.173179	-5.77438	0.0471213	13.129	13.129	0.177857	5.06692	5.06692	0.566987	1.92676	1.92676	2.18504	44.4506	18.0828	1
cg00524706	GALNT9	0.142357	0.615314	1.23415	1.23415	0.00587712	4.46767	4.46767	0.0566002	2.45001	2.45001	0.695747	1.17726	1.17726	0.64851	1.20993	1.20993	0.314508	1.54017	1.54017	0.356164	1.48302	1.48302	0.101097	2.10755	2.10755	0.800868	1.11065	1.11065	2.18503	5.96665	2.42728	1
cg04114269	C3orf26;FILIP1L;MIR548G;FILIP1L	0.142358	0.0362108	0.690637	-1.44794	0.0444562	1.42015	1.42015	0.136393	0.783587	-1.27618	0.772383	1.04506	1.04506	0.923466	0.985503	-1.01471	0.165828	0.798838	-1.25182	0.783726	0.959049	-1.0427	0.475421	0.895568	-1.11661	0.253813	0.834346	-1.19854	2.18503	0.799281	0.325155	1
cg12364755	PAFAH1B1	0.142359	0.870097	0.952046	-1.05037	0.24048	1.44627	1.44627	0.0137759	2.4948	2.4948	0.282748	1.39812	1.39812	0.956564	0.983779	-1.01649	0.362872	1.32418	1.32418	0.206644	0.670375	-1.4917	0.207752	0.671099	-1.49009	0.26768	1.41438	1.41438	2.18502	3.11982	1.26918	1
cg11691287	KRT83	0.142361	0.196071	0.468761	-2.13328	0.325055	1.75629	1.75629	0.659394	0.782065	-1.27867	0.12886	0.402705	-2.4832	0.0611436	0.310548	-3.22012	0.454608	0.655657	-1.52519	0.111569	0.382711	-2.61294	0.0565689	0.30234	-3.30754	0.0410288	0.270699	-3.69414	2.185	10.629	4.32401	1
cg00399162	IMMP2L	0.142364	0.159297	0.690231	-1.44879	0.483321	1.19195	1.19195	0.0910494	0.632049	-1.58216	0.324659	1.28492	1.28492	0.380227	1.24839	1.24839	0.997212	0.999139	-1.00086	0.0962246	1.56865	1.56865	0.221767	1.37236	1.37236	0.0555693	1.70698	1.70698	2.18498	2.10229	0.855247	1
cg00945964	SLC16A6;ARSG	0.142364	0.698163	1.05392	1.05392	0.0146096	0.666808	-1.49968	0.141081	0.807896	-1.23778	0.570812	0.925703	-1.08026	0.893038	1.0183	1.0183	0.834043	0.972121	-1.02868	0.297581	1.15665	1.15665	0.114211	1.26056	1.26056	0.351098	0.878681	-1.13807	2.18498	0.628494	0.255682	1
cg12260343	MLLT6	0.142364	0.76373	1.08946	1.08946	0.770602	1.08666	1.08666	0.986625	0.995247	-1.00478	0.757157	0.915614	-1.09216	0.596448	0.85908	-1.16404	0.889335	0.961201	-1.04037	0.00302222	0.314952	-3.17509	0.613294	1.15587	1.15587	0.829745	1.06312	1.06312	2.18498	2.79572	1.13735	1
cg13157980	EIF2C2;EIF2C2	0.142366	0.293942	0.59721	-1.67445	0.323007	0.61669	-1.62156	0.43086	0.683369	-1.46334	0.167399	0.498138	-2.00747	0.114552	0.443654	-2.25401	0.404146	0.667498	-1.49813	0.00634592	0.185899	-5.37927	0.0606991	0.367393	-2.72188	0.767695	0.869125	-1.15058	2.18497	7.75944	3.15669	1
cg05304331	ZNF561	0.142368	0.399884	0.835806	-1.19645	0.441334	1.17752	1.17752	0.022927	1.76186	1.76186	0.243247	0.775586	-1.28935	0.382129	1.20509	1.20509	0.526683	0.875021	-1.14283	0.236387	0.772421	-1.29463	0.172987	0.739479	-1.3523	0.239609	1.29213	1.29213	2.18495	1.499	0.609829	1
cg20246990	PARP4	0.142369	0.929501	0.958722	-1.04305	0.760335	1.15691	1.15691	0.351865	0.633556	-1.57839	0.0713274	0.383085	-2.61039	0.00682664	0.188365	-5.30885	0.969267	0.981814	-1.01852	0.22912	0.54815	-1.82432	0.599834	0.777099	-1.28684	0.132454	0.461436	-2.16715	2.18495	7.85303	3.1948	1
cg05315206	JAK3	0.14237	0.0556102	0.663404	-1.50738	0.0432534	0.644105	-1.55254	0.288583	0.811854	-1.23175	0.353175	0.834649	-1.19811	0.089628	0.701848	-1.42481	0.210555	0.779106	-1.28352	0.204588	0.776262	-1.28823	0.345815	0.832194	-1.20164	0.141356	1.34884	1.34884	2.18494	1.23867	0.503924	1
cg15700776	CYP2U1	0.142374	0.971829	0.990259	-1.00984	0.777502	1.0817	1.0817	0.0177637	2.22344	2.22344	0.159837	1.51641	1.51641	0.551675	1.18168	1.18168	0.596498	0.862327	-1.15965	0.286235	0.735646	-1.35935	0.320641	0.752417	-1.32905	0.0663328	1.76984	1.76984	2.18491	2.65923	1.08185	1
cg21308919	MGST2	0.142376	0.0588083	0.6736	-1.48456	0.059941	1.48131	1.48131	0.196894	1.28734	1.28734	0.758066	1.05887	1.05887	0.108985	0.723545	-1.38208	0.520507	0.886404	-1.12815	0.281159	0.81272	-1.23044	0.657263	0.920655	-1.08618	0.266311	0.807007	-1.23915	2.1849	1.18598	0.482497	1
cg17788362	SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP	0.142376	0.380108	1.46719	1.46719	0.0208042	0.305829	-3.2698	0.181607	0.546745	-1.82901	0.781168	1.12589	1.12589	0.323514	0.647804	-1.54368	0.317378	0.643988	-1.55282	0.126978	2.01939	2.01939	0.312977	1.55951	1.55951	0.439886	0.71505	-1.3985	2.18489	6.27342	2.55224	1
cg09793866	STAR;STAR	0.142379	0.638161	0.857315	-1.16643	0.0592722	1.99786	1.99786	0.661056	1.15419	1.15419	0.949225	0.979515	-1.02091	0.0321799	0.442436	-2.26021	0.658121	1.15574	1.15574	0.964171	0.985507	-1.01471	0.0558541	2.02197	2.02197	0.455437	0.781082	-1.28028	2.18488	3.65523	1.48708	1
cg14549811	GCNT1;GCNT1;GCNT1;GCNT1;GCNT1;GCNT1	0.14238	0.336186	0.733374	-1.36356	0.541604	0.824299	-1.21315	0.0753671	0.538432	-1.85724	0.00829341	0.348054	-2.87312	0.0424739	0.48162	-2.07632	0.208785	0.660779	-1.51337	0.406717	0.766888	-1.30397	0.714385	0.89142	-1.12181	0.303222	0.71643	-1.39581	2.18487	3.38375	1.37664	1
cg12276472	ELL	0.142382	0.939807	1.02494	1.02494	0.121604	1.72881	1.72881	0.561983	1.21077	1.21077	0.0273178	0.426644	-2.34388	0.0713186	0.518386	-1.92906	0.567838	1.20724	1.20724	0.157281	0.61058	-1.63779	0.338985	0.725068	-1.37918	0.948559	0.979174	-1.02127	2.18485	3.68192	1.49796	1
cg03810769	ADAP1	0.142382	0.138985	0.469656	-2.12922	0.010275	0.215471	-4.64099	0.127546	0.457518	-2.18571	0.640416	1.25014	1.25014	0.146786	0.477585	-2.09387	0.549699	0.750335	-1.33274	0.107524	0.434507	-2.30146	0.207968	0.532573	-1.87768	0.948899	1.03088	1.03088	2.18485	7.79269	3.17039	1
cg17016394	OLIG1	0.142383	0.227334	0.787193	-1.27034	0.878359	1.02934	1.02934	0.844659	0.96364	-1.03773	0.19536	1.29508	1.29508	0.468316	1.14949	1.14949	0.0427936	0.643889	-1.55306	0.0668496	1.47389	1.47389	0.181953	1.30668	1.30668	0.254676	1.25176	1.25176	2.18485	1.23346	0.501823	1
cg09547314	PTPRS;PTPRS;PTPRS;PTPRS	0.142385	0.45356	0.705514	-1.41741	0.225826	1.78802	1.78802	0.0398406	2.96125	2.96125	0.0932778	2.32447	2.32447	0.173958	0.516415	-1.93643	0.144595	2.04611	2.04611	0.274196	1.68175	1.68175	0.180224	1.91588	1.91588	0.211019	1.82594	1.82594	2.18483	7.22306	2.93867	1
cg00502597	FGGY;FGGY	0.142386	0.164867	0.425438	-2.35052	0.0358776	0.244593	-4.08842	0.0122009	0.165074	-6.05788	0.136506	0.396416	-2.5226	0.928074	0.949255	-1.05346	0.399802	0.608251	-1.64406	0.140601	0.400795	-2.49504	0.922973	1.05737	1.05737	0.338056	0.565722	-1.76765	2.18483	11.5127	4.68391	1
cg27510001	ROR1;ROR1	0.142386	0.0249837	0.419208	-2.38545	0.0725162	0.520407	-1.92157	0.278854	0.692815	-1.44339	0.413498	0.76148	-1.31323	0.0486662	0.479995	-2.08335	0.966668	0.986472	-1.01371	0.102807	0.558911	-1.78919	0.308576	0.709286	-1.40987	0.0485448	0.479752	-2.08441	2.18482	3.67619	1.49565	1
cg05776630	TMCO4	0.142388	0.0546723	0.401264	-2.49212	0.528115	0.765071	-1.30707	0.243788	0.599945	-1.66682	0.237263	0.595279	-1.67989	0.0178663	0.299371	-3.34033	0.229224	0.58943	-1.69656	0.0198386	0.307807	-3.24879	0.487141	0.743956	-1.34417	0.46428	0.731945	-1.36622	2.18481	6.07336	2.47094	1
cg08545826	KIF5A	0.14239	0.112769	0.674166	-1.48331	0.070872	0.630687	-1.58557	0.255307	0.762425	-1.3116	0.214577	0.741993	-1.34772	0.826588	1.05139	1.05139	0.12413	0.683649	-1.46274	0.104342	1.50009	1.50009	0.289923	1.28515	1.28515	0.287824	0.777204	-1.28666	2.18479	1.80508	0.734404	1
cg04031454	HK1;HK1;HK1	0.14239	0.705725	1.08643	1.08643	0.535901	1.14682	1.14682	0.253891	0.770761	-1.29742	0.181525	0.733483	-1.36336	0.0603525	0.629461	-1.58866	0.106931	0.680712	-1.46905	0.0332532	0.580515	-1.72261	0.103952	0.678059	-1.4748	0.108547	0.682128	-1.466	2.18479	1.6525	0.672324	1
cg00071051	SLC35B2	0.142392	0.0921209	0.319941	-3.12558	0.275873	0.498213	-2.00717	0.447902	1.60869	1.60869	0.399527	0.588534	-1.69914	0.044814	0.242776	-4.11902	0.200966	0.435969	-2.29374	0.0209462	0.181291	-5.51599	0.188514	0.424686	-2.35468	0.150645	0.387953	-2.57763	2.18478	13.0733	5.31892	1
cg02311414	FAM84A	0.142393	0.874548	1.02497	1.02497	0.698826	0.941121	-1.06256	0.0144769	1.60042	1.60042	0.119809	0.768417	-1.30138	0.120934	0.769132	-1.30017	0.980555	1.00381	1.00381	0.352502	1.16106	1.16106	0.578011	1.09167	1.09167	0.501047	0.89889	-1.11248	2.18478	0.842963	0.342964	1
cg25839663	PRDM16;PRDM16	0.142404	0.722226	0.903471	-1.10684	0.012014	2.43753	2.43753	0.117333	1.62216	1.62216	0.815658	0.935742	-1.06867	0.37652	0.772531	-1.29445	0.0541188	1.86201	1.86201	0.718227	1.10855	1.10855	0.593765	1.16545	1.16545	0.997764	0.999203	-1.0008	2.18469	2.79846	1.13861	1
cg06687489	MYO5C	0.142405	0.0270099	0.125757	-7.95185	0.149256	0.293884	-3.4027	0.757611	0.782603	-1.27779	0.430625	0.52888	-1.89079	0.0584659	0.183984	-5.43526	0.145323	0.289886	-3.44963	0.0448393	0.161476	-6.19288	0.14141	0.285865	-3.49815	0.0687018	0.199205	-5.01997	2.18469	21.6955	8.82732	1
cg23635599	CBLC;CBLC	0.142409	0.017609	4.84723	4.84723	0.0206931	4.58396	4.58396	0.292799	1.81572	1.81572	0.300614	1.79717	1.79717	0.874015	0.91693	-1.0906	0.580097	1.35719	1.35719	0.682079	1.25245	1.25245	0.694581	1.24069	1.24069	0.0618808	3.15554	3.15554	2.18466	10.3352	4.20514	1
cg26248608	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.142411	?	?	?	0.412046	2.13052	2.13052	0.0515921	7.6313	7.6313	0.557081	1.70686	1.70686	?	?	?	0.235347	0.324365	-3.08294	0.298501	2.64816	2.64816	0.0493325	7.83545	7.83545	?	?	?	2.36538	19.7489	9.74067	1
cg23070574	XPC;XPC;XPC	0.142411	0.6671	0.92568	-1.08029	0.0100755	1.78518	1.78518	0.306902	1.20777	1.20777	0.442914	1.14983	1.14983	0.532347	1.11949	1.11949	0.5326	1.11941	1.11941	0.0419887	1.51927	1.51927	0.405617	0.859121	-1.16398	0.84505	0.965683	-1.03554	2.18464	1.102	0.448382	1
cg03601797	KCNJ3	0.142416	0.0517338	6.58545	6.58545	0.0701713	5.60399	5.60399	0.320368	2.39689	2.39689	0.0818339	5.16406	5.16406	0.677167	1.42826	1.42826	0.0503662	6.67938	6.67938	0.936971	1.06965	1.06965	0.032363	8.44115	8.44115	0.170497	3.46496	3.46496	2.18461	25.0791	10.2044	1
cg01620308	PRNP;PRNP;PRNP;PRNP;PRNP;PRNP;PRNP;PFNP;PRNP;PRNP	0.142416	0.0799564	0.624708	-1.60075	0.0273226	1.88198	1.88198	0.604636	1.13483	1.13483	0.881296	0.964463	-1.03685	0.389059	0.807548	-1.23832	0.0527627	0.586755	-1.70429	0.871166	0.961459	-1.04009	0.622092	0.886648	-1.12784	0.497595	0.846408	-1.18146	2.18461	2.02889	0.825529	1
cg13414212	C2orf39;C2orf39	0.142422	0.519951	0.629223	-1.58926	0.838187	0.864816	-1.15631	0.665708	1.36172	1.36172	0.310725	0.474742	-2.10641	0.409509	0.549295	-1.82051	0.178448	2.76057	2.76057	0.467548	0.591526	-1.69054	0.00847419	10.8822	10.8822	0.438323	1.7533	1.7533	2.18457	17.4552	7.10241	1
cg26415437	EVL	0.142422	0.815602	1.15506	1.15506	0.0142751	6.4542	6.4542	0.0111523	7.12057	7.12057	0.326096	1.86946	1.86946	0.891718	1.08768	1.08768	0.953449	1.03668	1.03668	0.548889	1.45393	1.45393	0.808376	1.16175	1.16175	0.841082	1.13188	1.13188	2.18456	13.1741	5.3605	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13015872	KIAA0586;TIMM9;TIMM9	0.142423	0.991252	1.00307	1.00307	0.178557	1.49043	1.49043	0.0173547	2.24559	2.24559	0.47636	1.22409	1.22409	0.146099	1.546	1.546	0.869923	1.04682	1.04682	0.0449294	1.90144	1.90144	0.243223	0.711088	-1.4063	0.820199	1.06563	1.06563	2.18456	2.69741	1.09756	1
cg22476251	PPEF2	0.142423	0.31647	1.22578	1.22578	0.0666669	0.667514	-1.4981	0.0292837	0.603648	-1.65659	0.964976	0.991406	-1.00867	0.219786	1.2887	1.2887	0.952168	1.01186	1.01186	0.178271	1.32465	1.32465	0.446738	0.858608	-1.16468	0.503622	1.14272	1.14272	2.18456	1.33686	0.543962	1
cg19178151	STOX2	0.142424	0.239068	3.01157	3.01157	0.109866	0.210483	-4.75099	0.622823	0.641925	-1.55781	0.141425	4.1122	4.1122	0.533704	0.56915	-1.75701	0.79945	0.796415	-1.25563	0.114812	4.63366	4.63366	0.0594636	6.70076	6.70076	0.116116	4.60397	4.60397	2.18455	27.662	11.2556	1
cg16712828	ITPA;ITPA	0.142425	0.844576	1.08646	1.08646	0.770092	1.13181	1.13181	0.676149	0.837369	-1.19422	0.245756	1.67013	1.67013	0.0188574	0.300648	-3.32615	0.47972	0.738194	-1.35466	0.02962	0.33895	-2.95028	0.927356	1.03928	1.03928	0.213749	0.575157	-1.73865	2.18455	6.17584	2.51294	1
cg04484842	MYO9A;SENP8;SENP8;SENP8	0.142426	0.372137	1.19186	1.19186	0.0897781	1.43081	1.43081	0.050847	1.53132	1.53132	0.218028	1.28172	1.28172	0.877002	0.970768	-1.03011	0.10837	0.714979	-1.39864	0.567452	0.895198	-1.11707	0.971274	0.993126	-1.00692	0.141432	0.738674	-1.35378	2.18454	1.26946	0.516543	1
cg07526763	ZMYND19	0.142428	0.172654	0.739863	-1.3516	0.0862512	1.4821	1.4821	0.848804	1.04042	1.04042	0.846	1.04119	1.04119	0.303428	0.801496	-1.24767	0.78194	1.05929	1.05929	0.0131887	0.528414	-1.89246	0.57801	1.12373	1.12373	0.722805	1.07674	1.07674	2.18452	1.49095	0.60667	1
cg26683425	C14orf43;C14orf43	0.142429	0.120456	0.331891	-3.01304	0.0202653	0.159944	-6.25218	0.0253678	0.175452	-5.69958	0.907302	1.07926	1.07926	0.393989	0.564533	-1.77138	0.996133	0.996831	-1.00318	0.606136	0.711355	-1.40577	0.345316	1.88982	1.88982	0.404727	0.572195	-1.74766	2.18452	14.8363	6.03696	1
cg11885407	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;OPA1	0.142429	0.359263	1.29557	1.29557	0.517722	0.835136	-1.19741	0.253403	1.38774	1.38774	0.132551	1.56185	1.56185	0.111514	0.621153	-1.60991	0.289057	1.353	1.353	0.0427044	0.526817	-1.89819	0.355405	0.770161	-1.29843	0.418127	1.2552	1.2552	2.18451	2.61098	1.06242	1
ch.20.234237F	JAG1	0.14243	0.00661434	0.0222709	-44.9017	0.114281	0.156647	-6.38377	0.257248	0.279169	-3.58206	0.120217	0.162194	-6.16547	0.604862	1.75643	1.75643	0.845855	1.23373	1.23373	0.29858	0.312634	-3.19863	0.651356	0.612075	-1.63379	0.525092	0.499088	-2.00365	2.18451	40.2911	16.3947	1
cg22453183	GPR98;GPR98	0.142438	0.957266	0.977171	-1.02336	0.16833	1.88262	1.88262	0.148677	0.512963	-1.94946	0.787178	1.12369	1.12369	0.285068	1.61369	1.61369	0.757919	1.14252	1.14252	0.0304863	0.334263	-2.99166	0.12896	2.02803	2.02803	0.238469	0.58737	-1.7025	2.18445	6.42559	2.61468	1
cg08168844	C16orf53;MVP;MVP	0.14244	0.530213	0.764876	-1.3074	0.0567486	2.48193	2.48193	0.673101	0.836206	-1.19588	0.638802	1.22054	1.22054	0.035456	0.356218	-2.80727	0.177633	0.546663	-1.82928	0.714962	0.856745	-1.16721	0.339679	1.51412	1.51412	0.133268	0.505236	-1.97927	2.18443	6.14782	2.50167	1
cg15572656	TRIM39;HCG18;HCG18	0.142441	0.676624	1.15229	1.15229	0.789941	1.09443	1.09443	0.346148	1.38802	1.38802	0.0584994	2.05936	2.05936	0.556799	0.81804	-1.22243	0.611138	0.840893	-1.18921	0.043032	0.455279	-2.19646	0.0558487	0.480882	-2.07951	0.632571	1.17679	1.17679	2.18443	3.95139	1.6079	1
cg10724442	SPTBN4;BLVRB	0.142444	?	?	?	0.45662	0.592061	-1.68902	0.951742	0.959021	-1.04273	0.79342	0.834066	-1.19895	0.0216387	0.148596	-6.72966	0.6013	1.43979	1.43979	0.032086	5.67399	5.67399	0.704459	0.768386	-1.30143	0.990738	1.00806	1.00806	2.20277	14.8223	6.72892	1
cg06141846	EMX2OS	0.142445	0.0542299	0.0881471	-11.3447	0.10555	0.140045	-7.14056	0.0769986	0.112351	-8.90071	0.140108	0.171231	-5.84007	0.142776	0.173564	-5.76155	0.0715576	0.10678	-9.36505	0.0412911	0.0730264	-13.6937	0.224998	0.242487	-4.12392	0.0642196	0.0990719	-10.0937	2.1844	42.7595	17.4	1
cg24865999	SPPL2B;LSM7;SPPL2B	0.14245	0.310276	1.39775	1.39775	0.173958	1.5862	1.5862	0.300178	0.710038	-1.40838	0.724828	1.11933	1.11933	0.460548	1.27078	1.27078	0.107249	1.75198	1.75198	0.567307	0.831591	-1.20251	0.0388327	2.14459	2.14459	0.0290907	2.27129	2.27129	2.18436	3.5194	1.43216	1
cg11409205	TMEM106C;TMEM106C;TMEM106C;TMEM106C	0.142457	0.655668	0.91746	-1.08997	0.376556	0.840147	-1.19027	0.142073	0.738622	-1.35387	0.647902	0.915525	-1.09227	0.403124	1.17848	1.17848	0.323245	1.21634	1.21634	0.0373459	1.59012	1.59012	0.181924	1.31254	1.31254	0.0635871	1.49234	1.49234	2.18431	1.27462	0.518697	1
cg23194060	MBTPS2	0.142457	0.0391798	0.163607	-6.11221	0.039037	0.163325	-6.12274	0.505288	0.598837	-1.6699	0.351691	2.06892	2.06892	0.84585	0.862736	-1.1591	0.0250332	0.132348	-7.55582	0.740229	0.776942	-1.2871	0.608431	0.675729	-1.47988	0.951765	1.04696	1.04696	2.18431	19.9055	8.10038	1
cg15468746	RDH12	0.142457	0.374435	1.68144	1.68144	0.0160953	0.186604	-5.35895	0.0931585	0.348964	-2.86562	0.121315	0.383867	-2.60507	0.620117	1.32952	1.32952	0.816936	1.1413	1.1413	0.306822	1.82765	1.82765	0.447309	0.64309	-1.55499	0.987856	1.00871	1.00871	2.18431	11.2398	4.57394	1
cg22748698	GABARAP	0.142458	0.315201	0.846572	-1.18123	0.443639	0.882267	-1.13344	0.0103065	1.67937	1.67937	0.06727	0.719728	-1.38941	0.835624	0.967227	-1.03388	0.875138	1.02554	1.02554	0.857656	1.02921	1.02921	0.653556	0.930106	-1.07515	0.906784	1.01896	1.01896	2.1843	0.889822	0.362108	1
cg05977276	EHBP1;EHBP1;EHBP1;EHBP1	0.14246	0.395497	0.817147	-1.22377	0.0526718	0.599799	-1.66723	0.685308	0.909792	-1.09915	0.162462	0.70747	-1.41349	0.894901	1.03115	1.03115	0.934695	0.981162	-1.0192	0.125231	1.46974	1.46974	0.569061	0.874981	-1.14288	0.0194625	0.519202	-1.92603	2.18429	1.86292	0.758106	1
cg27351896	GTPBP8;GTPBP8	0.142462	0.316615	1.34889	1.34889	0.322926	0.744423	-1.34332	0.377797	0.769823	-1.299	0.854313	1.05457	1.05457	0.375109	1.30102	1.30102	0.481152	0.813026	-1.22997	0.00821039	0.37623	-2.65795	0.453319	1.24711	1.24711	0.446819	1.25125	1.25125	2.18428	2.89082	1.17641	1
cg03101058	CPSF4L	0.142463	0.43136	0.622489	-1.60645	0.0113492	0.153974	-6.49459	0.0349083	0.23433	-4.26748	0.98324	1.01248	1.01248	0.271602	0.508895	-1.96504	0.245865	0.488522	-2.04699	0.621463	0.745439	-1.34149	0.0695567	0.301767	-3.31381	0.872164	0.909327	-1.09971	2.18427	12.0523	4.90467	1
cg26338757	LDB3;LDB3;LDB3;LDB3;LDB3;LDB3;LDB3	0.142463	0.0953495	2.00821	2.00821	0.255347	1.57124	1.57124	0.830549	1.08496	1.08496	0.06745	2.18076	2.18076	0.996854	0.998501	-1.0015	0.061152	2.23197	2.23197	0.0558852	2.28002	2.28002	0.0362614	2.52547	2.52547	0.1119	1.93236	1.93236	2.18427	5.00895	2.0384	1
cg00368022	C5orf22;RNASEN;RNASEN	0.142466	0.545123	0.90982	-1.09912	0.0804207	1.34887	1.34887	0.423072	1.1346	1.1346	0.68007	0.938013	-1.06608	0.00993321	0.604975	-1.65296	0.900943	1.0194	1.0194	0.467607	0.892201	-1.12082	0.928679	1.01391	1.01391	0.461211	1.12273	1.12273	2.18425	0.823894	0.335287	1
cg22978378	THY1	0.142466	0.203035	0.504311	-1.9829	0.0133062	0.209616	-4.77063	0.229923	0.526389	-1.89974	0.794681	0.875587	-1.14209	0.354109	0.615278	-1.62528	0.248197	0.540655	-1.84961	0.0193116	0.236583	-4.22685	0.177991	0.482311	-2.07335	0.217375	0.516261	-1.937	2.18425	8.97798	3.65363	1
cg02126051	ZIC4;ZIC4;ZIC4	0.142467	0.941147	1.04309	1.04309	0.219424	2.09144	2.09144	0.457709	0.649161	-1.54045	0.466764	0.655003	-1.52671	0.085402	0.337409	-2.96376	0.214679	0.474115	-2.10919	0.0127602	0.170714	-5.85776	0.75833	1.19282	1.19282	0.183497	0.446521	-2.23953	2.18424	11.2925	4.59557	1
cg14383655	ZNF543	0.142468	0.446045	1.2685	1.2685	0.871639	0.951694	-1.05076	0.0208102	2.34413	2.34413	0.201053	1.51204	1.51204	0.60567	0.852604	-1.17288	0.604151	0.852021	-1.17368	0.039988	0.48343	-2.06855	0.634852	0.863736	-1.15776	0.839336	0.939735	-1.06413	2.18424	3.24327	1.31987	1
cg26103306	KIAA0922;KIAA0922	0.14247	0.221232	0.57499	-1.73916	0.392702	1.45767	1.45767	0.994936	1.00274	1.00274	0.677139	0.835097	-1.19747	0.0335463	0.343467	-2.91148	0.512603	0.751411	-1.33083	0.0176012	0.288505	-3.46615	0.365541	1.492	1.492	0.384292	0.681188	-1.46802	2.18422	6.40735	2.60754	1
cg04757243	C3orf36	0.142472	0.230636	0.792857	-1.26126	0.980555	1.00451	1.00451	0.105597	1.38586	1.38586	0.907195	1.02176	1.02176	0.326847	0.829581	-1.20543	0.308481	0.823199	-1.21477	0.167006	1.31248	1.31248	0.0750277	0.693543	-1.44187	0.0582577	0.673668	-1.48441	2.1842	1.17853	0.479619	1
cg25618573	KLC2;RAB1B;KLC2;KLC2;KLC2	0.142474	0.242078	2.1847	2.1847	0.174744	2.5126	2.5126	0.551705	1.46865	1.46865	0.0298544	5.11059	5.11059	0.329933	0.526393	-1.89972	0.642919	1.34716	1.34716	?	?	?	?	?	?	0.152836	0.376347	-2.65712	2.22505	11.1661	5.73527	1
cg10828599	TBCD;ZNF750	0.142477	0.721525	1.0762	1.0762	0.123384	1.40839	1.40839	0.0269784	1.71158	1.71158	0.0362645	1.64798	1.64798	0.0867092	1.47436	1.47436	0.778003	1.05971	1.05971	0.0457336	1.59995	1.59995	0.224432	1.29932	1.29932	0.611692	1.11076	1.11076	2.18417	1.45641	0.592715	1
cg26056348	HSPB1	0.142479	0.153572	0.502992	-1.9881	0.991113	0.995004	-1.00502	0.428562	0.695255	-1.43832	0.672785	1.21051	1.21051	0.124845	0.473685	-2.11111	0.46838	0.717624	-1.39349	0.448051	1.41586	1.41586	0.0796174	2.3988	2.3988	0.0378289	2.9539	2.9539	2.18416	6.99682	2.8475	1
cg06803925	CENPL;CENPL;CENPL;DARS2;CENPL	0.142482	0.302224	1.20222	1.20222	0.779928	0.952878	-1.04945	0.848266	0.967532	-1.03356	0.445174	1.14352	1.14352	0.394426	1.16219	1.16219	0.825492	0.962663	-1.03878	0.00535962	0.531558	-1.88126	0.629948	0.91975	-1.08725	0.394229	0.860387	-1.16227	2.18413	1.02714	0.418021	1
cg23556533	FAM83H	0.142486	0.384172	0.42322	-2.36284	0.157503	4.2912	4.2912	0.658463	0.651361	-1.53525	0.0924884	0.167925	-5.95505	0.443091	0.470678	-2.1246	0.408991	0.443182	-2.25641	?	?	?	0.0370602	10.31	10.31	0.331347	2.62698	2.62698	2.20245	28.7933	13.0733	1
cg06369854	VDR;VDR	0.142489	0.932047	0.974279	-1.0264	0.264222	0.700772	-1.427	0.055251	1.94248	1.94248	0.592023	0.847647	-1.17974	0.913274	0.96726	-1.03385	0.607398	0.853553	-1.17157	0.731957	0.900276	-1.11077	0.0312606	2.16441	2.16441	0.0633704	1.89255	1.89255	2.18408	3.22935	1.3143	1
cg04811205	CCDC88A;CCDC88A	0.142491	0.0703002	0.400218	-2.49864	0.811304	1.11433	1.11433	0.500566	0.733836	-1.3627	0.740715	1.16219	1.16219	0.0144605	0.255623	-3.91201	0.056594	0.376507	-2.65599	0.541764	0.756115	-1.32255	0.905953	1.05495	1.05495	0.126936	0.473694	-2.11107	2.18406	7.08651	2.88413	1
cg11580525	SCN4B;SCN4B	0.142492	0.0508141	0.493301	-2.02716	0.370213	0.746591	-1.33942	0.563788	1.20362	1.20362	0.609833	0.849207	-1.17757	0.0684417	0.523176	-1.9114	0.323699	0.723465	-1.38224	0.293682	0.707565	-1.4133	0.0212682	0.415096	-2.40908	0.0665578	0.520295	-1.92199	2.18406	3.4888	1.4199	1
cg17840132	DAB2	0.142494	0.21423	0.724072	-1.38108	0.95865	0.98728	-1.01288	0.125314	0.663898	-1.50625	0.037461	1.81509	1.81509	0.238484	0.737241	-1.35641	0.496009	0.843098	-1.1861	0.0778408	1.62229	1.62229	0.675905	0.901397	-1.10939	0.503683	0.845732	-1.18241	2.18404	2.10873	0.858236	1
cg12402427	KIF1B	0.142495	0.27524	1.30908	1.30908	0.0123339	2.09449	2.09449	0.0424741	1.74079	1.74079	0.525257	1.16502	1.16502	0.835158	1.05068	1.05068	0.40725	1.2228	1.2228	0.0468762	1.71568	1.71568	0.726977	1.08672	1.08672	0.830444	0.950393	-1.0522	2.18404	1.94726	0.792522	1
cg23909029	SCN8A	0.142495	0.278225	1.1339	1.1339	0.37142	1.1077	1.1077	0.181349	1.17133	1.17133	0.129843	0.833297	-1.20005	0.0590688	1.26815	1.26815	0.886429	0.984199	-1.01605	0.405699	0.909547	-1.09945	0.200349	1.16271	1.16271	0.048156	1.28621	1.28621	2.18404	0.429646	0.174863	1
cg01324264	ETFB	0.1425	0.139413	0.844993	-1.18344	0.858245	1.01911	1.01911	0.232606	1.14173	1.14173	0.932747	0.991102	-1.00898	0.0198775	1.34674	1.34674	0.731539	1.03714	1.03714	0.050833	1.26565	1.26565	0.874835	1.01683	1.01683	0.441491	0.920251	-1.08666	2.184	0.387848	0.157854	1
cg03999653	RAB3GAP1	0.142501	0.00916234	0.737433	-1.35606	0.712904	1.0346	1.0346	0.668639	1.04042	1.04042	0.201869	0.883357	-1.13205	0.843733	0.982	-1.01833	0.201462	1.13219	1.13219	0.483047	0.936499	-1.06781	0.219857	0.888045	-1.12607	0.525094	1.06106	1.06106	2.184	0.292982	0.119244	1
cg23706268	RNASEH2B;RNASEH2B;RNASEH2B;RNASEH2B	0.142501	0.00458921	5.91291	5.91291	0.742029	1.16833	1.16833	0.480878	1.40138	1.40138	0.0963606	2.36285	2.36285	0.630242	1.25664	1.25664	0.367273	1.54682	1.54682	0.304126	1.65078	1.65078	0.957605	1.02535	1.02535	0.577529	0.767197	-1.30345	2.18399	7.67257	3.12275	1
cg23419447	HCCA2	0.142507	0.144094	0.609634	-1.64033	0.205096	1.52446	1.52446	0.596371	0.844873	-1.18361	0.160414	0.623182	-1.60467	0.0116419	0.369924	-2.70326	0.603536	1.17966	1.17966	0.218486	0.664849	-1.5041	0.365452	0.745829	-1.34079	0.510889	0.810334	-1.23406	2.18396	3.44017	1.40018	1
cg23353205	TRAPPC2;TRAPPC2;TRAPPC2;OFD1;OFD1	0.142508	0.193297	1.336	1.336	0.661418	0.911432	-1.09717	0.437191	1.1815	1.1815	0.0451994	0.616609	-1.62177	0.55414	1.13419	1.13419	0.027786	1.72853	1.72853	0.262522	0.782051	-1.27869	0.850695	0.961123	-1.04045	0.600191	1.11772	1.11772	2.18394	1.53166	0.623403	1
cg23499823	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.142508	0.0965277	0.792931	-1.26114	0.248633	0.857831	-1.16573	0.0867555	0.786195	-1.27195	0.374901	1.12278	1.12278	0.115312	1.24322	1.24322	0.0992657	0.794711	-1.25832	0.37565	0.890816	-1.12257	0.612548	1.0671	1.0671	0.368053	1.12476	1.12476	2.18394	0.559286	0.227635	1
cg04834666	EDEM2;EDEM2;EDEM2	0.142511	0.0522627	0.671127	-1.49003	0.411815	1.16369	1.16369	0.269132	1.23109	1.23109	0.106926	0.727645	-1.3743	0.248162	1.2437	1.2437	0.984489	1.00352	1.00352	0.153546	0.758781	-1.3179	0.621973	0.914132	-1.09393	0.131447	1.34201	1.34201	2.18392	1.12876	0.45942	1
cg06792366	ZC3H8	0.142511	0.279196	0.789275	-1.26699	0.198532	0.751415	-1.33082	0.272029	1.27187	1.27187	0.0229754	0.564343	-1.77197	0.23935	0.771696	-1.29585	0.214491	1.31636	1.31636	0.48342	0.860874	-1.16161	0.0876859	0.672679	-1.48659	0.52358	0.872874	-1.14564	2.18392	1.53022	0.62282	1
cg10055222	GPER;C7orf50;C7orf50;GPER;C7orf50	0.142512	0.476614	1.23887	1.23887	0.270736	1.40408	1.40408	0.0674669	0.545318	-1.83379	0.908206	1.03473	1.03473	0.28842	1.38567	1.38567	0.183391	0.658511	-1.51858	0.3109	1.36384	1.36384	0.0332389	2.08886	2.08886	0.32332	1.35246	1.35246	2.18392	3.02982	1.23319	1
cg21214232	SNORD115-7	0.142514	0.0636767	0.44865	-2.22891	0.155731	0.557701	-1.79307	0.772007	0.894317	-1.11817	0.294996	1.51822	1.51822	0.113369	0.515629	-1.93938	0.161371	0.562698	-1.77715	0.0609651	0.444006	-2.25222	0.058636	0.439891	-2.27329	0.171889	0.571721	-1.7491	2.1839	5.11222	2.08077	1
cg10922163	C9orf23;C9orf23;C9orf23	0.142515	0.100056	0.751875	-1.33001	0.19002	1.24566	1.24566	0.0438955	1.4427	1.4427	0.830899	0.966722	-1.03442	0.877379	0.97586	-1.02474	0.658436	0.932012	-1.07295	0.115282	0.762629	-1.31125	0.185836	1.24858	1.24858	0.352487	0.859487	-1.16348	2.18389	0.866311	0.352606	1
cg00783952	KNDC1	0.142517	0.761948	1.05156	1.05156	0.0698527	1.3986	1.3986	0.265326	0.825225	-1.21179	0.541694	0.902822	-1.10764	0.279524	0.830235	-1.20448	0.900994	1.02081	1.02081	0.153214	1.28802	1.28802	0.0908459	1.36106	1.36106	0.0839352	0.728709	-1.37229	2.18388	0.947205	0.385534	1
cg16121807	C13orf16	0.142519	0.117302	0.530872	-1.88369	0.950722	0.977258	-1.02327	0.759316	0.891913	-1.12119	0.109472	1.91472	1.91472	0.0195009	0.349614	-2.86029	0.567858	1.23975	1.23975	0.353054	1.42717	1.42717	0.261739	1.54593	1.54593	0.96679	1.01562	1.01562	2.18386	4.79224	1.95057	1
cg07706607	TIMP2	0.14252	0.390435	1.32986	1.32986	0.744815	0.899606	-1.1116	0.252083	1.4734	1.4734	0.412683	1.31168	1.31168	0.740443	1.1137	1.1137	0.147811	1.65369	1.65369	0.00565147	3.24253	3.24253	0.394633	1.32636	1.32636	0.0807466	1.87269	1.87269	2.18386	3.62956	1.47733	1
cg21253087	SNAPC4	0.142522	0.891362	0.951138	-1.05137	0.973838	0.98805	-1.01209	0.592695	0.820414	-1.2189	0.350919	0.703314	-1.42184	0.234558	0.633322	-1.57898	0.361179	0.708855	-1.41073	0.00344265	0.233071	-4.29054	0.619004	1.20174	1.20174	0.485775	0.771324	-1.29647	2.18384	4.64809	1.89191	1
cg18375610	COL11A2;COL11A2;COL11A2	0.142524	0.0795498	0.406917	-2.45751	0.504054	0.731055	-1.36789	0.0089747	0.215374	-4.64309	0.103312	0.439003	-2.27789	0.16044	0.500169	-1.99933	0.288987	0.601357	-1.66291	0.273113	0.59038	-1.69383	0.198088	0.53339	-1.8748	0.086499	0.416898	-2.39867	2.18383	7.38374	3.00542	1
cg08092199	DLX4;DLX4	0.142526	0.0120177	3.21609	3.21609	0.866812	1.06459	1.06459	0.731696	1.13694	1.13694	0.522462	1.27342	1.27342	0.599559	1.21842	1.21842	0.117233	1.88607	1.88607	0.264148	1.54344	1.54344	0.0211437	2.81156	2.81156	0.213213	1.63036	1.63036	2.18381	4.80914	1.95749	1
cg14328506	SPTAN1;SPTAN1	0.142527	0.842895	0.938896	-1.06508	0.258385	0.687489	-1.45457	0.13348	0.597928	-1.67244	0.3756	1.335	1.335	0.310409	0.716414	-1.39584	0.416491	0.768081	-1.30195	0.00805889	0.340136	-2.94	0.144383	0.60762	-1.64576	0.756069	1.10408	1.10408	2.18381	3.49186	1.42131	1
cg17658885	ZNF33A;ZNF33A	0.142527	0.168338	0.723434	-1.3823	0.565121	1.13683	1.13683	0.255327	1.29939	1.29939	0.7222	0.924294	-1.08191	0.134141	0.700297	-1.42796	0.0934162	0.665682	-1.50222	0.452229	0.8446	-1.18399	0.0384022	1.69733	1.69733	0.572091	1.13418	1.13418	2.18381	1.68214	0.684691	1
cg07715387	SLC1A4;SLC1A4;SLC1A4	0.142527	0.0366905	0.689851	-1.44959	0.995371	1.00089	1.00089	0.0603032	0.723202	-1.38274	0.0145857	0.631209	-1.58426	0.99142	1.00165	1.00165	0.751548	0.952579	-1.04978	0.480937	0.89621	-1.11581	0.129016	0.778092	-1.2852	0.470415	0.893762	-1.11887	2.18381	0.809189	0.329369	1
cg14996143	MAP1D	0.142527	0.290217	1.97206	1.97206	0.0963706	3.09391	3.09391	0.276904	2.01297	2.01297	0.347663	0.549795	-1.81886	0.0907282	3.16743	3.16743	0.260833	2.06578	2.06578	0.0147426	6.40284	6.40284	0.117172	2.86589	2.86589	0.473114	1.57054	1.57054	2.18381	13.2372	5.38802	1
cg17940673	RTCD1;RTCD1;RTCD1;RTCD1	0.142528	0.820019	0.914351	-1.09367	0.891753	1.05496	1.05496	0.382954	1.42125	1.42125	0.994565	0.997327	-1.00268	0.974272	0.987409	-1.01275	0.00438284	0.224245	-4.45941	0.150048	0.545379	-1.83359	0.905231	1.04791	1.04791	0.964429	0.98263	-1.01768	2.1838	5.33944	2.17335	1
cg14375754	DDX59	0.142528	0.121173	0.742853	-1.34616	0.0143739	0.586399	-1.70532	0.155981	0.764539	-1.30798	0.317212	0.83286	-1.20068	0.0341549	0.645812	-1.54844	0.0696183	0.69841	-1.43182	0.756785	0.946531	-1.05649	0.325387	0.835583	-1.19677	0.376027	0.85155	-1.17433	2.1838	1.08216	0.44048	1
cg16764115	ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3;RETSAT;ELMOD3;ELMOD3	0.14253	0.0356365	4.41823	4.41823	0.819941	1.14857	1.14857	0.241869	0.475106	-2.1048	0.917848	1.06469	1.06469	0.112502	2.85678	2.85678	0.881616	0.913442	-1.09476	0.19668	0.436346	-2.29176	0.199928	0.439258	-2.27657	0.145489	0.386893	-2.58469	2.18379	12.7662	5.19636	1
cg14319487	LOC100128542	0.142531	0.113961	0.41344	-2.41873	0.1648	0.467119	-2.14078	0.0169914	0.224237	-4.45957	0.069474	0.352404	-2.83766	0.879713	0.925165	-1.08089	0.472415	1.45558	1.45558	0.131238	0.433031	-2.3093	0.145406	0.447974	-2.23227	0.623032	0.775317	-1.2898	2.18378	9.12471	3.71413	1
cg26519500	IQCH;IQCH;IQCH;IQCH;AAGAB	0.142531	0.0903547	0.71017	-1.40811	0.777053	1.05344	1.05344	0.993271	1.00155	1.00155	0.69106	1.07601	1.07601	0.571898	0.900544	-1.11044	0.0211908	0.601604	-1.66222	0.218727	0.788805	-1.26774	0.33291	0.83262	-1.20103	0.0872738	1.41375	1.41375	2.18378	1.16325	0.473491	1
cg11679871	SEPHS1	0.142532	0.696872	0.847798	-1.17953	0.54913	1.29132	1.29132	0.0215396	3.2038	3.2038	0.132457	1.98329	1.98329	0.697931	0.848318	-1.1788	0.823594	1.09875	1.09875	0.0916275	0.456844	-2.18893	0.354935	0.669397	-1.49388	0.207523	1.75168	1.75168	2.18377	6.15271	2.50442	1
cg22784023	FLJ23834	0.142535	0.779819	0.968646	-1.03237	0.998846	1.00016	1.00016	0.0133631	1.41667	1.41667	0.996624	1.00048	1.00048	0.0264435	0.741458	-1.34869	0.797122	0.971142	-1.02972	0.967062	0.995317	-1.0047	0.777733	1.03269	1.03269	0.771731	1.03362	1.03362	2.18375	0.446853	0.18189	1
cg23784413	EPPK1	0.14254	0.146195	0.456611	-2.19005	0.0158547	0.226516	-4.4147	0.108537	0.414895	-2.41025	0.558351	1.34644	1.34644	0.166432	0.4764	-2.09907	0.578412	0.754192	-1.32592	0.0656458	0.354091	-2.82413	0.310045	0.589846	-1.69536	0.117372	0.425391	-2.35078	2.18372	8.7347	3.55549	1
cg00935119	CDKN1A;CDKN1A	0.142542	0.283062	1.11948	1.11948	0.902724	1.01245	1.01245	0.226748	0.879476	-1.13704	0.65252	0.95517	-1.04693	0.603896	1.05439	1.05439	0.0951832	1.20386	1.20386	0.0121228	0.728733	-1.37224	0.635811	0.952873	-1.04946	0.701356	0.961758	-1.03976	2.1837	0.354162	0.144164	1
cg15881727	ZBED4	0.142543	0.0135467	0.732794	-1.36464	0.393493	1.09301	1.09301	0.0985098	1.20243	1.20243	0.899647	1.01292	1.01292	0.207953	0.87364	-1.14464	0.363213	1.09975	1.09975	0.926842	1.00939	1.00939	0.682957	1.04267	1.04267	0.523057	1.06807	1.06807	2.18369	0.35803	0.145739	1
cg01941671	BMP3	0.142546	0.324888	0.866096	-1.15461	0.202363	0.826681	-1.20966	0.436699	0.893863	-1.11874	0.511325	0.9101	-1.09878	0.411611	1.12605	1.12605	0.0907473	1.3015	1.3015	0.948495	1.00918	1.00918	0.0158753	1.5185	1.5185	0.95081	1.00876	1.00876	2.18367	0.691587	0.281519	1
cg03557426	PKNOX2	0.142553	0.0782451	0.65594	-1.52453	0.766411	0.937804	-1.06632	0.314834	0.799288	-1.25111	0.538345	1.14372	1.14372	0.0516729	0.620423	-1.6118	0.742896	0.931509	-1.07353	0.0304423	1.73026	1.73026	0.77532	1.06362	1.06362	0.866592	0.964409	-1.0369	2.18362	1.60675	0.654062	1
cg24661595	SHANK2;SHANK2	0.142559	0.753784	0.893835	-1.11878	0.799693	0.913296	-1.09494	0.118191	1.83144	1.83144	0.477623	1.29375	1.29375	0.108955	0.536041	-1.86553	0.140231	0.567785	-1.76123	0.14928	0.576035	-1.73601	0.0385451	0.425328	-2.35113	0.462094	1.30608	1.30608	2.18358	4.40016	1.79121	1
cg24442661	EEPD1	0.142559	0.994413	0.998999	-1.001	0.0117096	0.637237	-1.56927	0.760326	0.957169	-1.04475	0.18888	0.819422	-1.22037	0.149569	0.801667	-1.2474	0.574183	0.921983	-1.08462	0.130262	0.791509	-1.26341	0.183255	1.22388	1.22388	0.325715	0.864864	-1.15625	2.18358	0.707903	0.288173	1
cg04198075	DIP2C	0.142561	0.622942	0.781971	-1.27882	0.012594	4.66293	4.66293	0.0656295	2.78789	2.78789	0.976509	1.01472	1.01472	0.393117	0.647828	-1.54362	0.186779	2.00266	2.00266	0.424812	0.667326	-1.49852	0.432356	1.48832	1.48832	0.926999	1.04653	1.04653	2.18357	8.51683	3.46704	1
cg02505267	SYT3;SYT3;SYT3	0.142561	0.289913	0.730506	-1.36891	0.0720821	1.77523	1.77523	0.976921	1.0083	1.0083	0.386278	1.28905	1.28905	0.558331	0.844321	-1.18438	0.646956	1.14091	1.14091	0.724009	0.903613	-1.10667	0.912616	1.03188	1.03188	0.0113363	0.403977	-2.47539	2.18356	2.82637	1.15056	1
cg24889058	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.142563	0.841752	0.946802	-1.05619	0.917052	1.0289	1.0289	0.222268	0.704145	-1.42016	0.154378	0.659081	-1.51726	0.0124007	0.426925	-2.34233	0.760016	0.919631	-1.08739	0.336651	1.31115	1.31115	0.227996	1.41346	1.41346	0.195829	0.687923	-1.45365	2.18355	2.58615	1.05278	1
cg17360359	ATP6V1F	0.142564	0.629165	0.883486	-1.13188	0.006225	0.403371	-2.47911	0.25155	0.737148	-1.35658	0.862354	1.04517	1.04517	0.512443	0.844397	-1.18428	0.176991	0.693961	-1.441	0.0463136	0.559269	-1.78805	0.753183	0.922831	-1.08362	0.620705	0.880738	-1.13541	2.18354	2.24144	0.91246	1
cg19070841	HLA-F;HLA-F;HLA-F	0.142564	0.527491	0.940726	-1.06301	0.468118	0.931963	-1.073	0.096254	1.19044	1.19044	0.0784591	1.2051	1.2051	0.785672	0.974319	-1.02636	0.683312	1.03992	1.03992	0.0198639	0.764629	-1.30782	0.554502	0.944536	-1.05872	0.791987	0.975087	-1.02555	2.18354	0.315047	0.128251	1
cg16652639	TM2D2;ADAM9;TM2D2;ADAM9;TM2D2;ADAM9;TM2D2;ADAM9;TM2D2	0.142566	0.314643	0.80883	-1.23635	0.0629636	1.53238	1.53238	0.137634	1.38574	1.38574	0.361067	0.825659	-1.21115	0.194866	0.755945	-1.32285	0.884334	0.970735	-1.03015	0.103759	1.43763	1.43763	0.304202	1.24249	1.24249	0.125662	1.40235	1.40235	2.18353	1.43976	0.58611	1
cg22586236	RNASEH1	0.142567	0.736087	1.13224	1.13224	0.835733	0.926601	-1.07921	0.316236	1.46291	1.46291	0.77755	1.10959	1.10959	0.285258	0.665312	-1.50305	0.00643813	0.272255	-3.67302	0.684014	0.860507	-1.16211	0.509482	0.782175	-1.27849	0.117681	0.535882	-1.86608	2.18352	4.66163	1.89771	1
cg22298208	C7orf34	0.142569	0.395366	0.663624	-1.50686	0.211486	1.85908	1.85908	0.79899	1.12773	1.12773	0.341571	0.63025	-1.58667	0.024031	0.281405	-3.5536	0.761176	0.866235	-1.15442	0.661161	1.23093	1.23093	0.971789	1.0168	1.0168	0.0240725	0.281549	-3.55178	2.18351	7.67378	3.12393	1
cg08701584	PDCD2L	0.14257	0.963825	0.993074	-1.00697	0.955528	1.00858	1.00858	0.18514	1.2403	1.2403	0.919573	1.0156	1.0156	0.531068	0.907342	-1.10212	0.0186237	0.645882	-1.54827	0.890628	1.02131	1.02131	0.313305	0.852295	-1.1733	0.0498888	1.40879	1.40879	2.1835	0.812161	0.330626	1
cg05905876	SEC11A	0.142574	0.675659	0.926214	-1.07966	0.0909351	1.40385	1.40385	0.92402	0.982773	-1.01753	0.361851	0.843044	-1.18618	0.250097	0.803371	-1.24475	0.630547	1.09229	1.09229	0.023027	0.609444	-1.64084	0.899914	0.97734	-1.02319	0.106607	1.37844	1.37844	2.18347	1.1475	0.467147	1
cg26538116	LRPPRC	0.142575	0.0585039	0.548411	-1.82345	0.0587131	1.82231	1.82231	0.3692	1.29588	1.29588	0.965306	0.98785	-1.0123	0.0672215	0.561892	-1.7797	0.442918	0.802629	-1.24591	0.331454	0.754567	-1.32526	0.840648	0.944992	-1.05821	0.326467	1.32939	1.32939	2.18346	2.73139	1.11195	1
cg07795346	USP10	0.142576	0.93945	1.02058	1.02058	0.258855	0.729096	-1.37156	0.892211	1.03703	1.03703	0.11936	1.57349	1.57349	0.0274405	0.496777	-2.01297	0.347405	0.771446	-1.29627	0.182657	0.684344	-1.46125	0.227949	1.40413	1.40413	0.172764	0.677633	-1.47573	2.18345	2.4875	1.01267	1
cg07697134	C19orf62;C19orf62	0.14258	0.649437	1.43456	1.43456	0.972735	0.97341	-1.02732	0.512041	1.68942	1.68942	0.0320746	0.138051	-7.2437	?	?	?	0.0240256	8.35342	8.35342	0.935621	0.938282	-1.06578	0.523975	1.66403	1.66403	0.419464	1.91648	1.91648	2.20176	19.2744	8.7541	1
cg17698643	C16orf63	0.14258	0.919221	1.02003	1.02003	0.0471968	1.55902	1.55902	0.161782	1.3393	1.3393	0.788072	1.0541	1.0541	0.417466	1.1759	1.1759	0.939714	1.0149	1.0149	0.0240789	0.590905	-1.69232	0.437562	0.856542	-1.16748	0.440892	0.857543	-1.16612	2.18343	1.32228	0.538309	1
cg10864596	ZNF354C	0.142581	0.276521	0.424765	-2.35425	0.364672	0.494938	-2.02046	0.434316	1.82522	1.82522	0.0133252	0.0919741	-10.8726	0.897366	1.10191	1.10191	0.943708	1.05453	1.05453	0.359617	2.03654	2.03654	0.101279	3.92901	3.92901	0.758334	1.26132	1.26132	2.29901	20.1533	6.81806	1
cg08198936	SHANK2	0.142588	0.148433	0.764027	-1.30885	0.215808	1.25382	1.25382	0.453321	1.14185	1.14185	0.430103	0.869491	-1.1501	0.128122	0.751553	-1.33058	0.618155	1.09118	1.09118	0.0553056	1.45823	1.45823	0.0836589	1.39436	1.39436	0.450695	1.14276	1.14276	2.18337	1.04261	0.424467	1
cg02037307	PITX1	0.14259	0.0750594	12.6529	12.6529	0.282401	4.17895	4.17895	0.214378	5.33087	5.33087	0.428128	2.81709	2.81709	0.732404	1.5518	1.5518	0.932687	1.11422	1.11422	0.4247	0.352137	-2.8398	0.0112794	58.1644	58.1644	0.0832572	11.6454	11.6454	2.18335	56.6774	23.0745	1
cg13151269	ACY1	0.142591	0.0148246	0.556336	-1.79747	0.239094	0.785713	-1.27273	0.339975	0.825004	-1.21212	0.962777	1.00917	1.00917	0.0558655	0.654606	-1.52764	0.222737	0.778331	-1.2848	0.662944	1.08957	1.08957	0.0999566	0.702854	-1.42277	0.113256	0.713812	-1.40093	2.18335	1.32309	0.538661	1
cg06532880	PRELID1;RAB24;RAB24	0.142592	0.0696693	0.29494	-3.39052	0.0733334	0.300669	-3.32592	0.287795	0.514694	-1.9429	0.556059	1.43096	1.43096	0.117128	0.359018	-2.78538	0.197003	0.440059	-2.27242	0.0596971	0.27836	-3.59247	0.03427	0.226188	-4.42109	0.219117	0.459424	-2.17664	2.18334	12.5242	5.09888	1
cg18085866	ITGB3	0.142592	0.144449	0.586925	-1.7038	0.00597074	0.294727	-3.39297	0.608257	0.838847	-1.19211	0.762008	0.901909	-1.10876	0.476879	0.782042	-1.2787	0.0954022	0.536487	-1.86398	0.279703	0.682507	-1.46519	0.527281	1.24323	1.24323	0.853123	0.938949	-1.06502	2.18334	3.99515	1.62652	1
cg03827386	COLQ;COLQ;COLQ	0.142592	0.481811	0.869275	-1.15038	0.588544	1.11296	1.11296	0.0651859	0.666528	-1.50031	0.580609	0.896415	-1.11555	0.043035	0.633673	-1.5781	0.898718	1.02527	1.02527	0.0379639	1.60238	1.60238	0.779059	1.05666	1.05666	0.544242	0.88668	-1.1278	2.18334	1.32777	0.540567	1
cg05222243	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.142595	0.0574747	0.218673	-4.57304	0.0747076	0.24545	-4.07414	0.297845	0.465993	-2.14595	0.267033	0.441244	-2.26632	0.0324413	0.170048	-5.8807	0.121099	0.304433	-3.28479	0.0654903	0.231602	-4.31775	0.0769871	0.248732	-4.02039	0.100518	0.280012	-3.57128	2.18332	17.3108	7.04768	1
cg00564857	SDK1	0.142598	0.453433	0.860392	-1.16226	0.239232	1.27464	1.27464	0.0258512	1.68361	1.68361	0.0553517	1.53361	1.53361	0.995446	0.998877	-1.00112	0.213696	0.772758	-1.29407	0.858318	1.03581	1.03581	0.25658	0.792037	-1.26257	0.810804	0.953879	-1.04835	2.1833	1.34043	0.545731	1
ch.20.209864F	PLCB4;PLCB4	0.142601	0.0416266	0.193406	-5.17046	0.433059	0.571444	-1.74995	0.484936	0.608717	-1.6428	0.0363933	0.182431	-5.48152	0.0481106	0.205958	-4.85535	0.337892	0.501058	-1.99578	0.0323163	0.17323	-5.77268	0.140683	0.330065	-3.0297	0.285168	0.460017	-2.17383	2.18328	16.9175	6.88772	1
cg19665289	IFT88;IFT88;IFT88;IFT88	0.142606	0.00508858	0.0687099	-14.5539	0.642081	0.712819	-1.40288	0.870453	0.88866	-1.12529	0.863442	1.13259	1.13259	0.635336	0.707864	-1.4127	0.906317	0.918378	-1.08888	0.359996	0.506294	-1.97514	0.301095	2.17039	2.17039	0.317138	2.11256	2.11256	2.18324	18.0863	7.36368	1
cg02543268	ATP10B	0.142606	0.225178	1.68686	1.68686	0.0291787	2.87179	2.87179	0.722819	1.15741	1.15741	0.0818895	2.20631	2.20631	0.136805	1.93066	1.93066	0.0950029	2.12347	2.12347	0.0200221	3.16459	3.16459	0.235038	1.66673	1.66673	0.621162	1.22688	1.22688	2.18324	5.82556	2.37183	1
cg06855485	GAB1;GAB1	0.142608	0.302635	0.50137	-1.99454	0.0116589	0.130259	-7.67703	0.0310473	0.194617	-5.13829	0.588872	0.702709	-1.42306	0.219115	0.433604	-2.30625	0.0787389	0.282976	-3.53387	0.182271	0.400397	-2.49752	0.622153	0.7253	-1.37874	0.803727	0.851287	-1.17469	2.18322	14.4554	5.88543	1
cg16408565	ORM2	0.14261	0.281467	0.612878	-1.63165	0.0186424	0.287264	-3.48112	0.0446606	0.364855	-2.74082	0.198734	0.552108	-1.81124	0.067426	0.408078	-2.45051	0.352041	0.657778	-1.52027	0.447772	0.712909	-1.4027	0.0426692	0.360362	-2.77499	0.342331	0.651864	-1.53406	2.18321	6.61484	2.69322	1
cg09150928	MGAT5B;MGAT5B	0.142612	0.147025	0.5196	-1.92456	0.0175018	0.296234	-3.37571	0.913315	1.04688	1.04688	0.823654	0.910377	-1.09845	0.0970579	0.464795	-2.15148	0.192711	0.559908	-1.78601	0.028864	0.33821	-2.95674	0.183146	0.552001	-1.81159	0.38602	0.688078	-1.45332	2.18319	6.11955	2.49158	1
cg04219247	CTHRC1	0.142613	0.433958	1.51352	1.51352	0.260133	1.83991	1.83991	0.813431	1.13057	1.13057	0.423345	0.654109	-1.5288	0.0361665	3.54184	3.54184	0.428039	0.657036	-1.52199	0.0536271	0.320582	-3.11933	0.365908	1.61964	1.61964	0.164697	2.1586	2.1586	2.18319	9.31676	3.79333	1
cg17463633	LOC100130331	0.142613	0.127267	1.92973	1.92973	0.420439	0.720288	-1.38833	0.0186242	0.320767	-3.11753	0.59251	0.806258	-1.2403	0.267152	1.58536	1.58536	0.0734526	0.45132	-2.21572	0.665859	0.840981	-1.18909	0.962007	0.981191	-1.01917	0.522882	0.772503	-1.29449	2.18319	5.49413	2.23695	1
cg13015925	ZIC4	0.142617	0.0712012	0.188841	-5.29546	0.976624	1.02453	1.02453	0.772506	1.27094	1.27094	0.848854	0.854013	-1.17094	0.0695326	0.186546	-5.36061	0.41538	0.502295	-1.99086	0.044618	0.148504	-6.73381	0.0758099	0.195054	-5.12679	0.0402583	0.140863	-7.09911	2.18316	23.6544	9.63104	1
cg08375754	TTC9B	0.142617	0.775625	0.94921	-1.05351	0.0860972	1.41331	1.41331	0.56742	0.899935	-1.11119	0.741589	0.941426	-1.06222	0.88354	0.973618	-1.0271	0.735483	0.940023	-1.0638	0.0071991	0.531135	-1.88276	0.542933	1.11888	1.11888	0.453036	0.869851	-1.14962	2.18316	1.15041	0.468399	1
cg04707327	KLHDC1	0.142619	0.932418	1.02965	1.02965	0.0422468	2.23873	2.23873	0.0381839	2.28772	2.28772	0.108133	1.82903	1.82903	0.430527	0.75794	-1.31937	0.397947	0.742215	-1.34732	0.31054	1.43538	1.43538	0.828204	1.07773	1.07773	0.294781	0.687789	-1.45393	2.18315	4.10235	1.67031	1
cg27551605	CRHR1;CRHR1;CRHR1;CRHR1	0.142621	0.141005	0.502704	-1.98924	0.299935	1.59461	1.59461	0.133382	2.02041	2.02041	0.412616	0.69498	-1.43889	0.123752	0.484734	-2.06299	0.917407	1.04609	1.04609	0.0397433	0.355997	-2.80901	0.157007	0.518156	-1.92992	0.326262	0.643862	-1.55313	2.18313	6.52436	2.65648	1
cg02929073	GRM8;GRM8	0.142621	0.857783	0.980156	-1.02025	0.82449	0.975485	-1.02513	0.15292	1.18655	1.18655	0.747175	1.0368	1.0368	0.230903	1.15077	1.15077	0.223729	1.15354	1.15354	0.0873455	0.809843	-1.23481	0.933599	1.00936	1.00936	0.0156887	1.39227	1.39227	2.18313	0.431745	0.17579	1
cg18430152	HOXA3	0.142628	0.0907898	7.52276	7.52276	0.368387	2.72	2.72	0.0461681	11.8736	11.8736	0.0770821	8.40637	8.40637	0.0755798	8.51905	8.51905	0.745566	1.42281	1.42281	0.884773	1.17006	1.17006	0.0560169	10.4256	10.4256	0.0450176	12.0768	12.0768	2.18308	40.557	16.5136	1
cg25840850	COPS8;COPS8;COPS8	0.142632	0.869098	0.979953	-1.02046	0.137436	1.21703	1.21703	0.0621391	1.29412	1.29412	0.283805	0.872221	-1.1465	0.450253	1.09906	1.09906	0.167173	0.834606	-1.19817	0.746315	0.960931	-1.04066	0.384081	1.1158	1.1158	0.0359508	1.34929	1.34929	2.18305	0.521178	0.212212	1
cg00979376	KCND1	0.142632	0.359815	1.68156	1.68156	0.144357	2.37647	2.37647	0.939719	1.04263	1.04263	0.606007	0.750352	-1.33271	0.0286785	0.240571	-4.15678	0.175147	2.21662	2.21662	0.0697485	3.06353	3.06353	0.51375	0.693805	-1.44133	0.95923	1.02862	1.02862	2.18305	10.536	4.29002	1
cg24847163	GABBR1;GABBR1	0.142638	0.577262	1.16543	1.16543	0.934431	0.977878	-1.02262	0.229782	1.40857	1.40857	0.417117	1.25289	1.25289	0.52392	1.19195	1.19195	0.136772	1.54617	1.54617	0.390021	0.787045	-1.27058	0.0315305	0.503795	-1.98493	0.0579456	1.79095	1.79095	2.18301	2.55548	1.04055	1
cg00980410	SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.142642	0.345265	1.4841	1.4841	0.321209	1.51627	1.51627	0.0757549	2.23176	2.23176	0.173329	1.80117	1.80117	0.823758	1.09483	1.09483	0.992741	1.0037	1.0037	0.242772	0.60867	-1.64293	0.0279174	0.348164	-2.87221	0.40788	1.41034	1.41034	2.18298	5.70323	2.3223	1
cg15878909	FAM90A1	0.142644	0.0255497	0.22189	-4.50673	0.811405	0.873153	-1.14527	0.728996	1.21819	1.21819	0.808197	1.14798	1.14798	0.0234339	0.215163	-4.64765	0.0618039	0.303139	-3.29881	0.301093	0.544442	-1.83674	0.304105	0.546649	-1.82933	0.275538	0.525353	-1.90348	2.18297	11.1325	4.53306	1
cg05528918	ZFP161;ZFP161;ZFP161	0.142644	0.346656	1.26635	1.26635	0.0430124	0.567001	-1.76366	0.207246	0.723196	-1.38275	0.649036	0.894361	-1.11812	0.178519	1.41664	1.41664	0.050049	1.72369	1.72369	0.283308	1.3121	1.3121	0.759863	0.928018	-1.07757	0.969321	1.00942	1.00942	2.18296	2.05278	0.835881	1
cg05454501	ZBED3	0.142646	0.075309	23.0021	23.0021	0.215093	7.89511	7.89511	0.335044	0.207183	-4.82665	0.129175	13.4125	13.4125	0.234624	7.1898	7.1898	0.176305	9.74071	9.74071	0.0470794	36.5331	36.5331	0.0740124	23.4004	23.4004	0.0843111	20.5685	20.5685	2.18295	86.6823	35.2967	1
cg16848937	GLI3	0.142646	0.0433461	0.167787	-5.95995	0.393868	0.511251	-1.95599	0.617026	0.678889	-1.473	0.303165	0.440738	-2.26892	0.0612507	0.197881	-5.05355	0.477072	0.573865	-1.74257	0.0185711	0.111625	-8.95853	0.21708	0.368746	-2.71189	0.0466592	0.173787	-5.75419	2.18295	20.4019	8.30757	1
cg05471139	ZNF74;ZNF74	0.142647	0.00854165	0.489456	-2.04309	0.980978	0.994937	-1.00509	0.850424	1.04101	1.04101	0.525024	0.871846	-1.14699	0.0735883	0.653963	-1.52914	0.644199	1.10409	1.10409	0.644449	1.104	1.104	0.277741	1.27167	1.27167	0.991376	1.0023	1.0023	2.18295	1.56733	0.638212	1
cg15137369	LRP12;LRP12	0.142648	0.0518105	1.35125	1.35125	0.818243	0.969173	-1.03181	0.48528	0.908046	-1.10127	0.868528	0.977717	-1.02279	0.193963	0.829487	-1.20556	0.424581	1.11732	1.11732	0.150547	0.810904	-1.23319	0.640707	0.938062	-1.06603	0.0349914	1.39683	1.39683	2.18294	0.639741	0.260502	1
cg08642325	PPP2R2A;PPP2R2A	0.142648	0.0752253	0.749358	-1.33448	0.251436	1.19068	1.19068	0.329937	1.1577	1.1577	0.13992	1.26028	1.26028	0.0989702	1.30144	1.30144	0.866611	0.975811	-1.02479	0.12121	0.782903	-1.2773	0.457426	0.895634	-1.11653	0.277302	1.17889	1.17889	2.18293	0.733487	0.298675	1
cg07785225	PKP2;PKP2	0.142649	0.74222	1.04424	1.04424	0.608192	0.934431	-1.07017	0.960102	1.00658	1.00658	0.0880715	1.28001	1.28001	0.676759	0.946498	-1.05653	0.0834415	1.28571	1.28571	0.0517571	1.33686	1.33686	0.144566	0.81421	-1.22818	0.199054	0.836961	-1.1948	2.18293	0.5947	0.242162	1
cg04980281	ESPN	0.142649	0.0291294	0.549602	-1.8195	0.150367	0.698451	-1.43174	0.330451	0.791534	-1.26337	0.689758	0.91082	-1.09791	0.0177707	0.511214	-1.95613	0.0518759	0.597507	-1.67362	0.622364	0.890863	-1.12251	0.849427	0.956719	-1.04524	0.96152	1.01129	1.01129	2.18293	1.87363	0.762942	1
cg10364945	EIF4E2	0.142651	0.699746	1.06042	1.06042	0.00934612	1.6471	1.6471	0.0357455	1.44761	1.44761	0.342124	0.862282	-1.15971	0.668591	1.06736	1.06736	0.561643	1.0929	1.0929	0.65505	1.07044	1.07044	0.789448	0.960295	-1.04135	0.902966	0.981706	-1.01863	2.18292	0.79228	0.322618	1
cg19559537	LOC284100	0.142652	0.105262	7.52895	7.52895	0.135632	6.26125	6.26125	0.0919209	8.29987	8.29987	0.205687	4.58473	4.58473	0.105778	0.13329	-7.50243	0.40485	2.64353	2.64353	0.415676	0.387168	-2.58286	0.983442	0.976608	-1.02395	0.0851476	8.76742	8.76742	2.18291	44.9762	18.3145	1
cg11661000	BRSK2	0.142652	0.234679	0.746438	-1.3397	0.235964	0.747094	-1.33852	0.290147	1.294	1.294	0.249173	1.3268	1.3268	0.0544018	0.599043	-1.66933	0.983329	0.995107	-1.00492	0.544034	0.86574	-1.15508	0.0211829	0.521752	-1.91662	0.759903	0.930566	-1.07462	2.18291	1.9055	0.775929	1
cg02754494	HOMER1	0.142653	0.0594469	0.786138	-1.27204	0.628281	1.05673	1.05673	0.8148	0.973811	-1.02689	0.0333822	0.754893	-1.32469	0.192419	0.85553	-1.16887	0.891075	0.984623	-1.01562	0.0825052	0.80452	-1.24298	0.549095	1.07097	1.07097	0.230862	1.15275	1.15275	2.1829	0.442216	0.180073	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11244402	FOXO1	0.142655	0.848465	0.921847	-1.08478	0.431166	1.40747	1.40747	0.0133993	0.271763	-3.67968	0.0909992	0.452944	-2.20778	0.300915	1.57772	1.57772	0.65838	1.20839	1.20839	0.275448	0.617143	-1.62037	0.343258	1.5149	1.5149	0.936279	0.966558	-1.0346	2.18289	6.25639	2.54765	1
cg09067029	PLA2G4A	0.142656	0.102638	0.33388	-2.99509	0.0236749	0.190308	-5.25463	0.0177433	0.170167	-5.87659	0.320409	0.532256	-1.8788	0.221561	0.454201	-2.20167	0.116399	0.350649	-2.85185	0.157574	0.395246	-2.53007	0.229517	0.460947	-2.16945	0.633251	0.744327	-1.3435	2.18288	13.0438	5.31154	1
cg27610579	BAG2	0.142656	0.18588	0.533834	-1.87324	0.0722435	0.407478	-2.45412	0.610354	1.25857	1.25857	0.236754	1.74148	1.74148	0.937446	1.03575	1.03575	0.35189	1.53528	1.53528	0.166253	0.51655	-1.93592	0.0294273	0.317349	-3.15111	0.699963	1.18921	1.18921	2.18288	6.92317	2.81918	1
cg18428006	HNRNPAB;HNRNPAB	0.142658	0.096144	0.361031	-2.76984	0.536331	0.705286	-1.41786	0.732475	0.825865	-1.21085	0.505273	0.685961	-1.45781	0.029034	0.238161	-4.19883	0.184111	0.455837	-2.19377	0.0132451	0.180538	-5.53899	0.103612	0.37066	-2.69789	0.415758	0.628892	-1.5901	2.18287	10.7485	4.37693	1
cg09229918	SYNGR3	0.142659	0.0382411	20.0048	20.0048	0.378526	3.08667	3.08667	0.185353	5.76674	5.76674	0.0912908	10.1756	10.1756	0.423843	0.360959	-2.77039	0.520466	2.25381	2.25381	0.800002	1.37258	1.37258	0.0405713	19.108	19.108	0.0528126	15.5775	15.5775	2.18285	53.8014	21.9087	1
cg21660921	RACGAP1;RACGAP1;RACGAP1	0.142661	0.019754	1.65501	1.65501	0.883652	1.02655	1.02655	0.727491	0.939313	-1.06461	0.745365	0.943351	-1.06005	0.636019	0.918219	-1.08906	0.216107	0.792183	-1.26233	0.14373	0.754931	-1.32462	0.0636242	0.688531	-1.45237	0.473227	0.877612	-1.13946	2.18284	1.10723	0.450881	1
cg21995147	ABCA7	0.142662	0.293604	1.4237	1.4237	0.0187138	2.51925	2.51925	0.87191	1.05372	1.05372	0.48275	1.26026	1.26026	0.886388	0.954701	-1.04745	0.292714	1.4247	1.4247	0.0240376	2.39351	2.39351	0.242836	1.48635	1.48635	0.332281	0.723012	-1.3831	2.18284	3.63507	1.48026	1
cg06339974	ZMYM5;ZMYM5;ZMYM5	0.142663	0.242401	0.750747	-1.33201	0.169005	1.40971	1.40971	0.119797	1.48512	1.48512	0.355464	1.24949	1.24949	0.0239226	0.531847	-1.88024	0.84465	1.04704	1.04704	0.244601	1.33007	1.33007	0.881926	1.03544	1.03544	0.383588	1.23289	1.23289	2.18283	1.89826	0.773009	1
cg09722517	PTK2;PTK2	0.142664	0.374314	1.18447	1.18447	0.568713	1.11287	1.11287	0.959649	1.00944	1.00944	0.460398	0.869772	-1.14973	0.0412244	0.645857	-1.54833	0.0299644	0.622476	-1.60649	0.708646	1.07217	1.07217	0.116801	1.37208	1.37208	0.999133	1.0002	1.0002	2.18282	1.19146	0.485185	1
cg27174861	PTPRF;PTPRF	0.142664	0.54228	0.905382	-1.10451	0.547931	1.10294	1.10294	0.966583	0.993272	-1.00677	0.945852	0.989115	-1.01101	0.164642	0.787494	-1.26985	0.010389	0.594493	-1.6821	0.108334	1.32614	1.32614	0.326435	0.84937	-1.17734	0.897502	1.02098	1.02098	2.18282	0.897687	0.365556	1
cg11159295	PPM1M;PPM1M	0.142665	0.0374994	0.554276	-1.80416	0.343667	0.787827	-1.26931	0.58433	0.873665	-1.1446	0.0213211	0.508424	-1.96686	0.0456842	0.571149	-1.75086	0.853013	1.04639	1.04639	0.840534	0.951942	-1.05048	0.0904041	0.633722	-1.57798	0.646754	0.893326	-1.11941	2.18282	2.06613	0.841372	1
cg03118417	RANBP3;RANBP3;RANBP3	0.142665	0.433164	0.705411	-1.41761	0.131894	0.491868	-2.03307	0.458137	0.71919	-1.39045	0.206491	1.78845	1.78845	0.177766	0.535336	-1.86799	0.0556507	0.388226	-2.57582	0.0724823	0.417102	-2.39749	0.333006	1.54605	1.54605	0.1163	0.47491	-2.10566	2.18281	6.58112	2.67997	1
cg24571822	CUBN	0.142665	0.36594	1.4598	1.4598	0.551956	1.27773	1.27773	0.599168	1.2411	1.2411	0.5612	1.27033	1.27033	0.614722	1.22961	1.22961	0.0788523	2.21398	2.21398	0.458439	0.735304	-1.35998	0.00550184	4.42084	4.42084	0.234069	1.66203	1.66203	2.18281	5.73407	2.33504	1
cg07543199	ZNF488	0.142667	0.708451	0.812096	-1.23138	0.75818	1.18662	1.18662	0.455689	0.656402	-1.52346	0.0354699	3.88313	3.88313	0.0517379	0.293264	-3.40989	0.11123	2.61522	2.61522	0.720803	1.21999	1.21999	0.157636	2.30991	2.30991	0.948899	1.03615	1.03615	2.1828	10.6139	4.32224	1
cg09564802	SLC10A7	0.14267	0.0833395	0.600516	-1.66524	0.0490365	0.550007	-1.81816	0.0222128	0.48227	-2.07353	0.765113	0.923381	-1.08298	0.399017	0.794769	-1.25823	0.891916	1.03683	1.03683	0.937069	1.02123	1.02123	0.920613	0.973828	-1.02688	0.0439714	0.54019	-1.8512	2.18277	2.44674	0.996383	1
cg17490790	RDH8	0.14267	0.0532066	0.260549	-3.83805	0.0868628	0.31415	-3.1832	0.151377	0.390104	-2.56342	0.131112	0.368565	-2.71322	0.107322	0.340863	-2.93373	0.1506	0.389306	-2.56867	0.0449435	0.244354	-4.09242	0.0345221	0.221009	-4.52471	0.62521	0.739744	-1.35182	2.18277	12.9621	5.27855	1
cg15881444	NECAP2;NECAP2;NECAP2	0.142671	0.00885185	0.393228	-2.54306	0.443446	1.24467	1.24467	0.238829	1.41279	1.41279	0.61894	1.15079	1.15079	0.261622	0.720428	-1.38806	0.639731	0.876293	-1.14117	0.297155	1.3536	1.3536	0.887527	0.961134	-1.04044	0.539182	1.19023	1.19023	2.18277	2.71253	1.10462	1
cg02813121	S100A12	0.142673	0.0245405	0.0570978	-17.5138	0.204713	0.239214	-4.18036	0.0896235	0.13531	-7.39044	0.207505	0.241552	-4.1399	?	?	?	0.804601	0.767245	-1.30336	0.897549	1.14762	1.14762	0.0426987	0.0825983	-12.1068	0.132617	0.17649	-5.66606	2.20107	35.4019	16.0839	1
cg01215037	PRRG2;NOSIP	0.142673	0.39208	0.926386	-1.07946	0.010546	1.32391	1.32391	0.118297	1.15938	1.15938	0.782641	1.02441	1.02441	0.501832	1.06125	1.06125	0.38306	0.92496	-1.08113	0.280589	0.906824	-1.10275	0.840205	0.982548	-1.01776	0.414074	1.07553	1.07553	2.18275	0.262902	0.107062	1
cg05870586	HDAC4	0.142676	0.0783589	0.356028	-2.80877	0.570265	1.35389	1.35389	0.476796	1.4653	1.4653	0.662051	0.792725	-1.26147	0.0359856	0.275729	-3.62675	0.239525	1.91646	1.91646	0.185821	0.476692	-2.09779	0.0903815	0.37325	-2.67917	0.266614	0.542654	-1.84279	2.18274	9.64238	3.92673	1
cg19311375	EPAS1	0.14268	0.587036	0.718486	-1.39182	0.941161	1.04551	1.04551	0.0808507	0.311284	-3.21251	0.758826	0.830564	-1.204	0.208576	0.449696	-2.22373	0.301172	1.90754	1.90754	0.0084294	0.131575	-7.60021	0.773567	1.18995	1.18995	0.368006	0.572672	-1.7462	2.18271	12.5636	5.1164	1
cg00535403	PTPN4	0.14268	0.661006	1.13746	1.13746	0.955459	0.98383	-1.01644	0.229391	0.692033	-1.44502	0.726755	1.10782	1.10782	0.0157815	0.42177	-2.37096	0.80111	0.928974	-1.07646	0.145945	0.634058	-1.57714	0.588035	0.852459	-1.17308	0.0244594	0.457309	-2.1867	2.18271	2.94496	1.19931	1
cg15646778	KIFC1	0.14268	0.0368164	0.265622	-3.76475	0.118131	0.395555	-2.52809	0.108802	0.384412	-2.60137	0.934869	0.956306	-1.04569	0.138297	0.417997	-2.39236	0.314881	0.566605	-1.7649	0.0569922	0.308108	-3.24562	0.316216	0.567552	-1.76195	0.0258433	0.235413	-4.24785	2.1827	10.3292	4.2065	1
cg03913921	TSPAN12	0.14269	0.0573212	0.443404	-2.25528	0.019454	0.34354	-2.91087	0.160168	0.566907	-1.76396	0.7102	0.868336	-1.15163	0.216222	0.611264	-1.63595	0.330927	0.684246	-1.46146	0.0211419	0.350437	-2.85358	0.296127	0.663816	-1.50644	0.396618	0.720132	-1.38863	2.18264	4.94529	2.01399	1
cg24071851	CEP135	0.142694	0.386514	0.616394	-1.62234	0.891961	0.928602	-1.07689	?	?	?	0.0562072	3.25013	3.25013	0.0682455	0.328605	-3.04317	0.283999	1.83436	1.83436	0.0917161	0.363446	-2.75144	0.898301	0.932674	-1.07219	0.336305	0.582516	-1.71669	2.20091	9.20619	4.18289	1
cg02610070	RNF187	0.142696	0.404418	0.810632	-1.23361	0.848803	0.954118	-1.04809	0.371812	0.797997	-1.25314	0.8804	1.03775	1.03775	0.0100964	0.44988	-2.22281	0.379807	1.24821	1.24821	0.82063	1.05748	1.05748	0.283123	1.31579	1.31579	0.0872447	0.628349	-1.59147	2.18259	2.09335	0.852546	1
cg22133495	CDK12;CDK12	0.142697	0.8269	0.959361	-1.04236	0.118765	0.72559	-1.37819	0.74634	0.940369	-1.06341	0.0117422	0.55085	-1.81538	0.402188	0.850089	-1.17635	0.521905	1.13084	1.13084	0.494092	0.876739	-1.14059	0.250805	0.796673	-1.25522	0.13928	1.35179	1.35179	2.18258	1.24047	0.505198	1
cg08251704	DGKD;DGKD	0.142698	0.0577913	3.26149	3.26149	0.403431	0.624259	-1.6019	0.590633	0.741359	-1.34887	0.586765	1.35317	1.35317	0.068756	0.325426	-3.0729	0.542417	1.4047	1.4047	0.198618	0.472998	-2.11418	0.271009	0.531762	-1.88054	0.110016	2.61169	2.61169	2.18257	10.4986	4.27571	1
cg21107889	KIAA1328	0.142702	0.156183	0.378199	-2.64411	0.0369033	0.211499	-4.72817	0.0607922	0.258004	-3.87591	0.973412	0.978864	-1.02159	0.015801	0.15027	-6.65469	0.353146	0.542066	-1.8448	0.140309	0.36173	-2.76449	0.515089	0.655028	-1.52665	0.268418	0.477661	-2.09353	2.18255	14.2013	5.78377	1
cg22489491	PDZRN4;PDZRN4	0.142705	0.173574	0.61096	-1.63677	0.281311	0.683138	-1.46383	0.0386388	0.442597	-2.25939	0.421664	1.32226	1.32226	0.808218	0.920576	-1.08628	0.713621	1.13364	1.13364	0.791948	0.913962	-1.09414	0.422463	0.756662	-1.32159	0.0125094	0.347398	-2.87855	2.18252	4.00312	1.63037	1
cg14060441	PELI1	0.142708	0.843584	0.970615	-1.03027	0.419164	1.13272	1.13272	0.0963194	1.31742	1.31742	0.191955	0.811773	-1.23187	0.0545347	1.38999	1.38999	0.193065	0.812244	-1.23116	0.219024	0.822703	-1.21551	0.246168	0.83268	-1.20094	0.368537	1.14963	1.14963	2.18251	0.787875	0.320885	1
cg27576982	PAH	0.14271	0.416623	0.786437	-1.27156	0.191767	0.670384	-1.49168	0.236496	0.69841	-1.43182	0.353587	0.758655	-1.31812	0.0203464	0.445183	-2.24627	0.194209	1.48805	1.48805	0.0411607	0.505727	-1.97735	0.585622	0.852729	-1.17271	0.239052	0.699901	-1.42877	2.18249	2.89469	1.17896	1
cg01747862	NBLA00301	0.14271	0.16514	0.537112	-1.86181	0.0189237	0.303241	-3.2977	0.138197	0.511658	-1.95443	0.961772	1.02033	1.02033	0.756768	1.13931	1.13931	0.259238	0.610115	-1.63904	0.0211838	0.312455	-3.20046	0.66939	0.835006	-1.1976	0.289373	0.630227	-1.58673	2.18249	6.09167	2.48103	1
cg08169341	KIAA0146	0.142711	0.414318	0.527102	-1.89717	0.0469723	0.17466	-5.7254	0.0330632	0.14772	-6.76955	0.0197172	0.115184	-8.68177	0.358725	0.484706	-2.06311	0.381691	0.502332	-1.99072	0.0777624	0.222184	-4.50078	0.659217	0.711371	-1.40574	0.851403	0.865968	-1.15478	2.18248	20.3549	8.29022	1
cg07703530	ZBTB10;ZBTB10	0.142712	0.380814	0.735578	-1.35947	0.131105	1.74522	1.74522	0.0875932	1.90446	1.90446	0.150169	1.69377	1.69377	0.561858	0.818429	-1.22185	0.871932	0.946377	-1.05666	0.0745241	0.507255	-1.97139	0.866033	1.05938	1.05938	0.119097	0.561095	-1.78223	2.18247	4.03405	1.64301	1
cg06574757	PPM1L	0.142713	0.0355192	0.160846	-6.21712	0.493467	0.601656	-1.66208	0.669979	0.73144	-1.36717	0.365533	0.506398	-1.97473	0.0326356	0.154389	-6.47713	0.0559782	0.200066	-4.99834	0.0422931	0.174951	-5.71588	0.46112	0.5779	-1.7304	0.0825475	0.240743	-4.15381	2.29795	18.9262	6.40589	1
cg17602451	BCL2;BCL2	0.142714	0.117326	0.763172	-1.31032	0.496567	1.11592	1.11592	0.657461	1.07348	1.07348	0.590304	1.0902	1.0902	0.573314	0.913553	-1.09463	0.755973	0.951676	-1.05078	0.00670107	0.571924	-1.74849	0.481214	0.892479	-1.12047	0.208191	0.809916	-1.2347	2.18246	0.872567	0.355385	1
cg23221915	GPD1L;GPD1L	0.142714	0.241328	0.802334	-1.24636	0.277018	0.816271	-1.22508	0.219571	0.793098	-1.26088	0.134674	0.74856	-1.3359	0.049253	0.668307	-1.49632	0.0663718	0.690928	-1.44733	0.0619047	0.68557	-1.45864	0.179836	1.29147	1.29147	0.574818	0.903236	-1.10713	2.18246	1.11445	0.453903	1
cg05258489	CHD7	0.142716	0.16708	1.18156	1.18156	0.319311	1.12364	1.12364	0.245634	1.14745	1.14745	0.194557	1.16816	1.16816	0.501406	1.08035	1.08035	0.439519	1.09341	1.09341	0.0202136	0.728172	-1.3733	0.662687	1.05097	1.05097	0.121694	1.20929	1.20929	2.18244	0.443442	0.18061	1
cg17360650	RPL26L1;LOC100268168;LOC100268168	0.142717	0.978352	0.995197	-1.00483	0.0974402	0.724191	-1.38085	0.370866	1.17708	1.17708	0.448337	0.87188	-1.14695	0.0663852	0.693974	-1.44098	0.319662	1.20018	1.20018	0.0823558	0.710743	-1.40698	0.106894	1.36659	1.36659	0.730228	1.06334	1.06334	2.18244	1.08822	0.443221	1
cg05048259	CAMTA1	0.14272	0.738823	0.871658	-1.14724	0.008506	3.96934	3.96934	0.0490794	2.5149	2.5149	0.541659	1.28867	1.28867	0.670223	0.838749	-1.19225	0.744037	0.874157	-1.14396	0.237422	1.6621	1.6621	0.851614	0.926009	-1.0799	0.434207	1.38758	1.38758	2.18242	5.82455	2.37231	1
cg00252594	ANKRD9	0.142721	0.741814	1.08006	1.08006	0.0351315	0.564544	-1.77134	0.109384	0.665888	-1.50176	0.5269	0.86127	-1.16108	0.492394	1.17635	1.17635	0.572628	0.875637	-1.14203	0.0611115	1.63495	1.63495	0.339739	0.795164	-1.2576	0.319556	1.27076	1.27076	2.18241	1.87563	0.763937	1
cg22620363	LOC283050;LOC283050;LOC283050	0.142722	0.235385	0.525048	-1.90459	0.921126	1.05226	1.05226	0.0101826	0.177251	-5.64172	0.0898688	0.376693	-2.65468	0.467771	0.683166	-1.46377	0.796837	1.14195	1.14195	?	?	?	0.857462	1.0969	1.0969	0.146478	0.444633	-2.24905	2.31505	8.44039	3.19015	1
cg15232539	CSGALNACT1;CSGALNACT1;CSGALNACT1;CSGALNACT1	0.142722	0.693112	0.813401	-1.22941	0.126671	0.418887	-2.38728	0.0284258	3.98148	3.98148	?	?	?	0.231329	0.517859	-1.93103	0.617984	0.76957	-1.29943	0.714666	0.825989	-1.21067	0.328764	1.69384	1.69384	0.154504	2.22852	2.22852	2.31504	8.63727	3.26457	1
cg16483473	STK3	0.142726	0.0396482	0.578175	-1.72958	0.421786	1.20357	1.20357	0.883806	1.03346	1.03346	0.35302	1.24112	1.24112	0.0360516	0.57005	-1.75423	0.369326	0.811924	-1.23164	0.158006	1.4095	1.4095	0.67276	0.908741	-1.10042	0.390382	0.819699	-1.21996	2.29784	1.80453	0.6108	1
cg10308812	NEDD9;NEDD9;NEDD9;NEDD9;NEDD9	0.142726	0.384393	1.13797	1.13797	0.179577	1.22945	1.22945	0.950395	1.00906	1.00906	0.878793	1.02236	1.02236	0.0800043	0.754658	-1.3251	0.414732	1.12842	1.12842	0.0478267	0.720441	-1.38804	0.556483	0.917418	-1.09002	0.0597345	0.735003	-1.36054	2.18237	0.725848	0.295641	1
cg21571793	FOXN3	0.142727	0.997641	1.00103	1.00103	0.150508	0.584851	-1.70984	0.0225327	0.386357	-2.58828	0.499727	0.787835	-1.2693	0.290244	0.682461	-1.46528	0.828001	1.07868	1.07868	0.0464862	0.452162	-2.2116	0.0392246	0.435858	-2.29433	0.175325	0.605521	-1.65147	2.18237	4.18759	1.70563	1
cg03863979	RPL24	0.142728	0.949836	1.00987	1.00987	0.723988	0.946134	-1.05693	0.202199	0.810354	-1.23403	0.476928	1.11956	1.11956	0.630917	0.92719	-1.07853	0.791169	0.959403	-1.04232	0.0268316	1.50616	1.50616	0.517032	0.902496	-1.10804	0.0272852	0.66503	-1.50369	2.18236	0.842956	0.343341	1
cg10779340	ZBTB40;ZBTB40	0.142729	0.399122	0.832733	-1.20087	0.89574	0.972582	-1.02819	0.0491173	0.621091	-1.61007	0.126339	1.42004	1.42004	0.116641	0.696636	-1.43547	0.386535	1.2071	1.2071	0.537227	1.14165	1.14165	0.318701	1.24424	1.24424	0.0985797	0.68107	-1.46828	2.18235	1.55408	0.632987	1
cg19990454	NFKB2;NFKB2;NFKB2	0.14273	0.823482	0.859889	-1.16294	0.984516	0.986974	-1.0132	0.433061	1.71692	1.71692	0.00727478	0.0964213	-10.3712	0.978244	1.0186	1.0186	0.755683	1.23477	1.23477	0.204647	2.47025	2.47025	0.269291	2.17559	2.17559	0.396862	1.7971	1.7971	2.18235	15.7783	6.42662	1
cg15661536	SEPT9;SEPT9;SEPT9	0.14273	0.735219	0.807596	-1.23824	0.462288	1.60172	1.60172	0.0732681	0.284376	-3.51647	0.895379	1.08635	1.08635	0.031687	0.204825	-4.88223	0.8049	1.1686	1.1686	0.4425	0.610811	-1.63717	0.0195136	0.169119	-5.91299	0.917116	0.936568	-1.06773	2.18234	13.6984	5.57947	1
cg13453139	PIK3R5;PIK3R5	0.142731	0.463454	0.784974	-1.27393	0.0760463	1.89736	1.89736	0.231376	1.5027	1.5027	0.655057	1.15706	1.15706	0.129354	1.70171	1.70171	0.187536	1.57323	1.57323	0.186427	1.57524	1.57524	0.0720048	0.521252	-1.91846	0.37209	0.742823	-1.34622	2.18234	3.63775	1.48169	1
cg15435170	LOC404266;LOC404266;HOXB6	0.142731	0.344221	1.34832	1.34832	0.534783	1.21267	1.21267	0.057073	1.93554	1.93554	0.151741	1.60172	1.60172	0.498235	0.809851	-1.23479	0.246887	0.689762	-1.44978	0.0626488	0.525918	-1.90144	0.391822	1.3088	1.3088	0.196181	1.5208	1.5208	2.18234	3.2521	1.32462	1
cg04267851	TRIB3	0.142732	0.166957	0.575031	-1.73904	0.625172	1.2031	1.2031	0.348108	0.695737	-1.43733	0.674849	1.17169	1.17169	0.0170882	0.335629	-2.97948	0.0258229	0.370126	-2.70178	0.98314	0.992096	-1.00797	0.33343	0.687513	-1.45452	0.252735	0.638496	-1.56618	2.18233	4.87463	1.98549	1
cg02304863	ANTXR1;ANTXR1;ANTXR1;ANTXR1;ANTXR1;ANTXR1	0.142737	0.815289	1.03048	1.03048	0.624833	1.06527	1.06527	0.0158556	0.684479	-1.46097	0.131779	0.811624	-1.2321	0.100793	1.25936	1.25936	0.165406	0.827107	-1.20903	0.697993	0.951203	-1.0513	0.653455	0.943667	-1.0597	0.772536	1.03789	1.03789	2.1823	0.56893	0.231735	1
cg26676387	PXN;PXN;PXN	0.142737	0.765591	1.078	1.078	0.0508561	1.74851	1.74851	0.0303746	1.8951	1.8951	0.727486	0.915876	-1.09185	0.282803	0.755539	-1.32356	0.197255	1.4083	1.4083	0.685892	0.902913	-1.10753	0.565466	0.864212	-1.15712	0.209067	0.717065	-1.39457	2.18229	2.18067	0.888228	1
cg21746969	LRTM2;LRTM2;LRTM2;LRTM2;CACNA2D4;LRTM2;LRTM2	0.142739	0.0633264	0.533792	-1.87339	0.72253	1.11313	1.11313	0.336974	1.3466	1.3466	0.690162	0.886518	-1.12801	0.0186199	0.424213	-2.35731	0.295036	0.72148	-1.38604	0.0515638	0.513691	-1.9467	0.761522	0.912561	-1.09582	0.495938	0.812346	-1.231	2.18228	3.12327	1.27218	1
cg23648904	SLC5A6;C2orf28;SLC5A6;C2orf28;C2orf28	0.142741	0.405237	1.22795	1.22795	0.0843715	0.631037	-1.58469	0.985418	0.995603	-1.00442	0.0397345	1.77427	1.77427	0.585371	0.8756	-1.14207	0.732123	1.08639	1.08639	0.0351682	0.553387	-1.80705	0.576249	0.872708	-1.14586	0.930765	1.02118	1.02118	2.18226	2.00981	0.818644	1
cg05330921	BOD1L	0.142745	0.10927	0.200915	-4.97722	0.137698	4.3454	4.3454	0.108904	4.98696	4.98696	0.926259	1.0888	1.0888	0.0384714	0.110393	-9.05854	0.719649	0.718031	-1.3927	0.238844	0.321834	-3.1072	0.690444	1.44469	1.44469	0.380835	0.437749	-2.28442	2.18224	29.1914	11.8905	1
cg12336877	LOC100289341;MAN1B1	0.142745	0.427757	1.11236	1.11236	0.315667	1.1462	1.1462	0.41853	1.11485	1.11485	0.19101	1.19973	1.19973	0.0921542	1.2761	1.2761	0.36158	0.88396	-1.13127	0.0426817	0.73574	-1.35918	0.336612	1.13917	1.13917	0.104178	1.26319	1.26319	2.18223	0.597826	0.243512	1
cg06927864	IL1RAPL1	0.142755	0.998869	0.999429	-1.00057	0.00634505	0.239152	-4.18144	0.119566	0.506597	-1.97396	0.311161	1.52484	1.52484	0.727218	1.15142	1.15142	0.723396	1.15382	1.15382	0.637943	0.826265	-1.21027	0.72542	0.867642	-1.15255	0.62509	1.21931	1.21931	2.18216	5.6025	2.28214	1
cg14182254	SFRS4	0.142762	0.751327	0.862675	-1.15919	0.0621539	0.37693	-2.65301	0.873973	1.07654	1.07654	0.469894	1.4072	1.4072	0.363976	0.648256	-1.5426	0.474703	0.713349	-1.40184	0.0310442	0.308444	-3.24208	0.575672	1.3005	1.3005	0.0280446	0.299481	-3.33911	2.18212	7.46125	3.03935	1
cg04267772	CARHSP1;CARHSP1	0.142763	0.196885	2.03861	2.03861	0.168044	2.15326	2.15326	0.283062	1.79013	1.79013	0.12439	2.38354	2.38354	0.221434	1.95615	1.95615	0.313581	1.7231	1.7231	0.0119349	5.14393	5.14393	0.0279417	3.88024	3.88024	0.769503	1.16579	1.16579	2.18211	9.41916	3.83693	1
cg21826442	LPHN3	0.142764	0.309152	0.804157	-1.24354	0.77858	1.06011	1.06011	0.184545	0.747176	-1.33837	0.467847	0.858151	-1.1653	0.0242016	0.573215	-1.74455	0.196633	1.32673	1.32673	0.186565	1.33637	1.33637	0.11546	0.701607	-1.4253	0.524649	0.875018	-1.14283	2.1821	1.48209	0.603737	1
cg20713712	LYG2	0.142766	0.480429	1.14558	1.14558	0.13033	1.36287	1.36287	0.39516	1.17941	1.17941	0.559667	0.894248	-1.11826	0.185118	0.766219	-1.30511	0.317625	1.2162	1.2162	0.0479589	1.53481	1.53481	0.513482	0.882001	-1.13379	0.0754497	0.687287	-1.455	2.18209	1.2408	0.505448	1
cg27288614	FXYD7	0.142769	0.401139	0.84586	-1.18223	0.613198	0.905473	-1.1044	0.51146	1.13851	1.13851	0.393747	0.84352	-1.18551	0.112793	0.714449	-1.39968	0.383519	1.19014	1.19014	0.0110234	0.537326	-1.86107	0.24698	1.26594	1.26594	0.543695	0.887162	-1.12719	2.18207	1.31137	0.5342	1
cg07889996	FAM108C1	0.14277	0.138248	0.769927	-1.29882	0.858211	0.971129	-1.02973	0.189757	0.796494	-1.2555	0.870418	0.973609	-1.02711	0.825227	1.0369	1.0369	0.00768052	0.570506	-1.75283	0.274445	1.20477	1.20477	0.756587	0.950339	-1.05226	0.559706	1.10145	1.10145	2.18206	0.927496	0.377827	1
cg01665432	SNORA2A;C12orf41	0.142774	0.930398	0.955865	-1.04617	0.285871	1.77304	1.77304	0.507329	1.41561	1.41561	0.0139299	0.208141	-4.80444	0.20109	0.497754	-2.00903	0.455556	0.675237	-1.48096	0.513991	0.71037	-1.40772	0.970461	1.01932	1.01932	0.0485911	0.312227	-3.20279	2.18203	9.22632	3.75851	1
cg05363903	IQCA1	0.142774	0.131687	0.570064	-1.75419	0.263482	1.4957	1.4957	0.86083	1.06248	1.06248	0.725538	1.12945	1.12945	0.540282	0.807251	-1.23877	0.962778	1.01625	1.01625	0.0656538	2.04106	2.04106	0.132814	0.571142	-1.75088	0.0426873	2.23857	2.23857	2.18203	4.12219	1.67925	1
cg16210156	ZNF607;ZNF607	0.142776	0.977643	0.993456	-1.00659	0.0248014	0.534729	-1.87011	0.0918824	1.5446	1.5446	0.553535	0.868995	-1.15075	0.081489	0.636097	-1.57209	0.313009	1.27698	1.27698	0.629457	0.892343	-1.12065	0.40867	1.21895	1.21895	0.637159	0.894658	-1.11775	2.18202	1.89696	0.772766	1
cg25399743	EPHX2	0.142776	0.578766	0.798413	-1.25248	0.103712	2.04268	2.04268	0.0282772	2.82806	2.82806	0.776067	1.12129	1.12129	0.631485	0.823666	-1.21408	0.699093	1.16874	1.16874	0.161554	1.82231	1.82231	0.373389	0.692938	-1.44313	0.0411095	2.57544	2.57544	2.18201	5.56882	2.26858	1
cg04958157	MCF2L;MCF2L	0.142779	0.856627	0.924398	-1.08178	0.0781569	2.34129	2.34129	0.305967	1.58525	1.58525	0.942069	0.968902	-1.0321	0.0148974	0.272069	-3.67553	0.428258	1.42126	1.42126	0.221951	0.57236	-1.74715	0.683393	0.836741	-1.19511	0.657523	1.21403	1.21403	2.18199	6.52963	2.66001	1
cg01459030	MIR590;EIF4H;EIF4H	0.142783	0.391158	1.2174	1.2174	0.177133	0.725289	-1.37876	0.37331	0.814948	-1.22707	0.985896	1.00397	1.00397	0.0540367	1.63172	1.63172	0.0440608	0.595704	-1.67869	0.171867	1.38491	1.38491	0.416734	1.20422	1.20422	0.895848	0.971101	-1.02976	2.18196	1.73241	0.705749	1
cg10717906	VASP	0.142784	0.557561	1.13582	1.13582	0.746622	1.07209	1.07209	0.320368	1.24665	1.24665	0.0965733	0.675901	-1.47951	0.28956	0.789755	-1.26622	0.329861	0.805813	-1.24098	0.0755928	0.653976	-1.52911	0.083107	1.50977	1.50977	0.185253	1.35208	1.35208	2.18195	1.59316	0.649025	1
cg04366104	SERTAD2	0.142787	0.252227	0.50965	-1.96213	0.423541	0.630877	-1.5851	0.882131	0.919788	-1.08721	0.158933	0.428057	-2.33614	0.0478272	0.279393	-3.57919	0.154311	0.423445	-2.36158	0.00925679	0.155475	-6.43191	0.190679	0.457986	-2.18347	0.154864	0.424	-2.35849	2.18194	10.9753	4.47116	1
cg06060201	LOC401630;LOC401629	0.142789	0.164101	3.05368	3.05368	0.440939	0.553842	-1.80557	0.982109	0.983281	-1.017	0.0322409	0.15173	-6.59064	0.596405	1.4946	1.4946	0.48794	1.69864	1.69864	0.101778	0.260067	-3.84516	0.103599	3.8129	3.8129	0.568511	1.54243	1.54243	2.18192	19.5368	7.95906	1
cg21707816	EXOG;EXOG	0.14279	0.148695	0.720338	-1.38824	0.443579	0.847528	-1.1799	0.0812577	0.6641	-1.5058	0.117932	0.69798	-1.43271	0.415136	1.19292	1.19292	0.422365	0.84066	-1.18954	0.122132	0.701287	-1.42595	0.0476264	0.61894	-1.61566	0.0334264	0.590754	-1.69275	2.18191	1.54995	0.631435	1
cg05325229	MTCH1	0.142791	0.234681	1.7578	1.7578	0.00574304	5.15227	5.15227	0.0839428	2.3773	2.3773	0.126756	2.11263	2.11263	0.717247	1.17902	1.17902	0.664799	1.21824	1.21824	0.52523	1.33846	1.33846	0.136982	2.06552	2.06552	0.48353	1.38048	1.38048	2.18191	7.08572	2.88666	1
cg27246744	OSBPL10	0.142792	0.0447308	0.326792	-3.06005	0.476796	0.703887	-1.42068	0.305166	0.597264	-1.6743	0.0892874	0.402745	-2.48296	0.377247	0.644179	-1.55236	0.723804	0.841794	-1.18794	0.01669	0.242114	-4.13028	0.516216	1.37644	1.37644	0.0969479	0.412995	-2.42134	2.1819	8.14148	3.31677	1
cg21311996	BRD2;BRD2	0.142792	0.0257294	0.337028	-2.96711	0.257702	1.62411	1.62411	0.069663	2.30029	2.30029	0.804413	1.10725	1.10725	0.194317	1.7573	1.7573	0.266193	1.60912	1.60912	0.76391	0.883664	-1.13165	0.345033	0.670772	-1.49082	0.885386	1.06101	1.06101	2.1819	5.82565	2.37333	1
cg21645070	SETD8	0.142793	0.445537	0.833499	-1.19976	0.00615358	2.30942	2.30942	0.451277	1.19691	1.19691	0.506908	0.854112	-1.17081	0.22966	0.744392	-1.34338	0.823877	0.949135	-1.05359	0.972751	0.992033	-1.00803	0.478982	1.18359	1.18359	0.508878	1.16993	1.16993	2.18189	1.89532	0.772142	1
cg03734302	ZNF496	0.142795	0.272354	0.654692	-1.52744	0.848921	1.07327	1.07327	0.672774	1.17058	1.17058	0.955693	1.02081	1.02081	0.00647466	0.269182	-3.71496	0.115356	0.53011	-1.8864	0.642223	1.18942	1.18942	0.770713	1.11443	1.11443	0.254449	0.64328	-1.55453	2.18188	4.74998	1.93512	1
cg15775779	EDAR	0.142795	0.849746	1.06357	1.06357	0.0227595	2.42502	2.42502	0.854447	1.06149	1.06149	0.081859	0.53441	-1.87122	0.352532	0.73279	-1.36465	0.809655	1.08158	1.08158	0.0627576	1.97478	1.97478	0.89212	1.04508	1.04508	0.606847	0.844779	-1.18374	2.18187	3.64943	1.48677	1
cg15063322	VSIG8;C1orf204	0.142797	0.0511778	0.222241	-4.49962	0.911572	1.07815	1.07815	0.347351	0.519254	-1.92584	0.440112	0.586697	-1.70446	0.290547	0.475733	-2.10202	0.108944	0.306049	-3.26745	0.0245217	0.162926	-6.13775	0.429711	1.72627	1.72627	0.300677	2.06753	2.06753	2.18187	15.8515	6.45788	1
cg03330818	KIAA1751	0.142797	0.281453	0.879919	-1.13647	0.517136	0.927692	-1.07794	0.565279	1.06869	1.06869	0.68831	0.954961	-1.04716	0.63035	0.946094	-1.05698	0.0347956	1.32468	1.32468	0.044977	1.30075	1.30075	0.0750737	1.25424	1.25424	0.86735	0.981077	-1.01929	2.18187	0.451309	0.183863	1
cg16780890	AMIGO2;AMIGO2	0.142797	0.36038	0.795134	-1.25765	0.0131149	0.472362	-2.11702	0.230631	0.735955	-1.35878	0.242766	0.742287	-1.34719	0.0713879	0.612067	-1.63381	0.050797	0.58129	-1.72031	0.5317	1.16701	1.16701	0.708836	0.912607	-1.09576	0.755243	0.926596	-1.07922	2.18186	2.05387	0.836746	1
cg09391966	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.142798	0.831811	1.0377	1.0377	0.385862	1.1673	1.1673	0.733947	1.06116	1.06116	0.0293331	1.56309	1.56309	0.689352	1.07242	1.07242	0.0727431	1.41674	1.41674	0.073076	0.706195	-1.41604	0.282633	1.21443	1.21443	0.145219	1.31285	1.31285	2.18185	1.04639	0.426299	1
cg02010047	SELO	0.142802	0.791402	1.09571	1.09571	0.0152322	2.79468	2.79468	0.0477287	2.18292	2.18292	0.529463	1.24567	1.24567	0.412226	0.748938	-1.33522	0.741053	1.12115	1.12115	0.0490131	2.17055	2.17055	0.790637	1.09609	1.09609	0.869251	1.05845	1.05845	2.18183	4.10882	1.67395	1
cg25803583	SERPINF2;SERPINF2;SERPINF2	0.142802	0.717283	1.12721	1.12721	0.113764	0.567439	-1.7623	0.0224816	2.46003	2.46003	0.778852	0.911461	-1.09714	0.291487	0.697366	-1.43397	0.193255	0.635486	-1.5736	0.45774	1.28276	1.28276	0.451377	0.776715	-1.28747	0.168216	0.616578	-1.62185	2.18183	3.74714	1.5266	1
cg16605523	TMED2	0.142804	0.117542	2.04645	2.04645	0.300377	1.57158	1.57158	0.0299348	2.93283	2.93283	0.231235	0.589189	-1.69725	?	?	?	?	?	?	?	?	?	0.910234	0.9536	-1.04866	0.368966	1.47507	1.47507	2.25071	4.21725	2.49832	1
cg15155051	ZNF311	0.142806	0.65803	1.10538	1.10538	0.991161	0.997512	-1.00249	0.0623865	0.623897	-1.60283	0.0987724	0.665561	-1.50249	0.886465	1.03265	1.03265	0.163067	0.715438	-1.39775	0.103336	1.49289	1.49289	0.673611	0.909117	-1.09997	0.0512023	0.606907	-1.6477	2.1818	1.748	0.712155	1
cg07479303	ESRRG;ESRRG;ESRRG	0.142806	0.130012	0.676815	-1.47751	0.741061	0.923901	-1.08237	0.261884	0.756357	-1.32213	0.276449	0.763229	-1.31022	0.0351813	0.55677	-1.79607	0.977531	1.00674	1.00674	0.108644	1.51842	1.51842	0.164786	0.70207	-1.42436	0.0797414	0.628686	-1.59062	2.1818	1.96857	0.802016	1
cg18393722	UBE2QP1	0.142807	0.222819	0.785727	-1.27271	0.474853	1.1466	1.1466	0.875168	0.970839	-1.03004	0.106596	1.39331	1.39331	0.165248	0.756819	-1.32132	0.0232533	1.66628	1.66628	0.868023	1.0318	1.0318	0.612489	0.908324	-1.10093	0.172752	1.31409	1.31409	2.18179	1.2245	0.498875	1
cg19235026	CCDC50;CCDC50;UTS2D	0.14281	0.0769158	0.631761	-1.58288	0.278046	1.30127	1.30127	0.610995	1.12723	1.12723	0.745898	1.07887	1.07887	0.977169	0.993341	-1.0067	0.374358	0.808253	-1.23724	0.0225224	0.528383	-1.89257	0.387079	1.22996	1.22996	0.103757	0.660112	-1.5149	2.18177	1.88342	0.767339	1
cg01462545	SHISA3	0.142814	0.0582095	5.59587	5.59587	0.280635	2.46487	2.46487	0.594799	0.649301	-1.54012	0.53092	1.6663	1.6663	0.525421	0.595923	-1.67807	0.931797	0.933458	-1.07129	0.147998	0.286946	-3.48498	0.178751	0.316906	-3.15551	0.0430845	6.50352	6.50352	2.18174	22.3609	9.11035	1
cg02484633	C6orf227	0.142814	0.0801855	0.717051	-1.3946	0.233861	1.23845	1.23845	?	?	?	0.84876	0.967815	-1.03326	0.338384	1.18425	1.18425	0.711097	0.93824	-1.06583	0.0461993	1.47905	1.47905	0.118605	0.748036	-1.33683	0.574044	0.907264	-1.10222	2.20003	0.909419	0.413367	1
cg19078226	FOXO1	0.142819	0.275257	0.897412	-1.11432	0.137281	1.16489	1.16489	0.136225	0.858046	-1.16544	0.695953	0.963242	-1.03816	0.019065	0.762924	-1.31075	0.951348	1.00584	1.00584	0.330077	1.10059	1.10059	0.646986	0.956983	-1.04495	0.157191	0.865663	-1.15518	2.18171	0.31421	0.128018	1
cg20675019	SLC37A3;SLC37A3	0.142819	0.122449	0.546271	-1.83059	0.690749	1.15541	1.15541	0.960946	0.982467	-1.01785	0.4861	0.774407	-1.29131	0.967326	1.01491	1.01491	0.709877	1.14453	1.14453	0.08412	0.501405	-1.9944	0.0368752	2.40059	2.40059	0.0897356	1.9654	1.9654	2.18171	4.50889	1.83705	1
cg25407227	ZNF331;ZNF331;ZNF331	0.142821	0.975133	0.987936	-1.01221	0.0972883	2.03103	2.03103	0.0113624	3.43481	3.43481	0.995347	0.997732	-1.00227	0.44561	0.738783	-1.35358	0.374498	1.42609	1.42609	0.31402	1.49996	1.49996	0.316654	1.49644	1.49644	0.229548	0.612066	-1.63381	2.18169	5.2388	2.13445	1
cg23934072	KIF21B	0.142822	0.27638	0.709857	-1.40874	0.0942275	1.7452	1.7452	0.53706	1.20826	1.20826	0.15672	1.58167	1.58167	0.390028	0.765979	-1.30552	0.0132652	2.53179	2.53179	0.25683	1.43077	1.43077	0.518783	1.21894	1.21894	0.63758	1.15445	1.15445	2.18168	3.1655	1.28973	1
cg02199397	CLDN6	0.142823	0.629618	0.722657	-1.38378	0.625194	0.71958	-1.3897	0.984367	0.986989	-1.01318	0.35279	1.8948	1.8948	0.0104385	0.115885	-8.62922	0.548802	0.666631	-1.50008	0.0802261	0.273281	-3.65924	0.348819	1.90544	1.90544	0.192466	0.397686	-2.51455	2.18168	15.4385	6.29014	1
cg02512168	ZNF205;MGC3771;ZNF205;MGC3771	0.142823	0.193864	1.58319	1.58319	0.486177	1.26681	1.26681	0.0149321	2.7193	2.7193	0.0580576	2.04623	2.04623	0.423005	1.31458	1.31458	0.547744	0.816022	-1.22546	0.252089	0.670409	-1.49163	0.8979	0.958002	-1.04384	0.340908	1.38821	1.38821	2.18168	3.85977	1.5726	1
cg14770000	EEFSEC	0.142824	0.0715258	0.619382	-1.61451	0.939325	1.01829	1.01829	0.163471	1.42478	1.42478	0.211277	0.730887	-1.3682	0.650911	0.897239	-1.11453	0.196628	0.722547	-1.38399	0.016975	0.500071	-1.99972	0.795724	1.0637	1.0637	0.863745	1.04173	1.04173	2.18167	1.95784	0.797691	1
cg24395387	PIGG;PIGG	0.142824	0.836645	0.923745	-1.08255	0.0308995	2.64764	2.64764	0.0473562	2.39084	2.39084	0.914752	0.959696	-1.042	0.167363	0.568102	-1.76025	0.227023	0.614302	-1.62786	0.931229	1.03372	1.03372	0.553973	0.794537	-1.2586	0.371619	0.702975	-1.42253	2.18167	5.10002	2.07793	1
cg10006897	PCBP3;PCBP3	0.142825	0.606502	1.30377	1.30377	0.0175724	4.37169	4.37169	0.0513971	3.10301	3.10301	0.46154	0.682019	-1.46624	0.829742	0.895885	-1.11621	0.778626	1.15475	1.15475	0.73159	1.19219	1.19219	0.14939	0.454186	-2.20174	0.530541	0.722983	-1.38316	2.18166	9.0065	3.66958	1
cg27469283	NCOR2;NCOR2	0.142826	0.855267	1.03939	1.03939	0.413777	1.19335	1.19335	0.956325	0.98848	-1.01165	0.43548	1.18333	1.18333	0.0253669	0.569903	-1.75468	0.27384	0.785912	-1.27241	0.0578284	1.57421	1.57421	0.175992	1.3558	1.3558	0.611291	0.897236	-1.11453	2.18166	1.54658	0.630136	1
cg21210041	MYO18A;MYO18A	0.142828	0.24108	0.669788	-1.49301	0.449726	0.777592	-1.28602	0.0889365	0.54187	-1.84546	0.132621	1.69887	1.69887	0.127538	0.583828	-1.71283	0.955336	1.01846	1.01846	0.324777	1.39388	1.39388	0.159409	1.63408	1.63408	0.153354	1.64759	1.64759	2.18164	3.6854	1.50158	1
cg09667582	UBE2Q2;UBE2Q2	0.14283	0.331559	1.24838	1.24838	0.115468	1.46076	1.46076	0.66041	1.10286	1.10286	0.686052	1.09417	1.09417	0.432239	1.19422	1.19422	0.167094	1.38565	1.38565	0.0154838	0.518043	-1.93034	0.215707	1.33449	1.33449	0.788398	1.06138	1.06138	2.18163	1.69448	0.690404	1
cg06342438	DNAH17	0.14283	0.0698548	0.609457	-1.6408	0.253749	1.33796	1.33796	0.163915	0.695685	-1.43743	0.674009	0.901813	-1.10888	0.00991831	0.45125	-2.21607	0.276498	0.758435	-1.3185	0.552662	0.863525	-1.15804	0.888887	0.966429	-1.03474	0.831357	0.949239	-1.05348	2.18163	2.06175	0.840045	1
cg02007388	TSPYL1;DSE;DSE	0.14283	0.115864	0.840254	-1.19012	0.100716	1.20093	1.20093	0.275014	1.12261	1.12261	0.916326	1.01076	1.01076	0.581997	1.05825	1.05825	0.0362553	1.28141	1.28141	0.199293	0.870995	-1.14811	0.807212	0.975409	-1.02521	0.298691	0.896102	-1.11594	2.18162	0.358361	0.146012	1
cg20930201	SLC47A1	0.142836	0.940332	1.01002	1.01002	0.058349	0.752	-1.32979	0.299984	1.15386	1.15386	0.374863	1.12903	1.12903	0.234758	0.847097	-1.1805	0.966571	1.0056	1.0056	0.18484	0.829129	-1.20608	0.861911	0.97707	-1.02347	0.0303471	1.40379	1.40379	2.18158	0.613378	0.249922	1
cg06501832	ROBO3	0.142839	0.931038	1.11617	1.11617	0.0651797	13.8582	13.8582	0.914655	1.14582	1.14582	0.163161	0.151064	-6.61971	0.354491	0.298326	-3.35204	0.592809	0.50387	-1.98464	0.256267	0.222078	-4.50292	0.0307088	25.104	25.104	0.291006	4.02041	4.02041	2.18156	55.71	22.6993	1
cg20543869	C20orf107	0.142841	0.613774	0.840944	-1.18914	0.00982691	0.329263	-3.03708	0.139807	0.582281	-1.71738	0.789887	0.913104	-1.09517	0.0853424	0.523387	-1.91063	0.342056	0.716608	-1.39546	0.227734	1.53879	1.53879	0.429044	0.759721	-1.31627	0.457152	0.772789	-1.29401	2.18155	4.00331	1.63118	1
cg22794983	MCF2L;MCF2L	0.142844	0.958008	1.03313	1.03313	0.0185472	5.85641	5.85641	0.0108828	7.23725	7.23725	0.39601	1.71277	1.71277	0.975497	0.981166	-1.0192	0.519667	1.49791	1.49791	0.25333	2.09294	2.09294	0.728791	1.24047	1.24047	0.90434	0.928271	-1.07727	2.18153	13.242	5.39561	1
cg10970143	CCDC19	0.142846	0.060931	0.317273	-3.15186	0.194721	2.10755	2.10755	0.79764	0.869667	-1.14987	0.102555	0.378739	-2.64034	0.0678794	0.329075	-3.03882	0.169189	0.451104	-2.21678	0.117311	0.396702	-2.52078	0.134364	0.415871	-2.40459	0.196835	0.476348	-2.0993	2.18151	10.2058	4.15849	1
cg13266763	ZC3H12D	0.142846	0.0956239	0.197687	-5.05849	0.0981078	0.200537	-4.98662	0.531464	0.570448	-1.75301	0.323299	0.405181	-2.46803	0.0218687	0.0874946	-11.4293	0.205758	0.306646	-3.26109	0.937871	0.933294	-1.07147	0.0191556	0.0812481	-12.308	0.398137	0.464815	-2.15139	2.18151	27.095	11.0403	1
cg03181104	LPO;LPO;LPO	0.142849	0.964037	0.970229	-1.03068	0.449026	0.596229	-1.67721	0.0368939	0.196955	-5.07729	0.490634	0.625423	-1.59892	0.0423974	0.208702	-4.79152	0.0525599	0.228227	-4.3816	0.070003	0.257188	-3.88821	0.170194	0.375612	-2.66232	0.0770601	0.267731	-3.7351	2.18149	15.524	6.32556	1
cg11826961	THRA;THRA	0.14285	0.57228	1.19668	1.19668	0.705417	1.12693	1.12693	0.0302768	2.22878	2.22878	0.122006	1.69454	1.69454	0.635779	0.860605	-1.16197	0.290215	0.707941	-1.41255	0.140709	0.607374	-1.64643	0.227749	0.671394	-1.48944	0.241559	1.47068	1.47068	2.18148	3.42078	1.39387	1
cg26679158	C6orf186	0.142851	0.183443	0.641215	-1.55954	0.0379733	0.468811	-2.13306	0.317339	0.722194	-1.38467	0.863301	0.947186	-1.05576	0.700964	1.12918	1.12918	0.871042	1.05249	1.05249	0.0402372	2.10902	2.10902	0.998917	1.00043	1.00043	0.18699	1.55332	1.55332	2.18147	3.42526	1.3957	1
cg17848848	AK5;AK5	0.142854	0.396215	1.39605	1.39605	0.059786	0.442336	-2.26072	0.50145	0.769503	-1.29954	0.966698	0.984095	-1.01616	0.0408749	2.47535	2.47535	0.181396	1.72436	1.72436	0.104536	1.97661	1.97661	0.245924	1.59364	1.59364	0.857028	1.07171	1.07171	2.18145	5.09521	2.07618	1
cg00003298	LHX5	0.142856	0.0864334	0.166007	-6.02383	0.377288	0.423618	-2.36062	0.783864	0.770533	-1.2978	0.239702	0.311229	-3.21307	0.0593128	0.132862	-7.5266	0.0852345	0.164635	-6.07405	0.0323403	0.0929373	-10.7599	0.458337	2.04612	2.04612	0.087217	0.166901	-5.99158	2.18144	31.0549	12.6542	1
cg08124156	RNF220	0.142857	0.483778	1.36697	1.36697	0.382233	1.48237	1.48237	0.143496	1.99474	1.99474	0.600123	1.26157	1.26157	0.206273	1.79609	1.79609	0.140423	2.00702	2.00702	0.0130427	3.86876	3.86876	0.0350395	2.9413	2.9413	0.0794557	2.35176	2.35176	2.18143	6.6666	2.71651	1
cg17153794	MACROD1	0.142859	0.579485	0.834732	-1.19799	0.0139737	0.37543	-2.66361	0.302052	0.708182	-1.41207	0.356936	0.736554	-1.35767	0.0167071	0.389522	-2.56725	0.461837	0.785256	-1.27347	0.627089	1.17117	1.17117	0.503951	0.80343	-1.24466	0.219027	0.658903	-1.51767	2.18142	3.59839	1.46628	1
cg14215689	INPP5E;SEC16A	0.142861	0.0714334	0.414827	-2.41065	0.496649	0.739598	-1.35209	0.266116	0.60264	-1.65937	0.654206	0.821147	-1.21781	0.193338	0.547938	-1.82502	0.160598	0.519409	-1.92526	0.00566011	0.204608	-4.8874	0.404728	0.688938	-1.45151	0.973624	1.01455	1.01455	2.18141	6.59942	2.68916	1
cg05015297	CCDC88C	0.142861	0.123689	0.762603	-1.3113	0.016282	0.620318	-1.61208	0.166288	1.27114	1.27114	0.960989	0.992081	-1.00798	0.392196	1.15313	1.15313	0.529883	1.10898	1.10898	0.24872	0.822031	-1.2165	0.461924	1.12945	1.12945	0.674572	0.933662	-1.07105	2.18141	0.91276	0.371935	1
cg07649862	GALNS	0.142861	0.0595219	0.73988	-1.35157	0.0303314	1.43425	1.43425	0.553535	1.08861	1.08861	0.99288	0.998737	-1.00126	0.243205	0.841151	-1.18885	0.105617	0.778476	-1.28456	0.58279	1.08176	1.08176	0.794661	0.963727	-1.03764	0.456861	0.898225	-1.11331	2.1814	0.693249	0.282488	1
cg25999867	GLB1L3	0.142863	0.739255	1.04185	1.04185	0.479574	1.09222	1.09222	0.641055	1.05932	1.05932	0.347997	1.12591	1.12591	0.0957903	1.25173	1.25173	0.453764	1.09819	1.09819	0.0101651	0.671777	-1.48859	0.613481	0.939402	-1.06451	0.575237	1.07195	1.07195	2.18139	0.520395	0.212054	1
cg12300511	PTPRA;PTPRA	0.142864	0.582693	1.18248	1.18248	0.0402341	0.488772	-2.04594	0.818316	1.07197	1.07197	0.976698	0.991217	-1.00886	0.570739	0.841084	-1.18894	0.00827051	0.360605	-2.77311	0.397721	0.769859	-1.29894	0.769833	1.09267	1.09267	0.863846	1.05321	1.05321	2.18138	3.15193	1.28438	1
cg20080590	CCDC149;CCDC149	0.142869	0.407583	1.18499	1.18499	0.0363123	0.61407	-1.62848	0.5481	0.885348	-1.1295	0.886817	0.971868	-1.02895	0.0362989	1.62855	1.62855	0.531375	1.13546	1.13546	0.159001	0.739622	-1.35204	0.483712	1.15328	1.15328	0.485672	0.867666	-1.15252	2.18134	1.38696	0.565179	1
cg01914107	PALLD;PALLD;PALLD;PALLD	0.14287	0.391141	0.782783	-1.27749	0.883016	1.04189	1.04189	0.253358	0.71713	-1.39445	0.725313	0.906353	-1.10332	0.00688397	0.377125	-2.65164	0.587781	1.16479	1.16479	0.0628731	0.558058	-1.79193	0.703691	1.11239	1.11239	0.57521	0.854011	-1.17094	2.18134	2.6839	1.09368	1
cg08190979	LRRC27;LRRC27;LRRC27;LRRC27	0.142876	0.408397	1.08404	1.08404	0.0588571	1.22583	1.22583	0.0294227	1.27732	1.27732	0.311193	1.10516	1.10516	0.178828	1.14602	1.14602	0.139659	0.859266	-1.16378	0.819562	1.02204	1.02204	0.20769	1.13517	1.13517	0.157657	1.15509	1.15509	2.1813	0.314601	0.128202	1
cg20422819	SLC12A7	0.142877	0.439394	1.28095	1.28095	0.254035	1.45348	1.45348	0.514025	1.23094	1.23094	0.054261	1.98536	1.98536	0.217754	0.66558	-1.50245	0.464802	0.791698	-1.26311	0.0678829	1.90041	1.90041	0.0656029	1.91315	1.91315	0.127288	1.67824	1.67824	2.18129	3.40554	1.38778	1
cg23244289	THBS4	0.142877	0.176909	3.01528	3.01528	0.769422	0.7977	-1.2536	0.637388	0.69414	-1.44063	0.116961	3.70451	3.70451	0.501414	0.591748	-1.68991	0.144118	3.34205	3.34205	0.0866091	0.233297	-4.28637	?	?	?	0.0813174	4.41856	4.41856	2.19957	18.3091	8.32397	1
cg06970461	ADRA2B	0.142877	0.0475163	4.71119	4.71119	0.32379	2.00737	2.00737	0.581684	1.46299	1.46299	0.90035	1.08944	1.08944	0.503427	1.59092	1.59092	0.882178	0.903563	-1.10673	0.0166286	7.38682	7.38682	0.0389134	5.1283	5.1283	0.134979	3.00973	3.00973	2.18129	16.1528	6.58239	1
cg17170088	SHARPIN;MAF1;MAF1	0.142883	0.139511	1.68227	1.68227	0.47338	1.26939	1.26939	0.152011	1.65199	1.65199	0.403214	1.32288	1.32288	0.0140375	0.370824	-2.6967	0.978127	1.00901	1.00901	0.392272	1.33202	1.33202	0.58664	0.835618	-1.19672	0.584576	0.834774	-1.19793	2.18124	3.69648	1.50637	1
cg25020142	TBCD	0.142885	0.88959	0.95815	-1.04368	0.123798	0.598686	-1.67032	0.02225	0.430263	-2.32416	0.035694	0.47125	-2.12202	0.299112	0.718042	-1.39268	0.03336	0.465182	-2.1497	0.843607	0.941018	-1.06268	0.340211	0.738949	-1.35327	0.351138	0.744271	-1.3436	2.18123	3.27253	1.33361	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01254644	MGC15885	0.142886	0.0157491	0.146269	-6.83674	0.227578	0.439178	-2.27698	0.207958	0.422108	-2.36906	0.205454	0.419882	-2.38162	0.033753	0.199764	-5.00592	0.222297	0.434647	-2.30072	0.0840892	0.288912	-3.46126	0.904936	0.925321	-1.08071	0.137061	0.35331	-2.83037	2.18123	14.579	5.94121	1
cg00012992	PRKCH	0.142887	0.884563	0.961694	-1.03983	0.329336	1.31083	1.31083	0.0393811	0.526878	-1.89797	0.83913	1.05617	1.05617	0.724386	0.909207	-1.09986	0.839206	0.946841	-1.05614	0.0223117	2.08807	2.08807	0.4893	1.20785	1.20785	0.164571	1.48985	1.48985	2.18121	2.49717	1.01765	1
cg18831671	FANCI;POLG;POLG;FANCI	0.142894	0.795726	1.21857	1.21857	0.289584	0.432769	-2.3107	0.122583	0.279481	-3.57807	0.247073	0.397651	-2.51477	0.517921	0.606864	-1.64782	0.0300839	0.143165	-6.98494	0.0167855	0.108207	-9.24156	0.737685	0.774052	-1.2919	0.0860462	0.235673	-4.24317	2.18116	20.0553	8.17314	1
cg25710753	DNAJB2;DNAJB2	0.142895	0.0880868	2.21585	2.21585	0.452411	1.3821	1.3821	0.706824	0.852376	-1.17319	0.0510147	2.55881	2.55881	0.377573	1.46628	1.46628	0.167332	1.86306	1.86306	0.147843	1.92772	1.92772	0.0941138	2.17723	2.17723	0.0184797	3.34642	3.34642	2.18116	6.17301	2.51569	1
cg16348358	LCK	0.142895	0.133195	0.415883	-2.40452	0.767431	0.851616	-1.17424	0.0530263	0.303997	-3.2895	0.195284	0.476222	-2.09986	0.0376954	0.271028	-3.68966	0.237441	0.511553	-1.95483	0.0399261	0.276325	-3.61893	0.0636135	0.323206	-3.094	0.123479	0.405095	-2.46856	2.18116	10.1328	4.12944	1
cg16390958	FAM118A	0.142897	0.598562	0.941457	-1.06218	0.327832	0.891641	-1.12153	0.731548	0.96165	-1.03988	0.419723	0.910633	-1.09814	0.29068	1.1326	1.1326	0.045429	1.29765	1.29765	0.0752494	1.25222	1.25222	0.0812287	1.24544	1.24544	0.142537	1.19601	1.19601	2.18114	0.445419	0.181523	1
cg10230711	PCCA;PCCA	0.142898	0.218514	1.74129	1.74129	0.840013	0.917025	-1.09048	0.0333359	2.90308	2.90308	0.469733	0.729666	-1.37049	0.517537	1.32467	1.32467	0.799254	0.896546	-1.11539	0.156219	0.522039	-1.91557	0.260968	0.605078	-1.65268	0.069999	0.419727	-2.3825	2.18114	6.34371	2.58528	1
cg02809263	LRRC40;SFRS11	0.142898	0.350418	1.17584	1.17584	0.962932	1.00786	1.00786	0.584505	1.09753	1.09753	0.122743	1.32556	1.32556	0.0285544	1.54562	1.54562	0.0774487	1.39207	1.39207	0.122891	1.32539	1.32539	0.62111	1.0876	1.0876	0.0188567	1.61511	1.61511	2.18113	0.981166	0.39986	1
cg24325996	CRABP1	0.142901	0.526242	1.75061	1.75061	0.0610612	6.30084	6.30084	0.161424	3.68407	3.68407	0.293844	2.58431	2.58431	0.455294	1.94082	1.94082	0.25994	2.78622	2.78622	0.0180535	12.2376	12.2376	0.030777	9.13471	9.13471	0.0947313	4.9598	4.9598	2.18112	26.2659	10.7044	1
cg16575025	C1orf183;C1orf183	0.142903	0.0858863	0.48592	-2.05795	0.839284	1.08027	1.08027	0.22107	0.61316	-1.6309	0.867314	1.06565	1.06565	0.120612	1.89671	1.89671	0.104631	0.509438	-1.96295	0.0320035	0.384682	-2.59955	0.785894	0.901645	-1.10908	0.230065	0.61952	-1.61415	2.1811	4.99445	2.03544	1
ch.3.2399726R	PDIA5;PDIA5	0.142906	0.0930802	0.219136	-4.56338	0.00956433	0.0674643	-14.8227	0.0411981	0.144381	-6.92611	0.115537	0.24518	-4.07864	0.323511	0.432637	-2.31141	0.221861	0.348198	-2.87193	0.359827	0.461361	-2.1675	0.534139	0.596093	-1.67759	0.5354	0.597068	-1.67485	2.18108	23.3221	9.50478	1
cg10946333	MED12L;P2RY14;P2RY14	0.142911	0.726339	1.13749	1.13749	0.0600421	2.17656	2.17656	0.0121173	3.14742	3.14742	0.136944	1.79924	1.79924	0.541085	0.797053	-1.25462	0.496788	1.28782	1.28782	0.961984	0.982677	-1.01763	0.767661	1.11474	1.11474	0.325867	0.689416	-1.4505	2.18105	4.64302	1.89227	1
cg03341064	KCND1	0.142911	0.112811	0.655126	-1.52642	0.0893719	0.631942	-1.58242	0.905892	0.971437	-1.0294	0.0435936	1.76565	1.76565	0.0585354	0.592343	-1.68821	0.934983	0.980207	-1.02019	0.396683	0.808427	-1.23697	0.672292	0.900997	-1.10988	0.289511	0.763848	-1.30916	2.18104	2.07393	0.845235	1
cg19449067	ESR1	0.142911	0.343486	0.550809	-1.81551	0.99039	1.00739	1.00739	0.823042	1.14669	1.14669	0.399864	0.590575	-1.69326	0.00303273	0.0835342	-11.9711	0.862038	0.899158	-1.11215	0.766468	0.833591	-1.19963	0.816417	0.867523	-1.15271	0.271188	0.496563	-2.01384	2.18104	12.9002	5.25752	1
cg00701571	PKD1L2	0.142915	0.635798	1.21616	1.21616	0.0153221	0.294919	-3.39077	0.330443	0.662352	-1.50977	0.359511	1.47177	1.47177	0.726392	0.865788	-1.15502	0.936639	1.03315	1.03315	0.0505698	2.4942	2.4942	0.730101	0.867565	-1.15265	0.462817	0.735959	-1.35877	2.18101	5.81263	2.36898	1
cg14182563	MAPK8IP2	0.142919	0.0532309	0.66232	-1.50984	0.698321	1.0758	1.0758	0.695997	0.928982	-1.07645	0.0281426	0.614837	-1.62645	0.917695	1.01958	1.01958	0.901443	0.977026	-1.02351	0.102193	0.714943	-1.39871	0.528606	1.12723	1.12723	0.162562	1.32272	1.32272	2.18099	1.21568	0.495465	1
cg17102269	CSMD1	0.14292	0.173854	0.64034	-1.56167	0.565461	1.19603	1.19603	0.281632	0.708404	-1.41162	0.354757	0.745791	-1.34086	0.0263696	0.444257	-2.25095	0.726872	1.11409	1.11409	0.770941	0.913982	-1.09411	0.0705691	1.86378	1.86378	0.169353	0.636947	-1.56999	2.18098	3.27881	1.33632	1
cg25733797	SERGEF	0.14292	0.0834499	0.547722	-1.82574	0.987628	0.99514	-1.00488	0.606477	1.17733	1.17733	0.668378	0.873373	-1.14499	0.0277181	0.441506	-2.26498	0.331096	0.729743	-1.37034	0.0625873	0.51769	-1.93166	0.0375165	0.468477	-2.13457	0.267287	0.695525	-1.43776	2.18098	3.40955	1.38961	1
cg19583655	PCYT2	0.142921	0.576346	1.16047	1.16047	0.308297	1.32051	1.32051	0.0980112	1.6137	1.6137	0.0244535	2.02745	2.02745	0.309311	0.757755	-1.31969	0.872344	0.95849	-1.04331	0.148745	0.664772	-1.50427	0.72151	1.09896	1.09896	0.134804	1.52968	1.52968	2.18097	2.40103	0.978576	1
cg09364501	IFT140	0.142926	0.950044	0.985357	-1.01486	0.107982	0.66172	-1.51121	0.594071	0.881042	-1.13502	0.0546516	0.598564	-1.67067	0.661832	1.10918	1.10918	0.0486141	1.6995	1.6995	0.882657	1.03539	1.03539	0.114396	1.49824	1.49824	0.620332	0.889076	-1.12476	2.18094	1.91472	0.780385	1
cg16352276	RRAS2;RRAS2	0.142926	?	?	?	0.702631	1.11446	1.11446	0.0253943	2.16197	2.16197	0.322207	1.33661	1.33661	?	?	?	0.158994	0.650921	-1.53628	0.0941547	1.69429	1.69429	0.653341	0.880068	-1.13628	0.665749	1.13067	1.13067	2.3344	2.24351	0.961066	1
cg18427696	DLGAP2	0.142926	0.526368	0.82146	-1.21734	0.57481	0.840598	-1.18963	0.442532	1.27109	1.27109	0.618876	0.857587	-1.16606	0.1624	0.63322	-1.57923	0.787633	0.920609	-1.08624	0.234552	0.682679	-1.46482	0.00975103	0.367375	-2.72202	0.0413454	0.486321	-2.05626	2.18093	3.24185	1.32129	1
cg06371489	KLHL25	0.142926	0.600015	0.745349	-1.34165	0.0067726	0.142353	-7.02481	0.206287	0.476887	-2.09693	0.280813	1.86389	1.86389	0.262967	0.522961	-1.91219	0.85643	1.10583	1.10583	0.210847	0.4808	-2.07987	0.279132	0.535252	-1.86828	0.795911	0.865913	-1.15485	2.18093	10.6571	4.34354	1
cg14818176	HN1;HN1;HN1	0.142932	0.0850427	0.186195	-5.3707	0.819137	1.22407	1.22407	0.890403	0.885409	-1.12942	0.885913	0.88097	-1.13511	0.136359	0.242517	-4.12342	0.343798	0.422796	-2.36521	0.009704	0.0556767	-17.9608	0.0618508	0.156241	-6.40038	0.534629	0.573996	-1.74217	2.18089	26.9157	10.9703	1
cg01196158	FNBP1L;FNBP1L;FNBP1L	0.142938	0.0958192	0.170239	-5.8741	0.483641	1.99175	1.99175	0.653881	1.54781	1.54781	0.240798	0.304649	-3.28246	0.153057	0.227405	-4.39744	0.615067	0.612166	-1.63354	0.0104065	0.0440414	-22.7059	0.507221	0.521403	-1.9179	0.142341	0.217286	-4.60223	2.18085	32.3582	13.1888	1
cg07154537	UFSP2;UFSP2	0.142938	0.0301853	0.549513	-1.81979	0.0600406	0.607566	-1.64591	0.457472	0.837167	-1.1945	0.685786	1.10025	1.10025	0.705731	1.09319	1.09319	0.765944	1.07264	1.07264	0.58605	0.878831	-1.13787	0.227812	1.3463	1.3463	0.0585539	0.605346	-1.65195	2.18085	1.90569	0.776735	1
cg13117272	SLC25A10	0.142939	0.153227	0.634666	-1.57563	0.717197	0.897508	-1.1142	0.125951	0.611265	-1.63595	0.798621	0.926815	-1.07896	0.0102549	0.382165	-2.61667	0.0709495	0.548953	-1.82165	0.278544	0.715378	-1.39786	0.579563	1.181	1.181	0.796194	1.07998	1.07998	2.18085	3.05235	1.2441	1
cg10568931	UHRF1BP1L;UHRF1BP1L;UHRF1BP1L;UHRF1BP1L	0.142939	0.102021	1.48168	1.48168	0.379905	0.820468	-1.21882	0.714938	0.922578	-1.08392	0.111038	0.682908	-1.46433	0.0188249	0.535178	-1.86854	0.743029	1.07495	1.07495	0.560835	0.878802	-1.13791	0.562429	0.879275	-1.1373	0.112809	0.684417	-1.4611	2.18084	1.66696	0.679437	1
cg08044789	RAB15	0.142941	0.0538825	0.598301	-1.6714	0.143132	1.44674	1.44674	0.574398	1.14245	1.14245	0.179212	0.715435	-1.39775	0.0399018	0.572671	-1.7462	0.456095	0.836819	-1.195	0.175242	0.712958	-1.40261	0.774373	1.06978	1.06978	0.2896	0.772614	-1.29431	2.18083	1.90251	0.775448	1
cg08230658	ZNF319;ZNF319	0.142944	0.0935265	0.420523	-2.37799	0.828986	1.10693	1.10693	0.60614	1.27667	1.27667	0.156794	0.491035	-2.03652	0.0526482	0.35536	-2.81405	0.521656	0.737102	-1.35667	0.020503	0.26953	-3.71016	0.149596	0.48404	-2.06594	0.162517	0.496459	-2.01426	2.18081	7.61798	3.10506	1
cg00050618	IL21R;IL21R	0.142944	0.985092	1.00461	1.00461	0.0531181	0.582174	-1.7177	0.136845	1.48367	1.48367	0.75069	1.08164	1.08164	0.0324427	0.539868	-1.8523	0.905432	0.971166	-1.02969	0.138016	1.48167	1.48167	0.497688	0.844097	-1.1847	0.990621	1.0029	1.0029	2.18081	2.09327	0.853208	1
cg24403487	AZI1;AZI1	0.142948	0.999807	1.00015	1.00015	0.163864	2.52528	2.52528	0.235919	2.16943	2.16943	0.532019	0.673887	-1.48393	0.0155389	0.157168	-6.36261	0.108342	0.335468	-2.98091	0.2545	0.476214	-2.0999	0.626233	0.736353	-1.35804	0.835534	0.878424	-1.1384	2.18078	13.4285	5.47347	1
cg02131465	RD3;RD3	0.14295	0.0709286	0.232436	-4.30226	0.014393	0.11286	-8.86056	0.118352	0.293411	-3.40819	0.528678	0.630271	-1.58662	0.0559159	0.208848	-4.78817	0.264023	0.430858	-2.32095	0.137263	0.314262	-3.18206	0.101914	0.273959	-3.65018	0.455436	0.57708	-1.73286	2.18077	18.0636	7.36281	1
cg15755230	NEDD9;NEDD9	0.14295	0.0822145	0.595327	-1.67975	0.222433	0.70795	-1.41253	0.400983	0.79329	-1.26057	0.812582	1.06607	1.06607	0.014942	0.44658	-2.23924	0.519774	1.19216	1.19216	0.270886	1.36176	1.36176	0.385995	0.787108	-1.27047	0.190619	0.688447	-1.45254	2.18076	2.50608	1.02149	1
cg02171500	CHKA;CHKA	0.142951	0.77872	0.982218	-1.0181	0.0260037	0.845114	-1.18327	0.817846	0.985414	-1.0148	0.664683	0.972606	-1.02817	0.0413585	0.86083	-1.16167	0.437036	1.05179	1.05179	0.216717	0.920547	-1.08631	0.275787	0.930338	-1.07488	0.0395579	0.859315	-1.16372	2.18076	0.140106	0.0571079	1
cg13883202	PTPN23	0.142952	0.536963	0.913248	-1.09499	0.290492	1.17261	1.17261	0.430308	1.12395	1.12395	0.819459	0.96736	-1.03374	0.750793	1.04734	1.04734	0.533581	0.912541	-1.09584	0.468789	0.898535	-1.11292	0.979589	0.996293	-1.00372	0.00478308	1.72218	1.72218	2.18075	0.727703	0.296617	1
cg18250838	CRABP1	0.142957	0.564338	1.56965	1.56965	0.0342916	6.75717	6.75717	0.144481	3.36287	3.36287	0.182184	2.9907	2.9907	0.323687	2.20039	2.20039	0.323409	2.20145	2.20145	0.114647	3.77157	3.77157	0.0181697	9.19881	9.19881	0.0571433	5.28624	5.28624	2.18071	20.6748	8.42734	1
cg09642951	EPHA1;EPHA1	0.14296	0.486476	2.18442	2.18442	0.075228	8.92571	8.92571	0.0214381	21.1938	21.1938	0.0397655	13.8312	13.8312	0.808827	1.30714	1.30714	0.563412	1.90689	1.90689	0.229156	4.03272	4.03272	0.0402353	13.72	13.72	0.279344	3.46527	3.46527	2.18069	42.1712	17.1897	1
cg13344740	DLX5;DLX5	0.14296	0.852672	0.971732	-1.02909	0.382981	1.14797	1.14797	0.152629	1.26655	1.26655	0.704192	1.0606	1.0606	0.912958	0.983276	-1.01701	0.303501	0.848414	-1.17867	0.195719	0.80973	-1.23498	0.0170513	1.56615	1.56615	0.110306	1.30791	1.30791	2.18069	0.821696	0.334938	1
cg23205629	RNF122	0.142963	0.13565	0.33905	-2.94941	0.654414	1.35396	1.35396	0.663177	1.34277	1.34277	0.105924	3.27958	3.27958	0.230837	0.4294	-2.32883	0.532973	0.653961	-1.52914	0.297761	0.483859	-2.06672	0.0249416	6.01715	6.01715	0.572053	1.46816	1.46816	2.18067	15.6222	6.36795	1
cg12487147	HSD17B8;HSD17B8	0.142964	0.364361	0.549724	-1.8191	0.0749654	3.57151	3.57151	0.165067	2.58723	2.58723	0.650112	1.34062	1.34062	0.53057	1.50351	1.50351	0.0387843	4.64593	4.64593	0.106025	0.321997	-3.10562	0.40305	0.577355	-1.73204	0.912668	0.931999	-1.07296	2.18066	14.231	5.80089	1
cg05734220	CDC42BPB	0.142969	0.624437	1.06194	1.06194	0.016472	1.42893	1.42893	0.0203257	1.40591	1.40591	0.98483	1.00232	1.00232	0.844092	1.02427	1.02427	0.429056	1.10332	1.10332	0.50539	0.920984	-1.0858	0.6439	0.944882	-1.05833	0.592166	0.936259	-1.06808	2.18063	0.512335	0.208843	1
cg12743031	PTK2B;PTK2B;PTK2B;PTK2B	0.142971	0.136914	0.350258	-2.85504	0.0139242	7.30903	7.30903	0.368273	1.83142	1.83142	0.644762	0.737875	-1.35524	0.231999	0.440097	-2.27223	0.841885	1.13971	1.13971	0.546893	0.670876	-1.49059	0.852272	1.12982	1.12982	?	?	?	2.19887	13.2713	6.03551	1
cg26214765	BRP44L	0.142973	0.27545	0.846685	-1.18108	0.0250844	0.67646	-1.47828	0.0992714	0.767165	-1.3035	0.868548	0.975996	-1.02459	0.893013	0.980455	-1.01993	0.499802	0.904406	-1.1057	0.0563913	1.37286	1.37286	0.240754	0.835146	-1.1974	0.965907	1.00629	1.00629	2.1806	0.743092	0.30291	1
cg03008692	PTPRN2;PTPRN2;PTPRN2	0.142975	0.2683	0.80801	-1.23761	0.856907	1.03393	1.03393	0.956003	0.989851	-1.01025	0.0342432	1.5789	1.5789	0.481059	1.14159	1.14159	0.101103	1.39368	1.39368	0.0278052	1.6173	1.6173	0.476974	1.14304	1.14304	0.48567	0.877232	-1.13995	2.18059	1.18055	0.481235	1
cg17201438	UBE2O	0.142976	0.299691	0.64221	-1.55712	0.12838	1.96833	1.96833	0.577676	1.2608	1.2608	0.745729	1.14346	1.14346	0.099495	0.475245	-2.10418	0.207331	0.578182	-1.72956	0.129226	0.508926	-1.96492	0.0691463	2.31141	2.31141	0.408286	0.705754	-1.41692	2.18058	5.86287	2.38994	1
cg12275981	TLR5	0.142977	0.242542	0.648931	-1.541	0.567175	0.815055	-1.22691	0.796152	0.912533	-1.09585	0.100229	0.529016	-1.8903	0.0400759	0.432219	-2.31364	0.452093	0.762726	-1.31109	0.0140184	0.342129	-2.92287	0.0588147	0.470206	-2.12673	0.787852	0.909041	-1.10006	2.18057	4.31723	1.75988	1
cg13319417	C6orf222	0.142982	0.107703	0.650971	-1.53617	0.586808	0.874418	-1.14362	0.65557	0.896024	-1.11604	0.0890409	1.58191	1.58191	0.670773	0.900713	-1.11023	0.846364	1.04858	1.04858	0.0692796	1.64379	1.64379	0.0691518	0.608179	-1.64425	0.275734	0.757838	-1.31954	2.18053	2.06536	0.84194	1
cg07680533	SELENBP1	0.142982	0.535858	0.796562	-1.25539	0.0139045	0.332046	-3.01163	0.133282	0.555679	-1.7996	0.404249	1.36292	1.36292	0.19696	0.609636	-1.64032	0.827323	0.923802	-1.08248	0.580432	1.22453	1.22453	0.184521	1.66635	1.66635	0.69543	1.15343	1.15343	2.18053	4.54564	1.85302	1
cg27649253	PTPRS;PTPRS;PTPRS;PTPRS	0.142983	0.569409	0.887439	-1.12684	0.13239	0.713736	-1.40108	0.2231	0.766541	-1.30456	0.739894	0.933145	-1.07164	0.892127	0.972214	-1.02858	0.0210577	1.77941	1.77941	0.181002	1.34307	1.34307	0.228135	0.768962	-1.30045	0.402176	0.836889	-1.1949	2.18053	1.48955	0.607213	1
cg27591053	GNB2L1;SNORD95	0.142986	0.194232	0.687782	-1.45395	0.155531	1.5131	1.5131	0.131901	1.55766	1.55766	0.945652	0.981593	-1.01875	0.726166	0.908623	-1.10057	0.60093	0.866036	-1.15469	0.363113	0.77513	-1.29011	0.0484736	0.540989	-1.84847	0.0598627	0.560664	-1.7836	2.18051	2.56486	1.04557	1
cg12019801	ZNF516	0.142986	0.706954	0.901492	-1.10927	0.407839	1.26172	1.26172	0.400763	1.26638	1.26638	0.384363	0.782777	-1.2775	0.0224048	0.471803	-2.11953	0.91713	1.02899	1.02899	0.305462	1.33826	1.33826	0.563052	0.851678	-1.17415	0.0329651	0.504183	-1.98341	2.1805	2.60378	1.06144	1
cg18007524	MRPL33;MRPL33	0.142987	0.230345	0.790542	-1.26496	0.780805	0.949232	-1.05348	0.656886	1.08709	1.08709	0.126311	0.734241	-1.36195	0.829798	0.960591	-1.04103	0.0371311	0.636369	-1.57142	0.0973771	1.40461	1.40461	0.358348	1.19293	1.19293	0.185309	1.29999	1.29999	2.1805	1.20471	0.491104	1
cg09481121	CMYA5	0.142987	0.0362918	9.88322	9.88322	0.0949038	5.62524	5.62524	0.902372	1.12243	1.12243	0.259404	3.02614	3.02614	0.204212	3.52894	3.52894	0.896642	0.88487	-1.13011	0.128272	4.69883	4.69883	0.944448	1.06778	1.06778	0.0162454	15.8989	15.8989	2.1805	30.5877	12.4692	1
cg01596834	ECE2;ECE2;ECE2;ECE2	0.142988	0.0493957	1.90387	1.90387	0.109743	0.606172	-1.6497	0.0332341	2.04339	2.04339	0.736635	1.10176	1.10176	0.947251	1.01918	1.01918	0.824294	0.93815	-1.06593	0.657901	0.879895	-1.1365	0.305819	0.737546	-1.35585	0.278458	1.38204	1.38204	2.18049	2.84682	1.16052	1
cg10500218	IER5	0.142991	0.181521	0.698094	-1.43247	0.545323	1.16777	1.16777	0.421338	1.2314	1.2314	0.0968197	0.630104	-1.58704	0.031479	0.527684	-1.89507	0.192338	0.704923	-1.4186	0.585261	1.14986	1.14986	0.0922698	0.625285	-1.59927	0.512492	1.18332	1.18332	2.18047	2.2174	0.903943	1
cg21156276	SLC1A1	0.142991	0.0479226	0.347173	-2.88041	0.150161	0.485958	-2.05779	0.129644	0.46489	-2.15105	0.549595	1.32742	1.32742	0.916765	1.05012	1.05012	0.0918882	0.419749	-2.38238	0.0261373	0.29096	-3.4369	0.14235	0.47816	-2.09135	0.598778	0.780058	-1.28196	2.18047	7.55791	3.08105	1
cg04800749	CRELD2;CRELD2	0.142991	0.0737912	0.409329	-2.44302	0.0971521	0.442212	-2.26136	0.0269416	0.309044	-3.23578	0.217377	0.558972	-1.789	0.0421109	0.350101	-2.85631	0.39915	0.67918	-1.47236	0.0520544	0.371378	-2.69268	0.586677	0.781896	-1.27894	0.176731	0.525394	-1.90333	2.18047	6.93706	2.82796	1
cg05261596	MYRIP	0.142992	0.274333	1.33478	1.33478	0.0539837	1.74255	1.74255	0.015992	2.11439	2.11439	0.107468	1.56207	1.56207	0.891967	1.0351	1.0351	0.684962	0.90163	-1.1091	0.910708	0.971921	-1.02889	0.650936	0.890797	-1.12259	0.132063	1.51083	1.51083	2.18047	2.22583	0.907381	1
cg01950810	BAT2	0.142992	0.679076	0.861239	-1.16112	0.193737	0.610332	-1.63845	0.440929	0.754139	-1.32601	0.746248	0.889956	-1.12365	0.0307069	0.401959	-2.48781	0.0893528	0.510376	-1.95934	0.0715628	0.485547	-2.05953	0.135977	1.7805	1.7805	0.206655	0.619874	-1.61323	2.18046	4.4524	1.81507	1
cg00490097	HCCA2;KRTAP5-6	0.142995	0.0526879	0.404821	-2.47023	0.19914	0.572903	-1.74549	0.165757	0.545048	-1.8347	0.0876823	0.461186	-2.16832	0.0604768	0.419312	-2.38486	0.183824	0.560511	-1.78409	0.123614	0.50422	-1.98326	0.0264294	0.339377	-2.94657	0.104256	0.482302	-2.07339	2.18044	5.82132	2.37315	1
cg15986634	FOSL1	0.142998	0.927563	0.979281	-1.02116	0.0813229	1.56035	1.56035	0.0133912	0.493978	-2.02438	0.792547	1.06257	1.06257	0.284118	0.773978	-1.29203	?	?	?	0.614508	0.889645	-1.12404	0.66122	1.10687	1.10687	0.507341	0.85652	-1.16751	2.19868	1.64105	0.746381	1
cg04233521	WASF2	0.142999	0.368805	1.53202	1.53202	0.997615	1.00138	1.00138	0.248604	0.572715	-1.74607	0.724481	1.17769	1.17769	0.331516	1.58887	1.58887	0.927554	1.04292	1.04292	0.00765402	4.87592	4.87592	0.0760053	2.49059	2.49059	0.847378	1.09313	1.09313	2.18041	7.37561	3.00681	1
cg14435720	EGFL7;EGFL7;MIR126	0.142999	0.749068	0.830403	-1.20423	0.0583721	3.45085	3.45085	0.105836	2.78142	2.78142	0.803689	0.865689	-1.15515	0.0793603	0.323748	-3.08882	0.618699	1.33717	1.33717	0.152057	2.43161	2.43161	0.506505	1.47743	1.47743	0.160101	0.419322	-2.3848	2.18041	11.5805	4.72101	1
cg10564013	ATG4B;ATG4B	0.143001	0.539922	1.25274	1.25274	0.143743	0.565297	-1.76898	0.391021	0.726774	-1.37594	0.223063	1.59185	1.59185	0.0831143	0.498235	-2.00708	0.95304	1.02162	1.02162	0.266685	1.5223	1.5223	0.803095	1.09496	1.09496	0.0260253	0.38318	-2.60974	2.1804	4.55338	1.85629	1
cg17327331	MPP5	0.143004	0.0832387	0.374829	-2.66788	0.00509266	0.150409	-6.64855	0.23885	0.531932	-1.87994	0.836148	1.11179	1.11179	0.48685	0.696622	-1.4355	0.3705	0.624644	-1.60091	0.78478	0.86929	-1.15036	0.773025	0.862447	-1.15949	0.719431	1.20272	1.20272	2.18037	9.04218	3.68629	1
cg14470803	DBC1	0.143006	0.358703	0.762968	-1.31067	0.608005	1.15986	1.15986	0.988044	1.0043	1.0043	0.0325151	0.488035	-2.04903	0.0932913	0.589083	-1.69755	0.729134	1.10478	1.10478	0.207332	0.683068	-1.46398	0.0243412	0.463351	-2.15819	0.174988	0.661328	-1.51211	2.18036	2.83749	1.15679	1
cg09455322	TMEM8A;LOC100134368	0.143007	0.778266	0.908659	-1.10052	0.846695	1.06788	1.06788	0.0451762	2.18094	2.18094	0.936817	1.02727	1.02727	0.907543	0.961345	-1.04021	0.636895	1.17508	1.17508	0.0316804	0.425431	-2.35056	0.275174	0.680304	-1.46993	0.0791611	0.516154	-1.9374	2.18036	3.97575	1.62084	1
cg09797463	LIPA;LIPA	0.143009	0.0576375	4.10617	4.10617	0.252909	2.19395	2.19395	0.649523	1.35123	1.35123	0.110911	3.13538	3.13538	0.0651871	3.90449	3.90449	0.0519938	4.2828	4.2828	0.534212	1.51316	1.51316	0.02349	5.93243	5.93243	0.141893	2.82653	2.82653	2.18034	14.9491	6.09451	1
cg18695500	RARS2;ORC3L;ORC3L	0.14301	0.935732	1.01211	1.01211	0.433589	1.12665	1.12665	0.266428	1.18864	1.18864	0.114895	0.774254	-1.29157	0.69414	1.06076	1.06076	0.777687	0.958637	-1.04315	0.0268854	0.676243	-1.47876	0.0805276	1.33547	1.33547	0.376073	1.14519	1.14519	2.18033	0.769099	0.31355	1
cg11836444	KLHL2;KLHL2;KLHL2	0.14301	0.333645	0.666616	-1.50012	0.645393	0.828252	-1.20736	0.0795627	0.453226	-2.2064	0.465514	1.35262	1.35262	0.182865	0.562806	-1.77681	0.585442	1.25106	1.25106	0.236147	0.603598	-1.65673	0.0269109	2.90313	2.90313	0.50682	1.31507	1.31507	2.18033	5.71104	2.32831	1
cg13001142	STXBP5;STXBP5	0.143012	0.0269713	0.0841435	-11.8845	0.935672	1.07927	1.07927	0.47444	1.98855	1.98855	0.345525	0.399288	-2.50446	0.249324	0.320523	-3.1199	0.212755	0.289352	-3.456	0.0150399	0.0593609	-16.8461	0.82314	0.809333	-1.23559	0.282468	0.34805	-2.87315	2.18032	30.8367	12.5718	1
cg20684718	MCM10;MCM10	0.143014	0.526138	0.789699	-1.26631	0.430892	1.34381	1.34381	0.043681	0.426398	-2.34523	0.369922	1.40278	1.40278	0.0691356	0.47355	-2.11171	0.305792	0.677221	-1.47662	0.227337	0.627603	-1.59336	0.119523	1.86064	1.86064	0.628977	1.19597	1.19597	2.1803	4.66546	1.90206	1
cg04689082	FAM43A	0.143015	0.0426278	0.274197	-3.64702	0.212637	0.520379	-1.92168	0.115507	2.4204	2.4204	?	?	?	?	?	?	0.809498	1.12024	1.12024	?	?	?	0.815133	0.895748	-1.11639	0.213612	0.521268	-1.9184	3.15315	6.38033	1.34898	1
cg09502502	PSRC1;PSRC1;PSRC1;PSRC1	0.143016	0.824365	1.17466	1.17466	0.089893	3.87244	3.87244	0.472067	0.588752	-1.69851	0.103006	3.63918	3.63918	0.0751444	0.23808	-4.20026	0.678694	1.35214	1.35214	0.780289	0.81667	-1.22449	0.036641	5.80403	5.80403	0.622349	1.43266	1.43266	2.18029	18.1116	7.38398	1
cg01859717	ATF6B;ATF6B	0.143018	0.0919558	0.67153	-1.48914	0.435342	1.18629	1.18629	0.274511	1.2764	1.2764	0.0537298	0.624909	-1.60023	0.12559	0.700615	-1.42732	0.517274	1.15133	1.15133	0.136206	1.41146	1.41146	0.637781	1.10715	1.10715	0.437004	0.843504	-1.18553	2.18028	1.59087	0.648591	1
cg08524474	ARHGAP22	0.143019	0.686122	1.05403	1.05403	0.49442	0.914054	-1.09403	0.365923	0.886647	-1.12784	0.274434	1.15868	1.15868	0.596708	1.07161	1.07161	0.0247901	1.41352	1.41352	0.0512137	0.750104	-1.33315	0.311014	1.1454	1.1454	0.388212	1.12135	1.12135	2.18027	0.579211	0.236143	1
cg01218206	SIK3	0.143021	0.443668	0.58131	-1.72025	0.434258	1.74054	1.74054	0.407391	0.555065	-1.80159	0.355768	1.93442	1.93442	0.473547	0.602704	-1.65919	0.478035	1.65043	1.65043	0.118505	3.24512	3.24512	0.0107963	9.24699	9.24699	0.205916	2.52645	2.52645	2.18026	16.6602	6.79236	1
cg12503735	SEMA5A	0.143021	0.124031	1.5995	1.5995	0.00873521	2.56532	2.56532	0.475193	1.22724	1.22724	0.301035	0.739205	-1.35281	0.713659	1.10952	1.10952	0.431831	1.25386	1.25386	0.13106	1.58366	1.58366	0.751214	1.09384	1.09384	0.571328	0.85102	-1.17506	2.18026	2.74584	1.11948	1
cg11841246	GNB5;GNB5	0.143025	0.459139	0.774919	-1.29046	0.085552	0.525746	-1.90206	0.0124347	0.349112	-2.86441	0.154733	0.597348	-1.67407	0.0611327	0.48974	-2.0419	0.630657	0.848836	-1.17808	0.711978	0.882096	-1.13366	0.248824	0.665114	-1.5035	0.0644576	0.495229	-2.01927	2.18022	3.9519	1.61121	1
cg03458162	FTSJD2	0.143028	0.443983	0.721048	-1.38687	0.75953	1.13731	1.13731	0.202987	1.75627	1.75627	0.804611	0.90134	-1.10946	0.00915232	0.249776	-4.00358	0.782384	1.12304	1.12304	0.102226	0.472611	-2.1159	0.522441	1.31214	1.31214	0.897035	1.05576	1.05576	2.1802	6.06409	2.47239	1
cg09936663	KBTBD11	0.14303	0.244847	1.33728	1.33728	0.515027	1.17084	1.17084	0.632971	0.891417	-1.12181	0.754543	1.07781	1.07781	0.268347	1.31711	1.31711	0.0620416	1.65193	1.65193	0.00805781	2.24986	2.24986	0.732645	0.921345	-1.08537	0.680041	0.905676	-1.10415	2.18019	1.97083	0.803529	1
cg24519146	COL11A2;COL11A2;COL11A2;COL11A2	0.143034	0.932405	1.05138	1.05138	0.0222757	5.04317	5.04317	0.687242	0.787372	-1.27005	0.0871539	3.05158	3.05158	0.889626	1.08547	1.08547	0.478055	1.53117	1.53117	0.331344	1.80759	1.80759	0.431319	0.622258	-1.60705	0.0789347	0.315909	-3.16547	2.18016	12.0463	4.91147	1
cg15383141	MRPL19	0.143034	0.663245	1.32759	1.32759	0.0626705	0.258	-3.87597	0.200038	2.40016	2.40016	0.263829	2.12406	2.12406	0.556436	1.46922	1.46922	0.586572	1.42638	1.42638	0.0419229	0.219518	-4.55543	0.732114	1.24887	1.24887	0.128491	0.345543	-2.894	2.18016	14.4435	5.88888	1
cg04070771	GTF3A	0.143034	0.828595	0.954411	-1.04777	0.735043	0.929507	-1.07584	?	?	?	0.0710093	1.54351	1.54351	0.678011	1.09401	1.09401	0.628647	1.11058	1.11058	0.0146113	0.523548	-1.91004	0.748965	1.07154	1.07154	0.307898	1.255	1.255	2.19841	1.43336	0.651999	1
cg20806085	POLR3D	0.143034	0.0601956	0.343956	-2.90735	0.411802	0.655406	-1.52577	0.80971	0.885629	-1.12914	0.0487869	0.322079	-3.10483	0.0184501	0.237138	-4.21696	0.252347	0.547719	-1.82575	0.0534664	0.331434	-3.01719	0.243881	0.541259	-1.84754	0.249118	0.545268	-1.83396	2.18016	8.75233	3.56848	1
cg13819687	UNC13B	0.143036	0.670052	0.922362	-1.08417	0.345274	0.832525	-1.20116	0.127515	0.732912	-1.36442	0.351755	0.834685	-1.19806	0.824939	0.959087	-1.04266	0.92501	1.01791	1.01791	0.0422451	1.55454	1.55454	0.0595767	0.669702	-1.4932	0.0836489	0.696967	-1.43479	2.18014	1.22768	0.500552	1
cg24519780	PKP4;PKP4	0.143037	0.621375	0.789841	-1.26608	0.0971033	2.36998	2.36998	0.928884	1.04321	1.04321	0.0492282	2.89716	2.89716	0.135704	0.466745	-2.1425	0.608792	0.783004	-1.27713	0.510945	1.37159	1.37159	0.039931	3.08124	3.08124	0.787862	0.88002	-1.13634	2.18014	7.75382	3.1614	1
cg23938637	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.143037	0.79894	0.854011	-1.17094	0.946051	0.959024	-1.04273	0.803622	1.16654	1.16654	0.856669	0.89424	-1.11827	0.0135122	0.151045	-6.62055	0.869988	0.903683	-1.10658	0.479502	1.55961	1.55961	0.205094	2.28559	2.28559	0.0413283	0.233397	-4.28454	2.18014	13.199	5.3815	1
cg10002412	GRAMD1A;GRAMD1A;GRAMD1A;GRAMD1A	0.143039	0.0715098	0.757178	-1.32069	0.165127	1.22708	1.22708	0.123524	1.25931	1.25931	0.741552	0.955289	-1.0468	0.750372	0.956844	-1.0451	0.302617	0.862788	-1.15903	0.053488	0.738509	-1.35408	0.366697	1.13674	1.13674	0.44531	1.11353	1.11353	2.18012	0.659563	0.26892	1
cg13730358	STK32C	0.143039	0.0510112	0.206502	-4.84257	0.0728859	0.241734	-4.13678	0.0992624	0.277351	-3.60554	0.262838	0.436694	-2.28993	0.0629003	0.22649	-4.41521	0.093169	0.269605	-3.70913	0.191703	0.374966	-2.66691	0.0335127	0.171571	-5.82848	0.154218	0.338754	-2.95199	2.18012	17.3919	7.09112	1
cg19273467	PEF1	0.143041	0.418429	1.10692	1.10692	0.559146	1.07527	1.07527	0.0860398	1.26244	1.26244	0.0926844	0.796675	-1.25522	0.581734	1.07074	1.07074	0.72478	1.04439	1.04439	0.388797	0.897171	-1.11461	0.847309	1.02397	1.02397	0.0170732	1.42935	1.42935	2.18011	0.521155	0.212488	1
cg20298273	C1orf92	0.143043	0.447286	0.427229	-2.34066	0.0291653	16.8144	16.8144	0.229357	3.99445	3.99445	0.490404	0.463396	-2.15798	0.749851	1.4208	1.4208	0.423675	0.407712	-2.45271	0.817261	1.28934	1.28934	0.0638798	9.8443	9.8443	0.0646267	9.76643	9.76643	2.1801	41.6245	16.9715	1
cg26572992	CRTC1;CRTC1	0.143043	0.562757	1.31363	1.31363	0.0911733	2.38068	2.38068	0.0231337	3.54671	3.54671	0.301811	1.64661	1.64661	0.212386	0.542079	-1.84475	0.259446	1.73059	1.73059	0.330734	1.59662	1.59662	0.506355	0.730276	-1.36935	0.280757	0.592932	-1.68653	2.18009	7.50443	3.05978	1
cg25664704	HLA-E	0.143047	0.709045	1.08504	1.08504	0.824134	0.952691	-1.04966	0.141369	1.41112	1.41112	0.100126	0.675517	-1.48035	0.212931	0.751544	-1.33059	0.950895	0.986679	-1.0135	0.311618	0.796178	-1.256	0.0426694	1.66214	1.66214	0.141515	1.41091	1.41091	2.18007	1.63703	0.667474	1
cg04064828	DPYSL4	0.143048	0.0908908	6.35945	6.35945	0.0312792	12.3014	12.3014	0.100711	5.96414	5.96414	0.398685	2.35902	2.35902	0.416793	0.438554	-2.28022	0.911928	1.11616	1.11616	0.107002	0.174173	-5.74143	0.610894	1.66473	1.66473	0.856626	0.835577	-1.19678	2.18006	34.0637	13.889	1
cg20383558	MATR3;MATR3	0.143051	0.117266	0.637021	-1.56981	0.919434	0.97354	-1.02718	0.5294	1.18397	1.18397	0.0223695	2.0655	2.0655	0.403382	1.25438	1.25438	0.210558	0.704914	-1.41861	0.979985	0.993373	-1.00667	0.108795	0.629028	-1.58975	0.61454	1.14407	1.14407	2.18004	2.42555	0.988994	1
cg04473822	MYEOV2;MYEOV2	0.143052	0.0975464	1.17826	1.17826	0.318659	0.911199	-1.09746	0.259927	1.11186	1.11186	0.161753	1.14432	1.14432	0.0161251	1.30426	1.30426	0.232058	1.11973	1.11973	0.801387	1.023	1.023	0.889637	0.987551	-1.01261	0.0925667	1.18177	1.18177	2.18003	0.281091	0.114612	1
cg25118631	USP53	0.143053	0.0568696	0.282189	-3.54372	0.0308066	0.225617	-4.43229	0.0616247	0.29058	-3.44139	0.163385	0.417576	-2.39477	0.130944	0.38388	-2.60498	0.286796	0.522391	-1.91428	0.0465701	0.262365	-3.81148	0.259152	0.501023	-1.99592	0.111722	0.361716	-2.7646	2.18003	11.8993	4.85183	1
cg02107380	PMPCB	0.143053	0.153576	0.77392	-1.29212	0.0400572	1.48883	1.48883	0.689785	1.06961	1.06961	0.648198	1.0801	1.0801	0.0588274	0.699102	-1.43041	0.343502	0.849012	-1.17784	0.334381	0.846203	-1.18175	0.224443	0.807314	-1.23868	0.249479	0.817188	-1.22371	2.18003	0.971402	0.396082	1
cg20324706	KIAA0649	0.143055	0.132467	0.709644	-1.40916	0.407841	1.19587	1.19587	0.135768	1.40445	1.40445	0.859428	1.03816	1.03816	0.370624	0.823465	-1.21438	0.538848	1.14049	1.14049	0.0527393	1.59235	1.59235	0.0353145	1.67842	1.67842	0.431928	1.18466	1.18466	2.18001	1.54112	0.628384	1
cg25516633	RNF19A;RNF19A	0.143057	0.0865199	0.594507	-1.68207	0.20415	1.44491	1.44491	0.783468	0.927136	-1.07859	0.975411	1.0085	1.0085	0.232797	0.709192	-1.41006	0.0864636	0.59444	-1.68225	0.168711	0.668457	-1.49598	0.771003	0.922972	-1.08346	0.0208106	0.465735	-2.14714	2.17999	2.60433	1.06191	1
cg15147841	OPA3	0.14306	0.791165	0.935239	-1.06924	0.073487	0.604448	-1.6544	0.0696169	0.599325	-1.66854	0.483039	0.8354	-1.19703	0.72807	1.09205	1.09205	0.643037	0.888924	-1.12496	0.0625963	1.69664	1.69664	0.255319	0.741111	-1.34933	0.0761381	0.607831	-1.64519	2.17998	2.19743	0.896007	1
cg00622528	C6orf130;NFYA;NFYA	0.14306	0.0172732	0.726824	-1.37585	0.425206	1.09372	1.09372	0.676479	1.04725	1.04725	0.312767	0.891482	-1.12173	0.737169	0.963622	-1.03775	0.536463	1.07129	1.07129	0.692818	1.04465	1.04465	0.193002	0.859367	-1.16365	0.0790151	1.23931	1.23931	2.17997	0.417877	0.17039	1
cg03866835	FAM65A	0.143061	0.713018	1.07352	1.07352	0.265703	1.24947	1.24947	0.477491	1.14877	1.14877	0.114028	1.39116	1.39116	0.817621	0.956612	-1.04536	0.0180243	0.575948	-1.73627	0.107463	0.713651	-1.40125	0.656233	1.08984	1.08984	0.807994	0.954323	-1.04786	2.17997	1.27313	0.519122	1
cg05368724	FAM178B;FAM178B	0.143061	0.732522	0.89083	-1.12255	0.892899	0.955623	-1.04644	0.0379157	0.444389	-2.25028	0.495426	0.791954	-1.2627	0.976193	0.989995	-1.01011	0.491139	0.790058	-1.26573	0.022798	2.50471	2.50471	0.199488	0.633319	-1.57898	0.420866	1.31929	1.31929	2.17997	3.92034	1.59853	1
cg26107890	SLC12A8	0.143066	0.090642	11.4253	11.4253	0.255727	4.71279	4.71279	0.112472	9.56183	9.56183	0.287119	4.23849	4.23849	0.504683	2.4219	2.4219	0.393376	3.13426	3.13426	0.0897993	0.0868564	-11.5133	0.0873287	0.0848914	-11.7798	0.750433	1.51733	1.51733	2.17993	58.9444	24.0352	1
cg24255928	CCNJ;CCNJ;CCNJ	0.143069	0.309661	1.75846	1.75846	0.427026	1.5456	1.5456	0.42458	0.645446	-1.54932	0.888048	1.07856	1.07856	0.126892	0.412134	-2.4264	0.0140847	0.19651	-5.08879	0.273162	0.542113	-1.84463	0.599766	1.32879	1.32879	0.299079	1.78215	1.78215	2.17991	9.95153	4.05787	1
cg02960663	EPHB3	0.14307	0.024135	1.68221	1.68221	0.276448	0.803353	-1.24478	0.971746	0.993173	-1.00687	0.442403	0.859423	-1.16357	0.865837	0.967823	-1.03325	0.93477	0.984292	-1.01596	0.0645491	0.66924	-1.49423	0.130479	1.37148	1.37148	0.49953	0.875835	-1.14177	2.17991	1.29165	0.526688	1
cg11594683	TBCD	0.14307	0.410477	0.82183	-1.2168	0.80627	0.944327	-1.05896	0.180031	1.39366	1.39366	0.0411197	0.577309	-1.73218	0.603623	0.885047	-1.12988	0.911498	0.974412	-1.02626	0.0357016	1.76802	1.76802	0.177376	1.39685	1.39685	0.862341	1.04129	1.04129	2.1799	1.87647	0.76516	1
cg00213080	CYTH3	0.143073	0.651024	0.915352	-1.09248	0.112257	1.39913	1.39913	0.657448	0.916968	-1.09055	0.0384665	1.59321	1.59321	0.166571	1.33172	1.33172	0.701239	1.07775	1.07775	0.0172283	1.75705	1.75705	0.544132	1.12665	1.12665	0.201473	1.29953	1.29953	2.17988	1.30245	0.5311	1
cg21419617	UTS2;UTS2;UTS2	0.143074	0.387437	1.30078	1.30078	0.403249	1.28904	1.28904	0.29001	0.721819	-1.38539	0.215478	1.47254	1.47254	0.00992334	0.380278	-2.62966	0.582341	1.17925	1.17925	0.443013	1.26133	1.26133	0.428	1.27151	1.27151	0.917565	0.969736	-1.03121	2.17988	3.04201	1.24044	1
cg07767672	INPP5K;LOC100306951;INPP5K;INPP5K;INPP5K;INPP5K;INPP5K	0.143075	0.0551252	1.95966	1.95966	0.225329	1.48288	1.48288	0.275605	0.704045	-1.42036	0.581823	1.18779	1.18779	0.396953	1.30783	1.30783	0.0337391	0.464328	-2.15365	0.41163	1.29659	1.29659	0.313122	1.38099	1.38099	0.364176	1.33444	1.33444	2.17987	3.30488	1.34764	1
cg14949892	CHFR;CHFR;CHFR;CHFR;CHFR	0.143077	0.973316	1.01067	1.01067	0.0114951	2.72817	2.72817	0.102207	1.76435	1.76435	0.36553	1.34332	1.34332	0.31065	0.716759	-1.39517	0.508556	0.808237	-1.23726	0.89308	0.958208	-1.04361	0.162223	1.60594	1.60594	0.666749	0.871511	-1.14743	2.17985	3.47916	1.41872	1
cg19208331	MLH1;MLH1;EPM2AIP1;MLH1;MLH1;MLH1;MLH1;MLH1	0.143078	0.994905	1.0013	1.0013	0.799	1.05345	1.05345	0.993068	1.00177	1.00177	0.346612	0.820555	-1.21869	0.195982	0.756515	-1.32185	0.499901	1.14998	1.14998	0.00433472	0.459326	-2.1771	0.537497	0.880378	-1.13588	0.818177	1.04811	1.04811	2.17985	1.43758	0.586212	1
cg26542254	MAGI2	0.143079	0.290102	0.712152	-1.4042	0.82138	1.07242	1.07242	0.44184	1.27439	1.27439	0.764217	0.911189	-1.09747	0.746631	1.10542	1.10542	0.426435	0.777963	-1.28541	0.0124116	0.382077	-2.61727	0.0432365	0.487272	-2.05224	0.481971	1.24727	1.24727	2.17983	3.30014	1.34573	1
cg22533717	RRM2;RRM2	0.143081	0.0896591	0.599607	-1.66776	0.17877	0.676731	-1.47769	0.34069	1.30789	1.30789	0.26268	0.726702	-1.37608	0.143896	0.651016	-1.53606	0.0136692	0.43444	-2.30181	0.807413	1.06904	1.06904	0.954092	1.01586	1.01586	0.263811	0.727297	-1.37495	2.17982	2.57988	1.05203	1
cg25888867	IGSF1;IGSF1;IGSF1;IGSF1;IGSF1;IGSF1	0.143081	0.0631574	0.307844	-3.2484	0.0404503	0.263372	-3.79692	0.521624	0.693382	-1.44221	0.222079	0.485086	-2.06149	0.151463	0.42045	-2.3784	0.0623502	0.306459	-3.26308	0.482533	1.49534	1.49534	0.5015	1.46899	1.46899	0.543388	1.41447	1.41447	2.17982	10.9715	4.47397	1
cg21216220	ACACA;ACACA;C17orf78	0.143081	0.350059	0.753277	-1.32753	0.0524367	0.522238	-1.91484	0.0932473	0.580508	-1.72263	0.547104	1.19658	1.19658	0.961929	0.986039	-1.01416	0.169624	0.649907	-1.53868	0.0513307	0.520206	-1.92232	0.615064	1.16107	1.16107	0.0476408	0.513157	-1.94872	2.17982	2.99522	1.22139	1
cg03702545	SLC38A11	0.143082	0.469837	0.701317	-1.42589	0.39558	0.657165	-1.52169	0.0263796	0.280664	-3.56298	0.776496	0.871676	-1.14722	0.0349831	0.305572	-3.27255	0.116325	0.438917	-2.27834	0.142885	0.467742	-2.13793	0.281017	1.71715	1.71715	0.22674	0.542046	-1.84486	2.17981	8.03821	3.27784	1
cg22698115	HCCA2	0.143082	0.220868	1.35238	1.35238	0.165054	1.41532	1.41532	0.497064	0.850675	-1.17554	0.165589	1.41462	1.41462	0.333442	1.26365	1.26365	0.031822	1.80424	1.80424	0.0287917	1.83087	1.83087	0.0693778	1.6104	1.6104	0.488328	1.17954	1.17954	2.17981	1.89934	0.774516	1
cg08727443	DLGAP3	0.143083	0.0964069	12.8188	12.8188	0.0208091	48.8191	48.8191	0.856237	1.28843	1.28843	0.123805	10.27	10.27	0.560784	0.439583	-2.27488	0.410668	3.24036	3.24036	0.965504	0.941355	-1.0623	0.135078	9.4988	9.4988	0.0455362	24.6435	24.6435	2.17981	67.4188	27.4922	1
cg09571420	CNTNAP2	0.143087	0.218512	0.503912	-1.98448	0.869265	0.917076	-1.09042	0.0341004	0.264069	-3.78689	0.78637	1.15349	1.15349	0.698771	1.22688	1.22688	0.478856	1.46116	1.46116	0.645001	1.27637	1.27637	0.0170921	0.206674	-4.83853	0.27299	0.547088	-1.82786	2.29494	9.8235	3.32928	1
cg18957973	KIAA1310;KIAA1310	0.143089	0.486126	1.26445	1.26445	0.54304	0.815365	-1.22644	0.695628	0.877781	-1.13924	0.787011	0.914122	-1.09395	0.00517841	0.294152	-3.3996	0.220437	0.652372	-1.53287	0.537863	1.22975	1.22975	0.400718	1.33001	1.33001	0.976618	0.99033	-1.00976	2.17977	3.79493	1.54754	1
cg02563685	UTP23;UTP23	0.143089	0.0720625	0.592213	-1.68858	0.410576	1.24554	1.24554	0.939372	1.02005	1.02005	0.0269024	0.504654	-1.98156	0.313049	0.761642	-1.31295	0.834551	1.05609	1.05609	0.0664235	0.584418	-1.7111	0.499771	1.19572	1.19572	0.446437	1.22446	1.22446	2.17977	2.35049	0.958509	1
cg25594736	SMAD3	0.143093	0.403177	1.33565	1.33565	0.137246	1.71863	1.71863	0.724239	0.887064	-1.12731	0.710765	0.8816	-1.1343	0.884996	1.05018	1.05018	0.395902	0.745174	-1.34197	0.785991	1.09645	1.09645	0.011164	2.93293	2.93293	0.140135	0.584507	-1.71084	2.17974	3.95128	1.61132	1
cg19198794	HTRA2;AUP1;HTRA2	0.1431	0.174615	0.839623	-1.19101	0.243723	0.862727	-1.15912	0.65141	1.0566	1.0566	0.360328	0.892395	-1.12058	0.283751	1.14433	1.14433	0.0601872	0.773654	-1.29257	0.79076	0.968321	-1.03272	0.657325	1.05554	1.05554	0.034883	1.3467	1.3467	2.17969	0.505923	0.206319	1
cg17886959	MT2A	0.143101	0.0378813	0.332978	-3.00321	0.613757	1.26171	1.26171	0.0830835	0.416247	-2.40242	0.364712	1.53027	1.53027	0.0745966	0.403634	-2.47749	0.400491	1.48157	1.48157	0.329059	0.631209	-1.58426	0.294963	1.64234	1.64234	0.734344	0.855914	-1.16834	2.17968	7.2027	2.93731	1
cg03831502	SCTR	0.143102	0.0235147	1.64227	1.64227	0.299253	0.820962	-1.21808	0.115084	0.730387	-1.36914	0.696608	1.0745	1.0745	0.517361	0.886597	-1.12791	0.965008	1.00808	1.00808	0.0742005	1.44026	1.44026	0.435428	0.86423	-1.1571	0.872569	0.970994	-1.02987	2.17967	1.16078	0.473377	1
cg02845365	FANCL;FANCL	0.143102	0.0159744	0.219728	-4.55109	0.0502434	0.317728	-3.14735	0.507068	1.41304	1.41304	0.269458	0.553918	-1.80532	0.374272	0.625955	-1.59756	0.711109	1.21058	1.21058	?	?	?	0.765509	0.857576	-1.16608	0.542077	1.37303	1.37303	2.19791	8.16464	3.71473	1
cg10158598	TNS3	0.143103	0.846382	0.941199	-1.06248	0.081862	1.82652	1.82652	0.29223	1.40695	1.40695	0.106438	0.576488	-1.73464	0.176505	1.56663	1.56663	0.168588	1.58148	1.58148	0.0779221	1.84422	1.84422	0.0759692	1.85338	1.85338	0.962649	0.985475	-1.01474	2.17967	3.36989	1.37427	1
cg23181142	HAUS7	0.143103	0.158985	0.285122	-3.50727	0.76854	1.27888	1.27888	0.137114	0.263217	-3.79914	0.0743146	5.24664	5.24664	0.206504	0.329353	-3.03625	?	?	?	0.0413748	0.140707	-7.10698	0.894911	0.895689	-1.11646	0.686888	0.713358	-1.40182	2.1979	21.4994	9.78176	1
cg13725516	PCDHGB1;PCDHGA2;PCDHGA1;PCDHGB1;PCDHGA3	0.143105	0.0293832	3.00163	3.00163	0.362052	0.669418	-1.49383	0.408207	1.43677	1.43677	0.226554	1.72277	1.72277	0.821361	0.907661	-1.10173	0.79179	1.12001	1.12001	0.11287	2.09442	2.09442	0.0246716	3.14567	3.14567	0.252586	1.66854	1.66854	2.17965	6.33529	2.58361	1
cg26789597	EIF4G3	0.143107	0.960867	1.02227	1.02227	0.0413705	2.87508	2.87508	0.145932	2.01521	2.01521	0.280202	1.65513	1.65513	0.195692	0.541051	-1.84825	0.989901	0.994335	-1.0057	0.302384	1.61539	1.61539	0.0229889	3.38971	3.38971	0.356816	1.53021	1.53021	2.17964	6.95557	2.83659	1
cg11081415	C21orf67;C21orf70;C21orf67	0.143112	0.973705	0.994763	-1.00526	0.450994	0.884833	-1.13016	0.473662	1.12311	1.12311	0.186065	1.25027	1.25027	0.46936	0.889342	-1.12443	0.0149177	0.620673	-1.61116	0.049906	0.700284	-1.42799	0.761617	1.04967	1.04967	0.850408	0.970368	-1.03054	2.1796	0.876181	0.357326	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21282736	EPB41L2;EPB41L2;EPB41L2	0.143112	0.131875	3.28385	3.28385	0.664896	0.727148	-1.37524	0.76961	1.23951	1.23951	0.235643	2.48098	2.48098	0.0922705	3.87575	3.87575	0.233097	2.49449	2.49449	0.019775	7.82782	7.82782	0.0453444	5.35709	5.35709	0.125549	3.36035	3.36035	2.1796	18.4512	7.5248	1
cg01067626	SKP1;SKP1	0.143113	0.798819	1.08606	1.08606	0.00578312	3.218	3.218	0.330594	1.38335	1.38335	0.568368	1.20487	1.20487	0.875073	0.950415	-1.05217	0.814584	0.926875	-1.07889	0.456909	1.27749	1.27749	0.364361	0.739859	-1.35161	0.110759	1.75362	1.75362	2.1796	3.60672	1.4709	1
cg17437399	RAP1GAP;RAP1GAP	0.14312	0.24825	0.661081	-1.51267	0.545102	1.23368	1.23368	0.575114	1.21433	1.21433	0.591628	0.830526	-1.20406	0.805551	0.918905	-1.08825	0.07878	1.953	1.953	0.0108643	0.333995	-2.99406	0.531377	0.80461	-1.24284	0.675769	0.865687	-1.15515	2.17954	4.05865	1.65525	1
cg07241170	C6orf145	0.143121	0.349461	0.495311	-2.01893	0.701288	0.754921	-1.32464	0.421925	0.549684	-1.81923	0.610038	1.4553	1.4553	0.020518	0.130545	-7.66021	0.452637	0.572288	-1.74737	0.0108844	0.0970997	-10.2987	0.968237	1.02947	1.02947	0.430978	0.556367	-1.79738	2.17954	18.3674	7.49085	1
cg03221778	ZNF778;ZNF778	0.143123	0.197599	1.19647	1.19647	0.117045	1.25138	1.25138	0.317169	1.1459	1.1459	0.963863	0.994051	-1.00598	0.065059	1.31367	1.31367	0.490731	0.911928	-1.09658	0.854892	0.976177	-1.0244	0.0112071	1.51977	1.51977	0.715298	1.04943	1.04943	2.17952	0.598786	0.244207	1
cg05565809	C6orf27	0.143123	0.360263	1.4953	1.4953	0.10233	2.14842	2.14842	0.0784572	2.30739	2.30739	0.520651	1.32116	1.32116	0.0642402	0.410885	-2.43377	0.621887	1.23694	1.23694	0.111648	2.0983	2.0983	0.16064	1.89846	1.89846	0.451854	0.720458	-1.38801	2.17952	6.31595	2.57588	1
cg14443515	MAFF;MAFF;MAFF;MAFF	0.143126	0.253906	0.697996	-1.43267	0.751072	1.1008	1.1008	0.615577	0.858316	-1.16507	0.299351	0.722825	-1.38346	0.0867364	0.56501	-1.76988	0.0124458	2.55629	2.55629	0.42675	0.782791	-1.27748	0.908116	0.965758	-1.03546	0.934457	0.975484	-1.02513	2.1795	3.14349	1.28204	1
cg14315198	UNC119;UNC119	0.143127	0.496583	0.873344	-1.14502	0.892013	1.02701	1.02701	0.91153	1.02204	1.02204	0.729683	0.934211	-1.07042	0.145141	0.735689	-1.35927	0.220035	0.776475	-1.28787	0.0180014	1.75741	1.75741	0.122692	1.38837	1.38837	0.335053	1.21535	1.21535	2.17949	1.32857	0.541847	1
cg26927230	NOL3	0.14313	0.807579	0.934262	-1.07036	0.0178152	0.448092	-2.23169	0.199336	0.685297	-1.45922	0.192933	0.681148	-1.46811	0.487188	0.821421	-1.2174	0.879194	1.0433	1.0433	0.19681	1.46269	1.46269	0.0484479	0.533491	-1.87444	0.411373	0.791296	-1.26375	2.17947	2.68066	1.0933	1
cg14114377	MARK4	0.14313	0.0703705	0.441541	-2.2648	0.639268	0.826289	-1.21023	0.560868	0.788461	-1.26829	0.984495	1.00789	1.00789	0.185668	0.567101	-1.76335	0.590352	0.802796	-1.24565	0.0088963	0.260427	-3.83985	0.241899	1.64061	1.64061	0.860234	0.931244	-1.07383	2.17947	5.63891	2.29981	1
cg10401088	LUM;LUM	0.143133	0.147848	0.3664	-2.72926	0.0239574	0.17519	-5.7081	0.0565452	0.247598	-4.0388	0.674015	0.760645	-1.31467	0.0696945	0.269326	-3.71297	0.0611294	0.255479	-3.91422	0.0921024	0.301485	-3.31691	0.209593	0.425216	-2.35174	0.60507	0.713662	-1.40122	2.17945	14.4347	5.88721	1
cg12840024	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.143133	0.168327	0.508793	-1.96544	0.064696	0.38479	-2.59882	0.93195	1.04009	1.04009	0.72924	1.17344	1.17344	0.108613	0.446849	-2.23789	0.215522	0.548805	-1.82214	0.0152254	0.253611	-3.94304	0.184715	0.523342	-1.91079	0.135924	0.477292	-2.09516	2.17945	7.31288	2.98256	1
cg09528056	GRK4;GRK4;GRK4;NOP14	0.143139	0.0478034	0.584524	-1.71079	0.382565	0.808578	-1.23674	0.405174	0.817023	-1.22396	0.759743	0.929802	-1.0755	0.0438916	0.577218	-1.73245	0.0789241	0.629439	-1.58872	0.0254914	0.532644	-1.87743	0.076423	0.62644	-1.59632	0.41358	0.820098	-1.21937	2.17941	1.94338	0.792625	1
cg19483048	HELZ	0.14314	0.213152	1.22356	1.22356	0.141597	1.27537	1.27537	0.114236	1.30265	1.30265	0.462621	0.891305	-1.12195	0.186501	1.2405	1.2405	0.751002	1.05021	1.05021	0.384885	0.87188	-1.14695	0.0695926	1.36661	1.36661	0.0284027	1.48902	1.48902	2.1794	0.817483	0.333418	1
cg05966988	HCG27	0.143141	0.780851	0.821231	-1.21768	0.142957	3.03977	3.03977	0.577907	1.48729	1.48729	0.569052	0.666026	-1.50144	0.895925	0.911722	-1.09683	0.61035	0.695645	-1.43751	0.931463	1.06263	1.06263	0.0282443	6.22967	6.22967	0.0166772	7.87628	7.87628	2.17939	17.2129	7.02046	1
cg13349776	GK5;GK5	0.143142	0.995745	0.997395	-1.00261	0.0484956	3.01182	3.01182	0.0760371	2.6266	2.6266	0.947271	0.968166	-1.03288	0.0870718	0.396847	-2.51987	0.390773	0.650423	-1.53746	0.142261	0.462255	-2.16331	0.831529	0.901038	-1.10983	0.377894	0.642396	-1.55667	2.17938	8.25847	3.36832	1
cg16406078	FAM110A;FAM110A;FAM110A	0.143142	0.267381	0.568599	-1.75871	0.555139	1.33862	1.33862	0.0510292	2.96224	2.96224	0.143154	2.1573	2.1573	0.149526	0.469972	-2.12779	0.064184	2.76295	2.76295	0.479757	1.42054	1.42054	0.932299	1.04239	1.04239	0.156088	2.09896	2.09896	2.17938	8.24125	3.3613	1
cg06968641	DIP2C	0.143144	0.669638	1.12763	1.12763	0.0240186	0.470746	-2.12429	0.274517	0.727449	-1.37467	0.574287	1.17217	1.17217	0.257975	0.71866	-1.39148	0.13214	0.634565	-1.57588	0.0736402	1.74743	1.74743	0.721896	1.1052	1.1052	0.703347	0.898452	-1.11303	2.17937	2.70374	1.10276	1
cg06494844	ENGASE	0.143144	0.0962609	0.40146	-2.49091	0.0882178	2.56014	2.56014	0.787186	0.873526	-1.14479	0.889471	0.932874	-1.07196	0.253843	0.551315	-1.81385	0.0171241	0.234096	-4.27175	0.815875	1.12362	1.12362	0.262419	0.557714	-1.79303	0.603726	0.769767	-1.29909	2.17937	8.6189	3.51535	1
cg03424436	CEP250	0.143145	0.768999	0.944557	-1.0587	0.0645381	1.49507	1.49507	0.0665232	1.48962	1.48962	0.425143	1.17087	1.17087	0.625565	1.09993	1.09993	0.460889	1.1565	1.1565	0.0355875	0.622625	-1.6061	0.558258	0.891661	-1.1215	0.523016	0.882167	-1.13357	2.17936	1.2948	0.528105	1
cg23429042	ZNF860;OSBPL10	0.143146	0.179472	2.75656	2.75656	0.0122376	9.20284	9.20284	0.0611073	4.48543	4.48543	0.447026	1.73525	1.73525	0.399085	1.84768	1.84768	0.795586	1.20277	1.20277	0.130405	3.1953	3.1953	0.0470634	5.03385	5.03385	0.236379	2.41654	2.41654	2.17936	17.4559	7.11968	1
cg00245075	GALNT6	0.143146	0.297237	0.512313	-1.95193	0.00596998	0.108119	-9.24904	0.110554	0.340898	-2.93343	0.900839	1.0802	1.0802	0.207858	0.4396	-2.27479	0.23374	0.461795	-2.16546	0.271684	0.492544	-2.03028	0.222554	0.452341	-2.21072	0.852544	1.12205	1.12205	2.17935	13.2208	5.39236	1
cg00252615	GABRB2;GABRB2	0.143147	0.726456	1.20019	1.20019	0.367072	1.61833	1.61833	0.445739	1.49756	1.49756	0.0818931	2.72265	2.72265	0.86623	1.09154	1.09154	0.0693588	0.348017	-2.87342	0.0365559	0.283004	-3.53352	0.291741	1.76536	1.76536	0.764456	1.16897	1.16897	2.17935	9.31671	3.79999	1
cg07285953	CRYBA1	0.143151	0.589328	0.914352	-1.09367	0.140991	0.770948	-1.29711	0.210463	0.805085	-1.24211	0.592151	0.914985	-1.09291	0.00470402	0.539474	-1.85366	0.778028	0.95463	-1.04753	0.432685	1.1406	1.1406	0.967768	0.993383	-1.00666	0.572491	0.910556	-1.09823	2.17932	0.9317	0.380016	1
cg25738273	DUSP26;DUSP26	0.143151	0.566453	0.924924	-1.08117	0.562789	1.08199	1.08199	0.505722	1.09521	1.09521	0.67244	0.944336	-1.05895	0.142418	1.23659	1.23659	0.878771	0.979654	-1.02077	0.0765561	0.766967	-1.30384	0.181859	1.21028	1.21028	0.020957	1.45369	1.45369	2.17932	0.626026	0.25534	1
cg04371779	C14orf118;C14orf118	0.143153	0.719633	1.09011	1.09011	0.280972	0.764732	-1.30765	0.135565	1.46967	1.46967	0.0504624	0.586476	-1.7051	0.659567	1.11194	1.11194	0.10569	0.655051	-1.5266	0.713617	0.915549	-1.09224	0.0736131	1.61189	1.61189	0.636916	1.12054	1.12054	2.1793	1.97755	0.806597	1
cg14512425	MYCN;MYCNOS	0.143155	0.0965248	0.817582	-1.22312	0.228276	1.14979	1.14979	0.292617	1.12808	1.12808	0.496442	0.926613	-1.0792	0.189501	1.1658	1.1658	0.0283151	1.33078	1.33078	0.69109	1.04507	1.04507	0.940918	0.991852	-1.00822	0.105394	1.21565	1.21565	2.17929	0.42052	0.171521	1
cg19945092	ABI1;ABI1;ABI1;ABI1	0.143162	0.014188	0.483056	-2.07015	0.356663	1.25605	1.25605	0.174417	1.41538	1.41538	0.177776	0.708661	-1.41111	0.733757	0.921183	-1.08556	0.504323	1.17696	1.17696	0.448327	0.83043	-1.2042	0.496028	0.846865	-1.18083	0.331042	1.27274	1.27274	2.17924	1.99579	0.81406	1
cg08875180	C17orf51	0.143163	0.785721	1.03129	1.03129	0.083038	1.24234	1.24234	0.623567	1.05753	1.05753	0.699515	0.957095	-1.04483	0.0781401	1.24769	1.24769	0.169961	1.17971	1.17971	0.0702607	0.795488	-1.25709	0.189463	0.854569	-1.17018	0.320901	1.12295	1.12295	2.17923	0.441244	0.179979	1
cg05787209	STX1B	0.143165	0.12895	0.252783	-3.95597	0.392482	0.479851	-2.08398	0.891006	1.12178	1.12178	0.904855	0.904632	-1.10542	0.0802794	0.196649	-5.08521	0.540413	0.594833	-1.68115	0.0163044	0.0852877	-11.725	0.0324884	0.122697	-8.15014	0.195326	0.317267	-3.15192	2.17922	24.2477	9.89048	1
cg02817770	SNX20;SNX20;SNX20	0.143165	0.0913814	0.575423	-1.73785	0.0971182	0.582015	-1.71817	0.197763	0.667184	-1.49884	0.452139	1.25571	1.25571	0.196658	0.666442	-1.50051	0.970238	1.01115	1.01115	0.11277	1.67056	1.67056	0.140569	0.624226	-1.60198	0.3116	1.36505	1.36505	2.17922	3.04992	1.24404	1
cg27077316	SLC25A17	0.143167	0.0754698	2.87439	2.87439	0.462311	0.670843	-1.49066	0.287714	0.554917	-1.80207	0.138902	2.33942	2.33942	0.248794	0.525615	-1.90253	0.596106	1.33028	1.33028	0.2579	1.87742	1.87742	0.0589484	3.12033	3.12033	0.130616	2.3893	2.3893	2.17921	9.82492	4.00754	1
cg23479065	LRRN1	0.143171	0.137583	0.429394	-2.32886	0.623883	0.770068	-1.29859	0.147956	2.27176	2.27176	0.824213	1.12481	1.12481	0.336571	0.592261	-1.68845	0.0636467	0.332098	-3.01116	0.0452027	0.296797	-3.3693	0.0663302	0.336642	-2.97052	0.711576	0.821736	-1.21694	2.17918	9.64596	3.9346	1
cg04707299	PEX3	0.143174	0.23772	0.810238	-1.2342	0.40565	0.865243	-1.15575	0.746454	1.05674	1.05674	0.1415	0.76416	-1.30863	0.110633	1.34415	1.34415	0.247869	1.22818	1.22818	0.02843	1.55275	1.55275	0.510425	0.89263	-1.12028	0.555212	1.10686	1.10686	2.17915	0.998977	0.407488	1
cg21384462	ERC2	0.143174	0.246729	0.903282	-1.10707	0.208436	0.894611	-1.1178	0.966174	1.00357	1.00357	0.0294877	0.806312	-1.24021	0.367507	1.08084	1.08084	0.692746	0.967199	-1.03391	0.0186139	0.786961	-1.27071	0.876576	0.987033	-1.01314	0.58039	1.04801	1.04801	2.17915	0.243402	0.099285	1
cg13967780	SMAD7;SMAD7	0.143176	0.98531	0.996302	-1.00371	0.0117258	1.88452	1.88452	0.0358237	1.63477	1.63477	0.643883	0.91057	-1.09821	0.986548	0.996613	-1.0034	0.700701	1.08083	1.08083	0.352469	0.824845	-1.21235	0.655436	1.0946	1.0946	0.275023	1.25678	1.25678	2.17914	1.39785	0.570194	1
cg05393484	OR6A2	0.143177	0.744744	0.880734	-1.13542	0.0763514	0.464646	-2.15218	0.184034	0.578201	-1.7295	0.889805	0.947536	-1.05537	0.00865613	0.272245	-3.67317	0.94326	0.972709	-1.02806	0.394749	1.40333	1.40333	0.173051	0.569141	-1.75703	0.413839	0.722711	-1.38368	2.17913	5.21565	2.12751	1
cg20227530	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.143177	0.0754046	0.41855	-2.3892	0.544212	0.76332	-1.31007	0.928696	1.04017	1.04017	0.120809	2.09648	2.09648	0.087654	0.436265	-2.29219	0.139171	0.496416	-2.01444	0.0567069	0.387119	-2.58319	0.843369	1.09094	1.09094	0.191534	0.544227	-1.83747	2.17913	6.68152	2.72546	1
cg26774803	MUC5B	0.143177	0.67649	1.20164	1.20164	0.124868	0.483244	-2.06935	0.0883516	0.439074	-2.27752	0.957217	0.97679	-1.02376	0.0120303	0.25384	-3.93949	0.321922	0.638949	-1.56507	0.125311	0.483722	-2.0673	0.823029	1.10303	1.10303	0.153566	0.512288	-1.95203	2.17913	6.61337	2.69766	1
cg16421871	MCF2L;MCF2L	0.143182	0.754134	1.21897	1.21897	0.679006	1.29986	1.29986	0.282884	2.02023	2.02023	0.457037	1.61178	1.61178	0.314469	0.519145	-1.92624	0.296584	0.505579	-1.97793	0.100756	3.10461	3.10461	0.0513508	4.04775	4.04775	0.0266139	5.23844	5.23844	2.1791	13.7076	5.59156	1
cg04874580	RBPMS;RBPMS;RBPMS;RBPMS	0.143188	0.207198	0.417138	-2.39729	0.300059	0.493654	-2.02571	0.059807	0.247572	-4.03923	0.574432	1.45201	1.45201	0.0445394	0.219504	-4.55572	0.498424	0.636511	-1.57107	0.0317061	0.191025	-5.2349	0.702377	0.776958	-1.28707	0.0595898	0.247204	-4.04524	2.17906	14.9119	6.08294	1
cg20570761	NR1D1	0.143191	0.408023	1.26998	1.26998	0.826649	0.939938	-1.0639	0.808527	0.933734	-1.07097	0.987444	0.995566	-1.00445	0.560538	0.846867	-1.18082	0.107159	0.60856	-1.64322	0.00535266	0.35489	-2.81777	0.73999	1.09862	1.09862	0.344558	0.759609	-1.31647	2.17903	2.75249	1.12282	1
cg26103369	KIAA0317	0.143191	0.395457	0.703573	-1.42132	0.196287	0.575798	-1.73672	0.833346	0.918401	-1.08885	0.977294	1.01156	1.01156	0.93386	1.0341	1.0341	0.463178	0.739577	-1.35212	0.033479	2.72824	2.72824	0.0243213	2.95757	2.95757	0.545414	1.28046	1.28046	2.17903	5.63245	2.29764	1
cg25033759	LOC115110	0.143191	0.0712456	4.61045	4.61045	0.169858	3.03145	3.03145	0.130534	3.45075	3.45075	0.1029	3.87065	3.87065	0.22524	2.6277	2.6277	0.0965869	3.98975	3.98975	0.225825	2.62418	2.62418	0.0294364	6.99597	6.99597	0.0334749	6.5831	6.5831	2.17903	19.8561	8.09988	1
cg18311400	HERC2	0.143193	0.658629	1.13209	1.13209	0.177034	1.4924	1.4924	0.0427577	0.521639	-1.91704	0.0413799	1.92795	1.92795	0.560818	1.17834	1.17834	0.971444	1.01004	1.01004	0.163492	0.660361	-1.51432	0.626599	1.14661	1.14661	0.453289	0.808013	-1.2376	2.17902	2.6871	1.09615	1
cg04902405	ZC3H11A	0.143195	0.339712	0.598974	-1.66952	0.195761	2.03936	2.03936	0.871425	1.08803	1.08803	0.292834	1.76548	1.76548	0.0958712	0.385723	-2.59253	0.138006	2.29766	2.29766	0.447312	1.49693	1.49693	0.0417681	3.39521	3.39521	0.295208	0.568115	-1.76021	2.179	9.36295	3.81946	1
cg27356342	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.143198	0.355749	0.51723	-1.93338	0.337054	1.98756	1.98756	0.200266	0.391031	-2.55734	0.55087	0.657831	-1.52015	0.0240014	0.154339	-6.47925	0.103438	0.290536	-3.44192	0.0360028	0.184008	-5.43455	0.769361	0.815419	-1.22636	0.151721	0.344421	-2.90342	2.17899	16.622	6.78072	1
cg19411919	SSX6	0.1432	0.183573	0.454419	-2.20061	0.626013	0.759905	-1.31595	0.345654	0.58103	-1.72108	0.144805	0.416662	-2.40003	0.00914873	0.15714	-6.36376	0.386794	1.64204	1.64204	0.991042	0.993744	-1.0063	0.0799174	0.337471	-2.96322	0.564782	0.722253	-1.38456	2.17897	10.7849	4.39958	1
cg22233152	PLEKHM1P	0.143205	0.132966	0.201303	-4.96763	0.380424	2.36244	2.36244	?	?	?	0.445713	0.477261	-2.09529	?	?	?	?	?	?	0.0300309	0.068296	-14.6421	?	?	?	0.959853	1.04844	1.04844	2.77858	19.8114	7.13003	1
cg09152042	PHF1;PHF1;PHF1	0.143206	0.466567	0.738019	-1.35498	0.0889995	2.15778	2.15778	0.643842	1.21033	1.21033	0.142475	0.523916	-1.9087	0.0638669	0.425681	-2.34917	0.37823	0.690256	-1.44874	0.122969	0.503993	-1.98415	0.4361	1.3851	1.3851	0.114551	0.49474	-2.02126	2.17892	5.80166	2.36678	1
cg15467646	LDLRAD2	0.143209	0.0547701	21.9724	21.9724	0.0711331	17.4464	17.4464	0.356528	3.83822	3.83822	0.145103	9.20097	9.20097	0.666713	0.540901	-1.84877	0.83752	0.747343	-1.33807	0.752911	0.638957	-1.56505	0.0357255	32.0172	32.0172	0.077346	16.1999	16.1999	2.1789	69.4195	28.3199	1
cg23908998	DNAJC1	0.143211	0.612588	0.93373	-1.07097	0.480132	1.10118	1.10118	0.199507	1.19963	1.19963	0.106615	0.789325	-1.26691	0.0684919	0.760446	-1.31502	0.686449	0.946965	-1.056	0.105111	0.788372	-1.26844	0.188256	1.20588	1.20588	0.130851	0.80328	-1.2449	2.17889	0.622209	0.253833	1
cg08160937	APLF	0.143213	0.279327	1.37512	1.37512	0.0133259	2.38301	2.38301	0.088383	1.70311	1.70311	0.1251	1.60027	1.60027	0.998358	1.00058	1.00058	0.303043	0.739233	-1.35275	0.493724	0.821322	-1.21755	0.691878	1.11942	1.11942	0.905732	0.967005	-1.03412	2.17888	2.76793	1.1292	1
cg01281911	FOXE3	0.143214	0.0229362	20.0834	20.0834	0.62664	1.71683	1.71683	0.660518	1.62786	1.62786	0.802199	1.31881	1.31881	0.669617	0.623005	-1.60512	0.607692	0.565023	-1.76984	0.914232	1.12612	1.12612	0.0416264	13.3249	13.3249	0.033617	15.428	15.428	2.17887	41.945	17.1118	1
cg06211456	SLC25A26;SLC25A26;SLC25A26	0.143221	0.0674384	0.352203	-2.83927	0.478667	0.692946	-1.44311	0.686184	0.813133	-1.22981	0.774006	1.15791	1.15791	0.00559737	0.156818	-6.37684	0.801267	0.879461	-1.13706	0.639321	0.786324	-1.27174	0.520188	0.717509	-1.39371	0.12583	0.430175	-2.32463	2.17882	8.94985	3.65125	1
cg22174356	ZMYM2;ZMYM2	0.143222	0.540045	1.08936	1.08936	0.353203	0.87651	-1.14089	0.0959104	0.776996	-1.28701	0.226612	1.19145	1.19145	0.565674	1.08342	1.08342	0.981768	1.00316	1.00316	0.286112	1.16515	1.16515	0.100852	0.7804	-1.28139	0.0399181	1.38776	1.38776	2.17882	0.656972	0.268024	1
cg08617982	RASA3	0.143222	0.02483	0.427405	-2.3397	0.792121	0.91938	-1.08769	0.649326	1.15682	1.15682	0.326694	0.724536	-1.38019	0.413145	0.76625	-1.30506	0.271822	0.694883	-1.43909	0.290499	1.41777	1.41777	0.1318	1.67809	1.67809	0.0912052	0.553223	-1.80759	2.17881	3.49443	1.42562	1
cg21626735	DKFZp686A1627	0.143223	0.887545	0.949361	-1.05334	0.442259	0.749951	-1.33342	0.115045	0.532948	-1.87636	0.655051	1.17957	1.17957	0.522826	1.26852	1.26852	0.0552875	2.22095	2.22095	0.327312	1.44973	1.44973	0.436923	0.747322	-1.33811	0.0335688	0.401798	-2.48881	2.1788	4.65448	1.89889	1
cg19850535	HSPA1L;HSPA1L;HSPA1A	0.143229	0.166182	0.837388	-1.19419	0.0159718	0.701453	-1.42561	0.678781	0.951176	-1.05133	0.0408141	0.752914	-1.32817	0.630713	1.05995	1.05995	0.802623	1.03056	1.03056	0.702437	0.95491	-1.04722	?	?	?	0.65777	1.05505	1.05505	2.19698	0.446856	0.203396	1
cg08371951	SYNGAP1	0.143229	0.454896	0.701293	-1.42594	0.168289	1.98264	1.98264	0.24704	1.75813	1.75813	0.167806	0.503934	-1.98439	0.0173076	0.258871	-3.86293	0.408173	0.674094	-1.48347	0.362777	1.54658	1.54658	0.879207	0.93156	-1.07347	0.367386	0.64944	-1.53979	2.17876	7.49887	3.05938	1
cg07203134	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.14323	0.514472	0.92246	-1.08406	0.507633	0.921211	-1.08553	0.438712	1.10124	1.10124	0.828752	1.0268	1.0268	0.0241456	1.38857	1.38857	0.704812	1.04757	1.04757	0.0285694	0.729492	-1.37082	0.96751	0.995039	-1.00499	0.32298	1.13275	1.13275	2.17875	0.514389	0.209861	1
cg11863268	IMMT;IMMT;IMMT	0.143231	0.926499	0.976811	-1.02374	0.523172	1.17885	1.17885	0.102341	0.634714	-1.57551	0.130087	0.659832	-1.51554	0.747765	0.92123	-1.08551	0.947481	0.983389	-1.01689	0.0175462	2.08535	2.08535	0.216418	1.39202	1.39202	0.704781	0.907747	-1.10163	2.17875	2.23111	0.910252	1
cg09607178	NCRNA00171	0.143231	0.870148	0.965263	-1.03599	0.0319654	0.580939	-1.72135	0.0630813	0.636482	-1.57114	0.198175	1.34164	1.34164	0.166511	0.727031	-1.37546	0.821864	0.952436	-1.04994	0.165688	1.37642	1.37642	0.711709	0.922916	-1.08352	0.384569	0.824764	-1.21247	2.17875	1.61147	0.657449	1
cg00962029	DNAJA3;DNAJA3	0.143236	0.557972	1.07225	1.07225	0.239647	0.865041	-1.15601	0.157128	0.836814	-1.19501	0.464312	0.916041	-1.09165	0.96678	0.995108	-1.00492	0.824571	1.02649	1.02649	0.76034	1.03668	1.03668	0.191415	1.17687	1.17687	0.0113006	1.45289	1.45289	2.17871	0.47838	0.195173	1
cg06002203	TNXB;TNXA	0.143237	0.462696	0.834378	-1.1985	0.136908	0.678359	-1.47415	0.451619	0.830481	-1.20412	0.207574	1.37971	1.37971	0.0069096	0.428778	-2.33221	0.25784	0.751271	-1.33108	0.445233	0.828214	-1.20742	0.550018	0.863741	-1.15775	0.413943	0.816861	-1.2242	2.17871	2.02427	0.82588	1
cg02855409	CCDC63	0.143241	0.038829	0.288482	-3.46642	0.439878	1.50587	1.50587	0.349961	1.64868	1.64868	0.39432	0.635461	-1.57366	0.0413994	0.294517	-3.39539	0.147965	2.24025	2.24025	0.872327	0.919819	-1.08717	0.413509	1.5441	1.5441	0.91329	1.05824	1.05824	2.17868	9.31859	3.80193	1
cg17263089	SLC25A3;SLC25A3;SLC25A3	0.143248	0.338967	1.31745	1.31745	0.0467298	0.52891	-1.89068	0.388854	0.781124	-1.28021	0.809005	0.934507	-1.07008	0.884892	0.96029	-1.04135	0.101605	1.65093	1.65093	0.0311356	2.02907	2.02907	0.687583	1.11972	1.11972	0.701293	1.11383	1.11383	2.17863	2.69974	1.1015	1
cg18109537	MTUS1;MTUS1	0.143249	0.836103	0.968976	-1.03202	0.0730992	1.3554	1.3554	0.361934	0.86713	-1.15323	0.387582	1.14423	1.14423	0.160731	1.25601	1.25601	0.0374812	0.692626	-1.44378	0.58667	1.0871	1.0871	0.719324	1.05644	1.05644	0.150501	0.791005	-1.26421	2.17862	0.798602	0.325834	1
cg03328639	ABCB9;ABCB9;ABCB9	0.14325	0.0489473	3.79857	3.79857	0.0883818	3.05276	3.05276	0.10732	2.83884	2.83884	0.881424	0.915207	-1.09265	0.282108	0.515036	-1.94161	0.977208	1.0171	1.0171	0.886425	0.918662	-1.08854	0.032744	4.40607	4.40607	0.36729	1.73286	1.73286	2.17861	12.1588	4.9609	1
cg02430562	TICAM1;TICAM1	0.143251	0.0884479	0.73229	-1.36558	0.233553	0.812989	-1.23003	0.906088	1.01976	1.01976	0.0347087	0.664909	-1.50397	0.0161562	0.613961	-1.62877	0.563705	1.10159	1.10159	0.441255	0.877942	-1.13903	0.260516	0.823211	-1.21476	0.425262	0.873739	-1.14451	2.17861	0.948151	0.386853	1
cg26614264	MGC14436;MGC14436;C12orf34	0.143251	0.521708	0.670614	-1.49117	0.00604894	0.110139	-9.07943	0.0927929	0.320488	-3.12024	0.50497	1.51623	1.51623	0.934889	1.05156	1.05156	0.56938	0.702017	-1.42447	0.590676	0.716002	-1.39664	0.657827	0.760137	-1.31555	0.430256	1.64108	1.64108	2.1786	13.0616	5.32923	1
cg06155697	TUB;TUB	0.143254	0.783902	0.869457	-1.15014	0.0214701	4.07879	4.07879	0.0167585	4.41781	4.41781	0.154601	2.17129	2.17129	0.926638	0.954217	-1.04798	0.159523	2.14885	2.14885	0.455554	1.47218	1.47218	0.278331	1.77469	1.77469	0.733535	1.18992	1.18992	2.17858	8.93476	3.6455	1
cg02380064	INPP4B;INPP4B	0.143256	0.229175	1.36002	1.36002	0.74648	0.923999	-1.08225	0.445818	1.2085	1.2085	0.872874	0.96173	-1.03979	0.292589	1.30483	1.30483	0.605282	0.880694	-1.13547	0.029897	1.86376	1.86376	0.0158286	2.05504	2.05504	0.583057	0.873637	-1.14464	2.17857	2.04889	0.835977	1
cg14830915	KIF3B	0.143256	0.0530116	0.301673	-3.31485	0.414637	1.57539	1.57539	0.509851	1.43963	1.43963	0.525404	1.42012	1.42012	0.0905047	0.361825	-2.76377	0.311596	0.565202	-1.76928	0.0421001	0.279037	-3.58376	0.30962	0.563793	-1.7737	0.139211	0.420024	-2.38082	2.17857	10.2501	4.18219	1
cg00248174	RET;RET	0.143257	0.297518	2.34385	2.34385	0.724686	1.32168	1.32168	0.12177	3.75448	3.75448	0.122316	3.74604	3.74604	0.571181	1.57047	1.57047	0.648814	1.43566	1.43566	0.0144876	10.7613	10.7613	0.0231727	8.50779	8.50779	0.179809	3.07589	3.07589	2.17856	21.4633	8.75737	1
cg26924209	GLRX2;GLRX2	0.14326	0.134687	0.71391	-1.40074	0.209401	0.758472	-1.31844	0.363275	0.82264	-1.2156	0.795908	1.05565	1.05565	0.124062	0.706095	-1.41624	0.00771944	0.489122	-2.04448	0.828713	0.955736	-1.04631	0.547672	0.880616	-1.13557	0.43969	1.17901	1.17901	2.17854	1.50648	0.614675	1
cg23683501	PAQR8	0.143261	0.745291	1.12766	1.12766	0.0161573	0.338024	-2.95837	0.0284719	0.385605	-2.59333	0.882928	1.05581	1.05581	0.923865	0.965382	-1.03586	0.952072	1.0224	1.0224	0.617857	1.20368	1.20368	0.868137	1.06316	1.06316	0.117313	0.53419	-1.87199	2.17853	4.68726	1.91251	1
cg08265392	PRKAG2;PRKAG2;PRKAG2	0.143262	0.0254664	0.335594	-2.97979	0.78113	0.891783	-1.12135	0.0416459	0.380701	-2.62673	0.307004	0.647361	-1.54473	0.0679038	0.431354	-2.31828	0.17565	0.553139	-1.80787	0.129232	0.50962	-1.96225	0.854179	1.07859	1.07859	0.0931232	0.467862	-2.13738	2.17853	5.83396	2.38039	1
cg18304674	ZDHHC6;VTI1A;ZDHHC6	0.143265	0.164286	1.3762	1.3762	0.398644	1.20436	1.20436	0.531615	1.14608	1.14608	0.555584	0.879603	-1.13688	0.0952026	0.674016	-1.48364	0.366165	0.81891	-1.22114	0.815507	0.95095	-1.05158	0.020729	0.549236	-1.82071	0.302777	1.25822	1.25822	2.17851	1.59759	0.651861	1
cg18378494	FUT11	0.14327	0.476115	1.2675	1.2675	0.425174	1.30529	1.30529	0.16479	1.62388	1.62388	0.0784939	0.527623	-1.89529	0.133271	1.69866	1.69866	0.28379	1.4395	1.4395	0.240264	0.66882	-1.49517	0.462743	1.27704	1.27704	0.0468648	2.10507	2.10507	2.17847	3.69261	1.50671	1
cg02611466	CUX1;CUX1	0.143272	0.716771	0.906439	-1.10322	0.146461	1.52237	1.52237	0.263306	0.730207	-1.36947	0.744119	1.09233	1.09233	0.0184177	0.462548	-2.16194	0.772069	1.08146	1.08146	0.486383	0.826384	-1.21009	0.184176	0.683977	-1.46204	0.0720298	0.58192	-1.71845	2.17845	2.50823	1.02345	1
cg08051964	SNORD116-18;SNORD116-17;SNORD116-19	0.143273	0.761543	0.925137	-1.08092	0.388111	0.797596	-1.25377	0.176945	1.4433	1.4433	0.684651	1.11003	1.11003	0.497416	1.1926	1.1926	0.187937	1.42866	1.42866	0.903064	0.969329	-1.03164	0.00929326	2.32504	2.32504	0.257873	0.739442	-1.35237	2.17845	2.25525	0.920227	1
cg13136933	LOC283663	0.143274	0.0574386	0.209042	-4.78372	0.0365274	0.170328	-5.87102	0.0691566	0.22739	-4.39772	0.103993	0.273963	-3.65012	0.0287204	0.15271	-6.54836	0.195455	0.368877	-2.71093	0.287623	0.447465	-2.23481	0.55674	0.648604	-1.54177	0.205176	0.37771	-2.64754	2.17844	18.304	7.46876	1
cg20447038	ETV7	0.143279	0.402992	0.76449	-1.30806	0.0111853	2.71176	2.71176	0.0801651	1.83881	1.83881	0.837985	1.06635	1.06635	0.686999	0.880644	-1.13553	0.755039	0.90646	-1.10319	0.455421	1.26941	1.26941	0.230832	0.674075	-1.48352	0.858737	0.945632	-1.05749	2.1784	3.39699	1.38613	1
cg01526210	MIF	0.143283	0.64189	0.927893	-1.07771	0.510804	1.11247	1.11247	0.892482	1.02184	1.02184	0.0351726	1.48005	1.48005	0.0747904	1.37317	1.37317	0.431071	0.879489	-1.13702	0.760511	1.05006	1.05006	0.0235216	1.54074	1.54074	0.217506	1.23037	1.23037	2.17838	0.880935	0.359466	1
cg17183546	D4S234E;D4S234E	0.143283	0.901972	0.981636	-1.01871	0.357971	1.15279	1.15279	0.607703	1.081	1.081	0.1517	1.25989	1.25989	0.613758	1.07956	1.07956	0.424983	1.13037	1.13037	0.0468703	0.71019	-1.40807	0.500581	0.902273	-1.10831	0.0233698	1.50307	1.50307	2.17837	0.780562	0.318509	1
cg07869434	SULT2B1	0.143288	0.0286743	0.268031	-3.73091	0.616158	0.77272	-1.29413	0.156496	0.461538	-2.16667	0.586828	0.755847	-1.32302	0.0128879	0.206989	-4.83116	0.544734	0.731461	-1.36713	0.631738	0.78166	-1.27933	0.0712412	0.357771	-2.79508	0.202338	0.503252	-1.98708	2.17834	8.97799	3.66354	1
cg20420867	PEA15	0.14329	0.614371	0.91565	-1.09212	0.482428	1.13182	1.13182	0.754872	1.05583	1.05583	0.717215	0.93886	-1.06512	0.378063	1.16985	1.16985	0.906681	1.02055	1.02055	0.0146975	0.593973	-1.68358	0.0497433	1.47437	1.47437	0.379672	1.1692	1.1692	2.17833	1.03795	0.423548	1
cg22341788	FLT1;FLT1;FLT1;FLT1	0.143291	0.383206	0.632786	-1.58031	0.252971	0.542785	-1.84235	0.0577524	0.333532	-2.99821	0.139353	0.443017	-2.25725	0.150535	0.454483	-2.2003	0.0932207	2.57285	2.57285	0.34421	0.607364	-1.64646	0.226497	1.91532	1.91532	0.32502	0.594453	-1.68222	2.17832	9.03564	3.68711	1
cg06186992	ZNF423	0.143293	0.0698922	0.248917	-4.01741	0.287257	2.13427	2.13427	0.763418	1.23013	1.23013	0.613789	0.705282	-1.41787	0.242868	0.43235	-2.31294	0.684055	1.32407	1.32407	0.0318833	0.178094	-5.61501	0.0631012	0.238281	-4.19672	0.174121	0.370838	-2.69659	2.1783	16.2408	6.62728	1
cg05886321	SIRT2;SIRT2;RINL	0.143294	0.183114	0.701973	-1.42456	0.928679	1.01946	1.01946	0.0988071	0.635461	-1.57366	0.0697697	0.601688	-1.66199	0.0923551	0.628728	-1.59051	0.502976	0.843421	-1.18565	0.144324	1.48121	1.48121	0.185254	1.42181	1.42181	0.484139	0.836843	-1.19497	2.1783	2.16504	0.883478	1
cg05826626	PSMB9;PSMB9;TAP1	0.143294	0.0669707	0.548832	-1.82205	0.298755	0.730021	-1.36982	0.69572	0.891509	-1.12169	0.584432	0.850977	-1.17512	0.505543	0.820875	-1.21821	0.154802	0.640878	-1.56036	0.496794	0.817434	-1.22334	0.0471182	0.51489	-1.94216	0.00885452	0.377759	-2.64719	2.1783	2.94511	1.2018	1
cg15084499	CDC42BPA;CDC42BPA	0.143298	0.128484	1.32202	1.32202	0.836583	1.03571	1.03571	0.862238	1.02995	1.02995	0.104424	0.739649	-1.35199	0.643594	1.08238	1.08238	0.144345	0.766108	-1.3053	0.616305	1.08963	1.08963	0.332076	1.18532	1.18532	0.0233172	1.58494	1.58494	2.17827	0.995896	0.406397	1
cg24877842	TRAK1;TRAK1	0.143301	0.288652	1.8207	1.8207	0.0299794	4.01062	4.01062	0.078964	2.88969	2.88969	0.598833	1.33481	1.33481	0.123179	0.403134	-2.48056	0.848842	1.10938	1.10938	0.703775	1.23099	1.23099	0.0656266	3.07692	3.07692	0.765564	0.849868	-1.17665	2.17824	10.2093	4.16616	1
cg24220212	RBBP8;RBBP8;RBBP8	0.143303	0.178661	0.510637	-1.95834	0.323678	0.619113	-1.61521	0.814531	0.895354	-1.11688	0.507816	0.729038	-1.37167	0.0327663	0.308849	-3.23783	0.687394	0.82673	-1.20958	0.01631	0.251227	-3.98047	0.522504	1.35645	1.35645	0.0860065	0.409677	-2.44095	2.17823	7.63303	3.11488	1
cg23429847	ISOC1	0.143306	0.446632	2.1252	2.1252	0.674038	0.662903	-1.50852	0.254038	0.314262	-3.18206	0.550289	1.7992	1.7992	0.0708093	0.140598	-7.11249	?	?	?	0.0354763	0.092612	-10.7977	?	?	?	0.274716	3.01757	3.01757	2.21873	25.8133	13.2963	1
cg04406441	RPL34;RPL34;LOC285456	0.143308	0.877772	0.948125	-1.05471	0.56186	0.816275	-1.22508	0.880513	1.05344	1.05344	0.0170208	2.73757	2.73757	0.213321	1.57395	1.57395	0.0583135	0.476861	-2.09705	0.437336	0.760156	-1.31552	0.561375	1.22539	1.22539	0.499116	0.788616	-1.26804	2.1782	4.13276	1.68652	1
cg20560141	LOC338758	0.143308	0.497968	1.14362	1.14362	0.766903	1.0597	1.0597	0.28819	1.23995	1.23995	0.371013	1.19622	1.19622	0.939923	0.985406	-1.01481	0.00364089	2.15386	2.15386	0.608449	1.10604	1.10604	0.699065	1.07871	1.07871	0.407405	0.847642	-1.17974	2.1782	1.31244	0.535588	1
cg25471644	KIF26B	0.143313	0.836046	0.930993	-1.07412	0.0665402	2.03381	2.03381	0.125764	1.77119	1.77119	0.215452	1.56811	1.56811	0.365761	0.725688	-1.378	0.390388	1.35483	1.35483	0.0223202	2.57225	2.57225	0.158176	1.683	1.683	0.124269	1.77587	1.77587	2.17816	4.10712	1.67608	1
cg21497780	WNT5B;WNT5B	0.143314	0.116844	0.48397	-2.06624	0.755153	0.87524	-1.14254	0.319016	0.644883	-1.55067	0.320155	0.645592	-1.54897	0.00924743	0.244838	-4.08433	0.965775	0.981889	-1.01845	0.165305	1.87838	1.87838	0.589837	0.793084	-1.2609	0.276823	0.617662	-1.61901	2.17815	6.25969	2.55453	1
cg12415590	LOC100302652;ASB3;ASB3;CHAC2	0.143316	0.659173	0.932307	-1.07261	0.0458167	1.43552	1.43552	0.0131074	1.6256	1.6256	0.522878	1.10767	1.10767	0.309294	1.18076	1.18076	0.949288	0.990006	-1.0101	0.306816	0.846139	-1.18184	0.81715	1.03725	1.03725	0.212575	1.23038	1.23038	2.17814	0.860292	0.351081	1
cg09142408	RG9MTD2;MTTP;RG9MTD2;RG9MTD2	0.143317	0.243861	0.85565	-1.1687	0.280934	1.15406	1.15406	0.0598795	1.31185	1.31185	0.780008	1.03645	1.03645	0.49853	0.915902	-1.09182	0.177141	0.832433	-1.2013	0.109707	0.80016	-1.24975	0.0661732	0.768363	-1.30147	0.507334	0.917594	-1.08981	2.17813	0.563905	0.230128	1
cg22944122	ORC4L;ORC4L;ORC4L	0.143318	0.054477	0.675787	-1.47976	0.692199	0.931028	-1.07408	0.954262	1.01036	1.01036	0.390844	0.85392	-1.17107	0.603713	0.910232	-1.09862	0.582309	1.10492	1.10492	0.109594	1.36795	1.36795	0.128362	1.34342	1.34342	0.0532107	1.48364	1.48364	2.17812	1.11286	0.454157	1
cg00346236	C1orf31	0.14332	0.274215	0.880109	-1.13622	0.352228	1.11344	1.11344	0.15573	0.84325	-1.18589	0.491501	1.08159	1.08159	0.0252916	1.34789	1.34789	0.430519	0.91364	-1.09452	0.37465	0.902772	-1.1077	0.155257	1.18615	1.18615	0.321885	1.12173	1.12173	2.17811	0.434648	0.17738	1
cg16591304	CASP7;CASP7;CASP7;CASP7	0.14332	0.0627705	1.47358	1.47358	0.192935	1.29064	1.29064	0.845728	0.964572	-1.03673	0.144638	1.33659	1.33659	0.119318	1.36752	1.36752	0.349001	1.19545	1.19545	0.796398	1.04904	1.04904	0.0540212	0.666999	-1.49925	0.201216	1.28394	1.28394	2.17811	1.18278	0.482694	1
cg24795867	WNT5B;WNT5B	0.143322	0.0676558	0.648624	-1.54173	0.210981	1.32142	1.32142	0.317141	1.24444	1.24444	0.7094	0.923889	-1.08238	0.100757	0.683767	-1.46249	0.852605	1.04012	1.04012	0.0575523	1.57488	1.57488	0.996647	0.999112	-1.00089	0.228983	0.765694	-1.306	2.1781	1.54268	0.629574	1
cg09250072	DACT1;DACT1	0.143322	0.0242309	0.642543	-1.55632	0.787325	1.04553	1.04553	0.0205411	0.631634	-1.5832	0.194224	0.797615	-1.25374	0.346619	1.17301	1.17301	0.788855	1.04518	1.04518	0.795143	1.04377	1.04377	0.969188	0.993661	-1.00638	0.980348	0.995953	-1.00406	2.17809	0.935139	0.381634	1
cg06803689	THOC5;THOC5;THOC5;THOC5	0.143324	0.0579501	1.27837	1.27837	0.801781	1.02924	1.02924	0.926858	0.989535	-1.01058	0.183859	1.17532	1.17532	0.81773	1.0268	1.0268	0.126046	0.827241	-1.20884	0.409793	0.907935	-1.1014	0.0247731	1.35828	1.35828	0.769857	0.966946	-1.03418	2.17808	0.452853	0.184812	1
cg24286575	THBS2	0.143325	0.642589	0.915858	-1.09187	0.868987	0.969431	-1.03153	0.416978	0.855554	-1.16883	0.497045	1.13846	1.13846	0.127111	1.36383	1.36383	0.517226	0.883832	-1.13144	0.00822273	1.88853	1.88853	0.441329	0.862723	-1.15912	0.612508	0.908412	-1.10082	2.17807	1.2201	0.497932	1
cg17726655	GRIK5	0.143326	0.0485649	0.353387	-2.82976	0.52906	1.34232	1.34232	0.918548	1.04836	1.04836	0.201143	0.536187	-1.86502	0.013717	0.244887	-4.08351	0.377061	0.658056	-1.51963	0.50352	1.36809	1.36809	0.532844	1.33861	1.33861	0.552836	0.757907	-1.31942	2.17807	7.35247	3.00061	1
cg03303359	LDB3;LDB3;LDB3	0.143327	0.0498868	0.309786	-3.22803	0.137177	0.432188	-2.31381	0.771591	1.16477	1.16477	0.313157	0.578893	-1.72743	0.103049	0.392799	-2.54583	0.991316	1.00572	1.00572	0.0232955	0.241561	-4.13975	0.0567403	0.323039	-3.0956	0.362318	0.612251	-1.63332	2.17806	9.47104	3.86523	1
cg26166935	PHLPP1	0.143328	0.25724	0.588276	-1.69988	0.520739	0.746691	-1.33924	0.166574	0.515909	-1.93833	0.329508	1.57076	1.57076	0.10652	0.453465	-2.20524	0.204578	0.54843	-1.82339	0.243065	0.578022	-1.73004	0.0347997	3.01614	3.01614	0.533569	0.753567	-1.32702	2.17805	6.94573	2.83463	1
cg03612577	SH3BP5L	0.143328	0.125326	0.405624	-2.46534	0.464267	1.49951	1.49951	0.651343	0.780804	-1.28073	0.578833	0.737138	-1.3566	0.0113441	0.178308	-5.60826	0.18403	0.464635	-2.15223	0.111792	0.389873	-2.56494	0.409347	1.58241	1.58241	0.372986	0.608078	-1.64453	2.17805	10.205	4.16478	1
cg07513392	STK32C	0.143333	0.102826	1.59723	1.59723	0.185033	0.691559	-1.44601	0.440459	1.22926	1.22926	0.590932	0.867307	-1.15299	0.865513	0.9565	-1.04548	0.028243	0.506778	-1.97325	0.589313	1.15373	1.15373	0.0951362	0.618081	-1.61791	0.282816	0.746168	-1.34018	2.17801	2.37465	0.96914	1
cg13674885	CILP2	0.143335	0.490975	0.65211	-1.53348	0.56714	0.702223	-1.42405	0.188741	0.426994	-2.34195	0.136081	0.374723	-2.66864	0.256494	0.484897	-2.06229	0.403828	0.593303	-1.68548	0.00449883	0.0988312	-10.1183	0.146711	0.386007	-2.59063	0.224846	0.458816	-2.17952	2.17801	12.8831	5.25784	1
cg13630493	CLTA;CLTA;CLTA	0.143336	0.226902	0.528437	-1.89237	0.174596	2.06677	2.06677	0.920951	1.05117	1.05117	0.946122	1.03456	1.03456	0.0525316	0.330128	-3.02913	0.823372	0.893691	-1.11896	0.0763217	0.371058	-2.69499	0.0380392	0.298473	-3.35039	0.228139	0.529422	-1.88885	2.178	8.71902	3.55843	1
cg09248934	C3orf32	0.143337	0.668896	0.770019	-1.29867	0.0843395	0.313516	-3.18963	0.131442	0.371867	-2.68914	0.937409	1.04886	1.04886	0.0234976	0.19327	-5.1741	0.286666	0.510634	-1.95835	0.424272	0.609136	-1.64167	0.0429059	0.242821	-4.11827	0.0511702	0.259502	-3.85353	2.17799	12.7288	5.19492	1
cg18200261	TM6SF1;TM6SF1	0.14334	0.0621612	0.348886	-2.86626	0.0541237	0.334152	-2.99265	0.0568366	0.339282	-2.9474	0.109372	0.416687	-2.39988	0.123671	0.433353	-2.30759	0.22175	0.525166	-1.90416	0.0331439	0.286791	-3.48685	0.1185	0.427471	-2.33934	0.373557	0.632503	-1.58102	2.17797	8.67463	3.54036	1
cg00806214	RAB11FIP3	0.143341	0.755852	0.901019	-1.10985	0.149571	0.596706	-1.67587	0.779005	0.910273	-1.09857	0.487816	1.2656	1.2656	0.343813	0.721893	-1.38525	0.0520713	0.477841	-2.09275	0.0123814	0.353298	-2.83047	0.164658	0.609322	-1.64117	0.714687	1.13054	1.13054	2.17796	3.85201	1.57212	1
cg09016610	SMYD3;SMYD3	0.143342	0.823831	1.0726	1.0726	0.68668	1.13595	1.13595	0.151504	1.62103	1.62103	0.616976	1.17176	1.17176	0.0266789	0.438016	-2.28302	0.618439	0.853991	-1.17097	0.651815	1.15348	1.15348	0.0285441	0.443876	-2.25288	0.629447	0.858278	-1.16512	2.17795	3.40831	1.39103	1
cg09343667	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.143343	0.0567792	0.367894	-2.71817	0.537867	0.748795	-1.33548	0.138204	0.476978	-2.09653	0.0345251	0.31876	-3.13715	0.919758	0.954342	-1.04784	0.595898	1.28174	1.28174	0.0367307	0.324509	-3.08158	0.690874	1.20368	1.20368	0.190456	0.525703	-1.90221	2.17795	7.41939	3.02809	1
cg12256038	HEATR2;PRKAR1B;PRKAR1B	0.143345	0.212219	0.525807	-1.90184	0.389655	0.649693	-1.53919	0.841774	0.906849	-1.10272	0.985053	1.00921	1.00921	0.0179075	0.244726	-4.0862	0.214125	0.527362	-1.89623	0.0146962	0.230101	-4.34592	0.829527	0.89989	-1.11125	0.194574	0.511044	-1.95678	2.17793	8.25512	3.3692	1
cg24205633	ACN9;ACN9	0.143346	0.66598	0.918324	-1.08894	0.0643611	0.665167	-1.50338	0.091449	0.694442	-1.44001	0.0351982	0.617986	-1.61816	0.0981405	1.4275	1.4275	0.820592	1.04557	1.04557	0.939005	0.985098	-1.01513	0.95888	0.989935	-1.01017	0.588005	1.11328	1.11328	2.17793	1.32768	0.541871	1
cg13145293	DET1;DET1;DET1	0.143349	0.267489	0.741678	-1.34829	0.352608	1.28076	1.28076	0.277405	0.746595	-1.33941	0.374484	0.789916	-1.26596	0.991165	1.00287	1.00287	0.189054	1.43327	1.43327	0.0141028	2.18978	2.18978	0.768866	1.07921	1.07921	0.199916	1.41952	1.41952	2.1779	2.30854	0.94221	1
cg15838288	WNT3A	0.143352	0.0357955	28.2503	28.2503	0.118663	10.1435	10.1435	0.296572	0.227568	-4.39428	0.855828	0.779767	-1.28243	0.493293	0.386114	-2.58991	0.556347	0.443162	-2.25651	0.802746	0.710104	-1.40824	0.935926	1.11625	1.11625	0.0301951	32.6596	32.6596	2.17788	64.5305	26.3377	1
cg03339016	CLTCL1;CLTCL1	0.143353	0.9651	1.00612	1.00612	0.0799818	1.31126	1.31126	0.172763	1.22434	1.22434	0.220692	1.19674	1.19674	0.212696	1.20092	1.20092	0.9966	0.999406	-1.00059	0.0213351	0.679826	-1.47096	0.666655	1.06231	1.06231	0.457567	1.11129	1.11129	2.17787	0.671172	0.273936	1
cg01467419	ZNF57	0.143355	0.654082	1.05044	1.05044	0.601067	0.944065	-1.05925	0.0215271	1.35152	1.35152	0.992124	1.00108	1.00108	0.418212	0.913698	-1.09445	0.357729	1.10871	1.10871	0.0472592	0.780612	-1.28105	0.924473	0.989708	-1.0104	0.191453	1.16287	1.16287	2.17786	0.410601	0.167586	1
cg08511015	RGL3;RGL3	0.143357	0.219813	1.78508	1.78508	0.0168556	3.70446	3.70446	0.641563	1.23436	1.23436	0.724249	1.17243	1.17243	0.0662761	0.396475	-2.52223	0.383006	1.49448	1.49448	0.872218	1.07497	1.07497	0.125462	2.10594	2.10594	0.478918	1.38166	1.38166	2.17785	6.95725	2.83961	1
cg01245776	FAM66E	0.143357	0.0953577	0.372944	-2.68137	0.625268	0.767237	-1.30338	0.965666	0.977096	-1.02344	0.351917	1.67476	1.67476	0.0983111	0.376823	-2.65377	0.134031	0.419016	-2.38655	0.0286206	0.249078	-4.01481	0.0608017	0.320548	-3.11966	0.256677	0.528723	-1.89135	2.17784	9.99459	4.07931	1
cg07554966	FAM86D	0.143359	0.141518	0.78104	-1.28034	0.340069	0.85753	-1.16614	0.17572	1.25241	1.25241	0.317078	0.850718	-1.17548	0.228462	1.21846	1.21846	0.482167	0.894343	-1.11814	0.0172276	0.635317	-1.57402	0.281169	0.839377	-1.19136	0.587109	0.91786	-1.08949	2.17783	0.842852	0.344013	1
cg14832998	PTPRN2;PTPRN2;PTPRN2	0.143359	0.206989	0.582491	-1.71677	0.637614	0.824747	-1.21249	0.20119	0.577998	-1.73011	0.19618	0.574054	-1.742	0.0611471	0.424481	-2.35582	0.780136	1.12035	1.12035	0.33475	1.49778	1.49778	0.0369508	2.67503	2.67503	0.835648	0.919097	-1.08802	2.17783	5.68835	2.32172	1
cg02606403	LOC100132215	0.143359	0.83911	1.22647	1.22647	0.0264877	14.0353	14.0353	0.0883086	6.6088	6.6088	0.23784	3.46127	3.46127	0.420792	2.28387	2.28387	0.523843	1.91302	1.91302	0.308852	2.8794	2.8794	0.0106791	25.0951	25.0951	0.351768	2.61761	2.61761	2.17783	34.7792	14.1953	1
cg10735454	PARK2;PARK2;PARK2	0.143359	0.489268	1.2203	1.2203	0.0701662	0.563392	-1.77496	0.0804871	0.577242	-1.73238	0.183516	0.67035	-1.49176	0.847399	0.946858	-1.05612	0.603557	0.862009	-1.16008	0.13358	1.58189	1.58189	0.113588	1.62902	1.62902	0.377055	0.773437	-1.29293	2.17783	2.7709	1.13095	1
cg25341712	MECR;MECR	0.143363	0.745791	1.25455	1.25455	0.0839085	0.26358	-3.79392	0.233313	0.418448	-2.38978	0.0382492	5.33447	5.33447	0.227765	0.413684	-2.4173	0.500488	0.620798	-1.61083	0.328148	0.49477	-2.02114	0.141007	3.01549	3.01549	0.859755	1.13122	1.13122	2.1778	16.7636	6.84222	1
cg14962197	LGALS14;LGALS14	0.143364	0.153656	0.449405	-2.22516	0.0350096	0.276318	-3.61902	0.0342046	0.274231	-3.64657	0.698876	0.815847	-1.22572	0.204924	0.496427	-2.0144	0.413831	0.645716	-1.54867	0.0546204	0.319336	-3.1315	0.0904986	0.376591	-2.6554	0.699071	1.22555	1.22555	2.1778	9.45557	3.85938	1
cg00472029	ZIC5	0.143365	0.478218	0.547837	-1.82536	0.702931	0.72629	-1.37686	0.13783	3.79501	3.79501	0.95109	0.950091	-1.05253	0.009261	0.0635267	-15.7414	0.688181	1.40034	1.40034	0.333775	0.43515	-2.29806	0.259872	2.66697	2.66697	0.547872	0.601968	-1.66122	2.17779	24.027	9.80688	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02875089	C17orf105	0.143365	0.622089	0.907512	-1.10191	0.121782	0.72062	-1.38769	0.0170586	0.566609	-1.76489	0.123919	0.722186	-1.38469	0.496194	0.873745	-1.1445	0.459098	1.15865	1.15865	0.408509	1.17955	1.17955	0.0737343	0.677463	-1.47609	0.953627	0.988704	-1.01142	2.17779	1.3161	0.537182	1
cg02340856	SEC61A1	0.143366	0.492261	1.4077	1.4077	0.697471	0.825694	-1.2111	0.497237	0.713256	-1.40202	0.333878	1.63015	1.63015	0.024353	0.268308	-3.72706	0.0779216	2.6129	2.6129	0.274617	0.572742	-1.74599	?	?	?	0.514913	1.38232	1.38232	2.19597	7.43155	3.38417	1
cg14496983	RNASE4;ANG	0.143366	0.933723	1.03029	1.03029	0.975949	0.989243	-1.01087	0.084524	0.504319	-1.98287	0.951861	1.0219	1.0219	0.209252	0.621995	-1.60773	0.998277	0.999225	-1.00078	0.0932948	0.51566	-1.93926	0.0253554	2.59506	2.59506	0.381644	1.37977	1.37977	2.17778	4.43945	1.81202	1
cg00446413	DPP6;DPP6	0.14337	0.672453	0.948527	-1.05427	0.0924476	1.25875	1.25875	0.114306	1.23794	1.23794	0.621114	0.939964	-1.06387	0.964212	0.99444	-1.00559	0.551015	0.927779	-1.07784	0.0304612	0.729027	-1.37169	0.883174	1.01844	1.01844	0.103501	0.8015	-1.24766	2.17775	0.532616	0.217397	1
cg00324733	NUCB2;NUCB2	0.143377	0.911798	0.980072	-1.02033	0.922342	0.982443	-1.01787	0.204615	1.27527	1.27527	0.680374	1.07815	1.07815	0.778596	0.950087	-1.05254	0.976831	1.00529	1.00529	0.00778014	1.86037	1.86037	0.762743	0.946486	-1.05654	0.0460984	1.51464	1.51464	2.1777	1.13815	0.464567	1
cg11005651	TNXB	0.14338	0.996424	0.998737	-1.00126	0.0935294	0.594501	-1.68208	0.233034	0.702888	-1.4227	0.968539	1.01118	1.01118	0.0735359	0.56978	-1.75506	0.234252	0.703596	-1.42127	0.327592	1.32966	1.32966	0.02268	0.463409	-2.15792	0.466921	1.2321	1.2321	2.17768	2.74155	1.11905	1
cg20751795	ZNF586	0.143385	0.85595	0.929509	-1.07584	0.702373	1.16701	1.16701	0.393422	1.42144	1.42144	0.0133878	0.29165	-3.42877	0.076372	0.452452	-2.21018	0.589537	0.803238	-1.24496	0.150612	0.538088	-1.85843	0.378924	0.6955	-1.43781	0.362136	1.45761	1.45761	2.17764	5.58099	2.2781	1
cg15456646	PPM1A;PPM1A;PPM1A	0.143387	0.787286	1.08389	1.08389	0.170292	1.54495	1.54495	0.185781	1.51874	1.51874	0.854899	0.946935	-1.05604	0.232439	0.688681	-1.45205	0.94465	1.0209	1.0209	0.00706588	2.82051	2.82051	0.447844	1.25911	1.25911	0.910791	0.967168	-1.03395	2.17763	3.0597	1.24894	1
cg14097855	FAM120AOS;FAM120AOS;FAM120A	0.143394	0.599457	1.28776	1.28776	0.815817	0.894736	-1.11765	0.475947	0.707279	-1.41387	0.498161	1.38886	1.38886	0.0270981	0.277817	-3.59949	?	?	?	0.532188	0.739243	-1.35273	0.0432848	3.10368	3.10368	0.420479	1.48219	1.48219	2.30953	7.22906	2.73884	1
cg15440512	SPNS2	0.143397	0.315783	0.668407	-1.49609	0.027842	2.74461	2.74461	0.412298	1.38484	1.38484	0.848873	0.928582	-1.07691	0.0372824	0.391047	-2.55724	0.710463	0.865165	-1.15585	0.198912	0.590221	-1.69428	0.467499	0.750402	-1.33262	0.947169	1.02607	1.02607	2.17756	5.20279	2.1238	1
cg07042007	ZFYVE28	0.143397	0.149655	0.286007	-3.49641	0.574354	1.58383	1.58383	0.631825	1.47875	1.47875	0.52932	0.596666	-1.67598	0.0421061	0.149929	-6.66981	0.10126	0.233616	-4.28053	0.173604	0.309388	-3.23219	0.0378009	0.142003	-7.04213	0.0996826	0.231747	-4.31505	2.17756	22.6456	9.24401	1
cg27426220	EPHA1	0.143398	0.218228	5.43519	5.43519	0.244771	4.90589	4.90589	0.0843395	12.132	12.132	0.256353	4.70508	4.70508	0.0421941	21.312	21.312	0.616118	1.93623	1.93623	0.038671	22.8761	22.8761	0.0350567	24.776	24.776	0.0798647	12.6855	12.6855	2.17755	58.9241	24.0531	1
cg14442421	SLC24A2	0.143402	0.40041	1.29481	1.29481	0.562799	0.83894	-1.19198	0.0783849	1.79838	1.79838	0.0791287	0.557043	-1.79519	0.135974	1.61972	1.61972	0.586691	0.848094	-1.17911	0.503408	1.22608	1.22608	0.794844	0.924764	-1.08136	0.0437261	2.00544	2.00544	2.17752	3.10711	1.26836	1
cg14331316	SLC35D2	0.143402	0.054775	0.301423	-3.3176	0.712695	1.22582	1.22582	0.484587	0.676373	-1.47847	0.708116	0.812986	-1.23003	0.014301	0.189577	-5.27489	0.380037	0.609131	-1.64168	0.196953	0.471917	-2.11902	0.32172	1.75693	1.75693	0.147874	0.425427	-2.35058	2.17752	10.4516	4.26648	1
cg19545621	FAM119A;FAM119A	0.143407	0.197616	0.752902	-1.32819	0.0162628	0.542036	-1.8449	0.744286	0.934063	-1.07059	0.719504	1.07805	1.07805	0.547303	1.13533	1.13533	0.661037	1.09632	1.09632	0.281653	0.792009	-1.26261	0.0644907	1.54163	1.54163	0.979925	0.99477	-1.00526	2.17749	1.49785	0.611449	1
cg13474527	KDM4D;CWC15;CWC15	0.143409	0.1931	0.758612	-1.3182	0.260582	1.26537	1.26537	0.0133961	1.84844	1.84844	0.26184	0.790812	-1.26452	0.265452	1.2621	1.2621	0.693252	1.08277	1.08277	0.816381	1.04776	1.04776	0.977683	0.994405	-1.00563	0.150838	1.36183	1.36183	2.17747	1.38755	0.566427	1
cg03935432	SIGIRR;SIGIRR	0.143412	0.981569	0.99001	-1.01009	0.0420811	2.76763	2.76763	0.571854	1.28184	1.28184	0.0893921	2.25705	2.25705	0.0139033	3.74649	3.74649	0.27744	1.63384	1.63384	0.639789	1.22736	1.22736	0.492874	0.73882	-1.35351	0.835375	0.913523	-1.09466	2.17745	6.51491	2.65954	1
cg10535858	NAB2	0.143413	0.122921	0.566118	-1.76642	0.853318	0.939662	-1.06421	0.486622	1.269	1.269	0.0615027	0.485996	-2.05763	0.978532	0.990994	-1.00909	0.140865	0.583589	-1.71353	0.0117814	0.334175	-2.99244	0.865887	0.944748	-1.05848	0.974514	0.989317	-1.0108	2.29233	4.01736	1.36307	1
cg10566332	COL4A2	0.143415	0.17914	0.758265	-1.3188	0.0680125	0.672794	-1.48634	0.0363098	0.623788	-1.60311	0.834306	1.04145	1.04145	0.947058	1.01296	1.01296	0.702166	1.07735	1.07735	0.0579259	1.5154	1.5154	0.543411	0.88757	-1.12667	0.950759	1.01205	1.01205	2.17743	1.2967	0.529348	1
cg16008631	RPH3AL	0.143416	0.216449	0.706388	-1.41565	0.642682	0.882621	-1.13299	0.912722	1.02973	1.02973	0.33674	1.30302	1.30302	0.637516	1.13523	1.13523	0.655634	0.886965	-1.12744	0.00614978	2.59919	2.59919	0.413591	0.799821	-1.25028	0.780608	1.07747	1.07747	2.17743	2.46283	1.0054	1
cg11769606	ARSB;ARSB;ARSB	0.143425	0.490342	1.12694	1.12694	0.0357325	1.51716	1.51716	0.358425	1.17478	1.17478	0.426243	0.870598	-1.14864	0.172189	1.28128	1.28128	0.761844	1.05321	1.05321	0.046288	0.677462	-1.4761	0.838215	0.965729	-1.03549	0.288976	0.828823	-1.20653	2.17736	1.00329	0.409583	1
cg05192472	NUP62CL;CXorf41;NUP62CL;CXorf41	0.143425	0.0582917	0.150359	-6.65075	0.782935	1.27703	1.27703	0.813506	0.811186	-1.23276	0.671773	0.685647	-1.45848	0.243676	0.339544	-2.94512	0.119623	0.224174	-4.46081	0.826225	0.823083	-1.21494	0.0219218	11.4114	11.4114	0.752192	1.32378	1.32378	2.17736	27.0388	11.0384	1
cg11398031	C19orf48;SNORD88B;C19orf48	0.143429	0.753455	0.904159	-1.106	0.227903	0.667174	-1.49886	0.314424	0.717023	-1.39466	0.928793	1.02899	1.02899	0.344348	0.732384	-1.3654	0.55736	1.20895	1.20895	0.00471023	0.300946	-3.32286	0.154864	0.614573	-1.62715	0.63165	0.856889	-1.16701	2.17733	3.52575	1.43938	1
cg27032352	C21orf94	0.143431	0.0582432	0.300872	-3.32367	0.0400487	0.264053	-3.78711	0.0659312	0.314178	-3.18291	0.421296	0.630643	-1.58568	0.0249579	0.223761	-4.46905	0.994525	0.996157	-1.00386	0.287554	0.538129	-1.85829	0.127846	0.396999	-2.5189	0.339483	0.575524	-1.73755	2.17731	10.8595	4.43339	1
cg16020556	ERAP1;ERAP1	0.143432	0.241286	1.86504	1.86504	0.0894714	2.58937	2.58937	0.130584	2.29241	2.29241	0.235593	1.88063	1.88063	0.193254	2.0129	2.0129	0.368765	1.59851	1.59851	0.022635	4.00223	4.00223	0.0374627	3.4104	3.4104	0.0518832	3.07727	3.07727	2.17731	8.90365	3.63492	1
cg12552766	TDRD3;TDRD3;TDRD3	0.143435	0.157153	0.767128	-1.30356	0.930148	0.984755	-1.01548	0.885552	1.02556	1.02556	0.277206	0.820354	-1.21899	0.284102	0.82285	-1.21529	0.744776	0.944371	-1.05891	0.0642375	1.43958	1.43958	0.0569058	0.685537	-1.45871	0.113012	1.35288	1.35288	2.17728	1.05873	0.432231	1
cg25363336	MYO10	0.143436	0.0598072	7.53551	7.53551	0.452521	2.07047	2.07047	0.596966	1.66105	1.66105	0.137243	4.58212	4.58212	0.0729928	6.697	6.697	0.196245	3.66739	3.66739	0.0370687	9.99617	9.99617	0.0416638	9.32899	9.32899	0.0659899	7.1095	7.1095	2.17728	31.1831	12.7307	1
cg22609522	LOC730668	0.143437	0.0924991	0.480592	-2.08077	0.127381	1.92022	1.92022	0.674444	1.18199	1.18199	0.965486	0.983021	-1.01727	0.106151	0.497398	-2.01046	0.678697	1.17923	1.17923	0.0266636	0.353643	-2.82771	0.699885	1.16567	1.16567	0.336487	0.67557	-1.48023	2.17728	5.40099	2.20499	1
cg00032036	PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.143437	0.163184	0.82394	-1.21368	0.218022	1.18364	1.18364	0.197192	1.19409	1.19409	0.646146	1.062	1.062	0.414155	1.11473	1.11473	0.366523	1.12829	1.12829	0.021775	0.698867	-1.43089	0.993006	1.00114	1.00114	0.219118	1.18312	1.18312	2.17727	0.583785	0.238335	1
cg08684535	BANP;BANP	0.143437	0.021681	0.480929	-2.07931	0.253259	0.728416	-1.37284	0.047561	0.547813	-1.82544	0.0688677	0.582331	-1.71724	0.996668	1.00111	1.00111	0.0718089	0.586377	-1.70539	0.440663	0.811532	-1.23224	0.818509	0.940785	-1.06294	0.116115	0.635391	-1.57383	2.17727	2.43208	0.992917	1
cg27053692	HMGN4	0.143438	0.161301	0.707616	-1.4132	0.987605	0.996415	-1.0036	0.865583	1.03995	1.03995	0.72264	0.92091	-1.08588	0.309789	0.78428	-1.27506	0.659894	1.10781	1.10781	0.00499337	0.423584	-2.36081	0.472451	1.18407	1.18407	0.899703	1.02958	1.02958	2.17727	1.84312	0.752472	1
cg25695424	RASA3	0.14344	0.690301	0.908848	-1.10029	0.697402	0.910968	-1.09773	0.00721438	0.43715	-2.28754	0.706639	0.91372	-1.09443	0.0666438	0.612161	-1.63356	0.736624	1.08389	1.08389	0.27958	1.30768	1.30768	0.952219	1.0144	1.0144	0.594677	0.879716	-1.13673	2.17725	1.96379	0.801741	1
cg06872770	LOC388588;CCDC27	0.143441	0.176557	0.563587	-1.77435	0.172445	0.560107	-1.78537	0.0103101	0.275233	-3.63328	0.755668	0.882858	-1.13269	0.0422429	0.393017	-2.54442	0.553537	0.787242	-1.27026	0.410357	0.714595	-1.39939	0.52855	1.29027	1.29027	0.995279	0.997641	-1.00236	2.17724	5.4937	2.24288	1
cg12818699	FAM65B;FAM65B;FAM65B	0.143444	0.298108	1.35237	1.35237	0.120627	1.60179	1.60179	0.732756	1.10067	1.10067	0.608228	1.15569	1.15569	0.543244	0.841802	-1.18793	0.306518	1.34485	1.34485	0.0260792	2.09374	2.09374	0.0162738	2.27572	2.27572	0.206719	1.45164	1.45164	2.17722	2.70082	1.10266	1
cg07261473	SLC39A10;SLC39A10;SLC39A10	0.143451	?	?	?	0.0839489	1.79081	1.79081	0.647594	1.14817	1.14817	0.11939	1.67081	1.67081	0.0409698	0.484999	-2.06186	0.475876	0.804137	-1.24357	?	?	?	0.677697	1.13366	1.13366	0.719933	0.897583	-1.1141	2.32997	2.52722	1.08466	1
cg25613667	WDR55	0.143457	0.126384	3.94016	3.94016	0.505064	1.74244	1.74244	?	?	?	0.405124	0.496485	-2.01416	0.427487	0.513878	-1.94599	0.601401	1.54088	1.54088	0.0158457	12.1927	12.1927	0.944533	0.944595	-1.05865	0.234767	0.35786	-2.79439	2.30902	21.3543	8.09221	1
cg03260991	LOC100128573	0.143462	0.0477268	0.62541	-1.59895	0.0916241	1.46972	1.46972	0.675379	0.916389	-1.09124	0.847128	1.04082	1.04082	0.027938	0.583651	-1.71335	0.629617	1.10599	1.10599	0.61694	0.900732	-1.11021	0.701492	0.92326	-1.08312	0.208393	0.759609	-1.31647	2.17709	1.48192	0.605058	1
cg07685947	CNOT6L	0.143464	0.504171	0.925957	-1.07996	0.551731	1.07073	1.07073	0.552793	0.934119	-1.07053	0.917043	0.988245	-1.0119	0.00780279	1.47348	1.47348	0.742701	0.963303	-1.0381	0.750672	0.964466	-1.03684	0.194335	0.855702	-1.16863	0.200631	1.16581	1.16581	2.17708	0.444141	0.18134	1
cg18813989	NVL;NVL	0.143465	0.0349703	0.565009	-1.76988	0.18839	1.3824	1.3824	0.0744566	1.58684	1.58684	0.423706	0.82709	-1.20906	0.297082	1.28553	1.28553	0.838991	0.953831	-1.0484	0.220402	0.741298	-1.34899	0.691173	0.911399	-1.09721	0.345768	1.25308	1.25308	2.17707	1.86131	0.759965	1
cg12115087	EXOC4	0.143468	0.67878	0.939851	-1.064	0.21371	0.822809	-1.21535	0.183233	0.8103	-1.23411	0.98909	1.00204	1.00204	0.423522	0.885358	-1.12949	0.843236	1.02993	1.02993	0.0095572	1.63045	1.63045	0.36218	1.14972	1.14972	0.533827	1.09841	1.09841	2.17705	0.765077	0.31238	1
cg04032292	CBFA2T3;CBFA2T3	0.143468	0.698946	0.885069	-1.12986	0.0493436	2.02333	2.02333	0.854749	0.944056	-1.05926	0.335337	0.731894	-1.36632	0.468053	0.792979	-1.26107	0.785043	1.08969	1.08969	0.114028	0.582687	-1.71619	0.114904	1.71357	1.71357	0.0721773	0.532355	-1.87845	2.17705	3.40301	1.38945	1
cg03179542	IQCE;IQCE	0.14347	0.0161391	0.207291	-4.82414	0.970594	0.980486	-1.0199	0.938724	1.04196	1.04196	0.0378956	0.276111	-3.62173	0.151029	0.439257	-2.27657	0.507727	0.69819	-1.43228	0.868657	0.915322	-1.09251	0.141517	0.429479	-2.3284	0.0818734	0.35674	-2.80316	2.17704	9.85474	4.02371	1
cg14525247	MIR219-2	0.14347	0.182657	0.612586	-1.63242	0.0111167	0.331845	-3.01345	0.137884	0.574851	-1.73958	0.508124	0.792435	-1.26193	0.209	0.631972	-1.58235	0.513504	0.794837	-1.25812	0.443728	0.762926	-1.31074	0.0518515	0.464547	-2.15263	0.459148	1.29848	1.29848	2.17703	4.14038	1.69053	1
cg19628164	C3orf58	0.143477	0.314357	0.852702	-1.17274	0.812705	0.964302	-1.03702	0.654878	0.933417	-1.07133	0.392648	1.14352	1.14352	0.307497	0.85063	-1.1756	0.994256	1.0011	1.0011	0.0103321	0.609698	-1.64016	0.211892	1.22311	1.22311	0.236035	1.20945	1.20945	2.17698	0.808652	0.330182	1
cg13272546	SEZ6;SEZ6	0.14348	0.377208	0.705873	-1.41669	0.015689	0.320319	-3.12189	0.0197152	0.338693	-2.95252	0.662465	0.844641	-1.18394	0.422987	0.730079	-1.36972	0.65891	1.18621	1.18621	0.78468	1.11102	1.11102	0.4717	0.754708	-1.32502	0.547952	1.26329	1.26329	2.17696	5.09489	2.08032	1
cg04152326	TPO;TPO;TPO;TPO	0.143481	0.599644	1.19376	1.19376	0.999526	0.999801	-1.0002	0.43941	0.768221	-1.30171	0.105611	0.55371	-1.806	0.154205	0.600491	-1.66531	0.544999	0.814784	-1.22732	0.068943	0.506334	-1.97498	0.00900995	0.329473	-3.03515	0.582476	0.830559	-1.20401	2.17696	3.85477	1.57397	1
cg11218434	SNORA31;TPT1	0.143482	0.468471	0.628638	-1.59074	0.0895657	0.307925	-3.24755	0.15008	0.378716	-2.6405	0.454838	1.61457	1.61457	0.932191	1.05502	1.05502	0.744055	0.813694	-1.22896	0.301282	0.509665	-1.96207	0.0183898	6.05056	6.05056	0.642264	1.34233	1.34233	2.17695	13.6547	5.57545	1
cg27008843	SPPL2B;SPPL2B	0.143484	0.459548	1.26802	1.26802	0.00729285	2.9776	2.9776	0.140359	1.64902	1.64902	0.448679	1.27566	1.27566	0.993066	1.00274	1.00274	0.727725	1.11652	1.11652	0.41649	0.769621	-1.29934	0.0809499	1.84079	1.84079	0.392885	1.31784	1.31784	2.17694	3.42822	1.39981	1
cg04260891	RHBDD2;RHBDD2	0.143484	0.192377	0.315892	-3.16564	0.0475996	6.63371	6.63371	0.393131	2.0763	2.0763	0.856758	1.16288	1.16288	0.0248815	0.107552	-9.2978	0.394915	0.483017	-2.07032	0.317449	0.421867	-2.37041	0.7517	0.76713	-1.30356	0.541651	0.596911	-1.67529	2.17694	24.0484	9.81947	1
cg05570053	SAMD14	0.143488	0.0984783	0.716862	-1.39497	0.662307	0.922444	-1.08408	0.136493	1.34272	1.34272	0.77259	0.948162	-1.05467	0.0729933	0.69256	-1.44392	0.589016	1.10539	1.10539	0.102239	1.38892	1.38892	0.107914	0.724519	-1.38023	0.564761	0.89859	-1.11286	2.17691	1.1635	0.475087	1
cg20482364	NACA;NACA;NACA;NACA	0.143488	0.0226059	0.59924	-1.66878	0.8161	0.957244	-1.04467	0.550947	1.11982	1.11982	0.196711	1.29178	1.29178	0.17779	0.764438	-1.30815	0.415314	0.855409	-1.16903	0.125635	0.732801	-1.36463	0.247444	1.25461	1.25461	0.531613	1.1262	1.1262	2.17691	1.21302	0.495309	1
cg09335613	OGFRL1	0.143489	0.232295	0.355055	-2.81647	0.882914	1.12955	1.12955	0.624625	1.50329	1.50329	0.732581	0.753125	-1.3278	0.022578	0.104616	-9.5588	0.0568817	0.168405	-5.93807	0.0610096	0.174577	-5.72813	0.187138	0.314818	-3.17644	0.118162	0.246	-4.06505	2.1769	23.5593	9.61991	1
cg14111132	ATP2B3;ATP2B3	0.143489	0.269706	1.50125	1.50125	0.169151	1.67836	1.67836	0.203685	0.622346	-1.60682	0.0859151	1.95596	1.95596	0.0426532	0.438245	-2.28183	0.549166	1.23894	1.23894	0.301724	0.685074	-1.4597	0.422299	0.748448	-1.3361	0.755133	0.895302	-1.11694	2.1769	4.30833	1.75921	1
cg15781363	MICAL3;MICAL3;MICAL3	0.14349	0.158778	1.20129	1.20129	0.311482	1.13597	1.13597	0.940096	1.00919	1.00919	0.427783	1.1036	1.1036	0.703383	0.95449	-1.04768	0.016983	0.70157	-1.42537	0.155974	0.831264	-1.20299	0.238338	1.16227	1.16227	0.764696	1.03722	1.03722	2.17689	0.511105	0.208699	1
cg06417478	HOOK2;HOOK2	0.143497	0.279992	0.46691	-2.14174	0.158372	2.78045	2.78045	0.0104994	0.112596	-8.88128	0.813096	0.851612	-1.17424	0.25168	0.443916	-2.25268	0.61556	0.709383	-1.40968	0.55813	0.669223	-1.49427	0.459932	1.66568	1.66568	0.180723	0.381425	-2.62175	2.17685	15.8559	6.47455	1
cg01906733	UBE2QL1	0.143503	0.54374	1.21738	1.21738	0.0775159	1.87392	1.87392	0.00802355	2.96602	2.96602	0.176029	1.58479	1.58479	0.273645	0.694464	-1.43996	0.830316	1.0711	1.0711	0.523082	1.23017	1.23017	0.4112	1.30859	1.30859	0.641857	1.16174	1.16174	2.1768	3.5317	1.44216	1
cg24109739	LRP5	0.143505	0.0434601	0.204422	-4.89184	0.034575	0.185484	-5.39129	0.251721	0.441029	-2.26743	0.194139	0.390951	-2.55787	0.0327221	0.181184	-5.51925	0.101777	0.293871	-3.40286	0.103534	0.296052	-3.37778	0.303331	0.482438	-2.07281	0.164134	0.362414	-2.75927	2.17679	16.1143	6.58025	1
cg23335390	OSBPL8;OSBPL8	0.143505	0.076216	0.714241	-1.40009	0.0200611	1.61377	1.61377	0.400944	0.863586	-1.15796	0.233991	0.808286	-1.23719	0.460779	0.87977	-1.13666	0.619723	0.918203	-1.08908	0.171872	0.780284	-1.28158	0.401415	0.863719	-1.15778	0.453711	0.877921	-1.13905	2.17679	1.00325	0.409677	1
cg06144381	IER2	0.143512	0.270033	1.25026	1.25026	0.030002	1.64286	1.64286	0.26699	1.25219	1.25219	0.496585	1.14367	1.14367	0.049064	1.54796	1.54796	0.429996	1.1696	1.1696	0.0479181	1.55238	1.55238	0.0686261	1.48643	1.48643	0.0606515	1.50882	1.50882	2.17674	1.3038	0.532418	1
cg19793598	RAB6B	0.143515	0.0323989	2.88957	2.88957	0.201596	1.77052	1.77052	0.529996	0.763752	-1.30933	0.142095	1.95152	1.95152	0.13708	0.507417	-1.97077	0.587864	1.26086	1.26086	0.202861	0.565809	-1.76738	0.989539	0.994461	-1.00557	0.221501	1.72354	1.72354	2.17671	6.18684	2.52647	1
cg07165525	TMED7-TICAM2;TICAM2;TMED7-TICAM2	0.143518	0.0467509	0.568792	-1.75811	0.776234	1.07317	1.07317	0.91025	1.02834	1.02834	0.632349	0.887405	-1.12688	0.463002	0.830991	-1.20338	0.00689414	0.420285	-2.37934	0.781879	0.933529	-1.0712	0.516489	1.17706	1.17706	0.587654	0.873123	-1.14531	2.17669	2.11728	0.864626	1
cg17349025	UBE2CBP	0.14352	0.302033	0.797351	-1.25415	0.11825	0.698217	-1.43222	0.0894397	0.672594	-1.48678	0.993514	1.00172	1.00172	0.0295828	0.581276	-1.72035	0.0445594	0.613525	-1.62992	0.125196	0.703625	-1.42121	0.827863	0.954925	-1.0472	0.0610193	0.63943	-1.56389	2.17668	1.54645	0.631522	1
cg08234897	RHEB	0.143522	0.813993	1.0953	1.0953	0.116635	0.517656	-1.93179	0.169467	0.5682	-1.75994	0.942068	0.972321	-1.02847	0.885708	1.05712	1.05712	0.910858	1.0442	1.0442	0.0408014	2.48929	2.48929	0.0343118	2.59506	2.59506	0.946168	1.02642	1.02642	2.17667	5.14237	2.1	1
cg03080820	ZNF333	0.143522	0.955369	1.02969	1.02969	?	?	?	0.995149	0.996827	-1.00318	0.608615	0.763395	-1.30994	?	?	?	0.320858	0.584985	-1.70945	0.704934	1.22003	1.22003	0.00579934	0.151197	-6.6139	0.986655	0.991295	-1.00878	2.21709	7.46319	3.84709	1
cg04021502	TERT;TERT	0.143527	0.223908	1.41079	1.41079	0.152359	1.51126	1.51126	0.636795	0.879756	-1.13668	0.142456	1.52908	1.52908	0.518622	1.19274	1.19274	0.125504	0.639801	-1.56299	0.247242	0.721902	-1.38523	0.0458499	0.539828	-1.85244	0.898157	0.966098	-1.03509	2.17663	2.50098	1.02135	1
cg11662891	GCLM	0.143527	0.812981	1.05023	1.05023	0.662451	0.913172	-1.09508	0.248959	0.779434	-1.28298	0.161049	1.36282	1.36282	0.773927	1.06136	1.06136	0.408444	0.839593	-1.19105	0.00876143	0.501362	-1.99457	0.89691	1.02717	1.02717	0.321516	1.23588	1.23588	2.17663	1.47409	0.601985	1
cg10269548	RASL11B	0.143527	0.432503	1.27248	1.27248	0.0584749	1.90239	1.90239	0.446678	1.2628	1.2628	0.737183	1.10663	1.10663	0.605835	0.855053	-1.16952	0.0904905	1.75263	1.75263	0.040574	0.490961	-2.03682	0.333415	0.740716	-1.35005	0.392221	1.30172	1.30172	2.17663	3.11967	1.27401	1
cg13793782	RALGDS;RALGDS	0.143527	0.344801	1.39956	1.39956	0.99601	0.998274	-1.00173	0.190213	1.61488	1.61488	0.110918	1.82209	1.82209	0.433502	0.758737	-1.31798	0.573934	0.821795	-1.21685	0.06276	0.485129	-2.06131	0.162022	0.59703	-1.67496	0.104637	1.84549	1.84549	2.17663	4.11411	1.68012	1
cg13443733	RAP1GAP2;RAP1GAP2	0.143527	0.23376	1.47124	1.47124	0.0217155	2.34489	2.34489	0.705875	1.12442	1.12442	0.809171	1.0777	1.0777	0.469093	0.796273	-1.25585	0.0405988	2.07778	2.07778	0.356584	1.34081	1.34081	0.049943	1.99673	1.99673	0.912835	0.9667	-1.03445	2.17663	3.29779	1.34675	1
cg04451570	PLAC9	0.143529	0.516985	0.783667	-1.27605	0.120261	1.86883	1.86883	0.24204	1.57511	1.57511	0.0987732	1.95741	1.95741	0.0946907	0.505862	-1.97682	0.560743	1.2439	1.2439	0.0623483	0.459136	-2.178	0.537107	0.793039	-1.26097	0.946239	1.02534	1.02534	2.17661	4.74576	1.93808	1
cg06095115	CLEC3A	0.143531	0.183873	0.482671	-2.0718	0.00563743	0.153031	-6.53462	0.0797508	0.366172	-2.73096	0.796238	0.874854	-1.14305	0.227423	0.519606	-1.92454	0.268504	0.551305	-1.81388	0.238314	0.528262	-1.893	0.201145	0.497816	-2.00877	0.662005	0.796703	-1.25517	2.1766	9.20261	3.7582	1
cg19721087	LIN28B	0.143532	0.208996	0.687308	-1.45495	0.439104	0.799765	-1.25037	0.272926	1.38138	1.38138	0.0669879	0.559131	-1.78849	0.0176944	0.441819	-2.26337	0.829104	1.06312	1.06312	0.125857	0.625651	-1.59834	0.180065	0.668244	-1.49646	0.78739	0.926314	-1.07955	2.17659	2.76368	1.12864	1
cg24672685	FAM107A;FAM107A	0.143532	0.752611	1.17766	1.17766	0.00843576	5.69503	5.69503	0.0247772	3.9832	3.9832	0.583529	1.33153	1.33153	0.49004	1.43706	1.43706	0.433846	1.51134	1.51134	0.116816	2.41366	2.41366	0.416716	1.53609	1.53609	0.445524	1.49508	1.49508	2.17659	9.21948	3.7651	1
cg27048684	KIAA0556	0.143532	0.198564	0.410248	-2.43755	0.148277	0.361697	-2.76475	0.406301	0.572856	-1.74564	0.877134	1.10678	1.10678	0.0512465	0.233237	-4.28748	0.133168	0.345618	-2.89337	0.0718479	0.267702	-3.7355	0.180218	0.393273	-2.54276	0.129076	2.93162	2.93162	2.17659	14.825	6.05434	1
cg03862380	HNF4A;HNF4A;HNF4A;HNF4A;HNF4A;HNF4A	0.143535	0.156406	1.45497	1.45497	0.920782	0.975696	-1.02491	0.0301582	0.532269	-1.87875	0.135523	0.67171	-1.48874	0.508143	0.847005	-1.18063	0.516569	0.84987	-1.17665	0.128025	1.50225	1.50225	0.195415	0.712697	-1.40312	0.594027	1.14233	1.14233	2.17657	2.10897	0.861283	1
cg13718003	FAM78A	0.143537	0.305105	1.24396	1.24396	0.725767	1.07507	1.07507	0.00950846	0.509008	-1.9646	0.830568	0.956909	-1.04503	0.85799	1.0375	1.0375	0.131385	0.715481	-1.39766	0.503221	1.14987	1.14987	0.380546	1.20309	1.20309	0.331731	0.813954	-1.22857	2.17656	1.4566	0.594865	1
cg00150418	RBM6;RBM6	0.143541	0.291241	1.1935	1.1935	0.358626	0.85859	-1.1647	0.864604	1.02795	1.02795	0.666781	1.07247	1.07247	0.446364	0.882173	-1.13357	0.103098	1.33375	1.33375	0.0544542	1.42254	1.42254	0.0932828	0.742163	-1.34741	0.154597	0.78185	-1.27902	2.17653	0.899284	0.367265	1
cg17568841	BEGAIN;BEGAIN	0.143542	0.157245	0.723378	-1.3824	0.604251	0.894097	-1.11845	0.78974	1.05888	1.05888	0.397589	0.830741	-1.20374	0.256367	0.775972	-1.28871	0.366646	1.21964	1.21964	0.00960062	2.01769	2.01769	0.660517	1.09924	1.09924	0.958523	0.988928	-1.0112	2.17652	1.57995	0.645249	1
cg09087191	SBF2	0.143543	0.0905417	0.344851	-2.8998	0.962691	1.02706	1.02706	0.740215	0.826993	-1.2092	0.598572	0.738391	-1.3543	0.0084593	0.146712	-6.8161	0.107584	0.366945	-2.7252	0.0951569	0.351062	-2.8485	0.696809	0.799689	-1.25049	0.173045	0.437047	-2.28808	2.17652	11.2344	4.58813	1
cg09641215	DUSP18	0.143545	0.101926	0.544344	-1.83707	0.631009	1.17868	1.17868	0.0484065	2.15135	2.15135	0.701323	0.877295	-1.13987	0.052932	0.473671	-2.11117	0.602119	0.836366	-1.19565	0.340793	0.716428	-1.39581	0.11132	0.554765	-1.80256	0.462594	0.775679	-1.28919	2.1765	3.97793	1.6246	1
cg22943779	TBC1D4	0.143549	0.464249	0.7333	-1.3637	0.249212	1.65125	1.65125	0.286947	1.5848	1.5848	0.0257402	0.331885	-3.01309	0.814738	1.10268	1.10268	0.351438	0.670754	-1.49086	0.572327	0.788518	-1.2682	0.125864	1.99315	1.99315	0.155452	1.88325	1.88325	2.17647	5.97783	2.4414	1
cg01395760	KIF22	0.143552	0.102729	0.321965	-3.10593	0.314941	1.88632	1.88632	0.406045	1.6744	1.6744	0.0435113	0.217274	-4.60248	0.111223	0.33353	-2.99824	0.805725	1.15881	1.15881	0.291282	1.95494	1.95494	0.492505	1.52296	1.52296	?	?	?	2.70998	12.4946	2.88163	1
cg17331904	STK31;STK31;STK31	0.143555	0.696154	0.94384	-1.0595	0.557481	1.0913	1.0913	0.0210002	0.664372	-1.50518	0.571223	0.919178	-1.08793	0.371809	0.873677	-1.14459	0.974008	0.995213	-1.00481	0.014619	0.642231	-1.55707	0.555862	1.0917	1.0917	0.876771	1.02312	1.02312	2.17643	0.74764	0.305348	1
cg18812668	NCRNA00173;NCRNA00173	0.143556	0.342004	1.24887	1.24887	0.0385603	0.580442	-1.72283	0.293871	1.28036	1.28036	0.6313	0.896055	-1.116	0.656521	1.10694	1.10694	0.0565105	1.63245	1.63245	0.123697	0.684909	-1.46005	0.386364	1.22331	1.22331	0.739886	1.07856	1.07856	2.17642	1.77603	0.725361	1
cg00873919	SLMAP	0.14356	0.898202	1.03462	1.03462	0.125322	0.643319	-1.55444	0.838971	0.947336	-1.05559	0.472707	1.21434	1.21434	0.218668	0.708925	-1.41059	0.346351	0.77271	-1.29415	0.0144151	0.448499	-2.22966	0.0363591	0.523659	-1.90964	0.792181	0.932196	-1.07274	2.1764	2.43695	0.995303	1
cg04142988	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.143565	0.784093	0.920883	-1.08591	0.380738	1.30973	1.30973	0.729143	0.900938	-1.10995	0.414019	0.778336	-1.28479	0.00623109	0.343001	-2.91545	0.269482	1.41214	1.41214	0.348547	1.33593	1.33593	0.820129	1.07074	1.07074	0.949234	1.01929	1.01929	2.17636	3.10434	1.2679	1
cg13770114	GLIS3;GLIS3	0.143566	0.905965	1.06472	1.06472	0.576445	1.34916	1.34916	0.400645	1.57863	1.57863	0.0161767	4.76494	4.76494	0.593503	0.751325	-1.33098	0.730109	1.20175	1.20175	0.238445	1.92566	1.92566	0.0163955	4.74335	4.74335	0.240892	1.91851	1.91851	2.17635	9.70741	3.96481	1
cg07729875	CUX2	0.143567	0.419846	0.696518	-1.43571	0.532918	1.31934	1.31934	0.116275	0.472863	-2.11478	0.488576	1.36171	1.36171	0.190363	0.54415	-1.83773	0.451194	1.40053	1.40053	0.999668	0.999817	-1.00018	0.0363317	0.343761	-2.909	0.0336518	0.33664	-2.97053	2.17634	6.63684	2.7107	1
cg09478205	SORCS3	0.143568	0.398207	0.773158	-1.2934	0.741829	0.906353	-1.10332	0.0338591	0.478628	-2.0893	0.629768	1.15543	1.15543	0.254042	1.42512	1.42512	0.405828	1.28781	1.28781	0.0620098	0.535264	-1.86824	0.124691	1.63951	1.63951	0.619142	0.861534	-1.16072	2.17633	3.04921	1.2454	1
cg26278214	TRIM26	0.14357	0.431806	0.861976	-1.16013	0.762592	1.05769	1.05769	0.128762	0.73792	-1.35516	0.145027	0.748456	-1.33608	0.0111702	0.555029	-1.80171	0.829953	1.04062	1.04062	0.523063	1.1273	1.1273	0.397722	0.851882	-1.17387	0.0839753	0.701879	-1.42475	2.17632	1.18133	0.482497	1
cg22876250	ATP13A5	0.143571	0.639207	0.766494	-1.30464	0.0648907	3.21407	3.21407	0.127056	2.53294	2.53294	0.672821	1.27024	1.27024	0.0334328	0.246681	-4.05382	0.270248	1.90889	1.90889	0.908668	0.937412	-1.06677	0.695376	1.24811	1.24811	0.231239	0.493006	-2.02837	2.17632	10.9328	4.46535	1
cg24776407	MYEOV;MYEOV	0.143573	0.64658	0.898937	-1.11242	0.15628	0.704697	-1.41905	0.368021	0.807846	-1.23786	0.205498	1.36102	1.36102	0.0573694	1.64229	1.64229	0.936735	0.981847	-1.01849	0.0431714	1.71059	1.71059	0.249287	0.757385	-1.32033	0.707689	1.09082	1.09082	2.1763	1.83565	0.749751	1
cg13573245	CAPS;CAPS	0.143579	0.863098	0.884819	-1.13017	0.0237247	6.7817	6.7817	0.234124	2.42146	2.42146	0.627156	0.706757	-1.41491	0.037047	0.179637	-5.56678	0.867769	0.888564	-1.12541	0.810372	0.843293	-1.18583	0.87863	0.897314	-1.11444	0.238758	0.416924	-2.39852	2.17626	17.3279	7.07753	1
cg14976964	PCBD2	0.143579	0.0446369	0.559298	-1.78796	0.6174	1.13534	1.13534	0.264232	0.745801	-1.34084	0.0617139	1.69954	1.69954	0.280414	1.32682	1.32682	0.824992	1.05741	1.05741	0.1391	1.49369	1.49369	0.272718	1.33338	1.33338	0.518973	0.848078	-1.17914	2.17626	2.18943	0.89427	1
cg00124708	ARMCX3;ARMCX3;ARMCX3	0.143579	0.211093	1.65298	1.65298	0.907711	0.956729	-1.04523	0.707884	0.866255	-1.15439	0.678289	0.852905	-1.17246	0.0768847	0.472172	-2.11787	0.462792	1.32988	1.32988	0.3054	1.49902	1.49902	0.0648611	2.20528	2.20528	0.0366626	2.52454	2.52454	2.17625	5.01475	2.04827	1
cg02725453	ZBED4	0.14358	0.0897485	0.471819	-2.11946	0.428116	1.38388	1.38388	0.987666	1.00623	1.00623	0.914981	0.95802	-1.04382	0.0832633	0.46299	-2.15987	0.876847	0.939621	-1.06426	0.0147764	0.299776	-3.33582	0.238394	0.609004	-1.64203	0.122152	0.510267	-1.95976	2.17625	5.55882	2.2705	1
cg19730687	ADSSL1	0.143586	0.701293	1.05756	1.05756	0.0116212	0.632522	-1.58097	0.0666232	0.741829	-1.34802	0.733846	1.0508	1.0508	0.438842	0.891675	-1.12148	0.804306	0.964594	-1.03671	0.100654	0.770196	-1.29837	0.363029	0.873065	-1.14539	0.122729	0.784402	-1.27486	2.17621	0.726695	0.296824	1
cg02934347	CAP2	0.143587	0.147824	1.53587	1.53587	0.0623251	0.559991	-1.78574	0.144962	1.54125	1.54125	0.121997	1.58918	1.58918	0.878479	1.04319	1.04319	0.953326	0.983954	-1.01631	0.292063	0.739264	-1.3527	0.258435	0.721904	-1.38523	0.174331	1.49083	1.49083	2.1762	2.63221	1.07515	1
cg05361290	HS3ST3A1	0.143588	0.237193	0.388127	-2.57647	0.00594308	0.0639727	-15.6317	0.105962	0.259377	-3.85539	0.613587	1.47572	1.47572	0.519597	0.607196	-1.64692	0.555403	0.633918	-1.57749	0.43581	0.544646	-1.83606	0.146068	0.303438	-3.29557	0.942541	1.05664	1.05664	2.17619	20.131	8.2227	1
cg19598544	TTYH2;MGC16275	0.143593	0.0332693	0.279326	-3.58005	0.0759674	2.75166	2.75166	0.313899	1.70547	1.70547	0.915106	1.05618	1.05618	0.13627	0.439207	-2.27683	0.858964	0.912867	-1.09545	0.2084	1.97342	1.97342	0.781826	0.867365	-1.15292	0.333805	0.599929	-1.66686	2.17615	9.05446	3.69845	1
cg07236150	FAM72B;FAM72B	0.143599	0.0378005	0.407098	-2.45641	0.447542	0.749156	-1.33484	0.866573	0.93919	-1.06475	0.0384303	0.408662	-2.44701	0.104043	0.515255	-1.94079	0.0317858	0.391035	-2.55732	0.247202	0.636726	-1.57053	0.722964	1.14202	1.14202	0.921862	0.964057	-1.03728	2.17612	4.79736	1.9596	1
cg08077807	PRKCH	0.143599	0.181383	0.75847	-1.31844	0.00550482	2.03607	2.03607	0.570765	0.894374	-1.1181	0.415295	1.17614	1.17614	0.997923	0.999493	-1.00051	0.994189	1.00142	1.00142	0.360536	1.201	1.201	0.899759	1.02486	1.02486	0.976582	0.994297	-1.00574	2.17612	1.30843	0.534461	1
cg26659349	CASD1	0.143604	0.704285	1.04803	1.04803	0.0203686	1.41048	1.41048	0.6334	1.06089	1.06089	0.0465657	1.32363	1.32363	0.821818	0.972633	-1.02814	0.928359	1.01112	1.01112	0.0801695	0.787577	-1.26972	0.853785	0.977561	-1.02295	0.907794	0.985848	-1.01436	2.17608	0.521537	0.213039	1
cg14900124	HOXD4	0.143609	0.0626454	6.80681	6.80681	0.795775	0.788636	-1.26801	0.517053	1.82463	1.82463	0.315933	0.387038	-2.58373	0.0278471	10.8011	10.8011	0.544765	0.570551	-1.75269	0.046727	8.04178	8.04178	0.839827	0.830882	-1.20354	0.877254	1.152	1.152	2.17604	28.8845	11.799	1
cg14159895	BAT1;SNORD84;BAT1	0.14361	0.0896203	0.555299	-1.80083	0.64223	1.15844	1.15844	0.996214	1.00149	1.00149	0.516083	0.813033	-1.22996	0.691493	1.13358	1.13358	0.106386	0.574496	-1.74065	0.0157615	0.394545	-2.53456	0.883395	1.04721	1.04721	0.214328	1.50826	1.50826	2.17603	3.40549	1.39111	1
cg00185622	CCDC150	0.143612	0.25417	1.69962	1.69962	0.194483	0.542593	-1.843	0.287033	1.63632	1.63632	0.769677	0.877406	-1.13972	0.0212604	0.291313	-3.43273	?	?	?	0.637497	0.809431	-1.23544	0.11621	0.467454	-2.13925	0.60418	1.26233	1.26233	2.19416	6.12931	2.79346	1
cg26522351	PLEKHA6	0.143614	0.17925	0.493057	-2.02816	0.0110703	0.206153	-4.85076	0.0517542	0.333801	-2.99579	0.944196	1.03531	1.03531	0.543223	0.737117	-1.35664	0.561949	0.747783	-1.33729	0.0697826	0.366011	-2.73216	0.825288	1.11581	1.11581	0.902214	0.940894	-1.06282	2.17601	8.4667	3.45861	1
cg05623614	LOC642597	0.143616	0.0849714	0.173651	-5.75867	0.940532	0.933723	-1.07098	0.654213	0.660741	-1.51345	0.373732	0.432038	-2.31461	0.0267506	0.0896166	-11.1586	0.192404	0.281362	-3.55415	0.0173254	0.0696734	-14.3527	0.109659	0.201298	-4.96777	0.311662	0.382114	-2.61702	2.17599	29.1141	11.893	1
cg17089214	YPEL1	0.143619	?	?	?	?	?	?	0.714074	0.799181	-1.25128	0.786285	0.847954	-1.17931	0.109676	0.28548	-3.50287	0.0444336	0.155989	-6.41069	?	?	?	?	?	?	0.0584715	0.190159	-5.25875	3.95313	10.1929	1.54706	1
cg19042070	ZNF101	0.143621	0.261799	1.56709	1.56709	0.158763	1.78295	1.78295	0.0318694	2.62619	2.62619	0.116842	0.519937	-1.92331	0.647698	0.838094	-1.19318	0.206544	0.599626	-1.66771	0.666399	0.846622	-1.18116	0.969258	0.985314	-1.0149	0.19384	1.69513	1.69513	2.17596	5.07898	2.07479	1
cg16783478	GRIN2A;GRIN2A;GRIN2A	0.143621	0.801249	0.724535	-1.3802	0.0648317	14.1399	14.1399	0.490856	2.44479	2.44479	0.883693	0.829446	-1.20562	0.0778272	0.0818007	-12.2248	0.303147	0.256012	-3.90607	0.0262862	0.0345042	-28.982	0.389111	0.323844	-3.08791	0.849388	0.784381	-1.27489	2.17596	56.2398	22.9742	1
cg07592830	NEK7	0.143624	0.3334	0.790289	-1.26536	0.0173888	0.505032	-1.98007	0.179485	0.714389	-1.3998	0.963435	1.01087	1.01087	0.277149	0.76597	-1.30553	0.214854	0.734921	-1.36069	0.164713	0.704936	-1.41857	0.623458	0.889829	-1.12381	0.0166343	0.501682	-1.99329	2.17593	1.91757	0.783344	1
cg22213057	PTPRN2;PTPRN2;PTPRN2	0.143624	0.394789	0.815226	-1.22665	0.909203	1.0271	1.0271	0.731087	1.08422	1.08422	0.657634	1.11021	1.11021	0.00618643	0.433068	-2.30911	0.486833	1.1801	1.1801	0.168296	1.41076	1.41076	0.715252	0.917706	-1.08967	0.663991	0.902623	-1.10788	2.17593	1.89333	0.773444	1
cg00744850	SMURF1;SMURF1	0.143624	0.908706	1.02053	1.02053	0.176589	1.28978	1.28978	0.802589	1.04537	1.04537	0.446022	1.14752	1.14752	0.179008	0.776563	-1.28773	0.0666424	1.43949	1.43949	0.0357911	0.648744	-1.54144	0.826085	1.03975	1.03975	0.236943	0.802926	-1.24545	2.17593	1.08138	0.441753	1
cg19896347	DNAH10	0.143625	0.451796	1.19336	1.19336	0.428902	1.20469	1.20469	0.943343	0.983744	-1.01652	0.205618	0.734987	-1.36057	0.0407718	0.580071	-1.72393	0.237453	0.751726	-1.33027	0.646968	0.899127	-1.11219	0.63083	0.894356	-1.11812	0.0147903	0.500777	-1.9969	2.17593	1.83242	0.748563	1
cg23292965	UNC5A	0.143628	0.376029	0.631516	-1.58349	0.825835	1.11795	1.11795	0.595081	0.762314	-1.3118	0.689697	0.816235	-1.22514	0.189444	0.494969	-2.02033	0.626118	0.78004	-1.28199	0.00473967	0.149887	-6.67168	0.0840579	0.380179	-2.63034	0.99452	1.00348	1.00348	2.17591	8.82124	3.6036	1
cg07781040	C3orf32	0.143629	0.447193	0.819919	-1.21963	0.222056	0.719711	-1.38945	0.0145086	0.462173	-2.16369	0.227837	0.722942	-1.38324	0.908982	0.971116	-1.02974	0.454829	0.822749	-1.21544	0.0211621	0.491472	-2.0347	0.146198	0.67047	-1.49149	0.141649	0.666968	-1.49932	2.1759	2.26353	0.924687	1
cg01356950	WIPF1	0.143631	0.223124	0.793409	-1.26038	0.0167421	0.58984	-1.69538	0.0518449	0.670325	-1.49181	0.101231	0.722935	-1.38325	0.824469	1.04098	1.04098	0.544427	0.895022	-1.11729	0.0621594	0.684128	-1.46171	0.427287	0.863702	-1.15781	0.917789	1.01884	1.01884	2.17589	1.12627	0.4601	1
cg20954129	RGL2;RGL2	0.143634	0.456181	0.716646	-1.39539	0.0103504	0.242224	-4.1284	0.122752	0.479918	-2.08369	0.15288	0.510642	-1.95832	0.113966	0.470051	-2.12743	0.0757785	0.419931	-2.38134	0.0905833	0.44105	-2.26732	0.519934	0.750998	-1.33156	0.228192	0.573916	-1.74241	2.17586	6.64183	2.71334	1
cg14793287	C12orf68;C12orf68	0.143636	0.382232	0.822684	-1.21553	0.626622	0.898721	-1.11269	0.134058	1.42181	1.42181	0.427931	1.19277	1.19277	0.955259	1.0123	1.0123	0.72072	0.924791	-1.08133	0.00721805	0.469933	-2.12796	0.675529	1.09602	1.09602	0.533374	0.871619	-1.14729	2.17585	1.63482	0.667864	1
cg07497569	ADD1;ADD1;ADD1;ADD1	0.143636	0.611565	1.10828	1.10828	0.0195227	1.7623	1.7623	0.407191	0.843494	-1.18555	0.311531	1.23389	1.23389	0.21371	0.768874	-1.3006	0.89941	0.974933	-1.02571	0.0346548	1.63952	1.63952	0.853177	1.03789	1.03789	0.716105	1.07607	1.07607	2.17585	1.38868	0.567312	1
cg03596113	PRDM16;PRDM16	0.143638	0.119037	1.94749	1.94749	0.143756	1.85677	1.85677	0.900165	0.951756	-1.05069	0.399751	1.4044	1.4044	0.126268	0.521158	-1.9188	0.0650304	2.26189	2.26189	0.060621	2.30115	2.30115	0.377598	0.699999	-1.42857	0.676193	1.17996	1.17996	2.17584	5.34872	2.1851	1
cg19546356	MERTK	0.14364	0.566729	0.823882	-1.21377	0.207044	1.56074	1.56074	0.276955	1.45979	1.45979	0.717256	1.12938	1.12938	0.0464471	0.466242	-2.14481	0.377552	1.35379	1.35379	0.0356407	2.26621	2.26621	0.205461	1.56344	1.56344	0.323315	1.40675	1.40675	2.17582	3.85689	1.57566	1
cg13044136	AES;AES;AES	0.143641	0.629069	1.14465	1.14465	0.0148369	2.2977	2.2977	0.828282	1.06215	1.06215	0.870115	0.955595	-1.04647	0.606956	0.865866	-1.15491	0.595943	0.861969	-1.16013	0.258821	0.721083	-1.3868	0.0601462	0.555152	-1.80131	0.37653	1.28644	1.28644	2.17581	2.65481	1.08458	1
cg15150615	BLOC1S3;TRAPPC6A	0.143646	0.469047	1.34945	1.34945	0.0577712	2.39366	2.39366	0.0453794	2.54422	2.54422	0.163113	0.545717	-1.83245	0.375118	0.69049	-1.44825	0.178917	1.78771	1.78771	0.50791	1.31427	1.31427	0.120372	1.98462	1.98462	0.354507	1.47334	1.47334	2.17578	5.70389	2.33026	1
cg17441982	TP73;TP73;TP73;TP73	0.143646	0.0574563	1.47031	1.47031	0.47063	1.14073	1.14073	0.0310167	0.634936	-1.57496	0.653345	1.08448	1.08448	0.880651	1.02732	1.02732	0.697722	1.07253	1.07253	0.103571	1.37625	1.37625	0.538794	0.894366	-1.11811	0.194019	1.27956	1.27956	2.17578	1.10902	0.453077	1
cg11479811	PP14571;GPC1	0.143649	0.78172	0.884652	-1.13039	0.494332	1.3583	1.3583	0.889271	1.0634	1.0634	0.0466639	2.73228	2.73228	0.0294036	0.322404	-3.1017	0.106324	2.17751	2.17751	0.453867	0.714156	-1.40025	0.416264	1.44284	1.44284	0.674272	1.20505	1.20505	2.17576	6.70922	2.741	1
cg23403980	SMG6;SMG6	0.143654	0.0529076	0.438191	-2.28211	0.44353	1.34044	1.34044	0.140855	0.552082	-1.81133	0.0694103	0.466834	-2.14209	0.417249	0.73277	-1.36468	0.385315	1.39628	1.39628	0.302805	0.6701	-1.49232	0.213578	1.63428	1.63428	0.15575	0.565737	-1.76761	2.17572	4.84707	1.98027	1
cg09756865	ATG4C;ATG4C	0.143655	0.396811	2.40844	2.40844	0.968788	0.961137	-1.04043	0.996299	0.995313	-1.00471	0.167396	4.44097	4.44097	0.0113636	0.0403444	-24.7866	?	?	?	0.761338	1.36151	1.36151	0.816526	0.790224	-1.26546	0.180733	0.236988	-4.21962	2.19385	31.6957	14.4475	1
cg10556064	SMPD3	0.143659	0.556754	1.32244	1.32244	0.0282438	0.295796	-3.38071	0.162468	2.01619	2.01619	0.405517	1.49208	1.49208	0.362892	0.644219	-1.55227	0.141898	0.475896	-2.1013	0.228962	0.552306	-1.81059	0.116977	0.448987	-2.22724	0.434703	0.687436	-1.45468	2.17569	7.61879	3.1127	1
cg19603557	COX11;COX11;COX11;COX11;STXBP4;COX11	0.14366	0.054757	0.694816	-1.43923	0.110178	1.33773	1.33773	0.219169	0.805763	-1.24106	0.139718	0.766751	-1.3042	0.895781	0.978335	-1.02214	0.221879	0.806886	-1.23933	0.100918	0.740629	-1.3502	0.0766718	0.719583	-1.38969	0.458108	0.881375	-1.13459	2.17568	0.962457	0.393219	1
cg25999486	TBC1D4;TBC1D4	0.143661	0.17643	0.65538	-1.52583	0.659657	0.87783	-1.13917	0.486004	1.23138	1.23138	0.017215	0.425982	-2.34751	0.795	0.9263	-1.07956	0.740776	0.907	-1.10254	0.595843	1.17045	1.17045	0.0753428	1.78988	1.78988	0.320419	1.35237	1.35237	2.17567	2.97875	1.217	1
cg02719634	SLC22A18AS;SLC22A18;SLC22A18AS;SLC22A18	0.143662	0.458407	0.718591	-1.39161	0.676805	0.832375	-1.20138	0.138387	2.01024	2.01024	0.983175	1.00927	1.00927	0.156447	0.515056	-1.94154	0.193211	0.547359	-1.82695	0.0421748	0.358972	-2.78573	0.0465014	0.368629	-2.71276	0.136476	0.495507	-2.01814	2.17566	6.60097	2.69689	1
cg15949687	FLJ35220;FLJ35220;FLJ35220;LOC100294362	0.14367	0.865468	0.971245	-1.02961	0.0273629	1.56697	1.56697	0.533437	1.11464	1.11464	0.124001	1.33192	1.33192	0.872101	0.972658	-1.02811	0.146009	0.76449	-1.30806	0.250548	0.813352	-1.22948	0.917739	1.01794	1.01794	0.0930707	1.37425	1.37425	2.17561	1.02016	0.416805	1
cg19363471	PTPRN2;PTPRN2;PTPRN2	0.143675	0.188881	0.487205	-2.05252	0.446997	0.670065	-1.49239	0.904806	0.940068	-1.06375	0.260392	0.545302	-1.83385	0.0452661	0.305292	-3.27555	0.557144	0.735854	-1.35897	0.00962059	0.183956	-5.43607	0.976234	1.01551	1.01551	0.0862132	0.375592	-2.66246	2.17557	9.19468	3.75674	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03047554	THTPA;THTPA;THTPA;THTPA;THTPA	0.143678	0.235194	0.854396	-1.17042	0.711073	0.954031	-1.04818	0.840099	1.02588	1.02588	0.77366	1.03714	1.03714	0.869408	0.979404	-1.02103	0.31036	0.87567	-1.14198	0.00428825	0.616835	-1.62118	0.861825	0.978207	-1.02228	0.419931	1.10985	1.10985	2.17555	0.551191	0.225207	1
cg25973273	DST;DST;DST;DST;DST	0.143678	0.128675	0.756945	-1.3211	0.191318	0.790882	-1.26441	0.877963	0.974279	-1.0264	0.0195484	0.619701	-1.61368	0.0196708	0.620116	-1.6126	0.434747	0.873585	-1.14471	0.529238	0.897546	-1.11415	0.616363	1.08944	1.08944	0.270632	0.823244	-1.21471	2.17555	0.990854	0.404845	1
cg11702503	MLLT1	0.143683	0.117945	1.87262	1.87262	0.951261	1.02284	1.02284	0.965071	0.983949	-1.01631	0.0805062	2.04691	2.04691	0.0495503	0.436934	-2.28868	0.778338	0.900975	-1.10991	0.0574517	2.21227	2.21227	0.269633	1.52926	1.52926	0.917282	1.03913	1.03913	2.17551	4.7047	1.92228	1
cg18899952	SHOX2;SHOX2;SHOX2	0.143684	0.29599	0.828207	-1.20743	0.495858	1.12781	1.12781	0.7163	1.06554	1.06554	0.589146	0.909517	-1.09948	0.703208	1.06885	1.06885	0.884042	0.974935	-1.02571	0.757399	0.947532	-1.05537	0.00525297	1.89699	1.89699	0.214874	1.25495	1.25495	2.17551	1.04245	0.425933	1
cg25707676	DLX6AS	0.143684	0.664326	0.74646	-1.33966	0.0255115	5.91544	5.91544	0.510202	1.56418	1.56418	0.756108	0.811672	-1.23202	0.0866043	3.55254	3.55254	0.433855	0.585769	-1.70716	0.833843	0.868764	-1.15106	0.0319722	5.382	5.382	0.376234	1.83703	1.83703	2.17551	15.4542	6.31441	1
cg13120814	TMEM140;TMEM140	0.143684	0.309673	0.465758	-2.14704	0.412868	0.544182	-1.83762	0.0402637	0.17867	-5.59692	0.0463722	0.190434	-5.25117	0.118442	0.291718	-3.42797	0.935055	0.942486	-1.06102	0.0726056	0.233202	-4.28813	0.210008	2.61211	2.61211	0.769063	0.807364	-1.2386	2.17551	18.2009	7.43669	1
cg16250461	HLA-L	0.143684	0.368981	1.53898	1.53898	0.93548	1.03855	1.03855	0.0549945	2.76402	2.76402	0.431024	1.45576	1.45576	0.880398	0.932067	-1.07288	?	?	?	0.00967935	4.61584	4.61584	0.172181	1.97187	1.97187	0.279193	1.69161	1.69161	2.19364	6.74195	3.07341	1
cg12243007	RPH3AL	0.143687	0.226659	0.638446	-1.5663	0.0278878	0.399113	-2.50555	0.115754	0.546432	-1.83005	0.604813	0.83149	-1.20266	0.0249694	0.389464	-2.56763	0.120103	0.55099	-1.81492	0.305866	0.687452	-1.45465	0.723149	0.88185	-1.13398	0.442479	1.31892	1.31892	2.17548	4.30528	1.75911	1
cg13272701	MAL2	0.143688	0.870597	0.939673	-1.0642	0.477104	1.31772	1.31772	0.710065	0.867163	-1.15319	0.0988822	1.99491	1.99491	0.751367	0.885753	-1.12898	0.181773	1.71769	1.71769	0.0132672	0.309959	-3.22623	0.941377	1.02847	1.02847	0.309178	0.669193	-1.49434	2.17548	5.019	2.05073	1
cg04780159	ST3GAL2	0.143688	0.16509	0.766467	-1.30469	0.882176	1.027	1.027	0.0375274	1.54258	1.54258	0.303404	0.825751	-1.21102	0.64798	1.08607	1.08607	0.932462	1.01534	1.01534	0.491305	0.882006	-1.13378	0.835032	0.963238	-1.03817	0.0265108	1.60383	1.60383	2.17548	1.11152	0.454159	1
cg02059082	ZNF513;PPM1G;PPM1G	0.14369	0.144506	0.347735	-2.87576	0.884709	1.10272	1.10272	0.596781	1.43306	1.43306	0.407131	0.564694	-1.77087	0.0099565	0.111511	-8.96772	0.108604	0.307444	-3.25262	0.0876264	0.280648	-3.56318	0.795081	0.839116	-1.19173	0.249656	0.444499	-2.24972	2.17546	15.6483	6.39387	1
cg15061008	CABIN1	0.143697	0.224207	0.866761	-1.15372	0.574717	1.06555	1.06555	0.0151437	1.39682	1.39682	0.300766	0.886847	-1.12759	0.413571	1.09813	1.09813	0.808375	0.973155	-1.02759	0.45082	0.917552	-1.08986	0.184004	0.853989	-1.17097	0.283316	1.13297	1.13297	2.17541	0.432133	0.176573	1
cg23421262	SNCAIP	0.143699	0.624545	0.908937	-1.10019	0.681056	0.923117	-1.08329	0.486719	1.14659	1.14659	0.00340845	0.462838	-2.16058	0.230403	0.783838	-1.27577	0.50437	0.877095	-1.14013	0.743672	0.938461	-1.06557	0.953842	1.01127	1.01127	0.876553	0.970358	-1.03055	2.1754	1.29092	0.527483	1
cg10348208	PFKP	0.143702	0.0578801	0.672706	-1.48653	0.816714	0.957982	-1.04386	0.115585	0.728856	-1.37201	0.504039	0.882175	-1.13356	0.137251	0.743822	-1.34441	0.590992	1.10551	1.10551	0.0845659	1.42295	1.42295	0.574203	0.900353	-1.11067	0.0718082	0.689606	-1.4501	2.17538	1.17783	0.481278	1
cg03441279	BCL9	0.143702	0.695775	1.10996	1.10996	0.34357	0.7718	-1.29567	0.0312391	1.95622	1.95622	0.177135	0.683292	-1.4635	0.0935544	0.61285	-1.63172	0.48492	0.82827	-1.20734	0.10436	0.62417	-1.60213	0.803957	1.06826	1.06826	0.319997	0.761234	-1.31366	2.17538	2.42829	0.99223	1
cg26453592	PGP	0.143702	0.773006	1.08832	1.08832	0.795374	1.07902	1.07902	0.65571	1.14033	1.14033	0.0846676	1.74727	1.74727	0.907243	0.966466	-1.0347	0.97775	1.00819	1.00819	0.0075762	0.36598	-2.73239	0.428991	1.26653	1.26653	0.752685	0.911645	-1.09692	2.17538	2.95042	1.20558	1
cg00826728	NRP1;NRP1;NRP1	0.143703	0.41937	1.09874	1.09874	0.897403	0.985385	-1.01483	0.0125827	1.42495	1.42495	0.684656	1.0477	1.0477	0.654395	1.05277	1.05277	0.0361073	0.757179	-1.32069	0.860392	1.02029	1.02029	0.650663	1.0534	1.0534	0.569715	1.06776	1.06776	2.17537	0.448724	0.183355	1
cg06788816	TMC6;TMC6	0.143706	0.207416	0.507557	-1.97022	0.0274255	0.264266	-3.78406	0.0195855	0.237212	-4.21564	0.696596	1.22126	1.22126	0.147524	0.452612	-2.2094	0.485766	1.4352	1.4352	0.449715	0.675087	-1.48129	0.815313	0.887493	-1.12677	0.953551	1.03016	1.03016	2.17535	8.96486	3.66321	1
cg03352866	TBL3	0.143707	0.996538	1.00186	1.00186	0.00899667	0.241785	-4.13591	0.343372	0.658868	-1.51776	0.567331	1.28034	1.28034	0.0343094	0.348056	-2.8731	0.372143	0.675935	-1.47943	0.648062	0.821653	-1.21706	0.603564	0.799373	-1.25098	0.213754	0.57145	-1.74993	2.17535	6.29465	2.57212	1
cg06850529	HDAC4	0.143709	0.227756	0.729414	-1.37096	0.874646	0.961421	-1.04013	0.386273	0.801453	-1.24773	0.71508	0.912688	-1.09567	0.0766956	0.612234	-1.63336	0.00922429	0.438845	-2.27871	0.616523	1.13408	1.13408	0.898355	1.03236	1.03236	0.0835208	0.620424	-1.6118	2.17533	2.13951	0.874252	1
cg21558268	THOP1	0.14371	0.116084	0.490909	-2.03704	0.3372	1.51015	1.51015	0.297569	1.56812	1.56812	0.422147	1.40719	1.40719	0.239765	1.67001	1.67001	0.132381	0.508384	-1.96702	0.184395	1.79779	1.79779	0.075539	2.28005	2.28005	0.132288	1.96738	1.96738	2.17532	5.97957	2.44339	1
cg09125779	HOPX;HOPX;HOPX	0.143713	0.0230052	0.306504	-3.2626	0.369194	0.669593	-1.49344	0.648945	1.22057	1.22057	0.348464	1.52164	1.52164	0.161335	0.521773	-1.91654	0.518927	0.75249	-1.32892	0.0492723	0.376824	-2.65376	0.0805097	0.430394	-2.32345	0.557189	0.772445	-1.29459	2.1753	6.51601	2.66262	1
cg04213338	USP42	0.143714	0.291356	1.19915	1.19915	0.924645	1.01582	1.01582	0.399469	0.86669	-1.15381	0.036877	1.49496	1.49496	0.621934	1.08594	1.08594	0.0623772	1.41614	1.41614	0.498621	0.892311	-1.12069	0.0910161	0.734336	-1.36177	0.350314	1.17288	1.17288	2.17529	0.947873	0.387329	1
cg19710386	PTPRF;PTPRF	0.143714	0.108564	1.52929	1.52929	0.223244	1.36422	1.36422	0.34533	1.26602	1.26602	0.488155	1.18641	1.18641	0.667242	0.900349	-1.11068	0.998266	0.999473	-1.00053	0.00583135	2.40168	2.40168	0.304591	1.29437	1.29437	0.179217	1.41379	1.41379	2.17529	2.02922	0.829201	1
cg10423757	TMEM155;LOC100192379	0.143718	0.360861	1.18063	1.18063	0.0796147	1.41046	1.41046	0.216989	0.79483	-1.25813	0.801637	0.956476	-1.0455	0.128159	1.33741	1.33741	0.421789	1.15611	1.15611	0.0197748	1.64466	1.64466	0.117282	1.35087	1.35087	0.688911	1.07373	1.07373	2.17526	1.07657	0.439923	1
cg22990178	C10orf11	0.143718	0.127182	0.575662	-1.73713	0.28165	0.687579	-1.45438	0.0147902	0.366386	-2.72936	0.672518	0.867333	-1.15296	0.680779	1.14853	1.14853	0.397618	1.33637	1.33637	0.122505	1.75112	1.75112	0.751469	0.899094	-1.11223	0.435569	0.766202	-1.30514	2.17526	3.86112	1.57779	1
cg01730274	CLASP1;CLASP1;CLASP1	0.143718	0.74303	0.902565	-1.10795	0.617328	1.16996	1.16996	0.0786165	0.544055	-1.83805	0.745447	0.903474	-1.10684	0.0835685	0.550574	-1.81629	0.436428	0.780828	-1.28069	0.0113237	0.372244	-2.68641	0.400615	1.30748	1.30748	0.992646	0.997132	-1.00288	2.17526	3.34529	1.367	1
cg08662619	PCMT1	0.143722	0.167796	0.427137	-2.34117	0.0224887	4.86282	4.86282	0.979358	0.985141	-1.01508	0.279728	1.91596	1.91596	0.591774	0.731079	-1.36784	0.309644	1.83739	1.83739	0.0985873	2.85217	2.85217	0.108652	2.75252	2.75252	0.819121	0.875872	-1.14172	2.17524	11.5345	4.71347	1
cg15898414	DAB1	0.143723	0.0124062	0.235512	-4.24606	0.861021	1.08483	1.08483	0.0666483	0.384634	-2.59988	0.955712	1.02614	1.02614	0.169323	0.506471	-1.97445	0.51782	1.35613	1.35613	0.941975	0.966743	-1.0344	0.591072	0.777242	-1.2866	0.0899197	0.419585	-2.3833	2.17523	7.43702	3.03907	1
cg02922094	FAM19A3;FAM19A3	0.143724	0.0634641	0.708376	-1.41168	0.948581	1.01071	1.01071	0.0709407	0.71654	-1.3956	0.392687	0.865312	-1.15565	0.491203	0.890905	-1.12245	0.0558578	1.43031	1.43031	0.427567	1.14319	1.14319	0.700649	0.938174	-1.0659	0.137649	0.767868	-1.30231	2.17522	0.940323	0.384256	1
cg13802192	CN5H6.4;GTSE1	0.143724	0.638666	1.08716	1.08716	0.776281	1.05163	1.05163	0.0187835	0.604683	-1.65376	0.0661885	1.43924	1.43924	0.431072	0.867627	-1.15257	0.963017	1.00823	1.00823	0.829911	0.962703	-1.03874	0.162182	0.768209	-1.30173	0.312843	1.20257	1.20257	2.17522	1.07555	0.439514	1
cg24598993	CDYL;CDYL;CDYL;CDYL	0.143725	0.712325	0.908073	-1.10123	0.514551	1.18778	1.18778	0.451127	1.22129	1.22129	0.594481	0.869445	-1.15016	0.00932479	2.36003	2.36003	0.322629	0.76643	-1.30475	0.0663762	1.70932	1.70932	0.517532	1.18629	1.18629	0.813195	0.940226	-1.06357	2.17522	2.33547	0.954377	1
cg04077979	FILIP1	0.14373	0.140573	0.396994	-2.51893	0.298057	1.87506	1.87506	0.692789	0.793416	-1.26037	0.585177	0.725264	-1.37881	0.00960662	0.147996	-6.75696	0.690977	1.26221	1.26221	0.440766	0.632451	-1.58115	0.174399	0.430862	-2.32093	0.142754	0.3993	-2.50438	2.17518	11.7001	4.78128	1
cg12069073	KDM2A;KDM2A	0.143735	0.0141602	2.15502	2.15502	0.633449	0.885275	-1.12959	0.84146	1.05211	1.05211	0.084462	1.62268	1.62268	0.410865	0.807916	-1.23775	0.657096	0.892862	-1.11999	0.517831	0.846794	-1.18092	0.281535	1.32826	1.32826	0.140382	1.49526	1.49526	2.17514	2.21626	0.905692	1
cg14590070	MCF2L	0.143736	0.631163	0.692175	-1.44472	0.155178	3.18043	3.18043	0.404801	1.91235	1.91235	0.943616	1.05527	1.05527	0.133336	0.291822	-3.42675	0.507671	0.599778	-1.66728	0.0130996	0.096282	-10.3862	0.187519	0.345623	-2.89332	0.922688	1.07663	1.07663	2.17514	19.9295	8.14434	1
cg24165907	CASKIN2;CASKIN2	0.143741	0.510191	1.1746	1.1746	0.103196	1.53637	1.53637	0.727997	1.08775	1.08775	0.551969	0.865048	-1.15601	0.389737	1.23656	1.23656	0.193462	1.39306	1.39306	0.0388433	1.77933	1.77933	0.893318	1.03285	1.03285	0.0123748	2.11734	2.11734	2.1751	1.99936	0.81707	1
cg21871608	ITPK1;ITPK1;ITPK1	0.143743	0.906588	0.934367	-1.07024	0.0216371	0.202952	-4.92726	0.857924	0.901561	-1.10919	0.513962	0.681972	-1.46634	0.0249162	0.213637	-4.68084	0.0778416	0.321989	-3.1057	0.471829	1.52691	1.52691	0.890328	0.923314	-1.08305	0.798933	1.15906	1.15906	2.17509	11.5207	4.70815	1
cg13855255	EXD3	0.143743	0.236729	1.19439	1.19439	0.724559	0.950568	-1.052	0.540491	0.915038	-1.09285	0.251694	0.842324	-1.18719	0.607681	0.928485	-1.07702	0.6328	1.07141	1.07141	0.00889604	1.61122	1.61122	0.402864	0.884557	-1.13051	0.389192	0.881221	-1.13479	2.17508	0.707314	0.289057	1
cg11229533	TMEM178;TMEM178	0.143743	0.446733	0.860945	-1.16151	0.210478	1.29014	1.29014	0.213168	1.28801	1.28801	0.905108	0.977239	-1.02329	0.922602	1.01894	1.01894	0.459675	1.15643	1.15643	0.0194733	0.579699	-1.72503	0.178852	0.759029	-1.31747	0.194041	1.30379	1.30379	2.17508	1.28397	0.524719	1
cg23811789	LOC642597	0.143752	0.451952	0.72077	-1.3874	0.415684	0.700846	-1.42685	0.300235	1.58199	1.58199	0.802888	0.898647	-1.11278	0.765453	0.879999	-1.13636	0.356658	1.49942	1.49942	0.342977	0.65873	-1.51807	0.00665333	4.5027	4.5027	0.700439	1.1796	1.1796	2.17502	6.28907	2.57022	1
cg00982433	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.143753	0.909324	0.985495	-1.01472	0.108908	1.25134	1.25134	0.0634344	1.30692	1.30692	0.822601	1.02922	1.02922	0.0509482	1.32995	1.32995	0.730642	0.956648	-1.04532	0.0852683	0.783494	-1.27633	0.430888	0.902034	-1.10861	0.693998	0.950554	-1.05202	2.17501	0.56654	0.231535	1
cg27009812	CLDN9;CLDN9	0.143755	0.910771	1.03536	1.03536	0.0932497	0.564199	-1.77242	0.556913	0.831797	-1.20222	0.0979722	1.75541	1.75541	0.486173	1.24526	1.24526	0.128264	0.600701	-1.66472	0.165576	0.632283	-1.58157	0.791746	0.921243	-1.08549	0.070242	1.87258	1.87258	2.175	3.31003	1.35276	1
cg24317002	LRRCC1;LRRCC1	0.143756	0.0319538	0.357755	-2.79521	0.485276	1.33643	1.33643	0.77558	1.124	1.124	0.0246448	0.334762	-2.9872	0.364859	0.683322	-1.46344	?	?	?	0.258689	0.617574	-1.61924	0.683736	0.845775	-1.18235	0.494906	1.32769	1.32769	2.19311	5.1639	2.3546	1
cg08309106	EXD2	0.143759	0.130781	0.568301	-1.75963	0.617258	1.19064	1.19064	0.74067	0.89134	-1.12191	0.0172194	0.365995	-2.73228	0.412161	0.747963	-1.33697	0.0721185	0.498983	-2.00408	0.48421	1.27917	1.27917	0.728574	0.886341	-1.12823	0.0696482	0.495241	-2.01922	2.17497	4.13174	1.6886	1
cg07632618	CACNA1H;CACNA1H	0.14376	0.148504	0.555122	-1.80141	0.0986269	0.502673	-1.98936	0.120109	0.527099	-1.89718	0.828547	1.08586	1.08586	0.0399109	0.405757	-2.46453	0.0529886	0.433808	-2.30517	0.0768615	0.473675	-2.11115	0.578987	1.23722	1.23722	0.294746	0.661862	-1.51089	2.17497	4.96846	2.03057	1
cg07220448	SOSTDC1	0.143762	0.0810257	0.244776	-4.08537	0.465036	0.582201	-1.71762	0.733134	0.779589	-1.28273	0.199848	0.373319	-2.67868	0.14384	0.319022	-3.13458	0.134081	0.308682	-3.23958	0.0112843	0.0993796	-10.0624	0.0500417	0.196777	-5.08188	0.329776	0.481095	-2.07859	2.17495	18.232	7.45133	1
cg10282162	SHISA6	0.143762	0.618042	1.44396	1.44396	0.448763	0.568837	-1.75797	0.649076	0.715469	-1.39768	0.699511	1.32771	1.32771	0.570725	0.657862	-1.52008	0.583404	0.667129	-1.49896	0.941548	1.05506	1.05506	0.482364	1.6851	1.6851	0.00416589	16.5507	16.5507	2.17495	18.3985	7.51938	1
cg08612468	C5orf36;ANKRD32;C5orf36	0.143763	0.975923	1.00693	1.00693	0.831021	1.05015	1.05015	0.449676	1.19291	1.19291	0.17579	1.39046	1.39046	0.471026	0.845432	-1.18283	0.426779	1.2042	1.2042	0.00716989	0.451599	-2.21435	0.849199	0.957347	-1.04455	0.461687	1.18719	1.18719	2.17494	1.80626	0.738211	1
cg04751069	ZNF276;C16orf7;ZNF276;ZNF276	0.143765	0.949972	0.947042	-1.05592	0.798699	0.801168	-1.24818	0.705848	0.719605	-1.38965	0.014316	0.0666358	-15.007	0.755375	0.762501	-1.31147	?	?	?	0.084426	5.37377	5.37377	?	?	?	0.844222	0.843131	-1.18605	2.32734	21.1048	9.0682	1
cg04985251	KTELC1;KTELC1	0.143767	0.489855	0.812444	-1.23085	0.0293938	2.13759	2.13759	0.0247811	2.20631	2.20631	0.623528	0.863729	-1.15777	0.954139	1.01718	1.01718	0.704061	0.893148	-1.11964	0.223329	0.68464	-1.46062	0.844512	1.05987	1.05987	0.33282	1.34423	1.34423	2.17492	3.02024	1.23437	1
cg23396732	COMMD7;COMMD7	0.143767	0.0660181	2.55543	2.55543	0.740953	1.16291	1.16291	0.102605	2.25364	2.25364	0.0563455	2.67256	2.67256	0.934026	1.03838	1.03838	0.0520449	2.7332	2.7332	0.760273	0.870033	-1.14938	0.0404934	2.93402	2.93402	0.205746	1.8354	1.8354	2.17491	7.12889	2.91358	1
cg05178234	ARHGEF10	0.143768	0.583745	0.907875	-1.10147	0.762581	0.948456	-1.05435	0.13777	0.756423	-1.32201	0.866467	0.971033	-1.02983	0.540122	1.11442	1.11442	0.0492897	1.47985	1.47985	0.0184975	1.64705	1.64705	0.595443	0.910646	-1.09812	0.878986	0.973739	-1.02697	2.17491	1.05088	0.429495	1
cg20099054	LACTB2;XKR9	0.143771	0.756186	0.883089	-1.13239	0.770698	0.889883	-1.12374	0.504901	1.31009	1.31009	0.190397	0.57491	-1.7394	0.0470076	0.40353	-2.47813	0.178674	0.565326	-1.76889	0.139462	1.88673	1.88673	0.0637229	2.29803	2.29803	0.986768	1.00664	1.00664	2.17489	5.48888	2.24334	1
cg23173586	PNP	0.143772	0.0216885	0.408114	-2.4503	0.966148	1.0139	1.0139	0.143219	0.599572	-1.66786	0.437719	0.773057	-1.29357	0.280687	0.69447	-1.43995	0.804554	0.922545	-1.08396	0.757323	1.10604	1.10604	0.342369	1.37451	1.37451	0.0271864	0.42738	-2.33984	2.17488	3.64186	1.48845	1
cg00373397	FAM19A5;FAM19A5	0.143773	0.347183	0.777343	-1.28643	0.42307	1.23728	1.23728	0.307671	0.75975	-1.31622	0.836605	0.947683	-1.05521	0.665451	0.892972	-1.11986	0.075528	1.67331	1.67331	0.0154887	2.16569	2.16569	0.182255	1.44537	1.44537	0.985964	1.00459	1.00459	2.17487	2.33217	0.953177	1
cg01179268	CRTAC1	0.143777	0.102388	0.705542	-1.41735	0.108488	1.40726	1.40726	0.319273	1.22243	1.22243	0.10174	0.70499	-1.41846	0.93011	0.983028	-1.01726	0.163927	1.33623	1.33623	0.283052	1.24315	1.24315	0.340959	1.21105	1.21105	0.132497	1.37268	1.37268	2.17484	1.31155	0.536048	1
cg14644570	TPST2;TPST2	0.143778	0.0717679	0.679377	-1.47194	0.518286	0.88167	-1.13421	0.533081	0.885679	-1.12908	0.907362	0.977863	-1.02264	0.0909135	1.43064	1.43064	0.397967	0.846688	-1.18107	0.219868	1.28156	1.28156	0.82549	0.958425	-1.04338	0.0293468	0.610461	-1.63811	2.17484	1.27371	0.520585	1
cg12868015	BBX;BBX	0.143781	0.101754	0.766404	-1.3048	0.116933	1.28782	1.28782	0.239115	0.832689	-1.20093	0.636475	0.931735	-1.07327	0.219712	0.825582	-1.21127	0.253056	0.837536	-1.19398	0.0389915	1.42601	1.42601	0.66141	0.936643	-1.06764	0.78388	0.959992	-1.04168	2.17482	0.759738	0.310519	1
cg24578679	CYP11A1;CYP11A1	0.143782	0.223711	6.90681	6.90681	0.103221	14.7976	14.7976	0.331499	4.54799	4.54799	0.119614	12.846	12.846	0.0257927	54.7146	54.7146	0.1596	9.6989	9.6989	0.34479	0.229677	-4.35395	0.215634	7.17198	7.17198	0.0618452	24.0282	24.0282	2.17481	78.7208	32.1748	1
cg12977942	FLJ42709;FLJ42709	0.143782	0.257096	0.60077	-1.66453	0.311065	0.636664	-1.57069	0.265921	0.606886	-1.64776	0.755651	0.874167	-1.14395	0.00837486	0.234288	-4.26826	0.792789	0.892778	-1.1201	0.0897034	0.446672	-2.23878	0.409555	1.43813	1.43813	0.144241	0.508769	-1.96553	2.17481	6.39262	2.6128	1
cg18538501	LOC286094	0.143783	0.294322	0.583625	-1.71343	0.999071	1.00058	1.00058	0.436543	0.675053	-1.48136	0.00476156	0.156361	-6.39547	0.0831389	0.386829	-2.58512	0.622313	0.782074	-1.27865	0.671366	1.23526	1.23526	0.771528	0.865758	-1.15506	0.384094	0.642855	-1.55556	2.1748	8.44251	3.45064	1
cg08884591	SCGB2A2	0.143785	0.807785	0.896408	-1.11556	0.820747	1.10719	1.10719	0.496082	0.733384	-1.36354	0.470299	0.71925	-1.39034	0.647228	0.813242	-1.22965	0.0864925	2.33875	2.33875	0.134226	2.0639	2.0639	0.0143557	0.258144	-3.87381	0.946226	1.03073	1.03073	2.17478	6.93376	2.834	1
cg00365524	HTR6	0.143786	0.688614	1.19452	1.19452	0.0163794	3.64957	3.64957	0.531422	1.32275	1.32275	0.343468	1.53819	1.53819	0.468551	0.722234	-1.38459	0.0386123	2.87779	2.87779	0.638998	0.811821	-1.2318	0.252573	1.69437	1.69437	0.108328	2.16612	2.16612	2.17478	6.7058	2.74083	1
cg26300975	ZNF576;IRGQ;IRGQ;ZNF576	0.143787	0.137454	0.791246	-1.26383	0.684981	1.06151	1.06151	0.509218	0.906644	-1.10297	0.778125	0.959497	-1.04221	0.0981991	0.766834	-1.30406	0.323875	0.861456	-1.16083	0.365856	0.872855	-1.14567	0.0899327	1.31467	1.31467	0.0536981	1.37804	1.37804	2.17477	0.737915	0.301606	1
cg00239964	SNTB2	0.143788	0.799208	1.08636	1.08636	0.0220839	0.409836	-2.44	0.112986	0.57087	-1.75171	0.424539	0.76718	-1.30347	0.029847	0.435776	-2.29476	0.325196	1.39117	1.39117	0.824902	1.07467	1.07467	0.639906	0.858025	-1.16547	0.395094	0.753485	-1.32717	2.17477	3.63751	1.48675	1
cg20731562	FLJ25363	0.143789	0.437832	0.87236	-1.14632	0.181167	1.27755	1.27755	0.619063	1.09033	1.09033	0.465359	1.13678	1.13678	0.103601	1.35951	1.35951	0.208177	1.25729	1.25729	0.00908389	1.7718	1.7718	0.12038	1.33734	1.33734	0.90286	1.02129	1.02129	2.17476	1.02541	0.419117	1
cg15660077	NLGN2	0.143791	0.227355	1.55525	1.55525	0.240193	1.53502	1.53502	0.106699	1.84744	1.84744	0.0490503	2.18808	2.18808	0.723916	1.13155	1.13155	0.569887	0.818633	-1.22155	0.408812	1.34232	1.34232	0.0145964	2.85227	2.85227	0.121228	1.79593	1.79593	2.17474	4.18273	1.70962	1
cg22215202	MED25	0.143793	0.10746	1.33363	1.33363	0.430624	0.876493	-1.14091	0.424727	1.14293	1.14293	0.16869	1.27168	1.27168	0.185463	1.25872	1.25872	0.275234	0.830259	-1.20444	0.634408	0.924498	-1.08167	0.110803	0.752226	-1.32939	0.0701142	1.3935	1.3935	2.17473	0.924948	0.378059	1
cg09047691	GABBR2	0.143795	0.472769	1.17903	1.17903	0.104292	1.49253	1.49253	0.0191832	1.8947	1.8947	0.374345	0.814126	-1.22831	0.459855	0.843914	-1.18495	0.447195	0.839698	-1.1909	0.123726	0.686615	-1.45642	0.926732	1.02096	1.02096	0.637358	1.11303	1.11303	2.17471	1.75171	0.71599	1
cg00907402	WDTC1	0.143796	0.564328	1.09331	1.09331	0.194608	1.23375	1.23375	0.352377	1.15779	1.15779	0.0254926	1.50141	1.50141	0.371411	1.15085	1.15085	0.236346	1.2092	1.2092	0.0856939	0.747672	-1.33749	0.600641	0.922321	-1.08422	0.123029	1.29148	1.29148	2.17471	0.807244	0.329953	1
cg05951521	TMC5;TMC5	0.143797	0.0561243	0.494835	-2.02087	0.0747308	0.524365	-1.90707	0.370577	0.741547	-1.34853	0.108932	0.56635	-1.76569	0.107746	0.565073	-1.76968	0.21633	0.655003	-1.52671	0.0484489	0.480355	-2.08179	0.362953	1.35537	1.35537	0.857643	1.06013	1.06013	2.1747	3.6427	1.48892	1
cg20253151	DUSP5	0.143802	0.676677	0.804286	-1.24334	0.180611	2.09248	2.09248	0.0527753	3.13733	3.13733	0.481905	0.689888	-1.44951	0.104903	0.39838	-2.51017	0.248251	1.87174	1.87174	0.0658673	0.342381	-2.92073	0.711006	1.21322	1.21322	0.979853	0.986971	-1.0132	2.17467	9.29004	3.79727	1
cg14430151	ACOX3;ACOX3	0.143803	0.0359929	0.230581	-4.33688	0.988916	0.991679	-1.00839	0.390425	0.589008	-1.69777	0.694234	0.78849	-1.26825	0.0299405	0.215204	-4.64676	0.22086	0.46112	-2.16863	0.021922	0.191338	-5.22636	0.270158	0.501273	-1.99492	0.223727	0.463555	-2.15724	2.17466	12.4598	5.09293	1
cg23997405	BEGAIN;BEGAIN	0.143803	0.156165	0.455348	-2.19612	0.626569	0.775481	-1.28952	0.354117	0.609953	-1.63947	0.0679994	0.346486	-2.88612	0.713284	0.825818	-1.21092	0.12234	0.419674	-2.3828	0.00727597	0.1661	-6.02046	0.130433	0.428691	-2.33268	0.506611	0.705096	-1.41825	2.17466	9.2617	3.78571	1
cg04529543	ADAMTSL5	0.143805	0.656696	0.867532	-1.1527	0.43105	1.29083	1.29083	0.158921	1.6133	1.6133	0.710624	0.888356	-1.12567	0.0692707	0.524347	-1.90713	0.167419	0.626592	-1.59593	0.260819	1.45141	1.45141	0.040322	2.12213	2.12213	0.627418	1.16809	1.16809	2.17464	3.47532	1.42054	1
cg11727569	C9orf5	0.143807	0.271202	0.628539	-1.59099	0.00947627	0.263786	-3.79096	0.928306	1.03716	1.03716	0.407557	1.40977	1.40977	0.14403	0.52927	-1.8894	0.896633	1.0541	1.0541	0.132157	0.517511	-1.93233	0.969411	0.984576	-1.01567	0.483964	1.33423	1.33423	2.17463	5.65977	2.31346	1
cg20315150	CREB5;CREB5;CREB5	0.143808	0.941703	1.04261	1.04261	0.398869	0.610953	-1.63679	0.309112	0.548541	-1.82302	0.364026	1.70259	1.70259	0.0181222	0.19453	-5.14059	0.563259	1.39567	1.39567	0.729952	1.21858	1.21858	0.0501724	3.5746	3.5746	0.711422	1.23613	1.23613	2.17462	11.209	4.58175	1
cg02133183	FAM190B	0.143809	0.930014	1.0125	1.0125	0.123668	0.789936	-1.26592	0.226941	0.835781	-1.19649	0.145618	0.801758	-1.24726	0.684642	1.05944	1.05944	0.544963	1.0905	1.0905	0.00826433	0.620272	-1.6122	0.791774	1.03813	1.03813	0.95957	1.00719	1.00719	2.17462	0.68873	0.281523	1
cg12110437	LY6E;LY6E;LOC100133669	0.143811	0.080663	0.453794	-2.20364	0.356235	0.679089	-1.47256	0.563505	1.26893	1.26893	0.858932	0.930014	-1.07525	0.266607	0.623722	-1.60328	0.803527	0.903334	-1.10701	0.299346	0.644892	-1.55065	0.0130774	0.28496	-3.50927	0.042273	0.385177	-2.59621	2.1746	5.72851	2.34159	1
cg26251398	TOM1L1	0.143812	0.126731	0.473273	-2.11294	0.726601	0.853017	-1.17231	0.990574	1.00536	1.00536	0.952226	0.973231	-1.02751	0.00322153	0.161964	-6.17419	0.574434	0.773409	-1.29298	0.502629	0.734834	-1.36085	0.881236	0.934535	-1.07005	0.598698	0.786229	-1.27189	2.1746	7.06375	2.88738	1
cg03718416	EPS8	0.143813	0.109694	0.476739	-2.09758	0.0270186	0.32882	-3.04117	0.23271	0.587654	-1.70168	0.16369	0.53184	-1.88026	0.676071	0.836517	-1.19543	0.889295	1.06095	1.06095	0.111927	2.08622	2.08622	0.957959	0.977855	-1.02265	0.130238	0.49943	-2.00228	2.17459	6.21523	2.54055	1
cg18393173	ANKS1A;TAF11	0.143816	0.417398	1.22261	1.22261	0.318059	1.28439	1.28439	0.494033	1.18345	1.18345	0.274013	1.31791	1.31791	0.275312	0.759388	-1.31685	0.662924	1.11223	1.11223	0.0128175	0.472524	-2.11629	0.191338	0.714981	-1.39864	0.590997	0.876722	-1.14061	2.17456	2.02563	0.82801	1
cg19918623	CHCHD3	0.143818	0.0662107	0.202112	-4.94775	0.0549807	0.184777	-5.41193	0.37783	0.495511	-2.01812	0.399623	1.95248	1.95248	0.204615	0.353917	-2.82552	0.204968	0.354235	-2.82299	0.0308728	0.139872	-7.14938	0.584252	0.651298	-1.5354	0.0853057	0.228519	-4.37601	2.17455	20.7379	8.47701	1
cg08385610	LZTS1	0.143822	0.406834	1.3089	1.3089	0.0255999	2.31942	2.31942	0.150632	1.63021	1.63021	0.671341	1.14499	1.14499	0.643672	1.15925	1.15925	0.0843489	1.83257	1.83257	0.012885	2.66328	2.66328	0.874971	1.05122	1.05122	0.67249	1.14441	1.14441	2.17453	3.466	1.41681	1
cg03347632	PGBD5	0.143822	0.547208	0.50968	-1.96202	0.185419	4.72897	4.72897	0.125636	6.25743	6.25743	0.793634	1.33651	1.33651	0.0121315	0.031449	-31.7975	0.505235	2.1128	2.1128	0.643118	0.596752	-1.67574	0.327005	0.326423	-3.06351	0.945755	0.927479	-1.07819	2.17452	42.1597	17.2338	1
cg02505749	KCNK9	0.143823	0.46243	1.12323	1.12323	0.197016	1.236	1.236	0.904039	1.01891	1.01891	0.78992	1.04235	1.04235	0.821589	1.03571	1.03571	0.948617	1.01006	1.01006	0.00925806	0.598655	-1.67041	0.0934397	0.750782	-1.33194	0.916768	0.983891	-1.01637	2.17451	0.831174	0.339764	1
cg05164634	WNT10B	0.143823	0.124248	5.30016	5.30016	0.0528946	9.0648	9.0648	0.231007	3.5215	3.5215	0.221184	3.6274	3.6274	0.0665762	7.85467	7.85467	0.341881	0.37485	-2.66773	0.614896	0.60154	-1.6624	0.984746	0.981027	-1.01934	0.0510754	9.26435	9.26435	2.17451	34.5735	14.1328	1
cg18642567	RPGRIP1	0.143824	0.650513	0.880589	-1.1356	0.616589	1.15113	1.15113	0.405996	0.78897	-1.26748	0.344536	0.762265	-1.31188	0.167531	0.663532	-1.50709	0.836247	0.943927	-1.0594	0.00537565	0.359897	-2.77857	0.606368	1.15594	1.15594	0.173302	0.66766	-1.49777	2.17451	2.67723	1.09439	1
cg24679411	PTMS	0.143824	0.299471	0.674549	-1.48247	0.169152	1.71368	1.71368	0.162358	1.731	1.731	0.763643	0.895957	-1.11613	0.496929	1.28625	1.28625	0.0257662	0.371225	-2.69378	0.740602	0.885996	-1.12867	0.694016	0.865812	-1.15499	0.105918	1.91929	1.91929	2.28905	4.70585	1.59896	1
cg19952228	FAM162A;CCDC58	0.143826	0.0426945	0.611912	-1.63422	0.501799	0.866313	-1.15432	0.996482	1.00093	1.00093	0.587642	0.891136	-1.12216	0.0671399	0.649241	-1.54026	0.0158201	0.536691	-1.86327	0.144729	0.719099	-1.39063	0.0972559	0.681732	-1.46685	0.596245	0.893541	-1.11914	2.17449	1.52626	0.623903	1
cg22580088	ADARB2	0.143827	0.630201	0.849887	-1.17663	0.00437304	0.279065	-3.5834	0.27725	0.684626	-1.46065	0.721294	0.886829	-1.12761	0.689385	1.14421	1.14421	0.772294	0.907296	-1.10218	0.530007	1.23777	1.23777	0.417124	0.757264	-1.32054	0.470592	1.27903	1.27903	2.17449	3.87176	1.5827	1
cg24335340	UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A6;UGT1A9;UGT1A7;UGT1A5;UGT1A3	0.143832	0.0392302	0.241964	-4.13284	0.104085	0.347517	-2.87755	0.0706653	0.300766	-3.32485	0.0494046	0.26348	-3.79536	0.137761	0.386508	-2.58727	0.759906	0.833342	-1.19999	0.324116	0.545704	-1.83249	0.248585	0.488046	-2.04899	0.0362317	0.234952	-4.25619	2.17445	12.1828	4.98017	1
cg01782024	CDC7;CDC7;CDC7	0.143832	0.155412	0.541166	-1.84786	0.158041	1.83973	1.83973	0.543275	0.779953	-1.28213	0.232325	1.65852	1.65852	0.0196065	0.320139	-3.12364	0.723012	0.86611	-1.15459	0.239389	0.607966	-1.64483	0.558268	1.27014	1.27014	0.3215	0.661203	-1.5124	2.17445	5.61847	2.29676	1
cg01920513	TTF2	0.143834	0.101054	0.762459	-1.31155	0.0840936	1.33463	1.33463	0.100475	1.31226	1.31226	0.987498	0.997636	-1.00237	0.295878	1.17787	1.17787	0.227226	0.825754	-1.21101	0.309545	0.853149	-1.17213	0.156814	1.25698	1.25698	0.392401	1.14149	1.14149	2.17444	0.785527	0.321115	1
cg02300147	HRNBP3	0.143834	0.170655	4.88111	4.88111	0.804508	0.763781	-1.30928	0.0616602	0.10156	-9.84642	0.338634	2.92048	2.92048	0.270097	0.287137	-3.48265	0.943128	1.08061	1.08061	0.36209	0.36135	-2.7674	0.035798	14.2134	14.2134	0.355093	2.8114	2.8114	2.17444	40.6608	16.6218	1
cg07054040	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.143835	0.252795	0.73533	-1.35993	0.0496196	0.561869	-1.77978	0.663884	1.11911	1.11911	0.301838	0.75933	-1.31695	0.588675	0.868906	-1.15087	0.333288	1.29287	1.29287	0.333764	0.77368	-1.29252	0.380049	0.793135	-1.26082	0.0119968	0.446371	-2.24029	2.17443	2.28138	0.93261	1
cg15081220	KCNG1	0.143835	0.114979	2.98173	2.98173	0.348458	1.8502	1.8502	0.368589	1.80156	1.80156	0.0373823	4.66388	4.66388	0.542276	0.674898	-1.48171	0.0465626	4.2754	4.2754	0.776718	1.1987	1.1987	0.216601	2.29053	2.29053	0.0315233	4.9904	4.9904	2.17443	13.9926	5.72008	1
cg01375248	SR140	0.143836	0.132978	0.327762	-3.05099	0.741289	0.796134	-1.25607	0.422358	0.568943	-1.75765	0.154792	0.350671	-2.85168	0.103895	0.294152	-3.3996	0.213834	0.406285	-2.46133	0.0143122	0.125134	-7.99144	0.586799	1.45882	1.45882	0.0605261	0.233081	-4.29036	2.17442	16.3077	6.66648	1
cg19521934	ZNF193	0.143839	0.616588	0.882726	-1.13285	0.138413	0.674231	-1.48317	0.244409	1.35109	1.35109	0.743884	1.08438	1.08438	0.461164	1.20368	1.20368	0.103698	0.644232	-1.55224	0.0133596	0.468958	-2.13239	0.573788	0.868977	-1.15078	0.389106	0.804049	-1.24371	2.1744	2.10275	0.859599	1
cg22774472	COL5A2	0.14384	0.310752	1.41167	1.41167	0.130299	1.71115	1.71115	0.22646	0.658699	-1.51814	0.934857	1.02724	1.02724	0.249623	0.673321	-1.48517	0.802941	0.921093	-1.08567	0.263948	0.681953	-1.46638	0.0173995	2.59058	2.59058	0.681338	1.14537	1.14537	2.17439	3.72148	1.52134	1
cg02836325	PGS1	0.143841	0.0963559	0.301438	-3.31743	0.0290665	0.184576	-5.41782	0.0959821	0.300954	-3.32277	0.472631	0.6189	-1.61577	0.0682898	0.261648	-3.82193	0.0410605	0.212592	-4.70385	0.0912708	0.294759	-3.3926	0.893395	0.915701	-1.09206	0.433387	0.591508	-1.6906	2.17438	14.8568	6.07345	1
cg27581592	CCDC111;CASP3;CASP3	0.143842	0.444587	0.890813	-1.12257	0.572215	0.918814	-1.08836	0.0515699	0.719829	-1.38922	0.655279	0.935509	-1.06894	0.0154146	0.64337	-1.55432	0.1842	1.23242	1.23242	0.722568	1.05431	1.05431	0.462046	1.11748	1.11748	0.873448	1.02393	1.02393	2.17438	0.757966	0.309857	1
cg00635560	CDK2;CDK2;SILV	0.143843	0.0506309	0.648556	-1.54189	0.844323	1.03896	1.03896	0.969851	1.00737	1.00737	0.459645	0.863841	-1.15762	0.0301483	0.60915	-1.64163	0.41927	0.851768	-1.17403	0.020208	0.580126	-1.72376	0.618961	0.90713	-1.10238	0.66607	1.08807	1.08807	2.17437	1.30157	0.532086	1
cg02289322	NSD1;NSD1	0.143848	0.64006	1.06578	1.06578	0.0201558	0.684494	-1.46093	0.447467	0.90057	-1.11041	0.464009	1.10607	1.10607	0.938235	0.989572	-1.01054	0.390778	1.12631	1.12631	0.0325177	1.40285	1.40285	0.521544	1.09186	1.09186	0.936772	1.01079	1.01079	2.17434	0.630081	0.257582	1
cg15549075	PRKCE	0.14385	0.0362921	0.498512	-2.00597	0.447099	1.24808	1.24808	0.358831	0.763506	-1.30975	0.375637	0.771024	-1.29698	0.182638	0.667335	-1.4985	0.603608	1.16161	1.16161	0.0553534	1.86103	1.86103	0.262148	1.39708	1.39708	0.868422	0.95369	-1.04856	2.17432	2.81648	1.15141	1
cg21645290	ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655;ZNF655	0.14385	0.814022	1.09417	1.09417	0.160635	0.564195	-1.77244	0.106506	0.510116	-1.96034	0.0143614	3.16653	3.16653	0.664725	0.846593	-1.1812	0.439294	1.35154	1.35154	0.99684	0.998489	-1.00151	0.9922	0.996274	-1.00374	0.281932	0.652432	-1.53273	2.17432	5.02276	2.05337	1
cg06953627	INGX;BCYRN1	0.143851	0.1806	1.86239	1.86239	0.378262	0.673397	-1.48501	0.355314	0.659743	-1.51574	0.839861	0.915304	-1.09253	0.0773002	0.423565	-2.36091	0.094574	2.23387	2.23387	0.0555542	0.387121	-2.58317	0.354372	1.51705	1.51705	0.616063	0.801603	-1.2475	2.17431	6.58849	2.69346	1
cg02699635	C11orf94	0.143851	0.754807	0.874676	-1.14328	0.165472	1.88183	1.88183	0.745313	1.14947	1.14947	0.150076	1.93373	1.93373	0.237421	0.589192	-1.69724	0.130726	2.00874	2.00874	0.0147102	3.60879	3.60879	0.197825	1.7892	1.7892	0.33103	1.53522	1.53522	2.17431	6.2907	2.57172	1
cg16114380	LIMA1;LIMA1;LIMA1	0.143852	0.404542	0.709551	-1.40934	0.197975	0.578451	-1.72876	0.765197	0.886478	-1.12806	0.404189	0.70936	-1.40972	0.257278	0.621487	-1.60904	0.492988	0.755704	-1.32327	0.0200556	0.323447	-3.09169	0.0766266	2.20851	2.20851	0.118314	0.505501	-1.97824	2.17431	5.57359	2.27856	1
cg06707718	FAM46C	0.143852	0.637729	0.887299	-1.12702	0.94496	0.982745	-1.01756	0.890243	0.96579	-1.03542	0.278257	0.752589	-1.32875	0.207125	0.715056	-1.39849	0.0128075	0.458668	-2.18023	0.0645563	1.68783	1.68783	0.638398	0.887513	-1.12674	0.360333	0.788925	-1.26755	2.17431	2.18869	0.894767	1
cg03534647	COQ6;COQ6;FAM161B	0.143853	0.498882	0.813852	-1.22873	0.679525	0.882815	-1.13274	0.911034	1.0341	1.0341	0.0879973	0.568407	-1.7593	0.358354	0.753224	-1.32763	0.797814	0.925868	-1.08007	0.0841624	1.77412	1.77412	0.038716	2.05089	2.05089	0.167497	1.55496	1.55496	2.1743	3.10009	1.26737	1
cg07208333	PIK3R1;PIK3R1;PIK3R1	0.143856	0.26218	1.4426	1.4426	0.57008	1.1971	1.1971	0.207266	1.51715	1.51715	0.478322	0.797772	-1.25349	0.188856	0.646409	-1.54701	0.497764	1.24079	1.24079	0.0263711	0.438061	-2.28279	0.168241	1.58445	1.58445	0.291946	1.40878	1.40878	2.17428	3.38297	1.38302	1
cg10046900	KPNB1	0.143856	0.395186	1.46423	1.46423	0.142764	0.50167	-1.99334	0.283176	0.613668	-1.62955	0.0861438	2.2941	2.2941	0.350598	0.656575	-1.52306	0.18628	0.541402	-1.84706	0.864836	0.928109	-1.07746	0.0475883	2.69714	2.69714	0.518143	1.33228	1.33228	2.17428	6.6035	2.69964	1
cg06529080	CUX1;CUX1;CUX1	0.143858	0.780081	1.21745	1.21745	0.552964	0.65579	-1.52488	0.191856	0.378637	-2.64105	0.25538	0.434013	-2.30408	0.0740283	0.246713	-4.0533	0.385706	0.535204	-1.86844	0.956948	1.03868	1.03868	0.0755969	4.01617	4.01617	0.0655221	4.27595	4.27595	2.17427	17.0154	6.95628	1
cg13779963	KIF13A;KIF13A;KIF13A;KIF13A	0.143859	0.424193	1.14961	1.14961	0.899274	0.9786	-1.02187	0.0786374	0.716293	-1.39608	0.26736	1.21822	1.21822	0.0742764	0.711945	-1.4046	0.675582	0.930625	-1.07455	0.0772829	1.39867	1.39867	0.142706	1.30884	1.30884	0.616971	0.917466	-1.08996	2.17426	1.00489	0.410823	1
cg06381864	RICH2	0.14386	0.123741	0.39941	-2.50369	0.859039	1.10281	1.10281	0.256673	0.521129	-1.91891	0.244531	0.511602	-1.95465	0.0277923	0.238917	-4.18556	0.686008	1.25075	1.25075	0.409495	1.59101	1.59101	0.287676	0.544591	-1.83624	0.0315253	0.249497	-4.00806	2.17425	10.4361	4.26655	1
cg25209633	CR2;CR2	0.143861	0.113533	0.71498	-1.39864	0.284283	0.805157	-1.24199	0.190529	1.31007	1.31007	0.705064	1.0769	1.0769	0.296209	0.809748	-1.23495	0.38306	0.840064	-1.19039	0.0395122	0.628792	-1.59035	0.104724	1.41266	1.41266	0.747613	1.06493	1.06493	2.17424	1.30718	0.53441	1
cg01012572	MYO10	0.143862	0.0701835	0.33985	-2.94248	0.480643	0.682337	-1.46555	0.246119	0.523766	-1.90925	0.596199	1.32992	1.32992	0.0251457	0.241727	-4.13689	0.913453	0.943683	-1.05968	0.0250803	0.241517	-4.14049	0.802989	1.14257	1.14257	0.316799	0.575932	-1.73632	2.17424	9.78872	4.0019	1
cg22969669	GATAD2A	0.143862	0.0175011	0.485474	-2.05984	0.151824	0.681361	-1.46765	0.708969	1.09822	1.09822	0.328675	0.777307	-1.28649	0.223992	1.37604	1.37604	0.795646	0.937205	-1.067	0.133002	1.49933	1.49933	0.547724	1.16417	1.16417	0.604176	0.877497	-1.1396	2.17423	2.1501	0.879022	1
cg25575553	CDK5RAP3	0.143863	0.23836	0.836404	-1.19559	0.0579665	1.36345	1.36345	0.113155	0.779275	-1.28324	0.848943	0.972795	-1.02797	0.772306	0.9589	-1.04286	0.0685721	0.744606	-1.34299	0.376843	1.14017	1.14017	0.132915	0.79095	-1.2643	0.542442	1.09329	1.09329	2.17423	0.72051	0.294566	1
cg25908504	JMJD6;C17orf95;JMJD6;JMJD6	0.143864	0.522013	1.1117	1.1117	0.34936	1.17023	1.17023	0.196249	1.24979	1.24979	0.893151	0.97831	-1.02217	0.196736	0.800348	-1.24946	0.581019	1.09522	1.09522	0.0186588	0.627973	-1.59242	0.134883	1.30084	1.30084	0.470626	1.12723	1.12723	2.17422	0.916862	0.374842	1
cg06551025	BTG1	0.143865	0.0280571	0.635161	-1.57441	0.0634166	0.694097	-1.44072	0.687536	1.07329	1.07329	0.869215	1.02925	1.02925	0.755647	1.05613	1.05613	0.400011	0.860101	-1.16265	0.104357	0.733029	-1.3642	0.304025	1.20468	1.20468	0.297981	1.20771	1.20771	2.17421	1.05372	0.430794	1
cg20912752	PPFIBP1;PPFIBP1	0.143867	0.0332747	0.18523	-5.39869	0.142357	0.343439	-2.91172	0.17838	0.37947	-2.63525	0.487115	0.61974	-1.61358	0.117435	0.315891	-3.16565	0.436663	0.584067	-1.71213	0.0452345	0.210815	-4.7435	0.0233389	0.159372	-6.27463	0.218768	0.416222	-2.40257	2.1742	15.8134	6.46509	1
cg02531227	GLT1D1	0.143869	0.598158	1.36406	1.36406	0.941435	1.04382	1.04382	0.732176	1.22205	1.22205	0.561065	1.40928	1.40928	0.00718377	0.1319	-7.58149	0.970691	1.02168	1.02168	0.350626	0.570762	-1.75204	0.131143	2.5894	2.5894	0.655047	1.30016	1.30016	2.17419	11.7332	4.79695	1
cg19425116	ZNF460	0.143871	0.492084	0.564613	-1.77113	0.00887048	0.0653099	-15.3116	0.192333	0.322876	-3.09717	0.981568	1.01911	1.01911	0.0489269	0.15849	-6.30956	0.244245	0.368612	-2.71288	0.253323	0.376304	-2.65743	0.800274	0.812467	-1.23082	0.583412	1.57415	1.57415	2.17417	23.11	9.44827	1
cg09704136	ZYX;ZYX	0.143872	0.222571	0.442964	-2.25752	0.0441817	4.34341	4.34341	0.636238	1.35345	1.35345	0.136881	0.361338	-2.76749	0.186015	0.410355	-2.43691	0.361068	0.550764	-1.81566	0.106802	0.326756	-3.06039	0.454538	1.62245	1.62245	0.253217	0.468569	-2.13416	2.17416	13.8963	5.68138	1
cg25405123	RYR3	0.143874	0.86835	0.976866	-1.02368	0.0101079	0.632642	-1.58067	0.59724	1.07813	1.07813	0.219794	0.833565	-1.19967	0.285916	0.855249	-1.16925	0.220335	0.833761	-1.19938	0.72257	1.05158	1.05158	0.727678	1.05056	1.05056	0.183032	1.22059	1.22059	2.17415	0.685426	0.280232	1
cg08478121	ZFPM1	0.143875	0.398987	0.641118	-1.55978	0.00909033	5.50931	5.50931	0.178799	2.08618	2.08618	0.743086	0.844232	-1.18451	0.277898	0.559394	-1.78765	0.398987	0.641118	-1.55978	0.888213	0.930152	-1.07509	0.679142	0.807239	-1.23879	0.436252	1.50516	1.50516	2.17415	9.12636	3.73127	1
cg02937671	ZFYVE28	0.143876	0.0566234	4.87828	4.87828	0.351737	0.494675	-2.02153	0.801181	0.830839	-1.2036	0.593586	1.48528	1.48528	0.133866	0.305017	-3.27851	0.111912	0.280438	-3.56585	0.113642	3.54043	3.54043	0.556686	1.54744	1.54744	0.211868	0.380646	-2.62711	2.17414	18.5738	7.59383	1
cg12232308	IER3;FLOT1	0.143878	0.149916	1.81213	1.81213	0.51685	1.28804	1.28804	0.353292	1.44461	1.44461	0.671621	1.17848	1.17848	0.227313	1.62928	1.62928	0.111032	1.9516	1.9516	0.00583038	4.01673	4.01673	0.0910058	2.0483	2.0483	0.343841	1.4558	1.4558	2.17412	5.10757	2.08823	1
cg07121733	NSMCE4A;NSMCE4A	0.143879	0.854441	0.980106	-1.0203	0.234086	0.872411	-1.14625	0.616947	0.946314	-1.05673	0.546904	0.935469	-1.06898	0.0799682	1.23687	1.23687	0.850366	0.979547	-1.02088	0.029362	0.755176	-1.32419	0.561587	1.06633	1.06633	0.0849186	1.23179	1.23179	2.17412	0.412286	0.168563	1
cg04548002	DEGS2	0.143879	0.0623513	0.380145	-2.63058	0.335152	1.58127	1.58127	0.961426	0.977949	-1.02255	0.855634	1.08759	1.08759	0.0653888	0.385367	-2.59493	0.723916	0.849159	-1.17764	0.0276083	0.300936	-3.32296	0.260552	0.582158	-1.71775	0.11482	0.45358	-2.20468	2.17411	7.31879	2.9923	1
cg05949660	MICAL1;MICAL1	0.143881	0.066415	0.45104	-2.2171	0.3041	1.5093	1.5093	0.159753	1.78786	1.78786	0.414291	1.38094	1.38094	0.171042	0.569085	-1.75721	0.699133	0.86053	-1.16208	0.812317	1.09636	1.09636	0.0369877	0.391853	-2.55198	0.40895	0.721343	-1.3863	2.1741	5.15072	2.10589	1
cg00079598	OR6M1	0.143881	0.756472	1.08783	1.08783	0.319533	1.32099	1.32099	0.640805	1.13561	1.13561	0.208857	0.698712	-1.4312	0.240436	1.39461	1.39461	0.0452218	1.86218	1.86218	0.014363	2.26313	2.26313	0.236511	1.39887	1.39887	0.631702	1.13962	1.13962	2.1741	2.52182	1.03106	1
cg22712408	PRDM16;PRDM16	0.143881	0.953836	0.986932	-1.01324	0.554766	0.873065	-1.14539	0.340175	0.799833	-1.25026	0.657811	1.10659	1.10659	0.520907	1.15934	1.15934	0.0116677	2.04654	2.04654	0.0362189	1.73908	1.73908	0.904123	0.972991	-1.02776	0.504793	1.16623	1.16623	2.1741	1.77765	0.726801	1
cg25387593	HYOU1;HYOU1;HYOU1;HYOU1	0.143883	0.891955	1.01381	1.01381	0.420027	1.08669	1.08669	0.824199	0.977799	-1.0227	0.885651	1.01463	1.01463	0.317245	1.10996	1.10996	0.789286	0.973335	-1.0274	0.0180086	0.748278	-1.3364	0.403996	1.08999	1.08999	0.0368176	1.27726	1.27726	2.17409	0.350593	0.143342	1
cg27047255	PIK3C2B	0.143887	0.567199	1.22315	1.22315	0.00365605	3.93142	3.93142	0.227349	1.55486	1.55486	0.777552	0.906065	-1.10367	0.98606	0.993934	-1.0061	0.431263	1.32282	1.32282	0.185482	1.63068	1.63068	0.501068	1.26851	1.26851	0.419037	1.33319	1.33319	2.17406	4.17656	1.70763	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19720917	POLR2I;TBCB;TBCB	0.143887	0.8917	1.02243	1.02243	0.698483	1.06545	1.06545	0.339081	1.17406	1.17406	0.791614	0.957792	-1.04407	0.315052	1.18434	1.18434	0.665844	0.931687	-1.07332	0.00578554	0.554991	-1.80183	0.259233	0.825569	-1.21129	0.859635	1.02925	1.02925	2.17406	0.913203	0.373374	1
cg23115158	SH3BGRL2	0.143889	0.26808	0.862317	-1.15967	0.517949	1.08781	1.08781	0.71238	0.953565	-1.0487	?	?	?	0.147821	0.819235	-1.22065	0.616912	1.0669	1.0669	0.384899	0.891906	-1.12119	0.637481	0.940871	-1.06285	0.0138528	1.47774	1.47774	2.19214	0.508861	0.23213	1
cg18666748	PALM;PALM	0.143892	0.743629	0.916332	-1.09131	0.503322	0.834574	-1.19822	0.0936159	0.612056	-1.63384	0.0970161	0.615728	-1.62409	0.202871	0.699135	-1.43034	0.507886	0.836233	-1.19584	0.161501	1.48896	1.48896	0.0508459	1.80814	1.80814	0.67765	1.11772	1.11772	2.17402	2.44073	0.997937	1
cg16639665	OPCML	0.143897	0.511725	0.786995	-1.27066	0.676987	0.860032	-1.16275	0.264851	1.51932	1.51932	0.227966	1.57693	1.57693	0.147142	0.571243	-1.75057	0.218597	0.627669	-1.5932	0.0119235	0.32323	-3.09377	0.827564	1.08168	1.08168	0.527273	0.794102	-1.25928	2.17399	4.46046	1.82377	1
cg22192454	KIAA1267	0.143898	0.440246	1.61756	1.61756	0.120807	2.79543	2.79543	0.250865	2.08148	2.08148	0.10984	2.90077	2.90077	0.453739	1.59411	1.59411	0.24108	2.11666	2.11666	0.144736	2.60407	2.60407	0.0102461	7.22409	7.22409	0.0450714	4.07562	4.07562	2.17398	12.8544	5.25584	1
cg18077083	WARS;WARS;WARS;WARS	0.143899	0.411007	0.819424	-1.22037	0.71131	0.915702	-1.09206	0.466901	0.839137	-1.1917	0.00328097	0.38706	-2.58358	0.246758	0.750568	-1.33232	0.425966	0.824826	-1.21238	0.584434	1.13978	1.13978	0.425893	0.8248	-1.21241	0.625187	0.889912	-1.12371	2.17397	1.93227	0.790064	1
cg13080551	LPPR3	0.143901	0.0747244	0.306709	-3.26041	0.618289	0.741509	-1.3486	0.386678	0.589609	-1.69604	0.303664	0.530322	-1.88565	0.0368049	0.235987	-4.23752	0.109051	0.353312	-2.83036	0.0308403	0.221009	-4.52469	0.0391392	0.241421	-4.14213	0.257471	0.494819	-2.02094	2.17396	12.2038	4.98991	1
cg15464645	HERC2	0.143901	0.450591	0.845714	-1.18243	0.0954108	0.670754	-1.49086	0.603492	0.892057	-1.121	0.948134	0.985919	-1.01428	0.508911	0.864096	-1.15728	0.0563019	0.62428	-1.60185	0.0205915	1.8367	1.8367	0.713699	0.922812	-1.08364	0.99535	1.00127	1.00127	2.17396	1.63617	0.668997	1
cg02225164	GAB3;GAB3	0.143903	0.129733	0.457084	-2.18778	0.218332	0.538322	-1.85762	0.449911	0.691949	-1.44519	0.250284	1.77644	1.77644	0.0133322	0.230766	-4.33339	0.653551	0.805665	-1.24121	0.679406	0.819742	-1.2199	0.227327	1.83342	1.83342	0.769177	1.15113	1.15113	2.17395	7.8764	3.22052	1
cg18191138	LPCAT1	0.143904	0.655201	0.877406	-1.13972	0.300721	0.731957	-1.3662	0.178911	0.660011	-1.51513	0.153259	1.56048	1.56048	0.161704	0.647378	-1.54469	0.0089145	0.379753	-2.63329	0.870286	0.953559	-1.0487	0.815986	0.934419	-1.07018	0.597446	0.856355	-1.16774	2.17394	2.91527	1.19201	1
cg10414829	SNCG	0.143904	0.631036	1.13416	1.13416	0.773063	0.927538	-1.07812	0.24849	0.730635	-1.36867	0.898696	1.03369	1.03369	0.159102	1.47922	1.47922	0.0970993	1.60596	1.60596	0.0129064	2.23229	2.23229	0.764424	1.08133	1.08133	0.360817	0.783178	-1.27685	2.17394	2.33031	0.952826	1
cg00735611	GRB7;GRB7	0.143907	0.325778	1.93561	1.93561	0.0390799	4.73247	4.73247	0.85299	0.886261	-1.12834	0.69601	1.29121	1.29121	0.658101	1.33629	1.33629	0.137777	0.353357	-2.83	0.0929314	0.300224	-3.33085	0.719271	0.790619	-1.26483	0.0868854	3.42373	3.42373	2.17392	14.5875	5.96464	1
cg26357587	POU2F3	0.143914	0.157994	1.55369	1.55369	0.260875	1.40819	1.40819	0.290819	1.37712	1.37712	0.456369	1.24787	1.24787	0.0625953	1.84356	1.84356	0.0904227	1.72397	1.72397	0.072887	0.557653	-1.79323	0.11294	1.65473	1.65473	0.339462	1.33296	1.33296	2.17387	2.93381	1.19963	1
cg25179780	GALNT9	0.143915	0.960534	1.01136	1.01136	0.0116424	2.05406	2.05406	0.470286	1.18255	1.18255	0.18801	1.37501	1.37501	0.791373	1.06239	1.06239	0.907279	0.973753	-1.02695	0.331835	1.25677	1.25677	0.572842	0.878037	-1.1389	0.0861414	0.648655	-1.54165	2.17386	1.79412	0.733612	1
cg21490972	FOXK1	0.143916	0.373563	0.860593	-1.16199	0.568942	0.909715	-1.09925	0.697127	1.0664	1.0664	0.0359208	1.49352	1.49352	0.84628	1.03242	1.03242	0.60304	0.91738	-1.09006	0.837643	0.966839	-1.0343	0.879569	1.02523	1.02523	0.0143018	0.608659	-1.64296	2.17385	0.930108	0.380321	1
cg22696612	TKTL1;TKTL1	0.143919	0.277009	0.877185	-1.14001	0.644735	1.05529	1.05529	0.635731	1.05686	1.05686	0.264252	0.873832	-1.14438	0.0268512	0.737933	-1.35514	0.834104	0.975986	-1.02461	0.301701	1.13203	1.13203	0.0282642	0.740682	-1.35011	0.274299	0.876482	-1.14092	2.17383	0.462471	0.189107	1
cg23121096	FES;FES;FES;FES	0.143921	0.00827354	0.408412	-2.44851	0.602776	1.1494	1.1494	0.865974	0.956191	-1.04582	0.783919	1.07562	1.07562	0.244804	0.724221	-1.38079	0.517055	1.1903	1.1903	0.438627	1.23307	1.23307	0.184516	1.45248	1.45248	0.611249	1.14562	1.14562	2.17382	2.4214	0.990125	1
cg06722397	VAMP3	0.143922	0.441078	0.729862	-1.37012	0.0776752	0.455652	-2.19466	0.0911487	0.474332	-2.10823	0.479994	0.749907	-1.3335	0.00765055	0.253027	-3.95215	0.248791	0.616794	-1.62129	0.624594	1.21859	1.21859	0.707174	0.859617	-1.16331	0.311208	0.657062	-1.52193	2.17381	5.53174	2.26197	1
cg07611626	COL22A1	0.143923	0.632976	0.898049	-1.11352	0.0226685	1.84007	1.84007	0.315184	1.26128	1.26128	0.90711	1.02643	1.02643	0.147832	0.706783	-1.41486	0.120811	0.686584	-1.45649	0.781288	1.06418	1.06418	0.215794	1.33799	1.33799	0.383637	0.819003	-1.221	2.1738	1.71984	0.703257	1
cg08607082	ICAM1	0.143926	0.427702	0.699629	-1.42933	0.53253	1.32164	1.32164	0.0809846	2.34787	2.34787	0.739341	1.1587	1.1587	0.239345	0.58069	-1.72209	0.628078	0.806268	-1.24028	0.0172598	0.278152	-3.59516	0.260329	1.67852	1.67852	0.7141	1.17623	1.17623	2.17378	6.69933	2.73945	1
cg01174096	SLC39A10;SLC39A10;SLC39A10	0.143927	0.0300003	0.673253	-1.48533	0.0404253	1.44319	1.44319	0.140323	1.27872	1.27872	0.228084	1.21661	1.21661	0.671158	1.06843	1.06843	0.945968	1.01056	1.01056	0.717094	0.945165	-1.05802	0.635055	0.928578	-1.07692	0.888582	0.978509	-1.02196	2.17377	0.826928	0.338144	1
cg01968002	SNX33;SNX33	0.143931	0.0638309	0.414279	-2.41383	0.0149195	0.281879	-3.54762	0.152282	0.522764	-1.91291	0.416994	0.70408	-1.42029	0.106252	0.474187	-2.10887	0.502235	0.749726	-1.33382	0.044612	0.377061	-2.65209	0.994119	1.00312	1.00312	0.371681	0.678431	-1.47399	2.17375	6.15967	2.51881	1
cg16904899	WNT7A	0.143932	0.932405	0.984024	-1.01624	0.102563	1.40373	1.40373	0.0100414	0.539614	-1.85318	0.510747	1.13501	1.13501	0.213595	1.28227	1.28227	0.584995	0.9006	-1.11037	0.834293	1.04057	1.04057	0.898153	1.02461	1.02461	0.593478	1.1077	1.1077	2.17374	1.24082	0.507399	1
cg11652496	PSTPIP1	0.143937	0.961861	0.984949	-1.01528	0.884169	1.04732	1.04732	0.403024	0.762302	-1.31182	0.719595	0.891959	-1.12113	0.0130836	0.376747	-2.6543	0.961607	0.984849	-1.01538	0.205898	1.52684	1.52684	0.0688642	1.90741	1.90741	0.544957	0.823404	-1.21447	2.17371	3.4629	1.41608	1
cg21558341	COL11A2;COL11A2;COL11A2;COL11A2	0.143942	0.021833	0.302551	-3.30523	0.598184	0.793716	-1.2599	0.534226	0.760742	-1.31451	0.598763	0.794012	-1.25943	0.011462	0.25304	-3.95194	0.238267	0.584727	-1.7102	0.556263	0.772189	-1.29502	0.909665	0.95189	-1.05054	0.098745	0.455475	-2.19551	2.17366	6.49657	2.65668	1
cg08484337	SNORA38;BAT2	0.143943	0.168463	0.455853	-2.19369	0.368645	0.609999	-1.63935	0.26513	1.86206	1.86206	0.740489	1.19474	1.19474	0.0518436	0.30592	-3.26883	0.44723	0.660549	-1.51389	0.0260961	0.243357	-4.10919	0.0837463	0.35897	-2.78575	0.393144	0.626084	-1.59723	2.17366	9.86526	4.03426	1
cg22171088	UBE3A;UBE3A;UBE3A	0.143943	0.439716	0.82566	-1.21115	0.419962	1.22178	1.22178	0.165565	0.698012	-1.43264	0.511492	1.17572	1.17572	0.077846	0.621033	-1.61022	0.143361	0.682298	-1.46563	0.034662	1.81974	1.81974	0.743565	1.08307	1.08307	0.544435	0.861453	-1.16083	2.17366	2.0345	0.831981	1
cg23595826	HTATSF1;HTATSF1	0.143943	0.0384535	0.0932018	-10.7294	0.584851	0.579327	-1.72614	0.729872	1.40916	1.40916	0.138393	4.848	4.848	0.826584	0.80484	-1.24248	0.0344635	0.0871234	-11.478	0.566076	0.563279	-1.77532	0.110731	0.179137	-5.58231	0.732888	1.40351	1.40351	2.17366	33.7071	13.7841	1
cg03174768	LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMCH1	0.143947	0.920711	0.959824	-1.04186	0.231126	1.67753	1.67753	0.137162	1.93364	1.93364	0.251002	1.63882	1.63882	0.0132573	0.282478	-3.5401	0.300518	1.55557	1.55557	0.664483	1.1969	1.1969	0.392988	1.43389	1.43389	0.967568	0.983394	-1.01689	2.17363	5.83934	2.38795	1
cg20395967	MIR663	0.143948	0.127178	6.07418	6.07418	0.821539	1.28028	1.28028	0.606477	1.76518	1.76518	0.197822	0.225684	-4.43097	0.0622867	0.100756	-9.92493	0.5081	0.479859	-2.08394	0.452532	0.433025	-2.30933	0.0390774	13.6231	13.6231	0.469608	0.447284	-2.23572	2.17362	41.174	16.8378	1
cg26029250	NAGLU	0.143949	0.458647	1.66213	1.66213	0.143787	2.87934	2.87934	0.868158	0.894164	-1.11836	0.47779	0.615102	-1.62575	0.00650252	0.0924123	-10.8211	0.494981	0.627143	-1.59453	0.697978	0.769074	-1.30026	0.634285	1.38083	1.38083	0.967982	0.973335	-1.0274	2.17362	15.6076	6.38266	1
cg02098786	ADCY4	0.143949	0.304862	2.00409	2.00409	0.229581	2.28146	2.28146	0.405941	1.74417	1.74417	0.747393	1.23544	1.23544	0.20487	0.416766	-2.39943	0.107707	0.317111	-3.15347	0.296696	0.49268	-2.02972	0.318298	0.509228	-1.96376	0.0363811	4.91151	4.91151	2.17361	14.7363	6.02634	1
cg04359022	SND1	0.143951	0.546233	0.898977	-1.11238	0.692364	0.932999	-1.07181	0.670815	0.928152	-1.07741	0.175879	1.28529	1.28529	0.0749617	1.41319	1.41319	0.102807	0.732515	-1.36516	0.0996393	1.36987	1.36987	0.485288	1.13163	1.13163	0.115257	0.741831	-1.34802	2.1736	1.04699	0.428164	1
cg06244754	FAM20C	0.143953	0.708786	0.95796	-1.04389	0.649602	1.05376	1.05376	0.952954	1.00678	1.00678	0.128832	0.828703	-1.20671	0.757975	1.03602	1.03602	0.341916	1.11863	1.11863	0.00944459	1.45729	1.45729	0.404394	0.90695	-1.1026	0.338408	0.893178	-1.1196	2.17359	0.451143	0.184495	1
cg27418894	HERC2	0.143957	0.181158	0.739883	-1.35157	0.0246031	0.566622	-1.76485	0.740281	1.07314	1.07314	0.829027	0.955144	-1.04696	0.686988	0.917631	-1.08976	0.429785	1.18653	1.18653	0.0310412	1.71121	1.71121	0.812733	0.950886	-1.05165	0.946556	1.01433	1.01433	2.17356	1.5502	0.633963	1
cg10523966	BMP8A;BMP8A	0.143957	?	?	?	0.604714	0.684367	-1.4612	0.110459	0.272594	-3.66846	0.0100446	0.0763582	-13.0962	0.914889	1.08049	1.08049	0.944512	0.950852	-1.05169	0.477184	0.590715	-1.69287	0.139043	0.305961	-3.26839	0.54837	1.55518	1.55518	2.46441	17.3199	5.27101	1
cg02857557	INPP5F;INPP5F	0.143958	0.306709	1.36129	1.36129	0.830877	0.939564	-1.06432	0.438013	1.25933	1.25933	0.960661	0.985726	-1.01448	0.0472255	0.515931	-1.93824	0.474353	0.808913	-1.23623	0.330024	0.746038	-1.34041	0.0241112	2.19007	2.19007	0.35653	1.31838	1.31838	2.17355	2.92447	1.19598	1
cg11918057	GPR177;GPR177	0.143963	0.0419466	1.66138	1.66138	0.470267	0.852932	-1.17243	0.088266	0.665424	-1.5028	0.982616	0.995293	-1.00473	0.38216	0.823577	-1.21422	0.831057	0.954786	-1.04736	0.829225	0.954298	-1.04789	0.985094	0.995962	-1.00405	0.0251028	0.561587	-1.78067	2.17352	1.61445	0.660249	1
cg24932449	KCNQ1;KCNQ1OT1;KCNQ1	0.143963	0.199373	2.59335	2.59335	0.183088	0.370536	-2.69879	0.677799	1.34129	1.34129	0.969371	0.973376	-1.02735	0.21627	0.400716	-2.49553	0.953189	1.04212	1.04212	0.0124242	8.90467	8.90467	0.222399	2.46254	2.46254	0.500114	1.61776	1.61776	2.17352	17.0026	6.95344	1
cg06532387	INPP5A	0.143963	0.323423	0.614244	-1.62802	0.0758507	2.57062	2.57062	0.102115	2.35126	2.35126	0.94466	0.967371	-1.03373	0.273613	0.580181	-1.7236	0.0337435	0.305797	-3.27014	0.791004	0.880805	-1.13533	0.510986	1.37519	1.37519	0.479443	0.709248	-1.40994	2.17352	7.86061	3.2147	1
cg16955101	PTP4A1	0.143966	0.214578	0.576332	-1.73511	0.608452	1.2435	1.2435	0.0447485	2.6426	2.6426	0.330922	0.654995	-1.52673	0.0363903	0.358453	-2.78977	0.344974	0.663477	-1.50721	0.164454	0.534927	-1.86941	0.585181	0.792567	-1.26172	0.398315	0.694374	-1.44015	2.17349	6.12382	2.50444	1
cg25613559	NLN	0.143969	0.307576	1.75113	1.75113	0.376149	0.617682	-1.61896	0.350056	0.600349	-1.6657	0.154844	2.24268	2.24268	0.491406	1.44878	1.44878	0.102173	2.58279	2.58279	0.326186	1.71212	1.71212	0.0259195	4.066	4.066	0.0728698	2.89027	2.89027	2.17348	9.68621	3.96138	1
cg27298085	MAP2K6	0.143969	0.116094	0.717533	-1.39366	0.371976	1.19502	1.19502	0.317545	1.2224	1.2224	0.630969	0.910217	-1.09864	0.323793	1.21905	1.21905	0.56242	1.12056	1.12056	0.0126471	0.547444	-1.82667	0.799015	1.05084	1.05084	0.503575	1.14103	1.14103	2.17347	1.30044	0.531845	1
cg24151841	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.143972	0.680522	0.908048	-1.10126	0.0328777	0.5591	-1.78859	0.236438	0.748999	-1.33511	0.841024	1.0479	1.0479	0.511425	1.16784	1.16784	0.336111	0.793685	-1.25995	0.0918296	1.54096	1.54096	0.496436	1.17454	1.17454	0.101676	1.5181	1.5181	2.17345	1.86837	0.764119	1
cg26499611	BAIAP3	0.143974	0.395808	1.17511	1.17511	0.0478518	0.657182	-1.52165	0.142022	0.746078	-1.34034	0.264595	1.2408	1.2408	0.437019	1.1585	1.1585	0.232388	1.26161	1.26161	0.434937	0.862586	-1.1593	0.164692	1.31661	1.31661	0.172905	1.30883	1.30883	2.17344	1.18523	0.484732	1
cg07242214	EIF2C2;EIF2C2	0.143976	0.278706	0.704748	-1.41895	0.214583	0.666373	-1.50066	0.947738	0.979841	-1.02057	0.335181	1.36174	1.36174	0.055497	0.509536	-1.96257	0.134717	0.605921	-1.65038	0.0239346	0.432997	-2.30949	0.504447	0.810229	-1.23422	0.0793875	0.546086	-1.83121	2.17343	3.3224	1.3588	1
cg13497017	RYR2	0.14398	0.0144897	3.51312	3.51312	0.779013	0.889283	-1.1245	0.0793519	0.443807	-2.25323	0.64357	0.823364	-1.21453	0.119983	2.02099	2.02099	0.589863	1.25481	1.25481	0.69497	1.17866	1.17866	0.557446	0.780771	-1.28079	0.926351	0.962169	-1.03932	2.1734	5.98886	2.44936	1
cg16831889	HDC	0.143981	0.32264	0.606004	-1.65015	0.272512	0.571251	-1.75054	0.051417	2.96609	2.96609	0.476879	1.4256	1.4256	0.523297	1.37318	1.37318	0.244971	0.550877	-1.81529	0.16616	0.484866	-2.06243	0.215605	0.527842	-1.89451	0.111192	2.34127	2.34127	2.17339	8.27326	3.38366	1
cg15901594	KCNT1	0.143981	0.785226	0.895785	-1.11634	0.873669	1.06621	1.06621	0.401278	1.41358	1.41358	0.753783	0.880937	-1.13516	0.382783	0.697255	-1.4342	0.784254	1.11691	1.11691	0.0147089	0.29826	-3.35278	0.05121	0.408808	-2.44614	0.213701	1.69471	1.69471	2.17339	5.58741	2.28518	1
cg22126032	CAV1	0.143984	0.0479428	4.96967	4.96967	0.29686	2.15314	2.15314	0.16942	2.82345	2.82345	0.0569264	4.60767	4.60767	0.848329	0.873046	-1.14541	0.557501	1.52294	1.52294	0.304905	2.12414	2.12414	0.0123394	9.10923	9.10923	0.345695	1.99099	1.99099	2.17336	17.3072	7.0785	1
cg24688471	MMEL1	0.143985	0.468385	0.84223	-1.18732	0.114213	0.670406	-1.49163	0.251788	0.756818	-1.32132	0.936334	0.981579	-1.01877	0.49497	0.85106	-1.17501	0.627545	0.892446	-1.12052	0.00356089	0.398877	-2.50704	0.501821	0.8533	-1.17192	0.332356	0.79236	-1.26205	2.17336	1.86437	0.762514	1
cg05884032	SALL3	0.143986	0.231035	1.33184	1.33184	0.059834	0.616096	-1.62312	0.0517469	0.603549	-1.65687	0.0440657	0.589969	-1.695	0.497735	0.854693	-1.17001	0.998505	0.999573	-1.00043	0.468275	0.845083	-1.18332	0.379827	1.22812	1.22812	0.745187	1.07722	1.07722	2.17336	1.79073	0.732399	1
cg24167314	PAH	0.143986	0.194349	3.44429	3.44429	0.130292	4.35752	4.35752	0.559704	1.70111	1.70111	0.986436	1.01543	1.01543	0.342583	2.41274	2.41274	0.912784	0.906025	-1.10372	0.0376711	8.77274	8.77274	0.021322	12.0894	12.0894	0.0484322	7.62207	7.62207	2.17335	27.9275	11.4222	1
cg00767679	WDR60	0.143994	0.197793	0.726828	-1.37584	0.760707	1.07422	1.07422	0.78003	0.936483	-1.06782	0.948023	1.0154	1.0154	0.669272	0.904191	-1.10596	0.234834	1.33892	1.33892	0.0113324	2.10264	2.10264	0.677533	1.10298	1.10298	0.130341	0.681843	-1.46661	2.17329	1.89098	0.773421	1
cg22036879	GPR176	0.143995	0.693686	1.24739	1.24739	0.440488	0.644489	-1.55162	0.418016	0.629921	-1.5875	0.742369	1.20227	1.20227	0.154257	0.426708	-2.34353	0.615262	1.32709	1.32709	0.877554	1.08992	1.08992	0.00688031	7.05707	7.05707	0.512672	1.44888	1.44888	2.17329	10.7341	4.39032	1
cg15626105	ABI3BP	0.143995	0.0725019	0.478728	-2.08887	0.507217	1.28059	1.28059	0.0406571	0.41946	-2.38402	0.0967117	0.511576	-1.95474	0.0413736	0.421137	-2.37453	0.306671	0.677727	-1.47552	0.550117	1.24888	1.24888	0.858724	1.06768	1.06768	0.569169	0.809377	-1.23552	2.17329	4.6507	1.90217	1
cg17308044	LOC388796;LOC388796	0.144001	0.258951	0.417808	-2.39344	0.0274509	0.144749	-6.90852	0.196067	0.363112	-2.75397	0.421175	0.54394	-1.83844	0.0820954	0.239929	-4.1679	0.489984	0.594744	-1.6814	0.0223654	0.131595	-7.59905	0.0525642	0.195307	-5.12015	0.561314	0.647115	-1.54532	2.17325	18.8993	7.73008	1
cg01815529	PCSK2	0.144003	0.501923	0.82531	-1.21167	0.248814	1.4044	1.4044	0.523877	1.19959	1.19959	0.214605	1.44494	1.44494	0.84412	0.946049	-1.05703	0.653473	0.880458	-1.13577	0.00693159	0.373667	-2.67618	0.741132	1.0979	1.0979	0.780138	0.92419	-1.08203	2.17323	2.73186	1.11738	1
cg04959815	CYB5R2	0.144003	0.0374411	36.4856	36.4856	0.174511	8.59708	8.59708	0.437823	0.307621	-3.25075	0.571537	0.426703	-2.34355	0.760102	0.633689	-1.57806	0.561835	2.39578	2.39578	0.98353	0.96972	-1.03123	0.0337957	40.1203	40.1203	0.0732397	19.602	19.602	2.17323	76.3693	31.2363	1
cg08104283	MCF2L;MCF2L	0.144006	0.085765	1.50373	1.50373	0.397757	1.20444	1.20444	0.498427	0.862739	-1.1591	0.0662512	1.55673	1.55673	0.831425	1.04686	1.04686	0.011697	1.96752	1.96752	0.183184	1.35447	1.35447	0.422441	1.19248	1.19248	0.936869	0.983126	-1.01716	2.17321	1.58853	0.649742	1
cg04543865	GAN	0.144006	0.296719	1.4429	1.4429	0.46241	1.28855	1.28855	0.0284152	2.40277	2.40277	0.133934	1.72942	1.72942	0.225625	1.53918	1.53918	0.251169	0.6661	-1.50128	0.141973	0.585633	-1.70755	0.750925	0.897698	-1.11396	0.243394	1.51236	1.51236	2.17321	3.95303	1.61687	1
cg19382885	SND1	0.144009	0.326593	0.591709	-1.69002	0.099302	0.392153	-2.55002	0.0540689	0.322118	-3.10446	0.549574	1.36848	1.36848	0.0274614	0.258915	-3.86228	0.741868	0.842608	-1.18679	0.565211	1.35151	1.35151	0.515713	1.407	1.407	0.124791	0.42276	-2.36541	2.17319	9.23924	3.77908	1
cg04700925	KIAA0922;KIAA0922	0.144009	0.385098	1.12793	1.12793	0.584555	1.0775	1.0775	0.00961895	1.55754	1.55754	0.824116	0.970354	-1.03055	0.638779	1.06601	1.06601	0.0375423	1.38574	1.38574	0.427948	0.896359	-1.11562	0.799218	0.966128	-1.03506	0.39848	1.12397	1.12397	2.17319	0.629086	0.257312	1
cg18479798	SF1;SF1;SF1	0.144011	0.509373	1.87652	1.87652	0.0596988	7.37606	7.37606	0.0307332	10.8744	10.8744	0.520401	1.84534	1.84534	0.0865553	0.168589	-5.93158	0.506154	1.88579	1.88579	0.718506	0.711492	-1.4055	0.144974	4.35788	4.35788	0.437656	2.10544	2.10544	2.17317	30.4362	12.4493	1
cg08283206	ARHGEF10	0.144014	0.232596	0.573058	-1.74502	0.0115706	0.245533	-4.07277	0.0768702	0.416821	-2.39911	0.788588	1.12698	1.12698	0.322134	0.634496	-1.57605	0.66394	0.823293	-1.21463	0.439082	1.42051	1.42051	0.502923	1.35309	1.35309	0.53386	1.32346	1.32346	2.17316	6.80914	2.78515	1
cg00948524	RNF135;RNF135	0.144015	0.191328	0.362291	-2.76021	0.110848	3.57843	3.57843	0.450535	1.75811	1.75811	0.297623	2.20875	2.20875	0.120071	0.290077	-3.44736	0.586171	1.49695	1.49695	0.0342984	6.12415	6.12415	0.34088	2.05508	2.05508	0.247452	2.42898	2.42898	2.17315	18.5381	7.58271	1
cg26348939	EFEMP2	0.144018	0.0206917	0.504033	-1.984	0.497255	0.844099	-1.1847	0.669395	1.11141	1.11141	0.300274	0.767993	-1.3021	0.830493	1.05413	1.05413	0.558987	1.15641	1.15641	0.0184753	0.495228	-2.01927	0.604133	1.13727	1.13727	0.684688	0.904476	-1.10561	2.17312	2.08151	0.851415	1
cg09764075	GDPD2;GDPD2;GDPD2;GDPD2	0.14402	0.238	0.526196	-1.90043	0.0412659	0.294351	-3.3973	0.745177	1.1846	1.1846	0.861748	1.09477	1.09477	0.108887	0.403213	-2.48008	0.139495	0.437771	-2.2843	0.112436	0.407499	-2.454	0.0330553	0.273987	-3.64981	0.614398	1.30199	1.30199	2.17311	9.28746	3.79894	1
cg04560767	DGCR2	0.144021	0.654101	0.797575	-1.2538	0.119664	2.33209	2.33209	0.0206881	4.04365	4.04365	0.393939	1.54946	1.54946	0.14527	0.456425	-2.19094	0.789257	1.14378	1.14378	0.724795	1.19394	1.19394	0.0632811	2.85041	2.85041	0.975455	1.01555	1.01555	2.1731	8.65564	3.54052	1
cg15873715	DAB2;DAB2	0.144022	0.0723721	1.91453	1.91453	0.0344611	2.22305	2.22305	0.814587	0.92673	-1.07906	0.162787	1.62031	1.62031	0.519782	1.23535	1.23535	0.120832	0.57989	-1.72446	0.225307	0.661999	-1.51058	0.748728	1.10971	1.10971	0.85369	1.06162	1.06162	2.1731	3.61098	1.47705	1
cg24058386	C1orf61	0.144028	0.0430282	0.200835	-4.97921	0.10511	0.294957	-3.39033	0.315734	0.4891	-2.04457	0.233444	0.422604	-2.36628	0.190631	0.384623	-2.59995	0.500775	0.624276	-1.60186	0.0148598	0.126721	-7.89136	0.957388	0.96383	-1.03753	0.0682394	0.244707	-4.08652	2.17306	16.3599	6.69202	1
cg12503235	POU2F2	0.144028	0.0988268	1.8661	1.8661	0.539693	1.23866	1.23866	0.842655	0.933786	-1.07091	0.105466	0.543517	-1.83987	0.313229	0.697985	-1.43269	?	?	?	0.033355	0.424356	-2.35651	0.555315	1.22832	1.22832	0.469627	1.28864	1.28864	2.19113	3.66537	1.67283	1
cg19236431	SYNJ2	0.144029	0.911377	1.04791	1.04791	0.0049195	4.78758	4.78758	0.835561	1.0913	1.0913	0.378063	0.683759	-1.4625	0.589923	0.795567	-1.25696	0.477304	1.35488	1.35488	0.577207	0.789214	-1.26708	0.280325	1.60272	1.60272	0.453439	1.37852	1.37852	2.17305	6.08057	2.48726	1
cg00419568	LPIN1	0.144031	0.26775	0.731111	-1.36778	0.0493393	1.83783	1.83783	0.341909	1.30429	1.30429	0.840624	1.05614	1.05614	0.362859	0.775918	-1.2888	0.50978	0.834103	-1.19889	0.0568037	0.55719	-1.79472	0.367486	0.777915	-1.28549	0.0958574	0.608847	-1.64245	2.17303	2.5329	1.03609	1
cg09801842	SFXN1	0.144032	0.0061957	0.0260484	-38.39	0.290808	3.06587	3.06587	0.343676	2.7099	2.7099	0.869364	1.1832	1.1832	0.55101	0.539829	-1.85244	0.279947	0.317313	-3.15146	0.338656	0.36496	-2.74003	0.652286	0.629046	-1.58971	0.760265	0.731415	-1.36721	2.17303	35.9456	14.7038	1
cg05578570	ZFPM1	0.144033	0.0682449	0.620711	-1.61105	0.622599	1.12285	1.12285	0.143587	0.69276	-1.4435	0.0914759	0.647854	-1.54356	0.0122034	0.482189	-2.07388	0.243348	0.751908	-1.32995	0.272042	0.765633	-1.30611	0.199872	0.728822	-1.37208	0.398174	0.817051	-1.22391	2.17302	1.87764	0.768063	1
cg00944388	PRSS22	0.144034	0.0982185	0.512481	-1.95129	0.169509	0.583096	-1.71498	0.336351	0.693937	-1.44105	0.273728	0.657171	-1.52167	0.0881075	0.499734	-2.00107	0.11774	0.534642	-1.87041	0.00840242	0.289152	-3.45838	0.144014	0.56072	-1.78342	0.46195	0.758797	-1.31788	2.17301	4.67548	1.91255	1
cg26556918	ICA1L;ICA1L	0.144035	0.228458	0.565562	-1.76815	0.512115	1.34957	1.34957	0.0943663	2.29135	2.29135	0.700827	1.19013	1.19013	0.540054	1.32274	1.32274	0.0158237	0.263719	-3.79191	0.761817	1.14691	1.14691	0.977426	1.01284	1.01284	0.203672	1.83115	1.83115	2.17301	6.99686	2.86213	1
cg00405699	ST8SIA4;ST8SIA4	0.144035	0.142882	3.19386	3.19386	0.0206564	7.80815	7.80815	0.235085	2.50355	2.50355	0.489792	1.67757	1.67757	0.492805	1.67138	1.67138	0.214339	2.62225	2.62225	0.495949	1.66497	1.66497	0.014885	9.10372	9.10372	0.105052	3.69184	3.69184	2.173	18.7149	7.65553	1
cg10852358	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4	0.144036	0.747569	1.06732	1.06732	0.0918984	0.687723	-1.45407	0.716741	0.929124	-1.07628	0.437457	1.17329	1.17329	0.0901875	1.45754	1.45754	0.901312	1.02535	1.02535	0.368037	0.829821	-1.20508	0.017621	1.79067	1.79067	0.788827	1.05565	1.05565	2.173	1.4009	0.573052	1
cg21297395	WRB;WRB	0.144037	0.324355	2.09901	2.09901	0.0841281	4.02354	4.02354	0.027135	6.72219	6.72219	0.653348	1.39005	1.39005	0.334508	2.06492	2.06492	0.642682	1.40547	1.40547	0.0298985	6.43176	6.43176	0.0823059	4.06394	4.06394	0.0661118	4.48965	4.48965	2.17299	18.2646	7.47136	1
cg23235297	TMX4	0.144038	0.913539	1.02362	1.02362	0.349679	0.813084	-1.22989	0.154118	0.720419	-1.38808	0.384172	1.21142	1.21142	0.491163	1.16219	1.16219	0.316408	0.800411	-1.24936	0.00647098	0.467238	-2.14024	0.523441	0.870238	-1.14911	0.95756	0.988627	-1.0115	2.17298	1.58996	0.650394	1
cg23765003	MMD;MMD	0.144039	0.273148	1.81234	1.81234	0.878906	1.08222	1.08222	0.394995	0.635661	-1.57316	0.741534	0.842311	-1.18721	0.00821289	0.161455	-6.19366	0.632879	0.779061	-1.2836	0.094161	0.379915	-2.63217	0.2512	0.535028	-1.86906	0.890487	1.07401	1.07401	2.28734	9.52302	3.23817	1
cg20038493	RIPK3;RIPK3	0.144039	0.0404897	4.01881	4.01881	0.614435	1.34799	1.34799	0.145766	0.399255	-2.50466	0.650536	1.30749	1.30749	0.0768008	3.18026	3.18026	0.286279	1.91747	1.91747	0.130464	0.382832	-2.61211	0.941352	0.957666	-1.04421	0.278668	1.93904	1.93904	2.17297	11.8941	4.86548	1
cg15795838	PFKFB3;PFKFB3	0.14404	0.311035	1.20437	1.20437	0.396771	1.16644	1.16644	0.368726	0.848917	-1.17797	0.0241269	1.61141	1.61141	0.746164	1.05932	1.05932	0.0997947	1.37713	1.37713	0.109338	1.36308	1.36308	0.322093	0.834037	-1.19899	0.360405	0.846352	-1.18154	2.17297	1.08329	0.443136	1
cg19465011	PTPRN2;PTPRN2;PTPRN2	0.144041	0.0420688	1.66687	1.66687	0.0184467	1.86555	1.86555	0.198234	0.743327	-1.3453	0.374005	1.22025	1.22025	0.807642	0.948181	-1.05465	0.314778	1.25453	1.25453	0.839003	1.04538	1.04538	0.519063	0.867111	-1.15325	0.959654	0.989025	-1.0111	2.17296	1.63761	0.669894	1
cg27117749	FAM184B	0.144041	0.832477	0.924827	-1.08128	0.857468	0.935826	-1.06857	0.320508	1.46039	1.46039	0.0198379	2.82255	2.82255	0.673252	0.855149	-1.16939	0.120898	1.85993	1.85993	0.107086	0.522576	-1.9136	0.236674	0.632906	-1.58001	0.793904	1.10141	1.10141	2.17296	4.6844	1.91624	1
cg03566409	TFDP1;TFDP1	0.144041	0.709468	0.936437	-1.06788	0.273643	0.818807	-1.22129	0.757147	0.947024	-1.05594	0.834635	1.03736	1.03736	0.104513	1.36531	1.36531	0.987816	0.997324	-1.00268	0.0106343	1.75708	1.75708	0.272965	0.818557	-1.22166	0.565581	0.903099	-1.1073	2.17296	1.05974	0.433506	1
cg13800769	KCNA6	0.144044	0.0166469	0.427132	-2.3412	0.753816	1.09585	1.09585	0.124951	0.616785	-1.62131	0.331879	0.747317	-1.33812	0.215333	0.68424	-1.46148	0.604113	0.858827	-1.16438	0.0720482	0.557556	-1.79354	0.182634	0.662664	-1.50906	0.0459205	0.513931	-1.94579	2.17294	2.91325	1.19173	1
cg22119665	ZDHHC8P	0.144047	0.0191147	11.4676	11.4676	0.392248	2.1254	2.1254	0.363308	2.23372	2.23372	0.443245	1.95902	1.95902	0.297244	2.53343	2.53343	0.259424	2.75118	2.75118	0.213205	3.08829	3.08829	0.0130383	14.1477	14.1477	0.105215	4.58479	4.58479	2.17292	25.4647	10.417	1
cg18229859	RBPJ;RBPJ;RBPJ;RBPJ	0.144047	0.0765744	0.598947	-1.6696	0.166299	1.46825	1.46825	0.0844929	0.608619	-1.64306	0.454207	0.820061	-1.21942	0.046822	0.553107	-1.80797	0.916542	1.02765	1.02765	0.0616088	0.578196	-1.72952	0.508963	0.840011	-1.19046	0.485441	0.831562	-1.20256	2.17292	2.33022	0.953238	1
cg02049373	PTPRR	0.144047	0.76034	1.10904	1.10904	0.392189	1.3452	1.3452	0.955848	0.981445	-1.01891	0.761269	0.902054	-1.10858	0.037616	0.442244	-2.2612	0.36107	1.37384	1.37384	0.013373	0.35471	-2.8192	0.726948	1.12591	1.12591	0.992245	0.996718	-1.00329	2.17292	3.93826	1.61105	1
cg00447582	RAB11FIP3;RAB11FIP3	0.144052	0.445477	0.808774	-1.23644	0.110188	1.60813	1.60813	0.464345	0.816097	-1.22534	0.298514	1.34186	1.34186	0.586199	0.860716	-1.16182	0.787348	0.928874	-1.07657	0.49934	1.20578	1.20578	0.121934	1.5801	1.5801	0.0221308	0.473007	-2.11413	2.17288	2.56257	1.0483	1
cg27572343	EMILIN2	0.144053	0.0828114	0.792763	-1.26141	0.536252	1.07866	1.07866	0.352001	0.890658	-1.12277	0.16735	1.19476	1.19476	0.321108	1.13194	1.13194	0.0305804	1.35959	1.35959	0.369893	1.11776	1.11776	0.568558	0.9327	-1.07216	0.346264	0.889351	-1.12442	2.17287	0.502998	0.205769	1
cg23489729	DIRC2;HSPBAP1	0.144062	0.790799	0.949982	-1.05265	0.572564	0.895793	-1.11633	0.880584	1.02944	1.02944	0.028214	0.606481	-1.64886	0.055632	0.657988	-1.51978	0.137089	0.734132	-1.36215	0.0379808	0.628562	-1.59093	0.527714	1.13143	1.13143	0.832024	1.04185	1.04185	2.17281	1.28179	0.524375	1
ch.7.2184863F	CUX1;CUX1;CUX1	0.144073	0.0263243	0.32761	-3.05241	0.585515	0.791949	-1.26271	0.071806	0.426822	-2.3429	0.0400531	0.366016	-2.73212	0.245213	0.597582	-1.67341	0.119978	0.489435	-2.04317	0.0436481	0.374389	-2.67102	0.258034	0.606577	-1.64859	0.453861	0.723845	-1.38151	2.17274	6.17406	2.52587	1
ch.1.24684R	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.144073	0.0348063	0.65296	-1.53149	0.0828831	0.716976	-1.39475	0.288974	0.826373	-1.21011	0.0460003	0.672865	-1.48618	0.081664	0.715825	-1.39699	0.840981	0.965793	-1.03542	0.507163	1.12366	1.12366	0.752636	0.946694	-1.05631	0.519943	1.11964	1.11964	2.17273	1.03296	0.422595	1
cg15067127	GLUL;GLUL;GLUL	0.144074	0.403087	1.28854	1.28854	0.119187	1.6504	1.6504	0.683181	0.885525	-1.12927	0.0102116	2.61037	2.61037	0.633992	0.867526	-1.1527	0.516222	0.822819	-1.21533	0.497908	1.22614	1.22614	0.326943	1.34964	1.34964	0.259572	0.705779	-1.41687	2.17273	3.02062	1.23577	1
cg23307264	KHSRP	0.144075	0.0900144	1.31663	1.31663	0.140742	0.791957	-1.2627	0.484561	0.900716	-1.11023	0.290644	1.1752	1.1752	0.038326	1.42381	1.42381	0.0680546	1.35096	1.35096	0.814507	1.0352	1.0352	0.887286	1.0211	1.0211	0.64484	0.933955	-1.07072	2.17272	0.745714	0.305082	1
cg12700283	TNRC6C;TNRC6C	0.144076	0.606253	1.13742	1.13742	0.144614	0.678367	-1.47413	0.690367	1.10425	1.10425	0.113099	1.53276	1.53276	0.564665	1.15511	1.15511	0.187129	0.707318	-1.41379	0.0824181	0.620974	-1.61037	0.218433	0.725715	-1.37795	0.107651	1.54469	1.54469	2.17271	2.11064	0.863493	1
cg03459312	WWC2;C4orf38	0.144077	0.372953	1.50182	1.50182	0.126439	0.479454	-2.08571	0.161993	1.94235	1.94235	0.18317	1.8738	1.8738	0.126109	0.479097	-2.08726	0.292713	0.615482	-1.62474	0.061695	0.392307	-2.54902	0.289623	0.613421	-1.6302	0.735213	0.85991	-1.16291	2.1727	6.80276	2.78312	1
cg25664715	LST1;LST1;LST1;LST1;LST1;LST1;LST1;LST1	0.144081	0.968807	0.992866	-1.00719	0.0702309	0.69035	-1.44854	0.858051	1.03332	1.03332	0.982425	0.995975	-1.00404	0.68245	1.07823	1.07823	0.0941324	1.40071	1.40071	0.0234196	1.64182	1.64182	0.214626	1.27023	1.27023	0.234479	1.25632	1.25632	2.17268	1.1536	0.471964	1
cg09942293	RRAD;RRAD	0.144084	0.141962	0.527924	-1.89421	0.441192	0.727776	-1.37405	0.973486	0.986643	-1.01354	0.179906	0.562009	-1.77933	0.0824149	0.459146	-2.17796	0.0760718	0.449936	-2.22254	0.02603	0.343436	-2.91175	0.0476881	0.400045	-2.49972	0.0995322	0.481712	-2.07593	2.17265	5.6327	2.30448	1
cg12563240	AMN1;AMN1	0.144087	0.0595786	0.545159	-1.83433	0.683676	0.889684	-1.124	0.304881	0.738474	-1.35414	0.269368	1.38848	1.38848	0.0774815	1.75062	1.75062	0.51723	0.82915	-1.20605	0.0501956	0.528849	-1.8909	0.307222	0.739632	-1.35202	0.505476	0.824651	-1.21263	2.17263	2.80152	1.14618	1
cg12114933	THBS2	0.144091	0.15194	0.694007	-1.44091	0.0233491	0.52473	-1.90574	0.67039	0.903133	-1.10726	0.588864	0.878219	-1.13867	0.446047	0.831229	-1.20304	0.189261	0.718244	-1.39228	0.0564849	1.67176	1.67176	0.504996	0.851306	-1.17467	0.592317	1.13728	1.13728	2.17261	1.94874	0.797297	1
cg09440215	C19orf18	0.144092	0.0749442	2.26903	2.26903	0.0613743	2.38873	2.38873	0.800567	1.11024	1.11024	0.219802	1.70411	1.70411	0.217649	0.585202	-1.70881	0.0389679	2.68406	2.68406	0.708345	0.856206	-1.16794	0.486683	1.33908	1.33908	0.137617	1.93588	1.93588	2.1726	5.87275	2.40275	1
cg02472291	C8orf45;C8orf45;C8orf45;C8orf45;C8orf45	0.144092	0.1933	6.75079	6.75079	0.58994	0.472704	-2.11549	0.189944	6.86268	6.86268	0.409719	0.312424	-3.20078	0.128997	0.10195	-9.80877	0.142888	0.111939	-8.93347	0.169373	0.13094	-7.63707	0.701829	0.588966	-1.69789	0.0605464	19.404	19.404	2.28691	67.0544	22.8052	1
cg23475474	AXIN2	0.144097	0.69781	0.838996	-1.1919	0.00711424	0.209246	-4.77908	0.0827539	0.421293	-2.37365	0.393438	1.48187	1.48187	0.441267	0.702367	-1.42376	0.267522	0.594712	-1.68149	0.389149	0.672293	-1.48745	0.338753	0.64169	-1.55838	0.772069	1.1396	1.1396	2.17257	6.96509	2.84971	1
cg19500607	HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HTR4	0.144101	0.833027	1.10075	1.10075	0.715559	0.846703	-1.18105	0.422284	0.688862	-1.45167	0.327476	1.58347	1.58347	0.45815	1.40989	1.40989	0.114008	2.18534	2.18534	0.009146	0.221946	-4.50561	0.717085	1.17994	1.17994	0.796628	0.889204	-1.1246	2.17254	7.11385	2.91061	1
cg03245271	XKR6	0.144101	0.8761	0.979452	-1.02098	0.0174184	1.46994	1.46994	0.408551	1.11905	1.11905	0.928263	1.01205	1.01205	0.898323	1.01716	1.01716	0.0640314	1.31912	1.31912	0.677989	0.945954	-1.05713	0.25937	0.855069	-1.1695	0.0849716	1.28848	1.28848	2.17254	0.609261	0.249278	1
cg05143092	C6orf136;C6orf136;C6orf136	0.144102	0.0997496	1.44241	1.44241	0.0410878	1.61385	1.61385	0.123718	0.712796	-1.40293	0.44611	0.854098	-1.17083	0.700875	0.924613	-1.08153	0.680584	0.919378	-1.08769	0.52734	1.13888	1.13888	0.0626427	1.53024	1.53024	0.883452	1.03024	1.03024	2.17253	1.41886	0.580526	1
cg11463170	C2orf44;C2orf44	0.144105	0.1272	0.36015	-2.77662	0.166901	0.401574	-2.4902	0.113166	0.343903	-2.9078	0.4658	0.631582	-1.58333	0.0256508	0.193755	-5.16116	0.0500308	0.250686	-3.98905	0.0402689	0.230613	-4.33626	0.745134	0.817143	-1.22378	0.146818	0.381339	-2.62234	2.17251	13.1891	5.39637	1
cg12723026	KCNC4;KCNC4;KCNC4	0.14411	0.113706	0.363992	-2.74732	0.102154	0.349768	-2.85904	0.0496619	0.268483	-3.72463	0.139631	0.393198	-2.54325	0.0184345	0.186588	-5.35941	0.192893	0.445212	-2.24612	0.0797763	0.31927	-3.13215	0.211094	0.461291	-2.16783	0.210139	0.460464	-2.17172	2.17247	11.8649	4.85463	1
cg19893717	USP15	0.144111	0.888931	0.983205	-1.01708	0.88094	0.981997	-1.01833	0.0244864	0.722647	-1.3838	0.0653906	0.778256	-1.28492	0.480539	1.09081	1.09081	0.527856	0.925403	-1.08061	0.0637206	0.776739	-1.28743	0.237815	1.1617	1.1617	0.890982	1.01676	1.01676	2.17246	0.50551	0.206836	1
cg13380277	TRIO	0.144116	0.0145978	0.335971	-2.97645	0.242307	1.5586	1.5586	0.174065	0.591906	-1.68946	0.26515	0.656293	-1.52371	0.123421	0.545971	-1.8316	0.358405	0.709996	-1.40846	0.314679	0.685869	-1.458	0.499203	0.779758	-1.28245	0.0862806	0.502935	-1.98833	2.17243	4.52515	1.85155	1
cg00999988	GALNT3	0.144116	0.223059	0.304057	-3.28886	0.252159	3.04153	3.04153	0.71753	1.4019	1.4019	0.76929	1.31455	1.31455	0.434156	2.10034	2.10034	0.0942715	5.53213	5.53213	0.0829658	5.96045	5.96045	0.0279411	11.1915	11.1915	0.071083	6.52053	6.52053	2.17243	29.7518	12.1735	1
cg10066189	VPS52;RPS18	0.144117	0.794834	1.03453	1.03453	0.5263	1.08725	1.08725	0.212338	1.18666	1.18666	0.275792	0.862686	-1.15917	0.212069	1.1868	1.1868	0.320404	0.874798	-1.14312	0.0908574	0.78452	-1.27466	0.25078	1.16923	1.16923	0.0366658	1.37204	1.37204	2.17242	0.584016	0.238961	1
cg09445799	NFATC2IP	0.144119	0.0267481	1.66896	1.66896	0.291845	0.807794	-1.23794	0.869183	1.03269	1.03269	0.553604	0.889634	-1.12406	0.119024	0.718783	-1.39124	0.687991	0.924239	-1.08197	0.513534	1.13804	1.13804	0.496016	1.14442	1.14442	0.065312	0.66778	-1.4975	2.17241	1.31045	0.5362	1
cg20253913	KRTAP10-9;C21orf29;KRTAP10-9	0.144119	0.942538	0.955582	-1.04648	0.0591428	3.83039	3.83039	0.810514	1.16345	1.16345	0.629955	0.736408	-1.35794	0.152363	0.380499	-2.62813	0.800377	1.17315	1.17315	0.0312077	0.203225	-4.92065	0.123966	0.349934	-2.85768	0.455549	1.61449	1.61449	2.17241	13.6678	5.59248	1
cg05155472	KIF14;KIF14	0.14412	0.0248557	0.55215	-1.8111	0.349391	0.807152	-1.23892	0.293495	0.784779	-1.27424	0.251778	0.766227	-1.3051	0.0614073	0.625818	-1.59791	0.458008	0.845289	-1.18303	0.026517	0.557152	-1.79484	0.910441	0.975285	-1.02534	0.507185	1.16143	1.16143	2.1724	1.70186	0.696359	1
cg19964403	SH3BP4	0.14412	0.0536289	0.51946	-1.92508	0.0286526	2.16301	2.16301	0.301651	1.37688	1.37688	0.287563	1.39097	1.39097	0.146649	1.59295	1.59295	0.74304	1.10331	1.10331	0.551771	1.19714	1.19714	0.404332	0.774908	-1.29048	0.924003	0.971887	-1.02893	2.1724	3.07302	1.2574	1
cg19476445	CCDC125	0.14412	0.553047	0.8071	-1.239	0.00851639	0.301475	-3.31702	0.20328	0.619028	-1.61544	0.805024	0.915461	-1.09235	0.582783	0.820265	-1.21912	0.724043	0.881089	-1.13496	0.163368	1.7011	1.7011	0.645908	1.17965	1.17965	0.16829	0.59195	-1.68933	2.1724	4.38816	1.79552	1
cg16990120	BOLA1	0.144122	0.631501	1.07404	1.07404	0.0471981	0.71488	-1.39884	0.958845	1.00766	1.00766	0.720704	0.948322	-1.05449	0.710208	1.05672	1.05672	0.458949	1.1179	1.1179	0.241677	1.19857	1.19857	0.805681	0.964226	-1.0371	0.0138565	0.637965	-1.56748	2.17239	0.751617	0.307544	1
cg17968795	C2orf55	0.144123	0.0462098	32.8648	32.8648	0.0775092	20.0945	20.0945	0.131576	12.0493	12.0493	0.130191	12.175	12.175	0.410856	3.61785	3.61785	0.148099	10.7227	10.7227	0.0436547	34.6886	34.6886	0.0363472	41.2855	41.2855	0.165757	9.5846	9.5846	2.17238	80.442	32.915	1
cg22557641	DNAJC1	0.144129	0.9124	0.990657	-1.00943	0.597422	1.04651	1.04651	0.225202	1.11477	1.11477	0.668998	1.03736	1.03736	0.109845	1.16028	1.16028	0.0548844	0.83052	-1.20407	0.439084	1.06963	1.06963	0.0215298	1.26552	1.26552	0.651961	1.03949	1.03949	2.17233	0.250306	0.102422	1
cg13710842	FCHO2;FCHO2	0.144133	0.422535	1.18802	1.18802	0.978468	1.00569	1.00569	0.402053	0.834966	-1.19765	0.636083	1.10544	1.10544	0.901428	0.974277	-1.0264	0.827411	1.04699	1.04699	0.0188447	0.549731	-1.81907	0.0736564	1.52102	1.52102	0.11856	1.4281	1.4281	2.17231	1.5217	0.622664	1
cg05452066	SIL1;SIL1	0.144133	0.034023	0.162675	-6.14721	0.0934924	0.258225	-3.87259	0.0864793	0.249107	-4.01434	0.278145	0.437062	-2.288	0.0191493	0.124855	-8.00927	0.767432	0.804398	-1.24317	0.0994146	0.265664	-3.76416	0.311988	0.464103	-2.15469	0.279788	0.438396	-2.28104	2.1723	18.5324	7.58331	1
cg14781922	TP73;WDR8	0.144139	0.0394281	12.2476	12.2476	0.235319	3.69828	3.69828	0.238079	3.66733	3.66733	0.367094	2.6492	2.6492	0.460269	0.453612	-2.20452	0.469687	0.461428	-2.16719	0.939417	0.923184	-1.08321	0.410371	2.42355	2.42355	0.0161378	22.0906	22.0906	2.17226	38.0394	15.5657	1
cg10891259	C1orf203;ATP1A1;ATP1A1;ATP1A1;C1orf203	0.144144	0.441561	1.34863	1.34863	0.314112	1.48703	1.48703	0.317069	1.4832	1.4832	0.977695	1.01071	1.01071	0.0297472	0.3772	-2.65111	0.619598	0.826352	-1.21014	0.565024	1.24819	1.24819	0.0457267	2.39411	2.39411	0.241785	0.626899	-1.59515	2.17223	4.99764	2.04506	1
cg24438423	NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2;NKIRAS2	0.144145	0.576356	0.882488	-1.13316	0.00781872	2.12994	2.12994	0.188848	1.36112	1.36112	0.290943	0.784501	-1.2747	0.655471	0.905329	-1.10457	0.88474	0.968386	-1.03265	0.523271	0.86652	-1.15404	0.680132	0.912275	-1.09616	0.436568	0.838805	-1.19217	2.17223	1.68741	0.690501	1
cg00675838	GPR63;GPR63	0.144146	?	?	?	0.110508	8.3932	8.3932	0.124935	7.58917	7.58917	0.731269	1.50557	1.50557	0.0442801	0.0559035	-17.888	0.450722	2.50175	2.50175	0.201498	5.10748	5.10748	?	?	?	0.419621	2.67768	2.67768	2.4816	40.8971	14.1258	1
cg02110333	NDUFS6;MRPL36	0.144146	0.779684	1.49412	1.49412	0.0143502	87.1935	87.1935	0.243067	5.81625	5.81625	0.234503	6.02921	6.02921	0.189316	0.134267	-7.44784	0.748781	1.58427	1.58427	0.588646	2.18723	2.18723	0.0463922	28.1139	28.1139	0.691845	1.76941	1.76941	2.28649	72.6248	24.7043	1
cg14630722	TMOD1;TMOD1	0.14415	0.0507646	0.0793852	-12.5968	?	?	?	0.405833	2.16583	2.16583	?	?	?	0.238426	0.308554	-3.24092	?	?	?	0.0798432	0.123829	-8.07565	0.182101	0.250163	-3.99739	?	?	?	3.94089	21.0525	3.20525	1
cg02150927	PRIM2	0.144156	0.0994848	0.483563	-2.06798	0.0951686	0.478153	-2.09138	0.0164749	0.307532	-3.25169	0.19387	0.575133	-1.73873	0.62373	0.81958	-1.22014	0.0299938	0.357974	-2.7935	0.150542	0.537913	-1.85904	0.660249	0.836943	-1.19482	0.441269	0.729069	-1.37161	2.17214	5.57055	2.27959	1
cg01991582	CD82;CD82;CD82;CD82	0.144157	0.58316	0.858891	-1.16429	0.348522	1.3033	1.3033	0.291261	1.35064	1.35064	0.00823474	0.395492	-2.52849	0.20993	0.695824	-1.43714	0.747853	1.09256	1.09256	0.508583	1.20209	1.20209	0.731516	1.09914	1.09914	0.564108	1.17355	1.17355	2.17214	2.59158	1.06053	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07747559	NAAA;NAAA	0.144161	0.699247	0.92536	-1.08066	0.665694	0.916805	-1.09074	0.0236754	0.582911	-1.71553	0.33496	0.819808	-1.2198	0.904822	0.976381	-1.02419	0.307617	1.23494	1.23494	0.340486	1.21688	1.21688	0.0229024	0.580486	-1.7227	0.961904	0.990501	-1.00959	2.17211	1.37356	0.562099	1
cg22828602	CADPS2;RNF133;CADPS2;CADPS2	0.144163	0.937618	1.06746	1.06746	0.658676	0.690198	-1.44886	0.244829	0.36252	-2.75847	0.0556878	0.163929	-6.10019	0.0156141	0.0843686	-11.8527	0.0416646	0.141059	-7.08922	0.799462	0.808709	-1.23654	0.820602	0.827422	-1.20857	0.13058	0.256223	-3.90284	2.1721	23.9299	9.79287	1
cg05007472	C1orf159	0.144164	0.792482	1.04561	1.04561	0.436641	0.874384	-1.14366	0.247903	0.815186	-1.22671	0.0407242	0.670566	-1.49128	0.0803985	0.720318	-1.38827	0.436541	1.1437	1.1437	0.0534613	1.44925	1.44925	0.690574	0.934555	-1.07003	0.573162	0.908192	-1.10109	2.17209	0.984358	0.402831	1
cg19368031	MYST4	0.144164	0.377488	0.699645	-1.4293	0.170078	1.77956	1.77956	0.471801	1.33469	1.33469	0.753138	0.882985	-1.13252	0.00815881	0.263029	-3.80186	0.768698	1.12335	1.12335	0.266343	1.57903	1.57903	0.831353	1.08776	1.08776	0.886995	1.05769	1.05769	2.17209	5.35205	2.19023	1
cg10191399	CMIP;CMIP	0.144166	0.149533	0.403755	-2.47675	0.418349	0.61547	-1.62477	0.0338484	0.233607	-4.2807	0.477985	0.654811	-1.52716	0.141273	0.395136	-2.53078	0.614345	0.742151	-1.34744	0.00909854	0.142977	-6.99415	0.920567	1.06029	1.06029	0.553306	0.703302	-1.42186	2.17207	11.8503	4.84956	1
cg04087207	C20orf186	0.144166	0.231491	0.481109	-2.07853	0.520267	0.683895	-1.46221	0.308133	0.540648	-1.84963	0.0775696	0.318636	-3.13837	0.0142607	0.171678	-5.82487	0.19989	0.454074	-2.20228	0.232095	0.481608	-2.07638	0.0288738	0.222642	-4.49151	0.155423	0.412203	-2.42599	2.17207	11.6921	4.78482	1
cg16388829	ARID5A	0.144166	0.046985	0.737732	-1.35551	0.323364	1.14621	1.14621	0.977992	0.996316	-1.0037	0.660619	0.942605	-1.06089	0.507466	0.91397	-1.09413	0.123112	0.799744	-1.2504	0.610517	0.933588	-1.07114	0.136151	0.806679	-1.23965	0.0515294	1.34515	1.34515	2.17207	0.61568	0.251958	1
cg16332577	C17orf37	0.144168	0.824441	0.935651	-1.06877	0.894643	1.04046	1.04046	0.106294	1.69555	1.69555	0.399874	1.29432	1.29432	0.259255	0.703042	-1.42239	0.0241252	0.44706	-2.23684	0.271688	0.709962	-1.40853	0.0909195	0.572636	-1.74631	0.745071	1.1026	1.1026	2.17206	3.08297	1.26167	1
cg04520340	PRKCZ;PRKCZ;PRKCZ	0.14417	0.0537393	2.48013	2.48013	0.70247	1.17253	1.17253	0.041948	2.64349	2.64349	0.0515132	2.5073	2.5073	0.591752	1.25171	1.25171	0.922342	0.96037	-1.04127	0.475089	1.35149	1.35149	0.5922	1.25136	1.25136	0.0222359	3.11582	3.11582	2.17204	5.91605	2.42109	1
cg27477990	EDEM2;EDEM2;EDEM2;EDEM2;EDEM2	0.144171	0.0637773	0.756104	-1.32257	0.708276	1.05172	1.05172	0.0377674	0.723794	-1.38161	0.079991	0.770572	-1.29774	0.461952	1.10569	1.10569	0.310365	0.868637	-1.15123	0.0534915	0.745096	-1.34211	0.925047	0.987455	-1.0127	0.897901	1.01737	1.01737	2.17204	0.619204	0.253404	1
cg08731067	OSBPL5;OSBPL5;OSBPL5	0.144171	0.704025	1.27413	1.27413	0.0211362	5.81127	5.81127	0.0583636	3.88727	3.88727	0.793544	1.18114	1.18114	0.171557	0.396966	-2.51911	0.441133	1.64639	1.64639	0.73337	1.24239	1.24239	0.178544	0.403648	-2.47741	0.770932	1.20359	1.20359	2.17203	13.8597	5.67196	1
cg23089838	C8orf48;C8orf48	0.144172	0.110724	0.769535	-1.29949	0.226009	0.825601	-1.21124	0.0457986	1.41217	1.41217	0.128137	0.780412	-1.28137	0.23505	0.828939	-1.20636	0.162219	0.798563	-1.25225	0.952733	0.991104	-1.00898	0.705043	1.059	1.059	0.370037	1.14885	1.14885	2.17203	0.781658	0.319888	1
cg01162550	ETV6	0.144173	0.0665031	0.628161	-1.59195	0.0886552	0.654186	-1.52862	0.0752057	0.639139	-1.56461	0.230966	0.752826	-1.32833	0.542305	1.14954	1.14954	0.894484	1.03044	1.03044	0.0744324	1.56689	1.56689	0.752537	0.931025	-1.07409	0.913673	1.0248	1.0248	2.17202	1.75624	0.718731	1
cg02193650	WNT1	0.144173	0.613667	0.786853	-1.27089	0.679117	0.822113	-1.21638	0.379095	1.52945	1.52945	0.865895	1.08284	1.08284	0.430185	0.684426	-1.46108	0.766716	0.869276	-1.15038	0.0778668	0.397463	-2.51596	0.00982023	4.65054	4.65054	0.875311	0.928724	-1.07675	2.17202	7.62767	3.12158	1
cg03930837	RUNDC1;AARSD1;AARSD1;AARSD1;AARSD1	0.144174	0.19981	0.665195	-1.50332	0.167145	1.55776	1.55776	0.47842	0.805004	-1.24223	0.316515	0.732218	-1.36571	0.00852834	0.364118	-2.74636	0.178095	0.650065	-1.53831	0.504824	0.815717	-1.22591	0.546876	0.832353	-1.20141	0.922306	1.0298	1.0298	2.17201	3.1163	1.27533	1
cg18146221	ITGA4	0.144177	0.25988	0.747949	-1.33699	0.885324	0.964968	-1.0363	0.906105	0.971263	-1.02959	0.0275413	1.90412	1.90412	0.0657606	1.66566	1.66566	0.8601	0.957343	-1.04456	0.175042	1.42819	1.42819	0.780638	0.933339	-1.07142	0.158293	0.688873	-1.45165	2.172	2.10052	0.859636	1
cg15522241	SEC14L2;SEC14L2	0.14418	0.32409	0.882851	-1.13269	0.241675	1.16176	1.16176	0.216179	1.17262	1.17262	0.613428	0.939576	-1.06431	0.554936	1.0758	1.0758	0.080756	0.789036	-1.26737	0.0514034	0.762346	-1.31174	0.28764	1.14462	1.14462	0.20474	1.17789	1.17789	2.17198	0.514933	0.210738	1
cg01624164	RNF130;RNF130	0.14418	0.740255	0.96257	-1.03889	0.0877236	1.24125	1.24125	0.511582	1.07933	1.07933	0.24685	0.870358	-1.14895	0.315356	0.887768	-1.12642	0.380686	0.902031	-1.10861	0.73485	1.03975	1.03975	0.0543843	1.28441	1.28441	0.049878	1.29235	1.29235	2.17197	0.452291	0.185102	1
cg04821895	OR4F4	0.144181	0.557273	0.730702	-1.36855	0.0114729	0.187909	-5.32174	0.027857	0.25313	-3.95053	0.6098	0.761796	-1.31269	0.156411	0.44872	-2.22856	0.171593	0.463329	-2.15829	0.272562	0.54682	-1.82876	0.122555	0.412936	-2.42168	0.616468	0.765728	-1.30595	2.17197	9.61124	3.93345	1
cg13724111	ADAMTSL1	0.144185	0.381343	1.23264	1.23264	0.369092	1.23972	1.23972	0.793828	0.940812	-1.06291	0.0647832	0.616832	-1.62119	0.663697	1.10729	1.10729	0.0446456	0.584477	-1.71093	0.0994016	1.52308	1.52308	0.615497	0.888727	-1.1252	0.203507	0.731497	-1.36706	2.17194	1.86664	0.763942	1
cg12852390	C5orf24;C5orf24	0.144186	0.0349299	0.435418	-2.29665	0.419438	0.756496	-1.32188	0.372724	0.733772	-1.36282	0.68376	1.14859	1.14859	0.0190712	0.382962	-2.61123	0.909292	0.96218	-1.03931	0.538237	0.809933	-1.23467	0.161927	1.65729	1.65729	0.964373	1.01522	1.01522	2.17193	3.93612	1.6109	1
cg21604358	HPCA	0.144186	0.0233634	0.492613	-2.02999	0.273777	0.742589	-1.34664	0.139906	0.660299	-1.51447	0.954516	0.985205	-1.01502	0.759209	0.922799	-1.08366	0.200529	1.4238	1.4238	0.10196	0.626382	-1.59647	0.0837317	0.60643	-1.64899	0.25273	0.731842	-1.36642	2.17193	2.3491	0.961398	1
cg18314765	TNP1	0.144189	0.793855	0.874496	-1.14352	0.119408	0.420889	-2.37593	0.4972	0.702592	-1.4233	0.688328	1.22936	1.22936	0.00483326	0.147468	-6.78115	0.542754	1.37095	1.37095	0.956079	0.972189	-1.02861	0.376162	0.628073	-1.59217	0.459023	0.6797	-1.47124	2.17191	9.02099	3.69198	1
cg11886511	C14orf106;C14orf106	0.144192	0.715351	1.11269	1.11269	0.00570233	2.87762	2.87762	0.322966	1.34669	1.34669	0.677752	1.12956	1.12956	0.975047	1.00916	1.00916	0.88108	1.04461	1.04461	0.824376	1.06695	1.06695	0.361867	0.760898	-1.31424	0.205316	0.677335	-1.47637	2.17189	2.92391	1.19667	1
cg21186053	RASA3	0.144195	0.0399136	0.422266	-2.36818	0.218464	1.59978	1.59978	0.156513	0.576854	-1.73354	0.107102	0.528082	-1.89365	0.102363	0.522622	-1.91343	0.343451	0.701685	-1.42514	0.284279	0.667794	-1.49747	0.160771	0.580531	-1.72256	0.0807643	0.495114	-2.01974	2.17187	4.53252	1.85504	1
cg13985198	SNORD46;RPS8;SNORD38A	0.144195	0.218166	0.437355	-2.28647	0.545455	0.676611	-1.47795	0.976182	1.01924	1.01924	0.3326	0.528274	-1.89296	0.105959	0.323887	-3.0875	0.531639	1.49859	1.49859	0.0124671	0.137383	-7.27891	0.0463275	0.23288	-4.29406	0.991308	0.993069	-1.00698	2.17187	14.0214	5.73858	1
cg24011261	GPX1;GPX1	0.144196	0.127913	0.721138	-1.3867	0.968036	0.992072	-1.00799	0.095635	1.43848	1.43848	0.287899	0.803192	-1.24503	0.0966773	0.696121	-1.43653	0.998751	0.999689	-1.00031	0.0254906	0.590196	-1.69435	0.660275	1.09183	1.09183	0.497311	0.87208	-1.14668	2.17186	1.35711	0.555432	1
cg25976563	GNB4	0.144196	0.0804249	1.31654	1.31654	0.462715	0.899412	-1.11184	0.598726	1.07822	1.07822	0.145772	1.24793	1.24793	0.0904078	1.30292	1.30292	0.944838	0.990235	-1.00986	0.276829	0.8518	-1.17398	0.764161	1.04359	1.04359	0.0235192	1.46762	1.46762	2.17186	0.691794	0.283134	1
cg25214584	PAOX;PAOX;PAOX	0.144197	0.516233	1.30612	1.30612	0.7232	1.15522	1.15522	0.146869	1.88081	1.88081	0.257869	1.61454	1.61454	0.0360966	0.371954	-2.68851	0.976138	1.01221	1.01221	0.0392185	2.63282	2.63282	0.989079	0.994462	-1.00557	0.185652	1.76725	1.76725	2.17185	5.66261	2.31758	1
cg01493727	NRN1	0.144198	0.0952499	0.309665	-3.2293	0.590456	1.41546	1.41546	0.556162	1.4633	1.4633	0.265455	0.476086	-2.10046	0.554469	0.682246	-1.46575	0.113677	0.332628	-3.00637	0.0110613	0.13031	-7.67401	0.807398	1.16906	1.16906	0.241502	0.456548	-2.19035	2.17185	14.0683	5.75783	1
cg07830652	UCHL3	0.1442	0.679699	1.11938	1.11938	0.138842	1.54154	1.54154	0.62863	1.14155	1.14155	0.738354	0.912959	-1.09534	0.160299	0.665334	-1.50301	0.21063	0.698855	-1.43091	0.0513804	1.82675	1.82675	0.0462281	1.8596	1.8596	0.807679	0.9359	-1.06849	2.17183	2.53809	1.03879	1
cg17735531	HCN2	0.144205	0.290337	1.36121	1.36121	0.00856489	2.56624	2.56624	0.038294	1.9633	1.9633	0.929035	0.97528	-1.02535	0.575601	1.17227	1.17227	0.37613	1.29076	1.29076	0.0908565	1.68783	1.68783	0.694643	1.11725	1.11725	0.609466	1.15578	1.15578	2.1718	2.71615	1.11168	1
cg15018704	ADAT3;SCAMP4	0.144205	0.266491	0.543386	-1.84031	0.0129242	0.196778	-5.08188	0.0230314	0.238804	-4.18754	0.791484	0.869711	-1.14981	0.185246	0.477053	-2.0962	0.332907	0.590842	-1.6925	0.159363	0.452819	-2.20839	0.215756	0.503401	-1.98649	0.917369	0.946796	-1.05619	2.1718	9.54649	3.90726	1
cg01916088	FOXP4;FOXP4;FOXP4	0.144206	0.344418	2.54403	2.54403	0.0105234	21.8948	21.8948	0.0279959	12.0494	12.0494	0.880837	1.15468	1.15468	0.615325	1.62543	1.62543	0.30121	2.79277	2.79277	0.118227	5.08501	5.08501	0.296231	2.82483	2.82483	0.946301	0.937459	-1.06671	2.17179	31.6198	12.9416	1
cg11654553	FGF9	0.144208	0.349321	1.36431	1.36431	0.3346	0.725526	-1.37831	0.0599576	0.504453	-1.98235	0.671249	1.14758	1.14758	0.169189	1.60362	1.60362	0.408822	0.76156	-1.31309	0.917079	1.03415	1.03415	0.0581039	1.99486	1.99486	0.116234	1.73394	1.73394	2.17177	3.5759	1.46359	1
cg22244118	TTK;TTK	0.144212	0.329729	0.839312	-1.19145	0.15239	1.30805	1.30805	0.0407146	1.52027	1.52027	0.0527954	0.677537	-1.47593	0.490024	1.12955	1.12955	0.58988	1.09905	1.09905	0.234347	1.24313	1.24313	0.822904	1.03963	1.03963	0.230815	1.24542	1.24542	2.28596	1.06467	0.362246	1
cg11316904	CREB5	0.144218	0.0196405	0.0995777	-10.0424	0.214829	0.343497	-2.91124	0.578702	0.631893	-1.58255	0.481232	0.556617	-1.79657	0.0181723	0.0956474	-10.4551	0.671699	0.705486	-1.41746	0.182592	0.314262	-3.18206	0.209033	0.338351	-2.95551	0.0772133	0.200327	-4.99184	2.17171	23.0349	9.42827	1
cg05170759	TSSC1	0.144218	0.893486	1.03974	1.03974	0.442299	0.7962	-1.25597	0.337476	0.750011	-1.33331	0.990361	0.996492	-1.00352	0.0194676	0.439703	-2.27426	0.87786	0.956247	-1.04576	0.0309716	2.08934	2.08934	0.581058	1.17603	1.17603	0.621006	1.15602	1.15602	2.17171	2.91084	1.19142	1
cg03773989	PPP3CB;PPP3CB;PPP3CB	0.144218	0.278988	0.849716	-1.17686	0.868051	1.02435	1.02435	0.993021	1.00127	1.00127	0.0144792	0.646682	-1.54636	0.0485753	0.721827	-1.38537	0.0800185	0.755011	-1.32448	0.541625	1.09351	1.09351	0.308944	0.858689	-1.16457	0.923527	0.986205	-1.01399	2.1717	0.719981	0.294692	1
cg08800033	NSDHL;NSDHL;CETN2	0.144218	0.027288	0.185785	-5.38256	0.158962	0.379034	-2.63828	0.461729	0.617044	-1.62063	0.767948	0.826408	-1.21006	0.281968	0.486512	-2.05545	0.145826	0.365591	-2.73529	0.383789	1.77798	1.77798	0.248238	2.17671	2.17671	0.1926	2.43179	2.43179	2.1717	14.2822	5.8458	1
cg10885645	CLSTN3;CLSTN3	0.144218	0.430988	1.12842	1.12842	0.0202889	1.52292	1.52292	0.178067	1.23999	1.23999	0.642783	0.932199	-1.07273	0.0547094	1.38758	1.38758	0.193698	0.813249	-1.22964	0.221454	1.21311	1.21311	0.913635	0.983825	-1.01644	0.690801	1.06194	1.06194	2.1717	0.777147	0.31809	1
cg00932063	LHPP;LHPP	0.144219	0.0455002	0.310889	-3.21658	0.166654	0.471834	-2.11939	0.584828	0.755006	-1.32449	0.643179	0.788493	-1.26824	0.223466	0.521254	-1.91845	0.208679	0.509106	-1.96423	0.011884	0.20201	-4.95025	0.0591167	0.337733	-2.96092	0.781191	0.867762	-1.15239	2.17169	8.92429	3.65277	1
cg07684587	SFRS2IP	0.144219	0.00739994	0.317408	-3.15052	0.361477	1.36612	1.36612	0.523666	1.23978	1.23978	0.878258	0.950299	-1.0523	0.954237	0.981095	-1.01927	0.70454	1.13508	1.13508	0.189246	0.629699	-1.58806	0.460389	1.28397	1.28397	0.392186	1.33849	1.33849	2.17169	3.80427	1.55711	1
cg17289202	ZNF532	0.14422	0.194939	0.324409	-3.08252	0.896664	1.11159	1.11159	0.599272	1.54068	1.54068	0.876979	1.13442	1.13442	0.366983	2.13303	2.13303	?	?	?	?	?	?	0.0251425	9.28841	9.28841	0.0590874	5.86171	5.86171	2.32354	18.5682	7.99136	1
cg01131917	CDCA4;CDCA4	0.14422	0.716851	0.837365	-1.19422	0.0723829	2.65675	2.65675	0.132132	2.20772	2.20772	0.948415	1.03203	1.03203	0.715868	0.836821	-1.195	0.767339	1.15556	1.15556	0.0320585	0.294086	-3.40037	0.985977	0.991472	-1.0086	0.0993944	0.414695	-2.41141	2.17169	8.16856	3.34346	1
cg06800235	CAMTA1	0.144221	0.146645	0.468998	-2.13221	0.362804	0.634718	-1.5755	0.0285403	0.284839	-3.51075	0.0659473	0.366906	-2.72549	0.0366407	0.30724	-3.25479	0.108466	0.426996	-2.34194	0.775952	0.87051	-1.14875	0.78612	0.876174	-1.14133	0.0795091	0.388312	-2.57525	2.17168	8.12426	3.32533	1
cg03810476	NHS	0.144222	0.0795463	0.451489	-2.21489	0.0530962	0.407361	-2.45483	0.027513	0.344648	-2.90151	0.603244	0.807136	-1.23895	0.084164	0.458053	-2.18316	0.0585106	0.417527	-2.39506	0.346284	0.67279	-1.48635	0.106392	0.48652	-2.05541	0.706674	0.856858	-1.16706	2.17168	5.74297	2.35066	1
cg17051239	CCDC121;CCDC121;GPN1;GPN1;CCDC121;GPN1	0.144223	0.0604957	0.482203	-2.07382	0.265968	0.670706	-1.49097	0.0569593	0.476022	-2.10074	0.599823	0.833247	-1.20012	0.0153377	0.35862	-2.78847	0.688613	0.870392	-1.14891	0.795678	0.914461	-1.09354	0.397413	1.34796	1.34796	0.25569	0.664393	-1.50513	2.17167	4.08405	1.67165	1
cg25609284	BLCAP;BLCAP;BLCAP;BLCAP	0.144224	0.998534	1.0005	1.0005	0.487656	1.21332	1.21332	0.87681	0.958354	-1.04346	0.0145581	0.438139	-2.28238	0.718187	1.10448	1.10448	0.837747	1.05784	1.05784	0.246257	1.39447	1.39447	0.240015	1.40124	1.40124	0.0683723	1.74988	1.74988	2.17166	2.5863	1.05861	1
cg22655224	MT3;MT3	0.144224	0.224336	1.23457	1.23457	0.294516	0.835698	-1.1966	0.747542	1.05476	1.05476	0.0947145	0.738453	-1.35418	0.128672	1.3114	1.3114	0.659191	0.929348	-1.07602	0.0611941	0.705912	-1.41661	0.116495	1.32522	1.32522	0.97751	0.995357	-1.00466	2.17166	0.937396	0.383689	1
cg07207070	HRNBP3	0.144228	0.488737	0.679089	-1.47256	0.75072	0.83914	-1.1917	0.189532	2.14831	2.14831	0.312021	1.77799	1.77799	0.118135	0.393136	-2.54365	0.0823739	0.346876	-2.88287	0.025121	0.230898	-4.33092	0.936877	0.957353	-1.04455	0.588972	1.35009	1.35009	2.17163	10.4135	4.26245	1
cg13899420	GFI1B;GFI1B	0.144229	0.0912289	2.47597	2.47597	0.0633362	2.767	2.767	0.285103	1.71798	1.71798	0.143716	2.15045	2.15045	0.416277	0.667017	-1.49921	0.0282795	3.53321	3.53321	0.320806	1.64866	1.64866	0.0675924	2.71293	2.71293	0.340759	1.61365	1.61365	2.17162	8.17043	3.34432	1
cg08366277	NCEH1;NCEH1;NCEH1;NCEH1	0.14423	0.754627	0.957272	-1.04464	0.983867	1.00282	1.00282	0.060743	1.3424	1.3424	0.244288	1.1849	1.1849	0.415048	0.890444	-1.12304	0.0399908	0.718478	-1.39183	0.909893	1.01589	1.01589	0.820949	1.03208	1.03208	0.0632702	1.33767	1.33767	2.17162	0.667195	0.273097	1
cg26824947	SLC12A7	0.14423	0.175592	0.680235	-1.47008	0.898444	1.03475	1.03475	0.0778874	0.592054	-1.68904	0.0419313	0.534091	-1.87234	0.0383552	0.526234	-1.9003	0.528167	1.18647	1.18647	0.59648	0.866793	-1.15368	0.274729	1.35531	1.35531	0.874944	0.95874	-1.04304	2.17162	2.46167	1.00761	1
cg14306261	ENPP1	0.144234	0.685118	0.907502	-1.10193	0.176231	1.40824	1.40824	0.158053	1.43237	1.43237	0.0197104	1.9554	1.9554	0.0888136	1.56345	1.56345	0.234953	1.34499	1.34499	0.364825	0.801155	-1.2482	0.608291	0.884196	-1.13097	0.62334	0.888824	-1.12508	2.17159	1.94962	0.798032	1
cg22777309	SCUBE3	0.144234	0.114107	0.796634	-1.25528	0.777115	1.03826	1.03826	0.853829	0.975899	-1.0247	0.792853	1.03543	1.03543	0.125247	0.802916	-1.24546	0.348223	0.88007	-1.13627	0.00816048	0.638991	-1.56497	0.107419	0.792605	-1.26166	0.754086	0.959283	-1.04244	2.17159	0.601822	0.246342	1
cg03121281	DLX6AS	0.144238	0.861074	0.923025	-1.08339	0.82	0.901029	-1.10984	0.824488	1.1069	1.1069	0.283666	0.6009	-1.66417	0.0274343	3.29647	3.29647	0.615853	0.793484	-1.26026	0.507051	0.735071	-1.36041	0.0184854	3.69321	3.69321	0.874642	1.07486	1.07486	2.17156	7.19121	2.94359	1
cg09381134	KLHL14	0.144239	0.128078	0.738468	-1.35416	0.898732	1.02374	1.02374	0.0262943	0.61529	-1.62525	0.712248	0.934003	-1.07066	0.15229	1.32657	1.32657	0.262249	0.806192	-1.2404	0.0800099	0.699088	-1.43043	0.191084	0.774827	-1.29061	0.717978	1.06913	1.06913	2.17155	1.16813	0.478155	1
cg00266389	KCNQ1;KCNQ1	0.144239	0.947819	0.98439	-1.01586	0.146338	1.45474	1.45474	0.0041891	2.51476	2.51476	0.646433	1.11743	1.11743	0.566831	0.870084	-1.14931	0.902332	0.970919	-1.02995	0.376281	1.24392	1.24392	0.903998	1.02943	1.02943	0.440503	1.20816	1.20816	2.17155	1.98744	0.813528	1
cg27543700	C1orf101;C1orf101	0.144241	0.966479	0.972288	-1.0285	0.271536	0.465122	-2.14997	0.357928	1.88179	1.88179	0.999051	1.0008	1.0008	0.769391	0.821523	-1.21725	0.0441391	4.69473	4.69473	0.137735	0.343387	-2.91217	0.848171	0.879698	-1.13675	0.0286329	0.177883	-5.62167	2.17154	15.3806	6.29582	1
cg22670868	MCHR1	0.144242	0.182008	0.667284	-1.49861	0.621691	1.15263	1.15263	0.0596539	0.545001	-1.83486	0.525616	0.832207	-1.20162	0.0128259	0.413687	-2.41728	0.339814	0.755069	-1.32438	0.483542	1.22549	1.22549	0.532273	1.198	1.198	0.34526	0.757597	-1.31996	2.17153	2.80484	1.14813	1
cg10834677	FAM19A3;FAM19A3	0.144245	0.83958	1.03695	1.03695	0.490488	0.882151	-1.13359	0.753641	0.945194	-1.05798	0.864547	0.969895	-1.03104	0.517388	1.12469	1.12469	0.874831	1.02862	1.02862	0.00313538	2.06069	2.06069	0.949945	1.0113	1.0113	0.777939	1.05192	1.05192	2.17151	1.10229	0.451214	1
cg03535862	C6orf115	0.144248	0.658723	0.892651	-1.12026	0.00433271	0.377523	-2.64885	0.725751	0.913954	-1.09415	0.425626	0.81233	-1.23103	0.509205	1.18657	1.18657	0.568989	0.863241	-1.15843	0.647	1.12501	1.12501	0.547577	0.856005	-1.16822	0.381859	1.25751	1.25751	2.17149	2.24475	0.918879	1
cg05753527	MOBKL3;MOBKL3;MOBKL3	0.144249	0.101825	1.61961	1.61961	0.0954347	0.610503	-1.63799	0.452277	0.815573	-1.22613	0.162839	0.670655	-1.49108	0.324731	0.762383	-1.31168	0.421079	0.803393	-1.24472	0.272442	0.737037	-1.35678	0.150182	0.661062	-1.51272	0.0262391	0.48714	-2.0528	2.28567	2.49752	0.849869	1
cg18066515	FAM101A	0.144252	0.0556756	0.431146	-2.3194	0.212937	0.601122	-1.66355	0.315565	0.668556	-1.49576	0.177076	0.57311	-1.74486	0.00856223	0.27216	-3.67431	0.297885	0.657901	-1.51998	0.234129	0.616346	-1.62247	0.116398	0.515827	-1.93864	0.148638	0.548219	-1.82409	2.17146	5.17752	2.11942	1
cg19773376	NUDT3	0.144253	0.249274	1.38843	1.38843	0.297833	0.745184	-1.34195	0.40363	1.26227	1.26227	0.083366	1.686	1.686	0.223367	1.41717	1.41717	0.249131	1.38858	1.38858	0.189056	1.4611	1.4611	0.0124141	2.3351	2.3351	0.204194	1.44076	1.44076	2.17146	2.55431	1.04561	1
cg15103050	ANKRD22	0.144255	0.149421	0.568629	-1.75862	0.029128	0.391003	-2.55752	0.033453	0.403533	-2.47811	0.318877	0.686447	-1.45678	0.05394	0.449746	-2.22348	0.228009	0.629945	-1.58744	0.781035	0.903238	-1.10713	0.604859	1.21001	1.21001	0.950131	1.02311	1.02311	2.17144	4.58705	1.87773	1
cg27229823	GPR45	0.14426	0.159461	0.524425	-1.90685	0.124011	0.488398	-2.04751	0.216081	0.572608	-1.74639	0.0384766	2.83735	2.83735	0.0463446	0.371288	-2.69333	0.843677	0.919513	-1.08753	0.954076	0.975824	-1.02477	0.594552	0.795646	-1.25684	0.593454	0.795092	-1.25772	2.28558	6.39871	2.17747	1
cg24573261	HLCS	0.14426	0.134883	0.381858	-2.61878	0.149069	2.5197	2.5197	0.215258	2.17947	2.17947	0.199518	2.24695	2.24695	0.180733	2.33695	2.33695	0.317398	1.8539	1.8539	0.0699941	0.298192	-3.35355	0.188275	2.29944	2.29944	0.744027	1.21615	1.21615	2.1714	12.268	5.02205	1
cg12416856	GALNT2	0.144261	0.166912	0.696597	-1.43555	0.533047	0.856494	-1.16755	0.0539167	0.584563	-1.71068	0.8327	0.949423	-1.05327	0.0055105	0.408539	-2.44775	0.493218	0.843047	-1.18617	0.71865	0.915061	-1.09282	0.230217	0.734293	-1.36185	0.400691	0.809727	-1.23498	2.17139	2.07023	0.847475	1
cg14306330	L3MBTL;L3MBTL	0.144262	0.0175171	0.45808	-2.18302	0.862904	0.954404	-1.04777	0.312089	0.754005	-1.32625	0.694061	0.898754	-1.11265	0.659197	0.887062	-1.12732	0.74573	0.915892	-1.09183	0.0282257	2.01291	2.01291	0.681241	1.11798	1.11798	0.910504	0.970095	-1.03083	2.17139	2.50735	1.02642	1
cg00557709	LPHN2	0.144265	0.482755	1.8947	1.8947	0.826956	1.21669	1.21669	0.925942	1.08686	1.08686	0.399826	2.16435	2.16435	0.00457313	0.0339621	-29.4445	0.773854	1.29446	1.29446	0.30245	0.384049	-2.60383	0.994534	0.993882	-1.00616	0.804585	1.24867	1.24867	2.17137	27.5997	11.2984	1
cg22276332	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3	0.144266	0.328176	0.873263	-1.14513	0.550232	0.922045	-1.08455	0.788039	0.964463	-1.03685	0.242875	0.848661	-1.17833	0.113045	0.793278	-1.26059	0.490705	0.910286	-1.09856	0.0234535	0.695258	-1.43831	0.0240302	0.696684	-1.43537	0.0458106	0.735354	-1.35989	2.17136	0.620013	0.253814	1
cg08086731	B3GNT2	0.144267	0.28094	0.793108	-1.26086	0.0957751	0.684944	-1.45997	0.498695	1.15264	1.15264	0.0246743	0.575045	-1.73899	0.247676	1.28401	1.28401	0.185376	0.747902	-1.33707	0.361101	1.21432	1.21432	0.703506	0.923956	-1.0823	0.207107	0.759436	-1.31677	2.17136	1.47121	0.602271	1
cg14454680	C3orf26;FILIP1L;FILIP1L	0.144267	0.784576	1.10956	1.10956	0.00793485	0.27484	-3.63849	0.440456	0.741948	-1.3478	0.0693637	0.462657	-2.16143	0.877886	1.06007	1.06007	0.234414	0.623195	-1.60463	0.862804	1.06782	1.06782	0.927974	0.96628	-1.0349	0.136774	0.544366	-1.837	2.17136	4.95013	2.02644	1
cg01081720	EFNB1	0.144267	0.0246351	0.348972	-2.86556	0.740996	0.877666	-1.13939	0.255661	0.626991	-1.59492	0.116346	1.95676	1.95676	0.169831	1.77753	1.77753	0.364542	0.693125	-1.44274	0.141167	0.536574	-1.86368	0.503734	0.765728	-1.30595	0.870931	0.938035	-1.06606	2.17136	5.32209	2.17871	1
cg03149706	ZNF12;ZNF12	0.144267	0.360617	0.681695	-1.46693	0.00821008	4.17351	4.17351	0.070103	2.30846	2.30846	0.399113	1.42152	1.42152	0.79589	1.11102	1.11102	0.533155	0.773558	-1.29273	0.675196	1.18678	1.18678	0.72576	1.1538	1.1538	0.443681	1.37437	1.37437	2.28553	5.84065	1.98761	1
cg12280050	OTOP2;USH1G	0.144272	0.751845	1.04808	1.04808	0.176897	0.808581	-1.23673	0.136535	0.788647	-1.26799	0.846957	0.971803	-1.02902	0.370162	1.14594	1.14594	0.484939	0.900278	-1.11077	0.734989	1.05158	1.05158	0.277465	1.18198	1.18198	0.0140689	1.56629	1.56629	2.17132	0.753525	0.308476	1
cg09423459	SEC24B;SEC24B	0.144273	0.575181	0.892682	-1.12022	0.849475	1.03883	1.03883	0.415108	1.18177	1.18177	0.165014	0.743086	-1.34574	0.280842	0.798727	-1.25199	0.0146222	0.547284	-1.8272	0.325938	0.815992	-1.2255	0.552252	0.886425	-1.12813	0.111725	1.41522	1.41522	2.17131	1.38232	0.565894	1
cg03020605	SENP5	0.144274	0.78143	0.928973	-1.07646	0.997088	0.999034	-1.00097	0.0729696	1.69853	1.69853	0.194596	1.4383	1.4383	0.249341	0.726934	-1.37564	0.283267	0.744302	-1.34354	0.614699	0.8742	-1.1439	0.0423597	1.85765	1.85765	0.10129	1.60845	1.60845	2.17131	2.41287	0.987779	1
cg18883198	TMEM57	0.144274	0.735052	1.09523	1.09523	0.213119	0.703887	-1.42068	0.0149113	2.2296	2.2296	0.370764	1.27907	1.27907	0.599258	0.86762	-1.15258	0.984575	0.994836	-1.00519	0.0989605	0.616036	-1.62328	0.283895	0.742192	-1.34736	0.719892	0.908067	-1.10124	2.1713	2.46641	1.0097	1
cg09864211	DAXX;DAXX;DAXX;DAXX	0.144275	0.0368761	0.350203	-2.85549	0.105866	0.465569	-2.14791	0.415377	0.697452	-1.43379	0.520331	0.754248	-1.32582	0.0647548	0.407453	-2.45427	0.250584	0.594746	-1.68139	0.0369513	0.350395	-2.85392	0.672272	1.20221	1.20221	0.0765455	0.426265	-2.34596	2.1713	6.44209	2.63727	1
cg09666372	CHL1	0.144276	0.47743	0.862769	-1.15906	0.00818566	0.500854	-1.99659	0.501877	0.869987	-1.14944	0.869402	1.0342	1.0342	0.20546	1.31385	1.31385	0.211977	0.764396	-1.30822	0.327791	1.22927	1.22927	0.635513	0.90704	-1.10249	0.446347	0.853323	-1.17189	2.17129	1.43597	0.587863	1
cg04387059	CLIC1;DDAH2	0.144279	0.169908	0.808507	-1.23685	0.848087	0.9725	-1.02828	0.952411	0.99136	-1.00872	0.154828	0.801397	-1.24782	0.377392	0.876605	-1.14076	0.852968	1.02734	1.02734	0.0343757	1.43167	1.43167	0.363657	1.14539	1.14539	0.0575029	0.731719	-1.36665	2.17127	0.727034	0.297638	1
cg09884350	BACE2;BACE2;BACE2	0.14428	0.65627	0.865626	-1.15523	0.138167	0.597949	-1.67238	0.134606	0.59472	-1.68146	0.0901149	0.547872	-1.82525	0.0148138	0.380664	-2.62699	0.3776	0.747035	-1.33863	0.0663944	0.515189	-1.94104	0.587425	0.838219	-1.19301	0.0612181	0.506875	-1.97287	2.17126	3.56856	1.46092	1
cg21973405	PPAP2A;PPAP2A;RNF138P1	0.144281	0.975894	0.992439	-1.00762	0.0697333	1.66443	1.66443	0.767093	0.928107	-1.07746	0.0548976	1.72782	1.72782	0.254115	0.741457	-1.3487	0.671678	1.11304	1.11304	0.403776	0.806859	-1.23937	0.0302787	1.8961	1.8961	0.94	0.981268	-1.01909	2.17125	2.16983	0.888307	1
cg03345232	RIN3	0.144282	0.367454	1.42483	1.42483	0.516957	0.77781	-1.28566	0.76265	1.12281	1.12281	0.185033	0.584173	-1.71182	0.018204	0.334075	-2.99334	0.0751057	0.468625	-2.1339	0.341971	1.45419	1.45419	0.873859	1.06264	1.06264	0.18179	0.581562	-1.71951	2.17125	5.02925	2.05892	1
cg26566224	MSRA;MSRA	0.144284	0.0155245	1.72541	1.72541	0.842882	0.964189	-1.03714	0.474821	0.874978	-1.14289	0.681698	1.07873	1.07873	0.230054	1.26038	1.26038	0.130634	1.34983	1.34983	0.197809	1.28421	1.28421	0.621683	0.912647	-1.09571	0.191031	0.775369	-1.28971	2.17123	1.16126	0.475413	1
cg15545269	CNTN4;CNTN4	0.144285	0.0410285	0.25207	-3.96715	0.202611	0.455585	-2.19498	0.0886774	0.33368	-2.99688	0.310686	0.541695	-1.84606	0.0243128	0.208281	-4.80121	0.10832	0.359215	-2.78385	0.131948	0.386626	-2.58648	0.117153	0.369823	-2.704	0.096973	0.344831	-2.89997	2.17123	11.7459	4.80872	1
cg11050086	RASSF4	0.144286	0.683131	0.864217	-1.15712	0.180921	1.65716	1.65716	0.00996662	3.18089	3.18089	0.500116	1.27555	1.27555	0.687349	0.866011	-1.15472	0.846681	0.933484	-1.07126	0.0674019	2.07243	2.07243	0.147864	1.7368	1.7368	0.375349	1.38198	1.38198	2.17122	4.34768	1.77992	1
cg11299660	NDUFA13;TSSK6	0.144286	0.826071	0.899572	-1.11164	0.783706	1.14148	1.14148	0.550993	1.33658	1.33658	0.203021	0.52401	-1.90836	0.0377889	0.313956	-3.18515	0.764406	0.865417	-1.15551	?	?	?	0.0369535	3.20652	3.20652	0.397547	1.51677	1.51677	2.18924	7.12781	3.25583	1
cg19176391	SSH3	0.144286	0.895252	0.947468	-1.05544	0.484366	1.33792	1.33792	0.225214	1.68504	1.68504	0.399955	0.702601	-1.42328	0.87483	1.06671	1.06671	0.844559	1.08373	1.08373	0.00714683	4.14957	4.14957	0.449968	1.37074	1.37074	0.0690137	2.3014	2.3014	2.17122	5.77059	2.36246	1
cg06545359	BANP;BANP	0.144287	0.0660864	1.61152	1.61152	0.0547733	0.603991	-1.65565	0.238754	0.751581	-1.33053	0.567395	1.14315	1.14315	0.646513	0.898638	-1.1128	0.215778	1.35192	1.35192	0.193253	1.37527	1.37527	0.207934	0.735427	-1.35975	0.750202	0.928739	-1.07673	2.17121	1.84206	0.754135	1
cg04283868	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.144288	0.00335143	0.233859	-4.27608	0.69212	0.865129	-1.1559	0.783212	0.90448	-1.10561	0.756788	0.893077	-1.11972	0.647154	1.18265	1.18265	0.585941	0.818549	-1.22167	0.171134	0.588351	-1.69967	0.806814	0.914678	-1.09328	0.372878	0.716771	-1.39515	2.1712	4.55642	1.86539	1
cg04862556	SLFN13	0.144295	0.0541005	4.34125	4.34125	0.602001	1.42387	1.42387	0.0269776	5.8066	5.8066	0.734223	1.25717	1.25717	0.343999	1.92446	1.92446	0.575932	0.684196	-1.46157	0.0381738	5.02091	5.02091	0.0839235	3.61258	3.61258	0.329327	1.96619	1.96619	2.17116	15.5091	6.34954	1
cg08331345	LAT;LAT;LAT;LAT	0.144297	0.115921	0.561457	-1.78108	0.480072	0.784663	-1.27443	0.35922	0.727272	-1.375	0.0645369	0.495869	-2.01666	0.0109276	0.339909	-2.94196	0.118985	0.564617	-1.77111	0.103115	0.547553	-1.82631	0.418161	0.756182	-1.32243	0.120068	0.56572	-1.76766	2.17114	3.92388	1.60648	1
cg24377826	FAM53B	0.144297	0.983661	0.988473	-1.01166	0.495689	1.47943	1.47943	0.553539	1.40399	1.40399	0.0819686	2.97775	2.97775	0.555546	1.40153	1.40153	0.132728	2.50537	2.50537	0.0101897	6.26093	6.26093	0.0770926	3.04312	3.04312	0.103828	2.73736	2.73736	2.17114	11.0223	4.51265	1
cg24817430	MESDC1;MESDC1	0.144298	0.242483	0.849237	-1.17753	0.380427	1.12772	1.12772	0.0639478	1.32071	1.32071	0.832494	0.972101	-1.0287	0.874864	0.979165	-1.02128	0.256721	1.17134	1.17134	0.0274893	0.705859	-1.41671	0.216349	0.840459	-1.18983	0.940053	1.0101	1.0101	2.17114	0.613717	0.251263	1
cg12907644	SAA2;SAA2	0.144298	0.0495653	0.213546	-4.68284	0.175397	0.370471	-2.69927	0.370508	0.530632	-1.88455	0.116419	0.308633	-3.24009	0.284914	0.465143	-2.14988	0.344847	0.511472	-1.95514	0.0101262	0.106948	-9.3503	0.157721	0.35312	-2.83189	0.11379	0.305559	-3.27269	2.17114	16.3282	6.68495	1
cg01160440	ATP6V0A2	0.144298	0.992314	0.995089	-1.00494	0.914127	1.05669	1.05669	0.115905	0.406359	-2.46088	0.0542694	0.310313	-3.22255	?	?	?	0.482576	0.692895	-1.44322	0.104753	2.55052	2.55052	0.637149	0.783904	-1.27567	0.0495362	0.300275	-3.33028	2.46122	8.61986	2.6267	1
cg16465559	LRP12;LRP12	0.144299	0.0547921	0.590126	-1.69455	0.496974	0.846212	-1.18174	0.384696	0.805894	-1.24086	0.0980637	1.55176	1.55176	0.928116	0.978389	-1.02209	0.727484	0.91878	-1.0884	0.0270954	1.88424	1.88424	0.779691	1.07026	1.07026	0.648576	1.11751	1.11751	2.17113	2.01598	0.825367	1
cg16596440	MAML3	0.144299	0.0624154	0.23758	-4.20912	0.805399	1.18431	1.18431	0.934833	1.05764	1.05764	0.0911337	0.279373	-3.57945	0.0699541	0.249424	-4.00924	0.793001	0.83508	-1.19749	0.0348873	0.185455	-5.39215	0.14177	0.338712	-2.95236	0.0815331	0.266322	-3.75485	2.17113	16.1487	6.6115	1
cg13798986	ZNF653	0.1443	0.210606	1.48874	1.48874	0.446721	1.26358	1.26358	0.269603	1.41453	1.41453	0.135033	1.62581	1.62581	0.0733887	0.547595	-1.82617	0.0823799	1.78681	1.78681	0.0476787	1.98005	1.98005	0.957208	0.983944	-1.01632	0.864535	0.949795	-1.05286	2.17112	3.12896	1.28104	1
cg19698340	TOM1L2;TOM1L2	0.1443	0.0754557	2.98466	2.98466	0.0143193	5.30482	5.30482	0.667412	1.2698	1.2698	0.978587	1.01494	1.01494	0.899751	0.932733	-1.07212	0.121465	2.52864	2.52864	0.304004	1.80075	1.80075	0.0931852	2.77436	2.77436	0.0817621	2.90304	2.90304	2.17112	10.4976	4.29789	1
cg13209368	DENND3	0.144306	0.0750863	0.505755	-1.97724	0.301749	0.69214	-1.44479	0.197843	0.62618	-1.59699	0.161567	0.598021	-1.67218	0.0104615	0.33009	-3.02947	0.503745	0.79187	-1.26283	0.458851	0.771508	-1.29616	0.0437522	0.450587	-2.21933	0.200912	0.628401	-1.59134	2.17108	4.06727	1.66523	1
cg07619799	ACSL1	0.144309	0.200772	0.825114	-1.21195	0.0792842	1.31936	1.31936	0.330102	1.1537	1.1537	0.497616	0.906686	-1.10292	0.0558241	1.36102	1.36102	0.67267	0.941337	-1.06232	0.324232	0.865166	-1.15585	0.923007	1.01385	1.01385	0.0648448	1.3431	1.3431	2.17106	0.695896	0.284919	1
cg26737766	GALE;GALE;GALE	0.14431	0.295863	1.27948	1.27948	0.0217981	1.86999	1.86999	0.0254377	1.82918	1.82918	0.278129	1.29228	1.29228	0.0522826	1.6518	1.6518	0.677304	1.09982	1.09982	0.355806	1.01268	1.01268	0.872808	0.964229	-1.0371	0.947827	0.985232	-1.01499	2.17105	1.77743	0.727733	1
cg17126500	FAH	0.144311	0.0550605	1.66661	1.66661	0.693196	1.09759	1.09759	0.307268	1.2817	1.2817	0.1023	1.52175	1.52175	0.0630878	1.63383	1.63383	0.0667211	1.62051	1.62051	0.560236	0.870826	-1.14834	0.224226	0.740959	-1.3496	0.968473	0.990762	-1.00932	2.17104	1.89605	0.7763	1
cg03249590	SNORD59A;ATP5B	0.144312	0.48519	1.46066	1.46066	0.11336	2.51029	2.51029	0.934926	1.04459	1.04459	0.597681	1.3291	1.3291	0.118181	2.47501	2.47501	0.0873438	0.36484	-2.74093	0.0378609	0.276302	-3.61922	0.985823	1.00954	1.00954	0.476718	0.679415	-1.47185	2.17104	9.81235	4.01748	1
cg06128893	ITGB4;ITGB4;ITGB4	0.144312	0.873693	0.938633	-1.06538	0.0655944	2.27637	2.27637	0.0690888	2.24727	2.24727	0.153829	0.544536	-1.83643	0.0802075	0.461796	-2.16546	0.570193	0.795791	-1.25661	0.258842	1.59834	1.59834	0.650424	0.833924	-1.19915	0.790233	0.899306	-1.11197	2.17103	5.4489	2.23095	1
cg16939112	ADIPOR2	0.144315	0.141025	1.65966	1.65966	0.05346	0.495631	-2.01763	0.411136	0.764191	-1.30857	0.0827823	1.8492	1.8492	0.60927	0.847928	-1.17935	0.564645	0.830007	-1.20481	0.827728	1.07223	1.07223	0.131407	1.68397	1.68397	0.241887	0.675724	-1.47989	2.17102	3.52092	1.44159	1
cg11748071	MGST2;MGST2	0.144316	0.236376	0.340986	-2.93267	0.313748	2.46817	2.46817	0.241524	0.345387	-2.89531	0.22114	0.327817	-3.05048	0.219529	0.32641	-3.06363	0.232519	0.337674	-2.96144	0.536635	0.581243	-1.72045	0.938854	0.935637	-1.06879	0.0212353	11.0411	11.0411	2.17101	25.8556	10.5862	1
cg26675395	PRSS36	0.144317	0.0266738	10.3158	10.3158	0.0262039	10.4183	10.4183	0.0649104	6.30879	6.30879	0.281063	2.70621	2.70621	0.660096	1.48179	1.48179	0.9476	1.06014	1.06014	0.144581	4.02486	4.02486	0.555072	1.6997	1.6997	0.0902339	5.25426	5.25426	2.171	27.1492	11.1159	1
cg04539476	REM2	0.144317	0.265409	0.775839	-1.28893	0.0384175	1.68974	1.68974	0.24128	0.764715	-1.30768	0.797049	0.945201	-1.05798	0.366607	0.816409	-1.22488	0.207488	1.33733	1.33733	0.358248	1.22949	1.22949	0.0565804	1.60318	1.60318	0.714908	0.922907	-1.08353	2.171	1.6444	0.673278	1
cg13518211	HSDL2	0.144318	0.710023	1.04248	1.04248	0.207568	1.15955	1.15955	0.0559522	1.27276	1.27276	0.0670626	0.795615	-1.25689	0.130567	0.833707	-1.19946	0.381932	0.90494	-1.10505	0.287661	0.884289	-1.13085	0.262743	0.878037	-1.1389	0.541058	0.933398	-1.07135	2.17099	0.426637	0.174681	1
cg06400446	HCN2	0.144318	0.0748205	1.72191	1.72191	0.0815867	1.69658	1.69658	0.384422	1.27664	1.27664	0.434331	1.24417	1.24417	0.929944	0.976206	-1.02437	0.196768	1.45318	1.45318	0.299014	1.34284	1.34284	0.0231366	2.10367	2.10367	0.0272412	2.04547	2.04547	2.17099	2.57881	1.05587	1
cg26032604	LUC7L2	0.144318	0.949062	0.983922	-1.01634	0.155652	1.47024	1.47024	0.397612	1.24575	1.24575	0.406905	1.24016	1.24016	0.441626	1.22026	1.22026	0.322788	0.771737	-1.29578	0.0170524	0.478127	-2.09149	0.934102	0.979238	-1.0212	0.125116	1.52373	1.52373	2.17099	2.21311	0.906136	1
cg19528502	HNRNPH2;HNRNPH2;GLA	0.14432	0.0364816	0.0247455	-40.4114	0.226727	0.14955	-6.68674	0.287252	0.191782	-5.21426	0.396743	3.64798	3.64798	0.584276	0.439434	-2.27565	0.0180137	0.0122161	-81.8591	?	?	?	0.2672	0.177565	-5.63174	0.530729	0.388492	-2.57405	2.30198	70.0491	26.6262	1
cg26853458	RCVRN	0.144323	0.0962318	0.437102	-2.2878	0.853891	1.08711	1.08711	0.452045	1.41501	1.41501	0.854055	1.08701	1.08701	0.552877	0.761847	-1.3126	0.327508	1.58085	1.58085	0.00909334	0.22275	-4.48935	0.831094	1.10162	1.10162	0.284194	0.604063	-1.65546	2.17096	7.05839	2.89003	1
cg00795125	TNRC18	0.144323	0.432297	1.17699	1.17699	0.0344947	1.65102	1.65102	0.60062	1.11339	1.11339	0.294788	1.24726	1.24726	0.528366	0.878189	-1.13871	0.158726	0.736145	-1.35843	0.205671	0.762248	-1.31191	0.180645	1.33517	1.33517	0.185721	0.751767	-1.3302	2.17096	1.42169	0.582104	1
cg21461281	THSD7A	0.144325	0.743736	0.898372	-1.11312	0.0698283	0.515634	-1.93936	0.415456	0.761906	-1.3125	0.83129	0.932672	-1.07219	0.600658	0.841513	-1.18834	0.761525	1.10455	1.10455	0.00928599	2.93978	2.93978	0.606628	1.18493	1.18493	0.850334	1.06366	1.06366	2.17094	3.66987	1.50262	1
cg12137439	HSF2BP	0.144329	0.816977	1.13536	1.13536	0.0962118	0.367758	-2.71918	0.144662	0.424027	-2.35834	0.854153	0.904142	-1.10602	0.0102215	0.169803	-5.88918	0.840057	1.11702	1.11702	0.810871	1.14029	1.14029	0.271703	1.87121	1.87121	0.447374	0.654376	-1.52817	2.17092	10.3108	4.2218	1
cg05725148	PRDM16;PRDM16	0.144332	0.434128	0.927024	-1.07872	0.28385	1.1115	1.1115	0.846263	1.0186	1.0186	0.334589	0.909841	-1.09909	0.435106	1.07854	1.07854	0.108663	1.18073	1.18073	0.0116135	1.34924	1.34924	0.466811	0.932109	-1.07284	0.599204	0.950895	-1.05164	2.17089	0.309946	0.12691	1
cg02433671	RGL3;RGL3	0.144336	0.973609	1.00863	1.00863	0.784604	1.07376	1.07376	0.901667	1.03263	1.03263	0.679051	1.11413	1.11413	0.0215797	0.488342	-2.04774	0.78747	0.932217	-1.07271	0.988	0.996101	-1.00391	0.016586	2.13836	2.13836	0.812066	1.06382	1.06382	2.17086	2.31967	0.949819	1
cg12865675	CANX;CANX	0.144342	0.558506	1.22121	1.22121	0.0505041	0.471031	-2.123	0.0408138	0.450447	-2.22002	0.970676	1.01249	1.01249	0.0328789	0.43044	-2.3232	0.970152	1.01272	1.01272	0.377438	0.736458	-1.35785	0.449003	1.2977	1.2977	0.282205	0.685602	-1.45857	2.17082	3.92245	1.60613	1
cg09897064	ZBP1;ZBP1;ZBP1;ZBP1	0.144342	0.185303	0.768431	-1.30135	0.570122	0.897971	-1.11362	0.395825	0.84954	-1.17711	0.520115	1.13004	1.13004	0.827525	1.04177	1.04177	0.757653	1.05976	1.05976	0.0111695	1.81546	1.81546	0.249728	0.798062	-1.25303	0.261319	0.802788	-1.24566	2.17082	1.20894	0.495027	1
cg12451852	ZNF467	0.144343	0.733165	1.06997	1.06997	0.0478331	1.56388	1.56388	0.0380941	1.6082	1.6082	0.202985	1.30422	1.30422	0.424231	0.851041	-1.17503	0.384846	0.838544	-1.19254	0.166589	0.747153	-1.33841	0.334802	1.21724	1.21724	0.580181	1.11674	1.11674	2.17081	1.34292	0.549891	1
cg21948827	LOC285359	0.144346	0.0386204	0.416406	-2.4015	0.14753	0.566461	-1.76535	0.053012	0.447469	-2.23479	0.55386	0.803313	-1.24484	0.019557	0.356324	-2.80644	0.171547	0.587219	-1.70294	0.149288	0.568054	-1.7604	0.145839	0.564916	-1.77017	0.361541	0.70962	-1.40921	2.1708	4.59871	1.88306	1
cg18184880	SLC25A13;SLC25A13;SLC25A13	0.144348	0.32124	1.34469	1.34469	0.158045	0.64651	-1.54677	0.298551	0.732425	-1.36533	0.414088	0.785621	-1.27288	0.0185118	2.28291	2.28291	0.333158	0.74939	-1.33442	0.674289	1.12993	1.12993	0.230946	0.695478	-1.43786	0.416777	0.786759	-1.27104	2.17078	2.87134	1.17575	1
cg18801713	ZNF564	0.14435	0.0607781	0.46892	-2.13256	0.703012	0.87176	-1.1471	0.104226	0.529212	-1.8896	0.293865	0.676997	-1.47711	0.013925	0.336758	-2.96949	0.449023	0.758508	-1.31838	0.470793	1.30063	1.30063	0.708374	1.1441	1.1441	0.175398	0.596742	-1.67577	2.17076	4.41307	1.80707	1
cg26299079	BTBD16	0.144351	0.596705	0.87624	-1.14124	0.89379	1.0336	1.0336	0.0268359	0.522672	-1.91325	0.0606981	0.592646	-1.68735	0.0925801	0.6326	-1.58078	0.295229	0.764485	-1.30807	0.184475	0.70592	-1.41659	0.274702	0.754901	-1.32468	0.0286036	0.527857	-1.89445	2.17076	2.1043	0.861677	1
cg15202251	FBXO24;LRCH4;FBXO24	0.144351	0.207356	0.796704	-1.25517	0.155291	1.29685	1.29685	0.103852	1.35526	1.35526	0.383103	0.858232	-1.16519	0.619531	0.918002	-1.08932	0.162699	0.775118	-1.29013	0.605739	0.914845	-1.09308	0.11657	0.747166	-1.33839	0.114982	1.34039	1.34039	2.17076	1.00449	0.411322	1
cg19853517	NRG2;NRG2;NRG2;NRG2	0.144357	0.809369	1.09806	1.09806	0.168518	1.7646	1.7646	0.408429	1.38717	1.38717	0.382284	0.706941	-1.41454	0.163991	0.562802	-1.77682	0.290778	1.52856	1.52856	0.264532	0.637559	-1.56848	0.165025	0.563699	-1.774	0.0366314	2.55972	2.55972	2.17072	5.15035	2.10902	1
cg18269894	MIR410;MIR656	0.144358	0.999469	1.00014	1.00014	0.0442216	0.614643	-1.62696	0.713945	0.925402	-1.08061	0.0812395	1.50234	1.50234	0.0655856	1.54519	1.54519	0.37263	0.824693	-1.21257	0.789824	1.05787	1.05787	0.986233	0.996373	-1.00364	0.167808	0.733766	-1.36283	2.17071	1.52448	0.624265	1
cg25786862	CENPQ;MUT	0.14436	0.565045	0.921947	-1.08466	0.0423345	1.38642	1.38642	0.23016	1.19232	1.19232	0.196191	0.826169	-1.21041	0.132659	1.25445	1.25445	0.202344	0.828557	-1.20692	0.412898	0.889617	-1.12408	0.922619	1.01367	1.01367	0.139281	1.24897	1.24897	2.17069	0.671136	0.274827	1
ch.1.2649807R	CAPZA1	0.144363	0.0245069	0.211155	-4.73587	0.130932	0.388046	-2.57701	0.277791	0.519403	-1.92529	0.325034	0.5544	-1.80375	0.0166865	0.183394	-5.45275	0.151721	0.410069	-2.43861	0.168354	0.426552	-2.34438	0.644427	0.763577	-1.30963	0.864951	1.10385	1.10385	2.17068	11.5817	4.7427	1
cg26631329	GATAD2A	0.144365	0.367765	1.24819	1.24819	0.0147338	2.05297	2.05297	0.557414	1.15279	1.15279	0.876924	0.963543	-1.03784	0.377932	1.24208	1.24208	0.215132	1.36707	1.36707	0.856615	1.04429	1.04429	0.147952	1.45055	1.45055	0.018011	1.99096	1.99096	2.17066	1.97408	0.808388	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19185133	C11orf54;TAF1D	0.144369	0.773251	0.909522	-1.09948	0.0213994	2.47829	2.47829	0.0474516	2.10513	2.10513	0.238373	0.666706	-1.49991	0.430296	0.767764	-1.30248	0.322443	1.39868	1.39868	0.732226	0.893374	-1.11935	0.842403	0.936742	-1.06753	0.270859	1.45692	1.45692	2.17063	3.70471	1.51711	1
cg08090063	PLCD1;PLCD1;PLCD1	0.144369	0.161987	0.858908	-1.16427	0.561802	1.06157	1.06157	0.0152103	1.35483	1.35483	0.533814	0.93783	-1.06629	0.557844	1.06223	1.06223	0.326514	1.10869	1.10869	0.168256	0.861086	-1.16132	0.421616	1.08721	1.08721	0.307604	1.11357	1.11357	2.17063	0.356679	0.146062	1
cg05328939	COL5A1	0.14437	0.23809	0.651101	-1.53586	0.660854	0.857875	-1.16567	0.0191317	0.373616	-2.67655	0.0778854	0.506467	-1.97446	0.062259	0.482506	-2.07251	0.723364	1.13134	1.13134	0.27342	0.67317	-1.48551	0.0570341	0.473463	-2.1121	0.863017	0.9418	-1.0618	2.17062	4.14473	1.6973	1
cg24576026	SEPT9;SEPT9	0.144371	0.355616	1.75412	1.75412	0.698134	1.25922	1.25922	0.223913	0.469711	-2.12897	0.199285	2.23021	2.23021	0.0254948	0.208056	-4.80641	0.425432	1.61827	1.61827	0.0891131	3.03081	3.03081	0.667668	0.774568	-1.29104	0.453612	0.636682	-1.57064	2.17062	12.0241	4.92401	1
cg03874509	PRMT6	0.144372	0.0171641	0.527285	-1.89651	0.266145	1.29089	1.29089	0.39978	1.20919	1.20919	0.367048	1.22654	1.22654	0.730405	0.926605	-1.07921	0.676356	0.911637	-1.09693	0.120377	1.44956	1.44956	0.194207	1.35347	1.35347	0.422939	1.19766	1.19766	2.17061	1.66947	0.683668	1
cg10249734	SECTM1	0.144372	0.155375	2.14719	2.14719	0.070004	2.76825	2.76825	0.66457	0.803098	-1.24518	0.271254	1.77833	1.77833	0.300891	0.583465	-1.7139	0.45819	1.46181	1.46181	0.709312	1.20709	1.20709	0.351175	1.61976	1.61976	0.0122664	4.79663	4.79663	2.17061	8.68456	3.55642	1
cg09767504	CDK19	0.144372	0.950529	0.991713	-1.00836	0.873485	1.0216	1.0216	0.896287	1.01765	1.01765	0.0324568	0.714766	-1.39906	0.408607	1.12003	1.12003	0.0115981	0.654911	-1.52693	0.734702	1.04668	1.04668	0.648251	0.940257	-1.06354	0.65171	1.06284	1.06284	2.17061	0.618413	0.253247	1
cg08741898	TLX1NB	0.144373	0.036191	12.5176	12.5176	0.175848	4.45144	4.45144	0.913793	0.893734	-1.1189	0.333692	0.355417	-2.8136	0.191787	4.19379	4.19379	0.395493	0.405428	-2.46653	0.832844	0.803107	-1.24516	0.80227	0.770813	-1.29733	0.0320242	13.5471	13.5471	2.1706	37.0018	15.1527	1
cg05362835	ADAMTS7	0.144375	0.166072	0.59076	-1.69274	0.302801	0.68358	-1.46289	0.298512	0.681099	-1.46821	0.565285	0.81289	-1.23018	0.0035216	0.244089	-4.09687	0.433708	0.75224	-1.32936	0.492596	0.780074	-1.28193	0.279729	0.669996	-1.49255	0.20027	0.61744	-1.61959	2.17059	4.36635	1.78809	1
cg00268744	PLA2G15	0.144376	0.0072434	0.168778	-5.92494	0.518758	1.39921	1.39921	0.882943	0.927135	-1.07859	0.63223	0.780671	-1.28095	0.911336	0.944406	-1.05887	0.603838	1.3084	1.3084	0.3293	1.67696	1.67696	0.87532	1.08397	1.08397	0.0998257	0.396107	-2.52457	2.17058	9.0647	3.71215	1
cg03347215	SNORD115-42;SNORD115-10	0.144377	0.880345	0.954655	-1.0475	0.0341973	0.467066	-2.14103	0.138628	0.611934	-1.63416	0.914086	1.03381	1.03381	0.0728821	0.539907	-1.85217	0.622335	0.858177	-1.16526	0.972917	1.01051	1.01051	0.390549	0.762586	-1.31133	0.0153708	0.399961	-2.50024	2.17058	3.26263	1.33611	1
cg14116596	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.144379	0.317164	1.26611	1.26611	0.251226	0.760687	-1.3146	0.950073	0.985814	-1.01439	0.667107	1.10378	1.10378	0.0984695	0.66135	-1.51206	0.158457	0.708936	-1.41057	0.143312	1.43171	1.43171	0.82544	1.05169	1.05169	0.0294219	0.556962	-1.79546	2.17056	1.78981	0.732965	1
cg15732657	ITGAV;ITGAV	0.144393	0.0477284	0.25837	-3.87042	0.551583	0.697619	-1.43345	0.84166	0.887303	-1.12701	0.986184	0.989702	-1.0104	0.0424326	0.247332	-4.04314	0.566489	0.707241	-1.41395	0.0204854	0.188405	-5.30772	0.39023	1.69267	1.69267	0.31914	0.540391	-1.85051	2.17046	12.2842	5.03087	1
cg23707905	RNPC3;AMY2B	0.144394	0.606847	1.11176	1.11176	0.293879	1.24886	1.24886	0.505886	1.14772	1.14772	0.900812	0.97487	-1.02578	0.00582615	0.478542	-2.08968	0.590309	1.11733	1.11733	0.547481	1.1323	1.1323	0.622048	1.10674	1.10674	0.426227	0.847187	-1.18038	2.17045	1.43215	0.586526	1
cg02881531	LOC92249	0.144395	0.315582	1.82133	1.82133	0.198477	0.456022	-2.19288	0.242093	0.492914	-2.02875	0.0794857	0.324745	-3.07934	0.0644601	0.301127	-3.32086	0.12442	2.61495	2.61495	0.628906	1.32495	1.32495	0.792784	0.858884	-1.1643	0.145439	0.40525	-2.46762	2.17045	11.4764	4.70007	1
cg25083091	PINX1	0.144398	0.0587012	0.290578	-3.44141	0.0557679	0.285271	-3.50544	0.950007	1.03696	1.03696	0.252515	0.500699	-1.99721	0.0716756	0.312252	-3.20255	0.113109	0.368624	-2.71279	0.0258691	0.216304	-4.62312	0.354544	0.576236	-1.7354	0.16696	0.426248	-2.34605	2.17043	11.5141	4.71555	1
cg20962532	KCNJ1;KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.144398	0.430759	0.638353	-1.56653	0.376783	0.602766	-1.65902	0.0575328	0.301537	-3.31634	0.660516	1.27978	1.27978	0.021733	0.214882	-4.65372	0.123201	0.39374	-2.53975	0.0336578	0.250373	-3.99405	0.48482	0.672857	-1.4862	0.974644	0.982417	-1.0179	2.17042	10.7089	4.3858	1
cg17181805	RBPMS;RBPMS;RBPMS	0.144402	0.953222	0.975626	-1.02498	0.0507418	0.392065	-2.5506	0.0294898	0.340163	-2.93977	0.672705	0.83633	-1.1957	0.384686	0.687348	-1.45487	0.0295646	0.340389	-2.93781	0.0574545	0.405	-2.46913	0.582524	0.791734	-1.26305	0.273164	0.618956	-1.61562	2.17039	6.08232	2.49102	1
cg22441141	CA12;CA12	0.144402	0.132391	1.36388	1.36388	0.198104	0.771085	-1.29687	0.141278	0.739084	-1.35303	0.37926	1.18814	1.18814	0.129207	0.731014	-1.36796	0.117331	1.38416	1.38416	0.566214	1.11719	1.11719	0.478165	1.14776	1.14776	0.156904	0.748755	-1.33555	2.17039	1.25551	0.514195	1
cg10537820	CCDC127	0.144407	0.995563	0.997814	-1.00219	0.0415378	0.396601	-2.52143	0.352306	0.686158	-1.45739	0.319075	0.666845	-1.4996	0.0238529	0.346095	-2.88938	0.0673514	0.44635	-2.24039	0.0441936	0.402654	-2.48352	0.41729	0.721665	-1.38568	0.219398	0.601565	-1.66233	2.17036	5.32272	2.17996	1
cg02410986	MDGA2;MDGA2	0.144408	0.614913	1.17263	1.17263	0.0103121	2.75849	2.75849	0.956014	1.01747	1.01747	0.855316	0.944309	-1.05898	0.501414	0.807179	-1.23888	0.426092	0.774809	-1.29064	0.805201	1.08066	1.08066	0.0408226	2.09847	2.09847	0.757241	0.907249	-1.10223	2.17036	3.38776	1.38749	1
cg23968650	HS3ST5	0.144408	0.832774	0.952336	-1.05005	0.0284709	0.550357	-1.817	0.324683	0.790634	-1.26481	0.782432	0.938061	-1.06603	0.351789	1.24774	1.24774	0.574613	1.13995	1.13995	0.0544978	1.65516	1.65516	0.133215	0.687875	-1.45375	0.509113	0.856675	-1.1673	2.17035	1.83386	0.751076	1
cg18230627	OCA2	0.144409	0.624509	0.91172	-1.09683	0.0356726	1.58097	1.58097	0.714091	0.933385	-1.07137	0.768098	1.05696	1.05696	0.394939	0.849393	-1.17731	0.758081	1.05959	1.05959	0.0110341	1.81718	1.81718	0.803562	1.0478	1.0478	0.399721	1.17528	1.17528	2.17034	1.2065	0.494136	1
cg24389359	CCDC63	0.14441	0.948938	0.963692	-1.03768	0.024009	4.73364	4.73364	0.0509585	3.61057	3.61057	0.33307	1.77995	1.77995	0.369546	0.587335	-1.70261	0.923576	0.946098	-1.05697	0.678251	1.2724	1.2724	0.116897	0.373942	-2.67421	0.568061	1.39546	1.39546	2.17034	11.4624	4.69456	1
cg06915202	BAIAP2L1	0.144413	0.1299	0.40516	-2.46816	0.569091	0.72775	-1.3741	0.0766055	0.336995	-2.96741	0.109138	0.381068	-2.62421	0.25534	0.519029	-1.92668	0.185273	0.460345	-2.17228	0.0124627	0.179595	-5.56809	0.675824	1.26143	1.26143	0.149934	0.426393	-2.34526	2.17032	10.4826	4.29333	1
cg20554926	HMMR;HMMR;NUDCD2;HMMR;HMMR	0.144414	0.954624	1.06131	1.06131	0.90946	1.12633	1.12633	0.890571	0.865929	-1.15483	0.607162	0.581405	-1.71997	?	?	?	0.0102192	0.0338406	-29.5503	0.127087	5.61536	5.61536	0.482824	2.10824	2.10824	0.305443	0.329655	-3.03347	2.18831	33.6892	15.3951	1
cg16907514	KTN1;C14orf33;KTN1;KTN1;KTN1	0.144417	0.432895	0.649034	-1.54075	0.235443	0.510886	-1.95738	0.221936	2.00043	2.00043	0.394049	1.60244	1.60244	0.264541	0.533603	-1.87405	0.567011	0.731589	-1.36689	0.0402405	0.278024	-3.59681	0.0322728	0.258151	-3.87371	0.212519	0.492033	-2.03238	2.17029	10.0276	4.10701	1
cg18871289	MGC16275;TTYH2	0.144421	0.319615	0.478846	-2.08835	0.082629	0.252509	-3.96025	0.0306482	0.162317	-6.16077	0.824004	0.852587	-1.1729	0.514174	0.622724	-1.60585	0.409608	0.546734	-1.82904	0.0480964	5.0406	5.0406	0.313872	0.474373	-2.10805	0.889342	0.905131	-1.10481	2.17026	17.6202	7.21685	1
cg16340268	ITPKB	0.144427	0.795089	1.0472	1.0472	0.14509	1.31955	1.31955	0.563253	1.10911	1.10911	0.894741	0.976815	-1.02373	0.436484	1.15105	1.15105	0.631298	0.917885	-1.08946	0.0558191	0.681164	-1.46808	0.304291	1.20747	1.20747	0.0194541	1.64968	1.64968	2.17022	1.07933	0.442079	1
cg21865657	PIP5K1C	0.144428	0.645119	1.19463	1.19463	0.00726384	3.77325	3.77325	0.0806402	2.10221	2.10221	0.888869	0.947797	-1.05508	0.283798	1.53267	1.53267	0.375625	1.41721	1.41721	0.130773	1.8696	1.8696	0.171913	1.74656	1.74656	0.876871	0.942276	-1.06126	2.17021	5.0544	2.07022	1
cg26467725	SLCO3A1;SLCO3A1	0.144435	0.712416	1.08865	1.08865	0.327592	1.26091	1.26091	0.351098	1.24627	1.24627	0.0376632	1.73865	1.73865	0.0578201	1.63563	1.63563	0.109053	1.49315	1.49315	0.0146197	1.9932	1.9932	0.630958	1.11743	1.11743	0.208405	1.3556	1.3556	2.17016	1.80881	0.740878	1
cg21468681	KIAA1009	0.144435	0.824213	0.965226	-1.03603	0.361993	1.16075	1.16075	0.59198	1.08988	1.08988	0.408871	1.14383	1.14383	0.225919	1.22421	1.22421	0.24464	1.21365	1.21365	0.0703693	0.724866	-1.37957	0.0568374	0.709704	-1.40904	0.111767	1.31723	1.31723	2.17016	0.869881	0.356299	1
cg10448759	RBM22	0.144438	0.0302877	0.320051	-3.1245	0.532474	0.753645	-1.32689	0.0248471	0.302796	-3.30256	0.621771	0.800556	-1.24913	?	?	?	0.885454	1.06661	1.06661	0.661668	1.21772	1.21772	0.93957	0.966652	-1.0345	0.23438	1.7465	1.7465	2.18813	6.16413	2.81707	1
cg19515510	NUP85	0.144439	0.426627	0.828767	-1.20661	0.0643745	1.61739	1.61739	0.341713	0.797177	-1.25443	0.306401	1.27764	1.27764	0.674607	0.906922	-1.10263	0.463841	1.18829	1.18829	0.0345806	0.565433	-1.76856	0.231829	0.748149	-1.33663	0.21536	0.739532	-1.35221	2.17014	1.84004	0.753683	1
cg08626670	NUMBL	0.144443	0.693065	1.2853	1.2853	0.0677459	3.84923	3.84923	0.0905124	3.38994	3.38994	0.281659	0.488445	-2.04731	0.773149	0.83301	-1.20047	0.472518	0.628578	-1.59089	?	?	?	0.0513689	0.229839	-4.35087	0.79546	1.17844	1.17844	2.45988	13.1542	4.01063	1
cg05125838	UCN2;COL7A1	0.144444	0.809858	0.91976	-1.08724	0.852157	0.937314	-1.06688	0.043731	0.447352	-2.23538	0.0607907	0.480262	-2.0822	0.905655	0.959693	-1.042	0.856607	1.06477	1.06477	0.0700593	0.49521	-2.01935	0.106328	1.844	1.844	0.529549	1.24733	1.24733	2.1701	4.13818	1.69503	1
cg26399201	ANKRD43	0.144444	0.620317	0.789769	-1.26619	0.79141	0.882256	-1.13346	0.292081	0.596534	-1.67635	0.884522	0.933622	-1.0711	0.543212	0.74764	-1.33754	0.996223	1.00224	1.00224	0.761937	1.15441	1.15441	0.00427932	6.08634	6.08634	0.913064	0.949696	-1.05297	2.1701	7.67666	3.14442	1
cg18415687	GJD2	0.144444	0.12889	0.772323	-1.2948	0.607855	1.0849	1.0849	0.242574	1.21232	1.21232	0.849431	0.970522	-1.03037	0.0554507	1.40742	1.40742	0.990704	0.998168	-1.00184	0.044256	1.43879	1.43879	0.69495	1.06401	1.06401	0.061355	1.39356	1.39356	2.1701	0.851863	0.34893	1
cg14333394	TRAF2	0.144447	0.826876	1.06236	1.06236	0.563773	0.85114	-1.17489	0.336976	0.760784	-1.31443	0.91256	1.0308	1.0308	0.00937561	0.402583	-2.48396	0.625496	0.872971	-1.14551	0.975758	0.991643	-1.00843	0.19306	1.46291	1.46291	0.149151	1.53302	1.53302	2.17008	2.62164	1.07386	1
cg25338972	ESR1	0.144448	0.306857	0.748703	-1.33564	0.50995	1.20064	1.20064	0.140699	0.648214	-1.5427	0.433796	0.803718	-1.24422	0.00718842	0.387015	-2.58388	0.519575	1.19555	1.19555	0.864711	1.04776	1.04776	0.853899	0.950819	-1.05172	0.182007	0.678718	-1.47337	2.17007	2.57243	1.0537	1
cg17283453	ZNF177	0.144449	0.403098	0.863637	-1.15789	0.549394	0.901416	-1.10937	0.778825	0.952903	-1.04942	0.0619556	0.697584	-1.43352	0.10658	0.739405	-1.35244	0.242826	0.811056	-1.23296	0.00792504	0.557986	-1.79216	0.320492	0.838719	-1.19229	0.668507	1.0766	1.0766	2.17006	1.00898	0.413291	1
cg25669249	FAM189A1	0.14445	0.0372812	0.178275	-5.6093	0.0548344	0.211513	-4.72784	0.0963092	0.271827	-3.67882	0.392265	0.535149	-1.86864	0.0366205	0.176867	-5.65397	0.172608	0.35507	-2.81635	0.327801	0.486486	-2.05556	0.849405	1.14522	1.14522	0.0931804	0.267825	-3.73378	2.17006	17.4886	7.16358	1
cg07344955	RASSF1;RASSF1;RASSF1;RASSF1;RASSF1	0.144454	0.0839968	1.93517	1.93517	?	?	?	0.262806	0.668228	-1.4965	0.841574	0.93323	-1.07155	?	?	?	0.613769	0.838846	-1.19211	0.0228309	0.390414	-2.56138	0.273647	0.674787	-1.48195	0.685512	0.868858	-1.15094	2.21008	3.24592	1.67851	1
cg14960716	EIF2B5;EIF2B5	0.144454	0.434896	1.16675	1.16675	0.856062	0.965462	-1.03577	0.838389	1.04032	1.04032	0.0517005	0.651392	-1.53517	0.0297607	1.64072	1.64072	0.470176	1.15283	1.15283	0.0920331	0.69836	-1.43193	0.94461	0.98664	-1.01354	0.535702	1.12909	1.12909	2.17003	1.2879	0.52755	1
cg11755405	KCNH5;KCNH5;KCNH5	0.144454	0.636198	1.10058	1.10058	0.495066	0.869933	-1.14951	0.414379	0.845514	-1.18271	0.12496	1.39659	1.39659	0.55343	1.12814	1.12814	0.588869	1.116	1.116	0.0530463	0.642659	-1.55603	0.0250894	1.70903	1.70903	0.717656	1.07577	1.07577	2.17003	1.39024	0.569472	1
cg04219504	MEF2A;MEF2A;MEF2A	0.144456	0.563309	1.17858	1.17858	0.00601309	2.74401	2.74401	0.282838	1.36864	1.36864	0.655298	1.13469	1.13469	0.704616	1.11305	1.11305	0.0930973	1.68122	1.68122	0.0899665	1.69142	1.69142	0.163012	1.52006	1.52006	0.753066	1.09281	1.09281	2.17001	2.71792	1.11333	1
cg15352185	FBXL3;FBXL3	0.144457	0.0847253	1.3278	1.3278	0.0262304	0.675631	-1.4801	0.207382	1.21861	1.21861	0.712251	1.05664	1.05664	0.383971	0.875684	-1.14197	0.30318	0.853338	-1.17187	0.15294	0.796428	-1.25561	0.693496	0.942797	-1.06067	0.638443	0.93204	-1.07292	2.17001	0.760023	0.311324	1
cg14811011	KCTD2	0.144457	0.114389	0.278711	-3.58795	0.746504	0.7856	-1.27291	0.680935	1.36016	1.36016	0.527536	1.61	1.61	0.0471379	0.184501	-5.42001	0.126483	0.292325	-3.42085	0.021988	0.129488	-7.72274	0.49394	0.596411	-1.6767	0.148368	0.315551	-3.16906	2.17	19.0235	7.79251	1
cg08455548	PCDH11Y	0.144458	0.575044	0.928747	-1.07672	0.450544	0.904543	-1.10553	0.375041	0.887975	-1.12616	0.00614781	0.627213	-1.59435	0.203326	0.839263	-1.19152	0.950904	0.991997	-1.00807	0.691475	0.949278	-1.05343	0.217849	0.84437	-1.18432	0.227869	1.17961	1.17961	2.17	0.585268	0.239741	1
cg01566449	NRN1;NRN1	0.14446	?	?	?	0.0128523	11.7481	11.7481	0.0731537	4.78556	4.78556	0.80516	1.20974	1.20974	0.537647	0.617801	-1.61865	0.105939	3.97028	3.97028	0.467926	1.76885	1.76885	0.312902	2.24364	2.24364	0.993404	0.993654	-1.00639	2.30084	18.8091	7.15302	1
cg10592546	TRIM41;TRIM41	0.144464	0.014829	0.392388	-2.5485	0.0677106	1.89405	1.89405	0.355369	1.34543	1.34543	0.486311	0.801904	-1.24703	0.634268	0.861078	-1.16134	0.952647	1.01871	1.01871	0.809306	0.927324	-1.07837	0.759218	0.908512	-1.1007	?	?	?	2.18795	3.00011	1.3712	1
cg02119840	ACTR3C;LRRC61;LRRC61	0.144464	0.0618883	6.83221	6.83221	0.79314	1.2715	1.2715	0.146203	4.16058	4.16058	0.107139	4.98998	4.98998	0.550356	1.73719	1.73719	0.0752868	6.11079	6.11079	0.0114069	18.067	18.067	0.223988	3.21412	3.21412	0.336087	2.47573	2.47573	2.16996	28.708	11.7598	1
cg14791054	ALDH1A3	0.144467	0.0802678	0.138999	-7.1943	0.0451644	0.0966013	-10.3518	0.348637	0.374843	-2.66778	0.177707	0.233018	-4.29152	0.0420865	0.0923895	-10.8237	0.259548	0.302371	-3.30719	0.0401222	0.089641	-11.1556	0.131685	0.191123	-5.23223	0.0825207	0.141469	-7.06867	2.16993	35.5415	14.5592	1
cg03248529	PAK3;PAK3	0.144469	0.951203	0.967932	-1.03313	0.0516095	3.25399	3.25399	0.491986	1.45019	1.45019	0.0407751	0.284274	-3.51773	0.101993	0.385481	-2.59416	0.220729	1.98507	1.98507	0.436395	1.52634	1.52634	0.986291	0.990891	-1.00919	0.741016	1.19321	1.19321	2.16992	9.74797	3.99317	1
cg01577992	DPY19L2P2;DPY19L2P2	0.144469	0.0668889	4.61983	4.61983	0.0742034	4.40245	4.40245	0.107166	3.70669	3.70669	0.144026	3.21978	3.21978	0.112886	3.61671	3.61671	0.0911324	4.00002	4.00002	0.0448033	5.56153	5.56153	0.0662097	4.64176	4.64176	0.118281	3.53757	3.53757	2.16992	19.0741	7.81353	1
cg22845912	SLA;TG;SLA;SLA	0.144471	0.239075	0.500407	-1.99837	0.232801	0.495314	-2.01892	0.0215528	0.212266	-4.71108	0.434254	1.56522	1.56522	0.593462	0.738918	-1.35333	0.55172	0.713109	-1.40231	0.0148037	0.185662	-5.38614	0.865946	0.909488	-1.09952	0.666886	0.784147	-1.27527	2.16991	10.8363	4.43903	1
cg26770014	ZNF639	0.144471	0.33909	1.4025	1.4025	0.0124901	0.344077	-2.90633	0.145296	0.584578	-1.71064	0.16387	0.600495	-1.66529	0.169292	0.604909	-1.65314	0.675581	0.865465	-1.15545	0.48978	1.27233	1.27233	0.575591	1.2143	1.2143	0.547818	0.811567	-1.23218	2.16991	4.05002	1.65907	1
cg20533955	PCM1	0.144471	0.0561088	1.35483	1.35483	0.362149	1.14051	1.14051	0.147035	1.24413	1.24413	0.959087	1.00723	1.00723	0.953289	1.00826	1.00826	0.888474	1.01989	1.01989	0.0161251	0.661505	-1.5117	0.826049	1.03138	1.03138	0.884933	0.979879	-1.02053	2.16991	0.677094	0.277367	1
cg14795268	MRPL20	0.144472	0.156865	0.528728	-1.89133	0.757214	0.877645	-1.13941	0.158835	0.530541	-1.88487	0.544181	0.772311	-1.29481	0.0342788	0.353652	-2.82764	0.276432	0.620969	-1.61039	0.0211413	0.311353	-3.21179	0.0386477	0.364937	-2.7402	0.255435	0.606711	-1.64823	2.1699	6.08779	2.49384	1
cg17325958	TRIM16L	0.14448	0.505275	0.779115	-1.28351	0.115005	1.88281	1.88281	0.230711	1.59079	1.59079	0.316072	0.682007	-1.46626	0.0318081	0.394923	-2.53214	0.149067	0.564795	-1.77055	0.214531	1.62005	1.62005	0.967226	1.01529	1.01529	0.629215	0.835576	-1.19678	2.16984	4.68488	1.91919	1
cg21105443	COL28A1	0.144483	0.467592	0.793144	-1.2608	0.105057	0.573878	-1.74253	0.0558635	0.507025	-1.97229	0.107798	0.57682	-1.73364	0.0899595	1.79678	1.79678	0.935524	0.974951	-1.02569	0.275199	1.42752	1.42752	0.42678	1.28972	1.28972	0.723392	0.894561	-1.11787	2.16982	3.3784	1.38399	1
cg13129888	EYA3;EYA3	0.14449	0.304556	0.893306	-1.11944	0.696584	0.959271	-1.04246	0.51314	0.932044	-1.07291	0.320745	0.896853	-1.11501	0.859624	0.981391	-1.01896	0.0932664	0.822085	-1.21642	0.0425181	0.780478	-1.28127	0.147435	0.847941	-1.17933	0.0498052	1.26798	1.26798	2.16977	0.386939	0.158517	1
cg04190618	LRP4	0.144491	0.0901545	0.782203	-1.27844	0.592092	0.931333	-1.07373	0.118495	0.800189	-1.2497	0.359236	0.883389	-1.132	0.259459	0.856646	-1.16734	0.306756	1.14932	1.14932	0.0107612	0.656087	-1.52419	0.231341	0.847785	-1.17954	0.769289	0.962054	-1.03944	2.16976	0.594488	0.243545	1
cg06889339	C6orf123	0.144493	0.5244	0.789865	-1.26604	0.0757845	2.05994	2.05994	0.545528	1.2507	1.2507	0.492301	0.774909	-1.29047	0.0428425	0.426406	-2.34518	0.41114	0.73542	-1.35977	0.149552	1.75948	1.75948	0.135602	1.80065	1.80065	0.62465	0.835008	-1.19759	2.16975	4.59485	1.88239	1
cg03340964	DSTN;DSTN	0.144497	0.486704	1.43584	1.43584	0.796855	1.14116	1.14116	0.688233	0.813454	-1.22933	0.574795	1.33661	1.33661	0.220702	0.517354	-1.93291	0.526602	1.38876	1.38876	0.0219282	0.244811	-4.08478	0.0358192	0.286467	-3.4908	0.189162	0.490658	-2.03808	2.16972	9.00354	3.68856	1
cg24314057	RGS2	0.144503	0.295831	0.63431	-1.57652	0.646924	1.21369	1.21369	0.472733	0.735883	-1.35891	0.0167951	0.293645	-3.40547	?	?	?	0.0639071	0.41706	-2.39774	0.330705	1.5242	1.5242	0.946258	0.972089	-1.02871	0.221006	0.582597	-1.71645	2.18766	5.43081	2.48247	1
cg08287471	NEK6;NEK6;NEK6;NEK6	0.144503	0.487356	0.759552	-1.31657	0.447906	0.739736	-1.35183	0.946051	1.02673	1.02673	0.212285	0.599257	-1.66873	0.928962	0.965843	-1.03536	0.424354	0.727601	-1.37438	0.00692752	3.90408	3.90408	0.821308	1.09218	1.09218	0.382962	1.41724	1.41724	2.16968	5.22016	2.13863	1
cg13613976	MAFK	0.144507	0.297884	0.752314	-1.32923	0.00450717	0.368456	-2.71403	0.406535	0.799363	-1.251	0.307566	0.756873	-1.32123	0.102597	0.624331	-1.60171	0.783813	0.930037	-1.07523	0.699109	0.902636	-1.10787	0.385527	0.790865	-1.26444	0.134544	0.653423	-1.5304	2.16965	2.39016	0.979229	1
cg01554089	ZNF341	0.144509	0.405623	0.861091	-1.16132	0.0425797	1.50743	1.50743	0.831903	1.03807	1.03807	0.661275	0.925427	-1.08058	0.0271605	0.631509	-1.58351	0.322279	0.835501	-1.19689	0.1811	1.28348	1.28348	0.757617	0.947041	-1.05592	0.600434	0.911287	-1.09735	2.16963	1.06169	0.434968	1
cg07066356	BCL7C;MIR762	0.144512	0.622298	1.08709	1.08709	0.840387	0.966653	-1.0345	0.202872	1.25369	1.25369	0.157856	0.775714	-1.28913	0.41794	0.870041	-1.14937	0.019709	0.62268	-1.60596	?	?	?	0.115542	0.749957	-1.33341	0.647202	1.08058	1.08058	2.1876	0.871164	0.398229	1
cg24623694	PRX;PRX	0.144512	0.273674	0.564022	-1.77298	0.800941	1.13542	1.13542	0.0329344	0.285339	-3.5046	0.0550918	0.335097	-2.98421	0.0366082	0.294942	-3.3905	0.434571	0.669776	-1.49304	0.200663	0.506875	-1.97287	0.0624101	0.348414	-2.87015	0.825231	0.894776	-1.1176	2.16961	8.68418	3.5579	1
cg18285280	PSORS1C3	0.144514	0.36835	0.868437	-1.15149	0.283184	0.843469	-1.18558	0.325878	0.856532	-1.1675	0.100502	0.759819	-1.3161	0.0775121	0.741137	-1.34928	0.100692	1.31586	1.31586	0.171371	1.24898	1.24898	0.149948	0.790068	-1.26571	0.990198	1.00188	1.00188	2.1696	0.800872	0.328118	1
cg25362630	TOX2;TOX2;TOX2	0.144514	0.598076	1.59696	1.59696	0.784337	0.785539	-1.27301	0.0764446	5.66464	5.66464	0.156947	3.78871	3.78871	0.100474	4.87095	4.87095	0.49675	1.8352	1.8352	0.0163404	13.2377	13.2377	0.984149	0.982671	-1.01763	0.054102	6.84549	6.84549	2.1696	26.6047	10.9	1
cg00053927	MCF2L;MCF2L	0.144515	0.296067	0.598834	-1.66991	0.00860525	0.204792	-4.88299	0.652505	1.23926	1.23926	0.613935	1.27219	1.27219	0.198708	0.52583	-1.90176	0.293846	0.597316	-1.67416	0.232632	0.553019	-1.80826	0.0753839	0.391844	-2.55204	0.764564	0.867493	-1.15275	2.16959	7.69625	3.15317	1
cg20429350	PRDM16;PRDM16	0.144516	0.340955	0.808952	-1.23617	0.164171	1.37811	1.37811	0.520218	0.868642	-1.15122	0.00760914	2.09908	2.09908	0.300031	1.26117	1.26117	0.278948	1.27534	1.27534	0.487487	1.16463	1.16463	0.72679	0.927014	-1.07873	0.988433	1.00314	1.00314	2.16959	1.60395	0.657144	1
cg22773241	RAB41	0.144517	0.281129	1.45108	1.45108	0.261505	0.677617	-1.47576	0.0434777	0.46223	-2.16342	0.314101	0.707507	-1.41341	0.405248	0.753505	-1.32713	0.0990141	1.82413	1.82413	0.280857	1.45141	1.45141	0.202883	1.56327	1.56327	0.548502	0.817269	-1.22359	2.16958	3.79567	1.55511	1
cg02014134	ZNF623;ZNF623	0.144529	0.209107	0.676727	-1.4777	0.378333	0.76599	-1.3055	0.378753	0.766179	-1.30518	0.46788	0.804243	-1.24341	0.295001	0.725919	-1.37756	0.683679	0.886191	-1.12842	0.182268	1.51819	1.51819	0.703254	1.1195	1.1195	0.0075675	0.363014	-2.75471	2.1695	2.98893	1.22463	1
cg10296153	TRNT1	0.144534	0.90671	0.976082	-1.0245	0.406643	0.839209	-1.1916	0.814348	0.952586	-1.04977	0.423139	0.844559	-1.18405	0.00993841	0.510483	-1.95893	0.222047	0.767195	-1.30345	0.394627	1.19727	1.19727	0.114094	1.42609	1.42609	0.734179	0.932037	-1.07292	2.16946	1.46513	0.600304	1
cg07464355	DBR1;DBR1	0.144535	0.465788	2.7795	2.7795	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.454381	2.86181	2.86181	0.0413916	67.5928	67.5928	3.94773	29.6744	7.51682	1
cg11074834	HPCAL1;HPCAL1	0.144536	0.618235	1.26972	1.26972	0.582564	0.768096	-1.30192	0.84172	1.09969	1.09969	0.0601796	0.365092	-2.73904	0.0291514	0.294684	-3.39347	0.41866	1.4811	1.4811	0.0318502	0.302527	-3.30549	0.964286	1.02151	1.02151	0.565526	0.758735	-1.31798	2.16944	7.76197	3.18033	1
cg19022254	GABBR1;GABBR1	0.144537	0.375815	0.499894	-2.00006	0.771683	0.800996	-1.24845	0.793695	0.818829	-1.22126	0.723609	0.762771	-1.31101	0.011611	0.0901583	-11.0916	0.328029	0.463024	-2.15972	0.0251341	0.131159	-7.62433	0.0935209	0.244938	-4.08267	0.22589	0.379131	-2.63761	2.16944	19.9846	8.18834	1
cg21682902	HAL	0.14454	0.901843	0.97888	-1.02158	0.28171	1.21355	1.21355	0.201728	1.26267	1.26267	0.389303	0.858447	-1.16489	0.0506723	0.680284	-1.46997	0.987792	1.00265	1.00265	0.0279394	1.56728	1.56728	0.409903	1.15697	1.15697	0.505709	0.889736	-1.12393	2.16942	1.02839	0.421371	1
cg13526007	LRFN5	0.14454	0.752044	0.880461	-1.13577	0.0455685	2.51149	2.51149	0.801295	1.1066	1.1066	0.988892	1.00561	1.00561	0.0154351	3.29927	3.29927	?	?	?	0.255781	0.620955	-1.61042	0.912069	0.956601	-1.04537	0.960706	0.980406	-1.01999	2.18739	4.96799	2.27119	1
cg26434048	IGFBP3;IGFBP3	0.144542	0.0562717	0.621706	-1.60848	0.222506	1.3256	1.3256	0.677467	0.912137	-1.09633	0.643702	1.10784	1.10784	0.380891	0.820685	-1.21849	0.590798	0.887503	-1.12676	0.0131703	0.508745	-1.96562	0.457298	0.84668	-1.18108	0.553155	1.141	1.141	2.1694	1.66099	0.680573	1
cg14153668	HCN4	0.144547	0.735643	0.947391	-1.05553	0.0794621	1.36406	1.36406	0.278617	1.19681	1.19681	0.934761	1.01314	1.01314	0.839088	1.03296	1.03296	0.628954	1.08075	1.08075	0.0119495	1.64905	1.64905	0.153638	0.783774	-1.27588	0.348474	1.16642	1.16642	2.16937	0.873865	0.358063	1
cg01066270	FAM169A	0.144549	0.598482	0.927828	-1.07779	0.608274	0.929716	-1.0756	0.116817	0.786478	-1.27149	0.702243	0.947292	-1.05564	0.233826	0.838658	-1.19238	0.0240534	1.46136	1.46136	0.0903462	0.768675	-1.30094	0.33129	1.15178	1.15178	0.932531	0.988134	-1.01201	2.16936	0.682776	0.279766	1
cg01729125	FRAS1;FRAS1	0.14455	0.97424	1.0069	1.0069	0.169995	0.732474	-1.36524	0.075379	0.655939	-1.52453	0.744581	1.07212	1.07212	0.351095	1.22682	1.22682	0.188594	1.34544	1.34544	0.0290586	1.7298	1.7298	0.801077	1.05525	1.05525	0.257427	1.28627	1.28627	2.16935	1.55889	0.638753	1
cg10167508	LOC284749	0.14455	0.789846	0.922997	-1.08343	0.848773	0.944343	-1.05894	0.0933622	0.574846	-1.7396	0.689217	1.12817	1.12817	0.0283421	0.460038	-2.17373	0.0988286	0.58106	-1.72099	0.0490551	0.509649	-1.96213	0.100037	0.582398	-1.71704	0.145438	0.625661	-1.59831	2.16935	3.09181	1.26687	1
cg26689483	QDPR	0.14455	0.434729	0.730284	-1.36933	0.171354	1.77598	1.77598	0.11133	1.98183	1.98183	0.0237657	2.89881	2.89881	0.330995	0.673291	-1.48524	0.996441	1.00176	1.00176	0.224697	1.65361	1.65361	0.289169	0.647967	-1.54329	0.287146	1.54632	1.54632	2.16935	5.34383	2.18963	1
cg05941890	MMAB;MVK;MVK;MVK;MVK	0.144555	0.52406	0.92885	-1.0766	0.0543021	1.28357	1.28357	0.441744	1.09381	1.09381	0.0483659	1.29416	1.29416	0.693043	1.0464	1.0464	0.336551	1.11994	1.11994	0.0499068	0.774423	-1.29128	0.415444	1.09983	1.09983	0.715123	1.04279	1.04279	2.16931	0.448986	0.183975	1
cg04095468	SECISBP2	0.144559	0.902255	1.04011	1.04011	0.0447487	0.47835	-2.09052	0.145553	0.606424	-1.64901	0.604279	0.845913	-1.18215	0.838614	1.06745	1.06745	0.0309402	0.444462	-2.24991	0.0961578	1.79458	1.79458	0.994668	1.00214	1.00214	0.82746	0.93252	-1.07236	2.16928	3.51951	1.44216	1
cg09369954	TXLNA	0.14456	0.0831357	0.492447	-2.03068	0.661502	1.17666	1.17666	0.437833	1.3394	1.3394	0.147415	0.563272	-1.77534	0.0353837	0.404699	-2.47097	0.220937	0.621802	-1.60823	0.095341	0.508338	-1.96719	0.870047	1.06232	1.06232	0.0856265	0.495822	-2.01685	2.16927	4.68418	1.91941	1
cg00072216	MXD4	0.144561	0.301767	1.30506	1.30506	0.924761	0.976767	-1.02379	0.792969	1.06765	1.06765	0.135244	0.669848	-1.49288	0.0386806	0.551063	-1.81467	?	?	?	0.206551	0.717813	-1.39312	0.120258	0.657427	-1.52108	0.204546	1.39539	1.39539	2.18724	1.90707	0.871905	1
cg26355596	CARM1	0.144561	0.161669	0.768578	-1.3011	0.219272	0.796493	-1.2555	0.128954	0.749035	-1.33505	0.648701	0.922395	-1.08413	0.169944	0.773017	-1.29363	0.990611	1.00207	1.00207	0.0274761	1.58294	1.58294	0.319994	1.1984	1.1984	0.823771	1.04007	1.04007	2.16927	1.06573	0.436701	1
cg01300778	C16orf72	0.144564	0.138813	1.30638	1.30638	0.486557	1.1259	1.1259	0.764886	1.0516	1.0516	0.115739	0.750676	-1.33213	0.0629322	1.42038	1.42038	0.0239183	1.57143	1.57143	0.787085	1.04646	1.04646	0.26553	1.21485	1.21485	0.83613	0.965855	-1.03535	2.16925	0.966595	0.39608	1
cg01460436	SLC12A5;SLC12A5	0.144564	0.0526779	10.606	10.606	0.0563689	10.1384	10.1384	0.213972	4.0664	4.0664	0.293427	3.21687	3.21687	0.063226	9.39163	9.39163	0.493499	2.10753	2.10753	0.0186936	21.2322	21.2322	0.826569	1.26522	1.26522	0.182122	4.56408	4.56408	2.16924	39.4867	16.1804	1
cg22664697	ZNF554	0.144566	0.196333	0.640125	-1.5622	0.201493	0.643818	-1.55323	0.987039	1.00527	1.00527	0.402987	0.757272	-1.32053	0.0199807	0.391917	-2.55156	0.385445	1.33528	1.33528	0.0925557	0.544306	-1.8372	0.204604	1.54795	1.54795	0.832663	1.07091	1.07091	2.28316	3.70964	1.26372	1
cg07194093	PTPRM;PTPRM	0.144569	0.188496	0.81173	-1.23194	0.881148	1.02265	1.02265	0.156468	0.796986	-1.25473	0.111336	0.771328	-1.29647	0.0247475	0.670191	-1.49211	0.0476277	0.712402	-1.4037	0.0681203	0.736522	-1.35773	0.865689	1.02567	1.02567	0.901288	0.981595	-1.01875	2.16921	0.769937	0.315501	1
cg10177748	HNRNPUL1;HNRNPUL1;HNRNPUL1	0.144572	0.589404	1.16876	1.16876	0.545196	1.19153	1.19153	0.198933	1.47476	1.47476	0.859002	1.05221	1.05221	0.717318	1.10967	1.10967	0.0167209	0.433453	-2.30705	0.966424	1.01212	1.01212	0.0501027	1.89518	1.89518	0.346654	1.31964	1.31964	2.16919	2.81407	1.15315	1
cg26614578	C12orf52;DDX54;DDX54	0.144575	0.530403	0.89515	-1.11713	0.609077	0.914031	-1.09405	0.247395	1.23463	1.23463	0.0763192	0.709163	-1.41011	0.1675	1.29229	1.29229	0.606269	0.913375	-1.09484	0.116054	1.34672	1.34672	0.364982	1.17613	1.17613	0.0654748	0.697452	-1.43379	2.16917	1.04348	0.427598	1
cg16898498	RTP2	0.144576	0.0784804	0.367381	-2.72197	0.954305	0.971068	-1.02979	0.208617	0.507063	-1.97214	0.459467	0.679851	-1.47091	0.00518115	0.150966	-6.624	0.691713	0.815302	-1.22654	0.639987	0.785571	-1.27296	0.935422	0.959332	-1.04239	0.171728	0.474544	-2.10729	2.16916	9.01767	3.69531	1
cg08515427	GNG13	0.144577	0.0111231	0.10621	-9.41531	0.272507	0.447253	-2.23587	0.593507	0.684164	-1.46164	0.721865	0.777392	-1.28635	0.0639736	0.23068	-4.33501	0.239246	0.419679	-2.38277	0.0340074	0.17493	-5.71658	0.319957	0.484799	-2.06271	0.29007	0.461363	-2.16749	2.16916	17.051	6.98726	1
cg06473773	LOC388796;SNORA71D;LOC388796	0.144578	0.0787876	0.692648	-1.44373	0.11308	0.722941	-1.38324	0.523313	0.885424	-1.1294	0.579753	0.900121	-1.11096	0.873678	0.970511	-1.03039	0.0468878	0.651823	-1.53416	0.11378	0.723475	-1.38222	0.0134089	0.562104	-1.77903	0.345406	0.832922	-1.20059	2.16915	1.21586	0.498246	1
cg12792894	BCAS2	0.14458	0.00710702	0.239004	-4.18402	0.309003	1.5424	1.5424	0.804918	0.903162	-1.10722	0.637588	1.21567	1.21567	0.291644	1.56887	1.56887	0.953977	0.976525	-1.02404	0.423143	0.714103	-1.40036	0.747092	1.14245	1.14245	0.241214	0.603538	-1.6569	2.16913	5.81977	2.38488	1
cg19716484	SEC22B	0.144584	0.0903548	0.525475	-1.90304	0.0406891	2.25862	2.25862	0.039852	2.2687	2.2687	0.374692	0.730403	-1.36911	0.856921	1.0642	1.0642	0.696924	0.873759	-1.14448	0.913941	1.03798	1.03798	0.572782	0.821613	-1.21712	0.416059	1.33189	1.33189	2.16911	4.08403	1.67362	1
cg03198741	LOC285768;LOC285768	0.144587	0.449815	1.34659	1.34659	0.807673	1.09883	1.09883	0.0291908	0.370443	-2.69947	0.0506179	0.422852	-2.3649	0.108086	0.507902	-1.96888	0.260122	0.635143	-1.57445	0.37436	1.42241	1.42241	0.925829	0.964659	-1.03664	0.490296	1.31098	1.31098	2.16909	5.12977	2.10217	1
cg11211951	GPT	0.144587	0.729443	1.10742	1.10742	0.599515	1.16848	1.16848	0.610905	1.16274	1.16274	0.328635	1.34486	1.34486	0.0536811	0.525275	-1.90377	0.0733232	1.79826	1.79826	0.0311139	2.10324	2.10324	0.308168	1.36338	1.36338	0.703386	0.893673	-1.11898	2.16908	2.96655	1.21569	1
cg26816581	HCFC2	0.144588	0.0492795	0.749222	-1.33472	0.37551	1.12414	1.12414	0.980333	1.00318	1.00318	0.54634	1.08171	1.08171	0.0384623	1.36142	1.36142	0.151179	1.21884	1.21884	0.194968	1.19288	1.19288	0.774583	1.03763	1.03763	0.139647	1.22691	1.22691	2.16908	0.568654	0.233035	1
cg02971750	VAV3	0.144589	0.818495	1.06048	1.06048	0.0206462	0.490625	-2.03822	0.764625	1.07973	1.07973	0.16482	1.4602	1.4602	0.277462	0.749351	-1.33449	0.699913	1.10401	1.10401	0.0570598	1.73353	1.73353	0.630007	0.883378	-1.13202	0.75005	0.921591	-1.08508	2.16907	2.24214	0.918832	1
cg27183791	ANKRD11	0.14459	0.735592	1.45791	1.45791	0.0227953	20.7156	20.7156	0.0685752	9.65652	9.65652	0.680946	0.631367	-1.58387	0.396835	0.380961	-2.62494	0.767027	0.718588	-1.39162	0.0822406	0.117488	-8.51152	0.683249	1.57826	1.57826	0.769992	0.721723	-1.38557	2.16906	42.5024	17.4176	1
cg27380819	ADAM23	0.144591	0.0136403	0.370296	-2.70054	0.0451972	0.473237	-2.1131	0.272808	0.689612	-1.45009	0.0469205	0.476831	-2.09718	0.381318	0.746492	-1.3396	0.500886	0.800554	-1.24913	0.632128	0.854664	-1.17005	0.887633	0.955009	-1.04711	0.705382	1.13164	1.13164	2.16905	3.642	1.49251	1
cg01339726	PI4K2A	0.144594	0.216845	0.738055	-1.35491	0.454066	0.836728	-1.19513	0.69744	0.912724	-1.09562	0.858407	1.04262	1.04262	0.0106032	2.11965	2.11965	0.930255	1.02067	1.02067	0.0774339	1.5822	1.5822	0.949604	1.01488	1.01488	0.414578	1.21524	1.21524	2.16903	1.87691	0.769176	1
cg01406758	PHF12;PHF12	0.144599	0.702112	1.11114	1.11114	0.859167	1.04991	1.04991	0.394854	1.26997	1.26997	0.010902	2.40241	2.40241	0.223317	0.704053	-1.42035	0.0723964	1.73297	1.73297	0.644204	0.880258	-1.13603	0.881925	1.0416	1.0416	0.486718	0.823813	-1.21387	2.169	2.5837	1.05884	1
cg25203361	PPM1L	0.144603	0.0583907	0.189804	-5.2686	0.392918	0.506607	-1.97392	0.882991	1.12123	1.12123	0.300517	0.434491	-2.30154	0.0363431	0.150977	-6.62354	0.144197	0.295542	-3.38361	0.0478583	0.172432	-5.79939	0.418519	0.526077	-1.90086	0.0370718	0.152432	-6.56029	2.16897	20.7388	8.49919	1
cg19233753	NMBR	0.144604	0.247512	0.743765	-1.34451	0.0946862	0.637811	-1.56786	0.244458	0.742208	-1.34733	0.917831	0.97505	-1.02559	0.544456	0.860541	-1.16206	0.662766	1.11342	1.11342	0.184	0.708172	-1.41209	0.0218286	1.96175	1.96175	0.325014	0.779707	-1.28253	2.16896	2.05927	0.843935	1
cg16202564	MATN2;MATN2	0.144605	0.425393	0.735451	-1.35971	0.00747241	0.272503	-3.66968	0.0240811	0.362188	-2.761	0.503155	0.773759	-1.29239	0.575107	0.807518	-1.23836	0.344812	0.692594	-1.44385	0.418975	0.732175	-1.36579	0.944485	0.974054	-1.02664	0.963881	0.983051	-1.01724	2.16896	4.89504	2.0061	1
cg13048591	HSPB7	0.144609	0.0640212	0.34984	-2.85845	0.867612	0.919265	-1.08783	0.938163	1.03993	1.03993	0.164006	0.472673	-2.11563	0.0151421	0.221844	-4.50766	0.654423	0.796646	-1.25526	0.192409	0.498493	-2.00605	0.0477223	0.319056	-3.13425	0.183832	0.490933	-2.03694	2.16893	8.74601	3.58436	1
cg13383819	THSD4	0.14461	0.227784	0.725115	-1.37909	0.810885	0.940954	-1.06275	0.329436	1.29115	1.29115	0.559803	0.860959	-1.1615	0.0384272	0.543915	-1.83852	0.204992	0.712109	-1.40428	0.106013	1.56552	1.56552	0.371579	0.792217	-1.26228	0.0741159	0.603332	-1.65746	2.16892	2.21416	0.907431	1
cg17315135	CHN2	0.144613	0.118255	0.721555	-1.3859	0.874069	0.969942	-1.03099	0.524714	0.883351	-1.13205	0.830343	0.959554	-1.04215	0.683994	0.92428	-1.08192	0.699166	1.07758	1.07758	0.0210692	0.58634	-1.7055	0.125298	1.37608	1.37608	0.131779	1.36755	1.36755	2.1689	1.2718	0.521227	1
cg08762449	IGF1R	0.144614	0.103382	0.179433	-5.5731	0.486889	1.94051	1.94051	0.234222	3.26641	3.26641	?	?	?	0.0499838	0.111856	-8.9401	0.958807	0.952944	-1.04938	0.0448909	0.104185	-9.59827	0.816652	1.24216	1.24216	0.388819	0.435426	-2.2966	2.45828	28.6987	8.75573	1
cg08308214	PECI;PECI;PECI;PECI	0.144615	0.997983	1.00035	1.00035	0.34147	0.871982	-1.14681	0.782606	0.962083	-1.03941	0.529217	1.09317	1.09317	0.11259	1.27302	1.27302	0.445927	1.1147	1.1147	0.00744603	1.61874	1.61874	0.610699	0.930764	-1.07439	0.271987	1.17328	1.17328	2.16889	0.670885	0.274953	1
cg01521567	ATAD3C	0.144617	0.126354	0.609116	-1.64172	0.151678	1.58479	1.58479	0.151052	1.58607	1.58607	0.559748	1.19338	1.19338	0.0990588	0.581538	-1.71958	0.622202	1.16054	1.16054	0.0440858	2.00058	2.00058	0.445702	1.26242	1.26242	0.627627	1.15781	1.15781	2.16887	3.08679	1.26509	1
cg00749908	TRAK1;TRAK1	0.144619	0.159888	0.422414	-2.36735	0.5817	0.726657	-1.37616	0.797898	0.863074	-1.15865	0.861221	1.10563	1.10563	0.00663703	0.132416	-7.55195	0.0880645	0.339529	-2.94526	0.12623	0.38698	-2.58412	0.928364	1.05296	1.05296	0.495479	0.672213	-1.48762	2.16886	11.312	4.63615	1
cg22073562	SLC35C1;SLC35C1;SLC35C1;SLC35C1;SLC35C1	0.144621	0.155685	0.689035	-1.45131	0.244391	1.34797	1.34797	0.13963	1.47662	1.47662	0.32318	0.778642	-1.28429	0.145146	0.681392	-1.46758	0.105122	0.647794	-1.5437	0.0646348	0.601153	-1.66347	0.696582	1.10085	1.10085	0.695418	1.10128	1.10128	2.16885	2.06509	0.846365	1
cg07927308	CRISPLD2	0.144626	0.563438	0.720305	-1.3883	0.0182391	0.199961	-5.00097	0.310702	0.554794	-1.80247	0.684516	0.794974	-1.2579	0.653037	0.775557	-1.2894	0.0720147	0.32369	-3.08937	0.0762614	0.330258	-3.02793	0.293221	0.542026	-1.84493	0.0273596	0.230797	-4.33281	2.16881	10.8369	4.44152	1
cg12492906	SSH1;SSH1	0.144626	0.237545	0.76046	-1.31499	0.344705	1.24034	1.24034	0.00984094	2.05863	2.05863	0.47076	1.1763	1.1763	0.317187	0.795464	-1.25713	0.164152	1.38892	1.38892	0.394042	1.21313	1.21313	0.740021	0.928954	-1.07648	0.851739	1.04228	1.04228	2.16881	1.68228	0.689484	1
cg01124546	DSCAML1	0.144627	0.937721	0.980947	-1.01942	0.257767	0.747722	-1.3374	0.220365	0.72818	-1.37329	0.344448	1.27091	1.27091	0.729075	0.917965	-1.08937	0.916243	0.974435	-1.02624	0.0570916	1.69884	1.69884	0.0228525	1.95505	1.95505	0.296884	1.30505	1.30505	2.1688	2.08166	0.853174	1
cg07382129	MEF2A;MEF2A;MEF2A;MEF2A	0.144628	0.961679	1.02362	1.02362	0.153944	2.09942	2.09942	0.127064	0.448519	-2.22956	0.677201	0.815941	-1.22558	0.120901	0.441648	-2.26425	0.101353	2.39079	2.39079	0.113457	0.433049	-2.30921	0.164431	2.05602	2.05602	0.742221	0.851824	-1.17395	2.1688	8.10954	3.32372	1
cg01950844	SENP6;SENP6	0.144631	0.0355515	0.493605	-2.02591	0.742621	1.09974	1.09974	0.151517	1.55797	1.55797	0.143483	0.635358	-1.57392	0.232013	0.696517	-1.43572	0.718519	0.900833	-1.11008	0.15253	0.642662	-1.55603	0.0944526	0.588366	-1.69962	0.503017	1.21666	1.21666	2.16877	2.85947	1.17198	1
cg10433128	MTSS1L	0.144631	0.20036	1.52384	1.52384	0.457329	0.790007	-1.26581	0.00810283	2.87435	2.87435	0.209011	1.51044	1.51044	0.655851	0.869633	-1.14991	0.548765	1.20797	1.20797	0.63711	0.862449	-1.15949	0.336342	0.734392	-1.36167	0.71517	1.1209	1.1209	2.16877	3.33115	1.3653	1
cg09475741	VIPR1	0.144636	0.921073	1.01708	1.01708	0.324212	1.18998	1.18998	0.737018	0.944048	-1.05927	0.936927	0.98657	-1.01361	0.34143	0.845798	-1.18232	0.776822	1.04975	1.04975	0.00641127	1.83284	1.83284	0.263602	0.819473	-1.2203	0.333275	1.1859	1.1859	2.16873	1.00251	0.410894	1
cg03128860	INCA1;INCA1;INCA1;INCA1	0.144644	0.598029	0.871346	-1.14765	0.987635	0.995997	-1.00402	0.338714	0.774717	-1.29079	0.388249	1.2572	1.2572	0.0289883	0.5136	-1.94704	0.112324	0.63924	-1.56436	0.115648	1.55687	1.55687	0.241087	1.37389	1.37389	0.481453	1.20347	1.20347	2.16868	2.30118	0.943199	1
cg07973470	NETO2	0.144645	0.179309	0.740501	-1.35044	0.973532	1.00701	1.00701	0.0921677	1.4776	1.4776	0.135221	0.712384	-1.40374	0.894899	0.972546	-1.02823	0.213033	0.758659	-1.31812	0.0253016	0.571154	-1.75084	0.922394	1.02073	1.02073	0.180592	0.741236	-1.3491	2.16867	1.52356	0.624472	1
cg00583535	IGFN1	0.144646	0.381203	0.647789	-1.54371	0.0942769	0.410967	-2.43329	0.0164846	0.242583	-4.12229	0.0585513	0.355913	-2.80967	0.497861	0.717	-1.3947	0.304176	0.597838	-1.67269	0.0355578	0.306402	-3.26369	0.238289	0.550394	-1.81688	0.866029	0.921617	-1.08505	2.16867	8.02666	3.28995	1
cg06087554	PRSS36	0.144646	0.0368287	0.19465	-5.13742	0.472265	0.610538	-1.6379	0.691945	1.30834	1.30834	0.87811	1.10913	1.10913	0.0145391	0.131143	-7.62529	0.438973	0.587009	-1.70355	0.177157	0.379829	-2.63277	0.448584	0.593826	-1.684	0.0809377	0.2709	-3.69139	2.16866	15.643	6.41173	1
cg15030294	CCRN4L	0.144648	0.538067	0.559999	-1.78572	0.887289	1.13983	1.13983	?	?	?	0.105946	0.177483	-5.63435	?	?	?	?	?	?	0.287406	2.84219	2.84219	?	?	?	0.0550454	8.90772	8.90772	2.76104	18.972	6.87133	1
cg10797726	IBTK	0.144648	0.666129	0.941987	-1.06159	0.683419	1.05807	1.05807	0.788058	0.963582	-1.03779	0.726356	1.04956	1.04956	0.0875287	1.29651	1.29651	0.273644	0.85484	-1.16981	0.0108938	0.643993	-1.55281	0.620187	1.0712	1.0712	0.416344	1.12116	1.12116	2.16865	0.65103	0.266844	1
cg26309854	GATSL1	0.144651	0.187107	0.659232	-1.51692	0.759653	0.912613	-1.09575	0.428457	1.27239	1.27239	0.667582	1.13741	1.13741	0.0424234	0.498349	-2.00663	0.109655	0.594687	-1.68156	0.136306	0.619825	-1.61336	0.086191	1.75936	1.75936	0.758111	0.912057	-1.09642	2.16863	3.05007	1.25018	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24008634	FRMD4A	0.144651	0.18888	0.752013	-1.32976	0.938549	1.01591	1.01591	0.89348	0.972943	-1.02781	0.0604445	1.54263	1.54263	0.0433361	0.621387	-1.6093	0.707698	0.925779	-1.08017	0.466537	0.859241	-1.16382	0.101738	1.4431	1.4431	0.395374	1.19508	1.19508	2.16863	1.4398	0.590153	1
cg15322801	ELAVL4;ELAVL4;ELAVL4	0.144652	0.079277	0.395155	-2.53065	0.247908	0.562309	-1.77838	0.993175	0.995932	-1.00408	0.705076	0.834254	-1.19868	0.0690563	0.379259	-2.63672	0.136099	0.465131	-2.14993	0.0594729	0.362822	-2.75617	0.0173136	0.251198	-3.98093	0.247319	0.56187	-1.77977	2.16862	7.80124	3.19762	1
cg18414429	FZR1	0.144653	0.120492	0.785136	-1.27366	0.425668	0.889722	-1.12395	0.323097	0.86364	-1.15789	0.121427	0.785692	-1.27276	0.0121727	0.638402	-1.56641	0.547733	0.91633	-1.09131	0.0373748	0.706802	-1.41482	0.489048	0.90398	-1.10622	0.0934401	0.767188	-1.30346	2.16862	0.708611	0.29045	1
cg08146609	HDAC9;HDAC9;HDAC9;HDAC9;HDAC9	0.144654	0.199151	0.777076	-1.28688	0.467531	0.871596	-1.14732	0.447546	0.865967	-1.15478	0.33408	0.83093	-1.20347	0.438405	1.15828	1.15828	0.511081	0.883455	-1.13192	0.00645567	0.517665	-1.93175	0.256572	0.802401	-1.24626	0.0927095	0.708977	-1.41048	2.16861	1.18703	0.48655	1
cg16419019	ADARB2	0.144654	0.254477	1.25676	1.25676	0.686733	0.925085	-1.08098	0.968991	1.00749	1.00749	0.1241	0.726266	-1.37691	0.104405	1.40627	1.40627	0.29899	1.22968	1.22968	0.0163346	1.75746	1.75746	0.373233	1.19192	1.19192	0.758882	0.942581	-1.06092	2.16861	1.267	0.519328	1
cg26572488	PLXNA4	0.144655	0.240131	0.378587	-2.6414	0.0249508	0.12159	-8.22439	0.00888707	0.0721213	-13.8655	0.411987	0.515582	-1.93955	0.382612	0.493068	-2.02812	0.549249	0.619675	-1.61375	0.502263	0.584055	-1.71217	0.123967	0.268298	-3.7272	0.590449	0.651112	-1.53583	2.1686	21.4209	8.78021	1
cg17560136	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.144657	0.169962	0.423093	-2.36355	0.152636	0.405964	-2.46327	0.384212	1.69053	1.69053	0.974789	1.01877	1.01877	0.0910686	0.334442	-2.99005	0.178867	0.431549	-2.31723	0.0154938	0.174215	-5.74002	0.131487	0.383598	-2.6069	0.392177	0.596982	-1.67509	2.16859	11.8937	4.87514	1
cg15128555	IGFBP2	0.144661	0.348965	0.861564	-1.16068	0.190705	0.807246	-1.23878	0.733581	1.05422	1.05422	0.485108	1.11586	1.11586	0.481664	0.895365	-1.11686	0.986923	1.00254	1.00254	0.330671	1.1678	1.1678	0.0304526	0.674989	-1.48151	0.0244127	0.660711	-1.51352	2.16856	0.820231	0.336211	1
cg21969566	RAB3D	0.144662	0.553002	0.794981	-1.25789	0.890723	0.948805	-1.05396	0.412498	0.725919	-1.37756	0.384677	0.711244	-1.40599	0.052327	0.430135	-2.32485	0.622987	1.20857	1.20857	0.419029	0.729303	-1.37117	0.0161171	3.0821	3.0821	0.44485	0.74248	-1.34684	2.16855	5.01953	2.0575	1
cg16680125	LGTN	0.144665	0.126017	0.292159	-3.42279	0.0285864	0.146631	-6.81982	0.280373	0.434296	-2.30258	0.547764	0.636278	-1.57164	0.0382371	0.167781	-5.96014	0.109884	0.273812	-3.65214	0.0483145	0.186917	-5.34996	0.0989696	0.260672	-3.83623	0.256086	0.414306	-2.41368	2.16853	18.9739	7.77748	1
cg13207467	CSRP1;CSRP1	0.144665	0.664441	1.47158	1.47158	0.0247618	10.6543	10.6543	0.158625	3.79561	3.79561	0.085558	5.37746	5.37746	0.219465	3.13625	3.13625	0.0523602	7.05028	7.05028	0.0463721	7.53694	7.53694	0.113013	4.60354	4.60354	0.252169	2.883	2.883	2.16853	26.9101	11.0306	1
cg09547767	BMP8A;BMP8A	0.144668	0.0893413	1.61362	1.61362	0.537474	0.852585	-1.1729	0.439509	1.22309	1.22309	0.3652	1.26826	1.26826	0.111947	0.642675	-1.556	0.213619	0.715699	-1.39723	0.361986	1.2704	1.2704	0.038478	1.84494	1.84494	0.408983	1.24073	1.24073	2.16851	2.24067	0.91847	1
cg00958217	PHF13	0.144669	0.177341	0.794232	-1.25908	0.00522472	1.80773	1.80773	0.47902	1.12259	1.12259	0.534066	1.10649	1.10649	0.505605	0.897145	-1.11465	0.915028	1.0173	1.0173	0.713363	1.06108	1.06108	0.961375	0.992248	-1.00781	0.76893	1.04847	1.04847	2.16851	0.886772	0.363495	1
cg06594662	HCCA2	0.14467	0.458207	0.554052	-1.80489	0.93264	0.936051	-1.06832	0.275867	2.42566	2.42566	0.246491	0.387749	-2.57899	0.0823317	0.222139	-4.5017	0.0166215	0.101638	-9.83882	0.0961661	0.239737	-4.17124	0.977633	1.02216	1.02216	0.174825	0.323631	-3.08994	2.1685	20.9878	8.6031	1
cg05285902	DNAH11;DNAH11	0.144671	0.613378	0.914947	-1.09296	0.386912	0.856641	-1.16735	0.429838	0.868839	-1.15096	0.467609	1.13763	1.13763	0.221481	0.799148	-1.25133	0.646287	1.08396	1.08396	0.0351689	0.651753	-1.53432	0.609426	0.914025	-1.09406	0.0113386	0.575145	-1.73869	2.16849	1.04539	0.428518	1
cg24332710	AKR1A1;AKR1A1	0.144672	0.946221	0.981818	-1.01852	0.124006	1.5732	1.5732	0.0161882	2.22589	2.22589	0.1758	1.4793	1.4793	0.314635	0.753628	-1.32691	0.998884	0.99962	-1.00038	0.453428	1.2309	1.2309	0.643131	0.880805	-1.13533	0.0721446	1.72626	1.72626	2.16848	2.54126	1.0417	1
cg24190127	LRRC49;THAP10	0.144674	0.0845099	0.433015	-2.30939	0.988725	0.993821	-1.00622	0.634828	1.23351	1.23351	0.167918	0.524855	-1.90529	0.16537	0.522553	-1.91368	0.534467	1.31779	1.31779	0.531687	1.32033	1.32033	0.667443	1.20876	1.20876	0.0236654	3.27032	3.27032	2.16847	6.6077	2.7086	1
cg26306476	PRR22;PRR22	0.144678	0.12079	0.321426	-3.11114	0.134264	0.33645	-2.97221	0.335575	0.511788	-1.95394	0.485094	0.619677	-1.61374	0.0353704	0.191512	-5.22161	0.0843886	0.275875	-3.62483	0.0273769	0.171937	-5.81608	0.0595325	0.23821	-4.19797	0.194874	0.396543	-2.5218	2.16844	15.6279	6.40623	1
cg09307279	GLT8D1;GLT8D1;SPCS1;GLT8D1;SPCS1;GLT8D1	0.144679	0.247118	0.584692	-1.7103	0.865339	0.927494	-1.07817	0.345887	1.53801	1.53801	0.0819228	2.351	2.351	0.215222	0.560734	-1.78338	0.597439	1.2666	1.2666	0.0453283	2.76816	2.76816	0.759898	1.14561	1.14561	0.105105	0.455972	-2.19312	2.16843	6.75397	2.7686	1
cg20977992	NUP210	0.144679	0.0255058	1.44847	1.44847	0.708245	0.94888	-1.05387	0.0988331	1.28739	1.28739	0.152771	1.23832	1.23832	0.940652	0.98966	-1.01045	0.621401	1.07196	1.07196	0.14518	0.803829	-1.24405	0.826481	1.03112	1.03112	0.0976504	1.28875	1.28875	2.16843	0.669152	0.274301	1
cg01647049	UNC50;C2orf64	0.144679	0.0287953	0.631855	-1.58264	0.15324	0.761618	-1.31299	0.154053	0.762085	-1.31219	0.53593	1.11807	1.11807	0.651418	0.922211	-1.08435	0.136024	0.751238	-1.33114	0.0701581	0.697352	-1.434	0.367991	0.848192	-1.17898	0.25843	1.23362	1.23362	2.16843	1.0888	0.446322	1
cg24048209	PTPRQ	0.144685	0.0756181	0.45055	-2.21951	0.212444	0.588937	-1.69797	0.0859552	0.46535	-2.14892	0.265774	0.62657	-1.59599	0.0355806	0.37297	-2.68118	0.174408	0.558545	-1.79036	0.403243	0.708345	-1.41174	0.252391	0.617559	-1.61928	0.0166717	0.307805	-3.24881	2.16839	5.58132	2.28795	1
cg00039864	COL23A1	0.144686	0.0849616	0.22621	-4.42067	0.10854	0.255154	-3.91921	0.161614	0.311526	-3.21001	0.216993	0.362923	-2.7554	0.1126	0.259835	-3.8486	0.231011	0.375174	-2.66543	0.012264	0.0876692	-11.4065	0.597176	0.659591	-1.51609	0.0755238	0.213575	-4.6822	2.16838	20.9088	8.57118	1
cg00647820	DHX58	0.144694	0.0744315	0.339215	-2.94798	0.423142	0.64082	-1.5605	0.577937	0.736584	-1.35762	0.455213	0.661186	-1.51243	0.101328	0.376878	-2.65338	0.162626	0.444502	-2.24971	0.0774733	2.90814	2.90814	0.0504513	0.297392	-3.36257	0.999352	0.999558	-1.00044	2.16833	10.1606	4.16526	1
cg08155953	SNTA1	0.144695	0.30829	1.25172	1.25172	0.381538	0.826057	-1.21057	0.033653	0.589624	-1.696	0.0385405	1.6658	1.6658	0.507875	0.86673	-1.15376	0.597754	0.892821	-1.12004	0.925788	1.02003	1.02003	0.365778	1.21877	1.21877	0.305701	1.25334	1.25334	2.16832	1.55678	0.638195	1
cg03251857	PPAPDC3	0.144697	0.385284	0.468848	-2.13289	0.0121258	14.3111	14.3111	0.083435	5.10729	5.10729	0.937217	0.935158	-1.06934	0.226262	0.339164	-2.94842	0.46309	0.529614	-1.88817	0.582786	1.60338	1.60338	0.920867	1.08824	1.08824	0.769954	0.779156	-1.28344	2.1683	24.8697	10.1953	1
cg26100303	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.144701	0.0514993	0.33187	-3.01323	0.065466	0.357435	-2.79771	0.0692787	0.363761	-2.74906	0.674615	0.810503	-1.2338	0.066912	0.359863	-2.77884	0.957378	1.02695	1.02695	0.283241	1.74154	1.74154	0.571371	1.32926	1.32926	0.436563	0.673725	-1.48429	2.16827	8.50253	3.48563	1
cg16281276	CYB5R2	0.144703	0.0576891	45.0664	45.0664	0.285278	7.1653	7.1653	0.562274	0.353611	-2.82796	0.79353	0.627877	-1.59267	0.047596	55.7044	55.7044	0.0976796	25.1348	25.1348	0.723884	1.87641	1.87641	0.0591836	43.8132	43.8132	0.0800534	31.3722	31.3722	2.16826	108.114	44.3218	1
cg26916410	CPNE7;CPNE7	0.144705	0.464525	1.16955	1.16955	0.839674	0.958276	-1.04354	0.928131	0.981198	-1.01916	0.022539	1.77678	1.77678	0.917741	0.978499	-1.02197	0.213239	1.31756	1.31756	0.122778	0.703418	-1.42163	0.164918	0.732206	-1.36574	0.213898	0.759311	-1.31698	2.16825	1.52013	0.623189	1
cg02011981	CTTN;CTTN	0.144708	0.103877	0.234568	-4.26316	0.0137115	0.0833159	-12.0025	0.177768	0.311067	-3.21474	0.875972	1.13582	1.13582	0.0303844	0.125553	-7.96476	0.224866	0.353648	-2.82767	0.248182	0.373687	-2.67604	0.642524	0.683076	-1.46397	0.325338	0.436877	-2.28897	2.16823	22.831	9.35981	1
cg14188232	ITGA11	0.144709	0.937751	0.962007	-1.03949	0.0344622	3.5015	3.5015	0.149402	2.17033	2.17033	0.431808	1.49046	1.49046	0.616162	0.77806	-1.28525	0.0634104	2.87013	2.87013	0.0234336	3.97973	3.97973	0.587988	1.31212	1.31212	0.179248	2.04233	2.04233	2.28202	8.70047	2.96537	1
cg05181927	RPS24;RPS24;RPS24;RPS24;RPS24;RPS24	0.144713	0.111165	0.330444	-3.02623	0.00985872	0.124791	-8.01338	0.0733313	0.279658	-3.5758	0.92015	0.938022	-1.06607	0.140613	0.363707	-2.74947	0.42332	0.593435	-1.6851	0.0868701	0.299224	-3.34198	0.344769	0.537436	-1.86069	0.729425	0.801264	-1.24803	2.16819	13.9816	5.73203	1
cg13148608	KPNA6	0.144714	0.091285	0.640273	-1.56183	0.64741	0.895477	-1.11672	0.106675	1.52547	1.52547	0.375617	0.804129	-1.24358	0.637979	0.892596	-1.12033	0.0602048	1.66225	1.66225	0.204319	0.725323	-1.3787	0.784565	1.0679	1.0679	0.153662	1.44227	1.44227	2.16818	1.97365	0.809137	1
cg07208690	SLC38A4;SLC38A4	0.144715	0.878996	0.945636	-1.05749	0.0521229	0.444597	-2.24923	0.511212	0.783109	-1.27696	0.623271	1.1992	1.1992	0.0755983	2.06616	2.06616	0.484277	1.29796	1.29796	0.0740606	2.07591	2.07591	0.138638	0.557154	-1.79483	0.991711	0.996196	-1.00382	2.16818	4.62276	1.89519	1
cg04651707	STK17A	0.144717	0.914089	1.01425	1.01425	0.0276467	1.40683	1.40683	0.0819772	1.28742	1.28742	0.365654	1.12958	1.12958	0.197529	1.1955	1.1955	0.522095	1.08877	1.08877	0.111565	0.796769	-1.25507	0.146638	1.22658	1.22658	0.228887	1.18002	1.18002	2.16816	0.590107	0.241928	1
cg25108566	HIST1H2AI;HIST1H2BL	0.144719	0.386766	0.385572	-2.59355	0.779466	1.35195	1.35195	0.074969	8.41687	8.41687	0.227567	0.256489	-3.8988	0.501277	0.480367	-2.08174	0.764764	1.38038	1.38038	0.923652	0.902155	-1.10846	0.1449	5.37537	5.37537	0.019468	20.7798	20.7798	2.16815	39.6238	16.2448	1
cg08696303	BCCIP;DHX32;BCCIP	0.14472	0.267747	0.635365	-1.5739	0.240345	0.616957	-1.62086	0.144887	0.540577	-1.84987	0.638493	1.20431	1.20431	0.156672	0.551465	-1.81335	0.232283	0.611317	-1.63581	0.0276336	0.359484	-2.78176	0.168397	1.78005	1.78005	0.446595	1.35632	1.35632	2.16814	5.30003	2.17289	1
cg21854725	SAMD10;SAMD10	0.144727	0.541048	1.13789	1.13789	0.312793	0.804158	-1.24354	0.713463	0.925896	-1.08004	0.363292	1.21537	1.21537	0.106931	0.692524	-1.44399	0.115707	1.42898	1.42898	0.259414	0.782227	-1.2784	0.0396904	1.64301	1.64301	0.276842	1.26632	1.26632	2.16809	1.49645	0.613525	1
cg03780545	LRRC67	0.144729	0.0306885	1.6814	1.6814	0.344656	1.22047	1.22047	0.408193	1.18906	1.18906	0.76476	1.06335	1.06335	0.98537	0.996254	-1.00376	0.361434	1.2117	1.2117	0.670934	1.09142	1.09142	0.978157	1.00562	1.00562	0.020361	0.564216	-1.77237	2.16808	1.43864	0.589828	1
cg06242471	RASL11A	0.14473	0.0621211	0.615966	-1.62346	0.962867	0.989316	-1.0108	0.801552	1.05983	1.05983	0.27965	0.771581	-1.29604	0.214019	0.739446	-1.35236	0.129652	0.685404	-1.45899	0.0465324	1.6921	1.6921	0.31791	1.26895	1.26895	0.56375	1.14414	1.14414	2.16807	1.82786	0.749406	1
cg24693436	CARD11	0.144732	0.0377955	1.85448	1.85448	0.717744	0.91113	-1.09754	0.591115	0.870191	-1.14917	0.0215492	2.0293	2.0293	0.650987	1.12385	1.12385	0.779687	0.930626	-1.07455	0.0670196	1.69275	1.69275	0.231157	1.37991	1.37991	0.441316	1.223	1.223	2.16806	2.2571	0.925395	1
cg13862851	NGEF;NGEF	0.144733	0.0204695	0.713945	-1.40067	0.70462	1.04702	1.04702	0.337202	1.1268	1.1268	0.406572	0.902633	-1.10787	0.878297	1.01866	1.01866	0.969814	0.995445	-1.00458	0.124092	1.22253	1.22253	0.0678669	1.27987	1.27987	0.973657	0.996024	-1.00399	2.16805	0.499857	0.204939	1
cg26879899	ODZ4	0.144734	0.770832	0.948677	-1.0541	0.240661	1.24806	1.24806	0.600337	0.909046	-1.10005	0.597788	1.1008	1.1008	0.0773603	1.42502	1.42502	0.0393859	1.53712	1.53712	0.0903159	1.4003	1.4003	0.113614	0.733051	-1.36416	0.995617	1.00099	1.00099	2.16805	1.11731	0.458091	1
cg27149136	RIMBP2	0.144736	0.930207	1.03343	1.03343	0.827339	1.08547	1.08547	0.676687	0.854245	-1.17062	0.986213	1.00651	1.00651	0.346254	0.693706	-1.44153	0.776699	1.11268	1.11268	0.545085	0.794293	-1.25898	0.332413	0.685846	-1.45805	0.00377991	0.214311	-4.66611	2.28181	4.98412	1.69889	1
cg26626251	OPCML	0.144746	0.0798953	0.237533	-4.20994	0.294189	0.447182	-2.23622	0.309458	0.459324	-2.17711	0.890964	0.903522	-1.10678	0.00721809	0.0769515	-12.9952	0.155872	0.325284	-3.07423	0.325217	0.471694	-2.12002	0.297065	0.449482	-2.22478	0.0881043	0.248547	-4.02338	2.16796	18.7863	7.70262	1
cg07914084	RYR2	0.144746	0.0505516	0.452943	-2.20778	0.359034	1.39823	1.39823	0.889488	0.951786	-1.05066	0.306095	0.686169	-1.45737	0.114017	0.542764	-1.84242	0.433797	1.32827	1.32827	0.39873	0.735588	-1.35946	0.0886613	0.512974	-1.94942	0.0394764	0.42888	-2.33165	2.16796	4.33766	1.77849	1
cg05711131	TMEM149	0.144748	0.035898	0.722134	-1.38479	0.526283	1.08941	1.08941	0.699566	1.05308	1.05308	0.997598	1.0004	1.0004	0.560817	1.08159	1.08159	0.0401839	0.72892	-1.37189	0.13592	0.807095	-1.23901	0.269407	1.16578	1.16578	0.458756	1.10585	1.10585	2.16794	0.610737	0.250411	1
cg17009869	CSNK1A1;CSNK1A1	0.144748	0.883356	1.01774	1.01774	0.306967	1.13502	1.13502	0.0853143	1.25583	1.25583	0.149472	0.831036	-1.20332	0.586863	0.936408	-1.06791	0.947418	0.992133	-1.00793	0.437243	0.909463	-1.09955	0.884382	1.01758	1.01758	0.014774	1.43226	1.43226	2.16794	0.492398	0.201891	1
cg13735819	JSRP1	0.14475	0.187917	3.65044	3.65044	0.0327486	10.1565	10.1565	0.341721	2.48204	2.48204	0.17751	3.78044	3.78044	0.258867	2.98357	2.98357	0.179292	3.75739	3.75739	0.0859418	5.81769	5.81769	0.0312531	10.4349	10.4349	0.040858	8.93864	8.93864	2.16793	29.5656	12.1224	1
cg03517146	RIN1	0.144751	0.423642	0.876602	-1.14077	0.0479806	0.694658	-1.43956	0.101197	0.748817	-1.33544	0.217316	0.811245	-1.23267	0.154647	0.782298	-1.27828	0.129462	1.30215	1.30215	0.308444	1.18518	1.18518	0.169058	0.789673	-1.26635	0.633733	0.925555	-1.08043	2.16792	0.891803	0.365656	1
cg20027742	MCF2L;MCF2L	0.144752	0.876191	0.967274	-1.03383	0.132363	1.41422	1.41422	0.0770462	1.52131	1.52131	0.563945	1.13257	1.13257	0.10187	0.682395	-1.46543	0.539677	1.14169	1.14169	0.0203909	1.81578	1.81578	0.983596	0.995622	-1.0044	0.535095	1.14345	1.14345	2.16791	1.56379	0.641184	1
cg13494368	PRCP;C11orf82;PRCP	0.144754	0.199518	0.800098	-1.24985	0.777763	1.04766	1.04766	0.529416	1.11052	1.11052	0.297568	1.19444	1.19444	0.530648	0.900769	-1.11016	0.186721	0.794305	-1.25896	0.0480122	0.689429	-1.45047	0.184712	1.26045	1.26045	0.0873025	1.36425	1.36425	2.1679	0.929505	0.381118	1
cg11813246	RIMKLA	0.144754	0.450236	0.850607	-1.17563	0.183442	1.34559	1.34559	0.294741	0.795689	-1.25677	0.38276	1.20714	1.20714	0.0430316	0.612827	-1.63178	0.350521	1.22397	1.22397	0.136981	0.713973	-1.40061	0.178579	0.740395	-1.35063	0.127386	0.707006	-1.41442	2.1679	1.51874	0.622718	1
cg20152430	HOXB3	0.144756	0.093755	5.50479	5.50479	0.259546	2.96986	2.96986	0.121401	4.73104	4.73104	0.120285	4.75691	4.75691	0.89246	0.882336	-1.13335	0.609604	0.620874	-1.61063	0.612346	1.60466	1.60466	0.0192563	13.7399	13.7399	0.0613425	7.03528	7.03528	2.16789	29.4073	12.0577	1
cg23873872	EEF1A1	0.144757	0.0772277	0.600867	-1.66426	0.107859	0.634498	-1.57605	0.0544989	1.7606	1.7606	0.418999	1.23876	1.23876	0.0758509	0.599118	-1.66912	0.902624	0.968762	-1.03225	0.47795	0.829388	-1.20571	0.550352	0.85498	-1.16962	0.736405	1.09155	1.09155	2.16788	2.3083	0.946465	1
cg07791762	MYO9B;MYO9B	0.144757	0.156526	0.769427	-1.29967	0.936405	0.986294	-1.0139	0.440221	0.872728	-1.14583	0.773977	1.05106	1.05106	0.667922	0.928078	-1.0775	0.0140955	0.592126	-1.68883	0.0637125	1.43405	1.43405	0.900211	1.02193	1.02193	0.398572	0.861161	-1.16122	2.16788	1.02695	0.421079	1
cg07835141	PIK3R5;PIK3R5	0.144759	0.516708	1.28165	1.28165	0.365689	0.704128	-1.4202	0.831595	1.0837	1.0837	0.202739	1.66123	1.66123	0.364003	0.70321	-1.42205	0.100762	1.97087	1.97087	0.0446749	2.38691	2.38691	0.0920094	0.496545	-2.01392	0.423491	0.73451	-1.36145	2.16787	4.89136	2.0056	1
cg19009305	ISG20	0.144763	0.1432	0.606245	-1.6495	0.499163	1.24388	1.24388	0.032958	0.452303	-2.21091	0.626657	0.855611	-1.16876	0.284312	0.702005	-1.42449	0.399984	1.31531	1.31531	0.166269	1.59929	1.59929	0.36494	1.34465	1.34465	0.129112	0.593529	-1.68484	2.16784	3.47431	1.42459	1
cg13402773	SEC1;DBP	0.144763	0.0135579	0.405766	-2.46447	0.64442	0.871784	-1.14707	0.690338	1.12551	1.12551	0.0272094	0.462219	-2.16348	0.631627	0.867085	-1.15329	0.545852	1.19778	1.19778	0.578256	1.18034	1.18034	0.663888	1.13779	1.13779	0.971733	1.01052	1.01052	2.16783	2.99285	1.22718	1
cg06696800	FAM176A;FAM176A;FAM176A	0.144764	0.818692	1.04681	1.04681	0.00656508	0.494891	-2.02065	0.567648	0.89128	-1.12198	0.730698	0.933475	-1.07127	0.198225	0.762669	-1.31119	0.0560908	0.649796	-1.53894	0.389519	0.838875	-1.19207	0.858653	1.03616	1.03616	0.886326	1.02891	1.02891	2.16783	1.36296	0.558863	1
cg17103638	ANK1;ANK1;ANK1;ANK1;ANK1	0.144764	0.176495	0.562592	-1.77749	0.884292	0.943373	-1.06003	0.239915	0.611038	-1.63656	0.650384	0.833058	-1.2004	0.00493451	0.225235	-4.4398	0.528917	0.774635	-1.29093	0.722489	0.866975	-1.15344	0.359591	0.685866	-1.45801	0.0714383	0.446685	-2.23871	2.16783	5.50193	2.25599	1
cg16803678	RYK;RYK	0.144768	0.214706	0.518409	-1.92898	0.0330257	0.285387	-3.50402	0.61839	0.776777	-1.28737	0.207155	1.95253	1.95253	0.305976	0.586757	-1.70428	0.210749	0.515147	-1.94119	0.0377606	0.297613	-3.36007	0.744428	1.17885	1.17885	0.165245	0.474962	-2.10543	2.1678	8.68662	3.56188	1
cg17045772	CTPS	0.144769	0.0522516	3.09908	3.09908	0.0303434	3.68498	3.68498	0.373625	1.59667	1.59667	0.0515222	3.11298	3.11298	0.65695	0.795318	-1.25736	0.394775	1.56292	1.56292	0.31929	1.69437	1.69437	0.0564481	3.02383	3.02383	0.188438	2.04209	2.04209	2.1678	9.01227	3.69541	1
cg15214567	U2AF1;U2AF1;U2AF1	0.144769	0.273071	0.540964	-1.84855	0.602129	1.32753	1.32753	0.528228	0.708794	-1.41085	0.0228783	4.33392	4.33392	0.389448	1.60808	1.60808	0.061145	3.11598	3.11598	0.239479	0.515057	-1.94153	0.434765	0.650993	-1.53611	0.690875	1.24023	1.24023	2.1678	9.96085	4.08438	1
cg12701088	MCF2L;MCF2L	0.144772	0.864084	0.947237	-1.0557	0.0383132	2.13711	2.13711	0.0318628	2.21614	2.21614	0.475979	1.25774	1.25774	0.217937	0.663621	-1.50688	0.386482	1.32428	1.32428	0.0584126	1.96713	1.96713	0.823795	1.07311	1.07311	0.629992	1.16599	1.16599	2.16777	3.43664	1.40918	1
cg08905487	LAIR2;LAIR2	0.144774	0.260898	0.364346	-2.74464	0.211175	0.321644	-3.10903	0.0886327	0.198428	-5.03962	0.0774794	0.184546	-5.41869	0.0216061	0.0929823	-10.7547	0.400321	0.476486	-2.0987	0.0244768	0.0994811	-10.0522	0.405237	0.480343	-2.08184	0.166805	0.281052	-3.55806	2.16776	25.4554	10.4379	1
cg07803284	ETV5	0.144775	0.131621	0.424069	-2.35811	0.0566571	0.320736	-3.11783	0.673606	0.799881	-1.25019	0.236563	0.520131	-1.92259	0.0691147	0.342333	-2.92113	0.465609	0.676122	-1.47902	0.0258006	0.247775	-4.03593	0.334729	1.68937	1.68937	0.207521	0.496322	-2.01482	2.16776	9.53794	3.91104	1
cg17809284	C5orf35;C5orf35	0.144775	0.167942	0.845395	-1.18288	0.105014	0.816725	-1.2244	0.520499	1.07728	1.07728	0.182089	0.850558	-1.1757	0.830201	0.975755	-1.02485	0.502507	0.925171	-1.08088	0.00845288	0.680935	-1.46857	0.300607	0.884629	-1.13042	0.66008	1.05188	1.05188	2.16775	0.448441	0.183884	1
cg02851049	POLR3K	0.144775	0.0564045	3.03381	3.03381	0.699983	1.22009	1.22009	0.887276	0.929723	-1.07559	0.161351	2.15642	2.15642	0.183914	2.06313	2.06313	0.277013	1.78756	1.78756	0.0646594	2.9043	2.9043	0.0229065	4.04849	4.04849	0.0653725	2.89413	2.89413	2.16775	9.06183	3.71581	1
cg03291835	COL4A1	0.144776	0.0997621	0.382896	-2.61168	0.0783908	2.83076	2.83076	0.397276	0.63047	-1.58612	0.103802	0.38804	-2.57705	0.0430516	0.289695	-3.45191	0.26924	0.542086	-1.84472	0.36422	0.608827	-1.6425	0.68242	0.803369	-1.24476	0.189396	0.477189	-2.09561	2.16774	9.72386	3.9873	1
cg09231514	HSD11B1L;HSD11B1L;HSD11B1L;HSD11B1L;C19orf70;HSD11B1L;HSD11B1L	0.144778	0.281262	0.621391	-1.60929	0.529243	0.762764	-1.31102	0.457704	0.725202	-1.37893	0.830261	0.912828	-1.0955	0.00555004	0.212661	-4.70232	0.675338	1.19598	1.19598	0.128011	0.497044	-2.01189	0.404245	1.43706	1.43706	0.722663	0.859503	-1.16346	2.16773	6.1973	2.54124	1
cg16958939	RREB1;RREB1;RREB1;RREB1	0.144779	0.656626	1.196	1.196	0.304973	1.52947	1.52947	0.0980117	0.483833	-2.06683	0.374593	0.69451	-1.43986	0.508403	1.30782	1.30782	0.261014	1.59825	1.59825	0.0715874	0.447192	-2.23618	0.100734	2.05259	2.05259	0.183332	0.568522	-1.75895	2.16772	5.49328	2.25255	1
cg08945214	KLF13	0.144782	0.597103	0.835444	-1.19697	0.0292042	2.37758	2.37758	0.340395	1.39259	1.39259	0.766267	0.904406	-1.1057	0.32304	0.708896	-1.41064	0.0575408	0.484844	-2.06252	0.176712	1.6226	1.6226	0.315553	1.41874	1.41874	0.890281	1.04762	1.04762	2.1677	3.90022	1.59933	1
cg18830083	BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;BRCA1	0.144783	0.288663	0.636138	-1.57199	0.0755958	0.443861	-2.25296	0.45189	0.729976	-1.36991	0.0743224	2.26279	2.26279	0.243982	0.606175	-1.64969	0.188219	0.56406	-1.77286	0.208594	0.580202	-1.72354	0.095234	0.471047	-2.12293	0.383059	1.44388	1.44388	2.1677	5.7898	2.37417	1
cg17318769	TRIM2;TRIM2;ANXA2P1	0.144784	0.342801	1.34935	1.34935	0.384841	0.760982	-1.31409	0.581757	0.843201	-1.18596	0.287794	0.712955	-1.40261	0.0920928	0.566404	-1.76552	0.229809	0.679584	-1.47149	0.0278311	2.21883	2.21883	0.246337	0.689582	-1.45015	0.549114	1.20423	1.20423	2.16769	3.22661	1.32311	1
cg14067419	NCRNA00092	0.144786	0.599699	1.11365	1.11365	0.015043	1.83567	1.83567	0.93779	1.01599	1.01599	0.0923763	1.45717	1.45717	0.82915	0.957025	-1.0449	0.934106	0.983333	-1.01695	0.0710399	0.663714	-1.50667	0.748238	1.06764	1.06764	0.703152	0.92513	-1.08093	2.16768	1.41834	0.581614	1
cg25497529	COMP	0.144786	0.825692	0.872279	-1.14642	0.0980058	3.07858	3.07858	0.0144442	6.472	6.472	0.944972	1.04369	1.04369	0.344856	0.547297	-1.82716	0.324206	1.87904	1.87904	0.421446	1.66326	1.66326	0.388505	0.578378	-1.72897	0.118973	2.85294	2.85294	2.16767	13.1767	5.4033	1
cg10415685	ADRB1;ADRB1	0.144786	0.2471	0.498088	-2.00768	0.00572647	0.124157	-8.0543	0.19249	0.451848	-2.21313	0.947885	0.963054	-1.03836	0.214975	0.471549	-2.12067	0.547996	0.704612	-1.41922	0.0727252	0.315688	-3.16769	0.235976	0.489086	-2.04463	0.687575	0.792295	-1.26216	2.16767	11.3867	4.66929	1
cg03606222	NAPA	0.144788	0.982761	1.01618	1.01618	0.532781	0.624924	-1.60019	0.534822	1.59634	1.59634	0.0138044	0.0964707	-10.3658	0.413558	1.86431	1.86431	0.169526	0.333711	-2.99661	?	?	?	0.0892008	0.243321	-4.10979	0.992362	1.00713	1.00713	2.29819	17.4696	6.65126	1
cg11671363	MIR145;LOC728264	0.144788	0.78546	1.16563	1.16563	0.758765	1.18889	1.18889	0.388543	0.60873	-1.64276	0.280357	0.532429	-1.87818	0.0150213	0.186544	-5.36068	0.634993	0.764439	-1.30815	0.0278696	0.232293	-4.3049	0.452009	1.53785	1.53785	0.29838	0.545819	-1.83211	2.16766	10.8316	4.44169	1
cg20847701	PVT1	0.144788	0.110137	0.304523	-3.28382	0.0256653	0.163683	-6.10935	0.639521	0.724611	-1.38005	0.458504	0.597231	-1.67439	0.0222784	0.154043	-6.4917	0.33472	0.506955	-1.97256	0.0667256	0.245678	-4.07037	0.425601	0.573747	-1.74293	0.104659	0.297876	-3.3571	2.16766	16.0078	6.56428	1
cg22031629	THAP7;THAP7;FLJ39582;FLJ39582	0.144789	0.380937	1.18139	1.18139	0.007193	1.90319	1.90319	0.0767896	1.4406	1.4406	0.724527	0.936476	-1.06783	0.356956	1.19212	1.19212	0.123059	1.36326	1.36326	0.608449	1.10058	1.10058	0.823248	1.04237	1.04237	0.171176	1.3103	1.3103	2.16765	1.18116	0.48436	1
cg17848002	ATAD3A;ATAD3A;ATAD3A	0.144789	0.234664	1.26295	1.26295	0.101528	0.714646	-1.39929	0.0113195	1.81184	1.81184	0.294626	1.22593	1.22593	0.66046	1.08637	1.08637	0.95446	1.01076	1.01076	0.28955	1.22877	1.22877	0.269156	1.24068	1.24068	0.403808	1.17362	1.17362	2.16765	1.20567	0.494411	1
cg04938107	ENPP7	0.144791	0.109025	0.333325	-3.00008	0.0465152	0.238543	-4.19212	0.0280064	0.195587	-5.11281	0.502353	0.651838	-1.53412	0.161399	0.390573	-2.56034	0.134273	0.362375	-2.75957	0.0499508	0.24527	-4.07713	0.100157	0.322269	-3.10299	0.728911	0.803553	-1.24447	2.16764	13.5663	5.56314	1
cg23224191	MCCD1	0.144793	0.0373249	0.60559	-1.65128	0.962949	0.990406	-1.00969	0.66927	0.914683	-1.09327	0.977769	0.994234	-1.0058	0.599357	0.895822	-1.11629	0.0316731	0.592874	-1.6867	0.256884	1.27837	1.27837	0.230153	1.2986	1.2986	0.159396	0.731925	-1.36626	2.16763	1.47868	0.606368	1
cg13081498	HSPB7	0.144794	0.279143	0.609057	-1.64188	0.0314737	3.03968	3.03968	0.0444383	2.76542	2.76542	0.344288	1.53615	1.53615	0.111138	0.465432	-2.14854	0.736018	1.1608	1.1608	0.613945	1.25126	1.25126	0.93094	0.962524	-1.03893	0.80667	1.1141	1.1141	2.16762	6.66661	2.73382	1
cg17037406	PGAM5;PGAM5;PGAM5	0.144795	0.354631	1.60835	1.60835	0.0102675	5.02442	5.02442	0.0312693	3.52893	3.52893	0.949106	1.03237	1.03237	0.601621	0.768851	-1.30064	0.605301	1.29713	1.29713	0.212212	1.92655	1.92655	0.235797	1.85891	1.85891	0.71828	1.19816	1.19816	2.16761	8.54903	3.50576	1
cg18837035	C15orf26	0.144796	0.122177	0.423345	-2.36214	0.0490347	0.31568	-3.16776	0.0657587	0.346646	-2.88479	0.224741	0.519807	-1.92379	0.207968	0.506004	-1.97627	0.295356	0.573032	-1.7451	0.0246938	0.253511	-3.9446	0.0521415	0.321919	-3.10637	0.72795	0.835953	-1.19624	2.1676	9.03818	3.70637	1
cg18956558	RNF41;RNF41;RNF41	0.144796	0.349624	1.09528	1.09528	0.370351	0.916718	-1.09085	0.0916038	1.19195	1.19195	0.112258	0.84921	-1.17757	0.0807575	1.20089	1.20089	0.0894397	1.19364	1.19364	0.412917	1.08234	1.08234	0.635087	1.04623	1.04623	0.311442	0.905754	-1.10405	2.1676	0.306744	0.125789	1
cg27537628	CCDC106;CCDC106	0.144797	0.402543	0.886387	-1.12818	0.290926	0.857029	-1.16682	0.307643	1.16028	1.16028	0.406262	0.887269	-1.12705	0.620524	1.07279	1.07279	0.0380452	0.712811	-1.4029	0.235679	0.839498	-1.19119	0.725384	1.0509	1.0509	0.0448828	1.38276	1.38276	2.1676	0.680356	0.279	1
cg02726739	BAHD1	0.144798	0.103444	0.619326	-1.61466	0.444983	1.23303	1.23303	0.926995	0.975646	-1.02496	0.10992	0.625766	-1.59804	0.0124372	0.433082	-2.30903	0.511082	0.835839	-1.1964	0.0858827	0.600118	-1.66634	0.920754	1.02713	1.02713	0.421008	0.801593	-1.24752	2.16759	2.48462	1.0189	1
cg00295182	PANK4	0.144799	0.187553	0.479797	-2.08421	0.126263	2.38645	2.38645	0.171775	2.14882	2.14882	0.784678	1.1549	1.1549	0.227343	0.51356	-1.94719	0.841035	0.899789	-1.11137	0.0246321	0.244834	-4.0844	0.25031	0.531707	-1.88074	0.979119	0.986333	-1.01386	2.16758	9.49149	3.8923	1
cg11276198	KRAS;KRAS	0.144801	0.887691	0.953894	-1.04833	0.526763	1.23891	1.23891	0.516571	1.24569	1.24569	0.825193	0.928772	-1.07669	0.923836	1.03246	1.03246	0.445748	0.771329	-1.29646	0.00384577	0.272193	-3.67386	0.388507	0.744371	-1.34342	0.8324	1.07336	1.07336	2.16757	3.83053	1.57084	1
cg01141636	CYFIP2;C5orf40;CYFIP2;CYFIP2	0.144801	0.510178	0.658347	-1.51896	0.014499	6.58498	6.58498	0.0506356	4.02984	4.02984	0.756797	1.21457	1.21457	0.360248	0.555109	-1.80145	0.733269	0.807307	-1.23869	0.383021	0.571328	-1.75031	0.376966	1.76354	1.76354	0.965472	0.973276	-1.02746	2.16757	13.443	5.51277	1
cg14018434	SLC2A8	0.144806	0.609963	0.939575	-1.06431	0.0466953	1.31773	1.31773	0.0837735	1.2609	1.2609	0.0829435	1.26186	1.26186	0.908948	0.986236	-1.01396	0.491928	0.918917	-1.08824	0.0587943	1.29508	1.29508	0.887839	1.01724	1.01724	0.397913	0.900453	-1.11055	2.16753	0.503814	0.20661	1
cg05643964	LIME1	0.144817	0.0803391	2.88365	2.88365	0.276393	1.85541	1.85541	0.292213	1.81596	1.81596	0.113992	2.55667	2.55667	0.22156	2.01671	2.01671	0.10128	2.66339	2.66339	0.0462847	3.4778	3.4778	0.0248997	4.29457	4.29457	0.0651548	3.09691	3.09691	2.16746	10.2316	4.19607	1
cg15723641	FAM73A;FAM73A	0.144817	0.33118	1.16776	1.16776	0.607101	0.922902	-1.08354	0.201691	1.23189	1.23189	0.141051	1.27746	1.27746	0.0403116	1.44256	1.44256	0.252321	1.20318	1.20318	0.359251	1.15698	1.15698	0.556756	1.0963	1.0963	0.0108379	1.64042	1.64042	2.16745	0.82137	0.33685	1
cg08186005	ITPR2	0.144818	0.0820969	0.318411	-3.1406	0.204335	0.45123	-2.21616	0.0950677	0.336315	-2.97341	0.286584	0.518179	-1.92984	0.00666464	0.123509	-8.0966	0.423531	0.615317	-1.62518	0.332397	0.552077	-1.81134	0.282944	0.515402	-1.94023	0.163386	0.413228	-2.41997	2.16745	12.116	4.96885	1
cg14086045	KIRREL	0.144822	0.21479	0.86066	-1.1619	0.0112131	0.694103	-1.44071	?	?	?	0.250495	1.14795	1.14795	0.16586	0.843832	-1.18507	0.444355	0.914297	-1.09374	0.686057	0.954379	-1.0478	0.995367	1.00067	1.00067	0.22153	0.862731	-1.15911	2.18534	0.406221	0.185884	1
cg18236224	COPZ1	0.144824	0.548392	1.37655	1.37655	0.042907	0.293421	-3.40807	0.0439999	3.38017	3.38017	0.305239	1.74835	1.74835	0.53358	1.39347	1.39347	0.221194	1.96742	1.96742	0.835096	1.11594	1.11594	0.283621	0.556437	-1.79715	0.326431	0.586752	-1.7043	2.16741	9.5057	3.89844	1
cg10723629	TXNDC9;EIF5B	0.144825	0.587588	0.713647	-1.40125	0.0397533	4.32659	4.32659	0.0723014	3.44084	3.44084	0.823996	0.871761	-1.1471	0.494493	0.652189	-1.5333	0.201473	0.435579	-2.2958	0.575279	0.705557	-1.41732	0.076263	0.29665	-3.37097	0.959045	1.03214	1.03214	2.1674	13.0298	5.34377	1
cg16861955	HS3ST3A1	0.144829	0.255371	0.623334	-1.60428	0.801631	1.1054	1.1054	0.635147	0.826735	-1.20958	0.122415	0.51358	-1.94712	0.355432	0.68496	-1.45994	0.578242	0.799671	-1.25051	0.963459	1.0184	1.0184	0.0101337	3.63682	3.63682	0.599657	1.2347	1.2347	2.16737	5.43908	2.23069	1
cg23770553	MSI2;MSI2	0.144831	0.342132	0.817033	-1.22394	0.51661	1.14542	1.14542	0.892113	0.972372	-1.02841	0.933711	0.982972	-1.01732	0.757335	1.06608	1.06608	0.13019	1.4014	1.4014	0.00683941	2.06108	2.06108	0.729113	1.07441	1.07441	0.347152	0.818845	-1.22123	2.16736	1.46313	0.600067	1
cg17415381	CYB561;CYB561;CYB561	0.144831	0.199256	1.67519	1.67519	0.0331756	2.57839	2.57839	0.863126	1.06784	1.06784	0.423304	1.3649	1.3649	0.149206	1.80098	1.80098	0.127993	0.53477	-1.86996	0.86142	0.937843	-1.06628	0.616581	0.825286	-1.2117	0.0601544	2.24003	2.24003	2.16736	4.96667	2.03696	1
cg25413125	ARHGAP9;ARHGAP9	0.144832	0.580213	0.928041	-1.07754	0.444009	0.900937	-1.10996	0.226016	0.843706	-1.18525	0.127496	0.802275	-1.24646	0.0930576	0.781143	-1.28018	0.307752	0.868372	-1.15158	0.0135933	0.664865	-1.50406	0.138432	0.807965	-1.23768	0.0331184	0.716762	-1.39516	2.16735	0.613418	0.25158	1
cg25467855	LNPEP	0.144833	0.0563291	0.466991	-2.14137	0.482274	1.28613	1.28613	0.857403	1.06542	1.06542	0.667644	0.858813	-1.1644	0.213361	0.630202	-1.58679	0.140682	1.74784	1.74784	0.757155	0.896471	-1.11548	0.0285368	0.402329	-2.48553	0.193565	0.615866	-1.62373	2.16734	4.2616	1.7478	1
cg17308151	RPL27A	0.144834	0.343214	0.845374	-1.18291	0.0181898	1.63766	1.63766	0.966078	0.992711	-1.00734	0.296166	0.829988	-1.20484	0.34562	1.18186	1.18186	0.757547	0.948126	-1.05471	0.0501654	0.68104	-1.46834	0.762687	1.05348	1.05348	0.863035	1.03015	1.03015	2.16733	1.01579	0.416606	1
cg04240583	CGN	0.144835	0.113343	0.46661	-2.14312	0.339325	1.54602	1.54602	0.142952	0.498325	-2.00672	0.791318	0.889302	-1.12448	0.0672463	0.403616	-2.4776	0.554805	0.767764	-1.30248	0.0345973	0.336212	-2.97432	0.101832	0.452814	-2.20841	0.100856	0.451598	-2.21436	2.16733	6.71795	2.75524	1
cg02159402	GALNT11	0.144835	0.187432	1.26365	1.26365	0.331049	1.18291	1.18291	0.264123	1.21526	1.21526	0.51159	1.11796	1.11796	0.102183	1.34931	1.34931	0.0314084	0.655225	-1.52619	0.301217	1.19651	1.19651	0.4264	1.14571	1.14571	0.101498	1.35027	1.35027	2.16733	0.962957	0.394939	1
cg04996219	CTNND2	0.14484	0.0763047	0.226211	-4.42065	0.837118	0.861386	-1.16092	?	?	?	0.198498	2.73055	2.73055	?	?	?	0.375964	1.94344	1.94344	0.0829415	0.235899	-4.23911	?	?	?	0.307886	2.169	2.169	2.49864	13.1882	5.27815	1
cg02944871	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.144844	0.866974	1.13063	1.13063	0.109839	3.58395	3.58395	0.627129	1.43119	1.43119	0.766792	1.24335	1.24335	0.635009	0.704545	-1.41936	0.0984053	3.77112	3.77112	0.0503203	5.12405	5.12405	0.0292297	6.56289	6.56289	0.0549117	4.92455	4.92455	2.16727	18.4095	7.55054	1
cg04630161	YTHDC1;YTHDC1	0.144846	0.705672	0.824991	-1.21213	0.033048	0.282589	-3.5387	0.16244	0.469459	-2.13011	0.42695	1.50874	1.50874	0.646989	0.791527	-1.26338	0.0774735	2.70498	2.70498	0.110197	2.41743	2.41743	0.771334	1.15923	1.15923	0.782227	1.15085	1.15085	2.16725	8.8244	3.61929	1
cg09854088	LGR6;LGR6;LGR6	0.144847	0.161586	4.94258	4.94258	0.0321237	14.6321	14.6321	0.117799	6.14499	6.14499	0.119269	6.09333	6.09333	0.516125	0.494706	-2.0214	0.0606115	9.59647	9.59647	0.296544	3.18028	3.18028	0.0869998	7.54053	7.54053	0.135994	5.56982	5.56982	2.16724	39.2216	16.0867	1
cg07602073	TRIM17;TRIM11;TRIM17;TRIM17	0.144851	0.130211	0.374583	-2.66964	0.125372	2.70882	2.70882	0.201093	2.2505	2.2505	0.502268	1.50543	1.50543	0.278655	0.508279	-1.96742	0.206905	0.449478	-2.2248	0.0817622	0.313864	-3.1861	0.730356	0.812328	-1.23103	0.112911	0.354658	-2.81962	2.16721	12.3881	5.08104	1
cg26731327	BAI1	0.144852	0.189172	0.749948	-1.33343	0.305195	0.802801	-1.24564	0.561206	0.885555	-1.12924	0.12291	0.707676	-1.41308	0.0177038	0.550602	-1.81619	0.24837	0.77909	-1.28355	0.0927349	1.46621	1.46621	0.480307	0.862064	-1.16001	0.800945	0.94908	-1.05365	2.16721	1.46891	0.602481	1
cg18334412	CACNB4;CACNB4;CACNB4;CACNB4	0.144853	0.648575	0.915561	-1.09223	0.299187	0.813121	-1.22983	0.529222	1.13038	1.13038	0.662291	1.08817	1.08817	0.62155	0.908763	-1.1004	0.0594882	0.664333	-1.50527	0.00685353	0.510049	-1.9606	0.414761	0.851905	-1.17384	0.798845	0.952088	-1.05032	2.1672	1.26879	0.520402	1
cg24651977	TBC1D1	0.144856	0.0317472	0.343457	-2.91157	0.0557292	0.398435	-2.50982	0.290527	0.627724	-1.59306	0.198891	0.561973	-1.77944	0.0411608	0.367845	-2.71854	0.867206	1.07363	1.07363	0.0616807	0.409246	-2.44352	0.182615	0.548586	-1.82287	0.291307	0.628232	-1.59177	2.16718	6.18539	2.537	1
cg13314400	ATP2A2;ATP2A2;ATP2A2	0.144857	0.648542	1.15489	1.15489	0.515664	1.2298	1.2298	0.730123	1.1148	1.1148	0.0922919	1.78866	1.78866	0.566802	1.19924	1.19924	0.408894	1.30352	1.30352	0.0120583	0.3744	-2.67094	0.901082	1.03979	1.03979	0.250201	0.685856	-1.45803	2.16717	3.38023	1.38644	1
cg03028685	FRAT1	0.144859	0.412314	0.888737	-1.12519	0.0580906	1.35176	1.35176	0.16491	1.2318	1.2318	0.775529	0.960568	-1.04105	0.420712	1.12272	1.12272	0.0657726	1.33715	1.33715	0.0659508	0.748038	-1.33683	0.671632	0.941763	-1.06184	0.707731	1.05443	1.05443	2.16716	0.679659	0.278771	1
cg00014194	OLFM1;OLFM1	0.144863	0.783459	0.862971	-1.15879	0.0156436	4.88093	4.88093	0.0693316	2.96534	2.96534	0.14482	2.31122	2.31122	0.470362	1.48124	1.48124	0.180704	2.13908	2.13908	0.152674	2.26927	2.26927	0.352734	1.66791	1.66791	0.0538207	3.22601	3.22601	2.16713	9.82312	4.02913	1
cg16063617	ISOC1	0.144863	0.406608	1.59151	1.59151	0.109934	2.62016	2.62016	0.323779	0.571999	-1.74825	0.791696	0.865517	-1.15538	0.496525	1.45856	1.45856	0.604558	1.33021	1.33021	0.0171829	5.1278	5.1278	0.225113	2.01416	2.01416	0.0436996	3.64319	3.64319	2.28081	10.521	3.58775	1
cg22809047	RPL31;RPL31;RPL31	0.144863	0.0313438	4.20725	4.20725	0.12561	2.56773	2.56773	0.330042	1.77155	1.77155	0.318538	1.79773	1.79773	0.964892	1.02536	1.02536	0.115814	2.64453	2.64453	0.0502516	3.56024	3.56024	0.0305604	4.24522	4.24522	0.16884	2.3027	2.3027	2.16713	11.1097	4.55684	1
cg03370752	TMEM138;TMEM138	0.144863	0.936219	0.975599	-1.02501	0.016942	0.406982	-2.45711	0.932617	0.974236	-1.02645	0.492769	1.23988	1.23988	0.0386542	0.47749	-2.09428	0.531617	1.21601	1.21601	0.536852	1.21291	1.21291	0.622717	0.858073	-1.1654	0.14386	0.61589	-1.62367	2.16713	3.2699	1.34121	1
cg12814141	SMOC1;SMOC1	0.144864	0.0547042	0.387958	-2.5776	0.429609	0.704459	-1.41953	0.458459	1.38821	1.38821	0.604619	1.25476	1.25476	0.79073	1.1225	1.1225	0.728859	1.16323	1.16323	0.57433	1.27965	1.27965	0.0975509	2.20318	2.20318	0.0299891	0.329801	-3.03214	2.16712	6.47951	2.6577	1
cg21175174	OLFM1;OLFM1	0.144864	0.971373	0.985603	-1.01461	0.0683834	2.28088	2.28088	0.396339	0.703982	-1.42049	0.613969	1.22819	1.22819	0.264023	0.624696	-1.60078	0.548417	0.782388	-1.27814	0.0167331	0.30722	-3.255	0.261893	0.623272	-1.60444	0.276741	0.633074	-1.57959	2.16712	5.60507	2.29903	1
cg07612468	TMEM50B	0.144868	0.060084	0.738532	-1.35404	0.634988	0.933943	-1.07073	0.647572	0.936343	-1.06798	0.0937344	0.768443	-1.30133	0.0362464	0.706127	-1.41617	0.0661351	0.744859	-1.34254	0.325925	0.865069	-1.15598	0.213395	1.20592	1.20592	0.396187	0.883234	-1.1322	2.16709	0.700906	0.287495	1
cg06046490	IFITM3	0.14487	0.225714	0.342332	-2.92114	0.317747	2.38729	2.38729	0.0603002	0.167764	-5.96074	0.526746	1.7167	1.7167	0.103964	0.223591	-4.47246	0.240351	2.8173	2.8173	0.515466	1.74307	1.74307	0.674219	1.42794	1.42794	0.0674119	0.177862	-5.62232	2.16708	24.3668	9.99472	1
cg17446262	TBC1D19	0.14487	0.532642	0.872948	-1.14554	0.0110733	0.504123	-1.98364	0.31036	1.25318	1.25318	0.929976	1.01908	1.01908	0.395844	1.20556	1.20556	0.159326	1.38176	1.38176	0.776694	0.940695	-1.06304	0.331395	1.24043	1.24043	0.376054	1.21569	1.21569	2.16708	1.58649	0.650744	1
cg11264635	SLC1A6	0.144875	0.0540762	0.184276	-5.42664	0.328694	0.458475	-2.18115	0.846939	0.861148	-1.16124	0.214117	0.363557	-2.7506	0.0715498	0.210857	-4.74256	0.17061	0.323425	-3.0919	0.0182488	0.108985	-9.17557	0.0961242	0.243288	-4.11035	0.107451	0.256897	-3.89261	2.16705	20.5378	8.42431	1
cg24649771	CDYL;CDYL;CDYL;CDYL	0.144875	0.789843	0.955551	-1.04652	0.135094	0.760189	-1.31546	0.0510365	1.45976	1.45976	0.453131	1.13893	1.13893	0.0779471	1.39572	1.39572	0.0927691	0.72991	-1.37003	0.505418	1.1219	1.1219	0.784243	1.04782	1.04782	0.314302	1.19378	1.19378	2.16704	0.994387	0.407883	1
cg22814023	OR2H2	0.144884	0.091323	0.119768	-8.3495	0.204318	0.216802	-4.6125	0.893899	0.858738	-1.1645	0.281855	0.279046	-3.58364	0.0606519	0.0894662	-11.1774	0.155098	0.17614	-5.67729	0.0248891	0.0475099	-21.0483	0.0400945	0.0667165	-14.9888	0.149339	0.171268	-5.83881	2.16699	44.7021	18.3366	1
cg05377417	BRIP1	0.144885	0.349827	1.65662	1.65662	0.0773748	2.80051	2.80051	0.575271	1.34571	1.34571	0.837801	1.1135	1.1135	0.641723	0.782094	-1.27862	?	?	?	0.0596605	0.327993	-3.04885	0.110618	0.401777	-2.48894	0.17016	0.46474	-2.15174	2.18488	8.46213	3.87303	1
cg26856080	TRIM59	0.144886	0.175735	17.8143	17.8143	0.503723	3.79748	3.79748	0.186595	16.404	16.404	0.271624	9.69267	9.69267	0.311961	0.126022	-7.93511	0.722845	2.00894	2.00894	0.107304	34.8458	34.8458	0.0156271	526.342	526.342	0.0634139	71.1697	71.1697	2.44048	140.851	38.4765	1
cg12590902	ERI3	0.144889	0.255737	0.641782	-1.55816	0.691769	0.861606	-1.16062	0.145421	0.557447	-1.79389	0.381354	0.714886	-1.39882	0.0275092	0.377377	-2.64987	0.104778	0.515452	-1.94004	0.347285	0.696448	-1.43586	0.740931	1.13204	1.13204	0.0159757	0.331964	-3.01238	2.16695	4.79563	1.96719	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg01080592	HSPB6;C19orf55	0.144891	0.984748	0.997034	-1.00297	0.758403	1.04911	1.04911	0.969488	1.00596	1.00596	0.00446854	0.554787	-1.8025	0.486694	0.895997	-1.11607
cg21181453	DPM2	0.144893	0.0504744	9.94252	9.94252	0.0425396	11.0922	11.0922	0.439232	2.25428	2.25428	0.0327223	13.1235	13.1235	0.219879	3.77787	3.77787
cg05323533	PHOX2B	0.144896	0.153948	4.12275	4.12275	0.49982	1.88827	1.88827	0.127886	4.60699	4.60699	0.196251	3.55428	3.55428	0.826963	0.816139	-1.22528
cg07353685	S100A2	0.144901	0.0269708	0.381179	-2.62344	0.46239	0.759217	-1.31715	0.150823	0.567258	-1.76287	0.0249244	0.374301	-2.67164	0.0398607	0.416938	-2.39844
cg14762856	CSMD1	0.144904	0.348487	1.2152	1.2152	0.301499	1.24132	1.24132	0.437001	1.17365	1.17365	0.0792213	1.48215	1.48215	0.817664	0.954436	-1.04774
cg04029738	FASN	0.144905	0.637123	1.14397	1.14397	0.0360575	0.501499	-1.99402	0.503709	0.825244	-1.21176	0.247411	1.40821	1.40821	0.0721243	0.566562	-1.76503
cg23820746	ZC3H3	0.144906	0.881115	1.03321	1.03321	0.411753	0.832601	-1.20105	0.00621682	0.459035	-2.17848	0.902536	0.973612	-1.0271	0.500209	0.861247	-1.16111
cg07150062	ASPG	0.14491	0.0361487	35.1076	35.1076	0.0407753	31.4709	31.4709	0.145299	9.81467	9.81467	0.213404	6.7767	6.7767	0.345628	4.13085	4.13085
cg00605777	SEMA4C	0.144912	0.586715	1.25493	1.25493	0.943487	1.02976	1.02976	0.0710233	2.30335	2.30335	0.107286	2.06937	2.06937	0.412275	0.706942	-1.41454
cg03108330	ZNF57	0.144912	0.110465	0.71713	-1.39445	0.294294	0.812259	-1.23113	0.3259	1.21398	1.21398	0.0292459	0.611995	-1.634	0.0813874	0.691238	-1.44668
cg09160171	IQCE;IQCE	0.144915	0.979912	0.996011	-1.004	0.172978	0.794377	-1.25885	0.0284019	1.50782	1.50782	0.86853	0.974045	-1.02665	0.285582	1.19251	1.19251
cg25837738	PDIA4	0.144915	0.877406	1.03091	1.03091	0.425112	1.17426	1.17426	0.532486	1.13281	1.13281	0.78287	1.056	1.056	0.288401	0.804633	-1.2428
cg03986574	SF1;SF1;SF1;SF1	0.144916	0.368689	0.63975	-1.56311	0.256803	1.77286	1.77286	0.0400826	3.15104	3.15104	0.40177	1.51463	1.51463	0.115115	0.436563	-2.29062
cg27639030	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGC3;PCDHGB3;PCDH	0.144917	0.146436	0.659626	-1.51601	0.0147295	0.448764	-2.22834	0.0818307	0.597672	-1.67316	0.573843	0.859263	-1.16379	0.112433	0.630476	-1.5861
cg17080371	CCNI	0.144919	0.661583	0.788	-1.26904	0.118369	2.502	2.502	0.0602778	3.14613	3.14613	0.53517	1.40453	1.40453	0.204842	0.48498	-2.06194
cg04961911	FANCG	0.144919	0.064366	0.542505	-1.8433	0.0483728	0.514897	-1.94214	0.111867	0.600788	-1.66448	0.271579	0.714042	-1.40048	0.269709	0.713025	-1.40248
cg09809618	JAG2;JAG2	0.144919	0.622034	0.865595	-1.15528	0.0745941	0.561606	-1.78061	0.213188	0.683316	-1.46345	0.172383	1.52485	1.52485	0.0892012	0.580168	-1.72364
cg18740509	DDX41	0.144923	0.426429	0.805894	-1.24086	0.219917	0.709795	-1.40886	0.373615	0.784503	-1.27469	0.766524	1.08234	1.08234	0.342195	0.771002	-1.29701
cg11072627	RERE;RERE	0.144923	0.763308	1.12217	1.12217	0.17141	1.74321	1.74321	0.337987	1.45786	1.45786	0.347916	0.691539	-1.44605	0.174708	0.576406	-1.73489
cg06805557	APBB1;APBB1	0.144925	0.496582	0.825083	-1.212	0.28134	1.36597	1.36597	0.0427175	1.9151	1.9151	0.926255	0.974544	-1.02612	0.515764	0.832313	-1.20147
cg12200124	LTC4S	0.144926	0.0686924	0.332143	-3.01076	0.995993	0.997288	-1.00272	0.648585	0.780213	-1.2817	0.164817	0.448625	-2.22903	0.0521469	0.302742	-3.30314
cg06705834	DUSP6;DUSP6	0.144927	0.498965	0.929843	-1.07545	0.0169077	1.3618	1.3618	0.0257414	1.32404	1.32404	0.22894	1.14317	1.14317	0.789496	0.972041	-1.02876
cg26093711	VRK2;VRK2;VRK2;VRK2;VRK2;VRK	0.144927	0.100934	0.213587	-4.68193	0.0118623	0.0672591	-14.8679	0.0838154	0.193181	-5.17649	0.118886	0.233518	-4.28232	0.168772	0.283653	-3.52543
cg20963865	TBC1D14;TBC1D14;TBC1D14	0.144929	0.851895	1.04085	1.04085	0.688332	1.09021	1.09021	0.46294	1.17357	1.17357	0.951063	1.01323	1.01323	0.699093	1.08676	1.08676
cg09893016	CLCN4	0.144929	0.366822	1.56581	1.56581	0.96947	0.981659	-1.01868	0.863996	1.08646	1.08646	0.154126	0.47812	-2.09152	0.0295338	0.289547	-3.45367
cg05697274	GALNT2	0.144934	0.713796	0.944104	-1.05921	0.152249	1.27057	1.27057	0.656944	0.932583	-1.07229	0.190328	0.805282	-1.2418	0.0702237	0.729044	-1.37166
cg15832405	APBB2;APBB2;APBB2	0.144935	0.263483	0.808419	-1.23698	0.0459973	1.51775	1.51775	0.058974	1.47561	1.47561	0.0565078	0.674412	-1.48277	0.836514	1.03842	1.03842
cg10126459	C1orf21	0.144937	0.217095	0.783695	-1.27601	0.18958	0.770442	-1.29796	0.147635	1.33853	1.33853	0.0845917	1.43049	1.43049	0.718777	1.07022	1.07022
cg06854150	PTGFRN	0.144939	0.365911	0.773701	-1.29249	0.0143282	0.434316	-2.30247	0.503253	0.828928	-1.20638	0.144813	0.648865	-1.54115	0.0989359	0.606737	-1.64816
cg09121772	EBF3	0.14494	0.390331	1.31706	1.31706	0.0411869	2.08963	2.08963	0.463597	0.791824	-1.26291	0.638552	1.15955	1.15955	0.0351145	0.463931	-2.15549
cg04251911	STK32C	0.144942	0.100985	0.440972	-2.26772	0.425457	0.690044	-1.44918	0.998818	1.00068	1.00068	0.307499	0.617831	-1.61856	0.00415297	0.173523	-5.76294
cg19721787	IQCC;CCDC28B;IQCC	0.144944	0.055414	0.492388	-2.03092	0.307481	0.708423	-1.41159	0.827041	1.07402	1.07402	0.505918	0.802323	-1.24638	0.02802	0.428733	-2.33245
cg03747309	TRAP1	0.144944	0.270434	1.45005	1.45005	0.00810502	2.99783	2.99783	0.069998	1.92719	1.92719	0.326218	1.38854	1.38854	0.496077	1.25084	1.25084
cg07811386	CA5B	0.144945	0.0373423	0.266478	-3.75266	0.350866	0.591261	-1.6913	0.0941835	0.365287	-2.73757	0.842813	0.897037	-1.11478	0.233567	0.504839	-1.98083
cg04945735	PDLIM3;PDLIM3	0.144949	0.412063	0.739974	-1.3514	0.997185	1.00127	1.00127	0.0493577	0.446908	-2.23759	0.199238	1.62747	1.62747	0.146864	0.571763	-1.74898
cg27455606	SNORD115-6	0.144949	0.053392	0.194846	-5.13227	0.0347513	0.159704	-6.26157	0.526627	0.619905	-1.61315	0.482235	0.58722	-1.70294	0.0288818	0.146543	-6.82391
cg22637941	WISP1;WISP1	0.14495	0.185109	0.687048	-1.4555	0.0600251	1.76232	1.76232	0.772295	1.08058	1.08058	0.0746672	0.588417	-1.69948	0.134375	0.649766	-1.53902
cg24384212	EFCAB8	0.144951	0.195778	0.397137	-2.51802	0.296182	0.481349	-2.07749	0.144393	0.347029	-2.8816	0.34685	0.520031	-1.92296	0.0103579	0.113072	-8.84394
cg06129596	HTR2C;MIR448	0.144951	0.777131	0.854237	-1.17064	0.594692	1.34733	1.34733	0.0582529	0.304786	-3.28099	0.756801	0.841596	-1.18822	0.148297	0.422799	-2.36519
cg00199753	DTX1	0.144956	0.159885	0.522874	-1.91251	0.0103667	0.248059	-4.0313	0.0652868	0.409228	-2.44363	0.671954	0.832005	-1.20192	0.182785	0.543115	-1.84123
cg18085435	ATP8B1	0.144956	0.054921	0.32415	-3.08499	0.179642	0.478262	-2.0909	0.20744	0.502591	-1.98969	0.3832	0.629529	-1.58849	0.0212609	0.238611	-4.19093
cg03584879	FAM190B	0.144957	0.181626	0.679354	-1.47199	0.0200195	2.14957	2.14957	0.889369	1.03868	1.03868	0.835807	0.944985	-1.05822	0.0519538	0.547216	-1.82743
cg08210001	MCM7;AP4M1;MCM7	0.144958	0.706435	0.938313	-1.06574	0.120313	0.753106	-1.32783	0.510929	1.11874	1.11874	0.584754	1.09731	1.09731	0.428703	1.14563	1.14563
cg13197308	EGFL8	0.144959	0.235752	1.63927	1.63927	0.275038	0.636528	-1.57102	0.0535077	0.417986	-2.39242	0.362337	1.45125	1.45125	0.671904	1.18466	1.18466
cg07677930	CNTN5;CNTN5	0.144963	0.0435895	0.589808	-1.69547	0.212203	1.34851	1.34851	0.533909	1.15414	1.15414	0.304808	0.785211	-1.27354	0.341272	1.24999	1.24999
cg25433648	S100A14;S100A14	0.144964	0.181121	0.734541	-1.36139	0.474281	0.853746	-1.17131	0.264005	0.776473	-1.28787	0.725082	0.926147	-1.07974	0.417164	0.835126	-1.19742
cg17376813	C19orf21	0.144969	0.141771	0.428745	-2.33239	0.984079	0.98936	-1.01075	0.180023	0.466128	-2.14533	0.578652	0.740267	-1.35086	0.0148264	0.200484	-4.98792
cg08928646	UBA6;LOC550112	0.144969	0.639076	0.851856	-1.17391	0.780097	1.09966	1.09966	0.0961761	1.85915	1.85915	0.260524	0.671431	-1.48936	0.116721	1.78339	1.78339
cg02155528	NGRN;NGRN	0.144972	0.0397418	3.43645	3.43645	0.108056	2.46405	2.46405	0.0370098	3.51951	3.51951	0.23055	1.90206	1.90206	0.0716725	2.82423	2.82423
cg19714454	HDAC4	0.144975	0.0286704	0.680271	-1.47	0.937734	1.01173	1.01173	0.739475	1.05108	1.05108	0.600139	0.924086	-1.08215	0.846391	0.971465	-1.02937
cg15033181	TRIB2;TRIB2;TRIB2	0.144975	0.226996	0.728031	-1.37357	0.885359	0.964541	-1.03676	0.476936	1.19839	1.19839	0.461339	0.828889	-1.20643	0.22219	0.725384	-1.37858
cg07768761	GRK7	0.144979	0.0544751	0.305019	-3.27848	0.0663935	0.326138	-3.06618	0.0421553	0.279704	-3.5752	0.556507	0.723491	-1.38219	0.0701697	0.332312	-3.00922
cg22976366	RHBDL3	0.14498	0.0683986	0.467533	-2.13889	0.0669371	0.465195	-2.14964	0.41351	0.732334	-1.3655	0.272807	0.653567	-1.53006	0.0361772	0.403418	-2.47882
cg18815647	FAM123A;FAM123A	0.144984	0.550211	1.21426	1.21426	0.779739	1.09422	1.09422	0.0432323	2.11028	2.11028	0.009234	2.88991	2.88991	0.688321	1.13826	1.13826
cg12432846	BCL10	0.144986	0.368208	0.75283	-1.32832	0.0155492	2.488	2.488	0.35287	1.34132	1.34132	0.763832	1.09698	1.09698	0.561773	0.835097	-1.19747
cg07175433	KCNIP4	0.144988	0.0118698	0.234596	-4.26264	0.287908	0.600889	-1.6642	0.721866	1.1794	1.1794	0.66567	0.818167	-1.22224	0.0782074	0.405242	-2.46766
cg21490662	CASP3;CCDC111;CASP3	0.14499	0.111925	0.45487	-2.19843	0.982565	0.990105	-1.00999	0.583928	1.28619	1.28619	0.481241	0.72196	-1.38512	0.0327584	0.320865	-3.11657
cg21337881	C17orf87	0.14499	0.472437	0.848685	-1.17829	0.497484	1.16723	1.16723	0.020042	0.532627	-1.87749	0.0322746	0.569585	-1.75566	0.863784	0.962185	-1.0393
cg13623290	CDYL;CDYL	0.144991	0.556391	1.21357	1.21357	0.232886	0.665643	-1.50231	0.00867038	0.336694	-2.97005	0.739502	1.11469	1.11469	0.344313	0.728375	-1.37292
cg02029242	SNORD116-7;SNORD116-5	0.144993	0.471715	0.735537	-1.35955	0.0855401	0.45049	-2.2198	0.100456	2.12761	2.12761	0.948686	1.02737	1.02737	0.181051	0.551117	-1.8145
cg11116142	CRBN	0.144994	0.996501	1.00089	1.00089	0.0506554	1.56757	1.56757	0.373616	1.20245	1.20245	0.907517	0.976815	-1.02374	0.32283	1.22892	1.22892
cg09655403	CMYA5	0.144996	0.030796	58.1596	58.1596	0.250243	6.85305	6.85305	0.902834	0.822303	-1.2161	0.476813	3.18616	3.18616	0.0499782	35.9035	35.9035
cg09972762	CPT1A;CPT1A	0.144999	0.892274	0.948884	-1.05387	0.0219534	2.89884	2.89884	0.282544	1.54095	1.54095	0.486267	1.31514	1.31514	0.0539913	0.428696	-2.33265
cg13165846	RBMS1;RBMS1	0.145001	0.640848	1.15068	1.15068	0.0479771	0.508976	-1.96473	0.354766	0.752471	-1.32896	0.0624242	0.534458	-1.87105	0.0238617	0.446895	-2.23766
cg16899498	MAFA	0.145003	0.494166	0.711993	-1.40451	0.261881	1.77251	1.77251	0.0770035	2.61707	2.61707	0.689013	0.821339	-1.21752	0.0650602	0.362958	-2.75514
cg11747466	DLGAP2	0.145005	0.451662	1.218	1.218	0.124491	1.5338	1.5338	0.544962	1.17065	1.17065	0.368506	1.26813	1.26813	0.795588	1.06905	1.06905
cg09005159	CLIP2;CLIP2	0.145007	0.837418	1.08919	1.08919	0.0416881	2.65473	2.65473	0.882248	1.06357	1.06357	0.0576525	2.44151	2.44151	0.210832	0.577969	-1.7302
cg02067535	LRRC33	0.145008	0.0636343	0.357339	-2.79846	0.425628	0.669321	-1.49405	0.997306	0.998335	-1.00167	0.365904	0.632266	-1.58161	0.0490572	0.329941	-3.03085
cg13710297	ERC2	0.145009	0.0430428	0.285785	-3.49913	0.142775	0.428504	-2.3337	0.0582033	0.316099	-3.16356	0.717001	0.822144	-1.21633	0.0393094	0.277248	-3.60688
cg14148370	ARMC9	0.14501	0.289002	0.800099	-1.24985	0.672082	1.0901	1.0901	0.551296	0.885023	-1.12991	0.244422	0.781342	-1.27985	0.20399	1.31211	1.31211
cg13863769	ZCCHC2	0.145012	0.388923	0.800372	-1.24942	0.365525	0.790988	-1.26424	0.265946	0.746516	-1.33956	0.274889	0.750892	-1.33175	0.748629	0.922118	-1.08446
cg08106565	ZNF835	0.145012	0.936536	0.966541	-1.03462	0.0688292	2.38746	2.38746	0.578413	1.27111	1.27111	0.622982	0.80916	-1.23585	0.0370146	0.355238	-2.81501
cg06295409	ATP2C2	0.145013	0.0086083	2.38879	2.38879	0.796572	0.935064	-1.06945	0.438234	0.814239	-1.22814	0.142957	1.50558	1.50558	0.266158	0.739982	-1.35138
cg27585405	RAB11FIP3	0.145015	0.699168	1.0751	1.0751	0.890103	0.974547	-1.02612	0.592538	0.904166	-1.10599	0.00447558	0.493172	-2.02769	0.685614	0.926912	-1.07885
cg02324529	KIAA1211	0.145017	0.0917034	0.243985	-4.09861	0.0834758	4.28644	4.28644	0.243691	2.52605	2.52605	0.855615	0.870775	-1.1484	0.0198261	0.118021	-8.47305
cg04374813	DCTN6	0.145017	0.0231842	0.40041	-2.49744	0.438088	0.765889	-1.30567	0.617505	0.843853	-1.18504	0.480621	0.785243	-1.27349	0.0570905	0.483883	-2.06662
cg05813194	ZNF204P	0.145019	0.0205013	0.39795	-2.51288	0.22686	1.5201	1.5201	0.456111	1.2847	1.2847	0.185644	0.629252	-1.58919	0.286283	1.44122	1.44122
cg05164321	MAGOHB;MAGOHB	0.145019	0.20021	0.845206	-1.18314	0.892096	0.983273	-1.01701	0.682463	1.05245	1.05245	0.95641	1.00682	1.00682	0.827756	1.02745	1.02745
cg00698067	REPS1;REPS1	0.14502	0.529245	0.85729	-1.16647	0.00977461	0.454187	-2.20173	0.114694	0.66072	-1.5135	0.858548	0.957819	-1.04404	0.943151	0.982919	-1.01738
cg05697751	DUSP16	0.14502	0.355865	0.773104	-1.29349	0.0328234	0.508376	-1.96705	0.187083	0.684606	-1.4607	0.501863	0.831359	-1.20285	0.141515	1.53478	1.53478
cg16766966	POR	0.145024	0.0654197	0.317024	-3.15434	0.427762	0.637781	-1.56794	0.0246568	0.226216	-4.42055	0.88738	0.924303	-1.0819	0.0258448	0.229955	-4.34867
cg13210512	SPATA2;SPATA2	0.145028	0.368191	0.877676	-1.13937	0.870066	0.977155	-1.02338	0.380015	0.880627	-1.13556	0.469297	0.901291	-1.10952	0.0156049	0.658003	-1.51975
cg16723445	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.14503	0.155321	0.393945	-2.53843	0.172915	0.411259	-2.43156	0.477825	1.55599	1.55599	0.745319	1.221	1.221	0.344197	0.550511	-1.81649
cg21513836	FGF14	0.14503	0.726631	0.945735	-1.05738	0.902451	1.01968	1.01968	0.00620841	1.76323	1.76323	0.724247	1.05792	1.05792	0.491741	1.1174	1.1174
cg12036741	PIGM;PIGM	0.145031	0.216649	1.22641	1.22641	0.223547	1.22233	1.22233	0.201237	1.23601	1.23601	0.121125	0.768081	-1.30195	0.971086	0.994326	-1.00571
cg15483758	PIP5K1C	0.145032	0.0225284	3.16819	3.16819	0.290822	1.58828	1.58828	0.986808	1.007	1.007	0.8226	1.09941	1.09941	0.249173	1.66253	1.66253
cg10488199	MIR133B	0.145032	0.532605	0.838685	-1.19234	0.11283	0.618555	-1.61667	0.00407732	0.342008	-2.92391	0.483496	0.820208	-1.2192	0.256588	0.719228	-1.39038
cg02508229	FAM46B	0.145033	0.0780052	0.350162	-2.85582	0.517781	0.703723	-1.42101	0.584398	0.7438	-1.34445	0.683771	0.802963	-1.24539	0.0432843	0.28775	-3.47524
cg01663603	KCNB1	0.145035	0.0543456	46.833	46.833	0.217888	9.81239	9.81239	0.2066	10.4527	10.4527	0.111142	21.2766	21.2766	0.163725	13.714	13.714
cg21898799	RPL18;SPHK2	0.145035	0.017084	0.157361	-6.3548	0.387499	0.578174	-1.72958	0.204464	0.435173	-2.29794	0.0525267	0.250038	-3.9994	0.958518	1.03257	1.03257
cg05844852	PPP2R5E	0.145041	0.748556	1.3335	1.3335	0.714994	1.38853	1.38853	0.2546	2.91851	2.91851	?	?	?	?	?	?
cg01029867	ZNF251	0.145043	0.119399	0.75982	-1.3161	0.114409	0.756471	-1.32193	0.0198472	0.633124	-1.57947	0.631236	0.924405	-1.08178	0.0814151	1.36882	1.36882
cg07156824	RAB35;RAB35	0.145047	0.637026	0.900757	-1.11018	0.0710698	1.55801	1.55801	0.0891524	1.51018	1.51018	0.726994	1.08012	1.08012	0.434837	0.839273	-1.19151
cg14971781	ACBD3	0.145048	0.61011	0.921796	-1.08484	0.0334273	1.48221	1.48221	0.59881	0.919372	-1.0877	0.162474	0.789682	-1.26633	0.697416	1.06382	1.06382
cg14062152	TMEM26	0.145048	0.563556	0.89996	-1.11116	0.0535881	0.673216	-1.48541	0.0128013	0.572272	-1.74742	0.540874	0.894272	-1.11823	0.702399	1.07176	1.07176
cg15961007	MYCT1	0.145051	?	?	?	0.706537	0.863712	-1.15779	0.221707	0.608032	-1.64465	0.0380886	0.394064	-2.53766	0.0438194	0.407585	-2.45347
cg02018076	SALL1;SALL1	0.145053	0.0635047	0.620736	-1.61099	0.164933	0.712798	-1.40292	0.631875	0.895553	-1.11663	0.743311	1.07799	1.07799	0.0204353	0.528093	-1.89361
cg03239335	TTC15	0.145054	0.584513	1.27646	1.27646	0.0163952	3.65732	3.65732	0.0360542	2.93826	2.93826	0.420419	1.43889	1.43889	0.250295	1.70073	1.70073
cg19273883	GPR1;GPR1	0.145055	0.623355	0.912873	-1.09544	0.078348	0.697577	-1.43353	0.010752	0.5542	-1.8044	0.152599	0.754157	-1.32598	0.0843528	0.70354	-1.42138
cg04559128	EFHD1	0.14506	0.538473	1.07201	1.07201	0.973235	1.00375	1.00375	0.712465	1.04219	1.04219	0.323965	1.12044	1.12044	0.764264	1.03415	1.03415
cg25002649	CUL7;CUL7;MRPL2	0.145061	0.116057	0.183333	-5.45457	0.533395	1.87115	1.87115	0.457323	2.12082	2.12082	0.545988	0.545027	-1.83477	0.0672314	0.130399	-7.66876
cg17950435	EFCAB4A	0.145066	0.0763099	8.97933	8.97933	0.286242	0.291521	-3.43028	0.0778876	8.85245	8.85245	0.291015	0.295353	-3.38578	0.446091	2.37373	2.37373
cg07686392	LOC100130872;LOC100130872-SPON2	0.145075	0.0395237	0.392678	-2.54662	0.713587	0.865262	-1.15572	0.244675	0.620161	-1.61248	0.976679	1.01154	1.01154	0.0105181	0.282578	-3.53884
cg21545902	KL	0.145077	0.83902	1.20695	1.20695	0.0411712	8.83177	8.83177	0.0769366	6.16459	6.16459	0.16221	3.97463	3.97463	0.655208	0.659937	-1.5153
cg26334671	FNDC3B;FNDC3B	0.14508	0.143595	0.600011	-1.66664	0.0976232	0.553899	-1.80538	0.879297	0.951805	-1.05064	0.576347	1.20139	1.20139	0.00599835	0.311213	-3.21323
cg00741695	LOC285768;LOC285768	0.145081	0.326881	0.420438	-2.37847	0.00533127	0.0431746	-23.1618	0.0911897	0.203392	-4.91661	0.806806	0.810793	-1.23336	0.135518	0.252275	-3.96393
cg17557704	CDK12;CDK12;CDK12;CDK12	0.145086	0.527657	0.925441	-1.08057	0.340677	1.12625	1.12625	0.156493	1.20145	1.20145	0.0593893	0.772834	-1.29394	0.786902	1.03335	1.03335
cg14169740	QSOX2	0.145086	0.306591	0.693352	-1.44227	0.231094	0.647512	-1.54437	0.10587	0.542751	-1.84246	0.273371	0.674094	-1.48347	0.0467148	0.454803	-2.19875
cg13093774	PHYHIP;PHYHIP;PHYHIP;PHYHIP	0.145087	0.511779	1.21747	1.21747	0.034254	2.07602	2.07602	0.628512	1.15508	1.15508	0.43493	1.26564	1.26564	0.71046	0.89559	-1.11658
cg25581822	ADAMTS9	0.145093	0.0237513	0.275031	-3.63595	0.932942	1.04107	1.04107	0.676524	1.22222	1.22222	0.567574	1.31829	1.31829	0.0641354	0.369735	-2.70464
cg05855347	KLHDC10	0.145095	0.742576	0.93027	-1.07496	0.0882084	0.661941	-1.51071	0.0459758	0.605569	-1.65134	0.360203	1.22912	1.22912	0.509886	0.863636	-1.15789
cg06886059	DDX10	0.145096	0.226705	0.801665	-1.2474	0.255198	1.22985	1.22985	0.146615	0.762342	-1.31175	0.0843427	0.717088	-1.39453	0.908851	0.98025	-1.02015
cg13164157	PROM1;PROM1	0.145098	0.15091	0.793605	-1.26007	0.339313	0.862514	-1.1594	0.575972	1.08856	1.08856	0.0603982	1.37442	1.37442	0.619291	1.07812	1.07812
cg21923959	POU2AF1	0.145098	0.661408	0.900621	-1.11034	0.124367	1.48464	1.48464	0.021542	0.519121	-1.92633	0.344356	0.793478	-1.26027	0.519268	1.16785	1.16785
cg19600125	MYO10	0.145099	0.114754	1.72042	1.72042	0.507777	1.23683	1.23683	0.875068	1.05103	1.05103	0.122334	1.69839	1.69839	0.0943381	0.55891	-1.7892
cg09860653	NBL1;NBL1	0.145102	0.410266	0.804749	-1.24262	0.409075	0.804284	-1.24334	0.742673	0.918522	-1.08871	0.604857	1.14414	1.14414	0.00365591	0.362761	-2.75664
cg13527910	FKBP14	0.145102	0.0358858	1.44561	1.44561	0.820326	1.03494	1.03494	0.858619	1.02728	1.02728	0.111929	0.77003	-1.29865	0.0438817	0.70493	-1.41858
cg08227290	JDP2;JDP2;JDP2;JDP2	0.145104	0.437418	0.772309	-1.29482	0.00728076	0.323371	-3.09243	0.491235	1.25613	1.25613	0.237744	1.49688	1.49688	0.456931	0.781064	-1.28031
cg25541621	FMO6P	0.145106	0.450586	0.646277	-1.54732	0.019268	4.99068	4.99068	0.0872971	2.92125	2.92125	0.251474	0.50644	-1.97457	0.344701	0.575404	-1.73791
cg12979992	INSIG1;INSIG1;INSIG1	0.145108	0.825488	0.964659	-1.03664	0.974676	0.994841	-1.00519	0.841438	0.96789	-1.03317	0.124043	0.762329	-1.31177	0.0372466	0.674372	-1.48286
cg19411441	CEP68;CEP68	0.145108	0.712903	0.747031	-1.33863	0.792246	0.811951	-1.2316	0.687485	1.37592	1.37592	0.00762874	0.0667362	-14.9844	0.0856831	0.223356	-4.47716
cg26381457	USP44;USP44	0.145118	0.0702573	0.619806	-1.61341	0.0305537	0.548401	-1.82348	0.991944	1.00239	1.00239	0.657197	1.11136	1.11136	0.167683	0.706366	-1.4157
cg12216749	TCHP;TCHP	0.14512	0.33206	0.839058	-1.19181	0.163732	1.29772	1.29772	0.163138	1.29826	1.29826	0.460833	1.14072	1.14072	0.850398	1.03366	1.03366
cg10639613	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.14512	0.331404	0.848548	-1.17848	0.471969	1.12738	1.12738	0.104472	0.747638	-1.33755	0.989922	0.997932	-1.00207	0.996046	0.999188	-1.00081
cg07269491	LZTS1	0.14512	0.566112	0.873588	-1.1447	0.465786	1.1888	1.1888	0.862501	1.04122	1.04122	0.76104	0.931396	-1.07366	0.29606	1.28719	1.28719
cg19472303	TOP2B	0.145121	0.380536	0.842054	-1.18757	0.0561037	0.657025	-1.52201	0.247519	0.793137	-1.26082	0.60234	0.904642	-1.10541	0.0388361	0.627469	-1.5937
cg22957352	SETD1B;LOC338799	0.145122	0.045145	0.707763	-1.4129	0.478614	1.11441	1.11441	0.57161	1.08977	1.08977	0.118841	0.775243	-1.28992	0.194725	1.22909	1.22909
cg06734250	NOL4	0.145125	0.809249	1.03338	1.03338	0.265913	0.854362	-1.17046	0.567949	0.924622	-1.08152	0.0872028	1.29228	1.29228	0.158674	1.22699	1.22699
cg19074496	TUBA4B;TUBA4A	0.145125	0.32028	2.9951	2.9951	0.0646755	9.17597	9.17597	0.0877463	7.48619	7.48619	0.131196	5.70154	5.70154	0.578813	1.82025	1.82025
cg19411214	LOC100133991	0.145126	0.503915	0.561991	-1.77939	0.276258	2.61761	2.61761	0.487071	1.82204	1.82204	0.139517	0.258968	-3.86148	0.629561	0.661691	-1.51128
cg08008299	VPS72	0.145129	0.194497	0.809565	-1.23523	0.738553	1.05291	1.05291	0.284464	0.842701	-1.18666	0.990079	0.998088	-1.00192	0.0113608	0.613972	-1.62874
cg01252455	CPLX2	0.145137	0.0693033	0.403182	-2.48027	0.849438	1.08867	1.08867	0.877107	1.07162	1.07162	0.20577	0.550649	-1.81604	0.0782896	0.417131	-2.39733
cg22259630	RAB3A	0.145138	0.0496161	0.521905	-1.91606	0.768291	1.08956	1.08956	0.292408	1.37317	1.37317	0.139889	0.630567	-1.58587	0.134836	0.626245	-1.59682
cg20156953	ADAM17	0.145138	0.426999	0.775528	-1.28944	0.0968478	0.56482	-1.77048	0.100609	0.569089	-1.75719	0.944099	1.02222	1.02222	0.0284524	0.444633	-2.24905
cg03771840	TRIM15	0.145139	0.196257	5.30438	5.30438	0.0353102	19.9463	19.9463	0.347908	3.25462	3.25462	0.898934	0.856284	-1.16784	0.75853	0.686255	-1.45718
cg04856896	CCDC28B	0.145139	0.0843695	0.355835	-2.81029	0.0804248	2.85626	2.85626	0.202617	2.07095	2.07095	0.789169	1.15609	1.15609	0.0699791	0.33403	-2.99375
cg11812748	CNST;CNST	0.145139	0.12264	0.433061	-2.30915	0.166507	0.47807	-2.09174	0.275869	0.567185	-1.76309	0.447971	1.47239	1.47239	0.0850978	0.385799	-2.59203

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01080592	0.233358	0.823526	-1.21429	0.103277	0.758133	-1.31903	0.580286	0.916871	-1.09067	0.724746	0.946547	-1.05647	2.16693	0.828646	0.339916	1
cg21181453	0.384755	2.50472	2.50472	0.413838	2.36484	2.36484	0.0436801	10.906	10.906	0.10864	6.06792	6.06792	2.16692	36.4328	14.945	1
cg05323533	0.759632	1.3295	1.3295	0.576512	0.592373	-1.68813	0.00693985	25.583	25.583	0.261709	2.9629	2.9629	2.1669	29.557	12.1247	1
cg07353685	0.388885	0.722417	-1.38424	0.474595	0.765097	-1.30702	0.974478	1.01185	1.01185	0.197792	0.605777	-1.65077	2.16686	4.65303	1.90877	1
cg14762856	0.212879	0.767265	-1.30333	0.0727199	0.667446	-1.49825	0.590351	1.11599	1.11599	0.0541124	1.55493	1.55493	2.16684	1.39943	0.57408	1
cg04029738	0.459035	0.807825	-1.23789	0.26147	1.39302	1.39302	0.246394	1.40935	1.40935	0.247319	0.710068	-1.40832	2.16683	2.74968	1.12799	1
cg23820746	0.945235	0.985116	-1.01511	0.149066	1.40179	1.40179	0.882356	0.968193	-1.03285	0.24215	0.765508	-1.30632	2.16683	1.63517	0.67079	1
cg07150062	0.0563472	23.4696	23.4696	0.614713	2.09849	2.09849	0.0462705	28.0611	28.0611	0.138086	10.2974	10.2974	2.1668	73.1912	30.0253	1
cg00605777	0.414157	1.41248	1.41248	0.573854	0.790504	-1.26502	0.0137589	3.52529	3.52529	0.208861	1.72989	1.72989	2.16678	5.8734	2.40947	1
cg03108330	0.761599	0.943493	-1.05989	0.223338	0.783035	-1.27708	0.720347	1.07113	1.07113	0.268726	1.24633	1.24633	2.16678	1.25402	0.514442	1
cg09160171	0.622577	1.08194	1.08194	0.0247316	1.5287	1.5287	0.583204	0.915792	-1.09195	0.688147	1.06614	1.06614	2.16676	0.864747	0.354752	1
cg25837738	0.987585	0.996936	-1.00307	0.00495763	0.480097	-2.08291	0.463712	1.15847	1.15847	0.891166	0.97336	-1.02737	2.16676	1.33486	0.547611	1
cg03986574	0.377559	0.645304	-1.54966	0.121989	0.444439	-2.25003	0.539758	1.35031	1.35031	0.332958	0.616824	-1.62121	2.16675	8.03197	3.29503	1
cg27639030	0.372273	0.783091	-1.27699	0.0519403	0.554175	-1.80448	0.170871	0.677584	-1.47583	0.950879	1.01658	1.01658	2.16675	2.44492	1.00301	1
cg17080371	0.853795	0.905033	-1.10493	0.0452366	0.288629	-3.46466	0.245369	1.92949	1.92949	0.721161	1.21392	1.21392	2.16674	10.0407	4.11914	1
cg04961911	0.343101	0.750191	-1.33299	0.0207791	0.440847	-2.26836	0.0597855	0.535224	-1.86838	0.684115	0.886587	-1.12792	2.16674	2.9719	1.2192	1
cg09809618	0.03593	0.492196	-2.03171	0.888113	1.04174	1.04174	0.377218	1.30109	1.30109	0.816967	0.934873	-1.06966	2.16673	2.89554	1.18788	1
cg18740509	0.958042	0.986116	-1.01408	0.0505101	0.553072	-1.80808	0.0225438	2.06671	2.06671	0.382213	0.788088	-1.26889	2.16671	2.42328	0.994146	1
cg11072627	0.946386	1.026	1.026	0.314414	0.672303	-1.48743	0.0151772	3.1216	3.1216	0.35587	1.43684	1.43684	2.1667	4.99828	2.05054	1
cg06805557	0.980302	1.0069	1.0069	0.0294787	0.489637	-2.04233	0.137557	0.640544	-1.56117	0.971121	0.989967	-1.01013	2.16669	2.66227	1.0922	1
cg12200124	0.478792	0.677406	-1.47622	0.0161879	0.203691	-4.90939	0.0840647	0.355597	-2.81217	0.211834	0.490939	-2.03691	2.16668	10.0406	4.11917	1
cg06705834	0.672957	1.04602	1.04602	0.494408	0.929101	-1.07631	0.973682	0.99651	-1.0035	0.805236	1.02653	1.02653	2.16668	0.385414	0.158117	1
cg26093711	0.137946	0.253437	-3.94575	0.254563	0.359782	-2.77946	0.122741	0.237639	-4.20807	0.19108	0.304367	-3.2855	2.16668	25.3383	10.3952	1
cg20963865	0.487484	1.16312	1.16312	0.00241763	2.47169	2.47169	0.710287	1.08321	1.08321	0.521525	1.14932	1.14932	2.16667	1.57457	0.645976	1
cg09893016	0.151567	2.10256	2.10256	0.867572	1.08406	1.08406	0.0521121	0.343486	-2.91133	0.535079	0.737994	-1.35503	2.16666	8.02757	3.29337	1
cg05697274	0.147	1.27509	1.27509	0.0506504	1.41587	1.41587	0.55262	1.09835	1.09835	0.7152	0.944385	-1.05889	2.16663	0.836648	0.343247	1
cg15832405	0.916233	0.980988	-1.01938	0.817504	1.04307	1.04307	0.449636	0.868875	-1.15091	0.9365	0.985568	-1.01464	2.16662	1.1422	0.468606	1
cg10126459	0.467284	0.870383	-1.14892	0.277887	1.23587	1.23587	0.0755847	0.689884	-1.44952	0.315518	0.823016	-1.21504	2.16661	1.20871	0.495893	1
cg06854150	0.0326307	0.501283	-1.99488	0.20093	0.68862	-1.45218	0.770663	1.08408	1.08408	0.41845	0.795843	-1.25653	2.16659	2.61758	1.07392	1
cg09121772	0.364282	1.33869	1.33869	0.838479	0.938136	-1.06594	0.115824	1.70711	1.70711	0.714972	1.1216	1.1216	2.16659	3.35916	1.37817	1
cg04251911	0.232863	0.565381	-1.76872	0.84221	0.913149	-1.09511	0.394857	0.67217	-1.48772	0.706977	0.841854	-1.18785	2.16658	7.1303	2.92537	1
cg19721787	0.0412972	0.463907	-2.15561	0.316396	1.40213	1.40213	0.382591	0.746632	-1.33935	0.993428	1.00269	1.00269	2.16656	3.65362	1.499	1
cg03747309	0.800134	0.92113	-1.08562	0.350654	0.732647	-1.36491	0.669718	1.14907	1.14907	0.386544	1.33302	1.33302	2.16656	3.59854	1.4764	1
cg07811386	0.384171	0.613642	-1.62962	0.479824	0.674952	-1.48159	0.126883	2.46851	2.46851	0.0485057	0.29126	-3.43335	2.16655	10.2777	4.21673	1
cg04945735	0.204624	0.618407	-1.61706	0.0779508	0.494951	-2.0204	0.152184	1.73454	1.73454	0.798144	0.912087	-1.09639	2.16652	4.42372	1.81498	1
cg27455606	0.468849	0.577346	-1.73206	0.52413	1.61795	1.61795	0.612255	0.683194	-1.46371	0.0827455	0.238802	-4.18756	2.16652	19.0629	7.8212	1
cg22637941	0.604784	1.14963	1.14963	0.491629	1.20509	1.20509	0.115623	0.6333	-1.57903	0.493025	0.830325	-1.20435	2.16652	2.44763	1.00423	1
cg24384212	0.320037	0.499783	-2.00087	0.0370212	0.195013	-5.12788	0.120444	0.320799	-3.11722	0.190002	0.391825	-2.55216	2.16651	15.6338	6.41432	1
cg06129596	0.137503	0.411493	-2.43017	0.0222216	0.218351	-4.57977	0.569177	1.37631	1.37631	0.0883447	0.352083	-2.84024	2.16651	10.5753	4.3389	1
cg00199753	0.414661	0.697651	-1.43338	0.182896	0.54321	-1.84091	0.77619	0.884203	-1.13096	0.452479	1.39164	1.39164	2.16647	6.39707	2.62467	1
cg18085435	0.151913	0.451844	-2.21316	0.0319236	0.272237	-3.67327	0.849792	0.90654	-1.1031	0.172731	0.471904	-2.11908	2.16647	9.19012	3.77065	1
cg03584879	0.78675	0.928733	-1.07674	0.793575	1.07412	1.07412	0.242003	1.39639	1.39639	0.936889	0.97864	-1.02183	2.16647	2.55077	1.04657	1
cg08210001	0.135978	0.763108	-1.31043	0.0107815	0.58333	-1.7143	0.65588	1.07839	1.07839	0.843975	1.03371	1.03371	2.16646	0.971577	0.398634	1
cg13197308	0.663866	0.840354	-1.18997	0.102563	0.491363	-2.03515	0.0855336	2.12978	2.12978	0.385605	1.42449	1.42449	2.16645	5.42899	2.2275	1
cg07677930	0.207624	0.739082	-1.35303	0.0810564	1.55291	1.55291	0.565587	1.14129	1.14129	0.28561	1.28705	1.28705	2.16643	1.77649	0.728897	1
cg25433648	0.318023	1.2514	1.2514	0.0105197	2.01272	2.01272	0.992806	0.998043	-1.00196	0.539434	0.873713	-1.14454	2.16641	1.62002	0.664701	1
cg17376813	0.0700674	0.337656	-2.96159	0.174977	0.461464	-2.16702	0.080051	0.353051	-2.83245	0.0977967	0.377663	-2.64786	2.16638	9.86067	4.04593	1
cg08928646	0.811228	1.08461	1.08461	0.0216155	0.392087	-2.55046	0.464493	1.2875	1.2875	0.560907	0.819075	-1.22089	2.16638	3.95311	1.622	1
cg02155528	0.863431	1.0913	1.0913	0.0894949	2.62361	2.62361	?	?	?	0.786861	1.14748	1.14748	2.2967	8.14931	3.10473	1
cg19714454	0.518212	0.906856	-1.10271	0.183907	1.23419	1.23419	0.0172648	0.648596	-1.54179	0.948731	0.990448	-1.00964	2.16634	0.764407	0.31365	1
cg15033181	0.904822	1.03039	1.03039	0.357644	1.2671	1.2671	0.0172589	2.06662	2.06662	0.0968263	1.57795	1.57795	2.16634	2.14864	0.881627	1
cg07768761	0.141696	0.423201	-2.36294	0.0498306	0.29597	-3.37872	0.162672	0.444365	-2.2504	0.208123	0.485662	-2.05905	2.16631	10.1614	4.16944	1
cg22976366	0.149305	0.562035	-1.77925	0.497061	0.77342	-1.29296	0.0278288	0.379554	-2.63467	0.801606	1.09836	1.09836	2.1663	4.76414	1.95485	1
cg18815647	0.1831	1.57409	1.57409	0.783221	0.915236	-1.09261	0.447928	0.780054	-1.28196	0.659879	1.15284	1.15284	2.16627	3.5388	1.45208	1
cg12432846	0.969558	0.988346	-1.01179	0.128381	0.603584	-1.65677	0.259958	1.4347	1.4347	0.169572	1.56748	1.56748	2.16626	3.23737	1.3284	1
cg07175433	0.492525	0.724866	-1.37956	0.194766	0.530909	-1.88356	0.358083	1.54695	1.54695	0.143599	0.484105	-2.06567	2.16625	7.31145	3.00015	1
cg21490662	0.289929	0.606626	-1.64846	0.0313577	0.316912	-3.15545	0.0617741	0.383917	-2.60473	0.216184	0.553066	-1.8081	2.16623	7.1049	2.91542	1
cg21337881	0.684069	0.912249	-1.09619	0.576393	1.13508	1.13508	0.388221	1.21961	1.21961	0.188834	0.731595	-1.36688	2.16623	1.72903	0.70949	1
cg13623290	0.74306	0.898502	-1.11296	0.259082	1.46681	1.46681	0.905798	0.962214	-1.03927	0.143328	0.599475	-1.66813	2.16623	3.63194	1.49033	1
cg02029242	0.67046	0.835614	-1.19673	0.209405	0.574021	-1.7421	0.218361	1.72155	1.72155	0.0544596	0.400315	-2.49803	2.16621	6.0395	2.47826	1
cg11116142	0.39474	0.838661	-1.19238	0.0303544	0.598212	-1.67165	0.298132	1.24322	1.24322	0.21048	1.3052	1.3052	2.1662	1.39787	0.573609	1
cg09655403	0.717452	0.5587	-1.78987	0.248356	6.91072	6.91072	0.474299	3.20804	3.20804	0.0220171	81.4559	81.4559	2.16619	88.0387	36.1264	1
cg09972762	0.72709	1.14531	1.14531	0.913601	0.958845	-1.04292	0.171104	1.75822	1.75822	0.424502	0.729184	-1.3714	2.16617	5.14415	2.11091	1
cg13165846	0.619403	1.16135	1.16135	0.661017	0.876498	-1.1409	0.794055	1.08129	1.08129	0.156323	0.635716	-1.57303	2.16616	3.06167	1.25636	1
cg16899498	0.772155	0.867579	-1.15263	0.790784	0.878019	-1.13893	0.0414141	3.1606	3.1606	0.319351	1.65448	1.65448	2.16614	8.2121	3.36988	1
cg11747466	0.0988428	1.59266	1.59266	0.0083084	2.38135	2.38135	0.0662321	1.69871	1.69871	0.156433	1.47678	1.47678	2.16613	2.26902	0.931112	1
cg09005159	0.396538	0.696967	-1.43479	0.301643	0.640827	-1.56048	0.108854	2.06917	2.06917	0.478918	1.34894	1.34894	2.16611	5.93195	2.43425	1
cg02067535	0.0763606	0.377951	-2.64584	0.0379471	0.304963	-3.27908	0.125026	0.440668	-2.26928	0.0643291	0.358533	-2.78914	2.1661	8.3551	3.42862	1
cg13710297	0.0975451	0.376027	-2.65938	0.134652	0.419888	-2.38159	0.128721	0.413407	-2.41892	0.102873	0.38288	-2.61179	2.1661	9.9297	4.07479	1
cg14148370	0.00995202	0.517056	-1.93403	0.511315	0.873731	-1.14452	0.123621	0.71325	-1.40203	0.867899	1.03431	1.03431	2.16609	1.40849	0.577996	1
cg13863769	0.853915	1.04758	1.04758	0.0102021	2.26342	2.26342	0.246745	0.736785	-1.35725	0.444873	0.821671	-1.21703	2.16608	2.18189	0.895376	1
cg08106565	0.30616	0.635867	-1.57266	0.0412312	0.365566	-2.73548	0.860751	0.927712	-1.07792	0.539892	0.767052	-1.30369	2.16608	6.26497	2.57094	1
cg06295409	0.912132	1.0291	1.0291	0.21294	1.40624	1.40624	0.614932	1.14091	1.14091	0.908509	1.03033	1.03033	2.16607	2.3173	0.950949	1
cg27585405	0.236358	0.793428	-1.26035	0.407974	0.853985	-1.17098	0.18134	0.767491	-1.30295	0.58844	1.10725	1.10725	2.16605	1.19308	0.489608	1
cg02324529	0.988122	0.988755	-1.01137	0.813749	1.19637	1.19637	0.980986	1.01827	1.01827	0.956406	0.959322	-1.0424	2.16605	19.7982	8.12465	1
cg04374813	0.259075	0.672305	-1.48742	0.0346155	0.435726	-2.29502	0.0454226	0.461262	-2.16796	0.559786	0.819671	-1.22	2.16604	3.90088	1.60082	1
cg05813194	?	?	?	0.304082	0.703768	-1.42092	0.633376	1.17187	1.17187	0.585921	1.19908	1.19908	2.18392	3.34932	1.53363	1
cg05164321	0.14746	1.2131	1.2131	0.036878	0.739866	-1.3516	0.0551398	1.31027	1.31027	0.233149	1.16809	1.16809	2.16603	0.529895	0.217457	1
cg00698067	0.354115	0.794289	-1.25899	0.159451	1.43793	1.43793	0.228302	0.736778	-1.35726	0.405108	0.814015	-1.22848	2.16602	2.00201	0.821582	1
cg05697751	0.306354	0.750533	-1.33239	0.793412	1.07371	1.07371	0.438613	1.23871	1.23871	0.117296	1.58564	1.58564	2.16602	2.51889	1.0337	1
cg16766966	0.35258	0.587796	-1.70127	0.794322	0.864908	-1.15619	0.0965645	0.362967	-2.75507	0.155941	0.430313	-2.32389	2.16599	10.5856	4.34417	1
cg13210512	0.654531	0.938398	-1.06565	0.589348	0.925956	-1.07996	0.522652	1.09577	1.09577	0.0447073	1.38447	1.38447	2.16597	0.68359	0.280538	1
cg16723445	0.0142317	0.156845	-6.37571	0.425146	1.64698	1.64698	0.45633	1.59164	1.59164	0.390343	1.71468	1.71468	2.16595	12.8744	5.28354	1
cg21513836	0.257905	1.20642	1.20642	0.483694	0.893025	-1.11979	0.289731	0.839733	-1.19086	0.290471	1.19051	1.19051	2.16595	0.866754	0.355709	1
cg12036741	0.58499	1.09043	1.09043	0.12319	0.769383	-1.29974	0.0884874	0.744507	-1.34317	0.167347	0.793685	-1.25995	2.16594	0.845438	0.346962	1
cg15483758	0.909831	1.04898	1.04898	0.681215	0.840016	-1.19045	0.0409625	2.70624	2.70624	0.0372319	2.7749	2.7749	2.16594	6.11038	2.50767	1
cg10488199	0.382171	0.77923	-1.28332	0.21812	0.697283	-1.43414	0.223569	0.700539	-1.42747	0.326349	0.754244	-1.32583	2.16594	2.65735	1.09056	1
cg02508229	0.744673	1.19138	1.19138	0.217168	0.498689	-2.00526	0.0158601	0.205309	-4.8707	0.0946062	0.373618	-2.67653	2.16593	9.84994	4.04238	1
cg01663603	0.257919	8.0037	8.0037	0.0354657	74.7198	74.7198	0.022813	121.493	121.493	0.160401	14.0418	14.0418	2.16592	106.477	43.698	1
cg21898799	?	?	?	?	?	?	0.230457	0.457956	-2.18361	0.885463	1.09289	1.09289	2.31676	10.6086	4.57909	1
cg05844852	?	?	?	0.6015	0.623781	-1.60313	?	?	?	0.0217015	0.0790332	-12.6529	2.37599	16.3737	9.64788	1
cg01029867	0.332161	0.849919	-1.17658	0.6001	0.917612	-1.08979	0.64963	0.92836	-1.07717	0.693865	0.937724	-1.06641	2.16586	0.906219	0.37192	1
cg07156824	0.574821	1.13274	1.13274	0.0242291	0.553899	-1.80538	0.511261	1.15779	1.15779	0.856044	0.960854	-1.04074	2.16583	1.65873	0.680767	1
cg14971781	0.635331	0.927145	-1.07858	0.0310984	0.669875	-1.49282	0.759059	0.952454	-1.04992	0.36007	1.16067	1.16067	2.16583	0.860036	0.352972	1
cg14062152	0.458867	1.14585	1.14585	0.510633	0.88652	-1.12801	0.0923361	0.715758	-1.39712	0.271355	0.81326	-1.22962	2.16582	1.11772	0.458731	1
cg15961007	0.0996145	0.497035	-2.01193	0.135259	0.535975	-1.86576	0.425291	0.729514	-1.37077	0.0491639	0.419025	-2.38649	2.18369	4.61271	2.11235	1
cg02018076	0.0341494	0.568387	-1.75936	0.203042	0.73558	-1.35947	0.18766	0.726797	-1.3759	0.563547	0.87507	-1.14277	2.16579	1.79156	0.735299	1
cg03239335	0.325833	0.638613	-1.56589	0.148905	1.98236	1.98236	0.929178	1.04008	1.04008	0.88866	0.939956	-1.06388	2.16578	6.70273	2.75096	1
cg19273883	0.0674116	0.685631	-1.45851	0.761798	0.94555	-1.05759	0.62629	0.913587	-1.09459	0.50846	0.883787	-1.13149	2.16577	1.16337	0.477477	1
cg04559128	0.150757	1.18759	1.18759	0.00858412	0.687803	-1.4539	0.29708	0.88631	-1.12827	0.818133	1.02605	1.02605	2.16574	0.427508	0.175463	1
cg25002649	0.12934	0.196377	-5.09226	0.055665	0.116046	-8.61725	0.0565738	0.117212	-8.53157	0.194677	0.255994	-3.90635	2.16574	33.8386	13.8885	1
cg17950435	0.901621	1.14757	1.14757	0.797713	0.751356	-1.33093	0.941339	1.08536	1.08536	0.0252134	19.3443	19.3443	2.1657	42.4923	17.4405	1
cg07686392	0.160825	0.555416	-1.80045	0.15126	0.546778	-1.8289	0.554714	0.790911	-1.26436	0.159742	0.554455	-1.80357	2.16563	5.28605	2.16967	1
cg21545902	0.484	1.93036	1.93036	0.0325724	10.1061	10.1061	0.0577704	7.27051	7.27051	0.267434	2.91045	2.91045	2.16562	29.3284	12.038	1
cg26334671	0.784617	0.914801	-1.09313	0.871557	0.948764	-1.054	0.44592	0.776817	-1.2873	0.313221	0.712447	-1.40361	2.16559	3.62373	1.4874	1
cg00741695	0.346226	0.43588	-2.29421	0.289451	0.39013	-2.56325	0.399974	0.478275	-2.09085	0.936441	1.07066	1.07066	2.16559	25.1345	10.3167	1
cg17557704	0.841722	1.02451	1.02451	0.829033	1.02653	1.02653	0.144302	1.20913	1.20913	0.0271965	1.37236	1.37236	2.16556	0.502865	0.206409	1
cg14169740	0.369101	1.37596	1.37596	0.041911	0.444321	-2.25062	0.20478	0.629438	-1.58872	0.058378	0.477113	-2.09594	2.16555	4.10554	1.68519	1
cg13093774	0.304927	0.730397	-1.36912	0.0210241	0.440053	-2.27245	0.829254	0.93813	-1.06595	0.833146	1.06437	1.06437	2.16555	2.99927	1.2311	1
cg25581822	0.161449	2.04456	2.04456	0.580903	0.765914	-1.30563	0.265233	0.573899	-1.74247	0.178445	0.504721	-1.98129	2.16551	7.84509	3.22023	1
cg05855347	0.158594	1.39165	1.39165	0.258063	1.29539	1.29539	0.743358	0.930483	-1.07471	0.100248	0.673734	-1.48427	2.16549	1.64949	0.677079	1
cg06886059	0.0138782	0.588914	-1.69804	0.91879	1.01792	1.01792	0.602624	1.0958	1.0958	0.637664	0.920698	-1.08613	2.16548	1.04037	0.42705	1
cg13164157	0.264481	0.83974	-1.19084	0.143502	0.789729	-1.26626	0.426778	1.1296	1.1296	0.0851107	1.33095	1.33095	2.16547	0.773486	0.317503	1
cg21923959	0.152265	1.43938	1.43938	0.514785	0.854805	-1.16986	0.196101	0.722769	-1.38357	0.759027	1.07581	1.07581	2.16547	1.93454	0.794098	1
cg19600125	0.0886996	1.81126	1.81126	0.658169	0.868614	-1.15126	0.0518259	2.01373	2.01373	0.334397	1.37017	1.37017	2.16546	3.43197	1.40877	1
cg09860653	0.796502	0.93551	-1.06894	0.884776	0.963284	-1.03812	0.84529	1.05169	1.05169	0.503535	1.19139	1.19139	2.16544	2.28226	0.936842	1
cg13527910	0.341215	1.15959	1.15959	0.366862	1.15021	1.15021	0.630374	0.929418	-1.07594	0.892886	0.979867	-1.02055	2.16544	0.78164	0.320854	1
cg08227290	0.422995	0.76573	-1.30594	0.414318	0.761723	-1.31281	0.746929	1.11138	1.11138	0.465888	1.27384	1.27384	2.16543	3.64837	1.49763	1
cg25541621	0.489154	0.670996	-1.49032	0.854432	1.10992	1.10992	0.594647	1.3566	1.3566	0.302808	0.54546	-1.83332	2.16542	11.059	4.53965	1
cg12979992	0.466479	0.886262	-1.12833	0.021682	1.56692	1.56692	0.787119	0.956855	-1.04509	0.926375	0.985054	-1.01517	2.1654	0.910457	0.373739	1
cg19411441	0.237377	0.376505	-2.656	0.989019	0.989198	-1.01092	0.743694	1.29552	1.29552	0.377514	2.04331	2.04331	2.1654	21.357	8.76698	1
cg26381457	0.272875	0.763563	-1.30965	0.508359	0.853329	-1.17188	0.849407	1.04596	1.04596	0.0243552	0.53031	-1.88569	2.16533	1.91631	0.786665	1
cg12216749	0.0778665	0.70922	-1.41	0.0367578	0.653479	-1.53027	0.482057	0.882237	-1.13348	0.404228	0.860999	-1.16144	2.16531	1.0545	0.432887	1
cg10639613	0.237348	1.22491	1.22491	0.0113122	1.68171	1.68171	0.934589	0.986638	-1.01354	0.562134	0.90842	-1.10081	2.16531	0.921	0.378082	1
cg07269491	0.100032	1.52182	1.52182	0.0060777	2.3041	2.3041	0.863337	0.960652	-1.04096	0.278977	1.29989	1.29989	2.16531	1.86186	0.764318	1
cg19472303	0.136614	0.734294	-1.36185	0.155918	0.746732	-1.33917	0.11682	1.38899	1.38899	0.955204	1.01075	1.01075	2.27877	1.28056	0.437072	1
cg22957352	0.281115	1.18348	1.18348	0.698942	1.06018	1.06018	0.663346	1.06808	1.06808	0.0620591	1.37152	1.37152	2.1653	0.77552	0.318363	1
cg06734250	0.154624	1.2298	1.2298	0.0942267	0.778956	-1.28377	0.123633	0.797378	-1.25411	0.515145	1.09374	1.09374	2.16528	0.632186	0.259524	1
cg19074496	0.168957	4.78505	4.78505	0.686392	0.648193	-1.54275	0.0169207	22.4648	22.4648	0.110659	6.40284	6.40284	2.16528	39.1277	16.0627	1
cg19411214	0.636426	0.667259	-1.49867	0.00790532	0.0553227	-18.0757	0.249725	0.359844	-2.77898	0.367537	0.455447	-2.19564	2.16527	24.7573	10.1634	1
cg08008299	0.276922	0.840245	-1.19013	0.123902	0.773771	-1.29237	0.2801	0.841286	-1.18866	0.245867	1.2054	1.2054	2.16525	0.812481	0.333544	1
cg01252455	0.165557	0.516287	-1.93691	0.0174335	0.274223	-3.64667	0.182159	0.531011	-1.8832	0.132162	0.483664	-2.06755	2.16519	6.8521	2.81303	1
cg22259630	0.0526347	0.527491	-1.89577	0.490563	1.22544	1.22544	0.605299	1.16341	1.16341	0.220216	0.687827	-1.45385	2.16519	2.89027	1.18656	1
cg20156953	0.0754256	0.537739	-1.85964	0.778044	1.09261	1.09261	0.835635	0.936956	-1.06729	0.0419721	0.479691	-2.08468	2.16519	3.36888	1.38305	1
cg03771840	0.296921	3.74519	3.74519	0.648375	0.570859	-1.75174	0.059498	13.4263	13.4263	0.0266095	24.7456	24.7456	2.16518	51.1277	20.9898	1
cg04856896	0.739525	0.83478	-1.19792	0.108539	0.387746	-2.57901	0.731455	0.829903	-1.20496	0.500045	0.690386	-1.44847	2.16518	10.0444	4.12361	1
cg11812748	0.303549	0.586774	-1.70423	0.145213	0.457233	-2.18707	0.0645646	2.82549	2.82549	0.430782	0.66878	-1.49526	2.16518	8.58247	3.52343	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23858074	C6orf167;MIR548H3	0.145144	0.647904	1.0682	1.0682	0.542253	1.09255	1.09255	0.455487	1.11524	1.11524	0.725136	1.05196	1.05196	0.147603	1.24974	1.24974	0.214066	1.20648	1.20648	0.0102458	0.628525	-1.59103	0.693909	0.944825	-1.0584	0.505607	0.907627	-1.10177	2.16514	0.706031	0.289858	1
cg11950105	FASN	0.145145	0.169379	0.632787	-1.58031	0.0668127	1.90093	1.90093	0.508504	1.23327	1.23327	0.117535	1.70129	1.70129	0.0776239	0.541668	-1.84615	0.940845	0.977068	-1.02347	0.124571	0.594645	-1.68167	0.940604	0.976975	-1.02357	0.626187	0.857745	-1.16585	2.16514	3.3507	1.37562	1
cg10786744	ZNF607	0.145146	0.785023	1.11541	1.11541	0.0422397	0.392723	-2.54632	0.0506713	2.43393	2.43393	0.384465	1.4279	1.4279	0.356959	0.684921	-1.46002	0.465293	0.743167	-1.34559	0.323368	0.665343	-1.50298	0.22762	0.60295	-1.65851	0.280506	1.56533	1.56533	2.16513	5.47168	2.24639	1
cg17598574	RAP1A;RAP1A	0.145146	0.0937516	0.665409	-1.50284	0.207731	0.745565	-1.34127	0.16663	0.721843	-1.38534	0.45175	1.18466	1.18466	0.646964	0.9031	-1.1073	0.115636	1.4594	1.4594	0.114882	1.46074	1.46074	0.421514	1.199	1.199	0.190509	0.736087	-1.35853	2.16513	1.67522	0.687757	1
cg14550289	TIA1;TIA1	0.145151	0.977642	0.9889	-1.01122	0.184171	0.570574	-1.75262	0.738756	0.875191	-1.14261	0.594506	1.23862	1.23862	0.404231	0.71181	-1.40487	0.24998	1.61422	1.61422	0.00700225	0.249316	-4.01098	0.57302	1.25463	1.25463	0.450857	0.736388	-1.35798	2.16509	5.4401	2.23346	1
cg10515982	GRK5	0.145154	0.0131035	0.332764	-3.00513	0.79192	1.09917	1.09917	0.334672	1.42732	1.42732	0.895937	0.954282	-1.04791	0.0929243	0.516306	-1.93684	0.662472	0.854648	-1.17007	0.246872	1.54188	1.54188	0.323481	1.44004	1.44004	0.72788	0.882573	-1.13305	2.16507	4.38498	1.80029	1
cg06864391	ADPRHL1	0.145159	0.0850839	0.340412	-2.93762	0.330225	0.566278	-1.76592	0.055071	0.29198	-3.42489	0.0859827	0.341684	-2.92668	0.0361564	0.251827	-3.97098	0.17585	0.442805	-2.25833	0.207043	0.470894	-2.12362	0.0301072	0.236078	-4.23588	0.423606	0.629667	-1.58814	2.16504	10.9844	4.50981	1
cg05762616	BNIP3	0.145161	0.529486	1.53488	1.53488	0.0124105	8.11012	8.11012	0.0234664	6.17482	6.17482	0.597728	1.43069	1.43069	0.750154	0.806638	-1.23971	0.822258	1.16338	1.16338	0.496712	0.628671	-1.59066	0.58565	1.4481	1.4481	0.727989	0.790691	-1.26472	2.16503	15.5121	6.36878	1
cg16427239	A2BP1;A2BP1	0.145164	0.0886202	0.412877	-2.42203	0.165242	0.49804	-2.00787	0.811449	0.893554	-1.11913	0.410765	0.672924	-1.48605	0.020557	0.268762	-3.72077	0.0458815	0.34037	-2.93798	0.0420612	0.331825	-3.01364	0.296284	0.600491	-1.66531	0.730371	0.849654	-1.17695	2.165	7.6048	3.12231	1
cg00469635	PPME1;C2CD3	0.145165	0.191302	0.324501	-3.08166	0.374742	0.480596	-2.08075	0.12646	0.257761	-3.87957	0.00970493	0.0576712	-17.3397	0.731018	0.759324	-1.31696	0.529638	0.600668	-1.66481	0.513418	1.70016	1.70016	0.457119	1.8355	1.8355	0.589597	1.54555	1.54555	2.43794	23.3434	6.38337	1
cg01836910	CDK18;CDK18;CDK18	0.145168	0.164002	1.63592	1.63592	0.617623	1.18153	1.18153	0.00599074	3.2887	3.2887	0.851374	1.06414	1.06414	0.170992	1.62115	1.62115	0.819984	0.927238	-1.07847	0.479291	1.26917	1.26917	0.40111	0.752136	-1.32955	0.798122	0.918559	-1.08866	2.16498	3.76644	1.54641	1
cg16709901	RNF4	0.145169	0.319451	0.826213	-1.21034	0.696465	1.07545	1.07545	0.637819	1.09197	1.09197	0.0364519	1.57011	1.57011	0.965808	1.00799	1.00799	0.277749	1.23298	1.23298	0.221566	1.26922	1.26922	0.0434535	0.649936	-1.53861	0.235707	1.25932	1.25932	2.16497	1.18049	0.484682	1
cg01015871	MT4	0.145169	0.322886	0.698531	-1.43158	0.239346	1.54178	1.54178	0.0776233	1.99202	1.99202	0.445075	0.760691	-1.31459	0.0350385	0.421914	-2.37015	0.432659	1.32492	1.32492	0.669437	0.859936	-1.16288	0.771301	0.90266	-1.10784	0.115918	0.548595	-1.82284	2.16497	4.23312	1.73803	1
cg09408768	KCNJ3	0.145172	0.0560628	13.3634	13.3634	0.228554	4.54478	4.54478	0.924537	1.12019	1.12019	0.514611	2.20714	2.20714	0.249951	4.22233	4.22233	0.38752	2.88958	2.88958	0.887933	0.844573	-1.18403	0.0137885	38.3601	38.3601	0.0398897	17.2145	17.2145	2.16495	49.2126	20.2058	1
cg04820254	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.145172	0.830035	0.948612	-1.05417	0.5211	1.17306	1.17306	0.558199	1.15641	1.15641	0.0670561	0.604267	-1.6549	0.0118351	0.462438	-2.16245	0.373442	1.25135	1.25135	0.823788	0.946739	-1.05626	0.176737	0.702995	-1.42248	0.627655	0.886965	-1.12744	2.16495	2.06505	0.847872	1
cg13099890	LOC283392;LOC283392;TRHDE	0.145172	0.279604	0.689508	-1.45031	0.248557	0.671031	-1.49024	0.345144	1.37933	1.37933	0.0379654	0.451211	-2.21626	0.184643	0.627895	-1.59262	0.344639	1.37982	1.37982	0.086836	0.534996	-1.86917	0.617659	1.18111	1.18111	0.0973442	0.547857	-1.8253	2.16495	3.75097	1.54008	1
cg00132149	LPCAT1	0.145175	0.188658	0.723462	-1.38224	0.306093	1.27926	1.27926	0.0264857	0.542578	-1.84305	0.945519	0.984242	-1.01601	0.0297919	0.551934	-1.81181	0.269743	0.765587	-1.30619	0.779118	1.06753	1.06753	0.496272	0.85167	-1.17416	0.163398	0.707707	-1.41301	2.16492	1.85216	0.760474	1
cg00752806	STK11IP	0.145176	0.688614	1.08862	1.08862	0.0258787	1.74638	1.74638	0.490374	1.15913	1.15913	0.326898	0.807891	-1.23779	0.154817	1.37843	1.37843	0.534611	0.875855	-1.14174	0.0517496	0.627136	-1.59455	0.588499	1.12202	1.12202	0.818659	0.952749	-1.04959	2.16492	1.52325	0.625426	1
cg17589397	PADI3	0.145178	0.0492059	0.454843	-2.19856	0.309529	0.691404	-1.44633	0.260384	0.662359	-1.50976	0.984406	1.00688	1.00688	0.0266963	0.397959	-2.51282	0.126092	0.559457	-1.78745	0.0969233	0.527618	-1.89531	0.0562126	0.468232	-2.13569	0.849222	1.06907	1.06907	2.16491	4.22215	1.73357	1
cg15831452	PRPSAP2	0.145179	0.459007	0.891371	-1.12187	0.186213	1.2383	1.2383	0.0898495	1.32998	1.32998	0.0455901	1.41854	1.41854	0.294593	0.847224	-1.18033	0.620692	0.92674	-1.07905	0.136455	0.782942	-1.27723	0.244287	1.20416	1.20416	0.792414	0.960571	-1.04105	2.1649	0.797564	0.327473	1
cg01831944	DIAPH2;DIAPH2	0.14518	0.0312119	0.257233	-3.88753	0.0291357	0.251364	-3.9783	0.50045	0.69259	-1.44385	0.763681	0.850491	-1.17579	0.0316913	0.25855	-3.86773	0.179774	0.465245	-2.14941	0.164727	0.451101	-2.2168	0.687036	0.80451	-1.24299	0.961369	1.02636	1.02636	2.16489	9.89018	4.06084	1
cg06681597	COX10	0.14518	0.470971	0.904561	-1.10551	0.350466	0.876826	-1.14048	0.207904	1.19916	1.19916	0.60204	1.07462	1.07462	0.32698	0.870741	-1.14845	0.141603	0.80559	-1.24133	0.235053	1.18558	1.18558	0.212316	1.19684	1.19684	0.030142	0.705561	-1.41731	2.16489	0.641449	0.263374	1
cg24322333	AKAP12;AKAP12	0.145181	0.580648	0.774062	-1.29189	0.628417	1.25086	1.25086	0.883117	0.934708	-1.06985	0.00741297	4.87045	4.87045	0.97741	0.987088	-1.01308	0.246358	0.573261	-1.74441	0.374224	0.657947	-1.51988	0.252468	0.577732	-1.73091	0.589217	0.778637	-1.2843	2.16488	7.22285	2.96566	1
cg03041027	BRI3BP	0.145182	0.365016	0.531667	-1.88088	0.398447	1.79759	1.79759	0.806235	0.846913	-1.18076	0.489664	1.60878	1.60878	0.531055	1.53683	1.53683	0.0102271	0.103149	-9.69476	0.430656	0.579615	-1.72528	0.190936	0.388958	-2.57097	?	?	?	2.29501	14.4499	5.50918	1
cg15035278	PRDM16;PRDM16	0.145183	0.79394	0.850328	-1.17602	0.42577	1.6549	1.6549	0.231322	2.17634	2.17634	0.186651	2.3799	2.3799	0.345105	0.547554	-1.8263	0.960518	1.03114	1.03114	0.240278	2.14155	2.14155	0.00629365	9.06345	9.06345	0.567436	1.43046	1.43046	2.16487	13.1536	5.40081	1
cg16451365	ABCG5;ABCG8	0.145183	0.814394	1.07242	1.07242	0.209067	1.48242	1.48242	0.506796	1.22171	1.22171	0.0955919	1.72344	1.72344	0.717339	1.11415	1.11415	0.0446641	1.98449	1.98449	0.0246185	2.21618	2.21618	0.0447112	1.9841	1.9841	0.113354	1.66908	1.66908	2.16487	3.03091	1.24448	1
cg17891444	LRP8;LRP8;LRP8;LRP8	0.145184	0.234097	1.19201	1.19201	0.806273	1.0352	1.0352	0.518692	0.91199	-1.0965	0.994474	1.00098	1.00098	0.621659	0.932352	-1.07256	0.151874	0.805599	-1.24131	0.0250306	0.687003	-1.4556	0.101272	0.776728	-1.28745	0.14673	1.24522	1.24522	2.16486	0.679819	0.279133	1
cg09119757	ZNF423	0.145186	0.0625684	0.732791	-1.36465	0.513872	1.10319	1.10319	0.992777	0.998658	-1.00134	0.923652	0.985881	-1.01432	0.258185	1.19127	1.19127	0.181157	1.23442	1.23442	0.0255066	1.48254	1.48254	0.243655	0.834463	-1.19838	0.9184	0.984913	-1.01532	2.16485	0.754523	0.309807	1
cg06458707	C7orf50;C7orf50;C7orf50	0.145187	0.549646	0.867774	-1.15237	0.16471	1.4152	1.4152	0.936596	0.981533	-1.01881	0.342025	1.2578	1.2578	0.0926903	0.648262	-1.54259	0.025339	1.86418	1.86418	0.16914	1.40945	1.40945	0.988635	1.00334	1.00334	0.367894	0.805181	-1.24196	2.16484	1.88191	0.772717	1
cg14958951	NFE2L2;NFE2L2;NFE2L2	0.145194	0.298366	1.34539	1.34539	0.232292	1.41166	1.41166	0.363667	1.29297	1.29297	0.0341073	1.97504	1.97504	0.317519	1.32894	1.32894	0.328852	0.757773	-1.31966	0.0318479	1.99839	1.99839	0.27324	0.730644	-1.36866	0.832809	1.05991	1.05991	2.16479	2.5972	1.06644	1
cg06521852	TRIOBP;TRIOBP;TRIOBP	0.145196	0.0158589	0.323501	-3.09118	0.234308	0.621137	-1.60995	0.317491	0.673896	-1.48391	0.33387	0.683381	-1.46331	0.0126602	0.306134	-3.26654	0.197962	0.594682	-1.68157	0.850493	0.930462	-1.07473	0.523401	0.78113	-1.2802	0.398815	0.718966	-1.39089	2.16478	5.00194	2.05387	1
cg21051989	RRAGD;RRAGD	0.145197	0.969242	0.994552	-1.00548	0.488498	1.10484	1.10484	0.994855	1.00091	1.00091	0.949243	0.991021	-1.00906	0.433671	0.89298	-1.11985	0.0194829	0.670256	-1.49197	0.586224	0.925084	-1.08098	0.270115	1.17668	1.17668	0.0386215	1.40409	1.40409	2.16477	0.688221	0.282594	1
cg20080006	WWTR1;WWTR1;WWTR1	0.145201	0.0528525	42.3591	42.3591	0.112607	18.9204	18.9204	0.123474	17.1215	17.1215	0.220484	8.96108	8.96108	0.130621	16.1031	16.1031	0.0687721	32.0558	32.0558	0.155478	13.2956	13.2956	0.405694	4.25534	4.25534	0.0182775	131.121	131.121	2.16475	99.3555	40.7974	1
cg04600299	ATP6V0E2;LOC401431;ATP6V0E2;ATP6V0E2;ATP6V0E2	0.145204	0.568611	1.09353	1.09353	0.00970838	1.66142	1.66142	0.261216	1.1994	1.1994	0.760798	1.04852	1.04852	0.877392	1.02425	1.02425	0.3821	0.87014	-1.14924	0.269011	0.836408	-1.19559	0.577076	1.09136	1.09136	0.093852	1.33095	1.33095	2.16472	0.82559	0.339008	1
cg05469695	CDC42EP3	0.145207	0.294729	0.636319	-1.57154	0.60172	1.2449	1.2449	0.236727	1.67482	1.67482	0.116583	0.491986	-2.03258	0.0572772	0.408749	-2.44649	0.63381	0.819027	-1.22096	0.181872	0.554616	-1.80305	0.0427474	0.378992	-2.63858	0.118945	0.494607	-2.02181	2.1647	5.93272	2.43615	1
cg12070379	SDHB;SDHB	0.145207	0.5585	0.873739	-1.14451	0.893695	0.969961	-1.03097	0.00862628	0.465802	-2.14683	0.589017	1.1325	1.1325	0.208407	0.738941	-1.35329	0.629863	0.895142	-1.11714	0.240567	0.755568	-1.32351	0.939417	1.01749	1.01749	0.146257	1.42729	1.42729	2.1647	1.78411	0.732608	1
cg26632897	C1QTNF1;C1QTNF1;C1QTNF1;C1QTNF1	0.145216	0.563232	0.787693	-1.26953	0.0156087	0.297994	-3.35577	0.0900509	0.466296	-2.14456	0.776999	1.12295	1.12295	0.240565	0.605481	-1.65158	0.321338	0.658105	-1.51951	0.079796	0.452089	-2.21195	0.0530069	0.40743	-2.45441	0.98753	0.993639	-1.0064	2.16464	5.71677	2.34754	1
cg02638589	GRAMD2	0.145217	0.953505	0.97433	-1.02635	0.0159406	3.72956	3.72956	0.606422	1.26083	1.26083	0.641487	1.23261	1.23261	0.0328666	0.328526	-3.0439	0.720306	1.17392	1.17392	0.265795	1.67727	1.67727	0.949913	1.02841	1.02841	0.646033	1.22906	1.22906	2.16463	6.81921	2.80026	1
cg07448460	GGH	0.145218	0.0317673	0.635329	-1.57399	0.993224	1.00153	1.00153	0.5897	1.10309	1.10309	0.198995	0.783026	-1.2771	0.758668	1.05711	1.05711	0.87356	0.971707	-1.02912	0.948882	1.01162	1.01162	0.383457	1.17475	1.17475	0.0252042	1.61557	1.61557	2.16462	1.11341	0.457214	1
cg17487050	RUNX1T1	0.145228	0.547929	0.804514	-1.24299	0.198585	0.615065	-1.62584	0.538893	1.24928	1.24928	0.0469166	0.443208	-2.25628	0.347876	0.707681	-1.41307	0.139797	0.56644	-1.76541	0.0140845	0.338186	-2.95695	0.137692	0.564462	-1.7716	0.231636	0.638381	-1.56646	2.16456	4.38738	1.80171	1
cg19791221	RUNX1;RUNX1	0.145229	0.426213	0.752447	-1.329	0.555619	1.23205	1.23205	0.114283	0.548075	-1.82457	0.397178	0.738233	-1.35459	0.716841	1.13599	1.13599	0.680752	1.15584	1.15584	0.0162592	0.357448	-2.79761	0.442052	1.31574	1.31574	0.0627756	0.480497	-2.08118	2.16454	4.20112	1.72523	1
cg20640373	STAC3	0.14523	0.473354	0.532404	-1.87827	0.118537	0.231153	-4.32614	0.0225594	10.6007	10.6007	0.418628	0.489509	-2.04286	0.0864109	0.194508	-5.14117	0.972864	0.971026	-1.02984	0.612495	1.55503	1.55503	0.4516	1.94043	1.94043	0.487583	1.83967	1.83967	2.16454	25.6122	10.5179	1
cg13249591	S100A10	0.14523	0.507223	1.76716	1.76716	0.0474189	6.81589	6.81589	0.23763	2.84878	2.84878	0.0536251	6.38932	6.38932	0.522401	1.73087	1.73087	0.222534	2.95881	2.95881	0.0104726	15.2814	15.2814	0.204597	3.10432	3.10432	0.571915	1.62151	1.62151	2.16454	24.5499	10.0817	1
cg06213876	NOMO3	0.145233	0.362337	0.875489	-1.14222	0.938753	1.01097	1.01097	0.121672	1.26909	1.26909	0.0720213	1.33003	1.33003	0.160949	1.23697	1.23697	0.0782845	0.757445	-1.32023	0.398953	0.884578	-1.13048	0.243485	0.840867	-1.18925	0.510768	0.909612	-1.09937	2.16452	0.691469	0.283961	1
cg24532471	FAM181B	0.145235	0.215317	0.630599	-1.58579	0.0128761	0.335616	-2.9796	0.0472819	0.448234	-2.23098	0.141483	0.571803	-1.74885	0.408722	0.741762	-1.34814	0.191328	0.613185	-1.63083	0.906481	0.959303	-1.04242	0.154025	0.583036	-1.71516	0.665362	1.16631	1.16631	2.16451	4.28464	1.75956	1
cg07667161	RPL7L1	0.145236	0.541927	0.751668	-1.33038	0.011717	0.233154	-4.28901	0.820615	0.900313	-1.11072	0.546791	1.32571	1.32571	0.0919673	0.424124	-2.3578	0.759473	1.15257	1.15257	0.0595633	0.37413	-2.67287	0.973153	1.01568	1.01568	0.248748	0.572672	-1.7462	2.16449	7.32861	3.00963	1
cg05994094	C18orf34;C18orf34	0.145238	0.410863	0.840609	-1.18961	0.127624	1.40512	1.40512	0.325938	1.23295	1.23295	0.576872	1.12342	1.12342	0.340647	1.22476	1.22476	0.656685	1.09677	1.09677	0.0677816	1.52565	1.52565	0.216575	1.30796	1.30796	0.00969655	1.96527	1.96527	2.16448	1.46135	0.600134	1
cg11609568	QARS	0.145242	0.301031	1.22112	1.22112	0.26519	0.805359	-1.24168	0.414893	0.856105	-1.16808	0.928564	0.983423	-1.01686	0.0908922	1.4151	1.4151	0.475957	1.14468	1.14468	0.015556	0.575164	-1.73863	0.653337	1.08793	1.08793	0.528508	0.887772	-1.12642	2.16445	1.19132	0.489245	1
cg25136988	LY6G5C	0.145242	0.362715	1.52916	1.52916	0.00771479	4.73037	4.73037	0.096555	2.28944	2.28944	0.229949	1.77155	1.77155	0.284804	1.65601	1.65601	0.439586	1.43029	1.43029	0.0496687	2.76379	2.76379	0.204959	1.83528	1.83528	0.690048	1.1996	1.1996	2.16445	7.06581	2.90176	1
cg11525020	BANF2	0.145245	0.105348	0.290819	-3.43856	0.965723	1.03045	1.03045	0.486466	1.63815	1.63815	0.752408	1.2472	1.2472	0.0559787	0.220665	-4.53175	0.276046	0.453449	-2.20532	0.0413248	0.193463	-5.16894	0.0387399	0.188118	-5.31582	0.603093	0.693397	-1.44218	2.16443	16.7011	6.85882	1
cg10391895	ARL2;ARL2	0.145246	0.056628	1.2231	1.2231	0.391951	0.921401	-1.0853	0.0812919	0.834965	-1.19765	0.286627	1.1088	1.1088	0.59892	1.05078	1.05078	0.170437	1.14597	1.14597	0.78027	0.974236	-1.02645	0.146567	0.864644	-1.15654	0.266626	1.11408	1.11408	2.16442	0.298617	0.122636	1
cg01804134	RNF220	0.145252	0.143173	2.06869	2.06869	0.0378049	3.043	3.043	0.672154	0.82147	-1.21733	0.700911	1.19519	1.19519	0.150867	2.03655	2.03655	0.086582	2.39783	2.39783	0.108365	2.24615	2.24615	0.0339573	3.13837	3.13837	0.160484	1.99905	1.99905	2.16438	7.31676	3.00492	1
cg02902261	TBL2	0.145256	0.0686021	0.449331	-2.22553	0.43991	0.734084	-1.36224	0.872942	1.06482	1.06482	0.323881	0.670416	-1.49161	0.0229723	0.343873	-2.90805	0.208758	0.594499	-1.68209	0.0233584	0.345291	-2.89611	0.129202	0.525492	-1.90298	0.387888	0.706579	-1.41527	2.16436	5.27964	2.16832	1
cg19102412	LOC84931	0.145257	0.264621	1.52304	1.52304	0.0991019	0.519845	-1.92365	0.0215086	0.368169	-2.71615	0.685141	1.15893	1.15893	0.240386	0.64097	-1.56013	0.861231	1.06536	1.06536	0.144658	1.76281	1.76281	0.977423	1.01029	1.01029	0.428898	0.746607	-1.33939	2.16435	4.48808	1.84323	1
cg05482864	CNOT10	0.14526	0.484383	1.34265	1.34265	0.00527941	0.217658	-4.59436	0.61431	0.810028	-1.23452	0.484951	0.745093	-1.34211	0.227681	0.59152	-1.69056	0.506666	0.756275	-1.32227	0.322188	1.5281	1.5281	0.450823	0.727194	-1.37515	0.651623	0.828236	-1.20738	2.16433	5.89302	2.42026	1
cg00675891	MCF2L;MCF2L	0.145261	0.645523	0.786163	-1.272	0.0333946	0.274916	-3.63748	0.516626	1.40716	1.40716	0.555913	1.36262	1.36262	0.157147	0.45571	-2.19438	0.325713	0.590311	-1.69402	0.0260638	0.253673	-3.94208	0.133194	0.43108	-2.31975	0.763851	1.16942	1.16942	2.16432	9.24876	3.79848	1
cg04629512	C7orf50;GPR146;C7orf50;C7orf50;GPR146	0.145263	0.682825	1.3252	1.3252	0.188072	0.384451	-2.60111	0.188955	0.385271	-2.59557	0.425975	1.74565	1.74565	0.526221	1.55291	1.55291	0.920751	1.07058	1.07058	0.268055	2.20484	2.20484	0.0295847	5.78632	5.78632	0.0519417	4.55201	4.55201	2.1643	16.1	6.61233	1
cg05872835	COL12A1;COL12A1	0.145263	0.0859972	2.11087	2.11087	0.463169	0.74523	-1.34187	0.553315	0.789669	-1.26635	0.100973	2.02856	2.02856	0.412984	1.39039	1.39039	0.783746	0.897331	-1.11442	0.0534499	2.3722	2.3722	0.0763235	2.17386	2.17386	0.0803254	2.14669	2.14669	2.1643	5.31532	2.18303	1
cg13298827	PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA10;PCDHA3;PCDHA4;PCDHA10;P	0.145266	0.342128	1.18167	1.18167	0.11621	0.747408	-1.33796	0.123195	0.752166	-1.32949	0.446179	1.1416	1.1416	0.776623	1.04971	1.04971	0.241005	1.23285	1.23285	0.022518	1.59365	1.59365	0.750042	1.05602	1.05602	0.556291	0.903493	-1.10682	2.16428	0.996968	0.409463	1
cg22241124	CNGA3;CNGA3	0.145267	0.664331	0.899633	-1.11156	0.702077	0.911097	-1.09758	0.221825	0.732668	-1.36487	0.996274	1.00113	1.00113	0.125214	0.668963	-1.49485	0.191356	1.3981	1.3981	0.0293662	0.53706	-1.86199	0.197797	1.39064	1.39064	0.115231	0.660431	-1.51416	2.16428	2.01158	0.826173	1
cg03870856	TSPAN31	0.145269	0.554196	0.9084	-1.10084	0.978364	1.00436	1.00436	0.0852281	0.736723	-1.35736	0.666918	1.072	1.072	0.0863274	1.35561	1.35561	0.0226143	1.55013	1.55013	0.294765	0.839895	-1.19063	0.829897	1.03515	1.03515	0.575481	1.0951	1.0951	2.16427	0.883763	0.362971	1
cg16002544	NOTCH4	0.14527	0.902949	0.941239	-1.06243	0.883305	1.07564	1.07564	0.045255	0.319726	-3.12768	0.0302849	0.282421	-3.54082	0.410433	0.658446	-1.51873	0.0208795	0.251536	-3.97558	0.885615	1.07407	1.07407	0.247988	0.549051	-1.82132	0.420149	0.664393	-1.50513	2.16426	8.44739	3.46945	1
cg19374885	FBXO4;FBXO4	0.145272	0.0140584	0.71419	-1.40019	0.298724	0.887286	-1.12703	0.375078	1.10636	1.10636	0.140263	0.838482	-1.19263	0.346304	0.897915	-1.11369	0.233697	1.14869	1.14869	0.956774	1.00604	1.00604	0.516424	0.929559	-1.07578	0.378063	1.10563	1.10563	2.16425	0.422532	0.17354	1
cg02404636	SFI1;SFI1	0.145277	0.979395	0.987893	-1.01226	0.0141683	4.16893	4.16893	0.961802	1.02285	1.02285	0.0214795	3.68007	3.68007	0.246535	1.77107	1.77107	0.284437	1.68958	1.68958	0.969328	0.982027	-1.0183	0.590631	0.774032	-1.29194	0.787125	1.13618	1.13618	2.16421	7.62591	3.13213	1
cg08430407	IL18BP;IL18BP;IL18BP;IL18BP;IL18BP	0.145277	0.0398764	0.404536	-2.47197	0.0895234	0.490086	-2.04046	0.342444	0.68892	-1.45155	0.209341	0.60405	-1.65549	0.0154993	0.322645	-3.09938	0.24169	0.626965	-1.59499	0.273937	0.648098	-1.54298	0.327573	0.680443	-1.46963	0.0600347	0.445658	-2.24387	2.16421	4.97473	2.04323	1
cg25662926	ZFHX4;LOC100192378	0.145278	0.322592	2.9783	2.9783	0.10225	6.75376	6.75376	0.31715	3.01777	3.01777	0.0941557	7.13949	7.13949	0.53492	1.9566	1.9566	0.522165	1.99944	1.99944	0.9064	1.13387	1.13387	0.00538615	50.0754	50.0754	0.250705	3.60371	3.60371	2.1642	39.1044	16.0611	1
cg20642756	ZNF22;C10orf25	0.145278	0.263975	0.553738	-1.80591	0.0945306	0.393411	-2.54187	0.0337801	0.284142	-3.51937	0.445058	1.48466	1.48466	0.465957	0.686172	-1.45736	0.583507	0.754979	-1.32454	0.111496	0.414806	-2.41076	0.0369226	0.292241	-3.42183	0.104001	0.405626	-2.46533	2.1642	8.8322	3.62759	1
cg16329782	SLC9A3	0.14528	0.118578	2.142	2.142	0.0176173	3.66299	3.66299	0.211432	1.80739	1.80739	0.408957	1.46183	1.46183	0.569092	0.772036	-1.29528	0.239501	0.574781	-1.73979	0.604813	0.790805	-1.26453	0.117542	2.14739	2.14739	0.730399	1.16827	1.16827	2.16419	6.92815	2.84557	1
cg25958361	MRPL30;MITD1	0.145282	0.921651	0.982269	-1.01805	0.130739	1.34548	1.34548	0.0926263	1.40007	1.40007	0.501759	1.13199	1.13199	0.770146	1.05472	1.05472	0.459032	1.14694	1.14694	0.211879	0.787301	-1.27016	0.0417855	0.652655	-1.5322	0.139426	1.3354	1.3354	2.16417	1.13344	0.465537	1
cg07488920	ADARB2	0.145283	0.276554	0.752385	-1.32911	0.461713	0.828319	-1.20726	0.468971	1.20347	1.20347	0.0934311	0.628864	-1.59017	0.927901	0.977506	-1.02301	0.539704	1.16892	1.16892	0.011079	2.22725	2.22725	0.798426	1.06645	1.06645	0.756343	0.92474	-1.08138	2.16417	2.16599	0.889639	1
cg03930849	TTTY4B;TTTY4;TTTY4C	0.145285	0.116721	2.56074	2.56074	0.308037	0.558722	-1.7898	0.0678308	0.32352	-3.091	0.682445	0.796962	-1.25477	0.0843238	0.348716	-2.86767	0.719821	1.21984	1.21984	0.164073	0.440795	-2.26863	0.288652	1.83622	1.83622	0.276645	1.86688	1.86688	2.16415	10.4326	4.28499	1
cg24127743	SUV420H2	0.145286	0.979163	0.983913	-1.01635	0.480974	1.57303	1.57303	0.533283	1.48798	1.48798	0.418634	0.591128	-1.69168	0.0193512	0.109804	-9.10713	?	?	?	0.147322	0.35105	-2.8486	0.0982803	0.285586	-3.50158	0.720693	1.25102	1.25102	3.09136	14.6109	2.36318	1
cg20668222	C19orf61	0.145286	0.183171	1.16531	1.16531	0.725068	1.03899	1.03899	0.456887	0.921207	-1.08553	0.727536	0.962822	-1.03861	0.858281	1.01955	1.01955	0.143143	1.18583	1.18583	0.326267	0.896028	-1.11604	0.0117905	1.40589	1.40589	0.159986	1.17659	1.17659	2.16414	0.402151	0.165177	1
cg23309825	MYL6B	0.145286	0.785296	0.943953	-1.05938	0.394456	0.831741	-1.2023	0.0699852	1.5341	1.5341	0.18519	0.7432	-1.34553	0.704032	0.922547	-1.08396	0.911865	1.02366	1.02366	0.0517095	0.626445	-1.59631	0.527281	1.14487	1.14487	0.0704145	1.53286	1.53286	2.16414	1.52923	0.628109	1
cg14651616	MAP4K2	0.145287	0.992784	1.00582	1.00582	0.142373	2.75323	2.75323	0.0280413	5.2937	5.2937	0.615552	0.72241	-1.38426	0.0663297	0.266448	-3.75307	0.431317	1.67499	1.67499	0.501086	1.55045	1.55045	0.87836	1.10336	1.10336	0.201858	0.420851	-2.37613	2.16414	14.1361	5.80622	1
cg11846226	TNFAIP8	0.14529	0.201952	0.843525	-1.1855	0.628258	0.940239	-1.06356	0.0436452	0.746064	-1.34037	0.479639	0.913238	-1.095	0.0156736	0.687899	-1.4537	0.988671	0.998208	-1.00179	0.488813	1.09288	1.09288	0.17013	0.831497	-1.20265	0.107801	0.801209	-1.24811	2.16411	0.54672	0.22456	1
cg08005992	PAX6;PAX6;PAX6	0.145291	0.105346	0.691588	-1.44595	0.823987	0.954635	-1.04752	0.89789	1.02712	1.02712	0.426535	1.18436	1.18436	0.11302	0.698043	-1.43258	0.235628	1.29567	1.29567	0.0818538	1.49458	1.49458	0.943134	1.01498	1.01498	0.054531	1.57551	1.57551	2.16411	1.4887	0.611471	1
cg00260919	NUFIP1;KIAA1704	0.145292	0.104155	0.728464	-1.37275	0.34462	0.840641	-1.18957	0.386321	0.853539	-1.17159	0.409454	1.16234	1.16234	0.821136	0.960423	-1.04121	0.0485783	1.49446	1.49446	0.0632969	0.689051	-1.45127	0.444197	1.14924	1.14924	0.372	1.17757	1.17757	2.1641	1.08993	0.44768	1
cg08274552	SLC4A3;SLC4A3	0.145292	0.73477	0.878075	-1.13885	0.994446	1.00267	1.00267	0.21857	1.6402	1.6402	0.216629	1.64399	1.64399	0.0791182	0.474542	-2.1073	0.326938	0.679111	-1.47251	0.893957	0.950283	-1.05232	0.0164334	0.325921	-3.06822	0.402048	0.720411	-1.3881	2.1641	5.01121	2.05832	1
cg05598064	MYCBP	0.145299	0.610987	1.04308	1.04308	0.319645	1.08822	1.08822	0.966297	0.996532	-1.00348	0.0684938	0.845637	-1.18254	0.23487	0.902702	-1.10778	0.128128	0.87352	-1.14479	0.063477	0.842352	-1.18715	0.474013	1.06169	1.06169	0.146812	1.13657	1.13657	2.16405	0.231649	0.0951503	1
cg02216727	GJD3;GJD3	0.145303	0.174656	2.20382	2.20382	0.866467	1.09648	1.09648	0.0590684	0.311423	-3.21107	0.138572	2.39329	2.39329	0.714257	0.817695	-1.22295	0.213927	2.04665	2.04665	0.0907321	2.77306	2.77306	0.2116	2.05493	2.05493	0.119854	2.51827	2.51827	2.16402	10.2664	4.21699	1
cg03843951	DDC;DDC	0.145304	0.0976716	0.727394	-1.37477	0.253425	0.811467	-1.23234	0.0558166	0.684199	-1.46156	0.091172	0.721893	-1.38525	0.356632	0.846995	-1.18064	0.342673	1.18677	1.18677	0.0963386	1.37686	1.37686	0.87234	0.972227	-1.02857	0.933463	0.985481	-1.01473	2.16402	1.05144	0.431889	1
cg00287536	PARD3	0.145304	0.310297	0.585716	-1.70731	0.464069	1.46184	1.46184	0.0594458	0.338224	-2.95662	0.183132	0.486901	-2.05381	0.209503	0.509698	-1.96195	0.124478	0.428487	-2.3338	0.794497	1.14226	1.14226	0.0866564	2.62279	2.62279	0.161182	0.466514	-2.14356	2.16402	8.89776	3.65483	1
cg15417875	WDR66	0.145313	0.0387361	10.1482	10.1482	0.333743	2.62534	2.62534	0.424014	2.20447	2.20447	0.206391	3.63374	3.63374	0.0332762	11.1209	11.1209	0.157396	4.32211	4.32211	0.0956856	5.88143	5.88143	0.0523484	8.46736	8.46736	0.0688056	7.18262	7.18262	2.16396	32.1218	13.1947	1
cg03344672	SPTBN1;SPTBN1	0.145318	0.115682	0.518132	-1.93001	0.146744	1.82004	1.82004	0.418632	1.37407	1.37407	0.823995	1.08943	1.08943	0.136572	0.539729	-1.85278	0.204048	1.67431	1.67431	0.109964	1.95406	1.95406	0.0698924	2.18001	2.18001	0.879465	1.06009	1.06009	2.16392	5.06693	2.08138	1
cg02257708	ARPC1B	0.145318	0.234791	0.592165	-1.68872	0.93672	0.967143	-1.03397	0.677389	0.838593	-1.19247	0.771638	0.884755	-1.13026	0.00609557	0.221708	-4.51044	0.906797	1.05051	1.05051	0.0960203	0.46343	-2.15783	0.784664	0.891151	-1.12214	0.0962422	0.463713	-2.15651	2.16392	6.06701	2.49219	1
cg18801045	DAP	0.145318	0.389027	0.633912	-1.57751	0.0451513	0.30518	-3.27676	0.0579366	0.330583	-3.02496	0.597034	0.759189	-1.3172	0.11017	0.406954	-2.45728	0.182347	0.481497	-2.07686	0.152004	0.452733	-2.20881	0.131251	2.31957	2.31957	0.91032	0.943478	-1.05991	2.16392	9.13858	3.75392	1
cg13748642	EXOC6;EXOC6	0.145319	0.246044	1.16187	1.16187	0.351781	0.888249	-1.12581	0.121673	0.812616	-1.23059	0.169359	1.19848	1.19848	0.757535	0.962429	-1.03904	0.193294	1.18559	1.18559	0.0200531	1.41477	1.41477	0.930815	1.0108	1.0108	0.833006	0.974227	-1.02645	2.16391	0.524125	0.215299	1
cg12856855	CLSTN1;CLSTN1	0.145319	0.160345	1.17002	1.17002	0.006175	1.45342	1.45342	0.787908	1.02863	1.02863	0.284512	1.12344	1.12344	0.237217	1.13842	1.13842	0.876375	0.983834	-1.01643	0.151161	1.17473	1.17473	0.934634	0.991449	-1.00862	0.149385	1.17568	1.17568	2.16391	0.375633	0.154302	1
cg23161218	TNFSF13;TNFSF13;TNFSF13;TNFSF13;TNFSF12-TNFSF13;TNFSF13;TNFSF13	0.14532	0.141991	0.302844	-3.30203	0.0278392	0.139894	-7.14826	0.954387	0.957643	-1.04423	0.144819	0.305778	-3.27034	0.140922	0.301728	-3.31424	0.186668	0.346752	-2.88391	0.0684978	0.213725	-4.67891	0.0281587	0.140652	-7.10977	0.413352	0.531126	-1.88279	2.1639	19.6202	8.05957	1
cg03758477	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.145322	0.749564	1.14896	1.14896	0.0177221	3.49183	3.49183	0.0506103	2.62693	2.62693	0.636778	0.813641	-1.22904	0.939165	0.967447	-1.03365	0.605948	0.798018	-1.2531	0.0514063	2.61592	2.61592	0.338311	1.53413	1.53413	0.836968	1.09345	1.09345	2.16389	6.44273	2.64656	1
cg15893108	FAM90A13;FAM90A14	0.145322	0.101161	0.21896	-4.56704	0.714974	0.733203	-1.36388	0.0372347	0.129236	-7.73779	0.7152	0.733393	-1.36353	0.0556925	0.159691	-6.26209	0.917452	0.916016	-1.09168	0.19978	0.317855	-3.14609	0.47964	0.544418	-1.83682	0.0178319	0.0874315	-11.4375	2.16389	24.5364	10.0791	1
cg00772000	NHLRC1	0.145323	0.111365	4.31135	4.31135	0.027829	8.93997	8.93997	0.980226	1.0211	1.0211	0.336644	2.30419	2.30419	0.900085	1.11164	1.11164	0.827414	0.831955	-1.20199	0.228282	0.344555	-2.90229	0.366818	0.45787	-2.18403	0.0553058	6.23696	6.23696	2.16389	24.3316	9.99504	1
cg04843066	DDX26B	0.145324	0.382902	0.78157	-1.27948	0.34216	0.763712	-1.30939	0.818742	1.06526	1.06526	0.842157	1.05645	1.05645	0.0109448	0.414978	-2.40977	0.0365996	0.512234	-1.95223	0.95009	1.01739	1.01739	0.403281	1.26562	1.26562	0.659839	0.885156	-1.12974	2.16388	2.59975	1.06794	1
cg06102954	MX2	0.145329	0.108175	2.8397	2.8397	0.151651	2.49618	2.49618	0.494645	1.51131	1.51131	0.401257	1.66798	1.66798	0.127726	2.66628	2.66628	0.499077	1.50473	1.50473	0.023698	4.99338	4.99338	0.0253429	4.86969	4.86969	0.0726322	3.29594	3.29594	2.16384	12.1529	4.9923	1
cg26200001	ZNF451;ZNF451;ZNF451;ZNF451	0.145332	0.444805	0.822128	-1.21636	0.850156	1.0487	1.0487	0.318028	1.29629	1.29629	0.264895	0.746648	-1.33932	0.429467	0.816444	-1.22482	0.0486775	0.567696	-1.7615	0.0228076	1.98388	1.98388	0.617125	1.13511	1.13511	0.840055	0.950459	-1.05212	2.16382	2.16662	0.890038	1
cg07046197	SPATA22;SPATA22;SPATA22;SPATA22;SPATA22;SPATA22	0.145332	0.913356	0.973467	-1.02726	0.00730448	0.425429	-2.35057	0.720921	0.915189	-1.09267	0.494008	1.18721	1.18721	0.518953	0.850831	-1.17532	0.872789	1.04038	1.04038	0.102418	1.55515	1.55515	0.644261	0.891473	-1.12174	0.460013	0.830396	-1.20424	2.16382	2.09194	0.859361	1
cg13389213	ZSCAN22	0.145337	0.081638	0.661031	-1.51279	0.457208	0.850097	-1.17634	0.712573	1.08261	1.08261	0.255968	1.28964	1.28964	0.0867178	1.50057	1.50057	0.107573	1.45748	1.45748	0.066252	1.55568	1.55568	0.856233	1.03967	1.03967	0.211321	1.32641	1.32641	2.16379	1.57682	0.647762	1
cg22629111	FAM78B	0.145337	0.498809	0.863347	-1.15828	0.0557309	0.628832	-1.59025	0.0328478	1.70609	1.70609	0.777931	1.06237	1.06237	0.473399	0.855516	-1.16889	0.253892	0.774933	-1.29043	0.200984	0.748993	-1.33513	0.395626	1.20463	1.20463	0.300425	0.794823	-1.25814	2.16379	1.56947	0.64474	1
cg02448796	KCNAB2;KCNAB2	0.145339	0.053051	0.237014	-4.21917	0.858217	0.889491	-1.12424	0.390868	0.562275	-1.77849	0.0960918	0.30216	-3.30951	0.0199151	0.158774	-6.29826	0.261563	0.464527	-2.15273	0.478287	0.623688	-1.60337	0.0292089	0.185866	-5.38023	0.32612	0.514808	-1.94247	2.16377	14.6975	6.03782	1
cg17350544	PARD3B;PARD3B;PARD3B	0.145342	0.147436	0.695341	-1.43814	0.430151	0.828413	-1.20713	0.567312	1.14471	1.14471	0.206884	0.732594	-1.36501	0.433727	1.2053	1.2053	0.348061	0.79785	-1.25337	0.0454087	1.70991	1.70991	0.123107	1.47767	1.47767	0.192533	1.38045	1.38045	2.16375	1.87251	0.769247	1
cg14367513	KIAA0564	0.145343	0.180344	0.702333	-1.42383	0.0228217	0.508339	-1.96719	0.0635221	0.595596	-1.67899	0.157498	0.686998	-1.45561	0.796947	0.937966	-1.06614	0.057079	0.585841	-1.70695	0.125899	0.662773	-1.50881	0.066745	0.600171	-1.66619	0.51861	0.849988	-1.17649	2.16374	2.11404	0.868471	1
cg00462460	MATN3	0.145345	0.92498	0.955419	-1.04666	0.0234184	3.71076	3.71076	0.50679	1.38561	1.38561	0.0907338	2.46548	2.46548	0.246545	0.556121	-1.79817	0.999765	0.999857	-1.00014	0.0823572	0.393842	-2.53909	0.92762	0.956958	-1.04498	0.545907	1.3444	1.3444	2.16373	8.03508	3.30092	1
cg22635096	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.145345	0.868119	0.880948	-1.13514	0.0165729	9.32048	9.32048	0.0560622	5.2099	5.2099	0.145819	0.303899	-3.29056	0.291041	2.30644	2.30644	0.428834	1.85162	1.85162	0.57004	1.54935	1.54935	0.348915	2.08655	2.08655	0.82702	0.846262	-1.18167	2.16373	19.9364	8.19015	1
cg02361903	CSF1;CSF1;CSF1;CSF1	0.145345	0.00950545	0.170874	-5.85227	0.804918	1.14235	1.14235	0.452339	0.662487	-1.50946	0.170706	0.456325	-2.19142	0.21229	0.493348	-2.02697	0.302081	0.562728	-1.77706	0.0550823	0.310469	-3.22093	0.15862	0.444681	-2.2488	0.174371	0.459768	-2.17501	2.16373	9.91121	4.07166	1
cg11793413	FMO3;FMO3	0.145345	0.836667	0.970114	-1.03081	0.585471	0.92224	-1.08432	0.0815793	0.752982	-1.32805	0.100722	1.30245	1.30245	0.0619835	1.36192	1.36192	0.353392	0.869055	-1.15067	0.362485	1.14748	1.14748	0.90693	0.982956	-1.01734	0.0929106	1.31222	1.31222	2.16373	0.74033	0.304138	1
cg19016100	RNGTT	0.145347	0.0493931	0.249503	-4.00796	0.80426	0.857512	-1.16616	0.194691	0.427754	-2.33779	0.163134	0.397929	-2.51301	0.0192517	0.17329	-5.77067	0.0843105	0.306621	-3.26135	0.0535881	0.257445	-3.88432	0.283359	0.50158	-1.9937	0.268617	0.490046	-2.04063	2.16372	13.1319	5.39481	1
cg21652531	DLX6AS;DLX6	0.145347	0.0413735	2.66579	2.66579	0.288683	0.631892	-1.58255	0.913846	0.955899	-1.04614	0.338749	0.663013	-1.50827	0.130005	0.5058	-1.97706	0.234497	0.594899	-1.68096	0.0438675	0.380851	-2.6257	0.586066	1.25754	1.25754	0.914123	0.956038	-1.04598	2.16371	5.95206	2.4452	1
cg12990974	SCARNA16;C17orf86	0.14535	0.231676	0.637015	-1.56982	0.514988	0.788723	-1.26787	0.0795469	0.496797	-2.01289	0.462572	0.764281	-1.30842	0.824537	0.923278	-1.0831	0.00566047	0.271164	-3.6878	0.136622	0.561878	-1.77975	0.854582	1.06818	1.06818	0.479309	0.772188	-1.29502	2.16369	4.42841	1.81928	1
cg21370986	USP42	0.145354	0.878512	0.974106	-1.02658	0.967259	1.00706	1.00706	0.582901	1.09979	1.09979	0.158774	1.29479	1.29479	0.989378	0.997719	-1.00229	0.789622	1.04693	1.04693	0.00534936	0.533001	-1.87617	0.599166	1.09523	1.09523	0.702347	0.936265	-1.06807	2.16367	1.00809	0.41415	1
cg18316030	TIGD3	0.145354	0.0789738	0.303909	-3.29045	0.464494	0.634717	-1.57551	0.486668	0.649493	-1.53966	0.826821	0.874775	-1.14315	0.0167254	0.168063	-5.95016	0.300368	0.519293	-1.92569	0.0179798	0.172846	-5.7855	0.420083	0.604719	-1.65366	0.196932	0.434755	-2.30014	2.16367	12.7762	5.2488	1
cg15465823	COL2A1;COL2A1	0.145361	0.0702446	0.135341	-7.38873	0.303488	0.348792	-2.86704	0.952136	1.06112	1.06112	0.235571	0.292736	-3.41605	0.0355047	0.089004	-11.2354	0.335421	0.374684	-2.66892	0.0276313	0.0762571	-13.1135	0.0571868	0.119264	-8.38478	0.182117	0.246705	-4.05342	2.16362	33.4677	13.7497	1
cg09906458	PRND;PRND	0.145361	0.234206	0.492771	-2.02934	0.298549	1.84123	1.84123	0.596989	1.35128	1.35128	0.497408	0.677703	-1.47557	0.0474544	0.271202	-3.68729	0.175362	0.440568	-2.2698	0.0658034	0.305966	-3.26834	0.074817	0.320775	-3.11745	0.0957277	0.351286	-2.84669	2.27688	11.2059	3.82789	1
cg00867080	NUDT14	0.145362	0.717946	1.06996	1.06996	0.0616547	1.48054	1.48054	0.453471	1.153	1.153	0.0592492	1.48739	1.48739	0.732802	0.938112	-1.06597	0.823704	1.04247	1.04247	0.381569	0.84594	-1.18212	0.0204302	1.68347	1.68347	0.54679	0.892541	-1.1204	2.16361	1.19094	0.48928	1
cg22051586	GAK	0.145364	0.00875765	2.29279	2.29279	0.892985	1.03401	1.03401	0.279294	0.756149	-1.32249	0.82025	0.945013	-1.05819	0.19786	1.40244	1.40244	0.392435	0.804353	-1.24324	0.505879	0.845572	-1.18263	0.292992	1.31139	1.31139	0.737223	0.919723	-1.08728	2.16359	2.11602	0.869345	1
cg12941675	CLIP1;CLIP1	0.145365	0.759662	1.02542	1.02542	0.773261	1.02392	1.02392	0.0614533	0.841664	-1.18812	0.967934	1.00329	1.00329	0.0062182	0.746904	-1.33886	0.52779	0.94901	-1.05373	0.650259	1.03805	1.03805	0.940935	1.00608	1.00608	0.955507	0.995446	-1.00458	2.16359	0.229357	0.0942291	1
cg01758799	BRSK2	0.145365	0.678968	0.740162	-1.35105	0.0303881	6.29513	6.29513	0.0879708	3.90141	3.90141	0.413234	1.83081	1.83081	0.0860469	0.25376	-3.94073	0.448096	0.571816	-1.74881	0.98257	0.984331	-1.01592	0.179892	2.80028	2.80028	0.91103	0.922368	-1.08417	2.16359	17.9103	7.35828	1
cg13510812	LARS2	0.145366	0.097565	0.402188	-2.4864	0.469198	1.44622	1.44622	0.839225	1.10714	1.10714	0.618912	1.28561	1.28561	0.0322481	0.284659	-3.51297	0.19121	0.499894	-2.00043	0.0420833	0.309286	-3.23325	0.146792	0.458293	-2.18201	0.917258	0.949265	-1.05345	2.16358	8.60226	3.53417	1
cg10948783	C4orf32	0.145367	0.61722	0.590727	-1.69283	0.296227	3.1154	3.1154	0.12107	5.90699	5.90699	0.735859	0.702248	-1.424	0.715239	0.68212	-1.46602	0.843195	1.22959	1.22959	0.232579	3.72727	3.72727	0.00675748	45.6486	45.6486	0.431939	2.31508	2.31508	2.27684	38.4295	13.1277	1
cg14620908	TNXB	0.145367	0.123741	0.269983	-3.70393	0.422808	0.525683	-1.90229	0.395561	1.98057	1.98057	0.528825	0.605834	-1.65062	0.111568	0.256354	-3.90085	0.0859638	0.2253	-4.43854	0.0290281	0.132498	-7.54727	0.0470941	0.167851	-5.95767	0.27815	0.41241	-2.42477	2.16357	21.1386	8.68467	1
cg25074794	MARCH8;MARCH8;MARCH8	0.145377	0.582144	0.692329	-1.4444	0.18961	2.50751	2.50751	0.0710367	3.79739	3.79739	0.706881	0.778841	-1.28396	0.169329	0.379565	-2.63459	0.750592	1.2349	1.2349	0.0411136	0.210306	-4.75497	0.657861	1.34298	1.34298	0.159667	0.37003	-2.70248	2.16351	14.9998	6.16275	1
cg21870038	RFFL;RFFL;RFFL	0.145378	0.157287	0.327325	-3.05507	0.420855	0.544853	-1.83536	0.408713	0.535814	-1.86632	0.41476	0.54032	-1.85075	0.874693	1.1236	1.1236	0.11231	0.278973	-3.58458	0.332873	0.478249	-2.09096	0.0183646	8.27235	8.27235	0.296032	0.449267	-2.22585	2.1635	18.6841	7.6765	1
cg19755928	CCDC48	0.14538	0.204169	0.425073	-2.35254	0.00710834	0.108611	-9.20721	0.0631738	0.263385	-3.79673	0.883143	0.910375	-1.09845	0.487603	0.637485	-1.56866	0.21247	0.432412	-2.31261	0.269957	0.480291	-2.08207	0.190619	0.412804	-2.42246	0.883578	1.09806	1.09806	2.16349	13.9656	5.7379	1
cg07161179	TMEM80;TMEM80	0.14538	0.0968718	0.323531	-3.09089	0.447483	1.61511	1.61511	0.720759	1.24889	1.24889	0.12419	0.356694	-2.80353	0.143746	0.378067	-2.64504	0.313079	0.524083	-1.9081	0.013307	0.149693	-6.68035	0.782485	0.842508	-1.18693	0.207551	0.439141	-2.27717	2.16348	13.1383	5.39801	1
cg26768584	SATB1;SATB1	0.145384	0.0939243	0.322848	-3.09743	0.270817	0.494729	-2.02131	0.0472502	0.248205	-4.02893	0.145672	0.383304	-2.60889	0.412452	0.59788	-1.67258	0.1043	0.336216	-2.97428	0.0317459	0.213246	-4.68941	0.427585	1.64409	1.64409	0.169867	0.407605	-2.45335	2.16345	12.9102	5.30437	1
cg06905511	CXXC5	0.145385	0.740674	1.44164	1.44164	0.0214603	20.9636	20.9636	0.384511	2.66968	2.66968	0.966471	1.04738	1.04738	0.0557957	0.0919518	-10.8753	0.643909	1.66968	1.66968	0.124167	0.159839	-6.25628	0.576221	1.8624	1.8624	0.873373	1.19203	1.19203	2.16345	41.5586	17.075	1
cg00273340	CCDC88B	0.145385	0.135238	0.429736	-2.32701	0.114424	0.406313	-2.46115	0.533236	0.718193	-1.39238	0.274186	0.550558	-1.81634	0.00950513	0.178479	-5.60291	0.120014	0.412838	-2.42226	0.0673558	0.341222	-2.93064	0.158645	0.453679	-2.2042	0.331886	0.591497	-1.69063	2.16345	9.42735	3.87339	1
cg16789592	PYY;NAGS	0.145385	0.0937497	0.186356	-5.36608	0.196693	0.288133	-3.47061	0.65451	0.66324	-1.50775	0.0282889	10.5971	10.5971	0.0792569	0.169296	-5.90683	0.516675	0.549152	-1.82099	0.278305	0.357839	-2.79455	0.433175	0.482337	-2.07324	0.715979	0.716698	-1.39529	2.16344	28.4742	11.6991	1
cg08522087	ANKH	0.145387	?	?	?	0.772474	0.875225	-1.14256	0.0281881	0.234732	-4.26017	0.819582	1.1106	1.1106	?	?	?	0.0601665	0.326542	-3.0624	0.831903	1.1025	1.1025	0.791784	1.12927	1.12927	?	?	?	3.11721	6.01974	1.28742	1
cg13171107	NSUN5B;NSUN5B;NSUN5B	0.14539	0.498636	1.42808	1.42808	0.195384	2.03482	2.03482	0.00674147	6.18565	6.18565	0.254983	1.8525	1.8525	0.665233	1.25337	1.25337	0.478485	0.688119	-1.45324	0.692314	0.813568	-1.22915	0.626952	1.28927	1.28927	0.336478	0.598041	-1.67213	2.16341	9.22057	3.78848	1
cg05107228	HDAC4	0.14539	0.62571	0.890824	-1.12256	0.553441	1.15141	1.15141	0.0722534	1.60287	1.60287	0.112425	1.50146	1.50146	0.176548	0.713283	-1.40197	0.175925	1.40274	1.40274	0.107171	1.51221	1.51221	0.332355	0.790422	-1.26515	0.274931	0.765566	-1.30622	2.16341	1.89508	0.778638	1
cg00824141	FHL2;FHL2;FHL2;FHL2;FHL2;FHL2;FHL2	0.145391	0.0436956	60.2691	60.2691	0.745893	1.77673	1.77673	0.887108	1.28543	1.28543	0.382086	4.87724	4.87724	0.686837	0.4885	-2.04708	0.454208	0.25986	-3.84823	0.189317	0.0856155	-11.6801	0.0171851	169.436	169.436	0.839482	1.4312	1.4312	2.1634	107.064	43.9898	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20643991	SNCAIP	0.145395	0.160923	0.44545	-2.24492	0.00616995	0.145291	-6.88274	0.271118	0.538643	-1.85652	0.786518	1.15789	1.15789	0.245158	0.518674	-1.92799	0.343334	0.590275	-1.69413	0.121911	0.404376	-2.47294	0.76345	0.849597	-1.17703	0.764464	1.17618	1.17618	2.16337	9.99175	4.10542	1
cg16000683	CSMD2	0.145396	0.130838	0.454681	-2.19934	0.530591	1.35921	1.35921	0.0149541	0.235611	-4.24428	0.337307	1.6127	1.6127	0.222802	0.538533	-1.8569	0.539844	0.740929	-1.34966	0.0811341	0.3929	-2.54518	0.899679	1.06283	1.06283	0.843796	1.1	1.1	2.16337	7.99706	3.28584	1
cg11411509	COL11A2;COL11A2;COL11A2;COL11A2	0.145399	0.291645	0.571154	-1.75084	0.0145074	0.214043	-4.67195	0.0468098	0.311909	-3.20606	0.533299	1.38124	1.38124	0.422039	0.657165	-1.52169	0.229408	0.52436	-1.90709	0.88634	0.929405	-1.07596	0.359016	1.62057	1.62057	0.844151	1.106	1.106	2.16335	8.97759	3.68876	1
cg20300707	SDF4;SDF4	0.145399	0.668102	1.21148	1.21148	0.014835	3.79275	3.79275	0.10812	2.18073	2.18073	0.309419	1.59655	1.59655	0.733076	1.16445	1.16445	0.898607	1.05834	1.05834	0.0703757	0.406752	-2.4585	0.612433	1.2551	1.2551	0.865686	0.927472	-1.0782	2.16335	6.77769	2.78486	1
cg06353486	MEGF6	0.145402	0.156833	0.559731	-1.78657	0.211247	1.65655	1.65655	0.187821	0.585748	-1.70722	0.417771	0.728097	-1.37344	0.944047	1.02726	1.02726	0.506634	0.772436	-1.29461	0.00822396	0.273762	-3.65281	0.785643	1.11012	1.11012	0.558199	0.796986	-1.25473	2.16333	5.0316	2.06743	1
cg00227156	MICAL3;MICAL3;MIR648;MICAL3	0.145402	0.0320589	0.229592	-4.35555	0.172678	0.427276	-2.34041	0.676103	0.781781	-1.27913	0.249602	0.494104	-2.02386	0.110685	0.36118	-2.76871	0.132994	0.386851	-2.58497	0.0189043	0.189048	-5.28966	0.0840737	0.326306	-3.06461	0.608644	0.738912	-1.35334	2.16333	11.7621	4.83292	1
cg04577268	ZNF221	0.145402	0.37814	1.41917	1.41917	0.0563364	2.3085	2.3085	0.36589	1.43283	1.43283	0.49567	0.765043	-1.30712	0.465277	1.33335	1.33335	0.748488	0.882901	-1.13263	0.0191446	0.333689	-2.9968	0.375656	1.4219	1.4219	0.50768	1.29718	1.29718	2.16333	5.13515	2.10998	1
cg03490766	SMOC2;SMOC2	0.145403	0.160671	0.549811	-1.81881	0.183101	0.568993	-1.75749	0.0068	0.24662	-4.05481	0.87578	0.939464	-1.06444	0.063679	0.435084	-2.29841	0.293524	0.647291	-1.5449	0.682425	0.848556	-1.17847	0.315778	0.660974	-1.51292	0.191729	0.575978	-1.73618	2.16332	5.45957	2.24329	1
cg11654662	SHMT1;SHMT1	0.145404	0.718801	0.86205	-1.16003	0.0294465	2.86567	2.86567	0.0693709	2.30254	2.30254	0.420392	1.40208	1.40208	0.605511	0.80743	-1.2385	0.211674	0.582651	-1.71629	0.231433	0.597318	-1.67415	0.651521	1.20522	1.20522	0.280473	0.630925	-1.58497	2.16331	5.7747	2.37278	1
cg18041814	CPNE5	0.145404	0.064647	0.555106	-1.80146	0.0309245	0.487429	-2.05158	0.0853472	0.583091	-1.715	0.55495	0.844211	-1.18454	0.085905	0.583767	-1.71301	0.218662	0.692862	-1.44329	0.141075	0.638313	-1.56663	0.0412995	0.512967	-1.94944	0.826278	0.939565	-1.06432	2.16331	2.75575	1.13232	1
cg25043602	ATP11A;ATP11A	0.145406	0.640933	1.11798	1.11798	0.0421858	0.573671	-1.74316	0.11591	0.66651	-1.50035	0.89265	0.968451	-1.03258	0.244309	0.748871	-1.33534	0.414632	0.820386	-1.21894	0.193113	1.38678	1.38678	0.0435237	0.576318	-1.73515	0.178774	0.712388	-1.40373	2.1633	1.93126	0.793546	1
cg10497569	RAB23;RAB23;RAB23	0.14541	0.0627835	0.73233	-1.36551	0.471085	1.11526	1.11526	0.161665	1.24904	1.24904	0.894207	0.980397	-1.01999	0.847092	0.971683	-1.02914	0.225859	0.827586	-1.20833	0.285584	0.847868	-1.17943	0.556246	1.0926	1.0926	0.0346842	1.44252	1.44252	2.16327	0.758575	0.311699	1
cg27567880	MBD2;SNORA37;MBD2	0.145413	0.29389	0.621539	-1.60891	0.219053	1.75874	1.75874	0.0551741	2.58457	2.58457	0.573448	0.779989	-1.28207	0.735077	0.862129	-1.15992	0.580242	0.783492	-1.27634	0.536155	0.760609	-1.31474	0.13728	0.497033	-2.01194	0.0460585	2.71431	2.71431	2.16325	6.53673	2.68597	1
cg00097599	ZMYM6	0.145413	0.124654	0.800655	-1.24898	0.189847	0.830518	-1.20407	0.324298	0.872726	-1.14584	0.0912319	0.779761	-1.28244	0.293213	0.864311	-1.15699	0.697225	0.949055	-1.05368	0.0938048	1.27945	1.27945	0.324051	0.872661	-1.14592	0.120628	1.25248	1.25248	2.16325	0.612773	0.251791	1
cg04275881	SLAMF8	0.145414	0.442877	0.742935	-1.34601	0.380322	0.710501	-1.40746	0.0195196	0.342302	-2.9214	0.178691	0.581221	-1.72052	0.0465771	0.420802	-2.37641	0.0642556	0.453995	-2.20267	0.189107	0.589564	-1.69617	0.789693	1.10686	1.10686	0.102731	0.5076	-1.97006	2.16324	4.94199	2.03069	1
cg05246098	PDGFD;PDGFD;DDI1	0.145416	0.491495	1.15852	1.15852	0.302262	1.25239	1.25239	0.157376	0.727297	-1.37495	0.610745	1.11416	1.11416	0.109081	1.44481	1.44481	0.889725	0.971207	-1.02965	0.012508	1.92378	1.92378	0.409975	0.837405	-1.19417	0.942516	0.984928	-1.0153	2.16323	1.51942	0.624343	1
cg10544272	NID1	0.145417	0.983989	0.990704	-1.00938	0.27292	1.70078	1.70078	0.972038	1.01645	1.01645	0.352286	0.640498	-1.56129	0.414066	0.677998	-1.47493	0.568699	1.30751	1.30751	0.213499	1.83987	1.83987	0.00695856	5.0788	5.0788	0.291713	1.66395	1.66395	2.16323	7.42184	3.0497	1
cg10936564	LNPEP	0.14542	0.51157	1.15999	1.15999	0.504436	1.163	1.163	0.740466	0.928576	-1.07692	0.809808	1.05522	1.05522	0.437992	1.19287	1.19287	0.0324463	1.7475	1.7475	0.0456018	0.599893	-1.66696	0.242678	1.31333	1.31333	0.0976577	1.49949	1.49949	2.1632	1.70263	0.699635	1
cg19848683	MECOM;MECOM;MECOM;MECOM;MECOM;MECOM;MECOM;MECOM;MECOM	0.145422	0.468405	0.757665	-1.31984	0.0164621	3.01166	3.01166	0.643259	1.19178	1.19178	0.713859	1.14859	1.14859	0.353813	0.698473	-1.43169	0.353177	0.698122	-1.43241	0.126649	0.537124	-1.86177	0.206108	1.6515	1.6515	0.382724	1.40036	1.40036	2.16319	4.84788	1.99207	1
cg20157577	STRADA;STRADA;STRADA;STRADA;STRADA;STRADA	0.145422	0.24498	0.616031	-1.62329	0.672345	1.18466	1.18466	0.261251	1.59474	1.59474	0.085605	2.13166	2.13166	0.0590167	0.427708	-2.33804	0.501084	0.761837	-1.31262	0.186776	0.57266	-1.74624	0.805644	0.906466	-1.10319	0.0816316	0.463587	-2.15709	2.16318	5.43646	2.23393	1
cg00961855	TBC1D16	0.145423	0.244701	0.403467	-2.47852	0.136865	3.30421	3.30421	0.052694	5.1692	5.1692	0.98965	0.990372	-1.00972	0.0652042	0.213533	-4.68311	0.752798	0.790051	-1.26574	0.211932	0.375036	-2.66641	0.801852	0.828991	-1.20629	0.204464	0.368346	-2.71484	2.16318	19.0586	7.83149	1
cg27104413	SENP7;SENP7	0.145426	0.371081	0.726429	-1.3766	0.235102	1.54197	1.54197	0.131738	1.76155	1.76155	0.652453	0.854052	-1.17089	0.0100731	0.323003	-3.09595	0.652621	1.17079	1.17079	0.84495	1.07051	1.07051	0.577817	0.822289	-1.21612	0.531009	0.801847	-1.24712	2.16316	4.14895	1.70489	1
cg16472904	PPFIBP2	0.145428	0.0810093	1.74453	1.74453	0.181699	1.50348	1.50348	0.145121	0.63759	-1.5684	0.794218	1.07809	1.07809	0.0674888	1.80267	1.80267	0.0440231	1.94572	1.94572	0.151029	1.55678	1.55678	0.458869	1.24227	1.24227	0.368927	1.304	1.304	2.16314	2.83451	1.16477	1
cg13089859	SYNGAP1	0.14543	0.0148363	0.617062	-1.62058	0.0362204	0.675514	-1.48035	0.556816	0.908716	-1.10045	0.68094	0.935572	-1.06886	0.0643019	0.715454	-1.39771	0.0902663	0.740299	-1.35081	0.300692	0.841356	-1.18856	0.83702	0.967366	-1.03373	0.606036	0.919616	-1.08741	2.16313	0.888883	0.365265	1
cg19339311	SGK2;SGK2	0.14543	0.312985	0.691671	-1.44577	0.711464	0.877009	-1.14024	0.613455	0.835329	-1.19713	0.155025	1.71182	1.71182	0.637152	1.18273	1.18273	0.768812	1.10973	1.10973	0.045047	2.25326	2.25326	0.0170918	2.79221	2.79221	0.330257	1.42601	1.42601	2.16313	4.27463	1.75656	1
cg22183731	BIRC2	0.145433	0.313814	0.439804	-2.27374	0.999199	1.00079	1.00079	0.229425	2.70319	2.70319	0.994063	1.00588	1.00588	0.388337	0.498005	-2.00801	0.44044	0.53775	-1.8596	0.00886413	0.0723156	-13.8283	0.874278	0.882621	-1.13299	0.0754973	0.210082	-4.76004	2.16311	21.3012	8.75331	1
cg16328079	MAGI1;MAGI1;MAGI1	0.145435	0.0188001	0.526589	-1.89902	0.806617	1.05681	1.05681	0.0389735	0.583658	-1.71333	0.254271	0.764745	-1.30763	0.0907881	0.657184	-1.52164	0.443621	0.838636	-1.19241	0.0802312	0.645809	-1.54845	0.180221	0.72569	-1.378	0.604779	0.889024	-1.12483	2.1631	1.73908	0.714645	1
cg10321302	CCNY;CCNY	0.145435	0.556732	1.13538	1.13538	0.062547	0.639094	-1.56472	0.134216	0.708237	-1.41196	0.661956	0.910307	-1.09853	0.187705	0.742138	-1.34746	0.239035	1.30133	1.30133	0.229562	0.763917	-1.30904	0.169295	1.36722	1.36722	0.0983783	0.678962	-1.47284	2.16309	1.5631	0.64233	1
cg13643966	SPATA5	0.145436	0.62162	1.09366	1.09366	0.868417	0.970602	-1.03029	0.0107377	0.561623	-1.78056	0.576225	0.903375	-1.10696	0.790456	0.953203	-1.04909	0.0597679	0.682302	-1.46563	0.795776	0.954395	-1.04778	0.575168	0.903115	-1.10728	0.049707	0.668387	-1.49614	2.16309	1.10953	0.455946	1
cg12159995	SHANK2;SHANK2	0.145439	0.587741	0.813811	-1.22879	0.0778972	2.09057	2.09057	0.96427	1.017	1.017	0.442415	1.34286	1.34286	0.0111712	0.302102	-3.31014	0.908624	1.04416	1.04416	0.23023	1.60608	1.60608	0.956461	0.979659	-1.02076	0.989475	0.995047	-1.00498	2.16307	4.85372	1.99458	1
cg13035268	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SLC26A5	0.145446	0.0741179	4.82476	4.82476	0.0751418	4.79219	4.79219	0.93415	1.06753	1.06753	0.163006	3.24622	3.24622	0.105809	4.04298	4.04298	0.0539325	5.64178	5.64178	0.130801	3.63342	3.63342	0.0572667	5.47797	5.47797	0.0671123	5.06679	5.06679	2.16302	21.4206	8.80277	1
cg22511455	FAIM3;FAIM3;FAIM3	0.145449	0.036729	0.238623	-4.19071	0.047732	0.262701	-3.80661	0.0274167	0.214262	-4.66719	0.219222	0.466307	-2.14451	0.126643	0.376962	-2.65279	0.1525	0.404587	-2.47165	0.0976232	0.341921	-2.92465	0.258854	0.498783	-2.00488	0.3058	0.534678	-1.87028	2.163	11.9436	4.90825	1
cg24796546	SDK1	0.14545	0.0673325	1.71903	1.71903	0.172461	1.46776	1.46776	0.38346	0.789644	-1.26639	0.430076	1.2372	1.2372	0.849926	0.951175	-1.05133	0.498614	1.19905	1.19905	0.00890204	2.40986	2.40986	0.302973	1.32574	1.32574	0.502642	1.19696	1.19696	2.16299	2.39236	0.983149	1
cg20034712	ZNF836	0.145453	0.174776	0.55711	-1.79498	0.198641	0.576619	-1.73425	0.302557	0.64865	-1.54166	0.666277	0.838739	-1.19227	0.021423	0.326195	-3.06565	0.226752	0.597869	-1.67261	0.455531	1.36077	1.36077	0.0215472	0.326677	-3.06112	0.426063	0.719343	-1.39016	2.16297	5.62748	2.31265	1
cg20977411	PMVK;PMVK	0.145453	0.843326	1.04561	1.04561	0.102302	0.668289	-1.49636	0.54483	1.14814	1.14814	0.279572	0.776163	-1.28839	0.818691	0.949559	-1.05312	0.0432469	0.592073	-1.68898	0.0135683	0.502312	-1.9908	0.336576	0.799841	-1.25025	0.313288	0.790498	-1.26503	2.16297	1.74064	0.715329	1
cg00047469	POLE3;C9orf43;POLE3	0.145457	0.381313	0.890535	-1.12292	0.522363	1.08731	1.08731	0.280306	1.15592	1.15592	0.471062	1.09929	1.09929	0.323673	1.14066	1.14066	0.209141	0.842888	-1.1864	0.0146177	0.678278	-1.47432	0.551842	0.925225	-1.08082	0.270699	1.15958	1.15958	2.16294	0.571025	0.23467	1
cg13461078	LAMC3	0.145458	0.734355	0.931717	-1.07329	0.780424	1.05975	1.05975	0.147032	0.72387	-1.38146	0.0228877	1.75996	1.75996	0.431857	1.18125	1.18125	0.0466178	0.623043	-1.60503	0.466581	1.16631	1.16631	0.920188	0.979404	-1.02103	0.821832	1.04795	1.04795	2.16294	1.47706	0.60702	1
cg01912921	FOXC1	0.145461	0.767774	1.07202	1.07202	0.391547	0.8137	-1.22895	0.163164	0.704997	-1.41845	0.39503	0.814991	-1.22701	0.0545087	0.599109	-1.66915	0.595407	1.13413	1.13413	0.0455982	0.583716	-1.71316	0.385643	1.23229	1.23229	0.134839	1.46022	1.46022	2.16291	1.88934	0.776461	1
cg16396866	MCTP1	0.145461	0.299691	0.448629	-2.22901	0.138717	3.28257	3.28257	0.969873	0.972227	-1.02857	0.421964	0.542398	-1.84367	0.335827	0.477046	-2.09623	0.117416	0.281321	-3.55466	0.0118439	0.0960037	-10.4163	0.504509	0.603454	-1.65713	0.241178	0.400509	-2.49682	2.16291	19.0526	7.83004	1
cg05765798	PRPF18	0.145464	0.0527865	0.782078	-1.27864	0.319789	1.12164	1.12164	0.696884	0.957233	-1.04468	0.0384377	1.30709	1.30709	0.121815	1.20595	1.20595	0.34437	0.896953	-1.11489	0.864511	1.01925	1.01925	0.27165	1.13629	1.13629	0.997075	0.999591	-1.00041	2.16289	0.427071	0.175515	1
cg22266764	SLC39A3;SLC39A3	0.145465	0.368821	0.881554	-1.13436	0.407266	1.12275	1.12275	0.0172037	0.672686	-1.48658	0.227841	1.18874	1.18874	0.801675	0.966208	-1.03497	0.0932114	1.28688	1.28688	0.297681	1.15888	1.15888	0.945127	0.990643	-1.00945	0.566582	1.08234	1.08234	2.16289	0.639033	0.262626	1
cg07925670	ACAP1	0.145468	0.0621294	2.56537	2.56537	0.806985	0.896007	-1.11606	0.369232	1.51238	1.51238	0.152031	1.99047	1.99047	0.97992	1.01135	1.01135	0.190213	0.536686	-1.86329	0.0261427	3.26669	3.26669	0.833743	1.09888	1.09888	0.111735	2.17497	2.17497	2.16287	6.89334	2.83301	1
cg07301329	KIAA0182;KIAA0182	0.145468	0.233326	0.521948	-1.9159	0.837168	0.89846	-1.11302	0.709404	1.21503	1.21503	0.998452	1.00101	1.00101	0.114203	0.409011	-2.44492	0.157959	0.455906	-2.19343	0.00787826	0.169699	-5.89277	0.24434	0.530616	-1.8846	0.139239	0.436918	-2.28876	2.16286	9.27353	3.81122	1
cg18744234	FANCE	0.145469	0.179516	0.570561	-1.75266	0.195715	0.583589	-1.71354	0.655422	0.837964	-1.19337	0.80964	1.09964	1.09964	0.0870214	2.10394	2.10394	0.454284	1.34987	1.34987	0.0645195	0.441601	-2.26449	0.0782961	2.15944	2.15944	0.920197	1.04023	1.04023	2.16285	5.30655	2.18089	1
cg09147213	HOMER1	0.145475	0.0481567	0.660754	-1.51342	0.0282623	0.621741	-1.60839	0.368966	0.844253	-1.18448	0.139982	0.747246	-1.33825	0.730707	1.06545	1.06545	0.44078	0.865679	-1.15516	0.0565081	0.672904	-1.4861	0.461196	1.14757	1.14757	0.286293	0.816135	-1.22529	2.16281	1.15319	0.473948	1
cg17847344	EBF1	0.145476	0.100694	0.692436	-1.44418	0.0744097	1.5013	1.5013	0.324214	1.23136	1.23136	0.178483	1.33939	1.33939	0.662176	0.91405	-1.09403	0.489578	0.866333	-1.15429	0.154693	0.732439	-1.3653	0.668	1.09221	1.09221	0.0989133	1.4475	1.4475	2.16281	1.43137	0.588276	1
cg15146720	GALNT11	0.14548	0.737045	0.962268	-1.03921	0.136734	1.20077	1.20077	0.22025	1.15848	1.15848	0.538438	1.07368	1.07368	0.675132	1.04929	1.04929	0.346622	1.11697	1.11697	0.0199667	0.725762	-1.37786	0.24664	0.870861	-1.14829	0.278215	0.879246	-1.13734	2.16278	0.446202	0.183386	1
cg07005770	INTS1	0.145481	0.233238	0.509796	-1.96157	0.077338	0.346973	-2.88207	0.14175	0.426724	-2.34344	0.543328	0.717757	-1.39323	0.076661	0.345947	-2.89061	0.0447762	0.28888	-3.46164	0.0232994	0.231905	-4.31211	0.210522	0.491039	-2.0365	0.098926	0.377108	-2.65176	2.16277	9.95321	4.09072	1
cg04494750	POP7	0.145484	0.293928	0.586704	-1.70444	0.248271	0.55367	-1.80613	0.42448	1.49111	1.49111	0.508831	0.720164	-1.38857	0.0818143	0.388838	-2.57176	0.0787255	0.38428	-2.60227	0.0236579	0.26627	-3.75559	0.0646145	0.361779	-2.76412	0.966247	1.02094	1.02094	2.16275	8.21798	3.37758	1
cg17861150	RERE;RERE;RERE	0.145487	0.483185	1.18009	1.18009	0.222006	1.34748	1.34748	0.143018	1.44161	1.44161	0.610326	0.887431	-1.12685	0.579418	1.13893	1.13893	0.820068	0.948438	-1.05437	0.0253469	1.85461	1.85461	0.997034	0.999137	-1.00086	0.0163988	1.97703	1.97703	2.16273	1.8494	0.760112	1
cg06952310	NCAN	0.145487	0.349115	0.601667	-1.66205	0.0328567	3.72713	3.72713	0.151839	2.24623	2.24623	0.882738	1.0809	1.0809	0.144483	0.437703	-2.28466	0.176707	2.13175	2.13175	0.728749	0.832352	-1.20142	0.313966	1.73134	1.73134	0.234972	0.518859	-1.92731	2.16273	9.51614	3.91117	1
cg09032010	RP5-1022P6.2	0.145491	0.99226	0.998062	-1.00194	0.942006	1.01466	1.01466	0.28262	1.25014	1.25014	0.677124	0.919674	-1.08734	0.330367	0.818033	-1.22245	0.386651	1.19418	1.19418	0.00649119	0.492876	-2.02891	0.214965	0.770263	-1.29826	0.637572	0.909474	-1.09954	2.1627	1.36966	0.562943	1
cg18944752	RGS12;RGS12;RGS12	0.145491	0.583141	0.801733	-1.2473	0.939979	0.970422	-1.03048	0.167572	0.556275	-1.79767	0.0324308	0.368456	-2.71403	0.51355	1.30234	1.30234	0.6817	1.17871	1.17871	0.040533	2.56795	2.56795	0.491491	1.32126	1.32126	0.301139	0.652365	-1.53288	2.1627	5.44496	2.23793	1
cg20869844	RAB19	0.145494	0.831657	0.930156	-1.07509	0.0897921	1.88902	1.88902	0.0646283	0.493644	-2.02575	0.628872	1.18015	1.18015	0.348517	1.38855	1.38855	0.178474	1.62613	1.62613	0.151357	1.6869	1.6869	0.121002	0.564468	-1.77158	0.391531	1.34795	1.34795	2.16268	3.96222	1.62852	1
cg05469396	FURIN	0.145497	0.672339	1.42503	1.42503	0.00672392	18.6546	18.6546	0.0555659	6.088	6.088	0.920342	1.08685	1.08685	0.437596	0.517225	-1.93339	0.835951	0.841441	-1.18844	0.894397	0.895319	-1.11692	0.496692	1.77638	1.77638	0.735615	1.32601	1.32601	2.16266	23.7435	9.75896	1
cg12649455	NKAIN4	0.145497	0.961381	1.02392	1.02392	0.157257	2.09237	2.09237	0.326943	1.63884	1.63884	0.910081	0.946347	-1.05669	0.58733	0.765309	-1.30666	0.605499	0.775437	-1.2896	0.0277678	3.55964	3.55964	0.0296636	3.48864	3.48864	0.340945	0.619394	-1.61448	2.16266	8.16093	3.35428	1
cg00485380	CBX3;CBX3;HNRNPA2B1;HNRNPA2B1	0.145502	0.355803	1.13192	1.13192	0.137696	1.23189	1.23189	0.123428	0.804366	-1.24322	0.434639	1.1096	1.1096	0.154816	1.21976	1.21976	0.806236	0.968448	-1.03258	0.0449697	0.74069	-1.35009	0.926713	1.01207	1.01207	0.167034	1.21189	1.21189	2.16262	0.582938	0.239601	1
cg24243265	GSDMC	0.145504	0.849908	1.05179	1.05179	0.0992665	0.617778	-1.6187	0.249004	0.725311	-1.37872	0.690552	0.898834	-1.11255	0.13906	0.654175	-1.52864	0.61295	0.872874	-1.14564	0.222208	1.40767	1.40767	0.705804	0.903859	-1.10637	0.0110006	0.427303	-2.34026	2.16261	2.43322	1.00012	1
cg00807342	VHL;VHL	0.145504	0.460634	1.13971	1.13971	0.436012	0.870788	-1.14839	0.83282	0.963867	-1.03749	0.998043	0.999573	-1.00043	0.586001	0.908693	-1.10048	0.148746	1.30948	1.30948	0.00580688	1.8758	1.8758	0.54601	1.11224	1.11224	0.646056	0.922648	-1.08384	2.16261	1.0382	0.426727	1
cg24531638	OSCP1;OSCP1	0.145505	0.280367	0.867317	-1.15298	0.243327	1.16751	1.16751	0.481768	1.09495	1.09495	0.491502	1.09269	1.09269	0.140389	1.22288	1.22288	0.457636	0.908508	-1.10071	0.0188301	0.696996	-1.43473	0.893486	0.983149	-1.01714	0.238498	1.16955	1.16955	2.16261	0.551205	0.22656	1
cg11078683	LHX1	0.145509	0.400578	0.561811	-1.77996	0.519503	1.54654	1.54654	?	?	?	0.0948698	0.282832	-3.53567	0.0488898	4.80825	4.80825	0.226448	2.36085	2.36085	?	?	?	0.159548	2.78239	2.78239	0.800668	0.845151	-1.18322	2.46864	12.7882	4.44021	1
cg23369685	ARID4B;ARID4B	0.14551	0.15026	0.460073	-2.17357	0.930196	0.95685	-1.0451	0.335734	0.606689	-1.64829	0.755606	0.854542	-1.17022	0.0126558	0.210063	-4.76048	0.114228	0.421066	-2.37492	0.0497053	0.323978	-3.08663	0.503595	1.40736	1.40736	0.436233	0.670399	-1.49165	2.16257	8.68095	3.56817	1
cg24699699	EVI5	0.145513	0.256202	1.54044	1.54044	0.0321521	0.400565	-2.49647	0.121982	0.542758	-1.84244	0.0919487	0.508479	-1.96665	0.317027	0.685858	-1.45803	0.587111	1.22126	1.22126	0.575885	1.2288	1.2288	0.262857	1.53045	1.53045	0.791671	1.10132	1.10132	2.16255	4.55187	1.87099	1
cg06066700	FAM124B;FAM124B	0.145517	0.554527	0.774522	-1.29112	0.0680784	0.41757	-2.39481	0.102067	0.465412	-2.14863	0.0833742	0.440782	-2.26869	0.0720415	0.423912	-2.35898	0.442175	1.39786	1.39786	0.103164	0.466758	-2.14244	0.867344	0.93104	-1.07407	0.0532228	0.391126	-2.55672	2.16252	6.25689	2.57185	1
cg16571786	RNF157	0.145518	0.421649	1.44019	1.44019	0.879474	1.06975	1.06975	0.17009	0.522401	-1.91424	0.843378	1.09188	1.09188	0.0129423	0.253891	-3.9387	0.313862	1.58862	1.58862	0.786082	1.1285	1.1285	0.17437	1.90039	1.90039	0.375965	1.49744	1.49744	2.16251	6.76313	2.77994	1
cg20885569	4-Mar	0.145518	0.434657	1.26076	1.26076	0.292617	0.727463	-1.37464	0.0211365	0.437169	-2.28745	0.0440513	0.503911	-1.98448	0.823188	1.06702	1.06702	0.227589	0.690868	-1.44745	0.219822	0.686058	-1.4576	0.499124	1.22053	1.22053	0.662053	1.13607	1.13607	2.27565	2.96304	1.01272	1
cg05922392	TRIM41;TRIM41	0.14552	0.110175	0.818439	-1.22184	0.083973	0.80248	-1.24614	0.425382	0.910579	-1.0982	0.339731	0.892943	-1.11989	0.436859	0.912765	-1.09557	0.668718	0.951669	-1.05079	0.0260638	0.737938	-1.35513	0.262328	1.14396	1.14396	0.226746	1.15726	1.15726	2.1625	0.453567	0.186438	1
cg01398168	C19orf18	0.145521	0.630937	0.939013	-1.06495	0.136897	0.811961	-1.23159	0.28901	0.866681	-1.15383	0.654761	1.06026	1.06026	0.0277634	0.71308	-1.40237	0.984011	1.00261	1.00261	0.0447312	1.34925	1.34925	0.312167	0.872913	-1.14559	0.972824	0.995581	-1.00444	2.16249	0.578824	0.237925	1
cg02307823	PTEN	0.145521	0.0795963	0.396829	-2.51998	0.284533	0.58973	-1.69569	0.274077	0.582382	-1.71709	0.671063	0.816337	-1.22498	0.0589804	0.363133	-2.75381	0.786188	1.13787	1.13787	0.539783	0.744623	-1.34296	0.235874	1.80413	1.80413	0.0221828	0.27184	-3.67864	2.16249	7.72845	3.17677	1
cg18336365	BCR;BCR	0.145521	0.431439	0.648777	-1.54136	0.562067	1.37145	1.37145	0.0760745	2.8969	2.8969	0.977457	1.01534	1.01534	0.102331	0.381618	-2.62042	0.723727	0.825933	-1.21075	0.0318511	0.25784	-3.87837	0.41642	1.56445	1.56445	0.195232	0.477976	-2.09215	2.16249	9.94415	4.08754	1
cg09578155	LRP5	0.145527	0.181364	0.545454	-1.83334	0.0108628	0.255064	-3.92058	0.0470386	0.378713	-2.64053	0.566511	0.780741	-1.28084	0.388761	0.685693	-1.45838	0.117447	0.483653	-2.0676	0.131846	0.499171	-2.00332	0.115639	0.481617	-2.07634	0.514162	0.753815	-1.32658	2.16245	6.24986	2.56905	1
cg26459683	PIAS1	0.145532	0.0394557	0.39802	-2.51244	0.774035	0.894649	-1.11776	0.902009	0.953481	-1.04879	0.578688	0.804985	-1.24226	0.0958841	0.492989	-2.02844	0.425564	0.730029	-1.36981	0.0161705	0.320507	-3.12006	0.957083	1.02103	1.02103	0.308975	1.5026	1.5026	2.16242	5.12211	2.10551	1
cg08815261	GAN	0.145535	0.101455	0.598279	-1.67146	0.141692	0.63594	-1.57247	0.0998212	0.596525	-1.67638	0.70703	0.897482	-1.11423	0.0463693	0.520129	-1.9226	0.854313	1.05407	1.05407	0.223443	0.693209	-1.44257	0.138883	0.633592	-1.5783	0.0205818	0.449768	-2.22337	2.16239	2.81045	1.15528	1
cg01412321	ANLN;KIAA0895	0.145541	0.591617	0.953353	-1.04893	0.0418552	0.813112	-1.22984	0.413459	0.928906	-1.07653	0.922586	0.991463	-1.00861	0.199096	1.12714	1.12714	0.243251	1.11372	1.11372	0.538842	0.946594	-1.05642	0.188138	1.1309	1.1309	0.0615392	1.20414	1.20414	2.16235	0.266452	0.109532	1
cg05081263	CARKD	0.145541	0.968863	1.02357	1.02357	0.0538666	3.69347	3.69347	0.824774	1.14153	1.14153	0.768477	0.838446	-1.19268	0.218401	0.461725	-2.16579	0.21333	0.457368	-2.18642	0.0185166	0.181789	-5.5009	0.622477	1.34478	1.34478	0.542073	0.691837	-1.44543	2.16235	12.203	5.01636	1
cg09091273	PCGF3	0.145543	0.92932	0.975121	-1.02551	0.0312211	2.05008	2.05008	0.383462	0.775852	-1.28891	0.938918	1.022	1.022	0.314787	0.744385	-1.34339	0.353232	0.762417	-1.31162	0.0271865	0.475956	-2.10103	0.499678	1.2148	1.2148	0.511607	0.827748	-1.2081	2.16233	2.76185	1.13534	1
cg04031134	SMURF1;SMURF1	0.145544	0.619679	1.1318	1.1318	0.130846	1.49737	1.49737	0.488331	0.840115	-1.19031	0.710975	0.912008	-1.09648	0.04717	0.570036	-1.75428	0.0670165	0.601668	-1.66205	0.0556906	0.584769	-1.71008	0.717441	0.913992	-1.0941	0.25434	0.74487	-1.34252	2.16233	2.09724	0.862133	1
cg10956480	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.145548	0.777244	0.952013	-1.05041	0.903918	0.97928	-1.02116	0.240346	0.808048	-1.23755	0.688825	0.932588	-1.07228	0.873458	0.972744	-1.02802	0.0764023	0.710509	-1.40744	0.0114966	1.73001	1.73001	0.846014	0.966852	-1.03428	0.398324	1.16175	1.16175	2.1623	1.02943	0.423184	1
cg22976313	TMEM179	0.145548	0.227454	0.539913	-1.85215	0.55088	1.34118	1.34118	0.105193	2.366	2.366	0.283262	1.72001	1.72001	?	?	?	0.520014	0.728161	-1.37332	0.0199444	0.254994	-3.92166	0.782908	1.1438	1.1438	0.748196	0.854977	-1.16962	2.18009	7.26282	3.33143	1
cg26341935	LIMA1;LIMA1	0.14555	0.860226	1.03757	1.03757	0.27725	1.26677	1.26677	0.465135	1.16831	1.16831	0.0480839	0.623256	-1.60448	0.0439025	0.615932	-1.62356	0.317478	0.805541	-1.2414	0.110245	0.694715	-1.43944	0.646244	0.907818	-1.10154	0.319433	1.24025	1.24025	2.16229	1.49969	0.616502	1
cg23071791	TCP10	0.145551	0.304392	0.67008	-1.49236	0.152187	1.78129	1.78129	0.036708	0.401102	-2.49313	0.0787547	0.479578	-2.08517	0.222884	0.617485	-1.61947	0.698933	0.863912	-1.15753	0.16775	0.574979	-1.73919	0.305842	0.67094	-1.49045	0.0786421	0.479416	-2.08587	2.16228	4.85184	1.99453	1
cg18834039	APCDD1L	0.145552	0.0748536	0.670333	-1.4918	0.273649	1.25817	1.25817	0.229152	1.28969	1.28969	0.294811	1.24488	1.24488	0.187723	1.32504	1.32504	0.306003	0.807617	-1.23821	0.0704321	1.50326	1.50326	0.766035	0.941615	-1.06201	0.128295	1.39295	1.39295	2.16227	1.3918	0.572157	1
cg07691200	BRIX1;RAD1;RAD1	0.145553	?	?	?	0.0549455	1.92275	1.92275	0.84324	1.06127	1.06127	0.0133945	2.50923	2.50923	0.409746	1.28817	1.28817	0.565246	0.83978	-1.19079	0.901446	1.03791	1.03791	0.844939	0.94288	-1.06058	0.137529	1.61671	1.61671	2.18006	2.76901	1.27015	1
cg13023133	SACS	0.145553	0.546292	1.07104	1.07104	0.79756	0.971523	-1.02931	0.870269	0.981797	-1.01854	0.966264	1.00476	1.00476	0.336532	1.11781	1.11781	0.0466461	1.29183	1.29183	0.0168189	0.720449	-1.38802	0.300002	0.886283	-1.12831	0.657575	0.951095	-1.05142	2.16227	0.432617	0.177845	1
cg10888111	PXDN	0.145553	0.481164	0.885504	-1.1293	0.196775	0.793137	-1.26082	0.322121	0.840551	-1.1897	0.390817	0.861293	-1.16104	0.0182562	0.614738	-1.62671	0.0738241	0.712908	-1.40271	0.366975	1.17045	1.17045	0.266762	1.21713	1.21713	0.26097	0.819473	-1.2203	2.16226	0.987624	0.406004	1
cg27123423	FLJ32065	0.145554	0.257708	0.734377	-1.3617	0.76804	0.925603	-1.08038	0.759397	0.922841	-1.08361	0.406967	1.24824	1.24824	0.441201	1.22788	1.22788	0.851783	1.05011	1.05011	0.0209091	0.483608	-2.06779	0.902338	0.968421	-1.03261	0.0381174	1.87439	1.87439	2.16226	2.33983	0.961886	1
cg02717656	GALNS	0.145556	0.155202	1.52073	1.52073	0.0688339	0.570533	-1.75275	0.0484897	0.5373	-1.86116	0.390425	0.784644	-1.27446	0.696939	1.11389	1.11389	0.765463	1.08594	1.08594	0.169096	1.49743	1.49743	0.221221	0.701611	-1.42529	0.367299	0.774743	-1.29075	2.16224	2.60083	1.06919	1
cg10350957	FAT3	0.145558	0.923999	1.02105	1.02105	0.24266	1.30589	1.30589	0.214538	1.33004	1.33004	0.382537	0.822448	-1.21588	0.165124	1.38152	1.38152	0.769525	1.06623	1.06623	0.0082745	2.08968	2.08968	0.579856	0.8851	-1.12982	0.58785	0.887419	-1.12686	2.16223	1.63155	0.670726	1
cg04666911	LSP1	0.145559	0.057982	0.395253	-2.53002	0.286977	0.619473	-1.61427	0.0664057	0.409965	-2.43924	0.105703	0.465118	-2.14999	0.0299162	0.330733	-3.02359	0.323564	0.643003	-1.5552	0.277697	0.613274	-1.63059	0.0459246	0.371229	-2.69376	0.10517	0.464473	-2.15298	2.16222	6.42435	2.64105	1
cg12636607	FYN	0.145565	0.751253	0.865169	-1.15584	0.0946805	0.433215	-2.30832	0.535459	1.33083	1.33083	0.368851	0.656826	-1.52247	0.0108416	0.232902	-4.29364	0.862216	1.08233	1.08233	0.1713	1.94128	1.94128	0.876383	0.93156	-1.07347	0.406244	0.679123	-1.47249	2.16218	7.1026	2.91993	1
cg21653464	MPV17	0.145566	0.931732	1.02127	1.02127	0.619794	1.1307	1.1307	0.304904	0.770332	-1.29814	0.00345297	0.377112	-2.65173	0.86851	0.960124	-1.04153	0.747731	0.923804	-1.08248	0.239316	0.738866	-1.35342	0.825466	0.947203	-1.05574	0.678998	0.902846	-1.10761	2.16217	2.06553	0.84916	1
cg02700328	EPHA4	0.145572	0.699051	0.796732	-1.25513	0.0363024	0.240818	-4.15251	0.322943	0.550349	-1.81703	0.95088	1.03669	1.03669	0.0162308	0.179131	-5.58252	0.567831	1.40177	1.40177	0.339016	1.77973	1.77973	0.584083	1.38178	1.38178	0.401626	0.605239	-1.65224	2.16214	11.7164	4.81682	1
cg20878190	ACBD4;PLCD3	0.145576	0.502855	1.12154	1.12154	0.334919	0.845567	-1.18264	0.48478	0.887133	-1.12723	0.596884	0.913897	-1.09422	0.112062	1.33894	1.33894	0.42974	1.14565	1.14565	0.0207641	0.625268	-1.59932	0.758303	1.05344	1.05344	0.126905	1.32115	1.32115	2.16211	0.974416	0.400604	1
cg13187849	GBP2	0.145576	0.807842	0.887378	-1.12692	0.16525	0.483938	-2.06638	0.287467	0.581835	-1.7187	0.124312	2.26153	2.26153	0.0527587	0.339721	-2.94359	0.0902458	0.400324	-2.49798	0.77123	0.866783	-1.15369	0.85121	1.09645	1.09645	0.051155	0.336543	-2.97139	2.1621	8.23376	3.38508	1
cg11824582	SYNE1;SYNE1;SYNE1;SYNE1	0.145578	0.576663	0.811666	-1.23203	0.818627	1.0887	1.0887	0.990846	1.00425	1.00425	0.661358	1.17713	1.17713	0.00464796	0.248373	-4.0262	0.735896	0.882276	-1.13343	0.473351	1.30973	1.30973	0.62896	0.835154	-1.19738	0.149831	0.564825	-1.77046	2.16209	4.68731	1.92707	1
cg11383944	C2CD4A	0.145579	0.243974	0.768178	-1.30178	0.960709	0.989398	-1.01072	0.612893	0.895491	-1.11671	0.325747	0.802896	-1.24549	0.258917	0.775045	-1.29025	0.245665	0.768969	-1.30044	0.0103428	0.497152	-2.01146	0.188007	1.35233	1.35233	0.447536	1.18232	1.18232	2.16209	1.60285	0.658974	1
cg06324192	PLEKHN1;PLEKHN1	0.145581	0.101956	0.498975	-2.00411	0.662617	0.843248	-1.18589	0.0877723	0.481033	-2.07886	0.813616	0.91236	-1.09606	0.0890614	0.482745	-2.07149	0.124315	0.52399	-1.90843	0.628448	0.827478	-1.20849	0.0110461	0.290012	-3.44813	0.160869	0.55898	-1.78897	2.16207	5.16442	2.12324	1
cg13253660	ZNF845	0.145581	0.0187623	1.45909	1.45909	0.954271	1.00764	1.00764	0.989272	1.00179	1.00179	0.732207	1.04662	1.04662	0.534888	0.920004	-1.08695	0.848561	1.02569	1.02569	0.806148	0.967907	-1.03316	0.0260171	0.704339	-1.41977	0.386851	1.12489	1.12489	2.16207	0.602702	0.247788	1
cg25578781	ETS1	0.14559	0.118672	0.390201	-2.56278	0.623687	1.3162	1.3162	0.933918	1.04715	1.04715	0.0578488	0.303763	-3.29204	0.168531	0.442543	-2.25967	0.236259	0.501802	-1.99282	0.415922	1.58721	1.58721	0.0224569	0.218888	-4.56854	0.249837	0.512639	-1.95069	2.16201	10.5704	4.34591	1
cg20081244	NPB	0.14559	0.264527	0.826333	-1.21017	0.315686	1.18551	1.18551	0.993183	1.0014	1.0014	0.438467	1.13841	1.13841	0.10876	1.33233	1.33233	0.610347	1.08795	1.08795	0.0762058	0.72353	-1.38211	0.0726126	0.719961	-1.38896	0.166133	1.27407	1.27407	2.162	0.921313	0.378789	1
cg06025036	HCCA2	0.145594	0.0530557	0.16757	-5.96764	0.403381	0.499137	-2.00346	0.845642	1.17162	1.17162	0.139648	0.274811	-3.63887	0.0714568	0.194787	-5.13381	0.242996	0.370522	-2.6989	0.0190629	0.0996577	-10.0343	0.108321	0.240853	-4.15191	0.170102	0.305018	-3.2785	2.16198	22.6117	9.29671	1
cg02353916	LOC285550	0.145595	0.183845	0.574151	-1.7417	0.568834	0.797218	-1.25436	0.0148209	0.30734	-3.25373	0.0291992	0.363752	-2.74912	0.805839	1.10177	1.10177	0.594961	0.809632	-1.23513	0.683522	1.17504	1.17504	0.537216	1.27875	1.27875	0.323834	0.669646	-1.49333	2.16197	5.30307	2.18035	1
cg20345923	MYT1L	0.145596	0.288697	1.49974	1.49974	0.085772	2.01122	2.01122	0.0214729	2.76362	2.76362	0.738448	1.13124	1.13124	0.391615	0.723987	-1.38124	0.646307	1.18534	1.18534	0.0322221	2.51675	2.51675	0.779267	0.901772	-1.10893	0.359641	1.41422	1.41422	2.16196	4.63646	1.90628	1
cg05053688	S1PR1	0.145598	0.492587	0.867464	-1.15278	0.00605336	2.07797	2.07797	0.218874	1.30189	1.30189	0.943994	1.01444	1.01444	0.834262	1.04367	1.04367	0.967405	0.991698	-1.00837	0.359205	1.21208	1.21208	0.828885	1.04515	1.04515	0.0878346	1.46867	1.46867	2.16195	1.42517	0.58596	1
cg01014438	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.145599	0.133558	1.55633	1.55633	0.0298447	2.01111	2.01111	0.860329	1.04932	1.04932	0.165409	1.49843	1.49843	0.182545	1.47209	1.47209	0.730444	0.909792	-1.09915	0.600406	1.15543	1.15543	0.162298	1.50353	1.50353	0.0993383	0.610296	-1.63855	2.16194	2.55839	1.05189	1
cg22786756	PPM1A;PPM1A;PPM1A	0.1456	0.142249	0.703906	-1.42064	0.164071	0.718589	-1.39162	0.763085	0.93493	-1.0696	0.141153	0.703123	-1.42223	0.0239918	0.549197	-1.82084	0.358641	0.810519	-1.23378	0.118243	1.45862	1.45862	0.467277	0.848212	-1.17895	0.163545	0.718252	-1.39227	2.16193	1.69606	0.697344	1
cg17419815	C12orf71	0.145602	0.15679	0.642099	-1.55739	0.920361	0.97117	-1.02969	0.256703	0.707303	-1.41382	0.0504749	0.520956	-1.91955	0.660659	0.878775	-1.13795	0.0652106	0.545789	-1.83221	0.119317	1.63962	1.63962	0.949202	0.981535	-1.01881	0.0763161	0.561668	-1.78041	2.16192	2.92989	1.20465	1
cg02803047	SNAR-B1;SNAR-B2	0.145603	0.174404	0.601377	-1.66285	0.141779	0.573472	-1.74376	0.0941598	0.523218	-1.91125	0.165596	0.594216	-1.68289	0.0192606	0.369151	-2.70892	0.218543	0.634111	-1.57701	0.0495545	0.454445	-2.20048	0.134318	0.566485	-1.76527	0.0862908	0.513219	-1.94849	2.16191	4.24223	1.74423	1
cg03867871	EXOSC2	0.145604	0.199211	0.780835	-1.28068	0.191773	1.28663	1.28663	0.131373	1.34589	1.34589	0.175874	0.769144	-1.30015	0.200101	1.27998	1.27998	0.981954	1.00413	1.00413	0.0390098	0.646787	-1.54611	0.853892	0.966938	-1.03419	0.528212	1.12361	1.12361	2.16191	1.13886	0.468252	1
cg16779811	ERICH1	0.145606	0.101348	0.398885	-2.50699	0.0165817	0.223302	-4.47824	0.0381952	0.292054	-3.42403	0.700279	0.820229	-1.21917	0.0623245	0.341305	-2.92993	0.260325	0.547971	-1.82491	0.149609	0.453151	-2.20677	0.3307	0.597962	-1.67235	0.541742	0.728722	-1.37227	2.16189	8.9876	3.69537	1
cg11133226	MGLL;MGLL	0.145617	0.183766	0.56147	-1.78104	0.686857	1.18042	1.18042	0.687796	1.1798	1.1798	0.884836	1.06111	1.06111	0.0562029	0.412678	-2.4232	0.261025	0.618913	-1.61573	0.0178879	0.307898	-3.24782	0.070628	0.437398	-2.28624	0.898611	0.949162	-1.05356	2.16181	5.73586	2.35846	1
cg17191715	CA1;CA1;CA1;CA1	0.145619	0.420719	0.841332	-1.18859	0.507042	0.868163	-1.15186	0.115004	0.697712	-1.43326	0.351939	0.817754	-1.22286	0.0143593	0.530515	-1.88496	0.651925	0.909034	-1.10007	0.254305	0.778794	-1.28404	0.134717	0.712693	-1.40313	0.0199649	0.554402	-1.80374	2.1618	1.51034	0.621023	1
cg13456653	DNAJB6;DNAJB6	0.14562	0.569405	0.931884	-1.07309	0.0917701	0.796309	-1.25579	0.198747	0.846521	-1.18131	0.0234106	1.39412	1.39412	0.627963	0.941846	-1.06174	0.344891	1.12678	1.12678	0.187437	1.18698	1.18698	0.573965	0.932676	-1.07218	0.851365	0.977249	-1.02328	2.1618	0.515388	0.211918	1
cg19350375	LCOR;LCOR;LCOR	0.14562	0.0237561	0.26023	-3.84276	0.638152	0.789567	-1.26652	0.816318	1.12306	1.12306	0.315175	1.67874	1.67874	0.934758	0.959986	-1.04168	0.0251463	0.264905	-3.77494	0.85492	1.09559	1.09559	0.405771	1.52844	1.52844	0.295209	0.581899	-1.71851	2.1618	8.51809	3.50247	1
cg16475705	UNC5C	0.145621	0.676518	0.940741	-1.06299	0.741578	1.04936	1.04936	0.106013	1.29308	1.29308	0.204572	0.822917	-1.21519	0.296263	0.854128	-1.17078	0.177432	1.23206	1.23206	0.183478	0.814271	-1.22809	0.262382	1.18547	1.18547	0.0528754	0.725897	-1.37761	2.16178	0.725714	0.298401	1
cg02680909	MOCS1;MOCS1	0.145622	0.0144159	0.428368	-2.33444	0.743701	0.911893	-1.09662	0.632526	0.873337	-1.14503	0.51455	0.830436	-1.20419	0.745012	0.912342	-1.09608	0.208897	1.4512	1.4512	0.171402	1.50586	1.50586	0.512946	0.82983	-1.20507	0.0983534	0.600719	-1.66467	2.16178	2.70585	1.1126	1
cg17587023	AVPR1B	0.145631	0.980854	1.00727	1.00727	0.0662081	1.86192	1.86192	0.366627	1.32286	1.32286	0.17194	0.644903	-1.55062	0.15131	1.59018	1.59018	0.667937	1.13904	1.13904	0.0721253	0.545793	-1.8322	0.591425	0.849199	-1.17758	0.150671	0.628339	-1.5915	2.16172	3.1157	1.28116	1
cg01838443	HSPA13	0.145633	0.0693075	0.327561	-3.05287	0.0923046	0.361456	-2.76659	0.629781	0.765851	-1.30574	0.632497	0.767497	-1.30294	0.0370479	0.264511	-3.78056	0.240484	0.509176	-1.96396	0.0135252	0.186602	-5.35901	0.363829	0.598965	-1.66955	0.406355	0.627165	-1.59448	2.1617	10.3278	4.24678	1
cg10959711	S100A6	0.145633	0.209314	0.517258	-1.93327	0.182851	0.494526	-2.02214	0.265309	0.560852	-1.783	0.377268	0.636779	-1.5704	0.0608937	0.34909	-2.86459	0.130793	0.443609	-2.25424	0.00680625	0.174347	-5.7357	0.31432	0.595492	-1.67928	0.28102	0.57225	-1.74749	2.1617	8.49631	3.49367	1
cg22040627	SLC13A5;SLC13A5	0.145636	0.0869347	21.6895	21.6895	0.0618647	30.6445	30.6445	0.186725	9.757	9.757	0.0830433	22.7269	22.7269	0.274119	6.37361	6.37361	0.10705	17.5205	17.5205	0.540334	2.74264	2.74264	0.0134629	145.424	145.424	0.344554	4.87734	4.87734	2.16168	90.6929	37.2931	1
cg05822179	GLRX2;GLRX2	0.145637	0.161924	0.774733	-1.29077	0.913897	1.01866	1.01866	0.77722	0.952676	-1.04967	0.935195	0.986198	-1.014	0.433431	1.14638	1.14638	0.10507	0.738828	-1.35349	0.223329	1.24442	1.24442	0.152415	1.2995	1.2995	0.0278227	1.55945	1.55945	2.16168	0.999994	0.411201	1
cg10486998	GALR1	0.145651	0.697959	0.916429	-1.09119	0.710848	1.0869	1.0869	0.432971	1.1961	1.1961	0.00481981	0.433055	-2.30918	0.840701	0.955963	-1.04607	0.833455	1.04825	1.04825	0.518234	0.863659	-1.15786	0.264182	0.770705	-1.29751	0.462156	1.18235	1.18235	2.16158	1.71446	0.705023	1
cg26701826	SGMS2;SGMS2;SGMS2;SGMS2	0.145651	0.475965	1.3601	1.3601	0.667163	0.832287	-1.20151	0.357726	0.669429	-1.49381	0.822777	1.09986	1.09986	0.00613929	0.219335	-4.55923	0.941841	0.969515	-1.03144	0.579021	0.788356	-1.26846	0.651364	1.2129	1.2129	0.0889302	0.451083	-2.21689	2.16158	6.16387	2.53472	1
cg01561259	RPTOR;RPTOR	0.145651	0.0875228	0.0830102	-12.0467	0.26316	0.214548	-4.66097	0.798659	0.713715	-1.40112	0.0966833	0.0901561	-11.0919	0.0311793	0.0355578	-28.1233	0.053798	0.0556247	-17.9776	0.0392989	0.0430036	-23.2539	0.142652	0.125034	-7.99783	0.423061	0.339703	-2.94375	2.16158	59.603	24.5101	1
cg19281794	BTLA;BTLA	0.145653	0.523902	0.788584	-1.2681	0.0770526	2.06048	2.06048	0.0268818	0.38138	-2.62206	0.153921	0.570451	-1.753	0.318352	0.684372	-1.46119	0.665613	0.852236	-1.17338	0.70169	0.868033	-1.15203	0.46926	1.31094	1.31094	0.124462	0.542441	-1.84352	2.16156	4.62927	1.90367	1
cg05520155	ROBO1	0.145655	0.757417	1.03842	1.03842	0.176174	0.839481	-1.19121	0.216078	0.853513	-1.17163	0.437454	0.908125	-1.10117	0.204368	0.849625	-1.17699	0.241909	1.1607	1.1607	0.0340635	1.35116	1.35116	0.634027	1.06009	1.06009	0.139017	0.823865	-1.21379	2.16155	0.506786	0.208404	1
cg23264547	EXT2;EXT2	0.145657	0.0287019	0.135541	-7.37783	0.0429551	0.164632	-6.07415	0.198293	0.348903	-2.86613	0.233738	0.380272	-2.62969	0.0249825	0.12672	-7.89144	0.158449	0.311112	-3.21428	0.221735	0.369841	-2.70387	0.162409	0.315019	-3.17441	0.458671	0.557443	-1.7939	2.16154	20.534	8.44422	1
cg00803453	SPEG	0.145657	0.213804	0.270929	-3.69101	0.14452	4.77623	4.77623	0.664025	1.54652	1.54652	0.24661	3.34925	3.34925	0.567505	0.561847	-1.77984	0.232399	3.48821	3.48821	0.125858	5.21929	5.21929	0.140893	0.205968	-4.85512	0.0543903	8.8256	8.8256	2.16153	34.0727	14.0117	1
cg02554051	LIN7A;MIR618	0.145658	0.231227	0.255896	-3.90784	0.196938	4.3956	4.3956	0.271332	3.46566	3.46566	0.261895	0.280899	-3.56	0.535398	0.505996	-1.9763	0.50098	0.476472	-2.09876	0.0100211	0.0293557	-34.0649	0.598894	0.562097	-1.77905	0.544933	0.514277	-1.94448	2.16153	40.3274	16.5839	1
cg07841762	AP4M1	0.14566	0.277271	0.450121	-2.22162	0.646561	1.38564	1.38564	0.796538	1.20025	1.20025	0.223999	0.405583	-2.46558	0.122707	0.306817	-3.25928	0.0131933	0.114112	-8.76334	0.0412187	0.189443	-5.27864	0.771515	0.814076	-1.22839	0.315958	0.480733	-2.08016	2.16151	17.0846	7.02577	1
cg14070162	PTRF	0.145664	0.241231	0.698179	-1.4323	0.677662	1.13022	1.13022	0.572905	1.18156	1.18156	0.486063	0.812785	-1.23034	0.0252366	0.458725	-2.17996	0.334613	0.747197	-1.33834	0.0282733	0.468383	-2.135	0.0688876	0.550885	-1.81526	0.479569	0.810188	-1.23428	2.16149	2.93617	1.20747	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06485706	LAT;LAT;LAT;LAT	0.145665	0.0491265	0.391386	-2.55502	0.0410762	0.373634	-2.67642	0.0834325	0.449188	-2.22624	0.190177	0.560193	-1.7851	0.0655745	0.42185	-2.37051	0.474794	0.738184	-1.35467	0.0646795	0.420345	-2.379	0.0923646	0.461323	-2.16768	0.179965	0.551697	-1.81259	2.16148	5.97151	2.45573	1
cg23527366	ABHD14A	0.145668	0.489727	0.773952	-1.29207	0.0704823	0.47794	-2.09231	0.168658	1.70856	1.70856	0.671945	1.16831	1.16831	0.367484	0.713143	-1.40224	0.320971	0.687651	-1.45423	0.0765174	0.486972	-2.0535	0.0274662	0.385813	-2.59193	0.950246	0.977469	-1.02305	2.16146	4.56549	1.87753	1
cg17972213	S1PR1	0.145669	0.14501	1.94139	1.94139	0.178453	1.83299	1.83299	0.389179	1.4536	1.4536	0.226485	1.71303	1.71303	0.0589052	2.46995	2.46995	0.335817	1.52297	1.52297	0.00801652	4.22088	4.22088	0.109206	2.09662	2.09662	0.359603	1.49069	1.49069	2.16145	6.15005	2.52919	1
cg00491616	PHF1;PHF1;PHF1	0.14567	0.312178	0.78019	-1.28174	0.678914	0.905899	-1.10388	0.113622	1.50487	1.50487	0.223322	0.738029	-1.35496	0.756411	1.07667	1.07667	0.0660779	1.63151	1.63151	0.11115	0.662308	-1.50987	0.258401	0.755803	-1.3231	0.15136	0.694196	-1.44052	2.16145	1.92958	0.793536	1
cg22431486	BSG;BSG;BSG	0.14567	0.713828	1.07779	1.07779	0.0897173	0.683533	-1.46299	0.99537	1.00118	1.00118	0.820586	1.04729	1.04729	0.693322	1.08395	1.08395	0.0403524	0.617746	-1.61879	0.0331814	0.602639	-1.65937	0.45304	1.16821	1.16821	0.317008	1.23416	1.23416	2.16144	1.41617	0.582398	1
cg08999081	PIGU	0.145671	0.468356	1.48058	1.48058	0.199827	2.0639	2.0639	0.264138	1.86152	1.86152	0.0730212	2.94166	2.94166	0.389364	0.625195	-1.5995	0.604236	1.32016	1.32016	0.0910796	2.72455	2.72455	0.0117104	5.65038	5.65038	0.343051	1.68294	1.68294	2.27445	9.92344	3.39345	1
cg13397818	DNAI1	0.145672	0.566828	0.84386	-1.18503	0.181694	1.5155	1.5155	0.0480161	1.94023	1.94023	0.762044	0.914793	-1.09314	0.524234	0.827574	-1.20835	0.075174	1.7879	1.7879	0.150143	1.57204	1.57204	0.368316	0.762635	-1.31124	0.18762	0.663978	-1.50607	2.16143	2.94384	1.21065	1
cg17957183	UBE2N	0.145674	0.0901686	0.425918	-2.34787	0.0238239	0.291511	-3.4304	0.100071	0.438882	-2.27852	0.923048	1.04515	1.04515	0.0495841	0.359202	-2.78395	0.416036	0.683917	-1.46217	0.0892041	0.424605	-2.35513	0.732759	1.16958	1.16958	0.671401	0.822815	-1.21534	2.16142	7.15037	2.94061	1
cg03178454	KCNH2;KCNH2	0.145676	0.435379	0.614253	-1.62799	0.379969	1.73588	1.73588	0.299061	1.93305	1.93305	0.272582	2.01233	2.01233	0.0189637	0.17556	-5.69605	0.866261	1.10873	1.10873	0.0773444	0.300452	-3.32832	0.58086	1.40706	1.40706	0.434686	0.613783	-1.62924	2.1614	12.8371	5.27935	1
cg24124977	CCDC40;TBC1D16	0.145678	0.670951	1.06478	1.06478	0.0292393	1.45838	1.45838	0.0447718	1.40267	1.40267	0.929447	1.01309	1.01309	0.0761727	1.3362	1.3362	0.516984	0.908005	-1.10132	0.628116	0.930814	-1.07433	0.912911	1.0162	1.0162	0.0892958	1.3168	1.3168	2.16139	0.73857	0.303743	1
cg26386610	MOGAT1	0.145678	0.70152	0.937471	-1.0667	0.341404	0.847885	-1.1794	0.615494	1.08867	1.08867	0.471935	0.884341	-1.13079	0.583578	0.911293	-1.09734	0.632868	0.922446	-1.08407	0.16117	1.28826	1.28826	0.801626	0.958685	-1.0431	0.00816707	1.80449	1.80449	2.27439	0.989901	0.338519	1
cg24176138	FZR1;FZR1;FZR1	0.145683	0.571165	1.4765	1.4765	0.100183	3.40885	3.40885	0.478851	1.63262	1.63262	0.402683	0.55816	-1.7916	0.0142534	0.127683	-7.83189	0.24834	0.439706	-2.27425	0.246158	0.437886	-2.2837	0.773795	0.82184	-1.21678	0.517032	0.639364	-1.56405	2.16135	15.8689	6.52632	1
cg08134877	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.145688	0.0698244	2.96478	2.96478	0.0312424	3.87616	3.87616	0.149268	2.29092	2.29092	0.0896784	2.72619	2.72619	0.198903	0.483019	-2.07031	0.169686	2.19047	2.19047	0.310445	1.7552	1.7552	0.362526	1.6515	1.6515	0.417982	1.5584	1.5584	2.16132	9.83607	4.04529	1
cg19571071	GTF3C1;KIAA0556	0.145688	0.895601	1.06641	1.06641	?	?	?	0.142908	2.16223	2.16223	0.0182099	0.245627	-4.07122	0.313295	1.66655	1.66655	?	?	?	0.916073	0.949685	-1.05298	0.401698	1.52248	1.52248	0.447468	1.46107	1.46107	2.20086	6.50235	3.37653	1
cg24044776	ZNF816A	0.145689	0.628382	1.20705	1.20705	0.0743675	0.464371	-2.15345	0.0569289	0.435503	-2.29619	0.371237	1.42509	1.42509	0.0226657	0.348988	-2.86543	0.77388	0.894811	-1.11755	0.536383	1.27324	1.27324	0.383396	0.708317	-1.4118	0.434831	0.73533	-1.35993	2.16131	5.09566	2.0957	1
cg06010443	ADAMTS2;ADAMTS2	0.14569	0.794818	0.857946	-1.16557	0.41137	0.61029	-1.63856	0.143909	2.51691	2.51691	0.846149	0.892077	-1.12098	0.11917	0.370022	-2.70254	0.0812195	0.320971	-3.11554	0.0234187	0.20353	-4.91328	0.137279	0.390268	-2.56234	0.934185	0.952605	-1.04975	2.1613	11.8303	4.86551	1
cg03199926	OSBPL2;OSBPL2	0.145693	0.420253	0.528135	-1.89345	0.234283	0.38036	-2.62908	0.167462	0.319574	-3.12917	0.142655	0.294746	-3.39275	0.0177302	0.106923	-9.35253	0.128918	0.28023	-3.5685	0.0276974	0.132945	-7.52193	0.862901	0.874591	-1.14339	0.124297	0.275199	-3.63373	2.16128	20.5742	8.46175	1
cg08684580	BAIAP2L1	0.145696	0.0815226	0.262543	-3.80889	0.95621	0.962679	-1.03877	0.0215619	0.147829	-6.76458	0.721544	1.28131	1.28131	0.242811	0.428853	-2.3318	0.168894	0.362278	-2.76031	0.0398525	0.192869	-5.18487	0.859246	0.884306	-1.13083	0.127483	0.319321	-3.13164	2.16126	16.4231	6.75452	1
cg03044725	PTPRF;PTPRF	0.145697	0.892888	1.05377	1.05377	0.0401286	0.397746	-2.51416	0.0525992	0.424598	-2.35517	0.887104	1.05677	1.05677	0.0608412	0.439792	-2.2738	0.0762806	0.464552	-2.15261	0.185814	0.579647	-1.72519	0.504379	1.30129	1.30129	0.711904	0.865719	-1.15511	2.16126	5.17254	2.12738	1
cg19622597	ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20;ZBTB20	0.145698	0.933709	0.991879	-1.00819	0.74204	1.03291	1.03291	0.227707	0.883277	-1.13215	0.465483	0.929782	-1.07552	0.618227	0.951946	-1.05048	0.715287	1.03656	1.03656	0.00529762	1.43367	1.43367	0.564625	0.944524	-1.05873	0.925157	0.990832	-1.00925	2.16125	0.328863	0.135256	1
cg21875980	EGLN1	0.145698	0.176864	0.414057	-2.41512	0.0457312	0.244898	-4.08333	0.0103716	0.137655	-7.26454	0.376087	0.572378	-1.7471	0.801325	1.16751	1.16751	0.985327	0.988768	-1.01136	0.101438	0.332358	-3.0088	0.823864	0.872031	-1.14675	0.706892	0.792916	-1.26117	2.16125	12.9146	5.31159	1
cg23848052	MEGF11	0.145701	0.0388824	0.414385	-2.41321	0.333582	1.44402	1.44402	0.92838	0.967422	-1.03367	0.503978	0.778935	-1.2838	0.101886	0.517032	-1.93412	0.034605	0.403464	-2.47854	0.502147	1.28522	1.28522	0.468569	1.31217	1.31217	0.339622	0.695875	-1.43704	2.16123	4.64571	1.91073	1
cg07894717	APITD1;CORT	0.145701	0.208685	0.388324	-2.57517	0.263484	0.435188	-2.29786	0.0677862	0.232189	-4.30684	0.0703257	0.236018	-4.23697	0.0391597	0.182036	-5.49342	0.232677	0.409326	-2.44304	0.0482071	0.199607	-5.00984	0.229188	0.406323	-2.46109	0.043455	0.190634	-5.24565	2.16123	17.4364	7.1714	1
cg21757774	YWHAB;YWHAB	0.145701	0.275316	0.839143	-1.19169	0.494224	1.11324	1.11324	0.50572	0.900912	-1.10999	0.958268	1.00812	1.00812	0.0525043	1.40591	1.40591	0.0163757	1.57367	1.57367	0.278309	0.84013	-1.19029	0.747726	1.05113	1.05113	0.86837	1.02596	1.02596	2.16122	0.817323	0.336157	1
cg19127283	TRIM71	0.145703	0.50078	0.836909	-1.19487	0.805769	1.06629	1.06629	0.342409	1.29027	1.29027	0.519136	1.18562	1.18562	0.0352054	0.527768	-1.89477	0.0920039	0.61678	-1.62132	0.129507	0.652633	-1.53226	0.115135	1.56253	1.56253	0.830278	0.945611	-1.05752	2.16122	2.32334	0.955569	1
cg12827637	ZFP36L1	0.145703	0.586355	0.663365	-1.50747	0.0343985	0.158302	-6.31705	0.221814	0.383187	-2.60969	0.724554	1.30251	1.30251	0.591898	0.667477	-1.49818	0.66772	0.724258	-1.38072	0.434051	1.81537	1.81537	?	?	?	0.0399623	5.89195	5.89195	2.17898	17.118	7.85598	1
cg14608577	RASIP1	0.145703	0.193545	0.736296	-1.35815	0.0743982	0.642541	-1.55632	0.266562	0.772923	-1.29379	0.850718	0.958943	-1.04281	0.288792	0.782685	-1.27765	0.758553	1.07101	1.07101	0.0203344	1.86329	1.86329	0.629956	1.11407	1.11407	0.789574	1.06132	1.06132	2.16121	1.69474	0.697031	1
cg05593325	GALNT12	0.145704	0.0395703	0.399358	-2.50402	0.703587	0.862941	-1.15883	0.51398	1.29074	1.29074	0.508129	1.29548	1.29548	0.0206628	0.34143	-2.92886	0.369458	0.700873	-1.42679	0.0704867	0.458619	-2.18046	0.97952	0.99015	-1.00995	0.484555	0.7604	-1.3151	2.16121	5.08971	2.09336	1
cg24910739	ARL17A;ARL17A	0.145706	0.186601	1.34077	1.34077	0.330877	1.23386	1.23386	0.298501	0.797946	-1.25322	0.475802	0.859095	-1.16402	0.592104	1.11995	1.11995	0.607951	1.11447	1.11447	0.0190237	0.551761	-1.81238	0.182657	1.34475	1.34475	0.277706	1.26673	1.26673	2.16119	1.50163	0.617613	1
cg03573792	EDNRA;EDNRA;EDNRA	0.145707	0.233992	0.80654	-1.23986	0.172278	0.778527	-1.28448	0.337342	0.843284	-1.18584	0.210794	0.796749	-1.2551	0.178483	0.781661	-1.27933	0.495831	1.12656	1.12656	0.0482933	1.47531	1.47531	0.131524	1.32386	1.32386	0.905173	0.979673	-1.02075	2.16119	1.01641	0.418048	1
cg15613420	H2AFY;H2AFY;H2AFY;H2AFY	0.145707	?	?	?	0.12242	13.199	13.199	0.426995	3.45056	3.45056	0.0217709	74.8715	74.8715	0.789222	1.5038	1.5038	0.402789	3.69865	3.69865	0.127143	12.7052	12.7052	0.0255942	63.3949	63.3949	0.967733	1.06351	1.06351	2.29079	73.1553	27.9427	1
cg04983903	HLA-J;NCRNA00171	0.145711	0.402737	0.802823	-1.2456	0.0112004	2.25954	2.25954	0.963851	0.988444	-1.01169	0.152119	1.4821	1.4821	0.471712	0.828816	-1.20654	0.137114	1.50785	1.50785	0.143835	1.49596	1.49596	0.462185	1.21162	1.21162	0.613485	1.13955	1.13955	2.16116	2.25144	0.926022	1
cg22189019	FGF22	0.145711	0.209064	0.605947	-1.65031	0.109253	0.516477	-1.9362	0.883207	1.05719	1.05719	0.413121	0.728649	-1.3724	0.0703911	0.46526	-2.14933	0.496307	1.29867	1.29867	0.874386	1.06168	1.06168	0.0288824	2.65064	2.65064	0.994445	0.99737	-1.00264	2.16116	4.8995	2.01518	1
cg23791538	RNASET2	0.145713	0.729339	1.12508	1.12508	0.569707	1.21524	1.21524	0.486454	0.786677	-1.27117	0.884967	0.952068	-1.05035	0.00672145	0.303444	-3.2955	0.372663	0.733046	-1.36417	0.123843	0.568086	-1.7603	0.841329	1.07038	1.07038	0.379683	1.35768	1.35768	2.16114	3.9406	1.62079	1
cg19587667	RNF126	0.145714	0.140383	0.697856	-1.43296	0.40972	1.21073	1.21073	0.362664	0.8088	-1.2364	0.0149196	0.507131	-1.97188	0.370954	0.811909	-1.23167	0.846246	0.956924	-1.04502	0.515778	0.861177	-1.1612	0.485609	1.17434	1.17434	0.140159	1.4333	1.4333	2.16114	1.76074	0.724205	1
cg26578621	ARHGAP20;ARHGAP20	0.145717	0.393515	1.40507	1.40507	0.720055	1.15031	1.15031	0.17942	0.574146	-1.74172	0.62562	1.21085	1.21085	0.00578291	0.244897	-4.08335	0.696059	0.85834	-1.16504	0.247959	0.625023	-1.59994	0.532863	0.782096	-1.27862	0.727978	0.87296	-1.14553	2.16112	5.18199	2.1314	1
cg15173586	FAM91A1	0.145721	0.112554	0.357684	-2.79576	0.0551894	0.274254	-3.64626	0.0692858	0.298347	-3.3518	0.819131	1.14604	1.14604	0.296457	0.525045	-1.9046	0.133502	0.381659	-2.62014	0.154833	0.404058	-2.47489	0.143928	2.54564	2.54564	0.435606	0.622885	-1.60543	2.16109	12.1232	4.98648	1
cg17279359	USH1C;USH1C	0.145723	0.0531781	7.21305	7.21305	0.0838464	5.58856	5.58856	0.398304	2.17675	2.17675	0.257516	2.89449	2.89449	0.279493	2.74906	2.74906	0.385039	2.22784	2.22784	0.657413	1.494	1.494	0.0153318	14.5406	14.5406	0.0420006	8.22914	8.22914	2.16107	27.6891	11.389	1
cg06115614	GATA2;GATA2;GATA2	0.145723	0.491179	1.51271	1.51271	0.0455401	3.88579	3.88579	0.637431	1.32445	1.32445	0.887429	1.08746	1.08746	0.083183	3.11228	3.11228	0.433051	1.6057	1.6057	0.134421	0.384659	-2.59971	0.980117	0.985357	-1.01486	0.0308801	4.48338	4.48338	2.16107	11.9921	4.93258	1
cg10106965	IRAK2	0.145727	0.264929	0.573788	-1.7428	0.456389	0.69582	-1.43715	0.190249	0.515188	-1.94104	0.53361	1.3518	1.3518	0.213154	0.534291	-1.87164	0.954487	0.973081	-1.02766	0.0156134	0.242345	-4.12634	0.124792	0.45182	-2.21327	0.0387807	0.318526	-3.13946	2.16104	7.82357	3.21802	1
cg26410635	AMDHD1	0.145727	0.0178839	15.3262	15.3262	0.256087	3.07802	3.07802	0.0408768	9.37743	9.37743	0.167747	4.03252	4.03252	0.384823	2.32799	2.32799	0.152022	4.28581	4.28581	0.133695	4.63674	4.63674	0.15815	4.18256	4.18256	0.0622441	7.3199	7.3199	2.16104	30.7828	12.6617	1
cg05869119	ATP5G3;ATP5G3;ATP5G3	0.145727	0.778605	1.04226	1.04226	0.104551	0.77061	-1.29767	0.077052	0.749211	-1.33474	0.807005	0.964692	-1.0366	0.250117	0.838191	-1.19305	0.0430753	0.710455	-1.40755	0.0160373	0.648632	-1.54171	0.666314	0.938272	-1.06579	0.851428	0.972838	-1.02792	2.16104	0.738246	0.303659	1
cg03842737	MAVS	0.145728	0.294255	0.673491	-1.4848	0.309261	1.46572	1.46572	0.51803	0.788111	-1.26886	0.217394	1.60246	1.60246	0.853658	1.06939	1.06939	0.0973467	0.516304	-1.93684	0.0282529	0.390159	-2.56306	0.558076	1.24014	1.24014	0.118417	0.540124	-1.85143	2.16103	4.51884	1.85872	1
cg13668025	SUCLG2	0.14573	0.0396664	0.715154	-1.3983	0.154464	0.806697	-1.23962	0.243758	0.842079	-1.18754	0.085766	0.7652	-1.30685	0.0732582	0.754642	-1.32513	0.497919	1.10183	1.10183	0.213755	1.20262	1.20262	0.718558	0.950275	-1.05233	0.347981	0.872684	-1.14589	2.16102	0.679789	0.279616	1
cg17339234	NIPAL1	0.14573	0.293414	1.21964	1.21964	0.369059	1.18301	1.18301	0.0595779	1.47306	1.47306	0.532475	1.12208	1.12208	0.0227207	1.64342	1.64342	0.983958	0.996344	-1.00367	0.0800133	0.701975	-1.42455	0.957692	0.990382	-1.00971	0.907422	1.02142	1.02142	2.16102	1.13589	0.467223	1
cg00658451	CCDC38;AMDHD1	0.145732	0.491397	1.12564	1.12564	0.310557	1.19444	1.19444	0.00385077	1.93386	1.93386	0.603016	1.09292	1.09292	0.859766	1.0304	1.0304	0.976744	1.00495	1.00495	0.528896	1.11408	1.11408	0.954738	1.00966	1.00966	0.0946502	1.3649	1.3649	2.16101	0.981478	0.403712	1
cg09579061	ADORA1;ADORA1	0.145733	0.20572	0.758033	-1.3192	0.550724	1.13346	1.13346	0.4481	0.851771	-1.17402	0.286463	0.794766	-1.25823	0.103974	0.691484	-1.44617	0.835696	0.957817	-1.04404	0.0297329	1.70049	1.70049	0.100953	0.688815	-1.45177	0.408144	0.838973	-1.19193	2.161	1.47392	0.606271	1
cg06128509	KIF20B	0.145738	0.232683	0.847295	-1.18023	0.227386	0.845534	-1.18268	0.0610976	1.3224	1.3224	0.049229	0.742886	-1.3461	0.570916	0.926975	-1.07878	0.796827	0.966416	-1.03475	0.789775	0.965239	-1.03601	0.216857	0.841938	-1.18774	0.155059	1.22321	1.22321	2.16096	0.600007	0.246806	1
cg19297427	INS-IGF2;INS-IGF2;INS	0.145741	0.971622	0.993136	-1.00691	0.0929105	1.43037	1.43037	0.012194	0.546222	-1.83076	0.673139	1.08562	1.08562	0.694191	1.07951	1.07951	0.677804	1.08425	1.08425	0.980042	0.995168	-1.00486	0.308809	1.22622	1.22622	0.2211	0.779545	-1.2828	2.16095	1.28299	0.52775	1
cg12730088	HLA-B;HLA-B	0.145743	0.10115	3.3173	3.3173	0.387178	0.55316	-1.8078	0.0965254	3.38336	3.38336	0.10706	3.23866	3.23866	0.781332	0.83037	-1.20428	0.0375243	0.199461	-5.01352	0.953933	1.03934	1.03934	0.755044	0.81134	-1.23253	0.628686	1.38473	1.38473	2.16093	15.2719	6.28202	1
cg18693346	DPY19L2P2;DPY19L2P2	0.14575	0.680558	1.09671	1.09671	0.233864	1.3209	1.3209	0.247359	1.30959	1.30959	0.388869	1.21765	1.21765	0.113055	1.46902	1.46902	0.100854	1.49291	1.49291	0.021387	1.85262	1.85262	0.0336593	1.73892	1.73892	0.0647356	1.58824	1.58824	2.16088	1.7019	0.700083	1
cg26862861	ZFP41	0.145758	0.0817297	0.515383	-1.94031	0.823906	0.92628	-1.07959	0.428382	0.757442	-1.32023	0.138458	0.578078	-1.72987	0.0103128	0.32938	-3.036	0.0424213	0.447964	-2.23232	0.417874	0.752427	-1.32903	0.229818	0.648609	-1.54176	0.651219	0.855243	-1.16926	2.16083	4.04039	1.66208	1
cg27544190	C21orf63	0.145763	0.33016	1.71606	1.71606	0.0318242	3.86553	3.86553	0.054812	3.22354	3.22354	0.0674957	3.00692	3.00692	0.344584	1.68739	1.68739	0.101401	2.62183	2.62183	0.130728	2.40373	2.40373	0.0381809	3.63703	3.63703	0.344438	1.68767	1.68767	2.16079	9.88364	4.06585	1
cg09164574	TANC1;TANC1	0.145766	0.705025	1.09934	1.09934	0.0464872	0.56674	-1.76448	0.032948	0.537324	-1.86108	0.402707	0.807946	-1.23771	0.67848	1.10939	1.10939	0.254177	0.743405	-1.34516	0.124156	1.5138	1.5138	0.615093	0.881391	-1.13457	0.226283	0.728771	-1.37217	2.16077	2.12224	0.87304	1
cg14959707	ZC3H7A;ZC3H7A	0.145767	0.0222417	0.346901	-2.88267	0.759741	1.12582	1.12582	0.148575	0.549573	-1.81959	0.665326	0.845234	-1.1831	0.0837933	0.477463	-2.0944	0.243026	1.60318	1.60318	0.109215	0.509267	-1.96361	0.802819	1.10149	1.10149	0.269223	0.641122	-1.55977	2.16076	5.10798	2.10131	1
cg16822174	AEBP2;AEBP2	0.145769	0.715773	0.893606	-1.11906	0.18901	1.53429	1.53429	0.22343	1.48215	1.48215	0.918441	0.968983	-1.03201	0.643627	1.15409	1.15409	0.449848	1.26728	1.26728	0.0135713	2.55893	2.55893	0.0216831	2.33477	2.33477	0.69292	1.12986	1.12986	2.16075	3.23839	1.33221	1
cg19715771	CBX4	0.145769	0.361033	0.662101	-1.51034	0.0814474	0.428227	-2.33521	0.0152915	0.270436	-3.69773	0.574765	0.779633	-1.28266	0.945552	0.970453	-1.03045	0.272163	0.605354	-1.65192	0.173712	0.529623	-1.88813	0.0526371	0.380036	-2.63133	0.466738	1.38435	1.38435	2.16075	6.59937	2.71485	1
cg02308296	C4B;C4A	0.145773	0.324107	0.784656	-1.27444	0.018049	0.504585	-1.98183	0.0794739	0.629036	-1.58973	0.291081	0.770361	-1.29809	0.378723	0.806491	-1.23994	0.786491	1.06679	1.06679	0.246087	1.33493	1.33493	0.715006	0.916374	-1.09126	0.0773066	0.626452	-1.59629	2.16072	1.94068	0.798367	1
cg27176614	CYBA	0.145775	0.761678	0.913528	-1.09466	0.0191466	2.32314	2.32314	0.297839	1.37835	1.37835	0.123297	0.608737	-1.64275	0.884935	1.044	1.044	0.370331	1.3146	1.3146	0.0867837	1.7549	1.7549	0.155706	1.57089	1.57089	0.583499	1.17896	1.17896	2.1607	3.02534	1.24459	1
cg14132628	MED20;BYSL;BYSL	0.145776	0.385384	0.828939	-1.20636	0.822459	1.04852	1.04852	0.740099	1.0727	1.0727	0.034456	0.594537	-1.68198	0.465895	0.855184	-1.16934	0.826802	1.04728	1.04728	0.0205964	1.80026	1.80026	0.298116	0.796619	-1.25531	0.815645	0.951956	-1.05047	2.1607	1.52091	0.625688	1
cg15862680	CASKIN2;TSEN54	0.145777	0.792536	0.910621	-1.09815	0.0319475	2.44195	2.44195	0.326514	1.43305	1.43305	0.0539322	0.459699	-2.17534	0.625528	1.19089	1.19089	0.610163	1.20038	1.20038	0.395542	0.734137	-1.36214	0.112449	0.541291	-1.84744	0.910386	0.960798	-1.0408	2.16069	4.31735	1.77612	1
cg10940651	THADA;THADA	0.145777	0.566689	0.834626	-1.19814	0.83992	1.06517	1.06517	0.632561	1.16225	1.16225	0.847145	1.06209	1.06209	0.397493	1.31052	1.31052	0.426039	0.775917	-1.2888	0.00578824	0.323532	-3.09088	0.234487	1.4755	1.4755	0.87651	0.952619	-1.04974	2.16069	3.3342	1.37166	1
cg13077608	DOCK9;DOCK9;DOCK9;DOCK9	0.145779	0.12602	0.715889	-1.39686	0.900321	0.975017	-1.02562	0.288088	0.800376	-1.24941	0.408809	1.18597	1.18597	0.317229	0.811604	-1.23213	0.876594	1.03187	1.03187	0.0120694	1.88125	1.88125	0.385206	1.19691	1.19691	0.745428	0.936343	-1.06799	2.16068	1.39491	0.573857	1
cg18907582	SNAPC1	0.145781	0.883785	1.03217	1.03217	0.00849388	2.06909	2.06909	0.824916	1.04913	1.04913	0.504653	0.863691	-1.15782	0.67291	0.91219	-1.09626	0.37436	1.21819	1.21819	?	?	?	0.114784	1.44949	1.44949	0.255979	1.29261	1.29261	2.17842	1.43678	0.659553	1
cg07803420	DDR1;DDR1	0.145782	0.0315832	0.437554	-2.28543	0.0406731	0.460734	-2.17045	0.275652	0.689446	-1.45044	0.692377	0.877752	-1.13927	0.0415835	0.462816	-2.16068	0.205446	0.645307	-1.54965	0.104493	0.558838	-1.78943	0.698096	1.13634	1.13634	0.840539	0.936076	-1.06829	2.16066	3.67943	1.51371	1
cg05840031	PAX6;PAX6;PAX6	0.145784	0.630524	0.906515	-1.10313	0.856085	0.963902	-1.03745	0.0850522	1.47054	1.47054	0.206084	1.31011	1.31011	0.758586	0.939478	-1.06442	0.72996	1.0727	1.0727	0.113193	0.705309	-1.41782	0.176736	0.747655	-1.33752	0.0390222	1.62227	1.62227	2.16064	1.40349	0.577398	1
cg02581615	OLAH;OLAH	0.145785	0.101077	2.76126	2.76126	0.775395	0.850596	-1.17565	0.515582	0.68872	-1.45197	0.141889	2.44318	2.44318	0.0317664	4.15295	4.15295	0.917188	0.942865	-1.0606	0.0404615	3.81387	3.81387	0.195957	2.16742	2.16742	0.193643	2.17716	2.17716	2.16064	10.9493	4.50457	1
cg27597459	AACSL	0.145788	0.537568	0.803727	-1.2442	0.603319	1.20141	1.20141	0.0298323	0.408707	-2.44674	0.0782101	0.504156	-1.98351	0.0756633	0.500519	-1.99793	0.198594	0.621557	-1.60886	0.0657472	0.485409	-2.06012	0.475399	0.775659	-1.28923	0.0785249	0.504599	-1.98177	2.16061	4.19239	1.72477	1
cg20785674	PLEKHO1	0.145792	0.0460522	0.0857446	-11.6625	0.488722	0.469669	-2.12916	0.695528	0.655338	-1.52593	0.243791	0.269731	-3.7074	0.130082	0.172581	-5.79439	0.438163	0.427538	-2.33898	0.0120718	0.0346338	-28.8736	0.0875306	0.131782	-7.58827	0.114645	0.158254	-6.31895	2.16059	39.5054	16.2529	1
cg07893149	TBCCD1;TBCCD1	0.145793	0.922248	0.971443	-1.0294	0.683872	0.885596	-1.12918	0.845699	1.05953	1.05953	0.282234	1.39323	1.39323	0.627686	1.15609	1.15609	0.469116	0.80366	-1.24431	0.050269	0.515655	-1.93928	0.134022	1.61539	1.61539	0.0260603	2.18962	2.18962	2.16058	3.01378	1.23991	1
cg20232102	PPP1R14A	0.145793	0.588035	0.408022	-2.45085	0.257141	0.143927	-6.94797	0.210425	8.69837	8.69837	0.255955	6.98459	6.98459	0.187684	0.101419	-9.8601	0.401514	4.0853	4.0853	0.530524	2.83319	2.83319	0.0135737	149.334	149.334	0.947151	0.897042	-1.11478	2.16058	91.9312	37.8217	1
cg25780219	MIR128-2;ARPP-21	0.145794	0.859203	1.16133	1.16133	0.00850598	16.9269	16.9269	0.0434588	7.07135	7.07135	0.539803	1.68686	1.68686	0.502931	0.564019	-1.77299	0.63189	1.50167	1.50167	0.87591	0.876661	-1.14069	0.343896	2.27344	2.27344	0.682802	0.707446	-1.41354	2.16057	24.2802	9.9892	1
cg06958686	MAP3K3;MAP3K3	0.145794	0.0427891	0.539316	-1.8542	0.797598	1.07042	1.07042	0.0738657	1.69481	1.69481	0.684554	1.11422	1.11422	0.62702	0.878386	-1.13845	0.324249	0.763703	-1.30941	0.0443772	1.84312	1.84312	0.68342	0.897115	-1.11468	0.842584	0.948711	-1.05406	2.16057	2.39939	0.98714	1
cg01242052	PIK3R6	0.145795	0.467887	0.533145	-1.87566	0.991551	1.00906	1.00906	0.124408	0.242522	-4.12334	0.934528	0.932428	-1.07247	0.0230683	0.0988726	-10.114	0.143648	0.262378	-3.81129	0.119081	0.236822	-4.22258	0.0209315	0.09385	-10.6553	0.333639	0.427774	-2.33768	2.16057	24.8117	10.2079	1
cg15545957	CYTH2;CYTH2	0.145798	0.0842396	0.736042	-1.35862	0.280074	0.835144	-1.1974	0.248414	1.21359	1.21359	0.96296	1.00748	1.00748	0.657896	1.07412	1.07412	0.762136	0.952462	-1.04991	0.839626	0.968013	-1.03304	0.10752	1.32553	1.32553	0.0256911	1.52979	1.52979	2.16054	0.880815	0.362384	1
cg11393453	FAM59A	0.145802	0.0991628	0.807877	-1.23781	0.226439	1.16171	1.16171	0.153998	1.19736	1.19736	0.467467	0.916438	-1.09118	0.510773	1.08191	1.08191	0.102753	1.23454	1.23454	0.320306	0.885856	-1.12885	0.0577821	1.28812	1.28812	0.465492	1.09162	1.09162	2.16051	0.476639	0.196101	1
cg26661897	RTCD1;RTCD1	0.145805	0.470542	1.26507	1.26507	0.0732529	1.89614	1.89614	0.207718	1.53037	1.53037	0.0463666	0.481473	-2.07696	0.230844	1.49571	1.49571	0.841087	1.06641	1.06641	0.636863	1.16453	1.16453	0.0984989	0.5597	-1.78667	0.967413	0.987	-1.01317	2.16049	3.51054	1.44434	1
cg02482690	KCTD17	0.14581	0.0222679	0.159138	-6.28385	0.411577	0.569336	-1.75643	0.756968	1.23153	1.23153	0.311699	0.495516	-2.0181	0.336982	0.51472	-1.9428	0.0717317	0.259521	-3.85325	0.0308852	0.182597	-5.47653	0.403328	0.563413	-1.7749	0.0813795	0.273615	-3.65477	2.16046	15.4009	6.33648	1
cg15825501	HES4;HES4	0.145813	0.722889	0.942252	-1.06129	0.249911	1.22248	1.22248	0.278301	1.20724	1.20724	0.649669	1.07939	1.07939	0.894763	0.978132	-1.02236	0.72131	1.06167	1.06167	0.0176326	0.617336	-1.61986	0.125721	1.31893	1.31893	0.129596	1.31465	1.31465	2.16044	0.955001	0.392924	1
cg18139800	AGER;AGER	0.145813	0.972136	0.993909	-1.00613	0.306935	1.20325	1.20325	0.460274	1.14055	1.14055	0.75433	1.05645	1.05645	0.0268796	0.632175	-1.58184	0.529643	0.894587	-1.11783	0.397652	1.16358	1.16358	0.0282341	1.57335	1.57335	0.725304	0.940151	-1.06366	2.16044	1.04713	0.43083	1
cg25973092	SESN2	0.145815	0.551216	1.15905	1.15905	0.0867964	1.58889	1.58889	0.0268317	1.90032	1.90032	0.517727	0.851679	-1.17415	0.0440695	1.76182	1.76182	0.319827	0.777508	-1.28616	0.568125	0.868281	-1.1517	0.55242	1.15852	1.15852	0.578839	1.14713	1.14713	2.16042	2.05059	0.8437	1
cg02699447	ZNF398;ZNF398	0.145818	0.286831	0.820884	-1.2182	0.488154	0.881891	-1.13393	0.675005	0.927508	-1.07816	0.793398	0.95424	-1.04795	0.0207668	1.64338	1.64338	0.294946	0.823792	-1.2139	0.0679414	0.694301	-1.4403	0.287487	1.21785	1.21785	0.498562	0.884614	-1.13044	2.16041	1.08968	0.448342	1
cg02739915	CRCP;CRCP;CRCP;CRCP;CRCP	0.145818	0.882928	0.975188	-1.02544	0.153436	0.770562	-1.29775	0.0687065	0.706509	-1.41541	0.231509	1.23861	1.23861	0.560005	0.90439	-1.10572	0.709957	1.06577	1.06577	0.0218716	1.5985	1.5985	0.617488	1.08965	1.08965	0.817229	0.961295	-1.04026	2.16041	0.994825	0.409316	1
cg03760919	RUNX1T1	0.145818	0.0432265	0.212093	-4.71491	0.422116	0.578785	-1.72776	0.164405	2.68927	2.68927	0.892016	1.0948	1.0948	0.507849	0.638909	-1.56517	0.0709456	0.260443	-3.83961	0.107503	0.309936	-3.22647	0.560879	1.48012	1.48012	0.111744	0.315049	-3.17411	2.1604	15.2155	6.26034	1
cg21928923	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.145819	0.77431	1.065	1.065	0.14007	1.41589	1.41589	0.849144	0.959145	-1.0426	0.0769803	1.53846	1.53846	0.834382	0.955173	-1.04693	0.648591	1.10573	1.10573	0.0132979	1.95803	1.95803	0.0670807	1.56766	1.56766	0.166458	1.38152	1.38152	2.1604	1.64183	0.675526	1
cg01301276	AKAP8L	0.14582	0.605975	1.2884	1.2884	0.0342845	3.32896	3.32896	0.0126461	4.52493	4.52493	0.454419	0.689985	-1.44931	0.713459	0.835593	-1.19676	0.705981	0.831459	-1.2027	0.67099	0.812135	-1.23132	0.989766	1.00627	1.00627	0.664655	0.808637	-1.23665	2.16039	8.11473	3.33879	1
cg17270520	MTL5;MTL5;MTL5;MTL5	0.145821	0.935895	1.04241	1.04241	0.337958	1.66539	1.66539	0.012302	5.0019	5.0019	0.667619	1.24991	1.24991	0.0635775	0.34061	-2.9359	0.789834	1.1479	1.1479	0.722859	1.20186	1.20186	0.607499	0.765272	-1.30672	0.231498	1.91176	1.91176	2.16038	9.12277	3.75356	1
cg04765848	PODN	0.145822	0.0216689	0.414401	-2.41312	0.243976	0.677378	-1.47628	0.966058	1.01369	1.01369	0.0951987	0.556636	-1.79651	0.603304	0.845753	-1.18238	0.199001	0.648115	-1.54294	0.0258318	0.429285	-2.32946	0.0857988	0.545138	-1.8344	0.545611	0.822468	-1.21585	2.16038	3.49376	1.43751	1
cg21607453	NCRNA00092	0.145822	0.301936	0.807303	-1.23869	0.00416904	2.15651	2.15651	0.823823	0.956351	-1.04564	0.869873	0.967717	-1.03336	0.97504	0.993758	-1.00628	0.686612	0.922026	-1.08457	0.863609	0.966172	-1.03501	0.742619	1.06818	1.06818	0.432361	1.17396	1.17396	2.16037	1.37073	0.56399	1
cg16544463	INPP5A	0.145824	0.46571	1.41593	1.41593	0.516915	1.36049	1.36049	0.209702	0.538293	-1.85773	0.431562	1.45654	1.45654	0.0241055	0.283627	-3.52576	0.557298	0.757255	-1.32056	0.0581749	0.366769	-2.72651	0.288346	1.67597	1.67597	0.415489	0.677116	-1.47685	2.16036	7.50939	3.08977	1
cg01777170	MICALL1	0.145825	0.475467	1.70361	1.70361	0.785741	0.818695	-1.22146	0.118682	0.288386	-3.46757	0.666474	1.37483	1.37483	0.0259726	0.14366	-6.96089	0.888165	1.10882	1.10882	0.0218314	0.1326	-7.54148	0.920142	0.929024	-1.0764	0.317355	0.468217	-2.13576	2.16036	18.4409	7.5876	1
cg07632615	MED12L	0.145825	0.214751	0.435085	-2.2984	0.0172515	0.157454	-6.35105	0.374719	0.559575	-1.78707	0.489495	0.639308	-1.56419	0.0994615	0.316425	-3.1603	0.664315	0.75712	-1.32079	0.241639	0.457952	-2.18364	0.142241	0.365935	-2.73272	0.0195667	0.165673	-6.036	2.16036	13.8933	5.71645	1
cg07602030	MARK1	0.145826	0.176295	0.824564	-1.21276	0.0468459	1.35707	1.35707	0.56027	0.924016	-1.08223	0.605032	1.07251	1.07251	0.350902	0.879126	-1.13749	0.473234	0.906757	-1.10283	0.314826	0.869823	-1.14966	0.173601	1.21441	1.21441	0.0644118	0.756705	-1.32152	2.16035	0.616014	0.253463	1
cg19358202	SLFNL1;SLFNL1	0.145826	0.981426	1.01093	1.01093	0.808285	0.892734	-1.12015	0.486501	1.39101	1.39101	0.386162	0.660563	-1.51386	0.00976297	0.217554	-4.59657	0.17271	0.507962	-1.96865	0.0567049	0.365398	-2.73674	0.627499	1.25639	1.25639	0.454331	0.700653	-1.42724	2.16035	7.45438	3.06716	1
cg02722596	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.145827	0.0425847	10.4841	10.4841	0.408692	2.34082	2.34082	0.248873	3.36387	3.36387	0.174203	4.28386	4.28386	0.123301	5.36663	5.36663	0.0828628	6.90972	6.90972	0.0254011	14.4993	14.4993	0.0455677	10.0497	10.0497	0.269478	3.18167	3.18167	2.16034	34.6596	14.2609	1
cg02520660	BAP1	0.145828	0.530071	0.922959	-1.08347	0.557878	1.07755	1.07755	0.978225	1.00345	1.00345	0.44143	0.905801	-1.104	0.747524	1.04155	1.04155	0.0136231	0.680683	-1.46911	0.0208859	0.704418	-1.41961	0.325869	0.879982	-1.13639	0.520813	0.921243	-1.08549	2.16034	0.54352	0.223636	1
cg09960294	ERICH1	0.145829	0.0845962	0.283597	-3.52613	0.0340101	0.194989	-5.12849	0.187346	0.397248	-2.51732	0.296431	0.489086	-2.04463	0.0140503	0.134959	-7.41241	0.159054	0.369964	-2.70297	0.365388	0.540958	-1.84857	0.97547	0.979892	-1.02052	0.249923	0.451877	-2.21299	2.16033	14.9332	6.14442	1
cg19563671	HEXIM1	0.145831	0.146541	0.344248	-2.90488	0.0871172	0.274521	-3.64271	0.254257	0.442796	-2.25838	0.903975	1.0861	1.0861	0.0208306	0.149046	-6.70936	0.946608	0.955206	-1.0469	0.118525	0.313606	-3.18872	0.35571	0.521993	-1.91573	0.0335615	0.182864	-5.46855	2.16031	16.0217	6.59235	1
cg13406768	MFF	0.145835	0.0325876	0.286026	-3.49618	0.14256	0.454404	-2.20068	0.706359	0.827449	-1.20853	0.506248	1.40144	1.40144	0.0860174	0.386989	-2.58406	0.760083	0.857893	-1.16565	0.0453879	0.31709	-3.15368	0.337685	1.63988	1.63988	0.340138	0.611424	-1.63553	2.16029	8.56832	3.52559	1
cg08523343	ANKH	0.145835	0.179041	0.778181	-1.28505	0.262796	1.22768	1.22768	0.105919	1.36381	1.36381	0.283244	1.21639	1.21639	0.0266282	1.58664	1.58664	0.53818	0.896275	-1.11573	0.267978	0.816497	-1.22474	0.664919	0.926291	-1.07957	0.414814	1.15772	1.15772	2.16028	1.05618	0.434586	1
cg04038163	CXCL9	0.145836	0.75342	1.2302	1.2302	0.595996	0.703441	-1.42158	0.13607	0.347852	-2.87479	0.214174	0.423245	-2.3627	0.0724372	0.267711	-3.73537	0.394459	0.563595	-1.77432	0.0126332	0.13024	-7.67811	0.0674602	0.260015	-3.84593	0.191396	0.402782	-2.48273	2.16028	14.788	6.08482	1
cg11088922	PWP2	0.145836	0.323566	1.43322	1.43322	0.129774	1.78204	1.78204	0.633372	1.18488	1.18488	0.167111	1.6819	1.6819	0.811936	1.08778	1.08778	0.0118248	3.03316	3.03316	0.0591685	2.12144	2.12144	0.0558306	2.14864	2.14864	0.375733	1.37839	1.37839	2.16028	4.26375	1.75441	1
cg03337918	PLEKHF2	0.145838	0.0894031	0.243093	-4.11366	0.651127	0.709094	-1.41025	0.429936	0.544205	-1.83754	0.183191	0.34421	-2.9052	0.0671296	0.212341	-4.70941	0.155317	0.317174	-3.15285	0.0428223	0.171958	-5.81538	0.0248412	0.133061	-7.51538	0.0914814	0.245757	-4.06905	2.16026	19.5112	8.02832	1
cg27510007	SPINT1;SPINT1;SPINT1	0.145839	0.419373	0.676271	-1.4787	0.00729246	5.15771	5.15771	0.710653	1.19323	1.19323	0.734289	0.850851	-1.17529	0.635327	0.797327	-1.25419	0.801881	0.887636	-1.12659	0.258804	0.572034	-1.74815	0.170635	1.9972	1.9972	0.977554	1.01343	1.01343	2.16025	7.68994	3.16421	1
cg12149881	TRIM10;TRIM10;TRIM15	0.145841	0.125778	0.687136	-1.45532	0.557177	0.874178	-1.14393	0.0340001	0.570917	-1.75157	0.0708871	0.633139	-1.57943	0.0263266	0.550632	-1.81609	0.147948	0.703593	-1.42128	0.863221	1.03983	1.03983	0.948865	0.985579	-1.01463	0.847531	1.04456	1.04456	2.16024	1.75511	0.722187	1
cg11350158	LRP1B	0.145843	0.120763	1.41273	1.41273	0.699281	0.923386	-1.08297	0.0132612	0.532457	-1.87809	0.793179	1.05544	1.05544	0.127612	0.712991	-1.40254	0.601713	0.897505	-1.1142	0.420912	0.844643	-1.18393	0.819347	1.0481	1.0481	0.17678	0.744652	-1.34291	2.16023	1.44266	0.593622	1
cg06574809	C17orf101;C17orf101	0.145844	0.32742	0.471544	-2.12069	0.0496995	0.189235	-5.28444	0.0477978	0.185857	-5.38049	0.545681	0.63462	-1.57575	0.0719268	0.22451	-4.45415	0.0174782	0.116363	-8.59378	0.264475	0.421115	-2.37465	0.923388	0.930972	-1.07415	0.395555	0.523617	-1.90979	2.16022	18.9176	7.78423	1
cg27447219	STK24;STK24	0.145844	0.302127	0.512696	-1.95047	0.0410568	0.229171	-4.36355	0.180435	0.411119	-2.43238	0.474918	0.635022	-1.57475	0.15237	0.383625	-2.60671	0.220967	0.447485	-2.23471	0.0115226	0.138785	-7.20538	0.121615	0.350365	-2.85417	0.13173	0.361743	-2.7644	2.16022	13.3624	5.49835	1
cg11997733	NEUROD2	0.145846	0.713565	0.913158	-1.0951	0.0136232	2.1213	2.1213	0.0901004	1.58454	1.58454	0.116455	0.656829	-1.52247	0.780821	1.07115	1.07115	0.833344	1.05329	1.05329	0.257199	1.33827	1.33827	0.759989	0.927276	-1.07843	0.910151	1.02821	1.02821	2.16021	2.07737	0.8548	1
cg01539269	KLHL26	0.145849	0.20037	2.37897	2.37897	0.0832812	3.41614	3.41614	0.166175	2.57549	2.57549	0.841467	0.879574	-1.13691	0.418769	0.588974	-1.69787	0.985413	1.01178	1.01178	0.0255289	5.47591	5.47591	0.160262	0.382427	-2.61488	0.918767	0.936726	-1.06755	2.16019	14.0458	5.77966	1
cg07479670	NID1	0.14585	0.820554	1.05112	1.05112	0.397719	0.826949	-1.20926	0.972079	0.992349	-1.00771	0.314398	1.25645	1.25645	0.758388	0.934538	-1.07005	0.0904315	0.664055	-1.5059	0.0290737	0.568664	-1.75851	0.700297	1.08858	1.08858	0.0621672	1.58527	1.58527	2.16018	1.64736	0.67787	1
cg13794687	LMOD2	0.145855	0.428333	0.80125	-1.24805	0.376685	1.28221	1.28221	0.023113	2.10498	2.10498	0.30384	0.746897	-1.33887	0.0406514	1.91113	1.91113	0.523838	0.83776	-1.19366	0.225594	1.41727	1.41727	0.444399	1.23819	1.23819	0.822743	1.06341	1.06341	2.16015	2.56903	1.05714	1
cg08276645	ANKMY1;ANKMY1	0.145855	0.0553545	4.40685	4.40685	0.0250409	6.17485	6.17485	0.0689501	4.01435	4.01435	0.149611	2.87201	2.87201	0.495242	1.60465	1.60465	0.536993	1.5325	1.5325	0.191134	2.5733	2.5733	0.0439626	4.85916	4.85916	0.146715	2.89697	2.89697	2.16015	15.9543	6.56512	1
cg04691869	POU5F1;POU5F1	0.145858	0.192295	1.33735	1.33735	0.0919384	1.47814	1.47814	0.59477	0.893075	-1.11973	0.0660177	0.647655	-1.54403	0.228414	0.766233	-1.30509	0.661289	0.911318	-1.09731	0.216572	1.31506	1.31506	0.140929	0.716371	-1.39592	0.37084	0.824025	-1.21355	2.16013	1.51782	0.624581	1
cg14788334	SH3BGRL3	0.145859	0.798435	1.10813	1.10813	0.0371968	2.63927	2.63927	0.0710642	2.24581	2.24581	0.840775	0.922462	-1.08406	0.0252127	2.90926	2.90926	0.0747968	2.21721	2.21721	0.411704	1.40043	1.40043	0.512722	1.30522	1.30522	0.724979	0.867861	-1.15226	2.16012	5.50755	2.26636	1
cg11638878	JUP;JUP	0.14586	0.768502	0.911251	-1.09739	0.533032	1.21995	1.21995	0.0291077	0.444966	-2.24736	0.627528	0.857306	-1.16645	0.0159626	0.39493	-2.53209	0.131206	0.598621	-1.67051	0.499388	1.24098	1.24098	0.679358	0.877326	-1.13983	0.62624	0.856804	-1.16713	2.16011	3.392	1.39581	1
cg14458619	PTPRD;PTPRD	0.145863	0.240309	1.83343	1.83343	0.853526	0.912901	-1.09541	0.0208467	3.94056	3.94056	0.0967954	2.45669	2.45669	0.194779	1.96651	1.96651	0.652922	1.25008	1.25008	0.125654	0.441679	-2.26409	0.480542	0.702175	-1.42415	0.670155	1.23523	1.23523	2.16009	8.31743	3.42267	1
cg08329655	PPFIBP2	0.145868	0.0592255	0.77561	-1.28931	0.61371	1.06261	1.06261	0.0573563	1.29238	1.29238	0.191376	0.847869	-1.17943	0.471416	1.09133	1.09133	0.10279	0.808193	-1.23733	0.826065	0.974085	-1.0266	0.705149	1.0464	1.0464	0.214442	0.855621	-1.16874	2.16005	0.486936	0.200381	1
cg26813301	LOC652276	0.145875	?	?	?	0.0923117	5.31004	5.31004	0.18748	3.40873	3.40873	?	?	?	0.339614	2.33474	2.33474	0.167729	3.65401	3.65401	0.0501841	0.127063	-7.8701	0.387594	2.13852	2.13852	0.462372	1.89504	1.89504	2.69998	21.7695	5.75919	1
cg07052015	STAT1;STAT1	0.145879	0.901018	0.982576	-1.01773	0.655018	0.938446	-1.06559	0.532735	0.914608	-1.09336	0.0557365	0.736233	-1.35827	0.143872	1.24835	1.24835	0.367129	0.877326	-1.13983	0.0512132	0.730786	-1.36839	0.0970269	1.29343	1.29343	0.856849	1.02584	1.02584	2.15998	0.682675	0.280939	1
cg17095728	TRIM67	0.145883	0.625712	0.8914	-1.12183	0.00760014	2.23182	2.23182	0.342552	1.25695	1.25695	0.139599	1.45031	1.45031	0.876218	1.03713	1.03713	0.35471	1.2494	1.2494	0.786986	1.06539	1.06539	0.302256	0.778855	-1.28394	0.234448	1.3384	1.3384	2.15995	1.87097	0.769965	1
cg25330016	C1QTNF1;C1QTNF1;C1QTNF1	0.145884	0.895288	0.918679	-1.08852	0.00558433	0.0959183	-10.4255	0.125542	0.343739	-2.90918	0.539719	1.49168	1.49168	0.661097	0.752649	-1.32864	0.317493	0.513978	-1.94561	0.307401	0.506326	-1.97501	0.269942	0.477143	-2.09581	0.777573	1.20012	1.20012	2.15995	14.193	5.84088	1
cg02720566	MAST3	0.145884	0.0195865	0.363084	-2.75418	0.507945	1.27284	1.27284	0.478804	0.772113	-1.29515	0.565541	0.811681	-1.23201	0.105898	0.530266	-1.88585	0.628545	1.19137	1.19137	0.103441	0.527445	-1.89593	0.827581	0.924641	-1.0815	0.0485448	0.445124	-2.24656	2.15994	4.41355	1.81632	1
cg22403469	RIMBP2	0.145885	0.872564	1.22762	1.22762	0.0246824	30.4865	30.4865	0.179335	6.18551	6.18551	0.669942	1.72936	1.72936	0.193938	0.17276	-5.78838	0.928476	0.891636	-1.12153	0.270775	0.231119	-4.32677	0.499456	0.416521	-2.40084	0.0950211	0.0959731	-10.4196	2.15993	55.8319	22.9768	1
cg00784153	COL5A3	0.145885	0.0258745	8.41089	8.41089	0.0592468	5.55342	5.55342	0.0722103	5.02916	5.02916	0.435637	1.89701	1.89701	0.33443	2.22863	2.22863	0.117764	3.92544	3.92544	0.0724872	5.0195	5.0195	0.0600598	5.51567	5.51567	0.306058	2.34692	2.34692	2.15993	22.1689	9.12329	1
cg26412543	PPT2;PPT2	0.145886	0.0613956	0.564622	-1.7711	0.781328	0.927305	-1.07839	0.037834	0.520396	-1.92161	0.182033	0.681012	-1.4684	0.0667011	0.572576	-1.74649	0.807996	0.9361	-1.06826	0.300203	1.338	1.338	0.288699	0.741766	-1.34813	0.402058	1.26188	1.26188	2.15992	2.51637	1.03558	1
cg23993836	TAZ;DNASE1L1;DNASE1L1;TAZ;TAZ;TAZ;TAZ;DNASE1L1	0.145888	0.0818103	0.14863	-6.72813	0.0386806	0.093768	-10.6646	0.734945	0.714696	-1.3992	0.260964	3.18638	3.18638	0.750706	0.729736	-1.37036	0.0707895	0.135927	-7.35687	0.0771512	0.143339	-6.97648	0.694198	1.47786	1.47786	0.761377	1.3513	1.3513	2.15992	33.4252	13.7558	1
cg24733179	ZNF582	0.145889	0.233711	1.18662	1.18662	0.807654	0.967124	-1.03399	0.712306	0.950504	-1.05207	0.22987	1.18846	1.18846	0.692324	0.94695	-1.05602	0.332904	0.872062	-1.14671	0.0223265	0.687119	-1.45535	0.0769248	1.30942	1.30942	0.434737	0.896524	-1.11542	2.1599	0.642562	0.26444	1
cg07662864	MCPH1	0.14589	0.687028	0.917374	-1.09007	0.0605275	1.5693	1.5693	0.386836	0.827887	-1.20789	0.575744	1.12793	1.12793	0.612853	0.897046	-1.11477	0.155987	1.38152	1.38152	0.0163139	1.86878	1.86878	0.797013	1.05642	1.05642	0.416163	0.837822	-1.19357	2.1599	1.55092	0.638269	1
cg18206952	DZIP1;DZIP1	0.145891	0.390813	0.835082	-1.19749	0.585713	0.893319	-1.11942	0.53093	1.13894	1.13894	0.373306	0.82917	-1.20602	0.156876	0.733195	-1.36389	0.422858	0.845527	-1.18269	0.0130355	0.531867	-1.88017	0.341301	1.22261	1.22261	0.186822	1.33217	1.33217	2.15989	1.43714	0.591447	1
cg00633473	MGC70857;KIAA1688	0.145896	0.0236871	0.383676	-2.60637	0.0443399	0.440767	-2.26877	0.0470226	0.446507	-2.23961	0.913382	0.962141	-1.03935	0.713596	0.877432	-1.13969	0.771269	1.10893	1.10893	0.864976	0.941419	-1.06223	0.356435	0.714312	-1.39995	0.389599	1.36714	1.36714	2.15986	4.30373	1.7712	1
cg15461550	CSMD1	0.145898	0.0363074	1.67061	1.67061	0.129962	0.707061	-1.41184	0.235456	0.769378	-1.29975	0.963363	0.990361	-1.00973	0.208897	1.32221	1.32221	0.734955	1.07428	1.07428	0.0747521	1.51971	1.51971	0.319618	1.24216	1.24216	0.658618	0.910508	-1.09829	2.15985	1.52079	0.625886	1
cg27311710	C6orf203;C6orf203;C6orf203	0.145898	0.27555	0.785148	-1.27365	0.347961	0.813784	-1.22883	0.456813	0.850786	-1.17538	0.477463	0.857254	-1.16652	0.00620186	0.467207	-2.14038	0.212946	0.756005	-1.32274	0.0999584	0.680867	-1.46872	0.515373	0.86879	-1.15103	0.426745	1.18892	1.18892	2.15984	1.55545	0.640148	1
cg23481184	FAM189A1	0.1459	0.0978283	0.299931	-3.3341	0.458824	0.606453	-1.64893	0.48488	0.624622	-1.60097	0.361632	0.537004	-1.86218	0.0244032	0.168927	-5.91972	0.970008	0.97538	-1.02524	0.0225	0.163306	-6.12347	0.973155	0.977935	-1.02256	0.0676548	0.257354	-3.88569	2.15983	15.0379	6.18894	1
cg14574404	HSPA8;HSPA8	0.145901	0.935348	0.989403	-1.01071	0.615147	0.9356	-1.06883	0.0252335	1.41829	1.41829	0.112873	1.25435	1.25435	0.177725	1.20694	1.20694	0.0946019	1.27287	1.27287	0.198973	0.836742	-1.19511	0.550131	1.08263	1.08263	0.215002	1.18697	1.18697	2.15982	0.589899	0.242777	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19128082	EXOG;EXOG	0.145902	0.0547726	0.222664	-4.49108	0.787162	1.20515	1.20515	0.745495	0.79886	-1.25178	0.266901	0.450427	-2.22012	0.0639146	0.237893	-4.20357	0.149526	0.34455	-2.90234	0.0220964	0.150713	-6.63512	0.107965	0.298393	-3.35129	0.160091	0.355267	-2.81478	2.15982	16.2633	6.69328	1
cg00608548	SPTBN4;BLVRB	0.145906	0.119199	0.36451	-2.74341	0.1949	2.26663	2.26663	0.33045	1.82092	1.82092	0.291673	0.520489	-1.92127	0.501939	0.665837	-1.50187	0.0177411	0.178927	-5.58887	0.184056	0.431276	-2.3187	0.292805	0.521345	-1.91812	0.677642	0.779203	-1.28336	2.15978	12.1838	5.01441	1
cg01778589	DLX6AS	0.145907	0.0957695	3.38352	3.38352	0.0863598	3.53324	3.53324	0.780608	0.830256	-1.20445	0.382647	0.550751	-1.8157	0.0943097	3.40539	3.40539	0.467013	0.610735	-1.63737	0.192636	0.399059	-2.5059	0.18444	2.55459	2.55459	0.155986	2.74889	2.74889	2.15978	15.1824	6.24855	1
cg04655699	GNL1	0.145909	0.602388	1.16341	1.16341	0.0129114	2.43216	2.43216	0.436943	0.795841	-1.25653	0.135275	1.58981	1.58981	0.214108	1.45741	1.45741	0.665843	1.13328	1.13328	0.742524	1.09958	1.09958	0.0338798	2.04064	2.04064	0.536891	1.19729	1.19729	2.15977	2.83641	1.16737	1
cg03957235	MEGF6	0.145909	0.0157595	0.342108	-2.92305	0.376069	0.719407	-1.39003	0.0240065	0.376788	-2.65401	0.579483	0.816337	-1.22498	0.0854989	0.502008	-1.992	0.699119	0.868658	-1.1512	0.0912685	0.509524	-1.96262	0.45374	0.758296	-1.31875	0.454279	0.758555	-1.3183	2.15977	4.49582	1.85033	1
cg04180462	ACAT1	0.145909	0.279674	0.642993	-1.55523	0.320576	1.49673	1.49673	0.261576	1.58414	1.58414	0.852813	1.07571	1.07571	0.0992422	0.491587	-2.03423	0.925963	1.0372	1.0372	0.339601	0.679256	-1.4722	0.0169008	0.318193	-3.14275	0.206726	0.592577	-1.68755	2.15976	5.28169	2.17377	1
cg27084994	FAF2	0.145912	0.713377	1.07135	1.07135	0.793976	0.952286	-1.0501	0.101911	1.39717	1.39717	0.395985	0.850118	-1.17631	0.92689	1.01729	1.01729	0.317552	0.824482	-1.21288	0.0137855	0.566267	-1.76595	0.243976	0.796354	-1.25572	0.332524	1.20532	1.20532	2.15974	1.19362	0.491259	1
cg10613815	C8orf12;FAM167A	0.145913	0.0854065	0.612268	-1.63327	0.643668	1.1277	1.1277	0.0926679	0.620414	-1.61183	0.680048	0.898539	-1.11292	0.446776	0.81868	-1.22148	0.587969	0.868381	-1.15157	0.0208067	2.04999	2.04999	0.865509	0.95721	-1.0447	0.337836	0.774983	-1.29035	2.15974	2.27673	0.937037	1
cg03674224	ZFYVE28	0.145914	0.83266	0.922025	-1.08457	0.359126	0.696434	-1.43589	0.373711	0.704438	-1.41957	0.561094	0.798126	-1.25294	0.0333059	0.385022	-2.59726	0.122851	0.526546	-1.89917	0.0217769	0.347658	-2.87639	0.78715	0.901368	-1.10942	0.0342795	0.387682	-2.57943	2.15973	5.03555	2.0725	1
cg19736334	PLEKHA7	0.145915	0.219489	0.671652	-1.48887	0.0276616	2.23115	2.23115	0.57865	1.18878	1.18878	0.317325	0.727146	-1.37524	0.0583169	0.517116	-1.9338	0.561017	0.834278	-1.19864	0.390672	0.762526	-1.31143	0.276085	0.705232	-1.41797	0.345599	0.741251	-1.34907	2.15972	3.24999	1.33762	1
cg00068305	CSNK1G3;CSNK1G3;CSNK1G3;CSNK1G3	0.145918	0.273508	1.13742	1.13742	0.388075	0.904878	-1.10512	0.0147185	1.40388	1.40388	0.304473	1.12768	1.12768	0.120782	1.20939	1.20939	0.20345	0.859265	-1.16379	0.252866	1.14447	1.14447	0.862458	0.980598	-1.01979	0.842584	1.02272	1.02272	2.15971	0.436696	0.179735	1
cg15127791	KCNJ1;KCNJ1;KCNJ1;KCNJ1	0.14592	0.038442	11.0512	11.0512	0.0837236	6.80306	6.80306	0.0931941	6.35974	6.35974	0.42439	2.26428	2.26428	0.416244	2.29869	2.29869	0.674904	0.655359	-1.52588	0.0210626	16.1115	16.1115	0.181566	4.13984	4.13984	0.253358	3.30362	3.30362	2.15969	34.3246	14.1274	1
cg12524958	ANO7	0.145925	0.0223315	0.267388	-3.73989	0.820526	0.8963	-1.1157	0.0315616	0.296811	-3.36915	0.4806	0.707911	-1.41261	0.773442	0.870172	-1.1492	0.296617	0.593704	-1.68434	0.662706	0.809406	-1.23547	0.14357	2.13228	2.13228	0.275347	0.578823	-1.72764	2.15966	7.93961	3.26785	1
cg01255747	ABHD13;LIG4	0.145925	0.395291	0.561499	-1.78095	0.822601	1.16052	1.16052	?	?	?	0.0153936	0.139272	-7.1802	?	?	?	0.833054	0.869419	-1.15019	0.0483289	0.224096	-4.46238	0.749493	1.23661	1.23661	0.825505	1.15763	1.15763	2.1991	11.905	6.18694	1
cg10520319	CCDC28B	0.145926	0.811315	0.964802	-1.03648	0.0981733	0.762019	-1.3123	0.0342737	0.690708	-1.44779	0.597121	1.0832	1.0832	0.416797	0.883084	-1.1324	0.461819	0.893833	-1.11878	0.963089	0.99309	-1.00696	0.839173	0.970012	-1.03092	0.0349935	1.44499	1.44499	2.15965	0.767827	0.31603	1
cg00354941	OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1	0.145928	0.213497	0.837894	-1.19347	0.140078	0.807077	-1.23904	0.494843	0.910658	-1.09811	0.167318	0.819763	-1.21986	0.0338479	0.715693	-1.39725	0.540189	0.919684	-1.08733	0.00906113	0.639028	-1.56488	0.797322	0.96585	-1.03536	0.663142	0.942543	-1.06096	2.15963	0.623499	0.256627	1
cg05616995	GNPDA1	0.14593	0.807464	0.826385	-1.21009	0.121676	3.70789	3.70789	0.830213	1.1826	1.1826	0.828966	0.844534	-1.18409	0.0237027	0.121354	-8.24036	0.19585	0.343578	-2.91055	0.0499511	0.174448	-5.73237	0.658228	0.706306	-1.41582	0.245322	0.387086	-2.58341	2.15962	20.8645	8.58773	1
cg02952635	PDE11A;PDE11A;PDE11A;PDE11A	0.14593	0.801479	1.10483	1.10483	0.0328506	0.372427	-2.68509	0.128486	0.521976	-1.9158	0.693918	1.16942	1.16942	0.795245	1.10839	1.10839	0.0664527	2.2579	2.2579	0.202986	1.70195	1.70195	0.966613	1.0167	1.0167	0.288362	0.646526	-1.54673	2.15962	5.35531	2.20422	1
cg22975671	BCL6B	0.145931	0.113711	5.14592	5.14592	0.0448371	8.95291	8.95291	0.117289	5.05026	5.05026	0.160275	4.17023	4.17023	0.780983	0.766961	-1.30385	0.163996	4.11111	4.11111	0.0446519	8.97484	8.97484	0.148969	4.3635	4.3635	0.0578974	7.69723	7.69723	2.15962	30.9924	12.7564	1
cg10704545	GLRX2;GLRX2	0.145931	0.0941378	0.72186	-1.38531	0.237524	1.245	1.245	0.49321	1.13115	1.13115	0.472536	0.878626	-1.13814	0.255712	0.810485	-1.23383	0.637999	0.9195	-1.08755	0.0183006	1.6605	1.6605	0.932561	1.0151	1.0151	0.386353	1.1703	1.1703	2.15961	1.07268	0.441511	1
cg01834541	PEX14	0.145933	0.301459	0.73555	-1.35953	0.549318	1.18984	1.18984	0.171089	0.658298	-1.51907	0.678317	1.12711	1.12711	0.00502117	0.344779	-2.90041	0.679847	1.12642	1.12642	0.976522	1.00848	1.00848	0.542663	0.837954	-1.19338	0.763748	0.917156	-1.09033	2.1596	2.81508	1.15868	1
cg14181956	ITPK1;ITPK1;ITPK1;NCRNA00203	0.145933	0.16663	0.394251	-2.53645	0.0481414	0.240381	-4.16006	0.165695	0.393335	-2.54236	0.168152	0.395738	-2.52692	0.097094	0.316856	-3.15601	0.718943	1.2562	1.2562	0.0408864	0.225472	-4.43513	0.410927	1.70011	1.70011	0.200717	0.426142	-2.34663	2.1596	13.6253	5.60818	1
cg11246071	ELAVL2	0.145935	0.457963	0.732291	-1.36558	0.307943	1.54505	1.54505	0.663173	1.19801	1.19801	0.0156999	0.295023	-3.38957	0.357091	1.47766	1.47766	0.0723779	2.28548	2.28548	0.868777	1.07054	1.07054	0.421265	0.7127	-1.40312	0.671236	1.19245	1.19245	2.15959	5.81281	2.39256	1
cg05636499	SH2B2	0.145936	0.633551	0.944937	-1.05827	0.626053	1.05962	1.05962	0.372005	0.897552	-1.11414	0.889258	1.01656	1.01656	0.513716	1.08123	1.08123	0.241038	0.865256	-1.15573	0.892367	0.984162	-1.01609	0.0200849	0.718395	-1.39199	0.0421743	1.31789	1.31789	2.15958	0.475619	0.195767	1
cg07535605	USP14;USP14	0.145936	0.218611	1.13468	1.13468	0.00565873	1.42549	1.42549	0.27239	1.11802	1.11802	0.254873	1.12309	1.12309	0.0711462	1.21754	1.21754	0.698146	1.03879	1.03879	0.342788	1.10014	1.10014	0.35545	1.09727	1.09727	0.86463	0.983476	-1.0168	2.15958	0.326137	0.134239	1
cg13912748	NPM1;NPM1;NPM1	0.14594	0.822182	1.04263	1.04263	0.980815	0.995551	-1.00447	0.610561	1.09994	1.09994	0.680261	1.07988	1.07988	0.719928	1.06905	1.06905	0.903683	0.977799	-1.02271	0.374626	1.18413	1.18413	0.00337139	2.09493	2.09493	0.142209	1.33991	1.33991	2.15955	1.17636	0.484199	1
cg00967854	RCC2;RCC2	0.145941	0.431274	1.47098	1.47098	0.00971928	4.81369	4.81369	0.0295231	3.42572	3.42572	0.883812	1.07278	1.07278	0.658162	0.807398	-1.23855	0.656045	1.24032	1.24032	0.727511	0.845297	-1.18302	0.278385	1.71864	1.71864	0.867678	1.08341	1.08341	2.15954	7.89519	3.24974	1
cg17832688	PTPRF;PTPRF	0.145943	0.654757	1.13383	1.13383	0.140304	0.642291	-1.55693	0.208802	1.44735	1.44735	0.10544	1.63822	1.63822	0.500968	1.20999	1.20999	0.969751	0.989474	-1.01064	0.0158389	2.28128	2.28128	0.166343	1.50959	1.50959	0.319117	1.33285	1.33285	2.15953	2.6634	1.09629	1
cg06572031	GALNS	0.145943	0.0071072	0.243984	-4.09864	0.693498	1.17431	1.17431	0.43895	0.725981	-1.37745	0.791763	0.898219	-1.11331	0.03483	0.368684	-2.71235	0.645486	0.828686	-1.20673	0.44727	0.730361	-1.36919	0.454736	0.734266	-1.3619	0.27013	0.627628	-1.5933	2.15952	5.62831	2.31668	1
cg21452411	PRSS22	0.145945	0.0754298	4.5896	4.5896	0.249063	2.52823	2.52823	0.523547	1.64494	1.64494	0.16103	3.16626	3.16626	0.253696	2.50353	2.50353	0.608723	0.672005	-1.48808	0.0293486	0.138637	-7.21308	0.483092	1.7311	1.7311	0.304267	2.26848	2.26848	2.15951	20.2719	8.34424	1
cg18471235	SLC22A18AS;SLC22A18;SLC22A18	0.145946	0.36785	0.712845	-1.40283	0.0198941	2.79702	2.79702	0.190319	1.6612	1.6612	0.590102	0.819542	-1.22019	0.0943685	0.510217	-1.95995	0.443835	0.751502	-1.33067	0.458126	0.758454	-1.31847	0.326564	0.690287	-1.44867	0.779652	0.902455	-1.10809	2.15951	4.58005	1.88523	1
cg24376810	ELK1;ELK1	0.14595	0.0344429	0.386368	-2.58821	0.048075	0.419712	-2.38259	0.494975	0.770029	-1.29865	0.633031	1.19864	1.19864	0.611411	0.824464	-1.21291	0.670341	0.851078	-1.17498	0.0323971	0.380499	-2.62813	0.146408	0.552662	-1.80942	0.0968844	0.498749	-2.00502	2.27226	4.98708	1.70704	1
cg11745084	ARFGEF2	0.14595	0.925266	0.99062	-1.00947	0.00812939	0.711532	-1.40542	0.205851	0.874549	-1.14345	0.762346	0.969995	-1.03093	0.502474	0.933921	-1.07075	0.277381	0.892731	-1.12016	0.519004	1.06787	1.06787	0.300875	1.11369	1.11369	0.386123	1.09335	1.09335	2.15948	0.345074	0.14204	1
cg15846886	FAM195B;FAM195B	0.145953	0.127054	0.559291	-1.78798	0.732784	0.886319	-1.12826	0.89456	1.0478	1.0478	0.6515	1.17364	1.17364	0.24495	0.651632	-1.53461	0.494725	1.27654	1.27654	0.0164591	0.356267	-2.80689	0.111157	0.542762	-1.84243	0.0765856	0.499769	-2.00092	2.15946	4.24072	1.74559	1
cg01909921	GFI1B;GFI1B	0.145953	0.0818778	6.88852	6.88852	0.0314297	12.5058	12.5058	0.171202	4.29883	4.29883	0.0985083	6.13241	6.13241	0.162727	4.44444	4.44444	0.0738035	7.35078	7.35078	0.866154	0.844631	-1.18395	0.0692918	7.64599	7.64599	0.140014	4.90055	4.90055	2.15946	34.2676	14.1054	1
cg18241942	OTX2	0.145955	0.0626252	0.238919	-4.18552	0.0293408	0.173115	-5.77649	0.292935	0.474491	-2.10752	0.437374	1.7183	1.7183	0.419528	0.56917	-1.75694	0.29952	0.479658	-2.08482	0.0439685	0.205614	-4.86348	0.413717	0.564982	-1.76997	0.0847958	0.271879	-3.6781	2.15945	15.9682	6.57297	1
cg06919800	RPTOR;RPTOR	0.145957	0.0774361	0.613676	-1.62952	0.261876	1.33782	1.33782	0.984568	0.9952	-1.00482	0.225974	0.728846	-1.37203	0.0269002	0.521002	-1.91938	0.447033	1.21263	1.21263	0.781156	0.933065	-1.07174	0.0744863	0.609984	-1.63939	0.342886	0.784207	-1.27517	2.15943	2.11644	0.871193	1
cg25969768	HEATR1	0.145958	0.654911	1.13405	1.13405	0.0708123	0.568661	-1.75852	0.913945	0.970226	-1.03069	0.993387	0.997685	-1.00232	0.132478	1.57451	1.57451	0.0327108	0.497214	-2.01121	0.0651142	0.560412	-1.7844	0.856259	1.05201	1.05201	0.554899	0.846201	-1.18175	2.15942	2.67413	1.10076	1
cg02800384	BANP;BANP	0.145961	0.715738	1.05511	1.05511	0.316757	0.859144	-1.16395	0.983553	1.00303	1.00303	0.170633	1.23866	1.23866	0.847375	1.02867	1.02867	0.0153357	1.54736	1.54736	0.0422514	1.40944	1.40944	0.481385	0.900344	-1.11069	0.559859	1.09034	1.09034	2.1594	0.735892	0.302921	1
cg01551176	SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1;SNHG3-RCC1;RCC1	0.145964	0.0915646	0.619964	-1.613	0.368567	1.26828	1.26828	0.978718	0.993159	-1.00689	0.742596	0.918688	-1.08851	0.197987	1.41926	1.41926	0.0128107	0.451329	-2.21568	0.68406	0.90007	-1.11103	0.781966	1.07401	1.07401	0.423668	1.23403	1.23403	2.15938	2.2648	0.932285	1
cg07011318	ZNF598	0.145965	0.862575	1.0586	1.0586	0.0427737	2.1523	2.1523	0.304807	1.41808	1.41808	0.189919	1.57831	1.57831	0.752606	0.901278	-1.10954	0.536115	1.22868	1.22868	0.0726468	0.517728	-1.93152	0.046285	2.11792	2.11792	0.765765	1.10319	1.10319	2.15938	3.69518	1.52109	1
cg09740554	MSH2	0.145967	0.196373	0.742554	-1.3467	0.357045	1.22924	1.22924	0.585695	0.886981	-1.12742	0.597986	1.12293	1.12293	0.00726622	0.470247	-2.12654	0.563434	1.13573	1.13573	0.216922	0.753454	-1.32722	0.40634	0.831025	-1.20333	0.999591	0.999888	-1.00011	2.15936	1.62371	0.668391	1
cg08108966	EEF2	0.14597	0.271949	0.679649	-1.47135	0.21197	1.55894	1.55894	0.0842839	1.90589	1.90589	0.842517	1.06948	1.06948	0.0232119	0.399981	-2.50012	0.332641	1.40144	1.40144	0.657407	0.860079	-1.16268	0.286006	1.4538	1.4538	0.986743	0.994405	-1.00563	2.15934	3.90007	1.60546	1
cg13116816	C7orf23	0.145972	0.565937	1.26391	1.26391	0.160923	0.546399	-1.83017	0.0323236	0.363652	-2.74988	0.391529	1.42522	1.42522	0.455228	1.35931	1.35931	0.677159	0.844516	-1.18411	0.0734475	2.23797	2.23797	0.492201	0.754619	-1.32517	0.196807	0.576504	-1.73459	2.15933	5.57115	2.29337	1
cg07697597	SCUBE1	0.145974	0.849669	0.930682	-1.07448	0.0100773	3.41894	3.41894	0.458423	1.33087	1.33087	0.950734	1.02367	1.02367	0.131326	0.539709	-1.85285	0.814521	1.09305	1.09305	0.369203	0.705288	-1.41786	0.329916	1.46322	1.46322	0.241257	1.59108	1.59108	2.15931	4.90166	2.01779	1
cg26905261	ST18	0.145974	0.225178	0.40807	-2.45056	0.0126703	0.113014	-8.84847	0.0306682	0.167542	-5.96867	0.907248	0.921263	-1.08547	0.0881607	0.266079	-3.75829	0.453961	0.584664	-1.71038	0.218701	0.402422	-2.48496	0.519647	0.631746	-1.58291	0.985163	1.01317	1.01317	2.15931	16.9312	6.9698	1
cg20255817	LOC728661;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.145977	0.410536	2.03991	2.03991	0.739445	1.32678	1.32678	0.866169	1.1536	1.1536	0.33608	0.431601	-2.31696	0.00704465	0.052297	-19.1216	0.909623	0.908287	-1.10097	0.439458	0.512756	-1.95025	0.966377	0.964922	-1.03635	0.0773757	0.18953	-5.27621	2.15929	24.5415	10.1027	1
cg23484249	SDK1;SDK1	0.145983	0.891713	0.976308	-1.02427	0.0433457	1.50539	1.50539	0.916954	1.01853	1.01853	0.779502	0.951794	-1.05065	0.543203	0.897332	-1.11441	0.0676348	1.43388	1.43388	0.0271424	1.58468	1.58468	0.391768	0.856883	-1.16702	0.781161	0.952159	-1.05024	2.15925	1.05968	0.436235	1
cg05523882	AARS	0.145985	0.373664	0.61692	-1.62096	0.665138	0.794271	-1.25902	0.712809	1.21597	1.21597	0.921688	0.949321	-1.05338	0.172257	0.463731	-2.15642	0.362436	0.609509	-1.64067	0.103019	0.389322	-2.56857	0.00925417	0.174306	-5.73705	0.0596457	0.324912	-3.07776	2.15924	9.56673	3.93832	1
cg12471071	MCPH1	0.14599	0.320198	0.880979	-1.1351	0.255625	0.863803	-1.15767	0.0148816	0.691058	-1.44706	0.285465	0.872087	-1.14667	0.0208907	0.709672	-1.4091	0.574168	0.932351	-1.07256	0.767051	1.03733	1.03733	0.90559	0.985469	-1.01475	0.674842	1.05343	1.05343	2.1592	0.520492	0.214273	1
cg08709276	APOBEC2	0.145991	0.187281	0.511773	-1.95399	0.339671	0.623963	-1.60266	0.0651275	0.370644	-2.69801	0.995639	0.997384	-1.00262	0.0110431	0.217022	-4.60783	0.0442063	0.330254	-3.02797	0.272395	0.578367	-1.72901	0.489652	0.714363	-1.39985	0.315882	0.608345	-1.6438	2.15919	7.85563	3.23398	1
cg11579421	PWWP2B;PWWP2B	0.145991	0.0565898	0.27723	-3.60712	0.633304	1.33071	1.33071	0.515281	1.48021	1.48021	0.0981681	0.340167	-2.93974	0.0894418	0.328526	-3.0439	0.393035	0.594452	-1.68222	0.0587677	0.281124	-3.55715	0.0636881	0.289605	-3.45298	0.277727	0.511199	-1.95619	2.15919	12.0838	4.97462	1
cg23084309	MLLT1	0.145992	0.939315	0.981033	-1.01933	0.756716	0.924822	-1.08129	0.681644	0.901463	-1.10931	0.90781	0.971286	-1.02956	0.208564	0.716472	-1.39573	0.71883	1.09519	1.09519	0.00308228	0.361036	-2.76981	0.826883	0.946404	-1.05663	0.837536	0.949674	-1.05299	2.15918	2.16303	0.89047	1
cg09104720	KPNB1	0.145996	0.825318	1.05039	1.05039	0.00690355	2.17663	2.17663	0.35905	1.23338	1.23338	0.454568	0.844149	-1.18463	0.297492	1.27154	1.27154	0.884482	1.03286	1.03286	0.649351	0.9032	-1.10717	0.447321	0.841756	-1.18799	0.155124	1.4027	1.4027	2.15915	1.69176	0.696471	1
cg15105081	C11orf67;C11orf67;RSF1	0.145997	0.0439255	4.67076	4.67076	0.996435	0.99703	-1.00298	0.590796	0.696759	-1.43522	0.216612	2.37611	2.37611	0.0326913	0.189454	-5.27833	0.169701	2.64762	2.64762	0.865479	1.11948	1.11948	0.902338	1.08515	1.08515	0.391724	0.557596	-1.79341	2.15915	15.1523	6.23796	1
cg01525597	WNT5B;WNT5B	0.145997	0.09647	0.697656	-1.43337	0.144451	1.36242	1.36242	0.0468151	1.56672	1.56672	0.601734	0.901332	-1.10947	0.831085	1.04304	1.04304	0.873198	0.968982	-1.03201	0.0988052	0.699734	-1.42911	0.266432	0.795783	-1.25662	0.476657	1.15345	1.15345	2.15915	1.33084	0.547884	1
cg07815856	NEBL	0.145997	0.590197	1.34569	1.34569	0.0160122	5.00376	5.00376	0.265482	1.88458	1.88458	0.460949	0.663711	-1.50668	0.139942	0.42009	-2.38044	0.50682	1.44454	1.44454	0.221266	0.495514	-2.01811	0.345176	1.70055	1.70055	0.63777	0.771837	-1.29561	2.15915	10.1983	4.19847	1
cg16779839	BAHCC1	0.145999	0.156955	0.344772	-2.90046	0.705568	1.3027	1.3027	0.27551	2.21349	2.21349	?	?	?	0.182559	0.370142	-2.70167	?	?	?	0.0228671	0.142186	-7.03304	0.36163	0.519137	-1.92628	0.234583	0.417403	-2.39577	2.3088	13.494	5.84461	1
cg15013177	CNTN6	0.146008	0.429858	0.680667	-1.46915	0.769895	0.86934	-1.1503	0.144937	2.11133	2.11133	0.805283	1.12514	1.12514	0.388234	0.655637	-1.52524	0.0799668	0.395573	-2.52798	0.028923	0.292429	-3.41963	0.0586479	0.360719	-2.77224	0.982192	1.01071	1.01071	2.15907	7.79249	3.20816	1
cg19802774	SARS	0.146012	0.68613	0.935221	-1.06927	0.492322	1.12183	1.12183	0.16968	1.2727	1.2727	0.895198	1.02196	1.02196	0.494311	0.891887	-1.12122	0.137292	1.30192	1.30192	0.0101996	0.586256	-1.70574	0.732465	0.945003	-1.0582	0.915438	0.982643	-1.01766	2.15905	0.929273	0.382585	1
cg08115510	AMOTL2	0.146012	0.282931	0.80904	-1.23603	0.196635	1.29602	1.29602	0.696947	0.928362	-1.07717	0.729619	1.06812	1.06812	0.548755	0.891151	-1.12214	0.358078	0.835685	-1.19662	0.0274242	0.609255	-1.64135	0.0727319	1.46264	1.46264	0.327747	1.21152	1.21152	2.15904	1.23356	0.507862	1
cg01398428	LRP5	0.14602	0.0920421	0.683472	-1.46312	0.154046	0.731152	-1.3677	0.594966	0.895734	-1.1164	0.317403	0.808899	-1.23625	0.48747	0.86523	-1.15576	0.474818	1.16083	1.16083	0.0404997	1.62499	1.62499	0.0767384	0.667677	-1.49773	0.884727	0.97067	-1.03022	2.15899	1.43987	0.592816	1
cg02705163	NHSL1	0.14602	0.354133	0.636957	-1.56997	0.616608	0.787546	-1.26977	0.466628	1.41978	1.41978	0.650084	0.805668	-1.24121	0.118567	0.448577	-2.22927	0.99263	1.00438	1.00438	0.00753561	0.19654	-5.08801	0.125415	0.456249	-2.19178	0.192205	0.520421	-1.92152	2.15899	7.65468	3.15155	1
cg02882797	MICA	0.146021	0.77065	1.37034	1.37034	0.335011	2.93342	2.93342	?	?	?	0.423904	0.413656	-2.41747	0.123018	0.161606	-6.18789	0.278262	0.294663	-3.39371	0.536473	0.50882	-1.96533	0.0199766	22.5894	22.5894	0.478092	0.45888	-2.17922	2.28827	36.6027	13.9963	1
cg17150074	ZFAND3	0.146025	0.0494796	0.765445	-1.30643	0.683283	0.952262	-1.05013	0.0316529	0.740507	-1.35043	0.145896	0.830133	-1.20463	0.426254	0.907668	-1.10172	0.281914	0.875163	-1.14264	0.117333	1.22488	1.22488	0.833613	1.0254	1.0254	0.357835	0.893367	-1.11936	2.15896	0.486213	0.200185	1
cg12457376	COMT;TXNRD2	0.146027	0.0114766	0.307103	-3.25623	0.512579	1.28135	1.28135	0.338799	1.44493	1.44493	0.79558	1.10177	1.10177	0.370955	0.709679	-1.40909	0.610174	0.825357	-1.2116	0.71325	0.871286	-1.14773	0.772714	0.897533	-1.11417	0.0433074	0.419939	-2.3813	2.15894	4.76474	1.96176	1
cg15966603	ZFYVE28	0.146031	0.151017	0.44567	-2.24381	0.611004	1.30917	1.30917	0.649008	0.786116	-1.27208	0.734753	1.19554	1.19554	0.0117683	0.191593	-5.21939	0.121264	0.413824	-2.41649	0.0580949	0.324696	-3.0798	0.341321	0.597528	-1.67356	0.436134	0.658863	-1.51777	2.15891	9.43073	3.88292	1
cg25137365	WDR1;WDR1	0.146037	0.581833	1.13172	1.13172	0.125826	1.44558	1.44558	0.511369	1.15973	1.15973	0.0171038	0.523812	-1.90908	0.459099	0.845603	-1.18259	0.187086	0.732647	-1.36491	0.149539	0.709089	-1.41026	0.66447	0.907474	-1.10196	0.382555	0.819368	-1.22045	2.15887	1.6923	0.696785	1
cg13294753	HDAC3	0.146041	0.0817589	0.642054	-1.5575	0.449388	1.19371	1.19371	0.901387	0.971926	-1.02888	0.256156	1.31295	1.31295	0.159634	0.708084	-1.41226	0.0734441	0.632245	-1.58167	0.816072	1.05498	1.05498	0.149075	1.42678	1.42678	0.130807	0.687439	-1.45467	2.15884	1.80414	0.742843	1
cg12271587	TTF1	0.146042	0.808472	0.935996	-1.06838	0.469752	0.81848	-1.22178	0.447196	1.23492	1.23492	0.141455	1.53828	1.53828	0.114146	0.626205	-1.59692	0.0840111	1.68326	1.68326	0.0680367	1.74474	1.74474	0.167513	1.49289	1.49289	0.167322	1.49319	1.49319	2.15883	2.53643	1.04436	1
cg17979068	C2orf48	0.146043	0.746972	0.886788	-1.12767	0.0405383	0.415652	-2.40586	0.0414673	0.41783	-2.39332	0.85036	1.07261	1.07261	0.294702	0.668072	-1.49685	0.248512	0.639084	-1.56474	0.0152091	0.330699	-3.0239	0.450877	0.75192	-1.32993	0.422913	0.738004	-1.35501	2.15883	4.71002	1.93933	1
cg17824540	RBMS1;RBMS1	0.146044	0.0732238	0.25208	-3.96699	0.0697688	0.246894	-4.05033	0.0199918	0.144193	-6.93513	0.234205	0.423089	-2.36357	0.116123	0.307935	-3.24744	0.371135	0.530768	-1.88406	0.181475	0.375898	-2.6603	0.432399	1.73786	1.73786	0.592173	0.688674	-1.45207	2.15882	16.2673	6.69802	1
cg14998567	MYLK4	0.146045	0.190108	0.72911	-1.37154	0.482613	0.850049	-1.1764	0.268356	0.769147	-1.30014	0.105494	0.668553	-1.49577	0.0538054	0.607452	-1.64622	0.00893671	0.468987	-2.13225	0.191683	0.730022	-1.36982	0.146927	0.701595	-1.42532	0.345037	0.801381	-1.24785	2.15881	1.77219	0.729698	1
cg07432969	GPR35	0.146046	0.877612	0.960274	-1.04137	0.00680849	2.51493	2.51493	0.565985	1.16488	1.16488	0.591387	1.15321	1.15321	0.183108	0.689654	-1.45	0.165047	1.47631	1.47631	0.43558	1.23274	1.23274	0.960779	1.01302	1.01302	0.762085	0.923238	-1.08314	2.15881	2.36566	0.974061	1
cg10439402	TMEM131	0.146047	0.0762565	0.239721	-4.17151	0.0128531	0.106773	-9.36568	0.112683	0.286401	-3.4916	0.753816	0.796276	-1.25585	0.073807	0.236209	-4.23354	0.312736	0.469483	-2.13	0.102224	0.273886	-3.65115	0.998328	1.00152	1.00152	0.578174	0.665814	-1.50192	2.1588	17.9275	7.38167	1
cg23208397	MFSD1;MFSD1	0.146051	0.0943359	0.846213	-1.18173	0.723845	1.03273	1.03273	0.190416	1.13417	1.13417	0.76372	0.972992	-1.02775	0.174724	1.14005	1.14005	0.816135	1.02137	1.02137	0.30468	1.10133	1.10133	0.115309	0.856027	-1.16819	0.0469125	1.2294	1.2294	2.15877	0.281866	0.11606	1
cg08655760	C1orf203;ATP1A1;ATP1A1;ATP1A1	0.146051	0.0285301	0.302699	-3.30361	0.201306	0.535769	-1.86648	0.961281	0.977801	-1.0227	0.315912	0.619089	-1.61528	0.0141566	0.246616	-4.05489	0.339329	0.634181	-1.57684	0.0894707	0.420691	-2.37704	0.765574	0.870856	-1.1483	0.943611	1.03325	1.03325	2.15877	7.31147	3.01055	1
cg26449951	WNT10A	0.146053	0.178999	1.88596	1.88596	0.776688	1.13471	1.13471	0.628007	1.24233	1.24233	0.262795	1.68011	1.68011	0.958236	1.02355	1.02355	0.884784	1.06656	1.06656	0.017323	3.62588	3.62588	0.0158021	3.72141	3.72141	0.172931	1.90511	1.90511	2.15876	6.75262	2.78045	1
cg19827606	LRRIQ3;TNNI3K;FPGT	0.146056	0.46342	1.20482	1.20482	0.146293	0.677503	-1.47601	0.0412754	1.79993	1.79993	0.0847112	1.60967	1.60967	0.384511	0.800429	-1.24933	0.886779	1.03621	1.03621	0.097095	0.634687	-1.57558	0.836981	1.05278	1.05278	0.640904	1.12444	1.12444	2.15873	2.13112	0.877517	1
cg01038149	P2RX6;P2RX6;MGC16703	0.146057	0.187733	1.23015	1.23015	0.558044	0.915857	-1.09187	0.542474	1.09579	1.09579	0.725408	1.05372	1.05372	0.218713	0.825352	-1.2116	0.13164	1.27313	1.27313	0.388099	1.14025	1.14025	0.105449	1.30011	1.30011	0.0391019	0.701673	-1.42517	2.15873	0.752703	0.309937	1
cg24473292	KDELC2	0.146059	0.747446	1.11122	1.11122	0.122184	1.72772	1.72772	0.82048	0.928494	-1.07701	0.972807	0.988935	-1.01119	0.449133	1.28628	1.28628	0.177785	1.59591	1.59591	0.0177095	2.56383	2.56383	0.0935254	1.8259	1.8259	0.0359865	2.21721	2.21721	2.15872	3.64268	1.49994	1
cg13682961	IQSEC3;IQSEC3	0.146062	0.721381	0.907747	-1.10163	0.0234537	2.07859	2.07859	0.317321	0.756232	-1.32235	0.674133	0.89198	-1.1211	0.838777	1.05661	1.05661	0.701583	1.10968	1.10968	0.0201899	2.13232	2.13232	0.271962	1.36219	1.36219	0.982922	0.994231	-1.0058	2.1587	2.4979	1.02856	1
cg19333614	APOBEC3F	0.146063	0.39911	1.75463	1.75463	0.961944	0.9694	-1.03157	0.0749107	0.274734	-3.63988	0.996388	0.997056	-1.00295	0.965925	0.97256	-1.02821	0.229986	2.27124	2.27124	0.0230553	5.87164	5.87164	0.140753	2.80657	2.80657	0.170299	2.5888	2.5888	2.15869	14.5038	5.97226	1
cg14738670	FXYD1;FXYD7;FXYD1	0.146065	0.0840206	0.250592	-3.99054	0.543061	0.640416	-1.56149	0.533144	1.57921	1.57921	0.654271	0.721582	-1.38584	0.123913	0.299346	-3.34062	0.482395	0.596412	-1.67669	0.00758258	0.0832353	-12.0141	0.175532	0.352484	-2.83701	0.752006	0.794946	-1.25795	2.15867	17.9152	7.37705	1
cg24102700	C17orf85;C17orf85	0.146069	0.398577	2.37283	2.37283	0.916416	0.900364	-1.11066	0.738124	0.715001	-1.3986	0.199018	3.8839	3.8839	0.272679	3.13124	3.13124	0.657806	1.56156	1.56156	0.0127571	22.0546	22.0546	0.0480596	9.57488	9.57488	0.0764881	7.17158	7.17158	2.15864	34.1731	14.0718	1
cg03637179	TAF6;TAF6;TAF6;TAF6;TAF6;CNPY4;TAF6	0.146071	0.108202	0.73711	-1.35665	0.319537	1.19606	1.19606	0.108928	1.35565	1.35565	0.0597766	0.690942	-1.4473	0.763802	1.05385	1.05385	0.513727	0.89113	-1.12217	0.154843	0.767203	-1.30344	0.195	0.787748	-1.26944	0.203154	0.791512	-1.2634	2.15863	1.03564	0.42646	1
cg08682341	INPP5A	0.146072	0.720168	1.14476	1.14476	0.0123079	3.22701	3.22701	?	?	?	?	?	?	?	?	?	0.18551	1.69491	1.69491	0.895464	0.951796	-1.05065	0.517186	1.27991	1.27991	0.166219	1.74164	1.74164	2.22522	3.31845	1.98839	1
cg08654262	DDAH1;DDAH1	0.146072	0.00810124	0.310081	-3.22496	0.903066	0.958796	-1.04298	0.348595	0.716585	-1.39551	0.245779	0.657554	-1.52079	0.167386	0.601541	-1.6624	0.562168	0.816776	-1.22433	0.0471731	0.456411	-2.19101	0.999865	0.999942	-1.00006	0.165293	0.59983	-1.66714	2.15862	4.0775	1.67905	1
cg06528097	FOSB;FOSB	0.146072	0.0925975	0.811309	-1.23258	0.809548	1.02766	1.02766	0.875613	0.982457	-1.01786	0.0220323	0.73324	-1.36381	0.528049	0.930319	-1.0749	0.197499	0.857349	-1.16639	0.0209424	0.730596	-1.36875	0.237942	0.869647	-1.14989	0.230833	0.86761	-1.15259	2.15862	0.436402	0.179704	1
cg00996847	FGGY;FGGY	0.146075	0.192733	0.538669	-1.85643	0.0120599	0.245401	-4.07496	0.306294	0.621682	-1.60854	0.297308	1.624	1.624	0.171969	0.52074	-1.92034	0.677676	0.828967	-1.20632	0.965089	0.98055	-1.01984	0.255389	1.7038	1.7038	0.772927	1.13864	1.13864	2.1586	6.88512	2.83522	1
cg00484628	ZSCAN5A	0.146077	0.309247	0.769001	-1.30039	0.163299	0.689768	-1.44976	0.0180411	0.488195	-2.04836	0.346171	0.784933	-1.27399	0.241858	0.736555	-1.35767	0.0821887	0.618379	-1.61713	0.260621	1.34027	1.34027	0.0908334	0.628137	-1.59201	0.514646	0.847947	-1.17932	2.15859	2.13007	0.877144	1
ch.15.979660F	PTPLAD1	0.146086	0.687167	1.26277	1.26277	0.0310931	0.232622	-4.29882	0.303358	1.84856	1.84856	0.0202895	0.199351	-5.01629	0.908549	1.06847	1.06847	0.629413	1.32343	1.32343	0.269434	0.515403	-1.94023	0.39867	0.607751	-1.64541	0.44575	0.638933	-1.56511	2.15853	11.3546	4.67587	1
cg18462168	CYFIP1	0.146086	0.797672	0.95587	-1.04617	0.0536618	1.46956	1.46956	0.06615	1.43636	1.43636	0.763593	0.948385	-1.05442	0.633151	1.08815	1.08815	0.833397	0.96367	-1.0377	0.0996405	0.728295	-1.37307	0.186542	0.781915	-1.27891	0.18395	1.281	1.281	2.15853	1.0552	0.434534	1
cg04528333	JAKMIP1;JAKMIP1	0.146087	0.256926	1.32577	1.32577	0.494971	1.17957	1.17957	0.229647	1.3504	1.3504	0.833126	1.05157	1.05157	0.175405	1.40975	1.40975	0.0948118	1.5489	1.5489	0.023731	1.90289	1.90289	0.0142451	2.0555	2.0555	0.435765	1.20864	1.20864	2.15852	1.9417	0.799601	1
cg00417025	PROX1	0.14609	0.224496	0.760447	-1.31502	0.095183	0.674682	-1.48218	0.157082	0.722682	-1.38373	0.677608	0.914178	-1.09388	0.901381	1.02696	1.02696	0.925767	1.0202	1.0202	0.0142792	1.91277	1.91277	0.857069	0.962045	-1.03945	0.811877	0.950113	-1.05251	2.1585	1.57478	0.648509	1
cg10475477	CCDC134	0.146092	0.663981	1.08232	1.08232	0.0859819	1.40973	1.40973	0.120257	1.35666	1.35666	0.709829	0.934591	-1.06999	0.114032	1.365	1.365	0.594941	0.907443	-1.102	0.178229	0.771906	-1.2955	0.0902258	1.40204	1.40204	0.0803893	1.42052	1.42052	2.15848	1.11982	0.461155	1
cg18127395	DYNC1I1;DYNC1I1;DYNC1I1	0.146093	0.497328	1.42163	1.42163	0.0211497	0.242854	-4.1177	0.827045	0.894295	-1.1182	0.319262	0.591257	-1.69131	0.728608	0.837075	-1.19464	0.767879	0.859751	-1.16313	0.0499098	3.13208	3.13208	0.728874	1.19442	1.19442	0.200589	1.99413	1.99413	2.15848	8.911	3.66967	1
cg10485466	CIB1;C15orf58	0.146094	0.17324	0.834907	-1.19774	0.18518	0.839496	-1.19119	0.0271493	0.722078	-1.38489	0.766645	1.03775	1.03775	0.292129	0.872762	-1.14579	0.262011	1.15677	1.15677	0.040925	0.745443	-1.34148	0.910698	1.01407	1.01407	0.279915	0.869482	-1.15011	2.15847	0.529978	0.218252	1
cg09552399	ZNF646	0.146096	0.52299	0.898276	-1.11324	0.0364379	1.49625	1.49625	0.0417658	0.6778	-1.47536	0.125057	1.31672	1.31672	0.241005	1.22557	1.22557	0.990927	0.998117	-1.00189	0.451643	1.13551	1.13551	0.482319	1.12562	1.12562	0.960026	0.991729	-1.00834	2.15846	0.938783	0.386607	1
cg02888867	TRPM7	0.146097	0.669859	0.93002	-1.07525	0.186611	0.789124	-1.26723	0.0512423	0.686937	-1.45574	0.0245127	0.635573	-1.57338	0.799973	0.957959	-1.04389	0.929347	1.01511	1.01511	0.27728	0.826016	-1.21063	0.707032	1.06595	1.06595	0.129254	1.31956	1.31956	2.15845	0.978248	0.40286	1
cg20370783	NPAS2	0.1461	0.28067	1.16663	1.16663	0.141011	0.804449	-1.24309	0.412074	1.12217	1.12217	0.119678	1.26119	1.26119	0.609658	1.07334	1.07334	0.298609	1.1596	1.1596	0.0106301	1.55504	1.55504	0.330833	1.14787	1.14787	0.628862	1.06923	1.06923	2.15843	0.645731	0.265927	1
cg24937706	RB1	0.1461	0.0893006	1.37861	1.37861	0.735938	0.943645	-1.05972	0.871585	0.972658	-1.02811	0.57505	0.907493	-1.10194	0.241594	1.23375	1.23375	0.138935	1.31384	1.31384	0.0257878	0.63528	-1.57411	0.58398	0.909587	-1.0994	0.306576	0.834103	-1.19889	2.15843	1.00392	0.413439	1
cg23980760	ACCSL;ACCSL	0.146102	0.0980854	2.40813	2.40813	0.530164	1.36071	1.36071	0.0299792	0.290363	-3.44397	0.139688	0.463123	-2.15925	0.450876	0.689302	-1.45074	0.180557	0.502248	-1.99105	0.582399	0.764158	-1.30863	0.444791	1.45833	1.45833	0.442098	1.46172	1.46172	2.15841	8.01914	3.30248	1
cg01224730	KLF15	0.146104	0.0878627	0.5173	-1.93311	0.911034	0.961646	-1.03988	0.808796	1.08853	1.08853	0.657185	1.16916	1.16916	0.00650613	0.290129	-3.44674	0.346856	0.712524	-1.40346	0.264177	0.665489	-1.50265	0.191159	0.616147	-1.62299	0.624812	0.841593	-1.18822	2.1584	4.18522	1.72359	1
cg17865033	ARNT2	0.146111	0.0286715	0.237198	-4.21588	0.185205	0.456917	-2.18858	0.92478	0.948718	-1.05405	0.605881	0.748155	-1.33662	0.0234538	0.221123	-4.52236	0.248581	0.510505	-1.95884	0.0382033	0.262069	-3.81578	0.453605	0.653393	-1.53047	0.205749	0.475149	-2.1046	2.15835	10.623	4.37496	1
cg19624681	MBNL2;MBNL2	0.146116	0.392638	1.28283	1.28283	0.0653192	1.80116	1.80116	0.063663	1.80937	1.80937	0.540704	1.1926	1.1926	0.580912	1.17185	1.17185	0.715724	1.10962	1.10962	0.0368563	1.99283	1.99283	0.0245867	2.14139	2.14139	0.671411	0.885717	-1.12903	2.15832	2.76499	1.13874	1
cg20935627	SIX4	0.146117	0.144814	0.783715	-1.27597	0.192359	1.23953	1.23953	0.974824	0.995101	-1.00492	0.0525927	0.70968	-1.40909	0.108366	1.31335	1.31335	0.472291	0.89246	-1.1205	0.185064	0.803536	-1.2445	0.416818	1.13785	1.13785	0.333214	1.16805	1.16805	2.15831	0.827849	0.340946	1
cg04853906	MT3	0.146119	0.341649	1.32419	1.32419	0.324284	0.74697	-1.33874	0.882496	1.0433	1.0433	0.174395	1.51293	1.51293	0.0900032	1.70834	1.70834	0.659187	1.13564	1.13564	0.0741869	0.565415	-1.76861	0.238975	0.70228	-1.42393	0.0896655	1.7095	1.7095	2.15829	2.80742	1.15623	1
cg23762517	HIVEP3;HIVEP3;HIVEP3;HIVEP3	0.14612	0.775627	1.08895	1.08895	0.106035	1.69284	1.69284	0.0623202	1.86952	1.86952	0.14611	1.59244	1.59244	0.35982	0.755221	-1.32412	0.256269	1.42385	1.42385	0.286983	0.686288	-1.45711	0.441281	0.79124	-1.26384	0.0794572	1.78696	1.78696	2.15829	3.03956	1.25184	1
cg18536607	CHSY1	0.14612	0.118156	0.58139	-1.72001	0.542635	0.821188	-1.21775	0.504986	1.24141	1.24141	0.353669	0.737086	-1.35669	0.495729	1.24746	1.24746	0.797292	1.08576	1.08576	0.557735	1.20866	1.20866	0.990014	0.996007	-1.00401	0.00718679	0.329812	-3.03203	2.15829	3.49291	1.43855	1
cg25896975	SNX17;EIF2B4;SNX17;EIF2B4;EIF2B4	0.146121	0.203847	0.8369	-1.19489	0.208892	1.19228	1.19228	0.383572	1.12595	1.12595	0.293203	0.865223	-1.15577	0.575564	0.927651	-1.07799	0.20364	0.836825	-1.19499	0.075604	0.769059	-1.30029	0.308987	1.15003	1.15003	0.0788548	1.29576	1.29576	2.15828	0.602529	0.248152	1
cg20725880	ARL14;ARL14	0.146125	0.0444238	1.80782	1.80782	0.23448	1.37666	1.37666	0.0935485	1.60492	1.60492	0.857404	1.04721	1.04721	0.168563	0.686387	-1.4569	0.163615	1.46422	1.46422	0.39187	1.25233	1.25233	0.0409757	1.83124	1.83124	0.638995	1.12884	1.12884	2.15826	2.24886	0.926204	1
cg14750757	MGLL;MGLL	0.146125	0.209958	0.506053	-1.97608	0.34325	1.65424	1.65424	0.61851	1.29537	1.29537	0.71632	0.828506	-1.20699	0.0389236	0.291594	-3.42943	0.55066	0.732523	-1.36514	0.0293022	0.26618	-3.75686	0.0766068	0.362273	-2.76035	0.905564	1.06309	1.06309	2.15825	9.08408	3.74134	1
cg10775576	CLCN4	0.14613	0.0473166	0.345146	-2.89732	0.15602	0.490938	-2.03692	0.361834	0.644432	-1.55175	0.491582	1.38746	1.38746	0.0633889	0.375828	-2.66079	0.562009	1.31631	1.31631	0.67577	1.21796	1.21796	0.189718	1.91773	1.91773	0.295053	1.66371	1.66371	2.15822	7.51122	3.09359	1
cg03742003	SLIT2;SLIT2	0.14613	0.109813	0.774338	-1.29143	0.557221	1.091	1.091	0.300725	1.17038	1.17038	0.10677	0.772318	-1.2948	0.305199	1.16857	1.16857	0.160739	0.802665	-1.24585	0.527228	0.910295	-1.09855	0.199417	0.819616	-1.22008	0.0903966	1.3149	1.3149	2.15822	0.735788	0.303044	1
cg00979348	HPSE;HPSE;HPSE	0.146132	0.336094	0.769163	-1.30011	0.0867218	1.64975	1.64975	0.254504	1.37003	1.37003	0.165989	0.676461	-1.47828	0.148657	0.66372	-1.50666	0.220206	0.710999	-1.40647	0.0597447	0.569984	-1.75443	0.53781	1.17948	1.17948	0.897659	1.03464	1.03464	2.15821	2.39326	0.985697	1
cg07873320	C6orf227	0.146134	0.118544	3.24167	3.24167	0.217501	2.46078	2.46078	0.649545	1.3737	1.3737	0.371021	1.89182	1.89182	0.656711	1.36407	1.36407	0.0685829	4.1162	4.1162	0.0177807	7.39051	7.39051	0.0352746	5.48344	5.48344	0.120894	3.21363	3.21363	2.15819	16.4659	6.78177	1
cg12008066	ETFDH;ETFDH;C4orf46	0.146135	0.279409	0.779195	-1.28338	0.0979257	0.668439	-1.49602	0.0594232	0.623699	-1.60334	0.690244	0.914959	-1.09294	0.0451835	0.600594	-1.66502	0.425691	0.834875	-1.19778	0.282071	0.780352	-1.28147	0.218514	1.33262	1.33262	0.281315	1.28201	1.28201	2.15818	1.68251	0.692976	1
cg10745802	RAB7A	0.146137	0.753339	1.03578	1.03578	0.194319	1.16546	1.16546	0.379623	1.10573	1.10573	0.088079	1.23354	1.23354	0.298041	1.12783	1.12783	0.907982	1.01298	1.01298	0.0474648	0.776594	-1.28767	0.962419	0.99476	-1.00527	0.0408091	1.30122	1.30122	2.15817	0.425026	0.175056	1
cg25781595	GRIN2D	0.146138	0.0842257	7.08117	7.08117	0.359892	2.62365	2.62365	0.318753	2.8745	2.8745	0.282372	3.1414	3.1414	0.131339	5.30775	5.30775	0.0953423	6.53814	6.53814	0.0150252	21.3904	21.3904	0.0502018	9.85212	9.85212	0.129115	5.36768	5.36768	2.15816	35.8892	14.7818	1
cg13508402	SND1;LRRC4	0.146138	0.934415	0.941941	-1.06164	0.299238	0.457545	-2.18558	0.369529	1.95374	1.95374	0.863888	0.882767	-1.1328	0.0490311	0.195315	-5.11992	0.165979	0.341783	-2.92583	0.0123258	0.103851	-9.62922	0.764334	1.24421	1.24421	0.405658	0.538868	-1.85574	2.15816	18.0524	7.43531	1
cg07389471	ENAH;ENAH	0.146141	0.7735	0.945907	-1.05719	0.175744	0.757712	-1.31976	0.0290645	0.609098	-1.64177	0.0955525	0.702671	-1.42314	0.192327	0.766485	-1.30466	0.629465	1.09822	1.09822	0.113539	1.39354	1.39354	0.885957	1.02804	1.02804	0.25596	0.795702	-1.25675	2.15814	1.26943	0.522849	1
cg14185547	BOP1	0.146145	0.612903	1.17941	1.17941	0.643089	0.859909	-1.16291	0.291822	1.42442	1.42442	0.212229	1.52957	1.52957	0.667235	0.869446	-1.15016	0.457986	0.783143	-1.27691	0.168942	0.622479	-1.60648	0.121414	0.58093	-1.72138	0.0234201	2.40085	2.40085	2.15811	3.57558	1.47272	1
cg25462189	PHF20L1;PHF20L1;PHF20L1	0.146146	0.799501	0.879946	-1.13643	0.294757	1.72641	1.72641	0.965936	0.978769	-1.02169	0.796216	1.13888	1.13888	0.0496932	0.324634	-3.0804	0.430225	0.667242	-1.49871	0.0126044	0.210396	-4.75294	0.794714	1.14	1.14	0.192435	0.499946	-2.00021	2.1581	8.63083	3.5549	1
cg20061155	RSPO2	0.146147	0.0364947	0.679195	-1.47233	0.782763	1.04497	1.04497	0.627736	0.925177	-1.08087	0.308107	1.18281	1.18281	0.149069	0.781725	-1.27922	0.292054	1.19004	1.19004	0.0902788	0.742974	-1.34594	0.983043	0.996623	-1.00339	0.153782	1.27511	1.27511	2.1581	0.865748	0.356588	1
cg16524193	TBC1D23	0.146147	0.74747	1.10194	1.10194	0.100503	1.74784	1.74784	?	?	?	0.831058	0.937863	-1.06625	0.101053	0.572785	-1.74586	0.361442	0.752505	-1.32889	?	?	?	0.118836	1.68806	1.68806	0.102017	1.74242	1.74242	2.46263	2.60198	0.905648	1
cg09906751	ZNF365;ZNF365;ZNF365	0.146148	0.276459	0.805845	-1.24093	0.752295	1.06224	1.06224	0.698657	0.928502	-1.077	0.421256	0.854985	-1.16961	0.149757	1.34243	1.34243	0.95772	0.989941	-1.01016	0.489024	0.874567	-1.14342	0.00654435	0.509853	-1.96135	0.865566	1.03284	1.03284	2.15809	1.24287	0.511923	1
cg05862393	SLC5A12	0.14615	0.0362624	1.76867	1.76867	0.779518	0.936382	-1.06794	0.117357	0.671409	-1.4894	0.468996	0.841515	-1.18833	0.440208	0.831634	-1.20245	0.927419	0.978887	-1.02157	0.0533199	0.598018	-1.67219	0.30506	1.28243	1.28243	0.330178	0.790296	-1.26535	2.15808	1.87494	0.77227	1
cg10504892	ABI3;ABI3	0.146156	0.537435	1.14581	1.14581	0.436246	0.841031	-1.18902	0.0920902	0.667531	-1.49806	0.389533	1.21191	1.21191	0.931743	0.981501	-1.01885	0.0317253	0.577627	-1.73122	0.342309	1.23771	1.23771	0.657875	0.907423	-1.10202	0.0436075	0.603089	-1.65813	2.15804	1.62385	0.668859	1
cg19734752	ABCC3	0.146157	0.434244	0.633216	-1.57924	0.0121293	0.166844	-5.99362	0.0231202	0.211098	-4.73713	0.897929	1.07627	1.07627	0.90813	0.936026	-1.06835	0.335002	0.565865	-1.76721	0.647579	0.768291	-1.30159	0.346567	0.574007	-1.74214	0.532518	1.43629	1.43629	2.15803	11.2099	4.61736	1
cg05688026	AP1AR;AP1AR	0.146161	0.0394742	1.48483	1.48483	0.1997	1.25214	1.25214	0.14803	1.29374	1.29374	0.915411	0.982522	-1.01779	0.281056	0.830323	-1.20435	0.697714	1.06692	1.06692	0.09191	0.734962	-1.36062	0.431899	1.14239	1.14239	0.152389	1.28971	1.28971	2.158	0.941364	0.387751	1
cg20251110	NCOR2;NCOR2	0.146163	0.923205	0.975647	-1.02496	0.687204	1.10905	1.10905	0.241641	0.730964	-1.36806	0.863339	1.04504	1.04504	0.741132	1.08847	1.08847	0.473776	0.83003	-1.20478	0.275208	0.74806	-1.33679	0.0180509	2.08433	2.08433	0.0502736	1.76941	1.76941	2.15799	2.23466	0.920471	1
cg17493098	PECR;TMEM169;TMEM169;TMEM169;TMEM169	0.146164	0.337497	0.794168	-1.25918	0.822513	0.948984	-1.05376	0.616795	0.889064	-1.12478	0.257641	0.759325	-1.31696	0.0534748	0.599774	-1.6673	0.901295	1.02934	1.02934	0.00891241	0.460443	-2.17182	0.337207	1.25936	1.25936	0.618584	0.889604	-1.1241	2.15798	1.85658	0.764741	1
cg22932628	KIAA1199	0.146166	0.854145	1.03975	1.03975	0.0235443	1.77345	1.77345	0.113005	1.4411	1.4411	0.541017	1.14007	1.14007	0.722925	0.92736	-1.07833	0.210162	0.755975	-1.3228	0.0749567	1.52214	1.52214	0.313012	0.801662	-1.24741	0.715128	1.08074	1.08074	2.15796	1.53373	0.631759	1
cg11380128	PRLH	0.146169	0.0627095	0.346491	-2.88607	0.0256427	0.26143	-3.82511	0.0632011	0.347344	-2.87899	0.469378	0.689005	-1.45137	0.083042	0.378617	-2.64119	0.131603	0.438796	-2.27896	0.272685	0.561149	-1.78206	0.0955442	0.395872	-2.52607	0.109858	0.413945	-2.41578	2.15795	8.75318	3.60556	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09087462	GPRC5A	0.146172	0.00415474	0.35108	-2.84836	0.830885	1.06	1.06	0.184753	0.681642	-1.46705	0.762014	0.920579	-1.08627	0.394189	0.788376	-1.26843	0.497474	0.828886	-1.20644	0.242729	0.716711	-1.39526	0.18229	0.679993	-1.4706	0.881808	0.960276	-1.04137	2.15792	2.53701	1.04504	1
cg01585069	SLCO5A1;SLCO5A1;SLCO5A1	0.146172	0.203741	1.34655	1.34655	0.439135	1.19128	1.19128	0.548997	1.14396	1.14396	0.405835	1.2076	1.2076	0.438906	1.19139	1.19139	0.748015	1.07411	1.07411	0.00463157	2.30614	2.30614	0.0664096	1.57876	1.57876	0.268924	1.29097	1.29097	2.15792	1.68154	0.692657	1
cg25023262	MED24;MED24	0.146173	0.0368142	0.728719	-1.37227	0.185376	1.20113	1.20113	0.8245	0.971434	-1.02941	0.18321	0.831705	-1.20235	0.119845	1.24633	1.24633	0.605709	0.934308	-1.07031	0.188323	0.833688	-1.19949	0.832428	1.02803	1.02803	0.237745	1.17514	1.17514	2.15792	0.581935	0.239711	1
cg03153608	RPS6KA4;RPS6KA4	0.146175	0.703925	1.24711	1.24711	0.676204	1.27499	1.27499	0.930739	1.05156	1.05156	0.961634	1.02821	1.02821	0.136593	0.395512	-2.52837	0.234653	0.486502	-2.05549	0.657211	0.772349	-1.29475	0.00507075	0.117311	-8.52434	0.91691	1.06222	1.06222	2.15791	11.4329	4.70947	1
cg07033790	SMAD5;SMAD5;SMAD5	0.146176	0.0968709	0.338543	-2.95384	0.253264	0.492064	-2.03226	0.043705	0.252075	-3.96707	0.74398	1.21503	1.21503	0.0257585	0.207241	-4.8253	0.845047	1.12333	1.12333	0.052574	0.269862	-3.7056	0.485719	0.656385	-1.5235	0.355619	0.568509	-1.75899	2.1579	12.0721	4.97279	1
cg01515136	ACAP3	0.146176	0.058043	2.58797	2.58797	0.0891644	2.29786	2.29786	0.305383	1.60167	1.60167	0.166761	1.92377	1.92377	0.0987724	2.23311	2.23311	0.239007	1.72859	1.72859	0.0193934	3.50657	3.50657	0.0887402	2.30091	2.30091	0.113576	2.14719	2.14719	2.15789	6.73226	2.77318	1
cg27487903	NDST3	0.146178	0.148123	0.476186	-2.10002	0.915816	0.950689	-1.05187	0.0451077	0.333044	-3.0026	0.0565366	0.356147	-2.80783	0.178194	0.504516	-1.9821	0.695698	0.828624	-1.20682	0.055157	0.353543	-2.82851	0.0475464	0.338293	-2.95602	0.761703	1.15656	1.15656	2.15789	7.81663	3.21987	1
cg00688236	KBTBD11	0.14618	0.106186	0.298819	-3.3465	0.0143924	0.114708	-8.71779	0.7393	0.801211	-1.24811	?	?	?	0.682853	1.31363	1.31363	0.117372	0.312866	-3.19626	0.353038	1.89629	1.89629	0.580096	0.68956	-1.4502	0.794047	0.840689	-1.1895	2.44382	14.3924	4.41699	1
cg22905282	PYROXD2	0.14618	0.0951154	0.654637	-1.52756	0.156091	0.704304	-1.41984	0.313339	0.785909	-1.27241	0.0854467	0.644531	-1.55151	0.0318831	0.559352	-1.78778	0.211251	0.737657	-1.35564	0.0288921	0.551463	-1.81336	0.869226	1.0388	1.0388	0.964929	1.01021	1.01021	2.15787	1.82401	0.751362	1
cg10512408	CDC40	0.14618	0.312594	0.62039	-1.61189	0.122569	2.14843	2.14843	0.875657	1.07419	1.07419	0.159711	1.98712	1.98712	0.233998	1.7687	1.7687	0.367365	1.52687	1.52687	0.594136	0.782067	-1.27866	0.0100242	4.41802	4.41802	0.729482	1.17195	1.17195	2.15787	7.13925	2.94086	1
cg12662162	C6orf106;C6orf106	0.146185	0.916969	1.01239	1.01239	0.251839	0.868216	-1.15179	0.074864	0.7912	-1.2639	0.642386	0.946292	-1.05676	0.0517186	0.769996	-1.29871	0.721693	0.958657	-1.04313	0.133049	1.21084	1.21084	0.283654	1.14053	1.14053	0.170636	1.18797	1.18797	2.15784	0.47625	0.196184	1
cg04110886	PEX14	0.146187	0.258718	0.314805	-3.17657	0.0124919	0.0474458	-21.0767	0.0463739	0.106665	-9.37514	0.726247	1.41167	1.41167	0.154266	0.224072	-4.46284	0.983622	0.980068	-1.02034	0.57711	0.575498	-1.73763	0.342806	0.38343	-2.60803	0.47443	2.04111	2.04111	2.15782	32.8772	13.5434	1
cg11861043	QRICH1;QRICH1	0.146189	0.604579	0.888117	-1.12598	0.0337754	1.75599	1.75599	0.128144	1.45292	1.45292	0.681315	1.09833	1.09833	0.187149	0.727925	-1.37377	0.727569	1.08268	1.08268	0.0688571	0.629725	-1.58799	0.654083	1.10788	1.10788	0.408204	0.825188	-1.21184	2.1578	1.76306	0.726279	1
cg06845655	TMEM126A	0.146191	0.229103	0.483764	-2.06712	0.154574	0.416158	-2.40293	0.439026	0.63501	-1.57478	0.71492	1.23499	1.23499	0.409763	1.62423	1.62423	0.0448612	0.26588	-3.7611	0.120345	0.379306	-2.63639	0.441171	1.5713	1.5713	0.0376221	0.249668	-4.00532	2.1578	11.3132	4.66038	1
cg03927037	ARHGAP20	0.146191	?	?	?	0.935113	1.09409	1.09409	?	?	?	?	?	?	0.0450146	0.0503524	-19.86	?	?	?	0.251091	0.248744	-4.0202	?	?	?	?	?	?	3.18518	17.8491	7.47171	1
cg25515997	ANXA2;ANXA2;ANXA2;ANXA2	0.146192	0.840253	1.06905	1.06905	0.911368	0.963833	-1.03752	0.204883	0.642408	-1.55664	0.893567	0.956682	-1.04528	0.00787722	0.323747	-3.08883	0.318354	0.710924	-1.40662	0.14859	1.66956	1.66956	0.595016	1.19422	1.19422	0.766215	0.906067	-1.10367	2.15778	3.74014	1.54073	1
cg13252204	TTC4	0.146196	0.0279038	1.58317	1.58317	0.930618	0.984719	-1.01552	0.0330856	0.643632	-1.55368	0.130775	1.33449	1.33449	0.616792	1.09332	1.09332	0.524946	1.12067	1.12067	0.54868	1.11328	1.11328	0.77094	0.949685	-1.05298	0.499689	1.12881	1.12881	2.15776	1.06866	0.440236	1
cg08235349	LOC642597	0.146196	0.174599	0.496813	-2.01283	0.671482	0.81329	-1.22957	0.499675	0.717531	-1.39367	0.0782196	0.387571	-2.58017	0.665749	0.810137	-1.23436	0.243975	0.554028	-1.80496	0.00745749	0.188413	-5.30749	0.105846	0.424966	-2.35313	0.139208	0.462545	-2.16195	2.15776	8.0203	3.30397	1
cg25151376	UNC84A;UNC84A	0.146198	0.40889	1.24139	1.24139	0.123984	1.53184	1.53184	0.432819	1.22743	1.22743	0.536674	0.852002	-1.17371	0.550781	1.1671	1.1671	0.549044	0.856233	-1.16791	0.246091	1.36417	1.36417	0.860333	0.955915	-1.04612	0.0124105	0.450825	-2.21815	2.15774	2.23969	0.922645	1
cg04804648	KIF19	0.146198	0.093217	9.51863	9.51863	0.101971	8.88361	8.88361	0.18168	5.64051	5.64051	0.391989	2.91574	2.91574	0.182222	5.62695	5.62695	0.34776	3.25324	3.25324	0.210981	4.99373	4.99373	0.0178323	33.5905	33.5905	0.0280419	23.7224	23.7224	2.15774	50.8825	20.9612	1
cg08117431	ZNRF4;ZNRF4	0.146199	0.0756048	0.0649088	-15.4062	0.411895	3.1903	3.1903	0.917491	1.15406	1.15406	0.80206	0.706583	-1.41526	0.0282466	0.0278246	-35.9395	0.203636	0.156405	-6.39366	0.249067	0.189033	-5.29007	0.0360792	0.0343621	-29.1018	0.248502	0.188623	-5.30157	2.15774	65.3377	26.9162	1
cg25519033	TMEM80;TMEM80;DEAF1;DEAF1	0.146199	0.111641	1.88135	1.88135	0.974949	0.988612	-1.01152	0.498655	0.778382	-1.28472	0.918343	0.963286	-1.03811	0.0185189	0.352835	-2.83418	0.321359	0.688182	-1.4531	0.0571649	0.456161	-2.19221	0.75523	1.12083	1.12083	0.740049	1.12913	1.12913	2.15774	4.54664	1.87301	1
cg06836338	ATPAF2;C17orf39	0.146204	0.147741	0.710076	-1.4083	0.153303	0.713841	-1.40087	0.083764	0.655808	-1.52484	0.0746148	0.645435	-1.54934	0.957912	1.0117	1.0117	0.473052	0.85139	-1.17455	0.0119439	0.500822	-1.99672	0.123309	0.692107	-1.44486	0.360514	0.812828	-1.23027	2.1577	1.66082	0.684192	1
cg00373436	TAGLN3;TAGLN3;TAGLN3	0.146205	0.0860668	0.234124	-4.27124	0.849874	1.1561	1.1561	0.601408	1.49699	1.49699	0.52052	0.607397	-1.64637	0.0355977	0.153741	-6.50446	0.469638	0.569437	-1.75612	0.0146512	0.100211	-9.97896	0.348939	0.478012	-2.092	0.276717	0.420619	-2.37745	2.15769	20.0241	8.24919	1
cg06257227	BRIP1	0.146206	0.624833	0.900786	-1.11014	0.0118454	0.513682	-1.94673	0.462244	1.17194	1.17194	0.267337	0.782716	-1.2776	0.292313	1.26066	1.26066	0.337243	1.23337	1.23337	0.411938	1.19466	1.19466	0.568331	0.884927	-1.13004	0.215532	0.758537	-1.31833	2.15769	1.536	0.632777	1
cg04529724	RAET1G	0.146209	0.600158	0.790587	-1.26488	0.0486718	0.36773	-2.71939	0.25531	0.590007	-1.6949	0.114752	0.466726	-2.14258	0.090549	0.436701	-2.28989	0.0996779	0.448594	-2.22919	0.586783	0.783636	-1.2761	0.0906443	2.28922	2.28922	0.584892	0.782651	-1.27771	2.15767	6.74496	2.77871	1
cg13983578	DUSP4;DUSP4	0.146209	0.18461	1.47322	1.47322	0.689412	1.11696	1.11696	0.33721	1.31315	1.31315	0.751274	0.916168	-1.0915	0.205229	1.44485	1.44485	0.427969	0.800253	-1.24961	0.464843	1.2273	1.2273	0.0872578	1.68182	1.68182	0.00883735	2.50368	2.50368	2.15767	2.59075	1.06731	1
cg00293996	CLDN14;CLDN14	0.146213	0.445589	1.289	1.289	0.604167	1.1862	1.1862	0.216849	0.65426	-1.52844	0.714782	1.12731	1.12731	0.640624	1.16591	1.16591	0.264106	1.46235	1.46235	0.00864294	2.98329	2.98329	0.189141	1.57487	1.57487	0.112689	1.75726	1.75726	2.15764	3.64262	1.50066	1
cg24599434	GHSR;GHSR	0.146215	0.786975	0.811524	-1.23225	0.360174	2.06538	2.06538	0.130403	3.52352	3.52352	0.391881	0.508482	-1.96664	0.969368	1.03005	1.03005	0.432113	0.538946	-1.85547	0.965036	0.966768	-1.03437	0.00692078	14.8021	14.8021	0.523094	1.64705	1.64705	2.15762	20.3132	8.36857	1
cg25023241	CCDC21	0.146217	0.172499	0.855042	-1.16953	0.0318354	0.762356	-1.31172	0.391518	1.09932	1.09932	0.853148	1.02019	1.02019	0.224869	1.1474	1.1474	0.411797	1.09474	1.09474	0.0845507	0.814015	-1.22848	0.266301	1.13307	1.13307	0.873918	0.983018	-1.01728	2.15761	0.397527	0.163773	1
cg18228683	D2HGDH	0.146219	0.947207	1.01221	1.01221	0.103701	0.721645	-1.38572	0.258159	0.805481	-1.24149	0.302362	1.21638	1.21638	0.928193	1.01666	1.01666	0.700952	0.9317	-1.07331	0.217377	0.788261	-1.26862	0.0570072	1.48413	1.48413	0.0655928	1.46058	1.46058	2.15759	1.14855	0.47318	1
cg03225664	ROR1;ROR1	0.146221	0.551318	0.734476	-1.36151	0.496115	0.702012	-1.42448	0.0129142	0.205953	-4.85547	0.23375	1.89484	1.89484	0.0622082	0.341366	-2.92941	0.808756	0.883254	-1.13218	0.0965303	0.39292	-2.54505	0.574855	0.748152	-1.33663	0.738192	0.842195	-1.18737	2.15758	8.95681	3.69006	1
cg10466968	COL25A1;COL25A1	0.146223	0.116724	0.49774	-2.00908	0.0187296	0.31155	-3.20976	0.154873	0.536212	-1.86494	0.142944	0.524925	-1.90503	0.18148	0.559528	-1.78722	0.767602	0.885761	-1.12897	0.180915	1.78873	1.78873	0.777852	0.890671	-1.12275	0.878177	1.0648	1.0648	2.15757	5.72603	2.35905	1
cg07222059	C12orf5	0.146223	0.453755	0.887204	-1.12714	0.422188	1.13721	1.13721	0.42574	0.880247	-1.13604	0.535259	1.10348	1.10348	0.111709	1.31214	1.31214	0.588458	1.08945	1.08945	0.00661057	1.73835	1.73835	0.33328	1.16942	1.16942	0.681118	1.06695	1.06695	2.15756	0.840391	0.34623	1
cg22687346	TMEM67;TMEM67;TMEM67	0.146232	0.423686	1.4039	1.4039	0.254898	0.61046	-1.63811	0.864166	0.931378	-1.07368	0.111757	0.487192	-2.05258	0.308762	0.645737	-1.54862	0.375492	0.685482	-1.45883	0.00924256	0.253687	-3.94187	0.430615	1.39654	1.39654	0.753176	1.13994	1.13994	2.1575	5.8902	2.42675	1
cg01382864	PTPRN	0.146232	0.122233	1.70777	1.70777	0.763027	1.10144	1.10144	0.127164	1.69403	1.69403	0.984709	1.00614	1.00614	0.329826	0.725189	-1.37895	0.0524707	2.02302	2.02302	0.0607732	0.508937	-1.96488	0.86376	0.946602	-1.05641	0.298338	1.41122	1.41122	2.1575	3.48867	1.43733	1
cg19426266	ZEB2;ZEB2	0.146234	0.179637	2.87455	2.87455	0.381617	1.94411	1.94411	0.332315	0.476659	-2.09793	0.0994764	3.81039	3.81039	0.570361	1.52946	1.52946	0.224949	2.57091	2.57091	0.540387	1.58279	1.58279	0.00850088	12.0412	12.0412	0.253661	2.41857	2.41857	2.15749	18.7548	7.72699	1
cg01052854	SIKE1;SIKE1	0.146238	0.0264599	2.03279	2.03279	0.64317	1.13403	1.13403	0.747983	1.0908	1.0908	0.510718	1.19705	1.19705	0.14742	1.52058	1.52058	0.348961	1.29687	1.29687	0.163338	1.49347	1.49347	0.0167882	2.19636	2.19636	0.0704451	1.72481	1.72481	2.15746	2.48363	1.02327	1
cg24606533	PPAP2B;PPAP2B	0.146239	0.374634	0.678885	-1.473	0.258087	0.605587	-1.65129	0.0238532	0.317909	-3.14555	0.831274	1.09492	1.09492	0.41182	0.700017	-1.42854	0.0698513	0.422492	-2.36691	0.194191	0.55779	-1.79279	0.111876	2.08722	2.08722	0.43898	0.71499	-1.39862	2.15746	6.17226	2.54301	1
cg08690876	CYB5R3;CYB5R3;CYB5R3	0.146239	0.656002	0.898823	-1.11257	0.0541384	0.594502	-1.68208	0.204164	0.727	-1.37552	0.856722	1.04394	1.04394	0.0567455	0.598649	-1.67043	0.375516	1.24159	1.24159	0.0254925	0.531736	-1.88063	0.747259	1.07997	1.07997	0.397141	0.813598	-1.22911	2.15745	1.93428	0.796938	1
cg00160440	PCDH10	0.14624	0.373778	0.615342	-1.62511	0.0090816	0.171492	-5.83119	0.207276	0.492975	-2.0285	0.57195	1.35494	1.35494	0.171018	0.460591	-2.17112	0.162452	0.452415	-2.21036	0.229849	0.511675	-1.95437	0.133677	0.42302	-2.36395	0.766755	1.17141	1.17141	2.15745	9.66533	3.9822	1
cg05372828	KCNAB2;KCNAB2	0.146246	0.0633244	0.185785	-5.38255	0.302942	0.423133	-2.36332	0.244775	0.375048	-2.66632	0.186063	0.323034	-3.09565	0.0583557	0.178331	-5.60755	0.313956	0.431981	-2.31492	0.0329781	0.133991	-7.46321	0.037245	0.142426	-7.0212	0.0894188	0.221033	-4.52422	2.15741	22.1975	9.14575	1
cg03161839	ARHGEF1;ARHGEF1;ARHGEF1	0.14625	0.174808	0.843229	-1.18592	0.124992	0.821839	-1.21678	0.100137	0.80828	-1.23719	0.0193411	0.715914	-1.39682	0.623267	0.94318	-1.06024	0.820348	1.02724	1.02724	0.041869	0.757981	-1.31929	0.757833	1.03722	1.03722	0.976247	1.00352	1.00352	2.15738	0.476976	0.196525	1
cg16066237	RUNX1;RUNX1;RUNX1	0.146251	0.11654	0.693576	-1.4418	0.533867	0.873553	-1.14475	0.889868	0.970711	-1.03017	0.0117905	0.509257	-1.96365	0.136339	1.41107	1.41107	0.944066	0.985058	-1.01517	0.672082	1.09565	1.09565	0.44581	0.846414	-1.18146	0.453471	1.17803	1.17803	2.15737	1.57292	0.648079	1
cg25418670	C11orf46	0.146252	0.402885	0.725097	-1.37913	0.0149688	0.325186	-3.07516	0.175404	0.582109	-1.71789	0.269531	0.649358	-1.53998	0.168924	0.576723	-1.73394	0.027209	0.374741	-2.66851	0.168284	0.576183	-1.73556	0.148552	0.558855	-1.78937	0.142404	0.553145	-1.80784	2.15736	4.81794	1.98512	1
cg16489826	TCP1;TCP1;MRPL18	0.146256	0.432493	0.401679	-2.48955	0.870927	1.20057	1.20057	0.163497	5.72682	5.72682	0.0118	0.0160275	-62.3927	0.920839	1.11818	1.11818	0.682423	1.59022	1.59022	?	?	?	0.691951	0.638309	-1.56664	0.508755	0.467542	-2.13884	2.67974	43.7055	10.1935	1
cg00537121	ANKRD13D;ANKRD13D	0.146256	0.613529	0.812637	-1.23056	0.041987	2.59796	2.59796	0.0524569	2.45569	2.45569	0.82454	1.09468	1.09468	0.184234	0.563372	-1.77503	0.835841	0.918944	-1.08821	0.765292	1.12972	1.12972	0.234733	0.602056	-1.66098	0.17438	0.5551	-1.80148	2.15734	5.67064	2.33648	1
cg24366105	SNX8	0.146263	0.681776	0.875691	-1.14196	0.354766	0.736012	-1.35867	0.45607	0.78317	-1.27686	0.0275176	0.432016	-2.31473	0.0303162	0.440518	-2.27006	0.0217695	0.412034	-2.42699	0.950617	1.02014	1.02014	0.414882	0.764653	-1.30778	0.380825	0.748697	-1.33565	2.15729	3.5418	1.45936	1
cg00902496	BTBD19	0.146265	0.803657	0.95013	-1.05249	0.907326	1.0242	1.0242	0.953579	1.01202	1.01202	0.871044	0.967193	-1.03392	0.231859	0.771574	-1.29605	0.283157	1.25895	1.25895	0.0123324	0.515464	-1.94	0.129668	0.711657	-1.40517	0.0812994	0.668205	-1.49655	2.2698	1.48325	0.508255	1
cg25094735	NAPSB	0.146267	0.181506	0.215449	-4.64147	0.158056	0.195279	-5.12087	0.112863	6.47303	6.47303	0.576831	0.543297	-1.84061	0.71208	0.66953	-1.49358	0.400467	0.393992	-2.53812	0.0181598	0.0448537	-22.2947	0.454451	2.28095	2.28095	0.589182	1.80405	1.80405	2.15726	40.0163	16.4885	1
cg10318528	SFRP2	0.146267	0.293622	0.735068	-1.36042	0.488091	1.22021	1.22021	0.676619	1.12582	1.12582	0.0111218	0.406855	-2.45788	0.0961541	0.596775	-1.67567	0.698295	1.11634	1.11634	0.997122	1.00102	1.00102	0.246324	1.40853	1.40853	0.859039	1.05151	1.05151	2.15726	2.72739	1.12381	1
cg20894246	RANGAP1	0.146269	0.962596	0.995357	-1.00466	0.197314	0.873497	-1.14482	0.0301825	0.7765	-1.28783	0.604768	1.05318	1.05318	0.998184	1.00023	1.00023	0.154222	1.16341	1.16341	0.539919	1.06352	1.06352	0.101143	1.195	1.195	0.176826	1.15312	1.15312	2.15725	0.336474	0.138643	1
cg24585097	NCRNA00171	0.146273	0.0839831	0.440901	-2.26808	0.286599	1.60631	1.60631	0.33387	1.53248	1.53248	0.817377	1.10414	1.10414	0.0127639	0.265781	-3.76249	0.94716	1.02879	1.02879	0.829106	0.911575	-1.097	0.847255	1.0861	1.0861	0.217476	0.57367	-1.74316	2.15722	6.2672	2.58242	1
cg00221625	DUSP28;DUSP28	0.146274	0.259543	1.1445	1.1445	0.0808759	1.24873	1.24873	0.0525543	1.28779	1.28779	0.259003	0.873597	-1.14469	0.603671	1.06194	1.06194	0.23914	0.868089	-1.15196	0.164738	1.1854	1.1854	0.445505	1.09335	1.09335	0.0840771	1.24525	1.24525	2.15721	0.449893	0.18538	1
cg06334093	CCDC28A	0.146274	0.906879	1.01637	1.01637	0.0719539	1.32152	1.32152	0.108169	1.27539	1.27539	0.384296	0.883551	-1.1318	0.0310576	0.703775	-1.42091	0.347866	1.14356	1.14356	0.581566	1.08031	1.08031	0.45323	1.11187	1.11187	0.320627	1.15306	1.15306	2.15721	0.658103	0.271174	1
cg15288845	UBE2E2	0.146275	0.612247	0.913665	-1.09449	0.0502986	0.674245	-1.48314	0.802307	0.956654	-1.04531	0.17566	0.775404	-1.28965	0.159189	0.766613	-1.30444	0.365606	1.17846	1.17846	0.0385672	1.52699	1.52699	0.704612	0.934934	-1.06959	0.361038	0.847163	-1.18041	2.1572	1.06608	0.439285	1
cg16472542	C22orf25;MIR185	0.146277	0.930085	1.02847	1.02847	0.320265	0.719943	-1.389	0.454613	0.783736	-1.27594	0.274198	1.43911	1.43911	0.0157143	0.387832	-2.57844	0.326335	1.38295	1.38295	0.170983	0.627257	-1.59424	0.896607	0.959257	-1.04247	0.0886109	0.548268	-1.82393	2.15719	3.49723	1.44106	1
cg06406294	GART;SON;GART;GART;GART;GART;GART;SON	0.146279	0.201575	1.35399	1.35399	0.225103	1.33151	1.33151	0.816938	1.05349	1.05349	0.726869	1.08199	1.08199	0.774979	1.06653	1.06653	0.590497	1.12984	1.12984	0.00891792	0.473457	-2.11212	0.671636	0.908628	-1.10056	0.277185	1.28914	1.28914	2.15718	1.72532	0.710939	1
cg12942606	MIR548F5;DCLK1	0.146281	0.350288	0.466193	-2.14504	0.00877957	14.1438	14.1438	0.267973	2.49914	2.49914	0.333107	0.452704	-2.20895	0.506999	1.70638	1.70638	0.849376	1.1629	1.1629	0.215488	2.81471	2.81471	0.341511	2.17714	2.17714	0.573215	0.636458	-1.5712	2.15716	21.5275	8.8707	1
cg19444998	GOLGA3	0.146283	0.16535	0.757403	-1.3203	0.130411	0.735848	-1.35898	0.459982	1.15173	1.15173	0.388483	1.18053	1.18053	0.140542	0.742527	-1.34675	0.711282	0.93257	-1.07231	0.0492245	1.52427	1.52427	0.470871	0.871328	-1.14767	0.129348	0.735123	-1.36032	2.15715	1.20463	0.496389	1
cg16291917	SNORA38;BAT2	0.146285	0.0966244	0.325737	-3.06996	0.182852	0.419273	-2.38508	0.700919	1.26785	1.26785	0.619957	1.35991	1.35991	0.0327279	0.215143	-4.64807	0.114767	0.348297	-2.87111	0.0485217	0.250096	-3.99846	0.118357	0.352522	-2.83671	0.400062	0.588762	-1.69848	2.15714	12.9196	5.32378	1
cg04504627	HLA-DRA	0.14629	0.892614	1.05593	1.05593	0.724718	0.867217	-1.15311	0.00457016	0.218376	-4.57925	0.869714	1.06838	1.06838	0.830173	1.0904	1.0904	0.397024	1.41828	1.41828	0.443802	1.36969	1.36969	0.313134	0.656802	-1.52253	0.978675	0.989288	-1.01083	2.1571	5.54656	2.2856	1
cg09410845	BMPR2;BMPR2	0.146292	0.514533	0.888555	-1.12542	0.0645918	1.44935	1.44935	0.327698	0.834755	-1.19796	0.235265	1.24905	1.24905	0.372478	1.17784	1.17784	0.190799	0.780639	-1.281	0.0374223	1.53993	1.53993	0.481628	0.879973	-1.1364	0.387265	1.17167	1.17167	2.15708	1.0918	0.449907	1
cg23966157	C14orf45;ENTPD5	0.146295	0.96503	1.00704	1.00704	0.827336	0.965662	-1.03556	0.133554	1.29543	1.29543	0.462832	1.12698	1.12698	0.930892	0.986222	-1.01397	0.0999836	1.33417	1.33417	0.0122173	0.606898	-1.64772	0.814592	0.963122	-1.03829	0.719594	0.943967	-1.05936	2.15707	0.874079	0.360192	1
cg02604836	MPP1;MPP1;MPP1;MPP1	0.146296	0.910824	0.952261	-1.05013	0.754575	1.14673	1.14673	0.708624	1.1781	1.1781	0.127984	0.487507	-2.05125	0.0189459	0.289193	-3.45789	0.103552	2.17556	2.17556	0.686781	1.19361	1.19361	0.232329	1.72783	1.72783	0.462504	0.721414	-1.38617	2.15706	6.51227	2.6836	1
cg03820688	MTIF2;MTIF2	0.146297	0.936476	1.03374	1.03374	0.193591	0.564031	-1.77295	0.954856	0.976709	-1.02385	0.763041	1.13414	1.13414	0.00938591	0.253827	-3.93969	0.529912	0.767284	-1.3033	0.934061	1.03505	1.03505	0.958724	1.02178	1.02178	0.0338594	0.356548	-2.80467	2.15705	5.92032	2.43968	1
cg15239888	TIMM44	0.146298	0.192198	0.747895	-1.33709	0.0865272	0.671366	-1.4895	0.309553	0.801482	-1.24769	0.271442	0.785899	-1.27243	0.00716193	0.481566	-2.07656	0.0869743	0.671823	-1.48849	0.487046	0.861912	-1.16021	0.723413	0.92795	-1.07764	0.165477	0.732501	-1.36519	2.15704	1.51289	0.623443	1
cg07333738	METRN	0.146301	0.119779	1.26444	1.26444	0.950592	0.991423	-1.00865	0.0632347	1.33698	1.33698	0.753183	1.04483	1.04483	0.533262	0.916019	-1.09168	0.623993	1.07109	1.07109	0.0782339	0.761882	-1.31254	0.042775	1.38287	1.38287	0.784524	0.962617	-1.03883	2.15702	0.660132	0.272034	1
cg01013365	MARCH10;MARCH10	0.146304	0.703025	0.950369	-1.05222	0.248356	1.17394	1.17394	0.300874	1.15311	1.15311	0.118696	0.79845	-1.25243	0.0134951	1.5014	1.5014	0.450224	0.902808	-1.10765	0.334948	1.14127	1.14127	0.890039	0.981784	-1.01855	0.367965	1.13077	1.13077	2.157	0.603349	0.248637	1
cg23435440	NCAPG;DCAF16	0.146307	0.247285	1.31487	1.31487	0.409237	0.826146	-1.21044	0.432136	1.19891	1.19891	0.143407	0.700616	-1.42731	0.0755267	0.639101	-1.5647	0.666831	1.10297	1.10297	0.127276	0.688554	-1.45232	0.0422769	0.588998	-1.6978	0.208034	0.740542	-1.35036	2.15698	1.74922	0.720853	1
cg19439071	SNORD1A	0.146314	0.0370585	0.19523	-5.12217	0.328768	0.506573	-1.97405	0.767573	0.818754	-1.22137	0.231416	0.42873	-2.33247	0.0230041	0.15967	-6.26292	0.204395	0.405096	-2.46855	0.0442875	0.210376	-4.7534	0.248276	0.44293	-2.2577	0.0929089	0.28727	-3.48105	2.15693	15.5515	6.4089	1
cg17944282	RPSA;RPSA;RPSA	0.146315	0.421069	0.485055	-2.06162	0.0498293	0.13481	-7.41784	0.177465	0.281011	-3.55858	?	?	?	0.291541	2.62655	2.62655	0.437081	2.00904	2.00904	0.520795	0.564263	-1.77222	0.650928	1.4919	1.4919	0.0333752	0.106896	-9.35488	2.28593	24.2504	9.28247	1
cg22936975	PCDH20;PCDH20	0.146315	0.715074	0.915181	-1.09268	0.203539	0.722921	-1.38328	0.908457	0.972575	-1.0282	0.788277	1.06724	1.06724	0.450518	1.20427	1.20427	0.630377	1.12436	1.12436	0.0290697	0.536923	-1.86247	0.18386	1.40613	1.40613	0.0500466	1.71634	1.71634	2.15693	1.99652	0.822785	1
cg04894958	CLSTN2	0.146317	0.228741	1.92514	1.92514	0.72145	1.20398	1.20398	0.67396	1.24535	1.24535	0.0860506	2.67401	2.67401	0.956102	0.97186	-1.02896	0.48315	1.44709	1.44709	0.0111976	5.19752	5.19752	0.0304595	3.7389	3.7389	0.368218	1.61487	1.61487	2.15691	9.18509	3.78529	1
cg14282656	CRTAM	0.14632	0.0609067	0.257959	-3.87658	0.921972	1.06486	1.06486	0.194401	0.414565	-2.41217	0.746651	1.2311	1.2311	0.0640292	0.263156	-3.80002	0.36579	0.551018	-1.81482	0.0112544	0.13047	-7.66459	0.569016	0.691299	-1.44655	0.478311	0.629798	-1.58781	2.15689	14.0535	5.79166	1
cg22598373	RSU1;RSU1	0.146323	0.352441	0.831585	-1.20252	0.0288791	0.608599	-1.64312	0.118968	0.721698	-1.38562	0.458578	1.15657	1.15657	0.065205	0.671009	-1.49029	0.191031	1.30582	1.30582	0.24068	0.789192	-1.26712	0.847569	0.963589	-1.03779	0.922204	1.019	1.019	2.15687	1.26893	0.522952	1
cg23894205	C12orf69;C12orf60	0.146324	0.895423	1.04336	1.04336	0.0295046	0.437208	-2.28724	0.0977122	0.556286	-1.79764	0.439093	1.2901	1.2901	0.1286	1.6992	1.6992	0.242894	1.48357	1.48357	0.285378	1.43069	1.43069	0.952412	0.980921	-1.01945	0.495832	0.799944	-1.25009	2.15686	3.55902	1.46675	1
cg10444080	DFFB;KIAA0562;KIAA0562	0.146327	0.0502342	1.78455	1.78455	0.105336	0.63184	-1.58268	0.161879	1.47335	1.47335	0.244819	1.37118	1.37118	0.205715	1.41393	1.41393	0.148503	0.668912	-1.49497	0.354561	1.28033	1.28033	0.368815	1.2706	1.2706	0.672342	1.1167	1.1167	2.15684	2.29968	0.947755	1
cg21566383	HLA-DQB2	0.146327	0.0611625	2.12212	2.12212	0.203277	0.619452	-1.61433	0.620329	0.836872	-1.19493	0.0168721	0.353595	-2.82809	0.825166	0.924133	-1.0821	0.614879	1.19831	1.19831	0.492509	1.2822	1.2822	0.535565	0.799526	-1.25074	0.387545	0.729175	-1.37141	2.15684	4.34423	1.79037	1
cg02858413	RARA;RARA;RARA;RARA;RARA	0.146327	0.00789176	2.34277	2.34277	0.912578	0.972938	-1.02782	0.307003	1.30237	1.30237	0.285393	1.31941	1.31941	0.258778	0.745022	-1.34224	0.861908	1.04445	1.04445	0.184052	1.42196	1.42196	0.66041	0.895433	-1.11678	0.290719	1.3151	1.3151	2.15684	2.13182	0.878578	1
cg08319936	TMEM132D	0.14633	0.233713	1.55292	1.55292	0.75324	0.894777	-1.1176	0.376704	0.726296	-1.37685	0.795352	0.91244	-1.09596	0.0727178	0.493701	-2.02552	0.535084	0.801359	-1.24788	0.0556139	0.465496	-2.14825	0.559625	0.812224	-1.23119	0.0170936	0.35887	-2.78652	2.15682	4.24545	1.74967	1
cg17765480	ANKZF1;ATG9A;ANKZF1;ATG9A	0.146331	0.225227	1.46288	1.46288	0.394	1.29791	1.29791	0.516737	1.21694	1.21694	0.0206523	0.43501	-2.2988	0.213819	0.676431	-1.47835	0.886964	0.958411	-1.04339	0.834466	0.939415	-1.06449	0.345286	1.33683	1.33683	0.103366	1.7024	1.7024	2.15681	3.04689	1.25572	1
cg24435401	NPAS4	0.146333	0.00691993	0.295923	-3.37926	0.088586	1.92411	1.92411	0.719014	1.13413	1.13413	0.78085	1.10204	1.10204	0.829048	0.927436	-1.07824	0.852486	0.937209	-1.067	0.948876	0.977909	-1.02259	0.579731	1.21515	1.21515	0.778886	1.10303	1.10303	2.1568	4.14571	1.70858	1
cg07354738	DPH5;DPH5;DPH5	0.146333	0.30972	0.740565	-1.35032	0.0701829	1.78311	1.78311	0.0573337	1.84838	1.84838	0.740091	0.909265	-1.09979	0.385177	1.28966	1.28966	0.586441	1.16993	1.16993	0.0670384	0.55626	-1.79772	0.299799	0.735641	-1.35936	0.717544	1.10937	1.10937	2.1568	2.78853	1.14925	1
cg21630368	CREBZF;CREBZF;CREBZF;CREBZF;CREBZF	0.146334	0.277035	2.40761	2.40761	0.0987117	4.08411	4.08411	0.167991	3.13288	3.13288	0.0274263	0.131658	-7.59544	?	?	?	0.302622	2.29308	2.29308	0.541052	1.61751	1.61751	0.848929	0.862252	-1.15975	0.446071	1.82876	1.82876	2.17445	18.4899	8.50325	1
cg08390209	CDKN2BAS;CDKN2B;CDKN2B	0.146335	0.765989	0.841738	-1.18802	0.876016	0.913817	-1.09431	0.0110081	6.30369	6.30369	0.220246	2.10431	2.10431	0.538827	0.698247	-1.43216	0.118064	0.375461	-2.66339	0.353974	1.73407	1.73407	0.6995	1.25093	1.25093	0.508611	0.679044	-1.47266	2.15679	11.3814	4.69069	1
cg11600078	MIR657;AATK;MIR338	0.146335	0.111092	2.63598	2.63598	0.265496	1.91162	1.91162	0.615777	1.3265	1.3265	0.289791	1.84693	1.84693	0.229492	2.02204	2.02204	0.0400175	3.76328	3.76328	0.0300579	4.15705	4.15705	0.0975508	2.75981	2.75981	0.0358625	3.90929	3.90929	2.15678	10.651	4.38966	1
cg08718097	HNRNPR;HNRNPR;HNRNPR;HNRNPR	0.146337	0.529238	0.784667	-1.27443	0.914743	0.960077	-1.04158	0.023033	0.355518	-2.8128	0.604118	0.819552	-1.22018	0.256995	0.637577	-1.56844	0.929658	0.966968	-1.03416	0.0102774	0.292154	-3.42285	0.202546	0.599393	-1.66835	0.257115	0.637656	-1.56824	2.15677	4.944	2.03762	1
cg09695996	C1QTNF8	0.14634	0.447339	0.74367	-1.34468	0.0162058	3.07899	3.07899	0.0812603	2.09402	2.09402	0.655098	0.842036	-1.1876	0.15104	0.555197	-1.80116	0.467801	1.32646	1.32646	0.881719	1.05859	1.05859	0.35327	1.44087	1.44087	0.743659	0.88207	-1.1337	2.15675	4.99513	2.0587	1
cg00800109	OR2Z1	0.146343	0.0506123	0.128078	-7.80777	0.129612	0.220751	-4.52999	0.0642556	0.146859	-6.80924	0.187056	0.275213	-3.63355	0.0219764	0.0792428	-12.6194	0.442835	0.485826	-2.05835	0.777884	0.77035	-1.29811	0.278299	0.353422	-2.82948	0.0599551	0.141136	-7.08536	2.15673	29.0754	11.9833	1
cg18946932	GRM5	0.146345	0.367365	1.50565	1.50565	0.0206758	3.42604	3.42604	0.508727	1.34483	1.34483	0.340148	1.54412	1.54412	0.583892	1.27691	1.27691	0.968653	1.01752	1.01752	0.0301273	0.324001	-3.08641	0.957112	1.02405	1.02405	0.744941	0.865661	-1.15519	2.15672	6.67133	2.74958	1
cg01210622	SMPD3	0.146346	0.224759	0.495503	-2.01815	0.153288	0.430816	-2.32117	0.110617	2.60478	2.60478	0.440555	0.648479	-1.54207	0.038369	0.266771	-3.74853	0.0975366	0.367448	-2.72147	0.153209	0.430737	-2.3216	0.168233	0.445472	-2.24481	0.415933	0.632631	-1.5807	2.15671	10.3581	4.2691	1
cg00757414	TPST1	0.146346	0.0346276	0.700991	-1.42655	0.0677491	1.34327	1.34327	0.488658	1.10678	1.10678	0.558286	0.918165	-1.08913	0.508784	0.907859	-1.10149	0.372289	1.14123	1.14123	0.9683	0.994285	-1.00575	0.201859	0.823365	-1.21453	0.164082	1.23879	1.23879	2.15671	0.710435	0.292806	1
cg26376030	DEAF1	0.146347	0.0154381	0.319835	-3.12661	0.137331	1.84752	1.84752	0.825718	0.918886	-1.08827	0.873684	1.06293	1.06293	0.770246	0.893745	-1.11889	0.687428	1.16783	1.16783	0.438854	1.35374	1.35374	0.682204	0.853918	-1.17107	0.0619661	0.446548	-2.2394	2.1567	5.02588	2.07143	1
cg05871607	RPA2	0.146348	0.0271665	0.607579	-1.64588	0.244424	1.26118	1.26118	0.336815	1.20769	1.20769	0.445823	0.862352	-1.15962	0.670601	1.08494	1.08494	0.539816	0.888447	-1.12556	0.571925	0.896873	-1.11498	0.540088	1.12547	1.12547	0.0452049	1.54935	1.54935	2.1567	1.24033	0.511208	1
cg10226297	FAM40A	0.14635	0.0483808	0.579711	-1.725	0.0776914	0.622515	-1.60639	0.127034	0.671036	-1.49023	0.144697	0.684761	-1.46036	0.152909	1.44778	1.44778	0.429634	0.822923	-1.21518	0.543388	0.861836	-1.16031	0.32364	1.27944	1.27944	0.399518	0.811813	-1.23181	2.15668	1.99593	0.822635	1
cg09806671	LMX1A	0.146351	0.0808179	6.07633	6.07633	0.205955	3.46736	3.46736	0.0429326	8.76862	8.76862	0.959844	1.04804	1.04804	0.387011	2.28503	2.28503	0.939338	1.07351	1.07351	0.254155	3.03355	3.03355	0.0105987	19.9965	19.9965	0.389043	2.27658	2.27658	2.15667	29.667	12.2275	1
cg11025519	GTF2H3;EIF2B1	0.146351	0.78879	0.933729	-1.07097	0.488391	1.19693	1.19693	0.865498	1.04424	1.04424	0.307973	0.763767	-1.3093	0.0102647	0.437714	-2.2846	0.15762	0.679847	-1.47092	0.0728645	0.599906	-1.66693	0.978816	1.0068	1.0068	0.176609	0.692917	-1.44317	2.15667	2.22771	0.918167	1
cg21153962	SSRP1	0.146354	0.279716	0.851143	-1.17489	0.320488	1.15862	1.15862	0.146458	1.25052	1.25052	0.57498	0.921958	-1.08465	0.488897	0.904082	-1.10609	0.140523	0.796607	-1.25532	0.0129137	0.642327	-1.55684	0.694649	0.944987	-1.05822	0.95851	0.992566	-1.00749	2.15665	0.702622	0.289594	1
cg01016800	CCNJ;CCNJ;CCNJ	0.146355	0.149159	1.23682	1.23682	0.126277	0.7967	-1.25518	0.475099	1.10494	1.10494	0.0536113	1.35141	1.35141	0.815991	0.96848	-1.03255	0.636942	0.936765	-1.0675	0.0351921	1.40085	1.40085	0.882342	1.02056	1.02056	0.22666	1.19055	1.19055	2.15664	0.64482	0.265771	1
cg05410198	RTP1;RTP1	0.146356	0.937679	1.03319	1.03319	0.0198361	0.308972	-3.23654	0.281879	1.59521	1.59521	0.0450253	2.61306	2.61306	0.366276	0.678677	-1.47346	0.580879	0.792259	-1.26221	0.709435	0.8553	-1.16918	0.803546	0.901149	-1.10969	0.446759	1.38242	1.38242	2.15664	5.95632	2.45498	1
cg08929548	NEUROG2	0.146357	0.799922	0.953988	-1.04823	0.858043	0.967338	-1.03376	0.00738979	0.527208	-1.89678	0.311947	0.823648	-1.21411	0.612886	0.909709	-1.09925	0.841306	0.9635	-1.03788	0.102267	0.717729	-1.39328	0.402211	0.852987	-1.17235	0.207802	1.27934	1.27934	2.15663	1.175	0.484296	1
cg03004497	FAM111B;FAM111B;FAM111B	0.14636	0.677666	0.918111	-1.08919	0.751088	1.06721	1.06721	0.571537	1.12397	1.12397	0.206828	0.76176	-1.31275	0.237845	1.28754	1.28754	0.365944	0.827073	-1.20908	0.0125614	0.530205	-1.88606	0.639276	1.1013	1.1013	0.104421	0.695717	-1.43737	2.15661	1.42701	0.588171	1
cg04852275	HSPG2	0.146362	0.387347	0.67891	-1.47295	0.0575277	0.391094	-2.55693	0.976153	0.98702	-1.01315	0.803241	1.11529	1.11529	0.0258171	0.314492	-3.17973	0.0324769	0.334835	-2.98654	0.500616	1.34824	1.34824	0.736476	0.862757	-1.15908	0.257225	0.596427	-1.67665	2.1566	6.52474	2.68932	1
cg00433709	ZNRF1	0.146363	0.0899872	0.267179	-3.74282	0.424782	0.562323	-1.77834	0.48624	0.606725	-1.64819	0.133227	0.318544	-3.13928	0.017396	0.12936	-7.73039	0.0665587	0.233874	-4.27581	0.0825538	0.257168	-3.8885	0.0768288	0.249132	-4.01393	0.212774	0.395823	-2.52638	2.15659	17.037	7.02221	1
cg05792285	ZCCHC3	0.146363	0.17814	0.657827	-1.52016	0.468262	0.805716	-1.24113	0.356225	0.757467	-1.32019	0.113107	0.603652	-1.65658	0.956487	1.0161	1.0161	0.290706	0.72545	-1.37846	0.0867194	0.574748	-1.73989	0.0383877	0.495444	-2.01839	0.0982822	1.70026	1.70026	2.15659	2.92664	1.20628	1
cg13603859	TCERG1;TCERG1	0.146365	0.586309	0.895134	-1.11715	0.186705	1.32602	1.32602	0.187335	0.754474	-1.32543	0.0852033	1.46765	1.46765	0.409171	1.18552	1.18552	0.350164	1.21395	1.21395	0.0332081	0.605389	-1.65183	0.814751	1.04846	1.04846	0.363213	1.20731	1.20731	2.15658	1.38825	0.572204	1
cg22444102	ZNF516	0.146366	0.0412969	0.379348	-2.6361	0.305705	1.54765	1.54765	0.286849	0.634174	-1.57686	0.522917	1.30556	1.30556	0.0724005	0.437976	-2.28323	0.257458	0.614676	-1.62687	0.0697721	0.433837	-2.30501	0.781604	1.12125	1.12125	0.163681	0.542216	-1.84428	2.15657	5.79201	2.38733	1
cg12839593	SIX1	0.146367	0.182287	0.766424	-1.30476	0.898358	0.97627	-1.02431	0.782829	0.9494	-1.0533	0.138037	0.740734	-1.35001	0.384582	1.18239	1.18239	0.958125	0.990181	-1.00992	0.0281207	1.62797	1.62797	0.44884	1.15609	1.15609	0.0705799	1.46192	1.46192	2.15656	1.20624	0.497185	1
cg13042636	TMEM120B;RHOF	0.146368	0.374613	0.800354	-1.24945	0.377303	0.801408	-1.2478	0.544175	0.860695	-1.16185	0.923924	1.02362	1.02362	0.0448862	0.569747	-1.75516	0.720203	0.915857	-1.09187	0.0391652	0.558076	-1.79187	0.91396	1.02676	1.02676	0.0142974	0.477956	-2.09224	2.15656	2.03969	0.84072	1
cg10674805	SKIV2L	0.146372	0.587244	0.644499	-1.55159	0.780966	1.25033	1.25033	0.7643	1.27253	1.27253	0.230177	0.364594	-2.74278	0.0285503	0.126087	-7.93101	0.238442	0.371717	-2.69022	0.0155062	0.092591	-10.8002	0.534675	1.65526	1.65526	0.411668	0.510288	-1.95968	2.15653	21.9393	9.04305	1
cg04963575	CELA1	0.146372	0.0778321	0.185733	-5.38408	0.0184561	0.0858355	-11.6502	0.10967	0.223548	-4.47332	0.380553	0.461778	-2.16554	0.0484055	0.144092	-6.94002	0.163139	0.278391	-3.59207	0.0924094	0.20372	-4.9087	0.156085	0.271578	-3.68218	0.349932	0.437564	-2.28538	2.15653	25.2046	10.389	1
cg12810212	C2orf52	0.146373	0.845786	0.947181	-1.05576	0.155255	1.5278	1.5278	0.267301	1.37995	1.37995	0.197318	1.46199	1.46199	0.456796	0.809621	-1.23515	0.180817	0.673026	-1.48583	0.0268554	0.481576	-2.07651	0.388661	0.781762	-1.27916	0.42141	1.25719	1.25719	2.15652	2.65243	1.0933	1
cg12462026	HS6ST2;HS6ST2	0.146374	0.225511	0.504004	-1.98411	0.00746385	0.156557	-6.38747	0.315998	0.572319	-1.74728	0.189044	0.472843	-2.11487	0.0433276	0.286219	-3.49383	0.303673	0.563567	-1.77441	0.171265	0.456519	-2.19049	0.232688	0.509833	-1.96143	0.407446	0.633725	-1.57797	2.15651	9.89661	4.07926	1
cg17885091	GNG12;GNG12	0.146376	0.854833	1.06419	1.06419	0.495856	0.790656	-1.26477	0.478864	0.783059	-1.27704	0.510583	0.797165	-1.25445	0.0220194	0.393366	-2.54216	0.329753	0.710595	-1.40727	0.664631	1.15971	1.15971	0.0293775	2.39074	2.39074	0.775122	0.907287	-1.10219	2.1565	3.941	1.62444	1
cg14976276	NEU1;NEU1	0.146377	0.367266	0.868571	-1.15132	0.160654	1.25607	1.25607	0.242868	1.20434	1.20434	0.0931314	0.755011	-1.32448	0.313666	1.17179	1.17179	0.525208	0.906696	-1.10291	0.0260017	1.49478	1.49478	0.460129	1.12121	1.12121	0.520661	1.10413	1.10413	2.15649	0.790512	0.325843	1
cg02568531	PNPLA2	0.146377	0.128642	0.426233	-2.34613	0.936749	0.959625	-1.04207	0.258145	1.84541	1.84541	0.335058	0.596777	-1.67567	0.0718592	0.352227	-2.83908	0.111436	0.406443	-2.46037	0.0808122	0.365901	-2.73298	0.068303	0.346488	-2.8861	0.106127	0.399964	-2.50022	2.15649	9.20923	3.79597	1
cg18022279	C1orf124;C1orf124;EXOC8	0.146377	0.955804	1.01132	1.01132	0.122582	1.40482	1.40482	0.0321417	1.66509	1.66509	0.690102	0.921805	-1.08483	0.623153	1.10586	1.10586	0.22501	0.771901	-1.2955	0.0622211	0.652808	-1.53184	0.368684	0.828967	-1.20632	0.885511	1.0297	1.0297	2.15649	1.40965	0.581048	1
cg01149239	MFI2;MFI2	0.146381	0.417835	0.516342	-1.9367	0.0215175	0.110312	-9.06517	0.0137762	0.0879645	-11.3682	0.591795	1.54058	1.54058	0.420856	0.518653	-1.92807	0.481599	0.564922	-1.77016	0.345965	0.460763	-2.17032	0.155923	0.29761	-3.3601	0.816789	0.830875	-1.20355	2.15647	21.769	8.9731	1
cg05790828	AGAP3	0.146384	0.163843	0.593071	-1.68614	0.585948	0.824142	-1.21338	0.365246	0.720989	-1.38698	0.0662722	0.484635	-2.06341	0.126714	0.559405	-1.78761	0.0214282	0.378377	-2.64287	0.0289513	0.40435	-2.4731	0.564807	0.814928	-1.2271	0.125942	0.558637	-1.79007	2.15644	4.22303	1.74074	1
cg09326084	ADARB2	0.146385	0.651611	0.719573	-1.38971	0.00780229	11.8564	11.8564	0.118178	3.41539	3.41539	0.467247	0.585326	-1.70845	0.70047	0.755886	-1.32295	0.859863	0.879899	-1.13649	0.260282	2.34002	2.34002	0.64176	0.712315	-1.40387	0.744122	0.788884	-1.26761	2.15644	17.9039	7.38001	1
cg15349559	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.146386	0.215981	0.677045	-1.47701	0.411809	0.777751	-1.28576	0.244387	0.694359	-1.44018	0.307706	0.728872	-1.37198	0.127747	0.610651	-1.6376	0.0976787	0.580262	-1.72336	0.162419	1.56317	1.56317	0.369625	0.758833	-1.31781	0.0191222	0.427687	-2.33816	2.15643	3.06396	1.26298	1
cg15832311	D2HGDH	0.146386	0.403236	0.845891	-1.18219	0.95639	0.989357	-1.01076	0.95482	1.01115	1.01115	0.570485	0.893879	-1.11872	0.174044	0.753557	-1.32704	0.617894	1.10341	1.10341	0.00489906	0.482128	-2.07414	0.729064	1.0704	1.0704	0.52195	1.13541	1.13541	2.15643	1.30754	0.538973	1
cg21751684	LOC254559	0.146387	0.511904	1.83271	1.83271	0.0419689	8.45233	8.45233	0.891003	0.882618	-1.13299	0.262677	2.89653	2.89653	0.162131	3.8934	3.8934	0.290832	2.71356	2.71356	0.403532	0.459117	-2.1781	0.0180456	13.6795	13.6795	0.142541	4.20159	4.20159	2.15642	28.3242	11.6754	1
cg16744710	IL17REL	0.146388	0.478411	1.16099	1.16099	0.374606	0.827981	-1.20776	0.0886676	0.677733	-1.47551	0.203316	1.32067	1.32067	0.367268	0.825439	-1.21148	0.182112	1.3409	1.3409	0.0251067	1.73645	1.73645	0.908457	1.02411	1.02411	0.601387	1.11536	1.11536	2.15641	1.46527	0.603996	1
cg18920097	GJD2	0.146389	0.225996	2.64969	2.64969	0.276605	2.38054	2.38054	0.387511	1.97162	1.97162	0.499584	0.591395	-1.69092	0.20379	2.79546	2.79546	0.0913285	4.15854	4.15854	0.730914	0.767518	-1.3029	0.00851789	13.1083	13.1083	0.936284	1.0632	1.0632	2.15641	20.0622	8.26979	1
cg14459420	RPS27A;C2orf63;RPS27A;RPS27A;C2orf63	0.146392	0.58065	0.913171	-1.09509	0.519656	1.1121	1.1121	0.151829	1.28394	1.28394	0.187806	1.2551	1.2551	0.04302	1.46087	1.46087	0.607897	0.919207	-1.08789	0.171244	1.26762	1.26762	0.46228	1.12954	1.12954	0.0168509	1.6075	1.6075	2.15639	0.905011	0.373056	1
cg02291010	CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST;CAST	0.146393	0.253904	0.754272	-1.32578	0.0240814	1.8904	1.8904	0.520277	1.16679	1.16679	0.437635	0.829108	-1.20612	0.0817327	0.633434	-1.5787	0.475947	0.842343	-1.18717	0.745638	1.08009	1.08009	0.805079	0.943156	-1.06027	0.125806	0.675646	-1.48007	2.15638	1.91331	0.78869	1
cg11168687	ACSL1	0.146395	0.473811	1.71833	1.71833	0.0724356	4.43535	4.43535	0.581231	1.51285	1.51285	0.54571	1.57523	1.57523	0.553094	1.56186	1.56186	0.828693	1.17472	1.17472	0.00666725	13.6789	13.6789	0.283882	2.28719	2.28719	0.0616875	4.77758	4.77758	2.15637	18.8595	7.77418	1
cg01024350	HDX	0.146395	0.897443	1.05802	1.05802	0.225398	0.573015	-1.74516	0.327745	0.642855	-1.55556	0.0624148	0.399611	-2.50243	0.0235705	0.306495	-3.26269	0.253664	1.68434	1.68434	0.509541	1.33993	1.33993	0.526052	1.32444	1.32444	0.232624	0.578432	-1.72881	2.15636	6.53271	2.69289	1
cg22072829	TRIM46	0.146397	0.769846	0.935779	-1.06863	0.476191	1.1781	1.1781	0.157178	0.710153	-1.40815	0.345819	1.24565	1.24565	0.0193109	0.527205	-1.8968	0.10536	0.670116	-1.49228	0.576046	1.13634	1.13634	0.498125	1.16836	1.16836	0.188141	0.729409	-1.37097	2.15636	1.74812	0.720607	1
cg24468682	TPM2;TPM2;TPM2	0.146397	0.217153	0.83208	-1.20181	0.498024	1.10229	1.10229	0.394619	1.13138	1.13138	0.865603	0.976304	-1.02427	0.320907	1.15626	1.15626	0.167815	1.23136	1.23136	0.0179769	0.665644	-1.5023	0.167776	0.812096	-1.23138	0.875924	0.978122	-1.02237	2.15635	0.684479	0.282155	1
cg17241776	DLEU7	0.146398	0.101199	7.94375	7.94375	0.978712	1.03129	1.03129	0.48429	2.27207	2.27207	0.60063	0.543407	-1.84024	0.156309	0.173603	-5.76025	0.068584	0.0950008	-10.5262	0.143081	0.162479	-6.15463	0.609055	0.55124	-1.81409	0.0942755	8.36429	8.36429	2.15635	45.5316	18.769	1
cg16136338	OTUD3	0.1464	0.00405257	0.226631	-4.41247	0.99049	1.0046	1.0046	0.780584	1.1134	1.1134	0.766491	1.12137	1.12137	0.762269	1.12378	1.12378	0.909618	0.957259	-1.04465	0.722769	1.14685	1.14685	0.593927	0.813022	-1.22998	0.310875	1.49678	1.49678	2.15633	5.05305	2.08299	1
cg23935054	OR4A5	0.146405	0.933785	1.02924	1.02924	0.487952	1.27685	1.27685	0.471961	1.28888	1.28888	0.53885	0.805885	-1.24087	0.257028	0.66345	-1.50727	0.554683	0.812808	-1.2303	0.00573533	0.284771	-3.51159	0.243334	0.654796	-1.52719	0.289577	0.682995	-1.46414	2.1563	4.10843	1.69361	1
cg09038885	ADRA1B	0.146405	0.391895	0.859365	-1.16365	0.264613	1.2225	1.2225	0.512182	0.891491	-1.12172	0.256391	1.22715	1.22715	0.720827	0.939882	-1.06396	0.586313	0.909425	-1.0996	0.0194484	0.613779	-1.62925	0.0395698	0.662796	-1.50876	0.870757	0.972258	-1.02853	2.1563	1.01955	0.420287	1
cg08460032	CYP2R1	0.146405	0.503591	1.1596	1.1596	0.396447	0.82742	-1.20858	0.508601	0.863904	-1.15754	0.119	0.691332	-1.44648	0.12976	0.699728	-1.42913	0.476907	0.854038	-1.17091	0.016105	1.90112	1.90112	0.740845	0.930151	-1.07509	0.550634	0.876578	-1.1408	2.15629	1.62536	0.670023	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02399745	RBM12B;RBM12B	0.146408	0.010962	0.73632	-1.3581	0.776369	0.973063	-1.02768	0.958976	0.99508	-1.00494	0.705442	0.964244	-1.03708	0.655438	1.044	1.044	0.0530714	0.809973	-1.23461	0.260066	1.11923	1.11923	0.685111	1.03986	1.03986	0.690935	1.03906	1.03906	2.15627	0.313963	0.129426	1
cg11913790	LARP1;LARP1	0.146411	0.161732	0.788791	-1.26776	0.674167	1.06945	1.06945	0.625603	1.08121	1.08121	0.237384	0.821567	-1.21719	0.258303	0.829208	-1.20597	0.444361	1.1318	1.1318	0.186288	1.24917	1.24917	0.0209129	1.5547	1.5547	0.326038	1.1747	1.1747	2.15626	0.860985	0.35493	1
cg18573082	PDE7B	0.146411	0.216853	1.4692	1.4692	0.00990578	2.62399	2.62399	0.222984	1.461	1.461	0.437378	0.790923	-1.26435	0.815566	1.07163	1.07163	0.257678	1.41866	1.41866	0.536756	0.830942	-1.20345	0.378979	1.30634	1.30634	0.101033	1.70182	1.70182	2.15625	2.99351	1.23404	1
cg05979484	LANCL2	0.14642	0.0800506	0.554369	-1.80385	0.104063	0.582848	-1.71571	0.439073	0.786849	-1.27089	0.941528	1.02253	1.02253	0.12887	0.607442	-1.64625	0.28666	0.714564	-1.39945	0.0652878	0.533363	-1.87489	0.0133905	0.394395	-2.53553	0.781786	0.919115	-1.088	2.15619	3.15086	1.29894	1
cg18733820	PSMD12;PSMD12	0.146424	0.299708	1.52035	1.52035	0.293194	1.52967	1.52967	0.0863561	2.09285	2.09285	0.238327	1.61841	1.61841	0.0201848	0.335527	-2.98038	0.536059	1.27667	1.27667	0.464625	1.33657	1.33657	0.929202	0.965953	-1.03525	0.434069	0.732612	-1.36498	2.15617	5.18881	2.13911	1
cg08766503	PSMB9;PSMB9;TAP1	0.146424	0.318939	1.45778	1.45778	0.151911	1.75367	1.75367	0.646474	1.18411	1.18411	0.126669	1.83047	1.83047	0.966343	1.01556	1.01556	0.0244622	0.374979	-2.66682	?	?	?	0.679796	1.16401	1.16401	0.199385	1.64242	1.64242	2.1738	4.09788	1.88512	1
cg22149516	SLCO4C1	0.146424	0.132979	4.08914	4.08914	0.873413	1.14858	1.14858	0.372763	0.451582	-2.21444	0.364771	0.445255	-2.2459	0.537546	0.581367	-1.72008	0.488063	0.542246	-1.84418	0.584817	0.619186	-1.61502	0.0226055	10.7186	10.7186	0.0784154	5.46595	5.46595	2.15616	25.7768	10.6266	1
cg14654886	EVC2;EVC2	0.146427	0.463847	1.98707	1.98707	0.275767	2.84102	2.84102	0.0396791	8.9411	8.9411	0.909227	1.11075	1.11075	0.308541	0.378843	-2.63961	0.140181	0.231864	-4.31288	0.0956882	5.39508	5.39508	0.0831442	5.85182	5.85182	0.716394	1.39934	1.39934	2.15615	28.9641	11.9407	1
cg27639721	ATHL1	0.146428	0.798592	1.11318	1.11318	0.112542	0.484603	-2.06355	0.228517	0.58862	-1.69889	0.986938	1.00689	1.00689	0.0149297	0.285027	-3.50844	0.036121	0.359889	-2.77863	0.68853	1.18409	1.18409	0.289746	0.630791	-1.58531	0.41416	0.704652	-1.41914	2.15614	6.00482	2.47554	1
cg07634340	ACHE;ACHE	0.146428	0.356836	0.948451	-1.05435	0.0968909	1.10713	1.10713	0.011141	1.19446	1.19446	0.119949	1.09879	1.09879	0.865355	0.990567	-1.00952	0.72002	0.9801	-1.0203	0.393596	1.05001	1.05001	0.80776	1.01371	1.01371	0.263372	1.06728	1.06728	2.15614	0.106506	0.0439082	1
cg23528751	CCDC50;CCDC50;UTS2D	0.146428	0.18984	0.798541	-1.25228	0.487842	0.892091	-1.12096	0.254639	0.82473	-1.21252	0.620031	1.08434	1.08434	0.161886	0.785076	-1.27376	0.0932613	1.34867	1.34867	0.228504	0.814843	-1.22723	0.0491455	1.43884	1.43884	0.744948	1.05431	1.05431	2.15613	0.89629	0.369505	1
cg02823803	ZNF471	0.14643	0.645572	0.89524	-1.11702	0.278672	1.30887	1.30887	0.0141673	2.06119	2.06119	0.853512	0.956794	-1.04516	0.665877	0.901393	-1.10939	0.534439	1.16224	1.16224	0.109724	0.659245	-1.51689	0.209005	0.72873	-1.37225	0.558973	0.868305	-1.15167	2.15612	1.94992	0.803879	1
cg00655982	MYBPC2	0.146432	0.175133	0.528806	-1.89105	0.211223	1.78959	1.78959	0.83573	1.09608	1.09608	0.19643	0.546889	-1.82852	0.220089	0.565691	-1.76775	0.668827	0.82685	-1.20941	0.0965189	0.44654	-2.23944	0.0143499	0.263489	-3.79523	0.559451	0.770449	-1.29795	2.15611	6.66659	2.7484	1
cg12967293	RPL22	0.146433	0.220852	0.598052	-1.67209	0.8152	0.910723	-1.09803	0.135805	0.526204	-1.9004	0.244017	0.614558	-1.62719	0.241972	0.613138	-1.63095	0.288969	0.644253	-1.55219	0.041319	2.5601	2.5601	0.254503	1.6084	1.6084	0.29292	1.54621	1.54621	2.1561	5.44802	2.24604	1
cg03689054	METRNL	0.146434	0.752905	0.939914	-1.06393	0.266986	0.796992	-1.25472	0.496332	0.873258	-1.14514	0.56063	1.12238	1.12238	0.029605	0.60501	-1.65287	0.541429	0.885775	-1.12896	0.0215124	0.581696	-1.71911	0.210697	1.29534	1.29534	0.967261	0.991979	-1.00809	2.15609	1.31465	0.541988	1
cg21718857	DLL3;DLL3;DLL3;DLL3	0.146436	0.608031	1.11293	1.11293	0.27215	0.789453	-1.2667	0.141694	1.38654	1.38654	0.0432064	1.61774	1.61774	0.515006	0.872365	-1.14631	0.969122	1.00804	1.00804	0.247295	0.778649	-1.28428	0.0893749	0.678819	-1.47315	0.217674	0.764734	-1.30764	2.15608	1.46076	0.60223	1
cg03854487	NKD1	0.146438	0.217171	0.557941	-1.7923	0.00595562	0.198692	-5.03291	0.128565	0.477977	-2.09215	0.770223	1.14067	1.14067	0.517624	0.744688	-1.34284	0.10212	0.447531	-2.23448	0.496525	0.73326	-1.36377	0.556564	0.765493	-1.30635	0.951483	1.02772	1.02772	2.15607	6.89621	2.84312	1
cg07035515	EDNRB;EDNRB;EDNRB	0.146441	0.27306	1.51938	1.51938	0.472262	1.30749	1.30749	0.171637	1.70514	1.70514	0.107854	1.90293	1.90293	0.276653	1.51427	1.51427	0.212539	1.61846	1.61846	0.0753313	0.483791	-2.06701	0.0415898	2.36681	2.36681	0.230141	1.58674	1.58674	2.15604	4.59179	1.8931	1
cg26381742	TFE3	0.146443	0.113931	0.131291	-7.61667	0.0564444	0.0780948	-12.805	0.470656	0.420453	-2.37838	0.786054	1.3788	1.3788	0.318839	0.296323	-3.37469	0.133956	0.148349	-6.74084	0.151447	6.13859	6.13859	0.224063	4.51726	4.51726	0.320457	3.36011	3.36011	2.15603	47.5944	19.6222	1
cg05730092	BEGAIN	0.146444	0.837633	0.954428	-1.04775	0.0053639	2.30142	2.30142	0.861071	1.04062	1.04062	0.30569	0.785768	-1.27264	0.67435	0.908404	-1.10083	0.858117	1.04152	1.04152	0.723712	0.922486	-1.08403	0.517475	0.861423	-1.16087	0.267095	1.30059	1.30059	2.15603	1.76449	0.727466	1
cg13990596	PAN2;PAN2;PAN2;PAN2;PAN2	0.146444	0.06654	3.66349	3.66349	0.338352	1.86422	1.86422	0.155231	2.61132	2.61132	0.5197	1.50963	1.50963	?	?	?	0.0588211	3.84518	3.84518	0.455507	0.618983	-1.61555	0.592123	0.710845	-1.40678	0.141087	0.368274	-2.71537	2.17366	12.1872	5.60678	1
cg15823064	LMO4;LMO4	0.146446	0.1461	1.46857	1.46857	0.0220243	0.50842	-1.96688	0.353876	0.790629	-1.26481	0.0576188	0.589322	-1.69687	0.270277	0.753735	-1.32673	0.757919	0.926684	-1.07912	0.644265	1.12133	1.12133	0.564218	1.15438	1.15438	0.822879	1.05677	1.05677	2.15601	2.07131	0.853966	1
cg22588640	KCNIP3;KCNIP3	0.146446	0.752837	0.865569	-1.15531	0.0123136	0.240635	-4.15568	0.805969	0.893627	-1.11903	0.396091	1.48759	1.48759	0.250509	0.577676	-1.73108	0.0345411	0.324179	-3.08472	0.247134	0.575207	-1.7385	0.277919	0.597124	-1.67469	0.832785	0.9079	-1.10144	2.15601	7.13137	2.94015	1
cg22772235	PRKG2	0.146446	0.223047	1.54932	1.54932	0.0264679	2.45893	2.45893	0.189667	1.6081	1.6081	0.842578	0.934265	-1.07036	0.504919	1.26032	1.26032	0.248099	1.51118	1.51118	0.0245809	2.49823	2.49823	0.0870904	1.90801	1.90801	0.701374	0.876555	-1.14083	2.15601	3.99288	1.6462	1
cg00316312	GPR123	0.146447	0.832612	0.949372	-1.05333	0.0145509	0.477681	-2.09345	0.433717	0.821933	-1.21664	0.127491	0.667275	-1.49863	0.0364738	0.550589	-1.81624	0.717654	1.09323	1.09323	0.602306	1.13776	1.13776	0.683958	1.10569	1.10569	0.410669	0.813407	-1.2294	2.156	2.05766	0.848342	1
cg25142340	CNPY1	0.146448	0.0621441	0.0545441	-18.3338	0.886329	0.820268	-1.21911	0.488659	2.64951	2.64951	0.258892	0.195619	-5.11197	0.0344486	0.0328258	-30.4639	0.310285	0.233584	-4.28112	0.0251331	0.0249879	-40.0194	0.834099	0.747883	-1.33711	0.197146	0.151289	-6.60986	2.156	65.5125	27.0099	1
cg03753385	FBXL6;C8ORFK29;FBXL6	0.146452	0.762941	0.854315	-1.17053	0.0416713	0.294562	-3.39487	0.0450559	0.302093	-3.31024	0.105714	0.398575	-2.50894	0.0359457	0.280805	-3.56119	0.0905029	0.378764	-2.64016	0.192846	0.488045	-2.04899	0.760923	0.853127	-1.17216	0.174325	0.471351	-2.12156	2.15597	9.2511	3.81416	1
cg09769218	GABRD	0.146453	0.782515	1.09641	1.09641	0.00512878	3.42066	3.42066	0.0687139	1.96937	1.96937	0.566704	1.21243	1.21243	0.616877	0.845543	-1.18267	0.321512	1.4059	1.4059	0.789465	1.0931	1.0931	0.555053	1.21967	1.21967	0.976207	1.00997	1.00997	2.15596	3.77801	1.55765	1
cg27311866	DDX4;DDX4;DDX4;DDX4;DDX4;DDX4	0.146459	0.215112	1.42399	1.42399	0.917762	0.972411	-1.02837	0.195301	0.69002	-1.44923	0.858801	1.04942	1.04942	0.007964	0.397926	-2.51303	0.886413	0.962023	-1.03948	0.749162	1.09079	1.09079	0.929051	1.02442	1.02442	0.15849	0.664757	-1.50431	2.15592	2.50544	1.033	1
cg12194594	ATP11A;ATP11A	0.146461	0.875486	0.958346	-1.04346	0.157633	0.663676	-1.50676	0.0999758	0.613202	-1.63078	0.380375	0.783378	-1.27652	0.532904	1.18693	1.18693	0.209147	0.698244	-1.43216	0.122339	1.57507	1.57507	0.0304741	0.501587	-1.99367	0.617559	1.14635	1.14635	2.15591	2.51363	1.03638	1
cg24744031	MYO15A	0.146465	0.0431198	4.17762	4.17762	0.0361493	4.46863	4.46863	0.518479	1.4951	1.4951	0.342136	0.548057	-1.82463	0.986442	0.989614	-1.0105	0.313181	1.89828	1.89828	0.340882	0.547148	-1.82766	0.174682	2.42789	2.42789	0.127256	2.75466	2.75466	2.15588	12.8898	5.31457	1
cg07671586	CPNE4	0.146466	0.850043	1.05539	1.05539	0.230724	0.699003	-1.43061	0.930738	0.975544	-1.02507	0.641153	1.14304	1.14304	0.639813	0.87438	-1.14367	0.0100465	0.396364	-2.52293	0.0387988	0.505877	-1.97677	0.724109	0.903987	-1.10621	0.181386	0.667568	-1.49797	2.15587	2.76989	1.14205	1
cg01183510	IRAK3;IRAK3	0.146467	0.25733	1.56605	1.56605	0.698175	1.15935	1.15935	0.619499	0.827008	-1.20918	0.919629	0.962428	-1.03904	0.111905	1.92875	1.92875	0.0376845	2.49611	2.49611	0.0330115	2.57539	2.57539	0.0454185	2.38864	2.38864	0.403638	1.38303	1.38303	2.15586	4.91599	2.02692	1
cg25505880	NXF1;NXF1	0.146467	0.521724	0.805893	-1.24086	0.956419	0.982003	-1.01833	0.068862	0.508328	-1.96723	0.117733	0.568608	-1.75868	0.854297	0.940739	-1.06299	0.560393	0.822294	-1.21611	0.0702113	1.95934	1.95934	0.136106	1.70526	1.70526	0.145641	0.594998	-1.68068	2.15586	3.77072	1.55472	1
cg00072288	NAA10	0.146468	0.163877	0.181429	-5.51179	0.0291759	0.052181	-19.164	0.942744	1.08603	1.08603	0.0643928	10.8849	10.8849	0.455011	0.417153	-2.3972	0.130642	0.153276	-6.5242	0.56784	1.94135	1.94135	0.749887	1.44408	1.44408	0.738422	1.46972	1.46972	2.15586	45.0736	18.5844	1
cg15967449	RPS11	0.146474	0.0817557	0.404033	-2.47505	0.573342	0.765412	-1.30649	0.371792	1.53854	1.53854	0.373277	0.650883	-1.53637	0.69276	0.829793	-1.20512	0.358893	0.641957	-1.55774	0.959549	0.976452	-1.02412	0.0665422	2.62909	2.62909	0.0431327	2.98381	2.98381	2.15582	7.53678	3.10757	1
cg19919692	EEF1DP3	0.146475	0.793972	0.951371	-1.05111	0.418143	1.17069	1.17069	0.0300903	1.62561	1.62561	0.0914849	0.701893	-1.42472	0.421866	0.855321	-1.16915	0.0935557	0.703777	-1.4209	0.786246	0.949542	-1.05314	0.243507	0.792599	-1.26167	0.364658	0.837421	-1.19414	2.15581	1.23872	0.510754	1
cg21916655	C1orf101;C1orf101	0.146477	0.721256	1.15275	1.15275	0.00421572	4.57412	4.57412	0.0931545	2.08106	2.08106	0.985352	0.992742	-1.00731	0.712012	0.863187	-1.1585	0.57717	1.25042	1.25042	0.860989	1.07202	1.07202	0.597346	1.23555	1.23555	0.932776	0.967078	-1.03404	2.15579	5.3755	2.21645	1
cg11361895	SH3YL1;SH3YL1	0.146478	0.503832	1.32167	1.32167	0.161387	1.84945	1.84945	0.731366	1.15221	1.15221	0.460787	1.36167	1.36167	0.225769	0.592746	-1.68706	0.649163	0.828366	-1.2072	0.0232973	0.328032	-3.04849	0.294434	1.56372	1.56372	0.120427	0.500311	-1.99876	2.15579	5.7711	2.37958	1
cg09168548	BAI2	0.146482	0.111385	0.654771	-1.52725	0.444479	0.826659	-1.20969	0.113449	0.656638	-1.52291	0.449012	0.828282	-1.20732	0.222421	0.731161	-1.36769	0.702027	0.910399	-1.09842	0.0352527	0.549452	-1.82	0.58486	0.873963	-1.14421	0.0642064	1.66173	1.66173	2.15576	2.03606	0.839531	1
cg26136365	FEZF2	0.146483	0.102304	1.60718	1.60718	0.265131	1.36096	1.36096	0.219792	1.40834	1.40834	0.147358	1.51073	1.51073	0.555557	0.853662	-1.17142	0.555213	1.17159	1.17159	0.970686	0.990296	-1.0098	0.261638	1.3643	1.3643	0.00785959	2.47213	2.47213	2.15576	2.40446	0.991438	1
cg02000253	NFIX	0.146483	0.414406	1.29149	1.29149	0.335831	0.737658	-1.35564	0.577207	1.18847	1.18847	0.061026	1.91039	1.91039	0.328899	1.36199	1.36199	0.512412	1.22593	1.22593	0.0526067	1.96519	1.96519	0.857834	1.05651	1.05651	0.0163023	2.46082	2.46082	2.15575	3.20941	1.32335	1
cg22544144	DPYSL2	0.146485	0.080548	0.376294	-2.6575	0.469476	1.39836	1.39836	0.606971	1.26384	1.26384	?	?	?	0.0781763	0.371999	-2.68818	0.420695	0.686206	-1.45729	?	?	?	0.0770033	2.70388	2.70388	0.90223	0.946525	-1.0565	3.08594	6.61189	1.22434	1
cg05530459	LBR;LBR	0.146486	0.540207	1.13304	1.13304	0.937666	0.984369	-1.01588	0.083941	1.46991	1.46991	0.289735	1.24774	1.24774	0.549699	1.12966	1.12966	0.0466984	1.58208	1.58208	0.0360621	0.611959	-1.6341	0.841402	0.960448	-1.04118	0.370111	1.20369	1.20369	2.15573	1.3852	0.571169	1
cg09325156	SLC38A1;SLC38A1	0.146486	0.145674	0.549032	-1.82139	0.855886	0.932602	-1.07227	0.17786	1.73247	1.73247	0.829467	0.920546	-1.08631	0.0562771	0.436195	-2.29255	0.537322	0.786832	-1.27092	0.0307384	0.377578	-2.64846	0.075538	0.46798	-2.13684	0.540473	0.788329	-1.26851	2.15573	5.02964	2.07391	1
cg26847093	RNASEH2B;RNASEH2B	0.146487	0.0783344	0.531402	-1.88182	0.066431	1.94541	1.94541	0.0784871	1.88107	1.88107	0.628243	0.854073	-1.17086	0.658181	0.865935	-1.15482	0.536871	0.816963	-1.22405	0.160578	1.62348	1.62348	0.248775	1.4766	1.4766	0.548387	0.821736	-1.21694	2.15572	3.56831	1.47135	1
cg14831798	CDYL	0.146492	0.120966	0.388755	-2.57231	0.105063	0.369681	-2.70503	0.0340381	0.249063	-4.01504	0.461018	0.655956	-1.52449	0.0397916	0.263037	-3.80175	0.0962981	0.358434	-2.78992	0.0453923	0.275408	-3.63097	0.330982	0.569171	-1.75694	0.181701	0.450892	-2.21783	2.15569	10.7776	4.44411	1
cg20363586	SYT8	0.146496	0.137072	0.756007	-1.32274	0.263011	0.815618	-1.22606	0.397064	0.859456	-1.16353	0.64581	1.08418	1.08418	0.748277	0.945317	-1.05785	0.247976	1.23484	1.23484	0.0143615	1.69404	1.69404	0.38987	0.857366	-1.16636	0.787889	0.953993	-1.04823	2.15566	1.04143	0.429433	1
cg09571369	MED12L;P2RY14	0.146501	0.379593	0.731525	-1.36701	0.335062	0.708368	-1.4117	0.115937	0.552877	-1.80872	0.0834422	0.514489	-1.94368	0.163573	0.597095	-1.67478	0.143677	1.72447	1.72447	0.180869	1.63682	1.63682	0.294516	1.45803	1.45803	0.33568	0.7087	-1.41104	2.15563	4.1069	1.69351	1
cg00947023	MAP2K4	0.146501	0.347754	1.65977	1.65977	0.616709	0.767608	-1.30275	0.829884	0.893361	-1.11937	0.0459275	3.3169	3.3169	0.671695	0.799775	-1.25035	0.606768	1.31271	1.31271	0.430466	1.52463	1.52463	0.00866606	5.7756	5.7756	0.332552	1.68858	1.68858	2.15563	9.37746	3.86687	1
cg26908328	SERINC5	0.146502	0.0824237	0.324351	-3.08308	0.204411	2.18976	2.18976	0.696609	1.25775	1.25775	0.818601	1.14391	1.14391	0.572723	0.716361	-1.39594	0.908861	1.06932	1.06932	0.0145149	0.171639	-5.82617	0.574741	0.717644	-1.39345	0.125353	0.378763	-2.64017	2.15562	11.6939	4.82208	1
cg12674287	ANKRD13B	0.14651	0.747483	0.937525	-1.06664	0.127652	0.719677	-1.38951	0.422358	0.849022	-1.17783	0.865013	0.966592	-1.03456	0.770566	1.06014	1.06014	0.355514	1.20901	1.20901	0.00735632	1.99346	1.99346	0.998846	1.00029	1.00029	0.778306	0.945194	-1.05798	2.15557	1.36153	0.561454	1
cg06655089	IMPDH2	0.146511	0.84301	0.975177	-1.02545	0.218872	1.17813	1.17813	0.931105	1.01102	1.01102	0.67065	1.05572	1.05572	0.0472673	1.33343	1.33343	0.554844	0.927076	-1.07866	0.753724	0.960888	-1.0407	0.878792	0.980841	-1.01953	0.00916358	1.52123	1.52123	2.15555	0.548614	0.226233	1
cg10477603	CTBP2;CTBP2	0.146519	0.496585	0.908024	-1.10129	0.425527	0.89249	-1.12046	0.546907	0.918321	-1.08894	0.0140353	1.52792	1.52792	0.459161	1.1111	1.1111	0.232659	0.839509	-1.19117	0.98674	1.00233	1.00233	0.499391	0.908612	-1.10058	0.0966124	0.774948	-1.29041	2.1555	0.666956	0.275041	1
cg05134500	MFI2;MFI2;MFI2;MFI2	0.146519	0.423444	0.616096	-1.62312	0.073739	3.25752	3.25752	0.0156127	0.172674	-5.79127	0.189505	0.438953	-2.27815	0.421836	0.615016	-1.62597	0.605109	0.734167	-1.36209	0.576959	0.71615	-1.39635	0.859206	1.11092	1.11092	0.422085	1.62553	1.62553	2.1555	11.9818	4.94108	1
cg00683895	ZNF544	0.14652	0.707526	1.08057	1.08057	0.116397	1.42018	1.42018	0.134345	1.39365	1.39365	0.746361	0.935453	-1.069	0.85123	0.962134	-1.03936	0.82808	0.95627	-1.04573	0.0430694	0.619663	-1.61378	0.615424	1.10975	1.10975	0.0409896	1.62401	1.62401	2.15549	1.44308	0.5951	1
cg16172672	DIXDC1;DIXDC1	0.14652	0.187109	2.91808	2.91808	0.417881	0.53044	-1.88523	0.724823	1.31088	1.31088	0.174235	3.02534	3.02534	0.171412	3.05033	3.05033	0.350301	2.08824	2.08824	0.0220786	8.18579	8.18579	0.0443771	5.86255	5.86255	0.105814	3.8693	3.8693	2.15549	20.0259	8.25835	1
cg07327325	PAX2;PAX2;PAX2;PAX2;PAX2	0.14652	0.710175	0.953025	-1.04929	0.609046	1.06875	1.06875	0.749382	0.95953	-1.04218	0.96477	0.994323	-1.00571	0.278786	0.864894	-1.15621	0.961885	0.993859	-1.00618	0.0220347	0.701894	-1.42472	0.0885161	1.27406	1.27406	0.0875745	1.27516	1.27516	2.15549	0.567161	0.233888	1
cg26304119	PITPNM1;PITPNM1	0.146523	0.548303	0.789901	-1.26598	0.418021	0.725192	-1.37895	0.0567137	0.43283	-2.31038	0.932924	1.03322	1.03322	0.00853738	0.271723	-3.68022	0.141166	0.540948	-1.84861	0.447935	1.35024	1.35024	0.630269	0.828359	-1.20721	0.677332	0.850041	-1.17641	2.15547	5.14621	2.12223	1
cg25929533	C6orf174	0.146524	0.849274	1.04528	1.04528	0.0374712	0.570085	-1.75412	0.146875	1.43677	1.43677	0.0510712	0.596189	-1.67732	0.943131	1.01675	1.01675	0.45591	1.19335	1.19335	0.936737	1.01865	1.01865	0.130984	0.684149	-1.46167	0.524034	1.16218	1.16218	2.15547	1.84969	0.762788	1
cg02015529	TM9SF2	0.146524	0.453461	1.15286	1.15286	0.246648	1.25315	1.25315	0.0933112	1.41037	1.41037	0.205009	1.28286	1.28286	0.133001	0.739396	-1.35246	0.276713	1.23459	1.23459	0.83709	1.0391	1.0391	0.0171456	1.71791	1.71791	0.896228	0.975986	-1.0246	2.15546	1.18447	0.488462	1
cg17675125	CHD7	0.146525	0.583963	0.934457	-1.07014	0.79951	0.969284	-1.03169	0.862423	0.978963	-1.02149	0.066973	0.777468	-1.28623	0.547444	1.07748	1.07748	0.0784257	1.27079	1.27079	0.0823318	0.789849	-1.26606	0.0607685	0.771724	-1.2958	0.300592	0.87679	-1.14052	2.15546	0.512972	0.211545	1
cg11207507	SPRY2	0.146527	0.760325	0.952525	-1.04984	0.428024	0.879298	-1.13727	0.113253	1.3152	1.3152	0.413507	1.14213	1.14213	0.367711	1.15846	1.15846	0.786179	1.04417	1.04417	0.384606	0.867874	-1.15224	0.407046	1.14434	1.14434	0.00802863	1.71588	1.71588	2.15545	0.862666	0.355756	1
cg05687210	POLL;RP11-529I10.4;POLL	0.146527	0.781987	1.07478	1.07478	0.786929	0.931993	-1.07297	0.919397	1.02666	1.02666	0.432961	0.812195	-1.23123	0.0065328	0.399072	-2.50582	0.0568908	0.571112	-1.75097	0.283395	0.748468	-1.33606	0.977816	0.992798	-1.00725	0.746132	1.08811	1.08811	2.15545	2.30687	0.951337	1
cg26315802	TAPBP;TAPBP;TAPBP;TAPBP;TAPBP;TAPBP	0.146528	0.484396	0.926643	-1.07916	0.219677	0.870768	-1.14841	0.547941	0.936891	-1.06736	0.821175	1.02457	1.02457	0.231795	0.874186	-1.14392	0.416271	0.914773	-1.09317	0.0185063	0.736194	-1.35834	0.957658	0.994324	-1.00571	0.0523343	1.26693	1.26693	2.15544	0.392422	0.161832	1
cg19797741	FLJ42709;FLJ42709	0.146538	0.824097	1.09275	1.09275	0.910277	1.04594	1.04594	0.47348	0.747916	-1.33705	0.547143	0.784482	-1.27473	0.0445018	0.398802	-2.50751	0.34474	1.47363	1.47363	0.0381782	2.60447	2.60447	0.3602	1.45467	1.45467	0.139674	0.530879	-1.88367	2.15537	5.41846	2.23461	1
cg16636692	HIST1H2BK;HIST1H2AH	0.146539	0.44325	1.11603	1.11603	0.549194	0.918411	-1.08884	0.328606	0.867968	-1.15212	0.175825	0.816984	-1.22401	0.330615	1.1514	1.1514	0.181451	1.22044	1.22044	0.0149475	0.656892	-1.52232	0.306883	0.861958	-1.16015	0.882362	1.02101	1.02101	2.15536	0.673198	0.277632	1
cg07747553	RASD2	0.146543	0.114215	0.491103	-2.03623	0.0893893	2.17094	2.17094	0.290066	1.57531	1.57531	0.551606	1.2831	1.2831	0.040564	0.375768	-2.66122	0.516107	0.761473	-1.31324	0.368204	0.682134	-1.46599	0.644456	0.82504	-1.21206	0.166247	0.542832	-1.84219	2.15534	5.84709	2.41142	1
cg23143093	NEK10	0.146543	0.914924	1.02383	1.02383	0.0918617	0.664372	-1.50518	0.702261	0.918852	-1.08831	0.523282	0.867155	-1.1532	0.554179	1.14092	1.14092	0.0427237	1.67196	1.67196	0.542523	1.14549	1.14549	0.0587027	0.624678	-1.60082	0.175247	0.727867	-1.37388	2.15533	1.65731	0.683498	1
cg18582997	C19orf20	0.146543	0.383715	0.820757	-1.21839	0.0109166	2.02704	2.02704	0.842168	0.956869	-1.04508	0.663671	1.1016	1.1016	0.392904	0.824026	-1.21355	0.216889	0.750258	-1.33287	0.398062	1.21088	1.21088	0.154916	1.40025	1.40025	0.641519	1.10926	1.10926	2.15533	1.66945	0.688505	1
cg08851591	C19orf61	0.146544	0.556548	0.756319	-1.32219	0.995612	0.997431	-1.00258	0.742652	1.16685	1.16685	?	?	?	0.0753256	0.381457	-2.62153	0.810047	0.893409	-1.11931	0.355199	1.56741	1.56741	0.0131	0.209576	-4.77155	0.268707	0.578789	-1.72775	2.44047	7.1587	2.19999	1
cg14527145	FAM107B	0.14655	0.161135	1.59317	1.59317	0.551179	0.828915	-1.2064	0.781528	1.09037	1.09037	0.267975	1.43199	1.43199	0.841388	1.06434	1.06434	0.0925621	1.77893	1.77893	0.0215301	2.3611	2.3611	0.0404438	2.08863	2.08863	0.13867	1.6422	1.6422	2.15528	3.30548	1.36326	1
cg13043454	LHCGR	0.146552	0.494706	0.847443	-1.18002	0.741805	1.08213	1.08213	0.0195968	0.510042	-1.96062	0.0296283	0.542658	-1.84278	0.660322	0.899807	-1.11135	0.937016	1.01905	1.01905	0.249781	0.750413	-1.3326	0.185269	0.715078	-1.39845	0.0707055	0.617464	-1.61953	2.15527	1.94534	0.802308	1
cg12288982	PHRF1	0.146552	0.925486	1.04325	1.04325	0.932819	1.0389	1.0389	0.931454	0.961807	-1.03971	0.148565	0.4959	-2.01654	0.00897972	0.222233	-4.49977	0.0959898	0.43713	-2.28765	0.239874	0.572889	-1.74554	0.390245	1.48961	1.48961	0.426802	0.692609	-1.44382	2.15527	6.99416	2.88457	1
cg19370684	PRKCZ	0.146552	0.05916	16.2329	16.2329	0.140026	7.98017	7.98017	0.140777	7.94421	7.94421	0.159688	7.13823	7.13823	0.978082	0.964702	-1.03659	0.821127	0.743613	-1.34478	0.712	0.615663	-1.62426	0.0329675	26.1118	26.1118	0.055885	17.002	17.002	2.15527	58.4102	24.0898	1
cg15420634	SLC9A3	0.146554	0.444379	0.796128	-1.25608	0.0316563	2.08894	2.08894	0.640001	0.871326	-1.14768	0.854798	1.05503	1.05503	0.0597868	0.53736	-1.86095	0.0988895	0.589144	-1.69738	0.983195	0.99386	-1.00618	0.822554	1.06789	1.06789	0.170565	0.652635	-1.53225	2.15526	2.91864	1.20373	1
cg20048125	ERICH1	0.146556	0.438807	0.89329	-1.11946	0.0416413	1.39882	1.39882	0.933174	1.01206	1.01206	0.470585	0.900424	-1.11059	0.123202	0.787705	-1.26951	0.278391	0.851237	-1.17476	0.0509154	0.72776	-1.37408	0.963789	1.00651	1.00651	0.291379	1.16936	1.16936	2.15524	0.69705	0.287485	1
cg21424904	GRK6;GRK6;GRK6	0.146557	0.417907	1.09513	1.09513	0.394125	1.10056	1.10056	0.454796	0.919822	-1.08717	0.0323569	0.75953	-1.3166	0.741178	0.964268	-1.03706	0.126826	0.834202	-1.19875	0.0231902	0.742346	-1.34708	0.948436	0.992925	-1.00713	0.390611	0.907949	-1.10138	2.15523	0.411341	0.16965	1
cg11967888	RNF152	0.146562	0.61078	0.927279	-1.07842	0.186677	1.22863	1.22863	0.482634	1.11066	1.11066	0.103887	1.29896	1.29896	0.451067	0.893197	-1.11957	0.219931	1.20892	1.20892	0.0287029	0.684166	-1.46163	0.257205	1.18997	1.18997	0.536893	0.912127	-1.09634	2.1552	0.738511	0.304591	1
cg05767421	MAL2	0.146562	0.0616621	7.37726	7.37726	0.932721	0.922963	-1.08347	0.128047	4.76857	4.76857	0.150981	4.31112	4.31112	0.541738	0.556294	-1.79761	0.373396	2.3811	2.3811	0.512027	1.88023	1.88023	0.0135502	18.1907	18.1907	0.156524	4.21623	4.21623	2.1552	30.7693	12.6905	1
cg02586198	MAZ;MAZ	0.146565	0.0543961	0.462922	-2.16019	0.894621	1.04787	1.04787	0.195182	1.62168	1.62168	0.692599	1.15051	1.15051	0.0270302	0.39702	-2.51876	?	?	?	0.197777	0.618564	-1.61665	0.368805	0.722018	-1.38501	0.767958	0.900864	-1.11005	2.17279	3.80857	1.75284	1
cg09226684	KLK10;KLK10;KLK10	0.146566	0.0796134	0.796308	-1.2558	0.16182	1.19112	1.19112	0.679246	0.952487	-1.04988	0.99303	1.00102	1.00102	0.0729932	0.791268	-1.26379	0.663483	0.950037	-1.05259	0.0777445	0.794924	-1.25798	0.165573	0.841024	-1.18903	0.0648278	0.78445	-1.27478	2.15517	0.467835	0.192956	1
cg20838631	TRRAP	0.146566	0.108808	0.468377	-2.13503	0.102659	0.460957	-2.1694	0.949178	0.972735	-1.02803	0.259694	0.60055	-1.66514	0.0249582	0.314421	-3.18045	0.175057	0.535004	-1.86915	0.0840959	0.436545	-2.29071	0.0320012	0.336346	-2.97313	0.366848	0.668958	-1.49486	2.15517	6.41964	2.64775	1
cg24808966	PMS2L3	0.146568	0.489884	0.907227	-1.10226	0.33356	1.14849	1.14849	0.20778	1.20246	1.20246	0.241759	0.843598	-1.1854	0.463168	1.10922	1.10922	0.206266	0.831059	-1.20328	0.117994	1.2657	1.2657	0.0622803	1.33818	1.33818	0.0813802	1.30754	1.30754	2.15516	0.657673	0.271255	1
cg19862782	SDF4;SDF4	0.146568	0.707458	0.842436	-1.18703	0.0288465	3.22898	3.22898	0.0492475	2.77543	2.77543	0.464427	1.40304	1.40304	0.530415	0.748978	-1.33515	0.108696	0.45125	-2.21607	0.442029	0.700107	-1.42835	0.757552	0.868638	-1.15123	0.807692	1.11729	1.11729	2.15516	7.06037	2.91203	1
cg01220720	NOTCH4	0.146569	0.25966	1.11531	1.11531	0.0195288	1.29947	1.29947	0.383003	1.08658	1.08658	0.114041	1.17299	1.17299	0.349507	1.0935	1.0935	0.110842	1.17496	1.17496	0.147911	1.15497	1.15497	0.336259	0.912083	-1.09639	0.45719	0.932139	-1.0728	2.15515	0.294032	0.121273	1
cg06610484	MCHR2;MCHR2;MCHR2	0.146569	0.0447273	33.8028	33.8028	0.260586	6.00599	6.00599	0.415555	3.56592	3.56592	0.527775	0.376287	-2.65755	0.313233	0.203186	-4.9216	0.620588	2.14339	2.14339	0.0481973	31.4897	31.4897	0.0426618	35.3538	35.3538	0.354981	4.27936	4.27936	2.15515	79.6763	32.8624	1
cg08125824	HECTD1	0.14657	0.981294	0.991228	-1.00885	0.00767958	0.275986	-3.62337	0.694709	0.862238	-1.15977	0.235672	0.626872	-1.59522	0.0376813	0.404167	-2.47423	0.666538	0.849669	-1.17693	0.636717	1.19575	1.19575	0.809012	0.913022	-1.09526	0.969295	0.98564	-1.01457	2.15515	4.82	1.988	1
cg00037388	EML6	0.14657	0.0936612	0.844438	-1.18422	0.412338	0.926008	-1.0799	0.086889	0.840795	-1.18935	0.711566	1.03465	1.03465	0.278756	0.901869	-1.10881	0.100017	0.847649	-1.17973	0.125171	1.16442	1.16442	0.149686	0.867916	-1.15219	0.343251	1.09368	1.09368	2.15515	0.287102	0.118415	1
cg18542177	ARL4A;ARL4A;ARL4A	0.146572	0.704439	0.865846	-1.15494	0.667134	1.17767	1.17767	0.154427	0.562053	-1.77919	0.0539991	0.437476	-2.28584	?	?	?	0.781621	0.900294	-1.11075	0.0816812	2.07361	2.07361	0.782095	0.900506	-1.11049	0.0940065	2.00563	2.00563	2.17274	4.36987	2.01123	1
cg26008272	ZNF296	0.146573	0.467545	0.734436	-1.36159	0.25228	1.64761	1.64761	0.218323	1.71712	1.71712	0.635066	1.22095	1.22095	0.0202411	0.310671	-3.21884	0.850744	0.92436	-1.08183	0.0717682	0.431976	-2.31495	0.485401	1.34447	1.34447	0.473644	0.737644	-1.35567	2.15513	5.95063	2.45436	1
cg16886403	TSNARE1	0.146574	0.558192	0.802108	-1.24672	0.00658994	3.7202	3.7202	0.166391	1.73241	1.73241	0.895894	1.04996	1.04996	0.0987306	1.96243	1.96243	0.75498	1.12365	1.12365	0.736538	0.881838	-1.134	0.962128	0.982473	-1.01784	0.896304	0.952602	-1.04976	2.15512	4.73336	1.9523	1
cg11811184	CCNL2;CCNL2;CCNL2;CCNL2	0.146578	0.527142	0.885765	-1.12897	0.31192	1.21902	1.21902	0.188291	1.30203	1.30203	0.890427	1.02644	1.02644	0.128324	0.732559	-1.36508	0.301425	0.816524	-1.2247	0.212883	0.780073	-1.28193	0.351636	1.19898	1.19898	0.0239578	0.600524	-1.66521	2.15509	1.22336	0.504585	1
cg04799062	GTPBP4	0.146579	0.0397935	0.259967	-3.84665	0.112689	2.66099	2.66099	0.486138	0.669579	-1.49348	0.662179	1.28298	1.28298	0.62551	0.756699	-1.32153	0.384776	0.60346	-1.65711	0.773778	0.849294	-1.17745	0.731472	1.21561	1.21561	0.0244749	0.218902	-4.56826	2.15508	10.9652	4.52271	1
cg27188243	TEAD1	0.14658	0.810077	1.0497	1.0497	0.0711176	1.50102	1.50102	0.153044	1.36108	1.36108	0.471107	1.15916	1.15916	0.16056	1.35254	1.35254	0.184496	1.32787	1.32787	0.00738028	2.00474	2.00474	0.996604	0.999143	-1.00086	0.286007	1.25011	1.25011	2.15508	1.3853	0.571385	1
cg09237899	TULP4;TULP4	0.146582	0.700079	0.937775	-1.06635	0.0872247	0.730941	-1.3681	0.700012	1.06637	1.06637	0.710203	1.06391	1.06391	0.581521	0.911744	-1.0968	0.0184808	1.60682	1.60682	0.0835254	1.37428	1.37428	0.94691	0.989008	-1.01111	0.338271	1.17803	1.17803	2.15506	0.940274	0.387831	1
cg09106728	CAT	0.146586	0.832958	0.943324	-1.06008	0.886575	0.961339	-1.04022	0.020247	0.461443	-2.16711	0.489179	0.823583	-1.21421	0.517829	0.834333	-1.19856	0.181092	0.675534	-1.48031	0.0608155	1.7929	1.7929	0.261547	1.38188	1.38188	0.600777	0.86428	-1.15703	2.15504	2.60472	1.07437	1
cg25408901	ISL1	0.146589	0.951301	1.04363	1.04363	0.940109	1.05394	1.05394	0.264657	0.443587	-2.25435	0.584773	1.4708	1.4708	0.261457	0.440964	-2.26776	0.658942	0.733032	-1.3642	0.706947	0.767918	-1.30222	0.00689039	11.54	11.54	0.328884	2.02298	2.02298	2.15501	16.6851	6.88217	1
cg04475085	CASP7;CASP7;CASP7;CASP7	0.14659	0.351114	0.904423	-1.10568	0.554826	1.06453	1.06453	0.997063	0.999615	-1.00039	0.0881932	0.821234	-1.21768	0.00963681	1.40913	1.40913	0.871481	0.983195	-1.01709	0.55252	1.06492	1.06492	0.753988	1.03346	1.03346	0.39777	1.09487	1.09487	2.15501	0.374003	0.154267	1
cg00152117	ARHGEF11;ARHGEF11	0.146592	0.148492	0.596668	-1.67597	0.851063	1.06463	1.06463	0.132794	0.582508	-1.71672	0.115164	0.565105	-1.76958	0.122089	0.572154	-1.74778	0.0247142	0.41024	-2.4376	0.10174	0.550507	-1.81651	0.628091	1.17662	1.17662	0.103938	0.552991	-1.80835	2.15499	3.78927	1.563	1
cg07277618	SLCO3A1;SLCO3A1	0.146595	0.812391	1.08992	1.08992	0.109925	0.532063	-1.87948	0.0389601	0.420848	-2.37615	0.0952617	1.94207	1.94207	0.341785	1.42577	1.42577	0.504247	1.27814	1.27814	0.169353	1.69922	1.69922	0.354317	1.4121	1.4121	0.933738	1.03057	1.03057	2.15497	4.47559	1.8461	1
cg03462322	MPG	0.146596	0.453749	1.33	1.33	0.0645061	2.17285	2.17285	0.112563	0.524401	-1.90694	0.57965	0.81134	-1.23253	0.840406	0.927425	-1.07825	0.500295	1.29131	1.29131	0.0279287	2.63959	2.63959	0.15718	1.76	1.76	0.858526	0.935501	-1.06895	2.15497	4.76569	1.96577	1
cg19172143	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4	0.146596	0.10928	0.412883	-2.42199	0.695835	1.22022	1.22022	0.0679161	0.354943	-2.81735	0.210217	0.512281	-1.95205	0.0134598	0.212255	-4.71132	0.21147	0.513322	-1.9481	0.117779	0.422959	-2.3643	0.517994	0.717487	-1.39375	0.172858	0.479583	-2.08514	2.15496	8.75842	3.61271	1
cg17897187	KIAA1026;KIAA1026	0.146598	0.0860971	0.589623	-1.696	0.547543	1.18475	1.18475	0.303664	0.743223	-1.34549	0.613101	0.867593	-1.15261	0.37342	0.775292	-1.28984	0.370462	0.774003	-1.29199	0.0177849	2.23156	2.23156	0.314835	1.33579	1.33579	0.974457	1.00896	1.00896	2.15495	2.64814	1.09232	1
cg02313492	CDH4	0.1466	0.049532	0.168478	-5.93549	0.0570139	0.180592	-5.53734	0.249326	0.384083	-2.6036	0.250375	0.38497	-2.59761	0.0469574	0.164099	-6.0939	0.0819967	0.216204	-4.62526	0.0707996	0.201006	-4.97498	0.0660446	0.194204	-5.14922	0.449619	0.542105	-1.84466	2.15494	21.5569	8.89198	1
cg12763094	ZSWIM5	0.146607	0.133908	0.746936	-1.3388	0.107264	0.7281	-1.37344	0.386618	0.851983	-1.17373	0.0396068	0.650805	-1.53656	0.112588	0.73215	-1.36584	0.795779	0.954264	-1.04793	0.585817	1.10441	1.10441	0.680424	1.07762	1.07762	0.0300023	0.630802	-1.58528	2.15489	1.11189	0.458653	1
cg16218610	HIST1H2AC;HIST1H2BC;HIST1H2AC	0.146611	0.449107	0.91733	-1.09012	0.148714	1.18918	1.18918	0.129409	1.20116	1.20116	0.285804	1.13203	1.13203	0.116055	1.21055	1.21055	0.927078	1.01029	1.01029	0.042034	0.769442	-1.29964	0.667922	0.952867	-1.04946	0.213406	1.15786	1.15786	2.15486	0.427101	0.176181	1
cg03403386	COG8;NIP7	0.146611	0.0107737	0.535055	-1.86897	0.225297	0.779888	-1.28224	0.505706	0.876492	-1.14091	0.32517	0.820097	-1.21937	0.298261	1.23427	1.23427	0.220922	1.28557	1.28557	0.366916	0.834484	-1.19835	0.97245	0.993281	-1.00676	0.573603	1.1174	1.1174	2.15486	1.30057	0.536491	1
cg25791279	PISD	0.146611	0.0304975	1.54492	1.54492	0.567428	0.905847	-1.10394	0.574604	1.10188	1.10188	0.0718231	0.709042	-1.41035	0.586383	1.09855	1.09855	0.0552148	1.45039	1.45039	0.620912	0.918248	-1.08903	0.412928	1.15397	1.15397	0.941073	1.01273	1.01273	2.15486	0.998861	0.412035	1
cg11301416	TMEM217;TMEM217;TBC1D22B;TBC1D22B;TMEM217	0.146613	0.953343	0.991788	-1.00828	0.327723	0.86729	-1.15302	0.747497	0.955497	-1.04658	0.412377	0.888593	-1.12537	0.0152681	0.657164	-1.52169	0.325222	0.866609	-1.15392	0.12306	1.26547	1.26547	0.0717217	0.753237	-1.3276	0.816543	1.03329	1.03329	2.15485	0.677846	0.279616	1
cg01500567	CDC5L	0.146613	0.838425	1.02909	1.02909	0.0394413	1.39738	1.39738	0.13649	1.25271	1.25271	0.285012	1.16879	1.16879	0.621965	0.932579	-1.0723	0.107553	1.27975	1.27975	0.128047	0.793687	-1.25994	0.117169	1.27001	1.27001	0.278579	1.17144	1.17144	2.15485	0.673178	0.277691	1
cg12872238	TRPC5;ZCCHC16	0.146619	0.0637709	3.05142	3.05142	0.333022	1.70674	1.70674	0.899867	1.06971	1.06971	0.689564	0.80658	-1.2398	0.260493	0.533497	-1.87442	0.0546091	3.21304	3.21304	0.0363776	3.67781	3.67781	0.152656	2.27065	2.27065	0.508755	1.43169	1.43169	2.1548	9.78067	4.03468	1
cg17489534	BCAM;BCAM	0.146619	0.0547261	0.270761	-3.69329	0.578648	1.39987	1.39987	0.272922	0.504504	-1.98214	0.313264	0.535059	-1.86895	0.0316599	0.220798	-4.52903	0.158318	0.404832	-2.47016	0.0341179	0.227054	-4.40424	0.143325	0.389457	-2.56768	0.391093	0.590437	-1.69366	2.1548	12.2695	5.06136	1
cg26181583	KRT25	0.146624	0.0455372	2.24078	2.24078	0.654036	0.853235	-1.17201	0.133585	0.565916	-1.76705	0.297475	0.683843	-1.46232	0.499938	0.785897	-1.27243	0.312997	1.44367	1.44367	0.0906215	1.927	1.927	0.489741	1.28002	1.28002	0.152897	1.71363	1.71363	2.15477	4.22476	1.74281	1
cg16392391	NHEG1	0.146625	0.0260212	0.243296	-4.11022	0.861095	0.910546	-1.09824	0.846346	0.901402	-1.10938	0.286566	0.553156	-1.80781	0.0209782	0.22629	-4.4191	0.465414	0.672012	-1.48807	0.826249	0.889026	-1.12483	0.0351659	0.269045	-3.71685	0.698423	0.81195	-1.2316	2.15477	9.76966	4.0302	1
cg00017033	C14orf135;C14orf135	0.146629	0.439234	1.34206	1.34206	0.936168	1.03032	1.03032	0.982462	0.991836	-1.00823	0.256805	0.643145	-1.55486	0.236538	0.629687	-1.58809	0.0239331	0.366127	-2.73129	0.0396148	2.42894	2.42894	0.947677	1.02478	1.02478	0.669751	0.852147	-1.17351	2.15473	4.74622	1.95795	1
cg21189909	FAM131C	0.14663	0.377104	0.655137	-1.5264	0.512761	1.36309	1.36309	0.176047	1.95671	1.95671	0.212041	0.541502	-1.84672	0.424549	0.683487	-1.46308	0.643143	0.804359	-1.24323	0.522917	0.739243	-1.35273	0.00757638	0.201332	-4.96693	0.798829	0.887657	-1.12656	2.15473	7.43051	3.0653	1
cg16336494	MTHFD1L	0.146631	0.107451	0.18782	-5.32425	0.801709	0.787008	-1.27064	0.800602	1.27238	1.27238	0.232202	0.303442	-3.29552	0.0431186	0.109163	-9.16059	0.368555	0.41517	-2.40865	0.0163057	0.0610868	-16.3701	0.210432	0.284752	-3.51182	0.089665	0.168488	-5.93513	2.15472	30.9174	12.7544	1
cg26337998	PCDHGA4;PCDHGA2;PCDHGB2;PCDHGA1;PCDHGB3;PCDHGB3;PCDHGA5;PCDHGB1;PCDHGA3	0.146631	0.238115	3.56524	3.56524	0.207172	3.92928	3.92928	0.303253	2.99515	2.99515	0.128455	5.42183	5.42183	0.425276	0.432744	-2.31084	0.481948	0.479382	-2.08602	0.586399	0.568272	-1.75972	0.0157369	21.003	21.003	0.156412	4.757	4.757	2.15472	36.1164	14.8992	1
cg01248878	HEATR6	0.146636	0.0414127	0.407869	-2.45177	0.713079	0.868643	-1.15122	0.700376	0.862923	-1.15885	0.226613	0.61628	-1.62264	0.0219498	0.350631	-2.852	0.608162	0.82105	-1.21795	0.0389238	0.401922	-2.48804	0.730827	0.876627	-1.14074	0.0815184	0.478951	-2.0879	2.15469	4.96107	2.04663	1
cg13152130	C6orf204;C6orf204	0.146641	0.922297	1.02094	1.02094	0.0311567	1.71109	1.71109	0.484924	1.16267	1.16267	0.549025	0.879179	-1.13743	0.406869	0.835109	-1.19745	0.670557	0.913133	-1.09513	0.0236322	1.77514	1.77514	0.960384	1.0106	1.0106	0.120395	1.43013	1.43013	2.15465	1.53912	0.634954	1
cg03739382	SCN1A;SCN1A;SCN1A	0.146643	0.0733024	0.692941	-1.44312	0.290871	1.22301	1.22301	0.0553899	0.6711	-1.49009	0.664052	0.922873	-1.08357	0.205493	0.782451	-1.27804	0.462378	1.1473	1.1473	0.131685	1.34835	1.34835	0.621979	1.09558	1.09558	0.221697	0.789849	-1.26606	2.15463	1.15118	0.474915	1
cg27053337	FAM83A;FAM83A	0.146647	0.666164	1.12385	1.12385	0.541524	0.846829	-1.18088	0.162088	0.669265	-1.49418	0.0911399	1.64966	1.64966	0.138375	1.536	1.536	0.0533619	1.80469	1.80469	0.456902	1.22607	1.22607	0.124839	1.56354	1.56354	0.104823	1.61099	1.61099	2.15461	2.4695	1.0188	1
cg13404427	PDE4D	0.146648	0.413985	0.728906	-1.37192	0.0243056	0.361854	-2.76354	0.0343442	0.392706	-2.54643	0.55909	0.799559	-1.25069	0.0326279	0.387986	-2.57742	0.786072	0.902115	-1.10851	0.285163	0.656814	-1.5225	0.45534	0.749822	-1.33365	0.0938863	0.497821	-2.00875	2.1546	4.89264	2.01848	1
cg22854985	ZAK;ZAK	0.146648	0.0551444	0.0966686	-10.3446	0.199482	0.233	-4.29184	0.563053	0.533493	-1.87444	0.443136	0.431598	-2.31697	0.0605025	0.102844	-9.72347	0.179463	0.216047	-4.62861	0.0171965	0.0441717	-22.639	0.129914	0.172389	-5.80084	0.0891032	0.13334	-7.49962	2.1546	39.4059	16.2571	1
cg06968155	SLC22A5	0.146653	0.800786	1.03461	1.03461	0.0994413	1.27513	1.27513	0.174114	1.21481	1.21481	0.0329424	0.714823	-1.39895	0.461933	0.90412	-1.10605	0.442954	1.11102	1.11102	0.104931	0.787824	-1.26932	0.633064	1.06688	1.06688	0.624299	0.935724	-1.06869	2.15457	0.618111	0.255008	1
cg05395704	C10orf11	0.146654	0.38131	0.622914	-1.60536	0.120596	0.411698	-2.42897	0.0341124	0.271592	-3.68199	0.895303	0.932949	-1.07187	0.0396659	0.285363	-3.5043	0.765303	1.17095	1.17095	0.180561	0.472598	-2.11597	0.210436	2.00504	2.00504	0.893762	1.07297	1.07297	2.15456	9.4821	3.91195	1
cg15937081	C14orf106	0.146655	0.178845	0.709094	-1.41025	0.418883	0.819697	-1.21996	0.141499	1.4631	1.4631	0.460465	1.19827	1.19827	0.445171	0.829159	-1.20604	0.136219	1.47176	1.47176	0.0474396	1.72608	1.72608	0.120245	1.50034	1.50034	0.242336	1.34251	1.34251	2.15455	1.97711	0.815684	1
cg10381113	SPATA13;SPATA13	0.146656	0.968869	1.01793	1.01793	0.0940561	0.432411	-2.31262	0.368254	0.656476	-1.52329	0.336146	0.636581	-1.57089	0.00911819	0.221225	-4.52028	0.271266	1.6847	1.6847	0.527919	0.747344	-1.33807	0.73628	1.16641	1.16641	0.6624	1.22149	1.22149	2.15455	7.07688	2.91967	1
cg23259713	CSGALNACT2	0.146657	0.813622	0.920014	-1.08694	0.0108706	0.323423	-3.09192	0.0489084	0.452124	-2.21178	0.461226	0.767368	-1.30316	0.086578	0.512621	-1.95076	0.258297	0.659439	-1.51644	0.537741	0.802315	-1.24639	0.595728	1.20806	1.20806	0.965789	0.984974	-1.01526	2.15454	4.25188	1.75418	1
cg20424854	STK32B	0.146659	0.428823	0.811379	-1.23247	0.0156851	0.464674	-2.15205	0.187533	0.696667	-1.43541	0.932282	0.978247	-1.02224	0.0473447	0.555907	-1.79886	0.311295	1.31138	1.31138	0.875455	0.960224	-1.04142	0.262996	0.739347	-1.35255	0.169185	0.684522	-1.46087	2.15453	2.28509	0.942753	1
cg01255591	R3HDML;R3HDML	0.146659	0.137203	0.407675	-2.45293	0.292551	0.542236	-1.84422	0.211597	0.478257	-2.09092	0.0879406	0.348007	-2.87351	0.0355652	0.253756	-3.9408	0.150506	0.421575	-2.37206	0.0429273	0.270948	-3.69075	0.0410343	0.266726	-3.74916	0.141448	0.412189	-2.42607	2.15452	10.7199	4.42271	1
cg12871990	C3orf38;C3orf38	0.146662	0.516027	0.90357	-1.10672	0.643965	1.07429	1.07429	0.514327	0.903188	-1.10719	0.890425	1.02145	1.02145	0.513419	0.902984	-1.10744	0.0694089	0.731432	-1.36718	0.00563472	0.571519	-1.74972	0.746229	1.05127	1.05127	0.904786	0.981743	-1.0186	2.1545	0.809012	0.333776	1
cg09639837	MAP3K8	0.146665	0.918611	1.02592	1.02592	0.662817	1.11612	1.11612	0.368991	0.793716	-1.2599	0.903092	1.03097	1.03097	0.0767334	0.610844	-1.63708	0.00740288	0.421503	-2.37246	0.662502	0.895864	-1.11624	0.426904	0.816177	-1.22522	0.400564	1.24043	1.24043	2.15448	2.13935	0.882644	1
cg14709479	TTLL10	0.146666	0.0978434	3.07685	3.07685	0.0120955	6.932	6.932	0.496946	1.53238	1.53238	0.439277	1.62933	1.62933	0.0686238	3.5303	3.5303	0.934693	1.05203	1.05203	0.0988849	3.06416	3.06416	0.607598	1.37787	1.37787	0.0881245	3.20474	3.20474	2.15447	13.0683	5.39169	1
cg18432145	HIP1	0.146671	0.662875	0.951156	-1.05135	0.0503235	0.77515	-1.29007	0.535569	0.930882	-1.07425	0.157695	1.18823	1.18823	0.859839	1.02038	1.02038	0.288743	0.881858	-1.13397	0.0275992	0.742763	-1.34632	0.245032	0.870384	-1.14892	0.382024	1.10777	1.10777	2.15444	0.444692	0.183473	1
cg07796002	ARHGEF1;ARHGEF1;ARHGEF1	0.146675	0.116171	0.34711	-2.88093	0.127247	0.359841	-2.77901	0.0530736	0.256099	-3.90474	0.812276	0.862911	-1.15887	0.0642598	0.275678	-3.62742	0.455745	0.624506	-1.60127	0.0140896	0.152896	-6.54038	0.446802	0.618444	-1.61696	0.855858	0.893429	-1.11928	2.15441	13.105	5.40697	1
cg01917657	PANX2;PANX2;PANX2	0.146675	?	?	?	0.029834	2.73756	2.73756	0.131379	1.89964	1.89964	0.525622	1.28837	1.28837	0.16269	0.555914	-1.79884	0.362787	1.44555	1.44555	0.258281	1.59155	1.59155	0.108084	1.99509	1.99509	0.650079	0.835333	-1.19713	2.172	4.7458	2.18499	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21581283	NCOR2;NCOR2	0.146675	0.529133	0.88201	-1.13377	0.754456	1.06373	1.06373	0.636387	1.09832	1.09832	0.331158	0.820821	-1.21829	0.0131652	0.545897	-1.83185	0.0650659	0.665042	-1.50366	0.300521	1.23524	1.23524	0.439992	1.16776	1.16776	0.525154	0.88091	-1.13519	2.15441	1.32317	0.545927	1
cg00569500	TNFRSF8	0.146676	0.649544	0.811457	-1.23235	0.314312	1.60839	1.60839	0.564523	0.766438	-1.30474	0.363635	1.5317	1.5317	0.0614427	0.382018	-2.61768	0.510888	1.35602	1.35602	0.944084	1.03255	1.03255	0.0152171	0.256291	-3.90181	0.478653	1.38951	1.38951	2.15441	7.11684	2.93634	1
cg21935385	ARFGEF1	0.146676	0.0349001	0.679367	-1.47196	0.02098	0.646161	-1.5476	0.0902526	0.745596	-1.34121	0.204046	0.809951	-1.23464	0.162572	0.79102	-1.26419	0.337823	0.856092	-1.1681	0.297136	0.843688	-1.18527	0.152287	0.78574	-1.27269	0.670849	1.06953	1.06953	2.15441	0.843727	0.348114	1
cg08331842	HEXA;C15orf34	0.146677	0.347905	1.35439	1.35439	0.884541	1.04666	1.04666	0.807345	1.0797	1.0797	0.598019	1.18176	1.18176	0.999654	0.999864	-1.00014	0.0212599	0.419341	-2.38469	0.0662115	1.90934	1.90934	0.0850597	1.81786	1.81786	0.596825	1.18242	1.18242	2.1544	3.36163	1.38698	1
cg27006027	ANKRD27;RGS9BP	0.146684	0.596021	1.10204	1.10204	0.444514	1.15207	1.15207	0.662641	0.923372	-1.08299	0.414968	1.16338	1.16338	0.739824	0.941271	-1.06239	0.860042	0.968457	-1.03257	0.0766036	0.699284	-1.43003	0.101215	1.38533	1.38533	0.0220835	0.60745	-1.64623	2.15435	1.12534	0.464315	1
cg18307957	TMEM201;TMEM201	0.146688	0.91218	1.01341	1.01341	0.0841158	1.25949	1.25949	0.0548446	1.30067	1.30067	0.0591035	1.2934	1.2934	0.931737	0.989711	-1.0104	0.881074	1.01824	1.01824	0.0685455	0.781812	-1.27908	0.399963	1.10962	1.10962	0.516797	1.08258	1.08258	2.15432	0.497233	0.205162	1
cg11076996	PIWIL4	0.14669	0.799377	0.919136	-1.08798	0.0137571	0.364804	-2.7412	0.0338961	0.44043	-2.27051	0.412879	0.757919	-1.3194	0.412867	1.31941	1.31941	0.708744	0.883169	-1.13229	0.588952	1.19797	1.19797	0.526572	1.2367	1.2367	0.952973	1.01972	1.01972	2.15431	3.74027	1.54327	1
cg02121704	CHEK1;CHEK1;CHEK1;CHEK1;CHEK1	0.146691	0.953051	1.05754	1.05754	0.215427	3.45204	3.45204	0.310265	2.71191	2.71191	0.809758	0.795191	-1.25756	?	?	?	0.0459226	0.113724	-8.79325	?	?	?	?	?	?	0.0951557	5.71081	5.71081	2.22046	21.1686	12.7112	1
cg19460817	CUGBP1	0.146695	0.919403	1.03026	1.03026	0.0156683	2.39314	2.39314	0.578247	1.1799	1.1799	0.478016	1.23675	1.23675	0.0857323	0.571538	-1.74967	0.328416	0.74294	-1.346	0.892742	1.04054	1.04054	0.181176	0.658255	-1.51917	0.721986	1.11097	1.11097	2.15428	2.96043	1.22152	1
cg00010168	MMS19;UBTD1	0.146695	0.775744	0.953666	-1.04859	0.065182	1.41042	1.41042	0.0545465	1.43661	1.43661	0.497933	0.891998	-1.12108	0.0315973	1.51992	1.51992	0.245276	0.817197	-1.22369	0.449123	1.13669	1.13669	0.693237	1.06807	1.06807	0.943446	0.988285	-1.01185	2.15427	0.941393	0.388434	1
cg19756947	TAF1A;TAF1A	0.146695	0.859843	1.03133	1.03133	0.164573	1.29545	1.29545	0.109753	1.35576	1.35576	0.904038	0.979165	-1.02128	0.68813	0.931984	-1.07298	0.252542	0.811686	-1.232	0.62979	1.08849	1.08849	0.0607593	1.44635	1.44635	0.0219181	1.61607	1.61607	2.15427	1.03978	0.42903	1
cg22667787	APTX;APTX	0.146696	0.308918	0.829043	-1.20621	0.65512	1.08333	1.08333	0.564896	1.10915	1.10915	0.495267	1.13121	1.13121	0.0279491	1.58784	1.58784	0.0246135	0.620924	-1.6105	0.678995	1.0769	1.0769	0.720577	1.06603	1.06603	0.623709	1.09203	1.09203	2.15427	1.08148	0.44624	1
cg14080434	LHX5	0.146698	0.108256	2.30123	2.30123	0.0312966	0.300681	-3.32579	0.314956	0.610021	-1.63929	0.235307	0.553416	-1.80696	0.233064	0.551694	-1.8126	0.325519	0.616998	-1.62075	0.103481	0.428687	-2.3327	0.163404	0.492854	-2.029	0.200646	0.525741	-1.90208	2.15425	7.71949	3.18522	1
cg11071960	TACC1	0.146699	0.492626	1.12141	1.12141	0.203944	1.24665	1.24665	0.646442	1.0789	1.0789	0.149221	0.775451	-1.28957	0.172308	1.26981	1.26981	0.0182831	0.624404	-1.60153	0.81817	1.03859	1.03859	0.816042	0.962407	-1.03906	0.287658	0.833997	-1.19904	2.15425	0.922473	0.380632	1
cg06851900	ATP1A1;ATP1A1;ATP1A1	0.146699	0.127445	0.663107	-1.50805	0.583866	0.87121	-1.14783	0.02147	1.99086	1.99086	0.564605	0.864902	-1.1562	0.402721	0.8078	-1.23793	0.989607	1.00325	1.00325	0.131875	0.666738	-1.49984	0.214301	1.38523	1.38523	0.48188	0.836803	-1.19503	2.15424	2.11956	0.874579	1
cg14553600	JAM2;JAM2	0.146705	0.0370739	1.69344	1.69344	0.728791	1.07868	1.07868	0.931194	0.981385	-1.01897	0.776214	0.939872	-1.06397	0.812644	1.05302	1.05302	0.264181	0.776281	-1.28819	0.160323	0.721538	-1.38593	0.0412539	1.66914	1.66914	0.195318	1.3472	1.3472	2.15421	1.61533	0.666533	1
cg15593697	DCAF15	0.146707	0.0756538	0.312334	-3.2017	0.234648	0.480412	-2.08155	0.976907	0.98311	-1.01718	0.393362	1.67286	1.67286	0.0168941	0.179951	-5.55705	0.590216	0.726195	-1.37704	0.749391	1.20757	1.20757	0.730442	0.815841	-1.22573	0.0548144	0.277561	-3.60281	2.15419	11.8156	4.87548	1
cg26729197	SSTR2;SSTR2	0.146707	0.161206	2.17381	2.17381	0.937983	0.960425	-1.04121	0.77154	1.16309	1.16309	0.208074	1.99124	1.99124	0.0624644	2.96851	2.96851	0.0416626	3.38245	3.38245	0.085118	0.372376	-2.68546	0.770197	0.858988	-1.16416	0.382579	1.59148	1.59148	2.15419	9.18708	3.79089	1
cg20541120	LOC100271832;LOC285045;LOC285045	0.14671	0.346565	2.12874	2.12874	0.870832	1.13524	1.13524	0.788474	1.23319	1.23319	0.259621	2.50084	2.50084	0.171557	3.10979	3.10979	0.16542	3.16826	3.16826	0.0154091	10.1487	10.1487	0.06251	5.12435	5.12435	0.0377676	6.54036	6.54036	2.15417	20.7282	8.55323	1
cg15375586	TBX22;TBX22;TBX22	0.146717	0.11211	0.348893	-2.86621	0.0113345	0.145166	-6.88866	0.25955	0.488754	-2.04602	0.989112	0.991729	-1.00834	0.198552	0.437358	-2.28646	0.0712634	0.293377	-3.40858	0.727456	0.808186	-1.23734	0.558736	1.4332	1.4332	0.805681	1.16186	1.16186	2.15412	12.6394	5.2156	1
cg15233292	YWHAH;C22orf24	0.146724	0.108537	0.211482	-4.72854	0.0670979	6.18046	6.18046	0.166074	3.70894	3.70894	0.913874	1.10078	1.10078	?	?	?	0.738851	0.743091	-1.34573	0.156141	0.26015	-3.84393	0.128279	0.232439	-4.3022	0.533228	0.571158	-1.75083	2.17165	24.0813	11.0889	1
cg20480041	FCHO2;FCHO2	0.146726	0.702895	1.05101	1.05101	0.307606	0.871864	-1.14697	0.0570101	0.756076	-1.32262	0.763269	0.96154	-1.04	0.189134	1.19795	1.19795	0.111038	0.798191	-1.25283	0.112848	0.799256	-1.25116	0.0374104	0.73082	-1.36833	0.5052	0.915957	-1.09175	2.15406	0.575103	0.23732	1
cg04100227	TLE3;TLE3;TLE3	0.146727	0.0770337	0.479806	-2.08418	0.241677	0.632709	-1.58051	0.164064	0.574294	-1.74127	0.694989	1.15857	1.15857	0.0326995	0.393203	-2.54321	0.403857	0.726839	-1.37582	0.754812	0.889572	-1.12414	0.0872112	2.02457	2.02457	0.433789	0.742059	-1.3476	2.15405	4.75954	1.96407	1
cg19842683	SFXN3	0.146728	0.998911	0.999791	-1.00021	0.0204642	1.53453	1.53453	0.839551	0.969395	-1.03157	0.95069	0.990562	-1.00953	0.508222	0.902205	-1.1084	0.456774	1.12322	1.12322	0.047732	1.41498	1.41498	0.250044	1.20238	1.20238	0.17004	0.799256	-1.25116	2.15405	0.802035	0.330968	1
cg22999525	TP53I3;TP53I3	0.14673	0.445218	1.4552	1.4552	0.0326983	3.33573	3.33573	0.385181	0.651044	-1.53599	0.269733	1.74025	1.74025	0.175081	0.498968	-2.00414	0.894187	1.06625	1.06625	0.0915342	0.408327	-2.44902	0.178684	1.9912	1.9912	0.954532	0.972888	-1.02787	2.15403	7.9276	3.27143	1
cg22400166	C14orf23;C14orf23	0.14673	0.78895	0.809861	-1.23478	0.31657	2.2567	2.2567	0.428637	1.88738	1.88738	0.100987	0.243681	-4.10373	0.416282	0.520441	-1.92145	0.672258	0.715703	-1.39723	0.0147288	0.0944485	-10.5878	0.348881	2.13416	2.13416	0.194745	0.340206	-2.93939	2.15403	21.08	8.69894	1
cg08549536	SEL1L3	0.146733	0.625574	1.23588	1.23588	0.438041	1.40588	1.40588	0.646521	0.819666	-1.22001	0.039129	2.7958	2.7958	0.210062	0.566176	-1.76624	0.116311	2.08539	2.08539	0.100826	2.16833	2.16833	0.0488615	2.63453	2.63453	0.449143	1.39396	1.39396	2.15401	6.3271	2.61098	1
cg11552363	TRAPPC9;TRAPPC9	0.146733	0.0941722	1.60558	1.60558	0.674249	0.896933	-1.11491	0.161727	0.680811	-1.46884	0.643006	1.12761	1.12761	0.586641	1.15172	1.15172	0.300241	1.31812	1.31812	0.0113825	2.25943	2.25943	0.299464	1.31875	1.31875	0.852363	1.0491	1.0491	2.15401	2.25856	0.932033	1
cg00378144	LYPD6B	0.146735	0.882299	1.0201	1.0201	0.33399	1.14325	1.14325	0.0983114	1.27581	1.27581	0.408217	1.12036	1.12036	0.330087	0.873694	-1.14456	0.0077125	1.58389	1.58389	0.602499	1.07314	1.07314	0.586754	1.07652	1.07652	0.147101	1.23248	1.23248	2.15399	0.615737	0.254096	1
ch.14.1452150F	CCDC88C	0.146736	0.0482289	0.291941	-3.42535	?	?	?	0.0120733	0.181418	-5.51214	0.679454	0.797227	-1.25435	0.301418	0.557695	-1.7931	0.395194	1.60789	1.60789	0.338654	0.583963	-1.71244	0.645385	0.776685	-1.28752	0.683176	0.799474	-1.25082	2.17157	9.09361	4.18757	1
cg10740902	KDR;KDR	0.146737	0.823477	1.12731	1.12731	0.277748	1.83195	1.83195	0.414966	0.639602	-1.56347	0.124622	2.43927	2.43927	0.551321	1.38165	1.38165	0.00918487	0.169635	-5.895	0.890803	0.928976	-1.07645	0.770513	1.16985	1.16985	0.657804	1.27009	1.27009	2.15398	9.81316	4.04962	1
cg23251122	RASD2	0.146738	0.710188	0.922856	-1.08359	0.0152909	0.527035	-1.89741	0.709579	0.922692	-1.08379	0.198165	0.746389	-1.33978	0.635465	0.902391	-1.10817	0.248567	1.29617	1.29617	0.69544	1.0883	1.0883	0.0785571	0.656892	-1.52232	0.112518	0.68964	-1.45003	2.15398	1.57807	0.651227	1
cg23011419	AXIN2	0.146738	0.117792	0.755188	-1.32417	0.225721	1.23406	1.23406	0.869577	1.02754	1.02754	0.7416	0.946769	-1.05622	0.987518	0.997417	-1.00259	0.905021	1.01993	1.01993	0.00883811	1.73499	1.73499	0.303213	1.19279	1.19279	0.394997	1.1549	1.1549	2.15397	0.932268	0.384723	1
cg11792616	DCTN6	0.146744	0.32044	0.775129	-1.29011	0.863163	1.04373	1.04373	0.293132	0.762925	-1.31074	0.711086	0.911819	-1.09671	0.0114704	0.456215	-2.19195	0.918134	0.974813	-1.02584	0.0774608	0.614479	-1.62739	0.334301	1.28027	1.28027	0.363507	1.26076	1.26076	2.15393	2.10019	0.866708	1
cg15347788	ZNF516	0.146746	0.224546	0.272941	-3.66379	0.359888	2.60675	2.60675	0.954333	1.06002	1.06002	0.994573	0.993101	-1.00695	0.024563	0.0655035	-15.2664	0.413374	0.42693	-2.3423	0.017694	0.0530588	-18.847	0.81588	1.26795	1.26795	0.518064	0.513278	-1.94826	2.15392	35.3396	14.5841	1
cg25533774	SOSTDC1;SOSTDC1	0.146746	0.0344098	0.220336	-4.53853	0.424537	0.606538	-1.6487	0.804904	0.859227	-1.16384	0.310996	0.525908	-1.90147	0.108094	0.341374	-2.92934	0.199661	0.435749	-2.2949	0.0157952	0.16317	-6.12857	0.0645343	0.279983	-3.57164	0.368723	0.567798	-1.76119	2.15392	12.8214	5.29118	1
cg01145396	CHRNG	0.146748	0.215494	0.586625	-1.70467	0.447769	0.728663	-1.37238	0.00940231	0.260004	-3.84609	0.232163	0.598904	-1.66972	0.1289	0.511007	-1.95692	0.287438	0.636426	-1.57127	0.0291752	0.349396	-2.86208	0.326616	0.660772	-1.51338	0.42034	0.714029	-1.4005	2.15391	5.71012	2.35649	1
cg04627240	GSK3A	0.146748	0.892691	1.01799	1.01799	0.0278364	1.40976	1.40976	0.024888	1.42289	1.42289	0.837636	1.02748	1.02748	0.262213	1.16701	1.16701	0.414928	0.895753	-1.11638	0.227633	0.845936	-1.18212	0.550692	1.08302	1.08302	0.946741	1.00886	1.00886	2.1539	0.595356	0.245696	1
cg02741440	PLCXD3	0.146748	0.522392	2.00235	2.00235	0.182374	0.219664	-4.5524	0.254444	3.57655	3.57655	0.361352	2.73159	2.73159	0.0342462	0.0709677	-14.0909	0.208633	0.241826	-4.13521	0.124363	5.94155	5.94155	0.323894	2.97762	2.97762	0.938168	0.92027	-1.08664	2.1539	39.1258	16.1467	1
cg08176694	PITPNM2	0.14675	0.229493	0.62153	-1.60893	0.268179	0.647269	-1.54495	0.0198538	0.346259	-2.88801	0.135935	0.545508	-1.83315	0.0451986	0.420372	-2.37885	0.782171	0.900743	-1.1102	0.986206	0.993501	-1.00654	0.830538	1.08419	1.08419	0.0536901	0.437667	-2.28484	2.15389	4.8525	2.00258	1
cg05019423	KIAA0284;KIAA0284	0.146752	0.0894891	0.585409	-1.70821	0.0185782	0.442099	-2.26194	0.0585598	0.542735	-1.84252	0.402364	0.782626	-1.27775	0.203721	0.681368	-1.46764	0.377918	0.772028	-1.29529	0.0382454	0.503178	-1.98737	0.349215	0.759117	-1.31732	0.144619	0.63883	-1.56536	2.15388	2.79007	1.15144	1
cg05461140	SSBP3;SSBP3;SSBP3	0.146753	0.638427	0.812877	-1.2302	0.0737517	2.39295	2.39295	0.0357474	2.91424	2.91424	0.728924	1.1645	1.1645	0.100314	0.454721	-2.19915	0.302058	1.5968	1.5968	0.556278	1.29757	1.29757	0.243764	1.70549	1.70549	0.342188	0.651557	-1.53478	2.15387	6.53618	2.69745	1
cg18875716	ZNF43	0.146754	0.161666	0.626934	-1.59506	0.0938786	0.562403	-1.77808	0.0553019	0.507256	-1.97139	0.247696	0.685514	-1.45876	0.0329285	0.458677	-2.18018	0.762472	1.09933	1.09933	0.325562	0.728226	-1.3732	0.316258	1.38225	1.38225	0.688356	1.13424	1.13424	2.15386	3.32972	1.37416	1
cg24699097	RAB11FIP4	0.146758	0.216741	0.769654	-1.29929	0.161895	1.35101	1.35101	0.0760514	1.48833	1.48833	0.302736	0.806508	-1.23991	0.702774	1.08029	1.08029	0.894644	0.973664	-1.02705	0.0279679	1.68715	1.68715	0.335048	1.22171	1.22171	0.214744	1.30092	1.30092	2.15383	1.38409	0.571217	1
cg02836046	SIM2	0.146759	0.11036	0.465267	-2.14931	0.704938	1.1821	1.1821	0.0520811	0.378429	-2.6425	0.0764104	0.420284	-2.37934	0.0242265	0.306842	-3.259	0.240265	0.582351	-1.71718	0.442259	0.70855	-1.41133	0.529185	0.755533	-1.32357	0.499572	1.35173	1.35173	2.15383	6.59642	2.72235	1
cg13790199	MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.146762	0.526728	0.917399	-1.09004	0.838446	1.02782	1.02782	0.110909	0.791793	-1.26296	0.580146	1.078	1.078	0.0119302	0.655915	-1.52459	0.370185	1.13167	1.13167	0.945936	0.990926	-1.00916	0.0924653	0.779662	-1.28261	0.737778	1.0462	1.0462	2.15381	0.616309	0.254354	1
cg22928599	PNMAL2	0.146763	0.362383	0.785703	-1.27275	0.311177	0.763431	-1.30988	0.122661	1.53867	1.53867	0.168894	1.45881	1.45881	0.0985639	0.627091	-1.59466	0.348202	0.779728	-1.2825	0.0560449	0.572622	-1.74635	0.188973	0.698713	-1.4312	0.866847	1.04418	1.04418	2.1538	2.26384	0.934302	1
cg21094022	LOC400931	0.146765	0.797797	0.943977	-1.05935	0.0188522	1.89427	1.89427	0.244809	1.31418	1.31418	0.672372	1.10023	1.10023	0.18565	0.729669	-1.37049	0.986826	1.00371	1.00371	0.196194	0.735716	-1.35922	0.173668	1.38412	1.38412	0.2264	1.33008	1.33008	2.15379	1.72022	0.709951	1
cg24420395	DUSP4;DUSP4	0.146767	0.527706	0.884021	-1.1312	0.701371	1.07706	1.07706	0.737185	0.93717	-1.06704	0.22661	0.783019	-1.27711	0.819257	0.956861	-1.04508	0.889121	1.02724	1.02724	0.14623	0.740442	-1.35054	0.856235	0.965663	-1.03556	0.00796322	1.92597	1.92597	2.15377	1.26621	0.522579	1
cg13323902	VTRNA1-1	0.146767	0.21793	1.75792	1.75792	0.0439372	0.365029	-2.73951	0.116825	0.476351	-2.09929	0.419603	0.698416	-1.43181	0.0661847	0.407798	-2.45219	0.0478725	0.373591	-2.67672	0.479382	0.73127	-1.36748	0.887914	0.940462	-1.06331	0.925321	1.04165	1.04165	2.15377	6.46248	2.66715	1
cg20149362	VAMP3	0.146772	0.419284	1.23721	1.23721	0.48537	0.832879	-1.20066	0.151482	0.672727	-1.48649	0.198769	1.41946	1.41946	0.0962925	1.60166	1.60166	0.126884	1.53093	1.53093	0.0247118	1.99325	1.99325	0.858566	1.04708	1.04708	0.532814	1.17698	1.17698	2.15374	2.26944	0.936642	1
cg21206770	PPIE;PPIE;PPIE	0.146776	0.0742307	0.46987	-2.12825	0.0415916	0.409819	-2.4401	0.0151836	0.322261	-3.10308	0.437925	0.740503	-1.35043	0.211899	0.606957	-1.64756	0.526001	0.783512	-1.2763	0.0701308	0.46359	-2.15708	0.21279	0.60761	-1.64579	0.444383	0.743755	-1.34453	2.15371	4.91739	2.02952	1
cg10327399	TNRC18	0.146776	0.546587	1.31409	1.31409	0.020349	3.49712	3.49712	0.0382437	2.93046	2.93046	0.139791	2.03665	2.03665	0.247031	0.581647	-1.71926	0.365675	1.51604	1.51604	0.857972	0.922936	-1.0835	0.339613	1.55368	1.55368	0.949007	0.971773	-1.02905	2.15371	6.83661	2.82163	1
cg25272125	PUM1;PUM1	0.146776	0.00997884	1.39706	1.39706	0.707035	0.961941	-1.03956	0.0635671	1.23908	1.23908	0.197834	1.15014	1.15014	0.528166	0.93643	-1.06789	0.288013	1.12004	1.12004	0.79511	0.97361	-1.02711	0.872631	1.01663	1.01663	0.324363	1.11026	1.11026	2.15371	0.360256	0.148687	1
cg08221811	HAR1A;HAR1B	0.146781	0.995998	0.999447	-1.00055	0.498934	1.07864	1.07864	0.0384721	1.3027	1.3027	0.129002	0.834507	-1.19831	0.261032	0.878735	-1.138	0.841038	0.978097	-1.02239	0.45579	1.08738	1.08738	0.0602377	0.791579	-1.2633	0.332879	1.11646	1.11646	2.15368	0.414842	0.171218	1
cg12377368	SAAL1	0.146781	0.0512489	0.17659	-5.66283	0.490161	0.578374	-1.72899	0.749947	0.77898	-1.28373	0.263263	0.402116	-2.48684	0.155503	0.305078	-3.27785	0.241789	0.384029	-2.60397	0.0202519	0.112281	-8.90621	0.0385396	0.153785	-6.50258	0.100778	0.245599	-4.07168	2.15368	20.8126	8.59003	1
cg11325578	GPR143	0.146785	0.261256	2.32373	2.32373	0.989026	1.00995	1.00995	0.898193	0.911995	-1.0965	0.396973	0.535682	-1.86678	0.967532	1.02973	1.02973	0.132973	3.21107	3.21107	0.0130472	9.17418	9.17418	0.0596504	4.61646	4.61646	0.260306	2.32797	2.32797	2.15365	17.6661	7.29147	1
cg07411238	B4GALNT1	0.146786	0.82772	1.1001	1.1001	0.0231754	3.28126	3.28126	0.0423961	2.78212	2.78212	0.569265	0.777408	-1.28633	0.363597	1.50488	1.50488	0.170392	1.89481	1.89481	0.0818055	2.3261	2.3261	0.369079	1.49752	1.49752	0.528096	0.755928	-1.32288	2.15364	6.53576	2.69755	1
cg20138680	FMOD	0.146787	0.518978	1.21412	1.21412	0.245505	0.69735	-1.434	0.765782	0.915161	-1.0927	0.146665	0.629838	-1.58771	0.105632	1.68975	1.68975	0.0395356	0.493343	-2.02699	0.240664	1.43984	1.43984	?	?	?	0.758123	1.096	1.096	2.1712	2.69182	1.23978	1
cg19251352	RFC4;RFC4;RFC4	0.14679	0.0496874	1.75383	1.75383	0.503175	0.843255	-1.18588	0.0423977	1.79772	1.79772	0.848337	0.953095	-1.04921	0.977214	1.00719	1.00719	0.484978	0.836895	-1.19489	0.0287626	1.91009	1.91009	0.611498	1.13716	1.13716	0.925395	0.976773	-1.02378	2.15362	2.1475	0.886366	1
cg19600472	HCG4P6	0.146791	0.23113	0.511459	-1.95519	0.228502	1.96335	1.96335	0.168387	0.4568	-2.18914	0.152247	0.44104	-2.26737	0.0353995	0.270469	-3.69728	0.237466	0.516536	-1.93597	0.075557	0.34786	-2.87472	0.401802	0.632517	-1.58099	0.0777716	0.351227	-2.84716	2.15361	9.71868	4.01133	1
cg00666849	C2orf68	0.146792	0.810476	0.96128	-1.04028	0.216985	1.23802	1.23802	0.0538375	1.43308	1.43308	0.365071	0.858153	-1.16529	0.514395	1.1148	1.1148	0.594028	0.915368	-1.09246	0.026335	0.648565	-1.54187	0.65057	0.927786	-1.07783	0.306846	1.18992	1.18992	2.1536	0.921511	0.38035	1
cg13434278	CSNK1G2	0.146795	0.643884	1.05694	1.05694	0.805816	1.02974	1.02974	0.703213	1.04659	1.04659	0.605443	1.06396	1.06396	0.425107	1.10175	1.10175	0.209169	1.17057	1.17057	0.00678251	0.658739	-1.51805	0.981601	0.99726	-1.00275	0.320994	1.12974	1.12974	2.15358	0.482767	0.199262	1
cg24811864	ST8SIA3	0.146797	0.187608	1.27213	1.27213	0.033683	1.5335	1.5335	0.839118	1.03566	1.03566	0.0324665	1.53957	1.53957	0.141099	1.31366	1.31366	0.873836	1.02777	1.02777	0.442092	1.14464	1.14464	0.227283	0.803748	-1.24417	0.185288	1.27395	1.27395	2.15357	1.01326	0.418224	1
cg17858618	ZNF230;ZNF230	0.146801	0.711267	1.0955	1.0955	0.204522	0.720034	-1.38882	0.713557	1.09467	1.09467	0.0329811	1.84369	1.84369	0.577229	1.14815	1.14815	0.136336	1.48251	1.48251	0.0552191	0.58673	-1.70436	0.648746	1.11908	1.11908	0.363141	1.2577	1.2577	2.15354	2.05272	0.847277	1
cg13800812	RGS17	0.146802	0.886643	1.02308	1.02308	0.0389558	1.46578	1.46578	0.0196724	1.56959	1.56959	0.557243	1.09963	1.09963	0.548349	1.10205	1.10205	0.527214	1.10793	1.10793	0.0952688	0.745842	-1.34077	0.642502	1.07766	1.07766	0.761635	1.04988	1.04988	2.15353	0.87301	0.360343	1
cg01540953	ODZ2	0.146803	0.416309	0.749076	-1.33498	0.864617	0.942379	-1.06114	0.167858	0.599787	-1.66726	0.777686	1.10345	1.10345	0.616433	1.19201	1.19201	0.501747	1.26757	1.26757	0.00541944	0.280055	-3.57072	0.655879	1.1688	1.1688	0.518935	0.796606	-1.25533	2.15352	4.12506	1.70266	1
cg20435238	MYT1L	0.146803	0.0834105	0.235046	-4.25449	0.261346	2.42313	2.42313	0.512578	1.65169	1.65169	0.908581	0.916866	-1.09067	0.142053	0.303411	-3.29586	0.541822	0.627121	-1.59459	0.0268388	0.13787	-7.2532	0.0927781	0.247214	-4.04508	0.280072	0.428093	-2.33594	2.15352	19.4719	8.03722	1
cg07162198	SLC2A10	0.146804	0.0141948	0.197559	-5.06179	0.999074	1.00062	1.00062	0.104997	0.386913	-2.58456	0.0809333	0.354408	-2.82161	0.463935	0.670615	-1.49117	0.253324	0.527572	-1.89548	0.11712	0.401565	-2.49026	0.0651156	0.329549	-3.03445	0.220749	0.50156	-1.99378	2.15351	9.79909	4.04469	1
cg01554060	TMED7-TICAM2;TICAM2;TICAM2;TMED7-TICAM2	0.146805	0.251626	0.79264	-1.26161	0.0184086	0.574132	-1.74176	0.144466	0.737743	-1.35549	0.923209	1.01888	1.01888	0.107228	0.710953	-1.40656	0.774953	1.05719	1.05719	0.0279137	0.604074	-1.65543	0.394789	0.844415	-1.18425	0.736361	0.936538	-1.06776	2.15351	1.28405	0.530006	1
cg19865002	RNF144B	0.146806	0.459164	0.662349	-1.50978	0.311002	0.563869	-1.77346	0.484295	0.678081	-1.47475	0.843575	1.11403	1.11403	0.00794187	0.155613	-6.42618	0.670687	0.791536	-1.26337	0.0563155	0.306889	-3.25851	0.891971	0.92842	-1.0771	0.0829766	0.350205	-2.85547	2.1535	10.1894	4.20583	1
cg07856071	FBXL7	0.146806	0.942242	0.977341	-1.02318	0.600082	0.845915	-1.18215	0.487341	1.25008	1.25008	0.516942	1.23102	1.23102	0.0545581	0.501652	-1.99341	0.877309	1.05008	1.05008	0.00993371	2.8013	2.8013	0.972861	1.01082	1.01082	0.96018	0.984331	-1.01592	2.1535	3.41255	1.40858	1
cg06815715	SHC4	0.146809	0.0474939	0.355867	-2.81004	0.47709	1.39024	1.39024	0.972365	0.984336	-1.01591	0.202025	0.541208	-1.84772	0.0216011	0.284414	-3.516	0.0604285	0.380978	-2.62483	0.219961	0.555534	-1.80007	0.892122	0.940031	-1.06379	0.365578	0.65463	-1.52758	2.15348	7.08441	2.92422	1
cg10129944	PHACTR1	0.146814	0.103008	0.534807	-1.86983	0.701927	0.873776	-1.14446	0.243258	1.53486	1.53486	0.944357	1.02479	1.02479	0.0922314	0.521893	-1.9161	0.110324	0.543022	-1.84155	0.0347063	0.421531	-2.37231	0.0916505	0.521166	-1.91877	0.887059	0.951358	-1.05113	2.15344	4.19915	1.73331	1
cg13927135	PRR12	0.146816	0.507873	1.19831	1.19831	0.0147199	0.445515	-2.24459	0.864425	1.0471	1.0471	0.417021	0.799818	-1.25028	0.169887	0.674543	-1.48248	0.0794703	0.592005	-1.68918	0.969386	1.01039	1.01039	0.210307	1.42691	1.42691	0.898126	0.966093	-1.0351	2.15343	2.47349	1.021	1
cg03225623	TRAPPC9;TRAPPC9	0.146818	0.643864	0.89475	-1.11763	0.863112	0.959614	-1.04209	0.235817	0.743206	-1.34552	0.819808	1.05602	1.05602	0.200353	0.723876	-1.38145	0.535526	1.16171	1.16171	0.0083317	0.446853	-2.23787	0.554695	1.15344	1.15344	0.248129	1.33432	1.33432	2.15342	1.9463	0.803392	1
cg27567335	RAMP1	0.146821	0.288615	0.818527	-1.22171	0.141775	1.33264	1.33264	0.756656	1.05813	1.05813	0.293279	0.820223	-1.21918	0.87212	1.02972	1.02972	0.0284194	1.6003	1.6003	0.0437384	1.52408	1.52408	0.718767	0.936379	-1.06794	0.415249	1.16343	1.16343	2.1534	1.12695	0.46519	1
cg02363653	RPTOR;RPTOR	0.146823	0.75338	1.2105	1.2105	0.0516538	0.261212	-3.82831	0.406647	0.597792	-1.67282	0.47766	0.6456	-1.54895	0.458058	1.58089	1.58089	0.823771	0.873553	-1.14475	0.0148341	6.15139	6.15139	0.457223	1.58229	1.58229	0.947542	1.04069	1.04069	2.15339	12.5286	5.17164	1
cg23521507	NID2	0.146823	0.205671	0.490267	-2.03971	0.00842053	0.165868	-6.02888	0.352549	0.600047	-1.66654	0.97118	0.980897	-1.01948	0.768986	0.854498	-1.17028	0.603937	0.756233	-1.32234	0.309519	0.570367	-1.75326	0.11624	2.4877	2.4877	0.73286	0.832836	-1.20072	2.15338	9.72145	4.0129	1
cg26523196	FAM138D	0.146824	0.928348	0.969484	-1.03148	0.482963	0.782174	-1.27849	0.0490161	0.460985	-2.16927	0.629044	0.845586	-1.18261	0.508702	1.25987	1.25987	0.105261	1.84019	1.84019	0.575454	0.822863	-1.21527	0.0473393	0.457565	-2.18548	0.193453	1.60665	1.60665	2.15338	4.04922	1.67147	1
cg13448625	COL17A1	0.146833	0.10889	0.578307	-1.72919	0.119977	0.589581	-1.69612	0.0248413	0.433197	-2.30842	0.859058	0.945849	-1.05725	0.0155383	0.39474	-2.53331	0.583233	0.840671	-1.18953	0.637837	0.861993	-1.1601	0.182213	0.641813	-1.55809	0.591842	0.844066	-1.18474	2.15331	3.34572	1.38112	1
cg26524256	DNAH2	0.146834	0.165608	0.703747	-1.42097	0.0573282	0.59998	-1.66672	0.251423	1.32936	1.32936	0.662204	0.900824	-1.1101	0.0500551	0.588088	-1.70042	0.664248	1.10934	1.10934	0.28964	1.29841	1.29841	0.45343	0.834054	-1.19896	0.110785	0.661775	-1.51109	2.15331	1.9252	0.794724	1
cg19234509	BCAS2;BCAS2	0.146834	0.106458	0.446472	-2.23978	0.131197	2.10744	2.10744	0.475679	1.39346	1.39346	0.924178	1.04451	1.04451	0.537697	0.751668	-1.33037	0.0778217	0.408002	-2.45097	0.0384103	0.333756	-2.9962	0.428221	1.44772	1.44772	0.833482	1.10109	1.10109	2.15331	7.13639	2.94591	1
cg11844927	TNFRSF1B	0.146834	0.473868	0.834598	-1.19818	0.00608229	0.411035	-2.43289	0.0395023	0.553704	-1.80602	0.595988	0.875624	-1.14204	0.605605	0.878715	-1.13802	0.696354	0.90724	-1.10224	0.949953	0.98454	-1.0157	0.387932	0.802796	-1.24565	0.185551	0.705778	-1.41688	2.15331	2.10128	0.867414	1
ch.8.975024F	GINS4	0.146836	0.298934	0.880911	-1.13519	0.0266718	0.733946	-1.3625	0.0599355	0.778816	-1.284	0.194422	0.850715	-1.17548	0.745298	0.962338	-1.03914	0.879114	0.982234	-1.01809	0.0781892	1.25919	1.25919	0.694759	0.954614	-1.04754	0.841186	0.976648	-1.02391	2.15329	0.473067	0.195284	1
cg01468426	MYST3;MYST3;MYST3	0.146842	0.0977317	0.451443	-2.21512	0.714512	0.851441	-1.17448	0.0519085	2.63323	2.63323	0.716668	0.852532	-1.17298	0.13218	0.491018	-2.03659	0.746216	0.867493	-1.15275	0.570544	1.28524	1.28524	0.298687	1.60245	1.60245	0.0706315	0.412976	-2.42145	2.15325	6.53487	2.69767	1
cg15758074	HRNBP3	0.146842	0.55579	0.683875	-1.46226	0.0151734	6.7007	6.7007	0.19707	2.38609	2.38609	0.986793	1.01061	1.01061	0.341971	0.53558	-1.86713	0.142493	0.365921	-2.73283	0.295394	0.500583	-1.99767	0.862794	0.895558	-1.11662	0.425583	0.595194	-1.68012	2.15325	13.8688	5.72522	1
cg23235460	LPP	0.146845	0.452033	0.927866	-1.07774	0.786061	0.973765	-1.02694	0.595569	0.949	-1.05374	0.0277836	0.775587	-1.28935	0.19447	0.874483	-1.14353	0.883434	0.985766	-1.01444	0.0791233	0.826557	-1.20984	0.3925	0.917962	-1.08937	0.0605602	1.2297	1.2297	2.15323	0.325624	0.134423	1
cg17789896	SF3B14	0.146852	0.52163	0.70053	-1.42749	0.109704	0.38462	-2.59997	0.311874	1.77406	1.77406	0.0130534	0.185004	-5.4053	?	?	?	?	?	?	0.366005	0.601147	-1.66349	0.830419	0.889122	-1.12471	0.497784	0.685805	-1.45814	2.19225	8.10833	4.227	1
cg19731401	GNA12	0.146853	0.109786	0.456886	-2.18873	0.132639	0.482338	-2.07323	0.173111	0.521328	-1.91818	0.278892	1.65845	1.65845	0.0418352	0.348524	-2.86924	0.355457	0.652387	-1.53283	0.096086	0.439915	-2.27317	0.0576297	0.38111	-2.62392	0.6878	0.834007	-1.19903	2.15318	6.88528	2.84243	1
cg16456906	NIP7;COG8	0.146856	0.0553155	1.89049	1.89049	0.766214	1.09135	1.09135	0.057128	0.53208	-1.87942	0.134902	1.604	1.604	0.321177	0.740469	-1.3505	0.650457	0.874826	-1.14308	0.48249	0.811189	-1.23276	0.213663	0.681221	-1.46795	0.278724	0.7188	-1.39121	2.15315	2.9307	1.20988	1
cg11991398	PTN	0.146859	0.177396	0.393421	-2.5418	0.0321875	0.195407	-5.11751	0.0855976	0.29039	-3.44365	0.42729	1.6946	1.6946	0.502212	0.641992	-1.55765	0.770554	0.826702	-1.20963	0.649239	0.742317	-1.34713	0.0716117	3.70287	3.70287	0.916739	1.07042	1.07042	2.15313	14.4411	5.9618	1
cg04642105	CTBP1;CTBP1	0.14686	0.669497	0.743561	-1.34488	0.051753	4.60715	4.60715	0.0662931	4.14292	4.14292	0.54973	1.5184	1.5184	0.428605	0.572545	-1.74659	0.922519	1.06944	1.06944	0.0586761	0.229055	-4.36576	0.264175	2.23257	2.23257	0.547424	0.656962	-1.52216	2.15312	16.2391	6.70412	1
cg22125912	PLD1;PLD1	0.146864	0.207048	0.713144	-1.40224	0.881859	0.962922	-1.03851	0.450927	0.822704	-1.2155	0.0273936	1.94065	1.94065	0.220183	1.38753	1.38753	0.273314	0.748522	-1.33597	0.0572076	1.7274	1.7274	0.719144	1.09609	1.09609	0.786693	1.07134	1.07134	2.1531	2.20126	0.908773	1
cg05374463	FBXO22;FBXO22	0.146865	0.090414	0.401329	-2.49172	0.133378	2.20834	2.20834	0.118591	0.436473	-2.29109	0.449615	1.45789	1.45789	0.568974	0.754516	-1.32535	0.945554	0.967133	-1.03398	0.0844138	0.392957	-2.54481	0.0763814	0.381111	-2.62391	0.220443	0.532384	-1.87834	2.15309	8.16482	3.37079	1
cg26863085	SLC44A2;SLC44A2	0.146865	0.132683	0.664146	-1.50569	0.555214	1.16245	1.16245	0.111643	1.54814	1.54814	0.992417	1.0024	1.0024	0.0119137	0.453096	-2.20704	0.888107	0.965111	-1.03615	0.327603	0.774986	-1.29035	0.894462	1.03405	1.03405	0.527193	0.850778	-1.1754	2.15309	2.16978	0.895781	1
cg08952306	SH2B2	0.146865	0.486795	1.39475	1.39475	0.918678	0.953048	-1.04927	0.368079	0.647039	-1.5455	0.5341	0.743401	-1.34517	0.39955	1.50095	1.50095	0.288122	1.68086	1.68086	0.0101331	4.60593	4.60593	0.0591091	2.72785	2.72785	0.745776	1.16554	1.16554	2.15309	7.56123	3.12161	1
cg10083593	CNIH2	0.146866	0.127481	0.884812	-1.13018	0.0271544	0.823503	-1.21432	0.0575943	0.852615	-1.17286	0.480734	1.05467	1.05467	0.105718	0.877019	-1.14023	0.572279	1.04328	1.04328	0.563459	0.957556	-1.04433	0.998468	0.999857	-1.00014	0.497626	1.05246	1.05246	2.15309	0.188031	0.0776275	1
cg14594111	DAB2IP	0.146869	0.259515	0.517918	-1.93081	0.315401	0.559534	-1.7872	0.322796	1.7705	1.7705	0.50455	0.684692	-1.46051	0.0546747	0.295485	-3.38427	0.19514	0.464652	-2.15215	0.0191318	0.204744	-4.88415	0.084861	0.344426	-2.90338	0.309393	0.555211	-1.80112	2.15306	10.6688	4.40462	1
cg06454464	TSNARE1	0.14687	0.840774	0.935607	-1.06882	0.768861	1.10242	1.10242	0.403011	0.753389	-1.32733	0.217862	1.5356	1.5356	0.00838634	0.328137	-3.04751	0.256766	0.675934	-1.47943	0.13288	0.584778	-1.71005	0.4603	0.779783	-1.28241	0.356713	0.730769	-1.36842	2.15306	3.73348	1.54137	1
cg26510017	CPNE8	0.146874	0.153308	3.71019	3.71019	0.666098	1.45098	1.45098	0.346655	2.29549	2.29549	0.168351	3.52076	3.52076	0.49646	0.55319	-1.8077	0.36737	2.21214	2.21214	0.794064	0.799068	-1.25146	0.00597668	21.7858	21.7858	0.377359	2.17424	2.17424	2.15303	25.0697	10.3501	1
cg25451874	ZNF569	0.146875	0.380173	0.879187	-1.13741	0.544337	1.09173	1.09173	0.692147	0.944668	-1.05857	0.117683	0.784249	-1.27511	0.948282	1.00932	1.00932	0.322154	1.15753	1.15753	0.361588	0.87447	-1.14355	0.0330664	0.70016	-1.42825	0.0255868	0.684295	-1.46136	2.15302	0.697597	0.288007	1
cg26667692	SPEG	0.146875	0.563882	1.12761	1.12761	0.00955561	0.508862	-1.96517	0.636781	0.906728	-1.10287	0.927228	0.981371	-1.01898	0.612243	1.11096	1.11096	0.565677	1.12697	1.12697	0.0642783	1.53412	1.53412	0.770862	1.06196	1.06196	0.841333	1.04212	1.04212	2.15302	1.44493	0.596548	1
cg23645476	GSTM3;GSTM3	0.146878	0.0326617	0.557026	-1.79525	0.732215	1.08372	1.08372	0.734051	1.0831	1.0831	0.164358	1.41524	1.41524	0.2747	1.30477	1.30477	0.255604	0.757443	-1.32023	0.267476	0.763072	-1.31049	0.0619568	0.611402	-1.63559	0.959138	0.988078	-1.01207	2.153	1.86838	0.771379	1
cg20998090	KIF27	0.14688	0.200044	1.29409	1.29409	0.60799	1.10355	1.10355	0.534841	1.12716	1.12716	0.834534	1.04064	1.04064	0.617206	0.908493	-1.10072	0.613116	1.10197	1.10197	0.0220785	0.592873	-1.6867	0.403368	1.17687	1.17687	0.0400314	1.57139	1.57139	2.15299	1.23676	0.510612	1
cg20841596	C1orf95	0.146883	0.32976	0.791052	-1.26414	0.606001	0.885809	-1.12891	0.135983	0.687687	-1.45415	0.0249691	0.537034	-1.86208	0.142279	1.44429	1.44429	0.130341	0.683338	-1.4634	0.808257	0.944915	-1.0583	0.0819429	0.63814	-1.56705	0.333289	0.792486	-1.26185	2.15297	1.85193	0.7646	1
cg06349174	STIM1;STIM1	0.146884	0.137208	0.534276	-1.87169	0.708966	0.863456	-1.15814	0.39176	1.40998	1.40998	0.386502	0.706381	-1.41567	0.191752	0.582089	-1.71795	0.94689	0.974252	-1.02643	0.00592639	0.244299	-4.09335	0.332558	0.676103	-1.47907	0.489955	0.759873	-1.31601	2.15296	5.22813	2.15853	1
cg04564646	MOV10;MOV10	0.146886	0.859299	0.943681	-1.05968	0.407746	1.3187	1.3187	0.667459	1.15166	1.15166	0.0475893	0.477022	-2.09634	0.826608	0.930838	-1.0743	0.00802365	0.329651	-3.03351	0.561844	0.825624	-1.21121	0.916718	1.03476	1.03476	0.773846	0.910172	-1.09869	2.15294	3.6391	1.50248	1
cg18240814	FBXL17	0.146896	0.216051	0.807863	-1.23783	0.84963	0.969374	-1.03159	0.0207346	1.57829	1.57829	0.798196	1.04288	1.04288	0.730679	1.05826	1.05826	0.462455	0.884632	-1.13041	0.156337	0.779968	-1.2821	0.0947802	0.740144	-1.35109	0.318273	0.844467	-1.18418	2.15288	0.915757	0.378102	1
cg26711230	ATF7IP	0.146899	0.0257471	0.572316	-1.74729	0.037368	0.601047	-1.66376	0.307276	0.800353	-1.24945	0.266129	0.783363	-1.27655	0.410483	1.19405	1.19405	0.162625	0.730448	-1.36902	0.129368	0.708015	-1.4124	0.638062	0.904981	-1.105	0.117518	0.698917	-1.43078	2.15285	1.51392	0.625082	1
cg02971124	SMEK2;SMEK2;SMEK2;SMEK2	0.146901	0.295803	0.859976	-1.16282	0.100783	1.28416	1.28416	0.0797077	1.31076	1.31076	0.412616	0.889979	-1.12362	0.707271	0.948862	-1.05389	0.155014	0.809156	-1.23586	0.195596	1.2098	1.2098	0.156761	1.2346	1.2346	0.200828	1.20683	1.20683	2.15284	0.660162	0.272575	1
cg05868142	ATP6V1F	0.146901	0.0372503	0.703795	-1.42087	0.102387	1.29651	1.29651	0.419497	0.88707	-1.12731	0.905836	1.01734	1.01734	0.398021	1.13396	1.13396	0.5922	0.924454	-1.08172	0.412279	1.12951	1.12951	0.840203	1.02976	1.02976	0.0472341	1.39074	1.39074	2.15284	0.71961	0.297121	1
cg04588969	TGM2;TGM2	0.146902	0.08315	0.765542	-1.30626	0.721557	1.0511	1.0511	0.869603	1.02315	1.02315	0.24364	1.18519	1.18519	0.178326	0.81941	-1.22039	0.45338	1.11224	1.11224	0.0363281	0.712537	-1.40344	0.263468	1.17628	1.17628	0.202253	0.829022	-1.20624	2.15283	0.661359	0.27307	1
cg12092579	RASAL2;RASAL2	0.146903	0.633022	1.13385	1.13385	0.357104	1.2806	1.2806	0.236804	0.723484	-1.3822	0.864007	0.956221	-1.04578	0.577467	0.863326	-1.15831	0.451406	1.22185	1.22185	0.0139247	2.21069	2.21069	0.132149	1.5286	1.5286	0.223589	0.716118	-1.39642	2.15283	2.3251	0.96002	1
cg15441973	HNMT;HNMT;HNMT	0.146903	0.689891	1.12303	1.12303	0.97507	1.00908	1.00908	0.267291	0.71582	-1.397	0.621522	1.15484	1.15484	0.228117	1.44191	1.44191	0.287304	1.37661	1.37661	0.017554	2.30726	2.30726	0.0617391	1.83802	1.83802	0.0873679	1.72631	1.72631	2.15282	2.85353	1.17821	1
cg21790657	PQLC1;PQLC1;PQLC1	0.146906	0.970126	1.02051	1.02051	0.0128787	5.33484	5.33484	0.0223975	4.40766	4.40766	0.742678	0.836425	-1.19556	0.529212	1.41284	1.41284	0.901474	0.935056	-1.06945	0.676685	1.25528	1.25528	0.490685	0.684164	-1.46164	0.989704	0.993029	-1.00702	2.15281	10.0223	4.13817	1
cg03464336	UBE3A	0.14691	0.345005	0.525203	-1.90403	0.47612	1.61412	1.61412	0.062233	4.09382	4.09382	0.294631	0.486543	-2.05532	0.0708559	0.258314	-3.87125	0.67502	1.32071	1.32071	?	?	?	0.116683	3.12074	3.12074	0.428071	1.7074	1.7074	2.28119	13.6578	5.23874	1
cg14468408	PBX3;PBX3;PBX3;PBX3	0.14691	0.182143	0.763067	-1.3105	0.422085	0.855048	-1.16952	0.485547	0.873433	-1.14491	0.322692	1.2154	1.2154	0.0192711	0.582417	-1.71698	0.488136	0.874156	-1.14396	0.0687966	1.47538	1.47538	0.779082	1.05517	1.05517	0.828462	0.95941	-1.04231	2.15278	1.24327	0.513351	1
cg20930489	ZBTB8B	0.146911	0.703868	0.924801	-1.08131	0.899156	0.97438	-1.02629	0.058517	0.645621	-1.5489	0.38806	0.834352	-1.19853	0.0184379	0.556975	-1.79541	0.0921471	0.6842	-1.46156	0.18207	1.33635	1.33635	0.961271	0.990109	-1.00999	0.823539	0.955309	-1.04678	2.15277	1.42881	0.589963	1
cg08792082	DNAJB6;DNAJB6	0.146912	0.898933	1.0144	1.0144	0.505679	1.07898	1.07898	0.0487501	1.28832	1.28832	0.0975446	1.22707	1.22707	0.690888	1.04602	1.04602	0.0344411	0.757569	-1.32001	0.813089	1.02702	1.02702	0.435389	1.09371	1.09371	0.167025	1.18035	1.18035	2.15276	0.431936	0.178349	1
cg13442256	TBC1D14;TBC1D14	0.146923	0.245978	1.29155	1.29155	0.0975412	1.46718	1.46718	0.16163	1.37047	1.37047	0.852679	0.961561	-1.03998	0.0155367	1.86968	1.86968	0.0318403	1.69968	1.69968	0.63033	1.10766	1.10766	0.882474	0.96929	-1.03168	0.478724	1.16398	1.16398	2.15269	1.51582	0.625911	1
cg06333435	POLR3D;MIR320A	0.146924	0.0371166	0.683559	-1.46293	0.158344	0.788945	-1.26752	0.963862	0.992903	-1.00715	0.959371	1.00804	1.00804	0.140385	0.779323	-1.28317	0.708863	0.942744	-1.06073	0.0183966	0.637868	-1.56772	0.624437	1.08065	1.08065	0.137972	0.777955	-1.28542	2.15268	0.842486	0.347881	1
cg11837136	GABBR1;GABBR1;GABBR1	0.146927	0.0320315	0.156052	-6.40811	0.0488589	0.189487	-5.27742	0.492846	0.597471	-1.67372	0.541341	1.57971	1.57971	0.0364524	0.165626	-6.03769	0.74389	0.784717	-1.27434	0.141446	0.310575	-3.21984	0.832497	1.16956	1.16956	0.289042	0.443142	-2.25661	2.15266	18.6445	7.69877	1
cg09738410	TRPM5	0.146929	0.443604	0.692174	-1.44472	0.589841	1.2922	1.2922	0.315855	1.62983	1.62983	0.651162	1.23912	1.23912	0.133878	0.466968	-2.14147	0.295303	0.599764	-1.66732	0.0160055	0.249333	-4.0107	0.10109	0.429242	-2.32969	0.607488	1.2764	1.2764	2.15265	7.56424	3.12349	1
cg23076299	PCDH21	0.146929	0.554895	1.09716	1.09716	0.415233	1.13803	1.13803	0.379777	1.15015	1.15015	0.798907	1.04043	1.04043	0.271294	1.19461	1.19461	0.346375	1.16248	1.16248	0.00905913	0.597506	-1.67362	0.729613	0.947553	-1.05535	0.315113	0.851054	-1.17501	2.15264	0.821877	0.339377	1
cg07048519	CDRT1;CDRT1	0.14693	0.979389	0.986138	-1.01406	0.626114	0.766728	-1.30424	0.0159694	5.18986	5.18986	0.366856	1.65364	1.65364	0.492225	0.685371	-1.45906	0.0773481	0.340028	-2.94094	0.794039	1.15191	1.15191	0.706162	0.814805	-1.22729	0.182295	2.16395	2.16395	2.26462	10.2518	3.52096	1
cg10887937	ALDH2	0.146941	0.978441	1.00485	1.00485	0.848456	0.96636	-1.03481	0.182354	1.28809	1.28809	0.152012	1.31587	1.31587	0.353479	1.18621	1.18621	0.00564384	1.91499	1.91499	0.126722	1.34377	1.34377	0.802174	1.04593	1.04593	0.881406	1.02706	1.02706	2.15256	1.09077	0.450427	1
cg12115748	RIMBP2	0.146942	0.285786	0.574005	-1.74214	0.330822	1.65277	1.65277	0.23941	1.85318	1.85318	0.670515	0.807111	-1.23899	0.264113	0.558292	-1.79118	0.40094	0.650177	-1.53804	0.00845683	0.18571	-5.38475	0.37331	0.632771	-1.58035	0.572675	0.751685	-1.33034	2.15256	8.54825	3.52996	1
cg04303509	ZNF792	0.146943	0.590976	0.804321	-1.24328	0.0928858	0.476124	-2.10029	0.154304	0.542243	-1.84419	0.266865	0.628574	-1.5909	0.776345	0.891973	-1.12111	0.471897	1.34139	1.34139	0.0283738	0.35395	-2.82526	0.89468	0.948226	-1.0546	0.0237982	0.338635	-2.95303	2.15255	5.49221	2.26799	1
cg18265118	MAD1L1;MAD1L1;MAD1L1	0.146944	0.161117	2.17556	2.17556	0.609193	0.76508	-1.30705	0.38491	0.629617	-1.58827	0.494322	1.43395	1.43395	0.610255	0.765698	-1.306	0.360923	1.62866	1.62866	0.0463858	3.27048	3.27048	0.0167904	4.55197	4.55197	0.449798	1.49174	1.49174	2.15254	9.19471	3.79694	1
cg02232704	MYO3A	0.146946	0.0344884	16.1578	16.1578	0.860202	1.22008	1.22008	0.428459	2.48967	2.48967	0.210101	0.225303	-4.43847	0.0675767	10.0814	10.0814	0.217881	0.231632	-4.3172	0.412787	0.388912	-2.57128	0.200517	4.59829	4.59829	0.84687	0.804001	-1.24378	2.15253	43.4056	17.9244	1
cg03519931	WNT4	0.146946	0.238769	0.536835	-1.86277	0.109261	2.41199	2.41199	0.256176	1.81771	1.81771	0.758864	0.856211	-1.16794	0.0269551	0.266924	-3.74639	0.604365	0.768331	-1.30152	0.0824806	0.379186	-2.63723	0.718144	0.832979	-1.20051	0.432353	0.667646	-1.4978	2.15253	8.66581	3.57856	1
cg04285064	ZW10	0.14695	0.741719	0.95827	-1.04355	0.0544611	0.754861	-1.32475	0.103836	0.795149	-1.25763	0.490435	1.09448	1.09448	0.782536	1.0363	1.0363	0.32153	0.876345	-1.1411	0.139814	0.814843	-1.22723	0.189136	1.19637	1.19637	0.126541	1.23741	1.23741	2.1525	0.566276	0.233848	1
cg09578353	APITD1;APITD1;APITD1;APITD1;APITD1	0.146954	0.168553	0.527325	-1.89636	0.45647	0.718353	-1.39207	0.64642	1.2232	1.2232	0.945433	1.03031	1.03031	0.0604831	0.397206	-2.51759	0.218688	0.568769	-1.75818	0.0135586	0.263817	-3.79051	0.107716	0.465039	-2.15036	0.183327	0.540218	-1.8511	2.15247	6.48556	2.67829	1
cg26821327	RAG2;C11orf74	0.146956	0.565317	1.13934	1.13934	0.270109	0.772801	-1.29399	0.0171286	1.91964	1.91964	0.513556	0.861826	-1.16033	0.449674	0.841225	-1.18874	0.93433	1.01867	1.01867	0.169451	1.3889	1.3889	0.406194	1.21012	1.21012	0.0751461	1.56011	1.56011	2.15246	1.71728	0.709175	1
cg16737869	MPP1;MPP1;MPP1;MPP1	0.146956	0.400929	1.61678	1.61678	0.751366	1.19437	1.19437	0.486836	0.673821	-1.48407	0.984361	0.989107	-1.01101	0.157971	0.430184	-2.32459	0.735985	0.827699	-1.20817	0.0264922	4.34898	4.34898	0.0567339	3.3371	3.3371	0.145907	2.39259	2.39259	2.15246	10.6448	4.39593	1
cg00433050	WFS1;WFS1	0.146958	0.622716	0.888732	-1.1252	0.00917785	0.45524	-2.19665	0.128156	0.676238	-1.47877	0.529734	0.85948	-1.16349	0.0863643	0.637216	-1.56933	0.922334	0.977071	-1.02347	0.5089	1.1728	1.1728	0.677841	1.10447	1.10447	0.219987	0.735818	-1.35903	2.15245	1.92878	0.796523	1
cg06955998	KLC1;KLC1;KLC1	0.146961	0.190237	0.52563	-1.90248	0.238671	1.7721	1.7721	0.568828	0.765681	-1.30603	0.218878	0.549073	-1.82125	0.397333	0.669109	-1.49452	0.0630208	0.379248	-2.6368	0.04617	0.346742	-2.88399	0.958046	0.975905	-1.02469	0.0372564	0.325965	-3.06782	2.15242	7.32754	3.02606	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07328579	GLT8D2;GLT8D2	0.146967	0.167591	3.04136	3.04136	0.240314	2.53366	2.53366	0.469609	1.74423	1.74423	0.440963	1.81162	1.81162	0.344834	0.479135	-2.08709	0.271029	0.420397	-2.37871	0.090061	0.243469	-4.10729	0.0420156	5.88171	5.88171	0.328122	2.14535	2.14535	2.15238	19.4932	8.05029	1
cg17340548	GIPR	0.146969	0.470602	0.89868	-1.11274	0.560881	1.08935	1.08935	0.509454	0.907194	-1.1023	0.975022	0.995454	-1.00457	0.996659	0.999391	-1.00061	0.0709846	0.74558	-1.34124	0.0920958	0.763475	-1.3098	0.0252531	1.47291	1.47291	0.464055	1.11457	1.11457	2.15237	0.722136	0.298229	1
cg07690127	MAD1L1;MAD1L1;MAD1L1	0.146976	0.0466752	0.207668	-4.81538	0.021561	0.148894	-6.71619	0.186615	0.380568	-2.62765	0.767093	1.22747	1.22747	0.0927107	0.278975	-3.58455	0.248327	0.434844	-2.29968	0.0945709	0.281392	-3.55376	0.782462	1.21046	1.21046	0.539781	0.651576	-1.53474	2.15232	16.2322	6.70376	1
cg08699680	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.146976	0.537933	1.18504	1.18504	0.0152191	0.444191	-2.25129	0.441664	0.807689	-1.2381	0.529031	0.840625	-1.18959	0.626229	0.874924	-1.14296	0.366769	1.28712	1.28712	0.169944	1.48875	1.48875	0.111225	0.623552	-1.60372	0.327318	0.759364	-1.31689	2.15232	2.52622	1.04331	1
cg26648306	PAK6;PAK6;PAK6	0.146981	0.311984	0.828545	-1.20694	0.291419	0.821306	-1.21757	0.0340121	0.640839	-1.56045	0.167837	0.767718	-1.30256	0.418931	1.16011	1.16011	0.609751	1.09699	1.09699	0.0533995	1.48375	1.48375	0.534287	0.892988	-1.11984	0.75376	1.05822	1.05822	2.15228	1.10226	0.455232	1
cg11421097	RGL2;RGL2	0.146984	0.173491	1.65898	1.65898	0.454819	0.766361	-1.30487	0.973583	1.01164	1.01164	0.226674	1.55845	1.55845	0.010943	0.327508	-3.05336	0.254022	0.659455	-1.5164	0.675836	0.863299	-1.15835	0.66797	0.859994	-1.1628	0.302056	0.688171	-1.45313	2.15227	4.1647	1.72003	1
cg08573478	DGKD;DGKD	0.146985	0.0668961	0.725453	-1.37845	0.331593	0.855115	-1.16943	0.247652	0.827905	-1.20787	0.792782	0.959697	-1.042	0.0834394	0.741263	-1.34905	0.182836	0.801821	-1.24716	0.963832	0.99294	-1.00711	0.883109	1.02325	1.02325	0.00975485	0.600083	-1.66644	2.15226	0.83221	0.343705	1
cg16018154	RPTOR;RPTOR	0.146986	0.323741	0.788347	-1.26848	0.155817	0.701641	-1.42523	0.938503	1.01817	1.01817	0.861018	1.04174	1.04174	0.628185	1.12061	1.12061	0.019282	0.516608	-1.9357	0.0668875	1.615	1.615	0.634614	1.11819	1.11819	0.385338	0.812471	-1.23081	2.15225	1.85599	0.766531	1
cg03576235	VENTXP1	0.146991	0.637975	1.3363	1.3363	0.850489	0.890985	-1.12235	0.415583	0.601096	-1.66363	0.129876	0.367579	-2.7205	0.00790539	0.124448	-8.03549	0.16523	0.404364	-2.47302	0.454129	1.59427	1.59427	0.981215	1.01451	1.01451	0.241776	0.47262	-2.11586	2.15221	12.7541	5.26758	1
cg08345562	CCDC124	0.146992	0.616551	1.12095	1.12095	0.195684	0.733836	-1.3627	0.0510694	0.605023	-1.65283	0.968248	1.00904	1.00904	0.307489	1.26985	1.26985	0.161127	1.4028	1.4028	0.0946786	1.51497	1.51497	0.765706	0.934649	-1.06992	0.14093	0.698982	-1.43065	2.15221	1.7433	0.720005	1
cg01035815	ITPR3	0.146993	0.335949	1.75825	1.75825	0.0483115	3.60878	3.60878	0.161619	2.33994	2.33994	0.0891032	2.90497	2.90497	0.845118	0.894723	-1.11766	0.410071	1.6147	1.6147	0.627692	1.32044	1.32044	0.0097986	6.4064	6.4064	0.398623	1.6348	1.6348	2.1522	11.0268	4.55424	1
cg00573623	EFCAB4B	0.146993	0.979847	0.995831	-1.00419	0.227402	0.810917	-1.23317	0.0102492	0.585524	-1.70787	0.774083	0.953514	-1.04875	0.357157	0.855018	-1.16957	0.442023	1.13844	1.13844	0.862546	0.971744	-1.02908	0.349487	0.852745	-1.17268	0.0380983	0.671926	-1.48826	2.1522	0.93249	0.385131	1
cg20570611	NR4A2	0.146993	0.151426	1.62842	1.62842	0.131803	1.67536	1.67536	0.268224	0.693618	-1.44172	0.191408	0.644828	-1.5508	0.523384	1.22772	1.22772	0.0732412	1.88458	1.88458	0.0720819	1.89054	1.89054	0.242677	1.47383	1.47383	0.644554	0.862975	-1.15878	2.1522	3.43017	1.41671	1
cg05950276	TMTC4;TMTC4	0.146994	0.759838	0.9083	-1.10096	0.0266333	0.43862	-2.27988	0.183465	0.642298	-1.55691	0.774113	0.913689	-1.09446	0.146236	1.63111	1.63111	0.179792	1.56345	1.56345	0.758603	1.10152	1.10152	0.147125	0.613836	-1.6291	0.28807	0.707527	-1.41337	2.1522	3.35403	1.38526	1
cg17939444	C8orf4	0.146994	0.115868	0.513339	-1.94803	0.0131067	0.30105	-3.32171	0.193112	0.584285	-1.71149	0.899892	1.05033	1.05033	0.355106	0.689931	-1.44942	0.122745	1.92029	1.92029	0.839263	0.923816	-1.08247	0.407727	0.718623	-1.39155	0.687561	0.854071	-1.17086	2.1522	5.18909	2.14317	1
cg19760651	SCN8A	0.146995	0.740003	0.863505	-1.15807	0.0307431	3.05935	3.05935	0.210702	1.78813	1.78813	0.767479	0.877516	-1.13958	0.0899459	0.438835	-2.27876	0.259074	0.595198	-1.68011	0.808544	0.898549	-1.11291	0.606729	1.2571	1.2571	0.118255	0.473599	-2.11149	2.15219	6.61909	2.73379	1
cg20015401	MAML2	0.146995	0.175352	0.636486	-1.57113	0.020801	0.417985	-2.39243	0.29481	0.711335	-1.40581	0.172415	0.634271	-1.57661	0.229989	0.673794	-1.48413	0.749507	1.10564	1.10564	0.373931	0.751173	-1.33125	0.366553	1.33751	1.33751	0.0423262	0.480413	-2.08154	2.15219	3.34987	1.38355	1
cg11782250	CSMD1	0.147	0.507992	0.764667	-1.30776	0.0479175	2.46832	2.46832	0.715931	0.864144	-1.15721	0.842368	1.0828	1.0828	0.0309686	0.363491	-2.7511	0.384996	0.700576	-1.4274	0.135561	1.90161	1.90161	0.476001	1.33585	1.33585	0.576286	0.798068	-1.25303	2.15215	5.44093	2.24723	1
cg00775829	FAM101B	0.147002	0.0921725	0.734486	-1.3615	0.620018	0.920162	-1.08677	0.579733	0.911086	-1.09759	0.825059	1.03754	1.03754	0.475022	0.886096	-1.12855	0.0215073	0.631468	-1.58361	0.0740323	1.39296	1.39296	0.393296	1.1567	1.1567	0.906277	1.0198	1.0198	2.15214	0.944583	0.390137	1
cg07933790	NYX	0.147005	?	?	?	0.958302	0.973424	-1.0273	0.948124	1.03409	1.03409	0.293077	1.75397	1.75397	0.0109506	0.193033	-5.18047	0.287023	1.76742	1.76742	0.200402	2.00722	2.00722	0.975947	0.984588	-1.01565	0.63257	0.780246	-1.28165	2.16965	8.106	3.73609	1
cg02408009	HERC2	0.147005	0.403843	1.13198	1.13198	0.778547	0.959911	-1.04176	0.476054	0.900172	-1.1109	0.0300356	1.44827	1.44827	0.966261	0.99388	-1.00616	0.468979	0.898596	-1.11285	0.0633846	1.35388	1.35388	0.364673	0.873557	-1.14474	0.121128	0.783551	-1.27624	2.15211	0.717876	0.296505	1
cg19639873	TROAP;TROAP	0.147008	0.479804	0.95845	-1.04335	0.190534	1.08534	1.08534	0.0725688	1.12565	1.12565	0.445873	0.95513	-1.04698	0.111308	0.9026	-1.10791	0.274809	0.935077	-1.06943	0.876676	1.00922	1.00922	0.047934	1.14293	1.14293	0.869801	1.00974	1.00974	2.1521	0.118967	0.0491373	1
cg11798521	IL13	0.147011	0.013654	0.249608	-4.00628	0.121786	0.466217	-2.14492	0.0476639	0.356866	-2.80217	0.103351	0.444621	-2.24911	0.250006	0.578721	-1.72795	0.166573	0.51118	-1.95626	0.152042	0.497516	-2.00998	0.147656	0.493236	-2.02743	0.398898	0.675073	-1.48132	2.15207	7.05518	2.91406	1
cg25765464	ZNF536	0.147013	0.174154	0.395618	-2.52769	0.0638891	0.262909	-3.80359	0.649842	1.34066	1.34066	0.82448	0.867204	-1.15313	0.127593	0.34758	-2.87704	0.170466	0.392062	-2.55062	0.0231921	0.175369	-5.70226	0.0484769	0.235519	-4.24595	0.516583	0.65584	-1.52476	2.15206	14.0234	5.79222	1
cg15415509	ADRB2	0.147016	0.682727	1.11908	1.11908	0.553676	1.17824	1.17824	0.0304589	2.00627	2.00627	0.980531	0.993342	-1.0067	0.850003	1.0532	1.0532	0.754694	1.0896	1.0896	0.112632	0.623252	-1.60449	0.0349122	1.96009	1.96009	0.145574	1.53388	1.53388	2.15204	2.55451	1.05513	1
cg23875319	LHPP;LHPP	0.147022	0.432684	1.33621	1.33621	0.752305	1.12143	1.12143	0.0960759	0.516057	-1.93777	0.758756	1.11796	1.11796	0.329521	0.694716	-1.43944	0.168432	1.70105	1.70105	0.0232283	2.66993	2.66993	0.242976	1.55623	1.55623	0.209531	1.61405	1.61405	2.152	4.46574	1.84458	1
cg19018201	FGF6	0.147022	0.562608	1.17893	1.17893	0.0421838	1.93129	1.93129	0.565158	0.849158	-1.17764	0.87692	0.957354	-1.04455	0.1186	1.61028	1.61028	0.941339	0.979518	-1.02091	0.193724	1.4721	1.4721	0.0375112	0.507274	-1.97132	0.943311	0.980201	-1.0202	2.152	2.69509	1.11321	1
cg06101177	ZSWIM6	0.147023	0.929208	0.981479	-1.01887	0.435994	0.846032	-1.18199	0.949915	1.0133	1.0133	0.00512619	0.459357	-2.17695	0.756866	0.936752	-1.06752	0.424837	1.18704	1.18704	0.104466	0.688404	-1.45264	0.474943	0.85825	-1.16516	0.976293	0.993768	-1.00627	2.15199	1.50858	0.623124	1
cg06959283	ODZ4	0.147024	0.402936	0.843207	-1.18595	0.0451133	0.632514	-1.58099	0.0338747	0.61046	-1.63811	0.230853	0.778464	-1.28458	0.981117	0.995296	-1.00473	0.63575	1.09973	1.09973	0.401222	1.18672	1.18672	0.0573064	0.651517	-1.53488	0.241273	0.783168	-1.27686	2.15199	1.35306	0.558887	1
cg27503921	SCAMP3;SCAMP3	0.147026	0.921253	1.10188	1.10188	0.653504	1.55794	1.55794	0.365774	2.48871	2.48871	0.881986	0.864368	-1.15691	0.917115	1.10754	1.10754	0.608908	0.602701	-1.6592	0.00431161	0.0236459	-42.2906	0.254297	0.310989	-3.21554	0.801714	0.781216	-1.28006	2.15197	32.8136	13.5539	1
cg24152098	MCF2L;MCF2L	0.147027	0.367684	1.32209	1.32209	0.0231525	2.26884	2.26884	0.0413873	2.03368	2.03368	0.815444	0.93188	-1.0731	0.283333	1.39983	1.39983	0.225634	1.4681	1.4681	0.030418	2.15478	2.15478	0.219695	1.47614	1.47614	0.515444	1.22018	1.22018	2.15197	3.10322	1.28181	1
cg13454099	C12orf41	0.147028	0.310411	0.82726	-1.20881	0.0267119	1.60696	1.60696	0.0712003	1.43924	1.43924	0.559949	1.11238	1.11238	0.283148	1.22322	1.22322	0.700524	0.932557	-1.07232	0.467395	0.874934	-1.14294	0.595442	0.907717	-1.10167	0.0930374	1.39635	1.39635	2.15196	1.1126	0.459571	1
cg16141740	SERHL	0.14703	0.225071	3.06547	3.06547	0.553665	0.590533	-1.69338	0.131646	0.239122	-4.18197	0.951919	0.948368	-1.05444	0.019865	0.0844276	-11.8445	0.436877	0.497936	-2.00829	0.552342	1.69643	1.69643	0.10231	0.207659	-4.81558	0.345277	2.35038	2.35038	2.15195	26.3424	10.8811	1
cg12647333	ZNF341	0.147031	0.142657	0.347698	-2.87606	0.35203	1.89221	1.89221	0.788996	1.1947	1.1947	0.497832	1.57986	1.57986	0.267913	0.463055	-2.15957	0.384355	0.552336	-1.81049	0.0331723	5.4317	5.4317	?	?	?	0.125867	3.03909	3.03909	2.28023	13.8128	5.30041	1
cg12210527	ANAPC5;ANAPC5	0.147039	0.291143	0.675878	-1.47956	0.0271036	2.54882	2.54882	0.340762	1.42061	1.42061	0.924489	0.966665	-1.03448	0.0826988	0.502956	-1.98824	0.123435	0.550593	-1.81622	0.433407	0.751353	-1.33093	0.568621	0.813787	-1.22882	0.685863	1.15653	1.15653	2.15188	4.35871	1.80048	1
cg17573594	TCHP;TCHP;TCHP	0.14704	0.687609	1.0438	1.0438	0.62547	0.949165	-1.05356	0.925081	0.990074	-1.01003	0.21795	0.871576	-1.14735	0.152414	1.17654	1.17654	0.0169789	1.36173	1.36173	0.275126	1.12797	1.12797	0.231552	0.87539	-1.14235	0.239664	1.1395	1.1395	2.15188	0.383359	0.158356	1
cg10324419	FBXO8;KIAA1712;KIAA1712;KIAA1712;FBXO8	0.147042	0.334455	0.916371	-1.09126	0.274617	1.10487	1.10487	0.509585	0.942996	-1.06045	0.158084	0.87599	-1.14157	0.611761	0.956086	-1.04593	0.296874	0.909474	-1.09954	0.247742	1.11185	1.11185	0.563832	0.950095	-1.05253	0.0186316	1.28433	1.28433	2.15186	0.262333	0.108364	1
cg06089512	TTC29	0.147043	0.637806	0.905779	-1.10402	0.455056	0.853175	-1.17209	0.826864	1.04678	1.04678	0.0135449	0.528509	-1.89212	0.290442	0.795356	-1.2573	0.732841	0.93099	-1.07413	0.0200022	0.556622	-1.79655	0.553229	1.13335	1.13335	0.93214	0.982383	-1.01793	2.15185	1.48434	0.613151	1
cg17744158	TMOD2;TMOD2;TMOD2;TMOD2;LYSMD2	0.147044	0.296239	0.803182	-1.24505	0.498799	1.14855	1.14855	0.0910392	1.46272	1.46272	0.295351	0.802831	-1.24559	0.718294	1.07568	1.07568	0.175318	0.746158	-1.3402	0.946474	1.0136	1.0136	0.0371964	1.64608	1.64608	0.127517	1.39888	1.39888	2.26374	1.42143	0.488378	1
cg01855636	MYO5B	0.147048	0.264223	0.632213	-1.58175	0.186114	0.575608	-1.73729	0.0118238	0.289819	-3.45043	0.619825	1.2178	1.2178	0.468836	1.33695	1.33695	0.174385	0.565934	-1.76699	0.14434	0.539087	-1.85499	0.299225	0.654473	-1.52795	0.606792	1.22697	1.22697	2.15182	5.29089	2.1856	1
cg14210632	RIN3	0.147048	0.0959036	0.324497	-3.08169	0.145708	2.61525	2.61525	0.283123	1.98646	1.98646	0.663565	1.30914	1.30914	0.40013	1.69907	1.69907	0.918253	0.938771	-1.06522	0.0171565	0.16736	-5.97513	0.908507	0.931691	-1.07332	0.88033	0.91145	-1.09715	2.15182	12.9087	5.33242	1
cg26560794	MARCH8;MARCH8	0.147055	0.427703	1.4638	1.4638	0.488002	0.718005	-1.39275	0.379336	1.52912	1.52912	0.520573	0.73631	-1.35812	0.01872	3.96758	3.96758	0.147054	2.09161	2.09161	0.0817027	2.50834	2.50834	0.298821	1.6618	1.6618	0.312142	0.610794	-1.63721	2.26365	7.722	2.65324	1
cg08783616	C17orf76;C17orf76	0.147056	0.1756	0.466779	-2.14234	0.942729	0.962705	-1.03874	0.0443973	3.39198	3.39198	0.843739	0.900864	-1.11005	0.150546	0.442575	-2.2595	0.854347	0.907362	-1.1021	0.0656494	0.335259	-2.98277	0.0894311	0.371332	-2.69301	0.426309	0.650691	-1.53683	2.15177	9.53719	3.93979	1
cg01070197	DLC1;DLC1	0.147059	0.418984	0.664748	-1.50433	0.328769	1.64613	1.64613	0.266542	0.564151	-1.77258	0.993448	1.00407	1.00407	0.602166	0.770996	-1.29702	0.268938	1.76709	1.76709	0.00725108	0.180334	-5.54528	0.562389	1.33593	1.33593	0.84523	0.907881	-1.10147	2.15174	8.33292	3.44235	1
cg12605273	TBCD	0.147062	0.582491	0.933844	-1.07084	0.306578	1.13939	1.13939	0.148037	1.21082	1.21082	0.207501	1.17804	1.17804	0.696777	1.04946	1.04946	0.122292	1.2293	1.2293	0.681007	1.05228	1.05228	0.022496	0.713952	-1.40066	0.48751	0.916717	-1.09085	2.15172	0.5179	0.213948	1
cg27260858	UBA1	0.147063	0.126343	0.434177	-2.30321	0.00504428	0.153986	-6.49409	0.610583	0.771756	-1.29575	0.939282	1.03918	1.03918	0.474486	0.69286	-1.44329	0.360966	0.622661	-1.60601	0.877912	0.925381	-1.08064	0.763777	1.16421	1.16421	0.48159	1.43456	1.43456	2.15172	8.67273	3.58277	1
cg25450061	CA2	0.147067	0.822198	0.851538	-1.17435	0.643732	1.39451	1.39451	0.391622	1.87145	1.87145	0.962107	0.966645	-1.03451	0.65153	0.72279	-1.38353	0.503062	0.615526	-1.62463	0.919884	1.07448	1.07448	0.00617624	12.8089	12.8089	0.086719	3.86107	3.86107	2.15169	17.3745	7.17763	1
cg13513270	TMEM143;SYNGR4	0.147068	0.175018	0.801498	-1.24766	0.249749	0.831501	-1.20264	0.0934857	0.753522	-1.3271	0.990763	1.00178	1.00178	0.334428	0.858376	-1.16499	0.0337843	0.683695	-1.46264	0.0142574	0.628953	-1.58994	0.203139	0.813764	-1.22886	0.866244	0.974471	-1.0262	2.15168	0.801946	0.331295	1
cg20381767	OXGR1	0.14707	0.621752	0.906285	-1.10341	0.18237	1.32318	1.32318	0.528544	1.13467	1.13467	0.626223	0.907446	-1.10199	0.0438443	0.6323	-1.58153	0.519365	0.878761	-1.13797	0.308115	0.811609	-1.23212	0.565901	0.891517	-1.12168	0.0322352	1.64255	1.64255	2.15167	1.33421	0.551184	1
cg17159699	ST18	0.147071	0.933154	0.926896	-1.07887	0.00865888	20.664	20.664	0.0309123	9.90607	9.90607	0.886969	1.13735	1.13735	0.793159	0.788361	-1.26845	0.903661	1.1158	1.1158	0.238364	3.0574	3.0574	0.410434	2.14195	2.14195	0.822468	1.22551	1.22551	2.15166	27.9053	11.5282	1
cg18797950	CAND2;CAND2	0.147071	0.115063	0.486597	-2.05509	0.0614465	0.412402	-2.42482	0.078971	0.440429	-2.27051	0.0366555	0.360351	-2.77507	0.0463467	0.383123	-2.61013	0.338287	0.660367	-1.51431	0.0944691	0.461737	-2.16573	0.998725	1.00067	1.00067	0.258289	0.609042	-1.64192	2.15166	6.02238	2.48796	1
cg14772439	HLA-A	0.147079	0.0963747	0.170441	-5.86712	0.217238	0.284164	-3.5191	0.382607	0.419878	-2.38164	0.241625	0.304866	-3.28013	0.00870074	0.039149	-25.5434	0.0855037	0.15846	-6.31075	0.0794889	0.151599	-6.59636	0.318618	0.368256	-2.7155	0.61194	0.609068	-1.64185	2.15161	32.0086	13.2237	1
cg25105633	CDCA4;CDCA4	0.147079	0.0290487	0.245615	-4.07142	0.0894721	0.359976	-2.77796	0.256215	0.523764	-1.90926	0.966521	1.02317	1.02317	0.0898779	0.360535	-2.77365	0.868697	0.913673	-1.09448	0.0679494	0.327723	-3.05136	0.384513	1.62668	1.62668	0.16575	0.446372	-2.24028	2.1516	10.1469	4.19198	1
cg10204807	SLC35F3	0.14708	0.0334361	0.529165	-1.88977	0.829037	1.05695	1.05695	0.0875636	0.616939	-1.6209	0.487298	0.834653	-1.1981	0.0809316	0.609191	-1.64152	0.368091	0.789175	-1.26715	0.0815677	0.609956	-1.63946	0.0300476	0.52021	-1.9223	0.407931	0.805106	-1.24207	2.1516	2.23503	0.923355	1
cg04168675	DOCK10	0.147085	0.0578452	0.150924	-6.62583	0.0307786	0.106794	-9.36381	0.0284863	0.102338	-9.77154	0.925784	0.921131	-1.08562	0.821693	0.819519	-1.22023	0.229975	0.329368	-3.03612	0.686821	1.42959	1.42959	0.117485	0.223314	-4.478	0.582139	0.612605	-1.63237	2.15156	26.4942	10.9457	1
cg11792277	C6orf217;AHI1;AHI1;AHI1;AHI1	0.147093	0.22876	0.657197	-1.52161	0.494914	1.25901	1.25901	0.0436461	2.16155	2.16155	0.256436	0.674581	-1.4824	0.402324	0.752133	-1.32955	0.248024	1.49382	1.49382	0.500061	1.25546	1.25546	0.113921	1.771	1.771	0.0948421	1.84056	1.84056	2.15151	3.76338	1.55483	1
cg12701576	PEX19;PEX19	0.147096	0.831643	0.932743	-1.07211	0.391519	0.750429	-1.33257	0.0405139	2.16773	2.16773	0.858637	1.06004	1.06004	0.611413	1.18242	1.18242	0.014362	0.372687	-2.68322	0.770627	0.908819	-1.10033	0.505239	1.24745	1.24745	0.868755	1.05557	1.05557	2.15149	3.64445	1.50571	1
cg06921259	FUS;FUS;FUS;FUS	0.147099	0.348309	1.2663	1.2663	0.226587	0.733129	-1.36402	0.282259	1.31417	1.31417	0.63211	1.12518	1.12518	0.157053	0.690712	-1.44778	0.015859	0.485567	-2.05945	0.375005	0.800408	-1.24936	0.939789	0.981699	-1.01864	0.323843	1.28292	1.28292	2.15146	2.03713	0.841654	1
cg01410314	C9orf41	0.147101	0.0785673	0.157335	-6.35586	0.934804	1.08052	1.08052	0.917161	0.906215	-1.10349	0.352823	0.404556	-2.47185	0.1141	0.196529	-5.08831	0.191448	0.270064	-3.70282	0.0340695	0.0962045	-10.3945	0.0226438	0.075531	-13.2396	0.168164	0.249029	-4.01559	2.15145	30.5293	12.6134	1
cg04865691	SOX1;SOX1	0.147103	0.86034	0.961928	-1.03958	0.0518064	0.613994	-1.62868	0.625794	1.11441	1.11441	0.0801465	1.53402	1.53402	0.720292	1.08247	1.08247	0.117664	1.4543	1.4543	0.0722002	0.642579	-1.55623	0.701265	1.08867	1.08867	0.587952	1.12814	1.12814	2.15144	1.65531	0.68391	1
cg23825522	LIMD1	0.147104	0.0218286	0.32973	-3.03278	0.541978	0.77969	-1.28256	0.184881	0.567292	-1.76276	0.819476	0.911965	-1.09653	0.0115079	0.279649	-3.57591	0.886283	0.943946	-1.05938	0.920963	0.960781	-1.04082	0.840591	0.922022	-1.08457	0.198984	0.578595	-1.72832	2.15143	5.53752	2.28789	1
cg21335266	BHLHE41	0.147105	0.0179077	3.40741	3.40741	0.102301	2.11455	2.11455	0.086406	2.21345	2.21345	0.77141	0.886601	-1.1279	0.295973	1.56839	1.56839	0.308004	1.54973	1.54973	0.328925	0.658266	-1.51914	0.18125	1.80687	1.80687	0.196149	1.76714	1.76714	2.26327	5.98492	2.05673	1
cg00013374	TRIM56	0.147109	0.54136	0.880032	-1.13632	0.130224	0.713315	-1.4019	0.107732	0.695721	-1.43736	0.0245193	0.574786	-1.73978	0.134051	0.716063	-1.39653	0.832655	1.04471	1.04471	0.132943	1.39807	1.39807	0.63854	0.906834	-1.10274	0.817134	1.04904	1.04904	2.1514	1.45576	0.601471	1
cg01794548	FTHL17	0.147109	0.585972	0.91192	-1.09659	0.673447	1.07364	1.07364	0.964681	0.992604	-1.00745	0.0664664	0.708199	-1.41203	0.0779564	0.720106	-1.38868	0.985435	1.00306	1.00306	0.0667548	1.41139	1.41139	0.719616	0.94136	-1.06229	0.0904728	1.36713	1.36713	2.1514	0.957593	0.395647	1
cg05789403	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.14711	0.71488	1.25852	1.25852	0.11318	2.94596	2.94596	0.0287931	5.03273	5.03273	0.913626	0.934261	-1.07036	0.559842	0.691064	-1.44704	0.816992	0.864782	-1.15636	?	?	?	0.057633	0.26042	-3.83996	0.892931	0.919065	-1.08806	2.1689	11.9931	5.52955	1
cg02401220	EIF1;EIF1	0.147115	0.136898	1.35177	1.35177	0.78261	0.9493	-1.05341	0.139445	0.741425	-1.34875	0.976057	0.99437	-1.00566	0.0422292	0.643923	-1.55298	0.0627386	0.674408	-1.48278	0.274259	1.23863	1.23863	0.599129	1.10493	1.10493	0.459009	0.867766	-1.15238	2.15135	1.20571	0.498172	1
cg27209278	ZNRF4;ZNRF4	0.147118	0.0877974	0.113517	-8.80926	0.463326	2.3679	2.3679	0.634642	1.73811	1.73811	0.924377	1.11587	1.11587	0.0216466	0.0414147	-24.146	0.462118	0.421297	-2.37362	0.334389	0.316751	-3.15705	0.0365393	0.0604508	-16.5424	0.343667	0.324186	-3.08465	2.15133	45.4331	18.7721	1
cg18784533	PGGT1B	0.147118	0.709573	0.926455	-1.07938	0.0709788	0.662391	-1.50968	0.83771	0.958987	-1.04277	0.671171	0.916496	-1.09111	0.920438	1.02061	1.02061	0.467512	0.859887	-1.16294	0.251508	1.27714	1.27714	0.307565	0.806002	-1.24069	0.00812659	0.500626	-1.9975	2.15133	1.42063	0.586976	1
cg19693626	MRGPRX3	0.147121	0.198566	0.842175	-1.1874	0.491872	0.915526	-1.09227	0.102053	0.797529	-1.25387	0.428874	0.902936	-1.1075	0.549885	1.07949	1.07949	0.0252001	0.714248	-1.40007	0.337485	1.13316	1.13316	0.351965	1.12873	1.12873	0.100989	0.796861	-1.25492	2.15131	0.544574	0.22501	1
cg02564523	ORAI2;ORAI2	0.147122	0.706316	0.891715	-1.12143	0.20638	1.49708	1.49708	0.1322	1.63544	1.63544	0.0468608	1.99148	1.99148	0.361523	0.752785	-1.3284	0.0600463	1.90076	1.90076	0.322464	0.733862	-1.36265	0.603263	1.17204	1.17204	0.120698	1.66454	1.66454	2.15131	3.12315	1.29044	1
cg18838941	FAM171A1	0.147123	0.498934	1.18211	1.18211	0.0812689	0.624346	-1.60168	0.196963	0.717151	-1.39441	0.184632	1.4091	1.4091	0.317498	0.777364	-1.2864	0.116271	1.5159	1.5159	0.526283	1.16941	1.16941	0.5704	0.869553	-1.15002	0.0749646	0.616713	-1.6215	2.1513	2.02405	0.836312	1
cg10030963	C14orf133	0.147127	0.056259	0.186771	-5.35416	0.501803	0.589141	-1.69739	0.757304	0.78617	-1.27199	0.989756	0.990085	-1.01001	0.0424971	0.163151	-6.1293	0.449858	1.81781	1.81781	0.0245374	0.125059	-7.9962	0.272461	0.412078	-2.42672	0.16422	0.316014	-3.16442	2.15127	20.5243	8.4805	1
cg17718377	DTX1	0.147129	0.331798	0.571667	-1.74927	0.35201	1.70729	1.70729	0.177751	2.22526	2.22526	0.878181	0.917904	-1.08944	0.0961095	0.360391	-2.77476	0.378244	0.603564	-1.65682	0.0192966	0.205866	-4.85752	0.19274	0.46306	-2.15955	0.421045	0.63187	-1.5826	2.15126	10.6272	4.39111	1
cg06887542	TMEM106C;TMEM106C;TMEM106C;TMEM106C	0.147132	0.363978	1.12468	1.12468	0.0189482	1.43029	1.43029	0.0977718	1.25707	1.25707	0.298178	0.873	-1.14547	0.882225	0.981503	-1.01885	0.145981	0.821537	-1.21723	0.769318	0.96364	-1.03773	0.471101	0.911802	-1.09673	0.873955	0.980204	-1.0202	2.15124	0.54043	0.223305	1
cg14707353	AOX1	0.147134	0.64054	0.897209	-1.11457	0.289135	0.77586	-1.28889	0.047186	0.592267	-1.68843	0.184622	0.722857	-1.3834	0.0221812	0.531295	-1.88219	0.247852	0.756808	-1.32134	0.40452	1.2174	1.2174	0.417451	1.2106	1.2106	0.663456	1.10626	1.10626	2.15122	1.81242	0.748897	1
cg06548069	CWC22	0.147134	0.270205	1.15433	1.15433	0.641615	0.943086	-1.06035	0.00894051	0.659861	-1.51547	0.663932	1.05617	1.05617	0.591739	1.07002	1.07002	0.918916	1.01281	1.01281	0.0723078	0.778236	-1.28496	0.893779	0.983438	-1.01684	0.999853	0.999977	-1.00002	2.15122	0.532441	0.220006	1
cg11472786	HDAC11;HDAC11	0.147135	0.721252	0.858437	-1.16491	0.421081	1.41934	1.41934	0.559958	1.28549	1.28549	0.393817	1.45085	1.45085	0.35757	1.49649	1.49649	0.337191	1.52437	1.52437	0.00513775	4.82967	4.82967	0.480376	0.736649	-1.3575	0.157944	1.90261	1.90261	2.15122	6.18492	2.55562	1
cg05029838	SUMO3	0.147136	0.19895	1.45841	1.45841	0.418083	1.25864	1.25864	0.0380593	0.512497	-1.95123	0.136873	1.56122	1.56122	0.167001	1.50615	1.50615	0.274671	1.37158	1.37158	0.932682	1.02376	1.02376	0.528777	0.837445	-1.19411	0.197536	0.684772	-1.46034	2.15121	2.63303	1.08798	1
cg05093469	FLVCR2	0.147137	0.378121	1.30796	1.30796	0.402906	1.28934	1.28934	0.342209	0.747866	-1.33714	0.173373	0.650463	-1.53737	0.412674	0.779853	-1.28229	0.0183498	0.427574	-2.33878	0.123254	1.64161	1.64161	0.740029	0.90587	-1.10391	0.372996	0.762223	-1.31195	2.1512	3.00286	1.2408	1
cg07287167	ROBO1	0.14714	0.805732	0.967392	-1.03371	0.0409521	1.37352	1.37352	0.0543799	1.34136	1.34136	0.071738	0.762998	-1.31062	0.181408	1.21031	1.21031	0.83748	1.02802	1.02802	0.682436	1.05691	1.05691	0.833836	0.972133	-1.02867	0.298145	1.15615	1.15615	2.15118	0.616685	0.25482	1
cg13349606	MAPRE2;MAPRE2;MAPRE2;MAPRE2	0.147143	0.305302	0.831721	-1.20233	0.0826575	1.39603	1.39603	0.163066	1.2949	1.2949	0.397532	1.16226	1.16226	0.534001	1.11553	1.11553	0.577924	1.10249	1.10249	0.0378215	1.51902	1.51902	0.0909761	0.723836	-1.38153	0.614193	1.09224	1.09224	2.15116	1.02653	0.424178	1
cg05478818	RPL37	0.147144	0.125131	0.629196	-1.58933	0.409725	1.2653	1.2653	0.925178	0.974123	-1.02656	0.103761	1.64303	1.64303	0.891432	1.03885	1.03885	0.79799	1.07421	1.07421	0.0498007	0.535519	-1.86735	0.0571798	1.82315	1.82315	0.812293	0.935759	-1.06865	2.15115	2.65407	1.0967	1
cg07231738	ATP6V0D1	0.147145	0.869334	1.02566	1.02566	0.552745	0.911721	-1.09683	0.384777	0.871853	-1.14698	0.730784	1.05459	1.05459	0.0244558	0.661966	-1.51065	0.146742	0.786876	-1.27085	0.078841	1.35032	1.35032	0.120991	0.772004	-1.29533	0.815081	1.03671	1.03671	2.15115	0.806872	0.333412	1
cg20659757	SSX7	0.147147	0.40861	0.754062	-1.32615	0.363838	0.73222	-1.36571	0.125219	0.574498	-1.74065	0.73715	0.893594	-1.11908	0.00392093	0.273473	-3.65667	0.350799	0.725615	-1.37814	0.962039	0.98423	-1.01602	0.396734	0.748383	-1.33621	0.217309	0.648228	-1.54267	2.15113	3.80033	1.57037	1
cg04937029	ANKRD11	0.147152	0.149253	0.667488	-1.49815	0.0178009	2.12357	2.12357	0.199999	1.42459	1.42459	0.766708	1.08087	1.08087	0.155663	0.672272	-1.48749	0.929873	1.02327	1.02327	0.19785	1.42728	1.42728	0.617969	1.14045	1.14045	0.727203	1.09587	1.09587	2.1511	2.32772	0.961876	1
cg04661674	GABBR1;GABBR1;GABBR1	0.147154	0.0118475	0.133393	-7.49662	0.0827865	3.42698	3.42698	0.76863	1.20819	1.20819	0.702128	1.27937	1.27937	0.281846	0.488187	-2.04839	0.587438	1.4208	1.4208	0.484876	0.634401	-1.57629	0.415775	0.586681	-1.7045	0.729775	1.24897	1.24897	2.15109	14.0043	5.78696	1
cg20402747	TBC1D16	0.147155	0.642891	0.733215	-1.36386	0.268383	2.15148	2.15148	0.0450046	4.61287	4.61287	0.35875	1.87231	1.87231	0.217982	0.422633	-2.36612	0.606223	1.4128	1.4128	0.0344714	5.15006	5.15006	0.274209	0.469472	-2.13005	0.647842	0.736656	-1.35749	2.15108	15.0476	6.2181	1
cg20524636	SH2B3	0.147155	0.0827937	0.442901	-2.25784	0.0124473	0.267536	-3.73782	0.0490997	0.38584	-2.59175	0.4157	0.702802	-1.42288	0.100236	0.466047	-2.1457	0.219882	0.578741	-1.72789	0.229869	0.5862	-1.7059	0.929814	0.963341	-1.03805	0.573805	0.785892	-1.27244	2.15108	6.12314	2.53026	1
cg14216997	GALNT12	0.147156	0.199015	1.20469	1.20469	0.11869	0.792625	-1.26163	0.483622	1.10261	1.10261	0.434739	1.11556	1.11556	0.103415	1.27686	1.27686	0.697722	0.947853	-1.05502	0.0145167	1.51162	1.51162	0.558053	1.08468	1.08468	0.794611	1.03645	1.03645	2.15107	0.641452	0.265068	1
cg11530914	FHOD1;SLC9A5	0.147157	0.0911098	0.738574	-1.35396	0.465731	1.12849	1.12849	0.0484399	1.44362	1.44362	0.210952	0.806844	-1.2394	0.798822	1.04247	1.04247	0.430406	1.14003	1.14003	0.461133	0.884994	-1.12995	0.892915	0.978307	-1.02217	0.0602837	0.708199	-1.41203	2.15107	0.903339	0.373289	1
cg12865837	SIM1;SIM1	0.147158	0.36556	0.511868	-1.95363	0.59324	0.678151	-1.4746	0.954958	1.04153	1.04153	0.166667	2.89272	2.89272	0.699285	0.756076	-1.32262	0.215702	2.55648	2.55648	0.369217	0.514623	-1.94317	0.00950567	10.6611	10.6611	0.517521	1.60424	1.60424	2.15105	17.6782	7.30525	1
cg21772997	ANKRD55;ANKRD55	0.147159	0.316624	0.786198	-1.27194	0.394455	1.22465	1.22465	0.0827214	1.56279	1.56279	0.681122	1.10076	1.10076	0.0325996	0.559288	-1.78799	0.576619	1.14003	1.14003	0.694713	0.912428	-1.09598	0.112318	1.49434	1.49434	0.261313	1.31283	1.31283	2.15105	1.83917	0.76001	1
cg21581531	B3GAT2	0.147161	0.735691	1.04279	1.04279	0.360799	1.12319	1.12319	0.590904	1.06941	1.06941	0.67025	0.94841	-1.0544	0.534608	1.08088	1.08088	0.56297	1.075	1.075	0.0552986	0.764403	-1.30821	0.0111574	1.48195	1.48195	0.929093	0.989054	-1.01107	2.15103	0.52098	0.215289	1
cg09623771	TAF6;TAF6;TAF6;CNPY4;TAF6	0.147162	0.491931	0.927618	-1.07803	0.459933	0.922205	-1.08436	0.984231	1.00213	1.00213	0.67531	1.04639	1.04639	0.929669	0.990543	-1.00955	0.0429471	0.778215	-1.28499	0.0348438	0.767401	-1.3031	0.0213387	0.742457	-1.34688	0.264326	0.882287	-1.13342	2.15103	0.39474	0.163122	1
cg12961842	ZNF418	0.147162	0.817636	1.18335	1.18335	0.191156	2.79925	2.79925	0.0644112	4.85643	4.85643	0.235928	0.398431	-2.50984	0.036942	0.154599	-6.46833	0.907726	1.08814	1.08814	0.465302	0.580013	-1.7241	0.233976	2.52078	2.52078	0.518868	0.619578	-1.614	2.41996	19.3677	5.33555	1
cg02665660	HDAC4	0.147164	0.642451	1.10904	1.10904	0.576751	0.882665	-1.13293	0.535113	0.870203	-1.14916	0.0243926	0.552268	-1.81072	0.589096	0.886293	-1.12829	0.109846	1.47078	1.47078	0.0890769	0.660301	-1.51446	0.468238	0.849285	-1.17746	0.0980662	0.669201	-1.49432	2.15102	1.66912	0.689747	1
cg20007462	DRD2;DRD2	0.147165	0.886936	0.98363	-1.01664	0.18287	0.848752	-1.1782	0.913449	1.01269	1.01269	0.400834	1.10492	1.10492	0.00997693	0.685577	-1.45863	0.509103	0.925236	-1.08081	0.0751641	0.79462	-1.25846	0.207761	0.857177	-1.16662	0.263535	0.873517	-1.1448	2.15101	0.458573	0.189502	1
cg14992524	SOX7	0.147165	0.956955	1.02663	1.02663	0.845819	1.09945	1.09945	0.00520151	0.165983	-6.02472	0.245614	0.553556	-1.8065	0.913672	1.05423	1.05423	0.628305	0.788541	-1.26816	0.417607	1.4969	1.4969	0.382838	0.646733	-1.54623	0.200456	0.517591	-1.93203	2.151	8.07939	3.33876	1
cg18350497	C11orf54	0.147167	0.885753	0.960119	-1.04154	0.800019	1.0745	1.0745	0.0818596	1.72603	1.72603	0.981434	1.00661	1.00661	0.18455	1.48946	1.48946	0.408497	0.787162	-1.27039	0.0429308	1.93385	1.93385	0.631138	1.14676	1.14676	0.0538209	0.538067	-1.85851	2.15099	2.73007	1.12819	1
cg19951871	L3MBTL3;L3MBTL3	0.147167	0.0942963	0.541485	-1.84677	0.384328	0.742683	-1.34647	0.181794	1.60431	1.60431	0.759307	0.902585	-1.10793	0.0327885	0.434792	-2.29995	0.212841	1.54894	1.54894	0.521863	0.80533	-1.24173	0.36674	0.733999	-1.3624	0.254927	1.4865	1.4865	2.15099	3.7892	1.56587	1
cg17469978	CAV1	0.147169	0.950637	0.985382	-1.01484	0.0760648	1.59927	1.59927	0.520795	0.856569	-1.16745	0.386693	0.809721	-1.23499	0.78861	1.06601	1.06601	0.922329	0.97707	-1.02347	0.0129676	0.480229	-2.08234	0.305019	0.776737	-1.28744	0.350358	1.2569	1.2569	2.15098	1.92747	0.796525	1
cg07913620	ATAD1;CFLP1	0.147175	0.348008	0.839154	-1.19168	0.987856	1.00277	1.00277	0.585725	1.10505	1.10505	0.917816	0.981442	-1.01891	0.609412	1.09803	1.09803	0.0768186	1.42925	1.42925	0.0396771	0.649399	-1.53988	0.803589	1.04626	1.04626	0.0414343	1.53238	1.53238	2.15094	1.12209	0.46371	1
cg02117197	CENPT;NUTF2	0.147176	?	?	?	0.0704375	5.41548	5.41548	?	?	?	0.0809277	0.199504	-5.01242	0.225258	0.353669	-2.8275	0.993912	1.00614	1.00614	?	?	?	?	?	?	0.726776	0.754549	-1.32529	2.50579	13.4955	6.46287	1
cg18899117	PARD3B;PARD3B;PARD3B	0.147177	0.626521	0.853177	-1.17209	0.70104	0.882582	-1.13304	0.61568	0.848844	-1.17807	0.947164	0.97877	-1.02169	0.116843	1.73609	1.73609	0.403483	1.31891	1.31891	0.00999416	2.86664	2.86664	0.193543	1.5612	1.5612	0.35904	0.736857	-1.35712	2.15092	3.57144	1.47593	1
cg08651894	KCNN3;KCNN3;KCNN3	0.147177	0.156185	0.567975	-1.76064	0.849753	1.07328	1.07328	0.0281241	0.380231	-2.62998	0.441144	0.746094	-1.34031	0.0591784	0.451845	-2.21315	0.681879	0.857539	-1.16613	0.876897	1.05951	1.05951	0.0909499	0.499391	-2.00244	0.0402754	0.413317	-2.41945	2.15092	4.73697	1.9576	1
cg27164770	GPC6	0.147178	0.998594	0.999352	-1.00065	0.596043	0.821472	-1.21733	0.0195914	0.354608	-2.82002	0.950446	0.977413	-1.02311	0.106188	0.522794	-1.9128	0.436055	1.33922	1.33922	0.12213	0.540163	-1.85129	0.145375	1.77666	1.77666	0.408896	0.733095	-1.36408	2.15092	4.60295	1.90222	1
cg02135003	PUS7	0.147181	0.422089	0.783185	-1.27684	0.402711	0.774757	-1.29073	0.0315855	0.471809	-2.1195	0.384323	0.766574	-1.30451	0.989963	1.00376	1.00376	0.0070194	0.353887	-2.82576	0.226962	0.685215	-1.4594	0.406731	0.776521	-1.28779	0.675723	0.88217	-1.13357	2.1509	3.02535	1.25027	1
cg13628577	PRDM6	0.147183	0.0216211	21.5236	21.5236	0.967931	1.04575	1.04575	0.208808	4.368	4.368	0.519777	0.483801	-2.06696	0.391833	0.376736	-2.65438	0.655198	0.606446	-1.64895	0.380974	0.367903	-2.71811	0.0443419	13.0663	13.0663	0.796669	0.750275	-1.33285	2.15088	42.1798	17.4315	1
cg19954954	TBCD	0.147184	0.0252139	0.537604	-1.8601	0.280878	1.2987	1.2987	0.645377	1.11411	1.11411	0.45165	0.836257	-1.1958	0.0262884	0.540893	-1.84879	0.53124	0.862524	-1.15939	0.842537	1.04747	1.04747	0.597605	0.883191	-1.13226	0.162006	0.705978	-1.41648	2.15088	1.85231	0.765503	1
cg11942662	RPP40	0.147184	0.572067	0.74675	-1.33914	0.0156075	0.219494	-4.55593	0.201157	0.501337	-1.99467	0.21356	1.95404	1.95404	0.0793411	0.369289	-2.70791	0.778266	0.865555	-1.15533	0.106926	0.406491	-2.46008	0.968519	1.02039	1.02039	0.479002	0.692051	-1.44498	2.15088	8.91149	3.68284	1
cg11714430	NAB1	0.147185	0.155846	0.37019	-2.70131	0.137495	2.84859	2.84859	0.854845	1.12733	1.12733	0.9145	1.07282	1.07282	0.151265	0.365521	-2.73582	0.566395	0.684329	-1.46128	0.0193012	0.156916	-6.37282	0.708949	1.27813	1.27813	0.144519	0.358517	-2.78927	2.15087	14.591	6.03	1
cg02043159	PCDH10;PCDH10	0.147185	0.923249	0.979862	-1.02055	0.485209	0.860947	-1.16151	0.122547	0.702405	-1.42368	0.60469	1.11655	1.11655	0.0387991	0.60345	-1.65714	0.126978	0.70578	-1.41687	0.0483251	0.621076	-1.61011	0.664377	1.09654	1.09654	0.0587844	0.637237	-1.56927	2.15087	1.51814	0.6274	1
cg01816146	FAM19A5	0.147186	0.13732	0.649951	-1.53858	0.190737	1.45211	1.45211	0.290205	1.34385	1.34385	0.13522	0.648218	-1.54269	0.491771	0.828618	-1.20683	0.281706	0.739926	-1.35149	0.0414845	1.88319	1.88319	0.386013	0.787211	-1.27031	0.792898	1.07341	1.07341	2.15086	2.46923	1.02046	1
cg08824221	LGR4	0.147186	0.0834302	1.87659	1.87659	0.915521	1.03547	1.03547	0.351975	0.730051	-1.36977	0.797116	1.08831	1.08831	0.0225784	0.407765	-2.45239	0.619774	1.17857	1.17857	0.117521	1.74793	1.74793	0.29181	1.43232	1.43232	0.813003	0.92511	-1.08095	2.15086	3.67575	1.51908	1
cg17665095	ERC2	0.147187	0.263026	0.527537	-1.8956	0.935243	0.95644	-1.04554	0.154176	2.30717	2.30717	0.330364	0.576666	-1.73411	0.251565	0.518665	-1.92803	0.441853	0.650639	-1.53695	0.00878654	0.160595	-6.22686	0.235869	0.506208	-1.97547	0.503497	0.689292	-1.45076	2.15086	10.2322	4.22869	1
cg01097071	KCNG2	0.147188	0.125807	0.697337	-1.43403	0.136763	1.4174	1.4174	0.492701	1.16372	1.16372	0.431794	0.839796	-1.19077	0.295285	0.789629	-1.26642	0.213511	0.751971	-1.32984	0.0355066	1.70347	1.70347	0.71145	1.08421	1.08421	0.349497	0.810924	-1.23316	2.15085	1.61319	0.66669	1
cg21368354	CARKD	0.147188	0.922303	1.01242	1.01242	0.186748	1.19364	1.19364	0.155194	1.21214	1.21214	0.658673	0.945325	-1.05784	0.974365	0.995944	-1.00407	0.172179	0.832108	-1.20177	0.0718122	0.775531	-1.28944	0.0358055	0.734238	-1.36196	0.392639	0.895154	-1.11713	2.15084	0.544903	0.225194	1
cg18863090	DAB1	0.147191	0.662454	0.879724	-1.13672	0.0597629	0.538083	-1.85845	0.732481	1.10528	1.10528	0.299095	1.36886	1.36886	0.512847	0.823966	-1.21364	0.549881	0.838197	-1.19304	0.0404624	0.50137	-1.99454	0.130713	0.621183	-1.60983	0.135093	1.59992	1.59992	2.15083	2.89935	1.19824	1
cg10652646	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.147193	0.138908	0.775998	-1.28866	0.940506	0.988187	-1.01195	0.346457	0.856966	-1.16691	0.0855583	0.73892	-1.35333	0.0801105	1.36223	1.36223	0.50391	1.11403	1.11403	0.0578832	0.7108	-1.40687	0.415572	1.14166	1.14166	0.667574	1.07121	1.07121	2.15081	0.863433	0.35684	1
cg08515713	BAD;BAD	0.147193	0.293761	0.773961	-1.29205	0.249344	0.753313	-1.32747	0.765396	1.07295	1.07295	0.924673	0.977995	-1.0225	0.556753	1.15009	1.15009	0.687851	1.09969	1.09969	0.0153011	0.49631	-2.01487	0.110589	1.50542	1.50542	0.272343	1.30842	1.30842	2.15081	1.8857	0.779325	1
cg27400070	DISP2	0.147199	0.215003	0.741881	-1.34793	0.229591	1.33425	1.33425	0.424032	1.20535	1.20535	0.228328	0.748838	-1.3354	0.18776	0.726642	-1.37619	0.0265955	0.548165	-1.82427	0.477593	1.1796	1.1796	0.105323	0.667117	-1.49899	0.976209	1.00684	1.00684	2.15077	1.78242	0.736656	1
cg03748042	MGMT	0.147201	0.0446716	0.276473	-3.61699	0.0967145	0.361673	-2.76493	0.268508	0.525815	-1.90181	0.139406	0.411819	-2.42825	0.107378	0.37525	-2.66489	0.121027	0.391512	-2.5542	0.0345726	0.252966	-3.95311	0.0472482	0.281894	-3.54743	0.290889	0.542635	-1.84286	2.15076	10.5968	4.37955	1
cg12103475	RIN1	0.147207	0.0612215	0.414908	-2.41017	0.733387	1.15326	1.15326	0.89665	1.0557	1.0557	0.175488	0.548351	-1.82365	0.598388	0.801174	-1.24817	0.300977	0.639559	-1.56358	0.00841176	0.245688	-4.0702	0.203019	0.570952	-1.75146	0.272007	0.620721	-1.61103	2.15072	5.92482	2.44872	1
cg19865561	MICB;MICB	0.14721	?	?	?	0.0625638	0.0382296	-26.1578	0.766972	1.49817	1.49817	0.693322	1.71684	1.71684	0.496997	2.58848	2.58848	?	?	?	0.722892	1.62417	1.62417	0.029662	67.9143	67.9143	0.976163	0.960294	-1.04135	3.07542	60.6527	11.2696	1
cg13262467	LRRIQ4	0.147215	0.902121	1.03316	1.03316	0.164436	1.48769	1.48769	0.470875	0.822855	-1.21528	0.815454	0.939882	-1.06396	?	?	?	0.839678	1.05518	1.05518	0.730187	0.912251	-1.09619	0.00767578	2.57548	2.57548	0.35191	1.29059	1.29059	2.27877	2.2074	0.847598	1
cg19736094	SRPX;SRPX;SRPX;SRPX	0.147219	0.115942	0.531636	-1.88098	0.340027	1.4385	1.4385	0.762499	1.11859	1.11859	0.0283531	2.60384	2.60384	0.659417	0.848744	-1.17821	0.167738	0.580603	-1.72235	0.157753	0.572052	-1.74809	0.496799	0.774827	-1.29061	0.317838	0.682637	-1.46491	2.15063	4.65716	1.92488	1
cg04610108	TBRG4;TBRG4;TBRG4	0.147221	0.989733	0.994207	-1.00583	0.969296	0.98277	-1.01753	0.426603	0.693129	-1.44273	0.477967	1.38507	1.38507	0.0282662	0.310535	-3.22025	0.701747	1.18975	1.18975	0.0564965	0.377213	-2.65102	0.13897	0.48718	-2.05263	0.050185	0.364888	-2.74057	2.15062	6.94438	2.87023	1
cg21613957	ZNF567	0.147221	0.011274	0.622007	-1.6077	0.261321	1.19152	1.19152	0.614974	1.07882	1.07882	0.281347	0.845789	-1.18233	0.0601182	0.728177	-1.37329	0.912495	0.983691	-1.01658	0.48806	0.899985	-1.11113	0.870465	1.02471	1.02471	0.545937	0.912638	-1.09573	2.15062	0.762151	0.31501	1
cg11784437	FANK1	0.147221	0.0823294	0.276682	-3.61426	0.0509842	0.2267	-4.41111	0.129626	0.335154	-2.9837	0.405924	0.566848	-1.76414	0.0302101	0.182424	-5.48174	0.445956	0.595299	-1.67983	0.0986926	0.29854	-3.34963	0.0568156	0.237112	-4.21741	0.121126	0.325586	-3.07139	2.15062	15.1822	6.27508	1
cg07568313	NOTCH2	0.147222	0.0937671	0.289576	-3.45332	0.914899	0.930638	-1.07453	0.300525	2.05742	2.05742	0.605187	0.704194	-1.42006	0.0182414	0.145568	-6.86965	0.691774	0.764929	-1.30731	0.185409	0.388918	-2.57123	0.140946	0.344759	-2.90058	0.0789637	0.269334	-3.71286	2.15061	15.404	6.36675	1
cg13567349	B3GAT1;B3GAT1	0.147222	0.546339	0.854429	-1.17037	0.326936	1.29796	1.29796	0.392112	1.25349	1.25349	0.717682	0.910678	-1.09808	0.00512773	0.38566	-2.59296	0.870312	0.958769	-1.043	0.872756	0.959538	-1.04217	0.6256	1.1351	1.1351	0.568201	1.16026	1.16026	2.15061	2.26185	0.934865	1
cg05955436	RRBP1;RRBP1	0.147223	0.183969	1.83873	1.83873	0.216701	1.75369	1.75369	0.460841	1.38326	1.38326	0.69569	1.18515	1.18515	0.219067	1.74813	1.74813	0.260662	1.66026	1.66026	0.0523217	2.5952	2.5952	0.00636236	4.64	4.64	0.403369	1.44704	1.44704	2.15061	6.36045	2.6289	1
cg21287597	GRTP1	0.147223	0.966682	0.992844	-1.00721	0.0164054	1.65585	1.65585	0.813546	1.04146	1.04146	0.488162	1.12873	1.12873	0.240619	1.2352	1.2352	0.952688	0.98985	-1.01025	0.0160195	1.66017	1.66017	0.812477	0.959961	-1.04171	0.816157	0.960748	-1.04086	2.15061	1.00697	0.416203	1
cg03887092	LOC285768;LOC285768	0.147225	0.571465	1.12158	1.12158	0.0351495	1.63619	1.63619	0.196786	1.31496	1.31496	0.66526	1.09127	1.09127	0.115525	1.40955	1.40955	0.912217	1.02237	1.02237	0.183947	1.32685	1.32685	0.153592	0.735984	-1.35873	0.170519	0.746142	-1.34023	2.15059	1.37111	0.566712	1
cg20143393	EVPL	0.147225	0.166846	0.526896	-1.89791	0.478165	0.730886	-1.3682	0.474521	1.37189	1.37189	0.858325	1.08078	1.08078	0.0141742	0.26827	-3.72758	0.0920003	0.446463	-2.23983	0.0651496	0.406493	-2.46007	0.342519	0.653663	-1.52984	0.300093	0.626975	-1.59496	2.15059	6.43768	2.66084	1
cg21960278	UTP15;ANKRA2;ANKRA2	0.147226	0.176514	0.826816	-1.20946	0.501619	1.09447	1.09447	0.25018	0.852954	-1.1724	0.115193	0.797163	-1.25445	0.879156	1.02034	1.02034	0.713043	0.952285	-1.05011	0.97592	0.996013	-1.004	0.0880988	1.28288	1.28288	0.0383123	1.37399	1.37399	2.15059	0.596693	0.246628	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03552342	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.147226	0.168332	2.02896	2.02896	0.0230299	3.70679	3.70679	0.11766	2.26816	2.26816	0.347302	1.59425	1.59425	0.73733	1.17613	1.17613	0.124251	2.23046	2.23046	0.0356738	3.24885	3.24885	0.112463	2.29979	2.29979	0.0911157	2.45196	2.45196	2.15058	7.91163	3.27007	1
cg27004195	CTNNA2;CTNNA2	0.147228	0.0845278	0.364322	-2.74483	0.0965025	0.380728	-2.62654	0.450035	0.665433	-1.50278	0.964007	1.02417	1.02417	0.0109861	0.184776	-5.41195	0.29517	0.562979	-1.77627	0.0679311	0.338928	-2.95048	0.847102	0.90289	-1.10756	0.246781	0.526811	-1.89822	2.15057	9.53843	3.9425	1
cg02919168	DEF6	0.147229	0.172192	1.99713	1.99713	0.0351474	3.21612	3.21612	0.374796	1.54284	1.54284	0.129293	0.458316	-2.1819	0.450154	1.44237	1.44237	0.966657	1.0201	1.0201	0.125864	2.19985	2.19985	0.0545296	2.82437	2.82437	0.979017	0.987559	-1.0126	2.15057	7.71766	3.18993	1
cg09310699	CARHSP1;CARHSP1	0.147232	0.513021	1.13871	1.13871	0.134554	1.37151	1.37151	0.63681	0.911078	-1.0976	0.0312946	0.609763	-1.63998	0.684857	0.923216	-1.08317	0.907761	1.02295	1.02295	0.0529764	0.650115	-1.53819	0.511898	0.877872	-1.13912	0.224216	1.28402	1.28402	2.15054	1.30583	0.539743	1
cg20178172	IER3;FLOT1	0.147236	0.423177	1.57949	1.57949	0.228675	2.02573	2.02573	0.932323	1.0486	1.0486	0.892772	0.92741	-1.07827	0.260076	1.92787	1.92787	0.165403	2.28579	2.28579	0.0118568	5.78545	5.78545	0.028347	4.24695	4.24695	0.974048	1.01834	1.01834	2.15052	10.634	4.39545	1
cg18577003	CYB5R4	0.147241	0.316367	0.864381	-1.1569	0.413551	0.889045	-1.1248	0.038784	1.40026	1.40026	0.888309	1.01997	1.01997	0.454094	0.898267	-1.11325	0.687869	1.05847	1.05847	0.0918697	1.29835	1.29835	0.0575364	0.739195	-1.35282	0.827513	1.03118	1.03118	2.15048	0.67419	0.278673	1
cg10983484	LYSMD2;LYSMD2	0.147242	0.159988	0.404213	-2.47394	0.561288	1.42533	1.42533	0.216374	2.19221	2.19221	0.679404	0.778224	-1.28498	0.176227	0.419978	-2.38108	0.0997544	0.336759	-2.96948	0.0281614	0.209281	-4.77827	0.115624	0.356309	-2.80656	0.325656	0.542083	-1.84474	2.15047	12.3986	5.12491	1
cg20154206	SFT2D3	0.147242	0.0644232	2.78675	2.78675	0.249492	1.81072	1.81072	0.274708	1.75177	1.75177	0.515618	1.38429	1.38429	0.0469454	3.07061	3.07061	0.193295	1.97209	1.97209	0.0726586	2.6856	2.6856	0.0195837	4.02065	4.02065	0.133049	2.22437	2.22437	2.15047	8.28819	3.42589	1
cg27096172	PTPRN2;PTPRN2;PTPRN2	0.147243	0.882001	0.93561	-1.06882	0.917936	1.04727	1.04727	0.0681234	0.400363	-2.49773	0.585107	1.28023	1.28023	0.582262	0.77962	-1.28268	0.0940895	0.438306	-2.28151	0.0371073	0.338054	-2.95811	0.426755	1.43854	1.43854	0.0498839	0.367077	-2.72423	2.15046	6.83882	2.82681	1
cg15383386	IDH3B;IDH3B;IDH3B	0.147246	0.955853	1.02016	1.02016	0.597872	0.825353	-1.2116	0.213795	0.623733	-1.60325	0.338806	1.42695	1.42695	0.00736867	0.287856	-3.47395	?	?	?	0.216479	0.625632	-1.59838	0.80205	0.9134	-1.09481	0.481203	0.772457	-1.29457	2.16794	3.96868	1.83062	1
cg23516560	CACNA2D3	0.147246	0.0951169	0.325813	-3.06924	0.00873318	0.129639	-7.71374	0.170511	0.409616	-2.44131	0.948534	0.961296	-1.04026	0.0708968	0.291136	-3.43482	0.734697	0.812209	-1.23121	0.384922	0.579996	-1.72415	0.187415	0.425552	-2.34989	0.947311	0.960392	-1.04124	2.15045	12.7355	5.26423	1
cg16939187	IQCE;IQCE	0.147246	0.167568	0.387904	-2.57795	0.838591	1.14031	1.14031	0.329587	0.523232	-1.9112	0.452517	0.610977	-1.63672	0.0200262	0.164184	-6.09072	0.314453	0.511868	-1.95363	0.0150885	0.146227	-6.83869	0.654158	0.74804	-1.33683	0.161147	0.381572	-2.62074	2.15045	14.1152	5.83454	1
cg21117668	BOK;BOK	0.147248	0.88812	1.05401	1.05401	0.0377543	2.46083	2.46083	0.77589	1.11256	1.11256	0.907592	1.04435	1.04435	0.0289346	0.381951	-2.61814	0.107969	0.51921	-1.926	0.519603	1.27629	1.27629	0.773073	0.897581	-1.11411	0.627217	1.20069	1.20069	2.15043	4.75672	1.9662	1
cg18230493	C5orf35	0.147248	0.0311145	0.174285	-5.73773	0.390491	0.544653	-1.83603	0.156931	0.351559	-2.84447	0.0712778	0.248792	-4.01942	0.465893	0.599047	-1.66932	0.530347	0.644725	-1.55105	0.0670675	0.242359	-4.12612	0.2015	2.53811	2.53811	0.200717	0.393285	-2.54268	2.15043	16.2401	6.71288	1
cg21787989	LGALS8;LGALS8	0.147249	0.964026	0.961986	-1.03952	0.908423	0.905852	-1.10393	0.275163	0.376976	-2.65269	0.8865	1.13057	1.13057	0.013031	0.0708573	-14.1129	0.30768	2.47779	2.47779	0.590037	1.59583	1.59583	0.816637	1.2209	1.2209	0.0446452	0.137927	-7.25021	2.15043	25.1483	10.3952	1
cg04112431	PWP1;PWP1	0.147249	0.858679	0.959198	-1.04254	0.0184081	1.95121	1.95121	0.732267	0.922871	-1.08358	0.0946309	1.53634	1.53634	0.46136	0.839225	-1.19158	0.126221	1.47211	1.47211	0.306285	0.780693	-1.28091	0.735247	0.923734	-1.08256	0.249444	1.32491	1.32491	2.15042	1.86066	0.769113	1
cg10530613	TRIT1	0.147251	0.505431	0.74484	-1.34257	0.764244	1.14011	1.14011	0.402093	0.688089	-1.4533	0.678003	1.19963	1.19963	0.00887243	0.23412	-4.27131	0.228254	0.576202	-1.7355	0.777229	0.883683	-1.13163	0.266282	1.6569	1.6569	0.113377	0.471868	-2.11924	2.15041	6.4724	2.67542	1
cg22994649	PTPRN2;PTPRN2;PTPRN2	0.147259	0.911985	1.04445	1.04445	0.0242393	2.87635	2.87635	0.112971	1.97092	1.97092	0.836906	1.08445	1.08445	0.0925446	0.482842	-2.07107	0.127136	1.91338	1.91338	0.367764	1.43889	1.43889	0.394813	1.40885	1.40885	0.625872	0.824278	-1.21318	2.15035	5.26819	2.1777	1
cg25611736	KIF26A	0.147259	0.659424	1.11485	1.11485	0.214599	0.725946	-1.37751	0.318726	0.77676	-1.2874	0.521662	1.1726	1.1726	0.0432561	0.565539	-1.76822	0.0354354	1.82279	1.82279	0.815989	0.944457	-1.05881	0.239785	1.35223	1.35223	0.957813	1.01305	1.01305	2.15035	2.04673	0.846053	1
cg21554771	DNAJB2;DNAJB2	0.14726	0.535799	1.35571	1.35571	0.717786	1.19263	1.19263	0.8688	1.08354	1.08354	0.0661076	2.71979	2.71979	0.102623	2.37937	2.37937	0.256202	1.77754	1.77754	0.0824089	2.54412	2.54412	0.022443	3.77077	3.77077	0.0428454	3.09978	3.09978	2.15035	8.02263	3.31631	1
cg09645130	C22orf13;SNRPD3	0.14726	0.343852	0.858331	-1.16505	0.18269	1.248	1.248	0.00872331	1.68799	1.68799	0.69196	1.06438	1.06438	0.806733	1.03915	1.03915	0.710027	1.06026	1.06026	0.338838	0.85688	-1.16702	0.430302	1.13442	1.13442	0.150636	1.27296	1.27296	2.15035	0.835917	0.345542	1
cg26749976	C6orf25;C6orf25;C6orf25;C6orf25;C6orf25;C6orf25	0.147263	0.579229	1.30119	1.30119	0.557197	1.32188	1.32188	0.145487	0.479654	-2.08484	0.522782	1.35587	1.35587	0.078892	0.399654	-2.50216	0.667808	1.22499	1.22499	0.0146269	0.243387	-4.10869	0.859533	1.08683	1.08683	0.272773	0.584777	-1.71005	2.15033	7.52443	3.1104	1
cg00568027	NUP133;NUP133	0.147266	0.0133676	0.786995	-1.27066	0.408063	0.935989	-1.06839	0.459018	0.942763	-1.06071	0.851553	0.985462	-1.01475	0.202911	0.900254	-1.1108	0.384037	1.07227	1.07227	0.0283909	0.816888	-1.22416	0.90919	0.99112	-1.00896	0.424122	0.938179	-1.06589	2.1503	0.208121	0.0860328	1
cg00307737	GPR37	0.147266	0.585314	0.637063	-1.5697	0.674113	1.41355	1.41355	0.753496	1.29408	1.29408	0.280466	2.50443	2.50443	0.202469	0.332482	-3.00769	0.083321	4.80076	4.80076	0.0146055	11.7159	11.7159	0.324501	2.29936	2.29936	0.192117	3.09523	3.09523	2.1503	22.8062	9.42759	1
cg09249637	PQLC3	0.147268	0.981686	1.00162	1.00162	0.880216	0.989409	-1.0107	0.566424	0.959907	-1.04177	0.434055	0.945199	-1.05798	0.17011	0.901977	-1.10868	0.00867197	1.26646	1.26646	0.170447	1.10857	1.10857	0.830056	0.984938	-1.01529	0.822359	1.016	1.016	2.15029	0.169781	0.0701841	1
cg23596233	B3GAT1;B3GAT1	0.147269	0.134151	1.30596	1.30596	0.226547	1.23346	1.23346	0.0359383	1.49668	1.49668	0.470671	1.12893	1.12893	0.603748	1.09038	1.09038	0.947897	1.01086	1.01086	0.0521014	0.69411	-1.44069	0.439789	0.877918	-1.13906	0.312622	1.18839	1.18839	2.15028	0.929998	0.384445	1
cg24562682	ZC3H3	0.14727	0.201346	0.713152	-1.40223	0.0378206	0.546944	-1.82834	0.0310525	0.530374	-1.88546	0.70964	0.910552	-1.09823	0.0244712	0.510937	-1.95719	0.484534	0.836967	-1.19479	0.11404	0.65005	-1.53834	0.452664	0.825574	-1.21128	0.247046	0.738421	-1.35424	2.15028	2.1376	0.883648	1
cg25192419	DOCK5;DOCK5	0.147271	0.32244	0.78856	-1.26813	0.664379	1.10678	1.10678	0.0660782	1.61475	1.61475	0.702397	0.914642	-1.09332	0.195269	0.727337	-1.37488	0.555062	1.14883	1.14883	0.0401237	0.576249	-1.73536	0.212218	1.35715	1.35715	0.300677	1.28306	1.28306	2.15027	1.8395	0.760422	1
cg10197405	PRSS8	0.147273	0.0574445	0.592353	-1.68818	0.0871503	0.631096	-1.58454	0.211062	0.725346	-1.37865	0.85652	1.04509	1.04509	0.818991	0.945673	-1.05745	0.503434	1.17995	1.17995	0.0275768	0.529982	-1.88686	0.0751927	0.617052	-1.62061	0.292319	0.766254	-1.30505	2.15026	2.02234	0.83601	1
cg26797676	FLOT1	0.147276	0.0292861	0.373512	-2.67729	0.98966	0.995042	-1.00498	0.645364	0.837175	-1.19449	0.188174	0.585783	-1.70712	0.41939	1.3722	1.3722	0.264817	0.640371	-1.56159	0.02487	0.359139	-2.78444	0.923408	0.963791	-1.03757	0.0975198	0.497926	-2.00833	2.15023	5.00896	2.07066	1
cg00686451	MAP3K14	0.147277	0.863104	0.952924	-1.0494	0.0303872	2.03609	2.03609	0.126765	1.58643	1.58643	0.211515	1.44451	1.44451	0.0509791	1.86103	1.86103	0.460222	0.810521	-1.23377	0.0816761	1.7145	1.7145	0.912114	1.03133	1.03133	0.707212	0.89994	-1.11118	2.15023	2.65861	1.09905	1
cg13579960	DUSP7	0.147278	0.0569246	2.73164	2.73164	0.616696	1.26003	1.26003	0.183289	1.919	1.919	0.169274	1.96687	1.96687	0.0655679	0.381894	-2.61853	0.187307	0.524632	-1.9061	0.395932	0.670901	-1.49053	0.615365	1.26116	1.26116	0.649037	0.810738	-1.23344	2.26192	7.3385	2.5234	1
cg12753851	ZNF684	0.14728	0.97642	1.01363	1.01363	0.0431713	2.90255	2.90255	0.0332877	3.12569	3.12569	0.119471	2.16826	2.16826	0.384032	1.50511	1.50511	0.184844	1.90446	1.90446	0.160259	0.502985	-1.98813	0.393828	1.49197	1.49197	0.450231	1.4225	1.4225	2.15021	7.1457	2.954	1
cg06124285	GJA5;GJA5	0.147285	0.665239	1.15035	1.15035	0.486281	0.796439	-1.25559	0.0211643	0.409945	-2.43935	0.172804	1.59484	1.59484	0.747952	1.1093	1.1093	0.392016	0.754165	-1.32597	0.041301	0.468937	-2.13248	0.291424	0.70313	-1.42221	0.984161	1.00641	1.00641	2.15018	3.52505	1.45727	1
cg21999229	LTA;LTA;LTA	0.147286	0.951559	1.03298	1.03298	0.504891	0.696728	-1.43528	0.00944	0.172567	-5.79484	0.569996	0.735946	-1.3588	0.0327681	0.26344	-3.79594	0.12541	0.412402	-2.42482	0.438674	0.655832	-1.52478	0.827575	1.12355	1.12355	0.793034	0.868985	-1.15077	2.15017	9.71268	4.01526	1
cg15359321	THRB;THRB;THRB	0.147287	0.375428	0.736272	-1.35819	0.160342	0.603638	-1.65662	0.00982852	0.333426	-2.99916	0.714448	0.883666	-1.13165	0.209517	0.640734	-1.56071	0.886035	0.952881	-1.04945	0.594646	0.834642	-1.19812	0.121718	1.75877	1.75877	0.786077	0.912508	-1.09588	2.15016	3.85723	1.5946	1
cg03344384	ZDHHC14;ZDHHC14	0.147287	0.145951	0.544447	-1.83673	0.205095	0.594079	-1.68328	0.266162	0.636816	-1.57031	0.371293	0.699384	-1.42983	0.174923	0.570096	-1.75409	0.752504	0.884073	-1.13113	0.0195246	3.00226	3.00226	0.559312	1.25856	1.25856	0.892211	1.05423	1.05423	2.15016	5.16608	2.13569	1
cg21955549	MTFMT	0.147289	0.116274	0.456758	-2.18934	0.141829	0.484251	-2.06504	0.149578	0.491965	-2.03267	0.699323	0.83679	-1.19504	0.0425785	0.342346	-2.92102	0.232204	0.562582	-1.77752	0.0133038	0.244594	-4.08841	0.929348	0.960104	-1.04155	0.200505	0.537524	-1.86038	2.15015	7.1777	2.96732	1
cg25417298	CLASP1;CLASP1;CLASP1	0.14729	0.940792	0.98873	-1.0114	0.549149	1.09689	1.09689	0.956196	0.991654	-1.00842	0.366498	0.86801	-1.15206	0.0441468	0.702709	-1.42306	0.0175036	0.643249	-1.55461	0.0474132	0.707478	-1.41347	0.938584	0.988311	-1.01183	0.769602	0.956177	-1.04583	2.15014	0.792744	0.327728	1
cg26634707	ZBTB45;ZBTB45	0.147291	0.113777	2.12276	2.12276	0.663819	1.21084	1.21084	0.67238	1.20452	1.20452	0.397373	1.46098	1.46098	0.453463	0.715996	-1.39666	0.0484807	2.68091	2.68091	0.191934	0.546463	-1.82995	0.0564023	0.388664	-2.57292	0.749522	0.869245	-1.15042	2.15013	6.51713	2.69425	1
cg02661007	NUP133	0.147294	0.848493	0.883713	-1.13159	0.618646	0.722991	-1.38314	0.49403	0.63832	-1.56661	0.600987	1.40646	1.40646	0.0184097	0.157475	-6.35023	0.17675	0.395287	-2.52981	0.0331879	0.20002	-4.9995	0.690539	1.2952	1.2952	0.0993131	0.311053	-3.21489	2.15011	14.2272	5.88174	1
cg20060216	DPP6;DPP6;DPP6	0.147296	0.623222	1.12122	1.12122	0.608486	0.887474	-1.12679	0.273083	0.768315	-1.30155	0.750532	0.928949	-1.07649	0.328147	1.26265	1.26265	0.209635	1.35733	1.35733	0.00614202	2.28434	2.28434	0.985444	0.995794	-1.00422	0.955482	1.01298	1.01298	2.1501	1.81801	0.751598	1
cg09014354	NEUROD4;NEUROD4	0.147297	0.213204	0.68958	-1.45016	0.215286	1.44746	1.44746	0.0358953	1.99788	1.99788	0.136605	0.634644	-1.57569	0.226818	0.697833	-1.43301	0.229736	0.699559	-1.42947	0.260643	0.717024	-1.39465	0.927111	1.02628	1.02628	0.70287	1.11479	1.11479	2.15009	2.73744	1.13171	1
cg13380502	GPR3	0.147298	0.639472	0.823654	-1.2141	0.0158808	3.36889	3.36889	0.38629	1.4408	1.4408	0.183712	1.78596	1.78596	0.357757	0.677808	-1.47534	0.243458	1.65177	1.65177	0.315704	0.652743	-1.532	0.275145	0.626969	-1.59497	0.647428	0.827502	-1.20846	2.15008	5.75774	2.38037	1
cg19237294	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.147304	0.980954	1.00579	1.00579	0.036959	0.556737	-1.79618	0.0396034	0.56255	-1.77762	0.409861	0.815678	-1.22597	0.813902	1.05866	1.05866	0.813632	0.944513	-1.05875	0.189755	0.714808	-1.39898	0.140556	1.46699	1.46699	0.405417	1.22846	1.22846	2.15005	1.98975	0.822618	1
cg21111812	ZNF836	0.147313	0.629223	1.23011	1.23011	0.497982	1.34026	1.34026	0.447288	1.39058	1.39058	0.274195	1.62311	1.62311	0.635044	0.815837	-1.22573	0.0232165	0.315042	-3.17418	0.0413956	0.367377	-2.722	0.457907	1.37958	1.37958	0.695613	1.1822	1.1822	2.14998	6.17044	2.55111	1
cg02434381	VMAC;NDUFA11	0.147314	0.78191	0.972242	-1.02855	0.0233777	1.31628	1.31628	0.094245	1.20517	1.20517	0.94821	1.00661	1.00661	0.168482	1.16051	1.16051	0.839929	1.02073	1.02073	0.095981	0.830725	-1.20377	0.483341	0.930286	-1.07494	0.500484	1.07183	1.07183	2.14997	0.350397	0.144869	1
cg03389525	RBPMS;RBPMS;RBPMS;RBPMS	0.14732	0.0834054	0.342977	-2.91564	0.222394	0.488691	-2.04628	0.309955	0.556181	-1.79798	0.0992249	0.364532	-2.74324	0.0181686	0.201587	-4.96064	0.992482	0.994753	-1.00527	0.0489998	0.285067	-3.50794	0.689323	1.25156	1.25156	0.378435	0.603751	-1.65631	2.14994	10.6166	4.38943	1
cg09456760	RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B	0.147322	0.0963857	0.710429	-1.4076	0.566029	1.11477	1.11477	0.340873	0.832092	-1.20179	0.288658	0.8136	-1.22911	0.0233552	0.602029	-1.66105	0.0425833	0.64581	-1.54844	0.321046	1.21168	1.21168	0.78384	0.949806	-1.05285	0.580172	0.900655	-1.1103	2.14992	1.19423	0.493758	1
cg17939434	CIAO1;TMEM127	0.147323	0.250267	0.810659	-1.23356	0.218708	1.2536	1.2536	0.685509	0.93134	-1.07372	0.118064	0.743411	-1.34515	0.247693	1.23511	1.23511	0.65612	0.924686	-1.08145	0.485536	1.13181	1.13181	0.971153	1.00634	1.00634	0.0175792	1.65661	1.65661	2.14991	1.03939	0.429742	1
cg00035268	C6orf124	0.147324	0.168914	0.410826	-2.43412	0.48401	1.53981	1.53981	0.485901	1.53685	1.53685	0.71526	1.24902	1.24902	0.0793863	0.306713	-3.26038	0.959314	1.03145	1.03145	0.098446	0.332919	-3.00373	0.0384458	4.2868	4.2868	0.54118	0.687006	-1.45559	2.1499	12.5418	5.18549	1
cg19327414	PNLDC1	0.147326	0.357131	0.745315	-1.34172	0.23916	1.4661	1.4661	0.940517	1.02343	1.02343	0.0847736	1.80697	1.80697	0.968162	1.01247	1.01247	0.814279	1.07577	1.07577	0.0145811	0.393083	-2.54399	0.764509	1.09773	1.09773	0.292217	0.712351	-1.4038	2.14989	3.28022	1.35624	1
cg02703598	TEAD1	0.147332	0.0749129	0.377084	-2.65193	0.594065	0.767594	-1.30277	0.113138	0.428373	-2.33441	0.800215	0.882776	-1.13279	0.159208	0.477241	-2.09538	0.777685	0.870075	-1.14933	0.011685	0.212405	-4.70799	0.662748	1.24081	1.24081	0.109395	0.423899	-2.35905	2.14985	8.23149	3.40344	1
cg26075150	DLX6AS	0.147335	0.340237	0.544529	-1.83645	0.46483	1.58415	1.58415	0.623203	1.35832	1.35832	0.537328	1.4715	1.4715	0.0193325	5.75131	5.75131	0.566937	1.43035	1.43035	0.173434	2.44914	2.44914	0.0198539	5.69175	5.69175	0.927863	1.0576	1.0576	2.14983	13.0221	5.38422	1
cg25387685	PTPRN2;PTPRN2;PTPRN2	0.147335	0.500811	1.21586	1.21586	0.140693	0.635545	-1.57345	0.243301	0.705239	-1.41796	0.697569	1.11818	1.11818	0.0921454	1.69939	1.69939	0.746722	0.911476	-1.09712	0.610698	1.15818	1.15818	0.0927889	1.69726	1.69726	0.0397045	1.97439	1.97439	2.14983	2.78568	1.15179	1
cg01141580	TBX2	0.147336	0.286526	1.20939	1.20939	0.0118209	1.71595	1.71595	0.619664	1.08975	1.08975	0.0479813	1.47451	1.47451	0.431582	1.14784	1.14784	0.258571	1.22445	1.22445	0.234807	1.23851	1.23851	0.0428663	1.49235	1.49235	0.265456	1.2206	1.2206	2.14982	1.00468	0.415405	1
cg01793387	KIAA1967;C8orf58;KIAA1967	0.147337	0.875194	1.0334	1.0334	0.0157586	1.85588	1.85588	0.947257	0.986269	-1.01392	0.232735	0.769873	-1.29892	0.862526	0.964425	-1.03689	0.585949	1.12182	1.12182	0.0390176	1.6476	1.6476	0.175627	1.35119	1.35119	0.824	1.04765	1.04765	2.14981	1.48723	0.614929	1
cg25520679	HIC1;HIC1	0.147337	0.128911	3.80814	3.80814	0.0451526	6.50705	6.50705	0.302335	2.38858	2.38858	0.122623	3.90872	3.90872	0.529212	1.68108	1.68108	0.120325	3.94736	3.94736	0.298743	2.40527	2.40527	0.0145777	11.6061	11.6061	0.0955221	4.44693	4.44693	2.14981	22.6086	9.34804	1
cg15534482	ADCK1;ADCK1	0.147339	0.439401	0.878695	-1.13805	0.431021	0.876519	-1.14088	0.431379	1.14076	1.14076	0.225796	1.23194	1.23194	0.0902776	0.736301	-1.35814	0.209905	0.805181	-1.24196	0.117018	1.3221	1.3221	0.0552361	0.700211	-1.42814	0.560422	1.10135	1.10135	2.1498	0.915582	0.37857	1
cg26476852	HOXA9	0.147344	0.11338	5.26819	5.26819	0.928035	0.916559	-1.09104	0.0320082	11.2819	11.2819	0.767715	1.33067	1.33067	0.0472121	8.93609	8.93609	0.629811	0.625987	-1.59748	0.465295	0.488353	-2.0477	0.0655526	7.34047	7.34047	0.929595	1.08897	1.08897	2.14976	31.6736	13.0965	1
cg04543413	BCAT1	0.147345	0.947532	0.991787	-1.00828	0.51863	0.921278	-1.08545	0.54079	0.925348	-1.08067	0.329533	1.13438	1.13438	0.434574	1.10506	1.10506	0.447301	0.907509	-1.10192	0.0416977	0.745132	-1.34204	0.220416	1.1752	1.1752	0.0332697	1.36587	1.36587	2.14976	0.53459	0.221044	1
cg18109665	SRGAP3;SRGAP3	0.147345	0.784426	0.794418	-1.25878	0.0994822	4.55154	4.55154	0.0622254	5.82314	5.82314	0.308865	2.4204	2.4204	0.0327165	0.122801	-8.14325	0.344434	2.2645	2.2645	0.461414	1.87632	1.87632	0.995115	0.994875	-1.00515	0.55362	0.604767	-1.65353	2.14976	23.9841	9.91702	1
cg21557231	MCF2;MCF2	0.147347	0.0394254	0.407202	-2.45579	0.327811	0.683257	-1.46358	0.243632	1.58411	1.58411	0.948799	1.02451	1.02451	0.0624593	0.453539	-2.20488	0.123358	0.532921	-1.87645	0.132466	0.54217	-1.84444	0.632842	0.834027	-1.199	0.362772	1.42292	1.42292	2.14974	4.84115	2.00175	1
cg11300809	SGPP2	0.147349	0.491287	1.34298	1.34298	0.212291	1.74054	1.74054	0.900098	1.05441	1.05441	0.642017	0.820788	-1.21834	0.290159	1.58899	1.58899	0.0761369	2.29898	2.29898	0.00783398	4.21904	4.21904	0.134564	1.97502	1.97502	0.881721	1.06482	1.06482	2.14973	6.05849	2.50512	1
cg15819717	HOXC9	0.147351	0.140865	2.86109	2.86109	0.166822	2.65972	2.65972	0.847755	0.880239	-1.13605	0.275813	0.471241	-2.12205	0.0416448	0.210404	-4.75277	0.459331	0.606513	-1.64877	0.0658794	0.254206	-3.93382	0.378361	0.548896	-1.82184	0.756993	1.22875	1.22875	2.14971	14.9966	6.20098	1
cg05753046	NDUFS8	0.147352	0.0691393	0.277392	-3.605	0.298586	0.50692	-1.9727	0.81196	0.860466	-1.16216	0.213209	0.437535	-2.28553	0.0232411	0.180765	-5.53204	0.14671	0.374489	-2.67031	0.0204262	0.171727	-5.8232	0.294869	0.504072	-1.98384	0.259515	0.476295	-2.09954	2.14971	13.5378	5.59777	1
cg00444261	PNMA2	0.147353	0.222413	0.658879	-1.51773	0.409682	0.760069	-1.31567	0.663141	0.867096	-1.15328	0.478967	1.26388	1.26388	0.60333	0.843183	-1.18598	0.00574509	0.307911	-3.24769	0.929912	0.971782	-1.02904	0.312007	1.40538	1.40538	0.790538	1.09048	1.09048	2.1497	3.60448	1.49043	1
cg04644817	BMS1P1;BMS1P5	0.147354	0.625855	0.873268	-1.14512	0.00822137	0.393618	-2.54053	0.237967	0.711125	-1.40622	0.0442502	0.528709	-1.8914	0.918785	0.972264	-1.02853	0.519407	0.835172	-1.19736	0.436522	1.24472	1.24472	0.483516	0.821701	-1.21699	0.435486	0.80298	-1.24536	2.1497	2.5895	1.07074	1
cg13419986	TNS1	0.147354	0.0411779	0.534232	-1.87185	0.0885838	0.606542	-1.64869	0.0613221	0.570585	-1.75259	0.277137	0.740215	-1.35096	0.077971	0.593776	-1.68414	0.375334	0.784936	-1.27399	0.0878567	0.605708	-1.65096	0.36781	1.27916	1.27916	0.515652	0.839098	-1.19176	2.1497	2.41154	0.997159	1
cg26035542	PVRL4	0.147354	0.217252	0.444455	-2.24995	0.622105	0.733208	-1.36387	0.0595389	0.264902	-3.77498	0.109585	0.336326	-2.9733	0.010508	0.133815	-7.47301	0.181431	0.412229	-2.42584	0.265482	0.484394	-2.06443	0.191854	0.421884	-2.37032	0.108739	0.335295	-2.98245	2.1497	13.2847	5.49316	1
cg02345886	GALNT3	0.147354	0.847827	0.934921	-1.06961	0.267557	0.667264	-1.49866	0.0684034	0.489354	-2.04351	0.163071	0.593621	-1.68458	0.0155642	0.35375	-2.82685	0.907956	1.04135	1.04135	0.190145	0.615057	-1.62587	0.238851	1.5405	1.5405	0.645209	0.850101	-1.17633	2.14969	4.1775	1.72738	1
cg01404873	DLEU2	0.147358	0.999023	1.00031	1.00031	0.831394	0.946661	-1.05634	0.771804	0.927967	-1.07762	0.307337	1.31215	1.31215	0.346086	0.779228	-1.28332	0.0789359	1.65125	1.65125	0.0100565	2.30511	2.30511	0.18568	1.43444	1.43444	0.504701	1.19009	1.19009	2.14967	2.25015	0.930436	1
cg19770550	UBTD1;MMS19;MMS19	0.147359	0.14053	1.65314	1.65314	0.537727	1.21877	1.21877	0.0670043	0.521544	-1.91738	0.5916	0.842216	-1.18734	0.268841	0.694105	-1.4407	0.663932	1.14867	1.14867	0.913729	0.966224	-1.03496	0.0179387	0.401744	-2.48915	0.901367	1.04009	1.04009	2.14966	3.42253	1.41522	1
cg08388111	DDIT4	0.147361	0.973329	1.00757	1.00757	0.273228	0.773291	-1.29317	0.548441	1.14673	1.14673	0.669595	0.907754	-1.10162	0.951457	1.01382	1.01382	0.41947	0.830281	-1.20441	0.00721944	0.457623	-2.1852	0.493588	1.16971	1.16971	0.198034	1.35899	1.35899	2.14965	1.73081	0.715695	1
cg03044735	SGSM1;SGSM1;SGSM1;SGSM1	0.147364	0.055578	0.63501	-1.57478	0.901326	1.02631	1.02631	0.426111	1.18544	1.18544	0.244286	0.774927	-1.29044	0.310711	0.80287	-1.24553	0.266789	0.784908	-1.27403	0.0146774	0.533205	-1.87545	0.213492	0.760169	-1.3155	0.603155	1.11604	1.11604	2.14963	1.49182	0.616878	1
cg21086891	C3orf59	0.147368	0.319378	0.873147	-1.14528	0.108773	0.794069	-1.25934	0.66186	1.05973	1.05973	0.939468	1.01006	1.01006	0.203387	1.19362	1.19362	0.915785	1.01404	1.01404	0.0242961	0.701926	-1.42465	0.131227	1.23963	1.23963	0.387859	0.889876	-1.12375	2.1496	0.591637	0.24465	1
cg14319160	TRIM39;HCG18;HCG18;TRIM39	0.147375	0.582212	0.895326	-1.11691	0.198365	1.31062	1.31062	0.0737958	1.48673	1.48673	0.445088	0.856495	-1.16755	0.501027	0.872925	-1.14557	0.683649	0.921709	-1.08494	0.0220028	0.578878	-1.72748	0.381319	1.19564	1.19564	0.377243	0.835022	-1.19757	2.14955	1.34809	0.557465	1
cg20147400	KIF13B	0.147376	0.563461	0.898133	-1.11342	0.340393	0.834658	-1.1981	0.388534	0.849966	-1.17652	0.701869	0.931695	-1.07331	0.153334	0.754841	-1.32478	0.580431	1.10816	1.10816	0.015768	1.72318	1.72318	?	?	?	0.327339	1.20442	1.20442	2.16701	1.03225	0.476349	1
cg00118229	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.147379	0.498934	0.789991	-1.26584	0.326635	0.706246	-1.41594	0.126946	0.56727	-1.76283	0.678641	1.15383	1.15383	0.011513	0.337762	-2.96067	0.21509	1.56542	1.56542	0.95325	1.02034	1.02034	0.153809	0.59191	-1.68945	0.395905	0.741869	-1.34795	2.14952	4.01525	1.66042	1
cg22952828	TSPAN31	0.147379	0.535667	0.828451	-1.20707	0.0695413	1.83875	1.83875	0.00758164	2.80244	2.80244	0.813774	0.931646	-1.07337	0.828171	1.06739	1.06739	0.458486	0.797319	-1.2542	0.925605	0.972366	-1.02842	0.721866	0.898306	-1.11321	0.77387	1.09028	1.09028	2.14952	3.06488	1.26741	1
cg13579295	ANAPC2	0.147381	0.276254	0.635616	-1.57328	0.480786	1.33211	1.33211	0.717908	1.15623	1.15623	0.890772	1.05652	1.05652	0.0827451	0.463566	-2.15719	0.164219	0.552175	-1.81102	0.00891043	0.26407	-3.78687	0.889131	0.945718	-1.0574	0.980058	0.990049	-1.01005	2.14951	5.45055	2.25397	1
cg27230038	EHD3	0.147383	0.75524	0.954714	-1.04743	0.731559	1.05236	1.05236	0.63967	0.932508	-1.07238	0.974315	0.99524	-1.00478	0.879048	0.977685	-1.02282	0.469788	1.11514	1.11514	0.0038046	0.560788	-1.7832	0.595294	0.923625	-1.08269	0.467282	1.11585	1.11585	2.1495	0.747671	0.309187	1
cg05428452	HLA-DQA2	0.147387	0.0502723	0.242613	-4.12179	0.629202	1.36175	1.36175	0.126314	0.350064	-2.85662	0.601049	1.39769	1.39769	0.602602	0.716507	-1.39566	0.548849	0.680478	-1.46956	0.205175	0.428135	-2.33571	0.0141943	0.146592	-6.82165	0.733426	1.24228	1.24228	2.14947	13.7107	5.6699	1
cg03027800	DNAH2	0.147388	0.0660549	1.66622	1.66622	0.269446	0.7522	-1.32943	0.956774	1.01351	1.01351	0.895217	0.9679	-1.03316	0.624996	1.12972	1.12972	0.11558	1.52737	1.52737	0.0147259	2.10287	2.10287	0.378426	1.25076	1.25076	0.69923	0.908348	-1.1009	2.14946	2.08704	0.863075	1
cg22579828	GTSF1L;GTSF1L	0.14739	0.123907	0.482809	-2.07121	0.0158101	0.274718	-3.64009	0.0737893	0.418569	-2.38909	0.710177	0.849488	-1.17718	0.106636	0.46308	-2.15945	0.340134	0.65077	-1.53664	0.0709082	0.414049	-2.41517	0.0943804	0.447744	-2.23342	0.599296	0.793198	-1.26072	2.14945	6.50074	2.68833	1
cg01875529	ANKRD11	0.147395	0.634014	1.18316	1.18316	0.0540883	2.15258	2.15258	0.00867323	3.23226	3.23226	0.081547	1.96793	1.96793	0.200316	1.60703	1.60703	0.807476	1.08939	1.08939	0.226747	1.56057	1.56057	0.378424	1.37287	1.37287	0.799201	1.09351	1.09351	2.14941	4.18623	1.73121	1
cg10178960	C16orf57;ZNF319	0.147396	0.407534	0.770981	-1.29705	0.567481	0.837427	-1.19413	0.638129	1.15654	1.15654	0.676225	0.879029	-1.13762	0.256568	0.695209	-1.43842	0.613273	0.855167	-1.16936	0.0103523	0.371032	-2.69518	0.0279713	0.450621	-2.21916	0.187862	0.651526	-1.53486	2.14941	3.20832	1.3268	1
cg18027683	CYR61	0.147396	0.177858	0.447867	-2.23281	0.0187554	0.202348	-4.94198	0.0222511	0.214979	-4.65162	0.405158	0.620134	-1.61256	0.197305	0.465515	-2.14816	0.639249	0.767309	-1.30326	0.140319	0.410661	-2.4351	0.668523	1.27335	1.27335	0.776675	0.852533	-1.17297	2.14941	10.7141	4.43082	1
cg07035602	LPCAT1	0.147402	0.628641	1.33485	1.33485	0.0362443	4.23349	4.23349	0.0475753	3.82997	3.82997	0.158747	2.44176	2.44176	0.232607	0.47625	-2.09974	0.0853631	3.0867	3.0867	0.479131	1.5317	1.5317	0.789822	0.853578	-1.17154	0.741833	0.822084	-1.21642	2.14937	11.9556	4.94434	1
cg26835312	IL28RA;IL28RA;IL28RA	0.147402	0.238007	0.604398	-1.65454	0.449912	1.3684	1.3684	0.0915837	2.13142	2.13142	0.223678	1.68336	1.68336	0.129009	0.512594	-1.95086	0.495191	1.32597	1.32597	0.0456231	0.393103	-2.54386	0.367889	0.686062	-1.45759	0.898301	0.949244	-1.05347	2.14936	5.64931	2.33632	1
cg00973397	ATP8B4	0.147405	0.00544172	0.426789	-2.34308	0.580737	0.878196	-1.1387	0.173223	0.713608	-1.40133	0.160287	0.705206	-1.41802	0.299204	0.778399	-1.28469	0.428211	0.828348	-1.20722	0.833813	1.05013	1.05013	0.759801	0.931089	-1.07401	0.116326	0.672112	-1.48785	2.14934	1.84537	0.763178	1
cg16878652	GPS1;GPS1;GPS1;RFNG	0.147405	0.743133	0.921256	-1.08547	0.655109	0.893925	-1.11866	0.757017	1.08048	1.08048	0.0883564	0.625655	-1.59833	0.0247522	0.513395	-1.94782	0.303187	0.766442	-1.30473	0.528313	0.852704	-1.17274	0.566988	1.15526	1.15526	0.0202668	0.497529	-2.00993	2.14934	2.11756	0.875743	1
cg12737497	ZNF532	0.147407	0.876477	0.948582	-1.05421	0.432732	1.31219	1.31219	0.0614847	2.04399	2.04399	0.0117027	0.343363	-2.91237	0.733262	1.12309	1.12309	0.588496	1.20366	1.20366	0.625368	0.846207	-1.18174	0.422954	1.32016	1.32016	0.796697	1.09157	1.09157	2.14933	3.92034	1.62132	1
cg15454043	EFHA2	0.147407	0.218436	0.739978	-1.35139	0.60529	1.12894	1.12894	0.673127	0.906009	-1.10374	0.782771	0.93773	-1.06641	0.0323463	0.558265	-1.79126	0.525748	1.16133	1.16133	0.233681	0.747924	-1.33703	0.0362698	1.7618	1.7618	0.70336	1.09308	1.09308	2.14933	1.84213	0.761841	1
cg18218884	LDB1;LDB1	0.147411	0.918329	0.977095	-1.02344	0.100903	1.50066	1.50066	0.295113	1.278	1.278	0.782249	1.06459	1.06459	0.0942777	0.659961	-1.51524	0.0702165	0.633023	-1.57972	0.483264	1.17465	1.17465	0.0816166	1.54654	1.54654	0.621616	0.89369	-1.11896	2.1493	1.7374	0.71854	1
cg19528654	AIP	0.147412	0.61216	0.806116	-1.24052	0.163946	1.87038	1.87038	0.209439	1.7466	1.7466	0.148918	1.92041	1.92041	0.0331615	0.35001	-2.85706	0.5758	1.26909	1.26909	0.747785	0.872836	-1.14569	0.202792	1.76262	1.76262	0.245765	0.599447	-1.6682	2.1493	6.04915	2.50176	1
cg23928910	CETN3	0.147415	0.558908	0.774841	-1.29059	0.119909	0.48278	-2.07134	0.519247	1.32577	1.32577	0.647793	1.21959	1.21959	0.906413	0.950507	-1.05207	0.0140607	0.270236	-3.70047	0.539213	1.30774	1.30774	0.489331	1.35409	1.35409	0.138469	1.9905	1.9905	2.14927	6.34092	2.62245	1
cg25370869	PTPN23	0.147415	0.12456	1.32784	1.32784	0.921869	0.983411	-1.01687	0.0677575	1.41752	1.41752	0.0624694	1.4298	1.4298	0.47713	0.884033	-1.13118	0.0434397	1.48589	1.48589	0.537399	0.898985	-1.11237	0.276425	1.21294	1.21294	0.572699	0.907379	-1.10208	2.14927	0.98977	0.409346	1
cg22563286	SNAR-D;SNAR-B1;SNAR-B2	0.147418	0.122698	0.34527	-2.89629	0.579889	0.700817	-1.42691	0.0756079	0.284357	-3.51671	0.976543	1.01887	1.01887	0.0239158	0.180259	-5.54758	0.906637	0.928116	-1.07745	0.828958	1.14747	1.14747	0.0467024	0.23503	-4.25478	0.0924159	0.308028	-3.24646	2.14925	13.7612	5.69137	1
cg18410872	ZIC5	0.14742	0.104435	2.21136	2.21136	0.932066	1.03886	1.03886	0.281876	1.64877	1.64877	0.371804	0.663651	-1.50682	0.077883	0.416432	-2.40135	0.392035	0.675647	-1.48006	0.0303169	0.320307	-3.12201	0.973718	1.01484	1.01484	0.322347	0.633119	-1.57948	2.14924	6.80504	2.81445	1
cg13791269	MAD1L1;MAD1L1;MAD1L1	0.147423	0.573877	0.865461	-1.15545	0.786828	1.07136	1.07136	0.227502	1.3801	1.3801	0.667296	1.11625	1.11625	0.034201	0.533454	-1.87458	0.289777	1.32235	1.32235	0.0269235	0.513573	-1.94714	0.801794	1.06605	1.06605	0.523797	0.848494	-1.17856	2.14922	2.20116	0.910372	1
cg14404298	CYP8B1	0.147424	0.183484	0.477195	-2.09558	0.00803389	0.168576	-5.93204	0.335809	0.59434	-1.68254	0.67629	1.24624	1.24624	0.2055	0.496478	-2.01419	0.174203	0.468697	-2.13357	0.0967524	0.384509	-2.60072	0.246627	0.529856	-1.8873	0.97798	0.985635	-1.01457	2.14921	9.35508	3.86915	1
cg04313875	RILP;RILP	0.147424	0.318664	2.06681	2.06681	0.0225294	6.85282	6.85282	0.277926	2.21397	2.21397	0.903924	0.918455	-1.08878	0.128681	3.17944	3.17944	0.179319	2.73134	2.73134	0.153138	2.93768	2.93768	0.0195239	7.30305	7.30305	0.834339	1.15896	1.15896	2.14921	16.8903	6.98565	1
cg17564183	TRIM27	0.147432	0.537888	0.90913	-1.09995	0.895029	0.980039	-1.02037	0.432418	0.88482	-1.13017	0.15491	1.26177	1.26177	0.0198743	0.650899	-1.53634	0.246375	1.20341	1.20341	0.670303	0.936683	-1.0676	0.457134	0.890778	-1.12261	0.0681836	0.732033	-1.36606	2.14916	0.794073	0.328427	1
cg06321304	PAK6;C15orf56;PAK6;PAK6	0.147432	0.7452	1.04423	1.04423	0.111855	1.25835	1.25835	0.310255	1.14953	1.14953	0.0533682	1.33813	1.33813	0.126119	0.802802	-1.24564	0.177514	1.20949	1.20949	0.0574971	1.32993	1.32993	0.154521	1.22417	1.22417	0.405407	1.11961	1.11961	2.14916	0.599585	0.247988	1
cg09769542	TOX3;TOX3	0.147433	0.0408169	0.361132	-2.76907	0.35891	0.665683	-1.50222	0.887614	0.940824	-1.0629	0.466834	0.72658	-1.37631	0.500029	0.744291	-1.34356	0.228738	1.72444	1.72444	0.11113	2.1142	2.1142	0.568719	1.28209	1.28209	0.0585428	0.397767	-2.51403	2.14915	6.33388	2.6197	1
cg27592318	HEMGN;HEMGN	0.147435	0.413788	1.14738	1.14738	0.230962	1.22971	1.22971	0.348356	1.17219	1.17219	0.592392	1.093	1.093	0.45687	1.13279	1.13279	0.268712	1.20872	1.20872	0.0902347	0.735481	-1.35965	0.048823	0.690579	-1.44806	0.1149	1.32592	1.32592	2.14913	0.921679	0.381209	1
cg04494051	LOC100130987;CLCF1;CLCF1	0.147438	0.0379166	0.414942	-2.40997	0.78537	1.10491	1.10491	0.724742	0.878794	-1.13792	0.465343	1.31198	1.31198	0.0629377	0.465537	-2.14806	0.651952	1.1805	1.1805	0.527918	0.791592	-1.26328	0.0234666	0.371892	-2.68895	0.433288	0.746603	-1.3394	2.14912	4.54595	1.88023	1
cg16257334	GTF2H4;VARS2;VARS2;VARS2	0.147439	0.616482	0.915984	-1.09172	0.116363	1.34519	1.34519	0.0637101	1.43657	1.43657	0.622787	1.08999	1.08999	0.400853	1.16119	1.16119	0.729875	0.94154	-1.06209	0.0636961	0.696086	-1.43661	0.896921	0.977727	-1.02278	0.0639206	1.43606	1.43606	2.14911	1.02799	0.425185	1
cg00174654	BCAS2	0.147441	0.166847	0.689274	-1.4508	0.0148461	0.469241	-2.1311	0.0175025	0.48184	-2.07538	0.670515	0.897582	-1.1141	0.343344	0.781556	-1.2795	0.149512	0.67694	-1.47724	0.270617	0.748565	-1.33589	0.733217	0.917244	-1.09022	0.678222	0.900018	-1.11109	2.1491	2.16975	0.89743	1
cg10523380	RREB1;RREB1;RREB1;RREB1	0.147444	0.949962	1.00935	1.00935	0.0317129	1.45267	1.45267	0.494806	1.10826	1.10826	0.585973	0.921681	-1.08497	0.192305	0.814942	-1.22708	0.123977	1.28021	1.28021	0.141053	0.790776	-1.26458	0.180661	0.809949	-1.23465	0.888796	0.979468	-1.02096	2.14907	0.748408	0.309553	1
cg19334406	KIRREL3;KIRREL3	0.147454	0.114976	0.684511	-1.4609	0.208819	0.746016	-1.34045	0.0373742	0.586089	-1.70623	0.560723	0.87801	-1.13894	0.913704	1.02426	1.02426	0.864919	1.03837	1.03837	0.0394757	1.69344	1.69344	0.865273	0.963141	-1.03827	0.618927	1.11727	1.11727	2.14901	1.66469	0.68856	1
cg12186702	PLVAP	0.14746	0.828665	0.923894	-1.08238	0.0829613	0.496009	-2.01609	0.0998812	0.517599	-1.932	0.0415219	0.423811	-2.35954	0.222853	0.626356	-1.59653	0.633306	1.1919	1.1919	0.0312537	0.39731	-2.51693	0.553287	1.24488	1.24488	0.534448	0.794701	-1.25833	2.14896	4.54014	1.87797	1
cg15621338	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.147461	0.429932	0.602509	-1.65973	0.765706	1.20674	1.20674	0.465304	0.626709	-1.59564	0.00593505	0.104065	-9.60937	0.250395	0.469879	-2.12821	0.186207	0.414249	-2.41401	?	?	?	0.95621	1.03513	1.03513	0.275926	0.490317	-2.0395	2.16641	12.0603	5.56697	1
cg06196984	RGL2;RGL2	0.147462	0.325614	1.25798	1.25798	0.947332	1.01505	1.01505	0.189096	1.36969	1.36969	0.841797	1.04623	1.04623	0.35647	1.23919	1.23919	0.31646	1.26388	1.26388	0.0187722	1.90383	1.90383	0.207494	0.740408	-1.35061	0.131902	0.692311	-1.44444	2.14895	1.74023	0.719825	1
cg02454815	PTOV1	0.147462	0.869578	0.960742	-1.04086	0.01329	2.11212	2.11212	0.111866	1.52496	1.52496	0.683436	0.904908	-1.10508	0.510536	1.17664	1.17664	0.708442	1.09587	1.09587	0.133463	1.48364	1.48364	0.0706367	1.63618	1.63618	0.573954	0.870703	-1.1485	2.14895	2.02161	0.836218	1
cg07061351	LOC139201;CHIC1	0.147464	0.0764283	0.382705	-2.61298	0.334251	0.615517	-1.62465	0.810816	0.889711	-1.12396	0.764658	1.15755	1.15755	0.0789124	0.386451	-2.58765	0.0463975	0.328976	-3.03973	0.0924966	0.405666	-2.46508	0.0285778	0.284006	-3.52105	0.716618	0.837246	-1.19439	2.14893	8.08182	3.34298	1
cg05073568	ZNF3;ZNF3	0.147464	0.956036	1.00776	1.00776	0.271185	0.851663	-1.17417	0.301856	1.16175	1.16175	0.633406	1.06967	1.06967	0.0138897	1.53117	1.53117	0.35438	0.874985	-1.14288	0.104458	0.779764	-1.28244	0.735679	1.04864	1.04864	0.606472	0.929758	-1.07555	2.14893	0.668648	0.276581	1
cg09013789	ZC3HAV1;ZC3HAV1	0.147465	0.274335	0.767229	-1.30339	0.0466349	0.588165	-1.7002	0.0420274	0.57938	-1.72598	0.177266	0.716011	-1.39663	0.0322909	0.557668	-1.79318	0.197841	0.728275	-1.37311	0.332734	0.792335	-1.26209	0.259576	0.76035	-1.31518	0.0470595	0.588937	-1.69797	2.14893	1.84697	0.763987	1
cg05304679	SPATS2	0.147466	0.962009	0.991187	-1.00889	0.83137	0.961146	-1.04042	0.0274118	1.62398	1.62398	0.343211	1.19897	1.19897	0.533686	1.12428	1.12428	0.065219	0.680677	-1.46913	0.313247	0.823796	-1.21389	0.235292	1.26006	1.26006	0.193703	1.29119	1.29119	2.14892	1.17537	0.486187	1
cg07293947	SFXN1	0.147467	0.0515318	0.672945	-1.48601	0.351047	0.842374	-1.18712	0.0935823	0.719229	-1.39038	0.863364	1.03126	1.03126	0.940767	1.01337	1.01337	0.476084	0.878533	-1.13826	0.00839705	0.547877	-1.82523	0.634318	0.917927	-1.08941	0.856536	0.968176	-1.03287	2.14891	1.08702	0.449641	1
cg22495162	LSM6	0.147467	0.741198	1.08126	1.08126	0.902142	1.02942	1.02942	0.281322	0.768025	-1.30204	0.150939	1.43736	1.43736	?	?	?	0.0239975	1.88641	1.88641	0.34532	0.795247	-1.25747	0.126312	0.677151	-1.47678	0.904381	0.97207	-1.02873	2.16636	1.6945	0.782189	1
cg12178287	PGLS	0.147468	0.0269167	0.0656931	-15.2223	0.297309	0.325427	-3.07289	0.30955	0.33535	-2.98196	0.893538	0.870125	-1.14926	0.0151619	0.0450642	-22.1905	0.680449	0.650331	-1.53768	0.140937	0.192954	-5.18259	0.0930637	0.146655	-6.81871	0.241223	0.279535	-3.57738	2.14891	36.7395	15.1972	1
cg02711899	TRERF1	0.147469	0.199343	0.659464	-1.51638	0.834459	0.937771	-1.06636	0.830528	0.936315	-1.06802	0.365344	0.751595	-1.3305	0.0117794	0.380686	-2.62684	0.875838	0.953129	-1.04918	0.124269	1.66695	1.66695	0.81955	1.07267	1.07267	0.131523	0.606628	-1.64846	2.1489	3.20799	1.32698	1
cg15237152	CNN1;CNN1	0.147469	0.11197	0.471399	-2.12134	0.0191683	0.291851	-3.4264	0.0291495	0.32725	-3.05577	0.194157	0.550532	-1.81643	0.139875	0.501474	-1.99412	0.237089	0.583787	-1.71295	0.201582	0.556563	-1.79674	0.117624	0.47786	-2.09266	0.729192	0.859837	-1.16301	2.1489	6.42569	2.65798	1
cg23637372	CCNC;CCNC	0.147473	0.979523	1.00294	1.00294	0.787361	1.03144	1.03144	0.848573	1.02213	1.02213	0.26953	1.14073	1.14073	0.415523	1.09999	1.09999	0.0219287	1.37001	1.37001	0.0925163	0.808969	-1.23614	0.107215	0.817634	-1.22304	0.640723	0.947602	-1.0553	2.14887	0.446253	0.184594	1
cg23185774	FGD2	0.147477	0.0687796	0.426185	-2.3464	0.446539	0.722612	-1.38387	0.0350956	0.357728	-2.79542	0.234894	0.593728	-1.68427	0.0206819	0.311405	-3.21125	0.0816896	0.44579	-2.24321	0.233901	0.593007	-1.68632	0.241057	0.598161	-1.67179	0.14876	0.522852	-1.91259	2.14884	5.96717	2.46838	1
cg10167316	SEC61A1	0.147479	0.0832702	0.400597	-2.49627	0.63508	0.796047	-1.25621	0.548639	0.748592	-1.33584	0.228614	0.547257	-1.8273	0.00846638	0.201146	-4.97151	0.0649543	0.372035	-2.68792	0.246208	0.560691	-1.78351	0.670277	0.815189	-1.22671	0.140282	0.469095	-2.13177	2.14883	7.74664	3.20449	1
cg18354686	UBN1;GLYR1	0.147479	0.0875062	1.53716	1.53716	0.654194	0.902338	-1.10823	0.83277	1.04937	1.04937	0.270308	0.76981	-1.29902	0.691107	0.912989	-1.0953	0.124061	0.684137	-1.4617	0.020782	0.530285	-1.88578	0.298498	1.27841	1.27841	0.951976	0.986366	-1.01382	2.14883	1.76796	0.731337	1
cg15355713	DHX37	0.147484	0.0951074	0.48143	-2.07714	0.191867	0.576563	-1.73441	0.265514	0.629713	-1.58803	0.217084	0.595924	-1.67807	0.00632756	0.242428	-4.12493	0.248835	0.618503	-1.61681	0.118189	0.508564	-1.96632	0.646003	0.83165	-1.20243	0.253901	0.621951	-1.60784	2.1488	5.40675	2.2366	1
cg19722847	IPO8	0.14749	0.0809056	0.550994	-1.8149	0.881398	1.04705	1.04705	0.562408	0.834969	-1.19765	0.606536	1.17349	1.17349	0.0680578	0.532979	-1.87625	0.393532	0.764027	-1.30885	0.0265003	0.444846	-2.24797	0.0394433	0.48015	-2.08268	0.75462	0.90796	-1.10137	2.14875	3.2274	1.3351	1
cg15272417	HERC4;HERC4	0.147492	0.739259	0.954848	-1.04729	0.233744	1.18849	1.18849	0.0456666	1.37293	1.37293	0.148694	0.807147	-1.23893	0.747242	1.04574	1.04574	0.774921	1.04045	1.04045	0.927391	1.01269	1.01269	0.0380099	1.39475	1.39475	0.0899197	1.29506	1.29506	2.14874	0.651127	0.269358	1
cg21690806	SLC9A8	0.147499	0.986868	0.997864	-1.00214	0.554883	1.08068	1.08068	0.277405	1.15806	1.15806	0.230927	0.849377	-1.17733	0.0211015	1.43376	1.43376	0.993369	1.00108	1.00108	0.319513	0.874908	-1.14298	0.189649	1.19779	1.19779	0.06655	1.30639	1.30639	2.14869	0.574296	0.237579	1
cg27066211	MSN	0.147501	0.0904101	0.417311	-2.3963	0.855107	0.917945	-1.08939	0.915425	0.951461	-1.05102	0.0175828	3.8696	3.8696	0.93329	0.961546	-1.03999	0.0689662	0.385493	-2.59408	0.885285	0.934619	-1.06995	0.483649	0.71647	-1.39573	0.6533	0.809144	-1.23587	2.14868	7.46576	3.08852	1
cg13936261	SV2B;SV2B	0.147501	0.512474	0.850776	-1.1754	0.04743	1.73622	1.73622	0.223039	1.36544	1.36544	0.328356	0.782363	-1.27818	0.424725	0.820106	-1.21935	0.300533	1.29821	1.29821	0.121542	0.664743	-1.50434	0.0816112	1.59924	1.59924	0.661954	1.11297	1.11297	2.14868	2.01403	0.833189	1
cg09300505	NLGN4Y;NLGN4Y;NLGN4Y	0.147501	0.130872	0.734397	-1.36166	0.640056	1.09322	1.09322	0.147916	0.745449	-1.34147	0.900765	0.976668	-1.02389	0.476561	1.14681	1.14681	0.685997	1.07995	1.07995	0.0448822	1.54599	1.54599	0.065342	0.676039	-1.4792	0.304461	0.817699	-1.22294	2.14868	1.21876	0.504192	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21191241	NKAIN3	0.147506	0.104767	0.364285	-2.74511	0.0151819	0.182907	-5.46725	0.0369592	0.251584	-3.97482	0.792784	0.860746	-1.16178	0.115695	0.377581	-2.64844	0.224137	0.483184	-2.06961	0.201296	0.463634	-2.15687	0.179292	0.443743	-2.25355	0.76709	0.844361	-1.18433	2.14865	11.04	4.56721	1
cg24865802	NHP2L1	0.147506	0.506524	0.872083	-1.14668	0.10219	1.43799	1.43799	0.766377	1.06238	1.06238	0.468149	0.860784	-1.16173	0.483392	0.865324	-1.15564	0.0676008	0.659792	-1.51563	0.809422	0.952117	-1.05029	0.0344844	1.65002	1.65002	0.270707	1.26224	1.26224	2.14864	1.40347	0.580612	1
cg10716524	PTDSS2	0.147507	0.215217	0.798475	-1.25239	0.1376	1.31766	1.31766	0.74967	0.946271	-1.05678	0.344798	0.845465	-1.18278	0.0956838	1.37126	1.37126	0.162325	0.773089	-1.29351	0.514918	1.12066	1.12066	0.728657	1.06192	1.06192	0.0479461	0.677005	-1.47709	2.14864	1.01277	0.418984	1
cg09070101	WDR37	0.147508	0.563753	0.867236	-1.15309	0.058543	0.593569	-1.68472	0.436696	0.823938	-1.21368	0.320682	0.778464	-1.28458	0.0906712	0.634479	-1.5761	0.793878	1.066	1.066	0.477428	1.1928	1.1928	0.0463476	1.74545	1.74545	0.391685	1.23886	1.23886	2.14863	2.02717	0.838639	1
cg06050341	FBXO32	0.147508	0.0968846	0.551561	-1.81304	0.760804	0.905114	-1.10483	0.697097	0.880101	-1.13623	0.0475172	2.09614	2.09614	0.738574	0.896405	-1.11557	0.868492	1.0556	1.0556	0.0205785	0.402221	-2.4862	0.435287	0.771127	-1.2968	0.96626	0.986284	-1.01391	2.14863	3.62788	1.50086	1
cg19707654	B4GALT5	0.147509	0.0266582	1.70805	1.70805	0.759654	0.939373	-1.06454	0.603381	0.898677	-1.11275	0.582648	0.893048	-1.11976	0.18222	0.749338	-1.33451	0.413015	0.843178	-1.18599	0.235994	0.776383	-1.28802	0.0816021	1.48199	1.48199	0.377519	1.20269	1.20269	2.14862	1.41364	0.584827	1
cg02630819	FAM178B	0.147513	0.185724	0.75524	-1.32408	0.66279	1.09175	1.09175	0.907582	1.02351	1.02351	0.540907	0.883525	-1.13183	0.144673	0.730938	-1.36811	0.0321333	0.605235	-1.65225	0.0704202	1.49863	1.49863	0.68565	0.921816	-1.08482	0.144169	0.730607	-1.36872	2.14859	1.36198	0.563462	1
cg05728282	FLJ12825;LOC100240735	0.147515	0.0272545	4.9143	4.9143	0.0490492	3.93238	3.93238	0.160508	2.49316	2.49316	0.532391	1.47015	1.47015	0.704112	0.792544	-1.26176	0.0741113	3.36292	3.36292	0.0907215	3.11322	3.11322	0.130785	2.70279	2.70279	0.79272	1.17408	1.17408	2.14858	12.6359	5.2276	1
cg24424615	RNF25;STK36	0.147515	0.355132	0.710624	-1.40721	0.0901964	1.96974	1.96974	0.12593	1.82103	1.82103	0.0292625	0.389614	-2.56664	0.349753	0.70772	-1.41299	0.258001	1.52932	1.52932	0.920715	0.965025	-1.03624	0.677798	1.16129	1.16129	0.782753	1.10393	1.10393	2.26009	4.48044	1.54188	1
cg27157110	DHRS7B	0.147515	0.199732	1.29488	1.29488	0.154637	0.747815	-1.33723	0.0176772	1.73398	1.73398	0.767855	1.05809	1.05809	0.207865	1.28828	1.28828	0.432777	1.16498	1.16498	0.170001	0.756698	-1.32153	0.602668	1.10537	1.10537	0.764411	1.05901	1.05901	2.14858	1.23816	0.512238	1
cg10332723	COTL1	0.147518	0.0813677	0.550611	-1.81617	0.103273	0.576702	-1.734	0.826084	1.07034	1.07034	0.0732703	0.539583	-1.85328	0.0178896	0.411084	-2.43259	0.689732	0.883423	-1.13196	0.298856	0.717057	-1.39459	0.106881	0.580585	-1.7224	0.160883	0.629646	-1.58819	2.14856	3.2466	1.34316	1
cg13767223	WNK2	0.147519	0.745474	0.813629	-1.22906	0.0184146	6.11519	6.11519	0.0696048	3.61486	3.61486	0.70493	1.2724	1.2724	0.0879489	0.303478	-3.29514	0.913369	1.07134	1.07134	0.823204	0.867882	-1.15223	0.973666	1.02112	1.02112	0.49386	0.644062	-1.55265	2.14855	13.6442	5.64483	1
cg24711070	FOXR1	0.14752	0.410858	0.610507	-1.63798	0.609858	0.739349	-1.35254	0.0176941	0.183991	-5.43506	0.601419	1.36242	1.36242	0.0253683	0.210236	-4.75655	0.548382	1.42814	1.42814	0.73841	0.82146	-1.21734	0.609549	1.3529	1.3529	0.233517	0.480495	-2.08119	2.14855	11.7168	4.84743	1
cg16943185	AMOTL1	0.147521	0.064111	0.238773	-4.18809	0.254453	0.440814	-2.26853	0.126655	0.320663	-3.11854	0.228541	0.418971	-2.3868	0.0362911	0.187191	-5.34215	0.41532	0.563747	-1.77385	0.0300552	0.172647	-5.79217	0.174057	0.369563	-2.7059	0.0589528	0.230351	-4.3412	2.14854	16.1249	6.67116	1
cg13764116	CASR	0.147522	0.824489	1.16283	1.16283	0.147806	0.34833	-2.87084	0.0363081	0.191476	-5.22258	0.226511	0.422134	-2.36892	0.0771495	0.263242	-3.79878	0.0457546	0.211106	-4.73695	0.0827007	0.271128	-3.68829	0.238384	0.432264	-2.3134	0.0955972	0.288412	-3.46727	2.14854	15.6959	6.49369	1
cg17322655	PDCD1	0.147522	0.196614	0.680696	-1.46908	0.193682	0.678777	-1.47324	0.249615	0.71249	-1.40353	0.55086	0.843649	-1.18533	0.228088	0.700174	-1.42822	0.748821	0.913467	-1.09473	0.00592295	0.362712	-2.75701	0.313745	0.745625	-1.34116	0.449194	1.24268	1.24268	2.14853	2.70093	1.11743	1
cg10980686	SNTB1	0.147525	0.921204	1.04058	1.04058	0.636799	0.825939	-1.21074	0.9512	0.975693	-1.02491	0.686599	0.84952	-1.17714	0.00544095	0.229834	-4.35097	0.301175	0.650042	-1.53836	0.0978759	0.481857	-2.07531	0.50413	1.31331	1.31331	0.855883	1.07583	1.07583	2.14851	5.50086	2.27583	1
cg17995965	CITED2;CITED2;CITED2;CITED2	0.147525	0.876465	0.955645	-1.04641	0.606766	1.16347	1.16347	0.092241	1.71681	1.71681	0.903223	0.965147	-1.03611	0.321669	0.741863	-1.34796	0.073629	0.558987	-1.78895	0.389133	0.773067	-1.29355	0.0397048	2.00089	2.00089	0.271761	1.39605	1.39605	2.14851	2.89417	1.19738	1
cg18708504	IP6K3;IP6K3	0.147525	0.633478	0.84953	-1.17712	0.693431	0.87416	-1.14396	0.247627	0.663438	-1.5073	0.469243	1.28395	1.28395	0.00565406	0.291536	-3.43011	0.426028	1.31774	1.31774	0.259125	0.670558	-1.4913	0.689994	1.14579	1.14579	0.727547	0.888049	-1.12606	2.14851	3.92106	1.62223	1
cg19612574	MAPK8;MAPK8;MAPK8;MAPK8	0.147529	0.91945	0.955518	-1.04655	0.104097	0.449626	-2.22407	0.492642	0.73092	-1.36814	0.0940748	2.28888	2.28888	0.731752	1.16741	1.16741	0.674673	1.20913	1.20913	0.88904	0.939135	-1.06481	0.014656	3.86425	3.86425	0.398939	1.47471	1.47471	2.14848	6.88532	2.84865	1
cg13446911	WNK2	0.147534	0.916406	1.02252	1.02252	0.032938	0.589067	-1.6976	0.0747093	0.656276	-1.52375	0.0620205	1.5617	1.5617	0.881577	0.96887	-1.03213	0.687742	1.0895	1.0895	0.274532	1.27278	1.27278	0.624857	0.900729	-1.11021	0.635606	0.903691	-1.10657	2.14845	1.53148	0.633627	1
cg02212934	DBNDD1;DBNDD1	0.147538	0.988446	1.00625	1.00625	0.836338	0.91486	-1.09306	0.0103583	0.249293	-4.01134	0.518519	1.3252	1.3252	0.586905	1.26617	1.26617	0.0384194	0.356341	-2.8063	0.951347	0.974093	-1.0266	0.256319	0.600674	-1.6648	0.80301	0.898058	-1.11351	2.14842	6.29661	2.60516	1
cg18209470	CAV1	0.147539	0.2846	1.39929	1.39929	0.0487845	0.506525	-1.97424	0.707662	0.89238	-1.1206	0.896929	0.961584	-1.03995	0.734914	0.902378	-1.10818	0.0745949	1.82275	1.82275	0.0360522	2.08962	2.08962	0.712281	1.11847	1.11847	0.759043	0.911199	-1.09746	2.14841	3.1086	1.28616	1
cg18438187	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.147541	0.946613	0.965072	-1.03619	0.0562102	3.15196	3.15196	0.149139	2.27348	2.27348	0.921615	0.949087	-1.05364	0.0248123	0.242103	-4.13047	0.878267	1.08478	1.08478	0.882971	1.08134	1.08134	0.660948	0.791105	-1.26405	0.191647	0.480037	-2.08317	2.1484	9.59085	3.96816	1
cg03001995	RSBN1	0.147542	0.822331	0.962777	-1.03866	0.0194865	1.61008	1.61008	0.465772	1.13337	1.13337	0.0459151	1.47095	1.47095	0.13223	1.31524	1.31524	0.205317	0.798211	-1.2528	0.998403	0.999663	-1.00034	0.925838	1.01583	1.01583	0.409005	1.15307	1.15307	2.1484	0.967992	0.400502	1
cg12486558	SLC2A12	0.147542	0.787414	1.0707	1.0707	0.192659	1.41688	1.41688	0.0347604	0.536903	-1.86254	0.740111	0.919314	-1.08777	0.866627	0.95841	-1.04339	0.0955142	0.629518	-1.58852	0.529914	1.17447	1.17447	0.085146	1.61776	1.61776	0.34802	0.783347	-1.27657	2.1484	2.17315	0.899131	1
cg16524049	LMX1A	0.147542	0.036691	0.47403	-2.10957	0.271434	1.42204	1.42204	0.553211	0.831546	-1.20258	0.0379917	0.477199	-2.09556	0.208882	0.665389	-1.50288	0.329998	0.734075	-1.36226	0.28096	1.41147	1.41147	0.818857	0.931885	-1.07309	0.544278	1.20772	1.20772	2.1484	3.21804	1.33145	1
cg18971416	THNSL1;ENKUR	0.147543	0.768159	0.948869	-1.05389	0.0041537	0.505527	-1.97813	0.616861	0.914335	-1.09369	0.133221	0.750064	-1.33322	0.700243	0.933621	-1.0711	0.17763	0.775408	-1.28964	0.609133	0.912505	-1.09588	0.235498	0.801923	-1.247	0.990066	0.997792	-1.00221	2.14839	1.07262	0.443791	1
cg13609040	B4GALT4;B4GALT4	0.147545	0.419182	1.68487	1.68487	0.0483104	4.16245	4.16245	0.739887	1.23439	1.23439	0.262581	2.09228	2.09228	0.590271	0.709245	-1.40995	0.308966	1.94543	1.94543	0.112098	2.98451	2.98451	0.0121242	7.21645	7.21645	0.16664	2.53962	2.53962	2.14838	13.5916	5.62352	1
cg22325572	CD53;CD53	0.147545	0.023722	0.157942	-6.33145	0.149141	0.347335	-2.87907	0.117541	0.312857	-3.19635	0.349248	1.93227	1.93227	0.19281	0.389783	-2.56553	0.697615	0.765749	-1.30591	0.565306	0.672117	-1.48784	0.196555	2.54312	2.54312	0.618327	1.40966	1.40966	2.14838	15.8992	6.57829	1
cg11223933	FMNL1	0.147545	0.327815	1.55701	1.55701	0.45535	0.716551	-1.39557	0.0809231	2.33579	2.33579	0.150694	1.96437	1.96437	0.78715	1.12596	1.12596	0.31019	0.631087	-1.58457	0.911807	0.952593	-1.04977	0.0262139	0.314742	-3.1772	0.471417	1.37868	1.37868	2.14837	6.53805	2.70512	1
cg03500977	HLA-B	0.147555	0.012467	0.433477	-2.30693	0.840587	1.05564	1.05564	0.130085	0.644277	-1.55213	0.254321	0.726126	-1.37717	0.0993836	0.615304	-1.62521	0.324557	0.760689	-1.3146	0.188673	0.687663	-1.4542	0.0768711	0.589206	-1.6972	0.828576	1.06004	1.06004	2.14831	2.4596	1.01769	1
cg01469549	DNAJB6;DNAJB6	0.147559	0.316446	0.890044	-1.12354	0.133192	1.19985	1.19985	0.497682	1.08051	1.08051	0.20813	0.861345	-1.16098	0.472006	1.08576	1.08576	0.067362	0.794104	-1.25928	0.683542	0.954951	-1.04717	0.993635	1.0009	1.0009	0.0414688	1.30271	1.30271	2.14828	0.430387	0.178081	1
cg25099438	EEF1B2;EEF1B2;EEF1B2;NDUFS1	0.147562	0.205855	1.30071	1.30071	0.338615	1.21449	1.21449	0.483273	0.869039	-1.1507	0.518461	1.13766	1.13766	0.296003	0.807761	-1.23799	0.388863	1.19003	1.19003	0.0180369	0.567808	-1.76116	0.145298	0.73484	-1.36084	0.650208	1.09411	1.09411	2.14826	1.32059	0.546422	1
cg00228476	FAT3	0.147564	0.455754	1.19986	1.19986	0.247749	0.748381	-1.33622	0.268181	0.758332	-1.31868	0.311979	0.778118	-1.28515	0.444126	0.82934	-1.20578	0.778976	1.06982	1.06982	0.00904867	2.2161	2.2161	0.66089	0.899531	-1.11169	0.989294	0.996787	-1.00322	2.14824	1.95737	0.809913	1
cg24194698	WAC;WAC;WAC	0.147566	0.0259391	0.322526	-3.10052	0.42974	0.70822	-1.41199	0.134427	1.99537	1.99537	0.18134	0.544791	-1.83557	0.862072	0.928272	-1.07727	0.630626	0.81272	-1.23044	0.929996	1.03832	1.03832	0.180477	1.83805	1.83805	0.128241	0.494718	-2.02135	2.14823	6.23295	2.57906	1
cg22626041	KIAA0040;KIAA0040;KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.14757	0.353967	0.546234	-1.83072	0.010079	0.127594	-7.83738	0.463739	0.6232	-1.60462	0.384402	0.568072	-1.76034	0.359116	0.549964	-1.8183	0.774528	0.833504	-1.19975	0.596409	1.40339	1.40339	0.282575	2.02995	2.02995	0.188819	2.41761	2.41761	2.1482	13.6795	5.66033	1
cg11802635	SMTNL2;SMTNL2	0.14757	0.554924	0.898769	-1.11263	0.827489	0.961746	-1.03978	0.309095	0.82851	-1.20699	0.340229	1.19203	1.19203	0.231491	1.25144	1.25144	0.879758	1.02742	1.02742	0.068012	1.4409	1.4409	0.0813988	1.41231	1.41231	0.0564388	0.679768	-1.47109	2.1482	1.08671	0.44966	1
cg26163108	STX8	0.147571	0.819251	1.05055	1.05055	0.0330724	0.584559	-1.71069	0.0691386	0.645238	-1.54982	0.982409	1.00476	1.00476	0.105691	0.683328	-1.46343	0.552435	0.878541	-1.13825	0.0870015	1.50259	1.50259	0.865476	1.03721	1.03721	0.957718	1.01149	1.01149	2.14819	1.57929	0.653487	1
cg27056864	LOC100287834	0.147575	0.253986	0.475736	-2.102	0.0444648	0.23709	-4.2178	0.120653	0.350026	-2.85693	0.524126	0.668586	-1.49569	0.0315068	0.20743	-4.82089	0.372789	0.565172	-1.76937	0.0206842	0.175953	-5.68334	0.374833	0.566624	-1.76484	0.173712	0.405501	-2.46609	2.14817	13.2323	5.47538	1
cg16528022	RAB15	0.147576	0.152349	0.590449	-1.69363	0.0458332	0.455366	-2.19603	0.0504476	0.464783	-2.15154	0.847175	1.06855	1.06855	0.241736	0.65633	-1.52362	?	?	?	0.186516	0.618019	-1.61807	0.964145	1.01557	1.01557	0.0433551	0.449997	-2.22224	2.16559	3.60047	1.66258	1
cg06624711	ZNF775	0.147578	0.11002	1.30902	1.30902	0.114994	0.767253	-1.30335	0.4129	0.878615	-1.13816	0.0842114	1.34356	1.34356	0.960086	1.00777	1.00777	0.261525	0.834432	-1.19842	0.262801	0.83487	-1.19779	0.157077	0.791416	-1.26356	0.301664	1.17989	1.17989	2.14814	0.813029	0.336426	1
cg12142521	ACOXL;ACOXL;ACOXL	0.147579	0.158471	6.58326	6.58326	0.829932	1.30852	1.30852	0.836958	1.29381	1.29381	0.723126	0.641024	-1.56	0.364193	0.311715	-3.20806	0.66158	0.576585	-1.73435	0.683288	0.598828	-1.66993	0.0167806	38.4206	38.4206	0.0414424	18.9114	18.9114	2.14814	53.1671	22.0003	1
cg17985608	ING2	0.14758	0.727313	1.04418	1.04418	0.453751	1.09883	1.09883	0.21727	1.17387	1.17387	0.400097	0.899091	-1.11223	0.473729	1.09415	1.09415	0.338716	0.885341	-1.12951	0.259852	0.864896	-1.15621	0.0216051	0.711295	-1.40589	0.0758668	0.783506	-1.27631	2.14813	0.518835	0.214692	1
cg11279420	ZNF415;ZNF415;ZNF415;ZNF415	0.147582	0.921725	0.975997	-1.02459	0.0238776	0.513573	-1.94714	0.170933	0.697399	-1.4339	0.921107	1.02479	1.02479	0.532884	1.16898	1.16898	0.170503	1.43449	1.43449	0.0924384	1.58055	1.58055	0.362688	1.26019	1.26019	0.742935	0.921868	-1.08475	2.14812	2.07887	0.860234	1
cg09668408	STK32C	0.147584	?	?	?	0.69287	1.21029	1.21029	0.0385702	3.16491	3.16491	0.0669	0.372469	-2.68479	0.315689	1.64673	1.64673	0.19817	1.92299	1.92299	?	?	?	0.72218	1.18726	1.18726	0.322361	1.63478	1.63478	2.18688	6.22733	3.25438	1
cg02763540	UHRF1;UHRF1	0.147587	0.135271	0.59792	-1.67246	0.352373	1.35758	1.35758	0.0309868	0.445299	-2.24568	0.484534	0.796987	-1.25473	0.0319733	0.448089	-2.2317	0.636396	0.858887	-1.1643	0.0862315	0.5458	-1.83217	0.817974	1.07642	1.07642	0.500575	0.803801	-1.24409	2.14809	3.47154	1.43654	1
cg12044785	MGST3;MGST3	0.147593	0.813413	1.02827	1.02827	0.471778	0.917319	-1.09013	0.0494902	1.30248	1.30248	0.0184284	1.40088	1.40088	0.574821	1.06911	1.06911	0.351103	0.893018	-1.1198	0.358947	0.894746	-1.11764	0.395038	0.902395	-1.10816	0.851111	1.0224	1.0224	2.14804	0.472913	0.195697	1
cg27124293	PHF10;PHF10	0.147595	0.313826	0.705859	-1.41671	0.55396	1.22164	1.22164	0.0482996	2.12672	2.12672	0.93285	1.02858	1.02858	0.805729	1.08589	1.08589	0.0376983	0.446614	-2.23907	0.0981828	1.83412	1.83412	0.92722	1.03102	1.03102	0.422935	0.760557	-1.31483	2.14803	3.80416	1.57422	1
cg07005799	SLIT1	0.147598	0.452164	0.764663	-1.30777	0.0385934	2.31477	2.31477	0.302176	1.45418	1.45418	0.663799	0.857949	-1.16557	0.284984	0.677702	-1.47557	0.128043	0.561947	-1.77953	0.218171	1.57422	1.57422	0.174672	1.65823	1.65823	0.318401	0.696802	-1.43513	2.148	4.17482	1.72763	1
cg09223513	RADIL	0.147599	0.0786709	0.693461	-1.44204	0.0526487	0.66171	-1.51123	0.017909	0.583149	-1.71483	0.970401	0.993069	-1.00698	0.580521	0.900663	-1.11029	0.323446	1.21065	1.21065	0.431245	0.860217	-1.1625	0.268558	0.80574	-1.2411	0.271814	0.807016	-1.23913	2.148	1.1952	0.494601	1
cg01648509	SCAMP5	0.147603	0.433867	0.789453	-1.2667	0.76538	0.91521	-1.09265	0.129712	0.61593	-1.62356	0.0122868	0.397238	-2.51738	0.660267	1.13991	1.13991	0.431155	0.788305	-1.26854	0.208414	1.48086	1.48086	0.288178	1.38604	1.38604	0.77885	1.08692	1.08692	2.14797	2.98167	1.23389	1
cg22959063	CKB	0.147608	0.78361	0.913527	-1.09466	0.712459	1.12933	1.12933	0.378129	1.34595	1.34595	0.739831	1.11571	1.11571	0.0240238	0.412956	-2.42157	0.400934	0.753917	-1.32641	0.0253136	2.39559	2.39559	0.920773	0.967843	-1.03323	0.712588	0.885534	-1.12926	2.14794	3.67212	1.51964	1
cg16782719	SLC15A4	0.147608	0.815823	1.06584	1.06584	0.691847	1.11502	1.11502	0.936441	0.978439	-1.02204	0.379627	1.27931	1.27931	0.0276306	2.03748	2.03748	0.0497169	1.84374	1.84374	0.0167186	2.22175	2.22175	0.541339	1.1841	1.1841	0.984284	1.0054	1.0054	2.14794	2.54084	1.05148	1
cg23718606	PRSS16	0.147611	0.292944	2.1251	2.1251	0.162414	2.80242	2.80242	0.32661	2.01322	2.01322	0.292162	2.12789	2.12789	0.38118	1.86003	1.86003	0.450474	1.70108	1.70108	0.0317951	5.69009	5.69009	0.0105472	9.23492	9.23492	0.0928153	3.58849	3.58849	2.14792	16.2394	6.72047	1
cg14087061	HAUS6;HAUS6	0.147619	0.650132	1.06771	1.06771	0.859299	0.974863	-1.02579	0.514538	1.09948	1.09948	0.427692	0.890309	-1.12321	0.861095	0.975184	-1.02545	0.849722	1.02759	1.02759	0.0183636	1.50765	1.50765	0.333028	0.866517	-1.15404	0.0382314	0.708502	-1.41143	2.14786	0.700291	0.289814	1
cg16523471	SPRYD4	0.147621	0.522143	0.901733	-1.10898	0.651716	1.07514	1.07514	0.361616	1.16128	1.16128	0.0234905	1.53951	1.53951	0.0771914	0.731038	-1.36792	0.560454	1.09841	1.09841	0.530606	0.903674	-1.10659	0.450493	0.884619	-1.13043	0.152057	0.782973	-1.27718	2.14785	0.864842	0.357915	1
cg17486097	UNC5D	0.147621	0.174006	1.62102	1.62102	0.201515	1.56911	1.56911	0.00937639	3.00512	3.00512	0.621152	1.18104	1.18104	0.207033	0.641176	-1.55964	0.50295	1.25491	1.25491	0.927618	1.03081	1.03081	0.306371	1.42435	1.42435	0.18498	1.59929	1.59929	2.14785	3.79498	1.57055	1
cg01437411	ATN1	0.147621	0.0138801	0.423024	-2.36393	0.174718	0.664622	-1.50461	0.202996	1.46277	1.46277	0.47294	0.813353	-1.22948	0.470375	0.812345	-1.231	0.39078	1.28257	1.28257	0.160459	0.654205	-1.52857	0.44692	0.80301	-1.24531	0.260736	0.717512	-1.39371	2.14785	2.72456	1.12756	1
cg13422359	YWHAG	0.147621	0.633632	0.896672	-1.11523	0.260102	1.3058	1.3058	0.752535	1.07449	1.07449	0.230737	0.751587	-1.33052	0.0192098	0.525477	-1.90303	0.173701	0.719817	-1.38924	0.184008	0.726067	-1.37728	0.405795	1.2131	1.2131	0.125491	0.686173	-1.45736	2.14785	1.75501	0.726313	1
cg22946774	MUC15;ANO3;MUC15;MUC15	0.147622	0.304945	0.514372	-1.94412	0.172586	0.403161	-2.4804	0.318597	0.524631	-1.9061	0.188802	0.41842	-2.38994	0.0123951	0.142567	-7.01426	0.111712	0.338232	-2.95655	0.0282008	0.197563	-5.06167	0.360323	0.555151	-1.80131	0.219432	0.445681	-2.24376	2.14784	13.3216	5.51316	1
cg08701843	WFDC1	0.147623	0.0536971	0.321919	-3.10637	0.342127	1.65932	1.65932	0.654303	1.26263	1.26263	0.240323	0.52938	-1.889	0.0594914	0.332699	-3.00572	0.221697	1.9436	1.9436	0.116789	0.414117	-2.41478	0.2978	0.572116	-1.7479	0.701073	1.22086	1.22086	2.14783	9.10566	3.76841	1
cg20361154	ZNF280B	0.147627	0.411221	0.79174	-1.26304	0.36437	1.29569	1.29569	0.27679	1.36939	1.36939	0.531995	0.838679	-1.19235	0.0537956	0.544152	-1.83772	0.21868	0.697993	-1.43268	0.0834832	0.587175	-1.70307	0.270119	1.37593	1.37593	0.190822	1.46956	1.46956	2.14781	2.62729	1.08733	1
cg18809126	VGLL4;VGLL4;VGLL4	0.147627	0.815751	1.08815	1.08815	0.774943	1.10932	1.10932	0.00904043	3.32317	3.32317	0.263215	1.52522	1.52522	0.391989	0.728042	-1.37355	0.851961	0.934623	-1.06995	0.474162	0.768406	-1.30139	0.162899	0.583286	-1.71442	0.434415	1.33463	1.33463	2.14781	4.45556	1.84397	1
cg24163568	TPPP	0.14763	0.945493	0.976519	-1.02405	0.433083	0.757291	-1.3205	0.125573	0.562094	-1.77906	0.737658	1.12392	1.12392	0.477473	0.77802	-1.28531	0.896436	1.0463	1.0463	0.826236	0.926439	-1.0794	0.00685266	3.3768	3.3768	0.979674	0.991186	-1.00889	2.14779	4.10809	1.70019	1
cg13093023	EIF4G3	0.14763	0.271481	1.71486	1.71486	0.328555	0.621823	-1.60817	0.067683	0.381243	-2.623	0.147512	2.07959	2.07959	0.0652569	0.377182	-2.65124	0.9989	1.00065	1.00065	0.491963	0.719772	-1.38933	0.138142	2.12154	2.12154	0.688758	1.20888	1.20888	2.14779	7.5502	3.12475	1
cg26887625	ZNF497	0.14763	0.0314591	5.69898	5.69898	0.8242	1.15558	1.15558	0.253503	2.19659	2.19659	0.174089	2.6134	2.6134	0.121397	3.07614	3.07614	0.645343	1.35226	1.35226	0.0324039	5.61992	5.61992	0.0883304	3.54888	3.54888	0.0375089	5.24719	5.24719	2.41579	15.3746	4.24282	1
cg19371916	RERE;RERE	0.147631	0.0843514	0.417429	-2.39562	0.0153835	0.256449	-3.89941	0.131469	0.474707	-2.10656	0.728638	0.852686	-1.17276	0.192198	0.531729	-1.88066	0.902126	0.945262	-1.05791	0.0773992	0.407275	-2.45535	0.159069	0.502252	-1.99103	0.643778	1.23747	1.23747	2.14778	7.12169	2.94741	1
cg00176546	LOC285780	0.147632	0.755398	0.924488	-1.08168	0.717757	1.09549	1.09549	0.0113783	0.451139	-2.21661	0.0544625	0.577983	-1.73015	0.137415	0.669007	-1.49475	0.207996	0.716384	-1.3959	0.140542	0.671449	-1.48932	0.244727	0.736583	-1.35762	0.807782	0.940598	-1.06315	2.14778	2.14723	0.888661	1
cg12873707	TCF3;TCF3	0.147634	0.07319	0.307223	-3.25497	0.135945	0.3871	-2.58331	0.711303	0.802857	-1.24555	0.153836	0.405822	-2.46413	0.016069	0.17548	-5.69866	0.172388	0.424067	-2.35812	0.0759221	0.311403	-3.21128	0.0928188	0.335444	-2.98112	0.202993	0.452131	-2.21175	2.14776	11.8673	4.91151	1
cg14632140	LMO3;LMO3	0.147635	0.0540698	0.563962	-1.77317	0.148004	0.665949	-1.50162	0.0504358	1.79335	1.79335	0.743628	1.08977	1.08977	0.320971	0.764436	-1.30815	0.601192	1.14815	1.14815	0.0944309	0.617793	-1.61867	0.905238	1.03169	1.03169	0.706438	0.905634	-1.1042	2.14775	2.33426	0.966077	1
cg17283857	FLJ41350;LBX1	0.147637	0.0912965	0.663023	-1.50824	0.143287	0.706403	-1.41562	0.456328	0.845655	-1.18251	0.695652	0.916791	-1.09076	0.368843	0.8155	-1.22624	0.731058	0.92659	-1.07923	0.0313468	1.74726	1.74726	0.610582	0.892715	-1.12018	0.0742652	0.644349	-1.55195	2.14774	1.66098	0.687432	1
cg13820573	SLC25A13;SLC25A13;SLC25A13	0.147637	0.105005	0.608848	-1.64245	0.0217103	0.462167	-2.16372	0.074501	0.573182	-1.74465	0.318454	1.33484	1.33484	0.752191	1.09278	1.09278	0.730418	1.10173	1.10173	0.690726	1.11853	1.11853	0.376329	1.28955	1.28955	0.575635	0.853501	-1.17164	2.14774	2.66866	1.10448	1
cg18186394	COL9A2	0.14764	0.768679	0.847296	-1.18022	0.0235756	4.56819	4.56819	0.597176	0.741076	-1.34939	0.194169	2.16362	2.16362	0.234846	0.496774	-2.01299	0.377093	1.66403	1.66403	0.0537019	3.42425	3.42425	0.432123	1.56903	1.56903	0.191929	2.17304	2.17304	2.14772	10.7383	4.4443	1
cg26236009	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.147647	0.269561	0.74727	-1.3382	0.194609	0.706332	-1.41576	0.305453	1.3085	1.3085	0.914641	0.973198	-1.02754	0.0439243	0.556151	-1.79807	0.246415	0.73555	-1.35953	0.0167837	0.477346	-2.09492	0.251564	0.738217	-1.35462	0.942499	0.981888	-1.01845	2.14767	2.18386	0.903866	1
cg00496988	TMEM89	0.147647	0.115039	0.340976	-2.93275	0.119532	0.34624	-2.88817	0.244914	0.465926	-2.14626	0.989081	0.991444	-1.00863	0.021538	0.176693	-5.65952	0.11184	0.337162	-2.96594	0.0952931	0.3164	-3.16055	0.0899223	0.309235	-3.23379	0.0831612	0.299861	-3.33488	2.14767	13.4098	5.55012	1
cg14560317	BRD2;BRD2	0.147652	0.0282635	0.693895	-1.44114	0.696539	1.05686	1.05686	0.45597	1.11308	1.11308	0.428889	0.892307	-1.12069	0.654043	1.06571	1.06571	0.0737856	0.754878	-1.32472	0.045359	0.723335	-1.38249	0.828975	1.03099	1.03099	0.230943	0.837528	-1.19399	2.14764	0.67711	0.28025	1
cg05902997	SFRS12;SFRS12	0.147652	0.332947	0.852169	-1.17348	0.395984	1.14939	1.14939	0.167301	1.2659	1.2659	0.176428	0.794384	-1.25884	0.0281369	0.660141	-1.51483	0.702399	0.940363	-1.06342	0.490099	0.893786	-1.11884	0.543835	0.906276	-1.10342	0.111329	1.32023	1.32023	2.14764	0.872629	0.361174	1
cg05039432	GLI2	0.147652	0.104084	0.418107	-2.39173	0.185001	0.501666	-1.99336	0.0894311	0.398946	-2.5066	0.981822	0.988883	-1.01124	0.00760175	0.185548	-5.38945	0.343843	0.619716	-1.61364	0.172115	0.490069	-2.04053	0.260269	0.562026	-1.77928	0.310578	0.597591	-1.67339	2.14764	8.19033	3.38991	1
cg18605135	FREM2	0.147653	0.543286	0.826732	-1.20958	0.0165886	0.404592	-2.47162	0.0741576	0.540434	-1.85036	0.176345	0.641121	-1.55977	0.550573	0.829638	-1.20534	0.754383	0.907501	-1.10193	0.10123	1.74194	1.74194	0.628692	0.860112	-1.16264	0.723101	0.895816	-1.1163	2.14763	3.25304	1.34641	1
cg05119754	LOC145837	0.147653	0.544737	0.87646	-1.14095	0.105928	1.46211	1.46211	0.0148191	1.90581	1.90581	0.47025	1.17119	1.17119	0.471704	0.854292	-1.17056	0.867132	1.03668	1.03668	0.0560713	1.59278	1.59278	0.795187	1.05755	1.05755	0.652622	0.90713	-1.10238	2.14763	1.57394	0.651444	1
cg15540596	TMEM55A	0.147656	0.802323	1.05766	1.05766	0.17973	1.37501	1.37501	0.689788	0.914233	-1.09381	0.0763194	0.643572	-1.55383	0.262134	0.770029	-1.29865	0.521025	0.864688	-1.15649	0.03888	1.70651	1.70651	0.188198	1.36567	1.36567	0.324216	1.25551	1.25551	2.14761	1.69899	0.703209	1
cg07689001	MUC6	0.147661	0.209451	0.32479	-3.07891	0.861674	1.15982	1.15982	0.185587	0.303225	-3.29788	0.972756	0.971385	-1.02946	0.0911584	0.205614	-4.86349	0.0330291	0.120132	-8.32415	0.32422	0.42084	-2.3762	0.173308	0.291791	-3.42711	0.0186876	0.0886478	-11.2806	2.14757	24.5808	10.1741	1
cg11700258	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.147665	0.526635	0.856466	-1.16759	0.0192396	0.504628	-1.98166	0.356979	0.795485	-1.25709	0.938288	0.981473	-1.01888	0.404196	1.22893	1.22893	0.551617	1.15658	1.15658	0.0899901	1.57039	1.57039	0.205829	1.38033	1.38033	0.414033	1.22344	1.22344	2.14754	1.98389	0.821152	1
cg11536612	NHP2L1;NHP2L1	0.147667	0.33158	1.38706	1.38706	0.629866	1.17187	1.17187	0.934041	1.0274	1.0274	0.692502	1.13863	1.13863	0.776396	1.09747	1.09747	0.00539326	0.302273	-3.30826	0.511543	1.24292	1.24292	0.334399	1.38426	1.38426	0.942223	0.976604	-1.02396	2.14753	3.62838	1.50183	1
cg17924476	AHRR	0.147669	0.190915	0.536697	-1.86325	0.333428	0.638691	-1.5657	0.299059	0.616522	-1.622	0.725784	0.853644	-1.17145	0.110868	0.458136	-2.18276	0.692029	0.836183	-1.19591	0.0409143	0.346337	-2.88736	0.0420803	2.8648	2.8648	0.658773	0.818967	-1.22105	2.14752	6.86826	2.84287	1
cg08267629	PIP5K1C	0.147669	0.509783	0.619414	-1.61443	0.690554	1.33195	1.33195	0.91604	0.927243	-1.07847	0.44638	0.573506	-1.74366	0.0841606	0.254428	-3.93038	0.139174	0.319764	-3.12731	0.00964251	0.0956868	-10.4508	0.074589	0.241034	-4.1488	0.437414	0.566968	-1.76377	2.14752	17.4525	7.22386	1
cg02129889	RPL39	0.14767	0.0454851	0.0883825	-11.3145	0.0367578	0.0768354	-13.0148	0.879319	1.17433	1.17433	0.141215	5.33092	5.33092	0.933168	0.915112	-1.09276	0.13243	0.179558	-5.56922	0.858739	1.20734	1.20734	0.696104	1.51461	1.51461	0.491418	2.09415	2.09415	2.14751	38.0468	15.7482	1
cg19091386	PTPRN2;PTPRN2;PTPRN2	0.147671	0.475323	0.803909	-1.24392	0.981888	0.993198	-1.00685	0.94321	1.02165	1.02165	0.111165	0.59346	-1.68503	0.491383	1.23386	1.23386	0.0734279	0.548719	-1.82243	0.039998	2.04156	2.04156	0.135529	1.6221	1.6221	0.726437	1.11139	1.11139	2.1475	3.07491	1.27276	1
cg21303745	TBC1D16	0.147674	0.249936	0.484752	-2.06291	0.0123861	0.153359	-6.52064	0.061011	0.280377	-3.56662	0.305606	0.527887	-1.89434	0.384588	0.584559	-1.71069	0.0631662	0.284047	-3.52054	0.336584	0.55062	-1.81613	0.0852392	0.317918	-3.14547	0.185929	0.429715	-2.32713	2.14749	12.3364	5.1063	1
cg00206645	HPR	0.147674	0.0814671	0.564605	-1.77115	0.105316	0.592254	-1.68847	0.0416066	0.498887	-2.00446	0.705566	0.893727	-1.11891	0.0293617	0.467843	-2.13747	0.357419	0.755664	-1.32334	0.3396	1.33823	1.33823	0.251768	0.70159	-1.42533	0.545581	0.834383	-1.19849	2.14748	2.98009	1.23353	1
cg15014458	LYPD3;LYPD3	0.147676	0.069037	3.83168	3.83168	0.0334874	5.15636	5.15636	0.603281	1.41365	1.41365	0.320085	0.507446	-1.97065	0.301073	0.492888	-2.02886	0.611538	1.40238	1.40238	0.142776	0.353439	-2.82934	0.47834	0.621314	-1.60949	0.495387	1.57945	1.57945	2.14747	14.8271	6.13727	1
cg27394478	ZFP92	0.147677	0.0397534	4.06865	4.06865	0.401395	0.602329	-1.66022	0.282292	0.517122	-1.93378	0.155895	0.408156	-2.45005	0.258476	0.49861	-2.00557	0.10591	2.83605	2.83605	0.195322	2.2444	2.2444	0.997957	1.00151	1.00151	0.849831	0.894154	-1.11838	2.14746	11.8492	4.90469	1
cg02239565	USP3	0.147679	0.215964	0.64076	-1.56065	0.958155	1.0181	1.0181	0.492844	1.26879	1.26879	0.78172	1.09959	1.09959	0.031295	0.421662	-2.37157	0.282854	0.682892	-1.46436	0.0426697	2.22023	2.22023	0.548351	1.23073	1.23073	0.372966	0.731522	-1.36701	2.14745	3.97359	1.64478	1
cg04035559	HK1;HK1;HK1;HK1;HK1	0.147679	0.54639	0.776448	-1.28792	0.0203713	3.29287	3.29287	0.753731	1.13915	1.13915	0.281303	1.5937	1.5937	0.0641911	0.416272	-2.40228	0.890231	1.0588	1.0588	0.958743	1.02164	1.02164	0.200792	0.569045	-1.75733	0.488778	1.33867	1.33867	2.25882	5.99548	2.06442	1
cg12232731	LOC150381;C22orf26	0.147679	0.191541	0.487872	-2.04972	0.206085	1.99831	1.99831	0.0563222	3.07025	3.07025	0.923686	0.951483	-1.05099	0.811738	0.883508	-1.13185	0.0715851	0.351935	-2.84143	0.512463	1.41173	1.41173	?	?	?	0.190653	2.05301	2.05301	2.16486	8.21133	3.79301	1
cg22524070	ZNF16;ZNF16	0.147679	0.405364	1.34648	1.34648	0.0334898	0.419749	-2.38237	0.293495	0.683317	-1.46345	0.335178	0.706589	-1.41525	0.0186073	0.368985	-2.71014	0.612437	0.836505	-1.19545	0.344651	0.711663	-1.40516	0.379412	1.37041	1.37041	0.448283	0.763339	-1.31003	2.14745	4.1533	1.71917	1
cg14347389	BAZ1B	0.147682	0.330218	0.709266	-1.40991	0.376696	0.733336	-1.36363	0.629819	1.18062	1.18062	0.531317	0.805091	-1.24209	0.556819	1.22529	1.22529	0.908197	1.04023	1.04023	0.0552946	0.475782	-2.1018	0.012899	0.348029	-2.87332	0.10384	0.544394	-1.8369	2.14743	3.97566	1.64565	1
cg14976569	C19orf10	0.147683	0.620866	0.856485	-1.16756	0.74171	0.902337	-1.10823	0.0864384	0.555162	-1.80128	0.0551078	0.508803	-1.9654	0.530964	0.821028	-1.21799	0.609609	0.852128	-1.17353	0.0522743	1.98552	1.98552	0.147031	1.62179	1.62179	0.975823	0.990628	-1.00946	2.14742	3.28344	1.35913	1
cg03075725	ZNF250;ZNF250	0.147686	0.475395	0.785725	-1.27271	0.482825	1.26741	1.26741	0.571971	1.20895	1.20895	0.529161	0.809111	-1.23592	0.523486	0.806684	-1.23964	0.356547	0.729741	-1.37035	0.00558945	0.298492	-3.35018	0.14293	0.592663	-1.6873	0.856231	1.06211	1.06211	2.1474	3.75442	1.55409	1
cg10211873	KIAA0513	0.14769	0.958943	1.01923	1.01923	0.0148024	3.03348	3.03348	0.147359	1.77777	1.77777	0.86594	0.939387	-1.06452	0.379303	0.716215	-1.39623	0.0497646	2.2892	2.2892	0.457984	1.32271	1.32271	0.3227	1.4594	1.4594	0.630339	0.835734	-1.19655	2.14737	4.65754	1.92796	1
cg17804627	C1orf212;C1orf212;C1orf212	0.147696	?	?	?	0.440889	0.770248	-1.29828	0.0760688	0.519105	-1.92639	0.962436	0.984479	-1.01577	?	?	?	0.0610847	0.496067	-2.01586	0.110973	1.78025	1.78025	0.361001	1.36601	1.36601	0.614805	1.18357	1.18357	2.18607	2.97074	1.55308	1
cg07191657	MIR1265	0.147696	0.386983	0.757872	-1.31948	0.247696	1.45914	1.45914	0.022396	0.425119	-2.35228	0.362901	0.746502	-1.33958	0.0580923	0.51189	-1.95354	0.0796393	0.544335	-1.8371	0.539791	0.8236	-1.21418	0.577321	0.838603	-1.19246	0.148187	0.61573	-1.62409	2.14733	3.3242	1.37605	1
cg07870003	MTERFD3;MTERFD3	0.147698	0.00957227	0.397706	-2.51442	0.844007	0.946137	-1.05693	0.211432	1.44774	1.44774	0.89326	0.962973	-1.03845	0.391501	0.781341	-1.27985	0.816222	1.06762	1.06762	0.187429	0.675262	-1.48091	0.647607	1.13808	1.13808	0.286665	1.36473	1.36473	2.14732	2.68625	1.11198	1
cg17753212	XAF1;XAF1	0.14771	0.0798558	0.495909	-2.0165	0.156088	1.72901	1.72901	0.274473	0.66344	-1.5073	0.75883	1.11753	1.11753	0.659054	1.17378	1.17378	0.215989	1.59979	1.59979	0.0607319	2.14458	2.14458	0.0821384	2.00371	2.00371	0.727986	1.13428	1.13428	2.14723	4.42827	1.83317	1
cg14569576	NR4A3;NR4A3;NR4A3	0.14771	0.386027	0.755303	-1.32397	0.221176	1.50101	1.50101	0.533508	1.22037	1.22037	0.0381061	0.468074	-2.13641	0.117154	0.584208	-1.71172	0.131513	0.598003	-1.67223	0.163469	1.59947	1.59947	0.684566	1.13767	1.13767	0.722091	1.11939	1.11939	2.14723	3.39162	1.40403	1
cg06882298	AKAP1	0.147714	0.0806553	0.380007	-2.63153	0.289196	0.577269	-1.73229	0.50315	0.712237	-1.40403	0.0373987	0.299299	-3.34114	0.0578646	0.342695	-2.91804	0.144742	0.457371	-2.18641	0.524003	0.724341	-1.38057	0.0301135	0.279787	-3.57415	0.0927683	0.397033	-2.51868	2.14721	8.48189	3.51128	1
cg23835377	AGAP1;AGAP1	0.147716	0.113159	2.29949	2.29949	0.0274009	3.52646	3.52646	0.226906	1.84547	1.84547	0.795841	0.882296	-1.13341	0.520445	1.36975	1.36975	0.255552	1.77406	1.77406	0.0222933	3.75399	3.75399	0.0842537	2.51562	2.51562	0.745972	1.16999	1.16999	2.14719	7.93264	3.28393	1
cg04242477	LIMS2;LIMS2;LIMS2;LIMS2;LIMS2	0.147717	0.805789	0.924485	-1.08168	0.144666	0.606906	-1.6477	0.104172	0.567643	-1.76167	0.243619	1.47532	1.47532	0.429588	0.773357	-1.29306	0.608548	1.17898	1.17898	0.421886	0.769887	-1.29889	0.0482828	2.05308	2.05308	0.141256	1.65582	1.65582	2.14719	3.4551	1.43034	1
cg10235961	PLXNB1;PLXNB1	0.147718	0.236826	0.895061	-1.11724	0.136359	1.15436	1.15436	0.932421	1.00762	1.00762	0.692714	1.03617	1.03617	0.711833	0.967357	-1.03374	0.160511	1.1435	1.1435	0.672799	0.962719	-1.03873	0.233034	1.11835	1.11835	0.011773	1.32499	1.32499	2.14718	0.272078	0.112635	1
cg25880834	PLCL1	0.14772	0.407011	0.685668	-1.45843	0.97561	1.01369	1.01369	0.110106	0.460816	-2.17006	0.54073	0.759185	-1.3172	0.014842	0.263594	-3.79372	0.365889	0.661461	-1.5118	0.55405	0.76622	-1.30511	0.0884513	2.30761	2.30761	0.723005	1.17156	1.17156	2.14717	6.73095	2.78649	1
cg01093801	SETD1B	0.147726	0.899604	0.963694	-1.03767	0.106836	1.67504	1.67504	0.0976542	1.70313	1.70313	0.783993	1.08384	1.08384	0.0622905	0.540717	-1.8494	0.36753	1.31155	1.31155	0.258671	1.41242	1.41242	0.0484614	1.93586	1.93586	0.413809	1.27734	1.27734	2.14712	2.9193	1.20856	1
cg19256656	PPP1R10	0.147727	0.110596	0.37741	-2.64964	0.326177	1.765	1.765	0.79359	0.863325	-1.15831	0.331412	0.57027	-1.75356	0.0965044	0.359618	-2.78073	0.718083	0.816121	-1.22531	0.0119436	0.172387	-5.80091	0.812719	1.14227	1.14227	0.204667	0.472315	-2.11723	2.14711	10.6816	4.4221	1
cg10584478	BAHCC1	0.147728	0.545988	1.16866	1.16866	0.450611	1.2166	1.2166	0.917106	1.02691	1.02691	0.379728	0.794665	-1.25839	0.251722	0.736818	-1.35719	0.252875	0.737413	-1.35609	0.134836	0.66287	-1.50859	0.185824	0.699209	-1.43019	0.00954631	0.432901	-2.31	2.14711	2.21227	0.915865	1
cg08127422	GAN	0.147728	0.146508	0.591302	-1.69118	0.0666362	0.499906	-2.00038	0.787792	1.09522	1.09522	0.0162118	0.371061	-2.69497	0.733579	1.12208	1.12208	0.627499	0.848014	-1.17923	0.171827	1.63293	1.63293	0.629196	0.848714	-1.17825	0.820844	0.92638	-1.07947	2.14711	3.86509	1.60012	1
cg03726569	SAFB2	0.147732	0.797112	1.06385	1.06385	0.945263	0.98364	-1.01663	0.130769	0.675704	-1.47994	0.215786	1.36747	1.36747	0.0143358	0.484171	-2.06539	0.159467	0.696858	-1.43501	0.460646	1.19775	1.19775	0.940111	1.01821	1.01821	0.265095	0.756529	-1.32183	2.14708	1.96251	0.812475	1
cg14397893	KLHL29	0.147733	0.0590196	0.325457	-3.07261	0.120694	0.412254	-2.42569	0.025107	0.245931	-4.06618	0.815861	0.884425	-1.13068	0.0208078	0.231099	-4.32715	0.406458	0.63946	-1.56382	0.326587	0.586698	-1.70446	0.667339	0.796398	-1.25565	0.902246	0.937354	-1.06683	2.14707	9.42625	3.90247	1
cg22863889	RXFP4	0.147737	0.435352	1.49051	1.49051	0.00584272	6.10911	6.10911	0.166166	2.09687	2.09687	0.932541	0.958432	-1.04337	0.562413	0.745499	-1.34138	0.783798	0.871165	-1.14789	0.685801	1.22625	1.22625	0.657815	0.799678	-1.2505	0.432371	0.6691	-1.49454	2.14705	8.55158	3.5404	1
cg01654638	BATF2;BATF2	0.147737	0.241154	0.587445	-1.70229	0.550576	0.769641	-1.29931	0.0136573	0.266471	-3.75276	0.0702598	0.415893	-2.40447	0.192221	0.549662	-1.8193	0.0446461	0.368057	-2.71697	0.123197	0.484805	-2.06269	0.457705	0.720452	-1.38802	0.170644	0.531214	-1.88248	2.14705	6.39188	2.64627	1
cg10484675	SNCAIP	0.147738	0.035144	0.464327	-2.15366	0.0266696	0.43999	-2.27278	0.105053	0.574832	-1.73964	0.202379	0.656562	-1.52309	0.868551	0.94954	-1.05314	0.315054	0.722705	-1.38369	0.321488	0.726018	-1.37738	0.611977	1.1734	1.1734	0.0757637	0.539099	-1.85495	2.14704	3.32288	1.3757	1
cg06074958	NACA;NACA;NACA;NACA;NACA;NACA	0.147743	0.343131	0.661945	-1.5107	0.27408	0.618305	-1.61732	0.391973	0.690395	-1.44845	0.467956	0.731998	-1.36612	0.355127	0.669087	-1.49457	0.646362	0.822702	-1.21551	0.00701702	0.229327	-4.36059	0.0604447	0.408852	-2.44587	0.0708646	0.426315	-2.34568	2.147	6.0682	2.51232	1
cg03324087	ST8SIA3	0.147744	0.471602	0.894268	-1.11823	0.335173	1.16378	1.16378	0.310199	1.17381	1.17381	0.0205928	0.653369	-1.53053	0.204882	0.815346	-1.22647	0.897546	0.980532	-1.01985	0.0838219	1.33908	1.33908	0.784358	1.04275	1.04275	0.481928	0.896662	-1.11525	2.147	0.791934	0.327872	1
cg24063199	GPC1	0.147745	0.68979	1.10932	1.10932	0.0332356	0.525413	-1.90326	0.669041	0.894768	-1.11761	0.274946	1.34139	1.34139	0.0242387	0.499271	-2.00292	0.120915	0.647337	-1.54479	0.933481	1.02182	1.02182	0.86116	0.955743	-1.04631	0.740668	1.08968	1.08968	2.147	2.27352	0.941272	1
cg07829209	PLK1	0.147745	0.0264342	0.696347	-1.43607	0.180208	0.822266	-1.21615	0.259719	0.850723	-1.17547	0.34186	0.874004	-1.14416	0.0137933	0.657989	-1.51978	0.139805	0.80375	-1.24417	0.534596	0.917153	-1.09033	0.779901	0.96221	-1.03927	0.123306	0.794892	-1.25803	2.14699	0.642949	0.266191	1
cg14870136	ATP11A;ATP11A	0.147745	0.381736	1.52613	1.52613	0.00712742	0.194421	-5.14348	0.110269	0.440366	-2.27084	0.640726	0.801334	-1.24792	0.139742	0.472938	-2.11444	0.418752	0.67751	-1.47599	0.278784	0.588227	-1.70002	0.450806	0.696246	-1.43627	0.542387	0.747825	-1.33721	2.14699	7.55033	3.12596	1
cg23837220	WDFY4	0.147746	0.265949	0.563582	-1.77436	0.020272	0.250434	-3.99308	0.193176	0.506005	-1.97626	0.738579	1.18021	1.18021	0.315858	0.598687	-1.67032	0.0345422	0.295416	-3.38505	0.105991	0.417522	-2.39509	0.147176	0.463232	-2.15874	0.875408	1.08071	1.08071	2.14699	8.32143	3.44521	1
cg07281414	SLC25A28	0.147747	0.537381	1.10068	1.10068	0.0504538	1.40841	1.40841	0.276068	0.840265	-1.1901	0.326602	1.16832	1.16832	0.682691	0.938816	-1.06517	0.984049	0.996934	-1.00308	0.254157	0.832845	-1.2007	0.126952	0.77603	-1.28861	0.0601868	1.3849	1.3849	2.14698	0.802324	0.332177	1
cg07699237	INPP5A	0.147749	0.929378	0.976615	-1.02394	0.820024	1.06272	1.06272	0.315532	1.3192	1.3192	0.68581	1.11468	1.11468	0.0197882	0.471802	-2.11953	0.260533	1.36788	1.36788	0.244458	1.38408	1.38408	0.963933	1.01214	1.01214	0.0649434	0.575076	-1.7389	2.14697	2.42299	1.00317	1
cg26044566	PRDM16;PRDM16	0.14775	0.0751558	0.722112	-1.38483	0.877143	0.974902	-1.02574	0.701316	1.06537	1.06537	0.805205	0.960215	-1.04143	0.555713	0.906721	-1.10287	0.551137	0.905668	-1.10416	0.0283484	1.52997	1.52997	0.530348	1.11009	1.11009	0.0577196	0.702873	-1.42273	2.14696	0.917945	0.38005	1
cg03991326	RPL7	0.147753	0.249246	1.88846	1.88846	0.465992	1.47944	1.47944	0.170584	2.16065	2.16065	0.639282	1.28303	1.28303	0.0709592	0.344715	-2.90095	0.0316522	0.264468	-3.78118	0.2546	0.533661	-1.87385	0.647247	0.78409	-1.27536	0.519043	0.708147	-1.41214	2.14694	9.47694	3.9237	1
cg18384214	ADRA2A	0.147756	0.774008	1.09638	1.09638	0.844437	1.0648	1.0648	0.464732	1.26848	1.26848	0.523688	1.22943	1.22943	0.852282	1.06139	1.06139	0.3718	1.34056	1.34056	0.883349	0.954158	-1.04804	0.680045	1.14173	1.14173	0.00463214	0.299996	-3.33338	2.14691	3.47359	1.43817	1
cg02626977	CDKN3;CDKN3	0.147757	0.0324301	0.562361	-1.77822	0.478185	1.18027	1.18027	0.298784	1.28088	1.28088	0.110038	1.49238	1.49238	0.687859	1.09728	1.09728	0.707745	0.917077	-1.09042	0.665161	1.10527	1.10527	0.163724	1.40722	1.40722	0.0719983	1.58666	1.58666	2.14691	1.79651	0.74381	1
cg27632435	TUBA1C	0.147759	0.942729	0.938392	-1.06565	0.440824	0.498728	-2.0051	0.86015	0.855492	-1.16892	0.99089	0.989946	-1.01016	0.590002	0.617887	-1.61842	0.641742	0.660538	-1.51392	0.140807	0.246089	-4.06357	0.800887	0.799587	-1.25065	0.00638008	23.1408	23.1408	2.14689	26.6343	11.0275	1
cg21847800	SCG3;SCG3	0.147761	0.983827	1.00925	1.00925	0.00950687	0.224774	-4.44891	0.907223	0.948408	-1.0544	0.257887	1.70988	1.70988	0.724805	0.851637	-1.17421	0.829529	0.906679	-1.10293	0.138556	0.484572	-2.06368	0.200361	0.54087	-1.84887	0.365352	1.52591	1.52591	2.14688	7.01924	2.90623	1
cg09923978	OR5B12	0.147762	0.0453846	0.134872	-7.41445	0.85204	0.849608	-1.17701	0.0654834	0.16454	-6.07754	0.123598	0.233207	-4.28804	0.281443	0.376396	-2.65677	0.0950847	0.201703	-4.95779	0.560078	0.597893	-1.67254	0.0419729	0.129277	-7.73531	0.051519	0.144465	-6.92211	2.14688	25.9065	10.7263	1
cg16159925	CDR1;CDR1	0.147763	0.224345	1.90283	1.90283	0.129179	0.437618	-2.2851	0.342872	0.611073	-1.63647	0.81708	0.88978	-1.12387	0.0168948	0.230172	-4.34457	0.320542	1.67755	1.67755	0.356816	1.61233	1.61233	0.64442	1.26396	1.26396	0.506597	1.40445	1.40445	2.14687	8.63814	3.57654	1
cg27088038	SLC24A4;SLC24A4;SLC24A4	0.147766	0.205226	0.740129	-1.35112	0.843771	0.956547	-1.04543	0.084561	0.650805	-1.53656	0.864549	0.962287	-1.03919	0.00821428	0.467046	-2.14112	0.788531	1.0624	1.0624	0.497259	0.856269	-1.16786	0.576578	1.13543	1.13543	0.142264	0.701044	-1.42644	2.14685	1.72368	0.713677	1
cg08591048	RIMBP3C;RIMBP3B	0.147768	0.112679	0.455542	-2.19519	0.579866	1.28996	1.28996	0.593837	1.27774	1.27774	0.733377	0.855826	-1.16846	0.0218885	0.285824	-3.49866	0.715063	0.846244	-1.18169	0.122569	0.466792	-2.14228	0.0450582	0.350941	-2.84948	0.211444	0.549118	-1.8211	2.14683	7.0496	2.91886	1
cg01396855	ZNF225	0.147769	0.4476	0.864313	-1.15699	0.663783	1.08589	1.08589	0.511614	0.882132	-1.13362	0.334011	1.2065	1.2065	0.960437	1.00939	1.00939	0.628142	0.91215	-1.09631	0.00885338	0.533797	-1.87337	0.515256	1.13236	1.13236	0.143965	1.34414	1.34414	2.14683	1.20683	0.499685	1
cg13464059	SPPL2B;SPPL2B	0.147771	0.113558	2.02115	2.02115	0.605157	0.808044	-1.23756	0.931075	0.965264	-1.03599	0.063889	2.34237	2.34237	0.490258	0.750967	-1.33162	0.644146	1.20936	1.20936	0.223329	1.68688	1.68688	0.0270138	2.91551	2.91551	0.0764329	2.23781	2.23781	2.14682	5.67861	2.35123	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15089487	LRRC49;THAP10	0.147773	0.141078	1.83151	1.83151	0.0281388	2.6945	2.6945	0.332251	1.46579	1.46579	0.325816	0.678515	-1.47381	0.160664	1.77337	1.77337	0.216051	1.64496	1.64496	0.191039	0.589041	-1.69768	0.465776	0.752946	-1.32812	0.946504	1.02598	1.02598	2.1468	4.96912	2.05748	1
cg14414501	SORCS2	0.147775	0.256401	0.75072	-1.33205	0.114628	1.51482	1.51482	0.612903	0.883839	-1.13143	0.0940205	0.640421	-1.56147	0.239456	0.742192	-1.34736	0.498798	0.846887	-1.18079	0.946036	0.98375	-1.01652	0.673587	1.10798	1.10798	0.0175624	0.496883	-2.01254	2.14679	1.99172	0.824683	1
cg21699342	ASB1	0.147775	0.125157	0.359075	-2.78493	0.0531496	0.257749	-3.87975	0.404633	0.59086	-1.69245	0.100316	0.329252	-3.03718	0.0617613	0.273025	-3.66266	0.0674114	0.282359	-3.54159	0.04049	0.232231	-4.30605	0.739181	0.813687	-1.22897	0.101823	0.331171	-3.01959	2.14679	12.9462	5.36045	1
cg25409308	PPP2R1B	0.147776	0.465173	0.84824	-1.17891	0.834785	1.04733	1.04733	0.0520968	1.63112	1.63112	0.767278	1.06792	1.06792	0.0592083	0.623961	-1.60266	0.0575463	1.60896	1.60896	0.296663	1.27074	1.27074	0.540495	1.14707	1.14707	0.466889	0.848796	-1.17814	2.14678	1.66712	0.690282	1
cg17997363	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.147781	0.122334	0.503222	-1.98719	0.663455	0.83563	-1.1967	0.0968935	2.1114	2.1114	0.0753518	2.25244	2.25244	0.177972	1.79867	1.79867	0.621711	1.22628	1.22628	0.297236	1.5577	1.5577	0.0578871	2.40933	2.40933	0.210711	1.71752	1.71752	2.14674	5.71889	2.36799	1
cg05479174	SFRS8	0.147782	0.879552	1.05568	1.05568	0.113176	1.85158	1.85158	0.889583	1.05089	1.05089	0.838411	1.07569	1.07569	0.00939684	0.308307	-3.24352	0.242097	1.54882	1.54882	0.614902	0.834214	-1.19873	0.958542	1.01875	1.01875	0.396573	0.733291	-1.36372	2.14673	4.34137	1.79761	1
cg08466179	CMPK1;CMPK1	0.147786	0.332466	0.889343	-1.12443	0.497241	0.92234	-1.0842	0.17409	0.844002	-1.18483	0.0148604	1.42112	1.42112	0.245091	1.15329	1.15329	0.9376	0.990858	-1.00923	0.224366	0.86096	-1.16149	0.524789	1.07853	1.07853	0.609817	0.941414	-1.06223	2.14671	0.467772	0.193691	1
cg10254698	C14orf142	0.147786	0.209015	0.538019	-1.85867	0.0813874	0.404859	-2.47	0.678956	0.822986	-1.21509	0.503615	0.727822	-1.37396	0.0107366	0.222996	-4.48439	0.920502	1.04784	1.04784	0.207518	0.536802	-1.86289	0.71115	1.19019	1.19019	0.0709988	0.389014	-2.5706	2.14671	7.44927	3.08453	1
cg13405161	EIF2C2;EIF2C2	0.14779	0.663015	0.895959	-1.11612	0.575564	1.15227	1.15227	0.0437574	1.78741	1.78741	0.873633	1.04069	1.04069	0.857136	0.955853	-1.04619	0.303998	1.3057	1.3057	0.0874951	0.623343	-1.60425	0.155978	1.46274	1.46274	0.0903103	0.626456	-1.59628	2.14668	2.13448	0.883835	1
cg10331073	APBB1IP	0.147795	0.250926	1.76093	1.76093	0.224013	0.547425	-1.82674	0.159098	2.03371	2.03371	0.0907051	2.40878	2.40878	0.953507	1.02788	1.02788	0.163042	0.495436	-2.01842	0.277446	0.586975	-1.70365	0.171003	0.502793	-1.98889	0.189801	1.92526	1.92526	2.14665	7.56429	3.13223	1
cg27026033	FNDC3B;FNDC3B	0.147797	0.458484	0.864017	-1.15738	0.0811983	1.45398	1.45398	0.18215	1.31545	1.31545	0.696353	0.926877	-1.07889	0.114837	1.39376	1.39376	0.319152	0.819272	-1.2206	0.660197	1.08944	1.08944	0.312749	1.22406	1.22406	0.0231348	1.6918	1.6918	2.14663	1.27455	0.527772	1
cg11220908	CPT1A;CPT1A	0.147805	0.0121609	0.534167	-1.87207	0.381183	1.19749	1.19749	0.381666	0.835243	-1.19726	0.303156	1.23863	1.23863	0.130832	0.720834	-1.38728	0.97031	1.0075	1.0075	0.965557	0.991373	-1.0087	0.958131	0.989521	-1.01059	0.12372	0.715677	-1.39728	2.14658	1.36872	0.566782	1
cg03523485	GALNT9;LOC100130238	0.147807	0.0603296	0.339272	-2.94749	0.113447	2.40828	2.40828	0.579681	1.33038	1.33038	0.725963	1.19669	1.19669	0.0538818	0.327329	-3.05503	0.258823	0.548179	-1.82422	0.218853	0.516914	-1.93456	0.206393	0.506588	-1.97399	0.286703	0.568634	-1.7586	2.14657	8.85186	3.66554	1
cg05127548	ADC	0.147808	0.140099	1.84445	1.84445	0.0275211	2.73263	2.73263	0.550977	1.26195	1.26195	0.0786369	2.12392	2.12392	0.140042	0.542112	-1.84464	0.526484	1.28082	1.28082	0.515403	0.775416	-1.28963	0.242187	1.60329	1.60329	0.335851	1.46626	1.46626	2.14656	5.05615	2.09375	1
cg14385557	MB	0.14781	0.602932	0.897764	-1.11388	0.206783	1.31471	1.31471	0.118058	1.4173	1.4173	0.304305	0.803627	-1.24436	0.298458	0.801338	-1.24791	0.540947	0.880568	-1.13563	0.333185	0.81454	-1.22769	0.378036	0.830386	-1.20426	0.0264355	1.71746	1.71746	2.14655	1.43565	0.594506	1
cg10051620	CMTM4;CMTM4	0.14781	0.36379	0.793592	-1.26009	0.0462455	0.562421	-1.77803	0.387154	1.24544	1.24544	0.537311	1.16693	1.16693	0.822975	1.05684	1.05684	0.269778	0.75183	-1.33009	0.31629	0.773463	-1.29289	0.507933	1.18063	1.18063	0.0342698	1.86696	1.86696	2.25781	2.13012	0.733791	1
cg20231883	SCTR	0.147816	0.44742	0.856864	-1.16705	0.483002	1.15284	1.15284	0.830567	0.958152	-1.04368	0.988866	1.00279	1.00279	0.231204	1.28472	1.28472	0.86175	0.965823	-1.03539	0.0126613	1.8557	1.8557	0.0460766	1.57778	1.57778	0.187241	1.32162	1.32162	2.1465	1.35304	0.560307	1
cg21707172	TIAM2;TIAM2	0.147817	0.439994	0.728267	-1.37312	0.150132	0.537338	-1.86103	0.0691485	0.440983	-2.26766	0.862205	0.932442	-1.07245	0.186273	0.568828	-1.758	0.517612	0.767879	-1.30229	0.0226808	0.333405	-2.99936	0.13856	0.526233	-1.9003	0.197046	1.73171	1.73171	2.14649	5.51113	2.28222	1
cg00297832	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.14782	0.945706	1.03275	1.03275	0.146863	2.0892	2.0892	0.487838	0.716384	-1.3959	0.700334	1.20082	1.20082	0.489369	1.39421	1.39421	0.457882	1.43008	1.43008	0.0238414	3.58273	3.58273	0.0738142	2.56774	2.56774	0.0300312	3.34589	3.34589	2.14648	7.61293	3.15263	1
cg14343214	EYA4;EYA4;EYA4	0.14782	0.751186	1.36975	1.36975	0.148484	4.63152	4.63152	0.048056	9.34635	9.34635	0.509113	0.515599	-1.93949	0.166504	0.232454	-4.30192	0.310672	0.354336	-2.82218	0.682624	0.665898	-1.50173	0.14137	4.77932	4.77932	0.103699	5.81213	5.81213	2.14648	33.2563	13.7719	1
cg09576882	POLS	0.147822	0.155241	0.755766	-1.32316	0.0480828	0.659695	-1.51585	0.519281	1.12782	1.12782	0.441543	0.865466	-1.15545	0.845428	0.964702	-1.03659	0.203847	0.781209	-1.28007	0.00987957	0.548687	-1.82253	0.515624	0.885708	-1.12904	0.862637	0.968619	-1.0324	2.14646	1.15237	0.477219	1
cg02907513	MNAT1	0.147823	0.663572	0.900906	-1.10999	0.0532392	1.68812	1.68812	0.0198639	1.95499	1.95499	0.572097	0.872737	-1.14582	0.828062	1.05323	1.05323	0.187243	1.39553	1.39553	0.345115	0.793067	-1.26093	0.778353	0.934933	-1.0696	0.19411	1.38758	1.38758	2.14645	1.93258	0.80032	1
cg16721265	COPS6	0.147825	0.244088	1.17637	1.17637	0.958797	1.00691	1.00691	0.615529	1.06982	1.06982	0.197562	1.19906	1.19906	0.0342581	0.719487	-1.38988	0.100957	1.27051	1.27051	0.194394	0.832787	-1.20079	0.198225	1.1987	1.1987	0.75823	1.04201	1.04201	2.14644	0.603908	0.250092	1
cg00064020	AP2M1;AP2M1	0.147829	0.0657238	1.92199	1.92199	0.627131	1.16751	1.16751	0.53789	1.21815	1.21815	0.0561699	1.98231	1.98231	0.347161	0.736193	-1.35834	0.719366	0.892122	-1.12092	0.302928	0.713475	-1.40159	0.0473774	2.04973	2.04973	0.204168	1.52799	1.52799	2.14642	3.40267	1.40914	1
cg24725642	HLA-L	0.147829	0.217226	1.45605	1.45605	0.644554	1.1439	1.1439	0.695984	1.12036	1.12036	0.827229	1.0653	1.0653	0.00999877	0.390146	-2.56314	0.0914478	1.71243	1.71243	0.928865	0.97449	-1.02618	0.59	1.1705	1.1705	0.966625	0.987964	-1.01218	2.14641	2.84732	1.17915	1
cg08149838	CCDC108	0.14783	0.0556998	0.702751	-1.42298	0.848698	0.969402	-1.03156	0.16628	0.786497	-1.27146	0.0601861	0.708277	-1.41188	0.0311003	0.662523	-1.50938	0.0954398	0.742271	-1.34722	0.673024	0.933269	-1.0715	0.0533445	0.699689	-1.42921	0.394038	0.867581	-1.15263	2.14641	0.899952	0.372696	1
cg22513169	RAB11FIP1;RAB11FIP1;RAB11FIP1;RAB11FIP1	0.147831	0.0674145	0.18909	-5.28849	0.553064	1.62854	1.62854	0.716538	1.34495	1.34495	0.0153733	0.0891482	-11.2173	0.316007	2.32228	2.32228	0.568348	0.625865	-1.59779	?	?	?	0.738513	1.31296	1.31296	0.762909	1.27875	1.27875	2.16379	20.1208	9.29887	1
cg27334499	LY6G5C	0.147833	0.90278	0.950996	-1.05153	0.582265	1.25663	1.25663	0.100569	0.477304	-2.0951	0.309488	1.54102	1.54102	0.326003	0.659036	-1.51737	0.0266221	0.339476	-2.94571	0.158403	1.85886	1.85886	0.750687	1.14005	1.14005	0.176297	0.553711	-1.806	2.14639	5.74716	2.38009	1
cg02578103	CES8	0.147834	0.22931	0.427735	-2.3379	0.910965	0.92746	-1.07821	0.278243	0.468114	-2.13623	0.281243	0.470503	-2.12538	0.0568246	0.234289	-4.26823	0.0414635	0.205367	-4.86934	0.0209421	0.154061	-6.49093	0.16714	0.371041	-2.69512	0.0951894	0.291039	-3.43597	2.14638	15.407	6.38055	1
cg23797073	DTNBP1;DTNBP1;DTNBP1	0.147834	0.0183064	0.622184	-1.60724	0.22983	1.23219	1.23219	0.591479	0.914129	-1.09394	0.519304	0.897394	-1.11434	0.388093	0.863643	-1.15789	0.110159	1.33448	1.33448	0.829497	1.03639	1.03639	0.229997	1.23209	1.23209	0.542318	1.10762	1.10762	2.14638	0.933589	0.386631	1
cg16175906	BAT3;BAT3;BAT3;BAT3	0.147835	0.325424	0.66457	-1.50473	0.642164	0.828354	-1.20721	0.184795	0.567793	-1.7612	0.227561	0.600653	-1.66485	0.0155742	0.303113	-3.2991	0.0610319	0.427593	-2.33867	0.145935	0.533558	-1.87421	0.506045	1.31197	1.31197	0.0999606	0.484135	-2.06554	2.14637	5.50489	2.27977	1
cg06590610	IKZF1	0.147836	0.972158	1.01508	1.01508	0.213085	0.569948	-1.75455	0.0211838	0.304798	-3.28086	0.914689	1.04702	1.04702	0.017308	0.288531	-3.46583	0.452225	0.720105	-1.38869	0.096194	0.456916	-2.18858	0.481866	0.736022	-1.35865	0.34137	0.656809	-1.52251	2.14636	6.2491	2.58799	1
cg17966709	ZDHHC5	0.147838	0.20239	0.848111	-1.17909	0.227847	1.16759	1.16759	0.244167	1.16084	1.16084	0.101753	0.803102	-1.24517	0.0642535	0.775299	-1.28983	0.110206	0.808083	-1.2375	0.377462	0.895072	-1.11723	0.336549	1.12895	1.12895	0.838528	1.02529	1.02529	2.14635	0.509328	0.210933	1
cg09248944	CD302	0.147839	0.0637304	1.12913	1.12913	0.0539196	1.13599	1.13599	0.22827	1.07647	1.07647	0.685875	0.976586	-1.02398	0.599237	1.03138	1.03138	0.363998	0.947095	-1.05586	0.0567854	0.881944	-1.13386	0.726566	1.02067	1.02067	0.767724	1.01741	1.01741	2.14634	0.115411	0.0477966	1
cg07563761	GALNT9;LOC100130238	0.147839	0.152399	0.457372	-2.1864	0.27775	1.77889	1.77889	0.602909	1.30712	1.30712	0.509556	1.40692	1.40692	0.112308	0.413855	-2.41631	0.484035	1.43753	1.43753	0.0151545	0.218152	-4.58396	0.613541	0.771151	-1.29676	0.547724	0.733126	-1.36402	2.14634	8.85206	3.666	1
cg03290752	TBL1XR1	0.147841	0.0573865	4.96013	4.96013	0.839043	0.859399	-1.1636	0.871173	0.886109	-1.12853	0.412379	0.535577	-1.86714	0.292817	2.25484	2.25484	0.685972	0.738717	-1.3537	0.929357	0.936073	-1.06829	0.0237832	7.4651	7.4651	0.0588215	4.90374	4.90374	2.14633	18.8685	7.81427	1
cg14157019	SPRED2;SPRED2	0.147842	0.108886	0.804191	-1.24349	0.411923	0.90072	-1.11022	0.524418	0.92275	-1.08372	0.583497	0.933318	-1.07145	0.61699	1.06486	1.06486	0.0669539	0.774187	-1.29168	0.0283018	1.38085	1.38085	0.384781	1.11746	1.11746	0.854033	1.02322	1.02322	2.14632	0.528017	0.218676	1
cg14601136	DGKG;DGKG;DGKG	0.147846	0.188433	1.3151	1.3151	0.896721	0.974797	-1.02585	0.520796	1.13648	1.13648	0.203019	1.3023	1.3023	0.732517	0.934791	-1.06976	0.132256	1.37616	1.37616	0.0462666	0.638406	-1.5664	0.110996	0.710859	-1.40675	0.295584	0.808002	-1.23762	2.14629	1.31325	0.543882	1
cg18498537	TMTC3;CEP290	0.147847	0.272323	0.761482	-1.31323	0.907709	1.02804	1.02804	0.537875	0.861782	-1.16039	0.124923	1.48606	1.48606	0.01148	0.470401	-2.12585	0.276518	0.763435	-1.30987	0.147076	0.68999	-1.4493	0.94758	0.984442	-1.0158	0.902276	1.02973	1.02973	2.14629	1.93327	0.800668	1
cg19414040	HMP19	0.14785	0.152749	0.435787	-2.2947	0.0115253	0.180184	-5.54988	0.0770913	0.344349	-2.90403	0.568366	0.731459	-1.36713	0.0735893	0.33897	-2.95011	0.257147	0.526546	-1.89917	0.10046	0.376832	-2.6537	0.183745	0.465387	-2.14875	0.652355	0.781959	-1.27884	2.14627	9.99909	4.14118	1
cg02267756	SGK2;SGK2	0.147852	0.163617	3.65553	3.65553	0.205093	3.20835	3.20835	0.475905	1.88154	1.88154	0.0548345	6.67813	6.67813	0.901732	1.11372	1.11372	0.121621	4.31986	4.31986	0.0190082	11.892	11.892	0.0557469	6.61871	6.61871	0.135675	4.06385	4.06385	2.14625	25.8425	10.7029	1
cg05282044	QSER1	0.147853	0.623647	1.09208	1.09208	0.580729	1.10446	1.10446	0.703125	1.07058	1.07058	0.330483	1.19584	1.19584	0.986246	1.00308	1.00308	0.452865	1.14591	1.14591	0.23528	0.801275	-1.24801	0.182562	1.28652	1.28652	0.00559901	1.91153	1.91153	2.14625	1.07831	0.446593	1
cg19607838	STK4	0.147853	0.17474	0.705931	-1.41657	0.250581	1.33594	1.33594	0.226258	1.35871	1.35871	0.126076	0.670783	-1.49079	0.130175	1.48344	1.48344	0.595917	0.878874	-1.13782	0.0492429	0.581876	-1.71858	0.484623	1.18689	1.18689	0.841248	0.95277	-1.04957	2.14624	1.97839	0.819371	1
cg13579574	CSPG4	0.147857	0.528472	0.898636	-1.1128	0.76421	0.950901	-1.05163	0.016965	1.62791	1.62791	0.475903	1.12899	1.12899	0.249808	0.817684	-1.22297	0.588858	1.09562	1.09562	0.141048	1.30335	1.30335	0.800671	0.958544	-1.04325	0.129571	0.760277	-1.31531	2.14622	0.952049	0.394305	1
cg07793224	NADSYN1	0.14786	0.847683	0.914476	-1.09352	0.116229	0.452186	-2.21148	0.161718	0.499207	-2.00318	0.0772856	0.401253	-2.49219	0.0573297	0.368007	-2.71734	0.298162	1.65104	1.65104	0.390981	0.664544	-1.50479	0.169905	0.506772	-1.97328	0.0427058	0.338011	-2.95849	2.1462	7.34756	3.04313	1
cg00652264	DDHD1;DDHD1;DDHD1	0.147862	0.647806	1.06519	1.06519	0.364098	1.13662	1.13662	0.981211	1.00324	1.00324	0.707849	1.05305	1.05305	0.241584	1.1833	1.1833	0.352564	0.87691	-1.14037	0.0138881	0.658783	-1.51795	0.0826007	0.767993	-1.30209	0.732171	1.0483	1.0483	2.14618	0.640858	0.265426	1
cg14127954	KCNE2	0.147862	0.779668	0.848525	-1.17852	0.204355	0.456363	-2.19124	?	?	?	0.599409	0.73314	-1.364	0.0241021	0.206928	-4.8326	0.0569803	0.283229	-3.53071	0.0878301	0.331734	-3.01446	0.147577	0.402513	-2.48439	0.0869662	0.330531	-3.02543	2.16356	10.448	4.82907	1
cg25400901	DDR1;DDR1;DDR1	0.147864	0.0986692	1.56119	1.56119	0.673939	1.10971	1.10971	0.0727152	0.611086	-1.63643	0.317564	1.28936	1.28936	0.471649	1.19735	1.19735	0.883449	0.964558	-1.03674	0.275621	0.756544	-1.3218	0.041652	1.78197	1.78197	0.249279	1.34476	1.34476	2.14617	2.05691	0.851918	1
cg23054676	MTRR;MTRR;FASTKD3;MTRR	0.147866	0.234903	1.23759	1.23759	0.557632	1.10687	1.10687	0.203322	1.25848	1.25848	0.216646	1.24931	1.24931	0.131496	1.3215	1.3215	0.402933	0.863683	-1.15783	0.0318555	0.650077	-1.53828	0.762403	1.05329	1.05329	0.157505	1.29536	1.29536	2.14615	0.996407	0.412689	1
cg14171460	PRDM16;PRDM16	0.147868	0.372807	1.59036	1.59036	0.015937	4.46681	4.46681	0.747716	0.849039	-1.1778	0.945337	1.03538	1.03538	0.848613	1.10176	1.10176	0.35746	1.6159	1.6159	0.111205	0.414839	-2.41057	0.0778417	2.70118	2.70118	0.755379	0.853441	-1.17173	2.14614	8.74012	3.61999	1
cg15681255	PTK2B;PTK2B;PTK2B;PTK2B	0.147868	0.259552	0.573034	-1.7451	0.0452193	2.9673	2.9673	0.652419	1.23942	1.23942	0.712708	0.839383	-1.19135	0.0878523	0.409902	-2.43961	0.515644	1.36623	1.36623	0.834149	0.905507	-1.10435	0.12797	2.17941	2.17941	0.135189	0.466554	-2.14337	2.14614	7.6179	3.15518	1
cg25533997	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.147873	0.048431	0.224842	-4.44758	0.213722	0.420416	-2.3786	0.786217	1.19713	1.19713	0.464967	0.611291	-1.63588	0.0395165	0.206805	-4.83548	0.266792	0.464994	-2.15056	0.0303839	0.185576	-5.38861	0.0949774	0.296899	-3.36814	0.186575	0.395869	-2.52609	2.14611	14.8886	6.16665	1
cg13146040	NCOR2;NCOR2	0.147883	0.672038	1.27766	1.27766	0.034992	4.11116	4.11116	0.0104407	6.39275	6.39275	0.940925	1.04357	1.04357	0.312038	0.547835	-1.82537	0.343292	1.75378	1.75378	0.616824	1.3368	1.3368	0.498763	1.48458	1.48458	0.884783	1.08701	1.08701	2.14604	11.2537	4.66129	1
cg03163246	PPBPL2	0.147884	0.134548	0.622139	-1.60736	0.195435	0.668466	-1.49596	0.415846	0.783001	-1.27714	0.563223	0.842056	-1.18757	0.629896	0.86691	-1.15352	0.867037	0.951906	-1.05052	0.126819	1.6254	1.6254	0.790356	1.08153	1.08153	0.0116117	0.39533	-2.52953	2.14603	2.94078	1.21807	1
cg08056990	LRDD;LRDD;LRDD	0.147885	0.742611	0.831448	-1.20272	0.154298	2.34936	2.34936	0.147951	2.38551	2.38551	0.793943	0.863621	-1.15791	0.0213721	0.212453	-4.70692	0.779515	0.854531	-1.17023	0.0814216	0.338956	-2.95024	0.950139	1.03565	1.03565	0.484482	0.671699	-1.48876	2.14603	10.6638	4.41697	1
cg00404400	DGKG;DGKG;DGKG	0.147885	0.113211	0.575442	-1.73779	0.580564	1.19593	1.19593	0.316716	1.39351	1.39351	0.235432	0.671234	-1.48979	0.847005	0.939953	-1.06388	0.115476	0.57777	-1.73079	0.0178093	0.397106	-2.51822	0.194237	0.643854	-1.55315	0.232936	0.669666	-1.49328	2.14602	3.49313	1.44686	1
cg05807991	TRAM1L1	0.147887	0.133301	0.505603	-1.97784	0.10479	0.473982	-2.10979	0.348786	0.666163	-1.50113	0.591882	0.796195	-1.25597	0.0454713	0.380566	-2.62767	0.906894	0.951921	-1.05051	0.0719	0.429069	-2.33063	0.205461	1.75514	1.75514	0.340302	1.51265	1.51265	2.14601	6.02803	2.49684	1
cg03540175	CCDC36;CCDC36;CCDC36	0.147887	0.18374	3.31171	3.31171	0.473932	0.538816	-1.85592	0.37522	2.16572	2.16572	0.889608	1.12515	1.12515	0.246177	0.357087	-2.80044	0.878542	0.878231	-1.13865	0.220269	2.98717	2.98717	0.455641	1.90633	1.90633	0.00893842	16.8407	16.8407	2.14601	24.5036	10.1495	1
cg17648103	FBXO3;FBXO3	0.147887	0.529954	0.812981	-1.23004	0.866278	1.05627	1.05627	0.0859988	1.86981	1.86981	0.166841	0.61667	-1.62161	0.102222	0.554854	-1.80228	0.0323788	0.434223	-2.30297	0.50625	1.24547	1.24547	0.721367	1.12342	1.12342	0.524795	1.23335	1.23335	2.25722	3.69126	1.27191	1
cg24670383	COPZ1	0.14789	0.15487	0.634044	-1.57718	0.0333289	0.475048	-2.10505	0.23218	1.45497	1.45497	0.223535	1.46627	1.46627	0.824438	0.935669	-1.06875	0.142187	0.623622	-1.60354	0.297235	0.723674	-1.38184	0.438385	0.789346	-1.26687	0.290915	1.38818	1.38818	2.14599	3.04407	1.26088	1
cg02485328	EBF1	0.147891	0.0319299	15.7744	15.7744	0.582907	1.83773	1.83773	0.747733	1.42488	1.42488	0.99766	1.00322	1.00322	0.0749123	8.81519	8.81519	0.647787	0.603691	-1.65648	0.790465	0.746615	-1.33938	0.048059	11.9343	11.9343	0.0517444	11.3484	11.3484	2.14598	40.9202	16.9496	1
cg14469749	FRMD6;FRMD6	0.147891	0.656948	1.12764	1.12764	0.0889055	1.65576	1.65576	0.0864104	1.66372	1.66372	0.353985	1.29211	1.29211	0.260919	0.729715	-1.3704	0.0768089	1.69702	1.69702	0.0521723	1.81042	1.81042	0.759446	0.920775	-1.08604	0.426907	0.804119	-1.2436	2.14598	2.45468	1.01676	1
cg07084627	NFIL3	0.147893	0.407441	0.744324	-1.3435	0.841895	1.07207	1.07207	0.645369	0.85089	-1.17524	0.811253	1.08694	1.08694	0.307995	0.692331	-1.4444	0.68254	0.866498	-1.15407	0.0112379	0.330627	-3.02456	0.0208386	0.379387	-2.63583	0.335663	0.707551	-1.41333	2.14597	4.12679	1.70937	1
cg09746326	DCUN1D2	0.1479	0.44517	1.84223	1.84223	0.0301511	7.40015	7.40015	0.0747954	4.74872	4.74872	0.618119	1.48369	1.48369	0.532373	1.6429	1.6429	0.0565561	0.183695	-5.4438	0.305097	2.30176	2.30176	0.268775	2.46987	2.46987	0.650068	1.43122	1.43122	2.14593	20.9439	8.67542	1
cg06665221	DOPEY2	0.147902	0.753579	1.10967	1.10967	0.482776	1.2658	1.2658	0.816476	1.07985	1.07985	0.564752	1.21209	1.21209	0.00708384	0.316701	-3.15755	0.752418	0.900711	-1.11023	0.120517	1.74446	1.74446	0.878025	1.05206	1.05206	0.606585	1.18725	1.18725	2.14591	3.71093	1.53716	1
cg15190149	MIDN	0.147908	0.578399	1.22561	1.22561	0.100248	1.9205	1.9205	0.12876	1.81289	1.81289	0.205743	1.62213	1.62213	0.436677	0.750097	-1.33316	0.650854	1.17952	1.17952	0.0843793	0.500649	-1.99741	0.0963194	1.93812	1.93812	0.11612	1.85676	1.85676	2.14587	4.46322	1.84881	1
cg19631779	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.147911	0.785111	1.05468	1.05468	0.940918	1.01454	1.01454	0.00938427	0.526455	-1.8995	0.0751759	0.679804	-1.47101	0.416288	0.850584	-1.17566	0.598698	1.10899	1.10899	0.333549	1.21445	1.21445	0.305835	0.813403	-1.2294	0.891129	0.973676	-1.02704	2.14584	1.28952	0.534166	1
cg10960354	MUC4;MUC4;MUC4	0.147912	0.536182	0.802819	-1.24561	0.0505902	2.18382	2.18382	0.0210616	2.64543	2.64543	0.418401	0.748331	-1.33631	0.299733	0.686056	-1.45761	0.756445	1.11525	1.11525	0.525036	1.25336	1.25336	0.391936	0.73527	-1.36004	0.550308	0.809059	-1.236	2.14584	4.17767	1.73055	1
cg19619174	OXTR	0.147913	0.258544	4.84485	4.84485	0.250231	4.99405	4.99405	0.0518533	19.325	19.325	0.485828	2.58033	2.58033	0.934116	0.895237	-1.11702	0.367738	3.45013	3.45013	0.0323276	28.6322	28.6322	0.0287763	31.5554	31.5554	0.0717626	14.7447	14.7447	2.14583	60.8879	25.2222	1
cg20486417	KIAA1671	0.147913	0.401673	0.831784	-1.20224	0.40099	0.831551	-1.20257	0.515653	0.868108	-1.15193	0.277647	0.784855	-1.27412	0.18317	0.738554	-1.354	0.975366	0.993396	-1.00665	0.0107294	1.98973	1.98973	0.407331	1.19947	1.19947	0.614046	0.896626	-1.11529	2.14583	1.56481	0.648208	1
cg02177950	CLUAP1	0.147913	0.304886	0.48038	-2.08169	0.0208969	0.146882	-6.80817	0.0311103	0.174484	-5.73119	0.85329	0.880081	-1.13626	0.391621	0.545708	-1.83248	0.849001	1.14057	1.14057	0.807004	1.184	1.184	0.182465	2.65479	2.65479	0.788431	0.830604	-1.20394	2.14583	16.1831	6.70368	1
cg08189448	PAPPA	0.147917	0.603502	0.763949	-1.30899	0.0257279	0.256358	-3.9008	0.197668	0.496719	-2.01321	0.39863	0.64142	-1.55904	0.350689	0.610424	-1.63821	0.442205	0.668539	-1.4958	0.903915	0.939828	-1.06402	0.04421	3.27986	3.27986	0.473161	1.45488	1.45488	2.14581	8.9741	3.71747	1
cg08784091	BAT5	0.147917	0.276474	0.685865	-1.45801	0.621004	0.847704	-1.17966	0.694955	0.877577	-1.1395	0.153215	0.599409	-1.66831	0.199307	0.635805	-1.57281	0.287321	0.692172	-1.44473	0.00619192	0.291105	-3.43518	0.0684543	0.502862	-1.98862	0.250378	0.670054	-1.49242	2.25699	3.8364	1.32206	1
cg05142140	DALRD3;DALRD3	0.14792	0.325067	0.741083	-1.34938	0.241365	1.43565	1.43565	0.0129132	2.48447	2.48447	0.12449	1.63303	1.63303	0.579678	1.17935	1.17935	0.631609	0.867238	-1.15309	0.315613	0.736423	-1.35791	0.829926	0.938543	-1.06548	0.53965	0.832685	-1.20093	2.14579	2.95478	1.22401	1
cg08092446	ZNF446	0.147922	0.796601	1.03493	1.03493	0.343675	1.13844	1.13844	0.18534	1.20525	1.20525	0.684022	1.05589	1.05589	0.420365	1.11563	1.11563	0.820363	1.03069	1.03069	0.0267196	0.70544	-1.41756	0.715123	0.952445	-1.04993	0.0339751	1.38957	1.38957	2.14577	0.600403	0.248717	1
cg02138082	AGRN	0.147927	0.163595	1.50763	1.50763	0.0414648	0.522422	-1.91416	0.956593	0.985082	-1.01514	0.102717	1.63725	1.63725	0.0541881	1.82831	1.82831	0.513191	0.832673	-1.20095	0.382635	1.28048	1.28048	0.957384	1.01487	1.01487	0.700566	1.1126	1.1126	2.14574	2.5913	1.07347	1
cg18389931	UNC5B	0.14793	0.37683	1.82515	1.82515	0.00402664	12.9784	12.9784	0.0967958	3.35143	3.35143	0.270488	2.14085	2.14085	0.396422	1.77918	1.77918	0.401899	1.76682	1.76682	0.248685	2.22552	2.22552	0.355211	1.87945	1.87945	0.388539	1.79733	1.79733	2.14572	14.9583	6.19665	1
cg00610508	ADCY9	0.14793	0.874704	0.897312	-1.11444	0.526067	1.55445	1.55445	0.0763841	0.258305	-3.87139	0.371601	1.87742	1.87742	0.134729	0.330472	-3.02598	0.743768	1.25258	1.25258	0.0309849	0.175703	-5.69143	0.254949	2.26169	2.26169	0.354608	1.923	1.923	2.14571	16.0215	6.6371	1
cg19791379	ERC1;ERC1;ERC1;ERC1;ERC1	0.147931	0.0507159	0.541785	-1.84575	0.657026	1.13092	1.13092	0.997836	0.999254	-1.00075	0.202586	0.690495	-1.44824	0.0469604	0.534707	-1.87018	0.153214	0.656347	-1.52358	0.170388	1.49474	1.49474	0.35232	1.30147	1.30147	0.75605	0.917783	-1.08958	2.14571	2.57561	1.06698	1
cg11995303	DCUN1D5	0.147933	0.101882	0.700352	-1.42785	0.882156	0.970925	-1.02995	0.169924	0.747677	-1.33748	0.0557185	0.649721	-1.53912	0.312115	0.812212	-1.23121	0.0614282	0.657604	-1.52067	0.0144054	0.548839	-1.82203	0.817722	0.955117	-1.04699	0.446647	0.857019	-1.16684	2.14569	1.34462	0.557031	1
cg05000488	STK31;STK31;STK31	0.147934	0.27468	1.22821	1.22821	0.02831	1.59719	1.59719	0.541916	1.11814	1.11814	0.146635	1.32547	1.32547	0.0639289	1.45734	1.45734	0.204003	1.27437	1.27437	0.0159852	1.70482	1.70482	0.297042	1.21596	1.21596	0.509044	1.12879	1.12879	2.14569	1.11158	0.460491	1
cg05799317	C6orf118	0.147934	0.0541673	0.563022	-1.77613	0.213124	0.708475	-1.41148	0.259476	0.734022	-1.36236	0.982596	0.994283	-1.00575	0.0220901	0.486046	-2.05742	0.898688	0.967072	-1.03405	0.20768	1.41797	1.41797	0.306243	0.75696	-1.32107	0.508143	1.19299	1.19299	2.14569	2.34802	0.972708	1
cg19228374	ZC3HC1	0.147934	0.105405	1.30285	1.30285	0.344581	0.864516	-1.15672	0.304049	1.17255	1.17255	0.284557	0.846845	-1.18085	0.957989	0.992153	-1.00791	0.121849	1.28502	1.28502	0.0221953	1.50681	1.50681	0.483688	0.899027	-1.11231	0.49137	1.11018	1.11018	2.14568	0.759967	0.31483	1
cg11308649	BAIAP2L2	0.147935	0.02592	0.263104	-3.80078	0.751652	0.851876	-1.17388	0.0868319	0.384831	-2.59854	0.708553	1.20878	1.20878	0.315572	0.592157	-1.68874	0.718509	0.832953	-1.20055	0.0144748	0.218398	-4.5788	0.684307	0.813494	-1.22926	0.882109	0.927807	-1.07781	2.14568	8.66485	3.58958	1
cg26261270	INPP5A	0.147939	0.51181	0.674884	-1.48174	0.128695	2.63893	2.63893	0.0474013	3.82077	3.82077	0.708383	0.800879	-1.24863	0.770032	0.84094	-1.18915	0.143473	0.394932	-2.53208	0.0672754	0.297645	-3.35971	0.990421	1.00712	1.00712	0.254666	0.495157	-2.01956	2.14565	11.8684	4.91677	1
cg08938976	AHCTF1	0.14794	0.743548	0.946118	-1.05695	0.0301603	1.53747	1.53747	0.199367	1.25706	1.25706	0.0583532	0.697047	-1.43462	0.528039	1.11389	1.11389	0.889104	1.02382	1.02382	0.125983	0.756289	-1.32225	0.861992	0.97107	-1.02979	0.712243	1.0645	1.0645	2.14565	0.967312	0.400733	1
cg08120831	LRRC43;LRRC43	0.147943	0.154495	0.61739	-1.61972	0.671783	0.873841	-1.14437	0.123803	0.590126	-1.69455	0.0823237	0.5439	-1.83857	0.780211	0.915287	-1.09255	0.675137	1.14268	1.14268	0.0441329	2.07874	2.07874	0.280044	1.42665	1.42665	0.342561	0.733871	-1.36264	2.14563	3.4025	1.40958	1
cg04114088	COPG	0.147948	0.450101	0.818197	-1.2222	0.0409328	0.540562	-1.84993	0.439732	0.814275	-1.22809	0.85656	1.04831	1.04831	0.432042	1.23253	1.23253	0.0165225	0.466008	-2.14589	0.235096	1.38329	1.38329	0.919311	0.973927	-1.02677	0.955041	0.985408	-1.01481	2.14559	2.31006	0.957025	1
cg12918275	FLII	0.147953	0.220903	1.54599	1.54599	0.0160589	2.71168	2.71168	0.682003	0.869819	-1.14966	0.443775	1.30256	1.30256	0.0299525	2.37397	2.37397	0.194373	1.59168	1.59168	0.0872341	1.89508	1.89508	0.438603	1.30664	1.30664	0.508037	1.25525	1.25525	2.14556	3.89459	1.6135	1
cg25310567	GALNTL5;GALNTL5	0.147957	0.175587	0.522989	-1.91209	0.128789	0.477703	-2.09335	0.0716322	0.404433	-2.4726	0.143829	0.493231	-2.02745	0.0216225	0.289011	-3.46008	0.375307	0.663976	-1.50608	0.0276616	0.309839	-3.22749	0.253301	0.584531	-1.71077	0.666737	0.822853	-1.21528	2.14553	6.88251	2.85141	1
cg25494789	KIF11	0.147958	0.814263	1.0526	1.0526	0.268506	1.28538	1.28538	0.0183461	1.86533	1.86533	0.668632	1.09834	1.09834	0.779097	0.940583	-1.06317	0.955118	1.01234	1.01234	0.0669146	0.639276	-1.56427	0.294127	0.788961	-1.26749	0.25219	1.29765	1.29765	2.14552	1.61242	0.668024	1
cg01673082	EPB41L3	0.147958	0.13261	0.604681	-1.65376	0.723298	0.895653	-1.1165	0.810366	0.928188	-1.07737	?	?	?	0.325706	0.730097	-1.36968	0.157673	0.626038	-1.59735	0.0426132	2.06192	2.06192	0.33232	1.36347	1.36347	0.17784	1.55874	1.55874	2.16288	2.92612	1.35288	1
cg00606396	CDH18;CDH18	0.147959	0.375249	0.727313	-1.37492	0.284281	0.677617	-1.47576	0.981857	1.00799	1.00799	0.978241	1.00959	1.00959	0.0146451	0.349393	-2.8621	0.0569286	0.470579	-2.12504	0.0690836	0.490824	-2.03739	0.916285	0.963881	-1.03747	0.099991	0.532266	-1.87876	2.14552	4.15957	1.72331	1
cg01025800	PTBP1;PTBP1;PTBP1;PTBP1	0.147961	0.149806	5.31008	5.31008	0.00884416	36.73	36.73	0.0381	13.4547	13.4547	0.436569	2.35893	2.35893	0.556379	0.525552	-1.90276	0.67387	1.58041	1.58041	0.592438	1.7937	1.7937	0.462466	2.24518	2.24518	0.666474	1.59816	1.59816	2.1455	39.7295	16.46	1
cg02923906	MGC16142	0.147962	0.291993	0.746493	-1.3396	0.591242	0.865575	-1.1553	0.0879514	0.601403	-1.66278	?	?	?	0.112174	0.627486	-1.59366	0.0077934	0.388341	-2.57505	0.829897	0.944386	-1.05889	0.56156	0.855267	-1.16922	0.494746	0.831279	-1.20296	2.27287	2.21471	0.852609	1
cg04605816	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.147964	0.18421	2.0957	2.0957	0.031553	3.75971	3.75971	0.00933032	5.6523	5.6523	0.40523	1.56409	1.56409	0.304015	1.74921	1.74921	0.350188	1.65715	1.65715	0.341976	1.67246	1.67246	0.146183	2.26909	2.26909	0.202988	2.02568	2.02568	2.14548	9.375	3.88413	1
cg27112570	TMEM205;TMEM205;CCDC159;TMEM205	0.147964	0.478156	0.905693	-1.10413	0.0667791	1.32619	1.32619	0.132232	1.25002	1.25002	0.943134	1.00985	1.00985	0.332129	0.871588	-1.14733	0.426803	1.11791	1.11791	0.0298946	0.704009	-1.42044	0.408851	0.890443	-1.12304	0.835641	1.02895	1.02895	2.14548	0.641159	0.265637	1
cg08455089	TBC1D22B	0.147967	0.0814886	0.20352	-4.91352	0.702133	0.728472	-1.37274	0.672864	0.704599	-1.41925	0.287625	0.40243	-2.4849	0.219789	0.345142	-2.89736	0.84456	0.850579	-1.17567	0.00803222	0.0608104	-16.4445	0.120473	0.249438	-4.00901	0.098993	0.225099	-4.44249	2.14546	23.0966	9.56919	1
cg20604021	PTTG1IP	0.147977	0.287431	0.816734	-1.22439	0.13697	0.745563	-1.34127	0.0328184	1.58031	1.58031	0.177391	0.768937	-1.3005	0.477695	0.876068	-1.14146	0.194428	0.777557	-1.28608	0.17108	1.30619	1.30619	0.978558	1.00494	1.00494	0.99485	1.00118	1.00118	2.14539	1.14144	0.472926	1
cg18849621	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.147983	0.0769564	0.545027	-1.83477	0.880973	1.04732	1.04732	0.930863	0.973578	-1.02714	0.0683456	0.532718	-1.87717	0.669402	0.875866	-1.14173	0.116386	1.69302	1.69302	0.598072	0.8486	-1.17841	0.113659	1.70092	1.70092	0.190592	1.53373	1.53373	2.14535	3.23563	1.34063	1
cg21340733	KRT8	0.147983	0.628799	0.790613	-1.26484	0.020098	3.86728	3.86728	0.422845	1.48417	1.48417	0.0386298	3.17499	3.17499	0.461539	1.43554	1.43554	0.428953	1.47619	1.47619	0.398115	1.51783	1.51783	0.0391747	3.16168	3.16168	0.218008	1.86824	1.86824	2.14535	7.90426	3.27499	1
cg02167055	CBFA2T3	0.147989	0.887585	0.920721	-1.08611	0.326937	0.553776	-1.80578	0.199039	0.452718	-2.20888	0.641821	0.760667	-1.31464	0.0781354	0.31887	-3.13607	0.627823	0.7518	-1.33014	0.00533868	0.117284	-8.52631	0.856303	1.11166	1.11166	0.286125	0.523671	-1.9096	2.14531	11.5868	4.80089	1
cg02109605	IQSEC1	0.14799	0.883448	1.07902	1.07902	0.0104362	5.32144	5.32144	0.0447298	3.30254	3.30254	0.67155	1.24749	1.24749	0.27993	0.558575	-1.79027	0.391423	1.57661	1.57661	0.552784	1.36526	1.36526	0.353183	1.641	1.641	0.315813	1.71213	1.71213	2.1453	9.13368	3.78447	1
cg03648155	PPIF	0.147992	0.997558	1.00061	1.00061	0.0535467	0.645081	-1.55019	0.031117	0.60299	-1.6584	0.25249	0.787419	-1.26997	0.0221599	0.577885	-1.73045	0.962385	1.00947	1.00947	0.651958	1.09503	1.09503	0.862932	0.96604	-1.03515	0.691314	0.923301	-1.08307	2.14529	1.35831	0.562807	1
cg13910583	RPS20;RPS20	0.147992	0.0805209	1.43847	1.43847	0.628306	0.912563	-1.09582	0.338483	0.831054	-1.20329	0.316289	0.823391	-1.21449	0.124836	1.36565	1.36565	0.0359267	1.58049	1.58049	0.156346	1.32897	1.32897	0.246153	1.25544	1.25544	0.49492	1.13882	1.13882	2.14529	1.19528	0.495258	1
cg18287768	TNFAIP3	0.147993	0.551983	1.38611	1.38611	0.0271684	4.1321	4.1321	0.150462	2.30779	2.30779	0.878907	0.920604	-1.08624	0.0353916	0.264673	-3.77825	0.773929	0.855328	-1.16914	0.950005	1.03461	1.03461	0.296442	1.79932	1.79932	0.866604	1.09551	1.09551	2.14528	10.0034	4.14487	1
cg00919280	CNTN1;CNTN1	0.147993	0.224239	2.22197	2.22197	0.653219	1.32687	1.32687	0.656874	1.32259	1.32259	0.263898	2.07152	2.07152	0.6519	1.32842	1.32842	0.205175	2.30695	2.30695	0.00776047	8.48305	8.48305	0.0381045	4.49625	4.49625	0.188205	2.39163	2.39163	2.14528	13.2871	5.50547	1
cg03056525	LOC100329108;GCSH;GCSH	0.147995	0.0128198	2.79625	2.79625	0.677441	0.870093	-1.1493	0.909408	0.962842	-1.03859	0.0307784	2.32543	2.32543	0.703596	1.1356	1.1356	0.112436	1.77694	1.77694	0.822166	1.07776	1.07776	0.648932	1.16471	1.16471	0.843036	0.936176	-1.06817	2.14527	3.76	1.55795	1
cg15819921	ARID3A	0.147996	0.693961	0.913359	-1.09486	0.714172	0.919158	-1.08795	0.306269	0.784478	-1.27473	0.111208	0.671917	-1.48828	0.915208	0.975889	-1.02471	0.058309	1.63282	1.63282	0.199622	0.733052	-1.36416	0.676844	0.908419	-1.10081	0.0236537	0.538423	-1.85727	2.14526	1.78426	0.739307	1
cg03363242	HMBOX1;HMBOX1;INTS9;INTS9;INTS9	0.147997	0.360614	0.893581	-1.11909	0.0736697	1.26963	1.26963	0.100183	1.24066	1.24066	0.445593	1.09756	1.09756	0.743496	1.04009	1.04009	0.927752	1.01092	1.01092	0.0286791	0.734188	-1.36205	0.739865	1.0407	1.0407	0.390293	0.899973	-1.11114	2.14526	0.486985	0.201783	1
cg01223673	INSC	0.147997	0.152374	0.53923	-1.8545	0.11826	0.504963	-1.98034	0.0467444	0.399606	-2.50246	0.903238	0.952183	-1.05022	0.0269737	0.348117	-2.8726	0.925419	1.03844	1.03844	0.167331	0.552669	-1.8094	0.478064	1.3372	1.3372	0.614332	1.22715	1.22715	2.14525	5.51439	2.2849	1
cg15670290	HNRNPUL2;TTC9C	0.147997	0.139945	0.712672	-1.40317	0.303109	1.25548	1.25548	0.97917	1.00558	1.00558	0.0263739	1.7536	1.7536	0.114068	1.44289	1.44289	0.138731	1.40485	1.40485	0.507352	1.15426	1.15426	0.562483	0.882589	-1.13303	0.167125	1.36906	1.36906	2.14525	1.54569	0.640461	1
cg02309029	FPR2;FPR2	0.147998	0.0878132	0.104897	-9.53314	0.274867	0.256773	-3.89449	0.525251	0.462832	-2.16061	0.232181	0.223247	-4.47934	0.0799588	0.0977811	-10.2269	0.121575	0.13418	-7.45268	0.0128342	0.0247665	-40.3772	0.0692457	0.087818	-11.3872	0.227121	0.219267	-4.56064	2.14525	48.6588	20.1619	1
cg21771726	ZSCAN12	0.147998	0.210291	0.321866	-3.10688	0.00641557	0.0476024	-21.0073	0.0789132	0.187239	-5.34077	0.868143	0.867034	-1.15336	0.20996	0.321573	-3.10971	0.265614	0.3693	-2.70783	0.158167	0.273741	-3.65309	0.887016	0.88508	-1.12984	0.678904	0.699455	-1.42968	2.14525	25.0527	10.3807	1
cg20671920	SOX7	0.147999	0.853252	1.08729	1.08729	0.00586774	5.10249	5.10249	0.170172	0.516721	-1.93528	0.887509	0.938034	-1.06606	0.548775	1.31548	1.31548	0.378433	1.50443	1.50443	0.30013	1.62463	1.62463	0.508109	1.3545	1.3545	0.986965	1.00741	1.00741	2.14524	6.93989	2.87558	1
cg15007222	DMWD	0.148	0.392745	0.611758	-1.63463	0.156902	2.33913	2.33913	0.30237	1.82155	1.82155	0.982244	1.01257	1.01257	0.0187237	0.20207	-4.94878	0.457829	0.654196	-1.52859	0.100146	0.363816	-2.74864	0.380179	0.603345	-1.65743	0.300128	0.547344	-1.82701	2.14523	10.7037	4.43512	1
cg18982568	KRT77	0.148001	0.141394	0.620805	-1.61081	0.718972	1.11508	1.11508	0.0153346	0.407729	-2.45261	0.374687	1.3161	1.3161	0.260672	0.70212	-1.42426	0.869531	1.0508	1.0508	0.995762	0.9984	-1.0016	0.268873	0.706712	-1.415	0.0611828	0.529425	-1.88884	2.14523	3.08747	1.27931	1
cg13145120	MEST;MEST;MEST	0.148002	0.549812	1.22725	1.22725	0.198166	1.58447	1.58447	0.577013	0.826392	-1.21008	0.660549	1.16132	1.16132	0.189248	0.624606	-1.60101	0.818253	0.925062	-1.08101	0.752237	1.11313	1.11313	0.0101349	2.99704	2.99704	0.134347	1.72692	1.72692	2.14522	3.89106	1.61229	1
cg05906740	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.148008	0.901824	1.02429	1.02429	0.351164	0.829789	-1.20512	0.392778	1.18558	1.18558	0.798262	0.951416	-1.05106	0.458044	0.863349	-1.15828	0.00789289	0.515493	-1.93989	0.715696	0.931345	-1.07372	0.180673	1.31837	1.31837	0.453983	1.15988	1.15988	2.14518	1.28459	0.532289	1
cg08065238	NRF1;NRF1	0.148012	0.552859	0.860251	-1.16245	0.310248	0.768547	-1.30116	0.208326	0.717068	-1.39457	0.500863	0.842563	-1.18685	0.0101834	0.443777	-2.25339	0.298653	0.763302	-1.3101	0.072117	0.604543	-1.65414	0.200716	0.712592	-1.40333	0.041506	0.55467	-1.80287	2.14515	2.13578	0.885006	1
cg10428394	SNRPN;SNRPN;SNRPN;SNRPN	0.148012	0.865233	0.927415	-1.07827	0.0695455	0.406364	-2.46085	0.381732	0.671679	-1.48881	0.164463	0.517887	-1.93092	0.315607	0.631094	-1.58455	0.0529318	0.376886	-2.65333	0.0229116	0.298981	-3.3447	0.0446258	0.359576	-2.78106	0.231644	0.573187	-1.74463	2.14515	6.68599	2.77048	1
cg16852357	ATP8B1	0.148014	0.328575	1.27352	1.27352	0.0510143	0.586885	-1.70391	0.997357	0.999206	-1.00079	0.464305	0.836453	-1.19552	0.577555	1.14443	1.14443	0.277999	1.31061	1.31061	0.021666	1.93679	1.93679	0.919765	0.976131	-1.02445	0.272847	1.31475	1.31475	2.14513	1.95327	0.809384	1
cg07262139	B3GAT1;B3GAT1	0.148022	0.345522	1.35873	1.35873	0.314554	0.720243	-1.38842	0.341326	0.733894	-1.36259	0.571356	1.19781	1.19781	0.304107	0.714742	-1.39911	0.0249312	0.430828	-2.32111	0.538832	1.21694	1.21694	0.0768442	1.86055	1.86055	0.367981	0.746928	-1.33882	2.14508	3.38253	1.40167	1
cg21257675	AGPAT5	0.148022	0.344404	0.754986	-1.32453	0.356601	0.760617	-1.31472	0.0857597	0.578097	-1.72981	0.307713	1.35623	1.35623	0.269713	1.39332	1.39332	0.95363	0.983359	-1.01692	0.182736	1.50387	1.50387	0.981542	0.993346	-1.0067	0.0281043	2.11376	2.11376	2.14508	2.82936	1.17244	1
cg18294332	MAP3K1	0.148024	0.863891	1.06968	1.06968	0.391558	0.708498	-1.41144	0.0197149	0.330999	-3.02115	0.566307	0.796461	-1.25555	0.117179	1.95052	1.95052	0.0792036	2.14903	2.14903	0.600412	1.23058	1.23058	0.985217	0.992753	-1.0073	0.591561	0.80845	-1.23693	2.14507	5.23556	2.16955	1
cg20132903	NXN	0.148024	0.492146	0.901557	-1.10919	0.574727	1.08786	1.08786	0.802434	0.963445	-1.03794	0.166062	1.24532	1.24532	0.581472	0.920625	-1.08622	0.380196	0.874839	-1.14307	0.0117156	1.59648	1.59648	0.377153	0.874052	-1.1441	0.251231	0.836883	-1.19491	2.14507	0.74964	0.310641	1
cg08019195	SCN4B;SCN4B	0.148026	0.411441	0.878524	-1.13827	0.643916	1.07442	1.07442	0.876271	1.02432	1.02432	0.124783	0.773945	-1.29208	0.0425278	0.697563	-1.43356	0.252747	0.831756	-1.20228	0.0207185	0.650849	-1.53645	0.384424	1.14743	1.14743	0.327596	0.855699	-1.16864	2.14505	0.807872	0.334774	1
cg08604523	MDK;MDK;MDK	0.148028	0.182245	0.589363	-1.69675	0.416155	0.733178	-1.36392	0.231778	0.626012	-1.59741	0.427625	0.738991	-1.3532	0.00676461	0.269547	-3.70992	0.244986	0.634965	-1.57489	0.63629	1.19471	1.19471	0.0798417	0.483882	-2.06662	0.748213	0.886673	-1.12781	2.14504	4.73834	1.96353	1
cg06371836	C20orf56	0.148028	0.134611	2.9705	2.9705	0.367302	1.86832	1.86832	0.430821	1.72062	1.72062	0.513274	1.56434	1.56434	0.975275	1.02114	1.02114	0.41505	1.75466	1.75466	0.119583	3.12638	3.12638	0.00531185	11.932	11.932	0.142825	2.89495	2.89495	2.14504	15.4748	6.41262	1
cg00973938	CPNE7;CPNE7	0.148029	0.469094	1.42473	1.42473	0.385679	1.53327	1.53327	0.0108863	0.215159	-4.64773	0.177568	0.502261	-1.991	0.495661	1.39442	1.39442	0.254739	0.564677	-1.77092	0.31888	1.64063	1.64063	0.815197	1.1191	1.1191	0.864197	0.921022	-1.08575	2.14504	7.84664	3.2516	1
cg03192775	GPR12	0.148032	0.520849	0.504967	-1.98033	0.0865258	7.29985	7.29985	0.419207	2.37873	2.37873	0.0768478	7.89162	7.89162	0.631477	0.602073	-1.66093	0.382521	2.56059	2.56059	0.267867	3.35934	3.35934	0.368632	2.63655	2.63655	0.0123504	26.3253	26.3253	2.14502	37.4469	15.5179	1
cg19013222	VARS2;VARS2;VARS2	0.148034	0.659906	1.10393	1.10393	0.206691	0.742778	-1.3463	0.047692	0.603146	-1.65797	0.111145	1.47329	1.47329	0.923335	1.02172	1.02172	0.891748	0.970055	-1.03087	0.033673	0.574702	-1.74003	0.50485	1.16311	1.16311	0.790026	1.0614	1.0614	2.145	1.69363	0.701843	1
cg11620074	C11orf91	0.148036	0.398804	0.73949	-1.35228	0.674085	0.862627	-1.15925	0.300627	1.45458	1.45458	0.0107816	0.326586	-3.06198	0.171482	0.601322	-1.663	0.409511	0.744766	-1.3427	0.218619	1.57153	1.57153	0.600316	1.20286	1.20286	0.590046	0.826939	-1.20928	2.14498	4.14646	1.71831	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22776675	PSAPL1;SORCS2	0.148037	0.316942	0.512603	-1.95083	0.830689	1.14833	1.14833	0.833124	0.872594	-1.14601	0.977783	0.982174	-1.01815	0.0203907	0.164398	-6.08279	0.170897	0.389914	-2.56467	0.0299217	0.192054	-5.20687	0.130001	0.347693	-2.8761	0.10914	0.323533	-3.09088	2.14498	14.1739	5.87373	1
cg07597885	AP1B1;AP1B1;AP1B1	0.148038	0.198112	0.733695	-1.36296	0.0056404	2.2865	2.2865	0.893158	1.03107	1.03107	0.519882	1.16011	1.16011	0.962836	0.989448	-1.01066	0.572614	0.878276	-1.13859	0.27263	1.29686	1.29686	0.868179	1.03854	1.03854	0.841404	1.04667	1.04667	2.14497	1.76072	0.729654	1
cg07023852	IVD;IVD	0.148038	0.0392393	0.626148	-1.59707	0.78175	0.946956	-1.05601	0.0357081	0.618982	-1.61555	0.521505	0.880284	-1.136	0.404765	0.84595	-1.1821	0.0194352	0.574361	-1.74106	0.866495	0.967519	-1.03357	0.794406	1.05259	1.05259	0.22781	0.780015	-1.28203	2.14497	1.30837	0.542198	1
cg14782735	POLR3C;RNF115	0.148039	0.383641	1.09099	1.09099	0.300322	1.1103	1.1103	0.291703	1.11255	1.11255	0.00731453	1.40091	1.40091	0.758615	1.0305	1.0305	0.597738	0.949416	-1.05328	0.439633	1.07986	1.07986	0.210486	0.879297	-1.13727	0.326847	1.10371	1.10371	2.14497	0.322833	0.133784	1
cg24298423	C7orf58;C7orf58	0.14804	0.335987	0.468735	-2.1334	0.0276618	0.136908	-7.30419	0.15538	0.313118	-3.19368	0.309834	0.448139	-2.23145	0.107123	0.260975	-3.83179	0.19388	0.349985	-2.85727	0.038804	0.160846	-6.21712	0.034277	0.151639	-6.5946	0.651607	0.706692	-1.41504	2.14495	19.8164	8.21211	1
cg18052053	MRPL39;MRPL39	0.148042	0.49551	0.821199	-1.21773	0.189334	1.48552	1.48552	0.631981	0.871665	-1.14723	0.130376	1.59203	1.59203	0.149516	1.5525	1.5525	0.127287	1.59901	1.59901	0.163828	1.52641	1.52641	0.485902	1.22329	1.22329	0.0572101	0.542062	-1.84481	2.14494	2.75233	1.1406	1
cg05143860	ADPGK;ADPGK;ADPGK	0.148043	0.550405	1.16809	1.16809	0.113319	0.642025	-1.55757	0.236787	0.727053	-1.37542	0.391956	1.253	1.253	0.611358	0.876535	-1.14086	0.0681069	0.591342	-1.69107	0.0892662	1.61909	1.61909	0.167753	1.4595	1.4595	0.457475	1.2148	1.2148	2.14494	2.24651	0.93098	1
cg06077003	CAMTA1	0.148044	0.148946	0.777871	-1.28556	0.879528	0.975686	-1.02492	0.0206322	0.636089	-1.57211	0.235245	0.817184	-1.22372	0.14068	0.773223	-1.29329	0.229725	0.815034	-1.22694	0.130502	1.30347	1.30347	0.754398	0.950343	-1.05225	0.199112	0.802359	-1.24632	2.14493	0.894732	0.370789	1
cg20599086	EVC2;EVC2	0.148045	0.365033	0.85872	-1.16452	0.349857	0.854295	-1.17056	0.263138	1.21035	1.21035	0.316858	0.844227	-1.18451	0.581491	1.09538	1.09538	0.642472	1.07951	1.07951	0.0214086	1.57206	1.57206	0.578536	1.09618	1.09618	0.0846245	0.73189	-1.36633	2.14492	0.909744	0.377012	1
cg26894575	S100A4;S100A4	0.148046	0.282062	0.700055	-1.42846	0.801863	1.08351	1.08351	0.00644631	0.322996	-3.09602	0.140872	0.603354	-1.6574	0.926833	1.02973	1.02973	0.179326	0.634439	-1.57619	0.858989	0.944851	-1.05837	0.529469	1.22533	1.22533	0.374291	0.747579	-1.33765	2.14492	3.45687	1.43258	1
cg15413271	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.14805	0.679945	1.21114	1.21114	0.0163746	3.8767	3.8767	0.203725	1.85795	1.85795	0.682259	0.826894	-1.20934	0.585747	0.775587	-1.28935	0.512285	0.735725	-1.3592	0.346383	0.639043	-1.56484	0.0508755	2.79306	2.79306	0.950984	1.02879	1.02879	2.14489	7.24393	3.00204	1
cg14212360	HERC6;HERC6	0.148051	0.354061	1.3808	1.3808	0.350998	0.722639	-1.38382	0.133945	0.57869	-1.72804	0.839582	0.933708	-1.071	0.132028	0.576879	-1.73347	0.81943	1.08045	1.08045	0.00801653	0.316716	-3.15741	0.739245	0.89311	-1.11968	0.33139	0.712378	-1.40375	2.14488	3.89039	1.61227	1
cg12520111	PPIA	0.148052	0.10854	0.650163	-1.53808	0.0202392	1.99095	1.99095	0.986221	1.00426	1.00426	0.914232	1.02685	1.02685	0.651722	1.11824	1.11824	0.723913	1.09115	1.09115	0.377435	0.800319	-1.2495	0.0758057	1.62585	1.62585	0.267936	1.32819	1.32819	2.14487	2.05483	0.851573	1
cg18756060	LOC100128731	0.148056	0.013287	0.502393	-1.99048	0.482552	1.17367	1.17367	0.262071	1.30003	1.30003	0.889271	0.969227	-1.03175	0.246324	0.761834	-1.31262	0.103052	0.670229	-1.49203	0.5095	0.860595	-1.16199	0.437901	1.19428	1.19428	0.415159	0.829542	-1.20548	2.14485	1.71013	0.70873	1
cg19623835	SNORD115-29;SNORD115-11;SNORD115-43;SNORD115-36	0.148056	0.0415341	0.234477	-4.26482	0.112127	0.343849	-2.90825	0.25351	0.479062	-2.08741	0.562328	1.43549	1.43549	0.0456315	0.243086	-4.11377	0.352672	0.554215	-1.80435	0.463036	0.630662	-1.58564	0.0712677	0.28843	-3.46704	0.0642476	0.277159	-3.60803	2.14484	12.937	5.36147	1
cg08911690	AK3L1;AK3L1;AK3L1	0.14806	0.910193	0.959634	-1.04206	0.0142698	0.331672	-3.01503	0.0462561	0.434383	-2.30211	0.40978	0.735038	-1.36047	0.91595	0.962183	-1.0393	0.117594	0.537594	-1.86014	0.34332	1.42831	1.42831	0.305463	0.678755	-1.47328	0.372485	0.715803	-1.39703	2.14482	4.5298	1.87731	1
cg17795695	PPP2R2C;PPP2R2C	0.148062	0.529594	0.759682	-1.31634	0.978501	1.0117	1.0117	0.108912	2.12672	2.12672	0.2578	1.66472	1.66472	0.136366	0.500258	-1.99897	0.612124	1.24693	1.24693	0.238378	0.586843	-1.70403	0.0513489	0.383847	-2.60521	0.163653	1.89945	1.89945	2.1448	6.32757	2.62238	1
cg07361858	AZI2;AZI2;AZI2	0.148064	0.528967	1.14216	1.14216	0.0228185	1.76424	1.76424	0.603063	1.11553	1.11553	0.298396	0.798813	-1.25186	0.728093	0.929847	-1.07545	0.110347	1.43709	1.43709	0.0703671	0.656058	-1.52425	0.752085	1.06827	1.06827	0.663467	1.09553	1.09553	2.14479	1.47524	0.6114	1
cg20910870	TRPC4AP;TRPC4AP	0.148065	0.597061	0.926001	-1.07991	0.171275	1.23357	1.23357	0.0393457	1.40993	1.40993	0.160149	0.805531	-1.24142	0.399205	0.883049	-1.13244	0.243009	0.838567	-1.19251	0.357745	0.872586	-1.14602	0.126208	0.787868	-1.26925	0.536569	1.09438	1.09438	2.14478	0.705429	0.29236	1
cg09869167	C10orf4	0.148066	0.817995	0.948247	-1.05458	0.0672251	0.62323	-1.60454	0.0306839	0.556961	-1.79546	0.329256	1.26127	1.26127	0.321719	0.789779	-1.26618	0.280185	1.29536	1.29536	0.247022	1.32187	1.32187	0.382851	0.813585	-1.22913	0.303818	0.782299	-1.27828	2.14478	1.80528	0.748185	1
cg10137010	TRPV3	0.148066	0.0562762	0.317754	-3.14709	0.772224	1.16642	1.16642	0.218521	0.503371	-1.98661	0.126922	0.416618	-2.40028	0.0383229	0.279977	-3.57172	0.121603	0.410614	-2.43538	0.260004	0.536245	-1.86482	0.0366272	0.275829	-3.62544	0.170391	0.460992	-2.16923	2.14477	9.5553	3.96014	1
cg12851570	SSH2	0.148068	0.742475	0.900262	-1.11079	0.0981625	1.78258	1.78258	0.172457	1.58841	1.58841	0.599059	0.84446	-1.18419	0.00880125	2.89504	2.89504	0.627333	1.16871	1.16871	0.82774	0.932913	-1.07191	0.732745	0.896529	-1.11541	0.529489	0.816289	-1.22506	2.14477	3.44926	1.42953	1
cg18417529	AES;AES;AES	0.148069	0.515794	1.10205	1.10205	0.0235409	1.49013	1.49013	0.0421976	1.4122	1.4122	0.987706	1.00227	1.00227	0.672631	1.06468	1.06468	0.648513	1.07002	1.07002	0.0509161	1.38812	1.38812	0.335489	0.863754	-1.15774	0.862249	0.974713	-1.02594	2.14475	0.738756	0.306176	1
cg01707818	CLVS2	0.14807	0.261725	1.35674	1.35674	0.423785	1.23733	1.23733	0.869539	1.04378	1.04378	0.838705	1.05457	1.05457	0.448119	1.22326	1.22326	0.152688	1.49075	1.49075	0.368697	1.2721	1.2721	0.00410506	2.72823	2.72823	0.162306	1.47536	1.47536	2.14475	2.30818	0.956621	1
cg11420633	KRTAP3-3	0.148071	0.163033	0.427095	-2.3414	0.894961	1.0784	1.0784	0.98142	0.986783	-1.01339	0.249854	0.503031	-1.98795	0.1868	0.449538	-2.22451	0.164855	0.428874	-2.33169	0.00764285	0.140962	-7.09412	0.1427	0.406486	-2.46011	0.167609	0.431542	-2.31727	2.14475	11.0891	4.59587	1
cg27582013	CROCC	0.148071	0.269249	0.62481	-1.60049	0.0304226	0.353482	-2.829	0.133805	0.516347	-1.93668	0.795859	0.899445	-1.1118	0.0199977	0.317404	-3.15056	0.0640647	0.427134	-2.34119	0.975991	0.987774	-1.01238	0.96958	1.01571	1.01571	0.706157	0.856565	-1.16745	2.14474	5.67569	2.35229	1
cg20974609	HOXA5	0.148071	0.203155	2.3999	2.3999	0.843894	1.1371	1.1371	0.283511	2.06704	2.06704	0.166819	2.61307	2.61307	0.641758	1.35708	1.35708	0.0442979	4.5065	4.5065	0.351682	0.535474	-1.8675	0.018972	6.36762	6.36762	0.142281	2.79539	2.79539	2.14474	14.4253	5.97859	1
cg19456622	PCDH8;PCDH8	0.148073	0.232847	0.833035	-1.20043	0.661602	1.06643	1.06643	0.0105169	1.60015	1.60015	0.64277	0.934067	-1.07059	0.802293	0.964029	-1.03731	0.312812	1.16469	1.16469	0.263298	0.84342	-1.18565	0.745789	1.04865	1.04865	0.186286	1.22704	1.22704	2.14473	0.7243	0.300187	1
cg19435409	HIST1H2AL;HIST1H2AL	0.148073	0.333158	0.833107	-1.20033	0.67323	1.08067	1.08067	0.555162	1.11534	1.11534	0.597774	0.907205	-1.10229	0.0630486	1.46589	1.46589	0.312857	1.21039	1.21039	0.278273	0.813661	-1.22901	0.710026	1.0707	1.0707	0.0211995	0.602442	-1.65991	2.14473	1.13641	0.470988	1
cg00085122	FBXO2	0.148073	0.330796	0.448783	-2.22825	0.229504	2.73671	2.73671	0.870139	1.13955	1.13955	0.370986	2.08229	2.08229	0.0605033	0.18452	-5.41946	0.665119	1.41584	1.41584	0.251199	2.60443	2.60443	0.0395173	6.69422	6.69422	0.153298	3.39027	3.39027	2.14473	21.6547	8.97487	1
cg01148728	CEP164	0.148074	0.833127	0.982755	-1.01755	0.0330377	0.814229	-1.22816	0.368823	0.926723	-1.07907	0.496497	0.944665	-1.05858	0.0348457	1.2248	1.2248	0.260369	1.10163	1.10163	0.512716	1.05626	1.05626	0.396124	0.93086	-1.07428	0.647809	0.96279	-1.03865	2.14472	0.230902	0.0956984	1
cg01624645	BANP;BANP	0.148075	0.0723847	0.236113	-4.23527	0.829634	0.856302	-1.16781	0.0885133	0.258503	-3.86843	0.232749	0.406221	-2.46171	0.0161098	0.120039	-8.3306	0.270173	0.437537	-2.28552	0.293891	0.456662	-2.1898	0.859237	1.13632	1.13632	0.0568538	0.211897	-4.71928	2.14472	17.6054	7.29665	1
cg21485132	LOC348926	0.148077	?	?	?	0.273774	3.35788	3.35788	?	?	?	0.167985	0.204253	-4.8959	0.0544047	0.0849747	-11.7682	?	?	?	?	?	?	0.718648	0.686721	-1.4562	?	?	?	2.75419	19.0944	8.66608	1
cg15807655	MYH16	0.148078	0.863518	0.953735	-1.04851	0.417742	1.25607	1.25607	0.204201	0.691492	-1.44615	0.984641	1.00531	1.00531	0.137579	1.55312	1.55312	0.612681	0.868878	-1.15091	0.00891116	0.400045	-2.49972	0.669724	1.12539	1.12539	0.866022	1.04759	1.04759	2.1447	2.57473	1.06712	1
cg02230225	COL11A2;COL11A2;COL11A2	0.14808	0.843341	1.04019	1.04019	0.647353	0.912355	-1.09606	0.677727	0.920141	-1.08679	0.280576	1.25029	1.25029	0.146675	0.733271	-1.36375	0.763097	1.06205	1.06205	0.0120575	1.86541	1.86541	0.106255	1.42093	1.42093	0.501625	1.14548	1.14548	2.14468	1.34724	0.558382	1
cg11421160	ARHGEF10L;ARHGEF10L	0.148081	0.807211	0.833846	-1.19926	0.0953342	3.9037	3.9037	0.42426	1.83403	1.83403	0.82109	0.845062	-1.18335	0.0357542	0.162674	-6.14726	0.264427	0.421259	-2.37384	0.100475	0.262549	-3.80881	0.842518	0.86257	-1.15933	0.108011	0.271627	-3.68151	2.14467	18.7625	7.77639	1
cg10839291	KIRREL3;KIRREL3	0.148082	0.196041	0.36904	-2.70973	0.0473191	5.23079	5.23079	0.976624	1.02159	1.02159	0.217569	0.388372	-2.57485	0.402473	0.535412	-1.86772	0.434738	1.78799	1.78799	0.351849	0.497295	-2.01088	0.0386209	0.174373	-5.73483	0.381108	0.519442	-1.92514	2.14467	18.057	7.48396	1
cg02874145	CLDN4;CLDN4	0.148084	0.0922629	1.93077	1.93077	0.0235646	2.61179	2.61179	0.0577039	2.14243	2.14243	0.383311	1.37356	1.37356	0.576901	1.22154	1.22154	0.274795	1.49693	1.49693	0.0245424	2.58822	2.58822	0.545758	1.24244	1.24244	0.20632	1.60523	1.60523	2.14465	4.28165	1.7746	1
cg12029244	ZNF599	0.148089	0.643789	0.939477	-1.06442	0.840488	0.973342	-1.02739	0.375579	1.12967	1.12967	0.179061	0.825821	-1.21092	0.514772	1.09261	1.09261	0.746532	0.95745	-1.04444	0.882055	1.0201	1.0201	0.114692	1.25862	1.25862	0.00968683	1.55089	1.55089	2.14462	0.610603	0.253079	1
cg00780364	NOTCH4	0.148089	0.436685	0.734199	-1.36203	0.986277	1.00672	1.00672	0.492533	0.762306	-1.31181	0.368685	1.43265	1.43265	0.00671984	0.254447	-3.93009	0.750137	0.883017	-1.13248	0.354246	0.689959	-1.44936	0.728313	0.873024	-1.14544	0.0677752	0.450816	-2.2182	2.14462	5.15018	2.13461	1
cg13850312	AKAP2;AKAP2;PALM2-AKAP2;PALM2-AKAP2	0.14809	0.422668	1.20132	1.20132	0.675575	1.09885	1.09885	0.150091	1.41274	1.41274	0.309669	1.26548	1.26548	0.233	1.32323	1.32323	0.457512	1.18465	1.18465	0.00416102	2.36361	2.36361	0.201478	1.3527	1.3527	0.976044	0.993298	-1.00675	2.14461	1.70365	0.706119	1
cg02073318	SCMH1	0.148092	0.0810162	0.758054	-1.31917	0.0347413	1.4225	1.4225	0.291945	1.16949	1.16949	0.982591	0.996881	-1.00313	0.344674	1.14954	1.14954	0.402425	1.13054	1.13054	0.222508	0.832306	-1.20148	0.314005	0.861489	-1.16078	0.295015	1.16824	1.16824	2.1446	0.696336	0.288616	1
cg09094037	CNTNAP4;CNTNAP4	0.148096	0.892023	1.06259	1.06259	0.535185	1.3241	1.3241	0.0959665	2.26439	2.26439	0.602044	1.26515	1.26515	0.853066	1.08641	1.08641	0.311562	1.5968	1.5968	0.647896	0.814203	-1.22819	0.22967	0.569249	-1.7567	0.0134442	0.25459	-3.92788	2.14457	6.78744	2.81328	1
cg06979281	UBE2I;UBE2I;UBE2I;UBE2I	0.148101	0.880464	1.03621	1.03621	0.120949	0.672028	-1.48803	0.256746	0.755962	-1.32282	0.822562	1.05452	1.05452	0.0105296	0.46735	-2.13972	0.121253	0.672282	-1.48747	0.467063	0.839536	-1.19113	0.351469	1.25437	1.25437	0.824514	1.05389	1.05389	2.14454	1.89722	0.786378	1
cg09637367	TACO1	0.148104	0.587684	1.08219	1.08219	0.340625	0.867883	-1.15223	0.382924	0.878881	-1.13781	0.977769	1.00403	1.00403	0.90354	1.01765	1.01765	0.655086	0.937183	-1.06703	0.00554455	1.69188	1.69188	0.332285	1.15525	1.15525	0.708149	0.947186	-1.05576	2.14452	0.707138	0.293104	1
cg09867953	ERN2	0.148105	0.72715	1.18534	1.18534	0.009506	5.23689	5.23689	0.199227	1.94178	1.94178	0.727143	1.18534	1.18534	0.492251	1.40374	1.40374	0.0962442	2.45721	2.45721	0.446783	1.45828	1.45828	0.0326464	3.46723	3.46723	0.586517	1.30578	1.30578	2.25554	8.22921	2.83768	1
cg07159758	MSI2;MSI2	0.14811	0.143229	0.374304	-2.67163	0.929948	1.05646	1.05646	0.611785	1.37673	1.37673	0.553086	0.687416	-1.45472	0.00613334	0.107112	-9.33605	0.151022	0.382414	-2.61497	0.864969	1.11218	1.11218	0.88881	1.09132	1.09132	0.320275	0.526492	-1.89937	2.14447	13.2528	5.4933	1
cg19529273	LGALS12;LGALS12;LGALS12;LGALS12;LGALS12	0.148112	0.113394	0.711365	-1.40575	0.841304	1.04043	1.04043	0.125086	0.720215	-1.38847	0.71448	1.07534	1.07534	0.0903522	0.691472	-1.44619	0.519862	1.13765	1.13765	0.0684453	1.4967	1.4967	0.160118	0.743278	-1.34539	0.275981	0.799294	-1.2511	2.14446	1.32734	0.550187	1
cg00170487	FHDC1	0.148122	0.817632	0.866529	-1.15403	0.332214	1.85976	1.85976	0.693453	1.27854	1.27854	0.156085	0.390185	-2.56289	0.0102695	0.134481	-7.43599	0.275147	0.494513	-2.02219	0.207653	0.438641	-2.27977	0.507212	1.51789	1.51789	0.302429	0.515517	-1.9398	2.14439	13.0649	5.41563	1
cg10766792	WBP2NL	0.148122	0.494899	0.730758	-1.36844	0.00970519	0.227474	-4.39611	0.0652158	0.39187	-2.55186	0.953318	1.02685	1.02685	0.725322	1.1731	1.1731	0.200103	0.541957	-1.84516	0.573266	1.29379	1.29379	0.460495	0.711723	-1.40504	0.171013	0.517004	-1.93422	2.14439	6.95649	2.88359	1
cg27639613	BRE;BRE;BRE;BRE;BRE	0.148123	0.179218	0.383806	-2.60548	0.328354	1.96823	1.96823	0.128367	3.01368	3.01368	0.613773	0.710653	-1.40716	0.129411	0.332979	-3.0032	0.166528	2.69135	2.69135	0.346751	0.521888	-1.91612	0.277532	0.468628	-2.13389	0.0753875	0.264831	-3.776	2.14438	15.2992	6.34181	1
cg02537342	C11orf21;TSPAN32;C11orf21	0.148123	0.895783	1.0367	1.0367	0.956049	1.01527	1.01527	0.045985	0.533164	-1.8756	0.849196	0.948999	-1.05374	0.0859795	0.593472	-1.685	0.0306129	0.497313	-2.01081	0.105985	0.615368	-1.62504	0.332776	1.31621	1.31621	0.983631	0.994374	-1.00566	2.14438	2.56832	1.06462	1
cg14977707	KIAA0284;KIAA0284	0.148124	0.491841	1.33223	1.33223	0.162309	1.84593	1.84593	0.105817	2.06652	2.06652	0.734659	0.869551	-1.15002	0.0149089	0.292228	-3.42198	0.494154	0.751805	-1.33013	0.395756	1.42953	1.42953	0.687822	0.847076	-1.18053	0.89865	1.05375	1.05375	2.14438	5.73357	2.37668	1
cg26550874	SDK1;SDK1	0.148126	0.173661	0.702901	-1.42267	0.246306	1.3435	1.3435	0.114392	0.658226	-1.51923	0.54795	1.1596	1.1596	0.0110128	0.459903	-2.17437	0.838181	0.951419	-1.05106	0.612889	0.883153	-1.13231	0.411016	0.814863	-1.2272	0.750214	1.08089	1.08089	2.14437	2.01439	0.835009	1
cg21244086	SHF	0.148127	0.230096	0.315139	-3.17321	0.989082	0.987529	-1.01263	0.456077	2.00602	2.00602	0.411734	0.463143	-2.15916	0.4362	0.482637	-2.07195	0.389754	0.445628	-2.24403	0.00655028	0.0391981	-25.5114	0.09157	0.181995	-5.49464	0.312295	0.383444	-2.60795	2.14436	28.5637	11.8403	1
cg08856697	DCAF7;DCAF7	0.148128	0.0774016	0.621305	-1.60951	0.0649798	1.65264	1.65264	0.235927	1.35136	1.35136	0.850531	1.0468	1.0468	0.401475	0.812057	-1.23144	0.0603563	0.598393	-1.67114	0.856438	1.04488	1.04488	0.527393	1.16794	1.16794	0.348682	1.26352	1.26352	2.14435	1.99608	0.827426	1
cg24860534	CDC42BPA;CDC42BPA	0.148129	0.96043	0.985826	-1.01438	0.410856	1.27376	1.27376	0.063638	1.8221	1.8221	0.26876	1.39295	1.39295	0.778137	0.92194	-1.08467	0.0522474	1.88751	1.88751	0.0629277	0.547715	-1.82577	0.454417	0.803118	-1.24515	0.3463	1.32189	1.32189	2.14434	2.81178	1.16556	1
cg02432009	TRIM27	0.148129	0.367258	0.735075	-1.36041	0.0139402	0.364483	-2.74361	0.0865356	0.533037	-1.87604	0.717128	0.886116	-1.12852	0.619478	1.18099	1.18099	0.671653	0.867895	-1.15221	0.111526	1.77889	1.77889	0.973068	0.988844	-1.01128	0.806264	1.08508	1.08508	2.14434	3.75035	1.55462	1
cg03104467	CACNA1E	0.14813	0.0228093	3.39173	3.39173	0.869984	0.929198	-1.0762	0.0695095	2.48463	2.48463	0.0848703	2.34949	2.34949	0.0807419	2.38261	2.38261	0.139875	2.03821	2.03821	0.089001	2.31831	2.31831	0.435519	1.42853	1.42853	0.744402	1.15795	1.15795	2.14434	6.8248	2.82908	1
cg13014709	9-Mar	0.148136	0.471786	0.900598	-1.11037	0.0375592	1.41216	1.41216	0.4836	0.90318	-1.1072	0.0145191	1.53833	1.53833	0.898156	0.981851	-1.01848	0.812066	1.03466	1.03466	0.618142	1.07453	1.07453	0.854299	0.974049	-1.02664	0.194549	1.21688	1.21688	2.1443	0.69484	0.288036	1
cg24000860	ZCCHC24	0.148138	0.565889	0.920409	-1.08647	0.00434049	0.580005	-1.72412	0.569263	1.08568	1.08568	0.426149	0.890362	-1.12314	0.258123	0.84482	-1.18368	0.802942	0.964899	-1.03638	0.171823	0.812316	-1.23105	0.654491	0.937654	-1.06649	0.844501	1.02846	1.02846	2.14429	0.693569	0.287511	1
cg13778960	QSOX2	0.148138	0.15974	0.630133	-1.58697	0.469087	0.797376	-1.25411	0.832581	0.936997	-1.06724	0.827639	0.935165	-1.06933	0.00476524	0.315998	-3.16458	0.919868	0.96954	-1.03142	0.129329	0.604232	-1.65499	0.345879	0.741989	-1.34773	0.19777	0.658039	-1.51967	2.14428	3.20932	1.33039	1
cg01202700	TMEM132D	0.148138	0.236932	1.95285	1.95285	0.790163	1.15494	1.15494	0.804847	1.14307	1.14307	0.102856	2.62189	2.62189	0.601303	0.752191	-1.32945	0.2268	1.98459	1.98459	0.0239283	4.28586	4.28586	0.106346	0.385777	-2.59217	0.542936	0.717043	-1.39462	2.14428	9.90775	4.10715	1
cg01438685	UNC84A;UNC84A	0.148139	0.414789	1.34262	1.34262	0.0742253	2.02	2.02	0.0325586	2.42107	2.42107	0.119547	1.81666	1.81666	0.116012	0.546753	-1.82898	0.185481	1.64254	1.64254	0.294783	1.4682	1.4682	0.933724	1.02983	1.02983	0.923349	1.0346	1.0346	2.14427	4.24232	1.75861	1
cg14218374	LEMD2;LEMD2	0.148145	0.179399	0.594225	-1.68287	0.154811	1.74327	1.74327	0.6781	1.16455	1.16455	0.453098	1.32175	1.32175	0.258188	0.650114	-1.53819	0.250806	0.645358	-1.54953	0.769563	1.11317	1.11317	0.0173379	2.87961	2.87961	0.787009	0.905883	-1.1039	2.14423	4.52373	1.87531	1
cg14166756	ZNF774	0.148145	0.0874078	0.379797	-2.63298	0.221927	1.93211	1.93211	0.660512	1.25452	1.25452	0.879673	1.08082	1.08082	0.0638868	0.343508	-2.91114	0.378022	0.628738	-1.59049	0.0319969	0.275531	-3.62936	0.172973	0.475214	-2.10431	0.417278	0.65358	-1.53003	2.14423	8.93856	3.70547	1
cg27624327	SLC9A3	0.148147	0.633183	0.843636	-1.18535	0.500484	1.27359	1.27359	0.435001	1.32535	1.32535	0.165276	1.68775	1.68775	0.195791	0.616437	-1.62223	0.816953	1.08545	1.08545	0.141904	0.572096	-1.74796	0.113776	0.544179	-1.83763	0.0430384	2.27807	2.27807	2.14422	4.24701	1.7606	1
cg17665552	SHANK2;SHANK2	0.148148	0.18486	1.32262	1.32262	0.290522	0.804041	-1.24372	0.93084	0.982889	-1.01741	0.724059	1.07302	1.07302	0.107162	1.4186	1.4186	0.0745609	1.48435	1.48435	0.0191221	1.75741	1.75741	0.851021	1.03809	1.03809	0.535464	0.882694	-1.1329	2.14422	1.34257	0.556564	1
cg03513163	PCDHB1	0.148148	0.0567034	0.486258	-2.05652	0.162181	1.64687	1.64687	0.0299892	2.34766	2.34766	0.653259	1.16319	1.16319	0.901304	0.959375	-1.04235	0.526084	0.806745	-1.23955	0.460888	0.778063	-1.28524	0.622331	1.18052	1.18052	0.195109	1.58106	1.58106	2.14422	3.79473	1.57311	1
cg13946792	PEG3;PEG3;PEG3;ZIM2;PEG3;PEG3;ZIM2;ZIM2	0.14815	0.234244	1.46565	1.46565	0.0438465	2.03451	2.03451	0.647217	1.15173	1.15173	0.383887	1.31488	1.31488	0.636056	0.864028	-1.15737	0.0143022	2.52471	2.52471	0.349586	0.744373	-1.34341	0.343914	1.3484	1.3484	0.808101	0.928112	-1.07746	2.1442	3.19214	1.32332	1
cg23912452	NOC2L	0.148151	0.156292	0.500644	-1.99743	0.95766	1.02452	1.02452	0.634212	0.80358	-1.24443	0.824631	0.903708	-1.10655	0.0115755	0.236865	-4.22182	0.223547	0.557995	-1.79213	0.0508653	0.362473	-2.75882	0.260607	0.585499	-1.70794	0.0822828	0.415547	-2.40647	2.14419	7.06792	2.93006	1
cg14263139	RIN1	0.148152	0.0439498	0.424814	-2.35397	0.0848887	2.02298	2.02298	0.691355	1.15901	1.15901	0.604706	0.824399	-1.21301	0.056656	2.22062	2.22062	0.72707	0.87847	-1.13834	0.483258	0.768379	-1.30144	0.226791	0.625468	-1.5988	0.831955	0.924431	-1.08175	2.14419	4.64356	1.92502	1
cg23345500	MIAT	0.148153	0.113545	0.122359	-8.17267	?	?	?	0.995958	0.993919	-1.00612	?	?	?	?	?	?	0.0528837	0.0669853	-14.9286	0.507734	2.25005	2.25005	0.0782933	0.0912351	-10.9607	0.480591	2.37625	2.37625	2.31619	34.7128	17.4848	1
cg11944428	EFEMP2;EFEMP2	0.148155	0.624506	0.910337	-1.09849	0.266076	1.24692	1.24692	0.498554	1.13977	1.13977	0.0875946	0.698318	-1.43201	0.423521	1.16843	1.16843	0.233292	0.78822	-1.26868	0.0135506	0.558882	-1.78929	0.792611	0.951061	-1.05146	0.523898	0.884266	-1.13088	2.14416	1.2314	0.510492	1
cg21196487	S100A2	0.148157	0.0894328	0.200604	-4.98495	0.0119974	0.0679948	-14.707	0.0382064	0.127369	-7.85119	0.148222	0.26435	-3.78287	0.353598	0.440982	-2.26767	0.177518	0.292485	-3.41898	0.271526	0.374588	-2.6696	0.392198	0.471436	-2.12118	0.206643	0.318995	-3.13484	2.14415	24.9896	10.3598	1
cg06154877	PSMD3	0.14816	0.167875	1.3155	1.3155	0.565048	1.11462	1.11462	0.209054	1.28023	1.28023	0.146263	0.74754	-1.33772	0.837105	1.03916	1.03916	0.430807	0.860691	-1.16186	0.059159	0.672	-1.4881	0.431034	0.860757	-1.16177	0.080455	1.43583	1.43583	2.14413	1.18199	0.490017	1
cg19462116	DIP2C	0.148163	0.778679	1.08005	1.08005	0.0737078	0.57991	-1.72441	0.0518103	0.546173	-1.83092	0.894522	1.03692	1.03692	0.229526	1.41141	1.41141	0.0711512	1.73482	1.73482	0.892681	1.03758	1.03758	0.863276	1.04823	1.04823	0.20624	0.694625	-1.43962	2.14411	2.53652	1.05157	1
cg13031882	SDHAP1	0.148165	0.335218	0.536597	-1.86359	0.145327	0.375481	-2.66325	0.763311	1.20826	1.20826	0.274064	2.03997	2.03997	0.136121	0.365679	-2.73464	0.512493	0.659614	-1.51604	0.04956	0.245734	-4.06945	0.528538	1.49178	1.49178	0.0337552	0.211606	-4.72576	2.1441	13.3247	5.52409	1
cg16029760	OSTBETA	0.148168	0.264882	1.26406	1.26406	0.796111	1.0536	1.0536	0.512419	1.14337	1.14337	0.0757275	1.4898	1.4898	0.598051	0.898267	-1.11325	0.010078	1.92478	1.92478	0.590047	0.896116	-1.11593	0.981295	0.995284	-1.00474	0.116699	1.41019	1.41019	2.14407	1.38094	0.57251	1
cg01535733	RGS17;RGS17	0.148171	0.793848	1.03584	1.03584	0.680132	0.945785	-1.05732	0.341674	0.876574	-1.14081	0.945782	0.990897	-1.00919	0.0209835	0.688399	-1.45265	0.166842	0.820233	-1.21917	0.274121	1.16533	1.16533	0.556457	0.923138	-1.08326	0.0717176	1.31043	1.31043	2.14406	0.61388	0.254504	1
cg18465484	CPAMD8	0.148176	0.0968217	2.12527	2.12527	0.0394297	2.67906	2.67906	0.806217	0.903339	-1.107	0.229427	1.68476	1.68476	0.973391	0.986299	-1.01389	0.2111	1.72455	1.72455	?	?	?	0.152645	1.8844	1.8844	0.0304396	2.8637	2.8637	2.16135	5.20544	2.40842	1
cg09632858	JMJD5;JMJD5	0.148179	0.242277	0.799334	-1.25104	0.133131	0.743391	-1.34519	0.202063	0.781517	-1.27956	0.687731	1.07675	1.07675	0.746396	1.06119	1.06119	0.580149	1.10767	1.10767	0.0259829	1.622	1.622	0.534424	1.12204	1.12204	0.141586	0.748805	-1.33546	2.144	1.13737	0.471546	1
cg26464821	DLC1;DLC1;DLC1	0.148179	0.553748	1.39724	1.39724	0.227185	2.02989	2.02989	0.770335	0.849192	-1.17759	0.748462	1.19681	1.19681	0.0540769	0.294955	-3.39035	0.103548	0.37003	-2.70249	0.0469749	3.55997	3.55997	0.303981	1.81214	1.81214	0.941414	1.0419	1.0419	2.144	10.5888	4.39005	1
cg23050705	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.148182	0.433647	1.27454	1.27454	0.0476	0.502626	-1.98955	0.0463142	0.500038	-1.99985	0.673394	0.87922	-1.13737	0.612241	0.856242	-1.16789	0.738403	0.903238	-1.10713	0.096011	1.74201	1.74201	0.313139	1.37269	1.37269	0.361962	0.752377	-1.32912	2.14398	3.13046	1.29788	1
cg14896608	RPA1	0.148182	0.302186	1.327	1.327	0.16871	0.678286	-1.4743	0.036598	1.90202	1.90202	0.770513	0.925499	-1.0805	0.414906	0.802046	-1.24681	0.837427	1.05589	1.05589	0.366704	1.2782	1.2782	0.0660213	1.72613	1.72613	0.224358	0.713311	-1.40191	2.14398	2.37902	0.986335	1
cg08640923	TUBA4B;TUBA4A	0.148183	0.172693	9.66537	9.66537	0.0677871	24.4864	24.4864	0.229505	7.17804	7.17804	0.119575	14.0159	14.0159	0.657922	2.0069	2.0069	0.0731362	22.7395	22.7395	0.966605	0.936652	-1.06763	0.0179437	89.6445	89.6445	0.0976395	17.1324	17.1324	2.14397	82.9738	34.4009	1
cg23712367	INTS12;GSTCD;INTS12	0.148191	0.895678	1.03363	1.03363	0.978758	0.99331	-1.00673	0.892797	0.966579	-1.03458	0.0838975	1.61963	1.61963	0.259026	1.34564	1.34564	0.695374	1.1043	1.1043	0.575011	0.866916	-1.15351	0.0590892	0.584319	-1.7114	0.0312374	0.528769	-1.89119	2.14392	2.15801	0.894733	1
cg05005536	TBC1D19	0.148194	0.536437	0.829873	-1.205	0.00995439	0.379207	-2.63708	0.517919	0.822616	-1.21563	0.331588	0.742002	-1.34771	0.592235	1.17475	1.17475	0.817623	0.933505	-1.07123	0.0854354	1.76189	1.76189	0.667271	1.1375	1.1375	0.507758	0.818594	-1.22161	2.14389	3.01304	1.24925	1
cg01579912	CDC16;CDC16	0.148196	0.0443564	3.08902	3.08902	0.603204	1.29189	1.29189	0.597429	1.29728	1.29728	0.00687897	5.52292	5.52292	0.293592	1.70243	1.70243	0.340784	1.61515	1.61515	0.198163	1.94292	1.94292	0.403318	1.5184	1.5184	0.809386	0.888678	-1.12527	2.14389	8.09828	3.35767	1
cg22610676	C1orf61	0.148198	0.0425499	0.286784	-3.48695	0.051799	0.30684	-3.25903	0.645409	0.784569	-1.27459	0.726555	0.832131	-1.20173	0.284669	0.557253	-1.79452	0.78445	0.866345	-1.15427	0.0466045	0.295908	-3.37942	0.163558	2.19376	2.19376	0.299022	0.567713	-1.76145	2.25483	9.5656	3.29955	1
cg15037663	DFNA5;DFNA5;DFNA5	0.1482	0.88167	1.06703	1.06703	0.067175	2.44392	2.44392	0.0575312	2.54872	2.54872	0.18673	1.83976	1.83976	0.237833	0.583564	-1.71361	0.089844	2.25789	2.25789	0.0786147	2.34168	2.34168	0.198614	1.80712	1.80712	0.258382	1.67143	1.67143	2.14386	6.44206	2.67101	1
cg26344776	SNORD115-40	0.148205	0.0455002	0.160095	-6.24627	0.0877626	0.221974	-4.50502	0.427153	0.523309	-1.91092	0.664349	0.705595	-1.41724	0.0701127	0.198429	-5.03958	0.292566	0.418043	-2.3921	0.0290903	0.128176	-7.8018	0.0843357	0.21759	-4.5958	0.0951171	0.231126	-4.32665	2.14382	21.6613	8.98138	1
cg01769344	USP38	0.148206	0.834849	1.04103	1.04103	0.0677708	1.48304	1.48304	0.132765	1.36673	1.36673	0.681877	1.08262	1.08262	0.39399	0.845207	-1.18314	0.514257	0.880385	-1.13587	0.0220274	0.589192	-1.69724	0.701287	1.07706	1.07706	0.506488	1.13863	1.13863	2.14381	1.25967	0.522296	1
cg21932672	TMEM56	0.14821	0.25795	0.64261	-1.55615	0.00496407	4.02848	4.02848	0.417261	1.36418	1.36418	0.933982	1.03152	1.03152	0.872745	0.941719	-1.06189	0.89808	1.04918	1.04918	0.34868	1.43538	1.43538	0.600063	0.820216	-1.21919	0.906487	1.04501	1.04501	2.14379	4.76477	1.97564	1
cg10911619	TBC1D12	0.148213	0.138398	1.31674	1.31674	0.790071	1.0471	1.0471	0.0645562	1.43064	1.43064	0.522534	0.894237	-1.11827	0.175863	0.780168	-1.28178	0.609373	0.914947	-1.09296	0.0555335	0.687792	-1.45393	0.190507	1.27012	1.27012	0.870285	1.02859	1.02859	2.14377	1.0101	0.418828	1
cg14226867	EGFL8;PPT2;PPT2	0.148213	0.852482	0.941452	-1.06219	0.0463148	2.09552	2.09552	0.480723	0.7927	-1.26151	0.590779	1.19236	1.19236	0.0263092	0.425718	-2.34897	0.584102	0.835968	-1.19622	0.703862	0.883579	-1.13176	0.20443	1.54346	1.54346	0.294945	0.703254	-1.42196	2.14376	3.56649	1.47881	1
cg20237595	KALRN	0.148218	0.104732	0.283015	-3.53338	0.481209	0.600691	-1.66475	0.204995	0.385967	-2.5909	0.0688406	0.234668	-4.26133	0.0100389	0.09893	-10.1082	0.100754	0.278127	-3.59548	0.455153	0.581857	-1.71864	0.168796	0.352124	-2.83991	0.191247	0.373427	-2.6779	2.14373	17.2059	7.13435	1
cg13675859	GPR110;GPR110	0.148219	0.127657	0.312903	-3.19588	0.473827	1.67169	1.67169	0.424612	1.77743	1.77743	0.368644	0.521359	-1.91806	0.0505963	0.207766	-4.81311	0.48645	0.607261	-1.64674	0.0466282	0.200466	-4.98839	0.0627673	0.228351	-4.37923	0.221111	0.403626	-2.47754	2.14373	16.8924	7.00437	1
cg24783510	FCHO1;FCHO1;FCHO1;FCHO1	0.148219	0.582498	0.832957	-1.20054	0.219957	1.52898	1.52898	0.768081	1.10224	1.10224	0.555149	0.821619	-1.21711	0.269634	1.46	1.46	0.0585553	2.02079	2.02079	0.0161735	2.63411	2.63411	0.260407	1.47173	1.47173	0.41395	0.759622	-1.31644	2.14372	3.67944	1.52567	1
cg17356467	AFF3	0.148222	0.174416	0.719292	-1.39026	0.120544	1.46818	1.46818	0.111635	0.673566	-1.48464	0.258206	0.764091	-1.30875	0.0624008	0.619803	-1.61342	0.668899	1.10309	1.10309	0.261668	1.30598	1.30598	0.951865	1.01386	1.01386	0.163486	0.712358	-1.40379	2.1437	1.76599	0.732271	1
cg04606053	MMP24	0.148222	0.916546	0.963495	-1.03789	0.479707	1.29036	1.29036	0.047768	2.23235	2.23235	0.275496	1.49557	1.49557	0.439559	0.756016	-1.32272	0.845617	0.933173	-1.07161	0.0452164	0.442573	-2.25951	0.270933	0.665867	-1.5018	0.165669	1.68972	1.68972	2.1437	4.27386	1.77216	1
cg15422784	LRRC8B;LRRC8B	0.148222	0.393373	1.26902	1.26902	0.779115	0.926242	-1.07963	0.0988645	0.610737	-1.63737	0.474545	1.21917	1.21917	0.0202397	0.466296	-2.14456	0.187454	1.46328	1.46328	0.596122	1.15691	1.15691	0.567986	1.17031	1.17031	0.245361	0.718131	-1.3925	2.1437	2.52098	1.04533	1
cg26954671	SLC39A14;SLC39A14;SLC39A14	0.148224	0.464224	0.83615	-1.19596	0.278557	0.762883	-1.31082	0.052175	0.58828	-1.69987	0.416755	0.819251	-1.22063	0.944592	0.983442	-1.01684	0.206906	1.37678	1.37678	0.401316	1.22919	1.22919	0.420512	0.820623	-1.21859	0.0377121	1.78423	1.78423	2.14369	1.95915	0.812368	1
cg06529818	LOC100128071;TSSK3	0.148225	0.38746	0.746659	-1.3393	0.195398	1.57087	1.57087	0.340279	1.38281	1.38281	0.816475	1.07969	1.07969	0.0140073	0.367645	-2.72001	0.539468	0.814739	-1.22739	0.671264	0.868668	-1.15119	0.184836	0.628879	-1.59013	0.14293	0.594956	-1.6808	2.14368	3.69278	1.53123	1
cg08583240	MAP4K4;MAP4K4;MAP4K4	0.148229	0.567318	0.690376	-1.44849	0.11386	0.33209	-3.01123	0.937116	0.950691	-1.05187	0.100282	3.17049	3.17049	0.445285	0.607355	-1.64648	0.552973	0.680699	-1.46908	0.677567	0.764941	-1.30729	0.0162206	6.58147	6.58147	0.977946	0.982441	-1.01787	2.14366	13.943	5.7816	1
cg13661129	NR5A1	0.148236	0.832557	0.960316	-1.04132	0.183678	0.763551	-1.30967	0.174892	0.758837	-1.31781	0.384126	0.843093	-1.18611	0.228021	0.785053	-1.2738	0.988044	1.00287	1.00287	0.0165991	1.74988	1.74988	0.277702	0.805813	-1.24098	0.319229	0.821294	-1.21759	2.14361	1.2419	0.514979	1
cg03779973	DCLK2;DCLK2	0.148236	0.118315	0.2878	-3.47464	0.322933	0.472411	-2.1168	0.255454	0.418116	-2.39168	0.574326	0.659124	-1.51716	0.0592894	0.209321	-4.77735	0.192089	0.362702	-2.75708	0.00981725	0.0909421	-10.996	0.0817032	0.242425	-4.12498	0.32502	0.474038	-2.10954	2.14361	18.3151	7.59473	1
cg09252331	FHAD1	0.14824	0.141752	0.266352	-3.75444	0.677343	0.704409	-1.41963	0.541677	0.596114	-1.67753	0.226434	0.345231	-2.89661	0.0686578	0.181494	-5.50983	0.161588	0.286013	-3.49635	0.0160734	0.0848387	-11.7871	0.0372848	0.132093	-7.57044	0.199031	0.320969	-3.11556	2.14358	23.8059	9.8717	1
cg14759964	PPA2;PPA2;PPA2;PPA2;PPA2	0.148242	0.920541	1.01656	1.01656	0.337876	0.84992	-1.17658	0.35965	0.856401	-1.16768	0.889946	1.02305	1.02305	0.554559	0.9063	-1.10339	0.679843	1.07069	1.07069	0.0733381	0.719888	-1.38911	0.491653	1.12183	1.12183	0.0132796	1.65703	1.65703	2.14357	0.919706	0.381381	1
cg00576108	LRP5	0.148244	0.423499	0.526975	-1.89762	0.823109	1.19179	1.19179	0.617081	0.673659	-1.48443	0.942567	0.945102	-1.05809	0.0437068	0.162519	-6.15311	0.131656	0.279344	-3.57982	0.00778128	0.0687089	-14.5542	0.418936	0.523508	-1.91019	0.391035	0.502224	-1.99114	2.14355	20.8483	8.64536	1
cg02239209	C15orf27	0.148245	0.0188615	0.731073	-1.36785	0.333524	1.11611	1.11611	0.84956	0.979306	-1.02113	0.25396	1.14018	1.14018	0.670079	0.953901	-1.04833	0.318769	1.12016	1.12016	0.0577372	0.789548	-1.26655	0.562146	0.937497	-1.06667	0.883368	1.0163	1.0163	2.14355	0.411714	0.17073	1
cg03490567	URGCP;URGCP;URGCP	0.148245	0.996178	0.997532	-1.00247	0.00628931	6.27221	6.27221	0.0394594	3.41736	3.41736	0.889095	1.07463	1.07463	0.944221	0.964547	-1.03676	0.43095	1.51389	1.51389	0.573834	1.34065	1.34065	0.375897	1.59807	1.59807	0.967599	1.02118	1.02118	2.14355	9.03476	3.74654	1
cg21718086	DPP6;DPP6;DPP6	0.148246	0.0867521	0.665235	-1.50323	0.81558	1.05163	1.05163	0.347207	0.811752	-1.2319	0.0955517	1.48369	1.48369	0.72122	1.08026	1.08026	0.599163	0.892008	-1.12107	0.0199851	1.83126	1.83126	0.515483	1.15268	1.15268	0.981778	0.995091	-1.00493	2.14354	1.57616	0.653608	1
cg18009321	LOC284798;LOC284798;LOC284798	0.148251	0.0622968	16.0453	16.0453	0.177447	6.65741	6.65741	0.0725683	14.1498	14.1498	0.273141	4.51959	4.51959	0.0666722	15.1735	15.1735	0.177484	6.65621	6.65621	0.278578	4.43748	4.43748	0.022295	37.4272	37.4272	0.087343	12.1387	12.1387	2.1435	59.3851	24.6264	1
cg24304928	SORCS2	0.148253	0.16505	0.408604	-2.44736	0.312464	0.531819	-1.88034	0.529838	1.46909	1.46909	0.306432	1.89634	1.89634	0.0425842	0.243894	-4.10014	0.675118	1.29015	1.29015	0.0619904	0.280814	-3.56108	0.0986428	0.334718	-2.98759	0.607769	1.36735	1.36735	2.14349	12.3994	5.14194	1
cg01252513	CUX2	0.148254	0.157256	1.23424	1.23424	0.0994437	1.28566	1.28566	0.532589	1.09193	1.09193	0.070703	1.32447	1.32447	0.294253	1.16342	1.16342	0.123173	1.26159	1.26159	0.0119602	1.54701	1.54701	0.206103	1.20391	1.20391	0.823496	0.969394	-1.03157	2.14348	0.657247	0.272556	1
cg07498425	KLF5	0.148254	0.518441	0.92194	-1.08467	0.242576	0.859136	-1.16396	0.804496	1.03127	1.03127	0.796265	1.03264	1.03264	0.567688	0.930801	-1.07434	0.599449	0.936325	-1.06801	0.00561847	0.636786	-1.57039	0.232492	1.16817	1.16817	0.432626	0.905363	-1.10453	2.14348	0.523237	0.216983	1
cg20705781	SSH3	0.148258	0.577481	1.34416	1.34416	0.438961	1.51418	1.51418	0.202538	2.02809	2.02809	0.812375	1.13312	1.13312	0.491132	0.692434	-1.44418	0.870892	0.918067	-1.08925	0.082979	2.74253	2.74253	0.0148736	0.207133	-4.82781	0.490936	1.44443	1.44443	2.14346	9.3769	3.88859	1
cg14017460	DMWD	0.148259	0.044982	0.304992	-3.27878	0.870025	0.918953	-1.08819	0.756849	1.17386	1.17386	0.373777	0.624239	-1.60195	0.0271615	0.259336	-3.85601	0.0791959	0.365738	-2.7342	0.0399915	0.293707	-3.40475	0.592762	0.756812	-1.32133	0.421484	0.654535	-1.5278	2.14345	9.04319	3.75021	1
cg03193865	BOP1	0.148261	0.710569	0.922011	-1.08459	0.53245	0.871327	-1.14767	0.591561	0.888704	-1.12523	0.88373	1.03239	1.03239	0.775763	0.939686	-1.06419	0.546562	1.14215	1.14215	0.00404968	2.31811	2.31811	0.654535	0.906547	-1.10309	0.728013	0.926768	-1.07902	2.14344	1.61084	0.668019	1
cg16322208	AP3D1;AP3D1	0.148262	0.470476	1.06898	1.06898	0.191157	1.134	1.134	0.327314	1.09623	1.09623	0.314016	0.909733	-1.09922	0.346548	1.09206	1.09206	0.979272	1.00236	1.00236	0.0248712	0.784588	-1.27455	0.400415	0.924776	-1.08134	0.110188	1.17137	1.17137	2.14343	0.280226	0.116211	1
cg15675420	ZNF136	0.148263	0.237893	0.545128	-1.83443	0.979733	1.01254	1.01254	0.172281	0.490193	-2.04001	0.0760813	2.63447	2.63447	0.0629556	0.358223	-2.79156	0.596686	1.29963	1.29963	0.495292	1.40468	1.40468	0.234718	1.84274	1.84274	0.168222	2.05575	2.05575	2.14342	8.1756	3.39047	1
cg10033488	JPH3	0.148265	0.65347	1.17301	1.17301	0.0697907	2.04626	2.04626	0.104495	1.87127	1.87127	0.138889	1.75507	1.75507	0.598194	1.20658	1.20658	0.751882	1.11851	1.11851	0.0456118	0.445141	-2.24648	0.304006	0.686666	-1.45631	0.522423	1.25723	1.25723	2.14341	4.23274	1.75535	1
cg04452906	KCNJ5	0.148265	0.199799	0.840077	-1.19037	0.806075	0.968852	-1.03215	0.686058	0.949063	-1.05367	0.119936	0.804895	-1.2424	0.0206144	1.43149	1.43149	0.742797	1.04327	1.04327	0.524015	1.08662	1.08662	0.426265	0.90076	-1.11017	0.142711	1.22469	1.22469	2.14341	0.561871	0.233013	1
cg06930757	SHANK1	0.148268	0.0688947	0.577634	-1.7312	0.310037	0.753381	-1.32735	0.0116763	0.427601	-2.33863	0.153581	0.662389	-1.50969	0.471285	0.820737	-1.21842	0.533911	0.843802	-1.18511	0.181586	0.682292	-1.46565	0.363147	1.28654	1.28654	0.924149	1.026	1.026	2.14339	2.46708	1.02313	1
cg07269819	PRIC285;PRIC285	0.148268	0.895349	0.968343	-1.03269	0.120624	0.66267	-1.50905	0.0423587	0.56468	-1.77092	0.251136	1.34055	1.34055	0.185198	0.709324	-1.40979	0.858205	1.04468	1.04468	0.160246	1.44298	1.44298	0.101125	0.644793	-1.55089	0.799965	1.06403	1.06403	2.14339	2.02822	0.841126	1
cg00356694	SPNS3	0.148268	0.270898	0.468356	-2.13513	0.941936	0.95294	-1.04938	0.708022	0.779614	-1.28269	0.433521	0.589285	-1.69697	0.0162354	0.142947	-6.9956	0.422356	0.58139	-1.72001	0.0146	0.136673	-7.31673	0.182506	0.392119	-2.55024	0.217761	0.424013	-2.35842	2.14339	14.8647	6.16459	1
cg07165811	NFIC	0.148274	0.937227	1.03841	1.03841	0.936929	1.0386	1.0386	0.395603	1.51641	1.51641	0.434995	1.46402	1.46402	?	?	?	0.00689121	0.187493	-5.33354	0.482517	1.40716	1.40716	0.490108	0.714989	-1.39862	0.772517	1.1488	1.1488	2.16066	6.96628	3.22415	1
cg20746552	ARID5B	0.148279	0.15939	1.73323	1.73323	0.957352	0.980631	-1.01975	0.371771	1.3985	1.3985	0.0367592	2.42872	2.42872	0.329131	1.44537	1.44537	0.857092	1.06815	1.06815	0.766722	0.8969	-1.11495	0.604707	0.826139	-1.21045	0.0123101	3.1271	3.1271	2.14331	4.54086	1.88322	1
cg25326952	PDIA4	0.148279	0.385952	0.682212	-1.46582	0.171002	1.87235	1.87235	0.553649	1.29407	1.29407	0.115603	2.08749	2.08749	0.314958	0.639489	-1.56375	0.423162	1.4219	1.4219	0.78167	0.887331	-1.12698	0.0314945	2.96039	2.96039	0.139418	0.504414	-1.9825	2.14331	6.2842	2.60623	1
cg17088014	SLA;TG;SLA;SLA	0.148284	0.111484	0.287734	-3.47544	0.0537465	0.207242	-4.82528	0.0589283	0.215935	-4.63102	0.0803038	0.248039	-4.03163	0.0323336	0.165159	-6.05477	0.325346	0.482008	-2.07465	0.0940121	0.266303	-3.75512	0.138087	0.317458	-3.15002	0.248886	0.420594	-2.37759	2.14328	17.5285	7.26964	1
cg12473340	PITPNM3;PITPNM3	0.148284	0.173897	1.4359	1.4359	0.00456889	2.57135	2.57135	0.450197	0.824959	-1.21218	0.393494	1.24433	1.24433	0.928788	1.02261	1.02261	0.826335	0.946529	-1.05649	0.909122	0.971847	-1.02897	0.990062	0.99689	-1.00312	0.613467	1.13586	1.13586	2.14328	2.12307	0.88051	1
cg20179222	GTF2E1;RABL3	0.148284	0.257771	0.788395	-1.2684	0.125563	0.716231	-1.3962	?	?	?	0.907153	1.02377	1.02377	0.830531	1.04409	1.04409	0.961626	1.00973	1.00973	0.0411731	0.622344	-1.60683	0.784564	0.946325	-1.05672	0.0457419	1.58582	1.58582	2.16058	1.23286	0.570614	1
cg17675724	TNXB	0.148285	0.0358364	0.251601	-3.97454	0.251909	0.508476	-1.96666	0.376802	0.599007	-1.66943	0.201233	0.466407	-2.14405	0.0169919	0.19306	-5.17975	0.119419	0.384864	-2.59832	0.0671597	0.313691	-3.18785	0.14531	0.413262	-2.41977	0.414	0.623831	-1.603	2.14327	10.8388	4.49523	1
cg00922328	CKS2	0.148286	0.119409	0.780147	-1.28181	0.10372	1.29876	1.29876	0.326844	1.16034	1.16034	0.669797	0.938923	-1.06505	0.241412	1.19741	1.19741	0.384656	1.13992	1.13992	0.124404	1.27689	1.27689	0.0753569	1.3376	1.3376	0.0712952	1.34442	1.34442	2.14326	0.732702	0.303878	1
cg05048402	TRERF1	0.148289	0.601173	0.72303	-1.38307	0.241522	2.12515	2.12515	0.0941851	3.10025	3.10025	0.944403	1.04382	1.04382	0.0843497	0.309107	-3.23513	0.624887	0.738595	-1.35392	0.256042	0.482371	-2.07309	0.0360733	4.47754	4.47754	0.940441	0.955091	-1.04702	2.14325	12.8346	5.32301	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27413118	SCLY	0.148292	0.120708	0.886423	-1.12813	0.441565	1.05783	1.05783	0.0372696	0.840979	-1.18909	0.838875	1.01469	1.01469	0.739895	1.02415	1.02415	0.0301747	0.83309	-1.20035	0.290353	0.924401	-1.08178	0.263795	0.91994	-1.08703	0.504462	1.04972	1.04972	2.14322	0.174192	0.0722452	1
cg19379303	RNASEH2C	0.148295	0.0913603	3.27407	3.27407	0.8379	1.1396	1.1396	0.888274	1.09381	1.09381	0.970919	0.977013	-1.02353	0.0678602	0.271264	-3.68644	0.725965	1.25167	1.25167	0.0183561	0.161141	-6.20575	0.720813	0.795396	-1.25724	0.527348	1.50459	1.50459	2.1432	13.8127	5.72877	1
cg10043376	ARG2;ARG2	0.148295	0.378373	0.783056	-1.27705	0.0514038	0.548746	-1.82234	0.117509	0.631276	-1.58409	0.752671	1.0893	1.0893	0.565164	1.17039	1.17039	0.138451	0.649475	-1.53971	0.339159	1.30549	1.30549	0.747657	0.91636	-1.09127	0.0282869	0.496246	-2.01513	2.1432	2.48519	1.03073	1
cg08958168	SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.1483	0.135612	0.552892	-1.80867	0.0431472	0.424344	-2.35658	0.0703855	0.474663	-2.10676	0.495194	0.774779	-1.29069	0.0427063	0.423347	-2.36213	0.195728	0.604032	-1.65554	0.0560095	0.450445	-2.22003	0.251647	0.64323	-1.55465	0.0718933	0.47698	-2.09652	2.14317	4.60771	1.91107	1
cg24824842	BIN3	0.148302	0.224833	0.375813	-2.6609	0.00707955	0.0691554	-14.4602	0.0529189	0.184764	-5.41231	0.757017	0.788014	-1.26901	0.275531	0.418622	-2.38879	0.356661	0.482996	-2.07041	0.187699	0.342411	-2.92047	0.165779	0.32155	-3.10994	0.699424	0.742435	-1.34692	2.14316	20.0014	8.29572	1
cg08389814	HAR1B;HAR1A	0.148302	0.211651	0.702883	-1.42271	0.46302	1.2216	1.2216	0.584202	0.862362	-1.15961	0.943697	1.01911	1.01911	0.0887501	0.604681	-1.65376	0.993438	0.997799	-1.00221	0.012948	0.437574	-2.28533	0.0704246	0.581695	-1.71911	0.868862	1.04527	1.04527	2.14316	2.4369	1.01072	1
cg26769927	SPN;SPN	0.148303	0.253452	0.629888	-1.58758	0.109409	1.96687	1.96687	0.18732	1.71874	1.71874	0.247207	0.625691	-1.59823	0.784835	0.89937	-1.11189	0.154871	1.80404	1.80404	0.0536483	2.33787	2.33787	0.9319	0.96742	-1.03368	0.220695	0.607155	-1.64703	2.14315	5.09789	2.11439	1
cg15983698	TMPRSS13	0.148307	0.258716	0.541161	-1.84788	0.0720926	2.84642	2.84642	0.645346	0.785464	-1.27313	0.955928	0.971613	-1.02922	0.0193101	0.228912	-4.36849	0.278529	0.555922	-1.79881	0.466017	0.679391	-1.47191	0.240786	0.527342	-1.8963	0.172036	0.468834	-2.13295	2.14312	9.21606	3.82248	1
cg23679769	IQGAP3	0.148307	0.887296	0.976279	-1.0243	0.140273	1.30813	1.30813	0.0191286	1.61613	1.61613	0.956095	1.00936	1.00936	0.101875	1.3541	1.3541	0.989331	0.997739	-1.00227	0.112242	0.74621	-1.34011	0.549677	0.902601	-1.10791	0.871588	1.02776	1.02776	2.14312	0.972787	0.403477	1
cg25938347	NEIL1	0.148307	0.709632	0.869694	-1.14983	0.0137393	3.11792	3.11792	0.663931	1.17725	1.17725	0.964109	0.983344	-1.01694	0.530461	0.788834	-1.26769	0.582912	0.813011	-1.23	0.286519	1.51154	1.51154	0.0809522	2.0592	2.0592	0.21149	0.611801	-1.63452	2.14312	4.72924	1.96152	1
cg24448870	CHCHD6	0.148311	0.0524178	0.223638	-4.47152	0.272338	0.460329	-2.17236	0.970774	1.02519	1.02519	0.0846693	0.273935	-3.65051	0.11915	0.317151	-3.15307	0.0698293	0.252429	-3.9615	0.0418052	0.203291	-4.91905	0.064025	0.243335	-4.10957	0.235156	0.42961	-2.32769	2.14309	15.6492	6.4908	1
cg14320920	CC2D2B;CC2D2B	0.148312	0.313818	0.666781	-1.49974	0.331485	1.47672	1.47672	0.204024	0.593606	-1.68462	0.0628561	0.442963	-2.25752	0.0363142	0.387947	-2.57767	0.0379157	0.39202	-2.55089	0.174765	0.570316	-1.75341	0.307091	0.662747	-1.50887	0.494507	0.763453	-1.30984	2.14308	5.13777	2.131	1
cg00576639	TMEM57	0.148315	0.119596	0.702862	-1.42275	0.624232	0.902058	-1.10858	0.189674	0.748238	-1.33647	0.346327	1.22443	1.22443	0.0375532	0.604257	-1.65492	0.482862	1.16055	1.16055	0.885089	1.03065	1.03065	0.762088	1.06544	1.06544	0.034032	0.596576	-1.67623	2.14307	1.47943	0.613631	1
cg00915289	SHC1;SHC1;CKS1B;SHC1;SHC1;CKS1B	0.148319	0.303522	0.844023	-1.1848	0.0421744	1.45131	1.45131	0.0664189	1.38758	1.38758	0.771804	1.04736	1.04736	0.346894	1.16664	1.16664	0.320399	1.17747	1.17747	0.419776	0.87707	-1.14016	0.354196	1.16378	1.16378	0.0431638	1.44798	1.44798	2.14304	0.859368	0.356449	1
cg05891007	SHD	0.148319	0.0861691	0.312291	-3.20214	0.37992	0.575285	-1.73827	0.369476	1.76079	1.76079	0.0989893	0.329467	-3.0352	0.0154492	0.161391	-6.19615	0.220138	0.45322	-2.20643	0.166924	0.40474	-2.47072	0.196894	0.432807	-2.3105	0.355248	0.557804	-1.79275	2.14303	12.7888	5.30454	1
cg21386904	TNXB	0.148321	0.0862673	0.590327	-1.69398	0.151599	0.65229	-1.53306	0.0978514	0.603476	-1.65707	0.0673017	0.565406	-1.76864	0.0378014	0.511763	-1.95403	0.0394567	0.515569	-1.9396	0.936177	0.977974	-1.02252	0.223238	0.700542	-1.42747	0.181674	0.674158	-1.48333	2.14303	2.62503	1.08882	1
cg15903658	RGS7	0.148323	0.0341243	2.12494	2.12494	0.670727	1.13925	1.13925	0.0657644	0.532888	-1.87657	0.28563	1.40224	1.40224	0.11494	1.68634	1.68634	0.614546	1.16742	1.16742	0.2767	1.41186	1.41186	0.830998	0.936922	-1.06732	0.347161	0.744452	-1.34327	2.14301	3.15427	1.30835	1
cg13005635	TAS2R14;PRR4;PRH1	0.148325	0.585424	0.770702	-1.29752	0.586276	1.29674	1.29674	0.422706	0.678938	-1.47289	0.132711	2.15349	2.15349	0.117799	0.447923	-2.23253	0.547317	0.749796	-1.3337	0.313442	1.63719	1.63719	0.0175866	3.91953	3.91953	0.699091	1.20161	1.20161	2.14299	7.58852	3.14763	1
cg02911957	NRP2;NRP2;NRP2	0.148326	0.434006	0.844121	-1.18466	0.85143	1.0406	1.0406	0.560945	0.882674	-1.13292	0.146416	0.718266	-1.39224	0.0304282	0.582742	-1.71602	0.701241	0.921431	-1.08527	0.0211483	0.555191	-1.80118	0.59521	0.892412	-1.12056	0.0436733	0.611234	-1.63603	2.14299	1.52934	0.634352	1
cg04630273	ZBTB46	0.148326	0.910635	0.945514	-1.05763	0.0720971	2.72301	2.72301	0.256432	1.80598	1.80598	0.0716667	2.72809	2.72809	0.687105	0.817049	-1.22392	0.642941	1.26233	1.26233	0.0858335	2.57881	2.57881	0.0386287	3.30451	3.30451	0.0591786	2.89526	2.89526	2.14299	8.4514	3.50554	1
cg24901707	C8orf12;TDH	0.148327	0.342403	0.593595	-1.68465	0.0137856	0.197271	-5.06917	0.0714187	0.341815	-2.92556	0.868158	1.09262	1.09262	0.115489	0.401585	-2.49013	0.207537	0.492326	-2.03118	0.189245	0.476398	-2.09908	0.0754883	0.348176	-2.87211	0.893088	0.930814	-1.07433	2.14298	9.64859	4.00214	1
cg24834873	ANKRD34B	0.148327	0.995476	0.995401	-1.00462	0.463797	0.538839	-1.85584	0.488202	0.558369	-1.79093	0.23555	2.90325	2.90325	0.559145	0.614919	-1.62623	0.0387819	10.1287	10.1287	0.0413907	9.63061	9.63061	?	?	?	0.575721	0.628145	-1.59199	3.04785	24.6955	4.0513	1
cg18892461	ZNF529;ZNF529;ZNF529	0.148328	0.766859	1.04053	1.04053	0.0871524	0.776941	-1.2871	0.0677504	1.31445	1.31445	0.0691892	0.762107	-1.31215	0.318462	1.14772	1.14772	0.653792	0.94146	-1.06218	0.100868	0.786548	-1.27138	0.45622	0.903575	-1.10672	0.86414	0.977376	-1.02315	2.14298	0.605981	0.251356	1
cg19773045	SLC27A3	0.148332	0.353962	0.63542	-1.57376	0.989833	0.99396	-1.00608	0.140743	2.12422	2.12422	0.735276	0.850979	-1.17512	0.208216	0.532109	-1.87931	0.483038	0.712504	-1.4035	0.0075202	0.194828	-5.13273	0.46789	0.703833	-1.42079	0.428165	0.680697	-1.46908	2.14295	7.67367	3.18302	1
cg27211345	DDX11;DDX11;DDX11	0.148334	0.438942	1.10381	1.10381	0.0629608	1.29918	1.29918	0.00692582	1.54844	1.54844	0.110739	1.24288	1.24288	0.331965	1.13341	1.13341	0.719133	1.04622	1.04622	0.906478	0.985403	-1.01481	0.309582	1.14061	1.14061	0.876529	1.01964	1.01964	2.14294	0.531308	0.220386	1
cg03328107	MEGF6	0.148334	0.0243922	0.350015	-2.85702	0.269321	0.637488	-1.56866	0.0494367	0.415825	-2.40486	0.259283	0.630908	-1.58502	0.0370619	0.387695	-2.57935	0.523967	0.776665	-1.28756	0.078682	0.465659	-2.14749	0.836293	0.922213	-1.08435	0.190913	0.581586	-1.71944	2.14293	5.19849	2.15634	1
cg26732804	HHEX	0.148337	0.553431	0.878184	-1.13871	0.0896385	0.666673	-1.49999	0.884679	0.969042	-1.03195	0.815456	1.05196	1.05196	0.994411	0.998484	-1.00152	0.014438	0.520367	-1.92172	0.188942	0.739655	-1.35198	0.240311	1.30524	1.30524	0.126838	0.699208	-1.43019	2.14291	1.59347	0.660976	1
cg09239099	ERC1;ERC1;ERC1;ERC1;ERC1	0.14834	0.41118	1.17457	1.17457	0.147045	0.74233	-1.34711	0.266404	1.24823	1.24823	0.59519	1.10814	1.10814	0.0578798	0.663282	-1.50766	0.0852455	0.694665	-1.43954	0.0604791	0.666758	-1.49979	0.362381	0.835891	-1.19633	0.435905	0.858817	-1.16439	2.14289	1.24429	0.51614	1
cg21148128	HBS1L;HBS1L;HBS1L	0.148341	0.666919	1.03212	1.03212	0.762831	1.02234	1.02234	0.0272283	1.21022	1.21022	0.791868	1.0195	1.0195	0.376456	1.06851	1.06851	0.157921	1.11653	1.11653	0.057693	0.854969	-1.16963	0.696032	0.971742	-1.02908	0.126364	1.12833	1.12833	2.14289	0.180903	0.0750404	1
cg21762107	CTSA;CTSA;CTSA;NEURL2;CTSA;CTSA;CTSA	0.148341	0.324941	0.830818	-1.20363	0.0287625	1.60042	1.60042	0.0444411	1.5233	1.5233	0.493775	1.13509	1.13509	0.713327	1.0696	1.0696	0.499328	0.882461	-1.13319	0.64917	0.919882	-1.0871	0.879827	1.02797	1.02797	0.0753773	1.43473	1.43473	2.14288	1.12836	0.468053	1
cg13580755	RPS6KA2;RPS6KA2	0.148347	0.0743073	0.395721	-2.52703	0.993127	1.00402	1.00402	0.364156	1.54454	1.54454	0.973621	0.984703	-1.01553	0.0701243	0.38911	-2.56997	0.673551	1.21839	1.21839	0.0352244	0.318735	-3.1374	0.146347	0.483421	-2.06859	0.135974	0.472845	-2.11486	2.14285	7.37536	3.05942	1
cg21404933	MYEOV2;MYEOV2	0.148348	0.832323	0.93653	-1.06777	0.537066	1.21326	1.21326	0.190817	1.53483	1.53483	0.739933	1.10852	1.10852	0.0591164	0.51732	-1.93304	0.968994	0.98805	-1.01209	0.327917	1.36661	1.36661	0.805757	0.926631	-1.07918	0.0169435	0.406249	-2.46154	2.14284	3.24636	1.34665	1
cg19101018	GLT25D2	0.148352	0.187158	1.46486	1.46486	0.969555	0.989633	-1.01048	0.65453	1.13087	1.13087	0.544182	1.18249	1.18249	0.29063	1.34913	1.34913	0.269226	1.36915	1.36915	0.00437261	2.82763	2.82763	0.287309	1.35214	1.35214	0.146583	1.53033	1.53033	2.14281	2.53048	1.04971	1
cg13981319	ICAM3	0.148354	0.397769	0.692285	-1.44449	0.610968	1.24346	1.24346	0.481833	1.3548	1.3548	0.490315	1.34665	1.34665	0.149271	0.518491	-1.92867	0.0559851	0.398712	-2.50808	0.0286811	0.334131	-2.99284	0.135425	0.50483	-1.98087	0.643239	1.2191	1.2191	2.1428	6.12265	2.53983	1
cg14509623	SHQ1	0.148356	0.816249	0.965625	-1.0356	0.0219935	1.51115	1.51115	0.233592	1.20644	1.20644	0.0702766	1.35537	1.35537	0.36062	0.868286	-1.15169	0.370744	1.14812	1.14812	0.158857	0.797474	-1.25396	0.940972	0.988933	-1.01119	0.966622	0.993731	-1.00631	2.14278	0.766409	0.317929	1
cg26582803	NECAB3;NECAB3	0.148357	0.125361	0.426878	-2.34259	0.0339702	3.56179	3.56179	0.285052	1.76798	1.76798	0.822076	0.890845	-1.12253	0.0905389	0.384029	-2.60397	0.76019	0.854613	-1.17012	0.125333	0.426847	-2.34276	0.939993	0.962101	-1.03939	0.652579	0.792507	-1.26182	2.14278	8.93729	3.70746	1
cg20611276	EYA4;EYA4;EYA4	0.148362	0.169108	4.0208	4.0208	0.0253941	12.4748	12.4748	0.219821	3.4057	3.4057	0.864767	0.850523	-1.17575	0.4008	0.441821	-2.26336	0.427789	2.15754	2.15754	0.966192	0.960543	-1.04108	0.0390903	9.66097	9.66097	0.106254	5.34126	5.34126	2.14275	30.6152	12.7003	1
cg26960562	DNAH9	0.148364	0.0839329	1.3587	1.3587	0.613499	1.08506	1.08506	0.0933747	1.3442	1.3442	0.165509	1.26753	1.26753	0.367583	1.15991	1.15991	0.2764	1.19897	1.19897	0.290541	0.838779	-1.19221	0.863017	1.02807	1.02807	0.0155231	1.60924	1.60924	2.14273	0.871802	0.361658	1
cg14344749	FAM122B;FAM122B;FAM122C;FAM122B;FAM122B;FAM122B	0.148365	0.0496892	0.29767	-3.35943	0.120682	0.402149	-2.48664	0.660902	0.787485	-1.26987	0.628046	0.767797	-1.30243	0.0299677	0.251076	-3.98286	0.523242	0.704582	-1.41928	0.0230367	0.229653	-4.35439	0.181488	0.464076	-2.15482	0.963413	0.975479	-1.02514	2.14272	9.9407	4.12381	1
cg18173474	RHBG;RHBG	0.148371	0.17062	0.703353	-1.42176	0.417928	1.22094	1.22094	0.254318	0.750468	-1.3325	0.497263	0.846875	-1.18081	0.714405	0.915178	-1.09268	0.343093	0.790137	-1.2656	0.0570021	1.68099	1.68099	0.0318014	0.545057	-1.83467	0.316672	0.779076	-1.28357	2.14268	1.97367	0.818775	1
cg13669307	C1QTNF1;C1QTNF1;C1QTNF1	0.148373	0.484257	0.901546	-1.10921	0.0897233	0.761283	-1.31357	0.166074	1.24028	1.24028	0.260083	0.842581	-1.18683	0.384458	1.13885	1.13885	0.0268837	1.46553	1.46553	0.524996	0.910353	-1.09848	0.427147	0.888503	-1.12549	0.969555	1.00558	1.00558	2.14267	0.721458	0.299298	1
cg10166697	SLC25A13;SLC25A13;SLC25A13	0.148375	0.137314	0.659186	-1.51702	0.800701	0.936251	-1.06809	0.0179415	0.472848	-2.11484	0.962746	1.01224	1.01224	0.15873	1.48038	1.48038	0.198088	0.701713	-1.42508	0.507993	1.19111	1.19111	0.380704	1.26383	1.26383	0.563712	1.16416	1.16416	2.14265	2.30127	0.954691	1
cg10486227	RPP25	0.148377	0.438822	1.31208	1.31208	0.00989139	3.0683	3.0683	0.211116	1.57333	1.57333	0.789238	0.911964	-1.09653	0.229229	0.647912	-1.54342	0.0852381	1.92421	1.92421	0.962071	0.983775	-1.01649	0.553183	1.22918	1.22918	0.760442	1.11092	1.11092	2.14264	4.01515	1.66571	1
cg15538264	FBXO27	0.148377	0.45516	1.26583	1.26583	0.657003	1.14854	1.14854	0.0104857	0.368533	-2.71346	0.285218	1.41054	1.41054	0.700078	1.12744	1.12744	0.42879	0.778551	-1.28444	0.482826	0.801699	-1.24735	0.158549	0.626842	-1.5953	0.224895	0.673667	-1.48441	2.14264	3.25878	1.35193	1
cg25204764	SRRM1	0.14838	0.469688	1.16957	1.16957	0.120508	0.698634	-1.43136	0.0280191	0.575376	-1.73799	0.83879	0.957547	-1.04434	0.031744	0.585006	-1.70938	0.227018	0.763302	-1.3101	0.824746	0.953867	-1.04836	0.169201	0.732047	-1.36603	0.142675	0.714945	-1.39871	2.14262	1.53899	0.638465	1
cg01943851	PRRT2	0.148385	0.279579	0.497732	-2.00911	0.0588848	3.75909	3.75909	0.0192033	5.8031	5.8031	0.0946505	3.12728	3.12728	0.533159	0.675868	-1.47958	0.961659	0.970604	-1.03029	0.80025	1.17042	1.17042	0.625856	1.35659	1.35659	0.36915	1.77264	1.77264	2.14259	13.0722	5.42325	1
cg14607812	ADAM19	0.148385	0.467324	1.09255	1.09255	0.149597	0.831178	-1.20311	0.168969	0.839118	-1.19173	0.106042	1.23525	1.23525	0.0770955	0.79037	-1.26523	0.802507	0.970452	-1.03045	0.0930529	0.801603	-1.2475	0.258995	1.15136	1.15136	0.661231	0.948592	-1.05419	2.14258	0.486081	0.201659	1
cg15641641	SNORD116-10	0.148385	0.540425	1.43925	1.43925	0.0815049	0.321607	-3.10939	0.2874	1.9136	1.9136	0.33544	0.557895	-1.79245	0.169184	0.422923	-2.3645	0.631291	0.752699	-1.32855	0.0641742	0.294625	-3.39415	0.20188	2.20725	2.20725	0.0995335	0.346225	-2.88829	2.14258	11.7137	4.85962	1
cg16302816	PLEKHA7	0.148386	0.318311	0.670165	-1.49217	0.83349	0.92156	-1.08512	0.0310193	0.374385	-2.67105	0.0930958	0.488285	-2.04798	0.994589	0.997372	-1.00263	0.392557	1.40477	1.40477	0.22711	1.63565	1.63565	0.137558	1.85994	1.85994	0.360899	0.694575	-1.43973	2.14258	5.10933	2.1197	1
cg21627728	NRIP1	0.148386	0.652577	0.853032	-1.17229	0.0190992	0.369736	-2.70463	0.183744	0.609762	-1.63998	0.593506	0.827801	-1.20802	0.0397467	0.434312	-2.30249	0.0540079	0.464311	-2.15373	0.546564	1.23865	1.23865	0.416701	0.747402	-1.33797	0.883307	0.949787	-1.05287	2.14257	4.1752	1.73217	1
cg07785444	NKPD1	0.148389	0.0181864	0.112364	-8.89967	0.468901	0.570208	-1.75374	0.0559205	0.191881	-5.21156	0.397567	0.516675	-1.93545	0.159842	0.318245	-3.14224	0.0850626	0.23421	-4.26967	0.673878	1.3808	1.3808	0.0751418	0.220761	-4.52978	0.406295	0.523276	-1.91104	2.14256	19.7203	8.18142	1
cg20426713	SAMD13	0.148404	0.11915	0.516957	-1.9344	0.671307	0.846602	-1.18119	0.0245055	0.351584	-2.84427	0.82727	1.08899	1.08899	0.703914	0.861604	-1.16063	0.586494	0.807136	-1.23895	0.0319009	0.374953	-2.667	0.198459	1.69925	1.69925	0.830067	0.919572	-1.08746	2.14246	5.16433	2.14264	1
cg15312298	FAM84B	0.148404	0.416046	1.12911	1.12911	0.963767	1.00666	1.00666	0.130775	1.26916	1.26916	0.356487	0.87063	-1.14859	0.469481	1.11349	1.11349	0.638186	0.933151	-1.07164	0.645781	0.934629	-1.06994	0.65815	1.06721	1.06721	0.00658566	1.67432	1.67432	2.14245	0.724042	0.3004	1
cg21202204	ADAMTSL2	0.148405	0.180639	0.373325	-2.67863	0.0283785	0.166386	-6.01011	0.0286263	0.167014	-5.98751	0.300081	0.475061	-2.10499	0.0918318	0.276254	-3.61985	0.297042	0.472673	-2.11563	0.0636984	0.235775	-4.24134	0.109403	0.298247	-3.35292	0.470876	0.601454	-1.66264	2.14244	16.3011	6.76324	1
cg26151454	AK3L1;AK3L1	0.148405	0.315293	0.790338	-1.26528	0.761811	0.933431	-1.07132	0.210699	0.741661	-1.34832	0.635457	0.897433	-1.11429	0.00903274	0.471391	-2.12138	0.762258	0.933556	-1.07117	0.113243	1.47784	1.47784	0.691155	1.09471	1.09471	0.475799	0.848473	-1.17859	2.14244	1.74243	0.722927	1
cg04290171	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46	0.148407	0.099712	0.276204	-3.62051	0.288988	0.456146	-2.19228	0.111879	0.290937	-3.43717	0.877767	1.11601	1.11601	0.0230139	0.143858	-6.95128	0.324317	0.483894	-2.06657	0.0262811	0.152665	-6.55029	0.175473	0.357928	-2.79386	0.234857	0.411495	-2.43016	2.14243	17.2562	7.15957	1
cg14246227	PCGF3	0.148408	0.415417	1.26268	1.26268	0.0845208	0.585888	-1.70681	0.241219	1.41021	1.41021	0.503384	1.20959	1.20959	0.0597229	0.551388	-1.81361	0.21824	0.695674	-1.43745	0.521995	0.833742	-1.19941	0.12059	0.623926	-1.60275	0.110775	0.614555	-1.62719	2.14243	2.66383	1.10522	1
cg09367648	P4HTM;P4HTM	0.148408	0.39135	0.922746	-1.08372	0.725725	1.03277	1.03277	0.170748	1.14286	1.14286	0.337854	0.913518	-1.09467	0.914028	1.00994	1.00994	0.196155	0.882383	-1.1333	0.0254093	0.784103	-1.27534	0.188805	0.88033	-1.13594	0.159881	1.14738	1.14738	2.14242	0.284379	0.117988	1
cg00979628	MUM1;MUM1	0.148409	0.372346	1.28263	1.28263	0.0577809	0.558214	-1.79143	0.899224	0.966153	-1.03503	0.0247997	0.483766	-2.06711	0.668203	0.889422	-1.12433	0.128015	0.639435	-1.56388	0.0889078	0.600534	-1.66519	0.608348	0.868953	-1.15081	0.124965	0.636759	-1.57045	2.14242	2.50615	1.0398	1
cg02509204	PIGT	0.14841	0.30548	0.67324	-1.48536	0.0112775	0.306213	-3.2657	0.998045	1.00091	1.00091	0.296428	0.66786	-1.49732	0.221014	0.618959	-1.61562	0.302925	0.67173	-1.48869	0.225283	0.621965	-1.60781	0.251318	1.56346	1.56346	0.107024	0.5189	-1.92716	2.14241	4.71761	1.95734	1
cg20952286	CCDC37	0.148411	0.0399649	11.8601	11.8601	0.689943	0.658548	-1.51849	0.640381	0.612553	-1.63251	0.929023	1.09725	1.09725	0.29861	0.325533	-3.07189	0.35602	0.371967	-2.68841	0.421267	0.424931	-2.35332	0.892252	0.868335	-1.15163	0.0215184	17.7483	17.7483	2.14241	36.8192	15.2764	1
cg02764361	FER1L5;FER1L5	0.148412	0.128164	0.721202	-1.38657	0.426429	1.17514	1.17514	0.455235	0.859724	-1.16316	0.467158	0.863264	-1.15839	0.102016	0.700704	-1.42714	0.927797	0.98215	-1.01817	0.211213	1.29922	1.29922	0.193418	0.760722	-1.31454	0.0208417	0.57538	-1.73798	2.1424	1.34001	0.555977	1
cg02405662	DAZAP1;DAZAP1	0.148413	0.390827	1.29537	1.29537	0.0628028	1.85181	1.85181	0.203496	1.48448	1.48448	0.0144425	2.42845	2.42845	0.349473	1.32774	1.32774	0.296881	1.37483	1.37483	0.315951	1.35686	1.35686	0.373465	1.30854	1.30854	0.204679	0.674409	-1.48278	2.14239	2.93948	1.2196	1
cg15982595	C13orf35	0.148414	0.181048	0.657898	-1.51999	0.0434946	0.504328	-1.98284	0.0277382	0.464342	-2.15358	0.755888	0.912151	-1.09631	0.0914883	0.578139	-1.72969	0.436744	0.791421	-1.26355	0.0510675	0.519369	-1.92541	0.0949131	0.582094	-1.71794	0.257886	0.706021	-1.41639	2.14238	2.94981	1.22389	1
cg13529269	PPA2;PPA2;PPA2;PPA2;PPA2	0.148422	0.0755875	1.91749	1.91749	0.549314	0.81921	-1.22069	0.449016	0.775749	-1.28908	0.0162628	2.63058	2.63058	0.821829	1.07706	1.07706	0.437388	1.2979	1.2979	0.145678	0.597996	-1.67225	0.916066	1.03531	1.03531	0.758868	0.903625	-1.10665	2.14233	3.67565	1.52509	1
cg26762056	EIF3M;EIF3M	0.148424	0.594346	1.10184	1.10184	0.810846	0.95766	-1.04421	0.264394	1.23355	1.23355	0.0540363	0.673963	-1.48376	0.277153	0.815517	-1.22622	0.250226	0.805094	-1.24209	0.0490643	0.666713	-1.49989	0.0553456	0.675774	-1.47979	0.232996	0.798	-1.25313	2.14232	1.10461	0.458323	1
cg18595957	CARD14	0.148424	0.470648	0.79	-1.26582	0.0552002	2.01004	2.01004	0.250344	1.47082	1.47082	0.80568	0.923886	-1.08238	0.0164917	0.390236	-2.56255	0.40569	0.760909	-1.31422	0.904059	1.03949	1.03949	0.813948	0.927075	-1.07866	0.525944	0.813497	-1.22926	2.14232	3.50037	1.45237	1
cg03402775	DZIP3;KIAA1524	0.148428	0.154285	0.831497	-1.20265	0.139445	0.824934	-1.21222	0.525314	1.081	1.081	0.183127	0.842887	-1.1864	0.0930649	1.25054	1.25054	0.610455	1.06414	1.06414	0.0880854	1.25578	1.25578	0.281285	1.14511	1.14511	0.359269	1.12082	1.12082	2.14229	0.496806	0.206138	1
cg24852949	MCCC1	0.148429	0.112715	1.50953	1.50953	0.305585	1.28791	1.28791	0.567521	1.14777	1.14777	0.0554165	0.595802	-1.67841	0.705137	0.913319	-1.09491	0.220211	1.35994	1.35994	0.0305483	1.83339	1.83339	0.51137	1.17218	1.17218	0.532223	1.16288	1.16288	2.14228	1.93009	0.800845	1
cg23456739	RXRB	0.148436	0.179644	1.56202	1.56202	0.418278	1.2954	1.2954	0.528041	1.22147	1.22147	0.104697	1.7418	1.7418	0.62525	1.16653	1.16653	0.123162	1.68643	1.68643	0.966855	0.987081	-1.01309	0.00886588	2.8359	2.8359	0.070408	1.88289	1.88289	2.14224	3.32227	1.37853	1
cg04950789	E2F5;E2F5	0.148436	0.795634	1.04847	1.04847	0.672978	1.08048	1.08048	0.770277	0.948008	-1.05484	0.979186	1.00477	1.00477	0.622971	1.09457	1.09457	0.688766	1.07618	1.07618	0.0102044	0.553995	-1.80507	0.266866	1.23483	1.23483	0.0788605	1.42737	1.42737	2.14223	1.12807	0.468076	1
cg13451497	PTPRN2;PTPRN2;PTPRN2	0.148441	0.527549	1.35642	1.35642	0.0541615	0.353164	-2.83155	0.613697	0.784721	-1.27434	0.811032	0.89219	-1.12084	0.0113912	0.221241	-4.51997	0.337829	0.624639	-1.60093	0.548113	1.33568	1.33568	0.417038	1.4844	1.4844	0.859733	1.08789	1.08789	2.1422	7.69554	3.1932	1
cg11741004	CD47;CD47;CD47	0.148443	0.195801	2.6348	2.6348	0.145355	3.02625	3.02625	0.225562	2.46281	2.46281	0.107091	3.4754	3.4754	0.0743977	4.0868	4.0868	0.0410821	5.30803	5.30803	0.104448	3.51454	3.51454	0.0984344	3.609	3.609	0.0324479	5.88955	5.88955	2.14219	17.0152	7.06038	1
cg20655792	CD97;CD97;CD97	0.148447	0.087464	4.38133	4.38133	0.476309	1.76321	1.76321	0.0522741	5.63267	5.63267	0.168331	3.15683	3.15683	0.5966	1.51936	1.51936	0.883994	0.891966	-1.12112	0.0497463	5.77006	5.77006	0.083997	4.46921	4.46921	0.0353128	6.81704	6.81704	2.14216	20.8039	8.6326	1
cg16754747	CLPTM1L	0.148448	0.107461	0.426926	-2.34233	0.809313	0.889474	-1.12426	0.416172	1.49572	1.49572	0.0501028	0.338846	-2.9512	0.0640241	0.364802	-2.74121	0.0830035	0.394588	-2.53429	?	?	?	0.768784	0.866916	-1.15351	0.119022	0.440568	-2.2698	2.15943	7.13544	3.30431	1
cg13751796	USP20;USP20;USP20	0.148449	0.858299	1.04149	1.04149	0.201875	0.735976	-1.35874	0.0152157	0.507555	-1.97023	0.355786	1.2412	1.2412	0.206347	0.738442	-1.3542	0.263775	1.30343	1.30343	0.381255	1.22666	1.22666	0.573158	1.13827	1.13827	0.37208	0.811825	-1.23179	2.14214	1.75568	0.728525	1
cg10769178	PTPRN2;PTPRN2;PTPRN2	0.148451	0.0721279	0.627253	-1.59425	0.360935	0.803939	-1.24388	0.525534	0.861155	-1.16123	0.45787	0.838903	-1.19203	0.131633	0.685106	-1.45963	0.22628	1.34344	1.34344	0.231234	1.33884	1.33884	0.196306	0.727978	-1.37367	0.0411231	0.57836	-1.72903	2.14213	1.83184	0.760134	1
cg24718991	DGKD	0.148452	0.550813	1.59661	1.59661	0.0232923	8.18137	8.18137	0.883371	1.12052	1.12052	0.468102	1.77236	1.77236	0.607039	1.49505	1.49505	0.199243	2.86192	2.86192	0.493913	1.71353	1.71353	0.152498	3.28063	3.28063	0.0102434	12.2923	12.2923	2.14212	20.3886	8.4604	1
cg05692826	TMEM194B	0.148452	0.123078	1.53711	1.53711	0.483794	1.20097	1.20097	0.938241	0.980256	-1.02014	0.140636	1.50362	1.50362	0.900772	1.03262	1.03262	0.874735	1.04144	1.04144	0.0230734	0.49695	-2.01227	0.518743	0.84506	-1.18335	0.1302	0.656627	-1.52293	2.14212	2.2468	0.932327	1
cg00819142	SOX13	0.148453	0.456234	0.880211	-1.13609	0.133885	1.31237	1.31237	0.18115	0.787635	-1.26962	0.239131	0.812783	-1.23034	0.150186	0.771546	-1.2961	0.978659	1.00451	1.00451	0.0941026	1.36275	1.36275	0.9806	1.0041	1.0041	0.0597014	0.699561	-1.42947	2.14212	0.959238	0.398044	1
cg19447962	RAI1	0.148454	0.0827283	0.1047	-9.55105	0.247686	4.13457	4.13457	0.988509	0.98323	-1.01706	0.13351	0.149464	-6.69059	0.294862	0.279189	-3.5818	0.382265	0.349117	-2.86437	0.0158868	0.0311586	-32.0939	0.385286	0.35157	-2.84439	0.163447	0.174344	-5.7358	2.14211	46.7928	19.4171	1
cg14301844	WDR25;WDR25	0.148455	0.0177512	0.164338	-6.08503	0.119468	0.34704	-2.88151	0.179756	0.409638	-2.44118	0.502902	0.653197	-1.53093	0.0482254	0.243149	-4.11271	0.21842	0.444462	-2.24991	0.0615783	0.26741	-3.73958	0.191935	0.420948	-2.37559	0.137331	0.366999	-2.72481	2.14211	13.3115	5.52375	1
cg01422136	ZCCHC10	0.148455	0.0842929	0.736285	-1.35817	0.397066	1.14913	1.14913	0.0235744	1.54251	1.54251	0.259668	1.20742	1.20742	0.757372	0.951539	-1.05093	0.677846	0.935229	-1.06926	0.484509	0.892367	-1.12062	0.839938	1.03295	1.03295	0.111235	1.32064	1.32064	2.14211	0.871778	0.361753	1
cg15234627	STARD13	0.148457	0.99446	1.0027	1.0027	0.690831	1.16787	1.16787	0.757325	0.886646	-1.12785	0.425224	0.729	-1.37174	0.281116	1.54471	1.54471	0.15732	1.7986	1.7986	0.00840117	3.6942	3.6942	0.0911005	2.05935	2.05935	0.531638	1.27882	1.27882	2.14209	5.11172	2.12118	1
cg06510621	CBFA2T3;CBFA2T3	0.148459	0.945006	0.985778	-1.01443	0.0135108	0.530033	-1.88668	0.178789	1.34526	1.34526	0.58196	1.12238	1.12238	0.492902	0.865368	-1.15558	0.140443	1.38997	1.38997	0.264932	1.27284	1.27284	0.601833	1.11551	1.11551	0.818604	0.95342	-1.04886	2.14208	1.46272	0.60698	1
cg16005818	CAMTA1	0.14846	0.83991	0.894493	-1.11795	0.00802158	6.50531	6.50531	0.0888871	2.81345	2.81345	0.410975	0.629108	-1.58955	0.991902	1.00561	1.00561	0.884984	0.923311	-1.08306	0.343495	1.71247	1.71247	0.946905	0.963954	-1.03739	0.474312	0.669576	-1.49348	2.14207	10.3091	4.27795	1
cg00757731	MAGI1;MAGI1;MAGI1	0.148463	0.343807	1.35525	1.35525	0.856069	0.944975	-1.05823	0.329963	0.730976	-1.36803	0.0902734	0.558833	-1.78944	0.149942	0.618083	-1.61791	0.34557	0.738741	-1.35365	0.367165	1.33479	1.33479	0.207113	1.51393	1.51393	0.0523887	1.98909	1.98909	2.14205	3.29644	1.36793	1
cg07895203	PALLD;PALLD;PALLD;PALLD	0.148463	0.243184	0.413579	-2.41792	0.288728	0.45103	-2.21715	0.178874	0.356141	-2.80788	0.316105	2.11559	2.11559	0.0150241	0.115201	-8.68049	0.537226	0.636553	-1.57096	0.0949637	0.265384	-3.76813	0.660811	1.37606	1.37606	0.152147	0.329877	-3.03144	2.14205	17.732	7.35827	1
cg11625262	TIPARP;LOC100287227	0.148463	0.966975	0.991874	-1.00819	0.100401	1.42572	1.42572	0.479544	1.15216	1.15216	0.664551	0.917614	-1.08978	0.29197	0.806165	-1.24044	0.0135955	0.547892	-1.82518	0.303572	1.23366	1.23366	0.67612	1.08632	1.08632	0.477229	1.15305	1.15305	2.14205	1.31743	0.546698	1
cg12628196	SND1;LRRC4	0.148466	0.991759	0.998891	-1.00111	0.940288	1.00809	1.00809	0.177035	1.16676	1.16676	0.639351	0.950534	-1.05204	0.0169023	0.731084	-1.36783	0.273123	0.884622	-1.13043	0.335129	0.89867	-1.11276	0.211494	0.868066	-1.15199	0.0575844	0.793887	-1.25963	2.14203	0.391958	0.162653	1
cg26150071	CSMD2	0.148473	0.312406	0.649454	-1.53976	0.522666	1.30683	1.30683	0.115984	0.493786	-2.02517	0.706155	0.855175	-1.16935	0.717853	0.860812	-1.16169	?	?	?	0.032927	0.356848	-2.80232	0.126824	0.505554	-1.97803	0.131979	1.95727	1.95727	2.15925	5.18622	2.40186	1
cg11406765	AP2A2	0.148474	0.763631	0.838004	-1.19331	0.169409	2.358	2.358	0.133135	2.58431	2.58431	0.951829	0.965217	-1.03604	0.0900301	0.334565	-2.98896	0.347804	0.567527	-1.76203	0.0354238	0.238058	-4.20065	0.226131	0.474829	-2.10602	0.46056	0.643873	-1.5531	2.14197	11.6495	4.83437	1
cg13642914	C9orf171	0.148474	0.443165	1.67127	1.67127	0.374877	1.81896	1.81896	0.927619	1.0615	1.0615	0.0491104	4.37302	4.37302	0.407796	1.744	1.744	0.0811695	3.56082	3.56082	0.296592	2.03575	2.03575	0.0337131	5.09896	5.09896	0.0216371	6.11923	6.11923	2.14197	14.6372	6.07424	1
cg06883949	FGFR3;FGFR3;FGFR3	0.148474	0.107051	0.595159	-1.68022	0.0619039	1.86496	1.86496	0.0431196	1.99818	1.99818	?	?	?	0.159937	1.55487	1.55487	0.900541	1.03705	1.03705	0.537498	1.19963	1.19963	0.674803	0.88436	-1.13076	0.972432	0.989995	-1.01011	2.26885	2.64735	1.02097	1
cg19677267	CD52;UBXN11	0.148474	0.176944	0.270043	-3.70311	0.265914	2.87909	2.87909	0.950025	1.05884	1.05884	0.0570657	0.140309	-7.12715	0.0590445	0.143046	-6.99075	0.1164	0.210916	-4.74122	0.177603	0.270648	-3.69484	0.219254	0.307738	-3.24952	0.0865005	0.177766	-5.62536	2.14197	28.2276	11.7141	1
cg06745955	PROCA1	0.148476	0.16293	0.813491	-1.22927	0.228126	1.19163	1.19163	0.732996	1.0486	1.0486	0.881008	0.979454	-1.02098	0.0133316	0.653831	-1.52945	0.911685	0.984741	-1.0155	0.710872	0.949705	-1.05296	0.200787	1.20595	1.20595	0.322274	1.15224	1.15224	2.14196	0.651619	0.270415	1
cg27656573	ZMAT5;CABP7;ZMAT5	0.148476	0.43628	0.770063	-1.2986	0.0145896	2.69011	2.69011	0.0618049	1.99768	1.99768	0.708729	0.883862	-1.1314	0.545248	0.81758	-1.22312	0.692159	0.877289	-1.13988	0.16992	1.61758	1.61758	0.985008	0.993838	-1.0062	0.635285	0.854543	-1.17022	2.14196	3.67166	1.5237	1
cg01171858	SLC5A2	0.148478	0.604197	0.870015	-1.14941	0.658261	1.12584	1.12584	0.0519759	0.555037	-1.80168	0.943385	1.01909	1.01909	0.711799	1.10385	1.10385	0.133072	0.649536	-1.53956	0.00931547	0.415487	-2.40682	0.424279	0.804702	-1.2427	0.608605	0.871516	-1.14743	2.14195	2.40515	0.998117	1
cg04436724	PXDN	0.148478	0.268199	0.790948	-1.26431	0.887954	1.02908	1.02908	0.64357	1.09939	1.09939	0.108443	0.700413	-1.42773	0.163501	0.73904	-1.35311	0.860355	0.964826	-1.03646	0.0152564	1.83283	1.83283	0.917463	1.0213	1.0213	0.471445	1.16063	1.16063	2.14195	1.4028	0.58215	1
cg00117651	SMC1B;RIBC2	0.148479	0.973189	0.952158	-1.05025	0.141391	10.0438	10.0438	0.20353	7.08365	7.08365	0.956319	0.923207	-1.08318	0.248546	0.17213	-5.80956	0.79105	0.678854	-1.47307	0.0300741	0.0241959	-41.3293	?	?	?	0.158702	9.00387	9.00387	2.15921	64.6822	29.9563	1
cg04345108	SGPP1	0.148479	0.838707	0.972481	-1.0283	0.738119	1.04701	1.04701	0.966947	0.994343	-1.00569	0.213367	0.835764	-1.19651	0.150355	0.809707	-1.23501	0.162573	0.815356	-1.22644	0.00709819	0.621122	-1.60999	0.468805	0.904011	-1.10618	0.478479	1.10369	1.10369	2.14194	0.635921	0.263903	1
cg14549256	FAM193A	0.148479	0.345896	0.617401	-1.61969	0.497924	1.40751	1.40751	0.16714	2.07841	2.07841	0.0889305	2.53971	2.53971	0.33567	0.610673	-1.63754	0.959509	1.02554	1.02554	0.0355066	0.296415	-3.37365	0.177031	2.03974	2.03974	0.671843	0.809225	-1.23575	2.14194	8.372	3.47432	1
cg23378941	PRKCA	0.14848	0.406014	0.432814	-2.31046	0.00755821	0.033865	-29.529	0.0657003	0.130729	-7.64942	0.912617	0.897502	-1.1142	0.0857341	0.153985	-6.49413	0.243574	0.300599	-3.32669	0.452211	0.470259	-2.12649	0.23683	0.294942	-3.3905	0.794647	0.773398	-1.293	2.14193	32.9217	13.6623	1
cg18975055	ARRB1;ARRB1	0.148484	0.342798	0.833193	-1.2002	0.0628245	0.676488	-1.47822	0.156294	0.753397	-1.32732	0.0883691	0.703941	-1.42057	0.485487	0.876044	-1.14149	0.123124	1.36599	1.36599	0.156226	1.32739	1.32739	0.87059	1.03091	1.03091	0.406311	0.853318	-1.1719	2.14191	1.18269	0.490814	1
cg18823272	CHST8;CHST8	0.148485	0.409335	1.17762	1.17762	0.045961	0.641981	-1.55768	0.791572	0.949976	-1.05266	0.192569	1.30632	1.30632	0.441606	0.858959	-1.1642	0.838997	0.961349	-1.0402	0.0276596	1.65609	1.65609	0.349892	0.829906	-1.20496	0.851172	1.03706	1.03706	2.1419	1.27355	0.528525	1
cg13247990	MYLK3;MYLK3	0.148487	0.080668	0.482402	-2.07296	0.193265	0.595687	-1.67874	0.048564	0.428342	-2.33458	0.653258	1.18549	1.18549	0.0898183	0.494784	-2.02109	0.0258373	0.369451	-2.70672	0.185087	0.58928	-1.69699	0.191581	0.594382	-1.68242	0.345089	0.69356	-1.44184	2.14188	4.80315	1.99333	1
cg10141789	CUX1;CUX1;CUX1	0.148488	0.784328	0.912428	-1.09598	0.208793	0.642351	-1.55678	0.375575	0.738016	-1.35498	0.223001	0.651973	-1.5338	0.220421	0.650256	-1.53786	0.127705	1.73356	1.73356	0.0230202	0.403246	-2.47988	0.238492	1.51049	1.51049	0.511777	0.800683	-1.24893	2.14188	3.78563	1.57105	1
cg10983115	TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2	0.148488	0.390588	0.901186	-1.10965	0.694361	1.04781	1.04781	0.0646754	1.27816	1.27816	0.395219	0.902144	-1.10847	0.0936338	0.804075	-1.24366	0.049463	0.767106	-1.3036	0.6219	1.06055	1.06055	0.19549	0.850509	-1.17577	0.503459	1.08361	1.08361	2.14187	0.474488	0.196915	1
cg00156684	BMP8B	0.148497	0.235353	0.698831	-1.43096	0.419002	0.78826	-1.26862	0.0702627	0.558199	-1.79148	0.373097	0.768391	-1.30142	0.00492621	0.341906	-2.92478	0.737077	0.907479	-1.10195	0.647942	0.875934	-1.14164	0.857089	1.05331	1.05331	0.446939	0.799836	-1.25026	2.14182	2.81613	1.16874	1
cg01436771	SRM	0.148497	0.357307	0.721612	-1.38579	0.120053	1.7882	1.7882	0.126885	1.76654	1.76654	0.0418397	0.445559	-2.24437	0.352705	0.719223	-1.39039	0.647166	0.853147	-1.17213	0.642094	1.17505	1.17505	0.169297	0.603718	-1.6564	0.344736	1.39851	1.39851	2.14181	4.0291	1.67215	1
cg09989939	STK24	0.148499	0.137194	0.597805	-1.67279	0.391677	1.32292	1.32292	0.531464	0.81728	-1.22357	0.405554	1.31166	1.31166	0.0156604	0.378148	-2.64447	0.981314	0.992587	-1.00747	0.0811907	0.53571	-1.86668	0.196752	0.645761	-1.54856	0.425139	0.771377	-1.29638	2.25252	3.52489	1.21712	1
cg05208050	MOGS;MOGS	0.148502	0.169912	0.427391	-2.33978	0.233849	0.483969	-2.06625	0.402891	0.607892	-1.64503	0.478568	0.657766	-1.5203	0.0222949	0.203402	-4.91638	0.063725	0.297601	-3.36021	0.0346827	0.238876	-4.18627	0.683856	0.788155	-1.26879	0.0669388	0.302948	-3.3009	2.14178	11.4692	4.76	1
cg05694771	SLAMF1	0.148505	0.376434	0.675152	-1.48115	0.923582	1.0424	1.0424	0.0877756	0.442409	-2.26035	0.253896	0.597121	-1.6747	0.153007	0.515663	-1.93925	0.964922	1.01921	1.01921	0.13425	2.0115	2.0115	0.0192144	0.293485	-3.40733	0.510606	0.749161	-1.33483	2.14176	6.35322	2.63676	1
cg24980995	DIRC3	0.148506	0.65603	0.889976	-1.12363	0.0170289	2.13071	2.13071	0.150683	1.49256	1.49256	0.512425	0.841353	-1.18856	0.293148	0.753104	-1.32784	0.687318	0.900139	-1.11094	0.210794	0.709753	-1.40894	0.57093	1.16056	1.16056	0.257047	0.735233	-1.36011	2.14175	2.29324	0.951761	1
cg08916879	CARD11	0.148507	0.794899	0.879402	-1.13714	0.714332	0.834087	-1.19892	0.54917	1.34909	1.34909	0.0346006	0.287958	-3.47273	0.0154026	0.219767	-4.55027	0.0851064	0.385328	-2.59519	0.388057	0.645384	-1.54946	0.260044	0.558149	-1.79164	0.283432	0.575332	-1.73813	2.25245	8.49289	2.93261	1
cg05806333	FBXL16	0.148508	0.555064	1.16724	1.16724	0.530257	1.17903	1.17903	0.602798	1.14568	1.14568	0.145835	1.49853	1.49853	0.138463	0.661554	-1.51159	0.498629	0.836994	-1.19475	0.485467	0.832264	-1.20154	0.0116346	2.26356	2.26356	0.633222	1.13262	1.13262	2.14174	2.27612	0.94466	1
cg14037553	BCAM;BCAM	0.14851	0.0989792	0.557083	-1.79506	0.97379	0.98943	-1.01068	0.0320627	0.443857	-2.25298	0.185378	0.634929	-1.57498	0.0500429	0.485424	-2.06006	0.0647515	0.511226	-1.95608	0.101533	0.559988	-1.78575	0.122792	0.582283	-1.71738	0.745808	0.90014	-1.11094	2.14172	3.54846	1.47273	1
cg02937548	KIAA1688	0.148512	0.0520748	0.665519	-1.50259	0.912239	0.97989	-1.02052	0.68716	0.928117	-1.07745	0.545326	1.11939	1.11939	0.736596	1.06418	1.06418	0.556021	0.896078	-1.11597	0.0140877	1.74786	1.74786	0.677391	0.925806	-1.08014	0.316802	0.826389	-1.21008	2.14171	1.15168	0.477989	1
cg10004897	TADA2B	0.148513	0.800057	1.1196	1.1196	0.552698	1.30652	1.30652	0.434921	1.42566	1.42566	0.0247474	3.28707	3.28707	0.0353535	0.335943	-2.97669	0.448215	1.41066	1.41066	0.474516	1.38231	1.38231	0.150244	1.98676	1.98676	0.729391	1.16718	1.16718	2.1417	6.7215	2.78968	1
cg13940534	DIAPH1;DIAPH1	0.148513	0.614858	0.842668	-1.18671	0.035528	2.28367	2.28367	0.628278	1.17894	1.17894	0.211951	0.641687	-1.55839	0.293969	0.692607	-1.44382	0.555512	1.22286	1.22286	0.99427	1.00243	1.00243	0.853852	1.06419	1.06419	0.0284853	0.418	-2.39235	2.1417	3.86176	1.60278	1
cg00446065	MAD1L1;MAD1L1;MAD1L1	0.148515	0.408991	0.797124	-1.25451	0.221998	1.41147	1.41147	0.333753	0.765142	-1.30695	0.328535	0.762782	-1.31099	0.808502	0.936884	-1.06737	0.0411683	0.531242	-1.88238	0.040519	1.88738	1.88738	0.30805	0.753298	-1.3275	0.892845	1.03685	1.03685	2.14169	2.44547	1.01497	1
cg05156137	RCAN1;RCAN1;RCAN1	0.148517	0.106691	0.262456	-3.81016	0.296775	0.439755	-2.27399	0.0709614	0.216091	-4.62768	0.999374	0.999405	-1.0006	0.914867	0.922001	-1.0846	0.517694	1.64556	1.64556	0.127323	0.285875	-3.49804	0.0423696	5.90309	5.90309	0.593214	0.663992	-1.50604	2.14168	19.5628	8.11939	1
cg11586330	LHX5	0.148518	0.157714	0.176486	-5.66618	0.119289	0.143554	-6.966	0.393898	0.36688	-2.72569	0.162322	0.180336	-5.5452	0.0647414	0.0923695	-10.8261	0.114487	0.139307	-7.17837	0.0273973	0.0499737	-20.0105	0.590969	1.86441	1.86441	0.081772	0.109192	-9.15819	2.14167	44.7184	18.5601	1
cg05744064	SECTM1	0.148521	0.23918	1.98886	1.98886	0.106125	2.67615	2.67615	0.505289	1.45799	1.45799	0.061596	3.2363	3.2363	0.760809	0.843404	-1.18567	0.054834	3.36942	3.36942	0.277475	0.532598	-1.87759	0.177532	2.22405	2.22405	0.0685802	3.11784	3.11784	2.14165	10.5534	4.38016	1
cg20639398	TSPAN9;TSPAN9	0.148525	0.151611	0.359924	-2.77836	0.549983	1.49526	1.49526	0.464783	1.64025	1.64025	0.662516	0.746693	-1.33924	0.0236614	0.165823	-6.03051	0.458958	0.605585	-1.6513	0.188104	0.395466	-2.52866	0.0490869	0.224418	-4.45597	0.116836	0.321994	-3.10565	2.14162	15.006	6.2283	1
cg00791905	GFI1;GFI1;GFI1	0.148536	0.396135	1.60627	1.60627	0.34062	1.70844	1.70844	0.279941	1.84515	1.84515	0.91816	0.945488	-1.05765	0.0558863	3.25846	3.25846	0.358774	0.597717	-1.67303	0.461289	0.664288	-1.50537	0.0135778	5.28893	5.28893	0.390151	1.61647	1.61647	2.14155	10.0882	4.18728	1
cg07830750	PRR25	0.148539	0.0243836	0.134319	-7.44499	0.728285	0.770276	-1.29824	0.126933	0.29071	-3.43986	0.452528	0.563981	-1.77311	0.0710207	0.221054	-4.52378	0.117003	0.279614	-3.57636	0.0418026	0.172756	-5.7885	0.0958041	0.254349	-3.9316	0.196003	0.359415	-2.7823	2.14153	18.9956	7.88454	1
cg11074088	NCOR2;NCOR2	0.148541	0.372543	0.807124	-1.23897	0.0482716	1.69597	1.69597	0.275987	1.30374	1.30374	0.36125	0.802783	-1.24567	0.184859	1.38979	1.38979	0.574786	0.875751	-1.14188	0.0303928	1.81413	1.81413	0.718874	0.918873	-1.08829	0.639893	0.895575	-1.1166	2.14151	1.85811	0.771256	1
cg26640473	ADD1;ADD1;ADD1;ADD1	0.148542	0.303217	1.43678	1.43678	0.668142	1.15784	1.15784	0.0707503	1.98614	1.98614	0.0906302	1.88427	1.88427	0.870376	0.946014	-1.05707	0.0129911	2.85058	2.85058	0.0738355	1.96825	1.96825	0.953833	0.980517	-1.01987	0.75553	1.11198	1.11198	2.14151	3.91685	1.62579	1
cg25612596	MBNL1;LOC401093;LOC401093;MBNL1	0.148542	0.4679	0.836776	-1.19506	0.0355104	1.80496	1.80496	0.128178	1.48702	1.48702	0.683787	1.10384	1.10384	0.513469	1.17337	1.17337	0.0744863	0.619143	-1.61513	0.245633	0.746043	-1.34041	0.788428	0.937168	-1.06704	0.29422	1.30015	1.30015	2.14151	1.97422	0.819451	1
cg23120518	PRSS35;PRSS35	0.148546	0.14202	0.294379	-3.39698	0.835045	1.17531	1.17531	0.319548	0.450753	-2.21851	0.0170838	0.105176	-9.50792	0.0415897	0.162026	-6.17185	0.6323	1.45273	1.45273	0.900607	0.907745	-1.10163	0.197265	0.347881	-2.87455	0.146827	0.299328	-3.34082	2.14148	20.3528	8.44809	1
cg26296337	OTOP3	0.148547	0.147662	2.30651	2.30651	0.161187	0.447058	-2.23685	0.127863	0.412458	-2.42449	0.773637	1.16783	1.16783	0.597544	0.750791	-1.33193	0.771309	1.16976	1.16976	0.40852	0.634577	-1.57585	0.293293	0.556264	-1.79771	0.0290186	3.99309	3.99309	2.14147	9.81664	4.07473	1
cg11115976	B3GNTL1	0.148551	0.383282	0.850788	-1.17538	0.70954	1.06996	1.06996	0.969435	1.00695	1.00695	0.228549	0.795797	-1.2566	0.0873755	1.4065	1.4065	0.143461	1.32863	1.32863	0.0163247	1.70011	1.70011	0.902545	1.02239	1.02239	0.69643	0.931588	-1.07344	2.14144	1.10795	0.459897	1
cg09013092	DEF8;DEF8	0.148553	0.90941	0.961457	-1.04009	0.021658	0.385936	-2.5911	0.75516	1.11407	1.11407	0.146799	1.71213	1.71213	0.399299	1.34713	1.34713	0.142834	0.580505	-1.72264	0.596764	0.831623	-1.20247	0.984111	1.0069	1.0069	0.130518	1.75751	1.75751	2.14143	4.0443	1.67875	1
cg06940232	EXTL3	0.148554	0.217901	0.633225	-1.57922	0.0617542	0.476313	-2.09946	0.126011	0.557883	-1.79249	0.200014	0.620486	-1.61164	0.0983805	0.527816	-1.8946	0.195344	0.617042	-1.62063	0.0865607	1.94913	1.94913	0.994957	0.997774	-1.00223	0.868691	1.06006	1.06006	2.14143	4.21488	1.74956	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06066180	LOC340357	0.148555	0.845486	0.946481	-1.05655	0.336732	1.32211	1.32211	0.367389	0.770255	-1.29827	0.939952	1.02147	1.02147	0.122671	0.624035	-1.60247	0.132061	1.58128	1.58128	0.100885	1.65954	1.65954	0.033978	2.00929	2.00929	0.567219	0.849559	-1.17708	2.14142	2.69546	1.11887	1
cg04911940	CCDC157;SF3A1;SF3A1;SF3A1;CCDC157;SF3A1	0.148555	0.345474	0.703946	-1.42056	0.543296	1.24894	1.24894	0.314462	1.45622	1.45622	0.249846	1.54419	1.54419	0.0862941	0.504242	-1.98317	0.857118	1.06728	1.06728	0.127976	0.551806	-1.81223	0.0664354	0.475342	-2.10375	0.0898305	0.508855	-1.9652	2.14142	4.42738	1.83778	1
cg20181928	IGHMBP2	0.148555	0.952729	1.03757	1.03757	0.476278	1.56934	1.56934	0.216271	2.24705	2.24705	0.821591	0.868899	-1.15088	0.0899421	0.312569	-3.19929	0.119429	0.349466	-2.86151	0.743187	1.22698	1.22698	0.0171925	0.164249	-6.0883	0.476059	0.637064	-1.5697	2.14141	13.1294	5.44995	1
cg09143850	ODZ4	0.148555	0.0443035	0.21708	-4.60659	0.13472	0.34429	-2.90453	0.468459	0.614017	-1.62862	0.591413	0.698871	-1.43088	0.0110496	0.121558	-8.22651	0.109406	0.315336	-3.17122	0.283428	0.478607	-2.0894	0.790222	1.19279	1.19279	0.347835	0.527759	-1.8948	2.14141	14.8273	6.15474	1
cg23029409	SNORD115-19;SNORD115-17;SNORD115-18;SNORD115-19;SNORD115-17;SNORD115-18	0.148558	0.0344447	0.164465	-6.08031	0.100695	0.26828	-3.72745	0.651926	0.717276	-1.39416	0.150861	0.324134	-3.08514	0.0448563	0.185461	-5.39196	0.0964836	0.263042	-3.80168	0.171222	0.34435	-2.90403	0.545317	0.638955	-1.56505	0.0432103	0.182337	-5.48435	2.1414	18.1617	7.53887	1
cg23286353	ANKRD39	0.14856	0.216697	0.832469	-1.20125	0.526732	0.9135	-1.09469	0.152928	1.241	1.241	0.0712341	0.752597	-1.32873	0.226074	0.835851	-1.19639	0.561548	0.920536	-1.08632	0.0157178	0.658641	-1.51828	0.89026	1.01966	1.01966	0.583567	0.924882	-1.08122	2.14138	0.6748	0.28011	1
cg00418880	HS6ST3	0.148561	0.833396	1.0242	1.0242	0.00449989	1.53713	1.53713	0.437423	1.0941	1.0941	0.942972	0.991911	-1.00816	0.768774	0.967086	-1.03403	0.806667	0.972547	-1.02823	0.954564	1.00649	1.00649	0.41013	1.10035	1.10035	0.276336	0.879368	-1.13718	2.14137	0.437125	0.181452	1
cg26947721	PTPRS;PTPRS;PTPRS;PTPRS	0.148562	0.241229	0.653111	-1.53113	0.703754	0.875756	-1.14187	0.309502	1.44081	1.44081	0.799897	0.915576	-1.09221	0.151839	0.586752	-1.7043	0.412082	0.747344	-1.33807	0.0141685	0.349569	-2.86067	0.0411855	0.44133	-2.26588	0.520951	0.79777	-1.25349	2.14137	4.08966	1.69763	1
cg05295197	PNCK;PNCK	0.148566	0.241217	1.5453	1.5453	0.648074	0.849567	-1.17707	0.281309	1.48771	1.48771	0.616401	0.835955	-1.19624	0.0716702	0.48994	-2.04107	0.0477278	2.23256	2.23256	0.909715	1.04106	1.04106	0.699162	1.1477	1.1477	0.0542365	2.17056	2.17056	2.14134	4.26815	1.77175	1
cg07126095	COTL1	0.148573	0.297003	1.40313	1.40313	0.388148	0.762741	-1.31106	?	?	?	0.119061	0.558659	-1.79	?	?	?	?	?	?	0.315203	0.723526	-1.38212	?	?	?	0.0816423	2.00265	2.00265	3.84186	2.31403	0.361393	1
cg13461821	PTDSS1	0.148574	0.25223	0.601088	-1.66365	0.0892803	2.21984	2.21984	0.372743	1.47617	1.47617	0.0493342	0.384902	-2.59806	0.170307	0.537128	-1.86176	0.121691	0.489658	-2.04224	0.632052	0.814386	-1.22792	0.349895	1.50609	1.50609	0.961083	0.979447	-1.02098	2.14129	6.14262	2.54992	1
cg05207048	ODZ2	0.148575	0.0212927	0.183708	-5.44344	0.706059	0.792983	-1.26106	0.418026	0.602526	-1.65968	0.460926	0.631579	-1.58333	0.0290847	0.207086	-4.82891	0.735118	0.812302	-1.23107	0.331849	0.541783	-1.84576	0.210918	0.446218	-2.24106	0.0307116	0.21144	-4.72948	2.14128	12.7095	5.27598	1
cg17824923	DLX2	0.148576	0.763322	0.848305	-1.17882	0.526202	1.41887	1.41887	?	?	?	0.546378	0.717099	-1.39451	0.0265471	0.23876	-4.1883	0.0395036	0.273272	-3.65935	0.234199	0.506949	-1.97258	0.288671	1.82218	1.82218	0.892676	1.07631	1.07631	2.15853	9.01785	4.17778	1
cg17919137	VSX1	0.148576	0.835294	0.948218	-1.05461	0.530449	0.850192	-1.17621	0.786577	0.933037	-1.07177	0.675002	0.897901	-1.11371	0.0195383	0.486396	-2.05594	0.0571105	0.577114	-1.73276	0.373487	0.791903	-1.26278	0.353445	0.783619	-1.27613	0.0178315	0.479254	-2.08658	2.14127	2.21189	0.918201	1
cg03485217	CLNK;CLNK	0.148578	0.981524	0.993499	-1.00654	0.202514	0.684588	-1.46073	0.101542	0.603574	-1.6568	0.125925	0.627274	-1.5942	0.483532	0.81829	-1.22206	0.829801	0.941174	-1.0625	0.0234287	2.14379	2.14379	0.435755	1.251	1.251	0.490342	0.820921	-1.21814	2.14126	2.68996	1.11667	1
cg25142954	CHAC1;CHAC1	0.148579	0.534151	0.919937	-1.08703	0.330131	1.14247	1.14247	0.663326	0.943598	-1.05977	0.955335	0.992604	-1.00745	0.454638	1.10621	1.10621	0.0430434	0.734501	-1.36147	0.126838	1.24466	1.24466	0.228347	0.845713	-1.18243	0.0487418	0.742055	-1.34761	2.14125	0.595736	0.247305	1
cg05838553	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.148579	0.0475593	0.6226	-1.60617	0.528245	1.14295	1.14295	0.769147	1.06347	1.06347	0.808297	0.950443	-1.05214	0.0175775	0.546553	-1.82965	0.356794	0.820225	-1.21918	0.316846	1.24157	1.24157	0.506624	1.1513	1.1513	0.313817	0.804267	-1.24337	2.14125	1.48277	0.615535	1
cg25727019	PRKCZ;PRKCZ;PRKCZ	0.14858	0.841069	1.14375	1.14375	0.00735095	10.0872	10.0872	0.0237028	6.0887	6.0887	0.916534	1.07265	1.07265	0.510828	1.56233	1.56233	0.58468	1.44661	1.44661	0.516651	1.55251	1.55251	0.76648	1.22047	1.22047	0.890207	1.0968	1.0968	2.14124	15.1765	6.30017	1
cg02589899	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.148588	0.124703	5.8456	5.8456	0.271382	3.37483	3.37483	0.66092	1.59822	1.59822	0.190823	4.35561	4.35561	0.091453	7.20212	7.20212	0.338171	2.85433	2.85433	0.00963257	32.4832	32.4832	0.104767	6.57549	6.57549	0.103306	6.63778	6.63778	2.14119	38.2676	15.8863	1
cg12446722	ACBD3;ACBD3	0.148588	0.26189	0.740356	-1.3507	0.622053	1.13619	1.13619	0.785566	0.932321	-1.07259	0.530766	0.849451	-1.17723	0.613425	1.13986	1.13986	0.784933	0.932123	-1.07282	0.00684849	0.406599	-2.45943	0.708264	1.10141	1.10141	0.184576	1.43565	1.43565	2.14119	2.23918	0.929568	1
cg12564012	SDK1	0.148589	0.0723697	0.137432	-7.27632	0.121656	0.189982	-5.26365	0.856235	0.835689	-1.19662	0.490539	0.499992	-2.00003	0.0747517	0.140209	-7.13222	0.606671	0.598094	-1.67198	0.0295516	0.0791808	-12.6293	0.0321581	0.0834242	-11.9869	0.16917	0.234617	-4.26227	2.14118	33.2223	13.7919	1
cg26663772	SSH1;SSH1;SSH1	0.148593	0.449929	0.690543	-1.44814	0.0992983	2.38447	2.38447	0.329889	1.62188	1.62188	0.520846	0.731249	-1.36752	0.72541	0.843999	-1.18483	0.0384296	0.315504	-3.16954	0.0788054	0.391107	-2.55685	0.28258	1.71089	1.71089	0.468127	0.70114	-1.42625	2.14116	7.84418	3.25646	1
cg13168617	ST6GAL2;ST6GAL2	0.148597	0.623673	1.22703	1.22703	0.622698	1.22774	1.22774	0.432053	0.717676	-1.39339	0.561654	0.784442	-1.27479	0.00490169	0.213864	-4.67588	0.326355	0.657552	-1.52079	0.378906	0.688338	-1.45277	0.522173	1.30783	1.30783	0.361398	0.678307	-1.47426	2.14113	5.80424	2.40963	1
cg22891191	PTPRE	0.1486	0.731121	1.12716	1.12716	0.272594	0.672838	-1.48624	0.0542978	2.13362	2.13362	0.0662114	2.04423	2.04423	0.799435	0.915442	-1.09237	0.935749	1.02837	1.02837	0.0542516	0.468601	-2.13401	0.928129	1.0318	1.0318	0.272831	1.48593	1.48593	2.14111	4.08333	1.69521	1
cg06413976	METAP1	0.148601	0.0448849	0.712341	-1.40382	0.240124	0.834248	-1.19868	0.0317158	0.690026	-1.44922	0.574712	0.919858	-1.08712	0.957398	0.99216	-1.0079	0.237106	1.20022	1.20022	0.818178	0.96664	-1.03451	0.469998	0.897359	-1.11438	0.0540666	0.724575	-1.38012	2.1411	0.736207	0.30564	1
cg06943627	NGFR	0.148603	0.280302	1.32757	1.32757	0.0350178	1.85928	1.85928	0.0803473	1.63192	1.63192	0.0728838	1.65721	1.65721	0.30788	1.30537	1.30537	0.432402	1.2242	1.2242	0.0194142	2.04122	2.04122	0.310238	1.30356	1.30356	0.926385	0.976938	-1.02361	2.14109	2.16164	0.897421	1
cg08802533	DPYSL5	0.148603	0.650003	1.15561	1.15561	0.0238159	2.40482	2.40482	0.3153	1.39108	1.39108	0.462661	1.26757	1.26757	0.39237	1.3207	1.3207	0.0189474	2.52599	2.52599	0.284739	1.42404	1.42404	0.512278	0.810055	-1.23448	0.0944422	1.80412	1.80412	2.25172	3.49221	1.20626	1
cg02337825	BTNL9	0.148603	0.606022	0.752003	-1.32978	0.715824	1.22176	1.22176	0.507252	0.691727	-1.44566	0.811493	1.13984	1.13984	0.00598254	0.139696	-7.1584	0.201591	0.477704	-2.09335	0.541	0.712469	-1.40357	0.263467	1.89385	1.89385	0.740619	1.1996	1.1996	2.14109	10.1768	4.22498	1
cg07711085	NKAIN4	0.148604	0.0620852	0.269696	-3.70788	0.420722	0.598592	-1.67059	0.0915538	3.18701	3.18701	0.427973	1.65677	1.65677	0.460531	1.59796	1.59796	0.16349	0.395434	-2.52886	0.129878	2.77518	2.77518	0.88626	1.0934	1.0934	0.223429	0.45022	-2.22113	2.14108	13.1978	5.4792	1
cg14448850	TOMM7	0.148606	0.303314	0.451977	-2.2125	0.0977384	0.25842	-3.86967	0.651527	0.712742	-1.40303	0.942245	1.05545	1.05545	0.36531	0.500167	-1.99933	0.153137	0.320002	-3.12498	0.0144395	0.105892	-9.44355	0.353386	2.03646	2.03646	0.0837201	0.240359	-4.16044	2.14107	18.8117	7.80989	1
cg15124800	TP53TG5;SYS1-DBNDD2	0.148612	0.644388	1.1406	1.1406	0.104718	0.605379	-1.65186	0.0145592	0.426659	-2.34379	0.726825	1.10437	1.10437	0.98317	1.00599	1.00599	0.630632	1.14698	1.14698	0.0925186	1.68879	1.68879	0.748421	0.912945	-1.09536	0.565771	0.848473	-1.17859	2.14103	2.71661	1.12786	1
cg24787830	LNPEP;LNPEP	0.148612	0.643097	0.842125	-1.18747	0.0736223	0.479793	-2.08423	0.0398041	0.41679	-2.39929	0.397017	1.37624	1.37624	0.0461016	0.43103	-2.32003	0.149008	0.565608	-1.76801	0.101667	0.516937	-1.93447	0.846241	0.931006	-1.07411	0.223733	0.624574	-1.60109	2.14102	4.59786	1.90889	1
cg18873909	PARG	0.148613	0.0844075	0.49274	-2.02947	0.286965	0.663683	-1.50674	0.033113	0.397059	-2.51852	0.674159	0.854885	-1.16975	0.229582	0.626617	-1.59587	0.0682371	0.469059	-2.13193	0.0328209	0.396247	-2.52368	0.138423	0.553527	-1.80659	0.102929	0.516078	-1.93769	2.14102	4.66151	1.93533	1
cg16764781	TP63;TP63;TP63	0.148613	0.405502	0.690365	-1.44851	0.406532	1.44728	1.44728	0.662192	0.825804	-1.21094	0.092221	0.446234	-2.24098	0.0416613	0.35972	-2.77994	0.751169	0.870659	-1.14856	0.0601695	0.397314	-2.5169	0.316497	1.56967	1.56967	0.0888478	0.441709	-2.26394	2.14102	6.42761	2.66856	1
cg18069493	MCM3APAS;LSS;LSS;LSS;LSS	0.148613	0.0598879	0.234564	-4.26323	0.925497	0.938114	-1.06597	0.464988	1.6618	1.6618	0.195229	0.392304	-2.54905	0.0317974	0.179281	-5.57784	0.739695	1.25577	1.25577	0.751005	0.804581	-1.24288	0.148982	2.87794	2.87794	0.193652	0.390857	-2.55848	2.14102	15.8189	6.56757	1
cg18755078	G2E3	0.148617	0.584275	0.869877	-1.14959	0.27967	1.32783	1.32783	0.548832	0.858089	-1.16538	0.0701767	0.600065	-1.66649	0.746969	1.0851	1.0851	0.435582	0.818165	-1.22225	0.0124809	0.45648	-2.19068	0.475206	1.20105	1.20105	0.551356	1.16423	1.16423	2.14099	2.15836	0.896099	1
cg08479976	LRRC8D;LRRC8D	0.148624	?	?	?	0.939834	0.927322	-1.07837	0.260056	3.29469	3.29469	0.666808	1.54321	1.54321	0.0187093	0.0467119	-21.4078	0.391417	2.4239	2.4239	0.407316	0.425646	-2.34937	0.212438	0.262462	-3.81007	?	?	?	2.43961	28.592	10.0456	1
cg15347496	CNTNAP5	0.148625	0.192693	2.22425	2.22425	0.328223	1.79527	1.79527	0.144205	0.402674	-2.4834	0.892941	1.08121	1.08121	0.420405	1.61172	1.61172	0.372386	1.70066	1.70066	0.0190111	0.19274	-5.18834	0.437522	1.58283	1.58283	0.377368	1.69082	1.69082	2.14094	11.4002	4.73322	1
cg02797353	NR1I2;NR1I2;NR1I2	0.148626	0.0536699	0.302125	-3.30988	0.331221	0.578306	-1.72919	0.0728801	0.335234	-2.98299	0.582043	1.35481	1.35481	0.0209664	0.219307	-4.55983	0.478815	0.674819	-1.48188	0.0973571	0.370173	-2.70144	0.454113	0.659323	-1.51671	0.147481	0.427835	-2.33735	2.14093	10.1182	4.20096	1
cg16168848	NPPB	0.14863	0.170393	0.561909	-1.77965	0.970986	1.01446	1.01446	0.27042	0.635697	-1.57308	0.58713	0.80537	-1.24166	0.789508	0.899758	-1.11141	0.86703	0.935984	-1.06839	0.0289857	0.361928	-2.76298	0.0599838	2.31115	2.31115	0.103428	0.495023	-2.02011	2.1409	5.28487	2.19424	1
ch.1.4707864F	RYR2	0.148638	0.0789161	0.768927	-1.30051	0.0193993	0.683393	-1.46329	0.0457588	0.734603	-1.36128	0.491567	0.910204	-1.09865	0.185034	0.827531	-1.20841	0.328538	0.873001	-1.14547	0.387975	1.12656	1.12656	0.527703	0.917436	-1.08999	0.958301	1.00707	1.00707	2.14085	0.614993	0.255348	1
cg04277470	KBTBD6	0.148639	0.695798	0.906628	-1.10299	0.300953	0.765393	-1.30652	0.0525377	0.577016	-1.73305	0.915059	0.973736	-1.02697	0.784678	0.93396	-1.07071	0.296611	0.763414	-1.30991	0.010655	0.448898	-2.22768	0.495216	0.841338	-1.18858	0.245071	1.35434	1.35434	2.14084	2.10994	0.876061	1
cg21305413	PORCN;PORCN;PORCN;PORCN;PORCN	0.148647	0.112082	0.63875	-1.56556	0.466524	0.825332	-1.21163	0.0723322	0.594781	-1.68129	0.210496	1.40755	1.40755	0.142425	0.66464	-1.50457	0.0649192	0.58449	-1.71089	0.0893972	0.615558	-1.62454	0.192495	0.699516	-1.42956	0.768275	1.07955	1.07955	2.14079	2.27577	0.944936	1
cg08947790	ARHGEF10L	0.148647	0.603713	1.28328	1.28328	0.0499414	2.90054	2.90054	0.0186675	3.88805	3.88805	0.719057	1.18774	1.18774	0.120301	0.448159	-2.23135	0.555546	1.32841	1.32841	0.496457	1.38941	1.38941	0.704771	1.19878	1.19878	0.495283	0.719064	-1.3907	2.14078	7.69162	3.19369	1
cg17289057	RHBDF2;RHBDF2	0.14865	0.289804	0.463167	-2.15905	0.907039	1.08528	1.08528	0.101717	0.285055	-3.5081	0.570897	0.669506	-1.49364	0.00481611	0.0727913	-13.7379	0.285495	0.459734	-2.17517	0.274176	0.450637	-2.21908	0.422442	0.563255	-1.77539	0.231429	0.41507	-2.40923	2.14077	16.6388	6.90875	1
cg14044216	JAKMIP3	0.14865	0.516792	1.63616	1.63616	0.00663963	13.996	13.996	0.164351	3.03846	3.03846	0.959047	0.962267	-1.03921	0.296233	0.444297	-2.25075	0.79114	1.21995	1.21995	0.319641	2.16047	2.16047	0.598114	0.671371	-1.48949	0.390325	1.93349	1.93349	2.14076	19.0225	7.89853	1
cg11591636	ZIC5	0.148652	0.0609978	0.0594735	-16.8142	0.0204608	0.0239216	-41.8032	0.68135	0.575891	-1.73644	0.439748	0.348827	-2.86675	0.0969486	0.0875923	-11.4165	0.345958	0.273281	-3.65924	0.041378	0.0430929	-23.2057	0.391682	0.309451	-3.23153	0.0859058	0.0791308	-12.6373	2.14075	60.5674	25.1489	1
cg04448476	MRGPRX3	0.148652	0.360965	0.694123	-1.44067	0.434536	0.733451	-1.36342	0.676378	1.17728	1.17728	0.532381	0.782022	-1.27874	0.0239339	0.350826	-2.85042	0.9242	0.963678	-1.03769	0.00973544	0.280497	-3.5651	0.355016	0.690795	-1.44761	0.4524	0.74258	-1.34666	2.14075	5.1247	2.1279	1
cg17202313	SOX2OT	0.148655	0.221266	1.53084	1.53084	0.440165	1.29786	1.29786	0.975822	0.990014	-1.01009	0.800846	0.919698	-1.08731	0.0739167	0.517016	-1.93417	0.197203	1.57064	1.57064	0.226723	0.656826	-1.52247	0.0409156	0.457744	-2.18463	0.210113	0.645714	-1.54867	2.14073	3.71864	1.54408	1
cg20820543	MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB	0.148657	0.236263	1.13644	1.13644	0.0725772	0.81346	-1.22932	0.799451	1.02658	1.02658	0.212148	0.873329	-1.14504	0.079945	0.818538	-1.22169	0.0721371	0.813142	-1.2298	0.099432	0.830177	-1.20456	0.478534	1.07708	1.07708	0.969575	0.996077	-1.00394	2.14072	0.360096	0.149523	1
cg23289545	IQGAP2	0.148658	0.366952	1.24115	1.24115	0.16118	1.41738	1.41738	0.290458	1.2914	1.2914	0.160184	1.41872	1.41872	0.26516	1.31086	1.31086	0.135813	1.45453	1.45453	0.00979029	2.14104	2.14104	0.0788836	1.57591	1.57591	0.0816607	1.56798	1.56798	2.14071	1.84211	0.764904	1
cg07679571	DLG3;DLG3;DLG3	0.148659	0.288252	0.447397	-2.23515	0.529746	0.628502	-1.59109	0.501393	0.607862	-1.64511	0.768051	0.80593	-1.2408	0.0282452	0.1511	-6.61815	0.387264	1.90889	1.90889	0.0569938	0.207788	-4.81259	0.135708	3.23178	3.23178	0.518368	1.61233	1.61233	2.1407	18.0443	7.49258	1
cg00205058	FRMD1	0.14866	0.472969	0.813733	-1.2289	0.589636	0.857472	-1.16622	0.0678988	0.561332	-1.78148	0.315286	0.745861	-1.34073	0.0121844	0.413899	-2.41605	0.288465	0.732579	-1.36504	0.918768	1.02923	1.02923	0.0825263	0.580978	-1.72124	0.0700395	0.564407	-1.77177	2.1407	2.70359	1.12262	1
cg16886895	EPHA2	0.148661	0.43767	0.863684	-1.15783	0.245929	1.25185	1.25185	0.0074876	1.8913	1.8913	0.294777	1.22279	1.22279	0.605664	0.9081	-1.1012	0.874389	0.97114	-1.02972	0.26754	0.807512	-1.23837	0.996695	1.00077	1.00077	0.614266	1.09864	1.09864	2.14069	1.16167	0.482363	1
cg01585180	FAT1	0.148663	0.210299	0.767434	-1.30304	0.465066	1.16076	1.16076	0.508464	1.14397	1.14397	0.0729002	0.669559	-1.49352	0.415601	0.846333	-1.18157	0.497973	1.14792	1.14792	0.0945518	1.44553	1.44553	0.234408	1.28394	1.28394	0.0903201	0.687808	-1.45389	2.14068	1.36311	0.566012	1
cg03356494	CLDN10;CLDN10	0.148666	0.722784	1.16909	1.16909	0.0174442	3.55834	3.55834	0.269615	1.65568	1.65568	0.856328	1.08273	1.08273	0.354424	0.658459	-1.5187	0.878559	0.935137	-1.06936	0.164021	1.91808	1.91808	0.0588954	2.54896	2.54896	0.106778	2.16478	2.16478	2.14066	6.52187	2.70815	1
cg24508499	YPEL1	0.148683	0.070798	1.77675	1.77675	0.198038	1.47306	1.47306	0.365517	0.767425	-1.30306	0.636256	1.14527	1.14527	0.258108	0.714641	-1.3993	0.486701	1.22289	1.22289	0.0232836	2.16413	2.16413	0.132639	1.58723	1.58723	0.473834	1.23048	1.23048	2.14054	2.74816	1.14121	1
cg16932065	LIMK2	0.148684	0.0212226	0.318826	-3.13651	0.989231	0.994446	-1.00559	0.28361	0.631451	-1.58365	0.350203	0.672444	-1.48711	0.0639309	0.423432	-2.36165	0.299043	0.641341	-1.55923	0.0762859	0.443121	-2.25672	0.525367	0.766752	-1.3042	0.0328876	0.357059	-2.80066	2.14053	5.77383	2.39767	1
cg24387864	CCND1	0.148685	0.0674134	0.4115	-2.43014	0.240628	0.587258	-1.70283	0.024717	0.313919	-3.18553	0.960021	1.02196	1.02196	0.840738	0.916514	-1.09109	0.813226	1.10799	1.10799	0.0488591	0.37733	-2.6502	0.0756659	0.424542	-2.35548	0.986449	1.00739	1.00739	2.14052	6.36453	2.64298	1
cg17786516	CCR5;CCR5	0.148689	0.602187	0.806857	-1.23938	0.0347168	0.366203	-2.73073	0.0341206	0.364594	-2.74278	0.176082	0.556005	-1.79855	0.414531	0.711513	-1.40546	0.867142	1.07071	1.07071	0.117071	2.00315	2.00315	0.840917	0.921262	-1.08547	0.85978	1.07482	1.07482	2.1405	5.6452	2.34429	1
cg26051018	MAGT1	0.148694	0.195413	1.88466	1.88466	0.136279	0.475726	-2.10205	0.434111	0.691164	-1.44683	0.101941	0.436693	-2.28994	0.0280248	0.300847	-3.32395	0.77329	1.14303	1.14303	0.294027	1.65487	1.65487	0.77398	1.14254	1.14254	0.287763	0.600012	-1.66663	2.14047	7.26121	3.01542	1
cg01815934	MRPL47;MRPL47	0.148701	0.92182	0.979403	-1.02103	0.0876713	0.670537	-1.49134	0.231161	0.766219	-1.30511	0.238479	0.769692	-1.29922	0.227737	0.764567	-1.30793	0.168406	1.36504	1.36504	0.045635	1.62562	1.62562	0.82191	1.04896	1.04896	0.442295	1.18069	1.18069	2.14041	1.52378	0.63281	1
cg22664157	PWWP2B;PWWP2B	0.148702	0.0563152	0.51551	-1.93983	0.045168	2.02302	2.02302	0.165782	1.57326	1.57326	0.466052	0.796584	-1.25536	0.50693	0.813486	-1.22928	0.268323	0.702235	-1.42403	0.673359	1.13882	1.13882	0.43694	1.27523	1.27523	0.309796	1.3802	1.3802	2.14041	3.18643	1.32329	1
cg26192860	SSX9	0.148704	0.46807	1.41987	1.41987	0.0724545	0.386079	-2.59014	0.275502	0.583533	-1.7137	0.0849421	0.40474	-2.47072	0.0511573	0.348366	-2.87054	0.38263	0.65369	-1.52978	0.740461	1.17098	1.17098	0.0333488	0.307042	-3.25689	0.33573	0.624173	-1.60212	2.14039	7.6426	3.17391	1
cg03763508	HOXA2	0.148706	0.146234	1.86067	1.86067	0.690668	1.17262	1.17262	0.0211756	3.01402	3.01402	0.0463468	2.48072	2.48072	0.447839	1.36065	1.36065	0.98214	0.991128	-1.00895	0.508197	1.30633	1.30633	0.418808	1.38942	1.38942	0.0263746	2.85293	2.85293	2.14038	5.37261	2.23122	1
cg14013457	MOBKL2B	0.148707	0.800463	1.10223	1.10223	0.830105	0.920734	-1.08609	0.0618618	2.24382	2.24382	0.200486	1.68153	1.68153	0.0214995	2.89049	2.89049	0.113404	1.93884	1.93884	0.0722678	2.16186	2.16186	0.133198	1.86376	1.86376	0.164777	1.76754	1.76754	2.14038	5.00728	2.0795	1
cg14999911	COPG2	0.14871	0.802881	1.03843	1.03843	0.0324541	1.45867	1.45867	0.622771	0.927963	-1.07763	0.0517812	1.39617	1.39617	0.241934	1.20283	1.20283	0.214562	1.21776	1.21776	0.640701	1.07345	1.07345	0.112075	1.29808	1.29808	0.0364993	1.44267	1.44267	2.14035	0.770713	0.320077	1
cg16231809	PPIL4	0.148715	0.0896254	0.801392	-1.24783	0.584429	1.06753	1.06753	0.992907	0.998949	-1.00105	0.395289	1.1085	1.1085	0.257542	1.15004	1.15004	0.489784	1.08655	1.08655	0.321394	1.12886	1.12886	0.508207	0.923655	-1.08266	0.0124856	1.44446	1.44446	2.14032	0.474529	0.197075	1
cg20566420	PSMD9	0.148715	0.424954	0.921215	-1.08552	0.449778	1.08065	1.08065	0.037218	1.2758	1.2758	0.195031	0.871059	-1.14803	0.0781963	1.21783	1.21783	0.778831	1.02876	1.02876	0.149371	0.855815	-1.16848	0.402782	1.09006	1.09006	0.340707	1.10394	1.10394	2.14032	0.343841	0.142799	1
cg11438065	ZNF780B	0.148715	0.571671	1.10746	1.10746	0.345234	0.840634	-1.18958	0.134615	1.33384	1.33384	0.184405	0.777699	-1.28584	0.194446	1.27778	1.27778	0.249367	1.23985	1.23985	0.0321266	1.56554	1.56554	0.139896	1.32795	1.32795	0.227061	1.25416	1.25416	2.14032	1.08097	0.448933	1
cg26671966	NBL1;NBL1	0.148717	0.0942754	0.292153	-3.42287	0.0243537	0.166139	-6.01905	0.432896	0.585464	-1.70805	0.810037	1.17479	1.17479	0.139903	0.345604	-2.89348	0.230388	0.430983	-2.32028	0.0369174	0.197674	-5.05885	0.104879	0.305595	-3.2723	0.97077	1.02481	1.02481	2.1403	15.1677	6.29931	1
cg23825688	IGF2BP1;IGF2BP1	0.148718	0.3065	2.21854	2.21854	0.549314	0.6338	-1.57778	0.656968	0.714325	-1.39992	?	?	?	?	?	?	0.553507	1.57009	1.57009	0.135077	0.297455	-3.36185	0.0191724	8.4412	8.4412	0.428081	1.83852	1.83852	2.17863	15.2034	7.97533	1
cg13535098	NQO2	0.148723	0.892133	0.963246	-1.03816	0.638811	0.877561	-1.13952	0.0364213	1.98837	1.98837	0.447072	0.806958	-1.23922	0.088318	0.590373	-1.69384	0.290514	0.737524	-1.35589	0.104739	1.64237	1.64237	0.41703	0.794804	-1.25817	0.299208	0.741883	-1.34792	2.25081	2.65783	0.918428	1
cg08132815	UHRF1;UHRF1	0.148723	0.124353	0.728787	-1.37214	0.06868	0.678792	-1.47321	0.340826	1.20519	1.20519	0.15125	0.746472	-1.33964	0.673308	1.08397	1.08397	0.455167	0.865341	-1.15561	0.0571615	1.50554	1.50554	0.749361	1.06284	1.06284	0.310033	0.818954	-1.22107	2.14026	1.2254	0.508932	1
cg26085966	SYNE2;SYNE2;SYNE2;SYNE2	0.148724	0.760267	0.965981	-1.03522	0.933005	1.00955	1.00955	0.219716	1.15714	1.15714	0.322145	1.12262	1.12262	0.041289	1.30502	1.30502	0.00998982	1.44466	1.44466	0.995868	0.999415	-1.00059	0.937668	0.991194	-1.00888	0.656953	0.950705	-1.05185	2.14026	0.433546	0.18006	1
cg02950892	ANKRD2;ANKRD2	0.148726	0.0743105	0.196338	-5.09327	0.067718	5.3406	5.3406	0.48407	1.7899	1.7899	0.227548	0.354522	-2.8207	0.13553	0.267942	-3.73215	0.307442	0.421103	-2.37471	0.840153	0.847619	-1.17978	0.073665	0.195464	-5.11602	0.774238	0.790231	-1.26545	2.14025	22.716	9.43442	1
cg23021168	PAM;PAM;PAM;PAM	0.148727	0.113082	0.672129	-1.48781	0.261343	0.763479	-1.30979	0.0405914	0.579982	-1.72419	0.189439	0.725971	-1.37747	0.0623954	0.616787	-1.6213	0.339183	0.796948	-1.25479	0.0194426	0.521577	-1.91726	0.963339	0.989466	-1.01065	0.932775	0.980751	-1.01963	2.14024	1.79918	0.74724	1
cg06182329	MYH14;MYH14;MYH14	0.148728	0.490215	0.875808	-1.1418	0.124281	0.729858	-1.37013	0.152942	1.3359	1.3359	0.183686	1.30588	1.30588	0.347559	0.832769	-1.20081	0.330876	0.827097	-1.20905	0.281521	0.809154	-1.23586	0.243985	0.794026	-1.2594	0.0681943	1.47166	1.47166	2.14023	1.21349	0.503992	1
cg00219151	SLC16A9	0.148729	0.0565656	0.470892	-2.12363	0.296192	0.685269	-1.45928	0.063312	0.482542	-2.07236	0.514537	1.25938	1.25938	0.107832	0.542135	-1.84456	0.127253	0.562454	-1.77792	0.0293392	0.408372	-2.44875	0.468268	0.772985	-1.29369	0.943814	0.975707	-1.0249	2.14022	4.12676	1.71395	1
cg25267285	HIST1H1D	0.148733	0.420058	0.856738	-1.16722	0.0329813	0.626221	-1.59688	0.0349613	0.630504	-1.58603	0.114538	0.724588	-1.3801	0.0340993	0.628667	-1.59067	0.431261	0.860045	-1.16273	0.089463	0.703671	-1.42112	0.508229	0.881635	-1.13426	0.280096	0.809982	-1.23459	2.14019	1.19412	0.495954	1
cg02870946	NFATC1;NFATC1;NFATC1;NFATC1	0.148734	0.974373	0.980415	-1.01998	0.163352	2.49943	2.49943	0.420827	1.65929	1.65929	0.0844133	3.23947	3.23947	0.960266	1.03115	1.03115	0.95024	1.03918	1.03918	0.0274342	4.98438	4.98438	0.0166708	6.04817	6.04817	0.394863	1.71016	1.71016	2.14019	12.8519	5.33779	1
cg15561501	PLEKHF1	0.148736	0.281799	0.303794	-3.29171	0.056341	0.100086	-9.9914	0.0600609	0.104413	-9.57735	0.462664	0.450971	-2.21744	0.0352763	0.0734194	-13.6204	0.113514	0.159726	-6.26073	0.0338274	0.0714052	-14.0046	0.890041	0.862998	-1.15875	0.382027	0.384831	-2.59855	2.14018	38.4571	15.9725	1
cg03164052	EHMT2;EHMT2	0.148736	0.277297	0.787721	-1.26949	0.143284	0.717365	-1.39399	0.381679	0.82739	-1.20862	0.305435	1.25121	1.25121	0.746496	0.933795	-1.0709	0.376417	0.825562	-1.2113	0.0444851	1.62797	1.62797	0.143051	0.717205	-1.3943	0.103999	0.687019	-1.45556	2.14018	1.5117	0.62786	1
cg09299053	ZNF716	0.148738	0.0950672	0.229603	-4.35534	0.0724249	0.200268	-4.99331	0.0931135	0.227209	-4.40124	0.417818	1.9429	1.9429	0.0246626	0.116929	-8.55219	0.655222	0.697307	-1.43409	0.585708	0.643058	-1.55507	0.356741	0.467493	-2.13907	0.0955696	0.230215	-4.34377	2.14016	21.8121	9.05937	1
cg15415507	EPHA2;EPHA2	0.148741	0.520551	1.15101	1.15101	0.707641	0.921866	-1.08476	0.677061	1.09466	1.09466	0.68838	0.916622	-1.09096	0.72407	1.07955	1.07955	0.789055	0.943739	-1.05962	0.0115595	0.505635	-1.97771	0.0964318	1.48313	1.48313	0.193914	1.34557	1.34557	2.14014	1.58063	0.656501	1
cg12873919	BCL2L1;BCL2L1	0.148743	0.0536819	0.160672	-6.22386	0.632252	0.668737	-1.49536	0.837134	1.18741	1.18741	0.319455	0.423758	-2.35984	0.0397372	0.13748	-7.2738	0.1161	0.24047	-4.15851	0.0260258	0.110303	-9.06598	0.116021	0.240383	-4.16003	0.354863	0.451903	-2.21286	2.14013	23.6053	9.80431	1
cg02079880	ZDHHC14;ZDHHC14	0.148744	0.036892	0.691996	-1.44509	0.347342	1.15833	1.15833	0.809443	1.03738	1.03738	0.139389	1.2733	1.2733	0.927307	1.01396	1.01396	0.727811	0.948312	-1.0545	0.372336	0.870126	-1.14926	0.465274	1.11949	1.11949	0.0396105	1.43542	1.43542	2.14012	0.781984	0.324793	1
cg14414124	PPP3R1	0.14875	0.751426	0.863865	-1.15759	0.0106363	0.227842	-4.389	0.729761	0.852407	-1.17315	0.449954	1.42548	1.42548	0.591995	0.779475	-1.28291	0.523466	0.74248	-1.34684	0.0872415	0.419151	-2.38577	0.207967	1.84297	1.84297	0.32587	0.626795	-1.59542	2.14008	7.18758	2.98538	1
cg03494795	ABL1;ABL1	0.148751	0.497179	0.878135	-1.13878	0.0368111	1.57971	1.57971	0.094767	1.41366	1.41366	0.170113	1.31714	1.31714	0.154991	1.33234	1.33234	0.823275	0.958706	-1.04307	0.106069	0.716932	-1.39483	0.833085	0.960994	-1.04059	0.878338	1.0293	1.0293	2.14007	1.20471	0.500383	1
cg14411202	ATXN2	0.148754	0.384273	1.24296	1.24296	0.923917	1.02356	1.02356	0.532404	1.1667	1.1667	0.766713	0.930032	-1.07523	0.0138019	0.47614	-2.10022	0.154841	1.4495	1.4495	0.751723	1.08045	1.08045	0.368219	1.25274	1.25274	0.143574	0.681699	-1.46692	2.14005	2.01471	0.836829	1
cg12904004	CALCA;CALCA;CALCA	0.148755	0.839827	0.904034	-1.10615	0.679036	1.23051	1.23051	0.133201	0.44594	-2.24245	0.469862	1.44273	1.44273	0.769093	0.863507	-1.15807	0.155611	0.468861	-2.13283	0.0788513	0.377986	-2.6456	0.0276049	3.66401	3.66401	0.810637	1.12712	1.12712	2.14005	8.42357	3.49881	1
cg11513002	TBC1D9	0.148755	0.577688	0.822134	-1.21635	0.00855702	3.2157	3.2157	0.0598711	2.09449	2.09449	0.759853	0.898741	-1.11267	0.793229	1.09579	1.09579	0.908153	1.04101	1.04101	0.232448	1.54656	1.54656	0.348539	1.39943	1.39943	0.71745	0.881136	-1.1349	2.14005	4.1097	1.70701	1
cg26118759	CD58;CD58	0.148757	0.771539	1.12591	1.12591	0.710295	1.16414	1.16414	0.135275	0.519032	-1.92666	0.473194	0.742922	-1.34604	0.404179	1.41579	1.41579	0.412579	1.40668	1.40668	0.0241709	2.98894	2.98894	0.131275	1.94186	1.94186	0.174258	0.555045	-1.80165	2.14003	5.62347	2.33577	1
cg13673290	STXBP1;STXBP1	0.148757	0.545694	1.19912	1.19912	0.993452	0.997566	-1.00244	0.0954608	1.72271	1.72271	0.0328508	0.476528	-2.09851	0.641058	0.869856	-1.14962	0.0287211	0.464811	-2.15141	0.923211	1.02904	1.02904	0.900494	0.963536	-1.03784	0.81456	0.932609	-1.07226	2.14003	2.98864	1.24137	1
cg25020286	PAX7;PAX7;PAX7	0.148759	0.7527	1.34995	1.34995	0.936221	1.07894	1.07894	0.699386	1.44535	1.44535	0.109246	0.190544	-5.24813	0.221433	0.295201	-3.38752	0.195414	3.66904	3.66904	0.182317	0.260882	-3.83315	0.0226034	13.3536	13.3536	0.968223	0.962889	-1.03854	2.14002	30.5439	12.6869	1
cg12256311	GLOD4;RNMTL1	0.148759	0.541906	0.882452	-1.13321	0.289879	0.800526	-1.24918	0.853473	1.03816	1.03816	0.951834	0.98784	-1.01231	0.514653	1.1432	1.1432	0.193606	1.32127	1.32127	0.00727517	2.01607	2.01607	0.374708	1.20266	1.20266	0.501603	0.870983	-1.14813	2.14002	1.39031	0.577489	1
cg12668399	GRK7	0.148761	0.411508	0.568145	-1.76011	0.243027	0.439318	-2.27626	0.0379008	5.05661	5.05661	0.29579	2.07495	2.07495	0.787254	1.19977	1.19977	0.626234	1.39161	1.39161	0.116295	3.1553	3.1553	0.0321077	5.42072	5.42072	0.665947	1.33969	1.33969	2.14001	15.364	6.3817	1
cg00889709	FAM110B	0.148762	0.198097	0.431599	-2.31697	0.0980158	0.325899	-3.06844	0.137739	0.372561	-2.68413	0.782074	1.18684	1.18684	0.0700816	0.286222	-3.49379	0.580645	0.708441	-1.41155	0.83309	0.877779	-1.13924	0.0438439	4.18312	4.18312	0.92732	1.05798	1.05798	2.14	12.9331	5.37201	1
cg08936952	HEATR4	0.148762	0.319717	0.755882	-1.32296	0.88631	1.03971	1.03971	0.290175	0.741711	-1.34823	0.384603	0.784558	-1.2746	0.916249	0.971775	-1.02904	0.493708	0.827638	-1.20826	0.00681067	2.59668	2.59668	0.542463	1.18272	1.18272	0.834072	0.944504	-1.05876	2.14	2.51086	1.04294	1
cg27643919	STARD3NL	0.148766	0.946307	1.00773	1.00773	0.535205	0.930732	-1.07442	0.308013	1.12819	1.12819	0.280455	1.13683	1.13683	0.0956938	0.81123	-1.2327	0.915924	1.01214	1.01214	0.0233473	0.733616	-1.36311	0.121558	1.21152	1.21152	0.840161	1.02335	1.02335	2.13997	0.442889	0.183965	1
cg10417128	NEB;NEB;NEB	0.148766	0.273586	0.702934	-1.42261	0.0950057	1.76403	1.76403	0.407046	0.769206	-1.30004	0.183359	0.646138	-1.54766	0.0288495	0.450527	-2.21962	0.839212	1.06487	1.06487	0.885462	1.0456	1.0456	0.171387	1.56913	1.56913	0.437531	0.782693	-1.27764	2.13997	3.24403	1.34749	1
cg06768361	TESC;TESC;TESC	0.148768	0.232174	0.617924	-1.61832	0.724163	0.872731	-1.14583	0.00834787	0.2739	-3.65097	0.97488	0.987976	-1.01217	0.0599583	0.442487	-2.25995	0.430636	0.734145	-1.36213	0.331808	1.46913	1.46913	0.562648	0.79862	-1.25216	0.499247	0.768347	-1.3015	2.13996	5.00255	2.07794	1
cg09126720	EBPL	0.148768	0.525438	0.88038	-1.13587	0.895822	1.02628	1.02628	0.500906	1.14484	1.14484	0.743583	0.937076	-1.06715	0.359902	0.829961	-1.20488	0.481205	0.867831	-1.1523	0.00819805	1.95377	1.95377	0.240316	0.783945	-1.2756	0.344555	0.824673	-1.2126	2.13996	1.32868	0.551904	1
cg22182666	BZRAP1;BZRAP1	0.14877	0.0816907	0.321879	-3.10676	0.370661	0.582688	-1.71619	0.263819	1.98248	1.98248	0.218637	0.467581	-2.13866	0.904118	1.07337	1.07337	0.09042	0.334146	-2.9927	0.0240158	0.205631	-4.86308	0.150391	0.404258	-2.47367	0.299272	0.531498	-1.88147	2.13994	11.6991	4.85955	1
cg03619635	LOC723972	0.148774	0.0961723	0.379792	-2.63302	0.0191808	0.222755	-4.48924	0.339073	0.593231	-1.68568	0.511404	1.42324	1.42324	0.817329	1.13044	1.13044	0.200429	2.04759	2.04759	0.917457	0.946547	-1.05647	0.7101	0.82048	-1.2188	0.0995217	0.38416	-2.60308	2.13992	9.51714	3.95328	1
cg09459719	ATP1B3	0.148776	0.251134	0.773853	-1.29224	0.0374281	1.67592	1.67592	0.0419736	1.65058	1.65058	0.888966	1.03032	1.03032	0.697974	0.920002	-1.08695	0.749066	0.933682	-1.07103	0.552897	0.879538	-1.13696	0.0725655	1.53475	1.53475	0.735303	1.07525	1.07525	2.1399	1.54943	0.643616	1
cg02626307	CCT3;CCT3;CCT3;C1orf182	0.148777	0.0996498	0.289535	-3.45381	0.0759651	0.257575	-3.88236	0.369664	0.531098	-1.88289	0.42173	0.569088	-1.7572	0.0393367	0.194465	-5.14231	0.0705551	0.249548	-4.00725	0.023584	0.156153	-6.40397	0.443895	0.585	-1.7094	0.156807	0.353394	-2.82971	2.13989	15.9891	6.64169	1
cg02769172	SUV420H1;SUV420H1	0.148779	0.247627	1.21146	1.21146	0.117995	0.763849	-1.30916	0.13334	0.773388	-1.29301	0.0707895	0.725862	-1.37767	0.097997	0.749718	-1.33383	0.0863555	0.740317	-1.35077	0.508626	1.11228	1.11228	0.609719	1.08514	1.08514	0.379394	0.86666	-1.15386	2.13988	0.853569	0.354566	1
cg10557827	DLGAP2	0.148779	0.0716989	0.419568	-2.3834	0.166618	0.528903	-1.8907	0.0417821	0.362947	-2.75522	0.0487977	0.378376	-2.64288	0.157617	0.520677	-1.92058	0.568933	0.779849	-1.2823	0.0749437	0.424603	-2.35514	0.531903	0.760733	-1.31452	0.0476481	0.375964	-2.65983	2.13988	6.32215	2.62617	1
cg24699519	RPS6KA2	0.14878	0.0154008	0.623167	-1.60471	0.1889	1.24782	1.24782	0.403928	1.1455	1.1455	0.219537	0.814355	-1.22797	0.615037	0.922513	-1.084	0.810924	1.03886	1.03886	0.0781311	0.732477	-1.36523	0.975746	0.995176	-1.00485	0.955686	0.9912	-1.00888	2.13987	0.857432	0.356172	1
cg06114605	FOXK1	0.148782	0.359965	0.688158	-1.45316	0.017933	0.319108	-3.13374	0.495475	0.759694	-1.31632	0.950607	0.975701	-1.0249	0.0557555	0.422879	-2.36474	0.0204702	0.329901	-3.03121	0.852688	0.928844	-1.07661	0.620644	0.820273	-1.21911	0.549888	0.786442	-1.27155	2.13986	5.34408	2.21991	1
cg10512535	MGC26597	0.148782	0.403623	0.608134	-1.64437	0.338405	0.563101	-1.77588	0.0347536	0.23877	-4.18814	0.239024	0.487918	-2.04952	0.0715136	0.309992	-3.22589	0.0344027	0.237893	-4.20357	0.0747105	0.314954	-3.17507	0.334621	0.560407	-1.78442	0.0555062	0.282816	-3.53587	2.13986	11.4779	4.76789	1
cg26525127	ECEL1	0.148785	0.0698951	0.517084	-1.93392	0.289409	0.699182	-1.43024	0.0801449	0.531662	-1.88089	0.0350981	0.449834	-2.22304	0.314823	1.40247	1.40247	0.209909	0.650512	-1.53725	0.0613954	0.50368	-1.98539	0.452802	0.779669	-1.2826	0.638675	0.857356	-1.16638	2.13984	3.58879	1.49078	1
cg26405097	JARID2	0.148787	0.059062	0.253264	-3.94844	0.0646926	0.262676	-3.80698	0.697886	0.777778	-1.28571	0.270287	0.477339	-2.09495	0.114979	0.331468	-3.01689	0.339779	0.530537	-1.88488	0.0784261	0.283798	-3.52363	0.424051	1.69217	1.69217	0.0424524	0.221919	-4.50615	2.13982	14.0671	5.84349	1
cg12433062	PSME3;PSME3	0.148791	0.984722	0.996167	-1.00385	0.247692	1.27427	1.27427	0.856975	1.03684	1.03684	0.428205	1.17611	1.17611	0.44924	1.16724	1.16724	0.820407	1.04666	1.04666	0.446849	0.855997	-1.16823	0.32336	1.22699	1.22699	0.00413914	2.16191	2.16191	2.1398	1.36299	0.566195	1
cg23449696	ZIC1	0.148791	0.451419	2.12477	2.12477	0.118282	5.29021	5.29021	0.796666	1.2887	1.2887	0.974195	1.03228	1.03228	0.28649	0.337147	-2.96607	0.237225	0.296314	-3.3748	0.0285132	0.0789644	-12.6639	0.155139	4.45665	4.45665	0.297966	0.346524	-2.8858	2.1398	32.6996	13.5836	1
cg02548238	LOX	0.148791	0.492557	0.72004	-1.38881	0.758876	1.15615	1.15615	0.00562424	5.54477	5.54477	0.522427	0.736755	-1.3573	0.539881	1.33972	1.33972	0.846999	1.09531	1.09531	0.298544	0.60182	-1.66163	0.772887	0.872521	-1.1461	0.355935	1.56437	1.56437	2.1398	7.52639	3.12652	1
cg17116969	ZNF704	0.148794	0.189181	0.318301	-3.14168	0.448564	0.529614	-1.88817	0.646623	0.683921	-1.46216	0.860241	0.864985	-1.15609	0.179306	0.309131	-3.23488	0.49877	0.568276	-1.75971	0.568913	1.60616	1.60616	0.0124661	12.9205	12.9205	0.270446	0.388926	-2.57119	2.13978	22.955	9.53578	1
cg14805882	TCEAL2	0.148795	0.173062	0.623264	-1.60446	0.277279	0.691795	-1.44552	0.474794	1.26746	1.26746	0.266531	1.45865	1.45865	0.0838591	0.535889	-1.86606	0.949429	1.0209	1.0209	0.0668871	0.511773	-1.95399	0.354139	1.36461	1.36461	0.142787	1.67138	1.67138	2.13977	3.60379	1.49706	1
cg19940332	AARS2	0.148795	0.0159238	0.522046	-1.91554	0.771135	0.937795	-1.06633	0.155484	0.71558	-1.39747	0.303005	1.26481	1.26481	0.255914	0.770178	-1.2984	0.406427	1.20563	1.20563	0.121286	0.690809	-1.44758	0.277091	0.779659	-1.28261	0.260524	0.772286	-1.29486	2.13977	1.64301	0.682529	1
cg25802465	FAM155A	0.148797	0.546217	0.833569	-1.19966	0.749699	1.10011	1.10011	0.00409503	0.317206	-3.15252	0.223934	0.683284	-1.46352	0.236609	0.69098	-1.44722	0.891518	0.96014	-1.04151	0.201159	0.668706	-1.49543	0.467433	0.802191	-1.24659	0.451411	0.795556	-1.25698	2.13976	3.01124	1.25092	1
cg23320987	TMCO3	0.148797	0.0535865	0.410758	-2.43452	0.96992	0.984811	-1.01542	0.0994443	2.08131	2.08131	0.586395	0.800125	-1.2498	0.149741	0.53427	-1.87171	0.131083	0.515974	-1.93808	0.556993	1.27265	1.27265	0.267029	0.625402	-1.59897	0.0857285	0.462606	-2.16167	2.13976	5.58335	2.31941	1
cg01093786	MAML2	0.1488	0.0556521	0.231348	-4.3225	0.818876	0.85656	-1.16746	0.294828	0.480277	-2.08213	0.270013	0.460558	-2.17128	0.0178116	0.143046	-6.99073	0.292832	0.478711	-2.08894	0.117739	0.317665	-3.14797	0.951947	0.960136	-1.04152	0.0394746	0.200323	-4.99193	2.13974	15.4418	6.41481	1
cg05146683	SS18;SS18	0.148803	0.136577	0.835705	-1.19659	0.399424	1.10135	1.10135	0.388999	1.10384	1.10384	0.895634	0.98542	-1.0148	0.476268	0.922142	-1.08443	0.0320892	1.32442	1.32442	0.12136	0.828655	-1.20677	0.27103	0.879643	-1.13682	0.289934	1.13079	1.13079	2.13972	0.424396	0.176304	1
ch.3.2364134R	POLQ	0.148803	0.00832777	0.600896	-1.66418	0.256097	0.836067	-1.19608	0.120699	0.775543	-1.28942	0.257154	0.836428	-1.19556	0.0553651	0.720355	-1.3882	0.495632	0.900779	-1.11015	0.27429	0.842141	-1.18745	0.932257	0.987241	-1.01292	0.921126	1.01507	1.01507	2.13972	0.773039	0.321139	1
cg09199031	ATP6V0B;ATP6V0B	0.148805	0.425478	1.09238	1.09238	0.945334	0.992582	-1.00747	0.180029	1.16718	1.16718	0.274436	1.13142	1.13142	0.352875	1.10937	1.10937	0.256663	1.13718	1.13718	0.0669108	0.800103	-1.24984	0.128432	1.19533	1.19533	0.0331065	1.31062	1.31062	2.1397	0.399505	0.165965	1
cg13992008	FAM102A	0.148806	0.234358	2.75122	2.75122	0.261145	2.58933	2.58933	0.521467	1.69475	1.69475	0.114966	4.02087	4.02087	0.352664	2.17373	2.17373	0.14426	3.57293	3.57293	0.0111637	13.2244	13.2244	0.0591868	5.63764	5.63764	0.0816914	4.78927	4.78927	2.13969	22.3352	9.27869	1
cg25190534	CHRNA9	0.148812	0.0547825	0.285656	-3.50071	0.804946	1.15294	1.15294	0.580169	0.725158	-1.37901	0.269239	0.515918	-1.93829	0.0298076	0.229774	-4.3521	0.317843	0.552175	-1.81102	0.0237559	0.211739	-4.7228	0.128203	0.38834	-2.57506	0.312242	0.548112	-1.82444	2.13966	11.2116	4.65767	1
cg17860962	HSP90AB1	0.148812	0.124499	0.802146	-1.24666	0.574588	0.927581	-1.07807	0.0585723	1.32742	1.32742	0.642833	1.06386	1.06386	0.0789428	0.77214	-1.2951	0.220692	0.843102	-1.1861	0.648792	0.94103	-1.06267	0.802063	1.03386	1.03386	0.123565	1.24745	1.24745	2.13966	0.595422	0.247359	1
cg21593899	MAP3K7IP1;MAP3K7IP1	0.148816	0.341526	0.844979	-1.18346	0.146881	0.765236	-1.30679	0.221683	0.80191	-1.24702	0.690111	0.93344	-1.07131	0.639814	1.08437	1.08437	0.448414	1.14199	1.14199	0.00696082	0.548792	-1.82219	0.855	0.96905	-1.03194	0.243787	0.810913	-1.23318	2.13963	1.00095	0.415834	1
cg14383815	MCPH1	0.148817	0.328375	0.799514	-1.25076	0.295679	1.2719	1.2719	0.243838	1.31055	1.31055	0.455884	1.18345	1.18345	0.0505194	0.610001	-1.63934	0.286834	0.782469	-1.27801	0.0807664	0.65083	-1.5365	0.20293	1.34731	1.34731	0.549828	1.14362	1.14362	2.13962	1.66694	0.692519	1
cg07704554	OTOP3	0.148817	0.222042	1.99024	1.99024	0.239948	0.516925	-1.93452	0.359456	0.603327	-1.65748	0.321198	1.73261	1.73261	0.591886	0.7481	-1.33672	0.44057	0.655874	-1.52468	0.0827697	0.356902	-2.80189	0.349241	0.596446	-1.6766	0.0377646	3.64044	3.64044	2.13962	9.74564	4.04875	1
cg16189596	PLIN3;PLIN3;PLIN3	0.148819	0.0342675	12.8699	12.8699	0.497158	2.04025	2.04025	0.159259	4.7401	4.7401	0.877305	0.852302	-1.17329	0.0968187	6.58949	6.58949	0.85472	1.20876	1.20876	0.247472	0.286274	-3.49316	0.0367823	12.2963	12.2963	0.355193	2.6747	2.6747	2.13961	36.2598	15.064	1
cg11879480	SLC36A4	0.148819	0.715169	1.09443	1.09443	0.113507	1.52807	1.52807	0.0119209	2.1654	2.1654	0.69777	0.90839	-1.10085	0.517983	0.850981	-1.17511	0.838107	1.05166	1.05166	0.54493	1.16283	1.16283	0.11987	0.660039	-1.51506	0.857546	0.956726	-1.04523	2.1396	2.05421	0.853411	1
cg20065005	C1orf144;C1orf144	0.148821	0.221179	0.427098	-2.34138	0.0150996	7.20877	7.20877	0.317693	1.98031	1.98031	0.940547	0.951855	-1.05058	0.208196	0.415707	-2.40554	0.838543	1.1445	1.1445	0.760341	1.22433	1.22433	0.533799	1.51722	1.51722	0.149151	0.359398	-2.78243	2.13959	14.8291	6.16073	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03050183	DKFZp761E198	0.148822	0.297226	0.669838	-1.4929	0.0991522	1.95482	1.95482	0.767105	0.895721	-1.11642	0.528086	0.78897	-1.26747	0.549952	1.25143	1.25143	0.308419	0.676447	-1.47831	0.157411	0.570864	-1.75173	0.014217	0.325791	-3.06945	0.642398	0.840805	-1.18934	2.13959	4.65908	1.93561	1
cg25611880	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.148822	0.372691	2.01332	2.01332	?	?	?	0.752426	0.785078	-1.27376	0.302647	0.441995	-2.26247	0.885207	1.11679	1.11679	0.839009	0.855949	-1.16829	0.00520576	0.0596466	-16.7654	0.652045	0.706746	-1.41494	0.849068	0.864435	-1.15682	2.1568	17.7526	8.231	1
cg13663170	WHSC1;WHSC1;WHSC1;SCARNA22;WHSC1	0.148825	0.317551	1.49443	1.49443	0.518197	0.775137	-1.29009	0.711726	0.865601	-1.15527	0.248511	1.5985	1.5985	0.0146187	0.310632	-3.21924	0.140891	0.540182	-1.85123	0.759566	0.887483	-1.12678	0.366212	0.696993	-1.43473	0.116817	0.515543	-1.9397	2.13956	5.12365	2.12864	1
cg00177013	ARFRP1;ZGPAT;ZGPAT;ZGPAT;ARFRP1	0.14883	0.0355368	0.66277	-1.50882	0.495756	1.12328	1.12328	0.357599	1.17236	1.17236	0.95147	1.01028	1.01028	0.536096	1.11106	1.11106	0.398268	0.864706	-1.15646	0.0497029	0.686403	-1.45687	0.229883	1.23583	1.23583	0.288153	1.20364	1.20364	2.13953	0.957286	0.397713	1
cg20199629	SAMD14	0.148831	0.731711	0.95411	-1.0481	0.129629	1.25044	1.25044	0.541082	1.08812	1.08812	0.0528438	0.740529	-1.35039	0.0559436	1.34388	1.34388	0.277114	0.857025	-1.16683	0.245677	0.847271	-1.18026	0.351211	0.877251	-1.13993	0.970699	1.00503	1.00503	2.13953	0.631332	0.262293	1
cg05237932	CD8A	0.148831	?	?	?	?	?	?	0.173001	0.485202	-2.061	0.0615031	0.305486	-3.27348	0.895968	0.943901	-1.05943	?	?	?	0.474876	0.718276	-1.39222	0.0392977	0.240727	-4.15408	?	?	?	3.83622	5.26806	0.823944	1
cg04642306	NCAM1;NCAM1;NCAM1	0.148833	0.882664	1.04468	1.04468	0.409137	1.28383	1.28383	0.0240576	2.21761	2.21761	0.044114	1.98279	1.98279	0.417016	0.782326	-1.27824	0.979819	1.00751	1.00751	0.161474	0.642405	-1.55665	0.483895	0.810134	-1.23436	0.688901	1.12649	1.12649	2.13951	2.96808	1.23313	1
cg06888626	C1orf223	0.148835	0.0268401	0.691325	-1.4465	0.954297	1.0081	1.0081	0.0162947	0.661341	-1.51208	0.990824	1.00162	1.00162	0.613247	0.930767	-1.07438	0.39883	1.12929	1.12929	0.479355	1.10652	1.10652	0.598619	0.927954	-1.07764	0.715837	1.05281	1.05281	2.1395	0.671446	0.278963	1
cg09168797	GRAMD3;GRAMD3;GRAMD3;GRAMD3;GRAMD3;GRAMD3	0.148836	0.143571	0.774153	-1.29173	0.391489	1.15374	1.15374	0.146681	1.28882	1.28882	0.794342	1.04347	1.04347	0.881541	1.02459	1.02459	0.514886	1.11356	1.11356	0.0132129	1.64923	1.64923	0.932291	0.986254	-1.01394	0.105318	1.33407	1.33407	2.13949	0.898979	0.373496	1
cg18966140	FAM188A	0.148836	0.211334	0.711035	-1.4064	0.401681	0.800681	-1.24894	0.266708	0.741047	-1.34944	0.0165405	0.468484	-2.13454	0.21747	0.714604	-1.39938	0.385974	1.25881	1.25881	0.387642	0.795072	-1.25775	0.168552	1.46224	1.46224	0.631848	1.13317	1.13317	2.13949	2.2727	0.944235	1
cg02051805	CCT3;C1orf182;CCT3;CCT3	0.148837	0.526644	1.0746	1.0746	0.436294	0.914779	-1.09316	0.496695	1.08047	1.08047	0.634024	1.05526	1.05526	0.00922533	1.44871	1.44871	0.181886	1.17225	1.17225	0.261204	0.876851	-1.14044	0.410405	0.909906	-1.09901	0.707437	0.958597	-1.04319	2.13948	0.426237	0.177088	1
cg19390357	SNX29	0.14884	0.775215	0.930429	-1.07477	0.665115	0.896113	-1.11593	0.083056	0.616725	-1.62147	0.386087	1.2508	1.2508	0.0934421	1.59155	1.59155	0.311299	0.768102	-1.30191	0.0505492	1.75281	1.75281	0.138309	1.49466	1.49466	0.798493	1.06655	1.06655	2.13947	2.14944	0.893034	1
cg25910519	PTPRN2;PTPRN2;PTPRN2	0.148844	0.0709586	0.424906	-2.35346	0.579777	0.788766	-1.2678	0.885465	0.940683	-1.06306	0.103817	0.470192	-2.12679	0.0625772	0.411028	-2.43292	0.0190059	0.299777	-3.33581	0.872508	1.07051	1.07051	0.266519	0.61192	-1.6342	0.103017	0.469218	-2.1312	2.13944	6.09884	2.53394	1
cg08840687	MIR198;FSTL1	0.148845	0.205107	0.824397	-1.21301	0.12097	0.783542	-1.27626	0.098748	0.768689	-1.30092	0.551528	1.0903	1.0903	0.827712	1.03172	1.03172	0.644357	1.06893	1.06893	0.0505386	1.38521	1.38521	0.209379	0.826074	-1.21055	0.288212	1.17217	1.17217	2.24988	0.715802	0.247451	1
cg09861958	CASC5;CASC5	0.148845	0.319825	0.775922	-1.28879	0.787717	0.935561	-1.06888	0.231812	1.36273	1.36273	0.293691	1.30841	1.30841	0.880377	0.963517	-1.03786	0.0350222	0.545423	-1.83344	0.0412282	0.559251	-1.78811	0.536263	1.16715	1.16715	0.404604	1.23424	1.23424	2.13943	2.06373	0.857435	1
cg07743122	TOP1MT	0.148846	0.161688	0.63251	-1.581	0.321192	1.3691	1.3691	0.101789	0.577515	-1.73156	0.392268	0.764411	-1.3082	0.00976713	0.367302	-2.72256	0.383111	0.76022	-1.31541	0.307665	0.723485	-1.3822	0.177518	0.644511	-1.55156	0.505303	0.812861	-1.23022	2.13942	3.18351	1.32269	1
cg05244029	CENPT;THAP11;THAP11	0.14885	0.570968	1.18215	1.18215	0.452448	0.799043	-1.2515	0.0319295	0.459856	-2.17459	0.0630367	1.88889	1.88889	0.388182	0.771226	-1.29664	0.782258	0.922442	-1.08408	?	?	?	?	?	?	0.479996	0.810366	-1.23401	2.43753	2.42371	0.852284	1
cg08288345	BAT1;BAT1	0.148855	0.279567	0.580038	-1.72403	0.64051	1.25593	1.25593	0.0394815	3.17086	3.17086	0.390892	1.53105	1.53105	0.81215	1.12227	1.12227	0.804955	0.887029	-1.12736	0.0566691	0.351603	-2.84412	0.258974	1.76936	1.76936	0.165256	0.488146	-2.04857	2.13936	7.95421	3.30492	1
cg25741368	LIPE	0.148856	0.858047	0.930982	-1.07413	0.0370327	2.63078	2.63078	0.230527	1.65276	1.65276	0.576645	1.25269	1.25269	0.325617	0.666693	-1.49994	0.64971	0.83307	-1.20038	0.067455	0.441121	-2.26695	0.159055	0.54815	-1.82432	0.388752	1.42309	1.42309	2.13935	5.40615	2.24622	1
cg14859691	FAM27B	0.148859	0.163812	0.796652	-1.25525	0.279368	0.84192	-1.18776	0.362274	0.866519	-1.15404	0.52558	0.906274	-1.10342	0.0198448	0.650327	-1.53769	0.185078	1.23991	1.23991	0.654635	1.07132	1.07132	0.803826	0.962636	-1.03881	0.0598844	0.722656	-1.38378	2.13933	0.793157	0.329555	1
cg22900229	POMC;POMC	0.148859	0.554179	0.715214	-1.39818	0.0157077	5.25168	5.25168	0.595336	1.35024	1.35024	0.291963	1.84505	1.84505	0.523155	0.695942	-1.4369	0.807175	0.871986	-1.14681	0.0643172	0.312116	-3.20394	0.309396	1.80268	1.80268	0.983939	0.988787	-1.01134	2.13933	10.6322	4.41765	1
cg02879453	ADCY7	0.14886	0.876918	0.939793	-1.06406	0.0635491	2.3066	2.3066	0.200986	1.71789	1.71789	0.853311	0.928528	-1.07697	0.0190369	0.320695	-3.11822	0.81257	1.09984	1.09984	0.178559	1.77289	1.77289	0.637173	1.20967	1.20967	0.917563	1.04235	1.04235	2.13933	5.43868	2.25977	1
cg15340874	CACYBP;CACYBP	0.14886	0.0984026	0.611972	-1.63406	0.134105	1.54916	1.54916	0.758697	0.919908	-1.08707	0.316474	0.75534	-1.32391	0.555916	0.850966	-1.17514	0.152006	0.659826	-1.51555	0.0840824	0.595802	-1.67841	0.724603	1.10058	1.10058	0.0949332	1.6441	1.6441	2.13933	2.48713	1.0334	1
cg07147130	MAD1L1;MAD1L1;MAD1L1	0.148862	0.926894	0.942167	-1.06138	0.334897	0.52437	-1.90705	0.0490461	0.232549	-4.30016	0.876721	1.10602	1.10602	0.117368	0.33151	-3.0165	0.383386	1.78646	1.78646	0.0263474	0.180895	-5.52808	0.216466	0.42986	-2.32634	0.107309	0.319488	-3.13001	2.13931	14.2776	5.93239	1
cg02946640	GLB1L	0.148863	0.118678	0.505917	-1.97661	0.335018	0.670349	-1.49176	0.0365582	0.37629	-2.65752	0.941259	1.03009	1.03009	0.0686286	0.440457	-2.27037	0.020998	0.327261	-3.05566	0.896281	0.948885	-1.05387	0.331543	0.668296	-1.49634	0.153473	0.540724	-1.84937	2.13931	5.48329	2.27832	1
cg13781510	FKBP3;FANCM	0.148864	0.4339	0.868343	-1.15162	0.228506	0.799761	-1.25037	0.152049	1.31164	1.31164	0.757837	1.0562	1.0562	0.156709	1.30709	1.30709	0.315344	0.832312	-1.20147	0.0467524	1.49558	1.49558	0.259373	0.81219	-1.23124	0.174195	1.29118	1.29118	2.1393	1.05899	0.440016	1
cg25604994	CFLAR;CFLAR;CFLAR	0.148864	0.0640697	2.18766	2.18766	0.64386	0.839349	-1.1914	0.269595	1.54107	1.54107	0.912253	0.959381	-1.04234	0.103323	0.511585	-1.95471	0.835248	1.08149	1.08149	0.0501707	0.431713	-2.31635	0.157612	0.566414	-1.76549	0.463987	0.755492	-1.32364	2.1393	4.7947	1.99222	1
cg24341220	RETSAT;ELMOD3;ELMOD3;RETSAT;ELMOD3;ELMOD3	0.148865	0.894474	0.983599	-1.01667	0.398016	1.11386	1.11386	0.87602	1.01965	1.01965	0.523069	1.08399	1.08399	0.206792	0.84712	-1.18047	0.663651	0.946935	-1.05604	0.042094	0.746894	-1.33888	0.117926	1.23561	1.23561	0.0530144	1.31519	1.31519	2.1393	0.526109	0.218601	1
cg00527174	FAM43B;FAM43B	0.148865	0.304605	0.806582	-1.2398	0.502095	1.14766	1.14766	0.0223879	1.73883	1.73883	0.198568	1.31613	1.31613	0.839088	1.04196	1.04196	0.0326373	1.65782	1.65782	0.472328	0.862604	-1.15928	0.740268	1.06957	1.06957	0.283948	1.2524	1.2524	2.1393	1.385	0.575475	1
cg04752263	HRH3	0.148867	0.15968	0.794803	-1.25817	0.356516	0.865065	-1.15598	0.298306	0.848076	-1.17914	0.761483	1.04763	1.04763	0.149033	0.789369	-1.26683	0.0584995	1.38641	1.38641	0.293131	1.18139	1.18139	0.639108	1.07486	1.07486	0.0725048	0.736168	-1.35839	2.13928	0.791545	0.328894	1
cg17864650	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.148868	0.501963	0.856103	-1.16808	0.0278916	1.80835	1.80835	0.378608	0.813869	-1.2287	0.769595	0.935227	-1.06926	0.188861	1.37353	1.37353	0.888057	0.968398	-1.03263	0.312067	1.26925	1.26925	0.0500363	0.600803	-1.66444	0.657075	1.10724	1.10724	2.13927	1.76126	0.731821	1
cg25918947	TMEM106A	0.148869	0.0982757	0.451683	-2.21394	0.326687	0.641584	-1.55864	0.0436871	0.361911	-2.76311	0.67854	1.20042	1.20042	0.106457	0.461797	-2.16545	0.234311	0.579006	-1.7271	0.117058	0.474158	-2.109	0.227038	1.74347	1.74347	0.138398	0.496977	-2.01217	2.13927	6.50878	2.70447	1
cg24057373	CDC14A;CDC14A;CDC14A;CDC14A;CDC14A;CDC14A	0.148873	0.414761	1.39063	1.39063	0.285544	0.64484	-1.55077	0.85293	0.929222	-1.07617	0.00698656	0.251564	-3.97514	0.0836502	0.468915	-2.13258	0.467462	0.746423	-1.33972	0.550811	0.787618	-1.26965	0.883707	1.0596	1.0596	0.765939	1.12535	1.12535	2.13924	5.30134	2.20279	1
cg00815117	C17orf63;C17orf63	0.148873	0.762659	1.20678	1.20678	0.0139735	6.57836	6.57836	0.0535241	3.89909	3.89909	0.387257	1.73318	1.73318	0.120364	0.351515	-2.84483	0.942032	1.04616	1.04616	0.636888	1.34323	1.34323	0.627246	1.35483	1.35483	0.864754	1.11159	1.11159	2.13924	13.0472	5.42134	1
cg09058381	EAF1;METTL6	0.148874	0.767175	0.938639	-1.06537	0.1317	0.706773	-1.41488	0.32807	0.806293	-1.24024	0.405298	1.19913	1.19913	0.545283	1.13946	1.13946	0.125484	0.702118	-1.42426	0.519752	1.14933	1.14933	0.168188	1.36782	1.36782	0.0330303	1.70175	1.70175	2.13923	1.54117	0.640383	1
cg23467004	PRDX2;PRDX2	0.148874	0.380993	1.13705	1.13705	0.507898	1.10078	1.10078	0.346716	1.14855	1.14855	0.566217	1.08641	1.08641	0.146429	1.24959	1.24959	0.0759139	1.32623	1.32623	0.561195	0.919449	-1.08761	0.221177	0.832083	-1.2018	0.0158254	1.52581	1.52581	2.13923	0.692219	0.28763	1
cg02774160	GGT1	0.148875	0.0466269	0.323939	-3.087	0.349042	0.620683	-1.61113	0.590688	0.764438	-1.30815	0.530451	0.730236	-1.36942	0.0278814	0.276492	-3.61674	0.455064	0.686315	-1.45706	0.0520147	0.335005	-2.98503	0.0336734	0.293084	-3.41199	0.238803	0.543157	-1.84109	2.13922	8.29241	3.44566	1
cg24217948	SETBP1;SETBP1	0.148875	0.112704	0.263756	-3.79138	0.698281	1.35076	1.35076	0.913633	0.919669	-1.08735	0.227169	0.375827	-2.6608	0.308729	0.443456	-2.25501	0.797413	0.819918	-1.21963	0.0086183	0.0753573	-13.2701	0.0829988	0.22728	-4.39986	0.219086	0.368755	-2.71183	2.13922	20.1853	8.3874	1
cg23357854	SLC9A5	0.148876	0.0454541	0.650578	-1.5371	0.906854	0.978306	-1.02218	0.0697056	1.46243	1.46243	0.322456	0.825708	-1.21108	0.435052	0.861369	-1.16094	0.172115	1.31304	1.31304	0.278982	0.809842	-1.23481	0.314078	0.822766	-1.21541	0.34346	1.20066	1.20066	2.13922	1.18958	0.494293	1
cg04003903	CPZ;CPZ;CPZ	0.148877	0.1432	0.425299	-2.35129	0.0531601	3.29999	3.29999	0.684385	0.800847	-1.24868	0.40677	0.630535	-1.58595	0.199703	0.478902	-2.08811	0.729002	0.827783	-1.20805	0.0260326	0.238003	-4.20162	0.26073	0.528641	-1.89164	0.767036	0.850912	-1.17521	2.13921	10.0054	4.15745	1
cg04365777	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.14888	0.616355	0.764468	-1.3081	0.00431216	0.13147	-7.60627	0.2337	0.514886	-1.94218	0.774756	1.16479	1.16479	0.238336	0.518583	-1.92833	0.959936	0.973646	-1.02707	0.196917	0.484166	-2.06541	0.912219	0.943055	-1.06038	0.990618	1.00627	1.00627	2.13919	9.57717	3.97956	1
cg03171924	RUNX3	0.148882	0.307978	1.44851	1.44851	0.434201	0.755637	-1.32339	0.0203121	2.6707	2.6707	0.0840127	1.95684	1.95684	0.740795	0.88997	-1.12363	0.3961	0.73701	-1.35683	0.609119	1.19852	1.19852	0.995978	0.998232	-1.00177	0.0694417	2.04034	2.04034	2.13917	4.17736	1.73581	1
cg15907372	SLC9A10	0.148883	0.319851	0.852921	-1.17244	0.294526	1.18324	1.18324	0.0529115	0.711438	-1.4056	0.697044	0.941248	-1.06242	0.773315	0.956287	-1.04571	0.857552	1.0282	1.0282	0.122586	0.771873	-1.29555	0.107671	1.3122	1.3122	0.107542	1.31235	1.31235	2.13917	0.811478	0.337193	1
cg26036443	EHD2	0.148883	0.0208991	6.99929	6.99929	0.0611485	4.38017	4.38017	0.406486	1.81207	1.81207	0.688997	1.32528	1.32528	0.255304	2.29648	2.29648	0.429624	0.568696	-1.75841	0.395441	0.54376	-1.83905	0.113211	3.34245	3.34245	0.704481	0.765865	-1.30571	2.13917	16.6027	6.89891	1
cg20661083	SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.148884	0.356319	1.27242	1.27242	0.111141	0.643587	-1.55379	0.534082	1.1734	1.1734	0.289909	0.756595	-1.32171	0.633032	1.12992	1.12992	0.449197	1.21632	1.21632	0.0321577	1.89124	1.89124	0.104563	1.56912	1.56912	0.150587	1.47881	1.47881	2.13916	2.18461	0.907775	1
cg17355809	C1orf124;C1orf124	0.148884	0.247181	1.74334	1.74334	0.165158	0.506586	-1.974	0.899652	0.943697	-1.05966	0.0351183	3.08795	3.08795	0.496266	0.728096	-1.37345	0.552142	0.758593	-1.31823	0.05236	0.362942	-2.75526	0.280865	0.597582	-1.67341	0.836635	0.909517	-1.09949	2.13916	7.14851	2.97043	1
cg12600417	TMTC3	0.148887	0.162386	0.615011	-1.62599	0.289444	0.698822	-1.43098	0.831517	0.932919	-1.0719	0.95589	0.982135	-1.01819	0.0046127	0.292699	-3.41648	0.924413	0.969546	-1.03141	0.162629	0.615207	-1.62547	0.794891	1.08862	1.08862	0.584722	0.835388	-1.19705	2.13915	3.59851	1.49531	1
cg26220725	DUSP22	0.148887	0.0741514	0.321267	-3.11268	0.0609559	0.299654	-3.33719	0.0621222	0.301676	-3.31482	0.403445	0.61394	-1.62882	0.0331142	0.24135	-4.14337	0.116234	0.37755	-2.64865	0.0511369	0.281564	-3.55159	0.475128	0.660729	-1.51348	0.406623	0.616057	-1.62323	2.13914	11.0311	4.58382	1
cg06294712	BHLHE22	0.148889	0.865127	0.925916	-1.08001	0.573692	1.29356	1.29356	0.532135	0.750872	-1.33179	0.21041	1.81768	1.81768	0.458635	1.40731	1.40731	0.511051	0.739472	-1.35232	0.0450389	0.352974	-2.83307	0.0255146	3.32581	3.32581	0.49757	0.732121	-1.36589	2.13913	6.94541	2.88608	1
cg01055000	NUP93	0.148892	0.523676	1.13539	1.13539	0.659071	1.09115	1.09115	0.680748	0.921931	-1.08468	0.149648	1.3546	1.3546	0.613543	1.10523	1.10523	0.11766	0.71615	-1.39635	0.0146049	0.553849	-1.80555	0.758536	0.941217	-1.06245	0.352112	1.207	1.207	2.1391	1.30782	0.543455	1
cg05385923	TMEM176B;TMEM176B;TMEM176B;TMEM176B;TMEM176B	0.148897	0.295577	0.588484	-1.69928	0.351771	0.625987	-1.59748	0.167264	0.486925	-2.0537	0.044133	0.322893	-3.097	0.103144	0.418337	-2.39042	0.604698	0.774708	-1.29081	0.111034	0.427993	-2.33649	0.0166204	0.239384	-4.17739	0.0836396	0.392223	-2.54957	2.13908	8.09511	3.36391	1
cg11488893	CALCA;CALCA;CALCA	0.148898	0.324238	0.645453	-1.5493	0.891468	1.06047	1.06047	0.101265	0.462245	-2.16335	0.727865	0.860514	-1.1621	0.210046	0.566627	-1.76483	0.133377	0.498447	-2.00623	0.00620912	0.215603	-4.63816	0.528517	0.759877	-1.316	0.919419	1.04448	1.04448	2.13907	6.26512	2.60347	1
cg00849943	HPSE;HPSE;HPSE	0.148898	0.148149	0.730925	-1.36813	0.12094	1.40467	1.40467	0.0834729	1.47273	1.47273	0.346365	1.21645	1.21645	0.344766	0.821498	-1.21729	0.310905	1.23595	1.23595	0.117468	0.709247	-1.40995	0.375043	1.20197	1.20197	0.268622	1.26213	1.26213	2.13906	1.3831	0.574746	1
cg08632473	KDM1B	0.1489	0.0826083	0.251623	-3.9742	0.197958	2.65555	2.65555	0.778219	1.22466	1.22466	0.938142	1.05729	1.05729	0.0196112	0.13214	-7.56775	0.905659	0.918423	-1.08882	0.13497	0.314551	-3.17914	0.337515	0.491798	-2.03336	0.189935	0.369188	-2.70865	2.13905	17.4528	7.25257	1
cg13050142	SCARNA2	0.148902	0.743459	0.965259	-1.03599	0.557259	0.93809	-1.066	0.241373	0.876307	-1.14115	0.362993	0.90424	-1.1059	0.105404	0.826569	-1.20982	0.118465	1.2002	1.2002	0.172865	1.16903	1.16903	0.24379	0.876953	-1.14031	0.0437579	0.779146	-1.28346	2.13904	0.392714	0.163194	1
cg00732538	JPH3	0.148903	0.110433	0.765987	-1.3055	0.564874	0.914683	-1.09327	0.928788	0.986395	-1.01379	0.33858	1.1632	1.1632	0.041503	0.6975	-1.43369	0.0193365	0.648235	-1.54265	0.18279	0.805207	-1.24192	0.409706	0.87879	-1.13793	0.957135	1.00827	1.00827	2.13903	0.79565	0.330638	1
cg08284713	TERF2	0.148904	0.777245	1.10543	1.10543	0.038342	2.33531	2.33531	0.143517	1.7428	1.7428	0.506889	1.26867	1.26867	0.750889	0.893546	-1.11914	0.493249	1.27877	1.27877	0.046203	0.446105	-2.24162	0.111202	1.84633	1.84633	0.918731	1.03673	1.03673	2.13902	4.23099	1.75822	1
cg16184930	DICER1;DICER1;FLJ45244	0.148905	0.335066	0.853488	-1.17166	0.970226	1.00597	1.00597	0.484634	1.11983	1.11983	0.862756	1.02796	1.02796	0.21462	0.812048	-1.23145	0.442541	1.1329	1.1329	0.0101672	1.67624	1.67624	0.240946	1.21608	1.21608	0.186169	1.25028	1.25028	2.13902	0.860382	0.35754	1
cg10572274	TXNRD1;TXNRD1;TXNRD1;EID3;TXNRD1;TXNRD1	0.148906	0.166754	4.34362	4.34362	0.623747	1.63652	1.63652	0.794896	0.771401	-1.29634	0.250354	3.3092	3.3092	0.371472	0.400828	-2.49484	0.258448	0.308903	-3.23726	0.405224	0.428093	-2.33594	0.0272162	13.5166	13.5166	0.0831243	6.76235	6.76235	2.13902	33.6252	13.9733	1
cg05063097	ZNF423	0.148906	0.0648334	0.39386	-2.53897	0.0529306	0.372168	-2.68696	0.0743128	0.409202	-2.44378	0.468562	0.717936	-1.39288	0.0197017	0.282035	-3.54566	0.573287	0.774359	-1.29139	0.111573	0.458993	-2.17868	0.187801	0.534092	-1.87234	0.242827	0.577411	-1.73187	2.13901	6.84002	2.84244	1
cg25101056	KCNG4	0.148907	0.713274	0.885723	-1.12902	0.920885	1.0332	1.0332	0.436049	0.770071	-1.29858	0.511116	0.803207	-1.24501	0.264532	0.682245	-1.46575	0.330674	0.718901	-1.39101	0.114052	1.75986	1.75986	0.0080363	0.327406	-3.05432	0.893597	0.956953	-1.04498	2.139	3.66245	1.52197	1
cg05863098	C14orf48;C14orf48;C14orf48	0.148915	0.0194583	0.285364	-3.5043	0.0371171	0.341506	-2.9282	0.698646	0.841384	-1.18852	0.488485	1.36672	1.36672	0.181298	0.532586	-1.87763	0.444715	0.7076	-1.41323	0.500045	0.737928	-1.35515	0.0733674	0.41216	-2.42624	0.24739	0.584557	-1.7107	2.13895	6.67625	2.77447	1
cg19865425	GPR177	0.148916	0.0798417	0.34631	-2.88758	0.703008	0.811409	-1.23242	0.167452	0.448087	-2.23171	0.947542	0.96474	-1.03655	0.0273505	0.240696	-4.15462	0.534183	0.709307	-1.40983	0.0229476	0.226663	-4.41183	0.506031	1.44502	1.44502	0.468451	0.668689	-1.49546	2.13894	10.0826	4.19008	1
cg22336034	MTP18;MTP18	0.148916	0.269163	0.78533	-1.27335	0.495903	1.15626	1.15626	0.278939	1.26667	1.26667	0.0349563	0.596877	-1.67539	0.069085	0.652377	-1.53286	0.177483	0.74011	-1.35115	0.104732	0.689121	-1.45112	0.839443	0.958295	-1.04352	0.596905	1.1186	1.1186	2.13894	1.49379	0.620778	1
cg07923806	CCNF	0.148918	0.639009	0.912032	-1.09645	0.0446655	0.638104	-1.56714	0.476181	1.15165	1.15165	0.292084	1.23744	1.23744	0.530585	0.883548	-1.1318	0.158689	1.34129	1.34129	0.203824	1.29873	1.29873	0.145336	0.737302	-1.3563	0.157346	0.744747	-1.34274	2.13893	1.28674	0.534738	1
cg21457839	PTPRA;PTPRA	0.148922	0.0656895	1.36797	1.36797	0.444897	1.1254	1.1254	0.130733	0.780704	-1.2809	0.110006	1.30247	1.30247	0.588936	1.08628	1.08628	0.698609	1.0608	1.0608	0.239862	0.829698	-1.20526	0.109961	0.767744	-1.30252	0.356563	1.15471	1.15471	2.1389	0.779557	0.323969	1
cg25477839	ZNF252;C8orf77	0.148923	0.137436	0.691703	-1.44571	0.532949	1.15662	1.15662	0.968062	0.990817	-1.00927	0.970268	1.00862	1.00862	0.404429	1.21721	1.21721	0.187158	1.38006	1.38006	0.0473097	0.592809	-1.68688	0.719776	1.08655	1.08655	0.0369658	0.572237	-1.74753	2.1389	1.79834	0.747357	1
cg18958339	PRDM10;PRDM10;PRDM10;PRDM10	0.148924	0.229358	1.46444	1.46444	0.721814	0.897519	-1.11418	0.413834	0.776739	-1.28743	0.837187	1.06421	1.06421	0.0369297	0.480514	-2.0811	0.0616659	0.529106	-1.88998	0.0829814	1.78704	1.78704	0.781214	1.08785	1.08785	0.917295	0.969074	-1.03191	2.13889	3.09854	1.2877	1
cg09989037	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.148924	0.0970351	0.298934	-3.34522	0.0346622	0.195385	-5.1181	0.0552615	0.236775	-4.22342	0.160351	0.369956	-2.70302	0.0277277	0.178151	-5.61322	0.240185	0.442495	-2.25991	0.106925	0.311336	-3.21197	0.378096	0.549044	-1.82135	0.466748	0.61201	-1.63396	2.13889	14.8904	6.18819	1
cg27263448	C7orf54;SND1	0.148928	0.750109	0.890185	-1.12336	0.0283948	2.5647	2.5647	0.04397	2.32267	2.32267	0.32969	0.693363	-1.44225	0.200603	0.611323	-1.6358	0.585569	0.818367	-1.22195	0.975091	0.988698	-1.01143	0.488833	1.29173	1.29173	0.440609	0.751038	-1.33149	2.13886	4.48944	1.86576	1
cg01236299	GAS7;GAS7;GAS7;GAS7	0.148928	0.0262019	0.37236	-2.68557	0.109018	0.519629	-1.92445	0.759103	1.12211	1.12211	0.638461	1.19394	1.19394	0.584615	1.2297	1.2297	0.312363	1.47912	1.47912	0.220894	1.61936	1.61936	0.540728	1.26107	1.26107	0.129865	0.541799	-1.8457	2.13886	4.75259	1.97513	1
cg14051202	SQSTM1;SQSTM1;SQSTM1	0.148938	0.296325	1.22159	1.22159	0.124353	0.735236	-1.36011	0.0852582	0.703505	-1.42145	0.509579	0.883685	-1.13163	0.085309	0.703553	-1.42136	0.287756	0.815454	-1.22631	0.24215	0.797501	-1.25392	0.0565536	0.670999	-1.49032	0.0505062	0.662344	-1.50979	2.13879	1.1573	0.48098	1
cg02976617	NUDT12;NUDT12	0.148938	0.118382	0.359819	-2.77917	0.148779	2.54373	2.54373	0.207355	0.448592	-2.2292	0.750758	0.825198	-1.21183	0.197483	0.439835	-2.27358	0.586278	0.717972	-1.39281	0.0525462	0.264755	-3.77708	0.0378958	0.234253	-4.26888	0.876895	1.09797	1.09797	2.13879	12.3131	5.11739	1
cg05908248	HELQ;MRPS18C	0.148939	0.0554418	0.638307	-1.56664	0.14324	1.38446	1.38446	0.708711	1.0807	1.0807	0.240383	1.28942	1.28942	0.215511	1.30942	1.30942	0.0834117	0.672808	-1.48631	0.189454	1.33301	1.33301	0.960511	0.989813	-1.01029	0.508171	1.14892	1.14892	2.13878	1.44859	0.602041	1
cg01333788	GJB5	0.148941	0.554223	0.810801	-1.23335	0.574738	1.21986	1.21986	0.599935	0.830663	-1.20386	0.863527	0.941471	-1.06217	0.0498153	0.45642	-2.19096	0.0961995	0.52708	-1.89724	0.0297911	2.45088	2.45088	0.473394	1.29128	1.29128	0.865782	0.942421	-1.0611	2.13877	4.16289	1.73013	1
cg07505293	THAP8;WDR62;WDR62	0.148944	0.0236942	0.543656	-1.8394	0.253669	1.30868	1.30868	0.0843612	1.53859	1.53859	0.895469	1.03011	1.03011	0.387954	1.22102	1.22102	0.213278	0.743955	-1.34417	0.957819	0.988135	-1.01201	0.569139	1.13866	1.13866	0.285414	1.28452	1.28452	2.13875	1.72507	0.716957	1
cg25717464	FAM124B;FAM124B	0.148952	0.442394	0.782363	-1.27818	0.0719483	1.87659	1.87659	0.488158	0.801961	-1.24694	0.272615	0.699209	-1.43019	0.254169	0.688583	-1.45226	0.281361	1.42026	1.42026	0.105713	1.73981	1.73981	0.643119	1.15744	1.15744	0.0783869	0.541892	-1.84539	2.1387	3.32602	1.38236	1
cg09639547	C5orf36;ANKRD32;C5orf36	0.148952	0.486442	1.32056	1.32056	0.331104	0.674149	-1.48335	0.308319	1.51379	1.51379	0.242773	0.61838	-1.61713	0.219604	1.66126	1.66126	0.0544356	0.423973	-2.35864	0.158663	0.552972	-1.80841	0.0622591	0.438117	-2.2825	0.661961	1.18885	1.18885	2.1387	5.23699	2.17661	1
cg00866295	ATP2B4;ATP2B4	0.148953	0.0486552	0.575914	-1.73637	0.149665	1.46008	1.46008	0.0789573	1.6128	1.6128	0.339768	0.785782	-1.27262	0.137779	0.675978	-1.47934	0.325119	0.779605	-1.2827	0.667739	1.11161	1.11161	0.40753	0.812539	-1.23071	0.822062	0.946303	-1.05674	2.13869	2.0336	0.845213	1
cg06163735	TRANK1	0.148953	0.0621826	0.78295	-1.27722	0.130662	1.20952	1.20952	0.242602	1.15317	1.15317	0.816082	0.973213	-1.02752	0.586921	1.06602	1.06602	0.80592	0.97172	-1.0291	0.133186	0.827958	-1.20779	0.0473065	0.767604	-1.30276	0.930193	1.01026	1.01026	2.13869	0.460036	0.191202	1
cg08230469	TUFM;TUFM	0.148955	0.63911	0.910547	-1.09824	0.0580774	1.52958	1.52958	0.0115775	1.87075	1.87075	0.68954	1.08293	1.08293	0.667905	1.0894	1.0894	0.547239	0.886169	-1.12845	0.840557	1.04077	1.04077	0.264233	1.25971	1.25971	0.330185	0.819254	-1.22062	2.13868	1.33333	0.554166	1
cg09918751	ADAMTS17	0.148956	0.129508	0.731742	-1.3666	0.178983	1.31288	1.31288	0.932137	1.01637	1.01637	0.338654	0.82856	-1.20691	0.239696	0.790762	-1.2646	0.100513	1.40925	1.40925	0.0960601	1.41695	1.41695	0.402415	1.17751	1.17751	0.205784	0.775299	-1.28983	2.13867	1.23155	0.511863	1
cg11590714	CLCN5;CLCN5;CLCN5	0.148959	0.451917	0.783211	-1.2768	0.106495	0.57008	-1.75414	0.276132	0.696843	-1.43504	0.276595	1.4345	1.4345	0.190089	0.642447	-1.55655	0.0341848	0.454766	-2.19894	0.967536	0.987108	-1.01306	0.909794	1.0368	1.0368	0.105947	1.75597	1.75597	2.13865	3.44335	1.43116	1
cg20071498	MAK16	0.14896	0.943696	0.961634	-1.0399	0.666911	0.786593	-1.27131	0.884738	0.922793	-1.08367	0.338485	0.577513	-1.73156	0.0081516	0.141978	-7.04335	0.377701	0.604531	-1.65417	0.258042	1.93087	1.93087	0.301201	0.550714	-1.81582	0.303957	1.80917	1.80917	2.24899	10.6969	3.69936	1
cg11407610	SSBP1;FLJ40852	0.148966	0.300899	0.606173	-1.6497	0.0106747	0.223375	-4.47678	0.860536	0.921156	-1.08559	0.387982	0.661523	-1.51166	0.407478	0.673206	-1.48543	0.401224	0.669481	-1.49369	0.271019	0.585568	-1.70774	0.0191833	0.266238	-3.75604	0.226629	0.552745	-1.80915	2.1386	7.387	3.07033	1
cg16118491	TRAPPC9;TRAPPC9	0.148969	0.610714	0.894862	-1.11749	0.226443	1.31628	1.31628	0.0425473	0.603321	-1.65749	0.0517304	0.619372	-1.61454	0.222011	0.75751	-1.32011	0.188922	1.35143	1.35143	0.453931	1.17947	1.17947	0.529236	0.871168	-1.14788	0.499822	0.862252	-1.15975	2.13858	1.5858	0.659127	1
cg14639185	WSCD2	0.14897	0.0458117	2.81566	2.81566	0.681218	0.829631	-1.20536	0.86405	1.08057	1.08057	0.0799479	2.40735	2.40735	0.027551	3.24906	3.24906	0.24469	1.73375	1.73375	0.537159	1.32651	1.32651	0.075445	2.44712	2.44712	0.733283	0.856705	-1.16726	2.13858	6.92512	2.87839	1
cg06597652	HCN2	0.148973	0.0772443	1.56683	1.56683	0.169181	1.3977	1.3977	0.755574	1.07399	1.07399	0.349097	1.24651	1.24651	0.426909	1.20375	1.20375	0.0200398	0.526525	-1.89925	0.539551	0.867635	-1.15256	0.53625	1.15393	1.15393	0.646145	0.899715	-1.11146	2.13855	1.76988	0.73565	1
cg00807143	WRAP53;TP53;TP53;WRAP53;TP53;WRAP53;TP53;TP53;TP53;TP53;TP53;WRAP53	0.148976	0.910059	1.01594	1.01594	0.668072	1.06223	1.06223	0.174436	0.816961	-1.22405	0.158743	0.809929	-1.23468	0.53597	1.09167	1.09167	0.727992	1.05008	1.05008	0.0153111	0.659269	-1.51683	0.230646	1.19241	1.19241	0.329249	1.15132	1.15132	2.13853	0.663305	0.275705	1
cg09160477	SUSD3	0.148977	0.0195532	48.6942	48.6942	0.703489	0.590612	-1.69316	0.253396	5.16851	5.16851	0.404583	0.309016	-3.23608	0.262105	0.199838	-5.00406	0.797983	1.42362	1.42362	0.962314	0.937006	-1.06723	0.815551	1.37958	1.37958	0.0403186	26.098	26.098	2.13853	64.2262	26.6959	1
cg13160963	TMEM170B	0.148978	0.535595	1.03727	1.03727	0.064651	1.1287	1.1287	0.214185	1.07928	1.07928	0.833625	1.01235	1.01235	0.96605	1.00249	1.00249	0.365396	1.05575	1.05575	0.0374338	0.868598	-1.15128	0.292661	1.06576	1.06576	0.0787859	1.12061	1.12061	2.13852	0.115262	0.0479094	1
cg07649988	SCD	0.148978	0.0415318	1.53185	1.53185	0.573089	0.901837	-1.10885	0.37063	0.846351	-1.18154	0.323773	0.831169	-1.20313	0.695108	0.93102	-1.07409	0.0590066	0.67916	-1.47241	0.0766786	0.699571	-1.42945	0.845614	0.965244	-1.03601	0.170041	0.767068	-1.30367	2.13852	1.11519	0.463538	1
cg27265637	SEC24C;SEC24C	0.148981	0.470471	0.858741	-1.1645	0.688549	1.08717	1.08717	0.492445	1.15558	1.15558	0.645834	1.10074	1.10074	0.0307473	1.69269	1.69269	0.0293106	1.70321	1.70321	0.686835	0.919371	-1.0877	0.0882378	1.47725	1.47725	0.129252	1.40496	1.40496	2.1385	1.45717	0.605689	1
cg10256045	TPCN2	0.148983	0.903864	0.907776	-1.10159	0.0387616	6.79645	6.79645	0.0729095	4.96255	4.96255	0.925887	1.07735	1.07735	0.0439799	0.156678	-6.38251	0.459006	1.829	1.829	0.544443	0.611867	-1.63434	0.433248	1.89716	1.89716	0.876233	0.882667	-1.13293	2.13849	21.7179	9.02731	1
cg08304503	ZNF239;ZNF239;ZNF239;ZNF239	0.148988	0.477887	1.10449	1.10449	0.495307	0.909037	-1.10006	0.118038	0.791545	-1.26335	0.124472	0.795246	-1.25747	0.877745	0.97902	-1.02143	0.239309	1.18498	1.18498	0.671125	1.06059	1.06059	0.606996	0.931031	-1.07408	0.0138776	0.657884	-1.52002	2.13845	0.642529	0.26708	1
cg04637007	EHMT2;EHMT2	0.14899	0.514017	0.811169	-1.23279	0.571804	1.19803	1.19803	0.553288	0.827251	-1.20882	0.469707	0.792479	-1.26186	0.109195	0.57559	-1.73735	0.00999469	0.357528	-2.79699	0.201161	1.5325	1.5325	0.481367	0.797461	-1.25398	0.270402	0.69566	-1.43748	2.13844	3.38686	1.40782	1
cg19233268	KRT83	0.148992	0.0296222	0.157407	-6.35296	0.220559	0.394579	-2.53435	0.650302	0.719262	-1.39031	0.679927	0.74116	-1.34924	0.00724965	0.0819798	-12.1981	0.446779	0.571265	-1.7505	0.402393	0.538609	-1.85663	0.383199	0.524319	-1.90724	0.257394	0.425956	-2.34766	2.13842	17.6566	7.33938	1
cg20180050	ADHFE1	0.148994	0.233634	0.709154	-1.41013	0.258136	0.722701	-1.3837	0.280196	0.734212	-1.362	0.423498	1.25231	1.25231	0.0221295	0.469965	-2.12782	0.106954	0.616092	-1.62314	0.535713	1.1884	1.1884	0.492895	1.21127	1.21127	0.103024	0.612089	-1.63375	2.13841	2.5655	1.06642	1
cg03106717	CLIC4	0.148995	0.0731922	3.755	3.755	0.404855	1.75835	1.75835	0.987951	0.99005	-1.01005	0.0787717	3.64263	3.64263	0.469103	1.62861	1.62861	0.0782588	3.65249	3.65249	0.0279322	5.58439	5.58439	0.0664401	3.90803	3.90803	0.105312	3.22789	3.22789	2.1384	14.8507	6.1731	1
cg15349341	CRYBB3	0.149005	0.380002	0.788777	-1.26779	0.0198667	2.09757	2.09757	0.579197	1.15904	1.15904	0.649248	0.886352	-1.12822	0.687857	1.11228	1.11228	0.334745	1.29966	1.29966	0.0722646	1.69644	1.69644	0.874844	0.95932	-1.0424	0.136537	0.655331	-1.52595	2.13833	2.35097	0.97728	1
cg14861298	SDHA	0.149008	0.26526	1.35136	1.35136	0.0144394	2.18553	2.18553	0.784311	1.07375	1.07375	0.986582	1.00437	1.00437	0.488323	0.833108	-1.20032	0.442235	1.22534	1.22534	0.392665	1.25497	1.25497	0.0628513	1.72085	1.72085	0.0553823	1.75631	1.75631	2.13832	2.27805	0.946977	1
cg15431821	KIAA1024	0.149009	0.449129	0.878551	-1.13824	0.198394	1.25631	1.25631	0.481715	1.12755	1.12755	0.710813	1.06452	1.06452	0.742305	0.946116	-1.05695	0.358275	0.853348	-1.17185	0.0127043	0.594587	-1.68184	0.99874	0.999735	-1.00027	0.131547	1.31428	1.31428	2.13831	0.954413	0.396747	1
cg01047025	DMRT1	0.149009	0.664061	0.783745	-1.27593	0.00923145	6.31325	6.31325	0.772353	1.17557	1.17557	0.820575	0.88102	-1.13505	0.0352916	3.92363	3.92363	0.95528	0.969213	-1.03176	0.878216	1.08927	1.08927	0.225617	2.03315	2.03315	0.535564	1.41885	1.41885	2.1383	10.5302	4.37738	1
cg09347923	AGBL2	0.14901	0.136309	0.316778	-3.15678	0.993221	1.0061	1.0061	0.129766	0.309689	-3.22904	0.424921	0.557889	-1.79247	0.0173498	7.96562	7.96562	0.699293	0.757303	-1.32047	0.207308	0.385823	-2.59186	0.374815	0.520799	-1.92013	0.65584	0.725238	-1.37886	2.1383	17.3711	7.22115	1
cg22307230	COG6;COG6;COG6;COG6;COG6	0.149011	0.379152	1.39788	1.39788	0.389797	1.38703	1.38703	0.880636	0.945743	-1.05737	0.419796	1.358	1.358	0.480459	1.30508	1.30508	0.0579666	2.21593	2.21593	0.0184318	0.345967	-2.89045	0.855911	1.06981	1.06981	0.37489	0.713112	-1.4023	2.13829	4.66755	1.9403	1
cg06814616	GALNTL6	0.149012	0.230711	0.632791	-1.5803	0.0108	0.311796	-3.20723	0.156493	0.575997	-1.73612	0.277306	0.66284	-1.50866	0.0407972	0.423395	-2.36186	0.808863	0.915576	-1.09221	0.202044	0.612462	-1.63275	0.892084	1.05064	1.05064	0.216324	0.622796	-1.60566	2.13829	4.48609	1.86488	1
cg12068463	EP400	0.149012	0.560159	1.11726	1.11726	0.0326587	0.624684	-1.60081	0.360382	0.837794	-1.19361	0.730656	0.937027	-1.0672	0.0196623	0.588358	-1.69964	0.143265	0.74374	-1.34456	0.0733875	0.68677	-1.45609	0.514304	0.882962	-1.13255	0.607084	0.906985	-1.10255	2.13828	1.19972	0.498725	1
cg16035633	NOS3;NOS3;NOS3;NOS3	0.14902	0.0672553	0.412859	-2.42213	0.36364	0.668494	-1.4959	0.0384599	0.355422	-2.81356	0.444692	0.714548	-1.39949	0.0254476	0.318029	-3.14437	0.908847	0.951794	-1.05065	0.158628	0.522038	-1.91557	0.0534991	0.388282	-2.57545	0.647078	0.819675	-1.22	2.13823	6.3016	2.61965	1
cg01776298	CHP2	0.149021	0.304466	0.712224	-1.40405	0.0132786	2.66219	2.66219	0.471404	1.26336	1.26336	0.8138	1.0782	1.0782	0.238217	0.674201	-1.48324	0.616878	1.17463	1.17463	0.102993	1.76685	1.76685	0.395941	0.757741	-1.31971	0.844301	1.06476	1.06476	2.13822	3.44841	1.43355	1
cg00244920	RPL32P3;SNORA7B	0.149027	0.105452	0.441378	-2.26563	0.0779753	0.404306	-2.47337	0.420481	0.683485	-1.46309	0.889054	0.9375	-1.06667	0.0552486	0.366123	-2.73132	0.12739	0.466619	-2.14307	0.0633406	0.380792	-2.6261	0.199405	0.534239	-1.87182	0.0280603	0.301294	-3.31902	2.13819	7.23998	3.00981	1
cg00215432	MIR375	0.14903	0.101986	9.98483	9.98483	0.196089	5.79749	5.79749	0.316317	3.78795	3.78795	0.215689	5.33965	5.33965	0.0603968	15.2176	15.2176	0.105664	9.70136	9.70136	0.363209	3.32456	3.32456	0.0295895	26.9191	26.9191	0.0287172	27.5739	27.5739	2.13816	55.9657	23.2664	1
cg00171113	PRKCZ;PRKCZ;PRKCZ	0.149033	0.22026	0.629936	-1.58746	0.125544	0.551866	-1.81203	0.116928	0.542961	-1.84175	0.797551	0.91195	-1.09655	0.0103128	0.31383	-3.18643	0.119528	0.545697	-1.83252	0.985587	1.0065	1.0065	0.652051	0.849798	-1.17675	0.08577	0.506176	-1.9756	2.13814	4.35374	1.80998	1
cg10680511	PLCE1;PLCE1	0.149034	0.294316	0.600789	-1.66448	0.0188877	0.263949	-3.78862	0.769714	0.871527	-1.14741	0.0433179	2.97039	2.97039	0.54379	0.749882	-1.33354	0.634673	0.799136	-1.25135	0.6206	1.26331	1.26331	0.391573	1.50861	1.50861	0.910675	1.05398	1.05398	2.13814	7.43045	3.08906	1
cg20198948	UBTF;UBTF;UBTF	0.149035	0.18416	0.624659	-1.60087	0.287574	1.446	1.446	0.252447	1.49076	1.49076	0.280535	0.687524	-1.45449	0.0618018	0.495314	-2.01892	0.156521	0.60277	-1.65901	0.139019	0.587499	-1.70213	0.0955768	0.542521	-1.84325	0.593974	1.19688	1.19688	2.13813	3.77789	1.57059	1
cg15308062	C12orf39	0.149037	0.54488	1.07853	1.07853	0.305301	1.13992	1.13992	0.141914	1.21508	1.21508	0.0728051	0.781215	-1.28006	0.855516	0.977765	-1.02274	0.626514	0.941292	-1.06237	0.600086	0.936821	-1.06744	0.510334	0.920921	-1.08587	0.022177	1.40256	1.40256	2.13812	0.515384	0.214263	1
cg01596901	NTM	0.149037	0.57325	1.10161	1.10161	0.00556907	0.538405	-1.85734	0.418361	0.868829	-1.15097	0.598064	0.913513	-1.09468	0.374907	1.16749	1.16749	0.282399	0.827017	-1.20917	0.597459	0.913374	-1.09484	0.55787	0.904142	-1.10602	0.509179	1.1206	1.1206	2.13811	0.979021	0.407014	1
cg24145235	ELMOD1;ELMOD1	0.149043	0.708499	1.08044	1.08044	0.488891	0.865164	-1.15585	0.932221	0.982629	-1.01768	0.562995	0.886506	-1.12802	0.919848	1.02095	1.02095	0.12525	1.40753	1.40753	0.0149415	0.539821	-1.85246	0.0958184	1.45767	1.45767	0.642316	1.10115	1.10115	2.13808	1.43707	0.597449	1
cg26555777	SPRED3;SPRED3	0.149044	0.15112	0.714871	-1.39885	0.631285	0.899875	-1.11127	0.427539	0.837998	-1.19332	0.429615	1.19234	1.19234	0.784154	0.941854	-1.06174	0.0309103	1.73829	1.73829	0.0757308	1.53925	1.53925	0.1223	1.44104	1.44104	0.98432	1.0043	1.0043	2.13807	1.61195	0.67016	1
cg06690548	SLC7A11	0.149046	0.583785	1.33132	1.33132	0.740916	1.18723	1.18723	0.166661	0.466407	-2.14405	0.69982	1.22188	1.22188	0.0445942	0.303371	-3.29629	0.317795	1.70592	1.70592	0.545354	1.37241	1.37241	0.0588493	3.0153	3.0153	0.129295	2.3344	2.3344	2.13805	9.05916	3.76632	1
cg26025557	HIGD1A;HIGD1A;HIGD1A	0.149051	0.0440284	0.28131	-3.5548	0.0604517	0.313365	-3.19116	0.13898	0.417748	-2.39379	0.470546	0.668756	-1.49531	0.0242138	0.229311	-4.3609	0.110626	0.385651	-2.59302	0.302512	0.556879	-1.79572	0.669738	1.2651	1.2651	0.562657	0.725573	-1.37822	2.13802	10.1721	4.22906	1
cg16833518	LRPAP1	0.149062	0.169938	0.704203	-1.42005	0.599391	0.880594	-1.1356	0.914484	0.974559	-1.0261	0.226327	0.737291	-1.35632	0.00438017	0.401348	-2.4916	0.245693	0.747306	-1.33814	0.239922	0.744379	-1.3434	0.891116	1.0334	1.0334	0.475712	0.840303	-1.19005	2.13795	1.94878	0.810241	1
cg22207602	PAK1;PAK1	0.149062	0.21717	0.524179	-1.90775	0.289863	0.57898	-1.72718	0.0283848	0.276063	-3.62236	0.0284389	0.276226	-3.62022	0.948818	1.03245	1.03245	0.431655	0.670823	-1.49071	0.834672	1.10957	1.10957	0.060126	0.348234	-2.87163	0.689851	1.22085	1.22085	2.13795	8.37949	3.48392	1
cg08045488	MYEOV2;MYEOV2	0.149063	0.988092	1.01215	1.01215	0.268417	2.54065	2.54065	0.158961	3.37964	3.37964	0.413422	1.96668	1.96668	0.0491875	0.162654	-6.14804	0.873345	1.13774	1.13774	0.697426	1.37168	1.37168	0.946099	1.05621	1.05621	0.0276575	0.121723	-8.21537	2.13794	22.1544	9.21113	1
cg17282060	ARHGAP22	0.149064	0.306035	2.05452	2.05452	0.0327324	5.46014	5.46014	0.0707668	3.94244	3.94244	0.638928	1.37862	1.37862	0.0937453	0.285875	-3.49803	0.941758	0.951569	-1.0509	0.16651	2.72442	2.72442	0.776454	1.21339	1.21339	0.505566	0.631935	-1.58244	2.13793	15.6302	6.49857	1
cg22870429	TIGIT	0.149066	0.257313	0.587087	-1.70333	0.0467426	2.78921	2.78921	0.400245	1.47391	1.47391	0.899792	1.0584	1.0584	0.0394061	0.341798	-2.92571	0.180388	0.52685	-1.89807	0.224169	0.562559	-1.77759	0.805693	0.894911	-1.11743	0.829659	1.10193	1.10193	2.13792	6.87212	2.85725	1
cg22659267	LRPAP1	0.149068	0.60633	1.12995	1.12995	0.876601	1.0372	1.0372	0.545306	1.15473	1.15473	0.00985383	2.15248	2.15248	0.086597	1.56031	1.56031	0.408357	1.21988	1.21988	0.0430144	1.72853	1.72853	0.841282	0.953969	-1.04825	0.913607	0.974816	-1.02583	2.1379	1.87038	0.777661	1
cg17355042	ACADVL;ACADVL	0.149068	0.199722	1.62959	1.62959	0.079454	2.01721	2.01721	0.186604	1.6564	1.6564	0.710557	0.874272	-1.14381	0.198463	0.612716	-1.63208	0.29118	0.673809	-1.4841	0.0659778	2.1033	2.1033	0.130771	1.80067	1.80067	0.745056	0.889047	-1.1248	2.1379	4.39917	1.82907	1
cg26785617	C17orf108	0.149069	0.945218	0.988231	-1.01191	0.402435	0.862749	-1.15909	0.854103	0.968784	-1.03222	0.539656	1.11291	1.11291	0.826931	1.03845	1.03845	0.114936	0.744287	-1.34357	0.0137841	0.591847	-1.68963	0.530932	0.896414	-1.11556	0.0987694	1.36597	1.36597	2.13789	1.00504	0.417873	1
cg10553748	CHRNE;C17orf107	0.149071	0.109508	0.354798	-2.81851	0.388491	1.69021	1.69021	0.323652	1.83191	1.83191	0.305228	1.87852	1.87852	0.241002	2.07282	2.07282	0.179672	2.33101	2.33101	0.02437	4.91968	4.91968	0.102713	2.8872	2.8872	0.259247	2.01164	2.01164	2.13789	11.9409	4.96477	1
cg02271687	PIK3R1;PIK3R1;PIK3R1	0.149071	0.177963	0.518924	-1.92706	0.842346	0.912779	-1.09556	0.365485	0.653037	-1.53131	0.488123	0.724124	-1.38098	0.750123	1.15769	1.15769	0.378294	1.51326	1.51326	0.0252088	0.295289	-3.38651	0.12179	2.15688	2.15688	0.0975511	0.434676	-2.30056	2.13788	7.11132	2.95674	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08994763	C3orf21	0.149075	0.829384	0.930206	-1.07503	0.0408293	0.453166	-2.2067	0.0496223	0.471946	-2.11889	0.109729	0.557357	-1.79418	0.669905	1.15461	1.15461	0.80221	1.08779	1.08779	0.510481	1.25081	1.25081	0.670561	1.15425	1.15425	0.0639704	0.497588	-2.00969	2.13786	3.80555	1.58229	1
cg03855529	MTG1	0.149077	0.17194	0.782509	-1.27794	0.28349	0.828666	-1.20676	0.971975	1.00594	1.00594	0.255918	0.818711	-1.22143	0.300473	1.19837	1.19837	0.385892	0.860773	-1.16175	0.0178677	1.62504	1.62504	0.451614	0.878668	-1.13809	0.41128	1.15223	1.15223	2.13784	0.96316	0.40047	1
cg13389611	USP13	0.149081	0.103056	0.315748	-3.16708	0.0544511	4.09839	4.09839	0.247917	2.18335	2.18335	0.991357	0.993022	-1.00703	0.175871	0.39441	-2.53543	?	?	?	0.363755	0.54697	-1.82825	0.549275	1.47949	1.47949	0.181314	0.399575	-2.50266	2.15498	12.6776	5.88293	1
cg04146137	MTF1	0.149083	0.681311	1.31594	1.31594	0.19408	2.49299	2.49299	0.440853	1.68639	1.68639	0.0304517	5.42535	5.42535	0.463706	0.609031	-1.64195	0.346772	1.9044	1.9044	0.0220664	6.20465	6.20465	0.132462	2.94296	2.94296	0.137538	2.89602	2.89602	2.1378	14.9672	6.2233	1
cg10319942	MGLL;MGLL	0.149086	0.246301	0.464337	-2.15361	0.0363438	4.66257	4.66257	0.706294	1.27066	1.27066	0.850933	0.887777	-1.12641	0.0434212	0.230018	-4.34748	0.572604	0.697162	-1.43439	0.107438	0.329006	-3.03946	0.39962	0.579507	-1.72561	0.539397	0.67493	-1.48164	2.13778	13.5544	5.63593	1
cg20253807	TCERG1L	0.149099	0.743237	1.13417	1.13417	0.12439	0.528748	-1.89126	0.0432138	0.410349	-2.43695	0.436693	0.737931	-1.35514	0.0383324	0.398808	-2.50747	0.176191	0.576501	-1.7346	0.051157	0.427151	-2.34109	0.140541	0.544864	-1.83532	0.144977	0.54907	-1.82126	2.13769	4.96666	2.06522	1
cg12553336	PDZD4	0.149105	0.556629	1.32712	1.32712	0.189699	1.93715	1.93715	0.674774	1.22248	1.22248	0.22676	0.546572	-1.82958	0.0602344	0.364646	-2.74238	0.385877	1.52674	1.52674	0.0546246	0.354253	-2.82284	0.886228	0.934124	-1.07052	0.10635	0.431974	-2.31496	2.13765	7.67087	3.18974	1
cg13987700	COL5A1	0.149106	0.129102	0.405066	-2.46873	0.0540001	0.299603	-3.33775	0.126418	0.402073	-2.48711	?	?	?	0.09791	0.367687	-2.71971	0.561415	1.38206	1.38206	0.0426454	0.276353	-3.61856	0.439837	0.64783	-1.54361	0.166312	0.443385	-2.25538	2.1548	9.21154	4.27489	1
cg10855746	PRKCH	0.149108	0.0138671	0.328377	-3.04528	0.40033	1.37068	1.37068	0.407348	0.733138	-1.364	0.889981	1.052	1.052	0.0457686	0.432272	-2.31336	0.426314	1.34649	1.34649	0.773563	0.899734	-1.11144	0.805012	1.09482	1.09482	0.297306	0.673187	-1.48547	2.13763	4.54132	1.88841	1
cg02893604	PSMB11;PSMB11	0.149109	0.123485	0.452827	-2.20835	0.00914744	0.207635	-4.81614	0.586179	0.770268	-1.29825	0.518547	1.36449	1.36449	0.130373	0.46036	-2.17221	0.727277	1.18087	1.18087	0.134254	0.464496	-2.15287	0.688499	0.825837	-1.21089	0.382594	0.653653	-1.52986	2.13762	7.63355	3.17426	1
cg04879451	C1orf122;C1orf122;YRDC	0.14911	0.676399	1.0795	1.0795	0.42002	0.860573	-1.16202	0.472477	1.14246	1.14246	0.0412214	0.651026	-1.53604	0.448264	0.868618	-1.15125	0.0143142	0.576692	-1.73403	0.757205	0.945049	-1.05815	0.361119	1.18661	1.18661	0.858774	1.03299	1.03299	2.13762	1.12458	0.467634	1
cg25034557	PACS1	0.14911	0.307253	0.556313	-1.79755	0.685413	1.25352	1.25352	0.948553	0.964831	-1.03645	0.315707	0.562382	-1.77815	0.036665	0.260016	-3.84592	0.526278	0.700287	-1.42799	0.0186052	0.205358	-4.86954	0.092931	0.358571	-2.78885	0.105897	0.375346	-2.66421	2.13762	10.422	4.33379	1
cg27569887	RBMS3;RBMS3	0.149111	0.191256	0.487701	-2.05044	0.778669	0.863967	-1.15745	0.39369	0.635464	-1.57365	0.954581	0.970875	-1.03	0.0117599	0.195342	-5.11922	0.163708	0.462415	-2.16256	0.0679041	0.34606	-2.88967	0.629907	1.28655	1.28655	0.102666	0.395861	-2.52614	2.13761	9.11726	3.79126	1
cg08023852	MAGI1;MAGI1;MAGI1	0.149115	0.147111	0.685175	-1.45948	0.216328	0.728939	-1.37186	0.048088	0.577516	-1.73155	0.0227631	0.515624	-1.9394	0.0307129	0.539678	-1.85296	0.57687	0.871989	-1.1468	0.220721	0.731355	-1.36732	0.20103	0.720249	-1.38841	0.219921	0.730918	-1.36814	2.13758	1.99919	0.831338	1
cg17277248	ST6GAL2;ST6GAL2;ST6GAL2	0.149116	0.899066	0.956637	-1.04533	0.272005	1.491	1.491	0.107123	0.540944	-1.84862	0.250136	1.52171	1.52171	0.0471035	0.452147	-2.21167	0.125916	1.78337	1.78337	0.242587	1.53299	1.53299	0.311494	1.44165	1.44165	0.586765	1.21134	1.21134	2.13757	4.13162	1.71809	1
ch.15.507483F	FRMD5	0.149122	?	?	?	0.0130152	0.0740471	-13.5049	0.0519949	0.154488	-6.47301	?	?	?	0.597371	0.637438	-1.56878	0.661621	1.45072	1.45072	0.366921	0.457022	-2.18808	0.693916	0.715954	-1.39674	0.662931	0.690386	-1.44847	2.17571	19.1271	10.0471	1
cg23629496	LRRN4	0.149122	0.485595	1.14281	1.14281	0.0294755	1.62093	1.62093	0.92136	1.01878	1.01878	0.0266093	0.60954	-1.64058	0.501936	1.13699	1.13699	0.577248	1.11192	1.11192	0.32247	1.21233	1.21233	0.250457	1.25387	1.25387	0.635615	1.09409	1.09409	2.13753	1.20151	0.499646	1
cg04153882	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.149123	0.734496	1.22739	1.22739	0.949478	1.03888	1.03888	0.159097	0.404211	-2.47396	0.504017	0.664895	-1.504	0.00576196	0.113287	-8.82717	0.926577	0.946033	-1.05705	0.256698	0.49039	-2.03919	0.785099	1.17882	1.17882	0.153427	0.398501	-2.5094	2.13753	12.2646	5.10022	1
cg15547662	PAFAH2	0.149125	0.983488	0.995669	-1.00435	0.704897	1.08306	1.08306	0.963792	1.00957	1.00957	0.726558	1.07641	1.07641	0.192195	0.74864	-1.33576	0.22455	0.765253	-1.30676	0.0119912	0.518254	-1.92956	0.724235	0.928405	-1.07712	0.100843	1.45772	1.45772	2.13752	1.48892	0.619169	1
cg22686066	TAF4	0.149126	0.0852316	0.697575	-1.43354	0.751794	0.941714	-1.06189	0.95992	1.00956	1.00956	0.0554269	0.663044	-1.5082	0.505149	0.879866	-1.13654	0.104099	0.714393	-1.39979	0.0216863	0.593526	-1.68485	0.676822	0.923731	-1.08257	0.34648	1.2014	1.2014	2.13751	1.21271	0.504307	1
cg19763699	STAM	0.149126	0.923131	1.02875	1.02875	0.0216319	0.444828	-2.24806	0.0205016	0.440427	-2.27052	0.733795	0.904597	-1.10546	0.702403	0.893364	-1.11936	0.274667	1.39633	1.39633	0.781106	1.08526	1.08526	0.846066	0.944508	-1.05875	0.285666	0.722012	-1.38502	2.13751	2.92079	1.21462	1
cg17660703	KCNJ14;KCNJ14;KCNJ14	0.149127	0.963153	1.01675	1.01675	0.982533	1.0079	1.0079	0.930071	1.03206	1.03206	0.41594	1.34844	1.34844	0.0830416	0.501561	-1.99377	0.0506088	0.448917	-2.22758	0.028477	0.394727	-2.53339	0.285556	1.49003	1.49003	0.430106	0.748581	-1.33586	2.1375	4.37644	1.81996	1
cg00000109	FNDC3B;FNDC3B	0.149127	0.0818503	0.267547	-3.73766	0.0703287	0.250762	-3.98785	0.163491	0.361722	-2.76455	0.923693	0.93659	-1.0677	0.0107491	0.11174	-8.94931	0.380777	0.540789	-1.84915	0.873693	0.896926	-1.11492	0.763785	0.813766	-1.22885	0.128821	0.325519	-3.07202	2.1375	15.8283	6.58227	1
cg18941614	UBTF;UBTF;UBTF	0.149128	0.461336	0.777192	-1.28668	0.0317319	2.33094	2.33094	0.119852	1.76332	1.76332	0.220134	0.64834	-1.5424	0.331673	0.714167	-1.40023	0.881707	0.951183	-1.05132	0.46508	1.28389	1.28389	0.173544	1.62693	1.62693	0.1455	1.69104	1.69104	2.13749	3.8246	1.59048	1
cg10825471	STK32C	0.14913	0.3599	0.670618	-1.49116	0.657399	0.827402	-1.2086	0.913406	0.954877	-1.04726	0.371082	1.47675	1.47675	0.0413915	0.368425	-2.71426	0.265129	1.63714	1.63714	0.0303087	2.94723	2.94723	0.340241	1.51769	1.51769	0.745756	0.871015	-1.14809	2.13748	6.09939	2.53648	1
cg24811685	FCGBP	0.14913	0.0892551	0.448617	-2.22907	0.878062	0.936434	-1.06788	0.766557	0.880421	-1.13582	0.372199	0.675767	-1.4798	0.0197636	0.299961	-3.33376	0.138519	0.505521	-1.97816	0.0220783	0.309063	-3.23558	0.909828	1.04966	1.04966	0.606098	0.800512	-1.2492	2.13748	6.1945	2.57603	1
cg17583256	CLDN5;CLDN5	0.149136	0.970984	0.98574	-1.01447	0.0220515	0.338171	-2.95708	0.19883	0.585004	-1.70939	0.126071	1.9224	1.9224	0.953391	0.977184	-1.02335	0.523892	1.29053	1.29053	0.091891	2.08072	2.08072	0.842441	0.924424	-1.08175	0.606923	0.814719	-1.22742	2.13744	5.27819	2.19502	1
cg03238899	GALNT7	0.149137	0.714095	0.88118	-1.13484	0.0101506	3.04849	3.04849	0.0802498	1.94859	1.94859	0.277055	0.677985	-1.47496	0.709228	1.13743	1.13743	0.578832	0.82468	-1.21259	0.709668	1.13719	1.13719	0.806373	1.08809	1.08809	0.466006	0.774892	-1.2905	2.13743	4.00061	1.66372	1
cg10981580	GPR137B	0.149139	0.298283	0.848707	-1.17826	0.919352	0.984709	-1.01553	0.545006	1.09769	1.09769	0.968071	1.00611	1.00611	0.0603754	1.38022	1.38022	0.58138	0.91876	-1.08842	0.0156832	0.637226	-1.5693	0.222927	0.822953	-1.21514	0.876084	1.02403	1.02403	2.13742	0.78366	0.325901	1
cg19709355	RARA;RARA;RARA;RARA	0.14914	0.957946	0.963059	-1.03836	0.0065143	0.0801592	-12.4752	0.0437614	0.191198	-5.23019	0.663523	0.731645	-1.36678	0.847621	1.14719	1.14719	0.252053	0.425683	-2.34916	0.428467	0.561576	-1.7807	0.329264	0.487388	-2.05175	0.59132	0.679167	-1.47239	2.13741	17.2477	7.17282	1
cg13015284	NRXN2;NRXN2;NRXN2;NRXN2	0.149141	0.101773	0.387915	-2.57788	0.854855	0.907731	-1.10165	0.18067	2.12011	2.12011	0.443111	0.661398	-1.51195	0.118379	0.408083	-2.45048	0.726624	0.830636	-1.2039	0.0184603	0.220699	-4.53106	0.158178	0.450406	-2.22022	0.262595	0.53929	-1.85429	2.1374	9.4611	3.93462	1
cg26277709	C9orf3	0.149142	0.189164	0.693288	-1.4424	0.239277	1.38339	1.38339	0.259444	0.733586	-1.36317	0.343029	0.773175	-1.29337	0.500834	0.835321	-1.19714	0.459164	0.819972	-1.21955	0.47924	1.20855	1.20855	0.018506	0.471309	-2.12175	0.193733	1.43638	1.43638	2.1374	2.34762	0.976314	1
cg09917026	GNPTG	0.149149	0.877994	1.09847	1.09847	0.0731568	3.39314	3.39314	0.0152931	6.17551	6.17551	0.333846	1.83934	1.83934	0.593134	0.71912	-1.39059	0.692243	1.27536	1.27536	0.162837	2.48634	2.48634	0.192787	2.32265	2.32265	0.296462	0.515904	-1.93834	2.13735	12.6529	5.26215	1
cg20934323	RGPD1;RGPD2	0.149152	0.824598	0.898355	-1.11315	0.332729	0.617231	-1.62014	0.0511808	0.342224	-2.92206	0.0276018	0.284262	-3.51788	0.0183832	0.251225	-3.9805	0.414509	0.668455	-1.49599	0.782054	0.874664	-1.1433	0.767487	1.15393	1.15393	0.659447	0.807229	-1.23881	2.13733	7.89333	3.28274	1
cg24431586	RBMS1;RBMS1	0.149152	0.927316	1.02159	1.02159	0.772698	0.934441	-1.07016	0.0137798	0.490267	-2.0397	0.515446	0.856929	-1.16696	0.0735117	1.59545	1.59545	0.278849	1.30162	1.30162	0.682648	0.908244	-1.10103	0.95076	1.01456	1.01456	0.322227	1.2705	1.2705	2.13733	1.85545	0.771661	1
cg10979181	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;MIR490;CHRM2	0.149154	0.185721	1.3962	1.3962	0.0670866	0.613753	-1.62932	0.164949	0.703039	-1.4224	0.339907	1.26358	1.26358	0.366621	1.24684	1.24684	0.0889489	1.56241	1.56241	0.149606	1.44408	1.44408	0.501226	0.850127	-1.1763	0.688696	1.10053	1.10053	2.13732	1.91509	0.796468	1
cg00045439	AIMP1;TBCK;AIMP1;TBCK;AIMP1;TBCK;TBCK	0.149155	0.912861	1.03038	1.03038	0.0656152	1.7592	1.7592	0.0106894	2.4042	2.4042	0.212335	1.43208	1.43208	0.884107	0.960909	-1.04068	0.262391	1.3764	1.3764	0.906561	1.03262	1.03262	0.418301	1.25371	1.25371	0.0654302	1.76005	1.76005	2.13731	2.52998	1.0522	1
cg13419692	PHF19	0.149159	0.316712	0.481043	-2.07881	0.0593915	0.222109	-4.50229	0.119673	0.303091	-3.29933	0.234877	0.414672	-2.41155	0.0406832	0.188113	-5.31595	0.104344	0.285005	-3.50872	0.0247483	0.151079	-6.61907	0.82437	0.854581	-1.17016	0.16548	0.351409	-2.84569	2.13728	16.9195	7.03676	1
cg14834436	MNAT1	0.14916	0.852863	1.06761	1.06761	0.011337	3.05638	3.05638	0.0261813	2.53341	2.53341	0.2467	1.53243	1.53243	0.204562	1.60279	1.60279	0.286626	1.47686	1.47686	0.85977	0.939588	-1.0643	0.263932	1.50734	1.50734	0.496181	1.27568	1.27568	2.13727	4.20325	1.74812	1
cg17002138	TMEM48;TMEM48;TMEM48;TMEM48;TMEM48	0.149164	0.0658904	3.20497	3.20497	0.595828	1.34602	1.34602	0.902249	0.934152	-1.07049	0.0343847	4.06207	4.06207	0.0194869	5.02001	5.02001	0.674894	1.2637	1.2637	0.387578	1.63683	1.63683	0.129701	2.50519	2.50519	0.128964	2.51045	2.51045	2.24744	10.707	3.70541	1
cg03916227	HECTD1	0.149166	0.789982	1.03149	1.03149	0.187897	1.17597	1.17597	0.618304	0.943323	-1.06008	0.32533	1.12521	1.12521	0.538301	1.07506	1.07506	0.410775	1.10263	1.10263	0.0783282	0.796787	-1.25504	0.243725	1.1522	1.1522	0.0172076	1.40097	1.40097	2.13724	0.456701	0.189945	1
cg15333932	MYO10	0.149168	0.151023	0.451258	-2.21603	0.0102489	0.187614	-5.3301	0.0768792	0.361566	-2.76575	0.957275	1.02809	1.02809	0.0951633	0.387463	-2.58089	0.920958	0.949973	-1.05266	0.21531	0.509455	-1.96288	0.276918	0.557247	-1.79454	0.992667	0.995259	-1.00476	2.13722	9.05063	3.76423	1
cg21890025	C7orf50;C7orf50;C7orf50	0.149173	0.423094	0.855787	-1.16851	0.114762	1.38604	1.38604	0.0546363	1.51426	1.51426	0.0655279	0.674745	-1.48204	0.25355	1.25477	1.25477	0.944544	1.01333	1.01333	0.803349	0.95362	-1.04864	0.919062	1.01953	1.01953	0.114493	1.38643	1.38643	2.13719	1.22624	0.51001	1
cg14258595	IRAK4;IRAK4;IRAK4;IRAK4;IRAK4	0.149173	0.941756	1.04137	1.04137	0.482268	1.48616	1.48616	0.18753	0.460762	-2.17032	0.837951	1.12031	1.12031	0.0108531	0.169551	-5.89792	0.928079	1.05136	1.05136	0.0848848	0.347481	-2.87785	0.614731	1.32519	1.32519	0.204044	0.475387	-2.10355	2.13718	10.4173	4.33272	1
cg05697785	SYNPO2L	0.149173	0.291293	0.780876	-1.28061	0.899191	1.02904	1.02904	0.468393	1.18133	1.18133	0.0398158	0.584626	-1.7105	0.0112067	0.487817	-2.04995	0.696766	0.915345	-1.09248	0.458521	0.843249	-1.18589	0.856671	1.04168	1.04168	0.234611	0.754725	-1.32499	2.13718	1.72684	0.718221	1
cg15489693	CLNK	0.149175	0.0437362	0.455039	-2.19761	0.638242	0.851423	-1.1745	0.918849	0.965978	-1.03522	0.46127	0.775106	-1.29015	0.204847	0.634839	-1.5752	0.0597571	0.486007	-2.05758	0.0270737	0.411128	-2.43233	0.078883	0.515427	-1.94014	0.101981	0.54446	-1.83668	2.13718	3.90483	1.62409	1
cg04496895	SVIL	0.149175	0.400697	0.695572	-1.43766	0.952478	1.02547	1.02547	0.20411	0.568026	-1.76048	0.50172	0.749956	-1.33341	0.0094456	0.249524	-4.00764	0.826834	0.911686	-1.09687	0.329069	0.65371	-1.52973	0.584082	0.791915	-1.26276	0.0236176	0.31965	-3.12842	2.13717	6.02817	2.50723	1
cg04124526	FAM171A2	0.149176	0.0769242	0.448882	-2.22776	0.154074	0.537222	-1.86143	0.485956	0.749538	-1.33416	0.868383	0.934693	-1.06987	0.0063461	0.235293	-4.25002	0.162746	0.545091	-1.83456	0.243182	0.608167	-1.64429	0.741076	0.87369	-1.14457	0.308114	0.650781	-1.53662	2.13717	5.61282	2.33448	1
cg16433012	LOC100129637	0.149176	0.428078	1.35146	1.35146	0.0575481	2.22444	2.22444	0.0203668	2.83142	2.83142	0.292226	1.50199	1.50199	0.936827	0.970923	-1.02995	0.785026	0.903226	-1.10714	0.756856	0.890823	-1.12256	0.739581	0.883219	-1.13222	0.0432394	2.37641	2.37641	2.13716	4.69042	1.95084	1
cg11512009	THRA;THRA	0.149179	0.634599	1.28901	1.28901	0.0794606	2.80741	2.80741	0.0604807	3.07243	3.07243	0.0220713	4.28726	4.28726	0.681548	1.24456	1.24456	0.475007	0.680309	-1.46992	0.335421	0.590542	-1.69336	0.607393	0.75972	-1.31627	0.624729	1.29877	1.29877	2.13715	9.51694	3.95832	1
cg17186844	NAA50	0.149182	0.348697	1.1884	1.1884	0.175783	0.772943	-1.29376	0.0373222	0.648965	-1.54092	0.191891	1.28038	1.28038	0.443995	0.869688	-1.14984	0.58448	0.905924	-1.10385	0.279325	1.2229	1.2229	0.137357	1.33147	1.33147	0.374965	0.849661	-1.17694	2.13713	1.08342	0.450622	1
cg22598841	LRIG2	0.149183	0.794656	0.949909	-1.05273	0.0437163	0.633316	-1.57899	0.40412	0.84519	-1.18317	0.341594	1.21297	1.21297	0.806974	1.04941	1.04941	0.249826	0.789033	-1.26737	0.842236	0.961499	-1.04004	0.0418155	0.62988	-1.5876	0.108626	1.4117	1.4117	2.13712	1.31387	0.546474	1
cg01587682	PAX6;PAX6;PAX6	0.149184	0.184319	3.05169	3.05169	0.0205916	9.11224	9.11224	0.0823505	4.59349	4.59349	0.703633	1.35367	1.35367	0.0885801	4.4301	4.4301	0.0703641	4.96537	4.96537	0.0683021	5.03882	5.03882	0.152505	3.36745	3.36745	0.366761	2.08467	2.08467	2.13711	21.246	8.83683	1
cg05595692	HK2	0.149186	0.100806	0.409843	-2.43996	0.525865	0.726873	-1.37576	0.422138	0.66568	-1.50222	0.809382	0.886975	-1.12743	0.0311269	0.284929	-3.50965	0.0990187	0.407554	-2.45366	0.773325	0.866471	-1.15411	0.0353259	0.2963	-3.37496	0.0438535	0.316741	-3.15716	2.1371	8.33677	3.46754	1
cg07256442	SLC39A7;RXRB;SLC39A7	0.149187	0.133547	0.753332	-1.32744	0.182309	0.78055	-1.28115	0.723384	0.939692	-1.06418	0.772767	1.05198	1.05198	0.0815258	0.713242	-1.40205	0.0713613	1.42261	1.42261	0.656499	0.924641	-1.0815	0.0969096	1.37566	1.37566	0.653388	1.08233	1.08233	2.13709	1.03697	0.431309	1
cg04190784	C20orf199;SNORD12C;C20orf199;ZNFX1;C20orf199	0.14919	0.614772	0.834865	-1.1978	0.310707	0.688625	-1.45217	0.757998	0.895906	-1.11619	0.704657	0.87333	-1.14504	0.348628	0.709504	-1.40943	0.014325	0.341637	-2.92708	0.168482	1.68526	1.68526	0.121897	1.81548	1.81548	0.519753	0.792874	-1.26123	2.13707	4.28155	1.78086	1
cg06799422	MGA;MGA	0.149196	0.12561	21.2761	21.2761	0.14153	18.4159	18.4159	0.260019	8.62646	8.62646	0.461051	3.93998	3.93998	0.177188	0.0714837	-13.9892	0.705695	1.99735	1.99735	0.0459538	70.7247	70.7247	0.0440169	74.4706	74.4706	0.145206	17.851	17.851	2.24719	115.688	40.0408	1
cg16562445	PHF1;PHF1;PHF1	0.149204	0.909646	0.984376	-1.01587	0.523521	1.09382	1.09382	0.119677	1.26391	1.26391	0.0133271	1.53005	1.53005	0.270982	1.17231	1.17231	0.0721168	1.32106	1.32106	0.0432188	1.38069	1.38069	0.663608	1.06258	1.06258	0.611171	1.07371	1.07371	2.13698	0.65122	0.270879	1
cg21984645	FAM20C	0.149204	0.485622	0.90611	-1.10362	0.283418	1.16775	1.16775	0.243742	0.843903	-1.18497	0.213996	0.833547	-1.19969	0.383447	0.883058	-1.13243	0.812231	1.03367	1.03367	0.0614937	0.745926	-1.34062	0.116072	0.78847	-1.26828	0.0190934	0.673858	-1.48399	2.13697	0.655359	0.272601	1
cg08320879	KIAA1239	0.149207	0.219262	0.773745	-1.29241	0.882658	0.971101	-1.02976	0.636644	0.909846	-1.09909	0.857042	0.964831	-1.03645	0.106783	1.41852	1.41852	0.0371945	0.618621	-1.6165	0.0835059	1.4628	1.4628	0.246093	1.27233	1.27233	0.611824	1.10695	1.10695	2.13695	1.33422	0.554982	1
cg25387487	ADAM19	0.149208	0.150679	0.407959	-2.45122	0.151734	0.409037	-2.44477	0.512872	1.47152	1.47152	0.235459	0.484927	-2.06216	0.0659654	0.300969	-3.3226	0.497587	0.669757	-1.49308	0.0166041	0.18217	-5.48937	0.438165	0.631082	-1.58458	0.0828214	0.326911	-3.05894	2.13695	11.4672	4.76992	1
cg17522727	SLC25A22	0.14921	0.687079	0.722997	-1.38313	0.0410928	6.60476	6.60476	0.135254	3.63139	3.63139	0.307404	2.33097	2.33097	0.2332	0.36744	-2.72153	0.642292	0.687514	-1.45452	0.0524588	0.170959	-5.84936	0.651082	1.44003	1.44003	0.855387	0.864051	-1.15734	2.13693	21.7126	9.03166	1
cg05582470	FNBP1	0.14921	0.356606	1.59519	1.59519	0.0633764	0.35762	-2.79627	0.0150139	0.229356	-4.36003	0.981674	0.988751	-1.01138	0.348635	1.6084	1.6084	0.204725	0.517316	-1.93305	0.665414	1.23899	1.23899	0.862054	0.917906	-1.08944	0.84092	1.10405	1.10405	2.13693	8.21013	3.41513	1
cg17534945	ENPP1	0.149215	0.23008	0.815465	-1.22629	0.822822	1.037	1.037	0.227121	0.8143	-1.22805	0.580468	1.09466	1.09466	0.502088	0.895509	-1.11668	0.0247811	1.54179	1.54179	0.195869	1.24806	1.24806	0.673814	1.07099	1.07099	0.0744734	1.37981	1.37981	2.1369	0.888267	0.369494	1
cg19379522	C20orf117	0.149216	0.0683321	0.763669	-1.30947	0.504958	1.09349	1.09349	0.0664395	1.3125	1.3125	0.487174	0.910956	-1.09775	0.564513	1.07999	1.07999	0.0573099	0.752709	-1.32853	0.281573	0.862568	-1.15933	0.832655	0.972434	-1.02835	0.366624	1.13035	1.13035	2.13689	0.590665	0.2457	1
cg02634641	CLCNKB	0.149217	0.426287	0.737576	-1.35579	0.243461	1.5798	1.5798	0.0557559	0.443915	-2.25268	0.989655	1.00487	1.00487	0.0915994	0.498554	-2.0058	0.231061	0.624548	-1.60116	0.0721075	0.471347	-2.12158	0.180943	1.70274	1.70274	0.979792	0.990554	-1.00954	2.13689	4.7516	1.97654	1
cg26433838	TRIM59	0.149226	0.0559085	8.10504	8.10504	0.638386	1.57989	1.57989	0.15125	4.41878	4.41878	0.0715687	6.98684	6.98684	0.55	0.557462	-1.79385	0.500089	1.93744	1.93744	0.30397	2.79729	2.79729	0.018126	16.0008	16.0008	0.148334	4.47303	4.47303	2.13682	31.593	13.1423	1
cg26850807	ZFPM1	0.149233	0.938385	0.979247	-1.02119	0.885859	1.03973	1.03973	0.399607	1.26353	1.26353	0.622664	0.874117	-1.14401	0.00567642	0.373726	-2.67576	0.611426	0.870247	-1.1491	0.336016	0.76407	-1.30878	0.39777	1.26473	1.26473	0.446696	1.23416	1.23416	2.13678	2.49014	1.03588	1
cg23854009	ZNF530	0.149237	0.933806	1.02825	1.02825	0.328424	1.40261	1.40261	0.981392	1.00785	1.00785	0.203587	1.56847	1.56847	0.0512422	0.474946	-2.1055	0.156813	0.601737	-1.66185	0.0700271	0.506912	-1.97273	0.868547	0.945957	-1.05713	0.0825803	0.52473	-1.90574	2.13675	3.80717	1.58379	1
cg15416363	SPEM1	0.149238	0.556037	1.27944	1.27944	0.401798	1.42634	1.42634	0.348106	1.49149	1.49149	0.329524	0.659392	-1.51655	0.0509081	0.39839	-2.5101	0.0480676	0.392556	-2.5474	0.103578	2.089	2.089	0.981157	0.990274	-1.00982	0.68492	0.844663	-1.1839	2.13674	5.79563	2.41099	1
cg17713715	B3GAT3	0.149239	0.606916	0.879009	-1.13764	0.887645	1.03575	1.03575	0.386615	0.802085	-1.24675	0.00819805	0.431454	-2.31774	0.813348	0.942918	-1.06054	0.0905893	0.629174	-1.58939	0.193974	1.40707	1.40707	0.979099	1.00653	1.00653	0.737345	0.91976	-1.08724	2.13674	2.08978	0.869353	1
cg13707025	KCNK10;KCNK10	0.149239	0.516684	1.17325	1.17325	0.365023	0.797569	-1.25381	0.511355	1.17571	1.17571	0.0431529	1.7601	1.7601	0.797473	0.939421	-1.06449	0.0170467	2.02757	2.02757	0.948998	0.984575	-1.01567	0.286012	0.763942	-1.309	0.388485	1.23959	1.23959	2.13674	1.99848	0.831376	1
cg17484154	AK5;AK5;AK5	0.149241	0.33473	0.821444	-1.21737	0.488602	1.14924	1.14924	0.674797	0.919954	-1.08701	0.0149831	0.553582	-1.80642	0.854235	1.03703	1.03703	0.595964	1.1116	1.1116	0.187599	1.31799	1.31799	0.221792	1.28903	1.28903	0.204768	1.30285	1.30285	2.13672	1.32285	0.550314	1
cg11139044	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.149243	0.0600164	0.187742	-5.32646	0.790596	0.810732	-1.23345	0.0869834	4.43764	4.43764	0.260029	0.396029	-2.52507	0.107026	0.249795	-4.00328	0.168374	0.314348	-3.18119	0.81781	0.833668	-1.19952	0.608567	0.665492	-1.50265	0.0595799	0.187071	-5.34555	2.13671	21.0342	8.7504	1
cg26513180	FANCA;FANCA	0.149244	0.390249	2.58502	2.58502	0.78853	1.33514	1.33514	0.18382	0.216687	-4.61495	0.0513297	0.0876992	-11.4026	0.385136	2.6133	2.6133	0.0283384	0.0574865	-17.3954	?	?	?	0.851451	1.22326	1.22326	0.844543	1.23496	1.23496	2.26284	36.0229	13.9294	1
cg20650683	TRRAP	0.149244	0.163258	0.812876	-1.2302	0.36425	0.878266	-1.13861	0.129861	0.796283	-1.25584	0.834428	0.971279	-1.02957	0.131257	0.797043	-1.25464	0.0753648	1.31737	1.31737	0.0887713	1.29871	1.29871	0.504721	0.910062	-1.09883	0.460336	0.900639	-1.11032	2.1367	0.655952	0.272882	1
cg18836122	BTC	0.149247	0.112511	0.409954	-2.4393	0.579973	0.749377	-1.33444	0.0637184	0.341022	-2.93236	0.50867	1.41346	1.41346	0.0851176	0.374365	-2.67119	0.081102	0.368563	-2.71324	0.0347298	0.280708	-3.56242	0.401296	0.641863	-1.55797	0.129622	0.429518	-2.32819	2.13668	9.01438	3.7501	1
cg05421550	UBXN6;UBXN6	0.149251	0.329594	1.18399	1.18399	0.574745	1.09983	1.09983	0.215547	1.24459	1.24459	0.0887903	1.3704	1.3704	0.853362	0.96942	-1.03155	0.816966	0.961831	-1.03968	0.021816	1.5873	1.5873	0.0389997	1.49344	1.49344	0.0905815	1.36751	1.36751	2.13665	0.953486	0.396668	1
cg17733594	SIPA1L2	0.149258	0.0621883	0.708564	-1.41131	0.446217	1.13588	1.13588	0.470743	0.886567	-1.12795	0.700666	0.938584	-1.06544	0.234808	0.815185	-1.22672	0.959023	0.991604	-1.00847	0.0150883	1.6324	1.6324	0.689674	0.936261	-1.06808	0.890598	0.97767	-1.02284	2.1366	0.911146	0.379063	1
cg20521685	C17orf48;SCO1	0.149263	0.670908	0.932829	-1.07201	0.0306205	1.51169	1.51169	0.612644	1.08661	1.08661	0.117314	0.758241	-1.31884	0.279041	0.832686	-1.20093	0.0746316	0.723915	-1.38138	0.593878	1.09151	1.09151	0.451391	0.882646	-1.13296	0.470953	1.12672	1.12672	2.13658	0.895615	0.372607	1
cg11514288	HTR2A;HTR2A	0.149269	0.181788	0.396248	-2.52367	0.522315	1.52732	1.52732	0.920139	1.06769	1.06769	0.203615	0.416283	-2.40221	0.11431	0.325684	-3.07046	0.431736	0.5921	-1.6889	0.0174338	0.151015	-6.62188	0.110083	0.320633	-3.11883	0.0755642	0.274728	-3.63997	2.13653	14.4342	6.00526	1
cg12597276	SRFBP1	0.14927	0.766877	0.906281	-1.10341	0.241852	1.50002	1.50002	0.577407	0.830016	-1.2048	0.95415	1.01921	1.01921	0.00642899	0.309367	-3.23241	0.883054	0.952447	-1.04993	0.119003	0.571175	-1.75078	0.380055	0.742267	-1.34722	0.997986	0.999165	-1.00084	2.13653	3.7073	1.5424	1
cg07731211	LOC344595;LOC344595	0.14927	0.402356	0.832768	-1.20082	0.187335	1.34769	1.34769	0.40139	0.83244	-1.20129	0.974643	0.993236	-1.00681	0.0584482	0.633472	-1.5786	0.295396	0.793188	-1.26074	0.232161	1.30677	1.30677	0.0445163	1.63664	1.63664	0.655915	0.908686	-1.10049	2.13653	1.54278	0.641863	1
cg16569664	HMGB2;HMGB2;HMGB2	0.14927	0.651157	0.822247	-1.21618	0.0583447	2.50878	2.50878	0.089579	2.23613	2.23613	0.152886	1.93137	1.93137	0.512743	0.751683	-1.33035	0.144494	1.96201	1.96201	0.785199	0.88917	-1.12464	0.450039	1.39228	1.39228	0.098724	0.45912	-2.17808	2.13653	6.25584	2.6027	1
cg11099006	NPB	0.149273	0.838042	1.31597	1.31597	0.222206	5.5906	5.5906	0.139139	8.4619	8.4619	0.0611608	16.9553	16.9553	0.959326	0.933868	-1.07082	0.280429	4.50502	4.50502	0.312342	4.06371	4.06371	0.0138477	59.1633	59.1633	0.0562875	18.1708	18.1708	2.1365	60.9012	25.3379	1
cg03936251	ANKRD55	0.149274	0.660958	0.876131	-1.14138	0.732276	0.902226	-1.10837	0.304635	1.3751	1.3751	0.918253	1.03124	1.03124	0.0083651	0.364384	-2.74436	0.991069	1.00336	1.00336	0.301722	0.725721	-1.37794	0.165822	1.55708	1.55708	0.387159	0.766749	-1.30421	2.1365	3.03779	1.26387	1
cg25663823	LRRK1	0.149279	0.159705	0.422783	-2.36528	0.171321	0.43407	-2.30378	0.059364	0.295354	-3.38577	0.364434	0.586248	-1.70576	0.0449609	0.267543	-3.73771	0.0279874	0.225915	-4.42645	0.238505	0.49292	-2.02873	0.0517512	0.281272	-3.55528	0.664933	0.779041	-1.28363	2.13646	11.1094	4.62214	1
cg07832143	HRNBP3	0.14928	0.704228	0.76636	-1.30487	0.0837186	3.80173	3.80173	0.875972	1.11514	1.11514	0.989061	1.00961	1.00961	0.0512527	0.212523	-4.70537	0.223083	2.44298	2.44298	0.040487	0.191883	-5.2115	0.746496	1.25396	1.25396	0.55996	0.66282	-1.5087	2.13646	16.4717	6.85316	1
cg08978350	TLL2	0.14928	0.820746	0.952425	-1.04995	0.350229	1.22938	1.22938	0.335327	1.23786	1.23786	0.697807	0.919612	-1.08741	0.423859	1.19176	1.19176	0.654563	0.907804	-1.10156	0.00793429	0.481348	-2.0775	0.240054	1.3024	1.3024	0.643029	0.904619	-1.10544	2.13646	1.56086	0.649407	1
cg22321559	SYAP1;SYAP1	0.149281	0.280789	0.86169	-1.16051	0.942347	0.990442	-1.00965	0.502365	0.913569	-1.09461	0.869462	1.02208	1.02208	0.0161546	1.47812	1.47812	0.369292	0.884763	-1.13025	0.58757	1.07542	1.07542	0.215721	0.841127	-1.18888	0.107189	1.26301	1.26301	2.13645	0.596604	0.248222	1
cg20734982	MIR129-1	0.149284	0.922324	1.01975	1.01975	0.958225	0.989553	-1.01056	0.256916	0.788819	-1.26772	0.471561	1.15814	1.15814	0.0910663	0.688563	-1.4523	0.199922	1.31189	1.31189	0.0143948	1.83082	1.83082	0.967704	0.991916	-1.00815	0.773058	0.94368	-1.05968	2.13643	1.35996	0.565827	1
cg25765325	CYCS	0.149284	0.404373	0.718502	-1.39178	0.0993498	2.01363	2.01363	0.0951765	2.03484	2.03484	0.159733	0.558724	-1.78979	0.540309	0.78647	-1.2715	0.97108	1.01415	1.01415	0.108457	0.507403	-1.97082	0.614166	1.2177	1.2177	0.110936	1.95991	1.95991	2.13643	5.0798	2.11351	1
cg14864578	MCC;MCC	0.149285	0.814583	1.11176	1.11176	0.787737	0.885413	-1.12942	0.995661	0.997551	-1.00246	0.025014	3.32839	3.32839	0.571331	1.29431	1.29431	0.986308	1.00777	1.00777	0.175695	1.91424	1.91424	0.0474853	2.77976	2.77976	0.112871	0.459227	-2.17757	2.13642	6.881	2.86294	1
cg07439791	LITAF;LITAF;LITAF;LITAF	0.149289	0.526346	1.12169	1.12169	0.35561	0.843688	-1.18527	0.429324	1.15525	1.15525	0.0732066	0.699506	-1.42958	0.477833	0.878897	-1.13779	0.0553648	0.678089	-1.47473	0.695317	1.07294	1.07294	0.0882514	1.39999	1.39999	0.254426	1.23722	1.23722	2.1364	1.08262	0.450446	1
cg20497704	RNF165	0.14929	0.576899	0.753124	-1.3278	0.0174281	4.28897	4.28897	0.509034	1.40069	1.40069	0.986795	0.99171	-1.00836	0.139571	0.449448	-2.22495	0.97018	0.981372	-1.01898	0.68968	1.22372	1.22372	0.150707	0.460817	-2.17006	0.170127	0.479528	-2.08539	2.13639	8.56161	3.56224	1
cg19906093	C2orf88;C2orf88;C2orf88;C2orf88;C2orf88;C2orf88	0.149294	0.557227	1.06205	1.06205	0.182008	0.866182	-1.15449	0.147812	0.8543	-1.17055	0.287434	0.894032	-1.11853	0.487846	0.931017	-1.07409	0.0390939	1.27401	1.27401	0.748954	0.967963	-1.0331	?	?	?	0.156655	1.16608	1.16608	2.15349	0.311807	0.144791	1
cg12045715	C19orf22	0.149297	0.409392	0.825614	-1.21122	0.99011	0.997189	-1.00282	0.464171	1.18437	1.18437	0.531068	0.865792	-1.15501	0.00414078	0.417649	-2.39436	0.181246	0.724432	-1.38039	0.675098	0.908693	-1.10048	0.993454	0.998139	-1.00186	0.540283	0.868654	-1.15121	2.13634	1.74539	0.726223	1
cg26385256	FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1	0.149298	0.0108164	0.0313397	-31.9084	0.0572605	0.101598	-9.84273	0.118068	0.166557	-6.00395	0.362296	0.375114	-2.66586	0.249042	0.282262	-3.54281	0.353552	0.367985	-2.7175	?	?	?	0.906979	0.885235	-1.12964	0.811545	0.779463	-1.28293	2.26242	33.9046	13.1127	1
cg02217815	FOXRED2;FOXRED2	0.1493	0.510134	0.793588	-1.2601	0.226251	1.55224	1.55224	0.978387	1.00942	1.00942	0.200882	0.626582	-1.59596	0.0461065	0.453455	-2.20529	0.314956	0.69797	-1.43273	0.11681	0.554536	-1.80331	0.207518	1.58396	1.58396	0.0853368	0.51778	-1.93132	2.13632	4.05167	1.68583	1
cg16810343	SRRM3	0.149302	0.0927471	0.434446	-2.30178	0.102194	0.446583	-2.23922	0.0509102	0.367041	-2.72449	0.309603	0.622579	-1.60622	0.283952	0.605509	-1.6515	0.622103	1.25095	1.25095	0.0211208	0.286578	-3.48945	0.788707	1.12869	1.12869	0.283436	0.605157	-1.65246	2.13631	6.8726	2.8596	1
cg12988850	TAF9;TAF9;TAF9;TAF9	0.149305	0.248941	0.671439	-1.48934	0.0260346	0.417652	-2.39434	0.0322434	0.436517	-2.29086	0.674449	1.14986	1.14986	0.663764	1.15555	1.15555	0.567003	1.21078	1.21078	0.239558	1.50242	1.50242	0.931946	0.972163	-1.02863	0.865809	1.0575	1.0575	2.13629	3.69659	1.53812	1
cg12934430	FAM90A20	0.149306	0.0324678	0.403161	-2.4804	0.152464	0.573415	-1.74394	0.0998815	0.519819	-1.92375	0.121087	0.543374	-1.84035	0.0230595	0.373019	-2.68083	0.411601	0.737385	-1.35614	0.375883	0.719098	-1.39063	0.503516	0.781655	-1.27934	0.0668008	0.474408	-2.10789	2.13628	4.4549	1.85365	1
cg02958527	LOC389493;LOC389493	0.149312	0.350751	2.10019	2.10019	0.0465476	5.8191	5.8191	0.148639	3.30978	3.30978	0.942015	1.05781	1.05781	0.326464	0.457163	-2.18741	0.285483	2.35627	2.35627	0.563939	0.637191	-1.56939	0.0605789	5.12798	5.12798	0.0525708	5.48914	5.48914	2.13624	20.1958	8.40345	1
cg06103677	SEPT2;SEPT2;SEPT2;HDLBP;SEPT2	0.149313	0.988063	1.00627	1.00627	0.0505439	2.53586	2.53586	0.0612736	2.41232	2.41232	0.603123	1.24488	1.24488	0.994869	1.00269	1.00269	0.296787	0.63653	-1.57102	0.144009	0.519202	-1.92603	0.659653	1.2033	1.2033	0.0746268	2.29173	2.29173	2.13623	5.89983	2.45493	1
cg16020410	UAP1	0.149313	0.738122	0.94521	-1.05797	0.84931	1.03246	1.03246	0.293468	1.20082	1.20082	0.356075	0.85265	-1.17281	0.0668691	0.70823	-1.41197	0.188104	1.26391	1.26391	0.126462	1.31998	1.31998	0.0633718	1.41992	1.41992	0.332448	0.845438	-1.18282	2.13623	0.954084	0.396995	1
cg03020271	PLIN3;PLIN3;PLIN3	0.149317	0.0699987	0.800187	-1.24971	0.318483	0.892751	-1.12013	0.630503	1.05478	1.05478	0.508984	0.928935	-1.0765	0.0223896	1.3513	1.3513	?	?	?	0.4972	0.926963	-1.07879	0.454931	0.919667	-1.08735	0.442032	0.917362	-1.09008	2.15333	0.367016	0.170441	1
cg09204302	MTSS1L	0.149318	0.0463888	2.07018	2.07018	0.0826156	1.84608	1.84608	0.921538	0.969069	-1.03192	0.431726	1.29163	1.29163	0.62727	1.16889	1.16889	0.234782	1.4876	1.4876	0.148585	1.63905	1.63905	0.0172514	2.52233	2.52233	0.0942083	1.79819	1.79819	2.1362	3.44096	1.43181	1
cg24491122	HEG1	0.149321	0.643777	1.07497	1.07497	0.154351	1.26706	1.26706	0.0923977	1.33314	1.33314	0.367639	1.1545	1.1545	0.55215	1.09787	1.09787	0.675124	0.936655	-1.06763	0.892313	1.02125	1.02125	0.744465	1.05209	1.05209	0.00549841	1.76234	1.76234	2.13618	0.815398	0.339297	1
cg27133230	RBPJL	0.149327	0.98838	1.00295	1.00295	0.957019	0.98917	-1.01095	0.21738	1.29977	1.29977	0.509408	0.873531	-1.14478	0.052994	1.55933	1.55933	0.410303	1.18543	1.18543	0.0107744	1.91022	1.91022	0.379229	1.19991	1.19991	0.563892	0.888816	-1.12509	2.13614	1.38088	0.574611	1
cg17423071	CTNNA3;CTNNA3	0.14933	0.588619	1.16262	1.16262	0.0138147	2.31567	2.31567	0.0285699	2.03981	2.03981	0.90749	0.968431	-1.0326	0.295381	0.741234	-1.3491	0.755045	1.0902	1.0902	0.993481	1.00226	1.00226	0.863474	0.953617	-1.04864	0.834158	0.943787	-1.05956	2.13612	2.57615	1.072	1
cg19244751	FAM165B	0.14933	0.310295	0.876531	-1.14086	0.0193462	1.42623	1.42623	0.634389	1.06198	1.06198	0.63924	0.942457	-1.06106	0.576835	0.931683	-1.07333	0.187475	0.839161	-1.19167	0.131284	0.815048	-1.22692	0.352077	0.886737	-1.12773	0.325866	1.1358	1.1358	2.13612	0.533066	0.221822	1
cg13403615	LMAN1	0.149334	0.145989	0.606673	-1.64833	0.100792	1.77804	1.77804	0.0903107	1.81784	1.81784	0.158893	0.617458	-1.61954	0.857147	0.943938	-1.05939	0.968653	0.987496	-1.01266	0.205245	0.65185	-1.53409	0.692678	1.13564	1.13564	0.103874	0.565856	-1.76724	2.13609	3.46855	1.44336	1
cg12583927	SLC16A9	0.149334	0.534007	1.10009	1.10009	0.320033	1.16838	1.16838	0.43594	1.12792	1.12792	0.35083	1.15653	1.15653	0.0931494	0.75599	-1.32277	0.162301	0.797763	-1.2535	0.65343	1.07084	1.07084	0.0824076	1.33826	1.33826	0.051494	1.39895	1.39895	2.13609	0.775931	0.322888	1
cg23652866	ATL3	0.149335	0.482013	1.11705	1.11705	0.459474	0.889852	-1.12378	0.0390592	0.685445	-1.45891	0.385176	1.14809	1.14809	0.627292	1.07863	1.07863	0.0445812	1.43939	1.43939	0.222663	0.819114	-1.22083	0.668802	1.06882	1.06882	0.283393	0.840944	-1.18914	2.24613	0.831487	0.287922	1
cg13331550	SEMA6C	0.149339	0.0886297	0.372188	-2.68682	0.324384	0.585361	-1.70835	0.827074	1.12201	1.12201	0.33949	0.595693	-1.67872	0.382887	0.624468	-1.60136	0.674943	1.24849	1.24849	0.0193747	0.225872	-4.42728	0.0271465	0.252551	-3.95959	0.29578	0.565252	-1.76912	2.13606	9.367	3.89794	1
cg03561565	KCNS2	0.14934	0.0782107	3.71465	3.71465	0.586919	0.69217	-1.44473	0.700693	0.771793	-1.29568	0.472774	1.63195	1.63195	0.369768	0.53915	-1.85477	0.0943131	3.43339	3.43339	0.0778306	0.268655	-3.72225	0.0796753	3.68586	3.68586	0.912695	1.07633	1.07633	2.13605	15.2173	6.3325	1
cg23606055	ZFAND3	0.14934	0.252474	1.19156	1.19156	0.2897	0.851185	-1.17483	0.771195	0.958147	-1.04368	0.183862	1.22963	1.22963	0.209556	1.21398	1.21398	0.583516	1.08457	1.08457	0.0299075	0.687586	-1.45436	0.186341	0.814314	-1.22803	0.332226	1.15797	1.15797	2.13605	0.727246	0.302634	1
cg04996020	SLC26A3	0.149341	0.177708	0.440504	-2.27013	0.684615	1.2633	1.2633	0.0436586	0.265146	-3.77151	0.0578357	0.293018	-3.41276	0.0161269	0.18544	-5.39258	0.37005	0.590447	-1.69363	0.297407	0.538859	-1.85577	0.307635	0.546378	-1.83023	0.412955	0.619351	-1.61459	2.13604	11.0829	4.612	1
cg25700848	TXNDC5;TXNDC5	0.149341	0.563431	1.1377	1.1377	0.0328992	0.576311	-1.73517	0.186845	0.734161	-1.3621	0.373902	0.817429	-1.22335	0.0231503	0.54899	-1.82153	0.140207	0.704343	-1.41976	0.324744	0.798835	-1.25182	0.632153	1.1124	1.1124	0.809421	1.05481	1.05481	2.13604	1.65024	0.686729	1
ch.11.939596F	CRY2;CRY2	0.149345	0.217697	1.93315	1.93315	0.00722533	5.82391	5.82391	0.105269	2.45869	2.45869	0.526772	0.721819	-1.38539	0.898602	1.06695	1.06695	0.587502	0.756995	-1.32101	0.25882	1.81999	1.81999	0.513673	1.40027	1.40027	0.584722	1.32381	1.32381	2.13601	8.74033	3.63724	1
cg19960899	TSPAN18	0.149346	0.580441	1.10888	1.10888	0.0378302	0.640293	-1.56178	0.0481785	0.658348	-1.51895	0.517339	0.885574	-1.12921	0.769577	1.05588	1.05588	0.629795	1.09408	1.09408	0.086488	1.41986	1.41986	0.275436	0.810551	-1.23373	0.717073	0.934851	-1.06969	2.13601	1.15933	0.482448	1
cg05408521	KRTAP10-3;KRTAP10-3;C21orf29	0.149348	0.737764	0.831534	-1.2026	0.300657	1.80184	1.80184	0.383696	0.612385	-1.63296	0.3	0.554511	-1.80339	0.0480192	0.289137	-3.45857	0.333408	0.578241	-1.72938	0.0751832	0.336971	-2.96762	0.0230192	0.224785	-4.44869	0.805835	1.14477	1.14477	2.13599	10.1966	4.24331	1
cg14066471	RAB37	0.149351	0.71105	1.23348	1.23348	0.0159028	5.28694	5.28694	0.260112	1.9395	1.9395	0.752439	0.836566	-1.19536	0.0775768	0.330784	-3.02312	0.596013	1.35219	1.35219	0.53352	0.700733	-1.42708	0.889393	1.08163	1.08163	0.252718	0.509807	-1.96153	2.13597	10.7584	4.47715	1
cg25925896	RAB11B	0.149354	0.110463	0.419787	-2.38216	0.220255	0.525613	-1.90254	0.12493	0.436532	-2.29078	0.575183	0.753846	-1.32653	0.0269428	0.270507	-3.69676	0.0163169	0.230984	-4.32931	0.905096	1.06133	1.06133	0.765863	0.861543	-1.16071	0.491034	0.705343	-1.41775	2.13595	8.42451	3.50591	1
cg23877512	LOC100329109	0.149355	0.809141	1.03942	1.03942	0.276983	0.834733	-1.19799	0.768311	0.953901	-1.04833	0.859316	0.972053	-1.02875	0.441599	1.13356	1.13356	0.554616	1.10019	1.10019	0.00470934	1.82215	1.82215	0.881307	0.976412	-1.02416	0.37036	1.15832	1.15832	2.13594	0.86348	0.359344	1
cg26799881	SLITRK1	0.149357	0.798929	0.956591	-1.04538	0.230503	1.24446	1.24446	0.0379356	1.51954	1.51954	0.306054	1.20231	1.20231	0.0657374	1.43193	1.43193	0.0375823	1.52108	1.52108	0.604799	0.913231	-1.09501	0.547177	0.899501	-1.11173	0.759215	0.947952	-1.05491	2.13593	1.02255	0.425544	1
cg07891473	ADAMTS9	0.149359	0.79597	0.886232	-1.12837	0.393118	1.50344	1.50344	0.478591	0.714785	-1.39902	0.11914	0.454606	-2.19971	0.350369	0.638881	-1.56524	0.369792	1.53619	1.53619	0.0447089	0.341588	-2.9275	0.0590584	2.70087	2.70087	0.356333	0.642618	-1.55613	2.13592	7.34938	3.05854	1
cg09686443	CCDC37	0.149359	0.0342251	20.2671	20.2671	0.51992	0.451845	-2.21315	0.619538	0.543576	-1.83967	0.429501	0.37448	-2.67037	0.315744	0.282711	-3.53718	0.360721	0.318429	-3.14042	0.82142	0.759311	-1.31698	0.829025	1.30134	1.30134	0.0271617	24.1604	24.1604	2.13592	50.177	20.8818	1
cg21838013	CRTAM	0.149362	0.760604	0.94573	-1.05738	0.235258	0.796816	-1.255	0.154239	0.756943	-1.3211	0.765492	1.05614	1.05614	0.587308	0.904786	-1.10523	0.515643	1.1279	1.1279	0.00832595	1.85106	1.85106	0.933704	1.01531	1.01531	0.759538	0.945486	-1.05766	2.1359	1.12774	0.469327	1
cg21687840	KCNJ5	0.149364	0.0690855	0.348146	-2.87236	0.36899	0.619638	-1.61385	0.0772532	0.360968	-2.77033	0.302857	0.57486	-1.73955	0.0114932	0.193972	-5.15538	0.225413	0.516632	-1.93561	0.16397	0.462812	-2.16071	0.083647	0.370404	-2.69976	0.356239	0.61126	-1.63596	2.13589	9.10245	3.78816	1
cg14469826	ABCC8	0.149365	0.0323779	0.357948	-2.7937	0.121656	0.502519	-1.98997	0.0960955	0.472638	-2.11579	0.276165	0.628427	-1.59127	0.0217228	0.323067	-3.09533	0.369699	0.685373	-1.45906	0.280033	0.630957	-1.58489	0.0788748	0.449222	-2.22607	0.171456	0.550419	-1.8168	2.13588	5.68899	2.36759	1
cg20256260	MATN4;RBPJL;MATN4;MATN4	0.149367	0.224628	0.571388	-1.75012	0.286046	1.62605	1.62605	0.886199	1.06485	1.06485	0.838867	1.09345	1.09345	0.0862024	0.435253	-2.29751	0.0312688	0.329956	-3.0307	0.259077	1.67639	1.67639	0.0997073	0.453092	-2.20706	0.53483	0.758964	-1.31759	2.13586	6.51298	2.71053	1
cg18790852	LMTK2	0.149372	0.409405	1.87925	1.87925	0.0909229	4.02501	4.02501	0.0571321	0.200015	-4.99964	0.464629	1.74458	1.74458	0.191477	0.355552	-2.81253	0.503506	0.601906	-1.66139	0.0505462	0.188955	-5.29226	0.904427	0.914095	-1.09398	0.610862	0.681317	-1.46774	2.13583	18.9141	7.87164	1
cg22672625	GJA9	0.149372	0.564047	0.71347	-1.4016	0.148046	0.407239	-2.45556	0.144435	0.403488	-2.47839	0.0461164	3.75473	3.75473	0.151555	0.410838	-2.43405	0.678016	0.785286	-1.27342	0.718241	0.810773	-1.23339	0.118395	2.66835	2.66835	0.535371	1.4382	1.4382	2.13583	11.3375	4.71844	1
cg18642361	DAB1;MIR548D2	0.149376	0.0838613	0.459195	-2.17772	0.136136	0.520304	-1.92195	0.0568782	0.416135	-2.40307	0.374387	1.4491	1.4491	0.0450434	0.392318	-2.54895	0.497706	0.755721	-1.32324	0.219447	0.591332	-1.6911	0.087299	0.463925	-2.15552	0.89342	1.05605	1.05605	2.1358	5.59888	2.33017	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09936566	NUF2;NUF2	0.149377	0.101047	0.760645	-1.31467	0.937442	1.01203	1.01203	0.0298229	0.677406	-1.47622	0.610566	0.924735	-1.08139	0.981112	1.00361	1.00361	0.0272009	0.671495	-1.48921	0.757286	0.95387	-1.04836	0.296589	0.847997	-1.17925	0.266567	1.19286	1.19286	2.13579	0.785139	0.326764	1
cg18369034	PTGDR	0.149379	0.0782918	0.313461	-3.19018	0.166224	0.416624	-2.40024	0.347687	0.56357	-1.7744	0.176354	0.426343	-2.34553	0.0257449	0.207883	-4.81039	0.992498	0.994439	-1.00559	0.039537	0.243637	-4.10446	0.139735	0.389664	-2.56631	0.0928418	0.333971	-2.99427	2.13578	11.8985	4.95201	1
cg11356290	AZI2;AZI2;AZI2	0.149379	0.987118	0.996817	-1.00319	0.70509	0.927661	-1.07798	0.236836	1.27732	1.27732	0.850757	1.0379	1.0379	0.097247	1.43249	1.43249	0.0509923	1.55114	1.55114	0.0378515	0.621547	-1.60889	0.460091	0.861974	-1.16013	0.627667	1.10133	1.10133	2.13578	1.31926	0.549063	1
cg26620747	GTF3C1	0.14938	0.79914	0.889314	-1.12446	0.0243253	3.43768	3.43768	0.299372	1.64018	1.64018	0.442324	1.43389	1.43389	0.0503641	0.358377	-2.79036	0.910735	0.949714	-1.05295	0.775059	0.876508	-1.14089	0.135146	2.09793	2.09793	0.537084	1.33313	1.33313	2.13577	7.15912	2.97956	1
cg20036706	EBF3	0.14938	0.196348	0.415415	-2.40723	0.00699712	0.106165	-9.41932	0.0892824	0.299741	-3.33621	0.681339	0.766822	-1.30408	0.332726	0.525962	-1.90128	0.256935	0.46728	-2.14004	0.0806196	0.287662	-3.4763	0.228878	0.443976	-2.25237	0.394692	0.570889	-1.75165	2.13577	13.9863	5.82098	1
cg12057368	SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1	0.149381	0.0637017	0.669587	-1.49346	0.18357	0.762256	-1.3119	0.0903245	0.698293	-1.43206	0.606993	1.10498	1.10498	0.0336143	0.620311	-1.61209	0.201888	0.771605	-1.296	0.70603	0.929683	-1.07564	0.319887	1.21868	1.21868	0.193083	0.767194	-1.30345	2.13577	1.25229	0.521192	1
cg05133205	PPT2;PPT2	0.149386	0.398985	1.35055	1.35055	0.0414924	2.2663	2.2663	0.0811402	1.95999	1.95999	0.0192549	2.67878	2.67878	0.736323	0.889037	-1.12481	0.388064	1.36053	1.36053	0.470296	1.29126	1.29126	0.504861	1.26554	1.26554	0.0632332	2.069	2.069	2.13574	4.09677	1.70507	1
cg01121603	SNED1	0.149387	0.895339	1.04979	1.04979	0.0631954	0.462379	-2.16273	0.0595054	0.456037	-2.19281	0.764768	0.895136	-1.11715	0.699689	0.866678	-1.15383	0.117327	1.87379	1.87379	0.0896025	0.501144	-1.99544	0.504416	1.28412	1.28412	0.364949	1.41009	1.41009	2.13573	4.60961	1.91852	1
cg06116488	OPTN;OPTN;OPTN;OPTN	0.149389	0.818331	1.04016	1.04016	0.53575	0.898237	-1.11329	0.0255343	1.57482	1.57482	0.486812	1.12853	1.12853	0.115263	1.34051	1.34051	0.11234	0.743902	-1.34426	0.304265	0.833531	-1.19972	0.273419	1.21539	1.21539	0.611317	0.916027	-1.09167	2.13571	0.990694	0.412329	1
cg06977068	KREMEN1;KREMEN1	0.14939	0.141988	0.674912	-1.48168	0.749077	0.923191	-1.0832	0.733124	0.918297	-1.08897	0.0186965	0.491762	-2.0335	0.860067	0.957007	-1.04492	0.212103	1.38726	1.38726	?	?	?	?	?	?	0.173724	0.697373	-1.43395	2.17378	1.66072	0.87312	1
cg23998903	C2orf80	0.149399	0.137015	0.487876	-2.0497	0.350072	0.649873	-1.53876	0.530732	0.752363	-1.32915	0.408225	0.684528	-1.46086	0.0131953	0.252419	-3.96167	0.170096	0.519593	-1.92458	0.0515214	0.370419	-2.69965	0.0466428	0.360308	-2.7754	0.528673	0.751262	-1.33109	2.13565	6.79063	2.82636	1
cg15492820	SYT7	0.149401	0.0807184	0.662465	-1.50951	0.0311396	0.584044	-1.7122	0.154938	0.723525	-1.38212	0.77303	0.940371	-1.06341	0.919816	1.02164	1.02164	0.690526	0.918437	-1.08881	0.0312399	0.584293	-1.71147	0.270422	0.783517	-1.2763	0.40351	1.1993	1.1993	2.13563	1.5288	0.636315	1
cg01030321	ACTN4	0.149404	0.317508	1.27657	1.27657	0.0352218	1.78535	1.78535	0.39449	1.22887	1.22887	0.726666	0.920413	-1.08647	0.0509697	1.69106	1.69106	0.175757	1.40523	1.40523	0.0191141	1.95459	1.95459	0.695315	1.09748	1.09748	0.696396	1.09709	1.09709	2.13561	1.8888	0.786161	1
cg11176889	FKBP9;FKBP9	0.149408	0.0745717	0.744658	-1.3429	0.93325	0.987643	-1.01251	0.601633	0.924799	-1.08132	0.905736	0.982571	-1.01774	0.490871	0.90135	-1.10945	0.0179676	0.652625	-1.53227	0.0902552	0.757984	-1.31929	0.353325	0.867841	-1.15228	0.172224	1.24068	1.24068	2.13559	0.745111	0.310136	1
cg02092514	TBCD	0.149408	0.137424	0.662157	-1.51022	0.774121	0.928535	-1.07697	0.143186	0.666694	-1.49994	0.0867354	0.614158	-1.62825	0.037505	0.536887	-1.86259	0.611121	0.87622	-1.14127	0.141464	1.50296	1.50296	0.694885	1.10692	1.10692	0.167126	0.684202	-1.46156	2.13558	2.24587	0.934794	1
cg18320737	CDK18;CDK18;CDK18	0.149411	0.942052	1.026	1.026	0.280852	0.673197	-1.48545	0.0226681	0.381661	-2.62013	0.793823	0.91168	-1.09688	0.0851989	0.510761	-1.95786	0.395128	1.35997	1.35997	0.288889	1.47502	1.47502	0.0739873	0.495094	-2.01982	0.658411	0.854638	-1.17009	2.13556	4.21547	1.75461	1
cg21073020	SMOC2;SMOC2	0.149414	0.876646	0.883013	-1.13249	0.554449	1.61431	1.61431	0.832249	1.18518	1.18518	0.647829	1.44536	1.44536	0.633484	1.46927	1.46927	0.00380152	0.0438677	-22.7958	0.778146	1.25387	1.25387	0.582204	0.640792	-1.56057	0.58846	0.645618	-1.5489	2.13554	21.698	9.03149	1
cg08041245	TTN;TTN;TTN;MIR548N;TTN	0.149422	0.486549	0.624	-1.60256	0.135462	0.341854	-2.92523	0.195095	0.400848	-2.49471	0.577148	0.686785	-1.45606	0.0408327	0.20704	-4.82998	0.871627	1.11391	1.11391	0.50528	0.637032	-1.56978	0.0493245	0.223896	-4.46636	0.0183839	0.148336	-6.74143	2.13549	15.0498	6.26443	1
cg14480463	INTS1	0.149423	0.0748318	0.646185	-1.54754	0.0823675	0.654772	-1.52725	0.496957	0.859181	-1.1639	0.359177	1.23058	1.23058	0.238779	0.76222	-1.31196	0.0538846	1.61874	1.61874	0.3643	0.814518	-1.22772	0.538747	1.14679	1.14679	0.522523	0.867076	-1.1533	2.13548	1.63799	0.681808	1
cg20051589	DLG3	0.149423	0.306293	0.682634	-1.46491	0.00787236	0.292587	-3.41779	0.345771	0.704684	-1.41908	0.549996	1.2436	1.2436	0.208432	0.620008	-1.61288	0.315364	0.687825	-1.45386	0.434109	1.33335	1.33335	0.761266	0.895977	-1.1161	0.451757	1.31831	1.31831	2.13548	4.39452	1.82921	1
cg07031872	SLC24A4	0.149426	0.143385	0.620081	-1.61269	0.334833	0.739126	-1.35295	0.0120897	0.386375	-2.58816	0.190507	0.656175	-1.52398	0.907011	1.03615	1.03615	0.17156	0.642506	-1.55641	0.0875406	0.563705	-1.77398	0.0612854	0.526836	-1.89812	0.526706	0.822879	-1.21525	2.13546	3.12405	1.30039	1
cg26861485	LOC730101;LOC730101	0.149428	0.0628684	0.442591	-2.25942	0.323861	0.672434	-1.48714	0.48836	0.760194	-1.31545	0.18084	0.574995	-1.73914	0.103669	0.50001	-1.99996	0.220353	0.60539	-1.65183	0.0112768	0.290481	-3.44257	0.0720429	0.457461	-2.18598	0.293356	0.654062	-1.52891	2.13545	5.13063	2.13565	1
cg00832457	BICD1;BICD1	0.14943	0.0490033	0.28288	-3.53507	0.55229	0.713337	-1.40186	0.961513	0.973254	-1.02748	0.198566	0.466114	-2.1454	0.0218762	0.213216	-4.69009	0.357277	0.587484	-1.70217	0.042638	0.269476	-3.71091	0.306608	0.551751	-1.81241	0.0803483	0.336279	-2.97372	2.13544	10.6753	4.44366	1
cg19593680	SORCS2	0.149431	0.0685237	0.182598	-5.4765	0.120856	0.245911	-4.0665	0.0777297	0.194976	-5.12884	0.704317	0.72764	-1.37431	0.0287708	0.116415	-8.58993	0.280899	0.392731	-2.54627	0.0337992	0.126591	-7.89944	0.148257	0.274379	-3.64459	0.381175	0.472823	-2.11496	2.13543	23.5189	9.78994	1
cg09319671	NUDT7;NUDT7	0.149435	0.0302526	0.499077	-2.0037	0.237266	0.713353	-1.40183	0.848154	0.949049	-1.05369	0.413575	1.25612	1.25612	0.162788	1.50151	1.50151	0.134195	0.643635	-1.55368	0.111119	0.622823	-1.60559	0.173604	0.673706	-1.48433	0.686669	0.895271	-1.11698	2.1354	2.51703	1.04775	1
cg07666195	PIGQ;PIGQ	0.149438	0.0876863	0.690441	-1.44835	0.278084	1.24812	1.24812	0.252285	0.790572	-1.26491	0.586844	1.11385	1.11385	0.177003	1.32576	1.32576	0.619145	0.906224	-1.10348	0.28313	1.24501	1.24501	0.0688406	1.49204	1.49204	0.107492	1.41227	1.41227	2.13538	1.30597	0.543633	1
cg05856015	ZNF721;ABCA11P	0.149439	0.598815	0.829556	-1.20546	0.27213	1.49534	1.49534	0.161134	1.69349	1.69349	0.0395762	2.31132	2.31132	0.850714	0.935833	-1.06857	0.503417	0.787404	-1.27	0.102412	0.533072	-1.87592	0.125669	0.558044	-1.79197	0.558526	1.23152	1.23152	2.13537	4.19001	1.74417	1
cg05031455	ABR;ABR;ABR	0.14944	0.517577	1.22959	1.22959	0.741088	0.900813	-1.11011	0.00525038	0.313569	-3.1891	0.581958	1.19144	1.19144	0.653356	1.15306	1.15306	0.224549	0.669043	-1.49467	0.762931	1.09999	1.09999	0.582574	1.19109	1.19109	0.671391	0.87421	-1.14389	2.13537	3.35644	1.39718	1
cg16746631	IMPA1;IMPA1;IMPA1	0.149442	0.617037	1.10281	1.10281	0.037671	1.59676	1.59676	0.0654681	1.4938	1.4938	0.327024	0.821682	-1.21702	0.988274	1.00286	1.00286	0.877035	1.03051	1.03051	0.048565	0.645748	-1.54859	0.849516	1.03756	1.03756	0.904121	1.02367	1.02367	2.13535	1.27419	0.530412	1
cg10287786	DSCAML1	0.149443	0.804305	1.17326	1.17326	0.85508	1.12487	1.12487	0.101624	0.315543	-3.16914	0.473698	1.59838	1.59838	0.555818	1.46736	1.46736	0.702633	1.28002	1.28002	0.00839968	8.73026	8.73026	0.546712	0.675332	-1.48075	0.295483	2.01022	2.01022	2.13535	14.009	5.8316	1
cg23409608	PVT1	0.149444	0.0822295	0.589528	-1.69627	0.597651	1.15741	1.15741	0.312455	0.750678	-1.33213	0.825139	0.941074	-1.06262	0.0111853	0.417863	-2.39313	0.561855	1.17466	1.17466	0.29395	1.34822	1.34822	0.626577	0.874084	-1.14406	0.327209	0.757597	-1.31996	2.13534	2.54768	1.06054	1
cg16317318	CDC42EP2	0.149449	0.0506168	0.379563	-2.63461	0.953152	0.974772	-1.02588	0.951548	1.02678	1.02678	0.6091	0.799073	-1.25145	0.0311463	0.332854	-3.00432	0.205427	0.559343	-1.78781	0.0228868	0.306061	-3.26733	0.152054	0.513079	-1.94902	0.475091	0.729147	-1.37147	2.1353	6.39658	2.66278	1
cg15618533	OBSCN;OBSCN	0.14945	0.765203	1.11212	1.11212	0.765601	0.899351	-1.11191	0.251445	0.653689	-1.52978	0.529858	1.25333	1.25333	0.00602918	0.280008	-3.57133	0.696531	0.870174	-1.1492	0.498781	1.27588	1.27588	0.757899	1.11594	1.11594	0.182345	0.605212	-1.65231	2.1353	4.25736	1.77227	1
cg02633729	DNM3;DNM3	0.14945	0.657962	1.1482	1.1482	0.181078	1.55333	1.55333	0.0653786	0.52649	-1.89937	0.0723816	0.536946	-1.86239	0.966799	0.987174	-1.01299	0.349454	1.34814	1.34814	0.0672397	1.8891	1.8891	0.460658	1.26233	1.26233	0.61053	1.1727	1.1727	2.13529	3.25315	1.35423	1
cg16782396	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.149452	0.397273	0.875987	-1.14157	0.676049	1.0663	1.0663	0.0363985	0.689668	-1.44997	0.290111	0.845595	-1.1826	0.0472401	0.706947	-1.41453	0.277868	1.18812	1.18812	0.188085	1.23746	1.23746	0.709635	1.0588	1.0588	0.432012	0.884709	-1.13031	2.13528	0.789103	0.328493	1
cg13422164	LOC389765	0.149453	0.0862668	0.494412	-2.0226	0.463339	1.31973	1.31973	0.130435	1.83502	1.83502	0.653961	0.845612	-1.18258	0.0290235	0.384258	-2.60242	0.66588	0.850899	-1.17523	0.206193	0.609227	-1.64142	0.21833	0.618024	-1.61806	0.231695	0.627376	-1.59394	2.13528	4.67122	1.94457	1
cg03014241	SOCS1	0.149453	0.608811	1.35522	1.35522	0.0322528	4.37834	4.37834	0.396517	1.66742	1.66742	0.159607	2.42296	2.42296	0.598921	0.731589	-1.36689	0.307407	1.863	1.863	0.13486	2.58374	2.58374	0.016756	5.58043	5.58043	0.185704	2.28493	2.28493	2.13528	11.7272	4.88186	1
cg17675301	NOTUM	0.149453	0.889524	1.0451	1.0451	0.574697	1.19714	1.19714	0.126786	0.592062	-1.68901	0.183982	1.56408	1.56408	0.076483	0.53505	-1.86898	0.059236	1.96582	1.96582	0.137817	0.602212	-1.66054	0.631409	1.16579	1.16579	0.953289	0.981581	-1.01876	2.13528	3.40612	1.41792	1
cg26810970	CAMTA1	0.149455	0.525068	0.862841	-1.15896	0.136193	1.44454	1.44454	0.133709	0.690389	-1.44846	0.0182217	0.518632	-1.92815	0.691223	0.912607	-1.09576	0.518839	1.16161	1.16161	0.103675	0.665229	-1.50324	0.410192	0.824551	-1.21278	0.724792	0.922224	-1.08434	2.13527	1.77439	0.738662	1
cg22248286	AGAP1;AGAP1	0.149457	0.671604	0.764842	-1.30746	0.0432152	4.31477	4.31477	0.400715	1.71732	1.71732	0.86312	1.11459	1.11459	0.0880095	3.26613	3.26613	0.0376673	4.55271	4.55271	0.80648	0.857017	-1.16684	0.0403493	4.43196	4.43196	0.554634	1.45603	1.45603	2.13525	13.3655	5.56398	1
cg14107644	TMEM229A;TMEM229A	0.149461	0.0444481	1.53172	1.53172	0.25427	1.24597	1.24597	0.844493	0.964372	-1.03694	0.456088	1.15053	1.15053	0.298213	1.22043	1.22043	0.109846	1.37985	1.37985	0.549992	0.894285	-1.11821	0.047822	0.658363	-1.51892	0.871063	0.970438	-1.03046	2.13522	1.15406	0.480432	1
cg24724503	RLF	0.149463	0.94247	1.0084	1.0084	0.0160555	1.40717	1.40717	0.207537	1.16656	1.16656	0.608247	1.06176	1.06176	0.395337	1.10617	1.10617	0.889704	1.01621	1.01621	0.0746054	0.794355	-1.25888	0.36395	1.11421	1.11421	0.171206	1.18398	1.18398	2.13521	0.454386	0.189161	1
cg13255208	XRCC3;XRCC3;XRCC3;KLC1;KLC1	0.149463	0.79831	0.864454	-1.1568	0.00450386	8.61675	8.61675	0.415908	1.60478	1.60478	0.380479	1.66815	1.66815	0.864751	0.90758	-1.10183	0.687743	1.25838	1.25838	0.606066	0.743858	-1.34434	0.242766	2.0044	2.0044	0.645302	0.768246	-1.30167	2.13521	10.942	4.55515	1
ch.1.4603470R	PCNXL2	0.149465	0.106307	0.546373	-1.83025	0.0194596	0.379812	-2.63288	0.0567479	0.477562	-2.09397	0.482408	0.782954	-1.27721	0.0549203	0.474245	-2.10861	0.0962191	0.534709	-1.87018	0.147607	0.587149	-1.70314	0.318357	0.702252	-1.42399	0.559602	0.816932	-1.22409	2.1352	3.97207	1.65359	1
cg12569206	ASNA1	0.149465	0.0684968	0.59072	-1.69285	0.982604	1.00564	1.00564	0.668088	1.11778	1.11778	0.133275	1.51899	1.51899	0.0388616	0.539386	-1.85396	0.0838799	0.610333	-1.63845	0.843181	1.05245	1.05245	0.277595	0.747178	-1.33837	0.898288	1.03356	1.03356	2.1352	2.25312	0.937979	1
cg19408619	SALL4	0.149467	0.917307	1.01942	1.01942	0.125096	0.735362	-1.35987	0.0301572	0.623711	-1.60331	0.804012	0.955005	-1.04711	0.0822169	0.700119	-1.42833	0.142416	0.746795	-1.33905	0.0464882	0.655593	-1.52534	0.592909	1.10508	1.10508	0.187872	0.772287	-1.29485	2.13518	1.15936	0.48265	1
cg17124387	CBX4	0.149468	0.716409	1.18408	1.18408	0.0600817	0.374442	-2.67064	0.0627238	0.379111	-2.63775	0.605385	1.27302	1.27302	0.34337	1.57159	1.57159	0.158033	0.497065	-2.01181	0.275959	0.591629	-1.69025	0.397594	0.669543	-1.49356	0.129448	2.13561	2.13561	2.13517	7.25381	3.01982	1
cg07843262	BAT4;BAT4;CSNK2B	0.14947	0.311991	1.13748	1.13748	0.135019	1.21949	1.21949	0.760927	0.963113	-1.0383	0.478285	1.09285	1.09285	0.726182	1.04425	1.04425	0.107343	1.24167	1.24167	0.0221236	0.713258	-1.40202	0.178053	1.19274	1.19274	0.97546	1.0038	1.0038	2.13516	0.51293	0.213538	1
cg02109726	VGLL3	0.149471	0.214145	1.28504	1.28504	0.0729654	1.46741	1.46741	0.729018	0.935489	-1.06896	0.771265	1.05749	1.05749	0.74604	1.06429	1.06429	0.742842	0.938821	-1.06517	0.0190297	0.580223	-1.72347	0.809156	1.04749	1.04749	0.159766	1.33382	1.33382	2.13516	1.24335	0.517621	1
cg02491947	MIR122	0.149471	0.755494	1.49839	1.49839	0.206424	5.68934	5.68934	0.281173	0.232713	-4.29714	0.444199	0.363381	-2.75193	0.768894	1.46435	1.46435	0.00658434	0.00853543	-117.159	0.674069	0.578209	-1.72948	0.925262	0.885667	-1.12909	0.848154	1.28157	1.28157	2.2451	58.2811	20.1905	1
cg12119218	SLC25A16;SLC25A16	0.149472	0.48869	0.862898	-1.15889	0.0591659	0.639779	-1.56304	0.16362	0.732237	-1.36568	0.0308976	0.58784	-1.70114	0.253701	0.778891	-1.28388	0.024876	0.571364	-1.7502	0.978413	0.994344	-1.00569	0.603406	0.895947	-1.11614	0.100202	0.685525	-1.45874	2.13515	1.48613	0.618693	1
cg09912667	LPAR3	0.149492	0.81672	0.869961	-1.14948	0.52703	0.680737	-1.469	0.940824	0.956429	-1.04556	0.00335749	0.0912203	-10.9625	0.56849	1.41321	1.41321	0.94614	1.04137	1.04137	0.618912	1.35105	1.35105	0.799358	0.858273	-1.16513	0.86002	1.11173	1.11173	2.13501	12.175	5.06892	1
cg12610061	ZNF643	0.149493	0.991607	1.00388	1.00388	0.0148954	3.01359	3.01359	0.0203565	2.8011	2.8011	0.494681	1.29102	1.29102	0.799263	0.910403	-1.09841	0.685284	1.16193	1.16193	0.691739	0.863465	-1.15812	0.17823	1.6937	1.6937	0.732459	1.13474	1.13474	2.135	4.58821	1.91026	1
cg02164516	LOC729082	0.149496	0.0473355	0.711608	-1.40527	0.799224	0.962505	-1.03896	0.341772	0.863401	-1.15821	0.344542	1.15718	1.15718	0.0155051	0.640706	-1.56078	0.854155	0.972786	-1.02797	0.452232	0.891518	-1.12168	0.77613	1.04368	1.04368	0.317101	1.16774	1.16774	2.13499	0.760212	0.31651	1
cg13612847	GAD1;GAD1	0.149497	0.310994	0.636046	-1.57221	0.0401519	2.7832	2.7832	0.72541	1.16442	1.16442	0.122619	0.485709	-2.05884	0.333467	1.53822	1.53822	0.633801	1.23019	1.23019	0.171599	0.533527	-1.87432	0.114301	0.476415	-2.09901	0.546798	1.30112	1.30112	2.13498	6.30059	2.62322	1
cg00509772	E2F1	0.149497	0.0644733	0.268772	-3.72063	0.376515	0.563237	-1.77545	0.686924	0.773915	-1.29213	0.339746	0.536655	-1.86339	0.0488223	0.240945	-4.15032	0.297144	0.50473	-1.98126	0.028045	0.193701	-5.1626	0.0274823	0.192153	-5.20418	0.395266	0.576522	-1.73454	2.13497	13.53	5.63316	1
cg19863319	DUSP26	0.149501	0.360367	1.24493	1.24493	0.0103611	2.12184	2.12184	0.0687529	1.60735	1.60735	0.495851	0.851204	-1.17481	0.441094	1.20084	1.20084	0.337167	1.25927	1.25927	0.357132	0.802004	-1.24688	0.873507	1.03782	1.03782	0.369115	1.23974	1.23974	2.13495	1.83529	0.764127	1
cg04201367	GPX3	0.149501	0.131168	0.794177	-1.25916	0.15572	0.806726	-1.23958	0.626112	1.07189	1.07189	0.079272	1.31715	1.31715	0.693372	0.945508	-1.05763	0.158409	0.807999	-1.23763	0.0605012	1.3489	1.3489	0.831152	0.970259	-1.03065	0.593042	1.07926	1.07926	2.13495	0.67603	0.281466	1
cg15710205	GAMT;GAMT;GAMT;GAMT	0.149501	0.26758	0.612795	-1.63187	0.817865	1.10276	1.10276	0.442193	1.39414	1.39414	0.0209459	0.307877	-3.24805	0.138048	0.50806	-1.96827	0.0632904	0.412446	-2.42456	0.67188	1.19801	1.19801	0.333847	1.52603	1.52603	0.867549	0.931669	-1.07334	2.13495	6.07985	2.53135	1
cg19401970	IQSEC2	0.149502	0.0264121	0.510563	-1.95862	0.0271345	0.512771	-1.95019	0.918513	1.02648	1.02648	0.540135	0.853526	-1.17161	0.708873	0.908665	-1.10052	0.364914	0.788404	-1.26838	0.0531456	0.570587	-1.75258	0.0882576	0.618576	-1.61662	0.611913	0.877521	-1.13957	2.13494	2.20502	0.918068	1
cg02531275	TRIM3;TRIM3	0.149511	0.0486545	2.31578	2.31578	0.290685	1.50514	1.50514	0.0928765	1.99259	1.99259	0.0872089	2.0222	2.0222	0.0578125	2.22512	2.22512	0.132384	1.83221	1.83221	0.0790352	2.06921	2.06921	0.0554715	2.24653	2.24653	0.147792	1.78433	1.78433	2.13489	4.70143	1.9575	1
cg07268332	AMPD3;AMPD3;AMPD3	0.149513	0.110317	3.39989	3.39989	0.36006	1.9381	1.9381	0.739904	1.264	1.264	0.282533	2.19299	2.19299	0.297111	2.1386	2.1386	0.122499	3.24419	3.24419	0.0115183	9.22861	9.22861	0.0519687	4.73445	4.73445	0.111786	3.37989	3.37989	2.13487	16.7201	6.96171	1
cg01657186	NINJ2	0.149515	0.372143	1.79824	1.79824	0.546787	1.47776	1.47776	0.318815	1.93445	1.93445	0.856232	1.12316	1.12316	0.198563	0.418901	-2.3872	0.159422	2.61939	2.61939	0.14369	0.365625	-2.73504	0.361124	1.82433	1.82433	0.0198602	6.05406	6.05406	2.13485	13.8673	5.77394	1
cg06736554	HERC5	0.149518	0.660178	0.92671	-1.07909	0.245796	1.23223	1.23223	0.328739	1.18936	1.18936	0.872497	1.02802	1.02802	0.539843	1.11268	1.11268	0.497298	0.888208	-1.12586	0.00768464	0.554718	-1.80272	0.481657	0.88423	-1.13093	0.463517	1.13697	1.13697	2.13483	1.00065	0.416644	1
cg02218214	DOCK7;ANGPTL3	0.149521	0.240337	0.324774	-3.07906	0.0695489	0.156139	-6.40456	0.230691	0.316545	-3.1591	0.406998	0.46025	-2.17273	0.0678865	0.154	-6.49349	0.201587	0.291214	-3.43391	0.0151611	0.0652657	-15.322	0.728789	0.727283	-1.37498	0.0596918	0.143127	-6.98681	2.13482	28.2967	11.7821	1
cg03725447	SAMD11	0.149521	0.32895	0.809353	-1.23556	0.636515	1.1051	1.1051	0.0271365	1.73166	1.73166	0.104152	1.45205	1.45205	0.232079	0.76866	-1.30096	0.514385	0.870395	-1.1489	0.0906498	1.47897	1.47897	0.397417	1.1995	1.1995	0.97859	1.00565	1.00565	2.13482	1.49011	0.620449	1
cg18311516	DYNC1H1	0.149523	0.294452	1.29309	1.29309	0.00558673	2.36371	2.36371	0.929418	1.02116	1.02116	0.427639	1.21099	1.21099	0.347708	0.795687	-1.25678	0.492099	1.17931	1.17931	0.972677	1.00813	1.00813	0.494171	1.17835	1.17835	0.39483	0.81383	-1.22876	2.1348	1.88919	0.786624	1
cg16402814	CHID1	0.149523	0.042604	0.40092	-2.49426	0.125238	0.522201	-1.91497	0.692742	0.855995	-1.16823	0.236774	0.615499	-1.6247	0.0423823	0.400411	-2.49743	0.0665504	0.446865	-2.23781	0.0374408	0.388513	-2.57392	0.184278	0.57614	-1.73569	0.263544	0.633606	-1.57827	2.1348	5.18279	2.15802	1
cg16739845	C14orf184	0.149526	0.226256	0.421424	-2.37291	0.119875	3.15045	3.15045	0.467889	1.65256	1.65256	0.0813771	0.2688	-3.72024	0.350064	1.92351	1.92351	?	?	?	?	?	?	0.658765	0.739153	-1.3529	0.104892	3.33747	3.33747	2.1728	12.379	6.51118	1
cg06143012	RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1;RDM1	0.14953	0.442778	1.35473	1.35473	0.449851	1.34815	1.34815	0.431771	1.36517	1.36517	0.0528724	2.34822	2.34822	0.451582	1.34656	1.34656	0.0151444	3.18261	3.18261	0.660273	0.842318	-1.1872	0.0339231	2.61338	2.61338	0.652414	1.19232	1.19232	2.13476	5.08877	2.11891	1
cg25452071	TM6SF1;TM6SF1	0.14953	0.0816458	0.48727	-2.05225	0.311538	0.677021	-1.47706	0.04933	0.433527	-2.30666	0.124003	0.53763	-1.86002	0.035859	0.402674	-2.4834	0.0828691	0.488963	-2.04514	0.0611878	0.455688	-2.19448	0.131487	0.5452	-1.83419	0.264222	0.648202	-1.54273	2.13475	4.69266	1.95397	1
cg04506190	PLXND1	0.149532	0.882917	0.930434	-1.07477	0.855692	0.914781	-1.09316	0.716283	0.836456	-1.19552	0.162568	0.482179	-2.07392	0.159731	0.479474	-2.08562	0.538175	1.35657	1.35657	0.0119612	4.63799	4.63799	0.291239	1.7089	1.7089	0.574276	1.32011	1.32011	2.13474	8.09383	3.37021	1
cg14742187	ADD3;ADD3;ADD3	0.149532	0.122798	0.549819	-1.81878	0.524768	0.794073	-1.25933	0.831475	1.07922	1.07922	0.7785	1.10615	1.10615	0.0751623	0.492193	-2.03172	0.562816	0.811148	-1.23282	0.0579967	0.464571	-2.15252	0.0622522	2.11889	2.11889	0.516274	1.26549	1.26549	2.13474	4.32724	1.80183	1
cg17731470	C6orf25;C6orf25;C6orf25;C6orf25;C6orf25;C6orf25	0.149533	0.311219	0.883635	-1.13169	0.514766	1.08112	1.08112	0.0764648	0.79239	-1.26201	0.359367	0.89469	-1.11771	0.151813	0.834183	-1.19878	0.186917	0.847739	-1.17961	0.0552357	1.29254	1.29254	0.544371	0.930113	-1.07514	0.125288	0.822085	-1.21642	2.13474	0.471386	0.196282	1
cg15112707	ZNF428	0.149534	0.56362	0.889856	-1.12378	0.697461	0.924884	-1.08122	0.324413	1.22558	1.22558	0.0294231	0.598886	-1.66977	0.09382	0.691914	-1.44527	0.967842	1.00809	1.00809	0.0269934	0.592469	-1.68785	0.231044	0.777929	-1.28546	0.968441	1.00794	1.00794	2.13473	1.3508	0.562465	1
cg04009492	MAL2	0.149543	0.245676	2.61148	2.61148	0.494029	0.577489	-1.73163	0.123898	3.73344	3.73344	0.308881	2.29924	2.29924	0.974375	0.974927	-1.02572	0.751108	0.777583	-1.28604	0.0959311	4.24433	4.24433	0.015972	10.3013	10.3013	0.100897	4.13887	4.13887	2.13467	21.1303	8.79878	1
cg06953454	CSH2;CSH2;CSH2	0.149544	0.341244	1.18158	1.18158	0.0795665	0.718157	-1.39245	0.378219	0.857426	-1.16628	0.285477	1.20773	1.20773	0.048959	1.46593	1.46593	0.631262	1.08575	1.08575	0.192164	1.26475	1.26475	0.187409	1.26834	1.26834	0.317401	0.838754	-1.19225	2.13466	0.978624	0.407507	1
cg16818443	GRK4;GRK4;GRK4;NOP14	0.149544	0.00902475	0.189599	-5.27428	0.594739	0.764162	-1.30862	0.124546	2.30036	2.30036	0.813177	1.12592	1.12592	0.977504	1.01423	1.01423	0.504766	0.712438	-1.40363	?	?	?	0.631686	1.27372	1.27372	0.995926	0.997446	-1.00256	2.15174	7.60188	3.5329	1
cg18777448	ZMYND15;CXCL16;ZMYND15;CXCL16	0.149545	0.367718	0.839719	-1.19087	0.445845	1.15803	1.15803	0.657462	1.08791	1.08791	0.53875	0.889137	-1.12469	0.113402	0.722351	-1.38437	0.0979807	1.40876	1.40876	0.090348	1.4224	1.4224	0.572866	1.11356	1.11356	0.0693381	0.681405	-1.46756	2.13465	1.20509	0.501809	1
cg08111922	MGC23270	0.149545	0.83884	0.905974	-1.10379	0.112768	2.30959	2.30959	0.769848	1.15288	1.15288	0.00914931	4.97888	4.97888	0.928819	0.957601	-1.04428	0.90795	0.945457	-1.05769	0.390873	1.53159	1.53159	0.0636436	2.7486	2.7486	0.210221	1.89697	1.89697	2.13465	7.94929	3.31016	1
cg18765542	DGKZ	0.149545	0.043782	0.489057	-2.04475	0.355107	0.745574	-1.34125	0.0261505	0.442907	-2.25781	0.386706	0.76044	-1.31503	0.443996	0.785953	-1.27234	0.811735	1.07643	1.07643	0.180453	0.644708	-1.55109	0.0397459	0.480072	-2.08302	0.64888	1.15198	1.15198	2.13465	3.22047	1.34104	1
cg24302354	EHD2	0.149549	0.679576	0.871872	-1.14696	0.129539	1.71717	1.71717	0.751426	1.11061	1.11061	0.70252	0.881017	-1.13505	0.01091	0.348234	-2.87163	0.177042	1.60588	1.60588	0.952194	1.01999	1.01999	0.373061	1.35239	1.35239	0.823013	1.07676	1.07676	2.13463	3.68438	1.53423	1
cg21526120	ZDHHC23	0.14955	0.150972	0.37542	-2.66368	0.0508819	0.242717	-4.12003	0.281498	0.490419	-2.03907	0.370328	0.556762	-1.7961	0.00911378	0.121371	-8.23921	0.677639	0.76636	-1.30487	0.969597	1.02456	1.02456	0.214868	0.43556	-2.29589	0.142792	0.366898	-2.72555	2.13461	13.6995	5.70468	1
cg20383766	MST1P9	0.149552	0.00927585	0.511029	-1.95684	0.224176	1.29648	1.29648	0.345321	0.820661	-1.21853	0.429874	1.17805	1.17805	0.712711	0.927552	-1.07811	0.589836	1.11702	1.11702	0.70582	1.08017	1.08017	0.344003	1.21923	1.21923	0.407102	0.841603	-1.18821	2.1346	1.39796	0.582139	1
cg18608197	SEMA4G;MRPL43	0.149553	0.842614	1.10432	1.10432	0.0286083	3.62927	3.62927	0.345553	1.62401	1.62401	0.957359	0.973664	-1.02705	0.550754	0.739852	-1.35162	0.515933	1.38928	1.38928	0.0345717	0.292269	-3.42151	0.676551	0.81106	-1.23295	0.23519	0.537392	-1.86084	2.13459	8.42303	3.50752	1
cg20282199	SEC13;SEC13;SEC13;SEC13	0.149553	0.209843	0.81922	-1.22067	0.0238022	1.50235	1.50235	0.37871	1.14598	1.14598	0.666096	1.0677	1.0677	0.740986	1.05132	1.05132	0.488664	0.899302	-1.11197	0.11428	0.771682	-1.29587	0.13536	0.784387	-1.27488	0.674731	0.938303	-1.06575	2.13459	0.769616	0.320484	1
cg27629771	LOC153328;LOC153328	0.149559	0.00690461	1.77115	1.77115	0.632232	1.08201	1.08201	0.0785431	1.37634	1.37634	0.788399	0.956977	-1.04496	0.481139	1.12419	1.12419	0.34405	1.17273	1.17273	0.852954	0.970123	-1.0308	0.124361	1.3126	1.3126	0.333263	1.17722	1.17722	2.13455	0.90345	0.376222	1
cg02016764	TLR1	0.149562	0.898287	1.08045	1.08045	0.907234	0.931899	-1.07308	0.00942033	0.136513	-7.32531	0.728547	1.23467	1.23467	0.34349	0.554082	-1.80479	0.166042	2.44404	2.44404	0.683379	0.780275	-1.2816	0.185687	2.33746	2.33746	0.673158	0.773601	-1.29266	2.13454	12.3757	5.15364	1
cg18861713	YWHAQ	0.149564	0.0222504	3.65841	3.65841	0.437292	0.687237	-1.4551	0.262441	0.575172	-1.73861	0.131189	0.46236	-2.16282	0.31838	0.613755	-1.62931	0.315363	0.611758	-1.63463	0.885747	1.07042	1.07042	0.197747	1.9049	1.9049	0.600388	0.778647	-1.28428	2.13452	7.57463	3.15434	1
cg22027151	PDZRN4;PDZRN4	0.149567	0.116054	2.72261	2.72261	0.301762	1.87269	1.87269	0.999346	1.00048	1.00048	0.239281	2.05991	2.05991	0.12295	2.66449	2.66449	0.447688	1.57426	1.57426	0.0149967	5.77518	5.77518	0.0954758	2.92713	2.92713	0.0468356	3.79796	3.79796	2.1345	11.6249	4.84107	1
cg19626016	PCNT	0.149568	0.900848	0.953075	-1.04923	0.253929	0.631677	-1.58309	0.674329	0.849623	-1.17699	0.267804	1.56064	1.56064	0.0511504	0.424702	-2.35459	0.107302	1.9695	1.9695	0.178308	1.73576	1.73576	0.16777	0.567281	-1.76279	0.265299	0.639144	-1.56459	2.13449	5.02616	2.0931	1
cg24675879	MIR423;CCDC55	0.149569	0.0337181	0.574534	-1.74054	0.928439	1.02028	1.02028	0.248837	1.30914	1.30914	0.272585	0.774771	-1.2907	0.0874983	0.656028	-1.52433	0.285563	0.780467	-1.28128	0.331475	1.25096	1.25096	0.554244	1.14304	1.14304	0.239013	1.31728	1.31728	2.13449	1.68824	0.703054	1
cg17030841	HDAC4	0.149569	?	?	?	0.37091	1.57556	1.57556	0.565511	1.32908	1.32908	0.265476	0.559969	-1.78581	?	?	?	?	?	?	0.426706	1.49193	1.49193	?	?	?	0.0354849	0.266529	-3.75194	2.70295	5.16054	1.90923	1
cg10130662	BBX;BBX	0.149572	0.152734	0.70367	-1.42112	0.00877649	0.464904	-2.15098	0.0944864	0.655867	-1.5247	0.207798	0.737281	-1.35634	0.289227	0.776897	-1.28717	0.249086	0.758473	-1.31844	0.783484	0.938748	-1.06525	0.619015	1.12191	1.12191	0.818551	1.05415	1.05415	2.13447	1.78016	0.741338	1
cg08166362	C3orf37;C3orf37	0.149573	0.148046	0.27581	-3.62569	0.434673	0.516001	-1.93798	0.946979	1.05676	1.05676	0.537936	0.595905	-1.67812	0.109424	0.234859	-4.25787	0.156889	0.284576	-3.514	0.0219932	0.10223	-9.78187	0.0211357	0.100125	-9.98753	0.245146	0.364545	-2.74315	2.13446	23.2919	9.69982	1
cg26353507	ZNF773	0.149573	0.690824	1.15558	1.15558	0.243684	0.643258	-1.55459	0.0958565	0.516046	-1.93781	0.676353	0.859119	-1.16398	0.759125	1.11767	1.11767	0.0828777	0.499272	-2.00291	0.0282953	2.55121	2.55121	0.696767	1.15217	1.15217	0.491716	1.28736	1.28736	2.13446	4.42264	1.84179	1
cg16732616	DMRTA2	0.149575	0.222733	0.148431	-6.73713	0.0259487	0.0195297	-51.204	0.531107	0.388843	-2.57174	0.44806	0.316272	-3.16184	0.0872374	0.0601257	-16.6318	0.864594	0.775602	-1.28932	?	?	?	0.278775	5.34757	5.34757	0.070034	0.0490084	-20.4047	2.15153	67.1415	31.2064	1
cg20381372	LOC100134317	0.14958	0.167163	0.51245	-1.95141	0.0383953	3.07849	3.07849	0.0333561	3.22012	3.22012	0.560294	1.29985	1.29985	0.990355	1.00538	1.00538	?	?	?	0.723262	1.17108	1.17108	0.611117	1.25625	1.25625	0.50061	0.737237	-1.35642	2.41308	6.36435	1.97808	1
cg19999035	SHROOM3	0.149588	0.48547	0.833791	-1.19934	0.649338	1.12456	1.12456	0.273434	0.74655	-1.33949	0.967569	1.01048	1.01048	0.00884053	0.425391	-2.35078	0.657242	0.891787	-1.12134	0.23465	1.37641	1.37641	0.0991941	0.62906	-1.58967	0.804744	0.938454	-1.06558	2.13436	2.22323	0.9259	1
cg08763161	TFAP2A;TFAP2A;TFAP2A	0.149592	0.58358	0.800642	-1.249	0.916634	1.04295	1.04295	0.0189994	3.12862	3.12862	0.591851	0.804626	-1.24281	0.197914	0.578928	-1.72733	0.30437	0.652316	-1.533	0.840547	1.08427	1.08427	0.0603342	2.34157	2.34157	0.553149	1.27247	1.27247	2.13433	5.45297	2.27101	1
cg06620092	SYT6	0.149594	0.160327	2.23228	2.23228	0.0653432	3.02698	3.02698	0.500601	1.44199	1.44199	0.248647	1.90717	1.90717	0.620865	0.765721	-1.30596	0.0993609	2.63032	2.63032	0.157996	0.445686	-2.24373	0.0553324	3.19926	3.19926	0.256508	1.88529	1.88529	2.13432	9.68901	4.03522	1
cg01905489	UBXN11;UBXN11;UBXN11	0.149597	0.533372	0.8634	-1.15821	0.698223	0.913281	-1.09495	0.115515	0.671424	-1.48937	0.174593	0.714478	-1.39962	0.636537	0.895096	-1.1172	0.571965	1.14221	1.14221	0.0957973	1.53101	1.53101	0.717804	0.918974	-1.08817	0.0176735	0.510758	-1.95787	2.1343	1.83233	0.763127	1
cg27351321	ABHD2;ABHD2	0.149597	0.0302164	0.586454	-1.70516	0.0699051	1.52872	1.52872	0.628555	1.10748	1.10748	0.858028	1.03821	1.03821	0.558227	0.883384	-1.13201	0.721058	0.927669	-1.07797	0.57461	0.88802	-1.1261	0.128164	0.708632	-1.41117	0.105017	0.690068	-1.44913	2.1343	1.48244	0.617406	1
cg10882756	ODZ2	0.149597	0.283419	1.34698	1.34698	0.136194	0.651073	-1.53593	0.0324268	0.51206	-1.9529	0.808738	0.937242	-1.06696	0.366898	1.28113	1.28113	0.179163	0.682913	-1.46432	0.951953	0.984024	-1.01624	0.228416	0.713291	-1.40195	0.15687	1.49882	1.49882	2.1343	2.41461	1.00563	1
ch.5.1700054F	GPR98;GPR98	0.149598	0.0824135	0.384812	-2.59867	0.00636834	0.171597	-5.82761	0.827776	0.897492	-1.11422	0.220419	0.52754	-1.89559	0.625558	0.783391	-1.2765	0.938317	0.962311	-1.03917	0.111345	0.42278	-2.3653	0.530907	0.729728	-1.37037	0.252906	0.552794	-1.80899	2.13429	8.32897	3.46884	1
cg03119435	CHST4;CHST4	0.149602	0.494052	0.76865	-1.30098	0.484426	0.763986	-1.30892	0.00472189	0.241182	-4.14625	0.869779	0.93973	-1.06414	0.74725	0.884699	-1.13033	0.763201	1.12129	1.12129	0.280479	1.52964	1.52964	0.455956	0.750002	-1.33333	0.303404	0.66773	-1.49761	2.13427	4.85212	2.02083	1
cg15633416	DKFZp761E198	0.149602	0.737176	0.945121	-1.05807	0.0553178	1.43911	1.43911	0.307109	1.19384	1.19384	0.38823	1.15973	1.15973	0.0403574	0.672442	-1.48712	0.467662	1.13184	1.13184	0.0957283	1.35885	1.35885	0.921858	0.983692	-1.01658	0.468372	0.883701	-1.1316	2.13426	0.949215	0.395334	1
cg06331715	CYTH3	0.149602	0.159103	0.658975	-1.51751	0.811252	1.06855	1.06855	0.993726	1.00218	1.00218	0.157747	1.51986	1.51986	0.0091302	0.399391	-2.50381	0.972389	1.00964	1.00964	0.686082	0.893499	-1.11919	0.451996	1.23659	1.23659	0.460924	0.812179	-1.23126	2.13426	2.5962	1.08128	1
cg01663440	RAD52	0.149603	0.263534	0.565723	-1.76765	0.995804	1.00257	1.00257	0.239247	0.547526	-1.8264	0.499699	1.39774	1.39774	0.180891	0.499414	-2.00235	0.0795609	0.386333	-2.58844	0.104693	0.420331	-2.37908	0.0736297	2.6504	2.6504	0.164827	0.484702	-2.06312	2.13426	8.0741	3.36275	1
cg12136950	ITPKB	0.149604	0.0425626	0.306667	-3.26086	0.0795842	0.373467	-2.67762	0.08441	0.380499	-2.62813	0.486727	0.69927	-1.43006	0.0390542	0.298481	-3.3503	0.0735702	0.364302	-2.74498	0.213318	0.51511	-1.94133	0.0754482	0.367215	-2.7232	0.322197	0.595916	-1.67809	2.13425	8.66105	3.60722	1
cg10142874	LPIN1	0.149609	0.466542	1.2513	1.2513	0.0175459	2.39766	2.39766	0.0396251	2.05432	2.05432	0.0543165	1.93612	1.93612	0.174311	1.54841	1.54841	0.491986	1.23511	1.23511	0.280565	1.40405	1.40405	0.785031	1.08624	1.08624	0.700173	0.889519	-1.1242	2.13422	3.09429	1.28876	1
cg19631365	ANXA3	0.149609	0.516547	0.875548	-1.14214	0.140429	0.725809	-1.37777	0.0146341	0.544745	-1.83572	0.344744	0.821474	-1.21732	0.918538	0.97954	-1.02089	0.977816	1.00563	1.00563	0.143176	1.37429	1.37429	0.104897	0.699001	-1.43061	0.43368	0.85092	-1.1752	2.13421	1.38024	0.574861	1
cg04870498	TNRC6B;TNRC6B;TNRC6B	0.149614	0.247997	0.493086	-2.02804	0.132637	2.58568	2.58568	0.415179	0.614093	-1.62842	0.180295	0.434742	-2.30022	0.0157618	0.176909	-5.65262	?	?	?	0.398836	0.60308	-1.65816	0.826781	0.879581	-1.1369	0.80469	1.1561	1.1561	2.15126	10.3807	4.82542	1
cg06245711	FAM100B	0.149615	0.350532	0.503846	-1.98473	0.0270839	0.154628	-6.46712	0.0224983	0.142306	-7.02713	0.584533	1.48275	1.48275	0.27118	0.441657	-2.2642	0.921586	0.93217	-1.07277	0.0745293	0.24236	-4.12609	0.926664	1.06788	1.06788	0.432143	0.564446	-1.77165	2.13417	17.2019	7.16462	1
cg11192895	LATS2	0.149617	0.476287	0.736454	-1.35786	0.127552	0.498612	-2.00557	0.82295	1.09928	1.09928	0.172812	1.8455	1.8455	0.0230931	0.317451	-3.15009	0.427332	1.40818	1.40818	0.24085	1.67968	1.67968	0.331956	1.52615	1.52615	0.55851	0.778884	-1.28389	2.13416	6.02959	2.51136	1
cg23965109	ST6GAL1;ST6GAL1;ST6GAL1	0.149618	0.818703	1.03776	1.03776	0.013869	1.63361	1.63361	0.568572	0.911174	-1.09748	0.481486	0.890925	-1.12243	0.594543	1.09059	1.09059	0.995694	1.00087	1.00087	0.0226923	1.55319	1.55319	0.818728	1.03775	1.03775	0.977888	1.00448	1.00448	2.13415	0.880724	0.366827	1
cg14443953	PAX6	0.149618	0.145935	0.35368	-2.82744	0.0502222	4.42071	4.42071	0.057612	4.17675	4.17675	0.930998	0.943969	-1.05936	0.257486	0.455299	-2.19636	0.921837	1.06753	1.06753	0.360322	0.534644	-1.8704	0.845258	1.13894	1.13894	0.194295	0.400806	-2.49497	2.13415	14.9839	6.24087	1
cg00936141	SMC6;GEN1;GEN1;GEN1;SMC6	0.149622	0.672316	0.877359	-1.13978	0.0655645	0.529634	-1.8881	0.291865	0.71438	-1.39982	0.0774516	0.546831	-1.82872	0.0594441	0.519798	-1.92383	0.0447173	0.492289	-2.03133	0.604492	0.851553	-1.17432	0.0293194	0.454078	-2.20227	0.300383	0.718901	-1.39101	2.13413	3.19677	1.33149	1
cg06393563	EYA4;EYA4;EYA4	0.149623	0.552164	1.40727	1.40727	0.0880247	2.91365	2.91365	0.025924	4.49058	4.49058	0.620211	0.752945	-1.32812	0.345221	0.575663	-1.73713	0.902042	1.07245	1.07245	0.731986	0.8226	-1.21566	0.0357601	4.0065	4.0065	0.532816	1.43168	1.43168	2.13412	10.9063	4.54263	1
cg21164545	LOC100240726	0.149625	0.0575353	2.02751	2.02751	0.866046	0.945958	-1.05713	0.981187	0.992271	-1.00779	0.972872	0.988872	-1.01125	0.0965118	0.548555	-1.82297	0.343223	1.37895	1.37895	0.0187507	2.55296	2.55296	0.925147	1.03141	1.03141	0.881876	0.952249	-1.05015	2.13411	3.6601	1.52449	1
cg11188741	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.149627	0.177499	0.457399	-2.18628	0.483542	1.47494	1.47494	0.305936	1.78346	1.78346	0.0125582	5.44299	5.44299	0.307819	0.562059	-1.77917	0.531858	1.41287	1.41287	0.273559	0.536929	-1.86244	0.879104	1.08662	1.08662	0.643429	0.775362	-1.28972	2.13409	10.0685	4.19372	1
cg19352801	STIP1	0.149631	0.853789	0.95831	-1.0435	0.0625929	1.62209	1.62209	0.920621	1.02328	1.02328	0.0447932	0.587609	-1.70181	0.360305	0.804854	-1.24246	0.0760282	0.633975	-1.57735	0.293709	1.28585	1.28585	0.982066	1.0052	1.0052	0.316154	0.787235	-1.27027	2.13406	1.80098	0.75015	1
cg09890800	TRIO	0.149631	0.158263	0.584999	-1.7094	0.712047	0.876535	-1.14086	0.122315	1.8134	1.8134	0.0390328	2.33758	2.33758	0.730676	1.13068	1.13068	0.364259	0.717922	-1.39291	0.115311	0.544133	-1.83778	0.863939	1.06286	1.06286	0.250986	0.652895	-1.53164	2.13406	4.27025	1.77866	1
cg26097073	CSF2RB	0.149637	0.531055	0.897632	-1.11404	0.233908	1.23664	1.23664	0.431471	0.872273	-1.14643	0.826814	1.038	1.038	0.27879	0.825587	-1.21126	0.363383	0.853007	-1.17232	0.302638	1.1993	1.1993	0.0971032	0.733511	-1.36331	0.015447	0.60306	-1.65821	2.13402	0.97906	0.40781	1
cg01128161	QRFPR	0.149638	0.145951	1.51636	1.51636	0.0214242	2.08996	2.08996	0.913299	0.971371	-1.02947	0.750027	0.918283	-1.08899	0.269084	0.735674	-1.3593	0.0980964	0.616364	-1.62242	0.389033	0.79023	-1.26545	0.43256	1.23814	1.23814	0.851866	0.951366	-1.05112	2.13402	2.40402	1.00135	1
cg19470843	C14orf167;C14orf167;C14orf167;C14orf167	0.149641	0.730024	0.923476	-1.08286	0.613995	0.889695	-1.12398	0.0460436	0.591323	-1.69112	0.786322	0.939465	-1.06444	0.220661	0.74386	-1.34434	0.506364	0.856465	-1.16759	0.0201335	1.90443	1.90443	0.541182	0.867492	-1.15275	0.46978	1.18411	1.18411	2.134	1.78489	0.74347	1
cg01640456	MAML3	0.149642	0.555065	1.10789	1.10789	0.389904	1.16325	1.16325	0.244616	0.811467	-1.23234	0.610264	1.09224	1.09224	0.773624	1.05074	1.05074	0.996476	0.999242	-1.00076	0.15234	1.30102	1.30102	0.644269	0.923298	-1.08307	0.00652894	1.83415	1.83415	2.13399	0.995621	0.414714	1
cg22206740	ADIG	0.149647	0.222851	0.73563	-1.35938	0.172045	0.705788	-1.41686	0.0349361	0.554812	-1.80241	0.349195	0.793743	-1.25985	0.0285723	0.538382	-1.85742	0.917635	1.0251	1.0251	0.679537	0.90523	-1.10469	0.048861	0.583239	-1.71456	0.108797	0.657555	-1.52079	2.13396	1.94174	0.808821	1
cg12126796	ATE1;ATE1	0.149648	0.367175	1.14589	1.14589	0.164896	1.24334	1.24334	0.357715	0.870186	-1.14918	0.065045	0.737458	-1.35601	0.11067	0.774503	-1.29115	0.588743	0.922889	-1.08355	0.186581	0.813969	-1.22855	0.231802	0.831631	-1.20246	0.0625721	0.734848	-1.36083	2.13395	0.730427	0.304257	1
cg23730696	VSIG2	0.149652	0.10057	2.14847	2.14847	0.234834	1.69793	1.69793	0.302758	1.57438	1.57438	0.0779505	2.29968	2.29968	0.0885599	2.22285	2.22285	0.417126	1.42271	1.42271	0.0295063	2.97352	2.97352	0.0738672	2.33277	2.33277	0.0448519	2.66164	2.66164	2.13392	6.10907	2.54474	1
cg07981845	NFKB2;NFKB2;NFKB2	0.149653	0.260277	1.26181	1.26181	0.0936279	0.694082	-1.44075	0.714331	1.07553	1.07553	0.580024	1.11705	1.11705	0.22234	1.28916	1.28916	0.125789	1.38831	1.38831	0.096924	0.697083	-1.43455	0.723801	0.932142	-1.0728	0.0840601	1.46019	1.46019	2.13392	1.32559	0.552177	1
cg10768875	SATB2	0.149654	0.163254	0.712504	-1.4035	0.166043	0.714306	-1.39996	0.731563	0.924558	-1.0816	0.345465	0.801453	-1.24773	0.491864	1.17236	1.17236	0.377747	0.813704	-1.22895	0.0160948	1.95598	1.95598	0.963208	0.989548	-1.01056	0.376993	1.22937	1.22937	2.13391	1.75361	0.730476	1
cg01500431	GSTTP2	0.149658	0.753313	1.67752	1.67752	0.356825	4.76339	4.76339	?	?	?	0.665867	2.0405	2.0405	0.0158776	0.00670725	-149.092	0.660006	2.0683	2.0683	0.852835	0.737413	-1.35609	0.0570129	0.0272919	-36.6409	0.564458	0.38405	-2.60382	2.25962	83.7631	32.4358	1
cg00754253	HRASLS5;HRASLS5;HRASLS5	0.149658	0.141022	0.506079	-1.97598	0.177412	1.85273	1.85273	0.500566	0.745179	-1.34196	0.47862	1.36326	1.36326	0.966009	0.981835	-1.0185	0.676428	1.19788	1.19788	0.309059	0.635802	-1.57282	0.0152115	0.277342	-3.60565	0.181592	0.543329	-1.84051	2.13388	6.25433	2.6053	1
cg04129905	SCARNA2	0.149658	0.147335	0.806485	-1.23995	0.12777	0.796314	-1.25579	0.867028	0.977087	-1.02345	0.938737	0.989424	-1.01069	0.961445	1.00671	1.00671	0.0260132	0.69389	-1.44115	0.763215	1.04268	1.04268	0.180021	1.21768	1.21768	0.14876	1.23888	1.23888	2.13388	0.646612	0.269353	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20641026	PIP4K2A	0.14966	0.322917	1.94085	1.94085	0.432805	0.594585	-1.68184	0.834295	0.872797	-1.14574	0.176882	2.54029	2.54029	0.104829	3.16204	3.16204	0.690801	1.2965	1.2965	0.0130545	7.38873	7.38873	0.119431	2.99648	2.99648	0.161345	2.64182	2.64182	2.13387	14.2555	5.93832	1
cg04370106	ACCN1;ACCN1	0.149662	0.195206	0.547033	-1.82804	0.774802	0.881348	-1.13462	0.033783	0.335745	-2.97845	0.0485893	0.370857	-2.69646	0.134474	0.491365	-2.03515	0.951114	1.02736	1.02736	0.0860941	0.433852	-2.30493	0.134251	0.491134	-2.0361	0.0607042	0.394138	-2.53718	2.13385	6.55195	2.72931	1
cg26332535	RPTOR;RPTOR	0.149663	0.535008	1.15217	1.15217	0.757715	0.932617	-1.07225	0.102873	0.668774	-1.49527	0.632747	0.897142	-1.11465	0.0450649	0.595445	-1.67942	0.191857	1.36545	1.36545	0.175634	1.38358	1.38358	0.0847871	0.650681	-1.53685	0.925393	1.02134	1.02134	2.13385	1.71777	0.715566	1
cg19584875	KCNK13;KCNK13	0.149667	0.0849313	0.439261	-2.27655	0.0484519	0.375776	-2.66116	0.125655	0.490068	-2.04053	0.723325	0.859675	-1.16323	0.0849038	0.439222	-2.27676	?	?	?	?	?	?	0.399567	1.44472	1.44472	0.796678	1.11605	1.11605	2.2791	4.96669	2.17924	1
cg00504088	LOC728190;LOC439994	0.149667	0.00661799	2.09366	2.09366	0.573553	1.12661	1.12661	0.0862266	1.48786	1.48786	0.89561	0.972858	-1.0279	0.11415	1.43366	1.43366	0.866185	0.965266	-1.03598	0.247682	1.28832	1.28832	0.516133	1.14798	1.14798	0.432992	1.18261	1.18261	2.13382	1.48492	0.618577	1
cg12386721	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.149672	0.0592595	0.231463	-4.32034	0.580126	1.4681	1.4681	0.39491	1.81984	1.81984	0.144016	0.34008	-2.94048	0.020017	0.145331	-6.88085	0.211192	0.404468	-2.47238	0.186084	0.38162	-2.62041	0.492756	0.619589	-1.61397	0.287947	0.46855	-2.13424	2.13379	15.9575	6.64755	1
cg10201192	YTHDF1	0.149672	0.562485	0.813216	-1.22969	0.0220066	0.379095	-2.63786	0.543795	0.804956	-1.2423	0.946047	0.976387	-1.02418	0.587832	0.8243	-1.21315	0.00893611	0.30902	-3.23603	0.23079	0.641548	-1.55873	0.954541	0.980072	-1.02033	0.561448	0.81276	-1.23038	2.13379	4.21338	1.7552	1
cg24650785	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF	0.149674	0.765609	0.854933	-1.16968	0.191917	2.06301	2.06301	0.293128	1.77131	1.77131	0.663996	0.795223	-1.25751	0.67216	0.8	-1.25	0.0427174	0.294364	-3.39715	0.618426	1.30113	1.30113	0.0514964	3.19663	3.19663	0.129235	2.3617	2.3617	2.13378	9.28736	3.86893	1
cg12060786	C6orf48;C6orf48;SNORD52	0.149674	0.117425	0.582612	-1.71641	0.017725	0.400053	-2.49967	0.0889021	0.550956	-1.81503	0.201329	0.651362	-1.53524	0.14315	0.606604	-1.64852	0.707157	1.12738	1.12738	0.121183	0.58634	-1.7055	0.0975188	0.561236	-1.78178	0.282752	0.701467	-1.42558	2.13377	3.41066	1.42082	1
cg26077283	GDNF;GDNF;GDNF	0.149675	0.354654	0.871795	-1.14706	0.213453	1.20776	1.20776	0.192688	1.21976	1.21976	0.609452	0.928452	-1.07706	0.98397	1.0029	1.0029	0.717746	1.0537	1.0537	0.00736485	1.64481	1.64481	0.380839	1.13828	1.13828	0.62717	0.931904	-1.07307	2.13377	0.701575	0.292263	1
cg21583440	GDPD5	0.149675	0.290882	0.684635	-1.46063	0.307539	1.44068	1.44068	0.181616	0.612532	-1.63257	0.956631	0.981377	-1.01898	0.131685	0.569787	-1.75504	0.194016	0.621889	-1.60801	0.107428	1.83557	1.83557	0.161866	1.67584	1.67584	0.141417	0.578898	-1.72742	2.13377	4.03793	1.68213	1
cg13404532	RAB7A	0.149676	0.466788	0.888442	-1.12557	0.806779	1.03992	1.03992	0.1182	0.762644	-1.31123	0.352454	0.858267	-1.16514	0.839561	0.968138	-1.03291	0.598012	0.91852	-1.08871	0.0125876	1.64153	1.64153	0.167597	0.790608	-1.26485	0.787723	0.957805	-1.04405	2.13376	0.862261	0.359203	1
cg17593512	RBM47;RBM47	0.149676	0.0445095	0.193698	-5.16267	0.836258	0.863092	-1.15862	0.493784	1.63949	1.63949	0.711414	0.767694	-1.3026	0.0226636	0.143542	-6.96658	0.257406	0.431344	-2.31834	0.0436381	0.192014	-5.20796	0.612882	0.695602	-1.4376	0.242831	0.419153	-2.38576	2.13376	17.1038	7.12517	1
cg23689220	LOC285045;LOC285045;LOC285045	0.149676	0.106888	0.63203	-1.5822	0.461402	0.822467	-1.21585	0.00598627	0.392032	-2.55081	0.429184	0.810288	-1.23413	0.518439	0.843123	-1.18607	0.84845	0.951356	-1.05113	0.785867	1.07356	1.07356	0.764932	0.924813	-1.0813	0.0862107	0.610106	-1.63906	2.13376	2.29605	0.956497	1
cg24489686	FGF13;FGF13;FGF13;FGF13;FGF13;FGF13	0.149684	0.99597	0.99711	-1.0029	0.476118	0.660146	-1.51482	0.781718	0.852825	-1.17257	0.165245	0.428114	-2.33582	0.0134367	0.173025	-5.77951	0.867998	1.10003	1.10003	0.0231189	0.21083	-4.74316	0.95027	1.03639	1.03639	0.260336	0.510216	-1.95996	2.1337	11.1014	4.62479	1
cg27173374	GNG2	0.149684	0.274841	2.73349	2.73349	0.703083	1.40348	1.40348	0.659872	1.47991	1.47991	0.293966	2.62076	2.62076	0.190549	3.41049	3.41049	0.438762	2.01172	2.01172	0.00977885	18.0182	18.0182	0.0569778	6.72893	6.72893	0.0561783	6.78142	6.78142	2.1337	26.4728	11.0284	1
cg06282462	MFSD8;C4orf29	0.149685	0.795979	1.06367	1.06367	0.555346	1.15271	1.15271	0.976731	0.993075	-1.00697	0.18253	1.40078	1.40078	0.783765	0.936567	-1.06773	0.104299	0.655043	-1.52662	0.0440323	0.57621	-1.73548	0.0333077	0.552868	-1.80875	0.419122	0.821456	-1.21735	2.1337	1.91803	0.799045	1
cg22795470	HECW1	0.149688	0.56189	0.935969	-1.06841	0.20817	1.16152	1.16152	0.0358874	1.31711	1.31711	0.577227	0.938436	-1.0656	0.253864	0.874201	-1.1439	0.717177	1.0419	1.0419	0.201374	0.858782	-1.16444	0.088967	1.23573	1.23573	0.216652	1.15799	1.15799	2.13368	0.430221	0.17923	1
cg03745491	DENND1C	0.149691	0.931276	1.03266	1.03266	0.208426	1.63901	1.63901	0.144016	1.79462	1.79462	0.161018	1.74679	1.74679	0.571796	1.23723	1.23723	0.482908	0.766685	-1.30432	0.421743	0.736556	-1.35767	0.194604	0.599767	-1.66731	0.0209366	2.81561	2.81561	2.13366	4.69075	1.95418	1
cg14738921	VEPH1;VEPH1;VEPH1;VEPH1;VEPH1;VEPH1	0.149691	0.12056	1.72578	1.72578	0.103474	1.78091	1.78091	0.394861	1.32634	1.32634	0.0537596	2.03352	2.03352	0.339642	1.37568	1.37568	0.0599888	1.98911	1.98911	0.0428987	2.128	2.128	0.198064	1.55406	1.55406	0.43411	0.772085	-1.29519	2.13366	3.5493	1.47865	1
cg26332715	GLS	0.149695	0.304421	0.539317	-1.8542	0.350369	1.74723	1.74723	0.637294	1.31746	1.31746	0.72149	1.23096	1.23096	0.229777	0.481171	-2.07826	0.0114293	0.159207	-6.28114	0.220628	0.473513	-2.11187	0.216095	0.469664	-2.12918	0.162208	0.42049	-2.37818	2.13363	11.3888	4.74467	1
cg20132801	KIAA0146	0.149696	0.24449	1.27822	1.27822	0.200608	0.761447	-1.31329	0.552132	0.885797	-1.12893	0.190552	0.756197	-1.32241	0.086743	1.46434	1.46434	0.884696	0.971169	-1.02969	0.0268016	1.69701	1.69701	0.764365	0.941193	-1.06248	0.659798	0.914564	-1.09342	2.13362	1.37348	0.572206	1
cg00558702	LMO3;LMO3	0.149699	0.211796	1.64535	1.64535	0.0112611	3.32647	3.32647	0.141401	1.81973	1.81973	0.820643	1.08977	1.08977	0.316289	1.48026	1.48026	0.712138	1.15062	1.15062	0.0670819	2.17489	2.17489	0.0524647	2.3044	2.3044	0.44501	1.34279	1.34279	2.1336	4.84288	2.01761	1
cg27460056	C7orf50;C7orf50;C7orf50	0.1497	0.687852	1.11761	1.11761	0.17794	1.48306	1.48306	0.211852	0.696226	-1.43632	0.395457	1.27074	1.27074	0.0739562	0.57793	-1.73031	0.0404515	1.91855	1.91855	0.232098	0.708201	-1.41203	0.493666	1.21091	1.21091	0.929679	1.0246	1.0246	2.1336	2.56126	1.06706	1
cg00063066	C6orf173;C6orf173	0.149704	0.807397	1.05679	1.05679	0.0465613	1.67447	1.67447	0.858599	0.960471	-1.04116	0.161735	0.713242	-1.40205	0.216023	1.34241	1.34241	0.0424469	0.589493	-1.69637	0.805094	1.05751	1.05751	0.534163	1.15303	1.15303	0.2753	1.29264	1.29264	2.13357	1.72843	0.720098	1
cg06178563	NKX2-2	0.149708	0.679858	1.22497	1.22497	0.897518	1.06504	1.06504	0.00519183	6.07355	6.07355	0.756101	1.16458	1.16458	0.815731	0.892121	-1.12092	0.768943	0.865845	-1.15494	0.325065	0.60839	-1.64368	0.152206	2.11706	2.11706	0.673457	1.23031	1.23031	2.13354	8.08043	3.36652	1
cg09472203	AP3B2;AP3B2	0.149718	0.718417	0.929805	-1.07549	0.740329	0.935335	-1.06914	0.0191133	1.76833	1.76833	0.297628	0.804913	-1.24237	0.0919063	0.6887	-1.45201	0.499985	1.14754	1.14754	0.198261	0.76087	-1.31428	0.337136	1.22006	1.22006	0.827364	1.04488	1.04488	2.13348	1.36508	0.568746	1
cg15716494	TARS	0.149721	0.0408825	0.630668	-1.58562	0.622995	1.10162	1.10162	0.0813462	1.45845	1.45845	0.592371	0.899819	-1.11133	0.880185	1.0299	1.0299	0.402758	0.845989	-1.18205	0.0684851	0.671421	-1.48938	0.296435	1.23547	1.23547	0.518733	1.1363	1.1363	2.13345	1.28907	0.537085	1
cg02132702	FAM57B	0.149733	0.345847	3.10364	3.10364	0.00893864	48.4127	48.4127	0.0210248	25.4899	25.4899	0.344656	3.11287	3.11287	0.283863	3.66512	3.66512	0.578513	1.92457	1.92457	0.366299	2.95292	2.95292	0.78964	1.36606	1.36606	0.347466	3.09119	3.09119	2.13337	45.9846	19.1599	1
cg03481658	AIMP2	0.149734	0.428876	0.717157	-1.39439	0.0885016	0.461354	-2.16753	0.0999912	0.476177	-2.10006	0.374116	0.686905	-1.4558	0.0113761	0.27138	-3.68487	0.160518	0.539492	-1.85359	0.0484811	0.39536	-2.52934	0.412195	0.708114	-1.4122	0.642481	0.824934	-1.21222	2.13337	5.72567	2.38566	1
cg07364781	RASSF8;RASSF8;RASSF8;RASSF8	0.149737	0.088559	1.41521	1.41521	0.816135	0.957861	-1.04399	0.271124	0.809151	-1.23586	0.554052	1.11698	1.11698	0.61546	1.09813	1.09813	0.627837	0.913661	-1.0945	0.00781948	1.87956	1.87956	0.889054	1.02614	1.02614	0.562113	1.11443	1.11443	2.13335	1.15438	0.480989	1
cg24020814	PDE1B;PDE1B	0.149738	0.613024	1.12732	1.12732	0.161005	1.42162	1.42162	0.568575	1.145	1.145	0.180479	1.39678	1.39678	0.328199	1.26762	1.26762	0.550023	0.867528	-1.1527	0.0190967	0.513488	-1.94747	0.844686	1.04717	1.04717	0.138999	1.45382	1.45382	2.13334	1.86552	0.777297	1
cg20036996	PUF60;PUF60;PUF60	0.149739	0.61191	1.24141	1.24141	0.0736718	0.430511	-2.32282	0.546834	0.772819	-1.29396	0.102997	2.12528	2.12528	0.182552	0.549968	-1.81829	0.989484	0.994445	-1.00559	0.0777701	0.436707	-2.28987	0.215114	1.73588	1.73588	0.331643	1.52706	1.52706	2.13333	6.03589	2.51496	1
ch.1.930581F	RPA2	0.149739	0.344682	1.73763	1.73763	0.06127	3.31048	3.31048	?	?	?	0.870635	1.09693	1.09693	?	?	?	?	?	?	0.0558729	0.292402	-3.41995	0.33849	0.571158	-1.75083	0.792862	1.16113	1.16113	2.19741	7.47661	4.53662	1
cg21643128	TRPM2	0.149741	0.107211	0.185652	-5.38642	0.0120644	0.0499007	-20.0398	0.248485	0.314966	-3.17495	0.31352	0.368516	-2.71358	0.0300383	0.0868168	-11.5185	0.865143	0.849775	-1.17678	0.239623	0.307512	-3.25191	0.32079	0.374414	-2.67084	0.216368	0.287695	-3.4759	2.13332	30.9868	12.9113	1
cg23625390	SCAPER	0.149746	0.113038	0.714989	-1.39862	0.138239	1.36404	1.36404	0.563983	0.892746	-1.12014	0.0459708	1.56033	1.56033	0.789346	1.05346	1.05346	0.889895	1.02731	1.02731	0.880147	1.02978	1.02978	0.636095	1.09715	1.09715	0.05353	0.652783	-1.5319	2.13329	1.27833	0.53265	1
cg00126698	BTK	0.149749	0.211799	1.98049	1.98049	0.627847	0.775861	-1.28889	0.136097	0.434139	-2.30341	0.184809	0.481581	-2.07649	0.011766	0.195023	-5.1276	0.577123	1.33997	1.33997	0.485909	1.44462	1.44462	0.907251	0.941247	-1.06242	0.789094	0.869983	-1.14945	2.13327	9.11891	3.79967	1
cg14345026	ZFAND2B	0.14975	0.292424	0.835693	-1.19661	0.565371	0.90892	-1.10021	0.699669	0.938287	-1.06577	0.412682	1.14755	1.14755	0.0455759	0.686098	-1.45752	0.0343462	0.666556	-1.50025	0.188096	0.795172	-1.25759	0.884565	1.02416	1.02416	0.153017	1.28592	1.28592	2.13326	0.91234	0.380155	1
cg14701880	CNOT2	0.14975	0.590257	1.23382	1.23382	0.132632	0.534084	-1.87236	0.0499564	0.421422	-2.37292	0.771351	0.893479	-1.11922	0.271668	1.55628	1.55628	0.53443	1.27532	1.27532	0.0538592	2.33046	2.33046	0.602966	0.816413	-1.22487	0.233401	0.616976	-1.62081	2.13326	5.04772	2.10329	1
cg27528510	EMID2	0.149754	0.524967	1.14485	1.14485	0.796454	0.947169	-1.05578	0.448944	1.17589	1.17589	0.142533	1.39236	1.39236	0.591965	0.892603	-1.12032	0.49038	1.15848	1.15848	0.0115629	0.515266	-1.94074	0.355608	0.819112	-1.22083	0.328945	1.23562	1.23562	2.13323	1.48973	0.62075	1
cg21736038	MIR1539;C18orf32	0.149755	0.827607	0.905053	-1.10491	0.0559708	0.364338	-2.7447	0.548483	1.3207	1.3207	0.0607989	0.373471	-2.67758	?	?	?	?	?	?	0.219848	1.81225	1.81225	0.820478	0.90125	-1.10957	0.118401	0.456019	-2.19289	2.27839	5.746	2.52195	1
cg19628233	EEFSEC	0.149757	0.0643645	0.527868	-1.89441	0.410178	0.771871	-1.29555	0.369312	1.32773	1.32773	0.0499077	0.502828	-1.98875	0.0442717	0.491456	-2.03477	0.667072	0.87542	-1.14231	0.0829858	0.55424	-1.80427	0.136268	0.610467	-1.63809	0.402052	0.768227	-1.3017	2.13321	3.19342	1.33067	1
cg08249296	ADAMTS18	0.149758	0.135463	3.67043	3.67043	0.0779007	4.8704	4.8704	0.425883	1.92911	1.92911	0.477834	1.79172	1.79172	0.0543419	0.171293	-5.83793	0.951426	1.05046	1.05046	0.439431	0.528757	-1.89123	0.103359	0.237018	-4.21908	0.809523	0.822716	-1.21549	2.1332	22.0628	9.1934	1
cg19350270	DPP4	0.14976	0.353396	1.89434	1.89434	0.866495	1.11916	1.11916	0.748272	1.2404	1.2404	0.908087	0.925636	-1.08034	0.328533	0.509283	-1.96354	0.171668	2.64745	2.64745	0.330153	1.95884	1.95884	0.00813408	9.64772	9.64772	0.110306	3.20394	3.20394	2.13319	15.1242	6.30219	1
cg23211240	MIR34B;BTG4;MIR34C	0.149763	0.236792	5.97605	5.97605	0.533576	0.402762	-2.48285	0.484845	0.359229	-2.78374	0.219601	6.43556	6.43556	0.240223	0.169734	-5.89158	0.339988	0.242111	-4.13034	0.73183	0.608875	-1.64237	0.0436738	28.354	28.354	0.0558648	22.7435	22.7435	2.13317	70.2793	29.2853	1
cg08769559	ARX	0.149765	0.232664	0.648386	-1.54229	0.446355	1.30827	1.30827	0.452805	1.30313	1.30313	0.0168578	2.74389	2.74389	0.772549	1.10554	1.10554	0.0968022	0.53204	-1.87956	0.334765	0.708668	-1.4111	0.793467	1.09509	1.09509	0.418015	1.33176	1.33176	2.13315	4.04882	1.68715	1
cg09180848	BNC1	0.149765	0.12554	0.674651	-1.48225	0.0786378	0.628969	-1.5899	0.128975	0.677425	-1.47618	0.441738	0.830099	-1.20468	0.393713	0.8127	-1.23047	0.150919	0.693917	-1.4411	0.3595	0.799594	-1.25063	0.0803495	1.58483	1.58483	0.351364	1.25569	1.25569	2.13315	1.90384	0.793331	1
cg27571769	ACSL1	0.14977	0.462254	0.774343	-1.29142	0.704875	0.878063	-1.13887	0.309586	0.698137	-1.43238	0.610037	0.8388	-1.19218	0.292701	1.45216	1.45216	0.79572	1.09271	1.09271	0.00997031	3.04062	3.04062	0.189904	1.60717	1.60717	0.408382	0.749026	-1.33507	2.13312	3.94552	1.64413	1
cg10697784	GNPTAB	0.149772	0.493022	0.850648	-1.17557	0.252249	1.32033	1.32033	0.609451	0.887175	-1.12717	0.0855593	1.55513	1.55513	0.159644	1.41786	1.41786	0.0120322	2.07032	2.07032	0.204848	1.36456	1.36456	0.449281	1.19619	1.19619	0.907639	0.973394	-1.02733	2.13311	1.82381	0.760001	1
cg09362354	CISD2;UBE2D3;UBE2D3	0.149773	0.346571	0.824744	-1.2125	0.161351	0.742792	-1.34627	0.0150369	0.552055	-1.81141	0.244116	0.784865	-1.2741	0.728723	1.07166	1.07166	0.203752	0.765938	-1.30559	0.72116	1.07384	1.07384	0.594615	1.11268	1.11268	0.191479	1.31641	1.31641	2.1331	1.33502	0.55632	1
cg21142153	FUBP1	0.149774	0.938317	0.986126	-1.01407	0.0139978	1.72941	1.72941	0.241436	1.24776	1.24776	0.421245	0.862159	-1.15988	0.666913	0.924814	-1.0813	0.283943	1.22256	1.22256	0.167723	0.766874	-1.304	0.501903	1.13092	1.13092	0.183201	1.29038	1.29038	2.13309	1.10088	0.458753	1
cg27023638	SSR1	0.149779	0.65524	0.847797	-1.17953	0.0181106	0.348359	-2.8706	0.0333618	0.401089	-2.49321	0.139641	0.557664	-1.7932	0.091424	0.505131	-1.97968	0.136385	0.554558	-1.80324	0.466918	0.761863	-1.31257	0.964965	0.983992	-1.01627	0.188066	0.599008	-1.66943	2.13306	4.56025	1.90035	1
cg22855020	SLC20A2	0.149785	0.44282	0.504062	-1.98388	0.914379	0.910138	-1.09873	0.920079	1.09184	1.09184	0.0675731	0.166482	-6.00665	0.367242	0.444457	-2.24994	0.0902595	0.195066	-5.12647	0.0191532	0.0835961	-11.9623	0.0431359	0.130414	-7.66791	0.205977	0.310992	-3.21551	2.13302	25.8934	10.7905	1
cg19091791	C5orf45;C5orf45	0.149789	0.897226	1.09239	1.09239	0.117376	0.312527	-3.19973	0.59063	0.689801	-1.44969	0.433719	1.7268	1.7268	0.179575	0.377274	-2.65059	0.0991444	0.290482	-3.44256	0.0141981	0.126327	-7.91594	0.132013	0.329003	-3.03949	0.298712	0.478748	-2.08878	2.13299	15.7975	6.58333	1
cg08337184	PRKCSH;PRKCSH	0.149792	0.028941	3.08789	3.08789	0.10009	2.20087	2.20087	0.889657	1.06266	1.06266	0.162759	1.92011	1.92011	0.937864	1.03472	1.03472	0.847529	1.08793	1.08793	0.15561	1.9449	1.9449	0.0219054	3.33334	3.33334	0.158869	1.93344	1.93344	2.13297	6.47542	2.69855	1
cg11503687	CTNNA1;LRRTM2	0.149793	0.0934165	0.523896	-1.90877	0.727704	1.13027	1.13027	0.552276	1.23448	1.23448	0.592376	1.20845	1.20845	0.0888146	0.518102	-1.93012	0.71864	0.880954	-1.13513	0.0276882	0.401762	-2.48904	0.916648	1.03736	1.03736	0.154938	1.70452	1.70452	2.13296	4.14621	1.72789	1
cg13741211	TRRAP	0.149794	0.955445	1.02668	1.02668	0.943249	0.967007	-1.03412	0.055274	0.359185	-2.78408	0.966438	1.02003	1.02003	0.0231076	0.278023	-3.59682	0.155207	0.488315	-2.04786	0.029407	0.298536	-3.34968	0.650339	0.806504	-1.23992	0.315525	0.613204	-1.63078	2.13296	7.50189	3.12633	1
cg10498703	SYNE2;SYNE2;SYNE2	0.149795	0.0357174	0.3083	-3.24359	0.0243027	3.64188	3.64188	0.291705	1.69337	1.69337	0.248981	1.78628	1.78628	0.40114	1.51246	1.51246	0.703856	1.20185	1.20185	0.638143	1.25616	1.25616	0.892286	1.0674	1.0674	0.691819	0.82546	-1.21145	2.13295	7.83009	3.26312	1
cg05794117	OBSCN;OBSCN	0.149796	0.0615247	0.158992	-6.28964	0.0491361	0.140738	-7.10541	0.347639	0.429864	-2.32632	0.845872	0.843736	-1.18521	0.0377459	0.121982	-8.19795	0.146078	0.256052	-3.90546	0.356203	0.436682	-2.29	0.0456687	0.135264	-7.39295	0.112228	0.220944	-4.52604	2.13295	25.7508	10.7314	1
cg27338898	NOTCH4;GPSM3	0.149799	0.153626	1.39207	1.39207	0.182776	1.35815	1.35815	0.268062	1.28376	1.28376	0.361432	0.816169	-1.22524	0.785267	0.942579	-1.06092	0.12476	1.4331	1.4331	0.0874103	0.664588	-1.50469	0.335988	0.806691	-1.23963	0.155798	0.719775	-1.38932	2.13293	1.58378	0.660036	1
cg08640361	SGK1;SGK1;SGK1;SGK1	0.1498	0.104557	3.35695	3.35695	0.869104	1.11916	1.11916	0.937065	1.05538	1.05538	0.137526	2.97933	2.97933	0.14233	2.93464	2.93464	0.0512042	4.55186	4.55186	0.162739	2.76533	2.76533	0.0238913	6.29533	6.29533	0.0797671	3.77034	3.77034	2.13292	15.7391	6.55926	1
cg24772162	ANKRD13D;ANKRD13D	0.149804	0.51061	1.34735	1.34735	0.0861918	2.33266	2.33266	0.409182	1.45809	1.45809	0.579023	1.28453	1.28453	0.0119201	0.246104	-4.06333	0.917399	1.04744	1.04744	0.528682	0.751884	-1.32999	0.56053	1.30077	1.30077	0.464914	0.717279	-1.39416	2.13289	6.74293	2.81014	1
cg01440016	TIMM8B;SDHD;TIMM8B	0.149804	0.314416	0.809315	-1.23561	0.990288	1.00248	1.00248	0.0728348	1.50223	1.50223	0.54144	1.13395	1.13395	0.952942	0.98807	-1.01207	0.0636869	0.654453	-1.52799	0.0517039	0.637438	-1.56878	0.575485	0.891315	-1.12194	0.250665	1.27647	1.27647	2.13289	1.39703	0.582218	1
cg18817088	SLC22A12;SLC22A12	0.14981	0.427425	0.807445	-1.23847	0.497099	0.833613	-1.1996	0.0385269	0.531151	-1.88271	0.212363	0.706998	-1.41443	0.0639635	0.577194	-1.73252	0.560866	0.856226	-1.16792	0.105565	1.59475	1.59475	0.0978148	0.619137	-1.61515	0.35688	0.778704	-1.28419	2.13285	2.35363	0.980901	1
cg15153604	RPSAP58	0.149811	0.910798	1.02711	1.02711	0.622987	0.888449	-1.12556	0.108995	1.51772	1.51772	0.773722	1.07123	1.07123	0.223233	1.35727	1.35727	0.425115	1.2146	1.2146	0.554237	0.866929	-1.1535	0.181308	0.71267	-1.40317	0.0181382	0.504155	-1.98352	2.13285	1.92461	0.802104	1
cg17391028	FGD1	0.149815	0.988752	0.994494	-1.00554	0.576716	0.801823	-1.24716	0.132669	0.529684	-1.88792	0.121237	1.93106	1.93106	0.171154	0.565129	-1.76951	0.883128	0.944015	-1.05931	0.0839337	0.472818	-2.11498	0.1363	0.533298	-1.87512	0.115135	1.9561	1.9561	2.13282	5.18183	2.15962	1
cg21974506	COL11A2;COL11A2;COL11A2	0.149816	0.607788	0.77657	-1.28771	0.152005	2.11619	2.11619	0.0325583	0.294632	-3.39406	0.858168	0.91633	-1.09131	0.0388092	0.310791	-3.21759	0.106086	0.422252	-2.36825	0.827574	0.898926	-1.11244	0.994912	0.99689	-1.00312	0.273918	0.573428	-1.7439	2.13281	8.05978	3.35907	1
cg21695395	ETS1;ETS1;ETS1	0.149818	0.0854893	0.403288	-2.47962	0.548256	0.7481	-1.33672	0.721198	0.842671	-1.1867	0.751327	0.859098	-1.16401	0.0720843	0.383259	-2.6092	0.592001	0.772253	-1.29491	0.0257565	0.282219	-3.54335	0.66456	0.811865	-1.23173	0.0191641	0.258203	-3.87292	2.1328	7.70864	3.21274	1
cg12471227	SCAND3	0.149823	0.733506	0.890467	-1.12301	0.206694	0.636299	-1.57159	0.628357	0.847405	-1.18007	0.498774	1.26251	1.26251	0.0309463	0.423162	-2.36316	0.0248182	2.47654	2.47654	0.695028	0.87481	-1.14311	0.833658	0.931099	-1.074	0.837671	1.07212	1.07212	2.13276	3.89245	1.62229	1
cg10736770	FAM83E	0.149825	0.221736	0.752417	-1.32905	0.517189	0.864636	-1.15656	0.0492897	0.608346	-1.6438	0.14626	1.4126	1.4126	0.126763	0.693621	-1.44171	0.117741	0.686416	-1.45684	0.247068	0.764853	-1.30744	0.222089	1.32873	1.32873	0.780786	0.940078	-1.06374	2.13275	1.65706	0.690633	1
cg22148115	SLC25A32;DCAF13	0.149826	0.347484	0.768527	-1.30119	0.596698	0.864725	-1.15644	0.803899	1.07006	1.07006	0.222617	1.41739	1.41739	0.504275	0.831577	-1.20253	0.791169	1.0749	1.0749	0.00754551	0.392349	-2.54875	0.985648	0.995116	-1.00491	0.264305	1.37255	1.37255	2.13274	2.50209	1.04283	1
cg11537811	SNRNP200	0.149827	0.545632	1.5127	1.5127	0.521923	0.64452	-1.55154	0.0642274	0.244816	-4.0847	0.477875	1.62959	1.62959	0.095292	0.289302	-3.45659	0.0540364	0.227655	-4.39261	0.69556	0.766331	-1.30492	0.0880942	0.279796	-3.57403	0.0743055	0.260336	-3.84119	2.13273	15.4692	6.44734	1
cg12204362	TMPO;TMPO;TMPO;LOC100128191	0.149827	0.430398	0.765678	-1.30603	0.378251	1.34972	1.34972	0.106203	1.79548	1.79548	0.0244412	0.410905	-2.43365	0.192055	0.632491	-1.58105	0.118371	0.569826	-1.75492	0.654564	0.861226	-1.16114	0.630837	0.851616	-1.17424	0.603995	1.18955	1.18955	2.13273	3.71709	1.54923	1
cg17620505	FOXP4;FOXP4;FOXP4	0.149827	0.0519806	0.669611	-1.49341	0.0416004	1.53135	1.53135	0.233951	1.25401	1.25401	0.357366	0.842228	-1.18733	0.158682	1.31429	1.31429	0.5609	1.11256	1.11256	0.668095	1.08139	1.08139	0.463576	0.873425	-1.14492	0.667072	0.924499	-1.08167	2.13273	1.11145	0.463236	1
cg15626951	ZFAND2A	0.14983	0.544986	1.15972	1.15972	0.481666	1.18886	1.18886	0.615013	0.884564	-1.1305	0.767519	1.07434	1.07434	0.387846	0.80728	-1.23873	0.0634021	1.65688	1.65688	0.169863	0.702118	-1.42426	0.0212025	0.511638	-1.95451	0.68368	1.10416	1.10416	2.13272	1.97624	0.823672	1
cg06149302	GLB1L3	0.14983	0.635687	1.1214	1.1214	0.325919	1.27574	1.27574	0.0345621	1.80708	1.80708	0.732656	1.08581	1.08581	0.325611	0.783731	-1.27595	0.0360441	1.79578	1.79578	0.147504	0.688577	-1.45227	0.534431	1.16307	1.16307	0.386132	1.23776	1.23776	2.13271	1.94705	0.811505	1
cg16492341	APBB1IP	0.149833	0.452284	1.47112	1.47112	0.401368	0.648558	-1.54188	0.235517	1.87149	1.87149	0.158838	2.13658	2.13658	0.868079	0.919612	-1.08742	0.0914021	0.391747	-2.55267	0.234324	0.533399	-1.87477	0.077379	0.37167	-2.69056	0.159288	2.13459	2.13459	2.13269	8.584	3.57774	1
cg04557181	NPHP4	0.149836	0.198964	0.661574	-1.51155	0.110319	0.588796	-1.69838	0.346409	0.744434	-1.3433	0.706631	0.891287	-1.12197	0.172667	0.642913	-1.55542	0.758535	0.910419	-1.0984	0.0208438	2.33158	2.33158	0.247927	0.692354	-1.44435	0.516418	0.818524	-1.22171	2.13267	3.12921	1.30424	1
cg22480016	KIAA1370	0.149839	0.707094	0.921383	-1.08532	0.662246	0.909065	-1.10003	0.751375	0.933379	-1.07138	0.613792	1.1167	1.1167	0.130077	1.42572	1.42572	0.162432	1.38195	1.38195	0.215354	0.753618	-1.32693	0.964939	0.990511	-1.00958	0.0115852	1.9831	1.9831	2.13265	1.58914	0.662352	1
cg17716930	ASPDH;ASPDH	0.149839	0.303926	0.683265	-1.46356	0.519014	1.26345	1.26345	0.120346	1.82704	1.82704	0.0849611	1.9766	1.9766	0.731541	0.884096	-1.1311	0.328363	0.697062	-1.43459	0.230224	0.637454	-1.56874	0.105749	0.531484	-1.88152	0.151412	1.73301	1.73301	2.13265	4.32196	1.80139	1
cg26686975	MLL2	0.149839	0.991028	1.00322	1.00322	0.0447969	0.517671	-1.93173	0.148299	0.641939	-1.55778	0.414275	0.787758	-1.26943	0.146491	0.640482	-1.56132	0.836565	0.942662	-1.06083	0.0447367	0.517548	-1.93219	0.137023	1.58069	1.58069	0.276509	0.723571	-1.38203	2.13265	2.76004	1.15038	1
cg14166212	KIF1A	0.14984	0.740964	0.922101	-1.08448	0.732267	1.08758	1.08758	0.878482	1.03811	1.03811	0.0908459	1.5768	1.5768	0.0204213	0.505052	-1.97999	0.309332	1.29331	1.29331	0.0927856	0.636259	-1.57169	0.814498	0.944161	-1.05914	0.505506	0.847749	-1.17959	2.13264	2.01865	0.841376	1
cg11748170	NOTCH4	0.14984	0.594869	1.06345	1.06345	0.6543	1.05302	1.05302	0.951075	1.00706	1.00706	0.410415	0.908022	-1.10129	0.267752	0.876056	-1.14148	0.152195	1.19221	1.19221	0.0178377	1.39109	1.39109	0.109299	0.818617	-1.22157	0.746728	0.963539	-1.03784	2.13264	0.443751	0.184956	1
cg19857932	CHORDC1;CHORDC1	0.149841	0.226137	0.686479	-1.45671	0.589359	0.851045	-1.17503	0.870739	0.952943	-1.04938	0.358771	1.3222	1.3222	0.88612	1.04333	1.04333	0.326474	0.740933	-1.34965	0.927004	1.02749	1.02749	0.0117927	0.39422	-2.53665	0.110341	1.67369	1.67369	2.13264	2.95892	1.23328	1
cg15891757	MAD1L1;MAD1L1;MAD1L1	0.149844	0.348929	0.837361	-1.19423	0.662133	0.922252	-1.0843	0.30111	1.21801	1.21801	0.597313	0.906528	-1.10311	0.054577	0.669376	-1.49393	0.52062	1.12734	1.12734	0.0182836	1.69422	1.69422	0.594019	0.905713	-1.1041	0.977409	0.994801	-1.00523	2.13262	1.14446	0.477017	1
cg10883375	C14orf43;C14orf43	0.149853	0.746531	1.06987	1.06987	0.903605	0.975084	-1.02555	0.859996	0.963902	-1.03745	0.0314594	0.591289	-1.69122	0.860843	1.03722	1.03722	0.390223	1.20124	1.20124	0.0241157	1.75083	1.75083	0.262037	1.27578	1.27578	0.499551	0.866984	-1.15342	2.13256	1.46478	0.610547	1
cg16360868	AJAP1;AJAP1	0.149855	0.172421	0.626416	-1.59638	0.426689	0.769971	-1.29875	0.0186981	0.399355	-2.50404	0.0264719	0.428531	-2.33355	0.0640666	0.51158	-1.95473	0.269583	0.690535	-1.44815	0.423651	0.768591	-1.30108	0.5899	0.839246	-1.19155	0.133665	0.593916	-1.68374	2.13254	3.50358	1.46037	1
cg08506775	SERPINE1;SERPINE1	0.149857	0.0103289	0.115145	-8.6847	0.307736	0.493451	-2.02655	0.816437	0.855937	-1.16831	0.143164	2.86517	2.86517	0.981146	1.01593	1.01593	0.432886	1.70817	1.70817	?	?	?	0.863293	1.1222	1.1222	0.975662	1.02062	1.02062	2.14956	13.5438	6.30071	1
cg16588967	PTK7;PTK7;PTK7;PTK7	0.149859	0.0191125	0.508974	-1.96474	0.70364	0.913005	-1.09528	0.87664	1.03768	1.03768	0.0835352	0.633734	-1.57795	0.046828	0.581624	-1.71932	0.829562	0.94996	-1.05268	0.246497	1.33455	1.33455	0.914805	0.974839	-1.02581	0.824379	0.948449	-1.05435	2.13251	1.91524	0.798322	1
cg17207746	WDR60	0.14986	0.422621	0.822889	-1.21523	0.516413	0.855063	-1.1695	0.901936	0.971089	-1.02977	0.63718	1.1197	1.1197	0.0142178	0.486847	-2.05403	0.0698116	0.617215	-1.62018	0.477034	1.18776	1.18776	0.687974	1.10085	1.10085	0.0850887	0.63565	-1.57319	2.13251	1.91296	0.797376	1
cg19821124	C14orf49	0.149861	0.81496	1.08803	1.08803	0.0330263	2.45258	2.45258	0.0148306	2.941	2.941	0.0467531	2.26907	2.26907	0.296421	1.47642	1.47642	0.958201	1.01904	1.01904	0.69714	1.15114	1.15114	0.523839	1.26173	1.26173	0.344855	1.41928	1.41928	2.1325	4.37434	1.82335	1
cg11209218	OTUD6B	0.149861	0.3246	0.86844	-1.15149	0.154178	0.809354	-1.23555	0.257506	1.17804	1.17804	0.743268	0.955449	-1.04663	0.467872	1.10785	1.10785	0.0572441	0.742099	-1.34753	0.042352	1.38295	1.38295	0.944592	0.990408	-1.00968	0.407912	1.12455	1.12455	2.1325	0.649404	0.270691	1
cg16600012	METT5D1;METT5D1	0.149863	0.629808	1.15591	1.15591	0.893479	0.960822	-1.04078	0.595866	0.852418	-1.17313	0.992946	1.00264	1.00264	0.305071	1.37277	1.37277	0.0307409	2.13188	2.13188	0.00949509	2.66523	2.66523	0.588602	1.17692	1.17692	0.944747	1.02089	1.02089	2.13249	3.00568	1.25286	1
cg18746364	NCBP2;LOC152217;NCBP2;NCBP2;NCBP2	0.149864	0.474026	1.15362	1.15362	0.0267361	0.597408	-1.6739	0.504643	0.875571	-1.14211	0.254365	0.791687	-1.26313	0.104522	0.705922	-1.41659	0.0965419	0.69901	-1.4306	0.171948	0.751728	-1.33027	0.239879	1.2732	1.2732	0.370731	0.83494	-1.19769	2.13248	1.30095	0.54228	1
cg22036614	DNAH10	0.149865	0.288667	0.827854	-1.20794	0.535811	0.898041	-1.11353	0.0261808	0.636072	-1.57215	0.0575375	1.4454	1.4454	0.676155	0.930483	-1.07471	0.802939	0.958022	-1.04382	0.222106	1.24618	1.24618	0.472202	1.13362	1.13362	0.38255	0.857624	-1.16601	2.13247	0.993515	0.414132	1
cg06733903	TMTC1	0.149867	0.0341337	0.134849	-7.41569	0.746054	1.30127	1.30127	0.89469	1.1133	1.1133	0.622922	0.669213	-1.49429	0.00966395	0.0703887	-14.2068	0.705981	1.35955	1.35955	0.797185	1.23209	1.23209	0.529719	0.596938	-1.67522	0.345436	0.454987	-2.19787	2.13246	22.1816	9.24613	1
cg20777740	RPL37	0.149868	0.0168235	2.0173	2.0173	0.343305	1.26474	1.26474	0.198726	0.72128	-1.38642	0.270807	1.31761	1.31761	0.502805	0.84908	-1.17774	0.383857	1.23963	1.23963	0.749862	0.925935	-1.07999	0.0706277	1.62585	1.62585	0.786228	1.06759	1.06759	2.13246	1.95465	0.814772	1
cg26271086	FBXO33;FBXO33	0.149868	0.540775	1.24521	1.24521	0.0606034	2.11548	2.11548	0.852245	1.06827	1.06827	0.38249	1.37328	1.37328	0.378496	0.726142	-1.37714	0.152771	1.72007	1.72007	0.0331398	0.413897	-2.41606	0.383867	0.728886	-1.37196	0.466749	1.29991	1.29991	2.13245	4.23644	1.76591	1
cg24734735	LOC154822	0.149868	0.0725225	0.721143	-1.38669	0.293723	1.19446	1.19446	0.82357	1.0371	1.0371	0.431517	1.13994	1.13994	0.142163	0.773024	-1.29362	0.229613	1.22834	1.22834	0.0469188	1.44932	1.44932	0.462695	0.885177	-1.12972	0.385779	1.15611	1.15611	2.13245	0.898972	0.374727	1
cg12755035	CGREF1;CGREF1;CGREF1;CGREF1;CGREF1	0.14987	0.0934609	0.771106	-1.29684	0.165666	0.811964	-1.23158	0.251732	0.844766	-1.18376	0.434535	1.11889	1.11889	0.0151411	0.656759	-1.52263	0.418308	0.890012	-1.12358	0.336101	0.869587	-1.14997	0.924547	1.01344	1.01344	0.0717227	0.753307	-1.32748	2.13244	0.670366	0.279436	1
cg01550307	LOC284100	0.149874	0.465136	1.64972	1.64972	0.0389432	5.00127	5.00127	0.110176	3.22993	3.22993	0.758723	0.812632	-1.23057	0.223095	0.42227	-2.36815	0.636695	0.725858	-1.37768	0.415875	0.571207	-1.75068	0.580539	0.686688	-1.45627	0.056134	4.29204	4.29204	2.13242	15.3162	6.38448	1
cg07914822	GATA5	0.149875	0.788232	1.05522	1.05522	0.00957375	0.51945	-1.92511	0.67292	0.918722	-1.08847	0.200993	1.30949	1.30949	0.286887	0.801888	-1.24706	0.632899	1.10084	1.10084	0.125328	0.718052	-1.39266	0.531575	0.881159	-1.13487	0.825308	1.04512	1.04512	2.13241	1.34619	0.561156	1
cg04254242	LBH	0.149876	0.624858	0.900276	-1.11077	0.0191816	0.546574	-1.82958	0.853058	1.04032	1.04032	0.518326	0.86971	-1.14981	0.371445	0.822317	-1.21608	0.254228	0.775852	-1.28891	0.0359969	1.68199	1.68199	0.820685	0.952756	-1.04959	0.970479	0.992142	-1.00792	2.1324	1.53472	0.639745	1
cg24331475	TTC39C;TTC39C;TTC39C	0.149877	0.0619159	0.259141	-3.8589	0.274583	0.481805	-2.07553	0.665501	0.756237	-1.32234	0.171882	0.39291	-2.54511	0.119155	0.337448	-2.96342	0.151796	0.372943	-2.68138	0.0199475	0.16458	-6.07608	0.134487	0.354667	-2.81955	0.049339	0.236693	-4.22489	2.13239	13.9347	5.80871	1
cg01127291	FAM123B	0.14988	0.341789	1.30461	1.30461	0.274359	0.734361	-1.36173	0.904218	1.03322	1.03322	0.127398	1.5644	1.5644	0.47075	0.819404	-1.2204	0.403551	0.792916	-1.26117	0.12251	0.634896	-1.57506	0.44262	0.80855	-1.23678	0.0296028	2.00421	2.00421	2.13237	2.48874	1.03744	1
cg26434881	JPH3	0.149881	0.206155	0.660348	-1.51435	0.790874	1.08622	1.08622	0.495804	1.24013	1.24013	0.26818	1.43178	1.43178	0.33158	0.732171	-1.3658	0.262691	0.695299	-1.43823	0.0216379	0.423931	-2.35888	0.065232	0.525125	-1.90431	0.267574	0.698088	-1.43248	2.13237	3.27062	1.36337	1
cg11494866	THAP1;THAP1	0.149881	0.407877	0.832747	-1.20085	0.0903252	0.66797	-1.49707	0.573178	1.13097	1.13097	0.976861	1.00629	1.00629	0.997241	0.999253	-1.00075	0.0609259	1.5788	1.5788	0.0662875	1.561	1.561	0.337137	0.807392	-1.23856	0.180319	0.735216	-1.36014	2.13237	1.57854	0.658025	1
cg20424065	AKAP12;AKAP12	0.149887	0.0937516	1.47553	1.47553	0.584983	0.890115	-1.12345	0.763074	1.06589	1.06589	0.0215018	1.79127	1.79127	0.427742	1.18638	1.18638	0.0233068	1.77218	1.77218	0.734589	1.07447	1.07447	0.162699	1.36967	1.36967	0.515332	1.1494	1.1494	2.13232	1.50463	0.627224	1
cg20617669	C1orf86	0.149887	0.0923663	0.490719	-2.03782	0.335266	0.68258	-1.46503	0.0295363	0.373513	-2.67728	0.3476	0.689585	-1.45015	0.0352519	0.389684	-2.56618	0.715798	0.868905	-1.15087	0.103079	0.50394	-1.98436	0.322525	0.675211	-1.48102	0.0449802	0.413043	-2.42106	2.13232	4.98783	2.07924	1
cg10906135	GLTSCR1	0.149887	0.755864	1.07405	1.07405	0.031105	1.78528	1.78528	0.850051	1.04431	1.04431	0.380939	1.22857	1.22857	0.0950256	1.52229	1.52229	0.249563	0.759082	-1.31738	0.132955	1.44966	1.44966	0.154333	0.705212	-1.41801	0.370977	1.2342	1.2342	2.13232	1.77193	0.738655	1
cg14641596	C3orf21	0.149894	0.804648	0.89946	-1.11178	0.00955401	0.245781	-4.06866	0.319758	0.644282	-1.55211	0.690448	1.18668	1.18668	0.187092	0.549972	-1.81827	0.141855	0.509	-1.96464	0.0815201	0.438	-2.2831	0.184089	0.547454	-1.82664	0.930845	1.03781	1.03781	2.13228	6.17408	2.5738	1
cg22701032	PCYOX1	0.149894	0.151488	0.563435	-1.77483	0.0640914	2.17442	2.17442	0.0393109	2.43542	2.43542	0.897195	0.95289	-1.04944	0.387947	0.718688	-1.39142	0.872493	1.06179	1.06179	0.233861	0.627569	-1.59345	0.37405	1.40582	1.40582	0.319576	1.4681	1.4681	2.13228	4.70609	1.96184	1
cg07560035	FAM84B;FAM84B	0.149897	0.810616	0.968626	-1.03239	0.662359	0.943327	-1.06008	0.43918	1.11045	1.11045	0.74131	1.04497	1.04497	0.441158	1.10993	1.10993	0.0930231	1.2781	1.2781	0.0154165	0.673863	-1.48398	0.839651	0.973457	-1.02727	0.144883	1.23109	1.23109	2.13226	0.595423	0.248218	1
cg01494348	NAPRT1	0.149898	0.144208	3.20466	3.20466	0.789774	1.21941	1.21941	0.69668	1.33752	1.33752	0.269373	0.425746	-2.34882	0.143414	3.21317	3.21317	0.721625	0.766754	-1.3042	0.0126889	9.97059	9.97059	0.651468	0.713489	-1.40156	0.175926	2.91041	2.91041	2.13225	18.6117	7.75881	1
cg09520904	CCND1	0.149899	0.171808	0.510794	-1.95773	0.0360251	0.324232	-3.08421	0.0200671	0.273744	-3.65305	0.926346	0.958196	-1.04363	0.0585863	0.372777	-2.68257	0.231159	0.559862	-1.78615	0.226127	0.555996	-1.79857	0.991694	0.995204	-1.00482	0.879217	0.93218	-1.07275	2.13225	7.20292	3.00275	1
cg22712983	PNKD;PNKD	0.1499	0.861706	0.894258	-1.11825	0.0295166	5.16936	5.16936	0.0298935	5.14317	5.14317	0.507158	0.649648	-1.5393	0.896421	0.919906	-1.08707	0.501852	0.646043	-1.54788	0.289156	0.493991	-2.02433	0.224806	2.2642	2.2642	0.90635	0.927341	-1.07835	2.13224	13.8739	5.78374	1
cg01095183	TLK1;TLK1	0.149903	0.236673	1.29101	1.29101	0.0957073	1.4579	1.4579	0.57599	1.12344	1.12344	0.99117	1.00228	1.00228	0.294732	0.799419	-1.25091	0.952327	1.01239	1.01239	0.0459018	0.624138	-1.60221	0.10685	0.695815	-1.43716	0.241646	1.28722	1.28722	2.13222	1.43318	0.597471	1
cg24620454	ORMDL2;SARNP;SARNP;SARNP;SARNP	0.149903	0.0933132	1.38008	1.38008	0.314212	1.19918	1.19918	0.383739	1.16867	1.16867	0.430428	0.86897	-1.15079	0.690685	0.932579	-1.07229	0.624313	1.08996	1.08996	0.0315565	0.644045	-1.55269	0.259035	1.22813	1.22813	0.123632	1.3378	1.3378	2.13222	1.02844	0.428741	1
cg22693266	CCDC91	0.149904	0.0840177	0.356601	-2.80425	0.0297712	0.251724	-3.9726	0.129974	0.413877	-2.41618	0.365733	0.60579	-1.65074	0.0163265	0.205237	-4.87242	0.205729	0.486761	-2.05439	0.200449	0.482206	-2.0738	0.798417	0.87107	-1.14801	0.43101	0.64824	-1.54264	2.13221	9.8234	4.09524	1
cg14571130	APCDD1L	0.149906	0.499942	1.20029	1.20029	0.436053	0.809086	-1.23596	0.678338	0.894768	-1.11761	0.143501	0.657649	-1.52057	0.89023	0.963854	-1.0375	0.576939	0.86049	-1.16213	0.0136538	2.25529	2.25529	0.699362	0.901714	-1.109	0.118434	0.636405	-1.57133	2.1322	2.40028	1.00065	1
cg21592293	EFR3B	0.149908	0.627042	1.08363	1.08363	0.644474	0.926611	-1.0792	0.995216	1.00098	1.00098	0.607582	0.918544	-1.08868	0.365651	0.858589	-1.1647	0.0297234	0.657249	-1.52149	0.0181086	0.624491	-1.6013	0.734983	0.945793	-1.05731	0.219593	1.23584	1.23584	2.13219	0.908622	0.378797	1
cg08004425	GRIK3	0.149909	0.283566	0.668464	-1.49597	0.0134117	0.330558	-3.02519	0.417817	1.34895	1.34895	0.664166	1.17108	1.17108	0.0792196	0.49437	-2.02278	0.434061	1.33452	1.33452	0.625367	1.1947	1.1947	0.987294	1.00577	1.00577	0.484919	1.2925	1.2925	2.13217	4.41351	1.83996	1
cg16804899	ZNF512;ZNF512	0.149918	0.763712	0.74927	-1.33463	0.295983	0.346215	-2.88838	0.508029	0.523197	-1.91133	?	?	?	?	?	?	?	?	?	0.0642523	8.59715	8.59715	0.0919447	0.150756	-6.63325	?	?	?	2.69894	19.9024	7.37416	1
cg22361413	PBX1	0.149921	0.644624	0.857158	-1.16665	0.973777	0.989151	-1.01097	0.915257	0.965293	-1.03595	0.649815	0.859258	-1.16379	0.0715102	0.512792	-1.95011	0.012533	2.80283	2.80283	0.795768	0.917523	-1.08989	0.239646	1.50474	1.50474	0.481198	0.788517	-1.2682	2.13209	3.71883	1.55041	1
cg06744978	SYT5	0.149922	0.0744142	0.744895	-1.34247	0.20077	1.22166	1.22166	0.198081	1.2233	1.2233	0.992811	1.00134	1.00134	0.0248853	0.673299	-1.48522	0.730009	0.949964	-1.05267	0.825264	1.0333	1.0333	0.73166	0.950277	-1.05232	0.2781	1.18188	1.18188	2.13209	0.741295	0.309054	1
cg11419304	ANTXR1;ANTXR1;ANTXR1	0.149923	0.0515175	0.321229	-3.11305	0.820473	0.890069	-1.12351	0.400357	0.643358	-1.55434	0.056327	0.330483	-3.02588	0.15783	0.461298	-2.1678	0.994218	1.00372	1.00372	0.0445433	0.306703	-3.26048	0.624461	1.2876	1.2876	0.0567654	0.331299	-3.01842	2.13208	8.86368	3.69537	1
cg16704530	TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP2	0.149925	0.166453	0.728849	-1.37203	0.504624	0.864894	-1.15621	0.582774	1.1263	1.1263	0.276765	0.784656	-1.27444	0.586946	1.12479	1.12479	0.140087	1.40539	1.40539	0.0142977	1.91098	1.91098	0.724414	1.07884	1.07884	0.637956	0.903383	-1.10695	2.13207	1.55186	0.646992	1
cg18115081	RELB	0.149926	0.986082	0.996537	-1.00348	0.081488	0.681114	-1.46818	0.369185	1.20132	1.20132	0.565438	1.1225	1.1225	0.0121457	0.537047	-1.86203	0.49944	0.872541	-1.14608	0.475687	1.15517	1.15517	0.208352	0.768135	-1.30185	0.486418	0.868797	-1.15102	2.13206	1.33556	0.556815	1
cg24869748	SNX14;SNX14	0.149927	0.295765	1.56082	1.56082	0.865443	1.07212	1.07212	0.918738	1.0428	1.0428	0.173456	1.81254	1.81254	0.276122	1.59232	1.59232	0.772828	0.887935	-1.12621	0.00946266	0.259169	-3.85849	0.622179	0.815498	-1.22624	0.475803	0.742486	-1.34683	2.13206	5.69375	2.37381	1
cg24136700	RAI1	0.149934	0.294409	0.586368	-1.70541	0.0630134	0.358234	-2.79147	0.331664	0.611626	-1.63499	0.0710835	0.371677	-2.69051	0.52976	0.731636	-1.3668	0.119541	0.436421	-2.29137	0.169316	0.487372	-2.05182	0.0117603	0.213389	-4.68627	0.171674	0.48955	-2.04269	2.13201	8.13599	3.3921	1
cg03071102	PRIC285;PRIC285	0.149938	0.643193	1.20908	1.20908	0.683166	1.18177	1.18177	0.752457	0.879171	-1.13744	0.13903	1.91184	1.91184	0.00770809	0.248253	-4.02815	0.811155	0.907175	-1.10232	0.303825	0.648277	-1.54255	0.489801	1.33046	1.33046	0.861702	0.931493	-1.07354	2.13198	5.59294	2.33187	1
cg17933838	ATAD2B;ATAD2B	0.149939	0.0411647	0.466261	-2.14472	0.933362	0.973277	-1.02746	0.467117	0.786896	-1.27082	0.482449	0.793573	-1.26012	0.222086	0.659927	-1.51532	0.390222	0.751895	-1.32997	0.0169254	0.389249	-2.56905	0.941399	0.97647	-1.0241	0.188107	1.57102	1.57102	2.13197	3.54206	1.4768	1
cg19266034	THAP5;DNAJB9;THAP5;DNAJB9	0.14994	0.0900636	0.670141	-1.49222	0.212295	1.32508	1.32508	0.111835	1.44916	1.44916	0.247806	0.771926	-1.29546	0.920428	1.02164	1.02164	0.303398	0.795815	-1.25657	0.449891	0.847927	-1.17935	0.0703805	1.54236	1.54236	0.400954	0.831774	-1.20225	2.13197	1.54994	0.64622	1
cg07711036	MIR218-1;SLIT2	0.14994	0.268483	1.21811	1.21811	0.0952163	1.36865	1.36865	0.131101	1.32188	1.32188	0.121683	1.33272	1.33272	0.774293	1.05045	1.05045	0.247369	0.812982	-1.23004	0.0394306	1.5036	1.5036	0.284242	1.20977	1.20977	0.326148	0.840677	-1.18952	2.13196	0.989504	0.412558	1
cg22536580	CALCB	0.149942	0.334727	1.20791	1.20791	0.541484	0.889266	-1.12452	0.758885	1.0602	1.0602	0.597278	1.10654	1.10654	0.37506	1.18871	1.18871	0.24944	1.25678	1.25678	0.051651	0.656685	-1.5228	0.0269872	0.608189	-1.64423	0.500914	1.1385	1.1385	2.13195	1.21731	0.507542	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12145550	ZNF335	0.149945	0.204859	0.818781	-1.22133	0.218138	1.21362	1.21362	0.99495	0.999055	-1.00095	0.626125	1.07614	1.07614	0.102742	1.30581	1.30581	0.998597	1.00026	1.00026	0.0183811	0.652093	-1.53352	0.326919	0.859622	-1.1633	0.658401	1.06876	1.06876	2.13193	0.754232	0.31447	1
cg13710816	MARCH2;MARCH2;MARCH2	0.149946	0.0429784	0.648498	-1.54203	0.156668	1.3254	1.3254	0.185888	1.29799	1.29799	0.146508	1.33618	1.33618	0.59894	1.10372	1.10372	0.119904	0.730703	-1.36855	0.353978	0.837499	-1.19403	0.807761	0.955681	-1.04637	0.900408	0.976987	-1.02356	2.13192	1.16758	0.486812	1
cg26424956	GRM4	0.149946	0.842626	0.892744	-1.12014	0.197697	2.17526	2.17526	0.0743465	3.1107	3.1107	0.873761	0.913243	-1.095	0.836136	0.888506	-1.12548	0.331097	1.77246	1.77246	0.016034	0.185925	-5.37851	0.782391	0.853822	-1.1712	0.470783	0.657869	-1.52006	2.13192	10.9997	4.58624	1
cg25020699	PI4K2B	0.14995	0.855679	0.978336	-1.02214	0.915478	1.01285	1.01285	0.0860931	0.795999	-1.25628	0.469604	1.09254	1.09254	0.281138	1.14426	1.14426	0.977057	1.00347	1.00347	0.0223733	1.38989	1.38989	0.45081	1.09684	1.09684	0.118634	0.815631	-1.22604	2.1319	0.488664	0.203747	1
cg00679281	SBK1	0.14995	0.0470509	0.477579	-2.09389	0.252894	0.678206	-1.47448	0.10519	0.562338	-1.77829	0.0848505	0.53814	-1.85825	0.0942873	0.549854	-1.81866	0.747918	0.90046	-1.11054	0.0161982	0.384296	-2.60216	0.29316	0.701463	-1.42559	0.430668	0.769861	-1.29894	2.1319	3.56987	1.48845	1
cg24012708	HDHD3;HDHD3	0.149951	0.265112	1.2943	1.2943	0.104433	0.674183	-1.48328	0.121719	0.688913	-1.45156	0.404269	1.20872	1.20872	0.206098	1.3448	1.3448	0.586372	0.885118	-1.12979	0.0532586	1.62865	1.62865	0.466465	0.848225	-1.17893	0.40412	0.827271	-1.20879	2.13189	1.66588	0.694588	1
cg15901216	C14orf102;C14orf102	0.149954	0.773341	1.06406	1.06406	0.758795	1.06847	1.06847	0.0845018	1.5073	1.5073	0.437005	0.843248	-1.18589	0.0668014	0.642826	-1.55563	0.0545086	0.625583	-1.59851	?	?	?	0.325279	1.2441	1.2441	0.571074	0.884181	-1.13099	2.14889	1.39875	0.650919	1
cg14777873	ISY1;ISY1	0.149955	0.998108	0.99954	-1.00046	0.762759	1.06048	1.06048	0.978914	1.00514	1.00514	0.0508007	0.649452	-1.53976	0.0502376	1.54183	1.54183	0.866684	1.03313	1.03313	0.409959	1.17757	1.17757	0.810117	0.954381	-1.0478	0.0341614	1.6152	1.6152	2.13187	1.27038	0.529688	1
cg12928264	SPTBN1	0.149964	0.487193	0.720289	-1.38833	0.410759	1.4784	1.4784	0.456813	1.42223	1.42223	0.107281	0.441723	-2.26386	0.0314496	0.309485	-3.23117	0.0352868	0.319977	-3.12522	0.291611	0.601327	-1.66299	0.772249	1.14441	1.14441	0.871554	1.07811	1.07811	2.13181	7.29407	3.04138	1
cg08743688	UBE2I;UBE2I;UBE2I;UBE2I	0.149965	0.8422	0.96683	-1.03431	0.035816	1.51184	1.51184	0.307573	1.19571	1.19571	0.387006	1.16191	1.16191	0.372947	0.856594	-1.16741	0.31241	1.19344	1.19344	0.0140132	1.671	1.671	0.826644	1.03782	1.03782	0.259552	1.22024	1.22024	2.1318	0.966961	0.403191	1
cg16659246	LCORL;LCORL	0.149966	0.575933	1.17702	1.17702	0.283598	1.37893	1.37893	0.865526	1.0501	1.0501	0.384127	0.773075	-1.29353	0.762061	1.09153	1.09153	0.515147	1.20967	1.20967	0.00613737	0.356546	-2.80469	0.365152	0.764623	-1.30783	0.937428	1.0229	1.0229	2.13179	2.80854	1.17107	1
cg23241950	GSTM1;GSTM1	0.149968	0.444114	0.93837	-1.06568	0.536339	1.05238	1.05238	0.743312	0.973563	-1.02715	0.691063	0.967955	-1.03311	0.399406	0.932079	-1.07287	0.463881	1.06267	1.06267	0.00748657	1.32407	1.32407	0.398135	0.931893	-1.07308	0.317415	0.919189	-1.08792	2.13178	0.224448	0.093588	1
cg10091775	CA12;CA12	0.149969	0.274833	0.795575	-1.25695	0.303531	1.23925	1.23925	0.343756	0.821755	-1.21691	0.633621	1.10148	1.10148	0.016848	0.556012	-1.79852	0.523999	1.1388	1.1388	0.984007	0.995974	-1.00404	0.59466	1.11416	1.11416	0.0600774	0.652512	-1.53254	2.13177	1.3679	0.570377	1
cg10501074	ZDHHC4;ZDHHC4;ZDHHC4;ZDHHC4	0.149985	0.0171599	2.84086	2.84086	0.258036	0.654242	-1.52849	0.166394	0.588331	-1.69972	0.6052	0.82906	-1.20619	0.91816	1.03764	1.03764	0.276854	1.50167	1.50167	0.172809	0.593608	-1.68461	0.517256	1.26621	1.26621	0.731589	0.883576	-1.13176	2.13166	4.36293	1.81932	1
cg12855547	MCC	0.149987	0.216132	0.548667	-1.8226	0.452841	1.42286	1.42286	0.161217	1.99375	1.99375	0.927695	0.959008	-1.04274	0.0804302	0.40892	-2.44547	0.288024	0.601291	-1.66309	0.11953	0.458874	-2.17925	0.0334629	0.317968	-3.14497	0.903513	0.945609	-1.05752	2.13165	7.17949	2.99382	1
cg05610699	POM121	0.14999	0.0506492	0.796259	-1.25587	0.919078	1.01045	1.01045	0.309523	0.898	-1.11359	0.101196	1.20155	1.20155	0.876642	0.984234	-1.01602	0.0265216	1.3087	1.3087	0.886775	0.985531	-1.01468	0.842181	1.0206	1.0206	0.937376	1.00807	1.00807	2.13163	0.353322	0.147335	1
cg27309905	LSAMP	0.149991	0.491328	0.720504	-1.38792	0.608103	1.2745	1.2745	0.691097	0.829189	-1.206	0.919083	1.04881	1.04881	0.00654643	0.190799	-5.24112	0.632458	1.25354	1.25354	0.350318	1.56961	1.56961	0.673232	1.22008	1.22008	0.163346	0.497738	-2.00909	2.13162	7.42463	3.09608	1
cg19622569	KIAA1530	0.149995	0.0577215	0.185297	-5.39675	0.183629	0.333861	-2.99526	0.397246	0.51151	-1.955	0.204713	0.353527	-2.82864	0.0223332	0.114016	-8.77073	0.156369	0.307091	-3.25636	0.024103	0.118638	-8.42903	0.710179	0.749879	-1.33355	0.187282	0.337327	-2.96448	2.24113	20.6331	7.16066	1
cg06237151	ANUBL1;ANUBL1	0.149999	0.203138	0.78761	-1.26966	0.0240352	0.619806	-1.61341	0.124163	0.743867	-1.34433	0.915774	1.01898	1.01898	0.167044	0.76967	-1.29926	0.384978	0.853597	-1.17151	0.0222777	0.614569	-1.62716	0.797332	0.955296	-1.0468	0.131645	0.748838	-1.3354	2.13157	1.06627	0.444646	1
cg01441049	ANGPTL7;MTOR	0.15	0.57168	1.12409	1.12409	0.00464605	2.16089	2.16089	0.222492	1.30002	1.30002	0.461595	0.857795	-1.16578	0.575549	1.12274	1.12274	0.822754	1.04699	1.04699	0.188798	1.32969	1.32969	0.969065	1.00797	1.00797	0.995812	1.00107	1.00107	2.13156	1.41404	0.589673	1
cg04480285	DDB1	0.150001	0.480615	0.656429	-1.52339	0.117486	0.368534	-2.71346	0.882313	1.09087	1.09087	0.667428	1.28891	1.28891	0.0283728	0.218876	-4.5688	0.0349903	0.236341	-4.23117	0.103571	0.351628	-2.84391	0.98478	1.01126	1.01126	0.140249	0.393924	-2.53856	2.13155	11.6371	4.85284	1
cg15552626	LOC100009676;ZBTB11	0.150007	0.980063	1.01409	1.01409	0.270486	0.523851	-1.90894	0.33956	0.574753	-1.73988	0.200681	2.14542	2.14542	0.360401	1.69693	1.69693	0.560549	0.718812	-1.39119	?	?	?	0.039937	0.25649	-3.89879	0.0488587	0.276276	-3.61957	2.25692	9.75556	3.7822	1
cg03435229	RBMX;RBMX;RBMX;RBMX	0.150008	0.192381	1.41954	1.41954	0.818785	1.06	1.06	0.258379	1.34909	1.34909	0.898137	0.968004	-1.03305	0.0685846	0.595942	-1.67802	0.0911571	1.60389	1.60389	0.17912	0.696032	-1.43671	0.322866	1.29599	1.29599	0.113845	1.54771	1.54771	2.13151	2.17634	0.907586	1
cg07630532	HRH3	0.150008	0.78124	0.969531	-1.03143	0.373158	1.10696	1.10696	0.0157457	1.38946	1.38946	0.0297259	1.32893	1.32893	0.183488	1.16982	1.16982	0.447593	1.08984	1.08984	0.459519	0.919703	-1.08731	0.899031	0.98599	-1.01421	0.451708	1.08896	1.08896	2.1315	0.417047	0.173919	1
cg22416376	SLC7A2;SLC7A2;SLC7A2	0.15001	0.0495624	0.325116	-3.07582	0.362014	0.625092	-1.59976	0.823061	0.893766	-1.11886	0.385524	1.56226	1.56226	0.0128645	0.212468	-4.70659	0.168277	0.478887	-2.08817	0.217102	0.5214	-1.91791	0.757829	0.856334	-1.16777	0.256261	0.551969	-1.8117	2.13149	8.48949	3.54034	1
cg06978288	STBD1	0.150011	0.278403	0.546886	-1.82853	0.114415	0.398745	-2.50787	0.683568	1.24538	1.24538	0.188123	0.473881	-2.11023	0.0261736	0.2435	-4.10677	0.894154	0.931201	-1.07388	0.0425647	0.286406	-3.49154	0.0582545	0.317908	-3.14556	0.34842	0.596355	-1.67685	2.13149	9.67939	4.03657	1
cg23946462	CHID1;CHID1;CHID1;CHID1;CHID1	0.150013	0.423421	0.718267	-1.39224	0.460808	1.35513	1.35513	0.564574	1.2658	1.2658	0.845548	0.924099	-1.08213	0.0061634	0.235498	-4.24633	0.0907129	0.470335	-2.12614	0.56998	0.792656	-1.26158	0.725866	0.867208	-1.15313	0.925637	0.962921	-1.03851	2.13147	5.52986	2.30612	1
cg19332075	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.150016	0.129753	0.144058	-6.94164	0.0232489	0.0403174	-24.8032	0.827699	1.29439	1.29439	0.0973713	8.6146	8.6146	0.339723	3.20531	3.20531	0.196056	0.198214	-5.04506	0.400401	0.360967	-2.77033	0.686531	0.618618	-1.61651	0.755414	0.690797	-1.4476	2.13145	47.3051	19.7279	1
cg03298305	ISOC2;ISOC2;ISOC2	0.15002	0.77507	0.897101	-1.1147	0.490534	1.304	1.304	0.557148	1.25238	1.25238	0.957766	0.980128	-1.02027	0.633668	1.19958	1.19958	0.986619	1.00638	1.00638	0.0125229	0.308117	-3.24552	0.0336791	0.390549	-2.5605	0.775797	1.1143	1.1143	2.13142	4.84926	2.02233	1
cg09357276	ZFP42	0.15002	0.0646801	2.27237	2.27237	0.124135	1.93216	1.93216	0.399583	1.40651	1.40651	0.599899	0.811099	-1.23289	0.2335	1.63902	1.63902	0.809327	0.908808	-1.10034	0.139837	0.533448	-1.8746	0.916975	1.04211	1.04211	0.0701085	0.448894	-2.2277	2.13142	5.28186	2.20275	1
cg10518481	PTPRS;PTPRS;PTPRS;PTPRS	0.150022	0.0451807	0.16409	-6.09421	0.703515	0.740278	-1.35084	0.0718213	0.205827	-4.85845	0.538715	1.63155	1.63155	0.289157	0.420904	-2.37584	0.536159	0.610977	-1.63672	0.0199136	0.10969	-9.1166	0.579294	0.643745	-1.55341	0.101015	0.243534	-4.10621	2.13141	20.8806	8.70809	1
cg20294155	PPP2R2D;PPP2R2D;PPP2R2D	0.150025	0.921049	1.04469	1.04469	0.260146	1.67862	1.67862	0.699578	1.18649	1.18649	0.696738	1.18853	1.18853	0.0274779	0.316652	-3.15804	0.0626052	0.396914	-2.51944	0.0864971	0.433853	-2.30493	0.506711	1.34592	1.34592	0.515497	0.747674	-1.33748	2.13139	6.56462	2.73775	1
cg02788233	PTPRG	0.150028	0.589895	1.20826	1.20826	0.117248	0.553461	-1.80681	0.105844	0.541102	-1.84808	0.293306	0.684534	-1.46085	0.32516	1.42367	1.42367	0.943883	0.975822	-1.02478	0.122892	1.78808	1.78808	0.116271	1.81016	1.81016	0.168848	1.66479	1.66479	2.13137	4.08035	1.70171	1
cg25728206	ARHGAP22	0.150029	0.32629	0.439459	-2.27552	0.00587999	0.0537011	-18.6216	0.075196	0.200426	-4.98936	0.870234	0.875782	-1.14184	0.725968	0.751653	-1.3304	0.315356	0.430736	-2.32161	0.172394	0.30781	-3.24876	0.251024	0.377948	-2.64586	0.988054	0.987927	-1.01222	2.13136	22.2174	9.26582	1
cg07678594	JUP;JUP	0.15003	0.946927	0.989231	-1.01089	0.154117	1.28165	1.28165	0.133996	0.768851	-1.30064	0.0217344	0.638851	-1.56531	0.312523	1.18521	1.18521	0.362995	1.16424	1.16424	0.305783	1.18824	1.18824	0.934255	1.01351	1.01351	0.445004	0.881051	-1.13501	2.13135	0.893022	0.372438	1
cg23509266	BAT4	0.150031	0.422633	0.806524	-1.23989	0.0192178	2.10354	2.10354	0.0393886	1.86946	1.86946	0.992824	1.00236	1.00236	0.310667	1.31704	1.31704	0.839309	1.05475	1.05475	0.26211	1.35931	1.35931	0.10128	1.60168	1.60168	0.241607	1.37958	1.37958	2.13135	2.32641	0.970239	1
cg17120607	TMEM132B	0.150031	0.0700238	0.645486	-1.54922	0.27897	1.27539	1.27539	0.958634	0.988854	-1.01127	0.427601	0.83943	-1.19129	0.818832	1.05083	1.05083	0.0451592	1.64324	1.64324	0.0808405	1.51948	1.51948	0.182312	1.35783	1.35783	0.933743	0.982192	-1.01813	2.13135	1.57642	0.657455	1
cg24768163	MANBA	0.150032	0.38143	1.8374	1.8374	0.155092	0.356613	-2.80416	0.0388704	0.197778	-5.05617	0.375069	0.539588	-1.85326	0.179293	0.380338	-2.62924	0.407897	0.563456	-1.77476	0.26646	0.456288	-2.1916	0.0799171	3.73149	3.73149	0.737437	1.2561	1.2561	2.13134	15.5018	6.4651	1
cg20255723	PRR5;PRR5;PRR5;PRR5;PRR5;PRR5	0.150035	0.0266873	0.280284	-3.56781	0.971765	0.983002	-1.01729	0.250165	0.558735	-1.78976	0.768689	0.866887	-1.15355	0.192329	0.512517	-1.95115	0.493831	0.714217	-1.40014	0.595004	0.771139	-1.29678	0.011345	0.215347	-4.64366	0.14883	0.472379	-2.11694	2.13132	7.91979	3.30303	1
cg02280200	IQSEC3	0.150035	0.644629	1.22841	1.22841	0.00668788	4.75069	4.75069	0.061957	2.53704	2.53704	0.426269	1.4331	1.4331	0.334591	1.55393	1.55393	0.129527	2.06572	2.06572	0.201732	1.81687	1.81687	0.54367	1.31293	1.31293	0.989251	0.994051	-1.00598	2.13132	6.62272	2.76207	1
cg06592151	KRTAP2-1	0.150038	0.134922	0.301658	-3.31502	0.263151	0.420008	-2.38091	0.0290046	0.147493	-6.78	0.345113	0.48525	-2.0608	0.0430442	0.177071	-5.64746	0.251608	0.410387	-2.43672	0.0344298	0.159701	-6.26171	0.725929	1.29915	1.29915	0.36731	0.502249	-1.99105	2.1313	18.6656	7.78473	1
cg08083976	LOC100134368;TMEM8A	0.150039	0.247904	1.69319	1.69319	0.847645	1.08747	1.08747	0.396087	1.46063	1.46063	0.135449	2.01679	2.01679	0.539811	1.31075	1.31075	0.0559657	0.389124	-2.56988	0.180648	1.85839	1.85839	0.139102	2.00178	2.00178	0.0511805	2.63282	2.63282	2.13129	6.41517	2.67555	1
cg03583812	PEX13;PUS10	0.150042	0.0796851	0.728863	-1.372	0.973095	1.0055	1.0055	0.980102	1.00406	1.00406	0.167362	1.2704	1.2704	0.0376474	1.48009	1.48009	0.32541	0.847792	-1.17953	0.139494	1.29509	1.29509	0.622998	1.08391	1.08391	0.214222	1.23694	1.23694	2.13127	0.892536	0.37225	1
cg15565231	GRB10	0.150043	0.391492	0.737779	-1.35542	0.437422	0.760037	-1.31573	0.730795	0.887244	-1.12709	0.506365	0.791726	-1.26306	0.0364509	0.430761	-2.32147	0.241052	0.653697	-1.52976	0.0300841	0.413276	-2.41969	0.903037	0.958663	-1.04312	0.0186194	0.372283	-2.68613	2.13127	4.04992	1.6891	1
cg20324199	WNK2	0.150043	0.286731	0.758096	-1.31909	0.5867	0.871606	-1.14731	0.924889	0.97667	-1.02389	0.482284	0.836287	-1.19576	0.0350842	1.84901	1.84901	0.30478	1.3048	1.3048	0.241693	1.35905	1.35905	0.981644	0.994257	-1.00578	0.041669	0.555506	-1.80016	2.13127	2.11551	0.882315	1
cg02299328	RAPGEFL1	0.150047	0.0684519	0.257786	-3.87918	0.355296	1.88126	1.88126	0.773105	0.825207	-1.21182	0.20158	0.408099	-2.45039	0.28658	0.479292	-2.08641	0.117642	0.323238	-3.0937	0.0357456	0.197115	-5.07317	0.0713239	0.262213	-3.8137	0.135982	0.343785	-2.9088	2.13124	14.9083	6.2179	1
cg08739896	REXO1L2P	0.150051	0.152867	0.611096	-1.6364	0.986942	0.994749	-1.00528	0.291159	0.703014	-1.42245	0.401096	0.758447	-1.31848	0.0934376	0.552354	-1.81043	0.641863	0.860124	-1.16262	0.0171351	2.5463	2.5463	0.655807	1.15525	1.15525	0.986239	1.00556	1.00556	2.13121	3.49312	1.45692	1
cg24856658	JMY	0.150052	0.139374	0.416385	-2.40163	0.233879	0.5029	-1.98847	0.567174	1.37515	1.37515	0.807667	1.14377	1.14377	0.129713	0.405926	-2.4635	0.391572	0.616639	-1.62169	0.0177955	0.204547	-4.88885	0.0567124	0.304853	-3.28026	0.177129	0.453802	-2.2036	2.1312	10.2392	4.27058	1
cg18164076	IDH3G;SSR4;IDH3G;IDH3G;IDH3G	0.150054	0.378864	0.558699	-1.78987	0.295543	0.496858	-2.01265	0.202921	0.420331	-2.37908	0.0105762	7.95244	7.95244	0.979704	1.01654	1.01654	0.729475	0.799432	-1.25089	0.324149	0.518619	-1.9282	0.436788	0.599581	-1.66783	0.51696	1.52756	1.52756	2.1312	14.034	5.85338	1
cg20149766	POLS	0.15006	0.984429	1.00572	1.00572	0.215122	1.46405	1.46405	0.317715	1.3522	1.3522	0.493157	0.816013	-1.22547	0.261426	1.40797	1.40797	0.890853	0.960682	-1.04093	0.00847649	0.374635	-2.66926	0.626543	1.15403	1.15403	0.845755	1.05855	1.05855	2.13116	2.88083	1.20157	1
cg05527337	SMOC2;SMOC2	0.150061	0.173651	0.543333	-1.84049	0.483825	1.34967	1.34967	0.0668352	0.420684	-2.37708	0.266791	1.62835	1.62835	0.0878195	0.452045	-2.21217	0.318994	1.54343	1.54343	0.066892	0.420777	-2.37655	0.447115	0.72142	-1.38616	0.398736	0.69483	-1.4392	2.13114	5.99411	2.50011	1
cg06677013	CYB5R4	0.150065	0.0265801	0.246992	-4.04872	0.115757	0.4027	-2.48324	0.359229	0.6056	-1.65125	0.792977	0.869416	-1.1502	0.805588	0.877048	-1.14019	0.0939332	0.375361	-2.6641	0.0205674	0.22669	-4.41131	0.13511	0.42445	-2.35599	0.308234	0.570584	-1.75259	2.13112	9.55342	3.98473	1
cg06000883	KCNJ6	0.150066	0.11451	1.60542	1.60542	0.0215674	0.467161	-2.14059	0.556976	1.178	1.178	0.727789	1.10116	1.10116	0.50611	0.83023	-1.20449	0.344727	1.30786	1.30786	0.132906	0.639459	-1.56382	0.978665	1.0074	1.0074	0.237367	0.710791	-1.40688	2.13111	2.567	1.0707	1
cg18843856	GLI2	0.150066	0.155326	0.286738	-3.4875	0.0157813	0.0880464	-11.3577	0.0837424	0.207567	-4.81772	0.677107	0.708908	-1.41062	0.125722	0.256345	-3.901	0.395562	0.489295	-2.04376	0.0370154	0.136748	-7.31274	0.167514	0.298601	-3.34895	0.299894	0.413718	-2.41711	2.13111	22.7794	9.50132	1
cg07856975	ETV7	0.150067	0.482401	0.793811	-1.25975	0.00635432	3.15481	3.15481	0.543505	1.22004	1.22004	0.826013	0.931273	-1.0738	0.399572	0.756606	-1.32169	0.382503	1.33597	1.33597	0.410853	1.31258	1.31258	0.833808	0.934302	-1.07032	0.368115	0.741564	-1.3485	2.1311	3.53065	1.47264	1
cg04853218	FBXO34;FBXO34	0.150069	0.0956718	0.40518	-2.46804	0.43519	1.48142	1.48142	0.708916	0.831017	-1.20334	0.997216	0.998279	-1.00172	0.0267278	0.273699	-3.65365	0.562384	1.33524	1.33524	0.316147	0.599556	-1.6679	0.221324	1.88623	1.88623	0.0869904	0.393397	-2.54196	2.13109	8.22366	3.43013	1
cg02204205	GRB10	0.150069	0.527915	0.844281	-1.18444	0.0524776	0.557859	-1.79257	0.0289767	0.505891	-1.97671	0.13574	0.653404	-1.53045	0.0707264	0.58595	-1.70663	0.380762	0.78823	-1.26867	0.0398216	0.533117	-1.87576	0.962151	1.01264	1.01264	0.638206	0.882179	-1.13356	2.13109	2.36466	0.986311	1
cg14966519	LSR;LSR;LSR	0.15007	0.405064	0.836961	-1.1948	0.0897684	1.47808	1.47808	0.537889	1.13918	1.13918	0.0498691	0.626699	-1.59566	0.290788	0.795301	-1.25739	0.76366	0.938943	-1.06503	0.101219	0.687326	-1.45491	0.18224	1.34417	1.34417	0.604804	1.11524	1.11524	2.13108	1.47317	0.614471	1
cg07444779	OTUB2	0.150072	0.535358	1.29474	1.29474	0.580902	1.25792	1.25792	0.417846	1.40592	1.40592	0.348404	1.48775	1.48775	0.501915	1.32372	1.32372	0.416273	1.40761	1.40761	0.00652501	0.233519	-4.28231	0.779164	0.89076	-1.12264	0.625097	1.22465	1.22465	2.13107	5.71538	2.38394	1
cg22602002	GPR88	0.150072	0.350908	0.690966	-1.44725	0.952681	1.02311	1.02311	0.261766	0.637259	-1.56922	0.611938	0.821208	-1.21772	0.256698	0.633931	-1.57746	0.402196	0.718849	-1.39111	0.362382	0.697356	-1.43399	0.740925	1.13627	1.13627	0.00960734	3.53341	3.53341	2.13107	5.00357	2.08704	1
cg07148459	DOK6	0.150072	0.0993545	0.429897	-2.32614	0.0944437	0.423527	-2.36112	0.280254	0.591828	-1.68968	0.95208	0.972305	-1.02848	0.0150034	0.247247	-4.04454	0.154197	0.490253	-2.03976	0.0815387	0.405665	-2.46509	0.128428	0.463948	-2.15542	0.177325	0.511677	-1.95436	2.13107	7.3714	3.07468	1
cg03425695	WWTR1;WWTR1;WWTR1	0.150073	0.0566448	0.573869	-1.74256	0.346788	0.77929	-1.28322	0.054998	0.571168	-1.7508	0.220851	0.718004	-1.39275	0.0636968	0.584746	-1.71014	0.108592	0.637309	-1.5691	0.37113	1.26665	1.26665	0.536922	1.17461	1.17461	0.974442	0.991788	-1.00828	2.13106	2.23614	0.932718	1
cg13727957	NAA35	0.150075	0.0922062	2.34919	2.34919	0.468633	1.40462	1.40462	0.598933	0.783054	-1.27705	0.63515	1.2464	1.2464	0.109652	0.447687	-2.2337	0.276022	1.68563	1.68563	0.361295	1.54099	1.54099	0.0312091	3.2058	3.2058	0.115121	2.20211	2.20211	2.13105	7.16659	2.98928	1
cg27197835	DIP2C	0.150078	0.151329	0.572551	-1.74657	0.34538	1.42259	1.42259	0.799105	0.911651	-1.09691	0.883663	1.05454	1.05454	0.00559491	0.267253	-3.74177	0.457138	0.759839	-1.31607	0.705197	1.14781	1.14781	0.712356	0.874315	-1.14375	0.434711	0.74895	-1.3352	2.13103	4.43991	1.85196	1
cg12598767	STARD10	0.150078	0.604151	1.14459	1.14459	0.0174102	2.11185	2.11185	0.0989944	1.59524	1.59524	0.122071	1.54141	1.54141	0.080564	1.64943	1.64943	0.213814	1.40211	1.40211	0.179412	1.44516	1.44516	0.0448803	1.81199	1.81199	0.47017	1.2089	1.2089	2.13103	2.25017	0.938585	1
cg07736658	INHBB	0.150079	0.165706	0.608266	-1.64402	0.103017	0.548927	-1.82174	0.27464	0.682332	-1.46556	0.160849	0.6043	-1.65481	0.126812	0.57387	-1.74255	0.383685	0.74053	-1.35038	0.0212674	0.394147	-2.53712	0.116017	0.563016	-1.77615	0.030207	0.424424	-2.35614	2.13102	3.8168	1.59206	1
cg08411435	PPP1R1B;PPP1R1B	0.150082	0.861835	1.04332	1.04332	0.271346	1.32153	1.32153	0.109809	1.52865	1.52865	0.173736	1.4224	1.4224	0.771104	0.931441	-1.0736	0.996899	0.999054	-1.00095	0.975858	0.99266	-1.00739	0.461742	0.833262	-1.2001	0.0077345	2.30003	2.30003	2.131	2.00047	0.834438	1
cg06993715	VPS4A;VPS4A	0.150082	0.167694	0.848847	-1.17807	0.981531	0.997424	-1.00258	0.878038	1.01726	1.01726	0.0938507	0.814393	-1.22791	0.286112	0.883864	-1.1314	0.703311	1.04357	1.04357	0.871567	0.982131	-1.01819	0.0149848	1.39557	1.39557	0.503314	0.927101	-1.07863	2.131	0.41915	0.174837	1
cg18050194	SEC22C;SEC22C;SEC22C;SEC22C	0.150082	0.532956	0.88598	-1.12869	0.530967	0.885446	-1.12937	0.51395	1.13529	1.13529	0.0146342	0.562	-1.77936	0.674165	1.08444	1.08444	0.0540469	0.657574	-1.52074	0.225863	1.27609	1.27609	0.657273	0.91796	-1.08937	0.379602	0.841316	-1.18861	2.131	1.24029	0.517354	1
cg15487282	GALK2;GALK2	0.150086	0.136543	0.719756	-1.38936	0.0199925	1.7782	1.7782	0.0933181	1.46001	1.46001	0.568052	0.888424	-1.12559	0.33737	1.2248	1.2248	0.707699	0.925685	-1.08028	0.835229	1.04363	1.04363	0.674976	1.09031	1.09031	0.166669	1.35297	1.35297	2.13098	1.41857	0.591725	1
cg17519477	NRG3;NRG3;NRG3	0.150087	0.183459	0.572171	-1.74773	0.139071	0.532666	-1.87735	0.0121372	0.290314	-3.44454	0.435748	0.730104	-1.36967	0.0598484	0.431704	-2.3164	0.873267	1.06519	1.06519	0.777351	0.893909	-1.11868	0.105221	0.496443	-2.01433	0.179579	0.56898	-1.75753	2.13097	5.28187	2.20322	1
cg00142735	PPIB	0.150094	0.523832	1.09687	1.09687	0.264726	1.18101	1.18101	0.0590438	1.35677	1.35677	0.25676	0.844161	-1.18461	0.853457	0.973883	-1.02682	0.655648	0.937782	-1.06635	0.180712	1.22559	1.22559	0.0311405	1.43624	1.43624	0.0974726	1.29728	1.29728	2.13093	0.691328	0.288379	1
cg23076086	FYN	0.150095	0.0507938	0.441566	-2.26467	0.27272	0.657478	-1.52096	0.190154	1.66477	1.66477	0.50551	1.28169	1.28169	0.264539	0.65235	-1.53292	0.133794	0.552112	-1.81123	0.553759	1.24611	1.24611	0.74074	0.885173	-1.12972	0.0952343	1.96084	1.96084	2.13091	4.55395	1.89964	1
cg02759888	RPS27L	0.150097	0.951821	0.987342	-1.01282	0.613174	1.11346	1.11346	0.862011	0.963986	-1.03736	0.882405	1.0317	1.0317	0.527536	0.873759	-1.14448	0.756617	1.06774	1.06774	0.0127193	0.520618	-1.92079	0.299714	1.25431	1.25431	0.0566568	1.57593	1.57593	2.1309	1.50004	0.62573	1
cg02246426	GDF6	0.150106	0.118244	3.65249	3.65249	0.0976484	4.00689	4.00689	0.980817	1.01853	1.01853	0.41538	0.5295	-1.88857	0.167676	3.07459	3.07459	0.859709	1.14467	1.14467	0.0139638	10.1637	10.1637	0.172511	3.03106	3.03106	0.25596	2.47365	2.47365	2.13084	19.6859	8.21205	1
cg22837726	C19orf45	0.150106	0.054774	0.228228	-4.38158	0.075311	3.83051	3.83051	0.253473	2.24527	2.24527	0.489173	1.61043	1.61043	?	?	?	0.799884	0.84175	-1.188	0.0559512	4.3425	4.3425	0.938396	1.05382	1.05382	0.674201	1.33209	1.33209	2.14783	13.9076	6.47521	1
cg15982099	SPI1;SPI1	0.150107	0.304113	0.704791	-1.41886	0.197737	0.639204	-1.56445	0.0861891	0.536232	-1.86487	0.0300441	0.432211	-2.31368	0.129218	0.583393	-1.71411	0.591998	1.19463	1.19463	0.428092	1.30467	1.30467	0.395151	1.33145	1.33145	0.178865	0.625357	-1.59909	2.13084	3.64658	1.52119	1
cg22437221	FYB;FYB	0.150107	0.16023	0.667819	-1.49741	0.149285	0.659598	-1.51608	0.195601	0.691892	-1.44531	0.101121	0.616854	-1.62113	0.0270485	0.494411	-2.02261	0.680185	0.894454	-1.118	0.0614697	0.56726	-1.76286	0.553867	1.17485	1.17485	0.0893659	0.604072	-1.65543	2.13083	2.4439	1.01949	1
cg15204595	GLT25D2	0.150108	0.101789	0.393561	-2.5409	0.453866	1.48768	1.48768	0.287902	1.77613	1.77613	0.0984348	2.56904	2.56904	0.880085	1.08177	1.08177	0.510093	1.41603	1.41603	0.361805	0.613839	-1.62909	0.0205064	4.27748	4.27748	0.844286	1.10781	1.10781	2.13083	9.14738	3.81589	1
cg22511889	PLIN3;PLIN3;PLIN3	0.150108	0.144582	0.738116	-1.3548	0.435488	0.857125	-1.16669	0.303281	0.813334	-1.22951	0.115594	0.717879	-1.39299	0.0474843	0.644485	-1.55163	0.296891	1.23314	1.23314	0.0892954	0.695549	-1.43771	0.172114	0.754549	-1.32529	0.0503853	0.649099	-1.5406	2.13082	1.26714	0.528597	1
cg13264850	SNTG1	0.150109	0.230551	1.27693	1.27693	0.0197659	1.7282	1.7282	0.0542919	1.52877	1.52877	0.980504	1.00476	1.00476	0.341141	1.21003	1.21003	0.635655	1.0972	1.0972	0.164266	1.33434	1.33434	0.127839	1.37708	1.37708	0.298297	0.810956	-1.23311	2.13082	1.27481	0.531798	1
cg24368226	ADAMTS17	0.150112	0.245519	0.720559	-1.38781	0.489454	1.20858	1.20858	0.0268695	0.492941	-2.02864	0.0965941	0.611285	-1.6359	0.209326	0.69975	-1.42908	0.818724	0.939939	-1.0639	0.307137	1.33009	1.33009	0.986553	1.00456	1.00456	0.0662028	0.57351	-1.74365	2.1308	2.45677	1.02487	1
cg08434234	DGKI	0.150115	0.275806	1.14779	1.14779	0.964172	1.00548	1.00548	0.529427	1.08054	1.08054	0.114862	0.811825	-1.23179	0.0395174	1.33579	1.33579	0.146583	1.20859	1.20859	0.0810878	0.790448	-1.26511	0.793267	1.03245	1.03245	0.841407	1.02466	1.02466	2.13078	0.498895	0.208122	1
cg20237496	CALM3	0.150119	0.879114	0.972977	-1.02777	0.142889	0.753189	-1.32769	0.795352	1.0479	1.0479	0.233217	0.798528	-1.2523	0.593722	1.10177	1.10177	0.0412119	1.52793	1.52793	0.0975803	0.720941	-1.38708	0.12288	1.35105	1.35105	0.69438	1.07367	1.07367	2.13075	1.09335	0.456114	1
cg27627246	SATB2	0.15012	0.493702	1.30347	1.30347	0.671918	0.850074	-1.17637	0.594397	1.22743	1.22743	0.205193	0.600694	-1.66474	0.670843	0.849587	-1.17704	0.549824	0.793963	-1.2595	0.34668	0.691079	-1.44701	0.219553	1.63603	1.63603	0.00807261	0.274254	-3.64625	2.13075	4.90638	2.04681	1
cg04628742	HLA-J;NCRNA00171	0.150122	0.380427	1.28563	1.28563	?	?	?	0.0916388	0.595307	-1.6798	0.760702	0.918233	-1.08905	0.508767	0.829286	-1.20586	0.249288	0.714434	-1.39971	0.0747196	1.74085	1.74085	0.0536178	0.54224	-1.8442	0.776275	1.08281	1.08281	2.14772	2.35794	1.09788	1
cg16551261	LRRC6	0.150123	0.24807	1.14898	1.14898	0.0331109	0.750876	-1.33178	0.410282	0.9077	-1.10169	0.94124	0.991557	-1.00851	0.0927723	1.23704	1.23704	0.145789	0.835598	-1.19675	0.220315	1.15976	1.15976	0.870051	1.01901	1.01901	0.595326	1.06359	1.06359	2.13073	0.446355	0.186209	1
cg26445999	SMTNL1	0.150129	0.695799	0.766239	-1.30508	0.903377	1.08577	1.08577	0.364623	0.531927	-1.87996	0.730269	0.790953	-1.2643	0.0201627	0.149745	-6.67803	0.819427	1.16759	1.16759	0.0397945	0.199772	-5.0057	0.441527	1.70197	1.70197	0.0662439	0.247578	-4.03913	2.13068	15.4943	6.46401	1
cg02237906	RAB37	0.150133	0.0798209	0.26515	-3.77145	0.110575	0.305026	-3.27841	0.964809	1.03059	1.03059	0.404127	0.558244	-1.79133	0.0302892	0.175665	-5.69264	0.0931192	0.283238	-3.53059	0.617148	0.708808	-1.41082	0.025895	0.164292	-6.08674	0.358549	0.524811	-1.90545	2.13066	15.7363	6.56504	1
cg02954252	NACA;NACA;NACA;NACA	0.150133	0.150026	2.28785	2.28785	0.0220492	4.36074	4.36074	0.133334	2.38321	2.38321	0.844613	1.11098	1.11098	0.419574	1.55629	1.55629	0.155711	2.25838	2.25838	0.726989	0.828625	-1.20682	0.120859	0.405685	-2.46497	0.477174	1.4735	1.4735	2.13066	9.7064	4.04941	1
cg02087075	SLC35B2;NFKBIE	0.150137	0.827133	1.0608	1.0608	0.545594	1.17949	1.17949	0.656917	0.886344	-1.12823	0.284631	1.34982	1.34982	0.550677	0.849636	-1.17697	0.474707	1.21677	1.21677	0.00388946	2.85545	2.85545	0.492866	1.20679	1.20679	0.472542	1.21798	1.21798	2.13063	2.45793	1.02544	1
cg00418943	MEGF6	0.150147	0.400591	1.35479	1.35479	0.421747	1.33593	1.33593	0.722614	1.13404	1.13404	0.285911	1.47864	1.47864	0.924087	0.966924	-1.03421	0.760539	0.897737	-1.11391	0.0217463	2.64348	2.64348	0.0254961	2.55184	2.55184	0.256249	0.65822	-1.51925	2.13057	4.20254	1.75333	1
cg13678070	GLO1	0.150149	0.253407	1.21837	1.21837	0.429308	1.14294	1.14294	0.479968	1.12626	1.12626	0.470597	1.12923	1.12923	0.402622	1.15238	1.15238	0.611259	0.918623	-1.08859	0.0132913	0.601703	-1.66195	0.45647	0.881982	-1.13381	0.16284	1.27978	1.27978	2.13055	0.925229	0.386015	1
cg00462560	BANP;BANP	0.150149	0.656962	1.08543	1.08543	0.599429	0.907377	-1.10208	0.605495	1.10027	1.10027	0.738076	0.940306	-1.06348	0.106283	0.723627	-1.38193	0.118459	1.36458	1.36458	0.0427853	1.53365	1.53365	0.541353	0.8928	-1.12007	0.0880089	0.708019	-1.41239	2.13055	1.13492	0.473502	1
cg26894278	CRYL1	0.15015	0.132461	0.32899	-3.0396	0.0188373	0.142508	-7.01713	0.0965044	0.28663	-3.48882	0.471172	1.65192	1.65192	0.292625	0.473482	-2.11201	0.138782	0.335817	-2.97782	0.212684	0.407064	-2.45662	0.203807	0.399146	-2.50535	0.583289	1.46138	1.46138	2.13054	15.8227	6.60142	1
cg23484392	CCDC102B;CCDC102B;CCDC102B	0.150151	0.0398938	0.351338	-2.84627	0.895443	1.05961	1.05961	0.483849	0.731011	-1.36797	0.252282	0.590594	-1.69321	0.00806234	0.224365	-4.45702	0.263516	0.598521	-1.67078	0.827075	0.908151	-1.10114	0.377347	0.671055	-1.49019	0.20119	0.55187	-1.81202	2.13053	6.54358	2.73007	1
cg14483771	KNDC1	0.150154	0.0711156	0.268023	-3.73103	0.696174	1.29214	1.29214	0.438292	0.596698	-1.67589	0.845805	0.880591	-1.1356	0.0335273	0.197506	-5.06314	0.123853	0.336743	-2.96963	0.229648	0.439011	-2.27785	0.710085	0.783582	-1.27619	0.0219629	0.166136	-6.01915	2.13052	14.3932	6.00509	1
cg01008263	SF3B3	0.150155	0.058149	0.312866	-3.19625	0.966862	0.977708	-1.0228	0.438337	0.651178	-1.53568	0.882389	1.08365	1.08365	0.0289538	0.24726	-4.04432	0.211949	0.489918	-2.04116	0.0231058	0.228997	-4.36687	0.205841	0.484714	-2.06307	0.259962	0.528532	-1.89203	2.13051	9.9363	4.14561	1
cg07185854	CDH11	0.150156	0.265888	0.570156	-1.75391	0.0234638	0.269354	-3.71259	0.672489	0.813783	-1.22883	0.365332	1.56951	1.56951	0.0436701	0.325011	-3.07682	0.993905	0.996305	-1.00371	0.826063	1.11255	1.11255	0.210474	1.89552	1.89552	0.409423	0.664411	-1.50509	2.1305	7.92474	3.30636	1
cg23340017	TLX1	0.150157	0.0457873	4.78726	4.78726	0.1667	2.74112	2.74112	0.191795	0.388668	-2.57289	0.441024	0.584298	-1.71146	0.232227	0.424504	-2.35569	0.435237	0.58016	-1.72366	0.280981	2.15195	2.15195	0.115729	3.21988	3.21988	0.734054	0.791982	-1.26266	2.13049	15.7824	6.58476	1
cg07240689	PDCD11	0.150158	0.0667779	0.473019	-2.11408	0.83678	0.927613	-1.07804	0.80076	1.09649	1.09649	0.0940456	0.511402	-1.95541	0.574768	1.22934	1.22934	0.366742	1.40179	1.40179	0.976903	0.98951	-1.0106	0.581734	1.22465	1.22465	0.0181732	0.351806	-2.84248	2.13049	4.47691	1.86787	1
cg02291532	THBS1	0.150161	0.0311327	0.2438	-4.10173	0.419872	0.631391	-1.5838	0.450636	1.5355	1.5355	0.233521	2.00751	2.00751	0.306535	0.553968	-1.80516	0.725414	1.21744	1.21744	0.0458263	0.278807	-3.58671	0.41007	0.624982	-1.60005	0.159078	0.431834	-2.31571	2.13047	10.5039	4.3825	1
cg08077155	C11orf48	0.150161	0.089814	0.385003	-2.59738	0.964265	1.02313	1.02313	0.381803	0.632643	-1.58067	0.767025	0.859287	-1.16376	0.0119369	0.201635	-4.95945	0.0795621	0.370362	-2.70006	0.0569983	0.333094	-3.00216	0.502322	0.706434	-1.41556	0.78124	0.867535	-1.15269	2.13047	8.79129	3.66796	1
cg17431739	MSRB2	0.150164	0.81033	1.06538	1.06538	0.787455	0.931289	-1.07378	0.0318643	1.93969	1.93969	0.0378623	1.88559	1.88559	0.704963	0.904656	-1.10539	0.409656	0.800825	-1.24871	0.187661	0.692255	-1.44455	0.582189	0.863837	-1.15763	0.273974	1.34967	1.34967	2.13045	2.34119	0.976819	1
cg01080375	TTC9	0.150164	0.0100252	0.404519	-2.47207	0.83974	0.945182	-1.058	0.989259	1.00376	1.00376	0.297769	0.740419	-1.35059	0.36017	0.769559	-1.29944	0.0877919	0.591765	-1.68986	0.550105	1.18336	1.18336	0.40757	1.26602	1.26602	0.513311	1.20272	1.20272	2.13045	2.61584	1.09141	1
cg18580232	DPP10;DPP10	0.150166	0.939959	1.03101	1.03101	0.675976	1.1858	1.1858	0.219773	1.68731	1.68731	0.612575	0.812994	-1.23002	0.00983949	0.266396	-3.75381	0.617397	0.815314	-1.22652	0.697687	1.17147	1.17147	0.253103	1.62242	1.62242	0.190833	0.570316	-1.75341	2.13043	5.54584	2.31391	1
cg01973095	TCHP;TCHP;TCHP	0.150169	0.460405	0.804733	-1.24265	0.830087	1.06409	1.06409	0.368182	1.30628	1.30628	0.110946	0.605327	-1.652	0.190864	0.670077	-1.49237	0.424248	0.78986	-1.26605	0.0976035	0.591312	-1.69115	0.0145306	0.418852	-2.38748	0.167068	0.653261	-1.53078	2.13041	2.81928	1.17631	1
cg23412875	ZNF263;ZNF263	0.150169	0.9465	1.02937	1.02937	0.0805489	2.33882	2.33882	0.110596	0.46767	-2.13826	?	?	?	0.427178	0.704126	-1.4202	0.483704	1.36037	1.36037	0.290381	0.621272	-1.6096	0.0419811	0.35567	-2.81159	0.589861	1.26499	1.26499	2.25566	5.78348	2.24348	1
cg03168293	CLGN;CLGN	0.15017	0.51783	0.677904	-1.47513	0.311662	1.86006	1.86006	0.99046	0.992936	-1.00711	0.0184411	0.183596	-5.44674	0.636899	0.754328	-1.32568	0.369068	1.72804	1.72804	0.176829	2.34252	2.34252	0.161461	2.42689	2.42689	0.260486	2.00551	2.00551	2.13041	11.8621	4.94934	1
cg01637789	THBS1	0.150172	0.874363	0.956516	-1.04546	0.0969801	0.599404	-1.66832	0.107251	0.61021	-1.63878	0.376799	0.775062	-1.29022	0.0785824	1.73136	1.73136	0.345382	0.76106	-1.31396	0.126455	1.59121	1.59121	0.320465	1.33432	1.33432	0.5264	1.19764	1.19764	2.1304	2.66345	1.1113	1
cg19224787	THRB;THRB;THRB	0.150177	0.0540069	0.248934	-4.01713	0.0495587	0.240629	-4.15578	0.200174	0.423004	-2.36404	0.47341	0.629019	-1.58978	0.0299138	0.19708	-5.07408	0.208801	0.430689	-2.32186	0.0625862	0.263867	-3.7898	0.869423	1.11027	1.11027	0.228935	0.448106	-2.23162	2.13036	13.6381	5.69049	1
cg05461259	PEX10;PEX10	0.150177	0.576992	0.896447	-1.11552	0.02126	0.584421	-1.7111	0.45996	0.864203	-1.15714	0.58214	0.897796	-1.11384	0.931815	1.01674	1.01674	0.172555	1.32529	1.32529	0.0795715	1.45862	1.45862	0.269459	0.800037	-1.24994	0.422501	0.853047	-1.17227	2.13036	1.26979	0.529818	1
cg01292924	POMZP3;LOC100133091;POMZP3	0.15018	0.282132	0.688663	-1.45209	0.0217189	0.398707	-2.50811	0.0610682	0.494383	-2.02272	0.900859	1.04247	1.04247	0.0641046	0.499388	-2.00245	0.903939	0.96053	-1.04109	0.907676	0.962023	-1.03948	0.0609014	0.494103	-2.02387	0.970964	0.987926	-1.01222	2.13034	3.75774	1.56792	1
cg06678279	ERC2;ERC2	0.15018	0.141837	1.63883	1.63883	0.0633902	1.92114	1.92114	0.68248	0.87929	-1.13728	0.0893355	1.7966	1.7966	0.847527	0.941573	-1.06205	0.148096	1.62458	1.62458	0.0745323	0.537212	-1.86146	0.673833	0.875993	-1.14156	0.949722	0.980471	-1.01992	2.13034	3.3003	1.37706	1
cg05203809	SNX29	0.15018	0.0177331	0.189104	-5.28811	0.97453	0.981729	-1.01861	0.434253	0.630765	-1.58538	0.326432	0.557012	-1.79529	0.0285638	0.224896	-4.4465	0.913828	1.06451	1.06451	0.0870879	0.335807	-2.9779	0.411956	0.615992	-1.6234	0.127152	0.385649	-2.59303	2.13034	11.2552	4.69627	1
cg09035938	DLGAP3	0.150181	0.501131	0.849289	-1.17745	0.828431	1.0533	1.0533	0.948933	0.984793	-1.01544	0.397952	1.23006	1.23006	0.585141	1.14097	1.14097	0.951903	1.01454	1.01454	0.191784	1.3918	1.3918	0.924232	0.977499	-1.02302	0.00609555	0.424617	-2.35506	2.13033	1.93119	0.805796	1
cg03299838	RALGDS;RALGDS	0.150185	0.345389	1.28189	1.28189	0.0399315	1.83463	1.83463	0.0407805	1.82851	1.82851	0.393694	1.25015	1.25015	0.140305	1.49992	1.49992	0.124107	1.53041	1.53041	0.0585688	1.72642	1.72642	0.411888	0.807021	-1.23913	0.444672	1.22032	1.22032	2.1303	2.20325	0.919328	1
cg17255063	PHOX2B	0.150186	0.72143	0.78053	-1.28118	0.204394	2.52669	2.52669	0.104897	3.40923	3.40923	0.429144	1.74824	1.74824	0.88486	1.10549	1.10549	0.723673	0.782169	-1.2785	0.504873	0.626056	-1.5973	0.00709998	11.1026	11.1026	0.613651	1.42239	1.42239	2.1303	16.161	6.74332	1
cg01580934	SRPK2;SRPK2	0.150187	0.0202753	0.435744	-2.29493	0.878623	1.0464	1.0464	0.167209	1.54811	1.54811	0.135686	0.620465	-1.6117	0.424179	0.784849	-1.27413	0.305587	0.729882	-1.37009	0.188032	0.660967	-1.51293	0.120174	0.606309	-1.64932	0.762005	1.09434	1.09434	2.13029	2.97239	1.24026	1
cg22313495	ZNF844	0.150187	0.0580664	0.731019	-1.36795	0.00821732	0.60986	-1.63972	0.528181	1.09798	1.09798	0.934227	1.01215	1.01215	0.457872	0.895326	-1.11691	0.502193	1.10474	1.10474	0.397653	0.881025	-1.13504	0.858652	0.974264	-1.02642	0.83672	0.970268	-1.03064	2.13029	0.721758	0.301162	1
cg09456777	UST	0.150187	0.139202	0.424567	-2.35534	0.0567127	3.19299	3.19299	0.155611	2.26559	2.26559	0.572414	1.3594	1.3594	0.0474526	0.295069	-3.38904	0.785206	0.863252	-1.15841	0.954996	1.03084	1.03084	0.855778	0.906712	-1.10289	0.28982	0.553567	-1.80646	2.13029	9.77543	4.07891	1
cg01247788	LHPP;LHPP	0.150188	0.107588	0.313931	-3.18542	0.00971559	0.11555	-8.65429	0.154681	0.366052	-2.73185	0.528178	0.655972	-1.52445	0.173004	0.384173	-2.60299	0.122511	0.331514	-3.01646	0.0949062	0.297948	-3.35629	0.154887	0.366262	-2.73029	0.636787	0.730661	-1.36862	2.13028	14.6855	6.12772	1
cg00676969	ENTPD5;C14orf45	0.150188	0.018087	0.32304	-3.09559	0.534436	1.28099	1.28099	0.393244	0.708779	-1.41088	0.202698	0.589007	-1.69777	0.0346352	0.37928	-2.63657	0.45876	0.743101	-1.34571	0.0678045	0.447017	-2.23705	0.575216	0.800244	-1.24962	0.761046	0.886879	-1.12755	2.13028	5.22639	2.18078	1
cg05265020	NRN1	0.150189	0.0457709	0.385379	-2.59485	0.700858	0.85152	-1.17437	0.578128	0.79142	-1.26355	0.709644	0.855784	-1.16852	0.193494	0.563866	-1.77347	0.180369	0.553026	-1.80823	0.0657523	0.423244	-2.36271	0.0709113	2.31686	2.31686	0.268889	0.619104	-1.61524	2.13028	5.84994	2.44097	1
cg04295117	RPS6KA2;RPS6KA2	0.150192	0.547396	0.664723	-1.50439	0.209281	0.411618	-2.42944	0.834572	0.869124	-1.15058	0.05383	0.230291	-4.34233	0.185415	0.389883	-2.56488	0.318105	0.500501	-1.998	0.00990413	0.112412	-8.89585	0.0918847	0.288038	-3.47176	0.188233	0.392509	-2.54771	2.13026	15.1788	6.33363	1
cg14821382	C2orf14	0.150195	0.29979	1.30342	1.30342	0.51666	1.17603	1.17603	0.483056	0.838794	-1.19219	0.534947	1.16761	1.16761	0.0109382	0.45494	-2.19809	0.763366	1.0773	1.0773	0.0993222	1.5613	1.5613	0.686015	0.904634	-1.10542	0.970025	1.00931	1.00931	2.13024	2.05173	0.856129	1
cg21439539	MRPL20	0.150198	0.453931	0.790579	-1.2649	0.0338685	0.466232	-2.14486	0.395979	0.765081	-1.30705	0.901075	1.03905	1.03905	0.989304	1.00414	1.00414	0.410548	0.771646	-1.29593	0.00685104	0.340022	-2.94099	0.707808	0.890491	-1.12298	0.466127	0.795756	-1.25667	2.13021	3.20141	1.33587	1
cg20089538	HSBP1L1	0.150201	0.901354	1.12594	1.12594	0.0973927	5.6975	5.6975	0.0458068	8.93562	8.93562	0.0536266	8.13706	8.13706	0.740843	1.37368	1.37368	0.510974	1.89227	1.89227	0.60994	1.63588	1.63588	0.0147432	17.6539	17.6539	0.391694	2.31513	2.31513	2.1302	30.8715	12.8821	1
cg09190466	LDB2;LDB2	0.150202	0.586499	0.870887	-1.14825	0.495274	1.19041	1.19041	0.630904	1.12959	1.12959	0.952673	1.01505	1.01505	0.528544	1.17436	1.17436	0.0458727	1.77901	1.77901	0.23825	1.36471	1.36471	0.688109	1.10691	1.10691	0.0184296	0.48691	-2.05377	2.13019	2.13759	0.891975	1
cg00076936	C20orf118	0.150202	0.0742076	0.532857	-1.87667	0.762695	1.10056	1.10056	0.211659	0.659457	-1.5164	0.659048	1.15085	1.15085	0.00719936	0.333669	-2.99698	0.693614	1.13347	1.13347	0.507441	0.808333	-1.23711	0.752936	0.904912	-1.10508	0.902303	0.961888	-1.03962	2.13019	3.37781	1.4095	1
cg17579753	GAS2L2	0.150203	0.404027	0.64412	-1.55251	0.627093	0.777082	-1.28687	0.51375	0.710954	-1.40656	0.239092	0.529866	-1.88727	0.0199518	0.235274	-4.25037	0.355376	0.612771	-1.63193	0.032243	0.274746	-3.63972	0.0271282	0.259894	-3.84773	0.469433	0.684449	-1.46103	2.13018	8.95336	3.73608	1
cg12877532	CAV1	0.150206	0.21293	1.36422	1.36422	0.73161	0.921717	-1.08493	0.00968911	0.46075	-2.17037	0.722343	1.08815	1.08815	0.100234	0.652862	-1.53172	0.594909	1.1355	1.1355	0.543477	1.15674	1.15674	0.988297	1.00348	1.00348	0.784168	0.937063	-1.06716	2.13016	1.89128	0.789207	1
cg19942454	ADARB2	0.150207	0.0778041	0.161472	-6.19303	0.119718	0.207909	-4.80979	0.495654	0.52537	-1.90342	0.231295	0.310939	-3.21607	0.046043	0.119188	-8.39011	0.105025	0.192432	-5.19664	0.0707057	0.152746	-6.54682	0.0290241	0.0912415	-10.9599	0.17739	0.263495	-3.79514	2.13016	29.202	12.1857	1
cg08247612	NHLH1	0.15021	0.204326	0.401638	-2.4898	0.222444	2.39445	2.39445	0.955077	1.03911	1.03911	0.20687	0.403918	-2.47575	0.075301	0.259602	-3.85205	0.326505	0.501652	-1.99342	0.107109	0.301849	-3.31291	0.0271715	0.168536	-5.93346	0.220656	0.416078	-2.4034	2.13014	15.6458	6.52886	1
cg26463500	LOC399744	0.150212	0.126747	0.480755	-2.08006	0.0542418	0.379608	-2.63429	0.0324015	0.329356	-3.03623	0.599589	0.790657	-1.26477	0.0550489	0.381156	-2.6236	0.136516	0.491022	-2.03657	0.948013	0.971501	-1.02933	0.242025	0.581029	-1.72109	0.0666729	0.401829	-2.48862	2.13012	6.63281	2.76784	1
cg00399807	PRM3	0.150215	0.160566	0.763324	-1.31006	0.115829	0.734941	-1.36065	0.304539	0.825652	-1.21116	0.359117	0.843755	-1.18518	0.241954	0.801986	-1.24691	0.0526466	1.48726	1.48726	0.186595	1.28693	1.28693	0.221928	0.793502	-1.26024	0.627545	0.915676	-1.09209	2.1301	1.09519	0.457021	1
cg00909097	PDHA1	0.150215	0.430946	1.53508	1.53508	0.186231	0.473711	-2.11099	0.352015	0.60011	-1.66636	0.595364	0.75143	-1.3308	0.225802	0.507545	-1.97027	0.852865	1.10405	1.10405	0.136483	2.35216	2.35216	0.0537419	3.21478	3.21478	0.0813886	2.80086	2.80086	2.1301	9.58989	4.00185	1
cg09371559	NR2F6	0.150222	0.701707	1.11409	1.11409	0.632404	0.873463	-1.14487	0.088684	0.59027	-1.69414	0.213829	1.44403	1.44403	0.0497244	0.533447	-1.8746	0.974787	1.00891	1.00891	0.0505951	0.535063	-1.86894	0.249376	1.40208	1.40208	0.986275	1.00484	1.00484	2.13005	2.65851	1.10942	1
cg08363671	LOC145814;LOC145814	0.150224	0.138045	1.35373	1.35373	0.756833	1.06068	1.06068	0.138355	0.738901	-1.35336	0.139532	1.35196	1.35196	0.803393	1.04845	1.04845	0.571158	0.897139	-1.11465	0.0154381	1.75702	1.75702	0.994824	1.00123	1.00123	0.338366	1.20584	1.20584	2.13004	1.21341	0.506368	1
cg01504784	KHSRP	0.15023	0.0612298	2.10594	2.10594	0.147903	1.73004	1.73004	0.16286	1.69216	1.69216	0.0357738	2.36946	2.36946	0.89667	1.04695	1.04695	0.106379	1.86379	1.86379	0.960841	1.01749	1.01749	0.0325395	2.41935	2.41935	0.226517	1.56577	1.56577	2.13	4.20609	1.75528	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ch.2.3126978R	RIF1	0.15023	0.00567308	0.329771	-3.03241	0.138319	0.61397	-1.62874	0.266216	0.701763	-1.42498	0.712253	0.892924	-1.11992	0.619121	0.857959	-1.16556	0.60378	1.17358	1.17358	0.163385	0.634598	-1.5758	0.238789	0.685797	-1.45816	0.651334	0.870162	-1.14921	2.13	3.15278	1.31571	1
cg01235000	CPLX2;CPLX2	0.150233	0.2669	1.76628	1.76628	0.0423605	3.15779	3.15779	0.14745	2.14782	2.14782	0.449496	1.46084	1.46084	0.0542718	2.92765	2.92765	0.0655824	2.763	2.763	0.210416	1.91377	1.91377	0.0244234	3.73897	3.73897	0.290869	1.71441	1.71441	2.12998	8.15965	3.4052	1
cg10935064	SYCP3	0.150234	0.829038	0.957438	-1.04445	0.24201	1.27928	1.27928	0.147543	1.3669	1.3669	0.199296	1.3136	1.3136	0.00649337	2.03717	2.03717	0.170259	1.34146	1.34146	0.151105	1.36265	1.36265	0.831607	1.04376	1.04376	0.675744	1.08829	1.08829	2.12997	1.36466	0.569504	1
cg09043127	PKIA;PKIA;PKIA;PKIA	0.150235	0.520877	0.917352	-1.09009	0.00972418	1.5427	1.5427	0.185682	1.20445	1.20445	0.47061	1.10219	1.10219	0.552382	0.923408	-1.08295	0.583501	0.92923	-1.07616	0.489945	0.911224	-1.09742	0.268815	0.858414	-1.16494	0.664899	0.943865	-1.05947	2.12996	0.592788	0.247385	1
cg15043057	CTPS	0.150236	0.177415	3.05234	3.05234	0.0566135	5.36495	5.36495	0.249638	2.55138	2.55138	0.231964	2.65359	2.65359	0.144784	0.295459	-3.38456	0.59789	1.51339	1.51339	0.186309	2.97641	2.97641	0.0476686	5.83005	5.83005	0.141644	3.4221	3.4221	2.12996	20.4436	8.53165	1
cg12076344	SLC27A4	0.150236	0.395869	0.840777	-1.18938	0.179486	0.752473	-1.32895	0.34067	0.822129	-1.21635	0.857203	0.964712	-1.03658	0.163616	1.34518	1.34518	0.147584	1.36331	1.36331	0.0186191	0.566096	-1.76648	0.904759	0.976407	-1.02416	0.442587	0.855423	-1.16901	2.12996	1.3421	0.560094	1
cg00555666	PRNT;PRNT;PRNT	0.150237	0.745876	1.11756	1.11756	0.0255425	0.403763	-2.4767	0.198071	0.628163	-1.59194	0.142059	0.583035	-1.71516	0.56595	0.820099	-1.21937	0.748891	0.896039	-1.11602	0.0545052	2.10776	2.10776	0.807762	0.920057	-1.08689	0.627666	1.18182	1.18182	2.12996	3.94094	1.64466	1
cg20338300	CCDC85A;CCDC85A	0.150238	0.15968	1.50616	1.50616	0.0514506	0.546409	-1.83013	0.144756	0.652506	-1.53255	0.165775	1.49614	1.49614	0.764917	1.08518	1.08518	0.112059	1.60261	1.60261	0.913481	1.03007	1.03007	0.383556	0.78384	-1.27577	0.484186	0.823833	-1.21384	2.12995	2.50635	1.04597	1
cg16112129	DRD1;DRD1	0.150241	0.0639111	5.04976	5.04976	0.0894651	4.28859	4.28859	0.149919	3.321	3.321	0.208905	2.80104	2.80104	0.365428	2.06081	2.06081	0.341045	2.14449	2.14449	0.0763091	4.63394	4.63394	0.0132612	10.8763	10.8763	0.207838	2.80856	2.80856	2.12993	20.3962	8.51203	1
cg02344078	STK4	0.150245	0.711825	0.934114	-1.07053	0.797822	0.953941	-1.04828	0.370291	0.844507	-1.18412	0.451113	0.868457	-1.15147	0.531996	1.12331	1.12331	0.181995	0.770882	-1.29721	0.00756371	0.531972	-1.8798	0.228655	0.792883	-1.26122	0.283737	1.227	1.227	2.1299	1.13823	0.475027	1
cg07537021	APAF1;IKBIP;IKBIP;APAF1;APAF1;IKBIP;APAF1;APAF1	0.150246	0.60078	0.897345	-1.1144	0.511494	1.14637	1.14637	0.0132512	1.87713	1.87713	0.844203	1.04119	1.04119	0.822905	0.955055	-1.04706	0.231412	0.772974	-1.2937	0.105688	1.43702	1.43702	0.338822	1.22417	1.22417	0.143444	1.38061	1.38061	2.12989	1.41964	0.592474	1
cg21139496	DERL1;DERL1	0.150247	0.055679	0.176703	-5.6592	0.280589	2.45117	2.45117	0.306511	0.429002	-2.33099	0.430023	0.525222	-1.90396	0.028705	0.127109	-7.86727	0.333018	0.450111	-2.22167	0.0439198	0.157073	-6.36648	0.706981	0.739426	-1.3524	0.296106	0.420611	-2.37749	2.12989	21.556	8.99621	1
cg19547629	MYRIP	0.150247	0.270695	6.11596	6.11596	0.920387	0.853966	-1.17101	0.162938	10.5047	10.5047	0.313635	5.18423	5.18423	0.155186	0.0905336	-11.0456	0.828167	1.40952	1.40952	0.962868	0.929123	-1.07628	0.00902557	188.951	188.951	0.808323	1.46783	1.46783	2.12988	84.1129	35.1038	1
cg22467810	HRNBP3	0.15025	0.978527	0.987862	-1.01229	0.537899	1.32711	1.32711	0.842849	0.913872	-1.09424	0.847805	0.916511	-1.09109	0.218226	0.555625	-1.79977	0.437015	0.697841	-1.43299	0.00608484	0.196897	-5.07879	0.390275	1.49099	1.49099	0.206285	0.546138	-1.83104	2.12987	6.9449	2.89842	1
cg20949383	CDK6	0.150252	0.0781721	0.669816	-1.49295	0.0733561	0.664392	-1.50514	0.320082	0.810261	-1.23417	0.377657	0.830793	-1.20367	0.309443	0.806221	-1.24035	0.147716	1.37447	1.37447	0.326779	0.81276	-1.23038	0.345529	1.22012	1.22012	0.18939	1.32935	1.32935	2.12985	1.4146	0.590381	1
cg18078177	PREX1	0.150253	0.107532	0.811715	-1.23196	0.414467	1.10415	1.10415	0.0663913	1.27701	1.27701	0.651396	0.947413	-1.05551	0.046793	1.31041	1.31041	0.468052	1.09165	1.09165	0.577983	1.06903	1.06903	0.150707	0.832832	-1.20072	0.886007	1.01718	1.01718	2.12984	0.475811	0.19858	1
cg23181573	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3	0.150254	0.0627146	0.269657	-3.70841	0.556281	1.45122	1.45122	0.62772	1.35773	1.35773	0.167419	0.398153	-2.5116	0.031184	0.205479	-4.86668	0.318556	0.524597	-1.90623	0.0665778	0.276009	-3.62307	0.153491	0.384272	-2.60232	0.22107	0.447085	-2.23671	2.12984	13.2101	5.51327	1
cg01131289	LRP5L;LRP5L	0.150255	0.561667	0.794764	-1.25824	0.785728	1.11257	1.11257	0.807162	1.10046	1.10046	0.244056	0.620585	-1.61138	0.00762549	0.261079	-3.83025	0.160588	0.556141	-1.79811	0.380944	1.42161	1.42161	0.451995	1.34979	1.34979	0.973153	0.986913	-1.01326	2.12983	5.16897	2.15728	1
cg00375448	PCGF5	0.150256	0.47621	1.10773	1.10773	0.632821	0.934276	-1.07035	0.35962	1.14229	1.14229	0.278057	0.852731	-1.1727	0.930036	0.987674	-1.01248	0.614795	0.93084	-1.0743	0.137265	0.797666	-1.25366	0.0673543	1.33579	1.33579	0.0291973	1.43756	1.43756	2.12983	0.672902	0.280838	1
cg21338479	CUX1;CUX1	0.150256	0.322174	1.13364	1.13364	0.0958512	1.25149	1.25149	0.860569	0.978667	-1.0218	0.412585	1.10821	1.10821	0.169016	1.19689	1.19689	0.205936	1.1778	1.1778	0.0351847	0.740141	-1.35109	0.866374	0.979556	-1.02087	0.129333	1.22263	1.22263	2.12982	0.507433	0.211779	1
cg13056927	KBTBD5	0.150257	0.0674252	3.35648	3.35648	0.609316	1.35604	1.35604	0.748367	1.20948	1.20948	0.275853	1.95389	1.95389	0.0734658	3.25206	3.25206	0.0346909	4.28423	4.28423	0.0204561	5.20941	5.20941	0.195844	2.24406	2.24406	0.579074	1.39253	1.39253	2.12982	11.7781	4.91562	1
cg11536457	MMP16;MMP16	0.150261	?	?	?	0.578181	1.13766	1.13766	0.714903	1.08788	1.08788	0.00364273	2.46728	2.46728	0.451726	1.19249	1.19249	0.974866	1.00726	1.00726	0.498729	1.17079	1.17079	0.9853	1.00424	1.00424	0.901489	1.02884	1.02884	2.14675	1.59328	0.742182	1
cg10110581	AVL9;LSM5;LSM5	0.150262	0.341091	1.24202	1.24202	0.104509	1.47999	1.47999	0.638209	1.1103	1.1103	0.848504	1.04316	1.04316	0.483657	0.854477	-1.17031	0.0265389	0.559382	-1.78769	0.781637	0.940457	-1.06331	0.268832	1.28973	1.28973	0.109499	0.680104	-1.47036	2.12978	1.64642	0.687151	1
cg13612989	STAM	0.150264	0.251487	0.736034	-1.35863	0.012831	2.20468	2.20468	0.484457	1.19932	1.19932	0.197305	0.705639	-1.41716	0.142675	0.668264	-1.49641	0.803477	1.06586	1.06586	0.566769	0.862329	-1.15965	0.960071	0.987274	-1.01289	0.909493	0.971329	-1.02952	2.12977	2.20735	0.921267	1
cg10709727	DDAH2	0.150266	0.40868	0.802563	-1.24601	0.99616	1.00125	1.00125	0.866829	1.04465	1.04465	0.0665747	0.585428	-1.70815	0.0538146	1.76799	1.76799	0.099559	0.625111	-1.59972	0.0870676	0.611538	-1.63522	0.754468	1.08508	1.08508	0.667019	1.11925	1.11925	2.12976	2.28498	0.953673	1
cg10779644	9-Sep	0.150266	0.0483715	0.627412	-1.59385	0.766146	1.06358	1.06358	0.0894554	0.67911	-1.47251	0.52661	0.875824	-1.14178	0.447526	0.852159	-1.17349	0.606709	0.898247	-1.11328	0.479465	1.16017	1.16017	0.14784	1.37833	1.37833	0.0911207	1.46899	1.46899	2.12976	1.4406	0.60126	1
cg18786374	TRAK2	0.150267	0.867665	1.0776	1.0776	0.713083	0.847456	-1.18	0.876337	0.932591	-1.07228	0.0444824	2.8128	2.8128	0.432084	0.69815	-1.43236	0.0990381	2.24892	2.24892	0.0571054	2.6239	2.6239	0.0469398	2.77102	2.77102	0.998855	0.999357	-1.00064	2.12975	6.77438	2.8274	1
cg02888809	CRAMP1L	0.150274	0.172116	2.44491	2.44491	0.095081	3.09004	3.09004	0.0147813	6.32855	6.32855	0.465314	0.633145	-1.57942	0.649784	1.32469	1.32469	0.930119	1.05543	1.05543	0.0947887	3.09373	3.09373	0.260856	2.05713	2.05713	0.135906	2.6871	2.6871	2.1297	12.7617	5.32646	1
cg17373321	REEP4;REEP4	0.150276	0.954061	0.990317	-1.00978	0.453445	0.878984	-1.13768	0.986362	1.00289	1.00289	0.996185	0.999193	-1.00081	0.0884554	1.37363	1.37363	0.128066	1.3203	1.3203	0.0409456	0.671355	-1.48952	0.0746104	0.715017	-1.39857	0.794815	0.956936	-1.045	2.12969	0.962209	0.401606	1
cg12731568	RPS6KB2	0.15028	0.141724	0.539043	-1.85514	0.312373	1.50492	1.50492	0.850499	1.07659	1.07659	0.959212	1.0202	1.0202	0.151729	0.548437	-1.82336	0.318575	0.66819	-1.49658	0.0132405	0.300942	-3.3229	0.110216	0.50618	-1.97558	0.971871	0.986304	-1.01389	2.12966	5.15972	2.15359	1
cg21350100	CASC4;CASC4;CASC4;CASC4	0.150284	0.556317	1.18303	1.18303	0.437957	1.25043	1.25043	0.511091	1.20717	1.20717	0.605368	0.863094	-1.15862	0.133175	1.5803	1.5803	0.68964	0.892804	-1.12007	0.00838791	2.5889	2.5889	0.169122	1.51256	1.51256	0.107713	1.64187	1.64187	2.12964	2.69121	1.12328	1
cg24785606	COMMD3	0.150291	0.0605282	0.690278	-1.44869	0.0294126	1.56715	1.56715	0.954485	0.990053	-1.01005	0.339248	1.18829	1.18829	0.530231	1.1178	1.1178	0.332594	0.83941	-1.19131	0.131084	0.751627	-1.33045	0.805403	0.95769	-1.04418	0.791196	1.04757	1.04757	2.12959	1.03458	0.431834	1
cg25179291	FNBP1	0.150293	0.9701	0.992071	-1.00799	0.532489	1.14371	1.14371	0.360943	1.22074	1.22074	0.486735	1.16193	1.16193	0.133034	1.41087	1.41087	0.445973	1.17938	1.17938	0.050329	0.622624	-1.6061	0.199372	0.749782	-1.33372	0.0503875	1.60586	1.60586	2.12958	1.52126	0.634976	1
cg06938063	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD	0.150297	0.918476	1.00626	1.00626	0.160804	1.09567	1.09567	0.0643491	1.13515	1.13515	0.336414	0.941335	-1.06232	0.908035	0.992976	-1.00707	0.723401	0.978558	-1.02191	0.0437083	0.868123	-1.15191	0.12786	1.10562	1.10562	0.399169	1.05406	1.05406	2.12955	0.125479	0.0523761	1
cg16843760	ZNF236	0.150299	0.553015	0.910756	-1.09799	0.557968	0.91184	-1.09668	0.116181	0.766484	-1.30466	0.883647	1.02307	1.02307	0.556237	1.09714	1.09714	0.185769	1.24426	1.24426	0.0380093	1.45452	1.45452	0.700667	1.06201	1.06201	0.0441032	1.43374	1.43374	2.12953	0.81832	0.341575	1
cg00997699	PLXNA2	0.1503	0.358106	1.1744	1.1744	0.658319	1.07865	1.07865	0.827186	0.963492	-1.03789	0.0723441	1.40652	1.40652	0.127155	0.755313	-1.32395	0.393549	0.861857	-1.16029	0.0516373	1.4576	1.4576	0.126458	1.32475	1.32475	0.420088	0.86925	-1.15042	2.12953	0.975916	0.407358	1
cg12599235	C15orf41	0.150302	0.199056	0.846227	-1.18172	0.804486	0.969944	-1.03099	0.540084	1.07931	1.07931	0.123852	0.814605	-1.22759	0.104377	0.803779	-1.24412	0.0809909	0.788157	-1.26878	0.0563299	1.3046	1.3046	0.482964	0.91601	-1.09169	0.670456	1.05408	1.05408	2.12952	0.510588	0.213126	1
cg19457770	IL1F9	0.150303	0.192106	0.519211	-1.926	0.672544	0.81725	-1.22362	0.0729472	0.386938	-2.58439	0.199403	0.52538	-1.90338	0.0455853	0.336804	-2.96908	0.0244144	0.279975	-3.57175	0.349928	0.63334	-1.57893	0.476161	1.41047	1.41047	0.16591	0.495892	-2.01657	2.12951	7.60029	3.17248	1
cg14215748	COPB1;COPB1;COPB1	0.150312	0.137005	0.299646	-3.33727	0.618202	1.45942	1.45942	0.0207628	0.123144	-8.12055	0.111177	0.271013	-3.68986	0.118625	0.279553	-3.57713	0.345361	0.481328	-2.07759	0.0518822	0.189315	-5.2822	0.142509	0.305427	-3.27411	0.532927	0.621782	-1.60828	2.12944	19.091	7.9691	1
cg17437939	TAC1;TAC1;TAC1;TAC1	0.150313	0.138904	4.81652	4.81652	0.537817	1.85089	1.85089	0.114712	5.43533	5.43533	0.913396	0.898199	-1.11334	0.864887	0.845292	-1.18302	0.562709	0.561275	-1.78166	0.656624	0.643016	-1.55517	0.00750875	29.8369	29.8369	0.936522	1.08178	1.08178	2.12944	32.8471	13.7113	1
cg24704908	CPA6;CPA6	0.150314	0.177744	0.713304	-1.40193	0.0317575	1.81085	1.81085	0.349863	1.25483	1.25483	0.480523	1.18431	1.18431	0.119835	0.671606	-1.48897	0.997657	1.00069	1.00069	0.193652	0.722933	-1.38325	0.261925	0.758852	-1.31778	0.579773	1.14103	1.14103	2.12944	1.87662	0.783355	1
cg10105110	C10orf99	0.150317	0.0812485	0.388326	-2.57516	0.577272	0.759142	-1.31728	0.143277	2.15931	2.15931	0.679004	0.815744	-1.22587	0.201537	0.516821	-1.93491	0.149774	0.469665	-2.12918	0.133166	2.20971	2.20971	0.0933654	0.405259	-2.46756	0.67734	1.22726	1.22726	2.12942	8.0775	3.37182	1
cg13984563	SERPINA5	0.150319	0.719668	1.16473	1.16473	0.729635	0.86347	-1.15812	0.031446	0.343807	-2.90861	0.247626	0.599636	-1.66768	0.397248	0.692975	-1.44305	0.0519954	2.54821	2.54821	0.201721	1.76897	1.76897	0.536708	1.30303	1.30303	0.601581	1.24969	1.24969	2.1294	6.03744	2.52025	1
cg25444208	SOX2OT;SOX2	0.150321	0.861213	0.967119	-1.034	0.0703503	0.679458	-1.47176	0.153542	0.746807	-1.33903	0.487529	1.14426	1.14426	0.0619143	0.669212	-1.49429	0.0374936	0.630536	-1.58595	0.397944	1.17981	1.17981	0.613022	0.907156	-1.10235	0.16914	0.755878	-1.32296	2.12938	1.23103	0.513882	1
cg11269599	ZNF577;ZNF577;ZNF577	0.150323	0.284716	1.44117	1.44117	0.378979	0.743169	-1.34559	0.00912773	2.97186	2.97186	0.960393	0.983801	-1.01647	0.698618	0.879893	-1.1365	0.118898	0.573132	-1.7448	0.539587	1.2266	1.2266	0.917987	1.03445	1.03445	0.757681	1.10714	1.10714	2.12937	3.64747	1.52261	1
cg25317664	SLC30A10;SLC30A10	0.150328	0.912603	0.954448	-1.04773	0.637622	1.2232	1.2232	0.608573	1.24525	1.24525	0.705321	0.851017	-1.17506	0.693834	0.845349	-1.18294	0.806539	0.901055	-1.10981	0.00429676	0.197591	-5.06095	0.151464	0.520667	-1.92061	0.919718	1.04374	1.04374	2.12934	6.08108	2.53854	1
cg05001145	ELL2;ELL2	0.150329	0.23301	0.768365	-1.30147	0.223913	1.30893	1.30893	0.0241439	1.76213	1.76213	0.277889	1.26839	1.26839	0.999173	0.999782	-1.00022	0.880684	0.968848	-1.03215	0.840973	0.958554	-1.04324	0.259036	1.2816	1.2816	0.0372698	1.66428	1.66428	2.12933	1.49716	0.624991	1
cg21215272	LOC100130691;AGPS	0.150329	0.0428374	0.660115	-1.51489	0.543249	0.89616	-1.11587	0.921461	0.982582	-1.01773	0.0169251	0.595079	-1.68045	0.986889	1.00293	1.00293	0.152629	0.761125	-1.31384	0.237335	0.802059	-1.24679	0.947484	1.01181	1.01181	0.294281	1.21388	1.21388	2.12933	1.07062	0.446931	1
cg08081323	RTN4RL2	0.150333	0.840797	1.06659	1.06659	0.150081	1.63972	1.63972	0.255806	1.4626	1.4626	0.711526	1.12643	1.12643	0.303523	0.71065	-1.40716	0.847463	0.940142	-1.06367	0.289038	0.702752	-1.42298	0.00939757	2.87314	2.87314	0.611886	1.17821	1.17821	2.12931	3.46446	1.44626	1
cg13849548	NAA15	0.150333	0.197404	0.806264	-1.24029	0.422445	1.13826	1.13826	0.626381	1.08062	1.08062	0.913513	1.01732	1.01732	0.143681	1.28185	1.28185	0.337656	1.16908	1.16908	0.0593869	0.714378	-1.39982	0.0443384	0.694179	-1.44055	0.503892	0.898351	-1.11315	2.1293	0.842313	0.351628	1
cg15746583	CD8B;CD8B;CD8B;CD8B;CD8B	0.150337	0.125709	2.5736	2.5736	0.916659	1.06153	1.06153	0.666073	0.780605	-1.28106	0.634777	0.7611	-1.31389	0.778199	0.851211	-1.1748	0.402703	0.613514	-1.62996	0.179657	2.25474	2.25474	0.0303517	4.27241	4.27241	0.0383603	3.93131	3.93131	2.12928	10.9753	4.58174	1
cg00080060	SDK1	0.15034	0.795595	1.05298	1.05298	0.00621692	2.03255	2.03255	0.438208	0.854503	-1.17027	0.250914	1.2694	1.2694	0.422647	1.17687	1.17687	0.165342	1.34212	1.34212	0.710714	0.928597	-1.07689	0.901379	0.97565	-1.02496	0.303669	1.23595	1.23595	2.12926	1.33338	0.55664	1
cg11127874	AHNAK	0.150344	0.431541	0.772111	-1.29515	0.298386	0.706616	-1.4152	0.0340262	0.450621	-2.21916	0.973041	1.01095	1.01095	0.00792171	0.333841	-2.99544	0.157945	0.614856	-1.6264	0.550399	0.823123	-1.21489	0.375629	0.746067	-1.34036	0.565422	0.829278	-1.20587	2.12923	3.50009	1.46118	1
cg08706312	MAGEB1;MAGEB1;MAGEB1	0.150345	0.193195	2.00081	2.00081	0.750031	0.851294	-1.17468	0.132086	0.441031	-2.26742	0.289076	0.574481	-1.7407	0.0146507	0.220091	-4.54357	0.361146	1.60452	1.60452	0.43301	1.49631	1.49631	0.967211	1.02092	1.02092	0.476962	0.69473	-1.43941	2.12922	8.55515	3.57153	1
cg20774722	ALDH3A2;ALDH3A2	0.150349	0.278866	1.18969	1.18969	0.663387	1.0699	1.0699	0.0620913	1.38272	1.38272	0.17932	0.802474	-1.24615	0.0319976	0.678668	-1.47347	0.499489	0.899646	-1.11155	0.35591	0.863728	-1.15777	0.504789	1.11006	1.11006	0.666279	1.06923	1.06923	2.12919	0.802585	0.335061	1
cg07031794	SELI;GPR113	0.150353	0.0858916	1.37813	1.37813	0.944594	1.01181	1.01181	0.873053	0.973341	-1.02739	0.849489	1.03262	1.03262	0.060574	0.699391	-1.42981	0.58265	0.910482	-1.09832	0.0214586	0.626954	-1.59501	0.896253	1.02229	1.02229	0.297756	0.833267	-1.2001	2.12917	0.962894	0.401991	1
cg19602452	SPRR4	0.150357	0.0415023	0.409619	-2.44129	0.898935	0.952901	-1.04943	0.974022	1.01244	1.01244	0.427015	0.734969	-1.3606	0.684044	0.85612	-1.16806	0.882395	1.05781	1.05781	0.926962	1.03542	1.03542	0.153373	0.559644	-1.78685	0.0084481	0.278928	-3.58515	2.12914	4.8611	2.02944	1
cg20515672	IL1RL2	0.150358	0.0214099	0.355844	-2.81022	0.218419	0.61639	-1.62235	0.516135	1.27901	1.27901	0.857971	0.935236	-1.06925	0.613466	0.826637	-1.20972	0.112407	0.524135	-1.90791	0.0718288	0.471791	-2.11958	0.694689	0.862911	-1.15887	0.0486646	0.430975	-2.32032	2.12914	4.71119	1.96687	1
cg21932368	SHF;SHF	0.150364	0.688447	0.864003	-1.1574	0.273016	1.51246	1.51246	0.181837	0.598114	-1.67192	0.611283	0.830366	-1.20429	0.351901	0.706494	-1.41544	0.801847	0.912838	-1.09548	0.0101213	0.308322	-3.24337	0.484706	1.29372	1.29372	0.279763	1.50307	1.50307	2.1291	4.43522	1.85169	1
cg20656637	FST;FST	0.150364	0.619951	1.24467	1.24467	0.0440714	2.75346	2.75346	0.773173	1.13488	1.13488	0.388394	0.67907	-1.4726	0.689864	1.19198	1.19198	0.416388	0.695129	-1.43858	0.846498	1.08856	1.08856	0.0151537	0.270817	-3.69253	0.991496	0.995345	-1.00468	2.12909	6.46359	2.69852	1
cg21914941	PTPRN2;PTPRN2;PTPRN2	0.150365	0.129777	4.13248	4.13248	0.077726	5.47224	5.47224	0.304853	2.51229	2.51229	0.292946	2.57505	2.57505	0.173667	3.50762	3.50762	0.0679427	5.88525	5.88525	0.0767835	5.50853	5.50853	0.0172287	12.3766	12.3766	0.921488	1.08923	1.08923	2.12909	25.3443	10.5812	1
cg05981394	CD19	0.150368	0.31706	0.556376	-1.79735	0.0685332	0.314778	-3.17684	0.00856494	0.149395	-6.69369	0.126847	0.392174	-2.54989	0.12416	0.38914	-2.56977	0.176741	0.443079	-2.25693	0.604366	0.743561	-1.34488	0.19393	0.458807	-2.17957	0.609302	0.746622	-1.33937	2.12907	10.8356	4.52389	1
cg27000690	PACSIN1	0.15037	0.485831	0.736307	-1.35813	0.0237511	3.21121	3.21121	0.116669	2.08928	2.08928	0.47248	0.729156	-1.37145	0.0851159	0.439176	-2.27699	0.844223	0.91848	-1.08876	0.665113	0.828409	-1.20713	0.392922	0.68503	-1.45979	0.521172	0.754971	-1.32455	2.12905	6.29995	2.63026	1
cg22406869	DPP3;BBS1;DPP3	0.150372	0.0815132	0.60574	-1.65087	0.699243	1.10605	1.10605	0.319073	1.3065	1.3065	0.0365735	0.532193	-1.87902	0.057116	0.571864	-1.74867	0.0898797	0.615451	-1.62482	0.529583	0.847595	-1.17981	0.858079	0.954589	-1.04757	0.301473	0.757329	-1.32043	2.12904	2.2731	0.949037	1
cg12485744	KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.150373	0.484561	0.728388	-1.37289	0.0158535	3.73733	3.73733	0.0323449	3.05882	3.05882	0.73169	0.857646	-1.16598	0.51631	0.74556	-1.34127	0.75604	0.870185	-1.14918	0.586629	1.27756	1.27756	0.901881	0.946457	-1.05657	0.573844	0.776049	-1.28858	2.12903	6.71239	2.80248	1
cg13580382	ANAPC2	0.150375	0.0430814	0.193215	-5.17557	0.276021	0.449181	-2.22627	0.599449	0.687765	-1.45398	0.308091	0.474671	-2.10672	0.0484883	0.203499	-4.91404	0.124394	0.308785	-3.2385	0.0247501	0.151363	-6.60665	0.0715849	0.241468	-4.14133	0.356255	0.511608	-1.95462	2.12902	16.8212	7.02302	1
cg25909885	NAV2	0.150376	0.0262459	0.152999	-6.53599	0.071724	0.238884	-4.18613	0.0806085	0.251619	-3.97426	0.671965	0.73838	-1.35432	0.0414879	0.187483	-5.33382	0.823957	0.853291	-1.17193	0.258905	0.432249	-2.31348	0.0791166	0.249534	-4.00747	0.529366	0.63525	-1.57418	2.12901	17.0974	7.13838	1
cg12059012	ABHD5	0.150378	0.473898	0.893798	-1.11882	0.364719	1.15439	1.15439	0.0851596	1.34099	1.34099	0.417443	1.13626	1.13626	0.869057	0.974887	-1.02576	0.899065	1.01975	1.01975	0.0238836	0.659994	-1.51516	0.207999	0.814939	-1.22708	0.208882	0.815298	-1.22655	2.129	0.801246	0.334532	1
cg12534150	APC;APC;APC;APC;APC	0.150379	0.217008	1.87962	1.87962	0.746845	1.17041	1.17041	0.513436	1.37986	1.37986	0.135755	2.18383	2.18383	0.0421618	0.320678	-3.11839	0.974075	1.01591	1.01591	0.0425863	0.321649	-3.10898	0.987946	0.992687	-1.00737	0.507373	1.38648	1.38648	2.12899	7.95885	3.32295	1
cg18346106	CATSPERB	0.150379	0.0588824	0.273275	-3.65932	0.00736966	0.122484	-8.16431	0.167583	0.408847	-2.4459	0.757791	1.20694	1.20694	0.217948	0.454736	-2.19908	0.780655	0.843883	-1.185	0.422216	0.607444	-1.64624	0.342403	0.551675	-1.81266	0.791991	0.851535	-1.17435	2.12899	12.4666	5.20502	1
cg00417456	ECD;ECD;ECD;ECD	0.150383	0.509753	1.1198	1.1198	0.314003	0.838459	-1.19266	0.156716	0.773907	-1.29214	0.385492	0.860244	-1.16246	0.725546	1.06145	1.06145	0.765039	1.05202	1.05202	0.00816627	1.77321	1.77321	0.874983	1.027	1.027	0.897116	1.02213	1.02213	2.12896	0.965338	0.40305	1
cg08587717	UBE2A;UBE2A	0.15039	0.093736	0.341874	-2.92505	0.0268507	0.217193	-4.6042	0.189221	0.444896	-2.24771	0.756368	0.834241	-1.19869	0.144205	0.401098	-2.49316	0.0622737	0.294597	-3.39446	0.914746	0.939544	-1.06435	0.352636	1.7454	1.7454	0.674806	1.27855	1.27855	2.12892	11.4342	4.77413	1
cg12044749	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.150391	0.0363079	0.58603	-1.7064	0.0799601	1.53199	1.53199	0.835081	1.04684	1.04684	0.530104	1.14987	1.14987	0.0899406	1.50739	1.50739	0.79982	0.945738	-1.05738	0.152926	1.39945	1.39945	0.728293	0.926285	-1.07958	0.539443	0.872484	-1.14615	2.12891	1.62542	0.678664	1
cg13674042	STARD4	0.150391	0.00859131	0.277917	-3.59819	0.402895	1.38682	1.38682	0.639831	0.835236	-1.19727	0.774024	0.895858	-1.11625	0.54205	0.789953	-1.2659	0.940915	0.972079	-1.02872	0.037813	0.398467	-2.50962	0.385683	0.711958	-1.40458	0.817217	0.915355	-1.09247	2.12891	4.92062	2.05452	1
cg06270802	9-Sep	0.150396	0.427006	0.699388	-1.42982	0.387742	0.676866	-1.4774	0.201276	0.551576	-1.81299	0.00391872	0.180577	-5.53779	0.658714	1.21648	1.21648	0.780718	1.13092	1.13092	0.894652	0.943266	-1.06015	0.566084	0.774358	-1.29139	0.856722	0.923416	-1.08294	2.12888	6.553	2.73613	1
cg15144817	FGF14	0.150396	0.24183	0.822086	-1.21642	0.132896	0.771601	-1.29601	0.101017	0.750358	-1.3327	0.353698	0.858475	-1.16486	0.0362004	0.677386	-1.47626	0.25517	0.826975	-1.20923	0.101669	1.33183	1.33183	0.350001	0.857407	-1.16631	0.220901	0.813999	-1.2285	2.12888	0.86226	0.360027	1
cg17668728	SAMD9	0.150397	0.127299	0.464539	-2.15267	0.0441385	0.341225	-2.93062	0.31311	0.615627	-1.62436	0.104217	0.437848	-2.2839	0.0171497	0.25908	-3.85982	0.104988	0.438798	-2.27895	0.101413	0.434353	-2.30228	0.539727	0.749262	-1.33465	0.528316	0.743009	-1.34588	2.12887	7.28911	3.04349	1
cg10909192	PRPF39;SNORD127	0.150397	0.173588	0.539443	-1.85377	0.357559	0.668073	-1.49684	0.119293	0.486429	-2.0558	0.867779	1.07361	1.07361	0.00596621	0.216	-4.62962	0.215808	0.573874	-1.74254	0.380361	0.681399	-1.46757	0.813165	1.1062	1.1062	0.843107	0.918992	-1.08815	2.12887	6.12762	2.55853	1
cg21124714	P2RY6;P2RY6;P2RY6;P2RY6	0.150398	0.362956	0.786169	-1.27199	0.142007	0.666172	-1.50111	0.0939758	0.622612	-1.60614	0.444403	1.22215	1.22215	0.0375356	0.537445	-1.86066	0.295904	1.32166	1.32166	0.144369	1.497	1.497	0.926987	0.976692	-1.02386	0.960077	1.01296	1.01296	2.12887	2.23228	0.932067	1
cg20342184	GRHL2	0.1504	0.69207	0.83918	-1.19164	0.0434118	2.78174	2.78174	0.821439	0.90523	-1.10469	0.0296365	3.08864	3.08864	0.625168	0.805042	-1.24217	0.187486	0.540494	-1.85016	0.233068	0.57653	-1.73451	0.497949	1.35398	1.35398	0.911696	1.05008	1.05008	2.12885	6.54083	2.73109	1
cg01907098	PDXK	0.1504	0.462868	0.723995	-1.38122	0.0620688	0.403361	-2.47917	0.116438	0.478413	-2.09024	0.768092	1.13632	1.13632	0.1952	0.553143	-1.80785	0.134142	2.01005	2.01005	0.0927776	0.449611	-2.22414	0.150308	0.513553	-1.94722	0.504371	1.34018	1.34018	2.12885	6.29789	2.62965	1
cg19695945	C1orf173	0.150401	0.457032	0.881443	-1.1345	0.228929	0.810288	-1.23413	0.33653	0.847812	-1.17951	0.764626	1.0513	1.0513	0.496995	0.891458	-1.12176	0.776804	0.95375	-1.04849	0.0062197	0.551971	-1.81169	0.0505204	0.689825	-1.44964	0.563341	0.907245	-1.10224	2.12884	0.935944	0.390799	1
cg05870116	MFHAS1	0.150402	0.910436	1.04318	1.04318	0.188232	0.592253	-1.68847	0.937546	1.02988	1.02988	0.631856	0.834139	-1.19884	0.670605	0.85152	-1.17437	0.0124012	3.21984	3.21984	0.0695702	2.14373	2.14373	0.703323	1.1546	1.1546	0.57721	0.809305	-1.23563	2.12884	4.7589	1.98706	1
cg20464719	FCHO1;FCHO1;FCHO1;FCHO1	0.150402	0.800214	1.20483	1.20483	0.807726	0.83597	-1.19622	0.0689462	4.46204	4.46204	0.160451	3.00959	3.00959	0.459344	0.574868	-1.73953	0.345231	2.04287	2.04287	0.0345398	6.11839	6.11839	0.0465123	5.34078	5.34078	0.135958	3.25657	3.25657	2.12884	18.2056	7.6017	1
cg04867814	UBE2I;UBE2I;UBE2I;UBE2I	0.150403	0.225015	0.482521	-2.07245	0.445503	1.56007	1.56007	0.376649	0.595237	-1.68	0.759199	0.83877	-1.19222	0.00961145	0.153425	-6.51785	0.337266	0.567947	-1.76073	0.139305	0.402586	-2.48394	0.426275	1.5913	1.5913	0.207008	0.467209	-2.14037	2.12883	11.0253	4.60358	1
cg24949049	TDRD3;TDRD3;TDRD3	0.150404	0.838231	1.06347	1.06347	0.0124387	2.55059	2.55059	0.0888794	1.75923	1.75923	0.247213	1.43937	1.43937	0.728833	1.11045	1.11045	0.703174	1.12214	1.12214	0.0432049	2.01396	2.01396	0.101663	1.71499	1.71499	0.380416	1.31106	1.31106	2.12883	3.05511	1.27566	1
cg02999781	PRDM16;PRDM16	0.150405	0.862041	1.06343	1.06343	0.163522	1.69181	1.69181	0.80363	1.09209	1.09209	0.202553	1.60915	1.60915	0.288388	0.677249	-1.47656	0.214921	1.58661	1.58661	0.431885	0.753043	-1.32794	0.0100589	3.15371	3.15371	0.619233	1.19379	1.19379	2.12882	4.21536	1.76013	1
cg25533387	TACC2;TACC2	0.150405	0.0564803	0.440787	-2.26867	0.0727414	0.46792	-2.13712	0.13449	0.542162	-1.84447	0.293185	0.661214	-1.51237	0.0417446	0.410484	-2.43615	0.0847082	0.485132	-2.0613	0.116025	0.523081	-1.91175	0.54513	1.26152	1.26152	0.663797	0.847115	-1.18048	2.12881	4.85231	2.02609	1
cg05946942	NAV2	0.150406	0.176895	2.36444	2.36444	0.7986	1.16566	1.16566	0.683761	0.782293	-1.27829	0.0785635	3.22636	3.22636	0.135399	2.62442	2.62442	0.28916	1.93407	1.93407	0.01027	6.95392	6.95392	0.243138	2.07971	2.07971	0.167848	2.41389	2.41389	2.12881	12.1181	5.05994	1
cg21182454	MERTK;MERTK	0.150407	0.869581	1.0649	1.0649	0.716942	1.1495	1.1495	0.520368	1.28317	1.28317	0.473175	1.32206	1.32206	0.00563949	4.01554	4.01554	0.141981	0.546532	-1.82972	0.892252	1.05323	1.05323	0.871868	1.06372	1.06372	0.681349	0.853852	-1.17116	2.1288	4.93721	2.06155	1
cg03686593	FAM38B	0.150408	0.759731	0.927689	-1.07795	0.136985	0.675731	-1.47988	0.0811928	1.60486	1.60486	0.888627	0.966295	-1.03488	0.0463781	0.572174	-1.74772	0.567578	0.868165	-1.15185	0.986138	1.00426	1.00426	0.238207	1.35296	1.35296	0.127551	1.49656	1.49656	2.1288	2.01858	0.842864	1
cg14712313	INO80D	0.150417	0.486637	1.2459	1.2459	0.536544	1.2149	1.2149	0.121568	1.6855	1.6855	0.436309	1.2802	1.2802	0.495909	0.806495	-1.23993	0.291244	0.711312	-1.40585	0.0112783	0.372614	-2.68374	0.790937	0.920682	-1.08615	0.626428	0.85849	-1.16484	2.12874	3.26181	1.36202	1
cg02600099	SIK2	0.150417	0.0320329	2.08971	2.08971	0.0744892	1.79149	1.79149	0.799457	1.07756	1.07756	0.640065	1.14819	1.14819	0.329046	0.744106	-1.34389	0.136634	1.60081	1.60081	0.0328092	2.08058	2.08058	0.561164	1.18816	1.18816	0.367682	1.31194	1.31194	2.12874	2.90258	1.21202	1
cg11276986	CAP2	0.150417	0.238955	1.30593	1.30593	0.854842	0.961141	-1.04043	0.0774627	1.52923	1.52923	0.0474142	1.63372	1.63372	0.407122	1.20145	1.20145	0.223682	0.758301	-1.31874	0.450611	0.846741	-1.181	0.525201	0.869932	-1.14951	0.0753652	1.53492	1.53492	2.12874	1.57916	0.659406	1
cg14411527	VOPP1	0.150417	0.583171	1.19834	1.19834	0.734629	0.894866	-1.11749	0.508869	0.803489	-1.24457	0.99628	0.998479	-1.00152	0.421709	0.764935	-1.3073	0.0739329	0.521899	-1.91608	0.0110437	2.83112	2.83112	0.672144	1.1491	1.1491	0.53431	1.22811	1.22811	2.12873	3.59367	1.5006	1
cg05694290	HIP1R	0.150419	0.328914	0.616196	-1.62286	0.633926	0.794115	-1.25926	0.85309	0.914777	-1.09316	0.0948021	2.41628	2.41628	0.0362398	0.310342	-3.22225	0.188127	1.95454	1.95454	0.712903	1.19433	1.19433	0.096371	2.40431	2.40431	0.523615	1.36423	1.36423	2.12872	7.78459	3.2506	1
cg05887495	LOC100286793;FLJ39739	0.150424	0.869826	0.916376	-1.09125	0.943223	0.962786	-1.03865	0.00299733	0.114475	-8.73555	0.833816	1.11836	1.11836	0.662883	0.791713	-1.26308	0.822403	0.887185	-1.12716	0.750779	0.843949	-1.18491	0.748924	1.18647	1.18647	0.691324	1.23677	1.23677	2.12869	9.55801	3.99119	1
cg02397727	SLC30A2;SLC30A2	0.150424	0.891617	1.03261	1.03261	0.765445	1.07297	1.07297	0.175089	1.4042	1.4042	0.650703	1.11326	1.11326	0.448569	0.833779	-1.19936	0.166596	0.706694	-1.41504	0.0226075	0.525906	-1.90148	0.0922426	1.54686	1.54686	0.698185	1.09606	1.09606	2.12869	1.86802	0.780039	1
cg03349397	LY86;LOC285780	0.150425	0.526282	1.39565	1.39565	0.582397	1.33419	1.33419	0.0113059	0.192637	-5.19112	0.661371	0.795462	-1.25713	0.610928	1.30522	1.30522	0.934192	0.958031	-1.04381	0.14733	2.24173	2.24173	0.128135	0.425742	-2.34884	0.681656	0.807241	-1.23879	2.12868	9.08703	3.79453	1
cg04371288	MAP6;MAP6	0.150427	0.718808	1.2447	1.2447	0.593574	1.38592	1.38592	0.0147601	0.153076	-6.53269	0.341267	1.8149	1.8149	?	?	?	0.203785	0.441196	-2.26657	?	?	?	0.689382	1.27541	1.27541	0.569395	1.41687	1.41687	2.27305	10.0334	4.41408	1
cg23906264	RNF170	0.150429	0.746685	0.827981	-1.20776	0.299726	0.534759	-1.87	0.0874998	0.333315	-3.00017	0.389946	1.67046	1.67046	0.535053	0.693587	-1.44178	0.294663	0.530986	-1.88329	0.0337403	4.23821	4.23821	0.181898	2.28252	2.28252	0.343782	0.566653	-1.76475	2.12866	11.4362	4.77556	1
cg17560720	ANKRD16;ANKRD16;ANKRD16;FBXO18	0.15043	0.595316	0.879317	-1.13725	0.62942	0.889896	-1.12373	0.878485	0.96396	-1.03739	0.804066	1.06145	1.06145	0.576496	1.14496	1.14496	0.26702	0.757732	-1.31973	0.524992	0.856808	-1.16712	0.259312	1.32621	1.32621	0.00652381	2.33499	2.33499	2.12865	1.94041	0.810286	1
cg00762738	SLC41A1	0.150434	0.931826	1.04921	1.04921	0.0709086	3.10445	3.10445	0.0353479	3.95812	3.95812	0.264472	1.92123	1.92123	0.163269	0.433701	-2.30574	0.0933052	2.81897	2.81897	0.212775	2.08905	2.08905	0.190264	2.17877	2.17877	0.715286	1.22835	1.22835	2.12862	10.6257	4.4372	1
cg16035382	KDELR2;KDELR2	0.150434	0.402046	1.11926	1.11926	0.15459	0.818599	-1.2216	0.0963643	0.786754	-1.27105	0.184118	0.831029	-1.20333	0.0874521	0.780474	-1.28127	0.917887	0.986544	-1.01364	0.166615	1.21378	1.21378	0.0717153	0.767856	-1.30233	0.298258	0.86793	-1.15217	2.12862	0.581805	0.242956	1
cg27250462	RHOXF1	0.150435	0.499024	0.828352	-1.20722	0.0217254	0.469523	-2.12982	0.0194436	0.460583	-2.17116	0.186838	0.68116	-1.46808	0.92556	0.974682	-1.02598	0.439257	0.805357	-1.24169	0.894202	0.964146	-1.03719	0.0632655	0.563717	-1.77394	0.588138	0.860677	-1.16188	2.12861	2.53858	1.06009	1
cg16469046	INPP4A;INPP4A;INPP4A;INPP4A	0.150437	0.143292	0.290009	-3.44817	0.646971	0.695657	-1.43749	0.399294	1.9721	1.9721	0.835663	1.1776	1.1776	0.112442	0.256655	-3.89628	0.324224	0.448772	-2.2283	0.0195706	0.108588	-9.20908	0.0852087	0.223652	-4.47123	0.122962	0.268423	-3.72547	2.1286	20.8804	8.71951	1
cg03641797	TNRC18	0.150439	0.73154	1.0717	1.0717	0.048641	1.57277	1.57277	0.028761	1.67964	1.67964	0.575471	1.12049	1.12049	0.581876	0.894204	-1.11831	0.645958	0.911189	-1.09747	0.0573042	1.54091	1.54091	0.269896	1.25986	1.25986	0.476035	0.864404	-1.15687	2.12859	1.36291	0.569144	1
cg10625588	PAPOLB;RADIL	0.150439	0.268883	0.737625	-1.3557	0.605023	1.14784	1.14784	0.0110703	0.430856	-2.32096	0.652261	0.887026	-1.12736	0.115194	1.57246	1.57246	0.409263	1.24987	1.24987	0.508435	1.19398	1.19398	0.664117	0.890951	-1.1224	0.700455	0.902886	-1.10756	2.12858	2.35457	0.98326	1
cg27177554	C1QL3	0.150442	0.0512805	39.1529	39.1529	0.0891496	22.1496	22.1496	0.11612	16.8083	16.8083	0.885723	0.78849	-1.26825	0.147632	13.0298	13.0298	0.471769	0.298321	-3.35209	0.0669844	29.7568	29.7568	0.0658456	30.2864	30.2864	0.548322	2.72849	2.72849	2.12857	92.0573	38.4431	1
cg11701372	DSCAM	0.150443	0.424928	0.560741	-1.78335	0.00957988	0.0974125	-10.2656	0.0336035	0.171678	-5.82486	0.904838	1.08862	1.08862	0.186753	0.370247	-2.7009	0.642361	0.717467	-1.39379	0.21844	0.398911	-2.50682	0.77099	0.812846	-1.23025	0.921908	1.07209	1.07209	2.12856	16.9917	7.09575	1
cg14242680	GBF1	0.150449	0.085913	0.622244	-1.60709	0.156354	0.68452	-1.46088	0.0569666	0.58364	-1.71338	0.638515	1.12556	1.12556	0.0387549	0.549757	-1.81898	0.145037	0.676226	-1.4788	0.420555	0.814072	-1.22839	0.0455951	0.563811	-1.77364	0.600004	0.876102	-1.14142	2.12852	2.10661	0.879738	1
cg24845274	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.150453	0.676216	0.933462	-1.07128	0.536375	1.1081	1.1081	0.00443807	1.86332	1.86332	0.906299	0.980881	-1.01949	0.123845	1.31418	1.31418	0.741585	1.05575	1.05575	0.948917	0.989551	-1.01056	0.913183	1.01804	1.01804	0.785088	0.956179	-1.04583	2.12849	0.905975	0.378348	1
cg06191034	ABR;ABR	0.150454	0.54176	1.31397	1.31397	0.217729	0.563696	-1.77401	0.190559	0.541846	-1.84554	0.617868	1.249	1.249	0.0299288	0.323293	-3.09317	0.704073	1.18377	1.18377	0.175275	1.89125	1.89125	0.169663	1.90923	1.90923	0.316197	1.58108	1.58108	2.12849	6.58824	2.75135	1
cg03689324	ISLR2;ISLR2;ISLR2;ISLR2	0.150459	0.220844	2.14594	2.14594	0.361095	1.74541	1.74541	0.570284	1.40542	1.40542	0.462075	1.55917	1.55917	0.0742041	3.25538	3.25538	0.383883	0.588775	-1.69844	0.035318	0.233599	-4.28084	0.254807	2.02463	2.02463	0.351735	0.566338	-1.76573	2.12846	11.865	4.95507	1
cg27659677	TOMM20L	0.150462	0.0900629	0.749099	-1.33494	0.791296	1.04186	1.04186	0.0880055	1.33794	1.33794	0.311798	0.850611	-1.17562	0.12532	0.773731	-1.29244	0.189581	1.23969	1.23969	0.102958	1.31765	1.31765	0.644412	1.07451	1.07451	0.963006	1.0072	1.0072	2.12843	0.806005	0.336609	1
cg03305185	ZNF75D	0.150463	0.0143449	0.193781	-5.16046	0.760197	1.18106	1.18106	0.148928	0.431091	-2.3197	0.997474	1.00172	1.00172	0.892761	0.929302	-1.07608	0.0627807	0.320426	-3.12085	0.0614149	0.318052	-3.14414	0.36097	0.600199	-1.66611	0.932297	0.954861	-1.04727	2.12843	9.96124	4.16009	1
cg03775635	ZNF614	0.150463	0.567843	1.12018	1.12018	0.254045	0.791275	-1.26378	0.0751193	0.677366	-1.47631	0.242	1.27214	1.27214	0.3487	1.2088	1.2088	0.0600091	1.51746	1.51746	0.0903008	1.44324	1.44324	0.801969	1.05064	1.05064	0.460504	0.8627	-1.15915	2.12842	1.30235	0.5439	1
cg01137047	SERPINB6	0.150467	0.099278	0.674183	-1.48328	0.0245885	1.79349	1.79349	0.111734	1.45927	1.45927	0.904941	0.97427	-1.02641	0.292532	0.787988	-1.26905	0.382654	0.822551	-1.21573	0.742393	0.930562	-1.07462	0.611293	1.11832	1.11832	0.491561	1.16466	1.16466	2.1284	1.60481	0.67022	1
cg15049101	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.15047	0.102304	0.307603	-3.25095	0.742709	1.2426	1.2426	0.887959	1.09741	1.09741	0.0630197	3.97071	3.97071	0.752839	1.23158	1.23158	0.438408	1.68398	1.68398	0.299709	2.03128	2.03128	0.0176902	6.70179	6.70179	0.376894	1.81828	1.81828	2.12838	14.656	6.12088	1
cg16197772	DHRS4L1	0.150471	0.305301	1.35104	1.35104	0.01643	0.435583	-2.29578	0.511299	1.20783	1.20783	0.340417	0.756939	-1.32111	0.597032	1.16326	1.16326	0.199236	1.46882	1.46882	0.727191	1.10437	1.10437	0.805664	0.932518	-1.07236	0.113922	0.614185	-1.62817	2.12837	2.70807	1.131	1
cg09567180	FAM24B	0.150473	0.064606	0.224279	-4.45874	0.102094	0.275681	-3.62738	0.0723176	0.235917	-4.23878	0.129694	0.30762	-3.25076	0.209946	0.386165	-2.58957	0.072916	0.236792	-4.22312	0.0366455	0.174023	-5.74638	0.721622	1.29387	1.29387	0.456442	0.579153	-1.72666	2.12836	17.4811	7.30083	1
cg14134703	BRD9;BRD9;BRD9	0.150474	0.490551	0.896934	-1.11491	0.0995861	0.755517	-1.3236	0.64395	0.930261	-1.07497	0.28104	1.19009	1.19009	0.0834413	0.742582	-1.34665	0.435533	0.883762	-1.13153	0.033107	1.4725	1.4725	0.764837	1.0477	1.0477	0.512231	1.10876	1.10876	2.12835	0.81323	0.339639	1
cg23013664	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.150474	0.665807	1.1167	1.1167	0.884502	0.963751	-1.03761	0.154782	0.679211	-1.4723	0.0411603	0.549678	-1.81925	0.996782	1.00102	1.00102	0.0741591	0.603233	-1.65773	0.0961596	1.59057	1.59057	0.964877	0.988877	-1.01125	0.287772	1.32359	1.32359	2.12835	2.17494	0.908346	1
cg19250907	CPA6;CPA6	0.150474	0.294854	0.83163	-1.20246	0.354751	1.17535	1.17535	0.754815	0.948224	-1.0546	0.338805	0.845927	-1.18214	0.0786717	0.717898	-1.39296	0.0274478	0.642332	-1.55683	0.189918	1.26568	1.26568	0.15387	0.771756	-1.29575	0.33644	0.84519	-1.18317	2.12835	0.970788	0.405442	1
cg03399754	MORN1	0.150479	0.126832	0.721822	-1.38538	0.0597207	0.657426	-1.52108	0.472061	0.865545	-1.15534	0.403408	0.844689	-1.18387	0.0347384	0.615156	-1.6256	0.921593	1.01962	1.01962	0.141775	1.36594	1.36594	0.616106	1.10494	1.10494	0.24475	0.78647	-1.2715	2.12832	1.31352	0.548589	1
cg18042079	UTP6	0.15048	0.0643026	0.750652	-1.33218	0.118456	1.26347	1.26347	0.245365	1.18252	1.18252	0.399544	0.887815	-1.12636	0.0878665	0.771122	-1.29681	0.465653	1.10787	1.10787	0.124963	0.795207	-1.25753	0.640353	0.937139	-1.06708	0.684473	1.05799	1.05799	2.12831	0.641697	0.268004	1
cg07113414	C8orf73	0.15048	0.106591	0.353938	-2.82535	0.19611	0.446739	-2.23844	0.421922	0.616575	-1.62186	0.213238	0.461786	-2.1655	0.116433	0.36583	-2.73351	0.555467	0.703614	-1.42123	0.0505318	0.268846	-3.7196	0.00992561	0.14662	-6.82033	0.411856	0.60981	-1.63985	2.12831	11.7123	4.89165	1
cg11967292	EPHX1	0.150483	0.442731	0.774892	-1.2905	0.683655	0.875028	-1.14282	0.916963	1.03457	1.03457	0.88973	0.955802	-1.04624	0.808044	0.923748	-1.08255	0.00375064	0.279412	-3.57894	0.466446	0.785452	-1.27315	0.598929	1.1888	1.1888	0.483573	1.26112	1.26112	2.12829	3.57919	1.49486	1
cg12549411	B3GALT5;B3GALT5;B3GALT5;B3GALT5;B3GALT5	0.150485	0.018809	0.156125	-6.40514	0.224673	0.435104	-2.2983	0.607772	0.713346	-1.40184	0.0758485	0.275497	-3.62981	0.347135	0.531708	-1.88073	0.335619	0.523172	-1.91142	0.0192776	0.15772	-6.34035	0.452944	0.607214	-1.64687	0.176765	0.391847	-2.55202	2.12827	14.3503	5.99351	1
cg00156551	ARHGEF10	0.150488	0.0631089	0.347661	-2.87637	0.135922	0.443896	-2.25278	0.462925	0.685476	-1.45884	0.544174	0.733251	-1.36379	0.0795121	0.373921	-2.67436	0.275659	0.563736	-1.77388	0.0150316	0.22077	-4.5296	0.818923	1.12288	1.12288	0.102925	0.405864	-2.46388	2.12825	8.61039	3.59623	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1 vs. N)	p-value|1047 vs. 1048)	Fold-Change(1 vs. 1048)	p-value|1057 vs. N)	Fold-Change(1 vs. N)	p-value|1111 vs. N)	Fold-Change(1 vs. N)	p-value|1117 vs. N)	Fold-Change(1 vs. N)	p-value|1127 vs. N)	Fold-Change(1 vs. N)	p-value|1217 vs. N)	Fold-Change(1 vs. N)	p-value|1221 vs. N)	Fold-Change(1 vs. N)	p-value|1347 vs. N)	Fold-Change(1 vs. N)	p-value|1477 vs. N)	Fold-Change(1 vs. N)	p-value|1537 vs. N)	Fold-Change(1 vs. N)	p-value|5377 vs. N)	Fold-Change(1 vs. N)	p-value|5637 vs. N)	Fold-Change(1 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg09930743	GAUN7B		0.15040	0.063172	0.19919	-5.02034	0.33263	2.16335	0.18255	1.01742	0.15427	0.628762	-1.50043	0.432313	0.538626	-1.85578			0.292631	0.433338	-2.30767	0.00948149	0.0790356	-12.6525	0.971065	1.0284	1.0284	0.259403	0.403165	-2.48058	2.12824	20.0934	8.39227	1
cg22089024	EPHB2;EPHB2		0.15041	0.180771	1.47696	1.47696	0.591927	0.862002	-1.16009	0.51461	0.83414	-1.19884	0.688776	1.11682	0.616188	1.14877	1.14877		0.01674	1.43	2.22924	2.22924	0.393732	0.786826	-1.27093	0.61751	0.870953	-1.14817	0.0538822	1.82327	1.82327	2.12823	2.53853	1.06026	1
cg09934926	ELOVL6;ELOVL6		0.15045	0.549552	0.833693	-1.19948	0.649969	1.1471	1.1471	0.267692	0.706918	-1.41459	0.0526716	0.93807	1.93807	0.749024	1.10122	1.10122	0.757737	0.911247	-1.0974	0.0349748	0.478014	-2.09199	0.102154	1.71151	1.71151	0.990218	0.996324	-1.00369	2.02821	3.04156	1.27037	1
cg26732618	TMEM8A		0.15045	0.211942	0.511913	1.95345	0.51669	1.29473	1.29473	0.107395	0.508481	0.708872	-1.41069	0.665862	1.29473	1.24763	0.662275	0.350258	-2.85546		0.0576052	0.335072	-2.98401	0.0207288	0.24217	-4.12934	0.506104	0.70924	-1.40996	0.208516	0.509061	1.96644	2.13821	8.74095	3.65084	1
cg10692118	FMNL1		0.15047	0.983907	1.00288	1.00288	0.047882	0.378993	1.30383	0.0343718	1.40298	0.824098	0.8747385	0.977799	-1.0227	0.866115	1.02431	1.02431	0.563236	0.920169	-1.08676	0.378607	0.879326	-1.13724	0.86118	1.02523	1.02523	0.0404165	1.40074	1.40074	2.1282	0.683124	0.285322	1
cg27658899	AMPD2;AMPD2;AMPD2		0.15048	0.776376	1.14719	1.14719	0.00563488	0.173717	-5.7565	0.377393	0.646402	-1.54702	0.7217539	1.18798	1.18798	0.488783	0.7126268	-1.40324		0.446348	0.688023	-1.45344	0.229488	0.54474	-1.83574	0.182004	0.5516094	-1.95429	0.538424	1.34995	1.34995	2.12819	7.822193	3.26712	1
cg10940957	ZNF34		0.15048	0.86127	1.04867	1.04867	0.12032	0.632693	-1.58055	0.429713	0.803327	-1.24482	0.10639	0.619397	-1.61447	0.816429	0.938781	-1.06521		0.204434	0.695024	-1.4388	0.00916862	0.4069931	-2.45704	0.0806922	0.590812	-1.69259	0.501987	0.831009	-1.20336	2.18219	2.48767	1.03903	1
cg13497381	LOC151174;LOC643387;LOC151174		0.1505	0.0728674	60.4236	60.4236	0.094665	42.87	42.87	0.342944	12.1819	12.1819	0.178641	18.60532	18.60532	0.0596665	77.3402	77.3402		0.0956756	42.2875	42.2875	0.0212401	288.866	288.866	0.342291	12.2281	12.2281	0.142547	25.15	25.15	2.12817	141.086	58.9284	1
cg27203895	NTM		0.15054	0.247214	0.476322	-2.09942	0.0215393	0.184113	-5.41143	0.559663	0.217577	-2.67959	0.643748	1.34955	1.34955	0.0973568	0.648395	-2.13495		0.173112	0.411235	-2.4317	0.138796	0.376527	-2.65585	0.0740294	0.295099	-3.38869	0.967044	1.02565	1.02565	2.18125	12.665	5.28996	1
cg23509634	DIAPH3;DIAPH3		0.15057	0.841451	1.04893	1.04893	0.1800888	0.712093	-1.40431	0.0198357	0.511277	-1.95589	0.617027	1.12778	1.12778	0.557801	1.15186	1.15186		0.598938	1.13494	1.13494	0.119052	1.49707	1.49707	0.773803	1.07115	1.07115	0.133685	0.679893	-1.47082	2.12813	1.91746	0.800898	1
cg15753394	RBM24;RBM24;RBM24		0.15059	0.30568	1.07409	1.07409	-1.48268	0.0470792	1.02772	-2.07784	0.8203791	1.14922	1.14922	0.0127779	0.9890505	1.01239	0.0139006	0.9755147	-1.52814		0.449323	0.790681	-1.33212	0.342126	0.794901	-1.25802	0.0079824	0.6284346	-1.59125	0.0139006	0.9755147	-1.54775	2.12811	4.66352	1.9479	1
cg23985797	TPO;TPO;TPO;TPO		0.15101	0.180798	1.33203	1.33203	0.941159	0.150101	1.01501	0.249683	0.784483	-1.27472	0.382503	0.834687	-1.19805	0.429275	1.1768	1.1768		0.0772604	1.48635	1.48635	0.0273703	1.69322	1.69322	0.28671	0.799945	-1.25009	0.530637	1.13673	1.13673	2.12707	0.573101	1
cg10874111	LOC154822		0.15114	0.047481	0.0979075	-11.3756	0.0992126	0.104165	-2.35212	0.393626	0.391744	-2.55269	0.541026	0.549868	-1.84187	0.0256332	0.0582004	-17.182		0.549936	0.187463	-5.33439	0.113255	0.157464	-6.35902	0.0941808	0.138971	-7.19373	0.0849625	0.129657	2.71268	2.12808	38.7664	16.1925	1
cg22373519	AGAP1;AGAP1		0.15115	0.82202	0.832104	-1.20177	0.0106357	0.0746471	-13.3964	0.0386719	0.144476	-6.92155	0.638095	1.46633	1.46633	0.824789	1.21218	1.21218		0.579151	0.635958	-1.57243	0.835141	1.18337	1.18337	0.427792	0.51992	-1.92337	0.474437	1.70983	1.70983	2.12808	21.999	9.1889	1
cg26892635	OR1F1		0.15052	0.0437197	0.184732	-5.41326	0.171908	0.946688	-2.88444	0.450814	0.571188	-1.75012	0.295818	0.453981	-2.20273	0.0414834	0.180395	-5.54341		0.402099	0.535437	-1.86764	0.0127613	0.120873	-8.27315	0.167733	0.336734	-2.9697	0.197578	0.370779	-2.69702	2.12804	17.8845	7.47042	1
cg13446533	ZBTB4;ZBTB4		0.15053	0.487373	0.7491055	-1.17931	0.0704246	0.604233	1.60423	0.641025	1.33277	-1.33277	0.506733	0.98253	-1.01783	0.467928	1.18843	1.18843		0.888057	1.03347	1.03347	0.0111444	2.02865	2.02865	0.583594	0.878631	-1.13833	0.271921	0.765433	1.30645	2.12801	1.84135	0.769146	1
cg26889819	PLEKHG4B		0.15024	0.757971	0.944251	-1.05904	0.203781	1.28265	1.28265	0.278566	0.811317	-1.23256	0.00974922	0.545174	-1.83428	0.833926	1.03973	1.03973		0.325687	1.20724	1.20724	0.464464	1.14818	1.14818	0.320757	0.826632	-1.20973	0.816704	0.957825	-1.04403	2.12801	1.16085	0.484898	1
cg20705280	MIR375		0.15029	0.0789006	17.4882	17.4882	0.184091	7.89721	7.89721	0.345708	4.15482	4.15482	0.139635	10.2909	10.2909	0.150207	9.60259	9.60259		0.0853453	16.2729	16.2729	0.0653227	20.8515	20.8515	0.0221852	55.7784	55.7784	0.12798	72.493	30.2814	1
cg17260725	CCNB2		0.15032	0.07310313	0.55935	-1.25905	0.206208	1.27233	1.27233	0.219105	0.13277	-1.53277	0.506733	1.16354	1.16354	0.0134368	1.97447	1.97447		0.422834	1.19952	1.19952	0.313516	0.7391952	-1.26073	0.575707	1.13392	1.13392	0.0111703	1.49886	1.49886	2.12796	1.64692	0.695471	1
cg09635768	RERE;RERE		0.15036	0.268633	0.605018	-1.65284	0.0363479	0.346042	-2.88582	0.0108689	0.247906	-4.03379	0.325382	0.642175	-1.55721	0.185668	0.542232	-1.84423		0.308467	0.631454	-1.58365	0.645846	0.817253	-1.22361	0.931673	0.96329	-1.03811	0.102498	0.458741	-2.17988	2.12793	6.43051	2.67783	1
cg18626282	KIAA1244		0.15054	0.495683	0.859063	-1.1641	0.0310774	0.1355	1.155	0.160387	0.839182	-1.19124	0.343404	1.24949	1.24949	0.490903	0.8547	-1.17004		0.18721	1.37574	1.37574	0.0204257	2.23499	2.23499	0.199558	0.597206	1.67402	0.0107256	0.885422	-1.12941	2.1279	1.75495	0.733096	1
cg13586457	SPTBN5		0.15042	0.318338	1.34765	1.34765	0.0534311	0.92283	0.9266353	0.762312	1.72212	0.42135	1.27736	1.27736	0.897951	0.10898	1.03898	1.03898		0.873068	0.954916	-1.04721	0.0265123	0.45667	-2.18976	0.701035	1.12183	1.12183	0.728726	1.10933	1.10933	2.12789	2.99305	1.25029	1
cg21480464	FEMT;PEMT;PEMT		0.15042	0.853758	1.12723	1.12723	0.0131669	0.73547	1.35969	0.13569	1.03569	0.965569	1.03569	1.1569	1.1569	0.0126202	1.1022	1.1022		0.0150356	1.58463	1.58463	0.0105107	1.24207	1.24207	0.0179275	2.04809	2.04809	0.0129657	2.71268	2.12808	38.7664	16.1925	1
cg24320306	LOC127841		0.15042	0.0824844	0.265412	-3.76773	0.1141109	0.305634	-3.27189	0.479666	0.609226	-1.64143	0.288714	2.13736	2.13736	0.0413752	0.197398	5.06592		0.361754	0.90894	1.90894	0.318018	2.03767	2.03767	0.842125	1.14744	1.14744	0.422122	1.76037	1.76037	0.12789	16.0295	6.69603	1
cg26352899	DNAJC2;DNAJC2		0.15043	0.0773764	0.697012	-1.43469	0.5030334	1.1331	1.1331	0.0648552	0.68305	-1.46402	0.380955	0.847713	-1.17964	0.328614	1.20367	1.20367		0.669542	1.08213	1.08213	0.348797	1.19402	1.19402	0.785642	1.05038	1.05038	0.0430961	0.651897	-1.53399	2.12789	1.19906	0.475825	1
cg08550729	SNAP23;SNAP23		0.15046	0.254791	0.787555	-1.27011	0.2454575	1.29583	1.29583	0.163907	0.771203	-1.29703	0.178365	0.771953	1.29583	0.0135617	1.74058	1.74058		0.14108	1.5517	1.5517	0.0221216	1.77733	1.77733	0.0179719	2.24409	2.24409	0.0129657	2.71268	2.12806	38.7664	16.1925	1
cg08848560	NUB1		0.15049	0.201773	0.867241	-1.15308	0.878888	1.01624	1.01624	0.920473	1.01061	1.01061	0.348501	0.903036	-1.10738	0.433338	1.08816	1.08816		0.225549	1.14432	1.14432	0.0543738	0.793994	-1.25946	0.445023	1.08575	1.08575	0.0374584	1.29064	1.29064	2.12785	0.376312	0.157201	1
cg20193356	ISR2		0.15055	0.439303	0.657668	-1.52052	0.4787095	0.90007	-1.1434	0.8035246	1.064324	-2.74483	0.203978	1.58061	1.58061	0.0617084	0.632284	-1.05792		0.285181	0.555502	-1.8129	0.238049	0.598928	-1.67015	0.0917353	0.72281	1.38281	0.0917353	0.72281	1.6721	0.594746	0.751874	1.33001	0.587181	2.12781	0.594746	0.751874	1.33001	0.587181	2.12781	9.50748	3.97174	1
cg00797477	BIO1		0.15058	0.246394	0.709447	-1.40955	0.0653648	0.556678	-1.79637	0.47073	0.812382	-1.23095	0.806575	0.93289	-1.07194	0.141845	0.639378	-1.56402		0.114828	0.615337	-1.62513	0.0167799	0.0710118	0.611612	-1.63502	0.0673157	0.559572	-1.78708	2.12779	2.70239	1.12893	1
cg10645113	SEMA4D		0.15058	0.59567	0.896497	-1.11545	0.5010437	1.14935	1.14935	0.157406	0.734583	-1.36132	0.286708	0.797954	-1.25321	0.447153	0.853791	-1.17125		0.854102	1.02754	1.02754	0.0883432	1.46759	1.46759	0.0163349	0.549388	-1.82021	0.5029557	0.870498	-1.14877	2.12778	1.40266	0.585965	1
cg12138770	YEATS2		0.15057	0.143947	0.78	1.28205	0.2832	1.12552	1.12552	0.0630899	0.891867	-1.12124	0.343404	1.24949	1.24949	0.490903	0.8547	-1.17004		0.283996	1.18806	1.18806	0.0963402	1.29473	1.29473	0.364026	0.852921	1.17316	0.0852921	1.17316	2.12773	1.75495	0.733096	1
cg21618273	TRIO		0.15061	0.024539	0.180523	-5.53947	0.364172	0.550898	-1.81522	0.242134	0.457168	-2.18738	0.241859	0.456939	-2.18407	0.0454925	0.220832	-4.52762		0.0795994	0.288242	-3.46931	0.0342625	0.206144	-4.85091	0.0297526	0.660215	-1.51466	0.240522	0.455828	-2.19381	2.12777	13.7754	5.75477	1
cg20052331	NXPH3		0.15063	0.98583	1.00712	1.00712	0.0131669	0.727345	1.37473	0.0124204	0.516604	-1.93607	0.2159096	0.46304	-2.16089916	0.0305575	0.1977	-5.05766		0.732915	1.3728	1.3728	0.0134363	1.90343	1.90343	0.0980954	1.41425	1.41425	0.0203645	1.49557	1.49557	2.12772	1.34966	0.570938	1
cg03483944	FAM71E2		0.15062	0.089579	0.520702	-1.92048	0.958041	0.981823	-1.01851	0.418211	0.74044	-1.33433	0.332928	0.705926	-1.41658	0.0508644	0.460433	2.17187		0.147376	0.581543	-1.71956	0.0160311	0.357795	-2.79489	0.168544	0.599554	-1.66791	0.676897	1.15733	1.15733	2.12776	4.0968	1.71147	1
cg04661991	TBC1D14;TBC1D14;TBC1D14		0.15062	0.926626	0.991732	-1.00834	0.0713759	1.19903	1.19903	0.223	1.12296	1.12296	0.579609	1.05171	1.05171	0.148388	1.14997	1.14997		0.684304	1.03753	1.03753	0.0276744	0.790849	-1.26446	0.896031	1.01185	1.01185	0.182015	1.13619	1.13619	2.12775	0.273798	0.114382	1
cg02340576	DPH1		0.15063	0.8307609	1.04775	1.04775	0.1780782	0.908884	-1.10025	0.21996	0.394399	-1.5441	0.485314	0.849655	-1.17653	0.624294	1.0722	1.0722		0.693777	1.09407	1.09407	0.0537209	0.8415201	1.20499	0.0834755	0.775153	1.28996	0.0834755	0.775153	1.28996	2.12773	1.77153	0.740277	1
cg23458346	SNX15;SNX15		0.15063	0.533592	0.88045	-1.13578	0.358941	0.20938	1.20938	0.191682	1.32196	1.32196	0.923482	0.980788	-1.01959	0.0295971	1.67734	1.67734		0.159751	0.738331	-1.35441	0.648262	0.911425	-1.09718	0.298141	0.801828	-1.24715	0.100786	1.43758	1.43758	2.12775	1.37419	0.574082	1
cg23872179	SH3BGRL;SH3BGRL;HMGN5		0.15066	0.468702	0.673423	-1.48539	0.5116451	0.915641	-1.0918	0.6013744	0.802736	-1.24602	0.627367	1.27163	1.27163	0.0477107	0.786545	-1.27146		0.339653	0.858458	-1.16503	0.0184586	0.235516	4.24602	0.0211479	0.737165	1.35705	0.0211479	0.737165	1.35705	2.12773	0.871153	0.364729	1
cg25002191	UBR1		0.15067	0.338895	0.779881	-1.28225	0.605927	1.14025	1.14025	0.123365	0.656429	-1.52339	0.177905	0.696935	-1.43485	0.0055184	0.398554	2.50907		0.704432	0.908356	-1.10089	0.583456	0.860652	-1.16189	0.811881	0.944125	-1.06222	0.260315	0.743702	1.34463	2.12772	2.14344	0.895453	1
cg23435082	BACE1;BACE1;BACE1;BACE1		0.15068	0.0302773	0.801376	-1.24785	0.726885	0.969976	-1.03095	0.52116	1.0595	1.0595	0.655544	0.961721	-1.0398	0.165039	1.1374	1.1374		0.0755847	1.18762	1.18762	0.110433	1.16326	1.16326	0.828605	0.981328	-1.01903	0.686748	1.03587	1.03587	2.12772	0.254627	0.106396	1
cg09346088	TFAP2E		0.15069	0.1852877	0.6744	-1.48355	0.4104225	0.516178	-1.93746	0.310046	0.494946	-2.02049	0.407367	0.727163	-1.37557	0.0460693	0.216752	-4.61355		0.397663	0.858498	-1.16503	0.0184586	0.235516	4.24602	0.0211479	0.737165	1.35705	0.0211479	0.737165	1.35705	2.12773	0.871153	0.364729	1
cg05207325	C5orf132;C5orf132		0.15078	0.568107	0.625676	-1.59827	0.0735796	0.05918	0.05918	0.157978	0.34047	0.634757	0.163753	0.40282	0.40282	0.0159532	0.89319	0.0896		0.019401	0.94678	0.94678	0.93467	0.1689	0.5095	0.93053	0.17221	1.7221	0.0360079	0.72921	0.72921	2.12765	2.12458	0.92886	1
cg20488756	TRIM15		0.15063	0.1637362	1.54652	1.54652	0.0163657	0.39557	2.52641	0.0163657	0.13988	3.13988	0.0882519	0.2165	4.61893	0.0163657	0.07604	13.1527		0.0255845	1.43836	1.43836	0.0163657	0.24771	4.0377	0.0163657	0.07604	13.1527	0.0163657	0.07604	13.1527	2.12765	2.18186	0.508954	1
cg22149350	MCC;MCC		0.15082	0.584711	0.865927	-1.15483	0.0420125	1.84262	1.84262	0.745977	0.918709	-1.08848	0.760678	0.904159	-1.106	0.242488	0.726831	-1.37584		0.0250645	0.49897	-2.00413	0.163723	0.678639	-1.47354	0.501692	0.837059	-1.19466	0.770713	1.07921	1.07921	2.12762	2.29266	0.957841	1
cg09346088	TFAP2E		0.15069	0.1852877	0.6744	-1.48355	0.4104225	0.516178	-1.93746	0.310046	0.494946	-2.02049	0.407367	0.727163	1.37557	0.0460693	0.216752	-4.61355		0.397663	0.858498	-1.16503	0.0184586	0.235516	4.24602	0.0211479	0.737165	1.35705	0.0211479	0.737165	1.35705	2.12773	0.871153	0.364729	1
cg00797477	B0D1		0.15058	0.246394	0.709447	-1.40955	0.0653648	0.556678	-1.79637	0.47073	0.812382	-1.23095	0.806575	0.93289	-1.07194	0.141845	0.639378	-1.56402		0.114828	0.615337	-1.62513	0.0167799	0.0710118	0.611612	-1.63502	0.0673157	0.559572	-1.78708	2.12779	2.70239	1.12893	1
cg10645113	SEMA4D		0.15058	0.59567	0.896497	-1.11545	0.5010437	1.14935	1.14935	0.157406	0.734583	-1.36132	0.286708	0.797954	-1.25321	0.447153	0.853791	-1.17125		0.854102	1.02754	1.02754	0.0883432	1.46759	1.46759	0.0163349	0.549388	-1.82021	0.5029557	0.870498	-1.14877	2.12778	1.40266	0.585965	1
cg12138770	YEATS2		0.15062	0.143947	0.78	1.28205	0.2832	1.12552	1.12552	0.0630899	0.891867	-1.12124	0.343404	1.24949	1.24949	0.490903	0.8547	-1.17004		0.283996	1.18806	1.18806	0.0963402	1.29473	1.29473	0.364026	0.852921	1.17316	0.0852921	1.17316	2.12773	1.75495	0.733096	1
cg21618273	TRIO		0.15061	0.024539	0.180523	-5.53947	0.364172	0.550898	-1.81522	0.242134	0.457168	-2.18738	0.241859	0.456939	-2.18407	0.0454925	0.220832	-4.52762		0.0795994	0.288242	-3.46931	0.0342625	0.206144	-4.85091	0.0297526	0.660215	-1.51466	0.240522	0.455828	-2.19381	2.12777	13.7754	5.75477	1
cg20052331	NXPH3		0.15063	0.98583	1.00712	1.00712	0.0131669	0.727345	1.37473	0.0124204	0.516604	-1.93607	0.2159096	0.46304	-2.16089916	0.0305575	0.1977	-5.05766		0.732915	1.3728	1.3728	0.0134363	1.90343	1.90343	0.0980954	1.41425	1.41425	0.0203645	1.49557	1.49557	2.12772	1.34966	0.570938	1
cg03483944	FAM71E2		0.15062	0.089579	0.520702	-1.92048	0.958041	0.981823	-1.01851	0.418211	0.74044	-1.33433	0.332928	0.705926	-1.41658	0.0508644	0.460433	2.17187		0.147376	0.581543	-1.71956	0.0160311	0.357795	-2.79489	0.168544	0.599554	-1.66791	0.676897	1.15733	1.15733	2.12776	4.0968	1.71147	1
cg04661991	TBC1D14;TBC1D14;TBC1D14		0.15062	0.926626	0.991732	-1.00834	0.0713759	1.19903	1.19903	0.223	1.12296	1.12296	0.579609	1.05171	1.05171	0.148388	1.14997	1.14997		0.684304	1.03753	1.03753	0.0276744	0.790849	-1.26446	0.896031	1.01185	1.01185	0.182015	1.13619	1.13619	2.12775	0.273798	0.114382	1
cg02340576	DPH1		0.15063	0.8307609	1.04775	1.04775	0.1780782	0.908884	-1.10025	0.21996	0.394399	-1.5441	0.485314	0.849655	-1.17653	0.624294	1.0722	1.0722		0.693777	1.09407	1.09407	0.0537209	0.8415201	1.20499	0.0834755	0.775153	1.28996	0.0834755	0.775153	1.28996	2.12773	1.77153	0.740277	1
cg23458346	SNX15;SNX15		0.15063	0.533592	0.88045	-1.13578	0.358941	0.20938	1.20938	0.191682	1.32196	1.32196	0.923482	0.980788	-1.01959	0.0295971	1.67734	1.67734		0.159751	0.738331	-1.35441	0.648262	0.911425	-1.09718	0.298141	0.801828	-1.24715	0.100786	1.43758	1.43758	2.12775	1.37419	0.574082	1
cg23872179	SH3BGRL;SH3BGRL;HMGN5		0.15066	0.468702	0.673423	-1.48539	0.5116451	0.915641	-1.0918	0.6013744	0.802736	-1.24602	0.627367	1.27163	1.27163	0.0477107	0.786545	-1.27146		0.339653	0.858458	-1.16503	0.0184586	0.235516	4.24602	0.0211479	0.737165	1.35705	0.0211479	0.737165	1.35705	2.12773	0.871153	0.364729	1
cg25002191	UBR1		0.15067	0.338895	0.779881	-1.28225	0.605927	1.14025	1.14025	0.123365	0.656429	-1.52339	0.177905	0.696935	-1.43485	0.0055184	0.398554	2.50907		0.704432	0.908356	-1.10089	0.583456	0.860652	-1.16189	0.811881	0.944125	-1.06222	0.260315	0.743702	1.34463	2.12772	2.14344	0.895453	1
cg23435082	BACE1;BACE1;BACE1;BACE1		0.15068	0.0302773	0.801376	-1.24785	0.726885	0.969976	-1.03095	0.52116	1.0595	1.0595	0.655544	0.961721	-1.0398	0.165039	1.1374	1.1374		0.0755847	1.18762	1.18762	0.110433	1.16326	1.16326	0.828605	0.981328	-1.01903	0.686748	1.03587	1.03587	2.12772	0.254627	0.106396	1
cg09346088	TFAP2E		0.15069	0.1852877	0.6744	-1.48355	0.4104225	0.516178	-1.93746	0.310046	0.494946	-2.02049	0.407367	0.727163	1.37557	0.0460693	0.216752	-4.61355		0.397663	0.858498	-1.16503	0.0184586	0.235516	4.24602	0.0211479	0.737165	1.35705	0.0211479	0.737165	1.35705	2.12773	0.871153	0.364729	1
cg00797477	B0D1		0.15058	0.246394	0.709447	-1.40955	0.0653648	0.556678	-1.79637	0.47073	0.812382	-1.23095	0.806575	0.93289	-1.07194	0.141845	0.639378	-1.56402		0.114828	0.615337	-1.62513	0.0167799	0.0710118	0.611612	-1.63502	0.0673157	0.559572	-1.78708	2.12779	2.70239	1.12893	1
cg10645113	SEMA4D		0.15058	0.59567	0.896497	-1.11545	0.5010437	1.14935	1.14935	0.157406	0.734583	-1.36132	0.286708	0.797954	-1.25321	0.447153	0.853791	-1.17125		0.854102	1.02754	1.02754	0.0883432	1.46759	1.46759	0.0163349	0.549388	-1.82021	0.5029557	0.870498	-1.14877	2.12778	1.40266	0.585965	1
cg12138770	YEATS2		0.15062	0.143947	0.78	1.28205	0.2832	1.12552	1.12552	0.0630899	0.891867	-1.12124	0.343404	1.24949	1.24949	0.490903	0.8547	-1.17004		0.283996	1.18806	1.18806	0.0963402	1.29473	1.29473	0.364026	0.852921	1.17316	0.0852921	1.17316	2.12773	1.75495	0.733096	1
cg21618273	TRIO		0.15061	0.024539	0.180523	-5.53947	0.364172	0.550898	-1.81522	0.242134	0.457168	-2.18738	0.241859	0.456939	-2.18407	0.0454925	0.220832	-4.52762		0.0795994	0.288242	-3.46931	0.0342625	0.206144	-4.85091	0.0297526

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change|1 vs.N)	p-value|1057 vs. N)	Fold-Change|1 057 vs. N)	p-value|1117 vs. N)	Fold-Change|1117 vs. N)	p-value|1127 vs. N)	Fold-Change|1127 vs. N)	p-value|1217 vs. N)	Fold-Change|1217 vs. N)	p-value|1247 vs. N)	Fold-Change|1247 vs. N)	p-value|3477 vs. N)	Fold-Change|3477 vs. N)	p-value|3537 vs. N)	Fold-Change|3537 vs. N)	p-value|5377 vs. N)	Fold-Change|5377 vs. N)	p-value|5637 vs. N)	Fold-Change|5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df
cg04794393	C1orf159		0.145439	0.320377	-3.33246	0.36541	0.48866	-2.04641	0.0975526	0.246632	0.410542	0.358854	0.483605	-2.00878	0.0163334	0.104284	0.43819	0.47341	0.4348	0.884625	0.894219	-1.11829	0.232662	0.381471	-2.62143	2.12633	19.9673	8.34709	1
cg21304454	MFAP2;MFAP2;MFAP2;MFAP2		0.150774		0.176968	0.349482	-2.86138	0.783072	0.816952	-1.22406	0.335256	0.482908	-2.07079	0.23281	0.399906	-2.50559	0.04776	0.19049	0.24962										
cg12614283	MAGEC1		0.150775		0.0309242	0.260599	-3.83731	0.149897	0.440754	-2.26884	0.233191	0.515091	-1.9414	0.184659	0.474099	-2.10927	0.072691	0.345525	-2.89414										
cg20063106	NSDHL;NSDN		0.150781		0.0554668	0.320708	-3.1181	0.0807343	0.362508	-2.75856	0.609463	0.763493	-1.30387	0.334183	0.593443	-1.68512	0.0193589	0.227272	-4.40001										
cg07718308	TSPAN9;TSPAN9		0.150781		0.654178	0.915215	-1.09264	0.478486	0.15209	1.15209	0.613165	0.904685	-1.10536	0.100025	0.1249	0.656241	0.915739	-1.09201										
cg00475182	GATS/1		0.150784		0.737077	1.12124	1.12124	0.434579	0.762787	-1.31098	0.0922127	0.532874	-1.87662	0.628399	0.847355	-1.18014	0.781207	1.09918	1.09918										
cg22674210	GTPBP5		0.150785		0.224411	0.534544	-1.87075	0.589436	0.768311	-1.30156	0.232213	0.540892	-1.8488	0.352612	0.59347	1.59347	?	?										
cg04585822	USH1G		0.150787		0.444856	1.45814	1.45814	0.319088	0.146444	1.64644	0.313847	0.546413	-1.83012	0.372455	1.558	1.558	0.18127	1.98827	1.98827										
cg18996796	KPNA4		0.150787		0.256729	1.22238	1.22238	0.0103465	0.578173	-1.72959	0.5525	1.10731	1.10731	0.597799	1.09451	1.09451	0.533729	0.932656	-1.08383										
cg00503458	KIAA0907		0.150789		0.152223	0.700599	-1.42735	0.663404	0.902806	-1.10766	0.606293	1.12819	1.12819	0.288469	0.774407	-1.29131	0.663415	1.10693	1.10693										
cg23668655	LYSM4		0.150791		0.453744	1.53231	1.53231	0.0822516	0.10652	1.10652	0.0822516	0.333592	-3.02946	0.187166	0.60901	-2.02678	0.324544	1.17345	1.17345										
cg06039988	FBMD8		0.150793		0.668743	0.80896	-1.13513	0.0659674	0.544759	-1.81567	0.697283	1.12199	1.12199	0.165741	0.54537	1.54537	0.142178	0.628877	-1.59014										
cg04827939	RPTOR;RPTOR		0.150794		0.134977	0.767035	-1.30373	0.136532	0.576597	-1.30553	0.0270234	0.566296	-1.78477	0.622321	0.920774	-1.08604	0.314566	0.841547	-1.18829										
cg07673080	HDAC4		0.150799		0.673481	1.39553	1.39553	0.2615065	0.398286	-2.51076	0.734199	0.764908	-1.30735	0.00964398	0.0760773	-13.1445	0.386365	2.01027	2.01027										
cg15736553	VGLL4;VGLL4;VGLL4;VGLL4;VGLL4		0.150799		0.890723	1.04502	1.04502	0.668265	0.871018	-1.14908	0.0955002	1.79043	1.79043	0.925305	1.03049	1.03049	0.316354	0.716189	-1.39628										
cg15344068	CUCS;CUCS		0.150805		0.752715	1.32832	1.32832	0.0400469	0.577288	-1.74585	0.685003	1.25908	1.25908	0.188516	0.545658	1.80693	-1.13557	0.385038	1.30338	1.30338										
cg16321524	HMGB3L1		0.150804		0.121621	0.415917	-2.40433	0.736831	0.838353	-1.19282	0.563189	1.35736	1.35736	0.567491	0.739258	-1.35271	0.14715	0.443417	-2.25521										
cg18770944	USP53		0.150804		0.0292669	0.15459	-6.46873	0.341163	2.03094	2.03094	0.0828243	1.1933	1.1933	0.0664671	0.36097	1.96097	0.160507	2.89653	2.89653										
cg01070657	KLF7		0.150805		0.524953	1.88158	1.88158	0.00910263	0.0122665	25.8273	0.0265362	13.198	13.198	0.729564	1.40568	1.40568	0.959178	2.42951	2.42951										
cg21645973	ARHGEF10;ARHGEF10L		0.150806		0.15949	0.289354	-3.45598	0.56751	0.620831	-1.61075	0.979334	0.97886	-1.0216	0.388276	0.482193	-2.07386	0.0301632	0.122087	-8.19087										
cg13346280	BRD9;BRD9;BRD9		0.150808		0.393379	0.736457	-1.35785	0.554945	0.77247	-1.29504	0.537661	0.521667	-1.91693	0.0458555	0.448364	-2.22978	0.0865394	0.449097	-2.44969										
cg20687875	TMEM97		0.150809		0.0267741	0.357649	-2.79603	0.434673	0.731724	-1.36664	0.707536	0.862703	-1.15915	0.938981	0.970445	-1.03045	0.244724	0.606723	-1.6482										
cg21384971	CDP22;HIRIP3		0.150813		0.327244	0.75153	-1.33053	0.385514	0.596879	-1.67545	0.940266	1.13274	1.13274	0.620335	0.796979	-1.25502	0.0238135	0.764951	-1.30727										
cg17907567	HAMP;HAMP		0.150816		0.0428989	0.252113	-3.96647	0.211584	0.459237	-2.17753	0.459576	0.640659	-1.56089	0.271881	0.508493	-1.9666	0.0483992	0.263517	3.79481										
cg06295238	CTBP1;CTBP1		0.150816		0.273296	0.484658	-2.06331	0.16482	0.259191	2.95191	0.362597	1.8121	1.8121	0.753023	0.818288	-1.22206	0.0438947	0.22962	-4.35502										
cg21644479	ASCL2		0.150816		0.0232184	0.1955	-5.11497	0.0327905	0.127889	2.64934	2.6434	0.632012	1.19742	1.27532	0.0198773	2.22695	0.0198773	2.22695	2.68775										
cg27546065	RADIL ANKHD1;ANKHD1- EIF4EBP3;ANKHD1;ANKHD1		0.150818		0.0128847	0.416165	-2.4029	0.508185	0.826478	-1.20995	0.767737	0.919352	-1.08772	0.0305617	0.486026	-2.0575	0.0638629	0.553552	-1.80652										
cg21670451	-EIF4EBP3;ANKHD1;ANKHD1		0.150819		0.886297	0.982898	-1.0174	0.0115416	1.46353	1.46353	0.149808	1.20461	1.20461	0.559183	1.0738	1.0738	0.614785	0.940655	-1.06309										
cg00845598	FLI43860		0.15082		0.132386	0.247141	-4.04627	0.364092	0.448058	-2.23185	0.0546162	0.153093	-6.532	0.855884	1.1694	1.1694	0.042098	0.133205	-7.50723										
cg08095377	C5orf27A		0.150821		0.148113	0.2009	-4.97842	0.0481407	0.179307	-5.57337	0.0178556	0.31016	-3.2235	0.0159968	0.2708	-3.69444	0.0159968	0.2708	-3.69444	4.63543										
cg16787600	SORCS3;SORCS3		0.150832		0.387822	0.782405	-1.27811	0.593999	0.16086	1.16086	0.312762	0.748661	-1.33572	0.0463046	1.88296	1.88296	0.198452	1.45757	1.45757										
cg01170201	PSMB9;PSMB9;TAP1 PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1		0.150832		0.202688	1.12538	1.12538	0.140459	1.3072	1.3072	0.457554	1.4137	1.4137	0.309523	0.837238	-1.19442	0.731243	0.941679	-1.06193	0.155926	1.1761	1.2915	0.854774	1.2798	1.2798	0.0206227	0.0906995	0.0224	1
cg04235391	-PLEC1;PLEC1		0.150834		0.600902	1.23331	1.23331	0.398859	1.40943	1.40943	0.174075	0.56294	-1.77639	0.519253	1.29644	1.29644	0.620272	1.2113	1.2113	0.344066	1.47208	1.47208	0.153759	1.30067	1.30067	2.60192	2.60192	2.86449	1.07023	1.07023	2.21592	5.31655	2.22205	1
cg01288322	SEC11A		0.150835		0.755977	1.24096	1.24096	0.34494	1.16461	1.16461	0.383925	0.871139	-1.47932	0.0926549	0.48435	-2.0811	0.593674	1.02083	1.02083	0.0926201	0.661801	-1.51103	0.511951	0.623703	-1.59413	0.0870576	-1.16336	2.21592	0.823166	0.344265	1
cg15005908	HDAC2		0.150834		0.339385	0.842921	-1.18635	0.9946	0.998826	-1.00118	0.169421	1.2892	1.2892	0.253131	1.23003	1.23003	0.686147	1.07304	1.07304	0.0745022	0.708353	-1.41173	0.262524	0.816499	-1.22474	0.0706199	1.41993	1.41993	0.146652	1.31042	1.31042	2.21592	1.01395	0.423954	1
cg17494733	DCPS		0.150835		0.150857	0.5219	-1.91599	0.7249	0.496634	-1.1054	0.993614	1.15575	1.15575	0.126184	0.638885	-1.56523	0.0438705	0.460264	-2.17259	0.0406512	0.939816	1.06202	0.942225	0.47609	-2.10044	0.0475782	-1.80906	0.373265	1.27942	1.27942	2.21592	1.04867	1.0232	1
cg13724379	BCL6		0.150835		0.818506	1.20519	1.20519	0.508192	0.72652	1.72652	0.571807	0.628471	-1.59413	-1.2313	0.398967	1.90241	-1.13557	0.385038	1.30338	1.30338	0.831734	1.01085	1.01085	0.0260559	0.607084	1.60744	0.0177176	0.303496	3.29494	2.26982	18.0379	0.784681	1
cg27146486	HCG4P6		0.150837		0.0975539	2.78201	2.78201	0.118535	2.59531	2.59531	0.0947622	2.8108	2.8108	0.489191	1.48499	1.48499	0.954351	1.53458	1.53458	0.172598	2.26363	2.26363	0.0277199	4.32558	4.32558	0.0778791	3.01235	3.01235	0.0392104	3.83011	2.8599	10.6651	4.45934	1
cg00384094	DYNC1I1;DYNC1I1;DYNC1I1		0.150844		0.0234473	0.158087	-6.32417	0.0172122	0.0845456	0.859059	-1.16325	0.0139184	0.0139184	0.0139184

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1237 vs. N)	Fold-Change(1 vs.1237)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg26052536	C11orf24	0.151029	0.76658	-1.3045	0.221282	0.921819	-1.21681	0.974319	1.00481	1.00481	0.893668	0.980271	-1.02013	0.69397	1.06069	1.06069	0.0298507	1.46351	1.46351	0.713602	1.05518	1.05518	0.370324	0.872087	-1.14667	0.0847247	1.32854	1.32854	1.21461	0.747067	0.312556	1
cg22359606	NEUROD1	0.151033	0.09167	2.751034	-1.3315	0.2295108	0.673584	-1.4846	0.180709	1.24498	1.24498	0.810977	0.963736	-1.03763	0.717424	1.05763	1.05763	0.365834	1.154	1.154	0.270561	0.837901	-1.19346	0.9781332	1.00423	1.00423	0.191098	1.23788	1.23788	1.24558	0.799757	0.334605	1
cg26313976	HEG1	0.151034	0.0145571	0.315188	-3.17271	0.821186	1.09074	1.09074	0.81335	0.9132511	-1.09499	0.9938859	0.493376	-2.02685	0.0700396	0.459733	-2.17518	0.8415519	0.926097	-1.07984	0.104667	0.506398	-1.97473	0.8125221	0.912875	-1.09544	0.130718	0.534656	-1.87036	1.21457	4.9529	2.07222	1
cg07768378	MCC,MCC	0.151035	0.110914	0.627233	1.5943	0.340741	1.3017	1.3017	0.677677	0.8393818	-1.1188	0.777852	0.97892	1.07892	0.604497	0.809737	-1.15065	0.0183533	2.15665	2.15665	0.841594	1.05521	1.05521	0.420655	0.807157	-1.24726	0.123028	0.638448	-1.5663	1.23457	2.42692	1.01539	1
cg27202037	ADAMTS8	0.151043	0.403093	1.60897	1.06897	0.452752	1.19606	1.19606	0.650227	1.03623	1.03623	0.284926	1.09044	1.09044	0.405314	1.06862	1.06862	0.689567	1.969186	-1.03179	0.061245	0.848399	-1.17869	0.282657	1.09092	1.09092	0.0646189	1.17563	1.17563	1.24562	0.204461	0.0855455	1
cg08215954	GALNT1	0.151045	0.0448998	0.31549	-3.16097	0.114611	0.423165	-2.36314	0.343155	0.612972	-1.6314	0.932592	0.94331	1.04331	0.0715417	0.364757	-2.74148	0.140267	0.460695	-2.17063	0.127586	2.28347	2.28347	0.292183	0.578268	-1.7293	0.320721	0.507985	-1.67228	1.24551	8.45131	3.536	1
cg02244386	GRB14	0.151044	0.157226	0.503289	-1.98693	0.3243174	0.630048	-1.58718	0.0290977	0.3111186	-3.21352	0.4326	0.695234	-1.43836	0.124399	0.469934	-2.12796	0.406255	0.68001	-1.47057	0.0540054	0.370548	-2.69871	0.277267	1.6701	1.6701	0.110814	0.454486	-2.20029	1.24551	6.9322	2.90041	1
cg17914898	HIST1H2AI;HIST1H2BM	0.151046	0.750113	1.17784	1.117284	0.42007	1.57201	1.52301	0.0659653	2.905548	2.905548	0.458228	0.666939	-1.49939	0.149677	2.0062	2.0062	0.172104	2.10553	2.10553	0.0544628	2.78974	2.78974	0.0509024	3.13405	3.13405	1.21451	8.82977	3.69436	1
cg22979684	GAUNT2 2NF438;2NF438;2NF438;2NF438;2NF43	0.151046	0.69511	0.829028	2.863	0.2282867	3.40942	3.40942	0.255874	1.75875	1.75875	0.98271	1.01037	1.01037	0.767787	0.868533	1.15137	0.260907	1.74745	1.74745	0.532877	1.35077	1.35077	0.0338087	1.307366	-3.25345	0.717012	0.840908	-1.18919	1.2245	7.62448	3.19008	1
cg14137286	8;2NF438;2NF438;2NF438;2NF43	0.151049	0.568468	0.892196	-1.12083	0.0342411	0.613324	-1.63046	0.131713	1.37988	1.37988	0.80361	0.951888	-1.01054	0.0480524	1.5639	1.5639	0.863562	1.03462	1.03462	0.44494	1.16661	1.16661	0.254062	1.26578	1.26578	0.688801	0.923424	-1.08293	1.22448	1.31766	0.551313	1
cg24236903	EPN1;EPN3	0.151051	0.68079	0.833451	-1.19931	0.0144623	0.940153	0.784003	1.12857	1.12857	0.405891	1.4557	1.4557	0.895317	0.943712	-1.05965		?	?	?	0.13025	2.07053	2.07053	0.485218	0.73136	-1.36732	0.0891295	2.31099	2.31099	2.24887	6.00153	2.3351	1
cg19275536	PPS415;FAM122A;FAM122A	0.151052	0.837581	0.906119	-1.10344	0.4984612	0.714876	-1.39884	0.351553	0.6434542	-1.62482	0.703644	1.026521	1.026521	0.00814573	0.691269	-0.62623	0.83175	1.1095	1.1095	0.0866511	0.936834	-2.51994	0.0381976	1.673855	1.673855	0.542401	0.729991	-1.36988	1.21466	8.02503	3.35773	1
cg19952555	MAML2	0.151055	0.0324669	0.710654	-1.40715	0.122478	0.795845	-1.25653	0.342205	0.875009	-1.14285	0.232966	0.863126	-1.18606	0.643206	1.06579	-1.06579	0.924322	0.987121	-1.01305	0.295699	1.15945	1.15945	0.314772	1.15238	1.15238	0.148509	1.23545	1.23545	1.21443	0.626329	0.262064	1
cg07304051	CPEB3	0.151061	0.137785	3.77047	3.77047	0.2638	2.63099	2.63099	0.368205	2.08906	2.08906	0.108306	4.28262	4.28262	0.690026	0.716828	-1.39503	0.239964	2.77818	2.77818	0.732698	0.257233	-3.88907	0.0289124	0.382154	0.258575	0.232985	0.712475	-1.40357	1.24552	2.92002	2.92002	1.2244	2.30242	0.70911	1
cg22540607	CNTNAP5	0.151066	0.952904	1.07958	-1.02683	0.8318363	0.903841	-1.10639	0.430344	0.697054	-1.43459	0.105644	0.452757	-2.20889	0.00809326	0.224885	-4.44673	0.412671	1.45572	1.45572	0.262514	0.592287	-1.68837	0.78424	1.12412	1.12412	0.137978	0.488658	-2.04642	1.23426	6.76267	2.82968	1
cg19256292	DNMT3A;DNMT3A;DNMT3A	0.151067	0.0561153	0.685879	-1.45798	0.983483	0.996399	-1.00361	0.0359061	1.5302	1.5302	0.914087	0.981367	-1.01899	0.212172	0.795297	-1.25739	0.498005	0.887239	-1.12709	0.0723775	0.705074	-1.41829	0.698766	0.93447	-1.07012	0.828448	1.03855	1.03855	1.25435	1.022	0.427635	1
cg14536777	NFKBIL2	0.151067	0.360603	0.632288	-1.58153	0.147102	0.468166	-2.13509	0.800464	0.883808	-1.13147	0.76176	0.862157	-1.15988	0.0334807	0.149574	-6.68555	0.804001	0.885777	-1.12895	0.764458	1.15488	1.15488	0.980304	0.988031	-1.01211	0.953427	1.0289	1.0289	1.23435	8.00517	3.34959	1
cg23802419	HHIP	0.151071	0.258752	0.910252	-1.09852	0.2165265	0.849131	-1.17767	0.100361	1.786829	-1.27938	0.245984	0.865465	-1.18108	0.649886	1.0035	-1.0035	0.555701	0.921666	-1.08499	0.0500693	1.3577	1.3577	0.117405	0.792392	-1.262	0.253913	1.17473	1.17711	1.24833	0.630275	0.263728	1
cg05412930	PSMB9;PSMB9;TAP1	0.151071	0.388437	0.69416	-1.44059	0.27666	0.626691	-1.59568	0.663514	0.83461	-1.19816	0.0977299	0.259416	-3.85481	0.107933	0.484605	-2.06354	0.440116	0.722413	-1.38425	0.0494542	0.396181	-2.5241	0.10692	0.483411	-2.06863	0.233343	0.596865	-1.67542	1.24332	5.73855	2.4012	1
cg16100940	LOC400891	0.151072	0.0243335	0.59035	-1.69408	0.147669	0.128467	1.28467	0.316762	1.28669	1.28669	0.34622	0.787221	-1.28059	0.371501	1.26307	-1.26307	0.463617	1.2091	1.2091	0.582644	0.571572	-1.75172	0.0435117	0.598358	-1.80552	0.976096	1.00939	1.00939	1.23432	2.1796	0.912018	1
cg22706007	ARHGAP12	0.151072	0.315473	0.574899	-1.73944	?	?	?	0.0373951	0.275744	-3.62655	0.0611793	0.324592	-3.08079	0.0304048	0.257648	-3.88127	0.255052	0.530588	-1.8847	0.508916	0.699512	-1.42951	0.242958	0.986311	0.990892	-1.00919	1.24114	8.57414	4.00448	1
cg10996109	PPS41C	0.151073	0.26832	0.6494	-1.54007	0.556879	1.11597	1.11597	0.0833982	1.03883	1.03883	0.122233	0.807109	-1.23946	0.0800113	0.807109	-1.23946	0.042395	0.5126	0.5126	0.0125484	0.63163	1.62088	0.0204473	0.904173	-1.10598	0.233203	0.787873	1.26904	1.24551	8.03172	3.51172	1
cg18803214	MED12L	0.151074	0.336214	1.15853	1.15853	0.657564	0.93594	-1.06844	0.705997	0.945311	-1.05785	0.00926183	1.63241	1.63241	0.316822	1.16598	1.16598	0.655191	1.06898	1.06898	0.118367	0.777557	-1.28608	0.879585	0.977754	-1.02275	0.44761	1.12171	1.12171	1.24231	0.7409	0.31002	1
cg16406030	ZFP90;ZFP90	0.151075	0.786527	0.893881	-1.11872	0.534398	0.771024	-1.29698	0.0337627	0.35767	-2.79431	0.245156	0.605084	-1.65266	0.0139055	0.284848	-3.51065	0.151655	0.836729	0.836729	0.0504816	0.599512	-1.66782	0.110498	0.487369	-2.05183	1.2243	5.74591	2.40431	1
cg07813445	SCARNA3;RFWD2;RFWD2	0.151076	0.163144	0.523539	-1.91067	0.0231863	0.903841	-1.10639	0.430344	0.697054	-1.43459	0.105644	0.452757	-2.20889	0.00809326	0.224885	-4.44673	0.453804	0.6418	0.6418	0.155555	0.703096	0.422619	2.20616	0.215996	0.683779	0.6435	1.07475	0.643454	1.24552	8.01997	3.35773	1
cg00773413	C10orf41,C10orf41	0.151076	?	?	?	0.134047	29.9717	29.9717	0.170379	21.4652	21.4652	0.827476	1.57469	1.57469	0.465213	4.71125	4.71125	0.318385	6.63437	6.63437	0.0913116	50.7177	50.7177	0.0101774	1093.5	1093.5	0.891908	0.753666	-1.32685	1.24868	134.057	52.1639	1
cg10339542	C17orf48;SCO1 HTAIP2;HTAIP2;HTAIP2;HTAIP2;HT	0.151076	0.099545	1.24412	1.24412	0.425577	0.906241	-1.10346	0.706655	0.955283	-1.04681	0.860028	1.02159	1.02159	0.259224	0.867258	-1.15306	0.713435	0.956351	-1.04564	0.0671873	0.780191	-1.28174	0.210523	1.1731	1.1731	0.0432443	0.754769	-1.32491	1.24529	0.492564	0.206109	1
cg18764551	AIP;2;HTAIP2;HTAIP2	0.151081	0.290737	0.719803	-1.38927	0.0510156	0.513512	-1.94737	0.469146	0.801842	-1.24713	0.0152073	2.44499	2.44499	0.872684	1.04927	1.04927	0.529854	1.21027	1.21027	0.975931	0.990994	-1.00909	0.665355	0.877661	-1.13939	0.926751	0.972803	-1.02796	1.24526	3.02527	1.26591	1
cg00716675	UTP11L;UTP11L	0.151081	0.023058	1.45145	-1.48848	0.949415	1.107718	-1.02342	0.894986	1.03145	-1.04534	0.41737	1.53276	-1.53276	0.0159001	0.415601	-2.41001	0.279133	1.45859	1.45859	0.0178405	1.68014	1.68014	0.0159308	1.59127	-1.59127	0.0159308	1.59127	1.59127	1.24526	3.78607	1.58427	1
cg10475056	RNF130	0.151082	0.263503	1.16927	1.16927	0.893644	0.982215	-1.01811	0.28094	0.860408	-1.16224	0.769721	1.04016	1.04016	0.288174	1.15944	1.15944	0.464457	0.904941	-1.10504	0.0621932	1.61367	1.61367	0.904075	1.01624	1.01624	0.830039	1.02926	1.02926	1.24526	6.605529	0.253382	1
cg13116061	PAS1	0.151083	0.954904	1.01725	-1.00805	0.7056379	0.924908	-1.08151	0.0868622	0.742248	-1.34677	0.0868622	0.742248	-1.34677	0.0868622	0.742248	-1.34677	0.105654	1.1881	1.1881	0.364371	0.833245	-1.20013	0.218755	0.666083	-1.49922	0.24022	1.3786	1.24526	4.3	1.39206	1
cg27343208	ZFYVE28	0.151087	0.636403	1.45095	1.45095	0.00582828	16.8134	16.8134	0.0322155	7.10388	7.10388	0.76918	1.25791	1.25791	0.661482	1.41115	1.41115	0.652631	1.42498	1.42498	0.901639	1.10147	1.10147	0.564477	1.57668	1.57668	0.560352	1.58448	1.58448	1.24222	20.5549	8.60132	1
cg04286377	GABRA5;GABRA5	0.151089	0.44498	1.33846	1.33846	0.650087	1.18647	1.18647	0.589205	0.8153734	-1.22643	0.635941	0.836497	-1.19546	0.283055	1.51831	1.51831	0.240726	1.58382	1.58382	0.00790002	1.58094	1.58094	0.0733735	2.11168	2.11168	0.363603	1.41845	1.41845	1.24221	4.71576	1.97334	1
cg18652222	ALOX12B	0.151094	0.047879	0.49202	-1.51763	0.1139455	0.754461	-1.32545	0.0779768	0.6082636	-1.64376	0.457552	0.790497	-1.26504	0.0228064	0.628855	-1.59075	0.098665	0.7526	0.7526	0.0466514	0.280091	3.56725	0.0021104	0.744217	-1.34417	0.0744957	0.742605	-1.34658	1.24526	0.736503	0.311272	1
cg27223945	ZNF324	0.151096	0.0550585	0.61748	-1.61949	0.0177875	0.527993	-1.89396	0.969893	0.99167	-1.0084	0.1885	0.734317	-1.36181	0.0548733	0.617194	-1.62024	0.407434	0.828767	-1.20661	0.831261	1.04845	1.04845	0.771883	0.937603	-1.06655	0.642086	1.03911	1.03911	1.24616	1.65259	0.691554	1
cg27277152	IQSEC1	0.151097	0.0747802	0.670919	-1.49101	0.1843528	0.988089	-1.07199	0.1610693	1.49363	1.49363	0.818474	0.914164	-1.09378	0.197206	0.928351	-1.0771	0.644024	0.882958	-1.13255	0.559888	1.1559	1.1559	0.492064	1.02018	1.02018	0.884216	1.22032	1.22032	1.24728	2.43824	1.01992	1
cg11664809	ZNF250;ZNF250	0.151097	0.351966	1.44868	1.44868	0.594959	0.23183	1.23183	0.411698	1.38376	1.38376	0.794981	0.81128	-1.23256	0.0377952	0.636327	-1.5717	0.279067	0.646955	1.5457	0.0684737	1.2959	2.19559	0.927762	0.96552	-1.03571	0.37664	1.42058	1.42058	1.24215	1.03735	2.10797	1
cg09602452	AP2M1;AP2M1	0.151098	0.454646	1.26791	1.26791	0.00849209	2.84918	2.84918	0.113752	1.70969	1.70969	0.314951	1.3633	1.3633	0.28495	0.707398	-1.41363	0.641189	1.15598	1.15598	0.48057	1.25042	1.25042	0.162645	1.59131	1.59131	0.302656	1.39485	1.39485	1.24314	3.26793	1.36753	1
cg04580207	C1orf31	0.151099	0.104767	1.3435	1.3435	0.0849	1.41727	1.41727	0.318972	1.48231	1.48231	0.0912202	0.673977	-1.48231	0.0912202	0.673977	-1.48231	0.961142	0.979344	-1.02109	0.207245	0.556055	-1.79886	0.0448634	0.68143	0.68143	0.864016	1.0762	1.0762	1.24215	0.674823	0.281748	1
cg14381908	RASGEF1A	0.151101	0.168458	0.701674	-1.42516	0.886357	1.05313	1.05313	0.123135	1.49631	1.49631	0.546915	0.863140	-1.15855	0.0305729	1.84676	1.84676	0.325873	0.782789	-1.27748	0.505891	1.17701	1.17701	0.563796	1.14473	1.14473	0.0839923	1.58659	1.58659	1.24213	1.96067	0.820489	1
cg00940667	KIAA1530	0.151102	0.822214	1.06004	1.06004	0.34357	0.813446	1.23446	0.844646	0.842282	1.18686	0.842282	1.18686	0.842282	1.18686	0.842282	1.18686	0.167503	1.5987	1.5987	0.0113102	0.499653	-2.00378	0.662802	1.00887	1.00887	0.477745	1.17152	1.17152	1.24551	1.00227	0.427635	1
cg04947157	TMC8;TMC6;TMC6	0.151118	0.303857	1.38698	1.38698	0.3380435	2.09327	2.09327	0.494381	0.808021	-1.23759	0.556014	1.20073	1.20073	0.489246	1.24084	1.24084	0.0358606	2.11704	2.11704	0.0288667	2.20686	2.20686	0.233721	1.46743	1.46743	0.698427	1.12704	1.12704	1.24201	3.17436	1.32845	1
cg15780557	C1orf129;C1orf129	0.151125	0.0716851	0.517421	-1.93109	0.0338705	0.53175	-1.88107	0.0422732	0.4854	-2.06065	0.228739	0.480402	-2.08157	0.0210027	0.353802	-2.82572	0.0548953	0.287983	0.287983	0.0241243	0.3486	2.86991	0.0150144	0.9028	0.9028	0.503126	0.678585	-1.47363	1.23298	0.1929	0.43381	1
cg23875274	NFKBIA	0.151133	0.0191431	0.411634	-2.42934	0.694916	0.870067	-1.14934	0.0926304	1.92221	1.92221	0.93379	0.971085	1.02978	0.966062	0.959513	1.0422	0.0495061	0.451397	-2.21477	0.0254557	0.574597	1.74055	0.0989236	1.01088	1.01088	0.0477745	1.17152	1.17152	1.24526	1.02426	1.23297	1
cg19888655	PARP15;PARP15	0.151126	0.607602	1.26284	1.26284	0.677021	0.828007	-1.20772	0.0347046	0.329801	-3.03213	0.214618	0.555093	-1.8015	0.200904	0.544097	-1.83791	0.162259	0.510546	-1.95869	0.0315512	0.321098	-3.11432	0.386619	1.49162	1.49162	0.723411	1.17363	1.17363	1.22596	6.8288	2.85789	1
cg08734121	AHR	0.151128	0.512179	1.19212	1.19212	0.49052	0.260571	1.36361	1.36361	0.0951264	1.39737	1.39737	0.143473	1.39737	0.143473	1.39737	0.143473	0.104254	1.14859	1.14859	0.0178405	1.68014	1.68014	0.0159308	1.59127	-1.59127	0.0159308	1.59127	1.59127	1.24526	3.78607	1.58427	1
cg18628449	SHROOM3	0.151282	0.842058	1.61592	3.61592	0.59761	1.34078	1.34078	0.105528	2.64728	2.64728	0.367655	1.66439	1.66439	0.143273	0.420646	-2.37729	0.464457	0.904941	-1.10504	0.0621932	1.61367	1.61367	0.904075	1.01624	1.01624	0.830039	1.02926	1.02926	1.24526	6.605529	0.253382	1
cg19855104	GTF2A1;SNORA79;GTF2A1	0.151131	0.237384	0.756384	-1.55792	0.4749432	0.786204	-1.27193	0.0432907	0.565179	-1.76931	0.151582	0.46218	-2.16444	0.0180843	0.357902	-2.79462	0.0857507	0.625335	0.625335	0.0159614	0.587568	1.70241	0.0298815	0.972458	-1.02796	0.644615	1.12107	1.12107	1.22392	2.05001	0.860379	1
cg06373816	RIMBP2	0.151132	0.0333316	0.61273	-1.63241	0.2702234	1.85805	1.85805	0.11793	2.49884	2.49884	0.141658	1.59545	1.59545	0.102908	0.881793	-2.61922	0.127221	0.438897	-2.27844	0.415507	1.51358	1.51358	0.513179	1.39249	1.39249	0.234484	0.536755	-1.86305	1.21991	8.38517	3.50912	1
cg15806103	OOEP	0.151134	0.343778	0.695104	-1.43907	0.07016	0.31158	-3.20457	0.03483	0.2705568	-3.69572	0.0381657	0.2705568	-3.69572	0.0381657	0.2705568	-3.69572	0.0179747	0.18267	0.18267	0.185124	1.48512	1.48512	0.0860229	1.00364	1.00364	0.0983503	1.01616	1.01616	1.24526	0.676571	0.249854	1
cg10159215	LPPR5;LPPR5	0.151137	0.597032	0.909874	-1.09905	0.481981	1.13486	1.13486	0.149711	1.31445	1.31445	0.456274	1.14376	1.14376	0.316382	1.20126	1.20126	0.30685	1.20596	1.20596	0.0352304	0.642106	-1.55737	0.540888	0.896208	-1.11581	0.0659664	1.44077	1.44077	1.23289	1.05414	0.441179	1
cg20271985	KRTAP5-7	0.151137	0.149951	0.478228	-2.09105	0.805256	0.80041	-1.12308	0.411529	0.673977	-1.48373	0.391857	1.51015	1.51015	0.0520027	0.353802	-2.82572	0.272388	1.70952	1.70952	0.876246	1.07588	1.07588	0.0216733	1.273814	-3.65212	0.0258393	0.740828	-1.34984	1.21888	1.42466	0.3183	1
cg02907098	ANO2	0.151139	0.150759	0.57179	-1.74889	0.0272375	0.284132	-3.5195	0.727984	1.13513	1.13513	0.964215	0.983847	-1.01642	0.619345	0.833782	-1.19935	0.327538	0.692902	1.4422	0.256382	0.650492	1.53723	0.778351	1.10786	1.10786	1.23287	1.43198	1.85489	1
cg20070852	MSI2;MSI2	0.151142	0.251074	0.518201	-1.92975	0.0936264	0.363934	-2.74775	0.0705515	0.330256	-3.02795	0.912915	0.94121	-1.06244	0.00809798	0.155858	-6.41609	0.762985	0.847217	-1.18034	0.349853	0.590055	-1.69476	0.821018	1.13227	1.13227	0.397867	0.622173	-1.60727	1.21585	10.1085	4.23068	1
cg21615615	ZNF397OS;ZNF397;ZNF397OS	0.151143	0.193304	0.672544	-1.48693	0.2899739	1.14143	1.14143	0.0911644	1.74301	1.74301	0.379179	1.24166	1.24166	0.0853231	1.54373	1.54373	0.186046	1.44802	1.44802	0.144865	1.44865	1.44865	0.144865	1.44865	1.44865	0.144865	1.44865	1.44865	1.24526	2.44639	0.924317	1.16921	1
cg04878745	ZC3H3	0.151143	0.276164	0.681189	-1.46802	0.0921865	0.187427	1.87427	0.984979	1.0064	1.0064	0.110897	0.555065	-1.80159	0.790496	1.09444	1.09444	0.835317	1.0731	1.0731	0.0929657	0.534498	-1.87091	0.0859345	0.90249	0.90249	0.270127	1.47576	1.47576	1.23284	3.8638	1.61711	1
cg19649321	NUMBL	0.151143	0.0684731	0.471471	-2.12123	0.4173874	0.722588	-1.38439	0.0733984	0.5203	-1.92263	0.0574834	0.450313	-2.22044	0.0784147	0.429096	-2.33008	0.202853	0.515938	0.515938	0.0139824	0.497953	-2.00939	0.0478525	0.417385	-2.39582	0.0446426	0.527443	-1.89625	1.23798	2.3238	0.93669	1
cg23156029	MUC6	0.151149	0.90258	1.08306	1.08306	0.030607	1.2345	1.2345	0.192925	2.45431	2.45431	0.638743	1.36085	1.36085	0.432962	0.593679	1.68441	0.562998	0.683148	-1.46381	0.0855081	0.289796	-3.45071	0.61564	0.71904	-1.39074	0.124585	0.338192	-2.9569	1.2238	14.2818	5.97744	1
cg01747547	ACTR3B;ACTR3B	0.151151	0.298581	0.896598	-1.11533	0.279401	1.12066	1.12066	0.225194	0.878939	-1.13774	0.697264	1.0404	1.0404	0.244372	1.13131	1.13131	0.143414	1.08435	1.08435	0.0149708	1.35397	1.35397	0.471359	1.07705	1.07705	0.125806	1.18271	1.18271	1.23279	0.345179	0.144471	1
cg16286785	DCAF4L1	0.151154	0.645447	1.05545	1.05545	0.754824	0.871824	1.14685	0.0185	0.6058581	1.65052	1.24649	0.121249	0.821247	1.21734	0.499937	2.00128	0.327736	1.12673	1.12673	0.556957	1.15711	1.15711	0.345572	0.892046	-1.11989	0.779095	1.10467	1.10467	1.23276	0.456096	0.191273	1
cg06453916	QPRT	0.151155	0.0540509	0.311826	-3.20692	0.0884829	0.367319	-2.72243	0.0983016	0.380509	-2.62806	0.305691	0.568245	-1.7598	0.0655549	0.334085	-2.99325	0.141501	0.430622	2.32222	0.886646	0.926806	-1.07897	0.142242	0.431396	-2.31805	0.0310033	0.259378	-3.85537	1.21975	9.55227	3.99807	1
cg10693379	PHF12;PHF12	0.151155	0.0163579	0.277927	-3.59763	0.139463	0.243673	-4.10438	0.0358	0.2315358	-4.31977	0.242277	-2.42266	0.365294	0.659503	-1.51629	0.0401753	0.4429	-2.25826	0.0401753	0.4429	0.880697	1.04215	1.04215	0.843859	-1.23117	0.715156	0.8169053	1.38302	0.9583	1.23273	6.737	2.81923	1
cg02801645	LOC91316	0.151161	0.173293	0.735583	-1.35947	0.0929233	0.47963	1.47963	0.448832	1.17772	1.17772	0.0170806	0.599394	-1.85187	0.750405	0.66998	-1.49268	0.254959	0.777317	-1.28648	0.722391	1.07854	1.07854	0.750765	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg21081704	BRI2;BRI2	0.151302	0.483372	0.780976	-1.28045	0.360205	0.16586	1.38686	0.531306	1.24603	1.24603	0.21881	0.663921	-1.55624	0.375036	0.728715	-1.37228	0.783318	1.01018	1.10018	0.08547	-1.36364	0.252335	1.53219	0.0572218	2.13687	2.13687	2.23129	4.1461	1.44531	1
cg25335646	AT2	0.151304	0.108221	1.17638	1.17638	0.172265	1.14377	1.14377	0.190263	0.839336	-1.13722	0.2030938	1.133	1.133	0.394533	0.922341	-1.0842	0.172144	0.873058	-1.14422	0.0599521	1.21743	1.21743	0.634275	1.04543	1.04543	0.607405	0.664427	-1.03089	2.12276	0.288006	0.120977	1
cg04835044	C1orf48	0.151305	0.936797	0.980178	-1.02022	0.795406	1.0678	1.06745	0.0457889	0.661	-1.78253	0.224692	1.97383	1.37983	0.675392	0.899136	-1.11218	0.2472	1.35724	1.35724	0.9306564	1.89846	1.89846	0.618253	0.880885	-1.13522	0.3496648	0.784234	1.27553	2.12275	2.14263	0.897213	1
cg07365743	LYSMD3	0.151305	0.662885	0.809079	-1.23597	0.38229	0.648713	-1.54151	0.328903	0.614657	-1.62692	0.23205	0.545875	-1.83192	0.188587	0.510269	-1.95975	0.0539598	0.347616	-2.87674	0.0172429	0.22429	-4.45852	0.858283	0.917294	-1.09016	0.0456022	0.330508	-3.02565	2.12275	7.8428	3.28412	1
cg08084946	WDR27	0.151305	0.996361	0.998026	-1.00197	0.950413	1.01476	1.01476	0.0791137	0.631818	-1.58274	0.769281	0.93307	-1.07173	0.880214	0.81616	-1.22503	0.52372	0.858819	-1.16439	0.00646113	0.43429	-2.30261	0.923137	0.975722	-1.02299	0.361265	1.24737	1.24737	2.12275	1.865	0.78096	1
cg06899970	DKK4;DKK4	0.151309	0.187448	0.519183	-1.9261	0.538565	1.33931	1.33931	0.623295	0.792717	-1.26148	0.469233	0.707878	-1.41267	0.0301815	0.302398	-3.3069	0.512742	0.732359	-1.36545	0.0170837	0.2556511	-3.91219	0.404956	1.49154	1.49154	0.566851	0.762147	-1.31208	2.12273	7.40135	3.09931	1
cg00935717	ZNAT4;ZNAT4	0.151316	0.072815	0.519922	-1.92373	0.14021	0.06476	-1.86676	0.0189154	0.0921815	-10.8482	0.209227	0.31887	-3.13208	0.245729	0.307999	-3.24571	0.318088	0.35735	-2.79803	0.0255673	0.0715651	-14.0518	0.0648426	0.126478	-7.90932	0.160634	0.224365	-4.45302	2.12268	33.4294	13.9988	1
cg21489266	LRRC2;TDGF1	0.151316	0.163402	1.45931	1.45931	0.240305	0.962809	-1.01863	0.168524	0.588784	-1.45183	0.763811	0.07958	1.07958	0.0611821	0.58505	-1.70926	0.177196	1.43971	1.43971	0.833319	1.05501	1.05501	0.0490853	1.76974	1.76974	0.504301	1.18788	1.18788	2.12268	2.17054	0.908833	1
cg19695710	SNORD116-1 CCNB1IP1;CCNB1IP1;CCNB1IP1;CCNB1I	0.151317	0.06806151	0.362888	-2.75567	0.568535	0.75134	-1.33096	0.104323	2.41291	2.41291	0.216762	0.524795	-1.9055	0.184413	0.497375	-2.01055	0.248527	0.549697	-1.81918	0.427328	0.668953	-1.49487	0.132271	2.23855	2.23855	0.23211	0.537044	-1.86204	2.12267	8.27316	3.46446	1
cg16261348	P1	0.151319	0.492588	0.890099	-1.12347	0.432876	0.713252	-1.40203	0.0622418	1.3568	1.3568	0.347246	0.868754	-1.15107	0.239373	1.19887	1.19887	0.315472	0.85995	-1.16286	0.227503	1.20221	1.20221	0.492351	1.10668	1.10668	0.843381	0.971654	-1.02917	2.12266	0.710424	0.297498	1
cg05789005	PIGZ	0.151324	0.309627	1.34917	1.34917	0.442604	0.883221	-1.13222	0.483351	1.12108	1.12108	0.106295	0.387126	1.32708	0.0281525	1.51494	1.51494	0.142163	1.2861	1.2861	0.4567121	0.885459	-1.12913	0.734265	1.05368	1.05368	0.113855	0.774269	-1.29154	2.12262	0.8053611	0.362386	1
cg24706564	MANBA	0.151332	0.190562	0.731269	-1.36749	0.0349502	0.572728	-1.74603	0.216899	0.745748	-1.34094	0.119754	0.683079	-1.46396	0.725764	1.08276	1.08276	0.37392	1.22886	1.22886	0.170929	1.38986	1.38986	0.378347	0.815395	-1.2264	0.419836	1.20455	1.20455	2.12257	1.71389	0.717743	1
cg00873050	TSSK1;LOC100128071;TSSK3	0.151335	0.502582	1.85739	1.85739	0.2280328	10.6078	10.6078	0.163183	0.258099	-3.87448	0.0987824	0.59218	1.59218	0.699194	0.702341	-1.42381	0.055016	7.24181	7.24181	0.951875	1.00093	1.00093	0.780481	0.775507	-1.28948	0.995254	1.00543	1.00543	2.12255	27.8374	11.6578	1
cg26240842	RPS9	0.151337	0.545811	1.07212	1.07212	0.2936576	0.883793	-1.13149	0.395506	0.905527	-1.10421	0.845834	1.02242	1.02242	0.843503	0.977736	-1.02277	0.208905	1.16287	1.16287	0.0580212	1.27645	1.27645	0.0205625	1.37411	1.37411	0.202112	1.16582	1.16582	2.12254	0.436211	0.182687	1
cg14479829	SRGAP1	0.151337	0.46994	1.15598	1.15598	0.02237	1.71536	1.71536	0.111439	1.40757	1.40757	0.665878	1.08944	1.08944	0.0371499	1.61139	1.61139	0.668846	0.918656	-1.08855	0.3117742	0.8157651	-1.22585	0.304427	1.23332	1.23332	0.413292	1.1793	1.1793	1.22254	1.30698	0.547347	1
cg05534403	SLC17A9	0.151338	0.472057	1.16945	1.16939	0.0360095	2.01231	2.01221	0.65744	1.1788	1.1788	?	?	?	0.226022	0.625855	-1.59771	0.751767	0.889621	-1.12407	0.5445343	1.25306	1.25306	0.0235094	2.71059	2.71059	0.0975718	1.95425	1.95425	2.12253	4.0913	1.91344	1
cg14489146	PRDM8	0.151345	0.917886	0.975931	1.02466	0.0997175	1.00084	1.00084	0.772362	0.93383	-1.07086	0.815643	0.946369	-1.05667	0.1792016	0.713339	-1.40186	0.150294	0.70116	-1.42619	0.0114218	0.4976764	-2.08436	0.0172162	1.25186	1.25186	0.12449	1.87258	0.784227	2.12253	0.436211	0.182687	1
cg14482684	FAM59A	0.15135	0.00475511	0.0558555	-17.9033	0.942138	1.05745	1.05745	0.257588	0.402859	-2.48226	0.926031	0.931034	-1.07407	0.557348	0.63338	-1.57883	0.293019	2.29796	2.29796	0.857681	0.870981	-1.14813	0.979136	0.980077	-1.02033	0.362115	0.486335	-2.0562	2.12245	19.9066	8.33696	1
cg13696436	EBF3	0.151353	0.659838	1.30478	1.30478	0.2372764	1.57828	1.70828	0.133682	2.60489	2.60489	0.664498	1.29747	1.29747	0.977438	0.933158	-1.07153	?	?	?	0.396997	0.559365	-1.6836	0.463112	1.5661	1.5661	0.0478628	1.89131	1.89131	2.12241	10.8646	5.0788	1
cg07250916	SMOC2;SMOC2	0.151354	0.70104	0.860057	-1.16271	0.24557	1.60743	1.60743	0.265115	0.635163	-1.5744	0.272456	0.639927	-1.56268	0.403486	1.36954	1.36954	0.517401	1.2924	1.2924	0.0139083	3.27893	3.27893	0.748	1.13425	1.13425	0.216646	0.601654	-1.66208	2.12243	5.13395	2.15014	1
cg16561057	PTPN22;PTPN22;PTPN22	0.151357	0.163883	0.480942	-2.12201	0.0383552	0.285104	0.60749	0.0401293	0.241332	0.241332	0.0401293	0.240133	0.240133	0.0401293	0.241332	0.0401293	0.281497	0.550417	-1.78121	0.0364067	0.523253	-1.91117	0.0954298	0.598755	-1.67032	0.247775	0.689158	-1.45105	0.32541	8.04806	3.37404	1
cg01526089	P2RX1	0.15136	0.31383	0.746743	-1.33915	0.250528	0.714185	-1.4002	0.0204208	0.456875	-2.18878	0.314355	0.746996	-1.3387	0.10227	0.605738	1.65088	0.648549	1.13729	1.13729	0.98539	1.00515	1.00515	0.406055	0.787968	-1.26909	0.0240917	0.470404	-2.12583	2.12239	2.64186	1.10645	1
ch.5.3000938F	L128	0.151362	0.0475931	0.117902	-8.48163	0.0106308	0.0482623	-20.7201	0.074949	0.158166	-6.32247	0.370096	0.419575	-2.38337	0.349111	0.402715	-2.48314	0.929674	0.920083	-1.08686	0.166751	0.24881	-4.01913	0.25513	0.325927	-3.06817	0.670397	0.667663	-1.49776	2.12237	29.9287	12.5347	1
cg07049663	HIPK3;HIPK3	0.151363	0.101734	0.616604	-1.62179	0.10457	1.61473	1.61473	0.295571	1.34012	1.34012	0.553993	0.850807	-1.17536	0.208066	0.699	-1.43082	0.0564811	0.558321	-1.79108	0.32313	0.759231	-1.31712	0.29011	1.34492	1.34492	0.891669	1.03746	1.03746	2.12237	2.44867	1.02555	1
cg03965726	STXBP5;STXBP5	0.151369	0.079757	0.410755	-2.43454	0.0463105	0.349959	-2.85747	0.197386	0.538616	-1.85661	0.637624	0.826226	-1.21032	0.308934	0.620902	-1.61056	0.0146903	0.247067	-4.04749	0.966738	1.01895	1.01895	0.651972	1.22705	1.22705	0.301759	0.616134	-1.62302	2.23079	7.01051	2.44426	1
cg05444975	ELMOD2	0.151373	0.665631	1.46939	1.46939	0.3290568	0.988995	-1.01113	0.853044	0.974107	-1.02658	0.861419	0.975603	-1.02501	0.717463	1.22853	1.22853	0.0398284	1.59329	1.59329	0.0230541	1.31429	1.31429	0.0722434	1.10905	1.10905	0.0368383	1.41107	1.41107	2.12253	0.677634	0.288303	1
cg11071407	PPARD;PPARD	0.15138	0.348314	0.672757	-1.48642	0.606003	0.187687	1.2381	0.224911	0.592591	-1.6875	0.203877	0.173407	1.73407	0.0403923	0.37965	2.634	0.0846049	0.457028	2.18805	0.139094	0.520203	-1.92233	0.582449	1.25601	1.25601	0.0858114	0.458696	-2.18009	2.12225	5.66391	2.37229	1
cg07027305	MAD1L1;MAD1L1;MAD1L1	0.151385	0.163702	2.33168	2.33168	0.286164	1.87932	1.87932	0.120804	0.383539	-2.6073	0.150734	0.415939	-2.4042	0.438993	0.56768	1.56768	0.905409	1.07006	1.07006	0.0498391	3.57591	3.57591	0.117752	2.63164	2.63164	0.939624	1.04409	1.04409	2.12221	10.9047	4.56744	1
cg19285277	C2orf42	0.151388	0.126058	1.37276	1.37276	0.1119974	1.20318	1.20318	0.138034	1.16682	1.14682	0.570312	0.816526	-1.09139	0.0997682	1.31655	1.31655	0.0325974	1.61398	1.61398	0.0125044	1.38637	1.38637	0.0295449	1.07705	1.07705	0.893625	1.02504	1.02504	2.12221	0.2001	0.078105	0.32724	1
cg26909525	ACTR1B	0.151389	0.80461	1.0424	1.0424	0.779955	0.953747	-1.0485	0.142881	0.757082	-1.32086	0.0144003	0.65742	-1.66742	0.373589	0.16533	1.16533	0.987075	0.99729	-1.00272	0.131502	1.31356	1.31356	0.295013	1.19952	1.19952	0.02493	1.23802	1.23802	2.12219	0.943159	0.395046	1
cg26270195	B3GALT4	0.151392	0.418565	1.83515	1.83515	0.4107855	0.185496	2.04126	0.0441269	0.756353	1.70167	0.0642693	0.756353	1.70167	0.0642693	0.78182	1.29286	0.473139	0.545417	1.78321	0.0547445	0.485731	2.05881	0.0154502	0.754253	1.32593	0.0341041	0.754253	1.32593	2.12219	0.41648	0.174842	1
cg06580725	ZIC2	0.151394	0.50607	1.34049	1.34049	0.740307	0.865487	-1.15542	0.0163427	3.57843	3.57843	0.311856	1.57522	1.57522	0.134198	0.495856	-2.01671	0.173906	1.87439	1.87439	0.198304	1.80483	1.80483	0.167815	1.89356	1.89356	0.81587	1.10662	1.10662	2.12216	3.25683	2.65552	1
cg13319446	LOC283663	0.151397	0.192763	0.42207	-2.36928	0.435186	0.607612	-1.64579	0.0755555	0.289393	-3.45551	0.159259	0.390113	-2.56336	0.026188	0.191931	-5.21022	0.200432	0.429007	-2.33096	0.0620534	0.268567	-3.72947	0.832735	1.1415	1.1415	0.0583878	0.26228	-3.81272	2.12213	13.1609	5.51265	1
cg03885818	A1C;CACNA1C;CACNA1C;CACNA1C	0.151399	0.0778017	0.567788	-1.76122	0.356943	1.31471	1.31471	0.480847	1.22991	1.22991	0.976641	0.992658	-1.0074	0.142998	0.634694	-1.57556	0.0160537	0.426975	-2.34206	0.520006	1.20724	1.20724	0.693875	0.892042	-1.12102	0.374891	0.768727	-1.30085	2.12212	2.80306	1.17411	1
cg12097896	DPYSL2	0.1514	0.953405	1.01374	1.01374	0.5379977	1.15677	1.15677	0.624335	1.12217	1.12217	0.0278318	1.83515	1.83515	0.293443	1.28984	1.28984	0.194555	1.37779	1.37779	0.0676152	1.61311	1.61311	0.0179776	1.95696	1.95696	0.180872	1.39346	1.39346	2.12211	1.83308	0.767623	1
cg06418238	RPTOR;RPTOR	0.151402	0.094816	1.18135	1.18135	0.3478272	0.709335	-1.32389	0.0913132	1.48707	1.48707	0.0944433	0.644443	-1.55207	0.0222154	1.16317	1.16317	0.0160911	1.78156	1.78156	0.0139156	1.80707	1.80707	0.0134254	1.03955	1.03955	0.940792	1.01464	1.01464	2.12211	0.2235	0.093553	0.45273	1
cg25799473	2NF547	0.151402	0.0344209	0.532235	-1.87887	0.319955	0.768959	-1.30046	0.0206559	0.490443	-2.03897	0.233869	0.721333	-1.38632	0.885322	1.03758	1.03758	0.802394	1.06623	1.06623	0.250905	1.3589	1.3589	0.940322	1.01932	1.01932	0.995568	1.00142	1.00142	2.1221	2.19633	0.91998	1
cg10276502	SFPN;FLJ37453	0.151405	0.5633201	1.1	1.1	0.0933215	0.8268048	1.20856	0.0433562	1.1953	1.20856	0.0433562	1.1953	1.20856	0.0433562	1.23444	0.4889164	0.8268048	1.20856	0.0433562	1.1953	1.23444	0.4889164	0.8837936	1.1536	1.05336	0.3880933	1.25129	1.25129	0.2601991	1.02034	0.9804707	2.12209	0.6388736	0.3046	1
cg16474725	CLIC5;CLIC5	0.151406	0.964814	1.01609	1.01609	0.9919995	0.996377	-1.00364	0.00756947	0.288502	-3.46618	0.113811	0.536607	-1.86356	0.708706	1.14544	1.14544	0.984708	1.00696	1.00696	0.0976854	0.5181557	-1.92992	0.895797	0.953694	-1.04855	0.268835	0.659225	-1.51693	2.12207	4.4	1.84306	1
cg00359189	DIP2C	0.151411	0.123583	1.78182	-1.59247	0.0447852	0.0927979	-10.7761	0.702815	0.673261	-1.48531	0.557077	1.845821	1.845821	0.0622254	0.114579	-8.7276	0.64346	0.618127	-1.61779	0.0298507	0.0715126	-13.9836	0.821049	1.26342	1.26342	0.185052	1.234415	1.234415	2.26593	2.12205	35.7989	14.9955	1
cg08850169	NDUFS2;NDUFS2	0.151411	0.0325747	0.5	0.5	0.0933215	0.8268048	1.20856	0.0433562	1.1953	1.20856	0.0433562	1.1953	1.20856	0.0433562	1.23444	0.4889164	0.8268048	1.20856	0.0433562	1.1953	1.23444	0.4889164	0.8837936	1.1536	1.05336	0.3880933	1.25129	1.25129	0.2601991	1.02034	0.9804707	2.12205	0.6388736	0.3046	1
cg08551248	BMP8B	0.151411	0.0313571	0.713094	-1.40234	0.0584363	1.33132	1.33132	0.399325	0.890884	-1.12248	0.446693	1.10944	1.10944	0.769098	1.04021	1.04021	0.833104	0.972139	-1.02866	0.1730452	0.8224439	-1.2159	0.931629	1.01156	1.01156	0.227894	1.1847	1.1847	1.22204	0.6026447	0.252439	1
cg05915281	IRF1	0.151415	0.3040153	0.6	0.6	0.0933215	0.8268048	1.20856	0.0433562	1.1953	1.20856	0.0433562	1.1953	1.20856	0.0433562	1.23444	0.4889164	0.8268048	1.20856	0.0433562	1.1953	1.23444	0.4889164	0.8837936	1.1536	1.05336	0.3880933	1.25129	1.25129	0.2601991	1.02034	0.9804707	2.12204	0.6388736	0.3046	1
cg21872391	SMNDC1	0.15142	0.0310704	1.44902	1.44902	0.217529	1.20938	1.20938	0.038754	0.70418	-1.42009	0.6303802	1.07365	1.07365	0.75447	0.955065	-1.04705	0.545976	0.09368	0.70018	0.108434	0.15834	0.654024	1.06834	1.06834	0.144464	1.25825	1.25825	2.12198	0.721705	0.302319	1
cg08526826	CDC7C	0.151425	0.353513	1.34586	1.34586	0.4862	0.6718819	1.44144	0.0562465	1.372	1.372	0.227552	1.20559	1.20559	0.0212269	1.48695	1.48695	0.706782	1.05684	1.05684	0.6923985	1.83567	1.83567	0.0154451	0.975157	-1.02548	0.514515	1.10166	1.10166	2.12195	0.719264	0.301277	1
cg18412862	SACM1L	0.151431	0.286822	0.768038	1.30203	0.509313	1.1732	1.1732	0.221139	1.16449	1.16449	0.786412	1.06696	1.06696	0.0231902	1.29964	1.29964	0.153245	1.16286	1.16286	0.0786739	2.627504	-1.59362	0.419807	1.21736	1.21736	0.333091	1.0648	1.0648	1.0648	1.78013	1.26901	0.12191	1
cg18965213	TLN2	0.151434	0.375858	1.39688	1.39688	0.100790	0.551632	-1.93674	0.209293	0.614654	-1.62693	0.49629	1.28923	1.28923	0.205918	0.612188	-1.63349	0.230902	0.635448	-1.57369	0.0199156	0.350777	-2.81075	0.6378	1.19053	1.19053	0.205312	0.611742	-1.63468	2.12189	4.54544	1.90415	1
cg25644224	PTPN2;PTPN2;PTPN2	0.151434	0.0460041	0.4	0.4	0.0933215	0.8268048	1.20856	0.0433562	1.1953	1.20856	0.0433562	1.1953	1.20856	0.0433562	1.23444	0.4889164	0.8268048	1.20856	0.0433562	1.1953	1.23444	0.4889164	0.8837936	1.1536	1.05336	0.3880933	1.25129	1.25129	0.2601991	1.02034	0.9804707	2.12189	0.6388736	0.3046	1
cg19683800	CYB561;CYB561;CYB561	0.151434	0.112543	2.16985	2.16985	0.0621761	1.56388	1.56388	0.924868	1.0432	1.0432	0.955183	0.975114	-1.02552	0.254237	0.586342	-1.70549	0.0513076	2.70487	2.70487	0.356073	1.53061	1.53061	0.0454004	2.79857	2.79857	0.408232	1.46128	1.46128	2.12189	6.7574	2.83078	1
cg17062905	TMEM132C	0.151435	0.0273877	0.514496	-6.47268	0.807341	0.93985	-1.10069	0.277221	2.84182	2.84182	0.76249	1.24175	1.24175	0.0239919	0.640281	-1.84455	0.507109	0.681802	-1.61791	0.0406563	0.721156	-1.38626	0.699255	1.00067	1.00067	0.99839	1.01374	1.01374	1.14987	2.12188	17.1469	7.18415	1
cg00102666	PANK4	0.151435	0.944708	1.04617	1.04617	0.2400665	1.22661	1.22661	0.183507	0.815927	-1.15437	0.150818	0.967184	-1.03398	0.0418681	0.828403	-1.20723	0.735365	1.24702	1.24702	0.0447906	1.456202	-1.70406	0.673355	0.757073	-1.31792	0.842244	0.878383	-1.13878	2.12188	3.5408	1.3615	1
cg00715290	SKI	0.151436	0.0257109	0.445297	-2.24569	0.316637	0.728961	-1.37181	0.145283	0.620284	-1.61217	0.156935	0.629846	-1.58769	0.472134	0.799848	-1.25024	0.907748	0.96522	-1.03603	0.141241	0.616839	-1.62117	0.015009	0.401318	-2.49179	0.350815	0.745841	-1.34077	2.12188	3.13375	1.31278	1
cg17924520	USP42	0.151443	0.977658	1.08363	1.08363	0.1119974	1.20318	1.20318	0.138034	1.16682	1.16682	0.570312	0.816526	-1.09139	0.0997682	1.31655	1.31655	0.580304	1.18737	1.18737	0.0940544	1.70726	1.70726	0.0145001	2.72728	2.72728	0.065871	1.33377	1.33377	2.12187	0.883307	0.916936	0.09059	0.08183	1
cg23091167	ALG10B	0.151447	0.7880044	0.957114	-1.04481	0.0128518	0.604994	-1.65291	0.465838	0.886281	-1.12831	0.966877	0.993268	-1.00678	0.0621692	0.920315	-1.08658	0.931781	1.01402	1.01402	0.0315454	0.6603553	-1.51704	0.0904504	0.738263	-1.35453	0.21199	0.807462	-1.23845	2.1218	0.8891156	0.372495	1
cg07730848	MED10	0.147287	0.4728574	1.28158	1.28158	0.455561	0.7948758	1.35256	0.0977883	0.763503	1.31016	0.0832194	0.762103	1.31216	0.0831592	1.31004	1.31004	0.482872	0.66088	-1.5129	0.0144181	0.3202289	-3.12284	0.0297912	0.683807	-1.46272	0.0298704	0.683807	-1.46272	2.12184	0.8838308	0.365615	1
cg16243606	PPAP2B;PPAP2B	0.151448	0.0263259	0.545691	-1.83254	0.281652	0.773177	-1.29336	0.0301435	0.556419	-1.79721	0.79335	1.06222	1.06222	0.528091	0.863324	1.15831	0.844033	0.955724	-1.04633	0.881242	1.03497	1.03497	0.173937	1.39455	1.39455	0.328237	0.792935	-1.26114	2.12179	1.77633	0.744162	1
cg04195527	INSIG2	0.151455	0.715686	1.05927	1.05927	0.952244	0.990617	-1.00947	0.0149111	1.64488	1.64488	0.66257	1.07156	1.07156	0.754483	1.05062	1.05062	0.151286	0.785027	-1.27384	0.102895	0.755137	-1.32426	0.792419	0.959335	-1.04239	0.688972	1.06538	1.06538	2.12178	0.8325562	0.34879	1
cg23911968	RALGAPA1;RALGAPA1	0.151455	0.0299171	0.749453	-1.33397	0.174721	0.46065	-2.17152	0.0551377	1.13616	1.13616	0.115501	0.419465	-2.38414	0.0168758	0.324554	-3.08146	0.0400127	0.414147	-2.41447	0.0139464	0.323863	-3.08963	0.0201464	0.456255	-2.19211	0.0139464	0.456255	-2.19211	2.12178	0.5433241	0.2406853	1
cg00339415	OBP2B	0.15146	0.32884	0.676159	-1.47894	0.0132018	0.30334	-3.29663	0.126186	0.525989	-1.90118	0.909886	1.04494	1.04494	0.491298	0.762281	-1.31185	0.123183	0.522852	-1.91259	0.136359	0.536249	-1.86481	0.170348	0.567227	-1.76296	0.402557	1.39464	1.39464	2.12172	5.06651	2.12261	1
cg20548936	KCNG4	0.151462	0.2245317	0.615157	-1.5996	0.548773	0.2933	1.2933	0.0582268	1.08642	1.08642	0.0982401	0.512877	-1.94978	0.0176436	0.316492	-3.16028	0.543623	1.254	1.254	0.0319205	0.3222837	-3.10365	0.0178556	0.329633	-3.03417	0.0178556	0.329633	-3.03417	2.12172	0.8881	0.371271	0.455325	0.19042	1
cg01350077	MDFI;MDFI	0.151462	0.0497414	0.628469	-1.59117	0.660445	1.09607	1.09607	0.146156	0.723445	-1.38227	0.833584	0.95728	-1.04663	0.0375342	0.642357	-1.55677	0.404851	1.837896	-1.19347	0.0756301	1.537028	0.910749	0.977	-1.02354	0.107707	0.35354	1.35354	2.1217	1.44697	0.606211	1
cg22228439	LRIC41 REPIN1;REPIN1;REPIN1;REPIN1;	0.151464	0.0512651	0.359836	-2.77905	0.837203	1.09938	1.09938	0.328691	1.59082	1.59082	0.611174	1.26631	1.26631	0.0606196	0.37751	-2.64893	0.848023	1.09237	1.09237	0.101028	0.437355	-2.28647	0.91446	1.05072	1.05072	0.065776	0.386443	-2.5877	2.12169	7.1259	2.98542	1
cg00365505	REPI

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 T vs. N)	Fold-Change(1050 T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1212 T vs. N)	Fold-Change(1212 T vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1353 vs. N)	Fold-Change(1353 vs. N)	p-value(1527 vs. N)	Fold-Change(1527 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1563 T vs. N)	Fold-Change(1563 T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg14251267	ZBTB46	0.151617	0.778428	1.14907	0.154417	0.739009	-1.35316	0.965185	1.02173	1.020273	0.0106935	0.48965	0.448065	0.304831	0.559271	1.68785	0.263663	0.561801	-1.77999	0.57651	0.757341	1.33045	0.0801724	2.60186	2.60186	0.82305	0.115665	1.21666	0.85019	3.4162	1
cg12277532	ADPRHL2	0.151618	0.432288	0.713775	-1.401	0.2299033	1.69888	1.69888	0.0816987	0.44408	-2.25185	0.504301	0.751945	-1.32988	0.706783	1.17234	1.17234	0.811978	1.10546	1.10546	0.325112	1.53344	0.14591	0.544679	-1.83594	0.0213589	0.312328	-3.20177	1.22066	5.9455	2.4921	1
cg14840389	SOX10	0.151618	0.54315	0.863637	-1.15789	0.686383	0.907841	-1.10151	0.111455	0.6616911	-1.51128	0.0758906	0.60086	0.60086	0.58105	0.875658	-1.142	0.0229849	0.523199	-1.91134	0.330264	1.27036	1.27036	0.679789	0.905869	-1.10391	0.363151	0.8005563	-1.24912	2.120655	1.90556	0.758731	1
cg20907057	CTBP2;CTBP2	0.151619	0.68159	0.77186	-1.29557	0.101423	1.08242	1.08242	0.0604134	0.77788	0.77788	0.40857	0.69889	0.69889	0.442151	0.611465	-1.63544	0.6326158	1.35293	1.35293	0.68008	0.770847	-1.29728	0.0142892	0.66048	0.66048	0.763307	1.20874	1.20874	2.21065	13.2328	5.5467	1
cg00343599	BTBD19	0.151619	0.108723	1.84828	0.498189	1.27308	1.27308	0.201241	1.60625	1.60625	0.177367	1.65361	1.63363	1.44661	1.73397	1.73397	0.0721509	2.02321	2.02321	0.0494996	2.1967	2.1967	0.0180013	2.74317	2.74317	0.181333	1.64582	1.64582	2.12065	4.14059	1.73557	1
cg26424302	SESN3	0.151619	0.36481	1.35222	1.35222	0.0276484	2.32541	2.32541	0.467009	1.2711	2.12711	0.53255	0.814744	1.22738	0.0421443	0.468234	-2.13569	0.2539318	1.4718	1.4718	0.2466888	1.48084	1.48084	0.772405	1.09855	1.09855	0.687953	1.1398	1.1398	2.12065	3.52798	1.47878	1
cg04733838	IRAK2	0.15162	0.017821	0.206958	-4.8319	0.215351	0.490078	-2.04049	0.0900501	0.3599652	-2.77805	0.103116	0.377167	-2.65134	0.200219	0.477119	-2.09591	0.1231096	0.401218	-2.49241	0.679802	0.7969461	-1.25479	0.259418	0.525496	-1.90296	0.0428826	0.279583	-3.57675	2.10644	10.0449	4.21041	1
cg23320645	CSrf118	0.151627	0.195429	0.611642	-1.63494	0.0700058	2.060511	2.060511	0.1394823	1.63215	1.63215	0.388638	1.37329	1.37329	0.277391	0.665359	-1.50015	0.529609	0.795577	-1.25655	0.1463744	0.571686	-1.74921	0.0823762	0.501436	-1.99427	0.06001	1.01817	1.01817	1.2106	4.32908	1.81462	1
cg04969678	FBXO28;FBXO28	0.151628	0.0232993	0.630148	1.56458	0.181024	0.996081	-1.00393	0.374954	0.860407	-1.16224	0.250208	0.615388	-1.21954	0.1631316	0.706051	-1.41633	0.684019	1.06989	1.06989	0.170713	0.785955	-1.27234	0.141239	0.770107	-1.29852	0.0490482	0.600051	-1.44917	2.10259	0.915524	0.383761	1
cg01041284	ARTN;ARTN;ARTN	0.151629	0.0221611	0.385891	-2.59141	0.249556	0.658494	-1.51862	0.012652	0.340918	-2.93325	0.121573	0.55838	-1.7909	0.334549	0.707846	-1.41274	0.303004	0.690444	-1.44834	0.442364	0.761892	-1.31252	0.523735	0.799043	-1.2515	0.205514	0.628949	-1.58995	2.10258	4.04829	1.69603	1
cg22679813	DPP6;DPP6;DPP6	0.151629	0.421146	1.326261	1.326261	0.753911	2.367	2.367	0.1464151	1.5555	1.5555	0.924657	1.13747	1.13747	0.2015156	0.719345	-2.27571	0.374004	0.728695	-1.46187	0.0185584	0.0260905	-48.3311	0.0207	0.434997	2.95875	2.95875	0.392134	0.303054	2.29975	1.42058	62.2773	26.1049	1
cg24507384	MAP2	0.151629	0.0140158	0.154413	-6.47614	0.116323	0.349397	-2.86207	0.362153	0.5617	-1.78031	0.241793	0.470267	-2.12645	0.250317	0.47228	-2.09521	0.720817	1.24729	1.24729	0.60887	1.37412	1.37412	0.120544	0.870095	1.1493	0.050697	0.253841	-3.93947	2.10258	12.7356	5.33841	1
cg15199038	KIF13B	0.151631	0.0882553	0.709011	-1.41042	0.804936	0.915647	-1.04641	0.383978	0.815671	-1.22568	0.145586	1.35096	1.35096	0.402516	0.862513	-1.1594	0.251416	0.803266	-1.24492	0.280251	0.814482	-1.22777	0.0342904	1.43849	1.43849	0.115567	0.702599	-1.34663	2.10257	1.12256	0.470549	1
cg09443900	RTBDN;RTBDN	0.151631	7	7	7	0.123905	0.1343	-7.44603	0.0950326	0.1145	-10.4054	0.510087	0.093243	0.107496	-9.30264	0.0131378	0.0226278	-44.1934	0.245773	0.233475	-4.28311	0.863082	0.814282	-1.22808	0.716262	0.647468	-1.54448	0.92512	0.894151	-1.11838	2.24443	43.8093	17.0792	1
cg13865940	ZFYVE21;XRCC3;XRCC3;XRCC3	0.151637	0.445019	0.923213	-1.08317	0.599756	0.947114	-1.05584	0.203888	0.871441	-1.14752	0.216756	0.875138	-1.14268	0.376993	0.911168	-1.09749	0.0723957	1.22843	1.22843	0.73128	0.960599	-1.03572	0.040794	1.27421	1.27421	0.285346	1.12061	1.12061	2.12053	0.353656	0.148247	1
cg23778310	MOXD2;DHX57	0.151638	0.510576	1.2008	1.2008	0.432825	1.08454	1.08454	0.1462	0.887464	1.67752	1.67752	0.164635	1.50157	1.50157	0.345548	1.30225	1.30225	0.0219756	0.855855	-2.19368	0.559561	1.17561	1.17561	0.9324558	0.977026	1.022351	1.02352	2.54994	1.65841	1
cg02244933	FTSJD1;FTSJD1	0.151638	0.106794	0.667482	-1.49817	0.291128	0.777638	-1.28595	0.110053	0.6704081	-1.49163	0.789838	0.940516	-1.06325	0.0467616	0.592934	-1.68653	0.808548	1.05731	1.05731	0.524507	0.862375	-1.15959	0.0599308	1.6279	1.6279	0.391021	0.817828	-1.22357	2.10252	1.77014	0.742012	1
cg02609865	RLP	0.151638	0.761371	0.945105	-1.05728	0.867993	0.799677	-1.2505	0.50618	0.247557	2.47557	0.110264	0.698855	0.698855	0.0134555	0.61729	-1.61729	0.444306	0.350639	-2.85193	0.88131	1.22236	1.22236	0.29661	4.28343	4.28343	0.0593869	18.5925	18.5925	2.12052	60.652	25.4344	1
cg25793649	SYAP1;SYAP1	0.151666	0.239117	0.83022	1.18382	0.713188	1.19843	1.19843	0.83396	1.0447	1.0447	0.252036	1.65985	1.65985	0.0143455	2.16058	2.16058	0.0782318	2.6097	2.6097	0.0419432	0.316852	-3.15605	0.208811	0.520606	-1.92084	0.651134	1.24988	1.24988	2.12051	8.070305	3.38411	1
cg20929922	CSorf28	0.151644	0.0433149	0.574535	-1.74054	0.116696	1.50145	1.50145	0.200963	1.37996	1.37996	0.172408	1.41382	1.41382	0.163112	0.701197	-1.42613	0.245049	0.748305	-1.33635	0.727909	0.920091	-1.08685	0.758091	1.07644	1.07644	0.99683	1.00095	1.00095	2.12048	1.90947	0.800433	1
cg13139609	APOC2;APOC2	0.151648	0.140663	0.384331	-2.60193	0.0355146	0.762211	-1.30303	0.320539	0.855407	-2.81367	0.942833	1.06054	1.06054	0.0124401	0.518941	-1.92707	0.645556	0.75237	-1.32913	0.0705589	0.29801	-3.35596	0.162604	0.598347	-1.67131	0.0428809	0.460281	-2.17259	0.24546	12.6757	5.3136	1
cg05912053	RORA;RORA;RORA	0.151648	0.0180654	0.394659	-2.53383	0.119801	0.579023	-1.72705	0.586567	0.837132	-1.19455	0.302989	0.707918	-1.41259	0.108144	0.566953	-1.76381	0.511101	0.805909	-1.24083	0.628114	1.1712	1.1712	0.583622	0.839938	-1.19026	0.0299148	0.437343	-2.28654	2.10245	3.51998	1.47557	1
cg22522416	SLC10A4	0.151655	0.0675932	0.470303	-2.12604	0.0540437	0.728099	-1.37344	0.264569	0.55638	-1.79662	0.215008	0.654463	-1.5279	0.0661866	0.533107	-1.87609	0.52047	0.810246	-1.23404	0.24837	0.602993	-1.65913	0.0179204	0.515817	-1.93867	0.147308	0.588863	-1.69819	2.10247	2.33408	1.04227	1
cg20305028	GLI2	0.151654	0.135934	0.80648	-1.23996	0.527579	0.0894	1.0894	0.472505	1.10275	1.10275	0.6680465	1.31459	1.31459	0.766678	1.04063	1.04063	0.654141	1.06222	1.06222	0.0580697	1.33206	1.33206	0.0826529	0.77316	-1.29339	0.682395	0.946419	-1.05661	2.10241	0.6016555	0.252217	1
cg09731791	RAB40AL	0.151658	0.0688608	0.31051	-3.22051	0.439014	0.635481	-1.57361	0.210083	0.648281	-1.53547	0.0436287	0.263811	-3.79031	0.0228606	0.209296	-4.77791	0.163654	0.425774	-2.34865	0.94761	1.03847	1.03847	0.813177	0.872853	-1.14567	0.0872087	0.337991	-2.95866	2.10239	11.0801	4.64491	1
cg26904308	ABCA6	0.151661	0.340312	1.23265	1.23265	0.581138	1.95285	1.95285	0.0387362	1.38918	1.38918	0.892738	1.06304	1.06304	0.0526263	0.588792	-1.83179	0.670815	1.17648	1.17648	0.0833102	0.557098	-1.79502	0.413671	0.738073	-1.35488	0.23037	0.495823	-2.01703	2.10243	4.8583	2.03454	1
cg23765831	WIPF3	0.151661	0.927751	0.90142	-1.10936	0.2117283	0.22205	-4.50349	0.358344	0.339399	-2.94639	0.886001	1.17835	1.17835	0.0053874	0.515124	-66.1202	0.489217	2.23381	2.23381	0.654407	0.597214	-1.67444	0.784722	1.16788	1.16788	0.208019	0.219003	-4.56615	2.10237	43.9525	18.4255	1
cg18769913	WIZ	0.151661	0.115346	2.10864	2.10864	0.107828	0.124852	2.0302	1.0302	0.0957218	1.16562	1.16562	0.0448533	1.55575	1.55575	0.5601581	1.27792	1.27792	0.233574	0.594601	-1.6818	0.1657167	1.24458	1.24458	0.0468839	2.13543	2.13543	0.31206	5.81878	2.43933	2.14629	1
cg14945774	URPS;LRPSL	0.151664	0.521024	0.749731	-1.33381	0.3777	0.369763	-1.493	0.373367	1.49875	1.49875	0.873796	1.07292	1.07292	0.0916216	0.727526	-1.63312	0.447647	1.04872	1.04872	0.145479	-2.1954	0.0713533	0.409937	-2.4394	0.979982	1.01117	1.01117	2.10235	0.584115	2.7602	1
cg26575905	SUPT3H;SUPT3H	0.151666	0.907526	0.975726	-1.02488	0.962194	0.98979	-1.01032	0.0631815	0.642809	-1.55567	0.857967	0.962826	-1.03861	0.0184467	0.546349	-1.83033	0.601204	0.894472	-1.11798	0.477755	1.1649	1.1649	0.950277	0.986899	-1.01328	0.0359419	0.596887	-1.67536	2.10233	1.50177	0.629573	1
cg13705707	PRKAR2B	0.151667	0.519408	1.2481	1.2481	0.387	0.0922554	1.11774	1.11774	0.1873475	1.10245	1.10245	0.547642	1.08389	1.08389	0.922558	1.03229	1.03229

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg19257102	LOXL1	0.151879	0.246891	0.563093	-1.79852	0.0615067	0.340193	-2.77629	0.165395	0.486462	-2.05595	0.47195	0.701389	-1.42574	0.0193019	0.314749	-3.17713	0.5837	0.764599	-1.3077	0.327751	1.63187	1.63187	0.0130125	0.2598119	-3.34875	0.765287	0.864901	-1.1562	2.11891	7.88641	3.30837	1
gb26013827	C19orf57	0.151885	0.760158	0.859539	-1.11652	0.813548	0.918468	-1.08877	0.0267593	0.388813	-2.57191	0.645172	0.846278	-1.18164	0.0128063	0.328599	3.04323	0.119816	0.544704	1.83586	0.237583	0.640537	-1.56119	0.703101	0.871234	-1.1478	0.172005	0.59254	-1.68765	2.11887	4.34835	1.82418	1
gb14141843	DVL3	0.151887	0.524743	0.842143	-1.18745	0.57372	1.1636	1.1636	0.219552	0.708841	-1.41075	0.345265	1.29577	1.29577	0.00801037	0.404249	-2.47372	0.411404	1.25092	1.25092	0.412265	0.799754	-1.25038	0.533598	1.183	1.183	0.779731	0.927992	-1.07759	2.11885	2.38421	1.00021	1
gb25377475	LYST	0.151888	0.370634	0.850013	-1.17645	0.588101	1.10147	1.10147	0.958956	1.00914	1.00914	0.687997	1.07396	1.07396	0.338049	1.19072	1.19072	0.394447	0.858368	-1.1647	0.00858547	0.552941	-1.80851	0.403658	0.859809	-1.16305	0.235201	1.24596	1.24596	2.11885	1.04838	0.43981	1
gb51200668	FAM73A	0.151889	0.552751	0.727272	-1.29371	0.496271	0.743267	-1.34476	0.833416	0.913648	-1.09541	0.764194	0.878973	-1.13769	0.0240519	0.315387	-3.17071	0.182384	0.545073	-1.83462	0.141937	0.508103	-1.9681	0.0530822	0.56629	-2.56629	0.432093	0.709072	-1.41029	2.11884	6.17016	2.58848	1
gb19636311	SNRNP2;SNRPB2	0.151889	0.770926	1.09393	1.09393	0.839818	0.939667	-1.08421	0.564268	1.19627	1.19627	0.0954952	1.75616	1.75616	0.644972	1.15334	1.15334	0.0472397	0.497532	-2.00992	0.064584	0.528164	-1.89335	0.588301	1.18299	1.18299	0.152228	1.60253	1.60253	2.11884	1.37282	1.33105	1
gb26506055	MEF2C;MEF2C	0.151892	0.17751	0.580665	-1.72216	0.494481	0.768627	-1.30102	0.940116	1.02891	1.02891	0.691138	0.859438	-1.16355	0.959911	0.981115	-1.01925	0.878151	1.05992	1.05992	0.00653788	0.261801	-3.8197	0.227128	0.618193	-1.61762	0.0747452	0.470998	-2.12315	2.11882	4.82797	2.02543	1
gb51124403	MIR369;MIR412;AI086256	0.151894	0.653814	0.902746	-1.10773	0.675861	1.04429	1.04429	0.764207	0.776622	-1.28765	0.647969	1.42475	1.42475	0.302203	0.783665	-1.47505	0.788068	1.06022	1.06022	0.0143632	0.199199	1.99039	0.302324	0.735639	-1.95936	0.698314	1.0929	1.0929	2.1188	1.7456	0.732323	1
gb20268171	ABLIM1;ABLIM3;ABLIM2;AI CAMTA2;CAMTA2;SPAG7;CAMTA2;CA	0.151895	0.246722	0.340298	-2.9386	0.300184	2.59978	2.59978	0.746341	1.33486	1.85548	0.850232	-1.17615	0.184314	0.285589	1.50154	1.50154	0.275564	1.36434	2.744	0.0130836	0.0646297	-15.4728	0.149456	0.252727	-3.95684	0.14369	0.247062	-0.44756	2.11877	26.575	11.149	1
gb13818368	MTA2 HHAT;HHAT;HHAT;HHAT;HHAT; HHAT	0.1519	0.0633212	0.716194	-1.39627	0.989521	1.0021	1.0021	0.714445	0.942952	-1.0605	0.47493	1.12315	1.12315	0.210872	1.23457	1.23457	0.108841	1.33276	1.33276	0.14142	1.28759	1.28759	0.392024	0.869209	-1.15047	0.0800962	1.36394	1.36394	2.11877	0.857378	0.359697	1
gb22332066	HHAT;HHAT	0.1519	0.339645	0.636642	-1.57074	0.662027	2.64468	2.64468	0.0813733	2.42632	2.42632	0.159712	1.9924	1.9924	0.0834736	0.415176	-2.40862	0.486243	1.3835	1.3835	0.604162	0.786656	-1.2712	0.51852	0.740586	-1.35028	0.677995	1.21115	1.21115	2.11877	7.06423	2.96366	1
gb26257210	HES3	0.151901	0.00934133	0.566834	-1.76419	0.143523	0.762874	-1.31083	0.668443	0.928494	-1.07701	0.0766149	0.712379	-1.40375	0.886597	0.975728	-1.02488	0.143783	0.763028	-1.31057	0.334341	0.842439	-1.18703	0.0906404	0.725414	-1.37852	0.568723	0.90557	-1.10428	2.11876	0.995006	0.417437	1
gb08877374	FAM57B;FABP3	0.151905	0.971685	1.02034	1.02034	0.00755041	0.79098	0.79998	0.111781	2.67115	2.67115	0.862763	1.10311	1.10311	0.603181	1.34805	1.34805	0.181135	2.32769	2.32769	0.0407303	0.241255	4.25577	0.0150574	-1.09281	0.160319	2.34185	2.34185	2.11874	10.8	4.531	1
gb24540946	C1orf105;C1orf109	0.151907	0.391689	0.808297	-1.12096	0.0172197	1.37454	1.37454	0.462096	1.08552	1.08552	0.786149	1.09026	1.09026	0.438554	1.13658	1.13658	0.517778	1.07452	1.07452	0.464043	0.917382	-1.09006	0.54807	0.935552	-1.06889	0.174634	1.17146	1.17146	2.11872	0.403108	0.16912	1
gb16548818	OD23	0.151908	0.140488	0.608839	-1.64247	0.984271	1.00619	1.00619	0.0146987	0.3907	-2.55951	0.0428165	0.482114	-2.0742	0.561936	1.20142	1.20142	0.946242	0.979119	-1.02133	0.54894	0.827139	-1.20899	0.489464	1.24572	1.24572	0.870696	1.0523	1.0523	2.11872	3.28612	1.37866	1
gb21441894	BCL2L11;BCL2L11;BCL2L11	0.151911	0.798149	0.954078	-1.04813	0.893955	1.17395	1.17395	0.620933	0.932554	-1.09575	0.97705	1.00529	1.00529	0.499063	1.13414	1.13414	0.374394	1.18188	1.18188	0.0260536	0.616033	-1.62328	0.306403	1.27994	1.27994	0.0431138	1.53245	1.53245	2.1187	1.1291	0.473708	1
gb26274444	PLD6	0.151911	0.113707	0.598087	-1.6722	0.669715	0.879719	-1.13673	0.0870947	1.78231	1.78231	0.267018	0.707952	-1.41253	0.0542725	0.520822	-1.92004	0.683329	0.884709	-1.13032	0.800494	0.927159	-1.07856	0.106045	1.69424	1.69424	0.0209808	1.07003	1.07003	2.11871	2.99334	1.25584	1
gb26298480	LOC154822	0.151916	0.173011	0.303245	-3.29767	0.0245297	0.110319	-9.06461	0.236381	0.360241	-2.77592	0.814901	1.21286	1.21286	0.0217061	0.103554	-9.65679	0.549115	0.607243	-1.64679	0.389822	2.06504	2.06504	0.405802	0.49665	-2.01349	0.665323	0.698974	-1.43067	2.11866	22.7221	9.5331	1
gb05180471	BAT5	0.151916	0.591813	1.11743	1.11743	0.303891	1.52389	1.52389	0.448509	0.853649	-1.17144	0.304706	0.809696	-1.23556	0.313776	0.856514	-1.22472	0.799934	0.94609	-1.05634	0.126935	1.40093	1.40093	0.103191	1.44345	1.44345	0.0665329	1.5251	1.5251	2.11866	1.41196	0.592391	1
gb20362508	NRSN1	0.151917	0.520532	0.717171	-1.39437	0.509251	1.4074	1.4074	0.45431	0.677709	-1.47556	0.249186	0.540768	-1.84902	0.0059406	0.1594	-6.27352	0.754693	0.852154	-1.1735	0.563574	1.34532	1.34532	0.35494	1.62537	1.62537	0.948471	0.967549	-1.03354	2.11866	8.74221	3.66782	1
gb22734086	C2orf70	0.151919	0.719614	0.82687	-1.53426	0.0535731	1.47405	1.47405	0.0174955	2.44008	2.44008	0.0178396	1.42453	1.42453	0.0170845	0.704045	-2.45895	0.599388	1.66872	1.66872	0.251832	0.236113	-4.25183	0.0239123	0.615117	1.78236	1.78236	0.0320323	1.68103	1.68103	2.11865	1.0964	0.407626	1
gb17128349	SLC46A3;SLC46A3	0.151926	0.624951	0.862094	-1.15997	0.644126	0.869268	-1.15039	0.13966	1.61402	1.61402	0.821264	0.934116	-1.07053	0.0753549	1.81544	1.81544	0.650422	1.1473	1.1473	0.0215669	0.435518	-2.29612	0.699817	0.880859	-1.12377	0.286381	1.39578	1.39578	2.1186	3.04393	1.27713	1
gb20129082	LOC100126784;NAV2;NAV2	0.151928	0.107788	0.535121	-1.86874	0.0949178	0.520054	-1.92288	0.511408	1.26782	1.26782	0.160503	0.591436	-1.6908	0.25247	0.653185	-1.53096	0.144011	0.576142	-1.74935	0.106891	0.514134	-1.87226	0.0386515	0.426006	-2.34738	0.0650743	0.478075	-2.09172	2.11858	4.25919	1.7871	1
gb14097117	PLSCR3	0.151929	0.0693258	0.515116	-1.94055	0.0976504	0.589074	-1.69758	0.0604178	0.67804	-1.47484	0.563703	0.709366	-1.40978	0.0203788	0.510145	-1.95988	0.178844	0.402121	-2.5008	0.0136059	0.149885	-6.67176	0.0170305	0.59588	-1.67862	0.0834952	0.236291	-4.23206	0.18357	18.7309	7.85893	1
gb03901475	CCDC50;CCDC50	0.151931	0.0785348	1.42574	1.42574	0.347046	0.838856	-1.1921	0.0530076	0.670916	-1.4905	0.522026	1.125	1.125	0.0521811	1.49314	1.49314	0.714038	0.935379	-1.06909	0.317682	1.20621	1.20621	0.503519	1.13114	1.13114	0.8889948	0.974959	-1.02568	2.11856	1.10549	0.463832	1
gb24309230	SDTB10	0.151931	0.345439	1.18921	1.18921	0.0800348	0.640639	-1.18685	0.0939963	1.66412	1.66412	0.818114	0.940403	-1.06355	0.0970721	-1.43468	0.99485	1.00215	1.00215	1.00215	0.9914888	0.99485	?	-1.1789	0.0873741	1.28591	1.28591	0.0440878	0.975516	-1.0251	2.04063	3.15769	1.1268	1
gb05708070	LOC338758	0.151934	0.455718	0.691979	-1.44513	0.0937818	0.409376	-2.44274	0.286195	0.568262	-1.71051	0.0207606	0.259454	-3.85424	0.0153479	0.340011	-2.86524	0.8244	1.07892	-1.11372	0.385718	1.53876	1.53876	0.446549	1.45648	1.45648	0.480412	1.70635	1.70635	2.11853	1.41573	2.18154	1
gb13259707	NTSC1B;NTSC1B	0.151935	0.743628	0.857912	-1.16562	0.741264	1.16734	1.16734	0.683982	1.21058	1.21058	0.48037	1.39793	1.39793	0.08469	0.410472	-2.43622	0.0763473	0.398222	-2.51116	0.0601786	2.69117	2.69117	0.287052	1.67569	1.67569	0.164975	1.99711	1.99711	2.11853	7.31682	3.06997	1
gb13844022	GPX2	0.151939	0.725753	1.16077	1.16077	0.413255	0.29938	-3.33918	0.0757571	0.19757	-5.06062	0.0427382	0.144644	-6.91018	0.0148268	0.186621	-5.36095	0.10499	0.743252	-1.34554	0.402098	1.53651	1.53651	0.0981597	1.50843	1.50843	0.0975516	1.61404	1.61404	2.11852	0.941236	0.394626	1
gb14395885	DPM2	0.1594	0.0431177	0.429988	0.42998	0.204698	0.163453	0.163453	0.436429	2.15023	2.15023	0.138585	0.65277	0.65277	0.0685584	1.23355	1.23355	0.117834	0.14307	0.14307	0.0505253	8.576	8.576	0.0533242	8.30356	8.30356	0.106812	0.46187	0.46187	2.11851	31.1981	13.0902	1
gb20653012	C2orf89	0.151941	0.0357679	0.66845	1.66097	0.138345	0.62552	1.62552	0.0153453	2.78142	2.78142	0.0178462	2.79332	2.79332	0.0144572	2.44255	2.44255	0.0877061	0.442724	0.442724	0.0148227	0.184848	5.40911	0.0144117	0.630353	1.58644	1.58644	0.0188559	0.632414	0.632414	2.11851	0.93224	0.402586	1
gb10388887	FAM171A1	0.151943	0.249388	1.70544	1.70544	0.0322503	0.328913	-3.04032	0.0328145	0.330494	-3.02578	0.917738	0.955222	-1.04688	0.862713	1.07977	1.07977	0.376624	1.49528	1.49528	0.265525	1.67281	1.67281	0.888768	1.06402	1.06402	0.741474	0.863466	-1.15812	2.11848	6.59719	2.7681	1
gb05225996	ZNF205;MGC3771;ZNF205;MGC3771	0.151943	0.0570895	0.20627	2.06627	0.142264	1.42027	1.42027	0.180095	1.61595	1.61595	0.0169636	2.66882	2.66882	0.163085	1.65187	1.65187	0.657425	0.860305	-1.16238	0.959868	0.983179	-1.01711	0.400318	1.33676	1.33676	0.0757879	1.94696	1.94696	2.11848	3.8134	1.60006	1
gb05266794	COPA;COPA;NCSTN	0.151944	0.2361571	0.509009	1.96452	0.0787196	1.40064	1.40064	0.183702	1.24648	1.24648	0.350201	0.871761	-1.1791	0.461601	1.11499	1.11499	0.965627	0.939376	-1.06439	0.650996	1.035991	-1.06839	0.424691	0.677003	-1.47701	0.0606307	1.01725	1.01725	2.11848	0.707905	0.297029	1
gb27573806	LSM2	0.151945	0.42522	1.18583	1.18583	0.0240448	0.569315	-1.7565	0.296404	0.79723	-1.25434	0.8607	0.963903	-1.03745	0.628895	1.10731	1.10731	0.0760806	0.665159	-1.51158	0.259588	0.781796	-1.27911	0.46065	0.854518	-1.17025	0.15382	1.37657	1.37657	2.11847	1.46993	0.616766	1
gb21441856	C1orf89	0.151949	0.362880	0.787603	-1.26962	0.5	1.7015	1.7015	0.281563	1.64412	1.64412	0.818114	0.940403	-1.06355	0.0970721	-1.43468	0.99485	1.00215	1.00215	1.00215	0.9914888	0.99485	?	-1.1789	0.0873741	1.28591	1.28591	0.0440878	0.975516	-1.0251	2.04063	3.15769	1.1268	1
gb03015952	ZNF628	0.151953	0.548261	0.793484	-1.26206	0.440284	1.34942	1.34942	0.0975919	1.99797	1.99797	0.150454	1.79836	1.79836	0.178131	0.584476	-1.71094	0.117138	0.523037	-1.91191	0.0769476	0.472884	-2.11468	0.516432	1.28468	1.28468	0.605594	1.21938	1.21938	2.11842	2.86443	2.04111	1
gb14453201	AHRR	0.151953	0.440853	0.512325	-1.95188	0.0652262	5.81949	5.81949	0.41933	2.01801	2.01801	0.0232813	10.0469	10.0469	0.40656	0.485561	-2.05947	0.406193	0.485274	-2.06069	0.55543	0.602016	-1.66109	0.283114	0.387153	-2.58296	0.661826	0.687635	-1.45426	2.11841	24.2911	10.1926	1
gb23700235	CLPTM1L	0.151964	0.0470793	0.715194	-1.39804	0.0376924	0.303728	-3.29293	0.0178126	0.183288	-5.45463	0.0129724	0.303989	-3.29293	0.0129724	0.407947	-2.45161	0.0231609	0.159335	-6.2761	0.0609044	0.967411	-1.03369	0.523614	0.645764	-1.54853	0.314338	0.494602	-2.02183	2.11834	15.3582	6.44448	1
gb14360897	RNF167;SLC25A11;SLC25A11;SLC25A11	0.151966	0.495828	1.12299	1.12299	0.408556	1.15232	1.15232	0.731584	1.05945	1.05945	0.0129101	0.80511	-1.24207	0.156851	1.28914	1.28914	0.371778	1.16627	1.16627	0.0420592	0.675098	-1.48127	0.287882	0.831044	-1.20331	0.0931683	1.36313	1.36313	2.11833	0.943845	0.396055	1
gb16779866	ARMC4	0.151967	0.0640448	0.0676804	-14.7753	0.903013	1.17086	1.17086	0.308973	0.256045	-3.90556	0.265061	0.222481	-4.49477	0.0379723	0.0444602	-22.492	0.911272	0.865685	-1.15516	0.0187175	0.025053	-39.9154	0.422174	0.346148	-2.88894	0.125663	0.117143	-8.5366	2.11833	56.1699	23.5699	1
gb16850194	ARHGEF4;ARHGEF4	0.151969	0.660621	0.774133	-1.29172	0.412855	0.79938	-1.25098	0.442739	1.6261	1.6261	0.890988	0.921462	-1.08523	0.353906	0.854241	-1.1709	0.104997	0.743252	-1.34554	0.402098	1.53651	1.53651	0.0981597	1.50843	1.50843	0.0975516	1.61404	1.61404	2.11831	1.25303	0.5183	1
gb25748764	LOC284805	0.151972	0.498724	0.775469	-1.28959	0.428574	0.554426	-1.83713	0.0155829	0.33438	-2.99868	0.126391	0.878023	-1.13892	0.0324304	0.437772	-2.2843	0.725358	1.13951	1.13951	0.571017	0.808967	-1.23614	0.307193	0.640615	-1.56093	0.204653	0.609216	-1.64145	2.11829	4.5996	1.93011	1
gb06700265	DUSP16	0.151976	0.410412	1.27918	1.27918	0.279109	0.719541	-1.38977	0.567688	1.18406	1.18406	0.347499	1.32702	1.32702	0.0651184	0.545679	-1.83258	0.57887	1.1782	1.1782	0.0349268	2.01528	2.01528	0.739902	1.10236	1.10236	0.104235	1.68121	1.68121	2.11826	2.87019	1.20442	1
gb26878313	TNX8	0.151977	0.394514	1.27051	1.27051	0.0722572	1.73251	1.73251	0.167315	1.09186	1.09186	0.878112	0.955595	-1.04647	0.670318	0.883181	-1.1484	0.506319	0.810909	-1.23345	0.370193	1.62446	1.62446	0.0726124	1.52449	1.52449	0.0930502	1.88872	1.88872	2.11826	1.1511	0.428626	1
gb15625785	SAR1B;SAR1B TXNRD1;TXNRD1;TXNRD1;TXN	0.151978	0.783365	0.916054	-1.09164	0.0381531	0.465563	-2.14794	0.188322	0.6418	-1.55832	0.916282	0.967101	-1.03402	0.580442	1.23791	1.23791	0.118297	0.583032	-1.71517	0.0153114	0.387285	-2.57832	0.852914	0.942663	-1.06082	0.350897	0.736788	-1.35724	2.11825	3.3956	1.42401	1
gb15647029	RD1	0.15198	0.605954	0.803648	-1.24433	0.542673	0.771929	-1.29546	0.789139	1.11918	1.11918	0.941345	0.969561	-1.0314	0.00606907	0.221965	-4.50521	0.100558	0.469706	-2.12899	0.24614	0.600787	-1.66448	0.851852	0.924469	-1.0817	0.129915	0.502971	-1.98819	2.11824	5.92007	2.48428	1
gb15565533	PPEF1;PPEF1;GMPPB;GMPPB	0.15981	0.284997	0.700178	-1.42821	0.0431053	2.11044	2.11044	0.0992411	1.78602	1.78602	0.918779	0.967794	-1.03328	0.233786	0.669903	-1.49275	0.996199	0.998472	-1.00153	0.157627	0.615734	-1.62408	0.324374	0.721343	-1.3863	0.269811	1.44599	1.44599	2.11823	3.45558	1.45009	1
gb15304308	AMBRA1	0.15985	0.539368	0.837202	-1.19479	0.584287	1.16156	1.16156	0.462441	0.914855	-1.09355	0.748615	0.948815	-1.05442	0.244337	0.902605	-1.10795	0.174528	0.726221	-1.37687	0.273954	0.660205	-1.51466	0.143913	0.466661	-2.14193	0.413913	0.572579	1.19778	1.19778	2.1182	0.88213	0.369794	1
gb06406719	NPAS1	0.15986	0.39727	1.22574	1.22574	0.29866	0.77649	-1.28785	0.584413	0.878267	-1.13861	0.773974	1.06996	1.06996	0.239444	1.33547	1.33547	0.372689	1.23975	1.23975	0.070634	1.60707	1.60707	0.404042	1.22202	1.22202	0.0116351	2.09715	2.09715	2.1182	1.84998	0.776332	1
gb19123570	ZNF516	0.15987	0.200047	0.744263	-1.34361	0.0101506	0.492885	-2.02883	0.284186	1.27475	1.27475	0.99756	1.00067	1.00067	0.499554	1.14056	1.14056	0.0772485	0.440919	0.845094	-1.18393	0.552941	-1.46745	0.403072	0.716234	-1.39612	0.256074	0.905832	-1.10274	2.11819	1.59708	0.670206	1
gb14382750	TMOD1;TMOD1	0.15987	0.0501763	7.17121	7.17121	0.214802	2.16497	3.16497	0.142884	4.01231	4.01231	0.739841	1.34182	1.34182	0.623235	1.54787	1.54787	0.64562	1.50462	1.50462	0.0144363	0.133714	-1.13154	0.0170709	0.13519	0.135919	0.0466838	0.74631	0.74631	2.11819	26.1152	10.9591	1
gb24399529	MIR548H4;TMEM84	0.151989	0.222952	0.455165	-2.197	0.460084	0.629856	-1.58766	0.741353	0.815807	-1.22578	0.319988	0.531736	-1.88063	0.0362381	0.22388	-4.46668	0.443323	0.618546	-1.6167	0.0133299	0.151922	-6.58232	0.0758839	0.296949	-3.36759	0.126258	0.361776	-2.76414	2.11817	12.6728	5.31814	1
gb28286554	SUPV3L1	0.152002	0.748664	0.89552	-1.11677	0.726807	1.13168	1.13168	0.645439	1.0251	1.0251	0.883667	1.03154	-1.03154	0.819657	1.0251	1.0251	0.541557	1.16099	1.16099	0.0156414	0.830412	-1.20422	0.354926	0.790181	-1.26531	0.0858374	0.994451	-1.00558	2.11809	0.995126	0.994451	0.365967	1
gb18922263	RAB7A	0.152004	0.332902	1.13657	1.13657	0.0156652	0.46181	1.46181	0.384229	1.12114	1.12114	0.34429	0.88263	-1.13298	0.957548	1.00392	1.00392	0.0523606	1.32681	1.32681	0.289822	0.868659	-1.1512	0.986442	1.00218	1.00218	0.682313	1.05416	1.05416	2.11807	0.551001	0.231238	1
gb07897296	LOC100289573	0.152006	0.0512359	0.554896	-1.80286	0.0772606	1.16726	1.16726	0.0495117	1.69517	1.69517	0.0611239	1.57439	1.57439	0.0124866	1.31243	1.31243	0.128867	0.557834	-1.79282	0.0158588	0.0242866	28.2482	0.0158568	0.0242866	-1.6076	0.134197	0.789383	0.789383	2.11806	2.82641	1.18603	1
gb07990556	FNIP2	0.152007	0.353905	1.8884	1.8884	0.00751526	0.90507	0.90507	0.0377493	0.98335	0.98335	0.947606	1.04478	1.04478	0.728704	0.792878	1.26123	0.50099	1.57658	1.57658	0.874086	1.11149	1.11149	0.910359	0.927681	-1.07796	0.79838	1.18603	1.18603	2.11805	14.9029	6.25432	1
gb10991514	DCAF12L2	0.152009	0.266885	0.172421	-5.79977	0.542701	0.392044	-2.55073	0.697539	0.552434	-1.81017	0.161802	0.68183	-1.46581	0.223851	0.97217	0.97217	0.194152	0.123998	-8.06467	0.649554	0.498993	-2.00404	0.0171087	0.82149	0.82149	0.982323	1.03424	1.03424	2.11804	0.72468	32.5108	1
gb04892170	ADAM12;ADAM12;ADAM12;ADAM12	0.152012	0.3197	1.37953	1.37953	0.323184	0.822591	-1.21567	0.340182	1.0444	1.0444	0.92428	1.13404	1.13404	0.505827	0.977031	1.02281	0.312738	1.22014	1.22014	0.0090811	0.531806	-1.88039	0.599302	1.1003	1.1003	0.8908368	0.975875	-1.02472	2.1802	1.21792	0.511136	1
gb18728316	ARID1B;ARID1B;ARID1B	0.152012	0.253427	0.762897	-1.31079	0.619865	1.12015	1.12015	0.44094	1.19519	1.19519	0.0885847	1.53152	1.53152	0.0288148	0.55714	-1.79488	0.922163	0.978069	-1.02242	0.672189	1.10139	1.10139	0.0863578	1.53708	1.53708	0.797716	1.06001	1.06001	2.11802	1.72699	0.724784	1
gb24305610	FLI1;SSU;LBX1	0.152014	0.308768	0.879695	-1.13809	0.658805	1.23159	1.23159	0.150997	1.1621	1.1621	0.480752	0.932439	-1.07246	0.3109	0.902715	-1.10775	0.767977	0.971462	-1.02956	0.817299	0.977736	-1.02277	0.287375	0.859704	-1.1184	0.0594433	1.23079	1.23079	2.1801	0.319533	0.134102	1
gb26885779	H2BFWT;MIR1256	0.152018	0.814415	0.915565	-1.09222	0.388525	0.717819	-1.39311	0.886563	0.94786	-1.05501	0.661841	1.17952	1.17952	0.0546516	0.253896	-3.93862	0.818662	1.08997	1.08997	0.198408	1.66513	1.66513	0.758927	1.12241	1.12241	0.849783	1.03722	1.03722	2.11798	4.72093	1.98131	1
gb08976316	TSSC1	0.152019	0.472809	0.865283	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg10001805	DUS2;DUS2	0.152152	0.2062885	-3.36831	0.0770337	2.07549	-3.62889	0.100527	0.307385	-1.25325	0.640444	1.754578	-1.36133	0.0917091	0.295948	-3.37898	0.163303	0.374966	-2.66691	0.021523	0.163702	-6.10867	0.0775643	0.272262	-3.63976	0.38735	0.55934	-1.78782	2.11709	14.4168	6.05308	1
cg06570843	FABP2	0.152155	0.0146235	13.53526	-7.4892	0.120301	0.323509	-3.09111	0.163052	0.368938	-2.71048	0.971459	1.02425	1.02425	0.2397	0.438449	-2.28076	0.581177	1.45231	1.45231	0.354737	0.230173	-4.34455	0.805725	0.847871	-1.17942	2.057566	0.459952	-2.47114	2.107707	15.0383	6.3141	1
cg06017847	KLF10;KLF10;KLF10	0.15216	0.541423	0.833111	-1.20032	0.0829113	1.76321	1.76321	0.0302067	2.1228	2.1228	0.685391	1.12783	1.12783	0.24692	0.69935	-1.4299	0.105004	0.5926	-1.68748	0.941155	1.02205	1.02205	0.696159	0.890551	-1.1229	0.381092	1.30389	1.30389	2.117303	2.925008	1.22817	1
cg21640587	DSCAML1	0.152161	0.95044	0.980301	-1.02009	0.878611	0.950356	-1.05228	0.0423807	2.14925	2.14925	0.202574	1.54373	1.54373	0.13133	0.500304	-1.69491	0.241149	0.673339	-1.48514	0.995553	1.00179	1.00179	0.0869553	0.540025	-1.84868	0.326098	1.39104	1.39104	2.224848	3.533997	1.23542	1
cg07150473	CHRNA2	0.152161	0.124907	2.046438	-4.08768	0.029853	0.0145983	-8.72651	0.0411913	0.135814	-7.36299	0.275734	0.382478	-2.61453	0.049101	0.149114	-6.70627	0.318253	0.417125	-2.39736	0.0737043	0.184541	-5.41884	0.16862	0.288414	-3.46724	0.328717	0.425516	-2.35009	2.117022	24.0885	10.1142	1
cg01495907	NFATC4;NFATC4	0.152162	0.390934	1.1818	-1.1818	0.0580828	0.665628	-1.50234	0.177589	0.761654	-1.31293	0.053261	0.658853	-1.51779	0.610926	0.907107	-1.10241	0.154991	0.748657	-1.33537	0.209658	1.28562	1.28562	0.5489	0.891142	-1.12236	0.136714	0.737391	-1.35613	2.17102	1.21067	0.508331	1
cg11336311	ID3	0.152162	0.0361502	0.0939373	-10.6454	0.6235	0.618618	-1.61651	0.138106	0.212284	-4.71067	0.251873	0.312891	-3.19601	0.011948	0.0476182	-21.0004	0.78279	0.764715	-1.30768	0.186655	0.2569966	-3.89157	0.43726	0.463381	-2.15805	0.118845	0.193353	-5.17188	2.17102	31.5914	13.2645	1
cg10339067	RGPD1;RGPD2	0.152165	0.196981	0.793082	-1.26141	0.165232	0.312946	-3.19567	0.40067	0.959485	0.9820251	-1.01831	0.589634	1.883421	-1.13196	0.237438	0.754431	-1.32543	0.442188	0.836526	-1.19534	0.1919705	0.790334	-1.26492	0.0495606	0.428721	-2.33252	0.218817	0.740721	-1.35004	2.117	1.73738	0.729492	1
cg11504408	KCTD18	0.152168	0.416281	0.90383	-1.1064	0.748403	0.31094	-3.21615	0.0454274	1.40404	1.40404	0.85843	0.978504	-1.02197	0.011878	0.682364	-1.46549	0.827352	0.973767	-1.02694	0.632596	0.943065	-1.06037	0.471198	1.0933	1.0933	0.92301	0.988441	-1.01169	2.119698	49.6626	20.80526	1
cg01142353	FAM53A	0.152168	0.196895	0.29612	-3.37701	0.8183198	0.814522	-1.22771	0.122987	0.225241	-4.43968	0.90958	0.903625	-1.10655	0.00498012	0.0362996	-27.5485	0.909261	1.10705	1.10705	0.675358	1.45604	1.45604	0.694801	0.703466	-1.42153	0.891968	0.885845	-1.12887	2.116998	26.6785	11.2019	1
cg21150390	HCCA2;CTSD	0.152169	0.115779	0.809873	-1.66148	0.0982214	0.962715	-1.03873	0.0122225	1.47732	1.47732	0.154478	1.21055	1.21055	0.191452	1.8393	-1.18559	0.336099	0.745253	-1.34175	0.0485366	1.55278	1.55278	0.0532966	0.521003	-1.91943	0.0158	0.645899	0.871625	1.0055	1.14728	2.116998	2.95714	1.24166	1
cg19691505	SOX1;SOX1	0.152171	0.0569201	0.616661	-1.62164	0.945212	0.984492	-1.01575	0.130941	0.690115	-1.44903	0.155829	0.707989	-1.41245	0.423885	1.20412	1.20412	0.283227	0.776023	-1.2886	0.0920649	1.5246	1.5246	0.215478	0.743424	-1.34513	0.193318	0.731213	-1.36759	2.116997	1.73404	0.728103	1
cg00815644	JAZF1	0.152217	0.201213	0.401352	-2.49158	0.0509248	0.106796	-9.36365	0.0364102	0.193105	5.17853	0.790638	0.801206	-1.19717	0.156258	0.315237	-3.17222	0.323764	0.50407	-1.98353	0.572697	0.680105	-1.47036	0.953202	0.809343	-1.23557	0.69217	0.76404	-1.30883	2.116997	15.3367	6.43972	1
cg06679494	MIR497;MIR195	0.152175	0.0366591	0.0815516	-12.2542	0.4889911	1.06611	-2.06611	0.0564665	1.82409	1.82409	0.917303	0.898322	-1.11317	0.0311779	0.594854	-13.6082	0.481897	0.478094	-2.09164	0.0463996	0.0948587	-10.542	-2.562448	0.546301	-1.83049	0.455951	0.456619	-2.19001	2.116996	35.7353	15.0048	1
cg00323305	THRB;THRB;THRB	0.152173	0.125049	2.941013	2.913413	0.389257	0.161001	5.161001	0.291609	7.66214	7.66214	0.0869074	33.6702	33.6702	0.611665	0.388985	-2.57079	0.344485	0.61764	0.617764	0.843782	0.692827	-1.44336	0.0190301	196.408	196.408	0.0483964	66.3489	66.3489	0.172695	115.996	48.7057	1
cg13324189	PDE4A	0.152175	0.165886	0.685666	-1.45844	0.359335	0.78608	-1.27213	0.0550979	0.536294	1.86455	0.557036	1.38325	1.38325	0.0204097	0.217288	-4.60219	0.308436	0.24918	-4.01316	0.550771	0.719121	-1.39059	0.875093	0.430983	-2.32227	0.21687	0.10044	0.100044	2.1008	1.1	0.918204	1
cg19499058	TRAPPC9;TRAPPC9	0.152188	0.207807	0.47801	-2.09201	0.625289	0.760687	-1.3146	0.395866	1.62129	1.62129	0.117064	0.388228	-2.57581	0.163121	0.437227	-2.28714	0.353245	0.58811	-1.70036	0.0125037	0.137853	-5.62262	0.498514	0.682591	-1.46501	0.0829528	0.34406	-2.90647	2.116985	10.3549	4.34813	1
cg25134231	CLASP1;CLASP1;CLASP1;RNU4ATAC	0.15219	0.235382	1.235	-1.235	0.0297525	1.5675	-1.5675	0.192721	1.26362	1.26362	0.219722	0.803295	-1.24487	0.174662	0.782669	-1.27768	0.760062	0.949339	-1.05336	0.936635	1.07453	1.07453	0.42451	1.34847	1.34847	0.532871	1.11316	1.11316	2.116983	0.965778	0.405544	1
cg24848535	FBXO31;FBXO31	0.15219	0.722094	0.964357	-1.03696	0.819741	0.97707	-1.02347	0.0434617	1.26617	1.26617	0.437532	0.08381	1.08381	0.183976	1.15401	1.15401	0.263207	1.25285	1.12585	0.192447	1.15051	1.15051	0.0625262	0.80813	-1.23743	0.166703	0.165165	1.16165	2.116983	0.346276	0.145407	1
cg22336633	RPS13	0.152193	0.0955183	0.742064	-1.34743	0.326683	1.15018	1.15018	0.0438062	1.89526	1.89526	0.0987867	1.12955	1.12955	0.0615262	1.1756	1.1756	0.796998	0.964994	-1.03624	0.740705	0.882306	-1.13356	0.261562	0.772116	-1.29539	0.0868106	0.0293277	1.42575	1.42575	0.0241612	0.0829798	1
cg09888572	YPEL2	0.152194	0.18041	0.697923	-1.43282	0.93871	1.01963	1.01963	0.0288482	0.521188	-1.91869	0.798928	0.937497	-1.06667	0.6604673	1.585511	1.70791	0.7408	0.919491	-1.08756	0.7757349	1.64841	1.64841	0.867099	0.958536	-1.04326	0.459188	0.826495	-1.20993	2.116981	2.143241	0.900018	1
cg09034456	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.152195	0.459676	1.3455	-1.3455	0.8819888	2.13761	2.13761	0.0963228	2.05399	2.05399	0.729641	1.14656	1.14656	0.539865	0.782075	-1.27718	0.0405538	2.54045	2.54045	0.707678	0.862006	1.13206	0.105836	0.505839	-1.97691	0.672149	0.84552	-1.1827	2.1168	5.20983	2.18772	1
cg25383503	CRLF1	0.152196	0.16762	0.7966	-1.58203	0.0408879	0.0939135	0.78608	-1.27213	0.0550979	0.536294	1.86455	0.557036	1.38325	1.38325	0.0204097	0.217288	-4.60219	0.308436	0.24918	-4.01316	0.550771	0.719121	-1.39059	0.875093	0.430983	-2.32227	0.21687	0.10044	0.100044	2.1008	1.1	0.918204	1
cg17024952	NT5DC1	0.152197	0.157561	0.695397	-1.43803	0.386996	0.808034	-1.23757	0.113876	0.51204	1.51204	0.821516	1.05582	1.05582	0.262049	0.754939	-1.32461	0.196568	0.720209	-1.38849	0.306621	0.775368	-1.28971	0.172943	0.705668	-1.4171	0.0666484	1.63938	1.63938	2.116979	1.937151	0.813438	1
cg01774894	LOC442066;HOXB6;LOC442066;LOC442066;LO	0.152197	0.887004	0.870642	-1.14858	0.861956	1.1848	1.1848	0.32921	2.66738	2.66738	0.316219	0.364374	-2.74443	0.653586	1.58558	1.58558	0.372436	0.24039	-4.16029	0.0141054	0.163459	-6.11773	0.0325185	20.5564	20.5564	0.734939	0.718146	-1.39247	2.116979	31.8238	13.3636	1
cg11861387	PPYR1	0.152198	0.128242	4.55449	4.55449	0.02563	11.5266	11.5266	0.176613	3.7603	3.7603	0.824245	0.814567	-1.22765	0.532557	0.558289	-1.79119	0.580601	0.597758	-1.67292	0.249873	0.329196	-3.0377	0.483398	0.518528	-1.92854	0.143697	0.42519	4.25719	2.116978	28.5035	11.9693	1
cg03770703	NMNAT2	0.152198	0.492122	1.58253	1.58253	0.4107	1.29599	1.29599	0.0697813	1.92932	1.92932	0.163763	1.12763	1.12763	0.0291925	0.546574	-1.82965	0.239405	0.385168	-2.59707	0.0215497	0.2596	-3.85168	0.0795543	1.21785	1.21785	0.762167	1.26502	1.26502	0.29178	0.188351	0.844521	1
cg12403329	NDEL1;NDEL1	0.1522	0.159966	0.501048	-1.99582	0.0137894	0.250095	-3.9948	0.726099	0.852351	-1.17323	0.393638	1.48857	1.48857	0.1146	0.457829	-2.18422	0.525427	0.34038	1.34038	0.230445	0.563955	-1.77319	0.538937	1.32739	1.32739	0.307063	0.673812	1.48409	2.116977	6.9488	2.91799	1
cg05968988	KIAA0146	0.152201	0.879854	1.15358	1.15358	0.7995	1.30682	1.30682	0.0860202	1.83853	1.83853	0.0987867	1.60214	1.60214	0.0615262	1.1756	1.1756	0.796998	0.964994	-1.03624	0.740705	0.882306	-1.13356	0.261562	0.772116	-1.29539	0.0868106	0.0293277	1.42575	1.42575	0.0241612	0.0829798	1
cg07205452	PRDM10;PRDM10;PRDM10;PRDM10	0.152201	0.0477042	1.52987	1.52987	0.373709	1.18705	1.18705	0.23079	1.26625	1.26625	0.0462479	1.53541	1.53541	0.148992	1.33725	1.33725	0.126243	1.36431	1.36431	0.0424396	1.55087	1.55087	0.128441	1.12728	1.12728	0.0479326	1.52902	1.52902	0.21676	0.18213	0.496413	1
cg09284772	FLOT1	0.152207	0.766294	0.939565	-1.06432	0.868516	1.53991	1.53991	0.0928537	1.47214	1.47214	0.253982	0.779475	-1.28291	0.0804704	0.99479	-1.00524	0.980281	0.94987	-1.00516	0.960264	0.642484	-1.55646	0.149005	0.723497	-1.38218	0.641993	0.90672	-1.10288	2.116972	1.46636	0.615778	1
cg07372495	PRDM11	0.152209	0.142218	2.08764	2.08764	0.1326683	1.15018	1.15018	0.0438062	1.89526	1.89526	0.0987867	1.60214	1.60214	0.0615262	1.1756	1.1756	0.796998	0.964994	-1.03624	0.740705	0.882306	-1.13356	0.261562	0.772116	-1.29539	0.0868106	0.0293277	1.42575	1.42575	0.0241612	0.0829798	1
cg25032756	TCP10L2	0.15221	0.190618	0.435057	-2.29855	0.803405	1.16159	1.16159	0.272527	0.503661	-1.98546	0.108812	0.349837	-2.85848	0.029777	0.215277	-4.64519	0.221502	0.462222	-2.16346	0.0370138	0.233536	-4.282	0.960064	0.970377	-1.03053	0.0661916	0.290101	-3.44707	2.1167	12.09	5.07708	1
cg03445060	AP2M1;AP2M1	0.152191	0.63193	1.727461	1.727461	0.736208	1.34771	1.34771	0.0497211	0.588861	-1.69532	0.0349707	0.67062	-1.58606	0.0806	0.248426	2.15341	2.15341	2.15341	0.0464	0.692186	1.29996	1.29996	0.295973	0.85713	1.29996	0.256828	0.04848	0.954854	1.35416	2.116976	0.618899	0.259611	0.418899	1
cg03055158	ARHGEF2;ARHGEF2;ARHGEF2	0.152213	0.971056	1.01059	1.01059	0.5501779	1.91238	1.91238	0.90423	1.03557	1.03557	0.040809	0.78216	-1.27851	0.0891852	0.519103	1.9264	0.366742	1.30897	1.30897	0.0755769	1.7891	1.7891	0.899379	0.03741	1.03741	0.46846	0.807197	1.23885	2.116968	2.82646	1.18695	1
cg01179300	TRIO	0.152217	0.0783165	0.177821	-5.62364	0.314584	2.50499	2.50499	0.528086	1.75847	1.75847	0.374184	0.466883	-2.23772	0.0545662	0.14578	-6.85963	0.564318	0.597755	-1.67293	0.0408116	0.124317	-8.04395	0.59711	1.60161	1.60161	0.202265	0.302804	-3.30247	2.116965	26.1378	10.9766	1
cg17651212	PRMT8	0.152218	0.1160977	0.723623	-1.38224	0.0780889	0.814522	-1.22771	0.122987	0.225241	-4.43968	0.90958	0.903625	-1.10655	0.00498012	0.0362996	-27.5485	0.909261	1.10705	1.10705	0.675358	1.45604	1.45604	0.694801	0.703466	-1.42153	0.891968	0.885845	-1.12887	2.116998	26.6785	11.2019	1
cg07622996	FAM84A; SMARCA4;SMARCA4;SMARCA4;SMARC	0.152223	0.716816	0.949898	-1.05274	0.283615	1.17104	1.17104	0.0667364	1.33652	1.33652	0.0248812	1.45753	1.45753	0.529035	0.913941	1.09416	0.59882	0.927825	-1.07779	0.398653	0.852485	-1.12968	0.184532	0.819875	-1.2197	0.568902	1.08464	1.08464	2.116961	0.667493	0.280319	1
cg03738979	A4;SMARCA4;SMARCA4;SMARCA4	0.15223	0.660942	1.16197	1.16197	0.0238554	2.50193	2.50193	0.0176926	2.66778	2.66778	0.918168	1.03557	1.03557	0.346569	0.719158	-1.39051	0.468496	1.28514	1.28514	0.896615	1.04521	1.04521	0.519102	0.800674	-1.24895	0.55374	1.22598	1.22598	2.11657	3.87784	1.62857	1
cg02121891	BRK1;BRK1	0.152225	0.341286	0.659301	-1.51621	0.13666	0.478734	-2.08889	0.184776	0.20586	-4.85651	0.56222	1.76611	1.76611	0.19086	0.529679	-1.88761	0.0221984	0.1776	-5.62811	0.0130972	0.88637	1.1282	0.903889	0.640466	-1.56151	0.413497	0.14367	0.143671	2.22437	7.11281	2.48708	1
cg09863706	RPS6KC1;RPS6KC1	0.152231	0.904506	0.960366	-1.03835	0.918725	2.59429	2.59429	0.0887851	1.83466	1.83466	0.0987867	1.60214	1.60214	0.0615262	1.1756	1.1756	0.796998	0.964994	-1.03624	0.740705	0.882306	-1.13356	0.261562	0.772116	-1.29539	0.0868106	0.0293277	1.42575	1.42575	0.0241612	0.0829798	1
cg15347425	PCCB	0.152233	0.0749962	0.799548	-1.25071	0.723521	1.04089	1.04089	0.952953	1.00668	1.00668	0.40652	1.10054	1.10054	0.615634	0.94449	-1.05877	0.0097206	1.4462	1.4462	0.662254	0.951622	-1.05084	0.622441	0.945545	-1.05759	0.988885	0.99843	-1.00157	2.11655	0.42668	0.179193	1
cg12939837	PCGF6;PCGF6	0.152237	0.515257	1.1621	1.1621	0.4894	1.10799	1.10799	0.609713	0.934988	-1.07005	0.311751	1.36497	1.36497	0.104163	0.734455	-1.36161	0.10077	1.50575	1.50575	0.0834543	1.85808	1.85808	0.0134966	1.32091	1.32091	0.0444489	1.01598	1.01598	2.11652	1.738	0.729917	1
cg00055881	KCNAB2;KCNAB2	0.152238	0.00381051	0.204636	-4.88672	0.641811	1.22913	1.22913	0.550833	0.782399	-1.27812	0.881593	0.942169	-1.06138	0.808455	0.905968	1.10379	0.901681	1.05154	1.05154	0.533737	1.28879	1.28879	0.615358	0.813845	-1.22873	0.336119	0.668133	-1.49671	2.11651	5.54182	2.32744	1
cg04375492	TRIM47	0.152239	0.193688	1.42311	1.42311	0.0109794	0.44097	-2.26773	0.183674	0.669947	-1.49389	0.277445	0.74842	-1.33615	0.464296	0.826092	-1.21052	0.409517	0.45995	-2.17393	0.0744942	0.98317	0.98317	0.918648	1.28795	1.28795	0.806759	0.939053	-1.06449	2.1165	2.20653	0.926696	1
cg04353881	PLA2G15;PLA2G15	0.152241	0.223174	1.568876	-1.71093	0.3316444	0.31644	-3.16015	0.241339	0.496776	-2.01298	0.0919894	0.315671	-4.2412	0.792521	1.22802	1.22802	0.0699328	0.2057	-4.86144	0.2757	0.4096633	0.47959	-2.07959	0.570549	1.66133	0.0196632	0.359	1.35916	2.116963	18.2316	8.43603	1
cg18454903	EIF3D	0.152244	0.0440356	0.817028	-1.22395	0.749179	0.972374	-1.02841	0.24073	0.88918	-1.11212	0.757299	1.02744	1.02744	0.799322	0.977908	1.0225	0.373731	1.08301	1.08301	0.017713	0.777329	-1.28646	0.1025	0.855524	-1.16887	0.565568	0.95059	-1.05204	2.116947	0.255658	0.107373	1
cg21478534	UGDT2	0.152246	0.0476886	1.5977	1.5977	0.2844755	1.71823	1.71823	0.227449	0.807367	-1.54352	0.691613	1.70512	1.70512	0.0744128	0.748424	-1.33615	0.108894	0.264509	-3.78059	0.0214757	0.756396	-1.32206	0.0842829	1.17926	1.17926	0.632746	0.693371	-1.44223	2.116945	1.3925	0.658242	1
cg15213988	ZFP3	0.152246	0.542186	0.875982	-1.14158	0.277003	0.784554	-1.27461	0.795016	0.945657	-1.05747	0.281905	0.786639	-1.27123	0.0801028	0.659218	1.51695	0.131079	0.704789	-1.41886	0.100641	1.47098	1.47098	0.150585	0.718524	-1.39174	0.0441047	0.608732	1.64276	2.11646	1.5438	0.64838	1
cg21870731	TPRKB;TPRKB;TPRKB;TPRKB;TPRKB;TPRKB;TP	0.152248	0.426115	0.808218	-1.23729	0.926714	1.0244	1.0244	0.376975	1.26811	1.26811	0.184722	0.691716	-1.44568	0.03266	0.519462	-1.92507	0.710316	0.906873	-1.10269	0.164982	0.680705	-1.46885	0.0223105	0.487782	-2.04926	0.211734	0.708446	-1.41154	2.11645	2.30104	0.966417	1
cg12497171	ZNF233	0.152249	0.687054	1.07027	1.07027	0.0245003	0.638043	-1.56729	0.129302	0.759686	-1.31633	0.511564	0.89436	-1.11812	0.276513	0.827116	-1.20902	0.79863	0.958035	-1.0438	0.0574418	1.43385	1.43385	0.34172	0.849499	-1.17855	0.594898	0.91393	-1.09418	2.11644	0.942644	0.395903	1
cg03039210	ZC3HAV1;ZC3HAV1	0.152251	0.619955	1.1773	1.1773	0.1429646	0.504636	-1.98163	0.0228364	0.746558	-1.33926	0.0223824	0.496842	-2.01341	0.0178754	0.422149	-2.36959	0.626952	0.776	-1.28866	0.0227125	0.919982	1.08722	0.0127	0.644793	-1.55051	0.0384453	0.15898	0.158982	2.24802	2.11643	0.604278	0.379791	1
cg00224403	METRNL	0.152254	0.922468	0.965953	-1.03525	0.408025	0.73997	-1.35141	0.0622645	0.473864	-2.11031	0.702421	1.14637	1.14637	0.82027	0.922214	1.08435	0.884585	0.949627	-1.05304	0.0278598	0.93659	-2.52149	0.0613421	0.472302	-2.11729	0.201181	0.61665	1.61665	2.11642	2.44238	1.78262	1
cg19805025	ST7;ST7;ST7OT1;ST7OT4	0.152255	0.0159535	0.771318	-1.29646	0.504636	0.504636	-1.98163	0.0228364	0.746558	-1.33926	0.0223824	0.496842	-2.01341	0.0178754	0.422149	-2.36959	0.626952	0.776	-1.28866	0.0227125	0.919982	1.08722	0.0127	0.644793	-1.55051	0.0384453	0.15898	0.158982	2.24802	2.11643	0.604278	0.379791	1
cg06266302	ITGAX	0.152256	0.369084	-1.35773	1.35773	0.645794	0.857769	-1.16582	0.658139	1.15908	1.15908	0.202026	0.395376	-2.52924	0.637116	1.17061	1.17061	0.851524	1.06409	1.06409	0.472602	0.784908	-1.27404	0.0535549	0.483446	-2.06848	0.0934195	0.542417	1.8436	2.11642	1.68381	1.54719	1
cg00928205	HCCA2;KRTAP5-2;LOC338651	0.152256	0.0174492	0.41841	-2.38989	0.182641	0.653248	-1.53081	0.114202	0.596119	-1.67752	0.139586	0.619626	-1.61388	0.0977649	0.578724	-1.72794	0.136422	0.616877	-1.62107	0.424558	0.78229	-1.2783	0.0409909	0.491614	-2.03412	0.328395	0.738068	-1.35489	2.11639	3.03831	1.27261	1
cg06122080	NGLY1;OSGM;OSGM;OSGM	0.152258	0.0852374	0.623374	-1.61237	0.444841	0.895344	-1.11737	0.691382	1.07881	1.07881	0.41982	0.74256	-1.34634	0.0613596	0.54154	-1.84674	0.108894	0.264509	-3.78059	0.0214757	0.756396	-1.32206	0.0842829	1.17926	1.17926	0.632746	0.693371	-1.44223	2.11638	1.3925	0.785627	1
cg07081887	ISY1	0.152259	0.0686357	2.02995	2.02995	0.100344	1.8689	1.8689	0.0493318	2.18	2.18	0.758794	1.11293	1.11293	0.905797	0.959709	-1.04198	0.405994	0.744294	-1.34356	0.249221	0.658126	-1.51947	0.207653	0.630306	-1.58653	0.601899	1.20062	1.20062	2.11637	4.04484	1.69885	1
cg02487422	NXCN1	0.152259	0.0322877	0.742563	-1.34697	0.122016	2.8248	2.8248	0.0258183	2.07148	2.07148	0.467529	1.58093	1.58093	0.245653	0.834094	-1.19846	0.166184	0.490515	-2.03916	0.0122673	0.354836	2.8182	0.0242364	0.488911	-2.04533	0.0180912	0.33617	0.680122	1.29297	1.29297	0.33637	0.260474	1
cg00286513	FAM19A5;FAM19A5	0.152261	0.134459	0.620894	-1.61058	0.569748	0.941861	-1.18489	0.372684	0.763175	-1.31032	0.951881	1.09788	1.09788	0.704254	0.799341	-1.26033	0.467331	1.2409	1.2409	0.334925	1.34133	1.34133	0.757252	0.912507	-1.09588	0.0776032	0.359161	1.78078	2.11635	2.9231	1.22773	1
cg12226453	DGKQ	0.152263	0.942256	1.02777	1.02777	0.446489	0.745685	-1.34105	0.244932	0.6313	-1.58403	0.772321	1.11596	1.11596	0.0119609	0.305474	-3.2736	0.19856	0.598206	-1.67167	0.117877	1.90061	1.90061	0.849016	0.930461	-1.07474	0.305784	0.669644	-1.49333	2.11635	4.79369	2.0134	1
cg07707984	NEU1	0.152264	0.906481	1.03155	1.03155	0.7337	1.12443	1.12443	0.0452	1.87169	1.87169	0.13752	1.25752	1.25752	0.0150325	0.524487	-1.90683	0.0216437	0.0837	-11.9483	0.0109813	0.58595	-1.70663	0.581572	0.863199	-1.15848	0.106222	1.59405

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg12576809	DYRK1B;DYRK1B;DYRK1B	0.152401	0.753896	1.16985	1.16985	1.277053	1.66162	1.68162	0.462552	0.709054	-1.41033	0.411383	1.47136	1.47136	0.50584	0.733171	-1.36394	0.733171	-1.36394	0.208636323	0.216928	-4.60881	0.455205	0.707164	-1.4141	0.338908	1.57335	1.57335	0.342533	0.637876	-1.5677	2.11543	7.08204	2.97583	1
cg14860473	PDGFRL	0.152402	0.757456	1.07012	1.07012	0.0127726	0.50827	-1.96746	0.634463	1.11047	1.11047	0.0270991	0.564183	-1.77248	0.874892	0.966117	-1.03507	0.643853	0.903167	-1.10722	0.687012	0.915202	-1.09266	0.47208	1.17353	1.17353	0.659118	0.907448	-1.10199	2.11542	1.60347	0.673768	1
cg04628464	GAA;GAA;CCDC40;GAA	0.152408	0.912663	0.972761	-1.028	0.357543	0.78807	-1.26892	0.110816	0.645771	-1.54854	0.414551	0.810636	-1.2336	0.313886	1.29975	1.29975	0.534557	0.853576	-1.17154	0.0196955	2.03213	2.03213	0.301797	1.30902	1.30902	0.351565	0.785593	-1.27292	2.11538	2.12269	0.891958	1
cg14504581	FAM102A;FAM102A	0.152408	0.065171	1.85332	1.85332	0.232527	1.2605	2.2605	0.634838	1.38577	1.38577	0.172628	2.574558	2.574558	0.0935753	3.32531	3.32531	4.00647	1.7516	1.7516	0.0250128	5.68233	5.68233	0.0416305	4.61977	4.61977	0.0986449	3.254005	3.254005	2.15538	14.222	5.97613	1
cg02700472	ZNF554	0.152409	0.501472	0.814168	-1.22825	0.63284	0.864989	-1.15608	0.542781	0.830568	-1.20399	0.0951251	0.575441	-1.7378	0.945199	0.979498	-1.02093	0.00917396	0.936974	-1.27022	0.841846	1.06205	1.06205	0.307484	1.37484	1.37484	0.139364	0.619167	-1.61507	2.11538	3.04234	1.2784	1
cg07676882	ANKRD43;ANKRD43	0.152411	0.556043	0.723318	-1.38252	0.0140464	5.2041	5.2041	0.0868334	2.79047	2.79047	0.976833	0.984328	-1.01592	0.243577	0.514944	-1.94196	0.702538	0.815621	-1.2321	0.280354	0.54313	-1.84118	0.965562	1.02376	1.02376	0.694586	0.806822	-1.23994	2.11537	0.931325	4.1656	1
cg09333580	BPIL1	0.152412	0.093931	0.434479	-2.30161	0.382803	0.666923	-1.49942	0.983606	0.990743	-1.00934	0.137436	0.484775	-2.06281	0.0321437	0.321127	-3.11403	0.434378	0.696456	-1.43584	0.0294245	0.31321	-3.19275	0.0507681	0.365197	-2.73825	0.44913	0.705329	-1.41778	2.11536	6.86306	2.88391	1
cg14677192	DNAH17	0.152418	0.073642	0.649234	-1.53994	0.299263	0.792234	-1.26227	0.0153169	0.524953	-1.905	0.938139	0.651895	0.651895	0.106189	0.66146	-1.51209	0.494192	0.860447	-1.16237	0.0403565	0.59888	-1.66978	0.904859	1.02623	1.02623	0.531354	0.871736	-1.14714	2.11532	1.57027	0.659853	1
cg15229982	C10orf26;C10orf26	0.152422	0.468015	0.722132	-1.38479	0.0769499	0.420161	-2.38004	0.0154611	0.689975	1.70404	0.809619	0.112227	-1.11227	0.885624	1.06373	1.06373	0.188591	1.84808	1.84808	0.48394	1.36293	1.36293	0.460482	1.39275	1.39275	0.812713	1.10131	1.25113	2.11533	0.511883	1.73639	1
cg17519749	MYT1L	0.152422	0.04367	0.220588	-4.53334	0.0543941	0.241089	-4.14785	0.040805	0.214611	-4.6596	0.574199	0.69073	-1.44774	0.124043	0.33773	-2.96094	0.454556	0.594734	-1.68142	0.092424	0.299092	-3.34345	0.0659722	0.260697	-3.83587	0.705525	0.780815	-1.28071	2.11529	14.2302	5.97984	1
cg04555220	SEMA5A	0.152423	0.1817	1.39385	1.39385	0.0127948	0.19382	1.19382	0.157585	1.28715	1.28715	0.310861	0.688924	1.68924	0.0350663	2.04385	2.04385	0.149917	1.27768	1.27768	0.610171	0.49917	2.00351	0.0055737	0.905737	1.10417	0.179319	0.370491	2.69945	2.11528	0.107491	20.7753	4.73025	1
cg24418853	PTCH2	0.152424	0.146748	0.730026	-1.36981	0.697845	0.924202	-1.08201	0.294533	1.24655	0.98823	1.00298	1.002098	1.002098	0.0410694	0.621094	-1.61006	0.291058	0.801423	-1.24778	0.0674761	1.51277	0.583446	1.11808	1.11808	0.310837	1.23598	1.23598	0.11527	1.3676	0.5747	1
cg03736807	CBX5;CBX5;CBX5	0.152425	0.077664	0.453297	-2.20606	0.0602106	0.42416	-2.35438	0.0816858	0.458815	2.17953	0.6276	0.820865	-1.21823	0.0126908	0.286239	-3.4931	0.682799	0.847134	-1.18046	0.196395	0.576034	-1.73601	0.241421	0.618244	-1.61749	0.588268	0.801955	-1.24695	2.11527	5.46246	2.28946	1
cg21235925	FN3KRP	0.152425	0.0186561	1.61599	-3.08271	0.416107	1.38841	1.38841	0.123215	1.93344	1.93344	3.301785	0.655475	-1.52501	0.74559	0.879377	-1.13717	0.63944	0.830024	-1.20478	0.238619	1.62795	1.62795	0.390835	1.41303	1.41303	0.391663	0.707148	-1.41413	2.11527	5.22253	2.19464	1
cg07921777	CBFB;CBFB	0.152426	0.260889	1.49855	1.49855	0.724101	1.13305	1.13305	0.098581	1.86684	1.86684	0.214404	1.56973	1.56973	0.122345	1.5576	1.5576	0.876926	0.947942	-1.05492	0.0277708	2.4529	2.4529	0.0159491	2.76766	2.76766	0.454118	1.30088	1.30088	2.11527	3.98667	1.6753	1
cg01552272	MACROD2	0.152430	0.505658	1.39639	1.39639	0.264884	0.754478	-1.77155	0.0349967	0.389385	1.36895	0.458079	0.684012	-1.46196	0.30343	0.550307	-1.69378	0.245147	0.548261	-1.82395	0.119152	0.433199	-2.30734	0.880587	0.926378	-1.07955	0.157266	2.1122	2.1122	2.11525	0.818772	4.54071	1
cg02318932	KCNS1	0.152431	0.587067	0.92763	-1.07802	0.0148842	1.50768	1.50768	0.612853	1.0724	1.0724	0.436572	1.11486	1.11486	0.271046	1.16997	1.16997	0.167115	1.22356	1.22356	0.167075	1.22358	1.22358	0.333449	0.872257	-1.14645	0.3040481	0.864318	-1.15698	2.11523	0.628718	0.264208	1
cg00327666	LOC401644	0.152431	0.295986	0.444086	-2.25182	0.0128476	0.098837	-10.1182	0.0270788	0.14236	-7.02444	0.612075	0.681786	-1.46678	0.20686	0.568922	-2.7106	0.411861	0.533383	-1.87443	0.194235	0.353457	-2.79757	0.108629	0.269589	-3.70935	0.80267	0.820882	-1.21863	2.11523	18.7969	7.88909	1
cg24548817	TRPM2	0.152431	0.178918	4.43471	4.43471	0.347747	1.281	1.281	0.87098	1.04027	0.4364449	0.818164	1.22225	0.0566083	0.578687	1.72805	1.72805	0.042432	0.1539	-1.80538	0.31575	1.29981	1.29981	0.445506	0.821542	-1.21722	0.264635	0.745345	-1.34166	2.11522	2.14082	0.899648	1
cg27034413	DHX15	0.152434	0.121334	0.740176	-1.35103	0.0175614	1.67803	1.67803	0.268959	1.22903	1.22903	0.52455	1.12245	1.12245	0.753853	0.945213	-1.05796	0.259181	0.80989	-1.23474	0.957213	0.990436	-1.00966	0.69711	0.932335	-1.07258	0.195769	1.27771	1.27771	2.11521	1.074488	0.451702	1
cg18373299	MEOX	0.152434	0.711427	0.674267	-1.48309	0.0199391	0.62159	-1.60859	0.0178155	0.34445	3.44445	0.1	?	?	0.693785	1.52167	1.52167	0.526084	1.98094	1.98094	?	?	0.34472	2.97178	2.97178	0.758837	1.38605	1.38605	2.40515	2.11521	31.6424	11.2767	1
cg24181510	HEXDC	0.152435	0.0912784	0.469337	-2.13066	0.29126	0.640557	-1.56114	0.0162838	0.268368	0.28356	-3.52542	0.894892	0.947657	-1.05533	0.0481879	0.399165	-2.50523	0.138793	0.52304	-1.9119	0.27726	0.631544	-1.58342	0.858722	0.930096	-1.07536	0.199589	0.576256	-1.73534	2.1152	5.54177	2.32887	1
cg24767041	PSMB8;PSMB8	0.152436	0.0602751	2.82477	2.82477	0.0135707	0.36518	2.73683	0.0126494	0.72161	1.38579	0.0156	0.12661	2.12661	0.0118584	1.8047	1.8047	0.960062	0.984255	-1.01576	0.681518	0.933044	-1.07176	0.681518	0.933044	-1.07176	0.681518	1.10888	1.10888	2.11519	0.148405	0.740027	1
cg23545045	KCNQ1;KCNQ1	0.152438	0.385628	0.792387	-1.26201	0.00806594	2.42987	2.42987	0.489337	1.20172	1.20172	0.951493	0.984192	-1.01606	0.200956	0.702311	1.42387	0.673572	0.895071	-1.11723	0.289619	0.750081	-1.33319	0.7785	0.928878	-1.07657	0.983715	1.00535	1.00535	0.15518	2.29317	0.963685	1
cg25601229	TAF1J	0.152446	0.35026	0.846165	-1.1818	0.215179	0.232134	1.23134	0.0695862	1.42278	1.42278	0.834641	0.934934	-1.06938	0.111531	0.739979	-1.35193	0.100452	0.737514	-1.36703	0.151864	0.788654	-1.30568	0.499458	1.12649	1.12649	0.435365	1.14828	1.14828	2.11513	1.01115	0.424938	1
cg26164735	CSMD3;CSMD3	0.152448	0.194939	1.83916	1.4242	0.0135707	0.560387	-1.78411	0.0270411	0.582118	1.18572	0.618752	0.716956	-1.39496	0.0934618	0.660796	-1.51356	0.302753	0.740571	-1.35007	0.0408207	0.214208	1.19922	0.0167057	0.507439	-1.56878	0.555782	0.920555	-1.0863	0.997729	1.0004	0.646506	0.721908	1
cg03574882	PRKAG2	0.152449	0.380905	1.14934	1.14934	0.406531	0.876777	-1.14054	0.661633	1.07058	1.07058	0.761706	0.95399	-1.04823	0.654709	0.932659	-1.0722	0.0102803	0.606003	-1.65016	0.0630361	0.723357	-1.38244	0.617158	0.924917	-1.08118	0.457431	1.12434	1.12434	2.11511	0.803462	0.33766	1
cg10848373	KCNJ5	0.152449	0.0453207	1.81125	1.81125	0.242277	1.02586	1.02586	0.957385	1.00509	0.975182	1.00509	1.39986	1.39986	0.351358	1.94894	1.94894	0.0171273	0.627384	0.627384	0.0145911	0.121736	0.701093	1.54475	1.54475	0.0384201	0.11285	0.082333	0.57424	2.11511	42.586	17.8971	1
cg02918557	RADIL;PAPOLB	0.152451	0.0523965	0.47834	0.70834	0.205595	2.55449	2.55449	0.749073	1.25281	1.25281	0.416862	1.79095	1.79095	0.0548036	0.45699	0.616099	0.0552003	0.602049	0.602049	0.160762	0.79306	0.79306	0.0327437	0.78091	0.78091	0.12055	0.76	1.32052	3.20952	2.1151	2.15236	0.94422	1
cg17212813	PDM121 JMJD7-PLA2G4B;JMJD7;JMJD7-JMJD7-PLA2G4B	0.152456	0.290749	0.744238	-1.34366	0.938235	0.979136	-1.0211	0.113544	0.628807	-1.59031	0.94338	1.01932	1.01932	0.0307587	0.5048	-1.98098	0.648523	1.13161	1.13161	0.0463513	1.8494	1.8494	0.744246	0.915579	-1.09221	0.393262	0.79008	-1.2657	2.11506	2.43166	1.02194	1
cg01332711	PLA2G4B	0.15246	0.121192	0.764781	-1.30756	0.863851	0.972983	-1.02777	0.854009	1.02083	1.02083	0.359611	1.1622	1.1622	0.490427	1.11828	1.11828	0.637186	1.07876	1.07876	0.0174765	0.630244	-1.58569	0.808181	1.03958	1.03958	0.102826	1.32952	1.32952	2.11504	0.85309	0.358529	1
cg13579562	GI14	0.152462	0.598202	1.15337	1.15337	0.0975844	0.36543	-2.73683	0.0145354	0.480435	2.08081	0.104843	0.104843	0.104843	0.0145354	0.480435	2.08081	0.101202	1.14067	1.14067	0.0107261	0.876553	-1.99767	0.500583	1.17024	1.17024	0.837347	1.05801	1.05801	2.11502	0.247085	1.03843	1
cg19485539	GFRA1;GFRA1;GFRA1	0.152462	0.560302	1.10445	1.10445	0.0673176	1.4132	1.4132	0.704977	1.06627	1.06627	0.245945	0.81489	-1.22716	0.140743	0.765453	1.30642	0.735431	1.05888	1.05888	0.822022	0.962706	-1.03874	0.237164	1.23234	1.23234	0.0285393	1.54635	1.54635	2.11502	0.953249	0.400626	1
cg22196260	MYBPC2;MYBPC2	0.152463	0.965844	0.976676	-1.02388	0.262749	1.90319	1.90319	0.0518144	3.38596	3.38596	0.943176	1.04007	1.04007	0.685206	0.798826	-1.25184	0.298082	0.551848	-1.81209	0.024712	0.22479	0.529062	-4.36563	0.231824	0.501	-1.99601	0.823629	0.884237	-1.13092	2.11502	10.175	4.2763	1
cg13791379	OBSCN;OBSCN	0.152463	0.147953	1.29492	1.29492	0.0179704	0.993536	-1.00854	0.0319774	0.644055	1.55994	0.848116	0.10451	-1.10451	0.0218955	0.869825	1.15042	0.0969062	0.684259	1.46128	0.0185248	0.514884	1.52884	0.0133096	0.494439	1.36292	0.0455906	0.733396	1.11814	0.318121	0.833117	2.00331	0.51001	0.440757	1
cg08500763	GRB7;GRB7;GRB7	0.152465	0.0417719	12.1765	12.1765	0.0545886	10.2013	10.2013	0.543547	1.92493	1.92493	0.441875	2.44409	2.44409	0.331373	2.90797	2.90797	0.696226	0.994975	-1.00505	0.370022	0.375118	-2.66583	0.828044	1.26073	1.26073	0.0234074	17.8953	17.8953	2.115	38.0008	15.9709	1
cg24362790	SERAC1;GTF2H5	0.152467	0.98228	1.01837	1.01837	0.0043	2.141	2.141	0.208005	1.37051	1.37051	0.12784	0.70511	0.70511	-1.41851	0.840914	1.04026	1.04026	1.04026	0.0392024	0.915592	1.09223	0.0339044	0.937763	1.06625	1.06625	0.0109254	0.911222	0.911222	0.74494	2.11502	0.154103	0.0613	1
cg27353308	BNIP3	0.152471	0.918848	0.957547	-1.04434	0.661266	1.20645	1.20645	0.626786	1.23194	1.23194	0.757546	1.14089	1.14089	0.242504	0.649173	1.54042	0.258754	0.457358	1.38012	0.138012	0.202911	0.0219923	3.010521	2.92395	1.02196	0.609335	0.555086	2.11501	0.111155	0.424938	1
cg01328403	NOL12;NOL12	0.152472	0.276854	2.332	2.332	0.673189	0.727897	-1.37382	0.765912	0.799693	-1.25048	?	?	?	0.185728	0.34977	-2.85902	?	?	?	0.82606	0.848088	-1.17912	0.890522	0.902034	-1.10861	0.010264	0.0887433	-11.2685	2.15183	14.8565	7.89042	1
cg01356824	SH2B3	0.152475	0.2867797	1.54511	1.54511	0.550071	0.384825	-1.59377	0.0139382	0.379798	1.15236	1.15236	0.15236	1.15236	0.0127418	0.721518	-1.25736	0.143155	1.86543	1.86543	0.0172447	0.863794	-1.15768	0.573026	1.25315	1.25315	0.458969	1.14823	1.14823	2.11494	5.29327	2.1042	1
cg16702362	MGAT5	0.152485	0.381437	0.767193	-1.30306	0.74026	0.90941	-1.09661	0.298387	0.729723	-1.37038	0.0701322	0.553561	-1.80649	0.0593427	0.53674	-1.8631	0.93504	1.02411	1.02411	0.0861891	1.74052	1.74052	0.82699	0.938019	-1.06608	0.0651099	0.545867	-1.83195	2.11487	2.8621	1.20205	1
cg20146909	LRRC8D;LRRC8D	0.152486	0.0465869	0.732204	-1.36555	0.0125441	0.605227	-1.65166	0.128759	0.430953	1.2513	0.338189	0.651756	-1.53432	0.0715706	0.524881	-1.90543	0.125154	0.779899	-1.28234	0.553807	0.622764	-1.60627	0.496909	0.567314	-1.76283	0.189089	0.227742	0.560004	-1.78504	2.11487	0.646506	0.721908	1
cg05210910	ZKSCAN5;ZKSCAN5;ZKSCAN5	0.152487	0.307804	1.93053	1.93053	0.714505	1.25726	1.25726	0.253004	2.10421	2.10421	0.435004	0.608768	-1.64266	?	?	?	0.0306084	0.86897	-1.86897	0.824868	1.14809	1.14809	0.0581279	0.263312	-3.79778	0.624994	0.735682	-1.35928	2.11144	11.6508	5.46618	1
cg22822893	AGAP12;AGAP12	0.152489	0.636458	0.958463	-1.10445	0.194006	1.15106	1.15106	0.0859798	1.19033	1.19033	?	?	?	0.0542192	0.634014	-1.57725	0.474978	0.686991	1.16361	0.0318834	0.68761	0.711375	1.08066	1.08066	0.0723935	1.07696	1.07696	2.11143	1.30597	0.61344	1
cg14739437	LRRC24;LRRC14	0.152489	0.927156	0.95155	-1.05092	0.683279	1.24955	1.24955	0.0225143	4.11119	4.11119	0.676473	0.796191	-1.25598	0.736138	0.832198	-1.20164	0.638103	1.29944	1.29944	0.353004	1.29998	1.29998	0.344027	2.35111	2.35111	0.0523471	1.317	1.317	0.8798	2.11482	4.15258	1
cg03699618	ZBTB48	0.152491	0.890254	0.980975	-1.01939	0.118238	0.789797	-1.26615	0.920713	0.986244	-1.01395	0.369149	0.879568	-1.13692	0.124232	0.793272	-1.2606	0.32299	1.15261	1.15261	0.0163931	0.66489	-1.50401	0.276776	0.854378	-1.17044	0.327144	1.15112	1.15112	2.11483	0.64833	0.272501	1
cg12844997	NSUN2	0.152493	0.98971	1.00997	1.00997	0.0019	1.04729	1.04729	0.0331462	1.16545	1.16545	0.0188889	1.07335	1.07335	0.0188775	1.1366	1.1366	0.533253	1.03315	1.03315	0.579899	0.891896	1.10344	1.10344	0.402753	1.13585	1.13585	0.0749419	0.589456	-1.69648	2.11482	0.74988	0.61244	1
cg08202760	FAM89B;FAM89B;FAM89B;SSSCA1	0.152499	?	?	?	1.35777	0.97132	1.97132	0.233637	0.590260	-1.69415	0.496882	0.747351	-1.33806	0.220159	0.580269	-1.72334	0.548532	1.29214	1.29214	0.126934	0.498103	-2.00762	0.0308012	0.342766	-2.91745	0.380647	0.687183	-1.45522	2.11435	5.34809	2.50925	1
cg21385606	C21orf56;C21orf56	0.1525	0.326612	0.70061	-1.42733	0.0271398	0.398974	-2.50643	0.986811	1.00582	1.00582	0.371686	0.734256	-1.38213	0.0175744	0.562378	-2.75955	0.994423	1.00246	1.00246	0.987268	1.47418	1.47418	0.919271	1.03626	1.03626	0.528545	0.799058	-1.25147	2.11477	0.143401	0.75762	1
cg21545390	DLX6AS	0.152505	0.741866	-1.8050112	-3.24222	0.0885215	1.43161	1.43161	0.0147416	2.36885	2.36885	0.445277	0.598737	-1.67018	0.132789	0.809777	-1.23496	0.324199	1.95054	1.95054	0.448726	0.581467	-1.71976	0.0261787	0.546611	-1.64661	0.145198	2.79129	2.79129	2.11477	14.4221	5.09197	1
cg13998890	FBXL7	0.152509	0.515692	0.896989	-1.11484	0.263712	1.54398	1.54398	0.447724	0.88018	-1.13633	0.314426	0.842322	-1.18719	0.154125	0.704129	1.05319	1.05319	0.221866	1.23587	1.23587	0.0381567	1.4864	1.4864	0.676111	0.950961	-1.05157	0.43748	1.13956	1.13956	2.11471	0.911198	0.383009	1
cg27631597	IGSF21	0.152511	0.188927	1.43886	1.43886	0.0976527	0.66866	-1.28759	0.430553	1.2253	1.38289	0.0178	1.55892	1.55892	0.0178	1.74334	1.74334	1.74334	1.74334	1.74334	1.74334	1.74334	2.05412	1.50479	1.98382	1.98382	0.0299998	1.90368	1.90368	2.11471	2.56519	0.0299998	1.6667	0.862918	0.915	1.0929	0.84809	0.802539	1
cg06254440	LHX2	0.152515	0.0454708	0.116	-8.62067	0.0510463	0.124093	-8.05849	0.351208	0.406176	-2.46198	0.868246	0.855643	-1.16871	0.0970686	0.180851	-5.52941	0.229616	0.30614	-3.26648	0.0466366	0.117725	-8.49436	0.81478	1.24653	1.24653	0.0804233	0.161868	-6.17786	2.11467	29.5325	12.4138	1
cg04346397	FXRL1;FXRL1;FXR1 CD59;CD59;CD59;CD59;CD59;CD59;CD59;CD	0.152518	0.784965	1.05787	1.05787	0.978572	1.50554	1.50554	0.0102179	1.94653	1.94653	0.614862	0.900908	-1.10999	0.523516	1.14223	1.14223	0.167952	0.739143	-1.35292	0.370746	0.827743	-1.2081	0.278273	0.793029	-1.26099	0.447076	0.852666	-1.1728	2.11465	1.41697	0.595622	1
cg08608126	59;CD59	0.152522	0.257455	0.73139	-1.36726	0.209957	1.41866	1.41866	0.470721	1.21436	1.21436	0.215684	0.719687	-1.38949	0.768612	0.924885	-1.08121	0.610637	1.14559	1.14559	0.0328143	1.93652	1.93652	0.495449	1.20107	1.20107	0.0770388	0.594283	-1.6827	2.11463	2.34639	0.986311	1
cg20976109	GTF2H1;GTF2B1	0.152522	0.157441	1.41145	1.41145	0.0115268	0.44586	-2.2436	0.0155368	0.524953	-1.905	0.938139	0.651895	0.651895	0.106189	0.66146	-1.51209	0.533253	0.633315	1.57899	0.891896	1.10344	1.10344	0.402753	1.13585	1.13585	0.0749419	0.589456	-1.69648	2.11462	11.577	4.86254	1
cg23569180	SRRM4	0.152527	0.509856	0.791242	-1.26384	0.451483	0.30825	-3.30825	0.168626	0.598238	-1.67157	0.377569	0.728252	-1.37315	0.40893	0.743929	-1.34421	0.447061	0.762295	-1.31183	0.03191	0.44159	-2.41202	0.0672545	0.2509	0.2509	-3.98557	0.39189	0.39189	2.11459	4.10828	1.72696	1
cg08224975	SNX8	0.152529	0.664957	0.872517	-1.14647	0.3757	0.75436	-1.32573	0.0262424	0.729011	1.37011	0.0458268	0.62625	-1.59717	0.0411362	0.5625	-1.77827	0.457026	0.75065	-1.33233	0.0560806	0.830203	-1.20452	0.0145957	0.72221	0.72221	0.0467941	0.867941	-1.15286	0.938024	0.9221	0.9396	0.9396	1
cg04016252	IQCK	0.152528	0.0669677	0.99538	0.99538	0.951253	1.02078	1.02078	0.0273637	0.415545	-2.40648	0.410051	0.753198	-1.32767	0.630445	0.849521	-1.17713	0.776927	0.908861	-1.10028	0.835327	0.932367	-1.07254	0.379442	1.35438	1.35438	0.102958	1.82241	1.82241	2.11458	3.7905	1.59338	1
cg00930628	FBLN7;FBLN7	0.152529	0.800664	0.936697	-1.06758	0.309419	0.761934	-1.31245	0.045992	1.80604	1.80604	0.818801	0.940207	-1.0636	0.900874	1.01273	1.01273	0.891688	1.03584	1.03584	0.0316014	0.538854	-1.87317	0.237665	0.726335	-1.37677	0.0984336	0.625972	-1.59752	2.11457	2.2376	0.940602	1
cg18798750	ZC3HAV1L	0.152531	0.864661	0.909242	-1.09984	0.108348	1.37758	1.37758	0.124945	1.34492	1.34492	0.703938	1.06516	1.06516	0.0854388	1.22508	1.22508	0.267647	0.806636	1.23984	0.218153	0.585592	-1.70824	0.0851414	0.488912	-2.04512	0.0891227	0.601202	-1.66312	2.11457	1.2001	0.470811	1
cg20820982	DACT1;DACT1	0.152533	0.121979	0.798065	-1.25303	0.282843	1.16202	1.16202	0.379081	1.12911	1.12911	0.0508535	0.741304	-1.34897	0.194323	0.831298	-1.20294	0.415018	0.893942	1.11864	0.0983149	0.783509	-1.27631	0.309562	1.152	1.152	0.575713	1.07906	1.07906	2.11455	0.606412	0.254916	1
cg19297537	HK1;HK1;HK1;HK1;HK1	0.152538	0.209399	0.71102	-1.40639	0.0788	0.142384	0.71102

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error)
cg00159212	SLC35A3	0.152713	0.574886	1.877718	-1.11396	1.02428897	1.5606	1.5606	0.490252	0.8751165	1.144264	0.947727	0.987994	-1.01256	1.070912	1.15916	1.15916	0.244899	1.26095	1.26095	0.020722	0.604723	-1.65365	0.7116924	0.9331761	-1.07324	0.5383033	1.12595	1.12595	2.11336	1.12333	0.510334	1
cg23514374	ETS1;ETS1;ETS1	0.152716	0.397352	0.614664	-1.62691	0.113377	0.380026	-2.6314	0.56233	0.719664	-1.38954	0.97291	1.01925	1.01925	0.0162724	0.192039	5.20726	0.672887	0.787831	-1.26931	0.181847	0.451201	-2.21631	0.332123	1.75398	1.75398	0.0535106	0.291853	-3.42638	2.11334	10.5557	4.43981	1
cg24535918	RAB38	0.152716	0.804764	1.06119	1.06119	0.36883	1.24776	1.24776	0.125924	0.6722251	-1.48754	0.505383	0.850376	-1.17595	0.0260927	0.530923	-1.83351	0.8527	1.04558	1.04558	0.0828212	1.5851	1.5851	0.476822	1.18944	1.18944	0.340827	0.790251	-1.26542	2.11334	1.925	0.809674	1
cg27354053	VRK3;VRK3;ZNF473;ZNF473	0.15272	0.125192	1.400041	1.40004	0.427717	1.17847	1.17847	0.438474	1.17378	1.17378	0.102312	0.695932	-1.43692	0.653906	1.0958	1.0958	0.118249	1.709011	-1.41041	0.17661	0.747344	-1.13807	0.331551	1.22522	1.22522	0.11668	0.707789	-1.41285	2.11331	1.37591	0.578728	1
cg07732644	ASPA;ASPA	0.152721	0.123737	0.426389	-2.34528	0.211487	0.501094	-1.99563	0.0660498	0.338783	-2.95174	0.821254	0.887999	-1.12613	0.0300116	0.261881	-3.81852	0.189557	0.482186	-2.07389	0.29195	1.77529	1.77529	0.223842	0.511306	-1.95378	0.543964	1.38044	1.38044	2.1333	0.222008	3.87895	1
cg26931220	SFT2D2	0.152721	0.567799	1.64221	1.64221	7	0.0246591	0.0607372	-16.459	0.227484	1.320998	-1.11528	7	7	0.0246591	0.0607372	-16.459	0.449774	1.04965	1.04965	0.952951	1.05137	1.05137	0.323011	0.407115	-2.45631	0.267372	2.79322	2.79322	2.99797	23.1699	4.41629	1
cg20646533	ANKRD33B	0.152722	0.92781	0.979189	-1.02125	0.192683	1.37709	1.37709	0.489917	0.849788	-1.17676	0.359112	1.24463	1.24463	0.0109649	0.476718	-2.09767	0.898518	0.970823	-1.03005	0.118604	0.674909	-1.48168	0.368975	0.807336	-1.23879	0.739706	0.925537	-1.08045	1.1333	1.80269	0.758241	1
cg24161018	PLXNA4	0.152731	0.106593	0.301277	-3.29791	0.0196239	0.19967	-5.00827	0.521462	0.644062	-1.55264	0.998947	0.696058	-1.43666	0.0991478	0.290665	-3.4206	0.341556	0.515027	-1.94355	0.0219051	0.599536	-6.24916	0.0567128	0.232166	-4.30727	0.211464	0.410127	-2.43827	2.11324	15.3426	6.451953	1
cg20523839	CUGBP2;CUGBP2	0.152732	0.0269022	0.0880762	-11.3538	0.0682095	0.150633	-6.63866	0.157483	0.2622268	-3.81377	0.31065	0.378163	-2.64436	0.030373	0.084315	-11.8638	0.34378	0.404032	-2.46955	0.165884	0.253987	-3.9372	0.267219	2.91962	2.91962	0.0187605	0.197606	-5.06057	2.11323	28.7597	12.0972	1
cg06585150	MAP2K7	0.152739	0.593191	1.26544	1.26544	0.00584757	4.83223	4.83223	0.0785235	2.347	2.347	0.87693	0.93458	-1.07	0.893611	0.943257	-1.06016	0.89751	0.945292	-1.05787	0.791885	1.12238	1.12238	0.63737	1.23034	1.23034	0.513144	0.748607	-1.33581	2.11318	6.37903	2.68328	1
cg23730492	PRRSL;PRRSL;PRRSL	0.152742	0.0319326	0.0670534	-14.9255	0.0396134	0.0965	-10.1042	0.0188625	0.14676	-6.81261	0.497275	0.787966	-2.03996	0.302073	0.706215	-1.41628	0.214384	0.14358	-6.96475	0.172626	0.798744	-1.25239	0.145908	0.127182	0.0162759	0.0425559	0.148964	-6.71772	2.11316	2.5115	1.05644	1
cg16539640	CYP1P1	0.152743	0.628018	0.915973	-1.09174	0.0320225	1.57079	1.57079	0.146948	0.755926	-1.32288	0.954508	0.989998	-1.0101	1.18176	1.29021	1.29021	0.84186	1.03656	1.03656	0.947557	1.45193	1.45193	0.278097	0.816486	-1.22476	0.888859	1.02545	1.02545	2.13116	1.08149	0.454926	1
cg17086204	PLA2G5	0.152748	0.285311	1.409109	1.40599	0.105504	0.583008	-1.72115	0.171073	0.639235	-1.56437	0.855813	0.945684	-1.05744	0.0571883	0.516524	-1.93602	0.234256	1.46045	1.46045	0.045424	0.494333	-2.02293	0.764846	0.912008	-1.09648	0.718148	0.81468	-1.11772	2.11312	3.15502	1.32716	1
cg21467850	ICA1L	0.152748	0.87166	0.946702	-1.0563	0.701614	0.877731	-1.1393	0.4938553	0.432031	-2.31465	0.315203	0.703407	-1.42165	0.123045	0.808303	-1.23705	0.0220743	0.394575	-2.53437	0.736133	1.1214	1.1214	0.647344	1.16886	1.16886	0.114969	0.559541	-1.78718	2.11312	3.84075	1.61562	1
cg11593457	OPRK1	0.152749	0.0360767	0.256012	-3.90607	0.0597088	0.304955	-3.27917	0.319585	0.56278	-1.77689	0.0498892	0.286513	-3.49024	0.119466	0.388949	-2.57103	0.316523	0.560593	-1.78383	0.688923	1.25221	1.25221	0.9269	1.05263	1.05263	0.0978349	0.362739	-2.75954	2.11312	10.4545	4.3977	1
cg03115019	FN3K	0.152751	0.576898	1.5369	1.5369	0.0190501	0.69752	0.69752	0.0243786	1.773351	1.773351	0.423314	1.88557	1.885557	0.188564	2.89283	2.89283	0.550128	1.58567	1.58567	0.0963966	4.02254	4.02254	0.162565	3.11666	3.11666	0.133803	3.43388	3.43388	2.11315	16.4574	8.18483	1
cg09259179	ILDR2	0.152753	0.133603	0.534897	-1.86952	0.0696732	0.456328	-2.19141	0.0162141	0.320742	-3.11777	0.574054	0.802819	-1.24561	0.433671	0.734221	-1.36199	0.0611445	0.442203	-2.2614	0.588911	0.809783	-1.2349	0.260779	0.635364	-1.5739	0.503314	1.30038	1.30038	2.13109	5.004651	2.10525	1
cg06362426	PSMG4;PSMG4;PSMG4	0.152754	0.241444	0.408208	-2.44973	0.31841	0.76691	-1.31885	0.0275672	0.478386	-2.09036	0.960278	0.914935	1.09323	0.34023	0.739904	-1.35153	0.271814	1.13917	1.13917	0.196911	0.758785	-1.3179	0.558429	0.934811	-1.06973	0.863875	0.980938	-1.01944	2.1308	0.434249	0.182671	1
cg04077145	MYH9	0.152754	0.0114114	0.408208	-2.44973	0.31841	0.76691	-1.31885	0.0275672	0.478386	-2.09036	0.960278	0.914935	1.09323	0.34023	0.739904	-1.35153	0.769119	0.930083	-1.08586	0.170554	0.661675	-1.51132	0.623987	0.860523	-1.15006	0.696506	0.879536	-1.47259	2.1308	2.679861	1.132731	1
cg10916625	B4GALT5	0.152755	0.639121	0.846774	-1.18095	0.166441	1.68131	1.68131	0.361028	1.39189	1.39189	0.960549	0.982732	-1.01757	0.0338551	0.417941	-2.39268	0.354293	0.714916	-1.39877	0.0300028	0.407	-2.457	0.916774	0.96386	-1.0375	0.783881	1.10166	1.10166	2.13108	4.15012	1.7458	1
cg13640225	DOCK1;FAM196A	0.152756	0.976746	0.991337	-1.00874	0.160967	0.42309	-2.36353	0.155424	0.745358	0.90071	-1.10217	0.265263	1.41713	1.417013	0.415489	1.39107	0.0560081	0.74716	1.33846	0.0093121	2.68206	2.68206	0.616032	1.12594	1.12594	0.715633	0.896511	-1.11541	2.11307	2.982511	1.25463	1
cg25926572	INPP5D;INPP5D	0.152756	0.630003	0.747013	-1.33866	0.0728879	0.30053	-3.32746	0.0520597	0.265005	-3.77351	0.527429	0.46924	1.464927	0.164977	0.489407	2.043167	0.92513	0.945084	-1.05811	0.286358	0.514115	-1.94509	0.126485	0.270027	0.270027	0.579987	0.39919	1.399119	2.13107	12.0843	5.08343	1
cg26383564	SGCE;SGCE;PEG10;SGCE;PEG10	0.152757	0.0662202	0.172092	-2.58975	0.0351234	0.851078	-1.17498	0.0938758	0.34756	-2.87535	0.155006	0.302752	1.045135	0.875396	0.973534	1.46345	0.425593	0.244056	4.09739	0.0178552	0.248794	4.01938	0.0878583	0.302464	-3.30638	0.474672	0.705511	1.417961	2.13096	0.9	0.412599	1
cg01613638	FLJ43390	0.152759	0.28145	1.84749	1.84749	0.798878	0.869351	-1.15028	0.562718	1.37837	1.37837	0.0636731	1.31692	1.31692	0.837317	0.893383	1.11934	0.44613	1.53089	1.53089	0.0132761	0.185883	-5.37974	0.726697	2.21218	1.21218	0.951855	1.03366	1.03366	2.13105	10.063	4.23316	1
cg07810162	CAPN12	0.152759	0.367913	0.900645	-1.11032	0.492661	1.17918	1.27918	0.51513	0.791852	-1.26286	0.831298	1.07836	1.07836	0.0313127	0.409352	2.44288	0.826157	0.925166	-1.08089	0.0172284	0.358187	-2.79028	0.588282	1.2132	1.2132	0.151742	0.580971	-1.72126	2.11305	4.18459	1.76032	1
cg00739457	GRTP1	0.152776	0.6303328	1.0556	1.0556	0.0192881	0.910388	1.22122	0.0237897	1.739944	1.55145	0.0108381	1.02697	1.026971	0.0159377	1.14082	1.14082	0.0257709	1.40546	1.40546	0.0139705	1.24005	1.24005	0.394335	1.02007	1.02007	0.795493	0.961926	-1.03958	2.1305	0.747481	0.314441	1
cg01204311	TOMM20	0.15276	0.0447483	1.37686	1.37686	0.490573	0.907374	-1.10208	0.224976	0.837861	-1.19352	0.127475	1.2233	1.2233	0.158021	1.23307	1.23307	0.12365	1.26045	1.26045	0.0695226	1.3255	1.3255	0.3076	1.15789	1.15789	0.822391	1.0317	1.0317	2.13104	0.644785	0.271241	1
cg12993740	SPRS12;SPRS12	0.152763	0.671466	0.94738	-1.05459	0.153557	1.12514	1.12514	0.288106	1.0178	1.0178	0.937573	1.08899	1.088991	0.0196668	1.29764	1.29764	0.924833	1.01203	1.01203	0.813205	1.1263	1.1263	0.0976502	1.12097	1.12097	0.173391	1.19916	1.19916	2.13104	0.553734	0.229972	1
cg05492532	INPP5A	0.152762	0.16202	0.474254	-2.10858	0.00829583	0.185211	-5.39924	0.333056	1.64692	1.64692	0.850336	0.909934	-1.09898	0.142491	0.540127	-1.85025	0.571806	1.3304	1.3304	0.170302	0.482057	-2.07444	0.615077	0.77621	-1.28831	0.296372	0.582166	-1.71772	2.11303	0.35494	3.51467	1
cg09755773	CBFA2T3;CBFA2T3	0.152764	0.721009	0.933963	-1.07071	0.75474	1.06152	1.06152	0.259	0.799024	-1.25153	0.960824	0.991931	-1.00813	0.0141906	0.56188	-1.77974	0.638756	1.09427	1.09427	0.0520502	1.5236	1.5236	0.511003	0.88072	-1.13544	0.906342	1.02268	1.02268	2.113	1.21473	0.511008	1
cg10841097	ABCC2	0.152765	0.4725241	0.806942	-1.23925	0.56903	0.544539	-1.8408	0.0340479	0.476438	-2.10962	0.817898	0.934533	-1.07005	0.111984	0.601656	-1.66208	0.0154647	0.417986	-2.39242	0.86982	1.04933	1.04933	0.956566	1.01612	1.01612	0.135611	0.623652	-1.60346	2.1298	2.883917	1.21323	1
cg24557619	ZBTB17	0.15277	0.797627	0.941147	-1.06253	0.252961	1.32558	1.32558	0.0828981	0.635541	-1.57346	0.547733	1.15442	1.15442	0.145948	0.691787	-1.44553	0.195751	0.723996	-1.38122	0.106916	1.51509	1.51509	0.181859	1.10792	1.05792	0.084566	0.637416	-1.56883	2.11297	1.86473	0.784456	1
cg25754485	ZBTB47	0.15277	0.65035	0.815497	-1.22615	0.0705128	0.54023	-1.85067	0.0158578	0.314498	-3.18048	0.0403	0.245603	2.035403	0.0124533	0.464393	2.15348	0.883314	0.753606	-1.32695	0.146612	0.644719	-1.55106	0.111603	0.483114	-2.06999	0.444121	0.703353	1.421276	2.11295	6.080139	2.56247	1
cg04730850	PXMP4;PXMP4	0.152777	0.0201288	0.215498	-4.64042	0.0865254	0.354648	-2.81969	0.0692122	0.328564	-3.04355	0.572744	0.731957	-1.3662	0.270819	1.87329	1.87329	0.226361	0.498832	-2.00468	0.214031	0.488569	-2.0468	0.334198	0.579663	-1.72514	0.372519	0.605638	-1.65115	2.11293	10.0311	4.21997	1
cg09061993	TRAF5;TRAF5	0.152777	0.992658	0.997441	-1.00257	0.639496	0.876916	-1.14036	0.0338675	0.501749	-1.99305	0.578128	0.855213	-1.1693	0.425734	1.25414	1.25414	0.793156	0.92945	-1.07591	0.137156	1.56167	1.56167	0.0255237	0.477657	-2.09355	0.920577	0.972616	-1.02816	2.11293	2.59384	1.0912	1
cg20184247	LOC404266;LOC404266	0.152779	0.553154	1.22437	1.22437	0.843072	1.07009	1.07009	0.0594081	2.05038	2.05038	0.0738174	1.95893	1.95893	0.791358	1.09359	1.09359	0.20613	1.56829	1.56829	0.0146352	2.75738	2.75738	0.196227	1.58584	1.58584	0.0911506	1.873556	1.873556	2.11292	3.80998	1.60283	1
cg11222440	TTC7A	0.152782	0.149682	1.24546	1.24546	0.411	0.68568	-1.6541	0.0969823	0.532712	-1.87745	0.364	0.278722	-1.28416	0.270917	0.923193	-1.0832	0.0704228	0.597003	1.67485	0.0486813	0.85116	-1.17467	0.8291	1.70908	1.70908	0.0472007	0.85116	-1.17467	2.1291	1.7409	0.732415	1
cg09631415	CDH11;TMEM189;TMEM189;TMEM189;TMEM	0.15278	0.983999	0.986434	-1.01375	0.497989	0.625885	-1.59774	0.205074	0.402247	-2.48604	0.13761	2.97154	2.97154	0.533332	0.650687	1.53684	0.201358	2.50688	2.50688	0.98779	1.01135	1.01135	0.0179009	7.09909	7.09909	0.19178	2.56308	2.56308	2.11291	15.5245	6.53108	1
cg23322432	189-UBE2V1;SNORD27;SLC3A2;SLC3A2;SNORD28;SLC3A2;SNORD26;SLC3A2;SLC3A2;SNORD2	0.152782	0.0374251	0.710723	-1.40702	0.857259	1.02607	1.02607	0.301165	0.859439	-1.16355	0.247073	1.18665	1.18665	0.610699	0.929979	-1.07529	0.527649	1.0947	1.0947	0.0339055	0.704573	-1.4193	0.338441	0.869773	-1.14973	0.349211	1.14598	1.14598	2.1129	0.669031	0.281459	1
cg13866129	A2;SNHG1	0.152782	0.446448	1.13552	1.13552	0.234023	0.815202	-1.22669	0.172683	0.788457	-1.2683	0.824553	1.03701	1.03703	0.888797	1.02318	1.02318	0.893075	0.978216	-1.02227	0.0207348	0.633791	-1.57781	0.218103	1.23636	1.23636	0.145715	1.29152	1.29152	2.1129	0.897544	0.377594	1
cg04167760	CAMK4	0.152785	0.159263	1.584299	1.584299	0.534049	0.880416	-1.79139	0.0170351	0.388504	1.854084	0.102598	0.597653	1.673284	0.0249718	0.601656	-1.66208	0.968943	1.01158	1.01158	0.664249	1.14697	1.14697	0.0662495	1.12611	1.12611	0.0156475	1.55307	1.55307	2.11288	3.14108	1.31725	1
cg19758918	TRAF3IP1;TRAF3IP1	0.15279	0.0850723	0.590115	-1.69458	0.393086	1.27424	1.27424	0.467231	0.818376	-1.22193	0.563918	0.92978	-1.08604	0.0119475	0.419427	2.3842	0.205238	0.650572	-1.53707	0.0613408	0.864145	-1.15721	0.442729	0.805087	-1.2421	0.0757765	0.578399	-1.72891	2.11285	2.56784	1.08031	1
cg04292159	MATR3;MATR3	0.15279	0.410219	0.729394	-1.371	0.221596	1.6183	1.6183	0.0191892	2.89121	2.89121	0.321511	0.681304	-1.46777	0.0421857	2.40363	2.40363	0.767199	1.12065	1.12065	0.791906	0.905675	-1.10415	0.426753	1.35534	1.35534	0.981561	1.0087	1.0087	2.11283	0.643711	0.49771	1.97637	1
cg04427852	MMU	0.152793	0.276201	0.705483	-1.41744	0.0497497	1.18597	1.18597	0.139871	1.23784	1.23784	0.609852	0.897504	-1.11403	0.0048918	0.557207	1.79382	0.0926177	0.752107	-1.32944	0.904694	0.970776	-1.0301	0.599996	0.877737	-1.14001	0.702019	1.09986	1.09986	2.11282	0.863145	0.345	1
cg19408831	UFD1L;CDC45L;UFD1L	0.152795	0.0178035	0.467108	-2.14083	0.127668	0.40992	-2.43966	0.0100902	0.250672	3.97218	0.0550458	0.562846	-1.77668	0.462926	1.21825	1.21825	0.355579	0.777964	-1.28541	0.411441	0.801394	-1.24783	0.261248	0.733775	-1.36282	0.41426	0.802115	-1.2467	2.1128	2.33585	0.982731	1
cg17705056	PQLC1;PQLC1;PQLC1	0.152797	0.958622	1.0414	1.0414	0.703237	1.10879	1.10879	0.316281	1.31998	1.31998	0.974712	0.991543	-1.00853	0.978265	0.992778	-1.00723	0.184484	0.787638	-1.26954	0.254267	0.43795	1.3755	1.3755	0.0810778	0.242962	2.429962	0.0597858	1.76665	1.76665	2.1128	2.40284	1.01058	1
cg01627597	KCNK3	0.152797	0.06100802	0.413162	-2.41502	0.927807	0.96445	-1.04167	0.0239254	0.613377	-1.63032	0.0439566	0.398231	-2.51013	0.0694251	0.155505	-6.42695	0.615906	0.417778	-2.39321	0.0492935	0.966962	-1.04104	0.157251	0.629853	-1.58753	0.0478957	0.628924	-1.59019	2.11281	0.629853	0.242979	1
cg06191260	MAP4	0.152799	0.0617661	0.214564	-4.66062	0.288642	0.23871	-4.18735	0.182773	0.160444	-6.23511	0.522712	0.660444	-1.51464	0.082352	0.244657	-4.08735	0.172879	0.355416	-2.8136	0.0256	0.264627	-3.42715	-2.3411	0.0602882	0.212215	-4.71225	0.289341	0.447246	-2.2359	0.147144	0.320404	-3.12106	2.11279	17.9107	7.53537	1
cg00599444	BMP1;BMP1;BMP1	0.152801	0.369894	0.7124	-1.40371	0.39124	0.985793	-1.01441	0.0645371	0.731493	-1.36738	0.689525	1.04676	1.046756	0.0276375	0.622133	1.60808	0.0548345	1.408	1.408	0.0122611	1.34369	1.34369	0.358112	0.846545	-1.18127	0.0788955	0.708755	-1.41082	2.11277	1.28617	0.493645	1
cg02700479	MIR527	0.152805	0.361297	0.83195	-1.20199	0.0627992	0.663363	-1.50747	0.204599	0.769172	-1.3001	0.464634	0.864237	-1.15709	0.0248949	0.592519	-1.68771	0.718992	0.931613	-1.07341	0.843998	1.03938	1.03938	0.0229131	0.586496	-1.70504	0.208192	0.770938	-1.29712	2.11274	1.28617	0.541125	1
cg27229100	199	0.152807	0.358009	1.53299	1.53299	0.862577	1.07916	1.07916	0.216551	1.7999	1.7999	0.229637	0.565685	-1.76777	0.080622	2.40073	2.40073	0.120905	1.23867	1.23867	0.0597235	0.382775	-2.6125	0.971237	0.983836	-1.01643	0.349607	0.647147	-1.54524	2.11273	0.83551	2.8759	1
cg20348765	CCDC85A	0.152808	0.0772847	0.364399	-2.74425	0.789387	0.871446	-1.14752	0.1192	0.419316	-2.38484	0.266223	0.551325	-1.81381	0.0217256	0.242661	-4.12098	0.119396	0.419542	-2.38155	0.0448212	0.30615	-3.26637	0.996676	1.00214	1.00214	0.197244	0.496277	-2.01501	2.11272	8.83962	3.71911	1
cg05609229	FAT3	0.152813	0.757512	1.12466	1.12466	0.308398	0.814648	-1.22794	0.0883968	0.643	1.55509	0.0763724	0.749273	1.334653	0.0240316	0.577203	-1.73255	0.840602	1.03525	1.03525	0.425485	0.82911	1.82011	0.0166096	0.797	1.4797	0.0354811	0.956054	-1.04488	2.1269	0.25725	0.848735	1
cg11646294	PHLB1	0.152814	0.148306	0.675476	-1.48044	0.826118	1.0448	1.0448	0.0256663	0.511398	-1.95542	0.765752	0.961186	-1.04038	0.0219545	0.498856	-2.00459	0.327685	0.774417	-1.29129	0.67525	1.11644	1.11644	0.611224	1.1385	1.1385	0.290599	0.757675	-1.31983	2.11268	2.14213	0.901278	1
cg11338003	HNRNPA1;HNRPA1L-2;HNRNPA1;CBX5	0.152816	0.776145	0.931938	-1.07303	0.0194129	2.01133	2.01133	0.0286307	1.89347	1.89347	0.502602	0.84516	-1.18321	0.410249	1.23148	1.23148	0.101654	1.5575	1.5575	0.558149	1.15769	1.15769	0.536504	1.16738	1.16738	0.325608	1.28526	1.28526	2.11267	2.04561	0.860675	1
cg26509146	NDRP2;NDRP2	0.15282	0.241985	0.766593	-1.30447	0.414992	0.833379	-1.19993	0.484606	0.85714	-1.16667	0.707506	0.88525	1.08525	0.0754202	0.651	-1.5361	0.0815615	0.657715	-1.52042	0.0086484	0.482101	-2.07425	0.811818	0.94955	-1.05313	0.535182	0.872579	-1.14603	2.11264	1.57622	0.663193	1
cg22103978	BRF1;BRF1	0.152817	0.2316027	0.568268	-1.7607	0.38858	0.964026	-1.04165	0.0137711	0.352458	2.841445	0.1631	0.641351	1.561052	0.0144255	0.37092	-2.69591	0.54311	1.4684	1.4684	0.0156236	1.74748	1.74748	0.0935666	0.979411	-1.72589	0.0187337	0.710141	0.020182	2.48659	2.21594	0.935683	1
cg01446270	P1	0.152825	0.355753	0.562256	-1.77855	0.048738	0.255533	-3.91339	0.0377827	0.232173	-4.30713	0.791023	0.851311	-1.17466	0.228647	0.464944	-2.1508	0.658034	0.763367	-1.30999	0.0220442	0.189292	-5.28283	0.0835289	0.313152	-3.19333	0.625544	0.742216	-1.34732	2.11261	12.2934	5.1725	1
cg17467557	ZNF341	0.152826	0.084735	1.66157	1.664157	0.474215	1.2139	1.2139	0.542862	0.848705	-1.17827	0.615384	0.813688	-1.14457	0.678847	1.11723	1.11723	0.659847	1.2152	1.2152	0.0135723	2.25573	2.25573	0.0696351	1.71674	1.71674	0.211605	1.41976	1.41976	2.1126	2.37338	0.99861	1
cg04413090	SIK1	0.152827	0.0365445	0.303661	-3.29315	0.143033	2.16425	2.16425	0.931693	0.958821	-1.04295	0.780801	1.14664	1.14664	0.0714021	0.372455	-2.68488	0.942791	0.965409	-1.03583	0.137553	0.456378	-2.19117	0.639056	0.793173	-1.26076	0.102464	0.416228	-2.40253	2.1126	8.05008	3.38711	1
cg03892587	CCDC28B;CCDC28B	0.152827	0.0184317	0.327582	-3.05268	0.0218435	1.09537	1.09537	0.0720547	1.20177	1.20177	0.55679	1.03667	1.036667	0.0552532	0.54582	-1.83207	0.0690936	1.0454	1.0454	0.0589713	1.00752	1.00752	0.0476622	1.25164	1.25164	0.871708	1.01615	1.01615	2.11256	0.823638	0.332879	1
cg13731828	TRAF2	0.152833	0.959637	1.01009	1.01009	0.12677	1.38756	1.38756	0.383154	1.19405	1.19405	0.71494	1.07546	1.075461	0.00602697	2.03713	2.03713	0.875073	0.96928	-1.03169	0.50873	0.875554	-1.14213	0.176525	1.32967	1.32967	0.768751	1.06021	1.06021	2.11256	1.31588	0.553676	1
cg15874642	EGFL8	0.152836

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg18527537	HIPK2;HIPK3;HIPK3;HIPK3	0.152998	0.0193803	0.67344	1.56975	1.149048	0.76306	-1.27991	0.822737	0.964847	-1.03643	0.792317	0.04298	1.044785	0.675251	-1.44393	0.578621	0.914407	-1.09361	0.706606	0.941472	-1.06217	0.997482	0.999497	-1.0005	0.190247	1.24777	2.11147	0.8506629	0.358099	1
cg13443575	SLFN13	0.153	0.0714777	7.0999	7.0999	6.85727	1.19161	1.19161	0.0441827	9.81194	9.81194	0.6301617	1.603891	1.603891	0.609	1.199208	0.266884	-3.74695	0.83941	0.820708	-1.21846	0.389279	0.423523	-2.36115	0.0714633	7.10077	7.10077	0.258918	0.14869	3.14869	2.11145	31.7106	13.3497	1
cg26751440	TRAP1	0.153001	0.134881	1.50254	1.50254	0.679004	0.900221	-1.11084	0.920654	0.975146	-1.02549	0.21642	1.38899	1.38899	0.217442	1.38787	1.38787	0.427156	0.8148122	-1.22728	0.0125487	2.19082	2.19082	0.344275	0.78186	-1.279	0.5007558	1.18843	1.18843	2.11145	2.13373	0.8982711	0
cg16643894	LOC100134713;NDUFB2	0.153001	0.0153232	0.297098	-3.36363	0.461683	0.736803	-1.35713	0.54546	1.28318	1.28318	0.697206	1.17274	1.17274	0.0733651	0.443237	-2.25613	0.603697	1.23792	1.23792	0.908751	1.04783	1.04783	0.398855	1.42188	1.42188	0.267496	1.60118	1.60118	2.11144	5.55358	2.33798	1
cg07893471	HDAC4	0.153006	0.32303	0.798253	-1.25274	0.196306	1.35203	1.35203	0.19675	0.739877	-1.35158	0.467163	1.17742	1.17742	0.367904	0.81533	-1.2265	0.0320081	1.74123	1.74123	0.175318	1.37459	1.37459	0.244423	0.76429	-1.3084	0.620539	1.11646	1.11646	2.11141	1.62947	0.685995	1
cg21862211	ZFYVE26	0.153008	0.0563183	1.50827	1.50827	0.430218	0.858035	-1.16545	0.543797	0.889722	-1.12395	0.8813625	0.144393	1.44393	0.456695	1.1505	-1.2665	0.621012	0.909582	-1.09941	0.205148	0.775534	-1.28943	0.0823058	0.693303	-1.44237	0.575496	1.11358	1.11358	2.1114	1.20917	0.509057	1
cg04146982	EPPK1 ZNF160;ZNF160;ZNF160;ZNF160;ZNF16	0.153008	0.113148	0.430713	-2.32173	0.216599	0.529826	-1.88741	0.0280555	0.281506	-3.55233	0.715397	0.83619	-1.1959	0.0569584	0.349103	-2.86449	0.199501	0.515702	-1.93911	0.0476307	0.930665	-3.02421	0.21521	0.528702	-1.89142	0.0820869	0.390191	-2.56285	0.1114	7.98121	3.36005	1
cg12586262	0ZNF160	0.15301	0.182603	1.03104	1.03104	1.486427	1.37777	1.37777	0.0419076	1.62425	1.62425	0.989488	0.997278	-1.00273	0.146603	1.38032	1.38032	0.33685	0.814776	-1.22733	0.111007	0.698251	-1.43215	0.226101	0.768784	-1.30076	0.670456	0.91526	-1.09259	0.11139	1.43103	0.602459	1
cg14294250	HIC1	0.15301	0.27834	1.20983	1.20983	0.667639	1.07572	1.07572	0.0183235	1.62214	1.62214	0.358084	1.17315	1.17315	0.908445	0.980748	-1.01963	0.746233	1.0564	1.0564	0.0189981	1.61587	1.61587	0.0872472	1.37583	1.37583	0.641867	1.08236	1.08236	2.11139	0.95482	0.401977	1
cg21459340	CPXM1	0.153001	0.914001	0.61989	1.61289	1.614001	1.14422	1.14422	0.658499	0.955251	-1.04986	0.8508458	1.2755	1.2755	0.140124	0.840121	-1.19061	0.532692	1.07157	1.07157	0.0344767	0.964008	1.03889	0.944621	1.08703	1.08703	0.980729	0.997361	1.02065	1.02065	2.11138	0.840098	0.168441	1
cg09936348	HECW1	0.153011	0.559374	0.760672	-1.31463	0.480589	0.717308	-1.3941	0.40878	0.676042	-1.4792	0.956363	0.367427	-2.72163	0.0475241	2.85855	2.85855	0.238835	1.17119	1.77119	0.12378	0.460783	-2.17022	0.947031	1.02965	1.02965	0.328888	0.626908	-1.59513	0.11138	7.18045	3.02296	1
cg04916415	TGFBR2;TGFBR2	0.153013	0.34309	0.761164	-1.42622	0.862323	0.938859	-1.06512	0.0940627	1.95253	1.95253	0.511886	0.785215	-1.27354	0.625328	1.59587	1.59587	0.770324	1.29816	1.29816	0.0563173	2.19515	2.19515	0.0308196	2.51381	2.51381	0.313211	1.46103	1.46103	2.11138	4.41778	1.85988	1
cg25791225	LOC649395	0.153013	0.160705	0.327364	-3.05471	0.0548613	0.197351	-5.06712	0.307337	0.454958	-2.19801	0.186943	0.352571	-2.83631	0.0305207	0.150394	-6.64922	0.915717	1.08209	1.08209	0.0234288	0.132934	-7.52255	0.431452	0.549691	-1.8192	0.292095	0.442797	-2.25837	0.11137	18.5728	7.8192	1
cg16217553	IPW	0.153016	0.324923	0.693554	-1.44185	0.854234	0.935941	-1.06844	0.279622	1.49872	1.49872	0.594363	0.824084	-1.21347	0.74444	0.888904	-1.12498	0.397287	0.731974	-1.36617	0.344568	0.622588	-1.6062	0.027535	2.55547	2.55547	0.0809443	0.498271	-2.00694	0.11135	4.33314	1.82428	1
ch.13.1085822HLF12	HLF	0.153017	0.109577	1.03458	1.22105	0.0318472	0.107874	-2.253	0.253684	0.451866	-2.21304	0.0324737	0.186051	-3.35758	0.17412	0.635965	-1.57304	0.640112	0.729255	-1.37126	0.105489	0.305491	-3.27342	0.215544	0.440926	-2.39851	0.479273	0.617398	-1.6197	0.11134	15.0333	5.32912	1
ch.13406085	ABCD2	0.153017	0.0318777	3.30131	3.30131	1.1266	2.1919	2.1919	0.799111	0.885938	-1.12875	0.374959	0.648917	-1.54103	0.75595	0.862381	-1.15958	0.356715	0.637524	-1.56857	0.560073	0.755908	-1.32291	0.0480424	2.92471	2.92471	0.68415	0.823467	-1.21438	0.11134	7.54132	3.17495	1
cg05110225	SUMF2;SUMF2;SUMF2;SUMF2;SUMF2	0.153021	0.181286	1.80417	1.80417	0.0928753	2.16598	2.16598	0.26749	1.62072	1.62072	0.0100358	1.89029	1.89029	0.258605	1.63676	1.63676	0.182057	1.80773	1.80773	0.196175	1.25051	1.25051	0.0593185	2.43494	2.43494	0.190466	1.78524	1.78524	2.11131	5.84208	2.45996	1
cg27127145	WDR1;WDR1	0.153022	0.42792	1.8670116	-1.15338	0.18144	1.28418	1.28418	0.18484	0.823044	-1.63945	0.166117	1.29739	1.29739	0.721517	0.86513	-1.15598	0.029108	0.635463	-1.57356	0.165559	1.36436	1.36436	0.483517	1.13376	1.13376	0.919822	1.01791	1.01791	2.11131	1.03942	0.437609	1
cg15720547	FADD	0.153023	0.689666	0.965822	-1.03539	0.0965756	0.853799	-1.17124	0.0466233	1.21824	1.21824	0.277631	0.906812	-1.10276	0.291403	1.0995	1.0995	0.777272	0.975728	-1.02488	0.199388	0.889162	-1.12465	0.148736	1.1436	1.1436	0.439114	1.07076	1.07076	2.1113	0.2510008	0.105678	1
cg02091533	LRFN3	0.153025	0.717484	0.918356	-1.0899	0.240505	1.18435	1.18435	0.203312	1.28891	1.28891	0.520275	0.882836	-1.13305	0.0312109	0.5529	1.80865	0.413035	0.82188	-1.21672	0.380246	1.23488	1.23488	0.0359356	1.7218	1.7218	0.965123	0.989803	1.0103	1.0103	2.11128	1.83715	0.773475	1
cg19632366	PIR19	0.153026	0.465569	0.930312	-1.07491	0.597322	1.05322	1.05322	0.94952	1.00674	1.00674	0.117843	0.84773	-1.17962	0.00943844	0.726135	-1.37715	0.558433	0.94063	-1.06325	0.285721	1.11388	1.11388	0.596968	0.949418	-1.05328	0.177121	0.869758	-1.14974	0.11128	0.316379	0.133201	1
cg20484619	ZNF789;ZNF789	0.153027	0.4934407	0.830077	-1.20473	0.165647	0.959159	-1.04253	0.438108	0.899862	-1.11234	0.189763	0.76203	-1.31539	0.0921458	0.7994	-1.25081	0.781689	0.973361	-1.02725	0.816796	1.24393	1.24393	0.0802539	1.42715	1.42715	0.0600567	1.36467	1.36467	2.11127	2.1935	0.926304	1
cg13232862	LRRC49;LRRC49;THAP10	0.1503	0.732119	0.964445	-1.03687	0.954944	0.994065	-1.00597	0.275481	1.12697	1.12697	0.182594	0.861548	-1.1607	0.732437	0.964489	-1.03682	0.781689	0.971156	-1.0297	0.447286	0.921635	-1.08503	0.216392	1.14689	1.14689	0.0101651	1.40708	1.40708	2.11125	0.371176	0.156274	1
cg13731155	LRPAP1	0.153032	0.880406	1.07245	1.07245	0.278388	0.59236	-1.68816	0.137935	0.476088	-2.10045	0.63178	0.799063	-1.25147	0.0186702	0.26594	-3.76025	0.195923	0.529738	-1.88773	0.297628	1.6514	1.6514	0.191568	1.90091	1.90091	0.798442	1.12624	1.12624	2.11124	7.21712	3.03861	1
cg09001540	SLC15A4	0.153034	0.2362171	1.90702	1.90702	0.344421	2.51736	2.51736	0.7220973	1.20412	1.20412	0.162066	1.27371	1.27371	0.393442	1.57563	1.57563	0.640112	0.729255	-1.37126	0.105489	0.305491	-3.27342	0.215544	0.440926	-2.39851	0.479273	0.617398	-1.6197	0.11134	15.0333	5.32912	1
cg06918645	CYB561;CYB561;CYB561	0.153043	0.0684454	1.8198	1.8198	0.256187	1.41606	1.41606	0.916374	1.03131	1.03131	0.283629	1.38674	1.38674	0.0434342	0.484553	-2.06376	0.336002	1.33801	1.33801	0.515895	0.825749	-1.21102	0.311623	0.735472	-1.35967	0.426392	0.787904	-1.26919	0.21117	2.88053	1.21282	1
cg27396824	ZAN;ZAN	0.153043	0.490334	0.726535	-1.3802	0.202235	0.656734	-1.52261	0.488355	0.723754	-1.38169	0.4656518	0.710756	-1.40703	0.0635944	0.638322	-1.56558	0.175572	0.615565	-1.62502	0.0064287	0.707227	-1.41407	0.0211317	0.448472	-2.07153	0.0449472	0.607104	-1.64741	0.11137	7.0717	2.97748	1
cg04338134	FAM96B;CES2;FAM96B;CES2	0.153045	0.363746	1.63689	1.63689	0.2617902	1.82606	1.82606	0.42606	0.426506	0.104679	2.55062	2.55062	0.265485	1.84534	1.84534	0.248208	1.11106	1.11106	0.248118	0.52863	1.89168	0.919985	0.108251	1.94598	1.94598	0.0349025	1.65882	1.65882	2.11116	3.3205	3.92434	1
cg08162294	TMEM9	0.153045	0.30869	0.805517	-1.24144	0.2000884	0.562313	-1.77837	0.732394	0.931968	-1.073	0.243791	1.28445	1.28445	0.449822	1.17125	1.17125	0.634648	0.906462	-1.10319	0.0693547	1.51746	1.51746	0.562253	0.88668	-1.1278	0.540418	0.880541	-1.13567	0.11116	1.40887	0.593196	1
cg03254162	SEMA5A	0.153047	0.5227353	0.612186	-1.63344	0.0120258	0.351821	-2.84254	0.0175	0.150002	-6.66658	0.2675095	0.199199	-5.01923	0.0144822	0.198886	-5.02793	0.209032	0.36572	-2.72604	0.54636	0.99886	-2.74703	0.54636	0.99886	-2.74703	0.54636	0.99886	-2.74703

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1-vs-1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1-vs-1637 vs. N)	F(Error
cg24171871	INPP5A	0.153261	0.168494	1.54831	0.73962	1.01046	0.10446	1.09647	0.58060	-1.72235	0.44760	1.25933	0.29103	1.06077	0.53273	-1.87709	0.54816	1.08945	0.19845	0.44722	0.28011	1.08211	0.00023	0.57337	-1.74406	0.35958	1.32438	1.03973	0.96551	1.24945	1
cg22149154	SETMAR;SETMAR	0.153263	0.568357	1.09123	1.09123	0.01007561	0.61554	-1.62459	0.94917	1.00063	1.00063	0.241652	1.20391	1.20391	0.367071	0.869094	1.15062	0.151407	0.792342	-1.26208	0.466379	0.893832	-1.11878	0.363944	1.15174	1.15174	0.629355	0.929007	-1.07642	1.009771	0.766113	0.322788	1
cg03352428	VSIG10L	0.153265	0.448577	1.10917	1.10917	0.201915	1.19815	1.19815	0.117379	1.25631	1.25631	0.235475	0.846361	-1.18153	0.0203095	0.687058	-1.45548	0.675598	1.05769	1.05769	0.487359	0.909675	-1.09929	0.656019	1.06199	1.06199	0.471249	0.906357	-1.10332	1.0097	0.601409	0.253394	1
cg02802924	ATP5O;ATP5O	0.153265	0.792265	0.961658	-1.03987	0.352605	1.15237	1.15237	0.170574	0.805639	-1.24125	0.889037	1.02089	1.02089	0.304767	0.854165	-1.1705	0.888104	0.756097	-1.32153	0.0237578	0.676459	-1.49152	0.941266	0.989144	-1.01098	0.159375	1.24952	1.24952	1.0097	0.733165	0.308821	1
cg02685680	SLC6A19	0.153271	0.220198	0.730602	-1.36873	0.0224837	0.513954	-1.9457	0.975934	0.992681	-1.00737	0.99731	1.00082	1.00082	0.19124	0.779457	-1.28294	0.13495	1.48055	1.48055	0.124744	0.19487	1.49887	0.630044	0.12544	1.12544	0.582492	1.14476	1.14476	1.02666	0.198113	0.834734	1
cg06332269	CDH17;CDH17	0.153271	0.593719	0.923252	-1.08313	0.0987733	0.764565	-1.38793	0.765442	1.04537	1.04537	0.0494188	0.717097	-1.39451	0.644545	1.07133	1.07133	0.102718	1.30315	1.30315	0.0783132	1.3365	1.3365	0.860948	1.02518	1.02518	0.722376	1.05328	1.05328	1.02666	0.734865	0.30963	1
cg14962509	TFAP2E	0.153272	0.0907395	3.75529	3.75529	0.0966249	3.65132	3.65132	0.169668	2.82543	2.82543	0.292814	2.17035	2.17035	0.113544	3.39603	3.39603	0.200629	2.61112	2.61112	0.0266083	6.46123	6.46123	0.0420694	5.27568	5.27568	0.112608	3.40875	3.40875	1.09655	16.8445	7.09733	1
cg06703469	ANO5;ANO5	0.153276	0.591838	0.873254	-1.15014	0.419118	0.674294	-1.48374	0.796881	1.06674	1.06674	0.180637	0.967709	-1.0351	0.548079	0.858802	-1.16439	0.28646	1.3194	1.3194	0.0654505	1.92327	1.67827	0.0255961	1.93108	1.93108	0.417355	0.812763	-1.23007	1.02662	2.09497	0.882716	1
cg04656051	SLC11A1	0.153279	0.070125	4.33173	4.39173	0.0589947	4.75087	4.75087	0.113965	3.43888	3.43888	0.0637958	2.16462	2.16462	0.0254758	4.08157	4.08157	0.761356	0.800429	-1.24933	0.757483	1.25402	1.25402	0.151123	1.07802	1.07802	0.0208264	7.63676	7.63676	2.10961	17.8448	7.51895	1
cg27480539	TMEM38A;C19orf42	0.153279	0.123685	1.2908	1.2908	0.956912	0.991763	-1.00831	0.0747776	1.35505	1.35505	0.535781	1.10075	1.10075	0.446214	1.12622	1.12622	0.532203	1.10171	1.10171	0.480118	1.11615	1.11615	0.026273	0.667972	-1.49707	0.190975	1.23612	1.23612	1.0096	0.783057	0.329944	1
cg05548508	RPTOR;RPTOR	0.153281	0.619676	1.15708	1.09684	0.154564	1.10827	1.10827	0.454338	1.1552	1.1552	0.0307234	1.03819	1.03819	0.272196	1.23564	1.23564	0.363087	1.1885	1.1885	0.011734	1.78897	1.78897	0.0492271	1.1995	1.1995	0.0198333	1.08891	1.1365	0.646962	0.198333	1.14046	0.480538	1
cg09351308	MVD	0.153283	0.942913	1.03006	1.03006	0.0464599	2.56829	2.56829	0.0795752	0.447194	-2.23616	0.706553	1.16933	1.16933	0.0918785	0.458897	-2.17914	0.161036	1.58044	-1.85734	0.325401	0.657062	-1.52193	0.947373	0.930768	-1.02768	0.255849	0.612278	-1.63324	0.20958	5.715	2.40806	1
cg08800407	CSNK1G2	0.153283	0.237768	1.19388	1.19388	0.160972	1.23824	1.23824	0.200381	0.670914	-1.4905	0.612312	1.07563	1.07563	0.428621	1.12215	1.12215	0.457382	1.097368	1.11397	0.1885011	1.2155	1.2155	0.324905	0.864052	-1.15653	0.828353	1.03145	1.03145	1.00958	0.697549	0.286334	1
cg05709929	STEAP1	0.153285	0.113762	3.66296	5.66296	0.0942025	7.18984	7.18984	0.880847	2.851444	-1.17448	0.484715	0.467054	-2.14108	0.246075	0.272153	-3.6717	0.186974	0.223198	-4.48032	0.0818932	0.126562	-7.90126	0.614734	0.580337	-1.72314	0.166537	4.86239	4.86239	1.09557	38.4084	16.1838	1
cg23283423	NXN	0.153285	0.948966	0.962291	-1.03488	0.167906	2.1975	2.1975	0.253444	0.527856	-1.89446	0.627793	0.769718	-1.29918	0.0241328	0.236802	-4.22294	0.723895	1.20926	1.20926	0.361744	1.65239	1.65239	0.132622	2.38522	2.38522	0.249987	0.525175	-1.90413	2.09556	9.58822	4.04011	1
cg03154837	TTLL5	0.153287	0.057345	1.31763	1.30756	0.0133697	0.189942	-1.26477	0.150455	0.436318	-2.30618	0.790461	0.852724	-1.17275	0.404188	0.629568	-1.58839	0.763331	0.848887	-1.17787	0.441244	0.653298	-1.53069	0.866101	0.912574	-1.0958	0.0425295	0.281912	-3.54771	1.02555	0.893885	0.413735	1
cg07174177	UBE2Z	0.153288	0.250515	2.19092	2.19092	0.903137	1.08277	1.08277	0.669374	0.755345	-1.3239	0.0977137	3.27663	3.27663	0.495561	0.636354	-1.57145	0.420732	1.71137	1.71137	0.535439	0.663691	-1.50673	0.0121026	7.71628	7.71628	0.147414	2.76048	2.76048	1.09555	14.2552	6.00664	1
cg12257830	HSPG2	0.153289	0.50121	0.860579	-1.12286	0.209928	0.753962	-1.32653	0.666902	0.645502	-1.554	0.762704	0.937327	-1.06696	0.154472	0.721915	-1.38509	0.72439	0.927126	-1.0784	0.227567	1.31244	1.31244	0.0479117	0.616185	-1.62289	0.043304	0.608478	-1.64345	1.02954	1.53629	0.643127	1
cg08341987	UBA1;UBA1	0.153292	0.762773	1.07111	1.07111	0.793344	1.08874	1.08874	0.825943	1.07393	1.07393	0.115531	0.574618	-1.74029	0.0466573	0.929259	-1.07567	0.0341561	1.22665	1.22665	0.452923	0.780476	-1.28127	0.143852	1.66286	1.66286	0.0544246	2.02739	2.02739	1.05952	3.50379	1.47439	1
cg17217879	IGSF21	0.153292	0.397388	0.691252	-1.44665	0.0448262	2.66789	2.66789	0.320882	1.5481	1.5481	0.287924	0.624919	-1.60021	0.315775	0.642766	-1.55578	0.831339	1.09514	1.09514	0.272784	0.614854	-1.6264	0.0428517	0.370186	-2.69989	0.429535	0.709194	-1.41005	2.09552	6.06634	2.55618	1
cg02784812	WDR61A;WDR51A;WDR51A	0.153293	0.140967	0.732458	-1.36519	0.504626	0.875371	-1.14237	0.0228264	0.602667	-1.65929	0.293439	0.807142	-1.23894	0.177952	0.754625	-1.32516	0.983476	0.99597	-1.00404	0.977379	0.673614	-1.48475	0.940453	0.943571	-1.06021	0.651901	1.29128	1.29128	1.05441	1.54411	1.03583	1
cg03155057	PLEKHA5;PLEKHA5	0.153297	0.977548	0.99395	-1.00609	0.0290683	0.574526	-1.74137	0.244525	1.30018	1.30018	0.34522	1.2332	1.2332	0.153545	1.10232	1.10232	0.814489	0.950583	-1.05199	0.166764	1.37418	1.37418	0.13167	1.42032	1.42032	0.0148033	1.46548	1.46548	1.02949	1.55323	0.654497	1
cg26340225	MUC5B	0.153304	0.375518	1.25251	-1.5283	0.0450041	0.487211	1.10525	0.0670224	0.647442	-1.54454	0.0780903	0.552319	1.80973	0.0215865	0.393686	-2.54009	0.217186	0.845416	1.50556	0.0158302	0.56243	-1.778	0.0437837	0.889173	-1.12464	0.905225	0.717483	-1.39376	1.02944	0.843418	0.337548	1
cg19861460	ZNF581;ZNF580;ZNF580;ZNF580	0.153305	0.692499	1.04465	1.04465	0.0982293	0.81928	-1.22058	0.124587	0.832977	-1.20051	0.018356	0.730141	-1.3696	0.982681	0.997617	1.00239	0.392923	1.10097	1.10097	0.159942	0.847873	-1.17942	0.51555	0.930099	-1.07515	0.138949	0.839413	-1.19131	1.01943	0.403567	0.170058	1
cg06424216	METTL9;METTL9	0.153308	0.14052	0.330853	-3.02249	0.0994123	0.283663	-3.52531	0.283964	0.459993	-2.17395	0.613845	1.42611	1.42611	0.114711	0.302182	-3.30927	0.573538	0.672497	-1.487	0.0187695	0.13717	-7.29022	0.405301	1.81121	1.81121	0.200504	0.389136	-2.56847	2.01941	16.2596	6.85165	1
cg00639497	RB1	0.153312	0.798229	0.915484	-1.0929	0.0196751	1.90183	1.90183	0.163863	1.16863	1.16863	0.137357	1.63101	1.63101	0.80756	0.928845	-1.07661	0.668842	0.880756	-1.13573	0.411001	0.678095	-1.47472	0.802591	0.979113	1.02063	0.465855	1.25166	1.25166	1.03059	1.03651	1.28881	1
cg13863078	SPCS3	0.153317	0.0622511	0.217342	-4.60105	0.239291	0.40815	-2.45008	0.43013	0.556758	-1.79611	0.507876	0.613551	-1.62986	0.0450578	0.187817	-5.32433	0.184702	0.359506	-2.7816	0.0191977	0.127418	-7.8482	0.0829492	0.247568	-4.0393	0.177738	0.352922	-2.83348	0.29336	17.6656	7.44434	1
cg08577041	HNRNPAB;HNRNPAB	0.153319	0.0540863	1.4878	1.4878	0.0774153	1.87163	1.87163	0.364067	1.23527	1.23527	0.514338	1.12768	1.12768	0.0937327	-1.06686	0.154472	0.721915	-1.38509	0.72439	0.927126	-1.0784	0.227567	1.31244	1.31244	0.0479117	0.616185	-1.62289	0.043304	0.608478	-1.64345	1.02954	1.53629	0.643127	1
cg08341987	UBA1;UBA1	0.153292	0.762773	1.07111	1.07111	0.793344	1.08874	1.08874	0.825943	1.07393	1.07393	0.115531	0.574618	-1.74029	0.0466573	0.929259	-1.07567	0.0341561	1.22665	1.22665	0.452923	0.780476	-1.28127	0.143852	1.66286	1.66286	0.0544246	2.02739	2.02739	1.05952	3.50379	1.47439	1
cg17217879	IGSF21	0.153292	0.397388	0.691252	-1.44665	0.0448262	2.66789	2.66789	0.320882	1.5481	1.5481	0.287924	0.624919	-1.60021	0.315775	0.642766	-1.55578	0.831339	1.09514	1.09514	0.272784	0.614854	-1.6264	0.0428517	0.370186	-2.69989	0.429535	0.709194	-1.41005	2.09552	6.06634	2.55618	1
cg02784812	WDR61A;WDR51A;WDR51A	0.153293	0.140967	0.732458	-1.36519	0.504626	0.875371	-1.14237	0.0228264	0.602667	-1.65929	0.293439	0.807142	-1.23894	0.177952	0.754625	-1.32516	0.983476	0.99597	-1.00404	0.977379	0.673614	-1.48475	0.940453	0.943571	-1.06021	0.651901	1.29128	1.29128	1.05441	1.54411	1.03583	1
cg03155057	PLEKHA5;PLEKHA5	0.153297	0.977548	0.99395	-1.00609	0.0290683	0.574526	-1.74137	0.244525	1.30018	1.30018	0.34522	1.2332	1.2332	0.153545	1.10232	1.10232	0.814489	0.950583	-1.05199	0.166764	1.37418	1.37418	0.13167	1.42032	1.42032	0.0148033	1.46548	1.46548	1.02949	1.55323	0.654497	1
cg26340225	MUC5B	0.153304	0.375518	1.25251	-1.5283	0.0450041	0.487211	1.10525	0.0670224	0.647442	-1.54454	0.0780903	0.552319	1.80973	0.0215865	0.393686	-2.54009	0.217186	0.845416	1.50556	0.0158302	0.56243	-1.778	0.0437837	0.889173	-1.12464	0.905225	0.717483	-1.39376	1.02944	0.843418	0.337548	1
cg19861460	ZNF581;ZNF580;ZNF580;ZNF580	0.153305	0.692499	1.04465	1.04465	0.0982293	0.81928	-1.22058	0.124587	0.832977	-1.20051	0.018356	0.730141	-1.3696	0.982681	0.997617	1.00239	0.392923	1.10097	1.10097	0.159942	0.847873	-1.17942	0.51555	0.930099	-1.07515	0.138949	0.839413	-1.19131	1.01943	0.403567	0.170058	1
cg06424216	METTL9;METTL9	0.153308	0.14052	0.330853	-3.02249	0.0994123	0.283663	-3.52531	0.283964	0.459993	-2.17395	0.613845	1.42611	1.42611	0.114711	0.302182	-3.30927	0.573538	0.672497	-1.487	0.0187695	0.13717	-7.29022	0.405301	1.81121	1.81121	0.200504	0.389136	-2.56847	2.01941	16.2596	6.85165	1
cg00639497	RB1	0.153312	0.798229	0.915484	-1.0929	0.0196751	1.90183	1.90183	0.163863	1.16863	1.16863	0.137357	1.63101	1.63101	0.80756	0.928845	-1.07661	0.668842	0.880756	-1.13573	0.411001	0.678095	-1.47472	0.802591	0.979113	1.02063	0.465855	1.25166	1.25166	1.03059	1.03651	1.28881	1
cg13863078	SPCS3	0.153317	0.0622511	0.217342	-4.60105	0.239291	0.40815	-2.45008	0.43013	0.556758	-1.79611	0.507876	0.613551	-1.62986	0.0450578	0.187817	-5.32433	0.184702	0.359506	-2.7816	0.0191977	0.127418	-7.8482	0.0829492	0.247568	-4.0393	0.177738	0.352922	-2.83348	0.29336	17.6656	7.44434	1
cg08577041	HNRNPAB;HNRNPAB	0.153319	0.0540863	1.4878	1.4878	0.0774153	1.87163	1.87163	0.364067	1.23527	1.23527	0.514338	1.12768	1.12768	0.0937327	-1.06686	0.154472	0.721915	-1.38509	0.72439	0.927126	-1.0784	0.227567	1.31244	1.31244	0.0479117	0.616185	-1.62289	0.043304	0.608478	-1.64345	1.02954	1.53629	0.643127	1
cg10581375	SDPR	0.153323	0.768377	0.951875	-1.05056	0.646887	0.925561	-1.08008	0.114603	1.33188	1.33188	0.903718	0.979991	-1.02042	0.864508	0.971786	1.02903	0.0798441	1.72801	-1.38151	0.0393661	1.48663	1.48663	0.138601	0.766231	-1.30509	0.350564	0.851746	1.17406	1.09332	0.931803	0.392671	1
cg08675094	CCNC;CCNC	0.153323	0.627251	1.09484	1.09484	0.149151	1.33146	1.33146	0.65562	1.08667	1.08667	0.733338	0.938642	-1.06537	0.506894	1.13279	1.13279	0.439087	0.864048	-1.15734	0.00768067	0.530279	-1.8858	0.786569	1.05154	1.05154	0.627716	1.09471	1.09471	1.09131	1.14542	0.482695	1
cg20408738	VAR5	0.153324	0.892059	1.04784	1.04784	0.0474153	0.677163	1.87163	0.364067	1.23527	1.23527	0.514338	1.12768	1.12768	0.0937327	-1.06686	0.154472	0.721915	-1.38509	0.72439	0.927126	-1.0784	0.227567	1.31244	1.31244	0.0479117	0.616185	-1.62289	0.043304	0.608478	-1.64345	1.02954	1.53629	0.643127	1
cg24182508	TMC4;TMC4	0.153327	0.716396	1.04103	1.04103	0.0891785	2.2265	1.2295	0.0944524	1.22461	1.22461	0.601114	1.05987	1.05987	0.874373	1.01759	1.01759	0.403557	1.0988	1.0988	0.0740837	0.803	-1.24533	1.00701	0.820278	-1.1991	0.275701	1.13313	1.13313	1.10929	0.405862	0.173037	1
cg04094160	ZBTB5	0.153333	0.0306609	1.49154	1.49154	0.0972733	0.81252	1.20394	0.0844132	1.12934	1.12934	0.365057	1.29344	1.29344	0.0660577	1.08443	1.08443	0.289152	1.23568	1.23568	0.0414155	1.1852	1.1852	0.0794451	1.03833	1.03833	0.0119833	1.17963	1.22613	0.726413	1.26254	1.63338	1.13284	1
cg24902113	POSSB;POSSB	0.153333	0.789821	1.03787	1.03787	0.929361	0.987739	-1.01241	0.701007	0.947736	-1.05515	0.284684	0.856736	-1.16722	0.7918	0.963859	1.0375	0.293132	1.8592	-1.16386	0.0261444	0.692701	-1.44362	0.439928	1.11582	1.11582	0.0355966	1.40544	1.40544	1.09425	0.646706	0.272537	1
cg09205438	GABRG3	0.153337	0.317686	0.686969	-1.45567	0.911646	0.14118	1.04118	0.0991423	0.518319	-1.92931	0.038381	0.41866	-2.38857	0.043602	0.422806	-2.36515	0.493997	0.776863	-1.28723	0.178346	0.59462	-1.68175	0.422207	1.3472	1.3472	0.0907337	0.507912	-1.96884	2.09222	4.41441	1.86206	1
cg26937807	LPHN1;LPHN1	0.153342	7	7	7	7	0.78823	1.90303	0.182363	1.27271	1.27271	7	7	7	7	1.34724	1.34724	0.266521	1.96252	1.96252	0.0294119	0.82271	0.82271	0.0830593	1.61947	1.61947	0.143624	0.973565	0.707777	-1.41287	1.0808	1.34108	12.3436	5.13546	1
cg06337239	DDX58	0.153346	0.0199683	0.379766	-2.6332	0.459001	1.29686	1.29686	0.163904	1.66885	1.66885	0.237503	0.652708	-1.53208	0.874861	0.947115	-1.05584	0.0519363	0.466536	-2.14346	0.66386	0.860061	-1.16271	0.803347	0.917576	-1.08983	0.999471	1.00023	1.00023	1.09166	3.97036	1.67328	1
cg04580609	KREMEN2;KREMEN2	0.153347	0.185729	1.46491	1.46491	0.207366	0.605456	-1.43791	0.698657	0.880955	-1.1124	0.581187	0.860031	-1.16275	0.964102	1.01232	1.01232	0.928246	0.80708	-1.0321	0.818766	0.940931	-1.06366	0.710195	1.57855	1.57855	0.147977	1.52547	1.52547	1.09898	2.47289	1.04227	1
cg17720466	CSorf15	0.153357	0.6100685	0.90082	-1.1101	0.2491717	1.2777	1.2777	0.760651	0.939735	-1.64143	0.173062	0.744571	-1.34268	0.0280746	0.580976	-1.69408	0.170686	1.743195	-1.34654	0.436134	0.910284	-1.09856	0.609288	1.11056	1.11056	0.0362869	1.609442	1.64085	1.08197	1.38237	0.582642	1
cg07462448	CASP7;CASP7;CASP7;CASP7	0.153376	0.881169	1.0739	1.0739	0.516464	1.36828	1.36828	0.0439685	0.331754	-3.01428	0.378199	1.53871	1.53871	0.221476	0.541974	-1.84511	0.590151	1.29568	1.29568	0.0344068	0.308502	-3.24147	0.696509	1.20542	1.20542	0.132015	0.460773	-2.17027	2.08197	7.58824	3.1983	1
cg19593572	PDLIM3	0.153377	0.0741253	1.48771	1.48771	0.0760506	3.24882	3.24882	0.0454059	1.78062	1.78062	0.218331	1.84672	1.84672	0.431371	1.44309	1.44309	0.0988102	1.45187	1.45187	0.0458187	1.42205	1.42205	0.0255998	2.68763	2.68763	0.110985	0.0559998	2.68763	2.68763	1.09285	6.29286	2.9366	1
cg21887430	PBK	0.153383	0.0534385	0.333388	-2.99951	0.590103	0.761624	-1.31298	0.162105	0.475588	-2.11154	0.996013	1.00251	1.00251	0.0402054	0.305371	-3.2747	0.227412	0.530214	-1.88603	0.0314767	0.282747	-3.53673	0.0965178	0.401059	-2.4934	0.162049	0.473534	-2.11178	2.08192	8.374	3.52956	1
cg27547703	TDRD1	0.153383	0.0781831	1.28001	1.28001	0.0966491	0.16364	1.02284	0.0127955	0.441961	-2.26353	0.0816521	0.18409	-5.43049	0.0129097	0.150097	-6.66148	0.679331	1.12741	1.12741	0.0342138	0.13156	6.13156	0.0129426	0.189841	1.13224	1.13224	0.0834245	0.905586	1.09433	1.09433	0.0981	0.418368	1
cg26249873	LOC100128811;GPR158	0.153383	0.715864	0.952406	-1.04997	0.365559	2.13203	1.13203	0.973242	0.995536	-1.00448	0.411857	0.894107	-1.11843	0.765944	0.96096	-1.04063	0.0323086	0.715794	-1.39705	0.0129322	0.6626	-1.50921	0.334705	0.857715	-1.14192	0.757615	1.04216	1.04216	1.08292	0.594349	0.250513	1
cg26053217	UGT1A8	0.153387	0.395858	0.58628	-1.70567	0.0581679	0.268873	-3.71923	0.218779	0.451903	-2.21286	0.117704	0.35227	-2.83874	0.0420861	0.237344	-4.2133	0.049074	0.253412	-3.94614	0.211126	0.447019	-2.23704	0.094719	0.329935	-3.0309	0.0566035	0.265742	-3.76305	2.01889	12.5956	5.30898	1
cg09968709	DEFB115	0.153389	0.0397736	1.45015	1.45015	0.0481	1.54484	1.54484	0.0615978	0.713355	-1.83598	0.704875	0.676972	-1.47758	0.0268355	0.663335	-1.50813	0.526262	1.47655	1.47655	0.0342902	0.625422	-1.59955	0.342902	0.625422	-2.0974	0.0615349	0.155122	-6.45377	2.01887	27.5798	11.6249	1
cg07050744	MIR548H4;GLCE	0.153391	0.395101	0.780402	-1.28139	0.195749	0.677396	-1.47624	0.0378865	1.98444	1.98444	0.140842	0.637034	-1.56977	0.505964	0.825204	-1.21182	0.438594	0.798589	-1.25221	0.918925	1.02941	1.02941	0.364718	1.30362	1.30362	0.104237	1.65803	1.65803	1.02886	2.70679	1.14092	1
cg05372125	SYNGAP1	0.153393	0.709951	1.2161	1.2161	0.460133	1.74501	1.74501	0.0648267	1.14043	1.14043	0.802893	1.14245	1.14245	0.0911962	1.18962	1.18962	0.230171	2.17037	-1.40791	0.0481654	0.940931	-1.06366	0.710195	1.57855	1.57855	0.147977	1.52547	1.52547	1.09898	2.47289	1.04227	1
cg11765003	NHEJ1	0.153394	0.777525	0.912632	-1.09573	0.5607	1.20909	1.20909	0.0591177	1.98928	1.98928	0.0898957	1.79421	1.79421	0.0783824	1.0861	1.0861	0.659568	1.866691	-1.15381	0.0543498	0.494285	-2.02312	0.126142	1.585206	-1.70589	0.837886	1.06796	1.06796	1.08185	1.47902	1.46642	1
cg06200857	GNAS;GNASAS	0.153395	0.394004	1.42771	1.42771	0.900474	1.05235	1.05235	0.845781	0.923654	-1.08266	0.00752665	0.245946	-4.06594	0.828263	0.91521	-1.09265	0.208769	1.71669	1.71669	0.3044415	1.54306	1.54306	0.560348	1.27143	1.27143	0.725425	0.866052	-1.15466	1.08844	5.55521	2.34155	1
cg08859091	CSorf47	0.153398	0.893277	1.03812	1.03812	0.300114	0.965966	1.01523	0.74592	0.994844	1.00944	0.0394311	1.37791	1.37791	0.0104704	1.23482	1.23482	0.174736	1.49522	1.49522	0.448013	0.886142	-1.24048	0.400237	0.786651	-1.27121	0.855721	1.15101	1.05203	1.08252	1.09335	1.03	1
cg08770771	PBK;TAPBP;TAPBP	0.153401	0.269314	0.838516	-1.19258	0.434555	0.131017	1.13017	0.617147	1.08022	1.08022	0.559378	1.09459	1.09459	0.0153003	0.633905	1.57752	0.55634	1.09537	1.09537	0.0631712	0.726441	-1.37663	0.512896	1.10694	1.10694	0.955636	0.999159	-1.00855	2.1088	0.782833	0.329975	1
cg24205441	ELK3	0.153404	0.318002	1.07454	1.07454	0.0225203	1.05403	1.05403	0.0481	1.09459	1.09459	0.0153003	0.633905	1.57752	0.55634	1.09537	0.0631712	0.509312	1.03111	1.03111

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
ep23938419	ZNF365;ZNF365;ZNF365	0.153526	0.260663	0.772442	-1.2946	0.609815	0.13036	1.13036	0.677614	1.10344	1.10344	0.946756	1.03585	1.031315	0.721987	-1.38507	0.1131986	1.46639	1.46639	0.685663	0.884596	-1.13046	0.2015329	0.727915	-1.57379	0.0204396	1.9305	0.1925	2.10798	1.8509	0.7804683	1
ci13726166	TIAF1;MYO18A;MYO18A	0.153528	0.605701	0.734359	-1.36173	0.07402289	0.129421	-2.72674	0.0515766	0.2688	-3.72024	0.9290041	1.05423	1.05423	0.29286	0.523606	-1.90983	0.346746	0.562992	-1.77622	0.50162	0.667398	-1.49836	0.1998804	0.447932	-2.23248	0.822855	1.14219	1.14219	2.10796	11.7368	4.949221	1
gi59813610	IRX1	0.153532	0.300615	2.11391	2.11391	0.182416	2.68467	2.68467	0.33316	2.00707	2.00707	0.393285	0.543198	-1.84095	0.0573278	4.48405	4.48405	0.651274	0.727935	-1.37375	0.274636	0.452371	-2.21057	0.034948	5.55736	5.55736	0.2275593	2.4204	2.4204	2.10793	16.2597	6.85649	1
gi23949291	LRP5	0.153535	0.502746	1.6215	1.6215	0.705834	0.763724	-1.30929	0.02090809	0.162734	-6.14499	0.41066	1.81829	1.81829	0.027926	0.166641	-1.06641	0.407265	0.547487	-1.82653	0.3358348	0.493975	-2.02439	0.0336791	5.82931	5.82931	0.567705	1.507752	1.507752	2.10792	16.8606	7.10995	1
gi23538322	ADAMTS10	0.153536	0.503281	0.917618	-1.08978	0.284163	0.868643	-1.15122	0.113603	0.804207	-1.24346	0.791646	0.967045	-1.03408	0.956012	0.993043	-1.00701	0.78576	1.03509	1.03509	0.1460502	0.44779	-2.24725	0.850798	-1.17537	0.226131	0.851405	-1.17453	2.10791	0.534809	0.225525	1
gi16253059	CCDC85C	0.153538	0.442344	1.14666	1.14664	0.199138	0.788987	-1.28745	0.146318	0.761551	-1.31311	0.947451	1.18411	1.18411	0.0766616	0.70894	-1.41056	0.660929	1.07857	1.07857	0.0364523	0.653944	-1.52918	0.13933	0.757357	-1.32038	0.818394	1.04099	1.04099	2.10791	1.018575	0.429601	1
gi22788252	INPP4B;INPP4B	0.153537	0.732434	1.07765	1.07765	0.02706653	0.565343	-1.76884	0.130415	0.700497	-1.42756	0.95351	0.987375	-1.01279	0.157073	0.719088	-1.39065	0.115872	1.45125	1.45125	0.859358	1.03941	1.03941	0.248594	1.30059	1.30059	0.732023	0.927831	-1.07778	2.1079	1.58536	0.668539	1
gi60401197	PCGF3	0.153541	0.58812	1.09255	1.13825	0.10343	1.163174	1.163174	0.2795824	1.35793	1.35793	0.176556	0.609766	-1.47171	0.789832	0.930741	-1.07441	0.101438	0.617686	-1.61894	0.0154533	1.94945	1.94945	0.967019	0.988952	-1.01117	0.10787	2.41005	2.10792	1.01632	1
gi01295539	TLN2	0.153542	0.32108	0.655403	-1.52578	0.40396	0.703309	-1.42185	0.00791238	0.245665	-4.07058	0.557158	0.782938	-1.27724	0.176181	0.552847	-1.80882	0.184694	0.559999	-1.78572	0.197669	0.570257	-1.75225	0.127597	0.210859	0.0904792	0.663582	2.157212	2.10787	5.07045	2.39123	1
gi17442852	SLC43A2	0.153543	0.407897	0.693821	-1.44129	0.0132313	3.7658	3.7658	0.0863515	2.26626	2.26626	0.589985	1.26479	1.26479	0.642556	0.817235	-1.22364	0.140084	1.98121	1.98121	0.46457	1.37908	1.37908	0.390267	1.46249	1.46249	0.502128	0.745178	-1.34196	2.10786	6.22478	2.625	1
gi27080986	ACOX3;ACOX3	0.153547	0.860272	0.9744	-1.02645	0.8008	0.02944019	0.117208	-2.2882	0.50225	0.675439	-1.48052	0.2168088	2.14557	0.589157	0.755183	-1.32415	0.615092	0.746659	-1.3393	0.326264	0.585184	-1.71941	0.177953	0.481612	-2.28248	0.548826	1.41832	1.41832	2.10783	11.0849	4.67458	1
gi25746394	APOC2	0.153548	0.028976	0.289741	-3.45348	0.147239	0.11474	2.11474	0.308786	0.602158	-1.66069	0.143899	0.469503	-2.13991	0.0624414	0.364296	-2.74502	0.27201	0.869445	-1.15016	0.332451	0.617882	-1.61843	0.702604	0.831331	-1.20289	0.16221	0.491193	-2.03586	2.10783	7.74097	3.26443	1
gi26002512	KCND2;KCND2	0.153548	0.442373	0.829898	-1.2108	0.741595	1.084016	1.084016	0.559902	1.25857	1.25857	0.56819	1.15127	1.15127	0.947625	0.8841	-1.01616	0.268273	0.77786	-1.28558	0.947424	0.985736	-1.01447	0.0679433	0.640571	-1.56111	0.197757	0.743351	-1.34526	2.10783	1.58442	0.668161	1
gi05453932	BTBD9;BTBD9;BTBD9	0.153548	0.166606	0.725212	-1.37891	0.09464	0.670175	-1.49215	0.02090485	0.594299	-1.68266	0.6114464	1.11807	1.11807	0.0446859	0.605245	-1.65222	0.192716	1.46808	1.46808	0.0503102	1.84025	1.84025	0.583551	1.16671	1.16671	0.428417	0.798387	-1.25252	2.10782	2.58942	1.09198	1
gi21837910	EXO1;EXO1;EXO1	0.153551	0.0114861	0.4631128	-2.15923	0.0152385	0.895493	-1.11671	0.677415	1.10719	1.10719	0.801345	0.941009	-1.06259	0.550806	0.883357	-1.15827	0.160084	0.609338	-1.64035	0.2013281	1.38675	1.38675	0.514987	0.851528	-1.17436	0.101993	0.646798	-1.54608	2.10781	0.978831	0.834277	1
gi15132673	DLL3;DLL3	0.153552	0.0659188	16.2459	16.2459	0.229976	5.48376	5.48376	0.454948	2.79637	2.79637	0.103819	11.0593	11.0593	0.179774	6.85549	6.85549	0.758543	14.4338	14.4338	0.0216175	41.5497	41.5497	0.0751454	14.5486	14.5486	0.145145	8.28107	8.28107	2.1078	60.9455	25.7016	1
gi16376382	SHANK3	0.153553	0.715073	0.791225	-1.26398	0.0165382	6.48902	6.48902	0.021652	5.78583	5.78583	0.702628	0.782703	-1.27762	0.978815	0.983183	-1.0171	0.752789	0.817246	-1.22363	0.567224	0.974093	-1.02659	0.645954	0.744605	-1.34299	0.750323	0.815534	-1.22619	2.1078	1.51689	5.74327	1
gi06718902	TNRC18	0.153553	0.1138	0.53117	-1.88263	0.413536	1.34359	1.34359	0.0097128	2.54857	2.54857	0.699794	-1.49201	0.61016	0.827716	-1.20814	0.00980418	0.300093	-3.33234	0.0145401	0.504686	-1.98075	0.891362	0.120556	0.0156	0.3597	0.877831	0.684233	-1.46659	2.1078	4.54419	1.9037	1
gi04261408	SDC2	0.153555	0.896772	0.966028	-1.03517	0.440139	0.810888	-1.23322	0.907291	1.03151	1.03151	0.372456	0.783617	-1.2761	0.815737	1.06413	1.06413	0.608087	1.14766	1.14766	0.20261	0.698953	-1.43071	0.00441675	0.363591	-2.75034	0.437008	0.809676	-1.23506	2.10778	2.36675	0.998102	1
gi08856242	SMYD2	0.153557	0.752709	1.16382	1.16382	0.0994763	1.23671	1.23671	0.914967	0.950028	-1.0526	1.311251	1.66338	1.66338	0.0559697	1.53755	1.53755	0.866681	1.08398	1.08398	0.728725	0.846198	-1.18188	0.0559021	0.298622	2.896622	0.563227	1.32379	1.32379	2.10777	6.78995	3.24301	1
gi19476016	PDS1	0.153556	0.727512	0.957739	-1.04413	0.136575	1.21893	1.21893	0.343146	1.12803	1.12803	0.599894	1.06752	1.06752	0.0705189	1.28339	1.28339	0.281119	1.1483	1.1483	0.251427	0.86251	-1.15941	0.70107	1.03682	1.03682	0.0400392	0.746077	-1.34034	2.10775	0.5086654	0.214512	1
gi04133700	NACAP1	0.153556	0.836375	0.955178	-1.04688	0.390656	1.210263	1.210263	0.0976102	1.24213	1.24213	0.943275	1.028212	1.028212	0.570704	1.10784	1.10784	0.631784	0.786569	-1.27146	0.0115364	0.00798455	0.752347	1.32817	0.0025234	1.98328	0.904838	0.0135731	0.138867	0.875012	-1.14284	2.10775	0.3117753	0.0977357	1
gi03785728	BANF2	0.15356	0.13352	0.294304	-3.39784	0.636913	0.698132	-1.43239	0.492633	1.69326	1.69326	0.652401	1.40873	1.40873	0.12796	0.2882298	3.46864	0.114518	0.273273	-3.65935	0.0368805	0.160075	-6.24708	0.0377562	0.16185	-6.17855	0.418623	0.535461	-1.86755	2.10775	19.0681	8.04146	1
gi25213928	EVC	0.153561	0.433665	0.867228	-1.1531	0.110149	1.36406	1.36406	0.834236	1.03807	1.03807	0.320711	1.20074	1.20074	0.0186035	0.601255	-1.66319	0.160574	0.765471	-1.30639	0.426296	1.15586	1.15586	0.387116	0.997125	-1.00288	0.609227	1.09629	1.09629	2.10774	1.06132	0.447584	1
gi24883413	TMED2	0.153562	0.760992	1.04117	1.04117	0.0910274	1.105474	1.105474	0.550459	0.802942	-1.24541	0.492739	0.747499	-1.25392	0.0178506	0.798251	-1.25312	0.0390604	0.648437	-1.54206	0.0276574	0.0205725	0.463898	2.15564	0.0664531	1.1512	1.1512	0.445918	0.776073	3.782425	1.48515	1
gi11404544	ELAVL4;ELAVL4;ELAVL4	0.153565	0.260239	0.516749	-1.93518	0.238683	0.499679	-2.00129	0.984632	0.98923	-1.01089	0.962713	1.02663	1.02663	0.120465	0.387952	2.57764	0.247499	0.50674	-1.9734	0.0141043	0.182089	-5.49182	0.0293109	0.23614	-4.23477	0.616926	0.753124	-1.3278	2.10771	10.5507	4.44957	1
gi11804928	THRA;THRA C16orf13;C16orf13;C16orf13;C16orf13;	0.153568	0.0418843	1.78389	1.78839	0.219178	1.38533	1.38533	0.732324	1.16408	1.16408	0.944098	1.02402	1.02402	0.140398	0.403358	2.48212	0.341803	0.784142	-1.27484	0.936056	1.02009	1.02009	0.353603	0.789301	-1.26694	0.152145	1.46271	1.46271	2.1077	2.05152	0.865198	1
gi07692169	C16orf13	0.15357	0.421873	1.42914	1.42914	0.449082	1.39894	1.39894	0.348226	1.52244	1.52244	0.811996	0.901494	-1.10927	0.836742	1.09396	1.09396	0.662266	0.825901	-1.2108	0.00654577	0.214946	-4.65232	0.374971	1.48632	1.48632	0.628643	1.23627	1.23627	2.10769	6.32277	2.66655	1
gi24347663	ADD2;ADD2;ADD2;ADD2;ADD2	0.15357	0.8098823	0.967202	-1.03396	0.7015	1.25777	1.25777	0.213673	1.31213	1.31213	0.514195	1.16195	1.16195	0.878357	1.0422	1.0422	0.131872	0.716126	-1.39646	0.0496224	0.15498	-6.45255	0.0196525	0.21454	-4.66021	0.0472584	1.5937	1.5937	-1.21969	1.40703	0.593397	1
gi22926824	AGAP1;AGAP2	0.15357	0.70069	0.802786	-1.24566	0.0472326	0.118269	-8.4553	0.0870734	0.340585	-2.89784	0.866022	1.10079	1.10079	0.85123	0.888286	-1.12576	0.938269	0.956905	-1.04504	0.914966	1.02663	1.02663	0.482162	0.666126	-1.50122	0.819566	1.13876	1.13876	2.10768	10.7975	4.55371	1
gi04138246	Cbx9b9	0.153577	0.0159592	0.429332	-2.3292	0.193732	0.690545	-1.44813	0.138269	0.65209	-1.53353	0.429045	0.805497	-1.24147	0.0928734	0.551043	-1.81474	0.608516	0.870742	-1.14845	0.60528	0.869634	-1.14991	0.2164885	0.704715	-1.41901	0.0770129	0.590485	-1.69352	2.10768	2.39615	1.01055	1
gi24626312	KBS;LOC404266	0.153575	0.0653591	0.6974	-1.43425	0.0205115	2.61533	2.61533	0.134951	3.43108	3.43108	0.232728	2.38772	2.38772	0.466339	0.567569	-1.7619	?	?	?	0.171562	0.328832	-3.04115	?	?	?	0.0578701	0.658218	-1.51902	2.14412	15.4218	8.22013	1
gi01404197	ZW10	0.153575	0.984765	0.996409	-1.00362	0.159552	1.327135	1.327135	0.0070547	1.84846	1.84846	0.938207	1.01471	1.01471	0.0634751	1.39613	1.39613	0.720594	1.07001	1.07001	0.146993	0.9645856	-1.03674	0.331519	1.20775	1.20775	0.683441	1.08025	1.08025	2.10765	1.18486	0.499706	1
gi19081101	CH3L1 GABPB1;GABPB1-IT1;I0038;GABPB1;L0	0.153576	0.052575	0.136058	-7.34979	0.27112	0.354536	-2.82059	0.371929	0.436181	-2.29262	0.309827	0.386288	-2.58874	0.0373765	0.11231	-8.9039	0.433964	0.485491	-2.05977	0.02497	0.0894211	-11.183	0.555616	0.583023	-1.7152	0.05233	0.135702	-7.36911	2.10765	27.3437	11.5321	1
gi02326032	C10orf129387;GABPB1;GABPB1	0.153582	0.709432	1.4082	1.4082	0.0831139	0.581735	5.78135	0.0594487	6.99875	6.99875	0.308781	0.381612	-2.62046	?	?	?	?	?	?	0.981595	1.02132	1.02132	?	?	?	0.0950032	0.354512	3.54512	2.16914	19.1556	11.7747	1
gi10775488	AGXT	0.153584	0.133508	0.413831	-2.41645	0.2706092	0.535159	-1.8686	0.328955	0.577371	-1.73199	0.101925	0.376818	-2.6538	0.0152463	0.197019	-5.07565	0.999646	0.997915	-1.00209	0.0358079	0.2640071	-3.78687	0.202861	0.480528	-2.08185	0.26565	0.531335	-1.88205	2.10759	9.92023	4.18391	1
gi15642794	PEF1	0.153584	0.2609681	1.50062	1.50062	0.0209155	1.14331	1.14331	0.12222	1.19554	1.19554	0.0134731	1.43108	1.43108	0.0139764	0.715414	-1.39772	0.0771968	1.22924	1.22924	0.0744861	0.4437736	-2.25359	0.767576	0.883517	-1.12636	0.251343	1.61923	1.61923	2.07435	5.5491	1.59426	1
gi06884679	VAR5	0.153585	0.0812175	1.6471	1.6471	0.0112218	2.2709	2.2709	0.601463	1.14573	1.14573	0.265126	1.34959	1.34959	0.490214	1.19833	1.19833	0.317988	1.30533	1.30533	0.810556	1.06396	1.06396	0.83767	0.94842	-1.05438	0.201631	0.706035	-1.41636	2.10759	2.22446	0.938178	1
gi15959907	CCDC85C	0.153587	0.1496071	0.469446	-2.13109	0.0475364	0.82153	1.48453	0.130869	1.56678	1.56678	0.644379	1.31142	1.31142	0.0407219	0.744802	-1.34257	0.516704	1.56383	1.56383	0.184496	0.440432	-2.2705	0.471571	0.607807	-1.64508	0.739777	0.797255	-1.25441	2.10757	3.4007	1.61255	1
gi04570558	TSGA14	0.153588	0.449066	0.463474	-2.15762	0.860407	0.19181	1.19181	0.100459	6.0126	6.0126	0.51482	0.517658	-1.93178	0.37036	0.399703	-2.50186	0.581369	1.74224	1.74224	0.87201	1.17437	1.17437	0.00837052	28.7444	28.7444	0.925807	1.0973	1.0973	2.10757	33.1719	13.9906	1
gi04934105	PAQR	0.153589	0.0629317	0.469301	-2.13171	0.0183736	0.447175	-2.23626	0.783654	0.868698	-1.15104	0.797909	0.868698	-1.15104	0.797909	0.99437	-1.00567	0.491091	0.791571	-1.26315	0.0974224	0.09403	-10.6359	0.0315465	0.222621	-4.49245	0.100047	0.353275	-2.83065	2.10747	3.72999	1.57232	1
gi24779329	SNX19	0.153588	0.38962	0.701632	-1.42525	0.659962	0.836981	-1.19477	0.0520201	0.64129	-1.5838	0.324234	0.63531	-1.57435	0.0110246	0.523477	-1.91026	0.552524	0.785434	-1.27318	0.0983932	0.472957	-2.11436	0.0673782	0.20757	-4.81707	0.575106	0.39234	2.27428	2.10757	0.3934	2.27428	1
gi22872989	CD164L2	0.153595	0.346032	1.40087	1.40087	0.907785	0.960549	-1.04107	0.546961	0.809185	-1.23581	0.710573	0.882291	-1.13341	0.166707	0.599209	-1.66887	0.383628	0.733211	-1.36386	0.00545142	0.280865	-3.56043	0.590682	0.828114	-1.20756	0.260616	0.66527	-1.50315	2.10752	4.02743	1.69865	1
gi28445120	C8orf47;C8orf47	0.153598	?	?	?	0.5636069	?	?	?	2.91144	2.91144	0.41784	4.51784	4.51784	0.358915	0.177029	-5.64879	0.758885	0.55931	-1.78833	0.0490614	0.14576	-6.86035	0.0187587	0.711424	0.711424	?	0.470089	0.189587	0.711424	?	?	0.0170501	0.00576	40.2793	1
gi09436907	SYT13	0.153599	0.161527	0.791308	-1.26373	0.612476	0.923141	-1.08326	0.105491	1.31902	1.31902	0.198616	1.16652	1.16652	0.437709	1.13195	1.13195	0.719659	0.945135	-1.05805	0.081152	0.738804	-1.35354	0.219909	0.817131	-1.22379	0.0982492	1.32833	1.32833	2.10749	0.818159	0.345079	1
gi25152648	EPHX2	0.1536	0.152298	1.37913	1.37913	0.0294607	2.515326	2.515326	0.823758	1.02353	1.02353	-1.08398	0.175609	0.595933	-1.67804	0.130826	0.556163	-1.79745	1.13021	1.79437	0.0001	0.960037	-1.04163	0.896358	1.04796	1.04796	0.08125	1.0552	1.0552	2.10748	4.45159	1.81867	1
gi03157628	CDS8;CDS8;CDS8	0.153601	0.8313898	0.978042	-1.02246	0.143243	1.177799	1.177799	0.2873926	0.986204	-1.01399	0.491134	0.929766	-1.07554	0.765994	1.03157	1.03157	0.028159	0.754162	-1.3099	0.010798	0.934469	-1.07013	0.0523344	1.25834	1.25834	0.346728	1.10617	1.10617	2.10748	0.361935	0.152656	1
gi22740547	RASSF10	0.153602	0.880275	1.24389	1.24389	0.482097	2.81379	2.81379	0.715581	0.588676	-1.69873	0.915264	1.16662	1.16662	0.402488	0.289202	-3.45779	0.960366	1.07461	1.07461	0.00764254	0.143359	143.359	0.0591795	21.8622	21.8622	0.842719	1.3333	1.3333	2.10747	69.9825	29.5172	1
gi07183876	RASSF2	0.153602	0.0336217	0.66522	-1.50347	0.0256284	1.21617	1.21617	0.240811	0.832183	1.20163	0.569555	1.57059	1.57059	0.0218222	0.520493	-1.92126	0.204913	0.76924	-1.29992	0.297229	0.5172892	-1.93327	0.0173721	0.32797	-3.04881	0.0172	0.306445	0.58817	2.10747	10.7747	4.18254	1
gi17736091	UNC84A;UNC84A	0.153602	0.524579	0.837727	-1.19371	0.25205	1.8347	1.8347	0.0353632	1.99576	1.99576	0.681084	1.12016	1.12016	0.594243	1.15909	1.15909	0.582916	0.858745	-1.16449	0.0499828	1.84742	1.84742	0.36044	0.772465	-1.29456	0.727099	1.10099	1.10099	2.10747	2.5167	1.06149	1
gi26892560	RCHY1	0.153603	0.0510873	0.269935	-3.7041	0.0384916	0.193035	-3.0275	0.0834453	0.323234	-3.09392	0.373584	0.583687	-1.71325	0.132679	0.379407	-2.63569	0.754671	1.20295	1.20295	0.613528	0.940673	-1.35011	0.0315465	0.226221	-4.42045	0.109247	0.353275	-2.83065	2.10747	1.5969	0.489135	1
gi20034215	HSBP11;HSBP11	0.153604	0.76917	0.935977	-1.0684	0.68402	0.914757	-1.09319	0.541691	1.14398	1.14398	0.197546	1.34527	1.34527	0.11066	0.684891	-1.46009	0.154761	1.39322	1.39322	0.0460269	0.607888	-1.64504	0.864073	1.03801	1.03801	0.113397	1.45516	1.45516	2.10746	2.58254	0.667486	1
gi04598292	NCAPG2	0.153604	0.0775624	0.365646	-2.73488	0.451342	0.674664	-1.48222	0.832164	0.896873	-1.11499	0.306891	0.581316	-1.72023	0.0287641	0.266437	-3.75324	0.074865	0.361524	-2.76607	0.0264671	0.259417	-3.8548	0.643866	0.787261	-1.26965	0.148726	0.451919	-2.21279	2.10746	8.77802	3.70241	1
gi25501930	ProSAP1	0.153615	0.8494513	0.973655	-1.02708	0.8384774	0.47408	-1.10553	0.0205041	1.64408	1.64408	0.570142	1.47584	1.47584	0.0775835	0.6376799	-1.56793	0.158424	1.45462	1.45462	0.454052	0.747342	1.67342	0.485079	0.624216	1.61796	0.876336	1.11717	1.11717	2.10738	0.547586	0.245386	1
gi17571606	C1QTNF2	0.153616	0.196342	1.53889	1.53889	0.383932	0.754551	-1.32536	0.0952703	1.78303	1.78303	0.867261	0.948588	-1.0542	0.0778978	1.85046	1.85046	0.499142	1.24168	1.24168	0.743849	0.901717	-1.109	0.765618	0.537104	-1.86184	0.130996	1.6728	1.6728	2.10738	3.32273	1.40152	1
gi08444284	TUBB	0.153622	0.1562	0.66516	-1.50351	0.0873247	0.74121	-1.34911	0.0819167	1.24791	1.24791	0.801872	0.727742	-1.37411	0.602905	1.10497	1.10497	0.112118	0.974772	-1.34776	0.363694	0.853022	-1.1723	0.0886456	0.976917	-1.02451	0.0118199	0.937019	-1.06722	2.10735	0.3170182	0.0854395	1
gi20728105	SCIN	0.153622	0.0733248	11.399	11.399	0.850276	6.794303	-1.25897	0.675048	1.67166	1.67166	0.461061	0.400732	-2.49544	0.369252	0.325057	3.07638	0.968736	0.04892	1.04892	0.249887	0.23099	-4.32919	0.107852	0.48374	8.48374	0.0286171	23.2627	23.2627	2.10735	49.5656	20.9069	1
gi06888836	PRKCZ;PRKCZ;PRKCZ CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.153622	0.37365	1.49346	1.49346	0.0160329	3.64594	3.64594	0.113373	2.31117	2.31117	0.816757	1.10732	1.10732	0.342368	1.5085	1.5085	0.990633	0.994958	1.00517	0.420335	0.696572	-1.4356	0.0422145	2.79486	2.79486	0.82607	0.907868	-1.10148	2.10735	6.43783	2.71555	1
gi25413347	AMK2B;CAMK2B;CAMK2B;CAMK2B	0.153622	0.655105	1.2366	1.2366	0.0763165	2.53796	2.53796	0.236255	0.55643	-1.79717	0.122197	0.453285	-2.20612	0.0408246	0.327856	-3.05012	0.964953	1.02097	1.02097	0.230533	0.552041	-1.81146	0.461009	0.701529	-1.42546	0.177995	0.508616	-1.96612	2.10734	7.44632	3.1409	1
gi17940490	ATXN7;ATXN7	0.153623	0.71833	1.12871	1.12871	0.0265155	1.7906	1.7906	0.0460775	0.69911	1.43038	0.862539	1.37412	1.37412	0.0107656	1.23766	1.23766	0.122866	1.32068	1.32068	0.0314025	0.685543	-1.45809	0.0196154	0.193159	2.12342	0.112144	0.16784	5.95842	2.10734	0.683412	1
gi20092728	SLC5A12	0.153624	0.555964	1.12391	1.12391	0.129221	0.721238	-1.3865	0.0964675	0.699116	-1.43038	0.862539	0.967477	-1.03362	0.251378	0.790545	-1.26495	0.107646	1.41018	1.41018	0.367155	1.19925	1.19925	0.0908981	1.44091	1.44091	0.390349	1.18843	1.18843	2.10733	1.28383	0.541532	1
gi03159806	ZIC5;ZIC1	0.153629	0.749863	0.934865	-1.06967	0.0120813	0.518665	-1.92808	0.878523	1.01261	1.01261	0.935707	1.01707	1.01707	0.223837	0.764828	-1.30748	0.672177	0.914574	-1.09341	0.194584	0.749851	-1.3336	0.439358	1.17994	1.17994	0.132968	1.40507	1.40507	2.1073	1.46899	0.619643	1
gi13724187	PPM1H	0.153631	0.177227	0.410604	-2.43525	0.0516182	0.270746	-3.6935	0.137968	0.716087	-1.39648	0.2438	0.431676	-2.31676	0.0194941	0.788337	-1.26822	0.138375	0.37189	-2.68897	0.0857977	0.308868	-3.23763	0.808518	0.860122	-1.16263	0.247103	0.471853	-2.1193	2.10728	12.8551	5.42249	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(347T vs. 477 vs. N)	p-value(353 vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537 vs. N)	Fold-Change(537T vs. 577 vs. N)	p-value(537T vs. 377 vs. N)	Fold-Change(5 vs. 537 vs. N)	p-value(563 vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09528319	HBM	0.153742	0.160664	0.462925	-2.16018	0.0208218	0.193958	-4.17785	0.0174621	0.226037	-4.42406	0.960461	1.02581	1.02581	0.27761	0.559729	-1.78658	0.322012	0.591075	-1.69183	0.176215	0.477574	-2.09392	0.882379	1.00888	1.00888	0.464832	0.682271	-1.46569	2.10655	8.81299	3.71877	1
cg24613375	MCF2L,MCF2L	0.153743	0.124547	0.228006	-4.36861	0.555113	0.671583	-1.48902	0.751488	1.32544	1.32544	0.384957	0.453948	-2.20289	0.114495	0.218272	-4.58144	0.102103	0.204666	-4.886	0.023122	0.0899913	-11.1122	0.0363227	0.115587	-8.65151	0.244533	0.339795	-2.94295	2.10655	26.2276	11.0671	1
cg19777644	BRP44,BRP44;BRP44	0.153744	0.362056	0.807156	-1.23892	0.0518682	1.65848	1.65848	0.0247473	1.84285	1.84285	0.754481	1.07438	1.07438	0.868407	0.962791	-1.03865	0.334258	1.25575	1.25575	0.409774	0.8246668	-1.21261	0.218786	1.34417	1.34417	0.380834	0.8314193	-1.22821	2.10654	1.74467	0.736193	1
cg15423407	DNAJC14	0.153746	0.258303	0.735276	-1.36003	0.368246	1.27236	1.27236	0.0179072	0.472377	-2.11695	0.452736	0.8192938	-1.22065	0.852355	0.953519	-1.04875	0.0276056	0.507159	-1.97177	0.401	0.7992636	-1.25115	0.629321	1.13516	1.13516	0.515887	0.842225	-1.18753	2.10652	2.26658	0.956426	1
cg20570505	C21orf59	0.153747	0.501428	1.10166	1.10166	0.0756395	0.755318	-1.32395	0.213752	0.830463	-1.20415	0.0694214	1.33404	1.33404	0.321124	1.15657	1.15657	0.473601	1.10896	1.10896	0.784105	1.03974	1.03779	0.872389	1.02289	1.02289	0.6698885	0.74919	-1.33477	2.10652	0.6718	0.28348	1
cg08217910	TMEM37	0.153749	0.666797	1.22605	1.22605	0.1726559	1.53821	1.53821	0.0090881	0.948121	-1.69472	0.7615002	0.8674642	1.15025	0.0195304	0.26503	1.77315	0.418685	1.4752	1.4752	0.0883651	1.42205	1.42205	0.127256	1.22354	1.22354	0.396405	1.50471	1.50471	2.10651	7.38524	3.11667	1
cg03545677	CALM2	0.153749	0.419025	1.13014	1.13014	1.022049	1.30339	1.30339	0.039197	1.42414	1.42414	0.619635	0.928541	-1.07696	0.454447	1.11952	1.11952	0.388917	0.877367	-1.13977	0.316496	0.8577752	-1.16584	0.143502	0.792227	-1.26227	0.198638	1.22296	1.22296	1.0605	0.732431	0.309067	1
cg04987105	SLC1A2	0.153752	0.579039	0.792165	-1.36918	0.795115	0.864239	-1.15345	0.51474	0.515505	1.15505	0.419357	1.56605	1.56605	0.0478097	0.281683	-3.5564	0.568268	0.723734	-1.38176	0.109329	0.3757253	-2.66154	0.154328	2.35115	2.35115	0.783176	0.856704	-1.16726	2.10649	10.4877	4.42558	1
cg26427215	FAM78B	0.153755	0.090761	0.699932	-1.42871	0.154518	1.36087	1.36087	0.0549845	1.51685	1.51685	0.858022	1.03465	1.03465	0.920314	1.01934	-1.01934	0.235543	0.788188	-1.26873	0.0741519	1.46375	-1.46375	0.707024	1.00708	1.00708	0.164747	1.223	0.516083	1
cg13252613	LOC100101121,TTTY23	0.153756	0.295654	2.99207	2.99207	0.380065	2.48424	2.48424	0.928711	0.913537	-1.09465	0.141772	0.202606	-4.9357	0.0128444	0.0404046	-22.7043	0.390213	2.4346	2.4346	0.622333	1.65157	1.65157	0.717126	0.693525	-1.44441	0.272295	0.315127	-3.17333	2.10646	34.0725	14.378	1
cg08441248	ABCA13	0.15376	0.860022	0.966281	-1.0349	0.517147	0.880187	-1.13612	0.919164	1.10992	1.10992	0.516898	1.13621	1.13621	0.0441534	1.16475	1.16475	0.111008	1.4013	1.4013	0.00610985	2.00458	2.00458	0.352829	1.20416	1.20416	0.682049	0.923075	-1.08334	2.10643	1.25979	0.533616	1
cg05479194	WRAP53;TP53;WRAP53;TP53;WRAP53; TP53;TP53;WRAP53;WRAP53;WRAP53	0.153763	0.0171821	0.658312	-1.51904	0.445693	1.11844	1.11844	0.148058	1.25035	1.25035	0.723354	0.950113	-1.05251	0.0674248	1.3432	1.3432	0.911897	0.98419	-1.01606	0.727923	1.05157	1.05157	0.983354	0.997001	-1.00301	0.571168	1.0859	1.0859	1.00641	0.691626	0.291861	1
cg26692811	MGAT3;MGAT3;MGAT3	0.153766	0.930273	0.960227	-1.04142	0.0260609	3.403	3.403	0.224403	1.80721	1.80721	0.948269	0.970358	-1.03055	0.204629	0.537556	-1.86027	0.0873147	0.416695	-2.39983	0.769768	0.6770256	-1.4758	0.562944	1.30573	1.30573	0.221169	0.550791	-1.81557	2.10639	7.17439	3.02756	1
cg21863888	TCF19;TCF19;CDKN1B	0.153767	0.0977938	0.714955	1.39893	0.0553832	1.55438	1.55438	0.151437	0.608493	-1.64241	0.0705446	0.556482	-1.79656	0.0206414	0.14641	-6.83102	0.562751	0.213487	1.28018	0.0153196	0.382098	-2.61713	0.152662	0.609437	-1.64086	0.17742	0.629214	-1.59328	2.10638	3.64873	1.47055	1
cg13482925	RTKN2	0.153771	0.455838	0.864773	-1.15637	0.883816	1.02853	1.02853	0.0310495	1.62292	1.62292	0.775845	1.05613	1.05613	0.0479452	0.648861	-1.54116	0.364664	1.19505	1.19505	0.267594	0.8017821	-1.24722	0.894599	1.02568	1.02568	0.217643	1.28159	1.28159	0.10636	1.22075	0.515157	1
cg18725227	MORF4L2;MORF4L2,MORF4L2,MORF4L2, 2;MORF4L2,MORF4L2,MORF4L2;MORF4L2,MORF	0.153771	0.241432	0.511177	-1.95627	0.561935	1.37838	1.37838	0.335515	0.580721	-1.722	0.561225	1.3792	1.3792	0.0261358	4.23849	4.23849	0.0419296	0.277216	-3.6073	0.626366	0.764527	-1.308	0.829263	1.12545	1.12545	0.72356	1.21452	1.21452	2.10636	9.99076	4.21612	1
cg12047536	MCT1;MCT1	0.153773	0.0193324	0.140836	-7.10047	0.978071	0.981139	-1.01922	0.972964	1.02376	1.02376	0.0455317	4.89888	4.89888	0.340299	1.97577	1.97577	0.211105	0.401332	-2.4917	0.92553	1.06693	1.06693	0.964471	1.03135	1.03135	0.799343	1.19304	1.19304	2.10635	16.0175	6.75947	1
cg09161054	SHANK2	0.153774	0.6604651	1.447459	1.447459	0.0122269	1.51806	1.51806	0.0562092	1.56181	1.56181	0.9128932	1.02387	1.02387	0.0102817	0.444931	-2.2454	0.174432	1.30739	1.30739	0.993266	0.9934	-1.00664	0.98313	2.02301	2.02301	0.320884	2.2361	2.2361	2.10634	20.5383	8.66791	1
cg13951796	FAM101B	0.153776	0.100226	0.385192	-2.59613	0.886549	0.927165	-1.07856	0.793183	0.870062	-1.14934	0.469262	0.677037	-1.47702	0.00915925	0.17321	-5.77335	0.180093	0.470428	-2.12573	0.642611	1.28089	1.28089	0.452776	1.49957	1.49957	0.214743	0.500649	-1.99741	2.10633	9.36144	3.95081	1
cg15097640	SH2D4B;SH2D4B	0.153777	0.121311	0.553	-1.80832	0.916315	0.9636409	-1.03777	0.718196	0.853082	-1.17206	0.344155	0.709373	-1.4097	0.0391515	0.706668	-1.41509	0.361236	0.718196	-1.39238	0.557306	1.23284	1.23284	0.124214	1.79878	1.79878	0.314525	0.692931	-1.44315	2.10632	4.14949	1.75113	1
cg26826339	ADAM7	0.153778	0.3177093	0.74093	-1.34922	0.4693	1.84568	1.84568	0.0124607	0.506441	-1.97456	0.0018492	0.5391932	-1.85448	0.0013762	0.0154178	-64.8418	0.0007302	0.24816	-4.0295	0.0047198	0.3309858	-3.02153	0.0234943	0.5149111	0.5149111	0.0627	0.6938	-1.44128	2.10631	0.4167	0.0938	1
cg04518912	SMARCA2;SMARCA2	0.15378	0.0994752	0.720902	-1.38715	0.403262	1.16767	1.16767	0.963998	1.00821	1.00821	0.833486	1.03889	1.03889	0.452819	0.870568	-1.14867	0.0224786	0.603302	-1.66122	0.902435	0.9780919	-1.02248	0.0969438	1.39124	1.39124	0.399292	1.16928	1.16928	2.1063	1.09573	0.462415	1
cg21231739	NID2;NID2	0.153783	0.6169861	0.935121	-1.09275	0.0297249	1.58345	1.58345	0.514755	0.895093	-1.12272	0.291511	0.8094917	-1.23541	0.192178	1.27484	1.27484	0.387779	1.16848	1.16848	0.570824	0.8058844	-1.10389	0.504317	0.892758	-1.12012	0.0653217	1.43896	1.43896	1.06428	1.03012	0.435572	1
cg13626907	GOT2	0.153783	0.581018	0.866138	-1.15455	0.1149	1.55578	1.55578	0.253312	0.736031	1.36013	1.36013	0.2166677	0.715234	-1.39814	0.758503	1.07275	1.07275	0.644131	1.12853	1.12853	0.662258	1.70082	1.70082	0.0816952	0.608103	-1.64046	1.08209	1.44325	1.44325	2.10628	2.2172	0.9357	1
cg17266053	ADCY10;ADCY10	0.153784	0.933954	0.972159	-1.02864	0.0534463	2.11135	2.11135	0.464653	1.28856	1.28856	0.906192	1.04098	1.04098	0.015498	0.3636347	-2.74992	0.532559	0.806258	-1.2403	0.500349	1.26244	1.26244	0.703704	0.877942	-1.11903	0.356269	0.723795	-1.38161	2.10628	3.87154	1.63386	1
cg23109041	PACS2;PACS2	0.153787	0.6083307	1.216852	1.216852	0.0870382	1.45579	1.45579	0.0751294	1.21742	1.21742	0.143733	1.83131	1.83131	0.523116	1.34687	1.34687	0.238609	0.566689	-1.76464	0.625716	1.25428	1.25428	0.407182	1.4772	1.4772	0.181752	0.900038	-1.11106	2.10626	0.706276	0.286148	1
cg20530585	WWTR1;WWTR1;WWTR1	0.153786	0.041609	23.1801	23.1801	0.0756781	14.0922	14.0922	0.0899533	12.1927	12.1927	0.21327	5.77628	5.77628	0.190102	6.40341	6.40341	0.075438	14.1297	14.1297	0.257483	4.86087	4.86087	0.545954	2.26526	2.26526	0.0283011	35.3611	31.9611	2.10626	59.7251	25.2054	1
cg22453039	C17orf67	0.153789	0.16011	0.630407	-1.58645	0.0448983	2.71957	2.71957	0.290507	1.62004	1.62004	0.562473	1.29374	1.29374	0.446552	1.22561	1.22561	0.467601	1.13412	1.13412	0.455083	0.71557	-1.39749	0.0263369	3.18527	3.18527	0.343215	0.649516	-1.53961	2.10626	6.45175	2.72925	1
cg26281648	C16orf57	0.153789	0.196659	1.22812	1.22812	0.09717	0.760316	-1.31524	0.143532	0.789314	-1.26692	0.177696	0.806048	-1.24062	0.364918	0.860921	-1.16203	0.791924	0.960983	-1.0406	0.0231016	0.6643841	-1.50515	0.320437	0.856817	-1.16711	0.142565	0.788795	-1.26776	2.10624	0.7558814	0.318973	1
cg08450807	SLC10A2	0.153791	0.106654	0.49855	-2.00582	0.510472	0.76816	-1.30181	0.413979	0.738629	-1.35416	0.242987	1.20254	1.20254	0.332816	1.48399	1.48399	0.824138	0.958114	-1.09192	0.132317	1.91508	1.91508	0.306145	1.5199	1.5199	0.0274815	0.356896	-2.80194	2.10621	5.2078	2.19786	1
cg26182866	ATP5C1;ATP5C1;KIN	0.153795	0.245254	0.744229	-1.34422	0.4009	1.24768	1.24768	0.0336564	1.39264	1.39264	0.360302	1.15864	1.15864	0.781238	0.89842	1.11894	0.977443	1.0206	1.0206	0.954551	1.12415	-1.12415	0.53311	0.858518	-1.08926	0.104498	1.27167	1.27167	1.0562	0.81685	0.258222	1
cg26286096	CRYGN;CRYGN	0.153798	0.0785547	0.37127	-2.69346	0.0251862	1.8575	1.8575	0.194019	2.00736	2.00736	0.941376	0.963391	-1.038	0.639611	0.782706	-1.27017	0.2119394	0.363143	2.36143	0.724327	0.8356633	-1.1967	0.902519	0.939755	-1.06411	0.408777	1.53485	1.53485	1.06419	8.57792	3.6202	1
cg21869046	ITPKC	0.153798	0.054682	1.39256	1.39256	0.0193658	1.73731	1.73731	0.0337359	1.42733	1.42733	0.382952	1.73079	1.73079	0.0134254	0.810709	-2.23998	0.458574	0.627367	-1.59396	0.137261	0.37557	-2.67687	0.154548	2.54762	2.54762	0.442585	1.6187	1.6187	2.10618	12.4227	5.23767	1
cg08027199	GTDC1	0.153798	0.648472	1.25617	1.25617	0.672783	1.235	1.235	0.979702	0.987438	-1.01272	0.0495113	1.34534	1.34534	0.0596424	0.3648524	-2.74084	0.213994	-1.9178	-1.9178	0.24397	1.83256	1.83256	0.0787031	2.6387	2.6387	0.160839	2.10488	2.10488	2.10618	8.23589	3.47586	1
cg07946458	HLCS	0.153799	0.941528	1.01065	1.01065	0.0764577	1.32939	1.32939	0.0325054	1.43558	1.43558	0.983245	1.00304	1.00304	0.145914	1.25299	1.25299	0.963591	0.993427	-1.00662	0.0967653	0.7684533	-1.30132	0.643625	0.934911	-1.06962	0.285898	1.17365	1.17365	1.06418	0.696192	0.29382	1
cg17578546	LOC441233	0.15838	0.822834	0.915192	-1.21726	0.6038007	0.875178	-1.07564	0.5410798	0.520808	-1.92009	0.0093234	0.290791	3.4425	0.0134644	0.5203828	-1.92209	0.653624	0.84651	-1.18152	0.619562	1.15963	1.15963	0.553057	1.84412	-1.18467	0.796161	0.807604	1.1018	1.0617	0.47851	1.19742	1
cg05329317	MAPK3;MAPK3;MAPK3	0.15801	0.89207	0.950623	-1.05194	0.599103	0.820521	-1.21874	0.710812	0.870301	-1.14903	0.753678	1.12459	1.12459	0.297723	0.6685424	-1.49579	0.0046263	0.24527	-4.07714	0.846396	1.07502	1.07502	0.919577	0.96303	-1.03839	0.113908	0.526492	-1.89937	2.10616	4.641	1.9587	1
cg14448145	DNAJC5	0.153802	0.0943515	0.915096	-1.78573	0.0176706	2.48403	2.48403	0.30147	1.4015	1.4015	0.667401	1.39992	1.39992	0.0159783	0.6198841	-1.61331	0.595469	0.84358	-1.18493	0.383979	0.9190052	-1.08808	0.857183	1.15126	1.15126	0.918332	0.973695	-1.02702	2.10616	0.941005	0.39852	1
cg04689654	TP53;TP53;TP53;2 POS12;TP53;TP53;2	0.153802	0.046091	0.709728	-1.40949	0.0249004	1.09939	-1.41319	0.859384	1.0271	1.0271	0.956116	1.15398	1.15398	0.119715	0.856365	-1.40723	0.880129	0.977501	-1.02302	0.667105	1.19047	1.19047	0.021173	0.676338	-1.47935	0.340266	1.15975	1.15975	1.06417	0.758519	0.320134	1
cg27000368	TRIM10;TRIM10	0.153804	0.274512	1.20166	1.20166	0.0499734	1.45301	1.45301	0.0751215	0.998906	1.0011	0.994595	0.998906	1.0011	0.896167	0.9975553	1.39859	1.39859	0.741306	1.05408	1.05408	0.6604558	1.05408	1.05408	0.860201	0.710005	-1.40844	2.10611	0.830756	0.367504	1
cg03982193	KIF26B	0.15381	0.0831303	0.718595	-1.3916	0.309153	0.83419	-1.19877	0.192489	0.788517	-1.2682	0.13674	0.758718	-1.31801	0.057055	0.690134	-1.44899	0.283451	0.824634	-1.21266	0.0912396	1.37768	1.37768	0.264992	0.818646	-1.22153	0.918529	1.01778	1.01778	1.06111	0.989675	0.417696	1
cg13791960	ANKRD32;ADAMTS2	0.153814	0.2277387	1.25166	1.25166	0.0867805	1.01618	1.01618	0.652493	0.93637	-1.06795	0.0911166	1.33958	1.33958	0.0261356	1.92144	1.92144	0.496845	1.10533	1.10533	0.0934023	1.61243	1.61243	0.555252	1.0904	1.0904	0.568437	1.08721	1.08721	1.06008	0.701676	0.286148	1
cg13638208	HDGF2;HDGF2	0.153815	0.345232	1.17615	1.17615	0.265719	1.21357	1.21357	0.377321	1.16322	1.16322	0.0319727	1.52109	1.52109	0.254864	1.21947	1.21947	0.0164623	1.63094	1.63094	0.215297	1.2432	1.2432	0.26405	1.08531	1.08531	0.372582	0.858318	-1.16507	2.10607	0.9291134	0.392151	1
cg05449022	ARID1A;ARID1A	0.153817	0.259313	0.599388	-1.63789	0.0468983	2.71957	2.71957	0.290507	1.62004	1.62004	0.562473	1.29374	1.29374	0.446552	1.22561	1.22561	0.467601	1.13412	1.13412	0.455083	0.71557	-1.39749	0.0263369	3.18527	3.18527	0.343215	0.649516	-1.53961	2.10606	6.45175	2.72925	1
cg19795292	IL1RL1;IL1RL1	0.153817	0.580984	1.35919	1.35919	0.308193	0.559552	-1.78714	0.259351	0.523668	-1.90961	0.37158	0.4034488	-2.65703	0.00719173	0.14809	-6.75264	0.791924	0.960983	-1.0406	0.0231016	0.6643841	-1.50515	0.320437	0.856817	-1.16711	0.142565	0.788795	-1.26776	2.10624	0.7558814	0.318973	1
cg07464212	ADO;ADO;ADO	0.153819	0.238592	0.456554	-2.19032	0.120513	0.343121	-2.91442	0.0526494	0.246841	-4.0512	0.452667	0.615101	-1.62575	0.0673725	0.271995	-3.67654	0.167624	0.392882	-2.54529	0.0902607	0.305493	-3.2734	0.178862	2.47719	2.47719	0.174575	0.791906	-1.26278	2.10604	13.4581	5.68019	1
cg07444125	FBXL16	0.153822	0.432012	1.14005	1.14005	0.1242	1.42364	1.42364	0.0842956	1.59295	1.59295	0.864012	1.10331	1.10331	0.0466254	0.7456	-1.34122	0.0521134	0.7456	-1.34122	0.0521134	0.6521838	1.27046	1.27046	0.0728128	0.623167	1.26527	0.889696	0.923094	1.08337	0.61685	0.258222	1
cg23431730	MAP3K12	0.153819	0.449932	1.07792	1.07792	0.276318	1.11799	1.11799	0.568783	1.05773	1.05773	0.0223222	1.30584	1.30584	0.155927	1.15945	1.15945	0.414696	0.921957	-1.08465	0.181008	1.14845	1.14845	0.951376	1.00596	1.00596	0.0271466	1.2903	1.2903	2.10604	0.3168	0.133711	1
cg16226221	UBTF;UBTF;UBTF	0.153822	0.881537	0.886799	-1.12795	0.851612	1.16285	1.16285	0.398461	0.497128	-2.01155	0.0210702	0.9735528	-1.63227	7	7	7	0.179579	0.331456	3.01665	7	7	7	0.331456	3.01665	7	7	0.0271466	2.10604	0.3168	0.133711	1
cg12640656	TBC1D14;TBC1D14	0.153822	0.327545	0.788799	-1.37213	0.185287	0.949034	-1.55513	0.841588	1.05587	1.05587	0.025653	2.33625	2.33625	0.547349	1.2092	1.2092	0.0895237	-1.11702	0.176624	0.636557	-1.57095	0.139451	0.0172031	1.67648	1.67648	0.214228	1.32875	1.17011	1
cg11358840	TNRC18	0.15826	0.753873	0.947169	-1.05578	0.523198	1.11832	1.11832	0.0844357	1.39717	1.39717	0.7433	1.05835	1.05835	0.252554	0.812593	-1.23063	0.479524	1.13235	1.13235	0.025154	1.60349	1.60349	0.0419021	1.51226	1.51226	0.980302	1.00427	1.00427	2.21263	1.02061	0.358763	1
cg07231787	NKNX3;NKNX3;NKNX3	0.15826	0.5104607	1.12789	1.12789	0.4145	1.15541	1.15541	0.448859	1.08699	-1.15176	0.52468	0.8902729	-1.12305	0.0613664	1.46512	1.46512	0.289848	1.12928	1.12928	0.152672	0.758099	-1.31805	0.404647	1.15644	1.15644	0.0380055	1.54289	1.54289	2.10606	0.701676	0.286148	1
cg00725975	RPL7L1	0.15827	0.162594	0.763968	-1.30895	0.0222911	0.60978	-1.63994	0.20806	0.786849	-1.27089	0.0527267	0.671863	-1.4884	0.563667	0.899942	1.11118	0.196565	0.781455	-1.27966	0.731423	0.939672	-1.0642	0.0409114	0.653015	-1.53136	0.822484	1.04142	1.04142	2.10599	0.70891	0.45918	1
cg10452333	UGCG;UGCG	0.153827	0.0970588	0.671351	1.48955	0.0312002	1.6103	1.6103	0.0147788	1.00156	1.00156	0.822788	1.04452	1.04452	0.610151	0.9050648	-1.10489	0.168206	1.13844	1.13844	0.0148262	1.55883	1.55883	0.0397973	-1.01495	0.117179	0.753011	-1.32642	0.21599	1.06375	0.534869	0.21975	1
cg06399302	CHSTB;CHSTB	0.15833	0.564889	1.06993	1.06993	0.744227	0.962686	-1.03876	0.369049	1.11311	1.11311	0.767859	0.966201	-1.03498	0.66238	0.9502047	-1.05236	0.00671418	0.664751	1.50432	0.221391	1.16103	1.16103	0.625822	1.05874	1.05874	0.632253	1.0576	1.0576	2.10597	0.450032	0.18995	1
cg24828465	ESRRA	0.15833	0.34219	0.702235	-1.42402	0.91476	1.03943	1.03943	0.246155	1.54973	1.54973	0.328193	0.694959	-1.43969	0.0814495	0.497797	-2.00885	0.101446	0.523235	-1.91119	0.0951527	1.93927	1.93927	0.340996	1.42535	1.42535	0.272174	1.5111	1.5111	2.10597	4.35141	1.83665	1
cg00794673	ANKS1A	0.153834	0.374714	1.25166	1.25166	0.0867805	1.01618	1.01618	0.652493	0.93637	-1.06795	0.0911166	1.33958	1.33958	0.0261356	1.92144	1.92144	0.362352	1.2078	1.2078	0.0657911	1.61243	1.61243	0.555252	1.0904	1.0904	0.568437	1.08721	1.08721	1.06008	0.710005	0.286148	1
cg19135761	WDR8	0.153834	0.0297067	12.2228	12.2228	0.527364	0.53448	-1.87098	0.816417	0.796526	-1.25545	0.615422	1.64132	1.64132	0.46354	0.481957	-2.07487	0.401591	0.431779	-2.316	0.952272	0.9343126	-1.0603	0.05548	8.35868	8.35868	0.0738421	0.70237	0.70237	2.10594	31.9192	13.4726	1
cg00764153	KCNB1	0.153837	0.0497477	54.5832	54.5832	0.194535	11.6123	11.6123	0.101674	24.5498	24.5498	0.0746018	34.789	34.789	0.994969	0.988795	-1.01133	0.650015	2.62313	2.62313	0.288514	7.19541	7.19541	0.0610706	205.03	205.03	0.176418	5.0636	5.0636	2.10594	44.9575	16.2102	1
cg14411560	KIAA1688	0.153837	0.35881	1.22604	1.22604	0.895904	0.72124	-1.02868	0.25484	1.29275	1.29275	0.576331	0.88522	-1.12966	0.659246	1.10059	1.10059	0.288369	1.26878	1.26878	0.105919	0.528698	-1.89144	0.957156	0.988464	-1.01167	0.0912685	0.669184	1.49436	2.10593	1.55583	0.656698	1
cg09838442	MGAT5B;MGAT5B	0.153838	0.379086	1.28834	1.28834	0.631298	1.1454	1.1454	0.920526	0.972369	-1.02842	0.899311	1.03618	1.03618	0.0173234	0.443181	-2.25641	0.991021	0.996846	-1.00316	0.0453696	0.524939	-1.90498	0.534106	1.19339	1.19339	0.1770367	0.6684425	-1.49605	2.10592	2.62923	1.10977	1
cg23021241	DMAP1;DMAP1;DMAP1;DMAP1	0.153839	0.0947514	0.492463	-2.03048	0.270052	0.856778	-1.16755	0.439144	0.788526	-1.26826	0.107876	1.38871	1.38871	0.0162267	0.7202357	-1.38865	0.0756406	0.523227	-1.91157	0.0556153	1.49182	1.49182	0.0216501	1.23791	1.23791	0.0804417	0.946483	-1.05654	2.10591	3.25701	1.37476	1
cg24686845	PLXNC1	0.153841

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(107T vs. N)	Fold-Change(107T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(1 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg21270027	TRIM26	0.153968	0.0453055	4.3912	4.3912	0.180706	2.49882	2.49882	0.182626	2.48759	2.48759	0.191497	2.314867	-3.17594	0.216866	2.23231	2.23231	?	?	-1.74339	0.822619	0.909192	-1.09988	0.711552	0.787163	1.27058	2.1214	12.3995	5.84496	1
cg03468739	ZC3H3	0.153969	0.112628	1.61731	1.61731	0.248447	1.43831	1.43831	0.221301	1.44154	1.44154	0.786263	0.927129	-1.0786	0.983942	1.01975	1.01975	0.865599	1.04829	1.04829	0.0129176	0.423546	-2.36102	0.912829	0.969977	-1.03095	0.797958	1.07402	1.07402	2.10506	2.583449	1.09092	1
cg23110422	ETS2	0.153973	0.281022	0.594775	-1.68131	0.267839	1.70783	1.70783	0.803921	1.12227	1.12227	0.237894	0.563662	-1.77411	0.0126346	0.237475	-4.21097	0.75917	0.86711	-1.15326	0.248907	1.74867	1.74867	0.59344	1.28386	1.28386	0.3016646	0.608819	-1.64252	2.10503	7.16873	3.02713	1
cg06639959	IL17RE;IL17RE;IL17RE	0.153975	0.141255	0.642205	-1.55692	0.632138	0.873747	-1.1447	0.918073	0.447755	-2.23337	0.590506	0.858983	-1.16417	0.701979	0.880021	-1.13158	0.402283	0.78674	-1.27107	0.267772	1.3813	1.3813	0.0318644	0.495022	-2.02009	0.809327	0.934599	-1.06998	2.10502	2.61043	1.10251	1
cg22488857	ACHE;ACHE	0.153976	0.327867	2.49701	2.49701	0.136015	4.28692	4.28692	0.217022	3.24423	3.24423	0.0405237	8.52803	0.9622367	1.0438	1.0438		0.674009	1.46717	1.46717	0.0946898	5.28146	5.28146	0.0171426	13.9042	13.9042	0.125617	4.48976	4.48976	2.10501	27.3697	11.5574	1
cg27108461	EMID2	0.153978	0.515898	0.779971	-1.2821	0.0231188	2.78386	2.78386	0.335853	1.45405	1.45405	0.615773	1.21031	1.21031	0.500617	0.772683	-1.29419	0.0635512	2.19822	2.19822	0.349913	0.695612	-1.43758	0.826781	0.920653	-1.08619	0.120785	1.88645	1.88645	2.10499	4.744	2.00328	1
cg00936239	UST	0.15398	0.724965	0.951531	-1.05094	0.465299	1.11017	1.11017	0.168126	1.22948	1.22948	0.600319	1.07719	1.07719	0.110619	0.783082	-1.277	0.335931	0.869746	-1.14976	0.017452	1.5023	1.5023	0.465831	0.900878	-1.11003	0.603479	1.07649	1.07649	2.10498	0.6595111	0.278497	1
cg20946229	APOOL	0.153981	0.320203	0.674373	-1.48206	0.488941	1.1585	1.1585	0.192404	1.04143	1.04143	0.114691	2.08436	2.08436	0.171268	0.535986	-1.86572	0.110593	0.479197	2.10454	0.814702	0.3964397	-3.26333	0.667245	0.845907	-1.18919	0.530245	0.761696	-1.31286	2.10498	6.13076	2.58045	1
cg07252731	NTRK3;NTRK3;NTRK3	0.153988	0.66387	0.737719	-1.29246	0.487283	1.51298	1.51298	0.42226	1.63763	1.63763	0.674594	1.94831	1.94831	0.0403142	0.551866	-1.81203	0.563791	0.710075	-1.4083	0.0695587	0.12891	-7.75734	0.893671	0.924538	-1.08162	0.689694	1.26551	1.26551	2.10493	11.4761	4.8462	1
cg04626171	ELK1;ELK1	0.153992	0.0261694	0.0540333	-18.5078	0.683168	0.635142	-1.57445	0.652565	0.605756	-1.65083	0.165103	5.14412	5.14412	0.897662	1.15296	1.15296	0.0369941	0.0686136	-14.5744	0.257248	0.270407	-3.69813	0.968371	1.04483	1.04483	0.49878	2.13728	2.13728	2.10491	40.788	17.2245	1
cg13595518	DAB2IP	0.153993	0.0512709	0.0473409	-21.0709	0.540247	1.85146	1.85146	0.675	0.645354	1.55014	0.167823	5.95882	0.278517	3.59112	0.445141	2.24648	0.0847729	0.0800251	-11.8057	0.0847729	0.0847729	-11.8057	0.583935	0.683754	1.46313	0.0743636	0.513436	-1.9507	0.917796	0.922121	-1.08446	0.47269	2.10491	20.3646	8.55713	1
cg02995295	FAM124A	0.153995	0.944991	1.01089	1.01089	0.235474	1.21558	1.21558	0.239588	1.21331	1.21331	0.0403508	0.697428	-1.43384	0.859629	1.02818	1.02818	0.08577	1.74219	-1.34736	0.0562653	0.712185	-1.40413	0.660094	0.932996	-1.07182	0.869624	1.02613	1.02613	2.10489	0.821826	0.340555	1
cg00107194	AARS	0.153995	0.205082	1.36382	1.36382	0.15515	1.41802	1.41802	0.0804856	2.20419	2.20419	0.0726901	1.58361	1.5836	0.790805	0.940789	-1.06204	0.0622655	1.34019	1.34019	0.386507	1.22596	1.22596	0.918986	0.976914	-1.02363	0.481642	1.01845	1.01845	2.10489	1.57007	0.742005	1
cg07618928	ATG16L1;SCARNA5;ATG16L1	0.153995	0.143857	0.36952	2.36952	0.193261	0.759045	-1.31744	0.876281	0.969283	-1.03169	0.537862	0.882575	-1.13305	0.478145	0.865534	-1.15536	0.155484	0.737592	-1.35576	0.0237845	1.71654	1.71654	0.289751	0.802486	-1.24613	0.849651	1.09271	-1.03873	2.10488	1.33683	0.564541	1
cg16505403	FOXN3	0.153996	0.884016	1.04002	1.04002	0.304422	0.751428	-1.33101	0.969651	0.988824	-1.01028	0.404067	1.26034	1.26034	0.276495	1.35569	1.35569	0.212021	1.42395	1.42395	0.0388736	0.248907	2.44907	0.384933	1.30381	1.30381	0.114533	1.58637	1.58637	2.10488	2.40952	1.01754	1
cg05240095	ZDHHC7;ZDHHC7	0.153999	0.134926	0.775898	-1.28883	0.0577284	0.713316	-1.4019	0.167803	0.799328	-1.25037	-1.27377	0.982181	1.01441	0.810075	0.153979	0.0403155	0.224867	-4.45085	0.481131	0.164736	-6.07132	?	?	0.364688	0.574948	-1.73919	2.12115	10.5416	4.96974	1
cg13370900	TEF;TEF	0.154007	0.456886	0.899284	-1.112	0.584715	0.925591	-1.08039	0.0553292	1.35573	1.35573	0.708671	0.948772	-1.05999	0.407783	1.12596	1.12596	0.288839	0.857044	-1.1668	0.0452016	0.724752	-1.37978	0.637142	1.06884	1.06884	0.120038	1.26654	1.26654	2.10481	0.6543676	0.276352	1
cg00523379	SASH1	0.154007	0.564839	1.49326	1.49326	0.0797294	2.16779	1.22579	0.163624	2.16877	2.16877	0.218077	2.36877	2.36877	0.218077	2.13138	2.13138	0.313417	1.60847	1.60847	0.0947611	0.33	3.03031	0.0047611	0.33	3.03031	0.0047611	0.33	3.03031	0.0047611	1.84148	1.84148	2.10481	13.05	5.5116	1
cg11073811	PTPRF;PTPRF	0.154009	0.208331	2.8668	2.8668	0.553004	1.60986	1.60986	0.103656	0.243403	-4.10841	0.580258	1.55816	1.55816	0.209266	2.7242	2.7242	0.168747	3.2073	3.2073	0.0305551	0.752179	7.52179	0.881921	0.962067	4.26065	0.383551	2.03286	2.03286	2.10479	2.01052	0.87507	1
cg19097500	NFIA	0.154013	0.227704	0.534284	-1.87156	0.340678	1.02597	1.02597	0.815262	1.12265	1.12265	0.776357	1.18252	1.18252	0.0874556	2.20419	2.20419	0.0729551	1.58361	1.58361	0.0784556	0.929547	1.07548	-1.07087	0.964013	1.04067	0.0964013	0.967667	1.04067	0.0964013	0.967667	1.03272	0.442005	1
cg01001744	XYLT1	0.1542	0.730169	1.07496	1.07496	0.673113	1.09263	1.09263	0.390625	0.832226	-1.2016	0.669041	0.914135	-1.09393	0.747058	0.934671	1.0699	0.579202	1.88963	-1.12406	0.00345419	0.436504	-2.29093	0.91155	0.977068	-1.02347	0.78069	1.06	1.06	1.06472	1.45297	0.613634	1
cg22788243	DTHD1;DTHD1;DTHD1	0.1542	0.240476	0.396307	-2.52329	0.0111173	0.0909525	-10.9947	0.0834468	0.236194	-4.2338	0.481056	1.715	1.715	0.371207	0.451099	-2.21681	0.485744	0.586562	-1.70485	0.140466	0.302091	-3.30119	0.281122	0.43021	-2.32445	0.75272	1.26876	1.26876	2.10472	18.9081	7.98548	1
cg07463579	GABBR1;GABBR1;GABBR1	0.154022	0.245335	0.803804	-1.24399	0.71821	0.913586	1.01636	0.0153721	0.9787	1.0787	0.0940924	2.80572	2.80572	0.0178835	2.84632	2.84632	0.820804	0.9195	-1.08757	0.0429029	0.560933	1.7835	-1.78233	0.0290519	-1.29942	0.0173323	1.16463	1.16463	2.10471	6.61532	2.79387	1
cg18126978	GABBR1;GABBR1;GABBR1	0.154027	0.466375	0.774626	-1.29094	0.260463	0.667391	-1.49837	0.919687	1.03536	1.03536	0.305142	1.44174	1.44174	0.0485007	0.459888	-2.17397	0.781319	0.908576	-1.10062	0.509134	0.79395	-1.25953	0.0245836	2.51543	2.51543	0.545958	0.8101447	-1.23434	1.04668	3.95666	1.67106	1
cg08296288	ELAVL3;ELAVL3	0.1543	0.375069	1.16797	-1.04292	0.47063	1.17063	1.17063	0.177946	1.31939	1.31939	0.242155	1.39109	1.39109	0.0496368	1.158	1.158	0.699381	1.16144	1.16144	0.0966823	2.55038	2.55038	0.293714	1.52207	1.52207	0.377022	1.41853	1.41853	2.10483	4.95881	2.06415	1
cg21258057	FLI16779;NKAIN4	0.154035	0.887822	1.08748	1.08748	0.124968	0.302231	-3.30931	0.0220231	-1.27377	0.982181	0.114341	0.810075	1.15379	0.0403155	0.244867	-4.08585	0.408139	0.604899	-1.65317	0.0113811	0.164736	-6.07132	?	?	0.364688	0.574948	-1.73919	2.12115	10.5416	4.96974	1
cg13370900	TEF;TEF	0.154007	0.456886	0.899284	-1.112	0.584715	0.925591	-1.08039	0.0553292	1.35573	1.35573	0.708671	0.948772	-1.05999	0.407783	1.12596	1.12596	0.288839	0.857044	-1.1668	0.0452016	0.724752	-1.37978	0.637142	1.06884	1.06884	0.120038	1.26654	1.26654	2.10481	0.6543676	0.276352	1
cg00523379	SASH1	0.154007	0.564839	1.49326	1.49326	0.0797294	2.16779	1.22579	0.163624	2.16877	2.16877	0.218077	2.36877	2.36877	0.218077	2.13138	2.13138	0.313417	1.60847	1.60847	0.0947611	0.33	3.03031	0.0047611	0.33	3.03031	0.0047611	0.33	3.03031	0.0047611	1.84148	1.84148	2.10481	13.05	5.5116	1
cg11073811	PTPRF;PTPRF	0.154009	0.208331	2.8668	2.8668	0.553004	1.60986	1.60986	0.103656	0.243403	-4.10841	0.580258	1.55816	1.55816	0.209266	2.7242	2.7242	0.168747	3.2073	3.2073	0.0305551	0.752179	7.52179	0.881921	0.962067	4.26065	0.383551	2.03286	2.03286	2.10479	2.01052	0.87507	1
cg19097500	NFIA	0.154013	0.227704	0.534284	-1.87156	0.340678	1.02597	1.02597	0.815262	1.12265	1.12265	0.776357	1.18252	1.18252	0.0874556	2.20419	2.20419	0.0729551	1.58361	1.58361	0.0784556	0.929547	1.07548	-1.07087	0.964013	1.04067	0.0964013	0.967667	1.04067	0.0964013	0.967667	1.03272	0.442005	1
cg01001744	XYLT1	0.1542	0.730169	1.07496	1.07496	0.673113	1.09263	1.09263	0.390625	0.832226	-1.2016	0.669041	0.914135	-1.09393	0.747058	0.934671	1.0699	0.579202	1.88963	-1.12406	0.00345419	0.436504	-2.29093	0.91155	0.977068	-1.02347	0.78069	1.06	1.06	1.06472	1.45297	0.613634	1
cg22788243	DTHD1;DTHD1;DTHD1	0.1542	0.240476	0.396307	-2.52329	0.0111173	0.0909525	-10.9947	0.0834468	0.236194	-4.2338	0.481056	1.715	1.715	0.371207	0.451099	-2.21681	0.485744	0.586562	-1.70485	0.140466	0.302091	-3.30119	0.281122	0.43021	-2.32445	0.75272	1.26876	1.26876	2.10472	18.9081	7.98548	1
cg07463579	GABBR1;GABBR1;GABBR1	0.154022	0.245335	0.803804	-1.24399	0.71821	0.913586	1.01636	0.0153721	0.9787	1.0787	0.0940924	2.80572	2.80572	0.0178835	2.84632	2.84632	0.820804	0.9195	-1.08757	0.0429029	0.560933	1.7835	-1.78233	0.0290519	-1.29942	0.0173323	1.16463	1.16463	2.10471	6.61532	2.79387	1
cg18126978	GABBR1;GABBR1;GABBR1	0.154027	0.466375	0.774626	-1.29094	0.260463	0.667391	-1.49837	0.919687	1.03536	1.03536	0.305142	1.44174	1.44174	0.0485007	0.459888	-2.17397	0.781319	0.908576	-1.10062	0.509134	0.79395	-1.25953	0.0245836	2.51543	2.51543	0.545958	0.8101447	-1.23434	1.04668	3.95666	1.67106	1
cg08296288	ELAVL3;ELAVL3	0.1543	0.375069	1.16797	-1.04292	0.47063	1.17063	1.17063	0.177946	1.31939	1.31939	0.242155	1.39109	1.39109	0.0496368	1.158	1.158	0.699381	1.16144	1.16144	0.0966823	2.55038	2.55038	0.293714	1.52207	1.52207	0.377022	1.41853	1.41853	2.10483	4.95881	2.06415	1
cg14051661	SLC13A5;SLC13A5	0.1543	0.177999	3.24246	3.24246	0.163647	12.1279	12.1279	0.167534	3.33133	3.33133	0.0987239	4.39697	4.39697	0.429757	2.93345	2.93345	0.178182	2.2267	2.2267	0.5147	1.71675	1.71675	0.0381454	1.42043	1.42043	0.872199	1.14075	1.14075	2.10465	22.301	9.41957	1
cg21660580	NFYA;NFYA	0.1543	0.0747093	0.307977	-3.247	0.0589744	0.282211	-3.54344	0.602766	0.732359	-1.36545	0.186678	2.29425	2.29425	0.123537	0.371717	2.69022	0.989679	1.0077	1.0077	0.195908	0.444257	-2.25095	0.316036	1.8496	1.8496	0.180696	0.43033	-2.3238	1.04665	1.1731	4.95452	1
cg23608866	SOX9	0.154031	0.348836	1.78128	1.78128	0.0403722	1.98045	1.98045	0.0202053	2.12517	2.12517	0.0133062	3.91921	3.91921	0.0142394	2.64272	2.64272	0.744441	-1.3451	0.0316414	0.187136	1.87136	1.87136	0.371267	1.2649	1.2649	0.0258789	1.352	1.352	2.10465	2.18402	0.92241	1
cg25683963	OBSL1	0.154033	0.586099	1.21294	1.21294	0.0297092	0.45581	-2.45581	0.817563	1.05846	1.05846	0.82035	0.93234	-1.08314	0.255509	1.51709	1.51709	0.87357	1.05751	1.05751	0.0510016	0.458205	-2.18243	0.883946	1.95708	1.95708	0.958356	1.0185	1.0185	1.04664	4.1093	1.73555	1
cg00214045	RHOT1;RHOT1;RHOT1	0.154038	0.284267	1.31265	1.31265	0.0948258	1.52597	1.52597	0.815262	1.34182	1.34182	0.111545	1.01089828	1.01089828	0.973515	1.12265	1.12265	0.0784556	0.929547	1.07548	-1.07087	0.964013	1.04067	0.0964013	0.967667	1.04067	0.0964013	0.967667	1.03272	0.442005	1.84148	1.84148	2.10481	13.05	5.5116	1
cg25202845	UBL7;UBL7;UBL7	0.154042	0.681751	1.09667	1.09667	0.380218	1.22318	1.22318	0.190196	1.36412	1.36412	0.305966	1.26773	1.26773	0.894239	1.03022	1.03022	0.385203	1.819344	-1.22049	0.424059	0.832995	-1.20049	0.0119107	2.01867	2.01867	0.0880152	1.52404	1.52404	2.10458	1.66964	0.70519	1
cg26004086	PRDM16;PRDM16	0.154043	0.289717	0.69105	-1.44707	0.669333	0.865481	-1.15543	0.36441	0.73094	-1.3681	0.882631	0.951535	-1.05093	0.504747	0.279511	-3.57767	0.360545	1.37177	1.37177	0.969525	0.982315	-1.01293	0.580571	0.828879	-1.20645	0.959822	0.728621	-1.37246	1.04577	3.7694	1.59205	1
cg11040315	TNND1;TNND1;TNND1	0.154043	0.337257	1.0056	1.0056	0.984256	0.995429	1.25129	0.0153316	2.33955	2.33955	0.0268324	0.870817	1.14836	0.143095	1.51533	1.51533	0.708844	1.14913	1.14913	0.0305551	0.752179	7.52179	0.881921	0.962067	4.26065	0.383551	2.03286	2.03286	2.10479	2.01052	0.87507	1
cg06988003	FLJ42709;FLJ42709	0.154045	0.387692	1.1866	1.1866	0.0601061	1.50654	1.50654	0.681419	1.08304	1.08304	0.480233	1.14875	1.14875	0.581965	1.11343	1.11343	0.383387	1.840721	-1.18946	0.127451	0.727232	-1.37508	0.539612	0.886912	-1.12751	0.027671	1.6538	1.6538	2.10456	1.24472	0.525725	1
cg01585587	BATF	0.154049	0.345739	1.64352	1.64352	0.131029	1.84157	1.84157	0.183555	0.538076	1.85872	0.0148485	0.878444	1.13859	0.0313158	2.39466	2.39466	0.339395	2.94962	1.94069	0.0313158	2.39466	2.94962	1.94069	0.0313158	2.39466	2.94962	1.94069	0.0313158	2.39466

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13316587	EPHB1	0.154279	0.232328	0.837963	-1.19337	0.916053	0.985229	-1.01499	0.480692	0.903778	-1.10647	0.0606401	0.741904	-1.34788	0.098267	0.774193	-1.29167
cg25064552	SLC39A1	0.154281	0.474954	1.21944	1.21944	0.291839	1.34804	1.34804	0.519203	0.836586	-1.19533	0.457184	1.22967	1.22967	0.473334	0.819432	-1.22036
cg24979495	TRIM50	0.154283	0.210722	0.692499	-1.44405	0.0165106	2.26165	2.26165	0.232128	1.41787	1.41787	0.666128	1.12857	1.12857	0.721399	0.90505	-1.10491
cg16727986	SASS6;CCDC76;CCDC76	0.154283	0.675252	0.917267	-1.0902	0.0396963	1.62817	1.62817	0.11499	1.42086	1.42086	0.0795399	0.671085	-1.49012	0.159767	1.36054	1.36054
cg02731980	VPS37C	0.154284	0.0231928	2.11444	2.11444	0.90718	0.968331	-1.0327	0.780267	0.925742	-1.08021	0.195873	1.45844	1.45844	0.111524	1.6132	1.6132
cg03865041	AP1G1;AP1G1;AP1G1;AP1G1	0.154286	0.785744	0.955245	-1.04685	0.0167777	1.63308	1.63308	0.437355	0.875349	-1.1424	0.842871	0.9672	-1.03391	0.929485	0.985237	-1.01498
cg15709235	ROBO1;ROBO1;ROBO1;ROBO1;ROBO1;ROBO1;ROBO1	0.154289	0.321927	0.883342	-1.13206	0.0479029	1.31544	1.31544	0.390438	1.11258	1.11258	0.115651	0.81276	-1.23038	0.986452	1.00206	1.00206
cg27400113	MEIS1	0.15429	0.0274709	0.380538	-2.62786	0.0985082	0.511065	-1.9567	0.663083	0.850095	-1.17634	0.263352	1.54034	1.54034	0.542409	1.25666	1.25666
cg25010622	EIF2S2	0.154291	0.774732	1.05807	1.05807	0.997183	1.00069	1.00069	0.466999	1.15672	1.15672	0.557233	1.12386	1.12386	0.606035	1.10775	1.10775
cg10547057	LOC100270746;C6orf41	0.154292	0.345306	1.19843	1.19843	0.167637	0.760409	-1.31508	0.306559	0.821078	-1.21791	0.0845861	1.42655	1.42655	0.738892	1.06428	1.06428
cg24728018	CLVS2;CLVS2	0.154295	0.526335	0.918956	-1.08819	0.320326	1.14474	1.14474	0.248652	1.17204	1.17204	0.437967	1.10977	1.10977	0.0994069	0.788393	-1.2684
cg02003184	KLK1	0.154296	0.960857	1.02636	1.02636	0.0274227	0.25082	-3.98692	0.129021	0.419129	-2.3859	0.951222	0.968091	-1.03296	0.391696	0.628006	-1.59234
cg23759189	NTM	0.154296	0.87033	1.0897	1.0897	0.112718	0.403398	-2.47894	0.0568989	0.322065	-3.10496	0.853793	1.10186	1.10186	0.600887	0.757649	-1.31987
cg27140170	SP100;SP100	0.154298	0.861089	1.03544	1.03544	0.100917	0.699627	-1.42933	0.0260246	0.591414	-1.69086	0.64483	0.911843	-1.09668	0.022409	0.580471	-1.72274
cg18119166	EIF2C2;EIF2C2	0.1543	0.0526695	1.31856	1.31856	0.099695	0.797312	-1.25421	0.970477	0.995365	-1.00466	0.0622727	0.76838	-1.30144	0.773536	0.964428	-1.03688
cg05821464	GRAMD4	0.154301	0.145141	0.560551	-1.78396	0.0503196	2.28286	2.28286	0.129348	1.83359	1.83359	0.682759	0.858965	-1.16419	0.71747	0.874208	-1.14389
cg03060228	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.154304	0.557212	1.34706	1.34706	0.00787716	5.53354	5.53354	0.0239179	3.86629	3.86629	0.492675	1.4186	1.4186	0.333193	1.65027	1.65027
cg07246187	CTDSP2	0.154308	0.579274	0.755759	-1.32317	0.0312737	3.53758	3.53758	0.844948	1.10285	1.10285	0.462893	0.688235	-1.45299	0.0177408	0.236533	-4.22773
cg10403394	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.15431	0.117414	0.36583	-2.73351	0.0829341	0.321325	-3.11211	0.637668	1.3238	1.3238	0.358104	0.571887	-1.7486	0.118772	0.367418	-2.7217
cg15710695	ALG8;ALG8	0.154317	0.946059	0.992494	-1.00756	0.00776893	1.46324	1.46324	0.866916	0.981496	-1.01885	0.165678	0.8482	-1.17897	0.796077	0.971572	-1.02926
cg11706746	B3GAT3	0.154322	0.367432	1.18648	1.18648	0.0352946	1.57263	1.57263	0.219288	1.26945	1.26945	0.995176	1.00112	1.00112	0.0357717	1.5702	1.5702
cg15849864	HCN4	0.154324	0.486235	0.8299	-1.20496	0.232613	0.719022	-1.39078	0.724864	0.911079	-1.0976	0.369046	0.784176	-1.27522	0.130509	0.650281	-1.5378
cg21162304	NAA11	0.154326	0.099473	0.575772	-1.7368	0.571588	1.19098	1.19098	0.0802549	0.55252	-1.80989	0.0896466	0.564362	-1.77191	0.622518	0.859245	-1.16381
cg24176678	C20orf166;C20orf166;C20orf200	0.154326	0.82761	0.966388	-1.03478	0.347549	0.859307	-1.16373	0.33519	1.1686	1.1686	0.258203	1.20316	1.20316	0.189133	0.804059	-1.24369
cg05914981	AGER;AGER	0.154326	0.170599	0.737122	-1.35663	0.719269	0.927334	-1.07836	0.174807	0.739595	-1.35209	0.690242	0.919681	-1.08733	0.0232923	0.567394	-1.76244
cg06845991	CLDN12;CLDN12	0.154327	0.372549	0.876373	-1.14107	0.0778956	1.32632	1.32632	0.0427339	1.39967	1.39967	0.967404	1.00591	1.00591	0.245458	1.19138	1.19138
cg10514593	INPP5A	0.154332	0.195754	0.724483	-1.3803	0.0232158	1.89492	1.89492	0.357148	1.24993	1.24993	0.93287	1.02004	1.02004	0.347248	0.796132	-1.25607
cg06876872	ARL8A	0.154336	0.772545	0.821853	-1.21676	0.0876833	3.58256	3.58256	0.385432	1.82642	1.82642	0.0996847	3.39207	3.39207	0.0861863	0.277096	-3.60886
cg12184988	PITPNB	0.154337	0.833843	1.08248	1.08248	0.0222493	0.355649	-2.81176	0.152132	0.560579	-1.78387	0.383133	1.40133	1.40133	0.752405	0.88745	-1.12682
cg21593628	APBB2;APBB2;APBB2	0.154338	0.0595305	0.157776	-6.33811	0.0848533	0.191163	-5.23113	0.659717	0.680633	-1.46922	0.659171	0.680179	-1.4702	0.0385172	0.124756	-8.01564
cg04824341	CHCHD8;PAAF1	0.154339	0.12384	1.34247	1.34247	0.785376	0.952908	-1.04942	0.2355	1.24571	1.24571	0.0115281	0.572149	-1.7478	0.399129	1.16479	1.16479
cg05147070	KPNA4	0.154339	0.974097	0.996495	-1.00352	0.895254	0.985857	-1.01435	0.185868	0.859268	-1.16378	0.0541706	0.78954	-1.26656	0.362334	1.10655	1.10655
cg02302670	FGF17	0.154342	0.826524	1.0689	1.0689	0.250341	0.694455	-1.43998	0.166526	0.639055	-1.56481	0.379337	1.3149	1.3149	0.831721	0.937449	-1.06673
cg14880788	IRS1	0.154343	0.363261	0.696727	-1.43528	0.336059	0.68139	-1.46759	0.126812	0.527991	-1.89397	0.694075	0.85823	-1.16519	0.00769751	0.265977	-3.75972
cg12691366	HSPC159	0.154344	0.492761	1.34158	1.34158	0.00535582	0.212857	-4.69798	0.671605	0.835374	-1.19707	0.926502	1.03969	1.03969	0.444456	0.719761	-1.38935
cg23093692	SLC35F3	0.154345	0.652816	1.26919	1.26919	0.649288	1.27253	1.27253	0.569375	0.738812	-1.35352	0.491923	1.44404	1.44404	0.0172472	0.217132	-4.60549
cg05813703	BAT3;BAT3;BAT3;BAT3	0.154347	0.0278642	0.559987	-1.78575	0.777744	1.06517	1.06517	0.88117	0.967177	-1.03394	0.804596	0.946197	-1.05686	0.168913	0.721068	-1.38683
cg08950915	C16orf11	0.154348	0.293994	0.350887	-2.84992	0.061743	0.128609	-7.77548	0.228129	0.295417	-3.38505	0.214136	0.283267	-3.53024	0.283518	0.34221	-2.92218
cg04772683	KLK10;KLK10;KLK10	0.154348	0.285723	0.642447	-1.55655	0.0910037	0.475704	-2.10215	0.145336	0.535779	-1.86644	0.134814	0.525514	-1.9029	0.816085	0.911215	-1.09744
cg17428744	UTP11L	0.154348	0.40582	0.857792	-1.16578	0.34964	1.18964	1.18964	0.018135	1.67788	1.67788	0.154063	0.759407	-1.31682	0.725669	1.0656	1.0656
cg03813899	CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTN	0.154349	0.139869	1.30627	1.30627	0.657481	0.927692	-1.07794	0.449684	0.878479	-1.13833	0.624397	0.920351	-1.08654	0.247536	1.2255	1.2255
cg11123644	TTLL4	0.154354	0.940531	1.03043	1.03043	0.108856	2.01905	2.01905	0.639055	1.20902	1.20902	0.261727	0.624844	-1.6004	0.2195	0.595227	-1.68003
cg04579800	PGPEP1	0.154354	0.430506	0.907293	-1.10218	0.122103	1.22458	1.22458	0.891401	0.983619	-1.01665	0.521284	0.924407	-1.08177	0.5347	0.926795	-1.07899
cg13571319	UACA;UACA	0.154357	0.0655024	0.340724	-2.93493	0.219144	0.510138	-1.96025	0.0232078	0.243331	-4.10963	0.104862	0.397286	-2.51708	0.0496118	0.311418	-3.21112
cg18738058	THSD7A	0.154359	0.308844	0.853688	-1.17139	0.945835	0.989847	-1.01026	0.560755	1.09237	1.09237	0.111637	0.770867	-1.29724	0.112346	0.771333	-1.29646
cg15331902	SLC26A4;LOC286002	0.154363	0.387885	0.82001	-1.2195	0.0946552	1.50967	1.50967	0.969738	1.00854	1.00854	0.51967	0.863858	-1.1576	0.0324588	0.570422	-1.75309
cg22023770	C6orf114;GFOD1	0.154365	0.935783	1.00987	1.00987	0.330225	1.13032	1.13032	0.154505	1.20419	1.20419	0.0253305	1.38284	1.38284	0.0903163	1.25553	1.25553
cg19854213	RIMBP2	0.154366	0.60313	1.32076	1.32076	0.294723	1.77961	1.77961	0.963211	0.975833	-1.02477	0.525499	1.40668	1.40668	0.0403643	0.284794	-3.51131
cg14229362	TRIB2;TRIB2	0.154367	0.234743	0.693375	-1.44222	0.324618	0.741506	-1.34861	0.622788	1.15693	1.15693	0.149842	0.635126	-1.57449	0.0463997	0.511311	-1.95576
cg09439264	ACAP3	0.154369	0.376621	1.16078	1.16078	0.972947	0.994443	-1.00559	0.967489	1.00672	1.00672	?	?	?	0.0800131	0.726738	-1.37601
cg19204194	GAR1;GAR1	0.154369	0.44064	0.792873	-1.26124	0.405534	1.28552	1.28552	0.041069	2.00516	2.00516	0.712391	0.896477	-1.11548	0.385123	0.768896	-1.30057
cg16328412	IGSF1;IGSF1;IGSF1;IGSF1;IGSF1	0.154371	0.0889283	0.445715	-2.24358	0.0684815	0.415437	-2.4071	0.470598	0.728969	-1.3718	0.56121	1.28794	1.28794	0.105735	0.467158	-2.1406
cg26189021	KCNC4;KCNC4;KCNC4	0.154372	0.171246	0.551694	-1.8126	0.620503	0.815643	-1.22603	0.15501	1.86145	1.86145	0.769978	0.887178	-1.12717	0.04805	0.397479	-2.51585
cg08301941	G6PC3;G6PC3;G6PC3	0.154372	0.767684	0.965628	-1.0356	0.907235	0.986331	-1.01386	0.447552	0.912655	-1.0957	0.158509	0.836963	-1.1948	0.0698908	1.27038	1.27038
cg11327565	GABARAPL3	0.154372	0.931033	0.977161	-1.02337	0.302886	0.752126	-1.32956	0.429729	1.24005	1.24005	0.269767	0.735842	-1.35899	0.0820208	0.597912	-1.67249
cg09932436	KANK2;KANK2	0.154375	0.0775984	0.351555	-2.84451	0.690392	1.23785	1.23785	0.746189	0.841071	-1.18896	0.109389	0.39444	-2.53524	0.0193803	0.221628	-4.51208
cg05889842	FAM194A;FAM194A	0.154376	0.459361	1.3097	1.3097	0.0350276	0.414941	-2.40998	0.554486	0.807262	-1.23876	?	?	?	0.557173	0.808461	-1.23692
cg26310256	EGFL6;EGFL6	0.154377	0.0337385	0.282475	-3.54013	0.0961506	0.393956	-2.53836	0.38326	1.5775	1.5775	0.714521	1.20599	1.20599	0.444729	0.672195	-1.48766
cg24129310	HGS	0.154377	0.545339	0.849183	-1.1776	0.201933	0.697752	-1.43317	0.112741	0.630573	-1.58586	0.571519	1.165	1.165	0.122221	0.639292	-1.56423
cg18089852	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.154381	0.573141	1.08227	1.08227	0.385066	1.13164	1.13164	0.291313	1.16424	1.16424	0.221968	1.19514	1.19514	0.90945	1.01593	1.01593
cg14365570	HEATR4;C14orf169	0.154383	0.049068	20.9518	20.9518	0.723022	0.617632	-1.61909	0.645827	0.534416	-1.8712	0.44092	0.34503	-2.8983	0.474487	0.37349	-2.67745
cg07413467	CDK6;CDK6	0.154384	0.0494695	6.4308	6.4308	0.12505	3.96891	3.96891	0.618168	1.5177	1.5177	0.177635	3.28513	3.28513	0.195958	3.11218	3.11218
cg27210852	POFUT2;POFUT2;POFUT2	0.154384	0.282465	0.700839	-1.42686	0.0786435	0.537046	-1.86204	0.188455	0.64177	-1.55819	0.447843	0.781755	-1.27917	0.00842494	0.342695	-2.91805
cg00226931	GAL;GAL	0.154385	0.321124	0.290043	-3.44776	0.798202	0.733918	-1.36255	0.110857	8.14578	8.14578	0.355397	0.317304	-3.15155	0.141188	0.147976	-6.75784
cg08433486	DEPDC1B;DEPDC1B	0.154387	0.720936	1.19248	1.19248	0.202472	1.93554	1.93554	0.056682	2.88253	2.88253	0.214404	0.526513	-1.89929	0.265145	0.565567	-1.76814
cg09081385	RNF10	0.154387	0.715188	0.827841	-1.20796	0.521162	1.39895	1.39895	0.642799	1.27238	1.27238	?	?	?	0.0786997	0.359625	-2.78068
cg23202979	CADM1;CADM1	0.154389	0.494566	0.934164	-1.07048	0.135254	1.17126	1.17126	0.0622915	1.2288	1.2288	0.84306	1.01965	1.01965	0.0335692	1.27604	1.27604
cg04958882	KCNG1	0.154391	0.742738	0.941255	-1.06241	0.37538	0.84601	-1.18202	0.0501597	0.663347	-1.50751	0.426253	0.861287	-1.16105	0.151904	1.32598	1.32598
cg01087880	CRELD1;CRELD1;CRELD1	0.154394	0.253867	0.808666	-1.2366	0.826973	1.03979	1.03979	0.664229	0.925109	-1.08095	0.227562	0.797906	-1.25328	0.00819128	0.54717	-1.82758
cg00374346	NHSL2;RGAG4;RGAG4	0.154395	0.261234	1.64181	1.64181	0.117635	2.05261	2.05261	0.431383	0.711897	-1.4047	0.10781	0.475896	-2.1013	0.0608938	0.409028	-2.44482
cg10370872	CBFA2T3;CBFA2T3	0.154396	0.952043	0.972502	-1.02828	0.774069	0.875086	-1.14274	0.792851	1.12977	1.12977	0.708735	1.19002	1.19002	0.339774	0.633732	-1.57795
cg09592456	GNB1L	0.154396	0.657601	0.935251	-1.06923	0.973733	0.995071	-1.00495	0.241882	0.832085	-1.2018	0.354869	0.866902	-1.15353	0.0150481	0.638634	-1.56584
cg25535652	EPHA7	0.154398	0.0813241	1.66586	1.66586	0.3125	1.31777	1.31777	0.730957	1.09545	1.09545	0.691406	1.11113	1.11113	0.260426	0.733427	-1.36346
cg01430621	MRPS16	0.154402	0.755436	1.10721	1.10721	0.314119	0.712252	-1.404	0.314489	0.712449	-1.40361	0.302406	0.705938	-1.41656	0.453045	0.779457	-1.28294
cg20297544	EPHB2;EPHB2	0.154405	0.0258075	0.278309	-3.59312	0.0857838	0.399515	-2.50304	0.0902449	0.405704	-2.46485	0.0875136	0.401939	-2.48794	0.0391311	0.315512	-3.16945
cg08199727	ROCK2	0.154407	0.42902	0.885202	-1.12969	0.067007	0.733382	-1.36355	0.068883	0.73529	-1.36001	0.544568	1.09705	1.09705	0.0670846	0.733462	-1.3634
cg00531789	PI16	0.154408	0.870299	0.956345	-1.04565	0.0407262	1.90662	1.90662	0.266847	0.729061	-1.37163	0.106778	1.6177	1.6177	0.565692	1.17188	1.17188
cg16348158	PRDM16;PRDM16	0.154408	0.0682571	0.231216	-4.32496	0.337917	0.492331	-2.03115	0.618858	0.697867	-1.43294	0.250881	0.422928	-2.36447	0.112005	0.289	-3.46021
cg27048949	SNORD115-17;SNORD115-18;SNORD115-19	0.15441	0.0391594	0.201416	-4.96484	0.569433	0.679779	-1.47107	0.703949	0.773908	-1.29214	0.187458	0.391462	-2.55453	0.0252296	0.167541	-5.96868
cg00277384	SH3PXD2A	0.15441	0.527827	0.809006	-1.23609	0.371421	0.737787	-1.35541	0.0552901	0.486798	-2.05424	0.806543	0.921918	-1.0847	0.211415	0.646456	-1.5469
cg01074356	DAB1	0.154411	0.778669	0.900913	-1.10999	0.543782	1.25554	1.25554	0.164857	0.577688	-1.73104	0.116875	0.532129	-1.87924	0.191552	0.599271	-1.66869
cg26372423	DGCR8	0.154416	0.696756	1.08247	1.08247	0.284014	0.798342	-1.2526	0.309525	1.23714	1.23714	0.244729	1.2792	1.2792	0.78944	1.05565	1.05565
cg15383276	RASL10A;RASL10A	0.154418	0.725504	1.43295	1.43295	0.158067	4.66496	4.66496	0.18675	4.17113	4.17113	0.191608	4.0991	4.0991	0.0288998	13.8583	13.8583
cg12780873	HRNBP3	0.154419	0.798664	1.19721	1.19721	0.0854884	3.81391	3.81391	0.962986	0.967849	-1.03322	0.604142	0.691895	-1.44531	0.0600649	0.224537	-4.45361
cg19997062	SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.15442	0.196148	0.209722	-4.76821	0.277621	0.275206	-3.63364	0.862777	0.820621	-1.21859	0.0481469	13.2094	13.2094	0.0812351	9.10523	9.10523
cg13554878	TMEM181	0.154422	0.449266	1.44475	1.44475	0.226396	1.8333	1.8333	0.674404	0.817401	-1.22339	0.0614914	2.7325	2.7325	0.245786	0.560314	-1.78471
cg04207385	CNR1;CNR1;CNR1;CNR1	0.154424	0.0603903	14.5085	14.5085	0.183434	5.94518	5.94518	0.11355	8.79963	8.79963	0.226838	4.96572	4.96572	0.825753	1.32111	1.32111
cg07266144	PDLIM4;PDLIM4	0.154425	0.560492	1.20956	1.20956	0.409776	1.31321	1.31321	0.016043	2.59256	2.59256	0.395333	1.32495	1.32495	0.338101	1.37601	1.37601
cg26078244	SLC12A7;SLC12A7	0.154428	0.171448	0.300316	-3.32982	0.203916	0.330285	-3.02769	0.86646	0.870186	-1.14918	0.488042	0.558759	-1.78968	0.0976072	0.222751	-4.48931
cg05410910	CDH5	0.154431	0.923903	0.960389	-1.04124	0.0104374	0.255641	-3.91174	0.244827	0.5977	-1.67308	0.706806	0.852266	-1.17334	0.143063	0.513853	-1.94608
cg09623623	TSPAN18	0.154432	0.0534253	0.616694	-1.62155	0.124844	0.69346	-1.44204	0.288674	0.78452	-1.27467	0.148823	0.710955	-1.40656	0.307227	0.792243	-1.26224
cg12421814	HGFAC	0.154433	0.0357645	0.488399	-2.04751	0.529306	1.20553	1.20553	0.554743	0.839225	-1.19153	0.0583579	0.533977	-1.87274	0.0724631	0.555505	-1.80016
cg06481076	POLS	0.154436	0.258667	1.51633	1.51633	0.227313	1.56471	1.56471	0.0855995	1.95656	1.95656	0.670113	0.859534	-1.16342	0.0367007	0.424284	-2.35691
cg15995125	RCC2;RCC2	0.154438	0.23461	2.64358	2.64358	0.118628	3.7503	3.7503	0.0499365	5.72367	5.72367	0.974137	0.975021	-1.02562	0.555173	0.62771	-1.59309
cg02867123	ZNF343	0.15444	0.62736	0.934671	-1.0699	0.0146179	1.51475	1.51475	0.0327293	1.41207	1.41207	0.823895	0.969687	-1.03126	0.37914	1.13271	1.13271
cg13823245	RHOXF2B;RHOXF2	0.15444	0.596535	0.862854	-1.15895	0.676323	0.890544	-1.12291	0.0578645	0.553194	-1.80769	0.0283173	0.4893	-2.04373	0.0486592	0.537	-1.8622
cg22447396	NUP210L;NUP210L	0.154441	0.18709	0.904905	-1.10509	0.527882	0.955325	-1.04676	0.182579	0.90386	-1.10637	0.387799	0.938704	-1.0653	0.0114561	0.797651	-1.25368
cg04707348	ZAP70;ZAP70	0.154442	0.82623	0.945589	-1.05754	0.517873	0.846359	-1.18153	0.30297	0.762234	-1.31193	0.588114	0.870112	-1.14928	0.0480297	0.562666	-1.77725
cg15722905	FAM163A	0.154446	0.0326118	0.536593	-1.86361	0.197526	0.712418	-1.40367	0.200618	0.714263	-1.40004	0.425952	0.816789	-1.22431	0.0155402	0.477716	-2.09329
cg20431676	FAM38A	0.154448	0.0323487	0.704069	-1.42032	0.854543	1.02603	1.02603	0.285175	1.16818	1.16818	0.987426	1.00221	1.00221	0.822149	0.968966	-1.03203
cg01870679	ZNF506;ZNF506	0.154448	0.285245	2.16634	2.16634	0.976378	1.02084	1.02084	0.519179	1.57637	1.57637	0.172557	2.74864	2.74864	0.0950681	3.58764	3.58764
cg27644292	SNRPN;SNRPN;SNRPN;SNRPN	0.154452	0.106502	0.351921	-2.84155	0.25111	0.491398	-2.03501	0.234017	0.477477	-2.09434	0.220564	0.466204	-2.14498	0.0883442	0.328193	-3.04699
cg13617087	PSORS1C1;PSORS1C2	0.154453	0.393598	1.34801	1.34801	0.532741	0.8058	-1.241	0.24823	0.662	-1.51057	0.818104	1.0819	1.0819	0.0120183	0.342825	-2.91694
cg08805500	UHRF1BP1L;UHRF1BP1L	0.154454	0.0397663	0.274091	-3.64842	0.0874937	0.358066	-2.79278	0.122157	0.401669	-2.48961	0.168291	0.449625	-2.22408	0.0352571	0.263146	-3.80018
cg03760839	TBX15	0.154462	0.325951	1.60239	1.60239	0.992095	0.995405	-1.00462	0.84072	0.910697	-1.09806	0.255945	1.73549	1.73549	0.948469	1.0305	1.0305
cg09603520	E2F3	0.154463	0.88004	0.972834	-1.02792	0.312144	0.826397	-1.21007	0.342971	1.19503	1.19503	0.0353206	1.5636	1.5636	0.046859	1.5143	1.5143
cg25705526	SNAPIN	0.154464	0.0189397	0.708662	-1.41111	0.513598	0.922858	-1.08359	0.82788	1.02674	1.02674	0.91775	1.0126	1.0126	0.757721	0.963198	-1.03821
cg17931041	CCDC108;CCDC108	0.154465	0.989777	1.0068	1.0068	0.0045801	0.135876	-7.35964	0.398349	0.633022	-1.57972	0.990823	1.0061	1.0061	0.514879	0.705244	-1.41795
cg24895834	PRKCQ	0.154466	0.550112	1.14445	1.14445	0.117789	1.46089	1.46089	0.409603	0.828457	-1.20706	0.256775	1.3023	1.3023	0.306577	0.789611	-1.26645
cg21660826	PTPRN2;PTPRN2;PTPRN2	0.154472	0.410126	0.859158	-1.16393	0.292931	1.21729	1.21729	0.0576836	0.679228	-1.47226	0.286688	1.22065	1.22065	0.239878	1.2483	1.2483
cg19595956	HIST1H4E	0.154473	0.100973	0.51934	-1.92552	0.0861847	1.99874	1.99874	0.134928	1.79749	1.79749	0.963985	1.01637	1.01637	0.847782	1.07157	1.07157
cg15864779	ATP5H;KCTD2;ATP5H	0.154476	0.834987	1.14928	1.14928	0.886592	1.09986	1.09986	0.858925	1.126	1.126	0.00362712	0.0723981	-13.8125	0.879626	0.903858	-1.10637
cg23818888	LOC100128292;DLG5	0.154478	0.0702012	0.627802	-1.59286	0.431545	0.831409	-1.20278	0.437872	1.19962	1.19962	0.178758	0.719971	-1.38894	0.118285	0.677025	-1.47705
cg00599601	FAT2	0.154479	0.699019	1.36939	1.36939	0.0403338	6.79659	6.79659	0.235119	2.73702	2.73702	0.184763	0.320414	-3.12097	0.088156	0.21816	-4.58379
cg00733288	CARS2	0.15448	0.320075	0.471524	-2.12078	0.670659	1.36338	1.36338	0.543217	0.639594	-1.56349	0.267758	0.428607	-2.33314	0.21486	0.382167	-2.61666
cg15281876	WEE2;FLJ40852	0.154488	0.234731	0.859297	-1.16374	0.881559	1.01832	1.01832	0.715738	0.95645	-1.04553	0.71361	0.956113	-1.0459	0.135691	0.822198	-1.21625
cg17331742	BCAS3;BCAS3	0.154489	0.124504	0.312854	-3.19638	0.0359409	0.181793	-5.50076	0.103046	0.287652	-3.47643	0.490845	1.63058	1.63058	0.179198	0.369022	-2.70987
cg13657511	INPP5A	0.15449	0.644831	0.870443	-1.14884	0.0173305	2.37823	2.37823	0.248875	1.43376	1.43376	0.974642	1.00955	1.00955	0.0556681	0.522985	-1.9121
cg22686731	NOP10	0.15449	0.219407	1.43925	1.43925	0.600839	1.16048	1.16048	0.00817618	2.59662	2.59662	0.358437	1.30506	1.30506	0.477556	1.22581	1.22581
cg11622008	SPSB4	0.154494	0.873654	1.10421	1.10421	0.590401	1.40282	1.40282	0.0910499	0.313644	-3.18833	0.877638	0.908487	-1.10073	0.073387	0.288345	-3.46807
cg11902961	GP1BA	0.154505	0.0267152	0.0664411	-15.0509	0.438781	0.442363	-2.26058	0.0649851	0.117636	-8.50082	0.500998	0.493897	-2.02471	0.0251208	0.0638469	-15.6625
cg17689702	CUL4A;CUL4A	0.154505	0.383582	0.712004	-1.40449	0.845618	0.928568	-1.07693	0.47082	1.32167	1.32167	0.386316	0.713463	-1.40162	0.0255471	0.364685	-2.7421
cg25377358	SEC23IP	0.154507	0.304925	0.874976	-1.14289	0.0364642	1.35749	1.35749	0.98311	1.00266	1.00266	0.513698	0.92011	-1.08683	0.0541414	1.31623	1.31623
cg16721177	GLT8D2	0.15451	0.133694	4.58707	4.58707	0.732706	1.38103	1.38103	0.38262	2.3237	2.3237	0.376883	2.3488	2.3488	0.261046	0.331598	-3.0157
cg02876925	11-Sep	0.154516	0.361714	1.53547	1.53547	0.0941792	2.32024	2.32024	0.688146	1.20268	1.20268	0.19448	1.87347	1.87347	0.961926	1.02207	1.02207
cg24011351	SLC22A8	0.154518	0.076514	1.49694	1.49694	0.676447	0.917659	-1.08973	0.0316436	0.596987	-1.67508	0.716136	1.07764	1.07764	0.308255	1.24101	1.24101
cg13533069	PRPF4B	0.154519	0.00812938	0.325697	-3.07034	0.831528	1.07308	1.07308	0.626896	1.17608	1.17608	0.341755	0.723013	-1.3831	0.185534	0.628264	-1.59169
cg03662648	DENND1C	0.154519	0.809058	0.901272	-1.10954	0.432715	0.709083	-1.41027	0.0171982	0.287509	-3.47816	0.0365182	0.352215	-2.83918	0.095348	0.455305	-2.19633
cg07709485	PIAS1	0.15452	0.7405	0.927031	-1.07871	0.343829	1.24895	1.24895	0.163802	1.40318	1.40318	0.314128	1.26784	1.26784	0.128423	0.687542	-1.45446
cg20781140	GPR155;GPR155	0.154522	0.212721	0.848682	-1.1783	0.13463	1.22343	1.22343	0.310313	1.14024	1.14024	0.302709	1.14279	1.14279	0.378385	1.11961	1.11961
cg05778559	DAZL	0.154523	0.849023	0.960852	-1.04074	0.041846	1.6348	1.6348	0.0845486	0.67046	-1.49151	0.371361	1.21208	1.21208	0.266177	0.784446	-1.27479
cg26126750	TFRC;TFRC	0.154526	0.503561	0.810519	-1.23378	0.202972	1.51579	1.51579	0.0411496	2.07333	2.07333	0.922411	1.03061	1.03061	0.97718	0.991187	-1.00889
cg15821939	MIR596	0.154528	0.234313	1.67893	1.67893	0.0409797	2.66516	2.66516	0.248766	1.65046	1.65046	0.245971	1.65582	1.65582	0.45579	1.37121	1.37121
cg24580035	HLA-A	0.154531	0.15992	2.74232	2.74232	0.0332731	5.32101	5.32101	0.0397914	4.93761	4.93761	0.895971	1.09186	1.09186	0.711754	0.779312	-1.28318
cg01767116	FBXL22	0.154533	0.0795063	0.437559	-2.2854	0.184075	0.5497	-1.81917	0.207381	0.568588	-1.75874	0.724126	0.860288	-1.1624	0.0252335	0.323021	-3.09577
cg13261989	POLA2	0.154535	0.253547	1.25056	1.25056	0.276939	1.23619	1.23619	0.283886	1.23214	1.23214	0.734838	1.06582	1.06582	0.914193	1.02042	1.02042

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13316587	0.270322	0.850447	-1.17585	0.0080558	0.619369	-1.61455	0.348346	0.872607	-1.14599	0.800798	0.964946	-1.03633	2.10302	0.663473	0.280431	1
cg25064552	0.82076	1.06393	1.06393	0.398387	0.789704	-1.2663	0.293944	1.34616	1.34616	0.00924203	0.405708	-2.46482	2.10301	2.48341	1.04967	1
cg24979495	0.89507	0.963901	-1.03745	0.050269	1.86232	1.86232	0.749517	0.914616	-1.09336	0.719947	1.10552	1.10552	2.10299	2.58572	1.09293	1
cg16727986	0.461173	0.857478	-1.16621	0.777026	0.94347	-1.05992	0.430247	0.847883	-1.17941	0.860303	1.03676	1.03676	2.10299	1.39907	0.591357	1
cg02731980	0.155245	1.52138	1.52138	0.127219	0.634408	-1.57627	0.803653	0.933579	-1.07115	0.575119	1.16912	1.16912	2.10299	2.53532	1.07162	1
cg03865041	0.44091	1.14118	1.14118	0.0453657	0.679957	-1.47068	0.977279	1.0048	1.0048	0.359669	0.853631	-1.17147	2.10297	0.940474	0.397522	1
cg15709235	0.389861	0.898692	-1.11273	0.238299	0.860938	-1.16152	0.222021	1.16834	1.16834	0.159688	1.19978	1.19978	2.10296	0.489443	0.20688	1
cg27400113	0.393926	1.38199	1.38199	0.189923	1.67257	1.67257	0.715737	1.14511	1.14511	0.272742	0.655131	-1.52641	2.10295	4.57163	1.93237	1
cg25010622	?	?	?	0.00742715	0.507499	-1.97045	0.94328	1.01409	1.01409	0.293486	1.23906	1.23906	2.11922	1.15438	0.544717	1
cg10547057	0.131865	1.35376	1.35376	0.0922297	0.708119	-1.41219	0.292591	0.815997	-1.22549	0.396561	1.17548	1.17548	2.10294	1.15512	0.488258	1
cg24728018	0.522673	0.918249	-1.08903	0.025035	0.704013	-1.42043	0.809691	0.968738	-1.03227	0.208359	1.19078	1.19078	2.10292	0.577174	0.243967	1
cg02003184	0.190819	0.479838	-2.08404	0.0281462	0.252995	-3.95264	0.79702	1.14641	1.14641	0.435445	1.52472	1.52472	2.10291	9.35935	3.95615	1
cg23759189	0.712381	1.21494	1.21494	0.0298393	3.83448	3.83448	0.611352	1.30924	1.30924	0.307665	1.74235	1.74235	2.10291	9.20799	3.89217	1
cg27140170	0.670031	0.918307	-1.08896	0.608934	1.10804	1.10804	0.811479	1.04866	1.04866	0.255916	0.789938	-1.26592	2.10289	1.31662	0.556533	1
cg18119166	0.857577	0.977701	-1.02281	0.221269	0.850939	-1.17517	0.388907	1.11723	1.11723	0.315601	1.13913	1.13913	2.10288	0.5249	0.221876	1
cg05821464	0.363837	1.41234	1.41234	0.19432	0.601702	-1.66195	0.104539	1.92788	1.92788	0.559463	1.24402	1.24402	2.10288	4.55853	1.9269	1
cg03060228	0.47068	1.44524	1.44524	0.627979	1.27769	1.27769	0.951734	1.03084	1.03084	0.508999	1.39962	1.39962	2.10286	8.38767	3.54551	1
cg07246187	0.725425	0.838355	-1.19281	0.592544	1.3101	1.3101	0.835862	1.10931	1.10931	0.975625	0.984839	-1.01539	2.10283	8.32634	3.51963	1
cg10403394	0.937925	0.954988	-1.04713	0.0189606	0.186374	-5.36556	0.115746	0.363864	-2.74828	0.150423	0.401936	-2.48796	2.10282	11.6449	4.92246	1
cg15710695	0.654941	0.951141	-1.05137	0.761886	1.03442	1.03442	0.804167	1.02805	1.02805	0.165942	1.17883	1.17883	2.10277	0.412994	0.174582	1
cg11706746	0.9791	0.995174	-1.00485	0.152326	0.753395	-1.32732	0.565042	1.1134	1.1134	0.185943	1.29563	1.29563	2.10274	1.13589	0.480173	1
cg15849864	0.0465922	1.82313	1.82313	0.81152	1.06498	1.06498	0.0764716	1.68091	1.68091	0.294137	1.3321	1.3321	2.10273	2.3128	0.977693	1
cg21162304	0.372683	0.755934	-1.32287	0.0555486	1.94127	1.94127	0.666367	0.875806	-1.14181	0.337469	0.7391	-1.353	2.10271	3.11273	1.31586	1
cg24176678	0.0674603	0.725275	-1.37879	0.027379	0.664209	-1.50555	0.533083	0.90577	-1.10403	0.169795	0.795128	-1.25766	2.10271	0.818462	0.345992	1
cg05914981	0.642599	0.906939	-1.10261	0.281132	0.791254	-1.26382	0.0566905	1.56966	1.56966	0.695632	0.921108	-1.08565	2.10271	1.45487	0.615025	1
cg06845991	0.291458	0.854028	-1.17092	0.27989	0.850506	-1.17577	0.319598	0.862208	-1.15981	0.284948	1.17363	1.17363	2.10271	0.691976	0.292523	1
cg10514593	0.461276	1.19325	1.19325	0.581367	0.877053	-1.14018	0.0815283	1.57585	1.57585	0.227606	1.34764	1.34764	2.10267	1.84795	0.781206	1
cg06876872	0.991712	1.00706	1.00706	0.389463	0.550455	-1.81668	0.0648707	4.06938	4.06938	0.659699	0.740842	-1.34982	2.10265	15.2606	6.45136	1
cg12184988	0.35109	0.696224	-1.43632	0.0600522	2.22626	2.22626	0.999727	0.999871	-1.00013	0.862293	1.06769	1.06769	2.10264	4.74023	2.00392	1
cg21593628	0.0431635	0.132662	-7.53793	0.706731	0.720222	-1.38846	0.790217	1.2605	1.2605	0.0847856	0.19108	-5.2334	2.10264	25.1064	10.6137	1
cg04824341	0.561233	1.1094	1.1094	0.59178	1.10039	1.10039	0.77479	0.95057	-1.052	0.573856	1.10563	1.10563	2.10263	1.03991	0.439622	1
cg05147070	0.0130384	0.716722	-1.39524	0.957037	0.994191	-1.00584	0.630711	0.948972	-1.05377	0.17465	0.855454	-1.16897	2.10262	0.38938	0.164611	1
cg02302670	0.0160271	2.44694	2.44694	0.138712	1.62223	1.62223	0.593518	1.17767	1.17767	0.336518	1.35093	1.35093	2.10261	3.06838	1.29717	1
cg14880788	0.707827	1.15674	1.15674	0.852201	0.930409	-1.0748	0.869346	0.938318	-1.06574	0.0653156	0.449253	-2.22592	2.1026	4.98071	2.10563	1
cg12691366	0.752908	1.14249	1.14249	0.287338	1.59361	1.59361	0.703257	1.1752	1.1752	0.845203	1.08595	1.08595	2.10259	5.92506	2.50487	1
cg23093692	0.589058	1.33256	1.33256	0.061566	3.02989	3.02989	0.240869	1.90855	1.90855	0.627504	0.77305	-1.29358	2.10259	9.22804	3.90125	1
cg05813703	0.0645573	0.629247	-1.5892	0.0296573	0.564878	-1.77029	0.19311	0.735449	-1.35971	0.957899	0.988291	-1.01185	2.10258	1.65757	0.700756	1
cg08950915	0.522608	0.537278	-1.86123	0.331166	2.62198	2.62198	0.244461	3.232	3.232	0.0834343	6.44098	6.44098	2.20877	31.3493	11.0391	1
cg04772683	0.494415	0.758124	-1.31905	0.836079	0.920643	-1.0862	0.113357	1.98891	1.98891	0.0908239	2.10319	2.10319	2.10257	5.30337	2.24207	1
cg17428744	0.229989	0.79679	-1.25504	0.176146	0.771514	-1.29615	0.847653	1.0353	1.0353	0.951594	0.98911	-1.01101	2.10257	1.08332	0.457987	1
cg03813899	0.0288983	1.54233	1.54233	0.0407145	1.48793	1.48793	0.459632	1.135	1.135	0.194425	1.25972	1.25972	2.10257	0.942042	0.398262	1
cg11123644	0.213133	1.69352	1.69352	0.0757436	2.21275	2.21275	0.0512183	2.44015	2.44015	0.54959	0.784059	-1.27541	2.10253	5.37613	2.27287	1
cg04579800	0.0351941	0.743325	-1.34531	0.0315399	0.737211	-1.35646	0.392037	0.899401	-1.11185	0.189852	0.845444	-1.18281	2.10253	0.486809	0.205809	1
cg13571319	0.235301	0.523174	-1.91141	0.455697	0.673205	-1.48543	0.737018	0.839007	-1.19188	0.0804731	0.364293	-2.74505	2.10251	9.03298	3.81892	1
cg18738058	0.660549	0.93578	-1.06863	0.0147523	0.637172	-1.56944	0.819991	0.966346	-1.03483	0.231133	1.20763	1.20763	2.1025	0.751176	0.31758	1
cg15331902	0.528241	0.866515	-1.15405	0.810834	1.05524	1.05524	0.05786	1.6174	1.6174	0.775415	1.06624	1.06624	2.10247	1.67413	0.707794	1
cg22023770	0.508531	1.08521	1.08521	0.122636	0.815501	-1.22624	0.726028	1.04383	1.04383	0.157216	1.20253	1.20253	2.10246	0.494958	0.209261	1
cg19854213	0.199174	2.0535	2.0535	0.210573	2.01321	2.01321	0.147514	0.438551	-2.28023	0.138403	0.429074	-2.3306	2.10245	9.36751	3.96046	1
cg14229362	0.387755	0.770839	-1.29729	0.275605	1.39579	1.39579	0.0305162	0.473587	-2.11154	0.691569	1.12439	1.12439	2.10244	2.87838	1.21695	1
cg09439264	0.139776	1.29836	1.29836	0.121291	1.31791	1.31791	0.0387703	1.48178	1.48178	0.762377	1.05109	1.05109	2.1187	0.805434	0.380155	1
cg19204194	0.315276	0.736045	-1.35861	0.0660677	0.544142	-1.83775	0.120122	1.64481	1.64481	0.999251	1.00028	1.00028	2.10243	2.9005	1.22631	1
cg16328412	0.125272	0.48937	-2.04344	0.842608	1.0894	1.0894	0.11442	2.09493	2.09493	0.749011	1.14827	1.14827	2.10242	6.17675	2.61149	1
cg26189021	0.209053	0.58239	-1.71706	0.179819	0.558992	-1.78893	0.0330415	0.361441	-2.7667	0.423542	0.716255	-1.39615	2.10241	5.5504	2.34668	1
cg08301941	0.53901	0.929195	-1.0762	0.56417	0.933482	-1.07126	0.990318	0.998568	-1.00143	0.0180787	1.40357	1.40357	2.10241	0.464199	0.196261	1
cg11327565	0.368284	1.27974	1.27974	0.0309949	1.96588	1.96588	0.583288	0.862539	-1.15937	0.224807	1.40538	1.40538	2.10241	2.3722	1.00295	1
cg09932436	0.132338	0.420824	-2.37629	0.13334	0.421912	-2.37016	0.340592	0.592502	-1.68776	0.0976714	0.379667	-2.63388	2.10239	9.45723	3.9985	1
cg05889842	0.482239	0.774315	-1.29146	0.206681	1.61115	1.61115	0.762542	1.11463	1.11463	0.0382051	0.423046	-2.36381	2.11865	3.82525	1.80552	1
cg26310256	0.0474531	0.314723	-3.1774	0.272481	0.558596	-1.7902	0.36962	1.59961	1.59961	0.817685	0.888939	-1.12494	2.10238	8.65494	3.65933	1
cg24129310	0.0167882	0.458638	-2.18037	0.200414	0.69681	-1.43511	0.761506	1.0847	1.0847	0.0880931	0.604887	-1.6532	2.10238	2.37548	1.00436	1
cg18089852	0.439565	1.11569	1.11569	0.040807	0.720425	-1.38807	0.0252878	1.44681	1.44681	0.430838	1.11813	1.11813	2.10235	0.642155	0.271508	1
cg14365570	0.137794	8.70525	8.70525	0.928763	1.12871	1.12871	0.0212248	42.543	42.543	0.396508	3.24029	3.24029	2.10234	61.0479	25.8117	1
cg07413467	0.466545	0.540564	-1.84992	0.59866	0.643427	-1.55418	0.034406	7.75588	7.75588	0.126181	3.94997	3.94997	2.10234	22.9501	9.70354	1
cg27210852	0.183844	0.638421	-1.56636	0.245262	0.679204	-1.47231	0.250002	0.682067	-1.46613	0.0880994	0.549341	-1.82036	2.10233	3.37309	1.42618	1
cg00226931	0.0543167	0.0716002	-13.9664	0.579644	1.96516	1.96516	0.962701	0.945098	-1.05809	0.0872862	9.77233	9.77233	2.10232	48.5443	20.5251	1
cg08433486	0.544448	0.740032	-1.35129	0.0422096	0.317107	-3.15351	0.849068	0.910737	-1.09801	0.479316	1.42324	1.42324	2.10231	8.01945	3.39074	1
cg09081385	?	?	?	0.0170863	0.213092	-4.69281	0.617709	0.771389	-1.29636	0.271686	0.552576	-1.8097	2.24217	7.17693	3.20088	1
cg23202979	0.249301	1.12549	1.12549	0.149857	0.859348	-1.16367	0.689783	1.04018	1.04018	0.392691	1.08978	1.08978	2.1023	0.32097	0.135711	1
cg04958882	0.904057	1.02241	1.02241	0.129814	0.740233	-1.35093	0.82992	1.04033	1.04033	0.0594945	1.47842	1.47842	2.10229	1.1249	0.475628	1
cg01087880	0.55255	0.898444	-1.11304	0.203956	0.787447	-1.26993	0.776905	1.05194	1.05194	0.254555	1.23619	1.23619	2.10227	1.05767	0.447209	1
cg00374346	0.116753	2.05678	2.05678	0.698792	1.17885	1.17885	0.787933	0.892177	-1.12085	0.511478	0.754437	-1.32549	2.10226	5.96194	2.52086	1
cg10370872	0.739538	0.856686	-1.16729	0.00390921	0.165182	-6.05394	0.549206	1.32441	1.32441	0.446851	0.698063	-1.43254	2.10226	7.15619	3.02582	1
cg09592456	0.835549	0.969287	-1.03169	0.123426	0.778472	-1.28457	0.447998	0.890435	-1.12305	0.019997	0.65619	-1.52395	2.10225	0.749803	0.317037	1
cg25535652	0.256998	0.731644	-1.36679	0.0171677	2.15338	2.15338	0.510996	1.19254	1.19254	0.584658	0.864343	-1.15695	2.10224	2.32262	0.98207	1
cg01430621	0.015699	0.380914	-2.62526	0.0317973	0.44032	-2.27108	0.44822	1.2865	1.2865	0.892484	1.04507	1.04507	2.10222	3.53736	1.49572	1
cg20297544	0.538456	0.740108	-1.35115	0.165194	0.489036	-2.04484	0.341777	0.622928	-1.60532	0.772161	0.869108	-1.15061	2.1022	7.7738	3.28706	1
cg08199727	0.910425	1.01714	1.01714	0.0544881	0.719276	-1.39029	0.704065	0.943992	-1.05933	0.0754701	0.741643	-1.34836	2.10218	0.759483	0.321141	1
cg00531789	0.319575	1.32441	1.32441	0.0463689	1.8651	1.8651	0.401239	0.790815	-1.26452	0.646648	0.881541	-1.13438	2.10218	2.48425	1.05045	1
cg16348158	0.256379	0.42751	-2.33913	0.0237244	0.144207	-6.93449	0.0343619	0.170268	-5.87309	0.0998002	0.274252	-3.64628	2.10217	17.1298	7.24321	1
cg27048949	0.214753	0.416128	-2.40311	0.18174	0.386104	-2.58998	0.997833	1.00182	1.00182	0.0378701	0.198621	-5.0347	2.10216	15.0052	6.34488	1
cg00277384	0.681556	1.1465	1.1465	0.0128497	0.359251	-2.78357	0.435806	1.30141	1.30141	0.579397	1.20384	1.20384	2.10216	3.65551	1.54571	1
cg01074356	0.415088	1.36138	1.36138	0.0223629	2.75543	2.75543	0.562198	1.24236	1.24236	0.958653	0.980983	-1.01939	2.10216	4.56609	1.93076	1
cg26372423	0.945251	1.01399	1.01399	0.039967	0.618523	-1.61676	0.161897	0.739172	-1.35287	0.0708622	1.50441	1.50441	2.10212	1.36325	0.576456	1
cg15383276	0.127446	5.37626	5.37626	0.130166	5.30254	5.30254	0.0203598	17.3459	17.3459	0.207095	3.88728	3.88728	2.10211	34.6703	14.6605	1
cg12780873	0.857399	0.881033	-1.13503	0.0260402	0.155668	-6.42393	0.682205	1.33632	1.33632	0.275463	0.4498	-2.22321	2.10211	16.51	6.98134	1
cg19997062	0.0982941	0.125928	-7.94103	0.461943	2.35323	2.35323	0.956538	1.06426	1.06426	0.67045	1.63093	1.63093	2.1021	43.4765	18.3844	1
cg13554878	0.262847	1.74552	1.74552	0.179091	1.97598	1.97598	0.0294539	3.39951	3.39951	0.1438	2.11585	2.11585	2.10209	7.58092	3.20567	1
cg04207385	0.101766	9.60594	9.60594	0.666679	1.72854	1.72854	0.0187779	36.4537	36.4537	0.0734272	12.441	12.441	2.10207	53.1057	22.4564	1
cg07266144	0.0786092	1.88027	1.88027	0.02635	2.34282	2.34282	0.905841	1.03899	1.03899	0.784839	0.915342	-1.09249	2.10207	3.47823	1.47082	1
cg26078244	0.925277	1.08059	1.08059	?	?	?	0.14073	3.70287	3.70287	0.0663041	5.48309	5.48309	2.1183	20.3558	9.60953	1
cg05410910	0.0599505	0.407455	-2.45426	0.352753	0.667301	-1.49857	0.0786196	0.437641	-2.28498	0.675677	0.836945	-1.19482	2.10203	5.9579	2.51943	1
cg09623623	0.514537	1.15676	1.15676	0.906062	1.02635	1.02635	0.0810861	1.53132	1.53132	0.501095	1.16236	1.16236	2.10202	1.61611	0.683413	1
cg12421814	0.552886	0.838548	-1.19254	0.437622	0.792757	-1.26142	0.125154	0.614561	-1.62718	0.0581773	0.533675	-1.8738	2.10201	2.86403	1.21112	1
cg06481076	0.278016	0.671351	-1.48953	0.290962	0.67903	-1.47269	0.851018	0.935742	-1.06867	0.381589	1.37299	1.37299	2.10199	4.15376	1.75654	1
cg15995125	0.725658	0.759648	-1.3164	0.66925	1.39837	1.39837	0.0151904	10.2465	10.2465	0.284304	2.38188	2.38188	2.10198	20.269	8.57139	1
cg02867123	0.531021	0.916092	-1.09159	0.614513	0.932268	-1.07265	0.979254	1.0036	1.0036	0.486652	1.10254	1.10254	2.10197	0.634964	0.268517	1
cg13823245	0.793032	0.929972	-1.0753	0.870144	1.04621	1.04621	0.227532	1.41872	1.41872	0.991448	1.00296	1.00296	2.10196	2.53774	1.07317	1
cg22447396	0.0481901	0.850989	-1.1751	0.0830079	0.871829	-1.14701	0.317105	0.928761	-1.0767	0.168043	0.900336	-1.1107	2.10196	0.170004	0.0718921	1
cg04707348	0.364835	0.789044	-1.26736	0.00556446	0.395864	-2.52612	0.794444	0.93572	-1.0687	0.894084	0.966673	-1.03448	2.10195	2.15541	0.911497	1
cg15722905	0.468598	0.832297	-1.20149	0.579452	1.14953	1.14953	0.288343	0.760032	-1.31573	0.164601	0.691358	-1.44643	2.10192	2.06291	0.872391	1
cg20431676	0.0410716	1.39108	1.39108	0.483958	1.10474	1.10474	0.266785	0.850432	-1.17587	0.304398	1.1606	1.1606	2.10192	0.652743	0.276041	1
cg01870679	0.540582	1.53952	1.53952	0.0135299	8.40371	8.40371	0.0445411	4.98616	4.98616	0.120029	3.23699	3.23699	2.10191	16.1481	6.82896	1
cg27644292	0.417147	1.63449	1.63449	0.955619	0.967562	-1.03353	0.0128957	0.160529	-6.22941	0.599903	0.7308	-1.36836	2.10189	11.6876	4.94268	1
cg13617087	0.0635335	0.490211	-2.03994	0.497564	1.26534	1.26534	0.774436	0.906478	-1.10317	0.338579	0.713839	-1.40088	2.10188	3.88742	1.644	1
cg08805500	0.140129	0.421398	-2.37305	0.054556	0.305019	-3.27848	0.254647	0.523319	-1.91088	0.307593	0.5627	-1.77714	2.10187	9.86741	4.17296	1
cg03760839	0.2906	0.600585	-1.66504	0.0701674	2.56277	2.56277	0.0103292	4.49084	4.49084	0.879746	1.07292	1.07292	2.10182	7.19397	3.04243	1
cg09603520	0.067444	1.45308	1.45308	0.197515	1.282	1.282	0.694538	1.07463	1.07463	0.222719	1.26323	1.26323	2.10182	1.10711	0.468214	1
cg25705526	0.434378	1.10148	1.10148	0.119908	0.815089	-1.22686	0.15111	0.829914	-1.20494	0.140201	1.21204	1.21204	2.10181	0.488835	0.206736	1
cg17931041	0.368041	0.613289	-1.63055	0.133056	0.42445	-2.35599	0.301504	0.567759	-1.76131	0.792815	1.14935	1.14935	2.1018	9.30787	3.93646	1
cg24895834	0.340935	1.24483	1.24483	0.0576348	0.619357	-1.61458	0.119337	1.45818	1.45818	0.211415	1.34151	1.34151	2.10179	1.65769	0.701068	1
cg21660826	0.327909	1.19961	1.19961	0.0320197	1.5726	1.5726	0.898295	1.02331	1.02331	0.391115	1.17158	1.17158	2.10176	1.08112	0.457234	1
cg19595956	0.944965	0.975477	-1.02514	0.913486	1.03986	1.03986	0.0343614	0.402701	-2.48323	0.540542	0.799926	-1.25012	2.20785	4.42745	1.55969	1
cg15864779	0.689419	1.30729	1.30729	0.795992	1.18865	1.18865	0.693239	1.30271	1.30271	0.639383	1.36996	1.36996	2.10173	14.8095	6.2634	1
cg23818888	0.985673	0.995879	-1.00414	0.0126149	0.490016	-2.04075	0.361186	0.805827	-1.24096	0.940485	0.982973	-1.01732	2.10172	1.7608	0.744706	1
cg00599601	0.446394	0.53366	-1.87385	0.863836	1.14899	1.14899	0.164074	0.300769	-3.32482	0.453979	0.539466	-1.85369	2.10171	21.7926	9.21686	1
cg00733288	0.263835	2.35136	2.35136	0.0203127	8.7713	8.7713	?	?	?	0.797294	0.830057	-1.20474	2.37034	16.6171	5.25782	1
cg15281876	0.473511	1.09281	1.09281	0.015513	1.4354	1.4354	0.17332	0.838286	-1.19291	0.597228	0.937141	-1.06708	2.10165	0.493389	0.208677	1
cg17331742	0.472579	0.600228	-1.66603	0.183841	0.37341	-2.67802	0.17452	2.7431	2.7431	0.91785	0.930454	-1.07474	2.10164	16.2479	6.87206	1
cg13657511	0.672689	1.13544	1.13544	0.440513	0.790457	-1.26509	0.435282	1.26865	1.26865	0.989274	1.00403	1.00403	2.10164	2.97444	1.25804	1
cg22686731	0.623924	1.1495	1.1495	0.5757	0.852635	-1.17283	0.0414003	1.941	1.941	0.652785	1.13619	1.13619	2.10164	2.64588	1.11908	1
cg11622008	0.537323	1.47563	1.47563	0.0377313	4.48709	4.48709	0.175174	2.45505	2.45505	0.930126	1.05615	1.05615	2.10161	12.9155	5.4627	1
cg11902961	0.766608	1.35991	1.35991	0.386186	0.399524	-2.50298	0.882859	1.16448	1.16448	0.171482	0.222323	-4.49796	2.10154	35.5039	15.0171	1
cg17689702	0.0188669	0.339148	-2.94856	0.252972	0.635131	-1.57448	0.538139	1.26741	1.26741	0.797894	0.907051	-1.10247	2.10154	4.81062	2.03475	1
cg25377358	0.915881	1.01337	1.01337	0.670919	0.947689	-1.0552	0.397542	1.11505	1.11505	0.0594996	1.30656	1.30656	2.10153	0.526021	0.222492	1
cg16721177	0.293563	0.358434	-2.78992	0.21724	0.294485	-3.39576	0.027555	11.6349	11.6349	0.241997	3.16834	3.16834	2.10151	29.5158	12.4845	1
cg02876925	0.154086	2.0095	2.0095	0.0600684	2.63842	2.63842	0.0101165	4.41084	4.41084	0.337819	1.57138	1.57138	2.10147	6.96304	2.94526	1
cg24011351	0.395617	0.836839	-1.19497	0.0968622	1.45229	1.45229	0.886392	0.971154	-1.0297	0.509897	1.14668	1.14668	2.10145	1.39523	0.590166	1
cg13533069	0.180566	0.624538	-1.60118	0.180818	0.624728	-1.6007	0.138152	0.589457	-1.69648	0.689002	0.875295	-1.14247	2.10145	3.6483	1.54319	1
cg03662648	0.348662	0.660812	-1.51329	0.692659	0.843179	-1.18599	0.377642	1.47506	1.47506	0.864208	0.929138	-1.07627	2.10145	6.13621	2.59555	1
cg07709485	0.0525839	1.65267	1.65267	0.0689118	1.59052	1.59052	0.140498	1.43543	1.43543	0.715846	0.920037	-1.08691	2.10144	1.72967	0.731633	1
cg20781140	0.532876	0.924073	-1.08217	0.240687	0.85765	-1.16598	0.318397	0.879043	-1.1376	0.0371319	0.738951	-1.35327	2.10143	0.520153	0.220021	1
cg05778559	0.416177	1.19022	1.19022	0.155536	1.37499	1.37499	0.996638	0.999118	-1.00088	0.216793	0.761604	-1.31302	2.10143	1.46141	0.618168	1
cg26126750	0.924376	0.971044	-1.02982	0.994572	1.00211	1.00211	0.0106327	2.70232	2.70232	0.976023	1.00934	1.00934	2.1014	3.18769	1.34839	1
cg15821939	0.438784	1.38848	1.38848	0.0134694	3.56601	3.56601	0.0471309	2.57067	2.57067	0.549871	1.28589	1.28589	2.10139	5.74875	2.43173	1
cg24580035	0.705402	0.774793	-1.29067	0.909208	0.926222	-1.07965	0.240904	2.28146	2.28146	0.0583942	4.20735	4.20735	2.10137	15.0218	6.35428	1
cg01767116	0.963957	1.01937	1.01937	0.0526086	0.392299	-2.54907	0.200405	0.563072	-1.77597	0.0625573	0.410646	-2.43519	2.10136	6.00171	2.53876	1
cg13261989	0.0238201	1.65824	1.65824	0.0398065	0.640411	-1.5615	0.737935	1.06499	1.06499	0.55895	1.11719	1.11719	2.10135	1.17013	0.494978	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Error)
cg20704530	MGC21264;MVD;MGC23284	0.154538	0.0226755	0.978297	1.73522	0.874281	0.968519	-1.0325	0.900248	0.977228	-1.0223	0.460388	0.859135	-1.16396	0.0455999	0.62935	-1.58894	0.399877	0.84022	-1.19016	0.736957	1.07047	1.07047	0.105258	1.38438	1.38438	0.578445	1.12007	1.12007	2.10133	1.35816	0.574518	1
cg00152490	ATP1A2	0.154543	0.268695	1.22669	1.22669	0.36534	1.17935	1.17935	0.480535	1.13563	1.13563	0.379421	0.852206	-1.17343	0.0267417	0.627812	-1.59283	0.198008	0.786203	1.27223	0.681203	0.929355	-1.07602	0.0866191	1.39891	1.39891	0.961183	1.00867	1.00867	2.10129	1.04688	0.442852	1
cg02866931	CNOT2	0.154543	0.795944	1.07116	1.07116	0.216683	0.708358	-1.41172	0.313042	0.758218	-1.31888	0.0173396	2.15682	2.15682	0.393981	1.26061	1.26061	0.929442	1.02377	1.02377	0.127168	1.54892	1.54892	0.650625	0.886092	-1.12855	0.284114	0.74442	-1.34333	2.10129	2.34142	0.990469	1
cg27124616	ZFYVE21	0.154545	0.172924	0.685392	-1.45902	0.440094	1.22762	1.22762	0.0738528	0.595137	-1.68028	0.19797	0.70159	-1.42533	0.124475	0.648405	-1.54224	0.441415	0.815084	-1.22687	0.731654	1.0938	1.0938	0.0284213	0.509815	-1.9615	0.0914566	0.616254	-1.62271	2.10128	2.25775	0.955079	1
cg15139695	C6orf10	0.154548	0.215532	0.487014	-2.05333	0.266414	0.527761	-1.8948	0.127437	0.40263	-2.48367	0.460554	1.51385	1.51385	0.0299352	0.182184	-3.48895	0.17049	0.446806	-2.23811	0.084097	0.34824	-2.87158	0.368896	0.600883	-1.66422	0.253644	0.517897	-1.93089	2.10126	10.1377	4.28852	1
cg09217157	ENTP01;ENTPD1;ENTPD2 PD1;ENTPD1;ENTPD1	0.154549	0.0673926	0.285218	-3.5061	0.780546	0.842857	-1.18644	0.20471	0.440813	-2.26854	0.202091	0.438488	-2.28056	?	?	?	0.583661	0.712841	-1.40284	0.0317823	0.2193118	-4.55959	0.13978	2.64468	2.64468	0.505215	0.661106	-1.51262	2.11749	11.1687	5.27451	1
cg16207793	CHERP	0.154549	0.446468	1.12993	1.11993	0.688678	0.997769	-1.00224	0.641983	1.07649	1.07649	0.064463	1.38679	1.38679	0.246606	1.2112	1.2112	0.68025	1.06741	1.06741	0.0182862	0.6194919	-1.61426	0.827044	1.03505	1.03505	0.596803	1.08767	1.08767	2.10125	0.8247	0.348872	1
cg11743448	C12orf42;C12orf42	0.154545	0.585257	1.07038	1.07038	0.0252629	0.720134	-1.38863	0.352795	0.688698	-1.51524	0.312701	0.835753	-1.19653	0.624638	0.940956	-1.06275	0.625992	0.941184	-1.06249	0.0211357	0.710234	-1.40799	0.18998	0.842557	-1.18686	0.656159	1.05686	1.05686	2.10125	0.5068866	0.214419	1
cg13582233	DDX24;IFI27L1;IFI27L1 ZNF135;ZNF135;ZNF135;ZNF135;ZNF13	0.154551	0.391022	1.41187	1.41187	0.328173	0.672943	-1.48601	0.509775	1.30007	1.30007	0.069079	0.450096	-2.22175	0.0312064	0.370763	-2.69714	0.738812	1.14034	1.14034	0.693549	0.856052	-1.16815	0.106097	1.99901	1.99901	0.592169	0.808788	-1.23642	2.10124	5.12558	2.16828	1
cg04719949	S	0.154552	0.0445644	0.73944	0.73944	0.577827	1.57099	1.57099	0.186977	0.30764	3.07634	0.0546349	5.76291	5.76291	0.0550504	0.863769	-1.15772	0.310234	0.32466	0.32466	0.0348295	0.21508	7.25108	0.0915706	4.44853	4.44853	0.118287	3.90587	3.90587	2.10123	21.4803	9.08687	1
cg19904981	FLJ43663;MKLN1	0.154552	0.559391	0.84766	-1.14299	0.20604	1.35234	1.35234	0.411209	0.89843	1.20943	0.0376082	1.80292	1.80292	0.139177	0.67854	-1.47351	0.171544	0.719356	1.39011	0.129289	1.44602	1.44602	0.0911911	1.27991	1.27991	0.0882069	1.53068	1.53068	2.10123	1.70403	0.72086	1
cg22062554	FAM71E2;CCK6B2	0.154553	0.0542051	0.63118	-1.58433	0.188622	0.745755	-1.34092	0.209768	0.575001	-1.321	0.125968	0.7056	-1.41723	0.0791204	0.663276	-1.50767	0.111475	0.69412	-1.44067	0.135943	0.712903	-1.40272	0.0202677	0.554612	-1.80306	0.217533	0.760923	-1.31419	2.10123	1.47612	0.624449	1
cg10385411	GRIN2D	0.154556	0.421139	1.47294	1.47294	0.0203293	3.87112	3.87112	0.123637	2.21012	2.21012	0.472912	1.41027	1.41027	?	?	?	0.0920183	2.4213	2.4213	0.0412493	0.966685	-1.03446	0.244007	0.56186	-1.7798	0.333188	1.60173	1.60173	2.22236	6.75688	2.66035	1
cg20489023	STX19	0.154556	0.502842	1.02125	1.02125	0.514821	1.16851	1.16851	0.240803	1.04806	1.04806	0.528661	1.19242	1.19242	0.0497003	1.69487	1.69487	0.609094	0.885496	-1.12931	0.0131643	0.484426	-2.0643	0.878821	0.964666	-1.03663	0.549507	0.866941	-1.15348	2.10118	1.8506	0.782655	1
cg08777992	MCPH1	0.154556	0.115891	0.438993	-2.27794	0.342143	0.624052	-1.60243	0.106108	0.427315	-2.34019	0.59149	0.770284	-1.29822	0.0719126	0.37989	-2.63234	0.08839	0.404258	-2.47367	0.0211642	0.2630993	-3.80094	0.492782	1.39876	1.39876	0.424002	0.674778	-1.48197	2.10118	7.7234	3.26733	1
cg09491027	LIMD2	0.154561	0.249481	1.38192	1.38192	0.448853	1.23266	1.23266	0.112394	0.628444	-1.59124	0.666543	0.880022	-1.12357	0.462139	0.722382	-1.38477	0.207232	1.42968	1.42968	0.0268274	0.222556	0.21956	0.151098	1.51208	1.51208	0.413114	0.798696	-1.25204	2.10117	2.40957	1.01686	1
cg10191387	GRIA3;GRIA3 EFCAB1;EFCAB1;EFCAB1;EFCA	0.154562	0.290546	1.32979	0.16768	0.544862	0.107578	-2.9526	0.425846	0.435621	-2.29558	0.811757	1.27611	1.27611	0.376505	0.395573	-2.52798	0.0742151	0.13094	-7.63707	0.0143359	0.0457116	-21.8761	0.592252	1.73756	1.73756	0.861447	0.836504	-1.19545	2.10117	34.7531	14.7021	1
cg22836229	B1	0.154564	0.545911	0.82734	-1.20869	0.0136748	2.57469	2.57469	0.435767	0.781461	-1.27965	0.949097	0.980395	-1.02	0.382637	0.757552	-1.32004	0.854394	1.05863	1.05863	0.145549	0.615912	-1.62361	0.78264	1.08955	1.08955	0.14894	1.61611	1.61611	2.10115	3.20056	1.35399	1
cg00822495	OTX2	0.154567	0.294876	1.44099	1.44099	0.295543	0.694344	-1.44021	0.241718	1.50217	1.50217	0.873758	0.947932	-1.05493	0.0141315	0.76883	2.76883	0.0946477	1.85479	1.85479	0.536325	1.2344	1.2344	0.0987767	1.83808	1.83808	0.761571	1.10776	1.10776	2.10114	3.76338	1.5921	1
cg11237575	KPNA6 GABPB1;GABPB1;FLI10038;GABPB1;LO	0.154568	0.0214609	0.381122	-2.62383	0.26474	0.666422	-1.50055	0.680316	1.15564	1.15564	0.525804	1.25164	1.25164	0.113082	0.547661	-1.82595	0.299649	0.687089	-1.45542	0.0444588	0.484203	-2.06525	0.0990167	0.531818	-1.88034	0.41231	0.746274	-1.33999	2.10113	4.05653	1.71613	1
cg10505813	C10012398?;GABPB1;GABPB1	0.15457	0.686652	1.12711	1.12711	0.394187	1.29466	1.29466	0.134017	1.61917	1.61917	0.629464	0.866321	-1.15431	0.0305053	2.1576	2.1576	0.462918	1.24719	1.24719	0.0568575	0.523145	-1.91151	0.254339	1.42369	1.42369	0.355627	1.32492	1.32492	2.20714	2.97452	1.04819	1
cg14360014	SARDH;SARDH	0.154573	0.0911313	0.479473	-2.84504	0.243516	0.903197	-1.32718	0.157467	0.822262	-1.26043	0.271513	0.593102	-1.68553	0.0264223	0.378202	-2.64569	0.533118	1.13701	1.13701	0.307051	0.23871	2.23871	0.0147577	0.717377	-1.39397	0.554334	0.760374	-1.31514	2.1011	6.08109	2.95341	1
cg21767759	TGA3;ITGA3	0.154573	0.8396659	0.949447	-1.05324	0.0208097	2.03898	2.03898	0.46875	1.20775	1.20775	0.220939	1.39086	1.39086	0.201093	0.707697	-1.41303	0.743091	1.08787	1.08787	0.129766	1.52059	1.52059	0.407579	1.24225	1.24225	0.0630316	1.70826	1.70826	2.1011	2.18195	0.923093	1
cg21790024	CDL1A2	0.154573	0.0240261	0.39852	-2.50903	0.0734529	0.497733	-2.28247	0.0973554	0.352287	-2.83889	0.0215263	0.496588	-2.01335	0.0651313	0.409448	-2.44212	0.447978	1.36517	1.36517	0.209191	0.55105	-1.81558	0.0242706	0.414238	-1.34637	0.209191	0.505105	-1.97958	0.0242706	0.414238	2.10109	2.61729	1
cg19185641	ATXN1;ATXN1	0.154573	0.599151	0.883713	-1.13159	0.357168	1.26497	1.26497	0.062185	0.613017	-1.63128	0.978171	1.0064	1.0064	0.984181	1.00542	1.00542	0.157843	1.42187	1.42187	0.987375	0.996319	-1.00369	0.263155	0.761536	-1.31314	0.0211192	0.524236	1.90754	2.10109	1.80776	0.764791	1
cg16477091	PPM1E	0.154576	0.695092	1.0733	1.0733	0.684301	0.929224	-1.07617	0.49521	1.13242	1.13242	0.34325	0.839184	-1.19163	0.387109	1.17256	1.17256	0.359424	1.18436	1.18436	0.0174112	0.594593	-1.68182	0.108128	1.36994	1.36994	0.285932	1.22018	1.22018	2.10109	1.07297	0.453932	1
cg10152737	LRRC42;HSPB11	0.154576	0.0504705	0.719372	-1.39006	0.0737455	0.737733	-1.3557	0.402301	1.15712	1.15712	0.674702	0.864702	-1.15636	0.0274987	0.632522	-1.58122	0.454844	1.06026	1.06026	0.749419	0.936785	-1.06777	0.660261	0.749419	-1.33436	0.0398866	0.936785	-1.06777	0.660261	0.749419	2.10107	0.917	1
cg15005577	ARID1A;ARID1A	0.154578	0.319368	0.846441	-1.18142	0.916423	1.01715	1.01715	0.482503	0.872458	-1.14627	0.593294	1.13991	1.13991	0.078457	0.728647	-1.37241	0.724754	1.05873	1.05873	0.0583725	0.254336	0.824619	-1.21268	0.0603239	1.39883	1.39883	0.0593982	1.03906	1.03906	2.10107	1.106	0.410707	1
cg19905137	KATNAL1;KATNAL1	0.154578	0.0960511	0.677403	-1.47542	0.0678954	0.983718	-1.01684	0.824268	1.04592	1.04592	0.402381	1.08782	1.08782	0.0963256	0.664702	-1.50438	0.188981	0.772533	1.29509	0.0507518	0.127315	1.27315	0.0114775	0.127315	1.27315	0.0114775	0.127315	1.27315	0.0114775	0.127315	2.10106	0.0377	0
cg14602341	FAM7A3	0.154582	0.925984	1.05929	1.05929	0.388188	1.73011	1.73011	0.27261	2.02945	2.02945	0.191021	0.423941	-2.35882	0.00865418	0.125612	-7.96105	0.41713	1.598104	-1.67195	0.954287	0.965091	-1.03617	0.528193	1.48604	1.48604	0.812439	1.15874	1.15874	2.10104	12.7844	5.40873	1
cg11608894	LSP1;LSP1;LSP1;LSP1	0.154583	0.107634	1.46276	1.46276	0.462279	1.17596	1.17596	0.0213073	0.549118	-1.8211	0.906137	0.974773	-1.02588	0.597745	1.12225	1.12225	0.0900679	0.667197	-1.49881	0.408847	0.832787	-1.20079	0.39254	0.827179	-1.20893	0.886116	1.03153	1.03153	2.10103	1.56128	0.660534	1
cg05498665	MCF2L;MCF2L	0.154583	0.96025	1.01042	1.01042	0.428117	1.12499	1.12499	0.0776312	1.62903	1.62903	0.0735568	1.61012	1.61012	0.0447467	1.62603	1.62603	0.554251	0.860505	1.16161	0.58735	0.871581	-1.14734	0.583511	0.870125	-1.149	0.0237166	1.9685	1.9685	2.10103	2.0098	0.885829	1
cg00371301	CPA4;CPA4	0.154586	0.771315	0.94391	-1.05942	0.143518	1.36523	1.36523	0.111449	0.70936	-1.40972	0.680099	1.08559	1.08559	0.144832	1.36364	1.36364	0.0283109	1.66994	1.66994	0.236929	1.27817	1.27817	0.448048	0.858006	-1.16549	0.848519	0.962834	-1.0386	2.10101	1.30537	0.552271	1
cg13752649	HOXB1	0.154587	0.143465	0.599242	-1.66853	0.0370018	0.4159	-2.40433	0.0154644	0.247799	-4.03555	0.0176548	1.34435	1.34435	0.0154649	1.47799	1.47799	0.194523	2.22663	2.22663	0.0125955	0.60341	-1.65769	0.170884	1.44224	1.44224	0.227227	1.82601	1.82601	2.10101	1.93593	0.805888	1
cg11411403	CRYL1	0.154589	0.402903	1.20512	1.20512	0.0590989	0.628427	-1.59128	0.380335	0.821892	-1.2167	0.50838	0.863948	-1.15748	0.0628425	0.513601	-1.13601	0.99194	0.997801	-1.0022	0.829917	1.04801	1.04801	0.0352472	0.585948	-1.70664	0.0392535	0.549562	-1.68191	2.10099	1.58089	0.668845	1
cg00956423	ZNRD1;NCRNA00171;ZNRD1	0.154592	0.2824303	0.652514	-1.53253	0.27561	1.54266	1.54266	0.346733	0.690489	-1.44825	0.280832	0.651514	-1.53489	0.0790228	0.474538	-2.10731	0.190374	0.588573	-1.69903	0.0164565	0.326171	-3.06588	0.222163	0.612379	-1.63298	0.172363	0.573917	-1.74225	2.10097	4.86136	2.05676	1
cg10427864	ZBTB9;ZBTB9	0.154593	0.1678625	0.709492	-1.40949	0.0370049	0.555715	-1.79955	0.124779	0.437572	-2.28603	0.311882	0.78535	-1.27327	0.0242364	0.577799	-1.73082	0.324027	1.20706	1.20706	0.185261	0.829447	1.20706	0.185261	0.829447	1.20706	0.185261	0.829447	1.20706	0.185261	0.829447	2.10063	0.09374	0.067847	1
cg11411403	CRYL1	0.154589	0.402903	1.20512	1.20512	0.0590989	0.628427	-1.59128	0.380335	0.821892	-1.2167	0.50838	0.863948	-1.15748	0.0628425	0.513601	-1.13601	0.99194	0.997801	-1.0022	0.829917	1.04801	1.04801	0.0352472	0.585948	-1.70664	0.0392535	0.549562	-1.68191	2.10099	1.58089	0.668845	1
cg09095423	ZNRD1;NCRNA00171;ZNRD1	0.154592	0.2824303	0.652514	-1.53253	0.27561	1.54266	1.54266	0.346733	0.690489	-1.44825	0.280832	0.651514	-1.53489	0.0790228	0.474538	-2.10731	0.190374	0.588573	-1.69903	0.0164565	0.326171	-3.06588	0.222163	0.612379	-1.63298	0.172363	0.573917	-1.74225	2.10097	4.86136	2.05676	1
cg10427864	ZBTB9;ZBTB9	0.154593	0.1678625	0.709492	-1.40949	0.0370049	0.555715	-1.79955	0.124779	0.437572	-2.28603	0.311882	0.78535	-1.27327	0.0242364	0.577799	-1.73082	0.324027	1.20706	1.20706	0.185261	0.829447	1.20706	0.185261	0.829447	1.20706	0.185261	0.829447	1.20706	0.185261	0.829447	2.10063	0.09374	0.067847	1
cg11411403	CRYL1	0.154589	0.402903	1.20512	1.20512	0.0590989	0.628427	-1.59128	0.380335	0.821892	-1.2167	0.50838	0.863948	-1.15748	0.0628425	0.513601	-1.13601	0.99194	0.997801	-1.0022	0.829917	1.04801	1.04801	0.0352472	0.585948	-1.70664	0.0392535	0.549562	-1.68191	2.10099	1.58089	0.668845	1
cg20955421	KIF14;KIF14	0.154597	0.461246	1.21824	0.350004	0.824505	0.44571	-1.1862	0.374466	0.615731	-1.62455	0.0833406	0.65471	-1.52655	0.0232856	0.403406	-2.47889	0.860328	1.07004	1.07004	0.0388438	0.328884	0.83424	-1.1987	0.0700408	0.858032	-1.16516	0.0896494	0.644781	0.829477	1.20563	0.0403	2.10103	1.33108	0.0403	1.33108	1
cg21317856	SCAMP4	0.154597	0.378077	0.70152	-1.42548	0.945699	0.973653	-1.02706	0.222524	1.65284	1.65284	0.0506375	0.417682	-2.39416	0.0619826	0.438761	-2.27914	0.092081	0.483422	-2.06859	0.0614105	0.437771	-2.2843	0.899886	0.951861	-1.05057	0.419446	0.723709	-1.38177	2.10094	5.11272	2.16315	1
cg22660207	SCN5A	0.154597	0.0242604	0.734093	0.734093	0.0295515	0.126501	-7.90509	0.0295515	0.126501	-7.90509	0.0295515	0.126501	-7.90509	0.0295515	0.126501	-7.90509	0.0242604	0.787601	0.787601	0.0295515	0.126501	-7.90509	0.0295515	0.126501	-7.90509	0.0295515	0.126501	-7.90509	0.0295515	0.126501	-7.90509	2.10093	0.04602	0.026757	1
cg22942108	FLJ40330	0.154597	0.822032	1.07173	1.07173	0.587647	0.850574	-1.16333	0.30408	0.720876	-1.3872	0.453178	1.965	1.965	0.0278254	0.34852	1.34852	0.80653	1.07837	1.07837	0.421585	0.794899	-1.25717	0.791053	0.921595	-1.08508	0.0174012	0.43599	2.04597	2.10094	1.34607	1.33108	1
cg18895813	ADAMTS5	0.154599	0.207742	0.779302	-1.2832	0.086246	0.700612	-1.42732	0.0911214	0.705166	-1.41811	0.230518	0.78968	-1.26634	0.673648	1.08276	1.08276	0.439717	1.15943	1.15943	0.449271	1.15574	1.15574	0.0784548	1.4433	1.4433	0.328851	1.82764	-1.20825	2.10093	1.1725	0.496077	1
cg07539048	C1QL4	0.154599	0.387264	1.14587	1.14587	0.112487	0.215956	-2.19396	0.0662834	0.276934	-3.60934	0.0263817	0.66408	-1.50606	0.0144309	0.509209	-1.96373	0.058439	1.22527	1.22527	0.0160261	0.494947	-2.02019	0.0316403	0.644419	1.55574	1.55574	0.0784548	1.4433	1.4433	0.328851	1.82764	-1.20825	2.10093	1.1725	0.496077	1
cg13597051	DDAH2	0.154599	0.775638	0.904676	-1.10537	0.58689	0.825028	-1.21208	0.0540465	0.464576	-2.1525	0.0260236	0.39608	-2.52474	0.237434	0.647975	-1.54327	0.762829	0.899331	-1.11194	0.080593	0.506929	-1.97266	0.503515	1.26872	1.26872	0.0695882	0.490897	-2.03709	2.10092	4.08961	1.73029	1
cg19905137	HSF1;BOP1	0.154603	0.947483	0.967183	-1.03434	0.287488	1.24265	1.24265	0.0604708	0.732848	2.02494	0.202494	0.728291	1.07101	0.0715705	0.891539	0.973529	-1.02719	0.642188	0.912604	0.296043	0.861983	0.802572	-1.24599	0.567383	0.892514	-1.12043	0.638736	0.91118	-1.09748	2.1009	1.32905	0.54145	1
cg05232945	GALST3	0.154607	0.129183	0.75203	-1.32974	0.284409	1.02605	1.02605	0.0706	0.351076	2.85107	0.989381	-1.01073	0.93332	0.950505	-1.05165	0.850262	1.03339	-1.03339	-1.03339	-1.03339	1.03339	1.03339	-1.03339	1.03339	1.03339	-1.03339	1.03339	1.03339	-1.03339	1.03339	2.10091	1.30358	0.386072	0.859893	-1.16701	0.965202	0.902446	-1.00764	2.10087	1.00522	0.425313	1
cg10021539	RASA3	0.154609	0.296351	1.18521	1.18521	0.628045	0.926248	-1.07962	0.115592	0.764577	-1.30791	0.40922	0.875945	-1.14162	0.197363	0.807471	-1.23844	0.349796	1.16304	1.16304	0.0821322	1.3529	1.3529	0.874005	0.975404	-1.02522	0.0526514	0.707719	-1.41299	2.10086	0.81939	0.34669	1
cg06506829	MAD1L1;MAD1L1;MAD1L1	0.154609	0.215952	1.28128	1.28128	0.0178262	0.731628	-1.36728	0.0134726	0.325126	-3.07729	0.0113846	0.594959	0.755793	0.0124482	0.222115	0.59721	-1.67511	0.0150529	0.492892	0.0222116	0.659721	-1.51579	0.0203	0.492892	0.0222116	0.659721	-1.51579	0.0203	0.492892	0.0222116	0.659721	-1.51579	2.10086	0.764504	0.323467	0.323467	1
cg17083429	PTEN	0.154611	0.573269	0.616979	-1.6208	0.0210064	10.5467	10.5467	0.0658159	5.76369	5.76369	0.863135	0.863807	-1.15767	0.98064	0.979621	-1.0208	0.732796	1.33748	1.33748	0.15003	0.26999	-3.70384	0.335994	2.32054	2.32054	0.415937	0.493856	-2.02488	2.10086	23.9564	10.1361	1
cg08470875	FAM59B	0.154611	0.0562468	0.66447	0.66447	0.0599338	34.875	34.875	0.201575	13.7295	13.7295	0.142774	21.3217	21.3217	0.224999	11.8869	11.8869	0.394911	5.43309	5.43309	0.0152064	2.22663	2.22663	0.0170894	3.42227	3.42227	0.0170894	3.42227	3.42227	0.0170894	3.42227	2.10085	12.54	53.117	1
cg16203368	ARAF	0.154611	0.177743	1.78287	1.78287	0.168136	0.552676	-1.80938	0.270921	0.629541	-1.58844	0.0593226	0.423383	-2.36193	0.0656561	0.434317	2.30247	0.539458	1.28508	1.28508	0.247729	1.62887	1.62887	0.81939	0.911801	-1.09673	0.567518	1.26276	1.26276	2.10085	5.42322	2.29461	1
cg08130265	C15orf5;SGK269	0.154617	0.317427	0.68795	-1.45359	0.627512	0.8378	-1.1936	0.0510263	0.447368	-2.2353	0.228193	0.63269	-1.58055	0.0233306	0.374961	-2.66695	0.571976	0.813267	-1.22961	0.509959	0.785131	-1.27367	0.142766	1.76849	1.76849	0.209159	0.619327	-1.61466	2.10081	4.35846	1.84414	1
cg07482380	MIDN	0.154618	0.102194	0.775031	-1.29035	0.270111	1.31097	1.31097	0.0513575	0.442975	2.25955	0.0514929	0.824902	-1.21233	0.0266319	0.607011	-1.64756	0.147975	1.47975	1.47975	0.0178509	0.676439	-1.47842	0.141855	0.992386	1.01003	1.01003	0.9304	0.992347	-1.00828	0.836879	0.979533	-1.02089	0.5008	0.522209	2.02068	1
cg22136383	C15orf2;C15orf2	0.154622	0.441964	0.756918	-1.32115	0.883607	1.05341	1.05341	0.239134	0.645384	-1.54947	0.125537	1.80205	1.80205	0.0294018	0.40201	-2.4875	0.874288	1.05786	1.05786	0.682736	0.864174	-1.15718	0.272793	0.666678	-1.49997	0.0442938	0.440135	-2.27203	2.10079	4.19836	1.77641	1
cg03146377	MLLT1	0.154621	0.3307	1.2045	1.2045	0.0966154	0.760195	-1.31555	0.0511245	0.4755	-2.1045	0.0511245	0.760195	-1.28865	0.126114	1.19327	1.19327	0.0182208	0.886539	-1.12746	0.0182208	0.886539	-1.12746	0.0182208	0.886539	-1.12746	0.0182208	0.886539	-1.12746	0.0182208	0.886539	2.10079	1.70035	0.743883	0.619434	0.772585	1
cg05339056	GRM3	0.154624	0.0177366	0.388585	-2.57344	0.138568	0.592914	-1.68658	0.361817	0.735444	-1.35972	0.0499998	0.480611	-2.08068	0.0623173	0.502658	-1.98942	0.088644	0.540031	-1.85174	0.626453	0.851465	-1.17445	0.605669	0.843055	-1.18616	0.247409	0.672704	-1.48654	2.10076	3.57551	1.5129	1
cg05028306	LAP3	0.154624	0.684521	1.05606	1.05606	0.060771	1.32739	1.32739	0.304826	1.15244	1.15244	0.910254	1.01517	1.01517	0.00553002	1.62716	1.62716	0.981318	1.00313	1.00313	0.879816	0.98	-1.02041	0.85475	1.02477	1.02477	0.506814	1.09409	1.09409	2.10076	0.59317	0.250986	1
cg19640517	ZC3H7B	0.154623	0.7466199	0.917095	-1.09005	0.159155	1.520806

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05078035	ZIC1;ZIC1	0.15477	0.825194	1.20328	0.580161	1.59583	0.445435	0.488964	2.04497	0.199876	0.10464	3.170769	1.52162	1.52162	0.68452	1.40736	0.912132	0.911793	1.09674	0.92601275	2.43914	2.22314	0.224819	2.905333	2.09581	23.273	9.8519	1
cg10070151	MED29;MED29;PAF1	0.15472	0.136296	0.7171 03	-1.3945	0.676267	1.09089	1.09089	0.423631	1.18448	1.18448	0.652375	1.0985	1.0985	0.00873446	0.50051	1.99796	0.752641	0.936599	-1.06769	0.675599	0.916502	-1.0911	0.30262	1.2476	1.2476	0.713638	1.07935	2.09979	1.42733	0.6042	1
cg21128953	MTUS2;MTUS2	0.15478	0.155092	0.38128	-2.62274	0.103586	0.32366	-3.08967	0.248555	0.46563	-2.14763	0.692933	0.777627	-1.28596	0.070656	0.278001	-3.59711	0.361654	1.81162	1.81162	0.193974	0.418576	-2.38905	0.314815	0.517526	-1.93227	0.0958287	3.19	3.19	2.09976	13.355	5.65359	1
cg09169953	PITX2;PITX2	0.15478	0.653685	1.09085	1.09085	0.6440337	1.56136	1.56136	0.222726	1.27882	1.27882	0.29339	1.835568	-1.23152	0.568521	1.11737	1.11737	0.376504	1.83967	-1.19094	0.29615	0.81173	-1.23194	0.0349077	1.6099	1.6099	0.585895	1.11174	1.11174	2.09973	1.23298	0.521964	1
cg19591206	SLCO2A1;SLCO2A1	0.15478	?	?	?	0.791241	0.893592	-1.11863	0.205796	0.562929	-1.77642	0.154161	0.516681	-1.93543	0.441669	0.71635	-1.39596	0.013640	0.247288	-4.04386	0.780985	0.892885	-1.11996	?	?	?	?	?	?	2.40539	4.313203	1.79265	1
cg18412690	DDB1;DDB1;NRD1	0.15475	0.909749	0.97073	-1.03015	0.226862	0.717206	-1.3943	0.106524	0.630209	-1.58677	0.409086	0.80157	-1.24755	0.0288582	0.511944	-1.95334	0.364996	1.27615	1.27615	0.257134	0.733573	-1.36319	0.0276257	0.50547	-1.97836	0.882374	0.961956	-1.03955	2.09971	2.2823	0.966189	1
cg12476541	RIPK4	0.15476	0.856875	1.0475	1.0475	0.192222	0.701314	-1.42589	0.84509	0.950961	-1.05157	0.48846	0.834517	-1.1983	0.515942	1.18449	1.18449	0.0101263	2.30212	2.30212	0.215283	1.39831	1.39831	0.180905	1.44073	1.44073	0.942262	1.01879	1.01879	2.0997	2.19713	0.930133	1
cg14786285	HARS;HARS2;HARS2	0.15476	0.6044	0.942672	-1.06081	0.279551	0.879309	-1.13726	0.106099	1.22366	1.22366	0.752181	1.0364	1.0364	0.290291	1.13259	1.13259	0.673599	0.959299	-1.043	0.956092	0.976899	-1.02365	0.122905	1.2105	1.2105	0.0156714	1.40554	1.40554	2.09557	0.435151	0.153453	1
cg06808967	ACAA1;ACAA1;MYO8B;ACAA1	0.15478	0.884842	0.96144	-1.04011	0.232479	1.40458	1.40458	0.733255	1.09766	1.09766	0.600311	1.15396	1.15396	0.00868254	0.455205	2.47828	0.236958	0.714482	-1.39962	0.676942	0.892935	-1.1204	0.350857	1.29763	1.29763	0.587867	1.16205	1.16205	2.09969	2.44831	1.03647	1
cg25011809	KIF3A	0.15478	0.275555	0.506974	-1.97249	0.0292733	0.214823	-4.655	0.0762179	0.306843	-3.25899	0.597955	1.37533	1.37533	0.0737047	0.303021	-3.3001	0.181354	0.42752	-2.33907	0.156924	0.403887	-2.47594	0.571608	1.40824	1.40824	0.80185	1.16252	1.16252	2.09969	1.19262	0.54889	1
cg03477904	MTERFD2;MTERFD2;MTERF2;MTERF D2	0.15478	0.896685	0.946052	-1.05702	0.115789	0.482032	-2.07455	0.0422611	2.71473	2.71473	0.0909234	2.21438	2.21438	0.693371	0.844369	-1.18432	0.352961	0.664975	-1.50382	0.416929	0.701771	-1.42497	0.146227	0.514232	-1.94665	0.942208	1.03143	1.03143	2.09968	6.05998	2.56546	1
cg27638727	T3A2	0.15479	0.974378	1.00571	1.00571	0.0597036	1.45787	1.45787	0.876149	0.972709	-1.02806	0.659008	0.924238	-1.08197	?	?	?	0.693284	1.07286	1.07286	0.0207286	0.610155	-1.63893	0.696925	1.07191	1.07191	0.235412	1.24684	1.24684	2.11586	0.937526	0.443095	1
cg25132226	USP8;USP8;USP8	0.15479	0.102288	0.435524	-2.29609	0.549344	1.32529	1.32529	0.37067	1.5332	1.5332	0.88192	0.933239	-1.07154	0.584705	1.15851	1.29207	1.29207	0.029705	0.304352	-3.28567	0.579317	1.29735	1.29735	0.167596	1.98133	1.98133	0.157366	2.01962	2.09965	7.18613	3.04226	1
cg25729041	NRD1;NRD1;NRD1;NRD1	0.15479	0.116532	0.742249	-1.34726	0.183027	1.25357	1.25357	0.0553984	1.46165	1.46165	0.891247	1.02373	1.02373	0.308923	0.834832	-1.19781	0.207917	0.797241	-1.25431	0.246871	1.23066	1.23066	0.586489	1.09871	1.09871	0.202096	1.25968	1.25968	2.09964	0.976982	0.414638	1
cg17466131	S2;SORBS2;SORBS2;SORBS2	0.15479?	0.567668	0.727793	-1.37402	0.00749137	0.150539	-6.64281	0.0553456	0.302598	-3.30471	0.702617	1.23492	1.23492	0.795265	0.866722	-1.15377	0.31132	1.25853	1.25853	0.0187085	0.534964	-1.86928	0.965507	1.00954	1.00954	0.093352	1.49556	1.49556	2.09963	1.60252	0.678434	1
cg09758897	JARID2	0.15478	0.613679	0.769402	-1.29971	0.218567	0.513552	-1.94722	0.872205	1.08643	1.08643	0.625259	0.776096	-1.2885	0.0451561	0.306189	-3.26595	0.0889799	0.38061	-2.62736	0.011166	0.197245	-5.06984	0.191751	0.490831	-2.03736	0.406116	0.645542	-1.54909	2.09962	8.81829	3.73328	1
cg21924916	ITPR1;ITPR1;ITPR1	0.15481	0.467487	0.889635	-1.12409	0.30704	1.41833	1.41833	0.215347	1.68557	1.68557	0.868027	1.0401	1.0401	0.554399	1.16919	1.16919	0.0214124	0.428008	-2.33648	0.122731	0.174075	-5.74198	0.0190612	0.37456	-2.67001	0.0479555	0.913578	-1.0946	2.09955	1.85857	0.786868	1
cg25198316	OR10AD1	0.15482	0.544291	0.749713	-1.33384	0.0508655	0.352001	-2.8409	0.0221051	0.275789	-3.62596	0.45459	0.6994	-1.4298	0.0545002	0.359154	-2.78432	0.789239	1.134	1.134	0.746914	0.858999	-1.16415	0.238246	0.559981	-1.78578	0.0806191	0.402713	-2.48316	2.09953	7.32638	3.1018	1
cg25012239	MUC20	0.15484	0.0727406	0.376425	-2.65637	0.614301	1.28146	1.28146	0.784042	1.14348	1.14348	0.911202	0.947009	-1.05596	0.0506622	0.337282	-2.96468	0.0596477	0.354397	-2.82169	0.99147	1.00523	1.00523	0.169528	0.489583	-2.04256	0.0527601	0.341455	-2.92865	2.09952	7.92031	3.53328	1
cg04249737	ITPRIP	0.15486	0.0363491	1.67299	1.67299	0.7888	0.944798	-1.05843	0.181646	0.740906	-1.3497	0.723572	0.927643	-1.078	0.153781	0.723992	1.38123	0.0563192	1.57946	1.57946	0.354617	1.22313	1.22313	0.863969	0.964382	-1.03693	0.826659	0.954674	-1.04748	2.09951	1.48741	0.629741	1
cg16207991	PHACTR1	0.15418	0.177994	0.442431	-2.26024	0.0372205	0.252114	-3.96645	0.0590329	0.296818	-3.36907	0.536500	0.700051	-1.42847	0.25251	0.506119	-1.97582	0.46313	0.653444	-1.53035	0.373978	0.594556	-1.68193	0.0836782	0.97632	0.976632	0.592607	0.735124	-1.36031	2.0995	10.7935	4.56978	1
cg26426186	KCND3	0.15482	0.538061	0.8	-1.25	0.888366	0.996139	-1.00388	0.503348	1.19746	1.19746	0.722394	1.2151	1.2151	0.0236622	0.339307	-2.94634	0.242613	0.548026	-1.82463	0.0842011	0.256831	1.26831	1.26831	0.372423	0.587486	-1.70227	0.0715849	0.586355	-1.70545	2.09948	2.34097	0.991131	1
cg03039218	KIF18B	0.15482	0.0285117	0.327014	-3.05798	0.865803	1.07589	1.07589	0.364669	1.49607	1.49607	0.132565	2.01758	2.01758	0.508021	0.747954	-1.33698	0.947287	1.02901	1.02901	0.212988	0.567104	-1.76334	0.100233	2.17891	2.17891	0.548574	1.3002	1.3002	2.09947	6.21895	2.63302	1
cg16449205	TMEM184A	0.15482	0.784294	1.11396	1.11396	0.312624	0.93605	1.05355	0.0915763	0.801838	-1.31886	0.83941	1.09001	1.09001	0.615613	0.912926	-1.09546	0.979004	1.0194	1.0194	0.128095	0.96235	1.03907	1.03907	1.11937	1.11937	0.132552	0.913261	1.09483	2.09947	5.61507	2.23735	1
cg09710316	SLC2A2	0.15427	0.494788	0.808446	-1.23694	0.72966	0.859858	-1.11228	0.0182123	0.455084	-2.40195	0.595721	0.848535	-1.1785	0.19934	0.65972	-1.51579	0.0531479	0.597004	-1.96192	0.777878	0.912692	-1.09546	0.152269	1.07209	1.07209	0.163788	1.62783	1.62783	2.09946	1.12483	0.432448	1
cg06183820	SERPINB6	0.15429	0.409745	1.1356	1.1356	0.902469	1.01866	1.01866	0.376808	0.87215	-1.14659	0.402035	1.1381	1.1381	0.155074	0.794022	-1.25799	0.327657	0.858639	-1.16463	0.0955745	1.31806	1.31806	0.102379	1.30946	1.30946	0.054024	1.39079	1.39079	2.09942	0.756467	0.320286	1
cg20307052	FOXF1;FOXF1	0.15429	0.0307702	0.220521	-4.53548	0.187702	0.757367	-1.32057	0.0115646	0.210504	-4.75139	0.0178367	0.348044	-1.91326	0.0540981	0.251737	-3.97233	0.0616904	0.411233	-2.43052	0.0170984	0.17975	-5.56511	0.0412333	0.99004	-1.0096	0.0139378	1.38177	0.0139378	2.09941	0.664986	0.283179	1
cg09291628	FBXL5;FBXL5	0.15483	0.310153	0.831869	-1.20211	0.814336	1.0421	1.0421	0.190454	0.78425	-1.2751	0.454777	1.14277	1.14277	0.0725639	1.42073	1.42073	0.552226	1.11116	1.11116	0.0196349	0.610104	-1.63907	0.879003	1.02692	1.02692	0.67786	0.929396	-1.07597	2.0994	1.02158	0.43254	1
cg09431525	DLL3;DLL3	0.15483	0.0779024	0.376425	-2.65637	0.614301	1.28146	1.28146	0.784042	1.14348	1.14348	0.911202	0.947009	-1.05596	0.0506622	0.337282	-2.96468	0.0596477	0.354397	-2.82169	0.99147	1.00523	1.00523	0.169528	0.489583	-2.04256	0.0527601	0.341455	-2.92865	2.09952	7.92031	3.53328	1
cg23652681	WDR46;WDR46	0.15484	0.0198385	0.459093	-2.17821	0.946178	1.01886	1.01886	0.330388	0.75728	-1.32051	0.701878	0.88901	-1.11233	0.106133	0.613559	-1.62984	0.18107	0.674991	-1.4815	0.0261667	0.481772	-2.07567	0.681323	1.12108	1.12108	0.585694	0.858682	-1.16458	2.09939	2.54758	1.07865	1
cg01640635	KDELR3;KDELR3	0.15438	0.158046	0.314319	-3.18148	0.364363	2.04373	2.04373	0.343555	0.470248	-2.1027	0.523901	0.609436	-1.64086	0.0189139	0.113058	-8.84501	0.159444	0.315706	-3.1675	0.102	0.253473	-3.94521	0.0653632	0.204696	-4.8853	0.589269	0.658377	-1.51889	2.09937	19.5515	8.27828	1
cg04514980	LAPTM4A	0.15489	0.309971	1.34209	1.34209	0.539402	0.564066	-1.77244	0.0134665	0.137125	-7.29127	0.132327	0.15887	-6.29544	0.0105	0.0556222	-17.9782	0.0139769	0.0840304	-11.9006	0.0155956	0.0552402	0.89091	0.836372	1.16406	1.16406	0.108705	1.56554	1.56554	2.09936	2.08384	0.882319	1
cg04159993	DLST	0.15484	0.546597	0.922313	-1.08423	0.101502	1.26828	1.26828	0.625864	0.936945	-1.0673	0.226293	1.18342	1.18342	0.250225	1.17265	1.17265	0.139709	1.23449	1.23449	0.069873	0.764384	-1.30824	0.0934349	1.27708	1.27708	0.426435	1.11365	1.11365	2.09935	0.584195	0.247355	1
cg17203733	EIF3F	0.15485	0.158803	0.31576	-3.16783	0.302824	0.847668	-1.1525	0.0553703	0.344307	-2.90563	0.119982	0.637955	1.18775	0.0623992	0.842911	-1.18625	0.164602	0.326158	-3.06602	0.0121388	0.552388	-1.81025	0.0111702	0.521388	-1.91768	0.0731357	0.877455	-1.13966	2.09927	2.62339	0.83867	1
cg13338133	YTHDF3	0.15453	0.807673	1.03581	1.03581	0.273014	0.848125	-1.17891	0.0634788	0.740035	-1.35129	0.910101	0.764462	-1.30811	0.836984	0.970714	-1.03017	0.199204	1.82255	-1.21617	0.0523401	0.137487	1.37487	0.997591	0.999564	-1.00044	0.211314	0.826969	-1.20923	2.09926	6.692014	0.293019	1
cg23272070	C3orf31	0.15453	0.726587	0.885607	-1.12917	0.108885	0.546039	-1.83137	0.14017	0.577408	-1.73188	0.562328	1.22472	1.22472	0.0274579	0.405539	-2.46585	0.80526	0.918071	-1.08924	0.156606	0.591946	-1.68934	0.156401	1.68984	1.68984	0.676555	1.15625	1.15625	2.09925	3.98136	1.66583	1
cg25211875	PIITG	0.15455	0.0137406	0.163467	-6.1188	0.0202863	0.0787079	-14	0.0156093	0.0433948	-11.1998	0.0170547	0.0972842	-4.68273	0.0107447	0.0239242	-20.8005	0.0658604	0.005404	-11.9448	0.515852	0.874133	-1.14399	0.10805	1.47972	1.47972	0.338122	0.802053	-1.24648	2.09925	0.653867	0.703128	1
cg00046041	SLC7A5P2	0.15458	0.580735	1.08583	1.08583	0.618811	1.06274	1.06274	0.48979	0.901578	-1.10917	0.178162	0.809629	-1.23513	0.660134	0.936803	-1.06746	0.599757	0.924818	-1.08126	0.703054	0.952388	-1.05121	0.182218	0.784488	-1.27471	0.299223	0.734393	0.306733	1
cg02094283	NNMT	0.15458	0.0753849	0.437937	-2.28403	0.0766502	0.224402	-4.23465	0.0172037	0.263708	-3.79299	0.134683	0.344426	-2.90344	0.0277959	0.180443	-5.54269	0.0238674	0.378311	-2.64353	0.0411997	0.194857	-5.13091	0.0154645	0.143882	-6.94984	0.184615	0.253073	-3.95143	2.09924	10.7643	4.59007	1
cg19865340	PRKD2;PRKD2;PRKD2;PRKD2	0.15461	0.310895	0.536708	-1.86321	0.210873	0.45728	-2.18684	0.513396	0.674761	-1.48201	0.407301	0.604644	-1.65387	0.0123883	0.15759	-6.34558	0.093793	0.334966	-2.98538	0.0281425	0.214621	-4.65938	0.215896	0.461613	-2.16631	0.493746	0.661992	-1.51059	2.09921	11.7125	4.95951	1
cg08218321	SLM2	0.15462	0.232085	0.505519	-1.98602	0.152427	1.68858	1.68858	0.321388	0.537971	-1.74834	0.725667	0.824583	-1.21273	0.0105035	0.313504	-3.18955	0.714299	0.817666	-1.22299	0.215214	0.182569	-5.47738	0.0134949	0.878727	-1.13801	0.894068	0.929657	-1.07567	2.0992	0.96554	0.41982	1
cg04575144	ZBTB7A	0.15462	0.0821529	0.51709	-1.93309	0.154134	0.511529	1.95193	0.103859	1.87528	-1.47538	0.636978	1.10836	1.10836	0.775099	0.939352	-1.06456	0.3595	0.815548	-1.22617	0.0992118	0.999788	-1.00021	0.0232842	1.79826	1.79826	0.0763239	1.5228	1.5228	2.0992	1.55716	0.659365	1
cg12312819	CBWD2;LOC440839	0.15463	0.115264	0.76576	-1.30589	0.560349	1.09612	1.09612	0.0589596	0.717201	-1.39431	0.71904	1.05792	1.05792	0.361852	1.15729	1.15729	0.946884	1.01044	1.01044	0.0935115	1.33309	1.33309	0.086728	0.746625	-1.34296	0.610654	1.08332	1.08332	2.0992	0.807639	0.341988	1
cg06402206	SLC19A2;SLC19A2	0.15463	0.0816217	0.488075	-2.04871	0.0775897	0.215482	-4.64	0.0176076	0.386353	-2.58968	0.121469	0.319076	3.13504	0.0219868	0.127459	-7.84353	0.0188349	0.577405	-1.73191	0.0233134	0.211397	-4.72944	0.0168857	0.109359	-9.14286	0.0139359	0.820116	1.05157	2.0992	1.05157	0.0445	1
cg17505045	DCUN1D4;DCUN1D4;DCUN1D4;DCUN1	0.15465	0.954621	0.989675	-1.01043	0.326448	1.20428	1.20428	0.521581	0.88839	-1.12576	0.290392	1.2579	1.2579	0.189526	1.28842	1.28842	0.651487	1.08645	-1.08645	0.0122593	0.566144	-1.76633	0.315695	0.827646	-1.20825	0.952362	1.01095	1.01095	2.09918	1.10547	0.468107	1
cg02067580	C1orf77;S100A13;C1orf77	0.15466	0.64097	0.800742	-1.24884	0.76213	1.15401	1.15401	0.211997	1.88826	1.88826	?	?	?	0.0892423	0.389466	-2.56762	0.0366522	0.281311	-3.55479	?	?	?	0.359426	1.57139	1.57139	0.705697	1.19628	1.19628	2.60254	6.52537	1.79003	1
cg27014625	TTC38	0.15469	0.00626044	0.648433	-1.54218	0.273226	0.870492	-1.14878	0.101087	0.803802	-1.24409	0.354111	0.890507	-1.12296	0.392836	0.898997	-1.11235	0.829282	1.02661	1.02661	0.985738	1.00218	1.02661	1.02662	1.06144	1.06144	0.375097	1.895179	-1.1171	2.09916	0.491806	0.208293	1
cg25916044	LOC646999	0.15467	0.549011	0.8	-1.25	0.888366	0.996139	-1.00388	0.503348	1.19746	1.19746	0.722394	1.2151	1.2151	0.0236622	0.339307	-2.94634	0.242613	0.548026	-1.82463	0.0842011	0.256831	1.26831	1.26831	0.372423	0.587486	-1.70227	0.0715849	0.586355	-1.70545	2.09915	2.34097	0.991131	1
cg19921389	GP9	0.15473	0.2765968	0.757374	-1.32035	0.0245298	0.517998	-1.93051	0.956546	1.01347	1.01347	0.663391	1.11353	1.11353	0.258305	1.33593	1.33593	0.611867	0.881925	-1.13388	0.0555361	1.70372	1.70372	0.654957	1.11678	1.11678	0.381496	0.802195	-1.24658	2.09913	2.00457	0.848846	1
cg19441853	ADPGK;ADPGK;ADPGK	0.15473	0.0308131	0.239986	-4.17736	0.201193	0.24033	-4.24033	0.863385	0.907473	-1.10196	0.670716	0.785769	-1.27264	0.0715166	0.327255	-3.05571	0.604769	0.740535	-1.34223	0.0704408	0.813859	-1.22813	0.0716351	0.377533	-2.64878	0.781295	0.854793	-1.16987	2.09912	10.5652	4.47391	1
cg17745251	C10orf140	0.15476	0.0436802	0.722371	-1.38433	0.22244	0.835426	-1.19699	0.260276	0.84817	-1.17901	0.645042	0.724811	-1.37967	0.239013	0.841192	-1.18979	0.762463	0.958379	-1.04343	0.409287	1.12564	1.12564	0.0956132	0.773577	-1.2927	0.0689954	0.751694	1.33033	2.09912	0.653859	0.276882	1
cg02510267	NELL1;NELL1	0.15477	0.0569851	0.446837	-2.23795	0.0626708	0.453244	-2.20632	0.655388	1.18494	1.18494	0.75641	1.12473	1.12473	0.197594	1.6728	1.6728	0.200609	0.600092	-1.66641	0.27977	1.52878	1.52878	0.771603	1.11623	1.11623	0.210783	1.64563	1.64563	2.09911	4.74443	2.00907	1
cg14538537	LEPREL2	0.15477	0.1142464	0.2	-5	0.37427	1.67373	1.67373	-1.59579	0.722525	1.18656	0.460564	0.987834	1.18656	0.460564	0.987834	1.18656	0.132523	0.441765	-2.26364	0.0262589	0.265333	-3.76887	0.0206643	1.57099	1.57099	0.0911	2.42183	2.42183	2.09911	0.42183	0.156631	1
cg21238033	CA10;CA10;CA10;CA10	0.15478	0.867064	0.94325	1.04325	0.505461	1.75635	1.75635	0.0328221	1.87963	1.87963	0.109211	1.555	1.555	0.185481	1.42346	1.42346	0.988126	0.996246	-1.00377	0.417828	0.811174	-1.23278	0.307367	0.765607	-1.30615	0.450949	1.21427	1.21427	2.0991	2.12399	0.899428	1
cg06779488	MBP;MBP;MBP;MBP;MBP	0.15481	0.362467	1.15142	1.15142	0.354649	0.260463	2.04122	0.0240452	0.233055	4.76074	0.0107477	0.932173	1.07273	0.0107477	0.932173	1.07273	0.463924	0.740047	-1.35133	0.0212724	0.9475	1.0553	0.608092	1.43457	1.43457	0.202088	1.38833	1.38833	2.0991	1.44682	0.689254	1
cg15908833	DCAF17;DCAF17;DCAF17	0.15481	0.288247	1.30954	1.30954	0.029036	0.532905	-1.87651	0.748084	0.924206	-1.08201	0.0909199	0.634117	-1.577	0.941848	0.982313	1.01801	0.356763	1.26092	1.26092	0.201899	1.39042	1.39042	0.151397	0.680595	-1.45646	0.869412	0.960552	-1.04107	2.0908	1.98906	0.842301	1
cg22488717	C2orf70	0.15483	0.374834	0.767674	-1.30264	0.0239051	0.457375	-2.18639	0.727762	0.909538	-1.10676	0.673662	0.884313	-1.13082	0.0942671	0.586284	-1.70566	0.127459	0.619774	-1.61349	0.0649299	0.547922	-1.82508	0.0423316	0.507245	-1.97143	0.950625	1.01814	1.01814	2.09907	2.80091	1.1861	1
cg19825959	DGKB;DGKB	0.15483	0.0460241	0.515907	-1.93923	0.151923	1.9965	1.9965	0.113227	1.88474	-1.88474	0.626415	0.827738	-1.20811	0.271038	0.757257	1.67557	0.199203	1.8423	-1.83376	0.0183872	0.157826	-6.33636	0.0228958	1.76683	1.76683	0.877058	1.07222	1.07222	2.09907	0.94901	2.85625	1
cg00748599	SEMA3C	0.15484	0.220851	0.801504	-1.24765	0.902255	1.02068	1.02068	0.233835	1.23934	1.23934	0.593476	0.91153	-1.09706	0.746325	0.945738	-1.05738	0.189775	1.26968	1.26968	0.0337397	0.652935	-1.53155	0.671711	0.929335	-1.07604	0.0702848	1.41602	1.41602	2.09906	0.982573	0.41609	1
cg08230507	MAD1L1;MAD1L1;MAD1L1	0.15485	0.760602	0.824408	-1.21295	0.0114651	0.127851	-7.82158	0.0133491	0.159479	-6.27042	0.892218	0.915706	-1.09205	0.0648243	0.592932	-1.68656	0.0210455	0.248703	-4.02406	0.0637463	0.749309	-1.33421	0.884148	1.09934	1.09934	0.39006	1.04264	1.04264	2.09904	5.93978	2.53	1
cg26128121	CACNB1	0.15485	0.158373	0.34129	2.94329	0.461807	1.52596	1.52596	0.911033	1.06509	1.06509	0.614971	1.60013	1.60013	0.141703	2.4059	2.4059	0.193739	1.77226	1.77226	0.0093767	6.41403	6.41403	0.045108	1.6583	1.6583	0.350496	1.71968	1.71968	2.09905	10.5808	4.48068	1
cg27560292	TAF10	0.15489	0.0166612	0.496579	-2.01378	0.628335	1.12391	1.12391	0.510909	1.17314	1.17314	0.701983	1.09644	1.09644	0.927342	0.978396	-1.02208	0.476632	1.18923	1.18923	0.0905415	0.544091	-1.83793	0.905698	1.02879	1.02879	0.535438	0.86046	-1.16217	2.09902	1.90637	0.807306	1
cg19173795	OR2I2	0.15486	0.468984	1.26991	1.26991	0.0153115	1.25315	1.25315	0.0556502	0.834747	-1.19748	0.588773	1.10865	1.10865	0.459788	1.25522	-1.25522	0.161629	0.846988	-1.18065	0.556532	0.808378	-1.23816	-1.19244	0.347652

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. 1477)	Fold-Change(1537 vs. 1477)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg09235936	HDLBP;HDLBP	0.155061	0.704163	1.5504	0.155504	0.0158184	0.161105	30.6105	0.0250399	21.8731	21.8731	0.67446	1.62529	0.672096	0.428021	2.33143	0.853404	1.24238	1.24238	0.856399	1.23323	1.23323	0.835572	6.61644	0.732897	1.51463	1.51463	2.0979	44.5023	18.8558	1
cg02145319	AXIN1;AXIN1	0.155066	0.872346	1.03597	1.03597	0.476112	1.172661	1.17261	1.172661	0.443198	0.842141	-1.18745	0.152609	1.40028	1.400128	1.40116	1.46491	1.46491	0.063071	0.631626	-1.58322	0.0547551	1.61409	1.61409	0.5901	0.878226	-1.13866	0.603523	0.891242	-1.12203	0.207888	1.604555	0.679862	1
cg15161772	ZNF691	0.155068	0.207497	1.38972	1.38972	0.0393182	1.804664	1.80464	0.270263	1.32874	1.32874	0.156137	1.45595	1.45595	0.537291	1.16727	1.16727		0.144984	1.47339	1.47339	0.304489	0.768508	-1.30122	0.903318	0.970159	-1.03055	0.126597	0.664204	-1.50556	0.209786	2.03693	0.863073	1
cg09133692	MMADHC	0.155071	0.908287	1.01216	1.012161	0.1196507	0.783724	-1.19374	0.931281	0.090997	-1.00909	0.729324	1.0371	1.03771	0.607765	1.05677	1.05677		0.258148	1.08381	1.08381	0.0126229	1.38428	1.38428	0.236316	0.877985	-1.13897	0.701382	1.04121	1.04123	0.20784	0.365349	0.0145124	0.154804	1
cg08196968	PPP1R14A	0.155072	0.2436	0.228315	-4.37991	0.436657	0.382639	-2.61343	0.111882	8.13296	8.13296	0.494897	2.31419	2.31419	0.254782	0.239933	-4.16783		0.341837	3.273	3.273	0.888099	0.84329	-1.18583	0.616973	33.9405	33.9405	0.695807	1.609113	0.207484	48.695	20.6329	1
cg15535174	C20orf117;C20orf117	0.155073	0.951972	1.03779	1.03779	0.0428282	4.20186	4.20186	0.084954	3.23168	3.23168	0.693827	1.2711	1.2711	0.554112	1.44558	1.44558		0.469317	0.63551	-1.57354	0.767398	0.83306	-1.20039	0.0215301	0.547442	0.171647	2.45004	0.24504	0.207883	12.5987	5.33831	1
cg02598797	HIURP	0.155075	0.317758	1.39514	1.39514	0.8357007	1.06925	1.06925	0.359246	1.35522	1.35522	0.38374	1.33375	1.33375	0.775828	0.91205	-1.09643		0.990869	0.996317	-1.0037	0.925361	1.03068	1.03068	0.775314	0.911851	-1.09667	0.00580778	0.311924	-3.20591	0.207982	3.45457	1.46377	1
cg25146249	EMSY;OS	0.155153	0.089562	-10.1095	0.1026907	0.155938	-6.4133	0.1639	0.0178	0.103634	-3.01448	0.247609	0.283946	-3.52179	0.0673322	0.118226	-8.45939		0.104715	0.157737	-6.3965	0.0354292	0.0780229	-12.8168	0.430079	0.432205	-2.31372	0.0575327	0.106773	-9.36567	2.09779	36.0393	15.2708	1
cg02484483	P2RX7	0.155081	0.186629	0.41781	-2.39343	0.1632649	0.307162	-3.25646	0.027315	0.19633	-5.09347	0.766398	1.2041	1.2041	0.301772	0.513278	1.94826		0.286689	0.501727	-1.99311	0.244831	0.668409	-1.23489	0.928781	1.05731	1.05731	0.920321	1.06436	1.06436	0.398778	2.51118	0.47108	1
cg15341512	FAM53B	0.155082	0.870198	1.04807	1.04807	0.0310951	0.483626	-2.06771	0.0785965	0.57073	-1.75214	0.697131	1.11883	1.11883	0.0191301	0.503908	-1.98449		0.758078	1.09275	1.09275	0.411375	1.27271	1.27271	0.416624	0.787941	-1.26913	0.714364	1.1113	1.1113	2.09777	2.73826	1.16028	1
cg15408512	TUBGCP2	0.155084	0.612094	1.39005	1.39005	0.0384795	0.1033616	1.56195	0.481833	1.26668	1.26668	0.61774	1.40852	1.40852	0.256964	1.75007	1.75007		0.163083	0.894962	-1.1697	0.0176946	0.64508	1.55023	0.837387	0.462122	0.797049	-1.30599	0.781382	1.58512	1.58512	0.0017	91.0946	38.5998	1
cg26750548	LDB3;LDB3;LDB3;LDB3;LDB3;LDB3	0.155085	0.916276	0.955443	-1.04663	0.739666	1.155552	1.15552	0.477165	1.36794	1.36794	0.291613	0.623627	-1.60352	0.091896	0.447401	-2.23513		0.493894	0.739977	-1.35139	0.00642902	0.0215162	-4.64766	0.612583	0.803442	-1.24775	0.527415	0.757646	-1.31988	0.209775	6.24206	2.64497	1
cg04631584	PHACTR1	0.155085	0.087721	0.607794	-1.62923	0.437136	1.212979	1.21299	0.575208	0.885642	-1.1154	0.1419	0.664313	-1.50531	0.0322334	0.522253	-1.91477		0.143941	0.449324	0.818098	-1.22335	0.219051	0.715498	-1.39763	0.209725	2.22864	0.944551	1
cg24911721	MIRLET7A3;LOC400931;MIRLET7B	0.155086	0.446511	1.85026	1.85026	0.178979	0.79697	0.79697	0.0366845	0.85529	0.85529	0.738359	1.30453	1.30453	0.325312	0.648891	-1.54209		0.3067	1.09744	1.09744	0.245077	2.62276	2.62276	0.13577	3.57831	3.57831	0.810278	1.21013	1.21013	2.09775	20.8939	8.85348	1
cg01836096	CBORF20	0.155086	0.947646	0.98589	-1.01431	0.0590928	1.158599	1.58599	0.268594	1.28319	1.28319	0.715594	0.923868	-1.08241	0.0860798	0.663364	-1.50747		0.776491	1.06353	1.06353	0.0418779	1.660112	1.66112	0.176458	1.36475	1.36475	0.461528	1.17611	1.17611	2.09775	1.55584	0.659266	1
cg26508800	GABBR1;GABBR1;GABBR1	0.155088	0.063392	0.466557	-2.14336	0.7899114	1.10242	1.10242	0.141202	1.78216	1.78216	0.114314	1.8724	1.8724	0.222494	0.921225	-1.08551		0.490662	1.2911	1.2911	0.187527	0.600462	-1.66538	0.0926124	0.190563	1.96563	0.394885	1.37465	1.37465	2.09773	4.94326	1.87727	1
cg03878567	COL9A1;COL9A1	0.155089	0.547129	0.719006	-1.39081	0.0900628	0.363657	-2.74985	0.051413	0.300956	-3.32275	0.584622	1.34836	1.34836	0.152141	0.435789	-2.29469		0.212864	0.491472	-2.03471	0.0384112	0.272849	-3.66503	0.419932	1.56232	1.56232	0.729497	1.20678	1.20678	2.09772	9.73977	4.12713	1
cg16208271	ENTPD6;ENTPD6	0.155092	0.619037	0.919737	-1.08727	0.0478841	1.53148	1.53148	0.213752	1.22601	1.22601	0.176961	0.797396	-1.25433	0.164187	0.991575	-1.0085		0.110228	0.720346	-1.38822	0.347253	1.200207	1.20007	0.967161	1.00779	1.00779	0.0858698	1.43002	1.43002	2.09772	1.17975	0.499907	1
cg22013079	AFAP1;AFAP1	0.155091	0.124348	0.718539	-1.39147	0.346004	1.21756	1.21756	0.148398	1.86925	1.86925	0.170269	1.38025	1.38025	0.0182515	0.742402	-1.34698		0.457429	1.1659	1.1659	0.0952807	0.689517	-1.45029	0.695312	0.923265	-1.08311	0.23514	0.779038	-1.2837	0.279772	1.36691	0.579214	1
cg17140797	AKAP8L;AKAP8L	0.155093	0.282747	0.454674	-2.19938	0.167991	2.873771	2.87371	0.411705	0.55633	-1.79749	0.350716	0.509685	-1.962	?	?	?		0.932181	1.06036	1.06036	?	?	?	0.0319065	0.144854	-6.90349	0.24753	2.35684	2.35684	2.60018	13.9333	3.82757	1
cg15299233	SCAMP2	0.155094	0.619865	0.662067	-1.50937	0.0124968	1.24564	1.24564	0.055953	0.23913	0.23913	0.159002	1.23748	1.23748	0.212914	0.488987	0.561125	-1.78213		0.462749	1.84866	1.84866	0.366302	2.14463	2.14463	0.441701	1.30574	0.460358	0.539091	1.85497	1.85497	2.09769	22.4499	9.51306	1
cg18042632	C21orf130	0.155097	0.909605	0.942667	-1.06082	0.746628	1.1852	1.1852	0.43116	1.51844	1.51844	0.0199002	0.231993	0.43047	0.253235	0.537843	-1.85928		0.444797	0.667013	-1.49922	0.0919824	0.381245	-2.62298	0.424804	0.654612	-1.52762	0.042871	0.297735	-3.3587	0.279664	8.97818	3.8045	1
cg08221507	TRIM62	0.155104	0.861318	0.92345	-1.08267	0.334457	1.354402	1.35402	0.0505853	0.73857	-1.35457	0.210257	0.656601	1.00068	1.00068	0.152152	1.34655	1.34655	0.853804	1.15313	1.15313	0.0882399	0.772532	1.77532	0.487661	0.887227	-1.1465	0.452893	0.862154	-1.15989	0.207563	0.943003	0.67367	1
cg11742472	ARHGEF10;ARHGEF10L	0.155105	0.917131	1.04326	1.04326	0.0415723	2.60154	2.60154	0.0236718	3.00151	3.00151	0.73393	0.87038	-1.14892	0.475587	1.34339	1.34339		0.635157	1.21469	1.21469	0.172829	1.80453	1.80453	0.0533181	2.443	2.443	0.712663	1.8602645	-1.16243	0.209762	1.50059	2.33093	1
cg10497444	SLC22A18;SLC22A18	0.155114	0.0145564	12.4332	12.4332	0.0492725	6.55246	6.55246	0.205065	3.06423	3.06423	0.325426	2.34056	2.34056	0.0942024	1.11788	1.11788		0.812465	1.22024	1.22024	0.939488	0.938395	-1.06565	0.168865	3.41345	3.41345	0.0730963	1.33369	5.33369	2.09757	23.3008	9.37423	1
cg12539779	COL18A1	0.155115	0.128505	0.602572	-1.65972	0.283515	0.524784	-1.91434	0.31647	0.533138	1.88204	0.162152	0.34789	-2.87434	0.0270766	0.244208	-4.09525		0.0722649	0.280317	-3.56701	0.0394688	0.128966	-7.75399	0.0756872	0.191622	-5.21756	0.0231	0.32371	0.52186	0.91622	0.209756	13.5255	5.73173	1
cg06192549	AP2M1;AP2M1	0.155116	0.396298	1.33601	1.33601	0.0706694	1.96133	1.96133	0.212696	1.54914	1.54914	0.0789571	1.91657	1.91657	0.807145	0.921676	-1.08498		0.806199	0.921298	-1.08542	0.449993	0.773593	-1.29267	0.0298802	2.34471	2.34471	0.109141	1.79071	1.79071	0.79555	3.69461	1.56568	1
cg16253168	NOL7	0.155117	0.17905	0.818464	-1.22898	0.4260864	1.1243	1.1243	0.488865	0.85653	1.16819	0.0184	0.756918	-1.32115	0.0184	0.818692	-1.22154		0.397357	0.882338	-1.13351	0.0164864	0.647612	-1.54413	0.0228488	-1.07702	0.838472	1.02092	-1.02092	0.254754	0.691339	0.293736	0.0145124	0.154804	1
cg13488851	GJB3	0.155119	0.175349	0.343158	-2.91411	0.145221	0.313211	-3.19274	0.0718844	0.225152	-4.44243	0.496891	0.599346	-1.66849	0.0414221	0.17456	-5.72868		0.548893	0.637544	-1.56852	0.110736	0.27535	-3.63174	0.0172798	0.116224	-8.60404	0.426619	0.547479	-1.82655	0.07953	18.2971	7.75392	1
cg27578458	MAP2K7 MUTYH;TOE1;TOE1;MUTYH;MUTYH;M UTYH	0.155122	0.905404	0.930942	-1.07418	0.741812	0.819474	-1.22029	0.0706303	3.44625	3.44625	?	?	?	?	?	?		0.207969	0.446817	-2.23805	?	?	?	0.0863835	0.153876	3.18376	?	?	?	2.28924	7.14304	4.36837	1
cg06232684	UTYH;MUTYH;MUTYH	0.155122	0.744721	1.04886	1.048886	0.319982	1.02996	1.02996	0.592435	1.15332	1.15332	0.409953	1.13091	1.13091	0.391398	1.2189	1.2189		0.174796	0.81001	-1.23455	0.0182727	0.660048	-1.51504	0.188922	0.816113	-1.22532	0.441587	0.891758	-1.12138	0.29751	0.708071	0.300068	1
cg27631005	SERPINC1	0.155127	0.562869	0.774233	-1.29163	0.6018856	1.342962	1.34298	0.0870404	0.43043	2.43647	0.158724	0.537349	1.86237	0.0247789	0.324703	-3.08079		0.031308	0.13117	-7.6236	0.153172	0.13605	1.31605	0.808054	0.899303	-1.11197	0.560995	0.663116	-1.50803	0.209748	0.9376	2.60428	1
cg02705666	GTF2B	0.155127	?	?	?	0.140591	1.72463	1.72463	0.0475106	2.19703	2.19703	0.723721	1.12833	1.12833	0.759824	1.10992	1.10992		0.0182054	2.73282	2.73282	0.980081	0.991548	-1.00852	0.419616	1.31321	1.31321	0.0865206	1.922777	1.92277	2.21812	3.53302	1.3937	1
cg13561157	C9orf139;ABCA2;ABCA2	0.155127	0.566391	0.917561	-1.08985	0.226429	1.20736	1.20736	0.132051	1.28429	1.28429	0.814722	0.965771	-1.03544	0.361505	0.870084	-1.14931		0.174522	0.80712	-1.23897	0.2327805	0.830547	-1.20403	0.557323	1.37931	1.37934	0.170117	1.24207	1.24207	0.09748	0.731236	0.30989	1
cg25537651	CYFIP1	0.155128	0.21862	0.460557	-2.17208	0.1345	0.831607	-1.2024	0.7482121	0.72552	1.37736	0.656314	1.0005	1.0005	0.997208	0.731705	0.00207		0.868631	1.03821	1.03821	0.00586088	0.272852	2.25872	0.0129185	0.236473	4.22966	0.0130673	0.945917	-1.05738	0.653426	0.902878	0.105757	0.647497	0.719381	1
cg13198235	TROVE2;TROVE2;UCHL5;TROVE2	0.155129	0.838818	0.969154	-1.03183	0.251203	1.20253	1.20253	0.201707	1.23047	1.23047	0.555757	1.09601	1.09601	0.575177	1.09102	1.09102		0.0094002	1.65953	1.65953	0.213804	0.817609	-1.22308	0.573228	1.09151	1.09151	0.156595	1.26252	1.26252	0.07246	0.786169	0.333173	1
cg09365557	TBX2	0.155133	0.332886	1.2836	1.2836	0.0599298	1.529199	1.84063	0.113229	0.648973	1.5409	0.380915	0.768685	-1.25206	0.381974	0.768685	-1.30091		0.483482	0.8424	-1.18693	0.0575507	0.6055	1.65155	0.0925466	0.306633	3.26178	0.0249561	0.453112	2.20645	0.049561	0.153312	0.2504	0.879579	1
cg08180566	KCNN1	0.155132	0.775571	1.06273	1.06273	0.265344	1.28158	1.28158	0.344923	0.812961	-1.23007	0.341017	1.23227	1.23227	0.975514	1.02283	1.02283		0.111853	1.44564	1.44564	0.00833665	2.04966	2.04966	0.371722	2.21558	1.21558	0.199092	1.334	1.334	2.09744	1.50512	0.637863	1
cg02036832	E4F1	0.155137	0.0186331	0.0216387	-46.2134	0.838273	0.786429	-1.27157	0.517604	2.17602	2.17602	0.344918	0.311896	-3.2062	0.288656	0.265494	-3.76657		?	?	?	0.557137	2.01901	2.01901	?	?	?	0.557137	2.01901	2.01901	?	?	?	2.61747	34.9909	11.1402	1
ch.8.120035F	CSMD1	0.155141	0.0244329	2.2836	2.2836	0.0597255	1.0705	1.54596	0.0503002	0.0806966	-11.8068	0.227708	0.368473	-2.71298	0.0224308	0.332809	-3.00428		0.545887	0.591444	-1.69078	0.144376	0.729336	-3.84711	0.0192986	0.300112	-3.33169	0.0082755	0.254	0.39375	0.74	0.0257	0.879579	1
cg23889610	RGL1	0.155143	0.0457396	1.77009	1.77009	0.812077	1.06118	1.06118	0.0529853	0.7415	-1.34862	0.299234	1.30764	1.30764	0.407418	0.833203	1.20019		0.125914	0.66175	-1.51114	0.340753	1.27733	1.27733	0.402182	0.807542	-1.23833	0.0979155	1.572551	1.57251	0.09737	2.03007	0.826481	0.875091	1
cg00119314	RSAD1	0.155147	0.087277	0.534855	-1.87002	0.1391371	1.33191	1.33191	0.137736	1.47737	1.47737	0.172718	1.2503	1.2503	0.0871398	0.677289	-1.47603		0.0974401	0.400201	0.758866	-1.31796	0.184845	0.895022	-2.53151	0.900166	1.08185	1.08185	0.447716	0.615672	1.62424	0.039434	0.0161	0.53361	1
cg16052390	TFG;TFG	0.155149	0.709479	1.10326	1.10326	0.807128	0.937793	-1.06633	0.445867	1.22635	1.22635	0.172364	0.682907	-1.46433	0.907485	0.969935	-1.031		0.353759	0.778388	-1.28471	0.0479166	0.816091	1.81091	0.0792176	1.66809	1.66809	0.0614785	1.73877	1.73877	0.09734	2.29032	0.970679	1
cg04286903	C14orf182;C14orf182	0.155151	0.945321	0.954238	-1.04756	0.74995	0.804148	-1.24355	0.824747	1.16319	1.16319	0.0229361	0.391013	0.391013	0.0421969	0.459345	0.459345		0.49505	1.16912	1.16912	0.059031	1.30853	1.54893	0.0124409	1.0796	1.0796	0.0402	1.04655	1.04655	0.0892	0.189639	0.716666	1
cg18428591	SHANK2	0.155152	0.80586	1.06194	1.06194	0.0769535	0.324434	-1.08229	0.938053	1.63276	1.63276	0.287467	0.0204802	0.0204802	0.0204802	0.108607	1.08607		0.111498	0.565654	-1.76786	0.92708	1.03054	1.03054	0.726078	1.12256	1.12256	0.653414	0.85312	-1.17217	0.79332	1.53867	1.52095	1
cg19713196	LAD1	0.155165	0.0424917	0.55598	0.55598	0.0945169	4.3901	4.3901	0.225738	2.7843	2.7843	0.920385	1.0838	1.0838	0.627116	0.674332	-1.48297		0.263745	2.55417	2.55417	0.0253079	8.50325	8.50325	0.308017	2.33804	2.33804	0.0922271	4.44496	4.44496	0.09723	21.5202	9.12112	1
cg00992117	ABTB1;ABTB1;ABTB1	0.155167	0.57225	0.88885	-1.12495	0.4705443	1.59247	1.59247	0.491373	0.88604	-1.15455	0.191705	0.751734	-1.33025	0.0238353	0.779622	-1.28301		0.016555	0.46408	-2.15543	0.0139161	0.610919	-1.63688	0.0724905	0.967368	-1.03372	0.0801458	1.00515	1.00515	0.14595	0.600137	0.600137	1
cg01597891	INA	0.155167	0.285836	0.809635	-1.23512	0.141137	1.3519	1.3519	0.178199	0.76145	-1.31328	0.465362	0.86802	-1.15205	0.757582	0.942723	1.06076		0.037372	0.631127	-1.58447	0.153871	0.747593	-1.33763	0.0601998	0.667758	-1.49755	0.70011	1.07652	1.07652	0.09722	1.2055	0.510941	1
cg00829645	AGRL4	0.155167	0.061229	0.446631	-2.23886	0.0313815	0.845654	0.8456	0.0563752	4.63212	4.63212	0.420047	1.79421	1.79421	0.506364	1.614007	1.61407		0.399704	1.64347	1.64347	0.107902	1.491393	1.64347	0.107902	1.64347	0.107902	1.491393	1.64347	0.107902	1.64347	0.107902	1.64347	0.107902

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Probeset ID	UCSC_REFGENE_NAME GAS5;SNORD76;SNORD75;SNORD77;28	p-value(Test)	p-value(1044 vs. N)	Fold-Change(1 vs.1044)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1128 vs. N)	Fold-Change(1 vs.1128)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	p-value(1437 vs. N)	p-value(1477 vs. N)	Fold-Change(3 vs.477)	p-value(1537 vs. N)	Fold-Change(3 vs.537)	p-value(1537 vs. N)	Fold-Change(5 vs.537)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg06704773	TBS7;ZBTB37;SNORD74	0.155334	0.0826518	1.23496	1.23496	0.145059	0.842129	-1.18747	0.929467	1.00977	1.00977	0.855629	1.0202	1.0202	0.0393629	1.29915	1.29915	0.258977	1.13804	1.13804	0.246577	0.875433	-1.14229	0.499632	0.927522	-1.07814	0.25137	1.14063	1.14063	0.206113	0.4002201	0.16971	1
cg25347941	TTL11;TTL1	0.155339	0.0994285	0.291135	-3.43484	0.368627	1.87938	1.87938	0.895424	0.914062	-1.09402	0.858894	1.12929	1.12929	0.118469	0.314088	-3.18382	0.203906	0.400038	-2.49976	0.0202488	0.147657	-6.77245	0.427583	0.574969	-1.73923	0.0906575	0.279809	-3.57387	0.0961	15.4988	6.57256	1
cg04480052	LMF1	0.155344	0.260287	1.72376	1.72376	0.381801	1.51582	1.51582	0.429054	0.687724	-1.45407	0.0532841	1.76806	1.76806	0.2751461	1.69209	1.69209	0.0283083	3.32219	3.32219	0.0567887	2.71774	2.71774	0.364126	1.71562	1.71562	0.152689	2.03459	2.03459	0.20607	7.13887	3.02741	1
cg06404238	CUX1;CUX1;CUX1	0.15535	0.200805	2.98175	2.98175	0.716243	0.74441	-1.34335	0.236401	0.366718	-2.72689	0.368315	0.473711	-2.11099	0.393534	0.493273	-2.02727	0.928164	0.929683	-1.07564	0.249424	2.64673	2.64673	0.028119	8.14034	8.14034	0.0967881	4.36655	4.36655	0.29602	21.7035	9.2041	1
cg26451355	GRM3;GRM3	0.155345	0.0959323	0.138055	-7.24345	0.492997	0.470506	-2.12537	0.923741	1.10925	1.10925	0.307157	1.3182388	1.3182388	0.3141418	0.8819808	-1.12465	-6.06031	0.0866745	0.128841	-7.76148	0.0285096	0.0808782	-16.4262	0.0505867	0.0948753	-10.5402	0.125264	0.165822	-6.03857	2.096	38.9277	16.5088	1
cg25896785	CILP	0.155356	0.4667924	0.867827	-1.1523	1.687785	1.32406	1.32406	0.60635	0.905284	-1.10463	0.7392353	0.9380155	-1.06604	0.0875841	1.43478	1.43478	0.338927	1.20768	1.20768	0.0137018	1.79239	1.79239	0.990336	0.9976844	-1.00232	0.492927	0.8751195	-1.1426	2.05999	1.21659	0.515946	1
cg07912040	PTB1;rPTB1;rPTB1	0.155357	0.270807	2.47823	2.47823	0.630665	1.157313	1.179031	0.8614488	1.12534	-1.12534	0.559564	1.595229	1.595229	0.173412	0.7963616	-1.35578	0.528193	0.602587	-1.65844	0.00449537	0.0150792	0.9138133	0.9688571	-1.03213	0.0807251	0.9801084	-1.01928	0.99598	20.7995	8.82091	1
cg22675922	KCNQ1DN	0.155362	0.0849941	-3.13826	-9.35309	0.0191475	0.19953	-5.01178	0.0771209	0.327117	-3.05701	0.298428	1.8457567	1.84557	0.187107	0.4156453	-2.21404	0.344978	0.57521	-1.7385	0.479547	0.664545	-1.50479	0.314265	0.7492856	-1.33409	0.202582	0.429291	0.632077	-1.58209	0.09595	10.7304	4.55074	1
cg12079923	ZNF765	0.155362	0.680233	0.959668	-1.04203	0.0436737	0.794242	-1.25906	0.374084	0.913354	-1.09487	0.873151	0.984253	-1.016	0.0271945	0.771298	-1.29652	0.46797	1.07612	1.07612	0.0324467	0.779794	-1.28239	0.479328	0.931056	-1.07405	0.749526	0.968682	-1.03233	2.09594	0.327558	0.138917	1
cg02169553	FAM38A	0.155364	0.7994571	1.33063	1.33063	0.0988838	1.278829	1.278829	0.778852	1.57438	1.57438	0.1553318	1.058847	1.058847	0.2129432	0.8393443	-1.23863	0.828115	1.11551	1.11551	0.3358861	0.2603919	1.78905	0.59426	0.5722622	1.31031	0.28509	0.572262	1.74745	2.09593	8.38869	3.55766	1
cg27632925	C6orf27	0.155372	0.242523	0.599324	-1.66855	0.0607952	2.42225	2.42225	0.203369	1.75417	1.75417	0.0955431	2.15208	2.15208	0.149583	0.523767	-1.90925	0.557887	0.780319	-1.28153	0.764879	0.883968	-1.13126	0.265092	1.62603	1.62603	0.369392	0.679865	0.147088	2.0959	5.81566	2.46647	1
cg23569342	NEBL	0.155373	0.684726	1.81435	1.81435	0.657881	1.91635	1.91635	0.7738844	1.52267	1.52267	0.202283	1.73278	1.73278	0.394408	0.6284479	-1.64344	0.638444	0.512329	-1.9551	0.744368	1.61204	1.61204	0.0301602	0.0242403	-41.3171	0.0299598	47.2928	47.2928	2.09589	70.698	29.9838	1
cg08391287	PAPD5;PAPD5	0.155372	0.02466096	0.506383	-1.97479	0.281775	0.752486	-1.32893	0.471609	1.2064	1.2064	0.350858	1.270667	1.270667	0.2756284	0.7940183	-1.25917	0.655484	0.892119	-1.12093	0.029397	0.520913	-1.91971	0.612204	1.13878	1.13878	0.964007	1.03154	1.03154	2.09588	2.14512	0.90977	1
cg14839905	LRP5	0.155374	0.215582	0.672695	-1.48656	0.0394562	0.255845	2.05585	0.101864	0.581544	-1.71956	0.830183	0.937052	-1.06718	0.21962	0.6888231	-1.45173	0.35389	0.749208	-1.33474	0.18539	1.52978	1.52978	0.391421	1.30449	1.30449	0.626302	0.861957	-1.16015	2.09587	3.0418	1.29007	1
cg26407269	LRP5	0.155376	0.254205	0.702687	-1.42311	0.437191	1.26482	1.26482	0.22677	1.21746	-1.21746	0.312184	1.2688	1.2688	0.4565	0.3365109	0.470687	-1.23456	0.4144469	0.40931	-2.4429	0.807035	0.966558	-1.03461	0.990937	0.996439	-1.00319	0.526071	0.826604	-1.20977	0.455351	0.798211	2.2528	0.9586	2.21947	1.23093	1
cg13470338	DZIP3	0.155376	0.692706	0.835722	-1.19657	0.0627735	0.388301	-2.57532	0.0884886	0.427797	-2.33756	0.210558	0.550965	-1.815	0.117984	0.464421	-2.15322	0.527454	0.74881	-1.33545	0.0160058	0.263868	-3.78977	0.696248	0.837562	-1.19394	0.0767182	0.410867	-2.43388	0.05586	6.77613	2.87388	1
cg07626400	ART5;ART5	0.155377	0.657356	1.05465	1.05465	0.0869197	1.253174	1.253174	0.206691	1.17268	1.17268	0.623407	1.060998	1.060998	0.3401545	1.11661	1.11661	0.12764	1.21775	1.21775	0.0609079	0.776341	-1.28809	0.62094	0.942119	-1.06144	0.0748825	1.26757	1.26757	0.29585	0.474888	0.201409	1
cg06920946	DIP2C	0.155378	0.883284	0.106912	1.06912	0.128214	1.214676	1.214676	0.211748	1.21746	-1.21746	0.312184	1.26881	1.26881	0.2068	0.8088748	-1.24026	0.729966	0.4229	0.73883	1.16485	1.16485	0.163105	1.2429	1.2429	0.660719	0.817497	-1.22325	0.825384	1.10634	1.10634	1.03588	0.9098	2.33024	1
cg27282264	A2BP1;A2BP1;A2BP1	0.155381	0.420401	0.751835	-1.33008	0.0435452	2.23494	2.23494	0.295699	1.45607	1.45607	0.893905	0.954817	-1.04732	0.597241	1.20294	1.20294	0.0374077	0.433039	-2.30926	0.170384	0.602945	-1.65853	0.732538	1.12622	1.12622	0.574091	1.21747	1.21747	2.09582	3.98548	1.69034	1
cg25479617	LYPD6	0.155383	0.4699534	1.14557	1.14557	0.304122	0.840814	-1.21831	0.185367	0.736918	-1.357	0.690591	1.026304	1.026304	0.7760852	0.9742502	-1.02642	0.587738	1.10649	1.10649	0.0133226	1.75965	1.75965	0.757846	0.9449228	-1.05884	0.82709	0.960363	-1.04127	2.0958	1.13452	0.48118	1
cg08076102	MMP11	0.155388	0.0234009	0.271246	-3.68668	0.479344	0.707217	-1.41399	0.788351	1.1384	1.1384	0.180118	0.4297834	-2.32676	0.201765	0.5223379	-1.91432	0.0234771	0.2715513	-3.68306	0.121541	0.0455482	-21.9563	0.0936707	0.0244643	-40.8766	0.0242403	-41.3171	0.0299598	47.2928	47.2928	2.09589	70.698	29.9838	1
cg07376409	ZNF703	0.155389	0.940702	1.0524	1.0524	0.383992	0.541839	-1.84537	0.704719	0.720303	-1.2987	0.0796097	0.2630304	3.802233	0.0100972	0.110538	9.04663	0.2538634	0.2715513	-3.68306	0.121541	0.0455482	-21.9563	0.0936707	0.0244643	-40.8766	0.0242403	-41.3171	0.0299598	47.2928	47.2928	2.09589	70.698	29.9838	1
cg02571816	PPP1R4A	0.155396	0.824483	0.669806	-1.49297	0.183799	0.0785414	-12.7321	0.272236	7.86108	7.86108	0.341545	5.86051	5.86051	0.59931	2.60266	2.60266	0.289857	7.2577	7.2577	0.0247156	124.541	124.541	0.0346199	85.177	85.177	0.54364	3.0316	3.0316	2.09572	108.048	45.8278	1
cg06417365	NADSYN1	0.155398	0.523416	1.13848	1.13848	0.334772	1.163982	1.163982	0.314262	0.72336	-1.38244	0.631564	0.907653	-1.10174	0.440397	0.854025	-1.17093	0.358006	0.827318	-1.20873	0.14121	1.37971	1.37971	0.219959	1.2952	1.2952	0.232388	1.28552	1.28552	2.09572	1.33496	0.566216	1
cg19079047	SGCE;PEG10;PEG10;PEG10;SGCE;PEG10 -SGCE	0.155399	0.170427	1.15474	1.15474	0.514062	1.06739	1.06739	0.157802	0.86171	-1.16048	0.832488	0.979343	-1.02109	0.149323	1.1646	1.1646	0.170586	1.15467	1.15467	0.0169261	1.33254	1.33254	0.734631	0.967026	-1.0341	0.596387	1.05409	1.05409	2.09571	0.323354	0.136726	1
cg15301673	ZNF341	0.155402	0.301666	1.49696	1.49696	0.12442	0.838809	1.17172	1.17172	0.188755	1.8231	0.616369	1.37595	1.37595	0.2731	0.7300053	-1.37009	0.838237	1.10276	1.10276	0.0616631	1.37595	1.37595	0.273	1.4782	1.4782	0.118594	1.92721	1.92721	0.471346	0.73196	1.3662	2.51178	5.39174	2.55317	1
cg04142413	MRPS35	0.155402	0.409604	0.644739	-1.55102	0.191327	0.486743	-2.05447	0.0155067	0.215118	-4.73529	0.936155	1.04257	1.04257	0.0973013	0.362821	-2.75618	0.11859	0.414044	-2.4152	0.0818308	0.366549	-2.72815	0.779729	0.864225	-1.15711	0.693997	1.22851	1.22851	2.09569	0.99071	3.81343	1
cg07912144	NFATC1;NFATC1;NFATC1;NFATC1	0.155404	0.0544081	1.83559	1.83559	0.509575	1.20473	1.20473	0.509688	1.20467	1.20467	0.755776	0.916802	-1.09075	0.459676	1.23317	1.23317	0.228121	0.703146	-1.42218	0.0194819	2.16506	2.19506	0.546301	0.843678	-1.18529	0.438908	0.802681	-1.24583	0.209567	2.57265	1.0912	1
cg12664929	STK25	0.155405	0.508803	0.876412	-1.14102	0.189492	1.21455	1.21455	0.186536	1.31825	1.31825	0.332336	1.2753	1.2753	0.1855336	1.25135	1.25135	0.142725	0.733198	-1.36387	0.0441924	0.904987	-1.10499	0.912467	1.08164	1.08164	0.0907597	1.28575	1.28575	0.543359	1.02188	2.0567	0.545359	1.13452	0.48118	1
cg02562052	ALS2CR4;ALS2CR4	0.155408	0.872474	0.97133	-1.02952	0.410479	1.73121	1.73121	0.100103	1.38577	-1.38577	0.461874	0.878537	-1.13826	0.994472	0.998746	-1.00126	0.439358	1.15555	1.15555	0.444135	0.868255	-1.15174	0.30431	1.21245	1.21245	0.103078	1.38113	1.38113	0.209565	1.08833	0.461624	1
cg05741837	ISCO2	0.155409	0.576047	1.17607	1.17607	0.4108	0.743904	-1.34429	0.104439	0.526226	-1.90045	0.0223464	1.31337	1.31337	0.618784	1.05175	1.05175	0.872117	1.10505	1.10505	0.0262688	1.30918	1.30918	0.272418	0.8935257	-1.1195	0.398372	1.08924	1.08924	1.26579	1.12156	1.12156	0.270562	0.4706	0.137462	1
cg18620861	PC;IFNF4;PC;IFNF4;PC	0.15542	0.133446	0.519305	-1.92565	0.158121	0.542903	-1.84195	0.695764	0.852926	-1.17243	0.510354	0.763152	-1.31035	0.6629761	0.428817	2.332	0.28881	0.640352	-1.56164	0.0410843	0.385148	-2.5964	0.0180163	0.312486	-3.20014	0.930205	0.96516	-1.0361	2.09557	5.4385	2.30688	1
cg00185297	FAM54A;FAM54A	0.155422	0.2720267	1.90257	1.90257	0.0588706	1.249479	1.249479	0.681822	1.77775	1.77775	0.102383	0.3340997	2.993275	0.0076726	0.1328218	7.53102	0.2904847	0.1855157	5.390275	0.0010861	0.0564703	0.43153	2.31677	0.7738197	1.29291	0.773

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1317 vs. N)	Fold-Change(1 vs.1317)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error
cg01358740	MYCV2;MYCV2	0.155614	0.277361	1.28202	2.12922	1.7297	0.35117	1.26117	0.934485	0.946485	-1.05654	0.8997	0.919103	-1.08802	0.0194429	0.151069	-6.6195	0.328415	0.509242	-1.9637	0.235583	1.236091	2.20827	0.200284	0.335222	1.33522	0.3372481	1.84508	2.04931	14.8444	6.30042	1
cg15943396	TTC1	0.155614	0.439815	1.19433	1.19433	0.587063	1.1506	0.61586	0.562567	1.62548	1.62548	0.993414	0.998141	-1.00186	0.0130257	0.499364	-2.00255	0.917763	1.02355	0.621127	0.893776	-1.11885	0.754977	1.07311	1.07311	0.513571	0.861282	-1.16106	2.09431	1.68523	0.715263	1
cg14471560	C2orf64;UNC50	0.155614	0.582753	1.05543	1.05543	0.110916	1.183997	1.18397	0.0453937	1.25002	1.25002	0.735386	1.03353	1.03353	0.75591	1.03078	1.03078	0.27295	0.894991	-1.11733	0.0804268	0.828158	-1.2075	0.857543	0.982681	-1.01762	0.123962	1.17585	1.17585	2.09431	0.31159	0.133097	1
cg13836419	ADIG	0.155617	0.0471605	0.221572	-4.51321	0.791207	1.192451	1.19204	0.739048	0.803168	-1.24787	0.255357	0.454794	-2.1988	0.0999349	0.302315	-3.30737	0.739801	0.801597	-1.24751	0.0332031	0.916168	-5.21654	0.0426353	0.212535	-4.70511	0.174224	0.383255	2.60923	2.09429	14.6027	6.19788	1
cg06618254	DGCR6L	0.155622	0.186451	0.840252	-1.19012	0.235813	0.856937	-1.16695	0.835867	0.974548	-1.02612	0.606011	0.06679	1.66079	0.0536935	0.760962	-1.31413	0.677514	0.949357	-1.05334	0.0102002	0.668626	-1.4956	0.69341	1.05047	1.05047	0.529167	0.923182	-1.08245	2.09426	0.512234	0.217413	1
cg23497704	LHX5	0.155622	0.0636017	2.59492	2.59492	0.868203	1.07889	1.07889	0.94825	0.950758	-1.05218	0.880135	0.649503	-1.65401	0.418602	0.683303	-1.45921	0.93034	1.04079	1.04079	0.16923	0.511006	-1.95348	0.0459344	0.84622	2.84622	0.127554	2.12419	2.12419	2.09426	0.393506	0.167023	1
cg10455757	KIAA1539	0.155622	0.964334	1.00488	1.00488	0.0425299	1.28968	1.28968	0.0128488	1.40007	1.40007	0.712134	1.04119	1.04119	0.0671672	1.2504	1.2504	0.764121	1.03332	1.03332	0.618341	1.05623	1.05623	0.147383	1.18452	1.18452	0.6099558	1.05764	1.05764	2.09426	0.393506	0.167023	1
cg01201177	TTC8;TTC8;TTC8	0.155623	0.286651	0.798564	-1.25152	0.0824154	1.56264	1.56264	0.852181	1.04071	1.04071	0.0507477	0.621689	-1.60852	0.0526592	1.02054	1.02052	0.539115	0.87448	-1.14354	0.961888	0.988848	-1.01026	0.710091	1.083	1.083	0.8809387	1.09025	1.03025	2.09425	1.5125	0.64197	1
cg12589954	CACNB3	0.155623	0.133215	1.96727	1.96727	0.0925445	1.97368	1.97368	0.0714779	2.31875	2.31875	0.937557	1.06298	1.06298	0.0172274	1.27734	1.27734	0.794562	1.11517	1.11517	0.44988	1.08248	0.724969	-1.37937	0.674106	1.19324	1.19324	0.872869	0.935295	-1.06918	2.09425	0.578758	0.24565	1
cg04856117	CDMT;COMT;COMT;COMT	0.155626	0.076963	0.653095	-1.53117	0.578424	0.885503	-1.1293	0.065803	0.639419	-1.56392	0.570674	1.13217	1.13217	0.409976	0.83316	-1.20025	0.852072	0.960368	-1.04127	0.582325	1.12787	1.12787	0.6072337	0.641277	-1.55939	0.103791	1.47011	1.47011	2.09424	1.55845	0.660626	1
cg14883762	TH;TH;TH	0.155627	0.62342	1.04606	1.04606	0.0775	0.875	0.875	0.0425	1.0684	1.0684	0.384193	0.844758	-1.18416	0.0155831	0.704064	-1.42055	0.397027	0.853787	1.174	0.0207851	0.544413	-1.83679	0.475755	0.845228	1.31091	0.204223	1.14622	1.14622	2.09424	0.486508	0.206911	1
cg18135087	TUFT1;MIR554;TUFT1	0.155627	0.521763	1.22991	1.22991	0.0225117	0.418562	-2.38913	0.0872147	0.547804	-1.82547	0.0909169	0.55238	-1.81035	0.0428051	0.475654	-2.10237	0.756835	0.905754	-1.10405	0.333157	0.727491	-1.37459	0.707326	0.88674	-1.12773	0.428239	0.772781	1.29403	2.09423	3.36888	1.42991	1
cg25377212	DFNA5;DFNA5;DFNA5	0.155627	0.253415	0.448273	-2.23076	0.2528	2.84156	2.84156	0.196495	2.5165	2.5165	0.663214	0.743309	-1.34462	0.0856093	0.729294	-1.59333	0.820147	1.16636	1.16636	0.0184771	0.145004	-6.89636	0.0188389	0.872246	-1.14778	0.658163	0.740142	-1.35108	2.09423	15.1665	6.42889	1
cg00382185	GGT6;GGT6	0.155628	0.122706	0.643761	-1.84593	0.0484579	0.437693	-2.28471	0.245226	0.640538	-1.56119	0.594375	0.726361	-1.37673	0.0457163	0.302315	-3.31519	0.184407	0.596922	-1.67555	0.232278	1.58263	1.58263	0.127572	0.546721	-1.82909	0.261275	0.650931	-1.53626	2.09422	4.45471	1.8908	1
cg19750174	ZFP92	0.155629	0.281356	0.629611	-1.58828	0.046709	0.390223	-2.56264	0.427594	0.71556	-1.39751	0.569207	0.788421	-1.26836	0.263991	0.618086	-1.6179	0.876968	1.00611	1.00611	0.0295793	2.88206	2.88206	0.778621	1.12351	1.12351	0.250094	0.608567	-1.6432	2.09421	5.66337	2.40382	1
cg17571933	FAM157A	0.155635	0.725845	0.874137	-1.14399	0.0738846	1.14085	1.14085	0.224482	1.62831	1.62831	0.779814	0.907472	-1.10196	0.0125423	0.502299	-1.99104	0.892082	0.951957	-1.0511	0.521449	1.28184	1.28184	0.915978	0.969077	-1.03117	0.798174	1.10286	1.10286	2.09418	4.84228	2.05534	1
cg18744224	EYA4;EYA4;EYA4	0.155635	0.0848009	0.41404	-2.41522	0.170463	1.96471	1.96471	0.796741	1.12683	1.12683	0.656424	1.23015	1.23015	0.398314	0.670267	-1.49194	0.488051	0.721867	-1.3853	0.0299885	0.306932	-3.25805	0.147173	2.05375	2.05375	0.742458	0.858513	-1.1648	2.09418	7.09888	3.01317	1
cg03979738	ELFN1	0.155635	0.0464875	0.645977	-1.54878	0.0898402	0.990638	-1.00036	0.420227	0.853843	-1.17115	0.0587136	0.663885	-1.50629	0.38728	0.843655	-1.18532	0.0257079	0.601534	-1.6624	0.0139732	0.19946	-5.01396	0.0144576	0.70129	-1.35294	0.765752	1.059	1.059	2.09417	1.22072	0.518143	1
cg08188843	LTBP2	0.155636	0.284318	0.697312	1.43408	0.0763479	0.870522	-1.14874	0.0447483	0.473873	-2.11027	0.0694514	0.517751	-1.93249	0.0790309	0.530183	-1.88614	0.611158	1.18081	1.18081	0.369427	1.32345	0.903019	0.546054	-1.83132	0.179209	0.629273	-1.58803	0.24616	3.48481	1.47916	1
cg09991056	AS	0.1564	0.0991206	0.298038	-3.35527	0.0704802	0.258305	-3.87139	0.534359	0.656156	-1.52403	0.0472416	0.57282	4.57282	0.879297	1.10711	1.10711	0.0730444	0.262189	-3.81404	0.815204	0.854909	-1.16972	0.764324	0.817648	-1.22302	0.964737	1.03004	1.03004	2.09414	14.8695	6.31158	1
cg08617916	RASSF5;RASSF5;RASSF5	0.155641	0.223538	0.829549	-1.20547	0.694854	0.04108	-1.0593	0.122755	1.27251	0.5559991	0.728835	-1.37297	0.965941	1.00626	1.00626	0.400519	1.134	1.134	0.207814	1.21419	1.21419	0.681472	1.06216	1.06216	0.0622967	1.35886	1.35886	2.09414	0.708219	0.300615	1
cg21458907	DPS	0.155643	0.0454143	1.32299	1.32299	0.45101	1.0982	1.0982	0.458001	1.09656	1.09656	0.0369675	1.34378	1.34378	0.134106	1.2178	1.2178	0.0993874	1.24645	1.24645	0.32017	0.882242	-1.13348	0.843484	0.976178	-1.0244	0.172846	1.19355	1.19355	2.09412	0.493392	0.209429	1
cg25021185	DOCK10	0.155643	0.119388	2.47954	2.47954	0.7552	1.183001	1.18301	0.516611	0.70233	-1.42383	0.644124	1.28396	1.28396	0.159218	1.42845	1.42845	0.125466	2.43765	2.43765	0.0237115	4.26674	4.26674	0.0251618	4.18215	4.18215	0.422614	1.5529	1.5529	2.09412	9.57596	4.06469	1
cg20766090	INS-IGF2;IGF2;IGF2;IGF2	0.155646	0.590796	0.753114	1.3222	0.405706	1.54317	1.54317	0.124482	1.63831	1.63831	0.0279553	1.21121	1.21121	0.57369	1.04638	-1.3398	0.814564	0.929591	-1.07553	0.0994631	1.49306	1.49306	0.515566	0.87233	1.14638	0.107552	2.0151	2.0151	2.09412	8.78135	3.72742	1
cg16012690	CREB3L1	0.155646	0.132746	0.622398	-1.60669	0.819596	0.935404	-1.06906	0.0952263	0.585158	-1.70894	0.317755	0.739427	-1.3524	0.00813956	0.371501	-2.69178	0.162875	0.646979	-1.54565	0.12985	0.619828	-1.61335	0.817972	0.93483	-1.06971	0.758164	0.913678	-1.09448	2.09411	2.83406	1.20258	1
cg07834323	SNORD115-13	0.155647	0.0259592	0.512584	-1.95377	0.0882443	0.697781	-1.43339	0.202565	0.48	-2.08351	0.0139422	0.3	3.3	0.0860863	0.259507	-3.85346	0.0766895	0.645623	-1.54955	0.0715001	0.329111	-3.03858	0.0178455	0.284934	-3.50953	0.0178455	0.284934	-3.50953	0.0178455	0.284934	-3.50953

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg04355037	DIPC1	0.155869	0.605076	1.095455	0.158457	0.086	0.26086	0.204715	0.14708	1.14708	0.229036	1.15818	0.115818	0.805508	0.975021	1.02562	0.800876	1.02636	1.02636	0.570761	0.942944	1.00251	0.8859	1.085938	0.338917	0.586853	0.174002	1.17464	2.02066	0.348474	1.14882	
cg19938194	HEATR2	0.15869	0.0837794	0.355337	-2.81423	0.415725	0.637767	-1.56797	0.264803	0.533443	-1.87461	0.390001	1.70384	1.70384	0.01123	0.179496	-5.57114	0.7002256	1.23264	1.23264	0.618861	1.31149	1.31149	0.878953	0.9209	-1.08589	0.338917	0.586853	-1.70401	2.02665	9.68963	4.11583	
cg01231141	ADAMTS2;ADAMTS2	0.15587	0.796386	1.15	1.15	0.24778	0.520417	-1.92153	0.801416	1.14594	1.14594	0.143357	2.33966	2.33966	0.675769	1.22528	1.22528	0.9882091	1.00796	1.00796	0.172672	0.456366	-2.19122	0.660705	0.787612	-1.26966	0.01224146	5.402251	5.402251	0.29265	9.683084	4.11306	
cg15665090	HSPA1L	0.155878	0.0402826	0.578896	-1.74248	0.624534	0.611734	-1.63475	0.0499413	0.592122	-1.68884	0.578923	1.14042	1.14042	0.466557	0.840615	-1.18961	0.9444304	0.983783	-1.01664	0.0497978	0.591874	-1.68955	0.267752	0.762928	-1.31074	0.528276	0.8609917	-1.16155	2.0026	1.82075	0.773415	
cg21067750	PHGR1	0.155878	0.574176	0.873008	-1.14546	0.817739	0.946279	-1.05677	0.0743194	0.621472	-1.60908	0.334535	0.783984	-1.27554	0.138201	0.682617	-1.46495	0.351423	1.25785	1.25785	0.431975	1.21148	0.2110104	0.017262	-1.62006	0.0349835	0.55559	-1.79989	2.0026	1.89636	0.805534	
cg01865312	LOC189634	0.155879	0.107511	0.480117	0.282283	0.864123	0.981387	-1.01897	0.165352	0.53897	-1.85539	0.444679	1.38468	1.38468	0.00718275	0.234663	-4.26143	0.9525468	0.975449	-1.02517	0.999078	0.999518	-1.00048	0.692869	0.8472001	-1.18036	0.375597	0.683972	-1.46205	2.00259	0.7826	2.45633	
cg01242011	BOLL;BOLL;BOLL	0.15588	0.184134	1.88135	1.88135	0.652693	1.22533	1.22533	0.889758	1.06419	1.06419	0.119182	2.13523	2.13523	0.00876586	4.47086	4.47086	0.0468116	2.77583	2.77583	0.277526	1.6596	1.6596	0.604775	1.2639	1.2639	0.668526	1.23115	1.21315	2.09258	0.66886	2.8328	
cg17211223	WDR51A;WDR51A;WDR51A	0.155886	0.77297	0.940181	-1.06362	0.256232	1.29021	1.29021	0.973418	1.00713	1.00713	0.510814	0.867424	-1.15284	0.940157	1.01614	1.01614	0.291347	1.26299	1.26299	0.00591433	1.15503	2.268177	1.27882	1.27882	0.612173	0.896713	-1.11558	2.09255	1.50699	0.64015	1
cg21609804	MARK2;MARK2;MARK2;MARK2;MARK2	0.155888	0.236708	0.520218	-1.92227	0.0959713	2.62143	2.62143	0.0157642	4.75631	4.75631	0.757643	1.17722	1.17722	0.160626	0.453848	-2.20338	0.807287	1.13749	1.13749	0.57577	1.34717	1.34717	0.670086	1.25345	1.25345	0.855584	0.908434	-1.10079	2.09253	9.20847	3.91167	
cg25023666	DSCAM	0.155889	0.2757005	0.475017	-2.10526	0.195681	0.341394	2.1962	0.0322731	0.511422	-1.95533	0.608244	1.40411	1.40411	0.0183419	0.643222	-4.07295	0.219435	0.428364	-2.33447	0.106326	0.33419	-3.18278	0.0799348	0.58068	-1.72263	0.23523	0.542884	-1.84258	2.00257	14.2828	6.06721	
cg00788375	TRAPPC5;TRAPPC5;TRAPPC5	0.155891	0.169376	0.755359	-1.32387	0.0781675	0.145506	1.45506	0.374611	0.839751	-1.91083	0.583978	0.899445	-1.1118	0.127786	0.729387	-1.37101	0.64234	1.09377	1.09377	0.0233667	0.594981	-1.68073	0.708771	0.9306619	-1.07455	0.668718	0.920815	-1.086	2.09251	1.21719	0.517057	1
cg12742937	SLC6A1	0.155892	0.566678	0.916721	-1.09084	0.995358	1.0087	1.0087	0.266385	1.18993	1.18993	0.313632	1.5619	1.5619	0.508102	1.10606	1.10606	0.5618387	1.61124	1.61124	0	0.558455	0.618802	-1.61812	0.2170321	0.338006	2.958353	2.60946	16.4809	5.2632	
cg07838040	CNPY3;CNPY3	0.155893	?	?	?	0.510538	1.70205	1.70205	0.00840088	6.53299	6.53299	0.06446616	6.14462	6.14462	?	?	?	0.5618187	1.61124	1.61124	?	0.558455	0.618802	-1.61812	0.2170321	0.338006	2.958353	2.60946	16.4809	5.2632	
cg15889230	LOC388955	0.155895	0.277964	0.728352	-1.37296	0.0112473	0.409745	-2.44054	0.0825653	0.582628	-1.71636	0.145596	0.644676	-1.55117	0.642828	0.870534	-1.14021	0.947502	0.98167	-1.01867	0.310198	1.13546	1.33546	0.807509	1.07099	1.07099	0.740647	0.910898	-1.09782	2.09249	2.61598	1.11127	
cg25249713	WDR17;WDR17	0.155896	0.4162533	0.732443	-1.36421	0.0148331	0.468315	-2.44499	0.0378327	0.524204	-1.90819	0.960102	1.03977	1.03977	0.0864024	0.470529	-2.09851	0.864034	1.06937	1.06937	0.862466	0.933367	-1.07139	0.828339	0.9918539	-1.08869	0.0950565	0.481992	-2.07472	2.09248	2.54023	1.15554	
cg17035490	TAF4B	0.155896	0.747941	0.933543	-1.07119	0.167586	0.730716	-1.36852	0.437604	1.18398	1.18398	0.451142	0.848955	-1.17792	0.204233	1.13078	1.13078	0.957981	0.988825	-1.0113	0.028091	1.73887	1.73887	0.05911	1.57544	1.57544	0.672739	0.91337	-1.09485	2.09248	1.50758	0.640421	1
cg07174975	CENPQ	0.155897	0.55636	0.874054	-1.14408	0.00781933	0.462019	-2.16442	0.36068	0.811912	-1.23166	0.841912	1.0462	1.0462	0.100459	0.665651	-1.50329	0.539226	1.15096	1.15096	0.158441	1.1521	1.1521	0.665394	1.10342	1.10342	0.463417	0.844684	-1.18388	2.09247	1.69527	0.720158	1
cg04768202	ZNF608	0.155897	0.0283582	0.217845	4.59041	0.690407	1.35452	1.35452	0.308881	1.85923	1.85923	0.193177	2.84953	2.84953	0.0164254	0.470529	-2.09851	0.444935	1.58679	1.58679	0.18623	0.438135	-2.2824	0.0910738	0.334199	-2.99223	0.49257	0.66338	-1.50743	2.09247	11.492	4.88182	
cg14714537	SLC26A7;SLC26A7	0.155903	0.0327558	0.127686	-7.83171	0.641555	0.679576	-1.47151	0.697156	0.724534	-1.3802	0.170957	0.300834	-3.32409	0.0933705	0.218573	-4.57513	0.348351	0.451348	-2.21558	0.0439019	0.148362	-6.74028	0.049451	0.157677	-6.34209	0.0943415	0.219749	-4.55065	2.09244	22.4977	9.55726	1
cg08642825	FBXO31;FBXO31	0.155911	0.9654615	1.07273	1.07273	0.553205	0.98182	-1.01818	0.72217	0.852461	1.86334	1.86334	1.29859	1.29859	1.64082	1.64082	2.270104	0.8323261	1.16338	1.16338	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
cg14218435	SLC26A9;SLC26A9;SLC26A9	0.155912	0.396794	1.2649	1.2649	0.0484413	0.84159	1.84159	0.757163	1.08763	1.08763	0.794123	0.9163231	0.916323	-1.0734	0.0452083	0.536737	-1.86311	0.925597	0.975021	-1.02562	0.303586	1.33325	0.3916668	0.60474	-1.6536	0.809271	1.06768	1.06768	0.29238	2.43055	1.03255	1
cg12435594	FOS2	0.155913	0.8204764	1.05552	1.05552	0.256027	1.36293	1.36293	0.0146859	2.76828	2.76828	0.154387	2.88021	2.88021	0.0146859	0.361486	-2.76824	0.184617	0.760554	1.31524	0.764027	1.30922	0.8537451	1.171196	0.9955143	1.004696	0.0274465	0.482754	2.07345	2.09237	2.82313	1.09737	
cg21061731	EXT2;EXT2	0.155914	0.806276	1.05443	1.05443	0.206804	1.33269	1.33269	0.0046158	2.25486	2.25486	0.591681	1.1239	1.1239	0.398844	1.20481	1.20481	0.6108555	1.11706	1.11706	0.238063	1.3055	1.3055	0.458486	0.84973	-1.17684	0.724874	1.0792	1.0792	0.29237	1.54196	0.655063	1
cg16217368	NCOR2;NCOR2	0.155919	0.678661	0.743653	-1.34471	0.302313	0.467818	-2.13759	0.368261	0.518397	-1.92902	0.511181	0.622658	-1.60602	0.980305	0.982603	-1.0177	0.626988	1.41647	1.41647	0.0193796	0.534382	0.54382	1.877445	2.76826	2.76826	0.0432713	0.1915155	0.522151	0.29233	16.7488	7.11542	1
cg02251190	SNORA14B;TOMM20	0.155919	0.0111524	0.659259	1.51845	0.0156073	1.05978	1.05978	0.196061	1.834024	1.834024	0.0990	2.401007	2.401007	0.85515	1.11456	0.5614	0.4607466	0.906328	1.103525	0.0140402	0.416423	2.401007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
cg08026818	VAT1L	0.155926	0.2757151	1.24679	1.24679	0.0125132	1.83001	1.83001	0.792133	1.05272	1.05272	0.0866021	1.445133	1.445133	0.993472	1.00159	1.00159	0.0864238	1.4455	1.4455	0.513252	0.878746	-1.13799	0.177172	1.32183	1.32183	0.416415	1.175335	1.17535	0.29229	1.2539	0.532708	1
cg18984186	CAC9G2	0.155927	0.144707	0.784094	1.27316	0.0484077	0.616151	1.61598	0.21992	0.837884	1.19358	0.511898	0.612123	1.633849	0.0188407	0.535778	1.86683	0.600151	1.08561	1.08561	0.127599	0.921447	1.2977	0.770488	0.8956326	1.11647	0.896524	1.115672	0.896524	1.115672	0.29228	0.798853	0.339387	1
cg15291235	PDK2	0.155934	0.401657	1.39037	1.39037	0.542469	0.789214	1.26708	0.529528	1.25088	1.25088	0.0139	2.777205	2.777205	0.94085	0.97191	-1.0289	0.2602653	0.6226231	1.606459	0.742229	0.745297	2.23457	0.602195	0.8171164	-1.22374	0.436473	1.35635	1.35635	0.29224	1.88469	2.07527	1
cg00264129	HBEGF	0.155939	0.230779	1.94746	1.94746	0.00399553	7.77827	7.77827	0.518627	1.41474	1.41474	0.95003	0.9673167	-1.03379	0.965129	1.02345	1.02345	0.2374474	1.92737	1.92737	0.624841	1.29862	1.29862	0.214611	1.99906	1.99906	0.542016	1.38718	1.38718	0.29221	9.31503	3.95756	1
cg00506967	LRP1	0.155944	0.2607257	1.42794	1.42794	0.0152007	0.732312	-1.36506	0.0852967	0.714222	-1.40007	0.0844955	1.24821	1.24821	0.0176881	0.800435	-1.24957	0.537822	0.8548111	-1.16955	0.2178142	0.799302	-1.317	0.7594102	1.34327	1.34327	0.163585	0.688043	1.4534	2.0922	0.29171	0.800383	1	
cg11523532	HECW1	0.155948	0.263511	0.763787	-1.30926	0.0616318	0.988937	-1.01119	0.906137	1.02764	1.02764	0.370343	0.808423	-1.23698	0.0103621	0.490761	-2.03765	0.667817	1.10496	1.10496	0.0910801	1.51767	1.53767	0.566084	0.874505	-1.1435	0.259053	0.761692	-1.31287	2.09214	1.77087	0.752388	1
cg18445479	PPP3CA;PPP3CA;PPP3CA	0.155958	0.3138383	1.10203	1.10203	0.0955097	0.843209	1.18603	0.0134359	2.14629	2.14629	0.0116866	2.763262	2.763262	0.0107177	0.361626	-2.76824	0.837789	1.04256	1.04256	0.744027	1.15832	1.15832	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
cg02012731	ADD2;ADD2;ADD2;ADD2;ADD2	0.1595	0.079962	0.727193	-1.37515	0.326963	0.847101	-1.1805	0.134038	1.30338	1.30338	0.25864	0.824269	-1.2132	0.0192732	0.628659	-1.59069	0.912977	0.982234	-1.01809	0.403871	0.869308	-1.15034	0.597932	0.09119	1.09119	0.576063	0.911533	-1.09705	2.09213	0.8908883	0.378512	1
cg24452663	ERCC2	0.155951	0.362003	0.823586	-1.2142	0.184201	1.33882	1.33882	0.916971	0.978631	-1.02184	0.0247979	0.574944	-1.7393	0.0885336	0.677584	-1.47583	0.416205	0.841872	-1.18783	0.604924	0.897534	-1.11416	0.342008	1.22483	1.22483	0.137268	0.717812	-1.39312	0.29212	1.42176	0.604068	1
cg20047732	TTC14;TTC14	0.155952	0.0113424	0.659259	1.51845	0.0156073	1.05978	1.05978	0.196061	1.834024	1.834024	0.0990	2.401007	2.401007	0.85515	1.11456	0.5614	0.4607466	0.906328	1.103525	0.0140402	0.416423	2.401007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
cg05254098	MKNK2;MKNK2	0.155957	0.297617	1.18486	1.18486	0.310532	1.17921	1.17921	0.780052	1.04496	1.04496	0.67048	0.934972	-1.06955	0.00708609	0.578007	-1.72739	0.905978	0.981609	-1.01874	0.368228	1.15626	1.15626	0.538182	1.10287	1.10287	0.866054	1.02688	1.02688	0.29209	0.817756	0.34745	1
cg14438634	KDM4C;KDM4C;KDM4C;KDM4C	0.155958	0.1039518	1.37666	1.37666	0.0238337	0.563087	-1.77505	0.453288	0.825337	-1.21157	0.714891	0.911582	-1.09699	0.684217	1.4611	1.4611	0.9636521	1.1159	1.1159	0.0804647	0.22046	4.536	0.0	0.0	0.0	0.0	0.0	2.25308	1.25308	0.29208	0.918402	1.08885	0.29208	0.886351	1
cg26124982	ATOH1	0.155962	0.797149	0.82115	-1.2178	0.00836034	0.13689	1.13689	0.182908	2.94817	2.94817	0.0670008	1.03215	1.03215	0.892023	0.659524	-1.51625	0.520854	1.64518	1.64518	0.98125	0.982182	-1.01814	0.124097	0.57493	0.57493	0.144448	1.317372	3.31772	2.09206	19.3909	8.23894	
cg26137206	MSL2;MSL2	0.155964	0.763879	0.843873	-1.18501	0.0202	4.84684	4.84684	0.102988	2.73216	2.73216	0.517419	1.44746	1.44746	0.293632	0.541227	-1.84748	0.294283	0.541758	-1.84584	0.261217	0.516735	-1.93523	0.634961	1.30929	1.30929	0.486011	0.671076	-1.49014	0.29204	10.5199	4.46979	1
cg04528069	HIAT1L	0.155965	0.0572629	0.494396	-2.02345	0.260867	0.771713	-1.29617	0.0894779	0.513184	-1.94853	0.0953288	0.9913394	-1.00867	0.0532886	1.00867	1.00867	0.6005	0.738834	-1.35314	0.0162629	0.154779	-6.46089	0.287888	0.496538	-2.01394	0.108904	0.329777	-3.03126	0.20203	0.788553	1.38381	0.566752	1
cg17622968	KIAA1919	0.155968	0.401552	0.884642	-1.1304	0.0563479	0.734595	-1.36129	0.0959701	0.738121	-1.35479	0.24003	0.838932	-1.19199	0.869189	0.976744	0.02381	0.99176	1.00148	1.00148	0.93405	0.794475	-1.25869	0.0846885	1.31288	1.31288	0.717697	0.1553	1.0532	2.09201	0.6753277	0.286922	1
cg21852146	ARPP-21;ARPP-21;ARPP-21;ARPP-21	0.155969	0.1675744	0.809259	-1.23545	0.0955097	0.843209	1.18603	0.0134359	2.14629	2.14629	0.0116866	2.763262	2.763262	0.0107177	0.361626	-2.76824	0.8377892	1.04256	1.04256	0.744027	1.15832	1.15832	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
cg17310654	SFRS2IP	0.15597	0.638402	0.799709	-1.25046	0.130762	1.1609	1.1609	0.846053	1.09613	1.09613	0.106743	2.29697	2.29697	0.102091	0.429602	-2.32773	0.611332	0.7850661	-1.27379	0.430373	0.683812	-1.46239	0.0338336	3.22205	3.22205	0.93857	1.03707	1.03707	2.09201	7.3877	3.31902	1
cg10190219	NAG5;NAG5	0.155971	0.867267	0.94352	-1.05998	0.0746	1.56638	1.56638	0.188251	1.6351	1.6351	0.171824	0.609264	-1.64152	0.0247429	0.641228	-1.55946	0.600151	1.08561	1.08561	0.127599	0.921447	1.2977	0.770488	0.8956326	1.11647	0.896524	1.115672	0.896524	1.115672	0.29201	0.798853	0.339387	1
cg16481032	HIST1H1C;HIST1H1C	0.155974	0.578566	1.13898	1.13898	0.0802525	1.56835	1.56835	0.0802525	0.694263	-1.60577	0.768001	1.07101	1.07101	0.179315	1.39208	1.39208	0.223797	1.3409	1.3409	0.0340147	0.554045	-1.80488	0.55803	0.8716337	-1.14727	0.179304	1.39209	1.39209	0.29197	1.7819	0.757136	1
cg17598259	NDST2;CAMK2G	0.155975	0.0134936	0.517756	-1.93141	0.680128	1.09334	1.09334	0.186761	0.739901	-1.35153	0.370188	0.820302	-1.21906	0.0321799	0.582708	-1.71613	0.195884	0.744973	-1.34233	0.256902	0.775146	-1.29008	0.874775	0.9666622	-1.03453	0.371787	0.820874	-1.21821	0.29197	1.5351	0.652273	1
cg23420528	HECW2;PEX26	0.155976	0.6215295	0.687493	-1.45456	0.6413	0.938306	-1.06575	0.192092	1.20611	1.20611	0.580984	0.92713	-1.0786	0.163876	0.8174	-1.22339	0.257535	0.851833	-1.17394	0.120008	0.795396	-1.25724	0.442778	0.8092336	-1.11206	0.304487	1.15526	1.15526	0.29197	0.610296	0.259318	1
cg01951637	CBFA2T3;CBFA2T3;CBFA2T3	0.155978	0.246047	1.44797	1.45753	0.0169765	2.46073	2.46073	0.0835753	2.1028	2.1028	0.425492	0.776576	-1.22654	0.694707	1.13031	1.13031	0.657032	1.04806	1.04806	0.907177	1.40983	1.40983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
cg14484434	EIF2C2;EIF2C2	0.155979	0.938501	1.04152	-1.04152	0.0316397	3.77493	3.77493	0.0457594	2.94392	2.94392	0.775424	0.860018	-1.16277	0.0680265	0.604453	-2.93726	0.4604511	0.672877	-1.48616	0.647411	0.689336	-1.49402	0.99556	0.9970071	-1.00294	0.985218	0.90928	-1.10082	0.29194	9.20943	3.91318	1
cg27462820	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.155979	0.781662	0.874315	-1.14375	0.0104628	0.21057	-4.74902	0.0428105	0.323973	-3.0867	0.511113	1.38017	1.38017	0.657047	0.805716	-1.24113	0.719536	0.840031	-1.19043	0.340592	0.622023	-1.60766	0.471764	0.701969	-1.42456	0.499765	1.3926	1.3926	0.29194	7.74311	3.29013	1
cg18379537	EPHX4	0.155983	0.13377	0.386306	-2.58862	0.0489353	0.266497	-3.75239	0.514985	0.678204	-1.47448	0.345174	1.7715	1.7715	0.226245	0.473636	-2.11133	0.124799	0.376327	-2.65726	0.0751999	0.311859	-3.20658	0.0432842	0.254818	-3.92437	0.462209	0.643922	-1.55298	0.20192	11.4605	4.86973	1
cg02365360	SUTRK1	0.155987	0.0572115	0.729295	-1.37087	0.157484	0.868251	-1.15174	0.631085	0.903317	-1.0749	0.0436028	1.41391	1.41391	0.126932	1.27947	1.27947	0.4498628	0.902535	-1.10799	0.755355	0.954524	-1.04764	0.868219	0.9977911	-1.00224	0.241568	1.20081	1.20081	0.29189	0.738385	0.513755	1
cg24834599	TOM112;TOM112	0.15599	0.122185	0.59795	-1.67238	0.149766	0.622475	-1.60649	0.0266112	0.446348	-2.24041	0.328005	0.733487	-1.36335	0.0417844	0.48659	-2.05512	0.196322	0.657435	-1.52106	0.806355	0.927379	-1.07831	0.109065	0.5759349	-1.72608	0.0710925	0.538519	-1.85695	2.09187	1.20288	1.32665	1
cg03631057	KIAA0895;L;EXOC3L	0.155991	0.715681	0.876139	-1.14137	0.0548934	2.19673	2.19673	0.126706	1.81694	1.81694	0.212832	1.60686	1.60686	0.89942	0.955319	-1.04677	0.186812	1.65834	1.65834	0.0910261	1.95994	1.95994	0.0316115	2.48676	2.48676	0.11006	1.87684	1.87684	0.29187	4.3291	1.83955	1
cg12481021	RIOK3	0.155992	0.670051	0.8806	-1.13574	0.0496	0.931444	1.07416	0.364134	0.924107	-1.08224	0.742107	0.858209	-1.16509	0.0636437	0.671733	-1.48854	0.178314	0.772087	-1.29519	0.526149	0.80473	-1.123	0.8904973	1.49733	1.49733	0.0849192	0.708525	-1.41138	0.29186	1.03876	0.460517	1
cg19108881	CASR	0.155993	0.0314842	0.28165	20.2815	0.0379151	1.67657	1.67657	0.558188	2.02685	2.02685	0.264514	4.0048	4.0048	0.728628	1.5152	1.5152	0.660789	1.69357	1.69357	0.303247	0.282206	-3.5688	0.0857808	0.63507	0.63507	0.149153	0.33176	0.33176	0.29186	47.1582	20.0389	1
cg19495734	SIVA1;SIVA1	0.155995	0.2864848	2.07404	2.07404	0.258807	0.576183	1.73516	0.0144558	0.503111	1.96036	0.688375	0.7465386	1.33943	0.0181541	0.527244	1.89565	0.057536	0.109101	1.82921	0.0284452	0.22897	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
cg18625486	AEBP2;AEBP2	0.155999	0.944874	0.954572	-1.04759	0.113815	0.319789	-3.12706	0.961825	0.968332	-1.0327	0.0852589	3.59379	3.59379	0.525479	1.54121	1.54121	0.855774	1.13012	1.13012	0.45533	1.66736	1.66736	0.0157221	7.31722	7.31722	0.235264	2.30795	2.30795	0.29182	14.9758	6.36375	1
cg26447146	ZSCAN2;ZSCAN2;ZSCAN2	0.156001	0.867757	1.0326	1.0326	0.0647542	0.670765	-1.49084	0.0552991	0.658113	-1.5195	0.336519	0.826329	-1.21017	0.0138293	0.556735	-1.79619	0.255428	0.795676	-1.25679	0.570544	0.895513	-1.11668	0.1508	0.743091	-1.34573	0.28789	0.808631	-1.23666	0.2918	1.22777	0.521727	1
cg07617265	GRIN1A;GCOM1;GRIN1A;GCOM1;GRI	0.156003	0.138515	0.696074	-1.43663	0.463631	1.18468	1.18468	0.967625	0.990822	-1.00926	0.245506	0.758846	-1.31779	0.376462	0.813676	-1.22899	0.0248583	0.545157	-1.83433	0.188443	1.37244	1.37244	0.101166	0.665112	-1.50351	0.329082	0.79546	-1.25713	0.29179	1.70988	0.726599	1
cg18987561	TERF1;TERF1	0.156003	0.901051	0.691999	-1.44501	0.833131	1.07001	1.07001	0.490341	0.779246	-1.28329	0.0104704	0.385946	-2.59104	0.0156424	0.51028	-1.96008	0.580556	1.2198	1.2198	0.0379556	0.3592537	-2.78352	0.993078	1.63641	1.63641	0.954961	1.02031	1.02031	0.29179	1.78415	0.7455	1
cg23677103	PTPN2;PTPN2;PTPRN2	0.156005	0.123952	0.345184	-2.897	0.65319	1.33103	1.33103	0.171043	0.39433	-2.53595	0.430422	0.5982	-1.67168	0.108028	0.326432	-3.06343	0.360143	0.548449	-1.82332	0.0128742	0.339216	-7.18307	0.165225	0.3388656	-2.57297	0.101762	0.318467	-3.13827	0.29178	13.5042	5.73852	1
cg07672796	GM;HAGH	0.156007	0.240833	0.917456	-1.08997	0.874322	1.01117	1.01117	0.0620255	1.15884	1.15884	0.330027	1.07307	1.07307	0.103921

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22531183	FLJ26850	0.156176	0.0757011	1.69096	1.69096	0.504802	1.197	1.197	0.179281	0.684522	-1.46087	0.436989	1.23452	1.23452	0.378438	1.27138	1.27138	0.326422	1.30892	1.30892	0.271402	0.737697	-1.35557	0.0288719	1.98306	1.98306	0.242	1.38455	1.38455	2.09067	2.33758	0.993869	1
cg26918041	ITGA11	0.156177	0.0844842	0.46991	-2.12807	0.239735	0.614358	-1.62771	0.0906064	0.478144	-2.09142	0.949363	0.97518	-1.02545	0.0614998	0.434477	-2.30162	0.0515807	0.416088	-2.40334	0.0496196	0.412143	-2.42634	0.0890082	0.476034	-2.10069	0.270209	0.634869	-1.57513	2.09067	5.18563	2.20478	1
cg23111655	CAPZB	0.156179	0.239909	1.59608	1.59608	0.220995	1.63043	1.63043	0.379415	1.40862	1.40862	0.942443	0.972938	-1.02781	0.863437	1.0676	1.0676	0.466334	1.32533	1.32533	0.0148126	3.12424	3.12424	0.0195449	2.92176	2.92176	0.24529	1.58685	1.58685	2.09065	4.78003	2.03234	1
cg03302801	GPR35	0.156182	0.731474	0.775904	-1.28882	0.154746	0.325697	-3.07034	0.0772288	0.235273	-4.25038	0.151614	0.322524	-3.10055	0.0403049	0.174668	-5.72514	0.321158	2.12755	2.12755	0.0387222	0.171494	-5.83111	0.678953	0.735974	-1.35874	0.675134	0.733101	-1.36407	2.09063	17.9636	7.6377	1
cg23862908	C8orf37	0.156185	0.281976	1.17931	1.17931	0.656668	1.06822	1.06822	0.125894	0.78326	-1.27672	0.168241	1.24185	1.24185	0.151051	1.2548	1.2548	0.566865	0.918155	-1.08914	0.0340899	0.694329	-1.44024	0.888444	0.979509	-1.02092	0.400875	1.13524	1.13524	2.09061	0.720471	0.306331	1
cg11617253	DNAH17	0.156186	0.290056	0.840842	-1.18928	0.309375	0.846981	-1.18066	0.196224	0.805943	-1.24078	0.799696	0.960655	-1.04096	0.0165527	0.629934	-1.58747	0.665371	0.93361	-1.07111	0.148749	0.783106	-1.27697	0.0360743	0.680542	-1.46942	0.0674836	0.723668	-1.38185	2.09061	0.825204	0.350862	1
cg14011833	CCDC137;C17orf90;CCDC137	0.156189	0.116216	0.806818	-1.23944	0.107466	1.24721	1.24721	0.0896588	1.26525	1.26525	0.580816	1.07265	1.07265	0.217552	0.849491	-1.17718	0.157779	0.827028	-1.20915	0.191329	1.19	1.19	0.551512	1.0787	1.0787	0.974158	0.995935	-1.00408	2.09058	0.523511	0.22259	1
cg12388007	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.156191	0.618315	0.882633	-1.13297	0.709565	1.09745	1.09745	0.894053	0.967425	-1.03367	0.679191	0.901798	-1.1089	0.738312	1.08691	1.08691	0.102752	1.55848	1.55848	0.542936	0.858079	-1.16539	0.00832186	2.31242	2.31242	0.179949	1.42469	1.42469	2.09057	2.04541	0.869688	1
cg05135366	TRAP1	0.156191	0.0627597	0.669343	-1.494	0.748748	1.06355	1.06355	0.177004	0.759471	-1.31671	0.695158	0.927272	-1.07843	0.363248	0.835976	-1.19621	0.107285	1.4008	1.4008	0.0586028	1.50626	1.50626	0.37846	0.840925	-1.18917	0.966457	0.99197	-1.0081	2.09057	1.21717	0.517528	1
cg02647878	RNF175;RNF175	0.156193	0.292782	1.31534	1.31534	0.911399	1.02835	1.02835	0.577503	0.86821	-1.1518	0.220774	0.723768	-1.38166	0.172295	1.44028	1.44028	0.349559	0.785188	-1.27358	0.0325474	0.533479	-1.87449	0.0910299	1.596	1.596	0.979119	1.00659	1.00659	2.09056	2.08825	0.887906	1
cg06681434	WSCD2	0.156196	0.109019	0.570568	-1.75264	0.242853	1.48051	1.48051	0.61945	0.851515	-1.17438	0.181802	0.634421	-1.57624	0.0236688	0.420103	-2.38037	0.532292	1.22518	1.22518	0.52731	0.814136	-1.2283	0.424754	0.769731	-1.29916	0.0786774	0.53419	-1.87199	2.09054	3.4129	1.45115	1
cg11661187	SNCA;SNCA;SNCA;SNCA	0.156199	0.644005	1.38013	1.38013	0.0309901	5.77434	5.77434	0.0263083	6.19851	6.19851	0.541127	1.53469	1.53469	0.314443	0.486631	-2.05495	0.917031	0.930394	-1.07481	0.36078	0.521802	-1.91643	0.210066	2.49559	2.49559	0.791938	1.20087	1.20087	2.09052	15.8714	6.74852	1
cg12405684	BRSK2	0.1562	0.712151	0.929686	-1.07563	0.0188795	1.74975	1.74975	0.695742	1.08039	1.08039	0.0849882	1.45455	1.45455	0.403236	1.18326	1.18326	0.461085	0.862758	-1.15907	0.238867	0.784526	-1.27466	0.591786	0.89898	-1.11237	0.325066	0.818796	-1.22131	2.09051	1.28143	0.544865	1
cg23676798	CYP51A1;CYP51A1	0.156203	0.586221	0.91532	-1.09251	0.424323	0.876906	-1.14037	0.357116	1.1647	1.1647	0.366322	1.16115	1.16115	0.810499	1.03943	1.03943	0.84277	1.03249	1.03249	0.00618902	1.77664	1.77664	0.516135	1.11181	1.11181	0.356705	0.85847	-1.16486	2.09049	0.858043	0.364845	1
cg05782751	MCTS1;MCTS1	0.156205	0.0504856	0.32696	-3.05848	0.0403241	0.304856	-3.28024	0.70801	0.828043	-1.20767	0.132003	2.25992	2.25992	0.193975	0.501964	-1.99217	0.433169	0.669565	-1.49351	0.84718	0.907771	-1.1016	0.355786	1.61022	1.61022	0.705419	1.20981	1.20981	2.09048	8.32754	3.54093	1
cg13486410	C4orf31	0.156207	0.0849415	0.84626	-1.18167	0.941421	0.993581	-1.00646	0.0601828	1.20414	1.20414	0.620967	1.04465	1.04465	0.482038	1.06462	1.06462	0.838598	1.01803	1.01803	0.0689097	0.836625	-1.19528	0.309107	1.09663	1.09663	0.208575	0.890327	-1.12318	2.09047	0.254228	0.1081	1
cg01901788	MAP1LC3A;MAP1LC3A	0.156212	0.111303	0.301857	-3.31283	0.210916	0.402423	-2.48495	0.786588	1.20611	1.20611	0.401705	0.55284	-1.80884	0.0221168	0.15035	-6.65114	0.451774	0.58896	-1.69791	0.0607506	0.232266	-4.30541	0.0604739	0.231811	-4.31386	0.127711	0.320694	-3.11824	2.09044	15.7877	6.71318	1
cg18521925	SLC22A16	0.156219	0.746552	0.934896	-1.06964	0.419645	0.84267	-1.1867	0.0238996	0.571491	-1.74981	0.80223	0.949235	-1.05348	0.18011	0.744147	-1.34382	0.669237	1.09331	1.09331	0.0438651	1.61748	1.61748	0.804196	0.949739	-1.05292	0.316999	0.806746	-1.23955	2.09039	1.42683	0.606726	1
cg02933984	WASF1;WASF1;WASF1;CDC40;WASF1	0.156222	0.409621	0.88558	-1.1292	0.225077	0.832268	-1.20154	0.389322	0.880629	-1.13555	0.268601	1.18061	1.18061	0.84665	1.02829	1.02829	0.170365	1.23417	1.23417	0.0157737	1.5315	1.5315	0.571958	1.08578	1.08578	0.266273	1.18165	1.18165	2.09037	0.68741	0.292307	1
cg11029746	PPCDC	0.156222	0.131713	1.41123	1.41123	0.29325	0.793887	-1.25962	0.0580441	1.57389	1.57389	0.0819257	1.50392	1.50392	0.403327	1.19847	1.19847	0.564817	1.13112	1.13112	0.516062	0.869878	-1.14959	0.957667	0.988825	-1.0113	0.041304	1.64589	1.64589	2.09037	1.48374	0.630933	1
cg07427065	MESTIT1;MEST;MEST;MEST	0.156224	0.756936	0.931492	-1.07355	0.297138	0.781076	-1.28028	0.29719	0.781099	-1.28025	0.0189712	0.522376	-1.91433	0.0885485	0.650839	-1.53648	0.705586	0.916898	-1.09063	0.0996004	1.5107	1.5107	0.798449	0.943186	-1.06024	0.285169	0.775877	-1.28886	2.09036	1.72992	0.735619	1
cg07010761	PSMC3IP;PSMC3IP	0.156225	0.908885	0.98347	-1.01681	0.46558	1.11418	1.11418	0.2024	0.82206	-1.21646	0.594976	1.08125	1.08125	0.496344	1.10579	1.10579	0.932426	1.01242	1.01242	0.00676523	0.599854	-1.66707	0.712546	1.05535	1.05535	0.491532	1.10707	1.10707	2.09035	0.701731	0.2984	1
cg14172427	SNORD116-10	0.15623	0.795926	0.895479	-1.11672	0.305297	0.636253	-1.5717	0.156798	1.90613	1.90613	0.309263	0.638771	-1.56551	0.14511	0.513505	-1.9474	0.321869	0.646673	-1.54638	0.206134	0.56663	-1.76482	0.0535067	2.54494	2.54494	0.169737	0.536339	-1.86449	2.09032	6.00666	2.55427	1
cg23506077	C20orf4	0.15623	0.309506	1.29411	1.29411	0.519501	1.1736	1.1736	0.0235691	1.94034	1.94034	0.253984	1.33914	1.33914	0.684848	0.90481	-1.1052	0.279752	1.31715	1.31715	0.0858808	0.627936	-1.59252	0.361435	0.794544	-1.25858	0.385335	1.24382	1.24382	2.09032	1.98965	0.846083	1
cg27077050	ZFYVE21;XRCC3;XRCC3;XRCC3;ZFYVE21	0.156232	0.301939	1.4884	1.4884	0.812269	0.915323	-1.09251	0.398157	1.37948	1.37948	0.28128	1.51655	1.51655	0.0662426	0.464797	-2.15148	0.0445227	0.424026	-2.35835	0.353843	0.701354	-1.42581	0.157573	1.75415	1.75415	0.963257	0.983015	-1.01728	2.09031	4.57831	1.94689	1
cg02491717	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.156233	0.974247	0.98516	-1.01506	0.251333	1.74859	1.74859	0.207557	1.85994	1.85994	0.0465068	0.340005	-2.94113	0.496169	1.37818	1.37818	0.383085	0.659782	-1.51565	0.18998	1.91289	1.91289	0.142959	0.478386	-2.09036	0.188555	1.91745	1.91745	2.19509	7.30013	2.58662	1
cg12243133	RHOD	0.156234	0.233117	1.64584	1.64584	0.105965	2.0212	2.0212	0.065274	0.438359	-2.28123	0.498437	1.31506	1.31506	0.596186	1.23754	1.23754	0.361947	1.45274	1.45274	0.086408	0.470054	-2.12742	0.233403	1.64529	1.64529	0.389503	1.42111	1.42111	2.0903	5.258	2.23594	1
cg05253057	PCNP	0.156235	0.538377	0.932949	-1.07187	0.0167824	1.38426	1.38426	0.941074	1.00827	1.00827	0.145886	1.18999	1.18999	0.325785	1.11967	1.11967	0.711107	0.9594	-1.04232	0.913761	1.01214	1.01214	0.150043	0.842052	-1.18757	0.166259	1.17876	1.17876	2.09029	0.410921	0.174743	1
cg15607358	SLC6A13	0.156235	0.770669	0.913499	-1.09469	0.430779	0.779651	-1.28262	0.035555	0.468891	-2.13269	0.824886	1.071	1.071	0.444504	0.785627	-1.27287	0.677412	0.878544	-1.13825	0.49573	0.807267	-1.23875	0.0216125	2.34857	2.34857	0.353233	0.74404	-1.34401	2.09029	3.17175	1.34878	1
cg09252677	ZBED5;ZBED5	0.156238	0.0786158	0.492659	-2.0298	0.741413	0.886912	-1.12751	0.625927	0.836909	-1.19487	0.455847	1.31686	1.31686	0.202595	0.614148	-1.62827	0.270588	0.659868	-1.51545	0.0128205	0.32621	-3.06551	0.780185	1.10671	1.10671	0.114965	0.537313	-1.86111	2.09027	4.3481	1.84904	1
cg15769764	IDUA	0.15624	0.0404965	8.95017	8.95017	0.809654	1.25049	1.25049	0.400391	2.21972	2.21972	0.388684	2.26676	2.26676	0.0791035	0.164324	-6.08555	0.0769825	6.18208	6.18208	0.491833	0.523757	-1.90928	0.262133	2.95389	2.95389	0.30155	2.69531	2.69531	2.09025	28.4068	12.0801	1
cg06495586	LNX1;LNX1	0.156241	0.0372904	0.145054	-6.89398	0.323071	0.442545	-2.25966	0.423707	1.92052	1.92052	0.295103	0.420116	-2.38029	0.0686463	0.196367	-5.0925	0.437168	0.530969	-1.88335	0.410736	0.510763	-1.95785	0.0507322	0.168988	-5.91757	0.064617	0.190548	-5.24802	2.09025	21.1181	8.98056	1
cg26685590	BNIP3	0.156241	0.898939	0.971856	-1.02896	0.300088	0.785629	-1.27287	0.507502	1.16307	1.16307	0.0922891	1.51635	1.51635	0.665	1.10284	1.10284	0.590288	1.12989	1.12989	0.0323137	0.569416	-1.75619	0.324115	0.795489	-1.25709	0.0865146	0.653494	-1.53023	2.09025	1.67115	0.710665	1
cg09959112	CIITA	0.156242	0.169155	0.632434	-1.58119	0.773405	0.913659	-1.0945	0.0762857	0.539623	-1.85315	0.0339974	0.461126	-2.16861	0.0989281	0.567862	-1.76099	0.430961	0.77769	-1.28586	0.0180181	0.407068	-2.45659	0.410973	0.768763	-1.30079	0.535464	0.821774	-1.21688	2.09024	3.23884	1.37734	1
cg26823212	UCK2	0.156244	0.172221	0.47854	-2.08969	0.241767	0.537147	-1.86169	0.129299	0.435464	-2.2964	0.107979	0.410829	-2.4341	0.0781695	0.3706	-2.69833	0.0402803	0.300658	-3.32604	0.0431707	0.307296	-3.25419	0.988933	0.992989	-1.00706	0.0876201	0.384281	-2.60226	2.09023	8.5172	3.62201	1
cg17538991	C20orf46	0.156244	0.204892	0.761814	-1.31266	0.141688	1.37902	1.37902	0.0533674	0.639966	-1.56258	0.866345	0.966321	-1.03485	0.980351	1.00502	1.00502	0.935001	1.01673	1.01673	0.0195989	0.56351	-1.77459	0.863124	1.03572	1.03572	0.598292	0.89751	-1.11419	2.09023	1.36934	0.582325	1
cg02131155	ARHGAP10	0.156244	0.190472	0.495608	-2.01772	0.472289	0.69062	-1.44798	0.220702	1.91916	1.91916	0.691829	0.817325	-1.2235	0.0638754	0.348329	-2.87085	0.769953	0.862024	-1.16006	0.341933	1.6418	1.6418	0.0195636	0.239672	-4.17237	0.896593	0.936284	-1.06805	2.09023	8.48672	3.60906	1
cg00594560	ZFHX4;LOC100192378	0.156245	0.250305	4.25939	4.25939	0.210075	4.92001	4.92001	0.167725	5.89264	5.89264	0.149105	6.46407	6.46407	0.939587	1.09574	1.09574	0.192042	5.28995	5.28995	0.691918	0.618515	-1.61678	0.0094488	52.8654	52.8654	0.648804	0.575166	-1.73863	2.09022	48.1705	20.485	1
cg12007683	ZNF90	0.156246	0.712893	1.07012	1.07012	0.170287	0.765069	-1.30707	0.727719	1.06619	1.06619	0.623657	0.913309	-1.09492	0.05221	0.667044	-1.49915	0.429563	0.862555	-1.15935	0.0358646	1.56467	1.56467	0.212319	0.785937	-1.27237	0.532287	1.12298	1.12298	2.09021	1.11301	0.473321	1
cg07894162	MORC2;TUG1	0.156248	0.253078	0.844397	-1.18428	0.109159	1.28084	1.28084	0.44271	1.11728	1.11728	0.57184	0.922243	-1.08431	0.621751	0.931962	-1.073	0.117287	0.785801	-1.27259	0.0195654	0.670496	-1.49143	0.964094	1.0064	1.0064	0.67168	1.06227	1.06227	2.09021	0.664587	0.282625	1
cg18446690	SUMO1;SUMO1;SUMO1	0.156249	0.659974	0.837811	-1.19359	0.125694	0.515636	-1.93935	0.858099	1.07416	1.07416	0.643567	0.830068	-1.20472	0.221896	0.598602	-1.67056	0.734097	0.872599	-1.146	0.237756	0.609977	-1.6394	0.980359	0.990208	-1.00989	0.0124274	3.46781	3.46781	2.0902	5.2889	2.24918	1
cg22522598	BRD4;BRD4	0.156253	0.641724	1.45793	1.45793	0.530787	1.66674	1.66674	0.0750205	0.202863	-4.92943	0.644498	1.4533	1.4533	0.915289	0.917952	-1.08938	0.247782	2.64375	2.64375	0.0306026	0.129515	-7.72112	0.101873	4.22372	4.22372	0.943799	0.944854	-1.05836	2.09017	21.4301	9.11359	1
cg08180257	KIAA1244	0.156254	0.278798	0.757159	-1.32073	0.117842	0.657351	-1.52126	0.420177	0.815905	-1.22563	0.750678	0.924271	-1.08193	0.00956502	0.444596	-2.24924	0.858673	1.04501	1.04501	0.876486	1.03917	1.03917	0.0730974	0.610306	-1.63852	0.170283	0.697126	-1.43446	2.09017	2.02023	0.859146	1
cg15674863	ZNF221	0.156255	0.220351	0.811673	-1.23202	0.650995	0.92891	-1.07653	0.125554	1.30793	1.30793	0.559819	0.908936	-1.10019	0.330912	0.850059	-1.17639	0.188279	0.797921	-1.25326	0.0146089	0.614504	-1.62733	0.464536	1.12811	1.12811	0.563771	0.909828	-1.09911	2.09016	0.868003	0.369139	1
cg22014289	SH3RF3	0.156255	0.802329	1.09623	1.09623	0.14475	0.563418	-1.77488	0.146331	0.564871	-1.77032	0.530192	1.26228	1.26228	0.0489921	0.438971	-2.27805	0.483439	1.29806	1.29806	0.0437989	0.427925	-2.33686	0.312937	1.46568	1.46568	0.912286	0.960441	-1.04119	2.09016	4.44153	1.88886	1
cg03310838	ZFPM1	0.156258	0.375546	0.626877	-1.59521	0.156927	0.449607	-2.22416	0.0271896	0.226808	-4.40901	0.943276	0.964713	-1.03658	0.0344858	0.250455	-3.99273	0.0389202	0.263148	-3.80014	0.224232	0.513791	-1.94632	0.255696	0.539943	-1.85205	0.916848	1.05415	1.05415	2.56285	9.49269	2.05775	1
cg00451355	C3orf39	0.156259	0.501434	0.729244	-1.37128	0.00845219	4.74015	4.74015	0.275427	1.69059	1.69059	0.733478	0.853709	-1.17136	0.891131	0.938592	-1.06543	0.495127	0.725742	-1.3779	0.257484	1.72783	1.72783	0.504574	0.730983	-1.36802	0.421177	0.683672	-1.46269	2.09013	7.08921	3.01489	1
cg09376854	FGF8;FGF8;FGF8;FGF8;FGF8;FGF8;FGF8;FGF8	0.15626	0.502755	0.886051	-1.1286	0.171619	0.771921	-1.29547	0.420429	0.863798	-1.15768	0.848415	0.966534	-1.03462	0.922087	1.01755	1.01755	0.611104	0.912818	-1.09551	0.0183428	1.66381	1.66381	0.0826979	1.40753	1.40753	0.417951	1.15862	1.15862	2.09012	1.04741	0.445444	1
cg00478246	FAM84A	0.156265	0.149001	1.25621	1.25621	0.0897132	1.31748	1.31748	0.173117	1.2382	1.2382	0.663005	0.937417	-1.06676	0.21706	1.21098	1.21098	0.489259	1.10909	1.10909	0.916609	0.984681	-1.01556	0.12101	0.7805	-1.28123	0.104219	0.769662	-1.29927	2.0901	0.719138	0.305839	1
cg11798871	SMYD3;SMYD3	0.156273	0.129479	0.524715	-1.90579	0.538003	0.782326	-1.27824	0.0397234	0.392126	-2.5502	0.8185	0.913483	-1.09471	0.272922	0.638126	-1.56709	0.18693	0.576533	-1.73451	0.0239644	0.346328	-2.88744	0.11987	0.51463	-1.94314	0.0595128	0.432867	-2.31018	2.09004	5.1304	2.18194	1
cg03718655	SEC14L5	0.156277	0.620493	0.871861	-1.14697	0.566898	0.852984	-1.17236	0.850152	0.949367	-1.05333	0.187596	0.681362	-1.46765	0.400929	0.789622	-1.26643	0.252356	1.38886	1.38886	0.0113669	0.418721	-2.38822	0.228068	1.41563	1.41563	0.598134	1.15734	1.15734	2.09002	2.49829	1.06253	1
cg04402948	FBXO21;FBXO21	0.156279	0.717333	0.885266	-1.1296	0.810385	0.922589	-1.08391	0.152597	0.59836	-1.67123	0.562898	1.21661	1.21661	0.354751	0.726789	-1.37592	0.0519152	0.476458	-2.09882	0.018355	0.383183	-2.60972	0.281836	1.45485	1.45485	0.388809	0.743752	-1.34453	2.09001	3.71925	1.58181	1
cg05264110	SDAD1	0.156283	0.0971723	1.42213	1.42213	0.36315	1.19817	1.19817	0.168005	0.752594	-1.32874	0.027208	1.65804	1.65804	0.658268	0.917494	-1.08993	0.682002	1.08296	1.08296	0.31144	0.816624	-1.22455	0.268844	0.800296	-1.24954	0.676495	1.08456	1.08456	2.08998	1.23867	0.526818	1
cg18576800	LRFN3	0.156284	0.530915	0.733179	-1.36392	0.0205437	3.91342	3.91342	0.170973	2.03972	2.03972	0.737749	0.848474	-1.17859	0.0652785	0.363549	-2.75066	0.622486	0.78455	-1.27462	0.359421	0.63081	-1.58526	0.855443	1.09327	1.09327	0.865559	0.920485	-1.08638	2.08997	7.91383	3.36585	1
cg09916336	SEMA4F	0.156285	0.51093	0.827212	-1.20888	0.0274033	0.476003	-2.10083	0.98298	0.99395	-1.00609	0.752893	1.09401	1.09401	0.090216	0.587908	-1.70095	0.338645	1.32391	1.32391	0.669831	0.885132	-1.12978	0.103686	1.65904	1.65904	0.239269	0.704267	-1.41992	2.08997	2.6789	1.13937	1
cg19215692	IQSEC1;IQSEC1	0.156286	0.292567	0.840937	-1.18915	0.0289242	1.50474	1.50474	0.714778	0.943433	-1.05996	0.197353	0.805572	-1.24135	0.202824	0.807914	-1.23776	0.53081	1.10598	1.10598	0.134573	1.2917	1.2917	0.485414	1.11903	1.11903	0.388181	0.869085	-1.15064	2.08996	0.833145	0.354348	1
cg00033909	PER4	0.156286	0.0313449	0.313939	-3.18533	0.572426	0.769759	-1.29911	0.0618932	0.38116	-2.62357	0.609258	1.2668	1.2668	0.227528	0.559254	-1.78809	0.486223	1.38345	1.38345	0.399228	1.48575	1.48575	0.53292	0.748461	-1.33607	0.0731394	0.399784	-2.50135	2.08996	6.96623	2.96284	1
cg26888836	TEC	0.156286	0.107633	37.3678	37.3678	0.258133	11.3963	11.3963	0.211405	15.1051	15.1051	0.143467	25.5816	25.5816	0.236638	12.8973	12.8973	0.663423	2.46696	2.46696	0.0724	62.4467	62.4467	0.0191168	346.584	346.584	0.0437418	119.138	119.138	2.08996	140.759	59.8669	1
cg10206440	CLCNKA;CLCNKA	0.156288	0.0740308	2.19221	2.19221	0.508146	1.30299	1.30299	0.296983	0.652933	-1.53155	0.473048	1.33338	1.33338	0.158049	0.55156	-1.81304	0.535125	0.780661	-1.28097	0.678385	0.848407	-1.17868	0.16427	0.557071	-1.7951	0.0546943	2.36123	2.36123	2.08994	5.14457	2.18807	1
cg26943120	STK32B	0.156291	0.114417	0.36893	-2.71054	0.4103	1.63065	1.63065	0.151208	2.44291	2.44291	0.420547	0.62009	-1.61267	0.106303	0.359067	-2.785	0.490765	0.665989	-1.50153	0.120205	0.375725	-2.66152	0.1695	0.427458	-2.33941	0.0738813	0.314445	-3.18021	2.08993	11.163	4.74786	1
cg27346806	VENTX	0.156292	0.323451	1.33389	1.33389	0.476705	1.2268	1.2268	0.688914	1.1204	1.1204	0.455699	1.2394	1.2394	0.628773	1.14754	1.14754	0.00310943	3.13487	3.13487	0.238176	1.4177	1.4177	0.857661	1.05202	1.05202	0.780319	1.08219	1.08219	2.08992	2.64151	1.12349	1
cg09046974	BZW1	0.156292	0.808246	1.03929	1.03929	0.918569	0.983923	-1.01634	0.810633	0.962671	-1.03878	0.110384	1.3175	1.3175	0.057235	1.40625	1.40625	0.953193	1.00935	1.00935	0.74931	1.05212	1.05212	0.213601	1.23067	1.23067	0.0278096	0.662264	-1.50997	2.08992	0.831395	0.353611	1
cg21332304	NPEPPS	0.156293	0.502675	1.66024	1.66024	0.0107973	10.8744	10.8744	0.134205	3.3322	3.3322	0.518696	1.62836	1.62836	0.526263	1.61373	1.61373	0.148609	3.17274	3.17274	0.459402	0.570417	-1.7531	0.0661636	4.64566	4.64566	0.591365	1.49763	1.49763	2.08991	18.3832	7.81879	1
cg15823330	PRDM16;PRDM16	0.156301	0.258033	0.667674	-1.49774	0.159711	1.67234	1.67234	0.443076	1.30691	1.30691	0.471044	0.778058	-1.28525	0.527506	0.803239	-1.24496	0.141422	0.582026	-1.71814	0.0230308	2.53556	2.53556	0.555429	1.22646	1.22646	0.398107	1.34463	1.34463	2.08986	3.87736	1.64917	1
cg18792904	TPBG;TPBG	0.156302	0.744141	1.04325	1.04325	0.781641	0.96471	-1.03658	0.906955	0.984995	-1.01523	0.50218	1.09206	1.09206	0.460075	0.907329	-1.10214	0.995133	1.00079	1.00079	0.835585	1.02724	1.02724	0.420297	1.11234	1.11234	0.00380369	1.65645	1.65645	2.08986	0.553362	0.235364	1
cg10756099	COL25A1;COL25A1	0.156303	0.112453	0.868115	-1.15192	0.970497	0.996978	-1.00303	0.864611	1.01407	1.01407	0.722679	1.02959	1.02959	0.017253	1.26799	1.26799	0.135215	1.14087	1.14087	0.412694	0.933751	-1.07095	0.206564	1.1152	1.1152	0.906105	0.990389	-1.0097	2.08985	0.221713	0.0943028	1
cg03457528	MIR1204;PVT1	0.156306	0.857124	1.03113	1.03113	0.44541	1.1415	1.1415	0.385274	0.859472	-1.1635	0.966574	1.00715	1.00715	0.393277	1.16042	1.16042	0.529377	1.1145	1.1145	0.00709148	0.553294	-1.80736	0.302617	1.19922	1.19922	0.719339	0.940456	-1.06331	2.08983	0.958004	0.407478	1
cg27626141	AZIN1;AZIN1	0.15631	0.0226284	0.709232	-1.40998	0.431362	0.903853	-1.10638	0.147717	1.21592	1.21592	0.141988	0.819775	-1.21985	0.668339	1.05575	1.05575	0.109898	0.803039	-1.24527	0.759648	0.96211	-1.03938	0.725786	1.04532	1.04532	0.518902	1.08579	1.08579	2.0898	0.524409	0.223055	1
cg19266779	TAL1	0.156313	0.987314	1.00449	1.00449	0.0112875	2.44298	2.44298	0.589759	0.857942	-1.16558	0.478305	0.816356	-1.22496	0.923595	0.97336	-1.02737	0.136407	0.636569	-1.57092	0.414844	0.790881	-1.26441	0.362807	1.30117	1.30117	0.34253	1.31688	1.31688	2.08979	2.62228	1.11539	1
cg22719871	BRMS1;BRMS1;RIN1	0.156315	0.0733375	0.3703	-2.70051	0.0609294	2.86014	2.86014	0.338819	1.63315	1.63315	0.236686	0.539652	-1.85304	0.796228	0.879197	-1.1374	0.748958	0.852369	-1.1732	0.0625349	0.352458	-2.83722	0.376889	0.636914	-1.57007	0.407799	0.656225	-1.52387	2.08977	8.19217	3.48456	1
cg17695841	SLC35C1;SLC35C1;SLC35C1	0.156317	0.178081	0.502799	-1.98887	0.112385	2.29443	2.29443	0.683117	1.21799	1.21799	0.736922	1.17586	1.17586	0.0284208	0.288572	-3.46534	0.155409	0.481695	-2.076	0.149499	0.4759	-2.10128	0.911731	1.05473	1.05473	0.384495	0.651532	-1.53484	2.08976	7.64101	3.25014	1
cg15393619	SERTAD3	0.156318	0.0891538	0.604078	-1.65542	0.396981	1.26265	1.26265	0.1341	0.647649	-1.54405	0.831777	1.05887	1.05887	0.575481	1.16431	1.16431	0.465149	0.818835	-1.22125	0.0730483	0.584162	-1.71185	0.24452	1.38729	1.38729	0.0656087	0.573743	-1.74294	2.08975	2.39287	1.01782	1
cg11230112	SYNJ2	0.156318	0.226281	2.95038	2.95038	0.0932918	4.81655	4.81655	0.488892	1.81975	1.81975	0.136312	3.92281	3.92281	0.723872	0.739292	-1.35265	0.0974885	4.70423	4.70423	0.328758	0.385746	-2.59238	0.0512162	6.62322	6.62322	0.0846174	5.07454	5.07454	2.08975	24.0004	10.2087	1
cg02717061	COL4A2;COL4A1	0.156319	0.489734	1.36743	1.36743	0.0691989	0.403851	-2.47616	0.249477	1.71051	1.71051	0.903137	1.0558	1.0558	0.900199	0.945581	-1.05755	0.569716	0.773965	-1.29205	0.0455769	0.35971	-2.78002	0.664493	0.823147	-1.21485	0.0692986	2.47517	2.47517	2.08974	6.5831	2.80018	1
cg17314000	ADAMTS2;ADAMTS2	0.156323	0.119259	0.727632	-1.37432	0.924158	0.982252	-1.01807	0.502069	0.879745	-1.13669	0.226911	0.787737	-1.26946	0.820358	1.0437	1.0437	0.0642633	0.676369	-1.47848	0.108143	1.39049	1.39049	0.113914	1.38188	1.38188	0.429416	1.16381	1.16381	2.08972	1.17061	0.497935	1
cg07219844	ZNF511;TUBGCP2	0.156323	0.685876	0.900183	-1.11089	0.531184	1.17827	1.17827	0.0431782	1.825	1.825	0.588111	0.868132	-1.1519	0.134671	0.658947	-1.51757	0.500735	1.19333	1.19333	0.0439489	0.549504	-1.81982	0.537628	0.85094	-1.17517	0.272	0.744002	-1.34408	2.08972	2.21359	0.941578	1
cg22048683	ATP9A	0.156328	0.118216	0.76633	-1.30492	0.616418	0.923815	-1.08247	0.384108	1.1503	1.1503	0.272506	1.19626	1.19626	0.0934295	0.748633	-1.33577	0.378027	1.15248	1.15248	0.042182	0.692639	-1.44375	0.457479	0.888059	-1.12605	0.1654	0.792835	-1.2613	2.08969	0.814742	0.346566	1
cg10163371	BANP;BANP	0.15633	0.366734	0.810103	-1.23441	0.0305645	0.561508	-1.78092	0.673068	1.10118	1.10118	0.83168	0.952809	-1.04953	0.373431	0.812604	-1.23061	0.874036	0.964609	-1.03669	0.833269	0.953252	-1.04904	0.448257	0.83902	-1.19187	0.00907798	0.470953	-2.12335	2.08968	1.7071	0.72615	1
cg12269116	KIF2C	0.156335	0.340071	1.23984	1.23984	0.474998	1.17216	1.17216	0.0616185	1.58459	1.58459	0.490227	0.857923	-1.16561	0.622785	1.11451	1.11451	0.0248991	0.557842	-1.79262	0.180034	0.732483	-1.36522	0.852551	0.960133	-1.04152	0.807436	1.05484	1.05484	2.08965	1.58228	0.673065	1
cg14905691	TRPV1;TRPV1;TRPV1;TRPV1	0.156335	0.191602	1.41826	1.41826	0.021854	2.00459	2.00459	0.411352	1.23655	1.23655	0.680609	0.900669	-1.11029	0.180013	1.43317	1.43317	0.910928	1.02869	1.02869	0.0846232	1.61945	1.61945	0.255856	0.740965	-1.34959	0.477611	0.833185	-1.20021	2.08964	2.11433	0.899391	1
cg26179858	PSAPL1;SORCS2	0.156336	0.787096	0.939038	-1.06492	0.543044	1.15378	1.15378	0.0727209	0.628023	-1.5923	0.218251	1.35108	1.35108	0.108454	1.50207	1.50207	0.113869	0.670548	-1.49132	0.14854	1.43339	1.43339	0.642651	1.11468	1.11468	0.302731	0.780323	-1.28152	2.08964	1.78665	0.760004	1
cg09495855	MSRA;MSRA;MSRA	0.156339	0.104745	1.15698	1.15698	0.269684	1.09914	1.09914	0.876018	0.987242	-1.01292	0.0425351	0.825249	-1.21176	0.425894	0.935319	-1.06915	0.185119	1.12252	1.12252	0.219658	0.899291	-1.11199	0.269323	1.09923	1.09923	0.500383	1.05787	1.05787	2.08961	0.223837	0.0952166	1
cg23491124	PMAIP1	0.156341	0.17042	0.287076	-3.48339	0.666204	0.692299	-1.44446	0.0695285	0.173946	-5.74891	0.9378	1.0683	1.0683	0.789765	1.25395	1.25395	0.355593	2.24329	2.24329	0.080693	5.29422	5.29422	0.197099	3.20376	3.20376	0.100709	4.68215	4.68215	2.19432	24.3825	8.64239	1
cg10481417	CYP1A1	0.156347	0.954839	1.0073	1.0073	0.822398	1.0293	1.0293	0.178225	1.20175	1.20175	0.527268	1.08577	1.08577	0.353823	1.13039	1.13039	0.717514	0.954395	-1.04778	0.0111101	0.664301	-1.50534	0.503771	1.09108	1.09108	0.188824	1.19586	1.19586	2.08957	0.546255	0.232373	1
cg22259330	YEATS2	0.156351	0.845892	0.952277	-1.05012	0.0854304	1.61254	1.61254	0.0591604	1.70814	1.70814	0.689107	0.903879	-1.10634	0.362794	0.790533	-1.26497	0.329419	0.776518	-1.2878	0.0355697	1.84935	1.84935	0.578467	0.868449	-1.15148	0.97952	1.00647	1.00647	2.08954	2.08988	0.889035	1
cg03447083	CES3	0.156356	0.091464	0.410306	-2.43721	0.377422	1.54361	1.54361	0.569826	1.31693	1.31693	0.148928	0.476183	-2.10003	0.0264188	0.283163	-3.53153	0.533426	0.739083	-1.35303	0.45603	0.694965	-1.43892	0.0937618	0.413386	-2.41905	0.143525	0.470755	-2.12425	2.08951	7.60341	3.23454	1
cg16265078	EED;EED	0.156358	0.932295	1.01673	1.01673	0.144769	1.35781	1.35781	0.0483654	1.55352	1.55352	0.0883917	1.44361	1.44361	0.613788	0.905396	-1.10449	0.0493182	1.54985	1.54985	0.788495	1.05391	1.05391	0.320407	0.818318	-1.22202	0.167425	1.33294	1.33294	2.08949	1.26213	0.536923	1
cg18579879	WNT16;WNT16	0.156358	0.0386681	6.28787	6.28787	0.293365	2.30919	2.30919	0.161071	3.15597	3.15597	0.668773	1.39159	1.39159	0.356827	2.07016	2.07016	0.259615	0.405387	-2.46678	0.31259	0.448436	-2.22997	0.0618091	5.02749	5.02749	0.181026	2.97538	2.97538	2.08949	19.5083	8.299	1
cg03476722	CAMKK1;CAMKK1;CAMKK1	0.156358	0.303624	0.683941	-1.46212	0.757201	1.11691	1.11691	0.425956	1.33623	1.33623	0.503875	0.78518	-1.27359	0.170968	0.594652	-1.68166	0.316272	0.691141	-1.44688	0.0234023	2.62648	2.62648	0.102389	0.528718	-1.89137	0.649966	0.849682	-1.17691	2.08949	4.2069	1.78965	1
cg27002271	ZNF121	0.156359	0.221977	0.595701	-1.67869	0.52145	0.769319	-1.29985	0.231752	0.602798	-1.65893	0.12013	0.506402	-1.97471	0.156833	0.542745	-1.84249	0.0376411	0.37788	-2.64634	0.048043	0.401718	-2.48931	0.376268	1.44259	1.44259	0.0956719	0.47777	-2.09306	2.08949	5.38974	2.29285	1
cg27405644	CNTNAP1;CCR10	0.15636	0.0483887	0.572172	-1.74773	0.352251	1.2674	1.2674	0.409163	0.811424	-1.2324	0.14896	0.681717	-1.46688	0.810212	1.06137	1.06137	0.29952	1.30495	1.30495	0.765328	1.07692	1.07692	0.971944	0.991332	-1.00874	0.0420695	1.78573	1.78573	2.08948	2.02789	0.862686	1
cg00791283	SYT1;SYT1;SYT1	0.156362	0.342116	0.584769	-1.71008	0.30048	0.555373	-1.80059	0.984218	1.0109	1.0109	0.554479	1.3878	1.3878	0.0257158	0.234068	-4.27226	0.473956	1.49061	1.49061	0.0180534	0.207134	-4.82779	0.814157	0.878907	-1.13778	0.852865	0.903238	-1.10713	2.08947	9.9432	4.22998	1
cg00679763	UBE2Z	0.156363	0.0267778	0.474381	-2.10801	0.806417	0.932598	-1.07227	0.0351571	0.497854	-2.00862	0.359764	0.7652	-1.30685	0.387767	0.777556	-1.28608	0.755366	0.915	-1.0929	0.201331	1.46745	1.46745	0.673637	1.12794	1.12794	0.187022	0.671999	-1.4881	2.08946	2.67324	1.13724	1
cg02676735	CDKN2AIPNL	0.156363	0.0927485	0.816177	-1.22522	0.0792476	1.23857	1.23857	0.507197	1.07669	1.07669	0.21232	0.865666	-1.15518	0.118635	1.20445	1.20445	0.754697	0.966167	-1.03502	0.276884	0.883214	-1.13223	0.34785	1.11198	1.11198	0.238509	1.14519	1.14519	2.08946	0.39904	0.169758	1
cg18935453	LRP5	0.156364	0.0448748	0.233863	-4.27601	0.359758	0.551958	-1.81173	0.684363	1.29427	1.29427	0.314138	0.518402	-1.929	0.0544447	0.252268	-3.96403	0.260634	0.476879	-2.09697	0.0307721	0.201663	-4.95877	0.0788877	0.29185	-3.42642	0.289127	0.499337	-2.00266	2.08946	13.182	5.60782	1
cg07127888	GINS4	0.156365	0.481864	1.41746	1.41746	0.952685	1.02938	1.02938	0.132362	2.20899	2.20899	0.146161	2.14114	2.14114	0.410623	0.663237	-1.50776	0.479083	1.42071	1.42071	0.118313	0.437114	-2.28773	0.0528472	0.341644	-2.92702	0.250508	1.79679	1.79679	2.08945	7.88152	3.35294	1
cg14677681	KCTD8	0.156366	0.755787	0.939313	-1.06461	0.472111	1.15809	1.15809	0.458381	0.859401	-1.1636	0.157812	0.738558	-1.35399	0.241482	0.781897	-1.27894	0.321066	1.22842	1.22842	0.515	0.875918	-1.14166	0.0809897	1.47441	1.47441	0.0374242	1.62356	1.62356	2.08944	1.33255	0.566894	1
cg15335525	TPCN2	0.156367	0.101651	1.1513	1.1513	0.441442	1.06366	1.06366	0.0153208	1.2637	1.2637	0.123062	1.14037	1.14037	0.55563	1.04798	1.04798	0.157976	0.888085	-1.12602	0.364852	1.07595	1.07595	0.375681	1.0741	1.0741	0.615283	1.04064	1.04064	2.08944	0.204569	0.0870278	1
cg22009551	BAT5	0.156374	0.144104	0.550523	-1.81645	0.21912	1.6349	1.6349	0.160262	1.76937	1.76937	0.428171	0.735146	-1.36027	0.971131	0.986329	-1.01386	0.415367	0.728573	-1.37255	0.0175487	0.333087	-3.00222	0.401395	0.721304	-1.38638	0.91862	1.03964	1.03964	2.08939	4.78778	2.03686	1
cg21402738	HTR2C	0.156374	0.149559	2.09047	2.09047	0.695697	1.20634	1.20634	0.706986	1.19748	1.19748	0.99998	0.999988	-1.00001	0.840772	0.908465	-1.10076	0.639552	1.25245	1.25245	0.00982211	0.210636	-4.74753	0.15929	2.04997	2.04997	0.740558	1.17184	1.17184	2.08939	7.53647	3.20624	1
cg03211132	SELE	0.156376	0.0409006	0.267685	-3.73573	0.644165	0.771236	-1.29662	0.0833433	0.342815	-2.91702	0.101851	0.367831	-2.71864	0.0388918	0.263047	-3.8016	0.369832	0.597887	-1.67256	0.562244	0.720913	-1.38713	0.121665	0.391758	-2.55259	0.0516477	0.290245	-3.44536	2.08938	10.3217	4.39117	1
cg03599928	SMPD3	0.156377	0.295052	0.742377	-1.34702	0.171275	1.49122	1.49122	0.14006	1.54576	1.54576	0.783643	0.927275	-1.07843	0.0139556	0.434752	-2.30016	0.62822	0.874713	-1.14323	0.620174	0.871924	-1.14689	0.348194	0.767241	-1.30337	0.795361	0.931182	-1.0739	2.08937	2.49026	1.05944	1
cg22902532	CHRDL2	0.156381	0.61802	1.2705	1.2705	0.407799	0.668164	-1.49664	0.303794	0.602178	-1.66064	0.326146	1.62059	1.62059	0.745208	1.16799	1.16799	0.538934	1.34481	1.34481	0.00701797	0.190133	-5.25948	0.565271	0.758187	-1.31894	0.35951	0.638487	-1.5662	2.08935	7.50446	3.19269	1
cg12909983	MEPCE;ZCWPW1	0.156386	0.186146	0.673945	-1.4838	0.575733	0.860169	-1.16256	0.126017	0.620381	-1.61191	0.597935	1.15211	1.15211	?	?	?	0.0764794	1.79985	1.79985	?	?	?	?	?	?	0.210447	1.4461	1.4461	2.96125	1.88847	0.425153	1
cg00213123	CYP1A1	0.156388	0.769349	1.14407	1.14407	0.680929	1.20835	1.20835	0.818404	1.11101	1.11101	0.523457	0.743808	-1.34443	0.105273	0.444806	-2.24817	0.0457386	0.35051	-2.85298	0.0647471	0.386923	-2.5845	0.191565	1.88298	1.88298	0.29019	1.65279	1.65279	2.0893	6.93278	2.94954	1
cg09450467	SNORD83B;RPL3;RPL3;SNORD83A	0.156388	0.0512976	0.488629	-2.04654	0.835734	1.0693	1.0693	0.995862	1.00167	1.00167	0.68854	1.13886	1.13886	0.477324	0.79202	-1.26259	0.185961	0.636004	-1.57232	0.128977	1.69798	1.69798	0.313048	0.714089	-1.40039	0.0325221	0.445941	-2.24245	2.0893	3.4461	1.46614	1
cg05255884	LMNB2	0.156388	0.734352	1.04717	1.04717	0.683198	1.0571	1.0571	0.0932115	0.778879	-1.2839	0.0354227	1.39298	1.39298	0.347507	0.877305	-1.13985	0.670132	0.943663	-1.0597	0.867417	1.02287	1.02287	0.13117	0.802075	-1.24677	0.148502	1.23334	1.23334	2.0893	0.605985	0.257816	1
cg22616430	VARS	0.156396	0.0203328	0.547443	-1.82668	0.861672	0.963127	-1.03828	0.591504	1.12378	1.12378	0.152754	1.39082	1.39082	0.0552067	0.626121	-1.59714	0.835611	0.956226	-1.04578	0.21766	0.75626	-1.3223	0.853732	1.04056	1.04056	0.617354	0.897176	-1.11461	2.08925	1.53544	0.653265	1
cg23319046	MYL12A	0.156397	0.166444	0.111474	-8.97071	0.68804	1.82247	1.82247	0.00875323	143.424	143.424	0.874289	0.790224	-1.26546	0.375893	0.258899	-3.86251	0.853437	1.31652	1.31652	0.887777	0.810613	-1.23363	0.194234	7.70784	7.70784	0.771582	1.54165	1.54165	2.08924	73.166	31.1293	1
cg24662961	IRX3	0.156398	0.326795	0.881874	-1.13395	0.148504	1.2122	1.2122	0.17481	1.19627	1.19627	0.514226	0.921148	-1.0856	0.0703151	0.777859	-1.28558	0.662609	1.05603	1.05603	0.0457223	0.752443	-1.329	0.419065	0.902558	-1.10796	0.402341	0.899043	-1.11229	2.08923	0.510192	0.217067	1
cg08105294	TRRAP	0.156398	0.995627	0.998896	-1.0011	0.1978	0.760104	-1.31561	0.88127	0.970332	-1.03057	0.908573	0.977117	-1.02342	0.657229	1.09417	1.09417	0.32357	1.22808	1.22808	0.00879001	1.95887	1.95887	0.32098	0.813326	-1.22952	0.41896	0.846697	-1.18106	2.08923	1.34357	0.571637	1
cg14488952	CAP2	0.156401	0.882047	0.96949	-1.03147	0.0288426	0.583987	-1.71237	0.82648	0.955216	-1.04688	0.0185014	0.550922	-1.81514	0.33609	1.22998	1.22998	0.391477	0.832577	-1.20109	0.18194	0.744027	-1.34404	0.287984	0.794358	-1.25888	0.568912	0.886784	-1.12767	2.08922	1.44109	0.613133	1
cg13982956	PBX3;PBX3;PBX3;PBX3	0.156401	0.211459	0.34594	-2.89068	0.0335779	0.135096	-7.40217	0.0945017	0.227172	-4.40196	0.166001	0.303885	-3.29072	?	?	?	0.0424449	0.151942	-6.58146	0.446773	0.535107	-1.86879	0.0738476	0.200561	-4.98602	0.641784	0.685386	-1.45903	2.10514	19.2692	9.15341	1
cg02577436	HTRA3	0.156403	0.0546228	0.337037	-2.96704	0.100549	0.40764	-2.45315	0.0631773	0.352589	-2.83616	0.0301841	0.280397	-3.56637	0.134318	0.446904	-2.23762	0.551139	0.740207	-1.35097	?	?	?	0.320195	0.599057	-1.66929	0.73799	0.845797	-1.18232	2.10513	7.37489	3.5033	1
cg03778788	TMEM229A	0.156405	0.987449	0.996168	-1.00385	0.392254	1.23855	1.23855	0.192429	1.40038	1.40038	0.725535	0.917562	-1.08984	0.00670309	0.423863	-2.35925	0.749659	0.924833	-1.08128	0.643674	1.12041	1.12041	0.426188	0.8201	-1.21936	0.691646	0.907278	-1.1022	2.08919	1.97137	0.83876	1
cg24066624	NCRNA00171	0.156406	0.137984	1.50933	1.50933	0.144947	0.667996	-1.49702	0.109779	0.638062	-1.56725	0.505	0.840004	-1.19047	0.106667	1.57463	1.57463	0.377219	1.26306	1.26306	0.398048	1.24984	1.24984	0.126384	0.652989	-1.53142	0.955846	1.01437	1.01437	2.08918	2.19801	0.935189	1
cg10600536	FAM180B	0.156408	0.234544	0.573635	-1.74327	0.0914496	2.29099	2.29099	0.156657	1.96545	1.96545	0.932856	1.0383	1.0383	0.0512464	0.371555	-2.69139	0.408517	0.685885	-1.45797	0.195686	0.543167	-1.84105	0.248692	0.584031	-1.71224	0.447248	0.707871	-1.41269	2.08917	6.58219	2.80056	1
cg27165867	BRF1	0.15641	0.294689	1.21745	1.21745	0.0625805	0.684276	-1.4614	0.0244892	0.615599	-1.62443	0.202134	0.783633	-1.27611	0.128386	0.742638	-1.34655	0.87079	0.970959	-1.02991	0.491841	1.13473	1.13473	0.819692	1.0422	1.0422	0.993123	1.00156	1.00156	2.08916	1.08447	0.461417	1
cg02060039	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.156411	0.062511	0.37345	-2.67774	0.298092	0.602423	-1.65996	0.231818	0.554757	-1.80259	0.656117	0.810119	-1.23439	0.00817311	0.20386	-4.90532	0.987678	0.99277	-1.00728	0.53385	1.34455	1.34455	0.883655	1.07122	1.07122	0.648765	0.806169	-1.24044	2.08915	7.30463	3.10796	1
cg23227967	RBBP5;RBBP5	0.156411	0.658327	0.827749	-1.20809	0.0144788	3.59582	3.59582	0.183659	1.82062	1.82062	0.960694	1.02115	1.02115	0.17746	0.543994	-1.83826	0.824832	0.910136	-1.09874	?	?	?	0.449445	1.38734	1.38734	0.262074	1.64335	1.64335	2.10508	5.34712	2.54011	1
cg19220282	SLC1A4;SLC1A4	0.156413	0.968896	1.02609	1.02609	0.417149	1.72913	1.72913	0.38583	1.79882	1.79882	0.551439	1.48877	1.48877	0.0418171	0.212383	-4.70848	0.71095	0.782057	-1.27868	0.0393997	0.207256	-4.82495	0.404124	1.75731	1.75731	0.128679	0.338087	-2.95782	2.08914	14.431	6.14012	1
cg25900614	GRM8;GRM8;GRM8	0.156415	0.350876	0.568597	-1.75872	0.447045	0.634007	-1.57727	0.0337256	0.232668	-4.29797	0.594571	1.37145	1.37145	0.0111392	0.153969	-6.49481	0.778673	0.84732	-1.18019	0.4151	0.612736	-1.63202	0.605765	1.35818	1.35818	0.807233	0.86611	-1.15459	2.08913	11.4401	4.86756	1
cg14828511	PRMT6	0.156416	0.212399	0.844516	-1.18411	0.0149843	0.680574	-1.46935	0.7388	0.957858	-1.044	0.0485703	0.748347	-1.33628	0.584711	1.07359	1.07359	0.190655	0.836692	-1.19518	0.541644	1.08274	1.08274	0.684244	0.948753	-1.05401	0.239706	0.853506	-1.17164	2.08912	0.547734	0.233052	1
cg19676227	NCKAP5;NCKAP5	0.156416	0.045596	0.318379	-3.14091	0.337833	0.610591	-1.63776	0.0577645	0.342608	-2.91879	0.347158	0.61673	-1.62146	0.0246369	0.262866	-3.80422	0.265771	0.560462	-1.78424	0.0711457	0.365522	-2.73581	0.971204	1.01819	1.01819	0.215494	0.521577	-1.91726	2.08912	8.24805	3.50943	1
cg18469103	LRRC58	0.156417	0.422012	0.884484	-1.1306	0.420954	0.884226	-1.13093	0.181734	1.23634	1.23634	0.0105117	0.617642	-1.61906	0.507241	1.10593	1.10593	0.949883	0.990637	-1.00945	0.859473	0.973827	-1.02688	0.445424	1.12346	1.12346	0.205045	0.818636	-1.22154	2.08911	0.741076	0.315318	1
cg01036828	PAIP2B	0.156418	0.0358406	0.399174	-2.50517	0.178537	0.584191	-1.71177	0.474824	0.760847	-1.31432	0.819875	0.9178	-1.08956	0.0146916	0.323176	-3.09429	0.149979	0.559666	-1.78678	0.0797878	0.481351	-2.07749	0.71929	0.873077	-1.14538	0.416043	0.731529	-1.367	2.08911	4.67965	1.99113	1
cg02522785	CCDC129;CCDC129	0.156421	0.286904	0.846211	-1.18174	0.129547	0.780895	-1.28058	0.269235	0.840509	-1.18976	0.920566	1.01518	1.01518	0.182667	0.807711	-1.23807	0.8443	0.970744	-1.03014	0.0167075	1.5545	1.5545	0.933055	0.987393	-1.01277	0.404599	0.879171	-1.13743	2.08909	0.754477	0.321024	1
cg09420961	C16orf59	0.156422	0.841297	1.05469	1.05469	0.820888	0.941552	-1.06208	0.553514	0.852843	-1.17255	0.669815	1.12066	1.12066	0.00588395	0.383971	-2.60437	0.45608	1.22336	1.22336	0.347568	0.773475	-1.29287	0.715548	1.10208	1.10208	0.177035	0.683127	-1.46386	2.08908	2.33371	0.992976	1
cg12661145	TRIM8	0.156422	0.353222	1.14645	1.14645	0.941714	0.989592	-1.01052	0.544886	0.916059	-1.09163	0.254303	0.843399	-1.18568	0.230111	0.835144	-1.1974	0.0875242	0.763474	-1.3098	0.0502024	0.72656	-1.37635	0.0205691	0.670896	-1.49054	0.876491	0.977992	-1.0225	2.08908	0.677342	0.288204	1
cg20764753	PTPRN2;PTPRN2;PTPRN2	0.156423	0.103607	2.06292	2.06292	0.368138	1.45654	1.45654	0.945457	1.02822	1.02822	0.350934	1.47781	1.47781	0.0263392	2.92015	2.92015	0.292663	1.55913	1.55913	0.04673	2.52529	2.52529	0.0302857	2.81826	2.81826	0.566516	1.26581	1.26581	2.08908	5.47588	2.32995	1
cg04630908	DIP2C	0.156425	0.0648391	1.85788	1.85788	0.0860342	0.567408	-1.7624	0.154139	0.633985	-1.57732	0.899621	0.963003	-1.03842	0.84869	1.05872	1.05872	0.57499	1.1844	1.1844	0.104962	1.69769	1.69769	0.855549	1.05595	1.05595	0.170726	0.646764	-1.54616	2.08906	2.95258	1.25631	1
cg04788249	ATG7;ATG7;ATG7	0.156427	0.879941	0.914864	-1.09306	0.0744305	0.30425	-3.28678	0.248929	0.489576	-2.04259	0.652535	1.30611	1.30611	0.0137298	0.156342	-6.39622	0.393495	0.596664	-1.67599	0.590522	0.725996	-1.37742	0.433809	1.60251	1.60251	?	?	?	2.20851	10.546	4.17828	1
ch.18.4153F	USP14;USP14	0.156429	0.179112	0.652287	-1.53307	0.117234	1.66433	1.66433	0.209094	1.48644	1.48644	0.752026	1.09955	1.09955	0.0449949	0.502204	-1.99122	0.409764	0.776946	-1.28709	0.110622	0.594241	-1.68282	0.658606	1.14239	1.14239	0.706855	1.11976	1.11976	2.08904	2.9655	1.26183	1
cg24197750	CHD1L	0.156429	0.660303	0.951312	-1.05118	0.147461	1.19174	1.19174	0.682351	1.04753	1.04753	0.86144	1.01991	1.01991	0.0863898	1.23837	1.23837	0.398873	1.10238	1.10238	0.206279	0.86032	-1.16236	0.396699	0.906697	-1.1029	0.0215615	1.36544	1.36544	2.08904	0.421399	0.179306	1
cg02472543	SMARCAL1;SMARCAL1	0.156432	0.339533	0.812699	-1.23047	0.950576	1.01315	1.01315	0.266347	1.27634	1.27634	0.425298	0.842375	-1.18712	0.966251	0.991126	-1.00895	0.620842	1.11077	1.11077	0.387667	1.20508	1.20508	0.146232	1.38903	1.38903	0.00857706	2.02666	2.02666	2.08902	1.46857	0.624885	1
cg18597485	KIF7	0.156441	0.155171	0.798145	-1.25291	0.248318	1.19586	1.19586	0.107944	1.29689	1.29689	0.464284	1.11672	1.11672	0.900002	0.98154	-1.01881	0.801696	0.963388	-1.038	0.0255309	0.674816	-1.48189	0.342671	0.865111	-1.15592	0.37399	0.873493	-1.14483	2.08896	0.726777	0.309256	1
cg26352374	CCDC102A	0.156442	?	?	?	0.668213	0.778886	-1.28388	0.257758	0.502423	-1.99035	0.264048	1.97074	1.97074	?	?	?	?	?	?	?	?	?	0.0422475	0.25024	-3.99616	0.335798	1.78139	1.78139	2.2784	6.57982	4.04308	1
cg27665823	DECR2	0.156444	0.888917	1.03313	1.03313	0.0273241	0.543908	-1.83855	0.0592453	0.608548	-1.64326	0.898799	1.03012	1.03012	0.822226	1.05388	1.05388	0.78405	1.06616	1.06616	0.105502	1.51051	1.51051	0.263412	0.761928	-1.31246	0.34651	0.79765	-1.25368	2.08894	1.79947	0.765713	1
cg21233377	ALAD	0.156449	0.892804	1.08225	1.08225	0.316895	0.545217	-1.83413	0.907419	0.934071	-1.07058	0.6494	1.30775	1.30775	0.816682	0.872728	-1.14583	0.0208881	0.195984	-5.10246	0.0132827	0.165509	-6.04195	0.6903	0.790732	-1.26465	0.43198	0.624904	-1.60025	2.08891	11.3704	4.83843	1

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cg00678737	MRGPRX4;MRGPRX4	0.15645	0.497955	0.841121	-1.18889	0.351508	0.785749	-1.27267	0.033794	0.536182	-1.86504	0.013993	0.550041	-1.88665	0.125123	0.658727	0.15808	0.172799	0.694307	-1.44028	0.0133314	0.535026	-1.86907	0.36175	0.791783	-1.26297	0.207189	0.715698	-1.39724	2.0889	2.09214	0.8902658	1
cg10841270	RPS4Y2	0.15652	0.04947	4.2059	4.2059	0.935422	0.949395	-1.0533	0.610603	1.38971	1.38971	0.0431454	0.225156	-4.44136	0.114294	0.332616	3.00647	0.198639	2.38812	2.38812	0.552006	1.47047	1.47047	0.928793	1.05895	1.05895	0.853174	0.888054	-1.12606	2.08889	13.586	5.78126	1
cg09424566	AHCY1;AHCY1;2	0.15656	0.296194	0.432015	-2.31474	0.00826052	0.0730087	-13.697	0.0597459	0.192794	-5.18687	0.90561	0.912182	-1.09627	0.168442	0.320726	-3.11793	0.386545	0.502692	-1.98929	0.16229	0.314728	-3.17735	0.364503	0.485766	-2.0586	0.954952	1.04474	1.04474	2.08886	19.8628	8.45255	1
cg01357690	PNRC1	0.15656	0.715751	0.956053	-1.04596	0.0228558	1.39739	1.39739	0.144524	1.21508	1.21508	0.2252922	0.855149	-1.16939	0.217772	1.1727	1.1727	0.908423	0.985959	-1.01424	0.239333	1.16347	1.16347	0.427256	1.10457	1.10457	0.080936	1.26844	1.26844	2.08886	0.4994609	0.212543	1
cg24789335	TOP1MT	0.15663	0.2093767	0.239687	-4.1721	0.0804502	0.371301	-2.69323	0.0526065	0.324359	-3.083	0.0814178	0.372723	-2.68296	0.096853	0.39407	-2.53762	0.363261	0.620377	-1.61192	0.334974	0.60167	-1.66204	0.168003	0.472009	-2.1186	0.289211	0.569995	-1.7544	2.08881	8.63706	3.67547	1
cg10627913	TAP2;TAP2	0.15665	0.166405	0.832611	-1.20104	0.0271798	0.722828	-1.38345	0.0838934	0.798627	-1.26803	0.357885	0.880348	-1.14255	0.651951	0.954519	-1.05799	0.0368127	0.740011	-1.35133	0.701715	0.953348	-1.04894	0.0661408	0.774226	-1.29161	0.140353	0.821125	-1.21766	2.0888	0.5098575	0.216977	1
cg20495179	GPAT2	0.15666	0.527069	0.802058	-1.24679	0.483871	1.27747	1.27747	0.511938	0.795376	-1.25727	0.759594	1.11143	1.11143	0.0241831	0.396497	-2.52208	0.262706	1.4947	1.4947	0.479815	1.28048	1.28048	0.0434964	2.22346	2.22346	0.900503	0.957862	-1.04399	2.0888	3.91908	1.667777	1
cg20063650	ZNF645	0.15666	0.358206	2.02842	2.02842	0.145375	0.468553	-2.6803	0.12631	0.459597	-2.38434	0.155797	0.322902	-3.09691	0.0674627	0.217594	-4.59572	0.199556	2.74251	2.74251	0.0312713	2.552325	-6.56501	0.968465	1.02986	1.02986	0.705481	0.71538	-1.32661	2.08878	18.3303	7.80053	1
cg19342368	WHAMM;WHAMM	0.15672	0.182129	0.770659	-1.29759	0.930763	1.01611	1.01611	0.218114	0.251981	1.23358	0.823887	0.195513	1.09115	0.0231284	0.144665	-6.91241	0.112131	1.17848	1.17848	0.536279	1.12211	1.12211	0.5522	1.11698	1.11698	0.262379	1.23983	1.23983	2.08876	1.1195	0.4764114	1
cg21728844	NGEF;NGEF	0.15674	0.659001	1.22692	1.22692	0.0194161	3.67438	3.67438	0.0221317	3.53721	3.53721	0.779631	0.878827	-1.13788	0.621239	0.795052	-1.25778	0.49697	1.37379	1.37379	0.117184	2.18951	2.18951	0.818873	1.1114	1.1114	0.837756	1.09902	1.09902	2.08874	7.01485	2.98525	1
cg00883712	CD28P2;CD28P2	0.15681	0.948757	0.982562	-1.01796	0.0134221	0.663661	-1.50679	0.0228355	0.464272	-2.47358	0.0788038	1.18058	1.18058	0.144037	2.786	2.786	0.878072	1.13929	1.13929	0.643609	0.884873	1.13929	1.13929	0.643609	0.884873	1.13929	1.13929	0.643609	0.884873

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cg24251494	PI2D8	0.157065	0.091916	0.799378	0.25097	0.797777	0.969488	-1.03147	0.127079	0.819435	-1.22835	0.611145	0.959994	-1.08384	0.105901	0.808042	0.125756	0.119424	0.81552	-1.22821	0.151103	0.830547	-1.20403	0.945541	1.00828	1.00828	0.075312	1.26996	1.20894	0.480938	0.205042	1
cg10189768	MUC7;MUC7;MUC7;MUC7	0.157066	0.089194	0.271238	-3.6868	0.021069	0.145363	-6.87931	0.0556244	0.220954	-4.52582	0.489002	0.61306	-1.63116	0.134032	0.324693	1.07984	0.195476	1.385548	-2.59371	0.0483298	0.207927	-4.80937	0.443227	0.580304	-1.72323	0.298232	0.472076	-2.1183	0.24893	16.0015	6.82205	1
cg14045992	PRKCG	0.157067	0.629705	0.913955	-1.09415	0.818299	0.958278	-1.04354	0.6654359	0.681833	-1.46664	0.541983	0.891967	-1.12112	0.171895	0.763889	-1.30909	0.134082	0.741392	-1.34881	0.100083	1.39612	1.39612	0.0695744	0.686673	-1.4563	0.129016	0.738006	-1.355	1.20893	1.13259	0.48287	1
cg03094790	NCOR2;NCOR2	0.157069	0.829517	0.939537	-1.06435	0.467454	0.728473	-1.23843	0.573728	0.7869	-1.17869	0.282364	1.3814	1.38414	0.0226235	2.20227	2.20227	0.229621	1.694488	-1.43991	0.111768	1.63961	1.63961	0.0097256	1.685051	1.68505	0.751591	0.912243	-1.0962	0.284922	2.76228	1.17768	1
cg18023951	XRRA1;IRR4A1;SPCS2	0.157074	0.027009	1.82353	1.82353	0.679498	0.909079	-1.10001	0.596167	1.13055	1.13055	0.139186	1.44078	1.44078	0.175735	1.23192	1.23192	0.035823	1.75127	1.75127	0.183549	1.38228	1.38228	0.352093	0.865847	-1.15494	0.580141	0.879678	-1.13678	0.28488	1.73826	0.741107	1
cg20574550	ALDH1L1	0.220365	1.28075	1.28075	0.638171	0.911485	0.917551	1.09711	0.428	0.855363	-1.17156	0.943642	0.91393	1.09346	0.0494613	1.5506	1.5506	0.26504	1.25518	1.25518	0.0240141	1.69344	1.69344	0.386103	0.804405	-1.18987	0.653129	0.915288	-1.09255	0.48888	1.26417	0.53898	1
cg27202073	SAMD5	0.15708	0.686516	1.09159	1.09159	0.190317	0.741126	-1.3493	0.875664	0.966743	-1.0344	0.393275	0.827875	-1.20791	0.0641863	0.638104	-1.56714	0.396015	0.828823	-1.20653	0.24896	1.29731	1.29731	0.0475079	1.63172	1.63172	0.269675	1.28182	1.28182	0.24585	1.54057	0.656833	1
cg00831993	TLN1;CREB3	0.157085	0.0553804	0.549887	-1.81862	0.0645194	1.79197	1.79197	0.944245	0.986576	-1.01081	0.215908	0.304727	-1.41899	0.71563	0.902488	-1.10805	0.740116	1.09784	1.09784	0.113347	0.616823	-1.62121	0.131737	0.633655	-1.57815	0.260997	0.719831	-1.38921	0.28481	2.5965	1.10706	1
cg07735851	DNASE1	0.157088	0.0522738	0.275865	-3.62497	0.670296	1.28383	1.28383	0.46346	0.76461	-1.54414	0.186278	0.441546	-2.26477	0.0184625	0.240751	-4.05266	0.045263	2.616976	-1.83714	0.0044974	0.932353	-1.07256	0.418856	0.6176	-1.61917	0.0729868	0.311391	-3.2114	0.28479	11.2384	4.79167	1
cg07409602	ARID1B;ARID1B;ARID1B	0.157091	0.796232	1.03667	1.03667	0.0112548	1.55558	1.55558	0.0918472	1.29467	1.29467	0.567987	0.922827	-1.08363	0.405866	0.8884	-1.12562	0.767174	0.958562	-1.04323	0.637767	1.06822	1.06822	0.295661	0.859928	-1.16289	0.509665	1.09754	1.09754	0.28477	0.639361	0.272605	1
cg10718395	TAF3	0.157092	0.0765993	1.306473	-1.36331	0.0598678	0.934962	-1.07047	0.484425	0.918447	-1.08824	0.707077	0.882673	-1.21407	0.0302224	0.737052	-1.42079	0.145463	0.991768	-1.25225	0.0598815	0.279977	-3.57172	0.664553	0.790833	-1.26895	0.130949	0.776188	-1.65824	0.28477	11.8663	5.05944	1
cg18765637	MAP2	0.157094	0.0524473	0.273909	-3.65085	0.470526	1.53192	1.53192	0.262927	0.508893	-1.96505	0.172894	0.426718	-2.34347	0.0812443	0.11349	1.13349	0.282606	1.21965	1.21965	0.929131	0.980403	-1.01992	0.790654	0.98647	-1.08647	0.0228055	0.546508	-1.8298	0.28475	1.62374	0.692325	1
cg05820157	FBXO31;FBXO31	0.157104	0.974128	0.992413	-1.00764	0.471517	0.841984	-1.18767	0.695078	0.911641	-1.09692	0.0207356	0.52001	-1.92904	0.0209792	0.520911	-1.91971	0.611923	0.886792	-1.12766	0.448234	0.834023	-1.19901	0.0761794	0.629174	-1.58939	0.736109	1.08257	1.08257	0.28469	1.82078	0.776363	1
cg14727777	C4orf49	0.157105	0.041253	0.321391	-3.11148	0.746709	0.855375	-1.16908	0.208371	1.89525	1.89525	0.176691	1.99829	1.99829	0.131588	0.456282	-2.19163	0.199646	0.520384	-1.92166	0.193701	0.515345	-1.94045	0.265674	0.571707	-1.74915	0.737596	1.17597	1.17597	0.28468	7.67206	3.27129	1
cg04231888	NAV2	0.157183	0.171883	1.16669	1.15569	0.978798	0.641158	1.10114	0.0610691	1.26154	1.26154	0.0455	1.04804	1.04804	0.608324	1.21644	1.21644	0.205144	0.609055	1.16525	1.16525	0.190587	1.6027	1.6027	0.0625243	1.9983	1.9983	0.0129904	1.32205	1.32205	0.456711	1.33348	1.33348	0.28468	4.75971	2.0295	1
cg13545955	AKAP13;AKAP13	0.157109	0.196468	0.428209	-2.33531	0.139124	0.372101	-2.68744	0.0311126	0.207798	-4.81236	0.494544	0.650008	-1.53844	0.0169785	0.164003	-6.09746	0.197649	0.429275	-2.32951	0.526384	0.671225	-1.48981	0.102923	0.330229	-3.0282	0.180828	0.413801	-2.41662	0.28466	12.7328	5.42919	1
cg09428244	FAM40A7	0.157135	0.0269878	0.338512	-2.9531	0.207502	0.855678	-1.16866	0.0364039	0.36087	-2.77306	0.206257	0.602624	-1.64305	0.0847702	0.454531	-2.20007	0.187568	0.563126	-1.7754	0.159636	0.537092	-1.86188	0.342657	0.667381	-1.49839	0.062306	0.41946	-2.38402	0.28462	5.64885	2.40869	1
cg22596639	TARBP2;TARBP2;TARBP2;TARBP2	0.157137	0.60093	1.10646	1.10646	0.436925	0.641101	-1.55967	0.567471	0.895134	-1.11715	0.0828782	0.602044	-1.64499	0.0626622	0.641101	-1.55967	0.231721	1.082285	1.2178	0.0476325	0.247425	1.27676	0.781539	1.05473	1.05473	0.243884	0.791591	-1.26328	0.24861	1.21108	0.517264	1
cg03569748	NEUROD2	0.157121	0.537322	0.938048	-1.06604	0.170224	1.16132	1.16132	0.0421	1.27097	1.27097	0.866138	0.982874	-1.01742	0.0254115	0.763846	-1.3126	0.563017	1.06203	1.06203	0.597005	0.946834	-1.05615	0.965857	0.995627	-1.00439	0.682346	1.04303	1.04303	0.24858	0.346114	0.147587	1
cg00454770	ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.157124	0.686618	1.24849	1.24849	0.2665	0.727564	-1.12839	0.0134211	0.210008	-4.76037	0.0170571	2.831	2.831	0.763971	1.17913	1.17913	0.166134	0.647249	-1.54502	0.12342	0.181383	0.702703	-1.42311	0.0925	0.915155	1.09205	1.06005	1.06005	0.28456	0.885048	0.21514	1
cg21938436	ADAMTS9	0.157125	0.355279	1.246	1.246	0.736217	0.92478	-1.08134	0.855114	0.958605	-1.04318	0.605298	0.512851	-1.94985	0.0104318	0.605298	1.52359	0.156053	1.60203	1.60203	0.0357454	0.562884	-1.75975	0.0241003	0.86246	1.86246	0.277665	0.29837	1.29837	0.28456	1.76611	0.753098	1
cg12561934	B3GNT1	0.157127	0.137919	1.29381	1.29381	0.0492691	0.927478	-1.07792	0.0960143	0.767297	-1.64647	0.762269	0.934941	-1.06959	0.244599	0.90353	-1.10657	0.14863	1.387631	1.387631	0.102655	0.110652	1.12356	0.889769	0.96276	-1.03868	0.373001	1.1612	1.1612	0.28466	0.838668	0.379958	1
cg21938718	KCNK15	0.157126	0.108307	0.470819	-2.12396	0.0727899	0.422902	-2.36461	0.0827504	0.437732	-2.28451	0.625103	0.809133	-1.23589	0.0297193	0.532809	3.00473	0.138595	0.50381	-1.98487	0.0408529	0.362404	-2.75935	0.602359	0.797698	-1.25361	0.248115	0.59502	-1.68062	0.28455	6.104	2.60285	1
cg22052758	ACCN2;ACCN2	0.157129	0.0433965	0.244968	-4.08217	0.202687	0.25774	-2.25774	0.166386	0.44375	-2.44375	0.709773	0.797428	-1.25403	0.220128	0.464946	-2.15079	0.76558	1.19753	1.19753	0.388442	0.588538	-1.70783	0.343745	1.80503	1.80503	0.113229	2.83976	2.83976	0.28453	12.1048	5.16175	1
cg23028286	CYP19A1;CYP19A1	0.157129	0.7563801	1.0256	1.0256	0.843714	0.953098	-1.06482	0.2823864	0.732138	-1.36592	0.0116159	0.0178704	-1.79387	0.0078701	0.556453	-1.79737	0.269041	1.12697	1.12697	0.407809	0.870504	1.08547	1.08547	0.0053088	1.446689	-2.23869	0.758301	0.94552	-1.05703	0.58573	0.677058	1
cg15083233	PALM2-AKAP2;AKAP2;PALM2-AKAP2	0.157131	0.188802	0.337647	-2.96167	0.215821	0.362091	-2.76174	0.673182	0.718323	-1.39213	0.160906	0.311031	-3.21512	0.0146658	0.146533	-6.82439	0.268482	0.407052	-2.45669	0.0569508	0.186381	-5.36536	0.0769894	0.215768	-4.6346	0.0341234	0.154515	-6.87685	0.28452	20.0779	8.56169	1
cg16538178	KIAA0182;KIAA0182	0.157133	0.3904351	1.22563	1.22563	0.0342074	0.64429	1.16428	0.0979785	0.224154	-4.46129	0.0778295	0.157669	1.57669	0.010893	0.157669	1.57669	0.046235	1.7021	1.7021	0.155639	0.0978902	1.95705	1.95705	0.0144132	1.910869	1.91087	0.0129704	1.25171	1.25171	0.28465	1.79959	0.639516	1
cg04142750	TDRD10;TDRD10	0.157137	0.0450211	1.344448	-2.90319	0.735711	1.16997	1.16997	0.540747	0.750455	-1.33253	0.611816	0.788886	-1.26761	0.021861	0.279487	1.57798	0.07003	2.301198	2.55634	0.0664043	0.085227	2.59587	3.994709	0.667697	-1.49768	0.551117	0.756207	-1.32239	0.28451	0.708813	0.302256	1
cg14838433	TMEM61	0.157136	0.589249	0.568071	-1.76034	0.581975	1.78035	1.78035	0.238288	0.36085	0.36085	0.866174	1.19122	1.19122	0.480539	0.475242	-2.10419	0.063757	8.68901	8.68901	0.92465	1.10312	1.10312	0.782442	1.33266	1.33266	0.00387042	31.6711	31.6711	0.28449	35.3318	15.1518	1
cg20603304	HCG2P7	0.157136	0.711662	1.27214	1.27214	0.956397	0.576153	-1.09068	0.0618478	0.359155	-1.8587	0.123183	0.338911	-2.95033	0.0134104	0.338911	-2.95033	0.794048	1.18483	1.18483	0.112971	0.335154	-3.01646	0.127816	0.394908	-2.53195	0.0773953	0.274705	-3.64026	0.28449	0.940582	0.403127	1
cg20967294	ARHGAP26;ARHGAP26	0.157137	0.445523	1.27468	1.24678	0.614832	-1.62466	0.0673966	0.527512	-1.89569	0.719714	0.893641	-1.11902	0.123359	1.6835	1.6835		0.5165	0.814423	-1.22786	0.0556279	1.96763	1.96763	0.544626	0.82584	-1.21089	0.605431	0.849905	-1.1766	0.28448	3.21513	1.33104	1
cg18217440	TXNL4A	0.157139	0.0470092	0.307355	-3.25333	0.0408585	0.200837	-4.97854	0.0139564	0.185064	-5.40197	0.0473558	0.577508	-1.73202	0.0157386	0.263078	-3.80078	0.115121	1.248482	2.75117	0.0197571	0.447266	-2.2358	0.0387297	0.203427	-4.91576	0.0070175	0.578456	-1.72874	0.28447	9.3209	4.01289	1
cg02976544	PER2	0.157141	0.191822	0.827078	-1.20908	0.205623	1.20138	1.20138	0.1226	1.25846	1.25846	0.143624	0.805803	-1.241	0.549012	1.08688	1.08688	0.163132	0.814201	-1.2282	0.568834	0.923922	-1.08234	0.365009	1.1644	1.1644	0.102497	1.27828	1.27828	0.28445	0.623304	0.2658	1
cg21902461	CHURC1	0.157143	0.620201	0.902216	-1.10838	0.159537	0.713724	-1.36291	0.0700741	0.658914	-1.51765	0.407604	0.839889	-1.19063	0.0807372	0.671029	-1.49025	0.301697	1.24659	1.24659	0.0911225	0.681599	-1.46714	0.0594666	0.645194	-1.54992	0.116096	0.703438	-1.42159	0.28444	1.40073	0.597326	1
cg26530045	LUZP1;LUZP1	0.157147	0.2021227	1.2178	1.2178	0.0327124	0.674205	-1.2941	0.0120176	0.274354	-3.64105	0.0113207	0.0178502	-2.48637	0.784568	1.1396	1.1396	0.343513	1.189712	1.189712	0.46574	0.803911	-1.24702	0.0335614	0.129477	1.23727	0.137223	0.420481	1.23782	0.28442	0.66855	0.412553	1
cg00049718	E1	0.157148	0.617338	1.23031	1.23031	0.041571	0.62961	1.62961	0.0123741	3.60119	3.60119	0.33113	0.663128	-1.508	0.530299	1.29898	1.29898	0.399758	1.42574	1.42574	0.26682	1.60967	1.60967	0.320489	1.52558	1.52558	0.991142	1.0954	1.0954	0.28443	0.480938	0.205042	1
cg09453767	SETD5;LOC440944	0.157152	0.72659	1.05552	1.05552	0.818913	0.965319	-1.03593	0.170658	1.25178	1.25178	0.823678	0.966234	-1.03495	0.0655004	0.717248	-1.39422	0.073489	0.73554	-1.35954	0.302255	0.848325	-1.17879	0.0762446	1.35474	1.35474	0.92484	1.01463	1.01463	0.28438	0.78208	0.333519	1
cg26291655	KLHL25;MIR1276	0.157156	0.159577	0.432297	-2.31269	0.0267653	0.231349	-4.32247	0.0304552	0.242006	-4.13213	0.590786	0.738748	-1.35364	0.0551841	0.297416	-3.3623	0.512932	0.69063	-1.44795	0.0874427	0.349061	-2.86483	0.333966	0.573564	-1.74349	0.314549	0.559966	-1.7868	0.28436	10.2726	4.38081	1
cg13221107	KRT4B	0.157158	0.0453383	0.302266	-3.30806	0.0272564	0.72754	-1.3839	0.0134211	0.210008	-4.76037	0.0170571	2.831	2.831	0.763971	1.17913	1.17913	0.166134	0.647249	-1.54502	0.12342	0.181383	0.702703	-1.42311	0.0925	0.915155	1.09205	1.06005	1.06005	0.28456	0.885048	0.21514	1
cg05393688	TSC22D1;TSC22D1	0.157157	0.347419	0.836418	-1.19557	0.759729	0.85827	-1.05827	0.00864568	1.85534	1.85534	0.767625	0.932803	-1.07204	0.493688	1.15662	1.15662	0.455722	1.15058	1.15058	0.678836	1.07991	1.07991	0.38629	1.22685	1.22685	0.076328	1.43917	1.43917	0.28435	1.12531	0.479899	1
cg06197006	CRKCR6	0.157158	0.698049	0.843668	-1.18548	0.0210436	0.397396	-2.51656	0.0144422	0.282364	-3.54199	0.0138638	0.532314	1.87863	1.87863	0.144157	0.62729	1.08494	1.34902	1.34902	0.25544	1.311096	1.311096	0.983903	1.01636	1.01636	0.250635	1.1908	1.1908	0.475888	1.11122	1.11122	0.28433	0.729723	1
cg16652841	SMYD3;SMYD3	0.157162	0.88945	1.04467	1.04467	0.250233	0.690868	-1.44746	0.158947	0.623111	-1.60485	0.721779	1.11889	1.11889	0.363939	1.34062	1.34062	0.309284	1.43475	1.43475	0.0902304	0.55838	-1.7909	0.398509	1.31205	1.31205	0.204832	1.32582	1.32582	0.28433	2.52872	1.38973	1
cg07086592	DCAF4L2	0.157165	0.598037	0.957104	-1.04466	0.492356	0.807496	-1.23814	0.0211124	0.164884	-6.06063	0.0979199	0.169468	0.87425	-1.14405	0.204671	1.37781	0.309284	0.824705	-1.21255	0.0124599	0.336007	0.375902	-2.66011	0.0997	-1.0027	0.632717	0.612308	0.28424	1.10752	0.472323	1
cg12025911	MIR922;KIAA0226;KIAA0226	0.157165	0.601508	0.826644	-1.20971	0.0584599	0.16513	2.16513	0.0878831	0.570502	-1.75407	0.0661616	0.852885	1.17499	0.0729178	0.708496	1.05292	0.764084	1.11489	1.11489	0.0948239	1.94122	1.94122	0.774077	0.901622	-1.10911	0.404041	0.734546	-1.36139	0.2843	0.70547	1.83785	1
cg08531489	HDAC5;HDAC5	0.157166	0.701511	0.89167	-1.12149	0.0150139	2.43538	2.43538	0.110703	1.67776	1.67776	0.0943309	1.72904	1.72904	0.903345	1.03683	1.03683	0.432572	1.26928	1.26928	0.874353	1.04824	1.04824	0.0876591	1.75293	1.75293	0.138169	1.60847	1.60847	0.2843	2.92618	1.24793	1
cg14823162	PDLIM7	0.157167	0.364036	1.12069	1.12069	0.0168632	1.29287	1.29287	0.524349	0.904848	-1.1062	0.537211	0.926158	-1.07966	0.383879	1.03038	1.03038	0.294008	1.13959	1.13959	0.0756188	0.98326	0.98326	0.882401	1.00367	1.00367	0.984	1.00367	1.00367	0.2843	0.492582	0.210071	1
cg13537801	HG5	0.157169	0.975884	0.993459	-1.00658	0.043005	0.604095	-1.65537	0.126012	0.669081	-1.4325	0.776041	0.939955	-1.06388	0.0160124	0.527216	-1.89676	0.133656	0.703828	-1.4208	0.524707	1.15022	1.15022	0.531997	0.871591	-1.14733	0.388487	0.825402	-1.21153	0.28427	1.55597	0.663583	1
cg06072827	MCF2L;MCF2L	0.157169	0.420651	1.56783	1.56783	0.0111076	5.69807	5.69807	0.0265549	4.20819	4.20819	0.99782	0.998508	-1.00149	0.989182	1.54717	1.54717	0.576901	1.5981	1.5981	0.382467	1.63164	1.63164	0.0859189	0.930814	-1.07433	0.615802	0.758393	-1.31858	0.28427	0.862335	0.42004	1
cg16567770	ZNF778	0.157177	0.678717	0.953572	-1.06887	0.518315	1.10341	1.10341	0.651722	0.25335	1.07535	0.8818496	0.754701	-1.3611	0.4924486	0.894533	-1.1179	0.183787	1.03757	1.03757	0.0302642	0.665455	-1.50272	0.075059	0.137112	1.37112	0.470199	1.12464	1.12464	0.28427	0.843854	0.359883	1
cg00405232	MIR760	0.15717	0.0832131	0.652203	-1.53327	0.859474	0.961277	-1.04028	0.308113	1.26503	1.26503	0.798258	0.944518	-1.05874	0.528209	0.867326	-1.15297	0.138322	0.700757	-1.42703	0.0481496	0.168638	0.228033	1.32574	1.32574	0.336601	1.24706	1.24706	0.28427	1.6394	0.699166	1
cg21786227	CKS1B;CKS1B	0.157173	0.483174	0.833178	-1.20013	0.218336	0.397396	-2.51656	0.0144422	0.282364	-3.54199	0.0138638	0.532314	1.87863	1.87863	0.144157	0.62729	1.08494	1.34902	1.34902	0.25544	1.311096	1.311096	0.983903	1.01636	1.01636	0.250635	1.1908	1.1908	0.475888	1.11122	1.11122	0.28433	0.729723	1
cg17236930	KBTBD2;KBTBD2	0.157173	0.637267	1.22374	1.22374	0.65	1.21434	1.21434	0.577475	1.27029	1.27029	0.645602	0.821307	-1.21757	0.391134	1.45286	1.45286	0.0160155	0.285526	-3.50231	0.166883	1.86546	1.86546	0.79631	1.11624	1.11624	0.0866707	2.23552	2.23552	0.28425	5.96585	2.54431	1
cg08314765	ZDBF2	0.157175	0.0415344	0.292092	-3.42358	0.616712	0.767786	-1.30245	0.085738	0.380925	-2.70325	0.238914	0.524211	-1.90763	0.0108557	0.187317	-5.33855	0.309284	0.533993	-1.92162	0.187394	0.568828	-1.75938	0.210049	0.550027	-1.8171	0.162727	0.612717	-1.63208	0.28424	0.90523	0.386018	1
cg03754400	CLNS1A	0.157176	0.8504411	0.975625	-1.02498	0.664437	1.31196	1.31196	0.474533	0.909321	-1.09972	0.0755071	0.77212	-1.29514	0.708646	1.05029	1.05029	0.769883	0.962386	-1.03908	0.0525221	0.972187	0.955402	0.880272	-1.12325	0.972187	0.995453	1.00457	1.00457	0.28423	0.563926	0.240505	1
cg13439055	CHMP7	0.157178	0.0727589	0.221889	-4.50676	0.405349	1.44812	1.44812	0.954325	1.02522	1.02522	0.512155	1.33527	1.33527	0.441361	1.40698	1.40698	0.976295	1.01301	1.01301	0.412598	1.43954	1.43954	0.683251	1.19533	1.19533	0.278735	0.612741	-1.63201	0.24822	6.24368	2.66284	1
cg07927540	SMOC2;SMOC2	0.157179	0.3540393	1.12069	1.12069	0.0168632	1.29287	1.29287	0.524349	0.904848	-1.1062	0.537211	0.926158	-1.07966	0.383879	1.03038	1.03038	0.259413	1.49404	1.49404	0.0240573	-1.45459	0.0256083	2.029843	-4.76544	0.0469	0.193141	-2.54212	0.28421	1.44021	0.88074	1
cg10285525	PTK6	0.157183	0.123005	0.621399	-1.60927	0.0938792	0.597181	-1.68967	0.551807	0.842471	-1.18698	0.502479	0.823831	-1.21384	0.151922	0.645926	-1.54817	0.207079	0.684647	-1.46061	0.0169653	0.436452	-2.2912	0.0389703	0.508439	-1.9668	0.950077	0.982645	-1.01766	0.28419	2.67628	1.14141	1
cg01444726	C15orf55	0.157184	0.5723307	0.7184	0.7184	0.0121831	0.227602	-4.39353	0.0178161	0.164781	-6.06993	0.0178161	0.164724	-6.07381	0.0178161	0.164724	-6.07381	0.572307	0.718316	-1.39217	0.0178161	0.164724	-6.07381	0.0178161	0.164724	-6.07381	0.0178161	0.164724	-6.07381	0.28419	0.903753	0.385154	1
cg23448054	FAM129C;FAM129C	0.157187	0.130058	0.718599	-1.3916	0.0558947	0.645532	-1.54911	0.232993	0.776681	-1.28753	0.275377	0.795076	-1.25774	0.18871	0.754724	1.32499	0.66167	0.914858	-1.09307	0.00846684	0.506985	-1.97244	0.86648	0.966566	-1.03459	0.614998	0.902595	-1.10792	0.28416	1.34797	0.574907	1
cg05290904	RBBP5	0.157187	0.249518	0.788734	-1.26785	0.394818	1.18751	1.18751	0.843276	0.93981	-1.06453	0.0955188	0.558952	1.78939	0.0775977	1.47614	1.47614	0.182408	1.32141	1.32141	0.290041	0.349568	0.963249	-1.03815	0.681754	0.92191	-1.0847	0.0396145	0.625463	-1.59881	0.191287	0.761218	-1.31368	0.28416	1.28359	0.547447	1
cg21685048	VSNL1	0.157189	0.4913174	0.833178	-1.20013	0.218336	0.397396	-2.51656	0.0144422	0.282364	-3.54199	0.0138638	0.532314	1.87863	1.87863	0.144157	0.62729	1.08494	1.34902	1.34902	0.25544	1.311096	1.311096	0.983903	1.01636	1.01636	0.250635	1.1908	1.1908	0.475888	1.11122	1.11122	0.28433	0.729723	1
cg24513276	C15orf44;C15orf44	0.15719	0.269729	0.583684	-1.71326	0.2919948	0.599159	-1.66901	0.124742	0.459073	-2.1783	0.807977	0.941678	-1.06193	0.0179127	0.259809	-3.84898	0.0468412	0.344383	-2.90374

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Probeset ID	UCSC_REFGENE_NAME UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1137 vs. N)	Fold-Change(1137 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	F(Error)	SS(Test)	SS(Error)	df
cg09315024	;UBE2D3;UBE2D3;UBE2D3	0.157361	0.116732	0.659922	-1.53628	0.263213	0.745387	-1.34159	0.17788	1.434311	1.434311	0.721704	0.913838	-1.09439	0.218362	0.721675	-1.38566	0.358169	1.26877	1.26877	0.0445028	0.559171	-1.78836	0.199266	1.40733	1.40733	0.748769	1.08432	1.08432	1.03084	2.09389	0.893519	1
cg06124721	;UBE2D3;UBE2D3;UBE2D3	0.157377	0.02231394	0.158235	-6.3197	0.695021	1.303787	1.30378	0.783744	0.830909	-1.20351	0.787359	1.09967	1.09967	0.0348945	0.191011	-5.23531	0.239308	0.436169	-2.29269	0.143724	0.047239	-2.87986	0.229713	0.428022	-2.33633	0.143564	0.34496	-2.89889	2.08304	14.957	6.38255	1
cg18472945	BRD2;BRD2	0.157361	0.0533371	13.0072	13.0072	0.74537	1.45281	1.45281	0.629277	1.74703	1.74703	0.104994	7.82825	7.82825	0.0351929	17.8004	17.8004	0.0201163	27.3749	27.3749	0.193808	4.79925	4.79925	0.726148	1.49645	1.49645	0.500643	2.19225	2.19225	2.18701	44.5027	15.8267	1
cg01889548	FLYWCH2;FLYWCH2;FLYWCH2	0.157363	0.101327	0.268387	-3.72597	0.478947	1.695266	1.695266	0.929996	1.066554	1.066554	0.538296	0.633286	-1.57907	0.0628848	0.215618	-4.63782	0.326207	0.475596	-2.10263	0.0351592	0.165445	-6.04429	0.0488381	0.192166	-5.20382	0.235696	0.402075	-2.4871	2.08303	17.7339	7.56755	1
cg13174343	AGAP6	0.157366	0.0472163	0.398648	-2.50848	0.24128	0.608459	-1.6435	0.0966215	0.477695	-2.09338	0.187104	0.567598	-1.76181	0.0724614	0.444053	-2.25198	0.0544804	0.413257	-2.4198	0.0343202	0.367885	-2.71824	0.419653	0.716074	-1.3965	0.212887	0.587809	-1.70123	2.08301	5.41206	2.3095	1
cg16303096	DNAJC5	0.157369	0.914195	1.01732	1.01732	0.284784	0.837758	1.19366	0.0568452	2.731538	1.40541	0.602862	1.68723	1.68723	0.797348	0.959831	-1.04185	0.147239	1.19119	1.19119	0.0947157	1.48019	1.48019	0.546041	0.907243	-1.10224	0.367202	0.862786	-1.15904	2.081	0.837474	0.15738	1
cg00749507	PPT2;PRRT1;PPT2	0.157369	0.589987	1.17342	1.17342	0.0452072	1.96488	1.96488	0.167207	1.54164	1.54164	0.409979	2.18108	2.18108	0.372975	1.76424	1.76424	0.26688	0.71738	-1.40501	0.382365	0.768469	-1.30129	0.0731542	0.555736	-1.79941	0.495866	1.22303	1.22303	2.083	2.85092	1.21659	1
cg16429505	UFSP1;ACHE;ACHE	0.15737	0.182919	2.28782	2.28782	0.0700709	3.27386	3.27386	0.160188	2.4077	2.4077	0.301734	1.87114	1.87114	0.549055	0.701151	-1.42623	0.0579942	3.50748	3.50748	0.0244247	4.80794	4.80794	0.982041	0.986906	-1.01327	0.253992	2.00884	2.00884	2.08298	11.313	4.82767	1
cg19507192	ATP6V1C2;ATP6V1C2	0.157372	0.886309	0.0299	0.0299	0.0900896	0.190899	-1.2501	0.209681	0.762014	-1.31231	0.16883	0.793791	-1.35703	0.0153001	0.777892	-1.28387	0.19245	0.753071	-1.3279	0.0112767	0.525172	-1.90414	0.0972225	1.12389	-1.12389	0.58559	1.20064	1.20064	2.08297	1.39415	0.59494	1
cg07777672	PDZRN4	0.157376	0.072892	0.550746	-1.81572	0.0192172	0.429756	-2.3269	0.961867	1.01436	1.14366	0.113766	1.47355	1.47355	0.0144357	1.2634	1.2634	0.899345	0.962973	-1.03845	0.140335	1.6032	1.6032	0.809176	1.0748	1.0748	0.40804	0.777003	-1.287	2.08295	2.93249	1.25143	1
cg23127946	ZNF492	0.157376	0.150862	0.759628	-1.31643	0.939862	1.01308	1.01308	0.208266	0.788053	-1.26734	0.316308	0.831096	-1.20123	0.516317	0.889123	-1.1247	0.199411	1.65148	1.65148	0.442526	0.869506	-1.15008	0.442016	1.15093	1.15093	0.309846	1.20643	1.20643	2.08295	1.05205	0.449857	1
cg05591902	SUV39H2	0.157377	0.546282	1.892615	-1.1203	0.537464	1.12385	1.12385	0.183593	1.30051	1.30051	0.39378	1.17745	1.17745	0.733411	1.06602	1.06602	0.0397038	0.64099	-1.56009	0.0675272	0.681791	-1.46673	0.358001	1.19335	1.19335	0.241991	1.25735	1.25735	2.08294	1.15363	0.492307	1
cg12805515	FAM101B	0.157378	0.457183	0.649252	-1.54023	0.674033	0.784324	-1.27498	0.762657	0.841325	-1.18861	0.4859	1.4977	1.4977	0.0153001	0.18294	-5.46627	0.0590242	0.296343	-3.37447	0.452892	1.54685	1.54685	0.606026	0.361444	-2.76668	0.446003	0.642008	-1.55761	2.08293	10.7357	4.58145	1
cg03799530	SH2B3	0.157381	0.91494	1.13182	1.13182	0.242778	1.18661	1.18661	0.467675	2.65589	2.65589	0.926795	0.9609	0.9609	-1.04069	0.867705	-1.15183	0.0352963	2.88785	2.88785	0.40777	0.94538	-1.05778	0.807644	1.11167	1.11167	0.203344	1.79875	1.79875	2.08291	6.21409	2.65188	1
cg04194339	LRRC28	0.157382	0.221632	1.48047	1.48047	0.302067	0.721415	-1.38617	0.318408	0.729819	-1.3702	0.943424	1.02191	1.02191	0.0193444	0.421528	-2.37232	0.0532029	0.511266	-1.95593	0.810588	0.929291	-1.07609	0.525265	1.21727	1.21727	0.353837	0.747251	-1.33824	2.08291	3.0773	1.31325	1
cg08839520	POLD3	0.157382	0.154115	0.37883	-2.63983	0.171975	1.35817	1.35817	0.425923	1.18671	1.18671	0.294069	0.795231	-1.25753	0.193041	1.33648	1.33648	0.0651843	0.64668	-1.54636	0.127315	0.7026776	-1.42338	0.278419	1.08169	1.08169	0.428455	1.18555	1.18555	2.0829	1.4625	0.624127	1
cg25059428	UBA1	0.157384	0.115463	0.648948	-1.54096	0.0314621	0.528605	-1.89159	0.174487	0.565578	-1.76851	0.143765	0.277771	0.751879	-1.33	0.03386863	0.564125	0.5832818	1.15026	1.15026	0.85207	1.04729	1.04729	0.123611	0.656168	1.524	0.961985	1.01211	1.01211	2.08291	0.21446	0.898512	1
cg11630411	NRIP1	0.157383	0.24844	0.883697	-1.13161	0.40014	0.915519	-1.09228	0.269911	1.12494	1.12494	0.0649679	0.808663	-1.23661	0.0885556	1.21233	1.21233	0.442891	1.08348	1.08348	0.450973	1.08189	1.08189	0.194329	0.86874	-1.15109	0.215592	0.874967	-1.1429	2.0829	0.346453	0.147851	1
cg15889012	ABCG5	0.157383	0.379501	1.21881	1.21881	0.144007	1.14124	1.14124	0.0994792	1.68683	1.68683	0.789215	0.942979	-1.06058	0.500833	0.807073	-1.23907	0.274369	0.779059	-1.2836	0.0601346	0.6273838	-1.59407	0.462231	1.17855	1.17855	0.776515	0.959437	-1.06447	2.0829	1.39467	0.674602	1
cg08402433	CARD11	0.157384	0.552455	0.855546	-1.16884	0.659709	0.891343	-1.1219	0.628173	0.76951	-1.29953	0.298318	0.75588	-1.32294	0.0913172	0.99572	1.0027	1.0027	0.157753	1.48009	1.48009	0.0177709	0.233234	2.23234	0.525145	1.18194	1.18194	0.351185	0.779517	-1.28285	2.0829	2.223303	0.948689	1
cg01558151	UBAP2	0.157385	0.527983	0.83987	-1.19066	0.3217754	0.796252	-1.32231	0.653537	0.224785	2.24785	0.501377	0.850872	-1.22974	0.0553637	1.20742	1.20742	0.0199411	1.65148	1.65148	0.442526	0.869506	-1.15008	0.442016	1.15093	1.15093	0.309846	1.20643	1.20643	2.08295	1.05205	0.449857	1
cg08850289	NR2C2AP	0.157385	0.433473	1.71651	1.71651	0.0107258	3.41136	3.41136	0.151536	2.84808	2.84808	0.421755	1.74168	1.74168	0.204201	0.40233	2.48552	0.216364	2.41961	2.41961	0.656427	1.35259	1.35259	0.692013	0.76451	-1.30803	0.377035	1.84647	1.84647	2.08284	15.3977	5.47639	1
cg12125614	TIMP2	0.157386	0.131056	3.077	3.077	0.515072	1.57628	1.57628	0.600906	1.43888	1.43888	0.26227	2.23858	2.23858	0.116106	3.24561	3.24561	0.0495875	6.68517	6.68517	0.0284251	5.9484	5.9484	0.0340669	5.50275	5.50275	0.207485	2.50015	2.50015	2.08288	15.6784	6.69092	1
cg12163490	CDH11;COH11	0.157387	0.167545	1.51585	1.51585	0.0731455	1.18661	1.18661	0.0467675	2.65589	2.65589	0.926795	0.9609	0.9609	-1.04069	0.867705	-1.15183	0.3641457	1.89786	1.89786	1.05513	0.374012	1.05527	0.974082	1.05527	0.974082	0.964853	1.28221	1.28221	2.08288	1.03084	0.344223	1
cg04291383	AADAC3;AADAC3 BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BD	0.157399	0.819708	1.09895	1.09895	0.6696905	0.432393	-2.31271	0.0262785	0.336457	-2.97215	0.47093	0.738514	-1.35407	0.100179	0.475005	2.10524	0.320167	0.654065	1.5289	0.887894	0.943371	-1.06003	0.358529	0.676914	-1.47729	0.0301135	0.348513	-2.86933	2.0828	5.63457	2.4047	1
cg06979684	NF;BDNF;BDNF;BDNF;BDNF;BDNF;BD	0.157401	0.0535693	0.584486	-1.7109	0.0540344	0.585256	-1.70866	0.443685	0.825521	-1.21136	0.111218	0.653753	-1.52963	0.842955	1.04979	1.04979	0.90301	0.970377	-1.03063	0.0808369	1.6068	1.6068	0.778519	1.07151	1.07151	0.755871	0.926447	-1.07939	2.08276	1.97942	0.844785	1
cg12091119	DIEXDEK	0.157409	0.297471	0.69833	-1.43195	0.2798	0.867287	1.45151	0.452068	1.28915	1.28915	0.0322942	0.427545	2.33893	0.168779	0.612936	-1.63149	0.392867	1.33699	1.33699	?	?	?	?	?	?	0.521802	1.23995	1.23995	2.23126	2.92469	1.31782	1
cg18286201	KLHL1;ATXN8OS	0.157409	0.0661105	2.22678	2.22678	0.275522	1.55047	1.55047	0.407966	1.38915	1.38915	0.130885	1.8841	1.8841	0.0351635	2.59325	2.59325	0.210522	1.60927	1.60927	0.0268211	2.76917	2.76917	0.180279	1.7377	1.7377	0.0984221	2.02146	2.02146	2.08274	4.97458	2.1231	1
cg08145723	ST14	0.157412	0.0270964	0.0	0.0	0.0	0.318311	0.3311	0.0455928	0.344653	0.344653	0.0114917	0.25044	0.25044	0.0083742	0.180756	-5.53501	0.0277041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.08273	0.0	0.0	1
cg02400146	ANKRD6	0.157414	0.291988	0.791315	-1.26372	0.207042	0.752124	-1.32957	0.0792438	0.658949	-1.51757	0.605826	1.11788	1.11788	0.0441723	0.609607	1.6404	0.161926	0.726364	-1.37672	0.616083	1.1143	1.1143	0.6071	0.894906	-1.11744	0.0299538	0.578862	-1.72753	2.0827	1.51164	0.645161	1
cg18820209	FAM69C	0.157415	0.432217	0.799158	-1.25132	0.324837	1.32896	1.32896	0.137331	1.56459	1.56459	0.573901	0.853058	-1.17225	0.671509	1.12673	1.12673	0.387392	1.28123	1.28123	0.0117861	0.4148865	-2.41042	0.581539	1.16848	1.16848	0.725748	1.10353	1.10353	2.0827	2.58083	1.10149	1
cg12075511	GEMIN5;CMSC6;SMC6;GEN1	0.157415	0.0363833	0.0	-1.15006	0.3217754	0.796252	-1.32231	0.653537	0.224785	2.24785	0.501377	0.850872	-1.22974	0.0553637	1.20742	1.20742	0.0199411	0.65148	1.65148	0.442526	0.869506	-1.15008	0.442016	1.15093	1.15093	0.309846	1.20643	1.20643	2.08295	1.05205	0.449857	1
cg04035064	PIK3CE	0.157417	0.0472363	0.381244	-2.62299	0.627335	0.812373	-1.23096	0.900089	1.0548	1.0548	0.924595	1.04101	1.04103	0.180879	0.546937	-1.82836	0.0940419	2.18577	2.18577	0.246573	0.597707	-1.67306	0.773881	1.13015	1.13015	0.0495462	0.386074	-2.59018	0.82668	5.95064	2.53973	1
cg01353785	C11orf58;C11orf58 P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2RX2;P2RX2	0.157418	0.81884	0.953801	-1.04904	0.559231	0.885363	-1.12948	0.544009	1.13499	1.13499	0.0535208	0.636286	-1.57162	0.0072048	0.490661	-2.04098	0.519804	1.64747	-1.14097	0.847493	1.2405	1.2405	0.312554	1.24405	1.24405	0.312554	1.21767	0.799022	0.946416	-1.05657	2.08267	0.21045	0.938944	1
cg02726803	?	0.157421	0.546742	0.982494	-1.34612	0.0684985	0.479136	-2.08709	0.152351	0.575058	-1.73895	0.590792	0.82215	-1.21632	0.107343	0.551094	-1.8329	0.652597	1.77761	1.77761	0.0118511	0.321986	-3.1065	0.168135	0.588655	-1.69839	0.458264	0.761481	-1.31323	2.08266	4.29341	1.83245	1
cg03776372	PDK2	0.157422	0.6040456	1.15631	1.15631	0.409295	0.840229	1.80075	0.0615139	1.35678	1.35678	0.108788	0.289647	1.35678	1.35678	0.0254805	0.5507704	0.586039	0.858744	-1.16449	0.228562	0.7601231	-1.42606	0.367782	0.779504	-1.28282	0.208265	0.54202	0.08495	2.08266	0.779504	0.289415	1
cg25058261	TBX3;TBX3	0.157423	0.118482	0.653254	-1.5308	0.0168435	0.480633	-2.08059	0.760405	0.926037	-1.07987	0.736304	1.08862	1.08862	0.0607023	0.587881	-1.70102	0.345806	0.783549	-1.27624	0.161799	0.6074734	0.609763	-1.63998	0.405541	0.807515	-1.23837	0.82665	2.08185	0.88855	1
cg07607917	SERTAD1;SERTAD3	0.157425	0.0285457	0.415151	-2.40779	0.0188307	0.224171	0.58871	-1.69899	0.314559	0.94292	0.0461964	0.741154	1.35154	0.0132837	0.934334	-1.07052	0.7603144	1.29172	1.29172	0.0314193	0.772452	-1.29458	0.966671	1.01351	1.01351	0.0882263	0.546176	-1.83091	2.08265	0.0	0.0	1
cg04026833	BCAS3;BCAS3	0.157426	0.585906	1.15634	1.15634	0.0646402	0.578078	-1.72987	0.0966646	0.617812	-1.61862	0.149426	0.664871	-1.50405	0.935218	1.0217	1.0217	0.741135	1.09148	1.09148	0.0578338	1.76176	1.76176	0.761821	1.08358	1.08358	0.278828	0.7428	-1.34626	0.82663	2.29987	0.981611	1
cg15427393	ZNF117;ZNF117	0.157428	0.186773	0.490497	-2.03875	0.0385741	0.634311	-1.57651	0.0550638	0.330488	3.02583	0.218293	0.517206	-1.93313	0.0195707	0.297632	-3.35985	0.118967	0.422586	2.36698	0.222364	0.1631561	-6.13132	0.0196597	0.608191	-1.64422	0.0196069	0.239193	-4.18072	0.82662	8.546	3.64755	1
cg16738646	SLC2A1	0.157433	0.39701	0.72821	-1.37282	0.1830585	0.74403	1.40493	0.0495781	1.28472	1.28472	0.184486	0.597642	-1.67324	0.0304497	0.394639	-2.53396	0.6960898	1.5108	1.5108	0.382189	0.720547	-1.38783	0.82659	1.85886	1.85886	0.352173	0.728147	-1.37273	0.82659	4.41112	1.88275	1
cg20046875	ARIH1	0.157431	0.107214	0.688413	-1.45262	0.306666	0.798735	-1.25198	0.213438	1.33075	1.33075	0.0317753	0.585989	-1.70652	0.792401	1.05761	1.05761	0.137771	0.712218	-1.40407	0.16536	0.7303168	-1.36917	0.728506	0.928676	-1.0768	0.373411	1.21413	1.21413	2.08259	1.48724	0.63478	1
cg11164400	PPP1R3A;PPP1R9A	0.157434	0.608387	1.08354	-1.08252	0.155509	0.774854	-1.29104	0.0313384	1.29116	1.29116	0.0313384	0.481321	-2.33637	0.0874777	0.959836	-1.04206	0.5445614	1.83637	1.83637	?	?	?	?	0.1335557	0.65375	-1.53757	0.713404	0.9036583	1.20991	1.20991	2.08257	2.33119	0.995006	1
cg18682447	NUP107	0.157436	0.247099	1.15154	1.15154	0.272503	0.13419	0.10419	0.0196437	1.38666	1.38666	0.168148	1.1857	1.1857	0.682741	1.04881	1.04881	0.771904	0.966852	-1.03428	0.808385	0.7989331	-1.25167	0.754809	0.964319	-1.037	0.259356	1.14621	1.14621	2.08256	0.443624	0.189349	1
cg23199011	PIRT	0.157439	0.937504	1.05011	1.05011	0.0726147	1.93548	1.93548	0.257762	1.27141	1.27141	0.643506	0.856095	-1.16687	0.202905	0.696334	-1.43615	0.555734	1.2115	1.2115	0.0845549	0.4512582	-2.21602	0.28017	1.43838	1.43838	0.131154	0.82811	-1.71583	2.08254	3.61656	1.54365	1
cg02014125	CABLES2	0.157441	0.0373717	0.3380065	-2.57688	0.391408	0.41066	-2.43566	0.0226547	0.60647	-1.64889	0.709731	1.15777	1.15777	0.0784834	0.464968	-1.72568	0.2257727	0.653873	-1.52935	0.0454836	0.600705	-1.45655	0.314861	0.564466	-1.50045	0.191831	0.581956	-1.71834	2.08254	5.06342	2.1322	1
cg00682103	EIF2C;EIF2C2	0.157446	0.788796	1.08052	1.10852	0.0167325	1.06685	1.06685	0.968835	0.985121	-1.0151	0.721207	0.875103	-1.14774	0.04201	0.408757	-2.44644	0.694012	0.859226	-1.16384	0.70476	0.8715339	-1.14741	0.727661	1.27561	1.27561	0.337847	0.684455	-1.46102	2.0825	4.85637	2.07288	1
cg08373390	VPS52	0.157446	0.0781353	0.4564	-2.19058	0.0417464	0.29582	-3.38021	0.0456463	0.5444	-1.84	0.460005	2.23888	2.23888	0.16004	0.719772	-1.38953	0.2782612	0.11749	-8.50004	0.0119772	0.0481317	-5.51521	0.0401529	0.0302023	-11.8545	0.0716373	0.225302	-4.43982	2.0825	0.72859	0.19435	1
cg06916426	MANEAL;MANEAL;MANEAL	0.157446	0.0744866	0.307703	-3.24988	0.0379291	0.239912	-4.16819	0.84992	0.893726	-1.11891	0.629251	1.33448	1.33448	0.0608286	0.285518	-3.50241	0.352767	1.76322	1.76322	0.501895	0.6674821	-1.49817	0.439184	0.626271	-1.59675	0.0912414	0.331787	-3.01398	2.0825	11.6032	4.9527	1
cg16389910	TBC1D28;LOC91450;TBC1D28	0.157453	0.0723353	0.4661443	-2.14455	0.0257838	0.326668	-3.06187	0.0472312	0.521883	-1.91617	0.624273	1.17183	1.17183	0.409921	0.511996	-1.9525	0.932202	0.99742	-1.00334	0.917183	1.011143	1.011143	0.109402	1.02385	1.02385	0.113312	1.2053	1.2053	2.08249	0.394037	0.160221	1
cg15423781	FER	0.157448	0.0062161	0.297921	-3.3566	0.805679	1.08727	1.08727	0.228588	1.53566	1.53566	0.654234	1.16537	1.16537	0.437207	0.764111	-1.30871	0.495566	2.26479	2.26479	0.516491	0.799875	1.2502	0.674114	0.866421	-1.15417	0.872416	0.946904	1.05607	2.08248	3.80082	1.62234	1
cg13315923	FNDC3B;FNDC3B	0.157452	0.305898	0.443023	-2.25722	0.0527945	0.0593524	-16.8485	0.117952	0.271506	-3.68315	0.877921	1.1253	1.1253	0.321456	0.45537	-2.19602	0.210604	0.363102	-2.75405	0.4667514	0.566208	-1.76613	0.257575	0.403598	-2.47772	0.771023	0.799223	-1.25122	0.82646	19.4518	8.30292	1
cg25022315	SNF8	0.157457	0.60887	1.08347	1.08347	0.16552	0.190757	1.10753	0.281181	1.14776	1.14776	0.0625005	0.772638	-1.29455	0.0313384	1.29116	1.29116	0.0248393	0.719909	-1.38972	0.885796	1.16541	1.16541	0.0644045	1.16541	1.16541	0.0644045	1.25625	1.25625	2.08245	0.499301	0.213126	1
cg25080749	SNX25	0.157454	0.895135	0.962431	-1.03904	0.653515	1.1402	1.1402	0.568739	1.18206	1.18206	0.72456	1.10819	1.10819	0.842118	1.05962	1.05962	0.37472	0.767544	-1.30286	0.133231	0.623914	-1.60279	0.183821	0.41739	2.41739	0.102384	1.6804	1.6804	2.08245	2.78088	1.18702	1
cg23043245	PACSIN1	0.157455	0.557516	0.8	1.18255	0.0654455	0.344122	2.18522	0.0825688	2.23658	2.23658	0.213965	1.64475	1.64475	0.104007	1.69888	1.69888	0.311584	3.2191	3.2191	0.0363175	1.44885	1.44885	0.244824	0.7979937	-1.25959	0.109651	1.5038	1.5038	2.08243	2.79193	1.12245	1
cg18784885	MYO16	0.157461	0.470449	0.700582	-1.42739	0.0642002	2.73993	2.73993	0.173389	2.01788	2.01788	0.555526	0.749032	-1.33506	0.0594337	0.356585	2.80438	0.114968	0.435754	-2.29488	0.717127	0.838337	-1.19284	0.933209	1.04146	1.04146	0.246388	0.555718	-1.79947	2.0824	7.74654	3.30667	1
cg13009361	C4A;C4B	0.157462	0.0698045	0.219774	-4.58769	0.342071	0.479278	-2.08647	0.119657	0.281239	-3.55595	0.860895	1.14086	1.14086	0.149257	0.312896	-3.19595	0.502479	0.599695	-1.66751	0.015644	0.107914	-9.26663	0.456029	0.56531	-1.76894	0.0604415	0.203777	-4.90732	2.0824	18.6168	7.94673	1
cg26446796	ZNF292	0.157462	0.0672067	0.49945	-2.00275	0.1942449	1.34771	1.34771	0.0834883	1.77589	1.77589	0.403401	2.25216	2.25216	0.0977252	1.70293	1.70293	0.0460508	2.19234	2.19234	0.0911477	1.93377	1.93377	0.389921	1.83137	1.83137	0.415321	1.77243	1.77243	2.11944	1.51846	1.21683	1.2824	2.0824	2.5859	1.26504	1
cg04432319	ISM1	0.157467	0.709728	0.814058	-1.22841	0.0297471	0.244755	-4.08572	0.896914	1.07393	1.07393	0.748143	0.837565	-1.19394	0.5246	0.701332	-1.42586	0.243653	1.95661	1.95661	0.0327818	0.2530553	-3.95174	0.213036	2.05765	2.05765	0.850292	0.901257	-1.10956	2.08236	9.98433	4.26196	1
cg16389910	TBC1D28;LOC91450;TBC1D28	0.157473	0.0723353	0.4661443	-2.14455	0.0257838	0.326668	-3.06187	0.0472312	0.521883	-1.91617	0.624273	1.17183	1.17183	0.409921	0.511996	-1.9525	0.932202	0.99742	-1.00334	0.917183	1.011143	1.011143	0.109402	1.02385	1.02385	0.113312	1.2053	1.2053	2.08249	0.394037	0.160221	1
cg01543176	NKX3-1	0.157474	0.827792	0.870915	-1.14822	0.305942	0.92156	1.92156	0.340464	1.83181	1.83181	0.331217	1.85472	1.85472	0.376556	0.10055	2.10055	0.380997	0.574823	-1.74007	0.0276427	0.3764111	-2.65611	0.0179967	0.0556768	0.967149	-1.03397	0.0844522	7.93059	2.08243	0.0	0.0	1
cg09878914	BAT1;BAT1	0.157474	0.0287614	0.314734	-3.17729	0.103625	0.450331	-2.22059	0.731468	0.847606	-1.17979	0.291115	0.611998	-1.63399	0.0532237	0.373656	-2.67626	0.23102	0.569412	-1.7562	0.0777554	0.4153943	-2.40765

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Proobset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1117 057 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 537T 37T vs. N)	Fold-Change(5377 vs. N)	p-value(5637 637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg13726887	PRDM12	0.157603	0.0627564	3.88382	3.85882	3.8628842	0.85567	1.35067	0.33044	1.91106	0.3709	1.91106	0.870398	0.900052	-1.11105	0.28486	0.488498	-2.04709	0.416555	0.585391	-1.70825	0.580521	0.697694	-1.43329	0.00745655	3.23111	3.23111	0.14594	2.7366	2.7366	2.08149	13.7109	5.85515	1
cg05045332	TNXB;TNXB	0.157604	0.919382	0.968308	-1.03273	0.980133	0.99211	-1.00795	0.771053	0.911356	-1.09727	0.820981	0.930438	-1.07476	0.0159889	0.39131	-2.55552		0.4892521	0.799744	-1.2504	0.12528	1.69523	1.69523	0.0807039	1.85186	1.85186	0.845242	0.939726	-1.06414	2.08149	3.33604	1.42464	1
cg02559896	ISG1C1	0.157604	0.31093	1.19864	1.19864	0.9678839	0.9930056	-1.00699	0.19558	1.26688	1.26688	0.263732	1.22305	1.22305	0.653476	1.08123	1.08123		0.0338187	1.5346	1.5346	0.125004	0.7505515	-1.33242	0.164376	0.77383	-1.29227	0.458126	0.877594	-1.13948	0.08149	0.98464	0.420486	1
cg20207276	SLC25A37	0.157604	0.124361	0.43215	-2.31401	0.667575	0.24341	1.24341	0.52617	2.73357	-1.38244	0.6030352	0.555268	1.30278	0.0051263	0.15208	-6.44078		0.5556578	0.740428	-1.3507	0.67661	0.8093693	-1.23553	0.750961	0.85168	-1.17435	0.357026	0.620248	-1.61226	0.08149	0.88126	0.57918	1
cg11762213	LING03	0.157605	0.0121309	0.496795	-2.0129	0.160094	0.718707	-1.39139	0.47141	0.848868	-1.17804	0.846727	0.957641	-1.04423	0.0231705	0.306383	0.566884	-1.76403	0.522815	0.86515	-1.15587	0.464651	0.846667	-1.1811	0.0949035	0.663327	-1.50755	0.615526	0.892925	-1.11991	0.081484	1.6491	0.70424	1
cg13897416	TROBP;TROBP	0.157605	0.4683193	0.843765	-1.18537	0.9346533	0.8181838	-1.22229	0.458595	1.18977	1.18977	0.820282	0.948959	-1.05379	0.42403	0.828629	-1.20681		0.10274	1.508317	1.508317	0.0287909	0.5523061	-1.81059	0.0534289	0.6034943	-1.65736	0.746087	0.927927	-1.07767	0.21454	1.14742	0.746238	1
cg25259697	MAD1L1;MAD1L1;MAD1L1	0.15761	0.543131	0.811546	-1.23222	0.143376	0.586564	-1.70484	0.0461352	0.460611	-2.17103	0.28728	0.687398	-1.45476	0.0210826	0.390191	-2.56285		0.713047	0.881406	-1.13455	0.6677263	0.4994441	-2.00224	0.942213	0.975706	-1.0249	0.0898831	0.530276	-1.88581	0.281545	3.79414	1.6203	1
cg03991021	BANP;BANP	0.157617	0.141588	0.597429	-1.67394	0.0265264	0.35617	2.35617	0.3592014	1.83083	1.83083	0.766716	0.907992	-1.10182	0.151731	0.606215	-1.64958		0.5584906	0.828744	-1.20664	0.1643401	0.6170194	-1.62065	0.46162	0.79295	-1.26166	0.367985	0.739806	-1.35171	0.28141	3.50129	1.49527	1
cg17390497	SPANXN5	0.157619	0.0408396	0.460873	-2.45737	0.572336	0.804711	-1.24268	0.154265	0.594725	-1.78739	0.425383	0.733456	-1.36343	0.716452	0.87031	-1.14902		0.83415	0.923259	-1.08312	0.360007	0.898806	-1.43101	0.00713772	0.262288	-3.75533	0.0418171	0.766555	-1.30435	0.104	4.78059	2.66419	1
cg26260794	TAP2;TAP2	0.157622	0.654497	0.931418	-1.07363	0.170873	1.25859	1.25859	0.0329408	1.48206	1.48206	0.166866	1.26168	1.26168	0.69714	1.06363	1.06363		0.9199555	0.984271	-1.01598	0.0766148	0.732978	-1.3643	0.630183	1.07952	1.07952	0.147185	1.27806	1.27806	2.08137	0.8200038	0.350212	1
cg13532751	KRAS;KRAS	0.157622	7	3.88382	3.88382	7	7	7	0.495527	1.44762	1.44762	0.826483	1.90539	1.90539	0.0377127	2.52602	2.52602		0.1653517	2.01566	2.01566	0.0139777	2.50903	2.50903	7	7	7	2.63155	4.34312	2.66419	7	1
cg09294580	CRTAP	0.157624	0.911422	0.977343	-1.02395	0.690757	-1.44808	0.196087	1.3285	1.3285	0.350823	0.819118	-1.22082	0.0380904	0.606824	-1.64793			0.187727	1.33653	1.33653	0.337188	0.8141663	-1.28225	0.321073	0.808145	-1.2374	0.17646	0.741868	-1.34795	0.208136	1.42316	0.60779	1
cg20160996	FERMT3;FERMT3	0.157623	0.486467	0.904227	-1.65503	0.651172	1.7184	1.7184	0.801886	1.19622	1.19622	0.834984	0.861897	-1.16023	0.00730161	0.085079	-1.17609		0.1515597	0.334606	-2.98805	0.374748	0.5325317	-1.91381	0.34096	0.416725	-2.39938	0.0192375	0.373976	-2.67397	0.082134	16.7332	7.34921	1
cg14997446	TAP2;TAP2	0.157631	0.245958	0.820427	-1.21888	0.37241	0.861246	-1.16111	0.562673	0.982825	-1.01747	0.399236	0.868687	-1.15116	0.02882119	0.656726	-1.5227		0.2127207	0.80728	-1.23873	0.1917788	0.7981961	-1.25283	0.969074	1.00634	1.00634	0.0120944	0.6002294	-1.66585	0.208132	0.8770074	0.374581	1
cg26796190	PYY;AGS	0.157632	0.094367	0.364518	-2.74335	0.406892	0.627747	-1.593	0.610221	1.32597	1.32597	0.0310244	0.41273	-2.41075	0.174585	0.453556	-2.2048		0.382038	0.611399	-1.63559	0.276126	0.537025	-1.86211	0.383839	1.6324	1.6324	0.447627	0.653937	-1.5292	0.28131	0.92795	4.24005	1
cg25450158	CLASP1;CLASP1;CLASP1	0.157637	0.211252	0.818751	-1.22137	0.251162	0.5568	-1.19956	0.0622227	0.57087	0.57087	0.0603504	0.669391	-1.50604	0.223553	0.823526	-1.21429	0.833561	0.9298556	-1.01247	0.0565129	0.720067	-1.38876	0.128228	0.759893	0.324541	1
cg19149140	NUP98;NUP98	0.157639	0.718065	0.907147	-1.10236	0.308956	1.32712	1.32712	0.325233	1.31394	1.31394	0.41708	0.800191	-1.2497	0.0111109	0.424997	-2.35296		0.531164	1.1859	1.1859	0.18714	1.45614	1.45614	0.548742	1.17714	1.17714	0.891203	0.963885	-1.03747	0.28127	2.38126	1.01701	1
cg20460779	PTAFR;PTAFR	0.157639	0.151973	0.669325	-1.49358	0.0238443	0.108533	1.63833	0.131136	0.681596	-1.46757	0.157537	0.699187	-1.43023	0.208049	0.730319	-1.36926		0.0747519	0.625032	-1.59992	0.0937875	0.646424	-1.54697	0.617842	0.887729	-1.12647	0.0178763	0.505851	-1.97687	0.208126	1.8899	0.789176	1
cg19956914	SUMF2;SUMF2;SUMF2;SUMF2;SUMF2	0.157644	0.651815	1.1585	1.1585	0.779858	1.08914	1.08914	0.0134452	2.55259	2.55259	0.0622227	0.57607	-1.74375	0.52475	0.984442	1.00596		0.5434455	0.968247	-1.46016	0.959336	0.984582	-1.01566	0.292972	0.717152	-1.3944	0.140494	1.52126	1.52126	0.126125	3.06125	1.30743	1
cg03631817	ARID5B	0.157641	0.0307727	0.384618	-2.59998	0.529698	0.786788	-1.27099	0.192866	0.595088	-1.68042	0.343346	0.692347	-1.44436	0.847524	1.0752	1.0752		0.65341	1.18559	1.18559	0.0137479	0.3175	-3.1496	0.790619	0.904634	-1.10542	0.24631	0.633402	-1.57878	0.08125	4.67598	1.99708	1
cg16642003	SEPT9;SEPT9	0.157644	0.0999558	0.687935	-1.45365	0.552144	0.382657	1.38257	0.0129294	0.284858	1.39439	1.28439	0.319465	0.833742	-1.20008	0.0962355	0.406519	-2.46088	0.486337	0.863477	-1.15811	0.215096	0.7606074	1.31494	1.31494	0.0647307	1.14044	1.14044	0.0921977	1.40908	2.40813	0.604248	1
cg27237508	FAM189A1	0.157649	0.441956	0.740132	-1.35111	0.793962	1.72879	1.72879	0.341492	1.45675	0.765855	0.891698	-1.12146	0.0462319	0.416221	-2.40257			0.36456	1.42091	1.42091	0.0420089	0.407286	-2.44528	0.469222	0.753804	-1.3266	0.542829	1.26672	1.26672	0.0812	4.85587	2.07396	1
cg20522475	TNXB;TNXB;TNXB	0.157653	0.0455876	0.398863	-2.50756	0.45439	0.942626	-1.06087	0.654798	0.824582	-1.21268	0.0174478	0.587339	-1.70217	0.0112091	0.377727	-2.64666		0.1475503	0.397004	-2.51866	0.0158366	0.4565187	-2.19068	0.0906631	-1.10298	0.0137479	0.0609782	-1.64064	0.0213677	0.0138	5.50486	2.24706	1
cg08072251	SLC6A1	0.157654	0.793221	1.07361	1.07362	0.00906921	0.407908	-2.45153	0.109476	0.623827	-1.60301	0.697328	0.899706	-1.11147	0.17038	0.673802	1.48412		0.375369	0.781909	-1.27892	0.0788246	0.588919	-1.69515	0.475969	0.820214	-1.21652	0.935204	1.02223	1.02223	0.08117	2.41013	1.02939	1
cg25367374	RDH12	0.157656	0.27524	1.40823	1.40823	0.0092307	0.369178	-2.70872	0.0566387	0.521672	-1.91691	0.514752	0.819362	-1.22046	0.909358	0.966236	-1.03494		0.506765	0.816163	-1.22525	0.680263	0.88252	-1.13312	0.408899	0.775124	-1.29012	0.101351	0.803182	-1.24495	0.208116	2.99795	1.28046	1
cg18781102	SURF6	0.157656	0.027028	0.46541	-2.14893	0.0135	0.0139	-1.79339	0.0622227	0.57607	0.57607	0.0603504	0.669391	-1.50604	0.223553	0.823526	-1.21429	0.833561	0.8289727	1.34808	1.34808	0.0115131	0.5412547	-1.84801	0.0196856	-1.01247	0.0565129	0.720067	-1.38876	0.128228	0.759893	0.324541	1
cg19602614	AKAP5	0.157661	0.556711	0.923497	-1.08284	0.160106	1.22255	1.22255	0.33154	1.14355	1.14355	0.670683	0.944342	-1.05894	0.118897	0.797223	-1.25435		0.2299659	0.884645	-1.13093	0.0694143	1.31251	1.31251	0.447734	0.901587	-1.10915	0.11217	1.26059	1.26059	0.08113	0.590861	0.252368	1
cg09985931	KCND1;IDN	0.157661	0.381424	1.49578	1.49578	0.1284443	0.18376	2.15176	0.0622227	0.5469	1.6469	0.1556556	1.39585	1.39585	0.1801	0.768933	-1.3101		0.169323	1.9284	1.9284	0.0135056	1.29545	1.29545	0.0137853	0.2183	2.19283	0.14336	2.20446	2.20446	0.08113	6.63024	2.8319	1
cg10746447	MAML2	0.157662	0.0273264	0.156171	-6.40323	0.185946	0.367982	-2.71082	0.957587	1.03854	1.03854	0.263687	0.621458	-1.60911	0.0514768	0.125155	-7.99011		0.3637771	0.514942	-1.94197	0.0987207	0.275976	-3.6235	0.354246	0.507762	-1.96943	0.277342	0.447811	-2.23309	0.08112	16.6672	7.11894	1
cg14390764	PTGIS	0.157664	0.3641831	0.8880552	-1.12606	0.138756	0.816358	-1.22495	0.630874	0.940221	-1.06358	0.137646	1.22576	1.22576	0.310804	1.14284	1.14284		0.9805361	1.00311	1.00311	0.015178	1.46193	1.46193	0.772887	1.03753	1.03753	0.669955	1.0561	1.0561	0.08111	0.534305	0.228214	1
cg18276759	CD47;CD47;CD47	0.157666	0.119391	1.43037	1.43037	0.454259	0.223437	1.82437	0.0622227	0.57607	0.57607	0.0603504	0.669391	-1.50604	0.223553	0.823526	-1.21429	0.833561	0.8289727	1.34808	1.34808	0.0115131	0.5412547	-1.84801	0.0196856	-1.01247	0.0565129	0.720067	-1.38876	0.128228	0.759893	0.324541	1
cg17356594	NAALADL2	0.157668	0.0450876	0.398863	-2.50756	0.45439	0.942626	-1.06087	0.654798	0.824582	-1.21268	0.0174478	0.587339	-1.70217	0.0112091	0.377727	-2.64666		0.1475503	0.397004	-2.51866	0.0158366	0.4565187	-2.19068	0.0906631	-1.10298	0.0137479	0.0609782	-1.64064	0.0213677	0.0138	5.50486	2.24706	1
cg21674491	ANKRD33B	0.157668	0.372878	0.840146	-1.19027	0.736751	0.937781	-1.06635	0.080069	0.609097	-1.44737	0.235442	1.26713	1.26713	0.183399	1.30833	1.30833		0.4588414	1.15445	1.15445	0.0381785	1.58006	1.58006	0.405111	1.17608	1.17608	0.365078	0.837615	-1.19387	0.08108	-1.19487	0.510362	1
cg03770787	ISG0C3	0.157669	0.256469	0.817468	-1.22329	0.0721457	0.710696	-1.40707	0.396775	0.862732	-1.15591	0.460008	1.13655	1.13655	0.956045	1.00942	1.00942		0.7273871	1.06136	1.06136	0.0759126	1.39949	1.39949	0.0505187	0.684195	-1.46115	0.317953	0.838916	-1.19201	0.08107	0.954285	0.407604	1
cg08451992	ARMC5;ARMC5	0.157671	0.6075677	0.884577	-1.13055	0.398771	0.8153	-1.22654	0.197926	0.88083	-1.13529	0.379257	0.9668	-1.03438	0.1088	1.10888			0.1726026	1.02814	-1.03014	0.916894	0.9744754	1.02814	0.945133	0.942134	-1.06142	0.864215	0.982608	-1.0177	0.08107	0.945115	0.347922	1
cg03559073	TBX5;TBX5;TBX5;TBX5	0.15767	0.257265	2.80807	2.80807	0.601852	0.631471	-1.58361	0.329553	0.415313	-2.40782	0.276573	0.372203	-2.6867	0.280926	0.375797	-2.66101		0.126013	0.235578	-4.24487	0.0197862	0.0856434	-11.6763	0.268017	0.365105	-2.73894	0.0579635	0.153863	-6.4993	0.08107	25.136	10.7364	1
cg13461609	TPST2;SIB	0.157675	0.0550645	0.354808	-2.81939	0.0194633	0.248703	-3.72158	0.0339053	0.227536	-4.39491	0.432115	0.527006	-1.89715	0.0197747	0.263355	-3.79577		0.0744372	0.254434	-3.93055	0.0138113	0.5773581	-1.73136	0.0127547	0.0613213	-3.72284	0.0115561	0.351364	-2.84605	0.08104	12.3243	5.12417	1
cg25923450	LOC401097;LOC401097	0.157676	0.113028	0.7659	-1.30565	0.612969	0.924156	-1.08207	0.478092	0.894472	-1.11798	0.979533	0.996042	-1.00397	0.6612566	0.912156	0.924842	-1.08127	0.995378	1.0009	0.641394	1.07522	1.0661655	1.07541	1.37541	0.5234	1.37541	0.5234	1.0222808	1.52867	1.52867	0.08103	0.778804	0.336603	1
cg07256869	EIF3	0.157678	0.152663	1.95693	1.95693	0.917657	1.04637	1.04637	0.438778	0.707424	-1.41358	0.375759	1.48946	1.48946	0.0907719	2.26295	2.26295		0.0891117	2.27448	2.27448	0.10646	2.1654	2.1654	0.0225397	3.31148	3.31148	0.256202	1.68111	1.68111	0.08101	6.3311	2.70437	1
cg24513270	TNNI3K;TNNI3K	0.157682	0.8526255	1.04788	1.04783	0.2152252	0.31482	-2.71382	0.0622227	0.57607	0.57607	0.0603504	0.669391	-1.50604	0.223553	0.823526	-1.21429	0.833561	0.8289727	1.34808	1.34808	0.0115131	0.5412547	-1.84801	0.0196856	-1.01247	0.0565129	0.720067	-1.38876	0.128228	0.759893	0.324541	1
cg24731111	CACNA1S	0.15768	0.444020	0.722593	-1.3839	0.059174	0.41187	-2.42795	0.0657036	0.229982	-4.34817	0.849193	0.923790	-1.08245	0.0725203	0.623217	-1.60458		0.4239381	0.711771	-1.40495	0.262584	0.8168648	0.9200096	-1.08684	0.800536	1.11117	1.11117	0.081	5.71385	2.44064	1
cg16441375	SARM1	0.157683	0.2407789	0.81803	-1.22273	0.183819	0.354439	-2.82135	0.0622227	0.57607	0.57607	0.0603504	0.669391	-1.50604	0.223553	0.823526	-1.21429	0.833561	0.8289727	1.34808	1.34808	0.0115131	0.5412547	-1.84801	0.0196856	-1.01247	0.0565129	0.720067	-1.38876	0.128228	0.759893	0.324541	1
cg03575602	CAMK1D;CAMK1D	0.157681	0.22416	0.720104	-1.38869	0.939956	0.980815	-1.01956	0.270738	0.34295	-2.91625	0.304	0.34295	0.20034	1.41601	1.41601	0.0665326	0.589313	-1.69741	0.869263	1.04327	0.34327	0.397261	0.800199	-1.24969	0.0274258	0.51127	-1.95591	0.764896	1.08017	1.08017	0.2811	2.17934	0.930894	1
cg12728621	COMT;COMT;COMT	0.157682	0.312237	1.90807	1.90807	0.749576	0.243625	2.63825	0.0170321	0.152611	6.55015	0.999573	1.00262	1.00262	0.0014677	0.186774	0.464096	-2.15516	0.581746	1.43237	1.43237	0.0290826	1.10265	1.10265	0.0107967	2.09773	2.78213	0.113176	2.9853	2.9853	0.08099	13.7492	5.87292	1
cg18455772	PKDREJ;PKDREJ	0.157687	0.3680512	0.8023	-1.24694	0.080449	0.585571	-1.70782	0.0957587	0.539725	0.509225	-1.96377	0.932665	0.0416	-1.07426	0.134006	-0.8965559	-1.11538	0.570788	1.14276	1.14276	0.0136403	0.8063343	0.800357	-1.24035	0.208096	1.37824	0.763854	1
cg09456905	SLC4A5	0.15769	0.619994	0.857889	-1.16565	0.0435359	0.490791	-2.03753	0.0182801	0.415479	-2.40686	0.299586	0.685486	-1.45882	0.216888	0.671374	-1.48948		0.655096	1.14783	1.14783	0.74654	1.10456	1.10456	0.557248	1.19962	1.19962	0.194491	0.656472	-1.52329	0.08094	3.09907	1.32379	1
cg09265563	FZD9	0.157693	0.0999558	0.687935	-1.45365	0.552144	0.382657	1.38257	0.0129294	0.284858	1.39439	1.28439	0.319465	0.833742	-1.20008	0.0962355	0.406519	-2.46088	0.486337	0.863477	-1.15811	0.215096	0.7606074	1.31494	1.31494	0.0647307	1.14044	1.14044	0.0921977	1.40908	2.40813	0.604248	1
cg26634121	GAUNS	0.157693	0.325962	0.816133	-1.22529	0.112705	0.707584	-1.41326	0.472009	0.863677	-1.15784	0.115758	0.709997	-1.40846	0.209212	0.76708	1.30364		0.479683	0.865936	-1.15482	0.037247	1.6232	1.6232	0.129836	1.7205	1.7205	-1.38793	0.802528	0.951041	-1.05148	0.08092	1.32267	0.564993	1
cg08059244	MIR576;FAM114A1	0.157695	0.781111	1.13186	1.13186	0.0959119	0.436607	-1.36607	0.115244	2.15894	2.15894	0.685712	0.832899	-1.20063	7	7	7		0.2109619	1.76855	1.76855	0.954171	1.02617	1.02617	0.676156	1.20629	1.20629	0.648328	0.725976	-1.37746	0.08064	5.96376	2.84349	1
cg10943072	SH2D4B;SH2D4B	0.157695	0.06151592	0.180789	-5.53107	0.0136	0.732102	-1.36593	0.0622227	0.57607	0.57607	0.0603504	0.669391	-1.50604	0.223553	0.823526	-1.21429	0.833561	0.8289727	1.34808	1.34808	0.0115131	0.5412547	-1.84801	0.0196856	-1.01247	0.0565129	0.720067	-1.38876	0.128228	0.759893	0.324541	1
cg05688617	NCK2;NCK2;NCK2	0.157696	0.604689	0.894062	-1.11849	0.471229	0.854571	-1.17018	0.803189	1.05495	1.05495	0.598754	0.892385	-1.12059	0.321676	0.80289	-1.2455		0.513034	0.872784	-1.14576	0.00582163	2.16923	2.16923	0.795737	0.945892	-1.0572	0.713677	1.08223	1.08223	0.0809	1.51536	0.647307	1
cg10559407	SLC10A7	0.157699	0.4909033	0.843765	-1.18537	0.9346533	0.8181838	-1.22229	0.458595	1.18977	1.18977	0.820282	0.948959	-1.05379	0.42403	0.828629	-1.20681		0.1023254	1.508317	1.508317	0.0287909	0.5523061	-1.81059	0.0534289	0.6034943	-1.65736	0.746087	0.927927	-1.07767	0.21454	1.14742	0.746238	1
cg17198762	LOC390594	0.157699	0.0639936	3.27927	3.27927	0.090288	1.89485	1.89485	0.186473	2.21996	2.21996	0.40481	1.62477	1.62477	0.0822088	2.99339	2.99339		0.4363618	1.57177	1.57177	0.110932	2.68833	2.68833	0.0181288	5.12435	5.12435	0.155789	2.37441	2.37441	2.08088	10.6861	4.56478	1
cg20501251	Clorf35	0.157705	0.304703	0.955855	-1.04618	0.0946185	1.24341	1.24341	0.0633549	1.28071	1.28071	0.579117	0.93572	-1.0687	0.175614	1.1822	1.1822		0.8007872	0.98032	-1.02006	0.963245	0.9308885	-1.11001	0.0877133	1.22024	1.22024	0.0512087	1.29955	1.29955	0.08088	0.643404	0.197952	1
cg01550915	ABCA3	0.15769	0.015789	1.4387	1.4387	0.319631	1.13484	1.13484	0.598721	1.06749	1.06749	0.545474	0.92751	-1.07816	0.0923941	0.874269	-1.14381		0.5613684	0.930318	0.930318	-1.0749	0.2607224	1.1552	1.1552	0.0970202	0.84902	-1.17783	0.0845057	1.30705	1.30705	0.08079	0.547874	0.234045	1
cg18113787	MED17;MED17	0.157702	0.473996	0.881301	-1.13469	0.867931	1.0291	1.0291	0.576642	0.906765	-1.10282	0.351459	0.846709	-1.18104	0.062028	1.43993	1.43993		0.183128	1.27775	1.27775	0.607361	0.9319889	-1.0914	0.0261829	0.612713	-1.58049	0.502952	1.1252	1.1252	0.08086	0.992326	0.423896	1
cg06397244	MBNL2;MBNL2	0.157702	0.525213	1.19085	1.19085	0.620974	0.67317	-1.48832	0.778513	0.708555	-1.25226	0.378717	0.986554	-1.01099	0.213133	1.13455	1.13455		0.5847798	1.81884	1.81884	0.0992565	1.5287	1.5287	0.537764	1.15447	1.15447	0.156467	1.14242	1.14242	0.74389	1.74382	0.74389	2
cg03624994	ZDHHC19	0.157703	0.986756	0.997266	-1.00274	0.965431	1.00717	1.00717	0.184749	0.792956	-1.2611	0.193947	1.25441	1.25441	0.692429	1.06772	1.06772		0.204944	1.2468	1.2468	0.0121676	1.67419	1.67419	0.986552	1.00278	1.00278	0.316863	0.843117	-1.18608	0.08086	2.8963364	0.382904	1
cg10277117	PRPF6	0.157704	0.6205364	0.887116	-1.12707	0.567071	0.871892	-1.14707	0.0998594	0.719854	1.38915	0.107354	0.914616	-1.0771	0.319022	1.0699	1.0699		0.5934453	1.1455	1.1455	0.0398001	0.8555502	-1.16895	0.0425819	1.1251	1.1251	0.0398001	0.8555502	-1.16895	0.0425819	1.1251	1.1251	0.0398001	0.8555502	-1.16895	0.0425819	1.1251	1.1251	0.0398001	0.8555502	-1.16895	0.0425819	1.1251	1.1251	0.08086	0.992326	0.423896	1
cg23544545	C3orf38;C3orf38	0.157709	0.624106	-1.91044	-1.09837	0.439928	1.1614	1.1614	0.0167314	1.74161	1.74161	0.0752235	0.68638	-1.45692	0.634498	0.913035	-1.09525		0.4648954	1.8682833	-1.15176	0.4648985	0.8693944	-1.15023	0.265902	0.802333	-1.24637	0.895724	1.02522	1.02522	0.08082	1.18931	0.508052	1
cg19585103	SKAP1;SKAP1;SKAP1;SKAP1	0.157711	0.0469419	10.9514	10.9514	0.784531	1.13434	1.13434	0.924881	1.10293	1.10293	0.444837	0.440553	-2.26988	0.0920913	0.14207	-7.03879		0.781098	1.34068	1.34068	0.623152	1.68412	1.68412	0.704506	1.4933	1.4933	0.0269839	15.7417	15.7417	0.08081	36.501	15.5926	1
cg06358702	FAM129A	0.157713	0.2678781	0.560089	-1.78494	0.0729334	0.164721	-2.44254	0.0622227	0.57607	0.57607	0.0603504	0.669391	-1.50604	0.223553	0.823526	-1.21429	0.833561	0.8289727	1.34808	1.34808

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1-vs-1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ILMN_1651216	DSE,DSE	0.1578861	0.0206931	0.697736	-1.4976	-3.32139	1.16011	1.16011	0.912658	1.03603	1.01603	0.499194	0.905338	-1.10456	0.0241469	0.677208	-1.47565	0.624696	0.930999	-1.07412	0.75019	1.0474	1.0474	0.470187	0.899013	-1.11233	0.301947	0.856385	1.1677	2.07969	0.692228	0.295868	1
ILMN_1005211	MMD	0.157887	0.591179	0.863581	-1.15797	2.720103	1.10225	1.10225	0.393604	1.26665	1.26665	0.0264068	0.20824	2.03824	0.456529	0.814554	-1.22767	0.165309	0.670117	-1.49228	0.170135	0.673547	-1.48468	0.235312	0.714306	-1.39996	0.277772	1.35703	1.357003	0.740968	2.40991	1.03003	1
ILMN_2463816	PTMA,PTMA	0.157888	0.161094	1.18681	1.18681	1.163429	0.843504	-1.18553	0.638928	0.947362	-1.05556	0.504211	1.08064	1.08064	0.591456	1.06396	1.06396	0.880332	0.98291	-1.01739	0.0142113	1.41355	1.41355	0.335421	0.892563	-1.12037	0.507691	0.925984	-1.07993	2.07968	0.43123	0.184315	1
ILMN_1537032	MYST2	0.157891	0.342586	0.486099	-2.05139	0.00786338	0.0813321	-12.2808	0.0662113	0.239547	-4.55482	0.814131	1.18922	1.18922	0.207533	0.376082	-2.65898	0.218401	0.385738	-2.59243	0.287791	0.449333	-2.25259	0.504818	0.607763	-1.64538	0.947578	1.04957	2.07965	0.74018	2.57384	0.722356	1
ILMN_1659298	SHROOM3	0.157892	0.158502	2.32682	2.32682	0.361865	1.69061	1.69061	0.0834753	0.341858	-2.92519	0.631327	1.3111	1.3111	0.0919721	0.353709	-2.82719	0.210894	2.09285	2.09285	0.859602	1.10428	1.10428	0.0974111	0.27704	2.77048	0.35607	1.70203	1.702033	2.07965	0.3138	4.41871	1
ILMN_2070690	ANPEP	0.157894	0.928593	1.03307	1.03307	0.478839	1.29861	1.29861	0.743982	1.14691	0.4193562	0.741323	-1.94894	0.753292	0.12134	1.12134	0.0153381	0.339468	-2.94578	0.620985	1.19826	1.19826	0.104402	0.525057	-1.90456	0.079621	0.409358	-2.02602	0.293841	0.6735591	-1.48465	2.07964	4.33841	1.85434	1
ILMN_1750121	RPS6KA2,RPS6KA2	0.157897	0.457603	0.69983	-1.42892	0.00892984	4.80431	4.80431	0.701193	1.19952	1.19952	0.862899	1.08497	1.08497	0.527991	0.735065	-1.35214	0.0698508	2.60264	2.60264	0.26845	0.526867	1.35328	1.35328	0.334411	1.59958	1.59958	0.3605002	1.55825	1.55825	0.07962	7.33296	3.13432	1
ILMN_2220165	SLC5A10,SLC5A10,FAM83G	0.157909	0.827547	1.15947	1.15947	0.0237263	6.95002	6.95002	0.159921	2.21882	2.21882	0.153413	2.81981	2.81981	0.687395	1.31565	1.31565	0.107876	3.28642	3.28642	0.0652325	1.99385	1.99385	0.0298346	5.662453	5.662453	0.0845329	3.64719	3.647193	2.07954	15.1477	6.47483	1
ILMN_1818362	GPR155,GPR155	0.157912	0.6840679	1.87977	1.87977	0.296938	1.42913	1.42913	0.264248	1.46849	1.46849	0.243853	1.59385	1.59385	0.183156	1.39955	1.39955	0.645088	1.85808	1.85808	0.0629207	1.99541	1.99541	0.0198613	2.53052	2.53052	0.0179252	3.59082	3.59082	1.5349	1
ILMN_2090258	CCDC6	0.157913	0.743677	0.896314	-1.11568	0.0121598	2.83656	2.83656	0.428895	1.30921	1.30921	0.595708	0.8364	-1.1956	0.295786	0.696499	-1.43575	0.26389	0.678053	-1.47481	0.164145	0.609413	-1.64092	0.857987	1.06158	1.06158	0.586031	0.832387	-1.20136	2.07951	3.66559	1.56686	1
ILMN_2547236	DOCK1	0.157914	0.147882	0.559103	-1.78846	0.00388398	3.44666	3.44666	0.0842778	0.4617	2.16554	0.0473207	0.3026	3.30261	0.128122	0.540886	-1.84907	0.293539	0.664933	-1.50391	0.0425602	0.417075	2.39765	0.430577	0.540886	-1.84907	0.0425602	0.417075	2.39765	0.430577	4.01947	0.97464	1
ILMN_1800746	TLL1	0.157924	0.805533	1.03372	1.03372	0.676936	0.945222	-1.05795	0.979171	0.996496	-1.00352	0.457675	1.07031	1.07031	0.930324	0.988344	-1.01179	0.715541	0.951983	-1.05044	0.00343518	0.586046	-1.70635	0.881213	0.980096	-1.02031	0.867444	0.977791	-1.02271	0.27444	0.595335	0.254485	1
ILMN_2440263	ATP11A,ATP11A	0.157929	0.799047	1.13217	1.1321	0.713284	0.816562	-1.19661	0.0266077	0.278623	-3.58845	0.645327	1.25439	1.25439	0.108468	0.429238	-2.32936	0.3159	1.55587	1.65587	0.2203281	1.87164	1.87164	0.119334	1.193934	1.193934	0.0062711	0.424597	-2.35518	0.27444	7.79033	3.33009	1
ILMN_1238599	TRIO	0.157929	0.106096	1.89497	1.89497	0.991555	0.996175	-1.00384	0.0402867	0.826873	-1.20938	0.814861	1.77178	1.77178	0.14893	1.75171	1.75171	0.179873	1.67507	1.67507	0.0124815	1.08241	1.08241	0.168125	1.70227	1.70227	0.49936	1.2819	1.2819	0.27942	4.31966	1.84653	1
ILMN_1806853	ICAM3	0.157932	0.174169	0.715782	-1.39707	0.52825	0.862606	-1.15928	0.0127737	0.488742	-2.04523	0.304884	0.78211	-1.27859	0.410386	1.21497	1.21497	0.443137	0.834555	-1.19825	0.0497028	0.595807	-1.67839	0.24757	0.756066	-1.32264	0.282427	0.772332	-1.2948	0.7994	1.76198	0.753202	1
ILMN_2063758	BNIP2	0.157933	0.745953	1.34508	1.09363	0.254644	1.72821	1.72821	0.178374	1.33884	1.0384	0.522491	1.85146	1.17445	0.52752	1.17212	1.17212	0.257031	1.54666	1.14308	0.291145	0.760236	1.31227	0.943616	1.47676	1.47676	0.0352855	1.83718	1.83718	0.19319	2.02699	0.86469	1
ILMN_2127558	ODZ2	0.157936	0.641888	0.719052	-1.39072	0.0133124	2.85823	2.85823	0.0940523	3.6563	3.6563	0.854508	0.878741	-1.13799	0.181294	0.3681	-2.71665	0.477567	1.66283	1.66283	0.395144	1.8465	1.8465	0.617943	0.7018	-1.42491	0.882554	0.901133	-1.10971	2.07937	16.3319	6.98157	1
ILMN_2540728	MEQ1	0.157938	0.0323445	0.75693	-1.32113	0.367763	1.10829	1.10829	0.502463	1.07857	1.07857	0.182151	0.854387	-1.17043	0.984118	0.997799	-1.00221	0.550713	0.935109	-1.06939	0.128423	0.833075	-1.20037	0.661117	1.05025	1.05025	0.0290195	1.22228	1.22228	0.29336	0.40674	0.173874	1
ILMN_2540729	AIMP1,AIMP1;TBCK;TBCK,AIMP1;TBCK;	0.157939																										
ILMN_2018594	AIMP1;TBCK	0.157944	0.0405899	1.44155	1.44155	0.407003	0.87705	-1.14019	0.325528	1.17001	1.17001	0.612768	0.924096	-1.08214	0.825196	1.03481	1.03481	0.225964	0.821472	-1.21733	0.16168	0.793631	-1.26003	0.164108	1.25813	1.25813	0.143277	1.27543	1.27543	0.79332	0.787788	0.336772	1
ILMN_2700176	GPC5	0.157944	0.134483	1.254415	-1.93958	0.0923264	1.60165	1.60165	0.446705	1.94954	1.94954	0.0903364	0.302276	-1.10833	0.0537388	1.54122	1.54122	0.38792	1.68203	1.68203	0.0154228	0.0802935	-12.4543	0.0885541	0.987883	-1.01227	0.2132	0.128558	3.0436	2.07911	23.7412	10.1492	1
ILMN_2019348	ZNF638;ZNF638	0.157945	0.256681	0.767146	-1.30353	0.469588	0.848123	-1.17907	0.841408	0.956134	-1.04588	0.192533	0.734312	-1.36182	0.0690834	0.634168	-1.57687	0.17762	0.725578	-1.37821	0.00992229	0.482242	-2.07365	0.0764722	0.643234	-1.55464	0.484764	0.853025	-1.1723	2.07931	1.65098	0.70578	1
ILMN_2298534	TINF2,TINF2	0.157945																?	?	?	?	?	?	?	?	?	?	?
ILMN_2715224	KCNJ4,KCNJ4	0.157945	0.109556	0.456608	-2.19006	0.0184736	0.276915	-3.61122	0.0355626	0.333057	-3.00249	0.989281	0.993982	-1.00605	0.115675	0.463746	-2.15635	0.236002	0.572352	-1.74718	0.254625	0.585973	-1.70656	0.16467	0.513696	-1.94668	0.397105	0.677309	-1.47643	0.27931	0.64922	2.84249	1
ILMN_2099763	TSCC3	0.157951	0.157095	0.387765	-2.64771	0.017907	0.22709	-4.40354	0.043752	0.302946	-3.30092	0.126614	0.426847	-2.34276	0.127867	0.42913	-2.3303	0.312794	0.583971	-1.71241	0.147869	0.449395	-2.22521	0.718952	0.830127	-1.20464	0.480651	0.691188	-1.44678	0.79228	0.74084	3.7367	1
ILMN_2143003	ATF6B,ATF6B;FKBPL	0.157955	0.0350369	0.6414409	-1.55921	0.0145386	0.2287	-4.37341	0.0165614	0.326539	-3.06242	0.289351	0.252561	-3.95945	0.0327952	0.397934	-2.51384	0.247422	0.608455	1.64357	0.0066043	0.243727	4.10265	0.0242955	0.407974	2.45112	0.0179227	0.0801758	2.45112	0.0179227	0.0801758	2.45112	0.0179227	0.0801758

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(1537 vs. N)	Fold-Change(5 p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
gi27108030	GNG7	0.151868	0.147287	1.3636	1.3636	0.251201	1.70709	1.27009	0.048595	1.56716	1.56716	0.406127	1.18467	1.18467	0.311761	1.22103	1.22103	0.09099556	1.4496	1.4496	0.240129	1.26396	0.02857377	0.57419	0.035183	1.63116	1.63116	2.07789	1.30886	0.559913	1
gi25949304	PCDHGA4,PCDHGA12:PCDHGA11,PCDHGA11,PCDHGA8,PCDHGB3,PCDHGB7,PCDH	0.15817	0.465227	1.54652	1.54652	0.989458	0.992279	-1.00778	0.38364	0.592098	-1.68891	0.435477	1.59484	1.59484	0.0581193	0.284683	-3.51268	0.05148834	3.67134	3.67134	0.471983	0.651028	-1.53603	0.3107601	0.64008	0.2705	0.603907	0.534002	-1.87265	0.77088	11.326	4.84511	1
gi13067816	GSTTP2	0.15817	0.119585	0.513381	-1.94787	0.343536	0.683311	-1.46992	0.296478	0.622544	-1.53317	0.295826	0.651841	-1.53412	0.0788321	0.260881	-3.8405	0.1006159	0.498098	-2.00523	0.4140481	0.717297	-1.39412	0.0952592	0.485003	-2.06184	0.207885	0.592018	-1.68914	0.27588	1.52868	2.19398	1
gi27086564	BCAS3;BCAS3	0.158177	0.75429	1.09628	1.09628	0.2209459	0.443363	-2.25549	0.228831	0.690914	-1.44736	0.189744	1.50177	1.50177	0.85698	1.05424	1.05424	0.17777	1.52087	1.52087	0.237193	1.437	1.437	0.9150331	1.03174	1.03174	0.3703305	0.763876	-1.30911	0.27783	2.8207	1.20669	1
gi14094793	HIP0	0.158179	0.310126	0.831582	-1.20253	0.074835	0.705794	-1.41684	0.0285087	0.635165	-1.5744	0.828396	1.03872	1.03872	0.0830116	0.713875	-1.4008	0.645868	1.08464	1.08464	0.243646	1.2389	1.2389	0.343924	0.842651	-1.18673	0.873667	1.02772	1.02772	0.87282	1.01476	0.434115	1
gi93122669	HOXC9	0.158179	0.512465	1.5809	1.5809	0.58375	1.46581	1.4658	0.93712	1.20665	1.09068	0.98641	1.08294	1.03334	0.1799001	0.373519	-2.67585	0.2413975	0.4284186	2.33457	0.2678	0.2357878	0.2310412	0.97058	0.37058	0.505265	1.59577	1.59577	0.7282	15.7281	6.72846	1
gi10214456	ADAP1	0.15818	0.151325	0.484134	-2.06554	0.41933	0.677531	-1.47595	0.136963	0.469631	-2.12933	0.682723	0.823745	-2.12397	0.0153536	0.24568	-4.07034	0.421324	1.47338	1.47338	0.0740905	0.390991	-2.55761	0.782389	0.877543	-1.13955	0.147305	0.480163	-2.08263	0.07781	7.32484	3.13356	1
gi56189346	SHANK1	0.158183	0.145039	0.332405	-3.00824	0.111548	0.295328	-3.38607	0.0495318	0.206601	-4.84026	0.15722	0.344921	-2.89938	0.0158119	0.154859	-6.00906	0.136593	0.323491	-3.09127	0.139	0.331536	-3.01722	0.482379	0.660205	-1.65276	0.374061	0.526192	-1.90045	0.078761	16.2966	6.97172	1
gi25941751	FGA3	0.158183	0.473681	0.770684	-1.29755	0.687423	0.963555	1.06355	0.650356	0.894402	-1.17724	0.0550197	0.459321	-2.17713	0.0973015	0.521669	-1.91685	0.746734	0.890587	-1.12285	0.31114	1.45459	0.454359	0.341283	1.42001	1.42001	0.206361	0.620877	-1.61062	0.27081	4.20809	1.80023	1
gi14997704	RBPMS;RBPMS;RBPMS;RBPMS	0.158183	0.992614	0.998478	-1.00152	0.611295	0.919113	-1.00801	0.717815	0.940205	-1.06154	0.663737	1.07464	1.07464	0.15785	1.28211	1.28211	0.6245509	0.6435551	-1.55388	0.0415276	0.679232	-1.47235	0.3067163	0.880218	-1.13599	0.958475	1.00861	-1.00861	0.9728	0.891223	0.581268	1
gi21002528	CRY2;CRY2	0.158183	0.184348	0.439501	-2.27531	0.0153161	5.68617	5.68617	0.857636	1.11053	1.11053	0.760484	0.836512	-1.19544	0.228441	0.478062	-2.09178	0.897613	1.07806	1.07806	0.148624	0.404744	-2.4707	0.723384	1.23058	1.23058	0.360189	0.577395	-1.73192	0.2778	11.2174	4.79883	1
gi09754671	SNX9	0.158185	0.084925	0.663533	-1.50708	0.654664	0.907588	1.10182	0.0854405	1.50585	1.50585	0.207277	0.751016	-1.33153	0.0362714	0.592054	-1.68904	0.536908	0.874044	-1.14411	0.412134	1.19787	1.19787	0.810403	0.834805	1.04707	1.04707	0.404889	0.833262	-1.2014	0.279778	1.52547	0.652605	1
gi30609493	MIR572	0.158186	0.204944	1.8865	1.8865	0.343557	0.629387	-1.58885	0.332609	0.622306	-1.60693	0.992909	1.00423	1.00423	0.461458	1.42732	1.42732	0.7351	1.17488	1.17488	0.0131595	0.3053	0.3053	0.0858842	0.46161	2.16641	0.184171	0.71424	1.40124	1.37059	7.41124	3.17059	1
gi24702314	VCL;VCL	0.158188	0.0691651	0.209146	-4.78136	0.0265524	0.132232	-7.56244	0.114456	0.266822	-3.74775	0.417001	0.528185	-1.89328	0.202925	0.355459	-2.81326	0.0996995	0.249468	-4.00852	0.0418124	0.164407	-6.08247	0.141887	0.296631	-3.3712	0.286443	0.426628	-2.34396	0.27776	19.487	8.33673	1
gi18021935	RASA3	0.158189	0.685089	0.950798	-1.052	0.657465	1.11435	1.11435	0.511653	1.17528	1.17528	0.559035	1.25712	1.25712	0.0880013	1.57739	1.57739	0.334151	1.27339	1.27339	0.0159658	0.4739745	-2.03883	0.741383	0.92279	-1.08367	0.596367	0.878317	-1.13847	0.27275	1.93753	0.828731	1
gi13092939	PDGFRA	0.158192	0.407484	0.802411	1.24624	0.583869	0.792891	-1.26121	0.517864	0.84437	-1.18572	0.00344797	0.356333	-2.80636	0.763969	0.924744	-1.08138	0.2395506	0.726147	-1.37713	0.625475	0.880027	-1.13633	0.241567	0.727258	-1.37503	0.318119	0.709358	-1.40909	0.27773	2.2251	0.890241	1
gi13974534	FXN;FXN;FXN	0.158194	0.3114	0.514938	-1.94198	0.120342	2.90892	2.90892	0.333928	1.88057	1.88057	0.849821	0.886806	-1.12764	0.021327	0.17318	-5.77435	0.139033	0.364538	-2.7432	0.227709	0.44822	-2.23105	0.692351	0.777224	-1.28663	0.531001	0.668866	-1.49507	0.27773	13.216	5.65405	1
gi22907237	C7orf50;C7orf50;C7orf50	0.158201	0.117614	0.759913	-1.31625	0.308951	0.705538	-1.41736	0.0229648	0.660243	-1.51321	0.169739	0.786881	-1.27094	0.251639	0.511	-1.95695	0.154467	0.354	-2.82486	0.0116	0.0254	-39.3701	0.0097403	0.14201	-7.04254	0.427399	0.14201	-7.04254	0.427399	0.14201	0.603166	0.917642	-1.08975	0.27768	0.8836091	0.378067	1
gi70858195	COL23A1	0.158201	0.078917	0.0441177	-22.6666	0.462801	0.302536	-3.30539	0.730254	0.574847	-1.73959	0.385238	0.240755	-4.15359	?	?	?	0.187642	0.107137	-9.33382	0.0174903	0.00978794	-102.167	0.0501489	0.0280911	-35.5984	0.211671	0.121882	-8.20464	0.09331	75.4067	36.0226	1
gi56184056	FBXO32;FBXO32	0.158201	0.754081	1.04918	1.04918	0.0491214	1.34004	1.34004	0.66324	1.04453	-1.05887	0.807679	0.964719	-1.03229	0.142174	0.814137	-1.22829	0.803578	0.968046	-1.03301	0.0610615	1.31664	1.31664	0.930233	1.13989	1.13989	0.119321	0.818652	-1.22054	0.27768	0.5588003	0.239071	1
gi22288345	GFRA3;GFRA3	0.158206	0.383716	0.865704	-1.15531	0.797793	1.04232	1.04232	0.815629	0.962901	-1.03843	0.203233	0.805048	-1.24216	0.0479891	0.11232	0.11232	0.6705113	0.933237	-1.07154	0.0053474	0.553018	-1.8082	0.566913	0.99796	-1.00796	0.537412	0.931129	-1.09514	0.27765	0.857787	0.366091	1
gi20294885	FAM98A	0.158206	0.65282	1.09276	1.09276	0.214852	0.774305	-1.29148	0.3484	0.827682	-1.20819	0.426299	1.1725	1.1725	0.745824	1.06579	1.06579	0.51382	0.878349	-1.1385	0.00880644	1.92208	0.596351	0.900577	-1.1104	0.434424	1.16911	1.16911	0.27765	1.26287	0.5403	1
gi15809352	GU2	0.158209	0.0194475	0.307016	2.80095	0.186874	0.606447	-1.66543	0.652712	1.17983	-1.7957	0.290489	0.670502	-1.49175	0.170709	0.574767	-1.73984	0.425934	0.702428	-1.42375	0.0887702	0.949817	-1.05283	0.0247689	0.377409	-2.64964	0.207663	0.473738	-2.11197	0.27765	0.225222	0.46497	1
gi12308391	NCAM1;NCAM1	0.158211	0.214142	3.24409	3.24409	0.802289	0.797925	-1.25325	0.330379	0.405054	-2.46881	0.247182	2.97048	2.97048	0.504952	1.8381	1.8381	0.544048	1.73765	1.73765	0.599481	1.61091	1.61091	0.0101642	18.4795	18.4795	0.0816018	5.67833	5.67833	0.07762	26.6398	11.3976	1
gi84479603	ARTN;ARTN2;PQLC2;PQLC2;PQLC2	0.158212	0.0860389	1.86893	1.86893	0.123257	1.37975	1.37975	0.231683	1.54687	1.54687	0.68657	1.13439	1.13439	0.360792	1.35587	1.35587	0.0949565	1.83407	1.83407	0.0230075	0.49077	2.45657	0.0394871	0.19734	5.06777	0.0839871	0.19734	5.06777	0.0839871	0.19734	0.359153	0.53816	1
gi13140991	SYNGAP1	0.158215	0.288721	0.485075	-2.06154	0.515309	0.54241	-1.84241	0.210923	0.33676	-2.9676	0.306153	0.155711	0.155711	0.0552057	0.235081	4.25386	0.38859	0.59656	-1.67581	0.0625191	0.252342	-3.96267	0.127267	0.385453	-2.59435	0.153423	0.365363	-2.737	0.27759	14.198	6.07454	1
gi06090383	SAP30	0.158216	0.920814	0.987524	-1.01263	0.103126	0.79843	-1.25246	0.8111114	0.970223	-1.03069	0.191534	0.839809	-1.19075	0.890361	1.01757	1.01757	0.2126698	1.18024	1.18024	0.0880865	1.26826	1.26826	0.296525	1.14644	1.14644	0.0552177	1.31576	1.31576	0.27758	0.5245545	0.224425	1
gi18754142	GUCY2C	0.158224	0.916988	1.04236	1.04236	0.33805	1.45931	1.45931	0.0515124	1.28753	1.28753	0.233235	0.663243	-1.50321	0.169739	0.786881	-1.27094	0.2579506	0.510224	-1.95972	0.0242	0.0185	-54.0541	0.0074074	0.01796	-55.6793	0.0075	0.01796	-55.6793	0.0075	0.01796	0.0883691	0.378067	1
gi05615150	ARPP-21	0.158225	0.102614	0.232294	-4.47841	0.173986	0.296415	-3.37264	0.592715	1.5734	1.5734	0.395803	0.981914	-1.01838	0.287504	0.585952	-1.70648	0.2139674	0.263377	-3.79685	0.0320854	0.122517	-8.2293	0.0709547	0.183877	-5.43843	0.29847	0.404678	-2.4711	0.27753	23.1853	9.92005	1
gi21208880	GRIA3;GRIA3	0.158226	0.0932329	0.191374	3.35074	0.0997204	0.144213	-6.93223	0.0813741	0.132111	-7.56866	0.0266354	0.0998153	0.0998153	0.0260985	0.0998153	-10.0153	0.0741466	0.0993	-10.0701	0.0260961	0.0998153	-10.0959	0.0260961	0.15388	6.49844	0.0260961	0.15388	6.49844	0.0260961	0.15388	0.0880744	0.0860522	-11.6215	0.27752	0.1247413	0.247473	1
gi03731740	YTHDF2	0.158228	0.685233	1.26827	1.26827	0.373726	1.70321	1.70321	0.0867565	3.01393	3.01393	0.257075	1.99336	1.99336	0.0470274	3.76474	3.76474	0.2830225	1.91656	1.91656	0.0130288	6.02919	6.02919	0.107892	2.78183	2.78183	0.242553	2.04063	2.04063	0.27751	11.191	4.78821	1
gi05247914	FXYD1;FXYD1	0.158228	0.346832	0.666153	-1.5007	0.0109378	0.262288	-3.8126	0.0476135	0.387012	-2.5839	0.399706	0.696801	-1.43513	0.0809023	0.444396	-2.25025	0.234073	0.592905	-1.68661	0.212586	0.576875	-1.73348	0.179585	0.550292	-1.81722	0.411882	0.703572	-1.42132	0.27751	5.77753	2.47199	1
gi21770102	SERF1	0.158236	0.842313	1.09705	1.09705	0.0659392	0.655155	-1.52655	0.133891	0.378154	-2.64496	0.0966753	0.276375	0.276375	0.0266455	0.164723	-6.07287	0.1031385	0.143204	-6.98473	0.0139	0.0139	-71.9424	0.0041237	0.143056	-6.99241	0.0025	0.143056	-6.99241	0.0025	0.143056	0.0784547	0.0684174	-12.1025	0.27746	0.0263746	0.603814	1
gi22049936	PTAFR;PTAFR;PTAFR;PTAFR	0.158241	0.0258859	0.240831	-4.15228	0.834145	0.89328	-1.11947	0.310937	0.568777	-1.75816	0.852625	0.929888	-1.0754	0.302858	0.563018	-1.77614	0.766193	0.851715	-1.1741	0.0105449	0.176964	-5.65087	0.462439	0.66857	-1.49573	0.187838	0.471801	-2.11954	0.27743	9.53158	4.07837	1
gi56409542	ISM2;ISM2	0.158242	0.0128879	0.0161664	61.8824	0.0161664	0.134246	7.37446	0.964489	0.975274	-1.02535	0.402966	0.5699	1.7545	0.0902163	2.65079	2.65079	0.0508389	0.14831	-6.74266	0.0015	0.0015	-666.667	0.0001501	0.00983	-101.735	0.0015	0.00983	-101.735	0.0015	0.00983	0.0015	0.0015	0.27743	0.0015	0.0015	0.443461	1
gi81500830	CAMK1D;CAMK1D	0.158244	0.282701	0.818424	-1.22186	0.282165	0.818227	-1.22215	0.635294	1.08955	1.08955	0.285171	0.819329	-1.22051	0.861166	0.969066	-1.03192	0.213109	0.790284	-1.26537	0.0142204	0.120498	-8.29756	0.0432626	0.14304	-6.99161	0.0024	0.14304	-6.99161	0.0024	0.14304	0.060115	0.453621	1
gi94920575	AGAP1;AGAP1	0.158244	0.396264	1.27567	1.27567	0.0358839	1.98211	1.98211	0.0397369	1.94719	1.94719	0.165153	1.51427	1.51427	0.101457	1.65296	1.65296	0.0573834	1.82654	1.82654	0.0831957	1.71178	1.71178	0.238949	1.4129	1.4129	0.225626	1.42851	1.42851	0.27741	2.58426	1.10576	1
gi50944496	AGPAT4	0.158246	0.954366	1.03242	1.03242	0.0621937	1.18494	1.18494	0.0922727	1.08143	1.08143	0.0796462	1.01403	1.01403	0.0902163	1.83079	1.83079	0.0720157	1.38587	1.38587	0.0230075	0.49077	2.45657	0.0394871	0.19734	5.06777	0.0839871	0.19734	5.06777	0.0839871	0.19734	0.359153	0.53816	1
gi18721752	PTPN2;PTPN2;PTPN2	0.158247	0.661348	1.20402	1.20402	0.598059	1.25117	1.25117	0.0765859	0.636197	-2.29253	0.17002	0.540334	-1.85071	0.882846	1.06408	1.06408	0.336393	0.658697	-1.51815	0.0256085	0.105545	0.30545	0.66775	0.833701	-1.19947	0.312476	0.55281	1.55281	0.27739	5.83688	2.49753	1
gi69263526	AGXL1;AGXL1	0.158248	0.104903	0.197249	5.06821	0.188676	0.606447	-1.66543	0.652712	1.17983	-1.7957	0.290489	0.670502	-1.49175	0.170709	0.574767	-1.73984	0.2177572	0.47988	-2.08373	0.0158202	0.0139	-71.9424	0.0041237	0.143056	-6.99241	0.0025	0.143056	-6.99241	0.0025	0.143056	0.0784547	0.0684174	-12.1025	0.27746	0.0263746	0.603814	1
gi00093643	CASC4;CASC4	0.158249	0.674244	1.27227	1.27227	0.00777465	7.00588	7.00588	0.530757	1.43575	1.43575	0.459131	1.53597	1.53597	0.455687	0.648713	-1.54151	0.920529	0.944744	-1.05849	0.720467	1.22712	1.22712	0.143618	0.4085822	-2.44749	0.657326	0.775456	-1.28956	0.27737	10.6745	4.5675	1
gi20074699	KRAS;KRAS	0.158251	0.0771987	1.45453	1.45453	0.330388	1.60828	1.60828	0.728929	1.06859	1.06859	0.631781	1.09645	1.09645	0.721434	0.934005	-1.07066	0.3363933	0.658697	-1.51815	0.0256085	0.105545	0.30545	0.66775	0.833701	-1.19947	0.312476	0.55281	1.55281	0.27739	5.83688	2.49753	1
gi27403832	C10orf26	0.158259	0.85446	1.04957	1.04957	0.0447258	1.30788	1.30788	0.0437954	1.14097	1.14097	0.0853154	0.584349	-1.71131	0.310487	0.708091	-1.41233	0.1113131	1.5793	1.5793	0.147916	0.634312	1.5793	1.5793	0.0459834	0.547389	-1.82685	0.72881	1.096	1.096	0.47731	2.23888	0.977322	1
gi17323027	NGFR	0.158259	0.376561	0.906173	-1.10354	0.26203	0.880745	-1.1354	0.129439	0.837039	-1.19469	0.849289	0.979556	-1.02087	0.810938	1.02636	1.02636	0.7956	0.972207	-1.02859	0.0712271	1.24457	1.24457	0.0416759	1.29041	1.29041	0.266934	1.13381	1.13381	0.27731	0.387869	0.165971	1
ch.15.149765NTRK3;NTRK3;NTRK3	NTRK3	0.158326	0.374348	0.260768	-3.83412	0.0229646	0.160052	-6.24799	0.0973183	0.167238	-5.97723	-1.05758	0.552799	0.667398	-1.49836	0.0794665	0.270219	-3.70025	0.408547	0.592952	-1.68643	0.166034	0.166034	-6.02148	0.0024	0.166034	-6.02148	0.0024	0.166034	-6.02148	0.0024	0.166034	0.0518043	-1.93034	0.027731	24.92	9.38453	1
gi12178141	ZFHX4	0.15826	0.743074	1.20824	1.20824	0.0443929	0.265044	-3.77296	0.115537	0.373846	-2.6749	0.462157	0.53798	1.53798	0.0976834	0.351681	-2.84349	0.641839	1.30917	1.30917	0.193427	0.453195	-2.20653	0.163851	0.23003	0.73683	0.163768	0.19145	1.19145	0.2773	10.8813	4.65618	1
gi60599401	ABCF1;ABCF1	0.158262	0.0362804	0.32974	3.35074	0.0997204	0.144213	-6.93223	0.0813741	0.132111	-7.56866	0.0266354	0.0998153	0.0998153	0.0260985	0.0998153	-10.0153	0.0741466	0.0993	-10.0701	0.0260961	0.0998153	-10.0959	0.0260961	0.15388	6.49844	0.0260961	0.15388	6.49844	0.0260961	0.15388	0.0880744	0.0860522	-11.6215	0.27752	0.1247413	0.247473	1
gi10042957	ZNF524	0.158265	0.801326	1.0491	1.0491	0.070136	1.4695	1.4695	0.0487781	0.651911	-1.53395	0.187207	0.83154	-1.18354	0.4817562	1.14561	1.14561	0.5230301	1.13097	1.13097	0.0692402	1.47174	1.47174	0.37571	1.8060075	1.24058	0.6989858	1.07668	1.07668	0.27727	1.18915	0.508851	1
gi14568953	PTPLB;PTPLB	0.158266	0.602826	0.811462	-1.23234	0.196651	0.580845	-1.72163	0.950713	1.0249	1.0249	0.887671	0.472268	-2.11744	0.544256	1.27666	1.27666	0.246446	1.61988	1.61988	0.0258596	2.8659	2.8659	0.395321	1.41403	1.41403	0.466027	0.744368	-1.34342	0.27727	5.21039	2.22959	1
gi26443621	C18orf1;C18orf1	0.158266	0.0590487	0.0993	10.0701	0.0338475	0.0998152	-10.0181	0.0997801	1.63972	1.63972	0.0880514	0.0998153	0.0998153	0.0260985	0.0998153	-10.0153	0.0741466	0.0993	-10.0701	0.0260961	0.0998153	-10.0959	0.0260961	0.15388	6.49844	0.0260961	0.15388	6.49844	0.0260961	0.15388	0.0880744	0.0860522	-11.6215	0.27752	0.1247413	0.247473	1
gi21727532	CLVS2	0.158267	0.527907	1.30334	1.30334	0.702413	1.17008	1.17008	0.428177	1.39232	1.39232	0.987319	0.993518	-1.00652	0.455677	1.36462	1.36462	0.659282	1.833979	-1.1907	0.240873	0.605097	-1.65263	0.00583172	4.38035	4.38035	0.344193	1.48984	1.48984	0.27726	5.50774	2.35684	1
gi19407290	NBP10	0.158269	0.542489	1.11226	1.11226	0.372375	0.853855	-1.17121	0.0152409	0.597946	-1.67239	0.397359	1.16135	1.16135	0.114419	0.756892	-1.32119	0.421734	1.15216	1.15216	0.808618	0.95899	-1.04276	0.956122	1.0907	1.0907	0.145303	0.763479	-1.30979	0.27725	0.9774739	0.419236	1
gi82323801	VAC14	0.158271	?	?	?	?	0.0534418	0.198845	-5.02913	?	?	?	0.678748	0.678748	0.0496396	?	?	0.2689007	1.27163	1.27163	0.2727634	?	?	0.562773	0.03332	1.03332	0.1239866	3.26042	3.26042	0.27725	0.9169954	0.43987	1
gi12425989	EXPH5	0.158271	0.206527	0.652014	-1.53371	0.0824266	0.539256	-1.85441	0.980502	1.00798	1.00798	0.847026	0.939883	-1.06396	0.8619238	0.509243	-1.9637	0.387377	0.752453	-1.32899	0.0134267	0.374296	-2.67168	0.635605	1.1656	1.1656	0.312759	0.715204	-1.3982	0.27723	3.39021	1.45074	1
gi07634645	PLBD1	0.158272	0.0982341	?	?	?	0.0331886	0.46079	-2.17089	0.703898	1.42063	1.42063	0.678738	1.47381	1.47381	0.2211889	4.52074	0.2215741	0.2708	0.5579	-1.79211	0.2215741	0.2708	0.5579	-1.79211	0.2215741	0.2708	0.5579	-1.79211	0.2215741	0.2708	0.5579	-1.79211	0.2215741	0.27723

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg14881137	IL1		0.2106862	0.791733	-1.26305	0.877837	1.02761	1.02761	0.0603816	1.43184	1.43184	0.8442004	0.9648862	-1.02064	0.2395583	0.8404083	0.24365							0.9172566	0.981768	-1.01857	0.315708	0.8321990	-1.02064	0.2264499	1.61346	1.613346	0.8853322	0.9794771	-1.025868	2.076513	1.03089	0.4413372	1
cg06781948	GSXLT2		0.1518448	0.354637	0.5603545	-1.78461	0.7076287	0.2926337	-3.41472	0.7045817	0.298747	-3.34731	0.79266	1.17378	1.17378	0.1408514	0.2531373	0.94986							0.3754666	1.73891	1.73891	0.30735	0.7956578	-1.25679	0.2524297	2.06914	2.06914	0.2216179	0.4578518	-2.184427	2.076111	1.03955	0.4413372	1
cg15176829	LOC149134		0.1518449	0.3633611	1.61816	1.61816	0.04808889	3.202669	3.202669	0.3133305	0.5843159	-1.71139	0.45033	1.48629	1.48629	0.142974	0.4443173	-2.25036							0.9473377	1.034559	1.034559	0.2112213	0.5089731	-1.96474	0.8135733	1.12943	1.12943	0.06738092	0.8748	2.8748	0.8761	8.727385	3.73686	1
cg02138631	NUCB2		0.1518545	0.4983226	0.8660441	-1.15468	0.7176496	0.9268636	-1.07894	0.4222476	0.8423961	-1.18709	0.8762204	1.6618328	-1.51097	0.0370873	0.6022663	-1.65941							0.2019092	0.754325	-1.32561	0.6413311	0.9085501	-1.10314	0.773615	0.9414445	-1.0622	0.0113497	0.5152014	-1.94099	2.0761	1.03955	0.6162069	1
cg08699181	ZNF16;ZNF16		0.1518545	0.796173	0.959763	-1.04192	0.2575099	0.657048	-1.52196	0.0358040	1.47334	1.47334	0.2725271	0.8342882	-1.19864	0.86151	1.02809	1.02809							0.504924	1.11332	1.113332	0.878904	1.02448	1.02448	0.635869	1.07861	1.07861	0.3993358	1.467	1.4672	0.6909	0.8277007	0.3543871	1
cg25038082	GRB7;GRB7		0.1518457	0.0423426	0.22335	0.0835287	4.47147	4.47147	0.6880993	1.37262	1.37262	0.8117902	1.205151	1.388076	2.01225	2.01225									0.30577	0.436426	-2.29134	0.152706	0.3019323	1.3121	0.7401551	1.29724	1.29724	0.0819594	0.453118	4.513168	2.07605	20.1019	8.60687	1
cg14688962	FAM20A		0.1518546	0.0462233	12.9351	12.9351	0.05097895	10.8134	10.8134	0.197307	4.60751	4.607551	0.2717564	3.60512	3.605122	0.226298	4.15405	4.15405							0.1115714	6.976666	6.976666	0.6567066	1.65106	1.65106	0.0218317	21.8629	21.8629	0.13932	5.94083	5.94083	2.67604	44.13107	17.6879	1
cg18940723	SRBD1		0.1518462	0.0129053	0.6455166	-1.60422	0.3048416	1.17677	1.17677	0.4222054	1.1338	1.1338	0.877798	0.9975115	-1.02894	0.6365137	1.07561	1.07561							0.2609533	1.1925	1.1925	0.365507	1.22631	1.22631	0.7628664	1.04742	1.04742	0.2303881	1.21248	1.21248	1.07602	0.7705859	0.3380559	1
cg02606184	PARP10		0.1518462	0.481887	0.7664424	-1.30479	0.3302027	0.688025	-1.45344	0.202084	0.605771	-1.65079	0.595064	1.32096	1.32096	0.2006546	0.5368899	-2.96825							0.7761111	1.111955	1.111955	0.0758888	0.4794242	-2.08585	0.385187	0.7179571	-1.39281	0.0575598	0.440739	-2.22351	2.76022	1.66254	5.94978	1
cg27220401	HDAC7;HDAC7		0.1518468	0.0235338	1.69521	1.69521	0.809769	0.95403	-1.04818	0.518764	1.13615	1.13615	0.284806	0.8050992	-1.24209	0.985919	1.00345	1.00345							0.8697737	1.032555	1.03255	0.0243094	1.68849	1.68849	0.4798555	0.8689358	-1.15083	0.69047	1.08124	1.08124	2.07598	1.25195	0.5360559	1
cg01760959	CHADL		0.1518469	0.743741	0.9303147	-1.07481	0.7902753	0.9513	-1.05121	0.4204481	0.6655492	-1.50227	0.7778	-1.29739	1.2426384	1.2426384	1.19536	1.19536	0.7832064	0.6027515	1.06275	1.06275			0.0754299	0.646023	-1.54793	0.0274513	1.77851	1.77851	0.6549041	0.9636462	-1.10441	0.6446772	1.10795	1.10795	2.07597	1.60219	0.6860124	1
cg01296363	FTSJ3;PSMC5;FTSJ3		0.1518547	0.233491	0.78894	-1.26752	0.125717	1.36953	1.36953	0.1619983	0.7555515	-1.3236	0.504685	0.8794033	-1.1371	0.624176	1.09825	1.09825							0.3086844	1.22135	1.22135	0.0228615	0.5596433	-1.67664	0.710946	0.9317793	-1.0732	0.559177	1.11862	1.11862	2.07597	1.18422	0.5070558	1
cg19193026	MRPL12		0.1518478	0.807475	0.9597216	-1.0687	0.0377744	0.288376	-3.46169	0.0416282	0.2088012	-3.35557	?	?	?	?	0.8845411	0.928939	-1.07645						?	?	?	?	?	?	?	?	?	0.1019	0.499311	-2.00277	2.13432	5.08656	3.73987	?
cg07663722	PTPN1		0.1518491	0.116624	2.55005	2.55005	0.214704	0.48813	-2.04863	0.311772	0.2691	-3.77648	0.36445	1.66813	1.66813	0.9623385	1.02623	1.02623							0.5476311	1.39669	1.39669	0.372094	2.22129	2.22129	0.0295618	0.48254	0.48254	0.1375552	0.40633	2.40633	2.0759	9.91208	4.2443	1
cg01235015	SASH1		0.1518491	0.140575	0.4851284	-2.06107	0.3574335	0.375115	-2.6656	0.97234	1.01594	1.01594	0.39528	0.6721974	-1.48766	0.6602456	0.6602456	0.412286	-2.4255						0.1228899	0.466463	-2.14379	0.0621055	0.3835564	-2.60713	0.0286521	0.3079674	-3.2471	0.436131	0.69596	-1.43686	2.0759	6.84335	2.93028	1
cg27498659	HDAC4		0.1518492	0.172666	1.5407	1.5407	0.2170647	3.97798	2.37798	0.71204	1.11674	1.11674	0.1739934	1.538949	2.497715	2.497715	1.1033	1.1033							0.3238315	1.13457	1.13457	0.2928886	2.14035	2.14035	0.5103339	0.8195655	-1.22003	0.8044818	1.07669	1.07669	2.0759	2.91617	1.24869	1
cg02636742	HBP1		0.1518485	0.5095044	1.1866	1.1866	0.777891	0.930244	-1.07499	0.0791168	1.6462	1.6462	0.208339	0.7123634	-1.40378	0.404839	0.8404168	-1.24352							0.47886	1.20212	1.20212	0.0861195	0.6157565	-1.624	0.157999	1.47103	1.47103	0.1195554	1.54018	1.54018	2.07588	2.14957	0.9200447	1
cg22928996	FBXO11;FBXO11;FBXO11		0.1518487	0.981942	0.9895449	-1.01046	0.2976727	0.6087331	-1.64276	0.268851	0.5889748	-1.69798	0.105316	2.253827	2.253827	0.0328081	0.317289	-3.1517							0.169801	0.51055	-1.95867	0.3994425	0.6359337	-1.57248	0.371597	1.524631	1.524631	0.0908557	0.529008	-1.89033	2.07586	6.948447	2.97535	1
cg11449715	C2orf73		0.1518493	0.1845315	0.631257	-1.61732	0.1804222	1.389894	-1.34594	0.0655045	2.51074	2.51074	0.7548453	0.90662	-1.103	0.6720092	0.6749071	-1.20539							?	?	?	?	?	?	?	?	?	0.113279	0.5291105	-1.88998	0.8969915	0.9538443	-1.04839	0.7790404	0.9024492	-1.10804	2.19348	4.01734	1.602555	1
cg13489553	ALDH4A1;ALDH4A1;ALDH4A1		0.1518491	0.065876	0.501221	-1.99513	0.176174	0.617968	-1.61821	0.299086	0.6975291	-1.43363	0.149742	0.5963733	-1.6768	0.0221524	0.399305	-2.50435							0.184296	0.624159	-1.60216	0.596184	1.19601	1.19601	0.320067	0.70901	-1.41042	0.0673445	0.5035529	-1.98598	0.75383	3.68287	1.57704	1
cg03963113	CACNA2D4		0.1518493	0.0975504	0.6462145	-1.54747	0.1285056	1.285856	0.974342	1.00651	1.00451	0.709178	0.9483922	-1.05401	0.7202	0.9483922	-1.05401	0.7202							0.0513847	1.36423	1.36423	0.0467959	1.75137	1.75137	0.1226	1.07776	0.9838823	1.00284	1.00284	2.07582	0.6446617	0.2760161	1
cg02272624	NFATC2IP		0.1518494	0.852776	0.9613393	-1.04016	0.6877732	1.08941	1.08941	0.753779	0.9364361	-1.06788	0.2095849	0.5810776	-1.72095	0.0706207	0.153448	1.53448							0.1104453	0.691667	-1.44578	0.649727	1.10175	1.10175	0.207134	0.7863982	-1.27068	0.437141	1.18293	1.18293	2.07582	1.47671	0.6323545	1
cg20242880	C19orf2;C19orf2		0.1518496	0.9192024	1.01082	1.01082	0.4588808	1.5563	1.5563	0.0847321	1.2277	1.2277	0.1644222	0.8271058	1.2053	1.2053	0.0744227	0.7016							0.2396646	1.08061	1.08061	0.4975321	0.9355583	1.08061	0.4975321	1.10274	1.10274	0.2481441	1.10552	1.10552	2.07581	0.7875582	0.3159993	1
cg01057897	APC		0.1518498	0.220514	0.674219	-1.4832	0.0732624	0.542645	-1.84282	0.0215852	0.4298803	-2.32664	0.607541	1.14139	1.14139	0.342239	0.7412408	-1.34915							0.1528344	0.625896	-1.59771	0.143679	0.618275	-1.6174	0.186233	0.6512444	-1.53552	0.462378	1.25729	1.25729	2.07579	3.07914	1.31854	1
cg14381350	STX2;STX2		0.1518505	0.117214	2.38976	2.38976	0.0391103	2.56767	2.56767	0.904663	0.9405	-1.06326	0.21247	1.95876	1.95876	0.364615	1.61114	1.61114							0.7993558	1.13928	1.13928	0.0576581	3.00102	3.00102	0.0154173	4.58089	4.58089	0.180529	2.07091	2.07091	2.07578	8.61683	3.6899	1
cg19429740	RNF121;RNF121;LOC100133315;RNF12 1		0.1518503	0.87211	0.973104	-1.02764	0.483304	0.886418	-1.12814	0.750718	1.05542	1.05542	0.149101	1.2993	1.2993	0.252364	0.816814	-1.22427							0.628197	1.08609	1.08609	0.010962	0.582603	-1.71644	0.219157	0.803568	-1.24445	0.7702271	1.0508	1.0508	2.07576	0.941545	0.403192	1
cg05281601	BTG4;C1or f88;C1or f88;MIR34C		0.1518507	0.309879	1.414631	-1.0594	0.2976227	0.608731	-1.64276	0.268851	0.588094	-1.69798	0.105316	2.253827	2.253827	0.0328081	0.317289	-3.1517							0.102885	0.487738	-2.05038	0.0197379	0.37766	-2.64789	0.215343	2.2	2.2	0.0133611	0.886179	1.886179	2.07574	5.315611	2.28079	1
cg24117150	KCNK10;KCNK10		0.1518509	0.0801664	0.3531129	-2.83182	0.2716071	1.84722	1.84722	0.271909	1.84645	1.84645	0.796804	0.8707884	-1.14839	0.819534	1.11484	1.11484							0.235721	1.94708	1.94708	0.0232133	0.233397	-4.28455	0.531387	1.4049	1.4049	0.893372	0.9306613	1.070456	2.07572	2.45278	4.04797	1
cg22802773	TY1AP1;DAP3;DAP3;TY1AP1		0.1518511	0.324196	0.837442	-1.19411	0.0995012	0.730088	-1.3697	0.262061	0.8155653	-1.22601	0.63113	0.9191664	-1.08795	0.12534	0.748977	-1.33515							0.2995133	1.20604	1.20604	0.0492288	0.6762999	-1.47853	0.31805	1.33197	1.33197	0.4904437	0.8851001	-1.12881	0.0571	0.9980651	0.4274003	1
cg27367960	MT1G		0.1518513	0.0293334	0.8820	0.8820	0.2726244	0.95823	-1.0519	0.0509545	1.34893	1.34893	0.1083	0.7178818	1.2227	1.2227	0.1483494	0.8222	1.34893	0.1083	0.7178818	1.2227	1.2227	0.1483494	0.8222	0.5187799	0.707764	-1.41294	0.1548	0.9194361	0.707764	0.1548	0.9194361	-1.08756	0.1272	0.9154	0.9154	2.07573	0.1384	0.0393002	1
cg11458618	NARS2;NARS2		0.1518515	0.180427	0.676886	-1.47735	0.0209408	0.466592	-2.1432	0.702117	1.1112	1.1112	0.696231	0.8979941	-1.11366	0.871645	1.04536	1.04536							0.979419	0.992947	-1.0071	0.0441416	1.906943	0.92082	0.939408	-1.0645	0.4691003	0.817023	-1.22396	0.27569	2.47481	1.05981	1
cg20448881	ATP1A2		0.1518515	0.1581788	0.7173	0.7173	0.1785402	0.90377	-1.10617	0.3781	1.10721	1.10721	0.6158292	0.93392	-1.07097	0.5333832	0.9260762	-1.07977	0.7034	0.9260762	-1.07977	0.7034	0.9260762	-1.07977	0.7034	0.4373444	1.27957	1.27957	0.121756	1.6853	1.6853	0.0925618	1.77883	1.77883	0.235704	1.47206	1.47206	2.07567	0.7885	1.36298	1
cg21620461	CAPN14		0.1518521	0.9188466	1.023031	1.023031	0.450152	1.19729	1.19729	0.0658338	0.630298	-1.58655	0.819528	1.05241	1.05241	0.499512	0.857902	-1.16563							0.285907	1.28121	1.28121	0.0115174	1.198854	1.98854	0.99635	0.998978	-1.00102	0.9208893	0.978034	-1.02246	2.07565	1.64351	0.703829	1
cg04991214	PFDN2;NIT1		0.1518523	0.0672323	0.7145	0.7145	0.1768017	0.84731	-1.1827	0.1544	1.18225	1.18225	0.5244	1.15244	1.15244	0.4526779	1.1049	1.1049							0.2406404	1.08002	1.08002	0.4446	0.7770254	1.08002	0.4446	0.8413032	-1.18807	0.2240474	0.7645431	-1.30853	2.07565	1.74541	0.7539	1
cg26519482	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C		0.1518523	0.208404	1.15785	1.15785	0.80183	1.02818	1.02818	0.714705	0.960239	-1.04141	0.972027	1.00388	1.00388	0.0406889	1.29842	1.29842							0.0122978	1.41138	1.41138	0.224849	1.1513	1.1513	0.85144	0.979493	-1.02094	0.2659333	1.13668	1.13668	2.07564	0.4015501	0.171943	1
cg03032479	PSD4;LOC440839		0.1518524	0.264619	0.67602	-1.47925	0.30368	0.698551	-1.43154	0.0549358	0.4804281	-2.08125	0.068836	0.5006919	-1.99753	0.0833376	0.5243191	-1.90697							0.935265	1.02773	1.02773	0.042892	1.69939	0.709234	0.881495	-1.13444	0.1728899	0.613587	-1.62976	0.27563	3.72782	1.59644	1
cg17444781	LOC93659;MAFG		0.1518524	0.102011	0.5448099	-1.8352	0.6273156	0.847085	-1.18052	0.539659	0.8100959	-1.23448	0.471076	1.28238	1.28238	0.837068	0.91253	-1.07235							0.0649168	2.02016	2.02016	0.0774299	0.5131816	-1.94622	0.0702397	0.5033323	-1.9868	0.4690935	0.7788878	-1.2839	0.27563	3.7831	1.62011	1
cg24842889	KIAA0133		0.1518526	0.3334284	1.178	1.178	0.1562409	0.74535	-1.34185	0.1033	1.14899	1.14899	0.1833	1.0819	1.1781	1.1781	0.2227	1.1227	1.14899	0.1833	1.0819	1.1781	1.1781	0.2227	1.1227	0.0929373	0.564132	-1.77263	0.039361	1.464931	1.564132	0.039361	1.464931	-2.09753	0.0361	1.1849	1.1849	2.07562	0.3009	0.141327	1
cg26705561	SEC31B		0.1518527	0.404006	0.743468	-1.34505	0.451141	0.30541	-3.30541	0.040801	0.260883	-3.83673	0.2126	2.63683	2.63683	0.372994	1.37368	1.37368	0.19204	0.619159	-1.61509					0.450745	0.765855	-1.30573	0.171974	0.6036663	-1.65655	0.103688	0.5359164	-1.85472	0.523435	2.25167	1.25167	0.27561	3.961555	1.69655	1
cg25973369	TUBB4Q		0.1518528	0.528686	1.17354	1.17354	0.6102462	1.16463	1.16463	0.5208683	0.8562	-1.16822	0.4662	1.16822	1.16822	0.329735	1.04519	1.04519	0.2546068	0.8605	-1.16202					0.3104435	1.05695	1.05695	0.75861	1.14717	1.14717	0.3006332	0.6201192	-1.6124	0.2002271	0.5473791	-1.82689	0.27559	6.521672	2.79296	1
cg19136717	ARHI;ARHI		0.1518533	0.142977	1.54059	1.54059	0.162204	0.243416	-4.1601	0.0126802	0.2888256	-3.46264	0.0139577	0.2809151	0.7857216	-1.27272	0.4914295	0.7039388	-1.42169						0.165922	0.7615501	-1.3007	0.7609	0.8884179	1.56915	1.569151	0.91078	0.979787	-1.02063	0.27558	1.09091	0.4677193	1
cg26592333	GPR37		0.1518535	0.760385	1.1376	1.1376	0.2754175	2.05211	2.05211	0.471968	1.16118	1.16118	0.339353	1.52197	1.52197	0.448534	1.38468	1.38468	0.1964	0.7224	-1.38401					0.4194666	1.18317	1.18317	0.0972132	1.31066	1.31066	0.2369646	1.68575	1.68575	0.27557	3.98883	1.55055	1
cg04008913	SNRK;SNRK		0.1518536	0.40105	1.53186	1.53186	0.0160243	4.3178	4.3178	0.153401	2.13506	2.13506	0.136971	2.21413	2.21413	0.219458	0.521997	-1.91572							0.928493	1.04554	1.04554	0.609427	1.29132	1.29132	0.125367	2.27741	2.27741	0.863424	0.91812	-1.08918	0.27555	8.09283	3.46589	1
cg20158978	FBXL1		0.1518537	0.1275132	0.1867464	-5.35355	0.0554443	0.15855	-6.30615	0.0015598	0.1855838	-5.39111	0.10922	0.2422397	0.867625	-1.45795	0.0115284	0.4412397	0.2067	-2.70734						0.4054504	0.8462883	-1.18089	0.4815661	0.9258238	0.8462883	-1.18089	0.4815661	-2.07593	0.27555	4.547005	2.07764	0.5220205	0.4054504	1
cg25116460	CASP8;CASP6		0.1518539	0.436286	1.17221	1.17221	0.160896	1.34934	1.34934	0.318236	1.22923	1.22923	0.248041	1.272328	1.272328	0.35621	0.882057	-1.13371							0.642695	1.09798	1.09798	0.0125317	0.537229	-1.8614	0.898116	1.02596	1.02596	0.5635951	1.1239	1.1239	0.27553	0.3116568	0.5634668	1
cg06329022	SPAG5		0.1518555	0.0126327	0.7275153	-1.37795	0.0166137	1.010389	1.010389	0.9457427	0.924699	-1.08143	0.134851	0.8424144	-1.18744	0.6200206	0.8421144	-1.18744	0.620026	1.05304	1.05304	0.2345035	0.6425454	0.8468283	-1.18089	0.4815661	0.9258238	0.8468283	-1.18089	0.4815661	-2.07593	0.27553	0.9660307	0.4128	1.04018	0.27546	0.5355	0.3540242	1
cg17163607	IGF1R		0.1518551	0.386427	0.740767	-1.34995	0.155817	0.59857	-1.67065	0.167408	0.8249	-1.21212	0.17125	0.5817556	1.20686	1.20686	0.008099	0.3179021	0.6544	0.6425454	0.8468283	-1.18089	0.4815661	0.9258238	0.8468283	-1.18089	0.4815661	-2.07593	0.27553	1.2735	0.526015	1.24194	1.24194	0.2605503	1.693622	1.44471	2.07546	3.75461	1.60805	1
cg10323433	HTR2A;HTR2A		0.1518552	0.977955	0.980224	-1.02018	0.0480577	5.12172	5.12172	0.125673	1.75268	1.20639	0.260691	0.9189661	-1.08819	0.0735326	0.236387	-4.23035							0.855705	1.14064	1.14064	0.032163	0.5691162	-1.75697	0.604338	0.685308	1.45982	0.075455	0.27553	1.77272	0.2605503	1.693622	1.44471	2.07546	3.75461	1.60805	1
cg20999137	SLC22A12;SLC22A12		0.1518557	0.702618	0.93546	-1.06956	0.4253	0.71854	-1.3915	0.167839	0.7289317	1.3719	0.969573	1.08566	1.08566	0.38017	1.10955	1.10955							0.986084	1.09027	1.09027	0.3314304	0.8202864	1.43894	0.166202	1.29287	1.29287	0.0624623	0.6949333	1.440227	0.9660307	0.4128	1.04018	0.27546	0.5355	0.3540242	1
cg07495376	CTNNA3;ERTM3;CTNNA3		0.1518554	0.496389	0.8730322	-1.14545	0.132266	1.37632	1.37632	0.535079	1.13147	1.13147	0.120243	1.39292	1.39292	0.188516	1.31516	1.31516							0.752999	1.06404	1.06404	0.0137122	1.8208	1.8208	0.48822	0.870694	-1.14851	0.646199	0.9133123	-1.09514	0.27544	1.27087	0.544303	1
cg12277998	UQCC;UQCC		0.1518555	0.0562691	0.6246711	-1.60084	0.2233092	0.761717	-1.31282	0.779061	1.06314	1.06314	0.981942	1.00384	1.00384	0.132226	0.80093	-1.24933							0.1176062	0.651435	-1.53507	0.6731597	1.09696	1.09696	0.3993947	1.163089	1.163089	0.0750201	1.651837	1.651837	2.07542	1.55769	0.6677447	1
cg08771947	SCL2A5;SLC12A5		0.1518556	0.403814	2.80081	2.80081	0.2283708	0.584226	-1.71166	0.238112	1.42929	1.42929	0.6644315	1.82301	1.82301	0.605106	0.860045	-1.16273							0.1980577	0.674886	-1.48173	0.830583	0.9339947	-1.06389	0.0785533	0.775824	0.75824	0.709731	1.14113	1.14113	0.2754	2.7462	1.17619	1
cg14762670	CACNA2D1		0.1518558	0.576834	1.17878	1.17878	0.0403551	1.9956	1.9956	0.0525386	1.90245	1.90245	0.0322198	2.07887	2.07887	0.758662	1.09048	1.09048							0.9535367	1.01713	1.01713	0.3993633	0.7774558	-1.28624	0.48960	1.22721	1.22721	0.1618851	1.54617	1.54617	0.27554	2.7981	1.15842	1
cg07155724	INF2;INF2;INF2		0.1518561	0.73235	1.08487	1.08487	0.6435	0.935961	-1.06928	0.7725003	1.02242	1.02242	0.1842824	1.08428	1.85355	1.85355	0.0015838	1.10922	0.2442397	0.8678525	-1.34576	0.0115284	0.4412397	0.2067	-2.70734	0.1539506	1.4451	1.4451	0.040806	1.883129	1.883129	0.0775241	2.228762	2.228762	0.0263	2.779368	2.779368	0.27552	1.279541	0.7389093	1
cg06905516	TNFRSF10D		0.1518561	0.330043	1.17132	1.17132	0.228888	0.819827	-1.21977	0.144223	0.781301	-1.27992	0.514024	0.901321	-1.10973	0.737409	0.948436	-1.05437							0.430863	1.13484	1.13484	0.0826169	1.50119	1.50119	0.133522	0.775217	-1.28996	0.532131	0.905237	-1.10468	0.27539	0.81358	0.3484656	1
cg07572940	NLRP10		0.1518563	0.0403884	1.1955	1.1955	0.1998337	0.808929	-1.23483	0.1624624	0.60204	-1.66102	0.1613633	1.10871	1.10871	0.0144646	0.5447233	0.4258	0.8549218	0.7918564	-1.26284	0.746065	0.8549218	0.7918564	-1.26284	0.746065	0.8549218	0.7918564	-1.26284	0.746065	0.8549218	0.7918564	-1.26284	0.746065	0.27539

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg08413419	SECTM1	0.158717	0.492169	1.36263	1.36263	0.552099	0.765814	-1.3058	0.567824	0.774062	-1.29188	0.974015	0.10455	1.01854	0.05133837	0.377828	-2.6457	0.044161	0.358599	-2.78863	0.103112	0.453467	-2.20523	0.0187156	0.345827	-2.71544	0.2744	0.646341	2.76959	1
cg04562522	WNT4	0.15872	0.193822	2.0904	2.0904	0.2220819	0.213332	-4.68752	0.58347	0.746778	-1.33909	0.976017	0.984653	-1.01559	0.270016	0.542052	-1.84484	0.509255	0.702157	-1.42418	0.110316	2.5696	2.5696	0.462388	0.673274	-1.48528	0.455223	1.49523	3.12173	0.96814	2.77613	1
cg14934280	GRLF1	0.158721	0.386751	1.31937	1.31937	0.0951655	0.563957	-1.77319	0.215171	0.665273	-1.50314	0.992374	1.31485	1.31485	0.574598	1.19382	1.19382	0.651983	1.15237	1.15237	0.519841	1.22605	1.22605	0.0280212	2.24963	2.24963	0.1344441	1.65561	1.65561	0.27438	3.20594	1.37377	1
cg19737225	ANKLE1	0.158723	0.49031	1.31095	1.31095	0.440864	1.35491	1.35491	0.59554	1.23001	1.23001	0.176974	1.74117	1.74117	0.646582	1.19511	1.19511	0.930824	0.96701	-1.03417	0.043065	0.4067569	-2.4584	0.0389807	0.217952	2.51792	0.258609	0.634147	1.57992	0.74737	4.90578	2.10218	1
cg25143771	AS3MT	0.158724	0.585408	0.753671	-1.32684	0.180316	0.481703	-2.07597	0.10756	0.246368	2.46368	0.824252	1.12097	1.12097	0.01513276	2.116021	-4.62918	0.951684	1.0316	1.0316	1.03628	0.4483643	-2.28069	0.593055	0.726849	-1.3758	0.805541	0.88105	-1.135	0.74636	8.65925	3.7106	1
cg26099230	ADAP2	0.158725	0.350546	0.549244	-1.82068	0.6905911	1.2834	1.2834	0.956666	0.96668	-1.03447	0.835234	1.1387	1.1387	0.0894398	0.3110351	-3.21489	0.288091	0.502686	-1.98931	0.182478	0.4318151	-2.41654	0.0231306	0.54884	0.43113	1.65052	1.65052	0.27435	12.7767	5.47501	1
cg25224090	SRRT;SRRT;SRRT;SRRT	0.158726	0.595703	1.25715	1.25715	0.0522222	2.56929	2.56929	0.0141514	3.6467	3.6467	0.207622	1.76447	1.76447	0.359936	0.6688119	-1.49517	0.780571	1.12676	1.12676	0.656315	1.21095	1.21095	0.122385	2.04512	2.04512	0.753208	1.1443	1.1443	0.74034	6.00003	2.57111	1
cg12384262	PFKL;PFKL	0.158729	0.385063	0.745548	-1.3415	0.5372564	0.813846	-1.22874	0.0033315	0.433156	-2.31718	0.949543	0.97935	-1.02109	0.293872	0.7008371	-1.42679	0.170844	0.618299	-1.61706	0.0523699	2.00886	2.00886	0.960432	0.983775	-1.01649	0.1974	0.638084	-1.56719	0.27432	3.57176	1.53957	1
cg17563832	LOC645324	0.158738	0.0347425	0.155706	6.42234	0.676879	1.37283	1.37283	0.509779	1.4574	1.6574	0.363013	0.4985144	-2.00571	0.0201264	0.155954	-6.41094	0.27972	0.427793	-2.33758	0.894364	0.90449	-1.1056	0.70149	0.747503	-1.33779	0.0622779	0.204793	-4.88299	0.74227	18.7567	8.03783	1
cg19448644	DOCK3	0.158739	0.191295	0.507541	-1.97028	0.784743	0.874409	-1.14363	0.476791	0.70145	-1.42562	0.326461	0.608601	-1.64311	0.0794581	0.385102	-2.59671	0.23686	0.544718	-1.83581	0.804766	0.885682	-1.12907	0.170292	0.48877	-2.04595	0.00653015	0.176879	-5.65359	0.74626	7.8933	3.38254	1
cg24814628	TMCZ LOC645324; CACNB2;CACNB2;CACNB2;CACNB2;CAC	0.158746	0.603195	0.8004	-1.24938	0.5165247	0.8009	-1.24859	0.7638	0.5614052	0.400115	-2.49928	0.9838157	0.967978	-1.03308	0.0204125	0.154507	0.979051	0.9043	-1.10603	0.6850473	0.6873	-1.45473	0.1203778	0.59911	-1.67005	0.1318778	0.483534	-2.06811	0.270422	0.577915	0.47461	1
cg03445965	NB1;CACNB2	0.158747	0.789038	1.04822	1.04822	0.31652	0.833733	-1.19942	0.706151	1.06878	1.06878	0.0534386	1.46096	1.46096	0.945152	0.987991	-1.01216	0.250687	1.23463	1.23463	0.0143929	1.74332	1.74332	0.731381	1.06744	1.06744	0.705056	0.935405	-1.06906	0.27421	1.01301	0.434119	1
cg02289903	RPS6KA2;RPS6KA2	0.158747	0.664852	0.879953	-1.13642	0.7953	1.07927	1.07927	0.150221	0.636032	-1.57225	0.231976	0.692254	-1.44456	0.195912	0.66947	-1.49372	0.668249	0.881182	-1.13484	0.0346175	2.0602	2.0602	0.129677	1.61661	1.61661	0.352028	0.755028	-1.32445	0.27421	2.82793	1.21189	1
cg16056311	LRRK1	0.15875	0.689604	0.952647	-1.04971	0.18004	0.841949	-1.18772	0.70907	0.955823	-1.04622	0.113417	1.2314	1.2314	0.272637	0.8714433	-1.14754	0.179663	1.18803	1.18803	0.0462482	1.31774	1.31774	0.85332	1.02262	1.02262	0.187418	0.844659	-1.18301	0.27419	0.479636	0.205547	1
cg12004671	MCF2L;MCF2L	0.158753	0.30142	1.80162	1.80162	-1.2444	0.441958	1.37088	1.37088	0.165295	1.34937	1.34937	0.7701242	0.942297	-1.01819	0.736563	0.933372	-1.07138	0.300598	1.2413	1.2413	0.0100688	1.94105	1.94105	0.804496	1.05307	0.549421	1.13167	1.13167	0.27419	1.37001	0.587114	1
cg10821610	PAX7;PAX7;PAX7	0.158754	0.346365	1.75525	1.75525	0.709501	1.24247	1.24247	0.777212	0.848246	-1.1789	0.977925	0.984075	-1.01618	0.0113902	0.17151	-5.83056	0.332723	0.560048	-1.78556	0.0418016	0.2563138	-3.90109	0.25863	0.504687	-1.98143	0.666496	0.777594	-1.28602	0.27416	11.0576	4.73875	1
cg27409012	UAP1	0.158756	0.247581	1.32062	1.32062	0.149217	1.8221	1.8221	0.284754	1.08369	1.00369	0.0801244	1.56306	1.56306	0.581499	1.13663	1.13663	0.374604	1.23336	1.23336	0.243053	0.7550906	-1.32449	0.185167	1.58162	1.58162	0.0179794	1.94628	1.94628	0.27413	1.7385	0.74505	1
cg01756680	GJA4	0.158763	0.447026	1.15599	1.15599	0.2444	1.44555	1.44555	0.29128	0.604791	-1.65346	0.885934	1.06828	1.06828	0.0312712	0.152639	-3.19857	0.81883	1.11314	1.11314	0.134365	0.47578	-2.10181	0.0232198	0.509594	-1.78701	0.27411	0.6499	2.98062	1
cg08102602	PTMS;PTMS	0.158765	0.314045	1.25397	1.25397	0.452925	0.84688	-1.1808	0.0345665	0.585273	-1.7086	0.500084	1.16043	1.16043	0.73235	0.9280097	-1.07747	0.197697	1.34441	1.34441	0.148477	0.7139955	-1.40057	0.0681175	0.641442	-1.55899	0.769889	0.93826	-1.0658	0.7411	1.55198	0.665128	1
cg08800748	KIF21A	0.158766	?	?	?	?	0.487217	-2.05247	0.561823	0.831734	-1.22892	?	?	?	?	?	?	?	?	?	1.442734	0.593332	-1.31695	0.0600909	2.13393	2.11393	0.907909	0.960376	-1.04126	1.3958	0.27412	2.44992	1.2271	1
cg18689148	PTPRN2;PTPRN2;PTPRN2	0.158769	0.961943	1.01481	1.01481	0.299054	0.717757	-1.39323	0.167659	0.634185	-1.57683	0.809732	0.928374	-1.07715	0.294055	1.46868	1.46868	0.657622	0.871594	-1.14732	0.0199298	2.37658	2.37658	0.108721	1.71434	1.71434	0.671146	1.14064	1.14064	0.27407	3.11841	1.33647	1
cg19327040	FGFR1OP;FGFR1OP	0.15877	0.842714	1.04588	1.04588	0.267697	0.622149	1.04635	1.04635	0.189844	0.822345	-1.22103	0.450021	1.08445	0.0923172	1.210178	-1.21316	0.859336	0.909722	-1.09924	0.0220161	0.23106	-4.32788	0.942438	0.962215	-1.03927	0.911973	0.942721	-1.06076	0.27405	0.34525	0.40516	1
cg20642180	TNFAIP8L3	0.158773	0.203378	0.488638	-2.0465	0.407731	0.63655	-1.57097	0.0585508	0.13628	3.12628	0.715081	0.822385	-1.21598	0.148771	0.437804	2.28413	0.859336	0.909722	-1.09924	0.2220161	0.23106	-4.32788	0.942438	0.962215	-1.03927	0.911973	0.942721	-1.06076	0.27405	0.34525	0.40516	1
cg05610278	CAPN12;CAPN12;CAPN12	0.15878	0.7494	0.915335	-1.0925	0.9962	1.00131	1.00131	0.0405132	1.278	1.278	0.891424	0.9630002	-1.03842	0.0248613	1.39501	1.39501	0.545059	1.18421	1.18421	0.00808358	0.3920272	-2.55055	0.513507	1.2007	1.2007	0.307601	1.33847	1.33847	0.274	2.50289	1.0727	1
cg15288800	C17orf100;MIC53;C17orf100	0.158783	0.0310017	0.633858	-1.57836	0.0388922	0.625305	-1.90316	0.792097	0.833494	-1.20193	0.646204	0.6225579	-1.60622	0.0897755	0.3228275	-3.09757	0.2486605	0.4220207	-2.3702	0.0213237	0.2300567	-4.34677	0.0218803	0.2109955	-4.73946	0.163548	0.353175	-2.83145	0.27398	16.2408	6.4612	1
cg06302273	CCDC39 GPER;C7orf50;GPER;C7orf50;C7orf50;G	0.158783	0.747859	0.88911	-1.12462	0.86289	0.938999	-1.06496	0.0775286	0.2431	0.2431	0.350013	0.704499	-1.41945	0.205744	1.6259	1.6259	0.530361	0.793384	-1.26042	0.425445	1.34496	1.34496	0.0128093	3.08248	3.08248	0.79994	1.09688	1.09688	0.27398	4.35524	1.86662	1
cg13698414	PER	0.158786	0.133688	1.59105	1.59105	0.00479796	2.92866	2.92866	0.388635	1.28801	1.28801	0.209644	1.46171	1.46171	0.781075	1.1097	1.1097	0.247421	1.41509	1.41509	0.189929	1.4897	1.4897	0.410155	1.27356	1.27356	0.504395	1.21469	1.21469	0.27397	2.70737	1.16036	1
cg01008002	SHNG3-RCC1;RCC1;SHNG3-RCC1;RCC1	0.158786	0.199733	1.77182	1.77182	0.932788	1.03626	1.03626	0.226153	1.71022	1.71022	0.849118	1.08374	1.08374	?	?	?	?	?	?	?	0.106557	0.475185	-2.10444	0.070791	0.4263181	-2.34532	?	?	?	0.168986	0.538607	-1.85664	2.10848	4.63036	2.50979	1
cg07680935	USP28	0.158787	0.174498	1.30837	1.30837	0.252515	2.16748	1.26748	0.946956	1.51683	1.51683	0.146751	1.33618	1.33618	0.210848	0.782445	-1.27804	0.642428	1.09091	1.09091	0.246025	0.7979906	-1.25328	0.718428	1.0697	1.0697	0.0870622	1.42136	1.42136	0.27396	1.13742	0.487495	1
cg24131416	CADM1;CADM1	0.158789	0.0347185	0.146819	6.81085	0.7454	1.28294	1.28294	0.482	0.810507	-1.09283	0.820514	0.5588315	1.05195	0.0178253	0.182045	-5.49307	0.2742125	0.4217421	2.37145	0.0178253	0.182045	-5.49307	0.2742125	0.4217421	2.37145	0.0178253	0.182045	-5.49307	0.27396	0.62623	2.66769	1
cg20130989	CYP11B2	0.158789	0.0197461	0.290257	-3.44522	0.469334	0.723661	-1.38186	0.0423329	0.357933	-2.79382	0.84827	0.919288	-1.0878	0.06406612	0.4007781	-2.49513	0.441161	1.41212	1.41212	0.989554	1.00577	1.00577	0.365696	0.6647757	-1.50431	0.491482	0.735649	-1.35934	0.27394	1.30462	2.71758	1
cg21880903	KLB	0.15879	0.175361	1.315884	-1.36572	0.0124404	0.831442	-1.20725	0.0294125	0.269603	-3.70918	0.665145	0.705947	-1.41654	0.113985	0.2528356	-3.95481	0.103683	0.241003	-4.14933	0.155642	0.296753	-3.36976	0.0990001	0.235443	-4.24732	0.639696	0.685908	-1.45793	0.27394	21.0026	9.00172	1
cg06630567	AMBP	0.158792	0.2200227	1.85185	1.85185	0.2408	0.623197	1.04635	1.04635	0.184898	0.822345	-1.22103	0.450021	1.08445	0.0923172	1.210178	-1.21316	0.956282	1.02026	1.02026	0.0849766	0.8808483	-2.0077	0.0106039	0.408498	-2.43993	0.748161	1.12505	1.12505	0.27393	4.39485	1.88364	1
cg13997864	ITPRIPL1;ITPRIPL1;ITPRIPL1;ITPRIPL1	0.158795	0.339826	1.46288	1.46288	0.424133	0.729312	-1.37116	0.475624	0.755399	-1.3238	0.04681	2.41115	2.41115	0.0277305	0.565235	-2.73505	0.888314	0.947392	-1.05553	?	?	?	0.880749	1.0551	1.0551	0.896964	1.05158	1.05138	0.08944	4.39843	2.10507	1
cg02155982	KIAA0415	0.158796	0.0215592	0.486755	-2.05473	0.0237599	1.8221	1.08221	0.845445	0.961101	-1.04047	0.540404	1.13606	1.13606	0.0127224	0.6632014	-1.50803	0.2855514	1.2449	1.2449	0.0356172	1.42122	1.42122	0.837234	0.9906035	1.06219	0.0092	0.960181	-1.04147	0.0997585	0.42919	0.729	1.28188	0.549424	1
cg27477148	NFIC	0.158797	0.0625397	0.3869058	-2.58426	0.102269	0.445386	-2.24524	0.0279773	0.308481	-3.24169	?	?	?	?	?	?	0.68173	0.829624	-1.20537	0.825445	1.10523	1.10523	0.372552	0.660553	-1.51388	0.421147	0.689183	1.45099	0.289043	0.03544	2.88856	1
cg08232905	ADAMTS3	0.158798	0.850137	1.03498	1.03498	0.15561	1.31804	1.31804	0.790125	1.04968	1.04968	0.120477	0.756315	-1.35811	0.290967	0.819412	-1.22039	0.0800722	0.702617	-1.42325	0.135464	0.746434	-1.3397	0.41541	1.16333	1.16333	0.142477	1.33181	1.33181	0.27389	1.08498	0.465034	1
cg08084415	ZNF507;ZNF507	0.158798	0.67386	1.27007	1.27007	0.0775522	0.487217	-2.05247	0.561823	0.831734	-1.22892	?	?	?	?	?	?	0.345238	0.861682	-1.16052	0.437563	1.12893	1.12893	0.868988	1.0256	1.0256	0.085757	0.99727	-1.00274	0.27388	0.77259	0.330141	1
cg04461566	PPM1F	0.158808	0.250228	0.599433	-1.66824	0.0146349	0.277942	-3.59788	0.253979	0.605273	-1.65231	0.836675	0.915833	-1.0919	0.0144048	0.512837	-1.94994	0.154611	0.522601	-1.91351	0.381288	0.682164	-1.46592	0.0292836	0.33496	-2.98543	0.930911	0.96374	-1.03762	0.27382	0.95863	2.55401	1
cg01906695	CDL2A1;CDL2A1	0.158813	0.4369066	1.28599	1.28599	0.3838922	0.565305	-1.76955	0.196519	0.332586	-3.0083	0.281193	0.64341	1.14341	0.889346	1.0139	1.0139	0.0744176	0.5139	1.94603	0.0288604	0.9774145	-1.02316	0.928216	0.978534	-1.04727	0.375642	1.34837	1.34837	0.0466203	0.47282	0.2384	0.68612	1
cg17264670	RGS17	0.158815	0.389749	1.40406	1.40406	0.0108921	0.292057	-3.42399	0.321621	0.674171	-1.4833	0.36874	0.700845	-1.42685	0.400926	0.718166	-1.39244	0.116428	0.518468	-1.92876	?	?	?	0.715289	0.86844	-1.15149	0.215218	0.605133	-1.65253	0.28931	4.36089	2.08724	1
cg00001245	MRPS25;MRPS25	0.158816	0.0569915	0.544546	-1.77702	0.2481213	0.953603	-1.04865	0.876458	0.958934	-1.04284	0.159702	0.671059	-1.49018	0.0174514	0.4624357	-2.16236	0.0509657	0.553108	-1.80796	0.784949	0.75292	1.07532	1.07532	0.75794	-1.31937	0.647127	0.88302	-1.13248	0.27378	0.21513	0.99234	1
cg20263165	FLI1;ZBED5	0.158824	0.0946595	0.59495	-1.59495	0.292074	2.36364	2.36364	0.728235	0.759974	-1.31583	0.739162	1.33075	1.33075	0.0134223	0.26771	-3.7359	0.287004	2.38667	2.38667	0.0508746	0.75541	0.75541	0.187857	1.24409	1.24409	0.30798	0.435022	2.29399	0.23574	20.3333	8.71569	1
cg05977955	CHCHD6	0.158824	0.689428	0.898252	-1.11327	0.756298	0.920207	-1.08671	0.501956	0.83358	-1.19965	0.642821	1.12372	1.12372	0.0235309	0.485522	-2.05964	0.361571	1.28469	1.28469	0.086948	1.65689	1.65689	0.0892732	0.6062166	-1.64958	0.981158	0.993712	-1.00633	0.27374	2.34346	1.0045	1
cg13049236	GUCY1A2	0.158825	0.0784413	0.719553	-1.38965	0.2184047	0.810366	-1.23408	0.0224727	0.2378	4.20378	0.663358	0.70563	1.41756	0.0140928	0.6010284	-1.66328	0.1375442	0.7936296	1.25996	0.0410023	0.6610284	-1.51262	0.1776336	0.5632505	-1.77543	0.8258556	-1.16515	0.746524	1.05612	1.05612	0.0372	0.930999	1.06569	0.27374	0.21513	0.99234	1
cg13738617	NXF1;NXF1	0.158828	0.213821	0.691677	-1.44576	0.853402	0.949239	-1.05348	0.397458	1.27636	1.27636	0.236636	0.70524	-1.41796	0.82561	1.06412	1.06412	0.022672	1.463768	2.15625	0.121484	1.60452	1.60452	0.462228	1.23463	1.23463	0.34971	1.31141	1.31141	0.7337	2.60497	1.11662	1
cg01477777	GRIA4;GRIA4;GRIA4;GRIA4	0.158829	0.320222	1.115891	1.115891	0.3902058	1.11372	1.11372	0.021812	1.4004	1.4004	0.640617	0.944102	-1.05921	0.30372	1.24412	1.24412	0.620188	1.34015	1.34015	0.0296217	1.63033	1.63033	0.0196572	0.8184481	-1.22127	0.897379	0.998924	-1.00166	0.363058	0.891933	-1.12116	0.27367	0.491571	0.210717	1
cg06521357	DOK7;DOK7	0.158831	0.981441	1.01025	1.01025	0.1594837	0.54129	-1.84229	0.0240401	0.906953	-1.10259	0.499158	0.740227	-1.35094	0.02502229	0.3106561	-3.21894	0.273462	1.64821	1.64821	0.757028	0.872782	-1.14576	0.573348	0.7792303	-1.28336	0.191934	1.83244	1.83244	0.27368	6.1317	2.39329	1
cg00200496	SLC38A9	0.158836	0.247539	0.891324	-1.12193	0.392876	1.08686	1.08686	0.0806997	1.20241	1.20241	0.39214	0.919559	-1.08701	0.089247	1.19521	1.19521	0.443059	0.928281	-1.07726	0.461127	0.9310992	-1.07401	0.406412	1.08418	1.08418	0.0599127	1.22457	1.22457	0.27365	0.2973924	0.12748	1
cg14379288	SARDH;SARDH	0.158838	0.856095	0.997127	-1.00288	0.9917645	0.761457	-1.30863	0.0703882	0.146759	-6.81355	0.464026	0.94793	-1.07445	0.0127657	0.3227102	-3.09857	0.417641	0.857073	-1.1665	0.0782716	0.5222128	1.91522	0.0158275	0.5985755	-1.67098	0.0131737	0.99336	1.00657	0.8503682	-1.17596	0.27364	0.8813	0.488126	1
cg22814929	BTN2A1;BTN2A1;BTN2A1;BTN2A1	0.158838	0.443776	1.18685	1.18685	0.0554711	0.621124	-1.60998	0.105001	0.14751	0.14751	0.666705	0.909317	-1.09973	0.460801	1.17909	1.17909	0.777115	1.06425	1.06425	0.0453806	0.6043651	-1.65463	0.68176	1.09468	1.09468	0.321231	1.25213	1.25213	0.27364	1.58088	0.677661	1
cg09417079	SLC25A40;SLC25A40;DIP4	0.158838	0.926872	1.01366	1.01366	0.0231965	1.50488	1.50488	0.061637	1.38505	1.38505	0.437614	0.889538	-1.12418	0.2884451	1.17935	1.17935	0.0779375	0.99592	1.0041	0.2364336	0.8324379	-1.20123	0.8359543	1.03121	1.03121	0.364008	0.871264	-1.14776	0.27364	0.717706	0.307653	1
cg14004161	SNX27	0.158838	0.442332	0.746833	-1.33899	0.348425	1.43294	1.43294	0.119049	0.532361	-1.87842	0.756907	0.890737	-1.12267	0.291126	0.6644835	1.50413	0.264649	0.67611	1.67911	0.163467	0.74057	1.74057	0.345104	0.57313	1.5713	0.174019	0.583709	0.71318	0.27363	0.56054	1.95493	1
cg16998016	SDK1	0.158841	0.0829682	0.534774	-1.86995	0.0655335	0.509708	-1.96191	0.855825	1.06109	1.06109	0.174549	1.60139	1.60139	0.310976	0.7105	-1.40746	0.286717	0.697188	-1.43433	0.274441	1.44885	1.44885	0.94728	0.91907	-1.06488	0.0813883	0.53268	-1.8773	0.73861	3.49125	1.49658	1
cg18382393	BBS1	0.158842	0.273435	1.2866	1.2866	-1.27192	0.489513	1.22235	1.22235	0.286006	1.34678	1.34678	0.870479	1.05871	1.05871	0.0247218	0.4479152	0.2844332	0.4144	2.41424	0.0315974	0.4102404	2.72098	0.367501	0.356384	1.39324	0.382174	0.731008	1.36797	0.27361	4.00482	1.72868	1
cg12422026	SCP2;SCP2;SCP2;SCP2	0.158842	0.308318	0.61649	-1.62209	0.8181816	0.268334	-3.72669	0.0314146	0.314155	-3.18314	0.361084	1.53832	1.53832	0.157097	0.499497	-2.00201	0.483482	0.721315	-1.38636	0.895649	0.941579	-1.06205	0.480024	0.71939	-1.39007	0.352125	0.644517	-1.55155	0.27361	6.9111	2.96256	1
cg16428008	MXRA7;MXRA7;MXRA7	0.158843	0.0473602	0.7146	-1.39896	0.2178474	0.774474	-1.29129	0.2826	0.712826	1.40326	0.212916	0.7676242	1.30231	0.0078208	0.2116553	-4.72623	0.0793166	0.6125	-1.63265	0.0218525	0.2482	-4.02942	0.0894213	0.2481	-4.03	0.0946671	0.135879	1.35879	0.27358	0.23975	0.10263	1
cg21172205	MED22;MED22	0.158844	0.10324	0.665122	-1.50348	0.132077	0.689426	-1.45048	0.695075	0.913807	-1.09432	0.6646659	0.62199	-1.60774	0.0349618	0.569914	-1.75465	0.0348403	0.569632	-1.75552	0.825043	1.05196	1.05196	0.62718	0.894051	-1.1185	0.945255	0.98441	-1.01584	0.2736	1.71935	0.737034	1
cg13534705	EIF2B5;EIF2B5	0.158845	0.143651	0.806898	-1.23931	0.0157938	1.49754	1.49754	0.949851	1.00878	1.00878	0.933861	1.0114	1.0114	0.831172	1.02958	1.02958	0.442447	0.898578	-1.11287	0.616582	0.818451	-1.22182	0.295264	0.862244	-1.15976	0.447028	1.11163	1.11163	0.27359	0.612377	0.262509	1
cg18335695	MEX3D	0.158845	0.203995	0.854819	-1.17004	0.4134	1.55881	1.55881	0.167974	0.710948	-1.4069	0.41074	1.41247	1.41247	0.0789223	0.457434	-2.18575	0.173884	0.417644	2.39407	0.0254428	0.2777454	-3.59884	0.2604	0.4167	-2.39971	0.0859	0.2369	0.2369	-4.22192	0.27359	0.15655	0.29001	1
cg27534520	IGF1R	0.15885	0.4624671	0.57499	-1.73916	0.00487489	0.0632201	-15.8178	0.0712551	0.225221	-4.44009	0.618693	0.6898888	-1.44953	0.234195	0.39747	-2.5161	0.642097	0.707301	-1.41382	0.589386	0.6682111	-1.49653	0.441594	0.555988	-1.78703	0.917803	0.926468	-1.07937	0.27356	17.977	7.70635	1
cg15320148	SMOC1;SMOC1	0.158845	0.0226268	0.574	-1.74206	0.416259	0.669407	-1.49386	0.0510279	0.24089	2.02489	0.597075	0.29395	1.29395	0.0883199	0.4020984	-2.48143	0.469558	1.42679	1.42679	0.1359	0.1830885	0.5463377	1.82977	0.1006909	0.414023	0.66806	-1.49687	0.27356	0.76439	0.32922	1
cg05361415	VGLL4;VGLL4;VGLL4;VGLL4	0.158851	0.176364	0.721832	-1.38536	0.0064688	0.447988

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1117 057 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 117 vs. N)	Fold-Change(1127 vs. N)	p-value(1137 127 vs. N)	Fold-Change(1137 vs. N)	p-value(1217 121 vs. N)	Fold-Change(1217 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(473 473 vs. N)	Fold-Change(473 vs. N)	p-value(353 53T vs. N)	Fold-Change(353 vs. N)	p-value(537 53T vs. N)	Fold-Change(537 vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ab1872353	MAP3K13	0.159031	0.436728	0.601178	-1.6634	1.4046313	1.72794	1.72794	0.485186	1.58215	0.576997	0.686695	-1.43535	0.5579281	0.252871	0.35459	0.462846	0.619211	-1.63496	0.6122682	0.13524	-7.39427	0.599143	1.40922	1.40922	0.603432	0.714532	-1.39952	2.07241	15.5018	5.7911	1
gb03869077	PKRAG2;PKIAG2	0.159031	0.414801	0.720167	-1.38857	1.308842	2.660489	-1.51403	0.118679	0.513233	-1.94843	0.472285	1.33364	1.33364	0.010756	2.2830077	-3.5326		0.82601	1.09057	1.09057	0.659201	1.19099	1.19099	0.325485	1.49157	1.49157	0.524462	0.775682	-1.28919	0.272441	5.09037	2.18334	1
gb09133818	ZMYM1	0.159035	0.583388	1.1195	1.1195	0.2929995	1.24898	1.24898	0.806797	1.0512	1.0512	0.325309	1.22997	1.22997	0.01109558	1.191361	1.191361		0.215003	1.30474	1.30474	0.8945298	1.47529	1.47529	0.625817	1.10534	1.10534	0.2383388	0.777496	-1.28618	0.272838	1.36324	0.584722	1
gb25016112	DENND3	0.159042	0.89299	1.04662	1.04662	0.757908	0.900624	-1.11016	0.159735	0.603138	-1.66296	0.160673	0.003116	-1.66081	0.0121641	0.34718	-2.88035		0.584005	0.82932	-1.20581	0.8814491	1.05182	1.05182	0.215184	1.55593	1.55593	0.191432	0.626113	-1.59755	0.27234	3.76164	1.61348	1
gb11857013	MAN2B2	0.159045	0.105141	0.362918	-2.75544	0.2510031	0.503324	-1.98679	0.245606	0.498996	-2.00403	0.93667	0.955531	-1.04654	0.00669265	0.113514	-7.48887		0.295522	0.540386	-1.85053	0.155624	0.419077	-2.38619	0.48339	0.665159	-1.5034	0.172393	0.433596	-2.29377	0.27233	10.7546	4.61298	1
gb02623413	ALG6	0.159046	0.631161	1.19679	1.19679	0.0406915	2.40506	-2.40506	0.901457	1.04708	1.04708	0.692863	1.35879	1.35879	0.0192748	3.449402	-2.8613		0.699052	1.1552	1.1552	0.629195	1.19805	1.19805	0.364108	0.649014	1.5408	0.878803	0.944906	-1.05831	0.27232	4.5268	1.9417	1
gb08671764	OR10Q1;OR10Q1	0.159046	0.781347	1.12586	1.12586	0.807256	0.901099	-1.10976	0.0194778	0.300226	-3.33082	0.279119	1.615151	1.615151	0.8692445	1.07272	1.07272		0.436748	1.40216	1.40216	0.832918	1.09418	1.09418	0.794841	1.11742	1.11742	0.0351452	0.351483	-2.84508	0.27232	5.95777	2.5555	1
gb22166419	PSMC4;PSMC4	0.159047	0.570974	1.173583	-1.74262	0.437219	1.2436	1.2436	0.582456	1.16504	1.16504	0.799807	1.07241	1.0724	0.8003691	1.07221	1.07221		0.555701	0.848812	-1.17843	0.7208546	0.997312	-1.00248	0.998463	0.997312	-2.51679	0.751664	0.916574	-1.09126	0.99254	1.002158	1.002058	0.272351	2.48361	1.06531	1
gb13694343	TIMP2	0.159048	0.21174	0.477477	-2.09434	0.2204767	0.208215	-4.80272	0.0239357	0.236371	-4.23064	0.179547	0.448848	2.22793	0.0184211	0.538316	-1.85765		0.383417	0.60517	-1.65243	0.25071	0.288865	-3.46182	0.260605	0.517194	-1.93351	0.550838	0.712452	-1.4036	0.27231	10.3637	4.44539	1
gb06542681	VAC14	0.159049	0.246774	0.715797	-1.39704	0.668161	0.88776	-1.12643	0.0986514	0.606567	-1.64862	0.615244	0.869442	-1.15016	0.599635	1.15746	1.15746		0.0251758	2.08556	2.08556	0.179003	1.48307	1.48307	0.599319	1.15761	1.15761	0.357708	0.770186	-1.29839	0.2723	2.50143	1.07296	1
gb00466979	ZNF490	0.159049	0.0486418	1.65613	1.65613	0.0249137	1.60937	-1.60937	0.0132355	0.400337	2.50003	0.0417255	1.68199	1.68199	0.429481	1.13192	1.13192		0.197784	1.3565	1.3565	0.2325159	1.84438	1.84438	0.307998	1.39011	1.39011	0.266571	0.731437	1.22824	1.22824	0.272229	1.64088	0.705457	1
gb15868151	ABCC4;ABCC4	0.159052	0.205565	0.818001	-1.2216	0.863838	0.102606	0.026006	0.358473	1.15203	1.15203	0.56856	0.916895	-1.09064	0.161487	0.799233	-1.2512		0.08034947	0.747713	-1.33741	0.354391	1.1535	1.1535	0.335081	1.16066	1.16066	0.0529989	1.39037	1.39037	0.272028	0.737288	0.316254	1
gb19145437	F12	0.159052	0.326091	0.545454	-1.87107	0.1439272	0.378137	-2.64455	0.0488722	0.24912	-4.01414	0.513778	0.664203	-1.50556	0.0717792	0.280768	-3.56256		0.201088	0.494174	-2.02322	0.0275537	0.199277	-5.01814	0.0456372	0.244686	-4.08587	0.502165	0.656484	-1.52327	0.27228	12.5512	5.37516	1
gb10747266	ZBTB12	0.159052	0.366689	0.822833	-1.21531	0.0520506	1.45124	-1.45124	0.0760334	1.3947	1.3947	0.480136	0.88608	-1.12857	0.208456	1.19916	1.19914		0.895714	0.978144	-1.02234	0.0799115	0.720766	-1.38743	0.765387	0.950822	-1.05172	0.650944	1.07977	1.07977	0.27228	0.931913	0.399737	1
gb19311889	NAB2	0.159053	0.807161	0.861617	-1.16061	0.976347	0.982105	-1.01822	0.92289	1.06074	1.06074	0.262192	0.490637	-2.03812	0.126133	0.364983	-2.73986		0.794222	0.852282	-1.17258	0.6459043	0.255369	-3.9159	0.0424312	0.240711	-4.15436	0.0244588	0.195413	-5.11737	0.27227	12.1746	5.22222	1
gb00950343	C5orf13;C5orf13;C5orf13;C5orf13	0.159054	0.1375337	0.429886	-2.3262	0.0192324	0.190324	-5.25419	0.0429928	0.255463	-3.91454	0.837502	0.866405	-1.15463	0.0875646	0.333105	-3.01836		0.28571	0.522309	-1.9147	0.0855087	0.380353	-2.62959	0.0313157	0.754807	-1.32474	0.805125	0.865194	-1.15581	0.27227	1.26172	1.12357	1
gb04184683	OSBPL5;OSBPL5;OSBPL5	0.159055	0.436969	0.808256	-1.23723	0.479231	1.213	1.213	0.785733	0.929458	-1.0759	0.867322	1.045911	1.04591	0.0132902	0.438857	-2.27865		0.235544	1.39617	1.39617	0.689524	1.11383	1.11383	0.0744118	0.586476	-1.7051	0.502119	0.832888	-1.20065	0.27226	3.3653	1.01459	1
gb17937090	GLTP01;CPSF3L	0.159059	0.151738	0.529333	-1.88763	0.0491008	0.392192	-2.54977	0.725646	0.883898	-1.15754	0.409518	1.42134	1.42134	0.309876	0.645417	-1.54939		0.289968	0.628883	-1.59013	0.0221567	0.315446	-3.17012	0.15817	0.533302	-1.87531	0.606263	0.535211	-1.86842	0.27223	5.60824	2.44427	1
gb16820186	DKFZp686D24166	0.159061	0.0764659	0.518172	-1.92972	0.261726	0.678046	-1.47483	0.254974	0.673968	-1.48353	0.763561	1.63759	1.63759	0.0158178	0.491246	-2.03564		0.659152	0.862979	-1.15878	0.6524444	0.491379	-2.03508	0.0273107	1.60873	1.60873	0.18426	0.626518	-1.59612	0.27222	3.67719	1.55161	1
gb02004044	MIR1250;AATK	0.159062	0.693288	1.2777	1.2777	0.0138789	0.54968	0.54968	0.0210473	0.56041	0.56041	0.868953	0.902953	-1.10748	0.567391	1.42957	1.42957		0.551262	1.45165	1.45165	0.132404	2.7288	2.7288	0.454799	1.60107	1.60107	0.341604	1.83275	1.83275	0.27222	12.5439	5.38076	1
gb19688993	ZNF238	0.159063	0.213713	0.616099	-1.62311	0.3844	0.19419	-5.14974	0.0130795	0.391962	-2.55141	0.0317205	0.391962	-2.55141	0.0317205	0.131218			0.450896	0.755612	-1.32343	0.4044101	0.257691	-3.88134	0.0227201	0.743116	-1.34564	0.2722	0.499141	1.89564	1.49141	1.89564	1.92662	1
gb19222080	CYB561;CYB561;CYB561	0.159064	0.615741	0.913712	-1.09444	0.116976	0.738097	-1.35483	0.242027	1.24403	1.24403	0.454304	1.14559	1.14559	0.129428	0.746652	1.33931		0.022119	0.613064	-1.63115	0.328401	0.835364	-1.19708	0.812719	1.04323	1.04323	0.211454	0.790767	-1.2646	0.2722	1.04362	0.447671	1
gb22131374	ITGAX; SLC37A4;SLC37A4;SLC37A4;SLC37A4;SL	0.159064	0.463278	0.544766	-1.83565	0.523123	0.590663	-1.69301	0.220048	0.550244	-2.85515	0.0428398	0.150094	-6.66248	0.0380467	0.141355	-7.07438		0.140424	0.275195	-3.63378	0.0600613	0.178039	-5.61675	0.077922	1.40464	1.40464	0.0888138	0.217164	-4.60481	0.2722	21.7235	9.3185	1
gb06567290	C3H4;SLC37A4	0.159065	0.934632	0.965959	-1.03524	0.307349	1.56229	1.56229	0.669903	1.19847	1.19847	0.925711	1.04016	1.04016	0.184561	0.553553	-1.80651		0.946977	0.97231	-1.02848	0.0156702	0.286305	-3.49278	0.134093	1.97808	1.97808	0.248707	0.601052	-1.66375	0.2722	5.85027	2.50952	1
gb05484918	BCAR3	0.159066	0.982272	1.02755	1.02755	0.0502219	0.560239	-1.78482	-1.36022	0.215564	4.6402	0.0127444	1.27048	1.27048	0.2	0.78306	1.27698		0.656898	0.708884	-1.41077	0.8570975	1.29475	-1.20907	0.885981	0.89543	-1.11678	0.532019	1.62788	1.62788	0.27219	1.4103	0.3434	1
gb18515801	TET1	0.159066	0.270343	0.377948	-2.64587	0.0508217	0.151641	-6.59451	0.173609	0.293068	-3.41218	0.777994	1.27077	1.27077	0.0160669	0.0822646	-12.1559		0.704701	1.38097	1.38097	0.194005	0.311929	-3.20586	0.799363	1.241	1.241	0.240929	0.353189	-2.83134	0.27219	23.5873	10.118	1
gb17825709	FIS1	0.159067	0.809401	0.894807	-1.1179	0.4209328	0.870671	-1.14309	0.949305	1.04227	1.04227	0.29705	1.27001	1.27001	0.4340731	1.145007	-1.14007		0.507533	0.734	-1.3624	0.1132322	0.445153	-2.24578	0.0708955	0.256917	-3.89231	0.271478	0.694337	-1.43994	0.27219	6.94337	2.97844	1
gb11226913	C14orf23	0.159074	0.41261	2.17111	2.17111	0.665134	1.50336	1.50336	0.815391	1.24166	1.24166	0.46548	1.98857	1.98857	0.551782	0.572825	1.74574		0.08977914	1.64536	1.64536	0.745204	1.35226	1.35226	0.0638595	2.06958	2.06958	0.104806	1.73454	1.73454	0.27214	28.1086	12.0578	1
gb08762247	TMEM100;TMEM100	0.159079	0.212606	0.575395	-1.73794	0.0927469	0.458964	-2.17882	0.772869	0.88529	-1.12957	0.631651	1.23904	1.23904	0.0288159	0.337783	-2.96048		0.04455659	0.378677	-2.64077	0.122279	0.494071	-2.024	0.162892	0.534128	-1.87221	0.998634	1.00072	1.00072	0.27211	5.81703	2.49538	1
gb15196365	UTS2R	0.159079	0.90939	1.09983	1.09983	0.9144	0.824584	-1.21272	0.2230307	0.774676	-2.88717	0.381991	1.41494	1.41494	0.0466231	0.706152	-1.41579		0.945169	0.786102	-1.27218	0.8589115	0.941606	-1.06191	0.117537	0.563044	-1.77524	0.27211	1.37488	1.37488	0.60476	1
gb15999067	MAGI2	0.1591	0.393791	0.863442	-1.15815	0.0716314	0.4023	1.4023	0.893419	0.977699	-1.02281	0.674754	0.931516	-1.07352	0.377747	1.16431	1.16431		0.266777	1.21648	1.21468	0.0114512	1.70207	1.70207	0.92671	0.984667	-1.01557	0.693396	0.935564	-1.06887	0.2721	0.927252	0.397772	1
gb26597734	CLEC10A	0.159084	0.44491	0.701501	-1.42561	0.3637	0.863573	-1.15781	1.13648	0.883109	1.13179	0.884796	1.0276	1.0276	0.4674154	0.974232	1.02644		0.954166	0.72153	-1.38571	0.6023444	0.842408	1.18171	0.5931	0.9855	-1.01459	0.933375	0.97015	-1.03093	0.27211	0.857938	0.32593	1
gb15115810	WWC1;WWC1;WWC1	0.159085	0.0190107	-6.606205	-1.64961	0.61468	0.914408	-1.0936	0.217757	0.795675	-1.25679	0.811841	0.958833	-1.04294	0.841764	0.965378	1.03586		0.18029	1.28508	1.28508	0.0925674	1.38582	1.38582	0.624082	0.916163	-1.09097	0.499319	0.886133	-1.1285	0.27207	0.91079	0.437469	1
gb09113512	ER3	0.159085	0.559783	0.779168	-1.28342	0.128866	0.481802	-2.07554	0.129714	0.500245	-1.99902	0.0632054	0.413072	-2.42088	0.420487	0.705921	-1.41659		0.31755	0.645855	-1.54833	0.0131601	0.271496	-3.6833	0.0966515	0.46221	-2.16352	0.170225	0.53898	-1.85536	0.27207	5.87586	2.52066	1
gb04891961	ANKRD13B	0.159094	0.751645	1.07492	1.07492	0.2727	0.812345	1.21685	0.663829	0.795317	1.25736	0.0497729	0.722726	1.38397	0.0463302	0.743328	1.34535		0.0618679	2.24741	2.24741	0.0116722	1.94842	1.94842	0.815975	0.903404	-1.10725	0.270201	0.28049	-3.56412	0.27206	2.84948	1.03422	1
gb03221100	WTAP;WTAP;WTAP	0.159098	0.0404022	0.661858	-1.5109	0.0851802	1.39345	1.39345	0.147384	1.3113	1.3113	0.203948	0.791578	-1.2633	0.697056	1.07058	1.07058		0.315952	1.19811	1.19811	0.376158	0.853571	-1.17155	0.622018	1.09049	1.09049	0.767536	1.05303	1.05303	0.27199	0.997256	0.427825	1
gb05407025	NDC80;MET714	0.159098	0.334542	-2.98945	-2.98945	0.0135475	0.152424	1.53524	0.0474301	0.62814	1.62814	0.0337468	0.566145	-1.76617	0.0139631	0.394418	2.53594		0.0574648	0.154623	-6.4717	0.0432661	0.14513	-6.88911	0.0222153	0.122644	-8.15506	0.0202113	0.0966299	-10.3481	0.27199	1.82672	1.34157	1
gb07111160	FURT2;FURT2	0.159103	0.542558	1.26252	1.12652	0.36565	0.83557	-1.19679	0.620006	0.907915	-1.10142	0.350481	0.830496	-1.2041	0.812956	0.955222	-1.04688		0.135839	1.3643	1.3643	0.255007	0.794782	-1.25821	0.751002	0.940327	-1.06346	0.0137887	1.80101	1.80101	0.27196	1.22676	0.525861	1
gb23047134	FGF22	0.159106	0.270653	0.648519	-1.54198	0.4235397	1.36152	1.36152	0.0622364	0.452673	-2.2091	0.696279	1.15966	1.15966	0.166592	0.572991	-1.74523		0.2406	0.632866	-1.58011	0.0137471	0.316578	-3.15878	0.611427	0.824106	-1.21344	0.453281	0.749406	-1.33439	0.27194	4.6786	2.00718	1
gb08746164	RPS19BP1	0.159107	0.61583	1.09062	1.09062	0.3075	0.152424	1.53524	0.0474301	0.62814	1.62814	0.0337468	0.566145	-1.76617	0.0139631	0.394418	2.53594		0.0574648	0.154623	-6.4717	0.0432661	0.14513	-6.88911	0.0222153	0.122644	-8.15506	0.0202113	0.0966299	-10.3481	0.27194	1.82672	1.34157	1
gb05032279	RAB11FIP3	0.159109	0.186457	0.505671	-1.97797	0.0581851	0.352641	-2.83574	0.764986	1.15715	1.15715	0.424853	0.672485	-1.48702	0.0479294	0.332561	-3.00697		0.253747	0.559751	-1.78651	0.0302592	0.287325	-3.48631	0.107546	0.425248	-2.35157	0.167714	0.488758	-2.046	0.27192	7.77791	3.33686	1
gb10135042	HMG20B	0.159108	0.363708	1.15358	1.15358	0.0437	0.363708	1.15358	0.0437	0.363708	1.15358	0.0437	0.363708	1.15358	0.0437	0.363708	1.15358		0.2	0.632866	-1.58011	0.0137471	0.316578	-3.15878	0.611427	0.824106	-1.21344	0.453281	0.749406	-1.33439	0.27194	4.6786	2.00718	1
gb06513818	KIAA0467	0.159119	0.649843	0.909428	-1.09959	0.142291	1.38772	1.38772	0.160637	1.36521	1.36521	0.372623	1.20941	1.20941	0.629795	1.11615	1.10615		0.412908	1.18992	1.18992	0.00886528	1.99762	1.99762	0.438005	1.17861	1.17861	0.35485	0.820602	-1.21862	0.27186	1.41592	0.607471	1
gb15643315	DCX	0.159125	0.558876	0.894683	-1.11771	0.0115164	1.608931	1.608931	0.0115164	1.608931	1.608931	0.0115164	1.608931	1.608931	0.0115164	1.608931	1.608931		0.263988	0.802791	-1.24561	0.1494	0.799288	1.2511	0.56999	0.859601	-1.16304	0.897871	0.976114	-1.02447	0.27184	1.16389	0.499004	1
gb16134475	TRIM9;TRIM9	0.159129	0.392696	1.5152	1.5152	0.864077	0.521904	2.00471	0.00500508	0.185025	5.40619	0.00250008	0.28659	3.48859	0.00754	2.65211	3.48859		0.446265	1.64371	1.42171	0.83923	1.1012	1.1012	0.367713	0.64409	-1.55133	0.447287	1.44424	1.44424	0.27183	1.08177	0.381104	1
gb03692228	PIM2;PIM2	0.159125	0.02605	0.271747	-3.67989	0.770962	1.15489	1.15489	0.614608	0.778448	-1.28461	0.602111	0.80807	0.80807	0.442728	0.679708	-1.47122		0.0975519	0.408119	-2.45026	0.831696	0.900331	-1.1107	0.9701	1.01854	1.01854	0.810365	1.12591	1.12591	0.27182	7.98531	3.426	1
gb02076206	NSUN6	0.159126	0.0700644	0.593437	-1.68515	0.1307	0.136525	1.13611	0.0179721	0.109728	2.13811	0.0127758	1.35825	1.35825	0.0134353	1.647421			0.0249268	0.165955	-6.02577	0.0113277	0.872889	-1.14613	0.642955	0.880155	1.12579	-1.12579	0.283496	0.750454	-1.33253	0.20779	1.73496	0.934439	1
gb09972884	RIN3	0.15913	0.930232	1.10059	1.10059	0.547556	0.94671	-1.94671	0.710812	1.50325	1.50325	0.740565	1.43863	1.43863	0.758509	1.40148	1.40148		0.004805	0.0166469	-60.0714	0.320548	0.325173	-3.07528	0.796331	0.753447	-1.32723	0.565604	1.88833	1.88833	0.27179	39.3097	16.8656	1
gb19043207	FTO8	0.15913	0.441442	0.704307	-1.4199	0.3596	0.717964	-1.39304	0.845702	0.688024	-1.45133	0.0778642	0.471642	-2.12025	0.0141922	0.387552	-2.58023		0.324374	1.19923	1.19923	0.761284	1.08314	1.08314	0.607121	1.00713	0.692002	1.00699	1.00699	0.27175	1.77347	0.760912	1
gb15640185	CCDC40	0.159136	0.387479	1.22867	1.22867	1.196653	1.37351	1.37351	0.0965328	0.53277	1.53277	0.538516	1.15578	1.15578	0.01427219	0.495301	2.01897		0.313755	0.645455	-1.54833	0.0131601	0.271496	-3.6833	0.0966515	0.46221	-2.16352	0.170225	0.53898	-1.85536	0.27207	5.87586	2.52066	1
gb14530513	RMND5A	0.159136	0.109075	0.476903	-2.09686	0.0749777	0.431589	-2.31702	0.669237	0.83352	-1.19973	0.995103	0.997366	-1.00264	0.121616	0.491009	-2.03625		0.383325	0.684677	-1.46054	0.036239	0.356156	-2.80618	0.0232473	0.316826	-3.15631	0.51893	0.758	-1.31926	0.27175	5.89154	2.52778	1
gb00262674	AGBL5;AGBL5	0.159141	0.571383	1.34967	1.34967	0.0556208	0.377313	-2.65008	0.0731321	0.671876	1.48899	0.0472227	0.708357	1.41156	0.0210727	0.752888	1.32819		0.251022	1.88613	1.88613	0.0249503	0.680778	-1.46856	0.649359	1.04723	1.04723	0.873348	0.943282	-1.06007	0.27173	0.943348	0.344882	1
gb14247055	RAB28;RAB28;RAB28	0.159141	?	?	?	0.603744	0.567322	-1.76267	0.182456	0.216166	-4.62607	0.577123	1.84004	1.84004	?	?			0.0112109	0.0320645	-31.1872	0.780156	1.35378	1.35378	0.695608	0.653342	-1.53059	0.480334	2.17415	2.17415	1.0061	30.4022	16.4975	1
gb05503791	C5orf54	0.159141	0.546488	?	0.943563	-1.05981	0.0328677	0.788531	-1.26818	0.134424	0.859499	-1.16347	0.41659	-2.40141	0.0240411	-1.08224	0.342365	1.0976	1.0976		0.0402448	0.99384	-1.0062	0.4344423	0.926928	-1.07883	0.9243893	1.12331	1.12331	0.0468788	0.805277	-1.24181	0.27168	0.297313	0.127567	1
gb01755701	ERC1;ERC1;ERC1;ERC1	0.159143	0.0215297	0.636064	-1.57217	0.972755	1.00561	1.00561	0.80177	1.04209	1.04209	0.0823829	1.37072	1.37072	0.199713	1.248561	1.24861		0.301459	0.893078	-1.11978	0.297402	0.837748	-1.19478	0.297402	0.837748	-1.19478	0.297402	0.646265	1.54807	1.54807	1.44424	1.44424	0.27183	1.44592	0.607471	1
gb14410198	GRHPR	0.15915	0.209835	1.42272	1.42272	0.861264	0.954407	-1.04777	0.197972	0.695598	-1.43761	0.0183352	2.14598	2.14598	0.982763	0.994254	-1.00578		0.718088	0.90811	-1.10119	0.912484	0.692126	-1.44482	0.242436	1.3859	1.3859	0.346949	1.29481	1.29481	0.27166	2.335	1.00188	1
gb26210098	NTN4	0.159148	0.0788644	0.576811	-1.68511	0.0328677	0.788531	-1.26818	0.134424	0.859499	-1.16347	0.41659	0.924011	-1.08224	0.342365	1.0976	1.0976		0.263988	0.802791	-1.24561	0.1494	0.799288	1.2511	0.56999	0.859601	-1.16304	0.897871	0.976114	-1.02447	0.27164	1.16389	0.499004	1
gb19960114	ATP6B4	0.159153	0.256413	2.26127	2.26127	0.47425	1.54646	1.64666	0.837867	1.15156	1.15156	0.26769	2.49691	2.49691	0.0985061	0.988031	-1.01211		0.901458	1.08906	1.08906	0.0038812	1.81552	1.81552	0.0242534	0.53963	0.639363	0.199707	2.54254	2.54254	0.27164	15.5652	6.67866	1
gb04776231	PTPN12;PTPN12;PTPN12	0.159153	0.722102	1.08511	1.08511	0.2529	0.762437	1.31158	0.3558	0.886987	1.12723	0.311445	0.695884	1.43743	0.0384273	0.361721	-2.76503		0.0135326	0.746565	-1.33945	0.0134407	0.568529	-1.75893	0.0842074	0.519177	-1.92612	0.0233348	0.435352	2.29669	1.00114	2.7129	1.00188	1
gb03074596	PPP1CA;PPP1CA;PPP1CA	0.159155	0.862755	1.18918	1.18918	0.419276	2.3251	2.3251	0.153472	5.2249	5.2249	?	?	?	?	0.634267	0.616693	1.62155	0.294412	1.10657	1.10657	?	?	?	0.0282036	0.042309	-23.6356	0.867837	1.18148	1.18148	0.91262	31.2611	6.13313	1
gb00108716	TRIM17;TRIM17;TRIM17;TRIM17	0.159155	0.202849	0.378604	-2.64129	0.112321	0.386085	1.48685	0.219021	2.54446	2.54446	0.657487	1.38042	1.38042	0.0410984	0.182186	-5.48888		0.535921	0.635805	-1.57281	0.138806	0.316266	-3.16193	0.0453159	0.570054	-1.75395	0.327609	0.48187	-2.07525	0.27163	17.1255	7.34818	1
gb15964593	AMTN	0.159155	0.2446	0.380272	-2.63054	0.0383095	0.145531	6.872356	0.0139536	0.274438	-4.59902	0.412252	0.359346	2.78206	0.0244679	0.364866	2.74126		0.0049407	0.0158345	-63.1495	0.0158966	0.0296603	-33.7111	0.0296603	0.144112	6.93716	0.0413084	0.0296603	-33.7111	0.27163	0.58304	0.21077	1
gb16613938	APC2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5638 vs. N)	Fold-Change(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg12564308	C6orf174	0.159318	0.662141	0.910791	-1.09795	0.783749	1.06021	1.06021	0.757263	0.936237	-1.06831	0.673595	1.09421	1.09421	0.15115	0.725145	-1.38668	0.825183	1.04814	1.04814	0.00671948	2.13162	2.13162	0.52524	0.637233	-1.14661	0.619889	1.11211	1.11211	2.0706	1.48111	0.635827	1
cg07936480	PLXNB2	0.159319	0.54941	0.800956	-1.24851	0.4783	0.767866	-1.30231	0.201457	0.634934	1.63934	0.0584304	0.456801	-2.18914	0.48693	0.771964	1.2954	0.019393	0.354939	-2.81739	0.3025343	0.676149	-1.47836	0.586993	1.222559	1.222559	0.587111	1.222251	1.222551	2.07559	1.440296	1.89015	1
cg22547485	ELF2;ELF2	0.15932	0.242359	0.684908	-1.46005	0.606253	1.17448	1.17448	0.00920795	2.78058	2.78058	0.4226	1.28836	1.28836	0.224321	0.673795	-1.48413	0.775958	0.915525	-1.09227	0.476423	0.799345	-1.25102	0.924227	1.02986	1.02986	0.674224	0.877417	-1.13971	2.07059	3.13759	1.34695	1
cg20470080	EXT1	0.159321	0.988386	1.01004	1.01004	0.1188049	1.05167	1.05167	0.0342973	1.44471	1.44471	0.280222	1.12758	1.12758	0.274102	0.457964	-1.18366	0.816269	1.17319	1.17319	0.954838	0.993878	-1.03963	0.870728	0.89425	-1.11826	0.620228	0.709774	-1.4089	2.07058	15.445	6.63045	1
cg18582497	EPHB6	0.159321	0.0119277	0.268569	-3.72343	0.200747	1.76158	1.76158	0.896987	0.947174	-1.05577	0.0861432	2.2133	2.2133	0.566807	1.27453	1.27453	0.771737	0.885254	-1.12962	0.949324	0.97372	-1.02699	0.902245	0.949818	-1.05283	0.853088	0.925268	-1.08077	2.07058	5.75713	2.47151	1
cg11132223	SELE	0.159322	0.456211	0.818033	-1.22265	0.207576	1.42153	1.42153	0.344215	0.772687	-1.29418	0.219927	0.707269	-1.41349	0.053103	1.78003	1.78003	0.357028	0.778238	-1.28495	0.902743	0.968162	-1.03289	0.224804	0.713579	-1.40139	0.0664258	0.579701	-1.72434	2.07058	2.2973	0.986235	1
cg19145387	YTHDF3	0.159322	0.135849	2.40666	2.40666	0.542295	1.4008	1.4008	0.880975	1.08532	1.08532	0.724607	0.824249	-1.21323	0.2589	0.525381	-1.90338	0.319253	0.569822	-1.75494	0.0113043	0.176674	-5.66015	0.452977	0.658527	-1.51854	0.329997	0.577363	-1.73201	2.07057	9.79126	4.20335	1
cg00580609	WDR47;WDR47;WDR47	0.159322	0.0244402	0.560999	-1.78253	0.108424	1.49371	1.49371	0.0902603	1.48268	1.48268	0.511502	0.866269	-1.15458	0.449488	1.18075	1.18075	0.925487	1.02037	1.02037	0.491492	0.860442	-1.16219	0.406919	1.0771	1.0771	0.809395	1.03885	1.02885	2.07057	1.52432	0.654586	1
cg00459447	THAP5;DNAJB9;THAP5	0.159323	0.668281	0.911857	-1.09666	0.2334048	0.55987	-1.78613	0.130957	2.711191	-1.40609	0.624334	0.773987	-1.29217	-1.06705	0.9235746	0.566775	-1.76437	0.759381	0.936356	-1.06797	0.545657	1.13986	1.13986	0.190687	1.18006	0.825023	1.21209	0.70757	1.50249	0.645014	1
cg12638871	RUVBL1	0.159325	0.536436	1.08329	1.08329	0.7820315	1.28409	1.28409	0.219743	1.17928	1.17928	0.826373	0.972317	-1.02847	0.484392	0.913194	-1.09506	0.672149	0.947056	-1.0559	0.0157177	0.758035	-1.3192	0.999623	0.99994	-1.00006	0.0538109	1.32285	1.32285	2.07056	0.535518	0.229897	1
cg08981282	LOC652276	0.159327	0.17943	1.11996	1.11996	0.2744	1.26172	1.26172	1.05077	1.05077	1.34313	1.34313	1.27853	1.27853	1.27853	1.27853	1.27853	0.2346	1.92346	1.92346	0.0177302	0.677303	-1.47644	0.616664	0.764272	-1.30468	0.428249	0.652887	-1.53166	2.07054	9.10498	3.90879	1
cg20225889	ZBTB22;ZBTB22;ZBTB22 KIAA1026;KIAA1026;KIAA1026;KIAA102	0.159327	0.663731	0.899014	-1.11233	0.145858	1.46225	1.46225	0.0144079	2.08332	2.08332	0.486467	0.841911	-1.18777	0.892141	0.967523	1.03357	0.371397	1.25026	1.25026	0.120077	1.50738	1.50738	0.112011	1.5237	1.5237	0.346045	1.26637	1.26637	2.07054	1.94207	0.833737	1
cg22736144	6;KIAA1026	0.159331	0.906429	0.951862	-1.05057	0.073097	2.31322	2.31322	0.870982	0.934078	-1.07057	0.368826	0.678918	-1.47293	0.0558327	2.48181	2.48181	0.825708	0.911621	-1.09695	0.325186	0.652957	-1.5315	0.0415769	2.67996	2.67996	0.604309	0.80305	-1.24525	2.07052	5.7724	2.47813	1
cg02533655	SYNPO;SYNPO;SYNPO;SYNPO	0.159332	0.612815	1.13043	1.13043	0.0573592	1.67612	1.67612	0.413501	1.22244	1.22244	0.452908	1.20161	1.20161	0.654499	0.89743	-1.11429	0.111507	0.659384	-1.51657	0.0213273	0.194394	0.653214	1.11478	1.11478	0.908207	0.97267	-1.0281	2.07051	1.89275	0.812574	1
cg26344233	FHL2;FHL2;FHL2;FHL2	0.159333	0.0904943	1.14086	1.14086	0.47	0.917146	-1.09034	0.6114459	0.532407	-1.95157	0.557989	1.66683	1.66683	0.154054	1.14339	1.14339	0.825152	1.13481	1.13481	0.154661	1.15972	1.15972	0.00756769	1.88308	1.88308	0.0126444	0.414498	0.414498	2.0705	5.86509	2.51987	1
cg26517151	C10orf137	0.159334	0.711956	0.854263	-1.1706	0.0082379	4.20111	4.20111	0.294786	1.58644	1.58644	0.151138	1.92201	1.92201	0.678192	0.837594	-1.1939	0.788256	1.12113	1.12113	0.574501	0.785895	-1.27243	0.136397	1.97093	1.97093	0.632388	1.22716	1.22716	2.0705	5.91546	2.53958	1
cg26082124	FAM101A	0.159334	0.951072	0.980946	-1.01905	0.828486	0.696372	-1.43601	0.0946039	1.82851	1.82851	0.079901	1.86622	1.86622	0.0917204	0.623896	-1.12375	0.128464	0.582026	-1.71748	0.135801	0.721541	-1.38592	0.162977	0.681584	-1.46717	0.184834	1.58717	1.58717	2.07046	3.53801	1.51894	1
cg26253898	GCG	0.159343	0.110423	0.59403	-1.68087	0.106078	0.599106	-1.69174	0.0357775	0.482249	-2.07362	0.163589	0.641577	-1.55866	0.132266	0.641577	-1.55866	0.056334	0.524609	-1.90518	0.985006	0.994628	-1.0054	0.609	1.1665	1.1665	0.852266	1.05723	1.05723	2.07046	2.92221	1.25456	1
cg03960390	RER1	0.159342	0.374709	0.802277	-1.24645	0.00924395	2.22284	2.22284	0.747454	1.08125	1.08125	0.200711	0.721247	-1.38649	0.552497	0.864762	-1.15639	0.508557	0.850307	-1.17605	0.399996	1.2316	1.2316	0.825018	1.055	1.055	0.412225	1.22472	1.22472	2.07045	1.91708	0.823043	1
cg10486879	NCRNA00167;PRDM10;PRDM10	0.159347	0.382035	1.42623	1.42623	0.383131	1.24095	1.24095	0.729188	0.836563	-1.14147	0.0385184	0.967535	-1.03382	0.0985384	1.38701	1.38701	0.709196	1.15992	1.15992	0.0395565	0.388585	2.57344	0.0935545	1.23057	1.23057	0.659573	0.838994	-1.1919	2.07042	5.1425	2.20782	1
cg07781988	AF1;AFF1	0.159348	0.0492432	0.619988	-1.61293	0.605169	1.11748	1.11748	0.062854	1.56168	1.56168	0.760479	1.06729	1.06729	0.195714	0.745004	-1.34227	0.135537	0.709895	-1.40866	0.193068	0.745748	-1.34094	0.525184	0.871855	-1.14698	0.440482	0.845736	-1.1824	2.07041	1.48749	0.638624	1
cg15115694	MYO1H	0.159349	0.344336	0.8869	-1.12753	0.732751	1.16531	1.16531	0.0169003	0.648823	1.54053	0.567452	0.821153	1.21753	0.0169003	0.648823	1.54053	0.567452	1.08611	1.08611	0.0921	1.23112	1.23112	0.0433782	1.14061	1.14061	0.0922187	1.25977	1.25977	0.8323158	0.965973	1.16523	2.07041	2.73417	0.332911	1
cg08933517	TDRD9	0.159354	0.098686	-1.321551	-3.10993	0.00961496	0.12823	-7.79851	0.0871699	0.306204	-3.26579	0.307697	0.516005	-1.93797	0.113415	0.339792	2.94298	0.244349	0.466183	2.14508	0.971432	0.97781	-1.02269	0.709468	0.790959	-1.26429	0.350753	0.547818	1.82542	2.07037	12.8748	5.52764	1
cg02715592	NCKAP5;NCKAP5;NCKAP5;NCKAP5	0.159357	0.127842	0.553297	-1.80735	0.066985	0.477973	-2.09217	0.027704	0.392323	-2.54892	0.0901084	0.510914	-1.95728	0.052071	0.451726	-2.21373	0.441489	0.754142	-1.32601	0.167111	0.588898	-1.69809	0.248045	0.550285	-1.81724	0.671252	0.857711	-1.16589	2.07035	4.23824	1.81965	1
cg02304070	TMEM117	0.159363	0.421	1.09751	1.09751	0.315098	1.12476	1.12476	0.0725826	1.25449	1.25449	0.644816	0.831541	1.20294	0.144576	1.19467	1.19467	0.189982	1.54561	1.54561	-1.17012	0.412668	0.909559	-1.09943	0.41501	1.09875	1.0075469	1.34301	1.34301	2.07032	0.420025	0.180337	1
cg02029841	MYO10	0.159364	0.0711862	0.67903	0.67903	0.542389	0.575655	-1.73715	0.482923	0.528045	-1.89378	0.201252	3.34902	3.34902	0.510006	0.549647	-1.81935	0.272295	2.78236	2.78236	0.334089	2.4404	2.4404	0.019445	12.5536	12.5536	0.253845	2.87193	2.87193	2.07031	26.296	11.2902	1
cg25325709	CASKIN2;CASKIN2	0.159364	0.229373	1.60013	1.60013	0.433154	1.09519	1.09519	0.448323	1.38788	1.38788	0.548323	1.28754	1.28754	0.361936	0.673134	-1.4768	0.939004	1.03234	1.03234	0.424413	0.96825	1.03234	0.528404	0.96025	0.96025	0.886405	0.98448	0.98448	2.0703	5.67664	2.43727	1
cg24635384	SDK2	0.159365	0.0578126	0.376891	-2.65329	0.174311	0.518182	-1.92982	0.460201	0.75016	0.57885	-1.72756	0.0178429	0.260803	0.70641	0.41355	0.683667	-1.4627	0.0379095	0.418739	-2.38812	0.0690129	0.396264	-2.52357	0.155112	0.500486	1.99806	0.703	0.78636	2.91374	1
cg26202149	TP73;TP73;TP73;TP73	0.159366	0.313573	0.810688	-1.23352	0.96899	0.992203	-1.00786	0.0156409	0.550613	-1.81636	0.144229	0.707705	-1.41302	0.0901249	0.686534	-1.45659	0.730624	0.932773	-1.07207	0.664626	0.658399	-1.51883	0.176928	0.749009	-1.3351	0.148798	0.732131	-1.36588	2.07029	1.32944	0.570799	1
cg03127000	TCEAL1;TCEAL1;TCEAL1	0.159369	0.0500043	1.98445	1.98445	0.5041	0.978731	-2.2212	0.2226887	0.975519	-2.10297	0.999102	0.545009	1.83564	0.0199394	1.43081	1.43081	0.08971	1.03488	1.03488	0.945021	1.08541	1.08541	0.690541	0.92062	1.0904	1.0904	0.629062	1.12923	1.12923	2.07028	12.1134	4.81454	1
cg16459182	BCDIN3D	0.159371	0.976803	1.0024	1.0024	0.168749	0.886	-1.12867	0.0922984	1.16525	1.16525	0.267215	0.909004	-1.10011	0.20129	1.11783	1.11783	0.14677	1.13717	1.13717	0.973754	0.997288	-1.00272	0.139546	0.87701	-1.14024	0.172959	0.887185	-1.12716	2.07027	0.23388	0.0959132	1
cg13588380	NAIC2	0.159374	0.0854356	1.86455	1.86455	0.722543	0.568679	-1.75734	0.0134432	0.346966	-2.88359	0.127351	0.582604	-1.72931	0.0082406	0.572597	-1.74607	0.0855197	1.02396	1.02396	0.907537	-1.10094	0.0995121	1.20229	1.20229	0.576038	1.17864	0.747187	1.18082	1.18082	2.07027	0.724217	0.279579	1
cg03156098	GABBR1;GABBR1	0.159375	0.6660352	0.917943	-1.08939	0.0893382	0.691166	-1.44683	0.0651638	1.50418	1.50418	0.806977	1.04945	1.04945	0.438654	0.855766	-1.16854	0.865626	1.03196	1.03196	0.0723083	0.673365	-1.48508	0.0652447	0.664915	-1.50395	0.949354	0.987553	-1.0126	2.07024	1.27477	0.547342	1
cg15616382	MKX	0.159376	0.255431	1.70817	1.70817	0.370107	1.51448	1.51448	0.0591666	2.63176	2.63176	0.909096	1.05286	1.05286	0.995675	1.00245	1.00245	0.688574	1.19924	1.19924	0.0294135	1.3797	1.3797	0.847082	1.09097	1.09097	0.0185981	1.62107	1.62107	2.07024	6.66816	2.86308	1
cg21692182	ABCA4	0.159376	0.206753	1.54098	1.54098	0.1729	0.907092	-1.10206	0.301406	0.768223	1.30157	0.0169203	0.688423	1.45208	0.0169203	0.688423	1.45208	0.080868	1.35146	1.35146	0.0152427	1.61085	1.61085	0.0249381	1.89752	1.89752	0.0113438	1.41819	1.41819	2.07023	11.1771	4.79736	0.9408404	1
cg22476807	GLRA1;GLRA1	0.159377	0.0660059	0.38894	-2.57109	0.139503	0.482836	-2.0711	0.0139175	0.248805	-4.01922	0.140845	0.484203	-2.06525	0.15442	0.497601	-2.00964	0.331821	0.632281	-1.58158	0.193193	0.530764	-1.88408	0.994139	0.996643	-1.00337	0.137737	0.481024	-2.0789	2.07023	6.87364	2.95132	1
cg21245816	LOC153684	0.159384	0.0866866	1.45662	1.45662	0.460991	0.969851	-1.03145	0.0556502	0.824257	0.82257	0.415512	0.824257	0.82257	0.415512	0.824257	0.82257	0.842421	1.84316	1.84316	0.0595291	0.820206	-1.58221	0.0907702	0.890762	-1.12304	0.404814	0.998466	-1.00154	2.07022	2.74827	1.19297	1
cg18680035	VAV1	0.159383	0.138306	0.299432	-4.17656	0.144448	0.245524	-4.07292	0.132389	0.233475	-4.28311	0.494975	0.493452	-2.02614	0.0221325	0.0610449	-16.3814	0.13858	2.39706	-4.17178	0.20514	0.301925	-3.31208	0.284089	0.369029	-2.70981	0.0188838	0.152048	0.57686	2.07019	26.312	11.2977	1
cg09161412	MYO15A	0.159383	0.0530763	33.7217	33.7217	0.136486	13.0369	13.0369	0.653833	2.05959	2.05959	0.142334	12.4845	12.4845	0.525471	2.8006	2.8006	0.175176	10.0524	10.0524	?	?	0.0790574	22.6704	22.6704	0.0266929	66.8818	66.8818	0.08563	75.2237	36.0676	1
cg07128086	WHSC1	0.159383	0.139773	1.84063	1.84063	0.4238	0.808298	-1.23717	0.2364376	0.810345	1.0345	0.719984	0.819095	1.22095	0.719984	0.819095	1.22095	0.108241	1.27058	1.27058	0.0643353	0.784671	-1.27442	0.0254141	1.2024	1.2024	0.207019	0.612376	0.612376	2.07019	0.262939	1	
cg08300443	EXOSC5;EXOSC5;BCKDHA;BCKDHA	0.159384	0.101557	0.62036	-1.61197	0.634315	0.877373	-2.09217	0.027704	0.392323	-2.54892	0.0901084	0.510914	-1.95728	0.052071	0.451726	-2.21373	0.887983	0.963157	-1.03825	0.487303	0.82731	-1.20874	0.127075	1.55063	1.55063	0.355648	-1.1687	2.07018	3.25298	0.998723	1	
cg22771227	C10orf53;C10orf53	0.159384	0.778035	1.08256	1.08256	0.2744	0.94352	-1.06054	0.5132	0.855258	1.18227	0.158751	0.916331	1.09128	0.503657	0.688423	-1.45209	0.483154	0.794529	1.25896	0.0694328	1.35936	1.35936	0.0152427	1.61085	1.61085	0.0249381	1.89752	1.89752	0.0113438	1.41819	1.41819	2.07018	11.1771	4.79736	0.9408404	1
cg23091526	NCRNA00171	0.159388	0.743432	0.879513	-1.13699	0.444709	0.737452	-1.35602	0.0047167	0.230474	-4.33888	0.962047	0.01967	1.01967	0.104623	0.499892	-2.00043	0.741338	0.878551	-1.13824	0.894209	1.01538	1.01538	0.492424	0.761455	-1.31327	0.270817	0.638806	-1.56542	2.07016	0.509572	2.15108	1
cg22986273	SACM1L	0.159388	0.477863	1.10179	1.10179	0.186577	1.24041	1.24041	0.914998	1.01645	1.01645	0.855473	1.02479	1.02479	0.842285	0.974592	-1.02607	0.079558	0.746986	1.33989	0.0242659	0.685104	-1.45963	0.0412994	1.07435	1.07435	0.416304	1.11258	1.11258	2.07016	0.591636	0.254038	1
cg14819368	JMY	0.159388	0.0863134	1.35014	1.35014	0.507724	0.926878	-1.08006	0.7216763	0.52692	1.12068	0.583924	0.690378	-1.44848	0.482491	1.12954	1.12954	0.183228	1.23715	1.23715	0.847615	0.907424	-1.10192	0.266592	0.839931	-1.19057	0.899156	0.983075	-1.01929	2.07016	0.74461	0.319723	1
cg12644617	NCRNA00200	0.15939	0.196431	1.55204	1.55204	0.364949	0.741122	-1.34931	0.633865	1.16698	1.16698	0.0871362	0.544484	-1.8366	0.233995	0.669298	-1.4941	0.368812	1.34589	1.34589	0.742536	1.11192	1.11192	0.0378442	2.17055	2.17055	0.278205	1.43746	1.43746	2.07015	3.39572	1.45807	1
cg21726512	GRID2	0.15939	0.26932	1.60884	1.60884	0.4313	0.739805	-1.35177	0.0777873	0.621273	-1.8441	0.594537	0.796425	1.25564	0.594537	0.796425	1.25564	0.0839854	1.19457	1.19457	0.200316	0.416797	-2.39854	0.0244181	0.904695	-1.10534	0.983622	0.563139	-1.77576	2.07014	0.20519	0.0859209	1
cg03196680	C11orf67;RSF1	0.159391	0.480168	0.769178	-1.30009	0.228666	0.629772	-1.58788	0.2917	1.49245	1.49245	0.00828046	0.290653	-3.44052	0.608965	1.20784	1.20784	0.523656	1.26686	1.26686	0.488614	1.29368	1.29368	0.780167	1.10783	1.10783	0.909294	1.04259	1.04259	2.07014	4.39183	1.88579	1
cg14209252	BCL3	0.159398	0.19045	1.5214	1.5214	0.520238	0.926106	-1.08006	0.218	1.24607	1.24607	0.508198	-1.96774	0.11035	1.60299	1.60299	0.315047	0.730265	-1.36937	0.153262	1.30425	1.30425	0.0433895	1.58004	0.874424	0.953271	-1.04902	0.880454	2.68806	1.28361	1
cg20595457	RASSF5;RASSF5;RASSF5	0.159399	0.0894725	0.220078	-4.54384	0.147314	3.51538	3.51538	0.990841	1.00932	1.00932	0.156572	0.293715	-3.40466	0.0440541	1.47741	1.47741	0.593139	0.646605	-1.54654	0.123739	0.580315	-1.72305	0.0425657	0.814912	-1.22713	0.258771	0.584341	-1.71133	0.701971	1.18497	0.18945	0.104648	2.92718	1
cg26271045	LRRFIP1	0.159411	0.113962	0.456527	-2.19045	0.987536	0.700175	1.00715	0.0475357	2.83081	2.83081	0.383156	0.665118	-1.50349	0.056501	0.389816	-2.56531	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg23273221	6;KIAA1026;KIAA1026;KIAA1026;KIAA102	0.159414	0.821735	1.03666	1.03666	0.624697	0.924345	-1.08185	0.546746	1.1022	1.1022	0.846253	0.9695	-1.03146	0.937116	1.01267	1.01267	0.475352	0.890636	-1.12279	0.00380411	1.86409	1.86409	0.777408	1.04626	1.04626	0.837927	1.03322	1.03322	2.06999	0.834658	0.358416	1
cg14340110	EIF3B;EIF3B	0.159414	0.111342	0.179612	-5.63422	0.021874	0.215285	-4.64501	0.910229	0.6449	1.06449	0.835889	1.12278	1.12278	0.0928265	1.264685	-1.37866	0.190345	0.401035	-2.49307	0.0275008	0.272308	-3.67097	0.0720376	1.38034	1.38034	0.0158829	1.29482	0.788212	0.80043	-1.24921	0.0158829	1
cg11752118	ZNF845	0.159424	0.653121	0.94991	1.04992	0.0962324	1.42322	1.42322	0.0339993	1.30539	1.30539	0.257585	1.13567	1.13567	0.422896	1.09215	1.09215	0.418493	1.03911	1.03911	0.630288	1.15361	1.15361	0.555935	0.937872	-1.06624	0.712926	1.0406	1.0406	2.06993	0.380173	0.163257	1
cg21545079	CPNE6	0.159426	0.176764	0.519708	-1.92416	0.233143	1.76798	1.76798	0.0637141	2.58602	2.58602	0.166132	2.03632	2.03632	0.407685	0.679743	-1.47114	0.591712	1.27991	1.27991	0.419888	0.686847	-1.45593	0.0987612	0.438185	-2.28214	0.542016	0.754763	-1.32492	2.06992	6.81111	2.92491	1
cg21545840	CHD6	0.159428	0.558059	0.915712	-1.09237	0.29202	1.37542	1.37542	0.0135	1.18042	1.18042	0.167631	0.919526	1.08772	0.167631	0.919526	1.08772	0.28741	1.20411	1.20411	0.0997692	0.764853	-1.3074	0.362	0.766483	-1.30744	0.362	1.14449	1.14449	2.06991	0.724049	0.310931	1
cg03907738	SNX30	0.159428	0.261334	0.753506	-1.32713	0.69471	1.13256	1.13256	0.38949	0.808104	-1.23747	0.224662	0.734804	-1.36091	0.032858	0.547134	-1.82771	0.168661	0.70161	-1.42529	0.126459	0.94098	-1.06243	0.583016	0.87463	-1.14334	0.0921001	0.638914	-1.56515	2.06991	1.91368	0.821797	1
cg15139737	C8G;PBXW1	0.159432	0.0573422	1.32554	1.32554	0.486106	0.773197	-1.29356	0.0886575	0.774191	-1.29156	0.0248263	0.422422	-2.36762	0.0312312	0.878941	-1.13792	0.149428	1.14924	1.14924	0.0454623	0.875629	-1.14204	0.0783155	0.773864	-1.29222	0.0923109	1.12967	1.12967	2.06991	0.958183	0.151247	1
cg14417099	PCMT1	0.159434	0.0302322	0.149406	-6.69317	0.512577	0.609257	-1.64134	0.132944	0.298326	-3.35204	0.278041	0.431015	-2.3201	0.089714	0.247649	-4.03797	0.783642	0.814355	-1.22797	0.0165766	0.112651	-8.87695	0.719433	0.774876	-1.29053	0.248585	0.406619	-2.45931	2.06987	18.2495	7.8371	1
cg12099971	ZNF34	0.159444	0.0561385	1.9804	1.9804	0.357959	0.741846	-1.34799	0.0806392	0.542255	-1.84417	0.725323	1.11788	1.11788	0.199381	0.558018	-1.79206	0.847989	1.06249	1.06249	0.19923	0.615104	-1.62545	0.390978	1.32002	1.32002	0.356642	0.741204	-1.34916	2.0698	3.27095	1.40473	1
cg16470576	NOP16;HIGD2A	0.159444	0.263483	1.73843	1.73843	0.6756	0.929236	-1.07625	0.0637373	0.662937	1.50863	0.0637373	0.662937	1.50863	0.0637373	0.662937	1.50863	0.0809027	1.19478	1.19478	0.0544	0.827482	-1.20849	0.0833163	1.02214	1.02214	0.92527	1.1306	1.1306	2.0698	0.825183	0.151247	1
cg04830825	RNF220 MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;	0.159447	0.0892657	0.592888	-1.68666	0.340947	1.31491	1.31491	0.0395499	1.94284	1.94284	0.285836	0.734009	-1.36238	0.870745	1.04648	1.04648	0.684195	1.12085	1.12085	0.449672	0.806618	-1.23974	0.986469	0.99528	-1.00474	0.077768	1.72779	1.72779	2.06979	2.55124	1.09565	1
cg08547457	MDM2;MDM2;MDM2	0.159448	0.180489	0.801067	-1.24834	0.227508

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1227 vs. N)	Ratio(1227 vs. N)	Fold-Change(1251 vs. N)	Ratio(1251 vs. N)	Fold-Change(1257 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08688169	P2RX7	0.15961	0.358586	-2.78873	0.0200568	0.150655	-6.63768	0.0771808	0.265636	-3.76456	0.617509	0.71201	-1.40448	0.171392	0.374405	-2.67091	0.0858279	0.277818	-3.59948	0.0839821	0.275275	-3.63273	0.130175	0.5331934	-3.01265	0.893317	0.913454	-1.09475	2.06876	14.9127	6.40758	1
cg13149276	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	0.159619	0.247974	0.847384	-1.1801	0.03584	1.39769	1.39769	0.154735	1.23223	1.23223	0.260043	0.85122	-1.17478	0.832559	1.02945	1.02945	0.315046	0.867235	-1.15309	0.105486	-1.27442	0.758366	1.04322	1.04322	0.603707	1.07444	1.07444	2.0687	0.615947	0.264663	1
cg13222752	TMEM30A	0.159621	0.579899	1.10166	1.10166	0.268286	0.818999	-1.221	0.153013	1.30343	1.30343	0.232996	0.805285	-1.2418	0.28816	0.82617	-1.2104	0.898034	0.978044	-1.02245	0.279379	1.215	1.215	0.042143	1.49993	1.49993	0.1143116	1.3464	1.3464	2.06869	0.982462	0.422151	1
cg19725794	PDLIM	0.0900016	0.365664	-2.74375	0.154229	1.82416	1.812681	0.959781	-1.04418	0.627494	0.864774	-1.21254	0.37631	0.609218	-1.43017	0.720124	0.867849	-1.15227	0.175413	0.56673	-1.76451	0.193931	1.71886	1.71886	0.1596273	1.7139	1.7139	2.06867	5.08858	2.18652	1
cg07618733	LARS ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF	0.159626	0.548357	0.900473	-1.11053	0.740271	0.944196	-1.0591	0.007591184	1.80878	1.80878	0.440342	1.14545	0.167445	0.764741	0.950101	-1.05252	0.767179	1.05388	0.53388	0.843392	0.966435	-1.03473	0.539745	0.898385	-1.11311	0.156375	0.769738	-1.29914	0.26866	0.976113	0.419429	1
cg04210544	7	0.159629	0.664951	1.0579	1.0579	0.892476	1.01762	1.01762	0.313284	0.873965	-1.14421	0.578235	1.07524	1.07524	0.0156258	1.46648	1.46648	0.607239	1.06926	1.06926	0.458171	1.1025	1.1025	0.692249	0.949912	-1.05273	0.0282714	1.39728	1.39728	2.06864	0.546621	0.234882	1
cg16137553	CLN8	0.159631	0.214188	2.72813	2.72813	0.331775	2.15639	2.15639	0.514797	1.66015	1.66015	0.267713	2.4255	2.4255	0.181194	2.95591	2.95591	0.0516041	5.47502	5.47502	0.013679	10.3834	10.3834	0.0851358	4.3095	4.3095	0.110521	3.79842	3.79842	2.06862	19.2951	8.29111	1
cg03993133	PANK4	0.159635	0.0260356	0.45824	-2.18226	0.652942	0.874828	-1.14308	0.522207	1.21121	1.21121	0.193989	0.622605	-1.62268	0.733797	0.904073	-1.10611	0.743899	1.10169	1.10169	0.106273	1.68389	1.68389	0.352867	1.32634	1.32634	0.289612	1.38365	1.38365	2.0686	2.85945	1.22872	1
cg24290320	ARHGAP10	0.159639	0.887372	1.07389	1.07389	0.184278	0.492422	-2.03078	0.135995	0.445695	-2.24369	0.96843	1.02011	1.02011	0.0418701	0.307374	-3.25336	0.790989	1.14295	1.14295	0.525271	1.38237	1.38237	0.0595665	2.9141	2.9141	0.4008881	1.54113	1.54113	2.06857	8.28934	3.56202	1
cg00935782	PAQR4	0.159643	0.729278	1.07077	1.07077	0.784107	0.964197	-1.0364	0.719475	1.16822	1.16883	0.175173	1.17486	1.17486	0.0127298	1.47475	1.47475	0.286091	1.24643	1.24643	0.324734	1.19728	1.19728	0.105259	0.8015849	1.38944	1.38944	0.268615	1.02083	1.02083	2.06857	0.441287	1
cg14758526	PS	0.159646	0.77307	0.933726	-1.07098	0.154089	0.936379	-1.496	0.182087	0.714699	-1.39919	0.0520979	0.59213	-1.68882	0.66466	1.10898	1.10898	0.143651	1.45313	1.45313	0.165457	1.42027	1.42027	0.59232	1.13677	1.13677	0.216044	0.734345	-1.36176	0.26853	1.84229	0.791857	1
cg18634296	THNSL1;ENKUR ALG13;ALG13;ALG13;ALG13;ALG13;ALG 13;ALG13;ALG13;ALG13;ALG13;ALG13;	0.159648	0.56475	1.55274	1.55274	0.0187019	9.18713	9.18713	?	?	?	0.720249	1.31202	1.31202	0.749102	1.27415	1.27415	0.258319	0.408222	-2.44965	?	?	?	0.169446	0.327765	-3.05097	0.795584	0.822018	-1.21652	2.20263	15.1276	6.86798	1
cg15612444	ALG13;ALG13;ALG13;ALG	0.159649	0.390262	0.439347	-2.27611	0.300423	0.366966	-2.72505	0.0890131	5.76764	5.76764	0.901477	1.12266	1.12266	0.0234412	12.5444	12.5444	0.152972	0.239343	-4.1781	0.981183	0.978208	-1.02228	0.618799	1.59777	1.59777	0.52354	0.546637	-1.82937	2.06851	28.5937	12.2874	1
cg00192615	GRSN1	0.159655	0.430029	1.24376	1.24376	0.0494701	1.89807	1.89807	0.757576	1.08746	1.08746	0.746142	0.915793	-1.09195	0.514792	1.51042	1.51042	0.152765	1.29556	1.29556	0.0972131	2.19463	2.19463	0.0730189	1.71857	1.71857	0.841303	1.05579	1.05579	2.06851	2.40266	1.02104	1
cg03971346	ANKRD11	0.159652	0.0508449	0.8274	1.20821	0.1047211	2.25633	2.25633	0.8857754	1.03973	1.03973	0.183587	1.46572	1.46572	0.798643	1.07173	1.07173	0.0700057	1.73153	1.73153	0.932556	0.977323	-1.0232	0.273109	1.3622	1.3622	0.982012	1.00613	1.00613	2.0685	2.40606	1.03395	1
cg09024791	MIR488;ASTN1;ASTN1	0.159653	0.212022	0.764943	-1.30729	0.163084	1.35675	1.35675	0.94478	1.01422	1.01422	0.0206517	0.566614	-1.76487	0.744076	1.06905	1.06905	0.608623	1.111	1.111	1.111714	1.42343	1.42343	0.612678	1.10966	1.10966	0.510536	1.14573	1.14573	2.06849	1.361	0.584859	1
cg14992154	PACRGL;PACRGL	0.159655	?	?	?	?	6.661	6.661	0.134942	1.24739	1.24739	0.162729	1.2632	1.2632	?	?	?	0.176435	0.729229	0.729229	0.388757	-2.5723	0.337199	0.440658	-2.26934	0.2428	18.4427	6.7475	1
cg09099653	DGCR6L	0.159655	0.674282	1.17157	1.17157	0.0544339	2.26481	2.26481	0.0407168	2.42307	2.42307	0.674282	1.17157	1.17157	0.227543	1.60725	1.60725	0.166488	1.73781	1.73781	0.167321	2.98625	2.98625	0.279414	1.52386	1.52386	0.263573	1.54419	1.54419	2.06847	4.59705	1.9755	1
cg00679877	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.159657	0.241012	0.727785	-1.37403	0.782873	0.930983	-1.07413	0.166617	0.682645	-1.46489	0.642483	0.88601	-1.12866	0.851093	1.04954	1.04954	0.350918	1.28216	1.28216	0.0104646	2.30309	2.30309	0.960743	0.987339	-1.01282	0.521457	0.845164	-1.1832	2.06846	2.19552	0.943491	1
cg00161124	SLC35F3	0.159658	0.147738	2.32981	3.34858	0.0225556	-1.82655	0.0553693	0.24862	-4.00529	0.070536	0.384763	-2.27432	0.218445	0.433571	2.29584	2.29584	0.342516	0.533718	-1.87365	0.145758	0.458638	-2.18037	0.115606	0.333474	-2.99873	0.531148	0.66545	-1.50274	2.06846	9.56344	5.80317	1
cg11144923	DLGAP2	0.159658	0.442638	1.18762	1.18762	0.303632	0.79134	-1.26368	0.0993088	0.672434	-1.48734	0.914201	0.976605	-1.02396	0.539639	0.872494	-1.14614	0.54892	0.875276	-1.1425	0.0168218	1.8979	1.8979	0.544013	0.873807	-1.14442	0.262126	0.773494	-1.29283	0.68545	1.58057	0.67923	1
cg12991163	TMEM199;POLDIP2	0.15966	0.424251	1.10536	1.10536	0.378534	0.786436	-1.27106	0.583874	0.97095	1.03095	0.0199777	0.78956	-1.26662	0.0214204	1.39274	1.39274	0.541485	1.02634	-1.07882	0.617297	0.940037	-1.06379	0.644107	1.0246	1.0246	0.0894133	1.25843	1.25843	2.06845	0.649565	0.212104	1
cg00727112	FNIP2	0.159664	0.728047	0.960945	-1.04064	0.89538	1.01513	1.01513	0.531879	1.07494	1.07494	0.813329	0.973366	-1.02736	0.178335	1.17702	1.17702	0.47168	0.919845	-1.08714	0.0117807	0.923698	0.923698	0.571266	1.06747	1.06747	0.152652	1.19103	1.19103	2.06842	0.426634	0.183343	1
cg01936555	SLC17A2	0.159664	0.83579	1.07329	1.07329	0.0318608	0.424395	-2.3563	0.768557	0.904339	-1.10578	0.0272005	0.24696	-4.04696	0.875921	0.948147	-1.05469	0.808586	1.08622	1.08622	0.386761	0.7391	-1.353	0.342031	0.716338	-1.39599	0.320257	0.70471	-1.41902	2.06842	3.80388	1.63469	1
cg07107867	S100A3	0.159668	0.42588	1.10967	1.10967	0.370562	0.774702	-1.2479	0.511251	0.976309	-1.02437	0.841864	0.990307	-1.01009	0.940128	1.08871	1.08871	0.154611	0.622817	-1.60554	0.159803	0.944501	0.940471	0.824824	-1.21238	0.353246	0.743152	0.945284	-1.05776	2.06841	3.16411	1.35976	1
cg07020822	ZNF605;ZNF605	0.159666	0.344099	0.549441	-1.81838	0.152927	2.55782	2.55782	0.385083	1.72697	1.72697	0.121641	0.357162	-2.79985	0.205224	0.44041	2.27061	0.637007	0.747038	-1.33862	0.0273781	0.201627	-4.95966	0.773059	0.83744	-1.19411	0.37417	1.75012	1.75012	2.06841	12.332	5.2996	1
cg06913345	RBM51;RBM51	0.159669	0.894746	1.01754	1.01754	0.0494622	1.34251	1.34251	0.924534	1.01253	1.01253	0.118644	0.800403	-1.24927	0.365535	0.830414	1.20433	0.620178	0.936468	-1.06784	0.306152	1.14936	1.14936	0.103128	0.790031	-1.26581	0.153353	1.22384	1.22384	2.06839	0.565491	0.246312	1
cg06085544	HIJURP	0.159671	0.895248	0.986067	-1.01413	0.200798	1.15479	1.15479	0.0150817	0.72751	-1.37455	0.889929	1.01486	1.01486	0.112055	1.20238	1.20238	0.243038	1.13897	1.13897	0.414342	1.09295	1.09295	0.694042	1.04301	1.04301	0.862931	1.01858	1.01858	2.06837	0.371647	0.159716	1
cg12891810	DDX42;DDX42	0.159672	0.769366	0.892525	-1.12042	0.0514994	0.424327	-2.35667	0.0277339	0.365606	-2.77518	0.105784	0.504968	-1.98032	0.061979	0.449639	-2.25409	0.572841	0.802243	-1.24651	0.5194	0.776799	-1.28733	0.605275	0.817404	-1.22339	0.0575179	0.435743	-2.29493	0.83837	4.8991	2.10541	1
cg19957518	ZNF765	0.159676	0.926747	0.981889	-1.01829	0.193125	0.754263	-1.3258	0.726524	0.932228	-1.0727	0.645549	0.910174	-1.09761	0.315214	1.40577	1.40577	0.363053	0.829586	-1.20542	0.00857867	1.95437	1.95437	0.992398	0.998098	-1.00191	0.546073	1.12986	1.12986	2.06835	1.30847	0.562124	1
cg17683211	NT5DC1	0.159675	0.231401	0.725453	-1.37845	0.0794338	0.607861	-1.64511	0.739063	0.918078	-1.08923	0.953062	0.985062	-1.01516	0.928499	0.977313	-1.02321	0.476257	1.20346	1.20346	0.245492	1.36423	1.36423	0.195751	1.41883	1.41883	0.0288154	1.93315	1.93315	2.06835	2.14159	0.920367	1
cg00376968	TSPAN19 LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFI	0.159678	0.353857	0.67778	-1.47545	0.0823014	0.882134	-1.11361	0.8838765	0.456865	-2.18885	0.616718	1.22056	1.22056	0.124214	0.809359	-1.51752	0.533452	0.772364	-1.29473	0.00529604	0.258874	-3.86288	0.319973	1.52327	1.52327	0.607165	0.824824	-1.17369	2.06833	5.4939	2.36106	1
cg18436491	P1	0.159678	0.593213	1.11375	1.11375	0.0888703	0.510249	-1.95983	0.395042	0.84026	-1.19011	0.567182	0.890866	-1.1225	0.486111	0.86814	-1.15189	0.280093	0.709165	-1.41003	0.402389	1.18676	1.18676	0.299576	0.809236	-1.23573	0.208433	1.30772	1.30772	2.06835	0.562005	1
cg07889003	HLA-DRB1	0.159679	0.732267	0.908274	-1.10078	0.385866	0.103717	-9.64163	0.0613573	0.277897	-3.59846	0.417314	0.369325	-2.70764	0.00931789	3.0189932	3.0189932	0.74786	0.878092	-1.13944	0.0915489	0.507239	-1.97139	0.191323	0.189668	-5.27238	0.817177	0.757078	-1.32082	2.06832	47.3046	20.1258	1
cg13868347	RBM24;RBM24;RBM24	0.159679	0.307524	0.669634	-1.49335	0.0131291	0.311088	-3.21453	0.557436	0.798316	-1.25264	0.264403	0.642980	-1.55524	?	?	?	0.564595	1.24742	1.24742	0.369534	1.41889	1.41889	0.641564	0.790503	-1.26502	0.117882	0.524839	-1.90535	2.03872	4.22809	2.02911	1
cg26727807	CENPE	0.159684	0.793427	1.03831	1.03831	0.0982584	0.538348	-1.85864	0.539164	0.928719	-1.07669	0.748215	0.963719	-1.03768	0.482263	1.53125	1.53125	0.948923	0.97374	-1.02697	?	?	?	0.272251	0.502013	-1.9919	0.148615	0.391605	1.55514	2.06832	0.554144	0.268122	1
cg09696301	SLC6A5	0.159684	0.50991	0.73689	-1.35705	0.00784661	0.210498	-4.75064	0.544556	0.755695	-1.32329	0.967593	0.981615	-1.01873	0.913228	0.951432	-1.05105	0.633345	0.802915	-1.24546	0.144473	0.488711	-2.0462	0.329525	1.58348	1.58348	0.353374	1.54675	1.54675	2.06829	6.83387	2.93699	1
cg06934523	KIAA0247	0.159685	0.686756	0.884775	-1.12976	0.305246	1.31836	1.31836	0.0343463	1.96877	1.96877	0.0958183	1.6664	1.6664	0.429472	1.81553	1.81553	0.557963	1.14012	1.14012	0.5107	1.24414	1.24414	0.403504	1.14295	1.14295	0.0372791	1.1983	1.1983	2.06828	2.15189	1.09729	1
cg03375366	CTTN;CTTN	0.159687	0.613485	1.13255	1.13255	0.0141843	2.09491	2.09491	0.163834	1.43155	1.43155	0.180558	1.70646	1.70646	0.415491	1.43663	1.43663	0.782769	1.05929	1.05929	0.760467	1.41549	1.41549	0.343663	0.788191	-1.09207	0.598132	0.878106	1.13882	1.13882	0.804415	2.14314	0.82877	1.95636	0.840792	1.13582	1
cg01479396	SHBG;SAT2	0.159688	0.48368	1.35487	1.35487	0.0167426	3.47621	3.47621	0.0374049	2.80269	2.80269	0.569545	1.27794	1.27794	0.769673	1.13346	1.13346	0.0960547	2.18115	2.18115	0.234004	1.70291	1.70291	0.159168	1.90028	1.90028	0.700581	0.848011	-1.17923	2.06827	5.96354	2.56298	1
cg06284231	CLEC14A	0.159692	0.613212	1.47939	1.47939	0.843121	1.16246	1.16246	0.262344	2.40434	2.40434	0.405331	0.527623	-1.89576	0.0955106	1.73454	1.73454	0.196956	2.7858	2.7858	0.128408	3.40915	3.40915	0.846086	1.864204	-1.15733	0.0968861	2.25294	2.25294	2.06823	18.4735	7.93957	1
cg26742989	LOC113230	0.159693	0.872285	1.04662	1.04662	0.4594	-1.22679	1.22679	0.22846	1.40915	1.40915	0.964995	0.988162	-1.01198	0.0509684	0.370057	-2.65212	0.733154	0.911321	-1.09731	0.553131	1.1768	1.1768	0.846636	0.948814	-1.05395	0.686746	1.11629	1.11629	2.06823	2.41181	1.03655	1
cg20918610	EXT1	0.159695	0.235199	0.641556	-1.55876	0.609073	1.20263	1.20263	0.447852	1.31781	1.31781	0.455965	1.30303	1.30303	0.00983214	0.312179	-3.20329	0.69575	1.1501	1.15051	0.379667	0.601444	-1.66262	0.813815	0.919229	-1.08781	0.294532	0.678508	-1.47382	2.06822	4.16904	1.79179	1
cg08815093	HIC1	0.159696	0.942261	1.08476	1.08476	0.34763	1.22728	1.22728	0.464744	1.47624	1.47624	0.250779	1.28936	1.28936	0.367733	0.821611	-1.21647	0.793241	1.05721	1.05721	0.0229842	1.32111	1.32111	0.0211551	1.51401	1.51401	0.0155262	1.31633	1.31633	2.06821	0.963446	0.413442	1
cg00126657	SSX6	0.159698	0.376847	1.43908	1.43908	0.174406	0.55739	-1.79408	0.176687	0.561878	-1.77905	0.167307	0.677959	-1.47502	0.159131	0.54661	-1.82946	0.0530403	2.41677	2.41677	0.660537	0.837451	-1.1941	1.02551	0.514001	-1.94552	0.244712	0.613567	-1.62981	2.06821	5.27757	2.26824	1
cg03103919	CACNB2;CACNB2;CACNB2;CACNB2;CAC NB2;CACNB2;CACNB2;CACNB2;CACNB2	0.159699	0.811567	0.901271	-1.10954	0.269693	0.60637	-1.64916	0.483283	1.36355	1.36355	0.137058	2.00784	2.00784	0.410047	0.693032	-1.44294	0.0662566	0.407939	-2.45135	0.0736902	0.419878	-2.38164	0.0826077	0.433131	-2.30877	0.608118	1.25245	1.25245	2.0682	6.205	2.66584	1
cg03364015	CCND1	0.159701	0.742451	0.945179	-1.058	0.909082	0.588568	-1.01972	0.787169	1.04736	1.04736	0.615964	0.917166	-1.09032	0.0307	0.647906	-1.54343	0.0219121	1.60016	1.60016	0.631655	1.0861	1.0861	0.363744	0.852494	-1.17303	0.588635	0.910868	-1.09785	2.06819	0.957558	0.41155	1
cg21717870	CCDC94	0.159701	0.995249	1.00116	1.00116	0.747695	0.938919	-1.06505	?	?	?	1.122873	1.38601	1.38601	0.291731	0.807648	-1.23816	0.0718628	0.675429	-1.48054	0.108148	0.710147	-1.40816	0.10817	1.40812	1.40812	0.979126	0.994953	-1.00507	2.06858	1.11854	0.536838	1
cg26882212	STEAP3;STEAP3;STEAP3	0.159702	0.0867211	0.503295	-1.98691	0.658401	1.17518	1.17518	0.562284	1.24129	1.2492	0.455042	0.758719	-1.31802	0.0603778	0.642022	-1.55707	0.356507	0.708572	-1.41132	0.287716	1.49267	1.49267	0.072956	0.948393	-1.05422	0.0910131	0.508888	-1.96507	2.06818	4.31355	1.85393	1
cg00451215	C7orf55	0.159705	0.370664	0.694517	-1.43985	0.353236	1.4605	1.4605	0.218913	1.66986	1.66986	0.791886	1.11629	1.11629	0.0224359	0.338067	-2.958	0.439322	1.36721	1.36721	0.187107	0.574373	-1.74103	0.205182	0.588566	-1.69904	0.25798	0.626204	-1.59692	2.06816	5.15076	2.21378	1
cg19003815	RARB;RARB;RARB;RARB	0.159707	0.554284	1.10394	1.10394	0.312647	0.810646	1.23385	0.0267306	1.42257	1.42257	0.0267306	1.09078	1.09078	0.486853	1.13158	1.13158	0.701984	0.959159	1.04307	0.813459	1.1538	1.1538	0.713407	0.933764	-1.07114	0.666648	0.780899	1.05	1.05	2.06815	0.643202	1	1
cg07512345	TNP2	0.159707	0.169497	0.759914	-1.31594	0.528535	0.887111	-1.12725	0.998169	0.99957	-1.00043	0.0224522	0.598714	-1.67025	0.0613153	0.673331	-1.48515	0.053676	0.662967	-1.50837	0.612105	0.908529	-1.10068	0.46398	1.15008	1.15008	0.959585	1.00955	1.00955	2.06815	1.15275	0.495449	1
cg02390606	CCDC103	0.159708	0.0747387	0.525322	-1.90359	0.534876	0.815612	-1.22607	0.629356	0.854165	-1.17073	0.996076	0.998407	-1.0016	0.0143487	0.375705	-2.66167	0.39349	1.32773	1.32773	0.177409	0.591582	1.59182	0.909019	0.963606	-1.03777	0.551753	0.822621	-1.21563	2.06814	3.44489	1.48062	1
cg24310913	USP3	0.159711	0.545597	1.08252	1.08252	0.0744116	0.866611	-1.15429	0.3372	0.952725	-1.04958	0.843413	1.13264	1.13264	0.0256254	1.48916	1.48916	0.531942	1.12174	1.12174	0.411294	1.42643	1.42643	0.0305126	1.0967853	1.34873	0.289224	1.52453	1.52453	2.06813	1.24609	0.481679	1
cg10011744	C17orf99	0.159711	0.88312	1.03593	1.03593	0.00434559	0.400713	-2.49555	0.41897	1.21918	1.21918	0.7257	1.08821	1.08821	0.728293	1.08729	1.08729	0.850479	0.955724	-1.04633	0.558937	1.15238	1.15238	0.713166	0.915209	-1.09265	0.954116	0.986287	-1.0139	2.06812	1.88625	0.81072	1
cg12512892	PVR;PVR;PVR;PVR	0.159717	0.109263	0.605455	-1.65137	0.152601	0.647711	-1.5439	0.0648372	0.559943	-1.92329	0.795909	0.928158	-1.07716	0.129172	0.623638	-1.60393	0.355413	1.30929	1.30929	0.150004	1.5484	1.5484	0.685463	1.04071	1.04071	0.408831	1.78463	1.78463	2.0681	2.62009	1.13151	1
cg21330700	LIX1 ZBTB37;SNORD76;SNORD74;SNORD75;	0.159719	0.637563	0.882123	-1.13363	0.375956	1.27145	1.27145	0.264292	1.36007	1.36007	0.305188	0.755301	-1.32398	0.294653	0.750305	-1.33279	0.296679	0.751274	-1.33107	0.0235666	0.488653	-2.04224	0.985394	0.995173	-1.00485	0.114827	0.57339	1.57339	2.06807	2.28817	0.983491	1
cg04705275	GAS5;ZBTB37	0.159723	0.409047	1.13659	1.13659	0.526666	1.10216	1.10216	0.0331824	0.685541	-1.4587	0.477882	0.89636	-1.11562	0.662491	0.935574	-1.06886	0.862074	1.02672	1.02672	0.0138491	0.630548	-1.58592	0.759344	0.954477	-1.04769	0.781952	0.958802	-1.04297	2.06805	0.753061	0.323681	1
cg16137076	KCNA7	0.159725	0.216202	0.807504	-1.23838	0.962181	0.99224	-1.00782	0.784418	1.04608	1.04608	0.861702	0.97176	-1.02906	0.300385	0.838367	-1.1928	0.91259	0.982122	-1.0182	0.0662705	0.557073	-1.7951	0.297283	1.19425	1.19425	0.756213	1.05249	1.05249	2.06803	0.883979	0.379955	1
cg03715360	MIR2116;MYO1E	0.159727	0.2807704	0.814798	-1.22731	0.1216	0.766807	-1.30411	0.0438523	0.65494	-1.52646	0.609613	0.910204	-1.09854	0.0908452	0.573862	-1.73653	0.548707	0.89007	-1.1233	0.346273	1.19668	1.19668	0.609084	1.024446	-1.08173	0.932364	1.01563	1.01563	2.06802	1.09157	0.469875	1
cg09679642	P4HB	0.159734	0.523189	0.853494	-1.17165	0.614609	0.883115	-1.13236	0.021312	0.507879	-1.96897	0.842525	0.952468	-1.0499	0.292687	1.3064	1.3064	0.0811955	1.62935	1.62935	0.159438	1.44501	1.44501	0.265667	0.752777	-1.32841	0.575027	0.870498	-1.14877	2.06798	1.96326	0.843876	1
cg17080144	RYK2	0.159735	0.385917	0.825215	-1.21181	0.837044	1.04552	1.04552	0.604689	0.893267	-1.11949	0.696508	0.98841	1.08841	0.0137428	0.594206	-1.68292	0.656194	1.10168	1.10168	0.03654	1.69076	1.69076	0.957519	0.988553	-1.01158	0.122131	0.696196	-1.43638	2.06797	1.52995	0.657627	1
cg24106412	NXPH3	0.159737	0.1088223	1.19035	1.19035	0.509779	0.506407

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg27624684	RAD2L	0.159843	0.285943	0.63649	0.57112	1.03482651	2.58321	0.368811	0.686396	-1.45688	0.44183	2.37674	1.33076	0.100732	0.480491	2.08112	0.874241	0.986923	-1.01325	0.110603	0.23151	2.03155	0.238015	1.65514	1.65514	0.817323	0.909985	-1.09892	2.06729	0.54416	2.33977	1
cg06327849	H1FX;H1FX;C5orf47	0.159845	0.321602	0.856803	-1.16713	0.537893	0.910159	-1.09871	0.852051	1.02858	1.02858	0.286696	0.846221	-1.18173	0.169169	0.801658	2.24741	0.469187	1.11755	1.11755	0.023017	0.663421	-1.50732	0.116455	1.29363	1.29363	0.409418	1.13579	1.13579	0.76228	0.745804	0.320681	1
cg03133987	ZNF598	0.159846	0.133268	0.528071	-1.89369	0.6610259	2.29876	2.29876	0.0639049	2.27292	2.27292	0.638133	1.20534	1.20534	0.184447	0.574068	-1.74195	0.298841	0.654072	-1.52888	0.660175	0.839931	-1.19057	0.592952	1.23705	1.23705	0.503853	0.765341	-1.30661	2.06727	0.58905	2.1882	1
cg26208357	WNK4	0.159845	0.442244	0.660806	-1.51312	0.26237	0.519091	-1.85357	0.360601	0.688463	-1.64349	0.139479	1.31794	2.31784	0.204257	0.492575	-2.03033	0.107014	2.50576	2.50576	7	0.074351	2.85999	2.85999	0.920733	1.05402	2.08261	8.19259	3.93381	1
cg10936057	UPF2;C1orf108	0.159851	0.324597	1.94538	1.94538	0.852071	1.12989	1.12989	0.634112	1.36842	1.36842	0.588229	4.03934	4.03934	0.793446	1.18728	1.18728	0.110417	3.12059	3.12059	0.10787	3.15095	3.15095	0.0208364	6.16916	6.16916	0.0563379	4.11084	4.11084	2.06724	14.0109	0.62452	1
cg19002337	INS- IGF2;IGF2AS;IGF2;IGF2;IGF2AS;IGF2	0.159852	0.0962968	0.754073	-1.32613	0.281336	0.841079	-1.18895	0.0374267	0.688469	-1.4525	0.460216	0.890281	-1.12324	0.156187	0.790983	-1.26425	0.377372	1.15028	1.15028	0.130846	0.77712	-1.2868	0.375172	1.15107	1.15107	0.446083	1.12756	1.12756	0.26724	0.782235	0.336352	1
cg16982313	MET/IN	0.159852	0.170447	2.95208	2.95208	0.073689	0.21912	-4.56371	0.728866	1.28716	1.28716	?	?	0.9000888	0.913649	-1.09451	?	?	?	?	0.1523608	3.12205	3.12205	0.1338855	3.37353	3.37353	0.2608	12.4675	5.28107	1
cg04644773	RASGEF1C	0.159853	0.956166	0.988013	-1.03125	0.401076	0.839913	-1.1906	0.8815709	0.970207	-1.03071	0.104181	0.702481	-1.42353	0.604761	1.110172	1.111572	0.216003	0.767892	-1.30227	0.0128505	0.534374	-1.87135	0.138114	1.19652	1.19652	0.348435	1.12629	1.12629	0.27603	1.34701	0.579201	1
cg10385290	SLC1A6	0.159854	0.0959767	0.106194	-9.41671	0.440693	0.388743	-2.57239	0.841775	0.782581	-1.27792	0.240389	0.22142	-4.51631	0.0485847	0.063079	-15.8531	0.0858364	0.0974367	-10.2631	0.034141	0.0482033	-20.7455	0.0659001	0.0796612	-12.5532	0.134739	0.138358	-7.22763	2.06722	49.2581	21.1806	1
cg04599533	LMLN;LMLN3;IQCG;LMLN;LMLN	0.159854	0.843592	0.951877	-1.05066	0.958339	0.90576	1.005175	0.9587128	0.484157	-2.06545	0.722581	0.944848	1.077625	0.922427	0.7288	-1.37212	0.8387054	1.55021	1.55021	0.0425725	1.76289	0.97557	1.02497	0.7077	1.25468	0.4608883	0.829085	2.20615	0.60271	2.049	0.877557	1
cg07282758	FGFR1OP;FGFR1OP	0.159857	0.160972	1.39566	1.39566	0.683573	0.650848	-1.53646	0.9977515	0.999152	-1.00065	0.696038	0.914997	-1.0929	0.933004	0.981156	-1.01921	0.473112	1.17951	1.17951	0.041739	1.70463	1.70463	0.094606	0.65987	-1.51545	0.567652	0.877477	-1.13963	0.7672	1.67613	0.720728	1
cg17786129	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.159863	0.0341891	0.313742	-3.47709	0.0436926	0.241691	0.634013	0.694734	1.37662	1.37662	0.693072	0.7041217	-1.38118	0.431112	0.520647	-1.92069	0.959848	1.04184	1.04184	0.6601016	0.698216	-1.43222	0.597802	1.54234	1.54234	0.103842	0.233902	-4.2753	2.70218	21.6976	9.33	1
cg22305258	CXCL16;ZMYND15;ZMYND15;CXCL16	0.159863	0.390541	0.529963	-1.88693	0.64231	1.40028	1.40028	0.3610691	1.05655	1.05655	0.461978	1.71672	1.71672	0.266533	0.492675	-2.03097	0.825008	1.17329	1.17329	0.141314	0.3931	-1.13175	0.0101461	10.1963	10.1963	0.964231	1.03289	1.03289	0.70717	0.73228	1	1
cg18695259	SCIN;SCIN;SCIN	0.159869	0.292197	0.776968	-1.28705	0.909787	0.816306	-1.22503	0.0122235	0.539228	0.215218	0.742721	-1.3464	0.179513	0.719489	-1.38988	0.487689	0.869745	1.15009	1.15009	0.0130188	2.037	0.545007	1.15195	1.15195	0.434123	0.831692	-1.22037	0.26713	1.7457	0.750671	1
cg06445606	LOC100130691;AGPS	0.159873	0.645375	0.849435	-1.16068	0.152782	0.627542	-1.93952	0.300126	0.69562	-1.43757	0.26221	0.677568	-1.48463	0.279482	0.683826	-1.46226	0.021668	0.393822	-2.53922	0.0539189	0.477277	-2.09522	0.470129	0.78007	-1.28194	0.150718	1.59735	1.59735	0.4074	1.3396	0.60852	1
cg24475716	CARM1	0.159876	0.250432	1.20806	1.20806	0.167492	0.793295	-1.26056	0.258407	0.830613	-1.20393	0.0548444	1.40878	1.40878	0.512951	1.11007	1.11007	0.069646	1.37621	1.37621	0.292923	1.18734	1.18734	0.429734	1.13526	1.13526	0.168925	1.25946	1.25946	0.26709	0.810008	0.348707	1
cg15558717	CAV1	0.159876	0.301443	1.28755	1.28755	0.326424	0.729274	-1.27021	0.0128142	0.482023	-2.07459	0.191386	1.38616	1.38616	0.411918	1.05789	1.05789	0.775416	1.06986	1.06986	0.282945	0.76891	-1.30054	0.550252	0.809878	-1.14959	0.287367	0.770451	-1.29794	0.26709	1.82443	0.784542	1
cg02319868	GPC6	0.159876	0.110783	0.532523	1.87556	0.0312166	0.322703	-1.09882	0.0714384	0.4816555	-2.07617	0.436173	1.74641	-1.34293	0.202804	0.613922	-1.62887	0.546711	1.080458	-1.24773	0.0543957	0.470423	-2.12575	0.235067	0.636605	-1.57083	0.676062	0.858857	-1.16473	0.27609	4.3108	1.85373	1
cg26305717	MIR548C;RASSF3	0.159876	0.938052	1.01324	1.01324	0.842886	1.03414	1.03414	0.0498127	0.684868	-1.46014	0.697013	1.06844	1.06844	0.0651245	1.41956	1.41956	0.448528	1.13959	1.13959	0.0389738	1.49827	1.49827	0.50675	0.892292	-1.12071	0.841439	1.03447	1.03447	0.70708	0.937059	0.402955	1
cg21735384	TMEM105	0.159878	0.544431	0.728755	-1.37212	0.998773	0.995177	-1.00582	0.8237845	0.9885	-1.01163	0.0934431	0.8040459	-1.24393	0.0193431	0.219071	-4.5466	0.2721253	0.542298	-1.84401	0.2678042	0.502132	-1.98994	0.0179591	0.193837	-5.1063	0.879722	0.922132	-1.08444	0.26707	9.93836	0.43495	1
cg04757045	CCND1	0.159881	0.325044	0.640558	-1.56114	0.729318	0.858373	-1.16445	0.0462484	0.367574	-2.72054	0.734811	0.861557	-1.16069	0.0316359	0.331429	-3.01724	0.581336	0.783404	-1.27668	0.0178887	0.283249	-3.53047	0.925969	1.04157	1.04157	0.582785	0.784203	-1.27518	0.26706	6.28884	2.70436	1
cg13865934	MORN1	0.159884	0.334556	0.703133	-1.42202	0.0974788	0.356226	0.48721	0.5764894	0.888954	-1.12492	0.447291	1.22708	1.22708	0.355988	0.815398	-1.22655	0.4482006	0.640478	-1.56136	0.0124966	0.479238	-2.08648	0.0344941	0.758433	-1.31851	0.0434941	0.608258	-1.64404	0.291799	1.41254	1.40256	0.34419	1
cg15666640	TBCD	0.159881	0.00845923	0.166335	-6.01198	0.745012	0.19019	1.19019	0.661471	1.26503	1.26503	0.502211	1.43815	1.43815	0.169752	0.458262	2.18216	0.514134	1.42332	1.42332	0.755099	0.846246	-1.18169	0.394636	1.5923	1.5923	0.403631	1.63383	-1.57771	0.26705	0.31933	0.40757	1
cg06852309	KCNN1	0.159883	0.121765	0.559579	-1.78706	0.561928	0.816306	-1.22503	0.0122235	0.539428	0.2564693	0.556861	0.814111	-1.22833	0.164264	0.607303	0.342137	0.394494	0.739441	-1.35237	0.0234004	0.391638	-2.55338	0.235718	0.650447	-1.5374	0.334453	0.708548	-1.41134	0.26704	3.92178	1.68649	1
cg15021224	APLF	0.159884	0.572748	1.34959	1.34959	0.0907426	0.2644	-3.78225	0.0144825	0.107753	-11.1895	0.0127153	1.30927	1.30927	0.0731	0.868697	2.11693	0.177364	1.4203	1.4203	0.00703549	2.31604	0.189975	5.26403	0.71947	-1.4046	0.839927	0.951706	1.05057	0.26703	1.96106	0.843119	1
cg08640260	OSBP2	0.159885	0.981931	0.991735	-1.00833	0.598711	1.21484	1.21484	0.915562	0.961879	-1.03963	0.87684	0.94475	-1.05848	0.0200536	0.357656	-2.79598	0.896024	0.953214	-1.04908	0.0447658	0.429885	-2.32621	0.368125	1.40323	1.40323	0.0985853	0.514895	-1.94215	0.26703	4.39653	1.89065	1
cg09904177	HMGN4	0.159892	0.681623	1.13466	-1.13466	0.2370073	0.764486	-1.30801	0.0153524	0.1852952	1.79139	1.79139	0.3483	0.0759947	-1.28875	0.8446021	1.042961	1.042961	1.05291	0.1705289	0.7864	-1.27184	0.0107384	0.0384257	2.484179	-2.07693	0.0648224	0.1298698	2.12469	0.2669	2.32928	0.9715383	1
cg02509289	AXIN1	0.159894	0.898919	1.02597	1.02597	0.0192167	0.177073	1.77073	0.0293734	1.678	1.678	0.405075	1.18749	1.18749	0.146114	1.36983	1.36983	0.157265	1.35676	1.35676	0.745091	1.07685	1.07685	0.510229	1.11423	1.11423	0.518499	1.87630	1.14115	0.26702	1.33204	0.572838	1
cg23967249	ELMOD2	0.159895	0.902232	0.978557	-1.02191	0.321404	1.19805	1.19805	0.557212	1.11039	1.11039	0.0281234	0.6329313	-1.57995	0.923587	0.98322	-1.01707	0.0213796	0.614009	-1.62864	0.422799	0.865529	-1.15536	0.936832	1.01408	1.01408	0.627656	1.09004	1.09004	0.26697	1.10046	0.437986	1
cg05076253	SIR1	0.159896	0.196382	1.24645	1.24645	0.0955	0.210547	1.05047	0.2843043	1.57855	1.57855	0.0100482	0.8238443	-1.36399	0.422947	1.12658	1.12658	0.35427	0.766486	1.30496	0.0822141	1.33612	-1.3846	0.0155964	0.722445	-1.38414	0.0183665	1.06811	1.06811	0.26696	0.745045	0.109621	1
cg00582562	SKAP1;SKAP1	0.159898	0.247245	1.74527	1.74527	0.639204	0.804641	-1.24279	0.0274378	0.332776	3.02276	0.10954	2.02652	2.23252	0.228245	1.04233	1.04233	0.438601	0.69512	-1.4386	0.317501	1.63965	1.60905	0.731869	1.17155	1.17155	0.0316661	1.1307	1.13107	0.26694	0.93665	2.98311	1
cg22359388	TRIM22;TRIM2	0.159898	0.306157	0.803151	-1.40152	0.0997486	0.198683	0.5035	0.0196	0.198683	5.03	0.0196	0.198683	5.03	0.0196	0.198683	5.03	0.387923	0.718	1.39276	0.0196	0.198683	5.03	0.0196	0.198683	5.03	0.0196	0.198683	5.03

File: ESM_23 (Online Resource 23)

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	Ratio(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	Ratio(1217 vs. Chrom)	Fold-Change(1-vs-2171 vs. Chrom)	p-value(3477 vs. N)	Fold-Change(3-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3-vs-3537 vs. N)	Ratio(5377 vs. N)	Fold-Change(5-vs-5377 vs. N)	Ratio(5637 vs. N)	Fold-Change(5-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ap09667877	SYT12	0.160182	0.0800578	8.09904	0.09904	?	0.123748	3.38633	0.38633	?	?	?	0.0808368	9.94316	0.0904505	8.07272	8.07272	0.640243	1.64344	1.64344	?	?	?	2.3888	23.3053	11.7318	1
ap24156983	PATA22;SPATA22;SPATA22;SPATA22;SPATA22;S	0.160106	0.141586	0.424744	-2.35436	0.0935405	0.368178	-2.71608	0.0972203	0.370503	-2.68073	0.128899	0.411076	-2.43264	0.137102	0.420093	-2.38043											
ap13458212	PDLIM3;PDLIM3	0.160106	0.183535	0.788164	-1.26879	0.624174	0.920068	-1.08688	0.0264754	0.647156	-1.55871	0.280425	0.827551	-1.20839	0.732208	0.943608	-1.05966											
ap07611558	BCAP31;ABCD1	0.160108	0.0409885	0.240531	-4.15746	0.978665	0.101613	1.01613	0.131047	0.373434	-2.67785	0.229855	0.24075	2.14075	0.0660795	0.287755	-3.47517											
ap11744021	MTHFD1L	0.160108	0.347127	0.689568	-1.45018	0.981196	1.00905	1.00905	0.551225	0.793855	-1.25968	0.902416	1.048	1.048	0.00759748	0.254491	-3.92265											
ap05131766	PHKB;PHKB;ITFG1	0.160109	0.856765	1.02657	1.02657	1.01416	0.772713	-1.29414	0.122954	1.27449	1.27449	0.235623	0.834944	-1.19769	0.916605	1.01532	1.01532											
ap27359025	DUSP4	0.160116	0.980216	0.99123	-1.00885	0.674349	1.1577	1.1611	0.222066	0.636454	-1.57571	0.0144491	0.344619	-2.90375	0.729588	0.884619	-1.13043											
ap22459359	ZMYM6	0.160119	0.577668	1.1333	1.1333	0.173422	0.188122	1.38022	0.952007	1.01348	1.01348	0.69322	1.10377	1.1037	0.707029	1.08763	1.08763											
ap19948255	SNAP29	0.160122	0.0284162	0.333891	-2.99499	0.0242245	0.32003	-3.12471	0.129111	0.49885	-2.00461	0.214926	0.574873	-1.73951	0.315899	0.644204	-1.5523											
ap14154186	NFASC;NFASC;NFASC;NFASC;NFASC	0.160102	0.535572	1.2478	1.2478	0.172604	0.195207	1.39269	0.107087	1.3926	0.718477	0.245021	0.45617	-2.19273	0.0884357	0.45243	-2.21017											
ap23033845	TMEM88	0.160133	0.36474	1.27111	1.27111	0.0159659	0.23813	2.13813	0.145288	1.49604	1.49604	0.773305	1.07723	1.07723	0.640008	1.12899	1.12899											
ap10540464	SLITRK4	0.160133	0.0399777	0.384226	-2.60263	0.0692099	0.440825	2.26934	0.682971	1.13992	1.13992	0.224127	0.67287	1.48683	0.925686	-1.08028												
ap17608345	SPOCK2	0.160134	0.858559	1.14778	1.14778	0.0492535	0.56446	1.56446	0.0881703	1.39083	1.39083	0.916955	1.08393	1.08393	0.289442	1.29576	1.33877	0.0547066	0.185662	-5.38614	0.250274	0.395223	-2.53022	0.3974	1.93557	0.945601	1.05414	1.05414	0.206546	59.5305	8.40512	1
ap07000989	EIF2C1;SH3GL2;SLC39A6 PTPRD;PTPRD;PTPRD;PTPRD;PTPRD;PTPRD;PT	0.160135	0.115591	0.677	-1.4771	0.859427	0.96038	-1.04125	0.85716	1.04194	1.04194	0.515585	1.16223	1.16223	0.743518	1.07775	1.07775	0.15038	0.703594	-1.42127	0.548479	0.870696	-1.14851	0.801425	1.05915	1.05915	0.0133741	2.0111	2.0111	0.26546	1.70119	0.732123	1
ap14258031	PRO	0.160136	0.309548	1.82139	1.82139	0.412211	1.61293	1.61293	0.827183	1.13277	1.13277	0.0496315	3.58593	3.58593	0.383815	1.66392	1.66392	0.0872199	2.93504	2.93504	0.0187856	0.56984	1.75446	0.56984	0.0740564	3.11144	3.11144	0.1280304	2.55517	2.55517	0.26545	10.6351	4.57691	1
ap02680012	CAPN13	0.160116	0.0753412	0.28264	-3.53946	0.0885201	0.469321	-2.02708	0.243631	0.448777	-2.22828	0.379268	0.553992	-1.80508	0.0212894	0.515757	-6.42026	0.571851	0.688533	-1.45236	0.1166848	0.316917	-3.155	0.6455796	0.212866	-4.69779	0.0640172	0.252404	3.9619	0.25243	14.2948	5.12967	1
ap21035375	SHROOM2	0.160138	0.534597	0.693463	-1.44204	0.299774	1.86911	1.86911	0.351231	0.561507	-1.78092	0.935448	0.959442	-1.04228	0.0050247	0.115152	-8.67264	0.869031	1.10084	1.10084	0.681869	0.786711	-1.27111	0.907013	0.934242	-1.07039	0.657779	1.29627	1.29627	0.244664	11.082	4.76929	1
ap03718411	CDH6	0.160143	0.216539	0.441458	-2.26522	0.0351981	0.213839	-4.67642	0.217776	0.442529	-2.25974	0.559054	0.689697	-1.44991	0.106141	0.329689	-3.03316	0.163064	0.392126	-2.5502	0.0224812	0.179271	-5.57816	0.104037	0.327073	-3.05742	0.999165	0.999342	-1.00066	0.265441	12.9333	5.5661	1
ap03807959	RNF17	0.160144	0.23758	1.78901	-1.45397	0.72036	1.1615	1.1615	0.113539	0.583333	-1.71429	0.288295	1.4014	1.4014	0.0158471	0.702753	1.42315	0.450077	0.780916	-1.2726	0.337525	1.33625	1.33625	0.77812	0.285374	1.28435	0.0130574	-1.00245	0.0420569	0.48035	-2.08182	0.2644	3.20506	1.37937	1
ap09224134	CYP4V2	0.160146	0.085026	0.422019	-2.36956	?	?	?	?	0.723141	1.16824	1.16824	0.0518401	2.75517	2.75517	?	?	0.259373	1.68463	1.68463	0.654423	0.82108	-1.21791	?	?	?	0.40185	1.45888	1.45888	0.358287	4.58839	1.91598	1
ap15678392	TMEM182	0.160154	0.811489	1.01716	1.01716	0.16233	0.424361	-2.35649	0.0538974	0.615641	1.62587	0.0676717	0.313282	3.19191	0.0127408	0.168914	-5.92018	0.541208	1.42674	1.42674	0.402463	0.4615358	-2.16668	0.853452	0.899202	-1.1121	0.2497706	0.530896	-1.99614	0.26534	14.7704	6.4473	1
ap03242453	C19orf29;C19orf29	0.160155	0.767811	1.20208	1.20208	0.0538929	0.256532	-3.89814	0.0902238	0.331265	-3.19218	0.233960	0.460398	-2.17203	0.0351597	0.217521	-4.59726	0.0375851	1.223206	-4.48016	0.811489	0.86197	-1.16013	0.912045	0.933616	-1.0711	0.439701	0.612686	-1.63216	0.26533	12.6411	5.44055	1
ap10685228	HTR3D;HTR3D;HTR3D	0.160156	0.655718	1.34368	1.34368	0.637092	1.36731	1.36731	0.0979628	0.116328	-8.5964	0.655637	0.34378	1.34378	0.0548093	0.238383	-4.19493	0.953178	1.03941	1.03941	0.657561	0.740147	0.82458	-1.21274	0.644325	0.61244	-1.63281	0.26533	14.1768	6.10149	1
ap08024127	PIGB	0.160157	0.401132	1.24488	1.24488	0.110824	0.15082	1.55082	0.0556028	0.317007	1.66012	0.0218311	0.545575	1.81373	0.0148853	0.209272	-4.77905	0.653024	0.892184	1.12071	0.0239	0.5455253	1.83373	0.0239	0.884273	1.13096	0.0239	0.884273	1.13096	0.23952	2.0741	0.884522	1
ap09500498	TH1S2	0.160157	0.0576742	0.346383	-2.88698	0.349435	0.621401	-1.60927	0.107314	0.38268	2.38268	0.764206	0.861918	-1.1602	0.0730627	0.37251	-2.68449	0.637495	1.26421	1.26421	0.076535	0.377882	-2.64633	0.310775	0.595695	-1.67871	0.548163	0.740703	-1.35007	0.26532	7.98089	3.43488	1
ap15332359	NSMCE2	0.160158	0.480443	1.15865	1.15865	0.0137252	0.240514	2.24054	0.553943	1.15443	1.15443	0.674961	0.903135	1.10741	0.0434253	0.222963	-4.48529	0.063994	1.65134	1.65134	0.0146948	0.0003	3.33333	0.0003	0.0003	3.33333	0.0003	3.33333	0.55752	0.73457	0.88374	1.13161	1.88089	0.8378706	1
ap08884539	TSPAN9;TSPAN9	0.160116	0.344699	0.689514	-1.45043	0.918814	0.961805	-1.03971	0.194819	0.68849	1.68849	0.832126	0.921117	-1.08446	0.1031661	0.506672	-1.97366	0.153286	0.557606	-1.79338	0.0279128	0.370718	-2.69747	0.0680374	0.458132	-2.18278	0.508696	0.774076	-1.29186	0.2653	4.77249	2.05405	1
ap01098871	WDR45	0.160162	0.0236378	0.10196	-9.80776	0.879922	0.113625	1.13625	0.779901	1.26708	1.26708	0.300109	2.4777	2.4777	0.300656	2.47498	2.47498	0.0330495	0.12172	-8.21555	0.7113338	0.73214	-1.36586	0.943857	0.942226	-1.06132	0.77454	1.27465	1.27465	0.26529	23.3542	10.0515	1
ap22415670	GMPR;GMPR	0.160163	0.707473	1.38965	1.38965	0.0608	0.232744	2.32744	0.383153	1.14922	1.14922	0.212229	0.815173	1.22657	0.0433723	0.224604	-4.45233	0.26655	1.10726	1.10726	0.0153098	0.0001	3.33333	0.0001	0.0001	3.33333	0.0001	3.33333	0.57598	0.72678	0.87916	1.12464	1.84107	0.9179706	1
ap17533626	VPS37B	0.160169	0.138537	0.700718	-1.42711	0.673643	0.909852	-1.09908	0.126001	0.691265	-1.44662	0.35879	0.810218	-1.23424	0.384186	0.819549	-1.22018	0.309743	0.79102	-1.26419	0.0233921	0.83059	0.873427	1.0362	1.0362	0.460299	1.18253	1.18253	0.26524	1.627	0.700265	1
ap23497020	LIMA1;LIMA1;LIMA1	0.160173	0.517402	1.18755	-1.48555	0.0238264	0.0193389	1.01939	0.0256574	0.0605564	-1.65104	0.148868	0.0607	-1.6554	0.0148868	0.0607	-1.6554	0.0033019	0.303302	3.29707	0.0003	0.0003	3.33333	0.0003	0.0003	3.33333	0.0003	3.33333	0.862657	0.70984	0.87475	1.08406	1.23177	1
ap22686124	KIF26B	0.160172	0.441581	1.2288	1.2288	0.847777	0.950792	-1.05175	0.317877	0.762546	-1.31139	0.759816	0.92264	-1.08385	0.586153	1.15528	1.15528	0.407353	0.800478	-1.24925	0.00578401	2.58412	2.58412	0.987757	0.990579	-1.00404	0.551852	1.17123	1.17123	0.26523	2.25508	0.970605	1
ap08700440	CNTNAP5	0.160174	0.835588	0.974525	-1.02614	0.0721054	0.779176	-1.28308	0.32657	0.88182	-1.13402	0.307651	0.892148	-1.12089	0.270424	0.867198	-1.15314	0.655829	0.945823	-1.05728	0.2825518	1.26968	1.26968	0.622247	1.29778	1.29778	0.630708	1.06199	1.06199	0.26521	0.5043118	0.217064	1
ap20709948	ZNF512	0.160175	0.0833624	1.19861	1.19861	0.127561	0.469374	2.13176	0.956126	-1.0453	0.0370707	1.66012	0.0595255	1.43873	0.0148373	0.209272	-4.77905	0.343007	1.11425	1.11425	0.2801445	0.8314409	1.20278	0.446669	0.7425	1.34683	0.0239	0.884273	1.13096	0.23951	0.8045	0.380763	1
ap09493446	SPC25	0.160177	0.0698532	0.753249	-1.32758	0.0931059	0.772423	-1.29463	0.36822	1.13791	1.13791	0.119406	1.26644	1.26644	0.582703	0.925368	-1.08065	0.291475	0.858126	-1.16533	0.174866	0.817338	-1.22348	0.316757	0.865308	-1.15566	0.352765	1.143	1.143	0.26519	0.63907	0.275065	1
ap05584456	FBN3;HOA	0.160118	0.0225824	0.592533	-1.68767	0.306259	0.816299	1.54304	0.138354	0.73672	-1.35737	0.551121	1.1225	1.1225	0.143996	0.740238	-1.35092	0.21652	0.531181	-1.88209	0.551918	0.2466	1.01162	0.8459984	0.1095	1.09134	-1.05954	0.159771	0.26517	1.20096	0.516915	0.5	1
ap09680947	G3LI	0.160181	0.0910681	1.52841	1.52841	0.302752	1.07274	1.07274	0.336469	1.25344	1.25344	0.887697	1.03273	1.03273	0.34082	0.8018215	-1.24717	0.815208	0.948037	1.05481	0.126916	0.686401	-1.45687	0.0189719	1.91074	1.91074	0.352115	1.04045	1.04045	0.26517	1.69924	0.731388	1
ap11979743	FAM110A;FAM110A	0.160182	0.723778	1.18905	1.18905	0.0608	0.232744	2.32744	0.383153	1.14922	1.14922	0.212229	0.815173	1.22657	0.0433723	0.224604	-4.45233	0.964638	1.01072	1.01072	0.0102663	0.148856	0.9856	0.740063	1.08334	1.08334	0.688466	0.90753	-1.10389	0.26517	1.89046	0.818694	1
ap02823581	BRUNOL5	0.160183	0.536307	0.863305	-1.15566	0.447098	1.19604	1.19604	0.06066	1.0193	1.0193	0.0980493	0.994368	-1.00566	0.608497	0.887492	-1.12677	0.232752	1.3352	1.3352	0.0437553	0.585379	-1.7083	0.0990132	0.658472	-1.51867	0.829192	1.05118	1.05118	0.26516	1.7457	0.751388	1
ap17992164	DEFB107A;DEFB107B	0.160187	0.512402	0.875	-1.14286	0.71429	1.1429	1.1429	0.344	0.475119	1.43072	0.130702	0.698	-1.43192	0.137928	0.724638	-1.38	0.777404	0.6041	1.6041	0.0240342	0.400755	-2.49573	0.0107976	0.608057	1.64496	-1.64512	-1.09177	0.9906844	0.98027	-1.02036	0.0875	0.998475	1.00204	0.26475	1
ap13092958	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1	0.160187	0.595166	0.890546	-1.12291	0.729448	1.07793	1.07793	0.0557967	1.59741	1.59741	0.981119	1.00513	1.00513	0.798763	1.05677	1.05677	0.10744	0.684018	-1.46195	0.638279	0.902714	-1.10777	0.0854218	1.50832	1.50832	0.0593182	1.58434	1.58434	0.26513	1.52811	0.657739	1
ap04784618	HIRIP3	0.160189	0.0521203	0.41815	-2.39211	0.214278	0.231931	2.31931	0.93007	1.05949	1.05949	0.607621	0.715098	-1.39846	0.274636	2.60754	2.60754	?	?	?	?	0.0639944	1.65134	1.65134	0.0146948	0.0003	3.33333	0.0003	3.33333	0.5577	0.73457	0.88374	1.13161	1.88089	0.8378706	1
ap03471106	HCG18;TRIM39;HCG18;TRIM39	0.160191	0.273783	1.15263	1.15263	0.54434	0.849909	-1.1766	0.0220033	0.551836	-1.81133	0.0985	0.13854	0.819637	-1.22005	0.0990644	0.704313	0.242267	0.991007	-1.00907	0.344839	1.2903	1.29031	0.23425	0.615056	-1.62587	0.0635749	0.443057	-2.25476	0.26498	4.96916	2.13902	1
ap14897681	FBXO34;FBXO34	0.160195	0.646869	0.914675	-1.09328	0.641989	0.913448	-1.09475	0.578858	1.1145	1.1145	0.12013	1.38541	1.38541	0.251211	0.79311	-1.26086	0.180136	0.759407	-1.31682	0.0973987	1.42148	1.42148	0.305927	0.814679	-1.22748	0.0570957	0.659536	-1.51622	0.26508	1.22272	0.526306	1
ap23995569	MAP70;MAP70;MAP70;MAP70;MAP70;MAP70;MAP70	0.1602	0.139974	0.74385	-1.34408	0.16008	0.227495	1.27498	0.427871	1.17196	1.17196	0.181353	1.14922	1.14922	0.212229	0.815173	-1.22657	0.0963383	1.38224	1.38224	0.0127914	0.184562	0.8308814	0.548787	1.14087	1.14087	0.0876	0.2877566	0.26505	1.14568	1.14568	0.26507	1.0485	0.272021	1
ap18280717	AGFG1;AGFG1;AGFG1;AGFG1	0.1602	0.4289	0.678201	-1.47449	0.0522422	0.89099	-1.89099	0.030117	0.3486	3.4086	0.945445	0.13345	0.163697	0.489346	2.04355	0.703622	1.20176	1.20176	0.305735	1.66516	1.66516	0.220787	1.85697	1.85697	0.908631	0.946293	1.05676	1.05676	0.26505	7.56165	3.25487	1
ap10359006	ARHBL1;ARHB1	0.160201	0.0609526	0.324155	-3.08524	0.709711	1.51455	1.51455	0.151661	0.267163	3.84557	1.84557	0.631153	1.30967	1.00567	0.0636279	0.331809	-3.01378	0.218681	0.62986	-1.58769	0.0550903	0.307454	-3.25253	0.576282	0.741768	-1.34817	0.25346	0.0322	0.26504	0.0322	0.26504	0.0322	0.26504

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg13331179	OCA2	0.160349	0.852263	1.078524	0.125124	1.293388	0.13933	1.33933	0.743626	1.0904	1.0904	0.177328	0.680907	-1.46863	0.416086	0.800274	-1.24957	0.537836	0.846017	-1.18201	0.0141195	2.25224	2.25224	0.427757	0.804903	-1.24239	0.254232	0.726781	-1.37093	2.06411	2.34805	1.01155	1
cg13373563	FOXK1	0.16035	0.682131	1.073382	1.07382	1.0909	0.99803	-1.00197	0.838571	1.03591	1.03591	0.135864	1.32046	1.0822227	1.395515	1.39515		0.0371449	1.51969	1.61969	0.260914	0.816454	-1.22481	2.048912	0.811845	-1.23176	0.31653	0.836023	-1.19614	2.06411	0.977942	0.421141	1
cg15448599	C3orf45	0.160357	0.520728	1.12899	1.12899	0.928909	0.983507	-1.01677	0.527041	1.12687	1.12687	0.141187	1.34301	1.34301	0.921209	0.98173	-1.01861	0.555118	1.11767	1.11767	0.00482867	2.00719	2.00719	0.420042	1.16595	1.16595	0.1680O2	1.315	1.315	2.06406	1.13546	0.488985	1
cg18491025	SLC16A1;SLC16A1;SLC16A1	0.160361	0.686203	1.047421	-1.0555	0.309351	1.15138	1.15138	0.0136253	0.50057	1.50057	0.921596	0.0860993	-1.01318	0.113962	1.25693	1.25693	0.938445	0.989785	-1.01012	0.2609O75	0.8556421	-1.16871	0.289901	0.8640972	-1.15728	0.654049	1.06182	1.06182	2.06402	0.5783O3	0.248965	1
cg06975502	UCK2 PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGE R3;PTGER3;PTGER3;PTGER3;PTGER3;PT	0.160365	0.17458	1.27967	1.2796O7	0.1592O1	1.62218	0.0539505	1.45297	1.45297	0.0844O8	0.914487	-1.09151	0.0119906	1.33392	1.33392		0.658776	1.07885	1.07885	0.944302	-1.05898	0.858343	0.9609552	-1.03098	0.213667	1.25058	1.25058	0.64O02	0.953268	0.410534	1
cg23647191	GFRI	0.160365	0.943577	1.01204	1.01204	0.0631752	1.434	1.424	0.866889	1.02878	1.02878	0.286038	0.829106	-1.20612	0.312048	1.1935	1.1935	0.912766	1.01871	1.01871	0.0477044	0.681822	-1.46666	0.617885	1.08879	1.08879	0.073846	1.40077	1.40077	2.06402	0.93525	0.402775	1
cg04477005	TCF25	0.160366	0.751962	0.839953	-1.19054	0.0627986	3.16307	3.16307	0.0369758	3.07069	3.07069	0.0739997	2.99007	2.990007	0.376043	0.606709	-1.64824	0.260335	1.90753	1.90753	0.280429	1.85364	1.85364	0.450567	0.655165	-1.52633	0.864888	1.08174	1.08174	2.06401	9.89091	4.25962	1
cg12794469	ILDR1;ILDR1	0.160369	0.343235	1.91038	1.91038	0.499626	1.57506	1.57506	0.323516	1.96597	1.96597	0.921453	1.06757	1.06757	0.0266544	5.70504	5.70504	0.990332	0.991999	-1.00807	0.786051	0.8349559	-1.19766	0.0206854	6.34072	6.34072	0.0749584	3.723171	3.723171	2.06399	14.3664	6.18708	1
cg12518259	HNRNPH2;HNRNPH2	0.160371	0.446331	1.759208	-1.1336	0.0342425	1.513881	1.513881	0.0143908	1.63023	1.63023	0.841111	-1.18608	0.28911	0.6763801	1.47555	1.47555	0.316979	1.61307	1.61307	0.301085	-1.24831	-1.24831	0.132304	1.80822	1.80822	0.402125	1.355S4	1.355S4	2.06398	4.114S1	1.77182	1
cg03450829	KCD2	0.160371	0.124041	0.659716	-1.5158	0.404459	0.808129	-1.23743	0.487718	0.838561	-1.19252	0.394701	0.804365	-1.24322	0.0095314	0.440427	-2.27052	0.370092	1.25401	1.25401	0.604645	0.877715	-1.13932	0.523331	0.870475	-1.1488	0.0802169	0.615892	-1.62366	0.06398	2.03869	0.878	1
cg23676792	ITPR3	0.160377	0.688389	1.09651	1.0965	0.649237	0.90605	-1.1103	0.19299	1.79597	1.79597	-1.26639	0.144934	1.45001	1.450001	0.0282393	0.5533	1.807354	1.40021	1.40021	0.0709355	1.9355	1.9355	0.338531	0.798171	-1.25286	0.80394	1.09077	0.759067	2.06397	0.755	0.359267	1
cg02095485	UXS1	0.160381	0.0991998	0.343174	-2.91398	0.0620282	0.288423	-3.46713	0.109572	0.356187	-2.80751	0.162808	0.414111	-2.41481	0.0539109	0.273924	-3.65065	0.412518	0.609093	-1.64179	0.0220743	0.970312	-1.03071	0.543779	0.695154	-1.43853	0.267039	0.504472	-1.98227	0.06392	1.1459	0.492951	1
cg18824775	PRELID1;RAB24;RAB24	0.160383	0.718202	0.93234	-1.07257	0.747193	0.900389	-1.06452	0.353462	1.20271	1.20271	0.109275	0.713489	-1.40156	0.131934	0.73026	-1.36937	0.130785	1.37086	1.37086	0.848102	1.03773	1.03777	0.598154	0.902287	-1.1083	0.0365542	1.59953	1.59953	0.6393	1.22167	0.526153	1
cg05222675	RPS25;TRAPPC4	0.160391	0.0038169	1.026618	1.02661	0.0238474	0.563299	-1.07526	0.875574	1.08869	1.08869	0.158299	0.599143	-1.66905	0.628393	0.767609	-1.30275	0.884815	1.08178	1.08178	0.944004	0.960293	-1.04135	0.752213	0.84218	-1.18739	0.698758	1.23479	1.23479	2.06385	0.96224	0.41993	1
cg17908564	EPHA3;EPHA3	0.160393	0.103106	0.404799	-2.47036	0.0970973	0.397092	-2.51831	0.703524	1.21402	1.21402	0.0132244	0.210629	-4.74768	0.684169	1.23052	1.23052	0.740959	0.845128	-1.18325	0.4843O4	1.43404	1.43404	0.652663	1.25833	1.25833	0.924171	1.04947	1.04947	2.06384	8.40899	3.62172	1
cg01238502	DYNLL1;DYNLL1;DYNLL1	0.160396	0.0651367	0.41913	-2.31857	0.281182	1.57598	1.57598	0.140898	0.643525	2.5357	2.5357	0.56844	0.984061	-1.01621	0.544225	1.28309	1.13269	0.992955	0.741963	0.0750705	0.7511909	-1.33995	0.741963	0.870725	-1.14847	0.422194	0.716798	-1.39509	0.60282	5.39097	2.52349	1
cg05500540	SUCLG1	0.160399	0.299531	1.2972	1.2972	0.0479996	0.578644	1.28818	0.757503	0.927786	-1.07783	0.0417825	0.566714	-1.76456	0.470382	1.19449	1.19449	0.584723	0.874975	-1.14289	0.0417265	0.686346	-1.45699	0.736438	1.08519	1.08519	0.119447	0.664367	-1.50519	0.63682	1.91447	0.824563	1
cg01054432	NOTCH4	0.160398	0.10562	0.709084	-1.41027	0.189484	0.76316	-1.31034	0.458817	0.863561	-1.158	0.26812	0.796892	-1.25488	0.148138	0.739568	-1.35214	0.0944178	0.699394	-1.42981	0.0233098	0.59027	-1.69414	0.573009	0.895158	-1.11712	0.0286334	0.605255	-1.6522	0.06381	1.23614	0.53241	1
cg23258400	SIPA1L1	0.160398	0.184317	0.697773	-1.43331	0.0944044	0.43872	-2.2792	0.764849	0.826207	-1.20967	0.514635	0.849426	-1.18096	0.777564	0.910245	-1.07499	0.235773	1.3737	1.3737	0.707804	1.101	1.101	0.103387	0.80432	-1.57649	0.659114	0.892752	-1.12013	2.06381	2.13449	0.919332	1
cg11785538	BCAP29;BCAP29;BCAP29	0.160404	0.0577616	0.546691	-1.82919	7	7	2.0577	0.0545945	0.950725	-1.05183	0.165347	0.661902	-1.5108	0.0183784	0.419071	-2.38623	0.20851	0.691389	-1.44636	0.465887	0.8143	-1.22805	0.924342	0.974115	-1.02657	0.16366	0.660642	-1.51368	2.17975	2.28987	0.919206	1
cg16395589	SLC13A2;SLC13A2;SLC13A2;SLC13A2	0.160405	0.433066	1.884402	-1.13056	0.880291	0.777541	-1.02298	0.854945	0.8503744	-1.18418	0.24625	0.595946	-1.00854	0.9936062	0.982507	-1.00353	0.354218	1.1545	1.1545	0.0429664	0.670264	-1.47093	0.0410644	0.788205	-1.26871	0.0464565	0.617809	-1.61945	2.06394	1.78009	0.737057	1
cg26827653	FEZ1;FEZ1	0.160406	0.522678	1.38178	1.38178	0.297548	1.71434	1.71434	0.0166884	4.29976	4.29976	0.117455	2.33663	2.33663	0.717704	1.19868	1.19868	0.550055	0.739456	-1.35235	0.184315	0.495147	-2.0196	0.575848	1.32595	1.32595	0.142211	2.19794	2.19794	2.06376	8.1432	3.50739	1
cg21816491	RCOR3;RCOR3;RCOR3	0.160409	0.0374685	0.54777	2.54777	0.797016	0.807077	-1.11473	0.272645	0.642566	-1.55626	0.865652	0.936512	-1.06779	0.0107062	0.326656	-3.06133	0.675398	1.1772	1.1772	0.665997	0.845164	-1.1892	0.949003	0.975527	-1.02509	0.78255	0.89837	-1.11313	2.06374	4.90453	2.11247	1
cg15370577	GABRG1;GABBR1;GABBR1	0.160411	0.0260928	0.328618	-3.05361	0.0208457	0.26296	-3.80286	0.253546	0.564006	-1.77303	0.0917225	0.743275	1.17099	0.2178905	0.593144	-1.68555	0.429584	0.784751	-1.27451	0.102494	0.955074	-1.05144	0.318728	0.609617	-1.64037	0.06373	0.753935	3.24735	2.06374	6.92224	4.13993	1
cg22532155	TMEM105	0.160413	0.504403	0.608609	-1.64309	0.148436	0.321028	-3.115	0.187356	0.359041	-2.7852	0.434947	0.557698	-1.79308	0.0192655	0.125528	-7.96637	0.15669	0.32941	-3.03573	0.740053	0.7834311	-1.27644	0.0181828	0.122201	-8.18325	0.380375	0.517064	-1.934	0.63071	17.5626	7.56463	1
cg00454205	UNK1	0.160414	0.0609604	2.83657	2.83657	0.0044445	2.79258	2.79258	0.0410592	2.33202	2.33202	0.142446	2.23937	2.23937	0.735403	1.82229	1.82229	0.340014	1.60954	1.60954	0.140984	2.37564	2.37564	0.0592449	2.86154	2.86154	0.0267371	3.79056	3.79056	2.06374	3.43686	1	1
cg26564768	DIP2C	0.160416	0.587786	0.826286	-1.21023	0.0434636	0.247	0.168227	0.599301	-1.66859	0.912325	0.03915	1.03915	0.0178507	0.512043	1.95296		0.344409	0.712087	1.40432	0.732232	1.12721	1.12721	0.160003	1.68778	1.68778	0.335978	0.707581	1.41327	0.2637	1.97512	1.17133	1
cg23455651	BCAS4;BCAS4;BCAS4	0.160417	0.396673	1.19408	1.19408	0.0358194	0.607063	-1.64728	0.728189	0.93118	-1.07391	0.163208	1.35548	1.35548	0.0449218	1.60057	1.60057	0.99911	1.00023	1.00023	0.182962	1.33481	1.33481	0.916783	1.02159	1.02159	0.737988	1.07102	1.07102	2.06369	1.36508	0.587979	1
cg05447778	PLCB2	0.160419	0.0747362	0.388541	-2.57403	0.0124253	1.45423	1.45423	0.0913114	1.46024	-1.46024	0.0406249	0.512154	1.95316	0.0399406	1.79625	1.79625	0.353277	1.41662	1.41662	0.271201	1.5156	1.5156	0.604031	1.21253	1.21253	0.0940351	0.511115	1.95851	2.06368	4.9566	1.87181	1
cg23450399	C18orf1;C18orf1	0.160421	0.147386	1.29671	1.29671	0.107937	0.582763	-1.71596	0.342408	0.586144	-1.70607	0.44499	0.653634	-1.52951	0.0213734	1.50979	1.50979	0.416491	1.14888	1.14888	0.973465	0.9944056	-1.00553	0.417374	1.14857	1.14857	0.086968	0.729127	-1.37151	2.06366	0.912943	0.393236	1
cg03197830	NEO1	0.160423	0.598952	0.838442	-1.19252	0.0880291	0.577541	-1.02298	0.854945	0.8503744	-1.18418	0.24625	0.595946	-1.00854	0.9936062	0.982507	-1.00353	0.354218	1.1545	1.1545	0.0429664	0.670264	-1.47093	0.0410644	0.788205	-1.26871	0.0464565	0.617809	-1.61945	2.06366	2.07204	0.750556	1
cg06097357	PPP2R3C;KIAA0391	0.160423	0.893856	0.97202	-1.02879	0.153493	1.38388	1.38388	0.025863	0.569828	-1.75492	0.24991	0.774438	-1.29126	0.335998	1.23479	1.23479	0.144875	1.39495	1.39495	0.632622	1.10781	1.10781	0.937037	0.983345	-1.01694	0.258765	1.28465	1.28465	2.06365	1.47709	0.636233	1
cg04263215	NDUFS2;ADAMTS4	0.160424	0.193349	0.49051	-2.03853	0.389509	1.57822	1.57822	0.212335	1.97336	1.97336	0.663973	1.24891	1.24891	0.651585	1.26518	1.26518	0.747189	1.18218	1.18218	0.991853	0.9947311	-1.0053	0.0633335	6.29204	6.29204	0.745412	1.18363	1.18363	2.06364	8.751O1	3.76939	1
cg25730020	LOC390858	0.160425	0.1331188	0.705254	1.0473827	0.2822521	1.40397	1.40397	0.0947906	2.0233737	2.0233737	0.447254	1.64418	1.64418	0.0425625	2.02672	2.02672	0.824597	1.09256	1.09256	0.0150426	0.9189599	-1.11999	0.178935	0.988135	-1.01209	0.9475	0.93674	-1.06745	2.06363	2.56392	0.818309	1
cg02044320	MAGOH	0.160427	0.0446402	0.241347	-4.14341	0.120616	0.354167	-2.82353	0.715588	0.798015	-1.25311	0.172694	0.408688	-2.44685	0.0439372	0.239885	0.16867	0.0597057	0.269776	-3.70678	0.0906781	0.3168661	-3.15596	0.88211	0.912565	-1.09581	0.131019	0.365919	-2.73287	0.03662	12.4255	5.35216	1
cg13485469	ASTN2;ASTN2;ASTN2	0.160428	0.0248549	0.2115	0.88621	0.8864	0.923491	-1.08285	0.554385	1.19493	1.19493	0.19493	0.586771	-1.45655	0.0509998	0.5627	0.5627	0.117777	0.188359	-2.5745	0.0270392	0.2290015	-4.36675	0.149313	0.422501	-2.36681	0.0140252	0.333	3.00031	-4.83122	0.601224	0.33333	4.36484	1
cg01044605	BAALC;BAALC	0.160428	0.478747	0.906571	-1.10306	0.0418952	1.3763	1.3763	0.055721	1.34349	1.34349	0.689482	0.946763	-1.05623	0.123688	1.25497	1.25497	0.92424	0.987128	-1.01304	0.0150718	1.353343	1.353343	0.924003	0.986519	-1.01367	0.837519	1.028336	1.028336	2.06362	1.606037	0.261189	1
cg11623855	C1orf141	0.160428	0.820478	1.09408	1.09408	0.790278	0.899932	-1.11119	0.568304	0.796039	-1.25622	0.395417	1.41097	1.41097	0.0140319	0.375808	-2.66093	0.610209	0.815979	-1.22552	0.2151132	1.67552	1.67552	0.596261	1.23552	1.23552	0.027504	0.35656	-2.80458	0.03662	5.11382	2.20274	1
cg02113521	CYFIP1	0.160431	0.2295375	1.19688	1.19688	0.2126673	1.72179	1.72179	0.0175152	1.52713	1.52713	1.42713	0.882842	0.978971	-1.02163	0.908574	1.08574	0.356088	1.14858	1.14858	0.438323	0.8910041	-1.12228	0.417718	1.12846	1.12846	0.7736942	1.05043	1.05043	2.06365	0.694035	0.209815	1
cg04749306	DDA1	0.160434	0.0896607	0.287483	-3.47847	0.0846889	0.280709	-3.56241	0.349968	0.562732	-1.89836	0.760512	0.815718	-1.22591	0.0308504	0.184671	-5.41505	0.719169	0.27197	-3.6755	0.0098504	0.2729995	-3.66315	0.0139	0.0756205	0.6767	-1.47776	0.149558	0.357199	-2.79956	0.26358	14.5076	6.24914	1
cg15670209	FBXO46	0.160437	0.759463	1.12694	1.12694	0.1931	1.12683	0.0842942	1.12912	1.12912	0.0102374	1.39264	1.39264	0.0817414	1.20614	1.20614	0.0210614	0.880834	1.12185	1.12185	0.0617564	0.8563189	-1.16799	0.178905	0.916489	-1.09155	0.0400357	0.712002	1.4044	1.4044	2.06357	0.724097	0.341791	1
cg13976210	DUSP12	0.160439	0.111465	0.60027	-1.66592	0.85401	1.05572	1.05572	0.226023	0.687794	-1.45392	0.847609	0.687409	1.05827	0.1058271	0.0156433	0.417946	-2.39265	0.497852	0.816604	-1.22458	0.0436856	0.505268	-1.97915	0.332863	0.745219	-1.34189	0.164364	0.646114	-1.54771	0.26355	2.83248	1.22011	1
cg00459944	TTC21A;TTC21A;GORASP1	0.160441	0.537277	1.27967	1.27387	0.0638607	1.24143	1.24143	0.0910265	1.44853	1.44853	0.592273	0.81101	-1.23418	0.0178558	0.691228	-1.44703	0.350824	1.07289	1.07289	0.787321	0.95874	-1.0425	0.641393	0.91251	-1.09591	0.506291	0.865454	1.15515	0.847077	0.912677	1.06291	0.365454	2.11377	1
cg18553031	C1orf104	0.160445	0.107865	1.10786	1.10786	0.0782358	1.3163	1.3163	0.0356	1.63536	1.63536	0.0108	1.27809	1.27809	0.0249637	1.77309	1.77309	0.231067	1.65919	1.65919	0.0139178	0.804848	1.10741	1.10741	0.0130222	1.58422	1.58422	0.0470949	1.36086	1.36086	2.06356	0.763353	1.76386	2.48489	1
cg19722706	BTBD1;BTBD1	0.160444	0.1646O9	0.485666	-2.05903	0.0600922	2.80975	2.80975	0.0677486	2.70946	2.70946	0.586574	1.30666	1.30666	0.736073	0.8480373	-1.17914	0.169533	2.03974	2.03974	0.359239	0.6317795	-1.58279	0.326162	1.63856	1.63856	0.332711	0.6346191	-1.62702	0.06352	7.75465	3.34042	1
cg13084545	CSF3R;CSF3R;CSF3R;CSF3R	0.160445	0.0231583	0.33687	-2.96903	0.0152264	0.543585	-1.83964	0.0110232	0.0399406	0.386061	-2.59458	0.0154337	0.843764	-1.1851	0.0402658	0.7124477	-1.40355	0.301003	0.852107	-1.53349	0.0178476	0.6562152	-1.77888	0.070624	0.4448	-2.2482	0.06252	1.57033	2.56163	2.06355	0.4448	-2.2482	0.06252	1.77546	0.4184	1
cg03092482	TBC1D16	0.160445	0.0549303	0.303439	-3.29555	0.337507	0.582763	-1.71596	0.342408	0.586144	-1.70607	0.44499	0.653634	-1.52951	0.0213734	1.50979	1.50979	0.416491	1.14888	1.14888	0.973465	0.9944056	-1.00553	0.417374	1.14857	1.14857	0.086968	0.729127	-1.37151	0.2637	0.912943	0.393236	1
cg03197830	NEO1	0.160448	0.563944	1.08079	1.08079	0.769163	1.03997	1.03997	0.0283476	1.4116	1.4116	0.11981	1.25206	1.25206	0.290834	1.1572	1.1572	0.954099	1.0077	1.0077	0.181173	0.827725	-1.20814	0.0475897	1.35226	1.35226	0.0360575	1.15141	1.15141	2.06355	0.897732	0.429743	1
cg16568899	URP1	0.160449	0.119598	1.43093	1.43093	0.173454	2.16494	2.16494	0.0490624	1.5527	1.5527	0.057955	3.0552	3.0552	0.0022563	1.84303	1.84303	0.258427	1.3297	1.3297	0.164303	1.62541	1.62541	0.0283985	3.8499	3.8499	0.341206	1.66705	1.66705	2.06349	8.87342	3.8224	1
cg20346229	MRPS9	0.160449	0.557738	0.851961	-1.1736	0.0051833	0.968901	-1.21075	0.680858	0.894256	-1.11825	0.645725	0.81053	-1.23776	0.702946	1.1091	1.1091	0.715474	1.10399	1.10399	0.985224	0.995008	-1.00502	0.121116	0.634937	-1.57496	0.36917	0.779471	-1.28202	0.26349	2.38679	1.02816	1
cg25560398	ECEL1P2	0.160449	0.0810786	0.431004	-2.31901	0.0880291	0.777541	-1.02298	0.854945	0.8503744	-1.18356	0.24625	0.595946	-1.00854	0.9936062	0.982507	-1.00353	0.354218	1.1545	1.1545	0.0429664	0.670264	-1.47093	0.0410644	0.788205	-1.26871	0.0464565	0.617809	-1.61945	2.06346	1.78009	0.737057	1
cg21211748	E2F2	0.160449	0.0616856	0.738193	-1.35466	0.8349955	0.10354	1.03054	0.853583	1.027	1.027	0.448061	0.894475	-1.11797	0.247233	0.8398877	-1.19065	0.242535	0.888556	-1.12542	0.00750528	0.6087614	-1.64268	0.37036	0.875746	-1.14188	0.258631	0.843667	-1.1853	0.26349	0.6798697	0.292867	1
cg18873166	TN53	0.160449	0.0746969	0.272311	-3.67455	0.0214002	0.54447	-1.84015	0.338076	0.334273	-3.18107	0.887055	0.739733	-1.35161	0.0725306	0.290656	-3.44053	0.2709	0.193171	-5.1532	0.0170955	0.1782239	-5.61107	0.0178	0.0585474	0.5650008	-1.76801	0.18176	0.481397	-2.07729	0.03635	13.6567	6.01295	1
cg02672493	TMEM22;TMEM22	0.160472	0.477809	0.766972	-1.30383	0.103297	0.915219	1.92519	0.856358	0.935561	-1.06888	0.977463	1.01044	1.39242	0.300912	1.44124	0.557106	0.749094	0.447259	1.32943	1.32943	0.0277174	0.384193	-2.60286	0.099541	1.15299	1.15299	0.128061	0.546198	1.83084	0.203435	0.416611	1.90246	1
cg18522102	TDRD3;TDRD3;TDRD3;TDRD3;TDRD3	0.160473	0.71548	1.05932	1.05932	0.208687	1.23198	1.23198	0.244161	1.21144	1.21144	0.450458	1.12868	1.12868	0.335143	0.8551565	-1.16937	0.786479	0.874737	1.04346	1.04346	0.337083	0.8557744	-1.16859	0.217506	1.22658	1.22658	0.0105708	1.65905	1.65905	2.06334	0.8097777	0.348852	1
cg07791987	GULP1	0.160474	0.318284	1.27988	1.39266	0.415027	1.3471	1.3471	0.0902423	1.22286	1.22286	0.142526	1.47872	1.47872	-2.45205	0.818772	0.5415973	-1.84597	0.768096	0.875521	-1.1418	0.224476	0.544914	-1.83515	0.33285	0.7231634	0.6133	0.652252	1.53294	1.53294	0.209265	0.615453	2.06333	0.86933	0.167619	0.086933	1
cg03884885	LOC149134	0.160476	0.725446	1.08555	1.08555	0.614736	0.888563	-1.12541	0.182929	0.71964	-1.38958	0.341065	0.795808	-1.25658	0.123026	0.677754	1.47546	0.857326	0.958971	-1.04278	0.0279696	1.83032	1.83032	0.148003	0.697199	-1.43431	0.232051	0.746927	-1.33882	0.26332	1.77109	0.762993	1
cg23149402	RBM39;RBM39	0.160478	7	7	2.0577	0.0545945	0.950725	-1.05183	0.165347	0.661902	-1.5108	0.0183784	0.419071	-2.38623	0.20851	0.691389	-1.44636	0.243979	1.79383	0.318304	0.8028	-0.425622	-2.3495	0.0408034	1.22095	1.22095	7	2.0577	0.0545945	0.950725	-1.05183	0.165347	1
cg08127941	TRIM39;HCG18;HCG18;TRIM39 2NF226;2NF226;2NF226;2NF226;2NF22 6	0.160481	0.767093	1.03409	1.03409	0.726204	1.04048	1.04048	0.631401	1.05607	1.05607	0.326316	1.12118	1.12118	0.0818558	1.24313	1.24313	0.0117049	1.42693	1.42693	0.683284	0.954756	-1.04739	0.709845	1.04309	1.04309	0.0452247	1.29604	1.29604	0.63929	0.4163I6	0.179354	1
cg16731452	6	0.160485	0.646209	1.12671	1.12671	0.0140248	0.458023	-2.18329	0.254407	0.735519	-1.35958	0.430202	0.812331	-1.23101	0.717945	0.910621	-1.09815	0.509381	1.18858	1.18858	0.0826292	1.164231	1.64231	0.476909	0.82971	-1.20524	0.740462	0.917775	-1.08959	0.26326	2.17715	0.937955	1
cg12151351	CTDP1;CTDP1	0.160487	0.0444918	0.543178	-1.84102	0.215718	0.145	1.41145	0.772981	0.92635	-1.07951	0.625769	1.13882	1.13882	0.819549	0.941355	-1.0623	0.288374	1.33846	1.33846	0.0232444	2.04921	2.04921	0.892645	1.03616	1.03616	0.764978	0.923766	-1.08252	0.26325	2.28593	0.984821	1
cg26184048	PPT2;PPT2	0.160488	0.857743	1.03102	1.03102	0.155922	1.26258	1.26258	-1.09101	0.0127668	1.22668	0.838433	0.582825	-1.71597	0.0473435	0.425625	-2.35007	0.770042	1.11102	1.11102	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg21157357	PCDHGA4;PCDHGA2;PCDHGA12;PCD HGA11;PCDHGA9;PCDHGA1;PCDHGB1; PCDHGB6;PCDHGB3;PCDHGB7;PCDH	0.160628	0.28262	1.27956	1.27956	0.106878	0.677953	-1.47503	0.338898	0.8044	-1.24316	0.176788	1.37304	1.37304	0.683054	0.913344	-1.09488	0.252307	0.767945	-1.30218	0.177243	1.37252	1.37252	0.88503	1.03246	1.03246	0.050414	0.611172	-1.6362	2.06237	1.59245	0.686354	1
cg08905758	YME1L1;YME1L1;MASTL	0.160629	0.917727	1.02398	1.02398	0.159353	1.44558	1.44558	0.11027	1.4906	1.4906	0.28023	0.968767	-1.03224	0.219735	0.74381	-1.34443	0.023631	2.538075	-1.85848	0.324705	0.791954	-1.2627	0.75388	1.0748	1.0748	0.857752	1.04201	1.04201	0.26236	1.71813	0.740525	1
cg07106501	ZNF436;ZNF436	0.160631	0.109882	0.77543	-1.28901	0.210613	0.824876	-1.2123	0.340772	0.866513	-1.15405	0.510943	1.10221	1.10221	0.33901	1.15460	1.15460	1.15460	0.671661	0.939671	-1.0642	0.01836165	1.55641	1.55641	0.650985	1.06873	1.06873	0.85234	1.02757	1.02757	0.26255	0.69074	0.29987	1
cg01338139	C15orf53	0.160632	0.11558	0.628162	-1.59195	0.898065	0.965764	-1.03545	0.961077	0.986823	-1.01335	0.897798	0.965675	-1.03555	0.171336	1.48567	1.48567	0.989254	0.996346	-1.00367	0.0388984	1.91534	1.91534	0.3613	1.50172	1.50172	0.122278	0.634322	-1.57649	0.26234	1.74312	0.14008	1
cg08646025	POLR2E	0.160635	0.612849	0.928667	-1.07681	0.00737395	0.606054	-1.65002	0.751588	0.954987	-1.04714	0.222157	0.830204	-1.20452	0.797697	1.03796	1.03796	0.70135	0.770135	-1.29847	0.183352	0.814856	-1.22721	0.89995	1.01841	1.01841	0.767642	1.04391	1.04391	0.23203	0.68705	0.296127	1
cg14586363	CTBP1;CTBP1	0.160635	0.762327	1.09886	1.09886	0.14934	0.776506	1.42004	0.5464717	0.23158	2.53455	0.262665	0.033284	2.82225	0.374338	1.32567	1.32567	0.12767	0.246417	0.686088	-1.45754	0.028309004	2.23943	2.23943	0.41015	1.25895	1.25895	0.306263	1.3899	1.3899	0.22632	0.315541	1.36002	1
cg00407468	DENND1A;DENND1A	0.160636	0.098791	0.544865	-1.83532	0.242447	1.50741	1.50741	0.402306	1.33316	1.33316	0.733605	1.12143	1.12143	0.245169	0.665101	-1.50353	0.652254	1.16437	1.16437	0.0186961	2.60156	2.60156	0.316873	1.41499	1.41499	0.916796	1.03568	1.03568	0.26232	3.67599	1.5844	1
cg04176855	SERTAD2	0.160637	0.0397353	1.56713	1.56713	0.556475	0.893708	-1.11893	0.194082	1.29638	1.29638	0.349239	1.19969	1.19969	0.727413	0.936023	-1.06835	0.221694	0.77991	-1.2822	0.541245	0.88972	-1.12395	0.493798	0.876961	-1.1403	0.0675166	0.679086	-1.47257	0.26231	1.16592	0.502531	1
cg26259381	GPR133	0.160646	0.125802	0.223797	-4.46834	0.970214	0.103142	1.03432	0.714209	0.717214	-1.39428	0.703079	0.708073	-1.42128	0.409746	0.692076	0.132236	-7.55653	0.077782	1.170104	-5.87874	0.036808	0.112405	-8.90533	0.042055	0.120402	-8.30548	0.476119	0.519551	-1.92474	0.26226	26.6737	11.4971	1
cg22645163	NF450	0.160646	0.159096	0.648229	-1.45237	0.260838	0.742676	-1.35751	0.164112	0.645622	-1.55369	0.0964848	0.636098	-1.57231	0.588538	0.873333	-1.14504	0.388147	1.34525	1.34525	0.655468	1.1178	1.1178	0.0234134	1.72806	1.72806	0.0290404	0.899278	-1.112	1.0626	2.00852	0.865728	1
cg01468717	MGST3	0.160648	0.701774	0.945952	-1.05714	0.230605	1.19916	1.19916	0.444721	1.11921	1.11921	0.922271	1.0419	1.0419	0.145273	1.2534	1.2534	0.19888	1.21659	1.21659	0.114704	0.780568	1.28112	0.193815	0.74962	1.21962	0.0265327	1.46191	1.46191	0.26224	0.683155	0.293598	1
cg20483857	ST6GAL2;ST6GAL2;ST6GAL2	0.160649	0.617541	1.49048	1.49048	0.0159949	0.685231	-14.5936	0.211551	0.341458	-2.92861	0.617215	1.49105	1.49105	0.163186	1.59076	1.59076	?	?	?	0.938105	0.940592	-1.06316	0.369242	0.477094	-2.09602	2.54386	17.882	5.02105	1
cg01069141	TBX10;NUDT8	0.160649	0.341161	0.519358	-1.61151	0.55258	0.751175	-1.3125	0.463001	1.44068	1.44068	0.885482	1.0864	1.0864	0.0141608	0.227759	4.39061	0.348146	0.623694	-1.60335	0.600116	1.29502	1.29502	0.0528826	0.341017	-2.9324	0.197946	0.514159	-1.94492	0.26224	7.80179	3.36282	1
cg00646492	GSTO1	0.160652	0.45649	0.757695	-1.31979	0.0226999	2.71272	2.71272	0.072061	2.08467	2.08467	0.212692	1.61643	1.61643	0.793851	0.908629	-1.10056	0.972822	0.987613	-1.01254	0.163022	0.579953	-1.72428	0.560913	1.24002	1.24002	0.443288	1.33108	1.33108	0.26222	4.37235	1.88464	1
cg01986519	IQCE;IQCE	0.160652	0.311857	0.582489	-1.71429	0.843852	1.10723	1.10723	0.560556	0.773564	0.73137	-1.35526	1.45945	2.23967	2.23967	0.0143435	0.210266	-4.75589	0.14759	0.448172	-2.23128	0.831594	1.11598	1.11598	0.87406	1.08539	1.08539	0.202313	0.498902	2.0044	2.0022	8.37459	3.75629	1
cg20718042	RPS19	0.160652	0.072143	0.447809	-2.23209	0.15364	1.34318	1.34318	0.738356	1.14361	1.14361	0.282665	0.633948	1.44061	2.822655	0.0374495	0.694044	-1.44082	0.210558	1.69569	1.69569	0.2261553	0.601262	-1.66317	0.10636	0.02555	2.02555	0.418515	1.92022	1.9222	0.22622	5.23308	2.25564	1
cg15430659	CNNM1	0.160652	0.0660076	3.53762	3.53762	0.153244	2.55856	2.55856	0.947133	0.960084	-1.04158	0.274437	2.01081	2.01081	0.132302	2.71217	2.71217	0.101101	3.01288	3.01288	0.0170827	5.96489	5.96489	0.110514	2.91038	2.91038	0.519714	1.49315	1.49315	0.26222	12.3242	5.31217	1
cg15109966	CCNY;CCNY	0.160653	0.261836	2.13429	2.13429	0.0158716	2.74872	2.74872	-1.34071	0.347402	0.62433	-1.60172	0.666738	2.59932	2.59932	0.28023	2.59932	0.260911	2.3941	2.3941	0.0410121	4.60865	4.60865	0.0372355	5.09052	5.09052	0.141391	2.78632	2.78632	0.26222	13.7122	5.91044	1
cg01843050	HNRNPC;HNRNPC;HNRNPC	0.160655	0.619648	0.909562	-1.10318	0.136157	1.37292	1.37292	0.109236	1.14158	1.14158	0.451981	0.85964	-1.16328	0.892033	1.02717	1.02717	0.617135	0.905309	-1.1046	0.5552557	0.888171	-1.12591	0.0148396	1.80678	1.80678	0.313532	1.22843	1.22843	0.2622	1.27235	0.548431	1
cg24892055	RASA3	0.160658	0.365731	1.53798	1.53798	0.111357	2.23151	2.23151	0.0601003	2.66864	2.66864	0.262443	1.7174	1.7174	0.0640823	0.381706	-2.61981	0.779473	0.287167	-3.4824	0.407869	0.6758319	-1.47969	0.0305001	1.56078	1.56078	0.0255015	0.739464	-1.35233	0.26218	6.99643	3.01576	1
cg24779941	CDC42BPB	0.160659	0.122166	0.6139	-1.62939	0.0537377	10.4994	10.4994	0.0242288	5.81583	5.81583	0.587585	1.79752	1.79752	0.0194219	2.7174	2.7174	0.428736	0.420987	-2.37537	0.553397	0.526211	-1.90038	0.0430584	12.0965	12.0965	0.847417	1.22911	1.22911	0.26222	1.27233	0.533883	1
cg08110058	PRDM16;PRDM16 - ARHGAP30;ARHGAP30;ARH GAP30;ARHGAP30	0.160675	0.0550223	0.31026	-3.2231	0.034592	0.265678	-3.76395	0.477228	0.675113	-1.48123	0.334457	0.418464	-2.38868	0.0376445	0.273306	-3.6589	0.732887	0.831701	-1.20235	0.446146	0.65853	-1.51853	0.0683599	0.333961	-2.99436	0.873915	0.918119	-1.08918	2.06207	9.45055	4.0738	1
cg12081303	GAP30	0.160675	0.224848	0.6591	-1.51722	0.718374	0.909317	-1.09973	0.0306186	0.435787	-2.2947	0.116725	0.57274	-1.74599	0.0301415	0.434932	-2.30207	0.225365	0.659436	-1.51645	0.954052	0.981334	-1.01902	0.0962597	0.550334	-1.81708	0.11969	0.575741	-1.73689	0.2607	3.4922	1.50537	1
cg06578749	KIAA1191;KIAA1191;KIAA1191	0.160678	?	?	?	?	0.0519816	0.189251	-5.28398	?	?	?	0.37137	-2.69273	?	?	?	0.0739534	0.224115	-4.46109	0.322915	0.489042	-2.132	0.287243	2.37044	2.37044	0.893312	0.905734	-1.10408	2.21667	12.4722	6.5643	1
cg24171555	AAK1	0.160679	0.221573	1.68801	1.668013	0.277666	1.56762	1.56762	0.438684	1.36963	1.36963	0.228501	1.65416	1.65416	0.124124	1.94078	1.94078	0.04063993	2.5631	2.5631	0.0775873	2.18399	2.18399	0.0163956	3.21598	3.21598	0.205675	1.69975	1.69975	0.26205	1.17876	2.23241	1
cg07128379	MYH3 - SLC26A5;SLC26A5;SLC26A5;SLC26A5;SL	0.160679	0.683363	1.10386	1.10386	0.340162	1.26726	1.26726	0.240102	0.743517	-1.34496	0.814571	1.05824	1.05824	0.0587428	0.597851	-1.67266	0.04218094	0.568944	-1.75764	0.0502018	0.583957	-1.71245	0.76943	1.07339	1.07339	0.801118	0.940996	-1.0627	2.06205	1.80598	0.8173	1
cg02440744	C26A5	0.160685	0.0506945	15.613	15.613	0.25125	4.39091	4.39091	0.065577	12.8243	12.8243	0.057207	16.8847	16.8847	0.693882	0.6137	-1.62946	0.143127	0.9745	0.9745	0.384636	3.0068	3.0068	0.0244268	27.3746	27.3746	0.178709	5.83195	5.83195	0.26201	49.7516	21.4468	1
cg10266904	NOMO2;NOMO2	0.160687	0.933453	1.09538	1.09538	0.0179483	2.27086	2.27086	0.0127586	1.58	1.58	0.02878	2.25775	2.25775	0.0144228	2.56201	2.56201	0.375508	1.1323	1.1323	0.0454457	1.23756	1.23756	0.0139426	2.03424	2.03424	0.27374	1.42388	1.42388	0.26209	1.40403	0.5099	1
cg13569070	C1orf187	0.160691	0.954516	1.02029	1.02029	0.588543	1.21204	1.21204	0.0402431	2.30354	2.30354	0.13703	1.75762	1.75762	0.757955	0.896875	1.11498	0.5000111	0.785791	-1.2726	0.358286	0.717044	-1.39461	0.0827008	0.508318	-1.96727	0.153399	1.71302	1.71302	0.26198	1.04879	1.74537	1
cg00544684	TNK2;TNK2 - CCDC101;EFTUD2;EFTUD2;EFTUD2	0.160693	0.625352	0.923267	-1.08311	0.105817	0.750804	-1.33191	0.422754	1.14207	1.14207	0.332968	1.17589	1.17589	0.175286	1.26346	1.26346	0.021119	0.637705	-1.56812	0.960698	1.02782	1.02782	0.826476	1.03707	1.03707	0.288264	0.836221	-1.19586	0.26196	0.859568	0.37055	1
cg00048746	UD2	0.160694	0.142952	0.85574	-1.16858	0.992811	1.00089	1.00089	0.0757514	1.21602	1.21602	0.506853	0.935535	-1.06891	0.222435	1.13527	1.13527	0.161705	0.862548	-1.15936	0.338962	1.10244	1.10244	0.0991695	0.836219	-1.19586	0.39908	1.08918	1.08918	0.26196	0.319754	0.137843	1
cg02500880	FAM20A;FAM20A	0.160695	0.704052	1.06202	-1.06202	0.0514433	1.05996	1.05996	0.0514433	1.08713	1.08713	0.0617703	1.05873	1.05873	0.0514433	1.08303	1.08303	0.103372	0.796473	-1.25564	0.242496	1.18201	1.18201	0.0125574	1.18201	1.18201	0.0125574	1.38577	1.38577	0.26195	0.0635449	0.230277	1
cg24804195	LOC645323;LOC645323;LOC645323	0.160697	0.872309	0.920212	-1.08671	0.562623	1.35336	1.35336	0.524641	1.39555	1.39555	0.806695	0.88097	-1.13511	0.546452	1.07942	1.37095	0.00519047	0.148513	-6.7334	0.834734	0.897629	-1.11405	0.456172	1.48041	1.48041	0.480348	1.44898	1.44898	0.26194	3.72687	3.76211	1
cg08106377	SMYD3;SMYD3	0.160698	0.0290159	0.427109	-2.34132	0.828759	0.930902	-1.07423	0.0260883	0.417817	-2.39339	0.31319	0.708349	-1.41173	0.103947	0.555613	-1.79981	0.825504	1.07572	1.07572	0.314275	0.708934	-1.41057	0.983088	1.00703	1.00703	0.102534	0.554026	-1.80497	0.26193	3.56818	1.53823	1
cg13711129	SUSD1	0.160699	0.7040852	1.06202	-1.06202	0.0514433	1.05996	1.05996	0.0514433	1.08713	1.08713	0.0617703	1.05873	1.05873	0.0514433	1.08303	1.08303	0.103372	0.796473	-1.25564	0.242496	1.18201	1.18201	0.0125574	1.18201	1.18201	0.0125574	1.38577	1.38577	0.26195	0.0635449	0.230277	1
cg04299028	KCNA10	0.160701	0.0810708	0.253066	-3.99415	0.0165094	0.12281	-8.14269	0.102045	0.27768	-3.60127	0.57332	0.665359	-1.50295	0.037252	0.177078	-5.64722	0.240434	0.414794	-2.41084	0.314496	0.487462	-2.10588	0.26606	0.436162	-2.29273	0.670331	0.733525	-1.36328	0.26191	16.7403	7.21676	1
cg27285033	PGV	0.160701	0.0114141	0.0822006	-12.1677	0.0148569	0.0148569	-67.3051	0.0148569	0.0148569	0.0148569	0.0148569	0.0148569	0.0148569	0.0148569	0.0148569	0.0148569	0.771048	0.340934	-2.93312	0.188015	0.858207	-1.16522	0.842836	0.124064	0.753112	1.38005	1.38005	0.0750164	0.772064	-1.2923	0.262304	1.38005	0.4258	1
cg14051046	PBX3;PBX3;PBX3;PBX3	0.160711	0.0642366	0.484385	-2.06447	0.0216775	0.382536	-2.61413	0.736973	0.889131	-1.12469	0.578829	1.21588	1.21588	0.116959	0.552285	-1.81066	0.916355	0.96404	-1.0373	0.189431	1.62349	1.62349	0.553381	0.813386	-1.23246	0.7524	0.89554	-1.11664	0.26185	1.39637	1.71081	1
cg25884488	TMEM154	0.160718	0.159784	0.622162	-1.46571	0.467628	1.20698	1.20698	0.832956	1.05513	1.05513	0.055001	0.574744	-1.73991	0.222744	0.721719	-1.38558	0.842585	1.05191	1.05191	0.0206484	0.491921	-2.03285	0.135934	0.664315	-1.50531	0.773548	0.929198	-1.0762	0.26181	2.1156	0.912078	1
cg24016624	RELB	0.160718	0.183668	1.25191	1.25191	0.15792	1.34351	1.34351	0.0197975	1.10719	1.10719	0.702861	0.774211	-1.29158	0.0207284	1.29133	1.29133	0.0648	1.09587	1.09587	0.0110142	0.608036	-1.64479	0.0306319	0.799604	-1.25035	0.982451	0.995215	-1.00481	0.306669	1.25957	1.29397	0.26181	1.55269	0.669395	1
cg07611351	SRGAP3;SRGAP3	0.160722	0.670048	1.25786	1.25786	0.57889	-1.34997	1.34997	0.264602	1.86331	1.86331	0.290865	1.79802	1.79802	0.0107872	0.18009	-5.55278	0.306056	1.76337	1.76337	0.282758	1.8174	1.8174	0.96902	0.979428	-1.021	0.501679	1.44049	1.44049	0.26178	9.35522	4.03328	1
cg12605560	TNKS1BP1	0.160727	0.902752	0.955756	-1.04599	0.0199903	0.719963	1.03783	0.0333353	0.58872	0.55872	0.10473	0.502763	-1.50139	0.0407093	0.525724	0.78821	-1.26847	0.259614	0.647091	-1.54548	0.253174	0.948224	-1.05538	0.0607256	0.606029	-1.65009	0.315725	1.46807	-1.46807	0.26175	0.47337	0.19862	1
cg08279055	LOC388946	0.160729	0.738534	0.901611	-1.10913	0.418903	1.29093	1.29093	0.0137114	0.389735	-2.56585	0.996082	0.998483	-1.00152	0.776009	0.915583	1.0922	0.19089	0.651688	-1.53448	0.075833	1.84209	1.84209	0.81368	0.925607	-1.07572	0.96846	0.98785	-1.0123	0.26174	3.12125	1.34568	1
cg15098256	B4GALT5	0.160729	0.537093	0.864281	-1.15703	0.0551231	1.66511	1.66511	0.0855274	1.55721	1.55721	0.0491062	1.68917	1.68917	0.319687	0.792653	-1.2614	0.474423	0.51615	-1.93787	0.0796551	0.719413	0.719413	0.0205611	0.620556	0.620556	0.0180664	0.2065	1.2065	0.26174	1.37954	0.592679	1
cg16501560	KRTAP12-3;C21orf29	0.160732	0.123536	-1.41923	-1.41923	0.580333	-1.72315	-1.72315	0.0441751	-1.78354	-1.27331	0.257429	0.540783	-1.84917	0.0974287	0.388284	-2.57543	0.249897	0.535025	-1.86907	0.00760992	0.167779	-5.96021	0.179625	0.474472	-2.10876	0.184528	0.480909	-2.0794	0.26172	8.83416	3.80876	1
cg18404135	RPS6KA2;RPS6KA2	0.160734	2864	0.815608	-1.22608	0.157877	1.48404	1.48404	0.204026	1.64646	0.647993	1.72425	1.44025	2.07268	-3.60127	0.57332	0.665359	-1.50295	0.037252	0.177078	-5.64722	0.240434	0.414794	-2.41084	0.314496	0.487462	-2.10588	0.26606	0.436162	-2.29273	0.670331	0.733525	-1.36328	0.26191	16.7403	7.21676	1
cg21248188	OLFML2A;OLFML2A	0.160735	0.494136	0.752206	-1.32905	0.411377	0.742027	-1.34772	0.0255353	0.482366	-2.07315	0.0122006	0.403365	-2.48152	0.0220704	0.437043	-2.28771	0.771048	0.340934	-2.93312	0.188015	0.858207	-1.16522	0.842836	0.124064	0.753112	1.38005	1.38005	0.0750164	0.772064	-1.2923	0.262304	1.38005	0.4258	1
cg18472231	GTDC1;GTDC1;GTDC1	0.160744	0.146302	0.41698	-2.3982	0.00849051	0.151913	-6.58271	0.129698	0.399219	-2.50489	0.802245	1.15135	1.15135	0.313788	0.557461	-1.79385	0.705243	0.808029	-1.23758	0.0917021	0.352896	-2.8337	0.34961	0.582702	-1.71614	0.839542	0.892508	-1.12044	0.26165	10.2735	4.42947	1
cg15778937	GRIN2D	0.160745	0.0776635	7.72964	7.72964	0.445869	2.47458	2.47458	0.443387	2.25805	2.25805	0.406228	2.42442	2.42442	0.591985	1.75749	1.75749	0.0309017	7.00945	7.00945	0.0121813	25.1203	25.1203	0.0649895	10.7371	10.7371	0.356093	2.68418	2.68418	0.26164	35.4096	15.2929	1
cg15881912	TRAPPC5;TRAPPC5;TRAPPC5	0.160747	0.654768	0.937918	-1.5676	0.627976	0.904131	-1.10603	0.262826	1.27245	1.27245	0.201446	0.759048	-1.31744	0.368238	1.25013	1.25013	0.0290217	1.24756	1.24756	0.201546	0.750926	-1.33164	0.920681	1.02077	1.02077	0.201811	0.587661	-1.70168	0.218266	0.765462	-1.3064	0.920681

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg00554633	GOLGA4	0.160298	0.1905399	-1.25723	0.08800651	1.34495	0.2623355	1.23645	0.8704636	0.9730304	-1.02775	0.7492291	0.9747665	-1.05523	0.1862644	1.79063	-1.26481	0.2731443	0.8251961	-1.02775	0.4822613	0.8857243	-1.12709	0.0542234	1.44232	1.44232	2.00617	0.91712	0.3957003	1
cg22108841	NAB1	0.160982	0.204961	1.79704	1.79704	0.417943	3.55213	3.55213	0.8692033	0.9303119	-1.07749	0.2009119	1.880759	1.880759	0.1683263	1.90192	1.90192	0.1030487	0.6268322	-1.59535	0.3134439	0.633228	-1.57921	0.586642	0.7861513	-1.272202	0.6426339	1.227727	1.227727	2.060216	0.626704	2.70401	1
cg03145322	? SP1	0.160983	0.0652855	0.293863	-3.40294	0.966331	1.02529	1.02529	0.1144663	0.36227	-2.76037	0.328145	0.55027	-1.81729	0.0301851	0.22124	-4.51998	0.1680951	0.1680951	0.419225	-2.38536	0.0383709	0.2417	-4.13736	0.1441188	0.3951162	-2.53061	0.6751511	0.7792234	-1.28331	2.06016	11.4279	4.93076	1
cg04553966	GCK;GCK;GCK	0.160985	0.19933	3.28158	3.28158	0.2202	3.094267	3.094267	0.6771113	1.45394	1.45394	0.508835	1.7991	1.7991	0.8465188	1.18499	1.18499	0.1454571	2.07679	2.07679	0.00622857	22.7517	22.7517	0.2549065	2.83348	2.83348	0.0703618	5.8851	5.8851	2.06014	25.0544	10.8102	1
cg10296301	PACRG;PACRG;PACRG	0.160986	0.797124	0.838727	-1.19228	0.304955	0.484205	-2.06524	0.558884	0.667957	-1.4971	0.234346	0.34216	2.342106	0.1050059	0.298447	3.35067	0.230293	2.3613	2.3613	0.479529	0.6121188	-1.63349	0.0442798	0.84221	0.842211	0.164295	2.75406	2.75406	2.006313	15.207	6.56141	1
cg00332597	C1orf125;C1orf125;C1orf26	0.160986	0.00652665	0.605067	-1.65271	0.527969	1.09515	1.09515	0.8788801	0.102193	1.102193	0.645023	1.068161	1.906816	0.0982373	0.77275	-1.29408	0.6002881	0.328762	-1.0706	0.672535	0.9413357	-1.0623	0.7778802	1.04065	1.04065	0.9595151	0.992745	-1.00751	2.00613	0.6593008	0.284473	1
cg00409700	IQSEC1;IQSEC1	0.160993	0.4541464	1.16994	1.16994	0.0306186	0.592804	-1.6869	0.522704	1.14266	1.14266	0.85047	1.03962	1.03962	0.795281	0.947881	-1.05498	0.6609082	1.0951	1.0951	0.0250523	1.73105	1.73105	0.54153	0.880537	-1.13567	0.5045659	0.8698811	-1.14958	2.06009	1.38267	0.596596	1
cg01245396	DNAJC8	0.160996	0.0980097	0.647775	-1.54375	0.0822181	1.58504	1.58504	0.0373097	1.860798	1.860798	0.528567	0.8586879	-1.16458	0.413133	1.22149	1.22149	0.9913553	0.9974411	-1.0026	0.4413129	1.22315	1.22315	0.6780602	0.900496	-1.10502	0.58646	0.8763866	-1.14063	2.06007	1.867227	0.8076598	1
cg03266044	ARHGAP10	0.161	0.0597806	0.326791	-3.06006	0.915015	1.06025	1.06025	0.18409	0.476197	-2.09997	0.3127744	0.705005	-1.41843	0.0957237	0.381544	-2.62093	0.4226506	0.6496655	-1.53926	0.0424884	0.2922651	-3.42156	0.746044	1.18662	1.18662	0.0338066	0.271188	1.68748	2.06005	0.504582	0.393017	1
cg04179740	CDH23;C10orf54	0.161002	0.29129	1.93224	1.93224	0.221492	0.461636	-2.16621	0.0420318	0.244328	-4.09287	0.943174	0.958027	-1.04381	0.904621	1.07477	1.07477	0.8554616	1.11596	1.11596	0.824619	0.8750524	-1.14283	0.0543819	3.7174	3.7174	0.137605	2.6164	2.6164	2.06003	11.8045	5.09356	1
cg02799078	KIFC1;KIFC1;KIFC3	0.161002	0.576214	1.464925	-1.36998	0.4635	1.663256	1.663256	0.2626326	0.5777162	1.730651	0.5777162	1.730651	0.5777162	1.730651	0.5777162	1.730651	0.4322806	2.313658	0.8002169	1.249854	0.8004758	1.249854	0.4743758	1.24865	1.24865	0.8004758	1.249854	1.249854	2.125501	2.125177	1.108813	1
cg24360909	SHC4	0.161004	0.55384	0.755692	-1.28917	0.0219425	0.311641	-3.20882	0.908949	0.952635	-1.04972	0.914635	1.47183	1.827592	0.1909	1.0979	1.0979	0.1540743	0.523528	-1.91012	0.160336	0.529324	-1.8892	0.0716001	0.426019	-2.34732	0.413059	1.403399	2.060002	0.586924	2.532255	1
cg24183846	KRTAP2-1	0.161011	0.126744	0.37251	-2.68449	0.0996937	0.94005	-2.94075	0.0247867	0.202387	4.941102	0.155377	0.390088	-2.55565	0.0586289	0.278867	-3.58594	0.1519806	0.380335	-2.62926	0.0964334	0.3358153	-2.97783	0.1734256	0.184124	0.43109	-2.31797	2.059999	1.56007	5.0016	1
cg13284981	PER1	0.161011	0.875758	1.0783	1.0783	0.944648	0.967217	-1.03389	0.1977	2.27631	2.27631	0.830732	1.10805	1.10805	0.0139562	0.23155	4.31873	0.2669778	0.572811	-1.74578	0.196301	0.51773	-1.93151	0.295822	0.59315	-1.68591	0.3899841	0.6541149	-1.5287	2.059998	7.573352	3.268	1
cg17570188	SLC4SA2;SLC4SA2	0.161012	0.732261	0.961946	-1.03956	0.36455	1.111	1.111	0.126571	0.826987	-1.20527	0.634578	0.945803	-1.0573	0.382639	0.903799	-1.10644	0.2922173	1.23292	1.23292	0.0246369	1.353	1.353	0.859345	1.02024	1.02024	0.519049	0.928812	-1.07664	2.05997	0.4164405	0.179681	1
cg12847986	MECOM	0.161014	0.767707	0.926293	-1.07957	0.0796447	0.577292	-1.71223	0.0510294	0.768568	-1.76439	0.472017	0.807704	-1.23816	0.2153352	0.713839	-1.40085	0.4430684	1.22403	1.22403	0.0803856	1.65093	1.65093	0.312595	0.763379	-1.30997	0.7425358	0.9183121	-1.08894	2.05996	2.1799	0.940646	1
cg01558645	RUFY3;RUFY3;RUFY3;RUFY3;RUFY3	0.161018	0.68017	1.16296	1.16296	0.17347	1.69462	1.69462	0.0226753	2.70096	2.70096	0.0696069	2.09405	2.09405	0.953793	1.02133	1.02133	0.9819888	1.00826	1.00826	0.355763	0.707543	-1.41334	0.299879	0.676193	-1.47887	0.204321	1.62882	1.62882	2.059993	4.32741	1.86754	1
cg19255084	KIAA2018	0.161020	0.201036	0.404533	-2.47199	0.367224	1.86038	1.86038	0.351361	1.90182	1.90182	0.243307	0.441212	-2.26648	0.0353942	0.193633	-5.16442	0.8511102	0.851744	-1.17406	0.0426798	0.209338	-4.79696	0.885787	1.10111	1.10111	0.218978	0.420447	-2.37842	2.059992	14.6537	6.3233	1
cg17619093	?	0.161023	0.824945	0.958701	-1.04308	0.924608	1.01818	1.01818	0.0245846	1.66485	1.66485	0.132923	1.3616	1.3616	0.0554384	1.51182	1.51182	0.7077993	1.07426	1.07426	0.42405	0.856039	-1.16817	0.3107554	0.818998	-1.221	0.619217	0.9090227	-1.10008	2.05991	1.18251	0.510277	1
cg13219205	PAPSS2;PAPSS2	0.161026	0.0238457	0.684389	-1.46116	0.1535096	0.875158	-1.14285	0.7888276	1.03847	1.03847	0.1108347	0.2210993	4.5231668	0.200616	0.4946049	2.021384	0.0362317	0.170015	-5.88556	0.0178436	0.1004253	-9.95611	0.1115667	0.786232	-1.27189	0.2509888	0.645424	0.2734437	1				
cg09404996	DYRK1A	0.161029	0.493931	1.32322	1.32322	0.691335	1.06903	1.06903	0.614499	1.08866	1.08866	0.244924	1.225631	1.2263	0.573231	0.973645	-1.02707	0.0319966	1.52238	1.52238	0.0261884	0.6432551	-1.55459	0.864051	0.971742	-1.02908	0.4907232	1.12422	1.12422	2.059987	0.912772	0.393886	1
cg26552128	DPY2C	0.161039	0.5416	0.7889	-1.26753	0.1394282	0.489934	-2.04179	0.5087	1.223459	1.223459	0.1681397	0.637186	1.5693828	0.5422331	1.044423	1.271256	0.6777901	1.4514	1.4514	0.1229526	0.6677901	1.4514	0.1229526	0.2502036	0.6025265	1.659305	0.4041132	0.6027901	-1.65872	2.059984	0.4041132	0.6027901	1.659305	1
cg00098061	EHMT2;EHMT2	0.16104	0.910546	1.01916	1.01916	0.594291	0.913216	-1.09503	0.02261	0.630647	-1.58567	0.968101	0.993419	-1.00662	0.499791	1.12263	1.12263	0.6857545	0.933612	-1.07111	0.470464	1.132	1.132	0.320296	1.18936	1.18936	0.0381383	1.50055	1.50055	2.0598	0.9302271	0.401451	1
cg20738719	SEMA5B	0.16104	0.88979	0.902867	-1.10758	0.1114141	0.0969675	-10.3127	0.0449344	0.183399	-5.45259	0.811536	0.83858	-1.19249	0.563726	1.53748	1.53748	0.4626375	0.576383	-1.73496	0.806974	1.19771	1.19771	0.942748	0.948444	-1.05436	0.4130317	1.85297	1.85297	2.0598	17.7189	7.64645	1
cg00052244	DLGAP2	0.161042	0.5250309	0.8597552	-1.16312	0.1838987	0.433183	-2.30916	0.4634618	0.833266	-1.20026	0.663078	0.867312	-1.15307	0.5422231	1.844323	1.844323	0.4677284	1.34868	1.34868	0.1170962	0.6619328	1.509832	1.509832	0.2216051	0.7779237	1.284613	0.5156462	0.7779237	1.284613	2.059983	0.5156462	0.7779237	1.284613	1
cg19370715	CASZ1;CASZ1	0.161049	0.1874249	0.622525	-1.60636	0.350503	0.724126	-1.38098	0.00946498	0.327757	-3.05104	0.389789	0.741582	-1.34847	0.159173	0.600233	-1.66602	0.2195809	0.645365	-1.54951	0.586922	1.20455	1.20455	0.452495	1.29647	1.29647	0.967708	0.98636	-1.01383	2.05974	3.75435	1.6202	1
cg08072980	HZF1	0.161051	0.4606854	1.123975	1.123975	0.313998	1.01697	1.01697	0.5622984	0.7040219	1.420605	0.7040219	1.420605	0.7040219	1.420605	0.7040219	1.420605	0.1133633	0.777485	-1.2862	0.1543721	0.8598357	1.16293	0.8598357	1.16293	0.7977487	1.25379	0.7977487	1.25379	0.8029328	1.245051	0.7977487	1.25379	0.8029328	1.245051	1
cg12274479	HSPG2	0.161052	0.732321	0.853845	-1.17117	0.0177994	0.26555	-3.76577	0.0794099	0.408256	-2.44952	0.842225	0.912364	-1.09605	0.1942298	0.551557	1.88127	0.9175549	0.953463	-1.04881	0.6249137	0.2927383	-3.41498	0.1781852	0.846611	-1.18118	0.488115	0.7235528	1.382122	2.059972	0.908899	2.98163	1
cg18624777	MORN1	0.161058	0.246309	0.508032	-1.96838	0.349759	0.584136	-1.71193	0.204679	0.47353	-2.1118	0.834404	1.12404	1.12404	0.026322	0.229568	4.35601	0.3261187	0.567625	-1.76173	0.0934762	0.3568461	-2.80233	0.0244914	0.223845	-4.46738	0.161333	0.4336557	-2.30597	2.059969	10.1772	4.39231	1
cg05334253	NDEL1;NDEL1	0.161058	0.0850543	0.288947	-3.46135	0.1705264	1.12725	1.12725	0.1274978	0.688276	1.03847	1.03847	0.1108347	0.2210993	4.5231668	0.200616	0.4946049	2.021384	0.0362317	0.170015	-5.88556	0.0178436	0.1004253	-9.95611	0.1115667	0.786232	-1.27189	0.2509888	0.645424	0.2734437	1				
cg03135259	PYROXD2;MIR1287	0.161061	0.475552	0.793996	-1.25945	0.105452	1.75483	1.75483	0.0645193	0.08387	0.083387	0.303639	1.403118	1.403118	0.8294809	0.933728	-1.07098	0.820786	1.07481	1.07481	0.732538	1.11524	1.11524	0.946064	0.976609	-1.02395	0.926004	0.97113	-1.02973	2.05967	0.397552	0.142311	1
cg15320854	SLC26A4;LOC286002	0.161063	0.545778	0.7984254	-1.25233	0.0150625	0.03637	3.03637	0.0612338	0.3111	3.2111	0.0613933	0.31169	3.209713	0.1600293	0.3111	3.2111	0.2970706	0.83183	1.83183	0.390762	0.2656226	3.76617	0.2656226	0.2656226	3.76617	0.0998274	0.1426209	7.012009	0.1426209	7.012009	2.059962	0.1426209	7.012009	0.1426209	7.012009	1
cg15682993	C1orf151;C1orf151;LEF1;LEF1;LEF1;LEF1;LOC641	0.161068	0.922471	1.05527	1.05527	?	?	0.0426335	3.89451	3.89451	0.160803	2.29521	2.29521	0.0129103	6.37559	6.37559	6.37559	0.2970706	1.83183	1.83183	0.390762	1.63266	1.63266	0.646897	1.2911	1.2911	0.326716	1.76118	1.76118	2.31555	0.47988	3.07051	1
cg09146695	518	0.161068	0.700789	0.924362	-1.08183	0.168019	1.44581	1.24567	0.42801	0.858	-1.1655	0.380912	1.3356	1.3356	0.0726226	0.64997	1.50383	0.5284422	878	-1.13895	0.0523295	1.567591	1.56759	0.435886	1.17578	1.17578	0.7192062	1.35362	0.584195	1				
cg17454831	MEIS1	0.16107	0.332291	0.422862	-2.36484	0.712349	0.727102	-1.37532	0.635813	1.5076	1.5076	?	?	?	0.17747	0.291305	-3.43283	0.373984	0.455973	-2.19311	0.0329581	0.116912	-8.55342	0.0872904	0.196993	-5.07641	0.0359865	0.122551	-8.15985	2.07479	21.6306	10.4255	1
cg26775289	MSI2;MSI2;MIR662	0.161072	0.860741	1.08482	-1.15496	0.2227734	0.79858	-1.25232	0.6830666	1.24523	0.8324428	0.960643	-1.10323	0.6858856	1.457903	0.4686	-2.13442	0.7514554	0.815	-1.22696	0.4599682	0.8550953	-1.1852	0.4599682	0.755523	-1.41739	0.6103886	0.788	-1.26903	2.0596	0.70143	0.02645	1
cg07158153	BCORL1	0.161073	0.747786	1.17099	1.17099	0.387115	0.648095	-1.54298	0.343294	0.620244	-1.61227	0.00567774	5.9008	5.9008	0.627552	0.7872757	1.27023	0.9808031	1.01182	1.01182	0.503467	0.7173159	-1.394	0.933443	0.959953	-1.04172	0.983832	1.00096	1.00096	2.059959	7.80775	3.36971	1
cg14020052	HDAC4 NS1;TATDN3;TATDN3;TATDN3;TATDN	0.161074	0.171608	0.207233	-4.82549	0.417611	0.408276	-2.44932	0.960001	1.05574	1.05574	0.26734	0.28676	-3.48723	0.0184741	0.0454863	-21.9846	0.408795	0.401057	-2.49341	0.0320368	0.0661124	-15.1258	0.158069	0.995521	-5.11455	0.0942724	0.136785	-7.31076	2.059958	38.1495	16.4648	1
cg23806034	J;NS1;TATDN3	0.161078	0.748118	1.059	1.059	0.0854147	1.40256	1.40256	0.0567962	1.4675	1.4675	0.354284	0.844044	-1.18477	0.44013	1.15028	1.15028	0.712179	0.936199	-1.06815	0.6698856	0.696251	-1.43626	0.808816	1.02059	1.02059	0.171481	1.29565	1.29565	2.05956	1.03248	0.445609	1
cg01357135	PPM1J	0.161079	0.5945517	0.7254474	-1.37853	0.221383	0.405946	-2.46399	0.1199	0.3111	3.2111	0.1326926	0.3111	3.2111	0.1326926	0.3111	3.2111	0.3192093	0.59386	-1.68407	0.0751225	0.5180886	-1.92956	0.5180886	-5.59434	0.0178625	0.2090666	-4.78375	0.1663629	2.059956	0.1663629	2.059956	0.1663629	2.059956	0.1663629	2.059956	1
cg25851488	OR8U1;OR5M10	0.161081	0.0619011	0.715577	-1.39747	0.6395733	1.07797	1.07797	0.204756	0.8081562	-1.23739	0.102284	0.752292	-1.33927	0.0650438	0.719005	-1.39064	0.6649782	0.719023	-1.39078	0.57848	0.9145319	-1.09345	0.8123821	1.03858	1.03858	0.0695465	0.723883	-1.38144	0.29554	0.8265118	0.356721	1
cg09197293	ZNF598	0.161091	0.31222	0.577176	-1.73196	0.8090546	1.153202	1.153202	0.2722384	0.32006	3.12506	0.2722384	0.32006	3.12506	0.2722384	0.32006	3.12506	0.1456091	0.6860951	1.457503	0.2291273	0.5354515	-1.86822	0.2291273	1.64481	0.6084748	0.7675773	-1.30208	2.059947	1.81818	0.468373	1				
cg27618939	NXRI;LACTB2	0.161093	0.4694562	1.3731	1.3731	0.162046	1.908577	1.908577	0.0402721	1.76623	1.76623	0.257015	1.631036	1.631036	0.0180467	1.644033	1.644033	0.7579335	1.14246	1.14246	0.0993564	0.459202	2.177658	0.1514042	0.915694	-1.09311	0.4754848	1.36706	1.36706	2.059946	0.45034	0.21312	1
cg23178195	FXYD1;FXYD1	0.161099	0.0869596	0.53838	-1.85742	0.0813888	0.531114	-1.88283	0.732016	0.893507	-1.11918	0.709044	0.884456	-1.13064	0.0195013	0.458364	-2.18167	0.171368	0.620619	-1.61129	0.0826455	0.532785	-1.87693	0.047814	0.476525	-2.09852	0.863059	1.05818	1.05818	2.05943	3.49887	1.51061	1
cg25681177	GAPDH;GAPDHS	0.161099	0.5349005	0.8037054	-1.24457	0.3015436	1.259174	1.259174	0.2612655	0.7955	-1.25675	0.1502532	0.856799	-1.16724	0.1390135	0.7870124	-1.27057	0.6020271	0.1849202	-5.40811	0.0136116	0.1453393	-6.88082	0.2208437	0.8947352	1.118113	0.8011455	0.5153133	-1.94049	0.5567444	1.223051	0.205942	3.98346	1.70225	1
cg23544577	ZNF738	0.161103	0.581675	0.916724	-1.09084	0.39659	1.14528	1.14528	0.305152	1.18048	1.18048	0.102153	1.32202	1.32202	0.834886	0.9679912	1.03315	0.313361	1.17697	1.17697	0.0216663	1.53846	1.53846	0.16557	0.794162	-1.25919	0.473898	0.802428	1.12054	2.0594	0.796374	0.343735	1
cg24959126	ZBTB33	0.161104	0.1539	1.477353	1.477353	0.28391	1.32755	1.32755	0.3671895	0.78815	-1.26719	0.236079	0.72478	-1.37973	0.9544888	0.985579	-1.01463	0.97855	1.0069	1.0069	0.9383727	1.8421	1.8421	0.790902	0.934326	-1.07029	0.0760151	0.6036897	-1.65646	2.0594	2.51336	0.919551	1
cg16299159	MCF2L;MCF2L	0.161104	0.464766	1.28278	1.28278	0.0994425	1.82614	1.82614	0.0477387	3.13363	3.13363	0.1478373	3.13363	3.13363	0.1478373	1.77537	0.679552	0.8710202	-1.14816	0.7400896	1.41743	1.117343	1.516889	1.3168	1.3168	0.50009	1.25707	1.257072	1.150012	1.25082	2.059936	1.25082	0.459036	1.53779	1
cg22871659	PHYHIL;PHYHIL;PYHIN1;PYHIN1	0.161113	0.131399	0.750057	-1.33323	0.319386	0.201188	1.70823	0.1958398	1.00993	1.00993	0.4161512	0.863504	-1.15807	0.0593641	0.686697	-1.45625	0.667521	0.170918	1.07938	0.0576398	1.480697	1.46097	0.271905	1.2238	1.2238	0.439061	1.869909	-1.14955	2.05934	1.01709	0.439014	1
cg27644247	RELB	0.161145	0.704384	1.097803	-1.09127	0.5437875	0.527228	1.896571	0.4621085	0.583684	-1.71326	0.2027811	0.566004	-1.76724	0.5838458	-1.71326	0.2027811	0.0663119	1.41151	1.41151	0.0178625	2.0206448	2.020648	0.0178625	2.0206448	0.0178625	2.0206448	0.0714434	-13.9386	0.0714434	-13.9386	0.0714434	-13.9386	0.0714434	-13.9386	0.0714434	-13.9386	1
cg01502407	RHBDF1 ANKHD1;ANKHD1-	0.161118	0.00978026	0.349438	-2.86174	0.635992	0.857736	-1.16586	0.21734	0.65853	-1.51853	0.186910	0.63746	-1.56873	0.203379	0.649118	1.54055	0.9949889	0.997981	1.00202	0.878698	1.05039	1.05039	0.576993	1.19886	1.19886	0.0934169	0.552159	-1.81107	0.29531	1.37879	1.45843	1
cg10835547	EIF4EBP3;ANKHD1;ANKHD1	0.161121	0.788574	0.15347	1.05347	0.65089	1.0923	1.0923	0.585077	1.11279	1.11279	0.975626	1.00594	1.00594	0.232653	0.7864617	-1.27451	0.449831	1.16095	1.16095	0.246391	0.790629	-1.26482	0.0296325	1.89636	1.89636	0.241133	1.26846	1.26846	2.05929	1.22497	0.528756	1
cg18438442	MTHFD1;MTHFD1	0.161122	0.0574039	0.719772	-1.38933	0.131698	0.779623	-1.28267	0.360594	0.8660969	-1.15464	0.116487	0.770324	-1.29816	0.163043	0.79629	-1.25582	0.2626404	0.836361	-1.19566	0.225344	0.82299	-1.21508	0.131862	1.28251	1.28251	0.532	1.10169	1.10169	2.05929	0.763171	0.329508	1
cg22539450	EMX1	0.161125	0.0742306	0.261582	-3.82282	0.1574574	1.72337	1.72337	0.1870101	2.03985	2.03985	0.310206	1.299301	1.299301	0.3631794	0.4740085	2.10924	0.1928284	0.1849202	-5.40811	0.0136116	0.1453393	-6.88082	0.2208437	0.8947352	1.118113	0.8011455	0.5153133	-1.94049	0.5567444	1.223051	0.205942	3.98346	1.70225	1
cg27414263	UNK	0.161127	0.0883156	0.829834	-1.20506	0.684521	1.04132	1.04132	0.0588229	1.23558	1.23558	0.566101	0.944128	-1.05918	0.17048	1.15568	1.15568	0.420104	1.08508	1.08508	0.52596	1.06577	1.06577	0.640372	1.04774	1.04774	0.2441704	1.26202	1.26202	2.05926	0.32044	0.13832	1
cg07084973	KLHDC8B	0.161128	0.4555357	1.3881	1.3881	0.112174	1.32748	1.32748	0.0393172	2.1246	2.1246	0.0699372	1.32437	1.32437	0.0731274	1.5047666	1.5047666	0.9165604	1.03003	1.03003	0.8453362	1.4114557	1.4114557	0.0135615	1.55586	1.55586	0.0442296	1.56072	1.56072	2.05924	1.13136	0.489513	1
cg03305454	HIGD1A;HIGD1A;HIGD1A	0.16133	0.0439474	0.181285	-5.51617	0.0267933	0.144413	-6.92457	0.169375	0.339654	-2.94418	0.570507	0.655156	-1.52635	0.366666	0.504566	1.9819	0.2064559	0.374233	-2.67213	0.0265981	0.143927	-6.94796	0.780138	0.813502	-1.22925	0.426682	0.549549	-1.81967	2.05924	17.7437	7.65926	1
cg09260225	FBSZ;FBSZ	0.161133	0.0178353	0.628885	-1.59011	0.922359	0.984423	-1.01582	0.409826	1.14539	1.14539	0.119426	0.761752	-1.31276	0.302893	0.842089	-1.18752	0.230069	1.22482	1.22482	0.294774	0.839461	-1.19124	0.873834	1.02592	1.02592	0.202983	0.805382	-1.24165	0.59223	0.845804	0.365138	1
cg03637878	JAM3	0.161142	0.0702787	0.464925	-2.15171	0.469475	1.83778	1.83778	0.0378705	1.90599	1.90599	0.2579997	0.524792	-1.90582	0.1384404	0.702807	-1.42307	0.2128424	1.23529	1.23529	0.0172478	1.38727	1.38727	0.1170474	1.93204	1.93204	0.1682589	0.85738	-1.16634	2.05922	1.0003	2.20149	1
cg25482853	SGK3;SGK3;SGK3	0.161138	0.761112	0.932816	-1.07202	0.175146	0.719731	-1.38941	0.403419	0.822824	-1.21533	0.998093	0.999455	-1.00055	0.636469	1.1147	1.1147	0.159203	0.709534	-1.40938	0.00575614	0.456834	-2.18898	0.520034	1.16036	1.16036	0.742189	1.0782	1.0782	2.05918	1.69653	0.732344	1
cg11027637	HECA	0.161139	0.176609	0.77992	-1.2822	0.586018	1.20984	1.20984	0.2445369	1.23204	1.23204	0.3972955	1.16182	1.16182	0.3539758	0.8610308	-1.16137	0.2400803	0.808556	-1.23677	0.4201399	1.71399	1.71399	0.0139422	0.942979	-1.06047	0.544271	1.11205	1.11205	2.05912

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
ab56278939	TIFA	0.161314	0.24713	1.13251	0.23321	0.879384	-1.13716	0.815874	0.976184	-1.0244	0.839159	0.979218	-1.02122	0.238801	0.13597	-1.13557	0.425812	0.919398	-1.08767	0.0151686	0.734722	-1.38206	0.83313	1.11384	1.11384	0.496554	1.07394	2.05809	0.348676	0.150334	1
ab0021786	FTHL17	0.161319	0.477994	1.42055	1.42055	0.405487	0.660893	-1.5131	0.0848789	2.52751	1.543872	0.688232	0.680956	-1.46852	0.324749	0.609657	-1.64027	0.561238	1.33093	1.33093	0.847018	-1.18061	0.807269	0.887864	-1.1263	0.0143098	0.229972	-4.34835	2.05806	7.71872	3.33376	1
ab08969912	BCL6	0.16132	?	?	?	0.534409	1.43963	1.43963	0.604397	1.35348	1.35348	?	?	?	0.0461733	2.066338	-3.75463	0.764401	1.19013	1.19013	0.0505283	0.275511	-3.6349	?	?	?	0.373056	0.588857	-1.6982	2.11469	7.48827	4.72142	1
ab21862529	EDN2	0.161327	0.182101	0.418913	-2.38713	0.324796	0.535421	-1.86769	0.66591	1.80589	1.30589	0.405782	0.59301	-1.68631	0.0765393	0.298107	-3.3545	0.333704	0.541981	-1.84508	0.0165346	0.165478	-6.04311	0.0514865	0.256151	-3.90395	0.21477	0.448281	-2.23074	2.05801	12.3029	5.31381	1
ab10147507	ARHGEF3	0.161327	0.0362929	0.5024	5.0524	2.277146	2.1216	2.1216	0.208099	2.41871	2.41871	0.328676	1.95603	1.95603	0.299127	0.48874	-2.04608	0.0708361	3.83148	3.83148	0.931067	1.05927	0.0536223	4.29947	4.29947	0.221161	2.35341	2.35341	2.05801	14.4349	6.23468	1
ab10355389	CLSTN2	0.161328	0.0702823	0.549071	-1.82126	0.78412	0.921854	-1.08477	0.691511	0.8885838	-1.12544	0.611589	0.16386	-1.36238	0.0691186	0.54738	-1.82688	0.689729	0.887892	-1.12626	0.0130841	0.401723	-2.48928	0.15775	0.639185	-1.56449	0.545237	0.834099	-1.1989	2.05801	2.86164	1.23599	1
ab12580580	CCDC109A /// CHCHD1,C12orf32,C12orf32-FOXM1,FO	0.161328	0.154161	0.495863	-2.01669	0.118887	2.17783	2.17783	0.471074	1.40092	1.40092	0.47225	0.714475	-1.39963	0.888735	1.06649	1.06649	0.844278	0.913539	-1.09464	0.0141107	0.248331	-4.02688	0.377145	0.659207	-1.51697	0.500489	0.730187	-1.36951	2.058	6.89183	2.97671	1
ab08822635	XM1;C12orf52	0.161338	0.167714	0.685614	-1.45855	0.885241	0.963609	-1.03777	0.0645872	0.586914	-1.70383	0.594354	0.871125	-1.14794	0.0420729	0.54814	-1.82435	0.397521	1.24878	1.24878	0.263193	0.74226	-1.34724	0.0371385	0.537339	-1.86102	0.2225519	0.719604	-1.38965	2.05794	2.14749	0.927567	1
ab06804815	RTDR1;GNAZ	0.161339	0.380632	0.815897	-1.22564	0.873274	0.96453	-1.03677	0.35436	0.806071	-1.24058	0.952459	1.01358	1.01358	0.00570549	0.440369	-2.27082	0.35556	0.806531	-1.23988	0.783494	1.0643	1.0643	0.147891	0.703818	-1.42082	0.167514	0.716868	-1.39496	2.05794	1.66842	0.720644	1
ab24031505	CDYL;CDYL	0.161344	0.161557	1.87687	1.87687	0.254704	1.60516	1.60516	0.180555	1.26499	1.26499	0.1091	1.28732	1.28732	0.139793	1.79358	1.13558	0.188169	1.79914	1.79914	0.0165586	3.45341	3.45341	0.0814643	2.25543	2.25543	0.0713175	2.33573	2.0579	5.78123	2.49714	1
ab13328151	SLC22A18;SLC22A18	0.161346	0.347549	0.715091	-1.39842	0.0108341	0.329732	-3.03277	0.0785463	0.5079	-1.96889	0.533532	0.803612	-1.24438	0.186575	0.615419	-1.62491	0.731878	1.12665	1.12665	0.796514	1.09373	0.117901	0.555044	-1.80166	0.0926271	0.99682	-1.00319	2.0579	3.91799	1.69234	1
ab21157726	VAV2;VAV2	0.161348	0.218843	0.497453	-2.10292	0.0794168	3.1973	3.1973	0.099799	2.83986	2.83986	0.410773	0.616647	-1.62163	0.441461	0.636893	-1.57012	0.561335	0.713494	-1.40155	0.552795	0.708081	-1.41227	0.0660539	0.307167	-3.25596	0.327978	0.559693	-1.78669	2.05788	10.7677	4.651923	1
ab23340034	ST6GAL1;ST6GAL1;ST6GAL1	0.161351	0.612635	1.14887	1.14887	0.0114491	1.98872	1.98872	0.164372	1.49669	1.49669	0.422738	1.24929	1.24929	0.18161	1.60731	-1.47024	0.262876	1.37338	1.37338	0.284736	1.3526	1.3526	0.0642998	1.75949	1.75949	0.517615	0.83669	-1.19519	2.05787	2.40787	1.04007	1
ab26039676	ZNF440;ZNF750	0.16135	0.225037	0.451505	-2.21481	0.147586	0.379249	-2.63679	0.999201	0.999375	-1.00063	0.026164	5.58805	5.58805	0.958037	0.967609	-1.03338	0.173406	0.404992	-2.46918	0.465191	2.15018	2.15018	0.0191502	3.56012	3.56012	0.246915	2.12871	2.12871	0.447058	2.62187	2.62187	0.70787	2.0579	12.695	5.481833	1
ab25184643	ARHGEF15	0.161352	0.0434157	0.60744	0.0133216	1.30438	1.20438	1.20438	0.54891	1.93788	1.39788	0.115265	2.32729	2.32729	0.181147	2.10054	2.19064	0.258156	1.91899	1.91899	0.145749	2.36959	2.36959	0.0178885	2.82944	2.82944	0.0193231	4.04916	2.0579	9.94396	4.29529	1
ab25367332	PKNOX2 /// ARHGEF7,ARHGEF7,ARHGEF7,ARHGEF	0.161352	0.178617	0.678437	-1.47398	0.411976	1.25576	1.25576	0.13614	1.54649	1.54649	0.019953	2.14379	2.14379	0.190356	1.45719	1.45719	0.54539	1.18075	1.18075	0.0815841	1.68884	1.68884	0.485041	1.21243	1.21243	0.900333	1.0346	1.0346	0.05785	2.40231	1.03768	1
ab23228745	?;ARHGEF7	0.161354	0.109771	0.417913	-2.39284	0.708345	1.20691	1.20691	0.416409	1.51538	1.51538	0.885245	1.07495	1.07495	0.0250649	0.265229	-3.77033	0.165868	0.477341	-2.09494	0.0627942	0.350739	-2.85113	0.783235	0.871088	-1.14799	0.194026	0.50274	-1.9891	2.05784	8.16289	3.52597	1
ab17075096	FAM24B	0.161357	0.0433053	0.424608	-2.35511	0.288295	0.666131	-1.50121	0.757646	0.892197	-1.12083	0.208241	0.613269	-1.63061	0.0274411	0.382387	-2.61515	0.0816844	0.491119	-2.03617	0.521867	0.787229	-1.27028	0.762001	0.894097	-1.11845	0.0442901	0.426799	-2.34302	2.05782	4.42644	1.91203	1
ab16491274	FBXO42;FBXO42	0.161359	0.1145933	0.658205	-1.51928	0.153854	1.15175	1.15175	0.763086	0.92807	-1.07846	0.775229	0.932605	-1.07227	0.213743	1.37585	-1.13585	0.242079	1.3477	1.3477	0.0158668	0.486739	-2.05449	0.984866	1.00464	1.00464	0.938218	1.16403	1.16403	2.05781	1.93589	0.836223	1
ab10009118	GALNT9;LOC100130238	0.161359	0.535576	1.23683	1.23683	0.562054	1.2197	1.2197	0.817306	1.08155	1.08155	0.828392	0.929093	-1.07632	0.0842072	0.318559	-3.13913	0.193753	0.627598	-1.59338	0.360959	1.37461	1.37461	0.68872	0.872469	-1.14617	0.0472734	0.663749	-1.50659	2.05781	3.74087	1.6159	1
ab13567542	TRIM15	0.161361	0.120048	0.73073	1.58393	0.0732946	1.51814	1.51814	0.734784	1.10442	1.10442	0.0144	1.52199	1.52199	0.0426562	0.44007	-2.27217	0.0858403	0.516553	1.93555	0.0155155	0.553551	-1.80652	0.0476887	0.277244	2.27724	0.0181856	31.3158	2.0578	47.1706	20.0807	1
ab02877808	MIF	0.161364	0.450517	1.59535	1.59535	0.0251932	0.198443	-5.03923	0.155913	0.397609	-2.51503	0.182177	0.423062	-2.36372	0.436394	1.61991	1.61991	0.168158	2.44066	2.44066	0.530307	1.47139	1.47139	0.647369	1.32286	1.32286	0.579575	1.40491	1.40491	2.05778	12.0287	5.19596	1
ab09302015	PWP2	0.161365	0.332662	1.3344	1.3344	0.0146005	2.38251	2.38251	0.0955572	1.69646	1.69646	0.58725	1.17142	1.17142	0.203369	1.47765	1.47765	0.599587	0.858198	-1.16523	0.0793838	1.7544	1.7544	0.552256	0.840653	-1.18955	0.65489	1.1368	1.13868	2.05777	2.71566	1.17308	1
ab22306408	SLC22A8;SLC22A8	0.161369	0.932727	1.03697	1.03697	0.279762	0.809602	-1.47012	0.0175876	0.411702	-2.42894	0.0414811	1.06185	1.06185	0.126137	0.732589	-1.36434	0.715851	1.09705	1.09705	0.666734	1.04641	1.04641	0.879988	0.883581	-1.13176	0.128274	1.63313	1.63313	2.05775	2.90218	1.25366	1
ab09320703	C7orf50;C7orf50;C7orf50	0.161375	0.0699233	0.744771	-1.34269	0.324334	0.862428	-1.15952	0.0369325	0.703026	-1.42242	0.322477	0.861905	-1.16022	0.137612	0.792548	-1.26175	0.319244	1.16145	1.16145	0.333472	1.15611	1.15611	0.152268	0.800128	-1.2498	0.785456	0.961101	-1.04047	2.05771	0.689064	0.297661	1
ab26556244	EPHA1	0.161376	0.20129	1.76203	1.76203	0.680973	1.18496	1.18496	0.364586	1.54838	1.54838	-1.75952	0.810894	1.4897	1.4897	1.48707	-1.50153	0.229546	1.70346	1.70346	0.15598	0.527615	-1.89533	0.0500117	2.55048	2.55048	0.786136	1.13068	1.12068	2.05771	5.71961	2.47076	1
ab05229340	CCDC46	0.16378	0.169806	0.725069	-1.37918	0.535307	0.873287	-1.1451	0.904917	1.02601	1.02601	0.760884	0.921921	-1.08469	0.620079	0.897919	-1.11369	0.846714	0.959255	-1.04248	0.025486	1.83818	1.83818	0.175886	1.728922	-1.37189	0.0741461	0.640084	1.56054	2.30044	1.60161	0.464145	1
ab25385529	MPPED2 /// MTEMP2;MTEMP2,MTEMP2;MTEMP	0.161378	0.89552	1.03689	1.03689	0.514826	0.833501	-1.19976	0.299154	1.34543	1.34543	0.530329	0.839224	-1.19158	0.116618	0.624934	-1.60017	0.0355962	0.50941	-1.96306	0.918293	1.0287	1.0287	0.117303	1.59852	1.59852	0.191866	1.46367	1.46367	2.05769	2.47779	1.07036	1
ab13878775	D2;MTERFD2	0.16138	0.483677	1.25684	1.25684	0.0198544	0.405131	-2.46725	0.310845	0.714077	-1.40141	0.0330185	0.718277	-1.39222	0.0357479	0.456223	-2.19191	0.640754	1.62912	1.62912	0.445147	1.28399	1.28399	0.915744	0.966583	-1.03457	0.599941	0.843692	-1.18527	2.05768	3.36143	1.45209	1
ab28210099	MAEA;MAEA	0.161381	0.227094	1.37927	1.37927	0.0729746	1.45498	1.45498	0.0819407	1.58757	1.58757	0.558028	1.00164	1.00164	0.566857	1.86462	-1.15657	0.0528664	1.57154	1.57154	-1.73867	0.102078	0.0961493	0.997914	-1.00026	0.457409	0.826824	-2.20945	2.05767	2.5579	0.888946	1
ab05553829	SDR16C6	0.161383	0.0619816	0.224476	-4.45482	0.112786	0.293143	-3.41131	0.0956322	0.272188	-3.67393	0.386214	0.531817	-1.88035	0.0601993	0.221599	-4.51265	0.103728	0.282293	-3.54242	0.0317724	0.167083	-5.98504	0.387201	0.532549	-1.87776	0.13174	0.314555	-3.1791	2.05766	16.4687	7.11431	1
ab04790923	GPR133	0.161386	0.132411	0.531578	-1.88119	0.00887841	0.273363	-3.65457	0.0698481	0.45433	-2.20104	0.90849	1.04576	1.04576	0.592535	0.810397	-1.23396	0.757112	1.28212	1.28212	0.241132	0.621685	-1.60853	0.664138	0.843648	-1.18533	0.0231179	0.671074	-1.49015	2.05764	4.9356	2.13215	1
ab14730445	SLC5A8	0.161387	0.4496242	1.19064	1.19064	0.374693	1.34814	1.34814	0.254859	1.23795	1.23795	0.923955	1.02395	1.02395	0.318313	1.46056	-1.60161	0.367661	1.24284	1.24284	0.146445	1.72487	-1.42603	0.0460919	0.502317	2.17434	0.0182859	2.34833	2.34833	2.05766	14.8831	6.786099	1.27884	1.61759	1
ab06554331	FAM21A;FAM21A /// TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP	0.161388	0.214253	1.36266	1.36266	0.645386	1.1159	1.1159	0.235687	1.34191	1.34191	0.857886	0.958469	-1.04333	0.507412	1.17252	1.17252	0.377741	1.23885	1.23885	0.014507	0.490316	-2.0395	0.550176	0.866698	-1.1538	0.247931	0.751372	-1.3309	0.576763	1.8251	0.788435	1
ab03270395	2;TRAF3IP2	0.16139	0.251201	0.524964	-1.90489	0.00458565	0.131521	-7.60333	0.397154	0.627476	-1.59369	0.611473	1.31701	1.31701	0.0660694	0.810232	-1.23421	0.241115	0.51705	-1.93405	0.448208	0.660028	-1.51509	0.962824	1.02537	1.02537	0.394182	0.625545	-1.59861	2.05762	9.41622	4.06779	1
ab21510789	C1orf65	0.161391	0.443661	1.09775	1.09775	0.0179572	1.40972	1.40972	0.0369618	1.33551	1.33551	0.783146	0.967591	-1.03349	0.980156	0.602917	1.00297	1.00297	0.257666	1.15149	1.15149	0.289722	0.877021	-1.14022	0.512714	1.08251	1.08251	0.342317	1.12393	1.12393	2.05762	0.464707	0.200753	1
ab20939476	NEDD4	0.161399	0.36201	1.50162	1.50162	0.0168073	1.18496	1.18496	0.0114473	2.2977	2.2977	0.319911	1.33101	1.33101	0.0423007	1.65301	1.65301	0.255663	1.37427	1.37427	0.0138501	1.94781	1.94781	0.0129944	1.67125	-5.58354	0.992841	1.00504	1.00504	2.05761	2.71851	1.32705	1
ab19995800	ERCC2;ERCC2;ERCC2	0.1614	0.673334	0.924118	-1.08411	0.363214	0.1955	-1.1955	0.0114078	1.86771	1.86771	0.868553	1.00321	1.00321	-1.04824	0.0492468	0.863287	-1.15836	0.132754	1.36659	1.36659	0.806451	0.954351	-1.04783	0.369233	1.19267	1.19267	0.308628	0.817447	-1.22332	2.05765	1.21186	0.436644	1
ab25659288	NXN	0.161404	0.455272	1.31622	1.31622	0.28628	1.32408	1.32408	0.0134778	1.28238	1.28238	0.0134778	1.37532	1.37532	0.0605601	1.44972	1.44972	0.0206403	1.54623	1.54623	0.0117	1.3477	1.3477	0.167267	1.77202	-1.39368	0.166485	0.672094	-1.48783	0.0672995	0.0419133	0.184338	0.0425021	0.0452	1.05801	1.04625	0.0755	1.05801	1.04625	0.0755	1.05801	1.04625	0.0755

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N) vs. N)	p-value(105T N)	Fold-Change(105T vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(111T vs. N)	p-value(112T 11T vs. N)	Fold-Change(112T vs. N)	p-value(112T 12T vs. N)	Fold-Change(112T vs. N)	p-value(121T N)	Fold-Change(121T vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	Ratio(1537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg24741702	SLC35F2;SLC35F2	0.161604	1.173655	0.709929	-1.31591	0.0924478	0.703756	-1.42095	0.382118	0.844386	-1.1857	0.911931	1.0212	1.02512	0.580538	0.899556	1.11166	1.11166	0.0992216	0.709816	-1.40881	0.00831453	0.52758	-1.89545	0.649387	0.915453	-1.09236	0.985968	1.00334	1.00334	2.05629	1.17134	0.506344	1
cg09667134	TRNAP	0.161611	0.294885	0.736215	-1.35833	0.092125	0.592954	-1.68647	0.0367323	0.504564	-1.98191	0.987905	1.00364	1.00364	0.914001	0.792328	1.2621	1.2621	0.750586	1.09406	1.05675	0.783752	1.83752	0.780551	1.08191	1.08191	0.447455	0.803917	-1.24391	2.05625	2.58791	1.11872	1
cg19248659	DUS1L	0.161614	0.950881	0.992104	-1.00796	0.1178	1.24431	1.24431	0.72653	0.955818	-1.04622	0.477304	1.09745	1.09745	0.227254	0.849481	-1.17719	1.17719	0.639195	0.941042	-1.06265	0.00920934	1.5303	1.5303	0.655153	1.05956	1.05956	0.5748353	1.07566	1.07566	2.05623	0.539336	0.223315	1
cg25299185	LPP	0.161617	0.338037	0.687084	-1.45547	0.489731	0.765097	-1.30557	0.0351305	0.359349	-2.54136	0.241581	0.627624	-1.59331	0.301574	0.665828	-1.5019	1.5019	0.501737	0.771738	-1.29726	0.0077458	0.272604	-3.66832	0.271924	0.647527	-1.54434	0.352022	0.695421	-1.43708	2.05621	4.70285	2.03302	1
cg09132909	GPR139	0.161619	0.189036	0.426807	-2.34298	0.506485	0.662034	-1.5105	0.0762141	0.299047	-3.34396	0.694358	0.785320	-1.27335	0.011522	0.144626	-6.9144	6.9144	0.432339	0.612424	-1.63286	0.153035	0.3920357	-2.55065	0.552613	0.6923392	-1.44427	0.0519413	0.258422	-3.86964	2.0562	12.1932	5.2711	1
cg09769403	FBXO28;FBXO28	0.161626	0.474114	0.605545	-1.50253	0.853983	1.10853	1.10853	0.857233	0.904192	-1.10596	0.0514645	1.45568	1.45568	0.0156822	0.190804	-5.24092	5.24092	0.2221766	0.487602	-2.09285	0.643621	0.7706518	-1.29766	0.897243	1.07494	1.07494	0.699635	0.8050471	-1.24213	2.05615	10.1864	4.40364	1
cg02458088	MON1B	0.161626	0.920549	0.982348	-1.01797	0.960629	0.991226	-1.00885	0.0860407	0.712745	-1.40303	0.634021	0.917944	-1.08939	0.022805	0.614842	-1.62643	1.62643	0.884839	1.02621	1.02621	0.11852	1.35326	1.35326	0.60537	0.91115	-1.09751	0.1117772	0.734053	-1.3623	2.05615	1.03779	0.448645	1
cg24378048	SWAP70	0.161628	0.104722	5.62923	5.67923	0.102613	5.75123	5.75123	0.823778	0.814744	-1.23501	0.7865118	1.30695	1.30695	0.776994	0.75719	-1.32067	1.32067	0.702863	0.687015	-1.45557	0.6649796	1.55268	1.55268	0.0119052	0.21676	21.6376	0.1343051	4.86112	4.86112	2.05614	31.2423	15.5063	1
cg08014994	ABCC3;ABCC3	0.161632	0.0370865	0.579745	-1.7249	0.171171	0.908305	-1.10095	0.0802115	0.645576	-1.54876	0.0469098	1.95233	1.95233	0.669113	0.365941	2.73244	2.73244	0.524874	0.794312	-1.25895	0.5210099	1.26587	1.26587	0.0438384	2.288	2.288	0.972341	0.987686	-1.01247	2.05588	4.1587	1.79807	1
cg14012112	PCDH9;PCDH9	0.16167	0.494211	1.12882	1.12882	0.105357	1.36182	1.36182	0.0805913	0.40183	1.40183	0.0559211	1.45933	1.45933	0.0764035	1.41067	1.41067	1.41067	0.178812	1.28312	1.28312	0.324404	1.19438	1.19438	0.217371	0.797306	-1.25422	0.225564	1.24874	1.24874	2.05588	0.9919928	0.428874	1
cg08566247	ARL4A;ARL4A;ARL4A ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;	0.161671	0.691571	1.05786	1.05786	0.154534	1.39381	1.39381	0.139084	0.728949	1.28949	0.315942	1.86399	1.86399	0.115022	0.250574	1.44346	1.44346	0.749587	0.955835	-1.04621	0.515475	0.784844	-1.3511	0.0783844	1.29139	1.29139	0.879321	0.978797	-1.02166	2.05587	0.647942	2.08205	1
cg01336323	ATP5SL;ATP5SL	0.161672	0.536557	0.940393	-1.06338	0.541245	1.06262	1.06262	0.474892	0.931128	-1.07397	0.335639	1.30241	1.30241	0.0956265	0.83547	-1.19693	1.19693	0.0538437	1.23983	1.23983	0.349118	0.909687	-1.09928	0.0949115	1.19749	1.19749	0.273339	1.11845	1.11845	0.25587	0.313997	0.135762	1
cg01031100	CHERP	0.161672	0.2767	0.605951	-1.6503	0.134653	2.0425	2.0425	0.311661	0.629109	-1.58955	0.981606	0.989844	-1.01026	0.89817	1.05833	1.05833	1.05833	0.206307	0.554198	-1.80441	0.013589	0.258712	-3.86531	0.838325	1.09468	1.09468	0.258615	0.593398	-1.68521	0.25587	6.38352	2.76002	1
cg21264131	GRIN2C	0.161673	0.374505	0.695476	-1.43787	0.934607	1.03323	1.03323	0.630043	0.21332	-2.11312	0.729191	0.870695	-1.14851	0.488881	1.32328	1.32328	1.32328	0.176675	1.72115	1.72115	0.0067848	4.04591	4.04591	0.850882	1.07786	1.07786	0.19095	1.73618	1.73618	2.05586	5.16819	2.23456	1
cg17722319	EFHC1	0.161678	0.839231	1.60894	-1.24422	0.225472	1.04605	1.04605	0.908324	0.0650599	1.22711	1.22711	0.354672	0.86521	-1.09545	0.3732553	0.95024	-1.05203	0.0300152	0.779109	-1.2836	0.0154672	0.6112	-1.63598	0.0398995	0.194249	-1.09379	0.817624	0.978995	-1.02146	0.7762007	0.706495	0.2750011	0.118007	1
cg08086177	NEU2	0.161681	0.509968	0.886154	-1.12847	0.763309	0.947302	-1.05563	0.292555	0.820804	-1.21832	0.6565	0.922242	-1.08431	0.522121	1.12448	1.12448	1.12448	0.113382	1.36554	1.36554	0.0197368	1.66395	1.66395	0.0929457	1.39692	1.39692	0.484353	1.13714	1.13714	0.25581	1.06478	0.460387	1
cg16358599	RPL11	0.161685	0.293659	0.739603	-1.35314	0.524838	1.04551	1.04551	0.312889	0.38474	1.38474	0.290532	0.763746	1.31277	0.307403	0.770384	1.29775	1.29775	0.189081	1.0034	1.0034	0.9945552	1.55	1.55	0.0818857	0.619733	-1.6136	0.546367	1.16352	1.16352	1.02579	2.00412	0.866548	1
cg05876325	TSTA3	0.161686	0.920286	0.987956	-1.01219	0.641861	0.94488	-1.05834	0.023405	0.38795	1.38795	0.290865	1.15247	1.15247	0.0156127	0.764281	1.30842	1.30842	0.61122	1.09898	-1.02117	0.7264281	1.30842	1.30842	0.0970434	0.970936	-1.02993	0.299411	0.877936	1.13903	0.055878	0.4740705	0.206276	1
cg18585789	TTN;TTN;TTN;TTN;TTN	0.161689	0.0778267	0.237476	-4.21095	0.645231	1.40509	1.40509	0.37215	0.510586	-1.95854	0.164576	0.336951	-2.96779	0.0160051	0.114946	-8.69975	8.69975	0.10537	0.273081	-3.66191	0.35694	0.499039	-2.00385	0.107902	0.276111	-3.62173	0.247326	0.411734	-2.42876	0.05576	17.523	7.57676	1
cg04405538	ZNF497	0.161693	0.2683	0.3728	-2.68271	0.102917	1.39961	1.39961	0.122425	0.247	-4.04867	0.0577	0.12038	0.12374	0.0122222	0.241245	-4.14245	4.14245	0.909095	0.982228	-1.01696	0.9424	0.51568	1.94007	0.0168478	0.512824	-1.95051	0.0424439	0.902402	1.10772	0.0595458	0.6745451	0.200231	1
cg18785402	CCNY;CCNY;CCNY;CCNY;CDK15;CDK15;COX15;COX15	0.161696	0.854977	0.979272	-1.02117	0.0670516	1.26491	1.26491	0.047923	0.771904	-1.2955	0.315939	0.888072	-1.12604	0.354574	1.1152	1.1152	1.1152	0.749667	1.03733	1.03733	0.172425	0.846827	-1.18088	0.441234	1.09407	1.09407	0.248851	1.14944	1.14944	0.55572	0.426724	0.184515	1
cg08833675	SOX7	0.161697	0.525659	0.819392	-1.21982	0.242195	1.13458	1.13458	0.0842861	0.653389	-1.53035	0.0606007	0.9309951	-1.48545	0.0469134	1.0734	1.0734	1.0734	0.2482528	0.7242	0.7242	0.0002552	3.3165	3.3165	0.0014955	0.749665	0.749665	0.0047351	1.43742	1.43742	0.55572	0.0248486	0.0102	1
cg10983208	SPOCK2;SPOCK2	0.161698	0.475501	0.8042	-1.24347	0.0421203	2.02017	2.02017	0.387826	0.766588	-1.30448	0.870443	1.05024	1.05024	0.107913	1.69349	1.69349	1.69349	0.258905	0.702065	-1.42437	0.40233	0.773066	-1.29355	0.140624	0.6212373	-1.6096	0.308303	1.37255	1.37255	0.2557	2.93619	1.26961	1
cg09948879	GRK1	0.16717	0.0778348	0.407848	-2.45189	0.0300173	0.310941	-3.21604	0.0486049	0.356697	-2.80372	0.372917	0.657943	-1.51989	0.282663	1.66082	1.66082	1.66082	0.508176	0.735492	-1.35963	0.755852	1.15344	1.15344	0.0448015	0.348505	-2.8694	0.519379	0.741617	-1.34841	0.0556959	0.819317	2.94871	1
cg20595827	GPATCH3	0.161703	0.1696981	0.608947	-1.64222	0.0482648	0.857625	1.16628	0.0468358	0.450451	-2.22018	0.0440503	1.70087	1.70087	0.0179425	1.1366	1.1366	1.1366	0.1642477	0.880557	-1.13562	0.3302097	0.55272	-1.80928	1.10004	0.625157	-1.59955	0.1621	0.779777	0.855276	1.16921	1.07075	1.59706	0.782071	1
cg07112673	ANKS1B	0.161704	0.197305	0.783534	-1.27627	0.0668796	1.44439	1.44439	0.229838	0.798114	-1.25295	0.402662	1.16567	1.16567	0.152581	1.31552	1.31552	1.31552	0.507806	0.886694	-1.12778	0.0984522	0.722995	-1.38314	0.780523	0.951233	-1.05127	0.314205	1.20477	1.20477	0.20567	1.04299	0.450997	1
cg18748064	ATP11A;ATP11A	0.161705	0.091003	0.554963	-1.80283	0.0238744	0.607586	-1.64649	0.827389	0.470512	1.07012	0.429145	0.777938	-1.28545	0.0107604	1.53088	1.53088	1.53088	0.2814861	0.70257	-1.42321	0.0770855	1.8555	1.8555	0.144996	0.6897115	-1.45037	0.498608	0.807722	-1.23805	0.5655	2.0041	1.15988	1
cg04018622	PRMT8	0.161705	0.363551	0.862199	-1.15983	0.0109131	0.602087	-1.66089	0.469151	1.12394	1.12394	0.523623	1.10735	1.10735	0.443847	0.969366	-1.0316	1.0316	0.587119	0.916623	-1.09096	0.109158	0.758016	-1.31923	0.333459	1.17164	1.17164	0.763666	1.04905	1.04905	0.25566	0.820843	0.35494	1
cg03903831	SPATA13;SPATA13	0.161705	0.0781903	0.552842	-1.80883	0.39941	0.770058	-1.2986	0.0935829	0.572034	-1.74835	0.0859704	0.562876	-1.77659	0.0422454	0.492304	-2.03126	2.03126	0.355583	0.749893	-1.33352	0.0962572	0.575116	-1.73878	0.399888	1.29824	1.29824	0.9310394	1.02654	1.02654	0.25566	2.98672	1.29149	1
cg14148474	TNN;AL	0.161706	0.3932281	1.14349	1.14349	0.0778377	1.33307	1.33307	0.0819387	0.760967	-1.31407	0.0494145	1.07012	1.07012	0.420495	0.977938	-1.2285	1.2285	0.2844822	0.852175	-1.17347	0.464413	0.898501	-1.11296	0.0077566	1.49262	1.49262	0.3854495	1.13656	1.13656	0.25565	0.6573929	0.291415	1
cg14470647	ABCA1	0.161713	0.163577	1.44067	1.44067	0.233377	0.15587	-1.0587	0.0188501	0.126765	1.28765	0.16068	0.907269	-1.10221	0.926992	1.10235	1.10235	1.10235	0.0539815	0.58129	-1.72031	0.094599	0.565654	-1.76786	0.371395	1.32324	1.32324	0.411702	1.22722	1.22722	0.25649	0.376007	0.712706	1
cg07211894	CDS8	0.161714	?	1.48067	1.48067	0.0128673	1.88338	1.88338	0.0417855	0.388504	1.38504	0.193098	1.327032	1.327032	0.137548	1.26485	1.26485	1.26485	?	2.163756	2.163756	0.0023179	?	0.223179	1.93471	1.93471	0.6874389	1.08292	1.25487	0.57942	0.315764	2		1
cg24712005	ANAPC1	0.161714	0.438181	1.24421	1.24421	0.676683	0.890588	-1.12285	0.107234	1.62548	1.62548	0.488694	1.21453	1.21453	0.917623	1.029	1.029	1.029	0.2665546	1.37694	1.37694	0.182724	0.676588	-1.47801	0.0262005	2.07251	2.07251	0.2011131	0.688639	-1.45214	0.2556	2.48558	1.07482	1
cg10900437	UST	0.161715	0.0328603	0.224613	2.19101	0.793714	0.920394	-1.08584	0.2818574	0.3844	-2.60156	0.0482	0.4193828	0.707606	1.12571	1.12571	1.12571	0.7480583	1.15139	1.10993	1.10993	0.5566641	0.58576	-1.70688	0.0198939	0.651351	-1.53527	0.0156	0.873929	2.00412	0.8665448	1		1
cg11756837	PRKAB1	0.161716	0.174775	0.66384	-1.50674	0.0127326	1.38284	1.38284	0.0892441	0.344811	1.38481	0.2885846	0.701444	1.42557	0.0137504	0.492182	-2.03177	2.03177	0.0637386	0.55342	-1.80695	0.0341958	0.7602	-1.31567	0.210171	1.09037	1.09037	0.947051	1.01903	1.01903	0.2556	2.62336	1.3344	1
cg24173439	TROAP;TROAP;TROAP;TROAP	0.161716	0.253324	0.84917	-1.17762	0.287248	0.859479	-1.1635	0.487126	1.10159	1.10159	0.585146	1.07847	1.07847	0.185658	1.21207	1.21207	1.21207	0.105267	0.784622	-1.2745	0.595962	0.92929	-1.07609	0.154028	1.23261	1.23261	0.0568414	1.34364	1.34364	0.25559	0.61143	0.264397	1
cg13947960	MERTK	0.161718	0.273423	0.8712	-1.14781	0.202917	1.39961	1.39961	0.122425	0.247	-4.04867	0.0577	0.8772315	-1.13997	0.561281	1.03541	1.03541	1.03541	0.909095	0.982228	-1.01696	0.9424	0.51568	1.94007	0.0168478	0.512824	-1.95051	0.0424439	0.902402	1.10772	0.0595458	0.6745451	0.200231	1
cg26824126	FXYD5;FXYD5;FXYD5;FXYD5	0.161719	0.217826	1.62461	1.62461	0.0395024	2.4386	2.4386	0.155454	1.76647	1.76647	0.399558	1.38101	1.38101	0.986578	0.993723	1.00632	1.00632	0.0732308	1.473422	1.473422	0.113248	0.631425	0.843942	-1.19769	0.147299	1.78976	1.78976	0.937984	0.971293	-1.02956	0.25558	4.56166	1.97259	1
cg14310288	TNRC6B;TNRC6B;TNRC6B	0.161725	0.527019	0.96092	-1.04098	0.642549	1.14312	1.14312	0.0515799	0.606911	-1.4149	0.0992156	0.583838	-1.7128	0.77489	0.954395	-1.04778	1.04778	0.833394	1.03489	1.03489	0.377602	0.8629367	-1.15979	0.443978	0.878541	-1.13825	0.0559	0.635588	0.8782758	0.5738179	1
cg23777389	GIB6;GIB6;GIB6;GIB6	0.161726	0.8697029	2.75688	2.75688	0.0125539	4.72106	4.72106	0.487111	1.42976	1.42976	0.155054	1.98413	1.98413	0.611507	1.29185	1.29185	1.29185	0.712025	1.20251	1.20251	0.405306	1.53058	1.53058	0.05008	2.00525	2.00525	0.149512	2.16529	2.16529	2.05553	8.13621	3.5184	1
cg16861318	RND1	0.161726	0.010216	1.59054	1.59054	0.646536	1.05089	1.05089	0.517639	1.09049	1.09049	0.59286	1.07747	1.07747	0.93512	1.00864	1.00864	1.00864	0.020442	1.48783	1.48783	0.60287	1.07408	1.07408	0.595915	1.07679	1.07679	0.421959	1.12032	1.12032	1.12162	0.637203	0.229829	1
cg24726768	TTC15	0.161729	0.869239	1.08818	1.08818	0.0662271	1.24648	1.24648	0.0834501	0.70087	1.70087	0.179425	1.1366	1.1366	0.563843	1.1427	1.1427	1.1427	0.1642477	1.14222	1.14222	0.402968	1.02829	1.02829	0.502543	0.978353	-1.0217	0.0945229	1.28231	1.28231	1.02552	1.973	0.736448	1
cg27023010	CUX1;CUX1;CUX1	0.16173	0.889706	0.965259	-1.03599	0.902079	1.03186	1.03186	0.0438547	0.554152	-1.80456	0.77975	0.9310151	-1.07405	0.0472229	0.560679	-1.78355	1.78355	0.109656	0.640998	-1.56007	0.119014	1.53905	1.53905	0.323963	0.771367	-1.2964	0.464845	0.827322	-1.20872	2.05551	2.11407	0.914216	1
cg21881364	ARAP1	0.161732	0.91567	1.02028	1.02028	0.268752	0.802741	-1.24573	0.0288463	0.552326	1.65236	0.972149	0.993403	-1.00664	0.947855	1.04602	1.04602	1.04602	0.967856	0.803217	-1.24499	0.0884161	1.43954	1.43954	0.0782477	0.972837	-1.02758	0.458188	1.15442	1.15442	1.02636	1.02408	0.431362	1
cg05321275	KIF7	0.161735	0.108842	0.307644	-3.25051	0.0541526	0.229184	-4.36331	0.353576	0.228159	-4.38291	0.392245	0.553865	-1.8055	0.0023548	0.206844	-4.83456	4.83456	0.154274	0.357731	-2.79539	0.0890013	0.282416	-3.54087	0.964714	0.03027	0.33027	0.186116	0.38871	-2.57261	0.25548	14.7924	6.39695	1
cg08333463	STK10	0.161738	0.282209	0.414989	-2.4097	0.0583176	0.5862	0.5862	0.358759	0.2016	0.2016	0.530511	0.606492	-1.64883	0.246644	0.385396	-2.59473	2.59473	0.406674	0.5127	-1.95046	0.0329239	0.140371	-7.12399	0.304851	0.433322	-2.30775	0.999772	0.10003	0.10023	0.25546	0.21644	0.87201	1
cg10542300	MYEF2	0.161738	0.05777	0.389758	-2.56512	0.0235641	0.440148	-2.27139	0.0255023	0.345445	-2.89536	0.0276164	0.4256523	-2.34945	-1.11926	0.2955654	-3.38393	3.38393	0.310054	0.81597	-1.22554	0.0173768	0.10033	0.10033	0.248134	1.26347	1.26347	0.439253	0.858299	-1.16509	0.25556	0.6745451	0.200231	1
cg25144930	CDB1	0.161747	0.359021	1.2481	1.2481	0.55049	0.79966	-1.25053	0.620136	1.12458	1.12458	0.499946	1.17458	1.17458	0.343959	0.795263	-1.25745	1.25745	0.018563	0.51131	-1.95576	0.233297	1.34134	1.34134	0.598156	1.13313	1.13313	0.160474	1.41753	1.41753	0.25541	1.79757	0.777386	1
cg06547017	ATXN7L1;ATXN7L1	0.161748	0.3446287	0.781556	-1.27968	0.0812116	1.16533	1.16533	0.0512112	0.955595	1.05795	1.56126	1.56126	1.56126	0.162519	1.45631	1.45631	1.45631	0.945423	0.988589	-1.01141	0.525868	1.83599	1.83599	0.0174174	0.525868	1.90191	0.0174174	1.32369	1.32369	0.0154564	1.17982	1.79823	1
cg23712359	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.16175	0.122846	0.616866	-1.6211	0.0303829	2.08636	2.08636	0.0833009	0.74025	1.74025	0.445256	1.25216	1.25216	0.572866	1.17897	1.17897	1.17897	0.523319	1.20553	1.20553	0.971281	0.989651	-1.01046	0.438553	0.795862	-1.2565	0.148196	1.56554	1.56554	0.25538	2.71847	1.17565	1
cg02546749	PC;PC;PC	0.161751	0.69307	0.789712	-1.26628	0.8526	1.11705	1.11705	0.162142	0.243093	2.83825	0.0154479	-1.93994	0.135826	0.384197	-2.60283	2.60283	2.60283	0.038993	0.241213	-4.14571	0.0389985	0.241226	-4.14549	0.796463	1.16629	1.16629	0.737635	0.818661	-1.22151	0.25538	11.5297	4.98624	1
cg24579377	SORCS2	0.161753	0.8344466	1.07511	1.07511	0.2485	1.24648	1.24648	0.0834501	0.70087	1.70087	0.179425	1.1366	1.1366	0.563843	1.1427	1.1427	1.1427	0.8584567	1.00648	1.00648	0.9715	0.9742478	1.00648	1.00648	0.9715	0.9742478	1.00648	1.00648	0.9715	0.9742478

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg13037118	C11orf86	0.0904092	0.785086	-1.75585	0.0552141	1.9011	0.328928	0.742429	-1.94693	0.8924949	0.105738	1.0313155	0.6740469	-2.1094	0.4954947	0.8151001	-1.22699	0.9090044	1.03436	1.03436	0.579533	0.8475333	-1.1799	0.4744119	0.8806402	1.24808	2.05448	2.84279	1.22995	1
cg24167841	GPR182	0.161905	0.654455	0.948871	-1.05388	0.312981	1.12928	2.928427	1.13378	1.310876	1.08476	1.22626	2.22626	0.472461	1.08886	1.08886	0.27208	1.14246	1.02746	1.308705	1.049195	1.49195	0.730305	1.04114	1.04114	1.024569	1.23175	1.21375	1.205442	0.4415691	0.1910154	1
cg21183894	SOHLH1;SOHLH1	0.161909	0.237009	1.59079	1.59079	0.0897383	2.015558	2.015558	0.647268	0.84145	-1.18843	0.461983	0.755337	-1.32391	0.0726292	2.11807	2.11807	0.219578	1.62213	1.62213	0.254622	1.56161	1.56161	0.0766743	0.478151	-2.09139	0.7602214	1.12154	1.12154	0.5644	4.56856	1.97671	1
cg01172338	PLSCR3	0.107005	0.793276	-1.2606	0.8222201	1.030164	1.030164	1.030164	0.147762	1.3226	1.32906	1.220906	1.3108466	1.220906	1.2649223	1.263421	1.2634	1.263421	0.163728	1.22683	-1.2182	0.8645601	1.02294	1.022094	0.7760246	1.298898	1.298898	0.9135333	0.9856078	-1.01453	1.0306414	0.8688664	-1.15093	0.54939	0.5738888	0.2483008	1
cg05454389	CYYR1;CYYR1-AS1	0.161913	0.485102	0.726666	-1.37615	0.486385	1.37482	1.37482	0.727711	1.37037	1.317017	1.37037	0.454229	-1.04797	0.0285331	0.3125531	-1.39968	0.0366673	0.335319	-2.98223	0.133485	0.4582246	-2.07191	0.521983	0.746702	-1.33922	0.101532	0.44625	-2.2406	0.25437	0.590982	0.2857195	1
cg02003513	BRUNOL6	0.161913	0.623921	0.900403	-1.11061	0.0329631	1.69807	1.69807	0.0283423	0.577235	-1.7324	0.744909	0.9303107	-1.07177	0.198488	0.749384	-1.33443	0.823927	1.04845	1.04845	0.510532	1.15233	1.15233	0.690008	0.9194007	-1.08884	0.906395	1.02529	1.02529	0.25437	1.46652	0.634534	1
cg24761863	BCORL1	0.161916	0.0435146	3.38068	3.38068	0.792536	0.870821	-1.14834	0.942231	1.03876	1.03876	0.223545	0.51118	-1.95626	0.220522	0.508708	-1.96577	0.0281127	3.89946	3.89946	0.473106	1.46653	1.46653	0.788937	1.15118	1.15118	0.853258	0.907413	-1.10203	0.20435	0.958373	0.387631	1
cg11326090	DSTN;DSTN	0.161917	0.901834	0.942532	-1.06497	0.628711	0.819668	-1.21001	0.706096	0.833667	-1.19936	0.820317	1.53725	1.537725	0.709704	1.943	1.943	0.999378	0.997585	1.00242	0.00932268	0.1976021	0.56064	0.60361	0.777514	-1.28648	0.215645	0.535232	-1.86835	0.25435	7.48495	3.23864	1
cg19339780	DUSP8;HCCA2	0.161918	0.789495	1.12227	1.12227	0.105402	0.666417	-2.144	0.344162	0.6509	-1.52209	0.942255	1.34826	1.348261	0.5247	1.5247	1.5247	0.22171	1.37971	1.37971	0.243754	1.50483	1.50483	0.391555	0.46001	-1.46001	0.243752	0.593087	1.6918	0.35435	0.647055	0.64068	1
cg07183372	SNX7;SNX7;SNX7;SNX7	0.161918	0.259704	0.807723	-1.23805	0.0234326	0.611564	-1.63515	0.793582	0.95349	-1.04878	0.940176	0.986461	-1.01372	0.0292483	0.627188	-1.59442	0.224207	0.793034	-1.26098	0.0483868	0.663899	-1.50625	0.517054	0.887539	-1.12671	0.841629	0.964318	-1.037	0.35434	1.0732	0.464362	1
cg17739026	PIGV	0.161919	0.0603362	2.1888	2.1888	0.0158095	0.184184	-1.61614	0.485303	1.08723	1.08723	0.0488424	0.1306	1.306	0.0130795	1.306	1.306	0.0130795	0.153242	1.19816	1.19816	0.0360016	0.796699	1.25518	0.546511	1.042	1.07463	0.89975	0.985245	1.01498	0.254313	0.4525291	0.1958311	1
cg03158982	ANTXR2;ANTXR2;ANTXR2;ANTXR2	0.16192	0.833092	0.969876	-1.03106	0.0873205	0.676039	-1.31468	0.140875	0.794881	-1.25805	0.251606	0.840634	-1.18958	0.0191531	0.987622	-1.01253	0.0427617	1.40218	1.40218	0.99922	0.999986	-1.00014	0.172757	1.23405	1.23405	0.469847	1.11246	1.11246	0.25433	0.683507	0.295746	1
cg26090855	PTEN;KLLN;KLLN	0.161925	0.554223	1.19237	1.19237	0.0798013	1.77129	1.77129	0.969963	0.995218	-1.00481	0.459724	1.25337	1.25337	0.54996	0.835142	-1.19764	0.218864	1.64272	1.64272	0.015181	0.4159837	-2.40394	0.850023	1.05486	1.05486	0.0978636	0.992156	-1.00791	0.9343	2.8138	1.23752	1
cg02571276	RNF111	0.161925	0.151234	1.41072	1.41072	0.9024427	0.972931	-1.02782	1.03932	1.3226	1.3226	0.650825	0.903075	-1.10733	0.411564	1.20667	1.20667	0.72767	1.924761	1.08136	0.1508963	0.567188	-1.76308	0.998578	1.0004	1.0004	1.0004	0.0595009	1.60947	1.60947	0.2453	1.6288	0.704776	1
cg03414631	FAM54B;FAM54B;FAM54B;FAM54B	0.161927	0.750454	0.934767	-1.06979	0.349125	0.815646	-1.22602	0.0243222	1.76379	1.76379	0.1439	1.1383	0.0827656	1.50107	1.50107	0.070465	1.53193	1.53193	0.854033	0.961811	-0.1097	0.715255	0.925465	-1.08054	0.914769	0.977621	-1.02289	0.25429	1.45421	0.629237	1
cg16771867	NCK1	0.161948	0.213546	1.21166	1.21166	0.332264	0.8039	-1.1754	0.7818972	1.32255	1.3222	0.896486	0.981101	-1.01926	0.0432095	1.40904	1.40904	0.633366	0.918324	1.07298	0.1063408	0.7944	1.08147	1.03181	1.03181	1.03181	0.417096	0.885538	1.12926	0.25437	0.6655	0.302481	1
cg21555526	DIS3L2	0.161949	0.470703	0.847481	-1.17997	0.0769297	0.641729	-1.55829	0.0348904	0.574374	-1.74102	0.930782	1.01979	1.01979	0.828067	1.05027	1.05027	0.0938708	1.51506	1.51506	0.598356	1.12736	1.12736	0.190874	0.731728	-1.36663	0.387571	0.818957	-1.22107	0.25427	1.65471	0.715996	1
cg10146201	GABRA5;GABRA5	0.161951	0.20705	2.50591	2.50591	0.148248	2.917456	2.917456	0.983523	0.903742	-1.10651	0.821965	1.16836	1.168361	0.125126	1.34577	1.34577	0.0848615	1.72698	1.72698	0.0148282	0.7920122	0.92012	0.8093184	1.545326	1.64526	0.306285	2.077772	2.077772	0.25426	15.5078	6.77911	1
cg24923931	PRK;PRK	0.161963	0.7090932	1.06646	1.06646	0.04767	6.59534	6.59534	0.179754	1.276052	1.276052	0.8589179	1.112253	1.112253	0.1590221	1.310273	1.310273	0.607543	0.649539	-1.53955	0.105979	0.4737	0.93127	1.07327	1.06792	1.06792	0.0545891	0.749325	0.74935	0.25425	2.572575	0.976727	1
cg20265913	PIRT1	0.161993	0.746806	0.788517	-1.26817	0.0309729	0.4083	0.4083	0.0133637	0.946251	0.46251	0.3634	0.98389	0.983889	0.981929	1.01675	1.01675	0.843657	0.865184	-1.15582	0.6982331	1.33074	1.33074	0.170635	2.91567	2.91567	0.980425	1.01816	1.01816	0.25425	17.4994	7.57212	1
cg21555955	C1orf144;C1orf144	0.161995	0.901647	1.01261	1.01261	0.0966594	1.16556	1.16556	0.708738	-1.25158	0.1516354	1.16556	1.12913	1.129131	0.0867311	1.221137	1.221137	0.499801	1.07189	1.07189	0.377261	1.121	1.121	0.0796764	1.1009	1.1009	0.0039268	1.273996	1.25424	0.834208	1.144615	1
cg01082843	UNC80;UNC80	0.161995	0.594999	0.895467	-1.11674	0.229611	1.29615	1.29615	0.040991	1.62469	1.62469	0.241859	1.2867	1.2867	0.452442	1.1706	1.1706	0.298457	0.801094	-1.24829	0.0503845	0.631946	-1.58241	0.645358	1.10006	1.10006	0.926464	0.981183	-1.01918	0.25424	1.37768	0.596135	1
cg10357909	RAB11FIP3	0.161996	0.656515	1.36097	1.36097	0.0144067	1.78427	1.78427	0.68737	0.562549	1.04219	1.042192	0.842159	1.03258	1.032582	1.4756	1.4756	0.716222	0.767808	1.30278	0.1078	0.9282354	1.31056	1.31056	0.425385	-2.3442	0.476321	0.768468	0.1778734	1.22405	1.22405	0.25423	1.83496	0.73043	1
cg22370005	DPY19L2P4	0.161997	0.242242	0.769792	-1.29905	0.0233742	0.560386	-1.78448	0.340201	0.810482	-1.23383	0.484905	0.859229	-1.16383	0.0737411	0.653031	1.53132	0.278183	0.785798	-1.27259	0.154523	0.721967	-1.3851	0.278028	1.2727	1.2727	0.502726	1.15651	1.15651	0.25422	1.48676	0.643342	1
cg06363041	NUDT16	0.161998	0.665059	0.892417	-1.12055	0.0337171	0.911158	0.911158	0.48011	0.828972	-1.20631	0.749705	0.919765	-1.08723	0.113789	0.655371	1.52585	0.264897	0.738138	-1.35476	0.799664	1.06871	1.06871	0.904567	1.03184	1.03184	0.056469	1.7582	1.7582	0.25422	2.22147	0.961261	1
cg03098500	SLC24A5;SLC24A5	0.161998	0.117426	1.84146	-2.08378	0.0794741	0.999644	2.5022	0.885218	0.382985	2.61109	0.884647	1.56144	1.561442	0.0279581	2.03233	2.03233	0.633666	0.918324	1.07298	0.1063408	0.7944	1.08147	1.03181	1.03181	1.03181	0.417096	0.885538	1.12926	0.25437	0.6655	0.302481	1
cg05046597	ZNF398;ZNF425;ZNF398	0.161999	0.840215	1.02687	1.02687	0.0111578	1.51861	1.51861	0.283233	1.15771	1.15771	0.30839	0.870669	-1.14854	0.141349	1.23091	1.23091	0.447591	0.903332	-1.10701	0.471165	0.908208	-1.10107	0.655822	1.06069	1.06069	0.491968	1.09601	1.09601	0.25421	0.56129	0.242879	1
cg19693760	C1orf38;C1orf38	0.162003	0.338376	0.842284	-1.18725	0.3380954	0.837509	0.837509	0.154644	0.644923	1.55048	1.550482	1.33627	1.33627	0.606538	1.61618	1.61618	0.544653	0.897258	1.11436	0.3107352	0.605778	-1.65077	0.544628	0.898138	1.11436	1.354564	0.527473	1.11787	1.11787	0.25421	0.985495	0.426439	1
cg23628232	AMOTL1	0.162004	0.178216	0.608038	-1.64643	0.107901	1.80466	1.80466	0.0392395	2.29263	2.29263	0.523126	1.25242	1.25242	0.935276	0.972147	1.02865	0.191549	0.618235	-1.61751	0.475638	0.777021	-1.28697	0.921654	1.08006	1.08006	0.150013	1.71038	1.71038	0.25418	1.93538	1.70292	1
cg00009214	DERA	0.162006	0.679928	1.05622	1.05629	0.103878	1.2646	1.2646	0.761385	0.960592	-1.04102	0.483896	1.09847	1.09847	0.102685	1.26582	1.26582	0.222085	1.1846	1.1846	0.0428008	0.7350567	-1.36042	0.227607	0.846033	-1.18199	0.874445	0.979341	-1.02109	0.25417	0.566946	0.245331	1
cg01442064	EVC	0.162007	0.9054824	1.01261	1.01261	0.0966594	1.16556	1.16556	0.708738	-1.25158	0.1516354	1.16556	1.13483	1.134831	0.0867311	1.221137	1.221137	0.499801	1.07189	1.07189	0.377261	1.12913	1.12913	0.0796764	1.10088	1.10088	0.0039268	1.273952	1.25416	0.834208	1.144615	1
cg24793470	GOSR1;GOSR1_GOSR1	0.162008	0.945163	0.663299	-2.15844	0.471572	0.782589	-1.27781	0.293967	1.43965	1.43965	0.70113	0.878802	-1.1378	0.0822541	0.524954	1.90493	0.195178	1.58197	1.58197	0.113789	0.566366	-1.76564	0.757585	1.1092	1.1092	0.44891	1.2976	1.2976	0.25416	1.64577	1.57762	1
cg01707361	ENGASE	0.162008	0.654373	0.901953	-1.10917	0.3144067	1.78427	1.78427	0.68737	0.562549	1.04219	1.042192	0.842159	1.03258	1.032582	1.4756	1.4756	0.716222	0.767808	1.30278	0.1078	0.9282354	1.31056	1.31056	0.425385	-2.3442	0.476321	0.768468	0.1778734	1.22405	1.22405	0.25423	1.83496	0.73043	1
cg09076877	CDH15	0.162008	0.997904	0.998536	-1.00147	0.54656	1.40539	1.40539	0.985385	0.988835	-1.01027	0.104368	0.371503	-2.69177	0.0209593	0.2123194	4.70824	0.389918	0.611772	-1.6346	0.0530686	0.2934668	-3.40753	0.697436	0.8404196	-1.24348	0.092964	0.356686	-2.80359	0.25416	10.1207	4.37952	1
cg08333400	CLN6	0.162008	0.370146	0.753346	-1.3599	0.0369792	0.445228	-2.24604	0.901331	1.0423	1.0423	0.264814	1.47432	1.474322	0.0195407	2.015911	2.015911	0.0195463	0.814603	0.842862	-1.18643	0.107989	0.556662	-1.79642	0.710157	0.882765	-1.1328	0.303618	0.700545	-1.42746	0.0807882	1.90942	1.90942	0.25412	3.62979	1.57074	1
cg16071125	DPP10;DPP10	0.162009	0.357543	1.38097	1.38097	0.0297372	0.164274	-1.08737	0.0655249	0.758568	0.874519	1.0423	1.042302	0.842159	1.03258	1.032582	1.4756	0.716222	0.767808	1.30278	0.1078	0.9282354	1.31056	1.31056	0.425385	-2.3442	0.476321	0.768468	0.1778734	1.22405	1.22405	0.25423	1.83496	0.73043	1
cg22576363	NDUFC2;NDUFC2	0.162011	0.700027	1.05488	1.05488	0.835532	0.97172	-1.0291	0.422556	0.89311	-1.11968	0.847695	1.02680	1.02680	0.105544	1.27636	1.27636	0.197915	0.828787	-1.20658	0.0247239	0.6914391	-1.44626	0.121639	0.7932292	-1.26057	0.234779	0.842	-1.18751	0.25411	0.619513	0.268086	1
cg04150012	QSOX1;FLJ32807;QSOX1	0.162016	0.308761	0.849353	-1.17736	0.49353	0.829575	-1.15798	0.0082624	0.496232	-2.01519	0.0144599	0.7210446	-1.38687	0.0763196	0.6634472	1.50736	0.759257	0.7406306	-1.35015	0.4482278	0.9388618	-1.06557	0.814603	0.842862	-1.18643	0.107989	0.556662	-1.79642	0.710157	0.882765	-1.1328	0.303618	0.700545	-1.42746	0.0807882	1.90942	1.90942	0.25412	3.62979	1.57074	1
cg18466911	SYNGAP1	0.162018	0.133418	0.707895	-1.41264	0.136396	0.40837	0.40837	0.102751	1.14888	1.14888	0.771893	1.30139	1.30139	0.106339	0.0942191	0.675285	1.48086	0.938618	-1.0657	1.01657	0.0495864	0.6109986	-1.61294	0.155373	0.709453	-1.40954	0.454088	0.849281	-1.17672	0.2541	1.48145	0.641083	1
cg13242000	ISLR2;ISLR2;ISLR2;ISLR2	0.162018	0.198578	2.43251	2.43252	0.292054	0.494649	-2.02164	0.900937	0.921755	-1.08489	0.827587	1.1534	1.1534	0.184406	2.51224	2.51224	0.0294947	0.186896	-5.35057	0.756928	0.8161655	-1.22524	0.354544	1.86485	1.86485	0.101526	0.309439	-3.23166	0.25409	1.93269	0.62672	1
cg23383372	ZFYVE26;ZFYVE26	0.162019	0.3997322	1.07054	1.07054	0.1483728	0.371959	-2.68851	0.171688	1.63665	1.63665	0.732885	0.958398	-1.07664	0.0197119	1.143916	1.143916	0.0783611	0.703816	1.20616	0.2362751	0.7914	0.585328	-1.70874	0.0711	0.9038306	1.72878	0.0795121	0.8446495	-1.18387	0.2541	0.884945	0.426439	1
cg16167052	PNMA2;PNMA2	0.162019	0.180864	2.47144	2.47144	0.258211	2.11982	2.11982	0.482665	2.68484	2.68484	0.41323	1.70358	1.703581	0.0403164	4.52015	4.52015	0.197175	2.38275	2.38275	0.015555	6.61622	6.61622	0.136841	2.77487	2.77487	0.955387	0.964998	-1.03627	0.25404	13.1942	5.70979	1
cg25072336	PWNL1	0.162021	0.174645	1.70466	1.70466	0.0178424	0.313212	1.37958	0.0708238	0.537323	-1.86108	0.201307	0.7202244	-1.38846	0.1023326	0.647393	1.54465	0.816082	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1
cg00335003	TM95F4;TM95F4	0.162021	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	0.689383	0.957267	-1.04065	0.0904492	1
cg00584650	WDR92	0.162021	0.499098	0.94599	1.40288	0.118349	0.371959	-2.68851	0.171688	1.63665	1.63665	0.732885	0.958398	-1.07664	0.0197119	1.143916	1.143916	0.0783611	0.703816	1.20616	0.2362751	0.7914	0.585328	-1.70874	0.0711	0.9038306	1.72878	0.0795121	0.8446495	-1.18387	0.2541	0.884945	0.426439	1
cg01182236	C16orf45	0.162021	0.0515044	0.58004	-1.96835	0.0249202	0.469598	-2.12948	0.494183	0.808986	-1.23612	0.983646	1.01402	1.01402	0.775845	0.916481	1.09113	0.0425	0.813226	-1.22967	0.0584401	1.92172	1.92172	0.826953	0.935302	-1.06917	0.973486	1.01084	1.01084	0.25401	1.03617	1.13193	1
cg13131034	SNRNP48	0.162021	0.0115904	2.13282	2.13282	0.118437	1.502	1.502	0.799418	0.940723	-1.06301	0.782638	0.957755	-1.06866	0.359714	0.797722	-1.25357	0.597904	1.13625	1.13625	?	?	?	0.246409	1.33763	1.33763	0.858995	1.0436	1.0436	2.06901	1.67758	0.810814	1
cg15227911	CHD3;CHD3;CHD3	0.162022	0.1419984	1.70467	1.70467	0.0178424	0.313212	1.37958	0.0708238	0.537323	-1.86108	0.201307	0.7202244	-1.38846	0.1023326	0.647393	1.54465	0.816082	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1
cg20469733	GALNT4;GALNT4	0.162022	0.0469733	0.641329	-1.25844	0.471572	0.782589	-1.27781	0.293967	1.43965	1.43965	0.70113	0.878802	-1.1378	0.0822541	0.524954	1.90493	0.195178	1.58197	1.58197	0.113789	0.566366	-1.76564	0.757585	1.1092	1.1092	0.44891	1.2976	1.2976	0.25416	1.64577	1.57762	1
cg16628904	C6orf173;C6orf173	0.162023	0.0559443	0.676931	-1.47726	0.396648	1.16895	1.16895	0.626895	0.916141	-1.09154	0.0651984	0.689142	-1.45108	0.464339	0.674454	-1.14331	0.166135	0.766269	-1.30417	0.1961997	0.783171	-1.27686	0.0917504	1.15004	1.15004	0.621059	-1.6101	0.692273	0.930958	-1.07416	0.25393	0.5203	0.445356	1
cg27186878	PTT4D;PTT4D	0.162024	0.250276	1.1652	1.1652	0.526598	0.921594	-1.08508	0.1135196	1.23616	1.23616	0.0873958	1.27145	1.27145	0.195394	0.840067	-1.19038	0.765597	1.062665	-1.03878	0.0517858	0.547237	-1.82705	0.0826	1.01854	1.01854	0.394543	1.11737	1.11737	0.25392	0.52683	0.237099	1
cg03236139	ABLIM3	0.162024	0.199	1.74525	1.74525	0.197477	0.346019	1.71004	1.71004	0.382174	0.609263	-1.64133	0.204711	0.477174	-2.09567	0.015911	0.195463	0.160022	0.783027	-1.27709	0.0823911	0.660212	0.783027	-1.27709	0.0823911	0.660212	0.783027	-1.27709	0.0823911	0.660212	0.783027	-1.27709	0.0823911	0.660212	0.783027	-1.27709	0.0823911	0.660212	0.783027	-1.27709	0.0823911	1
cg03138430	FLYWCH1;FLYWCH1	0.162025	0.0517781	0.624708	-1.60145	0.0234736	0.460956	-2.16986	0.0174086	0.513923	-1.94607	0.0170204	0.7210446	-1.38846	0.1023326	0.647393	1.54465	0.816082	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1.00282	0.958804	1.00282	1
cg05907046	ZSWIM2	0.162026	0.230035	0.845145	-1.18323	0.0752547	1.30294	1.30294	0.947012	1.00892	1.00892	0.815068	1.0318	1.0318	0.144965	0.811286	-1.23261	0.568936	1.07995	1.07995	0.0883462	0.777856	-1.28559	0.932802	1.01133	1.01133	0.058204	0.751262	-1.33109	0.25389	0.580626	0.251285	1
cg11468199	UPCAT1	0.162028	0.215283	0.635505	-1.62203	0.676359	0.856474	-1.16758	0.94428	0.975454	-1.02613	0.504072	0.77864	-1.28429	0.0213302	0.363187	-2.75212	0.353416	1.43465	1.43465	0.343899	0.814378	0.425309	-2.35123	0.931182	0.723081	-1.38297	0.25388	0.643037	1.9174	1
cg07205462	SNRPB2;SNRPB2	0.162037	0.156878	0.76768	-1.38723	0.0490209	0.687444	-1.45466	0.52585	1.11315	1.11315	0.977728	1.00467	1.00467	0.644816	0.681114	1.46818	0.12077	1.32393	1.32393	0.163485	0.88248	-1.13317	0.702924	1.06117	1.06117	0.970598	0.993872	-1.00617	0.25386	0.90462	0.391511	1
cg09837298	ITPK1;ITPK1;ITPK1	0.162037	0.167998	0.457525	0.579846	-1.72459	0.068791	4.3369	4.3369	0.00870756	11.1125	11.1125	0.445422	1.75126	1.75126	0.566796	1.5175	1.5175	1.5175	0.396863	1.86816	1.86816	0.541797	1.56032	1.56032	0.785954	1.21663	1.21663	0.535879	0.636618	-1.5708	0.35385	16.8792	7.30521	1
cg23997402	LPHN1;LPHN1	0.162039	0.538007	0.915576	-1.09249	0.0576576	0.31643	-3.16141	0.0139726	0.372412	-2.68511	0.127272	1.27212	0.334399	2.99009	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	0.1576035	6.34405	1
cg08707078	C7orf46;C7orf46;C7orf46	0.162003	0.0680651	0.470708	-2.12446	0.394387	0.724919	-1.37946	0.0625838	2.63601	2.63601	0.871909	0.942231	-1.06134	0.678031	1.16644	1.16644	0.204668	1.63852	1.63852	0.85737	0.935091	-1.06941	0.750942	0.889206	-1.1246	0.190367	1.66763	1.66763	0.25382	4.42349	1.91448	1
cg01141973	GIN1	0.162033	0.23344	1.49141	1.49141	0.1814857	1.54567	1.54567	0.0832179	1.10843	1.10843	0.737142	0.983244	-1.01704	0.0927182	0.774844	-1.29066	0.244858	1.07198	1.07198	0.7354842	1.13725	1.13725	0.3763763	-1.2874	0.1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg14440024	UCKL1;MIR191;KIAA0647	0.162179	0.473045	1.74465	-1.34291	1.111126	2.01613	2.01613	0.01448855	1.3536	1.3536	0.861268	1.07323	1.07323	0.188594	0.569627	-1.75554	1.362163	1.45995	1.45995	0.311092	1.49885	1.49885	0.907425	1.04812	1.04812	0.604346	0.809625	-1.23514	1.20573	5.30631	2.29778	1
cg01111041	PPT2;PRRT1;PPT2	0.162186	0.932446	1.02985	0.0482201	2.18864	2.18864	0.0398488	2.28044	2.28044	0.0635987	2.06186	2.06186	0.733555	1.12596	1.12596		0.342169	1.40434	1.40434	0.754666	0.855949	-1.1634	1.050462	2.16732	2.16732	0.25269	3.91353	1.6947	1
cg08808042	BANP;BANP CAMK2;CAMKK2;CAMKK2;CAMKK2;CA	0.16219	0.0994801	3.8767	3.8767	2.216763	2.65201	2.65201	0.0121443	10.4416	10.4416	0.404016	1.89794	1.89794	0.363498	2.01539	2.01539	0.662665	0.719358	-1.39013	0.0968898	3.89137	3.89137	0.223877	2.6088	2.6088	0.137971	3.31558	3.31558	0.20266	18.3072	7.92778	1
cg27648619	MKK2;CAMKK2;CAMKK2	0.16219	0.998539	1.00029	1.00029	0.327099	1.17317	1.17317	0.3543735	1.16232	1.16232	0.879245	0.976285	-1.04229	0.153409	0.78559	-1.27293	0.407681	1.14305	1.14305	0.0124715	1.63358	1.63358	0.244314	0.825071	-1.21202	0.846899	1.03099	1.03099	0.09026	0.810189	0.350846	1
cg09754122	PCCA;PCCA	0.162191	0.137239	1.14201	1.14201	0.51235	0.9081162	1.10013	0.4403175	0.8803361	1.13204	0.248536	1.19109	1.19109	0.550802	0.916221	-1.09144	0.802319	0.96429	-1.03703	0.0250937	0.679579	1.4715	0.844401	1.0289	1.0289	0.057743	1.36491	1.36491	0.20265	0.683246	0.209875	1
cg16362480	ALDOA;ALDOA;ALDOA;ALDOA;ALDOA	0.162191	0.923913	1.01716	1.01716	0.0520704	0.674578	-1.48241	0.0521379	0.674674	-1.4822	0.0502867	0.671982	-1.48814	0.695954	0.93243	-1.07247	0.485175	1.13468	1.13468	0.20956	0.7901103	-1.26566	0.736097	1.06211	1.06211	0.127334	0.745486	-1.34141	0.20565	1.03166	0.446754	1
cg12225125	UPK2	0.162196	0.312651	0.759301	-1.317	0.0863046	0.6067651	-1.64808	0.239953	0.72296	-1.3832	0.820008	0.941682	-1.06193	0.100119	0.621891	-1.608	0.0957526	0.617299	-1.61996	0.0324708	0.516838	-1.93484	0.038307	0.573051	-1.88306	0.977887	1.00733	0.22653	2.25975	0.978582	1
cg06145435	CYP2W1	0.162196	0.722032	1.31	1.31	0.868134	1.13384	1.13384	0.813808	1.19524	1.19524	0.996219	0.996424	-1.00359	0.071676	0.218646	-4.57361	0.0476734	0.180511	5.53982	0.233396	0.388876	-2.57151	0.0201675	0.120243	-8.31647	0.992414	1.00721	1.00721	0.20562	18.5776	8.04504	1
cg08185671	CCDC37	0.162196	0.0279949	21.6097	21.6097	0.0484505	0.9433482	1.23733	0.2911371	1.0746	1.0746	0.857141	0.885921	-1.23686	0.332207	0.907923	-1.25481	0.353054	0.323908	3.08673	0.406537	0.541796	-1.84571	0.854109	1.24253	1.24253	0.0321518	19.3086	19.3086	0.20562	49.2426	19.5923	1
cg18604888	ATAD2	0.162205	0.908894	1.0157	1.0157	0.154017	1.23079	1.23079	0.05014621	1.35511	1.35511	0.875362	0.978068	-1.02159	0.952766	0.991972	-1.00809	0.0718399	0.760739	-1.31451	0.154549	0.812733	-1.23042	0.105884	0.803018	-1.20456	0.668927	0.943145	-1.06028	0.257025	0.601916	0.260667	1
cg05196076	FBXO31;FBXO31	0.162206	0.61344	0.7955566	-1.4173	0.0498425	0.4848515	1.28455	0.2031052	0.83488	1.83488	0.138002	2.98458	2.98458	0.343395	0.512602	-1.95383	0.316397	2.091	2.091	0.495024	1.60699	1.60699	0.694271	1.30565	1.30565	0.921452	1.06988	1.06988	0.20562	15.2375	6.59878	1
cg03950654	ARRB2;ARRB2	0.162211	0.0876313	1.33054	1.33054	0.0418807	0.895096	-1.11724	0.5089351	1.16082	1.16082	0.502631	1.10855	1.10855	0.0904365	1.53656	1.32656	0.311386	1.17192	1.17192	0.614644	0.925988	-1.07993	0.101579	1.31194	1.31194	0.0221516	1.51509	1.51509	0.20253	0.745848	0.323003	1
cg09222023	C3orf72	0.162213	0.792173	0.889488	-1.12424	0.0284316	3.14864	3.14864	0.659954	0.821723	-1.21695	0.647223	0.518235	-1.92963	0.663055	0.824503	-1.21285	0.122439	2.00079	2.00079	0.144267	0.498786	-2.00487	0.579326	1.28189	1.28189	0.37385	1.49904	1.49904	0.20562	6.39316	2.7687	1
cg16536575	FBF1	0.162215	0.999507	1.00001	1.00001	0.433329	1.14969	1.14969	0.2462481	1.31625	1.31625	0.202246	1.26478	1.26478	0.715813	1.06587	1.06587	0.745497	0.799535	-1.25038	0.0206941	0.711885	1.77891	0.108749	1.74693	1.74693	0.176711	0.778376	-1.28473	0.925135	1.01653	0.210652	0.258502	0.98947	1
cg03901958	SOX12;SOX12	0.162214	0.0636642	0.519028	-1.92668	0.292876	0.709479	-1.40948	0.175562	1.57311	1.57311	0.969958	1.01192	1.01192	0.143055	0.609532	-1.6406	0.475497	0.795935	-1.25638	0.0205302	0.415686	-2.40566	0.514123	0.812121	-1.23134	0.814696	0.928814	-1.07664	0.25251	3.2161	1.39281	1
cg05537541	FYN	0.162215	0.973213	1.01437	1.01437	0.0720214	2.35645	2.35645	0.433528	1.40257	1.40257	0.269624	0.613717	-1.63942	0.419371	0.41998	-2.41998	0.0871092	2.23192	2.23192	0.0425135	2.69842	2.69842	0.340436	1.68594	1.68594	0.319009	0.645539	-1.54909	0.20251	5.87112	2.54263	1
cg11588932	ATM;NPAT	0.162216	0.0173558	0.845127	-2.29291	0.4037229	1.27727	1.27727	0.0248753	0.7975156	-1.25383	0.663055	1.13979	1.13979	0.0969994	0.84944	-1.17749	0.950252	0.982288	-1.01803	0.9430345	0.8702558	-1.14909	0.306059	1.35463	1.35463	0.321399	1.34101	1.34101	0.2025	0.6683246	0.259875	1
cg13466576	ASTN2;SNORA70C;ASTN2;ASTN2	0.162217	0.713611	0.940358	-1.06342	0.451662	1.13647	1.13647	0.971066	0.9939968	-1.00607	0.420803	0.871794	-1.14706	0.611602	1.08918	1.08918	0.268546	1.21197	1.21197	0.01841	1.61137	1.61137	0.0699663	1.40216	1.40216	0.224287	0.808187	-1.23734	0.20249	0.9046888	0.3918	1
cg02069243	ARHGAP6;ARHGAP6	0.162225	0.0736338	0.546872	-1.82858	0.2006035	1.1645	1.1645	0.4802706	0.836581	-1.19453	0.4705	1.2465	1.2465	0.492427	0.9203	-1.08677	0.0371809	0.480924	-2.07953	0.446353	1.2647	1.2647	0.568789	0.840548	-1.19041	0.213033	1.48153	1.48153	0.20244	2.97711	1.28935	1
cg15197065	CMYA5	0.162227	0.0456297	25.2235	25.2235	0.222082	0.69405	0.69405	0.778992	0.627252	-1.48621	0.235044	5.77105	5.77105	0.11204	11.3663	11.3663	0.763732	0.654057	-1.52892	0.21194	6.37162	6.37162	0.461016	2.87763	2.87763	0.0175609	58.5474	58.5474	0.20243	64.4757	27.9238	1
cg16012919	NUMA1;NUMB;NUMB;NUMB	0.162228	0.584822	1.05955	1.05955	0.2045379	2.3552	2.3552	0.1788738	0.758057	0.6409079	-1.56011	0.827817	0.9880221	-1.02035	0.110833	1.28	1.28	0.0650715	0.745026	-1.34224	0.733917	0.8652223	-1.15577	0.1283797	0.844871	-1.18401	0.0256246	0.6548408	0.244613	0.844871	0.2025	0.6642366	0.2597	1
cg04907571	PIK3R5;PIK3R5	0.16223	0.0905353	0.530832	-1.88384	0.531328	1.24027	1.24027	0.0756325	0.510911	-1.95729	0.344942	0.718683	-1.39143	0.0131991	0.352292	-2.83856	0.726992	0.887783	-1.1264	0.455766	0.772626	-1.29429	0.17283	0.611013	-1.63663	0.991245	0.996281	-1.00373	0.25241	3.7485	1.62345	1
cg11232005	GPTI;GPTI1	0.162231	0.606394	0.8143159	-1.19881	0.333626	1.41615	1.41615	0.226282	0.641921	-1.55782	0.0361788	0.427436	-2.33953	0.431347	0.444453	-2.24996	0.631845	1.18344	1.18344	0.649013	0.852253	-1.17336	0.875133	0.517824	-1.93116	0.231009	0.645085	-1.55018	0.25241	3.95696	1.71375	1
cg18075755	C1QTNF7;C1QTNF7;C1QTNF7	0.162235	0.0683553	0.6606853	-1.51396	0.0402839	0.0307088	-2.5039	0.222654	0.58044	-1.72305	0.0468844	0.841761	1.27425	1.27425	0.431774	-2.31626	0.619491	2.0875	2.0875	0.164984	0.113306	-8.82564	0.133852	4.47288	4.47288	0.339826	4.24747	4.24747	0.20238	70.7405	30.4299	1
cg03131236	MECR;MECR	0.162238	0.0502138	0.355179	-2.81549	0.850657	0.916313	-1.09133	0.659737	0.814288	-1.22807	0.127747	0.510271	-1.95974	0.072385	0.394682	-2.53368	0.795058	1.12829	1.12829	0.0529194	0.360586	-2.77326	0.424971	1.45906	1.45906	0.088314	0.418123	-2.39164	0.20236	6.98862	3.02681	1
cg11980481	FNBP1	0.162244	0.568981	0.884568	-1.1305	0.677257	1.09328	1.09328	0.948579	1.01384	1.01384	0.842602	1.04343	1.04343	0.0888418	1.49168	1.49168	0.21396	1.32156	1.32156	0.343289	0.715235	-1.39814	0.0231797	0.560813	-1.78312	0.776164	0.941069	-1.06262	0.25235	1.47577	0.639169	1
cg27488370	IMPDH1;IMPDH1;IMPDH1 PDH1;IMPDH1;IMPDH1	0.162242	0.0086598	0.0408199	-24.4979	0.78981	1.29111	1.29111	0.460417	0.487369	-2.05183	?	?	?	0.850785	1.19734	1.19734	0.423274	2.18624	2.18624	0.541042	0.553344	-1.8072	0.619669	1.61365	1.61365	0.32336	2.65254	2.65254	0.20733	26.6192	12.8761	1
cg04913265	JAM3	0.162243	0.214627	1.97964	1.97964	0.33935	2.63728	2.63728	-1.56927	0.0477453	1.37368	3.27968	2.96294	2.96294	0.0956882	1.70022	1.70022	0.0275228	0.0844	11.8511	0.0229998	0.3798844	1.01332	1.01332	0.9869998	-1.75439	0.427288	1.52758	1.52758	0.022904	4.14896	1.83474	1
cg01522095	GGA2	0.162245	0.942771	1.01676	1.01676	0.373527	2.13545	2.13545	0.556429	0.871375	-1.14761	0.474853	1.18318	1.18318	0.417028	0.825329	1.21164	0.424326	0.827909	-1.20786	0.00617067	2.28591	2.28591	0.737561	0.925115	-1.08095	0.630601	1.11867	1.11867	0.20232	1.74126	0.754166	1
cg04442572	TEAD1	0.162246	0.6150051	0.7742696	-1.29155	0.2045578	0.5862158	1.70616	0.1063913	0.7839974	1.2755	0.3318	0.8318	1.20201	0.4830154	0.8477	1.17955	0.3653404	0.8251555	1.21155	0.598464	0.7914017	0.8751	1.14273	0.0762899	0.3697708	-2.70418	0.137779	0.446576	2.23936	0.6563655	0.1842658	1
cg02234352	FAM59A1;FAM59A14	0.162251	0.138584	0.181179	-5.5194	0.152462	0.193572	-5.16603	0.0608688	0.103961	-9.61896	0.409705	0.405221	-2.46779	0.0341594	0.0707694	-14.1304	0.157025	0.197593	-5.06092	0.0985915	0.143615	-6.96309	0.290858	0.309012	-3.23612	0.0375246	0.0753448	-13.2723	0.22828	37.311	16.1602	1
cg16729832	GPRA2;GPRA2;GPRA2	0.162253	0.06921	1.73548	1.73548	0.840344	1.05622	1.05622	0.264988	1.3703	1.3703	0.776642	1.08018	1.08018	0.709218	0.903409	-1.10692	0.461655	0.816103	-1.22534	0.205946	0.696419	-1.43592	0.0260785	2.04626	2.04626	0.170282	1.48593	1.48593	0.20226	2.39018	1.03525	1
cg12850798	LOC254559	0.162257	0.6641991	0.8139	-1.28155	0.2045379	0.3852	1.58748	0.08739	0.7586574	0.6409079	-1.56011	0.827817	0.9880221	-1.02035	0.110833	1.28	1.28	0.0650715	0.745026	-1.34224	0.733917	0.8652223	-1.15577	0.1283797	0.844871	-1.18401	0.0256246	0.6548408	0.244613	0.844871	0.2025	0.6642366	0.2597	1
cg00766985	RPLP1;RPLP1;RPLP1;RPLP1	0.162257	0.457424	0.873933	-1.14425	0.4849378	1.13469	1.13469	0.133771	0.749787	-1.33371	0.498729	0.884803	-1.13008	0.218922	0.794343	-1.2589	0.35691	1.18379	1.18379	0.0313574	0.637849	-1.56777	0.239085	1.24551	1.24551	0.253616	1.23652	1.23652	0.20224	1.03061	0.44639	1
cg00435387	LOC285740	0.162259	0.0506639	0.5906319	-1.69301	0.8224224	0.983	-1.1157	0.503891	0.736903	-1.39488	0.697861	0.862706	-1.15938	0.356324	0.8844	-1.13089	0.0495004	0.33231	-2.97455	0.0137357	0.30883	-3.23803	0.0619401	1.67144	1.67144	0.0798453	1.67144	1.67144	0.20238	0.7094933	0.33921	1
cg23191292	ARID1B;ARID1B;ARID1B	0.162262	0.978117	0.994703	-1.00533	0.0423605	0.57256	-1.57256	0.107792	1.40466	1.40466	0.634431	0.917117	-1.09719	0.754371	0.941037	-1.06266	0.131115	0.729337	-1.37111	0.111416	0.714814	-1.39897	0.539237	1.1279	1.1279	0.381849	1.18965	1.18965	0.20222	1.21856	0.527801	1
cg02783918	FOXF1	0.162264	0.47746	0.50195	-1.99223	0.588386	0.593669	-1.68444	0.134735	4.65947	4.65947	0.96875	1.03809	1.03809	0.197593	3.66834	3.66834	0.668987	0.663355	-1.50749	0.165175	4.1075	4.1075	0.0113263	20.6204	20.6204	0.712338	1.42394	1.42394	0.20221	29.6011	12.8214	1
cg27405484	CDK4	0.162264	0.797515	0.9358867	-1.06853	0.822424	0.983	-1.1157	0.503891	0.736903	-1.39488	0.697861	0.862706	-1.15938	0.356324	0.8844	-1.13089	0.565043	0.838537	-1.1922	0.409834	0.880021	-1.13634	0.547048	1.11862	1.11862	0.0408375	1.54379	1.54379	0.20253	0.7094933	0.33921	1
cg23519292	ARID1B;ARID1B;ARID1B	0.162266	0.978117	0.994703	-1.00533	0.0423605	0.57256	-1.57256	0.107792	1.40466	1.40466	0.634431	0.917117	-1.09719	0.754371	0.941037	-1.06266	0.131115	0.729337	-1.37111	0.111416	0.714814	-1.39897	0.539237	1.1279	1.1279	0.381849	1.18965	1.18965	0.20222	1.21856	0.527801	1
cg02783918	FOXF1	0.162264	0.47746	0.50195	-1.99223	0.588386	0.593669	-1.68444	0.134735	4.65947	4.65947	0.96875	1.03809	1.03809	0.197593	3.66834	3.66834	0.668987	0.663355	-1.50749	0.165175	4.1075	4.1075	0.0113263	20.6204	20.6204	0.712338	1.42394	1.42394	0.20221	29.6011	12.8214	1
cg27405484	CDK4	0.162264	0.797515	0.9358867	-1.06853	0.822424	0.983	-1.1157	0.503891	0.736903	-1.39488	0.697861	0.862706	-1.15938	0.356324	0.8844	-1.13089	0.565043	0.838537	-1.1922	0.409834	0.880021	-1.13634	0.547048	1.11862	1.11862	0.0408375	1.54379	1.54379	0.20253	0.7094933	0.33921	1
cg12544020	EPS8	0.162266	0.359483	1.37559	1.37559	0.259769	1.48867	1.48867	0.0422316	2.20772	2.20772	0.783771	0.911103	-1.09757	0.997148	0.630935	-1.58495	0.36977	1.73216	1.73216	-1.36581	0.105055	0.549103	-1.82115	0.205416	1.5717	1.5717	0.521614	1.24589	1.24589	0.20219	3.72323	1.61269	1
cg02151804	SGLU2;C15	0.162268	0.1473804	0.6955455	-1.43788	0.2045379	0.4848515	1.28455	0.2031052	0.83488	1.83488	0.138002	2.98458	2.98458	0.343395	0.512602	-1.95383	0.316397	2.091	2.091	0.495024	1.60699	1.60699	0.694271	1.30565	1.30565	0.921452	1.06988	1.06988	0.20562	15.2375	6.59878	1
cg04975571	PIK3R5;PIK3R5	0.16223	0.0905353	0.530832	-1.88384	0.531328	1.24027	1.24027	0.0756325	0.510911	-1.95729	0.344942	0.718683	-1.39143	0.0131991	0.352292	-2.83856	0.726992	0.887783	-1.1264	0.455766	0.772626	-1.29429	0.17283	0.611013	-1.63663	0.991245	0.996281	-1.00373	0.25241	3.7485	1.62345	1
cg14711543	TCEAL2	0.16227	0.264816	0.270298	-3.69962	0.00551233	0.0164607	-60.7509	0.662178	0.60964	-1.64031	0.786473	1.35751	1.35751	0.350615	0.339101	-2.94898	0.215562	0.230553	-4.3374	0.709837	1.52306	1.52306	0.59596	1.82645	1.82645	0.710223	0.656961	-1.52216	0.20216	41.185	17.8392	1
cg15895248	ARL2;ABL2;ARL2;ABL2;ARL2	0.162276	0.533385	1.15475	1.15475	0.0240393	1.09125	1.09125	0.052747	1.63381	1.63381	0.392856	1.22097	1.22097	0.193137	0.729393	-1.37099	0.568247	1.10912	1.10912	0.10947	0.3855	-2.59403	0.0509134	1.24447	1.24447	0.651825	0.90183	-1.1088	0.20213	1.69084	0.732393	1
cg06643056	FGF18	0.162278	0.0374202	1.3864556	-2.58762	0.0389937	0.390372	-2.56166	0.0369959	0.585378	1.93485	0.171873	0.564098	1.77264	0.0237144	0.602484	-1.66004	0.517482	1.27245	1.27245	-1.29476	0.361738	0.0818193	0.468583	-2.13406	0.0208683	0.63351	-1.57851	0.21211	0.53673	1.8187	-1.23602	1
cg02049210	KIAA0146	0.162284	0.164584	0.406328	-2.46106	0.218529	0.455637	-2.19473	0.0159908	0.166735	-5.99755	0.111605	0.349071	-2.86475	0.293787	0.516121	-1.93753	0.322657	0.537679	-1.85985	0.0150539	0.259133	-3.85604	0.482514	0.648228	-1.54267	0.0704527	0.292876	-3.41441	0.20208	11.9893	5.19333	1
cg15039790	SIX2;SIX2	0.162285	0.0925287	27.446	27.446	0.0886707	1.2907	1.2907	0.7158381	1.92053	1.92053	?	?	?	0.149192	0.0964	-10.3735	0.0249884	0.52524	-1.90399	0.105989	0.213814	23.5814	0.0653253	40.5831	40.5831	0.208533	32.907	45.1072	1
cg01851992	DNAIC7;NKIRAS2;DNAIC7;DNAIC7	0.162287	0.15932	0.77968	-1.28258	0.768034	0.05016	1.05016	0.163	0.782036	-1.27871	0.309349	0.840227	-1.19016	0.0879165	1.36567	1.36567	0.17515	0.787733	-1.26947	0.173552	1.27153	1.27153	0.161785	0.780974	-1.28045	0.534678	1.10965	1.10965	0.20206	0.888873	0.385465	1
cg04629120	SLCO4C1	0.162291	0.188315	4.25607	4.25607	0.373409	1.03659	1.03659	0.4600205	0.457792	-2.18481	0.356415	0.375238	-2.67925	0.406752	0.414049	-2.41518	0.621784	1.62476	1.62476	0.0944851	0.885152	-1.13229	0.0184124	1.91599	1.91599	0.0879343	7.07591	7.07591	0.2023	35.0839	15.5974	1
cg04040540	ATP6V0B;ATP6V0B	0.162297	0.5209941	1.26784	1.26784	0.494535	0.2979	1.3979	0.2156855	1.89936	1.89936	0.814934	1.07441	1.07441	0.867683	1.0582	1.0582	0.186632	0.600126	-1.66632	0.0390798	0.4185153	-2.3894	0.0713622	0.477729	-2.08451	0.785948	1.10438	1.10438	0.2052	4.32355	1.87288	1
cg27016544	GAS7	0.1623	0.205605	0.786843	-1.2709	0.101605	1.37956	1.37956	0.43952	0.886155	-1.19458	0.0155	0.714031	0.68831	-1.45193	0.0683	1.09	1.09	0.0543	1.56	1.56	0.284598	0.819098	-1.22086	0.213174	0.790379	-1.26522	0.20198	1.04745	0.45374	1
cg27141915	IRGQ	0.162303	0.938466	0.975543	-1.02548	0.0316491	0.645538	-1.54924	0.214365	0.69222	-1.4207	0.0810504	0.550329	-1.81771	0.121533	0.346466	-2.88651	0.314284	1.13404	1.13404	0.384724	1.33103	1.33103	0.394394	1.33299	1.33299	0.0572519	0.501502	1.99401	0.20174	0.4357	0.44933	1
cg04275841	EPHA1;EPHA1	0.1623	0.649029	1.44511	1.44511	0.0844989	0.6338	0.6338	0.0392174	6.80204	6.80204	0.0393492	6.79065	6.79065	0.66662	1.4166	1.4166	0.78612	1.24428	1.24428	0.203491	2.94048	2.94048	0.0319545	7.53578	7.53578	0.3653314	2.11159	2.11159	0.20198	20.9845	9.09017	1
cg16503198	RBBP9	0.162305	0.739505	1.13967	1.13967	0.0420393	2.50998	2.50998	0.152107	1.8241	1.8241	0.247271	1.60636	1.60636	0.200728	0.59121	-1.69145	0.96983	1.10493	1.10493	0.254297	1.03179	1.03179	0.950479	0.584716	-1.8291	0.349742	1.45809	1.45809	0.19598	4.9887	2.16104	1
cg17855595	ZNF692;ZNF692	0.162321	0.652252	0.891362	-1.12188	0.778654	1.07405	1.07405	0.505344	0.842525	-1.18691	0.781265	0.931865	-1.07312	0.0281152	0.518162	1.9299	0.478356	0.832991	-1.20049	0.254262	1.3523	1.3523	0.401153	1.24342	1.24342	0.0276491	0.51679	-1.93502	0.20197	2.08881	0.904846	1
cg04836020	DGUOK;DGUOK	0.162302	0.307348	1.80999	1.80999	0.405614	0.620189	-1.61241	0.913157	1.04959	1.04959	0.105759	2.6969	2.6969	0.161736	2.31405	2.31405	0.313594	1.79533	1.79533	0.0910395	2.84387	2.84387	0.0182125	5.00052	5.00052	0.1748657	2.24836	2.24836	0.20197	10.2454	4.43817	1
cg07103591	NCOR2;NCOR2	0.162303	0.829811	1.20554	1.20554	0.1968304	1.12954	1.12954	0.2479876	1.06347	1.06347	0.0109461	1.2954	1.2954	0.0203053	1.7	1.7	0.0734557	0.149192	-6.70202	0.0044	0.1755	-5.69811	0.0166067	?	?	?	0.0498484	0.52524	-1.90399	0.105989	0.213814	23.5814	0.0653253	40.5831	40.5831	0.208533	32.907	45.1072	1
cg12090388	RPL11	0.162304	0.693997	0.928287	-1.07725	0.159522	1.28685	1.28685	0.170616	1.27738	1.27738	0.443616	1.14001	1.14001	0.468484	1.13173	1.13173	0.644255	1.08113	1.08113	0.0128138	0.592089	-1.68893	0.97536	1.0052	1.0052	0.833397	1.03597	1.03597	0.20195	0.914745	0.39626	1
cg13998988	SLC35F4	0.162308	0.1323493	0.9030117	-1.10762	0.709214	0.765581	-1.3062	0.0924281	0.719487	1.38903	0.398042	1.12123	1.12123	0.728788	0.871345	-1.14765	0.220077	0.958491	-1.04333	0.534661	0.7794951	-1.28283	0.468896	0.746979	-1.33873	0.0628791	0.442046	-2.26221	0.20192	0.9931	0.4119	1
cg03052872	DHRS7C	0.162312	0.716734	0.799943	-1.25009	0.0476498	0.40484	0.40484	0.0408049	4.24823	4.24823	0.940664	1.04666	1.04666	0.0644751	0.280157	3.56942	0.610858	1.36939	1.36939	0.358341	1.78358	1.78358	0.995029	1.00382	1.00382	0.896299	0.923224	-1.08316	0.2019	12.1955	5.28312	1
cg05098432	PLCE1;PLCE1	0.162313	0.176888	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1111 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg00157855	HERPUD2;HERPUD2	0.162464	0.872874	1.06067	0.166067	1.244895	1.56408	1.56408	0.163856	0.163856	1.19007	1.19007	0.681244	1.16406	1.16406	0.163627	0.57881	1.72768	0.51621	1.27393	1.27393	0.01559379	2.86115	2.8611	0.2249366	1.59803	1.59803	0.0734012	2.08391	2.08391	2.05096	4.39433	4.39433	1.90451	
cg26034313	RNF214;RNF214	0.162467	0.144105	2.7726	2.7726	0.757798	1.22265	1.302565	0.502162	-1.99139	0.304851	1.99478	1.99478	0.945845	1.04514	1.04514	0.927714	0.942736	-1.06074	0.098024	3.25267	3.25267	0.01393917	7.19958	7.19958	0.193178	2.44706	2.44706	2.05095	13.7185	5.94564	1
cg23707590	ZDHHC14;ZDHHC14	0.162468	0.253173	0.560157	-1.78458	0.474896	1.42283	1.42283	0.724946	1.18702	1.18702	0.428018	1.48098	1.48098	0.0272662	0.281431	-1.55327	2.02805	0.519082	-1.92648	0.132944	2.19626	2.19626	0.735069	1.17919	1.17919	0.195046	0.514419	-1.94481	2.05094	7.65032	3.31568	1
cg08540943	ARMC9	0.162471	0.102307	1.567588	-1.76184	0.281953	0.701751	-1.42501	0.955563	1.01781	1.01781	1.046839	1.75795	-1.35915	0.4414924	0.474886	-2.10577	2.288163	0.705178	-1.41801	0.0975206	0.562178	-1.7788	0.401821	1.312312	1.312312	0.0391352	0.460949	-2.13015	2.05093	3.29328	1.4126	1
cg05907238	PIWIL4;PIWIL4	0.162471	0.546374	0.845422	-1.18284	0.344884	0.765201	-1.30685	0.00774763	0.390324	-2.56198	0.960399	0.986434	-1.01375	0.991335	0.997017	-1.00299	0.515111	1.19908	1.19908	0.134345	1.55907	0.987738	0.995781	-1.00424	0.797198	0.933615	-1.07341	2.05093	2.45782	1.06524	1
cg23949216	GRAMD4	0.162474	0.160743	0.691643	-1.44583	0.0252552	0.519596	-1.92457	0.285197	0.760969	1.31411	0.151765	1.45921	1.45921	0.262596	0.750187	1.333	0.0968252	0.638566	-1.56601	0.56162	1.15537	1.15537	0.704649	0.910544	-1.09824	0.613938	0.881708	-1.13416	2.0509	1.96698	0.852513	1
cg02744459	RECQL;GOLT1B;RECQL;RECQL	0.162475	0.898466	1.0379	1.0379	0.0238674	0.455856	-2.19368	0.291432	0.726886	-1.37573	0.208231	0.679356	-1.47198	0.165227	1.53929	1.53929	0.925778	1.02752	1.02752	0.816788	1.06996	1.06996	0.467924	1.24012	1.24012	0.0855076	0.574719	-1.73998	2.0509	2.75794	1.19533	1
cg19153118	POU6F1;ANKRD34A	0.162481	0.020899	0.209761	-4.76016	0.531365	0.568448	-1.75918	0.546797	1.42012	1.42012	0.418013	0.637032	-1.55978	0.0407751	0.564194	-1.76509	1.28632	0.515771	-1.86647	0.0946864	1.93516	-2.81563	0.128665	0.396533	-2.52313	0.489373	0.673148	-1.48556	2.05086	10.3173	4.47172	1
cg27563668	TRMT61A	0.162482	0.596181	1.08811	1.06811	0.369415	1.12028	1.12028	0.864784	1.26488	1.26488	1.12028	0.0203582	0.708565	-1.4153	0.184256	1.1895	1.1895	0.377119	1.11814	1.11814	0.434934	1.10313	1.10313	0.680982	0.950342	-1.05225	0.991217	1.00136	1.00136	0.106586	0.493089	0.213716	1
cg18712809	ZMIZ1	0.162487	0.24472	0.579275	-1.7263	0.290802	0.611496	-1.63533	0.93705	1.03607	1.03607	0.240732	0.576344	-1.73507	0.376551	0.665557	-1.5025	0.0556376	0.377937	-2.64594	0.0192599	0.280759	-3.56178	0.0344749	0.330729	-3.02362	0.402605	0.680919	-1.4686	2.05083	6.53832	2.8339	1
cg07744993	CETN3	0.162489	0.6673233	1.80871	1.60871	0.0333338	0.380515	1.73849	0.0373645	2.11052	2.11052	0.142797	0.576564	1.63625	0.0465057	1.660147	-1.08857	0.0955124	1.65844	1.65844	0.143541	1.25724	1.25724	0.304743	1.565164	1.565164	0.0960201	1.609616	1.609616	2.05081	2.71388	1.17628	1
cg16074393	FRMD6	0.162493	0.0330565	0.560185	-1.97311	0.536657	0.186603	-1.88603	0.0161429	0.561227	0.685870	-1.47588	0.808183	1.21414	1.21414	0.0616424	0.563262	-1.77537	0.281518	1.35689	1.35689	0.809304	1.03494	0.752028	1.09028	1.09028	0.194255	0.687644	-1.45424	2.05081	2.41516	1.04681	1
cg02180961	TSC1	0.162494	0.827779	1.125156	1.12156	0.674368	0.797358	-1.25152	0.193142	2.088535	2.088535	1.993576	1.592027	1.592027	0.0315821	0.259809	1.849898	0.846932	1.102513	1.102513	0.190424	1.160956	-2.70563	0.0169802	1.153203	1.153203	0.0849443	0.3611	-2.76931	2.05078	9.28452	4.02514	1
cg18998000	IRAK1;IRAK1;IRAK1	0.162495	0.0196214	0.00473706	-211.102	0.943386	0.873869	-1.14434	0.942615	1.04241	0.872654	-1.14593	0.25789	0.40521	0.203687	12.767	12.767	-1.14593	0.0901427	0.0288527	-34.6588	0.387807	5.36743	5.36743	0.668978	2.26255	2.26255	0.858443	1.40342	1.40342	2.05078	117.051	50.7346	1
cg10538908	ANKRA2	0.162497	0.813205	0.905191	-1.10474	0.818928	1.1013	1.1013	0.739465	0.868972	-1.15079	0.442795	1.38999	1.38999	0.0911902	0.719148	0.260049	-3.7587	0.174326	0.544395	-1.8369	0.404389	0.698359	-1.43193	0.205096	1.75525	1.75525	0.2249	0.584847	-1.70985	2.05076	5.75145	2.49203	1
cg26596198	MARCH8;MARCH8;MARCH8	0.162499	0.0407905	0.626752	-1.6648	0.0695161	0.645138	-1.54951	0.0617559	0.635018	-1.57476	0.887806	0.969991	-1.03094	0.162524	0.75436	-1.37962	0.2003	0.884078	0.947229	-1.05571	0.229882	1.13247	1.13247	0.686981	1.09137	1.09137	0.909708	0.975811	-1.02479	2.05076	1.53114	0.655858	1
cg23030903	CIDEC	0.162505	0.106339	0.748586	-1.33585	0.507222	1.11681	1.11681	0.379767	1.15945	1.15945	0.130290	0.764667	-1.30776	0.124213	0.760831	-1.31435	0.368345	1.16383	1.16383	0.0786997	1.37802	1.37802	0.335588	0.849552	-1.17709	0.523902	1.899372	1.11189	0.59272	0.875704	0.379576	1
cg16177633	DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1	0.162505	0.0371473	0.416972	-2.39824	0.264697	1.52234	1.52234	0.160276	1.71998	1.71998	0.204922	0.616595	-1.62181	0.278671	0.665506	-1.50262	0.946014	0.975816	-1.02478	0.389457	1.37552	1.37552	0.216978	0.625243	-1.59938	0.246598	0.644726	-1.55105	2.05072	4.24472	1.83989	1
cg24400256	GFRA2;GFRA2;GFRA2	0.162506	0.317125	1.46379	1.46379	0.429885	1.34567	1.34567	0.385417	0.720461	-1.388	0.0408952	2.38573	2.38573	0.447522	1.33007	1.33007	0.0336153	2.49537	2.49537	0.0942696	1.9695	1.9695	0.788826	1.10397	1.10397	0.0903941	1.98875	1.98875	2.05071	4.4092	1.91119	1
cg27582739	NCAM1;NCAM1;NCAM1	0.162506	0.98233	0.995096	-1.00492	0.918337	1.07955	-1.6751	0.0259591	0.647547	-1.54429	0.215323	1.24128	1.24128	0.363381	1.18338	1.18338	0.926748	0.983481	1.0168	0.437783	0.866434	-1.15416	0.390493	0.823806	-1.21394	0.453081	1.14849	1.14849	2.05071	1.00569	0.461904	1
cg05957190	CHST11	0.162507	0.0638184	0.365852	-2.73335	0.184622	0.50017	-1.99932	0.157316	2.10556	2.10556	0.54044	1.3568	1.3568	0.204124	0.2670557	-3.74452	0.841637	0.9062	-1.10351	0.278755	0.563262	-1.77537	0.281518	1.35689	1.35689	0.809304	1.03494	0.752028	1.09028	1.09028	0.194255	0.687644	-1.45424	2.05081	2.41516	1.04681	1
cg24625388	NEBL	0.162507	0.14798	2.3256	2.3256	0.315448	1.74679	1.74679	0.0277042	1.3048	1.3048	0.0777559	0.504	1.21338	1.21338	0.0653604	0.624423	-1.6021	0.673319	0.796229	-1.25592	0.0893414	-1.13056	0.0153803	0.224647	-4.65882	0.137612	2.36136	2.36136	2.05087	9.28844	4.02514	1
cg18229134	FGFR4;FGFR4;FGFR4	0.162508	0.884835	0.945023	-1.05818	0.0963473	2.24452	2.24452	0.948891	1.02879	1.02879	0.317721	0.632971	-1.57985	0.329249	0.640268	1.56185	0.924326	1.04297	1.04297	0.0117747	0.24831	-4.02722	0.898948	1.05787	1.05787	0.274377	0.604337	-1.65471	2.0507	6.36853	2.76048	1
cg02303571	SLC1A3;SLC1A3;SLC1A3;SLC1A3	0.162511	0.0357623	1.53978	1.53978	0.10957	0.734772	-1.36097	0.308882	1.20448	1.20448	1.142162	1.3215	1.3215	0.231723	1.240807	1.24807	0.144535	1.31901	1.31901	0.49225	0.884071	-1.13113	0.909505	1.16818	1.16818	0.906887	1.02089	1.02089	2.05068	1.01365	0.439377	1
cg09071896	SH3BP4	0.162515	0.258973	1.38031	1.38031	0.264927	1.08586	1.08586	0.154598	-1.59151	0.0617559	0.635018	-1.57476	0.887806	0.969991	-1.03094	0.162524	0.754363	0.802654	0.917598	-1.08998	0.0960203	1.37495	1.37495	0.0156455	0.697018	-1.43421	0.210603	0.717479	-1.39397	2.05068	1.01365	0.439377	1
cg12164282	PXDN	0.162515	0.810063	1.03694	1.03694	0.0408629	1.42699	1.42699	0.129921	1.27945	1.27945	0.781972	0.95907	-1.04268	0.622549	0.927985	-1.0776	0.23271	0.82819	-1.20745	0.049836	0.7139113	-1.40073	0.664492	0.936378	-1.06795	0.608046	0.925034	-1.08104	0.20568	0.736996	0.319459	1
cg15969134	SGK3	0.162516	0.980603	0.990335	-1.00968	0.938903	0.964552	1.20796	0.553892	1.224524	1.224524	0.223121	0.824293	1.223156	0.0984953	0.824444	-1.21782	0.0189787	0.651376	1.53568	0.0946939	0.575763	-1.31983	0.0866504	0.746079	-1.34054	0.21566	0.747731	-1.33781	2.05066	0.747731	0.321881	1
cg03084214	LEP	0.162516	0.225682	1.65368	1.65368	0.498225	2.42172	2.42172	0.220998	1.66302	1.66302	0.156306	1.27198	1.27198	0.204922	0.616595	-1.62181	0.278671	0.665506	-1.50262	0.946014	0.975816	-1.02478	0.389457	1.37552	1.37552	0.216978	0.625243	-1.59938	0.246598	0.644726	-1.55105	2.05072	4.24472	1.83989	1
cg23497678	C7orf52	0.162517	0.362963	1.30476	1.30476	0.0980728	1.67581	1.67581	0.0850852	1.71893	1.71893	0.915748	0.97034	-1.03057	0.173736	0.662474	-1.50949	0.180481	1.49874	1.49874	0.411616	0.7875123	-1.2698	0.103005	0.60201	-1.66111	0.992226	1.00278	1.00278	0.20564	2.62911	1.13963	1
cg05609832	PIK3C3	0.162519	0.4744621	1.73246	1.73246	0.0133337	1.15955	-1.6751	0.0259591	0.647547	-1.54429	0.215323	1.24128	1.24128	0.363381	1.18338	1.18338	0.926748	0.983481	1.0168	0.437783	0.866434	-1.15416	0.390493	0.823806	-1.21394	0.453081	1.14849	1.14849	2.05071	1.00569	0.461904	1
cg06821582	TMEM108;TMEM108	0.162522	0.0798859	0.40623	-2.46166	0.108303	0.418443	-2.2808	0.0402464	0.339797	-2.97403	0.142704	1.22188	1.22188	0.0469688	0.348528	2.86921	0.319046	0.620433	-1.61178	0.073503	0.396551	-2.52174	0.309326	0.614043	-1.62855	0.61136	0.788569	-1.26812	0.20561	0.97828	0.32491	1
cg06449165	MAP1S	0.162525	0.4423938	1.2256	1.2256	0.3115448	1.74679	1.74679	0.0277042	1.3048	1.3048	0.0777559	0.504	1.21338	1.21338	0.0653604	0.624423	-1.6021	0.673319	0.796229	-1.25592	0.0893414	-1.13056	0.0153803	0.224647	-4.65882	0.137612	2.36136	2.36136	2.05087	9.28844	4.02514	1
cg08949974	RBM47	0.162527	0.262679	1.44215	1.44215	0.107694	1.73992	1.73992	0.993304	0.997371	-1.00263	0.355385	0.742254	-1.34725	0.443888	1.27728	1.27728	0.924326	1.04297	1.04297	0.0117747	0.24831	-4.02722	0.898948	1.05787	1.05787	0.274377	0.604337	-1.65471	2.0507	6.36853	2.76048	1
cg24676000	PPARA;PPARA	0.162529	0.306196	1.75796	1.15796	0.0821466	0.765971	-1.30553	0.0793618	0.763686	-1.30944	0.555182	1.08612	1.08612	0.04809	0.4302	1.11792	0.2239956	1.19346	1.19346	0.175533	1.04809	1.04809	0.40098	0.889902	-1.12372	0.0857761	1.30065	1.30065	2.05056	0.6223364	0.269786	1
cg26759179	GRK5	0.162534	0.0534923	0.6207	-1.61144	0.0822796	0.626546	-1.5973	0.0770952	0.625675	-1.59836	0.883855	0.838365	1.188455	0.0218702	0.703905	-1.42106	0.0505059	0.725546	1.37805	0.0417599	0.267927	0.495505	-2.01814	0.0973852	0.720117	-1.38828	0.246531	0.473466	-2.11208	2.05054	12.0239	5.21223	1
cg24853313	MIR92A	0.162536	0.595928	1.21636	1.21636	0.516677	0.786128	-1.27206	0.14111	0.533103	-1.87581	0.725695	0.879043	-1.1376	0.0981932	0.514868	-1.94224	0.30565	1.47432	1.47432	0.535116	1.25844	1.25844	0.616084	1.20325	1.20325	0.0197193	0.356748	-2.8031	2.05053	4.35002	1.8857	1
cg20100668	DCAF4L2	0.162539	0.0215141	0.553	-1.80824	0.0205455	0.615514	1.01355	0.633861	0.765997	-1.30553	0.0793618	0.763686	-1.30944	0.555182	1.08612	1.08612	0.2239956	1.19346	1.19346	0.175533	1.04809	1.04809	0.40098	0.889902	-1.12372	0.0857761	1.30065	1.30065	2.05056	0.6223364	0.269786	1
cg05846244	FAM90A1	0.162554	0.379089	0.733558	-1.36322	0.225528	1.54813	1.54813	0.481683	0.782262	-1.27834	0.6959	0.873822	-1.1444	0.0109597	0.334135	2.9928	0.63573	0.84875	-1.17803	0.802624	0.917597	-1.0898	0.0696905	0.498288	-2.00687	0.127029	0.674702	-1.48214	2.0505	0.82902	1.65987	1
cg07640648	DLL3;DLL3	0.162542	0.0248043	43.3748	43.3748	0.861703	1.27894	1.27894	0.187569	1.71501	1.71501	0.0650477	18.596	18.596	0.569657	0.4445516	-2.24964	0.197176	6.84604	6.84604	0.771726	1.50751	1.50751	0.0889439	14.1135	14.1135	0.1026335	12.4274	12.4274	2.05049	64.654	28.0276	1
cg13640730	FAM13A;FAM13A	0.162554	0.0124253	1.57717	1.57717	0.0844881	0.541812	-1.84612	0.0160856	0.734664	-1.36126	0.0805997	-1.10376	0.4476554	0.722431	-1.38356	0.0563071	0.638284	1.45139	1.45139	0.0993591	0.7	0.7	0.7	0.7	0.7	0.7	1.80614	1.25125	1.25125	0.386384	1.1705	1.1705	2.05048	0.54274	0.235	1
cg02090927	NLGN2	0.162544	0.210555	0.556036	-1.79845	0.575422	1.28626	1.28626	0.418423	0.692231	-1.4446	0.223693	0.566258	-1.76598	0.0229057	0.29794	3.35639	0.0832054	0.42604	-2.3472	0.396303	0.661725	-1.5112	0.0844804	0.3591	-2.78474	0.796698	1.21271	1.12171	2.05048	0.42713	2.78618	1
cg01560739	DSBR;LOC105BR;LOC105BR;LOC105B

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	p-value(105TN vs. N)	Fold-Change(105TN-vs-111TN)	Ratio(111TN vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-112TN)	Ratio(112TN vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-121TN)	Ratio(121TN vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-147TN)	Ratio(147TN vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-153TN)	Ratio(153TN vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-537TN)	Ratio(537TN vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-563TN)	Ratio(563TN vs. N)	F(Error
cg15128328	CLASP1;CLASP1;CLASP1	0.162743	0.975204	1.01078	0.11278	0.578857	0.794322	-1.25894	0.250471	0.612295	-1.6332	0.979646	0.980633	-1.01048	0.0187483	0.418076	-2.39191	0.0101545	0.265965	-3.75989	0.103076	0.483393	-2.06871	0.837784	1.08735	1.08735	0.523787	-1.30202	2.04925	5.41567	2.34912	1
cg24662666	LOC282997	0.162743	0.255925	0.565796	-1.76742	0.7783001	0.390904	-2.55817	0.0638679	0.36777	-2.71909	0.445022	0.688052	-1.45338	0.0341542	0.331602	-3.01566	0.728664	0.845995	-1.18204	0.378431	0.64793	-1.54338	0.501866	1.38724	1.38724	0.378267	0.314563	-3.17902	2.04925	7.4849	3.24668	1
cg02366772	FLJ23834	0.162745	0.0975395	0.589754	-1.68562	0.521626	0.828069	-1.20763	0.00852914	0.37723	-2.6509	0.327119	0.745407	-1.34155	0.762251	1.09213	1.09213	0.2141183	0.683968	-1.46206	0.657445	0.878425	-1.1384	0.561191	0.843116	-1.18608	0.08213152	0.5715548	-1.74963	2.04924	2.73793	1.18762	1
cg17559213	LOC283850;LOC283850;LOC283050	0.162745	0.379056	1.13823	1.13823	0.481821	1.108012	1.108012	0.763665	0.95766	-1.04421	0.035621	0.420934	1.42034	0.492607	1.11417	1.11417	0.5265141	1.09644	1.09644	0.0499224	0.725564	-1.37824	0.321831	0.863433	-1.15817	0.21022	1.20857	2.04924	0.66806	0.2897881	1
cg02155287	NID1	0.16275	0.131805	1.3394	1.3394	0.0234249	1.626449	1.626449	0.741791	0.942333	-1.0612	0.542292	1.11718	1.118721	0.0887211	1.58922	1.58922	0.349742	1.18877	1.18877	0.387277	1.17257	0.169663	0.92585	-1.08009	0.622761	0.914777	-1.09316	2.0492	1.04737	0.454321	1
cg06956646	SOS2	0.162754	0.468343	1.12871	1.12871	0.233403	0.814628	-1.22755	0.481588	1.12455	1.12455	0.546871	1.10532	1.10532	0.13312	1.30493	1.30493	0.0232693	1.50852	1.50852	0.07647	0.723691	-1.3818	0.426722	1.14245	1.14245	0.824966	1.03702	2.03702	2.04918	0.873948	0.379098	1
cg25939647	GPR176	0.162757	0.395068	0.81832	-1.22202	0.484477	1.17767	1.17767	0.172078	0.715627	-1.39738	0.619399	1.12217	1.12217	0.307325	1.2754	1.2754	0.1147691	1.48408	1.48408	0.0149553	1.99123	1.99123	0.441266	1.19813	1.19813	0.550806	1.14905	1.14905	2.04916	1.71965	0.745952	1
cg25282641	RPL10L	0.162758	0.353801	1.23793	1.23793	0.0148575	2.213237	2.213237	0.0140873	0.806452	1.24	0.689669	0.899043	-1.11229	0.885136	0.91986	1.10866	0.220134	1.40732	1.40732	0.0643935	1.73699	1.73699	0.441364	1.22998	1.22998	0.491477	0.820949	-1.20344	2.04916	2.28166	0.989745	1
cg19595277	PTK7;PTK7;PTK7;PTK7	0.162759	0.2413558	1.45793	1.0958	1.002062	1.002062	0.497388	1.40868	1.408868	1.40868	0.867661	-1.17269	0.0467629	0.322296	-3.10273	0.555587	0.743414	-1.34515	0.145281	0.459948	-2.17416	0.33894	0.612488	-1.63269	0.240446	0.54267	-1.84274	2.04915	0.82781	1.48233	1
cg25792410	DCBLD1	0.162759	0.592434	1.29983	1.29983	0.2129322	1.890066	1.890066	0.359821	0.633245	-1.57917	0.896773	0.93895	-1.06502	0.137889	2.17135	2.17135	0.0909639	2.46853	2.46853	0.0165416	4.14068	4.14068	0.145786	2.13379	2.13379	0.886094	1.07204	1.07204	2.04915	7.6435	3.31563	1
cg21715599	SLCO3A1;SLCO3A1	0.162759	0.821052	1.07009	1.07009	-1.08613	0.2703456	0.2703456	0.0150466	0.631649	-1.58349	0.260678	0.905966	1.105777	1.90458	1.90458	1.90458	0.264887	1.5276	1.5276	0.2825095	2.66566	2.66566	0.164624	1.97108	1.97108	0.516586	1.27543	1.27543	2.04915	4.31509	1.87182	1
cg05794411	CDX8C;KIAA1409	0.16276	0.381479	0.851099	-1.17495	0.0913792	1.39697	0.3964998	0.546743	1.64763	-1.54763	0.478686	1.1381	1.1381	0.686652	0.92558	-1.0804	0.816914	0.959201	-1.04253	0.8806333	1.441626	1.24116	0.240217	1.24722	1.24722	0.309078	0.827722	-1.20814	2.04915	1.04703	0.454185	1
cg04256394	ITK	0.162763	0.419944	0.792798	-1.27594	0.153442	0.635232	1.574325	0.0673224	0.546407	1.83001	0.116332	0.604224	-1.65502	0.068878	0.548222	-1.82408	0.2009639	1.56074	1.56074	0.1962466	0.644237	-1.55684	0.097887	0.469717	-2.00728	0.22066	0.683635	-1.46277	2.04914	2.82875	1.22797	1
cg22555102	C20orf72;SNX5;SNX5	0.162763	0.147218	1.502	1.502	0.394219	0.795933	-1.25639	0.383523	1.26327	-1.26327	0.190923	0.696148	-1.43648	0.341151	0.77372	-1.29246	0.0578346	0.570685	-1.75228	0.147134	0.665716	-1.50214	0.177521	0.45471	-2.19871	0.45471	0.45471	1.45471	0.52092	0.843513	-1.18552	2.04913	2.21997	0.962998	1
cg04455712	RRP1B	0.162765	0.856752	0.943201	-1.06022	0.0138998	0.373995	-2.67383	0.857335	0.944326	-1.05996	0.532075	0.81479	-1.22731	0.743284	0.746623	-1.33936	0.465904	1.27143	1.27143	0.922069	0.969078	-1.03191	0.789515	1.09044	1.09044	0.0266436	0.427346	-2.34003	2.04911	3.399	1.47446	1
cg16247644	HSCB;HSCB;CHDC2;CHEK2;CHEK2	0.162765	0.0749058	0.595178	-1.68007	0.853302	1.04961	1.04961	0.371842	1.27106	1.27106	0.810318	1.06829	1.06829	0.739476	0.9164	-1.09123	0.0698944	0.588497	-1.69924	0.15162	0.660066	-1.49462	0.388805	1.25901	1.25901	0.0884723	1.63499	2.04911	2.22077	0.963152	1
cg22448677	RNF6;RNF6;RNF6	0.162767	0.130379	0.79336	-1.26046	0.0566128	1.35766	1.35766	0.629788	1.07124	1.07124	0.194837	0.823406	-1.21447	0.668367	0.940764	-1.06297	0.540793	1.0917	1.0917	0.053631	0.733062	-1.36414	0.257369	0.845789	-1.18233	0.57477	0.922821	-1.08363	2.0491	0.65156	0.282643	1
cg20695398	PIAS4	0.162768	0.0168401	0.774674	-1.29103	0.0382736	0.675979	-1.47935	0.0469057	0.907638	-1.10218	0.0729222	0.807007	1.239248	0.0178368	1.24003	1.24003	0.0729563	0.412427	-2.42467	0.199508	0.681959	-1.46636	0.17019	0.523868	-1.90961	0.273866	0.601426	-1.6572	2.0491	6.36408	2.76071	1
cg04517044	SMARCD3;SMARCD3;SMARCD3 SORBS2;SORBS2;SORBS2;SORBS2;SORB	0.162771	0.488771	0.84115	-1.18883	0.303724	0.765497	-1.29957	0.596455	0.876827	-1.14048	0.379922	1.24801	1.24801	0.430741	0.820518	-1.21874	0.923904	1.0278	1.0278	0.026842	1.90998	1.90998	0.0470808	1.74885	1.74885	0.355413	1.26343	1.26343	2.04908	1.96351	0.851771	1
cg01321419	S2	0.162771	0.741773	1.08813	1.08813	0.0452632	1.79805	1.79805	0.450725	0.821767	-1.21689	0.848177	1.05018	1.05018	0.786063	0.932864	-1.07197	0.771675	0.928371	-1.07716	0.016157	2.12059	2.12059	0.427138	0.812933	-1.23011	0.259904	1.35012	1.35012	2.04908	2.11749	0.918565	1
cg01577414	NAALAD2	0.162776	0.112721	0.219712	-4.55141	0.691203	0.704374	-1.4197	0.0391071	0.122979	-8.1315	0.265535	2.76878	2.76878	0.153259	0.261243	-3.82785	0.266384	0.361877	-2.76337	0.0426454	0.128927	-7.75631	0.829205	0.827722	-1.20879	0.222028	0.324162	-3.08488	2.04905	25.0018	10.8459	1
cg20048604	PRKDC;PRKDC	0.162777	0.48676	0.753936	1.32638	0.0952007	1.96583	1.96583	0.508755	0.508362	-1.96566	0.0507798	0.916007	1.091607	0.0824158	1.09207	1.09207	0.756504	1.32302	1.32302	0.0855834	1.29934	1.29934	0.770005	1.29934	1.29934	0.0858538	1.51148	1.51148	2.04904	2.12182	1.02987	1
cg07777224	ZNF584	0.162782	0.56729	0.853276	-1.17195	0.180825	0.677116	-1.47685	0.431658	0.802329	-1.24637	0.008861	0.40084	-2.49476	0.160383	0.662631	1.50914	0.5119998	0.833181	-1.20022	0.373676	0.778336	-1.28479	0.527166	1.19222	1.19222	0.0835539	0.591208	-1.69145	2.04901	2.44376	1.06014	1
cg03182501	TXNDC11	0.162787	0.631001	0.883093	-1.13238	0.0492455	1.77998	1.77998	0.162762	0.681956	-1.46637	0.13606	0.661901	-1.5108	0.456843	0.823112	-1.2149	0.44776	0.81974	-1.21989	0.854089	0.953788	-1.04853	0.247816	1.36395	1.36395	0.0847834	0.612824	-1.63179	2.04898	2.14162	0.929079	1
cg02035794	PRTFDC1	0.162789	0.2286261	0.7966	-1.25539	0.0422413	0.975192	1.0044	0.944202	1.03192	-1.03192	0.0448092	1.18921	1.79163	1.06615	1.06615	1.06615	0.4717724	2.11491	2.11491	0.0557742	1.54981	1.54981	0.645264	1.079	1.079	0.970878	0.987423	-1.01274	2.04897	3.90266	1.6922	1
cg27648006	GPR133	0.162793	0.671075	0.831303	-1.20293	0.103716	2.15887	2.15887	0.486956	0.736762	-1.35729	0.455723	0.719939	-1.38901	0.0323047	0.338185	2.95696	0.218341	0.571196	-1.75071	0.0656344	0.409189	-2.44386	0.50332	0.745448	-1.34148	0.169213	0.530747	-1.88414	2.04894	6.07068	2.63363	1
cg11506843	FAM90A20	0.162797	0.071393	0.827973	-1.20793	0.0322019	4.53139	-1.74339	0.0885095	0.20761	-4.81537	0.0855239	0.42069	-2.3277	0.0503655	0.515038	1.94035	0.246202	0.48202	-2.0746	0.1775358	0.447473	-2.35636	0.0852833	0.662816	0.283664	-1.50755	0.0918313	-2.00588	0.2836664	0.601426	-1.6572	2.0491	6.36408	2.76071	1
cg05023214	EIF2C2;EIF2C2	0.162798	0.0670318	0.9625	1.03096	-1.05098	0.450588	-1.45089	0.647321	0.743514	1.43154	0.272413	0.24534	-2.43534	0.0958937	0.415752	-1.95752	0.0818527	0.49229	-2.03122	0.078054	0.59754	-1.69758	0.0938336	0.29267	-3.41629	0.0447229	0.222013	-4.50271	2.04891	19.7004	8.54671	1
cg01244976	LMF1	0.1628	0.561723	0.573595	-1.74339	0.106707	0.188518	-5.30453	0.0480324	0.117539	-8.50783	0.890785	0.877963	-1.139	0.27565	0.341519	-2.92809	0.642434	0.642137	-1.5573	0.28136	0.346225	-2.88829	0.0390537	9.60951	9.60951	0.980983	0.977672	-1.02284	0.4859	29.1225	12.6344	1
cg12906875	SLIT	0.162802	0.431089	0.72068	-1.38758	0.0769113	0.3202	0.3202	0.0218809	0.201808	-4.95393	0.0139705	0.142691	0.0674146	0.0136348	0.14832	-6.74178	0.881207	0.940866	-1.06285	0.676078	1.18682	1.18682	0.0911947	2.13471	2.13471	0.454574	0.733173	1.36391	2.04889	3.09165	2.33911	1
cg26358659	FHIT;FHIT	0.162804	0.247561	0.781271	-1.27997	0.784092	0.15768	-2.05768	0.65377	1.09656	1.09656	0.34669	0.820492	-1.21878	0.0681047	0.658941	1.51759	0.411088	0.842306	-1.18722	0.0424475	1.73052	1.73052	0.363853	1.03566	1.03566	0.301298	0.803592	-1.24441	2.04887	1.35272	0.586868	1
cg25284727	WHSC1	0.162815	0.0778377	0.7953	-1.25726	0.0562666	1.56366	1.56366	0.639357	0.639258	-1.56428	0.0298438	0.502918	-1.77446	0.0994938	0.562197	-1.77946	0.756676	1.35255	1.35255	0.0149469	1.03566	1.03566	0.811157	0.972791	-2.68247	0.796512	0.864541	1.15688	0.5597	1.51148	2.04884	2.12597	1.01458	1
cg08134286	PER3	0.162814	0.117488	0.677607	-1.45778	0.0643395	-1.60923	1.60923	0.263813	1.30556	1.30556	0.938064	0.982369	-1.01795	0.622778	1.12019	1.12019	0.177194	1.38863	1.38863	0.0919757	0.654011	-1.52903	0.228425	1.33558	1.33558	0.828814	0.951641	-1.05082	2.04881	1.70027	0.737673	1
cg14471244	DIO2;DIO2;DIO2	0.162815	0.20908	0.54677	-1.82892	0.0513963	0.363736	-2.74925	0.133588	0.487735	-2.05129	0.551042	1.31658	1.31658	0.423776	0.689004	-1.45137	0.6612978	0.2154	2.6154	0.911206	1.05218	1.05218	0.666917	1.21827	1.21827	0.381116	1.50624	1.50624	2.04881	6.74636	2.92696	1
cg25007250	NOS3	0.162819	0.7925665	0.948852	-1.05396	0.5151612	1.09445	1.09445	0.564621	1.04561	-1.04561	0.884353	-1.52949	0.622742	1.24134	1.24134	1.24134	0.230918	1.2853	1.2853	0.0349028	2.10568	2.10568	0.414244	2.05221	2.05221	0.117341	0.640311	1.0982	2.04874	2.19274	1.06872	1
cg04046427	PPP3CB;PPP3CB;PPP3CB	0.162821	0.167505	0.710257	-1.40794	0.6316061	0.11889	1.11889	0.384432	1.23045	1.23045	0.0497782	0.594289	-1.68268	0.0711178	1.59808	1.59808	0.356735	0.80218	-1.2466	0.990479	0.997229	-1.00278	0.568981	1.14323	1.14323	0.170887	1.40365	1.40365	2.04877	1.75465	0.761281	1
cg23727544	AIRE	0.162825	0.915534	0.9895	-1.01051	0.0322019	4.5339	-1.74339	0.0885095	0.08509	0.0119226	0.45793	0.42069	-2.3277	0.0503655	0.515038	1.94035	0.903834	1.07034	1.07034	-1.07546	0.7402055	0.45643	-2.19006	0.0992314	0.79015	0.79015	0.284774	1.26462	4.53186	2.04876	1.92905	1.08715	1
cg24249411	BDNF	0.162827	0.815155	0.913118	-1.09515	0.188526	1.73771	1.72371	0.536056	1.27532	1.27532	0.793653	0.903265	-1.1071	0.9508158	0.976383	1.02419	0.908394	0.956309	-1.04569	0.672072	0.847681	-1.17969	0.0620144	0.99508	0.99508	0.362374	0.695341	-1.43814	0.04873	2.88761	2.1206	1
cg01261007	GPR6	0.162833	0.807074	0.929537	-1.0758	0.379536	0.763971	-1.30895	0.791944	1.08216	1.08216	0.682893	0.884558	-1.13051	0.33615	1.34471	1.34471	0.521068	0.823449	-1.2144	0.00581499	0.340022	-2.94098	0.952434	1.01798	1.01798	0.167006	0.658563	-1.51846	0.0487	2.89397	1.25564	1
cg09866743	ARPP-21	0.162833	0.4687624	0.732175	-1.36579	0.2812275	0.65244	-1.5404	0.1330799	0.85967	-1.16329	0.2720059	0.851457	-1.17444	0.1630197	1.17407	1.17407	0.353205	0.546161	-1.83094	0.2080639	0.416452	-2.40205	0.1550144	0.633913	0.633913	0.0903214	0.790115	2.04874	0.4602	0.453186	1
cg24201431	NCKAP5;NCKAP5	0.162835	0.175076	0.375495	-2.66315	0.0562446	0.230302	-4.34213	0.308918	0.48909	-2.04461	0.379036	1.84584	1.84584	0.213708	0.537018	1.86103	0.2729532	0.275539	-3.62955	0.0158908	0.976383	1.02419	0.934859	0.98488	0.98488	0.0266314	0.997229	1.00278	2.04874	1.58634	0.385148	1
cg13198984	CCDC57	0.162837	0.603837	1.13859	1.13859	0.2231951	0.871441	-1.14743	0.617761	1.44493	-1.44493	0.0178307	0.683383	1.38073	0.0440318	1.38073	1.38073	0.5210368	0.823449	-1.2144	0.00581499	0.340022	-2.94098	0.952434	1.01798	1.01798	0.167006	0.658563	-1.51846	0.0487	2.89397	1.25564	1
cg18584747	OXCT1	0.162845	0.782394	1.06665	1.06665	0.431603	0.829394	-1.2057	0.947994	0.984913	-1.01532	0.0305207	0.80837	1.80837	0.392971	0.815512	-1.22622	0.605056	1.12928	1.12928	0.0508929	0.59552	-1.67921	0.634284	0.894326	-1.11816	0.164882	1.41239	1.41239	0.04862	1.7622	0.76461	1
cg08866743	ARPP-21	0.162853	0.4687624	0.732175	-1.36579	0.2812275	0.65244	-1.5404	0.1330799	0.85967	-1.16329	0.2720059	0.851457	-1.17444	0.1630197	1.17407	1.17407	0.353205	0.546161	-1.83094	0.2080639	0.416452	-2.40205	0.1550144	0.633913	0.633913	0.0903214	0.790115	2.04874	0.4602	0.453186	1
cg24201431	NCKAP5;NCKAP5	0.162835	0.175076	0.375495	-2.66315	0.0562446	0.230302	-4.34213	0.308918	0.48909	-2.04461	0.379036	1.84584	1.84584	0.213708	0.537018	1.86103	0.2729532	0.275539	-3.62955	0.0158908	0.976383	1.02419	0.934859	0.98488	0.98488	0.0266314	0.997229	1.00278	2.04874	1.58634	0.385148	1
cg13198984	CCDC57	0.162837	0.603837	1.13859	1.13859	0.2231951	0.871441	-1.14743	0.617761	1.44493	-1.44493	0.0178307	0.683383	1.38073	0.0440318	1.38073	1.38073	0.5210368	0.823449	-1.2144	0.00581499	0.340022	-2.94098	0.952434	1.01798	1.01798	0.167006	0.658563	-1.51846	0.0487	2.89397	1.25564	1
cg18584747	OXCT1	0.162845	0.782394	1.06665	1.06665	0.431603	0.829394	-1.2057	0.947994	0.984913	-1.01532	0.0305207	0.80837	1.80837	0.392971	0.815512	-1.22622	0.605056	1.12928	1.12928	0.0508929	0.59552	-1.67921	0.634284	0.894326	-1.11816	0.164882	1.41239	1.41239	0.04862	1.7622	0.76461	1
cg08134286	PER3	0.162814	0.117488	0.677607	-1.45778	0.0643395	-1.60923	1.60923	0.263813	1.30556	1.30556	0.938064	0.982369	-1.01795	0.622778	1.12019	1.12019	0.177194	1.38863	1.38863	0.0919757	0.654011	-1.52903	0.228425	1.33558	1.33558	0.828814	0.951641	-1.05082	2.04881	1.70027	0.737673	1
cg24201431	NCKAP5;NCKAP5	0.162835	0.175076	0.375495	-2.66315	0.0562446	0.230302	-4.34213	0.308918	0.48909	-2.04461	0.379036	1.84584	1.84584	0.213708	0.537018	1.86103	0.2729532	0.275539	-3.62955	0.0158908	0.976383	1.02419	0.934859	0.98488	0.98488	0.0266314	0.997229	1.00278	2.04874	1.58634	0.385148	1
cg20751260	GPR6	0.162837	0.807074	0.929537	-1.0758	0.379536	0.763971	-1.30895	0.791944	1.08216	1.08216	0.682893	0.884558	-1.13051	0.33615	1.34471	1.34471	0.521068	0.823449	-1.2144	0.00581499	0.340022	-2.94098	0.952434	1.01798	1.01798	0.167006	0.658563	-1.51846	0.0487	2.89397	1.25564	1
cg08866743	ARPP-21	0.162853	0.4687624	0.732175	-1.36579	0.2812275	0.65244	-1.5404	0.1330799	0.85967	-1.16329	0.2720059	0.851457	-1.17444	0.1630197	1.17407	1.17407	0.353205	0.546161	-1.83094	0.2080639	0.416452	-2.40205	0.1550144	0.633913	0.633913	0.0903214	0.790115	2.04874	0.4602	0.453186	1
cg24201431	NCKAP5;NCKAP5	0.162835	0.175076	0.375495	-2.66315	0.0562446	0.230302	-4.34213	0.308918	0.48909	-2.04461	0.379036	1.84584	1.84584	0.213708	0.537018	1.86103	0.2729532	0.275539	-3.62955	0.0158908	0.976383	1.02419	0.934859	0.98488	0.98488	0.0266314	0.997229	1.00278	2.04874	1.58634	0.385148	1
cg20751260	GPR6	0.162837	0.807074	0.929537	-1.0758	0.379536	0.763971	-1.30895	0.791944	1.08216	1.08216	0.682893	0.884558	-1.13051	0.33615	1.34471	1.34471	0.521068	0.823449	-1.2144	0.00581499	0.340022	-2.94098	0.952434	1.01798	1.01798	0.167006	0.658563	-1.51846	0.0487	2.89397	1.25564	1
cg18189910	HIP1R	0.16287	0.80673	0.83858	1.08358	0.259292	1.47022	1.47022	0.087874	0.85383	1.85323	0.957292	0.982617	-1.01769	0.20192	0.643215	1.55469	0.022009	0.40673	-2.45864	0.371896	0.740641	-1.35018	0.757413	1.10679	1.10679	0.461761	0.782426	-1.27808	0.04847	3.47953	1.50987	1
cg07106138	CASC5;CASC5 SULT1A1;SULT1A1;SULT1A1;SULT1A1;S	0.16287	0.584753	0.808812	-1.23638	0.693392	0.858673	-1.16459	0.232581	1.61825	1.61825	0.930172	0.966861	-1.03428	0.593152	0.81272	-1.23044	0.0243837	0.356473	-2.80526	0.0485422	0.420422	-2.37856	0.914034	1.0424	1.0424	0.0801317	0.474005	-2.10968	0.08545	4.7969	2.08153	1
cg26603685	ULT1A1;SULT1A1	0.162876	0.416459	0.863021	-1.15872	0.787314	0.707268	-1.41389	0.671271	0.927529	-1.07813	0.670128	1.07897	1.07897	0.0807607	0.709268	-1.4099	0.427913	0.866258	-1.15439	0.0707055	1.43083	1.43083	0.513922	1.12459	1.12459	0.114032	0.737153	-1.35657	0.04843	3.02084	0.442978	1
cg03141620	DLX1;DLX1	0.162877	0.120707	0.710765	-1.40709	0.274931	0.17333	-5.76885	0.0480851	0.242239	-4.18719	0.61049	0.925231	0.925231	0.884331	0.108253	9.23705	0.1929546	0.275539	-3.62955	0.0158908	0.976383	1.02419	0.934859	0.98488	0.98488	0.0266314	0.997229	1.00278	2.04874	1.58634	0.385148	1
cg08802400	CISH;CISH	0.162877	0.267865	1.36978	1.36978	0.0146595	1.26869	1.26869	0.151955	1.51957	1.51957	0.151362	1.52062	1.52062	0.379079	1.27891	1.27891	0.4088002	1.259	1.259	0.949527	0.98289	-1.01741	0.221574	0.7044998	-1.41945	0.660977	0.8866443	-1.12785	0.04843	2.41121	1.04631	1
cg05322719	DPEP1	0.162877	0.054469	0.673264	-1.4853	0.1184426	0.595515	-1.67922	0.368572	0.845818	-1.18229	0.833761	0.963508	-1.03787	0.426828	1.15849	1.15849	0.664092	0.923831	-1.08245	0.205217	1.27424	1.27424	0.449482	0.869587	-1.14997	0.490375	0.882405	-1.13327	0.04842	1.06659	0.462832	1
cg09349940	EEF2K	0.162882	0.461874	0.792701	-1.26193	0.2586286	1.49631	1.49631	0.0990702	0.674101	-1.48346	0.0545455	0.870963	-1.14821	0.0970702	1.16161	1.16161	0.304707	0.947503	-1.05537	0.7614257	1.38613	1.38613	0.432889	0.760909	-1.31422	0.72714	0.889107	-1.12464	0.04842	1.05052	1.51468	1
cg15229124	RBP1;RBP1;RBP1	0.162882	0.36655	0.457305	-2.18672	0.0227818	0.100403	-9.95991	0.0318898	0.119934	-8.33795	0.444424	0.51811	-1.93009	0.243053	0.356885	-2.80202	0.560676	0.6425	1.6425	0.925563	0.924209	-1.08201	0.315423	2.40011	2.40011	0.565486	0.612621	-1.63233	0.0484	23.0787	10.0149	1
cg27481594	ADAL;LCMT2;ADAL	0.162883	0.0445145	0.362017	-2.7623	0.0704387	0.163633	1.63633	0.0579733	0.464858	-2.15178	0.764854	0.868202	-1.15089	0.0822307	0.742473	-1.34677	0.2570523	0.470243	2.12578	0.760421	0.8240404	1.2464	0.0737278	0.2426203	4.12178	0.0198772	0.266703	0.6027227	0.0484	2.66465	0.2489	0.29175	0.27327	1
cg08352268	SLC16A11	0.162883

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg17457912	C17orf91,C17orf91,C17orf91,C17orf91	0.162996	0.287304	0.648238	-1.54264	0.00903966	3.67656	3.67656	0.162883	1.79401	1.79401	0.959663	1.02004	1.02004	0.449153	1.35339	1.35339	0.787115	0.899238	-1.11205	0.487506	1.31886	1.31886	0.243357	1.61442	1.61442	0.613569	0.818898	-1.22115	2.04769	4.99272	2.1673	1
cg21196488	CLIC3	0.162996	0.197687	0.72792	-1.37378	0.05003326	0.593821	-1.68401	0.345407	0.797208	-1.25438	0.777383	1.06834	1.06834	0.452104	0.836388	-1.19562	0.669966	0.904848	-1.10516	0.360728	0.803212	-1.245	0.0170105	0.507285	-1.97128	0.04946554	0.592841	-1.68679	2.04769	1.76404	0.765756	1
cg18342966	TRIO	0.163003	0.146087	0.426023	-2.34723	0.1257266	2.47949	2.47949	0.415666	1.57773	1.57773	0.540311	1.40463	1.40463	0.0179437	2.067464	-4.83689	0.987435	1.00807	1.00807	0.625887	0.763881	-1.30924	0.510163	0.6934601	-1.44217	0.319959	0.569343	-1.75641	2.07465	9.74214	4.22908	1
cg04370634	DSBP1L0	0.163005	0.0814723	0.523384	-1.91064	0.7125253	1.1307	1.1307	0.455878	0.775212	-1.28997	0.502639	0.7256	1.2562	0.2233906	0.403274	-2.4797	0.600058	0.837464	-1.19408	0.0751153	0.514548	-1.94345	0.491562	0.791183	-1.26393	0.0851488	0.528258	-1.89302	2.04764	3.64538	1.58247	1
cg00862481	TAOK2,TAOK2	0.163005	0.611551	1.11147	1.11147	0.553878	1.11152	1.1152	0.95857	0.989338	-1.01078	0.866365	0.963843	-1.03636	0.805535	1.05222	1.05222	0.409145	1.19029	1.19029	0.00479674	2.164688	2.164688	0.561203	0.6858826	-1.12889	0.382995	0.831434	-1.20274	2.04764	1.38087	0.599443	1
cg26856871	AGPAT3;AGPAT3	0.163009	0.0688389	1.43815	1.43815	0.0151345	1.70328	1.70328	0.394913	1.16822	1.16822	0.787782	1.04932	1.04932	0.877236	0.972793	-1.02797	0.154697	1.31233	1.31233	0.53532	0.8940526	-1.11854	0.5375051	0.894576	-1.11785	0.55361	0.898594	-1.11285	2.04761	1.03258	0.448255	1
cg07564615	GPSM3;NOTCH4	0.163009	0.687736	0.949895	-1.0407	0.62701	0.990598	-1.0099	0.796226	0.960564	-1.03781	0.684653	1.04113	1.04113	0.140756	1.16942	1.16942	0.00756695	0.741091	-1.40029	0.263124	0.8910607	-1.12239	0.882603	0.985521	-1.01469	0.647214	0.955529	-1.04654	2.04761	0.3160889	0.137218	1
cg20186907	ATXN7L1;ATXN7L1	0.163001	0.995308	0.0960552	-1.00346	0.977272	2.61045	2.63045	0.0419727	3.96151	3.96151	0.803308	1.36061	1.36061	0.294565	0.528071	-1.89368	0.487217	1.15376	1.15376	0.188995	0.441592	-2.26453	0.052492	3.6512	3.6512	0.06837	1.02356	0.7026	1.1188	1.45686	1
cg15620207	ANP32E;ANP32E;ANP32E	0.163011	?	?	?	0.449349	1.65191	1.65191	0.421435	0.585553	-1.70779	0.0496149	0.21838	-4.57917	0.196944	0.406478	-2.46016	?	?	?	0.325139	1.94396	1.94396	0.0913718	0.28769	-3.47597	0.167663	0.377777	-2.64706	2.31504	11.3583	4.20539	1
cg06424770	DCXR	0.163012	0.72201	-1.0329	-1.0329	0.3916057	1.99269	1.99269	0.176176	0.5010502	1.22298	1.22298	0.935447	1.00737	1.00737	0.680206	0.944259	-1.03709	0.0369046	0.802841	-1.24558	0.5603809	0.94805	-1.0548	0.153426	0.8609997	-1.14943	0.313152	1.09507	1.09507	2.04758	0.2662212	0.115567	1
cg00399390	FNBP4	0.163014	0.683973	0.893197	-1.11957	0.0830699	1.69826	1.69826	0.0849779	1.69161	1.69161	0.0126101	2.08604	2.08604	0.800454	1.0724	1.0724	0.44024	1.24263	1.24263	0.244777	0.7347761	-1.39907	0.683133	0.8929111	-1.11993	0.716273	0.904171	-1.10599	2.04758	2.47015	1.07233	1
cg00592058	UNC5CL	0.163015	0.136491	4.285165	4.285165	0.0401142	8.4655	8.4655	0.740163	1.36245	1.35245	0.323038	2.52915	2.52915	0.482792	0.480575	-2.08084	0.0758655	0.6208	0.60128	0.961491	1.0424	1.0424	0.0948436	0.91382	-1.09442	0.0151248	0.538027	0.958127	0.958258	2.66867	13.5861	1
cg19880119	NT5DC2;NT5DC2	0.163018	0.8393445	1.06297	1.06297	0.7823594	1.08689	1.08689	0.535164	0.827572	-1.20835	0.659862	1.14264	1.14264	0.0949576	0.731161	-1.75082	0.0357789	0.471123	-2.12259	0.178239	1.54385	1.54385	0.0995175	0.57647	-1.7347	0.168654	0.640491	-1.5613	2.14753	3.01221	1.09094	1
cg21803754	PMS2;PSMA7;SS18L1	0.163021	0.676115	0.913516	-1.09467	0.904513	0.974094	-1.02617	0.248731	1.2965	1.2965	0.609688	0.895073	-1.11723	0.378215	0.823126	-1.21488	0.559558	0.880706	-1.13545	0.00551359	0.455937	-2.19329	0.616022	1.115	1.115	0.922388	1.0212	1.0212	0.74754	1.50306	0.652516	1
cg15066777	CCDC102B;TMX3	0.163021	0.5106326	1.1628	1.1628	0.4672076	1.20626	1.20626	0.248721	1.2624	1.2624	0.10276	0.607935	-1.49706	0.0216374	0.553438	-1.81344	0.157281	1.17048	1.17048	-1.40756	0.457321	0.84268	-1.18669	0.570327	1.13843	1.13843	0.660482	1.10192	1.10192	2.04764	1.38087	0.599443	1
cg23497016	MEIS1	0.163021	0.157683	0.242845	-4.11786	0.2823275	0.351157	-2.84773	0.635422	1.56429	1.56429	0.15825	0.243377	-4.10885	0.0934059	0.177503	-5.63371	0.175689	0.259512	-3.85338	0.0443989	0.11498	-8.69719	0.0356097	0.101119	-9.8893	0.134946	0.220964	-4.52563	2.04754	28.4613	12.3558	1
cg00437258	DAGLB;DAGLB	0.163022	0.797329	1.08977	1.08977	0.554901	1.1964	1.1964	0.995861	0.99618	-1.00383	0.294562	1.43796	1.43796	0.4437556	1.295616	1.29516	0.00720743	0.313873	3.186	0.5434614	1.228822	1.22802	0.337225	1.408889	1.408889	0.9606558	0.961444	1.0401	1.0401	2.04753	3.62022	1.57164	1
cg16577823	TMTC2	0.163027	0.0993334	0.6535023	-1.52998	0.5564645	1.1503	1.1503	0.0542925	0.598049	-1.6721	0.874276	1.03798	1.03798	0.0833161	0.508819	-1.57503	0.225817	1.34606	1.34606	0.374683	1.08337	1.08337	0.54001	1.15698	1.15698	0.141264	0.689072	-1.45123	2.0475	1.79685	0.780072	1
cg04141813	HBM	0.16303	0.968277	1.02272	1.02272	0.804205	0.869091	-1.15063	0.341133	1.74036	1.74036	0.706353	1.23837	1.23837	0.378255	0.600105	-1.66638	0.376223	1.6702	1.6702	0.304745	0.548621	-1.82275	0.00664377	7.31344	7.31344	0.847441	1.11493	1.11493	0.74748	10.3467	4.49187	1
cg08809221	FANCA	0.163035	0.503476	0.875379	-1.14256	0.222235	1.90986	-1.40536	0.162764	2.07626	0.644564	-1.54879	0.0386136	3.029077	-1.08722	0.744844	1.34281	0.431673	1.23725	1.23725	0.109069	1.58922	1.58922	0.483082	1.30817	1.30817	0.259133	0.731759	-1.36657	2.04745	2.28193	0.990687	1
cg22329233	NCKIPSD;NCKIPSD;NCKIPSD;NCKIPSD	0.163036	0.0875523	0.836836	-1.19498	0.341222	1.09705	1.09705	0.333581	0.910103	-1.09878	0.0592456	0.817796	-1.2228	0.0722578	0.902574	1.00325	1.00325	0.0509881	0.810625	-1.23362	0.353297	0.913561	0.602074	0.951527	-1.05094	0.218259	1.33011	1.33011	2.04745	0.2892621	0.125581	1
cg05392321	C1orf213;C1orf213;C1orf213	0.163036	0.5588684	1.077956	-1.28535	0.4475607	0.382162	-2.61569	0.142999	2.43203	-1.95185	0.591158	1.25882	1.25882	0.0295035	1.938883	-2.96839	0.4947015	1.28578	1.28578	0.216368	0.624007	-1.60255	0.524535	1.26336	1.26336	0.392249	0.727798	1.37401	2.04744	4.26123	1.85	1
cg05559215	MAPK14;MAPK14;MAPK14	0.163037	0.6665151	1.1704	1.1704	0.0373725	0.41654	-2.40073	0.0880964	1.97837	1.97837	0.109827	0.531601	-1.88111	0.961728	1.01755	1.01755	0.155047	1.48772	1.48772	0.25089	1.636777	1.636777	0.123838	1.54506	1.54506	0.855797	0.953623	-1.04863	2.04744	2.20975	0.959352	1
cg02257712	MXD4	0.163037	0.740268	0.91681	-1.09073	0.0147606	2.18862	2.18862	0.101594	1.59662	1.59662	0.812817	1.20191	1.20191	0.166194	1.06194	0.524903	0.844905	-1.18357	0.152781	1.17048	1.17048	-1.40756	0.457321	0.84268	-1.18669	0.570327	1.13843	1.13843	0.660482	1.10192	1.10192	2.04764	1.38087	0.599443	1
cg22201614	SOX9	0.163039	0.401251	0.894723	-1.11853	0.861896	-1.16023	-1.16023	0.361903	1.14358	1.14358	0.0495994	1.39535	1.39535	0.0206567	0.222045	-4.50559	0.157281	1.17048	1.17048	-1.40756	0.457321	0.84268	-1.18669	0.570327	1.13843	1.13843	0.660482	1.10192	1.10192	2.04764	1.38087	0.599443	1
cg04096091	POU5F1	0.16304	0.179923	0.652159	-1.53337	0.18145	0.653254	-1.5308	0.108729	0.591506	-1.6906	0.0457955	1.98818	1.98818	0.433957	0.786913	-1.27079	0.364488	1.32273	1.32273	0.245505	0.694484	-1.43992	0.61983	0.860619	-1.16195	0.250669	0.697486	-1.43372	2.04742	2.92129	1.26828	1
cg10911980	C5orf39	0.163042	0.214003	1.88013	1.88013	0.0749769	0.482118	2.07451	0.0468918	2.13257	0.116764	2.89181	2.29181	2.29181	0.108889	2.38163	2.38163	0.650766	0.800976	-1.24848	0.123186	0.61944	1.61944	0.0972811	0.10234	10.02234	0.0145151	0.333252	3.33252	3.33252	0.738718	7.68923	3.33885	1
cg16489193	VPS52;RPS18	0.163048	0.136925	2.26245	-4.41599	0.320331	0.386005	-2.59064	0.686543	0.686546	-1.45656	0.397884	0.448243	-2.23093	0.313223	0.380242	-2.6299	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg25940827	HSPG2	0.163049	0.393838	0.474221	-2.10872	0.901442	1.11163	1.11163	0.661849	0.686546	-1.45635	0.249042	0.357301	-2.79876	0.024057	0.100388	-9.96133	0.0626306	0.167011	-5.98763	0.0336739	0.12014	-8.32365	0.323901	0.418829	-2.38761	0.121522	0.238366	-4.19523	0.74737	23.6607	10.2726	1
cg02176169	LRP1	0.163049	0.541982	1.08445	1.08445	0.359921	0.818568	-1.06495	0.436145	1.24602	-1.14047	0.708393	0.506448	-1.97525	0.0103	0.676	-1.48003	0.178222	1.37974	1.37974	0.0124655	0.7248353	-1.38002	0.0156561	0.512216	0.214883	1.42991	1.42991	0.80335	0.963925	-1.03742	0.729734	2.04738	1.05624	1
cg25913231	SPARC	0.163067	0.0422604	0.260712	-3.83565	0.0554114	0.287176	-3.48219	0.1032	0.359067	-2.78499	0.163851	0.425825	-2.34838	0.168444	0.43028	-2.32407	0.0528618	0.282388	-3.54122	0.193282	0.627425	-1.59382	0.240726	0.425273	-2.35205	0.0710693	0.313897	-3.18576	0.426922	0.627425	-1.59382	0.240726	0.425273	-2.35205	0.0710693	0.313897	-3.18576	1
cg05883874	ZNF214;NUBP14	0.163069	0.5561156	1.0844	1.0844	0.4577417	0.176115	-5.67615	0.0948311	1.76455	-1.18744	0.717911	1.08675	1.08675	0.331917	0.7803384	-1.28155	0.5161346	1.08484	1.08484	0.5175	0.5094444	1.96397	1.96397	0.0762	1.56964	1.56964	0.0760693	0.928015	-1.07752	2.04744	0.9913	0.384615	1
cg26280526	CMTM6	0.163069	0.14931	0.684756	-1.46037	0.512973	0.85002	-1.17644	0.888138	1.03507	1.03507	0.89586	0.968436	-1.03259	0.345248	0.788138	-1.26881	0.9089828	0.972363	-1.02842	0.00445738	0.394931	-2.53209	0.829505	0.948555	-1.05423	0.282435	0.760673	-1.31462	2.04725	1.94486	0.844436	1
cg06234970	ZCRB1	0.163075	0.024653	0.399796	-2.50127	0.1381559	0.583842	-1.71279	0.566953	0.824336	-1.2131	0.876904	0.950053	-1.05257	0.408752	0.753868	-1.32649	0.165246	1.648	1.648	0.403691	0.7514139	-1.33078	0.30407	1.42781	1.42781	0.136387	0.582174	-1.7177	2.04714	3.69704	1.33921	1
cg12833011	KCNIP1;KCNIP1;KCNIP1	0.163077	0.3454909	0.777796	-1.28535	0.4475607	0.382162	-2.61569	0.142999	2.43203	-1.95185	0.591158	1.25882	1.25882	0.0295035	1.938883	-2.96839	0.605209	0.885835	1.1288	0.149378	0.7982552	-1.25301	0.156502	0.7731	-1.29353	0.0757916	0.407827	-2.45122	0.74723	1.47253	0.7672	1.74263	0.574425	1.74098	0.0757916	0.407827	-2.45122	0.74723	1
cg22127114	PANK4	0.163082	0.963937	0.987944	-1.0122	0.963473	1.01236	1.01236	0.239729	1.39134	1.39134	0.340145	1.30178	1.30178	0.2004158	0.472528	-2.11628	0.390415	0.789703	-1.2663	0.225507	1.40703	1.40703	0.642492	1.13362	1.13362	0.117656	0.57755	-1.57755	2.04717	2.33352	1.01322	1
cg20785333	CDGAP;CDGAP	0.163083	0.3229699	1.14454	1.14454	0.1055502	2.24548	-1.2049	0.623765	1.05385	1.05385	0.452965	1.08534	1.08534	0.0488175	1.5447	1.5447	0.406323	1.10926	1.10926	0.0953991	1.184753	1.184753	0.0247107	1.34039	1.34039	0.024016	0.720306	1.39376	1.39376	2.04717

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3479 vs. N)	Fold-Change(3479 vs. N)	p-value(3533 vs. N)	Fold-Change(3533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg19796974	WDR68	0.163366	0.079885	1.88399	1.88399	1.814789	0.926372	-1.07948	0.137043	0.559332	-1.6854	0.626636	0.852332	-1.17325	0.07229592	1.9191	1.9191	1.9191	0.50575	1.24617	1.24617	1.13491	1.6909	1.6909	0.1709	0.7298	0.628713	-1.55055	0.747488	0.900071	-1.11102	2.04543	3.44113	1.49542	1
cg01470925	LPGAT1;LPGAT1	0.163368	0.379776	1.13274	1.13274	0.787155	1.31011	1.31011	0.125363	1.25793	0.606039	1.07462	1.07462	0.42733	1.11864	1.11864	0.915652	0.985451	-1.01476	0.212055	0.833731	-1.19943	0.285243	0.857665	-1.16596	0.036737	1.40941	1.40941	0.245041	0.619919	0.269402	1
cg13036381	LOC401097	0.163374	0.275984	2.04211	2.04211	0.030984	4.93177	4.93177	0.173975	2.4875	2.4875	0.271479	2.05704	2.05704	0.334662	0.534251	-1.87178	0.769681	1.2032	1.2032	0.411117	0.588877	-1.69815	0.0637203	3.71834	3.71834	0.171177	2.50427	2.50427	0.24537	12.8593	5.58847	1
cg07690290	LIPH	0.163377	0.516697	-1.93537	0.267382	1.75046	1.75046	0.782763	1.14331	1.14331	0.0825873	0.3959902	-2.53866	0.18754	0.508221	-1.9676	0.172617	0.4949155	-2.02055	0.16596	0.04598	2.04598	?	?	0.328392	1.63877	1.63877	0.26017	6.81033	3.30571	1
cg08822227	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.163379	0.14137	0.725774	-1.17784	0.335429	0.817668	-1.22299	0.604862	0.900587	-1.11039	0.38695	0.835503	-1.19688	0.124265	0.713693	-1.40116	0.578911	1.12031	1.12031	0.0218796	0.572675	-1.41764	0.26853	1.26307	1.26307	0.04534	1.13038	0.578172	1
cg21560142	BBC3;BBC3;BBC3;BBC3	0.163384	0.0180007	0.460539	-2.17137	0.939945	1.02054	1.02054	0.355173	0.772806	-1.29399	0.170348	0.674399	-1.4828	0.591001	0.863584	-1.1576	0.820439	1.06325	1.06325	0.851443	1.05189	1.05189	0.943563	0.534005	-1.87023	0.08783722	0.601548	-1.66238	0.04531	2.3576	1.02461	1
cg03310453	PPP1CC;PPP1CC	0.163386	0.634885	1.06604	1.06604	0.289353	1.15838	1.15838	0.0943966	0.7820083	-1.27864	0.981455	1.00311	1.00311	0.762758	0.960337	-1.0413	0.762048	1.04143	1.04143	0.00968579	0.6454625	-1.54889	0.561214	1.0817	1.0817	0.915335	0.985885	-1.01432	0.0563	0.578867	0.251576	1
cg14687145	FAM179A	0.163389	0.0451209	0.329326	-1.99833	0.578247	1.50758	1.50758	0.952055	1.05594	1.05594	0.112734	0.2191	-4.55996	0.0842537	0.177008	-5.62722	0.533048	0.564121	-1.77267	0.0288716	0.0992368	-10.0842	0.101672	0.295583	-3.38544	0.270748	0.354468	-2.82113	0.24627	26.4998	11.517	1
cg13523217	RALGDS;RALGDS	0.163392	0.989328	1.04091	1.04091	0.0332581	2.52844	2.52844	0.411099	1.36047	1.36047	0.960469	0.0820007	-1.01832	0.252591	0.645475	-1.54925	0.0597466	0.493215	-2.17763	0.241602	0.638259	-1.5676	0.904674	1.10487	1.10487	0.283019	0.663346	-1.50751	0.24526	4.34687	1.88919	1
cg25085925	AR	0.163393	0.0535294	0.171181	-5.84177	0.0901392	0.222369	-4.49704	0.379733	0.4841646	-2.06542	0.749102	0.772369	-1.29472	0.0265837	0.120545	-8.29564	0.032612	0.133592	-7.48546	0.211156	0.346303	-2.88765	0.430829	0.52349	-1.91026	0.610911	0.661649	-1.51137	0.24526	20.9887	9.1219	1
cg08387463	ARC	0.163395	0.14251	3.404737	-2.47439	0.242331	1.34746	1.34746	0.27185	1.44116	0.67263	-1.48719	2.48979	2.559285	0.587275	-1.71888	0.278019	0.533557	2.33111	2.33111	0.0533826	0.301271	3.31927	3.31927	0.0125993	0.0486166	-5.94652	0.344639	0.175557	-1.74961	0.24526	10.6975	6.44925	1
cg18741166	IGDCC4	0.163398	0.36787	0.527292	-1.89648	0.21596	2.46215	2.46215	0.351472	1.94157	0.794175	0.758025	1.2384	1.2384	0.0105094	0.107759	-9.27996	0.762233	1.22912	1.22912	0.340778	0.97243	1.02943	1.02943	0.526574	1.52574	0.626678	0.140378	1.40378	0.04523	15.5082	6.74011	1
cg26562234	CTIF(2);CTIF(2	0.163401	0.991609	1.00855	1.00855	0.24363	0.375469	-2.66184	0.00523402	0.0056478	-19.7442	0.205389	0.338946	-2.95012	0.479441	0.557904	-1.79242	0.26992	0.394431	-2.5353	0.804209	0.817795	-1.2228	0.560753	1.61017	1.61017	0.575517	0.632468	-1.58111	0.24521	21.3417	9.23287	1
cg22536324	HK1;HK1;HK1;HK1;HK1 CCDS41;ANAPC13;CEP63;ANAPC13;CEP6	0.163402	0.647812	1.43435	1.43435	0.320277	2.23771	2.23771	0.183348	3.02586	3.02586	0.255516	2.53702	2.53702	0.0524097	0.17728	-5.64079	0.487573	1.17387	1.17387	0.01925	0.49388	0.4938	0.1547	3.30234	3.30234	0.732296	1.30905	1.30905	0.24521	19.0245	8.65961	1
cg21130063	1CEP63;ANAPC13;CEP63	0.163402	0.173432	0.720136	-1.37545	0.753931	0.933133	-1.07166	0.268786	1.28851	1.28851	0.792827	0.926536	-1.07929	0.675252	0.911436	-1.09717	0.743457	0.930271	-1.07496	0.0093065	0.483785	-2.06703	?	?	?	0.262957	0.773476	0.129287	2.06001	1.40477	0.681923	1
cg25277573	SV2A	0.163403	0.470122	0.837448	-1.1941	0.735841	1.08518	1.08518	0.0976591	1.55074	1.55074	0.885068	0.965684	-1.03554	0.0895931	0.636464	-1.57118	0.821521	0.946912	-1.05606	0.0837514	0.628856	-1.59019	0.0765914	1.60887	1.60887	0.450328	0.830525	-1.20406	0.0452	1.88793	0.820535	1
cg21793837	UNC79;UBE2D4	0.163403	0.797226	0.919245	-1.08795	0.552345	1.05258	1.05258	0.0995	1.22536	0.653476	0.862619	-1.15926	0.523522	1.25544	1.25544	0.203567	0.184193	0.638859	-1.58514	0.0209658	0.433846	-2.30497	0.107229	1.78935	1.78935	0.20953	1.41045	1.41045	0.204119	3.46415	1.5056	1
cg25713625	STEAP3;STEAP3;STEAP3	0.163403	0.374497	1.76727	-1.35795	0.0102585	2.05896	2.05896	0.0622688	1.59948	1.59948	0.0614411	0.959197	-1.04197	0.272586	0.6839	-1.4622	0.411594	0.754718	-1.325	0.203757	1.5677	1.5677	0.197104	1.57942	1.57942	0.472771	0.782881	-1.27733	0.04519	3.63912	1.58165	1
cg11746684	XK96	0.163413	0.202061	0.414752	-2.41108	0.99324	1.00555	1.00555	0.771764	1.20929	1.20929	0.582197	1.43771	1.43771	0.145948	0.360631	-2.77292	0.545547	0.670528	-1.49136	0.00997251	0.119309	-8.38163	0.0898947	0.294812	-3.39199	0.533061	0.661993	-1.51059	0.24514	13.8272	6.0098	1
cg21596862	ATP2A2;ATP2A2;ATP2A2	0.163417	0.129014	0.473219	-2.11393	0.0334249	1.37119	-2.9631	0.0953942	0.433539	2.3036	0.34528	0.844982	-1.18345	0.0513254	0.315501	-3.16927	0.10414	0.444694	-2.24874	0.0711506	0.398769	-2.50772	0.295852	0.648007	-1.54299	0.455275	0.648093	-1.54299	0.245111	6.73815	2.92868	1
cg13907146	SLC38A3	0.163419	0.0693551	0.587537	-2.5804	0.240654	0.284932	-3.50961	0.0438775	0.339356	-2.94676	0.219822	0.547715	-1.82577	0.244838	0.566863	-1.7641	0.200044	0.531727	-1.88066	0.0784743	0.401731	-2.48923	0.194216	0.52685	-1.89808	0.301135	0.6066	-1.64853	0.2451	7.05154	3.0649	1
cg09153776	HDAC4	0.163422	0.0384408	0.356482	-2.80602	0.231707	0.211162	1.21162	0.350181	1.18799	1.18799	0.237372	1.23592	1.23592	0.0400005	0.262239	-3.80948	0.270844	0.534176	-1.87204	0.0455101	0.364948	-2.74108	0.0664448	0.8291102	-1.20612	0.0610072	0.604141	-1.65524	0.0155306	0.763436	0.39087	0.243081	1
cg22903365	KLHL28;FAM179B	0.163427	0.600027	0.861984	-1.16011	0.293792	1.35754	1.35754	0.170139	1.50698	1.50698	0.454157	0.807333	-1.23865	0.760878	0.917889	-1.08946	0.924577	1.02694	1.02694	0.00807816	0.385873	-2.59153	0.860761	1.05052	1.05052	0.999001	0.999649	-1.00035	0.24505	2.55201	1.10924	1
cg24300981	PRDM16;PRDM16	0.163427	0.265432	1.36361	1.36867	0.405502	1.23112	1.23112	0.0232236	0.480124	-2.0828	0.808002	1.06805	1.06805	0.795049	0.910204	-1.07293	0.925008	0.974862	-1.02579	0.399567	1.26264	1.26264	0.105727	1.61266	1.61266	0.159271	0.66579	-1.50198	0.24505	2.36863	1.02953	1
cg24832041	MGC34436;MGC34436;C12orf34	0.163429	0.937949	1.01817	1.01817	0.775565	0.936032	-1.06834	0.313595	0.7882	-1.27256	0.669464	0.913327	-1.0949	0.0629045	0.0942496	-10.6124	0.871127	1.03826	1.03826	0.153021	0.22815	0.22815	0.462441	0.841147	-1.18885	0.594631	0.883195	-1.13225	0.24504	1.73223	0.752023	1
ch.15.2923390F	AQR	0.163429	0.485773	0.836212	-1.19587	0.0120938	0.453787	-2.20368	0.343273	0.781479	-1.27963	0.020398	0.493694	-2.02555	0.257984	0.74223	-1.34729	0.526614	0.850418	-1.17589	0.946322	0.98314	-1.01715	0.444766	0.821406	-1.21742	0.969024	0.990241	-1.00986	0.24504	2.06572	0.89788	1
cg27298159	RSPH4A;RSPH4A	0.163429	0.29154	1.884734	-1.18245	0.0218899	0.12558	1.12558	0.213593	1.23843	1.23843	0.635429	1.07585	1.07585	0.0901632	0.892455	-1.12055	0.282359	0.642771	-1.5566	0.0160154	0.758984	-1.31755	0.908107	1.16338	1.16338	0.16528	0.85741	-1.16678	0.24504	0.759908	0.329947	1
cg12513284	BAZ2A	0.163431	0.977491	0.993376	-1.00667	0.0187835	1.95554	1.95554	0.225512	1.35003	1.35003	0.547288	1.15618	1.15618	0.0704165	0.161012	-6.6102	0.536674	1.1589	1.1589	0.100706	1.52733	1.52733	0.20075	1.37483	1.37483	0.051719	1.68465	1.68465	0.04502	1.79727	0.781199	1
cg06300107	MTMR8	0.163434	0.0591562	0.326253	-3.06511	0.1028	0.391883	-2.55178	0.168138	0.462018	-2.16442	0.194909	0.48637	-2.05605	0.0163921	0.213909	-4.67488	0.317351	0.580778	-1.72183	0.115569	0.4068	-2.45792	0.135725	0.429446	-2.32858	0.215528	0.503943	-1.98435	0.04501	8.95118	3.89074	1
cg08753403	CLEC2B	0.163435	0.539525	1.1707	1.1707	0.377337	1.17514	1.17514	1.25841	0.623483	1.13293	1.13293	1.52712	1.52712	0.0153154	0.315501	-3.16927	0.20126	0.187408	1.42547	1.42547	0.145191	1.3719	1.3719	0.00476156	2.58823	1.58823	0.777999	1.07435	1.07435	0.245087	0.306304	1
cg22409100	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.163438	0.291799	0.644633	-1.55127	0.501428	1.31507	1.31507	0.606726	1.23174	1.23174	0.459524	1.35296	1.35296	0.0218738	0.331465	-3.01691	0.270847	1.58437	1.58437	0.305084	0.6529913	1.5316	0.248336	1.62323	1.62323	0.202966	1.58304	1.58304	0.04503	1.71514	0.24499	5.21881	2.26845	1
cg02454429	LUZP4;LUZP4	0.163439	0.112134	0.772721	-1.29473	0.0911	0.213585	1.21585	0.0881	1.21162	1.21162	0.350181	1.18799	1.18799	0.237372	0.262239	-3.80948	0.527642	0.814588	-1.22808	0.0363153	0.154042	0.154042	0.0244141	0.6538	0.6538	0.0425205	0.0495706	0.763436	0.39087	0.243081	0.04501	5.04755	2.42049	1
cg03733276	ZNF74;ZNF74	0.163444	0.241022	0.599648	-1.66765	0.339535	0.66354	-1.50707	0.210206	1.73358	1.73358	0.320055	0.65173	-1.53438	0.0108118	0.263449	3.7958	0.748709	0.87466	-1.1433	0.357231	1.48368	1.48368	0.786094	1.12002	1.12002	0.895015	0.946474	-1.05655	0.24497	5.62304	2.44418	1
cg16760223	SPATA16	0.163443	0.132039	0.589645	-1.69593	0.223691	0.660065	-1.515	0.124221	0.582001	-1.71762	0.598834	0.841551	-1.18828	0.0732015	0.522431	-1.91413	0.561188	0.826191	-1.21037	0.206815	1.54132	1.54132	0.653458	1.15819	1.15819	0.0385622	0.458987	-2.17871	0.24495	3.42007	1.48662	1
cg20784263	RB1	0.163447	0.361707	0.819582	-1.22002	0.301207	1.11162	1.11162	0.350181	1.18799	1.18799	0.237372	1.23592	1.23592	0.0400005	0.262239	-3.80948	0.527642	0.814588	-1.22808	0.0363153	0.154042	0.154042	0.0244141	0.6538	0.6538	0.0425205	0.0495706	0.763436	0.39087	0.243081	0.04501	5.04755	2.42049	1
ch.12.2625555I	ATP6V0A2	0.163448	0.241529	0.515064	-1.94151	0.615698	0.760407	-1.31509	0.926161	0.951065	-1.05145	0.0140672	0.193875	-5.15795	0.907822	1.06469	1.06469	0.017339	0.208403	-4.79839	0.43176	0.647751	-1.54379	0.61166	0.757985	-1.31929	0.574581	0.735699	-1.35925	0.24492	9.48584	4.12332	1
cg24475171	C9orf78;USP20;USP20;USP20	0.163448	0.0451983	0.401413	-2.49115	0.220078	0.605608	-1.65125	0.0410202	0.440217	-2.48651	0.807163	0.97257	-1.02811	0.890168	1.04382	-1.04382	0.250409	0.628994	-1.58757	0.0744648	0.402	-2.48756	0.0956602	0.9156	-1.09207	0.956402	0.956402	-1.04572	0.24492	0.89976	0.212984	1
cg24456672	AUH	0.163457	0.174892	0.40929	-2.44325	0.249724	0.447048	-2.10594	0.424501	0.603523	-1.65694	0.695133	0.783608	-1.27615	0.0586957	0.266569	-3.75138	0.070478	0.286037	-3.49605	0.0101391	0.147157	-6.79549	0.168809	0.403434	-2.47872	0.282689	0.501012	-1.99596	0.24487	12.4141	5.39632	1
cg11144269	FBXO21;FBXO21	0.163457	0.776027	0.86891	-1.15087	0.787779	0.875535	-1.14216	0.829636	0.899289	-1.11199	0.468101	0.695111	-1.43862	0.0692101	0.367335	-2.72231	0.580024	1.13698	1.13698	0.0182139	0.243618	-4.10479	0.267226	1.7672	1.7672	0.243894	1.82325	1.82325	0.04486	7.9595	3.41647	1
cg04735478	OSBP	0.163458	0.0451983	0.401413	-2.49115	0.220078	0.605608	-1.65125	0.0410202	0.440217	-2.48651	0.807163	0.97257	-1.02811	0.890168	1.04382	-1.04382	0.250409	0.628994	-1.58757	0.0744648	0.402	-2.48756	0.0956602	0.9156	-1.09207	0.956402	0.956402	-1.04572	0.24492	0.89976	0.212984	1
cg00778448	C3orf25	0.163459	0.527777	0.850483	-1.1758	0.888008	0.210182	1.03612	0.0201472	0.23304	0.203304	0.669091	0.896871	-1.11499	0.943125	1.01823	1.01823	0.033887	0.534179	-1.87203	0.463816	0.827981	-1.20776	0.526971	1.17618	1.17618	0.896021	0.967441	-1.03366	0.24486	2.07557	0.902241	1
cg26346012	DNAJB2;DNAJB2	0.163462	0.0210862	0.350662	-2.85185	0.0560662	0.147653	1.14765	0.0295	1.38314	1.38314	0.382074	1.35088	1.35088	0.0344553	0.247706	-4.03403	0.858308	0.874703	-1.06187	0.483994	1.26648	1.26648	0.262187	0.670527	-1.49142	0.70594	1.12302	1.12302	0.24486	1.73223	0.752023	1
cg15036284	MRPL32;PSMA2 FAM63A;PRUNE;FAM63A;FAM63A;FA	0.163465	0.400985	0.707174	-1.41408	0.0169991	1.23174	1.23174	0.125774	1.94978	1.94978	0.111133	2.01272	2.01272	0.729744	0.869554	-1.15001	0.987941	0.993927	-1.00611	0.410063	0.712096	-1.4043	0.708792	1.16324	1.16324	0.238803	1.64418	1.64418	0.24482	5.26077	2.28687	1
cg18886239	ME3;FAM63A	0.163466	0.0380806	0.493221	-2.27681	0.867112	0.16148	1.06148	0.58594	0.828417	-1.20712	0.366136	1.37403	1.37403	0.107967	0.551968	-1.8117	0.290663	1.45539	1.45539	0.313707	0.700063	-1.42844	0.450571	0.457038	-2.188	0.890026	0.953758	-1.04848	0.24481	3.79284	1.64876	1
cg07184423	REPS1;REPS1	0.163468	0.49502	1.38962	1.38962	0.0484987	2.91643	2.91643	0.0514827	2.86554	2.86554	0.507434	1.37622	1.37622	0.269478	0.579212	-1.72648	0.140671	2.12245	2.12245	0.111701	2.27647	2.27647	0.34385	1.58891	1.58891	0.450617	0.694182	-1.44054	0.2448	7.30299	3.17466	1
cg18571156	CENPB	0.163469	0.34438	0.646629	-1.54702	0.185579	0.713188	1.40276	0.0135	1.63467	1.63467	0.0196064	1.03972	-1.03972	0.0937447	0.431939	-2.31561	0.174783	0.908664	-1.10072	0.0905865	0.433292	-2.30799	0.0965865	0.433292	-2.30799	0.0965865	0.433292	-2.30799	0.0965

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg00574017	CBorf79;CBorf79	0.1636365	0.0602507	0.6842429	0.159737	0.686394	0.6144442	-1.57619	0.422197	1.18865	0.2185511	0.76121	-1.3137	0.6661177	0.9088536	-1.10067	0.94904	1.01423	1.01423	0.2246602	1.32567	1.32567	0.1684962	0.7230212	-1.3831	0.0950954	0.666714	-1.49983	2.04359	1.58086	0.6876118	1
cg21805960	C7orf50;C7orf50;C7orf50	0.1636365	0.651209	0.908841	-1.1003	0.1154836	1.86595	1.865935	0.334886	1.814881	-1.23231	0.4769134	0.8590383	-1.16403	0.9987406	1.00033	1.00033	0.711973	1.081	1.081	0.1384676	0.7153552	-1.39791	0.2579883	1.28135	1.28135	0.3069988	1.24872	1.24872	0.24359	1.42773	0.6210112	1
cg15645605	MRPL35;MRPL35	0.1636368	0.5049957	1.44752	1.44752	0.00482799	7.72008	7.72008	0.4493927	0.65266	-1.53219	0.395144	1.60979	1.60979	0.4406538	1.53712	1.53712	0.557577	0.723077	-1.38298	0.8690828	0.9137311	-1.09441	0.6791177	1.25529	1.25529	0.6673115	1.26669	1.26669	0.24357	9.67311	4.20749	1
cg20833838	GPRIN1	0.1636372	0.525211	0.7801643	-1.28182	0.55332	0.793539	-1.26018	0.1617166	1.77935	1.77935	0.9423791	1.02827	1.02827	0.106622	0.50691	-1.97274	0.925271	1.03684	1.03684	0.0226077	0.3489953	-2.86572	0.0764381	0.467629	-2.13845	0.4024463	0.7186515	-1.39157	2.04555	4.81326	2.09363	1
cg18856652	PLEKHH2	0.1636375	0.320059	1.76606	1.76606	0.4282312	1.56781	1.56781	0.5303	1.42397	1.42397	0.0240771	0.226941	-4.60463	0.9429621	1.11659	1.11659	0.09116654	0.355417	-2.81359	0.681588	1.25781	1.25781	0.562884	0.430336	-2.32376	0.4393966	1.55036	1.55036	0.24554	10.0047	4.3518	1
cg07460320	TUBGCP3	0.1636375	0.9050321	0.9801555	-1.02025	0.09912545	1.74401	1.74401	0.1428865	1.3172	1.3172	0.374027	1.16559	1.16559	0.120841	1.32642	1.32642	0.1614447	1.28545	1.28545	0.793934	0.95699	-1.04494	0.5251578	1.11418	1.11418	0.8104908	0.9604664	-1.04116	0.24553	0.9126644	0.3969887	1
cg09265940	PTCHD2	0.1636375	0.0585061	0.590304	-1.69404	0.7663153	1.07635	1.07635	0.25806	0.7474428	-1.33792	0.4598003	0.8305672	-1.204	0.6372243	1.12431	1.12431	0.552001	1.16001	1.16001	0.0186343	2.0209	2.0209	0.9122233	1.02757	1.02757	0.6324371	1.12622	1.12622	0.24353	1.96935	0.85662	1
cg19087643	INPP5A	0.1636375	0.172548	0.708439	-1.41155	0.2304224	1.09478	1.09478	0.8108255	0.7626511	-1.31644	0.2582369	0.7553731	-1.32322	0.4741627	0.8412288	-1.18865	0.141368	0.686197	-1.45574	0.0229317	0.802491	1.90701	0.713451	1.09152	1.09152	0.8344468	0.951153	-1.05094	0.24353	1.82447	0.7919003	1
cg09963853	MGRN1;MGRN1;MGRN1;MGRN1	0.1636377	0.86876	1.06078	1.06078	0.7624555	1.11423	1.11423	0.58811	1.02145	1.02145	0.2213557	0.6329666	-1.57986	0.8751165	0.9454511	-1.05777	0.3649363	0.717394	-1.39393	0.0136378	2.970326	2.970326	0.0711911	0.25249	0.680756	1.15905	1.15905	0.24352	4.12	1.79212	1
cg15839910	LOC148700	0.1636378	0.438095	1.20659	1.20659	0.0575011	1.66542	1.66542	0.548364	1.15512	1.15512	0.228897	0.740956	-1.34961	0.963734	1.01085	1.01085	0.0594656	1.65718	1.65718	0.336786	0.7904455	-1.26509	0.7657481	0.9315154	-1.07352	0.0655929	1.63335	1.63335	0.24351	1.82462	0.7936741	1
cg08397550	PYGO2	0.1636378	0.0233414	1.160197	1.160197	0.2599021	1.25706	1.25706	0.3559539	0.8034	0.4017	-2.48139	0.2104489	0.7772	-1.2575422	0.6225725	0.9139	0.9019454	1.092524	-1.08624	0.5162068	0.6675519	-1.49808	0.5452257	0.8406786	-1.50878	0.2125359	0.4139	-2.41604	2.04351	1.64089	0.5135457	1
cg07448909	MGMT	0.1636378	0.5141153	0.800578	-1.24901	0.1705212	0.376125	-2.65869	0.0368216	0.4424993	-2.25992	0.742948	1.11699	1.11699	0.0592554	0.6872	0.4482	0.9405026	0.975226	-1.0254	0.425033	0.7604119	-1.31506	0.719463	0.8853803	-1.12892	0.8852243	0.952608	-1.04975	0.2435	3.65822	1.59126	1
cg19844955	SNORD116-15;SNORD116-16	0.1636386	0.219871	0.5939275	-1.96358	0.04149571	0.292408	-1.41988	0.3007775	0.876116	-1.1414	0.486821	0.6910344	-1.44709	0.0768722	0.557338	-2.79847	0.2663213	0.316997	-2.99673	0.8432662	0.9053616	-1.1091	0.31051	1.73129	1.73129	0.0948872	1.909128	2.70909	0.24346	8.8543	3.581554	1
cg22650022	ARGFXP2;RHOT1;RHOT1;RHOT1	0.1636387	0.166733	1.28562	1.28562	0.749637	0.946897	-1.05608	0.2178805	0.801756	-1.24726	0.468054	0.8656096	-1.15514	0.234006	0.808475	-1.2369	0.883518	0.975324	-1.0253	0.9180598	1.50652	1.50652	0.8993441	0.9777397	-1.02313	0.0831475	1.386572	1.38672	0.24346	0.9400331	0.4089506	1
cg04760754	CHUK	0.1636388	0.5783389	0.8316374	-1.20239	0.103729	1.79347	1.79347	0.157574	1.60462	1.60462	0.0423639	0.4641426	-2.15459	0.531798	1.23114	1.23114	0.696171	1.13751	1.13751	0.912001	0.9655401	-1.03696	0.8836029	0.533282	-1.87516	0.5908835	1.19505	1.19505	0.24345	3.48858	1.51751	1
cg26750139	ACAD6	0.1636389	0.8488405	0.9854447	-1.01473	0.3308526	1.11012	1.11012	0.8937654	0.9864	-1.01405	0.8990003	1.09438	1.09438	0.2966154	0.8900	0.9033	0.1441151	0.847644	-1.17975	0.2774089	0.8887259	-1.1252	0.2085464	0.7634969	-1.30981	0.1147222	1.19622	1.19622	0.24345	0.3530771	0.1315384	1
cg04221387	ALPK1;ALPK1 /// PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;P	0.1636389	0.884055	0.97311	-1.02763	0.0316957	1.60073	1.60073	0.850352	0.965333	-1.03591	0.327295	0.827868	-1.20792	0.103429	0.716982	1.39474	0.245587	0.797029	-1.25466	0.155122	1.32871	1.32871	0.278345	0.810124	-1.23438	0.835342	0.961866	-1.03965	0.24344	1.12934	0.491257	1
cg02848122	PPP1R9A	0.1636391	0.6973315	0.905762	-1.10404	0.4316676	0.816094	-1.22535	0.303047	0.763262	-1.31017	0.935355	0.9796667	-1.02075	0.247495	0.736248	-1.35824	0.384185	0.797757	-1.25351	0.00956938	2.295625	2.295625	0.614394	1.13728	1.13728	0.571369	1.15587	1.15587	0.24344	2.07535	0.902772	1
cg02937873	WDR62;WDR62	0.1636392	0.798792	1.1142	1.1142	0.0838766	0.444946	-2.24746	0.0220802	0.312845	-3.19647	0.197466	1.78024	1.78024	0.681095	0.839508	-1.19117	0.101584	0.468225	-2.13573	0.811736	0.9049911	-1.10508	0.5404498	1.29994	1.29994	0.7463151	0.871627	-1.14728	0.43643	5.80013	2.52305	1
cg08337337	GPR45	0.1636394	0.2361097	0.8653392	-1.15555	0.3085707	1.09681	1.09681	0.1482139	1.17932	1.17932	0.693212	0.9964569	-1.00354	0.9552435	1.02725	1.02725	0.6736341	1.09058	1.09058	0.6505647	1.29556	1.29556	0.676059	0.9523246	-1.05006	0.0360879	0.754171	-1.32596	2.04342	0.439039	0.1909083	1
cg16753846	SHANK2;SHANK2	0.1636398	0.145597	0.758368	-1.31862	0.057491	0.683669	-1.4627	0.487471	1.133	1.133	0.6941673	0.7219957	-1.38505	0.657005	0.1823	1.0823	0.119885	1.34807	1.34807	0.261505	1.23031	1.23031	0.985049	1.00332	1.00332	0.5044693	0.887073	-1.1273	0.24339	1.01401	0.441102	1
cg25719853	PTPN6	0.1636406	0.754389	1.13168	1.13168	0.4105055	2.01203	2.01203	0.08378559	1.98128	1.98128	0.8094024	0.9160634	1.01956	1.022868	1.44865	1.44865	0.160627	1.7015	1.7015	0.0225929	2.68441	2.68441	0.0218582	1.35709	1.35709	0.2936663	0.6734344	-1.48493	2.04334	4.20132	1.884562	1
cg08125535	LOC221710	0.1636417	0.4763391	1.14646	1.14646	0.288376	1.23124	1.23124	0.491227	1.14106	1.14106	0.785706	0.949864	-1.05278	0.239228	1.2619	1.2619	0.41715	1.16941	1.16941	0.0457059	0.6489574	-1.54089	0.2062323	1.28614	1.28614	0.0369676	1.57972	1.57972	0.24328	1.15275	0.501483	1
cg16322262	GPR135;DMD;DMD;DMD;DMD;DMD;DMD;DM D;DMD;DMD;DMD;DMD;DMD;DMD;D	0.1636372	0.276706	0.20962	0.20962	0.0189552	6.262	6.262	0.768672	1.20294	1.20294	0.19227	2.59006	2.59006	0.0384842	4.64927	4.64927	0.766188	1.20541	1.20541	0.91206	1.07163	1.07163	0.0843474	3.36913	3.36913	0.12797	2.83781	2.83781	2.14275	13.0275	4.72873	1
cg25857333	MD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;D	0.1636372	0.0335271	0.392302	-2.54906	0.0228237	0.3583	-2.79096	0.995153	0.997714	-1.00229	0.806423	0.911646	-1.09692	0.548407	0.795478	-1.25711	0.0886748	0.49283	-2.0291	0.356708	0.6996558	-1.42927	0.4183355	1.36559	1.36559	0.970052	1.01425	1.01425	0.24325	4.59403	1.99857	1
cg04305599	REEP1;REEP1;REEP1;REEP1	0.1636376	0.7127221	0.905349	-1.10455	0.0509681	0.818	1.22535	0.303047	0.763262	-1.31017	0.935355	0.9796667	-1.02075	0.247495	0.736248	-1.35824	0.112561	0.628748	-1.59115	0.0136148	0.6666146	0.777152	-1.28675	0.322767	1.31602	1.31602	0.0406546	0.616516	-1.62202	0.24322	2.33933	1.01771	1
cg09684245	C1orf168	0.1636376	0.0531049	0.544648	-1.83605	0.6875566	0.894241	-1.11827	0.397357	0.786938	-1.27075	0.959007	1.01431	1.01431	0.00847051	0.394835	-2.5327	0.9879112	0.99582	-1.0042	0.453422	0.8096643	-1.23511	0.6626333	1.12905	1.12905	0.221669	0.701067	-1.4264	0.24322	2.47371	1.07617	1
cg08813236	CRIP1;PIGF;PIGF;CRIPT	0.1636734	0.2439374	0.8653392	-1.15555	0.3085707	1.09681	1.09681	0.1482139	1.17932	1.17932	0.693212	0.9964569	-1.00354	0.9552435	1.02725	1.02725	0.6736341	1.09058	1.09058	0.6505647	1.29556	1.29556	0.676059	0.9523246	-1.05006	0.0360879	0.754171	-1.32596	2.04342	0.439039	0.1909083	1
cg13311930	CFLAR;CFLAR;CFLAR	0.1636736	0.0386793	0.4990221	-2.00393	7	0.0386793	-2.00393	7	0.107912	-1.10239	0.573934	0.90192	-1.14186	0.1840338	1.08039	1.16257	0.6487203	-1.54154	0.0154568	0.6486358	0.6954	7	7	0.8280227	0.938799	-1.06519	0.270591	2.1549	1.18634	1
cg05790380	PBDM16;PBDM16	0.1636737	0.754389	1.13168	1.13168	0.4105055	2.01203	2.01203	0.08378559	1.98128	1.98128	0.8094024	0.9160634	1.01956	1.022868	1.44865	1.44865	0.160627	1.7015	1.7015	0.0225929	2.68441	2.68441	0.0218582	1.35709	1.35709	0.2936663	0.6734344	-1.48493	0.24314	4.20132	1.884562	1
cg06972188	CMIP;CMIP	0.1636744	0.0585049	0.394978	-2.53178	0.132835	0.494228	-2.02336	0.571128	1.28242	1.28242	0.973401	1.01459	1.01459	0.0358653	0.346096	-2.88937	0.305817	0.630785	-1.58533	0.561434	1.29069	1.29069	0.438711	0.70946	-1.40952	0.061723	0.4007734	-2.49542	0.24311	0.11135	2.65884	1
cg26306411	XBP1;XBP1	0.1636747	0.532321	0.898285	-1.11323	0.32678	1.18731	1.18731	0.511097	0.893119	-1.11967	0.982113	0.996205	-1.00381	0.211349	0.799866	-1.25201	0.766358	0.950721	-1.05183	0.00740978	0.5570391	-1.79504	0.756682	0.948657	-1.05412	0.318973	1.19085	1.19085	0.24309	0.9306635	0.4048911	1
cg22686240	C1QTNF7;C1QTNF7	0.1636747	0.8677946	1.02203	1.02203	0.5124089	0.515605	-1.93609	0.706273	0.886534	-1.12798	0.540088	1.22269	1.22269	0.1017047	0.5945	-1.68209	0.1133526	0.597335	-1.67409	0.0408188	0.5422	1.85266	0.5296	0.567016	1.76292	1.22496	0.2409	1.02473	1.24965	1.24965	0.24309	0.4607157	0.2466432	1
cg13677741	LYST	0.1636375	0.648481	1.42324	1.42324	0.13677	1.43009	1.43009	0.303953	2.26757	2.26757	0.454679	1.79606	1.79606	0.0346873	0.150557	-6.64202	0.930555	1.06932	1.06932	0.522946	1.64519	1.64519	0.0980682	0.247733	-4.03661	0.2723304	0.414534	-2.40767	0.24308	19.1335	8.32448	1
cg18639038	RRM2;RRM2	0.1636375	0.362863	1.25243	1.25243	0.4729724	0.971487	-1.02935	0.357799	1.32824	1.32824	0.545601	1.4832209	-1.20162	0.3991787	0.771681	-1.29587	0.656376	0.902138	-1.10844	0.2405007	0.5570597	1.74866	0.6997209	1.00386	1.00386	0.9962751	1.00158	-1.04158	0.24307	0.79379	0.3586304	1
cg27155460	TMEM77	0.1636375	0.0248637	0.3368127	-2.96897	0.159062	0.541153	-1.84662	0.0645614	0.394957	-2.53192	0.0406391	0.381631	-2.62034	0.2539324	0.619054	-1.61537	0.288253	0.638079	-1.56702	0.446589	0.528297	-1.89287	0.2010391	0.583993	-1.71235	0.2487584	0.63765	-1.56826	0.24304	1.37375	2.33802	1
cg02173849	PJA2	0.1636756	0.166779	0.639471	-1.56379	0.2659967	0.703576	-1.42131	0.616872	0.858138	-1.16531	0.275415	0.708816	-1.4108	0.0508071	0.509204	-1.96385	0.702649	0.890175	-1.12337	0.0103193	0.3752351	-2.66499	0.13978	0.617592	-1.61919	0.187183	0.654406	-1.5281	0.43004	2.97681	1.29516	1
cg06089269	ARSj;ARSj	0.1636766	0.1953172	0.8653392	-1.15555	0.3085707	1.09681	1.09681	0.1482139	1.17932	1.17932	0.693212	0.9964569	-1.00354	0.9552435	1.02725	1.02725	0.6736341	1.09058	1.09058	0.6505647	1.29556	1.29556	0.676059	0.9523246	-1.05006	0.0360879	0.754171	-1.32596	2.04342	0.439039	0.1909083	1
cg03344351	CTDP1;CTDP1	0.1636767	0.862352	1.08141	1.08141	0.787603	1.12951	1.12951	0.139512	2.04852	2.04852	0.356258	1.53368	1.53368	0.1566256	0.5105	-1.95886	0.6688814	0.399254	-2.50467	0.104123	0.4448739	-2.22847	0.246424	0.5788091	-1.72744	0.143669	0.492349	-2.03108	2.04297	6.58074	2.86326	1
cg05866713	MBTPS1;MBTPS1	0.1636773	0.882314	1.08141	1.08141	0.787603	1.12951	1.12951	0.139512	2.04852	2.04852	0.356258	1.53368	1.53368	0.1566256	0.5105	-1.95886	0.2919317	0.7676	1.30271	0.0105953	0.2978383	3.3582	0.2567676	0.6284005	1.59095	0.5242209	0.1484	1.90421	1.64888	1.64888	0.24301	1.4248	0.5863	1
cg25730555	GRAMD4	0.1636373	0.332072	0.79796	-1.25319	0.0260428	1.81435	1.81435	0.12604	1.4526	1.4526	0.410849	1.20886	1.20886	0.347748	1.24365	1.24365	0.0574856	1.62347	1.62347	0.511571	1.16202	1.16202	0.197302	1.35989	1.35989	0.11119	1.47901	1.47901	0.24293	0.6459146	0.716167	1
cg19925872	ZNF710	0.1636374	0.4088828	0.755538	-1.32356	0.162527	1.64012	1.64012	0.314576	1.41213	1.41213	0.473266	1.27385	1.27385	0.587504	0.831012	-1.20335	0.124359	1.73698	1.73698	0.124292	0.575646	-1.73718	0.0473788	0.471062	-2.12286	0.940914	1.0249	1.0249	0.24293	3.56279	1.55019	1
cg04932544	SYT14;SYT14;SYT14;SYT14;SYT14;SYT14	0.1636776	0.955431	1.02913	1.02913	0.672967	0.803895	-1.24394	0.168435	2.14125	2.14125	0.730457	1.19455	1.19455	0.349374	1.64393	1.64393	0.0649854	0.338226	-2.9566	0.867873	1.08831	1.08831	0.0445	0.298871	-3.34593	0.101132	0.392434	-2.5482	2.14237	8.76615	3.18251	1
cg21565309	RPP21	0.1636499	0.2364991	0.8653392	-1.15555	0.3085707	1.09681	1.09681	0.1482139	1.17932	1.17932	0.693212	0.9964569	-1.00354	0.9552435	1.02725	1.02725	0.6736341	1.09058	1.09058	0.6505647	1.29556	1.29556	0.676059	0.9523246	-1.05006	0.0360879	0.754171	-1.32596	2.04342	0.439039	0.1909083	1
cg08494812	TAF1B	0.1636778	0.373506	1.263186	1.263186	0.00552594	2.54107	2.54107	0.24232	1.36745	1.36745	0.829088	0.9462113	-1.05684	0.762721	0.925485	-1.08051	0.428118	0.813104	-1.22985	0.87709	0.961192	-1.04037	0.8189081	0.943061	-1.06038	0.697773	1.14095	1.10495	0.24291	2.11615	0.920758	1
cg17575299	FAM178A;FAM178A;FAM178A;FAM178	0.1636779	0.758149	1.05301	1.05301	0.424472	0.872473	-1.14617	0.141226	0.767488	-1.30295	0.75828	0.949683	-1.05298	0.303421	0.836708	-1.19516	0.783877	0.955059	-1.04706	0.338914	0.8480808	-1.17923	0.00837528	0.569273	-1.75663	0.268156	1.21277	1.21277	0.2429	0.9050771	0.393807	1
cg13784761	C14orf102;C14orf102	0.1636781	0.0253176	0.6336711	-1.57811	0.679299	1.07394	1.07394	0.999543	0.999902	-1.0001	0.654592	1.08031	1.08031	0.251924	0.814356	-1.22796	0.17287	0.779669	-1.2826	0.081284	1.39317	1.39317	0.462609	1.13689	1.13689	0.561167	1.10607	1.10607	0.24287	0.9525511	0.414454	1
cg00603871	SPATA13;SPATA13	0.1636787	0.0493124	0.4990221	-2.00393	7	0.0386793	-2.00393	7	0.107912	-1.10239	0.573934	0.90192	-1.14186	0.1840338	1.08039	1.16257	0.2613466	0.648084	-1.54154	0.0154568	0.6486358	0.6954	7	7	0.8280227	0.938799	-1.06519	0.27059	2.1549	1.18634	1
cg12275687	EIF2S3	0.1636788	0.8953993	1.06082	1.06082	0.0079565	0.215261	-4.64551	0.642474	1.23497	1.23497	0.412304	0.6849662	-1.45993	0.606488	0.790931	-1.26433	0.178867	1.90532	1.90532	0.421137	0.690006	-1.44915	0.6038882	1.26652	1.26652	0.693422	1.19585	1.19585	0.24284	6.59285	2.86871	1
cg07194142	PTPN92;PTPN2;PTPRN2	0.1636791	0.400849	0.772422	-1.29463	0.3232274	0.971487	-1.02935	0.357799	1.32824	1.32824	0.545601	1.4832209	-1.20162	0.3991787	0.771681	-1.29587	0.6563551	1.01461	1.01461	0.237656	0.4486	2.22972	0.0722042	0.8801316	-1.34795	0.0340046	0.475632	-2.10246	2.04282	2.91743	1.22945	1
cg16944926	BRD2;BRD2	0.1636792	0.371262	0.844841	-1.18365	0.7095777	1.07112	1.07112	0.0149901	1.73194	1.73194	0.570145	0.899972	-1.11115	0.266312	0.8088388	1.23703	0.595648	0.906321	-1.10336	0.172363	0.7658861	-1.30572	0.942688	1.01245	1.01245	0.9180027	0.975379	-1.28969	0.24282	1.09124	0.474831	1
cg02670545	TAP2;TAP2	0.1636794	0.661162	1.19377	1.19377	0.4826552	1.33179	1.33179	0.573838	0.79597	-1.25633	0.0474512	0.4022299	-2.48572	0.995179	1.00243	1.00243	0.0581981	0.423111	-2.36233	0.0483797	0.4042472	-2.47374	0.381525	1.41392	1.41392	0.687248	1.17647	1.17647	0.24281	5.21705	2.2701	1
cg03845289	BARX2	0.1636798	0.0585204	0.616375	-1.62239	0.1803176	0.376125	-2.65869	0.0368216	0.4424993	-2.25992	0.742948	1.11699	1.11699	0.0592554	0.6872	0.4482	0.9405026	0.975226	-1.0254	0.425033	0.7604119	-1.31506	0.719463	0.8853803	-1.12892	0.8852243	0.952608	-1.04975	0.2435	3.65822	1.59126	1
cg04410073	PRSS23;PRSS23	0.1636799	0.297531	0.447756	-2.23336	0.614001	0.686359	-1.45696	0.833267	0.854815	-1.16984	0.015588	0.103994	-9.65308	7	7	7	0.928015	1.04504	1.04504	0.0214124	0.8288638	1.2068	0.8241152	1.11462	1.11462	0.0412559	0.6646	-1.50453	0.24273	7.69149	3.34486	1
cg26988175	NXN	0.1636801	0.9613441	1.03538	1.03538	0.6744258	0.854581	-1.17063	0.2064861	0.817763	-1.22127	0.616171	1.27945	1.27945	0.00496666	0.162548	-6.15203	0.9282015	1.04504	1.04504	0.0214124	0.8288638	1.2068	0.8241152	1.11462	1.11462	0.0412559	0.6646	-1.50453	0.24273	7.69149	3.34486	1
cg02337836	GSTM2;GSTM2	0.1636805	0.652981	0.897473	-1.11424	0.354041	1.25595	1.25595	0.0129905	2.0891	2.0891	0.610584	0.884488	-1.1306	0.291537	0.769835	-1.29898	0.965546	1.01038	1.01038	0.164662	0.701653	-1.42521	0.383298	0.807612	-1.23822	0.472807	0.839858	1.19068	0.24274	1.84806	0.804176	1
cg01178924	LMO7;LMO7	0.1636807	0.023618	0.3115661	-3.20994	0.484188	0.73582	-1.35903	0.881368	1.06656	1.06656	0.0579672	0.39661	-2.52137	0.0489712	0.379084	-2.63794	0.300884	0.629679	-1.58811	0.0958287	0.4541653	-2.20185	0.714969	0.853627	-1.17147	0.205355	0.56184	-1.77987	0.24272	6.02367	2.6212	1
cg00939612	C17orf103	0.1636812	0.0874174	0.5100	-1.96078	0.2154265	0.421088	-2.37451	0.0221	0.4284	-2.33455	0.0184598	0.3551636	1.14195	-1.34917	0.107772	-2.72972	0.2552	0.4583	-2.18216	0.0135361	0.1942	5.15009	0.0012	0.0002	4.99756	0.0000	-1.31561	0.48417	2.25102	1.25102	0.2429	1.2104	0.3905	1
cg11482099	PAX6;PAX6;PAX6	0.1636816	0.0560439	0.539218	-1.85454	0.212967	1.45401	1.45401	0.681559	0.88892	-1.12496	0.863949	0.952234	-1.05016	0.12133	0.61057	-1.63781	0.285412	0.728592	-1.37251	0.210243	0.6860552	-1.45761	0.0266041	0.47238	-2.11694	0.797572	0.920273	-1.07611	0.24267	2.6349	1.1466	1
cg19776512	POU3F4	0.1636817	0.062735	0.6461468	-1.54753	0.1482198	0.10363	-3.16363	0.0115294	0.14472	0.844251	0.104237	0.1447512	-6.90911	0.0139382	0.0750161	-4.13225	0.1352988	0.734008	-1.36238	0.0708753	0.1443858	6.92571	0.0001	0.0001	10.0000	0.0000	-1.58581	0.24266	14.0708	4.6123206	1
cg02810692	LRTM1;CACNA2D3	0.1636818	0.18478	0.596705	-1.67587	0.8103347	0.915528	-1.09227	0.0687604	0.473425	-2.11227	0.303905	0.674718	-1.4821	0.023445	0.370173	-2.70144	0.3309758	1.43502	1.43502	0.273949	1.51877	1.51877	0.644659	0.843262	-1.18587	0.342578	0.68841	1.43182	0.24266	4.35948	1.89708	1
cg16924337	RGS

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. 1117)	Fold-Change(1127 vs. 1117)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg05563490	KIAA1549;KIAA1549		0.9093	1.0638	1.0638	0.0453064	3.48251	1.06283972	0.63168	0.631819	0.05727	0.352567	1.67766	1.67766	0.3722666	1.64126	1.64126	0.920258	1.05565	1.05565	0.981528	1.0126	1.0126	0.723784	1.21158	1.21158	2.04184	9.46037	4.11846	1
cg17455155	PRDM16;PRDM16		0.163963	0.832554	0.913394	-1.09482	0.0859714	0.444045	-2.25203	0.899654	0.947454	-1.05546	0.660008	1.20853	1.208953	0.971987	0.55869	-1.7899	0.740781	1.15263	1.15263	0.0157528	0.387847	-2.57834	0.072653	0.424491	-2.35576	0.143755	1.9583	1.9583	0.041777	5.9198	2.5772	1
cg02705752	MIR1237;RPS6KA4;RPS6KA4		0.163964	0.623542	1.22937	1.22937	0.5633372	1.27616	1.27616	0.117981	2.0311	2.0311	0.303198	1.56074	1.56074	0.0132759	0.277799	-3.59973	0.833826	0.916042	-1.09165	0.43162	0.7151515	-1.39798	0.380829	1.45531	1.45531	0.7977939	1.113315	1.113315	0.041777	5.634432	2.45291	1
cg07920434	NVL;NVL		0.163966	0.0759655	0.689562	-1.4502	0.4924035	0.877039	-1.14074	0.0478912	0.6533831	-1.53068	0.0450574	0.668663	-1.54163	0.193301	0.7717747	-1.29576	0.965285	1.00823	1.00823	0.412079	0.8539977	-1.17099	0.109346	0.7139915	-1.38901	0.359453	1.19404	1.19404	0.041776	1.14556	0.4087254	1
cg00014118	KIAA1751		0.163968	0.0882981	0.5111585	-1.95624	0.69954	0.870775	-1.1484	0.959754	0.982156	-1.01837	0.931635	0.96985	-1.03109	0.1406043	0.568076	-1.76033	0.290341	0.676012	-1.47926	0.0183664	0.425511	-2.35011	0.0158436	0.348386	-2.87038	0.395443	0.733061	-1.36414	0.041774	4.11669	1.79223	1
cg02893180	ADM2		0.163973	0.535634	2.68622	2.68622	0.2526276	0.152266	-6.56266	0.0667497	25.4814	25.4814	0.232246	7.19568	7.19568	0.0784995	0.6840231	-1.27282	0.13356	0.078154	-12.7953	0.296605	0.181822	-5.4999	0.549632	2.59513	2.59513	0.8864432	1.25247	1.25247	0.04171	80.2415	34.9343	1
cg24012465	PCGF3		0.163974	0.80073	0.94018	-1.06363	0.0199585	2.14865	2.14865	0.0781135	1.61188	1.61188	0.69139	1.10221	1.10221	0.891026	1.034	1.034	0.32606	1.28057	1.28057	0.0466118	1.74324	1.74324	0.47275	1.19497	1.19497	0.782072	1.06997	1.06997	0.04171	1.92349	0.8374424	1
cg02059237	BTBD11;BTBD11		0.163976	0.161017	0.769997	-1.29871	0.31972	0.175105	-1.33137	0.544997	0.6546675	-1.5275	0.491829	1.22145	1.22145	0.675275	0.889344	-1.12442	0.597067	0.862606	-1.16008	0.4991366	0.824728	-1.21252	0.0095207	0.400857	-2.49465	0.0616386	0.556582	-1.79668	0.0417	2.50533	1.09074	1
cg00313706	GNB4		0.163976	0.563668	1.09751	1.09751	0.545641	0.900008	-1.1111	0.764446	1.04907	1.04907	0.315949	0.847669	-1.17971	0.962112	1.00076	1.00076	0.399432	1.1474	1.1474	0.783668	0.857622	-1.04425	0.276056	0.834769	-1.19796	0.00769088	1.72619	1.72619	0.0417	0.821554	0.357678	1
cg09523275	NKAPL		0.163977	0.0214332	11.3993	11.3993	0.136841	4.10066	4.10066	0.250394	2.87947	2.87947	0.586127	1.62271	1.62271	0.698096	0.709475	-1.40949	0.632826	0.654534	-1.5278	0.0518077	0.71935	0.71935	0.420462	2.06421	2.06421	0.0982542	4.4374	4.4374	0.04169	25.0723	10.9157	1
cg06582752	KCNH1;KCNH1		0.163977	0.2536649	0.805408	-1.24128	0.1438686	1.13177	1.13177	0.176342	1.08256	1.08256	0.310469	1.15891	1.15891	0.363327	1.1403	1.1403	0.483935	0.904861	-1.10514	0.0569179	0.7314485	-1.36708	0.0481214	1.1736	1.1736	0.48398	1.10512	1.10512	0.04169	0.838953	0.278024	1
cg23732845	AIM1L		0.163978	0.0852112	5.10162	5.10162	0.0806877	0.96319	-1.03819	0.942214	1.41556	1.41556	0.717671	1.3647	1.3647	0.256626	2.75636	2.75636	0.929813	0.927337	-1.07836	0.012622	14.232	14.232	0.219725	0.31947	3.19747	0.234846	2.90451	2.90451	0.041768	23.7111	10.3231	1
cg17318645	GSTZ1;PDMT2;GSTZ1;GSTZ1		0.163982	0.0298045	1.56258	1.56258	0.8320277	1.10778	1.10778	0.33129	1.19134	1.19134	0.413795	1.07623	1.07623	0.864223	-1.15751	0.429153	1.15134	1.1514	1.1514	0.0115153	1.127173	1.13353	0.113353	0.483542	0.8805057	-1.11243	0.0115153	1.55546	1.55546	0.0809306	1.04013	1.04013	0.04166	0.98648	0.429489	1
cg26852242	PLEKHG1		0.163982	0.28049	1.49939	1.49939	0.3260774	0.693424	-1.44212	0.4656666	1.30664	1.30664	0.0380027	2.38348	2.38348	0.206173	1.61847	1.61847	0.111257	1.87087	1.87087	0.0248269	2.62352	2.62352	0.662239	1.172	1.172	0.711695	1.14344	1.14344	0.04166	4.2157	1.83542	1
cg10331234	CMIP;CMIP		0.163983	0.346758	0.7880666	-1.26893	0.328006	0.780208	-1.28171	0.401186	1.47716	1.47716	0.0821682	1.60544	1.60544	0.0836344	6.605912	6.65041	0.895148	1.03294	1.03294	0.63884	1.142122	1.47727	0.0172427	0.483836	0.8393532	0.197816	0.835622	1.19114	0.24165	1.95397	0.850715	1
cg21158476	LOC389332		0.163983	0.373832	0.85578	0.85578	0.16716	0.959006	-1.04278	0.9885986	-1.01012	0.183696	1.30888	1.32088	1.322767	0.804881	1.24227	0.986828	0.9972036	-1.0028	0.983696	1.00349	1.00349	0.0847596	0.724126	-1.38098	0.176581	0.794077	-1.27539	0.0235542	0.632606	-1.58076	0.24165	0.927102	0.403639	1
cg21827969	SRD5A3		0.163983	0.242748	0.8134402	-1.2294	0.8830392	1.38297	1.38297	0.780738	1.04827	1.04827	0.989286	1.00227	1.00227	0.725145	1.06145	1.06145	0.471675	1.13167	1.13167	0.0427391	0.67431	-1.483	0.123072	0.754095	-1.32609	0.181676	0.787	-1.27065	0.041665	0.922934	0.401825	1
cg25505106	FBN1		0.163984	0.879788	0.931982	-1.07288	0.00989078	0.219356	-4.55879	0.17785	0.51353	-1.94731	0.614569	1.26677	1.26677	0.809265	1.11913	1.11913	0.363813	0.647668	-1.544	0.3719944	0.6526757	-1.53215	0.227349	0.587552	-1.70198	0.251964	1.74547	1.74547	0.04165	7.00519	3.04991	1
cg26143752	ZNF512		0.163988	0.946318	0.9815681	-1.01863	0.04902223	0.579087	-1.72686	0.229393	0.755951	-1.35879	0.354902	1.26068	1.26068	0.699377	0.909785	-1.09892	0.98866	1.00346	1.00346	0.0177913	0.493736	-2.02538	0.136902	0.677396	-1.47624	0.798872	0.939818	1.06404	0.04162	1.91074	0.831907	1
cg22796458	UBQLN4		0.163992	0.110307	0.707094	-1.41424	0.0498888	1.56113	1.56113	0.309148	1.23321	1.23321	0.300749	0.80771	-1.23807	0.226105	0.776156	-1.28807	0.989852	0.99747	-1.00254	0.15664	0.739529	-1.35221	0.257299	1.26548	1.26548	0.953257	1.01174	1.01174	0.0416	1.28252	0.558394	1
cg10486239	PANX4		0.163995	0.0460886	0.320546	-3.11968	0.5968814	1.30443	1.30443	0.7045405	0.8684842	-1.01254	0.533778	1.36956	1.36956	0.116863	0.428271	-2.33497	0.0228741	0.257973	-3.87788	0.268747	0.563625	-1.77421	0.768941	1.13793	1.11793	0.816706	1.12251	1.12251	0.04158	8.01168	3.48823	1
cg16931969	ANK2;ANK2;ANK2		0.163996	0.108638	0.4143301	-2.4137	0.0682725	0.27953	-3.7953	0.148507	2.18223	2.18223	0.86261	0.916478	-1.09113	0.0883937	0.38804	-2.57705	0.411525	0.655196	-1.52626	0.7199915	1.19878	1.19878	0.261392	1.80356	0.716171	0.832051	1.20185	1.20185	0.04157	8.19828	3.56949	1
cg14556808	SNX13		0.163999	0.792731	1.08242	1.08242	0.1738096	0.519773	-1.92433	0.2755798	0.6672443	0.66724	0.331321	0.762417	0.762417	0.0906006	1.310575	1.310575	0.879694	1.12604	1.12604	0.0948408	1.2602	1.2602	0.794498	1.26024	1.26024	0.0982542	1.58752	1.58752	0.70145	0.882414	1.133961	0.74253	1
cg09815377	TRIM39;TRIM39		0.164004	0.284802	0.690581	-1.44806	0.397457	0.749227	-1.33471	0.359214	0.730417	-1.36908	0.296321	0.697093	-1.43453	0.905074	0.9610626	1.04055	0.0100515	0.33872	-2.95229	0.640843	1.16948	1.16948	0.762038	0.903753	-1.1065	0.149661	1.67319	1.67319	0.04152	3.59021	1.5632	1
cg23319790	MIR5190;MIR517A		0.164005	0.137205	1.25441	1.25441	0.1919654	0.670066	-1.49239	0.0803665	0.766021	-1.30545	0.668355	1.06292	1.06292	0.5129	1.0129	1.0129	0.502249	1.10122	1.10122	0.626115	1.07199	1.07199	0.375139	0.879675	-1.13678	0.753343	0.956348	-1.04564	0.04152	0.648201	0.282231	1
cg08929113	AHSG		0.164007	0.138705	0.6922	0.6922	0.1599106	0.789008	-1.26782	0.0704563	1.57602	1.57602	0.0167462	-10.3195	10.3195	0.0167462	-1.57602	0.147204	0.794868	1.25808	1.25808	0.0350994	0.793837	-1.25964	0.0350994	0.793837	-1.25964	0.0350994	0.793837	-1.25964	0.04152	1.26006	0.4962	1
cg14693487	CEP164		0.164009	0.640188	1.13329	1.13329	0.271841	0.35529	-2.81555	0.337747	1.30039	1.30039	0.677305	1.11765	1.11765	0.341112	0.770491	-1.29787	0.008031	2.46614	2.46614	0.610071	1.14648	1.14648	0.380987	1.34693	1.34693	0.102331	1.60828	1.60828	0.04149	2.28401	0.994483	1
cg24288890	GAUN9		0.164010	0.691206	0.8142998	-1.22811	0.0329868	0.31716	-3.1536	0.2678191	0.79037	1.79037	0.0893838	1.98945	1.98945	0.0110592	0.860828	1.160937	0.497881	0.695894	-1.4377	0.0183936	0.220805	-4.52889	0.0307264	0.499116	-2.00316	0.0494709	0.753215	-1.32764	0.04149	8.97494	3.9078	1
cg21356851	TMCO3		0.164011	0.169634	0.444092	-2.25179	0.393445	0.615679	-1.62422	0.806073	0.872431	-1.14622	0.564104	1.38205	1.38205	0.0708558	0.157061	-6.36696	0.264277	0.315526	-3.16931	0.562719	0.722748	-1.38361	0.335025	0.576015	-1.73607	0.949021	0.965145	-1.03611	0.04148	0.953468	0.433397	1
cg21376288	UTS2D		0.164014	0.716513	1.14103	1.14103	0.559111	0.806144	-1.24047	0.911512	0.960581	-1.04104	0.0483773	0.442201	-2.26141	0.630222	1.19182	1.19182	0.291104	1.48635	1.48635	0.245648	0.644492	-1.55161	0.0244693	0.379209	-2.63707	0.173229	0.591987	-1.68923	0.04146	4.23156	1.8425	1
cg18876189	FGB		0.164018	0.1945821	0.7566237	-1.32156	0.2508728	1.30552	1.30552	0.1802838	1.54645	1.54645	0.0859993	-1.4368	0.6877496	0.3642888	-1.35551	0.160128	0.536841	-1.8625	0.1123303	0.550807	0.7435	-1.34518	0.0167329	0.222624	-4.58797	-1.70103	0.63532	0.820347	2.2119	0.452643	0.241879	1
cg19153366	TAF1S;TAF1S		0.164021	0.305917	0.426668	-2.34374	0.0303676	0.72934	-1.72934	0.108361	0.48513	-2.06131	0.866061	0.873161	-1.14526	0.70785	0.398106	-2.51189	0.360314	0.46971	-2.12897	0.232523	0.569269	-2.73449	0.728456	0.755751	-1.32319	0.310113	0.430038	-2.32537	0.04142	0.289702	0.98862	1
cg13701240	CHD6		0.164023	0.792731	1.08242	1.08242	0.1738096	0.519773	-1.92433	0.2755798	0.6672443	0.66724	0.331321	0.762417	0.762417	0.0906006	1.310575	1.310575	0.879694	1.12604	1.12604	0.0948408	1.2602	1.2602	0.794498	1.26024	1.26024	0.0982542	1.58752	1.58752	0.70145	0.882414	1.133961	0.74253	1
cg26033908	SKI		0.164025	0.0298122	0.702186	-1.42413	0.3212253	1.15224	1.15224	0.270562	1.17191	1.17191	0.56436	0.922583	-1.08391	0.241206	0.8439955	1.1849	0.972311	1.00481	1.00481	0.120344	1.26238	1.26238	0.620112	0.933234	-1.07154	0.215148	1.19773	1.19773	0.0414	0.61827	0.269214	1
cg20584679	VARS2;VARS2;VARS2		0.164026	0.34368	0.848378	-1.17872	0.0228889	0.631988	-1.58231	0.138594	0.76433	-1.30834	0.93697	1.01342	1.01342	0.566788	0.907015	-1.10252	0.452213	1.1378	1.1378	0.066872	1.41381	1.41381	0.537949	0.944971	-1.05823	0.769911	0.949856	-1.05279	0.04139	0.918663	0.400016	1
cg15030712	CHN2		0.164029	0.21473	0.6931	0.6931	0.1683133	0.743233	-1.34543	0.1006302	1.44833	1.44833	0.0654903	1.57002	1.57002	0.262665	1.38535	1.38535	0.708939	1.08893	1.08893	0.3156457	1.06031	1.06031	0.259332	0.902003	1.13485	1.13485	0.5304006	0.70798	-1.41247	0.04137	0.545477	0.192453	1
cg19314882	DSCAML1		0.16403	0.531811	0.849308	-1.17743	0.538442	0.811384	-1.17416	0.17416	0.0230488	0.496114	-2.01567	0.934408	1.02146	1.02146	0.131957	0.657488	-1.52094	0.260782	0.738981	-1.35321	0.49263	1.19688	1.19688	0.0993295	1.59192	1.59192	0.871201	1.04274	1.04274	0.04137	2.15039	0.936361	1
cg26283185	TBC1D9;TBCEL		0.164032	0.0402	0.231146	-4.32431	0.0299004	0.00001	-18.6378	0.0078202	0.642559	-2.03021	0.250581	1.53269	1.53269	0.0178373	2.12479	2.12479	0.904868	1.0441	1.0441	0.58796	1.2477	1.2477	0.0196494	1.4437	1.4437	0.0183936	2.02805	2.02805	0.53269	-1.87754	0.24135	0.4903	1.78858	1
cg17507746	UBE2QP1		0.164036	0.246947	0.841784	-1.18795	0.582944	0.776305	-1.35582	0.241687	0.84001	-1.19046	0.552746	1.08919	1.08919	0.0130452	0.872896	-1.14561	0.347881	0.815736	-1.1474	0.112106	1.27905	1.27905	0.36597	0.87622	-1.14127	0.134877	1.25773	1.25773	0.04133	0.654333	0.284927	1
cg15189797	MARK2;MARK2;MARK2;MARK2		0.164036	0.0317885	1.29977	1.29977	0.101076	1.20917	1.20917	0.564314	1.06358	1.06358	0.358341	1.10508	1.10508	0.341774	1.10918	1.10918	0.0459016	1.27385	1.27385	0.810754	1.0257	1.0257	0.772225	0.969765	-1.03118	0.19769	0.86586	-1.15492	0.04133	0.361756	0.157525	1
cg21744887	TGS1		0.164038	0.2774887	0.7538	0.7538	0.1706364	0.732511	-1.36551	0.1753638	0.8628208	0.628208	-1.59183	0.549669	1.22376	1.22376	0.893798	0.956422	-1.04556	0.719357	0.7483098	0.2300157	0.7933	-1.26116	0.0183936	0.222605	-4.49038	0.594077	0.753215	-1.32764	0.04149	8.97494	3.9078	1
cg21482594	SOCS5;SOCS5		0.164039	0.911475	1.03777	1.03777	0.460612	1.2846	1.2846	0.178453	0.786386	-1.27164	0.101117	0.549602	1.8195	0.0060852	0.302468	3.30613	0.733656	0.892375	-1.12061	0.642895	0.855842	-1.16844	0.829557	0.930647	-1.07452	0.375299	0.738324	-1.35442	0.04131	1.59361	1.56484	1
cg08944080	CRABP2		0.164041	0.3015324	1.1564	1.1564	0.3483133	0.760307	-1.31532	0.1900463	1.17002	1.17002	0.0124665	-1.36503	1.36503	0.0124665	1.17002	1.17002	0.0611624	1.42066	1.42066	0.185471	1.38024	1.38024	0.0505272	1.73017	1.73017	0.0194393	1.40174	1.40174	0.04131	0.0001	0.000072	1
cg22450923	DUSP7		0.164041	0.176371	0.79122	-1.26387	0.72128	0.943308	-1.0601	0.609625	1.08752	1.08752	0.0315662	0.663161	-1.50793	0.212309	0.807318	1.23867	0.117004	0.757727	-1.31974	0.164545	0.7853664	-1.27329	0.506945	1.11594	1.11594	0.219164	1.23434	1.23434	0.0413	0.858175	0.373695	1
cg20132918	CUBN		0.164043	0.2770563	0.697744	-1.4332	0.0144509	0.648882	-1.53512	0.1836026	0.8262308	0.626308	-1.59183	0.549669	1.22376	1.22376	0.893798	0.956422	-1.04556	0.619755	0.846319	-1.18159	0.1134467	0.78144	0.6597657	1.51601	1.51601	0.784827	0.90082	1.09082	0.0413	0.956753	1.56655	1
cg20352968	KANK2		0.164045	0.7973565	1.09526	1.09526	0.5481309	1.31837	1.31837	0.1934714	1.24112	1.24112	0.0132093	1.08947	1.08947	0.0743545	1.46117	1.46117	0.280237	1.23934	1.23934	0.1614	1.08947	1.08947	0.0743545	1.46117	1.46117	0.0194393	1.40174	1.40174	0.04131	0.0001	0.000072	1
cg23508627	TBL1X;TBL1X;TBL1X		0.164043	0.0755487	1.3621	1.3621	0.119721	1.30175	1.30175	0.663863	1.07069	1.07069	0.840067	1.03207	1.03207	0.0655676	0.724102	-1.38102	0.152463	0.787087	-1.27051	0.251478	0.829318	-1.20581	0.722653	0.945854	-1.05725	0.554049	1.09801	1.09801	0.04128	0.788879	0.343522	1
cg26357549	COL16A1		0.164051	0.2705063	0.69784	-1.43301	0.1233108	0.520056	-1.92358	0.1745386	0.8408307	0.630883	-1.5868	0.557813	1.23266	1.23266	0.8836	0.952383	-1.05055	0.160128	0.536841	-1.8625	0.1123303	0.550807	0.7435	-1.34518	0.0167329	0.222624	-4.58797	-1.70103	0.63532	0.820347	2.2119	0.452643	0.241879	1
cg19153366	TAF1S;TAF1S		0.164021	0.305917	0.426668	-2.34374	0.0303676	0.72934	-1.72934	0.108361	0.48513	-2.06131	0.866061	0.873161	-1.14526	0.70785	0.398106	-2.51189	0.360314	0.46971	-2.12897	0.232523	0.569269	-2.73449	0.728456	0.755751	-1.32319	0.310113	0.430038	-2.32537	0.04142	0.289702	0.98862	1
cg13701240	CHD6		0.164023	0.792731	1.08242	1.08242	0.1738096	0.519773	-1.92433	0.2755798	0.6672443	0.66724	0.331321	0.762417	0.762417	0.0906006	1.310575	1.310575	0.879694	1.12604	1.12604	0.0948408	1.2602	1.2602	0.794498	1.26024	1.26024	0.0982542	1.58752	1.58752	0.70145	0.882414	1.133961	0.74253	1
cg26033908	SKI		0.164025	0.0298122	0.702186	-1.42413	0.3212253	1.15224	1.15224	0.270562	1.17191	1.17191	0.56436	0.922583	-1.08391	0.241206	0.8439955	1.1849	0.972311	1.00481	1.00481	0.120344	1.26238	1.26238	0.620112	0.933234	-1.07154	0.215148	1.19773	1.19773	0.0414	0.61827	0.269214	1
cg20584679	VARS2;VARS2;VARS2		0.164026	0.34368	0.848378	-1.17872	0.0228889	0.631988	-1.58231	0.138594	0.76433	-1.30834	0.93697	1.01342	1.01342	0.566788	0.907015	-1.10252	0.452213	1.1378	1.1378	0.066872	1.41381	1.41381	0.537949	0.944971	-1.05823	0.769911	0.949856	-1.05279	0.04139	0.918663	0.400016	1
cg15030712	CHN2		0.164029	0.21473	0.6931	0.6931	0.1683133	0.743233	-1.34543	0.1006302	1.44833	1.44833	0.0654903	1.57002	1.57002	0.262665	1.38535	1.38535	0.708939	1.08893	1.08893	0.3156457	1.06031	1.06031	0.259332	0.902003	1.13485	1.13485	0.5304006	0.70798	-1.41247	0.04137	0.545477	0.192453	1
cg19314882	DSCAML1		0.16403	0.531811	0.849308	-1.17743	0.538442	0.811384	-1.17416	0.17416	0.0230488	0.496114	-2.01567	0.934408	1.02146	1.02146	0.131957	0.657488	-1.52094	0.260782	0.738981	-1.35321	0.49263	1.19688	1.19688	0.0993295	1.59192	1.59192	0.871201	1.04274	1.04274	0.04137	2.15039	0.936361	1
cg26283185	TBC1D9;TBCEL		0.164032	0.0402	0.231146	-4.32431	0.0299004	0.00001	-18.6378	0.0078202	0.642559	-2.03021	0.250581	1.53269	1.53269	0.0178373	2.12479	2.12479	0.904868	1.0441	1.0441	0.58796	1.2477	1.2477	0.0196494	1.4437	1.4437	0.0183936	2.02805	2.02805	0.53269	-1.87754	0.24135	0.4903	1.78858	1
cg17507746	UBE2QP1		0.164036	0.246947	0.841784	-1.18795	0.582944	0.776305	-1.35582	0.241687	0.84001	-1.19046	0.552746	1.08919	1.08919	0.0130452	0.872896	-1.14561	0.347881	0.815736	-1.1474	0.112106	1.27905	1.27905	0.36597	0.87622	-1.14127	0.134877	1.25773	1.25773	0.04133	0.654333	0.284927	1
cg15189797	MARK2;MARK2;MARK2;MARK2		0.164036	0.0317885	1.29977	1.29977	0.101076	1.20917	1.20917	0.564314	1.06358	1.06358	0.358341	1.10508	1.10508	0.341774	1.10918	1.10918	0.0459016	1.27385	1.27385	0.810754	1.0257	1.0257	0.772225	0.969765	-1.03118	0.19769	0.86586	-1.15492	0.04133	0.361756	0.157525	1
cg21744887	TGS1		0.164038	0.2774887	0.7538	0.7538	0.1706364	0.732511	-1.36551	0.1753638	0.8628208	0.628208	-1.59183	0.549669	1.22376	1.22376	0.893798	0.956422	-1.04556	0.719357	0.7483098	0.2300157	0.7933	-1.26116	0.0183936	0.222605	-4.49038	0.594077	0.753215	-1.32764	0.04149	8.97494	3.9078	1
cg20132918	CUBN		0.164043	0.7973565	1.09526	1.09526	0.5481309	1.31837	1.31837	0.1934714	1.24112	1.24112	0.0132093	1.08947	1.08947	0.0743545	1.46117	1.46117	0.280237	1.23934	1.23934	0.1614	1.08947	1.08947	0.0743545	1.46117	1.46117	0.0194393	1.40174	1.40174	0.04131	0.0001	0.000072	1
cg23508627	TBL1X;TBL1X;TBL1X		0.164043	0.0755487	1.3621	1.3621	0.119721	1.30175	1.30175	0.663863	1.07069	1.07069	0.840067	1.03207	1.03207	0.0655676	0.724102	-1.38102	0.152463	0.787087	-1.27051	0.251478	0.829318	-1.20581	0.722653	0.945854	-1.05725	0.554049	1.09801	1.09801	0.04128	0.788879	0.343522	1
cg26357549	COL16A1		0.164051	0.2705063	0.69784	-1.43301	0.1233108	0.520056	-1.92358	0.1745386	0.8408307	0.630883	-1.5868	0.557813	1.23266	1.23266	0.8836	0.952383	-1.05055	0.160128	0.536841	-1.8625	0.1123303	0.550807	0.7435	-1.34518	0.0167329	0.222624	-4.58797	-1.70103	0.63532	0.820347	2.2119	0.452643	0.241879	1
cg19153366	TAF1S;TAF1S		0.164021	0.305917	0.426668	-2.34374	0.0303676	0.72934	-1.72934	0.108361	0.48513	-2.06131	0.866061	0.873161	-1.14526	0.70785	0.398106	-2.51189	0.360314	0.46971	-2.12897	0.232

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	Fold-Change(3 vs.1247)	p-value(3477 vs. N)	Fold-Change(3 vs.3477)	p-value(3537 vs. N)	Fold-Change(3 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5377 vs. N)	Fold-Change(5 vs.5637)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg14377596	NAV1;NAV1;NAV1	0.164237	0.266738	1.378537	0.64179	0.990651	1.00989	1.00989	0.102827	1.47435	0.47435	0.637515	0.671361	-1.48903	0.02779941	1.112676	-1.87502	0.912326	0.911679	-1.09688	0.0883105	0.206218	-1.84923	0.741756	0.757583	-1.31999	0.307765	2.42622	-2.42622	2.4041	22.7735	9.9226	1
cg00119181	SNCA;SNCA;SNCA;SNCA	0.164237	0.0162696	0.406727	-2.45865	0.540856	1.20869	1.20869	0.239405	0.685785	-1.45838	0.381653	0.759791	-1.31615	0.293829	0.716501	-1.39567	0.0961788	0.571591	-1.7405	0.394865	0.765828	-1.30578	0.731767	0.900015	-1.11109	0.21323	1.49379	1.49379	2.0401	3.02866	1.31961	1
cg16585770	ILDR1;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.164238	0.637336	1.04813	1.04813	0.460996	1.07713	1.07713	0.0340891	0.782825	-1.27742	0.601341	0.949148	-1.05358	0.477695	0.931024	-1.07409	0.372685	1.09484	1.09484	0.13844	1.17107	1.17107	0.248729	0.887482	-1.12678	0.0894706	0.830796	-1.20367	0.2401	0.316696	0.137587	1
cg13577076	PRKAR1B;PRKAR1B	0.164238	0.643313	0.899159	-1.11215	0.785626	0.939746	-1.06412	0.371466	1.23262	1.23262	0.49299	0.853248	-1.17199	0.741359	0.927281	-1.07842	0.350371	1.24496	1.24496	0.0606933	0.442157	-2.26164	0.320841	0.791517	-1.2634	0.854817	1.04264	1.04264	2.0401	1.67882	0.731476	1
cg16185956	GREB1;GREB1	0.164238	0.6084	0.924209	-1.08201	0.817775	1.03583	1.03583	0.0250705	0.665993	-1.50152	0.756414	0.6486	1.04086	0.370767	1.15047	1.15047	0.678804	1.06557	1.06557	0.0877404	1.33301	1.33301	0.782399	0.958052	-1.04313	0.0899469	0.751567	-1.32984	2.0401	0.751596	0.327477	1
cg19635401	C5orf204;PLN;C5orf204	0.164239	0.0892989	0.422016	-2.36958	0.24764	1.74467	1.74467	0.639356	1.24275	1.24275	0.613354	0.790874	-1.26442	0.0256883	0.295186	-3.3877	0.447485	0.70013	-1.42831	0.36438	0.651039	-1.53601	0.364829	1.53536	1.53536	0.139451	0.480794	-2.07989	2.04009	6.8506	2.98488	1
cg21477907	CALD;NCALD	0.16424	0.967516	0.970702	-1.03018	0.523112	1.60409	1.60409	0.893382	0.906726	-1.10287	0.778385	1.22877	1.22877	0.500041	0.606602	-1.64853	0.00623439	0.074033	-13.5075	?	?	?	?	0.458094	1.73622	1.73622	0.877998	1.1187	1.1187	2.05477	15.4234	7.50614	1
cg00125406	TMEM33	0.164242	0.144167	0.684898	-1.46007	0.779328	0.935156	-1.06934	0.0183681	2.02195	2.02195	0.332654	1.2707	1.2707	0.3106	0.777546	-1.2861	0.662645	0.900569	-1.11041	0.656796	0.898707	-1.11271	0.259023	0.753688	-1.32681	0.410168	1.2234	1.2234	2.13921	1.88784	0.686385	1
cg00745044	HCA2;FAM59A	0.164243	0.647151	0.920957	-1.08583	0.6423588	1.51932	1.51932	0.2133016	0.791107	-1.26405	0.596986	1.10003	1.10003	0.340239	1.19097	1.19097	0.168013	1.3002	1.3002	0.0600126	1.43842	1.43842	0.229261	0.796906	-1.25485	0.969307	1.0069	1.0069	2.04006	1.03144	0.449415	1
cg03268399	PTK2;PTK2	0.164245	0.351859	0.742348	-1.34708	0.520678	1.22441	1.22441	0.853303	0.940065	-1.05925	0.420701	1.29151	1.29151	0.0129367	0.383122	-2.61013	0.251425	0.688931	-1.45152	0.308276	0.720412	-1.3881	0.4879	1.24501	1.24501	0.116211	0.588093	-1.70041	2.04005	3.12444	1.36137	1
cg19133306	CDC42EP4	0.164245	0.0951479	0.794292	-1.25875	0.0929435	0.752583	-1.32876	0.665499	0.9353	-1.06958	0.996624	0.999351	-1.00065	0.158032	1.26124	1.26124	0.627639	0.927593	-1.07838	0.9144408	0.760769	-1.31429	0.302573	0.813125	-1.22982	0.944723	1.27237	1.27237	2.04005	0.744723	0.332897	1
cg00670539	CETN1	0.164263	0.269707	0.709212	-1.41002	0.661423	1.14082	1.14082	0.48899	1.23507	1.23507	0.374366	0.953798	-1.04844	0.163861	1.04178	-1.55914	0.335219	0.742981	-1.34593	0.107284	1.69134	1.69134	0.737148	0.904202	-1.10595	0.0193726	0.429437	-2.32863	2.03995	2.88739	1.25816	1
cg05372647	C1orf112	0.164266	0.839073	0.92901	1.02901	0.788798	0.962946	-1.03848	0.0362697	0.710121	-1.40821	0.836395	1.02951	1.02951	0.0293366	0.696997	-1.43473	0.703997	0.947734	-1.05515	0.131145	1.25762	1.25762	0.867338	1.02379	1.02379	0.299167	0.859565	-1.16338	2.03993	0.638987	0.278436	1
cg08371772	MEGF8;TMEM145	0.164267	0.808087	1.19853	1.19853	0.470643	1.50568	1.50568	0.205564	0.241362	1.95	1.95	1.74499	1.74499	0.125071	1.45784	1.45784	0.564226	0.642509	-1.5562	0.567196	0.567196	0.665965	0.2337796	0.66518	0.65518	0.0134375	0.972939	0.9732.008	2.88174	2.88174	0.20992	163.254	71.1373	1
cg08881871	OBSCN;OBSCN	0.164269	0.785383	1.21024	1.21024	0.56399	0.665146	-1.50343	0.597651	1.45114	1.45114	0.121236	1.23683	1.23683	0.0194651	0.188318	-7.20366	0.240974	0.423949	-2.35878	0.432475	0.571192	-1.75072	0.223828	2.44343	2.44343	0.458932	0.590259	-1.69417	0.20991	15.7898	6.88038	1
cg24178113	PRDM16;PRDM16	0.16427	0.0922914	0.377289	-2.65064	0.662262	1.18307	1.18307	0.285958	0.654508	-1.52787	0.452526	1.34026	1.34026	0.0316197	0.583406	-2.62188	0.336088	0.684279	-1.46139	0.0912854	0.490976	-2.03676	0.8002369	0.907584	-1.10183	0.618957	0.825495	-1.21139	2.0399	4.72609	2.6597	1
cg18243357	C1orf51;ERC2	0.164274	0.2009952	1.115159	1.115159	0.415884	1.812089	-1.21139	0.1931251	1.44161	1.44161	0.966556	1.010055	1.010055	0.0294663	0.527368	-1.89509	0.297468	0.763104	-1.31044	0.82102	0.944859	-1.05836	0.1249966	0.657898	-1.51546	0.0590448	1.580457	-1.70507	2.03988	2.02419	0.882051	1
cg18068059	FNDC3B;FNDC3B	0.164276	0.303385	1.37772	1.37772	0.0928254	0.573583	-1.74343	0.12216	0.604366	-1.65463	0.916913	0.96912	-1.03186	0.947993	1.0198	1.0198	0.142805	1.6055	1.6055	0.0770147	1.80585	1.80585	0.246109	1.43995	1.43995	0.502326	0.814934	-1.22709	2.03987	2.91895	1.27196	1
cg24830619	ODF2L;ODF2L	0.164277	0.819773	1.13054	1.13054	0.912756	1.18405	1.18405	0.887732	1.08526	1.08526	0.657102	1.22136	1.22136	0.529534	0.749812	1.31367	0.169144	0.915109	-1.09262	0.0221245	1.41441	1.41441	0.51515	0.784246	-1.34364	0.0451551	2.79739	2.79739	2.03986	6.47186	2.82018	1
cg18284719	AGGALT	0.164278	0.57857	1.40718	1.40718	0.570549	1.417769	1.417769	0.417887	1.65892	1.65892	0.70779	0.795515	-1.25705	0.0146554	0.139016	-7.19342	0.940961	1.04595	1.04595	?	?	?	?	0.15881	2.54985	2.54985	0.581363	1.40356	1.40356	2.28089	11.2954	3.69956	1
cg15825127	GABBD	0.164286	0.206794	0.179433	-2.63553	0.892018	0.905871	-1.10391	0.87174	0.888055	-1.1248	0.425697	0.553193	-1.80769	0.0597717	0.212996	-4.69492	0.29869	0.405567	-2.10936	0.0146426	0.104626	-9.55782	0.0866013	0.252177	-3.96547	0.146256	0.321371	-3.11167	2.03981	17.1142	7.47898	1
cg19978368	C1orf89	0.164289	0.0441404	0.522018	-1.91564	0.540533	0.843061	-1.18615	0.743463	1.09457	1.09457	0.778621	0.925391	-1.08062	0.0965305	0.601	1.66389	0.418579	0.79607	-1.25617	0.0155486	0.430328	-2.32381	0.179843	0.673399	-1.485	0.182645	0.675345	-1.48072	2.1389	2.50828	0.912098	1
cg07737566	GRB10	0.16429	0.856018	1.06894	1.06894	0.0453211	2.32283	2.32283	0.302941	1.47946	1.47946	0.601241	0.824027	-1.21555	0.187543	0.598893	-1.66975	0.37771	0.717323	-1.39407	0.0328828	0.49931	2.00349	0.546487	1.25108	1.25108	0.743864	0.886614	-1.12789	2.03978	4.35256	1.89675	1
cg08529628	PTPN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3	0.164292	0.354626	1.26448	1.26448	0.109334	1.5376	1.5376	0.569146	1.15233	1.15233	0.183993	1.43524	1.43524	0.0216114	1.97336	1.97336	0.744768	0.92266	-1.08382	0.71866	1.09324	1.09324	0.0985522	0.639929	-1.56267	0.81069	1.06092	1.06092	2.03977	1.96166	0.85485	1
cg06216926	ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3	0.164292	0.368654	0.902376	-1.10819	0.0116464	1.42017	1.42017	0.645809	0.94982	-1.05283	0.981477	1.00259	1.00259	0.981964	1.23914	1.23914	0.599513	1.06072	1.06072	0.605205	1.05973	1.05973	0.915696	1.01185	1.01185	0.137158	1.19497	1.19497	2.03977	0.398832	0.174239	1
cg27654945	DDX10	0.164297	0.0342984	0.429168	-2.33009	0.706505	1.13836	1.13836	0.310398	0.69798	-1.43271	0.0535967	0.471948	-2.11688	?	?	?	0.10904	0.54954	-1.8197	0.141131	0.581482	-1.71974	0.402435	0.745616	-1.34117	0.120187	0.561315	-1.78153	2.05441	3.3961	1.6521	1
cg12812760	MFSD5;MFSD5;MFSD5 LOC339524;LOC339524;LOC339524;LOC339524;LOC339524;LOC339524	0.164297	0.6557573	1.14481	1.14481	0.940074	1.77152	-1.22922	0.2511174	1.11837	1.11837	0.644355	0.827707	-1.20795	0.0790175	0.230467	-3.46107	0.688163	1.08549	1.08549	0.2105451	1.98098	1.98098	0.702223	1.42475	1.42475	0.00898307	2.67063	2.67063	2.03974	2.93461	1.27886	1
cg09221932	C3195241;LOC339524	0.164298	0.78635	0.902822	-1.10764	0.0364177	1.49703	1.49703	0.529805	1.27062	1.27062	0.173928	1.7234	1.7234	0.064411	0.457588	-2.18537	0.0860577	2.04157	2.04157	0.089966	1.00474	1.00474	0.977491	1.01067	1.01067	0.920621	0.963188	-1.03822	2.03974	4.57387	1.99323	1
cg07236718	RBPMS;RBPMS;RBPMS;RBPMS	0.1643	0.154199	0.821427	-1.21739	0.363657	1.12795	1.12795	0.57116	1.0766	1.0766	0.101827	0.793765	-1.25982	0.410718	0.897189	-1.11459	0.156033	0.822242	-1.21619	0.3469	0.882572	-1.13305	0.901091	0.984093	-1.01616	0.0447295	1.34604	1.34604	2.03972	0.5373	0.23415	1
cg05474487	CBX3;CBX3;HNRNPA2B1;HNRNPA2B1	0.164301	0.276126	0.363132	-2.75382	0.0957669	5.20754	5.20754	0.264589	2.82935	2.82935	0.231826	3.07337	3.07337	0.301639	2.60213	2.60213	?	?	?	?	?	?	?	0.034743	2.14105	0.0543741	0.138184	-7.23672	0.716784	1.38266	1.38266	2.1524	2.41432	9.52614	1
cg27160007	ITPKC	0.164302	0.535014	0.788304	1.26808	0.0354104	1.80649	1.80649	0.0150508	0.721666	1.38569	1.38569	1.26958	1.26958	0.0158873	1.22166	1.22166	0.508873	1.26958	1.26958	0.0239553	0.622329	1.60655	1.60655	0.0027093	1.03936	0.0126146	1.39536	1.39536	2.03971	0.622329	0.260061	1
cg20229788	FNDC4;GCKR	0.164309	0.758186	1.10374	1.10374	0.468529	0.789981	-1.26585	0.060979	1.96405	1.96405	0.196092	1.548	1.548	0.654529	1.15485	1.15485	0.0705826	1.90771	1.90771	0.122517	0.58572	-1.7073	0.28189	0.699453	-1.42969	0.335731	1.37341	1.37341	2.03966	3.30056	1.43839	1
cg19536664	ALOX12	0.16431	0.306096	1.4296	1.4296	0.0364851	2.27019	2.27019	0.136748	1.71714	1.71714	0.464224	1.38563	1.38563	0.284704	1.54701	1.54701	0.21251	1.57317	1.57317	0.0115353	0.228226	2.80226	2.80226	0.0433033	1.38732	1.38732	0.834772	0.919787	-1.08709	2.03966	2.83472	1.60145	1
cg22037847	POLR1D;LIN52;POLR1D;POLR1D;POLR1D	0.16431	0.4562	0.69726	-1.10788	0.36316	1.13441	1.13441	0.401221	1.12292	1.12292	0.122439	0.83087	-1.19033	0.0231327	1.1463	1.1463	0.627913	0.936193	-1.06816	0.0554307	0.741312	-1.34896	0.212734	1.10384	0.8127886	1.20689	1.20689	2.03966	0.5887 41	0.62675	1
cg12207724	ELF4;ELF4	0.164311	0.137257	0.188524	-5.31537	0.149669	-1.10469	-1.10469	0.0453007	2.25992	2.25992	0.0426964	11.325	11.3325	0.801445	1.50333	1.50333	0.0475302	0.0941701	-10.6151	0.567816	1.82559	1.82559	0.333814	1.82673	1.82673	0.803183	0.77081	-1.29734	2.03965	35.102	15.3976	1
cg04859969	LCN1;1	0.164312	0.0465636	0.622193	0.622193	0.0812669	4.71188	4.71188	0.173626	3.19345	3.19345	0.125856	3.77503	3.77503	0.0751512	4.90036	4.90036	0.283891	2.44223	2.44223	0.137532	3.60662	3.60662	0.891861	0.896644	-1.11527	0.0480486	6.12542	6.12542	2.03965	20.7801	9.05605	1
cg14334041	PHF2	0.164315	0.3168354	1.27152	1.27152	0.4	1.72124	1.72124	0.0703603	0.9163	0.9163	0.0945	0.9163	0.9163	0.0945	0.9163	0.9163	0.182074	0.406405	-2.45984	0.407089	0.671092	-1.49011	0.549414	0.715753	-1.39713	0.135413	0.78067	-1.28065	2.03965	0.78324	0.338	1
cg20719644	FBXL1	0.164316	0.725023	1.12708	1.12708	0.317108	0.704458	-1.41953	0.370087	1.36588	1.36588	0.480204	1.2752	1.2752	0.0139034	0.357218	-2.79941	0.366216	0.730177	-1.36953	0.293582	0.691384	-1.44638	0.807581	1.08617	1.08617	0.0924006	0.533974	-1.87275	2.0396	3.70676	1.61546	1
cg20484122	TCRG1;TCRG1	0.164322	0.166745	0.532264	-1.87912	0.10251	0.465634	-2.14742	0.2303185	0.576247	-1.73537	0.415384	0.709401	-1.40775	0.0504077	0.385232	-2.59584	0.133626	0.505546	-1.99792	0.0243594	0.350516	-2.85418	0.0804799	0.436547	-2.29175	0.254576	0.601179	-1.6634	2.03959	5.9106	2.57505	1
cg16576040	ADCK1;ADCK1	0.164324	0.098164	0.752343	-1.32918	0.122523	1.29976	1.29976	0.992432	0.998256	-1.00149	0.397609	1.14553	1.14553	0.502715	0.808793	1.1126	0.191039	1.24256	1.24256	0.0454754	0.696383	-1.43599	0.506341	1.11157	1.11157	0.679521	1.12284	1.12284	2.03957	0.794875	0.346423	1
cg19092045	MIR1297	0.164325	0.044426	0.405361	-2.46694	0.343845	0.682888	-1.46437	0.33619	0.678485	-1.47387	0.593507	1.23459	1.23459	0.0611045	0.438001	-2.2831	0.18422	1.73495	1.73495	0.318038	0.667843	-1.49736	0.460506	0.745345	-1.34166	0.0878799	0.478639	-2.08926	2.03954	4.9424	2.15404	1
cg18830459	RNF19B;RNF19B	0.164333	0.4688024	0.693475	-1.44183	0.385671	1.05584	1.05584	0.394729	0.722	0.722	0.171837	1.1837	1.1837	0.644355	0.827707	-1.20795	0.534348	0.825267	-1.2171	0.110474	0.586265	-1.69991	0.262641	0.497812	-2.00973	0.0983	0.705883	-1.41709	2.03953	3.00583	1.3104	1
cg23273364	HSPE1;HSPE1;HSPD1;HSPD1	0.164333	0.0970763	1.48851	1.48851	0.211707	1.33292	1.33292	0.414937	1.19964	1.19964	0.775651	0.934628	-1.06994	0.0589216	1.59349	1.59349	0.094302	0.668875	-1.49505	0.434836	0.840257	-1.19011	0.402153	0.829205	-1.20598	0.33905	1.24017	1.24017	2.03952	1.54115	0.671685	1
cg04908096	TANGO11	0.164336	0.994515	1.00072	1.00072	0.996457	1.13662	1.13662	0.633665	0.99151	-1.00096	0.0191363	1.34951	1.34951	0.109984	1.15143	1.15143	0.784217	1.029	1.029	0.179823	1.15993	1.15993	0.0704478	0.811592	-1.23215	0.0954747	1.02576	1.02576	2.0395	0.350263	0.170201	1
cg15908627	AP2A2	0.164341	0.570541	0.665816	-1.50192	0.0254284	0.583912	0.583912	0.0273624	0.41722	0.41722	0.134609	0.71199	-1.40451	0.469851	0.593524	-1.68485	0.158681	0.677539	-1.47593	0.213395	0.936018	-1.06778	0.73332	1.27461	1.27462	0.577204	1.4912	1.4912	2.03948	16.2606	7.08704	1
cg06340118	C10orf9;CD10;CD10	0.164343	0.820111	1.07643	1.07643	0.258268	0.682872	-1.4644	0.388404	0.752038	-1.32972	0.57305	0.831815	-1.20219	0.0394337	2.16069	2.16069	0.468166	1.26959	1.26959	0.0502089	2.05837	2.05837	0.39841	1.32258	1.32258	0.255986	0.681512	-1.46733	2.03946	3.17758	1.4721	1
cg03703553	LPCAT1	0.164345	0.840174	0.94433	-1.05929	0.0772202	1.30262	1.30262	0.80892	0.977337	-1.02349	0.736179	1.36179	1.36179	0.092799	0.602027	-1.66092	0.627877	1.0098	1.0098	0.963205	0.727737	1.37495	1.37495	0.0927996	0.75707	-1.32109	0.410202	0.837955	-1.19383	0.727737	0.620361	1
cg13136596	MSI2;MSI2	0.164349	0.0869284	2.88653	2.88653	0.137996	2.44877	2.44877	0.0376592	3.86518	3.86518	0.130648	2.49755	2.49755	0.785826	0.858361	-1.16501	0.407368	1.6084	1.6084	0.659585	1.28218	1.28218	0.157403	2.33447	2.33447	0.19836	0.466621	-2.14307	2.03942	10.1559	4.42647	1
cg17027260	SHMT3	0.164353	0.309557	1.46679	1.46679	0.0292883	0.283268	-1.53023	0.0181444	2.24439	2.24439	0.40323	0.851812	1.09621	1.09621	0.363737	0.6349491	-1.57454	0.0918	1.01103	1.01103	0.197253	0.511919	-1.95344	0.0137556	0.419845	-2.38064	0.329138	0.609733	-1.64006	2.0394	2.79397	3.33907	1
cg19030682	SLC38A10	0.164354	0.15192	1.19439	-1.5443	0.249233	17.244	17.244	0.346783	2.81169	2.81169	0.662008	1.59897	1.59897	0.16184	1.1626362	1.6.1509	0.928637	0.908844	-1.1003	0.364607	0.323111	-3.09491	0.857278	0.825235	-1.21178	0.340478	0.350566	-2.85253	2.03937	36.775	16.0289	1
cg19393115	DEXI;DEXI	0.164358	0.21205	2.06172	2.06172	0.798591	1.15112	1.15112	0.779552	1.16701	1.16701	0.49792	1.46043	1.46043	0.12806	2.47321	2.47321	0.0865034	2.83553	2.83553	0.0115219	5.17066	5.17066	0.0621055	3.1774	3.1774	0.131805	2.44817	2.44817	2.03936	9.78507	4.26497	1
cg07015803	ALK	0.164359	0.113848	0.652016	-1.53371	0.2879	1.38385	1.38385	0.0709122	1.47598	1.47598	0.362121	1.07597	-1.03937	0.636969	1.14296	1.14296	0.0760121	1.74222	1.74222	0.0255348	2.88137	2.88137	0.0552428	2.21	2.21	0.0552428	0.450836	-2.21811	0.0552428	0.582576	-1.71651	0.332092	0.666128	0.501557	0.870217	1
cg08875078	SELO	0.164362	?	?	?	0.720725	1.30581	1.30581	0.852124	1.14879	1.14879	0.619172	0.689055	-1.45126	0.846283	0.865657	-1.15519	0.0139402	0.104608	-9.55948	0.0976364	0.259006	-3.86091	0.2639	2.37652	2.37652	0.354372	0.492515	-2.0304	2.054	15.9763	7.77812	1
cg10523126	UQCRH;UQCRHL	0.164363	?	?	?	0.263725	0.796085	1.12615	0.635033	0.749326	-1.33453	?	?	?	?	?	?	0.819671	1.0455	1.0455	0.0144743	0.557209	-1.79466	0.0731588	0.935108	-1.06939	0.163212	0.832859	-1.20068	2.03913	0.609525	0.534525	1
cg07812819	GTPBP10;GTPBP10	0.164367	0.0362955	2.39053	2.39053	0.761257	1.11528	1.11528	0.364511	0.716317	-1.39603	0.217391	0.628354	-1.59146	0.969289	1.01388	1.01388	0.04863 67	2.23984	2.23984	0.563836	1.23234	1.23234	0.259078	0.656012	-1.52436	0.429186	1.33504	1.33504	0.09331	0.14056	1.80477	1
cg08853494	RCHY1;THAP6;THAP6;RCHY1;RCHY1 HNRNPL;HNRNPL;HNRNPL;HNRNPL;HNRNPL;H	0.164369	?	?	?	0.715995	0.930523	-1.07466	0.70229	0.927085	-1.07865	?	?	?	?	?	?	0.228883	0.77445	-1.29124	?	?	?	?	0.496905	-2.01246	0.591614	0.898443	-1.11304	0.30435	0.807395	-1.23855	2.52314	0.944269	0.31187	1
cg04604276	NRNP;HNRNPH;HNRNPR;HNRNPR	0.16437	0.298761	0.404325	-2.47326	0.372417	2.15719	2.15719	0.367594	2.17511	2.17511	0.0708404	0.179544	-5.56966	0.106796	0.224793	-4.44854	?	?	?	0.202187	3.11252	3.11252	0.21952	0.336887	-2.96836	0.408479	2.03272	2.03272	2.15192	20.7361	8.43159	1
cg14783646	FOXI1	0.16437	0.1220312	0.742702	-1.34677	0.140146	0.745074	0.745074	0.134553	0.744769	0.10735	0.0132427	0.10735	0.10735	0.0132427	0.744769	0.10735	0.0573485	1.13118	1.13118	0.0617729	0.526742	-1.89846	0.0644799	0.526742	-1.89846	0.0644799	0.526742	-1.89846	0.0644799	1.1908	1.1908	0.483141	0.856888	-1.16701	0.429219	0.15677	-6.661133	1
cg04162566	NEK7	0.164372	0.855591	0.935217	-1.06927	0.0774312	0.281904	-3.54731	0.0631056	0.463687	-2.15663	0.541391	0.796688	-1.2552	0.84291	1.07567	1.07567	0.976956	0.989437	-1.01068	0.379408	0.717831	-1.39308	0.218395	0.621285	-1.60957	0.840253	1.07702	1.07702	2.03928	2.36557	1.90287	1
cg24897291	MAP3K5	0.164372	0.134413	0.358268	-2.79121	0.724493	1.25238	1.25238	0.599973	1.40008	1.40008	0.0350734	0.209821	-4.76596	0.440324	0.606255	-1.64947	0.230375	0.44923	-2.22603	0.0292165	0.195157	-5.12408	0.629654	1.36206	1.36206	0.244426	0.460077	-2.1691	2.03928	31.0631	5.69355	1
cg20615911	TP73;WDR8	0.164376	0.0992914	1.77872	1.77872	0.0339	2.18349	2.18349	0.0240683	1.6511	1.6511	0.0257437	1.93487	1.93487	0.0257437	2.23981	2.23981	0.467062	0.431679	-2.31653	0.171613	0.660949	-1.51428	0.259694	1.37984	1.37984	0.0293401	1.48429	1.48429	2.03926	4.6138	1.8148	1
cg13656752	STK10	0.164377	0.606308	0.691288	-1.44658	0.0520293	0.80578	1.80578	0.169487	2.82757

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06821919	SNRNP2;SNRPB2;SNRPB2	0.164509	0.760628	1.02999	0.122999	1.02240414	0.683	1.3481	0.640287	0.949084	1.051065	0.948388	1.111315	1.111315	0.011252	1.05857	1.05857	0.462338	1.00228	-1.08663	0.157391	0.845453	1.1828	0.932608	1.00944	1.00944	0.051524	1.27568	1.27568	2.03845	0.398034	0.173567	1
cg08868930	HEXB;HEXB	0.164512	0.701434	0.88879	-1.12513	0.849608	0.943559	-1.05982	0.445541	0.788206	-1.2687	0.68054	1.13508	1.13508	0.0260852	2.2435	2.2435	0.130031	0.606228	-1.64954	0.074737	0.547103	-1.82781	0.365519	1.32916	1.32916	0.597844	0.849662	-1.17694	2.03843	3.02388	1.31861	1
cg23928726	PEX10;PEX10	0.164518	0.0913231	0.565151	-1.76944	0.226647	1.48061	1.48061	0.706358	0.889575	-1.12413	0.535958	0.823849	-1.21381	0.746159	0.904463	-1.10563	0.390767	1.3124	1.3124	0.193459	1.53022	1.53022	0.161641	0.629987	-1.58733	0.039945	0.479943	-2.03858	2.03839	3.08555	1.34552	1
cg14128415	AIFM2	0.164519	0.157949	0.808635	-1.23665	0.750314	1.04589	1.04589	0.183908	0.893433	-1.22036	0.890978	1.016946	1.016946	0.341855	1.14757	1.14757	0.640183	0.959374	-1.04841	0.0185212	1.49391	1.49391	0.21932	0.839967	-1.19913	0.727253	0.951978	-1.05044	2.03839	0.637697	0.278383	1
cg10743239	IGSF1;IGSF1;IGSF1;IGSF1	0.164519	0.02365562	0.185776	-5.38282	0.069479	3.54373	3.54373	0.810903	1.16107	1.1617	0.773706	0.835587	-1.19676	0.443746	1.22662	1.22662	?	?	?	0.72265	1.24862	1.24862	0.340306	1.83701	1.83701	0.25302	1.21297	5.46498	1
cg00488747	ANXB11	0.164521	0.830734	1.05634	1.05634	0.0114968	2.24671	2.24671	0.0585726	1.72825	1.72825	0.475685	0.830534	-1.20407	0.499237	0.838934	-1.19199	0.99299	0.968292	-1.03275	0.413842	1.23849	1.23849	0.664393	0.894251	-1.11825	0.910629	0.971666	-1.02917	2.03837	2.21645	0.922935	1
cg10142179	PMS2L3	0.164522	0.227711	1.69247	1.69247	0.0897197	0.459625	-2.17568	0.806309	0.902955	-1.10748	0.960124	1.02099	1.02099	0.295414	1.56971	1.56971	0.94173	1.03084	1.03084	0.0198178	0.310677	-3.21878	0.379252	1.45476	1.45476	0.496644	1.33217	1.33217	0.28137	0.537476	2.03837	2.43103	1
cg13242862	LOC401463	0.164523	0.0555582	0.279455	-3.69747	0.150034	1.36218	1.36218	0.76102	0.853783	-1.17161	0.551263	-1.81402	0.620307	0.76008	-1.31271	0.0486947	0.257431	-3.88453	0.204565	0.446078	-2.24176	0.0196374	0.195563	-5.09251	0.148895	0.959363	-2.54218	0.178111	0.422146	-2.36885	2.03835	11.7272	5.11403	1
cg13551088	ZNF573	0.164528	0.788413	1.04758	1.04758	0.184019	1.27573	1.27573	0.172629	1.38622	1.28622	0.748365	0.904503	-1.05719	0.436178	0.871739	-1.14713	0.678909	0.930598	-1.07458	0.0838608	0.71816	-1.39206	0.6268	1.57348	1.57348	0.563378	1.10621	1.10621	2.03833	0.963877	0.420334	1
cg08215532	DPY19L2P4	0.164529	0.972125	1.02697	1.02697	0.67349	1.38092	1.38092	0.445805	1.80736	1.80736	0.361163	2.04393	2.04393	0.580793	0.653916	-1.52925	0.557651	0.636614	-1.57081	0.883138	0.894031	-1.11853	0.0107655	11.4738	11.4738	0.0476264	5.61328	5.61328	2.03833	18.7231	8.1649	1
cg08837481	TRPV1;TRPV1;TRPV1	0.164533	0.738759	1.07995	1.07995	0.116816	0.95384	-1.04778	0.319392	0.442785	-2.3882	0.230963	0.700429	-1.42377	0.0160971	0.671251	-1.49049	0.256583	0.523059	-1.91183	0.0444665	0.282789	-3.5362	0.0414755	0.733006	-1.40251	0.60219	0.749899	-1.33351	2.03832	9.66897	4.21653	1
cg20085561	TSC22D3;TSC22D3;TSC22D3	0.164533	0.0921831	0.332185	-3.01037	0.770638	0.840459	-1.16893	0.0966199	0.338081	-2.95787	0.0302871	0.454588	0.545588	0.353068	1.76494	1.76494	0.560388	0.70465	-1.41914	0.920392	0.942297	-1.06124	0.90391	0.930712	-1.07445	0.290324	0.520676	-1.92027	2.03832	11.4114	4.9764	1
cg00841783	LOC100144603;CHKB-CPT1B;CHKB	0.164533	0.149271	1.79587	1.79587	0.0865986	2.04759	2.04759	0.171993	1.43486	1.43486	0.525723	1.27564	1.27564	0.607047	0.821625	-1.21703	0.313019	1.44564	1.44564	0.0153298	3.08599	3.08599	0.0854726	2.25573	2.25573	0.26832	4.62764	2.03826	1
cg14562832	LPHN2	0.164532	0.806152	0.940758	-1.06297	0.53445	1.26697	1.26697	0.0401472	1.80222	1.80222	0.36974	0.795485	-1.25709	0.0830659	1.61061	1.61061	0.740133	0.920648	-1.08619	0.211323	0.701017	-1.42651	0.38693	1.38793	0.812446	0.60828	1.06082	0.0842373	1.60716	1.60716	2.03831	1.99171	0.868567	1
cg08550881	TAF1C;TAF1C	0.164533	0.596418	1.19932	1.19932	0.648568	0.855516	-1.16889	0.31038	0.699787	-1.42901	0.262081	1.48841	1.48841	0.0311005	0.422865	-2.36482	0.579354	1.20977	1.20977	0.0708769	1.98644	1.98644	0.197365	1.5962	1.5962	0.969624	0.987133	-1.01303	2.03831	3.73385	1.6283	1
cg12385032	BCAS3;BCAS3	0.164534	0.0432714	0.376247	-2.65738	0.155439	0.611657	-1.6349	0.351199	0.488454	-2.04728	0.129468	0.294298	-3.39791	0.0336668	0.15686	-6.37511	0.0904507	0.248343	-4.02668	0.0836405	0.239403	-4.17706	0.386477	0.5153373	-1.94034	0.071399	0.222363	-4.49715	2.0383	17.9979	7.84875	1
cg14906909	ACSS3	0.164537	0.112154	0.432802	-2.31053	0.390599	1.531	1.531	0.444188	1.45888	1.45888	0.26797	0.571969	-1.74835	0.101762	0.420088	-2.38045	0.28425	0.583574	-1.71358	0.0686138	0.372736	-2.68287	0.145368	2.13192	2.13192	0.736028	0.848895	-1.178	1.02828	2.03828	7.56734	3.30009	1
cg00616912	LONP2	0.164546	0.109436	2.46521	2.46521	0.012061	8.03153	8.03153	0.0597374	4.1121	4.1121	0.112154	2.95762	2.95762	0.787367	1.19713	1.19713	0.530886	1.52701	1.52701	0.314469	1.99829	1.99829	0.0865092	3.52614	3.52614	0.289512	2.07851	2.07851	2.03826	14.2983	6.2355	1
cg00533005	BMPER	0.164546	0.5979344	1.0054476	1.0054476	0.163768	1.29726	1.29726	0.0902928	1.38233	1.38233	0.121106	0.744996	-1.34229	0.919696	1.01782	1.01782	0.854023	0.968259	-1.03278	0.0479972	0.670388	-1.48569	?	?	?	0.598953	1.1074	1.0974	2.02588	0.886427	0.431797	1
cg18585306	TBC1D5;TBC1D5	0.164543	0.00913768	0.406904	-2.45758	0.675209	0.891869	-1.12124	0.316379	1.32484	1.32484	0.992698	0.997518	-1.00249	0.967725	0.989073	-1.01105	0.301202	0.747598	-1.33762	0.411508	0.796097	-1.25613	0.167284	0.670479	-1.49147	0.383943	1.27434	1.27434	2.03825	2.3805	1.03815	1
cg13863764	PTCH2	0.164543	0.218181	2.183788	2.183788	0.0372722	4.1918	4.1918	0.792343	1.85257	1.85257	0.117292	0.968319	-1.03297	0.517814	0.748502	-1.33602	0.257603	2.04243	2.04243	0.0214977	5.31097	5.31097	0.204157	2.24801	2.24801	0.418124	0.605442	1.65196	2.03824	11.7956	5.14414	1
cg09231120	WDR59	0.164548	0.0289936	1.7497	1.7497	0.0335005	1.71575	1.71575	0.781481	0.941355	-1.0623	0.197546	1.34451	1.34451	0.959756	1.01103	1.01103	0.87806	0.967182	-1.03393	0.23123	1.3138	1.3138	0.0783315	1.52965	1.52965	0.923887	0.979446	-1.02099	2.03821	1.52476	0.664967	1
cg05153611	VMAC;NOUFA11	0.164555	0.0155471	0.31154	-3.20934	0.208537	0.978106	1.02256	0.955492	0.974606	-1.02634	0.768234	0.964422	-1.03718	0.881956	1.20199	1.20199	0.425509	0.788616	-1.26793	0.160569	0.416169	-2.40316	0.0626243	-1.55682	0.469636	0.0992064	0.844866	-1.17805	0.387602	1.21806	1.2466	0.805816	1
cg08329751	WFS1;WFS1	0.164552	0.454181	0.774387	-1.29134	0.696183	0.87669	-1.14065	0.0113138	0.356534	-2.80478	0.593899	1.1978	1.1978	0.284882	0.689988	1.4514	0.22274	1.53678	1.53678	0.563872	1.21612	1.21612	0.689956	0.874175	-1.14394	0.107085	0.554369	-1.80385	2.03819	3.63052	1.58333	1
cg05141104	PTPRN2;PTPRN2;PTPRN2	0.164553	0.560901	0.782417	-1.27809	0.615183	0.819184	-1.22073	0.524433	0.764004	-1.30889	0.95411	1.02431	1.02431	0.0336758	0.355153	-2.81569	0.125407	0.500513	-1.99795	0.98657	1.00705	1.00705	0.0117016	2.74552	2.74552	0.400526	0.698302	-1.43205	2.03818	5.62132	2.45156	1
cg22194582	ABTB2	0.164555	0.1494	1.70794	1.70794	0.0743128	0.518369	-1.92914	0.157943	0.535315	-1.86807	0.174261	0.439694	-2.27435	0.0284455	0.354997	-2.81691	0.265988	0.615348	-1.62501	0.0193242	0.46302	-2.15973	0.0304427	0.348926	-2.86594	0.534083	0.770539	-1.29779	2.03817	5.83886	2.41212	1
cg26986558	RPS23	0.164555	0.338744	0.762886	-1.31081	0.818395	1.06686	1.06686	0.867824	0.955314	-1.04678	0.568196	1.17154	1.17154	0.109538	0.61949	-1.61423	0.100287	0.610072	-1.63915	0.0174819	0.452071	-2.21204	0.385101	1.27685	1.27685	0.60431	1.15429	1.15429	2.03817	2.43165	1.06049	1
cg14611816	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.164557	0.0955856	0.288626	-3.46577	0.0229366	0.323714	-3.0903	0.0158324	0.313402	-3.19128	0.0229798	0.355123	-2.81447	0.0205113	0.16581	-6.03145	0.276688	0.633456	-1.57864	0.0313368	0.180459	-5.54167	0.0203933	-1.83506	0.0154663	0.0119465	0.0318316	1.14665	2.03816	5.25639	2.29243	1
cg05708255	SUSD4;SUSD4	0.164557	0.655191	0.805609	-1.2413	0.134196	1.459905	-2.17436	0.213896	0.533525	-1.87785	0.875201	1.07852	1.07852	0.0381731	0.314903	3.17558	0.604598	1.28558	-1.28558	0.0217616	0.265943	-3.76021	0.777826	0.872811	-1.14572	0.14247	0.46851	-2.13442	2.03816	7.46557	3.25592	1
cg19596755	CPT1A;CPT1A;CPT1A;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-N)	p-value(1050 vs. N)	Fold-Change(1-vs-N)	p-value(1111 vs. N)	Fold-Change(1-vs-N)	p-value(1117 vs. N)	Fold-Change(1-vs-N)	p-value(1127 vs. N)	Fold-Change(1-vs-N)	p-value(1217 vs. N)	Fold-Change(1-vs-N)	p-value(1221 vs. N)	Fold-Change(1-vs-N)	p-value(1247 vs. N)	Fold-Change(1-vs-N)	p-value(3477 vs. N)	Fold-Change(3-vs-N)	p-value(3477 vs. N)	Fold-Change(5-vs-N)	p-value(5377 vs. N)	Fold-Change(5-vs-N)	p-value(5637 vs. N)	Fold-Change(5-vs-N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg03179318	PIK3CA	0.164809	0.458097	1.088016	0.11345	1.03715621	0.41133	0.138797	1.25471	1.254571	0.484522	1.10645	1.10645	0.285633	0.853923	1.17107	0.759225	0.957168	-1.04475	0.095178	0.7702	1.29835	0.718618	1.05287	1.05287	0.288732	0.854853	-1.16979	2.03665	0.65406	0.285462	1
cg10678486	ELAC1	0.164806	0.250181	0.805384	-1.24164	1.337587	0.83689	-1.1949	0.164997	1.30575	1.30575	0.00982538	0.555528	-1.80009	0.9621	0.991478	-1.0086		0.810301	0.957612	-1.04426	0.476009	0.877622	-1.13944	0.596722	1.10096	1.10096	0.630689	1.09117	1.09117	2.03665	1.04642	0.456709	1
cg15598244	C1orf213;C1orf213;ZNF436;C1orf213	0.164809	0.75038	1.08215	1.08215	0.366675	1.25785	1.25785	0.00855533	2.29286	2.29286	0.0846631	1.60278	1.60278	0.429998	1.22052	1.22052		0.446722	0.825434	-1.21148	0.972594	1.00853	1.00853	0.34707	1.27062	1.27062	0.196733	1.40161	1.40161	2.03663	1.97375	0.861446	1
cg00530360	KIAA1524;ZDPF1;KIAA1524	0.164815	0.148026	0.808658	-1.23662	0.823078	1.03132	1.031132	0.911764	0.985114	-1.01511	0.804021	1.04061	1.04061	0.154979	1.23158	1.23158		0.304017	0.886543	-1.12798	0.115602	0.793837	-1.26202	0.087814	1.29419	1.29419	0.085827	1.2967	1.2967	2.03659	0.604138	0.263682	1
cg11717519	CTDSPL;CTDSPL;CTDSPL;CTDSPL	0.164817	0.28335	1.17675	1.17675	0.53357	1.09644	1.09644	0.743102	1.04919	1.04919	0.182386	1.22954	1.22954	0.277026	1.17949	1.17949		0.828225	1.03224	1.03224	0.889058	0.760348	-1.31519	0.405171	0.883061	-1.13242	0.0224466	1.49077	1.49077	2.03658	0.6877	0.300155	1
cg13660475	GRIP1L2	0.164826	0.750954	1.16058	1.16058	0.453028	1.44777	1.44777	0.88874	1.07011	1.07011	0.476065	1.42017	1.42017	0.0120142	2.19744	2.19744		0.510084	1.38186	1.38186	0.316617	1.65061	1.65061	0.385422	1.53818	1.53818	0.168991	2.491955	-2.01271	2.03651	7.57343	3.28864	1
cg06306219	TRIM2	0.164829	0.1876	0.80703	-1.23911	0.237201	0.826866	-1.20939	0.676508	1.06654	1.06654	0.266507	0.837164	-1.19451	0.168187	0.798148	-1.2529		0.431443	0.884024	-1.13119	0.0833312	1.34218	1.34218	0.085065	0.746533	-1.33953	0.245142	1.20519	1.20519	2.03655	0.760188	0.331805	1
cg07032446	CSMD1	0.164843	0.115013	0.68659	-1.45647	0.188305	0.736488	1.36178	0.597479	0.886405	-1.12404	0.344661	0.807693	-1.23809	0.0176224	0.530697	-1.88431		0.458018	0.840655	-1.18955	0.262564	1.29313	1.29313	0.081385	1.09518	1.09518	0.124303	0.694092	-1.44073	2.0365	1.55276	0.677748	1
cg01053062	RNF182;RNF182;RNF182;RNF182	0.164832	?	?	?	?	0.331075	2.461219	-2.16817	0.353551	0.69836	-1.43193	?	?	?	?	?	?	?	?	?	?	0.0307774	0.129053	-7.74873	0.0940077	0.242309	-4.12697	0.186152	0.349521	2.86106	2.53828	10.68445	4.20935	1
cg16586594	ABAT;ABAT	0.164836	0.117226	0.447085	-2.23671	0.376056	1.53689	1.53689	0.243164	1.78207	1.78207	0.757311	0.863606	-1.15794	0.107607	0.43573	-2.295		0.68258	0.823229	-1.21473	0.0245444	0.281641	-3.55062	0.274978	0.58431	-1.71142	0.302661	0.603427	-1.6572	2.03646	7.21856	3.1508	1
cg01653446	KLHL33	0.164839	0.973549	0.00809	1.03972	0.312772	1.02501	1.025011	0.863593	1.03185	1.03185	0.685548	1.11074	1.11074	0.307405	1.03034	1.03034		0.413826	1.24173	1.24173	0.0355722	1.27078	1.27078	0.0899214	1.24315	1.24315	0.652496	1.889624	1.14747	1.12407	2.03645	2.24707	0.937174	1
cg06716959	CCDC85A	0.164839	0.488665	0.619316	-1.61468	0.150482	0.350031	-2.85689	0.0274906	0.169317	-5.90606	0.705818	0.772361	-1.29473	0.127835	0.325842	-3.06897		0.315708	0.493321	-2.02708	0.252904	2.25554	2.25554	0.186281	2.59648	2.59648	0.907834	1.08208	1.08208	2.03644	14.9635	6.53141	1
cg12123728	FNTB	0.164845	0.0683622	0.329682	-3.03034	0.0249269	0.203591	-4.89646	0.0598831	0.284435	-3.51526	0.592524	0.726223	-1.37699	0.120924	0.569389	-2.70717		0.344921	0.564171	-1.77251	0.0867784	0.326245	-3.06518	0.0923102	1.06741	1.06741	0.243712	0.488316	-2.04785	2.03641	11.3094	4.93663	1
cg04654118	NEU4;RL1B	0.164848	0.202303	0.614604	-1.62706	0.0693773	0.479714	2.084458	0.147267	0.567133	-1.76325	0.554233	1.20672	1.20672	0.263936	0.655082	-1.52653		0.173575	0.592415	-1.68801	0.189822	0.60523	-1.65227	0.0859719	1.98596	1.98596	0.337285	0.699271	-1.43006	2.03639	4.21707	1.84076	1
cg17459431	KCNK1	0.164848	0.581354	1.38065	1.38065	0.658691	0.773192	-1.29436	0.343469	1.76285	1.76285	0.413197	1.58706	1.58706	0.0601029	0.289243	-3.4573		0.459666	0.64626	-1.54736	?	?	?	0.201541	2.19573	2.19573	0.0445762	3.00841	3.00841	2.14862	9.90258	4.03271	1
cg04066190	TFAP2A;TFAP2A;TFAP2A	0.164849	0.13025	0.351667	-2.8436	0.535614	0.695555	-1.46353	0.733393	1.2455	1.2455	0.0906722	1.39074	1.39074	0.102651	0.57177	0.609356	-1.64108	0.273945	0.2009	0.2009	-4.97842	0.309168	-3.23449	0.0260131	5.41646	5.41646	0.563637	1.45254	1.45254	2.03638	13.1881	5.75667	1
cg12652137	BOK	0.164851	0.444511	1.27185	1.27185	0.356089	1.34023	1.34023	0.47223	0.798055	-1.25305	0.877938	0.953692	-1.04856	0.0290789	0.45223	-2.21126		0.222618	0.673416	-1.48497	0.831103	1.06811	1.06811	0.266469	0.699636	-1.42932	0.0345843	0.467571	-2.13871	2.03638	3.06962	1.3399	1
cg00622580	FAM161A	0.164852	0.414408	0.859389	-1.11609	0.692255	1.05377	1.053772	0.52764	1.08743	1.08743	0.77065	1.03918	1.03918	0.0781395	1.29387	1.29387		0.134796	1.23649	1.23649	0.0413042	1.36329	1.36329	0.0962455	0.787525	-1.2698	0.520795	1.08948	1.08948	2.03637	0.559104	0.244053	1
cg00154485	MED13L	0.164853	?	?	?	?	0.743796	1.436643	1.43643	0.305281	1.17675	1.17675	0.432227	0.419734	-2.38246	0.128297	0.162223	-6.16434		0.121264	0.155551	-6.42877	?	?	?	0.206043	4.31592	4.31592	0.105122	7.14981	7.14981	2.30013	31.1949	11.6248	1
cg24308654	OCIAD2;OCIAD2	0.164854	0.532387	0.518646	-1.9281	0.434111	2.29002	2.29002	0.164077	0.214073	-4.6713	0.439364	0.440983	-2.26766	0.175738	0.224331	-4.4577		0.248574	0.285897	-3.49776	0.0754754	7.80191	7.80191	0.641453	1.6272	1.6272	0.0476713	0.0952678	-10.4967	2.03636	34.7587	15.1725	1
cg08816869	ARHGDIA	0.164854	0.724711	1.06869	1.05899	0.212066	1.19259	1.32509	0.156223	1.27873	1.27873	0.20403	0.837065	1.194565	0.0159601	1.59101	1.59101		0.694311	1.06612	1.06612	0.0269178	0.633662	-1.57843	0.0140406	1.24315	1.24315	0.0864393	0.837956	-1.19338	2.03634	0.847393	0.369897	1
cg07853246	INPP4B;INPP4B	0.164858	0.032845	0.633653	-1.57815	0.863943	1.03184	1.03184	0.90888	0.979292	-1.02115	0.045895	0.65821	-1.51927	0.0628918	0.970466	-1.03043		0.186623	0.774236	-1.2916	0.0657774	0.685671	-1.45843	0.955108	0.980763	-1.01034	0.369448	0.18349	1.18349	2.03633	1.07738	0.470292	1
cg10594093	HIF3A;HIF3A	0.164859	0.4125321	1.53829	1.53829	0.235422	0.618654	1.616532	0.302576	0.43879	2.27888	0.188787	0.288497	2.407084	0.219857	0.288497	3.467098		0.344628	1.1641	1.1641	0.0310965	1.7024	1.7024	0.86204	1.04947	1.04947	0.731417	0.688023	-1.45308	2.03632	0.65164	0.31688	1
cg02746691	RAR8;RAR8	0.164859	0.944581	1.01845	1.01845	0.0436835	1.84035	1.84035	0.0332328	1.92453	1.92453	0.451937	1.22333	1.22333	0.271043	1.35177	1.35177		0.900195	1.03355	1.03355	0.0285001	1.97368	1.97368	0.675889	0.896185	-1.11584	0.595338	1.15142	1.15142	2.03633	2.23134	0.974014	1
cg00538975	ILSRA;ILSRA;ILSRA;ILSRA;ILSRA;ILSRA	0.164859	0.293387	1.46424	1.46424	0.862612	1.02647	1.02647	0.0431749	0.443148	-2.25658	0.997933	0.999883	-1.00012	0.101065	0.533533	1.8743		0.147988	0.58101	-1.72114	0.89198	0.135028	-7.40666	0.0770546	0.990245	-1.00985	0.0360399	0.426077	-2.34699	2.03632	3.94766	1.72322	1
cg15128898	SPEF2;SPEF2;SPEF2;SPEF2	0.164863	0.2719955	1.2656	1.2656	0.313136	1.72703	1.9211	0.313663	1.3866	1.3866	0.0975145	1.20971	1.20971	0.0794669	1.10706	1.10706		0.443211	0.611382	-1.63564	0.0118238	0.723791	1.3866	0.0975145	1.20971	1.20971	0.0794669	1.10706	1.10706	2.03631	1.94402	0.726435	1
cg17936572	ARPP-21	0.164863	0.309199	0.64498	-1.55044	0.877994	0.937893	-1.06622	0.503121	1.32986	1.32986	0.194918	0.564782	-1.77059	0.179981	0.552462	-1.81008		0.360706	0.676008	-1.47927	0.013138	0.277631	-3.6019	0.0493512	0.39269	-2.54654	0.5133115	0.758526	-1.31835	2.0363	5.59998	2.44451	1
cg14835748	PIP5KP1;PIP5AP1	0.164863	0.051799	0.734796	1.3707	0.331554	1.21583	1.21583	0.606357	1.10677	1.10677	0.0672832	1.34138	1.34138	0.0170196	1.30058	1.30058		0.658432	0.937344	-1.06684	0.841748	1.28746	1.28746	0.0955337	1.05966	1.05966	0.0862266	1.13724	1.13724	2.0363	0.682144	0.297771	1
cg11871337	SPIN1;SPIN3	0.164864	0.630487	1.33485	1.33485	0.86474	1.10693	1.10693	0.996977	1.00024	1.00024	0.371064	0.578513	-1.77857	0.0325214	0.225113	4.44222		0.0525753	0.71821	1.71821	0.241669	0.440281	-2.27053	0.715318	0.24392	1.24392	0.174333	0.42272	-2.36563	2.0363	11.4512	4.99869	1
cg06106988	TRIX2	0.164865	0.243617	1.46898	1.46898	0.039406	0.471824	-2.11944	0.0954085	0.563135	-1.78153	0.230585	0.672705	-1.48654	0.544065	0.82402	-1.21356		0.178719	1.56883	1.56883	0.280406	1.4243	1.4243	0.85116	0.942507	-1.061	0.94044	1.02383	1.02383	2.03629	3.20449	1.39883	1
cg26571749	SLC16A1	0.164865	0.221839	1.76492	1.76492	0.30731	0.376087	2.656196	0.0135268	0.210576	4.74861	0.0135268	0.161651	1.30601	0.0141393	1.22609	1.22609		0.0567227	0.68474	-1.46111	0.0131993	0.222609	4.49301	0.0135268	0.161651	1.30601	0.0141393	1.22609	1.22609	2.03629	1.40496	0.613298	1
cg16635016	UNC5A	0.164865	0.239124	0.563973	-1.77314	0.664833	1.22448	1.22448	0.294959	0.606775	-1.64806	0.625048	0.795946	-1.25637	0.197209	0.53081	-1.88391		0.17262	0.509485	-1.96277	0.0640021	0.159246	-5.17475	0.0303792	0.195247	-5.12197	0.0297457	0.529167	-1.88976	2.03629	6.96107	3.03867	1
cg05765482	TOMM11;TOMM11	0.164865	0.1768505	1.30783	1.30783	0.508706	0.826418	1.636144	0.0576997	0.3168	3.1568	0.0576997	0.3168	3.1568	0.0576997	0.3168	3.1568		0.0280868	0.481111	2.07817	0.0576997	0.3168	3.1568	0.0576997	0.3168	3.1568	0.0576997	0.3168	3.1568	2.03628	1.60263	0.884723	0.579502	1
cg04853958	NAP1L4;NAP1L4	0.164867	0.0514778	0.687761	-1.45399	0.917496	0.983128	-1.01716	0.666999	1.07582	1.07582	0.565544	1.10305	1.10305	0.928132	1.01531	1.01531		0.963731	1.00771	1.00771	0.583269	0.910697	-1.09806	0.0694918	0.709771	-1.40891	0.0390126	1.49689	1.49689	2.03626	2.919338	0.401319	1
cg14474756	C9orf40	0.164871	0.1425	2.01071	2.01074	0.773573	0.880015	-1.11634	0.879272	1.06067	1.06067	0.221635	0.565975	-1.76686	0.341813	1.5434	1.5434		0.0862442	2.316	2.316	0.395808	1.47007	1.47007	0.037526	2.343243	-2.91339	0.670965	0.827503	-1.20846	2.03625	6.33146	2.76389	1
cg00706559	ZNF784	0.164872	0.622291	1.08942	1.08942	0.59373	1.36234	1.36234	0.808378	0.954755	-1.04739	0.452113	0.864318	1.15698	0.601179	0.70797	-1.41239		0.744689	1.1641	1.1641	0.0310965	1.7024	1.7024	0.86204	1.04947	1.04947	0.731417	0.688023	-1.45308	2.03625	0.65164	0.31688	1
cg19815055	NIPBL;NIPBL	0.164874	0.381963	1.36422	1.36422	0.24449	0.655911	-1.5246	0.80657	1.08869	1.08869	0.557703	0.814348	-1.22798	0.0824022	0.513544	-1.94726		0.541105	0.807108	-1.23899	0.00910903	0.317384	-3.15076	0.8308862	1.0769	1.0769	0.848859	0.936051	-1.06832	0.36424	3.86922	1.68905	1
cg04446247	WDR86	0.164875	0.891155	1.12389	1.12389	0.0895305	0.889732	-1.12393	0.868054	0.93249	-1.0724	0.777879	0.953372	-1.04959	0.0249893	0.418304	-2.39081		0.121906	1.12717	1.12717	0.0064648	1.18415	1.18415	0.0881855	1.16218	1.16218	0.129255	1.01727	1.01727	2.03622	0.919406	0.401356	1
cg26135528	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1	0.164878	0.0818759	0.778931	-1.28381	0.226046	1.17907	1.17907	0.29409	0.855736	-1.16858	0.0646717	1.30853	1.30853	0.169839	1.00515	1.00515		0.139486	1.22883	1.22883	0.464845	0.908919	-1.10021	0.251358	1.168	1.168	0.735816	0.957067	-1.04486	2.03621	0.541506	0.236389	1
cg00523012	IER2	0.164881	0.22819	0.520291	-1.922	0.279814	0.559689	-1.78671	0.365195	0.618398	-1.61708	0.0463978	0.307724	-3.24967	0.0126158	0.201476	-4.96338		0.411664	0.648151	-1.54285	0.192696	0.490569	-2.03845	0.372053	0.622867	-1.60548	0.0670338	0.346303	-2.88764	2.03619	8.60545	3.75667	1
cg05362597	THBS2	0.164882	0.6068608	1.38204	1.38204	0.55954	0.888913	-1.12378	0.625152	1.09262	1.09262	0.156788	0.653783	-1.52983	0.0679007	0.38204	-2.61765		0.648803	1.09076	1.09076	0.0516564	1.74093	1.74093	0.803324	0.953819	-1.04842	0.723079	0.934808	-1.06974	2.03618	1.97227	0.830542	1
cg14573817	C12orf23	0.164884	0.114752	2.38719	2.38719	0.0192754	0.20393	4.203393	0.205856	1.96795	1.96795	0.307425	1.70911	1.70911	0.288161	0.526961	-1.89767		0.592888	0.760498	-1.31493	0.474487	0.691437	-1.44626	0.383354	1.57378	1.57378	0.550114	1.35898	1.35898	2.03618	8.29934	3.62306	1
cg23605156	TMEM301;TMEM201	0.164883	0.7638624	1.23928	1.23928	0.313136	0.72703	-1.3761	0.312663	1.29382	1.29382	0.0629179	1.24233	1.24233	0.0849358	1.19202	1.19202		0.542684	1.1724	1.1724	0.0607304	1.54105	1.54105	0.343601	1.27902	1.27902	0.0929763	1.11524	1.11524	2.03617	1.66415	0.726435	1
cg10696191	BTG3;BTG3	0.164885	0.0995696	0.493849	-2.02491	0.083001	0.472257	-2.11749	0.496451	0.763462	-1.30982	0.373553	0.699752	-1.42908	0.716169	0.866998	-1.15341		0.184914	0.577194	-1.73252	0.0143272	0.307207	-3.25514	0.0565058	0.430029	-2.32542	0.809045	0.909711	-1.09925	2.03611	4.92645	2.1507	1
cg03852757	OBSCN;OBSCN	0.164886	0.672355	0.852174	-1.17347	0.0258	1.21583	1.21583	0.606357	1.10677	1.10677	0.0672832	1.34138	1.34138	0.0170196	1.30058	1.30058		0.658432	0.937344	-1.06684	0.841748	1.28746	1.28746	0.0955337	1.05966	1.05966	0.0862266	1.13724	1.13724	2.0361	0.682144	0.297771	1
cg14573817	SPIN1;SPIN3	0.164886	0.630487	1.33485	1.33485	0.86474	1.10693	1.10693	0.996977	1.00024	1.00024	0.371064	0.578513	-1.77857	0.0325214	0.225113	4.44222		0.0525753	0.71821	1.71821	0.241669	0.440281	-2.27053	0.715318	0.24392	1.24392	0.174333	0.42272	-2.36563	2.0363	11.4512	4.99869	1
cg06106988	TRIX2	0.164885	0.243617	1.46898	1.46898	0.039406	0.471824	-2.11944	0.0954085	0.563135	-1.78153	0.230585	0.672705	-1.48654	0.544065	0.82402	-1.21356		0.178719	1.56883	1.56883	0.280406	1.4243	1.4243	0.85116	0.942507	-1.061	0.94044	1.02383	1.02383	2.03629	3.20449	1.39883	1
cg26571749	SLC16A1	0.164885	0.221839	1.76492	1.76492	0.30731	0.376087	2.656196	0.0135268	0.210576	4.74861	0.0135268	0.161651	1.30601	0.0141393	1.22609	1.22609		0.0567227	0.68474	-1.46111	0.0131993	0.222609	4.49301	0.0135268	0.161651	1.30601	0.0141393	1.22609	1.22609	2.03629	1.40496	0.613298	1
cg16635016	UNC5A	0.164865	0.239124	0.563973	-1.77314	0.664833	1.22448	1.22448	0.294959	0.606775	-1.64806	0.625048	0.795946	-1.25637	0.197209	0.53081	-1.88391		0.17262	0.509485	-1.96277	0.0640021	0.159246	-5.17475	0.0303792	0.195247	-5.12197	0.0297457	0.529167	-1.88976	2.03629	6.96107	3.03867	1
cg05765482	TOMM11;TOMM11	0.164865	0.1768505	1.30783	1.30783	0.508706	0.826418	1.636144	0.0576997	0.3168	3.1568	0.0576997	0.3168	3.1568	0.0576997	0.3168	3.1568		0.0280868	0.481111	2.07817	0.0576997	0.3168	3.1568	0.0576997	0.3168	3.1568	0.0576997	0.3168	3.1568	2.03628	1.60263	0.884723	0.579502	1
cg04853958	NAP1L4;NAP1L4	0.164867	0.0514778	0.687761	-1.45399	0.917496	0.983128	-1.01716	0.666999	1.07582	1.07582	0.565544	1.10305	1.10305	0.928132	1.01531	1.01531		0.963731	1.00771	1.00771	0.583269	0.910697	-1.09806	0.0694918	0.709771	-1.40891	0.0390126	1.49689	1.49689	2.03626	2.919338	0.401319	1
cg14474756	C9orf40	0.164871	0.1425	2.01071	2.01074	0.773573	0.880015	-1.11634	0.879272	1.06067	1.06067	0.221635	0.565975	-1.76686	0.341813	1.5434	1.5434		0.0862442	2.316	2.316	0.395808	1.47007	1.47007	0.037526	2.343243	-2.91339	0.670965	0.827503	-1.20846	0.362625	6.33146	2.76389	1
cg00706559	ZNF784	0.164872	0.622291	1.08942	1.08942	0.59373	1.36234	1.36234	0.808378	0.954755	-1.04739	0.452113	0.864318	1.15698	0.601179	0.70797	-1.41239		0.744689	1.1641	1.1641	0.0310965	1.7024	1.7024	0.86204	1.04947	1.04947	0.731417	0.688023	-1.45308	2.03625	0.65164	0.31688	1
cg19815055	NIPBL;NIPBL	0.164874	0.381963	1.36422	1.36422	0.24449	0.655911	-1.5246	0.80657	1.08869	1.08869	0.557703	0.814348	-1.22798	0.0824022	0.513544	-1.94726		0.541105	0.807108	-1.23899	0.00910903	0.317384	-3.15076	0.8308862	1.0769	1.0769	0.848859	0.936051	-1.06832	0.36424	3.86922	1.68905	1
cg04446247	WDR86	0.164875	0.891155	1.12389	1.12389	0.0895305	0.889732	-1.12393	0.868054	0.93249	-1.0724	0.777879	0.953372	-1.04959	0.0249893	0.418304	-2.39081		0.121906	1.12717	1.12717	0.0064648	1.18415	1.18415	0.0881855	1.16218	1.16218	0.129255	1.01727	1.01727	2.03622	0.919406	0.401356	1
cg26135528	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1	0.164878	0.0818759	0.778931	-1.28381	0.226046	1.17907	1.17907	0.29409	0.855736	-1.16858	0.0646717	1.30853	1.30853	0.169839	1.00515	1.00515		0.139486	1.22883	1.22883	0.464845	0.908919	-1.10021	0.251358	1.168	1.168	0.735816	0.957067	-1.04486	0.362625	0.541506	0.236389	1
cg00523012	IER2	0.164881	0.22819	0.520291	-1.922	0.279814	0.559689	-1.78671	0.365195	0.618398	-1.61708	0.0463978	0.307724	-3.24967	0.0126158	0.201476	-4.96338		0.411664	0.648151	-1.54285	0.192696	0.490569	-2.03845	0.372053	0.622867	-1.60548	0.0670338	0.346303	-2.88764	0.36919	8.60545	3.75667	1
cg05362597	THBS2	0.164882	0.6068608	1.38204	1.38204	0.55954	0.888913	-1.12378	0.625152	1.09262	1.09262	0.156788	0.653783	-1.52983	0.0679007	0.38204	-2.61765		0.648803	1.09076	1.09076	0.0516564	1.74093	1.74093	0.803324	0.953819	-1.04842	0.723079	0.934808	-1.06974	0.36918	1.97227	0.830542	1
cg14573817	C12orf23	0.164884	0.114752	2.38719	2.38719	0.0192754	0.20393	4.203393	0.205856	1.96795	1.96795	0.307425	1.70911	1.70911	0.288161	0.526961	-1.89767		0.592888	0.760498	-1.31493	0.474487	0.691437	-1.44626	0.383354	1.57378	1.57378	0.550114	1.35898	1.35898	0.36918	8.29934	3.62306	1
cg23605156	TMEM301;TMEM201	0.164883	0.7638624	1.23928	1.23928	0.313136	0.72703	-1.3761	0.312663	1.29382	1.29382	0.0629179	1.24233	1.24233	0.0849358	1.19202	1.19202		0.542684	1.1724	1.1724	0.0607304	1.54105	1.54105	0.343601	1.27902	1.27902	0.0929763	1.11524	1.11524	0.36917	1.66415	0.726435	1
cg10696191	BTG3;BTG3	0.164885	0.0995696	0.493849	-2.02491	0.083001	0.472257	-2.11749	0.496451	0.763462	-1.30982	0.373553	0.699752	-1.42908	0.716169	0.866998	-1.15341		0.184914	0.577194	-1.73252	0.0143272	0.307207	-3.25514	0.0565058	0.430029	-2.32542	0.809045	0.909711	-1.09925	0.36911	4.92645	2.1507	1
cg03852757	OBSCN;OBSCN	0.164886	0.672355	0.852174	-1.17347	0.0258	1.21583	1.21583	0.606357	1.10677	1.10677	0.0672832	1.34138	1.34138	0.0170196	1.30058	1.30058		0.658432	0.937344	-1.06684	0.841748	1.28746	1.28746	0.0955337	1.05966	1.05966	0.0862266	1.13724	1.13724	0.36911	0.682144	0.297771	1
cg00306683	PCNX	0.164887	0.201569

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg06438816	DIO3	0.165104	0.746196	1.08391	1.08391	0.0354336	0.538158	-1.71368	0.799074	1.06502	1.06502	0.0105073	1.83389	1.83389	0.53949	0.857162	-1.16664	0.559896	1.42021	1.42021	0.312763	1.47895	1.47895	0.509978	0.847198	-1.18036	2.03484	1.98386	0.866618	1
cg01180945	GLB1	0.165104	0.807669	0.675233	-1.47942	0.092089	1.45944	1.45944	0.348256	1.2431	1.2431	0.8180583	1.09776	1.09776	0.199973	0.737057	-1.35575	0.927704	0.979758	-1.02066	0.0153338	0.511186	-1.95543	0.328499	0.796711	-1.35516	0.754724	1.07317	1.07317	2.03484	1.63638	0.714826	1
cg23282441	C10orf54;CDH23	0.165107	0.307561	0.676398	-1.47942	0.092089	0.323595	-1.98651	0.262693	1.649034	-1.54075	0.158006	0.971932	-1.74846	0.584416	0.815092	-1.22685	0.452686	0.753379	-1.32755	0.0385091	2.42876	2.42876	0.227072	0.62536	-1.59908	0.194883	0.601965	-1.66123	2.03482	4.41581	1.329	1
cg09624855	ZDHHC7;ZDHHC7	0.165108	0.215352	0.58737	-1.7279	0.49978	0.750304	-1.33279	0.508872	0.755	-1.3245	0.448108	1.38295	1.38295	0.190251	0.708208	0.357444	-2.79764	0.471664	0.735617	-1.3594	0.100023	0.469638	-2.1293	0.215928	1.72659	1.72659	0.0747053	0.434928	-2.29923	2.03482	5.66786	2.47594	1
cg16739396	ATG4C;ATG4C;ATG4C;ATG4C	0.165111	0.683493	1.34551	1.34551	0.134261	3.218222	3.218222	0.8832284	4.00716	4.00716	0.1612358	2.95329	2.95329	0.7	1.2768	1.2768	0.2	0.0430139	1.39466	0.539466	0.16592	0.343206	-2.9137	0.979304	0.983399	-1.01895	0.604497	1.45965	2.04935	15.1151	1.37555	1
cg24360687	C20orf106;GCNT7	0.165115	0.196617	0.480259	-2.08221	0.265289	0.535979	-1.86574	0.0971598	0.3760661	-2.65914	0.360997	0.603828	-1.6561	0.0132131	0.192032	-5.20746	0.0751944	0.344958	-2.8989	0.122227	0.4066443	-2.45916	0.175231	0.460954	-2.16941	0.158998	0.445441	-2.24497	2.03477	9.30043	4.06288	1
cg24838345	MTSS1	0.165119	0.0978206	0.536242	-3.06252	0.112037	0.943992	-1.30575	0.661199	0.7223071	-1.38445	0.159828	0.396021	-2.53158	0.252464	0.479433	-2.09016	0.457155	0.623233	-1.60454	0.0131961	0.153132	-6.57365	0.0507032	0.253318	-3.94761	0.073245	0.568651	-1.75855	2.03475	12.2578	5.59486	1
cg22468803	ANKRD12;ANKRD12	0.165123	0.0841349	0.812632	-1.23057	0.783831	1.030101	1.030101	0.354949	1.107956	1.107956	0.1558233	0.848828	-1.17796	0.0870919	2.52758	2.52758	1.22768	1.22768	0.636996	1.05296	1.05296	0.0635573	0.7973	-1.25423	0.853934	1.02021	1.02021	0.499574	1.07722	1.07722	2.03472	0.379876	0.165953	1
cg12330330	PKIA;PKIA;PKIA;PKIA	0.165124	7	7	7	0.689393	1.24186	1.24186	0.0430505	3.74462	3.74462	0.0209744	4.96832	4.96832	7	7	7	0.659909	0.787535	-1.26979	0.843371	1.11239	1.11239	0.983256	1.01136	1.01136	0.892494	1.0755	1.0755	2.29794	7.80736	2.91218	1
cg09544898	OCA2	0.165125	0.512354	1.22896	1.22896	0.0708276	1.395364	1.395364	0.3004599	1.38851	1.38851	0.856492	1.045384	1.045384	0.457777	0.400971	-2.76588	0.845305	1.16246	1.16246	0.627232	0.8765	-1.1409	-1.14091	0.915358	0.967954	-1.03354	0.0152965	0.963079	2.51902	2.03472	3.10212	1.3552	1
cg01496307	GPR123	0.165128	0.42086	1.16906	1.16906	0.172702	1.31739	1.31739	0.18547	0.765897	-1.30566	0.23385	1.26754	1.26754	0.123133	1.37313	1.37313	0.888321	1.02705	1.02705	0.0973443	1.41281	1.41281	0.268794	1.23856	1.23856	0.101291	0.711188	-1.4061	2.0347	1.16272	0.507953	1
cg14464711	ST6GALNAC5	0.165131	0.237574	0.833694	-1.19948	0.0166845	0.650768	-1.53665	0.181464	0.8317901	-1.23188	0.460616	1.16376	1.16376	0.706276	1.05715	1.05715	0.478562	0.899506	-1.11172	0.383572	1.17796	1.17796	0.506957	0.900765	-1.10404	0.125825	0.783872	-1.27572	2.03468	0.60943	0.304249	1
cg01806808	PTK2;PTK2	0.165135	0.0453023	3.98011	3.98011	0.125658	1.25658	1.25658	0.842679	0.9720693	-1.02871	0.729235	0.95171	-1.05074	0.270011	0.849082	-1.17774	0.227536	1.19774	1.19774	0.0194613	0.8141017	-1.22835	0.916302	1.01509	1.01509	0.143198	0.79924	-1.25119	2.03465	0.653773	0.285617	1
cg06760875	MADCAM1;MADCAM1	0.165136	0.0687276	0.473094	-2.11374	0.416803	0.737222	-1.35644	0.947442	0.976072	-1.02451	0.783803	0.903898	-1.10632	0.208786	0.614606	-1.62706	0.30158	0.674891	-1.48172	0.0192679	0.353445	-2.82929	0.242266	0.423761	-2.35982	0.690026	1.15867	1.15867	2.03465	4.34923	1.90007	1
cg13217159	CAPRIN2;CAPRIN2;CAPRIN2	0.165137	7	7	7	0.568381	1.78227	1.78227	7	7	7	0.488697	0.639299	1.55422	0.644029	1.37916	1.37916	1.27932	1.27932	0.043723	1.96224	1.96224	7	7	7	0.242198	0.49666	-2.01345	2.03469	0.20106	0.14304	1
cg09224340	WNT5A	0.165139	0.772657	1.08705	1.08705	0.196266	1.48249	1.48249	0.839521	1.06016	1.06016	0.530161	1.2011	1.2011	0.91993	1.03164	1.03164	0.923722	0.972783	-1.02798	0.00772985	0.375109	-2.68018	0.606597	1.16144	1.16144	0.308343	1.35501	1.35501	2.03463	2.67532	1.16879	1
cg02236598	RIP1S	0.165139	0.611268	0.845962	-1.16078	0.621188	1.15592	1.15591	0.199904	0.634942	-1.48272	0.97783	1.08812	1.08812	0.0361299	0.492227	-2.03158	0.803491	0.930049	-1.07521	0.2207561	1.47269	1.47189	0.185612	0.664812	-1.50438	0.0385175	0.497059	-2.0082	2.03463	2.72622	1.16103	1
cg15775092	PNPLA3	0.165143	0.446463	0.826733	-1.20954	0.602684	1.002228	1.002228	0.154461	0.8500205	-1.17643	0.0136181	2.11356	2.11356	0.0050658	0.787532	-1.31826	0.118434	0.659929	-1.51532	0.0445345	0.82766	-1.20823	0.44478	0.826114	-1.21049	0.362667	1.25432	1.25432	2.03467	1.93728	0.84637	1
cg10474126	RAI1	0.16515	0.166926	0.518712	-1.92785	0.603074	1.26326	1.26326	0.172473	1.9095	1.9095	0.180471	0.530715	-1.88425	0.0886643	0.433175	-2.30854	0.239232	0.577508	-1.73158	0.353667	1.52975	1.52975	0.391059	0.676058	-1.47916	0.0681279	0.402533	-2.48427	2.03457	6.39432	2.79364	1
cg27640937	ST18	0.165144	0.302945	0.741675	-1.34855	0.0434999	0.6452	-1.55019	0.0509223	0.6094223	-1.64096	0.860868	0.9102	-1.09882	0.710102	0.258418	-3.87036	0.230436	0.73049	-1.36949	0.0158338	0.662706	-1.50902	0.0798207	0.660971	1.51312	0.0158338	0.664582	-1.50455	2.03456	3.1141	1.44792	1
cg08343754	HEXB	0.165155	0.136441	0.727278	-1.37499	0.0235422	0.71052	-1.75102	0.35222	0.922203	-1.08407	0.0158995	0.737361	-1.35619	0.71612	0.93008	-1.07518	0.3312	0.819559	-1.22017	0.379279	1.19605	1.19605	0.539687	1.13115	1.13115	0.955725	0.989041	-1.01108	2.03453	1.26933	0.55457	1
cg08187585	FLI1	0.165156	0.0782669	0.580928	-1.72157	0.134676	0.421548	-2.37158	0.664107	0.7993166	-1.25077	0.122997	0.537182	-1.86157	0.0386515	0.35078	-2.85107	0.415548	0.684931	-1.46	0.0031	0.244462	-4.09061	0.0242459	0.605435	-1.4938	0.11403	0.455158	-2.19725	2.03452	0.74365	0.42001	1
cg05015635	GAS1	0.16516	0.540562	0.886934	-1.12748	0.0450361	0.640542	-1.56118	0.223705	1.28091	1.28091	0.158539	0.746838	-1.33898	0.317442	0.8186313	-1.22158	0.598314	1.10845	1.10845	0.0761019	1.46558	1.46558	0.489295	0.828714	-1.14572	0.563523	1.11974	1.11974	2.0345	2.1086	0.528045	1
cg23818062	CLIP1;CLIP1	0.165161	0.650325	0.852576	-1.17292	0.0125868	2.95801	2.95801	0.0456896	2.22709	2.22709	0.934817	0.973956	-1.02674	0.765362	1.11027	1.11027	0.446038	1.31189	1.31189	0.399826	1.3515	1.3515	0.354734	0.824436	-1.21295	0.533244	0.801723	-1.24731	2.0345	3.9357	1.71954	1
cg20772590	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.165162	0.0429168	0.257873	-3.87788	0.369	1.71036	1.71036	0.84728	1.11869	1.11869	0.447878	0.637664	-1.56822	0.106332	0.358495	-2.78944	0.556586	1.41325	1.41325	0.080133	0.332347	-3.00961	0.102369	0.35352	-2.82869	0.187842	0.444038	-2.25206	0.20449	10.9029	4.76358	1
cg04582925	VPS53;VPS53	0.165163	0.818367	0.705637	-1.41736	0.0285411	1.7659	1.7659	0.0881722	1.99944	1.99944	0.514879	1.14556	1.14556	0.677247	1.03993	1.03993	0.313807	1.21444	1.21444	0.0151097	1.15634	1.15634	0.88844	0.960583	-1.03137	0.776243	1.06469	1.06469	2.03461	1.56061	0.681847	1
cg13212232	CDP53	0.165163	0.35578	0.862421	-1.15953	0.265994	0.847462	-1.19795	0.359619	1.15809	1.15809	0.107185	0.760324	-1.31523	0.600021	1.08594	1.08594	0.189518	1.24426	1.24426	0.0198626	0.645242	-1.54981	0.876487	0.976055	-1.02453	0.780101	0.957323	-1.04458	2.03448	0.782371	0.341827	1
cg01330080	ECE2;ECE2;ECE2;ECE2	0.165165	0.0444341	0.353349	-2.84617	0.870461	1.07675	1.07675	0.467375	1.39807	1.39807	0.349822	0.646563	-1.54664	0.0375674	0.335129	-2.98393	0.0697652	0.398047	-2.5066	0.176002	0.521041	-1.91923	0.258968	0.586455	-1.70516	0.225452	0.561667	-1.78041	0.20447	6.61588	2.89057	1
cg05013676	KANK3	0.165168	0.454653	0.748319	-1.33629	0.0778288	0.65652	-1.52309	0.0939858	0.6455153	-1.54918	0.205918	0.6455153	-1.54918	0.205918	0.32142	-3.11242	0.313209	0.672284	-1.48754	0.0224397	0.181102	-5.52042	0.0181102	0.334554	-2.98946	0.0224397	0.446896	-2.23795	0.759162	-1.31724	0.20445	0.230995	1
cg18512205	GPR176	0.16517	0.479851	1.48529	1.48529	0.363951	1.67176	1.67176	0.424093	0.637846	-1.56778	0.496711	1.46241	1.46243	0.0275372	0.22621	-4.42066	0.457513	1.51669	1.51669	0.209516	2.072	2.072	0.168968	0.24169	2.24169	0.275722	0.535505	-1.8674	2.03444	9.77528	4.27102	1
cg18502617	C11orf30;KCNK4	0.165174	0.0841349	0.812632	-1.23057	0.783831	0.570122	-1.75401	0.0651195	0.2625168	-3.80918	0.0239501	0.2625168	-3.80918	0.0239501	0.0842492	-11.8692	0.157975	1.1515	0.884615	0.167007	0.242895	-4.11705	0.0242895	0.242895	-4.11705	0.0242895	0.242895	-4.11705	2.03445	2.0095	1.0054	1
cg19076479	L3MBTL3;L3MBTL3	0.165177	0.589687	0.996131	-1.00388	0.0223131	2.27348	2.27348	0.0780476	1.79903	1.79903	0.242591	0.692959	-1.44309	0.290198	1.38991	1.38991	0.918332	1.03124	1.03124	0.165228	1.55888	1.55888	0.60406	0.854781	-1.16989	0.227556	1.46244	1.46244	2.0344	2.8985	1.26644	1
cg11475580	CAMSAP1L1	0.165179	0.634993	0.933059	-1.07174	0.350372	1.41943	1.41943	0.675308	1.063	1.063	0.516448	0.909086	-1.10001	0.0523436	1.37673	1.37673	0.88106	0.978541	-1.02193	0.658859	0.919655	-1.08649	0.0528877	0.727037	-1.37545	0.0748276	1.33308	1.33308	2.0344	0.676364	0.295524	1
cg00659447	KLK12;KLK13;KLK12	0.165179	0.219141	0.4583	-2.18254	0.14051	0.70599	-1.41669	0.0739393	0.8237973	-1.21401	0.0469764	0.8237973	-1.21401	0.0469764	0.72439	-1.38078	0.678804	0.849552	-1.17742	0.0917462	0.4854	-2.06011	0.0917462	0.4854	-2.06011	0.0917462	0.4854	-2.06011	2.03446	1.74074	1.04974	0.189847	0.666694	-1.49994	2.03439	2.746	1.20008	1
cg11887234	SMUG1	0.16518	0.949439	1.02299	1.02299	0.0264721	0.567654	1.56765	0.0626112	2.1191	2.1191	0.911233	0.960818	-1.04078	0.230529	0.637097	-1.56962	0.578066	0.817598	-1.22309	0.259509	1.52439	1.52439	0.988671	1.0051	1.0051	0.130798	1.79461	1.79461	2.03438	4.13898	1.80846	1
cg01581882	HDAC11;HDAC11	0.165182	0.353283	0.852306	-1.17324	0.0464991	1.18564	1.18564	0.0178415	1.33441	1.33441	0.378413	1.858032	-1.14955	0.0468128	0.8243433	-1.2323	0.577858	0.90914	-1.09994	0.0548487	0.6915566	-1.44603	0.0548487	0.6915566	-1.44603	0.0548487	0.6915566	-1.44603	2.03442	0.983853	-1.01745	0.265192	1.21742	1.04637	2.03449	0.404122	1
cg03698702	PSENEN;U2AF1L4;U2AF1L4	0.165183	0.917824	1.10316	1.01316	0.0503936	1.32636	1.32636	0.916143	1.01343	1.01343	0.0394356	0.882822	-1.13273	0.537951	0.92406	-1.08218	0.815103	1.03011	1.03011	0.341373	1.1322	1.1322	0.208192	0.18299	1.18299	0.016624	1.44828	1.44828	2.03436	0.516748	0.225786	1
cg23025416	INPP5B	0.165187	0.327157	1.69827	1.69827	0.0844372	2.71648	2.71648	0.657183	1.26347	1.26347	0.916205	0.946388	-1.05655	0.215012	0.504923	-1.9805	0.300231	0.570037	-1.75427	0.115602	2.4487	2.4487	0.0328089	3.69629	3.69629	0.96572	0.97775	-1.02276	0.24034	8.83211	3.85912	1
cg18481683	PAPL	0.165189	0.805969	1.07184	1.07184	0.16296	1.39564	1.39564	0.516646	1.47184	1.47184	0.1882225	0.906203	-1.10351	0.473414	0.883233	-1.1323	0.837847	1.07622	1.07622	0.0206997	1.48206	1.48206	0.0548903	0.9155	1.0755	0.0548903	0.9155	1.0755	2.03439	2.04122	1.0755	0.404122	1
cg03698702	PSENEN;U2AF1L4;U2AF1L4	0.165183	0.917824	1.10316	1.01316	0.0503936	1.32636	1.32636	0.916143	1.01343	1.01343	0.0394356	0.882822	-1.13273	0.537951	0.92406	-1.08218	0.815103	1.03011	1.03011	0.341373	1.1322	1.1322	0.208192	0.18299	1.18299	0.016624	1.44828	1.44828	2.03436	0.516748	0.225786	1
cg23025416	INPP5B	0.165187	0.327157	1.69827	1.69827	0.0844372	2.71648	2.71648	0.657183	1.26347	1.26347	0.916205	0.946388	-1.05655	0.215012	0.504923	-1.9805	0.300231	0.570037	-1.75427	0.115602	2.4487	2.4487	0.0328089	3.69629	3.69629	0.96572	0.97775	-1.02276	0.24034	8.83211	3.85912	1
cg18481683	PAPL	0.165189	0.805969	1.07184	1.07184	0.16296	1.39564	1.39564	0.516646	1.47184	1.47184	0.1882225	0.906203	-1.10351	0.473414	0.883233	-1.1323	0.837847	1.07622	1.07622	0.0206997	1.48206	1.48206	0.0548903	0.9155	1.0755	0.0548903	0.9155	1.0755	2.03439	2.04122	1.0755	0.404122	1
cg18080856	KIF26A	0.165188	0.514066	0.912923	-1.09538	0.6677627	0.732383	-1.36541	0.487177	0.898117	-1.11344	0.672414	0.937313	-1.06688	0.426413	1.13158	1.13158	0.170331	1.24892	1.24892	0.05849	1.38376	1.38376	0.147146	0.789147	-1.26719	0.489357	1.1182	1.1182	2.03433	0.746521	0.326188	1
cg09140098	RDH2	0.165189	0.488802	0.791681	-1.26283	0.0858154	1.29211	1.29211	0.0662377	1.269558	1.269558	0.0477264	0.9977	-1.00229	0.974736	1.17029	1.17029	0.555922	0.807722	-1.23806	0.0452905	1.17856	1.17856	0.382064	0.722283	-1.3845	0.107083	0.609615	-1.64021	2.03427	1.18447	0.472467	1
cg23400715	FAM19A5	0.165196	0.13097	0.381763	-2.61943	0.574527	1.39786	1.39786	0.908676	0.9344885	-1.07011	0.211467	0.459632	-2.17565	0.022212	0.198164	-5.04633	0.0758387	0.311377	-3.21155	0.412182	0.6095502	-1.64068	0.348116	1.76901	1.76901	0.234451	0.479049	-2.08747	0.20428	11.2341	4.90881	1
cg15155201	TEAD1	0.165196	0.497706	0.798216	-1.25196	0.0265991	0.348112	-2.87264	0.0429429	0.4459904	-2.25274	0.644733	1.58231	1.58231	0.0212468	0.570232	-1.45984	0.827864	1.08171	1.08171	0.0396669	1.27283	1.27283	0.0796469	1.28035	1.28035	0.0282999	1.20482	1.20482	2.03428	4.45158	1.58153	1
cg09051021	C10orf140	0.165196	0.454137	1.13193	1.13193	0.165311	1.20773	1.20773	0.854026	1.03039	1.03039	0.00920935	1.584333	-1.71141	0.293424	0.837671	-1.19379	0.313011	0.867466	-1.15278	0.335215	0.8508856	-1.17529	0.613806	0.920624	-1.08622	0.573778	1.09623	1.09623	2.03428	0.850217	0.37186	1
cg18227471	NKX6-3	0.165197	0.138344	0.44689	-2.23769	0.6344	0.785185	-1.27359	0.0491591	0.3218573	-3.10681	0.392075	0.642344	-1.5568	0.0192011	0.299821	-3.33532	0.949472	1.03251	1.03251	0.101437	0.4044224	-2.47266	0.0598806	0.342414	-2.92044	0.103072	0.406491	-2.46008	0.24028	8.21029	3.58753	1
cg08379738	DENND1C	0.165203	0.0304037	5.96402	5.96402	0.833977	1.15874	1.15874	0.2033403	2.03033	2.03033	0.198183	1.39074	1.39074	0.340984	0.9435	0.9435	0.572523	0.672042	1.488	0.344561	1.25832	1.25832	0.357947	0.9493	0.9493	0.357947	1.25832	1.25832	2.03427	2.29067	0.015847	0.59593	1
cg21283714	TMCC2	0.165204	0.331831	0.485369	-2.06029	0.498176	1.63818	1.63818	0.454663	1.72461	1.72461	0.0206211	0.118157	-8.46332	0.945072	0.9513999	-1.05042	0.821598	1.17507	1.17507	7	7	7	0.141982	3.3816	3.3816	0.340336	2.03232	2.03232	2.28261	15.5973	5.12484	1
cg08322011	FANCF	0.165204	0.136848	0.449707	-1.55801	0.219914	1.40088	1.40088	0.301743	1.33312	1.33312	0.147459	0.65842	-1.51879	0.0808285	0.504193	-1.98296	0.926314	1.02113	1.02113	0.175315	1.38737	1.38737	0.506844	0.8539762	-1.16447	0.84057	1.04659	1.04659	2.03423	2.3291	1.01774	1
cg07536151	MAP2K5;MAP2K5	0.165205	0.02688676	0.552854	-1.80925	0.100508	1.50198	1.50198	0.1441	0.8024489	-1.24612	0.220578	0.7473777	-1.33809	0.59542	1.12882	1.12882	0.926314	1.02113	1.02113	0.175315	1.38737	1.38737	0.506844	0.8539762	-1.16447	0.84057	1.04659	1.04659	2.03423	2.3291	1.01774	1
cg01891711	RAC2	0.165206	0.117932	0.447441	-2.23493	0.151296	0.462699	-2.07168	0.163712	0.497945	-2.00826	0.103892	0.461791	-2.16548	0.0426989	0.311165	-3.01964	0.2554	0.569822	-1.75494	0.0183929	0.153815	-6.50025	0.0153815	0.257836	-3.87909	0.0183929	0.257836	-3.87909	2.03424	7.22881	3.15875	1
cg00149753	DDX4;DDX4;DDX4;DDX4	0.165208	0.531686	1.16648	1.16648	0.168888	1.92921	1.92921	0.324654	1.646446	1.646446	0.2264644	1.276	1.276	0.0799169	1.28255	1.28255	0.393998	1.02034	1.02034	0.112711	0.7996	0.7996	0.0239353	1.0204	1.0204	0.0239353	1.0204	1.0204	2.03419	0.679123	1.1064	0.0239353	0.183812	1
cg03291519	PPM1H	0.165212	0.887762	0.98572	-1.01449	0.0422586	0.787983	-1.26906	0.7307	1.03582	1.03582	0.699384	0.961251	-1.04031	0.0409008	0.786357	-1.27169	0.129196	0.846215	-1.18173	0.482165	0.929828	-1.07547	0.579061	1.05873	1.05873	0.169314	1.16082	1.16082	2.03419	0.334196	0.146035	1
cg09344911	DNAH10	0.165213	0.0500015	0.452043	-2.21218	0.8469801	1.07108	1.07108	0.713155	1.83441	1.83441	0.2122568	0.6270332	-1.59482	0.1540127	0.104007	1.8804	1.8804	0.2122568	0.6270332	-1.59482	0.1314559	1.7751	1.7751	0.1315553	1.78275	1.78275	0.798904	0.9193296	-1.09493	0.7272191	0.8808889	-1.13522	2.04919	4.0661	1.77678	1
cg21123203	CC2D2A;CC2D2A;CC2D2A	0.165221	0.475257	0.684465	-1.461	0.00463071	0.13986	-7.15	0.473563	1.4632	1.4632	0.948497	0.966831	-1.03431	0.194364	0.488255	2.04811	0.735768	0.837894	-1.19347	0.534935	0.7202772	-1.38837	0.730067	0.834549	-1.19825	0.932472	1.04525	1.04525	2.03414	0.87434	0.33863	1
cg23430644	PCNX1;3	0.165222	0.0774836	0.469321	-2.13074	0.7748231	0.465389	-2.14874	0.0355429	0.380349	-2.56839	0.590442	0.811045	-1.23298	0.136263	0.538597	-1.85668	0.668239	0.846887	-1.1808	0.252136	1.58585	1.58585	0.43724	0.736774	-1.35727	0.637725	1.20061	1.20061	2.03412	4.78678	2.09177	1
cg15743990	NTRK2;INSR	0.165225	0.0812145	0.475351	-2.10967	0.2128969	0.48095	-2.08005	0.0722229	0.4041	-2.47571	0.624369	0.6024	-1.66013	0.0412791	0.2545	-3.93178	0.382727	0.406691	-2.45961	0.2471	0.80919	-1.23566	0.7890	0.80919	-1.23566	0.7890	0.80919	-1.23566	0.7890	2.03412	0.963119	0.28604	0.80583	-2.39351	4.4161	1.58153	1
cg11798660	DNMT3A;DNMT3A;DNMT3A	0.165226	0.104253	0.241662	-4.13801	0.6601727	0.183546	-5.44823	0.508531	0.584894	-1.70971	0.339759	0.486501	-2.0555	0.163733	0.3047	-3.28192	0.0576785	0.179724	-5.56408	0.38507	0.4906606	-2.0383	0.0862615	0.0963471	-10.3791	0.238837	0.372888	-2.68177	2.03411	20.6004	9.0022	1
cg23690150	ADCK2	0.165233	0.1184407	0.4477	-2.23381	0.818372	0.615246	-1.62516	0.2145546	0.8012565	-1.24816	0.0972227	0.8012565	-1.24816	0.0972227	0.862779	1.067	1.067	0.260414	0.4814116	0.2075138	0.380474	-2.62963	0.1664	0.380474	-2.62963	0.1664	0.380474	-2.62963	0.1664	2.03411	0.380474	0.37883	1
cg24503105	KIAA1751	0.165232	0.0639202	0.338012	-2.95848	0.548033	0.728611	-1.37247	0.95424	1.03034	1.03034	0.588126	0.752166	-1.32949	0.0138182	0.20497	-4.87875	0.305878	0.575682	-1.73707	0.0373137	0.283541	-3.52683	0.386215	0.629599	-1.58831	0.417005	0.649183	-1.5404	2.03407	0.739198	3.81938	1
cg03916694	FLI1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 127 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. 537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19715567	GRB7;GRB7	0.16544	0.048813	18.6252	18.6252	0.03435115	24.738	24.738	0.6906939	1.66315	1.66315	0.332808	3.66441	3.66401	0.975888	1.04007	1.04007	0.519573	2.33628	2.33628	0.459065	0.376117	-2.65875	0.780661	1.4374	1.4374	0.0336328	27.1444	27.1444	2.03281	54.3928	23.7844	1
cg25135555	GAS7;GAS7;GAS7;GAS7	0.16544	0.378665	0.48828	-2.048	0.0266217	0.84781	0.84781	0.183594	3.06409	3.06409	0.905032	0.909619	-1.09936	0.615309	1.49502	1.49502	0.715605	0.747952	-1.33698	0.808197	0.215085	-4.64932	0.382086	2.03699	2.03699	0.361861	0.475262	-2.1041	2.03281	20.281	8.86828	1
cg10597485	NCOR2;NCOR2	0.165448	0.888216	0.975186	-1.02545	0.258711	1.23433	1.23433	0.0201952	1.64947	1.64947	0.479521	1.13703	1.13703	0.908371	1.02078	1.02078	0.687042	0.9302	-1.07504	0.0163592	1.68933	1.68933	0.58414	1.10379	1.10379	0.412212	1.16159	1.16159	2.03276	1.02759	0.449345	1
cg26932080	C17orf44	0.165448	0.291409	1.24521	1.24521	0.0507025	0.640188	-1.56209	0.139266	2.270934	-1.37545	0.358685	1.20814	1.20814	0.812754	0.953574	-1.04869	0.086745	1.46081	1.46081	0.188191	0.756276	-1.32227	0.7614	1.06291	1.06291	0.528333	0.87987	-1.13653	2.03276	1.29208	0.565002	1
cg21219256	GAS2L2	0.165451	0.516237	0.902433	-1.10812	0.204845	0.81673	-1.23202	0.103398	0.757389	-1.32033	0.491043	0.866642	-1.11527	0.0427508	0.695048	-1.43875	0.209877	0.83741	-1.22889	0.11994	1.30099	0.609324	0.922756	-1.08371	0.293208	1.18593	1.18593	2.03275	0.783183	0.342474	1
cg20776057	HASA12	0.165451	0.236695	1.35299	1.35299	0.0798808	0.622697	-1.60592	0.0769507	0.619042	-1.6154	0.369283	1.25232	1.25232	0.512146	1.17372	-1.17372	0.900414	1.031	1.031	0.0818396	1.6003	1.6003	0.277241	1.31725	1.31725	0.694278	0.908169	-1.10112	2.03274	1.9342	0.837049	1
cg12700439	TLE3;TLE3;TLE3	0.165452	0.0858928	4.3329	4.3329	0.12699	3.57896	3.57896	0.818395	1.19443	1.19443	0.212569	2.75726	2.75726	0.85221	0.865824	-1.15497	0.17953	3.00816	3.00816	0.0740905	4.65369	4.65369	0.0462603	5.83528	5.83528	0.0431866	6.03095	6.03095	2.03274	19.2131	8.40161	1
cg03901883	DCAF3	0.165459	0.164263	0.541171	-1.84785	0.2204187	1.72923	1.72923	0.9550227	1.02861	1.02861	0.882776	0.96074	-1.04095	0.167755	0.559539	-1.78706	0.334248	0.662296	-1.50951	0.0697474	1.50972	1.50972	0.302893	-3.30152	0.351168	1.44977	1.44977	0.131927	0.660901	-1.51309	2.0327	5.51101	2.40994	1
cg06383241	MAP1LC3B2	0.165461	0.8859637	0.279535	3.57605	0.0201073	0.152127	6.57947	0.0242337	4.646623	-6.07447	0.259396	0.45378	2.20373	0.469898	0.610353	-1.6384	0.239666	0.497421	2.28613	0.147134	0.351769	-2.84278	0.386291	0.550774	-1.81583	0.346106	0.521211	-1.91861	2.03268	14.519	6.34912	1
cg18774318	ZNF180	0.165463	0.783754	0.969477	-1.03148	0.831837	1.02425	1.02425	0.42402	1.09637	1.09637	0.0834542	1.24099	1.24099	0.0509134	1.28478	1.28478	0.907497	1.01318	1.01318	0.446608	1.09135	1.09135	0.132938	1.20043	1.20043	0.0155784	1.39686	1.39686	2.03267	0.408781	0.178761	1
cg17341844	MIR494	0.165463	0.541393	1.79764	1.79764	0.2135238	1.16341	1.16341	0.7215881	1.04004	1.04004	0.284455	0.85497	-1.16959	0.0995122	1.0004	1.0004	0.564135	1.77232	1.77232	0.0115847	1.27352	1.27352	0.0896848	1.09648	1.09648	0.694536	0.86516	-1.15586	2.03264	4.31562	1.896	1
cg21935742	UMOD1L;UMOD1L	0.165474	0.490592	0.811855	-1.23175	0.325324	1.35299	1.35299	0.0309072	0.47032	-2.12621	0.0702839	0.547563	-1.82628	0.128596	0.613294	-1.63054	0.14794	0.629999	-1.58731	0.841525	0.942151	-1.0614	0.195977	0.665621	-1.50236	0.127492	0.612287	-1.63322	2.0326	2.85235	1.24737	1
cg07658258	CHST10	0.165476	0.540463	0.877544	-1.13941	0.4049729	0.623679	-1.60359	0.1155358	0.659749	-1.51491	0.554499	1.13418	1.13418	0.259048	1.28124	1.28124	0.729485	0.92905	-1.07615	0.6498528	1.60179	1.60179	0.647341	0.904019	-1.10605	0.756895	1.06758	1.06758	2.0326	1.42796	0.624469	1
cg17241937	C5orf26;FILIP1L;MIR548G;FILIP1L	0.165476	0.279082	0.730529	-1.36887	0.133271	0.636383	-1.57138	0.0651961	0.561247	-1.78175	0.242449	0.710833	-1.40684	0.722042	0.905145	-1.1048	0.450904	1.23903	1.23903	0.562738	1.84936	-1.17735	0.111495	0.616523	-1.622	0.0181664	0.449208	-2.22614	2.03259	2.50604	1.09594	1
cg22055513	LOC284370	0.165476	0.449903	1.36995	1.36995	0.797917	0.900416	-1.1106	0.612125	1.2325	1.2325	0.212615	1.71036	1.71036	0.00910696	0.258036	-3.87542	0.906321	1.04931	1.04931	0.432911	1.38706	1.38706	0.681076	1.18407	1.18407	0.322572	0.658525	0.59283	5.38083	2.35313	1
cg10314221	SCAND2;SCAND2	0.165476	0.613001	0.853723	-1.17409	0.674844	1.14191	1.14191	0.66132	0.851805	-1.17398	0.0419525	0.585938	-1.59109	0.221154	1.49885	1.49885	0.153426	0.618169	-1.61768	0.641311	0.862746	-1.15909	0.334573	0.808488	1.48404	0.634402	1.1627	1.1627	2.03258	3.18749	1.39395	1
cg17455688	NUP98;PGAP2;PGAP2;PGAP2	0.165478	0.124044	1.39157	1.39157	0.0277965	1.67516	1.67516	0.157106	0.740673	-1.35012	0.780644	0.946121	-1.05695	0.794179	0.949451	-1.05324	0.171206	1.33514	1.33514	0.140492	1.36967	1.36967	0.707157	0.937861	-1.07775	0.951358	0.98797	-1.01218	2.03258	1.26703	0.5541	1
cg10313625	NUP98;PGAP2;PGAP2;PGAP2	0.165479	0.0503489	1.087953	-5.32048	0.1805021	2.83525	2.83325	0.342776	0.284508	-3.51831	0.0683074	0.216651	-4.61572	0.781481	0.811909	-1.23167	0.0807792	2.62433	2.62433	0.46704	0.328705	-3.04274	0.44935	-2.22542	0.486702	0.588858	-1.6982	2.03257	18.0753	7.90472	1
cg10236414	SLITRK1;SLITRK1	0.16548	0.493997	1.08985	1.08985	0.682791	0.950375	-1.05222	0.443081	0.90767	-1.10172	0.317609	1.13652	1.13652	0.40762	0.900387	-1.11063	0.0120245	0.678393	-1.47407	0.679445	0.949829	-1.05282	0.631533	0.941901	-1.06168	0.133845	1.22175	1.22175	2.03257	0.493993	0.216034	1
cg17955329	DTX1	0.165484	0.875438	1.10887	1.10887	0.0775581	0.513111	-1.94811	0.0453254	0.543853	-1.83853	0.871724	0.899012	-1.11233	0.774346	1.10849	1.10849	0.73044	1.2559	1.2559	0.202404	2.42695	2.42695	0.899809	1.08652	1.08652	0.560498	1.47369	1.47369	2.03254	13.9713	6.31006	1
cg01453441	STAT4;STAT4	0.165485	0.878328	1.10043	1.10043	0.20868	2.28856	2.28856	0.581035	1.41652	1.41652	0.899978	0.924454	-1.08172	0.762627	0.841331	-1.18859	0.307512	0.516913	-1.93456	0.00707608	0.794868	0.794868	0.212809	2.23293	2.23293	0.982206	1.01403	1.01403	2.03254	12.5622	5.4938	1
cg26228394	ADCY9	0.165485	0.236474	1.20126	1.20126	0.0162235	0.652165	-1.53265	0.0603583	0.560587	-1.78433	0.240552	0.880937	-1.13554	0.0605802	1.14582	1.14582	0.0135092	0.741787	1.34854	0.0135092	1.35189	1.35189	0.0134941	1.56393	1.56393	0.0134941	1.78268	1.78268	2.03264	0.983446	0.418683	1
cg03031868	ESD	0.165487	0.858777	1.04031	1.04031	0.194143	0.737252	-1.35639	0.886961	1.03207	1.03207	0.0100864	2.05528	2.05528	0.752023	0.932077	1.07287	0.638464	1.11073	1.11073	0.53324	0.869329	-1.15031	0.260417	0.770684	-1.29755	0.327702	1.25131	1.25131	2.03252	1.58508	0.693206	1
cg11260046	ME1;ME1	0.165488	0.0340012	13.081	13.0081	0.157926	4.78353	4.78353	0.0924361	6.82011	6.82011	0.210721	3.93011	3.93011	0.501046	2.02994	2.02994	0.742018	1.40841	1.40841	0.117828	5.81651	5.81651	0.0241669	17.5334	17.5334	0.257233	3.4069	3.4069	2.03252	34.5975	15.1306	1
cg10469132	PARD3B;PARD3B;PARD3B	0.165492	0.0484535	2.0488	2.0488	0.0238906	0.09176	-5.167	0.0077553	0.280676	0.09815	0.247357	0.471268	-2.17189	0.300103	0.513588	-1.94709	0.0901684	2.11008	2.11008	0.0135383	0.540284	0.540284	-1.85087	0.0994	1.00656	2.0325	12.3014	5.41922	1
cg10850080	CPXM1	0.165493	0.0482972	0.26276	-3.80575	0.141778	0.54882	0.54882	0.400138	0.600427	-1.66548	0.273304	0.509035	-1.9645	0.0661865	0.295071	-3.38901	0.136041	0.3862	-2.58933	0.267071	0.504185	-1.9834	0.152672	0.40364	-2.47746	0.381739	0.587822	-1.7012	2.03249	11.2919	4.93842	1
cg07224726	LVRN	0.165494	0.152315	0.52025	0.52025	0.0588156	0.72137	0.72137	0.353482	0.766564	0.649723	0.148422	0.614859	1.62647	0.104493	1.63402	1.63402	0.778469	0.74296	-1.3456	0.897598	1.15117	1.15117	0.615183	0.83752	0.20752	0.240664	1.02166	1.02166	2.03249	35.6241	15.5799	1
cg01886570	ZHX2	0.165494	0.930168	0.973121	-1.02762	0.1090797	1.03093	1.03093	0.0549266	1.9673	1.9673	0.422833	0.775302	-1.28982	0.0937493	0.975913	1.02468	0.740431	0.901812	1.11088	0.84318	0.208831	0.74882	-1.33551	0.208831	0.74882	-1.33551	1.02502	0.661223	0.871897	2.14692	0.32049	1.11076	1.36046	1
cg11705699	KLHDC4	0.165495	0.478285	1.148	1.148	0.0472411	0.647482	-1.54445	0.6521	1.09078	1.09078	0.561773	1.11887	1.11887	0.541326	0.888355	-1.12568	0.645731	1.09267	1.09267	0.0299452	1.63063	1.63063	0.903164	1.02358	1.02358	0.171018	0.756484	-1.3219	2.03248	1.17994	0.516039	1
cg16442715	MAP3K7IP1;MAP3K7IP1	0.165497	0.7221081	1.07221	1.07221	0.2814256	0.879777	-1.1446	0.0557847	0.813467	1.53346	0.0127551	0.83063	-1.20384	0.0127551	1.53166	1.53166	0.39361	1.18602	1.18602	0.3127555	0.827285	-1.20845	0.945709	0.827285	-1.20877	0.916341	1.34819	1.34819	2.03247	12.0106	5.33659	1
cg01349370	BAT2	0.165498	0.736084	1.06829	1.06829	0.273063	1.24952	1.24952	0.0533143	1.53525	1.53525	0.24009	0.786463	-1.27152	0.145537	0.736978	-1.35689	0.666191	1.08845	1.08845	0.14229	0.734882	-1.36076	0.264406	0.796788	-1.25504	0.281776	1.24414	1.24414	2.03246	1.12762	0.536894	1
cg07428421	DDC2A	0.165499	0.8499	1.17647	1.17647	0.2722721	0.780624	1.28142	0.0613441	1.72139	1.72139	0.296339	1.24963	1.24963	0.852324	1.0391	1.0391	0.571922	0.734454	-1.36176	0.0319405	0.164206	-6.68989	0.0823152	0.250629	-3.99017	0.188756	0.365799	2.72036	2.03228	16.4263	7.27268	1
cg02369618	C16orf35;C16orf35;C16orf35	0.165501	0.60746	0.730515	-1.3689	0.420212	1.64717	1.64717	0.0977853	0.332607	-3.00655	0.83936	1.13089	1.13089	0.0601647	0.276706	3.61395	0.150741	0.393263	2.54283	?	?	0.524951	1.47758	1.47758	0.128526	2.70627	2.70627	2.04693	10.5828	5.17009	1
cg25745795	ARX	0.165503	0.6622399	0.303632	-3.29346	0.126658	0.391325	-2.55542	0.671259	0.784722	-1.27434	0.155976	0.422352	-2.36769	0.0862694	0.340881	-2.93558	0.15031	0.416622	-2.40026	0.0160802	0.187723	-5.32701	0.248172	0.503822	-1.98483	0.272599	0.522868	-1.91253	0.03243	10.3797	4.53956	1
cg08384914	RAD51L1;RAD51L1;RAD51L1	0.165506	0.2670701	1.48148	1.48148	0.0258904	0.601166	-1.66343	0.788138	0.941238	-1.06243	0.44863	0.702727	-1.4231	0.0900103	0.531588	-1.88125	0.0699184	1.43008	1.43008	0.0143641	0.380158	2.63049	0.0150684	0.540284	-1.85087	0.09941	0.326098	-3.06666	0.0238413	0.983446	1.05252	1.0252	2.03241	1.62731	0.71713	1
cg17524444	MFN1	0.165509	0.595133	1.22858	1.22858	0.57077	0.802602	-1.24595	0.981893	1.00875	1.00875	0.990105	0.995209	-1.00481	0.0352895	0.390256	-2.56242	0.906347	0.955833	-1.04621	0.130818	1.87049	1.87049	0.0321818	2.61953	2.61953	0.998834	0.999439	-1.00056	2.0324	4.74188	2.07391	1
cg14008465	WDR46;WDR46	0.165514	0.0698644	0.7209	0.7209	0.1679871	1.118	1.118	0.893911	0.970569	-1.03032	0.681046	0.912097	-1.09657	0.0917004	1.09599	1.09599	0.963643	0.98945	-1.0106	0.9209711	1.07784	1.07784	0.386264	1.13237	1.13237	0.117097	0.735289	0.93378	1.07091	2.03237	1.5925	0.697708	1
cg08128766	RPS-10229E2;RPS-10229E.2	0.165514	0.450936	0.763788	-1.30926	0.378392	1.37307	1.37307	0.844809	1.06925	1.06925	0.962748	0.983749	-1.01652	0.485732	1.2821	1.2821	0.688657	0.868229	-1.15177	0.00793583	0.302935	-3.30104	0.444897	0.760931	-1.31418	0.245419	1.53145	1.53145	2.03236	0.96146	1.73261	1
cg21351834	HNMT;HNMT;HNMT	0.165514	0.272527	0.740363	-1.35069	0.0119047	0.437707	-2.28463	0.157831	0.671999	-1.4881	0.804051	1.06762	1.06762	0.949634	0.98351	-1.01677	0.218952	1.40539	1.40539	0.910903	0.970966	-1.0299	0.481411	0.828114	-1.20727	0.164143	0.676544	-1.4781	2.03236	2.03218	0.975381	1
cg06462291	NTSIC3	0.165515	0.0479585	2.0479	2.0479	0.1679851	1.118	1.118	0.893911	0.970569	-1.03032	0.681046	0.912097	-1.09657	0.0917004	1.09599	1.09599	0.963643	0.98945	-1.0106	0.9209711	1.07784	1.07784	0.386264	1.13237	1.13237	0.117097	0.735289	0.93378	1.07091	2.03237	1.5925	0.697708	1
cg01196842	MARCH7;MARCH7	0.165516	0.0837365	0.810378	-1.23399	0.72045	0.961293	-1.04027	0.101281	1.21788	1.21788	0.640384	0.949626	-1.05305	0.386274	1.12923	1.12923	0.17771	0.854403	-1.17041	0.387298	0.90724	-1.10234	0.436673	1.09108	1.09108	0.0875832	1.23018	1.23018	2.03235	0.388451	0.169896	1
cg06759328	ACER3	0.165519	0.2505572	1.33055	1.33055	0.0731625	0.617963	-1.61824	0.13772	0.726373	-1.37672	0.184779	0.606619	-1.64853	0.0676123	0.834863	-1.19797	0.164969	1.24009	1.24009	0.0511505	1.44877	1.44877	0.0275003	2.02032	-4.87046	0.475707	0.631418	-1.58359	2.03235	4.10915	1.78265	1
cg04350610	BTAF1	0.16552	0.495832	1.10817	1.10817	0.0177154	1.53475	1.53475	0.888542	0.979388	-1.02105	0.854234	0.973055	-1.02769	0.715369	1.0559	1.0559	0.836476	0.96977	-1.03117	0.271471	0.843641	-1.18534	0.230916	1.20521	1.20521	0.0425348	1.41463	1.41463	0.33233	0.710029	0.310548	1
cg13247595	FDX1L	0.165522	0.207564	0.843564	-1.20112	0.0109594	0.153928	-6.49569	0.288671	1.16571	1.16571	0.697464	1.05535	0.936976	0.0196906	1.01096	1.01096	0.158444	0.917093	1.10719	0.718464	0.184441	1.08081	0.484071	1.30156	1.30156	0.133253	0.611985	0.267667	1
cg08108487	PTPN12;PTPN12;PTPN12	0.165522	0.179347	0.742299	-1.34707	0.0159195	0.519342	-1.92551	0.502021	0.6471	0.6471	0.891063	0.02904	-1.73767	0.0135795	0.07891	0.07891	0.351198	1.22197	1.22197	0.159365	0.183477	0.183477	-5.44988	0.0239	0.0239	0.0020203	0.753743	0.753743	2.03235	0.409009	0.164554	1
cg04155174	LOC646214	0.165523	0.0628198	0.276753	-3.61333	0.102282	0.333752	-2.99623	0.544211	0.68612	-1.45747	0.653138	0.757583	-1.31999	0.0758639	0.29746	-3.36179	0.886619	0.315762	-3.16694	0.0281413	0.203686	-4.90951	0.152763	0.3907	-2.55951	0.141954	0.379468	-2.63527	0.20231	12.1226	5.30219	1
cg26145378	CRMP1	0.165523	0.421664	0.758544	-1.31825	0.0919957	1.86726	1.86726	0.0145705	1.49469	1.49469	0.3867	0.74646	-1.33946	0.0145705	0.671888	-1.48907	0.565761	1.2582	1.2582	0.152447	1.80489	1.80489	0.0170345	-1.75132	0.088089	1.05177	1.05177	0.40231	0.364699	1.53512	1
cg26805238	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.165526	0.183602	1.54924	1.54924	0.837131	1.06595	1.06595	0.0600521	0.93136	1.93136	0.94946	0.980523	-1.01986	0.4763546	0.798749	-1.25196	0.33454	1.73431	1.36182	?	?	0.453603	0.78908	-1.2673	0.0451653	0.490109	-2.04036	2.04677	2.77439	1.3555	1
cg03141233	IDUA	0.165527	0.0085661	0.178656	-5.59774	0.172722	0.924416	0.924255	0.353944	0.506899	-1.97279	0.475139	0.591907	-1.68945	0.0482024	0.707361	-1.41405	0.531922	0.634414	-1.57626	0.0319405	0.164206	-6.68989	0.0823152	0.250629	-3.99017	0.188756	0.365799	2.72036	2.03228	16.4263	7.27268	1
cg01008041	KLHL5;KLHL5	0.165527	0.464762	0.927511	-1.07815	0.134676	1.18904	1.18962	0.616755	0.87857	-1.08757	0.644843	1.26844	1.26844	0.477576	1.07577	1.07577	0.0460851	1.25856	1.25856	0.330783	0.903484	-1.10683	0.286118	1.12434	1.12434	0.193509	1.14091	1.14091	2.03228	0.329264	0.144015	1
cg17381565	CTSF	0.16553	0.642148	1.92233	1.92233	0.300207	0.221836	-4.50784	0.017074	0.0151945	-65.8135	0.793459	0.69199	-1.44219	?	?	?	0.39755	0.297368	-3.36284	0.263292	5.1411	5.1411	?	?	?	0.253967	0.187701	-5.32762	2.16028	50.6956	23.4671	1
cg26330977	EID2B	0.165533	0.747806	1.07966	1.07966	0.2708	1.34	1.34	0.7147	1.34512	1.24512	0.156124	1.15625	1.15625	0.107682	1.15121	1.15121	0.89174	1.02105	1.02105	0.824055	0.638587	-1.56596	0.964223	1.00688	1.00688	0.978322	0.995852	-1.00404	2.03228	0.753064	0.329382	1
cg11579907	MTHFD1L	0.165531	0.620255	0.876185	-1.14131	0.230162	0.716657	-1.39537	0.327304	0.765214	-1.30682	0.438168	0.811373	-1.23278	0.208183	0.703877	-1.4207	0.968573	1.01048	1.01048	0.0221241	2.06694	2.06694	0.886758	1.03843	1.03843	0.0902377	0.610136	-1.63898	2.03226	2.25404	0.985891	1
cg01288337	RIN3	0.165534	0.1102076	0.355668	-2.81161	0.0116925	0.153929	-6.49651	0.0771495	0.302652	-3.30413	0.344511	0.560836	-1.78305	0.2019453	0.449653	-2.2234	0.479014	0.652171	-1.53334	0.0078991	0.301563	-3.31602	0.464867	0.738912	-1.36442	0.439665	0.624182	-1.6021	2.03224	11.3549	4.96654	1
cg26127203	ATG7;ATG7;ATG7	0.165535	0.252885	1.51146	1.51146	0.0527712	0.462162	-2.16374	0.912649	1.03843	1.03843	0.0286463	0.402276	-2.48586	0.738224	0.891091	-1.12222	0.293214	1.686085	-1.45755	0.332187	1.41252	1.41252	0.599828	1.02628	1.02628	0.844866	1.30481	1.30481	2.03051	1.88996	1.42361	1
cg07906527	ETNK2	0.165535	0.058876	0.283212	-3.53092	0.0460233	0.258722	-3.86515	0.116918	0.365262	-2.73776	0.862548	0.90261	-1.1079	0.0248192	0.260598	-4.853	0.154627	0.40623	-2.46166	0.39303	0.596089	-1.6776	0.988078	1.00887	1.00887	0.328999	0.551178	-1.8143	2.03224	11.2531	4.92204	1
cg14429748	ASTN2;ASTN2;ASTN2	0.165536	0.36141	0.707644	-1.41364	0.0710197	0.989567	-1.01057	0.185126	0.597512	-1.67866	0.394792	1.37886	1.37886	0.066546	0.484923	-2.13475	0.243067	0.637925	-1.56758	0.0577473	2.2053	2.2053	0.437194	1.33928	1.33928	0.256223	0.646077	-1.5478	2.03223	4.57205	1.91271	1
cg06258179	CDK6;CDK6	0.165537	0.533421	0.867916	-1.15218	0.106654	1.48532	1.48532	0.0385765	1.71281	1.71281	0.843192	1.04548	1.04548	0.226542	0.751892	1.32998	0.886369	0.968398	-1.03263	0.0544173	1.63256	1.63256	0.951563	1.01374	1.01374	0.545125	0.842616	-1.18678	2.03223	1.62336	0.71005	1
cg04812615	PAK6;PAK6;PAK6;C15orf56	0.165539	0.1513363	0.666844	-1.49966	0.0127222	0.924416	0.924255	0.353944	0.506899	-1.97279	0.475139	0.591907	-1.68945	0.0482024	0.707361	-1.41405	0.279025	0.513153	-1.94907	0.0104816	0.196463	5.08956	0.0342112	0.254007	3.93776	0.0104816	0.196463	5.08956	2.03223	0.984621	0.431705	1
cg18846314	GAD1;GAD1	0.16554	0.557386	0.788906	-1.26758	0.356116	0.684359	-1.46122	0.435131	0.727471	-1.37462	0.852178	0.92817	-1.07739	0.662816	0.839195	1.19162	0.951669	0.976071	-1.02452	0.0242133	0.392817	-2.54572	0.223419	0.59881	-1.66719	0.024954	0.29403	2.90403	0.23221	1.13897	2.24779	1
cg02551649	FN3KRP	0.16554	0.559995	1.15221	1.15221	0.587361	1.67072	1.67072	0.153452	1.44403	1.44403	0.960535	1.248	1.248	0.862473	1.04256	1.04256	0.274928	0.76104	-1.31399	0.121051	1.66755	-1.49801	0.631329	1.65279	1.65279	0.541614	1.16014	1.16014	2.0322	1.86002	0.813575	1
cg10910512	LAMA4;LAMA4;LAMA4;LAMA4;LAMA4	0.165543	0.453511	0.569953	-1.75453	0.00795114	0.0816394	-12.249	0.0567165	0.204339	-4.89383	0.457263	0.572713	-1.74607	0.363624	0.50288	-1.98855	0.212101	0.379942	-2.63198	0.413515	0.54037	-1.85059	0.138064	0.308601	-3.24043	0.94385	0.949461	-1.05323	2.03219	17.4474	7.63158	1
cg19284653	RAX2	0.165543	0.82367	0.808727	1.23625	0.0151107	0.672376	0.627795	0.0776	1.19567	1.19567

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1123 vs. N)	Fold-Change(1 vs.1123)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg18159646	SNORD22;SNORD31;SNORD30;SNHG1	0.165689	0.0273654	0.336883	-2.96839	0.338075	0.663104	-1.50806	0.946938	0.972638	-1.02813	0.593618	0.798015	-1.2517	0.014998	0.287527	-3.47793	0.375716	0.684588	-1.46073	0.0182645	0.449666	-2.22387	0.446103	0.723447	-1.38227	0.842555	0.922271	-1.08428	0.203131	5.58861	2.44598	1
cg04239994	HBNBP3	0.165693	0.081379	18.3758	18.3758	0.040505	35.343	35.343	0.264364	5.77224	5.77224	0.141524	10.829	10.829	0.3514S3	4.242	4.242	0.0913337	16.4772	16.4772	0.701918	1.78512	1.78512	0.0335713	42.1444	42.1444	0.0940015	15.8894	15.8894	2.03128	73.0522	31.9676	1
cg22007891	C6orf48;SNORD48;C6orf48	0.165695	0.138313	0.648477	-1.54207	0.859351	1.04931	1.04931	0.0567167	1.79577	1.79577	0.772622	1.08182	1.08182	0.1318105	0.505075	1.98171	0.2170126	0.702877	-1.42292	0.8348856	1.0583	1.0583	0.7317221	0.7903817	-1.00792	0.1940137	0.7890404	-1.26742	0.201227	2.376303	1.03726	1
cg17743085	LL1	0.165696	0.655054	0.35247	-1.17306	0.645808	0.848514	-1.17853	0.787358	0.908489	-1.10073	0.85716	1.10155	1.10155	0.01003244	0.31542	-3.17037	0.718862	1.13691	1.13691	0.0853333	1.96438	1.96438	0.433931	1.32767	1.32767	0.9613566	0.106315	0.106315	0.23126	4.053858	1.77386	1
cg00097081	CLDND2;ETFB	0.165697	0.115787	0.624662	-1.60086	0.937208	1.0219	1.0219	0.780349	1.07999	1.07999	0.802549	1.0714	1.0714	0.045363	1.88128	1.88128	0.1954B1	0.686013	-1.4577	0.908807	1.03204	1.03204	0.352574	1.30213	1.30213	0.0527713	1.83308	1.83308	0.03126	2.43745	1.06664	1
cg20776619	MAGI2	0.165708	0.562774	1.23024	1.23024	0.574141	0.81785	-1.22272	0.0392036	0.429557	-2.32798	0.135247	1.76859	1.76859	0.8300227	0.926697	-1.0791	0.1195	1.81894	1.81894	0.0796016	1.99172	1.99172	0.735808	0.886986	-1.12741	0.986939	0.99422	-1.00581	0.2312	4.034828	1.76547	1
cg27574796	LRRC47B	0.165738	0.253374	0.829878	-1.205	0.613439	1.07899	1.07899	0.0197969	1.52187	1.52187	0.176154	1.20941	1.20941	0.466177	1.11703	1.11703	0.595715	0.921193	-1.0812	0.1434584	0.8562515	-1.16793	0.142043	1.26565	1.26565	0.4123898	1.12994	1.12994	0.2012	0.716534	0.315569	1
cg11239794	HERC4;HERC4 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.165769	0.0378794	0.1232	-8.42520	0.0157725	0.316705	-3.6696	0.531082	0.836906	-1.19488	0.884023	0.947705	-1.05518	0.14108	0.558508	-1.79048	0.135438	0.553129	-1.8079	0.194304	0.603227	-1.65748	0.885045	1.05468	1.05468	0.6745888	0.856081	-1.16881	0.23119	4.56515	1.90934	1
cg09381615	M2;ABLIM2	0.165711	0.232611	0.488577	-2.04676	0.363657	0.586136	-1.70609	0.254337	0.506066	-1.97603	0.663801	1.28436	1.28436	0.00634808	0.130929	-7.63774	0.310213	0.548343	-1.82368	0.231281	0.487483	-2.05135	0.451624	0.644788	-1.5509	0.151204	0.414739	-2.41115	0.203118	10.5334	4.60966	1
cg07200748	ADD3;ADD3;ADD3;ADD3;ADD3	0.165712	0.530617	1.09185	1.09185	0.569675	1.08273	1.08273	0.128145	1.25548	1.25548	0.0408432	1.07398	1.07398	0.5108541	1.09674	1.09674	0.694825	0.946019	-1.05606	0.264486	0.85139	-1.17455	0.0075434	0.60891	1.60891	0.584749	1.07932	1.07932	0.03118	0.615579	0.269391	1
cg16756154	HCG4P6	0.165712	0.193872	0.625584	-1.59902	0.0402207	0.446676	-2.24088	0.0573303	0.479844	-2.08414	0.142613	1.27235	1.27235	0.9258284	1.02159	-1.12159	0.867624	1.05862	-1.05862	0.409473	1.27823	1.27823	0.664585	1.17075	1.17075	0.69609	0.874556	-1.14344	0.203117	3.75089	1.64148	1
cg16739530	HSPA9B;ZP	0.165712	0.0424484	0.1415S9	-7.06218	0.702449	1.37862	1.37862	0.0837603	0.431565	-2.31715	0.260091	0.374304	-2.67163	0.0655209	0.177434	-5.6359	0.0627965	0.173554	-5.76189	0.237011	0.35474	-2.81897	0.452568	0.527215	-1.89676	0.0406229	0.138401	-7.22538	0.203117	22.5116	9.85161	1
cg09595260	FBXL4	0.165716	0.703478	0.945616	-1.05751	0.300284	1.16994	1.16994	0.251912	1.19126	1.19126	0.158291	0.870963	-1.14815	0.821037	0.967412	-1.03369	0.790419	1.03972	1.03972	0.6342661	0.993641	0.993641	0.990547	1.09386	1.09386	0.0441657	1.40225	1.40225	0.23115	0.687801	0.301001	1
cg02470287	WIN1	0.165722	0.205731	0.615339	-1.62512	0.128445	0.550055	-1.818	0.298007	0.675243	-1.48056	0.891672	0.955402	-1.04702	0.0155121	0.753548	-1.32743	0.149018	0.564941	-1.7701	0.0292763	0.394135	-2.5372	0.0212064	0.56306	-1.77542	0.689315	0.864001	-1.15741	0.203112	4.25653	1.8628	1
cg09118420	HORMAD2	0.165721	0.0884867	0.715814	-1.39701	0.525959	0.12207	1.12207	0.918479	1.01838	1.01838	0.560401	0.900558	-1.11042	0.114288	0.736687	-1.35743	0.0916325	0.718614	-1.39157	0.0714004	1.43076	1.43076	0.211736	0.791332	-1.26369	0.469905	0.877404	-1.13973	0.203112	1.0181	0.445557	1
cg25823194	THNSL1	0.165721	0.360402	1.47389	1.47389	0.133721	0.513136	-1.94888	0.988271	0.999954	-1.00608	0.687746	1.18138	1.18138	0.25674	1.62961	1.62961	0.998989	1.00052	1.00052	0.9151594	0.2808S6	-3.41454	0.823242	1.09705	1.09705	0.17474	0.551289	-1.81393	0.203111	5.47484	2.39599	1
cg07772222	C8orf31	0.165723	0.713916	1.14806	1.14806	0.420323	0.550055	-1.818	0.298007	0.675243	-1.66496	0.931082	0.836906	-1.19488	0.884023	0.947705	-1.05518	0.135438	0.553129	-1.8079	0.194304	0.603227	-1.65748	0.885045	1.05468	1.05468	0.6745888	0.856081	-1.16881	0.23119	4.56515	1.90934	1
cg01503280	MP2L1;MP2L1;MP2L1	0.165729	0.249565	0.643911	-1.55301	0.333457	0.694243	-1.44042	0.50353	0.780103	-1.28188	0.647012	1.18371	1.18371	0.0468166	0.434946	-2.29914	0.108674	0.527262	-1.89659	0.0863634	0.500056	-1.99978	0.121535	1.84787	1.84787	0.35345	0.705217	-1.418	0.203107	4.30439	1.8838	1
cg04568648	HLA-LNCNNA00171	0.165733	0.328347	0.454073	-2.20241	0.0847894	0.503055	-1.98809	0.533323	0.621022	-1.6366	0.712959	0.799382	-1.25098	0.1143354	0.629561	-1.58821	0.0748514	0.212432	-4.7074	?	?	?	?	?	?	0.712885	1.33453	1.33453	0.26012	15.4932	6.58238	1
cg01885963	ZNF215	0.165733	0.144502	0.467224	-2.1403	0.246931	0.55557	-1.79995	0.513435	0.724886	-1.37953	0.0187374	0.528042	-1.89367	0.566889	0.755024	-1.32446	0.132091	2.20127	2.20127	?	?	?	?	0.871298	-1.14771	0.898149	1.06414	1.06414	0.04551	0.786078	0.331798	1
cg06549607	IRS2	0.165743	0.1609648	0.515382	-1.94069	0.0933328	0.977157	-1.0233	0.913743	1.13066	1.13066	0.278027	0.990744	-1.00959	0.0156848	0.267312	-3.74	0.0837748	0.911256	-1.09739	0.0142772	0.25421	-3.93376	0.383958	0.66688	-1.49952	0.0496188	0.362345	2.7598	1.2016	0.670983	0.28919	1
cg00465319	MYLK;MYLK;MYLK;MYLK;MYLK;MYLK	0.165731	0.499223	0.536224	-1.86489	0.0107135	0.054262	-18.4291	0.0429717	0.120499	-8.29885	0.747599	1.34092	1.34092	0.346796	0.414698	2.41139	0.1906S5	0.283963	-3.52159	0.531109	0.561911	-1.77964	0.264969	0.348014	-2.87345	0.891813	1.13161	1.13161	0.23105	26.5527	11.6208	1
cg25794571	POMP	0.165738	0.8200011	0.14284	1.04284	0.572166	1.11106	1.11106	0.682151	0.763175	-1.31032	0.100435	0.718033	-1.39269	0.1515844	0.753671	-1.32684	0.971762	0.993506	-1.00654	0.321353	0.828113	-1.20754	0.28724	1.22555	1.22555	0.0464081	1.52183	1.52183	0.23102	1.08979	0.476953	1
cg00849267	LMF1	0.165739	0.1854822	0.839743	-1.19054	0.747376	1.46227	1.46227	0.512697	0.654234	-1.52887	0.0155405	0.729297	-1.37097	0.1426002	0.704925	-1.41882	0.0842115	0.717383	-1.39381	0.194035	0.72903	1.37183	1.37183	0.2227	1.22271	0.296549	0.73722	1.35725	0.572221	1.92873	0.721001	0.205909	0.03178	4.25653	1.8628	1
cg24899209	LPXN;ZFP91-CNTF;ZFP91	0.16574	0.673461	0.857398	-1.16632	0.673706	0.857504	-1.16618	0.292503	1.4865	1.4865	0.658885	1.175	1.175	0.454234	1.31879	1.31879	0.697359	0.868003	-1.15207	0.0061357	0.729071	-3.66205	0.971274	1.01316	1.01316	0.544003	1.24974	1.24974	0.2311	4.23843	1.85499	1
cg06755365	ALG14	0.165742	0.0152571	0.632097	-1.5759	0.820659	0.878948	-1.13785	0.424231	1.13074	1.13074	0.873175	0.989494	-1.01058	0.0764669	1.0255	1.0255	0.859411	1.02767	1.02767	0.4570195	0.889934	-1.12368	0.0422794	0.90669	-1.10304	0.207992	1.22678	1.22678	0.23199	0.762498	0.331717	1
cg13322073	KPNA7	0.165744	0.910489	0.918157	-1.08914	0.169276	0.328555	-3.03993	0.0731813	0.219145	-4.55904	0.040652	0.166194	-6.01705	0.107416	0.263392	-3.79662	0.980581	1.09954	1.09954	0.062963	0.204283	-4.89457	0.263679	0.412851	-2.42218	0.0791116	0.217531	-4.59704	0.03098	18.5432	8.11573	1
cg15493073	CPNE8	0.165747	0.283423	0.828802	-1.20656	0.214194	1.24637	1.24637	0.125331	0.756151	-1.32249	0.526302	1.11425	1.11425	0.227929	0.807964	-1.23768	0.38251	1.16143	1.16143	0.0223701	0.630586	-1.58583	0.967505	1.00689	1.00689	0.705077	1.06616	1.06616	0.20396	0.913137	0.399652	1
cg10283958	KDELC1;BVM;KDELC1;BVM	0.165749	0.0505123	0.607937	-1.64504	0.0981348	0.171588	-3.17188	0.164359	0.350552	-1.10797	0.482891	0.750562	-1.33256	0.0979336	0.719546	-1.39006	0.68128	0.92219	-1.08438	0.4025285	1.15028	1.15028	0.293002	1.23898	1.23898	0.0949555	1.43122	1.43122	0.24095	1.23755	0.541639	1
cg09542013	CCDC37	0.165752	0.424622	0.686574	-1.45651	0.28301	0.597838	-1.67269	0.277173	0.593799	-1.68407	0.257364	0.597968	-1.72483	0.047534	0.351618	-2.844	0.0937573	0.427447	-2.33947	0.0189579	0.260742	-3.70725	0.914624	1.0507	1.0507	0.0849002	1.45138	1.45138	0.24068	2.03093	0.84907	1
cg03729123	SERPINE2	0.165754	0.0885621	0.731841	-1.36705	0.0998004	0.145651	1.6855	0.0993385	0.344811	2.90155	0.0411	0.1855	5.39181	0.0148	0.144811	6.90371	0.0268389	0.741111	1.34911	0.0608353	0.154211	6.48351	0.0148	0.82589	-1.21089	0.0743	0.14858	6.73172	0.0148	0.0992	0.35116	0.0133375	1
cg10511972	PTCHD1	0.165757	0.0425264	0.467404	-2.13948	0.847024	1.06491	1.06491	0.645024	1.16307	1.16307	0.479395	1.26382	1.26382	0.225827	1.51313	1.51313	0.212512	1.652079	-1.53356	0.0379894	2.18889	2.18889	0.773026	0.910127	-1.09875	0.710013	1.12933	1.12933	0.3109	3.1408	1.49285	1
cg09223516	POU2C	0.165758	0.595576	0.784262	-1.27508	?	?	?	0.191753	1.86597	1.86597	0.0611568	2.70916	2.70916	0.0195108	0.454857	-2.19849	0.445945	1.42255	1.42255	0.317694	1.59767	1.59767	0.0957059	2.2931	2.2931	0.783066	0.882318	-1.13338	0.04533	9.52563	2.89716	1
cg05150362	ARNT2	0.165763	0.384913	0.7128	-1.40269	0.0933328	0.977157	-1.0233	0.913743	1.13066	1.13066	0.687269	1.03083	1.03083	0.130229	2.11529	2.11529	0.841424	1.17383	1.17383	0.0396055	2.171393	2.171393	0.0472772	0.25421	-3.93376	0.383958	0.66688	-1.49952	0.0496188	0.362345	2.7598	1.2016	0.670983	0.28919	1
cg25692633	CYTH3	0.165765	0.692592	1.19045	1.19045	0.133605	2.0337	2.0337	0.776465	0.882593	-1.13302	0.988341	0.99361	-1.00643	0.731873	0.859937	-1.16288	0.785416	1.1272	1.1272	0.06601693	4.82899	4.82899	0.175566	1.88125	1.88125	0.514262	1.33666	1.33666	0.20385	6.19122	2.70985	1
cg14239129	FZD7	0.165768	0.466328	0.661465	-1.51195	0.307294	0.729795	-1.37097	0.634864	0.93562	-1.06912	0.561645	0.89562	-1.11596	0.8950881	0.92497	-1.08097	0.830553	1.14089	1.14089	0.4543986	0.876152	-1.14089	0.0400809	0.65338	-1.53044	0.0882485	1.11419	1.11419	0.04383	1.55044	0.662085	1
cg04571327	NDUFAF4	0.165766	0.047767	0.637016	-1.47707	0.787692	1.07462	1.07462	0.180518	0.782661	-1.27769	0.680045	1.07408	1.07408	0.527685	0.895592	-1.11658	0.100035	0.733034	-1.36419	0.0190693	0.610425	-1.63067	0.252875	0.81399	-1.22852	0.930736	0.985013	-1.01509	0.03084	0.955213	0.418092	1
cg05442602	CPOX	0.165772	0.0466313	0.320384	-3.12126	0.581666	0.7573	-1.32048	0.108253	0.41571	-2.39975	0.769706	1.15796	1.15796	0.0264473	0.268554	-3.72365	0.457385	0.685171	-1.45949	0.0666092	0.357886	-2.79419	0.190928	0.500657	-1.99737	0.207966	0.515166	-1.94112	0.20381	8.02747	3.51364	1
cg25796776	TIFA;TIFA	0.165776	0.87071	0.1425S3	-7.01553	0.0995042	0.0794	-12.5795	0.0294048	0.491784	-2.03387	0.0154144	1.15596	1.15596	0.8950881	0.92497	-1.08097	0.868688	0.990366	-1.00973	0.3238104	0.7975S2	-1.25374	0.268405	0.732884	1.32884	1.32884	0.0159775	0.483096	-2.06998	0.203178	0.856333	1
cg14501697	DDX31;GTF3C4;DDX31	0.165778	0.100256	0.817574	-1.22313	0.0339595	0.758141	-1.31902	0.0398239	0.766591	-1.30448	0.395341	0.907224	-1.10226	0.198338	0.858842	-1.16422	0.622737	0.790777	-1.26458	0.67394	0.953689	-1.04856	0.449454	0.917405	-1.09003	0.627588	1.0562	1.0562	0.23077	0.40238	0.176125	1
cg22332339	PRKCZ;PRKCZ	0.165778	0.100727	0.814775	-1.22766	0.0339595	0.758141	-1.31902	0.0398239	0.766591	-1.30448	0.395341	0.907224	-1.10226	0.198338	0.858842	-1.16422	0.622737	0.790777	-1.26458	0.67394	0.953689	-1.04856	0.449454	0.917405	-1.09003	0.627588	1.0562	1.0562	0.23077	0.40238	0.176125	1
cg18788725	RELB	0.165779	0.206312	0.407473	-2.45415	0.448559	0.594434	-1.68227	0.0784945	0.268132	-3.7295	0.0899606	0.284012	-3.52098	0.0414463	0.205196	-4.87338	0.045462	0.21329	-4.68846	0.131772	0.334314	-2.9912	0.0707271	0.256039	-3.89652	0.240797	0.437329	-2.28661	0.203177	14.5891	6.38583	1
cg27148009	RIMS3	0.165783	0.117705	0.664007	-1.50552	0.0262571	0.0148	-67.5642	0.0160664	0.0215455	-1.90268	0.99353	0.805153	-1.242	0.451383	1.21771	1.21771	0.3030209	0.777923	-1.28548	0.0177012	0.3454B	0.777923	-1.28548	0.0177012	0.3454B	0.777923	-1.28548	0.0177012	0.3454B	0.777923	-1.28548	0.0177012	0.3454B	1
cg21467871	CMBL	0.165784	0.746535	0.888162	-1.12592	0.0628757	1.1497	1.1497	0.0404504	0.861022	-1.16141	0.659272	0.958245	-1.04348	0.0135284	0.751457	-1.33085	0.0855224	1.06926	1.06926	0.0026123	0.868182	-1.15182	0.0491441	0.80023	-1.24964	0.0231928	0.965617	-1.03561	0.203175	0.76163	0.318288	1
cg27293741	PDZRN3	0.165784	0.0780387	0.311206	-3.21331	0.0732187	0.303906	-3.29049	0.166052	0.41457	-2.41214	0.735571	1.22394	1.22394	0.226424	0.468982	-2.13228	0.103343	0.345726	-2.89247	0.0311719	0.221435	-4.51599	0.750125	0.826559	-1.20984	0.108082	0.351624	-2.84395	0.20074	11.4309	5.0035	1
cg16382383	PCGF6;PCGF6	0.165784	0.713034	1.16059	1.16059	0.32581	1.18988	1.18988	0.0649394	0.845153	-1.1856	0.710739	1.3056	1.3056	0.0179592	0.765538	-1.30636	0.68128	0.92219	-1.08438	0.4025285	1.15028	1.15028	0.293002	1.23898	1.23898	0.0949555	1.43122	1.43122	0.24095	1.23755	0.541639	1
cg25948855	ARSB;ARSB	0.165785	0.463707	0.871071	-1.14801	0.16244	0.74291	-1.34606	0.144357	1.3367	1.3367	0.606498	1.00093	1.00093	0.450941	1.15275	1.15275	0.109362	1.38138	1.38138	0.0702805	0.687656	-1.45422	0.283696	0.813729	-1.22891	0.382279	0.848119	-1.17908	0.20373	1.10159	0.482188	1
cg10917308	SELO	0.165787	0.952266	1.01199	1.01199	0.0205914	1.74229	1.74229	0.705157	0.927115	-1.07861	0.0578327	1.53257	1.53257	0.205241	1.30481	1.30481	0.593159	0.80626	-1.24001	0.1133	0.527754	0.880418	-1.13592	0.338374	1.21709	1.21709	0.0874556	0.838328	-1.19285	0.20372	1.17408	0.557909	1
cg15525562	C14orf104;C14orf104	0.165795	0.0112952	0.241292	-4.14295	0.851761	0.76451	-1.30122	0.0134116	0.0644	-15.5168	0.667951	1.23133	1.23133	0.0187758	0.802265	-1.6448	0.653134	1.23471	1.23471	0.180235	0.528533	-1.89202	0.0144256	0.63898	-1.56537	0.0145474	0.788091	2.82465	-1.55537	0.204514	5.78091	2.80465	1
cg15469150	SLIT2	0.165791	0.342843	1.37889	1.37889	0.398073	1.24333	1.24333	0.392949	0.802213	-1.24655	0.208345	1.39637	1.39637	0.41419	1.23381	1.23381	0.042678	1.7992	1.7992	0.0492065	0.558085	-1.75962	0.572054	0.866129	-1.15456	0.604724	1.14047	1.14047	0.20377	0.037788	0.891984	1
cg19937212	DLG2	0.165794	0.0219896	0.707025	-1.41389	0.0733837	0.231255	-4.32412	0.0519318	0.0739398	-13.5192	0.0810357	0.856395	-1.16762	0.0979737	0.697243	-1.43407	0.970163	1.09726	1.09726	0.1024453	0.916548	-1.09103	0.0153155	0.74602	-1.34057	0.0474091	0.625283	-1.59928

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Probeset ID	UCSC_REFGENE_NAME NFATC1;NFATC1;NFATC1;NFATC1;NFAT	p-value(Test)	p-value(1044 vs. N)	Fold-Change(1 vs.1044)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1122 vs. N)	Fold-Change(1 vs.1122)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1211 vs. N)	Fold-Change(1 vs.1211)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1534 vs. N)	Fold-Change(1 vs.1534)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1633 vs. N)	Fold-Change(1 vs.1633)	Ratio(1637 vs. N)	Fold-Change(1 vs.1637)	F(Error)	SS(Test)	SS(Error)
cg16246200	C1	0.165991	0.344442	0.610018	-1.63929	0.513167	1.40017	1.400017	0.0289328	2.07059	-3.69563	0.836845	0.900632	-1.11033	0.441627	0.309273	-3.23338	0.245537	0.539848	-1.85237	0.326404	1.6724	1.6724	0.881199	0.926906	-1.07886	0.141506	0.448244	-2.23093	2.02949	8.28016	3.62659	1
cg13191675	CTNNA2;CTNNA2	0.165992	0.744922	0.877621	-1.13906	0.8829517	0.465018	-2.15046	0.103695	0.491799	-2.03335	0.634383	1.21055	1.21055	0.499649	0.760871	-1.31428	0.796106	0.901882	-1.10879	0.664404	2.29027	2.29027	0.109779	2.00428	2.00428	0.502428	0.762259	-1.31189	2.02949	5.11273	2.23931	1
cg13884871	CDAN1	0.165992	0.264422	0.443998	-2.25531	0.46694	1.67795	1.67795	0.399293	0.546991	-1.82818	0.333527	1.00855	1.00855	0.0329328	0.174787	-5.72125	0.256395	0.436794	-2.28941	0.0283773	0.163793	-6.10527	0.647888	0.725065	-1.37919	0.417162	0.560041	-1.78558	2.02948	15.713	6.8821	1
cg12311132	RCN1	0.165993	0.0577644	0.621282	-1.60958	0.6673496	0.634585	-1.57583	0.752569	0.93224	-1.07268	0.383081	0.8200111	-2.1195	0.0811548	0.651183	-1.53567	0.0972175	0.667773	-1.49752	0.396169	0.824671	-1.21261	0.0509058	0.610555	-1.63786	0.061387	0.526515	-1.59613	2.02948	1.58204	0.692917	1
cg05695951	CHST7	0.165993	0.172333	2.24582	2.74582	0.743798	0.833047	-1.20041	0.362531	0.593767	-1.68416	0.242864	0.506258	-1.97528	0.0788598	0.337224	-2.96518	0.0678297	0.12459	3.12456	0.156681	2.32514	2.32514	0.456708	1.52529	1.52529	0.80701	0.872564	-1.14605	2.02948	0.97154	4.36743	1
cg03353699	KIAA1949;KIAA1949	0.165995	0.0730801	0.472554	-2.11616	0.3087051	0.386535	-2.58709	0.374225	0.710332	-1.40779	0.590097	0.815518	-1.22621	0.0469587	0.42625	-2.34604	0.116957	0.528016	-1.89388	0.0468457	0.4260101	-2.34736	0.404798	0.726412	-1.37663	0.413228	0.730753	-1.36845	2.02947	4.51968	1.97958	1
cg01158046	MED23;MED23	0.165996	7	7	7	0.315627	1.59536	1.94356	0.335675	2.0023	2.0023	0.2141765	1.024561	-1.83262	0.153809	1.52021	1.52021	0.370799	1.90163	1.90163	0.8468397	1.14266	1.14266	0.361988	0.441182	-2.26597	0.681507	1.13455	1.13455	2.04987	14.0711	6.88551	1
cg05385805	EPHA1	0.165999	0.162306	0.6389168	-1.56502	0.3089012	2.14024	2.14024	0.3517274	2.733145	-1.36399	0.298719	1.38178	1.38178	0.4692288	1.24736	1.24736	0.643692	1.15009	1.15009	0.0751798	1.81274	1.81274	0.848172	0.944081	-1.05923	0.495422	0.812356	-1.23099	2.02944	2.68705	1.2689	1
cg13490575	Cbor3	0.166	0.0836306	0.251932	-3.96933	0.729343	1.28413	1.28413	0.395837	0.534687	-1.87025	0.356518	0.505201	-1.97941	0.0483008	0.19697	-5.07692	0.0472035	0.194957	5.12934	0.031514	0.162693	-6.14654	0.546181	0.644205	-1.5523	0.844964	0.868523	-1.15138	2.02944	16.6623	7.29806	1
cg02254879	TMEM188	0.166003	0.824423	1.08782	1.18932	0.41962	0.0178	2.38741	0.0178625	2.86762	2.65749	-1.52062	0.0178625	2.99514	0.0650596	2.577529	-2.60521	0.175471	0.579336	-1.72621	0.0959743	0.409127	-2.4435	0.0178625	0.12322	-8.11202	0.0178625	1.882521	0.19217	0.592753	-1.68704	2.02942	4.6127	2.00307	1
cg14328782	LOC39059;MAFG	0.166005	0.0272673	0.569196	-1.75686	0.2513319	1.29502	1.29502	0.216862	0.669874	1.54841	-1.54841	0.2834257	0.430728	2.32237	0.340272	1.0744	1.0744	0.693656	0.918149	-1.08915	0.405475	0.832277	-1.20152	0.878915	1.03343	1.03343	0.545376	1.14112	1.14112	2.02941	1.49551	0.655039	1
cg09029203	PUM1;SNORD103A;PUM1	0.166006	0.8230983	0.970908	-1.02986	0.8672325	0.263678	-3.79257	0.263678	-3.92062	0.1813229	4.029759	-1.20517	0.0757942	1.2968	1.2968	0.937878	1.0103	1.0103	1.0103	1.0103	1.0103	1.0103	1.0103	1.0103	1.0103	1.0103	1.0103	1.0103	1.0103	2.02941	1.0103	0.554889	0.243484	1
cg08159831	SYFL;SYFL1	0.166008	0.837418	1.03371	1.03371	0.560022	0.909286	-1.09976	0.331598	0.850751	-1.17543	0.453107	1.13125	1.13125	0.0853895	0.704758	-1.35914	0.460649	1.12885	1.12885	0.0220869	0.642176	-1.55721	0.915448	1.12728	1.01728	0.163276	1.27138	1.27138	2.02939	0.83686	0.360552	1
cg16188038	ZNF622	0.166012	0.601294	1.08442	1.08442	0.539639	1.10016	1.10016	0.972371	1.00534	1.00534	0.132891	1.28304	1.28304	0.0683059	1.36855	1.36855	0.225116	0.822143	-1.21633	0.636857	1.07584	1.07584	0.244931	0.829474	-1.20558	0.0328642	1.46765	1.46765	2.02937	0.759433	0.332641	1
cg05231018	HOXB13	0.166012	0.721486	0.936176	-1.06817	0.2608816	0.880803	-1.2264	0.533277	1.21234	1.21234	0.679963	1.5924459	-1.07942	0.0158361	0.580005	-1.72412	0.0779188	0.552102	1.81078	0.0660956	0.683733	-1.46256	0.881598	1.02794	1.02794	0.963428	0.991587	1.02848	2.02937	1.49734	0.649753	1
cg16432326	GLTP01	0.166013	0.521446	0.821541	-1.21722	0.6624428	0.530287	-1.88577	0.188591	0.656139	-1.52407	0.157881	0.633337	-1.57894	0.0729364	0.546037	-1.83138	0.0937349	0.572618	-1.74637	0.830225	0.937112	-1.06711	0.526353	1.21434	1.21434	0.198586	1.50828	1.50828	2.02936	2.94101	1.28821	1
cg16803791	ARHGAP22;ARHGAP22	0.166017	0.0882935	0.493669	-2.02565	0.0406064	2.42881	2.42881	0.517427	0.783667	-1.27932	0.381014	0.717228	-1.40209	0.352861	0.698505	-1.43163	0.696027	0.862877	-1.15978	0.644823	0.421517	-2.37351	0.783196	0.901653	-1.10907	0.541691	0.799351	-1.26095	2.02934	4.53778	1.98326	1
cg07961456	C1orf49;C1orf49;C1orf49;C1orf49	0.166027	0.0393235	0.340717	-3.28605	0.3114435	0.593016	-1.6854	0.0499781	0.32779	-3.05073	0.0499781	0.3278406	-2.64266	0.0372819	0.209325	-3.34085	0.318417	0.597772	-1.67288	0.196445	0.505848	-1.97688	0.36182	0.626433	-1.59634	0.124291	0.435859	-2.29432	0.92978	0.50197	3.55012	1
cg24533448	GABRB3;GABRB3	0.166027	0.841352	1.07881	1.07881	0.0719611	2.13881	2.13881	0.409636	1.37597	1.37597	0.681706	0.855488	-1.16892	0.0835426	0.48435	-2.06462	0.312296	1.48528	1.48528	0.0548845	0.438656	-2.27969	0.482642	1.31005	1.31005	0.493559	0.768617	-1.30104	2.02928	4.60406	2.01673	1
cg25588480	MINK1;MINK1;MINK1;MINK1;MINK1	0.166027	0.156343	2.44716	2.44716	0.2745501	1.820251	1.82025	0.331763	2.60578	2.60578	0.1408	1.62825	1.62825	0.0574007	2.783122	-2.57659	0.0965955	0.436384	2.29184	0.0178625	0.0178625	56.384	4.56384	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02928	0.0178625	0.0178625	0.0178625	1
cg07167110	PDIA2;PDIA2	0.166029	0.247395	0.554483	-1.80348	0.0218402	0.261368	-3.82602	0.0775336	0.384145	-2.60319	0.102789	0.418793	-2.38781	0.110889	0.428718	-2.33253	0.352006	0.626863	-1.59525	0.771186	0.867453	-1.1528	0.0501688	0.33661	-2.97079	0.760664	0.861591	-1.16064	2.02926	7.64161	3.3473	1
cg08716372	AGBL4	0.166029	0.320613	0.78589	-1.27244	0.0200108	0.517705	-1.9316	0.233752	0.747989	-1.33692	0.771926	1.07062	1.07062	0.151154	0.696869	-1.43499	0.478089	1.18451	1.18451	0.108077	0.662571	-1.50927	0.115551	0.669208	-1.4943	0.679919	1.10257	1.10257	2.02926	1.77159	0.77602	1
cg07164136	SORCS1;SORCS1	0.166032	0.350528	0.682547	-1.4651	0.3991115	1.40932	1.40932	0.262286	1.59135	1.59135	0.110449	1.99646	1.99646	0.0957072	0.48318	2.06962	0.717043	1.865316	-1.15565	0.127704	1.92438	1.92438	0.0675212	2.25724	2.25724	0.583601	1.2461	1.2461	2.02925	5.07726	2.22404	1
cg14236443	ABR;ABR;ABR MEN1;MEN1;MEN1;MEN1;MEN1;MEN1;MEN	0.166034	0.756348	1.13486	1.13486	0.0837192	0.459324	-2.17711	0.04209	0.385989	-2.59075	0.506147	0.760184	-1.31547	0.0703686	0.439501	-2.27531	0.510076	0.762164	-1.31205	0.0331668	0.363425	-2.7516	0.815826	1.09948	1.09948	0.267401	0.625238	-1.59939	2.02923	5.30976	2.3259	1
cg06130144	L;MEN1;MEN1	0.166038	0.451831	0.912375	-1.09604	0.631801	1.05946	1.05946	0.170412	1.19084	1.19084	0.840225	1.02444	1.02444	0.716683	0.957336	-1.04456	0.22187	0.857614	-1.16603	0.0116365	0.685723	-1.45831	0.340038	0.863145	-1.15855	0.337704	0.888482	-1.12552	2.02921	0.459978	0.201492	1
cg09045321	CLPTM1L	0.166039	0.411351	0.842826	-1.18706	0.3258408	1.64113	1.64113	0.55975	0.860497	-1.16211	0.477502	1.47605	1.47605	0.2684284	1.55139	-1.55139	0.549855	0.894092	-1.11866	0.4705	1.20022	1.20022	0.545544	1.19251	1.19251	0.910273	1.02321	1.02321	2.02922	3.13167	0.583335	1
cg06312072	ANKS1B;ANKS1B;ANKS1B	0.166044	0.745003	0.863801	-1.15767	0.310084	0.624236	-1.60196	0.310641	0.60103	0.620694	1.25082	1.25082	0.589456	-1.78316	1.27688	0.0367306	0.136653	-2.97042	0.116936	0.465743	-2.14711	0.137922	0.488357	-2.04768	0.149001	0.200232	2.02932	2.02917	0.46863	2.83362	1
cg22681806	BAT4;BAT4;CSNK2B	0.166047	0.603841	0.87311	-1.14533	0.9585127	0.98661	-1.01357	0.332408	1.29589	1.29589	0.241025	1.37349	1.37349	0.146725	0.667816	-1.49742	0.590568	0.868672	-1.15118	0.0116534	0.438479	-2.28061	0.790108	0.933185	-1.0716	0.305959	0.759753	-1.31622	2.02916	2.15942	0.945952	1
cg20973100	LHMK1;LHMK1	0.166048	0.51346	1.13088	1.13088	0.3196646	0.420097	-1.19042	0.400903	0.846046	-1.18197	0.453617	1.01137	1.01137	0.0090323	0.984696	-1.0157	0.0603934	0.397961	-2.51248	0.0153617	0.114881	-8.70398	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02916	0.0178625	0.0178625	0.0178625	1
cg05374781	CYBA	0.166049	0.216225	0.3458	-2.89185	0.9025159	1.10556	1.10556	0.876184	1.14099	1.14099	0.283429	0.40278	-2.48274	0.050252	0.162275	-6.16237	0.0545409	0.168686	-5.92819	0.0332211	0.131188	-7.62262	0.159058	0.29284	-3.41483	0.149765	0.283631	-3.52571	2.02914	21.3975	9.37345	1
cg14300194	SENP8;SENP8	0.166054	0.1489966	1.88986	1.88986	0.0178625	0.0178625	1.4451	1.4451	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.3568	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02914	0.0178625	0.0178625	0.0178625	1
cg26002218	CKB	0.166055	0.516791	1.24031	1.24031	0.392702	0.750595	-1.33228	0.0873022	1.85618	1.85618	0.016828	2.60046	2.60046	0.141189	1.67945	1.67945	0.806814	0.922864	-1.08358	0.692486	1.1391	1.1391	0.455158	1.28305	1.28305	0.099659	1.80261	1.80261	2.02913	3.44991	1.51128	1
cg01059770	FAM18;FAM38	0.166055	0.813358	1.17487	1.17487	0.26939	2.18967	2.18967	0.53155	1.54008	1.54008	0.925693	1.06563	1.06563	0.0157597	0.13318	-7.50864	0.162311	0.36183	-2.76373	0.865852	1.12211	1.12211	0.586253	1.45425	1.45425	0.153052	2.83677	2.83677	2.02911	14.9216	6.53669	1
cg13575513	ARI4;ARI4	0.166056	0.0862404	0.729429	-1.37144	0.2030108	1.4451	1.4451	0.2703753	1.787982	-1.28746	0.2722758	1.189445	-1.39236	0.0178625	0.758348	-1.31828	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02911	0.0178625	0.0178625	0.0178625	1
cg17880376	DPM3;DPM3	0.166058	0.063194	0.581924	-1.71844	0.335266	1.28911	1.28911	0.234063	1.37662	1.37662	0.534453	0.851848	-1.17392	0.417289	0.809321	-1.2356	0.0202212	0.480002	-2.08332	0.871025	1.0422	1.0422	0.83896	1.05314	1.05314	0.839947	1.0528	1.0528	2.127	2.13385	0.78028	1
cg12248604	TCF8G1	0.166059	0.54957	1.11861	1.11861	0.3691369	1.07369	1.07369	0.2754007	0.783122	-1.27694	0.873738	0.9662524	-1.03506	0.0574007	0.457927	-2.18385	0.109163	0.687871	1.4548	0.141907	0.403932	0.5475	0.0574007	0.45927	-2.17734	0.0574007	0.8023	0.8023	2.02911	0.82144	0.24008	0.655892	1
cg16409049	AK5;AK5	0.166061	0.209742	1.2545	1.2545	0.913188	1.01888	1.01888	0.637023	1.08494	1.08494	0.25511	1.22605	1.22605	0.0795671	0.730659	-1.36863	0.129348	1.32456	1.32456	0.0640227	0.699809	-1.42896	0.971782	0.972548	-1.02823	0.194632	1.26533	1.26533	2.02908	0.945438	0.414173	1
cg09161330	TROVE2;TROVE2;TROVE2	0.166061	0.627526	1.37765	1.37763	0.0176968	6.62048	6.62048	0.0454603	4.4958	4.4958	0.706446	1.28134	1.28134	0.851605	1.13055	1.13055	0.247682	0.452993	-2.20754	0.626294	0.725038	-1.37924	0.221821	2.31943	2.31943	0.956159	1.03668	1.03668	2.02907	13.7957	6.04358	1
cg21607669	SLC27A1	0.166063	0.52646	1.10925	1.10925	0.3108	0.709214	-1.41085	0.0873022	0.773732	-1.29164	0.873738	0.9662524	-1.03506	0.0574007	0.457927	-2.18385	0.105924	0.687871	1.4548	0.141907	0.403932	0.5475	0.0574007	0.45927	-2.17734	0.0574007	0.8023	0.8023	2.02907	0.82144	0.24008	0.655892	1
cg16409049	AK5;AK5	0.166061	0.209742	1.2545	1.2545	0.913188	1.01888	1.01888	0.637023	1.08494	1.08494	0.25511	1.22605	1.22605	0.0795671	0.730659	-1.36863	0.129348	1.32456	1.32456	0.0640227	0.699809	-1.42896	0.971782	0.972548	-1.02823	0.194632	1.26533	1.26533	2.02908	0.945438	0.414173	1
cg08002274	ZFPM1	0.166068	0.37876	1.42306	1.42306	0.1009626	1.0016	1.0016	0.9856256	1.00016	1.00016	0.162626	0.9210373	-1.08569	0.0178625	0.313293	-3.19192	0.0178625	0.0065133	0.0065133	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02907	0.0178625	0.0178625	0.0178625	1
cg01002287	NPHP4	0.166069	0.289118	0.529296	-1.8893	0.0071987	0.134575	-7.43083	0.240074	0.491053	-2.03644	0.67874	1.27228	1.27228	0.220227	0.474618	-2.10696	0.32263	0.553936	-1.80526	0.118816	0.375736	-2.66144	0.567516	0.715974	-1.3967	0.920885	1.05912	1.05912	2.02902	10.7424	4.70611	1
cg05457421	CYC1	0.166072	0.104222	0.118394	-8.44634	0.841948	1.71724	1.71724	0.863733	1.22919	1.22919	0.409463	0.362992	-2.75488	0.0214367	0.044899	-22.3276	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02902	0.0178625	0.0178625	0.0178625	1
cg09270003	GPI66	0.166072	0.242664	0.827049	-1.20914	0.274171	1.19328	1.19328	0.412773	0.838685	-1.19228	0.413206	0.8470497	-1.18044	0.0178625	0.313293	-3.19192	0.0955716	0.182506	-5.48023	1.1703125	0.0575378	7	7	0.327162	0.854623	-1.17011	0.0255378	0.662254	-1.50999	0.2434	0.693847	0.339555	1
cg05670219	LOC100289673	0.166073	0.38813	0.896443	-1.11552	0.106342	1.24353	1.24353	0.34331	0.886337	-1.12824	0.891137	1.01707	1.01707	0.501679	0.919176	-1.08793	0.332955	0.883879	-1.13138	0.0139931	1.4551	1.4551	0.863643	1.02147	1.02147	0.963783	0.994404	-1.00563	2.029	0.490868	0.215046	1
cg00562879	HIP0	0.166075	0.545731	0.852423	-1.17345	0.3703525	0.934959	-1.06515	0.482576	1.03486	1.03486	0.249886	0.697292	1.90296	-1.10747	0.2107585	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02899	0.0178625	0.0178625	0.0178625	1
cg01191832	ZKD8	0.166087	0.1377	0.312912	-3.19578	0.214107	0.386477	-2.58747	0.534174	0.63281	-1.58025	0.153709	0.03468	3.03468	0.871959	1.12438	1.12438	0.194559	0.368846	-2.71116	0.730363	0.777671	-1.28589	0.0310166	0.2959	6.2959	0.834756	1.16395	1.16395	2.02891	16.9744	7.43666	1
cg13837097	SAMD4A;SAMD4A	0.166088	0.67673	1.12454	1.12454	0.363175	0.769803	-1.29903	0.786724	0.926891	-1.07888	0.806577	0.933633	-1.07109	0.712132	1.10933	1.10933	0.00686216	0.3753	-2.66454	0.663391	1.13043	1.13043	0.556341	1.18124	1.18124	0.239573	1.41164	1.41164	2.02891	2.5182	1.10325	1
cg03251079	HMGA2;HMGA2;RPSAP52;HMGA2;HM GA2	0.166088	0.948467	1.0101	1.0101	0.720251	1.05752	1.05752	0.742806	1.05253	1.05253	0.642493	1.0754	1.0754	0.70407	1.04224	1.04224	0.0265293	1.50514	1.50514	0.363653	0.866257	-1.15439	0.078312	1.35542	1.35542	0.0289697	1.49231	1.49231	2.02891	0.776897	0.340368	1
cg03893872	HHAT;HHAT	0.16609	0.648616	0.786895	-1.27082	0.6546959	2.95625	2.95625	0.0366258	3.55582	3.55582	0.161219	2.18505	2.18505	0.181155	0.476342	-2.09933	0.246379	1.88374	1.88374	0.898947	0.935786	-1.06862	0.53447	0.7199	-1.38908	0.534805	1.3887	1.3887	2.0289	8.76877	3.84172	1
cg01244918	MN1	0.166092	0.0559937	0.47432	-2.10763	0.413633	3.52704	3.52704	0.0600303	3.29144	3.29144	0.128614	3.61807	3.61807	0.0243352	3.3106	3.3106	0.165809	3.92039	3.92039	0.074436	3.76547	3.76547	0.152462	3.53232	3.53232	0.0448899	3.78374	3.78374	2.0288	19.8183	8.68275	1
cg09305478	FAM195A;FAM195A;FAM195A	0.166093	0.336675	0.840865	-1.18925	0.638696	0.920585	-1.08627	0.28568	0.823644	-1.21412	0.671136	1.07759	1.07759	0.748284	1.05795	1.05795	0.695297	0.7013	0.7013	0.00464451	0.85807	1.85807	0.664449	0.926478	-1.07936	0.92707	1.01615	1.01615	2.02888	0.983746	0.430998	1
cg06390606	C5orf145	0.166095	0.740799	1.0532	1.0532	0.349547	1.16226	1.16226	0.395319	1.14561	1.14561	0.323037	1.1728	1.1728	0.0543662	1.4062	1.4062	0.652903	1.07325	1.07325	0.642583	1.07571	1.07571	0.132459	1.28854	1.28854	0.00731482	1.71603	1.71603	2.02887	0.78351	0.343272	1
cg10038185	DIRAS3	0.166095	0.0619401	0.444515	-2.24911	0.3744	1.16562	1.16562	0.3896406	0.986553	-1.01363	0.91785	1.09845	1.09845	0.0227707	0.969079	-1.03222	0.0192401	0.372281	1.38281	0.0211883	0.192937	1.19237	0.0364928	1.00159	1.00159	0.0186286	1.34051	1.34051	2.02887	0.152051	0.0335	1
cg15118279	TM2D2;TM2D2;TM2D2;TM2D2	0.166098	0.51001	0.813587	-1.22912	0.822062	0.932827	-1.07201	0.566521	0.836235	-1.19585	0.334707	1.35951	1.35951	0.0194057	0.417805	-2.39294	0.851159	1.0597	1.0597	0.0398847	0.48032	-2.08195	0.68491	1.13421	1.13421	0.166934	0.63453	-1.57597	2.02885	3.06212	1.34159	1
cg08475376	MAF;MAF	0.166098	0.6908803	0.8977	1.11389	0.4977778	1.06225	1.06225	0.812912	0.739387	-1.35247	0.0565157	1.54909	1.54909	0.0178625	0.313293	-3.19192	0.0408224	0.5655651	1.52986	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02885	0.0178625	0.0178625	0.0178625	1
cg22653915	PXDNL	0.166099	0.717366	1.14548	1.14548	0.456821	0.75342	-1.32728	0.488124	1.30104	1.30104	0.127242	1.8519	1.8519	0.146675	0.558765	-1.78966	0.861462	0.93682	-1.06744	0.141152	1.80633	1.80633	0.0205378	2.83671	2.83671	0.871295	1.06245	1.06245	2.02884	4.48562	1.96527	1
cg08638929	TSPAN1	0.1661	0.939455	1.0529	1.0529	0.156581	1.74679	1.74679	0.0157804	1.74208	1.74208	0.407947	1.77604	1.77604	0.939782	1.05261	1.05261	0.823223	1.16397	1.16397	0.254155	2.24349	2.24349	0.49901	1.59314	1.59314	0.724873	1.27098	1.27098	2.02884	14.7965	6.48275	1
cg15063687	CAMTA1	0.166101	0.196575	0.77595	-1.28959	0.464665	1.34013	1.34013	0.151284	1.76266	1.76266	0.0808944	1.94341	1.94341	0.0178625	0.313293	-3.19192	0.0178625	0.0178625	0.0178625	0.0178625	2.37006	2.37006	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	0.0178625	2.02884	0.0178625	0.0178625	0.0178625	1
cg10146929	HIST1H1A	0.166101	0.0723469	11.0392	11.0392	0.576458	1.96557	1.96557	0.0746312	10.7857	10.7857	0.163907	5.92353	5.92353	0.216971	4.73828	4.73828	0.616139	1.83184	1.83184	0.358841	3.09532	3.09532	0.0353268	18.8232	18.8232	0.0279514	22.4215	22.4215	2.02883	46.0816	20.1897	1
cg09305602	TRAPPC9B;TRAPPC9B	0.166103	0.65387	1.07502	1.07502	0.5225	0.870022	-1.22733	0.2913886	1.18889	1.18889	0.75625	1.0504	1.0504	0.949805	1.0504	1.0504	0.0999	0.0999	0.0999	0.0999	0.0999	0.0999	0.0999	0.0999	0.0999	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg04794532	W3	0.166239	0.0529638	0.237108	-4.2175	0.120912	0.332661	-3.00607	0.452554	0.60605	-1.65003	0.449529	0.603942	-1.65579	0.0533818	0.237866	-4.20404	0.240495	0.447453	-2.23487	0.0470489	0.225969	-4.42539	0.0412979	0.214307	-4.6662	0.223796	0.433284	-2.30795	2.028
cg18434729	NOS1	0.166242	0.835453	0.850952	-1.17515	0.683119	1.37771	1.37771	0.49671	1.70829	1.70829	0.351831	0.475441	-2.10331	0.476486	0.570197	-1.75378	0.634169	1.45064	1.45064	0.0281956	7.47086	7.47086	0.0226156	8.31727	8.31727	0.365743	2.05673	2.05673	0.02798	19.3406	8.4772	1
cg16099396	GLOD4;RNMTL1	0.166244	0.491241	1.16917	1.16917	0.113403	0.696384	-1.49808	0.263456	0.770582	-1.29772	0.0183379	0.127393	-1.89624	0.89209	0.970112	-1.03081	0.409957	0.828302	-1.20729	0.0976053	0.666084	-1.50131	0.274148	1.28967	1.28967	0.77407	0.937933	-1.06617	0.02796	1.60516	0.70357	1
cg25107893	C1orf170	0.16625	0.108744	0.645853	-1.54834	0.604848	0.877697	-1.13935	0.236054	1.36385	1.36385	0.674461	0.899805	-1.11135	0.30397	0.766385	-1.30483	0.163825	0.68982	-1.44965	0.0145615	0.471402	-2.12133	0.170343	0.694243	-1.44042	0.447587	0.82412	-1.21342	0.02794	2.00601	0.879277	1
cg17437181	CTSA;CTSA;NEURL2;CTSA	0.166251	0.675337	1.09169	1.09169	0.61771	0.900514	-1.11848	0.332849	1.23126	1.23126	0.334395	1.23039	1.23039	0.455799	1.17138	1.17138	0.934525	1.01726	1.01726	0.00870243	0.499151	-2.0034	0.319006	1.23921	1.23921	0.630537	0.904002	-1.10619	0.02793	1.39296	0.610565	1
cg21638374	FBXO38;FBXO38	0.166252	0.748938	1.03874	1.03874	0.155157	1.19733	1.19733	0.428945	1.10031	1.10031	0.926323	1.01101	1.01101	0.414847	0.90604	-1.1037	0.518434	1.08059	1.08059	0.0179716	0.711511	-1.40546	0.48666	1.08727	1.08727	0.128785	1.2145	1.2145	0.02793	0.450126	0.197301	1
cg27312872	C1orf212;C1orf212;C1orf212	0.166256	0.0756151	0.717707	-1.39333	0.640807	0.966697	-1.03445	0.638496	0.928634	-1.0827	0.244888	0.227736	1.22736	0.0714272	0.723437	-1.38263	0.388436	1.16113	1.16113	0.300004	2.35609	2.35609	0.0904246	0.979936	-1.02047	0.0822462	0.723088	-1.38296	0.0279	0.910951	0.399296	1
cg15058645	WIPF1	0.166258	0.738298	1.12978	1.12978	0.163519	1.71796	1.71796	0.148809	2.10969	2.10969	0.0467	1.66831	0.681776	0.45651	1.25126	1.25126	0.357896	1.41066	1.41066	0.175498	1.68918	1.68918	0.0889333	1.9793	1.9793	0.504928	0.78385	-1.27575	0.02789	4.25316	1.8643	1
cg19873785	ZNHIT1;PUDI3;ZNHIT1	0.166258	0.162401	1.29092	1.29092	0.0526927	0.685846	-1.45802	0.983484	1.00355	1.00355	0.776279	1.04999	1.04999	0.0991306	1.36277	1.36277	0.684987	1.07232	1.07232	0.909083	1.01975	1.01975	0.0365545	1.51584	1.51584	0.955581	1.00958	1.00958	0.02789	0.941409	0.41265	1
cg06166809	GPR150	0.166258	0.0573122	1.19535	1.19535	0.0126445	0.0944	-1.23754	0.183146	1.27054	1.27054	0.0169232	1.29444	1.29444	0.0423841	1.13545	1.13545	0.542382	1.06846	1.06846	0.0316659	1.61032	1.61032	0.0170001	1.66966	1.66966	0.02789	1.30827	1.30827	0.0164123	0.69609	0.02789	27.0222	11.8359	1
cg14551881	KLHL29	0.166258	0.664545	0.885867	-1.12884	0.144323	0.646884	-1.54587	0.932777	0.97684	-1.02371	0.576683	0.855007	-1.16958	0.0176266	0.448435	-2.22998	0.98235	0.993874	-1.00616	0.932806	1.32304	1.32304	0.0358724	0.507576	-1.97015	0.794561	0.930082	-1.07517	0.02789	2.47782	1.08611	1
cg05818129	TLR1	0.166261	0.353156	0.889617	-1.12383	0.537383	0.929571	-1.07576	0.208092	0.855239	-1.1679	0.74431	1.02901	1.02901	0.134795	0.828169	-1.20748	0.266124	0.831498	-1.20267	0.0768377	1.25873	1.25873	0.779177	0.967663	-1.03342	0.0425266	0.760998	-1.31406	0.02787	0.439197	0.193516	1
cg24496847	C20orf112	0.166263	0.256237	1.80915	1.80915	0.153705	2.23911	2.23911	0.148145	2.70504	2.70504	0.0233	3.43503	0.0348952	0.166014	3.66024	0.0364727	0.155368	0.448259	-1.80385	0.0999992	1.0615	1.0615	0.986739	0.979268	-1.02083	0.474182	1.19062	1.19062	0.02785	8.94509	3.92099	1
cg19349543	P2RY6;P2RY6;P2RY6;P2RY6	0.166265	0.0887331	0.1615567	-6.18977	0.313582	0.363536	-2.75083	0.266099	0.324639	-3.08034	0.117516	0.191940	-5.20973	0.0217671	0.0690333	-14.4858	0.216779	0.283145	-3.53175	0.0473768	0.104035	-9.60423	0.14377	0.0242452	-41.2252	0.199009	-5.0249	0.02784	30.2731	13.27	1
cg24312865	PPP2R2D;PPP2R2D;PPP2R2D	0.166265	0.600912	1.07957	1.07957	0.290867	1.15882	1.15882	0.163047	1.65866	1.65866	0.0356586	1.38942	1.38942	0.0197541	1.20416	1.20416	0.689057	1.04747	-1.05549	0.0179852	1.47205	1.47205	0.0173994	1.40405	1.40405	0.852168	0.975222	-1.02564	0.02793	1.39296	0.610565	1
cg20393622	ACAA2;ACAA2;SCARNA17	0.166267	0.643881	1.08085	1.08085	0.512586	1.11769	1.11769	0.0222461	1.58035	1.58035	0.0200537	1.59772	1.59772	0.42216	1.14676	1.14676	0.189523	1.26125	1.26125	0.417389	0.870741	-1.14845	0.854579	1.03112	1.03112	0.467612	1.13138	1.13138	0.02783	0.895806	0.392672	1
cg05481929	PDK2C	0.166271	0.514474	0.811423	-1.2324	0.630979	0.936375	-1.07948	0.451274	0.784571	-1.27458	0.974287	0.989863	-1.01024	0.0099872	0.357253	-2.79914	0.12917	0.59553	-1.67918	0.0700453	0.523799	-1.89646	0.908115	1.03717	1.03717	0.539288	1.21802	1.21802	0.02781	3.20921	1.40675	1
cg14044760	AFTPH;AFTPH;AFTPH	0.166274	0.514414	0.832066	-1.20181	0.537071	1.08981	1.08981	0.553903	1.31809	1.31809	0.162769	1.51736	1.51736	0.0163039	2.26297	2.26297	0.162765	1.37954	1.37954	0.00416	1.10416	1.10416	0.0354636	1.97555	1.97555	0.147959	1.23159	1.23159	0.575051	1.17059	1.17059	0.0601747	0.863796	-1.15768	0.02779	2.4832	1.09852	1
cg25124276	LOC100128811;GPR158	0.166277	0.709179	0.912275	-1.09616	0.0496513	0.577638	-1.73119	0.923734	0.976807	-1.02374	0.38101	1.24633	1.24633	0.949434	0.984578	-1.01566	0.161593	0.693279	-1.44242	0.0317968	0.539715	-1.85283	0.177553	1.42073	1.42073	0.787175	0.935833	-1.06857	0.02778	1.92881	0.845505	1
cg15540507	PIP5K1C	0.16628	0.0468615	0.820326	-1.21918	0.533493	0.990083	-1.00574	0.552041	0.878479	-1.13864	0.182442	1.12646	1.12646	0.130889	1.329107	1.329107	0.329334	1.18408	1.18408	0.175566	1.2739	1.2739	0.265618	0.823052	-1.21499	0.774235	0.952879	-1.04945	0.02775	0.904585	0.396535	1
cg24044186	MIR129-1 NAT1;NAT1;NAT1;NAT1;NAT1;NAT1;NA T1;NAT1;NAT1	0.166281	0.918499	0.929913	-1.07537	0.00729367	11.6643	11.6643	0.0473035	5.00888	5.00888	0.946555	1.04874	1.04874	0.867876	1.12547	1.12547	0.822023	0.852185	-1.17345	0.625194	1.41839	1.41839	0.958348	1.03777	1.03777	0.910066	0.922913	-1.08353	0.02775	16.1867	7.09562	1
cg18509990	T1;NAT1;NAT1	0.166283	0.160347	0.225106	-4.44236	0.0444122	0.100727	-9.92785	0.0661785	0.128869	-7.75984	0.106598	0.173462	-5.76496	0.993299	0.991686	-1.00838	0.651068	0.635921	-1.57252	0.190469	0.251973	-3.96868	0.128117	0.194874	-5.13151	0.0370949	0.0901233	-11.0959	0.02774	31.7458	13.9162	1
cg22469973	C2orf3	0.166285	0.494455	0.782161	-1.27851	0.0172676	0.358038	-2.793	0.521384	0.79441	-1.2588	0.0613656	0.474058	-2.10945	0.286456	0.675765	-1.4798	0.20773	0.624741	-1.60066	0.0513644	0.455861	-2.19365	0.0907582	0.516968	-1.93436	0.566371	0.814439	-1.22784	0.02772	4.02726	1.76542	1
cg13071778	PTPN4;PTPN4;PTPN4 MYB;MYB;MYB;MYB;MYB;MYB;MYB;M YB;MYB;M	0.166289	0.0843271	0.42882	-2.33198	0.0215732	0.509304	-1.96433	0.0472082	0.503846	-1.98511	0.0433184	0.503846	-1.98511	0.0433184	0.503846	-1.98511	0.431884	1.14275	1.14275	0.0753293	0.777626	1.28762	1.28762	0.400296	1.46488	1.46488	0.200017	0.548649	-1.82266	0.0277	6.31435	2.76383	1
cg23797471	Y8	0.166289	0.460633	0.831829	-1.20217	0.107042	0.649692	-1.53919	0.0578774	0.5912	-1.69147	0.376922	0.800712	-1.24889	0.88621	1.03572	1.03572	0.908363	0.972169	-1.02863	0.965161	0.989482	-1.01062	0.00930022	0.445378	-2.24528	0.445795	0.826536	-1.20987	0.2277	1.92966	0.84591	1
cg16927871	RARB;RARB;RARB;RARB	0.166291	0.275889	0.86857	-1.15132	0.0168531	0.149691	1.43691	0.0397183	1.34397	1.34397	0.825474	0.972919	-1.02784	0.876936	0.980924	-1.01945	0.686222	0.950764	-1.05179	0.988123	1.00185	1.00185	0.979086	0.99684	-1.00317	0.400019	1.11304	1.11304	0.02769	0.496306	0.217568	1
cg21768496	RIS1	0.166292	0.199642	0.754962	-1.32457	0.246114	1.28611	1.28611	0.896033	0.973244	-1.02749	0.994855	0.998662	-1.00134	0.279137	0.791826	-1.2629	0.0165776	0.544957	-1.83501	0.749931	1.06858	1.06858	0.516636	1.14615	1.14615	0.187353	1.33626	1.33626	0.02768	1.38189	0.605787	1
cg01756814	ELOVL6;ELOVL6	0.166296	?	?	?	?	0.0729344	2.39993	0.0355413	1.68246	1.68246	0.0177328	1.68728	1.68728	0.0312316	1.52354	1.52354	0.162064	1.48738	1.48738	0.0253252	1.74602	1.74602	0.800354	1.16293	1.16293	0.162312	1.74602	1.74602	0.0277	0.220127	0.353796	1
cg18652285	ATP1A4;ATP11A	0.166296	0.255191	0.480272	-2.08215	0.0265313	0.197213	-5.07065	0.0237377	0.185767	-5.38308	0.656684	0.758665	-1.3181	0.0205847	0.464395	-2.15334	0.704544	1.26516	1.26516	0.111744	0.343235	-2.91345	0.998568	1.00111	1.00111	0.901385	0.926322	-1.07954	0.02766	12.2403	5.36592	1
cg04588455	MA2;MA2	0.166298	0.0397289	0.0977297	1.46338	0.536268	0.114025	1.14025	0.535302	1.14061	1.14061	0.591748	0.892744	-1.12014	0.102316	1.45453	1.45453	0.0561607	1.57345	1.57345	0.200901	1.32723	1.32723	0.552935	0.881796	-1.13405	0.127269	0.707793	-1.41284	0.02762	1.41035	0.618284	1
cg26265657	ANXA5	0.166303	0.383295	0.749217	-1.33473	0.631095	0.855347	-1.16912	0.929715	1.0289	1.0289	0.540247	0.818536	-1.22169	0.0266821	0.428231	-2.33519	0.0137592	0.373976	-2.67397	0.690243	0.878649	-1.13811	0.711066	1.12768	1.12768	0.586304	1.19418	1.19418	0.02762	0.34929	0.14683	1
cg26132990	GOLGA11	0.166305	0.0926153	0.796719	-1.25529	0.260667	0.670661	-1.49107	0.0174559	0.882581	-1.13344	0.528972	0.884153	-1.13144	0.528972	0.884153	-1.13144	0.0564309	0.528638	-1.89202	0.0925555	0.612272	0.808772	-1.23644	0.0419778	0.904902	1.10546	0.0720012	0.7125	1.40351	0.02761	1.42092	1.2262	1
cg01555604	FAM179B;KLHL28;FAM179B	0.166305	0.403193	0.818295	-1.22205	0.352986	0.799285	-1.25112	0.852245	1.04468	1.04468	0.227899	0.743269	-1.34541	0.750114	0.927833	-1.07778	0.479447	1.18356	1.18356	0.00491151	0.417433	-2.39559	0.561401	0.8714	-1.14758	0.59424	0.88158	-1.13433	0.0276	1.76464	0.773608	1
cg04088595	EIF4E1;EIF4E1;GPR27 PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK	0.166307	0.456084	0.742854	-1.34616	0.433837	0.36236	1.36236	0.051277	1.35944	1.35944	0.235061	0.831942	-1.20201	0.616851	0.894	-1.11857	0.0819128	2.1771	2.1771	0.0570357	0.459457	0.459457	-2.29961	0.916381	1.04146	1.04146	0.888988	0.945092	-1.0581	0.02757	0.84044	0.321067	1
cg15663656	6;PCSK6;PCSK6	0.166308	0.410955	1.18486	1.18486	0.310072	0.809037	-1.23604	0.350844	0.823489	-1.21376	0.844497	0.854586	-1.17016	0.537534	0.88166	-1.13422	0.0723966	1.49852	1.49852	0.0204977	1.70056	1.70056	0.405914	0.843264	-1.18734	0.783711	0.94475	-1.05848	0.02759	1.30706	0.57307	1
cg25697442	GM05	0.166311	0.54353	1.17807	1.17807	0.332625	0.617102	-1.62142	0.0427082	0.938294	-1.06571	0.630933	0.970437	-1.03003	0.00793049	0.784201	-1.27455	0.259012	0.55755	-1.79356	0.581387	0.759617	-1.31645	0.0875402	0.784201	-1.27455	0.518152	0.418836	0.665028	-1.50358	0.02757	1.78709	0.74167	1
cg05571164	NKIRAS1;RPL15	0.166311	0.117528	0.391418	-2.55481	0.0798016	0.923112	-2.9232	0.548417	0.75129	-1.33803	0.361818	0.596193	-1.67731	0.0307151	0.942817	-1.06065	0.655091	1.28156	1.28156	0.411581	0.633738	-1.57784	0.0205874	0.214617	-4.65947	0.096907	0.997863	-1.00214	0.02757	9.77625	4.28592	1
cg18540194	NDUFV2	0.166313	0.424812	0.74882	-1.33198	0.0215732	0.509304	-1.96433	0.0472082	0.503846	-1.98511	0.0433184	0.503846	-1.98511	0.0433184	0.503846	-1.98511	0.431884	1.14275	1.14275	0.0753293	0.777626	1.28762	1.28762	0.400296	1.46488	1.46488	0.200017	0.548649	-1.82266	0.0277	6.31435	2.76383	1
cg09560452	ZNRF3 SLC25A25;SLC25A25;SLC25A25;SLC25A	0.166314	0.898193	0.944669	-1.05857	0.026056	0.23614	1.23614	0.0138898	3.86292	3.86292	0.812148	1.11168	1.11168	0.533673	1.32355	1.32355	0.467978	1.38873	1.38873	0.193282	1.84444	1.84444	0.693354	0.838426	-1.19271	0.797958	1.12083	1.12083	0.02755	6.3499	2.78383	1
cg14294859	25	0.166316	0.79191	0.793151	-1.26079	0.235275	0.97491	2.97491	0.744005	1.33267	1.33267	0.314574	0.48797	-2.04897	0.0250035	0.106792	-9.36402	0.588309	0.69142	-1.61441	0.0778654	0.179478	-5.57172	0.0203563	0.24584	4.2584	0.262093	0.358842	-2.78674	0.02754	24.6659	10.8137	1
cg26066349	HECTD1	0.166317	0.0453861	0.316073	-3.16383	0.229705	1.88222	1.88222	0.0978736	2.48748	2.48748	0.687328	1.22513	1.22513	0.455909	0.683124	-1.46386	0.979386	0.987118	-1.01305	0.134618	0.445079	-2.24679	0.173133	0.483152	-2.06974	0.510201	0.715188	-1.39823	0.02753	8.08668	3.54528	1
cg16604318	FBXO3;FBXO3	0.166318	0.144993	0.737343	-1.35617	0.173929	0.729324	1.37093	0.0355413	1.68246	1.68246	0.0177328	1.68728	1.68728	0.0312316	1.52354	1.52354	0.162064	1.48738	1.48738	0.0253252	1.74602	1.74602	0.800354	1.16293	1.16293	0.162312	1.74602	1.74602	0.0277	0.220127	0.353796	1
cg01508796	C10orf75	0.166318	0.194672	1.20336	1.20336	0.499497	1.09691	1.09691	0.573874	0.926194	-1.07969	0.74492	1.04503	1.04503	0.0216876	1.45051	1.45051	0.835442	1.02846	1.02846	0.813649	0.770526	-1.29782	0.252079	0.850917	-1.1752	0.969512	1.00517	1.00517	0.02753	0.584667	0.256324	1
cg01229433	TBL1XR1	0.166318	0.0857333	1.81058	1.81058	0.129488	1.49115	1.49115	0.262263	1.43701	1.43701	0.0645314	1.90423	1.90423	0.293993	1.4016	1.4016	0.979014	0.991875	-1.00819	0.415151	0.771596	-1.29601	0.173741	1.57028	1.57028	0.132555	0.597789	-1.67283	0.02753	1.08029	1.35458	1
cg01229433	MNX1;MNX1	0.166319	0.894864	1.04089	1.04089	0.17797	1.51264	1.51264	0.15822	1.1522	1.1522	0.803827	1.07449	1.07449	0.87348	1.04708	1.04708	0.304837	0.735832	-1.35901	0.0274855	0.471676	-2.1228	0.0477399	1.52228	1.52228	0.887994	0.960134	-1.04152	0.02752	2.67607	1.17322	1
cg04325591	FA2H	0.16632	0.954493	1.01929	1.01929	0.687399	0.873357	-1.14501	0.227359	0.65427	-1.52842	0.790317	0.918343	-1.08915	0.0111113	0.344483	-2.9029	0.216204	0.646835	-1.54599	0.249793	1.49574	1.49574	0.367602	1.36317	1.36317	0.340311	0.719668	-1.38953	0.02752	3.59842	1.57759	1
cg06679209	HMHA1	0.166321	0.389403	0.802647	-1.24617	0.196213	0.94088	-1.06293	0.920955	1.02096	1.02096	0.645152	0.599088	1.66918	0.286372	0.798677	-1.25207	0.0441779	0.491587	-2.03455	0.312272	0.808772	-1.23644	0.0419778	0.904902	1.10546	0.0720012	0.7125	1.40351	0.02761	1.42092	1.2262	1
cg00932156	DCAF5	0.166322	0.905678	0.979374	-1.02106	0.115391	1.35114	1.35114	0.0664262	1.4361	1.4361	0.709223	0.936262	-1.06808	0.0302154	1.56526	1.56526	0.302136	1.20677	1.20677	0.641917	0.920959	-1.08582	0.211783	1.26021	1.26021	0.32505	0.836375	-1.19564	0.0275	2.99261	0.435202	1
cg17614582	PTPN2;PTPN2;PTPN2 ADAM15;ADAM15;ADAM15;ADAM15;	0.166323	0.832872	1.11595	1.11595	0.0911068	0.2279	2.6279	0.045029	1.55539	1.55539	0.746148	0.844815	-1.18369	0.0165512	0.218746	-4.57151	0.989139	0.992958	-1.00709	0.256056	1.84907	1.84907	0.27706	1.79844	1.79844	0.876651	0.922523	-1.08398	0.2275	8.65536	3.79465	1
cg15466245	ADAM15;ADAM15	0.166323	0.108053	0.616751	-1.62141	0.172992	0.669719	-1.49316	0.115624	0.623219	-1.60457	0.499399	0.827326	-1.20871	0.00864104	0.396297	-2.52336	0.666396	0.887003	-1.12739	0.724569	0.906824	-1.10275	0.198143	0.680592	-1.45647	0.151873	0.654146	-1.52871	0.0275	2.45434	1.07602	1
cg23399224	ZBTB46	0.166325	0.342351	0.737102	-1.35677	0.183694	0.675133	-1.48066	0.0726	0.77534	-1.28993	0.0355413	1.68246	1.68246	0.0177328	1.68728	1.68728	0.0312316	1.52354	1.52354	0.162064	1.48738	1.48738	0.0253252	1.74602	1.74602	0.0277	0.220127	0.353796	1.03574	1.03574	0.454118	1
cg22969661	PDK3;PDK3;PDK3;PDK3	0.166328	0.044308	0.060897	-16.4212	0.960819	0.942223	-1.06132	0.975107	1.03852	1.03852	0.187832	0.42383	-2.36851	0.206861	0.51638	0.51638	0.030708	0.0461959	-21.647	0.836049	1.28537	1.28537	0.859297	1.23981	1.23981	0.935811	1.1025	1.1025	0.02747	47.1256	20.661	1
cg05134616	GNL1	0.166329	0.0477	0.537033	-1.86127	0.0497	0.16041	1.16041	0.0397	1.16041	1.16041	0.466328	0.924331	1.08241	0.777754	0.784138	0.041224	0.975913	1.00819	0.415151	0.771596	-1.29601	0.173741	1.57028	1.57028	0.132555	0.597789	-1.67283	0.02753	1.08029	1.35458	0.484183	1
cg07914959	BACH2;BACH2;BACH2;BACH2	0.166337	0.291357	1.46191	1.46191	0.418537	1.33202	1.33202	0.529563	1.24719	1.24719	0.247724	1.52065	1.52065	0.212225	0.639985	1.57732	0.105729	0.54178	-1.84577	0.371563	1.37465	1.37465	0.0254879	2.51117	2.51117	0.868365	1.05922	1.05922	0.02747	3.86251	1.69346	1
cg27006326	NRM	0.166339	0.516813	0.865537	-1.15535	0.0272149	1.77576	1.77576	0.159374	1.39151	1.39151	0.0944782	1.49757	1.49757	0.0647719	1.57729	1.57729	0.211609	1.33525	1.33525	0.700461	0.970104	0.919375	-1.08864	0.770069	0.937638	-1.06651	0.527141	1.15116	1.15116	0.0274	1.54988	0.679526	1
cg11162185	NANP	0.166339	0.958302	1.04357	1.04357	0.0638409	1.12363	1.12363	0.0602999	1.40564	1.40564	0.0129096	1.84578	1.84578	0.0124622	1.31494	1.31494	0.0598088	1.64918	1.64918	0.0238767	1.31879	1.31879	0.0155155	1.14265	1.14265	0.0188715	1.10348	1.10348	0.0148	1.84324	1.04243	0.0274	0.469575	0.203879	1
cg03817774	SLC17A8;SLC17A8	0.166341	0.133518	0.412086	-2.42668	0.0882175	0.356826	-2.80249	0.449634	0.655726	-1.52503	0.710955	1.22617	1.22617	0.0176076	0.205557	4.86483	0.423714	0.639176	-1.56451	0.0697605	0.329262	-3.0371	0.665519	1.26903	1.26903	0.936293	0.957155	-1.04476	0.02739	0.563489	0.422432	1
cg20597644	LSP1;LSP1;LSP1;LSP1	0.166342	0.907857	1.08615	1.08615	0.255395	1.23777	1.23777	0.431973	1.21769	1.21769	0.0956803	1.10424	1.10424	0.0215114	0.874103	-1.14401	0.382667	0.69933	-1.42994	0.0537144	0.4225	-2.36127	0.104224	0.573155	1.74458	0.0178348	0.556422	-1.7972	0.02738	0.54132	0.24872	1
cg17369991	FAM57A	0.166346	0.190336	0.372531	-2.68434	0.00634563	0.079671	-12.5516	0.804879	0.838426	-1.19271	0.876093	1.1175	1.1175	0.13615	0.318759	-3.13716	0.314621	0.47694	-2.0967	0.167176	0.350491	-2.85314	0.849948	0.873852	-1.14436	0.764442	0.807379	-1.23858	0.02736	16.2764	7.13635	1
cg23071962	TRIB2;TRIB2 TMED7-TICAM2;TMED7-	0.166348	0.952233	0.984841	-1.01539	0.0291518	0.630207	-1.58678	0.170093	0.769176	-1.30009	0.0892931	0.714259	-1.40005	0.0576204	0.680042	-1.4705	0.862004	1.03174	1.03174	0.106151	0.728182	-1.37291	0.846588	1.0354	1.0354	0.754796	1.05788	1.05788	0.02734	1.03574	0.454118	1
cg07957705	TICAM2;TMED7	0.166349	0.705821	0.911037	-1.09765	0.947542	1.0163	1.0163	0.0110532	1.28805	1.28805	0.182436	0.706341	-1.41575	0.806585	1.06212	1.06212	0.294107	0.763394	-1.30652	0.607703	0.880541	-1.13567	0.872945	0.961442	-1.0401	0.219742	1.37308	1.37308	0.02734	1.93822	0.849814	1
cg22280475	EBF2	0.166351	0.75888	1.07933	1.07933	0.153975	1.16476	1.16476	0.0468

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1253 vs. N)	Fold-Change(1253 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	F(Error)
cg04762890	MMP15	0.166515	0.194136	0.750253	-1.31708	0.291268	0.803655	-1.24431	0.0157874	0.552688	-1.80934	0.517055	1.24077	1.13249	0.722189	-1.38468	0.045525	0.63142	-1.58373	0.613964	0.90305	-1.10736	0.773471	0.94378	-1.05957	0.934362	0.983621	-1.01665	2.02635	1.20004	0.565895	1
cg24141991	RNF26	0.166519	0.805678	0.925281	-1.08075	0.27555	1.4296	1.4296	0.116209	1.71237	1.71237	0.465754	1.26349	1.26349	0.0113594	1.368419	2.7143	0.586521	0.841112	-1.1889	0.911019	1.03585	1.03585	0.750748	1.10562	1.10562	0.692926	1.1332	1.12632	3.18583	1.39753	1
cg07725658	QRSF1;QRSF1	0.166519	0.182219	0.60646	-1.64891	0.453906	1.30929	1.30929	0.00968419	3.17784	3.17784	0.27087	0.66702	-1.49921	0.543725	0.804854	-1.24246	0.835027	0.928983	-1.07645	0.783042	0.9071	-1.10241	0.58203	0.821709	-1.21698	0.975822	0.989352	-1.01076	2.02632	4.00444	1.75663	1
cg07032676	HLA-F;HLA-F-DT;HLA-F	0.166519	0.859784	0.746309	-1.33977	0.549516	0.367264	-2.72299	0.995187	4.22278	4.22278	0.319745	5.47856	5.47856	0.546642	3.964539	-2.74319	0.564309	0.381355	-2.62237	?	?	?	0.08441292	261.757	261.757	0.4938318	3.163327	2.140605	78.6132	38.5236	1
cg02930078	NUP153	0.16652	0.526198	0.859882	-1.16295	0.938667	0.986493	-1.01369	0.789113	1.06504	1.06504	0.542661	0.865662	-1.15519	0.467679	0.840549	-1.1897	0.375153	1.23856	1.23856	0.0237257	0.541314	-1.84736	0.603388	1.63479	1.63479	0.183717	1.3937	1.093007	0.26332	1.77308	0.777802	1
cg02835462	MAST2	0.166528	0.0473958	0.365363	-2.737	0.947577	0.971267	-1.03958	0.535741	0.757252	-1.32055	0.893832	0.942516	-1.06099	0.0223507	0.297114	-3.36571	0.340382	0.64685	-1.54595	0.0516119	0.374472	-2.67043	0.629262	0.805992	-1.24071	0.0926075	0.440182	-2.27179	0.22627	6.30864	2.76749	1
cg00042683	SHF	0.166528	0.0867737	0.696462	-1.43583	0.499272	0.877077	-1.14015	0.185425	1.30806	1.30806	0.445752	1.16026	1.16026	0.167379	0.754686	-1.32505	0.565329	1.11756	1.11756	0.0452124	1.55174	1.55174	0.825499	1.04313	1.04313	0.278124	1.2407	1.2407	0.22627	1.17364	0.514857	1
cg04140840	TNRC6B;TT1	0.166528	0.361244	1.55042	1.55042	0.979001	0.946024	-1.05674	0.288383	0.597445	-1.67381	0.759274	1.15444	1.15444	0.0972682	2.019867	-4.609	0.468034	1.41199	1.41199	0.516267	1.36011	1.36011	0.779318	1.14447	1.14447	0.188465	0.5214472	-1.91765	0.22627	7.00614	3.07347	1
cg19727492	LOC202181	0.166529	0.34813	1.79603	-1.25533	0.0514499	0.593345	-1.68536	0.0387642	0.569286	-1.75659	0.0213587	0.733281	1.33811	0.378121	0.935779	-1.06863	0.656966	0.900126	-1.11096	0.863222	1.04143	1.04143	0.302055	0.656215	-1.52389	0.13254	0.682429	-1.46535	2.02626	1.77844	0.780174	1
cg04737881	MGC45800	0.166533	0.633469	0.730682	-1.36859	0.569303	1.45509	1.45509	0.125573	0.338664	-2.95278	0.842793	1.13848	1.13848	0.349546	0.533141	-1.87568	0.475588	1.60616	1.60616	0.0545775	0.240673	-4.15502	0.0459553	4.45512	4.45512	0.427886	1.69669	1.69669	0.22624	13.6905	6.00587	1
cg14078135	NUMA1	0.166535	0.383907	0.585482	-1.70923	0.0102609	1.24371	1.24371	0.0645549	0.248811	0.369252	-2.70817	0.488512	1.5249	0.364645	0.577371	-1.73093	0.676906	0.77786	-1.28558	0.180609	0.567768	-1.82559	0.370516	0.777964	-1.28558	0.184871	0.392223	0.0623	0.513588	0.626108	1.73561	1
cg08384322	C16orf46;C16orf46	0.166542	0.461531	1.65977	1.65977	0.303823	0.485263	-2.06074	0.0375496	5.10897	5.10897	0.983765	0.989353	-1.01076	0.236175	0.432122	-2.31416	0.773387	0.82721	-1.2155	0.0861411	3.60275	3.60275	0.143189	2.8964	2.8964	0.205287	2.46771	2.46771	0.226218	14.6617	6.43211	1
cg15951914	SRPX2;SRPX2	0.166544	0.128744	0.505219	-1.98008	0.108821	0.483201	-1.07035	0.162418	0.539223	-1.86004	0.188934	0.560399	-1.78444	0.0421219	0.577448	-2.49317	0.965959	0.982399	-1.01792	0.493869	1.35597	1.35597	0.193258	1.37564	1.37564	0.062747	1.01963	1.01963	0.226217	5.55818	2.43751	1
cg23786625	SORCS3	0.166551	0.258702	0.774879	-1.29052	0.118774	0.693178	-1.44263	0.0755986	0.651768	-1.53429	0.0357288	0.589238	-1.69711	0.490035	0.1687	-5.92735	0.169228	0.728354	-1.37296	0.0661081	0.640076	-1.56231	0.172407	0.730284	-1.36933	0.785338	0.942623	-1.06087	0.226131	1.50311	0.659434	1
cg21350237	KIF2C	0.166551	0.0417859	0.530101	-1.88643	0.168983	1.48645	1.48645	0.184609	0.755161	1.32985	0.784202	1.46317	1.46317	0.100372	0.614549	-1.67221	0.235024	0.714153	-1.40026	0.0407233	0.544229	1.55468	1.55468	0.0327784	1.64137	1.64137	0.0490358	1.03978	1.03978	0.226123	2.34768	1.02996	1
cg24649332	SLC13A3;SLC13A3	0.166556	0.568356	1.38346	1.38346	0.127562	0.25949	2.52949	0.72871	2.72071	2.72071	0.124909	0.111533	2.52283	0.805243	0.870103	-1.14929	0.444258	1.55468	1.55468	0.0227784	0.64137	1.64137	0.0925704	0.342197	3.24795	0.0590896	0.32156	3.32156	0.2261	10.1797	4.46604	1
cg00505997	GTF2F2	0.166556	0.568025	1.06868	1.06868	0.44676	0.914603	-1.09337	0.895885	1.01518	1.01518	0.454222	1.09172	1.09172	0.00702219	1.493663	1.493663	0.179213	1.17849	1.17849	0.606371	0.941926	-1.06165	0.469134	0.918718	-1.08847	0.769421	1.03441	1.03441	0.2261	0.42518	0.186534	1
cg26086029	CPS2; HMGA1;HMGA1;HMGA1;HMGA1;HMG	0.166557	0.0432041	0.315905	-3.1655	0.467173	0.693111	-1.44277	0.201586	0.515268	-1.95062	0.805428	1.13007	1.13007	0.0497827	0.326079	-3.06674	0.154268	0.47093	-2.12546	0.0741134	0.379037	-2.6807	0.938236	1.03914	1.03914	0.0727251	0.370904	-2.69612	0.22609	7.87696	3.45579	1
cg08335767	A1;HMGA1	0.166557	0.104248	0.381684	-2.61997	0.367989	0.605639	-1.65115	0.420392	1.56271	1.56271	0.573943	0.734852	-1.36082	0.116032	0.396008	-2.5252	0.3747	0.610111	-1.63905	0.0206297	0.220509	-4.53497	0.0532601	0.303974	-3.28975	0.509942	0.695952	-1.43688	2.02609	0.43707	4.14024	1
cg17235148	KCNQ1;KCNQ1	0.166559	0.101132	1.59813	1.59813	0.0221491	2.04692	2.04692	0.520735	1.18351	1.18351	0.0562086	1.75894	1.75894	0.601004	1.14774	1.14774	0.0321233	1.92616	1.92616	0.294272	1.32855	1.32855	0.601334	1.1476	1.1476	0.437491	1.22979	1.22979	0.22608	2.18848	0.960136	1
cg11475555	TRPV3	0.166564	0.772085	0.92373	-1.08257	0.0954483	2.45166	2.45166	0.579721	0.858297	-1.1651	0.304088	0.747702	-1.33743	0.296043	0.743797	-1.34445	0.995071	1.00169	1.00169	0.221032	1.42109	1.42109	0.744032	1.09363	1.09363	0.600845	0.865712	-1.15512	2.02605	2.35449	1.05052	1
cg14755054	NDUFB3	0.166565	0.309418	0.597036	-1.67501	0.169872	0.442336	-2.26072	0.0238263	0.200496	-4.9665	0.0631237	0.272127	-3.67354	0.0256811	0.203239	-4.92037	0.641569	0.982399	-1.01792	0.493869	1.35597	1.35597	0.193258	1.37564	1.37564	0.062747	1.01963	1.01963	0.226217	5.55818	2.43751	1
cg18867375	TIGD1;TIGD1;EIF4E2	0.166566	0.205664	0.850406	-1.17591	0.712681	0.956101	-1.04591	0.168864	1.19473	1.19473	0.067993	0.7803	-1.28156	0.322733	1.13198	1.13198	0.155106	0.831387	-1.20281	0.882836	1.01806	1.01806	0.641985	1.05847	1.05847	0.0868722	1.25796	1.25796	0.26204	0.472661	0.207372	1
cg19363499	PRDM14;PRDM14	0.166571	0.568564	1.42788	1.42788	0.742398	0.815574	-1.22613	0.688494	0.77951	-1.28286	0.611935	0.728903	-1.37192	0.388751	0.599383	-1.66792	0.246762	0.473204	-2.11406	0.783362	0.843371	-1.18572	0.0609973	0.63479	0.63479	0.758202	1.21028	1.21028	0.22601	12.2586	5.37831	1
cg02383569	RABEPK;RABEPK	0.166572	0.57992	1.34846	1.34846	0.127562	2.52949	2.52949	0.72871	2.72071	2.72071	0.124909	0.111533	2.52283	0.822383	0.805243	0.870103	0.444258	1.55468	1.55468	0.0227784	0.64137	1.64137	0.0925704	0.342197	3.24795	0.0590896	0.32156	3.32156	0.2261	10.1797	4.46604	1
cg07380506	CYP1B1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.166574	0.207407	0.610607	-1.63771	0.538746	0.794937	-1.25796	0.631228	1.19506	1.19506	0.887044	0.949033	-1.0537	0.00917896	0.282109	3.54473	0.886895	0.948965	-1.05378	0.377924	1.39692	1.39692	?	?	0.421812	0.738612	-1.35389	2.13681	3.98886	1.63339	1
cg05637092	PRKAR1B;PRKAR1B	0.166575	0.774306	0.17025	1.07025	0.384887	0.810273	-1.23415	0.108633	0.66149	-1.51174	0.0907668	0.618557	-1.61667	0.164437	0.705795	-1.41684	0.352531	1.25148	1.25348	0.0702262	1.61275	1.61275	0.580519	1.1409	1.1409	0.588882	0.8791	-1.13753	2.02599	1.78043	0.7851	1
cg15376367	TBCA	0.166584	0.608481	0.879488	-1.13703	0.186658	0.706145	-1.41614	0.777949	1.0728	1.0728	0.428421	0.81796	-1.22255	0.0157734	0.47939	-2.08598	0.178181	1.42701	1.42701	0.632586	0.887296	-1.12702	0.326938	0.777601	-1.28601	0.254244	1.34434	1.34434	0.22593	1.98222	0.869711	1
cg08052078	STX8P5;STX8P5	0.166584	0.147542	0.789813	-1.26655	0.0221491	2.04692	2.04692	0.520735	1.18351	1.18351	0.0562086	1.75894	1.75894	0.601004	1.14774	1.14774	0.248605	0.488664	-2.04698	0.515997	1.18411	1.18411	-5.51234	0.0602066	0.474827	0.31316	0.963825	-1.03783	0.622104	0.74327	1.34541	1.02693	1.94	0.96305	1
cg14035787	POU5F1B	0.166589	0.153041	1.55482	1.55482	0.158058	2.34628	2.34628	0.0437267	1.95164	1.95164	0.151185	1.55838	1.55838	0.163498	0.977276	-1.02325	0.100568	1.68005	1.68005	0.466015	1.23859	1.23859	0.533592	1.1944	1.1944	0.338637	1.32908	1.32908	0.2259	2.6693	1.17119	1
cg08357047	C12orf73	0.166591	0.157435	1.55482	1.55482	0.158058	2.34628	2.34628	0.0437267	1.95164	1.95164	0.151185	1.55838	1.55838	0.163498	0.977276	-1.02325	0.0317848	1.42704	1.42704	0.632586	0.887296	-1.12702	0.326938	0.777601	-1.28601	0.254244	1.34434	1.34434	0.22593	1.98222	0.869711	1
cg14944269	RAB15	0.166597	0.194053	0.468444	-2.13473	0.122933	2.51537	2.51537	0.140479	2.39925	2.39925	0.383631	1.63731	1.63731	0.353974	0.590766	-1.69272	0.749403	0.837883	-1.19348	0.0434049	0.277468	-3.60401	0.570938	0.729012	-1.37172	0.331296	0.57509	-1.73886	0.25586	9.773555	4.28836	1
cg26464439	LRCH4	0.166598	0.727579	1.10716	1.10716	0.523281	0.828363	-1.2072	0.20634	1.47403	1.47403	0.0307061	0.477657	-2.09555	0.0911459	0.587795	-1.71882	0.241234	0.699703	-1.42918	0.840688	0.945	-1.0582	0.163467	1.54175	1.54175	0.926134	1.02736	1.02736	0.22585	2.71865	1.19287	1
cg19088844	FAM119A;FAM119A	0.166603	0.0493102	0.7892	-1.26728	0.310878	0.824007	-1.21331	0.117353	0.984612	0.984612	0.888138	1.00187	1.00187	0.950172	0.988398	-1.01012	0.912644	0.989415	0.989415	0.951382	1.00787	1.00787	0.935585	1.23599	1.23599	0.0752239	1.21099	1.21099	0.22582	1.29648	0.511148	1
cg14403574	EFCAB6;EFCAB6	0.166604	0.0680002	0.34986	-2.85828	0.0564801	0.329709	-3.03298	0.772623	1.16052	1.16052	0.569801	0.744429	-1.34331	0.104004	0.401179	-2.49265	0.281543	0.562674	-1.77723	0.0400539	0.295463	-3.38451	0.0632015	0.341766	-2.92598	0.438644	0.666377	-1.50065	0.25881	8.4708	3.71683	1
cg18663407	ITGB2;ITGB2	0.166605	0.0803443	0.739739	-1.35163	0.0574301	0.940838	-1.05481	0.553654	0.594392	-1.68243	0.177851	0.628582	-1.59082	-2.33334	0.406567	0.671209	-2.48972	0.959702	1.0212	0.482207	0.732359	-1.36525	0.164204	0.926524	-1.07972	0.12946	0.864272	-1.15696	0.226222	1.64096	0.622302	1.08894	1.0456	1.54	0.96305	1
cg26782151	OXER1	0.166606	0.664893	0.654343	-1.52825	0.53408	0.7135	1.1375	0.0202889	0.564112	-1.7727	0.330272	1.22818	1.22818	0.202328	0.759225	-1.31713	0.835326	0.958308	-1.04351	0.5673	1.12557	1.12557	0.339162	0.817455	-1.22331	0.391194	0.835487	-1.19691	0.2258	1.34294	0.589261	1
cg14923157	CPAMD8	0.166608	0.00902141	3.58717	3.58717	0.207878	1.66692	1.66692	0.29059	1.52505	1.52505	0.139867	1.84271	1.84271	0.664078	1.1831	1.1831	0.659523	1.18602	1.18602	0.279855	0.649029	-1.54076	0.443076	1.3511	1.3511	0.927989	0.965816	-1.03539	0.26579	4.75052	2.08447	1
cg18313046	MAPRE3	0.166611	0.545715	0.426222	-1.18677	0.828376	0.06268	-1.06268	0.439685	0.801961	-1.24694	0.574834	0.85324	-1.172	0.0142017	0.42862	-2.33307	0.0578005	0.548433	-1.82338	0.403674	0.787177	-1.27036	0.573839	1.28984	1.28984	0.123168	0.626449	-1.5963	0.25577	2.51606	1.10402	1
cg24771804	ONECUT2	0.166612	0.840934	0.859144	-1.16409	0.691201	0.99394	-1.00628	0.925155	0.633737	-1.57837	0.421078	0.948208	-1.05482	0.0154598	0.540807	-1.84939	0.630879	0.732976	-1.40313	0.514704	0.803077	-1.24521	0.0447162	0.314674	0.803077	-1.24521	0.0447162	0.314674	0.803077	-1.24521	0.0447162	0.314674

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg07635594	DIRC1	0.166801	0.251498	0.588416	-1.70527	0.331404	0.639893	-1.56276	0.731881	0.857941	-1.16558	0.563648	0.29703	1.29703	0.217473	0.561001	-1.78253	0.623383	0.305947	-1.32854	0.048142	0.365605	-2.57354	0.037925	-2.63835	0.897332	0.044111	-1.0592	2.02461	6.36412	2.79411
cg16001613	CD5	0.16681	0.164786	0.541351	-1.84723	0.535931	0.771388	-1.29636	0.0579424	0.411633	-2.42935	0.832411	0.915989	-1.09172	0.0273566	0.339261	-2.94758	0.323485	0.655551	-1.52543	0.330426	0.659761	-1.5157	0.04669977	0.380415	-2.56795	0.0699291	0.432067	-2.31445	2.02458	5.49846	2.41409
cg01038128	CIR1	0.166811	0.262025	0.606232	-1.64953	0.66079	0.827813	-1.208	0.463299	0.726536	-1.37639	0.874675	0.914686	-1.06988	0.0367641	0.354089	-2.82415	0.0242477	0.31681	-3.15647	0.140469	0.507337	-1.97107	0.511124	1.33004	1.33004	0.10656	0.470435	-2.12569	2.02457	5.87192	2.57807
cg20577112	TECTA	0.166859	0.707801	0.170874	-5.85238	0.146209	0.276627	-3.61497	0.234848	0.340967	-2.93283	0.422787	0.509301	-1.96348	0.0211127	0.107768	-9.82475	0.10555	0.232863	-4.2944	0.0745143	0.194503	-5.14132	0.253994	0.374202	-2.67236	0.136752	0.266879	-3.74702	2.02454	21.774	9.56
cg24121436	RTN1	0.16682	0.057818	0.799483	-1.25081	0.352367	1.10501	1.10501	0.109481	1.1997	1.1997	1.11273	0.996311	0.99991	-1.00009	0.180617	0.862148	-1.15989	0.629764	0.950584	-1.05199	0.132731	1.18442	1.18442	0.285992	1.22156	1.122556	0.24652	0.34905	0.153254	1
cg09068133	TMEM218	0.166824	0.508441	0.858733	-1.16451	0.146104	0.701717	-1.42508	0.305345	0.785869	-1.27248	0.103342	0.667336	-1.49885	0.0177223	0.515581	-1.92461	0.576545	1.13664	1.13664	0.223228	0.74786	-1.33715	0.143819	0.700095	-1.42838	0.0821794	0.645858	-1.54833	2.0245	1.62555	0.725581
cg24500304	SNORA48;TOMM20	0.166827	0.0283741	0.666653	-1.50003	0.084712	0.741722	-1.34821	0.046284	0.699244	-1.43012	0.598407	1.08685	1.08685	0.0966431	0.751407	-1.33084	0.575778	0.915221	-1.09263	0.691202	0.939351	-1.06456	0.568307	0.913597	-1.09457	0.153637	0.787106	-1.27048	2.02448	0.787344	0.345699
cg24241153	FBXL16	0.166831	0.0270952	0.417219	-2.39682	0.815503	1.08122	1.08122	0.94615	0.975282	-1.02594	0.122257	0.571466	-1.74848	0.0551207	0.483921	-2.06782	0.128086	0.578248	-1.72996	0.291661	0.693786	-1.44137	0.0913418	1.05515	1.05515	0.0912319	0.537159	-1.86165	2.02445	3.57884	1.57138
cg04634155	DHD4	0.166832	0.4485645	0.565211	-1.76903	0.0446916	0.8032741	-1.25	0.0438043	0.806024	-1.24013	0.846135	0.8475146	-1.18029	0.0486724	0.529889	-1.89434	0.38289	0.516229	-1.93712	0.357596	0.49704	-2.01191	0.158529	0.666155	-1.50115	0.865895	0.882591	-1.13303	2.02445	17.5064	7.68666
cg16001480	SNORD116-4	0.166832	0.145088	0.396664	-2.52103	0.16152	0.413352	-2.41925	0.131884	2.61431	2.61431	0.56782	1.40663	1.40663	0.215697	0.463023	-2.15972	0.332179	0.553681	-1.8061	0.55219	1.42673	1.42673	0.246321	2.0471	2.0471	0.0785771	0.315221	-3.17237	2.02445	11.1956	4.91575
cg25114752	SNORD116-8	0.166833	0.17716	0.344828	-2.90155	0.0788202	0.3030202	-3.30025	0.0449596	0.8340092	1.82525153	1.173	1.830426	0.4667571	1.2703092	0.2703762	-3.72789	0.1058572	0.209512	-4.7741	0.0941554	0.1818949	-5.49907	0.0729791	1.2933	1.2933	0.0475536	0.1859945	-5.37794	2.02445	17.6653	7.75644
cg13646020	PHOX2B	0.166834	0.600877	2.03059	2.03059	0.339263	3.75	0.253816	3.52	0.672601	1.67201	0.627201	1.61021	1.61021	0.623401	0.533126	-3.00187	0.962685	1.06479	1.06479	0.873467	0.807452	-1.23846	0.00513226	1.42713	1.42713	0.91957	1.14515	1.14515	2.02443	57.7368	25.3511
cg03198894	ZBTB10;ZBTB10	0.166839	0.842709	1.09044	1.03854	0.143408	0.741287	-1.149	0.187848	0.737605	-1.35557	0.608354	0.906282	-1.10394	0.382992	1.1857	1.1857	0.697841	1.07711	1.07711	0.102109	1.69576	1.69576	0.600159	0.904295	-1.10583	0.289545	0.811146	-1.23282	2.02441	1.54227	0.510938
cg27365103	SIRPB1;SIRPB1;SIRPB1	0.16684	0.0120154	0.0829098	-12.0613	0.67847	0.717967	-1.39282	0.12618	0.268448	-3.72511	0.164997	0.308138	-3.2453	0.0778432	0.210667	-4.74683	0.715385	0.747471	-1.33784	0.205934	0.346298	-2.88768	0.119523	0.261163	-3.82903	0.199519	0.340509	-2.93678	2.0244	20.2537	8.89317
cg21543859	RUNX2;RUNX2;RUNX2	0.166842	0.0369356	0.8395	8.9395	0.577272	1.66362	1.66362	0.0694215	6.27128	6.27128	0.757116	1.3237	1.3237	0.0341323	9.50323	9.50323	0.894787	0.887268	-1.12705	0.78647	0.780245	-1.2782	0.77981	5.87314	5.87314	0.111409	1.39923	1.39923	2.02439	26.1992	11.5038
cg19322477	LBR;LBR	0.166843	0.857438	0.927344	-1.08255	0.166177	0.91804	1.91804	0.0700524	2.44355	2.44355	0.570554	1.49304	1.49304	0.174976	1.88093	1.88858	0.0785509	2.3677	2.36771	0.112195	0.4663	-2.14454	0.41127	0.690304	-1.44864	0.89656	0.944238	-1.05906	2.02439	6.23889	2.73944
cg06376715	TP73;TP73;TP73;TP73	0.166844	0.331682	1.52149	1.52149	0.544617	1.29299	1.29299	0.609368	1.24106	1.24106	0.845785	0.92164	-1.08502	0.375022	1.46455	1.46455	0.0911332	2.181	2.181	0.0312663	3.61856	3.61856	0.0334282	2.83341	2.83341	0.447007	1.38374	1.38374	2.02438	5.63022	2.47219
cg01727854	CMIP;CMIP	0.166845	0.281763	0.73693	-1.35698	0.8323231	0.9943353	-1.0596	0.110425	1.60753	1.60753	0.0147164	0.4407221	-2.26901	0.608999	0.896667	-1.11524	0.560074	0.853596	-1.17151	0.259027	0.38711	1.38731	1.38731	0.662154	1.12748	1.12748	0.767984	1.08408	1.08408	2.02437	2.38766	1.0484
cg22443581	DLEU1;DLEU2	0.166847	7	7	0.0237444	2.76796	2.76796	0.0364049	2.288141	-3.47052	0.974082	1.24355	0.2445355	2.0705654	0.0731482	1.88858	1.88858	7	7	7	0.503162	1.41568	1.41568	0.94414	0.964786	-1.03651	0.636553	1.25572	1.25572	0.207767	5.7416	3.68463	1
cg23361195	ASH2L;SAH2L	0.166853	0.165144	0.633681	-1.57808	0.0722511	1.85551	1.85551	0.344303	0.740698	-1.35008	0.0560233	0.51328	-1.94826	0.174193	0.640557	-1.56114	0.284618	0.710002	-1.40845	0.195602	0.655901	-1.52462	0.185739	0.649381	-1.54088	0.882808	0.955566	-1.0465	2.02432	3.04407	1.33666
cg07581238	DPYSL2	0.166858	0.461671	1.20361	1.57307	0.0976207	0.215691	2.09351	0.0139051	1.520635	1.520635	0.0139051	0.323635	-1.0899	0.884978	1.108337	1.108337	0.281939	0.506534	-1.97534	0.0204134	0.206007	0.205087	0.515196	-1.94101	0.445061	0.624599	-1.60203	0.843807	0.829337	-1.20597	1.47756	1.47756	0.5245	1.71777	0.54335	1
cg18337324	PARM1;PARM1	0.166863	0.918086	0.983607	-1.01667	0.155192	1.27685	1.27685	0.049943	1.4239	1.4239	0.658057	1.07419	1.07419	0.209455	0.808531	-1.23681	0.808588	1.03976	1.03976	0.0461688	0.732316	0.732316	-1.36542	0.0186406	0.950241	-1.05126	0.380695	0.865483	-1.15542	2.02427	0.825788	0.363408	1
cg08353368	C7orf36	0.166865	0.844221	1.10941	1.10941	0.434875	0.566364	1.54432	0.0398482	1.55355	1.55355	0.0398482	0.353918	1.5308	0.0255858	1.454695	1.454695	0.0884804	1.257015	1.58539	0.0398482	1.58539	1.58539	0.0398482	1.58539	1.58539	0.0398482	1.58539	1.58539	2.02427	0.824778	0.385963	1
cg16100135	MYC	0.166868	0.0519427	0.749445	-1.33432	0.80199	0.967759	-1.03332	0.859516	1.02338	1.02338	0.1689	1.21068	1.21068	0.144745	1.22665	1.22665	0.730853	1.04607	1.04607	0.302793	0.870037	-1.14938	0.130606	0.808217	-1.23729	0.193266	1.19669	1.19669	2.02424	0.545357	0.239479	1
cg09240436	USP29	0.166872	0.308926	1.54457	1.54457	0.158708	1.8626	1.8626	0.105876	2.07342	2.07342	0.77324	1.12723	1.12723	0.434516	1.38986	1.38986	0.0750421	0.441107	-2.26702	0.0611049	2.39003	2.39003	0.161262	1.8546	1.8546	0.768297	0.885178	-1.12972	2.02421	5.46432	2.39954	1
cg06784260	CPS1	0.166873	0.310557	0.733502	-1.36355	0.0756792	0.876929	-1.1402	0.678021	0.82997	-1.20507	0.387021	0.82997	1.20507	0.205578	1.35862	1.35862	0.0916266	0.459476	-2.17639	0.0605102	0.459476	-2.17639	0.0605102	0.8837243	-1.12709	0.5636099	1.14334	1.14334	2.0242	1.68848	0.741461	1
cg25693132	GRM2;GRM2	0.166876	0.327115	0.852759	-1.17266	0.623587	0.925075	-1.08099	0.376711	0.866909	-1.15352	0.090935	1.45661	1.45661	0.443079	0.884152	-1.13103	0.0453075	1.43553	1.43553	0.234952	1.21653	1.21653	0.33586	1.16911	1.16911	0.873875	1.02533	1.02533	2.02419	0.794708	0.348083	1
cg15264052	BCNP1;GLI3;IN7C	0.166878	0.786877	1.1884	1.1884	0.937698	1.07268	1.02268	0.453754	1.2896211	-1.11581	0.310154	0.7949867	-1.27394	0.0662927	1.13766	1.13766	0.153707	1.018759	-1.0908	0.5104561	1.0972911	1.13442	0.8196227	0.94374	-1.03227	0.183259	1.21695	1.21695	2.02418	0.619874	0.272085	1
cg11454325	GPR123	0.16688	0.480306	1.36143	1.36143	0.15384	1.92817	1.92817	0.386469	0.682654	-1.44687	0.625073	1.23589	1.23589	0.205874	1.77508	1.77508	0.228939	1.72106	1.72106	0.0182002	0.291443	-3.4312	0.732965	1.15867	1.15867	0.946007	0.971295	-1.02955	2.02416	0.592829	2.60334	1
cg12423658	CAIS2	0.166884	0.759226	0.93076	-1.07439	0.19133	1.38112	1.38112	0.459449	0.838784	-1.1922	0.310626	0.666471	-1.50044	0.575314	0.876241	-1.14124	0.0580295	0.60648	-1.64886	0.0710929	1.60094	1.60094	0.601648	1.13081	1.13081	0.354414	0.800619	-1.24903	2.02414	1.74643	0.766934	1
cg05445067	ZFR	0.166892	0.0579967	0.765035	-1.30705	0.0765778	0.2636	-3.79355	0.0196807	0.5733955	1.74472163	-1.81312	0.4827331	1.74472163	0.0844241	0.5438558	-1.83858	0.3057584	0.599592	-1.66758	0.0426208	0.4689108	-2.13175	0.442376	0.6853164	-1.45913	0.0924603	0.409328	0.6834401	2.02414	0.749857	0.227585	1
cg07488141	TNS3	0.166888	0.114247	0.307737	-3.31415	0.0966478	0.280262	-3.56809	0.265705	0.445342	-2.24546	0.25715	0.438317	-2.28145	0.0131571	0.117666	-8.53491	0.51073	0.62796	-1.59246	0.188888	0.378773	-2.64011	0.818984	1.17336	1.17336	0.0963282	0.279855	-3.57329	2.02412	15.5937	6.84796	1
cg27478603	ENPP7	0.166894	0.318744	0.739943	0.857577	0.0758458	0.2483	-4.02858	0.0228882	0.6314177	-1.5282	0.4618414	0.8197	-1.21977	0.0646398	0.8589207	-1.16381	0.731644	0.7126	-1.40326	0.0788023	0.8478631	-1.17976	0.615496	0.8432144	-1.18592	0.502711	0.8478631	-1.17976	0.6898044	-1.45129	0.6424	0.8478	3.885363	1
cg02770983	PAX6;PAX6;PAX6	0.166888	0.682439	1.31556	1.31556	0.0134114	1.70187	1.70187	0.0298557	5.49576	5.49576	0.918619	0.934131	-1.07051	0.586526	1.44215	1.44215	0.324055	1.97195	1.97195	0.154193	2.76475	2.76475	0.323768	1.9728	1.9728	0.869252	1.805981	1.1161	2.02411	14.2496	6.2577	1
cg18603110	PCDHGC7;PKHCZ	0.166892	0.335703	1.63625	1.63625	0.246298	1.82469	1.82469	0.459252	1.41218	1.41218	0.495264	1.40869	1.40869	0.0114834	0.208354	-4.79953	0.925342	0.954574	-1.04759	0.223375	1.88622	1.88622	0.553412	0.742763	-1.34632	0.78826	1.14285	1.14285	2.02409	7.88733	3.46375	1
cg22131993	MAST2;MATN2	0.166892	0.607065	1.19755	1.19755	0.0748575	1.38255	1.38255	0.0332823	1.54165	1.54165	0.262686	1.22453	1.22453	0.398805	1.16164	1.16164	0.0749241	0.726873	-1.37566	0.0954153	0.886406	0.859554	-1.16402	0.0964426	0.821832	0.0794526	0.886406	0.859554	-1.16402	0.0964426	0.821832	1
cg05067125	S100Z	0.166892	0.805776	0.865547	-1.15534	0.534719	0.691762	-1.44558	0.177434	0.431647	-2.31671	0.731081	0.718464	1.18464	0.486231	0.660542	-1.51391	0.803581	1.15727	1.15727	0.00548115	0.117584	-8.50456	0.153556	0.408356	-2.44885	0.551269	0.702337	-1.42382	2.02409	11.0131	4.83646	1
cg00876397	NPPSA	0.166893	0.143164	0.45	-2.22495	0.0288648	0.0934656	-10.6991	0.0778307	0.166092	-5.98939	0.880164	0.7959903	-1.25629	0.0668341	0.150827	-6.62819	0.141468	0.219234	-4.5625	0.0635866	0.145875	-6.85518	0.173121	0.262399	-3.81099	0.427944	0.176597	-5.66191	2.02406	27.1634	11.2401	1
cg23782952	CBS	0.166902	0.924002	0.951889	-1.05054	0.831032	0.371018	-2.69529	0.586616	0.752976	-1.32806	0.728407	0.83515	-1.19739	0.0139997	0.208414	-4.79813	0.117466	0.415339	-2.40767	0.60314	1.31134	1.31134	0.315905	1.7089	1.7089	0.629352	0.777778	-1.28571	2.02403	8.56045	3.75948	1
cg26008916	PFAS;C7orf68	0.166903	0.0389697	0.623525	-1.60378	0.735287	1.06937	1.06937	0.737995	0.935798	-1.06861	0.183075	0.75637	-1.3221	0.218774	1.29131	1.29131	0.0612272	0.65909	-1.51724	0.6903113	0.923894	-1.08238	0.203394	1.30391	1.30391	0.8303158	1.04332	1.04332	2.02403	1.25234	0.549986	1
cg04485075	KLHL17;NOC2L	0.166904	0.143194	0.45	-2.22495	0.0288648	0.0934656	-10.6991	0.0778307	0.166092	-5.98939	0.880164	0.7959903	-1.25629	0.0668341	0.150827	-6.62819	0.139368	0.219234	-4.5625	0.0635866	0.145875	-6.85518	0.173121	0.262399	-3.81099	0.427944	0.176597	-5.66191	2.02403	27.1634	11.2401	1
cg13530938	LOC151174;LOC643387;LOC151174	0.166906	0.069869	82.2195	82.2195	0.102454	48.78	48.78	0.253816	13.3597	13.3597	0.596124	26.2872	26.2872	0.0606871	88.6588	88.6588	0.102139	48.9871	48.9871	0.0273447	292.676	292.676	0.252834	13.438	13.438	0.141426	31.1825	31.1825	2024	151.684	66.6158	1
cg13393195	TPCN1;TPCN1;IQCD	0.166908	0.194362	0.485	-2.06185	0.0172624	1.637	1.637	0.387558	1.163257	-1.16237	0.387558	1.163257	-1.16237	0.387558	1.163257	-1.16237	0.8999342	-1.11118	0.8999342	-1.11118	0.8999342	-1.11118	0.8999342	-1.11118	0.8999342	-1.11118	0.8999342	-1.11118	0.8999342	-1.11118	1.34478	1.34478	1
cg25788828	Q	0.166911	0.263246	0.344139	-2.9058	0.0162052	1.0683156	-14.6379	0.0188852	0.0746541	-13.3951	0.322343	0.393416	-2.54184	0.231674	0.318307	3.14162	0.239637	0.325101	-3.07597	0.276704	0.356146	-2.80784	0.409805	0.463385	-2.15803	0.845014	0.836445	-1.19554	2.02398	26.6924	11.7228	1
cg00169633	MAN2A2	0.166911	0.15621	2.74194	2.74194	0.345988	5.14687	5.14687	0.421378	1.72665	1.72665	0.185311	2.54478	2.54478	0.0481672	3.49451	3.49451	0.269295	2.14899	2.14899	0.028794	5.55421	5.55421	0.094205	3.40175	3.40175	0.161215	2.70469	2.70469	2.02398	14.1741	6.22498	1
cg26126740	TOX2;TOX2;TOX2;TOX2	0.166912	0.0893905	0.681914	-1.46646	0.885098	0.970875	-1.03	0.211663	0.764174	-1.3086	0.582404	0.892589	-1.10334	0.0475819	0.629288	-1.5891	0.0987593	1.44778	1.44778	0.0843582	0.676866	-1.4774	0.919805	0.979625	-1.0208	0.455465	0.856085	-1.16811	2.02397	1.33941	0.588241	1
cg02384543	ZNF837;ZNF837	0.166917	0.232077	1.75256	1.75256	0.0145746	2.26336	2.26336	0.194607	0.53293	-1.89419	0.413788	0.47544	-2.10376	0.164502	2.12325	2.12325	0.786197	1.13494	1.13494	0.0752509	2.15462	2.15462	0.0158439	1.0378	1.0378	0.0275509	2.15462	2.15462	0.094757	2.02397	2.02397	0.205129	1
cg18455240	CEP135	0.166918	0.0515984	0.338338	-2.95562	0.0309295	0.289568	-3.45342	0.0279165	0.280641	-3.56327	0.398807	0.655419	-1.52574	0.151598	0.471659	-2.12018	0.292585	0.586199	-1.7059	0.203882	0.518963	-1.92692	0.195867	0.512195	-1.95238	0.251076	0.556228	-1.79782	2.02394	7.66942	3.36832	1
cg17987827	MYT1	0.166918	0.375854	1.30597	1.30597	0.402171	1.16018	1.50318	0.176828	1.52452	1.52452	0.39942	1.28838	1.28838	0.0427085	1.98425	1.98425	0.639874	1.14845	1.14845	0.059303	1.86892	1.86892	0.2569	1.41561	1.41561	0.77095	0.917828	-1.08953	2.02392	2.96348	1.24547	1
cg05576125	ARFGAP1;ARFGAP1	0.166919	0.978415	1.00431	1.00431	0.480295	0.892112	-1.14394	0.0512112	1.34304	1.34304	0.787249	1.04698	1.04698	0.0604113	1.40064	1.40064	0.746665	0.949734	-1.00293	0.2615424	1.20274	1.20274	0.164566	1.36826	1.36826	0.0990531	0.940963	1.3334	1.3334	0.402393	0.811527	0.356414	1
cg08330183	CYP19	0.166921	0.154991	0.594829	-1.68115	0.924871	0.968448	-1.03258	0.219762	1.55056	1.55056	0.160784	0.600976	-1.66396	0.0110975	0.338785	-2.95173	0.975922	0.989794	-1.01031	0.307215	0.698171	-1.43231	0.892342	0.955015	-1.0471	0.965856	1.01466	1.01466	2.02392	3.70349	1.62654	1
cg26638906	MAGOHB	0.166924	0.181458	0.813272	1.23096	0.629729	0.767464	1.30349	0.0760259	0.7762	1.28833	0.167569	0.7762	1.28833	0.167569	0.7762	1.28833	0.176982	0.784552	1.27452	0.0948	0.794182	1.25909	0.0948	0.794182	1.25909	0.0948	0.794182	1.25909	2.02392	0.206845	0.209871	1
cg04295144	ICAM5	0.166924	0.324286	0.362141	-2.76136	0.1397559	0.881372	0.8413029	0.0413029	10.4706	10.4706	0.30688	2.87339	2.87339	0.220097	0.276227	-3.62021	0.223811	0.279376	-3.57941	0.450161	0.466039	-2.15499	0.494706	0.500635	-1.99746	0.365406	0.395367	-2.5293	0.0239	3.91937	14.0164	1
cg04926925	SPI8	0.166925	0.187798	1.20838	1.20838	0.136875	1.24272	1.24272	0.796721	1.03681	1.03681	0.256314	1.17431	1.17431	0.0431788	1.11996	1.11996	0.201877	1.12051	1.12051	0.0116376	1.790136	1.790136	0.0269693	1.758824	1.758824	0.0115765	1.758205	1.758824	0.0483183	0.889449	0.258885	1
cg22785136	ROS1	0.166926	0.0570779	0.156394	-6.39409	0.1448	0.259318	-3.85627	0.442759	0.50943	-1.96298	0.220142	0.329203	-3.03764	0.0233309	0.096734	-10.3375	0.315395	0.408747	-2.4465	0.0456233	0.138726	-7.20846	0.345664	0.432998	-2.30948	0.0983968	0.209696	-4.7688	0.23289	23.8079	10.4564	1
cg23010629	ISG20	0.166934	0.247199	1.56447	1.56447	0.402137	1.37323	1.37323	0.586164	0.816008	-1.22548	0.955675	1.02077	1.02077	0.588326	1.22401	1.22401	0.205287	1.63935	1.63935	0.0196424	2.83666	2.83666	0.0222296	2.75591	2.75591	0.879562	1.05769	1.05769	0.02884	4.38542	1.92612	1
cg19407435	C8orf45;C8orf45;C8orf45	0.166937	0.6162624	1.72063	-1.38707	0.796857	0.2625745	-3.8101	0.2228121	0.4040367	-2.47583	0.1711962	0.3119861	-3.20625	0.0127733	0.1577722	-6.34161	0.1196	0.1196	-8.36287	0.0125996	0.1196	-8.36287	0.0125996	0.376811	-2.65385	0.1196	-8.36287	0.0125996	0.376811	-2.65385	0.1196	-8.36287	0.0125996	0.408324	-2.44904	0.222383	0.472	0.591799	1
cg10654526	LOH12CR1;LOH12CR1;LOH12CR2	0.166937	0.103772	0.55149	1.55149	0.160379	0.690549	-1.44812	0.995281	0.998541	-1.00146	0.571114	0.868209	-1.1518	0.302676	0.768272	-1.30162	0.33159	0.78089	-1.28059	0.841323	1.05074	1.05074	0.0400401	1.79659	1.79659	0.183783	1.41646	1.41646	0.23282	1.95386	0.858161	1
cg26288570	NUP91;NUP91	0.166942	0.127137	0.2903	-3.44533	0.0551016	0.2636	-3.79355	0.0196807	0.5733955	1.74472163	-1.81312	0.4827331	1.74472163	0.0844241	0.5438558	-1.83858	0.3125158	0.599592	-1.66758	0.0426208	0.4689108	-2.13175	0.442376	0.6853164	-1.45913	0.0924603	0.409328	0.6834401	2.02391	0.749857	0.227585	1
cg25269000	C4orf23	0.166942	0.579265	0.84217	-1.18741	0.948863	1.01987	1.01987	0.619035	0.8575	-1.16618	0.518126	0.831415	-1.20277	0.210039	0.668883	-1.49951	0.683481	0.881858	-1.13397	0.0395182	2.07572	2.07572	0.0357713	2.11553	2.11553	0.272889	1.41905	1.41905	0.23979	3.015	1.32425	1
cg12722217	FBMD5	0.166943	0.474092	0.836602	-1.19531	0.615102	0.883169	-1.13229	0.685179	1.10504	1.10504	0.308349	1.29484	1.29484	0.733309	0.919604	-1.08742	0.208215	0.722417	-1.38424	0.0119615	0.463732	-2.15642	0.32006	0.661487	-1.51174	0.175131	0.702315	-1.42386	2.02379	1.92486	0.845436	1
cg26378073	CAUH41	0.166945	0.665759	0.814129	1.22859	0.703893	0.830507	-1.20457	0.552129	1.04005	1.04005	0.938839	0.838422	1.19263	0.0894	1.38585	1.38585	0.438824	0.702473	-1.42339	0.0204727	0.588455	0.588455	0.702473	-1.42339	0.0204727	0.588455	0.702473	-1.42339	0.0204727	0.588455	0.702473	-1.42339	0.0204727	0.588455	0.702473	-1.42339	0.0204727	0.588455	0.702473	-1.42339	0.0204727	0.588455	0.702473	-1.42339	0.0204727	0.588455	0.702473	-1.42339	0.0204727	0.588455	0.702473	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	F(Error
ACS2	ACS2	0.167134	0.1935581	-2.54077	0.552213	0.671222	-1.48882	0.736344	0.799302	-1.25109	0.152388	0.367941	-2.77183	0.139715	0.348723	-2.8676	0.190239	0.398679	-2.50828	0.343009	0.523305	-3.01093	0.651144	0.739521	-1.55223	0.027277	5.65014	0.62265	14.0772	6.18647	1
QS3772226	DNM3;DNM3	0.167134	0.0526733	0.571854	-1.7487	0.436783	1.222496	0.722296	0.700544	0.906607	-1.10301	0.245186	0.73461	-1.36127	0.178975	0.481727	-2.07586	0.0991665	0.632151	-1.5819	0.76153	1.08028	1.08028	0.532674	0.851855	-1.17391	0.757438	0.924409	-1.08177	0.222265	2.06214	0.906245	1
QS1825786	GPR123	0.167136	0.592593	1.223835	1.223835	0.301155	1.52809	1.52809	0.686093	0.851448	-1.17447	0.008688619	0.266157	-3.75718	0.277651	1.56331	1.56331	0.684192	0.850563	-1.17569	0.4983	1.31271	1.31271	0.657534	0.838123	-1.19314	0.408142	0.715432	-1.39776	0.222653	5.01822	2.20536	1
QS1948210	GTF2A1;GTF2A1	0.167137	0.3035483	1.38297	1.38297	0.214576	1.490787	1.490787	0.611333	0.19055	1.93605	0.536109	0.826754	-1.21104	0.221971	0.675753	-1.48036	0.3191547	1.369777	1.369777	0.8180802	0.415367	-2.4046	0.946238	0.979624	-1.02082	0.344334	1.346674	1.346674	0.22663	2.99193	1.314871	1
QS6375949	MSX1	0.167141	0.0116661	0.244697	-4.08668	0.388998	0.67316	-1.48333	0.54906	0.76279	-1.31098	0.402041	0.681784	-1.46674	0.274171	1.66744	1.66744	0.625841	0.802948	-1.24541	0.709521	0.419904	-2.3815	0.67304	0.827323	-1.20872	0.156325	0.50801	-1.96847	0.22261	6.38978	2.80816	1
QS5597876	STRA6;STRA6;STRA6;STRA6;STRA6	0.167143	0.140387	0.520837	-1.91999	0.2217764	0.322222	-3.10345	0.201051	0.573865	-1.74257	0.08660007	0.459104	-2.17816	0.0647915	0.426137	-2.34666	0.482241	0.745471	-1.34143	0.0735401	0.440196	-2.27171	0.157359	0.530929	-1.86244	0.66547	0.836181	-1.19591	0.22559	5.41837	2.38126	1
QS2687300	NR0;LNR0;1	0.167144	0.901989	1.04147	1.04147	0.668768	0.510798	-1.95772	0.370405	0.73834	-1.35439	0.0232596	2.44607	2.44607	0.250753	0.673149	-1.48556	0.7945008	0.917515	-1.0899	0.727106	1.12249	1.12249	0.357838	1.36596	1.36596	0.4629	0.781581	-1.27946	0.22559	3.48421	1.53125	1
QS2123594	HOOX3	0.167151	0.518903	0.902791	-1.10783	0.0166218	0.993223	-1.00763	0.970555	1.3717	1.3717	0.371547	0.866335	-1.15426	0.95331	1.0092	1.0092	0.294709	0.843704	-1.18525	0.621813	1.08086	1.08086	0.453497	0.882507	-1.13314	0.459835	0.888974	-1.12489	0.22255	0.78342	0.344005	1
QS4902490	EIF4G3	0.167158	0.387526	0.2071618	-2.80894	0.149916	1.39453	1.39453	0.2162608	0.32516	-3.12156	0.324431	0.804117	-2.2436	0.584151	1.712571	1.712571	0.125293	0.703861	-1.42082	0.202882	0.898696	-1.11272	0.0278413	0.527987	-1.74524	0.723681	0.926772	-1.07901	0.2225	1.47014	0.646128	1
QS0777790	ACTA1	0.167159	0.463157	2.29715	2.29715	0.2624929	10.3275	10.3275	0.103371	7.27102	7.27102	0.240853	3.92524	3.92524	0.463765	2.29446	2.29446	0.736247	1.45716	1.45716	0.810078	0.764806	-1.30752	0.0136622	29.8685	29.8685	0.108355	7.03367	7.03367	2.0225	39.7281	17.4605	1
QS4876956	BTBD12	0.167161	0.721475	1.39049	1.39049	0.5126	1.019402	1.019402	0.967387	0.981832	-1.01852	0.877947	1.137796	1.137796	0.243809	1.467027	1.467027	0.885571	1.13189	1.13189	0.486312	1.45703	1.45703	0.693972	1.08562	1.08562	0.429125	1.122222	1.122222	0.20246	0.683692	0.287303	1
QS4619626	PAR1	0.167165	0.431651	0.714858	-1.39888	0.187464	0.557535	-1.79361	0.587681	1.25727	1.25727	0.696831	1.17791	1.17791	0.482349	0.741846	-1.34799	0.530158	0.766474	-1.30468	0.0186249	0.503287	-3.29721	0.183528	1.8042	1.8042	0.102588	0.473785	-2.11066	0.22246	5.60216	2.46219	1
QS2679326	TSN34;TSN34;TSEN34	0.167167	0.174986	0.905023	-1.10495	0.527121	0.956419	-1.04533	0.807921	0.983529	-1.01699	0.969298	1.065871	1.065871	0.69634	1.031952	1.031952	0.926398	1.20049	1.20049	0.998808	0.942002	-1.06157	0.0980605	1.13377	1.13377	0.12769	1.091556	1.091556	0.22245	0.5133802	0.0679779	1
QS1504877	OPCML	0.167167	0.161983	0.3709444	-2.69583	0.13449	0.342854	-2.91669	0.188282	0.39618	-2.52411	0.400452	0.564631	-1.77113	0.0109046	0.119738	8.35154	0.1642698	0.373237	-2.67926	0.112045	0.316887	-3.1557	0.108054	0.312082	-3.20428	0.252067	0.451749	-2.21362	0.22245	14.1286	6.209691	1
QS1445987	DNMT1;DNMT1	0.167168	0.419895	0.908019	-1.1013	0.158678	1.19292	1.19292	0.523382	0.93742	-1.07826	0.456692	0.915073	-1.09281	0.392954	0.9026111	-1.1079	0.716084	1.04369	1.04369	0.0478277	1.30333	1.30333	0.968748	0.992344	-1.00771	0.0344514	1.33481	1.33481	0.22245	0.4391606	0.192992	1
QS7811110	SLC6A15;SLC6A15;SLC6A15	0.167174	0.232874	1.5231	-1.89286	0.1035477	0.769684	-1.29924	0.721465	0.831035	-1.20033	0.94826	0.910343	-1.06355	0.0384351	0.935998	-2.97631	0.629542	0.780416	-1.28137	0.0990856	0.184316	-5.42546	0.470083	1.45362	1.45362	0.351473	0.613163	-1.63089	0.22243	8.13406	3.66294	1
QS0756852	GBAP1	0.167173	0.373337	0.825178	-1.21186	0.103611	0.145391	1.45391	0.105262	1.45086	1.45086	0.641132	0.96601	-1.10374	0.158502	0.728369	-1.37293	0.0747201	0.658752	-1.51802	0.177667	0.739925	-1.35149	0.782195	0.943394	-1.06	0.751262	1.06915	1.06915	0.22242	1.4161	0.622403	1
QS1432807	FOCL	0.167175	0.605453	0.854315	-1.17053	0.995207	0.999223	-1.00178	0.747362	0.907152	-1.1024	0.869634	1.050582	1.050582	0.0248944	0.436842	-2.28916	0.832486	0.938071	-1.06602	0.0432344	0.485979	-2.05773	0.147065	0.623317	1.623317	0.547805	1.20186	1.20186	1.21958	2.992442	1.09806	1
QS3130939	CUX1;CUX1;CUX1	0.167176	0.330954	1.587219	-1.70294	0.0391547	0.323088	-3.09513	0.443769	0.660758	-1.51341	0.498328	0.69433	-1.44024	0.176828	0.467834	-2.14232	0.580414	0.743557	-1.34489	0.0292042	0.25572	-3.91053	0.0381576	0.272586	-3.65515	0.0076946	0.307909	-3.25038	0.22238	9.02096	3.994905	1
QS1908207	GFRA3	0.167179	0.704828	0.83806	-1.19323	0.300927	1.6447	1.6447	0.923917	0.956627	-1.04534	0.874354	0.929174	-1.07622	0.090894	0.421235	-2.37397	0.478203	1.397573	1.39753	0.0142911	0.245991	-4.0652	0.343188	1.5735	1.5735	0.410999	0.676886	-1.47735	0.22238	6.902	3.03361	1
QS2536480	PWP2;PWP2B	0.167184	0.673635	1.36999	1.36999	0.2396997	2.193594	2.193594	0.194915	1.34915	1.34915	0.520858	0.656341	-1.52495	0.0543322	0.597319	-1.66741	0.845037	1.15653	1.15653	0.417855	2.4322	2.4322	0.489546	1.19542	1.19542	0.885621	0.898556	1.4129	0.22235	17.6894	7.77507	1
QS2523910	FBMPD2;FBMPD2;FBMPD2L1;FBMPD2; FBMPD2;FBMPD2;FBMPD2L1;FBMPD2;	0.167185	0.970698	0.989995	-1.01011	0.238596	0.713274	-1.40199	0.54916	0.847115	-1.18048	0.339925	0.76396	-1.30897	0.0936237	0.603657	-1.65657	0.679988	0.892668	-1.12024	0.0159924	2.24198	2.24198	0.240248	0.800598	-1.24907	0.854194	1.05165	1.05165	0.22234	2.40019	1.05496	1
QS2532312	CMPK1;CMPK1	0.167186	0.933673	1.0085	1.0085	0.0128038	1.36942	1.36942	0.0524627	1.25136	1.25136	0.244114	1.13192	1.13192	0.983254	0.997868	-1.00214	0.2364002	1.13446	1.13446	0.503142	0.933239	-1.07154	0.985398	1.00186	1.00186	0.274006	1.12271	1.12271	0.22233	0.3311168	0.14556	1
QS0003671	OBSL1;NHA	0.167188	0.170254	0.702802	-1.42288	0.691609	0.100516	1.10106	0.35793	1.25644	1.25644	0.581287	0.87415	-1.14397	0.0675505	0.609852	-1.63974	0.233663	0.739706	-1.35189	0.145699	0.685784	-1.45819	0.0208681	0.51099	-1.95698	0.507097	0.850004	-1.17647	0.22232	1.86749	0.820836	1
QS7522935	PRKJPR4	0.167188	0.0434572	0.5231	-1.91208	0.0822608	0.980357	-1.02045	0.882359	0.370314	-2.70041	0.0294779	0.564322	-1.77204	0.0491248	0.525532	-1.90274	0.0296438	0.586481	1.70504	0.0497336	0.514054	-1.94453	0.0546003	1.84951	0.366002	0.636917	1.570606	0.232	7.97636	3.3301	1
QS2647779	CCDC40;TBC1D16	0.167189	0.676091	0.808275	-1.2372	0.648823	0.792742	-1.26145	0.289138	0.572699	-1.74612	0.717143	1.20238	1.20238	0.746306	1.17873	1.17873	0.86387	1.09082	1.09082	0.00412533	0.14246	-7.01949	0.454722	0.67995	-1.4707	0.540394	0.730539	-1.36885	0.22232	8.21923	3.61268	1
QS6270102	CD164;CD164;CD164;CD164;CD164	0.167189	0.523531	1.28429	-1.18479	0.0732537	0.689783	-1.44973	0.351985	1.28196	1.28196	0.0528155	0.666542	-1.50028	0.0997056	0.731857	-1.36675	0.80656	1.04625	1.04625	0.314142	0.8284252	-1.21238	0.0264208	0.76734	-1.30318	0.0880108	0.823746	-1.21431	0.22231	1.08791	0.478179	1
QS2489767	CASKIN2;CASKIN2	0.167192	0.0657244	2.86512	2.86518	0.630817	0.781287	-1.27994	0.841677	0.903081	-1.10732	0.235011	1.88596	1.88596	0.433587	1.50275	1.50275	0.804905	1.13445	1.13445	0.0755101	2.71882	2.71882	0.021634	0.47837	0.47837	0.12492	2.331186	2.331186	0.2223	3.32145	3.65764	1
QS1375638	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.167198	0.239629	0.782403	-1.27811	0.397787	0.842031	-1.1876	0.290938	1.2437	1.2437	0.159277	1.35083	1.35083	0.267326	0.794455	-1.25873	0.414163	0.84727	-1.18026	0.868485	1.03334	1.03334	0.0561242	1.54732	1.54732	0.0949991	1.44544	1.44544	2.11943	1.28664	0.472164	1
QS6638201	RNASEH2C	0.167198	0.0309259	0.60742	-1.64631	0.376857	0.836592	-1.19533	0.659318	1.09121	1.09121	0.395669	0.842696	-1.18667	0.151444	0.714114	-1.40034	0.330458	0.820712	-1.21845	0.239131	0.588481	-1.69928	0.112121	0.71151	-1.40546	0.325869	0.819069	-1.2209	0.22226	1.23985	0.544979	1
QS1051165	MECOM	0.167202	0.1858196	1.65194	1.65194	0.0225854	0.742563	-1.1822	0.938956	0.81912	0.81912	0.384691	0.709705	-1.40894	0.0353197	0.598403	-1.67128	0.1858196	1.65194	1.65194	0.0225854	0.742563	-1.25259	0.315798	0.668319	-1.49658	0.196111	0.804157	-1.24354	0.22226	0.6796	0.289507	1
QS1804802	SH3TC2	0.167204	0.196215	1.82398	1.82398	0.227401	0.74593	1.74593	0.797649	1.11962	1.11962	0.262344	1.67194	1.67194	0.0941196	2.24666	2.24666	0.0740354	2.40026	2.40026	0.0116311	4.00302	4.00302	0.556082	1.29933	1.29933	0.136334	2.025	2.02555	0.22223	0.2445	0.722888	1
QS7523904	FAM73B	0.167211	0.752035	0.928644	-1.07684	0.180665	1.1935	1.1935	0.206093	1.36546	1.36546	0.0234863	0.515519	-1.8814	0.164582	0.707294	-1.41384	0.361573	1.24488	1.24488	0.45391	0.19285	0.19285	0.89419	0.969199	-1.03157	0.466553	0.8411	-1.18892	0.22219	1.74696	0.767911	1
QS1391071	PRKJPR4;NDUFV1	0.167212	0.0834572	0.5231	-1.91208	0.0822608	0.980357	-1.02045	0.882359	0.370314	-2.70041	0.0294779	0.564322	-1.77204	0.0491248	0.525532	-1.90274	0.0296438	0.586481	1.70504	0.0497336	0.514054	-1.94453	0.0546003	1.84951	0.366002	0.636917	1.570606	0.2317	7.97636	3.3301	1
QS2201387	ENTPD5;C14orf45	0.167216	0.988648	0.995784	-1.00421	0.185038	0.51802	-1.51802	0.315941	1.36056	1.36056	0.667346	0.879504	-1.137	0.955538	1.01669	1.01669	0.409589	1.28458	1.28458	0.0146207	0.4095	-2.442	0.426922	1.27237	1.27237	0.184216	1.51935	1.51935	0.22216	2.82412	1.24141	1
QS7680652	APBA2;APBA2	0.167218	0.0435582	0.582642	-1.71648	0.0473372	0.747254	-1.34765	0.833855	0.905415	-1.10447	0.624383	0.75479	-1.32495	0.0313662	0.553483	-1.80724	0.0906016	0.642296	1.55672	0.0212148	0.320204	-3.12293	0.0313651	0.32004	-3.12498	0.0212148	0.464561	-2.15269	0.22217	2.39023	1.441167	1
QS1349146	GAUNT9	0.167221	0.159615	2.93742	2.93742	0.2272557	0.51016	6.51016	0.82197	1.17538	1.17538	0.79854	0.832447	-1.20128	0.333363	0.488972	-2.04511	0.119831	0.64091	0.64091	0.263894	0.437554	-2.28543	0.222403	2.50781	2.50781	0.31567	0.47527	-2.10407	0.22213	16.4646	7.23751	1
QS6387669	2;SERPINF2	0.167222	0.403228	0.665528	-1.50257	0.163197	0.4924	-2.03087	0.229245	0.548496	-1.82317	0.757253	1.15903	1.15903	0.0280525	0.290796	-3.43883	0.119935	0.447954	-2.23237	0.0422273	0.328287	-3.04612	0.184323	0.511542	-1.95487	0.0970633	0.420256	-2.3795	0.22212	7.2568	3.18996	1
QS1810043	RNASEH2C;RCRNA00176;RCRNA00176	0.167224	0.0588127	0.284522	-3.51466	0.0455329	0.259098	-3.85955	0.202096	0.452383	-2.21052	0.4861	0.659143	-1.51712	0.694837	0.294813	-3.39198	0.0829582	0.322887	-3.09763	0.0425234	0.252698	-3.95729	0.349036	0.566787	-1.76433	0.314869	0.542216	-1.84428	0.22211	11.1083	4.88303	1
QS5283779	NCOR2;NCOR2	0.167228	0.0249472	0.5231	-1.91208	0.0822608	0.980357	-1.02045	0.882359	0.370314	-2.70041	0.0294779	0.564322	-1.77204	0.0491248	0.525532	-1.90274	0.0296438	0.586481	1.70504	0.0497336	0.514054	-1.94453	0.0546003	1.84951	0.366002	0.636917	1.570606	0.2325	7.97636	3.3301	1
QS2372505	KLC2;KLC2;KLC2;KLC2	0.167233	0.120105	0.525903	-1.90149	0.0795693	0.09935	2.09935	0.451228	1.33984	1.33984	0.0249463	2.76471	2.76471	0.676592	0.852248	-1.17337	0.958094	0.980172	-1.02023	0.509943	0.775114	-1.29013	0.823766	1.08873	1.08873	0.448516	0.744998	-1.34229	0.22206	4.65188	2.04495	1
QS1524161	UUC1	0.167235	0.381295	0.750907	-1.33204	0.0708702	1.17154	1.12754	0.662819	0.936376	1.06795	0.455745	0.759985	-1.31628	0.0512821	0.479555	-2.08537	0.497077	0.760864	1.3144	0.0150303	0.814487	0.814487	0.837967	0.909883	-1.06398	0.774943	0.920305	0.561242	-1.77944	0.22205	0.5081899	0.221301	1
QS4775019	PHOX2B	0.167237	0.509077	1.6975	1.6975	0.522546	1.668441	1.668441	0.540584	0.4809	-2.08019	0.345756	0.745267	-1.34205	0.0916424	0.206112	4.85253	0.240468	1.378829	2.63971	0.211025	2.83163	2.83163	0.0141888	10.9124	10.9124	0.0806671	1.21368	1.21368	0.22203	19.9782	8.78245	1
QS7300534	CMIP;CMIP	0.167237	0.349087	0.647276	-1.54494	0.181532	0.527286	-1.8965	0.0296419	0.3149551	-3.1751	0.820393	0.902471	-1.10807	0.0794761	0.415441	-2.40708	0.891047	1.0638	1.0638	0.0270446	0.306907	-3.25832	0.694821	1.19473	1.19473	0.642376	0.809748	-1.23495	0.22203	6.52114	2.86671	1
QS6038965	ARPC5;ISG1	0.167241	0.359326	0.757509	-1.32015	0.0725549	1.1406	1.1406	0.469075	0.8031339	-1.24491	0.152964	1.51075	1.51075	0.561732	1.65954	1.65954	1.147305	1.14898	1.14898	0.0754301	1.51075	1.51075	0.561732	1.65954	1.65954	1.14898	0.0754301	1.51089	1.51089	0.22201	0.5081899	0.221301	1
QS1502222	REPS1;REPS1	0.167243	0.464458	0.740475	-1.35049	0.796695	1.10981	1.10981	0.846176	0.924612	-1.08154	0.883226	1.06111	1.06111	0.533009	0.775057	-1.29023	0.515713	0.766464	-1.30469	0.0963221	0.478601	-2.08942	0.127646	0.514398	-1.94402	0.018523	1.6622	3.1662	2.222	5.21544	2.29276	1
QS1702744	NEC4B2	0.167246	0.415235	1.50907	1.50907	0.0591148	2.458043	2.458043	0.0274676	3.80733	3.80733	0.321439	1.6545	1.6545	0.160141	2.09095	2.09095	0.0581567	2.84269	2.84269	0.0669182	3.8009558	3.8009558	-1.23524	0.0137205	1.83799	1.83799	0.0959156	0.975141	-1.02594	0.22198	7.73604	3.40125	1
QS4447810	MAD1L1;MAD1L1;MAD1L1	0.167247	0.7193444	0.8133033	-1.12343	0.0170048	0.391154	-2.55654	0.384842	-2.74238	-3.14706	0.608604	0.846552	-1.18126	0.6349254	1.15317	1.15317	0.167137	0.621884	-1.60802	0.184731	0.144952	1.84952	0.745636	1.1107	1.1107	0.4469788	0.788846	-1.26767	0.22197	3.31144	1.45455	1
QS0368740	HSP86	0.167248	0.884865	1.09351	1.09351	0.2234644	5.31199	5.31199	0.191869	2.34524	2.34524	0.20321	2.29037	2.29037	0.792624	1.94894	1.94894	0.398947	1.7037	1.7037	0.0141344	0.47784	0.47784	0.681826	1.2896	1.2896	0.31999	1.885119	1.885119	0.22197	12.1902	5.35898	1
QS0216474	ANO7	0.167254	0.0655641	0.712107	-1.40431	0.153627	0.426857	-2.34227	0.176058	0.415585	-2.40697	0.0429477	0.647273	-1.54458	0.0296127	0.463963	-2.15596	0.0315248	0.594625	1.68165	0.0178848	0.738425	0.738425	0.0316414	0.881383	-1.01897	0.0228877	0.550401	-1.81672	0.22197753	0.565129	0.2486526	1
QS0346986	FBLN2;FBLN2;FBLN2	0.167254	0.055071	0.366695	-2.72706	0.39396	0.668486	-1.49592	0.670532	1.2182	1.2182	0.243119	0.569293	-1.75656	0.382632	0.661688	-1.51129	0.215386	0.548014	-1.82477	0.119522	0.458798	-2.17961	0.0150657	0.252106	-3.96659	0.163372	0.503514	-1.98604	0.22193	6.81252	2.99494	1
QS3525076	AIAP1;AIAP1	0.167254	0.186709	3.00649	3.00649	0.0889233	13.7106	13.7106	0.0810712	4.57743	4.57743	0.540418	1.62809	1.62809	0.88706	1.11825	1.11825	0.608658	1.50099	1.50099	0.125508	1.68391	1.68391	0.634149	1.45764	1.45764	0.140841	1.47552	1.47552	0.22193	19.8064	8.70787	1
QS5839201	CORO1A	0.167256	0.575788	1.13673	1.13673	0.178115	1.3678	1.3678	0.855549	0.960897	-1.04069	0.00916814	2.06332	2.06332	0.355664	1.68223	1.68223	0.175417	1.37082	1.37082	0.34875	2.1351	2.1351	0.468197	1.17592	1.17592	0.656263	0.906599	-1.10302	0.20192	1.53432	0.674529	1
QS4556618	IGF2R	0.167265	0.782851	0.942081	-1.06148	0.182617	1.35723	1.35723	0.636976	1.10812	1.10812	0.30416	0.794674	-1.25838	0.256116	1.29175	1.29175	0.149158	0.716007	-1.39663	0.114863	1.44813	1.44813	0.0171846	1.68609	1.68609	0.355169	1.228803	1.228803	0.22186	1.49344	0.656574	1
QS1362005	SGMS2;SGMS2;SGMS2	0.167266	0.8145321	1.09195	1.09195	0.2725545	1.46075	1.46075	0.931189	1.16893	1.16893	0.282275	0.765712	1.11835	1.11835	0.0242628	1.89406	0.8787072	1.10312	1.10312	0.497236	1.10312	1.10312	0.497236	1.10495	1.10495	0.607181	0.823157	1.21421	1.21421	0.22186	0.486221	0.19732	1
QS0328900	VCAN;VCAN;VCAN;VCAN	0.167266	0.0449972	0.75076	-1.33198	0.20608	0.18081	1.18081	0.7469	1.04118	1.04118	0.928996	0.988956	-1.01117	0.411913	1.11021	1.11021	0.956881	1.00676	1.00676	0.786466	0.96073	-1.03442	0.533973	0.924509	-1.08166	0.0241066	1.39817	1.39817	0.22186	0.497225	0.2186	1
QS1394778	PRDM16;PRDM16	0.167268	0.0154978	0.5231	-1.91208	0.0822608	0.980357	-1.02045	0.882359	0.370314	-2.70041	0.0294779	0.564322	-1.77204	0.0491248	0.525532	-1.90274	0.0296438	0.586481	1.70504	0.0497336	0.514054	-1.94453	0.0546003	1.84951	0.366002	0.636917	1.570606	0.2317	7.97636	3.3301	1
QS1289541	SLC7A14	0.167274	0.139463	0.459236	-2.17753	0.73755	0.868343	-1.15162	0.026036	0.274581	-3.64191	0.131555	0.450869	-2.21794	0.0400555	0.331154	0.19331	0.142134	0.461994	-2.16453	0.711025	1.19972	1.19972	0.326129	0.608906	-1.64229	0.846286	1.09963	1.09963	0.22181	7.66702	3.3708	1
QS1375805	BCL11B;BCL11B	0.167276	0.113213	0.633987	-1.57732	0.350887	1.28897	1.28897	0.575712	0.861449	-1.16124	0.296536	0.75115	-1.33129	0.316319	1.31507	1.31507	0.509983	1.19126	1.19126	0.0187523	2.12332	2.12332	0.805595	0.936888	-1.06736	0.404734	2.52281	1.25281	0.2218	0.23813	0.084001	1
QS1922442	TARP;TARP	0.167277	0.332148	0.6772	-1.47685	0.0964043	1.52751	1.52751	0.659	0.87659	-1.14065	0.622495	0.86519	-1.15615	0.0597375	0.574245	-1.74107	0.3314	0.6123	0.6123	0.0240613	2.44957	2.44957	0.254225	1.70465	1.70465	0.68938	0.868688	-1.15116	0.2218	3.93094	1.73825	1
QS7487572	ENPP6	0.167278	0.1113354	0.294432	-3.39637	0.458156	0.587067	-1.70338	0.981798	0.984045	-1.01621	0.380769	0.530555	-1.88482	0.028621	0.161945	6.17492	0.0923768	0.270927	3.69103	0.0400406	0.187678	-5.32827	0.0773686	0.250513	-3.99181	0.287266	0.458866	-2.17929	0.20178	15.9159	6.99755	1
QS1848199	PLXND1	0.167284	0.525573	0.910594	-1.23966	0.213003	0.715713	-1.3442	0.807092	1.13462	1.13462	0.56206	0.875826	-1.14239	0.0559925	0.504408	-2.22947	0.346577	0.72851	-1.37231	0.0618606	0.277	2.277	0.0109873	0.455138	0.78011	-1.28182	0.22176	0.94247	0.35003	1
QS1581281	PARVA	0.167

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs.N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. 537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 vs. 637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17783509	PHOX2B	0.167432	0.401036	0.488111	-2.04872	0.408816	0.49424	-2.02331	0.938426	1.06659	1.06659	0.25256	3.968914	-2.70366	0.331992	0.433834	-2.30503	0.436547	0.515676	-1.9382	0.40631	0.492214	-2.03164	0.0109358	14.3674	14.3674	0.712838	1.36254	1.36254	2.02087	22.2829	9.80125	1
cg21862353	MYT1L	0.167441	0.281309	0.633749	-1.57791	0.037952	2.6641	2.6641	0.358194	0.680546	-1.46941	0.610348	1.23286	1.23286	0.158421	1.28596	1.28596	0.0614817	2.35865	2.35865	0.092766	2.11242	2.23423	0.119133	1.04223	1.04223	0.249664	1.6324	1.6324	2.02082	5.33012	2.33574	1
cg08894319	RBM20	0.167442	0.636939	1.13052	1.13052	0.194177	0.701576	-1.42536	0.343985	0.77761	-1.28599	0.371948	0.78936	-1.26685	0.334239	0.773388	-1.29301	0.935008	0.979176	-1.02127	0.012427	2.2317	2.2317	0.92153	0.974897	-1.02575	0.338151	0.775091	-1.29017	0.202081	2.1309	0.937914	1
cg17148379	PHF11;PHF11	0.167447	0.2518	0.861662	-1.16055	0.330217	1.13153	1.13153	0.827944	1.02744	1.02744	0.700776	1.04919	1.04919	0.192605	0.842447	-1.18704	0.183954	0.839206	-1.1916	0.101611	1.24869	1.24869	0.157608	0.828713	-1.20569	0.0620662	0.770878	-1.29722	0.202078	0.495023	0.217748	1
cg03869253	ORC3L;ORC3L;RARS2	0.167449	0.240783	0.845365	-1.18292	0.135603	1.2461	1.2461	0.27547	1.16788	1.16788	0.20824	0.966255	-1.03492	0.940664	1.01024	1.01024	0.448062	0.899637	-1.11156	0.0137995	0.653175	-1.53098	0.721919	0.952293	-1.0501	0.905716	0.983922	-1.01634	0.220077	0.59886	0.263425	1
cg20493283	WFIKKN2	0.167451	0.54541	0.780635	-1.28101	0.0762976	2.22129	2.22129	0.581293	0.799154	-1.25132	0.663996	1.19349	1.19349	0.107389	0.491083	-2.03632	0.22473	1.67541	1.67541	0.615138	0.834529	-1.2277	0.121179	0.506585	-1.974	0.122215	0.197385	0.17085	0.52436	2.24136	2.30556	1
cg05337761	C1orf86;LOC100128003;C1orf86	0.167451	0.0546371	2.66828	2.66828	0.400556	1.47313	1.47313	0.877029	0.932662	-1.0722	0.50579	0.737891	-1.35521	0.778812	0.88094	-1.13515	0.0579932	0.381075	-2.62416	0.436113	0.699291	-1.43002	0.43881	1.4269	1.4269	0.0846937	2.35949	2.35949	2.02076	6.48666	2.85334	1
cg22304262	SLC1A5;SLC1A5;SLC1A5	0.167452	0.334881	0.636033	-1.57234	0.018824	3.99253	3.99253	0.0424642	2.89506	2.89506	0.86363	1.08135	1.08135	0.745639	0.859729	-1.16316	0.520502	1.14402	1.14402	0.191694	1.57403	1.57403	0.688375	1.10132	1.10132	0.873962	0.929898	-1.07545	0.202075	6.62416	2.91392	1
cg08026772	PRIM2	0.167452	0.0806578	1.22744	-1.35661	0.397776	0.515931	-1.91825	0.203154	0.558151	-2.79212	0.352397	0.481191	-2.07118	0.0188424	-11.3091	0.188092	0.344352	-2.90401	0.153099	0.307814	-3.24871	0.155673	0.31313	-3.19356	0.104868	0.258034	-3.87546	2.02075	6.18979	8.22483	1
cg27509521	DDA1	0.167457	0.553973	0.878442	-1.13838	0.811931	0.949705	-1.05296	0.221276	0.757028	-1.32096	0.108107	0.684186	-1.46159	0.0753473	1.53518	1.53518	0.271221	0.780373	-1.28144	0.294568	1.26535	1.26535	0.3698	0.819223	-1.22067	0.0638807	0.63704	-1.56976	2.02072	1.50002	0.659838	1
cg13962355	BTBC;BTBC	0.167459	0.0502069	0.640074	-1.56074	0.0674574	1.46894	1.46894	0.307001	1.22721	1.22721	0.182024	0.760127	-1.31557	0.231282	1.24394	1.24394	0.525041	0.882753	-1.1332	0.325988	1.01815	1.01815	0.966945	1.05122	1.05122	0.25207	1.19982	1.19982	2.02077	1.19982	0.527788	1
cg25422797	C3KSN2;CASKIN2	0.167459	0.949462	0.970601	-1.03029	0.0614158	0.737822	-2.69672	0.461857	0.702968	-1.42278	0.522968	1.35631	1.35631	0.0620446	0.920276	-1.08663	0.344305	1.58182	1.58182	0.377292	0.6528	-1.53186	0.202043	0.374697	0.568263	3.11193	0.203071	0.709243	3.11989	1
cg24508032	HOXC9	0.167461	0.887462	0.937151	-1.07053	0.179382	0.486167	-2.05966	0.746369	0.849826	-1.1767	0.657064	0.799248	-1.25118	0.497641	0.929267	-1.07606	0.311219	0.5899	-1.69494	0.0266073	0.258563	-3.86747	0.0423599	0.312378	0.790839	0.875271	-1.1425	0.21569	0.84136	3.00686	1
cg23374312	ZNF219;ZNF219;ZNF215	0.167465	0.0244345	0.13733	-5.6392	0.154944	2.67337	2.67337	0.0479884	2.34875	1.34785	0.93914	0.951932	1.0505	0.337535	0.828427	-1.40324	0.230916	0.444529	-2.24957	0.0949522	0.306111	-3.26679	0.0683113	0.899479	-1.11299	0.183995	0.402834	-2.48241	2.02067	13.3194	5.85915	1
cg03370682	NLGN4X;NLGN4X	0.167466	0.345053	0.535889	-1.86606	0.03923	0.216464	-6.6197	0.848495	0.884546	-1.13052	0.27831	2.06084	2.06084	0.0231085	0.175105	-5.71086	0.606952	1.39494	1.39494	0.901395	0.923593	-1.08276	0.421913	0.69255	0.69255	0.831527	0.874864	-1.14303	2.02067	13.1679	5.79256	1
cg25490534	WWTR1;WWTR1;WWTR1	0.167466	0.0596665	0.51807	-1.93021	-1.57948	0.793751	-1.25984	0.903752	1.09854	1.09854	0.146705	0.564007	-1.77303	0.154811	0.807163	-1.23898	0.307703	-3.2492	0.0488359	0.174514	-5.73022	0.0307539	0.140358	-7.12464	0.0767486	0.217985	-4.58747	0.401697	0.514675	1.94297	0.607351	1
cg06221682	GRID2	0.167466	0.470164	1.10575	1.10575	0.654891	0.9403	-1.06349	0.706911	0.94963	-1.05304	0.413671	0.891954	-1.12113	0.16831	1.22247	1.22247	0.255638	1.1763	1.1763	0.00871246	1.57986	1.57986	0.731244	1.0483	1.0483	0.607266	0.931523	-1.07351	2.02067	0.599115	0.263551	1
cg16385478	TRAP1	0.167466	0.0659004	0.431213	-2.32193	0.743551	0.140445	-2.31994	0.0756	0.842467	-1.18706	0.0774942	0.249972	-1.46299	0.542404	0.779942	-1.28215	0.00860017	0.259076	-3.85987	0.331727	0.667899	-1.49723	0.611846	0.81363	-1.22906	0.673252	0.842868	-1.18643	0.440427	0.728258	-1.37314	2.02067	5.19871	2.28691	1
cg17379209	BID;BID;BID;BID	0.167469	0.104653	2.93806	2.93806	1	1	1	0.401021	1	1	1	1	1	1	1	1	7	7	0.061832	0.346709	2.88427	7	0.831673	1.10401	1.10401	0.157197	0.43702	1.74167	1
cg24935345	ITGA1	0.167469	0.0435865	0.248745	-4.02018	0.228202	0.468415	-2.13486	0.852846	0.894633	-1.11778	0.506201	0.667346	-1.49847	0.010007	0.142299	-7.02748	0.779716	1.18309	1.18309	0.799919	0.858741	-1.1645	0.933424	1.05138	1.05138	0.243661	0.481196	-2.07815	2.02065	11.5068	5.06187	1
cg22807187	ITGA1 21SNORD115-33 SNORD115- 21SNORD115-33 2CSH14;2CSH14;2CSH14;2CSH14;2CSH	0.167470	0.125855	0.367194	-2.72336	0.137079	0.379576	-2.63452	0.143426	0.386338	-2.58841	0.474605	0.644139	-1.55246	0.0221656	0.190346	-5.25358	0.551388	1.43985	1.43985	0.264731	0.495041	-2.02004	0.114984	0.354616	-2.81995	0.0898731	0.32275	-3.09837	2.02064	11.7094	5.15101	1
cg19998073	14;2CSH14	0.167471	0.212159	0.708892	-1.41065	0.430898	1.23426	1.23426	0.0210578	2.0677	2.0677	0.0582666	1.75112	1.75112	0.928869	0.976897	-1.02365	0.611159	0.874387	-1.14366	0.556422	0.855785	-1.16852	0.726305	0.912101	-1.09637	0.399894	1.25308	1.25308	2.02064	2.19337	0.964875	1
cg09851814	ATP6V0A2	0.167472	0.912907	1.02279	1.02279	0.359793	0.823701	-1.21403	0.244361	0.778117	-1.28515	0.358669	0.823306	-1.21461	0.0173494	0.550542	-1.81639	0.37662	0.829051	-1.2055	0.134312	1.39457	1.39457	0.107912	0.696735	-1.43527	0.823617	0.955055	-1.04706	2.02064	1.35794	0.597367	1
cg00164203	ZNF378	0.167475	0.100177	2.13008	2.13008	0.0214118	2.43977	2.43977	0.163788	0.939443	-1.06454	0.214753	2.71043	2.71043	0.0418205	0.368853	-2.71012	0.19339	2.62884	2.62884	0.0154376	0.30515	-3.27813	0.0154505	0.273132	3.59542	0.74342	1.25798	1.25798	2.02061	15.6242	6.87327	1
cg10493259	WDR86	0.167478	0.798499	1.06852	1.06852	0.414113	1.24146	1.24146	0.488953	0.833827	-1.19929	0.668963	0.894551	-1.11788	0.0967427	0.623536	-1.60376	0.719619	0.910841	-1.09789	0.0221187	2.03573	2.03573	1.002741	1.58806	1.58806	0.67362	1.116	1.116	2.0206	2.14792	0.944901	1
cg13609167	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.167478	0.125995	0.396004	-2.52337	0.678555	0.856335	-1.16277	0.543915	0.840511	1.40511	0.884644	0.870963	-1.14849	0.0411261	0.243457	-4.10644	0.158546	0.431237	-2.31891	0.0532428	0.294142	-3.39972	0.0189944	0.305703	-3.27093	0.0747474	0.204652	-4.88659	2.02063	9.96612	4.38244	1
cg21080140	COL19A1	0.167479	0.748577	0.877757	-1.13927	0.546225	0.878067	-1.28095	0.209988	0.585291	-1.70855	0.117899	0.502346	-1.99006	0.741343	1.14368	1.14368	0.0368424	0.374136	-2.67283	0.27192	0.628956	-1.58994	0.218924	0.68918	0.68918	0.157799	1.86373	1.86373	2.02059	5.26089	2.31434	1
cg24568646	CCT8	0.167479	0.781167	1.03933	1.03933	0.0842132	1.30299	1.30299	0.0247775	1.44808	1.44808	0.977993	0.996497	-1.00352	0.971729	0.995102	-1.00492	0.931149	1.01204	1.01204	0.0794533	0.763605	-1.30958	0.637848	0.936426	-1.06789	0.434277	0.895361	-1.11687	0.20259	0.6142	0.270196	1
cg10877187	LIPN	0.167481	0.183165	1.46821	1.46821	0.0373222	1.22122	1.22122	0.0214284	1.58737	1.58737	0.0503137	1.53774	1.53774	0.153291	1.18717	1.18717	0.108383	0.616522	-1.62	0.0451861	0.30522	3.30522	0.865031	1.04735	1.04735	0.855755	1.04708	1.04708	2.02058	1.2661	1.04089	1
cg15664442	AGXT2	0.167481	0.0542772	0.158716	-6.30057	0.358052	0.451608	-2.21431	0.772984	0.783677	-1.27604	0.488012	0.552256	-1.81076	0.103134	0.222574	-4.49289	0.115259	0.236193	-4.23383	0.0206011	0.0953569	-10.4869	0.0625418	0.170946	-5.8498	0.351548	0.445758	-2.24337	2.02057	22.7281	9.99854	1
cg08134256	DNAL4	0.167482	0.9699921	1.03107	1.03107	0.0945965	1.07628	1.07628	0.0907207	1.41202	1.41202	0.718187	1.08311	1.08311	0.0910966	0.923495	-1.08295	0.758164	1.13205	1.13205	0.0466418	1.02016	2.144	2.144	0.125909	1.25909	1.25909	0.554703	0.888438	0.888438	2.02057	0.888438	0.282157	1
cg02035681	KCNJ5;C11orf45	0.167487	0.117591	0.571269	-1.75049	0.153642	0.604566	-1.65408	0.153799	0.604699	-1.65372	0.166845	0.615379	-1.62501	0.239352	0.666638	1.50065	0.207423	1.5495	1.5495	0.0955741	0.547096	-1.82783	0.0790989	0.526116	-1.90072	0.136092	0.589144	-1.69738	2.02055	1.47269	1.52772	1
cg09695187	PLCG2	0.167490	0.351822	0.581603	-1.71939	0.755714	0.838179	-1.19306	0.132338	0.399064	-2.50586	0.0965566	2.80552	2.80552	0.0245219	0.219865	-4.54824	0.163305	0.429005	-2.33065	0.286523	0.534717	-1.87015	0.83899	0.891299	-1.12196	0.899866	1.0738	1.0738	2.02053	10.2182	4.50408	1
cg17991940	AP2M1;AP2M1	0.167490	0.0308842	0.3202	-3.12294	0.0676215	0.844696	-1.18386	0.0164004	0.818193	1.22208	0.0995497	0.360776	-2.77423	0.159407	0.462244	-2.16335	0.887178	1.16823	1.16823	0.0996549	0.546095	1.24988	1.24988	0.680274	1.25876	1.25876	0.29052	0.97029	0.97029	4.34224	1
cg09782621	ZNF444	0.167497	0.47713	0.780403	-1.28139	0.0651099	2.03473	2.03473	0.1206	1.78152	1.78152	0.978104	1.00946	1.00946	0.249865	0.662006	-1.51056	0.457425	0.771385	-1.29637	0.0879443	0.524165	1.9078	1.9078	0.312092	1.43144	1.43144	0.29686	1.44917	1.44917	2.02049	3.76407	1.65635	1
cg11777515	PHOX2B	0.167498	0.630842	1.0246	1.0246	0.0797231	1.18454	1.18454	0.350926	1.83848	1.83848	0.210863	0.844507	1.14507	0.0433256	0.583609	-1.7133	0.688205	0.635052	-1.57467	0.197453	0.824248	1.21313	1.21313	0.0853228	1.37464	1.37464	0.0197431	1.74043	1.74043	2.02049	0.541488	0.27895	1
cg01688141	NKX3-1	0.167505	0.342476	0.879704	-1.13675	0.0155556	0.67786	-1.47523	0.177613	0.828819	-1.20654	0.157116	0.820133	-1.22931	0.0916149	0.986055	-1.01414	0.267505	1.16343	1.16343	0.0797106	0.748057	-1.28694	0.976699	1.00383	1.00383	0.509383	0.915361	-1.09247	2.02047	0.549543	0.241767	1
cg13606889	SOX1	0.167501	0.0331061	0.207741	-4.81369	0.670221	0.763227	-1.31023	0.28238	0.4943	-2.02306	0.328012	0.528956	-1.89052	0.823846	1.151	1.151	0.201603	0.427161	-2.34104	0.0742001	0.285095	-3.5076	0.100589	3.1097	3.1097	0.571486	0.697192	-1.43433	2.02046	12.7317	5.60124	1
cg25780131	FAM128A;LOC150776	0.167503	0.0379437	0.17245	-5.79735	0.153283	0.675	-1.48084	0.150295	0.824267	-1.21308	0.0955219	0.678706	-1.47422	0.0983407	0.583609	-1.7133	0.544453	0.737877	-1.3554	0.315552	0.625943	1.59759	0.646479	0.322966	-3.0963	0.0908043	0.307294	-3.25703	2.02045	3.6744	3.45483	1
cg10388067	C7orf50;C7orf50;C7orf50	0.167503	0.643398	0.857352	-1.16638	0.696385	0.878573	-1.13821	0.55758	1.21628	1.21628	0.656029	0.504676	-1.98147	0.259982	0.678476	-1.47389	0.955	0.981543	-1.0188	0.0151235	0.67897	1.48725	0.857225	0.942281	-1.06125	0.822729	0.67089	1.49239	2.02045	0.549543	0.241767	1
cg18467756	CXCR1	0.167505	0.4200001	1.18509	1.18509	0.303703	0.516873	2.51883	0.0788	0.803297	1.24475	0.403023	0.7206	1.38787	0.0209332	0.723131	1.38287	0.0586487	0.476754	-2.02604	0.405767	0.32468	-3.08024	0.0956019	0.450504	-2.21993	0.0502158	0.346305	-2.88705	2.02045	0.346305	-2.88705	1
cg22645062	GYS1;GYS1;GYS1	0.167506	0.210323	0.527474	-1.89583	0.0684668	1.68681	1.68681	0.14828	2.12003	2.12003	0.980311	0.988113	-1.01203	0.934602	1.04057	1.04057	0.0310071	0.293167	-3.41102	0.534538	0.737273	-1.35635	0.983909	0.990276	-1.00982	0.547796	0.744733	-1.34276	0.20243	7.51357	3.30559	1
cg24858140	MTHFS	0.167507	7	7	1	0.07929	1.03737	1.03737	0.0302207	0.286573	-3.37185	0.0140808	0.137976	0.40982	-2.43975	0.0119782	-8.37383	0.25	0.25969	-3.8499	0.0787496	0.101515	-9.85181	0.0179376	0.101515	-9.85181	0.0179376	0.101515	-9.85181	0.0179376	0.101515	-9.85181	0.0179376	2.02045	3.64744	1.62907	1
cg13519382	ESRRB	0.167511	0.0476299	0.40033	-2.49794	0.337988	0.678867	-1.48061	0.0661728	0.825826	-1.20983	0.0376363	0.570658	-1.49107	0.0254738	0.341969	-2.92425	0.679862	0.645612	-1.18258	0.658514	0.1969	5.07783	0.0162112	0.296502	-3.37211	0.0214184	0.587209	-1.70297	2.0204	0.526335	2.29936	1
cg13197457	ACOT4	0.167511	0.136414	1.97829	1.97829	0.0228828	3.18206	3.18206	0.0166042	3.46878	3.46878	0.784933	1.12334	1.12334	0.853227	1.08192	1.08192	0.932739	1.03654	1.03654	0.8457	1.08637	1.08637	0.222134	1.72555	1.72555	0.809995	1.10784	1.10784	2.0204	5.78456	2.54496	1
cg09193791	FXYD6;FXYD6;FXYD6;FXYD6	0.167518	0.127928	0.460339	-2.17264	0.0115499	0.256609	-3.89824	-4.28289	0.977145	1.02312	0.0222122	0.214284	0.106457	0.724999	0.940954	-1.06317	0.210164	0.324955	-3.07783	0.0101486	0.0446641	-1.54169	0.0778613	0.338491	-2.95406	0.0100922	0.0270736	0.133845	-7.47033	0.707749	1.31385	1
cg23964375	SLC25A41;SLC25A41	0.167526	0.2658406	0.677668	-1.47565	0.230289	0.5255	1.5255	0.941232	0.975563	-1.02505	0.335411	0.716538	-1.3956	0.480485	1.27208	1.27208	0.632325	1.17557	1.17557	0.257657	0.672752	-1.48643	0.357989	0.728191	-1.37327	0.0119928	0.349356	-2.86241	2.02036	0.560293	1.58516	1
cg16179967	ESCO1	0.167528	0.2519204	0.736049	-1.3586	0.1914	1.38827	1.38827	0.0346936	1.79314	1.79314	0.56744	0.871896	-1.14693	0.491208	1.17912	1.17912	0.931982	0.979957	-1.02045	0.115544	0.666303	-1.50082	0.0443237	0.98296	-1.01734	0.159184	1.42882	1.42882	2.02033	1.79995	0.791925	1
cg14998914	SOAT2	0.167525	0.892381	1.03441	-1.03416	0.217711	0.58515	-1.70911	0.0966568	-1.03448	0.890216	0.0486	0.666668	-1.03448	0.890216	0.0486	-20.5778	0.0222517	0.706655	-1.41509	-1.97373	0.154001	0.669768	-1.49305	0.0423736	0.578412	-1.72887	0.780169	0.660476	-1.51431	0.858418	-1.16493	2.02032	0.97022	0.660499	1
cg03326470	CNPY2;CNPY2	0.167527	0.291125	0.842563	-1.18685	0.341159	0.75	1.33333	0.745246	0.950295	-1.0523	0.364284	1.15755	1.15755	0.659082	1.0979	1.0979	0.0125158	0.615208	-1.62547	0.835991	0.968102	-1.03295	0.178033	1.25082	1.25082	0.20231	0.782474	0.334427	1
cg15208519	TNFRSF1B	0.167529	0.889099	1.03655	1.03655	0.0760673	0.251833	-3.97088	0.803297	0.528955	1.38955	0.0240321	1.31541	1.31541	0.0562322	0.908189	-1.10045	0.423906	0.760669	-1.41449	0.153888	0.182346	-5.4845	0.0176	0.648901	-1.5416	0.0550508	0.77383	1.29227	2.02028	0.773383	1.29227	1
cg19431293	MAEA;MAEA	0.167534	0.493087	0.876873	-1.14042	0.0493089	0.654734	-1.52734	0.928068	1.01719	1.01719	0.289538	0.812602	-1.23061	0.990775	0.99782	-1.00218	0.0534594	0.660966	-1.51294	0.0829581	1.43674	1.43674	0.839875	0.962532	-1.03893	0.182539	0.765651	-1.30608	2.02027	1.14007	0.501614	1
cg16480210	RIKS	0.167537	0.0938701	0.670479	-1.49147	0.596711	0.999106	-1.00089	0.931858	0.988788	-1.02471	0.561156	0.880285	-1.136	0.0127634	0.511002	-1.95694	0.772314	0.938983	-1.06468	0.0838625	0.66026	-1.51456	0.782949	0.97472	1.07412	0.107412	0.419039	1.19623	1.19623	2.02025	1.50671	0.662937	1
cg17532976	NEUROD4	0.167538	0.0400748	0.298347	-3.3518	0.291842	0.572596	-1.74643	0.0447861	0.309036	-3.23587	0.040328	0.31594	-3.16516	0.0611492	0.341063	-2.93201	0.357739	0.617445	-1.61958	0.116695	0.419388	-2.38473	0.328378	0.614519	-1.62729	0.611706	0.770292	-1.29821	2.02024	0.31572	3.65885	1
cg27606822	CTDSP2;MIR26A2	0.167542	0.309808	1.57647	1.57647	0.0120323	3.88251	3.88251	0.555311	1.29484	1.29484	0.561716	1.28931	1.28931	0.929465	0.962381	-1.03909	0.163126	0.524806	-1.90547	0.519827	1.32654	1.32654	0.11963	2.07795	2.07795	0.303976	1.58582	1.58582	2.02023	6.00191	2.64081	1
cg05221889	RYR3	0.167543	0.0194532	0.149153	-6.70411	0.0115499	0.256609	-4.28289	0.977145	1.02312	0.0222122	0.214284	0.106457	0.724999	0.940954	-1.06317	0.210164	0.185161	1.14762	1.14762	0.475796	0.709376	1.41003	0.0993135	0.31461	-3.17876	0.0299315	0.560088	1.78544	1.78544	0.573437	1.15827	1.15827	2.02021	0.560088	1.78544	0.573437	1.15827	1.15827	2.02021	0.560711	0.642937	1
cg03044178	C20orf166	0.167544	0.716512	0.842577	-1.18684	0.380398	0.592596	-1.52596	0.978478	1.01275	1.01275	0.85288	1.09111	1.09111	0.261721	0.57711	-1.73277	0.767063	1.14973	1.14973	0.0460892	0.341787	2.9258	0.0317745	0.239269	-4.1794	0.896149	0.96326	1.03626	2.0202	0.705888	3.1059	1
cg01561807	ATP4B	0.167545	0.2377342	0.7	0.7	0.0493777	0.514252	1.94552	0.0230778	0.645654	-1.50367	0.0812755	0.554148	-1.84714	0.0809697	0.533727	-1.87362	0.0719267	0.482572	-2.06818	0.0871155	0.0893195	-11.1935	0.0232676	0.148557	-6.73168	0.0229016	0.0978061	0.0518363	-19.2926	0.0978061	0.0518363	-19.2926	2.02021

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	S5(Test)	S6(Error)	F(Error)
cg19962075	MAPK4	0.167715	0.955343	1.237795	0.102795	0.08162212	0.58571	2.58571	0.784189	0.8576602	0.114449	0.2208896	0.188413	1.884413	0.461916	1.44579	0.144579	0.803036	0.684248	-1.3309	0.0106098	0.46397	0.46397	0.11994	2.29429	0.29742	0.986287	0.01139	2.01919	7.74866	3.41112	1
ch.4.1080479F	DCUN1D4,DCUN1D4	0.167716	0.27681	0.735408	-1.35979	0.6548056	0.569222	-1.75679	0.102744	1.62427	0.936888	0.978713	-1.02175	0.0312681	0.503291	-1.98692		0.362063	0.775269	-1.28987	0.391967	0.78797	-1.26908	0.923689	1.02637	1.02637	0.703486	1.10949	1.10949	2.01918	2.36083	1.03929	1
cg10977115	CRTAM	0.167719	0.347783	0.678536	-1.47376	0.00563678	0.232814	-4.29528	0.42876	0.723192	-1.38276	0.705792	1.16431	1.16433	0.29553	0.647147	-1.54524	0.462561	0.740816	-1.34986	0.315449	0.659412	-1.5165	0.107304	0.494023	-2.0242	0.49131	0.755455	-1.3237	2.01917	5.14673	2.26572	1
ch.6.675600F	TERT,TERT	0.167719	0.146388	0.657613	-1.52065	0.855842	0.952286	-1.05011	0.0750998	0.885451	-1.70401	0.320127	0.768669	-1.3181	0.500569	0.832127	-1.20174	0.630854	1.13902	1.13902	0.0317097	1.96798	1.96798	0.220606	0.707554	-1.41371	0.961688	0.987169	-1.013	2.01917	2.31337	1.01753	1
cg07355514	CDG7	0.167721	0.155189	0.308249	-3.24413	0.230986	0.378284	-2.64352	0.345814	2.11943	2.11943	0.655913	0.70684	-1.41475	0.0351827	0.151133	-6.6167		0.176687	0.329195	-3.03771	0.0332806	0.145883	-6.8546	0.182283	0.334483	-2.98969	0.447066	0.549063	-1.82128	2.01916	19.141	8.42641	1
cg07989042	CALU,CALU	0.167724	0.122968	1.71443	1.71443	0.562797	0.828003	-2.02772	0.420543	0.766854	-1.90403	0.505572	1.24348	1.24348	0.0192056	0.400965	2.49398	0.173965	0.627139	-1.59454	0.719229	0.890073	-1.1235	0.819956	1.07631	1.07631	0.168633	0.623014	-1.6051	2.01913	3.32774	1.46498	1
cg24962672	B3GNTL1	0.167725	0.954125	0.973338	-1.02739	0.257276	0.573867	-1.74256	0.621562	0.791575	-1.2633	0.319731	1.62091	1.62091	0.0136182	0.238245	4.1942		0.225915	1.81726	1.81726	0.454841	1.42987	1.42987	0.727926	0.848697	-1.17828	0.3141117	1.63069	1.63069	2.01913	7.05604	3.1063	1
cg01445931	NCKIPSD,NCKIPSD;NCKIPSD;NCKIPSD;NCKIPSD	0.167726	0.043816	1.76417	1.76417	0.2658837	1.73737	1.73737	0.176797	1.09535	1.09535	0.763726	0.904816	-1.08073	0.232922	0.730695	-1.36859		0.903915	0.970846	-1.03003	0.1458882	0.682143	-1.46596	0.360945	1.13301	1.13301	0.884041	1.0364	1.0364	2.01912	1.91947	0.845021	1
cg05715492	ARPC1B	0.167728	0.391157	1.60846	1.60846	0.668431	0.913214	-1.09503	0.889235	1.75589	2.75589	0.215864	1.02299	1.02299	0.335306	0.582674	-1.71623		0.124375	0.406554	-2.4597	0.0985041	0.375273	-2.66472	0.198644	0.479597	-2.08509	0.468778	1.48979	1.48979	2.01911	9.35731	4.11944	1
cg14777772	PDGFRA	0.167728	0.801118	1.14344	1.14344	0.0934758	2.66364	2.66364	0.0285337	0.253533	-3.94425	0.502587	0.696753	-1.43523	0.298871	0.564509	-1.77145		0.5569	0.729416	-1.37096	0.0672471	0.336522	-2.97157	0.778199	1.16178	1.16178	0.467954	0.675582	-1.48021	2.01911	9.01799	3.97006	1
cg14243895	DCAF12L2	0.167732	0.224491	1.272675	1.272675	0.5645033	1.554309	-1.80405	0.818471	1.2972357	-1.26381	0.223306	1.503187	1.503187	0.503987	0.51993	1.92305	0.277567	1.03578	1.03578	1.17382	0.853401	1.08885	1.08885	0.0244114	1.15428	15.9528	0.853118	1.20775	1.20775	0.210909	33.1684	14.6022	1
cg12041266	ARRB1;ARRB1 TMEM201;TMEM201;TMEM201;TMEM	0.167734	0.343022	1.64422	1.64422	0.2258615	1.84487	1.84487	0.01184027	4.95104	4.95104	0.566684	1.34287	1.34287	0.374558	1.59035	1.59035	0.378756	1.58356	1.58356	0.138694	2.25098	2.25098	0.2734	1.78643	1.78643	0.612007	1.29741	1.29741	2.01908	8.28617	3.64794	1
cg02206861	201	0.16774	0.395615	1.33457	1.33457	0.307001	0.704105	-1.42024	0.805006	0.921219	-1.08552	0.0430228	2.16502	2.16502	?	?	?	0.111409	1.77755	1.77755	0.105699	0.556384	-1.79732	0.908971	0.962767	-1.03867	0.568785	0.826079	-1.21054	2.03318	3.15011	1.54935	1
cg22257487	LRIT3;LRIT3	0.167743	0.426874	0.718302	-1.39217	0.0442112	0.389578	-2.56688	0.0185597	0.312165	-3.20343	0.281979	0.633823	-1.57773	0.934892	0.967228	-1.03388	0.580411	1.25572	1.25572	0.294085	1.55866	1.55866	0.344298	0.672142	-1.48778	0.688258	0.848328	-1.23679	2.01901	5.92576	2.70002	1
cg23938543	PPP3R11 MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEI	0.167743	0.0673843	0.495616	-2.01241	0.0228807	0.0359599	4.439663	-2.29905	0.488644	0.782826	-1.3092	0.8890272	0.528202	-1.89207			0.2184574	0.460005	-2.17389	0.343764	0.716934	-1.39483	0.787914	0.912102	-1.09637	0.0623731	0.488495	-2.04771	2.01902	3.72276	1.63899	1
cg19637634	S2;MEI2	0.167745	0.964312	1.01508	1.01508	0.133467	0.581902	-1.7185	0.0332206	0.434888	-2.29944	0.96207	0.984218	-1.01604	0.372956	1.35793	1.35793		0.798549	0.918005	-1.08932	0.0412544	2.19811	2.19811	0.721225	1.12733	1.12733	0.936249	0.973595	-1.02712	2.01901	5.57816	1.57532	1
cg12218099	EZR;EZR	0.167745	0.395293	1.34487	1.34487	0.0956154	1.86455	1.86455	0.908417	1.03994	1.03994	0.475919	1.27981	1.27981	0.299188	1.4413	1.4413		0.26885	1.47983	1.47983	0.0069417	3.32187	3.32187	0.3119918	1.42764	1.42764	0.130928	1.74207	1.74207	2.01901	3.70378	1.63063	1
cg10489928	BAT2	0.167748	0.616581	1.27329	1.27329	0.878992	1.07564	1.07564	0.71904	1.18874	1.18874	0.0205419	3.80186	3.80186	0.639564	0.797928	-1.25325		0.0492735	0.34163	-2.92715	0.358159	0.636209	-1.57181	0.433232	1.46629	1.46629	0.541098	0.743714	-1.3446	2.01899	7.32412	3.22454	1
cg10589577	NWD1	0.167751	0.270321	0.61954	-1.62087	0.0938248	2.05457	2.05457	0.650404	0.84496	-1.18349	0.853297	1.08154	1.08154	0.0469517	0.538979	-1.85509		0.30421	0.609087	-1.56478	0.0122647	0.269101	-3.71698	0.120997	0.492539	-2.0303	0.919001	1.04373	1.04373	2.01892	5.66143	2.49261	1
cg06084702	MAD2L2	0.167763	0.414567	0.825713	-1.21107	0.705791	0.916597	-1.09099	0.066477	1.60412	1.60412	0.815637	0.947782	-1.0551	0.918419	1.0238	1.0238		0.0238331	0.538338	-1.85757	0.193862	0.729311	-1.37116	0.99036	0.99723	-1.00278	0.267847	1.30347	1.30347	2.0189	1.68594	0.742291	1
cg09325360	TSC2;TSC2;TSC2	0.167765	0.676543	1.23574	1.23574	0.0626795	2.87076	2.87706	0.0604774	2.35743	2.85707	0.574593	1.33125	1.33125	0.15144	0.460495	-2.17158		0.208729	0.512442	1.95144	0.336215	0.606367	-1.64917	0.403577	0.53913	1.85413	0.513102	0.715604	-1.39742	2.01889	8.13858	3.5833	1
cg08933276	GNA12	0.167769	0.0604273	0.321229	-3.11304	0.0214776	0.227294	-4.39958	0.0425844	0.285884	-3.49792	0.420999	0.643463	-1.55409	0.261175	0.533408	1.87474		0.293426	0.557378	-1.79412	0.0926616	0.370693	-2.69765	0.676111	0.798248	-1.25274	0.230995	0.50973	-1.96182	0.21887	0.97004	0.40937	1
cg07873779	CLIP2;CLIP2	0.16777	0.247724	0.750725	-1.33205	0.461623	0.837104	-1.19459	0.801765	0.940291	-1.06615	0.0125684	0.288338	3.463986	0.126386	0.675488	-1.48041		0.708722	1.09112	1.09112	0.649197	1.11477	1.11477	0.581786	1.14108	1.14108	0.57015	1.14585	1.14585	2.01886	1.79981	0.792441	1
cg20042246	PURA	0.167771	0.0747357	0.719178	0.93254	0.1691	0.1691	0.1691	0.2609	0.185328	1.17247	1.17247	0.0364725	0.8497272	0.117824	0.5110206		0.6734506	0.929583	-1.07575	0.8802246	0.9743363	-1.02631	0.6884557	1.51942	1.51942	0.2387722	0.808516	-1.23683	2.01886	0.6049945	0.417814	1
cg06124295	TXNL4B;TXNL4B;DHX38;TXNL4B;TXNL4B	0.167772	0.0408119	1.53474	1.53474	0.503482	0.884111	-1.13108	0.446935	1.151	1.151	0.0211186	1.6538	1.6538	0.732374	0.939625	-1.06425		0.378855	1.17797	1.17797	0.261812	0.808736	-1.2365	0.852587	1.03432	1.03432	0.971342	1.00654	1.00654	2.01885	1.05236	0.46335	1
cg08350171	BZM	0.167772	0.0853931	0.624722	-1.60071	0.647221	1.12074	1.12074	0.469803	1.19951	1.19951	0.390803	0.804503	-1.243	0.0903479	1.58676	1.58676		0.757835	0.926344	-1.07951	0.0150727	0.577139	-1.73268	0.868763	1.04176	1.04176	0.447086	0.680988	-1.46846	2.01885	1.95687	0.8616	1
cg11876048	MSI2;MSI2	0.167774	0.220501	0.365923	-2.73282	0.403087	0.512831	-1.94996	0.5353	0.612636	-1.63229	0.529551	0.608301	-1.64392	0.0752604	0.213131	-4.69194		0.170036	0.319631	-3.12861	0.0176589	0.105125	-9.51246	0.221678	2.72512	2.72512	0.29025	0.426409	-2.34517	2.01884	19.4764	8.57536	1
cg12564151	DENND3	0.167774	0.524339	0.807721	-1.23807	0.8939248	2.01457	2.01457	0.451004	0.89505	-1.12025	0.322715	1.40211	1.40211	0.0962477	0.699681	-1.42922		0.733855	1.11552	1.11552	0.3115844	1.27503	1.27503	0.891479	0.956661	-1.04532	0.657042	1.15934	1.15934	2.01884	3.5083	1.54117	1
cg03955175	C7orf68;C7orf68;C7orf68	0.167775	0.838564	0.953302	-1.04899	0.0754061	1.59051	1.59051	0.195362	1.3786	1.3786	0.859546	0.959327	-1.0424	0.954926	0.838123	1.19314		0.160378	0.703572	-1.42132	0.075294	0.628591	-1.59086	0.256052	0.757337	-1.32042	0.251072	1.32464	1.32464	2.01883	1.7573	0.773736	1
cg06652349	SEC22A	0.167775	0.676543	1.23574	1.23574	0.0626795	2.87076	2.87706	0.0604774	2.35743	2.85707	0.574593	1.33125	1.33125	0.15144	0.460495	-2.17158		0.208729	0.512442	1.95144	0.336215	0.606367	-1.64917	0.403577	0.53913	1.85413	0.513102	0.715604	-1.39742	2.01889	8.13858	3.5833	1
cg25575464	NEURL4;NEURL4	0.167777	0.249089	0.321106	-3.11424	0.87138	1.16508	1.16508	0.0176421	0.0657305	-15.2136	0.479274	0.507526	-1.97034	0.468171	0.498553	2.00581		0.804267	0.791242	-1.26384	0.0456838	0.115272	-8.67513	0.137019	0.220823	-4.52852	0.391872	1.2869	2.2869	0.16882	28.4308	12.5181	1
cg23928512	ASPSCR1	0.167778	0.684604	0.922748	-1.08372	0.5760514	0.894743	-1.11764	0.0104211	0.529947	-1.88698	0.555375	0.885198	-1.12461	0.882567	0.973119	-1.02953		0.293609	0.806961	-1.23922	0.146597	1.35901	0.76916	0.929005	-1.07642	0.303426	1.2335	1.2335	0.81881	1.23911	0.545669	1
cg06151965	LOC554462	0.167778	0.241577	0.4609	-2.16952	0.0286295	0.56379	-1.77384	0.0176408	0.0655306	-15.2636	0.479274	0.507526	-1.97034	0.468171	0.498553	2.00581		0.208729	0.512442	1.95144	0.336215	0.606367	-1.64917	0.403577	0.53913	1.85413	0.513102	0.715604	-1.39742	2.01889	8.13858	3.5833	1
cg27535564	CCDC58;CCDC58	0.167782	0.0254462	0.815769	-1.22584	0.184944	0.897809	-1.11382	0.0939703	0.868321	-1.15165	0.17075	0.894189	-1.11833	0.0311471	0.823714	2.21401		0.403035	0.936357	-1.06797	0.6747	1.03289	1.03289	0.821627	0.982835	-1.01746	0.521836	0.951442	-1.05104	2.01879	0.187957	0.0827589	1
cg27109007	WWOX	0.167784	0.6156149	1.22698	1.22698	0.7205209	0.496689	-2.85968	0.2818666	0.739582	-1.38969	0.923161	0.972174	-1.02862	0.8307155	0.968027	-1.03299	0.678097	1.1827	1.1827	0.170496	0.7973142	0.975451	-1.02603	0.728378	0.875247	0.96747	-1.03401	2.01878	2.31337	1.02753	1
cg27637606	CIB2	0.167785	0.806288	0.937408	-1.06677	0.671489	0.893836	-1.11877	0.217961	0.711091	-1.40629	0.641199	1.13142	1.13142	0.0138403	0.210021	-4.43872		0.526561	0.844666	-1.1839	0.0860158	0.607074	-1.64725	0.443731	0.815662	-1.226	0.177116	0.664562	-1.50475	2.01877	2.21303	0.974424	1
cg00308659	CRISPLD2	0.16779	0.152451	0.779172	-1.28341	0.495419	1.11929	1.11929	0.969066	0.993707	-1.00633	0.413234	0.872685	-1.14589	0.61277	0.92027	-1.08664		0.498992	0.894285	-1.11821	0.278659	0.832452	-1.20127	0.0270265	0.652978	-1.53144	0.0195074	0.631537	-1.58344	0.81875	0.847372	0.373112	1
cg05941212	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.167789	0.7533054	0.945215	-1.05782	0.7787	0.378294	-2.64345	0.810395	0.844915	-1.18467	0.185957	0.372039	-2.68789	0.0497353	0.203042	4.9251		0.381361	0.53097	-1.88335	0.030467	0.166371	-6.01068	0.138436	0.32476	-3.07919	0.219608	0.402462	-2.48471	2.01874	15.8944	6.99857	1
cg21128460	RNF6;RNF6;RNF6;RNF6	0.167789	0.0280403	0.810966	-1.23317	0.329	0.5153	1.942048	0.145	0.31567	-3.16167	0.143022	0.5478132	-1.82527	0.0448308	0.7292264	-1.37128		0.498992	0.894285	-1.11821	0.278659	0.832452	-1.20127	0.0270265	0.652978	-1.53144	0.0195074	0.631537	-1.58344	0.81875	0.847372	0.373112	1
cg18190847	HRH1;HRH1	0.167792	0.304891	0.640444	-1.56142	0.0271025	2.9959	2.9959	0.94248	1.03073	1.03073	0.868195	0.932714	-1.07214	0.367588	0.678306	-1.47426		0.795014	1.11538	1.11538	0.0553536	0.402173	-2.48649	0.516075	0.758695	-1.31805	0.189529	0.558315	-1.7911	2.01873	5.62355	2.47616	1
cg10950991	TNK2;TNK2	0.167793	0.207713	0.719581	-1.39	0.657824	1.11675	1.11675	0.346282	1.27142	1.27142	0.0473217	0.560989	-1.78342	0.401757	0.949318	-1.05986		0.646462	0.838695	-1.19213	0.0375766	0.81765	1.81765	0.347943	1.27047	1.27047	0.0927551	0.99243	-1.00076	2.01873	1.96197	0.863899	1
cg24648901	SLTM;SLTM	0.167795	0.117346	0.634304	-1.62786	0.040412	0.585061	-1.70965	0.137465	0.538457	0.836686	-1.19519	0.446229	0.641196	1.24889	1.24889	0.0140208	0.559378	1.67398	0.0887945	0.583083	-1.71502	0.0840953	0.172616	0.748487	-1.33617	0.0884817	0.0885817	-1.1288	2.01871	2.62932	1.15379	1
cg10513330	PLB1;PLB1	0.167799	0.273529	1.413	1.413	0.0123524	2.57299	2.57299	0.221025	0.676843	-1.47745	0.673923	0.879505	-1.137	0.144166	0.621262	-1.60963		0.814092	0.931027	-1.07408	0.806928	1.07712	1.07712	0.979511	0.992239	-1.00782	0.923398	1.02961	1.02961	2.01869	2.94289	1.29584	1
cg10770782	PPYC;B;PPYC;B	0.167799	0.941454	1.06158	1.06158	0.8185	1.11234	1.11234	0.9996953	1.00177	1.00177	0.0855319	2.40105	2.40105	0.208121	0.624208	-1.60214	0.489423	0.999949	1.00018	0.108823	0.444048	-2.2502	0.207185	0.545408	1.35641	1.35641	0.583535	1.29206	1.29206	2.01869	5.84943	2.61557	1
cg14252395	AGRN	0.1678	0.176334	0.754446	-1.32548	0.63778	0.911234	-1.09741	0.245825	0.788262	-1.26861	0.0966071	0.142983	1.42983	0.21385	0.818579	-1.22163		0.147748	0.737548	-1.35584	0.0586486	1.51996	0.55196	0.455202	0.861488	-1.16078	0.951607	1.01197	1.01197	2.01868	1.22843	0.540916	1
cg06152604	KNG1;KNG1;KNG1	0.167805	0.607391	1.28001	1.28001	0.162123	0.750246	-1.3329	0.485494	0.712713	-1.40309	0.268571	0.576585	-1.73435	0.132262	0.460132	-2.17329		0.158938	0.485011	2.06181	0.0113711	0.22001	-4.54524	0.0145202	0.149028	1.49503	1.49503	0.27875	0.583828	-1.71283	2.01865	7.30014	3.21453	1
cg19987611	RFX8	0.167807	0.569375	0.421905	-2.3702	0.165587	0.641846	-1.55822	0.240265	-3.44513	0.458853	0.722423	-1.10152	0.397131	0.272204	-3.67371		0.091209	16.31	16.31	0.718533	1.392405	0.580905	-1.72145	0.181789	8.39021	8.39021	0.0352207	39.6839	39.6839	2.01864	72.0035	31.706	1
cg09015569	KHDRBS1	0.167808	0.954882	1.02587	1.02587	0.717447	0.848689	-1.17829	0.472175	1.39116	1.39116	0.490762	1.37162	1.37162	0.606137	0.79073	-1.26465		0.933187	0.962854	-1.03858	0.0115489	0.240289	-4.16166	0.199196	1.84488	1.84488	0.136808	0.485024	-2.06175	0.21863	6.51594	2.86924	1
cg08578216	PEBP4	0.167814	0.542059	1.15664	1.15664	0.3129	0.6521	-1.53374	0.4525	0.717963	1.39155	0.3259	0.6509	-1.53607	0.1876581	0.715135	-1.39834		0.846238	0.954447	-1.04773	0.433491	0.7234669	-1.38264	0.773473	-1.29287	0.151144	1.44689	1.44689	0.2169	0.818667	0.1188	0.0433304	1
cg08009360	EIF4H;EIF4H;EIF4H;EIF4H;EIF4H;EIF4H	0.167823	0.144959	0.442343	-2.26099	0.083134	0.368012	-2.7173	0.0132692	0.268018	-3.73109	0.0793083	0.35324	-2.83093	0.0630904	0.546445	-1.82925		0.15282	0.453006	-2.20771	0.144176	0.644536	-1.55202	0.0455865	0.221884	4.5059333	0.537832	-1.85932	2.01855	6.68003	3.82233	1
cg18531176	EBF3	0.167827	0.605011	-1.19584	1.19584	0.0565209	2.09605	2.09605	0.276694	0.678525	-1.47378	0.813356	1.08445	1.08445	0.886882	-1.12698	0.885311	0.0949	0.718879	1.13191	1.13191	0.039396	0.448	2.26347	0.162008	0.668832	1.66832	0.270048	2.01854	0.148187	1.48187	0.218252	1.75646	1.65422	1
cg17809748	LOC285548	0.167827	0.335593	0.610596	-1.63794	0.947568	1.03321	1.03321	0.703499	0.826974	-1.20923	0.747352	1.17419	1.17419	0.277898	0.570871	-1.75171		0.251922	0.551766	-1.81236	0.284521	0.575606	-1.7373	0.0109698	0.4832	0.4832	0.719948	0.836217	-1.19586	0.81852	7.891	3.47493	1
cg04935900	RAS11;PI5	0.167828	0.189013	0.797497	-1.2535	0.26025	0.1911	2.5217	0.0439933	1.4544	1.4544	0.0485593	1.6944	1.6944	0.210662	0.590193	-1.69443	0.102343	0.507007	0.180628	-1.10229	0.0354196	0.842332	0.450683	-2.21884	0.254333	0.537832	-1.85932	2.01853	6.68003	3.82233	1
cg06206119	C9orf11;C9orf11;C9orf11;C9orf11	0.167828	0.194843	1.8075	1.8075	0.206973	1.77622	1.77622	0.821474	1.10248	1.10248	0.404033	1.44568	1.44568	0.687014	1.19106	1.19106		0.79171	0.802033	-1.12104	0.0607388	0.49087	-2.04708	0.0147198	0.364593	0.645919	0.0738201	0.26362	2.26362	2.01852	5.95695	2.62324	1
cg01458121	TMEM92;TMEM92	0.167831	0.25602	0.707297	-1.4142	0.0556167	0.787807	-1.26956	0.0178357	0.670562	1.49162	0.153302	0.663691	-1.50673	0.0506663	0.550464	-1.81666		0.0458535	0.441291	-2.26539	0.0456408	0.795194	-1.25756	0.790766	0.929233	-1.08256	0.116408	0.579911	-1.72394	2.01851	1.57993	0.738234	1
cg04309437	C2orf64	0.167839	0.598442	0.764023	-1.30886	0.830972	1.11434	1.11434	0.363773	1.60432	1.60432	0.96855	1.02017	1.02017	0.0289533	0.271407	3.6845		0.250445	0.544313	-1.83718	0.0367237	0.292562	-3.41808	0.361141	0.60872	1.60872	0.312772	0.589269	-1.69702	2.01845	8.19996	3.61111	1
cg09424609	KCNMB4	0.167839	0.24064	0.349236	-1.17753	0.552242	0.923123	-1.08328	0.227769	1.18344	1.18344	0.853818	0.957763	-1.01284	0.278199	1.16168	1.16168		0.317623	0.871606	-1.14731	0.0410526	0.273035	0.730803	-1.36836	0.671829	1.29597	1.29597	0.21845	0.565705	0.249126	1
cg00418743	KPO5;PO5;PO5;PO5	0.167851	0.0329077	0.7565	-1.32179	0.4447	1.15384	1.15384	0.464674	1.15382	1.15382	0.1712	0.19155	0.710797	0.0297356	0.559569	-1.78707		0.58164	1.11845	1.11845	0.0201417	0.755355	1.32602	0.756196	0.937736	1.07337	1.07337	0.0664649	-1.50047	0.749335	1.06672	1.06672	0.218338	1.29772	0.575151	1
cg18811423	PNPT1	0.167852	0.813383	0.915758	-1.09199	0.534164	1.26402	1.26402	0.0782815	2.07079	2.07079	0.0385629	2.43948	2.43948	0.453111	1.32899	1.32899		0.0447774	2.35665	2.35665	0.293307	0.66652	-1.50033	0.66401	0.849891	-1.17662	0.784387	0.902973	-1.10745	2.01838	4.42694	1.94961	1
cg04065304	ST18 SPATA22;SPATA22;SPATA22;SPATA22;S	0.167858	0.429535	0.534529	-1.86766	0.0115285	0.0865017	-11.5605	0.026095	0.129373	-7.72961	0.965584	0.96807	-1.03298	0.257575	0.400429	-2.49732		0.301533	0.434605	-2.29145	0.286683	0.424417	-2.35167	0.263268	0.432217	-2.31565	0.676383	0.718745	-1.39131	2.01834	19.1819	8.44779	1
cg12655548	PATA22;SPATA22;ASPA	0.167861	0.241378	0.69106	-1.44705	0.76665	0.91423	-1.09382	0.179154	1.54768	1.54768	0.460374	1.25417	1.25417	0.0138767	0.400097	-2.49939		0.420644	0.780433	-1.28134	0.8972393	1.03968	1.03968	0.652619	0.872378	-1.14629	0.150411	0.628463	-1.59118	2.01832	2.90234	1.27822	1
cg22072647	C14orf106	0.167861	0.0915029	0.779223	-1.28325	0.228896	0.5286	-1.89175	0.24913	0.680534	1.46948	0.0805348	0.34163	-2.92677	0.0196544	0.181887	-5.49743		0.619545	1.16351	1.16351	0.997762	0.322806	-3.09783	0.403876	1.70172	1.70172	0.0962869	0.31636	1.16136	0.21832	12.3838

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg11583762	ADAM5P PML;PML;PML;PML;PML;PML;PML;PML	0.168009	0.579187	1.47965	0.482448	1.48496	0.844896	0.636379	1.395262	1.395262	0.411316	0.556984	-1.79538	0.341172	1.97984	1.97984	0.043664	0.200794	-4.98024	0.231766	0.412752	2.29434	0.206626	2.12089	2.12089	0.666995	1.353159	2.01744	15.8284	6.88677	1
cg07194295	PML	0.16801	0.071522	0.558344	-1.79101	0.229202	1.44109	1.44109	0.117757	1.63547	1.63547	0.089402	0.810649	-1.23054	0.180268	0.662581	-1.50925	0.784424	1.08265	1.08265	0.733335	1.13277	1.13277	0.198141	0.674446	-1.4827	0.113824	0.60763	-1.64574	2.07744	2.63948	1.18059	1
cg05168609	C21orf29;KRTAP10-4	0.16801	0.195962	1.29538	1.29538	0.735909	0.937043	-1.06616	0.135066	0.737207	-1.35647	0.22573	1.27223	0.229041	1.230431	1.230431	0.190368	1.171124	1.71716	1.36031	0.33223	1.33223	0.838251	1.03944	1.03944	0.627287	1.00703	1.00703	2.01744	1.14444	0.504244	1
cg02449892	FTFA;TFX1P;FTFA	0.16801	0.38719	0.755923	-1.32289	0.222939	0.667451	-1.49824	0.384209	0.75368	-1.32682	0.796476	1.08492	1.08492	0.111119	0.366091	-2.73156	0.406874	1.30715	1.30715	0.10318	0.567426	-1.76234	0.693152	1.13337	1.13337	0.339645	0.732945	-1.36436	2.01744	3.18432	1.40302	1
cg21209091	DIXI4	0.168014	0.039536	0.353984	-2.82948	0.447646	0.713504	-1.40153	0.233105	0.579641	-1.7252	0.09381 02	1.447665	-2.23381	0.094184	0.448514	-2.22311	0.953911	0.975105	-1.02553	0.018743	0.288684	-3.464	0.787929	0.880948	-1.1248	0.445359	0.712243	-1.40401	2.07142	2.68784	1.27488	1
cg05295417	CXorf40A	0.168017	0.048505	0.383051	-2.61062	0.549965	0.770093	-1.29713	0.155933	0.523995	-1.90841	0.301184	1.57785	1.57785	0.04442 11	0.374257	-2.67196	0.059216	0.403813	-2.4764	0.820966	1.10131	1.10131	0.494992	0.744532	-1.34313	0.734413	0.864552	-1.15667	2.0174	5.79105	2.5516	1
cg24533757	RAG2;C1orf74	0.168022	0.274094	1.24528	1.24528	0.537187	1.20025	0.131569	1.368858	1.368858	0.074496	0.678445	-1.47396	0.43495	1.16922	1.16922	0.511037	1.13711	1.13711	0.321288	0.7804 98	1.28121	0.675158	1.14262	1.46152	0.291565	1.23192	1.23192	0.73737	1.1871	0.529056	1
cg22549268	SEMA5B	0.168024	0.286039	1.19439	1.19439	0.681734	1.38832	1.38832	0.177591	1.25783	1.25783	0.25883	1.25883	0.117759	1.31376	1.31376	0.137298	1.31918	1.93212	1.24756	1.24756	0.238764	0.820196	-1.22922	0.41178	0.873874	-1.14433	0.133732	1.29872	1.29872	0.37236	0.824559	0.363318	1
cg14528756	KIAA1715	0.168025	0.36921	0.780282	-1.28159	0.0786282	0.591268	-1.69128	0.0621525	0.568406	-1.75931	0.31989	1.44743	1.44743	0.316162	0.756692	-1.32154	0.847681	0.949681	-1.05298	0.93474	0.978209	-1.02228	0.184157	0.684547	-1.46082	0.0427027	0.533852	-1.87318	2.07135	2.31235	1.01887	1
cg26003475	INPP5F;INPP5F;INPP5F;INPP5F CDK11B;CDK11B;CDK11A;CDK11B;CDK1	0.168025	0.127426	0.687184	-1.45509	0.0659705	0.313113	-1.29139	0.540119	0.780295	-1.155	0.480473	1.293485	1.293485	0.13194	0.423119	-2.3641	0.174235	1.20379	1.20379	0.276839	0.73495	1.36041	1.08491	0.881455	1.56629	0.191123	1.3794	1.3794	0.191755	1.729534	0.760226	1
cg00062592	1A;CDK11B;CDK11B;CDK11B	0.168029	0.934225	0.985823	-1.01438	0.0892656	1.38284	1.38284	0.341493	1.18477	1.18477	0.851621	1.0328	1.0328	0.256125	1.20604	1.20604	0.575533	0.90678	-1.1028	0.0139159	0.591221	-1.69142	0.910039	1.01974	1.01974	0.701146	1.06898	1.06898	2.01733	0.956026	0.421251	1
cg26683794	UGDT2	0.168029	0.0731809	1.63802	1.63802	0.567661	0.867045	-1.15334	0.453411	1.20759	1.20759	0.532001	1.16922	1.16922	0.48146	0.838017	-1.19329	0.111724	1.53388	1.53388	0.0273558	1.90566	1.90566	0.345095	1.27146	1.27146	0.323636	0.777426	-1.2863	2.07132	1.94881	0.858698	1
cg03778895	DLEU2 MOV10L1;MOV10L1;MOV10L1;MOV10	0.168031	0.311005	0.838129	-1.19313	0.959568	0.91906	-1.00858	0.066425	1.44151	1.44151	0.434503	0.874298	-1.14377	0.606003	0.916081	-1.09161	0.035169	0.661427	-1.51188	0.109257	1.34204	1.34204	0.108782	1.04622	1.04622	0.953594	0.990244	-1.00985	2.01731	0.906721	0.399529	1
cg14414122	L1	0.168031	0.122788	0.341403	-2.92909	0.291862	2.01968	2.01968	0.201105	2.38167	2.38167	0.276554	2.06976	2.06976	0.173472	0.394216	-2.53668	0.053226	0.24375	-4.10256	0.464782	0.619909	-1.61314	0.257829	0.468162	-2.13601	0.828777	1.49136	1.49136	2.01731	13.1989	5.81584	1
cg14208839	EFS2C;MIR1280	0.168035	0.237682	0.783916	-1.36363	0.0347846	0.539587	-1.85227	0.130327	0.66586	-1.50634	0.486781	1.19383	1.19383	0.047779	0.561249	-1.78174	0.232864	0.730362	-1.36924	0.0422482	0.986981	-1.01412	0.281539	0.755316	-1.32395	0.0914153	0.627451	-1.59375	2.01729	2.00865	0.88508	1
cg19594822	HEY1;HEY1	0.168037	0.5026589	1.0189	-1.0189	0.177407	0.842191	-1.18738	0.650391	0.956419	-1.04569	0.2	1.0156	0.198547	1.0156	0.824208	-1.21409	0.0312289	0.738707	-1.35372	0.0949319	1.24592	1.24592	0.658814	0.948152	-1.05468	0.494311	1.08671	1.08671	2.01728	2.45863	0.202089	1
cg12024104	IFFO1;IFFO1	0.16804	0.743212	1.08925	1.08925	0.3361	0.77265	-1.29425	0.336086	1.29426	1.29426	0.124949	1.54021	1.54021	0.100683	0.626515	-1.59613	0.125269	0.649539	-1.53955	0.220586	0.715405	-1.39781	0.0950572	0.620637	-1.61125	0.541207	1.1745	1.1745	2.01726	2.16058	0.952041	1
cg05771398	KPNA2	0.168042	0.486986	1.13201	1.13201	0.0319715	0.646186	-1.46803	0.317996	0.831839	-1.2137	0.0206331	0.648631	1.54106	0.018222	1.5805	1.5805	0.185459	0.797823	-1.25341	0.395974	0.869503	-1.15008	0.761709	0.952272	-1.05012	0.928891	1.01446	1.01446	2.01725	0.826714	0.364287	1
cg19800926	RELT;RELT	0.168048	0.695192	1.07159	1.07159	0.127169	1.33595	1.33595	0.745419	0.15887	1.05887	0.356537	0.846622	-1.18117	0.82876	0.962682	-1.03876	0.035787	1.53663	1.53663	0.0216837	1.62249	1.62249	0.346075	1.18575	1.18575	0.929248	1.01572	1.01572	2.01722	0.98402	0.434006	1
cg21417204	SMAD4	0.168056	0.25547	0.157597	1.79944	0.102915	0.445667	-1.40577	0.531078	0.772021	-1.38692	0.157992	1.16424	1.16424	0.256068	0.554003	-1.80505	0.480176	1.1251	1.1251	0.142353	0.557455	0.558865	-1.78934	0.0766662	1.73436	0.73436	0.96908	0.981654	-1.01869	2.01722	1.77426	0.824852	1
cg22912011	ZNF81	0.168057	0.135945	0.329425	-3.03559	0.883155	1.10697	1.10697	0.392558	1.8318	1.8318	0.0387668	5.22679	5.22679	0.0840543	3.74719	3.74719	0.146215	1.3403	1.3403	2.93858	0.584955	0.683084	-1.46395	0.922178	1.06986	1.06986	0.956793	0.96325	-1.03815	2.0172	15.2574	6.72326	1
cg03804903	HNRNPM;HNRNPM	0.168052	0.0446025	0.379982	-2.6317	0.635947	0.818655	-1.22152	0.364015	0.676142	-1.47898	0.261467	0.57145	-1.74993	0.0503903	0.392255	-2.54936	0.0502565	0.391983	-2.55113	0.0405695	0.33071	-2.69753	0.942905	0.970392	-1.03051	0.495185	0.747794	-1.33727	2.01719	5.62529	2.47383	1
cg13479418	KCND2;KCND2	0.168054	0.622274	0.0794395	12.5895	0.0224115	0.529227	1.79171	0.784119	0.643499	1.55707	0.14105	0.124993	8.00127	0.0124105	8.05993	0.124105	0.189744	5.27483	5.27483	0.0188832	0.188832	-25.0732	0.0396	0.752311	1.32915	0.682436	-1.46534	0.138899	0.144614	-6.91496	0.20718	46.5389	20.5934	1
cg03149565	LOC645158;LOC645158	0.168056	0.636867	1.71703	1.71703	0.20276	0.73518	4.73518	0.553144	1.97995	1.97995	0.932366	0.908234	-1.10104	7	7	7	7	0.0150592	39.0401	39.0401	0.660975	0.605603	-1.65125	2.29235	2.61355	12.928	1
cg27537290	CSMD1;CSMD1	0.168058	0.207327	1.38083	1.38083	0.0181551	0.779145	1.28442	-2.28442	0.823753	1.72367	-1.38185	0.273232	1.8456	0.0147656	1.8456	1.8456	0.104656	1.27789	1.27789	0.488332	0.70725	-1.10223	0.907022	0.607571	-1.05488	0.482508	1.10372	1.10372	2.01716	0.610675	0.269103	1
cg07599385	CDY;CDY1;CDY;CDY1;CDY2;CDY1	0.168062	0.667437	0.856559	-1.16746	0.232011	0.638273	-1.56673	0.941822	1.02649	1.02649	0.114815	0.541049	-1.84826	0.0140615	0.337597	-2.96211	0.117129	0.543516	-1.83987	0.893919	0.955673	-1.04638	0.684632	1.1575	1.1575	0.0871671	0.508373	1.96706	2.07113	4.09887	1.80625	1
cg13141527	SPATA1;GNG5	0.168068	0.737875	0.836171	-1.19593	0.446132	1.51239	1.51239	0.390416	0.625752	-1.59808	0.00824851	0.165337	-6.04825	0.554732	0.727402	-1.37475	0.588897	0.747776	-1.3373	7	7	7	0.542524	1.38872	1.38872	0.46249	1.48947	1.48947	2.03119	8.11426	3.99483	1
cg10114138	ZFX;ZFX	0.168072	0.0810242	0.467173	-2.14077	0.0931039	1.2761	1.2761	0.1543	1.83991	1.83991	0.0982893	3.03805	3.03805	0.0199021	3.18554	3.18554	0.868361	1.15369	1.15369	0.6507	1.16254	1.16254	0.592109	0.811982	1.09651	1.09651	0.707077	0.82593	1.21077	2.01707	0.616075	0.269103	1
cg17160590	C1orf58;AIDA	0.168075	0.911186	1.0227	1.0227	0.143179	0.728693	-1.37232	0.550314	1.12926	1.12926	0.0575384	0.649167	-1.54043	0.0432306	0.626391	-1.59645	0.228582	1.28943	1.28943	0.756536	1.06456	1.06456	0.411962	1.18383	1.18383	0.353888	0.825411	-1.21152	2.01706	1.39271	0.569682	1
cg26107590	AFG1	0.168075	0.0189134	0.689351	-1.45044	0.0325578	0.559568	-1.78704	0.338551	0.670864	-1.49071	0.0993362	0.492107	-2.03152	0.0299336	0.5874	-1.70182	0.367368	1.48984	1.48984	0.0577251	1.49984	1.49984	0.0357962	1.13281	1.13281	0.754796	1.16574	1.16574	0.903179	1.23146	1.27	0.902083	0.364287	1
cg00855299	SPG7;SPG7	0.168079	0.870605	0.893548	-1.11913	0.0437299	0.201771	-4.95612	0.0730194	0.251438	-3.97712	0.546851	1.52343	1.52343	0.377349	0.535034	-1.86904	0.34477	0.510744	-1.95793	0.322356	0.493699	-2.02553	0.081019	3.80271	3.80271	0.716002	1.28694	1.28694	2.01703	15.2286	6.71112	1
cg02257675	ZNF816A;ZNF816A	0.168081	0.296409	0.747302	-1.33725	0.0191755	0.467574	-2.1187	0.0562605	0.557207	-1.79466	0.357379	1.28905	1.28905	0.816833	0.939662	-1.06421	0.416515	1.2495	1.2495	0.850233	1.05201	1.05201	0.687693	0.89727	-1.11449	0.233065	0.715047	-1.39851	2.01702	2.29859	1.01298	1
cg18378677	ZNF611;ZNF611;ZNF611	0.168081	0.15742	1.37097	1.37097	0.124115	1.75391	1.25395	0.833408	0.78355	-1.27609	0.0133184	0.58268	-1.71643	0.0134742	0.70475	-1.41956	0.386606	1.1921	1.1921	0.476754	0.839	1.19021	1.19021	0.756572	1.12496	1.12496	0.261741	1.26076	1.26076	2.01702	2.15253	0.551884	1
cg14073722	CA10;CA10;CA10;CA10	0.168089	0.87234	1.03265	1.03265	0.208202	1.3035	1.3035	0.240917	1.27793	1.27793	0.511921	1.14211	1.14211	0.927804	1.01827	1.01827	0.920005	1.02027	1.02027	0.00844394	0.510777	-1.9578	0.96201	0.99053	-1.00956	0.582206	1.11739	1.11739	2.01697	1.2747	0.561767	1
cg00431114	TTYH1;TTPAL	0.168091	0.1347506	0.477204	-2.09524	0.0233131	0.525233	-1.92125	0.0672705	0.565508	-1.76955	0.30565	0.810964	1.2351	0.1511	1.2351	1.2351	0.0425509	0.324717	-3.08057	0.0124966	0.242645	-4.12066	0.0	0.190805	1.42541	1.35061	0.0388594	0.214111	-4.67109	0.221709	0.444046	-2.25202	0.196196	12.1615	5.36045	1
cg00327437	ROR1;ROR1	0.168091	0.613781	1.13407	1.13407	0.843898	1.04994	1.04994	0.0103366	0.649397	-1.62269	0.0926021	0.03071	1.03071	0.162186	1.4462	1.4462	0.228354	1.36692	1.36692	0.947754	0.98393	-1.01633	0.479303	1.19458	1.19458	0.0130411	0.880589	-1.1356	2.01696	1.95228	0.860385	1
cg11074933	GABRB3;GABRB3	0.168091	0.286456	1.97727	1.97727	0.0241858	5.23431	5.23431	0.611903	1.3704	1.3704	0.651516	1.32315	1.32315	0.143002	2.63656	2.63656	0.265955	2.04192	2.04192	0.0239379	5.25522	5.25522	0.0975925	3.06322	3.06322	0.172456	2.44566	2.44566	2.01696	12.1161	5.33965	1
cg17537002	SELG;PR113	0.168093	0.158353	0.477833	-2.09353	0.0393429	0.725425	-1.37944	0.322008	0.634193	-1.57705	0.14133	0.543153	-1.84097	0.0258607	0.388577	-2.57384	0.0494482	0.331824	-3.01364	0.0493897	0.988976	-1.01036	0.0703129	0.699512	2.69951	0.244132	1.80641	1.80641	2.01695	7.61072	2.80073	1
cg00983637	AIM1L	0.168092	0.285423	0.544743	-1.83573	0.817554	0.881161	-1.13487	0.815957	0.878917	-1.13776	0.420788	0.637441	-1.56877	0.0183787	0.417969	-2.39252	0.612185	0.75586	-1.323	0.483662	0.677245	1.46707	0.0113766	0.5667	5.6667	0.707837	1.2289	1.2289	2.01695	0.57536	4.21994	1
cg25739798	GFOD1;C1orf114;GFOD1	0.168092	0.0202102	0.439554	-2.27509	0.0241115	0.56209	-1.78009	0.0335464	0.53184	-1.88068	0.0124854	0.53033	-1.88602	0.0124854	0.422253	-2.36842	0.0	1.22082	1.22082	0.472973	1.2939	1.2939	0.0	0.997886	1.06568	-1.05356	0.0178864	0.923192	0.923192	2.01695	0.93241	0.0	1
cg17243540	PLOD1	0.168094	0.198072	0.490906	-2.03705	0.393038	0.632131	-1.58195	0.676467	1.24606	1.24606	0.429887	1.52561	1.52561	0.0537329	0.317207	-3.15251	0.048352	0.306498	-3.26267	0.0386817	0.285018	-3.50855	0.852933	0.907303	-1.10217	0.481588	0.687307	-1.45495	2.01694	8.77795	3.36854	1
cg02059635	TTC5	0.168095	0.154265	0.769798	-1.29904	0.123302	1.51161	1.51161	0.741867	0.705188	1.05798	0.147554	0.765879	1.30595	0.0102092	1.42516	1.42516	0.836247	0.965222	-1.03596	0.849397	0.98809	-1.01206	0.0701229	0.699552	2.69951	0.244132	1.80641	1.80641	2.01693	0.94015	0.414137	1
cg00568614	MGAT5B;MGAT5B	0.168098	0.112748	0.548948	-1.82245	0.0470203	0.421065	-2.41065	0.0160424	0.444387	0.44387	0.0593021	0.19391	-5.15199	0.0349884	0.34731	-2.88005	0.522305	1.17879	1.17879	0.88285	0.963288	-1.03811	0.0131292	0.18189	2.18189	0.0126916	1.36536	1.36536	2.01692	2.05543	0.903863	1
cg14639822	ABO	0.168103	0.657113	0.880233	-1.13606	0.0182367	2.26664	2.26664	0.033384	2.03377	2.03377	0.61239	1.15707	1.15707	0.569248	0.848528	-1.17851	0.70703	0.897796	-1.11384	0.243062	1.43738	1.43738	0.43651	1.2544	1.2544	0.330709	1.33188	1.33188	2.01689	2.60443	1.14783	1
cg19864851	SEC24C;SEC24C	0.168107	0.756017	0.946798	-1.05623	0.0230399	1.27261	1.27261	0.1543	1.24232	1.24232	0.171283	1.47083	1.4701009	0.0	1.16274	1.16274	0.0	1.16491	1.16491	0.744501	1.16491	1.16491	0.744501	1.16491	1.16491	0.744501	1.16491	1.16491	2.01689	2.60443	1.14783	1
cg09701582	HOXD4	0.168114	0.0533405	0.744042	0.744042	0.715344	0.715414	-1.39779	0.426071	2.10252	2.10252	0.663127	0.672563	-1.48685	0.0674597	0.51055	6.51055	0.844179	0.835326	-1.19714	0.021697	12.4278	12.4278	0.789131	0.782632	-1.27774	0.432002	0.28185	0.28185	2.01682	26.7051	11.7699	1
cg16410649	NDOR1;NDOR1;NDOR1;NDOR1	0.168147	0.184877	0.587737	-1.70134	0.186606	0.949144	-1.69737	0.314627	0.675077	-1.48131	0.127875	0.536834	-1.86277	0.0224824	0.555945	-1.80494	0.269247	0.467992	-2.13704	0.214831	1.63795	1.63795	0.612996	0.79104	1.1405	1.1405	0.256096	0.638907	-1.56517	2.01682	4.56171	2.01052	1
cg20385023	HEATR2	0.168115	0.187313	0.734638	-1.36193	0.0997843	0.554828	-1.80236	0.407289	0.857275	-1.16649	0.880616	0.975394	1.0255	0.901281	1.09743	1.09743	1.00428	1.00428	0.768992	1.05477	1.05477	0.228376	1.22575	1.22575	0.343091	1.13945	1.13945	0.880987	0.973238	1.00716	0.716523	1
cg25051278	CFLAR;CFLAR;CFLAR	0.168115	0.200654	1.61204	1.61204	0.36746	1.38689	1.38689	0.0162669	2.8137	2.8137	0.127792	1.78901	1.78901	0.0103034	2.45739	2.45739	0.446633	1.31526	1.31526	0.883997	1.05293	1.05293	0.903886	1.0436	1.0436	0.818588	0.922045	1.08455	2.01682	3.98637	1.75694	1
cg11966432	DLGAP2	0.168116	0.0565756	0.3708	-2.69698	0.224115	1.39315	1.39315	0.232557	0.718263	1.63893	0.228839	1.42423	1.42423	0.19327	0.703	-1.42239	0.426392	2.68863	2.68863	0.0171733	2.68863	2.68863	0.0171733	1.69619	1.69619	0.364052	0.791604	-1.26326	0.500743	1.23685	1.23685	2.01675	0.965123	1
cg23409476	BAG4;LSM1;BAG4	0.168119	0.0215314	0.692747	-1.44353	0.553038	1.08306	1.08306	0.249093	1.17372	1.17372	0.128399	0.803704	-1.24424	0.707016	1.05149	1.05149	0.402814	0.8924	-1.12057	0.508411	1.0933	1.0933	0.934801	1.01094	1.01094	0.189823	1.20279	1.20279	2.01679	0.56472	0.248897	1
cg04021962	ANO9;ANO9	0.168121	0.587389	1.6406	1.6406	0.307386	2.5994	2.5994	0.0702798	2.62961	2.62961	0.0593181	6.85327	6.85327	0.0136161	2.35853	2.35853	0.842215	0.69223	-1.44457	0.313347	2.37059	2.37059	0.0263392	10.8682	10.8682	0.0103878	26.1084	26.1084	2.01677	11.507	5	1
cg27612665	SEMA7A;SEMA7A;SEMA7A	0.168128	0.473683	1.44599	1.44596	0.0189703	4.21065	4.21065	0.0160423	4.44387	4.44387	0.593021	1.31392	1.31392	0.769138	1.1606	1.1606	0.473876	1.44572	1.44572	0.434705	1.49684	1.49684	0.919797	0.950309	-1.05229	0.599199	0.76462	-1.30784	2.01674	8.17997	3.60537	1
cg10065739	SRL	0.168129	0.941095	1.05641	1.05641	0.0213607	0.128237	-7.79808	0.105702	0.269177	-3.71502	0.677291	1.3645	1.3645	0.0778993	0.233436	-4.28382	0.481717	0.588	-1.70068	0.489073	0.593411	-1.68517	0.255882	2.41273	2.41273	0.76078	1.25453	1.25453	2.01673	17.6135	7.7633	1
cg24929200	TMEFF2 SEMA6D;SEMA6D;SEMA6D;SEMA6D;SE	0.168129	0.257302	0.614993	-1.62545	0.18017	0.183117	-5.46311	0.0313071	0.167364	-5.97384	0.144164	0.123767	-8.07934	0.0	1.16726	1.16726	0.0	1.18976	1.18976	0.144244	1.18976	1.18976	0.144244	1.18976	1.18976	0.144244	1.18976	1.18976	2.01672	1.90581	0.417063	1.90581	0.417063	1
cg06235645	MAGI3;SEMA6D	0.168135	0.239406	1.38643	1.38643	0.0876319	0.606515	-1.64876	0.083997	0.608532	-1.6433	0.386803	1.26525	1.26525	0.77604	0.927683	-1.07796	0.141362	1.52114	1.52114	0.324651	1.30964	1.30964	0.150815	0.664749	-1.50433	0.0873603	0.937364	-1.06682	2.0167	2.2465	0.990177	1
cg14061423	ATRX;ATRX	0.168136	0.0316093	0.124054	-8.06099	0.434968	1.91414	1.91414	0.749852	0.767282	-1.3033	0.134747	3.80133	3.80133	0.197595	0.323727	-3.08903	0.0549591	0.164921	-6.06351	0.911618	0.91215	-1.09631	0.676339	0.706326	-1.41578	0.996091	1.00406	1.00406	2.01669	21.9043	9.65466	1
cg09867002	ADARB2	0.168139	0.676285	1.32663	1.32663	0.191345	2.53743	2.53743	0.126357	3.04389	3.04389	0.604622	1.42131	1.42131	0.0156358	0.136031	-7.35128	0.726651	1.26648	1.26648	0.22792	2.34408	2.34408	0.06788	1.30027	1.30027	0.592079	1.43918	1.43918	2.01667	14.4709	6.37833	1
cg20951457	PPP1R14D;PPP1R14D	0.168141	0.389707	0.809126	-1.23564	0.484931	0.969335	-1.03163	0.842009	0.870981	-1.14835	0.0488373	-1.4495	0.694173	1.0116	1.0116	0.988452	1.22745	1.22027	0.819	1.22027	0.819	1.22027	0.819	1.43411	1.43411	0.697167	1.22957	1.22957	0.813307	1.43411	1.43411	0.697167	0.999438	-1.00056	2.01667	0.82804	0.353027	1
cg04596632	TMEM200B	0.168142	0.341076	0.86174	-1.16044	0.0308448	0.680746	-1.46898	0.039811	0.697346	-1.434	0.770942	0.956687	-1.04527	7	7	7	0.535003	0.909106	-1.09998	0.0894704	0.752771	-1.32842	0.945714	0.989725	-1.01038	0.482765	1.11427	1.11427	2.03074	0.657696	0.32387	1
cg04576798	TMEM168	0.168144	0.216062	0.744448	1.34298	0.424392	0.810409	-1.23395	0.0433607	0.8247	1.8247	0.616171	0.873735	-1.14479	0.262723	0.739157	-1.35289	0.353877	0.780376	-1.28161	0.0533503	0.784097	1.27494	0.0	1.36096	1.36096	0.364947	0.93052	1.12169	1.12169	2.01665	2.13982	0.943182	1
cg06315607	CLDN5;CLDN5;CLDN5	0.168146	0.136811	0.08382	0.608382	0.362405	2.62012	1.02012	0.233775	0.408156	0.408156	0.194174	4.6997	4.6997	0.0297422	2.0506	2.0506	0.161144	0.39831	-2.51033	0.355613	0.53852	5.53852	0.871304

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 117 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. 127 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. 121 vs. N)	p-value(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs.5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg08279189	TRIM27		0.168332	0.93994	0.970367	-1.03086	0.11832	0.504663	-1.98152	0.482044	0.749632	-1.33399	0.659958	0.19549	0.19549	0.211161	0.587846	-1.70113	0.0526721	0.411333	-2.43112	0.238263	1.64572	0.64572	0.07493446	2.22934	2.22934	0.953936	0.976972	-1.02357	2.01553	5.19192	2.28974	
cg00011578	PPP5C		0.168337	0.831573	0.973327	-1.0274	0.787269	1.03493	1.03493	0.0625056	1.30487	1.30487	0.817006	1.02986	1.02986	0.954291	1.16506	1.16506	0.252483	0.859221	-1.16385	0.0401683	0.7401	-1.35117	0.98699	1.00207	1.00207	0.147819	1.21786	1.21786	0.2055	0.514336	0.226836	
cg12242062	PRKAG2;PRKAG2		0.168339	0.468531	0.78807	-1.26892	0.0420972	2.13032	2.13032	0.167175	1.60887	1.60887	0.987089	1.00524	1.00524	0.738992	1.11403	1.11403	0.0542622	0.493927	-2.02459	0.31148	0.7148557	-1.39888	0.413512	1.30992	1.30992	0.423272	1.30228	1.30228	0.20549	0.32885	1.46812	
cg07022334	OGDH		0.168343	0.259583	0.812157	-1.23129	0.685851	0.930397	-1.07454	0.110545	0.729233	-1.36013	0.895294	0.976979	-1.02356	0.14488	1.3909	1.13909	0.1760127	0.694685	-1.09327	0.0400164	1.51796	1.51796	0.266198	0.81487	-1.22743	0.304313	1.20704	1.20704	0.15447	0.998706	0.440463	
cg05990072	RABEP2		0.168348	0.91009	0.975434	-1.02518	0.799502	1.05764	1.05764	0.845265	1.04396	1.04396	0.595171	1.12534	1.12534	0.383305	0.8213318	-1.21756	0.523765	1.15288	1.15288	0.00559722	0.448877	-2.22778	0.723605	0.924796	-1.08132	0.410115	1.20384	1.20384	0.15444	1.54751	0.682515	
cg22322535	ARNTL;ARNTL-ARNTL		0.168351	0.615229	0.837002	-1.19474	0.473606	1.09151	1.09151	0.695154	1.14824	1.14824	0.456206	0.76617	-1.30515	0.403247	1.35011	1.35011	0.0337636	0.28722	-3.48272	0.0903969	0.5194881	-1.92497	0.147372	0.579447	-1.72578	0.115551	1.43941	1.43941	0.21543	3.93228	1.7343	
cg08649286	KLHL29		0.168354	0.983941	0.983072	-1.01722	0.0139362	13.1498	13.1498	0.023497	9.52627	9.52627	0.694112	1.39833	1.39833	0.884955	0.884433	-1.13067	0.835567	0.838363	-1.1928	0.25995	2.7095	2.7095	0.384404	2.1308	2.1308	0.627548	1.513196	1.513196	0.0154	22.9666	10.1294	
cg05155006	TNXB		0.168355	0.0841322	0.55409	-1.79569	0.268444	0.691995	0.691995	0.0156604	0.405558	-2.47827	0.631701	0.862463	-1.16944	0.194025	0.657058	-1.51394	0.350823	0.745157	-1.342	0.34662	1.34567	1.34567	0.388287	0.782723	-1.31109	0.120143	0.596631	-1.67608	0.10539	2.99525	1.32105	
cg21346043	CA1;CA3		0.168358	0.995812	0.10399	1.00379	0.819887	1.17883	1.17883	0.887862	1.00759	1.00759	0.617936	0.992347	-2.54876	0.193672	0.9539617	-1.00579	0.407712	0.524249	-1.84213	0.60985	0.6489865	-1.44956	0.872653	0.890725	-1.12268	0.00636355	12.9604	12.9604	0.16108	0.61675	1.32612	
cg17458755	HCFC1		0.168359	0.86626	0.964295	-1.03703	0.083763	1.51103	1.51103	0.419752	1.19461	1.19461	0.884167	0.969044	-1.03194	0.0585673	0.630704	-1.58553	0.0433004	1.65099	1.65099	0.257122	1.2906	1.2906	0.64696	1.10458	1.10458	0.673693	0.912695	-1.09566	0.10537	1.4851	0.655011	
cg21872383	CCDC88C		0.168359	0.364395	0.891263	-1.12156	0.0933792	1.74627	1.74627	0.145945	1.25676	1.25676	0.940187	0.921484	-1.08525	0.0603792	0.5211587	-1.92003	0.8867776	0.965195	-1.03594	0.832075	1.30152	1.30152	0.251957	1.14957	1.14957	0.315217	1.41992	0.635242	0.876911	1.14007	0.70157	1.06366	
cg21845869	ARHGEF10		0.168367	0.388227	1.29168	1.29168	0.494582	0.109134	0.102132	0.029574	1.36863	1.36863	0.97167	1.01033	1.01033	0.709315	1.11447	1.11447	0.817788	0.933298	-1.07148	0.00690476	1.75564	1.75564	0.275118	1.00073	1.00073	0.168456	0.665124	1.535	1.535	0.15333	2.67367	1.17926	
cg15427754	MIAT;MIAT;MIAT;MIAT		0.168368	0.128752	0.768698	-1.3009	0.178593	2.51733	2.51733	0.25393	1.47315	1.47315	0.478401	1.12041	1.12041	0.324942	1.17734	1.17734	0.608994	0.920559	-1.08618	0.0479375	0.8904477	-1.1223	0.114413	1.3167	1.3167	0.779071	0.955937	-1.04609	0.0450277	0.691734	-1.44564	0.21532	0.819496	0.636452	
cg11063328	GTF2H1;HP35;HP5S;HP5S;GTF2H1		0.168368	0.0794415	0.679548	-1.47157	0.680201	1.08572	1.08572	0.712872	0.92928	-1.0761	0.116049	0.712531	-1.40345	0.0602599	0.656714	-1.52273	0.0188136	0.568501	-1.75901	0.223141	0.77569	-1.28918	0.773048	0.944236	-1.05906	0.406964	0.845075	-1.18333	0.21532	1.25681	0.554337	
cg02373484	GTF2H1;HP35;HP5S;HP5S;GTF2H1 OG;MOG;MOG;MOG;MOG ZDHHC16;ZDHHC16;EXOSC1;ZDHHC16;		0.168372	0.994285	0.996494	-1.00352	0.49036	0.70926	-1.40992	0.706358	1.20392	1.20392	0.38147	0.643948	-1.55282	0.582524	0.76169	-1.31287	0.898624	0.939417	-1.06449	0.00448946	0.15605	-6.4082	0.158704	0.477732	-2.09322	0.640825	0.794223	-1.25909	0.1553	7.67377	3.38468	
cg06655560	ZDHHC16;ZDHHC16		0.168373	0.551811	1.06351	1.06351	0.249855	1.13088	1.13088	0.111142	1.19423	1.19423	0.172476	1.16011	1.16011	0.434028	0.9216	-1.08507	0.328752	1.1086	1.1086	0.026096	0.763373	-1.30998	0.794729	0.973685	-1.02703	0.762139	1.03153	1.03153	0.21529	0.333875	0.147263	
cg03142364	OR10H2		0.168376	0.590806	0.940622	-1.06313	0.663601	1.05059	1.05059	0.600746	0.942187	-1.06136	0.967859	1.00455	1.00455	0.0756054	1.24989	1.24989	0.332786	1.11927	1.11927	0.041453	1.30377	1.30377	0.0729144	0.798033	-1.25308	0.363351	1.11111	1.11111	0.21527	0.405958	0.179058	
cg17626734	C6orf191		0.168376	0.0559658	0.223074	-4.48282	0.214591	0.404411	-2.47273	0.90666	0.921936	-1.08467	0.384001	0.538732	-1.85621	0.0722581	0.290455	-4.01517	0.234152	0.421375	-2.37318	0.0411143	0.1953551	-5.11899	0.0340944	0.180208	-5.54916	0.265886	0.447824	-2.23302	0.21527	15.3255	6.75973	
cg22808025	LOC283050;LOC283050;LOC283050		0.168376	0.124541	0.44024	-2.27106	0.0188886	0.222216	-4.50012	0.0614134	0.331449	0.10668	0.136367	0.591949	-1.68953	0.0731353	0.7980803	-1.2533	0.112382	0.400808	-2.49496	0.0605905	0.1326042	-7.54035	0.0295957	0.536048	-1.86342	0.731523	0.833454	-1.19983	0.21527	8.93036	3.93897	
cg12637869	ILDR1		0.168377	0.278665	0.6264	0.6264	0.414628	0.67766	0.67766	0.737535	1.31056	1.31056	0.507623	0.926783	0.926783	-0.00308	0.307777	0.601165	0.601165	0.659976	0.20848	0.20848	0.527541	2.89959	2.89959	0.0234109	120.882	120.882	0.0706131	32.6247	32.6247	0.26447	92.8459	27.5531	
cg13149996	EIF4G3		0.168378	0.728635	0.891396	-1.07066	0.147526	1.37315	1.37315	0.188318	0.75243	-1.32915	0.235238	0.812789	-1.23053	0.790538	0.654666	-1.52756	0.0164606	0.854964	-1.16982	0.353822	1.35382	1.35382	0.0528355	1.56688	1.56688	0.0710706	1.49945	1.49945	0.985246	0.996234	1.40078	0.564189	
cg21134601	ATP13A3		0.168378	0.217025	0.707142	-1.41414	0.0157214	2.20283	2.20283	0.201533	1.43308	1.43308	0.916909	0.972543	-1.02823	0.671711	1.12045	1.12045	0.610605	0.871964	-1.14684	0.409191	0.7983662	-1.25256	0.941467	1.01978	1.01978	0.191108	0.691228	-1.4467	0.21526	2.27172	1.00201	
cg24679714	MUC21		0.168381	0.0884112	0.51231	0.512231	0.0122012	1.98806	1.98806	0.268011	1.28901	1.28901	0.931776	0.981336	-1.01902	0.31140	0.794219	-1.2591	0.866405	0.96363	-1.03774	0.701895	1.10073	1.10073	0.684956	0.816456	0.665124	1.535	1.535	0.15333	2.67367	1.17926	
cg08727722	TMEM145;TMEM154		0.168382	0.559563	0.753215	-1.32795	0.0121636	2.44444	2.44444	0.0144679	2.01703	2.01703	0.377922	0.68001	-1.46987	0.0213692	0.5021587	-1.99203	0.3393167	0.710277	-1.40851	0.176047	1.18139	1.18139	0.560596	1.12591	1.12591	0.589114	1.24147	1.24147	0.15424	5.0216	2.21495	
cg19356022	SHC1;SHC1;SHC1;SHC1		0.168385	0.0852531	0.302474	-3.30607	0.803003	0.1701	1.1701	0.550491	0.684121	-1.46173	0.283934	0.496785	-2.01294	0.0897782	0.308706	-3.23933	0.310979	0.517474	-1.93246	0.0123122	0.141002	-7.09209	0.188592	0.459863	-2.17455	0.0416673	-2.39996	0.168562	0.397709	-2.5144	0.15522	12.6059	5.56032	
cg17960442	CAMK4		0.168386	0.151698	0.782593	-1.2779	0.489131	1.18567	1.1856	0.0615601	1.39485	1.39485	0.740078	0.992485	-1.00756	0.900993	1.02025	1.02025	0.176659	0.795141	-1.25704	0.0616496	1.29864	1.29864	0.0778355	1.19859	1.19859	0.0833886	1.17874	1.17874	0.448354	1.11891	1.11891	0.833937	0.552822	
cg00918944	LOC158376		0.168386	0.0808717	0.253667	-3.94217	0.0928090	1.00641	1.00641	0.43423	1.76022	1.76022	0.208605	0.930926	-1.07483	0.0954975	0.2215015	-4.51457	0.482566	0.603062	-1.65821	0.0448496	0.195598	-5.11252	0.505564	0.610581	-1.63199	0.0631399	0.227381	0.4979	0.15121	16.0276	7.06962	
cg11987759	GUSB		0.168386	0.790363	1.23291	1.23291	0.218588	2.7646	2.7646	0.0544037	5.55791	5.55791	0.792922	1.22968	1.22968	0.694213	0.733077	-1.36411	0.0633715	0.193845	-5.15875	0.0964165	0.238248	-4.19731	0.74659	1.29019	1.29019	0.369747	0.484872	-2.0624	0.15121	19.71	8.6939	
cg03129172	TNFRSF1B		0.168388	0.64648	1.24131	1.24131	0.157984	1.97134	1.97134	0.197134	1.97134	1.97134	0.48508	1.39386	1.39386	0.0715	0.5241556	-1.90743	0.887784	1.00719	1.00719	0.924653	1.43015	1.43015	0.129725	2.15155	2.15155	0.0882939	2.41164	2.41164	0.0152	6.99274	2.84944	
cg05208416	LOC100130872;LOC100130872-SPON2		0.168388	0.615683	0.806757	-1.23953	0.0959894	0.464974	-2.15066	0.152661	0.522097	-1.91535	0.272152	0.615726	-1.6241	0.0168133	0.290125	-3.44679	0.0565146	0.40012	-2.49925	0.102485	0.468557	-2.13421	0.858456	0.92706	-1.07868	0.231522	0.587182	-1.70305	0.1552	5.74499	2.53407	
cg07099000	TBCD		0.168389	0.320772	0.811944	-1.23161	0.563336	0.88757	-1.12667	0.0272646	0.58829	-1.69984	0.803974	0.950752	-1.0518	0.0990091	0.692688	-1.44365	0.0256104	0.10982	1.01982	0.0553232	1.55445	1.55445	0.993475	0.998341	-1.00166	0.862855	0.965499	-1.03573	0.21519	1.31616	0.580552	
cg11303749	HIST1H4B		0.168395	0.555602	0.88011	-1.13622	0.69155	1.08919	1.08919	0.265071	1.28251	1.28251	0.513136	0.720563	-1.3878	0.34453	0.811737	-1.23193	0.67197	0.912795	-1.09554	0.0408348	0.600956	-1.65822	0.355091	1.22605	1.22605	0.0844831	1.50504	1.50504	0.20516	1.46469	0.646075	
cg22252424	HCR1P2		0.168396	0.657021	0.849159	-1.17789	0.4107	1.03475	1.03475	0.731373	1.37315	1.37315	0.188319	0.75243	-1.32915	0.235238	0.8127389	-1.23053	0.7958838	0.95456	-1.04756	0.516656	1.01	1.01	0.964872	1.14257	1.14257	0.0513274	1.16526	1.16526	0.15155	1.49945	1.49945	0.985246	0.996234	1.40078	0.564189	
cg13634681	TLN2		0.168397	0.0620444	0.43751	-2.28566	0.10295	0.495628	-2.01764	0.0123743	0.293704	-3.40479	0.226513	0.606753	-1.64812	0.183709	0.574106	-1.74184	0.610605	0.871964	-1.14684	0.409191	0.7983662	-1.25256	0.941467	1.01978	1.01978	0.191108	0.691228	-1.4467	0.21526	2.27172	1.00201	
cg07479337	KIF5C;KIF3;KIF3C		0.168398	0.890186	0.97364	-1.02705	0.618264	0.93227	-1.0728	0.0932202	0.650987	-1.53552	0.450987	0.621736	-1.60907	0.16073	0.307453	-3.25211	0.128862	0.747662	-1.33756	0.0468362	0.3734	-2.67915	0.0886403	0.708379	-1.41167	0.0884359	1.04664	1.04664	0.34637	1.15299	0.725114	0.108389	0.3682	
cg14416047	CDC14B;CDC14B;CDC14B		0.168403	0.197024	0.828728	-1.20667	0.171384	0.818252	-1.22212	0.289592	1.16347	1.16347	0.239464	0.843933	-1.18493	0.0923545	0.4195452	-2.38401	0.740431	1.35026	1.35026	0.0148726	0.34082	-2.93447	0.0768004	0.533636	-1.87453	0.0170847	0.533636	-1.87453	0.0170847	0.533636	-1.87453	0.0170847

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg05685021	LPP	0.168628	0.303005	0.675541	-1.61906	0.792276	0.886216	-1.12839	0.357928	1.54137	1.54137	0.872419	0.929089	-1.07632	0.04576501	0.35061	-2.85217	0.105421	0.445039	-2.24699	0.0320526	0.318225	-1.14243	0.18492	0.5325453	-1.90312	0.171226	0.513382	-1.04787	2.03178	6.68025	2.94868	1
cg26135134	IGF1R	0.168629	0.651828	0.915847	-1.09189	2.121958	1.38324	1.38324	0.0212749	0.585228	-1.70874	0.593927	0.901095	-1.10976	0.9312067	0.983444	-1.01683	0.726024	1.07046	1.07046	0.0882063	1.454653	1.454653	0.9312067	1.454653	0.9312067	1.454653	0.9312067	1.454653	1.07046	1.07046	1.19453	0.527268	1
cg15206834	NUDT12	0.168629	0.234968	0.47053	-2.12526	0.023553	5.14385	5.14385	0.542946	0.688704	-1.452	0.745452	1.21809	1.21809	0.983991	1.01228	1.01228	0.260405	0.491187	-2.03588	0.2003183	0.4463296	-2.25583	0.09519913	0.32944	-3.03545	0.9643115	0.973269	-1.02747	2.01377	11.6981	5.16358	1
cg16919971	TFDP1;TFDP1	0.168683	0.671682	1.21953	2.123953	0.129957	0.462659	-2.16154	0.590141	0.776357	-1.28807	0.947875	0.970022	-1.0309	0.009742948	0.218285	-4.58097	0.150054	0.487945	-2.04941	0.8084648	0.893184	-1.11957	0.372032	1.532241	1.532241	0.404014	0.67199	-1.48812	2.01377	6.912	3.05099	1
cg07163811	CPSF4;PTCD1;CPSF4	0.168637	0.103111	1.94276	1.94276	0.0880717	0.496403	-2.01595	0.976354	1.0111	1.0111	0.199112	0.603279	-1.65761	0.547801	1.25426	1.25426	0.30097	0.67086	-1.49062	0.391532	1.38678	1.38678	0.0911692	0.5000071	-1.99972	0.179273	0.587806	-1.70124	2.01373	4.42465	1.95311	1
cg12029639	MIR548F5;NBEA;MAB21L1	0.168639	0.0824525	0.226328	-4.25141	0.406297	0.529203	-1.88964	0.582307	1.51693	1.51693	0.721195	0.764357	-1.30829	0.09221068	0.248965	-4.01662	0.194104	0.356915	-2.80178	0.0223447	0.132102	-7.56992	0.08864498	0.2444518	-4.08967	0.173056	0.33714	-2.96613	2.01372	17.9356	7.91708	1
cg27576271	C12orf74	0.168639	0.77124	0.951487	-1.05099	0.552262	0.902519	-1.10801	0.27753	0.824792	-1.21243	0.213617	0.799814	-1.25029	0.365285	0.853277	-1.17195	0.164807	0.776647	-1.28759	0.0438517	0.148459	1.48459	0.0905528	1.3745	1.3745	0.78673	1.04734	1.04734	0.31272	0.927914	0.409597	1
cg09596337	NCKAP5;NCKAP5	0.168644	0.0575232	0.496068	-2.01982	0.174595	0.741575	-1.34648	0.0882039	1.06029	1.06029	0.915506	1.05519	1.05519	0.163805	0.616232	-1.62237	0.0599006	0.508658	1.99737	0.124334	0.585596	-1.71941	0.04127159	0.465104	-2.14913	0.613194	1.18194	1.18194	0.31669	3.38711	1.49523	1
cg04846432	MASP1;MASP1;MASP1	0.168644	0.925996	0.967426	-1.03367	0.142777	0.570357	-1.75329	0.226609	0.636009	-1.57231	0.0301477	0.402978	-2.48153	0.048513	0.977243	-1.02329	0.631778	1.18781	1.13124	0.540937	-1.84864	0.0718323	0.488509	-2.04704	0.0748592	0.493104	-2.02834	2.01369	4.05235	1.7888	1
cg25253217	PIR24	0.168649	0.623655	0.758695	-1.35374	0.24193	0.472333	-2.11716	0.293405	0.513001	-1.94931	0.199987	0.436424	-2.29135	0.863039	0.899657	-1.11153	0.207187	0.44281	-2.2583	0.897505	1.08212	1.08212	0.58373	1.40338	1.40338	0.0161301	0.66691	0.66691	0.31666	11.9611	5.27999	1
cg05005308	KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.168652	0.136183	0.455567	2.195024	0.108579	0.80515	-1.12722	0.0738461	0.372357	-2.682	0.0944052	0.744948	-1.34255	0.111324	0.407475	-2.4533	0.59259	1.71004	1.71004	0.0683683	0.3316606	3.014256	0.2092187	0.4242246	2.356	0.0424557	0.724297	0.839164	1.71853	1.71853	0.45136	1	
cg12198913	TSPYL31;TP53I11	0.168652	0.999429	1.00009	1.00009	0.835484	0.12759	-1.02759	0.306834	1.1485	1.1485	0.493262	1.11033	1.11033	0.349844	0.881661	-1.13422	0.444431	1.10742	1.10742	0.0999203	0.6529511	-1.5316	0.539957	0.922004	-1.08459	0.231087	0.848396	-1.17869	0.31364	0.546256	0.241135	1
cg18221102	OZZ4	0.168655	0.0562836	0.179758	-5.56304	0.179325	0.319023	-3.1458	0.886549	0.803875	-1.1088	0.174451	0.317621	-3.1484	0.0488238	0.167388	-5.96202	0.444447	0.53851	-1.85908	0.119971	0.2620337	-3.81626	0.0308174	0.119527	-7.4891	0.151369	0.295064	-3.38909	2.01362	20.1025	8.87401	1
cg24545100	LINGO4;RORC;RORC	0.168660	0.0760124	0.536516	-1.86388	0.060454	1.94965	1.94965	0.294037	0.709476	-1.40949	0.809059	1.07933	1.07933	0.05727755	0.507515	1.97039	0.496025	0.804142	-1.24356	0.980719	1.00765	1.00765	0.9344505	1.35943	1.35943	0.981828	1.00721	1.00721	0.20359	3.17155	1.40006	1
cg22561384	KIF13B	0.168666	0.116456	0.34278	3.42478	0.588441	1.48264	1.48264	0.542685	1.56002	1.56002	0.19228	2.70743	2.70743	0.107434	1.77217	1.77217	0.162246	0.29538	2.93538	0.0242406	0.64893	0.64893	0.0466875	0.17429	5.17429	0.0488227	0.508098	0.508098	0.21356	16.6088	7.33203	1
cg22582025	C9orf123	0.168667	0.413712	0.858995	-1.16496	0.337734	0.834777	-1.19792	0.893798	1.02471	1.02471	0.888064	0.994093	-1.00607	0.421153	1.16203	1.16203	0.197047	0.392554	-2.54871	0.2159962	0.5116599	-1.95453	0.259323	0.8806515	-1.2399	0.338526	1.197555	1.197555	0.21055	1.106483	0.470073	1
cg08314021	TSPO;TSPO	0.168673	0.799442	1.17369	1.17369	0.115976	0.929317	1.92917	0.248981	0.213403	2.13403	0.925885	0.94315	-1.06028	0.02677515	0.191925	-5.21037	0.919792	0.938605	-1.06541	0.0659526	0.2789593	-3.58476	0.80675	0.857123	-1.16669	0.972117	1.02223	1.02223	0.31952	12.6195	5.571	1
cg08443480	CLEC4G	0.168673	0.149733	2.17227	2.17227	0.198877	1.98445	1.98445	0.618083	1.48418	1.48418	0.724574	0.83715	-1.19447	0.1659	0.476063	-2.10056	0.108174	0.414623	2.41183	0.73917	0.8454842	-1.18275	0.123476	2.33028	2.33028	0.130953	0.268668	0.268668	0.21952	8.04641	3.55217	1
cg13727645	PCDH24	0.168675	0.1650807	0.716926	1.394956	0.337734	0.834777	-1.19792	0.893798	1.02471	1.02471	0.888064	0.994093	-1.00607	0.421153	1.16203	1.16203	0.408091	1.74311	1.74311	0.187017	1.36922	1.36922	0.824655	1.05112	1.05112	0.583068	0.882289	1.13264	2.0135	1.60989	0.71071	1
cg13107169	N4BP2	0.168679	0.213372	0.817526	-1.2232	0.340207	1.16315	1.16315	0.0197093	0.648516	-1.54198	0.313621	0.85194	-1.17379	0.744837	0.951028	-1.05149	0.555207	1.09609	1.09609	0.224525	1.21673	1.21673	0.151397	0.7895	-1.26663	0.493066	0.898497	-1.11297	0.31949	0.753388	0.332814	1
cg09798924	SBK1;SBK1	0.168679	0.239141	1.35021	1.35021	0.229973	1.19339	1.19339	0.664876	0.838355	1.19255	0.669072	1.16692	1.16692	0.94659	1.02434	1.02434	0.802548	0.919374	-1.0947	0.393027	0.7304151	-1.36909	0.0073284	0.7508806	-1.33153	0.623714	1.19426	1.19426	0.21048	4.13055	1.81468	1
cg20661391	STK39	0.168681	0.462071	1.19184	1.19384	0.794581	1.0637	1.0637	0.328153	1.2698	1.2698	0.667658	1.10763	1.10763	0.0870898	0.446215	-2.24107	0.470025	1.18997	1.18997	0.272913	1.31002	1.31002	0.847333	0.955411	-1.04667	0.954374	0.983915	-1.01635	0.31947	1.78594	0.788442	1
cg09360094	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.168681	0.51155	0.76094	1.31403	0.750982	1.8635	1.8635	0.0239758	0.3326	-3.00726	0.0896901	0.740727	-1.35044	0.348891	0.877906	-1.42313	0.191739	0.732865	-1.36501	0.0769008	0.4321442	-2.31406	0.1981	0.7966812	-1.25547	0.0874995	0.551893	-1.81195	0.21328	0.85237	1.79995	0.728771	1
cg02960777	PHTF2;PHTF2;PHTF2	0.168685	0.195112	0.528847	-1.89091	0.642389	1.24283	1.24283	0.0583197	0.369876	-2.70361	0.521922	0.739532	-1.35221	0.720646	0.846261	-1.18167	0.92076	1.04734	1.04734	0.201563	0.534219	-1.87189	0.0284775	0.3263	3.3263	0.768152	0.8716	-1.14732	0.31944	0.891494	3.04241	1
cg26233866	ERI3	0.168691	0.680779	0.850726	-1.17547	0.100184	0.494643	-2.02166	0.405646	0.713132	-1.39444	0.251947	1.59635	1.59635	0.0250662	0.352893	-2.83372	0.686864	1.1716	1.1716	0.91212	1.04096	1.04096	0.123288	1.92022	1.92022	0.807357	0.908943	0.908943	1.10018	0.31941	4.87029	2.15016	1
cg22833807	EIF3D;EIF3D	0.168693	0.443363	1.28413	1.28413	0.0858447	1.05925	1.05925	0.0979703	1.19865	1.19865	0.611452	1.05246	1.05246	0.429731	0.758805	-1.31776	0.197305	0.827185	-1.20851	0.314268	0.7824108	-1.27805	0.1422	1.61274	1.61274	0.782166	1.0889	1.0889	1.02856	0.4038423	1.089	0.317661	0.140243	1
cg27385729	DDX6	0.168694	0.83941	1.13994	1.13994	0.388636	1.77284	1.77284	0.265054	2.11649	2.11649	0.231466	2.24823	2.24823	0.928156	1.05994	1.05994	0.93746	1.05196	1.05196	0.0326547	0.52114	0.52114	0.0142823	7.03161	7.03161	0.128252	2.89017	2.89017	0.31939	13.2862	5.86569	1
cg20801847	AUTS2;AUTS2;AUTS2	0.168695	0.372064	0.844536	-1.18409	0.828357	0.674953	-1.48151	0.551474	0.731132	-1.3944	0.688283	0.894934	-1.1174	0.3910242	0.737134	-1.35672	0.779328	0.718629	-1.39198	0.0990858	0.6108908	1.6371	0.0056551	1.94273	1.94273	0.514504	0.31939	0.31939	1.08396	0.4748556	1.16	0.512355	1
cg24089932	KIAA0284;KIAA0284	0.168696	0.0425206	0.582445	-1.71649	0.0908758	0.53886	1.53886	0.314255	1.27354	1.27354	0.255109	0.759602	-1.31648	0.1349397	0.695408	1.438	0.461684	1.18935	1.18935	0.76001	1.09166	1.09166	0.415304	0.824643	-1.21265	0.696215	1.09505	1.09505	0.31338	7.10773	0.753945	1
cg02483911	C17orf85;C17orf85	0.168699	0.71649	1.10454	1.10454	0.0160794	0.447928	-2.2325	0.0874463	0.59787	-1.67261	0.66376	1.12665	1.12665	0.551944	1.17829	1.17829	0.842467	1.05575	1.05575	0.638296	0.8788899	-1.13779	0.150065	1.52296	1.52296	0.968936	1.01067	1.01067	0.31337	2.37008	1.04638	1
cg15380607	TNFAIP3	0.168702	0.821253	1.02266	1.02266	0.0747595	0.741575	-1.34648	0.0882039	1.06029	1.06029	0.915506	1.05519	1.05519	0.163805	0.616232	-1.62237	0.536823	1.16388	1.16388	0.38649	0.987195	-1.01297	0.9634982	1.2295	1.2295	0.0272467	1.29529	1.29529	0.31335	1.912642	1.138311	1
cg19481596	SLC25A39;SLC25A39	0.168707	0.0593786	0.60727	1.60727	0.223748	0.75446	-1.32545	0.494807	0.860107	-1.16265	0.583773	1.12888	1.12888	0.53674	1.14817	1.14817	0.080615	1.53851	1.53851	0.0368649	1.7213	1.7213	0.731081	1.07844	1.07844	0.795514	0.944751	-1.05848	2.01949	1.56525	0.577114	1
cg13306942	TBC1D9;2	0.168708	0.8010356	1.04559	1.04559	0.0954291	0.839536	1.11855	0.0158071	0.820204	1.20398	0.0164895	0.802994	1.05445	0.5434508	0.888021	-1.12564	0.285197	1.10292	1.10292	0.0663996	0.4907225	-2.03844	0.1497	1.70712	1.70712	0.653778	0.931502	-1.07344	0.65549	0.9315	0.829556	0.4652442	1
cg16746737	UBE2D3;CSID2;UBE2D3	0.168709	0.820661	1.04434	1.04434	0.168926	1.32323	1.32323	0.15324	1.33942	1.33942	0.8263	0.958873	-1.04289	0.472212	1.14996	1.14996	0.409201	0.851045	-1.17503	0.0269185	0.6060706	-1.64996	0.15521	0.747775	-1.3373	0.477657	0.871137	-1.14793	0.31331	1.164629	0.514044	1
cg03602029	OLIG3;OLIG3	0.168714	0.0801944	0.326879	-3.05923	0.445022	0.618572	-1.56599	0.318404	0.552074	-1.81135	0.125735	0.385002	-2.59739	0.047445	0.270869	-3.69182	0.227489	0.481985	-2.07476	0.0868642	0.33644	-2.97229	0.192968	2.21155	2.21155	0.901666	0.931267	-1.07381	0.31328	10.582	4.67208	1
cg05336415	KNDC1	0.168714	0.2806573	1.7797	1.7797	0.0244499	0.538238	-1.85782	0.0425178	0.562066	-1.77883	0.0527706	0.39518	-2.53053	0.0119787	0.29126	-3.43205	0.2912	0.626204	-1.59665	0.0795123	0.4243312	-2.35706	0.0973125	0.74197	-1.34805	0.0424557	0.7599	-1.31595	0.31328	0.852337	1.799	0.728771	1
cg00953201	SLC7A1	0.168715	0.37647	0.403527	-2.47815	0.123037	0.37128	0.37128	0.0731195	0.37795	0.37795	0.537434	1.76379	1.76379	0.104587	0.16968	-5.89346	0.405929	0.24006	2.34006	0.120248	0.1854	-5.39373	0.9190337	1.10701	1.10701	0.435923	0.451682	-2.21395	0.31327	31.88	14.0755	1
cg00576730	MIR1207;PVT1	0.168717	0.472618	1.08975	1.08975	0.277017	1.14227	1.14227	0.0134131	1.43367	1.43367	0.772694	1.03466	1.03466	0.0502634	0.508332	1.9668	0.892127	0.784381	1.27483	0.0148178	0.4027246	2.48311	0.0004724	0.15424	6.48311	0.0004724	0.15424	6.48311	0.0004724	0.15424	6

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1123 vs. N)	Fold-Change(1123 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg24577193	ZZZ3	0.559906	0.62666	-1.60087	0.0363932	6.96942	6.96942	0.0244588	8.49646	8.49646	0.514216	0.589794	-1.69553	?	?	?	?	0.644368	1.44921	1.44921	0.519654	1.68369	1.68369	0.354846	2.13772	2.13772	0.299288	2.36	2.36	2.02613	18.173	8.96931	1
cg17652424	PLA2G6;PLA2G6 NNH1;RNH1;RNH1;RNH1;RNH1;R NH1	0.168912	0.577338	0.658295	-1.51908	0.00807862	0.0805082	-12.4211	0.0479239	0.186474	-5.36267	0.885151	0.898222	-1.11331	0.472563	0.58123	-1.72049	0.284309	0.43778	2.28424	0.318597	0.465086	-2.15014	0.647859	0.71069	-1.40708	0.71272	1.31608	1.31608	2.02111	17.5765	7.76477	1
cg03338584	NH1;RNH1	0.168912	0.125898	0.612482	-1.6327	0.771174	0.917292	-1.09017	0.684997	0.886276	-1.12832	?	?	?	0.0242631	0.451572	-2.21448	0.500385	0.816697	-1.22444	0.578439	0.846909	-1.18077	0.292685	1.38148	1.38148	0.155003	1.56914	1.56914	2.02608	2.4995	1.23366	1
cg20781235	TMEM119	0.168911	0.184167	0.595823	-1.67835	0.628602	0.445375	-2.2453	0.236718	0.634013	-1.57726	0.0597015	0.483904	-2.06653	0.32191	0.686514	-1.45663	0.63223	1.19391	1.19391	0.0755534	0.483292	-2.06914	0.0361408	0.408337	-2.44896	0.340563	0.696972	-1.43478	0.21241	4.30543	1.90202	1
cg17603502	HS3ST3B1	0.168919	0.988684	1.00496	1.00496	0.357112	0.71839	-1.392	0.0852457	0.154548	-1.94345	0.963014	0.16633	0.10633	0.59287	0.828221	-1.20741	0.476089	0.775429	-1.28755	0.0485659	0.455284	-2.19643	0.106803	0.61051	-1.63853	0.0876372	1.93171	1.93171	2.02107	3.88623	1.76586	1
cg24364223	RY82	0.168921	0.977532	1.01146	1.01146	0.260275	0.621832	-1.60815	0.959997	1.0205	1.0205	0.472726	0.744164	-1.34379	0.00498775	0.222329	-4.49783	0.509844	0.763001	-1.31061	0.426764	1.38863	1.38863	0.584558	0.799808	-1.2503	0.394471	0.70266	-1.42316	2.01206	5.21647	2.30454	1
cg16284168	MCM7;4PNM1;MCM7;MCM7	0.168924	0.302729	1.07711	1.30703	0.781297	0.918346	-1.08891	0.134461	1.45142	1.45142	0.092654	1.763181	1.763181	0.0175969	2.420618	2.420618	0.717092	0.894586	1.11924	0.976662	1.00822	1.00822	0.0498603	1.98298	1.98298	0.312149	1.37714	1.37714	2.01204	2.98594	1.31875	1
cg18048562	RTN4RL2	0.168927	0.70463	1.08087	1.08087	0.572093	1.5516	1.5516	0.769008	0.941642	-1.06197	0.602763	1.02527	1.02527	0.524658	0.876559	-1.14069	0.790348	1.05591	1.05591	0.493681	1.12543	1.12543	0.0123958	1.88811	1.88811	0.117362	1.41523	1.41523	2.01202	1.32855	0.586937	1
cg21815632	LRP1	0.168931	0.562105	1.16067	1.16067	0.548159	1.16704	1.16704	0.181593	1.434	1.434	0.834568	1.0546	1.0546	0.681094	0.900286	-1.11076	0.00778443	2.38351	2.38351	0.0692283	1.67653	1.67653	0.269503	1.33951	1.33951	0.685829	1.10891	1.10891	2.012	2.05903	0.909668	1
cg15757271	WNT5A	0.168935	0.797775	0.960927	0.960927	0.0847318	0.551484	-1.94764	0.512004	1.14517	1.14517	0.384599	1.085745	1.085745	0.0224114	2.500213	2.500213	0.509509	1.14615	1.14615	0.312894	1.003115	1.003115	0.0177374	1.31099	1.31099	0.459247	1.16605	1.16605	2.01198	1.32435	0.585099	1
cg11298724	AFF3;AFF3	0.168939	0.713452	1.14001	1.14001	0.0290299	2.49486	2.49486	0.041315	2.30748	2.30748	0.486186	1.28581	1.28581	0.588778	0.840189	-1.2404	0.185595	1.64654	1.64654	0.0478213	2.23421	2.23421	0.438744	1.32391	1.32391	0.846748	1.07116	1.07116	2.01195	4.02196	1.77692	1
cg16592769	IQCC;C16orf88	0.168941	0.325573	0.253976	-3.93737	0.128607	3.572	3.572	0.92312	1.8855	1.8855	0.564514	0.636681	-1.57065	0.232108	0.378548	-2.64167	0.339885	0.645819	-1.54859	0.0302264	0.138753	-7.20683	0.547917	0.624575	-1.60211	0.258895	0.39962	-2.50237	0.21594	16.346	8.45883	1
cg20773895	MAGIB1B	0.168942	0.782958	0.897225	-1.11455	0.113898	0.508014	-1.96845	0.0528515	0.421358	-2.37328	0.955025	0.978093	-1.0224	0.0208085	0.353299	-2.98241	0.139986	0.535987	-1.86572	0.785615	0.898453	-1.11302	0.852472	1.07585	1.07585	0.104168	0.407719	-2.00917	0.201193	4.91494	2.17146	1
cg19319607	ZNF717;ZNF174;ZNF434	0.16895	0.77132	0.956067	-1.04595	0.847222	0.970703	-1.03018	0.831495	1.03337	1.03337	0.653643	0.71332	-1.40189	0.981392	0.996411	-1.0036	0.445256	0.886956	-1.12745	0.00629223	0.588531	-1.70176	0.862035	1.02718	1.02718	0.863032	0.973541	-1.02718	0.21188	0.57725	0.334568	1
cg20427059	FAM160B1	0.168955	0.0200268	1.45589	1.45589	0.178381	0.825826	-1.21091	0.489481	1.10852	1.10852	0.764612	0.966021	-1.03511	0.0565602	1.3491	1.13405	0.759157	0.959678	-1.04202	0.975997	0.995981	-1.00403	0.914932	0.985981	-1.0144	0.289168	1.15865	1.15865	2.01186	0.570761	0.252177	1
cg07237996	TECPR1	0.168956	0.0589882	0.489742	-2.04189	0.891621	1.0458	1.0458	0.124012	1.75121	1.75121	0.255994	1.47999	1.47999	0.0636094	0.49683	-2.01276	0.72562	1.12277	1.12277	0.206971	0.643576	-1.55382	0.696206	1.13766	1.13766	0.709541	1.13086	1.13086	2.01786	3.5256	1.30091	1
cg13127898	LRRNC1	0.168956	0.0873092	0.685471	-1.45902	0.0694466	1.02652	1.02652	0.550234	0.877742	-1.13939	0.646023	0.905044	-1.10492	0.634574	0.901855	-1.10882	0.756464	0.935088	-1.06942	0.0225913	1.80332	1.80332	0.515968	1.15121	1.15121	0.104219	0.681672	-1.46688	2.01185	1.48304	0.655246	1
cg03739539	SCRT1	0.168959	0.86891	0.972115	-1.02866	0.653841	0.702143	-1.42421	0.0618027	0.696127	-1.43652	0.938403	0.913018	-1.10133	0.414504	0.876002	-1.14155	0.112371	1.14382	1.14382	0.244166	1.25747	1.25747	0.22219	0.80305	-1.24525	0.600965	0.913729	-1.09442	0.21183	0.931333	0.411491	1
cg00506189	SBF2	0.16896	0.668204	1.19511	1.19511	0.337009	0.664201	-1.50557	0.39704	0.69874	-1.43115	0.0756569	0.440704	-2.2691	0.0186515	0.307676	-3.25017	0.120913	0.498965	-2.00415	0.656317	0.83099	-1.20338	0.418132	1.40777	1.40777	0.570105	1.26775	1.26775	2.01183	5.44429	2.40546	1
cg16964249	MICAL2	0.168965	0.881155	1.03433	1.03433	0.179781	1.37909	1.37909	0.0535593	0.56022	-1.78504	0.0203	1.62033	1.62033	0.121718	1.259379	1.259379	0.0945139	0.754644	1.32556	0.0497291	0.254549	3.93928	0.0150662	1.10817	1.10817	0.295083	1.27757	1.27757	2.0118	1.62151	0.716442	1
cg14847134	SEMA4A	0.168965	0.269441	0.702994	-1.42249	0.758924	0.909987	-1.09892	0.0155571	0.402871	-2.48218	0.142054	0.616508	-1.62204	0.0331551	0.466205	-2.14498	0.226295	0.675723	-1.47596	0.12304	0.59932	-1.66856	0.375563	0.756792	-1.32137	0.29293	0.715818	1.397	2.01179	2.99177	1.32188	1
cg26374240	UMOD3	0.168967	0.305111	1.14756	1.47356	0.0725837	1.72782	1.72782	0.0135855	0.277382	-3.60725	0.0470882	1.13035	1.13035	0.0174087	2.823703	2.823703	0.0744264	0.454559	2.19941	0.0262664	0.454559	2.19941	0.0148852	1.66493	1.66493	0.0977	1.9577	1.9577	2.01178	4.24083	1.82619	1
cg27664685	CACNB4;CACNB4;CACNB4;CACNB4	0.168968	0.823259	1.10648	1.10648	0.126466	2.11225	2.11225	0.234648	1.75676	1.75676	0.0187294	3.62765	3.62765	0.677427	1.2083	1.2083	0.199117	0.541344	-1.84725	0.980179	0.988826	-1.0113	0.856979	0.921643	-1.08502	0.0999017	2.26031	2.26031	2.01178	6.51855	2.88017	1
cg22429121	AHDC1	0.168969	0.280313	1.42796	1.42796	0.114342	1.72493	1.72493	0.0057978	0.314957	3.14957	0.880861	0.955507	-1.04876	0.680837	1.1403	1.1403	0.953934	0.981829	-1.01851	0.692316	1.13457	1.13457	0.889369	0.95678	-1.04517	0.281823	1.42624	1.42624	2.01178	3.21066	1.41861	1
cg19323099	KCND1;ON	0.168977	0.21423	0.469307	-2.13101	0.0274334	2.07869	2.07869	0.0203	0.274597	-3.6447	0.127225	0.483769	-2.06853	0.0394124	0.274597	-3.64167	0.935202	1.04437	1.04437	0.7128	0.697958	-1.43258	0.669339	1.2624	1.2624	0.948721	0.965716	0.93554	0.737434	9.37344	4.14169	1
ch.17.31022708MLX;MLX;MLX		0.168978	0.464446	0.779143	-1.28346	0.0113254	0.344849	-2.89582	0.252231	0.669729	-1.49334	0.561575	0.821408	-1.21742	0.0969948	1.84146	1.84146	0.738536	0.893791	-1.11883	0.573329	0.825935	-1.21075	0.736225	1.11999	1.11999	0.857751	1.06198	1.06198	2.01172	3.57948	1.58161	1
cg12909465	FER1L5;FER1L5	0.168986	0.932506	0.982092	-1.07932	0.224339	0.893919	-1.14701	0.663882	1.13787	1.13787	0.614545	0.882104	-1.09167	0.947834	1.02223	-1.02223	0.057434	0.671348	-1.48954	0.539447	1.12231	1.12231	0.792858	1.22004	1.22004	0.109818	0.637584	-1.56842	2.01167	1.09882	0.485529	1
cg15803614	AES;AES;AES;AES	0.168988	0.105734	0.699593	-1.4294	0.103862	1.43267	1.43267	0.658667	1.09404	1.09404	0.0940201	0.689191	-1.45098	0.0737063	0.668268	-1.49641	0.672656	0.917671	-1.08971	0.467878	0.861223	-1.16114	0.108789	0.702149	-1.4242	0.675876	0.918504	-1.08873	0.21166	1.30223	0.575413	1
cg23848541	TBC1D10A	0.168995	0.162954	1.2221	1.2221	0.0265236	0.701752	-1.42501	0.101774	1.27283	1.27283	0.248937	0.850185	-1.17621	0.982694	1.00293	1.00293	0.748123	1.04435	1.04435	0.324386	0.871913	-1.1469	0.444036	0.900242	-1.11081	0.884365	0.980591	-1.01979	0.20162	0.577871	0.255348	1
cg07784872	KIAA0182;KIAA0182	0.168996	0.741204	1.08074	1.08074	0.251609	0.715107	-1.5189	0.0132593	0.151554	-1.95483	0.14318	0.276109	-1.97548	0.0160695	0.541568	-1.84568	0.608424	0.826833	-1.20955	0.0660995	0.554333	-1.80359	0.244054	0.655314	-1.52605	0.0443924	0.74222	-1.34752	0.0116551	0.174353	2.01163	0.802607	0.334555	1
cg25017194	TAPBPL	0.168997	0.508191	0.820391	-1.21893	0.153625	0.637258	-1.56922	0.137718	0.624102	-1.6023	0.945147	1.0205	1.0205	0.989703	1.00381	1.00381	0.116984	0.605166	-1.65244	0.120703	1.64275	1.64275	0.712096	1.11552	1.11552	0.0358	1.48655	1.48655	2.01162	2.05529	0.201661	1
cg16682110	ATP11A;ATP11A	0.169002	0.981312	1.00937	1.00937	0.0725837	0.772782	0.772782	0.0135855	0.644501	1.55401	0.374746	1.42216	1.42216	0.0709634	1.487547	1.42216	0.0744264	0.454559	2.19941	0.0262664	0.454559	2.19941	0.0148852	1.66644	1.66644	0.0977	1.96454	1.96454	2.01162	4.64708	2.16124	1
cg15035360	RER1	0.169002	0.212674	0.795813	-1.25658	0.8030324	1.04445	1.04445	0.0963218	1.374	1.374	0.590904	0.9099	-1.09902	0.38747	1.16665	1.16665	0.780396	0.95253	-1.04984	0.0230847	1.60441	1.60441	0.550367	0.900199	-1.11087	0.249209	0.810939	-1.23314	0.0158	0.9646505	0.426246	1
cg14621217	B3GNTL1	0.169003	0.0874299	0.204487	-4.89028	0.0283728	0.311435	-8.81753	0.0337771	0.124279	-8.04643	0.194715	0.315416	-3.17042	0.0734605	0.186585	-5.35948	0.330266	0.429506	-2.32825	0.247768	0.361865	-2.76346	0.179861	0.301728	-3.31425	0.36893	0.475803	-2.10171	0.201157	22.5445	9.9621	1
cg11007902	OGN4	0.169004	0.286513	1.49796	1.49796	0.0725837	1.83148	1.83148	0.0135855	0.277382	-3.60725	0.0470882	1.13035	1.13035	0.0174087	2.823703	2.823703	0.0744264	0.454559	2.19941	0.0262664	0.454559	2.19941	0.0148852	1.66493	1.66493	0.0977	1.9577	1.9577	2.01158	4.24083	1.82619	1
cg20834178	TBC1D14;TBC1D14	0.169005	0.128754	0.328784	-3.04151	0.1937312	0.393856	-2.539	0.0244836	0.1627	-6.1463	0.188356	0.388908	-2.5713	0.651704	1.36055	1.36055	0.911027	0.07868	1.07868	0.163621	0.365212	-2.73813	0.222347	2.38439	2.38439	0.412381	0.566736	-1.76449	0.21656	14.626	6.46308	1
cg26952928	SLC45A4	0.169006	0.0896268	0.176627	-5.66107	0.0256535	0.4432	0.0873843	0.144207	-2.90447	0.304437	-3.28557	0.583686	-1.71331	0.0593493	0.330047	-3.02917	0.120563	0.188311	-5.3855	0.127187	0.139398	-7.17451	0.0593447	0.154824	-6.46054	0.0801	0.2156	-4.63917	0.0478	-2.01801	0.21556	10.1659	4.40293	1
cg00143387	GGA2	0.169007	0.05006663	0.461519	-2.40085	0.483947	1.32161	1.32161	0.938914	1.0305	1.0305	0.249691	1.60252	1.60252	0.0183221	0.830834	1.0305	0.386007	0.705842	-1.41675	0.033017	0.376339	-2.65718	0.141691	0.538262	-1.85783	0.0751056	1.14483	1.14483	2.01155	1.85949	2.16328	1
cg20853880	KLF11	0.169011	0.0814615	7.29129	7.29129	0.0685736	8.17134	8.17134	0.346477	2.68012	2.68012	0.170909	4.43896	4.43896	0.456046	0.462709	-2.16119	0.500088	2.00278	2.00278	0.0778479	12.1278	12.1278	0.360158	2.60237	2.60237	0.054861	9.47205	9.47205	2.01075	33.4866	12.3583	1
cg16033618	HEXB	0.169012	0.1192212	0.0	0.0	0.158613	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.526333	0.746641	-1.33933	0.0249588	0.296977	-3.36726	0.556427	0.762838	-1.31088	0.354401	0.648188	0.527253	-1.89655	0.0759	0.291546	1
cg01053316	SNORD116-12	0.169013	0.260646	0.55398	-1.80512	0.107168	0.41259	-2.42371	0.0921803	0.254251	-3.93914	0.1305	0.1305	0.249691	1.60252	1.60252	0.0183221	0.267092	1.78969	1.78969	0.572763	0.75019	-1.33239	0.101213	0.26823	3.72822	0.0242652	0.556858	-1.79579	0.21151	0.807376	3.5678	1
cg07125243	ANGPT1	0.169018	0.240802	0.614208	-1.62869	0.0369	0.42093	-2.37484	0.0221	0.260669	-3.8361	0.0803	0.25808	-3.87412	0.0311284	0.254504	-3.93227	0.142124	0.344144	2.90548	0.0351177	0.135208	7.39662	0.0181715	0.604544	1.65377	0.0288	0.208453	4.79756	0.0115	0.184673	1.08451	0.0186456	9.37344	4.14169	1
cg08886880	ACCN2;ACCN2	0.16902	0.89111	0.961652	-1.03988	0.618372	0.864092	-1.15728	0.959872	0.985739	-1.01447	0.984545	1.49462	1.49462	0.859647	0.950728	-1.05183	0.634288	1.14661	1.14661	0.124341	1.60808	1.60808	0.015145	2.34405	2.34405	0.0609376	1.8276	1.8276	2.01147	2.59626	1.14731	1
cg20319826	SAMD7	0.169021	0.96054	1.04348	1.04348	0.102754	0.625615	1.67663	0.0495289	0.328451	-3.04497	0.0178563	0.329547	-3.03507	0.0178563	0.329547	-3.03507	0.655792	1.15247	1.15247	0.0613496	0.290829	-3.44264	0.0873	-1.0873	0.0719099	0.0243681	-4.09564	-2.40125	0.0119183	0.4236681	-2.36026	0.210147	1.09882	0.485529	1
cg14141741	ADAP1	0.169027	0.269567	0.660783	-1.51336	0.881303	0.947579	-1.05532	0.659071	0.852139	-1.17352	0.171541	0.591813	-1.68972	0.0449461	0.691813	-1.44563	0.29	0.821983	-1.21657	0.0132263	0.350656	-2.85139	0.0542429	0.654439	1.1733	-1.17073	0.507114	0.50114	-1.99365	0.20146	4.13719	1.82828	1
cg05935827	NGEF;NGEF	0.169024	0.307387	1.73627	1.73627	0.796492	0.873761	-1.14448	0.66656	1.25402	1.25402	0.65413	1.26552	1.26552	0.445524	1.50093	1.50093	0.114397	2.45139	2.45139	0.00955854	5.54897	5.54897	0.0532789	3.14715	3.14715	0.76925	1.16603	1.16603	2.01145	8.68627	3.8386	1
cg26376646	SHF	0.169025	0.741204	1.08074	1.08074	0.251609	0.715107	-1.5189	0.0132593	0.151554	-1.95483	0.14318	0.276109	-1.97548	0.0160695	0.541568	-1.84568	0.608424	0.826833	-1.20955	0.0660995	0.554333	-1.80359	0.244054	0.655314	-1.52605	0.0443924	0.74222	-1.34752	0.0116551	0.174353	2.01143	0.802607	0.334555	1
cg19310303	C19orf47;PLD3;PLD3;PLD3;PLD3	0.169027	0.0689289	0.72779	-1.37402	0.163692	1.07831	1.07831	0.668648	1.06952	1.06952	0.0679617	0.72679	-1.37591	0.0215843	0.650038	-1.53837	0.393934	0.87257	-1.14604	0.864867	0.974537	-1.02613	0.714106	0.944182	-1.05912	0.496528	1.11379	1.11379	2.01143	0.776282	0.343053	1
cg26907035	TEAD1	0.169029	0.681997	0.902759	-1.10772	0.225883	0.729263	-1.37134	0.813403	0.929576	-1.07567	0.732504	0.916046	-1.09165	0.0546463	0.583957	-1.71322	0.119613	0.667481	-1.49864	0.132956	0.095245	10.4985	0.0012	1.89567	1.89567	0.647096	0.891851	-1.12126	0.674312	0.900088	-1.111	0.164242	0.868027	1
cg04929022	VGLL1	0.169031	0.235903	0.607707	-1.64557	0.765939	0.53899	-1.85499	-1.19191	0.411215	0.610101	-1.63907	0.359555	0.57467	-1.74013	0.194979	0.484417	-2.24006	0.094154	2.95114	0.0151469	2.29253	2.29253	-1.78192	0.751109	0.829151	-1.20577	0.868357	0.907059	-1.10264	0.201141	0.01661	4.662825	1
cg01728667	TNNP	0.169031	0.529502	0.780542	-1.28116	0.454996	1.34447	1.34447	0.333627	1.47388	1.47388	0.0113751	0.599927	-1.66687	0.0341772	0.598255	-1.67129	0.187116	0.580499	-1.72265	0.0372696	0.390482	-2.56093	0.282554	0.827141	-1.20898	0.324168	0.672969	-1.48595	0.21141	4.81975	2.12996	1
cg23429333	CTTN;CTTN	0.169035	0.53581	0.74063	-1.35045	0.3004	1.2322	1.2322	0.0135855	0.277382	-3.60725	0.0470882	1.13035	1.13035	0.0174087	2.823703	2.823703	0.0744264	0.454559	2.19941	0.0262664	0.454559	2.19941	0.0148852	1.66493	1.66493	0.0977	1.9577	1.9577	2.01142	4.24083	1.82619	1
cg00781405	ZNF611;ZNF611;ZNF611;ZNF611	0.169037	0.00903647	0.383371	-2.60844	0.210464	0.683388	-1.4633	0.249732	0.70643	-1.41557	0.422488	0.78922	-1.26707	0.896255	0.963011	-1.03841	0.0665425	0.551889	-1.81196	0.453397	0.801986	-1.2469	0.779757	1.08436	1.08436	0.193459	0.671961	-1.48818	0.21137	2.65896	1.17508	1
cg07597871	RAP1A;RAP1A	0.169045	0.396958	0.863483	-1.15811	0.55954	0.907313	-1.10216	0.161706	0.776562	-1.28772	0.0700586	0.709827	-1.40879	0.131575	1.31714	1.31714	0.940544	1.01141	1.01141	0.864038	0.859812	-1.16304	0.581424	1.0987	1.0987	0.0658885	1.41795	1.41795	2.01132	0.912208	0.401343	1
cg20146541	TRIM58	0.169049	0.0352246	117.19	117.19	0.674648	2.2705	2.2705	0.705657	2.08862	2.08862	0.779397	0.573178	-1.75015	0.756887	0.547102	-1.82781	0.613704	0.68757	-1.45473	0.0331047	0.294029	3.40026	0.0192426	0.178488	178.488	0.0536668	0.503672	70.5072	2.0113	120.167	53.1074	1
cg08024103	RPH3AL	0.169049	0.0404224	0.433426	-2.3072	0.517067	0.792948	-1.26112	0.172864	0.599103	-1.66916	0.598785	1.20625	1.20625	0.128794	0.560035	-1.7856	0.258799	1.51606	1.51606	0.434149	1.32559	1.32559	0.168345	0.595432	-1.67945	0.144024	0.574445	-1.74081	0.1013	3.973555	1.7561	1
cg10022399	CHFR	0.169051	0.228057	1.49597	1.49597	0.0725837	0.475432	-1.90335	0.710994	1.11459	1.11459	0.647217	0.908022	-1.10147	0.0774302	1.28578	1.28578	0.0226069	0.415548	-2.2141	0.0493872	0.794832	-1.25813	0.956742	1.08413	-1.01594	0.907464	0.776815	-1.28771	0.21128	0.82568	3.6936	1
cg00461022	FAM134B	0.169053	0.375713	1.86778	1.86778	0.0305106	0.73781	0.73781	0.0330021	0.54799	0.54799	0.547125	0.65473	1.65473	0.0353833	0.519194	1.92606	0.145226	2.92082	2.92082	0.117559	0.23586	3.21598	0.643565	1.37743	1.37743	0.433992	1.73088	1.73088	2.01127	15.0435	6.64856	1
cg26285648	CDNL1	0.169055	0.0337733	0.440304	-2.27126	0.0301089	0.702143	-1.42421	0.0618027	0.696127	-1.43652	0.938403	0.913018	-1.10133	0.414504	0.876002	-1.14155	0.783275	1.0144	1.0144	0.212757	0.576111	1.73574	0.0264558	0.453953	-2.20477	0.0763775	1.20174	1.20174	2.01127	2.72752	1.15618	1
cg13222768	STK24	0.169056	0.131762	0.451101	-2.2168	0.00979739	0.202324	-4.94257	0.0972843	0.410484	-2.43614	0.547001	0.742135	-1.34746	0.427996	0.673028	1.48582	0.948053	0.968621	-1.0324	0.435405	0.677469	-1.47658	0.369772	1.56942	1.56942	0.667966	1.809653	-1.2351	2.01126	7.62683	3.37072	1
cg18880544	HMGCR;HMGCR	0.169057	0.0440394	0.616011	-1.62335	0.685732	1.08891	1.08891	0.404744	0.836524	-1.19562	0.830827	1.04582	1.04582	0.563389	0.780319	-1.28153	0.120857	0.703126	-1.42222	0.239648	1.2941	1.2941	0.0759817	0.66135	-1.51206	0.362255	1.21662	1.21662	2.01126	1.39652	0.617204	1
cg22078663	POP1;HRSP12;POP1;POP1	0.169057	0.0291358	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.01124	0.0	0.0	1
cg16105558	KCND2	0.169057	0.169232	0.678864	-1.47305	0.0852067	1.65418	1.65418	0.0496713	1.80798	1.80798	0.816199	1.06351	1.06351	0.303716

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg26017746	SYNJ2	0.169219	0.891393	0.966497	-1.03496	0.03727286	0.547165	-1.8276	0.36855	1.25907	1.25907	0.04176562	0.79568	1.79568	0.35814	1.27893	1.27893	0.319836	0.773819	-1.29229	0.526027	1.67382	1.67382	0.42225	1.23259	0.738107	0.919704	0.085107	1
cg07784959	CXCR4;CXCR4	0.169227	0.916307	1.04489	1.04489	0.567593	1.27294	1.27294	0.683402	0.84259	-1.18682	0.282059	0.626916	-1.59511	0.0464353	0.385666	-2.59292	0.935487	0.96675	-1.03439	0.368227	1.47117	1.47117	0.821788	1.09882	1.09882	0.0154702	0.289155	-3.45836	0.01026	5.55507	2.45632	1
cg04130213	BAG5;BAG5;BAG5	0.169229	0.829736	1.11981	1.11983	0.163365	0.45758	-2.18541	0.356714	0.607647	-1.64569	0.535985	0.719381	-1.39008	0.00555084	0.147373	-6.7855	0.858944	0.91075	-1.098	0.476524	1.46277	1.46277	0.831522	0.894076	-1.11847	0.498155	0.696697	-1.43534	2.01025	8.79303	3.8881	1
cg02974815	DUSP7	0.169234	0.27333	0.507543	-1.97028	0.367833	1.73182	1.73182	0.08893137	3.08446	3.08446	0.055266	2.66738	-3.70729	0.8196	1.44651	1.44651	0.122376	0.368651	-2.7128	0.557074	1.42153	1.42153	0.231835	2.11042	2.11042	0.728289	1.229516	1.229516	2.10605	11.415	4.21561	1
cg25667998	ZSCAN58	0.169234	0.981503	1.00549	1.00549	0.622142	1.11253	1.11253	0.0188997	0.51347	-1.94753	0.792388	0.940020	-1.0638	0.0441514	0.1693	1.6693	0.820434	1.05475	1.05475	0.289337	1.29415	1.29415	0.919311	1.02404	1.02404	0.369844	0.805808	-1.24099	2.01022	1.74992	0.77379	1
cg14172596	PTPRT;PTPRT	0.169241	0.60545	0.889135	-1.12409	0.234692	1.45069	1.45069	0.0719534	1.82204	1.82204	0.2922003	1.7215533	-1.38598	0.887591	1.04315	1.04315	0.0654773	0.539286	-1.8543	0.445121	1.7925592	-1.26174	0.126179	1.63910	1.63910	0.3629558	1.32216	1.32216	2.02018	2.84012	1.25588	1
cg13759778	NF1;OMG;NF1	0.169242	0.22192	0.40324	-2.47991	0.0112169	0.105618	-9.46806	0.058049	0.219665	-4.55239	0.900954	1.09208	1.09208	0.213947	0.396233	-2.52375	0.169595	0.355186	-2.81543	0.164674	0.350369	-2.85414	0.353118	0.507314	-1.97117	0.585902	0.677611	-1.47577	2.01017	15.9346	7.04624	1
cg06029655	MEGF8	0.169244	0.0590706	0.552189	-1.81096	0.566197	0.850814	-1.17535	0.0413096	0.539053	-1.92659	0.0326829	0.49844	-2.00642	0.901748	0.966135	-1.03501	0.989693	1.0068	1.0068	0.796114	1.07481	1.07481	0.361514	1.29866	1.29866	0.989561	0.996222	-1.00379	2.01015	2.47129	1.0928	1
cg07537872	FAM194A	0.169249	0.514079	0.658018	-1.51972	0.0102006	0.75864	-1.75864	0.0136706	0.367678	1.7955	0.992467	0.994047	-1.00595	0.753188	0.819126	-1.22081	0.51897	0.663308	-1.51215	0.905317	1.07817	1.07817	0.619018	1.37308	1.37308	0.120543	0.344725	2.90086	2.01013	12.7363	5.63206	1
cg26452811	IGDCC3	0.16925	0.15411	0.586033	-1.70639	0.0339969	0.420288	-2.37932	0.881698	1.05354	1.05354	0.881351	1.0537	1.0537	0.634978	1.18235	1.18235	0.386468	0.732751	-1.36472	0.0507035	2.18105	2.18105	0.686153	0.867374	-1.15291	0.270345	0.668985	-1.4948	2.01012	3.9056	1.72708	1
cg06761530	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.169251	0.218204	0.707757	-1.41291	0.13649	1.54594	1.54594	0.136639	1.30263	1.30263	0.702898	1.167068	1.167068	0.155524	1.30019	1.30019	0.812564	1.00545	1.00545	0.984048	1.02098	1.02098	0.736168	0.91777	-1.09437	0.260048	0.730864	-1.36824	2.01009	2.26733	1.00264	1
cg03876424	C14orf73	0.169257	0.0315765	0.475759	-2.10191	0.532773	1.2018	1.2018	0.609076	0.855423	-1.16901	0.302015	1.38228	1.38228	0.192151	0.658373	-1.5189	0.863546	0.949253	-1.05346	0.0272614	0.455339	-2.2056	0.484739	0.800569	-1.23982	0.31921	0.732229	-1.36569	2.01008	2.91815	1.29045	1
cg01285637	KCNK5;KCNK5	0.169258	0.104983	1.45409	1.45409	0.578747	0.888409	-1.12561	0.674456	0.914759	-1.09318	0.848417	0.960494	-1.0412	0.279378	1.26777	1.26777	0.680015	0.916223	-1.09144	0.0123406	0.518248	-1.92959	0.0348953	1.15344	1.15344	0.8038057	1.052441	1.052441	2.01007	1.41692	0.626588	1
cg04153381	VCP	0.169259	0.328999	1.29119	1.29119	0.0773965	0.607738	-1.64545	0.290971	0.757307	-1.32047	0.185516	0.700374	-1.42781	0.147529	1.48322	1.48322	0.156029	1.46959	1.46959	0.170172	1.44859	1.44859	0.768041	1.07791	1.07791	0.559355	0.860914	-1.16356	2.01007	2.04862	0.90594	1
cg12912809	MFSD8;C6orf29	0.16926	0.167918	0.494445	-2.02247	0.694084	0.827418	-1.20858	0.384776	1.53274	1.53274	0.498573	1.38992	1.38992	0.0139683	0.388568	2.57468	0.145062	0.472375	-2.11696	0.53137	0.7379771	-1.35507	0.142043	2.129	2.129	0.256562	0.566926	-1.7639	2.01006	7.3117	3.23338	1
cg23918047	ARHGDIA	0.169264	0.137651	0.619304	-1.61491	0.0156422	0.18018	-2.28018	0.0525167	0.824554	-1.21285	0.245531	0.694875	-1.43911	0.158259	0.630312	-1.57156	0.752025	1.07422	1.07422	0.935211	-1.06928	0.352139	1.24969	1.24969	0.505901	1.17015	1.17015	2.01009	1.72515	0.76202	1
cg07082358	DNAJC2;DNAJC2	0.169269	0.0159998	0.335541	-2.98026	0.695369	0.864396	-1.15688	0.550771	0.799702	-1.25047	0.0940173	0.505706	-1.97743	0.123958	0.539607	-1.8532	0.99249	0.996521	-1.00349	0.0686643	0.470188	-2.1268	0.866445	1.06431	1.06431	0.160196	0.573731	-1.74301	2.01001	4.36511	1.93039	1
cg15583012	CYP20A1;CYP20A1	0.169271	0.959359	0.987973	-1.01217	0.0854597	0.795087	-1.35302	0.70577	0.941465	-1.06217	0.156859	0.755845	-1.32302	0.140782	1.28053	1.28053	0.147891	0.781234	-1.28003	0.0990904	1.33291	1.33291	0.411951	0.875106	-1.14272	0.597848	0.918883	-1.08834	2.01	0.8050987	0.356037	1
cg26544435	ANKS3	0.169272	0.853638	1.04293	1.04293	0.00579684	2.31951	2.31951	0.163982	0.894355	-1.11833	0.843926	1.05293	1.05293	0.233097	0.747472	-1.33784	0.759125	1.07422	1.07422	0.935211	-1.06928	0.352139	1.24969	1.24969	0.505901	1.17015	1.17015	2.01009	1.72515	0.76202	1
cg23676042	CSMD3;CSMD3;CSMD3	0.169275	0.581364	0.891619	-1.12156	0.92445	0.980651	-1.01973	0.401374	0.837842	-1.19354	0.438078	0.84965	-1.17695	0.203955	1.31807	1.31807	0.830627	0.956836	-1.04511	0.00816825	2.00829	2.00829	0.409293	1.18986	1.18986	0.8308856	0.956894	-1.04505	2.00998	1.35072	0.597341	1
cg05948424	CCAR1	0.169279	0.602282	1.11648	1.11648	0.304957	0.855346	1.16842	-1.16842	1.25213	0.554436	0.882225	1.13349	1.13349	0.753823	1.32629	1.32629	0.960317	0.989584	-1.01053	0.8114896	1.14007	1.14007	0.390347	1.14007	1.14007	0.3915	1.1131	1.11317	2.00995	1.30795	0.618237	1
cg24348573	ILF3;ILF3;ILF3;ILF3;ILF3	0.169282	0.274555	0.713995	-1.40057	0.0693036	0.162805	1.82605	0.149905	0.632916	-1.57999	0.486	1.23339	1.23339	0.642897	0.628298	1.15518	1.15518	0.112703	0.595512	-1.66802	0.118329	0.604945	-1.65304	0.58299	0.912845	-1.09548	0.18593	0.659961	-1.51524	2.0099	2.7951	1.23614	1
cg18020480	BABGAP1L	0.169288	0.673369	1.25437	1.25437	0.0278484	2.90141	2.90141	0.0131492	3.87116	3.87116	0.0121945	3.99519	3.99519	0.0107485	3.64972	3.64972	0.74486	1.14502	1.14502	0.0139683	0.388568	2.57468	0.145062	0.472375	-2.11696	0.53137	0.7379771	-1.35507	2.01004	1.45972	0.847788	1
cg10683055	L10RB	0.169293	0.297646	0.493863	-2.02485	0.122165	0.334642	-2.98827	0.00851751	0.111486	-8.96971	0.895884	1.08932	1.08932	0.133092	0.346856	-2.88304	0.85195	0.885077	-1.12985	0.490129	0.632512	-1.581	0.664117	1.33041	1.33041	0.798051	1.18239	1.18239	0.09887	13.5913	6.01092	1
cg14573676	MED27	0.169296	0.916868	1.01277	1.01277	0.64713	0.945547	-1.05759	0.775464	0.965854	-1.03535	0.0690632	0.781035	-1.28035	0.545221	0.756963	-1.32107	0.303433	1.13825	1.13825	0.0741883	0.785283	-1.27345	0.47579	1.09691	1.09691	0.357468	1.12184	1.12184	2.00985	0.4697798	0.207776	1
cg17395064	TNN01	0.169297	0.0525295	0.615904	-1.62351	0.0155422	0.08108	-3.08108	0.0252167	0.824554	-1.21285	0.245531	0.694875	-1.43911	0.158259	0.630312	-1.57156	0.184073	1.1826	1.1826	0.0174882	0.16888	1.8884	0.0134782	0.831486	0.7854	0.0985667	0.271078	0.85985	2.01007	2.95945	1.42642	1
cg08619893	LOC253724	0.1693	0.109476	0.401177	-2.49267	0.390706	0.631084	-1.58458	0.149232	0.44519	-2.24623	0.664216	0.795646	-1.25684	0.00960397	0.179788	-5.5621	0.979248	0.960667	-1.03964	0.6486643	0.792414	-1.26202	0.0975602	0.99203	-1.00844	0.9629975	0.991572	-1.00844	2.00979	1.58295	0.700104	1
cg15651907	LOC619207	0.169298	0.0439036	0.743184	-1.34555	0.0158824	0.170025	1.88655	0.0418552	0.963067	-1.03729	0.857995	0.983984	-1.01629	0.896407	1.03009	1.03009	0.0741883	0.785283	-1.27345	0.47579	1.09691	1.09691	0.357468	1.12184	1.12184	0.0985667	0.271078	0.85985	2.01007	2.95945	1.42642	1
cg21299542	PITX2;PITX2	0.169306	0.44577	-1.7174	1.71374	0.778704	2.1251	2.1251	0.331916	2.06153	2.06153	0.984366	0.986541	-1.01364	0.539616	0.650854	-1.53644	0.781076	0.824754	-1.21248	0.544654	0.654414	-1.52809	0.0351064	1.29225	1.29225	0.621067	1.41143	1.41143	2.00979	15.2232	6.73289	1
cg03907612	TFEB;TFEB	0.169308	0.347674	0.868027	-1.15204	0.69426	0.903776	-1.10647	0.0618227	1.3605	1.3605	0.8925555	0.980413	-1.01998	0.295527	0.853183	-1.17208	0.18424	0.813699	-1.22896	0.0934872	0.763362	-1.31	0.10348	1.29777	1.29777	0.871555	0.976594	-1.02397	0.09878	0.6831957	0.301617	1
cg04046475	ZDHHC13;ZDHHC13	0.169313	0.0395473	0.740581	-1.35034	0.434628	0.914312	-1.0372	0.0428284	0.744174	1.34474	0.764778	0.910007	-1.09887	0.0756311	0.829703	-1.20557	0.169402	0.83142	-1.2026	0.250675	0.8866069	-1.11599	0.0615425	1.10084	1.10084	0.705861	0.9507453	1.05064	2.00966	1.58295	0.700104	1
cg07540917	KLHDC4	0.169315	0.332683	0.645502	-1.54918	0.0214699	0.298172	-3.35377	0.139121	0.497926	-2.00833	0.743911	1.1544	1.1544	0.34185	0.651181	-1.53567	0.801574	1.11661	1.11661	0.931686	1.03827	1.03827	0.5995	1.26125	1.26125	0.0367274	0.345431	-2.89493	2.00974	6.10703	2.70109	1
cg18571792	PTPN2;PTPN2;PTPN2	0.169318	0.0573369	0.725437	-1.37842	0.0798484	0.29041	-3.44256	0.0521492	0.83716	-1.19492	0.387116	0.694724	-1.43958	0.159519	0.630457	-1.57156	0.744986	1.07422	1.07422	0.935211	-1.06928	0.352139	1.24969	1.24969	0.505901	1.17015	1.17015	2.00964	1.72515	0.76202	1
cg17960727	HYLS1;HYLS1;HYLS1	0.16932	0.215372	2.94097	2.94097	0.350352	2.21485	2.21485	0.292029	2.47037	2.47037	0.11561	4.11616	4.11616	0.69372	0.720785	-1.38738	0.759144	1.28968	1.28968	0.825572	1.20032	1.20032	0.0148407	1.1932	1.1932	0.0430253	0.862466	0.86246	2.00971	21.7807	9.63356	1
cg05675008	UBE2E	0.169323	0.636947	0.861411	-1.16089	0.994085	1.00233	1.00233	0.45628	1.27207	1.27207	0.253094	1.45435	1.45435	0.0378531	2.12888	2.12888	0.892296	1.04343	1.04343	0.474764	0.796051	-1.2562	0.0485798	2.02783	2.02783	0.0496738	2.01905	2.01905	2.00969	3.13413	1.38621	1
cg27548644	LPPR2;LPPR2	0.169325	0.329842	0.645502	-1.54918	0.298484	1.52862	1.52862	0.248686	1.76111	1.76111	0.134992	1.87116	1.87116	0.0619	1.59519	1.59519	0.904029	0.861236	-1.1613	0.364596	1.15906	1.15906	0.0293181	1.39033	1.39033	0.467063	1.48916	1.48916	2.0099	9.71585	4.8202	1
cg15320272	CELSR3	0.169325	0.0835206	0.245208	-4.07816	0.14102	0.312935	-3.19555	0.10289	0.269988	-3.70386	0.132493	0.293972	-3.40169	0.0455888	0.185965	-5.37736	0.859482	0.225371	-4.43713	0.0854793	0.247836	-4.03492	0.272922	0.432869	-2.31017	0.0965276	0.262125	-3.81497	0.09068	17.1392	7.58073	1
cg02449066	AGRN	0.169329	0.0396308	0.732184	-1.36535	0.0821424	0.49324	1.38138	0.333852	0.568226	-1.75986	0.368574	0.650638	-1.53704	0.0996167	0.2199	-4.5484	0.0133747	0.178572	5.60087	0.0013766	0.0896638	11.1555	0.0001	0.3855481	-2.59407	0.0116891	0.146895	6.80705	2.01011	0.0769902	2.85799	37.1	1
cg05613951	GPR124;GPR124	0.169328	0.121568	1.45279	1.45279	0.944724	0.105155	1.01555	0.717998	1.08405	1.08405	0.0453604	0.870274	-1.14669	0.0155607	0.516765	-1.93512	0.103577	0.672927	-1.48605	0.613234	1.1201	1.1201	0.913194	0.894485	-1.11796	0.631626	0.802331	-1.12069	0.29067	1.57602	0.697083	1
cg18377763	ST6GALNAC3;ST6GALNAC3	0.169329	0.164499	0.661252	-1.51228	0.306541	1.34343	1.34343	0.0204981	0.459049	-2.17842	0.610549	1.15401	1.15401	0.674167	0.888759	-1.12516	0.899802	0.965479	-1.03575	0.451919	1.23829	1.23829	0.208012	1.44805	1.44805	0.214605	0.694646	-1.43958	2.00966	2.47553	1.09455	1
cg15788379	DNAH17;MEM159	0.169333	0.430486	0.804085	-1.18921	0.314298	0.799236	-1.25119	0.542504	1.14198	1.14198	0.788756	1.03161	1.03161	0.0102018	0.509347	-1.9633	0.0501707	0.618247	-1.61748	0.192786	0.7443167	-1.34559	0.965711	1.0093	1.0093	0.541089	0.875256	-1.14252	2.00963	1.47406	0.653884	1
cg08360721	KCNIP1;KCNIP1;KCNIP1	0.169331	0.542061	0.891904	-1.1212	0.580717	0.901761	-1.10894	0.574768	0.900261	-1.11079	0.651974	1.0878	1.0878	0.241884	0.916851	-1.09069	0.899118	1.02379	1.02379	0.0222757	0.601846	-1.66155	0.020836	0.597276	-1.67427	0.388249	1.1781	1.1781	2.00963	1.09348	0.483661	1
cg25841091	UFD1L;CDC45L;UFD1L	0.169334	0.38895	1.2009	1.2009	0.0615645	1.24345	1.24345	0.0424601	1.53555	1.53555	0.0184463	1.6047003	1.6047003	0.0082363	1.01393	1.01393	0.0222224	0.804356	1.24343	0.0104	1.1365	1.1365	0.0104	1.24343	0.0104	1.1365	0.0104	1.24343	0.0104	1.1365	0.0104	1.24343	0.0104

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Probeset ID	UCSC_REFGENE_NAME NSF1C;NSF1C;NSF1C;NSF1C;NSF1C	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	SS(Test)	SS(Error)
gi26046658	/NSF1C	0.169569	0.662771	1.12008	1.12008	1.305668	1.31536	1.315536	0.653463	1.13135	1.131195	1.31098	1.31098	1.094529	1.01824	1.01824	0.190314	1.43109	1.43109	0.0315059	0.453774	-2.20374	0.448571	1.22089	1.22089	0.257049	1.35757	1.35757	2.08825	2.12426	0.940239	1
gi14909930	MBOAT2	0.16957	0.0260696	0.504736	-1.98123	0.745839	0.919238	-1.08786	0.643067	1.12844	1.12844	0.939154	0.980427	-1.01996	0.0483765	0.557652	-1.79323		0.656196	0.890464	-1.12301	0.222576	1.39358	1.39358	0.371006	1.26851	1.26851	0.48062	1.20398	1.20398	2.00824	2.13234	0.943818	1
gi50105745	ATP11A;ATP11A	0.169571	0.0799494	0.300015	-2.5639	0.150195	0.473574	-2.11151	0.821025	0.896008	-1.11606	0.7150559	0.837721	-1.19444	0.339095	0.620335	-1.61203		0.791993	1.13665	1.13665	0.020775	1.85285	1.85285	0.807423	0.88833	-1.12563	0.610538	1.28263	1.28263	2.08224	2.04829	0.940239	1
gi20771846	MYO1C;MYO1C;MYO1C	0.169571	0.0932247	0.374811	-2.67015	0.548916	0.54336	-1.54336	0.887117	1.10697	0.503179	1.47086	1.47086	0.222284	2.5037	2.5037	0.161287	0.342859	-2.91665	0.0135017	0.91608	0.459736	1.71358	1.71358	0.52408	1.58718	1.58718	2.08424	16.284	7.20764	1
gi17796345	EIF2B2	0.169575	0.5663133	1.172117	1.172117	0.0530758	1.82583	1.82583	0.95717	0.9853971	-1.00482	0.2849516	0.7374686	-1.35596	0.120132	1.58093	1.58093		0.5931844	1.15916	1.15916	0.0781649	0.5850907	-1.70921	0.3685044	0.7764474	-1.28787	0.272761	1.36705	1.36705	2.00822	2.38614	1.05617	1
gi40533013	ZNF136	0.169578	0.356988	1.26418	1.26418	0.536167	0.856402	-1.16768	0.555275	1.1591	1.1591	0.497572	1.18579	1.18579	0.44871	0.826097	-1.21051		0.0371207	0.549437	-1.82004	0.0276532	0.5250313	-1.90464	0.6420111	1.12283	1.12283	0.602066	1.13904	1.13904	2.0882	1.94755	0.862044	1
gi59851005	LOC645323	0.169579	0.0601204	0.333084	-3.00224	0.292419	0.5167163	-1.76171	0.4659576	1.46907	1.46907	0.601855	0.7611668	-1.31357	0.0820675	0.368333	-2.71493		0.6996623	0.816576	1.2251	0.0234502	0.2370568	-4.21768	0.1944155	0.4433122	-2.30842	0.36211	0.615306	-1.62521	2.00819	8.54822	3.78371	1
gi51303145	TBC1D16 TMEM14C;TMEM14C;TMEM14C;TME	0.16958	0.56254	1.34459	1.34459	0.443812	1.47812	1.47812	0.845023	1.10403	1.10403	0.607872	1.337	1.337	0.279069	0.560016	-1.76674		0.257138	0.549859	-1.81865	0.795884	0.877017	-1.14023	0.613538	0.772949	-1.29375	0.00845566	5.47591	5.47591	2.00818	8.13427	3.60051	1
gi50809174	M14C	0.169581	0.037167	0.411684	-2.42905	0.130599	1.8201	1.8201	?	?	0.197313	0.606555	-1.64866	0.301091	0.6749393	-1.4815		0.858171	0.936487	-1.06782	0.217996	1.60861	1.60861	0.542632	1.25367	1.25367	0.583176	0.816035	-1.22544	2.02205	3.83075	1.89449	1
gi50810282	PCGF3	0.169581	0.75076	0.841667	-1.18812	0.0889369	2.75885	2.75885	0.616058	1.31452	1.31452	0.176691	2.17455	2.17455	0.0225022	0.229905	-4.34962		0.811494	0.878765	-1.13796	0.502897	0.692282	-1.4445	0.516143	1.42777	1.42777	0.328978	0.579864	-1.72454	2.00818	9.30551	4.11894	1
gi26468009	PRKCZ;PRKCZ;PRKCZ	0.169585	0.125826	0.796368	-1.25548	0.913739	1.60042	1.60042	0.188404	1.83938	1.83938	0.964113	1.02525	1.02525	0.13751	0.412082	-2.4257		0.342158	0.581286	-1.72033	0.0318667	0.1858863	-5.38037	0.2025549	0.4939585	-2.02476	0.467963	0.664093	-1.50581	2.00815	9.77118	4.32512	1
gi50932182	CDLEC11;CDLEC11	0.169591	0.0650353	0.502119	-1.99156	0.159273	1.64934	1.64934	0.491781	0.7927315	-1.26146	0.257623	1.48138	1.48138	0.08615576	0.322209	-3.87896		0.5549337	1.22013	1.22013	0.134612	1.73019	1.73019	0.945428	0.977486	-1.02303	0.591294	0.835009	-1.19759	2.00812	3.51926	1.55779	1
gi67637817	MBP;MBP	0.169593	0.292483	0.615384	-1.625	0.47916	0.726286	-1.37687	0.149934	0.5003561	-1.98586	0.048813	0.3678	-2.71887	0.647751	0.815506	-1.2269		0.4155	0.690748	-1.44771	0.0679815	0.248107	2.48107	0.977996	1.01234	0.01234	0.0881123	0.433177	-2.30856	2.00811	6.28507	2.78209	1
gi51422156	RASSF4	0.16956	0.338657	0.847497	-1.1273	0.4208544	1.18621	1.18621	0.834199	0.9575301	-1.04451	0.337889	0.8145515	-1.22772	0.0250058	0.901665	-1.10906		0.740199	0.93323	-1.07155	0.0115658	0.192651	5.19251	0.208879	1.29822	0.29822	0.383104	0.830493	-1.2041	2.00807	1.3775	0.607106	1
gi50932632	SPIRE1;SPIRE1;SPIRE1	0.169602	0.0296291	0.721221	-1.38654	3.0057	1.14495	1.14495	0.676791	1.05496	1.05496	0.6954	0.9510185	-1.0515	0.249997	0.857756	-1.16583		0.992901	0.998865	-1.00114	0.2570757	0.8598871	-1.16296	0.071546	1.29282	1.29282	0.507422	1.08962	1.08962	2.00806	0.518074	0.229331	1
gi42431187	MUM1;MUM1	0.169603	0.247081	0.592702	-2.53456	0.682593	1.37374	1.37374	0.254959	1.50411	2.50411	0.658763	1.709467	-1.40851	0.117745	0.262454	-3.8102		0.349765	0.475517	-2.10297	0.0188893	0.1577651	-6.33861	0.0420023	0.1636905	-6.10892	0.382557	0.5007779	-1.99689	2.00805	18.9693	8.39698	1
gi41293009	ARHGEF9	0.169608	0.00603043	0.170319	-5.86948	0.157771	0.283471	-3.52769	0.1885962	0.477075	2.095631	0.074064	1.265737	2.5925	0.719505	1.51313	1.51313		0.07242021	0.187675	-5.32837	0.0798582	0.7485751	-1.33588	0.811218	1.22102	1.22102	0.636086	1.4885	1.4885	2.00802	22.1474	10.8938	1
gi19250935	INPP5A PECR;TMEM169;TMEM169;TMEM169; TMEM169;TMEM169;TMEM169;TMEM	0.169609	0.180324	0.495705	-2.01733	0.192773	0.506655	-1.97373	0.0325315	0.291046	-3.43588	0.55795	0.746567	-1.33946	0.0150658	0.229102	-4.36486		0.476121	0.699491	-1.42961	0.945216	0.96667	-1.03448	0.680283	0.815146	-1.22677	0.121999	0.437449	-2.28598	2.00801	7.73786	3.42532	1
gi15979473	169;TMEM169	0.169609	0.0814426	0.187233	0.955736	0.982136	-1.01819	0.135524	0.68615	1.68615	0.0539982	0.491401	-2.03463	0.417759	1.30854	1.30854	0.49104	1.25502	1.25502	0.0859335	1.852	1.852	0.322785	1.39329	1.39329	0.381699	1.33824	1.33824	2.00801	3.35386	1.48465	1
gi14334350	NOTCH1	0.16961	0.993359	0.997107	-1.0029	0.0353542	2.34652	2.34652	0.424228	0.752713	-1.32853	0.302557	1.45025	1.45025	0.066422	0.488445	-2.04732		0.500782	1.26854	1.26854	0.178136	1.64545	1.64545	0.218623	1.5689	1.5689	0.762532	1.11125	1.11125	2.00801	3.85304	1.70564	1
gi15945799	RAB11FIP4	0.169612	0.670286	0.844209	-1.18454	0.591839	0.807327	-1.23866	0.132324	0.526109	-1.90075	0.802503	1.10417	1.10417	0.0104069	0.250569	-3.99091		0.551094	0.787815	-1.26933	0.500566	0.763098	-1.31045	0.972782	0.986599	-1.01358	0.086885	0.473462	-2.1121	2.008	4.97288	2.20137	1
gi30051638	MAEA;MAEA	0.169613	0.5540082	0.923009	0.08353	0.642475	1.06466	1.06466	0.674352	0.944937	-1.05827	0.505526	1.00477	1.00477	0.0310367	1.38957	1.38957		0.8688642	1.02239	1.02239	0.0419335	0.730383	-1.36915	0.12726	1.24735	0.735852	1.04642	1.04642	2.00799	0.5721214	0.253863	0.922558	1
gi08465862	PFKP	0.169614	0.755557	1.06666	1.06666	0.505575	1.1498	1.1498	0.0307999	1.68894	1.68894	0.664102	0.9136711	-1.09449	0.0848659	1.48253	1.48253		0.352242	0.820527	-1.21873	0.145571	0.724047	-1.38113	0.4433	0.850856	-1.17529	0.465687	0.85778	-1.1658	2.00798	1.35787	0.6011	1
gi71168242	QTU178	0.169615	0.4143225	0.945532	-1.05796	0.644725	0.969346	1.03146	-1.03162	0.0370561	2.857777	-1.14184	0.0498338	2.860703	-1.16184	0.1004844	-9.95048		0.723774	0.976487	-1.02408	0.0764307	0.8742191	-1.14388	0.1447	0.8310666	1.20316	0.1266	0.0709797	0.147982	0.0923633	0.147982	0.5795	1
gi02277530	SEPTIN;SEPT9;SEPTIN;SEPT9;SEPT9 NUSAP1;NUSAP1;OIP5;NUSAP1;NUSAP	0.169624	0.97467	0.986933	-1.01324	0.0478335	1.55315	2.55315	0.0654899	2.35481	2.35481	0.441064	0.72219	-1.38468	0.963377	1.01762	1.01762		0.263482	1.6208	1.6208	0.040058	2.67241	2.67241	0.752228	1.14021	1.14021	0.44017	1.72253	1.38403	2.00792	5.45793	2.41617	1
gi19105821	1;NUSAP1;NUSAP1	0.169625	0.173889	0.653828	-1.52946	0.969734	1.01121	1.01121	0.23473	1.4417	1.4417	0.0316706	0.477181	-2.09564	0.8431	0.943456	-1.05993		0.676901	0.884191	-1.13098	0.874409	0.954603	-1.04756	0.521091	0.826105	-1.2105	0.0531397	1.90668	1.90668	2.00792	2.74341	1.21449	1
gi16132219	C10orf79;C10orf79	0.169626	0.786849	1.03433	1.03433	0.0866516	0.790005	-1.26581	0.0680114	0.775252	-1.2899	0.937668	0.990306	-1.00979	0.443479	0.907269	-1.10221		0.0889613	0.791631	-1.26321	0.730494	0.957915	-1.04393	0.0739092	1.2816	1.2816	0.629788	1.06236	1.06236	2.00792	0.493352	0.218403	1
gi03780745	RC002	0.16963	0.164951	1.70615	1.70615	0.0542642	2.62204	2.62204	0.190808	1.83765	1.83765	0.0399772	0.3154	-3.17048	0.0743273	1.14424	1.14424		0.9722583	1.01261	1.01261	0.764883	0.9872581	1.01261	1.01261	0.462311	1.32907	1.32907	0.607989	0.41624	1.83111	2.00791	4.13624	1.83111	1
gi16822035	MCF2L;MCF2L	0.169632	0.84263	1.0977	1.0977	0.0254772	1.47326	1.47326	0.0851351	2.44167	2.44167	0.633742	0.798433	-1.25245	0.973978	0.98482	-1.01541		0.2285572	1.8087	1.8087	0.0669817	2.61934	2.61934	0.513143	1.36481	1.36481	0.3353	1.6275538	-1.59353	2.00788	0.99357	3.09606	1
gi01477379	PIKCA	0.169633	0.0560994	0.390676	-2.55966	0.1630741	0.399741	-2.50162	0.660503	0.825305	-1.21167	0.680418	0.835338	-1.19712	0.0436929	0.365204	-2.73819		0.0838289	0.439556	-2.2958	0.0474323	0.3737384	-2.67821	0.585211	0.787085	-1.27051	0.571956	0.780283	-1.28159	2.00787	6.00101	2.65666	1
gi16905907	RUNX1T1;RUNX1T1;RUNX1T1	0.169638	0.4950077	1.2273	-1.2273	0.428844	1.98816	1.98816	0.0280446	1.57286	1.57286	0.0256425	1.50933	1.50933	0.420127	0.574882	-1.73949		0.53269	0.653955	-1.5293	0.0177	0.4997313	-2.00182	0.6417973	1.37016	1.37016	0.138088	1.333557	-2.99799	2.00785	14.3043	6.35918	1
gi18079845	CYP26B1	0.169638	0.708381	0.918899	-1.08826	0.976064	1.35876	1.35876	0.977582	1.00635	1.00635	0.167265	0.717917	-1.39292	0.224461	0.750329	-1.33275		0.189236	0.731202	-1.36761	0.234701	1.32365	1.32365	0.0662555	0.628923	-1.59002	0.0838886	0.6501131	-1.53815	0.00784	1.65139	0.713377	1
gi07005688	FBXO2;FBXO2;FBXO2	0.169639	0.0547344	0.560884	-1.78346	0.8114958	1.3044	1.3044	0.764667	1.07642	1.07642	0.341264	0.7860354	-1.27227	0.0097339	0.446625	-2.23887		0.3505917	0.7441	1.3441	0.0244	0.2170794	-4.60911	0.0422	0.1962	-5.09599	0.0422	0.1962	-5.09599	2.00784	1.12513	0.440821	1
gi08092258	SH3BP4	0.169639	0.9297	0.967653	-1.03343	0.469111	0.760173	-1.31549	0.078446	0.482662	-2.07184	0.119356	0.532685	-1.87728	0.758611	1.12172	1.12172		0.341719	1.44062	1.44062	0.037577	2.45717	2.45717	0.24737	1.49023	1.49023	0.953035	1.02219	1.02219	2.00784	1.41589	1.95496	1
gi10633118	TMBIM6;TMBIM6;TMBIM6	0.169639	0.0241839	0.554691	-1.8028	0.908805	1.02478	1.02478	0.181618	0.736569	-1.35765	0.874657	0.966832	-1.03431	0.262789	0.777991	-1.28536		0.464834	1.17276	1.17276	0.241026	0.7679917	-1.30222	0.210387	1.32878	1.32878	0.111198	0.6868223	-1.45598	2.10341	1.48858	0.550432	1
gi16655660	RPL19	0.169644	0.0573464	0.56088	-1.78299	0.3994	1.15734	1.15734	0.0152903	1.56106	1.56106	0.0785476	0.6622	-1.51006	0.0172884	0.4556	-2.19539		0.3705802	0.725185	-1.37894	0.0178	0.1577097	-6.33861	0.0420023	0.1636905	-6.10892	0.382557	0.5007779	-1.99689	2.00783	18.9693	8.39994	1
gi05239593	BMPR1A	0.169641	0.865405	1.03659	1.03659	0.749544	0.934394	-1.07021	0.0364773	1.67369	1.67369	0.524395	1.14646	1.14646	0.481327	0.859296	-1.16374		0.289963	0.792401	-1.26199	0.998335	1.0004	1.0004	0.582062	0.889045	-1.1248	0.0232323	1.778886	1.77886	2.00783	1.42734	0.6319	1
gi05057941	KCNE1L;KCNE1L	0.169642	0.1594	1.2911	1.2911	0.45252	1.61429	1.61429	0.0178407	1.76413	1.76413	0.0249791	1.40977	1.40977	0.0148252	1.29181	1.29181		0.19599	1.0	1.0	0.0	1.0	1.0	1.0	0.0	1.0	1.0	2.00783	0.0	0.0	0.0	1
gi06128198	DOCK1	0.169641	0.196222	1.22228	1.22228	0.692526	0.943297	-1.06011	0.538246	1.09585	1.09585	0.424046	0.886993	-1.1274	0.0563289	0.728035	-1.37356		0.8250115	0.967999	-1.03306	0.351504	1.15123	1.15123	0.0903787	1.31531	1.31531	0.0853307	1.3223	1.3223	2.00783	0.685997	0.303699	1
gi27036115	SLC6A5	0.169643	0.712928	1.08778	1.08778	0.2260284	1.15007	1.15007	0.0886771	1.857777	1.857777	-1.14184	0.0498338	2.860703	-1.16184	0.1004844	-9.95048		0.723774	0.976487	-1.02408	0.0764307	0.8742191	-1.14388	0.1447	0.8310666	1.20316	0.1266	0.0709797	0.147982	0.0923633	0.147982	0.5795	1
gi09192950	CDL1A1	0.169642	0.314785	0.6093	0.6093	0.0534967	2.17023	2.17023	0.293514	1.44613	1.44613	0.0680455	1.02288	1.0228	0.948308	1.45348	-1.55364		0.0322961	2.82724	2.82724	0.0207624	3.17124	3.17124	0.20985	1.72965	1.72965	0.575159	1.26462	1.26462	2.0078	5.46594	2.41986	1
gi03210866	EPCAM	0.169645	0.191123	1.7751	1.7751	0.108468	2.00665	2.00665	0.299095	1.56235	1.56235	0.328456	1.5192	1.5192	0.101967	2.10044	2.10044		0.0322961	2.82724	2.82724	0.0207624	3.17124	3.17124	0.20985	1.72965	1.72965	0.575159	1.26462	1.26462	2.0078	5.46594	2.41986	1
gi02706489	PATL1	0.169647	0.244044	1.49954	1.49954	0.658577	0.759126	-1.19311	0.0953165	1.84907	1.84907	0.639837	1.16961	1.16961	0.0801987	1.21095	1.21095		0.3781198	0.740369	-1.35047	0.0963268	0.7377553	1.95095	0.0195	0.3734	1.35487	0.448221	1.29296	1.29296	2.00779	3.1014	1.55572	1
gi02118886	SYNJ2	0.16965	0.123492	0.17407	-5.74481	0.694788	0.66152	-1.51167	0.876467	0.849582	-1.17705	0.28688	0.31385	-3.18623	0.0454638	0.0905904	-11.0387		0.174672	0.220278	-4.53971	0.0306128	0.0698215	-14.3223	0.0440111	0.0884684	-11.3035	0.229341	0.266658	-3.75012	0.00778	34.9172	15.4587	1
gi15798059	TBC1D22A	0.169659	0.0800638	0.312781	-3.19773	0.756162	1.20491	1.20491	0.948002	0.961719	-1.03981	0.765428	0.836044	-1.19561	0.0061514	0.117764	-8.49152		0.892921	0.925159	-1.08094	0.424104	0.6116371	-1.63485	0.09505	0.522003	-1.91537	0.0714154	0.6453372	-1.54949	2.00772	11.4894	5.64249	1
gi44350249	SEC23B;SEC23B;SEC23B	0.169664	0.373824	1.20541	1.20541	0.569196	1.12494	1.12494	0.0613972	0.91539	-1.09243	0.0137217	1.86564	1.86564	0.189907	1.32897	1.32897	-1.32859	0.0609373	1.51547	1.51547	0.0183756	1.9424	1.9424	0.0148258	0.0656599	1.51737	1.51737	0.548136	1.13242	1.13242	2.00769	1.33161	0.58956	1
gi03706954	TNFSF11;TNFSF11	0.169665	0.576052	0.727241	-1.37506	0.570385	0.723729	-1.38173	0.266742	0.520811	-1.92008	0.4721913	0.6626	-1.50921	0.284584	0.534354	-1.87142		0.611297	0.74904	-1.33504	0.460331	0.656289	-1.52372	0.0997742	0.26129	0.26129	0.611435	1.33489	1.33489	2.00768	10.1072	4.4749	1
gi27580037	MEST;MEST;MEST1;MEST	0.169666	0.69974	1.42857	1.42857	0.9999	0.936166	-1.06819	0.102802	1.83503	1.83503	0.0102235	0.7184472	-1.39151	0.0215731	0.749054	-1.33455		0.748664	1.0435	1.0435	0.0214204	1.39771	1.39771	0.29017	0.965115	-1.03635	0.639389	0.938854	-1.06513	0.00784	1.65139	0.715149	1
gi05346491	GRIN2D	0.169669	0.0443784	0.361468	-2.76649	0.181948	0.535611	-1.86703	0.188784	0.544144	-1.84702	0.307716	0.627951	-1.59248	0.0213814	0.295654	-3.38233		0.153898	0.510313	-1.95958	0.0594829	0.3916541	-2.55336	0.234403	0.577358	-1.73203	0.622488	0.803576	-1.24444	0.00766	6.1745	2.73393	1
gi17784156	FCGBP	0.169676	0.692288	0.960886	-1.04073	0.418859	1.08329	1.08329	0.314453	0.8974884	-1.11192	0.407992	1.09056	1.09056	0.330946	1.10822	1.10822		0.0063494	1.43897	1.43897	0.835666	1.02138	1.02138	0.667397	0.956656	-1.04531	0.707064	0.933613	-1.07109	2.00768	1.04981	0.579065	1
gi09373944	SHROOM3	0.169676	0.11531	0.695807	-1.43718	0.888919	0.97083	-1.03005	0.258833	0.779141	-1.28346	0.153781	0.711386	-1.40571	0.276536	0.72094	-1.38775		0.363175	0.820393	-1.2189	0.336684	0.8144773	-1.22811	0.606636	1.1163	1.1163	0.70762	1.42683	0.631741	1
gi21486510	RNF144A	0.169676	0.117036	0.409205	-2.44377	0.329696	1.69536	1.69536	0.658875	1.26258	1.26258	0.36052	0.573742	-1.74294	0.0349325	0.2753	-3.6324		0.0312961	2.82724	2.82724	0.0207624	3.17124	3.17124	0.20985	1.72965	1.72965	0.575159	1.26462	1.26462	2.0078	5.46594	2.41986	1
gi20322400	MAML2	0.169687	0.2536078	1.58888	1.58888	0.9999	0.7214368	-1.38569	0.2651	0.5965165	1.84907	1.84907	0.639837	1.16961	1.16961	0.0801987	1.21095		0.3781198	0.740369	-1.35047	0.0963268	0.7377553	1.95095	0.0195	0.3734	1.35487	0.448221	1.29296	1.29296	2.00779	3.1014	1.55572	1
gi20230419	ZNF416;ZNF416	0.169689	0.786001	1.06272	1.06272	0.0695168	0.635219	-1.57426	0.623697	0.895361	-1.11687	0.416973	0.830758	-1.20372	0.542525	1.14773	1.14773		0.550724	1.14446	1.14446	0.0306611	0.566907	-1.76396	0.124258	0.680328	-1.45069	0.0810819	0.649009	-1.54081	0.00754	1.85852	0.703358	1
gi02799055	VPS26B	0.169701	0.836045	1.07255	1.07255	0.0816503	0.826096	-1.21077	0.0679529	0.828425	-1.20766	0.178809	0.824525	-1.21265	0.0756596	0.87167	-1.14722		0.544477	1.07509	1.07509	0.0886887	0.6465711	-1.54662	0.0927018	0.7442507	-1.34375	0.0966382	0.6945511	-1.44007	0.00754	1.85852	0.701958	1
gi02725211	PPP2R2C;PPP2R2C	0.169703	0.839443	1.08303	1.08303	0.977422	0.988934	-1.01119	0.306156	0.659291	-1.51678	0.963584	1.01811	1.01811	0.125821	0.521353	1.91809		0.0421723	2.51025	2.51025	0.054563	0.424226	-2.35723	0.949039	0.975181	-1.02545	0.1905171	0.579804	-1.72472	0.00746	4.91534	2.17647	1
gi27129297	RUSC1;RUSC1;C1orf104;RUSC1;RUSC1	0.169705	0.549768	0.916747	-1.09081	0.0635345	1.41833	1.41833	0.63929	1.07016	1.07016	0.76814	1.04338	1.04338	0.329341	1.15557	1.15557		0.867517	1.02427	1.02427	0.184508	0.816954	-1.22406	0.1694	1.23401	1.23401	0.0397713	1.40699	1.40699	2.00745	0.655946	0.290449	1
gi16129902	TRRAP;TRRAP	0.169705	0.618491	0.912162	-1.0963	0.0468052	0.659148	-1.51711	0.446198	0.867453	-1.1528	0.711237	0.934172	-1.07047	0.580525	1.10762	1.10762		0.904997	1.02211	1.02211	0.201992	0.781367	-1.27981	0.0300271	1.59581	1.59581	0.469328	1.14432	1.14432	2.00744	1.06621	0.472112	1
gi02753233	TOP3A;SMC8	0.169707	0.995304	1.00044	-1.00044	0.0143443	1.14943	1.14943	0.0919381	1.82495	1.82495	0.0264873	0.7080329	-1.41233	0.0264115	0.748307	-1.33605		0.1216503	0.76464	-1.3078	0.284012	0.7910665	1.19665	0.0997	0.4010447	1.49348	0.0904836	-1.10074	0.749448	0.0430836	0.2884188	0.359944	1
gi23134805	MAPK7;MAPK7;MAPK7	0.169707	0.839814	0.965461	-1.03577	0.663467	1.43682	1.43682	0.254527	1.22952	1.22952	0.0714358	0.704941	-1.41856	0.0607983	0.692758	-1.44351		0.5001029	0.887923	-1.12626	0.595659	0.911181	-1.09748	0.670821	0.928439	-1.07708	0.606706	1.09437	1.09437	2.00744	0.958966	0.424627	1
gi21366688	SGK1;SGK1;SGK1;SGK1	0.169707	0.346917	0.51059	-1.95852	0.932982	0.943299	-1.06011	0.0310904	0.172688	-5.79046	0.331071	0.20057	-5.00579	0.282405	0.4606603	-2.17107		0.8493003	1.14113	1.14113	0.0846299	0.2661555	-3.75721	0.198792	2.56614	2.56614	0.405019	1.80631	1.80631	2.00744	15.3135	6.78078	1
gi50791791	B3GNTL1	0.169713	0.4691634	0.7241	-1.38106	0.152747	0.788718	-1.26805	0.0996096	1.31489	1.31489	0.604726	0.861209	-1.16121	0.0429903	0.6089	-1.64

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(111T vs. N)	Fold-Change(112T vs. N)	p-value(112T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	df(Error)
cg14107136	ABHD6;ABO;ABHD6P0	0.169861	0.453467	0.69318	-1.61504	0.469256	1.58752	1.58752	0.188514	2.39787	2.39787	0.263542	2.07157	2.07157	0.743136	0.813494	-1.22927	0.808627	0.296674	-3.3707	0.454386	1.61341	1.61341	0.4251991	1.76075	1.70675	0.027378	5.14643	1.64643	2.00654	12.5218	5.54709	1
cg02279471	TMEM56	0.169861	0.135677	1.84682	1.84682	0.247952	0.630789	-1.58532	0.660423	1.18371	1.18371	0.353847	1.43895	1.43895	0.425703	0.733217	-1.36385	0.332309	1.46455	1.46455	0.159325	1.08345	1.08345	0.96156	1.7476	1.7476	0.786357	1.10921	1.20654	4.62502	2.04887	1
cg05516327	RBSK2	0.169862	0.326575	1.64345	1.64345	0.4451298	3.08871	3.08871	0.397458	1.5297	1.5297	0.769188	1.1553	1.1553	0.760467	0.860693	-1.16185	0.0328458	3.40308	3.40308	0.0728125	2.66939	2.66939	0.0967593	2.445095	2.44595	0.705866	0.830258	-1.20444	2.00653	7.64904	3.3885	1
cg13558509	CACNA2D1	0.169863	0.442231	0.836069	-1.19607	0.27474	1.29676	1.29676	0.111262	0.737912	-1.48387	0.544918	1.20625	1.20625	0.110292	0.803512	-1.24442	0.0106727	1.11245	1.11245	0.0199025	1.90067	1.90067	0.2966598	1.80648	1.82484	0.432726	0.832811	-1.20075	2.00653	1.65936	0.730393	1
cg22729008	KIF26B	0.169864	0.20919	0.493996	-2.02431	0.0979455	0.175239	-5.69675	0.129866	0.418232	-2.39102	0.932951	0.956159	-1.04585	0.157902	0.464536	-2.15268	0.170305	0.4593	-2.17723	0.111805	0.397479	-2.51586	0.194816	0.481599	-2.07642	0.458093	0.668613	-1.49563	2.00652	9.02039	3.99603	1
cg03133602	CTNNA3;CTNNA3	0.169864	0.206952	0.679924	-1.47075	0.164467	0.650558	-1.53714	0.704155	0.895316	-1.11692	0.761389	0.915437	-1.09237	0.033429	0.685712	-1.45852	0.299646	0.732301	-1.36556	0.115809	0.627555	-1.59349	0.494009	1.23201	1.23201	0.0265844	0.466806	-2.14222	0.20652	2.6699	1.18277	1
cg19480797	DNMT3A;DNMT3A;DNMT3A;DNMT3A	0.16987	0.125377	0.309731	-3.22861	0.146142	0.332077	-3.01135	0.892608	1.10015	1.10015	0.30555	0.472531	-2.11626	0.02708002	0.157389	-6.35367	0.214139	0.396856	-2.51981	0.0385587	0.183904	-5.43761	0.139942	0.32557	-3.07154	0.149249	0.335291	-2.98248	0.20649	15.8664	7.02895	1
cg24681695	C2orf77;PHOSPHO2;KLHL23	0.169871	0.490216	0.68505	-1.45975	0.9778	0.985094	-1.01513	0.369798	1.64394	1.64394	0.058515	0.315751	-3.16705	0.103525	0.553963	0.713	-1.40252	0.52908	0.708821	-1.41079	0.0498796	0.299061	-3.3438	0.0388398	0.275132	-3.63462	0.443312	1.52478	1.52478	2.00648	9.25679	4.10084	1
cg11541897	ARSB;ARSB;ARSB	0.169873	0.211201	0.617029	-1.62067	0.694878	0.865457	-1.15546	0.230351	0.630487	-1.58608	0.0568341	0.453799	-2.20362	0.227845	0.628766	-1.59042	0.0693491	0.474868	-2.10585	0.0328247	0.400454	-2.49716	0.946252	0.97559	-1.02502	0.052891	0.44643	-2.23999	2.00647	4.26969	1.89152	1
cg25955180	PIBF1; SLC26A5;SLC26A5;SLC26A5;SLC26A5;SL	0.169875	0.250572	1.37468	1.37468	0.3542	1.16624	1.16624	0.447731	1.23345	1.23345	0.277354	1.44153	1.44153	0.0885342	1.11599	-1.11599	0.284269	1.65904	1.65904	0.0381038	2.45382	2.45382	0.128085	1.54654	1.54654	0.10646	2.23249	2.00647	0.989025	1
cg12849484	C26A5	0.169878	0.163085	0.634453	-1.53033	0.1163283	0.614082	-1.62845	0.276382	0.723502	-1.38217	0.0273088	0.474086	-2.10932	0.0368632	0.500129	-1.99949	0.302128	0.736744	-1.35732	0.51077	1.21003	1.21003	0.197526	0.675529	-1.47595	0.516383	0.828747	-1.20664	2.00644	2.59557	1.14988	1
cg06608668	SDHA	0.169881	0.0555228	3.79292	3.79292	0.33156	1.85049	1.85049	0.625534	1.35277	1.35277	0.110035	2.91566	2.91566	0.705857	1.26231	1.26231	0.66663	1.30506	1.30506	0.0195537	5.66019	5.66019	0.0433764	4.1675	4.1675	0.285648	1.97638	1.97638	2.00642	11.9935	5.31337	1
cg20488657	TFF3	0.169884	0.673292	1.16005	1.16005	0.120604	0.554681	-1.80284	0.026888	0.397425	-2.51622	0.420488	1.33392	1.33392	0.118191	0.552185	-1.81099	0.234778	1.54648	1.54648	0.683568	0.861367	-1.15427	0.676196	1.15841	1.15841	0.567559	1.22419	1.22419	2.00641	3.89448	1.72535	1
cg16025444	RLN3	0.169885	0.191522	1.72057	-1.38779	0.547369	0.864649	-1.15408	0.516469	0.768257	-1.30156	0.0422546	0.584204	-1.71142	0.0328078	0.58456	-1.71072	0.0724666	0.472466	-2.11652	0.194182	1.38472	1.38472	0.190503	0.723509	-1.38198	0.661489	1.10916	1.10916	1.0188	1.79847	0.665532	1
cg20344893	LSM14B	0.169889	0.335942	0.821953	-1.21661	0.983802	0.995996	-1.00402	0.926616	1.01837	1.01837	0.852346	1.03751	1.03751	0.0718531	0.67225	-1.48754	0.241512	1.27414	1.27414	0.417743	1.1778	1.1778	0.0549827	0.650492	-1.5373	0.0962201	1.43472	1.43472	2.00638	1.24094	0.549776	1
cg22007666	ESR6G;ESR6G;ESR6G;ESR6G;ESR6G	0.169901	0.318629	0.8616	-1.16063	0.465289	1.11337	1.11337	0.751169	1.05358	1.05358	0.741893	0.953357	-1.04892	0.0149412	0.414142	1.12823	1.12823	0.0853133	0.981157	-1.0192	0.960972	0.992891	-1.00715	0.262881	0.844765	-1.18376	0.0707002	1.64028	1.64028	2.00631	0.6637	0.294051	1
cg02081327	MMEL1	0.169901	0.251919	1.30329	1.24945	0.292214	1.01667	1.01667	0.966569	0.921056	-1.08571	0.947993	1.197	1.197	0.0447892	0.651386	-1.53519	0.130602	1.35502	1.35502	0.125517	0.734514	-1.36145	0.884581	1.0274	1.0274	0.107077	0.720822	-1.3873	2.0063	1.10043	0.487544	1
cg12931616	PLA2G6;PLA2G6	0.169908	0.996007	1.00209	1.00209	0.333839	0.659821	-1.51556	0.347763	0.668139	-1.49669	0.890341	1.05923	1.05923	0.008556773	0.246877	-4.05061	0.395345	0.695511	-1.43779	0.653711	1.20727	1.20727	0.400358	1.43202	1.43202	0.134238	0.509853	-1.96135	2.00626	5.52867	2.44952	1
cg08267072	CTAGE5;CTAGE5;CTAGE5;CTAGE5	0.169915	0.394408	0.869064	-1.15078	0.757548	1.39746	1.39746	0.270045	0.9514	1.04932	0.938061	0.746816	-1.33914	0.3531	1.14706	-1.14706	0.704852	0.93914	-1.06479	0.128406	1.33143	1.33143	0.197186	0.815211	1.22668	0.0292639	0.654609	-1.52763	2.00622	0.864834	0.383179	1
cg08231274	MUDENG;MUDENG;EXOC5;MUDENG	0.169916	0.278986	0.835367	-1.19708	0.0510072	0.699788	-1.429	0.725665	1.05792	1.05792	0.0891758	1.34927	1.34927	0.140756	0.776309	-1.28815	0.142588	0.777345	-1.28643	0.193796	0.804314	-1.24329	0.366375	0.862168	-1.15987	0.401865	0.87187	-1.14696	2.00622	0.811505	0.359551	1
cg17104843	FLVCR1;LOK1;LOK1	0.169917	0.940269	0.9256	1.08036	0.32212	0.0356776	1.27881	0.0621	0.888464	1.12564	0.0886340	1.12848	1.12848	0.0130334	0.824376	-1.21333	0.0234382	1.09705	1.09705	0.0433852	0.944209	-1.06021	0.187102	0.847481	-1.17997	0.23662	0.854051	1.16719	2.00621	0.84851	0.381479	1
cg15386773	C1orf173	0.169921	0.299148	0.752171	-1.32948	0.317992	0.760965	-1.31412	0.674761	0.894319	-1.11817	0.9414	1.01965	1.01965	0.386077	0.790446	-1.26511	0.0606024	0.571265	-1.7505	0.0236697	0.480248	-2.04395	0.434325	0.809674	-1.23506	0.0244319	0.491832	-2.03322	2.00619	2.22548	0.986052	1
cg25548626	PR16;PR16;PR16	0.169923	0.29119	0.870312	-1.14901	0.476163	0.912216	-1.09623	0.896136	0.983573	-1.0167	0.565394	0.928955	-1.07648	0.10097	1.25583	-1.25583	0.27143	1.15626	1.15626	0.0712479	0.774515	-1.29113	0.0830996	1.27883	1.27883	0.351047	1.12944	1.12944	2.00618	0.5110002	0.226412	1
cg26185884	ZC3H3	0.169945	0.140945	1.45394	1.45394	0.2116	0.0355	1.66276	0.145376	0.8182054	1.33534	0.0138242	1.34628	1.34628	0.0145472	0.610231	-1.63904	0.0238555	1.46824	1.46824	0.0154667	0.615962	-1.62355	0.0150551

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1-p-value(105St vs. 047 vs. N)	Ratio(105St vs. N)	Fold-Change(1-p-value(111Rvs. N)	Ratio(111Rvs. N)	Fold-Change(1-p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1-p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(1-p-value(121Rvs. N)	Ratio(121Rvs. N)	p-value(347 vs. N)	Ratio(347 vs. N)	Fold-Change(1-p-value(353T vs. 47 vs. N)	Ratio(353T vs. N)	Fold-Change(1-p-value(537 vs. N)	Ratio(537 vs. N)	Fold-Change(1-p-value(563T vs. 537 vs. N)	Ratio(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg23486773	BEX5;BEX5	0.170181	0.201655	0.284831	-1.51086	0.152163	0.203609	-4.17347	0.846293	0.83463	1.19814	0.138181	1.42303	4.42303	0.917084	0.90756	-1.10186	0.241637	0.15733	0.537307	0.856409	-1.16767	0.763916	0.921217	1.08552	1
cg26416341	CPD21	0.170183	0.0745537	0.582049	-1.71807	0.628872	0.875747	-1.14188	0.021833	2.11645	2.11645	0.57337	0.856409	-1.16767	0.763916	0.921217	1.08552	0.417587	1.25317	2.25317	0.989268	0.996342	-1.00367	0.234565	1.40417	1.40417	0.366748	0.776772	-1.28738	2.00466	2.3564	1.04486	1
cg17822502	RALYL;RALYL;RALYL;RALYL	0.170183	0.255934	0.647482	-1.54444	0.287454	1.49902	1.49902	0.566663	0.808738	-1.23649	0.144214	0.562721	-1.77708	0.904584	0.956099	-1.04493	0.377516	0.717569	-1.3936	0.0594223	0.458453	-2.18125	0.0572705	2.19965	2.19965	0.3870137	0.722541	-1.384	2.00466	4.26517	1.88123	1
cg15597221	ZNF787	0.170186	0.230751	1.35814	1.35814	0.0498455	1.72405	1.72405	0.724063	0.725262	1.33768	1.33768	0.701524	1.0983	1.0983	0.84532	0.953552	-1.04871	0.960829	0.997205	-1.0028	0.0887213	1.57962	1.57962	0.0781036	-1.61063	0.449472	0.828902	2.10641	2.00466	1.88228	0.834632	1
cg20522675	TPRG1L	0.170187	0.0670313	0.435188	-2.29786	0.376786	0.692415	-1.44422	0.401261	0.705968	-1.41655	0.317286	0.657728	-1.52039	0.511859	0.406594	-2.45945	0.362354	0.684247	-1.46146	0.0578799	0.419379	-2.38448	0.0224206	0.330036	-3.02997	0.211082	0.586254	-1.70575	2.00663	5.21472	2.3123	1
cg19764370	RDBD4	0.170189	0.960977	1.02485	1.02485	0.216922	1.91894	1.91894	0.749328	0.851782	-1.17401	0.185095	0.494076	-2.02298	0.121839	2.3194	2.3194	0.0938772	2.51976	2.51976	0.0464808	1.13911	1.13911	0.116268	2.35437	2.35437	0.900662	1.00589	1.00589	0.0402	0.790938	3.54411	1
cg06836087	CTNNBIP1;CTNNBIP1	0.17019	0.451124	0.740443	-1.35054	0.112911	1.96471	1.96471	0.164559	1.78675	1.78675	0.529832	0.779495	-1.28288	0.0334241	0.378031	-2.64528	0.236558	0.615443	-1.62485	0.281083	1.55037	1.55037	0.780957	1.11528	1.11528	0.792915	0.902146	-1.10847	2.00662	4.86367	2.15666	1
cg08711013	SPATA24	0.170193	0.0177474	0.432707	-2.30983	0.76984	1.084	1.084	0.659962	1.20169	1.20169	0.92295	1.02695	1.02695	0.706191	0.901131	-1.10972	0.164937	0.665504	1.50249	0.0178344	0.504864	-1.98072	0.907475	1.03248	1.03248	0.612513	0.890911	-1.15073	2.0066	2.39899	1.06377	1
cg07870854	NARFL	0.170193	0.075358	1.26852	1.26852	0.0369315	1.33792	1.33792	0.35573	1.02089	1.02089	0.276012	1.14585	1.14585	0.430934	1.10139	1.10139	0.311612	1.13401	1.13401	0.502423	0.921482	-1.08251	0.0241081	1.38143	1.38143	0.814021	1.02865	1.02865	0.0458198	0.203177	1
cg17120273	LDB3;LDB3;LDB3;LDB3;LDB3;LDB3	0.170201	0.151236	2.42939	2.42939	0.904808	1.07149	1.07149	0.723897	0.8148811	-1.22717	0.371558	1.69815	1.69815	0.663	3.3439	3.3439	0.273101	1.93155	1.93155	0.0138013	5.79313	5.79313	0.233071	2.05788	2.05788	0.137789	2.5153	2.5153	2.00455	10.576	4.68977	1
cg13531989	ZNF766	0.170202	0.757683	1.02482	1.02482	0.0992527	1.08207	1.08207	0.0994495	0.6415791	-1.55865	0.43311	1.19448	1.19448	0.967585	1.00552	1.00552	0.572184	0.925578	-1.08041	0.168597	0.837994	-1.19376	0.21982	0.909044	-1.10004	0.155596	0.804331	1.15505	1.15505	2.00454	0.582864	0.253463	1
cg18567954	DTX1	0.170202	0.301618	2.16962	2.16962	0.1626961	0.40866	0.40866	0.0190086	0.78078	0.80738	0.890856	1.10447	1.10447	0.598223	1.46941	1.46941	0.731911	1.28259	1.28259	0.636037	1.41202	1.41202	0.78845	1.20345	1.20345	0.995982	1.00365	1.00365	2.00454	16.6203	7.37405	1
cg16159175	MGMT	0.170203	0.804624	0.9353	-1.06918	0.109243	1.61268	1.61268	0.270314	1.36339	1.36339	0.369614	0.779977	-1.28209	0.0156828	0.449637	-2.22401	0.367543	0.888874	-1.12502	0.603085	0.940148	-1.06366	0.696128	1.05176	1.05176	-1.05122	0.0935163	1.2646	1.2646	2.0045	0.514191	0.228017	1
cg05297105	CD63;CD63	0.170211	0.232115	0.852581	-1.17291	0.0196055	1.43173	1.43173	0.230261	1.16881	1.16881	0.369611	0.939975	0.990461	-1.00963	0.939665	1.0066	0.0763185	0.545027	-2.20021	0.0646816	0.436139	-2.29284	0.0141604	0.298805	-3.35514	0.718449	0.865213	-1.15578	2.00466	5.07647	2.25119	1
cg18428516	STRG|AA;STRG|AA;STRG|AA;STRG|AA	0.170218	0.0238506	0.687272	-1.45514	0.153102	0.916324	0.916324	0.110132	0.133423	1.49025	0.263723	0.850369	-1.17596	0.0372226	0.93606	-1.06832	0.153006	1.23727	1.23727	0.313751	0.865562	-1.15524	0.516859	1.09574	1.09574	0.271454	1.17266	1.17266	2.00445	0.644184	0.272482	1
cg14004899	ADARB2	0.170222	0.03785	0.417881	-2.39302	0.0523191	2.22486	2.22486	0.273772	1.51086	1.51086	0.799705	1.09651	1.09651	0.189173	0.604092	-1.65538	0.782649	0.90465	-1.1054	0.502864	1.27939	1.27939	0.394853	0.729223	-1.37132	0.869085	0.941978	-1.0616	2.00443	4.16835	1.8485	1
cg03596016	LOC149134	0.170224	0.204184	1.6268	1.6268	0.0826171	1.31351	1.31351	0.872919	0.803142	-1.24511	0.998518	1.07045	1.07045	0.175495	0.719187	-1.39047	0.798409	1.41979	1.41979	0.522641	0.40095	-2.49312	0.175495	0.719187	1.79187	0.0128425	30.531	30.531	2.00442	55.5406	26.4041	1
cg08292286	TDP1;C4orf14;TDP1	0.170226	0.803586	0.778386	-1.28471	0.0652899	8.7586	8.7586	0.7	0.652595	1.57827	0.578227	0.850369	-1.17596	0.637226	0.93606	-1.06832	0.764729	1.35235	1.35235	0.0186766	0.217664	21.7764	0.217664	0.214706	4.6574	0.145436	4.4104	4.4104	2.2578	26.7337	10.1491	1
cg22234855	PHLDB3	0.170227	0.116752	1.92308	1.92308	0.0799541	2.10751	2.10751	0.0473961	2.3878	2.3878	0.593426	1.22971	1.22971	0.0766765	2.12877	2.12877	0.0660259	2.20632	2.20632	0.0526641	2.32859	2.32859	0.231451	1.61868	1.61868	0.497521	1.30249	1.30249	2.0044	4.67411	2.07282	1
cg09935128	CYB5R1	0.170227	0.242001	1.07452	1.07452	0.24025	1.18609	1.18609	0.0933621	1.67871	1.67871	0.315501	1.25434	1.25434	0.212141	0.804682	-1.24272	0.568592	1.13362	1.13362	0.281657	0.568811	-1.75805	0.97522	0.993262	-1.00678	0.463679	0.850149	-1.17627	2.0044	1.50389	0.660928	1
cg01137949	CNNM3;CNNM3	0.170238	0.072395	0.39599	-2.52532	0.515823	1.35586	1.35586	0.16154	1.99534	1.99534	0.845695	1.0942	1.0942	0.0553763	0.362775	-2.75653	0.273626	0.589238	-1.69685	0.0951616	0.428603	-2.33136	0.0873324	1.07651	1.07651	0.415533	0.680657	-1.46917	2.00434	6.7772	3.00557	1
cg22764925	GGT1	0.170239	0.140537	2.13193	2.13193	-2.5378	0.749851	0.749851	0.0184479	0.43428	0.858168	-1.16516	1.1596	1.1596	0.0139062	0.771955	-1.29555	0.417085	0.731853	-1.36662	0.0691426	0.402995	-2.48157	0.0190857	0.302089	-3.31028	0.657153	0.789492	-1.26664	2.00433	3.12128	1.02535	1
cg02473439	CCAR1	0.170242	0.214533	-2.33909	-2.53223	0.0126336	0.110301	-9.0661	0.0533488	0.210012	-4.76163	0.95654	0.961992	-1.03951	0.273826	0.445	-2.24719	0.633203	0.709581	1.40928	0.264661	0.437522	-2.2856	0.488156	1.65	1.65	0.97773	0.980348	-1.02005	2.00432	16.0488	7.11743	1
cg17849194	UTP3	0.170242	0.933049	0.105335	1.05335	0.582231	0.711103	-1.40627	0.37217	1.76265	1.76265	0.0603786	0.269761	-3.70698	0.985731	1.01152	1.01112	0.027946	0.200553	-4.98621	0.506695	0.659173	-1.51705	0.175289	2.4393	2.4393	0.405874	1.69226	1.69226	2.00431	12.1489	5.38788	1
cg08358932	LIMBTL3;LIMBTL3	0.170245	0.529303	1.19844	1.19844	0.263779	0.930217	-1.07495	0.477763	1.375	1.375	0.0815137	2.34402	2.34402	0.31968	0.737026	-1.35677	0.388027	0.627338	-1.59398	0.0853137	2.34402	2.34402	0.31968	0.737026	-1.35677	0.388027	0.627338	-1.59398	0.0853137	2.34402	2.34402	0.31968	0.737026	-1.35677	1.03394	0.388027	0.627338	1
cg08415281	AASDH	0.170253	0.22906	0.856725	-1.16724	0.00570583	0.641403	-1.55908	0.971954	0.995702	-1.00432	0.732464	1.04294	1.04294	0.596577	1.06764	1.06764	0.432599	1.10309	1.10309	0.607229	0.938453	-1.06558	0.945519	1.00841	1.00841	0.858865	0.97843	-1.02205	2.00425	0.476443	0.211303	1
cg04427755	HNRNPF;HNRNPF;HNRNPF;HNRNP	0.170253	0.480928	1.10697	1.10697	0.147603	1.14633	1.14633	0.307397	1.28708	1.28708	0.0720704	1.02533	1.02533	0.119655	1.07048	1.07048	0.817052	1.10443	1.10443	0.0278842	0.950707	-1.0457	0.0705599	0.972212	-1.02853	0.924965	1.13231	1.13231	2.00425	0.638701	0.283265	1
cg02277710	AHDC1	0.170256	0.525162	1.84368	-1.18528	0.120303	1.56026	1.56026	0.0364597	0.526325	-1.89997	0.127575	1.54488	1.54488	0.746776	1.08132	1.08132	0.187984	1.44529	1.44529	0.136085	0.769947	-1.29879	0.583911	1.15721	1.15721	0.598647	1.15052	1.15052	2.00423	2.2122	0.981125	1
cg15395087	OTUD6A	0.170258	0.555362	1.19647	1.19647	0.0332943	2.113	2.113	0.124672	0.606607	-1.64851	0.331826	0.740025	-1.35131	0.0954581	0.576493	-1.73463	0.904963	1.03657	1.03657	0.23739	1.45095	1.45095	0.88444	1.0447	1.0447	0.894526	0.960897	-1.04069	2.00422	2.87033	1.27302	1
cg06994572	B3GNT4	0.170261	0.2325221	1.61907	1.61907	0.222128	1.76416	1.76416	0.0934347	0.567473	1.76203	0.315502	1.27774	1.27774	0.216447	0.78263	-1.27775	0.779944	0.730833	1.36806	0.0586106	1.51527	1.51527	0.662447	1.54547	1.54547	0.28204	2.29687	2.29687	2.0042	18.1372	8.04407	1
cg03074126	BCAM;BCAM	0.170265	0.468258	0.776782	-1.28736	0.503177	1.26182	1.26182	0.180084	0.515724	-1.93902	0.534635	0.806347	-1.24016	0.011693	0.340166	-2.93974	0.378918	0.734201	1.36203	0.39026	0.739838	1.35165	0.644084	0.852797	-1.17261	0.0749163	0.50717	-1.97173	2.00418	3.18759	1.64926	1
cg11235436	DUSP22;DUSP22	0.170266	0.116988	1.84368	1.84368	0.0202734	1.06282	1.06282	0.0814382	0.808184	1.64288	0.642393	1.52793	1.52793	0.298364	1.52793	1.52793	0.247051	1.29855	1.29855	0.0691426	0.770457	1.29787	0.0388628	1.22729	1.22729	0.0988624	1.00128	1.00128	2.00417	0.0012305	0.000614	1
cg17755518	SLC44A5;SLC44A5	0.170267	0.792707	0.906872	-1.10269	0.219191	0.619036	-1.61541	0.888068	0.949071	-1.05366	0.608751	1.2112	1.2112	0.698693	0.865568	-1.15531	0.23224	0.628143	-1.59199	0.0255022	0.373365	-2.67835	0.0764732	0.270635	0.07635	0.019514	0.598556	-1.67068	2.00417	4.37262	1.93935	1
cg18229647	ZNF428	0.17027	0.988204	1.00106	1.00106	0.193367	0.905734	-1.10408	0.0759791	1.15264	1.15264	0.276555	1.08482	1.08482	0.280451	1.08405	1.08405	0.172506	1.08482	1.08482	0.280451	1.08405	1.08405	0.172506	0.944254	-1.05911	0.385168	0.939762	-1.06514	0.148365	1.11798	1.11798	2.00415	0.16425	0.0728491	1
cg03335128	GNB1	0.170267	0.259969	1.04193	1.04193	0.0417058	0.920066	-1.08688	0.0577921	1.31955	1.31955	0.516879	1.16898	1.16898	0.447253	1.16898	1.16898	0.0438027	1.34098	1.34098	0.162793	0.734507	1.36203	0.39026	0.739838	1.35165	0.644084	0.852797	-1.17261	0.0749163	0.50717	-1.97173	2.00418	3.18759	1.64926	1.64926	0.339189	1
cg13071326	HIP1	0.170273	0.304796	0.851446	-1.17447	0.0415112	0.700669	-1.42721	0.0577747	0.72278	-1.38355	0.545586	0.91159	-1.09698	0.322552	1.16723	1.16723	0.230163	0.828688	-1.20673	0.0968836	0.758986	-1.31755	0.722653	1.05541	1.05541	0.138115	0.785358	-1.27331	2.00413	0.726903	0.322402	1
cg22556816	KIF20B	0.170275	0.0814548	0.889652	-1.11154	0.0101643	0.519334	0.519334	0.441701	0.51197	1.51197	0.944003	1.03771	1.03771	0.341335	0.596477	-1.67651	0.353594	1.16027	1.16027	0.302928	0.492464	-2.03161	0.444655	0.684668	-1.45673	0.0979115	1.24519	1.24519	2.00384	8.81386	3.94075	1
cg18356799	DSC1;DSC1;DSC1;DSC1	0.170281	0.091691	2.60839	-3.83378	0.40332	1.86458	1.86458	0.850605	1.14677	1.14677	0.736714	0.783335	-1.27659	0.0425081	0.284444	-3.42169	0.10881	2.82051	-1.54546	0.0558775	0.208562	-4.79474	0.784189	1.21977	1.21977	0.242519	0.412656	-2.42332	2.0041	16.6227	7.37276	1
cg14046470	TDRD6;TDRD6	0.170286	0.42342	0.851668	-1.17417	0.0508665	1.54777	1.54777	0.381038	0.838247	-1.19297	0.171631	0.716254	-1.39615	0.140139	0.732206	-1.36574	0.36291	0.832243	-1.20157	0.40247	1.18324	1.18324	0.229955	1.28062	1.28062	0.596117	1.11075	1.11075	2.00405	1.22399	0.542895	1
cg08797483	CALCR;CALCR	0.170292	0.2537909	0.818663	-1.22139	0.0183548	0.713929	0.713929	0.0124708	0.225315	1.44353	0.0124708	0.225315	1.44353	0.0124708	0.225315	1.44353	0.319981	1.0904	1.0904	0.0972705	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	1.14249	0.319981	1.0904	0.0972705	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931	0.343869	-2.90931

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg12402129	MEGF11	0.170599	0.773217	1.088558	1.088858	1.020579274	2.89154	2.89154	0.146259	1.58111	1.58111	0.717115	1.1128	1.1128	0.743033	0.907887	1.10146	0.825358	1.06707	1.08707	0.263084	1.40571	1.40571	0.336626	1.13778	1.13778	0.699263	0.802232	-1.12078	1.20058	2.73668	1.21473	1
cg03340619	PYROXD2	0.17054	0.794662	1.05286	1.05286	0.912594	0.954177	-1.04802	0.445644	0.857662	-1.16596	0.17315	0.751063	-1.33145	0.890486	1.02758	1.02758	0.45191	1.16341	1.16341	0.00727371	1.98125	1.98125	0.957497	0.980517	-1.01059	0.874207	0.969194	-1.03178	1.20258	1.23708	0.549104	1
cg02103294	SDCBP;SDCBP-SDCBP-SDCBP-SDCBP;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;	0.17054	0.0835163	0.746376	-1.33981	0.140599	1.27387	1.27387	0.187717	1.23763	1.23763	0.180307	0.804712	-1.24268	0.880835	0.977352	-1.02317	0.7550047	0.739223	-1.35277	0.97614	1.00458	1.00458	0.620687	1.07916	1.07916	1.344234	1.16042	1.16042	1.20527	0.739626	0.3283	1
cg00957580	NDRG2;NDRG2;NDRG2	0.17054	0.304943	1.4628	1.4628	0.393228	0.731155	-1.3677	0.1283	0.555111	-1.80144	0.662986	1.16999	1.16999	0.614872	1.19917	1.19917	0.288318	1.48389	1.48389	0.175686	1.67453	1.67453	0.0478136	2.24827	2.24827	0.0735046	2.04299	2.04299	0.00257	4.06556	1.8046	1
cg01468420	SYNGAP1	0.94831	1.041963	1.01963	1.01963	0.732875	0.902739	-1.10774	0.156171	1.57318	1.57318	0.617949	0.860552	-1.16205	0.653404	1.05124	1.05124	0.854008	1.046503	-1.05652	0.414584	1.407139	-2.45593	0.792356	0.824225	-1.08199	0.869024	0.951904	-1.01053	1.20257	2.82826	1.25583	1
cg21245092	C14orf115	0.17054	0.451422	0.754359	-1.32563	0.135947	0.554143	-1.80459	0.0316612	0.39632	-2.52322	0.123592	0.541845	-1.84555	0.0516786	0.443248	-2.25607	0.439771	0.748648	-1.33574	0.093015	0.507155	-1.97178	0.0583158	0.455641	-2.19471	0.756099	0.89219	-1.12084	2.00253	4.28101	1.90027	1
cg23449974	COMMD3	0.17054	0.520999	1.32011	1.32011	0.604452	0.801054	-1.24836	0.5315987	1.27516	1.27516	0.885494	0.940295	-1.06351	0.267407	0.924644	-1.08145	0.0112914	0.238057	-1.87511	0.191099	0.668425	-1.50642	0.365769	1.42057	1.64057	0.13277	1.53191	1.53191	1.00252	5.77968	2.56551	1
cg00197480	SUPT16H	0.17052	0.0589826	0.825034	-1.21207	0.272298	0.902073	-1.10856	0.0359049	0.802404	-1.24625	0.206616	0.886798	-1.12765	0.119648	0.858733	-1.16451	0.725995	1.03224	1.03224	0.561778	0.948465	-1.05434	0.539132	0.945488	-1.05705	0.209715	1.12663	1.12663	0.20251	0.2579994	0.11452	1
cg05382730	PHB2;EMG1;EMG1;PHB2	0.17053	0.520564	0.916841	-1.0907	0.147945	1.2299	1.2299	0.646968	1.0634	1.0634	0.490578	0.910871	-1.09785	0.0905974	0.779917	-1.28219	0.430769	0.898338	-1.11317	0.811918	1.03229	1.03229	0.0710557	1.30844	1.30844	0.0818487	1.29312	1.29312	2.0025	0.563669	0.2502007	1
cg23164630	GPR182	0.17055	0.304953	1.75018	1.75018	0.44202	0.554552	-1.57592	0.5343981	0.539088	-1.86885	0.695405	0.790172	-1.26555	0.678479	1.03977	-1.04077	0.631522	1.13987	1.13987	0.182324	1.62214	1.62214	0.377751	1.35376	1.35376	0.202049	2.32192	2.32192	1.03068	1		1
cg25599673	ST6GAL1;ST6GAL1;ST6GAL1	0.17056	0.764921	0.931212	-1.07387	0.0431404	0.575254	-1.73836	0.500404	0.849972	-1.17651	0.172607	1.41194	1.41194	0.190195	0.975559	1.02505	0.282164	1.766744	1.30422	0.581615	1.14141	1.14141	0.843956	1.04795	1.04795	0.0411506	1.75052	1.75052	1.20248	1.79121	0.795105	1
cg07400063	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.170557	0.319605	0.688596	-1.45223	0.10841	0.529779	-1.88758	0.833581	0.926515	-1.07931	0.369775	0.71596	-1.39673	0.331136	0.695065	-1.43871	0.121465	1.83871	1.83871	0.0202088	0.362034	-2.76218	0.215619	0.62327	-1.60444	0.565478	0.809971	-1.23461	1.20248	4.17352	1.8526	1
cg07561554	CYB61	0.17056	0.34276	1.11717	1.11717	0.432451	1.09506	1.09506	0.0511194	1.28634	1.28634	0.260708	1.16295	1.16295	0.197358	1.03127	1.03127	1.31175	1.31175	0.0799212	1.24641	1.24641	0.817336	0.974114	-1.02657	0.265013	0.87662	-1.14074	0.808813	1.02907	1.02907	2.04004	0.407526	0.180902	1
cg25123632	HLA-DCNNA00171	0.17056	0.313605	1.16586	1.16586	0.222465	1.42575	1.42575	0.128753	1.64444	1.64444	0.0955205	1.34801	1.34801	0.193726	1.36434	1.36434	0.919459	1.1183	1.1183	0.243059	1.86042	1.86042	0.026355	18.3998	18.3998	0.0418807	13.4154	13.4154	0.00363	18.7358	17.2312	1
cg09547081	8RD2;8RD2	0.17056	?	?	?	0.136759	4.85794	4.85794	?	?	?	0.509953	0.531083	-1.88295	?	?	?	0.476102	1.98808	1.98808	?	?	?	0.278621	0.338138	-2.95738	0.071949	0.13124	-7.61962	2.48173	17.6322	7.10479	1
cg06828129	NONO;BC079N1;NONO;NONO;NONO	0.17056	0.777413	0.888269	-1.12579	0.0988355	0.464755	-1.24349	0.0167924	0.284964	-3.39025	0.642181	1.29425	1.29425	0.0469844	0.386543	-2.58703	0.879465	0.938531	-1.06549	0.886771	1.06137	1.06137	0.685388	0.794302	-1.25897	0.751002	1.14235	1.14235	2.00242	5.54248	2.46094	1
cg27567206	AFAP1;AFAP1	0.17058	0.208279	0.773157	-1.2934	0.168229	1.32946	1.32946	0.187279	0.762582	-1.31133	0.150209	0.741481	-1.34865	0.682662	0.923378	-1.08298	0.304621	1.02352	1.02352	0.682395	1.03806	-1.08036	0.0750979	1.46869	1.46869	0.127947	1.37597	1.37597	0.20241	1.19272	0.529458	1
cg02669656	ATP6V1C1	0.17059	0.677077	0.937705	-1.06643	0.736762	1.05318	1.05318	0.667567	1.06861	1.06861	0.55192	0.912019	-1.09647	0.95748	0.991845	-1.00822	0.0517043	0.717720	-1.40503	0.0303959	0.67652	-1.47815	0.464643	1.12108	1.12108	0.119684	1.29602	1.29602	0.20241	0.747995	0.332042	1
cg10948657	OCA2	0.17057	0.0700207	0.645461	-1.54928	0.0304506	0.82315	-1.21355	0.215057	0.754045	-1.32618	0.729445	1.07802	1.07802	0.146702	0.713969	-1.40062	0.428573	1.91022	1.91022	0.0993904	1.47798	1.47798	0.183773	1.94933	-1.05137	0.0952723	0.672707	-1.48653	2.0024	1.14871	0.658635	1
cg26688893	CNTNAP2;CNTNAP2	0.17057	0.560728	0.924556	-1.0816	0.231758	1.18205	1.18205	0.0167861	1.45775	1.45775	0.588154	1.07563	1.07563	0.593274	1.07453	1.07453	0.0871508	0.777343	-1.28643	0.331142	1.14036	1.14036	0.932952	0.988842	-1.01128	0.381819	1.12705	1.12705	2.0024	0.563905	0.250324	1
cg15867652	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.17057	0.699721	0.931081	-1.04499	0.134552	1.31818	1.31818	0.13492	1.48518	1.48518	0.0189848	1.59367	1.59367	0.0178485	1.37482	1.37482	0.616897	1.1183	1.1183	0.243059	1.37436	-1.76545	0.0152941	1.23124	-4.32437	0.587644	0.592376	1.68812	2.0024	1.07207	1.22705	1.28795	1
cg10492935	NOXO1;NOXO1;NOXO1	0.17057	0.062574	0.21822	-4.58254	0.0834101	0.248578	-4.02289	0.234515	0.404475	-2.47234	0.476851	0.591319	-1.69313	0.0833366	0.248478	4.0245	0.112925	0.285569	-3.50179	0.0328243	0.16308	-6.13196	0.0768143	0.239445	-4.17632	0.354883	0.500913	1.99635	0.20239	16.7326	7.42782	1
cg15570241	AMOT;AMOT	0.17057	0.105386	0.26933	-3.71291	0.84203	1.15946	1.15946	0.553765	1.55024	1.55024	0.626075	1.47669	1.47669	0.786186	0.987245	-1.01292	0.0249557	0.13831	-7.23014	0.683145	1.35529	1.35529	0.0796305	1.19825	1.19825	0.8910108	0.903346	-1.107	1.20237	17.4356	7.73997	1
cg16256492	ZBTB7B	0.17057	0.347527	0.814582	-1.22777	0.144409	1.18112	1.18112	0.0796702	1.19637	1.19637	0.0776808	1.26029	1.26029	0.0655301	1.14825	1.14825	0.0135735	0.363102	1.17347	0.223894	1.32143	1.32143	0.211667	1.24955	1.24955	0.347006	1.84875	-1.17817	0.20237	0.9093975	0.4036	1
cg18764438	SNX4	0.17057	0.403978	1.15582	1.15582	0.30216	0.834218	-1.19873	0.482308	1.12873	1.12873	0.90897	1.01958	1.01958	0.60822	1.09163	1.09163	0.209151	1.25168	1.25168	0.022496	0.629094	-1.58959	0.120136	1.33096	1.33096	0.381983	1.16421	1.16421	0.20237	0.911906	0.404812	1
cg09382107	CDC25A;CDC25A	0.17057	0.26583	0.680908	-1.46937	0.800759	1.00562	1.00562	0.676884	0.860732	-1.16182	0.654278	0.964808	-1.03678	0.873634	1.00002	-1.99987	0.291261	0.68343	-1.46321	0.654736	0.994121	-2.01379	0.481603	1.29188	1.29188	0.0562075	0.471623	-1.22304	0.20236	3.83103	1.7002	1
cg16474696	MRI1;MRI1	0.17058	0.165537	0.276551	-4.20785	0.940028	1.07584	1.07584	0.960577	1.01154	1.01154	0.391202	1.34796	1.34796	0.0343597	1.10013	1.10013	0.211779	1.78592	-1.58948	0.208837	0.276053	-3.62249	0.550059	1.79952	1.79952	0.142818	2.16488	2.16488	4.6192	0.20235	0.39351	13.2889	1
cg06750585	CHPF2;CHPF2	0.17059	0.579872	0.904535	-1.10554	0.311774	1.20656	1.20656	0.988904	0.997732	-1.00227	0.571836	1.10795	1.10795	0.154855	1.11624	1.11624	0.900469	1.02271	1.02271	0.0260619	0.622593	-1.60619	0.832854	1.03865	1.03865	0.0322845	1.56808	1.56808	0.20235	1.0211	0.453288	1
cg27624178	C15orf24;PSBD4	0.17059	0.345481	0.83138	-1.20284	0.154568	1.23192	1.23192	0.187	1.27387	1.27387	0.150862	1.19362	1.19362	0.0914624	1.39966	1.39966	0.294404	1.10453	-1.05496	0.519622	1.1003	-1.18658	0.794912	1.1003	1.10412	0.822613	0.965063	-1.0362	2.00235	0.97547	0.353128	1
cg16712103	B3GALT2;CDC73	0.17059	0.501201	0.675958	-1.47938	0.344187	1.74884	1.74884	0.488398	1.66785	-1.49749	0.165374	2.33685	2.33685	0.0267585	0.300762	2.32489	0.147209	2.44067	2.44067	0.263665	0.512515	-1.95116	0.102847	2.62482	2.62482	0.685656	0.791813	-1.26292	2.00234	0.1436	4.63279	1
cg13447639	MRVI1;SNF1IP3;PNF189	0.17061	0.398324	0.844908	-1.18385	0.244492	1.35241	1.35241	0.0853	1.36185	1.36185	0.0174102	1.34597	1.34597	0.0337053	1.10702	1.10702	0.0150904	0.454015	-2.20344	0.0240087	0.350933	-2.85011	0.0100304	0.543934	-1.84182	0.0497684	0.388334	1.28314	2.0024	1.00333	0.1260	0.128795	1
cg13753209	CLTC	0.17063	0.186668	0.803688	-1.24426	0.052178	1.41173	1.41173	0.703736	0.942094	-1.06147	0.503041	0.899324	-1.11195	0.0902847	0.74719	1.33835	0.465923	0.890613	-1.12282	0.623696	1.08026	1.08026	0.48711	0.895628	-1.11654	0.0597328	0.717704	-1.39333	0.20233	0.77298	0.343148	1
cg17309610	SPIS2B	0.17063	0.409602	1.32258	1.32258	0.706596	1.13357	1.13357	0.932542	0.972321	-1.02846	0.936521	1.02676	1.02676	0.0496783	0.476012	-2.10079	0.454017	1.2877	1.2877	0.0242734	0.241581	-4.25181	0.188926	1.58634	1.58634	0.36103	1.36519	1.36519	0.20232	3.48549	1.54731	1
cg06056346	NFRKB;ZNFKBZ;STRAG;STRAG;STRAG;STRAG;STR	0.170467	0.190467	1.22958	1.22958	0.179744	1.38438	1.38438	0.30388	0.559141	1.10273	1.10273	1.03724	1.03724	0.283522	1.23198	1.23198	0.0244404	1.10727	1.10727	0.0244404	1.3755	1.3755	0.0244404	1.71952	-1.01996	0.0775258	1.4461	1.4461	1.20231	1.07207	0.497543	1
cg11787522	A6	0.17085	0.202138	0.585187	-1.70886	0.017888	0.318195	-3.14273	0.0527737	0.416474	-2.40111	0.0422437	0.394192	-2.53684	0.283962	0.642185	1.55718	0.538568	0.780563	-1.28113	0.321302	0.665188	-1.50333	0.272469	0.634791	-1.57532	0.220646	1.599099	-1.66917	0.20231	5.02012	2.22859	1
cg14752990	HIST1H2AI;HIST1H2BM	0.17085	0.815533	0.930483	-1.07471	0.978783	1.08023	1.08023	0.0473538	2.01277	2.01277	0.0972374	0.57056	-1.75266	0.479284	1.24825	1.24825	0.411678	1.29538	1.29538	0.159312	1.58898	1.58898	0.156067	1.59657	1.59657	0.0934869	1.7661	1.7661	1.20231	3.0145	1.33823	1
cg24049084	ZNF568	0.17087	0.376298	0.778348	-1.28477	0.191893	0.682993	-1.46414	0.0864399	0.592901	-1.68662	0.746735	0.914452	-1.09355	0.730841	0.909095	-1.1	0.779649	1.08048	1.08048	0.0572063	1.83182	1.83182	0.238074	0.711006	-1.40646	0.0653847	0.565048	-1.76976	0.2023	2.41552	1.07233	1
cg20787153	PDE4DIP;PDE4DIP;PDE4DIP	0.17087	0.189881	1.54224	1.54224	0.479081	0.6479	-1.55054	0.0576884	0.29529	-3.38645	0.0139451	0.420787	-2.38007	0.0160255	0.320787	-3.11	0.540127	0.765517	-1.30601	0.348189	1.31134	1.31134	0.218326	1.70454	1.70454	0.0702	1.6121	1.6121	0.23557	1.70454	1.70454	0.0702	1.6121	1.6121	0.23557	1
cg05172693	CKAP4	0.17088	0.0317184	0.0197438	-50.6489	0.826161	0.763391	-1.30995	0.276726	0.171457	-5.83238	0.117437	14.1619	14.1619	0.0231138	12.4919	12.4919	0.553617	0.392981	-2.54465	0.961779	1.07756	1.07756	?	?	?	0.619659	0.458453	-2.18125	2.01602	68.9561	34.2042	1
cg11106794	PCBD2	0.17089	0.633932	1.22484	1.22484	0.324204	0.38404	-2.60651	0.0496501	0.248661	-4.01805	0.0168631	0.176818	-5.65863	0.0192788	0.172626	-5.79245	0.550448	1.27356	1.27356	0.179564	1.89381	-1.1188	0.153751	0.45264	-2.20948	0.0154252	0.774322	-1.29125	2.00233	0.0909175	0.4036	1
cg09496385	PTPRN2;PTPRN;2-PTPRN2	0.17091	0.155148	0.625662	-1.59831	0.581617	0.842358	-1.18714	0.293061	1.39965	1.39965	0.863234	1.05459	1.05459	0.0128717	0.385965	-2.59091	0.150665	0.621998	-1.60772	0.20927	0.665014	-1.50373	0.901863	1.03876	1.03876	0.855076	1.05798	1.05798	2.00228	3.01317	1.33766	1
cg26935626	BET1	0.17093	0.0501358	0.547004	-1.82824	0.783291	1.17334	1.17334	0.48284	1.21061	1.21061	0.141532	0.652317	-1.53286	0.0881503	0.601907	-1.66139	0.753689	1.08877	1.08877	0.126426	1.54579	1.54579	0.0443168	1.24105	1.24105	0.0750885	1.16275	1.16275	1.20227	2.31507	1.10775	1
cg21485555	TTYH2;TTYH2	0.17094	0.301299	0.840898	-1.18901	0.89217	1.02219	1.02219	0.342363	0.853603	-1.17151	0.764423	1.04272	1.04272	0.0497079	0.872501	-1.4613	0.839441	1.03337	1.03337	0.00769985	1.74027	1.74027	0.387799	1.15326	1.15326	0.765208	1.04965	1.04965	2.00226	0.83021	0.368565	1
cg24031446	RGS12;RGS12;RGS12	0.17094	0.262088	0.752702	-1.32855	0.00806882	0.438531	-2.28034	0.606411	1.13457	1.13457	0.23427	1.35379	1.35379	0.461299	0.833433	-1.19986	0.815264	0.944729	-1.05851	0.899275	1.03124	1.03124	0.327278	0.782177	-1.27848	0.503937	0.848099	-1.17911	2.00226	1.87154	0.830856	1
cg13201297	LINGO4;LINGO4	0.17095	0.104864	0.596298	-1.67693	0.151568	0.774253	-1.29156	0.515168	0.74787	-1.33713	0.471891	0.924589	-1.08159	0.462202	0.916923	-1.09053	0.334815	1.01236	1.01236	0.904757	0.842757	-1.18658	0.794912	1.0412	1.04212	0.822613	0.965063	-1.0362	2.00225	0.97547	0.353128	1
cg05970916	LOC100188947	0.17097	0.173017	0.583024	-1.7152	0.126663	0.54077	-1.84922	0.0539489	0.443045	-2.2571	0.634743	0.836882	-1.19491	0.0310828	0.38999	-2.56417	0.0622129	0.45789	-2.18393	0.0715329	0.472943	-2.11442	0.706614	0.868748	-1.15108	0.503313	0.776677	-1.28754	2.00224	4.39043	1.94912	1
cg14726307	CR1;CR1	0.17097	0.357397	0.821516	-1.21731	0.164671	2.08007	2.08007	0.0934443	0.637197	-1.56921	0.0815561	0.668624	-1.49553	0.477436	0.719007	-1.39063	0.406782	1.47317	1.47317	0.161887	1.505683	-1.07553	0.0231206	0.349939	0.34999	0.7239	1.57576	1.57576	2.0022	6.04705	2.934	1
cg09132619	ATXN1;ATXN1	0.17097	0.419534	0.771901	-1.2955	0.130671	0.599083	-1.66922	0.0677738	0.526111	-1.90074	0.155263	0.832127	-1.20161	0.0134925	0.661554	-1.51167	0.55871	0.830584	-1.20397	0.213405	0.68652	-1.45632	0.708251	1.12524	1.12524	0.559051	1.04508	-1.18341	2.0022	1.12454	1.33816	1
cg12556325	C7orf29;IRC6;LRRC61	0.17097	0.635024	0.766485	-1.30466	0.93896	0.9583	-1.04351	0.886923	0.923917	-1.08235	0.160946	2.6612	2.6612	0.0977255	0.364049	-2.74688	0.0786805	0.92678	1.96278	0.0975514	2.7486	2.7486	0.840546	0.80401	-1.11856	0.141732	2.40776	2.40776	2.00218	9.80847	4.35456	1
cg10967532	PACS2;PACS2	0.17061	0.0244443	0.724264	-1.38081	0.116664	0.298245	1.7403	0.0138	0.0930904	1.7403	0.0138	0.0930904	1.7403	0.0138	0.0930904

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105T vs. 047 vs. N)	Fold-Change(1-p-value(111T vs. N)	Fold-Change(1-p-value(117 vs. N)	Fold-Change(1-p-value(112T vs. N)	Fold-Change(1-p-value(121T vs. N)	Fold-Change(1-p-value(121T vs. 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. 47T vs. N)	Fold-Change(1-p-value(353T vs. N)	Fold-Change(1-p-value(353T vs. 53T vs. N)	Fold-Change(1-p-value(537T vs. N)	Fold-Change(1-p-value(537T vs. 37T vs. N)	Fold-Change(1-p-value(563T vs. N)	Fold-Change(1-p-value(563T vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg14598643	RPRD1A	0.170799	0.219475	1.0274999	-1.37931	1.05810539	1.61887	-1.61887	0.547357	1.16375	1.16375	0.0700826	0.6039	-1.6559	1.196625	0.71177	-1.40495	0.731385	0.919761	-1.08961	1.352067	1.20394	1.20394	0.4803594	1.193	1.193	1.18631	1.14755	1.41755	2.00107	1.96565	0.8731858	1
cg11596397	UVRAG	0.170806	0.373522	1.12298	1.122268	1.312136	0.813109	-1.22985	0.0339799	0.730327	-1.36925	0.131071	1.22997	1.210972	1.076512	1.08841	1.08841	0.536828	1.08264	1.08264	1.07617	0.9628	1.0383	0.9268	1.07603	1.07603	1.204138	1.18549	1.20103	0.5109008	0.2269554	1
cg06403156	ADARB2	0.170806	0.888376	1.03338	1.03338	1.169649	0.71034	-1.40778	0.8544044	0.957964	-1.04388	0.488398	0.846266	-1.17688	0.358576	0.801951	-1.24696	0.103199	1.51697	1.51697	1.16145	0.706993	-1.41444	0.0566774	0.603909	-1.65588	0.1566662	1.42502	1.42502	2.00103	1.73217	0.7696461	1
cg15887497	RABS5;RAB35	0.170807	0.688348	1.23396	1.23396	0.929906	0.955164	-1.04694	0.764437	0.854966	-1.16964	0.122194	0.417352	-2.3951	0.00810205	0.171362	-5.8356	0.425715	0.654355	-1.52829	0.70889	0.361542	-2.76933	0.606645	0.762777	-1.311	0.8034435	0.8780806	-1.13887	2.00102	0.615567	3.82723	1
cg25653141	BLM	0.170807	0.231296	0.790316	-1.26532	0.214888	1.2787	1.2787	0.882914	1.02814	1.02814	0.0324148	1.60256	1.60256	0.54635	0.4376	0.963525	0.594541	1.10645	1.10645	1.290457	0.813358	-1.22947	1.012806	1.38406	1.38406	0.243315	0.794621	-1.25846	2.00102	1.12371	0.4991773	1
cg19317258	NAV1	0.170807	0.02090764	0.224589	-4.45258	0.15361	0.382603	-2.61368	0.06032258	0.865854	-1.76146	0.560903	0.695441	-1.43752	0.108363	0.334418	-2.99027	0.761256	0.826488	-1.20994	0.06311595	0.270577	-3.69581	0.241187	0.464281	-2.15387	0.06477133	0.273313	0.6588	2.00102	12.3941	5.5057	1
cg02278165	COX7A2L	0.170812	0.669831	0.925977	-1.07994	0.909879	1.02051	1.02051	0.414516	1.16132	1.16132	0.15615	0.761833	-1.31262	0.29843	1.21319	1.21319	0.03003	0.63279	-1.5803	0.427962	0.864928	-1.15617	0.451683	1.14739	1.14739	0.104711	1.37431	1.37431	2.00099	1.01888	0.4526113	1
cg21249563	C2orf71	0.170822	0.444745	0.752628	-1.32868	0.29642	0.879751	-1.13671	0.123302	0.540919	-1.83851	0.0892588	1.96089	1.96089	0.150104	0.509826	-1.96154	0.114053	0.684	-1.46199	0.30496	0.678371	-1.47338	0.855316	0.926876	-1.07889	0.0732297	2.072645	2.072645	2.00093	4.21682	1.87327	1
cg20258944	TAS1R2	0.170824	0.326795	1.23344	1.233444	1.159601	0.732373	-1.36542	0.0452423	0.853243	1.172	0.0788271	0.981623	-1.01872	0.176838	0.742655	-1.34652	0.165384	0.735913	1.35886	0.2299744	0.744572	0.726286	-1.38373	0.312483	1.24176	1.24176	2.00092	1.36113	0.6046468	1
cg18461693	NSF	0.170833	0.848517	1.06111	1.06111	0.0563018	0.511503	-1.95502	0.0700744	0.533565	-1.87419	0.523697	1.22195	1.22195	0.290358	0.711508	-1.40547	0.960105	0.984604	-1.01564	0.05490009	1.96454	1.96454	0.78981	0.920473	-1.0864	0.443215	0.78467	-1.27442	2.00087	3.04884	1.35445	1
cg20541635	ARVCF	0.170834	0.980745	1.02949	1.029494	1.0135	1.070557	-1.02401	0.8691126	0.914007	-1.09398	0.4804668	0.934097	-1.07044	0.3508442	0.900777	-1.11068	0.498108	0.905804	-1.10399	0.3178826	0.907177	-1.41407	0.304971	0.824998	-1.21212	0.1679779	1.23578	1.23578	2.00087	0.6556889	0.2912291	1
cg24692861	C3orf33	0.170834	0.170582	0.515261	-1.94076	0.0202493	3.56817	1.63187	0.131598	0.47731	-2.09508	0.685136	1.20349	1.20349	0.246041	0.576231	-1.73542	0.864801	1.08051	1.08051	0.411655	0.682882	-1.46438	0.753264	0.866508	-1.15406	0.452068	0.706023	-1.41639	2.00087	6.54262	2.90657	1
cg21183461	DUOX1;DUOX1	0.170834	0.0906273	0.426447	0.6408	0.2428551	5.73524	5.73524	0.482812	1.70626	1.70626	0.708337	1.32516	1.32516	0.088237	0.69238	0.49028	0.124225	0.627327	-2.94007	0.0584176	1.82706	1.82706	0.615618	1.15336	1.15336	0.67363	0.887459	-1.12681	2.00085	2.5173	1.11833	1
cg24269791	PKP4;PKP4	0.170837	0.463964	0.810515	-1.23378	0.102367	0.604217	-1.65503	0.478228	0.816107	-1.22533	0.670182	0.886571	-1.12794	0.0587688	0.537402	-1.82514	0.126225	0.627327	-1.59407	0.0584176	1.82706	1.82706	0.615618	1.15336	1.15336	0.67363	0.887459	-1.12681	2.00085	2.5173	1.11833	1
cg08009993	ZNF14;ZNF14	0.170837	0.529751	1.08222	1.08222	0.484658	1.092015	1.09215	0.679287	1.05296	1.05296	0.47861	0.914468	-1.09353	0.0243285	0.139535	1.39535	0.844553	1.02467	1.02467	0.0408863	0.746069	-1.34036	0.847001	0.976415	-1.02415	0.310767	1.13903	1.13903	2.00085	0.4882227	0.2168898	1
cg18165248	PFDN2;NIT1	0.170845	0.0188617	0.460665	-2.19777	0.331793	0.761214	-1.31369	0.361347	1.2895	1.2895	0.691044	1.88206	-1.1333	0.0793666	0.158221	-6.31	0.15017	0.644554	-1.55122	0.295661	0.744156	-1.34381	0.638165	1.13777	1.13777	0.237483	0.713755	-1.40104	2.0008	2.32591	1.04532	1
cg04479219	SLITRK5	0.170845	0.0383702	0.487278	-2.05222	0.400849	0.772872	-1.29388	0.561829	1.19213	1.19213	0.818546	0.933467	-1.07128	0.181371	0.653695	-1.52977	0.080725	0.559728	-1.78658	0.1295561	0.612214	-1.63342	0.0882958	0.56923	-1.75676	0.0707425	0.546073	-1.83126	2.0008	2.84457	1.26375	1
cg07339932	PKD1;PKD1	0.170847	0.545093	0.862736	-1.1591	0.71954	1.205648	1.205648	0.887135	1.57653	1.57653	0.761057	0.92911	-1.0763	0.815994	1.05124	1.05124	0.471456	1.19314	1.19314	0.461474	1.1981	1.1981	0.617824	0.8858	-1.12892	0.167677	0.701508	-1.4255	2.00079	1.84164	0.818186	1
cg01342926	MFSD8;C4orf29	0.170847	0.446542	0.67887	-1.47304	0.26794	1.77904	1.77904	0.07568621	2.67035	2.67035	0.125403	2.2987	2.2987	0.652779	2.14489	2.14489	0.784659	0.8722	-1.14653	0.7239391	1.1893	1.1893	0.8970232	0.442851	2.44251	0.0727393	1.063708	2.71662	2.00079	7.8971	3.50844	1
cg13228576	ASB18	0.170848	0.118894	0.346835	-2.88322	0.0788973	0.295033	-3.38945	0.315	0.522044	-1.91555	0.259166	0.478806	-2.08853	0.0251745	0.180061	-5.28929	0.325365	0.529763	-1.88764	0.0449761	0.23707	-4.21817	0.270352	0.487726	-2.05033	0.0820664	0.299616	-3.3376	2.00078	12.4021	5.50988	1
cg11224062	CCDC163P	0.170849	0.289757	0.823192	-1.21624	0.949341	1.138	1.0134	0.840975	0.893553	-1.12447	0.413804	0.865694	-1.1605	0.879838	1.022932	-1.02732	0.387324	1.17033	1.17033	0.0760586	1.78386	1.78386	0.512578	0.948302	-1.12562	0.8502277	1.10424	1.10424	2.00078	1.00599	0.4440313	1
cg13840782	KCNQ1;KCNQ1	0.170853	0.686564	1.24204	1.24204	0.0119396	0.18709	-5.34503	0.240285	0.518434	-1.92889	0.652625	1.27393	1.27393	0.892302	0.58642	-1.70526	0.823083	1.12711	1.12711	0.377994	0.25109	2.15109	0.997599	1.00161	1.00161	0.277067	0.5466	-1.82949	2.00076	0.4098628	0.41936	1
cg25698940	CLL48;CLL48	0.170853	0.182813	0.387105	-2.58644	0.0263243	0.0363535	27.5077	0.0175	0.462143	-2.16572	0.0881483	0.308467	-3.24242	0.0135836	0.338817	-2.95133	0.309064	0.556019	-1.79907	0.0223645	0.320807	-3.11643	0.0268809	0.559169	-1.78809	0.0223645	0.315663	-3.16762	2.00076	7.98099	3.98999	1
cg04406454	TFAP2A;TFAP2A;TFAP2A	0.170863	0.300993	0.657388	-1.52117	0.315753	0.666304	-1.50082	0.966029	1.01681	1.01681	0.28923	0.65012	-1.53818	0.0575228	0.431377	2.31816	0.342018	0.68167	-1.46699	0.0212579	0.338315	-2.95583	0.387575	1.41431	1.41431	0.0970154	0.490196	-2.04	2.00069	1.85464	2.15687	1
cg10108542	RDBP;SKIV2L;RDBP	0.170864	0.151098	0.312718	-1.23044	0.0936827	1.28207	1.28207	0.220057	1.18982	1.18982	0.524755	0.916791	-1.09076	0.678124	1.05787	1.05787	0.093295	1.28252	1.28252	0.0881106	0.775948	-1.28875	0.592387	0.929747	-1.07556	0.937713	1.01059	1.01059	2.00069	0.57567	0.255765	1
cg14462015	FAQB;SYAQR3	0.170864	0.654541	0.950234	-1.05237	0.307706	0.886267	-1.12833	0.362234	0.899298	-1.11198	0.620563	0.945708	-1.05741	0.529518	0.889238	-1.12443	0.0875308	0.495584	1.32559	0.0640832	0.790423	-1.26514	0.0222062	1.36438	1.36438	0.663496	1.05087	1.05087	2.00069	0.4070939	0.180844	1
cg06006130	DNAJA2	0.170866	0.0290043	0.741371	-1.34985	0.107053	0.885202	-1.12969	0.199823	1.17055	1.17055	0.339118	0.891762	-1.12137	0.164438	0.841588	-1.18823	0.833792	1.02473	1.02473	0.486129	1.08576	1.08576	0.675384	0.952212	-1.05019	0.164988	1.18793	1.18793	2.00068	0.4283329	0.190304	1
cg03707502	SCU;SCU	0.170869	0.048314	0.250334	-3.99466	0.934868	1.07595	1.07595	0.664889	0.565069	-1.76972	0.271993	0.496264	-2.01539	0.0163244	0.165848	-6.0286	0.0997	0.327287	-3.05542	0.2153848	0.44775	-2.23339	0.0167334	0.548111	-1.82445	0.1443221	0.880955	-1.13529	2.00066	11.9106	5.29184	1
cg25265126	L1RN;L1RN;L1RN	0.170871	0.0521498	0.336294	-2.97311	0.0980632	0.194515	5.141	0.20326	0.297693	-3.35918	0.779131	0.775956	-1.28873	0.0622741	1.150412	6.6481	0.315764	0.392259	-2.54933	0.0361617	0.111008	-9.00818	0.180121	0.276851	-3.61205	0.0947097	0.190805	-5.24094	2.00065	25.7925	11.4596	1
cg03149454	DYNLRB1	0.170873	0.12462	0.338927	-2.192	0.62455	0.949228	-1.05349	0.733314	0.964517	-1.03679	0.0655691	0.803876	-1.24397	0.0257471	0.755956	-1.32283	0.0740422	0.810334	-1.23406	0.0808065	0.815024	-1.22696	0.733006	0.964475	-1.03683	0.83412	1.0224	1.0224	2.00064	0.3535897	0.157101	1
cg07134241	ARHDC4;ARRDC4	0.170875	0.0562692	0.55094	-1.81586	0.0444	1.0117	1.0117	0.684301	1.00134	1.00134	0.240975	0.835553	-1.24447	0.413804	0.806904	-1.2395	0.0884	0.516667	-1.93548	0.0211632	0.2095	-4.77273	0.0206241	0.417579	-2.39475	0.0212579	0.2038	-4.90677	0.0456	-1.01458	2.00063	1.09599	0.4469313	1
cg05639982	APOL1;APOL1	0.170877	0.273718	0.62001	-1.61288	0.926481	0.962008	-1.03949	0.770145	0.884593	-1.13046	0.513667	1.3206	1.3206	0.0370282	0.361927	-2.76299	0.102576	2.16629	2.16629	0.0152989	0.304031	-2.59387	0.67312	0.836877	-1.19492	0.793452	1.11642	1.11642	2.00062	0.58074	0.24957	1
cg29981905	UBTD1;MMS19	0.170878	0.3666603	0.7945	-1.25854	0.0342124	0.0363535	27.5077	0.0175	0.462143	-2.16572	0.0881483	0.308467	-3.24242	0.0135836	0.338817	-2.95133	0.444315	0.7204	-1.38846	0.1855	0.4569	-2.18907	0.2350015	0.6922	-1.44	0.3722222	1.1284	1.1284	2.00059	0.8780958	0.3744045	1
cg18184975	GFRA4;GFRA4	0.170883	0.136023	1.76765	1.76765	0.829325	0.926304	-1.07956	0.0525802	0.457725	-2.18472	0.37466	1.38144	1.38144	0.376748	1.37939	1.37939	0.594854	1.82668	1.20966	0.348687	1.40793	1.40793	0.241338	0.54483	1.54483	0.0567227	1.14853	2.14853	2.00058	1.98419	1.77024	1
cg11928782	IGF2AS;IRS-IGF2;IGF2;IGF2AS;IGF2	0.170885	0.992181	1.00712	1.007012	0.763952	1.24369	1.24369	0.17967	2.80661	2.80661	0.783199	1.22107	1.22107	0.39372	0.531192	1.88256	0.487741	0.600192	-1.66613	0.2998054	0.458365	-2.18167	0.0150818	0.69547	0.69547	0.13837	0.17497	3.17497	2.00057	16.6145	7.38212	1
cg21058842	MRPL44	0.170888	0.6545411	0.950234	-1.05237	0.307706	0.886267	-1.12833	0.362234	0.899298	-1.11198	0.620563	0.945708	-1.05741	0.529518	0.889238	-1.12443	0.0875308	0.495584	1.32559	0.0640832	0.790423	-1.26514	0.0222062	1.36438	1.36438	0.663496	1.05087	1.05087	2.00069	0.4070939	0.180844	1
cg25533943	LOC100133991	0.170893	0.175844	0.473416	-2.11231	0.153661	0.21142	2.21142	0.705046	0.820723	-1.21844	0.60214	0.332468	-3.00781	0.122666	0.419361	-2.38458	0.693267	0.81445	-1.22782	0.0598052	0.331737	-3.01443	0.132458	0.430214	-2.32442	0.4683555	0.681589	-1.46716	2.00052	8.55211	3.79994	1
cg16963396	PTPN22;PTPN22;PTPN22	0.170894	0.0481354	0.257745	-3.87945	0.74785	0.847403	-1.18004	0.0422508	0.347557	-2.87703	0.0162624	0.109141	-9.16186	0.0056728	0.095384	-10.4846	0.160334	0.689743	-1.45361	0.7115431	0.39295	-2.54486	0.1933938	0.615185	-1.62498	0.2106666	0.7104	-1.40806	2.00052	0.4774798	0.2128476	1
cg17064564	RASL10A;RASL10A	0.170898	0.0295391	2.19668	2.19668	0.584626	0.844064	-1.18474	0.140436	0.61445	-1.62747	0.40976	1.2955	1.2955	0.776776	0.916406	-1.09122	0.672818	0.877709	-1.13933	0.0153107	0.512808	-1.95005	0.68509	1.13338	1.13338	0.864779	1.05374	1.05374	2.00049	2.98819	1.32776	1
cg26747299	CCDC120;CCDC120;CCDC120;CCDC120	0.1709	0.197172	0.618937	-1.61567	0.0169478	0.358861	-2.78659	0.141827	0.573609	-1.74335	0.524049	1.25508	1.25508	0.125906	0.558369	-1.79093	0.0665191	0.48478	-2.06279	0.433523	0.75486	-1.32475	0.645559	0.849618	-1.177	0.286586	0.677462	-1.4761	2.00048	3.92318	1.74321	1
cg04956949	STX1A;STX1A	0.17109	0.0325444	0.325562	-3.07161	0.0420313	0.861684	0.911577	-1.097	0.386508	0.671559	-1.48907	0.163503	0.611753	0.656586	-1.52303	0.619999	1.25131	1.25131	0.907331	0.10562	0.476373	1.38337	1.38337	0.293968	0.63709	-1.57037	0.613372	0.633907	2.00048	0.63732	2.83209	1
cg02745566	KIF23;KIF23	0.17109	0.93938	1.03995	1.039954	0.912396	1.112516	1.11252	0.772	1.13772	1.13772	0.0244015	1.4236	1.4236	0.488683	1.809153	1.80915	1.201317	1.03597	1.03597	0.8321107	1.03597	1.03597	0.8321107	1.03597	1.03597	0.8321107	1.03597	1.03597	2.00048	0.1192	0.0572979	0.325514	1
cg24401487	GAUNT2	0.170902	0.0737106	0.308841	-3.23792	0.0550858	0.277551	-3.60294	0.010995	0.152559	-6.55486	0.437067	0.626743	-1.59555	0.240297	0.484541	-2.06381	0.300952	0.513718	1.8807	0.285222	0.519882	-1.92351	0.277902	0.514288	-1.94444	0.385467	0.591935	-1.68937	2.00047	11.004	4.88952	1
cg10021614	PRDM16;PRDM16	0.170902	0.17441	0.54028	-1.85102	0.0242917	0.191369	5.22963	0.0186	0.162259	-6.16293	0.0421566	0.147828	6.76393	0.0142162	0.147828	6.76393	0.950047	0.9846	-1.01564	0.7352965	0.704825	1.41962	0.0419645	0.750889	1.33153	0.7080447	0.594411	1.68126	2.00045	0.7508881	0.3153175	0.2080447	1
cg09541675	FAM71E1;C19orf63;C19orf63	0.170903	0.147641	1.53881	1.538811	0.782515	1.165999	-1.5899	0.0867733	0.342384	2.04712	0.0427142	0.269643	-3.71154	0.0625067	0.19301	5.1801	0.0397993	0.26286	-3.80431	0.0139636	0.15641	6.39393	0.0170834	0.730734	1.36938	0.0758571	0.850931	1.17518	2.00045	10.0126	4.44904	1
cg19420604	MARCH10;MARCH10	0.170906	0.127826	0.370272	-2.70072	0.2754422	4.82002	4.82002	0.596336	1.3807	1.3807	0.962186	1.02902	1.02902	0.91098	0.934735	-1.06982	0.138603	0.382075	-2.61729	0.576637	0.711501	-1.40548	0.127753	0.37019	-2.70131	0.7682112	1.19524	1.19524	2.00045	11.5382	5.12692	1
cg26462496	TXN	0.170907	0.437398	1.18397	1.183967	0.0844	0.0363535	27.5077	0.0175	0.462143	-2.16572	0.0881483	0.308467	-3.24242	0.0135836	0.338817	-2.95133	0.158003	1.58355	1.58355	0.0282834	0.128439	7.78586	0.0128439	0.355564	-1.73743	0.7704857	1.06434	1.06434	2.00045	0.6319292	1.10796	0.4739404	1
cg03843170	TREM1	0.170909	0.689607	0.894401	-1.11807	0.181801	1.48289	1.48289	0.129485	1.57674	1.57674	0.844193	1.05622	1.05622	0.0506365	0.538411	-1.85732	0.146526	0.648418	1.54222	0.214143	1.43847	1.43847	0.61433	1.15171	1.15171	0.338698	0.760219	-1.31544	2.00043	2.44829	1.08789	1
cg18372790	LRP5	0.170909	0.4983227	0.84291	-1.18637	0.180807	0.965595	-1.03563	0.526261	1.17521	1.17521	0.46773	0.832389	-1.20165	0.9375	0.880693	-1.01969	0.377726	0.709112	-1.25233	0.0604422	0.241307	2.41307	0.0415	0.847224	-1.18033	0.9751	1.00779	1.00779	2.00043	1.95815	0.870103	1
cg19330114	PARK2;PARK2;PARK2	0.170909	0.308682	0.803174	-1.29844	0.0601976	0.21554	-4.24556	0.0790698	0.15803	0.103801	0.134726	0.332891	-3.00398	0.120384	0.516922	-1.93535	0.115018	0.310705	-3.21848	0.0444289	0.225695	-4.43075	0.0577377	0.22141	-4.52133	0.26229	0.450561	-2.21956	2.00043	14.7402	6.54978	1
cg04132998	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.170912	0.248422	0.689259	-1.45083	0.334321	1.3595	1.3595	0.777616	0.916372	-1.09126	0.143542	0.615834	-1.62381	0.127844	0.929421	-1.07594	0.157907	0.627706	-1.5931	0.0154031	0.399693	-2.50192	0.197835	1.13737	1.13737	0.153213	0.623914	-1.60279	2.00041	3.03197	1.33927	1
cg00976797	IFT140	0.170913	0.134434	0.279859	-3.57323	0.2729	0.406423	-2.46049	0.0187347	0.105643	-9.46583	0.618613	1.48584	1.48584	0.225147	0.365981	-2.73238	0.376074	0.488345	-2.04773	0.0464226	0.165319	-6.0489	0.757298	1.27709	1.27709	0.3114435	0.437679	-2.28478	2.00041	19.7237	8.7643	1
cg09662751	SLC5A12	0.170917	0.7627	0.947649	-1.05524	0.280433	0.819369	-1.22045	0.2605467	0.631171	-1.23197	0.752613	0.185775	5.383775	0.0161739	0.103735	9.63925	0.729875	1.06348	1.06348	0.0775054	0.884184	1.13084	0.963902	-1.03745	0.4990747	1.33258	1.13258	2.00041	0.9989829	0.444388	1
cg13748794	MTHFD1L	0.170917	0.207491	0.40567	2.402613	0.243119	0.243119	0.786425	0.8538	-1.19646	0.237177	2.2657	2.2657	0.30774	2.20942	0.20942	4.77242	0.185401	2.52809	0.046732	4.58274	0.546735	0.58669	0.5086	0.0470319	4.48707	0.0470319	4.48707	2.00038	13.8185	6.14039	1
cg01703733	GPR142	0.170917	0.787862	0.943563	-1.05981	0.60521	0.909198	-1.09987	0.638993	0.90324	-1.10713	0.506876	0.864989	-1.15608	0.704659	0.921253	-1.08548	0.226625	1.31447	1.31447	0.00748896	2.09906	2.09906	0.640471	0.903651	-1.10662	0.471289	0.853091	-1.17097	2.00038	1.46975	0.653097	1
cg16780688	MIA2	0.170918	0.64927	1.39311	1.393111	0.4618	0.703196	1.42196	0.4434	0.70773	-1.4131	0.674113	0.756199	-1.32234	0.0444344	0.756199	-1.32234	0.0504	0.6461	-1.54783	0.0166099	0.0966699	-10.3445	0.687347	0.740049	-1.34039	0.605637	0.685818	-1.45841	2.00038	16.6231	7.38176	1
cg12655169	GLI1;GLI1;GLI1	0.170918	0.251942	0.830603	-1.20394	0.0429334	0.143518	1.43518	0.139755	1.27944	1.27944	0.992004	1.00156	1.00156	0.167868	0.796169	-1.25602	0.469494	0.892151	-1.12089	0.210197	0.814828	-1.22725	0.28653	1.18725	1.18725	0.684587	0.938629	-1.06538	2.00038	0.76195	0.33858	1
cg13997990	DSCAML1	0.170919	0.0914941	0.416911	-2.39881	0.188207	0.965595	-1.03563	0.526261	1.17521	1.17521	0.46773	0.832389	-1.20165	0.9375	0.880693	-1.01969	0.288844	0.645755	1.54855	0.147408	0.598519	-1.6713	0.0601097	0.885904	-1.0143	0.9228218	0.888316	-1.12505	0.719234	0.7726611	1.29357	2.00037	0.8229	0.3502	1
cg25052456	FLJ32063	0.170922	0.0579811	17.191	17.191	0.204658	0.908054	1.90854	0.283642	4.38607	4.38607	0.449427	0.359517	-2.78151	0.0404263	23.1422	23.1422	0.55085	0.448891	-2.22771	0.0594506	16.8398	16.8398	0.42577	2.94302	2.94302	0.89192	1.09774	1.09774	2.00035	18.7085	24.7994	1
cg18407864	PTK2B;PTK2B;PTK2B;PTK2B	0.170925	0.0580188	0.277057	-3.60937	0.108139	0.34993	-2.85771	0.0859038	0.32081	-3.11711	0.257109	0.492385	-2.03093	0.0405875	0.242571	-4.12521	0.346978	0.559834	-1.78624	0.0344327	0.228154	-4.38301	0.254647	0.490419	-2.03907	0.4189556	0.609748	-1.64002	2.00034	11.3683	5.05175	1
cg23709902	SRCN1	0.170926	0.369814	0.805144	1.243717	0.119355	1.16106	1.16106	0.325825	1.44188	1.44188	0.880697	0.957709	-1.04416	0.0134158	0.693824	-1.44152	0.0205648	2.2314	2.2314	0.0204843	0.16536	6.04651	0.0198409	1.28888	1.28888	0.795234	0.927903	-1.0777	0.0033	2.82256	1.16539	1
cg13319761	OR4A47	0.170933	0.0123978	0.0504805	-19.8096	0.781108	0.765486	-1.30636	0.22748	0.29629	-3.37507	0.30254	0.358929	-2.78607	0.0890697	0.165462	-6.04368	0.157743	0.234772	-4.25945	0.938221	0.928331	-1.0772	0.142787	0.220656	-4.53193	0.10384	0.18154	-5.50843	2.00029	29.1582	12.9573	1
cg19823453	USE1	0.170934	0.0664

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg06835506	TRIO	0.171099	0.152762	0.790388	0.134212	0.114351	0.718927	-1.39096	0.688972	0.925605	-1.08037	0.134803	0.753605	-1.36313	0.910315	0.978582	-1.02189	0.649964	0.915957	-1.09175	0.022283	1.6927	1.6927	0.770385	0.945316	-1.05785	0.725818	0.934584	-1.06099	1.09933	1.16808	0.519767	1
cg22938407	CEP72 KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.171099	0.458071	0.90226	-1.10833	0.0459695	1.36525	1.36525	0.0971812	1.28119	1.28119	0.124817	1.25379	1.25379	0.0605612	1.3338	1.3338	0.0676105	1.32141	1.32041	0.302085	1.15665	1.15665	0.714769	1.05123	1.05123	0.461457	1.10744	1.10744	1.99933	0.586692	0.26084	1
cg13239126	6	0.171102	0.0531576	0.173237	-5.77244	0.706601	1.35222	1.35222	0.765482	0.787654	-1.26959	0.492761	0.573579	-1.74344	0.068376	0.196286	-5.0946	0.920459	1.08296	1.08296	0.0219507	0.1115555	-8.96417	0.140665	0.282359	-3.5416	0.294877	0.42028	-2.37937	1.99931	20.1609	8.96348	1
cg02365078	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.171107	0.262211	0.689932	-1.44942	0.819907	0.927106	-1.07862	0.264406	1.44675	1.44675	0.237809	1.43555	1.43555	0.0217588	0.417105	-2.39748	0.859499	0.9453	-1.05787	0.127669	0.592774	-1.68698	0.310453	1.30542	1.30542	0.615541	0.8515	-1.1744	1.99828	3.1917	1.41905	1
cg27507284	NFE2L2;NFE2L2;NFE2L2	0.171109	0.991106	1.00284	1.00284	0.139314	1.49957	1.49957	0.99128	1.00279	1.00279	0.105174	0.637071	-1.56968	0.0307247	0.523976	-1.90848	0.79478	1.06864	1.06864	0.593154	0.871677	-1.14721	0.164683	1.45865	1.45865	0.362178	0.787793	-1.26937	1.99927	2.05352	0.913011	1
cg06180227	MAPK13	0.171117	0.00961563	4.21274	4.21274	0.117764	2.10668	2.10668	0.075886	2.40107	2.40107	0.921275	0.957556	-1.04433	0.727057	0.854296	-1.17055	0.967025	1.0183	1.0183	0.759977	1.1439	1.1439	0.331987	1.54835	1.54835	0.596227	1.26441	1.26441	1.99922	6.09598	2.70998	1
cg05165064	OVOL2	0.171118	0.11126	1.2294	1.2294	0.073173	0.788294	-1.26856	0.0772545	0.791481	-1.26345	0.683923	0.95244	-1.04993	0.503318	0.08422	1.54622	0.991241	1.29496	1.24596	0.789164	1.03242	1.03242	0.704557	1.0464	1.0464	0.756743	0.963686	-1.03768	1.99922	0.448744	0.19952	1
cg08144145	KCNT1	0.171122	0.912746	1.04341	1.04341	0.659141	0.841978	-1.18768	0.021527	0.342849	-2.91674	0.842997	1.07992	1.07992	0.901151	0.952064	-1.04936	0.310421	1.50221	1.50221	0.0303213	0.372622	-2.68369	0.709702	0.865039	-1.15602	0.209859	0.599063	-1.66927	1.99919	4.75978	2.11631	1
cg03737712	TBRG1;TBRG1;TBRG1	0.171123	0.866123	1.02963	1.02963	0.302006	1.19021	1.19021	0.151202	1.26012	1.26012	0.132496	1.08353	1.08353	0.244222	1.03179	1.03179	0.751422	0.95202	1.05042	0.0404803	1.44176	1.44176	0.945502	1.02472	1.02472	0.0284553	1.49155	1.49155	0.750852	0.33656	1
cg03321142	IGSF9;IGSF9	0.171126	0.130613	1.7069	1.70619	0.19708	0.0422408	-1.55739	0.291062	1.43083	1.43083	0.465039	0.784172	-1.27523	0.038879	0.457519	-2.1857	0.22348	0.658215	-1.51926	0.749766	1.11031	1.11031	0.287667	1.51137	1.51137	0.934291	1.02733	1.02733	1.99917	3.38544	1.50526	1
cg07576186	PDHB	0.171128	0.525136	0.904247	-1.56139	0.995348	1.00369	1.00369	0.0502853	1.48353	1.48353	0.0953645	0.281967	-1.54652	0.160319	2.82313	2.82313	0.552155	1.51614	1.51614	0.3415563	1.95226	1.95226	0.549831	1.5995	1.5995	0.792686	2.83538	2.83538	1.99915	15.1585	6.73999	1
cg09042952	LOC338799	0.171133	0.0628024	1.384012	-2.60409	0.0189387	1.61448	1.61448	0.445964	1.23549	1.23549	0.54814	1.32026	1.32026	0.8127	0.897161	-1.11463	0.138336	2.07399	2.07399	0.716919	0.846646	-1.18113	0.927091	1.04273	1.04273	0.635877	1.24365	1.24365	1.99915	6.61794	2.94256	1
cg05836788	FLEKHS;PLEKHG5;PLEKHG5;PLEKHG5	0.171131	0.137267	0.5606333	-1.7837	0.470522	0.766885	-1.30398	0.283094	1.49673	1.49673	0.608258	0.829514	-1.20553	0.0575037	0.459926	-2.17426	0.851703	0.934575	-1.07	0.0292346	0.395028	-2.53146	0.0844889	0.5016	-1.99362	0.556877	0.806684	-1.23964	1.99914	4.1388	1.84026	1
cg14442785	CA2	0.171131	0.156903	2.4084	2.4084	0.916961	0.941249	-1.06242	0.851275	1.11513	1.11513	0.307508	1.84646	1.84646	0.0937443	2.91539	2.91539	0.57501	1.38942	1.38942	0.263756	0.508479	-1.96665	0.0293068	4.43943	4.43943	0.070241	3.2378	3.2378	1.99914	10.6717	4.74501	1
cg24090475	WDPY3;WDFY3	0.171134	0.168544	0.60858	-1.64305	0.2110251	0.6325	-1.58278	0.0137019	0.346726	-2.88429	0.449769	0.765386	-1.30637	0.162836	0.597871	-1.67321	0.0690084	0.493077	-2.02808	0.489625	0.783571	-1.27621	0.594006	1.20558	1.20558	0.205502	0.625073	-1.59981	0.99913	3.82347	1.70006	1
cg04735310	MIR194;MIR194-2	0.171134	0.917582	1.064151	-1.03718	0.141405	1.04004	1.04004	0.784243	1.01664	1.01664	0.0150829	1.69201	1.69201	0.334772	0.704045	-1.42026	0.470615	2.171929	-1.29546	0.0131611	0.970181	-1.03074	0.596052	1.20766	1.20766	0.043794	1.02518	1.02518	1.99912	3.93855	1.75123	1
cg08017231	OGDH	0.171138	0.262979	1.35177	1.35177	0.549343	0.855155	-1.16938	0.231317	0.72305	-1.38303	0.920711	0.974613	-1.02605	0.858297	1.04724	1.04724	0.874429	0.959975	-1.04169	0.00736454	2.44008	2.44008	0.446764	1.22176	1.22176	0.929406	1.02315	1.02315	1.9991	2.11207	0.939118	1
cg21226754	RBM22	0.171143	0.302632	0.78302	-1.2773	0.392204	0.95969	-1.042	0.0963534	0.574512	-1.74061	0.946867	0.979978	-1.02043	0.0233872	0.439546	-2.27507	0.0395371	0.48553	-2.0596	0.14853	0.623047	-1.60477	0.891339	1.04225	1.04225	0.185927	0.653381	-1.5305	1.99907	2.91568	1.29646	1
cg21494636	TFRC;TFRC;TFRC	0.171144	0.0788868	0.789396	-1.26679	0.484357	0.917475	-1.08995	0.67256	1.05287	1.05287	0.193435	1.1815	1.1815	0.431394	0.90726	-1.10222	0.0290198	0.73205	-1.36603	0.138437	0.824216	-1.21327	0.495943	1.0874	1.0874	0.547063	0.928807	-1.07665	1.99906	0.465058	0.206789	1
cg16440299	NUP93	0.171145	0.96233	0.982914	-1.01746	0.754494	0.726574	1.37545	0.0156433	0.139211	2.36364	0.0829959	0.694156	1.44002	0.0553223	0.324564	3.08307	0.747803	0.888608	1.12536	0.3703913	0.834385	-1.22792	0.610613	1.85201	1.85201	0.110021	0.52952	1.8885	1.99906	4.4288	1.88861	1
cg21725624	KIF13A;KIF13A;KIF13A;KIF13A	0.171146	0.990185	1.00244	1.00244	0.0521835	0.645259	-1.54977	0.392206	1.18992	1.18992	0.358131	0.829128	-1.20609	0.0698276	0.668864	1.49507	0.444293	1.67731	1.67731	0.883868	0.971423	-1.02942	0.0337291	0.611462	-1.63542	0.718276	0.930655	-1.07451	1.99905	1.24586	0.553977	1
cg18526861	MRPS7;MRPS7;GSA3;GSA3	0.171151	0.701028	0.920411	-1.08647	0.248553	1.2958	1.2958	0.00493702	2.22652	2.22652	0.716641	0.92463	-1.08151	0.821102	1.04961	1.04961	0.712992	1.08267	1.08267	0.727558	1.07809	1.07809	0.932763	1.01831	1.01831	0.223725	1.31627	1.31627	1.99903	1.46326	0.650655	1
cg25934268	TRRAP	0.171151	0.206196	1.22201	1.22201	0.723627	1.55505	1.55505	0.105471	1.2706479	-1.30467	0.387845	1.14922	1.14922	0.936544	0.986096	-1.01318	0.720624	1.05548	1.05548	0.610717	1.61967	1.61967	0.69865	1.66024	1.66024	0.974292	1.00486	1.00486	1.99903	0.715822	0.318298	1
cg09787123	SLC45A1	0.171154	0.103241	0.624552	-1.60115	0.0509724	1.7989	1.7989	0.025075	0.494658	-2.0216	0.991681	0.997252	-1.00276	0.8348444	0.94635	-1.05669	0.992373	1.00253	1.00253	0.905776	1.03177	1.03177	0.504763	0.836298	-1.19575	0.887522	0.96331	-1.03809	1.99901	2.20862	0.982097	1
cg11853607	CDH4	0.171155	0.350453	0.60512	-1.65247	0.0948224	1.54929	1.54929	0.0475029	0.640346	2.2209	3.2209	0.997362	1.00158	0.9973568	0.999504	-1.00118	0.538074	1.38463	1.38463	0.433972	0.5183	1.92963	0.0299	0.8662	1.15402	0.6459	0.8662	1.83599	1.99901	8.62667	3.83599	1
cg15747712	SERPINB2;SERPINB2	0.171156	0.333966	1.55351	1.55351	0.210547	1.79181	1.79181	0.198258	0.994066	-1.00597	0.028746	0.319735	-1.12759	0.527855	1.32676	1.32676	0.656896	1.826073	-1.21851	0.252067	0.588247	-1.69708	0.079701	2.36247	2.36247	0.896699	1.94196	-1.0591	1.999	6.18684	2.75108	1
cg13308744	EIF1AY	0.171157	0.416424	0.542068	-1.84479	0.699642	1.33087	1.33087	0.454176	1.75441	1.75441	0.103562	3.77042	3.77042	0.382266	1.91608	1.91608	0.639572	0.706272	-1.41589	0.0389951	0.1717744	-5.82262	0.0909605	0.253182	-3.94661	0.410494	0.537654	-1.85993	1.99899	17.2105	7.65298	1
cg06864127	RNF212;RNF212	0.171159	0.0976642	1.352267	-1.83875	0.0199186	1.32016	1.32016	0.499226	1.6884084	-1.46682	0.456084	1.54623	1.54623	0.0787958	1.712392	1.712392	0.516065	1.551731	1.551731	0.0749307	1.445176	-2.14052	0.250744	0.50265	-1.9918	0.0684942	0.977578	-1.02294	1.99898	10.4363	4.64073	1
cg03226203	PLEC1;PLEC1;PLEC1;PLEC1	0.171161	0.665077	1.17688	1.17688	0.117148	1.88974	1.88974	0.446751	1.33656	1.33656	0.316862	0.699146	-1.10597	0.0287476	0.340353	2.93812	0.398149	1.38193	1.38193	0.3413611	1.442484	1.442484	0.916981	1.03976	1.03976	0.518632	1.782954	-1.27721	1.99897	4.42669	1.96843	1
cg08355678	RCN3	0.171164	0.597651	1.134448	1.134448	0.0345031	1.37287	1.37287	0.114126	1.50253	1.50253	0.0611467	1.59703	1.59703	0.0460602	1.900454	1.900454	0.359042	1.44167	1.44167	0.0153389	1.702703	1.702703	0.0602668	1.911253	1.911253	0.0170739	1.54855	1.54855	1.99896	1.77363	0.790073	1
cg15738933	14L1;SEC14L1	0.171168	0.567531	1.12604	1.12604	0.0136335	2.72384	2.72384	0.108701	2.12479	2.12479	0.183805	1.83565	1.83565	0.442902	0.713881	-1.40079	0.306237	1.57827	1.57827	0.767582	1.13618	1.13618	0.0745987	2.21283	2.21283	0.556984	1.29332	1.29332	1.99892	5.87478	2.61242	1
cg23299127	MAP3K6	0.171172	0.037343	0.60634	-1.64904	0.0617004	0.900868	-1.11004	0.0298817	0.589153	-1.69735	0.0420502	0.615675	-1.62423	0.755116	0.972722	-1.06093	0.77543	1.042498	-1.06101	0.871581	1.03406	1.03406	0.640257	0.907143	-1.10236	0.558884	1.13019	1.13019	1.9989	1.35719	0.603528	1
cg23584144	DACT2	0.171173	0.294426	0.897644	-1.11403	0.0283426	0.773356	-1.29307	0.791982	0.974094	-1.02659	0.343694	1.10171	1.10171	0.280862	1.11773	1.11773	0.701086	0.962425	-1.03904	0.0554525	0.806092	-1.24055	0.280233	0.894528	-1.11791	0.585571	1.0562	1.0562	1.99889	0.33216	0.138814	1
cg07973294	CPNE5	0.171174	0.668325	1.07598	1.07598	0.0913597	0.954979	-1.04707	0.0410599	0.544602	-1.83707	0.146109	1.44609	1.44609	0.888021	1.03594	1.03594	0.0638326	0.64645	-1.54842	0.0436485	1.33767	1.33767	0.30861	1.15767	1.15767	0.105995	0.794263	0.993227	1.99889	1.82209	0.810266	1
cg00455018	C20orf107;C20orf107	0.171174	0.186597	0.550494	-1.81655	0.470021	0.730783	-1.36802	0.334654	0.654273	-1.52842	0.447853	0.380368	-2.62903	0.0212971	0.307264	-3.25453	0.186611	0.550505	-1.81651	0.0596534	0.404056	-2.47491	0.506678	0.750325	-1.33276	0.109252	0.474928	-2.10558	1.99889	3.75502	2.55921	1
cg14136168	QSOX2	0.171175	0.766876	0.858114	-1.16535	0.022504	4.08223	4.08223	0.192581	2.0336	2.0336	0.314894	0.585732	-1.70227	0.323752	0.591821	-1.6897	0.936219	0.815813	-1.22577	0.132655	0.413578	-2.30532	0.912863	1.05796	1.05796	0.35697	0.614088	-1.62843	1.99888	8.38651	3.72942	1
cg24864663	TGM5;TGM5	0.171176	0.1100864	1.6011	1.6011	0.0629652	0.8588	-1.16439	0.0387521	0.5664	-1.76514	0.0988788	0.665585	-1.50262	-2.14784	0.65624	-1.52439	0.0863884	1.88822	1.88822	0.0476997	0.4934	-2.02706	0.541564	0.8638	-1.15737	0.0977771	1.00844	1.00844	0.493203	0.882	-1.13371	1.99888	0.8788	1.26089	1
cg03174933	RBM46	0.171178	0.123799	0.442519	-2.25979	0.0670059	0.366333	-2.72975	0.10529	0.422314	-2.36791	0.925995	1.06449	1.06449	0.0872754	0.283812	-3.53207	0.40154	1.5219	1.5219	0.187573	0.505046	-1.98002	0.450343	0.68646	-1.45675	0.957211	0.974098	-1.02659	1.99887	7.57371	3.36799	1
cg04373435	CTNNA2;CTNNA2	0.171179	0.734244	1.08152	1.08152	0.394594	1.32408	1.32408	0.230683	1.24083	1.24083	0.0397096	1.57063	1.57063	0.567316	0.658284	-1.51883	0.364182	2.12083	2.12083	0.231376	0.422364	-2.36762	0.224867	0.88188	-1.13408	0.884103	0.864248	-1.15708	1.99887	4.09331	1.81966	1
cg04995860	ZYG11B	0.171181	?	?	?	0.382545	1.02812	1.02812	0.028491	0.037973	-26.3345	0.180814	0.170759	-5.8562	0.507195	2.29589	2.29589	0.86946	1.22475	1.22475	0.234142	4.70373	4.70373	?	?	0.565006	2.05056	2.05056	2.12132	38.8565	18.3172	1
cg20465954	SOX7	0.171181	0.395918	0.678874	-1.47303	0.0183776	3.40584	3.40584	0.169384	0.514299	-1.94539	0.194298	0.541723	-1.84596	0.401426	0.684839	-1.46012	0.779091	1.13496	1.13496	0.743115	0.72347	-1.38414	0.572414	0.775592	-1.28934	0.14891	0.501176	-1.99298	0.98985	6.28322	2.79417	1
cg14410516	PDSS2;PDSS2	0.171184	0.358559	0.582292	-1.71441	0.0630099	0.241015	-4.16364	0.028364	0.228178	-4.38254	0.483309	0.665787	-1.50196	0.101007	0.404939	-2.46951	0.29762	0.539816	-1.85248	0.661486	0.777565	-1.28606	0.345992	2.00058	2.00058	0.913079	0.953177	-1.04912	1.99883	0.32312	0.5899	1
cg20379170	PTPRS;PTPRS;PTPRS;PTPRS	0.171189	0.11153	2.79932	2.79932	0.465542	1.55435	1.55435	0.0376046	4.18909	4.18909	0.112996	2.78557	2.78557	0.305594	0.532586	-1.87763	0.996872	1.00233	1.00233	0.2788	0.512343	-1.95182	0.143274	2.54506	2.54506	0.491871	1.51376	1.51376	1.99881	11.1654	4.96538	1
cg22825479	FAM101A;FAM101A	0.171191	0.898618	0.964999	-1.03657	0.0794196	1.32081	1.32081	0.0203359	1.34174	1.34174	0.623087	1.23824	1.23824	0.261449	1.192	1.192	0.704974	0.612667	-1.63221	0.141612	0.505715	-1.9774	0.314861	0.638848	-1.56571	0.134467	1.52177	-1.52177	1.9988	0.408533	0.164983	1
cg10152633	PTPN2;PTPN2;PTPRN2	0.171197	0.700844	0.722445	-1.38419	0.732681	0.749198	-1.33476	0.415191	0.495875	-2.01664	0.804665	1.23207	1.23207	0.038704	0.13314	-7.51087	0.138548	2.261057	-1.83044	0.0197253	0.0933178	-10.7161	0.854704	1.16694	1.16694	0.101981	0.221458	-4.51552	1.9988	22.4545	9.98579	1
cg12741355	ISM1	0.171197	0.787238	0.938013	-1.06608	0.173837	0.708809	-1.41065	0.860788	1.0424	1.0424	0.323629	0.785732	-1.2727	0.0296858	0.545855	-1.83199	0.659419	1.11098	1.11098	0.0532204	0.552463	-1.81008	0.868638	1.24411	1.24411	0.798573	1.06236	1.06236	1.99876	1.77124	0.787708	1
cg22959474	WBP2NL	0.171198	0.8036881	1.06264	1.06264	0.0157507	1.58437	1.58437	0.0134772	0.635435	-1.57425	0.0178435	0.963491	-1.03789	0.0473163	0.270182	-3.70121	0.412042	0.616513	-1.62203	0.754349	0.965464	-1.03596	0.915822	1.15822	1.15822	0.558268	1.40693	1.40693	0.386715	0.599468	-1.66809	1.99875	10.5273	4.68371	1
cg25129750	PPP4R4;PPP4R4	0.171212	0.711962	0.793489	-1.26026	0.252554	0.473425	-2.10738	0.0237398	0.18569	-5.38532	0.129481	0.35997	-2.77801	0.0128735	0.210835	-4.74304	0.617405	0.730427	-1.36906	0.0891932	0.310924	-3.21622	0.826516	0.872048	-1.14673	0.157733	0.38169	-2.60627	1.99874	12.3154	5.47698	1
cg05147273	MXRA7;MXRA7;MXRA7	0.171201	0.222723	0.754146	-1.32633	0.0441708	0.768609	-1.30105	0.0525209	0.538655	-1.85611	0.0933111	0.613311	-1.63011	0.72998	0.93585	-1.06891	0.662961	2.56882	-1.70392	0.0154978	0.8706	-1.21495	0.990203	1.2502	1.2502	0.538496	0.870858	-1.14829	1.99874	0.20376	0.907134	1
cg20771178	STK33	0.171202	0.300128	0.652601	-1.53233	0.0205921	0.330044	-3.0299	0.0783762	0.459695	-2.17535	0.460653	0.741892	-1.34791	0.454475	0.738722	-1.35369	0.804585	0.906166	-1.10355	0.0395475	0.388184	-2.5761	0.0793526	0.461112	-2.16867	0.74024	0.876127	-1.14139	0.98673	5.00113	2.22414	1
cg22111167	PTPRJ;PTPRJ	0.171202	0.070988	0.485879	-2.05813	0.162026	0.586516	-1.70498	0.124587	0.551997	-1.8116	0.137697	0.564808	-1.77051	0.0432447	0.435638	-2.29548	0.479054	0.748021	-1.33636	0.0476258	0.493492	-2.02637	0.872349	1.05915	1.05915	0.887725	0.509699	-1.96194	1.99873	4.04271	1.7979	1
cg22295435	VSTM2A	0.171206	0.771641	1.11685	1.11685	0.183064	0.584791	-1.71001	0.0596961	0.446206	-2.24112	0.851369	0.931245	-1.07383	0.40382	-1.38322	1.38322	0.558312	2.2508	2.2508	0.0360988	0.381368	-2.62214	0.314745	0.74565	-1.83596	0.618661	1.20993	1.20993	1.99871	4.56522	2.0303	1
cg17953300	SIPA1;SIPA1	0.171208	0.321283	1.4514	1.4514	0.0293148	2.5429	2.5429	0.101511	1.91898	1.91898	0.215012	1.6072	1.6072	0.13221	0.553963	-1.80518	0.312096	1.46141	1.46141	0.440244	1.33128	1.33128	0.143559	1.7707	1.7707	0.474788	1.30244	1.30244	1.99869	4.18372	1.86065	1
cg25960191	UBN8	0.171209	0.782316	0.971894	-1.03009	0.0249229	1.25985	1.25985	0.0553694	1.25536	1.25536	0.0120896	1.25536	1.25536	0.710801	1.00908	1.00908	0.892572	0.991362	-1.00871	0.0160605	0.804293	-1.24333	0.915903	1.00914	1.00914	0.429191	0.920289	-1.08662	1.99869	0.335356	0.149145	1
cg06546202	TSNARE1	0.171212	0.638992	0.760323	-1.31523	0.0098186	0.154109	-6.62037	0.0628914	0.299146	-3.36535	0.78833	1.16889	1.16889	0.655873	0.770971	-1.29707	0.413041	0.615499	-1.6247	0.780465	0.850411	-1.1759	0.138904	0.93701	-1.51883	0.660756	1.2919	1.2919	1.99867	10.646	4.73472	1
cg12344605	MAP2K4	0.171214	0.026314	0.573581	-1.74344	0.0139301	1.07471	1.07471	0.170043	1.32564	1.32564	0.0687756	1.50648	1.50648	0.141613	0.925734	-1.08042	0.421005	1.42332	1.42332	0.134635	0.773202	1.14635	0.773202	1.10081	1.10081	0.806925	1.00795	1.00795	1.25342	0.784672	1.04785	1
cg09378675	FBXO42	0.171215	0.383086	0.828974	-1.20631	0.262667	1.2775	1.2775	0.10425	0.685644	-1.45848	0.510961	1.15006	1.15006	0.858653	0.963308	-1.03809	0.408351	1.837494	-1.19404	0.0581366	0.638226	-1.56684	0.13257	1.40543	1.40543	0.161234	0.730692	-1.36857	1.99865	1.39201	0.619089	1
cg13219190	SNORD115-14	0.171219	0.0404091	0.370631	-2.6981	0.234464	0.593017	-1.68629	0.229115	0.589111	-1.69747	0.847895	0.922647	-1.08384	0.0234015	0.321371	-3.11167	0.288381	0.629952	-1.58742	0.0802588	0.443267	-2.25598	0.266737	0.615609	-1.62441	0.0948838	0.463352	-2.15819	1.99863	5.56434	2.47474	1
cg25355065	ARL3;SFXN2	0.171221	0.805473	1.12062	1.12062	0.0911374	1.98162	1.98162	0.0633924	1.73376	1.73376	0.0155209	1.33311	1.33311	0.2998	0.85085	-1.17548	0.602349	1.09862	1.09862	0.2184	0.76545	-1.30657	0.567138	1.14097	1.14097	0.364	0.744644	1.34287	1.99863	0.19874	0.08404	1
cg18946373	TPB1M	0.171238	0.888137	1.02469	1.02469	0.415082	1.1553	1.1553	0.926114	0.984055	-1.0162	0.943013	0.987688	-1.01247	0.0049356	1.90645	1.90645	0.832047	1.03749	1.03749	0.229337	1.24432	1.24432	0.533946	1.11534	1.11534	0.476276	0.882043	-1.13373	1.99852	0.950498	0.422756	1
cg21972188	CHRAC1;CHRAC1	0.171238	0.279668	1.27784	1.27784	0.374553	0.189237	-2.52363	0.0145483	0.0643447	2.99625	0.0127166	0.177775	2.96868	0.0177134	0.177385	5.63385	0.0978343	2.08098	2.08098	0.0127441	0.0838	-11.9267	0.0127441	0.0402	-24.8702	0.0127441	0.02529	-39.5217	1.99852	5.1564	2.24221	1
cg05200373	SLC39A7;SLC39A7	0.171240	0.0266553	0.104721	-9.54916	0.460226	0.524199	-1.90767	0.137505	0.253099	-3.95115	0.127319	0.242571	-4.12251	0.0143903	0.409532	-2.44181	0.719448	0.733552	-1.36323	0.0459773	0.14019	-7.13319	0.415284	0.480944	-2.04481	0.0403926	0.135427	-7.38407	0.99847	23.3574	10.389	1
cg17848763	GYPC;GYPC	0.171249	0.097746	0.251288	-3.97949	0.93377	1.06523	1.06523	0.0592204	0.04943	0.04943	0.103045	0.257736	-3.87

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(237 vs. N)	Fold-Change(237 vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16303788	MRPS25	0.171399	0.795375	0.844909	-1.18356	0.03839516	3.46006	0.46006	0.561574	1.46374	0.457113	1.63485	1.63485	0.0137497	0.188462	-1.22218	0.615894	0.726126	-1.38865	0.386162	0.561779	-1.78006	0.963855	0.973214	-1.58295	1.99759	13.3298	5.93151	1
cg00794837	APBA1	0.1714	0.414605	0.880374	-1.13588	0.08895871	1.33191	1.33191	0.07335649	1.35632	1.35632	0.207415	1.22521	1.22521	0.0174807	1.55572	1.55572	0.959276	1.00783	1.00783	0.402146	1.13997	1.13997	0.729472	1.05447	1.05447	0.967249	0.993747	-1.00629	1.997558	0.7384463	0.328603	1
cg23246886	TSPAN5	0.171404	0.729654	1.16602	1.16602	0.805191	0.896369	-1.11561	0.0605792	2.55166	2.55166	0.170098	1.90963	1.90963	0.12588	0.480355	-2.08179	0.56208	0.771423	-1.29631	0.0918575	0.439712	-2.27422	0.426661	1.4324	1.4324	0.26469	1.67309	1.67309	1.99756	6.20115	2.75943	1
cg01784327	LOC100130872-SPON2;SPON2;SPON2	0.171404	0.209298	0.634024	-1.57723	0.10235	0.540344	-1.85067	0.897114	1.04555	1.177905	0.61082	-1.63714	0.209657	0.634277	-1.5766	0.08149	0.154139	-1.94424	0.14878	0.58672	-1.70439	0.0178158	0.370879	-2.6963	0.155015	0.592131	-1.68881	1.99756	3.75097	1.66914	1
cg27482031	HOXC8	0.171405	0.907978	1.02689	1.02689	0.945697	1.01576	1.01576	0.512299	1.16476	1.16476	0.15193	1.7030	1.703095	0.422128	0.443044	0.8357	-1.1966	0.208832	1.35735	1.35735	0.0763466	1.57224	1.57224	0.0659967	1.60536	1.60536	0.0808153	1.55946	1.55946	1.99756	6.26605	2.744467	1
cg11908852	INPP5B	0.171407	0.743871	1.07553	1.07553	0.277608	1.285	1.285	0.0299463	1.76332	1.76332	0.176432	1.37599	1.37599	0.23699	1.31674	1.31674	0.387458	0.821407	-1.21742	0.105622	0.675294	-1.48084	0.260154	1.29804	1.29804	0.784127	1.06288	1.06288	1.99754	1.56046	0.69439	1
cg09858176	HSPB7	0.171417	0.765765	1.15192	1.15192	0.00937633	4.75613	4.75613	0.0363142	3.16476	3.16476	0.796398	0.884799	-1.1302	0.962193	0.977811	-1.02269	0.837037	1.10241	1.10241	0.28867	1.6844	1.6844	0.646206	1.24458	1.24458	0.904022	1.05877	1.05877	1.99748	7.08903	3.15465	1
cg14697605	14	0.17142	0.113679	1.41945	1.41945	0.778881	1.05896	1.05896	0.588869	0.894896	-1.11745	0.223314	1.29743	1.29743	0.494272	1.15172	1.15172	0.436224	1.17545	1.17545	0.0193707	1.7779	1.7779	0.228516	0.773213	-1.2933	0.372783	0.830101	-1.20467	1.99747	1.31018	0.583042	1
cg04066400	KCNK9	0.17142	0.71722	0.844909	-1.18356	0.03839516	3.46006	0.46006	0.561574	1.46374	0.457113	1.63485	1.63485	0.0137497	0.188462	-1.22218	0.615894	0.209973	0.726126	-1.38865	0.386162	0.561779	-1.78006	0.963855	0.973214	-1.58295	1.99759	13.3298	5.93151	1
cg11189715	PPAPDC1B;PPAPDC1B;PPAPDC1B	0.171422	0.289361	2.27273	2.27273	0.237143	2.52072	2.52072	0.157793	3.08774	3.08774	0.496615	1.67407	1.67407	0.301832	2.22227	2.22227	0.782027	0.812983	-1.23064	0.0167491	0.113308	-8.84331	0.779885	0.811278	-1.23262	0.795206	0.823515	-1.21431	1.99745	17.629	7.8451	1
cg14335434	PRKCH	0.171424	0.405363	1.32909	1.32909	0.142672	1.69308	1.69308	0.359809	1.36975	1.36975	0.244956	1.5023	1.5023	0.286412	0.449153	-2.22622	0.631113	0.850722	-1.17534	0.124471	1.74361	1.74361	0.160735	1.64984	1.64984	0.91284	1.03334	1.03334	1.99744	3.53228	1.57213	1
cg03049249	CCDC144A	0.171437	0.180511	1.227369	2.273369	0.418169	1.62265	1.62265	0.602689	1.35439	1.35439	0.454373	1.55301	1.55301	0.290291	0.530494	-1.88503	0.200002	2.18588	2.18588	0.481585	1.51163	1.51163	0.0169703	5.37505	5.37505	0.0552585	1.50843	1.50843	1.99737	10.5548	4.69721	1
cg03429816	CEP152	0.171444	0.802245	1.1637	1.0637	0.478301	1.19409	1.19409	0.134067	0.669041	-1.49468	0.224451	1.3689	1.3689	0.127491	0.799432	-1.25089	0.1263	1.502033	1.502033	0.0458694	0.569401	-1.75623	0.301754	0.717589	-1.39355	0.953118	0.985636	-1.01457	1.997233	0.9155	0.852473	1
cg09940188	SMYD4	0.171444	0.682048	1.4644	1.4644	0.0371646	0.405924	-2.44485	0.402882	0.728807	-1.37211	0.226861	0.637252	1.569107	0.0241	0.0853053	-1.17226	0.358975	0.882368	-1.1333	0.0150981	0.192728	0.608856	-1.64229	0.179609	0.590562	-1.6933	0.115908	0.18029	1.88227	0.685074	0.364553	1
cg16788538	BCL7B	0.171444	0.668494	0.942848	-1.06062	0.06969335	1.31934	1.31934	0.250293	0.848639	-1.17836	0.732705	1.04795	1.04795	0.542636	1.08784	1.08784	0.0523652	0.739767	-1.35178	0.142646	1.2402	1.2402	0.46867	1.10597	1.10597	0.248059	1.17935	1.17935	1.99733	0.590379	0.262742	1
cg03539879	C14orf43;C14orf43	0.171445	0.0681118	0.554161	-1.80453	0.0574476	0.96249	-1.04332	0.97509	0.781812	-1.27908	0.859771	0.538852	1.85652	0.0913108	0.586611	-1.70471	0.669707	0.883394	-1.132	0.0910962	0.398448	-2.50974	0.641784	1.14496	1.14496	0.662808	0.880931	-1.13516	1.99732	2.64114	1.17541	1
cg02081189	HIAT1	0.171452	0.256022	1.44886	-1.17034	0.67841	1.10587	1.10587	0.0596754	1.03522	1.03522	0.251504	1.98525	1.98525	0.0853014	1.17226	0.358975	0.882368	-1.1333	0.0150981	0.192728	0.608856	-1.64229	0.179609	0.590562	-1.6933	0.115908	0.18029	1.88227	0.685074	0.364553	1
cg25593391	C17orf77;CD300LD	0.171454	0.169506	0.620417	-1.61182	0.0635467	0.506385	-1.97478	0.278259	0.692286	-1.44449	0.919399	1.03357	1.03357	0.0339156	0.445867	-2.24282	0.126213	0.582944	-1.71543	0.0460889	0.474475	-2.10759	0.13571	0.591862	-1.68958	0.315525	0.712827	-1.40286	1.99727	3.36561	1.49787	1
cg06540876	ZBTB12	0.171457	0.1061	0.443409	-2.25498	0.0334605	1.78	1.718	0.57205	1.706432	-1.34972	0.261214	0.636352	-1.64921	0.412211	0.766423	-1.30422	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	1.99727	0.0536	0.0536	1
cg12931620	ADI81	0.171459	0.102776	0.498422	-2.00633	0.579679	1.24387	1.24387	0.85653	1.07315	1.07315	0.998801	0.999414	-1.00059	0.0262925	0.357734	-2.79537	0.218418	1.65694	1.65694	0.234231	1.62647	1.62647	0.425961	1.37316	1.37316	0.351079	0.687722	-1.45408	1.99724	4.83132	2.14212	1
cg27469740	TNKS1BP1	0.171462	0.074094	0.562725	-1.77707	0.108509	1.65818	1.65818	0.624078	1.1524	1.1524	0.202925	1.729661	-1.3705	0.935566	1.02363	1.02363	0.0369737	0.496686	-2.01358	0.0117204	0.13769	-7.26055	0.867858	0.912384	-1.15226	0.402126	1.28107	1.28107	1.99723	2.60947	1.12743	1
cg19006841	SHF	0.171464	0.038372	-1.565779	-1.76748	0.0433732	1.73582	1.73582	0.898047	0.970031	-1.0309	0.830851	0.950493	-1.05209	0.416551	1.21785	1.21785	0.983079	1.00505	1.00505	0.272112	0.762355	-1.31172	0.577552	1.14288	1.14288	0.210261	1.36804	1.36804	1.99721	1.78219	0.793189	1
cg15460560	POFUT1;PLAGL2;POFUT1	0.171467	0.948703	0.975748	-1.02485	0.430594	0.735667	-1.35931	0.704189	0.864543	-1.15668	0.570673	1.24442	1.24442	0.0403516	0.405084	-2.46863	0.36645	0.701842	-1.42482	0.35577	0.739845	-2.50824	0.0743718	0.468316	-2.13531	1.9972	4.6056	2.04981	1
cg13567541	SMO	0.171472	0.0522133	0.308114	-3.24555	0.0966109	0.378121	-2.64466	0.260302	0.541333	-1.84729	0.354566	0.601832	-1.66159	0.408247	0.637007	-1.56984	0.229902	0.510882	-1.9574	0.0163016	0.208898	-4.78703	0.159653	0.448815	-2.22809	0.101594	0.384583	-2.60022	1.99718	8.99103	4.00166	1
cg26485937	PCDHGA4;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB2;PCDHGB3;PCDHGA11;PC	0.171471	0.0379208	0.57977	0.57972	0.143819	4.05641	4.06541	0.572603	1.66389	1.66389	0.144472	0.45478	0.45478	0.121281	0.48283	0.48283	0.424795	2.07074	2.07074	0.671499	0.683209	-1.46368	0.0333313	9.21748	9.21748	0.125884	4.38855	4.38855	1.99717	25.2263	11.2276	1
cg03859671	JUP;JUP	0.171474	0.0617884	0.495348	-2.01908	0.0720014	1.64158	1.64158	0.0458581	2.02033	2.02033	0.0251381	1.66355	1.66355	0.0238572	2.06375	2.06375	0.0757495	1.61018	1.61018	0.0279551	1.6818	1.6818	0.0266485	1.68426	1.68426	0.0261639	1.68464	1.68464	1.99716	0.10685	0.353882	1.99715	41.6257	18.5267	1
cg11828510	HTR1F	0.171479	0.0810521	0.411159	-2.43215	0.113693	0.453484	-2.20515	0.0259401	0.33563	-2.97947	0.223828	0.555889	-1.79892	0.360897	0.649494	-1.53966	0.105354	0.44353	-2.25464	0.0374527	0.329747	-3.03263	0.830705	1.10338	1.10338	0.30778	0.615653	-1.62429	1.99713	6.67768	2.97213	1
cg07216298	NFKBIZ;NFKBIZ	0.171483	0.8445346	0.902	1.10864	0.655107	1.49171	1.49171	0.27702	1.02616	1.02616	0.914533	1.18216	1.18216	0.604204	1.08488	1.08488	0.0624006	0.496686	-2.01358	0.0117204	0.13769	-7.26055	0.867858	0.912384	-1.15226	0.402126	1.28107	1.28107	1.99713	2.60947	1.12743	1
cg13269527	CDh2	0.171488	0.305997	0.812387	-1.23094	0.714914	1.07457	1.07457	0.0470172	0.640407	-1.5615	0.537085	0.884685	-1.13035	0.0247233	0.592038	-1.68908	0.044625	0.858814	-1.1644	0.217826	1.28936	1.28936	0.648579	0.913977	-1.09412	0.188218	0.760831	-1.31435	1.99707	1.21556	0.541042	1
cg10569606	KCNA1	0.171488	0.171652	0.718186	-1.3924	0.199435	0.73462	-1.36125	0.531352	1.15515	1.15515	0.658813	0.903857	-1.10637	0.292828	0.780165	-1.28178	0.992654	0.997908	-1.0021	0.0485932	1.66039	1.66039	0.121966	1.46423	1.46423	0.216496	1.3442	1.3442	1.99707	1.6367	0.72849	1
cg05470166	HRCT1	0.171491	0.0609843	0.495348	-2.01908	0.0720014	1.64158	1.64158	0.0458581	2.02033	2.02033	0.0251381	1.66355	1.66355	0.0238572	2.06375	2.06375	0.0757495	1.61018	1.61018	0.0279551	1.6818	1.6818	0.0266485	1.68426	1.68426	0.0261639	1.68464	1.68464	1.99706	0.10685	0.353882	1.99705	41.6257	18.5267	1
cg20182418	CRLS1;CRLS1	0.171496	0.291963	0.601088	-1.66365	0.985128	0.99136	-1.00872	0.252816	0.573481	-1.74374	0.587754	1.2902	1.2902	0.0136246	0.241539	-4.14012	0.529149	0.743198	-1.34554	0.0654373	0.381884	-2.6186	0.794436	0.88554	-1.12925	0.0963863	0.427482	-2.33928	1.99703	6.85436	3.05092	1
cg06629193	FAM195A	0.171498	0.213053	0.553655	-1.80645	0.576476	1.34	1.34	0.71	0.706352	-1.41521	0.412211	0.766423	-1.30422	0.241224	0.653843	-1.53411	0.199772	0.623426	-1.60464	0.0141096	0.10436	-9.58611	0.892315	0.945153	1.3068	1.3068	0.0001	1.34859	1.71303	1.99703	1.71303	1.99703	1.71303	1.99703	1.71303	1.99703	1.71303	1
cg12408494	FNDC3B;FNDC3B	0.171496	0.947299	0.977401	-1.02312	0.340902	1.40048	1.40048	0.105142	1.84467	1.84467	0.24114	1.52854	1.52854	0.908252	0.960918	-1.04067	0.285201	1.68123	-1.46793	0.739475	0.891003	-1.12233	0.079938	0.510742	-1.95793	0.0530244	1.13888	1.13888	1.99703	1.78213	1.68345	1
cg21026078	POT1;POT1;POT1;POT1;POT1	0.171501	0.079274	1.37573	1.37573	0.0953247	1.34992	1.34992	0.622231	0.921907	-1.08471	0.0767501	1.38029	1.38029	0.19418	1.25219	1.25219	0.0271672	1.53438	1.53438	0.996458	1.00073	1.00073	0.989839	0.997917	-1.00209	0.325265	1.18094	1.18094	1.997	0.847884	0.377403	1
cg03336458	TBC1D28;TBC1D28	0.171503	0.219053	0.552452	-1.81005	0.583645	1.33838	1.33838	0.254157	1.27527	1.27527	0.933752	1.05164	1.05164	0.0536	0.503604	-1.98609	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	1.99702	0.0536	0.0536	1
cg02865447	UBE2J1;UBE2J1	0.171503	0.018784	0.204161	-4.89808	0.309321	0.555909	-1.79886	0.329436	1.75363	1.75363	0.207003	0.475848	-2.10151	0.813678	0.876553	-1.14083	7	7	7	0.604166	1.33892	1.33892	0.670045	0.787262	-1.27023	0.221902	0.20417	2.04717	0.210518	0.81529	4.38466	1
cg24634225	RNF181	0.171506	0.0393505	0.495348	-2.01908	0.0720014	1.64158	1.64158	0.0458581	2.02033	2.02033	0.0251381	1.66355	1.66355	0.0238572	2.06375	2.06375	0.0757495	1.61018	1.61018	0.0279551	1.6818	1.6818	0.0266485	1.68426	1.68426	0.0261639	1.68464	1.68464	1.99702	0.10685	0.353882	1.99701	41.6257	18.5267	1
cg14503796	DVWA;CAPN7	0.171507	0.0492043	0.566293	-1.76587	0.808529	0.94036	-1.06342	0.0158539	2.11369	2.11369	0.984641	0.995136	-1.00489	0.406663	0.806534	-1.23987	0.957639	1.01355	1.01355	0.826578	0.945939	-1.05715	0.417191	0.810577	-1.23369	0.947557	1.0168	1.0168	1.99696	2.02909	0.90319	1
cg24711649	ACSS3	0.171507	0.170203	0.336975	-2.96758	0.432109	0.550456	-1.81668	0.607939	0.680236	-1.47008	0.205588	0.369957	-2.70302	0.156912	0.323891	-3.08746	0.223999	0.386268	-2.58888	0.411705	0.535272	-1.86821	0.505097	0.604353	-1.65466	0.0249318	0.729463	1.99696	17.537	7.80609	1
cg21176525	ZDHHC3;ZDHHC3;ZDHHC3	0.171509	0.39047	2.0744	2.0744	0.552415	1.16861	1.16861	0.0349091	1.32936	1.32936	0.0770938	0.61084	0.61084	0.184292	0.714753	-1.39894	0.226279	2.83404	2.83404	0.0191185	1.92277	1.92277	0.0422826	1.8069	1.8069	0.0103266	1.43162	1.43162	1.99695	2.21265	0.961855	1
cg15717183	SOX20T	0.171509	0.544615	0.893091	-1.11971	0.0245985	0.610413	-1.63824	0.406084	0.85494	-1.16967	0.320003	1.20862	1.20862	0.851673	1.03512	1.03512	0.816742	1.04373	1.04373	0.233184	1.25922	1.25922	0.512262	0.88466	-1.13038	0.0796906	1.43136	1.43136	1.99695	1.07532	0.47865	1
cg25166340	ChrF36	0.171511	0.4605321	1.14718	1.14718	0.2712	1.14516	1.14516	0.804961	1.04625	1.04625	0.864109	1.0318	1.0318	0.227911	1.22808	1.22808	0.692899	0.930031	-1.0753	0.0906554	0.96826	-1.03329	0.79551	1.08404	1.08404	1.01619	0.225622	1.2614	1.2614	1.99694	0.0562	0.247061	1
cg06372176	KDM6B	0.171515	0.718384	0.953333	-1.04895	0.0836804	1.28741	1.28741	0.585889	0.929976	-1.0753	0.227741	0.846122	-1.18186	0.765661	0.961322	-1.04023	0.175606	0.826909	-1.20932	0.0350171	1.38287	1.38287	0.392217	1.12263	1.12263	0.382231	1.12554	1.12554	1.99692	0.550793	0.245174	1
cg12576700	CDKSRAP2;CDKSRAP2	0.171519	0.857747	0.962658	-1.03875	0.4036689	0.6247	-1.4986	0.991246	1.00233	1.00233	0.0699446	1.53626	1.53626	0.0404204	1.1688	0.0404204	0.0369737	0.496686	-2.01358	0.0117204	0.13769	-7.26055	0.867858	0.912384	-1.15226	0.402126	1.28107	1.28107	1.99691	2.60947	1.12743	1
cg03717315	SEMA4F	0.171521	0.125818	0.70787	0.70787	0.736012	0.896427	-1.11554	0.0139185	0.5081	-1.97001	0.0181	0.173172	0.173172	0.681177	0.70237	-1.42381	0.0599185	0.503644	-1.98553	0.0552358	0.495842	-2.01824	0.531745	1.38206	1.38206	0.982488	1.00712	1.00712	1.99689	3.30212	1.56989	1
cg12184609	FAM120A	0.17152	0.808476	0.948059	-1.05479	0.0108951	3.80239	3.80239	0.160154	1.87209	1.87209	0.712889	1.56701	1.56701	0.222649	0.585371	-1.70832	0.717788	1.16377	1.16377	0.617454	1.23419	1.23419	0.476980	1.35277	1.35277	0.327765	0.655654	-1.5252	1.99689	5.5223	2.45819	1
cg26538340	DDX60;DDX60	0.171522	0.0940764	0.495348	-2.01908	0.0720014	1.64158	1.64158	0.0458581	2.02033	2.02033	0.0251381	1.66355	1.66355	0.0238572	2.06375	2.06375	0.0757495	1.61018	1.61018	0.0279551	1.6818	1.6818	0.0266485	1.68426	1.68426	0.0261639	1.68464	1.68464	1.99688	0.10685	0.353882	1.99687	41.6257	18.5267	1
cg18797872	TRIM7;TRIM7;TRIM7;TRIM7;TRIM7	0.171529	0.656767	1.19326	1.19326	0.97283	0.986635	-1.01355	0.00919628	0.270323	-3.69928	0.126721	1.92049	1.92049	0.828224	0.917736	-1.08964	0.524487	0.775074	-1.2902	0.906648	0.954713	-1.04743	0.354298	1.45714	1.45714	0.97487	1.01121	1.01121	1.99684	4.93566	2.1971	1
cg02859323	KRT19;KRT19	0.171533	0.0962005	0.24264	4.12144	0.193167	0.118551	8.11851	0.277077	4.42546	4.42546	0.116079	0.621821	1.60818	0.0900328	11.6776	11.6776	0.697906	0.598665	-1.67038	0.72715	1.58528	1.58528	0.0629002	15.5376	15.5376	0.0745507	11.6407	11.6407	1.99681	54.7163	24.3572	1
cg16425038	RECB;RECB	0.171534	0.380859	1.13767	1.13767	0.83015	1.96255	1.96255	0.0188849	0.931992	2.2852	2.2852	0.324728	1.77572	0.803944	1.14886	1.14886	0.226279	2.83404	2.83404	0.0191185	1.92277	1.92277	0.0422826	1.8069	1.8069	0.0103266	1.43162	1.43162	1.99679	2.21265	0.961855	1
cg13307058	SGK1;SGK1;SGK1	0.171536	0.653402	0.627688	-1.59315	0.512268	1.98335	1.98335	0.128851	5.42492	5.42492	0.172138	4.47021	4.47021	0.114699	0.170756	-5.85631	0.225767	3.70867	3.70867	0.264395	0.301627	-3.31535	0.581456	0.563458	-1.77476	0.0708532	8.6908	8.6908	1.9968	33.5726	14.9451	1
cg08288811	OHA1	0.171537	0.0318548	0.12227	12.0227	0.101424	5.88882	5.88882	0.142998	4.74131	4.74131	0.192487	3.91081	3.91081	0.173565	4.18484	4.18484	0.113885	5.47655	5.47655	0.100352	5.92798	5.92798	0.0742716	7.14447	7.14447	0.0073469	6.04146	6.04146	1.99679	30.9107	13.7601	1
cg23431607	CHG8	0.171538	0.586299	0.945158	-1.04518	0.819196	0.981758	-1.01858	0.810769	1.04214	1.04214	0.974285	0.997411	-1.0026	0.937916	1.23222	1.23222	0.170074	0.88913	-1.12444	0.0570887	0.841422	-1.18846	0.647944	1.03766	1.03766	0.319942	1.0823	1.0823	1.99678	0.20409	0.093031	1
cg09688895	SPF2	0.171541	0.287604	0.477114	-2.09594	0.143859	0.349073	-2.86473	0.0927705	0.289479	-3.45449	0.461737	0.605219	-1.65229	0.316324	0.499404	-2.00239	0.0368764	0.196956	-5.07729	0.017172	0.142795	-7.00305	0.384413	0.550061	-1.81798	0.154912	0.360488	-2.77402	1.99676	14.206	6.32402	1
cg09269454	HSPA12A	0.171545	0.159486	0.783529	-1.27628	0.27653	0.832218	-1.20161	0.925203	1.01535	1.01535	0.784617	0.949164	-1.05356	0.859538	1.02916	1.02916	0.048052	0.693024	-1.44295	0.0496239	1.43827	1.43827	0.242237	0.880608	-1.13558	0.170265	0.788991	-1.26744	1.99672	0.832695	0.370695	1
cg19622777	PTCD3	0.171554	0.467817	0.882499	-1.13326	0.612187213	1.07853	1.07853	0.0196342	1.28709	1.28709	0.327872	1.10787	1.10787	0.0274217	1.39203	1.39203	0.0906708	0.496686	-2.01358	0.0117204	0.13769	-7.26055	0.867858	0.912384	-1.15226	0.402126	1.28107	1.28107	1.99671	2.60947	1.12743	1
cg22542595	FAM188A	0.171557	0.381828	0.89767	-1.11399	0.311653	1.13426	1.13426	0.0739815	1.27084	1.27084	0.953428	1.00705	1.00705	0.0780714	1.26571	1.26571	0.346406	1.12379	1.12379	0.382375	0.897787	-1.11385	0.50679	1.08444	1.08444	0.0315318	1.3546	1.3546	1.99668	0.458094	0.203936	1
cg25260907	ONECUT2	0.171557	0.2039122	1.22495	1.22495	0.322844	1.31561	1.31561	0.0158695	1.85474	1.85474	0.164956	1.16998	1.16998	0.0658191	1.36785	1.36785	0.768427	0.955183	1.05183	0.567182	0.858883	1.16229	1.16229	0.969939	0.951615	1.05108	1.05108	1.24835	1.00796569	1.34319	0.964868	0.728181	0.334175	1
cg10173186	TIMP4;SYNA;TIMP4;SYNJ	0.171558	0.314229	2.093574	-2.54082	0.0125646	0.0619731	-16.136	0.0316191	0.104714	-9.54048	0.664007	0.675981	-1.47933	0.391124	0.455091	-2.19736	0.237303	3.298811	-3.03204	0.132917	0.233962	-4.2742	0.257105	0.340565	-2.88546	0.31144	0.391314	-2.55549	1.99667	25.3848	11.301	1
cg16158807	WNK2 PML;PML;PML;PML;PML;PML;PML	0.17156	0.071185	0.66642	0.66642	0.849084	0.835842	-1.1964	0.569123	1.71883	1.71883	0.164614	0.03748	0.03748	0.475416	0.505021	-1.98012	0.693206	1.45242	1.45242	0.0200337	1.04048	1.04048	0.0690923	6.78416	6.78416	0.710989	1.41954	1.41954	1.99666	28.0187	12.4736	1
cg07063572	PML	0.171566	0.581721	0.881492	-1.13444	0.339222	0.79985	-1.25023	0.582621	0.881762	-1.13409	0.0618239	1.61096	1.61096	0.623144	1.11884	1.11884	0.222933	1.3369	1.3369	0.0188862	1.90541	1.90541	0.324381	1.25953	1.25953	0.580931	1.13475	1.13475	1.99662	1.6254	0.72362	1
cg15946494	HRNBP3	0.171566	0.146919	0.846009	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg14036092	RAB1B	0.171751	0.0766818	1.366256	0.7128153	0.629123	0.780049	-1.28197	0.0568888	1.00389	1.003889	0.2574654	0.547049	-1.82799	0.192706	0.494755	-2.0213	0.623169	0.775484	-1.28952	0.145371	2.22125	2.22125	0.7164409	1.20468	1.20468	0.561784	1.34909	1.99556	8.2341	3.66775	1
cg03245733	ATAD2	0.171751	0.0845593	2.096125	-3.37695	0.103938	0.323514	-3.09105	0.875807	0.905040	-1.10491	0.3711033	0.556641	-1.76949	0.0802824	0.29005	-3.44768	0.635965	0.737742	-1.35549	0.0219464	0.173181	-5.77432	0.0601082	0.258522	-3.86815	0.391878	0.571456	-1.74992	1.99556	12.8604	5.72847	1
cg02046881	GNA12	0.171752	0.836074	1.1034	1.1034	0.955644	0.973593	-1.02677	0.835707	1.10365	1.10365	0.25705	1.75375	1.75375	0.0113339	0.221847	-4.5076	0.176552	1.97454	1.97454	0.365331	1.55538	1.55538	0.419332	0.676151	-1.47896	0.827559	1.10916	1.10916	1.995552	7.12797	3.17506	1
cg02537616	WDR81;WDR81;WDR81;WDR81	0.171754	0.718964	0.932421	-1.07248	0.461563	0.864904	-1.1562	0.477172	0.807833	-1.1523	0.1254848	0.725367	-1.37861	0.776944	1.050514	1.050514	0.744646	1.06536	1.06536	0.0118316	1.8378	1.8378	0.3334491	0.824334	-1.2131	0.634121	0.911337	-1.09729	1.99554	1.18503	0.527856	1
cg04275664	PKN2;PKN2	0.171756	0.313737	0.793591	-1.2601	0.738167	0.177028	1.07728	0.04016	1.14753	0.9008052	1.02804	1.02804	0.0929671	0.663573	-1.50699	0.0784971	0.648138	-1.54288	0.0700405	0.637986	-1.56743	0.532196	1.15073	1.15073	0.0525584	0.613201	-1.63099	1.99552	1.55606	0.693133	1
cg03473125	PTPN2;PTPN2;PTPRN2	0.171758	0.0128153	2.09155	2.09155	0.0412533	1.75423	1.75423	0.888301	1.0338	1.0338	0.10902	1.51769	1.51769	0.594093	1.137	1.137	0.180069	1.40471	1.40471	0.894905	1.03205	1.03205	0.872757	1.039	1.039	0.42665	1.2138	1.2138	1.99551	1.80084	0.802173	1
cg25968937	OGN6	0.171762	0.216729	0.745865	-1.34073	0.844941	1.04516	1.04516	0.957323	1.01214	1.01214	0.581132	0.881873	-1.13395	0.410975	0.827245	-1.20883	0.653217	1.10741	1.10741	0.0883025	1.52842	1.52842	0.0337084	1.74974	1.74974	0.136328	0.696243	-1.43628	1.99549	1.68609	0.721639	1
cg01898370	MAEA;MAEA	0.171763	0.753452	0.97453	-1.07466	0.658949	1.64888	1.64888	0.333047	1.25801	1.25801	0.228099	0.740934	-1.35502	0.97113	1.0083	1.0083	0.56022	0.874065	-1.14408	0.6459901	0.5929572	-1.68641	0.8535648	0.958652	-1.04313	0.175325	1.38982	1.38982	1.99548	1.65029	0.735123	1
cg23092250	ASPH02 CREB2F;CREB2F;CREB2F;CREB2F;CREB2F	0.171764	0.763765	1.16551	1.16551	0.284244	1.76529	1.76529	7	7	1.332082	0.431727	2.35628	0.92059	1.06417	1.06417		0.1680994	0.470733	-2.12435	0.138613	2.26835	2.26835	0.165267	2.13672	2.13672	0.126937	0.427964	-2.33664	2.102178	0.747379	3.110085	1
cg23546023	F;CREB2F	0.171765	0.085607	0.479422	-2.08585	0.225711	1.636	1.636	0.498299	1.30472	1.30472	0.19523	0.588565	-1.69905	0.165981	0.564637	-1.77105	0.136496	0.537571	-1.86022	0.0808552	0.472833	-2.11491	0.118766	0.519355	-1.92547	0.542534	0.787799	-1.26936	1.99547	4.73126	2.10756	1
cg10659922	CCAS1	0.171769	0.467809	0.861715	-1.16048	0.411629	0.844402	-1.18427	0.721831	0.930515	-1.07467	0.838575	0.959739	-1.04195	0.939294	1.01546	1.01546	0.031353	0.601253	-1.66319	0.028615	0.594598	0.594598	0.160091	0.700739	-1.42706	0.317621	1.23135	1.23135	1.995526	1.68266	0.571372	1
cg26709661	MGAT	0.171769	0.257563	0.397717	1.117128	0.0758869	2.59796	2.59796	0.0196	1.2796	1.2796	0.0176359	1.08326	1.08326	0.111181	1.88198	1.88198	0.211276	0.61689	-1.62101	0.0530882	0.8350037	-1.17642	0.1096032	0.823818	-1.21681	0.0682367	2.11467	2.11467	1.995493	0.63149	1.88998	1
cg09039965	PRRG1;PRRG1	0.171769	0.97493	1.00767	1.00767	0.365633	0.797695	-1.25361	0.0279535	0.531797	-1.88042	0.135711	0.676385	-1.47845	0.0282488	0.5926547	-1.87741	0.57373	1.14908	1.14908	0.510737	1.17612	1.17612	0.768603	0.930773	-1.07438	0.943949	0.983047	-1.01725	1.99545	1.86874	0.832446	1
cg03097389	SPC22;TSC22D1	0.171772	0.159862	0.421792	-2.37083	0.1852	0.445916	-2.24258	0.700851	0.8564	-1.16722	0.1744	0.655021	1.29498	1.29498	0.0720287	0.3153	0.255606	0.505516	-1.97818	0.0164405	0.185459	-5.3592	0.211377	0.46915	-2.13151	0.346451	0.572757	-1.74594	1.99543	10.4416	4.65133	1
cg23803396	SMYD3;SMYD3	0.171774	0.549114	1.15404	1.15404	0.334969	0.790566	-1.26492	0.0455004	0.571938	-1.74844	0.660454	0.909793	-1.11013	0.285208	0.760238	-1.31509	0.5172	0.856243	-1.16789	0.0568009	0.538454	1.53854	0.8137071	1.0487	1.0487	0.0618094	1.048207	1.048207	1.99542	1.7654	0.786423	1
cg07688855	ZNF320	0.171776	0.146886	0.484001	-2.06611	0.353385	0.640768	-1.56063	0.335402	0.629377	-1.58887	0.359741	0.644737	-1.55102	0.0120679	0.232476	4.30153	0.172309	0.508077	-1.96821	0.0334158	0.31394	-3.18532	0.756625	0.865106	-1.15593	0.412418	0.676638	-1.47789	1.99541	6.86619	3.05866	1
cg21147040	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.171783	0.159203	0.269237	-3.7142	0.0189208	0.0957426	-2.60466	0.104447	0.6534063	0.163461	-6.11766	0.756951	0.777942	-1.28209	0.1812869	0.311378	-3.21153	0.597747	0.644335	-1.55399	0.124897	0.2503795	-3.99402	0.0792647	0.200229	-4.99429	0.519695	0.594328	-1.68257	1.99537	21.5335	9.59265	1
cg01168776	LPGAT1	0.171785	0.05660902	0.327301	0.05529	0.2832939	0.564256	-1.77792	0.983911	1.00647	1.01047	0.7117685	1.16397	1.16397	0.178291	0.7947945	-2.09229	0.113982	0.420042	-2.31459	0.0211229	0.238991	-4.18427	0.132596	0.423708	-2.31103	0.883122	1.080317	1.080317	1.995371	0.42051	3.75114	1
cg05470203	TTC33;;CCDC142;;CCDC142;;TTC31	0.171786	0.171792	0.845516	-1.18271	0.300095	0.88349	-1.13187	0.626161	1.05823	1.05823	0.454846	1.09179	1.09179	0.913684	0.995757	-1.01259	0.642677	0.947528	-1.05538	0.911007	1.01298	1.01298	0.519836	0.927501	-1.07817	0.010267	1.45235	1.45235	1.995335	0.420545	0.187344	1
cg20934596	SMTN;SMTN;SMTN	0.171786	0.379938	0.693797	-1.44134	0.0381429	0.252889	-1.95431	0.531823	0.858222	-1.29157	0.3431552	0.692744	-1.44351	0.514377	0.763663	-1.30999	0.493528	0.754096	-1.32609	0.826607	0.914483	-1.09313	0.790921	0.860254	-1.15041	0.646208	0.828848	-1.20649	1.99535	5.20631	2.31911	1
cg06426961	PKP3	0.171787	0.673777	0.858008	-1.16549	0.246826	1.54961	1.54961	0.211276	0.621044	-1.61019	0.1978009	0.611194	-1.63614	0.0373235	0.417235	-2.39673	0.0669028	0.475713	-2.10211	0.594098	0.823206	-1.21476	0.737175	0.885303	-1.12956	0.6647405	0.472207	-2.11771	1.99534	4.13421	1.84172	1
cg17755581	VAPB	0.171789	0.76327	1.17117	1.17117	0.0758869	2.59796	2.59796	0.0196	1.2796	1.2796	0.176359	1.08326	1.08326	0.111181	1.88198	1.88198	0.1211276	0.61689	-1.62101	0.0530882	0.8350037	-1.17642	0.1096032	0.823818	-1.21681	0.0682367	2.11467	2.11467	1.995493	0.63149	1.88998	1
cg09041614	MRPL13	0.171791	0.103325	0.46242	-2.16253	0.647977	0.819553	-1.22018	0.274419	0.611221	-1.63607	0.977466	1.0123	1.0123	0.0803163	0.431785	2.31597	0.91783	1.95631	-1.04569	0.030458	3.00716	3.00716	0.30495	0.631359	-1.58388	0.963942	0.98062	-1.01976	1.99533	5.92206	2.63819	1
cg22022445	WFIKKN2	0.171791	0.471176	0.689649	-1.45001	0.61399	1.29411	1.29411	0.252952	0.545917	-1.83178	0.564779	0.744488	-1.3432	0.0142673	0.216088	-4.62775	0.724941	1.19612	1.19612	0.718741	1.20121	1.20121	0.0447716	0.311058	-1.21483	0.283395	0.568369	-1.75942	1.99532	8.12073	3.61768	1
cg14339445	CPZ;CPZ;CPZ	0.171792	0.110818	0.609773	1.64039	0.0886686	1.00952	1.00952	0.405372	0.686	1.45686	0.0455946	0.727147	-1.37509	0.0643822	0.5603083	-1.78452	0.3900504	0.675404	-1.4806	0.0539416	0.3771192	-2.65117	0.0388835	0.344031	-2.90571	0.396613	0.679211	-1.47233	1.99532	7.54242	2.79562	1
cg23085290	C19orf25	0.171793	0.0118523	0.375082	-2.66609	0.351709	0.741453	-1.3487	0.229344	1.48247	1.48247	0.859008	1.05707	1.05707	0.437872	0.781144	-1.28018	0.459808	0.790691	-1.26472	0.328189	0.729779	-1.37028	0.302741	1.39544	1.39544	0.667259	1.14453	1.14453	1.995311	3.0787	1.37153	1
cg27388297	XAGE3;XAGE3	0.171795	0.15935	1.18426	1.18426	0.0599104	0.642862	-2.75284	0.333955	0.847098	-2.096	0.37006	0.647166	-1.54529	0.0722334	0.267294	-3.67196	0.794576	1.12848	1.12848	0.324065	1.60056	1.60056	0.0119388	0.643014	-1.55478	0.109528	0.678684	1.4736	1.995309	0.67684	0.3046	1
cg00725994	COLEC11;COLEC11	0.171818	0.0681298	0.187242	-5.47222	0.511758	0.585483	-1.70799	0.636403	0.681746	-1.46678	0.296914	0.418969	-2.38681	0.0531389	0.170715	-5.85773	0.181519	0.319505	-3.12984	0.107333	0.244655	-4.08564	0.118099	-8.46746	0.117746	0.254976	0.921393	1.995297	20.4498	9.10335	1
cg09007354	GLIS1	0.171801	0.72399	1.11934	1.11934	0.729155	0.895365	-1.11686	0.284437	0.702182	-1.42413	0.955561	0.982437	-1.01788	0.651562	0.865411	-1.15552	0.121064	1.70665	1.70665	0.0980007	1.78094	1.78094	0.0164891	2.53855	2.53855	0.911336	0.965201	-1.03605	1.99527	3.19498	1.42336	1
cg21096399	MCAM	0.171803	0.178449	0.7135	-1.40161	0.71703	0.872505	1.14623	0.133532	0.578218	0.858655	-1.16452	0.0972618	0.858655	-1.16452	0.2366202	4.2263	0.307168	1.49142	1.49142	0.0766582	1.37237	1.37237	-2.6937	0.561922	0.801116	-1.24826	0.843814	1.02701	1.02701	1.995253	4.5185	2.01303	1
cg02166927	PRPSAP2	0.171811	0.845594	1.02153	1.02153	0.807715	1.02699	1.02699	0.144824	1.18658	1.18658	0.721803	0.961697	-1.03983	0.330164	0.896036	-1.11603	0.24729	1.14128	1.14128	0.0173976	0.728816	-1.37209	0.594201	0.942949	-1.0605	0.262211	1.13623	1.13623	1.995221	0.377111	0.168008	1
cg19746375	PTPN2;PTPN2;PTPRN2	0.171813	0.357256	0.601715	1.66211	0.0776883	2.09768	2.09768	0.0496864	1.3693	1.083723	0.0845254	1.25154	1.93465	0.0874232	0.4984513	-2.00614	0.7397	1.07008	1.07008	0.4984513	0.6955	1.44165	1.44165	0.1983	-1.69315	0.44738	0.7481	1.74811	1.74811	1.995218	0.41483	1.32361	1
cg08214995	HS3ST2	0.171829	0.494418	0.685278	-1.45926	0.999632	1.00025	1.00025	0.391167	1.61372	1.61372	0.888403	0.926376	-1.07948	0.0985735	0.372837	-2.68214	0.829369	0.889094	-1.12474	0.112812	0.390586	-2.56026	0.0217398	4.48351	4.48351	0.748896	0.839523	-1.19115	1.9951	9.37395	4.17642	1
cg03653855	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.171829	0.38604	0.642933	-1.55537	0.0144221	0.223375	-4.47677	0.0350014	0.298887	-3.39113	0.534751	1.36684	1.36684	0.76526	0.861704	-1.16049	0.759798	1.16467	1.16467	0.33886	0.612599	-1.63229	0.407224	0.695274	-1.43828	0.803947	1.12767	1.12767	1.9951	7.80752	3.47852	1
cg03270180	POLR1A	0.171833	0.742692	0.828089	-1.2076	0.318865	1.80378	1.80378	0.538643	1.42828	1.42828	0.226158	0.483006	-2.07037	0.0147467	0.179344	-5.57588	0.940798	0.958362	-1.04345	0.0630474	0.302004	-3.31122	0.921279	1.05823	1.05823	0.546329	0.704981	-1.41848	1.9951	10.3602	4.61584	1
cg00674415	HAGH;HAGH	0.171834	0.261662	0.76765	-1.30276	0.16061	1.77	1.77	0.571833	1.18329	1.18329	0.476155	0.845552	1.05939	1.05939	0.352293	2.83904	0.722313	1.16927	1.16927	0.0338895	1.58246	1.58246	0.0693867	0.427261	-2.42761	0.136389	2.01502	2.01502	1.995208	0.92341	0.41867	1
cg19683608	C10orf108;C10orf108;DIP2C	0.171834	0.604078	0.874455	-1.14488	0.0955215	0.227425	-1.60579	0.612467	0.876239	-1.14124	0.647156	0.887637	-1.12659	0.027391	0.500184	-1.96393	0.76831	1.0794	1.0794	0.101803	1.5892	1.5892	0.29966	1.32048	1.32048	0.490382	1.83424	-1.19865	1.99508	2.11361	1.06101	1
cg13165992	TCF12;TCF12;TCF12;TCF12	0.171834	0.768906	1.13059	1.13059	0.870925	1.07009	1.07009	0.716745	0.859169	-1.16392	0.0201073	3.2159	3.2159	0.461387	1.36667	1.36667	0.860656	0.932089	-1.07286	0.359687	1.48042	1.48042	0.0298939	2.89906	2.89906	0.0940355	2.15164	2.15164	1.99507	5.48366	2.4432	1
cg14373727	LRRC20;LRRC20;LRRC20	0.171835	0.171025	0.847268	-1.17999	0.453139	0.734099	1.36209	0.0775883	0.516691	-1.93451	0.185704	0.716091	1.39648	0.0775883	0.5159381	-1.93845	0.511854	0.52849	-1.89219	0.0635745	0.1354516	-7.38468	0.398825	0.466805	-2.23816	0.197007	0.293155	0.445805	-2.24317	0.0440101	0.19357	1
cg16658570	PAM20C	0.171842	0.886695	0.975224	-1.0254	0.787861	0.953649	-1.0486	0.6794	1.07578	1.07578	0.464242	1.14006	1.14006	0.716252	0.937787	-1.06634	0.224325	1.25183	1.25183	0.0049737	1.92368	1.92368	0.834827	0.963926	-1.03742	0.794106	0.955502	-1.0471	1.99503	0.978356	0.435908	1
cg16432441	C10orf27	0.171842	0.266328	0.687559	-1.45474	0.0886686	1.00952	1.00952	0.405372	0.686	1.45686	0.0455946	0.727147	-1.37509	0.0643822	0.5603083	-1.78452	0.3900504	0.675404	-1.4806	0.0539416	0.3771192	-2.65117	0.0388835	0.344031	-2.90571	0.396613	0.679211	-1.47233	1.99502	7.54242	2.79562	1
cg09122913	FAF2	0.171842	0.604073	0.94842	-1.05439	0.13468	1.17784	1.17784	0.108286	1.1946	1.1946	0.379501	1.09581	1.09581	0.0344066	1.28455	1.28455	0.128194	1.18164	1.18164	0.537583	0.938614	-1.0654	0.631968	0.952205	-1.05039	0.111261	1.19252	1.19252	1.99503	0.325454	0.145007	1
cg22781127	FYHO1;FXYD7;FXYD1	0.171845	0.0518897	0.324646	-3.40526	0.0306151	0.242412	-2.48412	0.276363	0.612693	-1.63246	0.0744973	0.751634	-1.33068	0.0737949	0.683287	-1.46351	0.703864	0.722316	-1.38479	0.0149062	0.6418386	-1.55075	0.5015001	0.564851	-1.68306	0.098501	1.464201	1.464201	1.995202	0.64277	0.3046	1
cg17786902	CAP2B	0.171847	0.464982	0.5393	-1.80528	0.0600601	5.3925	5.3925	0.0473502	0.623673	0.06373	0.2647	2.51792	1.75792	0.0350028	0.236517	-4.22802	0.0741847	0.849168	-1.17762	0.481567	1.75531	0.354668	2.82195	0.12995	2.12995	0.972859	1.027339	1.02739	1.9951	19.9381	8.88357	1
cg23348014	CDL1A2	0.171848	0.351494	1.88178	1.88178	0.422159	1.71706	1.71706	0.350955	1.88319	1.88319	0.582847	1.44156	1.44156	0.441672	1.67746	1.67746	0.731799	1.25463	1.25463	0.339973	1.91252	1.91252	0.00759135	9.62064	9.62064	0.0362227	4.98142	4.98142	1.995	13.7359	6.12018	1
cg03754245	ZFHX3;ZFHX3	0.171848	0.456664	0.779506	-1.28303	0.0238775	0.640375	-2.47479	0.260809	0.625959	-1.5984	0.0982239	0.634873	-1.57514	0.0982239	0.5459435	-1.83973	0.858208	0.4871	-2.05257	0.43749	1.30511	1.30511	0.161335	0.640482	-1.56197	0.478553	0.89552	-1.11667	1.99499	3.57018	1.59073	1
cg22676212	MEIS3;MEIS3	0.171861	0.76163	1.19784	1.19784	0.488685	1.51796	1.51796	0.865261	1.10602	1.10602	0.98298	1.67027	1.67027	0.289208	1.92086	1.92086	0.0551988	3.6318	3.6318	0.012174	6.38443	6.38443	0.0641399	3.43616	3.43616	0.256191	2.0203	2.0203	1.99499	11.1239	4.95638	1
cg16629499	C11orf88;C11orf88	0.171865	0.148333	0.714214	-1.40204	0.0197443	1.8426	1.8426	0.161547	1.18572	1.18572	0.960379	0.989274	-1.01094	0.677884	0.911664	-1.0969	0.104812	0.680605	-1.46928	0.0264477	0.8689951	-1.14949	0.996889	1.00085	1.00085	0.467825	1.16533	1.16533	1.99498	1.44887	0.663384	1
cg09727269	TMEM38A	0.171865	0.1947445	1.161555	1.161555	0.0310224	3.23347	3.23347	0.149787	2.0457	2.0457	0.69501	1.20038	1.20038	0.658266	1.20966	1.20966	0.046037	0.346544	-2.88564	0.0064201	0.1914142	-5.22452	0.0119342	0.843252	-1.18588	0.414616	1.679409	-1.47287	1.99498	6.78823	3.06458	1
cg00400104	FLI43663;FLI43663	0.171865	0.284402	1.183	1.183	0.160979	1.25392	1.25392	0.054534	1.41449	1.41449	0.113021	1.27849	1.27849	0.207581	1.22242	1.22242	0.421391	0.883267	-1.13216	0.339686	0.8618121	-1.16035	0.238045	0.829627	-1.20536	0.450315	1.123227	1.123227	1.99496	0.721634	0.325136	1
cg22566787	NOTCH4	0.171864	0.883417	0.98656	1.01386	0.9655617	1.27123	1.27123	0.72669	0.626929	0.493925	2.0246	0.0196919	0.186583	0.0196919	0.5355	-1.86754	0.218934	1.33854	1.33854	0.0145445	2.2222	2.2222	0.0178	0.64434	-1.55259	0.0178	0.40139	1.40234	1.99496	0.60716	0.64632	0.30159	1
cg19848684	WDFY3;WDFY3	0.171864	0.56713	0.874229	-1.14386	0.176882	0.716381	-1.39591	0.631512	1.11883	1.11883	0.502564	0.853756	-1.1713	0.805919	0.944405	-1.05887	0.00335032	0.426379	-2.34533	0.33878	0.795237	-1.25749	0.960214	1.00901	1.00901	0.261302	0.761695	-1.31286	1.9949	1.70589	0.760112	1
cg14488115	RPF2	0.171865	0.146258	0.476925	-2.09577	0.342339	1.24099	1.24099	0.0770853	0.59773	0.59773	0.183182	0.509528	-1.9626	0.219407	0.82068	-1.21838	0.0749572	0.4005	-2.49694	0.0161851	0.4905752	-2.03844	0.0316277	0.4905752	-2.03844	0.0316277	1.10696	1.10696	1.995129	0.77055	1.28602	0.5949	1
cg10293422	PDGFRL	0.171865	0.607476	1.18653	1.18653	0.722041	1.16928	1.16928	0.265345	1.66005	1.66005	0.550725	0.767734	-1.30253	0.434332	1.41803	1.41803	0.171703	1.52848	1.52848	0.0298561	1.8909	1.8909	0.0298561	3.06183	3.06183	0.102789	2.1848	2.1848	0.0981006	2.13137	2.21317	1.9949	0.05672	2.69877	1
ch.7.21947889F	PKRIP1	0.171865	0.308922	0.787603	-1.26968	0.00563438	0.438751	-2.2792	0.732626	0.925193	-1.08086	0.755486	0.931621	-1.0734	0.545437	0.870454	-1.14883	0.848127	0.95746	-1.04443	0.106451	0.670525	-1.49137	0.150041	0.704782	-1.41888	0.520189	0.862606	-1.15928	1.99489	1.62424	0.723734	1
cg21195462	AGAP1;AGAP1	0.171865	0.862269	1.08373	1.08373	0.0160097	1.35425	1.35425	0.170357	1.1626	1.1626	0.312589	0.922191	-1.08403	0.506172	0.8123341	-1.23099	0.219336	1.18396	1.18396	0.0516856	1.65325	1.65325	0.0242368	1.92468	1.92468	0.380119	1.517737	1.517737	1.99489	0.677227	0.31983	1
cg17495466	LOC400794;LRRC52	0.171867	0.0719369	0.19154	-5.22083	0.24887	0.503037	-1.99877	0.201426	0.460633	-2.17093	0.112485	0.370542	-2.69875	0.0410839	0.258129	-3.87403	0.197036	0.456748	-2.18939	0.247874	0.4995512	-2.00195	0.448957	0.641888	-1.5579	0.111206	0.368998	-2.71004	1.99488	10.4305	4.64769	1
cg03940294	IFT140	0.171867	0.0998996	0.479665	-2.08496	0.0599104	0.642862	-2.75284	0.333955	0.847098	-2.096	0.37006	0.647166	-1.54529	0.0722334	0.267294	-3.67196	0.794576	1.12848	1.12848	0.324065	1.60056	1.60056	0.0119388	0.643014	-1.55478	0.109528	0.678684	1.4736	1.995309	0.67684	0.3046	1
cg08576641	FAM65B	0.171875	0.777182	0.95317	-1.04913	0.971294	1.0061	1.0061	0.0945462	1.36432	1.36432	0.0149242	0.60288	-1.6587	0.516809	0.894838	-1.11752	0.357817	1.852266	-1.17334	0.138863	0.763903	-1.30907	0.97006	0.993675	-1.00636	0.890846	1.023481	1.023481	1.99484	1.9028861	0.40231	1
cg09834459	TAP8P;TAP8P;TAP8P;ZBTB22;ZBTB22	0.171876	0.10027	0.609626	-1.64035	0.0904158	1.67417	1.67021	0.867394	1.047	1.047	0.0524951	0.545528	-1.83309	0.960688	0.988383	-1.01175	0.580234	0.85767	-1.16655	0.117693	1.59538	1.59538	0.963344	1.01271	1.01271	0.551301	1.18019	1.18019	1.99483	2.3867	1.0635	1
cg06441962	RGS12;RGS12;RGS12	0.171878	0.863087	0.960764	1.04161	0.607471	1.02073	1.02073	0.696238	0.914709	1.09172	0.5172	0.990703	-1.00959	0.885204	1.002024	1.002	0.0772435	1.56507	1.56507	0.0125486	1.53942	1.53942	0.0125486	1.53942	1.53942	0.0125486	1.53942	1.53942	1.99483	1.94697	1.34013	0.254572	0.792287	-1.26217	1.99482	1.23023	0.539276	1
cg05897699	SCAMP2	0.171878	0.377502	0.7848	-1.27421	0.353319	1.18292	1.18292	0.0736716	0.586487	-1.70507	0.0478994	0.545937	-1.83171	0.0931736	0.610033	-1.63925	0.267605	0.734148	-1.36212	0.235559	1.39468	1.39468	0.227537	0.712508	-1.40349	0.31245	0.756076	-1.32262

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Probeset ID	UCSC_REFGENE_NAME DTNBP1;DTNBP1;DTNBP1;DTNBP1;DTN	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)	SS(Test)	SS(Error)
cg23819836	BP1;DTNBP1	0.172022	0.0248409	0.2732358	-1.29474	0.739674	0.968264	-1.03278	0.0548054	0.81014	-1.23436	0.994564	1.000605	1.000605	0.769403	0.97197	-1.02884	0.237933	0.887312	-1.127	0.0479399	0.803629	-1.24435	0.513364	1.06621	1.06621	0.842927	0.980996	-1.01937	1.99399	0.295381	0.131676	1
cg14636712	MAP2K3	0.172022	0.5240057	1.07763	1.07763	0.877273	0.982264	-1.01806	0.245148	0.8686685	-1.15117	0.0810418	1.25107	1.25107	0.310112	0.885485	-1.12932	0.924294	0.989054	-1.01107	0.0281153	1.35027	1.35027	0.126542	1.21093	1.21093	0.655387	1.05339	1.05339	1.99399	0.423467	0.188775	1
cg10441865	ZFYVE28	0.172024	0.5393893	0.725949	-1.37751	0.0292159	1.79551	1.37951	0.0383373	1.44551	1.44551	0.827971	0.893397	-1.11871	0.173025	0.473621	-2.11144	0.771149	0.860418	-1.16223	0.783005	0.863762	-1.15292	0.758172	0.852848	-1.17254	0.71558	0.828101	-1.20758	1.99398	8.39012	3.74021	1
cg20176068	CLP5;CLP5	0.172025	0.82901	0.903822	-1.10641	0.29887	0.604523	-1.6542	0.0552899	0.362117	-2.76154	0.428683	0.685394	-1.45901	0.926921	1.04382	1.04382	0.11841	0.452674	-2.2091	0.0503531	0.385481	-2.59416	0.237548	0.560734	-1.78338	1.99397	6.90328	3.0774	1
cg14832183	POM121	0.172023	0.0683599	0.445471	-2.2448	0.0208858	0.287397	-1.4795	0.328941	0.637979	-1.56745	0.33331	0.640727	-1.56073	0.108358	0.457799	-2.18407	0.179219	0.529173	-1.88974	0.0792713	0.420017	-2.38086	0.173462	0.524117	-1.90797	0.0788418	0.418867	-2.38739	1.99393	6.28358	2.80121	1
cg00213957	PDZD11;KIF4A	0.172033	0.0902848	0.2601	-3.84467	0.0293685	0.157041	-6.36775	0.676171	0.738561	-1.35398	0.1336	3.21321	3.21321	0.349034	0.498826	-2.00471	0.126343	0.303278	-3.29731	0.797683	1.20361	1.20361	0.915601	1.07948	1.07948	0.782336	1.22116	1.22116	1.99392	16.4358	7.32708	1
cg23747996	PPP1R16A	0.172029	0.0988807	0.505962	-1.97082	0.204409	0.401871	-1.65598	0.36618	0.706417	-1.41859	0.0607692	0.45106	-2.217	0.0198913	0.349031	-2.88242	0.0909159	0.495915	-2.0167	0.113441	0.533408	-1.87504	0.195158	0.775168	-1.29004	0.173124	0.579288	-1.72626	1.9939	4.47948	1.99907	1
cg14307667	CREB3;CREB3;TUN1	0.172042	0.757165	0.950373	-1.05222	0.643172	1.07952	1.07952	0.0683258	1.93787	1.93787	0.209773	1.30027	1.30027	0.0607495	0.867385	-1.15255	0.216217	0.617201	-1.62022	0.985105	0.996941	-1.00307	0.215355	0.83731	-1.19453	0.926784	-1.079	1.99388	0.850513	0.379167	1
cg16217803	CHST2	0.172047	0.159202	0.455672	-2.19456	0.387569	0.629605	-1.5883	0.196537	0.489989	-2.04086	0.0424099	0.294921	-3.39074	0.0747545	0.33454	-2.82056	0.0458973	0.30258	-3.30491	0.0498789	0.310856	-3.21692	0.674835	0.802179	-1.2466	0.17773	0.473193	-2.1133	1.99384	8.63831	3.84218	1
cg08370412	NMNAT3	0.172049	0.1546022	0.308647	-3.23986	0.375286	0.6418	-1.72823	0.646734	0.829027	-1.20623	0.298898	1.32922	1.32922	0.160711	0.316282	-3.16373	0.0828554	0.14323	-6.98261	0.313665	0.164266	-6.0896	0.135725	0.663135	-1.55057	0.181672	0.947503	-1.05541	1.99384	1.61665	0.718501	1
cg03154580	RALB	0.172049	0.556015	0.875654	-1.142	0.440216	0.839025	-1.19186	0.696084	0.916191	-1.09148	0.40446	0.826786	-1.2095	0.343026	0.804271	-1.24336	0.125843	0.44676	-2.23877	0.16566	1.5946	1.5946	0.168005	1.38766	1.38766	0.10773	0.67612	-1.47903	1.99383	1.57002	0.699946	1
cg19847945	MARCH10;MARCH10 LOC339524;LOC339524;LOC339524;LO	0.172051	0.243264	0.544722	-1.8358	0.0183137	0.240636	-4.15565	0.110964	0.421491	-2.37253	0.966392	0.979256	-1.02118	0.0971337	0.404205	-2.47399	0.610722	0.774595	-1.291	0.140042	0.453887	-2.20319	0.0937667	0.399762	-2.50149	0.761192	1.16376	1.16376	1.99382	7.81643	3.48473	1
cg17420885	C339524;LOC339524	0.172054	0.72872	1.20194	1.20194	0.241431	0.523207	-1.91129	0.0288732	0.256346	-3.90093	0.152723	2.46662	2.46662	0.201026	0.506812	-1.97312	0.234824	1.9306	1.9306	0.241437	0.622519	-1.91127	0.664659	1.25911	1.25911	0.862387	1.09599	1.09599	1.9938	8.81255	3.92886	1
cg16582344	ARF1;ARF1;ARF1;ARF1	0.172055	0.684715	1.06455	1.06455	0.793077	0.878758	-1.01239	0.828083	0.9777	-1.02259	0.628303	1.03339	1.03339	1.23155	1.23155	0.548823	1.39603	1.39603	1.39603	0.0648003	1.60218	1.60218	0.0264421	1.13322	0.674568	1.06685	1.06685	1.9938	0.741342	0.33051	1
cg00960017	RBBP5	0.172057	0.107477	0.697762	-1.43315	0.856717	1.03772	1.03772	0.140264	0.722505	-1.38407	0.117526	1.41658	1.41658	0.234368	1.29093	1.29093	0.173698	1.34515	1.34515	0.476443	1.15988	1.15988	0.139262	1.38538	1.38538	0.307242	1.24175	1.24175	1.99379	1.32513	0.590782	1
cg22843446	ASAM	0.172058	0.802576	1.03531	1.03531	0.233359	1.89403	1.89403	0.86031	0.955952	-1.04608	0.995952	0.998701	-1.0013	0.758322	0.923789	-1.0825	0.0328821	1.89838	1.89838	0.134424	1.51373	1.51373	0.681095	1.10874	1.10874	0.0729463	1.67555	1.67555	1.99378	2.08329	0.928795	1
cg01736253	B3GNTL1	0.172061	0.0270389	0.3090448	3.23574	0.827119	1.03909	1.03909	0.459993	0.715593	1.40136	0.695512	1.89365	1.89365	0.0607495	0.837388	1.58139	0.620741	1.25974	1.25974	0.250474	0.36093	2.77033	0.0154982	0.464326	2.1955	0.0255	0.353387	2.83277	1.99376	6.35387	2.83277	1
cg19470840	SNORD118	0.172062	0.0260788	0.74039	-1.35064	0.532157	0.930499	-1.07469	0.120395	0.825494	-1.2114	0.871054	0.981677	-1.01866	0.349772	0.896221	-1.1158	0.635531	1.05586	1.05586	0.063191	1.26855	1.26855	0.714987	0.95911	-1.04263	0.848595	1.022	1.022	1.99376	0.409209	0.18244	1
cg06962678	B3GNTL1	0.172062	0.858303	1.13721	1.13721	0.373243	0.6418	-1.55756	0.0459004	0.577	-1.7331	0.208769	0.727279	-1.37499	0.0492211	1.71513	1.71513	0.435383	0.564508	-1.77145	0.0135965	0.402748	-2.48517	0.289255	0.643689	-2.20415	0.0550453	0.20952	4.77281	1.99376	16.2999	7.26706	1
cg07318481	IMPG2	0.172063	0.112644	0.40636	-2.46087	0.160861	0.457955	-2.18362	0.119244	0.414111	-2.41481	0.847727	0.845709	-1.18244	0.0354653	0.278946	-3.58493	0.704558	1.29174	1.29174	0.185125	0.480564	-2.08089	0.231325	0.92451	1.92451	0.247542	0.53237	-1.87839	1.99375	8.58575	3.82784	1
cg18155769	PCBP4	0.172069	0.142936	1.22576	1.22576	0.542576	0.650824	-1.52658	0.122626	0.961202	1.56862	1.56862	0.871449	1.56862	0.0607495	0.654596	1.01158	0.362059	2.76598	2.76598	0.0313582	0.362059	2.76598	0.0313582	0.362059	2.76598	0.0313582	0.362059

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(217T vs. N)	Fold-Change(217T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	df
cg27302802	ABHD3;C;PDIA2	0.172302	0.908578	1.035531	0.115531	0.021839	2.29524	2.29524	0.0862882	1.72259	1.72259	0.200418	0.670578	-1.49125	0.312931	0.725586	1.37064	0.70641	1.12109	1.12309	0.345848	1.34078	1.34078	0.453543	0.794032	-1.2594	0.808546	1.07608	1.09238	2.8791	1.28449	1
cg09970023	SIX4	0.172305	0.05000689	0.2800154	-3.57074	0.617719	0.750854	-1.33182	0.902271	1.07246	1.072605	0.463313	-2.15922	0.0203097	0.20327	-4.91955	0.166637	0.431798	-2.3159	0.107566	0.367826	-2.71868	0.168618	0.433708	-2.3057	0.174306	0.439128	-2.27724	1.99236	10.2335	4.56568	1
cg07431150	PDLIM7;PDLIM7;PDLIM7	0.172306	0.848304	0.956559	-1.04541	0.38518	1.229315	1.229315	0.779471	0.93697	-1.06727	0.710048	1.09048	1.09048	0.0243377	1.86344	1.86344	0.972439	0.992019	-1.00804	0.0192154	1.92893	1.92893	0.980986	1.00554	1.00554	0.158899	1.41796	1.41796	1.99236	1.69728	0.757241	1
cg18809570	RBM33	0.172311	7	7	7	0.859275	1.119445	1.119445	0.0269181	0.188951	-3.29238	0.812892	1.16273	1.16273	0.93763	1.951497	-1.05102	0.442825	1.64466	1.64466	0.136041	2.77705	2.77705	0.537399	0.672276	-1.48748	0.0957516	0.312418	2.32084	2.0058	11.4165	5.69173	1
cg13573626	PACS2;PACS2	0.172311	0.0487632	0.403035	-2.48118	0.341101	0.672009	-1.48608	0.394408	0.703104	-1.42227	0.50818	0.762565	-1.31136	0.271803	1.58715	1.58715	0.316133	0.658021	-1.51971	0.214875	1.69423	1.69423	0.201224	2.06414	0.430873	1.38356	1.38356	1.99233	5.14543	2.29567	1
cg08580254	RARA;RARA;RARA	0.172315	0.125319	0.412245	-2.42574	0.668815	1.29304	1.29304	0.395802	0.628454	-1.59121	0.0950799	1.37543	-2.66353	0.287511	1.554407	-1.80373	0.246819	0.526997	-1.9095	0.0226712	2.323867	2.32367	0.332678	-3.09907	0.153326	0.441891	-2.263	1.9023	0.00229	4.01648	1
cg22783158	MEGF6	0.172317	0.700048	0.925127	-1.08093	0.400136	1.18904	1.18904	0.99137	0.997828	-1.00218	0.349292	1.21373	1.21373	0.23516	0.77869	-1.28421	0.563268	0.88916	-1.12466	0.0347789	0.6097671	-1.63997	0.874945	1.03217	1.03217	0.0436613	1.59401	1.59401	1.99229	1.27525	0.568073	1
cg16709874	RCOR3;RCOR3;RCOR3;RCOR3	0.172318	0.183273	0.584794	-1.71	0.0647129	2.19972	2.19972	0.0243047	2.29374	2.29374	0.459441	0.7511116	-1.33135	0.241298	0.628829	-1.59026	0.846554	0.92903	-1.07639	0.597176	1.22663	1.22463	0.225213	0.616329	-1.62251	0.761553	0.890799	-1.12259	0.99228	4.55534	2.03344	1
cg19547929	NOTCH3	0.172321	0.697504	1.0745	1.0745	0.650353	1.08757	1.08757	0.769868	0.955445	1.05545	0.442669	1.3367	1.3367	0.95712	1.00994	1.00994	0.0343354	1.57482	1.57482	0.0163691	1.71736	1.71736	0.112205	1.37459	1.37459	0.962371	1.00872	1.00872	1.99227	1.06786	0.476445	1
cg15673069	RASIP1	0.172322	0.5473	1.308	1.308	0.333109	1.55298	1.55298	0.874136	1.07239	1.07239	0.156265	1.95163	1.95163	0.0898836	0.438574	-2.28012	0.312592	0.630955	-1.5849	0.581619	1.27809	1.27809	0.0493278	2.68884	2.68884	0.119836	2.10439	2.10439	1.99226	6.13324	2.73647	1
cg08145846	NCOR2;NCOR2	0.172324	0.183178	0.583676	1.71312	0.0806846	1.94731	1.94731	0.336798	1.79696	1.79696	0.154925	2.00115	2.00115	0.0842807	1.691773	-2.00173	0.207	0.481287	2.07731	0.0858987	3.07041	3.07041	0.0161881	1.35373	1.35373	0.922525	11.0554	4.70385	1.99225	11.0554	4.70385	1
cg05852040	PION	0.172324	0.311701	0.449848	-2.22297	0.820207	0.840499	-1.18977	0.508214	0.599103	-1.66916	0.0932128	0.68632	0.68632	0.113338	0.268474	-3.72476	0.074144	0.218947	-4.56731	0.336232	0.469149	-2.13152	0.347197	0.477677	-2.09346	0.578115	0.651281	-1.53544	1.99225	18.3826	8.20183	1
cg05007097	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.172326	0.241566	0.5949003	-1.68095	0.100636	0.466268	-2.14239	0.115244	0.484023	-2.06598	0.251446	0.601913	-1.66137	0.0468955	0.58143	-2.62171	0.68477	1.18877	1.18877	0.0237732	0.158769	-1.53706	0.340231	0.593944	-1.68366	0.568506	0.783336	-1.27659	1.99224	5.66386	2.52708	1
cg13937608	RBM17;RBM17	0.172327	0.644483	1.09963	1.09963	0.516551	0.874208	-1.14389	0.146615	1.32502	1.32502	0.337653	0.831077	-1.20326	0.801793	0.949885	-1.05276	0.334371	0.815862	-1.2257	0.0509172	0.634733	-1.57547	0.399329	0.838507	-1.1926	0.0560368	1.55642	1.55642	1.99223	1.31831	0.5882	1
cg01559770	KCNH2;KCNH2	0.172332	0.522249	1.32903	1.32903	0.535578	1.31675	1.31675	0.772626	0.880673	-1.13549	0.520492	1.33068	1.33068	0.586709	1.2722	1.2722	0.141028	2.00244	2.00244	0.0088798	2.49354	2.49354	0.049253	2.67223	2.67223	0.401377	1.45749	1.45749	1.9922	6.06963	2.70817	1
cg14795047	ALG10B	0.172333	0.430381	0.8858892	-1.12881	0.500905	0.902273	-1.10831	0.686582	1.06294	1.06294	0.0231232	0.664429	-1.50505	0.265531	0.839736	-1.19085	0.0327798	0.686632	-1.45638	0.655865	0.934712	-1.06985	0.292377	1.17874	1.17874	0.904423	1.01815	1.01815	1.9922	0.714961	0.319005	1
cg08067365	ISG15;ISG15	0.172334	0.0655192	0.746595	-1.33941	0.716214	1.05297	1.05297	0.900863	0.982535	-1.01778	0.93009	0.987671	-1.01248	0.877018	0.978344	-1.02213	0.54723	1.08993	1.08993	0.259375	0.8467553	-1.18098	0.716095	0.949674	-1.05299	0.0154975	1.52165	1.52165	1.9922	0.630627	0.281377	1
cg16444852	SULT1B1	0.172335	0.0904092	0.391467	-2.55448	0.579978	0.732758	-1.32845	0.0903903	0.931442	-1.07442	-2.55466	0.209602	1.28223	1.28223	1.782232	0.380336	0.636272	-1.5719	0.227579	1.89132	1.89132	0.122053	2.32189	2.32189	0.269935	1.78345	1.78345	0.916383	1.05434	1.05434	1.99219	7.97174	3.55688	1
cg01505570	RPTOR;RPTOR	0.172336	0.655999	0.89057	-1.12288	0.403678	0.801802	-1.24719	0.687602	1.13105	1.13105	0.109381	0.688837	-1.57026	0.0373632	0.500281	-1.96355	0.521813	1.18273	1.18273	0.154597	1.48272	1.48272	0.126965	0.652664	-1.53238	0.967029	0.989372	-1.01074	1.99218	2.10832	0.940711	1
cg08644360	B4GALT2;B4GALT2	0.172341	0.450893	1.13067	1.13067	0.138486	1.29044	1.29044	0.0652011	1.3923	1.3923	0.688486	1.06655	1.06655	0.814294	1.01833	1.01833	0.878469	0.975833	-1.02477	0.0509929	0.700909	-1.42672	0.133715	0.772142	-1.2951	0.969234	0.993853	-1.00619	1.99215	0.806443	0.359831	1
cg11855117	TGFBR3	0.172342	0.209467	0.493021	-2.03235	0.0288075	0.176561	-5.6521	0.0346966	0.412729	-2.42419	0.0994964	0.41729	-2.77445	0.0312144	2.01857	2.01857	0.560328	0.687843	-1.45382	0.240779	0.457582	-2.1854	0.0960166	0.323136	-3.1935	0.727401	0.800286	-1.24955	1.99215	12.7869	5.70545	1
cg05152764	SAPS2	0.172343	0.732858	1.19287	1.19287	0.011988	0.01989	2.015985	0.0447602	0.406871	-4.06871	0.932892	0.957574	-1.04431	0.52989	1.38759	1.38759	0.922136	0.95092	-1.05161	0.382601	1.58551	1.58551	0.916732	1.05531	1.05531	0.651085	1.26417	1.26417	1.99214	8.36004	3.73023	1
cg04284564	FDFT1	0.172343	0.647319	0.842667	-1.17555	0.401619	1.74222	-1.34731	0.466561	1.29103	1.29103	0.152456	0.831635	-1.22308	0.0644328	0.255738	2.07733	0.2609812	1.19828	1.19828	0.0134438	2.03733	2.03733	0.0127727	0.158769	-1.53706	0.340231	0.593944	-1.68366	0.568506	0.783336	-1.27659	0.552708	1
cg17786955	PKHD1;PKHD1	0.172348	0.451394	1.39251	1.39251	0.0112171	0.939575	1.93975	0.484941	0.736209	-1.35831	0.423049	1.42349	1.42349	0.639902	0.8160211	1.22547	0.477528	0.732248	-1.36566	0.788857	0.890632	-1.1228	0.233744	1.71379	1.71379	0.136512	1.99813	1.99813	1.99212	5.87509	2.62149	1
cg25928444	OBSL1;HNA	0.172351	0.636502	0.936804	-1.06746	0.232109	1.1875	1.1875	0.119726	1.26049	-1.26049	0.386087	0.885287	-1.12958	0.624905	1.06208	1.06208	0.797364	1.03591	1.03591	0.0934197	1.570122	1.57022	0.680103	0.944715	-1.05852	0.647574	1.06515	1.06515	1.99209	0.593289	0.26473	1
cg08872085	HSPA4L	0.172356	0.292888	0.872592	1.14601	0.391715	0.896194	-1.11583	0.370403	1.12174	1.12174	0.121092	1.25139	1.25139	0.0644429	-1.50505	0.265531	0.839736	-1.19085	0.0327798	0.686632	-1.45638	0.655865	0.934712	-1.06985	0.292377	1.17874	1.17874	0.904423	1.01815	1.01815	1.9922	0.714961	0.319005	1
cg05548349	LCNL1;CNL1	0.172366	0.0477647	2.42968	2.42968	0.39316	1.40928	1.40928	0.220011	1.65832	1.65832	0.0584905	2.3127	2.3127	0.0380809	2.56758	2.56758	0.347709	1.46114	1.46114	0.0637001	2.26507	2.26507	0.194821	1.71236	1.71236	0.134252	1.88395	1.88395	1.99201	4.85322	2.16564	1
cg19746940	TBX5;TBX5;TBX5;TBX5	0.172367	0.0625233	0.2961514	-3.37707	0.11565	0.370495	-2.6991	0.0318403	0.26242	-3.81243	0.0624525	0.251133	-3.98456	0.0178428	4.035506	4.035506	0.170683	0.433826	-2.30597	0.0237199	0.208569	-4.79457	0.0298593	0.185485	-5.39088	0.0111663	0.127648	0.592762	1.99201	10.5941	4.74525	1
cg24807354	S1PR5;S1PR5	0.17237	0.290828	0.849718	-1.17686	0.857645	1.02721	-1.02721	0.0817044	1.33192	1.33192	0.888211	0.979322	-1.02111	0.546428	-0.913313	1.09491	0.0601997	1.37014	1.37014	0.0890284	0.756824	-1.32131	0.59436	0.923254	-1.08313	0.229303	1.20627	1.20627	1.99199	0.696291	0.310708	1
cg08266417	ADX1 NFU1;NFU1;NFU1;NFU1;NFU1;NFU1;NF	0.172389	0.970867	1.02197	1.02197	0.452664	0.63422	-1.57674	0.120889	0.367473	-2.72128	0.277171	1.95948	1.95948	0.800292	1.16285	1.16285	0.818946	1.14621	1.14621	0.170653	0.419623	-2.38309	0.0295067	4.59766	4.59766	0.203767	2.22187	2.22187	1.99188	11.1754	4.98709	1
cg07949612	U1;NFU1	0.172393	0.635525	0.91164	-1.09692	0.180603	1.31714	1.31714	0.637971	1.09618	1.09618	0.784245	1.05462	1.05462	0.720757	0.935016	-1.0695	0.835056	0.960406	-1.04123	0.0189629	0.576678	-1.73402	0.334532	1.21269	1.21269	0.0914223	1.43356	1.43356	1.99185	1.18431	0.528514	1
cg05095158	RASSF10	0.172395	0.860704	1.0745	1.0745	0.350883	1.89677	1.89677	0.783691	1.03459	1.03459	0.0755308	1.30078	1.30078	0.0727532	1.68745	1.68745	0.979755	1.05332	1.05332	0.684748	1.0359	1.0359	0.887098	1.38.324	1.38.324	0.0861768	1.08769	1.08769	1.99184	0.774766	0.290573	0.641604	0.30.1961	1
cg06017677	DENR	0.172398	0.183589	2.02297	2.02297	0.209369	1.93625	1.93625	0.668413	0.806392	-1.24009	0.0302143	0.280094	-3.57023	0.7003355	0.824389	-1.21302	0.206658	0.514205	-1.94475	0.0844199	0.385483	-2.59415	0.959171	1.0259	1.0259	0.699972	0.824173	-1.21334	1.99183	7.86741	3.51098	1
ch.14.1097636	INPC2	0.172398	0.101441	0.255277	-3.91732	0.0274117	0.13716	-7.29075	0.0322134	0.148102	-6.75211	0.105816	0.260518	-3.8385	0.15218	0.311027	-3.21516	0.28085	0.3824	-2.61507	0.180897	0.339039	-2.94952	0.323898	0.460372	-2.17216	0.269412	0.416571	-2.40055	1.99183	18.2877	8.16121	1
cg16405759	SH3PXD2A	0.172399	0.0457866	0.2709043	-3.69167	0.104571	1.55679	-1.55679	0.872243	1.04097	-1.04097	0.0736954	1.29103	1.29103	0.0152456	0.831635	-1.22308	0.0644328	0.255738	2.07733	0.2609812	1.19828	1.19828	0.0134438	2.03733	2.03733	0.0127727	0.158769	-1.53706	0.340231	0.593944	-1.68366	0.568506	0.783336	-1.27659	0.552708	1
cg00032789	USP4;USP4	0.172402	0.294723	0.858649	-1.16462	0.727459	0.952119	-1.05029	0.13552	1.25309	1.25309	0.721407	1.05149	1.05149	0.691753	0.945649	-1.05748	0.152159	1.24	1.24	0.0491007	0.72978	-1.37028	0.737282	1.04835	1.04835	0.0853337	1.3057	1.3057	1.9918	0.620366	0.276853	1
cg26853071	UCC21112	0.172403	0.0700399	0.556097	-1.79728	0.248953	0.705535	-1.41736	0.137834	0.629702	-1.58805	0.746514	0.910396	-1.09842	0.0493382	0.522483	-1.91394	0.512605	0.825165	-1.21188	0.0917209	1.73161	1.73161	0.134201	0.739882	-1.35157	0.557757	0.842326	-1.18719	0.19565	2.64264	1.17943	1
cg20033749	ST7;ST7	0.172403	0.224171	0.680767	-1.46893	0.73031	0.901038	-1.10983	0.0648974	0.535649	-1.8669	0.0602089	0.528177	-1.8933	0.0027038	0.890948	1.4224	0.793688	0.08213	-1.08213	0.205888	1.49458	1.49458	0.249039	1.48941	1.48941	0.172101	0.645513	-1.54916	1.99162	2.86059	1.27672	1
cg14741666	ZNHIT3	0.172433	0.536971	1.09953	1.09953	0.0911969	1.32626	1.32626	0.340658	1.16072	1.16072	0.737974	0.950318	-1.05228	0.501971	1.10896	1.10896	0.586569	1.08691	1.08691	0.0196338	0.6519002	-1.53397	0.541017	0.910354	-1.09847	0.260947	1.19476	1.19476	1.99162	0.726618	0.324299	1
cg22076756	SPTBN4	0.172434	0.0271319	0.2961514	-3.37707	0.11565	0.370495	-2.6991	0.0318403	0.26242	-3.81295	-3.52988	0.251133	-3.98456	0.0178428	4.035506	4.035506	0.170683	0.433826	-2.30597	0.0237199	0.208569	-4.79457	0.0298593	0.185485	-5.39088	0.0111663	0.127648	0.592762	1.99162	10.2123	4.55792	1
cg08312083	SLC35F5;SLC35F5	0.172434	0.802608	1.05746	1.05746	0.154192	1.40526	1.40526	0.0698355	1.57176	1.57176	0.523509	0.865708	-1.15512	0.757867	0.933352	-1.07141	0.246779	0.763274	-1.31015	0.0277124	1.78685	1.78685	0.451532	0.842754	-1.18616	0.202463	1.01064	1.01064	1.99162	1.56927	0.70039	1
cg12918464	ATG7;ATG7;ATG7	0.172435	0.0487634	0.403035	-2.48118	0.341101	0.672009	-1.48608	0.394408	0.703104	-1.42227	0.50818	0.762565	-1.31136	0.271803	1.58715	1.58715	0.316133	0.658021	-1.51971	0.214875	1.69423	1.69423	0.201224	2.06414	0.430873	1.38356	1.38356	1.99233	5.14543	2.29567	1
cg19702271	PLA2G7;PLA2G7	0.17244	0.141235	0.606684	-1.6483	0.0938958	0.558882	-1.78929	0.6813	0.877716	-1.13932	0.833119	0.935528	-1.06891	0.28618	0.704797	1.41885	0.555496	0.828328	-1.20725	0.0226946	0.422508	-2.36682	0.0234149	0.425139	-2.35217	0.670395	0.873552	-1.14479	1.99158	3.1468	1.40449	1
cg11838898	ARHGEF4;ARHGEF4	0.172446	0.565569	0.883886	-1.13137	0.3635404	1.55784	1.55784	0.69039	0.911573	1.11573	0.789747	0.944794	-1.05843	0.300375	1.25614	1.25614	0.445995	1.17948	1.17948	0.0111761	1.9654	1.9654	0.156691	1.37975	1.37975	0.725564	1.07777	1.07777	1.99155	1.42427	0.635692	1
cg17099889	PRKAG1;PRKAG1	0.172448	0.110173	0.283815	-3.52676	0.0228236	0.949484	-1.05329	0.129193	0.691359	-1.44713	0.778149	0.96753	-1.03359	0.0993163	1.64976	1.64976	0.629212	1.19256	1.19256	0.176598	1.1853	1.1853	0.0948822	0.928201	-1.0775	0.660254	1.28501	1.28501	1.99154	6.64166	2.97127	1
cg26310240	ID1;ID1	0.172451	0.0856499	0.479678	-2.08473	0.334926	1.46894	1.46894	0.432427	1.36317	1.36317	0.403831	0.718685	-1.39143	0.0272227	0.363983	-2.74738	0.97312	0.987055	-1.01311	7	7	0.680383	0.851991	-1.17372	2.0213	3.72332	2.10519	1
cg18328755	C1orf94;C1orf94;C1orf94	0.172455	0.302153	0.645499	-1.55001	0.332103	0.74063	-1.35016	0.146146	1.27463	1.27463	0.342111	0.82823	-1.20771	0.17357	5.761113	5.761113	0.119299	5.49187	5.49187	0.0158531	19.6347	19.6347	0.138043	4.99808	4.99808	0.0354783	8.90813	8.90813	1.99149	22.0212	9.24204	1
cg01803810	CASKIN2;TSEN54	0.172456	0.0844669	0.464309	1.46439	0.324439	1.22555	1.22555	0.0668604	1.50775	1.50775	0.180105	1.32911	1.32911	0.0664166	0.09055	1.09055	0.920654	0.980283	-1.02011	0.214796	0.770284	-1.29822	0.169456	0.746368	-1.33982	0.211141	1.30213	1.30213	1.99149	1.25994	0.562367	1
cg19526353	EIF FAM122C;FAM122C;FAM122C;FAM122	0.172457	0.348539	1.41985	1.41985	0.0849277	1.99767	1.99767	0.0503052	2.24897	2.24897	0.191459	1.65258	1.65258	0.858839	0.937383	-1.0668	0.878926	1.05693	1.05693	0.340907	0.700135	-1.4283	0.668945	0.855351	-1.16911	0.0412738	2.35162	2.35162	1.99148	4.16136	1.8574	1
cg16530010	C7;FAM122C;FAM122C;FAM122C	0.172458	0.111165	0.148489	-6.73451	0.0289291	0.0589775	-16.9556	0.301313	0.308199	-3.24465	0.759302	1.40181	1.40181	0.513832	0.480301	-2.07026	0.056878	0.0936234	-10.6811	0.366847	2.77003	2.77003	0.528909	2.01599	2.01599	0.868295	1.2001	1.2001	1.99148	38.0983	17.005	1
cg00116265	ZNF673;ZNF673;ZNF673;ZNF673	0.172459	0.10543	0.2848993	-3.51154	0.0268371	1.808	1.808	0.0317785	0.379334	-2.6362	0.0701017	0.379334	-2.6362	0.0701017	1.32695	1.32695	0.231833	0.564389	-1.77106	0.0844283	1.82886	1.82886	0.39709	0.654275	-1.52841	0.767871	1.15791	1.15791	1.99148	7.54917	3.36954	1
cg05648472	PRDM11	0.172459	0.0664617	0.544417	-1.83683	0.901015	0.963907	-1.03744	0.887056	1.04288	1.04288	0.252174	0.690617	-1.44798	0.0357198	0.485766	2.0586	0.0760461	0.558096	-1.79181	0.066071	0.543827	-1.83882	0.480761	0.800919	-1.23582	0.113816	0.601549	-1.66238	1.99147	2.75275	1.22868	1
cg26819388	CCDC18	0.172461	0.17246	7	7	0.289614	1.73179	1.73179	0.0247356	3.91788	3.91788	0.950427	1.03137	1.03137	0.479781	0.69924	-1.43012	0.852096	1.09717	1.09717	7	7	0.422382	0.665056	-1.50363	0.159744	0.470488	-2.12545	2.11271	6.28735	2.97597	1
cg07148139	ALG11;ALG11;ALG11	0.172462	0.70267	1.06375	1.06375	0.0980863	1.78108	1.78108	0.0239329	1.80193	1.80193	0.161978	1.17413	1.17413	0.798149	1.16753	1.16753	0.0929212	1.09256	1.09256	0.176598	1.1853	1.1853	0.0948822	0.928201	-1.0775	0.660254	1.28501	1.28501	1.99144	6.64166	2.97127	1
cg11166893	RASA3	0.172464	0.418736	0.759247	-1.31709	0.0473353	0.469362	-2.13055	0.263138	0.677816	-1.47533	0.998981	1.00042	1.00042	0.187769	0.627935	-1.59252	0.929941	1.02975	1.02975	0.0424698	2.17893	2.17893	0.999517	1.0002	1.0002	0.217125	0.648645	-1.54168	1.99146	3.50471	1.56433	1
cg18448565	FAM134A	0.172465	0.239168	0.4178	-2.39317	0.0828053	0.702238	-1.42325	0.0539168	0.831018	-1.20324	0.0918184	0.822051	-1.21625	0.0918184	1.22702	1.22702	0.710911	1.07709	1.07709	0.0464824	2.52081	2.52187	0.0220052	2.58564	2.58564	0.0479474	0.944622	0.912427	-1.09598	0.99144	2.62009	1.56023	1
cg03156260	BTC	0.172465	0.160984	0.415787	-2.40508	0.113958	0.73788	2.73988	0.366976	1.72153	1.72153	0.453586	0.640418	-1.56148	0.0409456	0.250885	-3.98589	0.20116	0.451272	-2.20618	0.139784	0.394047	-2.53777	0.828864	0.880837	-1.13528	0.531899	0.689955	-1.44937	1.99144	10.8356	4.83652	1
cg19191914	ICQ;TPCN1;TPCN1	0.172501	0.456693	1.14248	1.14248	0.0528444	0.691156	1.44694	0.784156	1.04408	-1.05842	-1.09496	1.5576	1.5576	0.441524	1.15139	1.15139	0.481202	1.12772	1.12772	0.0210864	1.42763	1.42763	0.231114	1.24617	1.24617	0.0940031	1.35859	1.35859	1.99143	0.884007	0.396754	1
cg09378497	CLCN7;CLCN7 MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;MYB;M	0.172471	0.4227789	1.15744	1.15744	0.953136	1.01055	1.01055	0.0177236	0.597501	-1.67364	0.965169	0.70781	-1.60783	0.05873	1.04626419	0.665147	-1.50343	0.84014	1.03673	1.03673	0.232752	0.799752	-1.25039	0.960066	0.991098	-1.00898	0.476139	1.13806	1.13806	1.9914	1.00579	0.448946	1
cg18253802	YB PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK	0.172475	0.162836	0.564228	-1.77233	0.0625894	0.447086	-2.23671	0.941156	0.972038	-1.60877	0.0496295	0.62357	-1.60697	0.0936573	0.492512	-2.03041	0.177469	0.576611	-1.73427	0.262467	0.64094	-1.56021	0.0330431	0.383847	-2.6052	0.050236	0.424229	-2.35722	1.99138	4.65431	2.07753	1
cg06707286	6;PCSK6;PCSK6 HOMER3;HOMER3;HOMER3;HOMER3;	0.172476	0.300809	0.535362	-1.8679	0.0774404	0.134151	-7.4543	0.14167	0.998155	-2.51159	0.860101	1.10828	1.10828	0.302562	0.536661	-1.86337	0.460088	0.645127	-1.55008	0.186104	0.441777	-2.26358	0.178095	0.434346	-2.30231	0.943051	1.04251	1.04251	1.99138	10.7116	4.78131	1
cg19530551	HOMER3	0.172478	0.677219	0.925114	-1.08095	0.0467173	1.5272	1.5272	0.994752	0.998778	-1.00122	0.465821	0.871095	-1.14798	0.452741	0.867417	-1.15285	0.316018	0.824677	-1.2126	0.0271441	1.6263	1.6263	0.421584	0.858423	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18025710	WNT5B;WNT5B	0.172585	0.92976	0.972584	0.02835	0.311356	0.718739	-1.39133	0.000284494	0.344933	2.80911	0.791497	0.18624	1.080424	0.300451	1.4026	1.4026	1.4026	0.631344	1.85861	-1.16467	0.448026	0.783633	-1.27611	0.315982	0.721154	-1.38667	0.163677	0.625827	-1.59789	1.09075	3.1347	1.39967	1
cg01174447	SOLH;C16orf10	0.172585	0.295814	1.20276	1.20276	0.984311	0.996657	-1.00335	0.339315	1.18261	1.18261	0.549174	1.10873	1.108073	0.148647	0.725817	1.37776		0.138391	1.762097	-1.31217	0.08383955	0.721944	-1.38515	0.138697	1.31185	1.31185	0.550613	1.10831	1.10831	1.90075	0.914393	0.408286	1
cg07967717	CNR2	0.172586	0.0254767	1.57767	1.57767	0.08414119	0.720248	-1.38841	0.264863	1.22086	1.22086	0.941459	1.01269	1.01269	0.197018	0.791187	-1.26392		0.984998	0.996776	-1.00323	0.915363	0.981909	-1.01842	0.314636	0.836464	-1.19551	0.7092117	1.06644	1.06644	1.99075	0.928831	0.415179	1
cg01955745	WTN;NTM	0.172587	0.15582	0.641964	-1.55772	0.245821	0.701674	-1.42516	0.144941	1.57922	1.57922	0.120409	0.63507	1.63507	0.3882	0.772495	-1.29451		0.825709	0.937656	-1.06607	0.142649	0.633123	-1.58398	0.230747	0.692839	-1.44334	0.248346	1.42258	1.42258	1.90074	2.6861	1.19938	1
cg18034637	DIXDC1	0.172587	0.060315	3.3361	3.3361	0.86232	0.906002	-1.10375	0.234493	2.03136	2.03136	0.163253	1.34759	2.34759	0.422351	1.59374	1.59374		0.326495	1.77907	1.77907	0.0956292	2.81205	2.81205	0.0189247	0.03493	5.03493	0.113114	2.66607	2.66607	1.90074	10.1967	4.55297	1
cg00398816	RET;RET	0.172588	0.490807	0.904548	-1.10552	0.768731	0.957914	-1.04393	0.1462	0.796546	-1.25542	0.992301	0.998594	-1.00141	0.289989	0.852301	-1.17369		0.558898	0.917418	-1.09002	0.930612	0.10278	0.10278	0.00760742	0.606916	-1.64767	0.0744715	0.748419	-1.33615	0.90074	0.630468	0.299373	1
cg19963233	CDH2	0.172589	0.121645	0.383259	-2.6092	0.563056	0.714682	-1.39922	0.578526	1.37814	1.37814	0.833442	1.1279	1.1279	0.6646705	0.305429	-1.37408		0.179671	0.442861	-2.25804	0.0328936	0.240225	-4.16276	0.0601787	0.297712	-3.35895	0.552045	0.709031	-1.41038	1.99073	10.2989	4.59859	1
cg25301567	ZAK;ZAK	0.172593	0.78752	1.06425	1.06425	0.457086	0.839815	-1.07074	0.0694512	0.626179	-1.59699	0.231879	0.741823	-1.34441	0.801421	0.941953	-1.05981		0.570393	1.14133	1.14133	0.0970529	1.74739	1.74739	0.96644	1.01561	1.01561	0.442252	1.43857	1.43857	1.9907	1.6751	0.748054	1
cg26119740	CZCD3;CZCD3;PPME1 LIPT1;LIPT1;LIPT1;LIPT1;LIPT1;LIPT1;LIP	0.172598	0.10845	0.617002	-1.62074	0.852235	1.05277	0.976306	0.991843	1.00822	0.414293	0.794427	-1.25877	0.046599	0.533433	-1.87465			0.16026	0.661197	-1.51241	0.0314985	0.49878	-2.00488	0.0610879	0.558753	-1.7897	0.501326	0.828444	-1.20708	1.99068	2.39764	1.07061	1
cg19311015	T;LIPT1;LIPT1;LIPT1;TSGA10	0.172603	0.313974	0.65312	-1.53111	0.779132	0.891353	-1.12189	0.614506	0.812412	-1.2309	0.0070404	0.204482	-4.15832	0.965773	0.9826	-1.01771		0.3427	0.670388	-1.49167	0.434458	1.38574	1.38574	0.767932	0.885991	-1.12868	0.297923	1.55488	1.55488	1.99065	5.27592	2.35587	1
cg12777893	HIPK2;HIPK2	0.172603	0.576516	0.9271008	-1.07862	0.307995	1.05265	1.0556	0.0956547	1.27829	1.27829	0.849742	1.02577	1.025577	0.0442568	0.734243	-1.36339		0.114879	1.25858	1.25858	0.835106	0.972427	-1.02835	0.902984	1.01649	1.01649	0.131174	1.24436	1.24436	1.99065	0.567302	0.253319	1
cg06531558	B3GALT1	0.172604	0.156058	0.8666666	-1.43541	0.249873	0.749565	-1.14421	0.132264	0.679098	-1.47254	0.0690047	0.615907	-1.62362	0.52537	0.657851	-1.5557		0.0256181	0.815736	-1.22655	0.353406	0.274922	-3.63622	0.0326921	-1.37567	0.550868	1.15455	1.15455	0.555453	1.15263	1.15263	1.99064	1.78863	0.798684	1
cg02030607	SLC7A5	0.172604	0.573132	0.75732	-1.32044	0.0233034	0.26788	-1.73302	0.182329	0.615128	-1.62568	0.798231	1.13254	1.13254	0.0276254	0.282132	1.54445		0.536023	0.737787	-1.35541	0.419144	1.49845	-1.49345	0.507196	1.38671	1.38671	0.577881	0.760987	-1.31408	1.99064	7.44286	3.32349	1
cg15677497	MRPS18B;PPP1R10	0.172605	0.112113	0.870099	-1.14929	0.08271	1.16715	1.167151	0.252089	1.10101	1.10101	0.247637	0.963662	-1.03771	0.763558	0.976026	-1.02456		0.0765084	0.853434	-1.17174	0.203937	1.11405	0.95625	0.995595	-1.00442	0.312064	1.08775	1.08775	1.99064	0.203971	0.0910801	1
cg14003567	UBA1;UBA1;UNC1	0.172605	0.0835461	1.495356	-1.30092	0.380245	1.44676	1.446761	0.0155925	1.36718	1.48193	1.36718	1.48193	1.34229	1.342291	0.764467	0.883592	1.11574	0.17665	1.553459	-1.80682	0.427576	2.716333	-1.396	0.0307372	2.8439	2.8439	0.553812	1.29632	1.29632	1.99064	5.34816	2.38814	1
cg21671806	RALYL;RALYL;RALYL;RALYL	0.172607	0.222862	0.704785	-1.41887	0.0718942	0.577643	-1.73117	0.389111	0.785788	-1.27262	0.180604	0.678195	-1.4745	0.0191955	0.461213	-2.1682		0.440213	0.80654	-1.23986	0.0490866	0.541391	-1.84709	0.13367	0.642848	-1.55558	0.176474	0.675372	-1.48067	1.99063	2.3521	1.0503	1
cg23013194	VPS52;RPS18	0.172607	0.107313	0.800086	-1.24987	0.162202	1.20992	1.209921	0.0268867	1.08893	1.08893	0.308293	1.14317	1.14317	0.0220221	1.14387	1.14387		0.498963	1.091	1.091	0.528444	1.08441	1.08441	0.953441	0.992619	-1.00744	0.162389	1.23154	1.23154	1.99062	0.507614	0.226669	1
cg22288011	LAMP3	0.172622	0.166673	2.40025	2.40025	0.27205	0.120597	1.29992	0.325731	1.46493	1.46493	0.236322	1.08932	2.08932	0.215526	2.02673	2.03673		0.0330764	0.227707	-4.39161	0.786836	0.851333	-1.17463	0.195151	2.25614	2.25614	0.404242	2.68858	2.68858	1.99054	1.1116	0.496392	1
cg23414876	HSF4;HSF4;HSF4;HSF4;FBXL8	0.172625	0.330322	1.28384	1.28384	0.0934263	0.631939	-1.58243	0.503568	1.18393	1.18393	0.0521762	0.57732	-1.73214	0.16647	0.692835	-1.44334		0.955593	0.986244	-1.01395	0.876117	0.961939	-1.03957	0.204691	1.39498	1.39498	0.238882	1.35909	1.35909	1.99052	1.95044	0.870993	1
cg22852824	PLEKHA5;PLEKHA5	0.172627	0.0902093	1.78351	1.78351	0.242327	0.604808	-1.62582	0.307084	0.726629	-1.38768	0.360201	0.747153	-1.33841	0.292973	1.40221	1.40221		0.495786	1.239	1.239	0.267099	1.43014	1.43014	0.365196	1.33382	1.33382	0.460386	1.26224	1.26224	1.99051	3.02694	1.35172	1
cg12474090	RASA3	0.172629	0.0566964	0.457158	-2.18743	0.0541964	0.452535	-2.20977	0.504732	0.782213	-1.27842	0.516569	0.787688	-1.26934	0.0180073	0.352453	-2.83726		0.0924502	0.510701	-1.95809	0.605156	0.827576	-1.20835	0.442706	0.752752	-1.32846	0.227062	0.63116	-1.58438	1.9905	4.15118	1.85378	1
cg10479234	TBR1	0.172629	0.00747217	2.196346	-1.58209	0.0134476	0.214344	-4.6554	0.0047372	0.357	-2.80107	0.0125505	0.35707	-2.82726	0.0104488	0.218836	-4.08444		0.20575	0.70888	-1.41058	0.2788	-1.27882	0.0282153	0.0828568	-12.069	0.0135858	0.0098221	0.160472	-6.23162	1.9905	2.04488	1.02613	1
cg03182782	IQCA1	0.172631	0.335552	0.879876	-1.13652	0.777134	0.964089	-1.03725	0.383392	1.1209	1.12209	0.0824398	1.28134	1.28134	0.0212788	1.42867	1.42867		0.139795	1.22722	1.22722	0.325203	1.13988	1.13988	0.828209	0.972382	-1.0284	0.187555	1.19732	1.19732	1.99049	0.523156	0.233806	1
cg05462236	MTMR8	0.172632	0.6602621	0.272991	-3.66421	0.2880105	0.205977	-4.8549	0.220032	0.453728	-2.20396	0.92394	1.05293	1.052935	0.550165	0.399079	-2.50577		0.0326161	0.216012	-4.62937	0.543325	0.0888918	-11.2546	0.0214612	-6.62937	0.543325	0.0888918	-11.2546	0.0214612	1.99049	0.980781	-1.0196	1.90948	11.8388	5.28685	1
cg20890157	SLC25A37	0.172633	0.0830468	1.894867	1.08847	0.251089	0.644173	1.3564	0.15238	0.542351	1.23361	0.2504	0.470016	1.209198	0.0863777	1.806394	1.806394		0.0450617	2.430228	2.430228	0.0224442	2.123174	-2.00632	0.0562002	2.123174	-1.67453	0.0562002	2.123174	-1.67453	0.0562002	1.99048	4.2402	1.89355	1
cg22501231	KAB2;LOC100131801;LOC100131801	0.172633	0.9205322	0.978677	-1.02179	0.133023	0.141912	1.41912	0.0363419	1.69132	1.69132	0.79398	0.9304334	-1.07477	0.731628	1.07718	1.07718		0.9129651	0.976664	-1.02389	0.175174	0.73027	-1.36936	0.2925931	1.26594	1.26594	0.0530059	1.607181	1.607181	1.90947	1.607181	0.745663	1
cg18035537	GRIN2C	0.172633	0.0507652	1.645282	1.55713	0.1845749	0.2101	1.39054	0.0268883	0.614768	-1.61618	0.339316	0.726357	-1.37673	0.0677234	0.604331	-1.65398		0.600353	0.907741	-1.10164	0.0739282	0.704413	-1.42073	0.0720444	0.604331	-1.6466	0.0686965	0.810309	-1.2341	1.90947	1.05702	0.474036	1
cg15508379	IGF2AS;INS-IGF2;IGF2;IGF2AS;IGF2	0.172638	0.929674	0.957786	-1.04407	0.986504	0.991769	-1.0083	0.144699	2.14994	2.14994	0.520291	1.37496	1.37496	0.263123	0.565504	-1.76833		0.577979	0.759872	-1.31601	0.229665	0.955799	-1.04606	0.8159986	0.625222	0.462582	2.16255	2.01855	1.90945	1.52625	3.36105	1
cg07049905	CCDC12	0.172641	0.776875	1.03421	1.03421	0.00683847	1.51396	1.513956	0.574412	1.06948	1.06948	0.302501	1.13394	1.13394	0.111419	1.22786	1.22786		0.340239	1.1234	1.1234	0.593967	1.06577	1.06577	0.090379	1.24722	1.24722	0.805085	1.0297	1.0297	1.90943	0.441823	0.19751	1
cg26265809	MIR496;MIR154	0.172643	0.0512004	1.224502	1.224502	0.2126	1.69191	1.691911	0.751155	1.23868	1.23868	0.0703544	0.264229	-3.78538	0.0602503	0.26074	-3.8352		0.785601	0.832456	-1.20134	0.827477	1.15818	-1.15818	0.205679	0.407283	-2.4553	0.39042	1.15818	1.15818	0.205679	0.407283	2.45534	1.90943	14.2699	6.37271	1
cg05493945	EFNB2	0.172647	0.661584	1.15191	1.15191	0.1363324	0.574	-2.66382	0.343881	0.733461	-1.3634	0.415753	0.765619	-1.30613	0.864928	0.946803	1.05619		0.243784	0.675999	-1.47929	0.897152	1.0424	1.0424	0.414112	0.469254	-2.13104	0.20289	0.69468	-1.53972	1.9904	3.24975	1.4513	1
cg02693490	DPEP1;DPEP3	0.172647	0.245691	2.312014	2.312014	0.0648749	0.214344	-4.6554	0.0047372	0.357	-2.80107	0.0125505	0.35707	-2.82726	0.0104488	0.218836	-4.08444		0.20575	0.708858	-1.41058	0.2788	-1.27882	0.0282153	0.0828568	-12.069	0.0135858	0.0098221	0.160472	-6.23162	1.9905	2.04488	1.02613	1
cg06178887	POU2F2	0.172648	0.722394	1.20805	1.20805	0.00387023	7.85921	7.85921	0.229502	1.95051	1.95051	0.734824	1.19738	1.19738	0.645439	1.27823	1.27823		0.38901	1.5964	1.5964	0.371071	1.62684	1.62684	0.27232	1.832	1.832	0.783831	1.15685	1.15685	1.99039	0.84984	3.95225	1
cg06191495	DDX0	0.172648	0.289297	0.550066	-1.81796	0.0834412	0.353012	-2.83277	0.59011	1.34382	1.34382	0.713183	0.818218	-1.22217	0.112519	0.891081	-2.55702		0.663866	0.788507	-1.26822	0.0162011	0.20148	-4.96328	0.0871644	0.358301	-2.79095	0.381104	0.613742	-1.62935	1.99039	9.30876	4.15721	1
cg07180897	HLA-DQB2	0.172648	0.0242328	2.0846	-1.56299	0.0313473	1.60603	1.606031	0.0895415	2.0933	2.0933	0.152501	1.78704	1.78704	0.0257357	2.16449	2.16449		0.640047	0.78247	-1.27814	0.0196996	0.724992	-1.37996	0.144911	2.2458	2.2458	0.163819	1.35411	1.35411	1.99039	0.914841	3.76003	1
cg01737550	TCEAL6	0.172651	0.0528625	2.89772	2.89772	0.605312	0.777206	-1.28666	0.864389	1.08616	1.08616	0.41507	0.668457	-1.49598	0.581747	0.764155	-1.30863		0.0501673	2.9436	2.9436	0.066454	2.70513	2.70513	0.929085	0.957876	-1.04398	0.44497	1.686276	-1.45714	1.99037	7.36899	3.29005	1
cg07139471	C1orf52;C1orf52	0.172651	0.6550051	1.2744	1.2744	0.0788553	0.28349	1.52949	0.188571	1.83949	1.83949	0.315166	2.02286	2.022862	0.0182422	2.38043	-1.25859		0.4733662	1.19275	1.19275	0.524586	1.16945	1.16945	0.6108282	1.284437	1.284437	0.0178903	1.21686	1.21686	1.99037	0.947751	2.65523	1
cg17894088	KHDRBS3	0.172652	0.477817	0.862666	-1.15912	0.6600064	0.660147	-1.51481	0.460605	0.8656	-1.15527	0.702227	1.07809	1.078091	0.230637	0.593734	-1.68426		0.416192	1.848889	-1.17662	0.304717	2.131326	2.131326	0.115704	0.715561	-1.3975	0.643613	1.09548	1.09548	1.99037	2.20768	0.539343	1
ch.7.27147491F	FLI43663;FLI43663	0.172653	0.454178	0.700968	-1.4266	0.120988	0.456766	-2.18931	0.676062	0.822154	-1.21632	0.346415	0.636448	-1.57122	0.00529839	0.180387	-5.54362		0.744146	1.16488	1.16488	0.812276	0.895055	-1.11725	0.886777	1.06864	1.06864	0.52519	0.74079	-1.34991	0.99036	6.84569	3.05726	1
cg13737185	NCAPG2	0.172655	0.1850064	1.48631	1.48631	0.1998551	0.373171	-2.11771	0.3140937	0.816418	-1.22487	0.443693	0.616168	-1.62301	0.0316316	0.576357	-1.73509		0.600353	0.907741	-1.10164	0.0739282	0.704413	-1.42073	0.0720444	0.604331	-1.6466	0.0686965	0.810309	-1.2341	1.90947	1.05702	0.474036	1
cg25376651	EEF1DP3	0.172658	0.408514	0.552045	-1.81145	0.0269565	0.30351	0.30351	0.304026	2.09438	2.09438	0.53047	0.639805	-1.56298	0.0741453	0.427443	-2.33949		0.98937	0.990681	-1.00941	0.132813	0.319884	-3.12653	0.0972952	2.13617	2.13617	0.380057	0.533086	-1.88294	1.99033	15.57	6.95358	1
cg01449247	EFNA4;EFNA4;EFNA4	0.172663	0.0810468	1.8897	1.8897	0.0214614	0.644173	1.3564	0.15238	0.542351	1.23361	0.2504	0.470016	1.209198	0.0863777	1.806394	1.806394		0.0450617	2.430228	2.430228	0.0224442	2.123174	-2.00632	0.0562002	2.123174	-1.67453	0.0562002	2.123174	-1.67453	0.0562002	1.99033	4.2402	1.89355	1
cg07450021	KIAA0513	0.172667	0.0841608	0.520134	-1.92258	0.236639	0.654298	-1.52835	0.014783	0.358388	-2.79027	0.0291594	0.415041	-2.4094	0.472331	0.778729	-1.28414		0.932903	0.708487	-1.41146	0.337892	0.713213	-1.40211	0.446469	0.766846	-1.30404	0.415202	0.752083	-1.32964	1.99026	3.68899	1.64757	1
cg15314111	ACSL3	0.172674	0.97103	1.05826	1.05826	0.0248915	0.529417	-1.88887	0.678463	0.816418	-1.22487	0.443693	0.616168	-1.62301	0.0316316	0.576357	-1.73509		0.579899	0.845328	1.0926	0.509621	1.143361	1.143361	0.0970752	1.41361	1.41361	0.0970752	1.41361	1.41361	0.0970752	1.05702	0.474036	1
cg01093202	SH3BP5	0.172679	0.672829	-1.07826	0.0621633	0.56564	0.995702	1.00339	0.955923	1.00339	1.00339	0.955923	1.00339	1.00339	0.955923	1.00339	1.00339		0.145588	1.45888	0.64508	0.13	1.31352	0.651498	0.1884	1.0847	1.0847	1.0023	1.00772	1.00772	0.450073	1
cg14634826	JAM3	0.172676	0.202082	1.53698	1.53698	0.59579	0.842952	-1.18631	0.854007	1.06054	1.06054	0.875303	1.05139	1.05139	0.0666128	0.518744	-1.92773		0.474538	1.26122	1.26122	0.222179	1.50594	1.50594	0.597271	1.18548	1.18548	0.0313412	0.447804	-2.23312	1.99023	3.2099	1.43362	1
cg08657051	MRPL4;MRPL4;MRPL4	0.172679	0.990303	0.977335	-1.03233	0.264076	1.23216	1.232156	0.270196	0.948193	-1.05464	0.0405066	1.51835	1.518351	0.0673585	0.659103	-1.51703		0.527474	0.889541	-1.12418	0.079843	0.792576	-1.26171	0.0782025	1.90734	-1.10483	0.09221	1.90734	-1.10483	0.09221	1.09591	0.464327	1
cg09120302	PSMF1	0.172682	0.120904	0.807239	-1.23879	0.744668	0.959297	-1.04243	0.139743	0.816841	-1.22423	0.497661	0.912595	-1.09578	0.0163099	0.688048	-1.45339		0.671799	1.05576	1.05576	0.356657	0.886769	-1.12769	0.149557	0.821418	-1.21741	0.0652303	0.768341	-1.3015	1.99021	0.510925	0.228195	1
cg09152558	CHMP2A;CHMP2A	0.172683	0.794575	0.926577	-1.46548	0.1522273	0.449039	-2.25199	0.0320102	20.7908	20.7908	0.807273	1.34347	1.34347	0.663239	1.69764	1.69764		0.391259	2.80976	2.80976	0.0659225	19.6092	19.6092	0.0659225	12.2159	12.2159	0.0659225	19.6092	19.6092	0.0659225	20.4507	20.5454	1
cg18130809	PIM1; HYAL1;HYAL1;HYAL1;HYAL1;HYAL1;HY	0.172684	0.525624	1.20014	1.20014	0.847773	0.946945	-1.05603	0.548505	0.841794	-1.18794	0.465472	1.23454	1.23454	0.20289	1.4642	1.4642		0.319175	1.0312	1.0312	0.068029	0.383576	-2.62071	0.593555	0.858296	-1.1651	1.628011	1.14855	1.14855	1.99018	1.53626	1.13279	1
cg02742227	AL1	0.172685	0.239915	1.45058	1.45058	0.346795	0.745943	-1.34059	0.307325	0.726558	-1.37635	0.526201	1.21426	1.21426	0.0950238	1.74113	1.74113		0.128709	1.64266	1.64266	0.0259204	2.22395	2.22395	0.953319	0.98246	-1.01785	0.458199	1.25651	1.25651	1.90918	2.88004	1.28633	1
cg06389019	SLC9A3R1	0.172685	0.170222	0.531528	-1.88137	0.0356778	2.87995	2.87995	0.0927715	2.22614	2.22614	0.939487	1.0334	1.0334	0.458096	0.721348	-1.38668		0.337621	1.53374	1.53374	0.119685	2.07614	2.07614	0.39432	1.45862	1.45862	0.778498	0.885141	-1.12976	1.90918	5.90064	2.63545	1
cg16287940	ADAP1	0.172692	0.4159	0.771604	-1.296	0.173098	0.607206	-1.64689	0.482766	0.782327	-1.27824	0.611956	0.838577	-1.19232	0.0705159	0.278439	-3.59146		0.2579	1.08537	-1.12418	0.511299	1.25769	1.25769	0.0819547	1.02952	1.02952	0.679385	1.086651	-1.15387	1.90917	3.73186	1.64725	1
cg07702750	TRIL	0.172685	0.192716	0.505674	-1.97756	0.147311	0.463436	-2.1578	0.172663	0.487808	-2.04999	0.503018	0.714494	-1.39959	0.0902037	0.194874	-5.13151		0.153107	0.469211	-2.13124	0.0973749	0.406363	-2.46085	0.736719	0.84629	-1.18163	0.712592	0.832766	-1.20082	1.90916	7.71064	3.4439	1
cg25476145	GALT	0.172689	0.0894544	0.308388	-3.24267	0.460284	0.62357	-1.60367	0.956212	0.966091	-1.0351	0.372619	0.562673	-1.77723	0.248914	0.469001	-2.13219		0.27723	0.491667	-2.0339	0.946887	0.960373	-1.04126	0.0189088	0.96568	0.96568	0.841282	0.881645	-1.13424	1.90915	12.4408	5.55658	1
cg23994802	AQP12B	0.172689	0.850946	1.05007	1.05007	0.0248915	0.529417	-1.88887	0.678463	0.816418	-1.22487	0.443693	0.616168	-1.62301	0.0316316	0.576357	-1.73509		0.579899	0.845328	1.0926	0.509621	1.143361	1.143361	0.0970752	1.41361	1.41361	0.0970752	1.41361	1.41361	0.0970752	1.05702	0.474036	1
cg06073734	GABRR1	0.172693	0.880044	0.963468	-1.03792	0.0395693	0.556208	-1.79789	0.185813	0.707711	-1.413	0.725606	0.916825	-1.09072	0.953278	0.985664	-1.01454		0.0942987	1.57347	1.57347	0.0910348	1.58208	1.58208	0.49781	1.18485	1.18485	0.841252	1.05066	1.05066	1.90913	3.9142	0.854974	1
cg26417604	ZFYVE26;ZFYVE26	0.172694	0.880777	1.05533	1.05533	0.0248359	0.529417	-1.88887	?	?	?	?	?	?	?	?	?		0.116681	1.08759	1.08759	0.0255156	1.16584	1.16584	0.0255156	1.16584	1.16584	0.0255156	1.16584	1.16584	0.0255156	1.08043	0.432264	1
cg05613017	LEMD3;LEMD3	0.172697	0.0343376	0.130105	-7.68611	0.609765	1.53002	1.53002	0.862176	0.866274	-1.15437	0.29189	0.406792	-2.45826	0.107619	0.23442	-4.26584		0.257182	0.376459	-2.65633	0.0240901	0.108349	-9.22993	0.820911	0.829179	-1.20601	0.199149	0.32601	3.06739	1.90911	21.5121	9.60846	1
cg13436417	PPAPDC1A	0.172698	0.0467641	0.274301	-3.64563	0.014866	0.778723	-1.55925	0.601124	0.738476	-1.35414	0.534384	0.696518	-1.43571	0.119185	0.378585	-2.64142		0.177813	0.439102	-2.27738	0.17039	0.432073	-2.31442	0.200919	0.46008	-2.17354	0.168995	0.430735	-2.32161	1.9091	10.4118	4.65046	1
cg26111265	IGSF10;IGSF3	0.172701	0.86314	1.029275	-1.06207	0.577132	0.72577	-1.37877	0.54752	1.45701	1.45701	0.707268	1.84182	-1.18598	0.525106	1.75182	-1.33217		0.823837	0.901062	-1.10969	0.407183	0.839715	-1.19054	0.4107	2.28841	2.28841	0.204536	2.529264	-1.88942	1.90909	7.71879	3.17967	1
cg11099722	ALDH1A3	0.172701	0.0548446	0.117613	-8.50246	0.397761	0.42698	-2.34203	0.394259	0.424155	-2.35763	0.217924	0.279741	-3.57473	0.0443867	0.103366	-9.67434		0.167212	0.235228	-4.25119	0.0411638	0.0987171	-10.13	0.0933889	0.163037	-6.13359	0.0998295	0.1699	-5.88582	1.90909	30.4486	13.6001	1
cg12370056	S

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Error	F(Treat	SS(Error)	SS(Treat)	
cg06448990	AMOT	0.172888	0.741171	1.23469	1.22469	1.430822	0.611661	-1.63489	0.974789	0.980861	-1.03951	0.25556	-1.4819339	-2.06638	0.635738	0.2793	-1.58207		0.533231	1.67984	-1.47093	0.0400364	0.234241	-4.26911	0.7210391	1.24509	1.24509	0.0255995	0.197565	-5.06163	1.98802	11.7791	5.26409	1
cg20642462	GPR133	0.17280	0.791415	0.948313	-1.0545	0.57315	0.89227	-1.12074	0.0134158	0.541709	-1.84601	0.282073	1.25086	1.25086	0.121754	0.714726	-1.39914		0.1378558	0.726215	1.377	0.29289	0.803741	-1.24417	0.867997	1.03387	1.03387	0.3069545	0.809157	-1.23585	1.989	1.26281	0.56435	1
cg23106115	C8orf38	0.17289	0.2713327	0.757216	-1.32063	0.223673	1.36598	1.36598	0.172337	1.42526	1.42526	0.549163	1.15935	1.15935	0.0321669	0.54219	-1.84437		0.5949773	0.877306	-1.13985	0.700701	0.9100984	-1.0988	0.1515303	1.45484	1.45484	0.43231	0.822427	-1.21591	1.989	1.87469	0.837804	1
cg24357717	ZFL21	0.17289	0.0663414	0.211871	-4.71984	0.281856	0.430515	-2.32281	0.174591	0.368465	-2.96872	0.273184	0.423447	-2.36157	0.0600647	0.222425	-4.94496		0.0944775	0.250293	-3.9953	0.0264778	0.137727	-7.26074	0.4184482	0.536348	-1.86446	0.100425	0.257657	-3.88113	3.98986	17.8867	7.99387	1
cg12959106	LOC729375	0.17289	0.293667	0.8323366	-1.20139	0.513449	1.1037	1.1037	0.685093	0.941106	-1.06258	0.685611	0.941207	-1.06247	0.422304	1.12979	1.12979		0.95202	0.991081	-1.009	0.016795	0.647615	-1.54413	0.799577	1.0386	1.0386	0.0827002	1.33124	1.33124	1.98896	0.6982558	0.31206	1
cg20448720	HLA-L	0.17293	0.2766418	1.40908	1.40908	0.138555	1.62177	1.62177	0.0430797	0.20462	2.08462	0.285296	1.3998	1.3998	0.0833328	0.78772	-1.26973		0.0776131	1.81198	1.81198	0.0873116	1.77265	1.77265	0.795283	1.08199	1.08199	0.0481202	1.98289	1.98289	3.89305	2.29296	1
cg15543919	PTGIS_PTGIS	0.17291	0.3868801	1.23479	1.23479	0.160354	1.42841	1.42841	0.52022	0.8564551	-1.16761	0.128739	0.6768451	-1.47744	0.710635	0.921122	-1.08563		0.033403	0.553792	-1.80573	0.161258	0.7006931	-1.42716	0.7179674	0.917384	-1.09006	0.147929	0.691404	-1.44633	1.98888	1.78034	0.795686	1
cg24587601	CASKA/CASK5/CASK4/CASK5	0.17913	0.8606308	1.08906	1.08906	0.491673	1.40367	1.40367	0.604245	0.8254644	-1.21144	0.0467203	0.3310221	-3.02096	0.847257	1.08815	1.08815		0.27003	0.572576	-1.74649	0.545851	0.7484104	-1.33671	0.2919149	0.47774	0.47774	0.2983662	0.592053	-1.68768	1.98887	7.42469	3.31833	1
cg23894287	PLEKHA2	0.17914	0.203803	0.5208779	-1.91981	0.3183656	0.29689	-3.36825	0.0104773	0.2511144	-4.73611	0.270089	0.5744447	-1.7408	0.4169639	0.671632	-1.48891		0.2757567	0.578511	-1.72857	0.372576	0.642819	-1.55565	0.611063	0.78069	-1.28092	0.788089	0.87805	-1.13889	1.98886	7.33998	3.28048	1
cg13503067	TSPM SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC	0.17924	0.244214	0.844786	-1.18373	0.906002	0.983779	-1.01649	0.38212	1.13212	1.13212	0.624057	0.933898	-1.07078	0.509869	1.09697	1.09697		0.840218	1.02834	1.02834	0.692588	1.05655	1.05655	0.0180116	1.48862	1.48862	0.0436233	1.37873	1.37873	1.9888	0.6037354	0.269837	1
cg06463221	14L1	0.172925	0.0349862	0.390686	-2.5596	0.335495	0.683921	-1.46216	0.174946	1.7365	1.7365	0.88678	1.05601	1.05601	0.0804432	0.576468	-2.09834		0.3502058	0.692264	-1.44454	0.23796	0.623215	-1.60458	0.521972	1.28179	1.28179	0.193189	0.59053	-1.6934	1.9888	4.60808	2.06002	1
cg26765185	IQCE;IQCE	0.172926	0.462668	0.907312	-1.10202	0.2019218	1.30264	1.30264	0.0837703	1.03932	1.03932	0.904624	0.983693	-1.01658	0.940663	1.00887	1.00887		0.3238737	1.13445	1.13445	0.0100817	1.56115	1.56115	0.805025	0.969381	-1.03132	0.261751	0.851672	-1.17416	1.9888	0.592795	0.264949	1
cg01024113	TLE3;TLE3;TLE3	0.172928	0.292483	0.7926599	-1.26151	0.181856	1.3518	1.3518	0.242064	0.77071	-1.29751	0.388659	1.20775	1.20775	0.113057	0.44318	-2.25564		0.2515504	0.7750482	-1.29024	0.100367	0.466551	-1.46651	0.3678332	0.7822297	-1.27829	0.3532388	1.22526	1.22526	1.98879	1.42514	0.636968	1
cg06132455	C22orf29;GNB1L	0.172929	0.75481	1.1068	1.10688	0.0220405	0.245343	2.43543	0.0779765	0.188679	2.116352	1.73866	1.73866	0.85611	0.941207	-1.06247	0.422304	1.12979	1.12979		0.0848469	1.85458	1.85458	0.079037	1.88157	1.88157	0.587506	1.19427	1.19427	0.862969	1.05759	1.05759	1.98878	3.30946	1.47917	1
cg14236011	TIPZ;TIPZ;TIPZ;TIPZ;TIPZ;TIPZ	0.172931	0.4810309	0.7045955	-1.41745	0.1124	0.644315	-2.30247	0.0453403	0.3228672	3.098574	0.2882	0.2202001	4.5407	0.1447254	6.907	-1.44754		0.762706	0.862871	-1.15892	0.830045	0.9005598	-1.11037	0.324507	1.64143	1.64143	0.145879	0.467456	-2.13924	1.9877	7.42227	3.33977	1
cg08265769	SNTG1;SNTG1	0.172933	0.551749	0.875091	-1.14274	0.192614	1.35742	1.35742	0.0158364	0.5194591	-1.92508	0.330036	1.24951	1.24951	0.319757	0.796247	-1.25589		0.984438	0.995687	-1.00443	0.418826	0.8327131	-1.20089	0.526745	0.867508	-1.15273	0.268329	1.29111	1.29111	1.98876	1.54681	0.691358	1
cg00445696	PPAP4E/6	0.172936	0.0286428	0.419381	-2.38473	0.144696	0.606781	-1.64804	0.0533951	0.492172	-2.03181	0.115222	0.54731	-1.82642	0.0774247	1.29151	-1.44947		0.205799	0.649426	-1.53962	0.224496	0.6681886	-1.51084	0.6505673	0.4864457	-2.05568	0.217518	0.657316	-1.52134	1.98874	3.29468	1.4726	1
cg02569115	TIMP3	0.172937	0.2552324	0.607221	-1.64629	0.1446515	0.664437	-1.50503	0.0977786	0.466317	-2.14437	0.171331	0.8564436	-1.16703	0.1039408	0.8564436	-1.16703		0.469767	0.734297	-1.36185	0.0456099	0.3818896	-2.61851	0.303408	0.6391117	-1.56466	0.793302	0.8095582	-1.23516	1.98873	3.55509	2.48202	1
cg15674219	RSPH6A	0.172942	0.0636356	0.242983	-4.11552	0.38386	0.54563	-1.83274	0.144352	0.345104	-2.89768	0.164355	0.365443	-2.7364	0.0443361	0.208655	-4.79261		0.663855	0.743281	-1.34539	0.0367463	0.192773	-5.18745	?	?	?	0.280507	0.467159	-2.1406	2.00208	12.9744	6.48045	1
cg04002758	SBK1	0.172944	0.453759	0.886199	-1.12804	0.2049301	1.5288	1.5288	0.265432	1.20169	1.20169	0.971289	0.994319	-1.00574	0.2805931	1.59205	-1.19429		0.5908019	0.917676	-1.08971	0.444933	1.13133	1.13133	0.652448	1.07441	1.07441	0.0208382	1.50783	1.50783	1.98869	0.789373	0.352827	1
cg04995291	IL28B	0.172944	0.365183	1.25083	1.25083	0.148003	0.689034	-1.45131	0.357721	0.796513	-1.25547	0.172123	0.141851	1.41851	0.677208	0.904206	-1.10594		0.285242	1.30602	1.30602	0.0347197	1.807186	1.807186	0.189676	1.39997	1.39997	0.595979	0.879227	-1.13736	1.98869	1.82241	0.814564	1
cg08034655	TPS3BP1;TPS3BP1;TPS3BP1	0.172945	0.753539	0.895347	-1.11702	0.1419695	1.21417	1.21417	0.363974	1.13056	1.13056	0.556481	1.12547	1.12547	0.10577	0.802358	-1.24617		0.305722	0.7140954	-1.40041	0.0998337	0.6662184	-1.50121	0.0153733	0.4917768	-2.03346	0.0683227	0.5368468	-1.86277	1.98868	6.64888	2.97902	1
cg25141894	DENND2C	0.172948	0.499197	1.14572	1.14572	0.0321365	0.60791	-1.64498	0.0251748	0.589785	-1.69553	0.48984	0.870132	-1.14925	0.131702	0.724203	-1.38083		0.66923	0.918308	-1.08896	0.711569	1.07643	1.07643	0.487453	0.869445	-1.15016	0.216061	0.772246	-1.29457	1.98867	1.23862	0.553635	1
cg15973594	HCG9	0.172948	0.135437	1.4732	1.4732	0.27598	0.716215	-1.31369	0.0716438	0.616147	-1.62299	0.228152	0.737457	-1.35601	0.0627681	1.02235	1.02235		0.788437	1.0669	1.0669	0.158172	1.43799	1.43799	0.147491	0.838323	-1.19286	0.0934956	0.641375	-1.55915	1.98867	1.82573	0.816058	1
cg05378032	FAM73B	0.172951	0.6505353	0.9564	1.04572	0.1001	0.8020564	1.24672	0.0940545	0.8972	1.204505	0.49239	0.4870449	2.05301	0.4670307	-1.14154	0.25889		0.507013	1.16899	1.16899	0.0177225	1.0288	1.0288	0.0262253	1.29578	1.29578	0.14866	0.80413	0.10594	1.9886	0.7423388	0.3544	1
cg01485439	CABP4	0.172952	0.359199	0.654407	-1.5281	0.0300355	0.317323	-3.15137	0.271865	0.597836	-1.6727	0.340484	0.642863	-1.55554	0.0412298	0.346757	-2.88387		0.118116	0.466188	-2.14506	0.047446	0.360529	-2.77294	0.175217	0.522871	-1.91252	0.188715	0.534546	-1.87075	1.98865	6.37138	2.84789	1
cg09831861	ID3;ID3	0.172954	0.0460094	0.3151	-3.17355	0.144306	0.67999	-1.47069	0.0965157	0.4923172	-2.03181	0.115222	0.54731	-1.82642	0.0774247	1.29151	-1.44947		0.2057099	0.649426	-1.53962	0.224496	0.6681886	-1.51084	0.6505673	0.4864457	-2.05568	0.217518	0.657316	-1.52134	1.98874	3.29468	1.4726	1
cg06586761	RUNDC2C	0.172957	0.683769	1.18517	1.18517	0.0487384	0.70291	-1.47091	0.57483	1.22621	1.22621	0.892516	0.9487584	-1.05401	0.9981751	1.01859			0.229019	1.68819	1.68819	0.0644294	1.21227	1.21227	0.232582	1.68083	1.68083	0.706267	1.854653	-1.17097	1.98862	1.41985	2.42261	1
cg18581445	SHD;SHD	0.17296	0.173286	0.638791	-1.56546	0.56761	1.19566	1.19566	0.0282516	0.22822	2.22822	0.20675	0.66241	-1.50964	0.580598	0.841463	-1.18841		0.5224374	0.818333	-1.222	0.137492	0.6097727	-1.64008	0.303468	0.719161	-1.39051	0.6025097	1.17648	1.17648	1.9886	3.03118	1.34687	1
cg04644317	ATF7IP;ATF7IP	0.172964	0.0725197	0.3125	-3.20027	0.142117	0.6217	-1.60851	0.0878307	0.4424	2.24224	0.480428	0.63034	-1.58637	0.0773	1.29373	-1.45263		0.0841504	1.58602	1.58602	0.0481983	1.33126	1.33126	0.0997327	1.5465	1.5465	0.0404443	1.77046	1.77046	1.98858	0.8200889	0.3709	1
cg20649865	TMEM131	0.172964	0.595365	1.1139	1.1139	0.225803	1.29174	1.29174	0.999927	0.999982	-1.00002	0.261943	1.26544	1.26544	0.160486	0.74312	-1.34568		0.7813373	1.05759	1.05759	0.0132672	0.533292	-1.87453	0.601676	0.899432	-1.11181	0.824401	1.04574	1.04574	1.98857	1.2756	0.57019	1
cg02077337	MTERF1D1;MTERFD1;PTDSS1	0.172965	0.2766182	1.26951	1.26951	0.154332	0.66196	-1.51049	0.0821159	0.4163653	-2.40254	0.0992	0.2211934	4.51963	0.1438895	6.95	-1.43907		0.1439611	1.37314	1.37314	0.05216	1.05218	1.05218	0.0554148	1.19511	1.19511	0.0898985	1.5	1.5	1.98857	0.9998485	0.4317	1
cg26040571	ZNF101	0.172966	0.13054	0.663377	-1.50744	0.628421	0.884643	-1.1304	0.315354	1.29815	1.29815	0.570704	0.865866	-1.15491	0.619339	0.879984	-1.13638		0.597018	0.874498	-1.14351	0.0824453	1.62174	1.62174	0.04900552	1.75928	1.75928	0.183837	1.4253	1.4253	1.98856	1.98962	0.889361	1
cg13831922	MYOCD;MYOCD;MYOCD;MYOCD	0.172967	0.150241	0.259267	-3.85702	0.0556844	0.67142	-1.67142	0.0457587	0.42267	2.42267	0.935887	1.07296	1.07296	0.547725	0.587743	-1.70316		0.7697777	0.773464	-1.29289	0.492157	0.891009	-1.12232	0.158799	1.37325	1.37325	1.98856	24.1297	10.786	1
cg15544633	LIPT1;LIPT1;LIPT1;LIPT1;LIPT1;TSGA10	0.172972	0.48668	0.468209	-2.1358	0.104544	0.86803	0.86803	0.0647977	0.60401	0.60401	0.433691	0.423879	-2.35917	?	?	?		?	?	?	0.922884	1.10928	1.10928	0.0601161	10.1219	10.1219	0.853328	0.820159	-1.21928	2.10929	29.1804	13.8342	1
cg02384165	SCAMP2	0.17298	0.0265451	0.3125	-3.20027	0.142117	0.6221	-1.6171	0.1447855	0.449086	-2.86463	0.827702	0.6252	-1.59962	0.1447855	0.449086	-2.22636		0.0642288	0.247049	?	-4.04779	0.0268778	0.221886	0.0268778	0.221886	-4.50978	0.253005	0.197565	-5.06163	1.98802	14.2377	6.34451	1
cg06214807	ZNF827	0.172981	0.0226306	0.594594	-1.68182	0.144161	1.38658	1.38658	0.881635	0.969287	-1.03179	0.945085	0.986965	-1.01321	0.863786	1.03325	1.03325		?	?	?		1.19314	1.19314	0.186364	1.65376	1.65376	0.159215	0.750846	-1.33183	2.00185	1.02242	0.510737	1
cg18584907	TANK;TANK	0.172984	0.759214	1.04051	1.04051	0.428443	1.10086	1.10086	0.223881	1.16403	1.16403	0.944841	0.991809	-1.00826	0.0853903	1.25363	1.25363		0.430986	0.90888	-1.10026	0.0250864	0.728516	-1.37265	0.734193	0.960298	-1.04134	0.257628	1.15076	1.15076	1.98846	0.4449571	0.198912	1
cg25982880	UHRF1;UHRF1	0.172986	0.0953516	0.372636	-2.68434	0.1326423	1.33383	1.33383	0.228766	1.16433	1.16433	0.760205	1.07153	1.07153	0.2844579	1.53295	-1.23395		0.254531	1.79725	1.79725	0.0205694	1.43733	1.43733	0.342825	1.59616	1.59616	0.1253136	0.564925	-1.77051	1.98845	0.7395	0.22283	1
cg01019643	EMP2	0.172987	0.632320	1.13638	1.13638	0.0450963	0.543465	-1.84004	0.393727	1.26075	1.26075	0.199121	0.697779	-1.43312	0.864077	0.955574	-1.04649		0.54788	1.17502	1.17502	0.0414368	1.85588	1.85588	0.307805	0.765104	-1.30701	0.755051	0.920346	-1.08655	1.98844	2.21529	0.990296	1
cg03639368	HDAC4	0.172991	0.512135	0.8704	1.14882	0.1150101	0.820954	1.21872	0.204505	0.89729	1.114905	0.43739	0.402049	-2.48477	0.1117754	0.894606	-1.11806		0.129141	1.36911	1.36911	0.0132684	1.34747	1.34747	0.0139462	1.64962	1.64962	0.0297554	1.24883	1.24883	0.0440905	0.583448	0.178357	1
cg26150045	CCDC57	0.172991	0.747644	1.17718	1.17718	0.0290716	0.272573	-3.66875	0.0224128	0.25101	-3.98391	0.28999	1.74181	1.74181	0.454619	0.680547	-1.46941		0.948581	1.03313	-1.03313	0.589919	0.759621	-1.31645	0.703643	0.82438	-1.21303	0.69912	1.21683	1.21683	1.98842	8.04089	3.59454	1
cg07315116	STRADB	0.172999	0.6320354	1.14795	1.14795	0.0470966	0.672042	1.48809	0.0961557	0.7999	-1.00386	0.781487	0.996515	-1.00348	0.1429601	1.39503	-1.25625		0.4256631	1.16174	1.16174	0.0470189	1.26018	1.26018	0.0619397	0.884514	-1.12895	0.110064	0.64505	-1.54505	1.98838	0.8852324	0.382279	1
cg06586761	RUNDC2C	0.172957	0.683769	1.18517	1.18517	0.0487384	0.70291	-1.47091	0.57483	1.22621	1.22621	0.892516	0.9487584	-1.05401	0.9981751	1.01859			0.229019	1.68819	1.68819	0.0644294	1.21227	1.21227	0.232582	1.68083	1.68083	0.706267	1.854653	-1.17097	1.98862	1.41985	2.42261	1
cg03039974	FTL	0.172999	0.234316	1.26249	1.26249	0.97642	0.994489	-1.00554	0.185547	1.30012	1.30012	0.722914	1.06883	1.06883	0.794406	1.05004	1.05004		0.604617	0.906962	1.10258	0.0561921	0.6674616	-1.49827	0.456565	1.1523	1.1523	0.0280524	1.52436	1.62436	1.98838	1.10075	0.492085	1
cg13836282	ZNF519	0.173003	0.6025193	1.12466	1.12466	0.0527396	0.71331	-1.40192	0.0708387	0.7787763	-1.28409	0.0151878	0.754158	-1.32612	0.0884722	1.13126	-1.18425		0.8413804	1.90506	1.90506	0.0124754	1.94827	-1.05804	0.0458784	0.999188	-1.00081	0.450784	1.10322	1.10322	1.98835	0.514708	0.230939	1
cg07648738	CIRBP;CIRBP;CIRBP;C19orf23	0.173006	0.654189	1.07418	1.07418	0.576369	0.914319	-1.09371	0.2212728	1.22635	1.22635	0.0871445	1.34954	1.34954	0.843824	1.0318	1.0318		0.5990906	1.08783	1.08783	0.059746	0.7138151	-1.40092	0.58132	1.09242	1.09242	0.0434914	1.44548	1.44548	1.98834	0.7931	0.354557	1
cg13779741	GAS7	0.173007	0.729994	1.12951	1.12951	0.156332	0.86803	-1.24067	0.874144	1.109	1.109	0.51914	0.985771	-1.01503	0.1240604	0.930992	-1.021222		0.654217	0.74139	-1.34893	0.00521766	0.986571	-1.15512	0.327654	0.551204	-1.96582	0.615512	0.714221	-1.40013	1.98833	6.32975	3.04755	1
cg12191355	C9orf59;C9orf59	0.173007	0.9091848	1.08529	-1.01386	0.8200634	1.02787	1.02787	0.571698	0.933376	-1.07138	0.136554	1.21349	1.21349	0.041319	1.32834	1.32834		0.6904855	1.25236	1.25236	0.0139306	1.07044	1.07044	0.113699	1.28076	1.28076	0.0511103	1.30734	1.30734	1.98833	0.458322	0.204894	1
cg07089077	ELF2	0.173011	0.953644	0.985101	-1.01519	0.746479	0.919808	-1.08718	0.115999	0.643891	-1.55306	0.80689	1.06514	1.06514	0.449925	1.21945	1.21945		0.303921	1.31572	1.31572	0.0154943	1.24948	1.24948	0.520769	1.18263	1.18263	0.135617	1.53156	1.53156	1.98831	2.09119	0.934883	1
cg03136323	SYT17	0.173013	0.960048	0.9854047	1.01502	0.6760369	0.972559	1.01515	0.533458	0.9995	1.00048	0.999342	1.03342	1.03342	0.708898	0.90365	-1.10668		0.7426016	1.19716	1.19716	0.0428208	1.04454	1.04454	0.377558	1.0867	1.0867	0.0949005	0.583448	0.178357	1.9883	0.2506	1.12137	1
cg19544469	ELMO3	0.173019	0.01912	5.35275	5.35275	0.112513	0.77895	-1.77895	0.0602151	0.50399	3.50399	0.247657	0.04423	2.04423	0.619615	1.34451	1.34451		0.916908	0.940131	-1.06368	0.293168	1.90619	1.90619	0.178192	2.33099	2.33099	0.0847638	1.0886	3.0886	1.98826	11.0203	4.92683	1
cg20328318	USP2;USP2	0.173022	0.0712021	0.41885	-2.5178	0.1860759	0.965829	-1.03538	0.958765	0.989352	-1.01076	0.749344	1.06862	1.06862	0.587311	0.892737	-1.12015		0.1139707	0.773756	-1.2924	0.0463931	0.6225055	-1.60594	0.1078971	1.32661	1.32661	0.138814	1.39084	1.39084	1.98824	1.34995	0.601527	1
cg14117297	TMIGD2;TMIGD2	0.173023	0.0716377	0.4184942	-2.38697	0.987187	1.00697	1.00697	0.1190257	0.5004301	0.493503	-2.02633	0.0256816	0.317834	3.14629				0.176442	1.53709	-1.86189	0.256532	0.599147	-1.66904	0.0684249	0.421446	-2.44161	0.0346237	1.52049	1.52049	1.98838	1.78168	2.84841	1
cg22771548	RGNEF	0.173026	0.141693	1.350677	-2.85163	0.490805	1.59047	1.59047	0.130004	0.29583	3.29583	0.211356	0.434937	-2.29919	0.888417	0.911101	-1.09757		0.446697	0.597886	-1.67256	0.240092	0.442319	-2.26081	0.0713146	0.262545	-3.80308	0.0673562	0.256812	-3.8939	1.98822	13.8489	6.19152	1
cg24910702	ZNF519	0.173029	0.616343	1.12466	1.12466	0.0527396	0.71331	-1.40192	0.0708387	0.7787763	-1.28409	0.0151878	0.754158	-1.32612	0.0884722	1.13126	-1.18425		0.4413804	1.90506	1.90506	0.0124754	1.94827	-1.05804	0.0458784	0.999188	-1.00081	0.450784	1.10322	1.10322	1.98835	0.514708	0.230939	1
cg13504067	ZFP92	0.173031	0.608311	0.798837	-1.25182	0.866018	0.17613	1.07613	0.945674	1.03005	1.03005	0.175888	0.53509	-1.86884	0.0195453	0.293425	-3.40802		0.682258	1.19584	1.19584	0.050262	0.379921	-2.63213	0.550563	1.30006	1.30006	0.163566	0.524116	-1.90797	1.98819	5.9449	2.65787	1
cg14535006	C20orf12;POU3F1	0.173031	0.1145157	0.6	1.20442	0.1244217	0.866452	-1.12383	0.1533104	0.8953452	-1.11693	0.0818149	0.533517	0.59236	-1.68842	0.0772555	0.8578345	1.16595	0.0474347	0.708189	-1.41203	0.0867873	0.972582	-1.02839	0.0382732	1.29707	1.29707	0.0733	0.2547	1.98819	0.9933	0.4	1
cg04446722	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.173034	0.244205	0.643013	-1.55518	0.270349	0.515586	1.51586	0.525333	0.791932	-1.26273	0.361898	0.711997	-1.4045	0.633806	1.18999	1.18999		0.175087	0.592911	-1.68659	0.0164353	0.89408	2.89408	0.989706	0.00469	1.00469	0.692783	1.1548	1.1548	1.98818	4.13664	1.84944	1
cg24249751	SOX4	0.17034	0.61468	1.15471	1.15471	0.209676	2.06676	2.06676	0.225158	1.43456	1.43456	0.909985	1.03257	1.03257	0.952621	0.983302	-1.01698		0.246134	1.41021	1.41021	1.41021	0.162703	0.626425	-1.59636	0.186164	0.67219	-1.48767	0.279486	1.37525	1.37525	1.98814	2.52893	1.13067	1
cg17456853	ARSB	0.173034	0.1278644	0.6749	1.20442	0.1244217	0.866452	-1.12383	0.1533104	0.8953452	-1.11693	0.0818149	0.533517	0.59236	-1.68842	0.0772555	0.8578345	1.16595	0.0474347	0.708189	-1.41203	0.0867873	0.972582	-1.02839	0.0382732	1.29707	1.29707	0.0733	0.2547	1.98819	0.9933	0.4	1
cg08263561	C14orf80;C14orf80;C14orf80	0.173042	0.0449026	1.56379	1.56379	0.545073	1.12633	1.12633	0.304609	1.22938	1.22938	0.148434	1.31413	1.31413	0.182949	1.31587	1.31587		0.207723	1.29439	1.29439	0.114237	1.39615	1.39615	0.886119	0.972548	-1.02823	0.106254	0.709891	-1.40867	1.98813

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	p-value(1057 vs. N)	Fold-Change(1-vs-1057TN)	p-value(1119 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127TN)	p-value(1217 vs. N)	Fold-Change(1-vs-1217TN)	p-value(1247 vs. N)	Fold-Change(1-vs-1247TN)	p-value(1217 vs. 1247)	Fold-Change(1-vs-2217TN)	p-value(3477 vs. N)	Fold-Change(3477-vs-N)	p-value(3477 vs. 4477)	Fold-Change(3477-vs-4477)	p-value(3537 vs. N)	Fold-Change(3537-vs-N)	p-value(5377 vs. N)	Fold-Change(5377-vs-N)	p-value(5637 vs. N)	Fold-Change(5637-vs-N)	F(Error)
cg28630798	SLC38A10;SLC38A10	0.173201	0.302165	0.609961	-1.49261	0.0521223	0.436992	-2.28837	0.104171	0.5119918	-1.94583	0.766862	0.895103	-1.11719	0.0290648	0.383019	-2.61084		0.0311781	0.387686	-2.57941	0.765007	0.893751	-1.11888	0.585908	0.813097	-1.22685	0.560815	0.802124	-1.24669	1.08722	4.43919	1.97671	1
cg03383411	HSPA8;HSPA8	0.173203	0.931703	1.01509	1.015509	0.8863606	1.39239	1.39239	0.0277316	1.577556	1.577556	0.420088	1.1548	1.1548	0.418236	1.11549	1.11549		0.2892211	1.211193	1.211193	0.2724629	0.8190881	-1.22088	0.450635	0.8743331	-1.14373	0.1036333	1.36475	1.36475	1.98721	0.9607884	0.4297663	1
cg27532244	ZNF596;ZNF596;HPLP1;ZSAP53;ZNF59(	0.173203	0.63281	0.894944	-1.11739	0.3413201	0.797602	-1.25376	0.615786	1.12375	1.12375	0.0478091	1.68506	1.68506	0.9325	0.9806555	-1.01973		0.0347187	0.5668571	-1.76411	0.110657	0.6697166	-1.49306	0.937567	0.9820981	-1.01823	0.7976313	0.9424666	-1.06105	1.98721	1.67348	0.7488554	1
cg13406070	PTPN2;PTPN2;PTPN2	0.173204	0.767014	1.10984	1.109841	0.4166095	1.13796	1.13796	0.8514421	1.06798	1.06798	0.7799417	1.10323	1.10323	0.0241446	1.380443	-2.56795		0.3763131	1.17409	1.17409	0.334491	2.368561	2.368561	0.879429	1.054901	1.054901	0.245469	0.584432	0.8233833	1.211384	1.987271	1.83722	1.7321	1
cg00428492	GTPBP8;GTPBP8	0.173206	0.164183	0.768228	-1.3017	0.492465	1.13182	1.13182	0.651743	0.922465	-1.08405	0.156567	1.30889	1.30889	0.0714591	0.699375	-1.42985		0.0806528	1.410178	1.41078	0.282963	1.229916	1.229916	0.674957	1.07779	1.07779	0.399735	0.858022	-1.16547	1.98719	0.9930033	0.4441193	1
cg25252443	ZNFE15	0.173208	0.714294	1.149021	1.14903	0.7936009	1.10414	1.10414	0.0845304	0.486324	-2.05624	2.21024	1.64681	1.64681	0.565421	1.2455	-1.2455		0.1789896	0.583106	-1.71495	0.022087	0.9545512	-2.82078	0.602804	0.8200779	-1.2194	0.4188453	0.731914	-1.36628	1.98718	4.492659	2.009569	1
cg10126205	TWIST1	0.173208	0.586803	1.66464	1.66464	0.0160157	0.0646963	-15.4568	0.975066	0.971393	-1.02945	0.737502	0.7317	-1.36668	0.36254	0.419329	-2.38476		0.2414664	0.320251	-3.12255	0.306921	0.3744663	-2.67049	0.0909823	0.63524	0.63524	0.988875	0.987135	-1.01303	1.98718	27.1425	12.1412	1
cg01606420	MIR512-1;MIR512-2	0.173209	0.0254872	0.123452	-7.78502	0.108319	0.283318	1.1206	0.1873454	0.234572	-4.63534	0.181841	0.334327	-1.67555	0.0484721	0.179265	-5.71247		0.183127	0.135578	-7.37494	0.115956	0.2662356	-3.75678	0.258527	0.445992	-2.48764	0.45567	0.555802	-1.7992	1.98717	18.8068	8.41252	1
cg24435571	ARL3	0.173221	0.0236757	0.295496	-3.38414	0.0917047	0.432535	-2.31195	0.099176	0.442271	-2.26105	0.0391995	0.340616	-2.93586	0.237035	0.571705	-1.74916		0.595338	0.785104	-1.27372	0.148651	0.496995	-2.01209	0.848998	0.917566	-1.08984	0.423626	0.601528	-1.44607	1.98717	0.64126	0.26784	1
cg14863544	XK86	0.173214	0.103931	2.03628	2.03628	0.515982	0.768418	-1.30138	0.335344	0.672093	-1.48789	0.192118	0.575671	-1.7371	0.0180608	0.317061	-3.15396		0.636068	0.826421	-1.21004	0.435617	1.37455	1.37455	0.665558	1.18998	1.18998	0.788067	0.897838	-1.11379	1.98715	5.034552	2.25204	1
cg07932358	SHISA4;SHISA4 PDE9A;PDE9A;PDE9A;PDE9A;PD E9A;PDE9A;PDE9A;PDE9A;PDE9A	0.173215	0.31984	0.737253	-1.35639	0.236796	0.692427	-1.44419	0.473305	1.24144	1.24144	0.370851	1.31322	1.31322	0.0137283	0.461199	-2.16826		0.360076	1.41006	1.41086	0.181086	1.52356	1.52356	0.583402	1.28846	1.28846	0.616552	0.860096	-1.16349	1.98714	2.76731	1.23788	1
cg04282594	ALPDE9A;PDE9A;PDE9A;PDE	0.173216	0.170329	0.574922	-1.73936	0.0591416	2.24267	2.24267	0.809011	1.09613	1.09613	0.0250352	0.364021	-2.7471	0.292076	0.660767	-1.51339		0.641919	1.19424	1.19424	0.87303	1.0625	1.0625	0.75823	0.889559	-1.12415	0.83282	1.08342	1.08342	1.98714	4.52182	2.02271	1
cg03850134	EEF1G	0.173216	0.0996566	3.72538	3.72538	0.609248	1.44903	1.44903	0.1900	1.31201	1.31201	0.0855009	0.40397	2.40397	0.158957	2.98288	2.98288		0.467066	1.70426	1.70426	0.092512	0.2592736	-3.8569	0.205323	0.379828	-2.63277	0.552544	0.648896	-1.54108	2.08044	16.6518	6.22529	1
cg03335216	ERFI1	0.173218	0.2658851	1.790481	-1.28503	0.3647975	1.20937	1.20937	0.6039993	1.108551	1.108551	0.1892486	1.04964	1.04964	0.0004466	1.312919	1.907945		0.640451	1.000101	-1.00011	0.5710399	0.9374489	-1.06668	0.719461	1.07003	1.07003	0.0133475	1.86189	1.86189	1.98713	1.29443	0.578886	1
cg24493940	MMP17	0.173222	0.031708	0.70561	-1.41721	0.43221	1.11738	1.11738	0.344734	0.8719291	-1.14426	0.303949	0.8629227	-1.15885	0.348794	0.874975	-1.14289		0.8147060	0.968015	-1.03304	0.115445	1.2674	1.2674	0.8839024	0.7673526	-1.30323	0.9350441	0.9887776	-1.01135	1.98711	0.6034	0.2699119	1
cg04208192	NTR3;NTR3;HTR3D;HTR3D	0.173227	0.840728	1.16201	1.16201	0.4040311	0.701355	-1.83585	0.0732922	0.225204	-4.44042	0.401293	0.526733	-1.8985	0.0439826	0.377543	-2.65245		0.181136	0.346647	-2.88478	0.186082	0.351292	-2.84661	0.0634466	0.218233	-4.58225	0.4122	0.549823	-1.81877	1.98707	17.5247	7.8394	1
cg25560772	RPRML	0.173229	0.72	1.12413	1.12413	0.6903578	0.877033	-1.14021	0.4417221	1.30397	1.30397	0.342747	1.36741	1.36741	0.476073	0.7929558	-1.2611		0.7899565	0.918087	-1.08922	0.506849	1.24059	1.24059	0.2145109	2.50022	2.50022	0.0845565	0.542439	-1.84383	1.98706	3.2253	1.4428	1
cg18481087	PPM1L;PPM1L	0.173229	0.848528	1.01313	1.01313	0.109731	0.887862	-1.1263	0.886332	0.99029	-1.0098	0.257189	0.922502	-1.08401	0.198603	0.9114492	-1.0971		0.55217	1.04188	1.04188	0.0580598	0.8640343	-1.15735	0.330412	0.933784	-1.07091	0.0706956	1.14772	1.14772	1.98706	0.1464442	0.0655091	1
cg15573664	TEAD1	0.173232	0.989267	0.994604	-1.00546	0.9506027	1.02523	1.02523	0.149049	0.536663	-1.86337	0.229426	0.602146	-1.66073	0.0836643	0.492994	-2.03046		0.112545	0.493144	-2.02834	0.885107	0.9997247	-1.0073	0.1193881	1.89613	1.89613	0.0564395	0.419483	-2.38389	1.98705	5.09138	2.27259	1
cg03366251	SLC9A3R2;SLC9A3R2	0.173237	0.856026	0.95102	-1.05515	0.894637	0.964023	-1.03732	0.422541	1.25424	1.25424	0.176184	0.673274	-1.48528	0.118387	0.625761	-1.59805		0.222512	1.42544	1.42544	0.405404	0.790268	-1.26539	0.0266795	2.06714	2.06714	0.046692	0.880296	-1.13598	1.98702	2.40621	1.07641	1
cg20475948	AIHGEF12	0.173244	0.0682601	1.709483	1.709483	0.177578	0.785931	-1.27238	0.2553797	0.663792	-1.83757	0.2957	0.8833352	-1.13997	0.2937859	0.7998666	-1.25021		0.39531	0.85485	-1.15574	0.4097147	0.7638051	-1.30047	0.7976571	0.95773	-1.04414	0.98698	0.9845425	0.9978991	1.98701	0.9842	0.4439	1
cg20703526	AGER;AGER	0.173247	0.799252	0.960935	-1.04065	0.58854	1.08915	1.08915	0.758032	0.95283	-1.04951	0.895821	1.0207	1.0207	0.377243	1.1522	1.1522		0.0207172	0.64694	-1.54574	0.0370188	1.46037	1.46037	0.756784	0.952583	-1.04978	0.747726	0.95079	-1.05176	1.98696	0.7694447	0.344221	1
cg03493768	ART3;ART3;ART3	0.173252	0.827003	1.01265	1.10265	0.0665429	0.841424	0.84124	0.606243	0.792846	-1.26128	0.769495	1.14018	1.14018	0.99443	1.00312	1.00312		0.916657	1.04784	1.04784	0.400329	0.6808091	-1.46866	0.164502	0.91891	-1.09381	0.721381	0.852259	-1.17335	1.98693	6.272114	2.80596	1
cg20003900	MKS1;MKS1	0.173259	0.3208189	0.7904	-1.26531	0.0437476	0.228669	-4.37314	0.0706697	0.266035	-3.75891	0.0944	0.1470408	0.84708	0.0078479	0.217447	4.59883		0.142281	0.33556	-2.81246	0.2483446	0.4553363	-2.20574	0.0950496	0.330451	-3.32833	0.0326069	1.05696	1.05696	0.76899	1.1623	0.504963	1
cg08162758	PKHD1;PKHD1	0.173259	0.1196984	1.72461	1.72461	0.144282	1.65912	1.65912	0.161154	1.61271	1.61271	0.932629	1.03018	1.03018	0.0371202	0.457848	2.18413		0.255619	0.681749	-1.46682	0.813877	1.0791	1.0791	0.66802	0.869992	-1.14944	0.723638	0.891717	-1.12143	1.98689	3.297303	1.46697	1
cg04457051	SCCS;SCCS	0.173261	0.5644	0.8124401	-1.23059	0.3908488	0.697731	-1.43242	0.1667152	0.69158	-1.44598	0.2151	0.7211	-1.38656	0.0082302	0.2989769	-3.34668		0.7188	1.13762	1.13762	0.5507998	1.124505	-1.24905	0.4697387	0.8963711	-1.11561	0.1618688	1.00133	1.00133	1.98689	1.284959	0.7597	1
cg20858437	KIF13B	0.173262	0.123545	1.30382	1.30382	0.1527874	0.672213	-1.48762	0.69515	1.06464	1.06464	0.2772381	1.19925	1.19925	0.0296326	1.796329	-1.96547		0.775375	1.04655	1.04655	0.0536804	0.4916087	1.44687	0.804462	1.04024	1.04024	0.850016	0.970342	-1.03056	1.98687	0.7959928	0.3560383	1
cg14283328	RHOD	0.173263	0.386763	1.52273	1.52273	0.2288144	3.39357	3.39357	0.6694684	0.381955	-2.61811	0.649425	0.805007	-1.24223	0.179681	1.9649	1.9649		0.571688	1.31113	1.31113	0.388524	1.52024	1.52024	0.213238	1.86129	1.86129	0.572158	1.31068	1.31068	1.98687	7.0691	3.16259	1
cg27124370	WDR68	0.173263	0.604812	1.17546	1.17546	0.4911	1.78181	1.78181	0.0178305	1.68605	1.68605	0.0001	1.70833	1.70833	0.0011765	1.73719	1.73719		0.304933	1.71966	1.71966	0.0011047	2.68321	2.68321	0.0117791	1.96258	1.96258	0.0017594	1.41814	1.41814	1.98686	3.015798	1.35002	1
cg21131239	ABCB7	0.173266	0.0902691	0.263137	-3.8003	0.2884	0.405283	-2.46741	0.289614	0.455626	-2.19478	0.546931	0.646648	-1.54644	0.0988583	0.274127	-3.64794		0.0203472	0.13534	-7.38877	0.0645949	0.226523	-4.41456	0.10231	0.278407	-3.59187	0.20947	0.388283	-2.57544	1.98685	16.0945	7.20047	1
cg20611683	LIMBTL1;LIMBTL1;LIMBTL;LIMBTL	0.173266	0.953254	1.01203	1.01203	0.7775728	0.935581	-1.06911	0.7813788	0.938887	-1.06513	0.7813	0.938887	-1.06513	0.7813	0.467613	-2.13837		0.178793	0.33188	-3.01264	0.1317	0.2984	-3.35046	0.1317	0.2984	-3.35046	0.1317	0.2984	-3.35046	1.98685	0.6628	0.3885	1
cg21.3668808	URB1	0.173267	0.0869187	0.23616	-4.23442	0.291924	0.439966	-2.30433	0.0080377	0.074847	-13.3606	0.150281	0.308144	-3.24523	0.2099	0.3646668	-2.74222		0.717462	0.757741	-1.31971	0.286996	0.429981	-2.32569	0.973423	0.02576	1.02576	0.68582	0.733103	-1.36406	1.98684	18.3386	8.20446	1
cg08156809	GTF2I;GTF2I;GTF2I;GTF2I;GTF2I	0.173268	0.0562651	0.700953	-1.42683	0.29261	0.835562	-1.19666	0.1313336	0.765022	-1.30715	0.918715	1.01691	1.01691	0.217785	0.808006	-1.23761		0.209397	1.24302	1.24302	0.256695	0.823114	-1.2149	0.163575	1.27695	1.27695	0.549258	1.10477	1.10477	1.98684	0.8507784	0.380631	1
cg09654994	DTHD1;DTHD1	0.173272	0.449376	1.09483	1.09483	0.1102	0.992702	-1.5065	0.9991353	1.013735	1.013735	0.576775	-1.79396	0.994195	0.9978085	1.0002	-1.0002		0.680698	1.885208	1.885208	0.1296	0.6152307	0.858761	-1.16553	0.5655313	0.832646	1.32246	1.32246	0.98682	2.27342	1.22496	0.5491	1
cg01295600	PSMB8;PSMB8;PSMB8	0.173274	0.0160822	0.656836	-1.52245	0.737317	0.953102	-1.04921	0.697359	1.05735	1.05735	0.836524	0.970949	-1.02992	0.883838	0.979355	-1.02108		0.0246182	0.682556	-1.46508	0.811976	0.966560	-1.03459	0.599276	1.07859	1.07859	0.707825	1.055119	1.055119	1.9868	0.6406659	0.286628	1
cg03183227	PMP22;PMP22;PMP22	0.173277	0.811457	1.07945	1.07945	0.7153	0.909388	1.03938	0.2513693	0.737142	-1.35699	0.489704	0.821802	-1.21802	0.0838355	0.7325	-1.36501		0.758152	1.10742	1.10742	0.488974	0.9611	1.03132	0.8107	0.9611	1.03132	0.8107	0.9611	1.03132	0.8107	1.98683	0.8014	1
cg20476058	UMS2	0.173281	0.84037	1.09543	1.09543	0.1149422	1.86719	1.86719	0.310337	1.6071	1.6071	0.195414	1.85682	1.85682	0.232577	1.567933	-1.76077		0.254043	1.73108	1.73108	0.149447	2.01082	2.01082	0.835542	0.910329	-1.0985	0.270768	1.67901	1.67901	1.98677	3.42705	2.87549	1
cg21881074	NAP1L4	0.173285	0.630625	1.18537	1.18537	0.602649	0.83161	-1.20249	0.295036	1.46648	1.46648	0.0133037	0.328569	-3.0435	0.48887	1.2803	1.2803		0.417848	0.747352	-1.33806	0.181008	1.65291	1.65291	0.610798	1.19743	1.19743	0.65135	1.1731	1.1731	1.98676	3.96393	1.48223	1
cg12591117	OTUD5;OTUD5;OTUD5;OTUD5;OTUD5	0.173286	0.159379	0.449527	-2.22456	0.0854065	0.36336	-2.74849	0.53128	0.713409	-1.40235	0.0414562	0.349123	0.349123	0.0445247	0.963705	-1.03766		0.0745234	0.347711	-2.87596	0.716094	0.8285725	1.12381	0.825773	1.03882	1.03882	0.934384	1.04538	1.04538	1.98673	0.8945	3.97902	1
cg07108846	B3GNTL1	0.173287	0.922315	0.953532	-1.04896	0.8488684	-1.12754	1.154955	0.3960795	0.774502	-1.29105	0.7945	0.914116	1.559403	1.43552	1.23552	-1.23552		0.0057115	1.06097	1.06097	0.382004	1.56565	1.56565	0.491042	1.4193	1.4193	0.017335	1.45348	1.45348	1.9867	0.8048	3.00771	1
cg18593073	PIWIL3	0.173288	0.69326	1.07063	1.07063	0.0107738	0.576058	-1.73594	0.118685	0.747066	-1.33857	0.432674	0.871224	-1.14781	0.231701	0.805765	-1.24106		0.70877	1.06673	1.06673	0.319907	1.19358	1.19358	0.847412	0.967378	-1.03372	0.574111	0.906863	-1.1027	1.98672	0.9326556	0.417283	1
cg14327901	PHF8	0.173288	0.620462	1.08725	1.08725	0.407334	1.15262	1.15262	0.1918	1.14345	1.14345	0.31765	0.841053	-1.18899	0.0124662	1.68374	1.68374		0.864693	1.02899	1.02899	0.8148	1.1297	1.1297	0.347473	0.923999	-1.08262	0.2139	1.32556	1.32556	0.494828	1.0297	1.0297	0.682616	0.895352	1
cg20730966	GLB1;GLB1;GLB1	0.173289	0.274215	0.604036	-1.65313	0.183183	0.49726	-2.03102	0.0304634	0.343561	-2.91107	0.832538	1.04708	1.04708	0.0961221	1.096261	1.115388		0.2828525	0.61232	-1.62376	0.302068	0.5900114	1.58404	0.704574	0.8745	0.8745	0.729161	1.37344	1.37344	1.98672	1.929195	0.764957	1
cg19633591	TAC4;TAC4;TAC4;TAC4;TAC4	0.173289	0.425925	0.886212	-1.1284	0.0461651	1.40418	1.40418	0.738905	1.05096	1.05096	0.659367	1.06052	1.06052	0.35177	1.15302	1.15302		0.984777	0.997169	-1.00284	0.281771	0.846875	-1.18081	0.230417	0.82949	-1.20556	0.0441143	0.709181	-1.41008	1.98672	0.6946644	0.310795	1
cg21154823	FAM160B2	0.173293	0.770228	1.04497	1.04497	0.6402	0.895391	-1.0518	0.6626565	1.06805	1.06805	0.176496	1.24723	1.24723	0.0154487	1.912211	-1.09627		0.479901	1.759046	1.759046	0.0173243	2.504472	2.504472	0.0115067	1.94195	1.94195	0.0084867	1.623717	1.623717	1.98671	1.603847	0.8439157	1.03087	1.03087	1.9867	0.3760705	0.156701	1
cg23443943	TECTA	0.173294	0.70054	0.923702	-1.0826	0.1645504	0.547705	-1.8258	0.8982851	1.02662	1.02662	0.8187981	1.03101	1.03101	0.607605	1.11224	1.11224		0.240003	1.28746	1.28746	0.061536	1.54117	1.54117	0.798947	0.948931	-1.05382	0.757163	1.06577	1.06577	1.98669	1.32716	0.593799	1
cg21233795	SPATA13;SPATA13 CHRM2;CHRM2;CHRM2;CHRM2;CHRM	0.173299	0.371347	1.35293	1.35293	0.216799	0.651832	-1.53414	0.378592	0.742683	-1.34647	0.517334	0.805595	-1.24132	0.00900204	0.334989	-2.98517		0.353793	0.730399	-1.36913	0.218736	0.653125	-1.5311	0.510752	1.24568	1.24568	0.555368	0.821655	-1.21706	1.98666	3.41221	1.52672	1
cg11788586	2;CHRM2;CHRM2;CHRM2	0.173299	0.520859	0.843532	-1.18549	0.941839	1.01926	1.01926	0.719859	0.910131	-1.09874	0.25998	0.738482	-1.35965	0.297887	0.754158	-1.32598		0.0113969	0.4688	-2.28896	0.460968	1.21683	1.21683	0.493894	1.1992	1.1992	0.0899637	0.613443	-1.63014	1.98666	2.1511	0.962462	1
cg02099551	TSTD2;NCBP1	0.173301	0.50155	1.16587	1.16587	0.3116	0.886884	-1.12754	0.5641955	1.14204	1.14204	0.162056	1.62106	1.62106	0.0304636	2.08212	2.08212	0.0918236	1.47439	2.14569	0.982803	1.06092	-1.00352	0.407735	0.871217	-1.14782	0.915758	0.802202	1.88962	-1.12744	1.98666	0.6018914	0.373117	1
cg15982308	RNF5P1;RNF5;AGPAT1;AGPAT1	0.173303	0.438654	0.852638	-1.17283	0.542851	0.883109	-1.13236	0.909177	0.0233	0.0233	0.6217	1.10559	1.10559	0.491315	1.15151	1.15151		0.696845	1.08222	1.08222	0.00514313	0.4749366	-2.10808	0.849589	1.03906	1.03906	0.860879	1.03604	1.03604	1.98664	1.28148	0.57338	1
cg04124740	PIKCA	0.173305	0.0559983	0.152663	-6.55931	0.155848	0.282774	-3.73497	0.188627	0.2674	-3.73497	0.188627	0.2674	-2.15997	0.485456	0.540561	-1.84993	0.0178606	0.0822027	-12.1651		0.713987	0.72654	-1.37639	0.0706148	0.180228	-5.54854	0.0792478	0.35349	0.120489	0.326656	0.105852	1.98663	15.6978	10.0012	1
cg18702998	ANKRD33B	0.173306	0.0761301	0.326941	-3.05865	0.867334	0.909636	-1.09934	0.867406	0.909683	-1.09928	0.36972	0.593421	-1.68515	0.0722909	0.321014	3.11513		0.217281	0.479334	-2.08623	0.0124222	0.171602	-5.82745	0.981697	0.987088	-1.01308	0.236635	0.495373	2.01868	1.98662	10.0973	4.51789	1
cg15062225	HAUS1;HAUS1	0.173315	0.0555625	0.297798	-3.35798	0.17257	0.487386	-2.05176	0.103799	0.4145158	-2.41244	0.86287	0.917972	-1.08936	0.0601571	0.350059	-2.85666		0.1294975	0.444416	-2.25014	0.172057	0.4869514	-2.05375	0.43595	1.48209	1.48209	0.360946	0.628167	-1.59193	1.98657	7.71156	3.45053	1
cg26544134	TMEM263	0.173319	0.1515541	0.442814	-2.25799	0.0744297	0.1215	-3.44712	0.0277	0.0130357	0.1215	-3.44712	0.0277	0.0130357	-3.243	0.4460981	-2.24207		0.0288566	0.464542	-2.15304	0.0735063	0.1784411	-5.60424	0.0735063	0.1784411	-5.60424	0.0735063	0.1784411	-5.60424	1.98657	0.7258841	-1.37771	0.5865	0.9550151	1
cg14741870	TRIM26	0.173319	0.138834	2.15745	2.15745	0.494785	1.39735	1.39735	0.58802	0.765669	-1.30605	0.12873	2.20861	2.20861	0.108288	2.36309	2.36309		0.724712	1.843122	-1.18607	0.113874	2.29361	2.29361	0.0313196	3.38395	3.38395	0.118724	2.26441	2.26441	1.98655	7.32806	3.72807	1
cg19614627	RBPMS;RBPMS;RBPMS;RBPMS	0.173321	0.0304123	0.128044	-7.81084	0.0494	0.109777	0.138692	0.0178	0.085653	-1.1675	0.328148	1.10304	1.10304	0.692349	1.0394	1.0394		0.4138047	0.162007	-6.17284	0.0178	0.1642	1.61464	0.556479	0.898857	-1.11288	0.0433233	0.1215855	1.98655	1.98655	1.98655

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg14663534	DDA1	0.17353	0.504896	1.7852	1.17862	1.12677	1.4937	1.4937	0.19895	1.39064	1.39064	0.552279	1.15729	1.15729	0.291742	0.766614	1.30444	0.70769	0.912551	-1.09583	0.8122736	1.83881	1.83881	0.1200404	0.664143	-1.5057	0.688049	1.10302	1.98535	1.85587	0.83002	1
cg19802133	PPP1R13L;PPP1R13L	0.17351	0.60784	0.92111	-1.08565	0.1846661	0.547741	-1.82568	0.501284	1.15461	1.15461	0.460079	0.836082	-1.19606	0.0810559	0.665364	1.50294	0.647816	1.10172	1.10172	0.186523	1.34306	1.34306	0.635284	0.90426	-1.10588	0.688336	1.08864	1.98534	1.33933	1.39498	0.624573	1
cg01463154	RHLH22	0.17358	0.163571	0.391617	-2.55352	0.0347532	0.211871	-4.71985	0.0371164	0.2174411	-4.59958	0.626202	0.733812	-1.36275	0.0549633	0.253549	-3.94401	0.574345	0.699199	-1.43021	0.103938	0.3259944	-3.06802	0.9979938	1.00163	1.00163	0.3102203	0.5157773	-1.93884	1.9853	12.5003	5.59682	1
cg05116443	DNAJC5	0.17338	0.7809863	1.15267	1.15267	0.6110056	1.313065	1.313065	0.7724714	0.8285937	-1.20695	0.7812193	0.8623937	-1.15964	0.0544863	0.142904	-6.99331	0.398643	0.631356	-1.58389	0.3359328	0.5898844	-1.69525	0.4907712	1.4512	1.4512	0.4313179	0.6534611	-1.51301	1.9853	8.898021	3.98396	1
cg22568673	MORN3;MORN3	0.17354?	0.633351	0.893729	-1.11891	0.6457737	1.62479	1.62479	0.584722	1.13772	1.13772	0.785277	0.938140	-1.06593	0.0476589	0.588901	-1.69808	0.440986	0.832183	-1.20166	0.0797063	1.57566	1.57566	0.886415	1.03998	1.03998	0.434072	0.8290768	-1.20516	1.98524	1.71855	0.769475	1
cg25722073	DNM3;DNM3	0.17348	0.157253	0.5394	-1.85391	0.0503159	0.40229	-2.48577	0.0849203	0.4595443	-2.17607	0.1564088	0.538827	-1.85657	0.0504475	0.402557	-2.48412	0.143368	0.526356	-1.89986	0.788953	1.13171	1.13171	0.627136	1.22114	1.22114	0.268306	0.6246471	-1.6009	1.98524	5.23703	2.34487	1
cg00355286	MMP2;MMP2	0.17352	0.605076	0.753853	-1.32652	0.6160658	0.757204	-1.32065	0.118179	0.39896	-2.50652	0.667513	0.791301	-1.26374	0.0055735	0.139152	-7.18639	0.234191	0.508906	-1.965	0.772343	0.8545951	-1.17015	0.9682119	1.02181	1.02181	0.2086515	0.4877324	-2.05031	1.98522	9.22464	4.13036	1
cg10020333	S1PR1	0.17357	0.843484	1.2323	1.2323	0.5883514	0.970701	0.970701	0.120947	0.786058	0.786058	0.278079	0.662931	3.662931	0.0894421	1.163614	1.19314	0.796554	0.974259	1.34581	0.0062859	45.2242	45.2242	0.440648	2.44799	2.44799	0.6082373	1.801039	1.80109	1.98519	40.7299	18.2372	1
cg18005217	INPP5A	0.17357	0.785942	1.10684	1.10684	0.110418	1.913149	1.913149	0.414255	0.732553	-1.36509	0.13579	0.82112	-1.82164	0.156444	0.568219	-1.97989	0.547984	1.25446	1.25446	0.0552777	2.2484	2.2484	0.393087	1.38575	1.38575	0.109794	1.915184	1.91519	1.98514	4.37203	1.95762	1
cg25323700	PARS2;PARS2	0.17356	0.242437	0.742346	-1.34708	0.956672	0.986855	-1.01332	0.423111	1.2205	1.2205	0.287731	0.764281	-1.30842	0.0626956	0.600435	-1.66546	0.0277028	0.530549	-1.88484	0.616396	0.8842253	-1.1309	0.82568	1.05519	1.05519	0.2075811	1.38215	1.38215	1.98517	1.86488	0.835026	1
cg23796040	EFR3A	0.17363	0.4934021	1.23986	1.23986	0.2210665	0.210663	-1.6117	0.1220902	0.7431231	1.34568	0.782921	1.104754	1.104754	0.0727852	0.9278655	1.07774	0.804764	1.040525	-1.0565	0.8812048	1.40694	1.40694	0.3407357	0.8609241	-1.0389	0.7456	1.02852	1.98516	0.9795678	0.438666	1
cg16108684	DCAF12L2	0.17362	0.376675	0.32166	-3.10966	0.695511	0.889988	0.784171	-1.27523	0.933937	0.901534	-1.10922	0.183237	0.584497	0.846978	3.35714	3.35714	0.314644	0.272503	-3.66968	0.549946	0.469398	-2.1039	0.0110362	0.53861	0.53861	0.626968	0.759813	-1.31611	1.98516	49.1504	22.0079	1
cg16729415	GJD2	0.17354	0.131786	2.54514	2.16514	0.195949	0.613376	1.6298	0.504312	0.724676	-1.37955	0.156049	0.484651	-2.05571	0.0168074	0.250207	-3.99669	0.488114	1.9372	1.9372	0.797199	1.19613	1.19613	0.787866	1.13663	1.13663	0.903854	0.944289	-1.059	1.98515	7.08952	3.17447	1
cg25368586	ZNF71	0.17364	0.204313	0.467205	-2.14039	0.100893	0.360339	-2.77517	0.75595	0.837684	-1.19377	0.748978	0.832383	-1.20007	0.0123555	0.170415	-5.86802	0.229223	0.488734	-2.0461	0.0703009	0.3168391	-3.15618	0.767836	1.18356	1.18356	0.3468889	0.5768	-1.7337	1.98515	10.1467	4.5434	1
cg19971939	FBF1	0.17358	0.364246	0.68721	-1.64279	0.919592	1.055023	1.055023	0.162591	0.390948	-2.55789	0.0416675	0.286435	-3.49119	0.0188301	0.219815	-4.54928	0.37771	0.617613	-1.61914	0.172401	0.4615544	-2.16654	0.222127	0.707994	-1.41244	0.123441	0.411308	-2.43127	1.98513	8.91201	3.99057	1
cg12091503	FBXO15;C18orf55;FBXO15	0.17359	0.306764	0.808568	-1.23951	0.5706257	1.51927	1.51927	0.0733502	1.102652	1.10262	0.1123154	0.704104	1.704104	0.0130882	1.97087	1.0224	0.119377	0.70967	-1.40911	0.0780691	0.6272817	-1.48629	0.774554	0.943189	-1.06001	0.618846	1.10771	1.10713	1.98512	1.29469	0.579731	1
cg08998593	EXOC2	0.17369	0.118361	5.04654	5.04654	0.411216	2.23052	2.23052	0.188499	3.78195	3.78195	0.183334	3.84909	3.84909	0.103167	5.48453	5.48453	0.487952	1.95958	1.95958	0.0151852	17.2416	17.2416	0.0635501	7.32726	7.32726	0.172645	3.99757	3.99757	1.98512	28.6571	12.832	1
cg17778441	ZNF570;ZNF570	0.17372	0.966779	0.99272	-1.00733	0.8984267	1.99593	1.99593	0.5082811	1.12496	1.12496	0.824905	1.046068	1.046068	0.5449669	0.898089	-1.11346	0.462471	1.14021	1.14021	0.090108	0.63926	-1.56431	0.996401	0.858684	-1.16457	0.118753	1.34591	1.34591	1.9851	0.967582	0.431264	1
cg02789526	A2BP1;LRP1;A2BP1	0.17372	0.395421	0.630425	-1.58666	0.8749305	1.072551	1.072551	0.263159	0.538822	-1.8559	0.544128	0.9485	1.38465	0.196357	4.684727	-2.06302	0.325457	1.71286	1.71286	0.0314856	0.275567	-3.62752	0.661449	0.791689	-1.26312	0.0317394	0.263274	-3.79832	1.9851	8.83429	3.95582	1
cg00417742	C7orf60	0.17373	0.13614	0.66814	-1.49569	0.05256613	0.574954	-1.73927	0.0937706	0.629537	-1.58847	0.733454	0.88963	1.08963	0.733438	1.08963	1.08963	0.095963	0.631841	-1.58268	0.293664	0.760687	-1.3146	0.323984	0.774303	-1.29148	0.217111	1.38555	1.38555	1.9851	1.98251	0.887732	1
cg17592461	HLA-H	0.17373	0.373572	1.11924	1.11924	0.2359229	0.210463	-1.6117	0.1220902	0.7431231	1.33384	0.781952	1.131881	1.131881	0.0201324	0.93705	-1.06718	0.23867	0.858812	-1.1648	0.152459	0.8277497	-1.20851	0.940594	0.90085	-1.00923	0.0656345	0.77507	-1.29021	1.9851	0.4782225	0.21414	1
cg12635463	PACRG;PACRG;PACRG	0.17376	0.671586	1.08793	1.08793	0.16829	0.74834	-1.33629	0.342978	0.824188	-1.21298	0.455866	0.16194	-1.96194	0.139134	0.990461	-1.00963	0.416014	1.17856	1.17856	0.0317163	1.82629	1.82629	0.370274	1.19941	1.19941	0.216865	2.9278	1.29278	1.98508	1.22794	0.549854	1
cg20393019	MAP1LC3A;MAP1LC3A	0.17379	0.316601	0.585899	-1.70678	0.1035529	0.207799	0.544443	0.0425285	0.586337	1.70637	0.0882289	0.592347	1.68853	0.0208531	0.608531	-1.6433	0.480605	1.14805	1.14805	0.1488354	0.6268154	-1.64378	0.515289	1.29906	1.29906	0.436718	0.563856	-1.77403	1.98515	0.506325	0.25606	1
cg06949439	RASSF5;RASSF5;RASSF5	0.17382	0.0902556	0.491053	-2.03644	0.236513	0.623435	-1.60402	0.507927	0.774235	-1.2916	0.828211	0.920549	-1.08631	0.0582046	0.442414	2.26032	0.378106	0.70857	-1.41129	0.0114641	0.299672	-3.33698	0.415823	0.728456	-1.37277	0.165766	0.569448	-1.75609	1.98504	4.5626	2.0431	1
cg26705583	SGTB;NLN	0.17388	0.103517	0.845134	-1.18831	0.847168	0.981477	-1.01887	0.685473	0.961314	-1.04024	0.288577	0.898748	-1.11266	0.278893	1.11526	1.11526	0.717485	0.965404	-1.03584	0.226807	0.76771	-1.3028	0.0468697	0.802146	-1.24666	0.717693	0.96543	-1.03581	1.98501	0.2951183	0.132183	1
cg18589846	TBC1D22A	0.17359	0.354028	0.8557	-1.16855	0.5706257	1.51927	1.51927	0.0733502	1.102652	1.10262	0.1123154	0.704104	1.704104	0.0130882	1.97087	1.0224	0.119377	0.70967	-1.40911	0.0780691	0.6272817	-1.48629	0.774554	0.943189	-1.06001	0.618846	1.10771	1.10713	1.98512	1.29469	0.579731	1
cg01062519	MMP28;MMP28	0.17391	0.356852	0.735946	-1.3588	0.105829	0.771	0.771	0.869628	1.05458	1.05458	0.890266	0.95632	-1.04568	0.643881	0.860181	-1.16255	0.324868	1.38948	1.38948	0.0717874	0.5218356	-1.91624	0.0161052	2.20027	2.20027	0.964126	1.01466	1.01466	1.98499	3.29087	1.47367	1
cg05031559	FAM117A	0.17395	0.7393574	1.12865	1.12865	0.6662287	1.206318	1.206318	0.724631	0.974331	1.03197	0.682159	1.440693	1.440693	0.0705037	1.770509	1.00919	0.492876	1.16228	1.16228	0.1508824	0.7574344	1.31011	0.6583	1.08983	1.08983	0.4609	1.46094	1.46094	1.98498	0.9083624	0.4156459	1
cg25046651	ADHFE1	0.17395	0.308988	1.33897	1.33897	0.0969438	0.428028	1.48028	0.307358	1.34038	1.34038	0.273361	1.37167	1.37167	0.808987	0.9350363	1.06945	0.138279	1.55648	1.55648	0.843602	1.050629	0.47232	1.12467	1.12467	0.0668615	1.7675	1.7675	1.98497	1.41629	1.08204	1
cg04407579	STK24	0.17396	0.320905	0.799646	-1.25024	0.0572726	1.59718	1.59738	0.123883	1.42957	1.42957	0.748357	0.932306	-1.07261	0.333751	0.80484	-1.24248	0.552647	0.87738	-1.13976	0.972006	0.992387	-1.00767	0.0427778	1.66167	1.66167	0.633782	0.9007757	-1.11018	1.98497	1.490888	0.667633	1
cg04136914	ZKDA	0.17397	0.061776	1.24026	1.24026	0.0388334	0.167274	1.45755	0.0732252	1.01632	1.01632	0.951777	1.13384	1.13384	0.306592	1.131881	1.13188	0.193705	1.10161	1.10161	0.6001324	0.93705	-1.06719	0.958812	1.1664	1.1664	0.1525	1.10112	1.10112	1.98496	1.490888	0.667633	1
cg15252948	THAP1;THAP1	0.17401	0.531906	1.14633	1.14633	0.132373	1.41941	1.41941	0.447481	1.18173	1.18173	0.616064	1.115121	1.115121	0.259677	0.776003	1.28866	0.739566	1.07461	1.07461	0.0288128	0.573486	-1.74372	0.886376	0.970233	-1.03068	0.100996	1.47311	1.47311	1.98494	1.46236	0.654869	1
cg07184627	MBP;MBP	0.17403	0.564288	0.87417	-1.14379	0.3108529	0.207799	0.544443	0.0425285	0.586337	1.70637	0.0882289	0.592347	1.68853	0.0208531	0.608531	-1.6433	0.480605	1.14805	1.14805	0.1488354	0.6268154	-1.64378	0.515289	1.29906	1.29906	0.436718	0.563856	-1.77403	1.98515	0.506325	0.25606	1
cg03102087	FGFR1OP;FGFR1OP	0.17403	0.398857	0.887841	-1.12633	0.36027	0.13831	1.13831	0.343545	1.14384	1.14384	0.829975	1.30261	1.30261	0.181244	1.2159	1.2159	0.853503	1.02579	1.02579	0.0359148	0.7145515	-1.39955	0.560445	0.92212	-1.08446	0.377845	1.13272	1.13272	1.98493	0.59635	0.267057	1
cg24691461	C20orf160	0.17407	0.0755354	0.316221	-3.16234	0.539828	0.696837	-1.41506	0.836868	1.12748	1.12748	0.667515	0.777644	-1.28594	0.103037	0.354209	-2.8232	0.243285	0.491587	-2.03506	0.013834	0.170279	-5.87272	0.099618	0.346203	-2.88848	0.699151	0.797722	-1.25357	1.9849	10.6463	4.76767	1
cg02855633	ADAMTS1	0.17408	0.942005	1.04202	1.04202	0.8204355	1.47525	1.47525	0.0970782	1.0004	1.0004	0.5047	0.904354	-1.10615	0.0853222	0.7959	1.25628	0.219384	1.14555	1.14555	0.3618453	0.2459551	4.06455	0.0433251	0.959167	-1.04257	0.617387	1.64821	1.64821	1.98775	0.857048	0.370336	1
cg15265085	TNXB SMARCA4;SMARCA4;SMARCA4;SMARC	0.17408	0.0102085	0.133648	-7.48232	0.350451	0.550347	-1.81704	0.256747	0.479235	-2.08666	0.870671	1.10655	1.10655	0.291692	0.5066846	-1.97361	0.104384	0.331827	-3.01362	0.152147	0.3854824	-2.59411	0.113775	0.343283	-2.91305	0.8096474	0.860762	-1.16176	1.9849	12.139	5.43615	1
cg15635503	A4;SMARCA4;SMARCA4;SMARCA4	0.17368	0.73537	0.929861	-1.07543	0.946525	1.01448	1.01448	0.0156592	1.88721	1.88721	0.838273	1.04478	1.04478	0.309358	1.25297	1.25297	0.0500379	0.610394	-1.64448	0.619104	1.11341	1.11341	0.959484	1.01095	1.01095	0.6352	1.10788	1.10788	1.9849	1.44454	0.646904	1
cg06390077	KIAA1147	0.17361	0.901367	1.08174	1.08174	0.0196313	5.96889	5.96889	0.0655118	3.70621	3.70621	0.0976201	3.16397	3.16397	0.872033	1.10756	1.10756	0.701395	1.27655	1.27655	0.160679	2.58476	2.58476	0.174922	2.49512	2.49512	0.101973	3.10925	3.10925	1.9849	12.6252	5.65393	1
cg20775112	MSL3;MSL3;MSL3	0.17362	0.0259716	0.459716	-2.17455	0.0284673	0.526	0.526	0.0511886	0.5511	0.5511	0.0511886	0.53566	-1.53566	0.0188807	0.4555	-2.19561	0.103425	0.706136	1.70525	?	?	?	?	?	?	?	?	?	1.9849	0.5	0.25	1
cg25908434	11	0.17361?	0.0758144	0.226113	-4.42256	0.260992	0.184025	-2.3913	0.579256	0.654139	-1.52407	0.423676	0.540761	-1.84925	0.0224648	0.127852	7.82156	0.0337567	0.154857	-6.45759	0.0823039	0.23502	-4.25495	0.434544	0.548877	-1.8219	0.379551	0.507526	-1.97034	1.98488	17.794	7.96872	1
cg03734501	RASA3	0.17361?	0.180146	1.46952	1.46952	0.328978	0.761499	-1.3132	0.0895472	0.60277	-1.65901	0.509016	1.19862	1.19862	0.108372	0.62271	-1.60588	0.651028	1.13105	1.13105	0.0455053	0.537802	-1.85942	0.593605	1.15681	1.15681	0.862615	1.04796	1.04796	1.98485	2.29912	1.02963	1
cg18465438	SLC23A1;SLC23A1;SLC23A1	0.17367	0.303541	0.788328	-1.2722	0.2046093	0.227357	-1.70537	0.0853355	0.487483	-2.05133	0.1924	1.19245	1.19245	0.869941	1.05137	1.05137	0.194926	1.11482	1.11482	0.6650932	0.8706137	1.14844	0.7229	1.03567	1.03567	0.7906	1.10412	1.10412	1.98485	1.60949	0.718524	1
cg04504518	MRPS26	0.17367	0.580291	0.931691	-1.07332	0.1839	1.19661	1.19661	0.073883	1.28707	1.28707	0.493924	1.09199	1.09199	0.314929	0.876493	-1.14091	0.048645	1.33017	1.33017	0.156681	0.8253881	-1.21156	0.374114	1.22552	1.22552	0.615385	1.06627	1.06627	1.98484	1.50447	0.229319	1
cg06229167	CCDC85B;CCDC85B	0.17368	0.705756	0.959167	-1.04257	0.266479	0.880551	-1.13571	0.723948	1.03975	1.03975	0.0191915	0.7324	-1.36537	0.938428	0.991545	-1.00853	0.706896	0.959331	-1.04239	0.0445651	0.776071	-1.28854	0.0912445	0.815104	-1.22684	0.632707	1.05435	1.05435	1.98484	0.379754	0.170069	1
cg25847631	C10orf126	0.17369	0.190308	1.37238	1.37238	0.0778336	0.954617	-1.04735	0.0854683	0.543	-1.84093	0.0975483	0.753722	-1.32683	0.0215138	0.585652	-1.70742	0.036594	1.54007	1.54007	0.0209837	2.008766	-4.79006	0.0154443	0.942093	-1.06147	0.3684	1.09172	1.09172	1.98484	0.44409	-1.4507	1
cg04822495	PLXNC1	0.17369	0.604457	0.795345	-1.25732	0.447162	0.45811	-1.45811	0.122971	0.443323	-2.25569	0.84525	0.909261	-1.09979	0.0138915	0.227746	4.39085	0.934655	1.04072	1.04072	0.860449	1.08336	1.08336	0.246027	1.80502	1.80502	0.200382	1.517677	-1.93171	1.98483	7.44877	3.33586	1
cg16005231	FAM157A	0.17362?	0.081577	1.340804	-2.53427	0.0494516	0.363198	-2.76703	0.0181481	0.201932	-4.95214	0.355201	0.588389	-1.69956	0.0129665	0.403131	-2.48171	0.380261	0.605378	-1.65158	0.340336	0.57812	-1.73974	0.400802	1.566	1.566	0.439582	0.638499	-1.56617	1.9848	0.775735	0.33785	1
cg25125272	RASSF5;RASSF5;RASSF5	0.17365?	0.26857	0.57611	-1.73611	0.996206	0.998683	1.00132	0.214155	0.760764	-1.31446	0.203498	0.948349	-1.45046	0.00990802	0.110435	-9.05124	0.176514	-1.39346	0.2033

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Probeset ID	UCSC_REFGENE_NAME THK;THK;THK;THK;THK;THK;THK;THK;T	p-value(Test)	Fold-Change(1 vs. 1047)	p-value(1047 vs. N)	Fold-Change(1 vs.1050 T 047 vs. N vs. N)	p-value(1050 T vs. N)	Fold-Change(1 vs.1057 T 057 vs. N vs. N)	p-value(1057 T vs. N)	Fold-Change(1 vs.1117 T 117 vs. N)	p-value(1117 T vs. N)	Fold-Change(1 vs.1127 T 117 vs. N)	p-value(1127 T vs. N)	Fold-Change(1 vs.1127 T 127 vs. N)	p-value(1127 T vs. N)	Fold-Change(1 vs.1217 T 217 vs. N)	p-value(1217 T vs. N)	p-value(3477 T vs. N)	p-value(3477 T vs. N)	Fold-Change(3 vs. 3477 vs. N)	p-value(3537 T vs. N)	Fold-Change(3 vs. 3537 vs. N)	p-value(5377 T vs. N)	Fold-Change(5 vs. 5377 vs. N)	p-value(5633 T vs. N)	Fold-Change(5 vs. 5633 vs. N)	F(Error)	SS(Test)	SS(Error)
cg15150621	NIK	0.173827		0.642061	0.784776	-1.27425	0.0164816	0.219363	-4.55865	0.0068153	0.347324	-2.87916	0.597916	1.31726	1.31726	0.0461725	0.306425	-3.26344	0.869667	0.918493	-1.08874	0.716833	0.828132	-1.20754	0.374149	0.623562	-1.60369	0.55185	0.73224	-1.36567	1.98365	8.42134	3.77367	1
cg01117697	C1QL4	0.173828		0.317954	2.51267	2.51267	0.298596	2.61601	2.61601	0.420811	2.08351	2.08351	0.371851	2.26679	2.26679	0.9189	0.913106	-1.09516		0.179649	3.56821	3.56821	0.0386159	8.48376	8.48376	0.04815	7.50686	7.50686	0.0247115	10.8791	10.8791	1.98364	25.0282	11.2154	1
cg26249100	VPS37B	0.173828		0.319458	1.34199	1.34199	0.176651	1.50739	1.50739	0.69602	1.1888	1.1888	0.0440902	1.96344	1.9634	0.0610434	0.546834	-1.82864		0.925207	0.979518	-1.0272	0.114352	1.63397	1.63397	0.468415	1.23481	1.23481	0.929304	1.02605	1.02605	1.98364	2.56805	1.15077	1
cg17800442	CTF1;CTF1	0.173832		0.812384	1.09886	1.09886	0.585185	1.24558	1.24558	0.853969	0.93159	-1.07343	0.149756	0.540487	-1.85018	0.173157	1.77051	1.77051		0.0106952	3.59048	3.59048	0.741274	0.876333	-1.41812	0.688251	0.85155	-1.17433	0.762422	0.886213	-1.1284	1.98362	4.98705	2.23477	1
cg07204290	RUM;RUM	0.173834		0.304491	0.62973	-1.58798	0.0396576	0.355373	-2.81394	0.162727	0.520506	-1.91184	0.343431	1.52874	1.52874	0.264836	0.602721	-1.65762		0.344204	0.656125	-1.5241	0.602773	1.25651	1.25651	0.25356	2.0573	2.0573	0.529294	1.31937	1.31937	1.98361	9.94154	2.6625	1
cg18057618	UCP3;UCP3	0.173839		0.061603	0.411783	-2.42847	0.235181	0.589327	-1.69685	0.646523	0.823171	-1.21481	0.847912	1.08428	1.08428	0.0260437	0.328551	-3.04367		0.954817	0.976405	-1.02417	0.471984	1.36113	1.36113	0.520678	1.3157	1.3157	0.0907092	0.455931	-2.19332	1.98358	5.57917	2.50016	1
cg05134129	CPNE8	0.173845		0.0995678	0.14108	0.141638	0.276532	5.35211	5.35211	0.0010427	5.73968	5.73968	0.107045	13.6503	13.6503	0.023861	0.479984	-2.08403		0.12272	11.997	11.997	0.009561	0.277716	-3.60055	0.0155264	38.1404	38.1404	0.199119	7.50648	7.50648	1.98355	69.3404	31.0736	1
cg19139210	TASP1	0.173846		0.774418	2.07441	2.07441	0.0542272	1.72578	1.72578	0.960656	0.66751	-1.06751	0.960656	0.66751	-1.06751	0.960656	0.936633	-1.06765		0.102782	1.14431	1.14431	0.0202911	0.497117	-2.0116	0.0602564	1.40236	1.40236	0.612546	1.80064	-1.12277	1.98354	1.95992	0.878302	1
cg14172124	HDAC1	0.173846		0.176825	1.90345	1.90345	0.0388365	0.342172	-2.92251	0.0563806	2.63436	2.63436	0.67974	1.20456	1.20456	0.405907	0.683024	-1.46408		?	?	?	0.90586	1.05447	1.05447	0.803867	0.894435	-1.11802	0.704192	1.18651	1.18651	1.99679	5.65067	2.82988	1
cg14227418	UBAP2 PMEPA1;PMEPA1;PMEPA1;PMEPA1;P	0.173851		0.576903	1.56591	1.56591	0.0495	4.58729	4.58729	0.0134855	4.38585	4.38585	0.0757286	4.88456	4.88456	0.0154026	1.64255		0.862611	1.1487	1.1487	0.815643	1.04534	1.20554	0.337954	7.27861	7.27861	0.0490248	6.04155	6.04155	1.98352	20.1257	9.08321	1
cg08032355	MEPA1	0.173855		0.836379	0.880475	-1.13575	0.449219	0.632097	-1.60747	0.072548	0.291339	-3.43242	0.265698	0.48972	-2.04198	0.141689	0.37809	-2.64487		0.625639	1.35344	1.35344	0.215635	0.448355	-2.23039	0.0120637	0.145615	-6.86743	0.258084	0.483651	-2.06761	1.98349	11.9022	5.3339	1
cg05825521	PPM1H	0.173856		0.0317309	0.573027	-1.74512	0.523027	0.866521	-1.15391	0.169434	0.723457	-1.38225	0.331711	1.24792	1.24792	0.781076	1.06355	1.06355		0.626513	1.11456	1.11456	0.32888	1.24965	1.24965	0.152597	1.4033	1.4033	0.221529	0.752635	-1.32867	1.98348	1.53644	0.688549	1
cg15667299	SH2C2	0.173861		0.218081	0.734978	-1.36059	0.144529	0.689016	-1.45135	0.211794	1.36493	1.36493	0.717987	0.917415	-1.09002	0.315988	1.2794	1.2794		0.0339732	1.80888	1.80888	0.0168768	0.634284	-1.57658	0.0636883	0.671758	-1.48844	0.0155	1.98358	1.37436	0.795182	1
cg04364504	C16orf72;ZNF319	0.173861		0.367063	1.12802	1.12802	0.604008	0.777177	-1.28631	0.211704	0.981668	1.00299	0.974125	1.00299	1.00926	0.486691	1.09623	1.09623		0.340704	0.656125	-1.5241	0.602773	1.25651	1.25651	0.25356	2.0573	2.0573	0.529294	1.31937	1.31937	1.98361	9.94154	2.6625	1
cg11839334	RNASE4;ANG;ANG;RNASE4	0.173861		0.0102712	0.197061	-5.07457	0.0970417	0.400709	-2.49558	0.284608	0.572282	-1.74739	0.340777	0.610827	-1.63713	0.136279	0.446628	-2.239		0.420138	0.661276	-1.51223	0.876521	0.924893	-1.08121	0.362998	0.625346	-1.59912	0.0788863	0.37539	-2.6639	1.98346	7.92044	3.54956	1
cg19466875	ATP5J;ATP5J2;AUTS2	0.173862		0.684855	0.81269	-1.23046	0.240965	1.85033	1.85033	0.597435	1.31115	1.31115	0.999431	0.999637	-1.00156	0.0309963	0.776029	-1.28893		0.247639	1.84843	1.84843	0.10197	1.6625	1.6625	0.0630911	0.345533	-2.89408	0.97504	0.984223	-1.01603	1.98345	8.11675	3.63754	1
cg26953857	MAP2K3	0.173865		0.97895	1.23711	1.23711	0.47979	0.840093	1.16147	1.16147	0.303059	2.45265	2.2145	0.242664	2.24964	0.402322	-2.48557	-1.73992		0.820207	1.84885	1.84885	-1.17806	0.0661225	0.215959	-4.6305	0.10221	0.263741	-3.79159	0.0878316	0.245634	-4.07211	1.98341	17.4434	7.81746	1
cg25483191	TRIM55;TRIM55;TRIM55;TRIM55	0.173873		0.235402	0.410952	-2.43338	0.0201886	0.134886	-7.41367	0.0339147	0.170191	-5.87575	0.581071	0.671281	-1.48969	0.0699025	0.234726	-4.26029		0.284784	0.45179	-2.21342	0.192752	0.373151	-2.67988	0.274924	0.443832	-2.2531	0.819883	0.849512	-1.17715	1.98339	16.0638	7.19924	1
cg19363187	RNASEH2A	0.173873		0.162626	0.613816	-1.62915	0.478644	0.78996	-1.26597	0.263165	0.74283	-1.47283	0.491084	1.25735	1.25735	0.513971	0.805163	-1.24199		0.283793	0.69475	-1.43994	0.283018	1.44855	1.44855	0.0296643	2.31307	2.31307	0.215083	1.47558	1.47558	1.98339	3.36361	1.50925	1
cg09418035	DGKK	0.173878		0.152611	0.315652	-3.16804	0.87019	1.131	1.131	0.618807	0.685556	-1.45867	0.179904	0.72908	0.72908	0.673138	1.37598	1.37598		0.03509	0.157752	-6.34631	0.379959	1.9697	1.9697	0.340486	3.29845	3.29845	0.357824	2.03752	2.03752	1.98336	17.7952	7.97533	1
cg16908215	GIMAP5	0.173882		0.771861	1.1151	1.1151	0.748852	0.829739	-1.20545	0.137735	0.660926	0.46653	-2.14349	0.0322364	0.390712	0.255934	0.515035	0.780849	-1.28066	0.96265	1.0377	1.0377	0.0800541	0.483844	-2.06678	0.0490757	0.430901	-2.32072	0.250077	0.637373	-1.56894	1.98334	4.41079	1.97982	1
cg09460229	ZMAT5;ZMAT5	0.173884		0.0484342	0.226987	-4.40554	0.130208	0.341327	-2.92974	0.673938	1.32088	1.32088	0.338479	1.91339	1.91339	0.0829712	0.282958	3.53409		0.151003	0.363471	-2.75125	0.262755	0.467229	-2.14028	0.13058	0.347138	-2.92622	0.21201	0.421228	-2.37401	1.98333	13.5852	6.08863	1
cg25678150	ATP11A;ATP11A	0.173884		0.232261	0.855982	-1.16825	0.777338	0.965419	-1.03582	0.958277	1.00027	1.00027	0.37391	1.11997	1.11997	0.487385	0.916141	-1.09154		0.136684	1.22021	1.22021	0.0560155	1.30824	1.30824	0.0712383	0.778709	-1.28418	0.380898	0.894432	-1.11803	1.98332	0.484011	0.216925	1
cg00774435	C1XL	0.173888		0.0471568	0.159278	-6.27831	0.810471	0.144548	-7.21448	0.423068	0.515922	-1.93828	0.505502	0.579003	-1.72711	0.0307897	0.128574	-7.78004		0.413987	0.508944	-1.96485	0.0158189	0.19764	-5.05164	0.0704047	0.194835	-5.13254	0.31782	0.443182	-2.3051	1.98331	20.5475	9.20908	1
cg04961955	ABCB4;ABCB4;ABCB4	0.173892		0.557066	0.731745	-1.3666	0.384479	1.5983	1.5983	0.350393	1.65779	1.65779	0.149149	2.25586	2.25586	0.0413205	0.24312	-4.11319		0.669023	0.797592	-1.25377	0.141808	0.435741	-2.29494	0.298699	0.567519	-1.76206	0.91616	1.06594	1.06594	1.98328	8.68735	3.89359	1
cg23402986	FAM110B	0.173892		0.114592	0.39884	-2.50804	0.123472	0.298559	-3.34979	0.0966	0.243023	2.43023	0.136093	2.99267	2.99267	0.0156817	1.47919	1.47919		0.12511	2.98514	2.98514	0.0240636	5.8369	5.8369	0.0447351	4.58289	4.58289	0.237357	2.92033	2.92033	1.98328	13.6325	6.10997	1
cg01185345	STK24	0.173892		0.201491	0.433014	-2.30494	0.520389	0.667458	-1.49822	0.863405	1.11277	1.11277	0.279427	0.497703	-2.00923	0.0644927	0.227562	-3.62819		0.197751	1.58142	1.58142	-1.71583	0.0116086	0.141167	-7.0838	0.445387	0.617111	-1.62045	0.087746	0.31055	-3.22009	1.98328	12.0941	5.42047	1
cg22741823	SGMS2	0.173897		0.0466659	0.390309	-2.56207	0.974703	0.987004	-1.01317	0.894452	0.946552	-1.05635	0.288061	1.57701	1.57701	0.476373	1.34862	1.34862		?	?	?	0.959428	0.979208	-1.02123	0.0239642	0.328757	-3.04176	0.882983	0.940983	-1.06272	1.99649	4.79451	2.40147	1
cg02207496	DGCR6	0.173904		0.4041631	0.7221	-1.38495	0.4854	0.7221	-1.38495	0.4854	0.7221	-1.38495	0.4854	0.7221	-1.38495	0.4854	0.7221	-1.38495		0.0555966	6.28833	6.28833	0.721765	1.35403	1.35403	0.0879623	4.94423	4.94423	0.154871	1.67257	1.67257	1.98321	22.1258	10.1151	1
cg12471156	RBM16	0.173904		0.597388	0.908257	-1.10101	0.0937254	1.39482	1.39482	0.0517862	1.48063	1.48063	0.535427	0.802876	-1.11998	0.242757	0.801959	-1.24695		0.287159	0.819115	-1.22083	0.275598	0.814837	-1.22724	0.357102	0.8428	-1.18652	0.257254	1.23795	1.23795	1.98321	1.02378	0.458864	1
cg00769927	SLC9A1;SLC9A1	0.173909		0.237023	0.80566	-1.24107	0.443633	0.717195	-1.39482	0.313532	0.761746	-1.31277	0.947423	1.01808	-1.01808	0.966222	0.931815	-1.07346		0.26265	1.0777	1.0777	0.0850077	1.04088	1.04088	0.815971	1.83854	1.83854	0.159764	1.50428	1.50428	1.98318	1.49408	0.671962	1
cg26804611	RPA3	0.173911		0.320273	0.601389	-1.66282	0.0771336	0.377902	-2.64619	0.346867	0.619011	-1.61547	0.0333932	3.42439	3.42439	0.571096	1.32768	1.32768		0.185813	1.499261	-2.00296	0.644585	0.794532	-1.2586	0.728543	1.18829	1.18829	0.312937	0.596421	-1.67667	1.98318	7.70065	3.45155	1
cg01694939	CHD1;CHD1;CHD1;CHD1;CHD1	0.173915		0.225924	0.54625	1.54625	0.182667	1.62328	1.62328	0.242321	1.52106	1.52106	0.437194	1.31212	1.31212	0.0284119	0.412056	-2.42686		0.217137	1.56025	1.56025	0.917893	1.03597	1.03597	0.241889	1.5217	1.5217	0.532136	0.805019	-1.24221	1.98315	3.68966	1.65376	1
cg22995846	ZNF71	0.173916		0.129609	0.41383	-2.41677	0.25171	1.1446	1.1446	0.377958	1.22837	1.22837	0.514112	1.13815	1.13815	0.844896	1.14563	1.14563		0.600055	1.1281	1.1281	0.0188186	0.512302	1.94606	1.40003	1.40003	0.269159	1.29976	1.29976	1.98315	1.61824	0.730708	1
cg10417863	GOLGA3	0.173923		0.795156	1.04711	1.04711	0.124943	0.74538	-1.3416	0.495603	1.13023	1.13023	0.309466	1.20453	1.20453	0.219785	0.795893	-1.25645		0.199212	1.27125	1.27125	0.0260277	1.59579	1.59579	0.699222	0.933615	-1.0711	0.5909	0.908458	-1.10077	1.9831	0.983154	0.44068	1
cg08080923	CCDC9	0.173923		0.0342084	0.18753	-5.33153	0.0737234	0.245347	-4.14147	0.188354	0.346318	-2.88755	0.175468	0.35468	-2.81966	0.0755168	0.132207	-7.56276		0.128824	1.14708	1.14708	0.0546534	0.441907	1.94258	1.40158	1.40158	0.268454	1.29631	1.29631	1.17845	1.78464	0.942508	0.401	1
cg02212846	FNDC1	0.173923		0.912625	1.04976	1.04976	0.80717	0.89746	-1.11426	0.967626	0.982205	-1.01812	0.262125	1.6775	1.6775	0.232947	0.57503	-1.73904		0.319058	0.634088	-1.57707	0.51588	1.97223	1.97223	0.0134688	1.85613	3.85613	0.820702	1.10565	1.10565	1.98306	6.1472	2.75542	1
cg10677933	CABIN1	0.173934		0.639561	1.11394	1.11394	0.619666	1.12127	1.12127	0.129321	1.45487	1.45487	0.175536	1.39031	1.39031	0.273614	1.29774	1.29774		0.180931	1.38397	1.38397	0.00931168	2.12687	2.12687	0.774522	0.76791	1.06791	0.467893	0.844535	-1.18408	1.98304	1.6436	0.736737	1
cg20975970	TMEM159;DNAH3	0.173935		0.05676	0.304488	-3.28284	0.183365	0.312504	-3.20131	0.164566	0.275648	-3.63107	0.0977759	0.736839	0.736839	0.0756844	0.135731	-7.36719		0.191158	1.06808	1.06808	-1.83184	0.0795434	-1.13695	0.226396	0.24521	-4.07805	0.0198	0.229177	0.466786	0.24521	1.98303	11.4491	5.13204	1
cg07094169	SRGAP3;SRGAP3	0.173936		0.0153643	0.145017	-2.29876	0.429992	0.798194	-1.25283	0.751859	0.91507	-1.09281	0.0964431	0.600084	-1.66643	0.963533	0.10287	-1.01287		0.101569	1.65127	1.65127	0.693994	0.895262	-1.11699	0.915283	0.970666	-1.03022	0.699347	0.897104	-1.1147	1.98303	0.245877	1.10214	1
cg25930209	FLI1;ISG0	0.173936		0.0406564	0.57892	-1.72703	0.511611	0.74211	-1.34811	0.384608	0.859059	-1.16406	0.240808	1.34238	1.34238	0.0257568	0.748494	-1.33572		0.214827	1.3732	1.3732	0.0793903	1.33059	-1.06496	0.605348	0.748206	-1.33645	0.0427	0.178705	0.542783	-1.84236	0.0933924	0.0999	1.98302	0.0999	0.0999	1.98302	0.0999	0.0999	1
cg01062068	SYNGR3	0.173943		0.210656	0.832721	-1.20088	0.925457	-1.01307	-1.01307	0.455422	1.11128	1.11128	0.782621	0.952809	-1.04953	0.200947	1.20618	1.20618		0.035786	0.712458	-1.40359	0.695545	0.94688	-1.0561	0.0396762	0.718832	-1.39115	0.757117	1.04399	1.04399	1.98299	0.600042	0.271161	1
cg25634402	LOC100130987;CLCF1;CLCF1	0.173943		0.253318	0.693153	-1.5772	0.928731	0.913171	-1.51781	0.515785	0.656565	-1.8064	0.510018	0.768137	-1.30139	0.0402444	0.97953	-1.02152		0.699678	0.856733	-1.16753	0.624966	0.540651	-1.84962	0.382999	0.48194	-2.0754	0.0496225	0.540651	-1.84962	0.382999	0.48194	2.0195	1
cg04843425	RNASE13	0.173946		0.966112	0.98658	-1.0136	0.0848219	1.83328	1.83328	0.29775	0.98048	1.40084	0.51103	1.17718	1.17718	0.0355186	0.459332	-2.17708		0.975099	1.00998	1.00998	0.291825	1.04514	-1.49514	0.440043	0.779467	-1.28458	0.0201208	0.650981	1.53614	1.98297	3.17638	1.42385	1
cg18370200	RGL2;RGL2	0.173948		0.0737718	0.841971	-1.18769	0.112787	0.861595	-1.16064	0.79784	1.0224	1.0224	0.77537	0.975611	-1.025	0.691596	0.965153	-1.27708		0.112045	1.16106	1.16106	0.0562788	1.20508	1.20508	0.863862	0.985299	-1.01492	0.715385	1.03211	1.03211	1.98296	0.233905	0.104851	1
cg07691180	MAP3K11;MAP3K11	0.173948		0.503235	0.859772	-1.16327	0.424407	0.710953	-1.40653	0.424407	0.710953	-1.40653	0.424407	0.710953	-1.40653	0.424407	0.710953	-1.40653		0.0555966	6.28833	6.28833	0.721765	1.35403	1.35403	0.0879623	4.94423	4.94423	0.154871	1.67257	1.67257	1.98321	22.1258	10.1151	1
cg22798737	PON1	0.173959		0.369753	0.788058	-1.26894	0.219834	1.396	1.396	0.255974	1.35883	1.35883	0.0405773	0.542551	-1.84315	0.454453	0.821175	-1.21777		0.113263	0.640403	-1.56152	0.17706	1.44919	1.44919	0.880809	0.961945	-1.03956	0.74824	1.08683	1.08683	1.9829	2.09882	0.941304	1
cg10446403	RPL31;PPL31;RPL31	0.173961		0.627815	0.911606	-1.09696	0.162098	0.75311	-1.32783	0.0212659	0.591865	-1.68957	0.727697	0.935926	-1.06846	0.0606223	0.669835	-1.4929		0.031763	0.620741	-1.61099	0.3617	0.837691	-1.19376	0.805808	0.954386	-1.04779	0.73549	0.938024	-1.06607	1.98289	1.12699	0.505206	1
cg05942022	SLC2A1	0.173962		0.0826895	0.306347	-3.26379	0.687183	0.45522	-2.19677	0.0633736	0.183736	-5.4422	0.0139746	0.181489	-5.50978	0.0163276	0.063277	-15.8016		0.0222992	4.111801	-2.42836	0.119652	0.576976	-1.73206	0.0423146	0.11427	0.503306	0.0802484	0.24612	1.98288	1.29575	0.747342	1
cg08055786	MAPKAPK2;MAPKAPK2	0.173964		0.918848	1.05217	1.05217	0.0777263	0.51507	0.51507	0.27027	1.76919	1.76919	0.513948	1.36935	1.36935	0.414603	0.659557	-1.51608		0.742269	0.848178	-1.179	0.352979	0.620704	-1.61107	0.576529	0.75463	-1.32515	0.74078	1.18017	1.18017	1.98287	7.81931	3.50527	1
cg08342103	PIGN	0.173965		0.548563	0.814879	-1.22802	0.604008	0.777177	-1.28631	0.211704	0.981668	1.00299	0.974125	1.00299	1.00926	0.486691	1.09623	1.09623		0.340693	0.656125	-1.5241	0.602773	1.25651	1.25651	0.25356	2.0573	2.0573	0.529294	1.31937	1.31937	1.98361	9.94154	2.6625	1
cg10143731	BAT2L2	0.173967		0.312171	2.1105	2.1105	0.0846838	0.256072	-3.90516	0.0334479	0.169436	-5.90193	0.999207	0.99929	-1.00071	0.131085	0.312037	-3.20474		0.326221	2.06297	2.06297	0.781681	1.21954	1.21954	0.232705	0.408907	-2.445	0.792617	1.20713	1.20713	1.98286	16.0283	7.18524	1
cg23427859	GOLT1	0.173967		0.160758	1.44862	1.44862	0.349831	1.07378	1.27078	0.217593	1.37831	1.37831	0.372459	1.2542	1.2542	0.0109255	1.56117	1.56117		0.0169278	0.668394	-1.495	0.463668	0.833513	1.77362	1.77362	0.0759062	1.07907	1.07907	1.98286	3.92157	0.861417	1
cg13348994	PCSK1	0.173967		0.272992	0.653051	-1.53127	0.0201496	0.351079	-2.84837	0.891016	1.05254	1.05254	0.445245	0.74779	-1.33727	0.102934	0.513592	-1.94707		0.192514	0.59741	-1.67389	?	?	?	0.0646449	0.460645	-2.17087	0.239593	0.631328	1.58396	1.98098	3.19181	1.96375	1
cg22601980	BEST3;BEST3	0.173967		0.0316134	0.104817	-9.54046	0.240183	0.332649	-3.00617	0.404404	0.465995	-2.14595	0.0810276	0.177102	-5.64871	0.0574918	0.146195	-6.84019		0.496735	0.539237	-1.85447	0.0432329	0.124775	-8.01444	0.239737	0.332269	-3.00961	0.150004	0.251273	-3.97973	1.98285	25.1565	11.2773	1
cg19547192	PTPN2;PTPN2;PTPRN2	0.173968		0.310488	0.7238	-1.38165	0.474283	0.74283	-1.34583	0.314868	0.71771	-1.39321	0.42113	0.74139	-1.34901	0.0376977	0.421113	-2.37393		0.258525	2.21666	2.21666	-1.16434	0.0164135	-1.55927	0.522643	0.645466	-1.54879	0.192585	0.34169	0.645466	-1.54879	0.192585	0.34169	0.41811	1
cg19966154	THAP2;FCHSI1	0.173997		0.21427	1.22138	1.22138	0.0105744	0.611505	-1.63531	0.895434	0.980089	-1.02042	0.163461	0.796542	-1.25582	0.712589	0.944981	-1.05822		0.21624	0.819524	-1.22022	0.262495	0.836978	-1.19477	0.979998	0.996173	-1.00384	0.826149	0.966916	-1.03422	1.98284	0.7346	0.329315	1
cg24248629	ZMYS32	0.173997		0.307747	1.02228	1.02228	0.0922758	0.7454	-1.34154	0.0855354	0.731454	-1.36755	0.0413226	2.1964	2.1964	0.0129455	0.29644	-3.37293		0.633048	0.882535	-1.1333	0.540852	0.95842	-1.0899	0.0496805	0.3028	-3.30152	0.0138422	0.729817	0.94311	-1.06007	1.98284	0.94311	1
cg00510087	ITIH5;ITIH5;ITIH5	0.173974		0.32152	2.810719	-1.23347	0.850337	1.03946	1.03946	0.0238292	0.575471	-1.7377	0.75835	1.06526	1.06526	0.973804	1.00675	1.00675		0.206728	1.31368	1.31368	0.0868442	1.47322	1.47322	0.295855	0.800844	-1.24868	0.626237	0.904331	-1.10579	1.98281	3.3182	0.590946	1
cg11798360	LRRC4B	0.173983		0.44059	0.840009	-1.19046	0.0798442	0.649339	-1.53861	0.340815	0.804445	-1.24309	0.0444782	1.66791	1.66791	0.770894	1.06687	1.06687		0.898306	1.02881	1.02881	0.942988	0.855425	-1.16858	0.538398	1.14808	1.14808	0.192777	1.54315	0.691804	1
cg22288919	SPG11;SPG11	0.173983		0.45403	0.8	-1.25	0.398482	0.776538	-1.28813	0.211704	0.981668	1.00299	0.974125	1.00299	1.00926	0.486691	1.09623	1.09623		0.435132	1.12569	1.12569	0.0955511	1.52414	-1.01786	0.963315	0.92061	-1.08577	0.0129976	0.731973	-1.07299	1.98276	1.25683	0.563449	1
cg14448681	SETX	0.173986		0.828334	1.12018	1.12018	0.132346	0.427944	-2.33675	0.053293	0.317463	-3.14998	0.450076	0.668832	-1.49514	0.16779	0.463788	-2.15616		0.953233	0.969813	-1.03113	0.

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Probeset ID ch.8.163218OR	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	p-value(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg22366629	2HH4; TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1 /PQBP1;PQBP1;PQBP1;TIMM17B;PQBP	0.17417	0.643958	0.30731	-3.29273	0.5400953	0.256614	-3.8969	0.3634459	0.302185	-3.30923	0.0415234	0.259834	-3.84861	0.10204	0.452992	-2.20754	0.358274	0.58175	-1.71888	0.16989	0.432382	-2.31277	0.254125	0.505194	-1.97944	0.2212284	0.478444	-2.00011	1.1817	10.3189	4.62855	1
cg22366629	1;PQBP1	0.174177	0.148242	0.248203	-4.02896	0.965706	1.03939	1.03939	0.359489	2.3316	2.3316	0.107102	4.85727	4.85727	0.92249	0.91627	-1.09138	0.0169911	0.0731419	-13.6721	0.595448	1.6185	1.6185	0.854999	0.84843	-1.17865	0.836905	0.830931	-1.20347	1.98166	25.3186	11.3658	1
cg12393104	RTN4R	0.174187	0.529414	1.49699	1.49699	0.0161824	6.44211	6.44211	0.0171132	6.2985	6.2985	0.637178	1.351	1.351	0.463169	1.60461	1.60461	0.292056	1.99822	1.99822	0.173718	2.50055	2.50055	0.580801	1.42361	1.42361	0.696079	1.28121	1.28121	1.98166	12.585	5.64525	1
cg02554456	MUC6	0.174188	0.111802	0.435747	-2.29341	0.48229	0.709948	-1.40855	0.934142	0.961133	-1.04044	0.8117811	1.12534	1.12134	0.0470001	0.3362219	-2.97425	0.421132	0.674206	-1.48323	0.01995	0.259911	-3.84746	0.20191	0.5239443	-1.9086	0.110104	0.443722	-2.30563	1.9816	7.22151	3.23917	1
cg06754496	SGMS1	0.174189	0.326042	0.81745	-1.22332	0.4884458	0.869447	-1.15016	0.2770814	1.25195	1.25195	0.592433	0.898156	-1.11339	0.101654	0.700328	-1.4279	0.118534	0.714025	-1.40051	0.0350946	1.62906	1.62906	0.815992	1.04743	1.04743	0.751954	0.938917	-1.06506	1.98159	1.24006	0.556259	1
cg06361505	SHCBP1	0.174191	0.668974	1.34702	1.34702	0.228965	0.898996	-1.11155	0.5660952	0.746919	-1.33381	0.689309	1.3309	1.3309	0.365526	0.752332	-1.32922	0.106997	0.58166	-1.71942	0.0317975	0.51445	-1.94398	0.231136	1.48245	1.48245	0.0843704	1.79392	1.79392	1.98158	2.940958	1.31907	1
cg15473134	CLCN6	0.174197	0.507381	0.881778	-1.13407	0.2919983	0.706802	-1.41482	0.0489651	0.656695	-1.52278	0.834394	0.954641	-1.04751	0.285888	0.812749	-1.23039	0.972895	0.993664	-1.00638	0.111868	1.38248	1.38248	0.41204	1.74784	1.74784	0.0764163	1.601608	1.44991	1.98155	1.09823	0.492646	1
cg14114804	ZDHHC22	0.174197	0.328771	1.17126	1.17126	0.715246	1.05915	1.05915	0.718413	0.944793	-1.05843	0.205892	0.811171	-1.23279	0.0142444	1.60666	1.60666	0.258539	0.831197	-1.20308	0.635862	0.927924	-1.07767	0.234549	1.21582	1.21582	0.992538	1.00147	1.00147	1.98155	0.771931	0.346276	1
cg05137710	MYO9B;HAUS8;MYO9B;HAUS8	0.174198	0.717565	1.17667	1.17667	0.2	0.560063	-1.26159	0.54173	1.19749	1.19749	0.758403	-1.31853	0.127855	0.0894	0.2084	-3.79211	0.263305	1.68528	1.68528	0.0242728	1.93036	1.93036	0.027	0.0000	1.54754	0.172218	1.916634	1.98154	6.288422	2.8208	1
cg07469445	DIP2C;C10orf108;C10orf108	0.174204	0.472471	0.704252	-1.41995	0.016114	0.243648	-4.10712	0.0743343	0.38222	-2.61629	0.5101885	1.33559	1.33559	0.190394	0.514112	-1.9451	0.928664	1.0439	1.0439	0.604289	1.2851	1.2851	0.561566	0.754561	-1.32527	0.416372	1.48964	1.48964	1.98151	7.224017	3.2407	1
cg03202188	PHF17;PHF17	0.174204	0.301518	1.09115	1.04511	0.0828806	0.802363	-1.24402	0.0932941	0.808662	-1.23588	0.689569	1.04708	1.04708	0.0188282	0.719516	-1.38982	0.422053	1.06825	1.06825	0.355432	1.03645	1.03645	0.663194	0.953952	-1.04827	0.898373	0.985467	-1.01475	1.98151	0.741957	0.184801	1
cg00988129	IPH1	0.174205	0.719599	1.24144	1.24144	0.0233211	5.08429	5.08429	0.00302887	3.82167	3.82167	0.285086	1.94668	1.94668	0.906509	0.9	-1.07303	0.994096	1.00445	1.00445	0.656133	0.764251	-1.30847	0.109288	0.85077	-1.85077	0.423315	0.61224	-1.63335	1.98149	11.2954	5.06706	1
cg24000859	WBSCR17	0.174207	0.403379	0.606415	-1.64904	0.2431203	0.208202	-4.80724	0.0232952	0.204754	-4.88392	0.209981	0.461711	-2.16586	0.1493032	0.404468	-2.47238	0.994462	0.995948	-1.00407	0.996126	0.997164	-1.00284	0.153367	0.410917	-2.43158	0.465324	0.647495	-1.54441	1.98149	10.7382	4.81711	1
cg03514646	RFX3;RFX3	0.174211	0.824675	1.02827	1.02827	0.343477	0.220877	-1.12451	0.2853443	1.14654	1.14654	0.327672	1.13536	1.13536	0.0379954	1.35289	1.35289	0.709775	0.785077	-1.28028	0.456096	1.09994	1.09994	0.299972	1.14448	1.14448	0.348629	0.885828	-1.12889	1.98147	0.495385	0.22223	1
cg03986395	FAM38A	0.174214	0.693386	0.925796	-1.08015	0.806966	1.04879	1.04879	0.471708	0.867236	-1.15309	0.459194	0.863603	-1.15794	0.304326	0.813028	0.22997	0.540625	0.886454	-1.12809	0.00854111	1.92114	1.92114	0.503731	1.14114	1.14114	0.430031	1.16968	1.16968	1.98145	1.18809	0.532982	1
cg08594681	CLIC1;CLIC1;CLIC1;CLIC1 /// FAFAH1B1;FAFAH183;PRR19;PAFAH1B	0.174214	0.9582249	0.263233	-3.79474	0.409735	0.540833	-1.849	0.515825	1.61665	1.61665	0.318653	0.481968	-2.07483	0.158571	0.333284	-3.00045	0.452115	0.572076	-1.74802	0.0250114	0.143116	-6.98736	0.0509553	0.197715	-5.05777	0.160575	0.335281	-2.98258	1.98145	16.6802	7.48284	1
cg27096253	3	0.174215	0.984304	1.01063	1.01063	0.00988241	0.173342	-5.76896	0.273284	1.84582	1.84582	0.334611	1.70737	1.70737	0.202514	0.48514	-2.06126	0.684095	0.802586	-1.24597	0.5249	1.41393	1.41393	0.784349	0.862891	-1.1589	0.697076	0.810341	-1.23405	1.98144	9.06946	4.06862	1
cg22732644	KCNN3;KCNN3	0.174215	0.966217	1.0177	1.0177	0.695168	0.849432	-1.1726	-1.17266	0.668557	1.19539	1.19539	0.459186	1.36657	1.36657	0.0901579	0.253716	0.341247	1.50137	1.50137	0.540562	1.29269	1.29269	0.194869	1.7651	1.7651	0.996792	1.00167	1.00167	1.98144	5.38864	2.41738	1
cg22003366	PRR16;PRR16	0.174215	0.747845	0.911186	-1.09747	0.522772	0.632637	-1.20535	0.72133	0.901881	-1.10879	0.665896	0.882265	-1.13345	0.474646	0.810867	-1.23325	0.556746	0.842495	-1.18695	0.00391162	0.326326	-3.06442	0.968502	1.01145	1.01145	0.164315	0.651898	-1.53398	1.98144	2.609023	1.17052	1
cg01389386	ST3GAL2	0.174215	0.108957	0.341129	-2.93144	0.836084	1.11595	1.11595	0.767788	1.19982	1.19982	0.515621	0.668988	-1.49928	0.16945	0.40636	-2.46087	0.566134	0.699834	-1.42879	0.0137796	0.168131	-5.94143	0.0893799	0.315802	-3.16564	0.103117	0.313611	-3.18958	1.98143	11.8785	5.32892	1
cg23008092	MEGF10	0.174225	0.39582	2.31909	2.31909	0.172817	4.06886	4.06886	0.0993284	0.174195	-5.74071	0.563561	1.75915	1.75915	?	?	?	0.26197	1.10028	1.10028	0.744663	1.3718	1.3718	0.0264341	1.27553	1.27553	0.370738	2.43295	2.43295	1.99458	26.2752	13.1733	1
cg26780013	MFAP3L	0.174229	0.763195	1.05089	1.05089	0.1455715	0.773552	-1.29274	0.10688	0.748871	-1.33534	0.532654	0.899029	-1.11231	0.409267	1.14872	1.14872	0.341196	0.851181	-1.17484	0.138416	0.769459	-1.29961	0.359927	1.16723	1.16723	0.0663662	1.402053	1.40253	1.98136	0.846943	0.37996	1
cg06522267	TSNARE1	0.174233	0.644083	1.30554	1.30554	0.2	1.88063	-1.18451	0.9278784	0.647618	-1.05328	0.227148	2.12451	2.12451	0.0137796	0.2824955	-3.54102	0.709775	0.785077	-1.28028	0.456096	1.09994	1.09994	0.299972	1.14448	1.14448	0.348629	0.885828	-1.12889	1.98147	0.495385	0.22223	1
cg17606575	NBPF9	0.174232	0.57533	0.786341	-1.27171	0.159382	0.528031	-1.89383	0.163073	0.531396	-1.88184	0.823507	0.909497	-1.09951	0.0160393	0.286026	-3.49619	0.104662	0.470873	-2.12371	0.361338	1.48956	1.48956	0.56148	1.28315	1.28315	0.552289	0.774657	-1.29089	1.98135	5.65913	2.53885	1
cg04197195	CCDC71	0.174234	0.177886	3.0941	1.30941	0.385231	1.54289	1.18249	0.51125	1.61665	1.61665	0.313756	0.851803	-1.13366	0.805092	0.965204	-1.03605	0.620877	0.910393	-1.09843	0.02744	0.61191	-1.63423	0.222618	1.27293	1.27293	0.479254	0.873339	-1.14503	1.98134	1.11256	0.499128	1
cg20449327	C14orf149;KMP;JKAMP;JKAMP;JKAM	0.174234	0.348437	0.868223	-1.15178	0.246653	1.19404	1.19404	0.277304	1.17986	1.17986	0.51601	0.908096	-1.1012	0.0360925	0.699898	-1.42878	0.714405	0.94762	-1.05528	0.972536	0.994973	-1.00505	0.708867	1.05644	1.05644	0.0545116	1.3762	1.3762	1.98133	0.572417	0.301667	1
cg12379954	GAB1;GAB1	0.174235	0.195053	1.44332	1.44332	0.0139703	0.148448	2.19349	0.0646957	0.469078	-2.13191	0.308802	0.469078	-2.13191	0.308802	0.469078	-2.13191	0.429756	2.60607	2.60607	0.0113124	4.09133	4.09133	0.221582	3.18674	3.18674	0.0113651	2.525241	2.525241	1.98133	1.41561	2	1
cg09799350	SCML2	0.174238	0.238413	0.15179	-6.58803	0.920337	0.165	1.165	0.79788	1.47963	1.47963	0.114858	13.7041	13.7041	0.134466	1.68164	1.68164	0.009821	0.00685255	-145.931	0.891214	0.811462	-1.23234	0.925088	0.866249	-1.1544	0.916449	1.17376	1.17376	1.98131	1.741345	32.8137	1
cg24749970	TRAK2;STRAP;KDM1A	0.174238	0.108957	0.341129	-2.93144	0.836084	1.11595	1.11595	0.767788	1.19982	1.19982	0.515621	0.668988	-1.49928	0.16945	0.40636	-2.46087	0.566134	0.699834	-1.42879	0.0137796	0.168131	-5.94143	0.0893799	0.315802	-3.16564	0.103117	0.313611	-3.18958	1.98143	11.8785	5.32892	1
cg27263506	LOC148145	0.174242	0.198147	0.501508	-1.99199	0.206895	1.9649	1.9649	0.716478	0.831046	-1.2033	0.241001	0.536424	-1.8642	0.0102724	0.937021	-1.16205	0.299351	0.579384	-1.72597	0.427237	0.662771	-1.50882	0.336164	0.604583	-1.65403	0.471317	0.689481	-1.45037	1.98129	0.07957	3.62483	1
cg11803247	MRPS35	0.174245	0.136572	0.72101	-1.38689	0.108265	1.78312	1.78312	0.258022	0.677329	-1.47639	0.63371	0.854955	-1.17171	0.0430738	0.463782	-2.15619	0.870648	0.947627	-1.05527	0.0513335	0.48417	-2.06539	0.544643	1.22433	1.22433	0.454944	0.777848	-1.2856	1.98125	3.41904	1.53396	1
cg22588850	CDK42	0.174245	0.787629	1.04109	1.04109	0.145321	1.88063	1.88063	0.00739929	0.289256	-3.45796	0.152155	0.813955	-1.22955	0.0131795	0.229495	-4.35402	0.878706	0.943697	-1.06066	0.0907228	0.769471	-1.29959	0.506064	1.29196	1.29196	0.180426	0.911814	-1.09671	1.98124	4.52278	2.02916	1
cg22796248	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.174251	0.965924	0.981867	-1.01847	0.437736	1.36631	1.36631	0.683316	0.838875	-1.19207	0.336029	1.52948	1.52948	0.0240044	0.355591	-3.16866	0.633133	1.22874	1.22874	0.279389	0.617717	-1.61886	0.0568593	2.51736	2.51736	0.972932	0.985571	-1.01464	1.98124	5.75768	2.5832	1
cg18445188	DDX58	0.174253	0.156125	1.48468	1.48468	-1.77479	0.366975	2.02359	0.202359	0.833066	-1.12654	0.53881	0.782332	-1.27825	0.682575	0.782332	-1.27825	0.148023	1.54476	1.54476	1.8468	0.0169079	3.31648	-1.35976	0.967777	1.0161	0.0485912	1.399644	0.49315	2.19862	1.98124	4.50228	2.13828	1
cg09178844	BTF3L4;BTF3L4;TXNDC12;BTF3L4	0.174256	0.155858	2.34747	2.31479	0.968207	0.978209	-1.02228	0.137209	2.4228	2.4228	0.0933867	2.77359	2.77359	0.409974	1.59327	1.59327	0.0495104	0.45178	0.46133	0.125119	1.25179	0.725468	1.21518	1.21518	0.0922557	0.35902	1.98124	0.598521	1.58825	4.30186	1	
cg24543488	C6orf204;C6orf204;C6orf204;C6orf204	0.174259	0.0391326	1.36229	1.36229	0.57736	0.929689	-1.07563	0.0199542	1.43873	1.43873	0.392951	1.12001	1.12001	0.842343	0.97454	-1.02613	0.749344	0.959336	-1.04239	?	?	?	0.980832	0.996893	-1.00312	0.866191	0.978396	-1.02208	1.99438	0.470908	0.236117	1
cg27190099	SNX29	0.174259	0.00759055	0.146455	-6.82805	0.516281	1.44515	1.44515	0.568645	0.724451	-1.38036	0.428544	0.636239	-1.57174	0.449875	0.650001	-1.53846	0.590859	1.35476	1.35476	0.292824	2.02366	2.02366	0.886776	0.923386	-1.08297	0.823638	0.8826	-1.13302	1.98119	9.82154	4.40656	1
cg16253641	DDAH1;DDAH1	0.174262	0.159303	1.61664	1.61664	0.0156456	0.684273	1.41401	0.0705161	0.540688	-1.85008	0.220598	0.422644	-2.36643	0.0451356	0.640473	-1.56154	0.693678	0.88167	-1.13446	0.248935	0.692148	-1.44479	0.556812	1.03654	1.03654	0.966324	0.986599	-1.01358	1.98118	3.0066	1.4378	1
cg04263192	ADAH	0.174263	0.177045	0.340618	-2.93584	0.120175	2.282137	-3.54437	0.0592319	0.202167	-4.9464	0.878419	1.12176	1.12176	0.0263033	0.138364	-7.22734	0.0809432	0.233973	-4.274	0.569007	0.649177	-1.54041	0.257707	0.412072	-2.42676	0.129879	0.292852	-3.41469	1.98117	17.6784	7.93173	1
cg17633639	DNAIC13	0.174267	0.432462	1.32345	1.32345	0.2062461	0.5583375	-1.6996	0.2755378	0.748986	-1.39093	0.89798	1.03802	1.03802	0.3340018	0.748365	-1.33625	0.435435	1.26048	1.26048	0.2	2.29532	2.29532	0.95594	0.984055	-1.0162	0.6864511	0.915643	-1.09181	1.98113	2.615449	1.10143	1
cg00362285	PARP14	0.174271	0.269323	0.4903386	-2.03921	0.682223	1.12314	1.12314	0.0453673	1.14564	1.14564	0.166575	2.49326	2.49326	0.0236257	0.272512	-3.66956	0.718378	1.25147	1.25147	0.44357	0.643382	-1.55429	0.23752	0.493691	-2.02556	0.1002039	0.35104	0.85104	1.98112	12.0387	5.40153	1
cg02872767	PLXSP	0.174277	0.414318	0.380708	-2.62669	0.967974	0.9546	-1.04756	0.288861	0.279662	-3.57574	0.245404	0.245105	-4.07988	0.0184979	0.036659	-27.2784	0.684599	0.623173	-1.60418	0.0617695	0.0876308	-11.4115	0.170367	0.184558	-5.41836	0.0463015	0.0713212	-14.0388	1.98109	42.0222	18.8548	1
cg02937925	PLOD2	0.174283	0.259863	1.17795	1.17795	0.1602085	1.71	1.71	0.1934969	0.664097	-1.5059	0.0255463	0.445572	-2.24457	0.0178338	0.724254	-1.38081	0.453435	1.12968	1.12968	0.2	1.44572	1.44572	0.642407	0.973383	-1.02706	0.9425155	0.981708	-1.01836	1.98106	1.019351	-1.04561	0.305532	0.271699	1
cg15811883	TSSK1B;MCC	0.174288	0.399028	1.21842	1.21842	0.0843645	1.54783	1.54783	0.26722	0.767613	-1.30274	0.196924	0.731876	-1.36635	0.0284781	0.553472	-1.80678	0.657086	1.10764	1.10764	0.802595	0.944298	-1.05899	0.900825	0.971877	-1.02894	0.302581	0.783212	-1.27679	1.98103	1.64261	0.737038	1
cg05537156	SEMA7A;SEMA7A;SEMA7A	0.174288	0.940936	1.04234	1.04234	0.0112983	5.92043	5.92043	0.152662	2.47914	-2.47914	0.796027	0.865063	-1.15598	0.178649	0.449527	-2.22456	0.817988	0.878982	-1.13767	0.950659	0.965965	-1.03525	0.975472	1.01735	1.01735	0.495476	0.678899	-1.47299	1.98103	0.92417	0.44081	1
cg07266910	ZMAT3;ZMAT3	0.174292	0.176778	0.495342	-2.01881	0.207501	2.50404	-1.14931	0.157894	0.477714	-2.0933	0.847516	0.910339	-1.09849	0.0790159	0.385123	-2.59658	0.0628755	0.359193	-2.78402	0.144167	0.2	2.29532	2.29532	0.95594	0.984055	-1.0162	0.6864511	0.915643	-1.09181	1.98103	2.615449	1.10143	1
cg09110274	CACNA2D4	0.174297	0.0316048	0.527281	-1.89652	0.0887483	1.62276	1.62276	0.987762	0.996053	-1.00396	0.626015	0.881045	-1.13502	0.421123	0.805539	-2.1414	0.111662	0.639701	-1.56323	0.211505	1.40413	1.40413	0.846272	0.95118	-1.05133	0.692794	0.902677	-1.10782	1.98098	2.08617	0.93609	1
cg00065569	LIN52	0.174298	0.654694	1.10963	1.10963	0.2	0.737234	-1.35626	0.264397	0.780148	1.28181	0.481754	0.867529	1.15316	0.0405432	1.29806	1.29806	0.290554	0.806554	-1.24017	0.185361	1.37798	1.37798	0.995531	0.998722	-1.00128	0.474409	1.1808	1.1808	1.98097	2.03202	1.02134	1
cg26453130	NCRNA00171	0.174299	0.0682166	0.508059	-1.96827	0.2301725	0.658701	-1.51814	0.0341817	0.440616	-2.26955	0.943448	1.02381	1.02381	0.0340071	0.44015	-2.27195	0.417032	0.759531	-1.3166	0.104467	0.555136	-1.80136	0.969372	1.01256	1.01256	0.656111	0.861892	-1.16024	1.98096	3.45033	1.54821	1
cg12930795	RTBDN	0.174305	0.458835	0.523448	-1.77479	0.366975	0.02359	2.02359	0.182465	0.83306	2.83306	0.102516	3.89177	3.89177	0.697162	0.74272	-1.3464	0.320556	2.19467	2.19467	0.752894	0.790764	-1.2646	0.0125449	0.16076	0.16076	0.382189	1.97709	1.97709	1.98093	18.1483	8.14357	1
cg15884202	WDR60	0.174305	0.476031	0.850087	-1.17635	0.599156	1.12622	1.12622	0.160105	1.39983	1.39983	0.0276661	0.55797	-1.79221	0.728814	0.924962	-1.08113	0.354162	0.807644	-1.23817	0.134662	1.43543	1.43543	0.559434	1.14127	1.14127	0.275285	1.28964	1.28964	1.98093	1.57575	0.707076	1
cg27505193	NCOR2;NCOR2	0.174306	0.915518	0.978328	-1.02215	0.234114	0.772948	-1.29375	0.209647	0.761085	-1.31391	0.149023	1.37647	1.37647	0.689969	0.920544	-1.08631	0.110037	1.43283	1.43283	0.0365467	1.65152	1.65152	0.698845	0.922866	-1.08358	0.6005572	0.896658	-1.11525	1.98093	1.33755	0.600192	1
cg14504188	PDE4D	0.174308	0.955126	1.00444	1.00444	0.218756	1.102602	-1.31707	0.105056	0.759237	-1.31707	0.105056	0.759237	-1.31707	0.105056	0.759237	-1.31707	0.728955	1.37243	1.37243	0.385361	1.27293	1.27293	0.479254	0.873339	-1.14503	0.1124256	0.499128	1				
cg08738570	C1orf70	0.174308	0.200146	1.25837	1.25837	0.725533	0.941901	-1.06168	0.2558782	1.56894	1.56894	0.140299	0.763881	-1.30919	0.957439	1.00096	1.00096	0.92567	0.984279	-1.01597	0.220658	0.803596	-1.24444	0.360514	0.852457	-1.17308	0.308788	0.836211	-1.19587	1.98092	0.904708	0.405966	1
cg03172211	GOLGA4	0.174312	0.930634	0.965651	-1.03557	0.656642	0.835582	-1.19677	0.873498	1.06606	1.06606	0.524711	0.771985	-1.29536	0.0208475	0.327411	-3.05426	0.2759	1.57623	1.57623	0.0741969	2.22273	2.22273	0.247325	1.62517	1.62517	0.989086	1.00551	1.00551	1.98089	5.05655	2.26903	1
cg00782903	ACN3;ACCN3;ACCN3;ACCN3;ACCN3;A	0.174313	0.0948508	1.49241	1.49241	0.380156	0.821717	-1.21696	0.266859	1.287	1.287	0.398824	1.20733	1.20733	0.920104	0.978408	-1.02207	0.134873	1.42132	1.42132	0.021967	1.82107	1.82107	0.0993247	1.48176	1.48176	0.92763	1.02001	1.02001	1.98089	1.49258	0.669769	1
cg26646290	CCSC53	0.174315	0.0345418	0.495342	-2.01881	0.207501	2.50404	-1.14931	0.157894	0.477714	-2.0933	0.847516	0.910339	-1.09849	0.0790159	0.385123	-2.59658	0.0309045	0.359193	-2.78402	0.144167	0.2	2.29532	2.29532	0.95594	0.984055	-1.0162	0.6864511	0.915643	-1.09181	1.98089	2.615449	1.10143	1
cg27542466	SEMA4B	0.174318	0.84596	1.04719	1.04719	0.869268	1.03983	1.03983	0.607361	1.13075	1.13075	0.173521	1.40961	1.40961	0.303538	0.776739	-1.28743	0.454686	1.19787	1.19787	0.0116521	0.473567	-2.11163	0.767696	0.932181	-1.07275	0.353381	1.25406	1.25406	1.98086	1.7634	0.791304	1
cg03579509	LOC286002;SLC26A4	0.174319	0.0881389	2.44479	2.44479	0.0434237	1.18718	1.18718	0.351968	0.68802	-1.45321	0.0668017	0.76556	-1.30647	0.0159346	0.37486	-2.66853	0.777239	0.869005	-1.15074	0.196807	1.98763	1.98763	0.0573896	2.28472	2.28472	0.0126855	2.729529	2.729529	1.98086	7.28729	3.44959	1
cg26899598	FES;FES;FES;FES /// CDK10;CDK10;CDK10;CDK10;CDK10;CD	0.17432	0.794393	1.12651	1.12653	0.250099	1.73027	1.73027	0.453673	1.14552	1.14552	0.078137	0.409752	-2.4405	0.0262767	0.300493	3.32786	0.661948	0.818159	-1.22226	0.343609	0.64079	-1.56057	0.588782	0.779595	-1.28272	0.269412	1.68989	1.68989	1.98085	1.52851	2.92962	1
cg27543607	K10	0.174323	0.715958	0.927917	-1.07768	0.75096	0.744846	-1.34256	0.351338	1.21698	1.21698	0.525244	1.14087	1.14087	0.0551841	0.640801	-1.56055	0.0565097	0.642738	-1.55584	0.0630779	0.651796	-1.53422	0.915875	0.9786	-1.02187	0.30142	0.803163	-1.24508	1.98083	1.3149	0.590055	1
cg07184988	KIFC1	0.174323	0.0508834	0.355665	-2.81164	0.178801	0.514862	-1.94227	0.100666	0.433549	-2.30654	0.430815	0.688164	-1.45314	0.0449628	0.343192	-2.91382	0.193363	0.52744	-1.89595	0.0620763	0.376684	-2.65473	0.683777	1.20966	1.20966	0.210087	0.541241	-1.8476	1.98083	6.777007	3.04118	1
cg04334422	ACCX3;ACCX3	0.174323	0.0100446	0.259113	-3.86013	0.0402341	0.221604	-4.51053	0.10004	0.165004	-6.06057	0.0418894	0.192753	-5.19152	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Test)	SS(Test)	SS(Error)	df
cg06074801	DSCAM	0.17440	0.157422	1.038533	-9.95392	1.075506	0.24205	-4.12704	0.163464	0.34455	1.090234	0.256215	0.427807	-2.3375	0.01844008	0.128853	-2.76227	0.133756	0.311742	-3.20778	0.0887736	0.260551	1.838802	0.143614	0.324388	-2.33897	1.97988	16.0949	7.22596	1
cg12043019	PIM3	0.17491	0.066183	0.272667	-3.66748	0.090695	3.23914	3.239314	0.05866723	0.84504	3.84504	0.32343	0.525652	-1.9024	0.478563	1.57505	1.57505	0.830504	0.873564	-1.14474	0.80663	0.856719	-1.16724	0.847638	0.885773	-1.12896	0.267195	2.0728	2.0728	1.79988	12.4686	5.59792	1
cg25769417	PAX7;PAX7;PAX7	0.17492	0.671714	0.724823	-1.37965	0.72211	0.763688	-1.30944	0.942372	1.0561	1.0561	0.718293	0.760715	-1.31455	0.367909	0.497457	-2.01022	0.106552	3.78264	3.78264	0.721612	1.3101	1.3101	0.00925092	12.1066	12.1066	0.447221	1.79472	1.79472	1.97887	17.8726	8.02412	1
cg19597762	CTDSP2	0.17501	0.180605	2.88374	2.88374	0.981385	1.01753	1.017753	0.9934426	0.9938881	-1.00656	0.235148	0.5268	2.52688	0.324585	2.13371	2.13371	0.474191	1.71984	1.71984	0.9190073	0.122369	-8.17201	0.189038	0.354606	-2.81953	0.837019	0.857747	-1.16585	0.17982	17.4016	7.81288	1
cg23438371	TMEM108;TMEM108	0.17507	0.265739	0.715775	-1.39709	0.998007	1.00072	1.000072	0.406966	0.783026	-1.2771	0.247861	0.41671	-2.41671	0.203742	0.679242	-1.47223	0.682421	1.25194	1.25194	0.646534	1.93018	1.93018	0.936792	0.977391	-1.02313	0.0596985	0.541891	-1.84539	1.97979	2.60676	1.17039	1
cg19906333	RPS7	0.17509	0.666447	1.43913	1.43913	0.551088	0.604481	-1.65431	0.676756	1.43896	1.43896	0.01176303	0.07236592	-13.818	0.68739	1.45162	1.45162	0.042133	0.14168	-7.05817	0.6685571	0.698047	-1.43257	0.784026	1.24407	1.24407	0.834856	0.840096	-1.19034	1.97977	21.8425	9.80804	1
cg00980538	LOC550112;UBA6	0.17514	0.422228	0.837805	-1.1936	0.942986	1.01556	1.015556	0.9144417	1.02348	1.02348	0.543187	0.875596	-1.14208	0.532943	0.872557	-1.14606	0.403635	0.831534	-1.2026	0.00829841	0.482642	-2.07193	0.179581	1.36031	1.36031	0.546199	1.14092	1.14092	1.97975	1.46112	0.65603	1
cg16378546	RNF12;RNF12	0.17518	0.099416	0.19483	-4.23757	0.512962	0.669588	-1.49346	0.1877	0.4139	2.41539	0.153132	0.313485	-3.18881	0.040867	0.240266	-4.16552	0.315029	0.533665	-1.87384	0.1342	0.329196	0.048426	0.115114	0.325202	-3.07501	0.0569362	0.271892	-3.67792	1.97973	11.458	5.14458	1
cg24262325	CZCD2;CZCD2	0.17519	0.118707	0.511774	-1.95399	0.374662	0.697389	-1.43392	0.081532	0.465977	-2.14603	0.917953	0.960064	-1.0416	0.138128	0.531804	1.88039	0.224774	0.603909	-1.65588	0.0134862	0.298289	-3.35246	0.807446	1.1014	1.1014	0.724812	0.627114	1.59461	1.97972	4.90516	2.2024	1
cg05934698	HNF1A	0.17452	0.0168943	0.563032	-1.78243	0.218605	1.29255	1.29255	0.396373	0.841774	-1.18797	0.158106	1.34887	1.34887	0.999856	1.00004	1.00004	0.291231	0.804768	-1.24259	0.429309	0.852134	-1.17352	0.542956	0.88504	-1.12989	0.685381	1.08413	1.08413	1.97971	1.2332	0.553706	1
cg23084986	RAB42	0.17521	0.290381	0.687567	-1.45466	0.772007	0.988326	-1.01181	0.277513	0.636733	-1.47771	0.611628	1.9937	1.9937	0.529726	0.918842	-1.22423	0.306616	1.44192	1.44192	0.6524809	0.489177	2.04425	0.945132	1.1048	1.1048	0.105466	0.542495	1.84333	1.97971	3.74872	1.68318	1
cg03682690	SYNGR1;SYNGR1;SYNGR1	0.17524	0.846522	1.12802	1.12802	0.117008	0.70849	1.08649	0.0616332	0.37002	3.70102	0.870344	1.10688	1.10688	0.492432	0.648839	-1.54121	0.70568	1.19934	1.19934	0.40504	0.588544	-1.69824	0.676595	0.770464	-1.29792	0.597193	1.39307	1.39307	1.9797	12.1161	5.44015	1
cg14350701	NACC2	0.17532	0.721907	1.0666	1.0666	0.0285878	1.15981	1.159811	0.2806764	1.27154	1.27154	0.968578	0.992918	-1.00713	0.0740866	1.43215	1.43215	1.55581	0.569367	0.995451	-1.00932	0.858803	1.03455	1.03455	1.03456	1.03456	0.792665	1.02055	0.458242	1
cg09314225	MORN1	0.17548	0.658216	0.941357	-1.06004	0.31666	0.878309	-1.13855	0.0601917	1.32001	1.32001	0.908565	1.01516	1.01516	0.263155	1.16508	1.16508	0.310962	1.14717	1.14717	0.0217988	1.43415	1.43415	0.254814	1.1685	1.1685	0.624054	0.937351	-1.06884	1.97961	0.537829	0.241497	1
cg07440958	CNR1;CNR1;CNR1;CNR1;CNR1;CNR1	0.17539	0.976042	0.991301	-1.00878	0.530602	1.01203	1.203	0.0939731	1.70883	1.70883	0.935401	1.02387	1.02387	0.895705	0.960386	-1.04125	0.741264	1.10121	1.10121	0.0319483	2.2055	2.2055	0.0155024	2.38623	2.38623	0.566437	1.18367	1.18367	1.97961	2.65423	1.19181	1
cg03077953	CYGB;PHC0	0.17539	0.352577	0.877882	-1.1391	0.0856569	0.753901	-1.32643	0.709865	1.05712	1.05712	0.693409	1.06099	1.06099	0.0806945	0.943554	-1.06035	0.679453	0.90426	-1.10595	0.2221003	1.21084	1.21084	0.907322	1.01747	1.01747	0.0506211	1.19267	1.19267	1.97961	0.649291	0.313304	1
cg03960100	C16orf79;PGP	0.17454	0.0887935	0.354691	-2.81935	0.758855	0.843646	-1.18533	0.676663	1.26058	1.26058	0.390865	0.615415	-1.62492	0.03708333	0.262724	-3.80627	0.21937	0.490081	-2.04048	0.0785749	0.340004	-2.94114	0.04304555	0.276516	-3.61643	0.227235	0.4966	-2.01369	1.97996	9.55913	4.29228	1
cg13435241	UBC8A;UBC8A;LRRC8A	0.17454	0.842822	0.937939	-1.06617	0.262049	1.45855	1.458551	0.5803801	1.19752	1.19752	0.20198	0.54467	1.54467	0.697805	1.1342	1.1342	0.339555	1.32936	1.32936	0.04826	2.07384	2.07384	0.627322	1.17521	1.17521	0.71796	0.32567	1.46637	1
cg24413349	AIM1	0.17454	0.725321	1.0933	1.0933	0.167213	1.69538	1.695538	0.4095538	0.7452015	1.35074	1.35074	0.725528	0.71862	-1.39156	0.5136398	-1.86429	0.999255	1.00088	1.00088	0.807709	0.795664	-1.25681	0.00618179	28.4279	28.4279	0.813855	1.24746	1.97959	27.5709	12.3711	1
cg10698654	TAP2;TAP2	0.17546	0.971686	0.956315	-1.04568	0.698436	0.612637	-1.63229	0.581976	0.4967132	-2.01323	0.896632	1.17773	1.17773	0.474015	0.399953	-2.5003	0.61887	0.531979	-1.87977	0.770833	1.44426	1.44426	0.190934	5.71355	5.71355	0.006284	0.011331	-88.2532	1.97957	49.6599	22.2988	1
cg26872049	CPSF1	0.17455	0.895691	0.965702	-1.03553	0.319363	0.9553	1.045533	0.3206	1.32606	1.32606	0.604653	1.32606	1.32606	0.628834	1.59024	-1.16924	0.102879	0.622028	-1.60756	0.0953807	1.0014	1.0014	0.418497	1.24602	1.24602	0.0954992	0.614304	-1.62786	1.97957	2.21943	0.996094	1
cg08230322	C2orf72	0.17455	0.229292	0.814429	-1.22785	0.347518	0.854372	-1.17045	0.680732	1.06964	1.06964	0.508448	0.896868	-1.11522	0.206311	1.24222	1.24222	0.646316	1.07808	1.07808	0.332834	0.849974	-1.17651	0.839215	1.03361	1.03361	0.01472	1.62989	1.62989	1.97954	0.8300661	0.337278	1
cg12105183	GBP6	0.17553	0.172212	1.932823	1.932823	0.102072	2.24563	2.245631	0.0855999	1.10909	1.10909	0.130667	2.08476	2.08476	0.107463	0.453153	-2.22101	0.0962934	2.7304	2.7304	0.0176403	1.39876	1.39876	0.143453	2.02912	2.02912	0.187379	1.87556	1.87556	1.97951	6.35112	2.83183	1
cg13450427	RNF6;RNF6;RNF6	0.17456	0.314565	0.3473	1.3473	0.028147	0.475615	-2.10254	0.153585	0.645355	-1.54953	0.364499	1.30617	1.30617	0.257201	0.712522	1.40347	0.922017	1.02846	1.02846	0.745583	1.09781	1.09781	0.60542	1.86124	-1.16112	0.144058	1.56808	1.56808	1.97949	2.57583	1.15667	1
cg18769860	CATSPE4	0.17563	0.734581	1.06451	1.06457	0.808263	1.04571	1.045571	0.436126	0.864096	-1.15728	0.237147	1.25572	1.25572	0.657475	1.08551	1.08551	0.158656	0.758035	-1.3192	0.0271021	1.61773	1.61773	0.365298	1.41639	1.41639	0.218807	1.26844	1.26844	1.97947	1.05975	0.475886	1
cg14294975	ABO	0.17564	0.906383	0.97861	-1.02166	0.69767	0.977525	1.022753	0.5104408	0.859692	-1.16348	0.139948	1.25052	1.25052	0.793838	1.24948	1.24948	0.0940864	0.77287	-1.29371	0.0148672	1.66513	1.66513	0.0400595	1.01422	1.01422	0.871024	0.972234	1.02856	1.97945	0.941506	0.422791	1
cg10096351	PCDH9;PCDH9	0.17567	0.0438442	0.588748	-1.69852	7	?	0.0887766	0.650975	-1.53616	0.497971	0.854424	-1.17038	0.0624239	0.619048	-1.61538	0.56013	0.873953	-1.14423	0.797379	0.942864	-1.0606	0.232133	0.750844	-1.33183	0.0437796	0.588625	-1.69887	1.96259	1.46688	0.736168	1
cg09861871	ARFGAP1;ARFGAP3	0.17568	0.66353	0.819202	-1.49658	0.141755	4.28458	4.284582	0.0827181	0.521351	1.62101	0.0938796	0.455443	2.19744	0.454168	0.395387	-2.52743	0.0420208	8.60641	8.60641	0.0139534	0.233937	-4.27435	0.0199134	0.39397	-2.53937	0.175926	0.702109	-1.33314	0.97944	26.9294	13.7416	1
cg26315918	TMPRSS7;TMPRSS7	0.17569	0.888913	0.931933	-1.07304	0.428121	0.74274	-1.34432	0.417253	0.631398	-1.58379	0.144187	0.418876	-2.38734	0.0795008	0.334318	-2.99117	0.585707	0.736913	-1.35701	0.0236444	0.222834	-4.4756	0.585866	1.35683	1.35683	0.559396	0.720782	1.38738	1.97944	6.64404	4.33117	1
cg17817067	ANKH	0.17571	0.261823	0.400464	-2.4971	0.488245	0.576539	-1.73449	0.151306	0.300421	-3.32866	0.676304	1.38873	1.38873	0.0135875	0.0917913	-10.8943	0.665728	0.712592	-1.40331	0.0429356	0.166199	-6.18435	0.661013	0.708137	-1.41216	0.213241	0.358742	-2.78752	1.97942	19.1761	8.61129	1
cg07604117	SYNE1;SYNE1	0.17582	0.23706	0.496154	2.0153	0.496154	0.740553	-1.35103	0.0664789	0.324936	3.07781	0.0664789	0.324936	3.07781	0.0664789	0.324936	3.07781	0.237606	0.695395	-1.43788	0.0221	0.233425	-4.28341	0.0221	0.233425	-4.28341	0.0221	0.233425	-4.28341	0.0221	0.233425	-4.28341	1
cg08136954	TTC7B	0.17583	0.730869	1.15834	1.15834	0.0115696	0.83471	1.834471	0.03032	0.288985	2.88985	0.728791	1.15972	1.15972	0.936877	1.03429	1.03429	0.570824	1.27617	1.27617	0.233645	1.7016	1.7016	0.484649	1.353	1.353	0.633961	0.815292	1.12655	1.97933	5.58106	2.55128	1
cg14982506	KIAA1217;KIAA1217;KIAA1217	0.17584	0.12953	0.3792	2.63852	0.3792	0.158026	1.58026	0.0727	0.37897	2.63852	0.37897	0.158026	1.58026	0.0727	0.37897	2.63852	0.129535	0.377832	2.64702	0.0727	0.37897	2.63852	0.0727	0.37897	2.63852	0.0727	0.37897	2.63852	0.0727	0.37897	2.63852	1
cg09978460	ZNF766;MRPL52;MRPL52;MRPL52;MR	0.17591	0.308977	0.863716	-1.15779	0.60714	1.07483	1.074831	0.776561	0.961181	-1.04039	0.0542451	0.737886	-1.35522	0.189061	0.823983	1.21362	0.0397405	0.718311	1.39216	0.34444	1.14512	1.14512	0.20302	0.829453	-1.20561	0.413989	1.12322	1.12322	1.97931	0.606972	0.272585	1
cg02897882	PLS2;MIR5152	0.17591	0.661709	0.862637	-1.15924	0.18015	1.61232	1.612232	0.0572529	0.09367	2.09367	0.563544	0.80885	-1.23632	0.0308928	0.427171	2.34099	0.752716	1.1119	1.1119	0.324354	0.710651	-1.40716	0.948554	1.02185	1.02185	0.841564	1.06952	1.06952	1.97931	3.53062	1.58556	1
cg05756136	WARS2;WARS2	0.17592	0.309474	1.34386	1.34386	0.224618	0.698773	-1.43108	0.142162	0.641843	-1.55801	0.0873634	0.588404	-1.69951	0.0692468	0.564869	-1.77032	0.991927	0.997161	-1.00285	0.177864	1.49531	1.49531	0.44909	0.805129	-1.24204	0.206151	0.68748	-1.45459	1.97931	2.47524	1.11161	1
cg22997177	ATP6G2;ATP6G2	0.17595	0.970062	1.027727	1.027727	0.48673	1.484673	0.4467273	0.74895	1.74895	1.74895	0.768862	0.79825	-1.25394	0.2679	0.0188353	3.73328	-1.70583	0.614445	1.34929	1.34929	0.394561	1.86845	1.86845	1.86845	1.86845	0.0179933	2.79933	0.672579	2.83101	1.96101	1.22451	1
cg08946720	TPO;TPO;TPO;TPO	0.17597	0.731988	1.08107	1.08187	0.770469	0.935225	-1.06926	0.65502	1.10843	1.10843	0.674328	0.907788	-1.10158	0.0954852	1.5208	1.5208	0.98089	0.994532	-1.0055	0.994114	0.733188	-1.36391	0.0180963	0.518342	-1.92923	0.304088	1.27589	1.27589	1.97928	1.64255	0.737664	1
cg17297775	SMOC2;SMOC2	0.17599	0.45857	1.28335	1.28335	0.361409	0.733162	-1.36358	0.22902	1.5178	1.5178	0.161591	1.639	1.639	0.442923	1.2951	1.2951	0.0366882	2.2308	2.2308	0.492283	1.25927	1.25927	0.339089	0.722109	-1.385	0.131405	0.583718	-1.71316	1.97927	3.42502	1.53817	1
cg05804949	CTxF46;CTxF46;CTxF46	0.17604	0.115777	1.163312	1.163312	0.0136763	1.28576	1.285761	0.0133511	1.58244	1.58244	0.0193895	1.68496	1.68496	0.0127871	1.10371	1.10371	0.10947	1.12214	1.12214	0.319409	1.20956	1.20956	0.46477	1.1444	1.1444	0.569313	1.1099	1.1099	1.97926	1.03026	0.462689	1
cg19120496	PHF17;PHF17	0.17602	?	?	?	0.160999	0.6227	1.6227	0.765156	1.1039	1.1039	0.80941	1.04965	1.04965	0.816852	0.632494	1.58104	0.0420856	0.46843	-2.13245	0.730664	1.11821	1.11821	0.605152	0.512039	-1.95298	0.81016	0.925137	-1.08092	1.99239	2.93239	1.4718	1
cg11251234	CPN1	0.17603	0.477719	1.32956	1.32956	0.431397	0.943049	-1.06122	0.0747969	0.78655	1.78655	0.829753	0.93197	1.07348	0.899791	0.926803	-1.07941	0.888358	0.750545	-1.33232	0.0160615	0.598814	1.66997	0.0380609	2.58273	2.58273	0.00750	1.68947	1.68947	1.97924	0.941506	0.422791	1
cg15621297	MYPOP	0.17604	0.272614	0.62311	-1.60485	2.88555	0.633543	-1.57842	0.495949	0.750962	-1.33163	0.740898	0.871563	-1.14736	0.561321	0.784022	-1.27547	0.0155087	0.292315	-3.42096	?	?	?	0.125699	1.9867	1.9867	0.957911	1.0221	1.0221	1.99234	4.8136	2.41605	1
cg26941968	ADAMTS18	0.17608	0.66353	0.819202	-1.49658	0.141755	4.28458	4.284582	0.0827181	0.521351	1.62101	0.0938796	0.455443	2.19744	0.454168	0.395387	-2.52743	0.0420208	8.60641	8.60641	0.0139534	0.233937	-4.27435	0.0199134	0.39397	-2.53937	0.175926	0.702109	-1.33314	0.97944	26.9294	13.7416	1
cg26344605	PPAP2A;PPAP2A	0.17612	0.907159	0.96925	-1.03177	0.582424	0.795329	-1.25734	0.502575	0.631398	-1.58379	0.144187	0.418876	-2.38734	0.0795008	0.334318	-2.99117	0.247925	0.723701	-1.38179	0.587063	1.15813	1.15813	0.318936	1.3168	1.3168	0.259033	0.728505	-1.37267	1.97919	2.25468	1.00808	1
cg27333517	OTUD6B	0.17615	0.124444	1.37559	1.37559	0.814044	0.955837	-1.0462	0.14269	1.3526	1.3526	0.670788	0.921306	-1.08542	0.899491	0.976068	-1.02452	0.143584	1.35156	1.35156	0.0260959	0.602861	-1.65876	0.74902	1.06346	1.06346	0.731581	0.936608	-1.06768	1.97918	1.15185	0.517319	1
cg13470227	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.17615	0.33219	0.8464	-1.18126	0.197391	0.970551	-1.03092	0.0524581	0.270221	-3.70025	0.0148305	0.113773	8.77384	-1.20624	0.0470482	0.689815	0.0926052	0.681229	-1.46754	0.0125165	0.0752845	1.3283	0.0470482	0.689815	0.0926052	0.681229	-1.46754	0.0125165	0.0752845	1.3283	0.0470482	1
cg02006621	HCN4	0.17462	0.0720764	0.24126	2.41126	0.318227	1.57187	1.57187	0.687823	0.837711	-1.19373	0.986055	0.992368	-1.00769	0.367339	0.666328	1.50076	0.442479	0.40961	1.40961	0.522621	0.752719	-1.32852	0.0199828	0.466328	3.42555	0.174564	1.88011	1.88011	1.97915	0.62441	2.70573	1
cg02479123	CD7	0.17462	0.972476	1.00722	1.00722	0.424665	0.907402	-1.10202	0.3141301	0.885794	-1.12915	0.429199	1.18608	1.18608	0.151005	0.725478	-1.3784	0.980072	1.00522	1.00522	0.0220198	1.76981	1.76981	0.41479	0.840453	-1.18986	0.154237	0.727564	-1.37445	1.97915	1.36317	0.612239	1
cg04855678	OSTalpha	0.17462	0.649651	1.44539	1.44539	0.0282526	0.85713	0.857133	0.4548258	0.648416	-1.54249	0.612466	0.612466	-1.63274	0.03373789	0.142846	-7.00055	0.763771	1.2748	1.2748	0.0443757	1.18571	1.18571	0.4430662	1.92161	1.19161	0.962744	0.963073	-1.03834	1.97913	20.339	10.3498	1
cg21226717	GPR83	0.17463	0.112574	0.467389	-2.15615	0.0654931	0.398703	-2.50813	0.0838541	2.34179	2.34179	0.190357	1.85308	1.85308	0.497857	0.736311	-1.35812	0.748117	0.866486	-1.15409	0.247808	0.584251	-1.71159	0.335248	0.642752	-1.55581	0.868865	0.92914	-1.07626	1.97909	6.20131	2.78526	1
cg05707781	LPP;LPP;LPP	0.17463	0.641169	1.19056	1.19056	0.0174247	1.74253	1.74253	0.0883593	0.634624	-1.57604	0.0966315	0.634624	-1.57604	0.0966315	0.634624	-1.57604	0.0966315	0.634624	-1.57604	0.0966315	0.634624	-1.57604	0.0966315	0.634624	-1.57604	0.0966315	0.634624	-1.57604	0.0966315	0.634624	-1.57604	0.0966315	1
cg08167560	KCNK10;KCNK10;KCNK10	0.17463	0.251439	0.693482	-1.442	0.0732307	0.5432	-1.84094	0.216454	0.672111	-1.48785	0.594068	1.1786	1.1786	0.0324671	0.465436	-2.14852	0.442588	1.27019	1.27019	0.297716	1.39066	1.39066	0.690708	0.884991	-1.12995	0.223429	0.676539	-1.47811	1.97908	2.92508	1.31378	1
cg10925521	CPE	0.17463	0.136163	0.373808	-2.67517	0.781799	1.18548	1.18548	0.323624	0.86773	1.86773	0.671151	0.769738	-1.29914	0.0705027	0.293779	-3.40491	0.358809	0.558756	1.78969	0.0648428	0.286574	-3.4885	0.0934348	0.222109	-4.50429	0.645686	0.752099	-1.32802	1.97906	0.917703	5.3265	1
cg03153884	GLOD4	0.17637	0.0772578	0.303671	-3.29304	0.223572	0.460314	-2.17243	0.376091	0.576299	-1.73521	0.654244	1.31458	1.31458	0.021431	0.186961	-5.3471	0.100808	0.336062	-2.97637	0.0106046	0.442615	-2.29637	0.106046	0.342565	-2.91839	0.97905	1.51585	1.5185	1.97905	0.5385	0.272	1
cg06286521	C10orf11	0.17642	0.187935	0.416463	-2.40117	0.0190088	0.168202	-5.94524	0.196843	0.424605	-2.35553	0.993721	0.995074	-1.00495	0.41823	0.594939	-1.68084	0.283814	0.49707	-2.01179	0.0307034	0.203211	-4.921	0.108898	0.133661	-2.99706	0.520217	0.664187	-1.5056	1.97902	12.3527	5.54827	1
cg16696002	DNM3;DNM3	0.17643	0.141903	0.3552	-2.81456	0.80729	0.709053	-1.40953	0.153704	0.354435	-2.82103	0.0970704	0.276001	3.61972	0.0178972	0.276001	-3.62312	0.0741405	0.6964	-1.43605	0.0151594	0.129776	1.20776	0.140602	0.611584	1.90395	1.90395	0.226304	0.435856	2.29434	0.87902	1.13918	0.5215	1
cg05226506	INSIG2	0.17646	0.344936	0.910053	-1.09884	0.656496	1.2216	1.2216	0.0359203	0.789413	-1.26676	0.416031	1.08388	1.08388	0.616144	0.952206	-1.05019	0.427521	1.08165	1.08165	0.218435	0.882123	-1.13363	0.446063	1.07816	1.07816	0.807707	0.976651	-1.02391	1.979	0.294241	0.132161	1
cg02863842	PVRL2;PVRL2;PVRL2;PVRL2	0.17647	0.0826382	0.3125	-3.19956	0.0812524	0.25342	-3.94524	0.0962236	0.198184	-5.04521	0.0218152	0.091858	-10.8181	0.0275183	0.11322	-8.83197	0.270153	0.11467	-8.72126	0.0116432	0.125432	-7.97325	0.0116432	0.125432	-7.97325	0.0116432	0.125432	-7.97325	0.0116432	0.125432	-7.97325	0.0116432	1
cg24826812	DDX26B;DDX26B 2BTB20;2BTB20;2BTB20;2BTB2 0;2BTB20	0.17652	0.148195	0.148315	-6.74242	0.263786	0.238535	-4.19226	0.416513	0.35999	-2.77786	0.138464	7.10912	7.10912	0.34007	3.3526	3.3526	0.0682857	0.0811401	-12.3244	?	?	?	0.331309	3.43238	3.43238	0.509548	2.2777	2.2777	1.9921	42.4546	21.3115	1
cg04564000	2;2BTB20	0.17653	0.723824	1.3361	1.3361	0.403666	2.00963	2.009631	0.387648	-2.57966	0.852641	1.164	1.164	0.168368	1.01926	1.01926	0.160605	0.3408	3.3408	0.514239	0.583401	-1.71409	0.0110413	13.5095	13.5095	0.205425	2.97739	2.97739	1.97896	20.9058	9.39026	1
cg04872689	PLEK;PLEK	0.17658	0.793616	1.09756	1.09756	0.195142	1.62663	1.626631	0.302613	0.684454	-1.46102	0.638013	0.842047	-1.18758	0.106939	0.535341	-1.86797	0.186329	1.64448	1.64448	0.123131	1.80944	1.80944	0.300819	1.61559	1.61559	0.168598	0.594018	-1.68345	1.97893	3.95083	1.77462	1
cg04959156	VAR5	0.17659	0.290153	1.0462	1.0462	0.0337207	0.606612	-1.64933	0.2233	0.720908	-1.3871	0.102428	1.48612	1.48612	0.0107102	0.672683	-1.48716	0.130225	1.13445	1.13445	0.684633	1.06108	1.06108	0.32513	1.13881	1.13881

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
cg10706553	C19orf52;YIPF2;C19orf52	0.174851	0.540231	0.742925	-1.34601	0.70529	1.19967	1.19967	0.534299	1.35196	0.613935	1.25496	1.25496	0.842716	0.909205	-1.09986	0.167465	0.494111	-2.02384	0.0080891	0.136918	-5.07827	0.370981	0.50279	-1.98897	0.727542	-1.18627	1.97782	7.19094	3.23181	1
cg06526681	TSPYL4;TSPY14	0.174856	0.444666	0.701418	-1.42568	0.517266	1.34828	1.34828	0.264197	3.3137	0.31993	1.2775	1.2775	0.298005	0.612	-1.63399	0.606346	0.789322	-1.26691	0.0482268	0.357905	-2.79404	0.668758	1.2164	1.2164	0.780192	1.1358	1.97781	6.48808	2.91639	1
cg16722792	TICAM1	0.174859	0.158233	0.738802	-1.35354	0.178296	0.750504	-1.33244	0.400991	0.844433	-1.18423	0.791322	0.948374	-1.05466	0.375888	1.20006	1.20006		0.355873	1.20995	1.20995	0.0803339	0.677532	-1.47595	0.0457047	0.631456	-1.58364	0.161789	1.20698	1.20698	1.97779	1.2615	0.566961	1
cg12157045	PIP5K1B	0.174861	0.142883	1.63121	1.63121	0.0381973	2.10936	2.10936	0.453067	1.78861	-1.26805	2.03126	1.51781	1.51781	1.56197	1.20512	1.20512		0.633309	0.861286	-1.16119	0.0979754	0.568937	-1.75766	0.459911	0.791545	-1.26335	0.45928	1.26378	1.26378	1.97779	1.02371	1.35896	1
cg20178966	CDGAP	0.174863	0.083672	1.40917	1.40917	0.541881	0.85157	-1.11711	0.202516	0.785791	-1.2726	0.36286	0.845728	-1.18241	0.464139	0.685604	-1.45857		0.453421	1.14664	1.14664	0.209981	1.26707	0.6474709	1.08593	0.885931	0.239912	0.80214	-1.24667	1.97777	1.00551	0.451915	1
cg02092449	DNAH17	0.174867	0.582186	0.889898	-1.12372	0.157861	0.72834	-1.37299	0.348229	0.836495	-1.22475	0.811952	0.951199	-1.05153	0.222294	0.763953	-1.30898		0.356267	0.819398	-1.22041	0.335525	1.2318	1.2318	0.0199763	1.80306	0.183003	0.620381	1.97777	1.38013	0.620381	1
cg05796338	PIAS2;PIAS2	0.17487	0.380314	0.764948	-1.30728	0.0839144	1.76732	1.76732	0.0488346	1.95392	1.95392	0.157007	0.637212	-1.56934	0.439793	0.790894	-1.26439		0.833671	0.939309	-1.06461	0.219191	0.680634	-1.46922	0.82378	1.06866	1.06866	0.365205	1.31919	1.31919	1.97773	2.77681	1.24803	1
cg10240950	C12orf76	0.174875	0.0381568	4.22608	4.22608	0.0383182	1.95606	1.39506	0.734552	1.22646	1.22646	0.427441	0.615095	-1.62576	0.188456	0.419526	-2.38669		0.6600041	1.57023	3.57063	0.290162	1.92209	1.92209	0.139076	2.59856	2.59856	0.534421	1.45847	1.45847	1.97771	11.2684	5.604645	1
cg08064228	ZNF423	0.174877	0.720683	0.916661	-1.09002	0.0409629	1.77131	1.77131	0.997058	0.999107	-1.00088	0.831064	0.945038	1.06243	0.998083	-1.0012			0.546763	0.862842	-1.15901	0.017701	2.02446	2.02446	0.490488	0.84387	-1.18502	0.536958	0.859393	1.16361	1.97769	1.83898	0.826991	1
cg04230594	EFCAB7;DLEU2L	0.17488	0.230376	0.72533	-1.37868	0.0504362	0.566076	-1.76655	0.0307483	0.523319	-1.91088	0.59947	0.873507	-1.14481	0.0486286	0.562812	-1.77679		0.788959	0.933826	-1.07086	0.49862	1.19161	1.19161	0.236805	0.728823	-1.37208	0.776406	0.92991	-1.07537	1.97768	2.04002	0.916908	1
cg06604670	137	0.174882	0.508737	0.826548	-1.20985	0.0177843	0.440928	-2.26794	0.131179	1.58803	0.219579	0.692012	-1.44319	0.431437	0.795982	-1.25631			0.241604	0.705878	-1.41668	0.95681	0.984728	-1.01551	0.416947	1.26585	1.26585	0.758387	1.09164	1.09164	1.97767	2.52935	1.13685	1
cg00628796	CHRNA4	0.174882	0.84102	1.06728	1.06728	0.888144	1.04669	1.04669	0.935947	0.4518822	-1.21336	0.384451	0.725388	-1.37895	0.609198	0.880936	-1.14247		0.614564	1.17805	1.17805	0.0313388	0.672733	-1.48705	0.0468071	0.640745	0.872278	1.05111	1.05111	1.97766	3.29244	1.47984	1
cg18577128	MAST2	0.174884	0.0384533	1.51141	1.51141	0.339439	0.8443562	-1.18545	0.587178	1.10091	1.10091	0.995538	1.00097	1.00097	0.951408	0.980525	-1.01059		0.669734	0.928549	-1.07695	0.0259117	0.633235	-1.57915	0.525382	1.11761	1.11761	0.520371	1.11916	1.11916	1.97766	0.935088	0.42029	1
cg13870990	DSC2;DSC2	0.174888	0.094015	2.82034	2.82034	0.437119	0.639333	-1.56266	0.241968	1.99303	1.99303	0.347558	1.72401	1.72401	0.190306	0.614944	-1.62617		0.898435	0.936164	-1.07456	0.104076	2.7203	2.7203	0.0245203	3.64564	0.111517	2.6541	2.6541	1.97763	9.9325	4.46437	1
cg12358000	NINL	0.174889	0.1559169	0.802097	-1.64936	0.477922	1.78657	1.78657	0.0192564	1.72712	1.6162	0.0382952	-1.24556	0.514982	0.0382952	-1.24556	0.513888	0.802334	-1.24627		0.763953	-1.30898		0.356267	0.819398	-1.22041	0.335525	1.2318	1.2318	0.0397763	1.80306	1.80306	0.561745	0.884122	-1.13107	1.97775	1.38033	0.620381	1
cg04231590	TNNI3K;TNNI3K	0.174892	0.891053	1.04786	1.04786	0.866148	1.05923	1.05923	0.634328	0.8492044	-1.17757	0.948671	0.978278	-1.0222	0.343097	0.716643	-1.3954		0.285212	1.46031	1.46031	0.0110251	0.336988	-2.96746	0.303181	1.4388	1.4388	0.181198	0.616172	-1.62292	1.97761	3.64464	1.63818	1
cg14338062	MAK5	0.174897	0.13204	0.565166	-1.76939	0.0833181	1.2081	1.2081	0.460239	0.7680258	-1.30204	0.953952	0.979932	-1.02048	0.578247	1.21792	1.21792		0.0973154	1.89407	1.89407	0.0447161	0.445124	-2.24555	0.899846	0.950762	-1.04519	0.07447	0.497273	-2.00896	1.97758	3.8597	1.73487	1
cg02054431	SNORA38;BAT2	0.174902	0.778153	1.0219	1.0219	0.190504	0.9346195	1.63149	1.63149	0.0139054	2.1345	0.242941	1.5234	1.5234	0.574863	0.950165	-1.07511		0.999844	0.999941	-1.00006	0.0793883	0.511275	-1.95589	0.474927	0.778562	-1.28442	0.0457881	2.20073	2.20073	1.97753	1.67072	1
cg18901278	TMC8;TMC6	0.174903	0.146183	1.92912	1.92912	0.0158721	3.47052	3.47052	0.0564482	2.48358	2.48358	0.676	1.19368	1.19368	0.42964	0.712061	-1.40437		0.162614	1.87363	1.87363	0.800803	1.11237	1.11237	0.386014	1.454	1.454	0.580085	1.2654	1.2654	1.97755	5.55671	2.49769	1
cg05174710	RUNX1;RUNX1	0.174905	0.882481	0.963014	-1.03836	0.0148395	1.21759	1.21759	0.24463	1.36331	1.36331	0.185171	0.953494	-1.04907	0.476382	1.20039	1.20039		0.996642	1.00107	1.00107	0.050735	1.76202	1.76202	0.0178139	1.454	1.454	0.164053	1.45917	1.45917	1.97754	2.0282	0.911659	1
cg24097238	MMP2;MBNL2	0.174905	0.92038	1.03654	1.03654	0.2336488	0.7795209	-2.63786	0.5114	0.787344	-1.27009	0.177073	1.67369	1.67369	0.207561	1.61133	1.61133		0.112111	1.86083	1.86083	0.864941	1.06302	1.06302	0.500484	0.782321	-1.27825	0.889841	1.05101	1.05101	1.97753	4.03059	1.81415	1
cg06510007	PCDH21	0.174907	0.189809	0.737152	-1.35639	0.179858	0.631929	-1.58245	0.0766802	1.03662	1.03662	0.222155	0.592167	-1.68871	0.827552	1.07922	1.07922		0.007916	0.814314	0.857753	0.0275102	0.42054	1.42054	0.0108258	0.734042	-1.36232	0.0706097	0.856048	-1.16693	1.97753	5.21215	2.43983	1
cg05265526	C1orf226	0.174907	0.227336	0.746122	-1.34026	0.0180756	1.94164	1.94164	0.221032	1.3462	1.3462	0.402543	0.8204	-1.21892	0.319664	0.788488	1.26825		0.538111	1.15494	1.15494	0.583401	1.13653	1.13653	0.888628	1.03291	1.03291	0.305967	0.782755	-1.27754	1.97752	1.67244	0.751753	1
cg19624765	GPR97;L1TMEM69	0.174907	0.329219	0.834208	-1.19874	0.959198	1.00925	1.00925	0.935926	1.48489	-1.48379	0.671095	1.07993	1.07993	0.428864	1.15649	1.15649		0.569406	0.901667	-1.10906	0.989895	1.00228	1.00228	0.543447	1.11708	1.11708	0.0132612	1.73763	1.73763	1.97752	1.01497	0.456224	1
cg21181102	LAMC3	0.174908	0.5686	1.19234	1.19234	0.0195212	2.26227	2.26227	0.0164507	2.1457635	2.1457635	0.0205449	1.44744	1.44744	0.242299	1.25408	1.25408		0.257306	1.45351	1.45351	0.270006	1.43082	1.43082	0.0477332	1.2048	1.2048	0.331127	0.735972	1.35885	1.97752	2.92875	1.31647	1
cg19103000	TTLL3	0.174909	0.587988	0.834678	-1.19807	0.657916	0.863101	-1.15861	0.855691	1.06199	1.06199	0.103536	1.80073	1.80073	0.0137574	0.365607	-2.73518		0.352108	0.728801	-1.37212	0.324173	1.39988	1.39988	0.791712	1.09138	1.09138	0.557187	0.821896	-1.2167	1.97751	3.4184	1.53657	1
cg00097356	ZFP36L2;LOC100129726	0.174911	0.379358	0.861453	-1.16088	0.650884	0.831511	1.13511	0.553405	0.9004056	-1.11005	0.94614	0.910134	1.10134	0.5104	1.1842	1.1842		0.485169	0.889278	-1.12451	0.0884246	0.575793	-1.73674	0.0178264	0.322455	-3.10144	0.0322975	0.5	2	1.97751	0.850979	0.385213	1
cg17848389	RASA3	0.174917	0.458375	0.815756	-1.22586	0.48578	0.82612	-1.21048	0.527777	1.19035	1.19035	0.16215	0.668631	-1.49559	0.349055	0.771062	-1.29691		0.757595	0.918097	-1.08708	0.0659117	0.573258	-1.74442	0.0357649	0.93271	1.93271	0.514046	1.19538	1.19538	1.97747	2.27794	1.02395	1
cg13318291	SHC2	0.174918	0.211083	2.04392	2.04392	0.0381104	3.68449	3.68449	0.217054	2.02314	2.02314	0.122986	2.47591	2.47591	0.244702	1.93527	1.93527		0.260496	1.89032	1.89032	0.0155332	5.0039	5.0039	0.241797	1.94392	1.94392	0.7919992	1.15419	1.15419	1.97746	9.21881	4.14395	1
cg12020496	C20orf117;C20orf117	0.174918	0.719482	1.08241	1.08241	0.642726	1.54564	1.54564	0.0481382	2.17197	2.17197	0.170588	2.2185	2.2185	0.0911206	1.77218	1.77218		0.734947	1.19622	1.19622	0.2779	1.83936	1.83936	0.0178551	1.3108	1.3108	0.0828284	2.75309	2.75309	1.97746	3.76042	1.59363	1
cg10192893	PHOX2B	0.17492	0.0535466	64.2661	64.2661	0.350158	2.20891	2.20891	0.111099	26.9679	26.9679	0.523656	3.41151	3.41151	0.852934	1.42241	1.42241		0.140335	20.3288	20.3288	0.163944	16.1301	16.1301	0.0146107	300.233	300.233	0.224076	11.3031	11.3031	1.97745	112.911	50.7549	1
cg13688115	PHYHIPL;PHYHIPL	0.174923	0.604214	1.06959	1.06959	0.841159	0.0745361	-1.02614	0.0599585	1.31401	1.31401	0.312706	1.0639	1.0639	0.340063	1.31497	1.31497		0.675294	1.09109	1.09109	0.515237	0.802276	-1.24645	0.217357	1.11642	1.11642	0.0074611	1.98863	1.98863	1.97745	0.504205	0.232984	1
cg02730190	FAM71A;FAM171A2;FAM172A;FAM172	0.174921	0.118557	0.692008	-2.22176	0.763335	0.86734	-1.15295	0.141855	2.16502	2.10502	0.0185694	0.775515	-1.22917	0.177806	0.509202	-1.96351		0.232103	0.55315	-1.80783	0.0315155	0.306907	-3.25831	0.208027	0.534983	-1.86932	0.589781	1.20243	1.20243	1.97745	0.95595	0.43279	1
cg16040838	MFN2;MFN2	0.174925	0.364877	0.693082	-1.44253	0.923366	0.964239	-1.03709	0.328304	1.46504	1.46504	0.814428	0.915509	1.09268	0.242264	1.361743	-2.62934		0.588551	0.813205	-1.22952	0.106013	0.527777	-1.95017	0.229928	1.61082	1.61082	0.2775244	1.53329	1.53329	1.97742	4.48616	2.01662	1
cg13874979	KLHL29	0.174926	0.450322	1.15225	1.15225	0.656865	0.920924	-1.08587	0.552125	1.1172	1.1172	0.961082	1.00903	1.00903	0.0935498	1.40468	1.40468		0.507241	1.13197	1.13197	0.0140049	1.74897	1.74897	0.877459	0.971972	-1.02884	0.1693956	0.763577	-1.30963	1.97742	1.06311	0.477889	1
cg06092285	MCRS1	0.174929	0.874744	1.04889	1.04889	0.886208	0.99727	1.01289	0.993485	1.10136	1.10136	0.647232	0.832113	1.20155	0.0495814	1.20155	1.20155		0.998197	1.00084	1.00084	0.9855	1.00357	1.00357	0.9884	1.00855	1.00855	0.9774	1.11003	1.11003	0.399171	1.08655	1.08655	0.7224	0.8529	1.97742	0.113695	1
cg17112155	HCK	0.174933	0.106834	0.762606	-1.67519	0.830585	0.814183	-1.22823	0.540363	1.84271	1.84271	0.156305	0.556109	-1.79821	0.796151	0.774696	-1.29083		0.4521	1.46813	1.46813	2.12851	0.165106	4.30658	0.438262	0.09982	10.6687	0.116087	0.114907	5.4223	5.4223	1.97738	30.4535	13.6897	1
cg14529891	RAP1GAP;RAP1GAP;RAP1GAP	0.174935	0.503558	0.860394	-1.16226	0.777491	0.939172	-1.06477	0.153331	0.7127088	-1.4031	0.0658901	1.57949	1.57949	0.269125	0.774969	-1.29037		0.859391	1.04006	1.04006	0.0516567	1.63331	1.63331	0.811245	0.948383	-1.05443	0.204339	1.34542	1.34542	1.97737	1.53663	0.690765	1
cg04224340	HAPLN3	0.174937	0.162617	1.35882	1.35882	0.184964	0.742032	-1.27583	0.151311	0.3898485	-2.56512	0.0544616	0.509799	1.96178	0.0155555	2.0994	2.0994		0.267075	1.49245	1.49245	0.0756454	0.160228	6.24194	0.0178955	0.129933	-3.03094	0.0178955	0.125	8	1.97737	15.7545	6.28401	1
cg13527630	NAAA;NAAA	0.174937	0.0176046	0.152977	-6.53695	0.955792	0.964605	-1.03669	?	?	?	0.616097	0.719917	-1.38905	0.201572	0.416168	-2.40288		0.602766	0.710834	-1.4068	?	?	?	?	?	2.05112	0.762625	0.594896	1	
cg25424402	IVNS1ABP	0.174942	0.467644	1.13821	1.13821	0.5128	1.66649	1.66649	0.873877	0.9712411	-1.02961	0.3042715	1.21575	1.21575	0.360268	1.18447	1.18447		0.180395	1.27842	1.27842	0.0853797	1.41785	1.41785	0.0867205	1.29482	1.29482	0.0853797	1.41785	1.41785	1.97735	3.04751	1.28785	1
cg00533527	SPATA2L	0.174946	0.147	0.475392	-2.10353	0.638979	1.25251	1.25251	0.444276	1.45155	1.45155	0.895478	0.939129	-1.06482	0.0684455	0.377326	-2.65023		0.0940052	0.414877	-2.41035	0.239623	0.555243	-1.80101	0.0186937	0.318546	-3.13927	0.210181	0.532092	-1.87937	1.9773	7.14923	3.21391	1
cg22506801	GRID2	0.174949	0.656377	1.11781	1.11781	0.560894	0.853511	1.13511	0.552861	0.8102616	1.02616	0.864266	0.94139	1.04139	0.114859	1.50144	1.50144		0.0270885	2.28126	2.28126	0.0136501	1.04596	1.04596	0.565164	0.872148	-1.14778	0.87229	1.17955	0.791004	1			
cg12376369	SMOC2;SMOC2	0.174957	0.474323	0.857455	-1.16623	0.577311	0.994007	1.00603	0.74618	0.9334481	-1.07126	0.538438	1.5407	1.5407	0.11998	1.42834	1.42834		0.273168	1.27256	1.27256	0.0131222	1.9158	1.9158	0.383137	0.827159	-1.20896	0.250343	1.2802	1.2802	1.97728	1.3989	0.628877	1
cg15337055	FOS	0.17495	0.185409	0.77302	-1.29363	0.152586	1.3243	1.3243	0.313736	1.21047	1.21047	0.592536	0.90571	-1.10411	0.800171	1.0476	1.0476		0.580906	1.10763	1.10763	0.0598836	0.67759	-1.47582	0.644011	1.08905	1.08905	0.0612285	1.47209	1.47209	1.97728	1.05251	0.473159	1
cg12003463	KLANK1;ANK1;ANK1;ANK1;ANK1;AN	0.174956	0.142134	0.582983	-1.71532	0.880715	1.04858	1.0485	0.0389	0.4415156	-2.26493	0.0761488	0.50929	-1.96352	0.0424757	0.449843	-2.223		0.369718	0.729802	-1.37023	0.198762	0.628551	-1.59096	0.58702	0.829009	-1.20626	0.0821712	0.517646	-1.93182	1.97725	3.6612	1.64592	1
cg26520942	TBL1TBX1;TBX1	0.174959	0.0720218	1.47134	1.47134	0.606929	0.912351	-1.0961	0.723175	0.7736814	-1.29856	0.0456965	5.38079	5.38079	0.906035	0.916916	-1.09061		0.26208	0.423581	2.36082	0.0165122	0.330479	-3.02591	0.0155665	2.99845	2.99845	0.850293	0.870404	-1.14889	1.9773	16.8972	7.59617	1
cg14253635	PRKX	0.174961	0.958185	0.985043	-1.01518	0.667916	1.11355	1.11355	0.0335159	0.542837	-1.84217	0.123632	0.784457	-1.36155	0.0189206	0.493164	-2.0278		0.447485	1.12124	1.12124	0.3944	1.26041	1.26041	0.389418	0.803029	-1.24528	0.592892	1.874395	1.44365	1.97722	1.93705	0.870828	1
cg25253419	NUCB1	0.174963	0.188966	0.84206	-1.18756	0.0279869	1.37807	1.37807	0.730868	1.04357	1.04357	0.492845	1.08984	1.08984	0.448354	1.08135	1.09152		0.792406	0.967944	-1.03312	0.174503	1.19144	1.18604	0.170983	1.1973	1.1973	0.97221	1.47788	1.47788	0.214798	1			
cg17165841	LOC200726	0.174965	0.0482306	1.48256	1.48256	0.0240429	0.607376	-1.64643	0.0733859	1.40175	1.40175	0.17094	1.42094	1.42094	0.0240605	1.42094	1.42094		0.623566	1.13858	1.13858	0.145054	0.819046	-1.22091	0.474848	1.22094	1.22094	0.277717	1.34466	1.34466	1.97717	2.15527	0.980847	1
cg23414431	GANC;CAPN3;CAPN3;CAPN3	0.174968	0.0492445	0.66507	-1.5036	0.523728	0.889211	-1.12459	0.752651	0.7695555	-1.29945	0.524132	0.889315	-1.12446	0.0135824	0.574112	-1.74182		0.702116	1.07233	1.07233	0.787959	1.05021	1.05021	0.697586	0.931501	-1.07354	0.173016	0.767302	-1.30327	1.97718	1.034	0.464861	1
cg07992918	NUP35	0.174969	0.165039	1.5442	1.5442	0.203668	0.676621	-1.48231	0.961021	0.9887705	-1.01142	0.444799	1.25674	1.25674	0.318225	0.660533	-1.51393		0.070827	1.80793	1.80793	0.0590228	0.852506	-1.17293	0.619383	1.16191	1.16191	0.0594957	1.86641	1.86641	1.97718	2.69508	1.22164	1
cg06066596	LOC80154	0.174971	0.097619	0.407526	-2.45383	0.394023	0.64974	-1.53908	0.24581	0.540093	-1.82119	0.305315	0.592003	-1.68918	0.0090607	0.194348	5.14541		0.717929	1.1962	1.1962	0.220685	0.529461	-1.88871	0.0945598	1.21517	1.21517	0.634503	0.789364	-1.26684	1.97717	7.63804	3.43389	1
cg18141231	PARD3B;PARD3B;PARD3B	0.174972	0.113595	1.75975	1.75975	0.11247	0.567084	-1.76341	0.679028	0.8723123	-1.14636	0.0643307	0.505447	-1.97845	0.637175	0.855593	-1.16878		0.198045	1.56298	1.56298	0.1467153	1.66644	1.66644	0.872599	0.948681	-1.05409	0.758524	0.903729	-1.10653	1.97716	1.37456	1.51713	1
cg12891178	ADAM8;ADAM8;ADAM8	0.174975	0.131487	1.62934	1.62934	0.158676	0.928156	-1.07722	0.737197	0.8108165	-1.23379	0.107197	0.548937	-1.82197	0.0684455	0.313303	-3.19167		0.029024	2.48073	2.48073	0.0076496	0.684206	0.0010164	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1.97716	1.16442	0.748123	1.05936	1.05936	1.97716	2.53287	1.13874	1
cg05630390	BPHL;BPHL;BPHL;BPHL	0.174976	0.173796	0.717211	-1.39429	0.0550982	1.64797	1.64797	0.461427	1.18794	1.18794	0.326224	0.792288	-1.26217	0.293936	0.778756	-1.2841		0.696936	1.09407	1.09407	0.0458465	1.69175	1.69175	0.670001	0.963076	-1.03834	0.607584	0.914208	-1.09384	1.97713	1.65218	0.742793	1
cg05182679	EGR2;EGR2;EGR2;EGR2;EGR2	0.174977	0.698751	1.08224	1.08224	0.518872	0.813653	1.23008	0.556828	0.7256688	1.37802	0.215688	0.812433	1.23081	0.158015	1.00115	0.766464		0.998075	1.00115	1.00115	0.766464	1.00075	1.00075	0.999	1.00115	1.00115	0.766464	1.00075	1.00075	0.999	0.855137	0.938579	-1.06544	1.123344	1.65272	0.852373	0.693166	1
cg21885324	URI1	0.174984	0.330343	0.526949	-1.89772	0.244683	0.460153	-2.17319	0.0914568	0.305626	-3.27197	0.807782	0.856022	-1.16819	0.111114	0.330552	3.02524		0.791528	1.84454	1.84454	1.18408	0.00887262	0.119527	-8.36628	0.85239	0.887985	-1.12615	0.866282	1.11347	1.11347	1.97709	12.7375	5.72671	1
cg00533866	DNTTIP1	0.174986	0.931018	1.01582	1.01582	0.201238	0.782993	-1.27715	0.0112271	1.77853	1.77853	0.944031	1.01281	1.01281	0.150741	1.32198	1.32198		0.352247	1.18946	1.18946	0.742943	0.940296	-1.06146	0.5609	0.898912	-1.11246	0.5724919	1.10892	1.10892	1.97708	1.02862	0.462467	1
cg27458152	SLC39A14;SLC39A14;SLC39A14;SLC39A14	14	0.174987	0.13493	0.369704	-2.70486	0.217513	0.448873	-2.2278	0.0434952	0.238494	-4.19297	0.770022	1.19841	1.19841	0.0522316	0.255831	-3.90883		0.808852	0.861022	-1.16141	0.0459445	0.243557	-4.10582	0.208093	0.440669	-2.26928	0.198025	0.431714	-2.31635	1.97707	11.9366	5.36668	1
cg03711682	ZNF19	0.174988	0.376159	0.917919	-1.08942	0.818312	1.3088	1.3088	0.594497	1.11551	1.11551	0.105242	0.267456	3.7411	0.0153879	0.955304	-1.04629		0.956774	1.00512	1.00512	0.9511	1.15083	1.15083	0.309321	0.905546	-1.10431	1.10756	0.728457	0.121594	1			
cg00863893	TIMP2	0.174993	0.331047	0.5045	-1.98216	0.141971	0.340589	-2.93609	0.0165593	0.135762	-7.36583	0.125071	0.322186	-3.1038	0.0121519	0.644627	-1.55284		0.402086	0.555788	-1.79925	0.026014	0.164915	-6.06372	0.0749335	0.612625	-1.63232	0.0896135	0.760447	-1.31502	1.97704	14.5722	6.55175	1
cg02459321	ITGA5	0.174993	0.0789441	0.285352	-3.50445	0.215765	0.432797	-2.31055	0.0209058	0.167518	-5.96952	0.526036	0.661653	-1.51137

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg17508202	MAEA;MAEA	0.175176	0.205213	0.726808	-1.37588	0.0382897	0.563743	-1.77386	0.902349	1.02074	1.02074	1.241436	1.34009	1.340209	0.107159	0.657147	-1.52173	0.196887	0.732011	-1.38502	0.326583	1.27353	1.27353	0.422035	1.21628	1.21628	0.580537	0.875245	-1.14254	1.976	1.78367	0.802369	1
cg22153463	MCOLN2	0.175178	0.78533	1.13622	1.13622	0.383851	0.65763	-1.52061	0.314732	0.613485	-1.63003	0.365445	0.646228	-1.54744	0.362691	0.551358	1.55158	0.385637	0.658724	-1.51809	0.0221181	1.74581	1.74581	0.183756	1.94533	1.94533	0.355063	0.639693	-1.56325	2.0681	7.01016	2.63641	1
cg09246253	FSCN1	0.175179	0.962582	0.986471	-1.01371	0.5498317	1.19206	1.19206	0.854634	0.948145	-1.05469	0.292178	0.728105	-1.37343	0.250725	0.705778	-1.41688	0.0304831	0.477934	-2.09234	0.801766	0.929564	-1.07577	0.0617987	1.84175	1.84175	0.189218	0.667773	-1.49751	1.97599	2.63811	1.18674	1
cg15702487	CHRNB1	0.175518	0.225176	0.563497	-1.77463	0.0168521	0.269015	-1.71726	0.0289826	0.131377	-1.18729	0.654592	0.816497	-1.22479	0.113986	0.46106	-2.16891	0.941621	1.03353	1.03353	0.446463	0.705096	-1.41825	0.407277	0.682699	-1.46477	0.92969	0.961042	-1.04054	1.97599	6.34512	2.85433	1
cg08488945	SOX20T	0.175183	0.0568346	0.684816	-1.46025	0.0463563	0.670045	-1.49244	0.12595	0.747639	-1.33754	0.357989	0.852498	-1.17302	0.33018	0.838202	-1.19303	0.57029	0.90415	-1.10601	0.0170692	0.600048	-1.66653	0.404935	0.860988	-1.16146	0.637866	0.920099	-1.08684	1.97597	0.965502	0.434331	1
cg19932080	CRABP1	0.175184	0.0453387	0.229313	-4.36284	0.418727	0.588596	-1.69896	0.445005	0.606874	-1.64779	0.143706	0.365049	-2.73915	0.106906	0.323344	-3.09268	0.100906	0.135857	-3.16599	0.0378291	0.213347	-4.68719	0.05946	0.255471	-3.91434	0.239081	0.453452	-2.2053	1.97596	12.8767	5.79258	1
cg26442210	CPA4;CPA4 CD1A1;CD1A1;CD1A1;CD1A1;CD1A1; CD1A1;CD1A1;CD1A1;CD1A1;CD1A1;	0.175188	0.0231764	2.02764	2.02764	0.3616333	0.783334	-1.27659	0.819506	0.942218	-1.06133	0.155186	0.672922	-1.48606	0.632083	0.881949	-1.13385	0.425496	0.809028	-1.23605	0.134577	1.52215	1.52215	0.97454	0.991724	-1.00835	0.344679	0.776108	-1.28848	1.97594	2.12221	0.954689	1
cg08944476	CD1A1;CD1A1;CD1A1;CD1A1	0.175195	0.277792	0.810866	-1.23325	0.751234	0.942632	-1.06086	0.119271	1.36895	1.36895	0.438864	0.86358	-1.15797	0.0747609	0.691633	-1.44585	0.334823	1.20293	1.20293	0.0744455	0.691294	-1.44656	0.269381	0.80762	-1.23821	0.178138	0.766608	-1.30445	1.9759	1.07985	0.485787	1
cg19972897	UCK2	0.175197	0.104902	0.749861	-1.33384	0.1128488	0.503354	-1.98528	0.0180007	0.729799	-1.37024	0.0996583	0.962213	-1.03979	0.994201	0.550359	-1.81705	0.476964	0.726859	-1.37594	0.0955148	0.503579	1.98597	0.0180007	0.260217	0.612251	-1.63332	0.402272	0.698997	-1.43062	0.152381	1.99301	1.89731	0.166526	0.539669	-1.85196	0.97589	5.48169	2.457	1
cg26241852	DISP2	0.175197	0.515726	0.862087	-1.15998	0.0590473	1.61611	1.61611	0.863494	1.03951	0.109863	1.35801	1.35801	0.105609	0.671608	-1.48896	0.128304	1.44799	1.44799	0.7283	1.0817	0.428551	1.1996	1.1996	0.0888492	1.52569	1.52569	0.975889	1.58674	0.713824	1
cg05035248	C1orf159	0.175211	0.0708259	0.607637	-1.64572	0.0452972	0.895501	-1.11669	0.446023	0.812192	1.23132	0.0209439	0.503754	-1.98851	0.0854562	0.625405	-1.59873	0.791281	1.06765	0.936956	0.914952	1.02672	1.02672	0.918166	1.16629	1.16629	0.934033	0.997076	-1.02064	1.97581	1.90602	0.857493	1
cg05859533	CCDC135	0.175222	0.0226586	0.654353	-1.48285	0.839057	1.14947	1.14947	0.0851235	0.271442	-1.68403	0.426033	1.74586	-1.74586	0.14506	0.355491	-2.81474	-2.03594	0.480992	1.63344	1.63344	0.117611	0.312175	-3.20333	0.395238	0.475417	-2.10342	0.368146	0.530881	-1.88366	1.97575	1.84832	0.60598	1
cg18404706	KLHL26	0.175224	0.618923	1.52924	1.52924	0.246749	0.64184	0.314377	0.39709	0.947904	0.947502	-1.05541	0.0790808	0.191628	-5.21845	0.356044	2.23495	2.23495	0.612816	0.649007	-1.54081	0.344028	2.28355	2.28355	0.950116	0.948379	-1.05443	1.97573	22.4566	10.1033	1
cg03535066	SNAPC1	0.175226	0.0507941	0.6439	-1.55304	0.0462278	0.636577	-1.5709	0.494805	1.14605	1.14605	0.889656	0.870462	-1.14882	0.456505	1.16185	1.16185	0.98708	1.00321	1.00321	0.663623	0.917073	-1.09043	0.796676	1.0524	1.0524	0.0973683	1.43115	1.43115	0.57572	1.22465	0.550931	1
cg21653397	NEDD4L;NEDD4L;NEDD4L	0.175226	0.249851	2.42767	2.42767	0.0430842	5.56557	5.56557	0.0157805	8.85931	8.85931	0.272852	2.3203	2.3203	0.0631042	4.6728	4.6728	0.303712	2.19384	2.19384	0.435158	1.79902	1.79902	0.342324	2.05767	2.05767	0.862693	1.13618	1.13618	0.97572	17.0207	7.65771	1
cg02009068	FTSJ1;FTSJ1;FTSJ1	0.175231	0.327403	1.67138	1.67138	0.0799327	0.37203	-2.68795	0.0828151	0.536465	-2.65361	0.805913	0.882453	-1.13323	0.0199822	0.240122	-4.16455	0.747564	0.848684	-1.1783	0.256894	0.549431	-1.82007	0.867398	0.88861	1.08861	0.983308	0.989427	-1.01069	1.9757	8.0771	3.63398	1
cg01793945	CORO7	0.175231	0.107459	0.6819559	-2.07487	0.564446	1.27383	1.27383	0.0591268	0.4158	-2.42372	0.624408	1.22754	1.22754	0.0741852	0.43753	-2.28556	0.385126	0.690784	-1.44763	0.446499	1.3804	1.3804	0.169505	1.83677	1.83677	0.978192	0.988708	-1.01142	1.9757	5.40087	2.42991	1
cg14671453	STX4	0.175238	0.948966	0.989731	-1.01038	0.1819306	1.25672	1.25672	0.757956	0.951373	-1.05111	0.0255976	1.53371	1.53371	0.29217	1.19274	1.19274	0.137092	0.7724	-1.29467	0.902073	1.02005	1.02005	0.22253	1.22965	1.22965	0.298463	0.840463	-1.18982	1.97565	0.813761	0.366128	1
cg03958853	GPR142	0.175241	0.177431	0.715671	-1.39728	0.8486082	1.04561	1.04561	0.175581	0.670404	-1.49164	0.307122	0.78134	-1.27955	0.0937114	0.609022	-1.64198	0.0256846	0.538774	-1.85606	0.423413	1.23024	1.23024	0.415734	0.823544	-1.21426	0.223207	0.741785	-1.3481	1.97564	1.70432	0.766816	1
cg21255576	FAM83A;FAM83A	0.175242	0.050437	0.4646	4.1646	0.400636	1.73407	1.73407	0.653565	1.33517	1.33517	0.108513	3.0653	3.0653	0.104853	3.10821	3.10821	0.236749	2.2104	2.2104	0.0818934	3.43328	3.43328	0.0423718	4.46312	4.46312	0.0736441	2.58219	3.58219	0.97563	12.8097	5.76342	1
cg21931986	VIT	0.175246	0.153659	0.312593	-3.19905	0.0573067	5.13936	5.13936	0.633976	1.43133	1.43133	0.836476	0.854422	-1.17038	0.0521754	0.186135	-5.37244	0.240169	0.392125	-2.55021	0.19331	0.350677	-2.85163	0.683989	0.732336	-1.36549	0.352657	0.482847	-2.07105	1.97561	18.1315	8.15794	1
cg02352685	BTNL8;BTNL8;BTNL8;BTNL8;BTNL8 L8 SNORD115-17;SNORD115- 18;SNORD115-19	0.175247	0.00881322	0.0858138	-11.6531	0.370088	0.507766	-1.96941	0.184611	0.354832	-2.81824	0.0693836	0.224085	-4.46259	0.935865	0.942464	-1.06105	0.791529	0.822786	-1.21538	0.270289	0.42948	-2.3284	0.165031	0.336054	-2.97571	0.386139	0.51988	-1.92352	1.9756	16.9636	7.63248	1
cg25879705	L8;SNORD115-19	0.175248	0.0158032	0.140284	-7.1284	0.990872	0.99243	-1.00763	0.30374	0.492855	-2.02899	0.253438	0.452827	-2.20835	0.114637	0.319909	-3.12589	0.374246	0.545626	-1.83276	0.0372966	0.200775	-4.98069	0.481406	0.62167	-1.60857	0.158176	0.367087	-2.72415	1.9756	13.8052	6.21143	1
cg18000598	TMEM44;TMEM44;TMEM44;TMEM44	0.175249	0.610444	1.20209	1.20209	0.196343	0.565835	-1.7673	0.150739	0.575951	-1.73626	0.537398	1.25074	1.25074	0.400927	0.734902	-1.36073	0.937588	1.02845	1.02845	0.01064	0.316441	-3.16015	0.255931	0.65386	-1.52938	0.825341	0.923473	1.0824	1.9759	4.01586	1.80688	1
cg03735496	GREB1L	0.175249	0.815961	0.886891	-1.12753	0.446673	0.670762	-1.49084	0.111645	2.44013	2.44013	0.881382	1.07991	1.07991	0.838605	1.11071	1.11071	0.0149153	0.214252	-4.66739	0.444546	0.669459	-1.49374	0.208024	1.98069	1.98069	0.809951	1.13207	1.13207	0.97559	8.29396	3.73175	1
cg26295295	C5orf21	0.175249	0.3170006	0.6404264	-1.56138	0.0288766	1.14016	1.14016	0.737568	1.21259	1.21259	0.0973073	0.703205	-1.42201	0.0495627	0.513763	-1.94643	0.950162	1.03984	1.03984	0.73073	0.703205	-1.42201	0.0495627	0.950162	1.03984	0.73073	0.703205	-1.42201	0.0495627	0.513763	-1.94643

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(3537 vs. 537T vs. N)	Fold-Change(3537 vs. 537T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08834989	CNGA3;CNGA3	0.175497	0.884519	0.951958	-1.05047	0.367813	0.710968	-1.36805	0.229103	1.53351	1.53351	0.0917475	1.87566	1.87566	2.104149	-1.54778	-1.82555	0.375785	1.36061	1.36061	0.05101899	0.470983	-1.22322	0.883498	1.050093	1.050093	0.6779773	1.15195	1.15195	1.9742	1.58838	1.61568	1
cg03263025	AP2A1;AP2A1	0.175501	0.774069	0.963986	-1.03736	0.81637	1.03009	1.03009	0.262924	1.16037	1.16037	0.5910046	0.817357	1.08013	0.0738071	1.27985	1.27985	0.411807	1.11287	1.11287	0.0836124	0.7834667	-1.27638	0.717675	1.04736	1.04736	0.0289673	1.38835	1.38835	1.97417	0.507789	0.228637	1
cg25388707	SLC39A7;SLC39A7;RXRB SLC37A4;SLC37A4;SLC37A4;SLC37A4;SL	0.175502	0.766359	0.972088	-1.02871	0.648436	0.957328	-1.04457	0.435728	0.927239	-1.07847	0.263748	1.11703	1.11703	0.700927	1.03734	1.03734	0.0969214	1.18898	1.18898	0.0158035	0.7551	-1.32433	0.889117	1.01334	1.01334	0.417443	0.924296	-1.0819	1.97417	0.282182	0.127055	1
cg24377329	C3T4A4	0.175503	0.140148	1.76943	1.76943	0.452411	1.31684	1.31684	0.115333	1.85063	1.85063	0.630191	1.18943	1.18943	0.124338	0.54678	-1.82889	0.0350689	1.24777	1.24777	0.633147	0.8434	-1.18568	1.09476	1.63739	1.63739	0.521743	1.26298	1.26298	1.97416	0.4418	1.81987	1
cg24971320	RASGEF1A	0.175508	0.0990747	2.91748	2.91748	0.453801	1.57105	1.57105	0.445882	1.58427	1.58427	0.569199	1.40588	1.40588	0.0568316	2.270045	-1.58366	0.594998	1.37398	1.37398	0.354176	1.75848	1.75848	0.0393386	4.10284	4.10284	0.282625	1.93603	1.93603	1.97414	0.30629	0.93625	1
cg09241455	RELL1;RELL1	0.175511	0.161631	0.487426	-2.05159	0.606755	0.779091	-1.28355	0.858254	0.917637	-1.08976	0.128718	0.454108	-2.20212	0.00955295	0.206653	-4.83902	0.50913	0.724696	-1.37989	0.647853	0.8016331	-1.24745	0.536094	0.739893	-1.35155	0.0542207	0.349788	-2.85888	1.97412	7.22771	3.25443	1
cg24138234	TGM3	0.175514	0.240007	1.49371	-2.32175	0.0638629	1.42666	1.42666	0.422328	1.75171	1.75171	0.396277	1.75171	1.75171	0.552052	-1.81142	0.0999262	0.291004	-3.43602	0.31514	2.03632	2.03632	0.3003137	0.483178	-2.07564	0.168199	0.565877	-2.75106	0.398233	0.553116	-1.80794	1.9741	1.64155	0.559024	1
cg02796939	FOXK2	0.175518	0.706441	0.864643	-1.16113	0.718154	1.17299	1.17299	0.968119	0.565824	1.76918	0.0156544	1.64836	1.64836	0.0156544	2.154349	-1.63258	0.40326	1.68383	1.68383	-1.45691	0.311981	0.311163	-1.58438	0.1380888	2.01884	0.315547	0.902297	-1.60388	2.01824	6.0522	2.72519	1
cg15256491	FOXI1	0.17552	0.953367	1.01541	1.01541	0.343324	1.29091	1.29091	0.231634	1.38841	1.38841	0.343525	1.29076	1.29076	0.576252	0.862703	-1.15915	0.158638	0.674264	-1.4831	0.0614858	0.5763564	-1.73501	0.0632989	1.72683	1.72683	0.576868	1.15886	1.15886	1.97407	2.13904	0.963174	1
cg08708553	AGAP3;AGAP3	0.175522	0.29025	1.30981	-1.53146	0.931478	0.851393	1.22226	0.703918	0.993634	-1.00809	0.533299	0.851393	1.22226	0.703918	0.993634	-1.00809	0.533554	0.810828	-1.23331	0.964865	0.9985386	-1.04183	0.636521	1.17245	1.17245	0.390217	1.34214	1.34214	1.97406	3.49242	1.57259	1
cg25522894	PLB1;PLB1	0.175524	0.782851	1.09674	1.09674	0.143649	1.69071	1.69071	0.121033	1.75402	1.75402	0.14157	0.589608	-1.69604	0.0183834	0.4484477	-2.22977	0.535543	0.810828	-1.23331	0.964865	0.9985386	-1.04183	0.636521	1.17245	1.17245	0.390217	1.34214	1.34214	1.97406	3.49242	1.57259	1
cg21874193	TASP8;PBRM1;PRH1	0.175528	0.607267	1.15988	1.15988	0.656812	1.26689	1.26689	0.882976	1.07189	2.07189	0.218871	1.63331	1.63331	0.578532	0.808233	-1.23727	0.608515	1.21652	1.21652	0.146027	1.80776	1.80776	0.0206263	2.87973	2.87973	0.679275	1.17615	1.17615	1.97402	4.50007	2.02635	1
cg26680077	SNX10	0.175528	0.0944124	2.603237	-1.65772	0.513478	0.833457	-1.19982	0.322925	0.755266	-1.32404	0.164743	0.66534	-1.50299	0.76501	1.08589	1.08589	0.186485	1.46962	1.46962	0.527702	1.19232	1.19232	0.144831	1.53802	1.53802	0.0880692	0.506032	-1.67776	1.97402	2.3628	1.06396	1
cg22534796	KIF5B;KIF5B	0.175531	0.93018	1.00968	1.00968	0.182123	1.16854	1.16854	0.311605	1.122	1.122	0.236935	1.14601	1.14601	0.595011	0.994363	-1.00567	0.10906	1.21191	1.21191	0.0237739	0.743202	-1.34553	0.884027	1.1021	1.1021	0.657119	1.05036	1.05036	1.97401	0.378187	0.170297	1
cg13802595	G3BP1;G3BP2;G3BP2	0.175533	0.2120886	1.0664132	-1.05372	0.0120797	0.653515	-1.53019	0.40373	0.4768	-2.09732	0.478428	1.86768	1.86768	0.204012	0.3128496	-3.19646	0.412442	0.483645	-2.06763	0.3313785	0.4349802	-2.38208	0.625086	0.6525524	-1.53251	0.0457913	0.137412	-7.27737	0.73599	23.4924	10.5796	1
cg06727855	COX6C;COX6C	0.175534	0.906378	1.03352	1.03352	0.431	1.2526	1.2526	0.222002	0.697915	-1.43284	0.312787	1.33986	1.33986	0.912824	0.969779	-1.03116	0.722479	1.10509	1.10509	0.00753742	0.3815568	-2.62077	0.931325	1.02445	1.02445	0.886133	0.960645	-1.04097	1.97399	2.54582	1.10541	1
cg11349941	SOS1	0.175536	0.480343	1.11817	1.11817	0.809483	0.907951	-1.00205	0.942981	0.858962	-1.1642	0.127422	1.29241	1.29241	0.964203	0.9930558	-1.00609	0.350788	1.16119	1.16119	0.0126939	1.628005	1.628005	0.0405205	1.13285	1.13285	0.306806	0.8482	-1.17897	1.97398	0.75708	0.340916	1
cg13383654	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1	0.175539	0.379152	0.6783333	-1.48413	0.370405	0.781197	-1.28009	0.931945	1.5275	1.5275	0.936675	1.01477	1.01477	0.462631	-1.21634	-2.16164	0.776373	0.884701	-1.13032	0.0268112	0.323564	-3.09058	0.0541507	0.940755	-2.86388	0.519977	0.753366	-1.32386	1.97396	5.78516	2.6051	1
cg05872215	SASH3	0.17554	0.475215	1.33713	1.33713	0.42118	0.719793	-1.38929	0.249083	0.617532	-1.61935	0.121991	0.511359	-1.95557	0.024934	0.343787	-2.90878	0.343614	1.48005	1.48005	0.205763	1.70587	1.70587	0.692747	1.17222	1.17222	0.968678	1.01583	1.01583	1.97395	5.00506	2.25382	1
cg06121808	SLC20A1	0.175541	0.0857348	2.49053	-2.08083	0.0124728	0.780707	-1.2531	0.624453	0.826652	-1.2097	0.330555	0.67881	-1.47312	0.162581	0.562674	-1.77722	0.497396	0.76576	-1.3049	0.0139227	0.307974	-3.24703	0.0436828	0.804493	-2.44802	0.867966	0.937821	-1.0663	1.97395	4.65144	2.09581	1
cg04636557	C1orf124;C1orf124;EXOC8	0.175541	0.658759	0.809654	-1.2351	0.0200723	0.263776	-3.79109	0.709683	1.19442	1.19442	0.164951	0.494724	-2.02133	0.113583	2.26586	2.26586	0.845526	1.0971	1.0971	0.637431	1.25299	1.25299	0.123325	0.844617	-1.18397	0.178201	0.506645	-1.97377	1.97395	7.05626	3.17751	1
cg16661744	MARCH10;MARCH10	0.175548	0.0979596	0.5175233	-1.93228	0.379661	0.721075	-1.38363	0.582887	0.641783	-2.39332	0.0929598	0.511365	-1.95555	0.0371212	0.415559	-2.4064	0.296585	0.675239	-1.48096	0.0144225	0.185182	0.605222	-1.65229	0.0174175	0.887954	-1.12671	0.0813909	0.496126	-2.01562	1.97391	4.11004	1.68353	1
cg13258039	EFNB3;EFNB3	0.175549	?	?	?	0.143324	0.326607	-3.06178	0.771861	0.814937	-1.22709	?	?	?	0.264291	0.4387007	2.27943	?	?	?	0.424354	1.77878	1.77878	0.0594254	4.59931	4.59931	0.294091	2.1598	2.1598	2.11029	10.799	5.9702	1
cg03701425	CLN8	0.17555	0.426601	0.720685	-1.38757	0.544652	1.28069	1.28069	0.410376	1.40451	1.40451	0.604189	0.80976	-1.23493	0.0887837	0.4688554	-2.13286	0.160651	1.83068	1.83068	0.144962	0.535048	-1.86899	0.480556	0.748761	-1.33554	0.0397581	0.383163	-2.60986	1.97399	5.08995	2.29211	1
cg04738208	JAKI02	0.175555	0.647396	1.2503	1.2503	0.237892	0.523337	1.91055	0.857764	0.936438	1.06818	0.28124	1.70354	1.70354	0.25882	1.87586	1.87586	0.840721	1.10283	1.10283	0.0117504	1.78922	1.78922	0.0407997	2.18263	1.98942	0.108729	2.34184	2.34184	1.9739	7.39656	3.33083	1
cg08045301	ATXN1;ATXN1L	0.175554	0.221277	0.75504	-1.73901	0.268088	0.608691	-1.64287	0.324827	0.645613	-1.54892	0.640503	0.79863	-1.25214	0.0184428	0.292227	-3.422	0.0996466	0.459967	-2.17407	0.834099	1.09446	1.09446	0.17247	1.86806	1.86806	0.773801	0.8833368	-1.13203	1.97388	5.78973	2.60727	1
cg06149034	ADA2C	0.175557	0.1708467	0.645569	-1.51716	0.1475	0.635629	-1.57325	0.393704	0.754911	-1.32482	0.0994726	1.00557	1.00557	0.0918851	0.550134	-1.81764	0.0400621	0.510588	1.95833	0.0232301	0.40037	-2.49792	0.127217	0.80766	1.23833	0.0973988	0.831072	-1.20327	0.93985	2.52008	1.12992	1
cg20171453	RHOH	0.175561	0.447056	0.82067	-1.24584	0.513374	0.882628	-1.20684	0.0592385	0.546752	-1.82958	0.82227	0.931288	-1.07378	0.0521645	0.5344661	-1.87104	0.0491069	0.528805	-1.89106	0.0412705	0.512857	-1.94986	0.132162	0.630713	-1.58551	0.0997278	0.8959	-1.1162	1.97384	2.51507	1.13263	1
cg02605920	FURT2	0.175563	0.102372	0.644658	-1.55122	?	?	?	0.542696	1.16339	1.16339	0.708838	1.09651	1.09651	0.0431798	1.7706	1.7706	0.777117	1.07219	1.07219	0.263015	0.7508071	-1.3319	0.16738	1.43544	1.43544	0.267538	1.32801	1.32801	1.98683	1.68729	0.849237	1
cg07471948	GPC6	0.175565	0.0260266	2.225367	-4.49258	0.732573	1.21541	1.21541	0.261891	1.53756	1.53756	0.475223	1.31133	1.31133	0.0619677	2.1433507	-1.44676	0.334102	0.567445	-1.76229	0.23583	0.2493324	-4.01007	0.0400125	0.652086	-1.53354	0.309788	0.153033	-6.53187	1.97378	10.1126	4.5542	1
cg16061301	TRIM27	0.175572	0.147893	1.41388	1.41388	0.354357	1.23686	1.23686	0.0394304	1.70209	1.70209	0.0402343	1.18164	1.18164	0.123249	0.689014	-1.45135	0.660429	0.906079	-1.10366	0.273183	0.2681271	-3.72981	0.0139571	0.289371	-3.45611	0.0254843	0.765624	-1.30612	1.97378	1.55588	0.700688	1
cg17440891	UCT2;BRI3	0.175576	0.0701155	0.6938585	-1.51733	0.0729685	0.815467	1.44435	0.0555625	0.6418	-1.55822	0.0602687	0.415463	-2.40624	0.0177149	0.2185855	-4.57545	0.531208	0.708476	-1.41125	0.0386463	0.4723728	-2.11685	0.0152665	0.924021	-1.08225	0.0127477	0.150464	-6.64553	1.97377	6.65065	3.37077	1
cg06328806	MUC5B	0.175586	0.911033	0.927709	-1.07792	0.0114822	0.119681	-8.35554	0.165335	0.370301	-2.70051	0.799434	0.842887	-1.1864	0.247517	0.4441111	-2.25169	0.391067	0.55435	-1.80392	0.714737	0.7815814	-1.27946	0.0593599	0.230568	-4.17418	0.113674	0.314904	-3.17557	1.97369	34.088	6.3448	1
cg23062425	ITGA1;PELO;PELO C2orf28;SLC5A6;C2orf28;SLC5A6;C2orf	0.175588	0.447815	0.825927	-1.21076	0.0700447	0.606092	-1.64991	0.0902107	1.00247	1.00247	0.331387	0.780554	-1.28114	0.145906	0.67981	-1.471	0.27264	0.754074	-1.32613	0.985565	1.00448	1.00448	0.0404804	1.79251	1.79251	0.441909	1.21391	1.21391	1.97368	1.91037	0.860373	1
cg14672622	28	0.175589	0.714727	1.0584	1.0584	0.576346	0.916423	-1.0912	0.117695	0.768969	-1.30044	0.0579523	0.717915	-1.39292	0.566119	0.914226	-1.09382	0.916402	0.983897	-1.01637	0.0808223	0.741298	-1.34899	0.398362	1.14304	1.14304	0.0351555	0.684259	-1.46144	1.97368	0.747279	0.336553	1
cg05695217	BHLHE23	0.175595	0.143205	1.34928	1.34928	0.4525	0.883553	1.28353	0.0619694	1.9336	1.9336	0.153701	1.49328	1.49328	0.0179428	3.1144249	-1.6768	0.1183063	1.7913	1.7913	0.0170261	0.2744	-3.64355	0.0139222	0.5994	1.66843	0.0973965	0.2017	2.01717	1.97367	2.31183	1	
cg20065463	DES;DES	0.175596	0.126649	0.68795	0.68795	0.106612	0.10278	10.0278	0.50237	2.34699	2.34699	0.225727	5.28381	5.28381	0.830138	1.32459	1.32459	0.268053	0.5247	1.9047	0.773353	1.45912	1.45912	0.0191303	2.80.86	40.86	0.0350986	24.8345	24.8345	1.97364	13.5172	24.1031	1
cg15559979	WDR6	0.175596	0.897815	0.958136	-1.04369	0.0414904	2.18695	2.18695	0.625356	1.17797	1.17797	0.840612	1.06932	1.06932	0.560274	2.2165	2.2165	0.258659	0.675511	-1.48036	0.0226206	0.4030991	-2.48083	0.924156	1.0322	1.0322	0.986245	1.00575	1.00575	1.97362	3.46308	1.55972	1
cg03270710	LBX2;LOC151534	0.175601	0.534414	0.8708	-1.14835	0.6955	0.877258	1.13978	0.778	0.827968	1.20849	0.709494	1.21317	1.21317	0.0739878	1.87922	1.87922	0.143143	1.5913	1.5913	0.0170261	0.2744	-3.64355	0.0139222	0.5994	1.66843	0.0973965	0.2017	2.01717	1.97362	2.31183	1	
cg02619941	CDH4	0.17602	0.31559	0.715526	-1.39757	0.0504004	0.04674	2.04674	0.806981	0.924393	-1.08179	0.213394	0.656506	-1.52322	0.39951	0.708062	-1.41231	0.517736	0.810081	-1.23444	0.8452841	1.8456	1.8456	0.489982	1.25326	1.25326	0.243525	0.675762	-1.47981	1.9736	3.12424	1.45216	1
cg20183411	HLA-DRB1	0.175603	0.0391305	2.5566	-1.85737	0.36731	1.1731	1.1731	0.752705	0.856438	-1.16743	0.0118	0.29124	1.70354	1.70354	0.2882	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586	1.87586
cg13099106	CCDC64	0.175607	0.0848878	0.821441	-1.21737	0.282872	1.12209	1.12209	0.176422	1.15993	1.15993	0.537519	0.942977	-1.06047	0.138734	0.848298	-1.17883	0.2898467	1.12009	1.12009	0.21198	0.8730821	-1.14537	0.466182	1.07956	1.07956	0.211366	1.1456	1.1456	1.97358	0.333104	0.150028	1
cg10589055	F10	0.175607	0.181762	0.592674	-1.68727	0.0265182	0.378867	-2.63945	0.0783073	0.485872	-2.05816	0.236702	0.632838	-1.58018	0.981558	0.991506	-1.00857	0.0500123	0.43895	-2.27817	0.412447	0.744043	-1.34402	0.173969	0.585644	-1.70752	0.1031	0.517867	-1.931	1.97358	4.25711	1.91738	1
cg24059115	AKR1B1	0.175609	0.03438	2.12476	2.12476	0.154416	0.882289	-1.13342	0.0945156	1.16299	1.16299	0.718158	0.976562	-1.03022	0.385009	0.9294442	-1.07591	0.969309	0.996844	-1.00315	0.656012	0.93752	-1.03752	0.173587	0.887856	-1.12631	0.73557	0.210966	0.0950187	1.97357	0.210966	0.0950187	1
cg09410986	FRMD6;FRMD6	0.175611	0.225177	1.15515	1.15515	0.723912	1.04097	1.04097	0.635164	1.05561	1.05561	0.831483	0.976154	-1.02443	0.213817	0.86226	-1.15974	0.334121	0.893342	-1.11939	0.321521	1.12295	1.12295	0.0264502	1.34708	1.34708	0.143516	0.836972	-1.19478	1.97356	0.40067	0.180462	1
cg03142346	GINS1	0.175613	0.512602	0.8984	-1.11318	0.49258	1.07431	1.07431	0.0842492	1.80604	1.80604	0.0373712	2.080051	2.080051	0.0139651	2.266856	2.266856	0.814554	1.08625	1.08625	-1.08351	0.0381371	1.48506	0.0415596	1.31264	1.31264	0.0177576	1.92604	1.92604	0.0157157	0.779598	0.0464488	0.381258	1
cg04563946	PLIN4	0.175614	0.72758	0.848412	-1.17867	0.11341	0.444963	-2.24738	0.113908	0.465608	-2.14773	0.593605	1.28812	1.28812	0.947784	0.969683	-1.03127	0.031804	0.306403	-3.26368	0.0387805	0.324711	-3.07966	0.153185	0.487234	-2.0524	0.396353	0.664795	-1.50422	1.97355	6.90656	3.11072	1
cg14064455	TOMM7	0.175614	0.612377	0.909197	-1.09978	0.604303	1.10979	1.10979	0.0356992	0.622599	-1.60627	0.892624	0.977447	-1.02728	0.754005	0.9954	-1.00463	0.785028	1.0599	1.0599	0.702517	0.560159	-1.78521	0.815658	1.04763	1.04763	0.562362	1.20361	1.20361	1.97354	1.53107	0.550881	1
cg26884548	ANKS1A;TAF11	0.175616	0.963636	1.00936	1.00936	0.931478	0.582578	1.61773	0.0435857	1.01511	1.01511	0.804362	0.950542	-1.05203	0.393796	1.05444	-1.05203	0.140527	1.38267	1.38267	0.972905	0.9929993	-1.00706	0.375503	1.58352	1.58352	0.66121	1.09431	1.09431	1.97353	1.3055	0.588006	1
cg01059126	PPP3R5A;PPP2R5A	0.175617	0.597047	1.08784	1.08784	0.102283	1.32603	1.32603	0.488315	1.11752	1.11752	0.598496	1.08748	1.08748	0.324842	1.17091	1.17091	0.586682	1.0905	1.0905	0.35295	0.859284	-1.16281	0.285322	1.19141	1.19141	0.00815909	1.70633	1.70633	1.97352	0.779483	0.350635	1
cg04398282	STAP1	0.175617	0.534637	0.8911	-1.12202	0.5104	1.08154	1.08154	0.671169	0.912011	1.07445	0.16641	0.899996	1.25034	1.25034	0.0192324	1.77914	1.77914	0.367505	1.07222	1.07222	0.16429	1.53008	1.53008	0.0957117	-1.0448	0.55814	0.886496	1.12804	1.97352	0.582618	1.75	1
cg05564426	FGF1;FGF1;FGF1;FGF1;FGF1 TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRP	0.175622	0.0736456	0.380485	-2.62823	0.156528	0.07414	2.07414	0.942756	1.0348	1.0348	0.481105	1.40777	1.40777	0.0636261	0.36355	-2.75066	0.378487	0.64912	-1.54055	0.8434344	0.3955663	-2.52804	0.769991	1.14996	1.14996	0.369067	0.643217	-1.55468	2.06532	7.26715	2.73673	1
cg02057391	RPC4	0.175622	0.42434	1.14779	1.14779	0.551591	0.903251	-1.10711	0.313247	1.19268	1.19268	0.835703	0.965526	-1.0357	0.800722	1.04365	1.04365	0.946047	1.0115	1.0115	0.00767663	1.78388	1.78388	0.113438	1.33775	1.33775	0.262362	1.21826	1.21826	1.97349	0.891975	0.401759	1
cg02609740	C16orf72;ZNF276;ZNF276	0.175625	0.285524	1.28814	1.28814	0.572357	1.12367	1.12367	0.206554	1.3529	1.3529	0.242925	1.0305578	1.0305578	0.0496501	1.2495455	-1.19206	0.647454	1.11082	1.11082	0.0454083	0.5269421	-1.89774	0.0999724	0.664243	-1.50594	0.596221	1.12982	1.12982	1.97348	1.62859	0.713544	1
cg16908031	RPL7L1	0.175626	0.897559	1.02738	1.02738	0.0359336	0.599403	-1.66833	0.347717	1.22481	1.22481	0.823778	0.954299	-1.04789	0.200104	0.752859	-1.32827	0.0659617	0.648781	1.54135	0.0482211	0.622824	-1.60559	0.65282	0.909397	-1.09963	0.961154	0.989837	-1.01027	1.97347	1.3749	0.61928	1
cg25941544	TRIM2;TRIM2	0.175631	0.975225	1.00605	1.00605	0.0222	0.0945	-2.53912	0.0618456	0.847874	-1.18002	0.154724	0.657222	1.52032	1.52032	0.0945374	-1.05722	0.0158046	0.742768	1.37955	0.0270042	0.63006	-1.58703	0.0655082	0.857315	0.482715	0.0422374	1.76129	1.76129	1.97346	3.2323	1.63599	1
cg08114170	AKAP8L	0.175636	0.143613	0.693447	-1.44207	0.0261801	1.84882	1.84882	0.407452	1.21824	1.21824	0.503712	0.853782	-1.17126	0.58721	0.88012	-1.13621	0.157162	0.702963	-1.42255	0.870103	0.962591	-1.03886	0.420228	0.825437	-1.21148	0.301506	1.28323	1.28323	1.97341	1.62992	0.764031	1
cg09011732	LOC151574;LIBX2	0.175638	0.333884	0.782681	-1.27766	0.0170589	0.48921	-2.04411	0.0245932	0.517798	-1.93126	0.842166	0.952168	-1.05023	0.375139	0.798857	-1.25179	0.732165	1.08813	1.08813	0.670443	1.110198	0.785944	0.935266	-1.06921	0.392182	0.806128	0.806128	-1.2405	1.97341	1.88901	0.850875	1
cg02887226	ZPF52	0.175641	0.25264	1.32651	1.32651	0.4222	0.8777	1.52863	0.476602	0.84777	1.18051	0.243366	0.77777	1.29709	0.0773651	1.2885	1.2885	0.0174662	2.2572	2.2572	0.0139757	0.2010	4.97	0.0120898	0.4544	4.5441	0.0096728	0.416158	0.57339	1.97338	8.61003	3	
cg22699448	CAPS2	0.175643	0.367356	0.934596	-1.06998	0.398668	0.938832	-1.06515	0.308441	0.925887	-1.08004	0.640717	1.03499	1.03499	0.263921	0.918453	-1.08879	0.625345	0.964692	-1.0366	0.0338655	1.19836	1.19836	0.0943353	1.14378	1.14378	0.319599	1.07802	1.07802	1.97338	0.166763	0.075117	1
cg16908589	ATP1LA;ATP11A	0.175648	0.625281	1.09289	1.09289	0.745672	1.12311	1.12311	0.0504164	1.05262	-1.80956	0.515644	1.27171	1.27171	0.0515521	1.441358	-1.24562	0.2858447	1.43958	1.43958	0.0274857	2.0913	2.0913	0.0144111	1.11798	1.11798	0.176139	0.591888	1.45951	1.97334	4.15566	1.87191	1
cg16188700	ABCD3	0.175648	0.047871	-1.46444	-2.15313	0.581268	1.20787	1.20787	0.163658	0.608314	-1.64424	0.360597	0.727134	-1.37526	0.128246	0.5726668	-1.74621	0.994327	0.997592	-1.00241	0.502077	1.25981	1.25981	0.0342088	1.43269	2.31111	0.228149	0.651254	1.5355	1.97334	1.59239	1.61818	1
cg04776099	C12orf44;C12orf44	0.175649	0

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Probeset ID	UCSC_REFGENE_NAME C14orf109;C14orf109;C14orf109;C14orf109;MOA	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T 047 vs. N)	Fold-Change(1 vs.105T)	Ratio(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(1 vs.111T)	Ratio(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(1 vs.112T)	Ratio(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(1 vs.121T)	Ratio(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(1 vs.121T)	Ratio(121T vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	Ratio(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	Ratio(3537 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	Ratio(5637 vs. N)	F(Error)	SS(Test)	SS(Error)
cg14076496	P1	0.175832	0.813605	0.914074	-1.094	0.826408	2.10164	2.10164	0.0987942	2.01024	2.01024	0.382302	1.40609	0.406009	2.01243	0.597489	-1.67367			0.216208	0.607251	-1.64676	0.169486	1.75421	1.75421	0.831988	1.08416	1.08416	0.205645	0.599328	-1.66854	2.06402	4.62784	1.7439	1		
cg11324740	NUSAP1;OIP5;OIP5;NUSAP1;NUSAP1	0.175839	0.0265303	0.448695	-2.22868	0.519261	1.22032	1.22032	0.960796	0.985131	-1.01509	0.624358	0.860355	-1.16231	0.613394	1.16797	1.16797			0.579704	1.18588	1.18588	0.0326089	0.466668	-2.14285	0.678301	1.13555	1.13555	0.381531	1.31459	1.31459	1.97227	2.902101	1.30755	1		
cg18954051	TMBIM4	0.175845	0.843924	1.04871	1.04871	0.261896	0.753917	-1.32615	0.0873756	0.634094	-1.57705	0.449919	0.830403	-1.20423	0.248798	1.33775	1.33775			0.74216	1.08295	1.08295	0.0458058	1.73734	1.73734	0.124605	0.669417	-1.49384	0.851834	0.955869	-1.04617	1.72244	1.82004	0.8202994	1		
cg06339792	MRPS28	0.175845	0.915675	0.979486	-1.02094	0.255238	1.26168	1.26168	0.0224786	1.7074	1.7074	0.152705	0.741015	-1.3495	0.196279	0.765368	-1.30656			0.256368	0.793067	-1.26093	0.743425	1.06639	1.06639	0.623683	0.907762	-1.10161	0.669241	0.919342	-1.08773	1.97224	1.19623	0.539144	1		
cg15641500	CARS2	0.175846	0.689628	1.32147	1.32147	0.074191	3.98103	3.98103	0.0363458	5.4172	5.4172	0.610546	1.42854	1.42854	0.0767328	0.254887	-1.9233			0.890073	1.09499	1.09499	0.793205	1.1998	1.1998	0.891396	1.84001	1.84001	0.394659	0.54587	-1.83194	1.97223	15.0608	6.78793	1		
cg00421153	SPHKAP;SPHKAP	0.175848	0.169144	5.66142	5.66142	0.297247	3.59283	3.59283	0.524195	2.14657	2.14657	0.677841	1.63953	1.63953	0.0632028	11.8567	11.8567			0.368578	0.335217	-2.98314	0.073859	10.5699	10.5699	0.0453328	15.1381	15.1381	0.103173	8.24603	8.24603	1.97222	43.751	19.7188	1		
cg16126291	ADIPOQ	0.175851	0.488727	0.644647	-1.55124	0.183105	2.41522	2.41522	0.0234324	1.0871	1.0871	0.981003	0.288879	-3.34581	0.132215	0.628666	-1.59113			0.173814	0.405249	-2.46253	0.0506121	0.248895	-4.01687	0.11678	0.943168	-2.88734	0.565421	0.693125	-1.44274	1.9722	12.1716	5.48582	1		
cg00566515	C21orf81	0.175852	0.0718941	3.35297	3.35297	0.136461	0.598578	-2.62758	0.626921	1.34306	1.34306	0.456544	0.57869	-1.57869	0.134085	0.366859	-2.72584			0.243325	0.479448	-2.08573	0.42726	0.644204	-1.5523	0.132292	2.65933	0.603864	1.25825	1.25815	1.9722	11.1253	5.10443	1		
cg24096828	IPO5	0.175853	0.975572	1.00683	1.00683	0.917024	0.977092	-1.02344	0.743127	0.929482	-1.07587	0.987639	0.996561	-1.00345	0.130191	1.43833	1.43833			0.439037	0.839031	-1.19185	0.00734716	2.15624	2.15624	0.647916	0.902812	-1.10765	0.570509	1.13597	1.13597	1.97219	1.54456	0.696152	1		
cg24319175	IQSEC3;IQSEC3	0.175854	0.186577	2.39705	2.39705	0.272272	1.54344	1.54344	0.292406	1.64707	1.64707	0.212911	0.362359	-2.75899	0.115157	0.377731	-2.64749			0.903297	1.13199	1.13199	0.0947971	1.43428	1.43428	0.384202	2.58945	0.475095	2.10756	1.97219	32.4968	14.6467	1		
cg25778896	BFSP2	0.175856	0.0907046	0.254095	-3.93553	0.107421	0.194729	-5.13533	0.0944575	0.259017	-3.86076	0.56626	0.645667	-1.54879	0.0989668	0.264556	-3.77992			0.667203	0.221376	-4.51719	0.0455075	0.185269	-5.39756	0.622878	0.694636	-1.4396	0.313488	0.464723	-2.15182	1.97218	16.8781	7.60719	1		
cg25100001	WNT1	0.175857	0.657378	1.17341	1.17341	0.0729087	3.45454	3.45454	0.833967	1.0781	1.0781	0.61374	1.20001	1.20001	0.292123	0.675992	-1.47911			0.441164	0.75705	-1.32127	0.791647	0.909511	-1.09945	0.51802	1.92962	1.92962	0.28609	1.48717	1.48717	1.97216	4.00867	1.86828	1		
cg13247580	C14orf181;C14orf181	0.175857	0.0906689	0.2884007	-3.46702	0.319794	1.91062	1.91062	0.0977855	1.36129	1.36129	0.185636	0.380958	-2.62496	0.170081	0.366127	-2.7313			0.197947	0.392322	-2.54893	0.0378876	0.191024	-5.23493	0.163829	0.359998	-2.77779	0.155708	0.351878	-2.8439	1.97216	14.7683	6.65635	1		
cg23830937	OPLAH	0.175861	0.267911	2.19682	2.19682	0.0497848	4.59996	4.59996	0.0832641	3.69741	3.69741	0.0897537	3.58061	3.58061	0.0724291	3.92376	3.92376			0.341754	1.95042	1.95042	0.041469	4.97012	4.97012	0.946581	0.955333	-1.04676	0.681539	1.32497	1.32497	1.97215	14.5261	6.54722	1		
cg20594543	ADAMTS12	0.175863	0.0123274	0.103473	-9.66436	0.650769	0.606796	-1.49903	0.297201	0.375975	2.65975	0.260431	0.345605	2.89348	0.0907557	0.707326	-1.41382			0.115311	0.212315	-4.70999	0.139033	0.236623	-4.22614	0.485205	0.552626	-1.80932	0.157792	0.25486	-3.92373	1.97215	25.5898	11.5339	1		
cg08229360	CTDSPL;CTDSPL	0.175865	0.447418	0.734268	-1.3619	0.834722	1.08692	1.08692	0.304473	1.5284	1.5284	0.604735	0.811969	-1.23157	0.118474	0.508599	-1.96618			0.291565	0.646508	-1.54677	0.0249989	0.345124	-2.89751	0.0475505	0.404936	-2.46952	0.389021	0.703177	-1.42212	1.97213	4.97021	2.2402	1		
cg15536192	SLC4SA4	0.175867	0.863625	1.06528	1.06528	0.914182	0.961125	-1.04045	0.219485	0.621551	-1.60794	0.656563	0.84822	-1.17894	0.802818	0.912079	-1.0964			0.626413	1.19773	1.19773	0.1441863	1.78768	1.78768	0.0109579	3.23591	3.23591	0.29129	1.49599	1.49599	1.97212	4.2258	1.90469	1		
cg26306372	VIM	0.175867	0.796281	-1.09314	1.09314	0.960856	1.01706	1.01704	0.766832	1.10778	1.10778	0.537521	1.23974	1.23974	0.537371	0.824274	-1.21319			0.187842	0.618527	-1.61674	0.00645827	0.295512	-3.38396	0.743111	1.11986	1.11986	0.64396	1.17375	1.17375	1.97211	3.70086	1.66809	1		
cg25945788	GATA4	0.175869	0.0618895	0.28239	-3.5412	0.275564	0.505523	-1.97815	0.0962468	0.333392	-2.99948	0.81433	1.15198	1.15198	0.0429282	0.246322	-4.05973			0.431759	0.617207	-1.6202	0.328342	0.545115	-1.83447	0.0373517	0.233838	-4.27646	0.167774	0.413051	-2.42101	1.97211	11.2967	5.09179	1		
cg01935546	ADCK4;ADCK4;ITPKC	0.175869	0.183228	2.03059	-1.4155	0.252902	0.521545	-1.9225	0.149773	1.21848	1.21848	0.21848	0.410525	-2.43609	0.0962355	0.416958	-2.42341			0.288408	1.21181	1.21181	0.1254444	1.28071	1.28071	0.953907	0.948705	-1.0545	0.58657	0.872167	-1.14657	1.9721	13.9786	6.873457	1		
cg14825828	EPRS;EPRS	0.175871	0.178249	1.34848	1.34848	0.621302	1.1097	1.1097	0.551985	1.13403	1.13403	0.609815	0.898	-1.11359	0.152942	0.726194	-1.37704			0.564161	1.1296	1.1296	0.183827	1.34275	1.34275	0.0914063	1.80248	1.80248	0.186467	1.3401	1.3401	1.9721	1.36463	0.615085	1		
cg23930313	BCAT1	0.175873	0.8764644	1.02773	1.02773	0.323467	1.25292	1.25292	0.327695	1.66457	1.66457	0.210984	0.753117	-1.26285	0.1839	0.599312	-1.66803			0.519119	1.17281	1.17281	0.226868	0.8000066	-1.24999	0.0235441	1.2401	1.2401	0.0177322	1.66487	1.66487	1.97209	0.969043	0.435428	1		
cg20829834	ATXN7;ATXN7	0.175878	0.0318199	1.281612	-3.55098	0.216365	0.519324	-1.92558	0.340794	0.609923	-1.63955	0.0373649	0.296164	-3.37651	0.0637011	0.349967	-2.85741			0.404144	0.650547	-1.53717	0.126969	0.435458	-2.29644	0.995132	1.00308	1.00308	0.167537	0.476663	-2.09792	1.97205	7.92289	3.57119	1		
cg10514793	LRDD;LRDD;LRDD	0.175879	0.0603806	0.2346693	-4.26132	0.122925	0.318156	-3.13913	0.650338	0.731732	-1.36662	0.17265	0.370316	-2.7004	0.0611516	0.23594	-4.23837			0.139585	0.336848	-2.9687	0.041319	0.199716	-5.00702	0.122708	0.318416	-3.14054	0.125717	0.323715	-3.08914	1.97205	14.6317	6.59513	1		
cg27631646	ZNF721;ABCA11P	0.175881	0.8976328	1.04584	1.04584	0.693008	0.92681	-1.07891	0.277824	0.539155	1.85469	0.109911	0.188833	5.29571	0.0139705	0.722174	-1.38495			0.0715282	0.771096	-1.29634	0.153616	0.652576	-1.53256	0.0116402	0.511032	-1.95683	0.0194597	1.43796	1.43796	0.70504	0.15445	0.232788	1		
cg24154786	MYPOP	0.175882	0.151389	1.32902	1.32902	0.629787	0.914051	-1.09403	0.639886	0.916505	-1.0911	0.372765	0.844248	-1.18449	0.171265	0.763738	-1.30935			0.975959	0.99444	-1.00559	0.0150123	0.575117	-1.73878	0.420165	1.16462	1.16462	0.335553	0.832151	-1.2017	1.97203	1.06928	0.481977	1		
cg14281092	FMNL2	0.175883	0.146039	2.86286	-1.35288	0.159127	2.18224	2.18224	0.0458347	1.35791	1.35791	0.301098	0.737935	-1.35557	0.0996211	0.759106	-1.31726			0.0694427	2.96091	2.96091	0.0010987	3.8891	3.8891	0.0804007	2.82385	2.82385	0.4513	1.50716	1.50716	1.97202	9.92343	4.02223	1		
cg08903422	C17orf74	0.175886	0.415511	1.81147	-1.23233	0.386401	0.800211	-1.24967	0.132932	0.663567	-1.50233	0.312609	0.763967	-1.29977	0.894916	0.967372	-1.03373			0.518112	0.84839	-1.17876	0.0410618	0.214037	2.14037	0.697232	1.10312	1.10312	0.703284	1.07201	1.07201	1.96793	0.887047	1		
cg10020356	GUCY2D;GUCY2D	0.175888	0.0798631	17.5134	17.5134	1.079	13.2516	13.2516	0.140817	10.3137	10.3137	0.730425	1.66446	1.66446	0.457006	0.327658	-3.05196			?	?	?	0.704889	0.5709321	-1.75152	0.515522	2.64113	0.0329004	39.4716	39.4716	1.98496	60.6352	30.5474	1		
cg05241619	ACTN4	0.175888	0.3079353	1.45551	1.45551	0.318682	1.76912	1.76912	0.0678364	1.16826	1.16826	0.853935	1.17106	0.8547893	0.0551931	1.25766	-1.26324			0.673628	0.914243	-1.0938	0.8494859	1.07209	1.07209	0.867026	0.667648	-1.49779	0.267676	0.783184	1.0648	1.0372	1.99911	0.6306556	1		
cg15849465	IGF1R	0.175889	0.0694585	0.63053	-1.58597	0.844577	0.648268	-1.54257	0.139517	0.69689	-1.43495	0.793133	0.861501	1.06151	0.0302563	0.560706	-1.78347			0.443568	0.837498	-1.19412	0.104632	0.668423	-1.49606	0.838409	1.04747	1.04747	0.22512	0.748753	-1.33555	1.97199	1.61092	0.726132	1		
cg05121648	FAM155A	0.175894	0.0140054	0.7873535	-1.27017	0.231741	1.22364	1.22364	0.0550494	0.744074	1.34057	0.0550494	0.540425	1.85025	0.0134203	0.683284	-1.46372			0.337073	0.837008	-1.19505	0.0410844	0.421461	2.37237	0.196706	0.497619	2.00917	0.0796196	0.341254	2.93037	0.51796	1.96419	0.4643	0.2955	1		
cg02578070	MAN1A1	0.175895	0.154787	0.453608	-2.20455	0.599206	1.31692	1.31692	0.161393	2.17358	2.17358	0.99539	1.003	1.003	0.0705199	0.350197	-2.85554			0.281027	0.558978	-1.78898	0.0667295	2.90702	2.90702	0.77666	1.15909	1.15909	0.453693	0.672859	-1.4862	1.97196	4.16452	3.79373	1		
cg01334186	PSMB4	0.175904	0.741986	0.944019	-1.0593	0.812444	0.963351	-1.03804	0.662733	0.933388	-1.07137	0.962253	0.992594	-1.00746	0.843682	1.0315	1.0315			0.951908	0.990571	-1.00952	0.919465	1.140959	1.14095	0.440954	0.0176846	1.57337	1.57337	1.97191	0.770586	0.347362	1		
cg12738979	SLC5A3	0.175905	0.7419886	0.944019	-1.05929	0.815759	1.24959	1.24959	0.376989	1.56204	1.56204	0.196531	0.801556	1.10917	0.0615256	0.645519	-1.54911			0.975928	1.09499	1.09499	0.0312632	1.28964	1.28964	0.0945119	1.83112	1.83112	0.0194597	1.77954	1.77954	1.96834	0.533368	0.299854	1		
cg25863829	AP1S2;AP1S2;AP2Z1;AP2Z1;AP1S2;AP1S2	0.175906	0.11774	0.292411	-3.41984	0.672943	1.35974	1.35974	0.933607	0.941476	-1.06216	0.862476	1.13371	1.13371	0.0718962	0.233578	4.28123			0.209421	0.383837	-2.60527	0.0214061	0.135214	-7.39568	0.576926	1.5037	1.5037	0.210201	1.38454	-2.60055	1.97189	16.3607	7.37508	1		
cg10279685	NPHP1;NPHP1;NPHP1;NPHP1	0.175908	0.785675	0.95108	-1.05144	0.925488	1.01736	1.01736	0.0583984	1.48222	1.48222	0.971502	1.0066	1.0066	0.496356	1.13552	1.13552			0.923593	0.982502	-1.01781	0.012115	0.562416	-1.77804	0.782985	1.05212	1.05212	0.944782	1.02183	1.02183	1.97189	1.05751	0.476703	1		
cg18912574	NCRNA00174	0.175909	0.779126	1.09449	1.09449	0.365495	0.741868	-1.34795	0.266551	0.689534	-1.45025	0.22855	0.666429	-1.50054	0.0713118	0.523695	-1.90951			0.22025	1.5127	1.5127	0.0805462	1.86344	1.86344	0.65284	0.864672	-1.15651	0.160304	0.617736	-1.61881	1.97188	3.22056	1.45177	1		
cg21895200	CYB5A;CYB5A	0.175911	0.281648	1.742859	-1.35155	0.202966	1.49137	1.49137	0.0911477	1.14922	1.14922	0.0905545	0.868168	-1.15184	0.0731483	0.805841	-1.24092			0.193728	1.14783	1.14783	0.0805841	1.14922	1.14922	0.0905545	0.868168	-1.15184	0.0731483	0.805841	-1.24092	1.97187	1.13124	0.189275	1		
cg01829990	VANGL1	0.175913	0.784797	0.958119	-1.04328	0.430151	0.882815	-1.13274	0.264529	1.19677	1.19677	0.156502	0.790933	-1.26433	0.0192155	1.31003	1.31003			0.301672	0.847367	-1.18013	0.0931443	0.751351	-1.33094	0.0955194	0.753196	-1.32768	0.249004	0.829865	-1.20501	1.97186	0.748117	0.337242	1		
cg03445668	MOBK1ZC;MOBK1ZC	0.175914	0.4005102	0.719825	-1.38955	0.277654	0.72345	-1.38245	0.0995511	0.88983	-1.12384	0.0995511	0.88983	1.12371	0.0995511	0.88983	-1.12384			0.272191	0.736139	-1.35836	0.0996792	1.13206	1.13206	0.0995511	0.88983	-1.12384	0.0995511	0.88983	-1.12384	1.97186	1.12102	0.503368	1		
cg10632342	TEX101;TEX101	0.175915	0.125573	0.238849	-4.18675	0.0573651	0.156154	-6.40395	0.102798	0.233794	-4.27727	0.222378	0.330319	-3.02738	0.383634	0.462238	-2.16339			0.0993043	0.209998	-4.76195	0.0208041	0.0904033	-11.0615	0.815191	0.816893	-1.22415	0.174546	0.287224	-3.4816	1.97184	23.3017	10.5042	1		
cg00837660	SNORD74;ZBTB37;GAS5;ZBTB37	0.175921	0.0720057	0.157869	-6.33384	0.0615215	0.113913	0.653381	0.0995511	0.88983	1.12384	0.0995511	0.88983	1.08526	1.08526	0.921161	-4.52363			0.203057	0.219306	-4.56025	0.0178271	0.0972274	-10.2836	0.0995511	0.88983	-1.12384	0.0995511	0.88983	-1.12384	1.97183	1.07201	0.475536	1		
cg02594319	INPP5A	0.175923	0.295576	0.621683	-1.60854	0.0071525	0.217934	-4.58855	0.103854	0.458121	-2.18283	0.107104	0.388642	-2.57318	0.0179389	0.276007	-3.62286			0.148366	0.6553	-1.52625	0.208063	0.558966	-1.78902	0.0874705	0.934626	-1.06995	0.816171	1.10744	1.10744	1.97178	5.99724	2.70356	1		
cg23362763	TCEAL1;TCEAL1;TCEAL1	0.175926	0.0240349	0.402289	-2.48578	0.0439368	0.456899	-2.18867	0.429498	0.761214	-1.31369	0.525139	1.2434	1.2434	0.181076	0.618546	-1.61669			0.179998	0.617721	-1.61885	0.549215	1.22755	1.22755	0.946654	0.977617	-1.0229	0.979977	1.00853	1.00853	1.97178	3.57418	1.61126	1		
cg15794728	KLF12	0.175927	0.154201	1.55551	1.55551	0.0183682	1.76912	1.76912	0.0678364	1.16826	1.16826	0.853935	1.1263	1.1263	0.0824069	0.88983	1.0454	1.0454		0.021455	1.7505	1.7505	0.0228808	1.78602	1.78602	0.0874705	0.934626	-1.06995	0.816171	1.10744	1.10744	1.97178	1.24196	0.559888	1		
cg08938155	TBCA	0.175928	0.104255	0.706231	-1.41597	0.0541197	0.651757	-1.53431	0.118282	0.717399	-1.39392	0.219298	0.776476	-1.28787	0.0563298	0.654938	-1.52686			0.910255	0.97816	-1.02233	0.653488	1.09253	1.09253	0.954726	1.15883	1.15883	0.633751	1.09856	1.09856	1.97177	1.1977	0.539932	1		
cg22341188	STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1;STGAL1	0.175928	0.145462	0.599846	-1.66709	0.164821	0.616006	-1.62336	0.102128	0.557138	-1.79489	0.404171	0.756474	-1.32192	0.0112496	0.35407	-2.8243			0.233524	0.664725	-1.50438	0.834906	0.934041	-1.07062	0.251539	0.675929	-1.47945	0.106029	0.561473	-1.78103	1.97177	3.33836	1.50496	1		
cg26397265	LYRM5;CASC1;CASC1;LYRM5;CASC1	0.175934	0.30056	1.48521	1.48521	0.345625	0.774622	-1.29105	0.0675	0.576575	-1.73465	0.0675	0.537307	-1.97108	0.0246886	0.372963	-2.68123	0.0246886	0.372963	-2.68123	0.0972113	0.20869	-4.79191	0.0246886	0.372963	-2.68123	0.0246886	0.372963	-2.68123	1.96206	0.914074	0.960822	-1.0406	0.478477	1.30435	1.30435	1.97174	4.42605	1.91418	1
cg07400628	DNAIC1;DNAIC1	0.175935	0.1554651	0.772566	-1.29439	0.0918029	0.37042	0.37042	0.694196	0.06938	0.06938	0.740072	0.05815	0.05815	0.854639	1.03162	1.03162			0.960538	0.991636	-1.00843	0.0203843	0.622168	-1.60728	0.327337	0.84227	-1.18727	0.565912	1.10353	1.10353	1.97173	0.899975	0.405723	1		
cg18806512	APOA1BP	0.175935	0.284064	1.62959	1.62959	0.805075	1.11461	1.11461	0.845301	0.918156	-1.08914	0.434395	1.41909	1.41909	0.707958	1.16099	1.16099			0.210928	0.480693	-2.44682	0.251997	0.590905	-1.69232	0.102928	1.18964	1.18964	0.0572565	2.50955	2.50955	1.97173	0.61369	2.71107	1		
cg20144113	PPP1R3C	0.175936	0.0816394	0.58788	1.95788	0.506411	2.16454	2.16454	0.887071	0.951733	-1.05071	0.0454571	2.22271	2.22271	0.302372	0.689375	-1.45059			0.720592	1.13119	1.13119	0.2216263	0.646461	-1.54688	0.278697	0.675615	-1.48013	0.1872161	1.6269	1.6269	1.97173	3.78506	1.70637	1		
cg02919936	PRDM14	0.175938	0.630034	2.61912	2.61912	0.12919	30.2476	30.2476	0.348698	6.96774	6.96774	0.177214	0.052408	-19.0811	0.443563	0.209771	-4.76711			0.137176	0.0360833	-27.7136	?	?	?	0.0638743	85.8939	85.8939	0.735509	1.95604	1.95604	2.39124	120.388	31.4659	1		
cg09171127	MFHAS1	0.175939	0.338397	1.777922	-1.58551	0.4294	1.30909	1.30909	0.248895	0.648198	-1.10285	0.65272	1.16507	1.16507	0.0822469	0.857781	-1.16585			0.203851	0.719154	-1.39025	0.2128808	0.753811	1.32624	0.0977853	0.595621	-1.67892	0.113955	1.54876	1.54876	1.97171	2.04007	0.913054	1		
cg25743345	CASKIN2;CASKIN2	0.175941	0.85389	1.08232	1.08232	0.150044	0.516711	-1.93532	0.882017	1.0658	1.0658	0.318951	1.55576	1.55576	0.269008	1.63881	1.63881			0.545649	1.30008	1.30008	0.243009	0.592004	-1.68918	0.020975	3.2928	3.2928	0.213689	1.7539	1.7539	1.9717	5.74977	2.59213	1		
cg14292572	CAND1	0.175944	0.1505048	0.6642542	-1.50564	0.461472	0.76473	-1.30763	0.340841	0.79712	-1.79712	0.487544	0.656252	-1.5238	0.0678744	0.883434	-1.13247			0.621338	0.767267	-1.3432	0.0443101	0.251464	-3.97672	0.0474455	0.227776	-4.39156	0.0227372	0.180859	-5.52807	1.97169	0.62077	0.315624	1		
cg26774927	ATP6V0D1	0.175941	0.233832	1.93786	1.93786	0.0319663	1.78911	1.78911	0.0323364	3.77473	3.77473	0.664743	3.00298	3.00298	0.689607	1.23714	1.23714			0.577117	1.34795	1.34795	0.161219	2.21028	2.21028	0.107567	2.53679	2.53679	0.562873	1.36351	1.36351	1.9717	8.77368	3.95539	1		
cg12174465	C22orf32;FAM109B	0.175944	0.156184	0.592143	-1.68878	0.0634314	0.213579	2.31759	0.558241	1.22693	1.22693	0.74013	1.10455	1.10455	0.0327252	0.421864	-2.37043			0.297662	1.04554	1.04554	0.920853	0.662353	-1.50955	0.0627653	0.376071	0.890371	-1.12313	0.824016	0.925949	-1.07997	1.97169	3.72604	1.6798	1	
cg25248949	FOXP2;FOXP2;FOXP2	0.175946	0.0197504	0.3009657	-3.32377	0.0777	0.2875	-3.47826	0.0675	0.576575	-1.73465	0.0675	0.537307	-1.86091	0.0246886	0.372963	-2.68123	0.0246886	0.372963	-2.68123	0.0246602	0.14541	-6.87581	0.0246886	0.372963	-2.68123	0.0246886	0.372963	-2.68123	1.96206	0.914074	0.960822	-1.0406	0.478477	1.30435	1.30435	1.97169	4.42605	1.91418	1
cg18219418	PARP6;PARP6	0.175948	0.144764	0.327956	-3.04919	0.0494019	0.2026653	-4.93453	0.455682	0.582271	-1.71741	0.539999	0.642996	-1.55522	0.053732	0.210321	-4.75464			0.0982078	0.274984	-3.63658	0.0342011	0.172229	-5.80623	0.153665	0.337115	-2.96635	0.213831	0.393889	-2.53878	1.97166	15.8217	7.13294	1		
cg27654237	GIOP3	0.175951	0.0975534	0.375516	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg23520930	GATA2;GATA2;GATA2	0.176142	0.00845164	1.58358	-1.0585	1.88866	1.00474	1.00474	0.537161	1.2309	1.2309	0.51365	0.802343	-1.24635	0.603841	1.1901	1.1901	?	?	0.039944	0.879195	-1.1374	0.804064	0.920681	-1.08615	1.08349	3.08644	1.55606	1
cg12695685	LMO2;LMO2;LMO2	0.176143	0.719473	0.808128	-1.23743	0.414123	0.61072	-1.63741	0.0135004	0.164288	-0.68685	0.778866	0.846811	-1.1809	0.318168	0.543657	-1.83939	0.355823	1.75244	1.75244	0.0769096	0.312882	-1.31609	0.493683	1.50768	1.50768	0.31301	0.539878	-1.85227	1.97057	10.8888	4.91175	1
cg03849074	ZSCAN3;ZNF323;ZSCAN3;ZNF323	0.176144	0.794806	1.07738	1.07738	0.243373	1.41778	1.41778	0.322611	1.33935	1.33935	0.0321336	0.487832	-2.04989	0.0817534	1.73609	1.73609	0.706315	0.897397	-1.11433	0.270653	0.720369	-1.33818	0.388542	0.776683	-1.28753	0.716143	1.11008	1.11008	1.97056	2.55241	1.15135	1
cg12046882	PDE4B;PDE4B;PDE4B;PDE4B	0.176144	0.166046	1.76302	1.76303	0.997615	0.998851	-1.00115	0.644213	0.836495	-1.19546	0.137925	1.846551	1.84651	0.560145	0.797574	-1.2538	0.0480719	2.38081	2.38081	0.29599	1.51593	1.51593	0.0244556	2.79803	2.79803	0.78087	1.113	1.1153	1.70766	4.59989	2.07494	1
cg03024760	GABRG3	0.176145	0.087107	3.10156	3.10156	0.595931	1.37801	1.37801	0.970861	1.02213	1.02213	0.15491	2.4909	2.4909	0.17765	2.35922	2.35922	0.569794	1.4108	1.4108	0.0255505	2.003103	-4.92361	0.884655	0.988543	-1.01159	0.878917	1.09564	1.09564	1.70755	11.2035	5.05375	1
cg13767001	MIR759	0.176146	0.170665	0.288475	-3.49071	0.0188199	0.0875521	-11.4218	0.022819	0.0968887	-10.3211	0.0884434	0.8121308	-1.23136	0.247639	0.3549	-2.81608	0.426288	0.498554	-2.0058	0.874548	1.14497	1.14497	0.97633	1.02575	1.02575	0.727106	0.740674	-1.35012	1.70555	22.0214	10.3355	1
cg00098591	SEC16A	0.17615	0.196264	0.701526	-1.42546	0.0328403	1.91101	1.91101	0.29696	1.32383	1.32383	0.632375	0.882463	-1.13319	0.0921177	0.618166	-1.61769	0.54799	0.854093	-1.17083	0.211533	0.710733	-1.407	0.739608	1.09039	1.09039	0.976239	1.00776	1.00776	1.97053	2.10048	0.947507	1
cg02938534	AP2S1;APEX1;OSGEP;OSGEP;APEX1	0.17615	0.386762	1.10953	1.10953	0.472185	1.08945	1.08945	0.126754	1.21151	1.21151	0.855716	0.984754	-1.01548	0.967993	1.11441	1.11441	0.573712	1.06924	1.06924	0.101765	0.838511	-1.22173	0.91607	0.937607	-1.06544	0.910186	1.3917	1.3917	1.97053	0.428326	0.193214	1
cg06463010	MTA1	0.176153	0.70774	1.06701	1.06701	0.420845	1.082	1.082	0.0203667	1.61849	1.61849	0.254025	1.20265	1.10168	0.199778	1.26274	1.26274	0.821241	0.961775	-1.03974	0.728381	1.01688	1.01688	0.062467	1.43481	1.43491	0.0370396	1.51743	1.51743	1.97051	0.925623	0.417544	1
cg24810144	HCCA2	0.176153	0.729468	1.19878	1.19878	0.0829474	2.72539	2.72539	0.0883203	2.66896	2.66896	0.909498	1.06118	1.06118	0.0628114	0.335139	-2.98384	0.141855	0.438321	-2.28143	0.48218	1.45214	1.45214	0.629624	1.28888	1.28888	0.720293	0.828804	-1.20656	1.97051	8.51145	3.83947	1
cg15428378	RYR3	0.176153	0.631712	1.20685	1.20685	0.399778	1.31136	1.31136	0.79292	1.12499	1.12499	0.737679	0.877155	1.13981	0.223964	1.61583	1.61583	0.128221	0.527201	-1.89681	0.0446093	2.45401	2.45401	0.344935	1.46117	1.46117	0.0640802	2.24204	2.24204	1.97051	4.73018	2.13376	1
cg02963188	STIL;STIL	0.176154	0.803317	1.0232	1.0232	0.4779	1.06858	1.06858	0.0370136	1.24918	1.24918	0.794158	1.02433	1.02433	0.0055303	1.92502	1.92502	0.0309114	1.26231	1.26231	0.596879	1.05029	1.05029	0.364666	1.0894	1.0894	0.0518888	1.22547	1.22547	1.97051	0.263707	0.118958	1
cg06412799	HN1;HN1;HN1	0.176159	0.834402	1.13464	1.14834	0.0370336	1.33351	1.33351	0.0142973	1.23098	1.23098	0.553651	1.48599	1.48599	0.74818	0.622508	-1.21529	0.781403	1.20189	1.20189	0.980179	1.01656	1.01656	0.790859	1.19209	1.19209	0.0447535	0.218015	0.438611	1.97048	15.6383	6.15326	1
cg12496599	NCLN	0.176159	0.803175	0.832363	-1.2014	0.269124	0.429302	-2.32937	0.0462246	0.186747	-5.35484	0.782044	1.22601	1.22601	0.0178989	0.120716	-8.2839	0.128311	0.298842	-3.34625	0.177421	0.348822	-2.8668	0.826942	0.853401	-1.17453	0.192562	0.363016	-2.7547	1.70948	16.8473	7.59986	1
cg26134090	OCIAD2;OCIAD2	0.17616	0.569069	0.889864	-1.12377	0.266156	0.790635	-1.26481	0.0679902	0.660175	-1.51351	0.441330	1.17256	1.17256	0.546021	1.13188	1.13188	0.15131	0.732162	-1.36582	0.154706	0.36183	3.1683	0.100196	0.694953	-1.43895	0.1836	0.751228	-1.33115	1.97047	1.28293	0.578736	1
cg12680126	VPS16;VPS16;FAM113A;FAM113A	0.176162	0.26877	1.49599	1.24599	0.705627	0.838996	-1.1919	0.180143	1.31231	1.31231	0.101684	1.40795	1.40795	0.116455	1.10274	1.10274	0.802402	0.995797	-1.00422	0.220383	1.27894	1.27894	0.614952	1.17006	1.17006	0.232783	1.26987	1.26987	1.97046	1.13784	0.511289	1
cg13088467	MORG1;MORG1;C19orf56;MORG1	0.176163	0.0348262	0.263201	-3.79938	0.122215	0.402934	-2.48179	0.928398	1.04998	1.04998	0.873341	0.917067	-1.09043	0.137532	0.419834	-2.3819	0.447117	0.656729	-1.5227	0.0330986	0.258713	-3.86529	0.573011	0.734139	-1.36234	0.0755958	0.34187	-2.92509	0.97046	9.19011	4.14574	1
cg06834758	SPIN4	0.176166	0.99001	1.01582	1.01582	0.0560296	1.4723	1.4723	0.126693	1.34119	1.34119	0.148533	0.758087	-1.31911	0.628933	1.09093	1.09093	0.724213	0.938648	-1.06536	0.197702	0.775162	-1.29005	0.178899	1.29074	1.29074	0.162318	0.845008	-1.18216	1.97044	0.996858	0.449694	1
cg11883101	RIMBP2	0.176167	0.321884	0.755017	-1.32447	0.0367218	1.94723	1.94723	0.445933	1.23782	1.23782	0.880181	0.9614	-1.04015	0.259148	1.18164	1.18164	0.615001	0.870004	-1.14942	0.890512	0.962885	-1.03855	0.0463998	0.534461	-1.87104	0.455388	0.811575	-1.23217	1.97043	2.33524	1.06158	1
cg13884147	MAP4;MAP4;MAP4	0.176168	0.242142	0.790089	-1.26568	0.161111	0.749714	-1.33384	0.306858	0.81579	-1.22581	0.549663	1.12356	1.12356	0.294975	1.23249	1.23249	0.431894	1.16694	1.16694	0.0617608	1.49916	1.49916	0.0794924	1.45445	1.45445	0.55272	1.12254	1.12254	1.97043	1.15598	0.521477	1
cg14275880	LOC286238	0.176169	0.143394	1.7878	1.7878	0.882344	0.579734	-1.0562	0.834893	0.923814	-1.08247	0.244845	1.56753	1.56753	0.327026	0.686168	1.45733	0.404651	1.37043	1.37043	0.144793	1.0491	1.0491	0.565674	1.33915	1.33915	0.114046	1.88739	1.88739	1.97042	4.26045	1.92196	1
cg03390636	ARNT2	0.17617	0.0687617	0.297371	-3.36281	0.752716	0.828466	-1.20705	0.621684	1.34466	1.34466	0.0725237	0.308303	-3.29697	0.0331167	0.227032	-4.40467	0.435084	0.622423	-1.60662	0.0665449	0.293779	-3.40392	0.651137	0.739478	-1.35231	0.17733	0.425865	-2.34816	1.97042	1.10621	4.99029	1
cg12365453	HIPK2;HIPK3	0.176175	0.150429	1.23342	1.23342	0.0703336	1.33351	1.33351	0.0142973	1.23098	1.23098	0.553651	1.48599	1.48599	0.74818	0.622508	-1.21529	0.781403	1.20189	1.20189	0.980179	1.01656	1.01656	0.790859	1.19209	1.19209	0.0447535	0.218015	0.438611	1.97048	15.6383	6.15326	1
cg00667781	HUWE1	0.176175	0.0787199	0.294437	-3.39632	0.448238	1.62249	1.62249	0.0828193	0.300352	-3.32943	0.0464579	4.17095	4.17095	0.610631	1.37927	1.37927	0.231926	0.457764	2.18453	0.960292	0.969305	-1.03167	0.785325	0.842847	-1.18645	0.878946	0.908975	-1.10014	0.70139	12.2366	5.5202	1
cg02991513	TTC7B	0.176176	0.466672	1.16495	1.16495	0.170474	1.34619	1.34619	0.47179	1.16265	1.16265	0.738288	0.933215	-1.07156	0.109286	0.696896	-1.43493	0.117012	0.703993	-1.42047	0.14615	1.3793	1.3793	0.197205	1.72061	1.72061	0.0145737	0.385905	0.832583	-1.20108	0.70139	1.32591	0.598151	1
cg16948335	PSMD9	0.176176	0.219263	1.38159	1.24599	0.705627	0.838996	-1.1919	0.180143	1.31231	1.31231	0.101684	1.40795	1.40795	0.116455	1.10274	1.10274	0.802402	0.995797	-1.00422	0.220383	1.27894	1.27894	0.614952	1.17006	1.17006	0.232783	1.26987	1.26987	1.97046	1.13784	0.511289	1
cg17742051	CACNA1A;CACNA1A	0.176179	0.669149	0.913508	-1.09468	0.766947	0.93937	-1.06454	0.0896755	0.674534	-1.48251	0.562693	1.13107	1.13107	0.0348828	1.67773	1.67773	0.223	1.30927	1.30927	0.410212	1.19391	1.19391	0.256188	0.779248	-1.28329	0.313986	0.803206	-1.24501	1.70137	1.38205	0.623484	1
cg18455616	INPP4A;INPP4A;INPP4A;INPP4A	0.176183	0.0934188	0.317053	-3.15482	0.183375	0.128571	-1.00922	0.561593	0.83353	1.19353	0.452084	0.885155	-1.12959	0.354006	0.821033	-1.21737	0.58	1.31	1.31	0.0263982	0.188515	-5.30401	0.0826382	0.54144	-1.84698	0.0642402	0.188515	-5.30401	0.0826382	0.54144	-1.84698	0.0642402	0.188515	-5.30401	0.0826382	-2.15347	0.19035	20.1812	9.1044	1
cg05668807	EPHB1	0.176188	0.614301	1.873984	-1.14419	0.105171	0.625607	-1.59845	0.159098	0.695551	-1.43771	0.898494	1.0349	1.03049	0.529579	0.844785	-1.18373	0.963758	1.01211	1.01211	0.234105	1.39158	1.39158	0.115792	0.653806	-1.57281	0.0202241	0.472463	2.09982	1.70131	2.19004	0.988015	1
cg23185847	CAMK4	0.176188	0.315246	1.44197	1.44197	0.0743928	2.01508	2.01508	0.885392	1.05215	1.05215	0.75043	1.14322	1.14322	0.864458	0.9415158	-1.06207	0.809241	1.08898	1.08898	0.0943562	2.38683	2.38683	0.0202419	2.68266	2.68266	0.252431	1.52403	1.52403	1.97031	3.87662	1.7488	1
cg10221663	BCS1L	0.176189	0.160344	2.2771	1.29273	0.810325	0.675075	-1.04202	0.0548453	1.13796	1.13796	0.908891	0.98017	-1.02035	0.857755	1.17576	1.17576	0.020827	1.60961	1.60961	0.0144993	3.16688	3.16688	0.0154055	2.77014	2.77014	0.0503133	1.90311	1.90311	0.916447	0.0195146	0.0102	1
cg08128788	LRRC8B	0.176191	0.50178	0.826378	-1.2101	0.498532	0.825144	-1.21191	0.843995	0.946378	-1.05666	0.773233	1.08417	1.08417	0.417578	0.793158	-1.26078	0.380761	1.28594	1.28594	0.0129728	0.420923	-2.36915	0.187146	1.47861	1.47861	0.181851	0.672724	1.48849	1.9703	2.44183	1.10162	1
cg02462271	MED13	0.176194	0.280673	1.4	1.4	0.723704	0.818418	-1.22078	0.267013	1.70164	1.70164	0.0494365	0.707301	-1.4525	0.0616059	1.73507	1.73507	0.178378	0.5993	-1.66858	0.0503727	0.212464	-4.70707	0.180944	0.654107	-1.52859	0.0364794	0.196866	-5.08014	1.97029	1.39627	0.708078	1
cg12345778	WNT10B	0.176197	0.383845	1.829	1.829	0.0468329	2.65865	2.65865	0.166619	2.71055	2.71055	0.105599	3.30486	3.30486	0.382696	1.83181	1.83181	0.967267	1.02813	1.02813	0.772276	1.21678	1.21678	1.05646	0.668854	-1.49509	0.0201131	0.6579	0.6579	1.97026	14.2664	6.43631	1
cg13823411	RNF31;PSME2	0.176199	0.265988	0.809965	-1.23921	0.319482	1.20503	1.20503	0.383894	1.1757	1.1757	0.0215353	0.60624	-1.64951	0.608491	1.09819	1.09819	0.905391	1.02179	1.02179	0.66316	1.08269	1.08269	0.581908	0.904102	-1.10607	0.0961132	1.39274	1.39274	1.97025	1.02555	0.462681	1
cg14337472	PSD3;PSD3	0.1762	0.8098282	1.09468	1.09468	0.5	0.8088	0.8088	0.0267586	1.24786	1.24786	0.872063	0.95653	-1.04547	0.0923855	1.08836	1.08836	0.0759201	1.13194	1.13194	0.0509552	0.859136	-1.16457	0.0642827	0.77934	1.77934	0.0455765	0.562479	-1.77734	0.474043	1.22195	0.882355	1.97024	1.30162	1.30162	0.0478078	1
cg15842276	MTNR1B	0.176201	0.222788	1.76256	1.76256	0.880957	0.935853	-1.06854	0.340829	1.54382	1.54382	0.879941	0.935319	-1.06915	0.405242	0.6861	-1.45751	0.189436	0.540663	-1.84958	0.188544	0.540754	-1.84927	0.0240916	3.28746	3.28746	0.0410056	1.45166	1.45166	1.97024	6.10735	2.75538	1
cg04342263	SPHKAP	0.176202	0.485653	1.23792	1.23792	0.0445449	2.64279	2.64279	0.172605	1.5313	1.5313	0.633	0.659388	-1.51713	0.142153	1.52153	1.52153	0.0852	2.08	2.08	0.2298	0.955112	-1.04697	0.883376	-1.13459	0.0185535	0.42225	0.154004	0.422225	1.97024	24.6822	11.1586	1
cg08084403	CHST4;CHST4;CHST4;CHST4	0.176203	0.160305	0.498375	-2.27338	0.278845	1.85238	1.85238	0.252432	0.519687	-1.92423	0.359144	0.596764	-1.6757	0.634811	0.769534	-1.29949	0.267056	0.883339	0.883339	0.67875	-1.256	0.424591	0.314541	0.433541	0.270643	0.764838	0.307447	0.37023	0.353198	4.22013	1
cg26615176	SLC25A45;SLC25A45	0.176204	0.791576	0.852654	-1.17281	0.0116233	6.67547	6.67547	0.800168	1.16492	1.16492	0.699551	1.26288	1.26288	0.762339	0.833151	-1.20026	0.802737	1.16258	1.16258	0.222935	0.462658	-2.16143	0.0768634	3.26788	3.26788	0.921062	0.942089	-1.06147	0.70223	11.3028	5.09939	1
cg12423935	POU6F2;POU6F2	0.176207	0.660627	1.13284	1.13284	0.0745448	1.84279	1.84279	0.172605	1.5313	1.5313	0.633	0.659388	-1.51713	0.142153	1.52153	1.52153	0.0852	2.08	2.08	0.2298	0.955112	-1.04697	0.883376	-1.13459	0.0185535	0.42225	0.154004	0.422225	1.97024	24.6822	11.1586	1
cg02043651	CTSH;CTSH4;CHST4;CHST4	0.176213

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. 057 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 117 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. 047 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg03511671	PPP1A4	0.176474	0.04266303	0.562348	-1.77826	1.395401	1.21949	1.239449	0.147746	0.681752	-1.46588	2.275465	1.32294	1.322494	0.073092	0.900616	-1.11035	0.923903	0.976709	-1.02385	0.239144	1.35538	0.307722	1.10106	1.10106	0.0854091	0.625599	-1.59847	1.96872	1.89716	0.856579	1
cg13757735	PTGES3	0.176481	0.07766669	0.479611	-2.08502	2.042333	0.605306	-1.65206	0.411456	0.730021	-1.36982	0.2984	1.49762	1.497762	0.164608	1.74291	1.74291	0.380069	0.713637	1.40127	0.219351	1.62252	1.62252	0.924908	1.0342	1.0342	0.0997101	0.508628	-1.96607	1.96868	4.3775	1.97651	1
cg07642170	IRGC	0.176482	0.1067624	0.775578	-1.28936	0.0725686	1.335527	1.335527	0.832839	1.03097	1.03097	0.141274	0.79587	-1.25649	0.519185	0.910002	-1.0989	1.311446	1.163115	1.163115	0.124749	1.27106	1.27106	0.55438	1.09014	1.09014	0.4127776	0.886168	-1.12845	1.96867	0.649422	0.293225	1
cg18452149	KIAA1524;DZIP3;KIAA1524	0.176482	0.1506922	1.26177	1.26177	0.2843596	1.182767	1.182767	0.368598	1.14959	1.14959	0.0616344	1.37408	1.374082	0.594924	0.922181	-1.08439	0.121832	1.2881	1.2881	0.147448	0.790851	-1.26446	0.124506	1.2854	1.2854	0.242225	1.20294	1.20294	1.96867	0.710539	0.320821	1
cg13572369	DLG2;DLG2;DLG2;DLG2	0.176484	0.289554	0.605069	-1.6527	0.469413	1.39986	1.39986	0.0511599	2.75931	2.759371	0.590575	1.28175	1.281775	0.354087	0.646788	-1.5461	0.256751	0.582174	-1.7177	0.0954104	0.432896	-2.03003	0.156124	0.499865	-2.00054	0.545334	1.32278	1.32278	1.96866	0.512566	2.94055	1
cg07085869	TMEM71;TMEM171	0.176486	0.126867	2.59861	1.59861	0.50321	1.48083	1.48083	0.710321	1.24061	1.24061	0.0263307	1.58286	1.582864	0.482946	0.488068	1.59707	1.507072	0.832345	0.878134	-1.13878	0.745883	1.20672	1.20672	0.0364174	1.07713	0.407313	1.40093	1.96865	10.412	4.70126	1
cg12926596	BLOC1S1	0.1749	0.373826	0.697935	-1.4328	0.8089	0.46651	-2.14358	0.0626098	0.438042	-2.28289	0.56594	1.25683	1.25683	0.300302	0.6551188	-1.52628	0.851266	1.07675	1.07675	0.0197628	0.3299119	-3.03105	0.75931	1.1287	1.1287	0.712362	0.86426	-1.15706	1.96862	4.83863	2.18478	1
cg12204171	C15orf118	0.176491	0.0623484	0.440334	-2.271	0.6681679	0.450065	2.12222	0.1764454	0.570147	-1.75399	0.0376151	1.389425	-2.56756	0.185472	0.5779568	-1.73143	0.292162	0.652281	-1.53309	0.7882602	0.9800791	-1.11101	0.12956	0.5277143	-1.89702	0.0677269	0.44929	-2.22573	1.96862	4.76578	2.15189	1
cg12169536	CDH2	0.176493	0.142089	0.606039	-1.65006	0.5317553	1.222773	1.222773	0.38316	1.32812	1.328122	0.133946	1.598772	-1.67009	0.775189	1.09676	1.09676	0.693416	0.881859	-1.13397	0.0994674	1.77359	1.15058	0.6613308	-1.6305	0.122563	1.70051	1.70051	1.96861	1.31918	1.41744	1
cg14159220	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.176494	0.3761153	1.25607	1.25607	0.140392	1.48905	1.48905	0.0799243	1.62866	1.62866	0.123525	0.657861	-1.52008	0.26543	0.747274	-1.3382	0.104241	1.5618	1.5618	0.643476	0.889587	-1.12412	0.291366	1.31632	1.31632	0.567054	1.15631	1.15631	1.9686	1.96461	0.887084	1
cg10014293	MT1H	0.176495	0.0904463	1.3402	1.3402	0.1581207	1.145647	1.145647	0.0253782	1.58473	1.584731	0.187247	1.478014	1.478014	0.471331	1.59851	1.59851	0.759152	1.14201	1.14201	0.0454245	2.016457	1.14391	1.14391	0.1513354	1.84289	1.84289	0.0833453	4.794938	4.794938	0.0315443	4.902031	1.9686	12.7775	6.57909	1
cg19097280	LRRN4	0.176499	0.33451	0.746779	-1.33908	0.964441	1.01316	0.131316	0.0331497	0.48161	-2.07637	0.0120816	0.39931	-2.50432	0.217478	0.6834434	-1.4632	0.741344	0.907399	-1.10205	0.500885	0.822127	-1.21771	0.997514	1.00091	1.00091	0.914908	1.03185	1.03185	1.96857	2.68317	1.21156	1
cg22915687	PAM;PAM;PAM;PAM	0.176502	0.2362344	0.411969	-2.42737	0.1884802	0.129048	-7.75312	0.104402	0.288083	-3.56087	0.895217	1.09873	1.098731	0.779547	1.02842	1.02842	0.172233	0.354103	2.82404	0.0923456	2.661586	-3.75705	0.147856	0.32078	-3.02233	0.681186	0.744407	-1.34335	1.96856	15.9169	7.18719	1
cg24853589	SNAP25;SNAP25	0.176505	0.253227	1.89245	1.89245	0.2766635	0.42161	-4.02161	0.0253782	4.13939	4.13939	0.457835	1.52661	1.52661	0.213396	0.20457	2.01457	0.324335	1.72304	1.72304	0.0849455	2.26845	2.76845	0.133486	2.37546	2.37546	0.249148	1.90385	1.90385	1.96854	8.90874	4.02272	1
cg01125608	CEP72	0.176505	0.622391	0.760965	-1.31412	0.0793788	0.342433	-2.92028	0.117377	0.392202	-2.54971	0.62017	1.31645	1.31645	0.100738	0.371833	-2.68938	0.915291	0.943128	-1.0603	0.275422	1.86716	0.519696	1.43213	1.43213	0.0534455	0.299025	-3.3442	1.96854	9.4421	4.26356	1
cg10346619	FRMPD2;FRMPD2;FRMPD2	0.176507	0.3960886	0.760629	-1.3147	0.847464	0.94118	-1.0625	0.0082847	0.848419	-2.87011	0.178891	0.809219	-1.23496	0.242566	0.479309	-2.08634	0.709932	1.12483	1.12483	0.1645	0.551581	-1.81257	0.163284	0.532742	-1.87708	0.263636	0.610697	-1.63747	1.96845	5.58868	2.52142	1
cg21787323	TMEM126B;DLG2	0.176524	0.725349	1.15825	1.15825	0.419881	1.40989	1.40989	0.0651136	2.37071	2.37071	0.154928	1.88605	1.88605	0.107142	0.480437	-2.08144	0.794449	0.896883	-1.11497	0.543477	0.77389	-1.29217	0.12534	0.5008849	-1.99661	0.251825	1.64704	1.64704	1.96844	5.41621	2.4458	1
cg14198834	POLM;P2;POLM;P2	0.176526	0.3947311	0.853477	-1.17168	0.4877903	0.2888	-3.46281	0.0626098	0.872303	-1.14639	0.0840148	1.41552	1.41552	0.0878179	0.9641548	-1.03721	0.993857	1.00158	1.00158	0.0176509	0.6992434	-1.43012	0.288319	1.27228	1.27228	0.1225	1.35681	1.35681	1.96842	1.02989	0.465091	1
cg07077115	MTIF3;MTIF3;MTIF3;MTIF3	0.176527	0.484167	0.919407	-1.08766	0.506549	1.08291	1.08291	0.879254	1.01813	1.01813	0.395188	0.902204	-1.1084	0.0404395	1.32277	1.32277	0.40167	1.10677	1.10677	0.346283	0.891699	-1.12145	0.187185	0.8477038	-1.17965	0.0657386	1.27641	1.27641	1.96842	0.435442	0.196634	1
cg05337637	NDOR1;NDOR1;NDOR1;NDOR1	0.176531	0.8513049	1.1677	1.1677	0.1833782	0.518301	1.582284	0.1303881	1.30383	1.303831	0.682572	0.64505	-1.55007	0.477781	0.807479	-1.23842	0.868542	1.15144	1.15144	0.1756	0.775114	1.14106	1.14106	0.4068343	0.777212	-1.28582	0.1422177	0.626567	-1.596	0.98439	0.25578	1
cg24932289	BCOR;BCOR	0.176533	0.593505	1.28714	1.28714	0.0844911	0.408979	-2.44512	0.409634	0.673621	-1.48451	0.0637085	2.65555	2.65555	0.43094	0.686168	-1.45737	0.112643	0.445243	-2.24596	0.199646	1.88678	1.88678	0.590203	0.775127	-1.29011	0.57509	1.3039	1.3039	1.96838	6.84343	3.09038	1
cg00094036	THAP2;ZFC3H1;ZFC3H1	0.176535	0.0462653	0.659869	-1.51545	0.422663	1.160181	1.160181	0.419791	0.860638	-1.16193	0.105335	1.38012	1.38012	0.390246	0.854645	-1.17008	0.213476	0.787796	-1.26936	0.392544	0.852588	-1.1729	0.25624	0.5162007	1.31808	1.31808	0.968328	1.03343	0.46668	1
cg14912045	RNFT2;RNFT2	0.176535	0.219445	0.7227	-1.38377	0.1014645	0.072195	-13.8113	0.0314634	0.162128	-6.16797	0.0178591	0.389219	-2.56937	0.0423966	0.479309	-2.08634	0.45008	0.527839	1.89452	0.178034	0.305332	-3.27512	0.0619309	0.797338	-1.25417	0.16837	0.214885	0.281485	0.70191	1.3954	1
cg12732155	LAPTM5;LAPTM5	0.176536	0.32581	0.782176	-1.27849	0.608997	1.13307	1.13307	0.844294	0.953499	-1.04877	0.911566	0.715479	-1.39767	0.0112328	0.463383	-2.15804	0.427438	1.21678	1.21678	0.848457	0.954732	-1.04741	0.18488	0.711402	-1.40567	0.174661	0.70496	-1.41852	1.96837	1.82804	0.825518	1
cg27652350	ALDH1A3	0.176538	0.0758566	11.9266	11.9266	0.201586	5.42981	5.42981	0.288151	3.98889	3.98889	0.172935	0.16912	6.16912	0.0419755	18.9236	18.9236	0.856318	1.25532	1.25532	0.0593708	14.4437	14.4437	0.130593	7.75452	7.75452	0.0582238	14.6651	14.6651	1.96836	49.0696	22.1593	1
cg18915211	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHL N1;C2CB1;PPHLN1;PPHLN1;PPHLN1	0.176538	0.0459331	0.346414	-2.88672	0.0617027	0.377129	-2.65161	0.0537693	0.362476	-2.7588	0.836529	0.9087	-1.10047	0.0977904	0.430968	-2.32036	0.607695	0.786668	-1.27118	0.0795859	0.405903	-2.46365	0.143457	0.482629	-2.07199	0.34302	0.635924	-1.57252	1.96836	6.69415	3.023	1
cg07066868	RPIB2	0.176539	0.130869	0.789812	-1.26612	0.885273	1.0211	1.0211	0.032555	1.43604	1.43604	0.212563	0.827031	-1.20914	0.650217	1.06826	1.06826	0.93405	0.9881	-1.01204	0.533704	1.09449	1.09449	0.98353	1.13804	1.13804	0.0865268	2.15105	2.15105	1.96835	0.65228	0.294563	1
cg02835588	CTNNBIP1;CTNNBIP1	0.176541	0.3413377	0.748625	-1.33596	0.9574	1.62972	1.62972	0.0126788	2.37608	2.37608	0.170286	1.37698	1.376978	0.274316	0.7224201	-1.3768	0.948372	0.912511	1.09512	0.0918538	0.330012	-3.03019	0.0581372	0.612791	1.63188	1.63188	0.947155	2.04785	1.29266	1
cg26744084	GABBR1;GABBR1;GABBR1	0.176543	0.1526572	0.418148	-2.3915	0.149934	2.40755	2.407755	0.100164	2.78806	2.78806	0.0726124	3.12728	3.12728	0.926144	0.948592	-1.05419	0.987561	1.00891	1.00891	0.83265	0.886524	-1.128	0.0522712	3.51327	3.51327	0.733059	1.21515	1.21515	1.96833	10.1008	4.56147	1
cg03430605	ZFAND3	0.176549	0.250952	0.469727	-2.12845	0.0295736	0.518393	0.518393	0.301581	1.96208	1.96208	0.988932	1.00877	1.00877	0.105121	0.325374	-3.07338	0.524582	1.5009	1.5009	0.678825	1.2998	1.2998	0.507602	0.654873	-1.52701	0.226442	0.44942	-2.22509	1.96829	12.3624	5.5829	1
cg13703948	ZAP70;ZAP70;ZAP70;ZAP70	0.176557	0.2170327	0.4161	-2.40387	0.0977564	0.961884	-1.03961	0.0313965	0.801185	-1.24826	0.0899275	0.891542	-1.12165	0.0441796	0.5964864	-1.67653	0.845671	0.9557	-1.04639	0.3844106	0.7484	-1.33619	0.0204042	1.10842	1.10842	0.0982121	0.139142	1.57566	1.96829	0.254327	1.44855	1
cg10294732	H1	0.176551	0.711073	0.838063	-1.19323	0.013428	0.23375	-4.27808	0.167945	0.497701	-2.00924	0.490224	1.39481	1.39483	0.231851	0.551345	-1.81375	0.235366	0.554046	-1.80491	0.813792	0.894016	-1.11855	0.196696	0.523032	-1.91193	0.378013	1.53645	1.53645	1.96828	7.02796	3.17387	1
cg09978906	PTGR2;PTGR2;PTGR2	0.176552	0.507468	0.808778	-1.23613	0.58781	0.84154	-1.1883	0.0752604	0.535578	-1.86714	0.131965	0.598055	-1.66957	0.044368	0.482873	-2.07094	0.670049	1.14667	1.14667	0.0453155	0.484875	-2.06239	0.725134	1.11772	1.11772	0.135084	0.601797	-1.66169	1.96828	3.098111	1.39913	1
cg24315973	GSTCD;GSTCD	0.176557	0.0525853	0.318901	-3.13577	0.319641	0.586642	-1.70462	0.66653	0.798654	-1.25211	0.865604	0.915901	-1.09182	0.0797557	0.364812	-2.74114	0.263125	0.546064	-1.83129	0.0117123	0.195287	-5.12066	0.321508	0.587928	-1.70089	0.585607	0.751629	-1.33044	0.96825	8.38381	3.78625	1
cg14326644	ALK	0.176557	0.2187477	0.4161	-2.40387	0.0977564	0.961884	-1.03961	0.0313965	0.801185	-1.24826	0.0899275	0.891542	-1.12165	0.0441796	0.5964864	-1.67653	0.845671	0.9557	-1.04639	0.3844106	0.7484	-1.33619	0.0204042	1.10842	1.10842	0.0982121	0.139142	1.57566	1.96829	0.254327	1.44855	1
cg08934394	C3TA4	0.176559	0.187173	0.829158	-1.20604	0.851795	0.745247	-1.02538	0.459679	1.10615	1.10615	0.134371	1.14361	1.14361	0.304834	0.875208	-1.14259	0.13838	0.807517	-1.23836	0.657044	1.06171	1.06171	0.0719095	1.30896	1.30896	0.0768949	1.30164	1.30164	1.96824	0.559795	0.252812	1
cg26065057	GAUR1	0.176566	0.178619	0.388646	-2.57303	0.695407	1.29723	1.29723	0.400469	1.76686	1.76686	0.130082	0.339116	-2.94884	0.522914	1.53453	1.53453	0.684652	1.31002	1.31002	0.25729	0.457537	-2.18562	0.0166931	0.144785	-6.90678	0.833757	1.14913	1.14913	1.9682	13.6348	6.15781	1
cg15473475	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SL C37A4	0.176571	0.1742543	1.04183	1.04183	0.0375333	1.170916	1.170916	0.0115106	1.86187	1.70867	0.505492	1.154326	1.154326	0.645829	1.115564	1.115564	0.20955	1.12419	1.12419	0.301452	0.796661	-1.25524	0.175451	1.07775	1.07775	0.162002	1.37198	1.37198	1.96817	1.40524	0.694651	1
cg12054851	FLT1;G	0.176572	0.160216	0.640441	-1.56142	0.3306226	0.470334	-2.12624	0.0474486	0.2129	-4.69592	0.0016102	0.38817	-2.57402	0.139062	0.583413	-1.71495	0.1654604	0.87482	-1.1439	0.0619535	0.248321	-4.02813	0.0218282	0.657155	-1.52171	0.0867242	0.546034	-1.83139	1.96817	2.74948	1.24175	1
cg03508335	PLEKHA7	0.176573	0.223981	0.209109	-4.7822	0.0643106	12.7602	12.7602	0.226746	4.73356	4.73356	0.797821	1.36952	1.36952	0.0305668	0.0444751	-22.4845	0.47906	2.41448	2.41448	0.893886	1.1776	1.1776	0.556474	0.482576	-2.07221	0.980761	1.02098	1.02098	1.96816	46.7755	21.1254	1
cg18530282	CASP7;CASP7;CASP7;CASP7	0.176575	0.1942543	1.04183	1.04183	0.0375333	1.170916	1.170916	0.0115106	1.86187	1.70867	0.505492	1.154326	1.154326	0.645829	1.115564	1.115564	0.12107	0.814416	1.22834	0.0174486	0.2992626	-3.33892	0.0374384	0.892826	-1.12004	0.0910193	1.01411	1.01411	1.96815	0.681716	0.275561	1
cg02241145	GAS2L1;GAS2L1;GAS2L1	0.176578	0.623799	0.854985	-1.16961	0.7736972	0.531591	-1.88115	0.0233984	0.423846	-2.35935	0.875271	1.05104	1.05104	0.119399	0.585329	1.70844	0.804973	1.08156	1.08156	0.151244	0.614223	-1.62807	0.368776	1.33985	1.33985	0.944066	1.02249	1.02249	1.96812	3.13089	1.41405	1
cg16302846	DOCK10	0.176582	0.686974	1.08177	1.08177	0.0366858	1.165155	1.165155	0.175199	0.755968	-1.32277	0.308185	1.22705	1.22705	0.583459	0.898128	-1.11343	0.446258	0.860318	-1.1621	0.0582917	0.6602353	-1.51462	0.780929	1.05344	1.05344	0.614102	0.909082	-1.10368	0.98811	1.17431	0.529964	1
cg11646203	NFIB4;NFIB3	0.176583	0.471536	1.19184	1.19184	0.1010013	1.10568	1.10568	0.0798448	1.29896	1.298961	0.153472	0.950614	-1.07456	0.201776	1.26021	1.26021	0.532886	1.15528	1.15528	0.0776591	0.521782	-1.91651	0.217921	1.24423	1.24423	0.329633	0.790426	-1.25813	1.96811	5.623282	2.703595	1
cg13159559	CYTH3	0.1759	0.0526003	0.642506	-1.55641	0.143653	1.38278	1.38278	0.0106384	1.83163	1.83163	0.283087	0.799394	-1.25095	0.917768	1.0158	1.0158	0.342236	0.821642	-1.21707	0.411888	0.844984	-1.18345	0.19961	1.31266	1.31266	0.440811	0.854014	-1.17094	1.96807	1.25622	0.567377	1
cg00386138	EPNA4;EPNA4;EPNA4	0.176589	0.5729379	0.692502	-1.44433	0.5197107	0.627242	-1.5944	0.242464	0.83344	-1.19985	0.327947	1.14959	1.149593	0.0227497	1.324691	1.324691	0.326951	1.16679	-1.16679	0.127117	0.289591	-3.45191	0.325758	0.857425	1.16725	0.276453	0.844152	1.18822	1.96805	2.68257	1.203136	1
cg07847925	DCXR	0.176591	0.0166072	0.512437	-1.95146	0.6699249	0.629285	-1.5891	0.122171	0.681889	-1.46651	0.648935	0.900548	-1.11044	0.269805	0.769024	-1.30035	0.556405	0.872872	-1.14564	0.0585403	0.613158	-1.62978	0.694105	0.913662	-1.09455	0.189702	0.727978	-1.37367	0.98806	1.62819	0.735386	1
cg25823199	PPAP2C;PPAP2C;PPAP2C	0.176593	0.5728353	0.693013	-1.44255	0.5188684	0.631204	-1.58446	0.1210116	0.681311	0.1031	0.166	1.464473	1.464473	0.38876	1.25636	1.256356	0.431793	0.815104	-1.22684	0.0439359	1.37082	1.37082	0.117655	0.55125	1.81479	0.0627921	1.71759	1.71759	1.96806	2.08087	0.939841	1
cg01184282	ORIA4	0.176593	0.0223364	0.103549	-9.6573	0.200401	0.322378	-3.10195	0.0841314	0.202005	-4.95037	0.176199	0.360111	-3.3221	0.195496	0.31794	3.14524	0.397094	0.483951	-2.06632	0.214004	0.334514	-2.98941	0.0427845	0.114203	-7.04077	0.129127	0.253465	-3.94532	0.96805	0.81258	0.986233	1
cg03556669	TNXB	0.176593	0.102295	0.426284	-2.34585	0.025573	0.282246	-3.54301	0.0441818	0.332052	-3.01158	0.574115	1.311	1.311	0.479536	0.709806	-1.40884	0.197473	0.522222	-1.91489	0.21094	0.533363	-1.87585	0.956017	0.974042	-1.02665	0.98805	7.08809	3.2014	1
cg04729268	THOC3	0.176594	0.1205987	0.553668	-1.80648	0.2744346	0.3587	-2.78887	0.0793837	0.514307	-1.94555	0.1094553	0.6019	-1.66115	0.0157579	1.0404205	1.0404205	0.2744346	0.4962	-2.01489	0.0626187	0.2526206	-3.95896	0.0174482	0.3587	-2.78887	0.0793837	0.514307	-1.94555	1.96805	5.6243	2.73573	1
cg22115436	C7orf50;C7orf50;C7orf50	0.176597	0.612187	0.8937	-1.11894	0.352605	0.810362	-1.23402	0.101068	1.484	1.484	0.552118	1.14138	1.14138	0.0754857	0.647262	-1.54497	0.227136	0.756736	-1.32146	0.763728	0.935877	-1.06853	0.684969	1.59985	1.59985	0.853352	1.04152	1.04152	1.96802	1.50629	0.680341	1
cg00857557	MEA1;KIDC3;KIDC3;KIDC3	0.176602	0.1193023	0.8513	1.44911	0.7704604	0.518484	1.931704	0.0445	1.13851	1.13851	0.69152	1.32512	1.32512	0.0194396	0.6922597	-1.44455	0.153728	0.9947	1.00534	0.9722	0.7447796	-1.34262	0.0178955	0.920189	-1.08673	0.807554	1.39523	1.39523	1.96801	3.95764	2.01284	1
cg15375022	PRDM16;PRDM16	0.176603	0.268145	1.58018	1.58018	0.659225	0.838585	-1.19248	0.183251	0.571133	-1.75091	0.511422	0.767831	-1.30237	0.32221	0.6665544	-1.50228	0.144218	1.86315	1.86315	0.373234	0.695866	-1.43706	0.0208184	0.3316586	-3.0149	0.916903	1.04227	1.04227	1.968	4.90446	2.21521	1
cg00728486	FAM40A	0.176604	0.714442	0.95132	-1.05117	0.621364	0.934624	-1.06995	0.623187	1.06957	1.06957	0.542432	1.08734	1.08734	0.76095	0.950004	-1.05263	0.28386	0.859679	-1.16323	0.0905102	0.776246	-1.28825	0.322638	0.871431	-1.14754	0.0184644	1.47419	1.47419	1.96799	0.574805	0.259625	1
cg26913798	HOAC4	0.176605	0.6657283	0.848436	-1.17859	0.7348073	0.71474	1.40474	0.497512	1.13759	1.13759	0.207553	0.792409	-1.26202	0.127812	0.6555155	1.52553	0.569208	0.88497	-1.12998	0.656758	1.79621	1.79621	0.451597	0.849635	-1.17698	0.545091	0.878161	-1.13874	1.96798	1.04609	0.635504	1
cg25368122	UHX8	0.176606	0.2535009	0.332379	-3.00861	0.518753	1.82982	1.82982	0.276844	2.8425	2.8425	0.42711	2.11477	2.11477	7	7	7	0.73368	1.37086	1.37086	0.203479	0.2894636	-3.45499	0.0174597	14.4767	14.4767	0.832137	2.12659	2.12659	1.98083	23.791	12.0106	1
cg05463705	ZNF143	0.176607	0.5728353	0.693013	-1.44255	0.5188684	0.631204	-1.58446	0.1210116	0.681311	-1.03361	0.6566564	1.07511	1.07511	0.500033	0.895286	-1.11696	0.244359	1.37082	1.37082	0.117655	0.55125	1.81479	0.0627921	1.71759	1.71759	1.96806	2.08087	0.939841	1.96798	0.813554	0.367911	1
cg10485411	SNX8	0.176608	0.141095	0.348788	-2.86707	0.0888481	0.286826	-3.48644	0.69705	1.29737	1.29737	0.78599	0.834345	-1.19854	0.113442	0.317843	3.1462	0.313874	0.5002	-1.99961	0.0521969	0.230031	-4.34724	0.0276849	0.176906	-5.65271	0.43001	0.585054	1.70924	1.96797	13.8017	6.23396	1
cg01077846	GDF15	0.176608	0.691138	1.21487	1.21487	0.829786	1.11063	1.11063	0.441797	0.682317	-1.46559	0.166112	0.486882	-2.05388	0.183909	0.503054	-1.98786	0.836385	0.904124	-1.10604	0.00967644	0.202801	-4.93094	0.361595	0.633135	-1.57944	0.10784	0.42521	-2.35178	1.96796	7.40378	3.34413	1
cg16754613	ACSF3;ACSF3;ACSF3	0.176614	0.1189564	0.584778	-1.7105	0.4764346	0.774393	-1.29133	0.201439	0.722222	-1.38603	0.1334589	0.914037	-1.09405	0.615579	1.094553	1.094553	0.218404	0.822388	-1.21614	0.566393	1.015446	1.015446	0.985	1.54422	1.54422	0.166393	1.61284	1.61284	1.96793	1.54284	0.74598	1
cg18545433	CHN1;CHN1	0.176619	0.728286	0.807612	-1.23822	0.681775	0.494071	2.49471	0.0181993	5.7924	5.7924	0.752292	1.21408	1.21408	0.180298	0.418241	2.39097	0.555065	1.44158

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 3537)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	df
cg13826666	SARDH;SARDH	0.176771	0.196389	1.66778	1.66778	1.180454	1.70325	1.70325	0.477441	0.7630809	1.6106	0.1.40388	1.81102	1.811102	0.3113158	0.675581	1.48021	0.898413	0.9533	1.04899	0.649132	1.1871	1.1871	1.0202651	2.61604	2.61604	0.109741	1.92101	1.92101	1.98705	4.36789	1.9738	1
cg14363932	C21orf29;KRTAP10-5	0.176773	0.685852	1.11838	1.113838	1.00778906	0.390641	-2.5599	0.130454	0.638039	-1.5673	0.1.96452	0.262605	0.414803	-1.26345	0.788539	1.07676	1.076	0.983659	0.994381	-1.00565	1.084956	0.259	1.414839	1.96704	2.3581	1.0656	1
cg27661460	FAM38A	0.176777	0.746252	1.23886	1.23886	0.417016	0.578576	-1.72838	0.076574	3.6675	3.6675	0.208708	2.3971	2.3971	0.248189	2.21749	2.21749	0.0800076	3.60176	3.60176	0.0249807	5.81043	5.81043	0.167248	2.64124	2.64124	0.581749	1.44342	1.44342	1.96702	13.5579	6.12678	1
cg17541528	CDL4A1;CDL4A2;CDL4A2	0.17678	0.569762	1.11353	1.113853	0.8968898	1.02457	1.02457	0.664062	1.44995	1.44995	0.227809	0.7880009	-1.26741	0.824999	0.9593932	-1.04233	0.0940255	1.7084466	-1.4115	0.576149	1.111551	1.111551	1.146652	1.3386	1.3386	0.1010166	1.39936	1.3967	1.09164	0.4933111	1
cg13537240	CACNA3C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.176781	0.127407	0.525426	-1.90322	0.231815	0.612883	-1.63163	0.0186902	0.328665	-3.04261	0.687181	0.853818	-1.17121	0.0275388	0.361502	-2.76424	0.826332	0.917791	-1.08057	0.267962	0.63732	-1.56907	0.927752	1.03604	1.03604	0.339238	0.680756	-1.46896	1.967	4.74802	2.14563	1
cg02250594	ONECUT2	0.176783	0.67582	0.745477	-1.34142	0.701228	0.931607	-1.07341	0.321408	2.04519	2.04519	0.227619	1.36452	1.36452	0.262005	0.9418603	-1.26345	0.752646	0.8021715	-1.24733	0.519679	0.63391	-1.57751	0.00812007	0.1605	10.665	0.397284	1.83193	1.83193	1.99706	15.1965	6.86753	1
cg25755573	TAR52	0.176783	0.0508798	0.640139	-1.55997	0.608681	0.901919	-1.10875	0.202442	0.764118	-1.3087	0.403316	1.18646	1.18646	0.598638	1.11203	1.11203	0.395489	0.840321	-1.19002	0.110004	1.4166	1.4166	0.355438	1.2093	1.2093	0.159881	1.35016	1.35016	1.96699	1.24509	0.562659	1
cg02726957	ARID2;LOC400027	0.176784	0.144254	0.677193	-1.47583	0.494672	0.166831	-1.16431	0.482306	1.28907	1.28907	0.776487	1.8544158	1.8544158	0.0918284	1.6450128	1.6450128	0.725211	1.13396	1.133961	0.1019789	0.327345	-1.02488	0.534121	0.709069	1.41406	-1.25146	0.115944	0.790851	-1.26446	1.96698	3.95339	1.78656	1
cg03870360	TK2	0.176784	0.859237	0.948029	-1.05482	0.755378	0.551672	-1.81267	0.125134	0.607095	-1.64719	0.918968	0.66147	-1.51178	0.181112	0.652545	-1.53246	0.885999	1.04407	1.04407	0.12432	1.64926	1.64926	0.203978	0.668266	-1.49641	0.098121	0.579565	-1.72543	1.96698	2.81595	1.27254	1
cg00495136	KIF1A	0.176785	0.595349	0.8209159	-1.21809	0.2375241	2.610203	2.610203	0.1638921	1.22756	1.22756	0.923813	0.9654407	-1.03583	0.179549	0.597269	-1.6899	0.111196	0.536016	-1.89388	0.312533	1.62133	1.62133	0.851287	0.933257	-1.07152	0.4304612	0.743639	-1.34474	1.96698	4.21988	1.90499	1
cg03835669	C4orf36	0.176786	0.879127	0.975147	-1.02549	0.1864	0.768269	-1.30163	0.538125	0.902048	-1.10859	0.631516	0.923199	-1.08319	0.0797768	0.72504	-1.37923	0.08248	0.3727545	-1.37449	0.6688767	0.40331	-2.48031	0.40939	1.14973	1.14973	0.3727991	1.05946	1.05944	1.96697	0.851976	0.385014	1
cg10128659	INPP5A	0.176788	0.43841	1.20757	1.20757	0.212945	1.36755	1.36755	0.507854	0.851876	-1.17388	0.322841	0.783727	-1.27595	0.0317151	0.548313	-1.82378	0.292269	0.7704173	-1.2979	0.322517	1.27618	1.27618	0.928938	0.978939	-1.02151	0.0900036	0.640231	-1.56194	1.96696	1.77403	0.801702	1
cg01778908	VAC14	0.176791	0.841578	1.14651	1.12455	0.1214494	0.168994	-1.91736	0.0414948	2.051488	2.051488	0.379531	1.48128	1.48128	0.0481257	1.5223	1.947087	0.5564477	1.1312	1.131202	0.1592998	0.9131	1.1311	0.580939	0.7724268	0.812223	0.344708	1.3381	0.6644933	0.777111	-1.28682	0.6447733	0.763439	-1.3133	0.5734	1.39649	1.39649	1.96694	10.7342	4.85092	1
cg06357691	ESRRA	0.176791	0.0736593	0.469981	-2.12774	0.779121	0.899006	-1.11234	0.913779	1.04186	1.04186	0.844903	1.07698	1.07698	0.130944	0.539272	-1.85435	0.22585	1.61863	1.61863	0.0386637	2.47633	2.47633	0.863374	1.06739	1.06739	0.356975	1.4315	1.4315	1.96694	4.46645	2.01845	1
cg00570990	ADAD1;ADAD1;ADAD1	0.176792	0.150857	0.749604	-1.3449	0.219547	0.812813	-1.23129	0.193927	1.01719	1.01719	0.259342	1.21899	1.21899	0.894071	1.02267	1.02267	0.496469	1.12322	1.123222	0.1441792	1.47559	1.47559	0.197438	0.978962	-1.16569	0.153808	0.772848	-1.29391	1.96694	0.982184	0.338672	1
cg07841840	GPR18;UBAC2;UBAC2;UBAC2;GPR18	0.176794	0.41288	1.48321	1.48321	0.99074	1.00548	1.00548	0.793924	0.884019	-1.1312	0.1529981	0.93131	1.93131	0.580939	1.3002	1.3002	0.50466	1.37548	1.00622378	0.3621	5.3621	0.151015	2.064	2.064	0.1244801	1.77321	1.77321	1.96693	6.9077	3.12171	1
cg01536436	PDS5A;2;TPD52L2	0.176794	0.376759	0.793945	-1.25953	0.531717	1.17486	1.17486	0.238251	0.73033	-1.36924	0.760621	0.925207	-1.08084	0.532947	0.851583	-1.17428	0.0998099	0.632032	-1.5822	0.0552069	1.73836	1.73836	0.344124	1.28135	1.28135	0.121601	1.53256	1.53256	1.96693	2.01607	0.911098	1
cg01983248	C5orf28	0.176799	0.777437	0.873968	-1.14421	0.977078	1.01375	1.01375	0.500134	0.722368	-1.38434	0.637164	0.797837	-1.25339	0.0330292	0.305746	-3.27069	0.459002	0.698777	-1.43107	0.0139944	0.236314	-4.23165	0.10823	0.434741	-2.30022	0.254423	0.567962	-1.76068	1.9669	7.03948	3.18131	1
cg20116199	C12orf56;C12orf56	0.1768	0.0308681	0.10755	10.12809	0.6850218	0.145091	1.45009	0.2466628	0.331808	-3.01379	0.2255096	0.339331	-2.94698	0.27858	0.3.55819	-2.79179	0.599414	0.616937	-1.62091	0.1144895	0.200651	-4.97683	0.401756	2.08502	0.48012	0.2083288	0.432391	-2.31272	1.96689	25.8605	11.6911	1
cg05671758	PIGQ;PIGQ	0.176801	0.0303768	0.269453	-3.37321	0.384045	0.961504	-1.04004	0.480472	0.860564	-1.40866	0.1.40866	0.975227	2.534031	2.534031	0.226744	0.545349	-1.83369	0.922702	1.04746	1.04746	0.158494	0.486073	-2.05477	0.610076	1.27853	1.27853	0.5030358	0.722740	-1.38361	1.96689	7.11	3.2132	1
cg08901098	ARG2	0.176803	0.0413321	0.15218	-6.57115	0.10093	0.237581	-4.20909	0.820752	0.840885	-1.18922	0.106162	0.237204	-4.21578	0.0527678	0.171814	-5.82024	0.396396	0.491197	-2.0033	0.0687568	0.195993	-5.10222	0.10732	0.245076	-4.08036	0.318523	0.438326	-2.28141	1.96688	19.9378	9.01048	1
cg12392916	ING4;ING4;ING4;ING4;ING4;ING4	0.176803	0.725427	1.51031	1.51031	0.127848	0.70935	0.70935	0.025106	2.66256	2.66256	0.762866	1.86604	1.86604	0.156207	2.03042	-1.08646	0.814229	1.16373	1.31673	7	0.994224	0.99165	-1.00842	0.27628	1.78652	3.6863	1.96687	38.956	16.4087	1
cg11328022	SPAG4	0.176804	0.721747	0.945777	-1.05733	0.115142	0.765625	-1.30612	0.186591	0.803904	-1.24393	0.046956	0.701504	-1.42551	0.674043	0.936177	-1.06817	0.926215	0.985663	-1.01455	0.0128217	0.617621	-1.61912	0.229966	0.821715	-1.21697	0.72259	0.945945	-1.05714	1.96687	0.757123	0.342167	1
cg00321638	MASP1;MASP1;MASP1	0.176805	0.160915	1.7225	1.7225	0.0881163	3.41387	3.41387	0.351968	0.706828	-1.41477	0.6772621	0.544156	-1.05994	0.786603	1.103201	1.10326	0.286674	1.49031	1.49031	0.2462794	1.54835	1.54835	0.0902667	1.17603	1.17603	0.525623	1.26235	1.26235	1.96687	4.08736	1.84721	1
cg23437162	QRICH1;IMPDH2;QRICH1	0.176805	0.30672	1.497	1.497	0.11665	0.522052	-1.91552	0.686319	0.856586	-1.16742	0.0331527	0.584959	2.589	0.5109	1.29102	1.29102	0.265386	1.55665	1.55665	0.812611	1.09477	1.09477	0.326094	0.47194	1.47194	0.0710509	2.157335	2.157335	1.96687	4.52854	2.04659	1
cg15414930	KIF13A;KIF13A;KIF13A;KIF13A	0.176806	0.350691	0.706979	-1.41447	0.0223343	0.372206	-2.68668	0.727622	0.881416	-1.13454	0.792877	1.09966	1.09966	0.0971372	1.92948	1.92948	0.295289	0.675834	-1.47965	0.120995	0.544987	-1.83491	0.345478	0.704161	-1.42013	0.680154	0.861013	-1.16142	1.96686	4.05949	1.83462	1
cg13393210	PSCA	0.176808	0.0283024	0.160683	-6.22323	0.1.96455	0.0542015	1.77956	-1.92338	0.2284299	0.2284299	0.0.73684	0.0.73684	1.72443	0.0.73684	1.72443	0.0.73684	0.0.73684	1.72443	0.0.73684	1.72443	0.0.73684	1.72443

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg14526802	PDCD6IP;PDCD6IP;PDCD6IP	0.177073	0.842737	-1.181	0.795852	0.936304	-1.06803	0.511612	1.1841	1.1841	0.522649	0.846887	-1.17829	0.246373	1.36033	1.36033	0.0395143	1.83029	1.83029	0.795948	0.936334	-1.068	0.0333115	0.533167	-1.68194	0.661178	1.11846	1.11846	1.96537	2.0058	0.907174	1
cg18884942	FCRLA	0.177074	0.145697	0.294738	-3.39284	0.0144247	0.0940135	-10.6368	0.134817	0.283423	-3.5283	0.771755	0.796543	-1.25542	0.991423	0.213699	4.279	0.176594	0.3262	-3.0656	0.15353	0.302674	-3.30389	0.134939	0.283551	-3.52671	0.628897	0.68328	-1.46353	1.96537	19.0382	8.61051	1
cg06902764	SOX3	0.177078	0.145055	0.397385	-2.51645	0.203699	0.453338	-2.20586	0.926966	0.947372	-1.05555	0.0978558	2.918	2.918	0.0470749	3.81936	3.81936	0.177627	0.429627	-2.3276	0.823168	0.876352	-1.14109	0.970682	1.02191	1.02191	0.71651	1.23992	1.23992	1.96534	10.8241	4.89552	1
cg05393741	RFX4	0.177079	0.0313494	0.164225	-6.08921	0.0794451	0.981739	-1.0186	0.938526	0.946337	-1.05673	0.239746	0.434528	-2.41238	0.223685	0.4007716	-2.49553	0.441536	0.570411	-1.75352	0.908318	0.930894	-1.0859	0.214968	0.544408	0.2344	0.0360569	0.17479	-5.72117	1.96534	15.9287	7.20425	1
cg13623135	FOXH1	0.177079	0.0519519	0.10739	10.0739	0.678721	8.46842	8.46842	0.103902	0.60769	6.40769	0.181416	4.40181	4.40181	0.489663	2.0815	2.0815	0.710757	1.47567	1.47567	0.37721	2.53678	2.53678	0.0782755	7.71678	7.71678	0.0342558	13.2008	13.2008	1.96534	33.966	15.3622	1
cg26131991	C17orf70;C17orf70	0.177085	0.142983	0.432392	-2.31272	0.0596081	0.322415	-3.10159	0.0438666	0.291325	-3.43259	0.52897	0.712049	-1.40044	0.0930752	0.137917	7.2514	0.13487	0.423902	-2.35903	0.0415569	0.286188	-3.49421	0.871112	0.951777	-1.0903	0.439664	0.657287	-1.5214	1.96531	8.82437	3.99109	1
cg01326531	C9orf116;MRPS2;C9orf116	0.177092	0.0857551	4.53593	4.53593	0.384649	2.03342	2.03342	0.160995	3.29402	3.29402	0.974704	1.02557	1.02557	0.124817	0.266337	-3.75464	0.654899	0.698915	-1.43077	0.786845	1.24087	1.24087	0.10367	2.042454	-4.12449	0.169675	0.312008	-3.20505	1.96527	19.7328	8.92514	1
cg12500394	SLC9S1	0.177094	0.580616	1.24088	1.24088	0.424873	0.816873	1.19035	0.700919	1.15729	1.15729	0.113985	0.514271	-1.94552	0.492197	0.763544	-1.31068	0.233388	0.61629	-1.6233	0.908764	1.04533	1.04533	0.0837238	0.274716	-3.64012	0.710154	1.15532	1.15532	1.96525	4.65569	2.10578	1
cg07589143	DHX29;SKIV2L2;DHX29	0.177095	0.0784846	0.702869	-1.41188	0.723921	1.06459	1.06459	0.852632	1.01858	-1.03252	0.0165892	1.67596	1.67596	0.42753	0.961511	-1.04003	0.829548	1.03963	1.03963	0.326624	0.836331	-1.1957	0.834153	0.963752	-1.03761	0.227548	1.22385	1.96525	0.969448	0.438485	1
cg04695732	CEP36;CEP36;CEP36	0.177098	0.542743	1.31149	1.31149	0.037489	2.89334	2.89334	0.095851	2.23668	2.23668	0.513415	1.33869	1.33869	0.353763	1.52182	1.52182	0.0817029	2.33759	2.33759	0.0625779	2.51513	2.51513	0.0606377	2.5369	2.5369	0.84669	0.918336	-1.08893	1.96523	6.02889	2.72691	1
cg16146956	RAP1A;RAP1A	0.177099	0.339885	1.31149	1.31149	0.0774	2.42729	2.42729	0.198454	0.406342	2.46034	0.649565	0.7261	1.37747	0.0102163	0.651586	1.53485	0.642624	0.736203	1.35832	0.139002	0.530449	1.88542	0.305457	2.59599	2.59599	0.21699	0.177958	5.62377	1.96522	13.6669	6.18165	1
cg00912580	MGAT5	0.177102	0.910155	0.963174	-1.03823	0.11183	1.77814	1.77814	0.176975	1.61126	1.61126	0.752104	1.11108	1.11108	0.807045	0.920569	-1.08628	0.454486	0.77628	-1.2882	0.0537695	0.0845911	-2.07077	0.838755	0.934518	-1.07007	0.0589711	2.03166	2.03166	1.96521	3.43883	1.55543	1
cg19701879	PPARGC1A	0.177103	0.28755	0.672911	-1.48628	0.2594932	1.52444	1.52444	0.2293152	0.636152	-1.57195	0.5405123	1.24867	1.24867	0.424337	0.837857	-1.19352	0.450009	1.19771	1.19771	0.0355119	0.4158899	-2.40443	0.0906263	1.95078	1.95078	0.767115	1.112332	1.112332	1.96521	1.99962	1.80863	1
cg05163325	SNX9	0.177105	0.303015	0.569348	-1.7564	0.0208602	0.230365	-4.34093	0.352069	0.603153	-1.65795	0.723768	0.829158	-1.20604	0.109698	0.3382572	-2.51085	0.534069	0.737686	-1.35537	0.0225662	0.246767	-4.05241	0.146032	0.45871	-2.27941	0.864806	0.913962	-1.09414	1.96519	8.67509	3.9239	1
cg07054502	ANKRD11	0.177107	0.836227	0.915461	-1.09241	0.0162719	3.50635	3.50635	0.127927	2.01927	2.01927	0.7157	1.16904	1.16904	0.0973735	0.558871	-1.78932	0.405273	1.43846	1.43846	0.086811	0.992967	-1.00708	0.14319	1.95771	1.95771	0.790048	0.892312	-1.12068	1.96518	5.67431	2.56659	1
cg00402997	C9orf75	0.177108	0.0833577	0.519195	-1.92561	0.0441629	0.182941	-5.46624	0.0322717	0.163983	6.0982	0.3609	0.507991	-1.96854	0.0518889	0.202885	-4.92889	0.278076	0.443376	-2.25542	0.24296	0.43433	-2.30354	0.355911	0.504212	-1.98329	0.203899	0.380246	-2.62988	1.96518	16.1843	7.32047	1
cg08961047	RPS10	0.177109	0.391377	0.856437	-1.16763	0.2061516	1.26532	1.26532	0.35576	0.845665	-1.1825	0.410904	0.862096	-1.15996	0.0235774	0.620569	-1.61142	0.57287	0.904348	-1.10577	0.0928475	1.38585	1.38585	0.548325	0.898355	-1.11335	0.689475	0.931575	-1.07345	1.96517	0.969263	0.438419	1
cg01521851	ADAMTS8	0.177111	0.250014	1.26087	1.26087	0.703605	0.197861	-1.07775	0.116546	0.734693	-1.36569	0.345784	0.827107	-1.20903	0.2219242	0.778916	-1.28374	0.805185	0.952837	-1.0495	0.0109321	0.535559	-1.86722	0.917688	1.02042	1.02042	0.467623	0.865464	-1.15545	1.96517	1.18914	0.538057	1
cg06441139	TOX	0.177117	0.957713	0.97192	-1.02889	0.0316164	0.258305	-3.87139	0.265194	0.535953	-1.86593	0.212899	0.527744	-1.89566	0.0158889	0.202885	-4.92889	0.278076	0.443376	-2.25542	0.24296	0.43433	-2.30354	0.355911	0.504212	-1.98329	0.203899	0.380246	-2.62988	1.96518	16.1843	7.32047	1
cg25498815	ZNF385B	0.177122	0.575162	0.819505	-1.22025	0.0090427	3.21023	3.21023	0.145716	1.73167	1.73167	0.745779	0.891942	-1.12115	0.350818	0.713507	-1.40153	0.973035	1.01285	1.01285	0.973692	0.988475	-1.01166	0.910189	1.04046	1.04046	0.497093	0.784775	-1.27425	1.9651	3.84582	1.73961	1
cg08080145	KLC2;KLC2;KLC2;KLC2	0.177124	0.708578	1.08999	1.08999	0.0257239	0.219178	-1.36355	0.994836	0.999176	1.75163	1.75163	0.150923	0.635012	-1.57475	0.28238	1.32836	1.32836	1.32836	1.32836	0.0156381	0.577433	-1.7318	0.856347	0.964884	-1.04714	0.751042	1.08427	1.08427	1.96508	2.0109	0.909611	1
cg13933409	SERINC3;SERINC3	0.177126	0.136053	0.783419	-1.27646	0.457534	0.8914	-1.12183	0.0403336	0.697741	-1.4332	0.234502	0.827484	-1.20848	0.94077	0.988772	-1.01136	0.795082	0.961221	-1.04034	0.771016	1.04534	1.04534	0.0715741	1.35763	1.35763	0.345625	1.15904	1.15904	1.96507	0.718644	0.325074	1
cg22056544	TNX8; SCARF1;SCARF1;SCARF1;SCARF1;SCARF	0.177127	0.416796	1.37655	1.37655	0.12603	1.89175	1.89175	0.930538	0.966983	-1.03414	0.787923	0.901373	-1.10942	0.0278333	0.367463	-2.72136	0.0838799	0.478715	-2.08892	0.40425	0.719885	-1.38911	0.406738	0.721194	-1.38659	0.327688	0.67767	-1.47564	1.96507	4.61564	2.08786	1
cg09268718	1	0.177133	0.182587	3.23137	0.2463137	0.0466632	6.76311	6.76311	0.0632263	5.65446	5.65446	0.111385	3.86278	3.86278	0.187281	2.49697	2.49697	0.439017	1.92417	1.92417	0.0715555	3.50438	3.50438	0.07522	5.16906	5.16906	0.0812345	4.96702	4.96702	1.96504	21.3997	9.68021	1
cg06577710	HCLS1;HCLS1	0.177135	0.545861	1.24416	-1.34578	0.2025614	0.682844	-1.26446	0.137033	0.564156	-1.77194	0.652744	0.979055	-1.02128	0.0221887	0.164009	-6.09837	0.731703	1.08451	-1.08451	0.20537	0.733024	-1.61293	0.161259	0.0229946	3.377102	-2.6518	0.16504	3.97024	1.96506	1.2907	1.79507	1
cg18267434	GLRX2;GLRX2	0.177136	0.0976301	0.616559	-1.6219	0.0349023	1.92351	1.92351	0.0696215	1.71592	1.71592	0.315365	0.758633	-1.31816	0.675484	0.894019	-1.11854	0.630393	1.13769	1.13769	0.868038	1.04524	1.04524	0.757737	0.920972	-1.08581	0.969446	0.98986	-1.01024	1.96502	2.20344	0.996737	1
cg04760848	KCTD19;LRRC36	0.177137	0.246871	0.640667	-1.56102	0.0450729	0.78585	1.27385	0.433287	0.59118	1.69118	0.01911	5.19243	5.19243	0.0152613	0.379991	1.37991	0.407759	1.63431	1.63431	0.0261405	0.199023	5.02482	0.0155627	0.41819	2.391453	0.0414815	0.342615	1.72123	1.96502	10.4727	4.73799	1
cg19564877	NTN1	0.177137	0.559866	1.1705	1.1705	0.186908	0.688283	-1.45289	0.991083	1.00299	1.00299	0.685767	0.897075	-1.11473	0.349669	1.29313	1.29313	0.271584	1.35745	1.35745	0.0220111	0.208233	0.23038	0.170308	0.65419	-1.52861	0.437993	1.23522	1.23522	1.96501	2.21901	1.00379	1
cg01051583	LGMN;LGMN	0.17714	0.591528	1.33656	1.33656	0.0248469	0.239244	-4.17984	0.21425	0.496459	-2.01426	0.941138	0.961211	-1.04035	0.0703004	0.338411	-2.95499	0.509371	0.69876	-1.43111	0.0852798	0.361012	-2.76999	0.401167	1.58438	1.58438	0.68452	0.803514	-1.24453	1.965	8.92552	4.03755	1
cg08804154	CSF1R	0.177139	0.461593	1.08999	1.08999	0.0257239	0.26139	-3.82163	0.16139	0.398768	-2.50911	0.0700919	0.15729	-1.17279	0.0117683	0.127433	-7.84813	0.722624	0.905863	-1.10394	0.477363	0.82624	-1.21017	0.455748	0.88289	-1.13258	0.411928	0.513008	1.12054	1.16498	0.825284	1.96499	1.32054	0.446499	2.88037	1
cg11538920	MAN1C1	0.177142	0.134539	0.728237	-1.37318	0.419319	0.17608	1.17608	0.91391	0.978969	-1.02148	0.0726371	0.674591	-1.48238	0.644714	1.08949	1.08949	0.0175529	0.566639	-1.76479	0.615919	1.10452	1.10452	0.397474	0.843422	-1.18565	0.838673	0.960725	-1.04088	1.96499	1.20225	0.543852	1
cg07736522	CELSR1	0.177143	0.0565913	0.668256	-1.49645	0.0239454	0.194127	-5.15116	0.0810616	0.234001	4.27317	0.0984477	0.182437	5.48161	0.0114227	0.0955533	10.4673	0.0771884	0.514237	1.94477	0.0172544	0.129829	7.70138	0.0085089	0.350581	-2.85304	0.0127934	0.0845454	1.1181	1.1181	0.668013	1.96498	0.927394	0.718455	1.39191	1
cg20936920	GRM7;GRM7	0.177142	0.164123	0.659806	-1.5156	0.0913425	1.68333	1.68333	0.428981	0.797607	-1.25376	0.736976	0.909909	-1.09901	0.0281984	0.483927	2.06643	0.682613	1.891234	-1.12204	0.114183	0.617996	-1.61813	0.357684	0.7672161	-1.30334	0.394474	0.783269	-1.2767	1.96499	2.44127	1.10434	1
cg04572930	FOXK1	0.177148	0.27682	0.220581	-4.53349	0.274037	0.218496	-4.57674	0.675682	1.75463	1.75463	0.83265	1.32539	1.32539	0.0247726	0.030167	-32.662	0.478051	0.381412	-2.62184	0.0631427	0.0612382	-16.3297	0.0602175	0.0588712	-16.9862	0.153465	0.129712	-7.70939	1.96495	55.5731	25.1397	1
cg12086160	MAML1	0.177153	0.0978757	0.582816	-1.71594	0.19746	0.684557	1.22	0.185386	0.38213	2.61849	0.258948	0.172923	-5.78191	0.0179623	0.140268	-7.12955	0.681157	1.13403	1.13403	0.0998207	0.584338	-1.71134	0.314818	0.741834	-1.34801	0.0952562	1.16654	1.16654	1.96494	2.15688	1.10206	1
cg06177254	AQP11 FAM172A;FAM172A;FAM172A;FAM172	0.177153	0.193781	0.551411	-1.81353	0.0287625	0.327387	-3.05449	0.361632	0.666319	-1.50078	0.905804	0.950042	-1.05259	0.0136925	0.26716	-3.74308	0.311208	0.635329	-1.57399	0.481086	0.733401	-1.36351	0.844463	1.08876	1.08876	0.476582	0.730988	-1.36801	1.96493	5.83321	2.63881	1
cg09629324	A	0.177158	0.574893	1.21629	1.21629	0.0418018	0.442885	-2.25792	0.411269	0.748031	-1.33684	0.432019	1.31928	1.31928	0.0730471	0.50262	-1.98958	0.428699	1.32203	1.32203	0.425201	1.32496	1.32496	0.170162	0.603626	-1.65665	0.21862	0.639484	-1.56376	1.9649	3.71549	1.68083	1
cg04337611	DDX60L	0.177158	0.892107	0.957698	-1.04417	0.0380877	0.465017	-2.15046	0.1174	0.58179	-1.71883	0.108041	0.564202	-1.77241	0.332848	0.727488	-1.37459	0.764042	0.908573	-1.10063	0.022446	0.418558	-2.38915	0.278036	0.698195	-1.43226	0.905101	1.03872	1.03872	1.9649	3.15664	1.42801	1
cg11440044	DSTYK;DSTYK	0.177159	0.229178	0.649667	-1.54002	0.0243835	0.47737	-2.09504	0.0958	0.377788	-2.64705	0.0917981	0.193015	-5.18062	0.0317321	0.184609	-5.41702	0.256091	0.808403	-1.23683	0.0464287	0.600793	-1.66447	0.741771	1.24901	1.24901	0.327486	0.506769	-1.97328	0.98649	0.971774	0.36556	1
cg26445541	EP400	0.177159	0.930486	1.03364	1.03364	0.68504	1.32273	1.32273	0.196279	1.67893	0.0122756	0.306427	-3.26342	0.309289	0.6709888	-1.49034	0.239489	0.626819	-1.59536	0.353174	0.696091	-1.44359	0.896229	1.05073	1.05073	0.480054	0.764593	-1.30788	1.96489	4.47507	2.02446	1
cg18253629	ZNF507;ZNF507	0.177163	0.812178	1.03358	1.03358	0.0777722	1.1516	1.1516	0.734001	1.14237	1.14237	0.0904477	0.771884	-1.29553	0.0214237	0.738547	-1.35398	0.316284	1.31142	1.31142	0.0705402	0.420328	2.37961	0.0964824	0.608832	-1.64288	0.0425455	0.408832	-2.44679	1.96487	1.11247	0.548657	1
cg21506800	CCDC151	0.177173	0.838628	0.864795	-1.15634	0.061282	0.222646	-4.49144	0.0623883	0.224417	-4.45598	0.0602898	0.221042	-4.52403	0.11589	0.296001	-3.37837	0.191121	0.373051	-2.6806	0.191909	0.375779	-2.67538	0.434618	0.566707	-1.76458	0.382793	1.80192	1.80192	1.96481	15.7921	7.14442	1
cg03798575	PDCD6IP;PDCD6IP;PDCD6IP	0.177177	0.0524563	0.649363	-1.65021	0.0464599	0.600348	-1.51368	0.168	0.406888	-2.45834	0.0265913	0.55048	-1.81662	0.481495	0.966683	-1.03446	0.771751	0.936968	-1.06768	0.565961	0.809063	-1.23567	0.610908	0.669261	1.494	0.0174362	-1.99985	1.9648	1.60543	0.726308	1
cg04597975	PTP4A3;PTP4A3	0.177182	0.126914	0.536868	-1.86252	0.374515	0.187612	-5.33195	0.20112	0.0235849	0.557816	-1.79473	0.334692	0.884507	-1.46091	0.204782	0.603251	0.166305	2.52184	0.634625	-1.57573	0.284371	0.055228	0.521916	0.921322	0.96314	0.0382717	0.946476	0.98211	-1.01827	1.96476	0.49705	0.203453	1
cg27320981	C19orf26	0.177183	0.0312069	1.76255	1.76255	0.317328	1.25954	1.25954	0.0394189	1.71864	1.71864	0.83026	0.953428	-1.04885	0.297647	1.27268	1.27268	0.743565	0.92965	-1.07567	0.0892299	1.52597	1.52597	0.34609	1.2417	1.2417	0.520857	0.865162	-1.15585	2.03565	1.5722	0.59486	1
cg08732603	SIRT1;SIRT1	0.177183	0.204931	0.75	1.33333	0.0995155	0.193765	1.31129	0.166139	0.987682	-1.01239	0.0717683	0.382724	-2.61332	0.301871	0.655459	-1.52562	0.226	2.22586	0.685763	0.112508	0.411928	2.42734	0.0858853	0.144651	1.44651	0.146476	0.1332	7.50751	1.96475	1.11928	0.28037	1
cg19123356	FAM49B	0.177185	0.857612	0.938851	-1.06513	0.108793	1.84877	1.84877	0.116819	1.81963	1.81963	0.610781	1.19761	1.19763	0.122101	0.555033	1.80169	0.655643	1.17081	1.17081	0.628166	0.842427	-1.18705	0.0487801	2.20487	2.20487	0.33154	0.704373	-1.4197	1.96475	3.84124	1.73785	1
cg10230314	HORMAD2	0.177186	0.115262	0.551836	-1.81217	0.112196	0.504003	-1.98393	0.0743144	0.503609	-1.98567	0.246584	0.657812	-1.52015	0.0199983	0.551075	2.8484	0.174821	0.629545	-1.58833	0.0721	0.0996853	-1.00259	0.274624	0.629534	-1.58809	0.0308537	0.695198	-1.43844	0.98375	3.70274	1.67518	1
cg04381741	THAP5;THAP5;DNAJB9	0.177188	0.224452	0.783279	-1.27662	0.112536	1.39194	1.39194	0.284123	0.712891	-1.40298	0.284423	0.712921	-1.40298	0.0779955	0.473038	2.11468	0.0196457	0.583008	-1.71524	0.0472738	0.14836	6.74126	0.0891447	0.974201	-1.02648	0.741973	0.938714	-1.06529	1.96473	1.14921	0.515855	1
cg17197870	ZNRD1;ZNRD1;NCRNA00171 SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.17719	0.136464	0.405099	-2.46853	0.0839633	0.340505	-2.93595	0.362683	0.592867	-1.68672	0.503101	0.680225	-1.4701	0.0435801	0.270652	-3.69479	0.114009	0.3797	-2.63366	0.0339457	0.249797	-4.03264	0.0860063	0.343508	-2.91114	0.275471	0.527819	-1.89459	1.96472	9.87125	4.466	1
cg04392082	S2;SORBS2;SORBS2	0.177192	0.570193	0.624579	-1.60108	0.867497	0.871996	-1.14679	0.273389	2.54724	2.54724	0.759976	0.777743	-1.28577	0.772744	0.88758	-1.2681	0.244538	0.368387	-2.71454	0.00827989	0.0627012	-15.9487	0.21431	0.342175	-2.92248	0.612603	1.52022	1.52022	1.96471	20.9374	9.47268	1
cg08320909	C10orf137	0.177193	0.355327	0.844526	-1.18288	0.0293843	1.57351	1.57351	0.154457	1.38064	1.38064	0.178281	0.95364	-1.04861	0.807021	1.04419	1.04419	0.943945	0.987215	-1.01295	0.8860595	0.855651	-1.16825	0.0441928	0.856456	-1.1676	0.429492	0.866917	-1.15351	1.96467	0.971299	0.439445	1
cg04149356	EBF1	0.1772	0.174185	1.71343	1.71343	0.22062	0.618963	-1.61561	0.0121188	0.316804	0.311926	-3.20589	0.874977	0.943032	-1.06041	0.682067	1.16692	1.16692	0.399538	1.37888	1.37888	0.591104	1.22389	1.22389	0.327346	0.787758	-1.26943	0.895233	0.952106	1.0503	1.96467	4.31795	1.9536	1
cg08684761	ANAPC4	0.177203	7	7	7	0.659047	1.30087	1.30087	0.127052	0.158384	-2.7903	7	7	7	7	0.121426	2.84602	2.84602	0.122632	0.352888	-2.83376	0.887952	1.08676	1.08676	0.24942	6.79878	2.81008	1
cg22112360	SEPT9;SEPT9;SEPT9	0.177217	0.165706	0.562699	-1.77715	0.199514	1.69421	1.69421	0.143867	1.20237	1.20237	0.366633	0.697155	-1.4344	0.0549015	0.428802	-2.33208	0.443751	0.722536	-1.38401	0.0915915	0.491869	-2.03306	0.293637	0.654613	-1.52762	0.0766826	0.464939	-2.15204	1.96457	4.70726	2.12985	1
cg05692420	RAB11FIP1;RAB11FIP3	0.177217	0.904325	1.04093	1.04093	0.0306973	0.794625	1.79045	0.0405934	0.513388	0.803632	0.19132	1.19132	0.52834	0.642769	-1.55577	0.817226	1.1737	1.1737	0.123539	0.31534	0.317118	0.697561	1.3102	1.3102	0.538597	1.53842	1.53842	1.96457	14.8929	6.73842	1
cg06505080	SRM42	0.177218	0.0958548	0.615545	-1.62468	0.0423234	0.180543	-5.53844	0.0862	0.220483	-4.53602	0.0862	0.180543	-5.53844	0.0862	0.0319305	-31.3161	0.0180357	0.517218	-1.93305	0.0661	0.0241116	-41.4661	0.0115976	0.0661	0.0241116	-41.4661	0.0115976	0.0241116	-41.4661	0.0115976	0.0241116	-41.4661	0.0115976	1.96456	0.0241116	0.0241116	1
cg02541125	INPP5A	0.177219	0.500975	1.17594	1.17594	0.11597	0.666735	-1.49985	0.256804	0.755165	-1.32421	0.0802875	1.58464	1.58464	0.0711671	0.619882	1.61321	0.690889	1.09948	1.09948	0.246075	0.749892	-1.33352	0.340948	1.26218	1.26218	0.845321	0.954714	-1.04743	1.96456	1.75159	0.792531	1
cg04810065	POPDC3	0.17722	0.436314	1.14405	1.14405	0.104069	0.739967	-1.35141	0.840281	0.10479	0.10479	0.97125	0.994017	-1.00602	0.853784	0.850722	-1.17547	0.559566	0.904851	-1.10515	0.0113691	0.308159	3.24511	0.0538485	0.7427	1.34715	0.748077	0.772201	0.952001	-1.05042	1.96456	0.89346	0.404258	1
cg04617251	CNTN5;CNTN5	0.177222	0.372983	0.736145	-1.35813	0.194388	0.276596	3.61727	0.0013	0.143992	6.94201	0.0212122	0.122122	8.19255	0.0174025	0.0190853	52.4028	0.0777744	0.0940286	10.6349	0.0012	0.0012	833.333	0.0012	0.0012	833.333	0.0012	0.0012	833.333	0.0012	0.0012	833.333	0.0012	0.0012	1.96455	0.0012	0.0012	1
cg04029926	NTSC3;NTSC3 GLTBD1;GLTBD1;GLTBD1;GLTBD1;SPCS	0.177223	0.500127	1.13403	1.13403	0.762101	1.05738	1.05738	0.521376	1.12686	1.12686	0.251746	0.802495	-1.24611	0.0914957	0.710707	-1.40705	0.745378	1.06171	1.06171	0.0915731	1.40692	1.40692	0.061762	0.679324	-1.47205	0.31102	1.21242	1.21242	1.96454	1.05071	0.475414	1
cg22500585	1	0.177225	0.771535	0.925892	-1.08004	0.426456	1.29955	1.23955	0.271248	1.35378	1.35378	0.724402	0.910631	-1.09814	0.0718548	1.04265	1.04265	0.469965	1.24157	1.24157	0.0071202	0.398796	-2.50755	0.778522	0.928147	-1.07742	0.600528	0.869595	-1.14996	1.96452	2.17601	0.984578

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5638 vs. N)	Fold-Change(5638 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	df(Test)	df(Error)
cg12537003	RAP1GAP2;RAP1GAP2	0.177398	0.455679	0.647414	-1.54461	0.0107844	0.159962	-6.25148	0.663863	0.778633	-1.2843	0.647245	1.30166	1.30166	0.184129	0.446548	-2.2394	0.15162	0.41516	-2.40871	0.605035	0.7419	-1.34789	0.0663927	0.307858	-3.24825	0.8360114	0.888158	-1.12593	1.96356	10.183	4.60976	1	1
cg11803771	SIPA1;SIPA1 NCOA4;NCOA4;NCOA4;NCOA4;NCOA4;	0.177401	0.507216	0.790386	-1.26252	0.48791	1.27938	1.27938	0.105752	0.539146	-1.85479	0.529187	0.800216	-1.24966	0.92453	1.03368	1.03368	0.174825	1.65623	1.65623	0.0219653	2.61384	2.61384	0.794104	1.09575	1.09575	0.372423	0.72604	1.37733	1.96354	3.80115	1.72076	1
cg03172717	NCOA4	0.177408	0.590483	1.10354	1.10354	0.0490961	0.665385	-1.50289	0.228698	0.795247	-1.25747	0.284852	0.817531	-1.22319	0.0450724	1.51743	1.51743	0.689554	1.07554	1.07554	0.484144	1.13763	1.13763	0.590545	0.906191	-1.10352	0.472974	1.14153	1.14153	1.96351	1.02276	0.46301	1	
cg11889769	CTHRC1	0.177408	0.541312	1.33006	1.33006	0.661569	0.816489	-1.22476	0.0372327	0.309005	-3.2362	0.611566	1.26605	1.26605	0.137298	0.469908	-2.12808	0.455759	1.42071	1.42071	0.132619	2.15173	2.15173	0.169316	1.98996	1.98996	0.749619	0.863107	-1.1586	2.18095	6.93761	2.12066	1	
cg07526221	ACVR2A	0.177408	0.354757	0.827801	-1.20802	0.960616	0.990245	-1.00885	0.153169	0.3548	0.3548	0.8633	1.0348	1.0348	0.0157399	0.555637	-1.7993	0.214477	0.771496	-1.29618	0.922289	1.03956	1.03956	0.127149	0.720733	-1.38748	0.7959008	0.949848	-1.0528	1.96251	1.22543	0.554756	1	
cg27508144	TGFB2;TGFB2	0.177408	0.990075	1.00228	1.00228	0.124175	1.35612	1.35612	0.0085894	1.84724	1.84724	0.748147	1.06076	1.06076	0.498191	1.13417	1.13417	0.745686	0.942157	-1.06139	0.920788	0.981954	-1.01838	0.293274	0.819052	-1.22092	0.438535	1.15565	1.15565	1.96351	1.04243	0.471912	1	
cg04681579	TRIM73;TRIM74	0.177409	0.250055	2.62368	2.56288	0.0215553	2.66283	2.66283	0.181184	0.450642	-2.40136	0.29906	0.450545	2.35304	0.0371042	0.150102	-6.66206	0.580584	1.54799	1.54799	0.366054	2.47782	2.47782	0.260375	2.50719	2.50719	0.537545	0.613374	-1.63093	1.9635	19.0638	8.63028	1	
cg16260888	MYK;MYK	0.177413	0.040186	0.487056	-2.05315	0.139761	0.612067	-1.63381	0.150122	0.620817	-1.61063	0.410012	0.709817	-1.29733	0.936779	1.02481	1.02481	0.14624	1.6191	1.6191	0.126613	1.46748	1.46748	0.544484	1.20866	1.20866	0.958534	0.984065	-1.01619	1.96348	2.96825	1.34376	1	
cg11465769	MYT1L	0.177413	0.912727	1.03903	1.03903	0.0166202	0.360084	-2.77713	0.793846	1.09577	1.09577	0.374232	0.72722	-1.3751	0.138291	0.572755	-1.74595	0.196121	0.620409	-1.61184	0.915924	0.963793	-1.03757	0.102482	0.535783	-1.86643	0.0831986	0.511805	-1.95387	1.96348	3.79267	1.71698	1	
cg00547018	ALG1	0.177416	0.217301	1.65734	-1.52037	0.413345	1.29552	1.29552	0.139506	0.477869	2.09262	0.226405	0.603474	1.50655	0.0233406	0.664814	-1.50419	0.092808	0.5499	-1.81851	0.377435	1.33953	1.33953	0.0979241	1.41692	1.41692	0.757566	1.1051	1.1051	1.96346	3.23959	1.46661	1	
cg25972219	ACAD10;BRAP;ACAD10;BRAP	0.177417	0.756467	0.950356	-1.05224	0.0297845	1.5198	1.5198	0.628953	1.08296	1.08296	0.592423	0.983476	-1.01587	0.947213	1.0109	1.0109	0.174077	1.26703	1.26703	0.09007	1.00204	1.00204	0.387842	1.15589	1.15589	0.0158307	1.62223	1.62223	1.96346	0.8331227	0.37717	1	
cg10631186	CDK5R1	0.177421	0.418406	0.810226	-1.23422	0.828813	1.05735	1.05735	0.157116	1.46975	1.46975	0.164824	0.685824	-1.4581	0.740789	0.918981	-1.08816	0.185782	0.699728	-1.42913	0.0352681	0.535779	0.535779	-1.86644	0.865022	0.957624	-1.04425	0.15967	1.46582	1.96343	2.01422	0.911879	1	
cg14381550	P9	0.177423	0.237668	1.87402	1.87402	0.0487309	1.13606	1.13606	0.297024	1.71347	1.73147	0.309441	1.70587	1.70587	0.644942	0.790097	-1.26567	0.22011	1.92448	1.92448	0.0227528	3.99148	3.99148	0.105178	1.45702	1.45702	0.164076	2.12531	2.12531	1.96343	8.01708	3.62952	1	
cg03030419	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFI P1	0.177425	0.180054	0.552742	-1.80916	0.503355	1.32686	1.32686	0.23532	0.595743	-1.67858	0.046697	0.387359	-2.58159	0.0324299	0.352463	-2.83718	0.616676	0.810453	-1.23388	0.19358	0.563918	-1.77331	0.594986	1.25037	1.25037	0.174315	0.547846	-1.82533	1.96341	5.39233	2.44125	1	
cg26350754	HLA-DPB1	0.177427	0.220193	0.471807	-2.11951	0.221081	0.472558	-2.11614	0.144178	0.400819	-2.49489	0.311776	0.543465	-1.84004	0.703519	1.24959	1.24959	0.592205	0.729727	-1.37037	0.206191	0.17499	0.17499	0.414043	1.62674	1.62674	0.0255077	0.212194	-4.69615	1.9634	10.5597	4.78066	1	
cg19256236	KDM3	0.177428	0.107862	1.93245	-1.36525	0.248614	0.91663	-1.09095	0.0717911	1.42874	1.42874	0.474234	1.13786	1.13786	0.794001	1.06224	1.06224	0.154429	1.31062	1.31062	0.460707	0.859916	-1.16372	0.0931777	0.720556	-1.38782	0.497141	1.13013	1.13013	1.9634	0.9792	0.449313	1	
cg16088116	SIK1	0.177428	0.89265	1.0604	1.0604	0.869972	0.913132	-1.07375	0.961203	0.979147	-1.02113	0.832747	0.912244	-1.0962	0.77384	0.882378	1.1333	0.828	1.09911	1.09911	0.943073	1.03302	1.03302	0.0945045	0.178207	-5.61144	0.866134	0.920343	-1.07603	1.9634	5.86572	2.65559	1	
cg24281071	PPP2R2C	0.17743	0.627009	0.914071	-1.09401	0.189607	1.29036	1.29036	0.461399	1.14749	1.14749	0.513915	0.885634	-1.12913	0.283134	0.814968	-1.22704	0.0767866	0.696911	-1.4349	0.0592635	1.47802	1.47802	0.160868	0.759732	-1.31625	0.917453	0.981159	-1.0192	1.96339	1.04675	0.473899	1	
cg14571194	AGAP2;AGAP2-AS1;AAO2427 RPAP3;RPAP3;RPAP3;RPAP3;RPAP3;RPA P3	0.177431	0.704077	0.883111	-1.13236	0.594626	0.835856	-1.19644	0.445603	0.559392	-1.78353	0.977409	0.990405	-1.00948	0.12629	1.7357	1.7357	0.645804	2.15131	2.15131	0.140882	1.32357	1.32357	0.0425384	1.7379	1.7379	0.317238	0.70846	-1.41151	0.96337	3.45573	1.54643	1	
cg16605745	P3	0.177438	0.860601	0.948484	-1.05431	0.644502	0.869525	-1.15005	0.194074	1.51198	1.51198	0.871501	1.04092	1.04092	0.0572584	0.523507	-1.9102	0.0754374	0.551261	-1.81402	0.0744173	1.81867	1.81867	0.559449	0.837279	-1.19434	0.787918	1.08452	1.08452	1.96334	2.81542	1.27466	1	
cg04528554	PIP5K1C	0.177438	0.277143	0.637017	-1.56982	0.793243	0.900501	-1.11049	0.96661	0.983437	-1.01684	0.87602	0.939607	-1.06427	0.0286558	0.357025	-2.80093	0.0322222	0.367608	-2.72029	0.0406478	0.389432	-2.56784	0.696612	0.855275	-1.16921	0.382656	1.609629	-1.42933	1.96334	4.94997	2.24106	1	
cg08360511	SYT7	0.177439	0.194985	0.4827	-2.07168	0.4649901	0.297727	-3.35878	0.0669263	0.335788	-2.97807	0.350738	1.66581	1.66583	0.911586	0.94269	-1.06079	0.674421	1.25169	1.25169	0.316497	0.576813	-1.73306	0.689413	0.807791	-1.23794	0.153008	2.25495	2.25495	1.96334	8.77857	3.97445	1	
cg18559483	MMP17	0.177439	0.081005	0.371691	-2.69708	0.157188	0.426721	-2.34318	0.177125	0.848616	-1.17839	0.433647	0.688531	-1.45159	0.0132464	0.301137	-3.32104	0.2916	0.787361	-1.27007	0.0679065	0.639724	-1.56317	0.353868	1.23169	1.23169	0.150505	0.714144	-1.40028	1.96333	1.48409	0.673914	1	
cg23895096	PFDN2	0.17744	0.5178	1.15401	1.15401	0.153096	1.39584	1.39584	0.16713	0.724885	-1.33953	0.240732	1.30777	1.30777	0.784952	0.941955	-1.06158	0.802864	1.18571	1.18571	0.065704	1.89479	-1.86667	0.0254454	0.47233	-2.11653	0.0520454	0.47233	-2.11653	1.96334	8.14809	3.67191	1	
cg03370293	CC12B	0.177444	0.394148	1.79069	-1.79069	0.348533	0.826383	2.60283	0.373131	1.84103	1.84103	0.917526	0.993196	1.00695	0.0231446	0.422424	2.42384	0.182864	1.18371	1.18371	0.065704	2.48667	-2.48667	0.0254454	0.47233	-2.11653	0.0520454	0.47233	-2.11653	1.96334	8.14809	3.67191	1	
cg26284920	SGCD;SGCD;SGCD	0.177446	0.116126	0.391203	-2.55622	0.544291	1.40115	1.40115	0.950311	1.03447	1.03447	0.189726	0.466068	-2.14561	0.0432417	0.319052	3.13428	0.173322	0.450996	-2.21731	0.0712942	0.330494	-3.02577	0.127344	0.404066	-2.47484	0.0725867	0.332536	3.00719	1.96333	3.39295	4.25262	1	
cg22288657	RNMTL1	0.177441	0.634298	1.25777	1.25777	0.252904	0.564678	-1.77092	0.588858	1.29842	1.29842	0.991513	0.994923	-1.0051	0.0166182	0.246658	-4.0542	0.0956648	0.416476	-2.4011	0.181362	0.507095	-1.97202	0.896116	0.939397	-1.06451	0.126712	0.453584	-2.20466	1.96333	7.12173	3.22434	1	
cg01777913	PHB2;SCARNA12;PHB2	0.177445	0.38183	1.63637	-1.63637	0.175194	0.583161	-1.71494	0.0104308	0.288288	-3.46756	-1.59322	0.663275	1.50788	0.0472438	2.16504	2.16504	0.138293	0.447406	-2.23479	0.0407931	0.333746	-3.00884	0.425155	0.663333	-1.50754	0.222284	0.527901	-1.89429	1.96328	7.89871	3.5762	1	
cg02069519	EPS15	0.177452	0.725125	0.849011	-1.17784	0.510016	0.713555	-1.36322	0.682029	1.21046	1.21046	0.250683	1.74459	1.74459	0.0146565	0.248253	4.02815	0.859273	0.921009	-1.08577	0.050236	0.355245	-2.81496	0.477243	0.71529	-1.39803	0.726329	0.849651	-1.17695	1.96326	6.68446	3.02647	1	
cg18758233	FGF14;FGF14	0.177453	0.322356	1.76422	1.76422	0.0440408	0.768606	1.30163	0.0183661	0.556556	1.79847	0.758833	1.35349	1.35349	0.0144853	0.561741	-1.78035	0.012557	1.34144	1.34144	0.0102504	1.37328	1.37328	0.0115251	1.4136	1.4136	0.0508102	0.709583	-1.40915	0.0065502	0.520754	1.92192	0.369151	1	
cg04497094	CLTC	0.177453	0.475753	1.5531	1.5531	0.0114513	0.146485	-6.82664	0.179428	0.420751	-2.3767	0.697368	1.26775	1.26775	0.244734	2.0933	2.0933	0.731446	2.23263	2.23263	0.769239	1.19554	1.19554	0.568681	1.4187	1.4187	0.560841	0.699761	-1.42906	1.96326	11.4598	5.18857	1	
cg05340032	MFSD3	0.177454	0.916185	1.02003	1.02003	0.00744748	1.91419	1.91419	0.477827	1.14564	1.14564	0.946191	1.01284	1.01284	0.738066	1.06527	1.06527	0.789808	1.05162	1.05162	0.813162	0.955941	-1.04609	0.0652676	1.47683	1.47683	0.229847	1.26791	1.26791	1.96324	1.10369	0.499712	1	
cg27131462	WFIKKN1	0.177457	0.302341	1.96759	-1.96759	0.0096383	0.732075	1.32075	0.107376	1.96442	1.96442	0.420317	1.37205	1.37205	0.0417227	0.492202	2.03157	0.262601	1.56632	1.56632	0.181356	1.72483	1.72483	0.0636163	1.56068	1.56068	0.0731271	2.15508	2.15508	1.96324	4.58223	2.07785	1	
cg19585849	GALNT10	0.177459	0.076313	0.703781	-1.4209	0.471304	0.877626	-1.13944	0.113112	1.35957	1.35957	0.221177	0.795252	-1.25746	0.128807	1.33964	1.33964	0.342961	0.840262	-1.19011	0.245424	1.24163	1.24163	0.437702	0.868469	-1.15145	0.684246	1.07555	1.07555	1.96323	0.986692	0.446744	1	
cg06838921	APBT;APBT	0.177462	0.052882	0	?	?	?

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(1047 vs. N)	p-value(1047 vs. 477 vs. N)	p-value(477 vs. N)	p-value(353T vs. N)	p-value(353T vs. 537 vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(377 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg13618190	MIR217	0.177684	0.197529	-2.07822	-1.43301	1.3888324	0.996142	-1.03087	0.01585612	0.45818	2.12825	0.568699	0.1654	1.1655	0.219472	0.710978	-1.40651	0.330774	0.753337	-1.32743	0.256955	0.1669	1.3669	0.1669	0.0795921	1.15276	1.15276	0.297732	0.753697	-1.33052	1.96198	2.16841	0.982416	1
cg12543132	ACOT9;ACOT9	0.177684	0.07316631	0.2172544	-0.6029	0.3613203	0.489646	-2.04229	0.2740887	0.419174	-2.38565	0.100285	3.95744	3.955744	0.844629	0.184029	1.08429	0.03395558	0.150875	-6.62799	0.652272	0.707127	-1.41417	0.844626	1.16172	1.16172	0.636072	1.43932	1.43932	1.96197	18.1369	8.21708	1
cg20556803	MAD111;MAD11;MAD1L1	0.177693	0.3556225	0.746161	-1.34019	0.4458084	1.270161	1.270161	0.886388	1.04504	1.04504	0.998059	1.00075	1.00075	0.03690309	0.473832	-2.11045	0.164218	1.57994	1.57994	0.356027	0.746354	-1.33985	0.06195842	1.91115	1.91115	0.922271	1.03053	1.03053	1.96192	2.95075	1.3369	1
cg20595490	MB20	0.177711	0.329845	0.7795521	-1.28278	0.950835	1.015361	1.015361	0.157389	0.67308	-1.48571	0.8508	1.04774	1.04774	0.138278	1.4847	1.4847	0.2957056	0.76452	-1.3081	0.172399	1.43286	1.43286	0.146547	1.47097	1.47097	0.086588	1.59805	1.59805	1.96189	1.90564	0.863406	1
cg25127692	IGF2BP2;IGF2BP2	0.1777	0.0989433	0.307303	-3.25412	0.9010023	0.184554	1.084854	0.0756018	0.275267	-3.63284	0.238561	0.447020	-2.23699	0.349988	1.87287	1.87287	0.847202	0.881771	-1.13408	0.263746	0.467738	-2.13795	0.064193	3.88264	3.88264	0.547318	0.672203	-1.48765	1.96189	13.2183	5.98893	1
cg01908902	TPPP	0.177803	0.8860054	1.06129	1.06129	0.0320451	2.834723	2.834723	0.0260287	2.96543	2.96543	0.550212	1.285301	1.285301	0.545495	1.2906	1.2906	0.1658511	1.84604	1.84604	0.243681	0.60288	-1.65873	0.524293	1.30094	1.30094	0.938758	1.032039	1.032039	1.96187	5.34732	2.42277	1
cg11861511	C3orf10	0.177703	0.4469884	0.754824	-1.32481	0.0533471	2.1994	2.1994	0.059995	2.15977	2.15977	0.940831	1.0273	1.0273	0.744469	1.12602	1.12602	0.152189	1.74286	1.74286	0.157146	0.577501	-1.7316	0.518024	0.797504	-1.25391	0.54317	0.799843	-1.25025	1.96187	4.0918	1.85392	1
cg00694357	ZBTB78	0.177703	0.8191842	0.952629	-1.04973	0.2505448	1.190215	1.190215	0.0113768	1.9586	1.9586	0.441779	1.18108	1.18108	0.618539	1.11239	1.11239	0.1723242	0.734698	-1.3611	0.186476	1.346044	1.34604	0.826531	1.04767	1.04767	0.409896	1.19605	1.19605	1.96187	1.39984	0.619836	1
cg25292150	FAM176A;FAM176A	0.177704	0.090913	0.743804	-1.34448	0.90013	1.020115	1.020115	0.0645649	0.925026	-1.08105	0.553231	1.10002	1.10002	0.02413371	0.624238	-1.53318	0.171305	1.26047	1.26047	0.911767	1.01777	1.01777	0.926677	0.985478	-1.01474	0.226976	1.22335	1.22335	1.96186	0.78481	0.355585	1
cg20484625	PC;PC;PC;SNORD115-21;SNORD115-20;SNORD115-19;SNORD115-18;SNORD115-17;SNORD115-16;SNORD115-15;SNORD115-14;SNORD115-13;SNORD115-12;SNORD115-11;SNORD115-10;SNORD115-9;SNORD115-8;SNORD115-7;SNORD115-6;SNORD115-5;SNORD115-4;SNORD115-3;SNORD115-2;SNORD115-1;SNORD115-48;SNORD115-47;SNORD115-46;SNORD115-45;SNORD115-44;SNORD115-43;SNORD115-42;SNORD115-41;SNORD115-40;SNORD115-39;SNORD115-38;SNORD115-37;SNORD115-36;SNORD115-35;SNORD115-34;SNORD115-33;SNORD115-32;SNORD115-31;SNORD115-30;SNORD115-29;SNORD115-28;SNORD115-27;SNORD115-26;SNORD115-25;SNORD115-24;SNORD115-23;SNORD115-22	0.177704	0.864799	1.05701	1.05701	0.601678	1.1869	1.1869	0.664004	0.867448	-1.15281	0.784337	0.914615	-1.09336	0.225201	0.66072	-1.5135	0.135555	0.592519	-1.68771	0.00764172	0.327691	-3.05166	0.610226	1.18206	1.18206	0.502203	0.801256	-1.24804	1.96186	3.28897	1.49018	1
cg26469244	ZC3NSD0115-15	0.177705	0.522608	0.718305	-1.39217	0.948421	1.03358	1.03358	0.433161	0.66471	-1.50442	0.427747	1.512	1.512	0.245034	0.537457	-1.86061	0.09776257	2.59253	2.59253	0.370451	1.59937	1.59937	0.96404	0.977243	-1.02329	0.0206002	0.240767	-4.15339	1.96186	8.10102	3.67045	1
cg09178366	FDXR;FDXR	0.177706	0.176222	0.8847719	-1.24259	0.2728935	1.153624	1.153624	0.165737	1.26045	1.26045	0.179536	1.24056	1.24056	0.144705	1.26045	1.26045	0.3886253	0.875355	-1.14261	0.123861	0.773762	-1.28657	0.513722	0.904713	-1.10532	0.818294	1.03541	1.03541	1.96185	0.710375	0.321861	1
cg16162668	TRPC3	0.177723	0.176723	1.31964	1.31964	0.757997	1.06152	1.06152	0.597321	0.96216	-1.10845	0.477543	0.869813	-1.14967	0.132821	0.731085	-1.36783	0.224111	0.781408	-1.27974	0.0233356	0.59248	-1.68782	0.643724	0.913974	-1.09412	0.104389	0.709734	-1.40898	1.96182	1.15905	0.525158	1
cg13738327	LRP5	0.177711	0.65647	1.43679	1.43679	0.209817	2.9153	2.9153	0.0281002	3.16391	3.16391	0.981351	1.98126	1.98126	0.447020	-2.23699	0.349988	1.87287	1.87287	0.847202	0.881771	-1.13408	0.263746	0.467738	-2.13795	0.064193	3.88264	3.88264	0.547318	0.672203	-1.48765	0.96189	13.2183	5.98893	1
cg16190547	ARL6IP6;PRPF40A;ARL6IP6	0.177715	0.588418	0.880446	-1.13579	0.356949	1.24708	1.24708	0.393578	1.22589	1.22589	0.281925	1.770588	1.29773	0.07818	1.10213	1.10213	0.169534	1.63377	1.63377	0.120091	0.480776	-2.05307	0.391021	1.29093	1.29093	0.668684	1.10554	1.10554	1.96182	1.68758	0.76463	1
cg26225655	NSUN5C;NSUN5C;NSUN5C	0.177712	0.0351112	2.51245	2.51245	?	?	?	0.323518	1.46622	1.46622	0.6096	0.824247	-1.21323	?	?	?	0.131717	0.542996	-1.84163	0.626216	0.831757	-1.20227	?	?	0.922873	0.964309	-1.03701	2.00901	2.98774	1.98289	1
cg20136279	KIF13A;KIF13A;KIF13A;KIF13A	0.177721	0.130325	0.600387	-1.66559	0.0684723	1.890153	1.890153	0.995107	0.9984027	-1.00158	0.491007	0.803783	-1.24412	0.538026	1.21493	1.21493	0.155604	0.622293	-1.60696	0.260791	1.43163	1.43163	0.138513	1.64594	1.64594	0.318469	0.734736	-1.37981	1.96177	3.02919	1.37254	1
cg07571046	UPM1	0.177724	0.995585	-1.09881	1.09881	0.3124611	1.283555	1.283555	0.0157856	1.84448	1.84448	0.412521	0.840781	-1.18937	0.984485	0.999607	1.00039	0.669085	0.914849	-1.09308	0.547916	0.881738	-1.13412	0.0688764	1.52413	1.52413	0.36989	1.209098	1.209098	1.96177	1.3312	0.603175	1
cg24678095	GAUNT3	0.177724	0.135739	23.0932	23.0932	0.300089	8.037233	8.037233	0.232747	11.3928	11.3928	0.709777	2.05868	2.05868	0.191344	14.7876	14.7876	0.404626	5.21587	5.21587	0.0527316	76.4731	76.4731	0.0215519	241.217	241.217	0.0450582	93.3342	93.3342	2.05232	118.551	44.9278	1
cg10949330	FLJ40434	0.177725	0.0826275	0.541353	-1.84752	0.2360234	0.752695	1.328	0.148053	0.6509278	-1.54129	0.304913	0.712308	-1.40389	0.0732583	0.539441	-1.85336	0.0113311	0.363315	-2.75244	0.53302	0.837674	-1.1965	0.221958	0.960728	-1.04164	0.490761	0.799713	-1.25045	1.96175	3.16787	1.4354	1
cg18641946	MCAT;MCAT	0.177728	0.115857	0.792111	-1.58001	0.110472	5.75238	5.75238	0.120179	5.45058	5.45058	0.741099	1.39513	1.39513	0.0312702	0.258539	-3.86789	0.922998	1.10214	1.10214	0.093363	0.156214	-6.40146	0.618912	0.603871	-1.65598	0.356143	0.384918	-2.59795	1.96173	31.4379	14.245	1
cg10249151	SLC16A2	0.177729	0.37766	0.5153544	-1.94004	0.1783665	0.6346009	1.575	0.0881581	1.13681	1.13681	0.176605	0.829953	-1.20493	0.0255903	0.657909	-1.52023	0.3706883	0.675808	1.479	0.0324557	0.6857	-1.45918	0.0673257	1.29265	1.29265	0.249358	1.32423	1.32423	1.96172	15.9663	7.47788	1
cg05584235	LIMS3-LOC440895	0.17773	0.328684	0.553959	-1.80519	0.144469	0.399146	-2.50535	0.0596242	0.287815	-3.47445	0.104803	0.353946	-2.82529	0.0455266	0.260905	-3.83281	0.4437262	0.632884	-1.58007	0.321538	0.548796	-1.82217	0.449283	0.630523	-1.57103	0.0242445	0.207226	-4.82486	1.96172	10.6651	4.83253	1
cg26240532	ZNF616;ZNF616	0.17773	0.141642	0.734167	-1.36209	0.594159	1.11176	1.11176	0.530177	1.13241	1.13241	0.225166	1.28287	1.28287	0.681186	1.08413	1.08413	0.957644	0.989668	-1.01044	0.0317117	0.61573	-1.62409	0.806968	0.691007	-1.44716	0.472362	1.15365	1.15365	1.96172	1.18795	0.538282	1
cg06148972	MTM1	0.177735	0.115755	0.535553	-1.86723	0.293602	0.675204	-1.48103	0.375711	1.3879	1.3879	0.688357	1.15647	1.15647	0.0650974	0.518026	-1.93041	0.0568048	0.459648	-2.17558	0.774477	0.901602	-1.10914	0.185188	1.65968	1.65968	0.497743	1.28172	1.28172	1.9617	4.03915	1.88203	1
cg11859922	GREM2	0.177738	0.261103	0.54316	-1.84108	0.340807	0.599769	-1.66731	0.0111401	0.190703	-5.24375	0.435611	0.660853	-1.5132	0.253231	0.537177	-1.86158	0.967878	0.979247	-1.02119	0.0324207	0.271385	-3.6848	0.315392	0.582389	-1.71707	0.691167	0.812246	-1.23115	1.96168	8.42597	3.31803	1
cg00164135	SELM	0.177738	0.0810203	1.830316	1.830316	0.155544	0.349004	-2.85793	0.3635647	1.90643	1.90643	0.193799	0.944768	-1.05578	0.6445081	0.725791	-1.37781	0.0401805	0.194315	-5.1463	0.2568771	0.4911	2.0365	0.308992	1.94149	1.94149	0.047976	1.800301	-1.24853	0.50167	14.835	6.72156	1
cg20908110	EXOSC8	0.177739	0.636975	1.05801	1.05801	0.380301	0.89875	-1.11266	0.554551	0.931551	-1.07348	0.658211	0.925421	1.08123	0.882283	1.13292	1.13292	0.769888	1.03541	1.03541	0.766305	0.745235	-1.34186	0.332606	0.888202	-1.12587	0.548954	1.07458	1.07458	1.96167	0.437133	0.198078	1
cg02935351	WNT5B;WNT5B	0.17775	0.0301691	1.48751	1.48751	0.238477	0.82504	-1.21206	0.38397	0.87018	-1.14919	0.574254	1.09245	1.09245	0.885621	1.34442	1.34442	0.815556	1.03707	1.03707	0.404487	1.1421	1.1421	0.561249	1.09583	1.09583	0.222305	0.818904	-1.22114	0.96161	0.753832	0.341593	1
cg21656262	AGMAT	0.177742	0.4113861	0.7109	1.40705	0.6134	1.50111	1.50111	0.45119	0.8697288	1.14979	0.909527	1.10274	1.10274	0.6744	1.46772	1.46772	0.3759009	1.44464	1.44464	0.329	0.6586454	1.51842	1.51842	0.09502	0.0436718	0.649291	0.5401	1.54014	1.5616	1.07442	0.488226	1
cg15936121	NIT3;MUC1;MUC1;MUC1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg24330485	EEF1B2;EEF1B2;EEF1B2;NDUFS1	0.178006	0.067967	0.708347	0.41234	0.312953	1.19273	1.19273	0.175668	1.27527	1.27527	?	?	0.991812	0.998269	1.00173	0.664416	0.928943	-1.07649	0.19707	0.794309	-1.25896	0.59037	0.912319	-1.09611	0.0840038	1.38107	1.97285	0.791977	0.401458	1
cg24163494	RGS12	0.17801	0.241649	0.711027	-1.40642	0.2556115	0.478118	-2.09153	0.516263	1.20099	0.140795	0.648964	-1.54092	0.13033	0.63466	-1.57565	0.473759	1.22476	1.22476	0.246181	1.40142	0.835598	0.943814	-1.05953	0.953969	1.01619	1.01619	1.96017	2.40393	1.09012	1
cg08870743	OLIG2	0.178012	0.778337	1.16207	1.16207	0.8025156	0.875138	-1.14268	0.834571	1.11774	1.11774	0.672761	0.797633	-1.25371	0.514154	1.42207	1.42207		0.021535	0.230074	-4.34643	0.0308496	0.259188	-3.85521	0.912528	1.06023	1.06023	0.370166	1.63202	1.63202	1.90616	8.79435	3.98805	1
cg07018760	KRTAP12-4;C21orf29	0.178013	0.0602447	0.139413	-7.17295	0.0955514	0.445325	-2.24551	0.460658	0.504652	-1.98156	0.183601	0.269398	-3.71223	0.042112	0.133172	-8.82055		0.256093	0.13286	-3.00047	0.0254181	0.0846054	-11.8196	0.133816	0.222395	-4.4965	0.178092	0.264928	-3.77461	0.196215	26.8336	12.1685	1
cg07575519	MYO10	0.178014	0.211302	0.599387	-1.66837	0.37768	0.703412	-1.42164	0.143665	0.542988	-1.84166	0.342361	1.46229	1.46229	0.0163363	0.31949	-3.12999		0.882802	1.05901	1.05901	0.263701	0.639071	-1.56477	0.346661	1.4574	1.4574	0.719263	0.869107	-1.15061	0.960144	4.68965	2.12667	1
cg02157667	GINS2	0.178017	0.271482	0.845986	-1.18265	0.2090008	0.824087	-1.21346	0.839986	1.02998	1.02998	0.94533	0.990031	-1.01007	0.850938	1.02787	1.02787		0.0504389	1.38507	1.38507	0.756133	0.955506	-1.04657	0.133025	0.789152	-1.26758	0.0707731	1.3431	1.3431	1.96013	0.662655	0.300504	1
cg25215295	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	4	0.178018	0.515785	0.874899	-1.14299	0.371873	1.20437	1.20437	0.181616	1.33322	1.33322	0.217653	0.768708	-1.30088	0.548568	1.13102	1.13102		0.468062	0.860924	-1.16154	0.0377514	1.69531	1.69531	0.237439	0.778004	-1.28534	0.394488	0.837871	-1.1935	1.96012	1.27705	0.579124	1
cg27440136	ALOX12	0.17802	0.435813	0.601573	-1.66231	0.4108564	0.584174	-1.71182	0.619383	0.726087	-1.37725	0.170389	0.254286	0.607264	0.168751	0.59285	0.363576	0.55054	-1.8164	0.0561456	0.248916	0.42935	0.934536	0.103803	1.03803	0.326775	0.523542	-1.91007	1.96011	12.6845	5.75226	1
cg25912247	LSM8IT4	0.178021	0.0894566	0.6761	-1.47907	0.0408558	0.61053	-1.63792	0.0958488	0.682262	-1.46571	0.434883	1.18122	1.18122	0.64688	1.10122	1.10122		0.632289	1.10603	1.10603	0.278441	1.26564	1.26564	0.498105	0.860687	-1.15462	0.593801	1.1191	1.1191	1.96011	1.35648	0.615152	1
cg13584383	CBX4	0.178023	0.592365	0.904087	-1.10617	0.7202626	0.77	-1.04417	0.0569059	0.673842	-1.48844	0.0809196	0.0871202	1.10592	0.0003257	1.75089	1.75089		0.170164	1.28853	1.28853	0.0001755	1.69751	1.69751	0.0003203	1.24648	0.509098	0.89024	-1.12324	1.9601	0.934708	0.423883	1
cg05825459	PARD3B;PARD3B;PARD3B	0.178024	0.256606	1.18995	1.18995	0.578089	1.08602	1.08602	0.98217	0.996723	-1.00329	0.811606	0.965536	-1.03569	0.0134918	0.638157	-1.56701		0.444858	1.2122	1.2122	0.0886776	0.75902	-1.31749	0.984559	1.00285	1.00285	0.670227	0.939023	-1.06494	1.96009	0.669689	0.303699	1
cg06668073	FERMT1;FERMT1	0.178025	0.165444	0.833263	-3.00992	0.2581142	2.40805	2.40805	0.262954	0.546554	-1.82965	0.109209	0.272293	-3.63751	0.215966	0.378604	-2.64128		0.544114	0.6317	-1.57978	0.0616445	0.6455913	-1.54818	0.746345	0.785114	-1.2737	0.0998557	0.921649	0.921649	1.96009	17.2205	7.82899	1
cg26547583	FES;FES;FES;FES	0.178028	0.213593	1.65357	1.65357	0.0338138	2.59003	2.59003	0.890909	0.948665	-1.05411	0.894084	0.997157	-1.00285	0.998775	1.00059	1.00059		0.143915	1.83383	1.83383	0.109636	1.95383	1.95383	0.107388	0.509242	-1.9637	0.673844	1.17652	1.17652	1.96007	4.57801	2.07613	1
cg24976262	ADAMTS17	0.178029	0.22936	1.7126	1.7126	0.0379182	2.79166	2.79166	0.181894	1.83016	1.83016	0.474132	1.36411	1.36411	0.104148	1.56459	1.56459		0.0905522	2.2154	2.2154	0.0178182	1.41667	1.41667	0.197667	1.85929	1.85929	0.345844	1.51301	1.51301	1.96007	5.64797	2.56135	1
cg09438522	NR2C2	0.178029	0.0185252	0.599425	-2.51313	0.1210204	1.66826	-1.49584	0.550468	0.935849	1.06982	0.342361	0.534048	-1.95899	0.342363	0.727597	-1.37473	0.923759	0.970863	-1.03001	0.849402	0.793824	-1.25972	0.814934	1.07526	1.07526	0.808448	-1.23684	1.96006	3.28538	1.48992	1
cg15465092	MYC	0.17803	0.212354	0.403948	-2.47557	0.2977664	0.474796	-2.10617	?	?	?	?	0.880754	0.901595	-1.10915	?	?		0.0144064	0.124765	-8.01504	0.960537	1.03474	1.03474	0.359547	1.9157	1.9157	0.826582	1.16348	1.16348	1.98807	11.6621	6.70408	1
cg26440959	COL23A1	0.178038	0.0702584	0.265609	-3.7922	0.094147	1.00286	1.00286	0.323637	0.672591	-1.48679	0.985501	0.992955	-1.0071	0.673496	0.847991	-1.17926		0.131559	0.538069	1.8581	0.0915288	0.4853532	-2.06044	0.073118	0.986976	-1.0132	0.671548	0.847096	-1.1805	1.9601	4.68896	2.13103	1
cg22616410	GALNT9	0.178043	0.285647	0.59927	-1.66911	0.2729564	1.69357	1.69357	0.589057	1.28638	1.28638	0.703873	1.19283	1.19283	0.0301226	0.308028	3.24645		0.264164	1.67154	1.67154	0.302175	0.956439	-1.04555	0.0839508	1.41816	0.38041	1.515085	1.51505	1.96	6.61842	3.00156	1
cg15990800	FBXO34;FBXO34	0.178045	0.586241	0.907234	-1.10225	0.767418	0.94882	-1.05394	0.877572	0.973062	-1.02768	0.561377	0.901202	-1.10963	0.280158	0.819661	-1.22002		0.0165482	1.67964	1.67964	0.0643189	1.44513	1.44513	0.774179	1.05228	1.05228	0.473737	1.13777	1.13777	1.95998	0.9740033	0.441743	1
cg08738403	AHCY;L2AHCY;L2AHCY;L2AHCY;L2	0.178046	0.0951738	0.644955	-2.32703	0.1151577	1.629999	-1.5874	0.559734	0.837831	-2.57845	0.133326	0.4853747	-2.05868	0.0781808	0.497366	-2.19311		0.146054	0.499142	-2.00344	0.0123644	0.2986035	-3.35331	0.365747	0.604752	-1.51343	0.372241	0.664651	-1.50455	1.96997	6.17219	2.79922	1
cg12027899	ZFP91;ZFP91-CNTF	0.178048	0.58174	1.32084	1.32084	0.216239	0.192815	1.928315	0.177239	2.0489	2.0489	0.19242	0.239408	2.99408	0.015995	0.948568	-1.05422		0.663594	0.803404	-1.2447	0.169166	2.08058	2.08058	0.0114197	4.8717	4.8717	0.282359	1.74849	1.74849	1.95996	7.76572	3.52194	1
cg17329287	RNF220	0.178049	0.0178864	0.58438	-1.70997	0.0429438	1.58267	1.58267	0.0258458	1.220368	1.37706	0.781408	0.202887	2.38287	0.0128307	1.802837	1.80284		0.659367	1.10632	1.10632	0.0155902	0.514742	-1.94272	0.357902	1.2358	1.2358	0.0801204	1.54463	1.54463	1.95995	1.55664	0.709575	1
cg01970784	MSRA;MSRA;MSRA	0.178049	0.711241	1.08683	1.08683	0.873685	0.964999	-1.03627	0.306808	1.26734	1.26734	0.966521	1.00944	1.00944	0.635844	1.11273	1.11273		0.0551501	1.83283	1.83283	0.0399014	1.93842	1.93842	0.915596	1.02998	1.02998	0.400794	0.786898	-1.27081	1.95899	2.40924	1.09319	1
cg02583271	CLUAP1	0.178049	0.771663	1.10814	1.10814	0.457436	1.30609	1.30609	0.160772	1.69665	1.69665	0.0659858	0.27069	0.07006	0.0301236	0.406595	-2.45945		0.97501	1.01112	1.01112	0.397938	1.3572	1.3572	0.487547	1.28261	1.28261	0.276217	1.49136	1.49136	1.95995	3.86552	1.75311	1
cg04894705	NENF;NENF	0.178051	0.509978	1.14258	1.14258	0.7955425	1.02047	1.02047	0.0146335	1.63679	1.63679	0.142282	1.29507	1.29507	0.0301236	0.406595	-2.45945		0.309027	1.16484	1.16484	0.0887323	1.10983	1.10983	0.136446	1.03646	1.03646	0.482136	1.12423	1.12423	1.95995	0.9804014	0.457325	1
cg06817736	TBC1D1	0.178053	0.685735	0.858994	-1.16415	0.0126054	1.18658	1.18658	0.138561	1.8144	1.8144	0.862009	0.937066	-1.06716	0.592909	0.817401	-1.22339		0.237715	1.58743	1.58743	0.405944	1.37391	1.37391	0.75112	0.887911	-1.12624	0.340336	0.692711	-1.4436	1.95993	1.33513	1.96521	1
cg05389731	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	4	0.178056	0.814222	1.12669	1.12669	0.6815243	2.90271	2.90271	0.043734	3.48123	3.48123	0.18171	1.57561	1.57561	0.126326	0.432524	-2.31201		0.245159	1.85158	1.85158	0.772852	1.15796	1.15796	0.212772	1.94447	1.94447	0.857258	0.9128	-1.09553	1.95991	0.797125	3.61524	1
cg12445775	C18orf16;AQP4-AQP4	0.178057	0.048972	0.446865	-2.23781	0.919334	1.03696	1.03696	0.0938275	0.516744	-1.9352	0.452031	0.759921	-1.31593	0.0224147	0.375242	-2.66495		0.394024	1.36729	1.36729	0.630187	0.840439	-1.18985	0.755916	1.11821	1.11821	0.648853	0.848512	-1.17853	1.95989	3.98545	1.80756	1
cg01685581	FAM162A;CCDC58	0.178061	0.158013	0.744166	-1.34346	0.3183532	1.19747	1.19747	0.157437	1.57877	1.57877	0.694299	1.37451	1.37451	0.0178977	0.728429	-1.37245		0.421627	1.15645	1.15645	0.479945	0.8720682	-1.14683	0.0911589	1.44483	1.44483	0.0791589	0.973381	0.441468	1
cg05093325	CALCA;CALCA;CALCA POMT1;POMT1;POMT1;POMT1;POMT	0.178062	0.0993805	0.599352	-1.66847	0.0300366	0.485168	-2.06114	0.110753	0.61111	-1.63637	0.0595537	0.548005	-1.8248	0.183624	0.670444	1.49155		0.220242	1.69409	1.4408	0.0891493	0.587585	-1.70111	0.673444	0.888523	-1.12546	0.98287	0.993934	-1.0061	1.95988	2.49312	1.13073	1
cg14403594	1	0.178062	0.830885	1.04187	1.04187	0.462891	1.15408	1.15408	0.0910659	1.42895	1.42895	0.644084	1.09332	1.09332	0.771653	1.05739	1.05739		0.280375	0.806391	-1.24009	0.890503	1.02677	1.02677	0.648646	1.09196	1.09196	0.0145614	0.561534	-1.78084	1.95988	1.14155	0.517742	1
cg10439914	FAM72A	0.178063	0.621273	0.812021	-1.23149	0.0855104	2.21393	2.21393	0.0934994	2.70785	2.70785	0.947097	0.972616	-1.02813	0.587482	1.25737	1.25737		0.307083	0.642685	-1.55597		0.492324	0.747082	-1.33854	0.114417	2.05021	2.05021	1.97253	4.85492	2.46127	1
cg14914254	HLA-G	0.178064	0.0777257	0.784938	-1.27409	0.2581181	1.24564	1.24564	0.13376	1.67815	1.67815	0.0313455	0.0871202	1.10592	0.0003257	1.75089	1.75089		0.888887	1.09249	1.09249	0.0176575	0.0961361	1.3669	1.3669	0.0124438	0.569155	1.48375	1.48375	1.95987	9.29098	4.21388	1
cg16493584	SAMD3	0.178068	0.209287	1.34157	1.34157	0.0599713	0.624263	-1.60189	0.771724	0.937451	-1.06672	0.291113	0.784085	-1.27537	0.0500605	1.6423	1.6423		0.852421	0.959494	-1.04222	0.721316	0.923553	-1.08277	0.886486	0.968783	-1.03222	0.161201	1.3941	1.3941	1.95985	1.53025	0.694044	1
cg17981557	RTG2	0.178073	0.0343877	0.288454	-3.46675	0.0705574	0.503513	-1.98605	0.171081	0.48541	-2.06011	0.374213	0.752284	-1.32931	0.0484797	0.321203	-3.1133		0.19541	1.84848	1.84848	0.307058	0.587618	-1.70179	0.946246	0.913455	1.09498	0.0145614	0.561534	-1.78084	1.95988	1.14155	0.517742	1
cg05389731	AR1;BCAR1	0.178056	0.814222	1.12669	1.12669	0.6815243	2.90271	2.90271	0.043734	3.48123	3.48123	0.18171	1.57561	1.57561	0.126326	0.432524	-2.31201		0.245159	1.85158	1.85158	0.772852	1.15796	1.15796	0.212772	1.94447	1.94447	0.857258	0.9128	-1.09553	1.95991	0.797125	3.61524	1
cg12445775	C18orf16;AQP4-AQP4	0.178056	0.048972	0.446865	-2.23781	0.919334	1.03696	1.03696	0.0938275	0.516744	-1.9352	0.452031	0.759921	-1.31593	0.0224147	0.375242	-2.66495		0.394024	1.36729	1.36729	0.630187	0.840439	-1.18985	0.755916	1.11821	1.11821	0.648853	0.848512	-1.17853	1.95989	3.98545	1.80756	1
cg01685581	FAM162A;CCDC58	0.178061	0.158013	0.744166	-1.34346	0.3183532	1.19747	1.19747	0.157437	1.57877	1.57877	0.694299	1.37451	1.37451	0.0178977	0.728429	-1.37245		0.421627	1.15645	1.15645	0.479945	0.8720682	-1.14683	0.0911589	1.44483	1.44483	0.0791589	0.973381	0.441468	1
cg05093325	CALCA;CALCA;CALCA POMT1;POMT1;POMT1;POMT1;POMT	0.178062	0.0993805	0.599352	-1.66847	0.0300366	0.485168	-2.06114	0.110753	0.61111	-1.63637	0.0595537	0.548005	-1.8248	0.183624	0.670444	1.49155		0.220242	1.69409	1.4408	0.0891493	0.587585	-1.70111	0.673444	0.888523	-1.12546	0.98287	0.993934	-1.0061	1.95988	2.49312	1.13073	1
cg14403594	1	0.178062	0.830885	1.04187	1.04187	0.462891	1.15408	1.15408	0.0910659	1.42895	1.42895	0.644084	1.09332	1.09332	0.771653	1.05739	1.05739		0.280375	0.806391	-1.24009	0.890503	1.02677	1.02677	0.648646	1.09196	1.09196	0.0145614	0.561534	-1.78084	1.95988	1.14155	0.517742	1
cg10439914	FAM72A	0.178062	0.621273	0.812021	-1.23149	0.8855104	2.21393	2.21393	0.934994	2.70785	2.70785	0.947097	0.972616	-1.02813	0.587482	1.25737	1.25737		0.307083	0.642685	-1.55597		0.492324	0.747082	-1.33854	0.114417	2.05021	2.05021	1.97253	4.85492	2.46127	1
cg14914254	HLA-G	0.178064	0.0777257	0.784938	-1.27409	0.2581181	1.24564	1.24564	0.13376	1.67815	1.67815	0.0313455	0.0871202	1.10592	0.0003257	1.75089	1.75089		0.888887	1.09249	1.09249	0.0176575	0.0961361	1.3669	1.3669	0.0124438	0.569155	1.48375	1.48375	1.95987	9.29098	4.21388	1
cg16493584	SAMD3	0.178068	0.209287	1.34157	1.34157	0.5998713	0.624263	-1.60189	0.771724	0.937451	-1.06672	0.291113	0.784085	-1.27537	0.0500605	1.6423	1.6423		0.852421	0.959494	-1.04222	0.721316	0.923553	-1.08277	0.886486	0.968783	-1.03222	0.161201	1.3941	1.3941	1.95985	1.53025	0.694044	1
cg01970784	MSRA;MSRA;MSRA	0.178049	0.711241	1.08683	1.08683	0.873685	0.964999	-1.03627	0.306808	1.26734	1.26734	0.966521	1.00944	1.00944	0.635844	1.11273	1.11273		0.659367	1.10632	1.10632	0.0155902	0.514742	-1.94272	0.357902	1.2358	1.2358	0.0801204	1.54463	1.54463	1.95995	1.55664	0.709575	1
cg02583271	CLUAP1	0.178049	0.771663	1.10814	1.10814	0.457436	1.30609	1.30609	0.160772	1.69665	1.69665	0.0659858	0.27069	0.07006	0.0301236	0.406595	-2.45945		0.97501	1.01112	1.01112	0.397938	1.3572	1.3572	0.487547	1.28261	1.28261	0.276217	1.49136	1.49136	1.95995	3.86552	1.75311	1
cg04894705	NENF;NENF	0.178051	0.509978	1.14258	1.14258	0.7955425	1.02047	1.02047	0.0146335	1.63679	1.63679	0.142282	1.29507	1.29507	0.0301236	0.406595	-2.45945		0.309027	1.16484	1.16484	0.0887323	1.10983	1.10983	0.136446	1.03646	1.03646	0.482136	1.12423	1.12423	1.95995	0.9804014	0.457325	1
cg06817736	TBC1D1	0.178053	0.685735	0.858994	-1.16415	0.0126054	1.18658	1.18658	0.138561	1.8144	1.8144	0.862009	0.937066	-1.06716	0.592909	0.817401	-1.22339		0.237715	1.58743	1.58743	0.405944	1.37391	1.37391	0.75112	0.887911	-1.12624	0.340336	0.692711	-1.4436	1.95993	1.33513	1.96521	1
cg05389731	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	4	0.178056	0.814222	1.12669	1.12669	0.6815243	2.90271	2.90271	0.043734	3.48123	3.48123	0.18171	1.57561	1.57561	0.126326	0.432524	-2.31201		0.245159	1.85158	1.85158	0.772852	1.15796	1.15796	0.212772	1.94447	1.94447	0.857258	0.9128	-1.09553	1.95991	0.797125	3.61524	1
cg12445775	C18orf16;AQP4-AQP4	0.178056	0.048972	0.446865	-2.23781	0.919334	1.03696	1.03696	0.0938275	0.516744	-1.9352	0.452031	0.759921	-1.31593	0.0224147	0.375242	-2.66495		0.394024	1.36729	1.36729	0.630187	0.840439	-1.18985	0.755916	1.11821	1.11821	0.648853	0.848512	-1.17853	1.95989	3.98545	1.80756	1
cg01685581	FAM162A;CCDC58	0.178061	0.158013	0.744166	-1.34346	0.3183532	1.19747	1.19747	0.157437	1.57877	1.57877	0.694299	1.37451	1.37451	0.0178977	0.728429	-1.37245		0.421627	1.15645	1.15645	0.479945	0.8720682	-1.14683	0.0911589	1.44483	1.44483	0.0791589	0.973381	0.441468	1
cg05093325	CALCA;CALCA;CALCA POMT1;POMT1;POMT1;POMT1;POMT	0.178062	0.0993805	0.599352	-1.66847	0.0300366	0.485168	-2.06114	0.110753	0.61111	-1.63637	0.0595537	0.548005	-1.8248	0.183624	0.670444	1.49155		0.220242	1.69409	1.4408	0.0891493	0.587585	-1.70111	0.673444	0.888523	-1.12546	0.98287	0.993934	-1.0061	1.95988	2.49312	1.13073	1
cg14403594	1	0.178062	0.830885	1.04187	1.04187	0.462891	1.15408	1.15408	0.0910659	1.42895	1.42895	0.644084	1.09332	1.09332	0.771653	1.05739	1.05739		0.280375	0.806391	-1.24009	0.890503	1.02677	1.02677	0.648646	1.09196	1.09196	0.0145614	0.561534	-1.78084	1.95988	1.14155	0.517742	1
cg10439914	FAM72A	0.178062	0.621273	0.812021	-1.23149	0.8855104	2.21393	2.21393	0.934994	2.70785	2.70785	0.947097	0.972616	-1.02813	0.587482	1.25737	1.25737		0.307083	0.642685	-1.55597		0.492324	0.747082	-1.33854	0.114417	2.05021	2.05021	1.97253	4.85492	2.46127	1
cg14914254	HLA-G	0.178064	0.0777257	0.784938	-1.27409	0.2581181	1.24564	1.24564	0.13376	1.67815	1.67815	0.0313455	0.0871202	1.10592	0.0003257	1.75089	1.75089		0.888887	1.09249	1.09249	0.0176575	0.0961361	1.3669	1.3669	0.0124438	0.569155	1.48375	1.48375	1.95987	9.29098	4.21388	1
cg16493584	SAMD3	0.178068	0.209287	1.34157	1.34157	0.5998713	0.624263	-1.60189	0.771724	0.937451	-1.06672	0.291113	0.784085	-1.27537	0.0500605	1.6423	1.6423		0.852421	0.959494	-1.04222	0.721316	0.923553	-1.08277	0.886486	0.968783	-1.03222	0.161201	1.3941	1.3941	1.95985	1.53025	0.694044	1
cg01970784	MSRA;MSRA;MSRA	0.178049	0.711241	1.08683	1.08683	0.873685	0.964999	-1.03627	0.306808	1.26734	1.26734	0.966521	1.00944	1.00944	0.635844	1.11273	1.11273		0.659367	1.10632	1.10632	0.0155902	0.514742	-1.94272	0.357902	1.2358	1.2358	0.0801204	1.54463	1.54463	1.95995	1.55664	0.709575	1
cg02583271	CLUAP1	0.178049	0.771663	1.10814	1.10814	0.457436	1.30609	1.30609	0.160772	1.69665	1.69665	0.0659858	0.27069	0.07006	0.0301236	0.406595	-2.45945		0.97501	1.01112	1.01112	0.397938	1.3572	1.3572	0.487547	1.28261	1.28261	0.276217	1.49136	1.49136	1.95995	3.86552	1.75311	1
cg04894705	NENF;NENF	0.178051	0.509978	1.14258	1.14258	0.7955425	1.02047	1.02047	0.0146335	1.63679	1.63679	0.142282	1.29507	1.29507	0.0301236	0.406595	-2.45945		0.309027	1.16484	1.16484	0.0887323	1.10983	1.10983	0.136446	1.03646	1.03646	0.482136	1.12423	1.12423	1.95995	0.9804014	0.457325	1
cg06817736	TBC1D1	0.178053	0.685735	0.858994	-1.16415	0.0126054	1.18658	1.18658	0.138561	1.8144	1.8144	0.862009	0.937066	-1.06716	0.592909	0.817401	-1.22339		0.237715	1.58743	1.58743	0.405944	1.37391	1.37391	0.75112	0.887911	-1.12624	0.340336	0.692711	-1.4436	1.95993	1.33513	1.96521	1
cg05389731	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	4	0.178056	0.814222	1.12669	1.12669	0.6815243	2.90271	2.90271	0.043734	3.48123	3.48123	0.18171	1.57561	1.57561	0.126326	0.432524	-2.31201		0.245159	1.85158	1.85158	0.772852	1.15796	1.15796	0.212772	1.94447	1.94447	0.857258	0.9128	-1.09553	1.95991	0.797125	3.61524	1
cg12445775	C18orf16;AQP4-AQP4	0.178056	0.048972	0.446865	-2.23781	0.919334	1.03696	1.03696	0.0938275	0.516744	-1.9352	0.452031	0.759921	-1.31593	0.0224147	0.375242	-2.66495		0.394024	1.36729	1.36729	0.630187	0.840439	-1.18985	0.755916	1.11821	1.11821	0.648853	0.848512	-1.17853	1.95989	3.98545	1.80756	1
cg01685581	FAM162A;CCDC58	0.178061	0.158013	0.744166	-1.34346	0.3183532	1.19747	1.19747	0.157437	1.57877	1.57877	0.694299	1.37451	1.37451	0.0178977	0.728429	-1.37245		0.421627	1.15645	1.15645	0.479945	0.8720682	-1.14683	0.0911589	1.44483	1.44483	0.0791589	0.973381	0.441468	1
cg05093325	CALCA;CALCA;CALCA POMT1;POMT1;POMT1;POMT1;POMT	0.178062	0.0993805	0.599352	-1.66847	0.0300366	0.485168	-2.06114	0.110753	0.61111	-1.63637	0.0595537	0.548005	-1.8248	0.183624	0.670444	1.49155		0.220242	1.69409	1.4408	0.0891493	0.587

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg21814583	SNX8	0.178301	0.189842	1.37032	1.37032	0.0495691	1.66246	1.66246	0.199589	1.35998	1.35998	0.451072	0.84012	-1.19031	0.525555	0.864209	-1.15713
cg16162324	CHST11	0.178301	0.488664	1.12418	1.12418	0.107157	1.33997	1.33997	0.141669	1.30077	1.30077	0.869165	1.02781	1.02781	0.568859	1.10056	1.10056
cg04125765	ADAMTS17	0.178304	0.999097	1.00047	1.00047	0.13206	1.94993	1.94993	0.867758	1.07086	1.07086	0.309625	1.54027	1.54027	0.0216503	0.322126	-3.10437
cg18538675	SS18L1	0.178307	0.179235	0.643253	-1.5546	0.151903	1.60757	1.60757	0.886206	1.04528	1.04528	0.682133	1.13581	1.13581	0.350048	0.742692	-1.34645
cg20628205	TNPO2;TNPO2;TNPO2	0.178307	0.470775	0.894317	-1.11817	0.105799	1.30861	1.30861	0.101071	1.31438	1.31438	0.776357	1.04431	1.04431	0.788386	1.04181	1.04181
cg00948862	MGAT2;RPL36AL	0.178307	0.712037	0.907887	-1.10146	0.159747	1.47929	1.47929	0.115727	1.56151	1.56151	0.764087	1.08161	1.08161	0.198415	1.42513	1.42513
cg12282830	AP1B1;AP1B1;AP1B1;AP1B1;AP1B1;AP1B1	0.178313	0.0125145	0.721164	-1.38665	0.112462	0.833745	-1.19941	0.741339	1.03547	1.03547	0.449375	1.08449	1.08449	0.339049	0.901503	-1.10926
cg21155461	ZNF544;ZNF544	0.178313	0.489556	1.1439	1.1439	0.139415	1.35612	1.35612	0.0324756	1.61518	1.61518	0.0999302	1.41238	1.41238	0.264018	1.2498	1.2498
cg11907797	PCDHGA4;PCDHGA7;PCDHGA6;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA2;PCDHGB2;PCDHGA7;PCDHGB3	0.178315	0.0437854	9.23017	9.23017	0.121016	5.01488	5.01488	0.0607105	7.59747	7.59747	0.402611	2.27379	2.27379	0.0436754	9.24401	9.24401
cg24162759	WDR26;WDR26	0.178315	0.406739	0.743002	-1.34589	0.727256	1.13038	1.13038	0.55669	0.812154	-1.23129	0.713935	1.13753	1.13753	0.0247512	0.392342	-2.5488
cg22020784	MYOM2	0.178318	0.931906	1.01282	1.01282	0.0833456	0.751543	-1.3306	0.947911	1.00978	1.00978	0.502465	1.10674	1.10674	0.290437	1.1776	1.1776
cg17929630	RNF39;RNF39	0.178319	0.0680438	3.63774	3.63774	0.102645	3.09113	3.09113	0.411732	1.69959	1.69959	0.139249	0.365821	-2.73358	0.228026	2.22461	2.22461
cg20925482	C20orf111	0.17832	0.273868	0.885639	-1.12913	0.207098	1.15247	1.15247	0.199395	1.1556	1.1556	0.37546	1.10188	1.10188	0.0117104	1.39924	1.39924
cg17751438	ZEB2;ZEB2;ZEB2	0.178321	0.751628	1.04578	1.04578	0.554631	1.08791	1.08791	0.514586	0.91104	-1.09765	0.367495	1.1394	1.1394	0.13545	1.25465	1.25465
cg20781526	CNST;CNST	0.178321	0.37864	0.894112	-1.11843	0.581111	0.933275	-1.0715	0.165215	1.20132	1.20132	0.207043	0.847995	-1.17925	0.623045	1.06331	1.06331
cg06448666	MID1;MID1;MID1	0.178329	0.14926	0.557007	-1.79531	0.134087	0.54261	-1.84294	0.257389	0.639377	-1.56402	0.941082	0.972417	-1.02837	0.0302828	0.381455	-2.62154
cg25523087	LOC728723;ZBED3;ZBED3	0.178329	0.731145	0.925632	-1.08034	0.206427	0.741874	-1.34794	0.172101	0.722057	-1.38493	0.282295	0.778548	-1.28444	0.911803	0.975481	-1.02514
cg08520423	DPEP3;DPEP3	0.17833	0.516934	0.839898	-1.19062	0.632885	0.880044	-1.13631	0.300456	0.752086	-1.32964	0.100142	0.619813	-1.61339	0.305062	1.32579	1.32579
cg04722249	FAM178B	0.178332	0.657293	0.882548	-1.13308	0.300591	1.35006	1.35006	0.411545	1.26485	1.26485	0.178668	1.49154	1.49154	0.880518	0.958785	-1.04299
cg12546582	PDE7B	0.178333	0.967028	1.02435	1.02435	0.163883	0.421204	-2.37415	0.0748886	0.315185	-3.17274	0.657636	0.771362	-1.29641	0.668056	0.77796	-1.28541
cg14159522	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.178334	0.269058	0.748455	-1.33609	0.627397	0.884151	-1.13103	0.125173	0.658498	-1.51861	0.0803722	1.62944	1.62944	0.0963374	0.63153	-1.58346
cg02976405	C7orf10;C7orf11	0.178335	0.187356	2.82228	2.82228	?	?	?	0.056297	6.34429	6.34429	?	?	?	?	?	?
cg15819404	PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.178337	0.126306	1.67483	1.67483	0.41435	1.29715	1.29715	0.229322	0.674815	-1.48189	0.128388	1.66938	1.66938	0.916142	0.967693	-1.03339
cg21474964	ZBTB11;LOC100009676	0.178345	0.810671	0.899795	-1.11136	0.00833044	4.67966	4.67966	0.0508181	2.71533	2.71533	0.382232	1.48538	1.48538	0.658473	1.21634	1.21634
cg01929065	CD63;CD63	0.178347	0.980473	0.994115	-1.00592	0.0488003	1.72064	1.72064	0.0457302	1.73747	1.73747	0.569814	0.870638	-1.14858	0.7103	1.09416	1.09416
cg09595079	SPPL3	0.178348	0.752037	1.19363	1.19363	0.807086	1.14638	1.14638	0.665602	0.784423	-1.27482	0.927088	1.05244	1.05244	0.405734	0.621894	-1.60799
cg22843950	BIRC7;BIRC7	0.178352	0.0872332	1.63979	1.63979	0.906116	0.969571	-1.03138	0.0365786	0.529269	-1.8894	0.656652	1.12433	1.12433	0.529352	1.18163	1.18163
cg05078091	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	0.178352	0.447852	1.22586	1.22586	0.276063	1.34754	1.34754	0.104951	1.59432	1.59432	0.976378	0.992235	-1.00783	0.107588	0.629826	-1.58774
cg21348233	GPS1;GPS1	0.178352	0.947144	1.02279	1.02279	0.916913	0.965148	-1.03611	0.116412	0.55992	-1.78597	0.0253504	0.4051	-2.46853	0.244055	0.660794	-1.51333
cg24599189	SLC35A3	0.178358	0.320688	1.16978	1.16978	0.0494404	0.70988	-1.40869	0.442507	1.12713	1.12713	0.686991	1.06386	1.06386	0.0430314	1.42737	1.42737
cg11145818	ZNF273;ZNF273	0.178362	0.251434	1.31519	1.31519	0.251664	1.315	1.315	0.0371101	1.7392	1.7392	0.301577	1.27729	1.27729	0.772541	1.06852	1.06852
cg00334691	SNORD115-11;SNORD115-15;SNORD115-21;SNORD115-43;SNORD115-36;SNORD115-29	0.178363	0.160443	0.332785	-3.00494	0.578338	0.662329	-1.50982	0.551688	0.64283	-1.55562	0.217522	0.385986	-2.59077	0.0627725	0.21517	-4.6475
cg25217357	C12orf61	0.178364	0.81782	0.96284	-1.03859	0.549916	1.10438	1.10438	0.53317	0.901598	-1.10914	0.590273	1.09331	1.09331	0.0562457	1.42592	1.42592
cg21938148	COL4A1;COL4A2	0.178365	0.326203	2.05713	2.05713	0.542397	0.646827	-1.54601	0.0534189	5.04476	5.04476	0.999481	1.00046	1.00046	0.0409023	0.173513	-5.76324
ch.6.1385876F	PTP4A1	0.178367	0.11788	0.534784	-1.86991	0.0178463	0.345983	-2.89031	0.48247	0.768656	-1.30097	0.0491093	0.436949	-2.2886	0.070143	0.474142	-2.10907
cg23111830	SOX21	0.17837	0.0303122	0.698512	-1.43161	0.82608	0.969467	-1.0315	0.310535	1.15935	1.15935	0.581737	1.08155	1.08155	0.219947	1.19931	1.19931
cg06295590	PRIC285	0.178373	0.0229033	0.264492	-3.78083	0.16126	0.481419	-2.07719	0.272344	0.572205	-1.74762	0.106284	0.422393	-2.36746	0.0424639	0.319295	-3.1319
cg21012647	CFLAR;CFLAR	0.178373	0.132636	0.781773	-1.27914	0.0492116	0.71134	-1.4058	0.0429161	0.702225	-1.42404	0.0835552	0.747822	-1.33722	0.940086	1.01147	1.01147
cg15996882	SREBF1;SREBF1	0.178379	0.209423	1.99489	1.99489	0.469695	1.46808	1.46808	0.802001	1.14015	1.14015	0.785381	1.15314	1.15314	0.443507	0.665094	-1.50355
cg04769798	JPH3	0.178384	0.725046	1.0994	1.0994	0.219074	1.41459	1.41459	0.22928	0.712812	-1.40289	0.5826	0.861615	-1.16061	0.0638863	0.571833	-1.74876
cg01023787	SLC6A18	0.178386	0.905849	1.06578	1.06578	0.387754	0.620857	-1.61068	0.0575774	0.314663	-3.17801	0.291738	0.554865	-1.80224	0.88917	1.07797	1.07797
cg10037068	WIPF1;WIPF1	0.178388	0.639428	1.16825	1.16825	0.480619	0.789559	-1.26653	0.16574	1.62769	1.62769	0.796821	1.08875	1.08875	0.013866	0.36712	-2.72391
cg08295608	C14orf79	0.17839	0.781053	1.08587	1.08587	0.42612	1.27158	1.27158	0.0124696	0.398857	-2.50716	0.395558	1.29336	1.29336	0.898547	0.96299	-1.03843
cg22066262	ROBO2;ROBO2	0.178394	0.248389	1.15733	1.15733	0.0149107	0.695891	-1.43701	0.315788	0.881968	-1.13383	0.141276	0.825659	-1.21115	0.803142	0.970206	-1.03071
cg20556517	SSBP4;SSBP4	0.178397	0.677028	0.813417	-1.22938	0.196103	0.509694	-1.96196	0.411716	1.51256	1.51256	0.202805	0.515375	-1.94033	0.205856	0.517928	-1.93077
cg17207170	HIST1H2AM;HIST1H2BO	0.1784	0.286361	0.746021	-1.34045	0.301042	1.32788	1.32788	0.0808532	1.66914	1.66914	0.244515	0.724558	-1.38015	0.454939	0.817574	-1.22313
cg16786481	ERN2	0.178406	0.111978	1.70031	1.70031	0.413196	0.773699	-1.29249	0.399684	1.30267	1.30267	0.252095	1.44329	1.44329	0.122557	1.67059	1.67059
cg25103103	TCF23	0.178408	0.527278	0.81946	-1.22032	0.0909905	0.560597	-1.78381	0.0641686	0.523828	-1.90902	0.596214	0.846853	-1.18084	0.0482772	0.495815	-2.01688
cg15313459	CNRIP1;CNRIP1;CNRIP1;CNRIP1	0.178412	0.353747	0.778514	-1.2845	0.258053	1.363	1.363	0.615707	0.875638	-1.14202	0.267375	1.35418	1.35418	0.896506	0.966427	-1.03474
cg14621843	ZSCAN5A	0.178418	0.179041	1.29867	1.29867	0.0337909	1.57427	1.57427	0.934211	0.984998	-1.01523	0.161002	0.760251	-1.31536	0.876596	1.02886	1.02886
cg24881113	GLRX2;GLRX2	0.178426	0.343365	1.14007	1.14007	0.0427847	1.36772	1.36772	0.182881	0.827117	-1.20902	0.513999	1.09295	1.09295	0.969639	1.00512	1.00512
cg25630838	STARD8;STARD8;STARD8	0.178429	0.026743	0.184986	-5.4058	0.750059	0.814253	-1.22812	0.085535	0.29465	-3.39385	0.692847	0.774727	-1.29078	0.252674	0.463857	-2.15584
cg04152793	NTM;NTM;NTM;NTM	0.178431	0.514865	0.902771	-1.1077	0.0198252	1.54599	1.54599	0.11696	1.30183	1.30183	0.128002	1.29026	1.29026	0.593122	1.08712	1.08712
cg02308226	EIF5B	0.178434	0.0307533	0.153893	-6.49803	0.185202	0.354747	-2.81891	0.734036	0.777602	-1.28601	0.513479	0.613377	-1.63032	0.0761598	0.233295	-4.28641
cg15909006	SLC9A3R2;SLC9A3R2	0.178434	0.117587	0.556095	-1.79825	0.160815	1.67727	1.67727	0.337546	0.710808	-1.40685	0.77239	0.904717	-1.10532	0.637769	1.1779	1.1779
cg17713613	ZNF738	0.178436	0.160491	1.65296	1.65296	0.12977	1.73088	1.73088	0.946618	1.0227	1.0227	0.44641	0.770928	-1.29714	0.533205	0.809322	-1.2356
cg21464591	BAT2	0.178437	0.203543	1.27007	1.27007	0.34531	0.841017	-1.18904	0.0924915	0.719053	-1.39072	0.944402	1.0125	1.0125	0.0434525	1.51236	1.51236
cg07161847	METRN	0.178441	0.152067	0.640218	-1.56197	0.0292294	0.473943	-2.10996	0.0798356	0.568392	-1.75935	0.786469	0.924115	-1.08212	0.0954245	0.587185	-1.70304
cg09906324	C22orf34	0.178446	0.965859	1.0096	1.0096	0.844842	0.957205	-1.04471	0.0264842	0.555856	-1.79903	0.334241	0.800666	-1.24896	0.0294974	0.564281	-1.77217
cg27436003	GJA3	0.178452	0.228821	0.627643	-1.59326	0.563555	1.2403	1.2403	0.680693	0.858464	-1.16487	0.295475	1.49201	1.49201	0.445228	0.750504	-1.33244
cg12229151	PRKCDBP	0.178453	0.135063	1.87568	1.87568	0.0162668	3.14951	3.14951	0.123929	1.91651	1.91651	0.75877	0.886688	-1.12779	0.2454	1.60698	1.60698
cg04926380	EXT2;EXT2	0.178454	0.452246	1.14642	1.14642	0.0154323	0.588419	-1.69947	0.231472	0.799358	-1.251	0.219452	1.25913	1.25913	0.941689	1.01314	1.01314
cg10779718	PAFAH1B2	0.178458	0.528436	0.741259	-1.34906	0.409452	1.48508	1.48508	0.938046	0.964214	-1.03711	0.0296058	3.3221	3.3221	0.533085	0.743824	-1.3444
cg01890435	EXOC3;C5orf55;C5orf55	0.178461	0.218176	0.718016	-1.39273	0.334869	1.28962	1.28962	0.373088	0.791483	-1.26345	0.194687	1.42026	1.42026	0.318113	0.768051	-1.302
cg10854610	ZNF761;LOC147804	0.178461	0.939407	1.01254	1.01254	0.541063	1.10677	1.10677	0.0481681	1.44807	1.44807	0.769707	1.04931	1.04931	0.231396	0.813994	-1.22851
cg09478742	MAPT;MAPT;LOC100128977;LOC100130148;MAPT;MAPT;MAPT;MAPT	0.178465	0.0255773	0.69229	-1.44448	0.344589	0.873744	-1.1445	0.378301	0.882213	-1.13351	0.752901	1.04476	1.04476	0.266295	0.851647	-1.17419
cg23166955	ALDOA;ALDOA;ALDOA;ALDOA;ALDOA	0.178471	0.876067	1.00892	1.00892	0.866531	1.00962	1.00962	0.0728527	1.12064	1.12064	0.0198395	0.852061	-1.17363	0.744637	1.01878	1.01878
cg26821433	LRP2	0.178473	0.287428	0.386191	-2.58939	0.491231	1.82251	1.82251	0.605856	1.56264	1.56264	0.397633	0.475005	-2.10524	0.158589	0.271434	-3.68413
cg20198108	VIM	0.178474	0.21507	0.410781	-2.43439	0.0422625	0.202918	-4.9281	0.0145795	0.128604	-7.77581	0.457445	0.59697	-1.67513	0.291377	0.47406	-2.10944
cg05420802	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.178476	0.832997	0.929395	-1.07597	0.547383	0.809661	-1.23508	0.021728	2.59963	2.59963	0.81291	1.08569	1.08569	0.404406	1.34426	1.34426
cg13206017	SST	0.178478	0.106857	6.37217	6.37217	0.968507	0.959318	-1.04241	0.951779	0.938362	-1.06569	0.920215	1.11115	1.11115	0.350984	0.364277	-2.74516
cg13823441	PLXNB3;PLXNB3;PLXNB3;PLXNB3	0.178481	0.0285911	0.166624	-6.00155	0.622616	1.41082	1.41082	0.504102	1.60056	1.60056	0.216234	2.46674	2.46674	0.0855248	0.267476	-3.73865
cg14074945	RYR2	0.178482	0.966616	1.01204	1.01204	0.161495	1.53324	1.53324	0.909666	0.968077	-1.03298	0.820919	1.06696	1.06696	0.188753	1.48887	1.48887
cg24420093	ZNF215	0.178483	0.272625	0.749435	-1.33434	0.767695	1.0777	1.0777	0.269904	0.748105	-1.33671	0.0257159	1.95269	1.95269	0.0632012	0.589887	-1.69524
cg07869308	TBC1D22A	0.178485	0.985671	1.00704	1.00704	0.722914	0.8702	-1.14916	0.23165	0.612666	-1.63221	0.291688	0.652287	-1.53307	0.958703	0.979981	-1.02043
cg26878949	PTCH1;PTCH1	0.178487	0.605984	0.802889	-1.2455	0.102383	0.470393	-2.12588	0.222557	1.71744	1.71744	0.453607	1.38003	1.38003	0.264383	0.612116	-1.63368
cg25159539	FEM1B	0.17849	0.539514	1.09263	1.09263	0.0706924	1.3338	1.3338	0.146726	1.24872	1.24872	0.463492	1.11228	1.11228	0.104559	1.2879	1.2879
cg08302885	SDK1;SDK1	0.17849	0.126572	0.419664	-2.38286	0.227249	1.94646	1.94646	0.582456	0.746963	-1.33875	0.261118	0.540233	-1.85105	0.566112	0.737316	-1.35627
cg00836482	NR1I2;NR1I2;NR1I2	0.178492	0.103388	12.4783	12.4783	0.161207	8.33294	8.33294	0.296843	4.63007	4.63007	0.405269	0.299235	-3.34186	0.177723	7.61019	7.61019
cg18643460	SLC39A3;SLC39A3	0.178497	0.795462	0.955015	-1.0471	0.982697	1.00385	1.00385	0.876146	0.972743	-1.02802	0.151205	1.31326	1.31326	0.0396982	1.5241	1.5241
cg12809842	PIGX;PIGX;C3orf34;C3orf34	0.178498	0.675944	1.04773	1.04773	0.395579	0.908019	-1.1013	0.404609	0.909761	-1.09919	0.332575	1.11723	1.11723	0.0435043	1.29364	1.29364
cg16911349	ICAM5	0.178499	0.910208	0.926024	-1.07989	0.215995	2.42795	2.42795	0.0115486	8.59968	8.59968	0.972328	1.02391	1.02391	0.38225	0.543102	-1.84127
cg23569090	ADCK1;ADCK1	0.178499	0.629479	0.885612	-1.12916	0.00540965	0.400592	-2.4963	0.849154	1.04873	1.04873	0.408486	0.80957	-1.23522	0.754718	1.08146	1.08146
cg05156200	RRN3P1	0.178503	0.029733	0.286806	-3.48668	0.377398	1.55607	1.55607	0.449403	1.45688	1.45688	0.315964	0.602816	-1.65888	0.905309	0.94356	-1.05982
cg23339449	IGF1R	0.178504	0.0165284	0.253095	-3.95108	0.255033	1.74646	1.74646	0.574373	1.30507	1.30507	0.812966	1.11763	1.11763	0.196146	0.526585	-1.89903
cg13398027	SMAD7	0.178507	0.556081	1.56708	1.56708	0.553861	1.57114	1.57114	0.286678	2.3042	2.3042	0.0929461	4.03331	4.03331	0.24417	0.398805	-2.50749
cg02478172	PTPRN2;PTPRN2;PTPRN2	0.178508	0.786006	1.09358	1.09358	0.0556157	2.04011	2.04011	0.0555378	2.04069	2.04069	0.179159	1.59855	1.59855	0.14066	0.593937	-1.68368
cg24820996	UNC13A	0.178512	0.195988	0.719563	-1.38973	0.645477	1.11795	1.11795	0.680109	1.10494	1.10494	0.520877	0.855024	-1.16956	0.979693	1.00614	1.00614
cg08012217	SHISA6	0.178512	0.0538223	0.147413	-6.78365	0.517517	0.563389	-1.77497	0.666983	0.68485	-1.46017	0.879876	0.876125	-1.14139	0.0179436	0.0808581	-12.3673
cg10938046	C6orf223	0.178515	0.700148	1.16748	1.16748	0.251096	1.6158	1.6158	0.0603925	2.3336	2.3336	0.481022	1.33191	1.33191	0.387463	0.701552	-1.42541
cg23204276	AP1B1;AP1B1;SNORD125;AP1B1	0.178517	0.763171	0.947525	-1.05538	0.28535	1.21887	1.21887	0.341375	1.19109	1.19109	0.0752069	0.702325	-1.42384	0.562162	0.900747	-1.11019
cg06135032	UNKL	0.178517	0.337703	0.784632	-1.27448	0.925661	0.977359	-1.02317	0.220116	0.728774	-1.37217	0.798816	0.939247	-1.06468	0.0153667	0.481907	-2.07509
cg14217589	TBC1D1	0.178521	0.359956	1.92844	1.92844	0.66137	0.735251	-1.36008	0.869399	1.12167	1.12167	0.00536977	0.077463	-12.9094	0.999271	1.00064	1.00064
cg07871302	ALK	0.178527	0.535922	0.869987	-1.14944	0.0418627	1.68393	1.68393	0.495874	1.16607	1.16607	0.525674	0.866852	-1.1536	0.520206	1.15584	1.15584
cg03579474	RHPN1	0.178528	0.515741	0.822532	-1.21576	0.236181	1.44483	1.44483	0.0268955	0.459764	-2.17503	0.235268	1.44597	1.44597	0.251676	0.701159	-1.42621
cg06634596	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.178533	0.372217	0.772917	-1.2938	0.63958	1.1418	1.1418	0.450297	1.24145	1.24145	0.748079	1.09483	1.09483	0.545907	1.18749	1.18749
cg12406559	ZNF532;ZNF532	0.178533	0.857615	1.09189	1.09189	0.0104977	4.83749	4.83749	0.11306	2.32608	2.32608	0.217223	1.88794	1.88794	0.747948	0.854004	-1.17096
cg26357606	TTBK1	0.178538	0.974952	0.989466	-1.01065	0.905663	1.0408	1.0408	0.685942	0.871863	-1.14697	0.385777	0.740883	-1.34974	0.00642289	0.302461	-3.30621
cg02223905	ALS2CL;ALS2CL	0.178544	0.156333	0.505634	-1.97772	0.131124	0.480441	-2.08142	0.01761	0.272861	-3.66487	0.430383	0.696302	-1.43616	0.0369528	0.336337	-2.9732
cg08180934	STRAP	0.178545	0.429877	0.859329	-1.1637	0.547169	0.891707	-1.12144	0.482675	0.874384	-1.14366	0.317772	0.823421	-1.21445	0.734352	1.06618	1.06618
cg27647613	CDC20B;CDC20B;CDC20B;GPX8	0.178546	0.537715	1.34482	1.34482	0.442094	0.689273	-1.4508	0.757744	0.86339	-1.15823	0.110723	0.438191	-2.28211	0.507939	1.37559	1.37559
cg03066577	C3orf55;C3orf55;C3orf55;C3orf55;C3orf55;C3orf55	0.178546	0.467925	1.45424	1.45424	0.286619	1.75253	1.75253	0.95848	1.02675	1.02675	0.705913	0.825125	-1.21194	0.415361	0.655649	-1.52521
cg06629644	GPR133	0.178546	0.322817	0.755317	-1.32395	0.429284	1.24821	1.24821	0.0185305	0.456269	-2.19169	0.443095	1.23971	1.23971	0.667274	0.887952	-1.12619
cg15425061	RALB	0.178547	0.309381	1.76042	1.76042	0.999181	0.999448	-1.00055	0.664392	1.2645	1.2645	0.670893	0.794701	-1.25833	0.0841465	0.357972	-2.79352
cg20151098	GRM4	0.178549	0.76166	0.887352	-1.12695	0.00930482	3.6555	3.6555	0.820898	1.09318	1.09318	0.832189	1.08694	1.08694	0.586336	0.805841	-1.24094
cg13903087	ERC2	0.178551	0.541298	1.36252	1.36252	0.392662	1.54969	1.54969	0.468393	1.44637	1.44637	0.733128	1.18674	1.18674	0.0125136	0.21139	-4.7306
cg26146562	WNT9A	0.178553	0.0316119	0.356287	-2.80673	0.391886	0.698221	-1.43221	0.117771	0.498767	-2.00494	0.5772	0.794034	-1.25939	0.0584061	0.416547	-2.40069
cg04599026	DLX6AS;DLX6	0.178554	0.389487	1.3688	1.3688	0.0421725	2.30087	2.30087	0.266215	0.662057	-1.51044	0.713539	1.14026	1.14026	0.747589	1.12181	1.12181
cg11644057	C2CD4C	0.178556	0.549637	0.905389	-1.1045	0.469086	1.12855	1.12855	0.484665	1.12366	1.12366	0.187935	0.79526	-1.25745	0.00819284	0.573821	-1.7427
cg05774290	C12orf72;C12orf72;C12orf72	0.178559	0.145371	0.5838	-1.71292	0.0608409	0.483173	-2.06965	0.132283	0.571708	-1.74914	0.754267	1.11414	1.11414	0.0196596	0.379057	-2.63813
cg03626734	PRSS16	0.178565	0.569174	0.688449	-1.45254	0.141198	2.7919	2.7919	0.846838	1.13368	1.13368	0.335935	0.525297	-1.90368	0.283688	0.485445	-2.05997
cg00759295	ARHGEF1;ARHGEF1;ARHGEF1;ARHGEF1	0.178567	0.959631	1.01298	1.01298	0.899013	1.03288	1.03288	0.736566	0.917568	-1.08984	0.790183	0.934309	-1.07031	0.936143	0.97979	-1.02063
cg13640924	BRF1;BRF1	0.178567	0.692049	1.20232	1.20232	0.870458	0.927246	-1.07846	0.955921	1.02591	1.02591	0.498767	0.727737	-1.37412	0.00873106	0.213023	-4.69433
cg23622026	ANKRD5;ANKRD5	0.178569	0.91355	0.979231	-1.02121	0.188172	0.763755	-1.30932	0.47119	0.867917	-1.15218	0.0796782	0.686665	-1.45631	0.126683	0.726662	-1.37616
cg15260951	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.17857	0.523045	1.23624	1.23624	0.0515787	2.06673	2.06673	0.419339	1.31042	1.31042	0.864803	0.945696	-1.05742	0.518025	0.806776	-1.2395
cg26841277	CNNM3;CNNM3	0.178573	0.902881	1.03601	1.03601	0.0259729	2.15087	2.15087	0.0866928	1.73034	1.73034	0.936738	0.97726	-1.02327	0.103294	0.596693	-1.6759
cg13373085	SLC22A4	0.178582	0.0282597	0.709685	-1.40907	0.374887	0.886401	-1.12816	0.581804	0.928999	-1.07643	0.011297	0.656995	-1.52208	0.414257	0.895387	-1.11684
cg07154958	TMEM56	0.178584	0.258921	0.853123	-1.17216	0.205032	1.19763	1.19763	0.0241498	1.43706	1.43706	0.411908	0.893016	-1.1198	0.410003	0.892586	-1.12034
cg18821083	CCDC46	0.178585	0.0401674	0.527424	-1.89601	0.120516	0.634851	-1.57517	0.0224255	0.478072	-2.09174	0.214362	0.70278	-1.42292	0.096609	0.611297	-1.63587
cg04057051	LSM11	0.17859	0.884895	0.970548	-1.03035	0.921817	1.02047	1.02047	0.808379	1.05142	1.05142	0.0920628	0.682012	-1.46625	0.852729	1.0391	1.0391
cg17322683	RNF39;RNF39	0.178591	0.424937	1.31432	1.31432	0.0142696	2.75589	2.75589	0.201825	1.57159	1.57159	0.308943	1.42363	1.42363	0.134488	1.71824	1.71824
cg10587583	ACRC;BCYRN1	0.178591	0.937701	1.03015	1.03015	0.298958	0.664292	-1.50536	0.398624	0.720113	-1.38867	0.0409209	0.407996	-2.451	0.0105169	0.294293	-3.39798
cg10654803	OXCT1	0.178594	0.391701	1.76902	1.76902	0.607421	1.40052	1.40052	0.900583	0.921974	-1.08463	0.381035	1.79326	1.79326	0.435569	1.67712	1.67712
cg03602233	ZNRF1	0.178595	0.2046	0.668255	-1.49643	0.514383	1.22031	1.22031	0.331182	1.35244	1.35244	0.313458	1.3688	1.3688	0.536246	0.828119	-1.20756
cg14398449	POM121	0.1786	0.584391	0.920065	-1.08688	0.0974777	1.31557	1.31557	0.344518	1.15818	1.15818	0.384094	1.14408	1.14408	0.0923718	1.32231	1.32231
cg13992402	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPAN4	0.17861	0.0563271	3.00567	3.00567	0.477089	1.44505	1.44505	0.100204	2.5022	2.5022	0.805178	1.13411	1.13411	0.160026	0.465595	-2.14779
cg25451120	ABI3;GNGT2;ABI3	0.17861	0.0454983	0.402347	-2.48542	0.375758	1.43451	1.43451	0.905543	0.953973	-1.04825	0.458736	0.741209	-1.34915	0.529855	0.776762	-1.2874

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21814583	0.483752	1.17523	1.17523	0.413559	1.20882	1.20882	0.868469	1.03832	1.03832	0.0613399	0.619854	-1.61328	1.95856	1.59664	0.72463	1
cg16162324	0.721593	0.942199	-1.06135	0.0803187	0.724098	-1.38103	0.307928	0.838939	-1.19198	0.091053	0.733637	-1.36307	1.95856	0.858945	0.389831	1
cg04125765	0.418383	0.711966	-1.40456	0.310143	0.649558	-1.53951	0.811499	1.10314	1.10314	0.165167	0.544312	-1.83718	1.95854	5.23563	2.3762	1
cg18538675	0.995929	1.00158	1.00158	0.0345441	2.14313	2.14313	0.910809	1.03526	1.03526	0.0630893	1.90889	1.90889	1.95853	2.96657	1.34639	1
cg20628205	0.155879	0.793629	-1.26004	0.119078	0.772956	-1.29373	0.421945	0.882597	-1.13302	0.176873	1.24425	1.24425	1.95853	0.718923	0.326287	1
cg00948862	0.0239183	0.495422	-2.01848	0.625419	1.13682	1.13682	0.410688	1.24517	1.24517	0.752167	1.08608	1.08608	1.95853	2.10728	0.956401	1
cg12282830	0.449076	1.08455	1.08455	0.475454	0.926481	-1.07935	0.249056	0.880934	-1.13516	0.907067	0.987787	-1.01236	1.9585	0.34344	0.155875	1
cg21155461	0.527301	1.13051	1.13051	?	?	?	0.404326	1.17754	1.17754	0.0301811	1.62938	1.62938	1.97111	1.01788	0.516399	1
cg11907797	0.365708	2.43822	2.43822	0.28883	2.87469	2.87469	0.0739974	6.75043	6.75043	0.157165	4.26689	4.26689	1.95848	28.5272	12.9475	1
cg24162759	0.49624	1.27355	1.27355	0.0356807	0.425001	-2.35294	0.302925	0.688324	-1.4528	0.173353	0.602264	-1.6604	1.95848	3.79985	1.72462	1
cg22020784	0.446138	1.12268	1.12268	0.0124224	1.58981	1.58981	0.947013	1.00995	1.00995	0.503892	1.10635	1.10635	1.95846	0.688699	0.31258	1
cg17929630	0.168658	2.52663	2.52663	0.280703	0.49235	-2.03107	0.280785	2.03081	2.03081	0.842128	1.1343	1.1343	1.95846	12.3864	5.62183	1
cg20925482	0.605742	0.945978	-1.05711	0.633747	0.950091	-1.05253	0.98393	1.00215	1.00215	0.717835	1.03946	1.03946	1.95845	0.352866	0.160156	1
cg17751438	0.934318	1.01169	1.01169	0.118285	0.787349	-1.27008	0.361801	0.876209	-1.14128	0.0237933	1.4628	1.4628	1.95845	0.616472	0.2798	1
cg20781526	0.0700159	0.778014	-1.28532	0.136005	1.22026	1.22026	0.12898	0.816045	-1.22542	0.503559	1.08775	1.08775	1.95845	0.476245	0.216155	1
cg06448666	0.0493685	0.427955	-2.33669	0.160544	0.567092	-1.76338	0.335751	0.686875	-1.45587	0.495496	1.29938	1.29938	1.95841	4.44121	2.01579	1
cg25523087	0.063182	0.626135	-1.5971	0.0838035	0.651355	-1.53526	0.158115	1.40226	1.40226	0.295387	1.27522	1.27522	1.9584	1.55698	0.706689	1
cg08520423	0.466826	1.21727	1.21727	0.0312417	1.95643	1.95643	0.342511	0.771299	-1.29651	0.376186	1.2727	1.2727	1.9584	2.18685	0.992581	1
cg04722249	0.510738	0.829718	-1.20523	0.013812	0.426767	-2.3432	0.708674	1.11074	1.11074	0.345333	1.31254	1.31254	1.95839	2.42856	1.1023	1
cg12546582	0.929527	1.05283	1.05283	0.0775053	0.319145	-3.13337	0.0435951	3.85897	3.85897	0.753564	0.832516	-1.20118	1.95838	10.5069	4.76896	1
cg14159522	0.10379	0.639051	-1.56482	0.180194	0.698901	-1.43082	0.565007	0.86379	-1.15769	0.60629	1.13981	1.13981	1.95838	1.9653	0.89203	1
cg02976405	0.535736	1.5299	1.5299	0.488042	0.618379	-1.61713	?	?	?	?	?	?	3.27943	8.11926	1.85686	1
cg15819404	0.0847986	1.81176	1.81176	0.0323657	2.18409	2.18409	0.682271	1.13694	1.13694	0.267645	1.4334	1.4334	1.95836	3.01537	1.36866	1
cg21474964	0.960594	0.978503	-1.02197	0.503503	1.34888	1.34888	0.617818	1.24797	1.24797	0.51132	1.34129	1.34129	2.04851	6.14429	2.33286	1
cg01929065	0.72879	1.08758	1.08758	0.310379	1.28809	1.28809	0.132431	1.47934	1.47934	0.0424324	1.75705	1.75705	1.9583	1.80413	0.81891	1
cg09595079	0.240527	1.98606	1.98606	0.533051	1.42269	1.42269	0.00597535	7.43893	7.43893	0.378012	1.65711	1.65711	1.9583	9.67076	4.38965	1
cg22843950	0.387466	1.26113	1.26113	0.0624457	1.73192	1.73192	0.532184	1.18025	1.18025	0.49721	1.19785	1.19785	1.95828	2.12762	0.965753	1
cg05078091	0.0660967	0.581154	-1.72071	0.25666	1.36573	1.36573	0.495223	0.833336	-1.2	0.4205	0.805203	-1.24192	1.95828	2.1495	0.975689	1
cg21348233	0.053345	0.474199	-2.10882	0.941323	0.975286	-1.02534	0.872705	1.05602	1.05602	0.0800463	0.516739	-1.93521	1.95828	3.58413	1.62688	1
cg24599189	0.170642	1.24981	1.24981	0.644157	1.07367	1.07367	0.36877	1.15152	1.15152	0.209145	1.22425	1.22425	1.95824	0.724426	0.328832	1
cg11145818	0.108078	0.669721	-1.49316	0.575071	0.878522	-1.13828	0.194111	0.730418	-1.36908	0.988713	0.996771	-1.00324	1.95822	1.6216	0.736088	1
cg00334691	0.523114	0.621963	-1.60781	0.0122374	0.101251	-9.87646	0.20327	0.373271	-2.67902	0.0972553	0.263052	-3.80152	1.95822	16.6988	7.58006	1
cg25217357	0.572863	1.09802	1.09802	0.64847	1.07824	1.07824	0.0269133	0.650445	-1.53741	0.212791	0.806256	-1.2403	1.95821	0.835346	0.379188	1
cg21938148	0.557171	1.52096	1.52096	0.959344	1.03651	1.03651	?	?	?	0.333016	2.03471	2.03471	2.18446	14.4921	4.97563	1
ch.6.1385876F	0.459517	0.757612	-1.31994	0.277321	0.65939	-1.51655	0.207151	0.612424	-1.63286	0.331906	0.691445	-1.44625	1.9582	4.21348	1.91264	1
cg23111830	0.460345	1.11173	1.11173	0.0679862	0.749741	-1.33379	0.656923	0.938952	-1.06502	0.530455	1.09368	1.09368	1.95818	0.615788	0.279528	1
cg06295590	0.150273	0.470733	-2.12435	0.365796	0.635079	-1.57461	0.13352	0.453503	-2.20505	0.193111	0.510208	-1.95999	1.95816	7.40398	3.36096	1
cg21012647	0.489146	0.89888	-1.1125	0.0689023	0.734282	-1.36188	0.160407	0.796507	-1.25548	0.309569	0.852535	-1.17297	1.95816	0.713903	0.324069	1
cg15996882	0.316074	0.582117	-1.71787	0.13064	0.426512	-2.3446	0.0175121	4.52402	4.52402	0.870307	1.08904	1.08904	1.95813	8.4507	3.83618	1
cg04769798	0.0382316	0.524923	-1.90504	0.711145	0.905003	-1.10497	0.226132	1.40644	1.40644	0.520619	0.839678	-1.19093	1.9581	2.23318	1.01376	1
cg01023787	0.0716218	0.33854	-2.95386	0.698869	0.811147	-1.23282	0.392022	0.623646	-1.60347	0.0146455	0.198239	-5.04443	1.95809	8.99078	4.08143	1
cg10037068	0.259855	1.47307	1.47307	0.978131	0.991007	-1.00907	0.274959	1.45402	1.45402	0.903473	0.960805	-1.04079	1.95808	3.36824	1.52905	1
cg08295608	0.347254	1.33128	1.33128	0.221638	1.46199	1.46199	0.495021	0.81477	-1.22734	0.404428	1.28688	1.28688	1.95807	2.71071	1.23056	1
cg22066262	0.505855	0.921506	-1.08518	0.625497	0.942174	-1.06137	0.992989	1.00106	1.00106	0.0936717	0.799921	-1.25012	1.95805	0.454744	0.206439	1
cg20556517	0.302737	0.590777	-1.69268	0.0197476	0.249571	-4.00688	0.0571593	0.346132	-2.88907	0.257718	0.558618	-1.79013	1.95803	7.53746	3.42179	1
cg17207170	0.401121	0.796576	-1.25537	0.0530237	0.558868	-1.78933	0.406543	1.25195	1.25195	0.464286	1.21788	1.21788	1.95801	2.17183	0.985954	1
cg16786481	0.234577	1.4654	1.4654	0.415382	1.29088	1.29088	0.0129618	2.57496	2.57496	0.372566	1.32414	1.32414	1.95798	2.91687	1.32421	1
cg25103103	0.503454	1.235	1.235	0.954935	0.982586	-1.01772	0.0753044	0.540322	-1.85075	0.110721	0.58261	-1.71641	1.95797	2.99654	1.36039	1
cg15313459	0.676733	0.895812	-1.11631	0.0739546	0.592972	-1.68642	0.73523	1.09316	1.09316	0.0272957	1.9845	1.9845	1.95795	2.13524	0.969377	1
cg14621843	0.631262	0.915272	-1.09257	0.706035	1.07184	1.07184	0.135627	1.3424	1.3424	0.0951676	1.39891	1.39891	1.95792	1.03941	0.471891	1
cg24881113	0.0379701	1.38142	1.38142	0.986675	1.00225	1.00225	0.295071	1.15699	1.15699	0.153281	1.22796	1.22796	1.95787	0.559217	0.253889	1
cg25630838	0.119666	0.337704	-2.96118	0.0283542	0.189391	-5.28008	0.228702	0.443876	-2.25288	0.516997	0.655473	-1.52562	1.95785	12.8176	5.81936	1
cg04152793	0.620433	1.08039	1.08039	0.10961	1.31017	1.31017	0.596463	0.920569	-1.08628	0.731103	0.947973	-1.05488	1.95784	0.743807	0.3377	1
cg02308226	0.0676036	0.22085	-4.52796	0.0714301	0.226511	-4.4148	0.484288	0.591993	-1.68921	0.0894798	0.251326	-3.9789	1.95783	16.8694	7.65903	1
cg15909006	0.227015	1.54945	1.54945	0.120845	1.78747	1.78747	0.118337	1.79574	1.79574	0.243379	0.656097	-1.52416	1.95782	3.69615	1.67812	1
cg17713613	0.94272	0.9762	-1.02438	0.424426	0.760748	-1.3145	0.0145358	2.74314	2.74314	0.546247	1.22715	1.22715	1.95781	3.48424	1.58192	1
cg21464591	0.903756	1.02178	1.02178	0.0936522	1.38878	1.38878	0.931581	0.98482	-1.01541	0.442169	1.14981	1.14981	1.95781	0.983935	0.446729	1
cg07161847	0.519257	1.20912	1.20912	0.346239	0.754334	-1.32567	0.159581	0.646087	-1.54778	0.676448	1.12973	1.12973	1.95779	2.61923	1.1892	1
cg09906324	0.282767	0.77947	-1.28292	0.469861	0.848636	-1.17836	0.285367	1.28107	1.28107	0.876873	1.03522	1.03522	1.95776	1.54504	0.701501	1
cg27436003	0.211891	0.615694	-1.62418	0.248718	0.641028	-1.55999	0.0584793	2.19995	2.19995	0.0987621	1.9496	1.9496	1.95773	4.21751	1.91492	1
cg12229151	0.216522	1.66151	1.66151	0.0609351	2.28109	2.28109	0.445286	1.35498	1.35498	0.723464	1.14879	1.14879	1.95772	4.7263	2.14594	1
cg04926380	0.996882	0.999303	-1.0007	0.790136	0.95352	-1.04875	0.217701	1.26035	1.26035	0.421149	0.863609	-1.15793	1.95771	0.987184	0.448225	1
cg10779718	0.708866	0.838761	-1.19223	0.0824941	0.405912	-2.46359	0.366888	0.647558	-1.54426	0.171507	1.97871	1.97871	1.9577	6.81395	3.09386	1
cg01890435	0.0454675	1.79803	1.79803	0.128436	0.656877	-1.52235	0.575089	1.15586	1.15586	0.65895	1.1203	1.1203	1.95768	2.02788	0.920766	1
cg10854610	0.296391	0.837356	-1.19423	0.0280414	0.653482	-1.53026	0.949275	0.989624	-1.01049	0.977367	1.00466	1.00466	1.95767	0.833381	0.3784	1
cg09478742	0.715926	0.950593	-1.05197	0.515057	0.912545	-1.09584	0.0205098	0.679087	-1.47257	0.543773	1.08893	1.08893	1.95765	0.595944	0.270593	1
cg23166955	0.222143	0.929565	-1.07577	0.478442	0.959808	-1.04187	0.919051	1.0058	1.0058	0.404284	1.04978	1.04978	1.95762	0.100467	0.0456186	1
cg26821433	?	?	?	0.0174897	0.0775959	-12.8873	0.498131	1.80463	1.80463	0.296117	0.393375	-2.5421	2.05928	20.8164	8.845	1
cg20198108	0.772406	1.21861	1.21861	0.303149	0.483282	-2.06918	0.686607	1.31854	1.31854	0.372949	0.536021	-1.8656	1.95761	14.4106	6.54343	1
cg05420802	0.243525	1.52676	1.52676	0.0270319	2.47889	2.47889	0.225394	1.55505	1.55505	0.504946	1.26441	1.26441	1.95759	3.72817	1.69286	1
cg13206017	0.468298	0.460111	-2.17339	0.657226	1.59971	1.59971	0.0157822	22.455	22.455	0.120099	5.89349	5.89349	1.95758	34.3113	15.5799	1
cg13823441	0.176679	0.369186	-2.70867	0.374758	0.531483	-1.88153	0.657761	0.733934	-1.36252	0.335348	0.501929	-1.99231	1.95756	14.9245	6.77691	1
cg14074945	0.150394	1.5537	1.5537	0.00704692	2.70641	2.70641	0.51389	1.20832	1.20832	0.349417	1.31697	1.31697	1.95756	2.53318	1.15027	1
cg24420093	0.920193	0.975002	-1.02564	0.938142	0.980585	-1.0198	0.482838	1.19741	1.19741	0.529023	0.851207	-1.1748	1.95755	1.97838	0.898344	1
cg07869308	0.085046	2.10358	2.10358	0.0163774	0.31795	-3.14515	0.883387	0.944294	-1.05899	0.557749	1.26051	1.26051	1.95755	4.72835	2.14706	1
cg26878949	0.348589	1.50255	1.50255	0.0441733	0.377004	-2.65249	0.1817	0.549821	-1.81877	0.313845	0.644356	-1.55194	1.95753	5.51928	2.50623	1
cg25159539	0.475268	0.901643	-1.10909	0.148165	0.801541	-1.2476	0.781435	0.961112	-1.04046	0.0990468	1.2942	1.2942	1.95752	0.630519	0.286312	1
cg08302885	0.16655	0.460718	-2.17052	0.116984	0.408722	-2.44665	0.0629805	0.333217	-3.00104	0.0532927	0.315531	-3.16926	1.95752	8.55817	3.88618	1
cg00836482	0.46423	0.348013	-2.87346	0.793395	1.45051	1.45051	0.80346	1.4238	1.4238	0.0193108	55.1066	55.1066	1.95751	62.2441	28.2646	1
cg18643460	0.118303	0.740475	-1.35048	0.135936	0.752237	-1.32937	0.368448	1.17783	1.17783	0.494689	0.884385	-1.13073	1.95747	0.973263	0.441959	1
cg12809842	0.370932	1.10726	1.10726	0.241979	0.873003	-1.14547	0.0794956	0.805843	-1.24094	0.388028	0.906542	-1.10309	1.95747	0.381306	0.173151	1
cg16911349	0.386791	0.546423	-1.83009	0.262078	0.450833	-2.21812	0.913821	0.928906	-1.07654	0.602958	0.699422	-1.42975	1.95747	14.3879	6.53355	1
cg23569090	0.980242	0.993831	-1.00621	0.997465	0.999207	-1.00079	0.696598	0.906727	-1.10287	0.31421	1.29703	1.29703	1.95746	1.93575	0.879027	1
cg05156200	0.217183	0.530547	-1.88485	0.437826	0.679527	-1.47161	0.222671	0.534946	-1.86935	0.0469646	0.329526	-3.03466	1.95745	7.38834	3.35509	1
cg23339449	0.966607	0.980549	-1.01984	0.344412	0.633204	-1.57927	?	?	?	0.472183	1.40934	1.40934	1.97003	6.10592	3.09941	1
cg13398027	0.120907	3.55711	3.55711	0.298107	0.44319	-2.25637	0.0526507	5.27033	5.27033	0.175816	2.96241	2.96241	1.95742	17.6467	8.01359	1
cg02478172	0.31948	1.40241	1.40241	0.945392	0.977734	-1.02277	0.75855	1.10667	1.10667	0.343347	0.725498	-1.37836	1.95742	3.35008	1.52131	1
cg24820996	0.13396	0.677726	-1.47552	0.00855886	0.446051	-2.24189	0.337702	0.788294	-1.26856	0.87019	1.04015	1.04015	1.9574	1.79587	0.815538	1
cg08012217	0.243181	0.343713	-2.9094	0.72512	1.36168	1.36168	0.580876	0.614069	-1.62848	0.0555374	0.149946	-6.66905	1.9574	23.7067	10.7656	1
cg10938046	0.155232	1.83787	1.83787	0.0181738	3.15066	3.15066	0.16639	1.80484	1.80484	0.540078	1.28173	1.28173	1.95738	4.96372	2.25414	1
cg23204276	0.881317	1.02701	1.02701	0.0180639	1.66901	1.66901	0.798723	0.955446	-1.04663	0.700579	0.933403	-1.07135	1.95737	0.986239	0.447876	1
cg06135032	0.259549	0.74929	-1.3346	0.072638	0.611718	-1.63474	0.65058	0.894133	-1.1184	0.0489017	0.575875	-1.73649	1.95737	1.86685	0.847782	1
cg14217589	0.336905	0.501161	-1.99537	0.394027	0.543807	-1.83889	0.993587	0.994408	-1.00562	0.760885	0.808181	-1.23735	1.95734	15.0922	6.85384	1
cg07871302	0.545436	1.14564	1.14564	0.014368	1.95528	1.95528	0.293532	1.27393	1.27393	0.597308	1.12576	1.12576	1.95731	1.53045	0.695037	1
cg03579474	0.54834	1.19729	1.19729	0.53285	0.829223	-1.20595	0.169761	1.54275	1.54275	0.689248	1.12655	1.12655	1.95731	2.72446	1.23728	1
cg06634596	0.112962	1.62426	1.62426	0.00982851	2.50318	2.50318	0.166244	1.51445	1.51445	0.267015	1.38421	1.38421	1.95728	2.45052	1.11289	1
cg12406559	0.897102	0.938631	-1.06538	0.367783	0.635819	-1.57277	0.342866	1.61338	1.61338	0.592789	1.30244	1.30244	1.95728	7.42735	3.3731	1
cg26357606	0.279393	1.4613	1.4613	0.728468	1.12475	1.12475	0.687753	1.146	1.146	0.700377	1.13931	1.13931	1.95725	3.52691	1.60175	1
cg02223905	0.212809	0.554274	-1.80416	0.312134	0.624859	-1.60036	0.153306	0.502749	-1.98906	0.292927	0.61221	-1.63343	1.95722	6.26938	2.8473	1
cg08180934	0.57655	1.11198	1.11198	0.147952	1.33913	1.33913	0.0222084	1.67489	1.67489	0.129057	1.3615	1.3615	1.95721	1.09724	0.498321	1
cg27647613	0.443139	0.689883	-1.44952	0.403528	0.666417	-1.50056	0.395914	0.661817	-1.51099	0.0178098	3.92644	3.92644	1.95721	6.98718	3.17331	1
cg03066577	0.584717	0.755913	-1.3229	0.914993	1.05563	1.05563	0.00689898	5.89013	5.89013	0.337462	1.65104	1.65104	1.95721	7.96943	3.61941	1
cg06629644	0.685808	1.11824	1.11824	0.885368	1.04043	1.04043	0.0599281	0.558091	-1.79182	0.299899	0.744387	-1.34339	1.95721	2.34044	1.06294	1
cg15425061	0.705884	1.22609	1.22609	0.240014	1.9375	1.9375	0.0182321	4.66816	4.66816	0.309636	1.75986	1.75986	1.9572	8.95915	4.06891	1
cg20151098	0.86092	1.07133	1.07133	0.545202	0.786196	-1.27195	0.708444	0.862791	-1.15903	0.11295	0.507727	-1.96956	1.95719	4.7846	2.173	1
cg13903087	0.308009	1.69526	1.69526	0.17375	2.06256	2.06256	0.556248	1.34678	1.34678	0.508015	1.39924	1.39924	1.95718	7.75671	3.52285	1
cg26146562	0.375994	0.689314	-1.45072	0.194817	0.570298	-1.75347	0.0416737	0.38228	-2.61588	0.120446	0.501699	-1.99323	1.95717	5.19817	2.36086	1
cg04599026	0.241188	1.54768	1.54768	0.872833	0.944572	-1.05868	0.779886	1.10488	1.10488	0.0186549	2.75954	2.75954	1.95716	3.92813	1.78405	1
cg11644057	0.700163	1.06559	1.06559	0.825226	1.03698	1.03698	0.41497	0.87214	-1.1466	0.478878	0.888525	-1.12546	1.95715	0.835534	0.379478	1
cg05774290	0.89484	1.04657	1.04657	0.138278	0.577346	-1.73206	0.609141	0.837354	-1.19424	0.376253	0.731574	-1.36692	1.95714	3.67261	1.66802	1
cg03626734	0.732546	0.800454	-1.24929	0.336597	0.525789	-1.9019	0.015947	6.78579	6.78579	0.928742	0.943616	-1.05975	1.9571	13.0496	5.92694	1
cg00759295	0.670138	1.11536	1.11536	0.90674	1.03031	1.03031	0.00942339	2.31301	2.31301	0.0428337	1.81116	1.81116	1.95709	2.01235	0.913986	1
cg13640924	0.266503	0.585187	-1.70886	0.0580607	0.371028	-2.69521	0.435534	0.691979	-1.44513	0.91239	0.950337	-1.05226	1.95709	6.63953	3.0156	1
cg23622026	0.660969	1.08904	1.08904	0.0383079	1.59033	1.59033	0.437429	0.858049	-1.16543	0.867584	1.03278	1.03278	1.95708	1.15776	0.525845	1
cg15260951	0.150396	0.603468	-1.65709	0.107214	0.562094	-1.77906	0.484902	0.792519	-1.2618	0.116764	0.57216	-1.74776	1.95708	3.32728	1.51122	1
cg26841277	0.338388	1.33106	1.33106	0.450247	0.800168	-1.24974	0.885074	1.0428	1.0428	0.853095	0.947702	-1.05518	1.95706	2.60277	1.18217	1
cg13373085	0.783001	0.964107	-1.03723	0.538548	0.920862	-1.08594	0.741342	1.04483	1.04483	0.424009	0.897531	-1.11417	1.95701	0.543331	0.246785	1
cg07154958	0.25203	1.17513	1.17513	0.677201	0.945104	-1.05808	0.386905	1.12706	1.12706	0.226215	1.18694	1.18694	1.957	0.563753	0.256063	1
cg18821083	0.20943	0.69981	-1.42896	0.432046	0.805449	-1.24154	0.149333	0.658907	-1.51766	0.418788	0.800185	-1.24971	1.95699	2.25643	1.0249	1
cg04057051	0.0637217	0.650402	-1.53751	0.909459	0.976796	-1.02376	0.0337899	0.599582	-1.66783	0.056506	0.64045	-1.5614	1.95696	1.32005	0.599592	1
cg17322683	0.545128	0.814309	-1.22804	0.439088	1.30305	1.30305	0.059016	2.04454	2.04454	0.374428	1.35772	1.35772	1.95696	3.4873	1.584	1
cg10587583	0.311447	0.671743	-1.48866	0.996687	0.998424	-1.00158	0.926477	1.03569	1.03569	0.427852	0.735234	-1.36011	1.95696	4.47438	2.03235	1
cg10654803	0.236833	2.23811	2.23811	0.0142658	7.13189	7.13189	0.0251906	5.64301	5.64301	0.241788	2.21753	2.21753	1.95694	13.0954	5.94825	1
cg03602233	0.239493	0.690108	-1.44905	0.0303175	0.464532	-2.15271	0.0861332	0.56496	-1.77004	0.686531	0.885	-1.12994	1.95694	2.81034	1.27653	1
cg14398449	0.738722	1.05178	1.05178	0.0221247	1.51257	1.51257	0.102913	1.30879	1.30879	0.1374	1.27292	1.27292	1.95691	0.705033	0.320248	1
cg13992402	0.645447	0.789842	-1.26608	0.62186	1.2881	1.2881	0.0408228	3.32781	3.32781	0.510478	1.40485	1.40485	1.95686	8.03708	3.65079	1
cg25451120	0.120071	1.95301	1.95301	0.0737839	2.20586	2.20586	0.350649	1.46421	1.46421	0.67814	0.847337	-1.18017	1.95685	4.88318	2.21816	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 3537 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg22207221	RNF126	0.178622	0.570404	0.010722	0.09803	0.396317	1.45217	1.15217	0.0218191	0.636368	-1.56649	0.870309	1.027	1.027	0.0726729	0.721409	-1.38618	0.69393	1.93796	-1.06614	0.0642422	0.712428	-1.40365	0.635532	0.932097	-1.08097	0.723625	1.05961	1.05961	1.95679	0.8244118	0.374364	1
cg27368039	MAK	0.178627	0.040504	0.248997	-4.01611	0.768083	1.18979	1.18979	0.697061	0.794616	-1.25847	0.2036	0.454494	-2.20025	0.0291341	0.220709	-4.53085	0.266615	0.50653	-1.97422	0.516628	0.679479	-1.47172	0.265986	1.97613	1.97613	0.293282	0.52694	-1.89775	1.95676	10.7023	4.86169	1
cg24724877	ADC	0.178631	0.394596	1.30862	1.30862	0.999966	1.30445	1.30445	0.144098	0.61627	-1.62267	0.422612	1.28746	1.28746	0.418839	1.2758	1.2758	0.638018	0.864002	-1.15741	0.0169053	0.407026	-2.45684	0.609401	1.17229	1.17229	0.361647	0.74882	-1.33543	1.95674	2.94894	1.33962	1
cg11960719	UPCAT1	0.178633	0.930076	0.961823	-1.03969	0.781885	1.38188	2.38188	0.740117	1.15909	1.15909	0.131246	0.20991	2.05991	0.0238896	0.502601	-1.30468	0.498668	0.737399	-1.35612	0.570232	1.28976	1.28976	0.691225	1.19371	1.19371	0.721904	0.854446	-1.17035	1.95673	6.095847	2.76919	1
cg14330593	INPP4A;INPP4A;INPP4A;INPP4A	0.178634	0.0707543	3.15026	3.15026	0.258764	0.511912	-1.95346	0.322803	0.559683	-1.78673	0.0826821	2.98075	2.98075	0.414388	0.622414	-1.60665	0.475233	0.661913	-1.51077	0.988175	0.991613	-1.00846	0.0860442	2.93874	2.93874	0.639454	1.30753	1.95672	10.0384	4.54656	1
cg00149830	UCK1;UCK1	0.178634	0.702071	1.05971	1.05971	0.0327202	1.45789	1.45789	0.0589586	1.1796	1.1796	2.44671	2.10158	2.10158	2.127941	1.2058	1.20506	0.629066	1.07621	1.07621	0.261889	0.838178	-1.19306	0.300886	0.850416	-1.1759	0.512556	1.10541	1.95672	0.705549	0.320613	1
cg14951193	PUNS	0.178643	0.089666	0.564752	-1.77069	0.118822	0.596302	-1.677	0.901126	1.03869	1.03869	0.889116	0.958294	-1.04352	0.0719008	0.541421	-1.84699	0.229459	1.46975	1.46975	0.417219	1.28812	1.28812	0.242622	1.4527	1.4527	0.387443	1.31065	1.31065	1.95667	2.88997	1.31287	1
cg14209227	RIDD1	0.178644	0.382416	0.870234	-1.56952	0.774294	1.10219	1.10219	0.0111326	1.413152	1.413152	0.607876	0.923831	-1.08362	0.711172	1.059431	-1.44041	0.0998603	0.755935	-1.32288	0.0466121	0.502168	-1.43416	0.0648005	0.990913	-1.07421	0.82564	1.09483	1.03483	1.95667	0.7461844	0.338981	1
cg21121455	PLOD3	0.178645	0.489775	0.837043	1.19482	0.0563739	1.72941	1.72941	0.160382	1.26875	1.26875	0.268239	1.33961	1.33961	0.299327	0.761306	-1.31353	0.698955	0.906171	-1.10354	0.43009	1.22655	1.22655	0.133394	1.50753	1.50753	0.0960949	0.629186	-1.58936	1.95666	1.99202	0.904953	1
cg24370698	PGM1	0.178649	0.626102	0.737317	-1.35627	0.347177	1.823552	1.823552	0.0526064	3.92578	3.92578	0.632515	1.34851	1.34851	0.0779471	0.296514	-3.37252	0.617358	0.731539	-1.36698	0.169343	0.403063	-2.481	0.15672	0.390589	-2.56023	0.44146	0.61438	-1.62766	1.95664	11.9363	5.4226	1
cg13693613	EDEM1	0.178649	0.353943	0.848229	1.17892	0.273572	1.08357	1.08357	0.0705268	1.07002	1.07002	0.0196122	0.643472	1.07002	0.0196122	0.643472	-1.55403	0.811111	1.04219	1.04219	0.153408	1.1142	1.1142	0.212348	0.797146	-1.25448	0.257703	1.22612	1.22612	1.95664	0.923107	0.491961	1
cg23864283	INTS1	0.178649	0.641392	0.886135	-1.125	0.95642	0.986015	-1.01418	0.0492863	0.560839	-1.78304	0.0976995	0.430819	-2.32116	0.831746	0.946643	-1.05636	0.432574	0.813501	-1.22925	0.262914	0.740219	-1.35095	0.704107	0.906344	-1.10333	0.139801	0.664008	-1.50601	1.95664	2.05826	0.935055	1
cg14496660	TMPPS5D	0.178656	0.217974	3.27668	3.27668	0.0215102	1.47113	1.47113	0.0369353	9.20851	9.20851	0.214831	3.30629	3.30629	0.274462	2.85323	2.85323	0.104254	5.08612	5.08612	0.483999	1.91819	1.91819	0.653307	1.50906	1.50906	0.5370937	0.919876	-1.68954	1.9566	25.9015	11.8076	1
cg15731095	KCNAB2;KCNAB2	0.178657	0.54417	0.507651	-1.96986	0.0494088	0.86762	0.86762	0.857905	1.21887	1.21887	0.819883	1.28643	1.28643	0.0670552	0.103634	-9.64935	0.785724	0.740113	-1.35114	0.0353761	0.0890163	-11.2339	0.677029	1.58819	1.58819	0.236405	0.254072	-3.93589	1.9566	37.7946	17.1702	1
cg20449619	SOX7	0.178659	0.20539	0.641943	-1.55777	0.480217	0.788132	-1.26882	0.069851	0.510396	-1.95926	0.807791	1.08422	1.08422	0.667804	0.505675	-1.97755	0.260026	0.677195	-1.47668	0.152084	0.576481	-1.73466	0.212502	0.640514	-1.56265	0.0231504	0.406239	-2.46161	1.95658	3.41094	1.54962	1
cg21948591	MAPK6	0.178661	0.56531	1.43008	1.43008	0.0327202	1.45789	1.45789	0.0589586	1.1796	1.1796	2.44671	2.10158	2.10158	2.127941	1.2058	1.20506	0.629066	1.07621	1.07621	0.261889	0.838178	-1.19306	0.300886	0.850416	-1.1759	0.512556	1.10541	1.95672	0.705549	0.320613	1
cg06156633	RPTOR;RPTOR	0.178662	0.503882	1.25544	1.25544	0.0540741	2.14833	2.14833	0.821437	0.927314	-1.07838	0.827454	1.07559	1.07559	0.0336094	0.415689	-2.40564	0.224841	0.648572	-1.54185	0.602497	0.838733	-1.19227	0.336948	1.39647	1.39647	0.837864	1.07078	1.07078	1.2722	3.64678	1.11923	1
cg21149548	UXS1	0.178668	0.197582	1.33452	1.33452	0.0698353	0.985121	-1.0151	0.995361	1.18845	1.18845	0.693208	1.08223	1.08223	0.812236	0.94858	-1.04858	0.639466	0.910249	-1.0986	0.0101938	0.532894	-1.90878	0.343787	1.30229	1.30229	0.630133	1.10154	1.10154	1.95654	1.21097	0.559252	1
cg21445648	CLEC12B;CLEC12B	0.178668	0.0554495	0.537357	-1.79832	0.782448	1.14013	1.14013	0.983461	1.00964	1.00964	0.211442	0.539332	-1.85591	0.0288483	0.294923	-3.39072	0.102014	0.428294	-2.33484	0.0853672	0.406143	-2.46219	0.220508	0.554203	-1.80493	0.420457	0.677089	-1.47691	1.95653	6.95556	3.16004	1
cg02321381	OXA1L	0.178674	7	7	7	0.451854	0.723109	-1.38292	0.114311	2.13717	2.13717	7	7	7	0.977001	1.01212	1.01212	0.298832	1.58518	1.58518	0.0581639	2.64501	2.64501	0.510118	1.32547	1.32547	0.13597	0.493696	-2.02554	2.37804	4.69303	1.40963	1
cg07239134	DPHKH3P	0.178676	0.0544442	5.49796	5.49796	0.540988	1.60917	1.60972	0.281622	2.39637	2.39637	0.278705	2.140116	2.140116	0.0139243	1.39126	1.39126	0.215664	2.7671	2.7671	0.370809	2.04978	2.04978	0.0152636	1.32549	1.32549	0.0723311	4.78904	4.78904	1.95649	18.9025	8.58794	1
cg16603964	REV3L	0.178679	0.138863	1.83932	1.83932	0.226611	0.612473	-1.63273	0.0501127	0.425534	-2.34999	0.232546	1.61426	1.61426	0.0241264	1.61589	1.61589	0.358914	1.49454	1.43454	0.225552	1.62716	1.62716	0.578519	0.806812	-1.23945	0.928137	0.966083	-1.03511	1.95648	4.53383	2.05986	1
cg19026124	FERMT1	0.178683	0.0907561	0.628634	-1.59053	0.326057	0.645552	-1.55018	0.454352	0.813878	0.453288	0.2205	1.14476	1.14476	0.0541253	1.088237	-1.36852	0.0744202	0.484233	0.534794	0.134903	0.830915	0.0855133	0.231879	-4.31259	0.0296238	0.434833	-2.29973	0.195645	1.95639	18.3201	8.32355	1
cg18337139	GPSM3;NOTCH4	0.178685	0.0108914	0.765401	-1.3065	0.123596	0.869795	-1.1497	0.81038	0.980096	-1.02031	0.450424	0.937706	-1.06643	0.599301	0.956626	-1.04534	0.297995	0.913718	-1.09443	0.125654	0.870563	-1.14868	0.939696	0.9939692	-1.00635	0.367117	1.08057	1.08057	1.95644	0.216759	0.0984823	1
cg05045001	PSMC3IP;PSMC3IP	0.178688	0.920467	0.983731	-1.01654	0.916769	1.15662	1.15662	0.0845001	1.36486	1.36486	0.186077	0.794339	-1.25891	0.95918	0.991167	-1.00891	0.111591	0.752308	-1.32924	0.259181	0.842964	-1.18652	0.302663	0.837439	-1.19412	0.383401	0.769702	-1.2992	1.95624	2.65705	1.20733	1
cg16709153	TPCN2	0.178688	0.0438631	1.45008	1.45008	0.0324877	0.911994	-1.09659	0.515469	0.765915	1.34063	0.0906884	0.160156	2.48115	0.0779994	0.764405	-1.30842	0.0956417	-1.30992	0.335043	0.138197	0.858087	-1.16509	0.247475	0.243594	-4.1052	0.16642	0.26188	-3.81978	1.95623	13.4571	6.88535	1
cg22502459	TRAPPC9;TRAPPC9	0.178688	0.536029	1.09038	1.09038	0.0468942	1.36901	1.36901	0.381825	1.13183	1.13183	0.902169	1.01712	1.01712	0.208474	1.20091	1.20091	0.154186	1.23442	1.23442	0.0124496	1.53631	1.53631	0.269186	1.1722	1.1722	0.177659	2.12871	2.12871	1.95642	0.5906577	0.26837	1
cg06621361	PPIL2;PPIL2;PPIL2	0.178691	0.263845	1.21653	1.21653	0.0788313	0.97335	-1.02735	0.915196	1.05496	1.05496	0.859355	1.08426	1.08426	0.625196	0.931223	-1.07359	0.088444	0.724702	-1.37988	0.0153955	0.788662	-1.26801	0.0810112	1.11744	1.11744	0.0926431	1.21344	1.21344	1.95637	0.6409003	0.2857	1
cg01395690	SIGLEC16	0.178693	0.0897157	1.34437	-2.90379	0.19531	0.458159	-2.18265	0.0416933	0.262379	-3.81128	2.46209	1.99625	1.99625	0.112047	0.373045	2.68064	0.181117	0.445261	-2.24587	0.289266	0.534272	-1.87171	0.307339	0.54761	-1.82612	0.177599	0.441798	2.26348	1.9564	10.0621	4.57172	1
cg12421458	HDGF;HDGF;HDGF MTHFSD;MTHFSD;MTHFSD;MTHFSD;M	0.178695	0.999123	1.00015	1.00015	0.114106	0.784954	-1.27396	0.637292	0.935285	-1.06939	0.849865	0.973658	-1.02706	0.216305	1.20117	1.20117	0.78351	0.961945	-1.03956	0.00941606	0.628959	-1.58993	0.622974	0.932573	-1.0723	0.362542	0.876484	-1.14092	1.95638	0.6149005	0.279384	1
cg06599274	THFSD;MTHFSD;MTHFSD;FLJ30679	0.1787	0.75727	0.961439	-1.04011	0.325158	0.879085	-1.13755	0.0191305	0.609792	-1.43285	0.67941	1.05413	1.05413	0.0148144	0.782702	-1.27763	0.695192	1.05122	1.05122	0.62002	0.938569	-1.06545	0.815694	1.03006	1.03006	0.159127	1.23031	1.23031	1.95636	0.49852	0.226507	1
cg06014332	BBS1	0.178704	0.561174	1.08557	1.08557	0.0477	1.22729	1.22729	0.1705	0.856488	1.16975	0.0178452	0.683543	1.46375	0.0178452	0.683543	-1.46308	1.08087	1.08087	1.08087	0.0178452	0.683543	-1.46308	0.0178452	0.683543	-1.46308	0.0178452	0.683543	-1.46308	1.95636	0.4444444	0.0178452	0.683543	-1.46308	1
cg20558091	AATK	0.178712	0.420008	0.606875	-1.64778	0.55635	0.69721	-1.43429	0.318178	1.86903	1.86903	0.475686	0.644252	-1.55219	0.0115686	0.147496	-6.77983	0.096553	0.330895	-3.0221	0.883761	1.09273	1.09273	0.612106	1.36338	1.36338	0.338264	0.5497	-1.81918	1.95629	11.3849	5.17303	1
ch.5.28431133R	SLC36A2	0.178716	0.144902	0.390181	-2.56292	0.0589883	0.277529	-3.60323	0.0163306	0.171207	-5.8409	0.325942	0.543519	-1.83986	0.846183	0.889809	-1.12384	0.365845	0.57207	-1.74804	0.105717	0.345654	-2.89306	0.182212	0.372137	-2.68718	0.833624	0.881224	-1.13479	1.95627	11.1958	5.08713	1
cg09084196	LOC651250	0.178717	0.0099657	0.438634	-4.56053	0.326057	0.645552	-1.55018	0.454352	0.813878	0.453288	0.2205	2.76468	2.76468	0.549129	0.908383	-1.10114	0.0744202	0.484233	0.534794	0.134903	0.830915	0.0855133	0.231879	-4.31259	0.0296238	0.434833	-2.29973	0.195645	1.95626	18.3201	8.32355	1
cg09636131	POU3F4;POU3F4	0.178721	0.213739	0.463509	-2.15745	0.768843	1.18897	1.18897	0.677947	1.27797	1.27797	0.046831	1.80591	1.80591	0.0764692	3.18185	3.18185	0.129988	0.382651	-2.61334	0.674653	0.78039	-1.28141	0.425817	0.620256	-1.61224	0.508346	1.48304	1.95624	10.6877	4.85634	1
cg24134071	PQLC3	0.178724	0.7108824	1.14025	1.14025	0.2438	0.97387	-1.02678	0.7878	1.2704	1.2704	0.422063	0.788406	1.2704	0.422063	0.788406	-1.26828	0.810272	-1.256	-1.256	0.0482976	0.788406	-1.26828	0.422063	0.788406	-1.26828	0.422063	0.788406	-1.26828	1.95624	0.4219409	0.2109704	0.788406	-1.26828	1
cg07987843	TSPAN9;TSPAN9	0.178723	0.691399	0.897234	-1.12394	0.731075	0.903901	-1.10632	0.275555	1.394	1.394	0.284466	1.38487	1.38487	0.199806	0.672562	-1.48685	0.89726	0.962875	-1.03856	0.010708	0.390888	-2.55828	0.549362	0.837439	-1.19412	0.383401	0.769702	-1.2992	1.95624	2.65705	1.20733	1
cg26311944	TSC22D1;TSC22D1	0.178723	0.145058	0.699373	-1.42985	0.27692	1.29483	1.29483	0.183024	1.38103	1.38103	0.281666	0.774417	-1.29129	0.483355	0.849794	-1.17676	0.895645	0.970461	-1.03044	0.0277837	0.551981	-1.81166	0.332837	1.25641	1.25641	0.777268	0.937254	-1.06695	1.95623	1.16749	0.734969	1
cg06239294	ZNF48	0.178725	0.60475	0.909302	-1.09991	0.623401	1.13719	1.13719	0.0712459	1.15496	1.15496	0.859355	1.08426	1.08426	0.625196	0.931223	-1.07359	0.356039	1.13789	1.13789	0.0792277	0.697815	-1.43304	0.396358	1.17142	1.17142	0.924631	1.01739	1.01739	1.95623	0.8810112	0.4467159	1
cg01935690	SIGLEC16	0.178693	0.0897157	1.34437	-2.90379	0.19531	0.458159	-2.18265	0.0416933	0.262379	-3.81128	2.46209	1.99625	1.99625	0.112047	0.373045	2.68064	0.181117	0.445261	-2.24587	0.289266	0.534272	-1.87171	0.307339	0.54761	-1.82612	0.177599	0.441798	2.26348	1.9564	10.0621	4.57172	1
cg12421458	HDGF;HDGF;HDGF MTHFSD;MTHFSD;MTHFSD;MTHFSD;M	0.178695	0.999123	1.00015	1.00015	0.114106	0.784954	-1.27396	0.637292	0.935285	-1.06939	0.849865	0.973658	-1.02706	0.216305	1.20117	1.20117	0.78351	0.961945	-1.03956	0.00941606	0.628959	-1.58993	0.622974	0.932573	-1.0723	0.362542	0.876484	-1.14092	1.95638	0.6149005	0.279384	1
cg06599274	THFSD;MTHFSD;MTHFSD;FLJ30679	0.1787	0.75727	0.961439	-1.04011	0.325158	0.879085	-1.13755	0.0191305	0.609792	-1.43285	0.67941	1.05413	1.05413	0.0148144	0.782702	-1.27763	0.695192	1.05122	1.05122	0.62002	0.938569	-1.06545	0.815694	1.03006	1.03006	0.159127	1.23031	1.23031	1.95636	0.49852	0.226507	1
cg06014332	BBS1	0.178704	0.561174	1.08557	1.08557	0.0477	1.22729	1.22729	0.1705	0.856488	1.16975	0.0178452	0.683543	1.46375	0.0178452	0.683543	-1.46308	1.08087	1.08087	1.08087	0.0178452	0.683543	-1.46308	0.0178452	0.683543	-1.46308	0.0178452	0.683543	-1.46308	1.95636	0.4444444	0.0178452	0.683543	-1.46308	1
cg20558091	AATK	0.178712	0.420008	0.606875	-1.64778	0.55635	0.69721	-1.43429	0.318178	1.86903	1.86903	0.475686	0.644252	-1.55219	0.0115686	0.147496	-6.77983	0.096553	0.330895	-3.0221	0.883761	1.09273	1.09273	0.612106	1.36338	1.36338	0.338264	0.5497	-1.81918	1.95629	11.3849	5.17303	1
ch.5.28431133R	SLC36A2	0.178716	0.144902	0.390181	-2.56292	0.0589883	0.277529	-3.60323	0.0163306	0.171207	-5.8409	0.325942	0.543519	-1.83986	0.846183	0.889809	-1.12384	0.365845	0.57207	-1.74804	0.105717	0.345654	-2.89306	0.182212	0.372137	-2.68718	0.833624	0.881224	-1.13479	1.95627	11.1958	5.08713	1
cg09084196	LOC651250	0.178717	0.0099657	0.438634	-4.56053	0.326057	0.645552	-1.55018	0.454352	0.813878	0.453288	0.2205	2.76468	2.76468	0.549129	0.908383	-1.10114	0.0744202	0.484233	0.534794	0.134903	0.830915	0.0855133	0.231879	-4.31259	0.0296238	0.434833	-2.29973	0.195645	1.95626	18.3201	8.32355	1
cg09636131	POU3F4;POU3F4	0.178721	0.213739	0.463509	-2.15745	0.768843	1.18897	1.18897	0.677947	1.27797	1.27797	0.046831	1.80591	1.80591	0.0764692	3.18185	3.18185	0.129988	0.382651	-2.61334	0.674653	0.78039	-1.28141	0.425817	0.620256	-1.61224	0.508346	1.48304	1.95624	10.6877	4.85634	1
cg24134071	PQLC3	0.178724	0.7108824	1.14025	1.14025	0.2438	0.97387	-1.02678	0.7878	1.2704	1.2704	0.422063	0.788406	1.2704	0.422063	0.788406	-1.26828	0.810272	-1.256	-1.256	0.0482976	0.788406	-1.26828	0.422063	0.788406	-1.26828	0.422063	0.788406	-1.26828	1.95624	0.4219409	0.2109704	0.788406	-1.26828	1
cg07987843	TSPAN9;TSPAN9	0.178723	0.691399	0.897234	-1.12394	0.731075	0.903901	-1.10632	0.275555	1.394	1.394	0.284466	1.38487	1.38487	0.199806	0.672562	-1.48685	0.89726	0.962875	-1.03856	0.010708	0.390888	-2.55828	0.549362	0.837439	-1.19412	0.383401	0.769702	-1.2992	1.95624	2.65705	1.20733	1
cg26311944	TSC22D1;TSC22D1	0.178723	0.145058	0.699373	-1.42985	0.27692	1.29483	1.29483	0.183024	1.38103	1.38103	0.281666	0.774417	-1.29129	0.483355	0.849794	-1.17676	0.895645	0.970461	-1.03044	0.0277837	0.551981	-1.81166	0.332837	1.25641	1.25641	0.777268	0.937254	-1.06695	1.95623	1.16749	0.734969	1
cg06239294	ZNF48	0.178725	0.60475	0.909302	-1.09991	0.623401	1.13719	1.13719	0.0712459	1.15496	1.15496	0.859355	1.08426	1.08426	0.625196	0.931223	-1.07359	0.356039	1.13789	1.13789	0.0792277	0.697815	-1.43304	0.396358	1.17142	1.17142	0.924631	1.01739	1.01739	1.95623	0.8810112	0.4467159	1
cg25021598	KIF20A	0.178729	0.56809	0.846582	-1.18122	0.859117	0.950009	-1.05262	0.0340267	0.845859	-1.24252	0.418536	1.26947	1.26947	0.0883752	0.581042	-1.72104	0.550729	0.840087	-1.19035	0.0400954	0.504232	-1.98321	0.720818	0.901604	-1.10913	0.118247	0.612889	-1.63162	1.9562	2.58132	1.17294	1
cg13548718	ZNF432	0.178731	0.647935	1.25581	1.25581	0.151112	1.54254	1.62354	0.0822604	1.42193	1.42193	0.0884389	1.82554	1.82554	0.0148695	2.62823	-2.62823	0.241962	1.4082	1.4082	0.216091	1.64154	-1.55068	0.617879	0.853474	-1.17168	0.640485	1.6489	1.6489	1.95619	0.5779718	0.2954	1
cg21680717	AKAP8;AKAP8L	0.178733	0.213602	0.847021	-1.18061	0.926638	0.988392	-1.01174	0.734372	1.04412	1.04412	0.34422	0.881383	-1.13458	0.991138	0.998593	1.00141	0.765265	0.962751	-1.03869	0.0100799	0.662559	-1.5093	0.857419	0.977459	-1.02306	0.149294	1.21657	1.21657	1.95618	0.497945	0.226267	1
cg09019002	ARMC10;ARMC10;FBXL13;FBXL13;ARM C10;FBXL13;ARMC10;ARMC10	0.178733	0.87889	0.973018	-1.02773	0.744805	1.06034	1.06034	0.964098	0.991958	-1.00811	0.420588	1.15905	1.15905	0.918159	1.01861	1.01861	0.536522	1.11882	1.11882	0.00517582	0.515762	-1.93888	0.600559	0.909582	-1.09941	0.803636	1.0457	1.0457	1.95617	0.996923	0.453003	1
cg01095658	RAD54L2	0.178735	0.569608	0.746482	-1.33956	0.574294	1.01819	1.01819	0.0111326	1.413152	1.413152	0.607876	0.923831	-1.08362	0.711172	1.059431	-1.44041	0.0998603	0.755935	-1.32288	0.0466121	0.502168	-1.43416	0.0648005	0.990913	-1.07421	0.82564	1.09483	1.03483	1.95667	0.7461844	0.338981	1
cg27387155	TXNDC12	0.178736	0.215463	0.589602	-1.69606	0.481237	0.74819	-1.33656	0.504102	0.759795	-1.31614	0.779387	1.12052	1.12052	0.0237854	0.335097	2.98421	0.354772	0.679935	-1.47073	0.0272722	0.346947	-2.88228	0.910538	1.0466	1.0466	0.111478	0.495358	-2.01874	1.95616	5.08717	2.31163	1
cg08184398	MIR338;SREBF1;SREBF1	0.178739	0.681571	0.663736	-1.55662	0.0128133	2.51264	2.51264	0.0591586	8.30321	8.30321	0.391096	2.39403	2.39403	0.0221374	2.56041	-2.56041	0.907484	-1.10295	0.907484	-1.10295	0.907484	-1.10295	0.907484	-1.10295	0.907484	-1.10295	0.907484	-1.10295	1.95616	0.5400997	1.34649	0.907484	-1.10295	1
cg18342050	MIER2	0.178741	0.744713	0.845572	-1.18268	0.57	0.973022	-1.02773	0.744805	1.06034	1.06034	0.964098	0.991958	-1.00811	0.420588	1.15905	1.15905	0.536522	1.11882	1.11882	0.00517582	0.515762	-1.93888	0.600559	0.909582	-1.09941	0.803636	1.0457	1.0457	1.95617	0.996923	0.453003	1
cg24843443	DDX60L	0.178741	0.286589	2.8798	-3.47247	0.0222255	0.04581	-21.8293	0.0470299	0.075294	-12.8983	0.364206	0.350308	-2.85463	0.162318	0.186701	-5.35616	0.0502604	0.0812116	-12.3135	0.691822	0.628183	-1.56548	0.174584	0.197013	-5.07579	0.573136	0.527047	-1.89736	1.95613	39.2062	17.8158	1
cg23040105	RGL1	0.178742	0.989222	1.00444	1.00444	0.0172144	0.58348	-1.71383	0.0238703	0.401455	-2.49149	0.201112	1.46002	1.46002	0.0608344	0.683892	-1.46215	0.379955	1.16498	1.16498	0.130632	0.706956	-1.41451	0.813795	1.40692	1.40692	0.162749	0.672326	-1.48763	1.95611	0.5749331	0.2939	1
cg12335136	EFTUD1;FAM154B;EFTUD1 ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;AS PH;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg14495916	FNDC3B;FNDC3B	0.178882	0.561032	0.669374	0.51063	0.024824	0.153397	-6.51801	0.0145378	0.121074	-8.25941	0.702476	0.76388	-1.30011	0.775143	0.817915	2.12262	0.417145	-2.39725	0.507027	0.623497	-1.60386	0.880309	0.899653	-1.11154	0.672484	1.34771	1.9553	15.2523	6.93374	1
cg01778384	WASF3	0.178892	0.154941	0.795497	-1.25708	0.47576	1.11516	1.11516	0.583489	0.920144	-1.08679	0.545785	0.912206	-1.09624	0.971214	0.994591	1.00544	0.027492	1.47978	1.47978	0.0561708	1.38413	1.38413	0.65934	0.935497	-1.06895	0.898865	0.1093	1.0193	1.9553	0.6990588	0.318036	1
cg23259381	CASP3;CCDC115;CCDC111;CASP3	0.178896	0.0535613	1.50589	1.50589	0.427256	1.14611	1.14611	0.61444	0.90951	-1.09949	0.981308	0.995635	-1.00438	0.12191	0.71119	-1.36763	0.983939	0.996248	-1.00377	0.123761	0.732506	-1.36518	0.422817	1.16519	1.16519	0.100776	0.714877	-1.39884	1.95528	1.0798	0.490888	1
cg14576616	CYP51A1;CYP51A1	0.178899	0.3943911	0.510584	-1.95854	0.0755526	4.58919	4.58919	0.3317777	2.16245	2.16245	0.926601	1.07355	1.07355	0.774221	1.24798	1.24798	0.969665	1.02942	1.02942	?	?	0.0266735	0.13228	-7.55972	0.422092	1.88067	1.96779	16.4347	8.35186	1
cg08461586	CCNI;CCNLCCNJ	0.178905	0.749441	0.17344	1.07344	0.138183	1.4234	1.4234	0.749652	0.931643	-1.07337	0.0454315	1.6611	1.6611	0.0958045	1.49869	1.49869	0.267103	1.29137	1.29137	0.372484	0.816686	1.22466	1.22466	0.25277	1.30238	1.30238	0.0546218	1.6196	1.6196	0.19523	1.51471	0.68862	1
cg20500144	ARL6IP5	0.178906	0.508291	0.884697	-1.13033	0.158181	1.41573	1.41573	0.974218	1.00747	1.00747	0.586998	0.88128	-1.13471	0.360626	0.805288	1.24179	0.653301	0.901645	-1.10908	0.0105213	0.476281	-2.0996	0.680507	0.909003	-1.10011	0.313552	1.27148	1.27148	0.95522	1.64419	0.747485	1
cg11653271	SNRNP25;POLR3K	0.178911	0.825791	1.03353	1.03353	0.0730176	1.34877	1.34877	0.35462	1.15315	1.15315	0.32461	1.1644	1.1644	0.125443	1.28165	1.28165	0.65978	0.935862	-1.06853	0.480084	0.898154	-1.1134	0.0166304	1.54805	1.54805	0.334424	1.16063	1.16063	0.955919	0.69332	0.315204	1
cg04508461	THBS2	0.178912	0.149752	0.390992	-2.5576	0.0747247	0.16118	-2.4625	0.0710516	0.2693394	-3.40838	0.926043	1.05808	1.05808	0.219768	0.847556	-2.21864	0.104931	0.340453	-2.93725	0.244171	0.470588	-2.09605	0.0623819	0.95466	-1.05664	0.701784	0.7914	-1.26358	1.95519	11.45	5.20352	1
cg24122218	MXD1	0.178917	0.492292	0.840822	-1.17796	0.723041	1.08716	1.08716	0.863468	0.961794	-1.03972	0.0525145	0.97099	0.97099	0.727376	1.03126	1.03126	0.729776	1.27112	1.27112	?	?	0.0211085	0.0410806	0.574894	-1.73945	0.592745	0.880913	-1.13519	1.95516	1.70793	0.77649	1
cg13734137	RGS1;RGS3;RGS3	0.178921	0.484831	1.18811	1.18811	0.183113	1.41164	1.41164	0.0857126	0.630542	-1.58594	0.544962	1.16039	1.16039	0.0280335	0.532519	-1.87787	0.657212	1.11627	1.11627	0.588323	1.1419	1.1419	0.362296	1.25528	1.25528	0.609482	0.882414	-1.13326	1.95514	1.82564	0.8300012	1
cg23406699	ABCA1;NT4	0.178922	0.1188897	0.324249	-3.08211	0.0797972	-2.2512	0.988082	0.889899	-1.0102	0.2922607	0.6414645	1.05893	1.05893	0.0574489	0.944253	-1.05893	0.624594	1.60207	0.0630048	0.604785	-2.08573	0.0230742	0.48325	-2.06956	0.120145	0.503793	0.984694	1.95514	5.12454	2.32801	1
cg14866740	CDC40;WASF1;WASF1;CDC40;WASF1;	0.178925	0.487545	1.13266	1.13266	0.38092	1.17202	1.17202	0.806766	1.04423	1.04423	0.448168	0.872388	-1.14628	0.910981	1.04129	1.04129	0.0437866	0.664119	-1.50576	0.79538	1.04699	1.04699	0.0619538	0.68989	-1.44951	0.108113	1.36289	1.36289	0.955912	0.965864	0.439127	1
cg18135376	OLFML2B	0.178925	0.552245	0.809697	-1.23503	0.838306	0.930784	-1.07436	0.556849	0.811721	-1.23195	0.48129	0.7778	-1.28568	0.0114952	0.32961	-3.03389	0.0650114	0.483193	-2.06957	0.0627704	0.479504	-2.08549	0.977793	0.990276	-1.00982	0.93344	0.971103	-1.02976	1.95512	3.81591	1.73489	1
cg09146263	ZBTBB8	0.178929	0.860183	1.03217	1.03217	0.130114	1.34123	1.34123	0.0932486	1.8091	1.8091	0.769656	1.05414	1.05414	0.511811	1.12691	1.12691	0.0987126	1.38418	1.38418	0.818397	0.959543	-1.04216	0.661838	1.00863	1.00863	0.604396	0.910417	-1.0984	1.9551	0.998425	0.453936	1
cg08003402	SH3BP5;SH3BP5	0.178931	0.512282	1.80853	1.80853	0.0415107	1.08882	1.08882	0.360868	1.30525	1.30525	0.849648	1.18387	1.18387	0.184838	1.49345	1.49345	0.0627883	0.635937	-1.57257	0.150482	0.261598	-3.82266	0.155887	4.17584	4.17584	0.323062	2.47886	2.47886	0.95008	2.44	0.993	1
cg05104993	FAM66D	0.178936	0.0381477	2.44073	2.44073	0.716557	1.14498	1.14498	0.157956	1.75161	1.75161	0.83443	1.08087	1.08087	0.855594	1.06998	1.06998	0.451089	1.3299	1.3299	0.965748	0.984182	-1.01607	0.0165498	2.96533	2.96533	0.106934	1.92223	1.92223	0.95506	4.26895	1.94092	1
cg16032894	MPPED2	0.178936	0.811375	0.915624	-1.0921	0.840401	1.0074	1.0074	0.110387	1.89867	1.89867	0.321909	1.45806	1.45806	0.36231	0.710282	-1.40789	0.0352849	0.405158	-2.46818	0.796305	0.909075	-1.10002	0.441911	0.97963	-1.0211	0.922388	1.93229	1.93229	0.95506	4.20508	1.91188	1
cg26934799	INS16	0.178937	0.0603479	1.86185	1.86185	0.0135109	1.85389	1.85389	0.688466	1.19736	1.19736	0.512517	1.33631	1.33631	0.0194364	1.330019	-1.30313	0.557984	1.30431	1.30431	0.0167283	2.96887	2.96887	0.950566	1.53856	1.53856	0.816029	1.10116	1.10116	0.95506	6.26218	2.8308	1
cg09641689	IRX5	0.178938	0.882495	1.04235	1.04235	0.911854	1.03155	1.03155	0.0799263	1.72457	1.72457	0.440895	1.24661	1.24661	0.647468	0.878858	-1.13784	0.13313	0.634807	-1.57528	0.048861	0.532121	-1.87927	0.738075	0.910165	-1.0987	0.145676	1.54984	1.54984	1.95505	2.43572	1.10744	1
cg14189113	NAPA MECOM;MECOM;MECOM;MECOM;M	0.178943	0.0466475	0.221755	-4.50947	0.0231074	0.251662	-3.96307	0.0819824	0.78619	-1.27219	0.0154448	0.538536	-2.87084	0.0378424	0.592002	-1.68862	0.80742	0.850967	-1.17523	0.159241	0.368977	-2.7036	0.452179	1.65928	1.65928	0.4462	1.6709	1.6709	1.95502	13.1342	6.15359	1
cg06626126	ECOM;MECOM;MECOM	0.178943	0.823351	0.936309	-1.06802	0.091793	0.562065	-1.77915	0.830109	0.935485	-1.06896	0.318547	0.726175	-1.37708	0.686908	0.881827	-1.13401	0.535754	0.823138	-1.21486	0.0429328	0.48526	-2.06075	0.881028	1.82255	1.82255	0.177298	1.42004	1.42004	1.95502	2.98271	1.35615	1
cg20543092	CSRNP1	0.178945	0.324355	0.847014	-1.18062	0.530769	0.901599	-1.10914	0.840365	1.03345	1.03345	0.881652	1.0246	1.0246	0.0182301	0.626538	-1.59607	0.0913131	1.3544	1.3544	0.153328	0.779244	-1.28329	0.481756	0.8899	-1.12372	0.589644	0.915002	-1.09289	1.95501	0.824013	0.374656	1
cg13264018	SEC61A1	0.178946	0.898134	1.03429	1.03429	0.789383	1.07301	1.07301	0.464721	0.822128	-1.21636	0.604175	1.14759	1.14759	0.251231	0.712859	-1.4028	0.33146	0.945444	-1.0577	0.051752	1.79085	1.79085	0.828481	1.9741	1.9741	0.181119	1.45314	1.45314	1.955	2.14531	0.975415	1
cg05360983	SPIB;ZBTB32;SPIB;LSM7	0.178947	0.0500519	1.40203	1.40203	0.784915	1.04232	1.04232	0.0866958	1.26126	1.26126	0.466423	1.00656	1.00656	0.0923374	0.733666	-1.36294	0.0627983	0.635357	-1.57391	0.0433107	0.455903	2.19511	0.0455252	0.94314	-1.06044	0.0311992	1.46681	1.46681	0.95506	0.710845	0.323204	1
cg24922045	GAS2L2	0.178951	0.326869	0.648166	-1.54281	0.496394	1.34427	1.34427	0.619432	0.806958	-1.23922	0.405076	0.694244	-1.44042	0.0301676	0.335511	-2.98052	0.565162	0.779508	-1.28286	0.0898417	0.448882	-2.22776	0.0250699	0.319272	-3.13213	0.814661	0.904298	-1.10583	1.95498	0.982158	0.582118	2.58357	1
cg15162784	CPZ;CD2;CD2	0.178953	0.2526321	0.60169	-1.6189	0.0872709	0.529938	1.46369	0.1334829	0.440319	-2.0312	0.7490931	0.25641	-2.94027	0.0139544	0.340255	-2.9382	0.0723453	0.426325	-2.34531	0.0139544	0.346157	2.88837	0.0607356	0.22522	-4.4016	0.0407439	0.715668	-1.40515	1.95496	5.59641	2.54459	1
cg11889770	WTIP	0.178954	0.479537	1.22225	1.12225	0.850143	1.03082	1.03082	0.620915	0.92312	-1.08328	0.381533	1.15401	1.15491	0.450179	0.883849	-1.13142	0.7397	0.947903	-1.05496	0.210301	0.809098	-1.23594	0.280873	1.19705	1.19705	0.0111201	1.66657	1.66657	1.95496	0.797259	0.362501	1
cg23335513	ZNF607	0.178957	0.269301	0.779683	-1.28257	0.888583	0.970131	-1.03079	0.0883781	1.50188	1.50188	0.0948178	0.672231	-1.48758	0.54908	0.87709	-1.14013	0.547161	0.876523	-1.14087	0.0272116	0.568115	-1.76021	0.722391	1.08022	1.08022	0.821395	1.05013	1.05013	1.95495	1.44896	0.658822	1
cg18330611	NPPC	0.178958	0.143434	0.785304	-1.27327	0.357565	1.40866	1.40866	0.15364	1.26792	1.26792	0.555566	1.01162	1.01162	0.960975	1.01257	1.01257	0.785736	1.04317	1.04317	0.0126496	0.42005	-2.38081	0.0136403	1.13604	1.13604	0.203634	1.23138	1.23138	1.95496	0.744886	0.338737	1
cg03591223	RBM23;RBM23;RBM23	0.178959	0.465972	0.903507	-1.1046	0.669166	0.05933	1.05933	0.955112	0.991879	-1.00819	0.117953	1.25562	1.25562	0.0256043	0.742312	-1.42112	0.11098	1.26216	1.26216	0.12307	1.25107	0.618799	1.06957	1.06957	0.0876874	1.28757	1.28757	1.95493	0.556458	0.253107	1
cg24346605	NTNG1;NTNG1;NTNG1	0.178959	0.477736	1.37784	1.37784	0.0528866	1.07577	1.07577	0.587202	1.07247	1.07247	0.664863	0.9174	0.9174	0.0247727	-0.66861	0.0975411	0.0923932	1.13483	1.13483	0.266583	0.100054	-3.88036	0.0888286	0.25154	-3.97448	0.0127943	0.56435	0.56435	1.95493	0.72368	0.332911	1
cg08672677	MRPS23	0.178962	0.035234	0.793312	-1.26054	0.97808	0.99741	-1.0026	0.502163	1.06641	1.06641	0.407899	0.923192	-1.0832	0.0349415	1.26116	1.26116	0.344401	0.912155	-1.0963	0.407242	0.923083	-1.08333	0.727149	1.03362	1.03362	0.992561	1.00088	1.00088	1.95491	0.275953	0.125474	1
cg23889440	MAPK4	0.178963	0.996029	0.998705	-1.0013	0.372482	1.2692	1.2692	0.26101	1.1569	1.1569	0.457733	0.821287	-1.2176	0.334567	0.771743	-1.29577	0.267626	0.740332	-1.35074	0.015429	0.198251	1.98286	0.0835438	1.98286	1.98286	0.0835438	1.64654	1.64654	1.95491	2.09873	0.954284	1
cg07599979	DSCR6	0.178964	0.515229	1.08853	1.08853	0.402601	1.07945	1.07945	0.0554512	1.28804	1.28804	0.0527511	0.268002	-3.73132	0.184665	0.52163	-1.91732	0.0429564	0.342642	-2.91884	0.0173291	0.161671	-6.18539	0.0143441	0.20943	-4.77501	0.0146	0.41731	0.41731	1.95491	0.710845	0.323204	1
cg19016273	SDK1	0.178964	0.0434986	2.83629	2.83629	0.243519	1.72974	1.72974	0.521683	1.33862	1.33862	0.19225	1.85854	1.85854	0.658822	1.12084	1.12084	0.152511	1.99004	1.99004	0.0295787	1.51914	1.51914	0.0478244	2.7623	2.7623	0.182179	1.88859	1.88859	1.9549	6.24327	2.8388	1
cg02261346	MPPED1	0.178967	0.0799193	1.911912	-1.61839	0.0872709	1.82366	1.82366	0.0197586	1.66634	1.66634	0.162076	1.49021	1.49021	0.0454155	1.24617	1.24617	0.0713706	0.685836	-1.45802	0.0944245	0.0203964	4.90093	0.0012567	0.68454	-1.46077	0.0555751	1.41837	1.41837	1.95489	0.605	0.484276	1
cg15447059	RGL2;RGL2	0.17897	0.0611961	0.231697	-4.31598	0.0233864	0.152939	-6.53854	0.364828	0.527089	-1.89721	0.441917	0.580732	-1.72196	0.513257	0.63727	-1.56919	0.171711	0.364735	-2.74172	0.0417711	0.19657	-5.08725	0.557073	0.662543	-1.50934	0.107192	0.295542	-3.38361	1.95487	14.8774	6.7648	1
cg02696274	ANKRD46	0.178974	0.100742	0.777329	-1.28646	0.398627	1.12873	1.12873	0.395246	0.885147	-1.12976	0.0103043	0.635747	-1.57295	0.320742	0.866101	-1.1546	0.2073	0.859502	-1.16346	0.957489	0.992559	-1.0075	0.21886	0.834268	-1.19866	0.756077	0.957278	-1.04463	1.95485	0.607872	0.276405	1
cg20671068	ZNF74;ZNF74;ZNF74	0.178976	0.883102	1.03168	1.03168	0.0316	1.37566	1.37566	0.0973528	1.56628	1.56628	0.0108822	0.70075	-1.42683	0.215957	0.463228	-2.15956	0.464817	0.920129	-1.0868	0.0313704	0.752547	-1.32882	0.346179	1.11523	1.11523	0.107309	0.820608	-1.21847	1.95484	0.391261	0.177911	1
cg21976603	DIDO1	0.178982	0.386643	1.13956	1.13956	0.958179	0.99231	-1.00775	0.606145	0.929246	-1.07957	0.207861	1.18384	1.18384	0.042877	1.13431	1.13431	0.670754	1.04697	1.04697	0.0840992	1.73454	1.73454	0.943712	0.989659	-1.01045	0.756978	1.04676	1.04676	1.95481	0.670949	0.305094	1
cg13435326	PIK3CA	0.178983	0.637083	0.891509	0.943	0.707581	1.16831	1.16831	0.127372	1.21292	1.21292	0.18439	1.14246	1.14246	0.0222842	1.328809	1.328809	0.0572679	0.812355	1.23156	1.23156	0.428828	0.737101	1.35648	0.0231573	1.35648	0.401179	2.49265	0.602328	1.95481	0.905983	0.437403	0.215204	1
cg03686228	NCR3;NCR3;NCR3	0.178983	0.783074	0.963882	-1.03747	0.0238183	0.698003	-1.43266	0.0962446	0.783912	-1.27565	0.843256	0.973957	-1.02674	0.545604	0.921706	-1.08494	0.826037	1.02978	1.02978	0.0708403	0.764109	-1.30871	0.928448	0.9881	-1.01204	0.0521977	0.745007	-1.34227	1.9548	0.550072	0.250129	1
cg22371743	MAT1A1 KIAA1429;KIAA1429;KIAA1429;KIAA1429	0.178983	0.108072	1.39671	1.39671	0.31003	0.818577	-1.22163	0.0299726	0.614716	-1.62677	0.323968	0.820141	-1.2193	0.0971714	0.706861	-1.41471	0.431711	0.858193	-1.16524	0.222359	0.783445	-1.27641	0.506921	0.879577	-1.13691	0.883456	1.02835	1.02835	1.9548	1.12437	0.511273	1
cg07158312	9	0.178987	0.900139	0.97305	-1.0277	0.31435	1.25411	1.25411	0.403586	0.830277	-1.20442	0.599536	1.12221	1.12221	0.283485	0.784672	-1.27442	0.372246	0.819261	-1.22061	0.0107864	0.498085	-2.00769	0.31723	1.25231	1.25231	0.881754	1.03292	1.03292	1.95478	1.46612	0.666681	1
cg02523200	FAIM2	0.178989	0.481972	1.19731	1.19731	0.0373025	1.2652	1.2652	0.0187102	1.2442	1.2442	0.235749	1.36761	1.36761	0.04799	0.802115	-1.2468	0.963604	1.01174	1.01174	0.0855137	1.12329	1.12329	0.318052	1.29069	1.29069	0.053634	1.74	1.74	1.95476	1.96568	0.893853	1
cg02519017	SLC24A4RG	0.178991	0.0533868	0.360142	-2.77668	0.44037	0.69336	-1.44225	0.241647	0.565305	-1.76896	0.068365	0.386861	-2.58491	0.0789857	0.409431	2.47874	0.129176	0.466233	-2.14485	0.111129	0.447051	-2.23688	0.0485735	0.350442	-2.85354	0.159881	0.49713	-2.01155	1.95476	6.7056	3.04924	1
cg10935614	UBE2Q1	0.178991	0.2108644	0.545824	-1.83185	0.159935	2.01557	2.01557	0.250311	1.73606	1.73606	0.514981	0.788475	-1.38514	0.231497	0.561991	-1.77939	0.440357	1.4763	1.4763	0.121804	0.462951	-2.16005	0.197967	0.761	0.761	0.535365	-1.86788	0.178055	1.92923	1.92923	0.95475	6.07	2.9481	1
cg12497142	ALCAN;ALCAN	0.178996	0.573879	0.8545	-1.17445	0.0399425	1.9581	1.9581	0.0179722	1.08543	1.08543	0.776668	1.08381	1.08381	0.975537	0.99136	-1.00872	0.344796	1.01979	1.01979	0.0736925	1.75809	1.75809	0.520222	1.26256	1.26256	0.0516684	1.53701	1.53701	1.95475	1.85906	0.903475	1
cg04128065	TAF5L	0.178996	0.862511	1.12815	1.12815	0.604274	1.46223	1.46223	0.0784221	1.83962	1.83962	0.57636	0.675255	-1.48092	0.0216354	0.288142	-3.47228	0.829252	1.16212	1.16212	0.75769	0.806525	-1.23989	0.818195	1.17372	1.17372	0.679757	0.749103	-1.33477	1.95473	14.9821	6.81292	1
cg18785724	HEXIM1;HEXIM1	0.178996	0.770864	1.08496	1.08496	0.657261	1.45653	1.45653	0.18796	1.20566	1.20566	0.302374	0.804528	-1.24242	0.773224	1.00666	-1.00666	0.0409205	1.64278	1.64278	0.0156226	0.469529	0.88457	-1.13064	0.82739	1.04413	1.04413	0.331828	1.32341	1.32341	1.95473	0.710845	0.323204	1
cg09092174	DNAL4;DNAL4	0.178998	0.203957	0.843354	-1.18574	0.770725	1.03783	1.03783	0.108388	0.80047	-1.24927	0.125606	0.810075	-1.23445	0.0606124	0.76428	-1.30842	0.132819	0.813767	-1.22885	0.0230896	0.708056	-1.41232	0.460223	0.90888	-1.10025	0.749678	0.960139	-1.04152	1.95472	0.499808	0.227324	1
cg25401771	DST;DST;DST;DST;DST	0.179	0.425621	0.804332	-1.24327	0.0752396	0.3983	-2.51067	0.200882	0.70073	-1.42436	0.84028	1.05549	1.05549	0.793999	1.07255	1.07255	0.367391	0.780504	-1.28122	0.913267	1.10455	1.10455	1.32005	1.32005	0.179461	0.926642	-1.07917	0.95471	2.21758	1.00843	1
cg08092276	FLJ42289;FLJ42289	0.179002	0.624663	0.943984	-1.05934	0.245801	0.8677	-1.15247	0.767217	0.965891	-1.03531	0.657273	0.785506	-1.27306	0.6646381	0.784552	1.27461	0.424704	0.90902	-1.1	0.09494	0.809104	-1.23593	0.0760411	0.793896	-1.25961	0.223966	1.16108	1.16108	1.9547	0.42312	0.192411	1
cg21808287	TNP1	0.179003	0.0621025	2.211225	-4.73429	0.0348222	0.163874	-6.17763	0.207965	0.374262	-2.67193	0.381412	0.514496	-1.94365	0.0911474	0.252231	-3.96462	0.26435	0.42265	-2.36603	0.0542057	0.198414	-5.03996	0.0860194	0.245535	-4.07274	0.4685	0.579325	-1.72615	0.95469	16.9644	7.71449	1
cg15109426	CCDC117;CCDC117	0.179007	0.883146	1.03721	1.03721	0.0756	1.37581	1.37581	0.0256256	1.60708	1.60708	0.0089253	0.747652	-1.33744	0.0294505	0.736727	-1.35785	0.694005	1.04506	1.04506	0.0479727	0.52627	1.90211	0.0256754	0.98277	-1.0132	0.727485	0.964667	1.00995	1.00995	1.95469	1.0985	0.488358	1
cg02128150	CHD9	0.179007	0.223276	0.831336	-1.20288	0.356922	1.26128	1.26128	0.395007	1.134	1.134	0.243538	1.19261	1.19261	0.532822	1.09548	1.09548	0.982887	0.996909	-1.0031	0.911483	1.01618	1.01618	0.144931	0.797726	-1.25356	0.0303105	1.44424	1.44424	1.95467	0.64511	0.293365	1
cg16665598	LPHN1;LPHN1	0.179007	0.7767464	1.08103	1.08103	0.586774	1.25807	1.25807	0.183463	1.01482	1.01482	0.961264	0.991883	-1.00852	0.0812744	1.14931	1.01826464	0.991883	1.01394	1.01394	0.0821304	0.6992	1.43023	0.0139448	1.15297	1.15297	0.0139448	1.15297	1.15297	1.95467	0.905075	0.411268	1
cg13606970	PLEK;PLEK	0.179012	0.6683841	0.881637	-1.13425	0.253692	1.41689	1.41689	0.242104	0.699145	-1.43032	0.2199	0.685851	-1.45804	0.636492	0.870082	-1.14932	0.614221	1.16018	1.16018	0.0520704	1.90791	1.90791	0.166768	1.5387	1.5387	0.136755	0.625879	-1.59775	1.95464	1.64549	1.20306	1
cg23287005	EIF2C2;EIF2C2	0.179012	0.4997	1.74621	1.74621	0.122102	3.90913	3.90913	0.424135	1.94283	1.94283	0.0558511	0.82735	0.82735	0.0698634	0.192191	-5.20315	0.869501	1.14314	1.14314	0.421221	0.51247	-1.95134	0.170346	3.28069	3.28069	0.434188	1.9141	1.9141	1.95464	20.4926	9.31919	1
cg21755740	TNK1	0.179015	0.155015	0.377333	-2.64773	0.352708	1.16937	1.16937	0.73843	1.14339	1.14339	0.862243	0.972432	-1.03015	0.0812	0.70914	-1.41002	0.301955	0.602528	-1.66002	0.0509976	0.204328	4.89525	0.0259581	0.36827	-2.71498	0.0455923	0.440843	0.440843	1.95462	0.440843	0.192546	1
cg07385490	CLPTM1L	0.179019	0.294219	0.489079	-2.04466	0.105788	0.313012	-3.19477	0.205416	0.415502	-2.40673	0.560787	0.679316	-1.47207	0.0416548	0.213542	-4.68292	0.255307	0.458057	-2.18313	0.0236206	0.169198	-5.91022	0.568562	1.46061	1.46061	0.262932	0.464263	-2.15395	1.9546	13.3794	6.08452	1
cg20504154	CYP2U1	0.179019	0.881811	1.08996	1.08996	0.267385	1.57986	1.57986	0.138762	1.56867	1.56867	0.0167	1.49862	1.49862	0.407603	1.35976	1.35976	0.0648574	0.642002	-1.55724	0.0239566	0.423253	-2.36266	0.0889915	0.955222	-1.04688	0.608588	1.15089	1.15089	1.95453	0.4709	0.183637	1
cg20483374	C1QTNF5;MFRP	0.179023	0.247424	0.365535	-2.73572	0.0372731	0.133737	-7.47736	0.0625292	0.174746	-5.72249	0.162606	0.289227	-3.4575	0.0705942	0.186087	-5.37383

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg00571630	RASGRF2	0.179183	0.572826	1.17546	1.15746	1.853422	1.04874	1.04874	0.0224378	2.00608	2.00608	0.1606666	1.457033	1.457033	0.1982111	0.987851	1.01023	0.687357	1.10335	1.11035	0.0201991	1.03592	1.05596	0.375113	1.44926	1.44926	0.285869	1.13002	1.9537	2.04859	0.932061	1
cg02182875	ANKRD13D;ANKRD13D	0.179187	0.613721	0.867557	-1.15266	0.116319	0.621047	-1.61018	0.13458	1.56881	1.56881	0.310554	0.746115	-1.34028	0.329782	0.755237	1.32409	0.215628	1.43875	1.43875	0.134681	0.637512	-1.5686	0.0981982	0.602729	-1.65912	0.264475	0.722784	-1.38354	1.95368	2.41077	1.09686	1
cg03267026	RSK3	0.17919	0.936847	1.05499	1.05499	0.157309	2.77718	2.77738	0.196627	2.5147	2.5147	0.16629	0.368984	-2.75015	0.108483	0.30647	-3.26297	0.061191	0.24052	-4.15766	0.505477	1.57837	1.57837	0.789097	1.19852	1.19852	0.387214	0.54954	-1.8197	1.95366	14.1172	6.42313	1
cg09957391	PIP4K2C;PIP4K2C;PIP4K2C;PI4K2C	0.179192	0.199305	0.859141	-1.16395	0.919918	1.012401	1.012401	0.0583313	1.270561	1.270561	0.8604699	1.019889	1.019889	0.7511631	1.03626	1.03626	1.039626	0.952577	1.00668	1.00668	0.0385464	0.764674	-1.30774	0.116005	0.822942	-1.21075	0.691878	0.956387	-1.0456	1.95365	0.387775	0.176433	1
cg07359183	PLXNA2	0.179194	0.5758	1.24798	1.24798	0.283733	2.7567	2.7567	0.024476	2.85851	2.85851	0.408711	1.39255	1.39255	0.471729	1.33226	1.33226	0.206246	1.68617	1.68617	0.0509318	2.39021	2.39021	0.827194	1.08945	1.08945	0.573166	1.24993	1.24993	0.95364	4.75161	2.16194	1
cg21068480	ATOH8	0.179196	0.0962878	0.474085	-2.10933	0.144163	0.526632	-1.89886	0.405135	0.706009	-1.41641	0.214462	0.585565	-1.70691	0.0075807	0.245697	-4.07006	0.553873	0.782906	-1.27729	0.375241	0.689386	-1.45057	0.631839	0.82094	-1.21812	0.191496	0.568252	-1.75978	0.53663	5.16868	2.35172	1
cg01209886	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	4	0.259875	1.99833	1.99833	0.9616333	1.02874	1.02874	0.4975726	0.6665542	-1.50028	0.6623315	1.29544	1.29544	0.14211	0.3946911	-2.53363	0.317883	1.83703	1.83703	0.1111719	2.7742	2.7742	0.0211208	5.12128	5.12128	0.7826442	1.17692	1.17692	1.95363	10.7361	4.88485	1
cg04228123	PRMT1;PRMT1;PRMT1	0.179201	0.078572	0.746475	-1.33963	0.8882757	0.754668	-1.32509	0.328867	0.8600001	-1.16279	0.555137	0.91455	-1.09343	0.855118	0.973017	-1.02773	0.263673	0.841632	-1.18817	0.0428669	1.41736	1.41736	0.274216	0.957869	-1.04398	0.305007	0.853026	-1.1723	1.9536	0.69298	0.315306	1
cg26479533	SRRM3	0.179202	0.0236246	7.19898	7.19898	0.543363	1.57084	1.57084	0.189659	2.75872	2.75872	0.874758	0.891174	-1.12212	0.363004	0.505155	-1.97959	0.821201	0.847601	-1.1798	0.329196	0.479237	-2.08665	0.813105	0.841141	-1.18886	0.0671613	4.47546	4.47546	1.9536	16.508	7.51118	1
cg26741350	CCDC123;C19orf40	0.179204	0.975448	1.03093	1.03093	0.0412564	2.75564	2.75564	0.249527	1.98026	1.98026	0.1482376	1.483878	1.483878	0.493212	1.507376	1.507376	0.836705	1.05549	1.05549	0.6509462	0.587742	-1.70143	0.498992	0.843705	-1.01656	0.0315664	1.93441	1.93441	1.95359	2.11933	0.964004	1
cg17336584	PHACTR1	0.179205	0.275205	0.862275	-1.15972	0.960608	0.993574	-1.00647	0.529423	0.920201	-1.08672	0.785179	0.964964	-1.03631	0.367068	0.886079	-1.12857	0.676869	1.05623	1.05623	0.00284	0.636466	-1.57118	0.411207	1.11593	1.11593	0.484793	1.0971	1.0971	1.95358	0.527186	0.239872	1
cg05210886	EFCAB2;EFCAB2;EFCAB2;EFCAB2;EFCA B2;EFCAB2	0.179206	0.51487	0.923412	-1.08294	0.2030798	0.720493	-1.38794	0.0533717	1.30314	1.30314	0.227589	0.858285	-1.16511	0.532284	0.926519	-1.07931	0.28069	0.873465	-1.14487	0.624208	0.942168	-1.06138	0.543985	0.928578	-1.07692	0.823003	0.973332	-1.0274	1.95358	0.450394	0.204932	1
cg27225571	MRPL18;TCP1;TCP1	0.179207	0.0571883	0.306777	-3.2597	0.326654	0.573423	-1.74391	0.428548	0.641558	-1.55871	0.103974	0.654459	2.65493	0.080688	0.796359	-1.25572	?	?	?	0.20857	0.07102	?	?	?	0.4506147	0.655644	-1.52522	1.98121	7.36052	4.2450	1
cg04475772	ANP32E;ANP32E;ANP32E	0.179207	0.04045	0.740586	-1.33853	0.144614	0.123124	1.21324	0.329656	0.6601	1.06169	0.316855	0.880754	-1.13596	0.171569	0.8158879	-1.1064	0.731257	0.971099	-1.02976	0.584941	0.93429	-1.07033	0.85797	1.02251	1.02251	0.104863	1.24402	1.24402	1.95357	0.460613	0.213678	1
cg19596273	MAP3K8	0.179212	0.0838907	0.307751	-3.24938	0.0684409	0.514413	3.51413	0.8933	1.08619	1.08619	0.0940468	3.10887	3.10887	0.176356	0.412471	-2.42441	0.332792	1.85065	1.85065	0.694621	0.7842001	-1.27518	0.976572	1.01826	1.01826	0.513332	0.6646694	-1.50445	1.95354	11.7442	5.34379	1
cg20309703	PHLDB1;PHLDB1;PHLDB1	0.179217	0.175883	0.480376	-2.08317	0.0798877	0.171542	-2.69148	0.0149699	0.2149648	-4.65238	0.311181	0.586373	-1.7054	0.50998	0.7087888	-1.41265	0.76992	1.16162	1.16162	0.2663322	0.5543021	-1.80407	0.0775805	0.368106	-2.71564	0.787353	0.871323	-1.14768	1.95351	8.0299	3.65377	1
cg17462165	NOX813	0.179218	0.0911112	0.925717	-1.08033	0.2244923	0.842414	-1.18986	0.532017	1.24969	1.24969	0.3939779	0.738012	-1.35499	0.0732721	0.4491	-2.02049	0.898499	1.04596	1.04596	0.0326797	0.4147311	-2.4112	0.8064567	1.09028	1.09028	0.513239	0.791772	-1.26299	1.9535	3.83636	1.74563	1
cg24755033	PCLO;PCLO	0.179219	0.147484	0.244226	-4.09456	0.9011115	1.11935	1.11935	0.286918	2.7263	2.7263	0.791629	0.786504	-1.27145	0.0450339	0.12417	-8.05349	0.271139	0.353771	-2.82669	0.0636497	0.150896	-6.62709	0.605	0.62298	-1.60519	0.0704448	0.159794	-6.25808	1.95351	25.4519	11.5812	1
cg14771077	LOC100130872-SPON2;SPON2;SPON2	0.179219	0.134315	2.04625	2.04625	0.90405	0.974472	-1.05494	0.118721	2.11919	2.11919	0.783325	0.8454426	1.1693	-1.13003	0.317164	1.58181	1.58181	0.223025	1.7644	1.7644	0.0269591	0.321438	-3.11102	0.589096	0.785184	-1.27359	1.9535	6.08464	2.76865	1
cg11901646	MRPL22;MRPL22	0.179225	0.089492	0.79441	-1.25894	0.1025364	1.1536	1.1536	0.4554	1.16426	1.16426	0.1316969	1.211723	1.211723	0.25358	0.6767284	1.65248	0.7347278	0.945749	-1.05756	0.4299511	0.6744	1.48255	0.2942063	0.7744	1.2914	0.1108398	0.8552266	-1.16928	1.95347	0.547512	0.249135	1
cg03417884	GNAL;GNAL;GNAL	0.179226	0.14635	4.645	4.645	0.121371	5.22913	5.22913	0.148174	4.60844	4.60844	0.125977	5.10795	5.10795	0.729376	0.7102091	1.40787	0.202023	3.76925	3.76925	0.904504	0.8885011	-1.12549	0.0158485	18.3695	18.3695	0.557515	1.7937	1.7937	1.95347	30.0164	13.6584	1
cg12471053	FAM83A;FAM83A	0.179229	0.947175	0.10187	1.01187	0.882173	1.026176	1.026176	0.2563	0.8098011	-1.23487	0.337891	0.838704	-1.19232	0.0203658	0.6078671	-1.64508	0.38412	1.02631	1.02631	0.199597	1.27288	1.27288	0.0765283	0.704134	-1.42018	0.672777	1.07857	1.07857	1.95345	0.980724	0.446265	1
cg16359160	ZNF763	0.179231	0.113546	0.70744	-1.41408	0.0558805	0.155751	-1.06856	0.148807	0.721684	-1.38565	0.244783	0.515054	-1.94192	0.0155622	0.3242063	-3.08402	0.866208	1.09698	1.09698	0.0774158	0.6122141	-1.63351	0.342003	0.744242	1.34311	0.165049	0.6554	1.52154	0.587908	1.95345	0.628428	0.321681	1
cg24648864	COMMD5;COMMD5;COMMD5;COMM D5	0.179232	0.876877	1.02919	1.02919	0.790142	1.05074	1.05074	0.12671	1.35872	1.35872	0.664585	1.08432	1.08432	0.135251	0.741726	-1.34821	0.820042	0.958599	-1.04319	0.0601701	0.6734756	-1.48202	0.394599	1.17562	1.17562	0.0710712	1.45378	1.45378	1.95343	1.06531	0.484761	1
cg27260462	GLRX3	0.179234	0.920435	1.01161	1.01161	0.6838494	1.27202	1.27202	0.0415598	1.29612	1.29612	0.1196896	1.21584	1.21584	0.2258215	0.8624631	-1.15947	0.991678	0.998796	-1.00121	0.8653661	0.98059	-1.01979	0.77863	0.967974	-1.03109	0.1160174	1.21807	1.21807	1.95342	0.412739	0.187814	1
cg21957786	RHEBL1	0.179236	0.685948	1.07587	1.07587	0.8845373	0.974205	-1.02648	0.866555	0.970197	-1.03072	0.0321166	0.636605	-1.57083	0.0294042	0.63013	-1.58647	0.075604	0.7006	-1.42735	0.962504	0.991578	-1.00849	0.966999	1.00747	1.00747	0.651437	1.08526	1.08526	1.95341	1.00131	0.445642	1
cg17009313	ENPP6	0.179239	0.116621	1.00139	1.0065	0.2016726	0.641264	-1.5241	0.445519	0.9505	-1.05193	0.1665	0.7911	-1.26419	0.0178955	0.5019	-1.99303	0.11271	1.04656	1.04656	0.0231126	0.0467831	-21.8431	0.0225383	0.0409908	-24.3914	0.76539	0.2403576	-4.16014	0.432135	0.40908	-2.43

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cg04714606	MBNL2,MBNL2	0.179488	0.304327	1.94429	1.94429	0.943656	0.956784	-1.04517	0.0900859	0.3119944	-1.20171	0.980098	0.985224	-1.015	0.0945353	1.15389	1.15389	0.505459	1.52551	1.52551	0.826152	1.14739	1.14739	0.027258	5.11915	5.11915	0.280201	2.01699	1.95203	12.0772	5.49956	1
cg05229898	EGR1,EGR1	0.179492	0.593131	0.898428	-1.11306	0.0997764	1.43079	1.43079	0.18369	1.32329	1.329227	0.191267	1.31626	1.31626	0.206182	0.019702	1.46605	1.46605	0.896757	0.974547	-1.02612	0.836779	1.04182	1.04182	0.19703	0.762723	-1.31109	0.0641615	1.51151	1.51151	1.952	1.21936	0.555265	1
cg01250651	PXN	0.179496	0.697794	0.906369	-1.1033	0.802585	1.06515	1.06515	0.389881	0.800928	-1.24855	0.984778	0.995205	-1.00482	0.64961	1.12213	1.12213	0.579322	1.46283	1.46283	0.00932715	0.435685	-2.29523	0.751046	1.08349	1.08349	0.357327	0.78781	-1.26934	1.95199	1.96231	0.893588	1
cg11309685	TMEM161B	0.179498	0.887202	0.975043	-1.0256	0.068914	1.4369	1.4369	0.195324	1.27622	1.276222	0.90413	1.02169	1.020169	0.914986	-1.09295	0.914986	-1.09295	0.079217	1.41483	1.41483	0.256213	1.23497	1.23497	0.119659	1.35078	1.35078	0.0321815	1.56329	1.56329	1.95197	0.98035	0.446431	1
cg13442333	THRA/NR1D1	0.1795	0.233443	0.202745	0.2283273	4.32547	4.32547	0.0113573	6.00778	6.007738	6.027795	0.605049	1.34333	1.34333	0.308627	1.81511	1.81511	0.277957	1.89322	1.893322	0.493989	1.48136	1.48136	0.666286	1.27821	1.27821	1.95196	9.89498	4.506	1
cg11595569	PIP4K2C,PIP4K2C,PIP4K2C,PIP4K2C	0.179505	0.233579	0.369869	-2.70366	0.106799	0.243836	-4.10111	0.774629	0.796869	-1.25491	0.0561188	0.174781	-5.72144	0.209206	0.348184	2.87251	0.549509	0.619005	-1.6551	0.0983489	4.28046	4.28046	0.556448	1.60377	1.60377	0.428854	1.80758	1.89758	2.04145	19.7852	7.53884	1
cg14062745	RAB1A;RAB1A;RAB1A;RAB1A	0.179505	?	?	?	0.848639	0.906169	-1.10355	0.617762	1.29656	1.29656	0.108688	2.49515	2.49515	0.0256831	4.07226	4.07226	0.125512	2.37593	2.37593	?	?	?	0.466214	1.46716	1.46716	0.465112	0.680918	-1.46861	2.0667	6.624089	3.20554	1
cg02875130	REXO1	0.179506	0.0838023	0.538851	-1.8558	0.881396	0.748178	-1.33558	0.0403849	0.49635	-2.14477	0.990916	0.04107	1.04592	0.0191391	0.932588	1.07228	0.63155	0.855451	-1.16897	0.823354	1.07492	1.07492	0.021562	0.408014	-2.4491	0.655904	1.15611	1.15611	1.95193	3.22815	1.47007	1
cg19533957	NOL11	0.179509	0.690412	0.893581	-1.11909	0.615198	0.865955	-1.15479	0.220625	0.696342	-1.43608	0.551881	0.844373	-1.18431	0.0825616	0.58252	1.71668	0.0652936	1.78406	1.78406	0.536781	0.838796	-1.19218	0.226462	0.698823	-1.42893	0.11602	1.61521	1.61521	1.95191	2.44183	1.11199	1
cg06832042	HS2ST1;HS2ST1;SEPI5;SEPI5	0.179516	0.171073	0.790583	-1.26489	0.141298	1.29053	1.29053	0.438828	1.13577	1.13577	0.486551	0.892268	-1.12074	0.302186	1.18808	1.18808	0.639817	1.07895	1.07895	0.06018	0.710487	-1.40749	0.837626	1.03364	1.03364	0.0954315	1.3436	1.3436	1.95187	0.803625	0.365973	1
cg07397296	ABCG1,ABCG1,ABCG1,ABCG1,ABCG1,A	0.179521	0.571405	0.573159	-1.74472	0.346867	2.56673	2.56673	0.783963	0.76534	-1.30661	0.296192	2.86934	2.86934	0.116686	0.190374	-5.25282	0.308453	2.78938	2.78938	0.576574	0.577542	-1.73148	0.0225179	14.2845	14.2845	0.260056	3.13695	3.13695	1.95185	29.2745	13.3319	1
cg02091366	NCRNA00188,NCRNA00188;NCRNA00188;NCRNA00188;NCRNA00188;NCRNA00188;NCRNA00188;NCRNA00188;NCRNA00188	0.179521	0.469997	0.8346	-1.19818	0.337336	1.27547	1.27547	0.118513	1.5172	1.5172	0.119244	0.913111	-1.09516	0.350535	0.789493	-1.26664	0.906558	0.971528	-1.02931	0.0156276	0.482337	-2.07324	0.780801	0.93368	-1.07103	0.405743	1.23274	1.23274	1.95185	1.87053	0.851855	1
cg04536807	FKBP9	0.179521	0.414867	1.11578	1.11578	0.533584	0.920891	-1.08591	0.904121	1.01597	1.01597	0.0199658	1.44654	1.44654	0.649983	1.06189	1.06189	0.786759	1.03629	1.03629	0.709479	0.951997	-1.05042	0.727561	1.04705	1.04705	0.0207248	1.44206	1.44206	1.95184	0.534155	0.243259	1
cg14458068	HGAB;PCDHGA2;PCDHGA8;PCDHGA7	0.179522	0.02922	6.49172	6.49172	0.260906	2.34822	2.34822	0.102503	3.67231	3.67231	0.138355	3.195	3.195	0.0640875	4.54912	4.54912	0.118482	3.43463	3.43463	0.375817	1.93813	1.93813	0.0668136	4.46405	4.46405	0.227277	2.5164	2.5164	1.95184	16.3854	7.46208	1
cg24641993	ANXA6;ANXA6	0.179522	0.556241	0.717535	-1.39356	0.518131	1.44109	1.44109	0.618643	0.755813	-1.32308	0.766498	0.846969	-1.18068	0.250182	0.511607	-1.95463	0.00940035	0.159392	-6.27383	0.938131	1.04425	1.04425	0.250398	1.95398	1.95398	0.460535	1.52049	1.52049	1.95184	9.615577	4.37912	1
cg14486857	AP3A2	0.179526	0.125383	2.22465	2.22466	0.0549742	1.85498	1.85498	0.632274	1.26164	1.26164	0.0528081	2.90158	2.90158	0.0248265	5.573651	-1.74322	0.137362	2.62273	2.62273	0.518936	1.37086	1.37086	0.186864	1.963	1.963	0.177528	1.99536	1.99536	1.95182	7.1838	3.27161	1
cg17220749	GALNT2	0.179526	0.9103381	0.947368	-1.05556	0.641245	0.798247	-1.25275	0.168524	0.494323	-2.02297	0.0331978	3.30514	3.30514	0.85333	0.914968	-1.09293	0.512211	1.37601	1.37601	0.673133	1.22598	1.22598	0.0304351	1.39226	1.39226	0.685159	1.21619	1.21619	1.95182	7.12774	3.24609	1
cg04036329	UXS1;ULK2	0.179526	0.893516	1.10588	1.10588	0.0108838	1.31371	1.31371	0.113765	1.3648	1.3648	0.263005	2.41313	2.41313	0.0569164	3.61229	-1.63319	0.780192	1.23397	1.23397	0.238561	2.52959	2.52959	0.609114	0.678716	-1.47337	0.334104	2.11407	2.11407	1.95182	17.4563	7.94988	1
cg18217632	PRMT8	0.179531	0.545318	1.08564	1.08564	0.2188	1.17336	1.17336	0.345156	1.03209	1.03209	0.872435	1.24554	1.24554	0.0712134	2.17605	-1.59459	0.732268	1.42504	1.42504	0.125505	1.25111	1.25111	0.0158404	1.77673	1.77673	0.0384664	1.72726	1.72726	1.95179	0.6604619	0.30086	1
cg25883868	APOBEC3F;APOBEC3F	0.179543	0.0353706	0.54647	-1.82993	0.45659	1.20562	1.20562	0.796603	1.06578	1.06578	0.0387142	0.554094	-1.80475	0.595225	1.14139	1.14139	0.35622	0.79133	-1.2637	0.939847	1.01879	1.01879	0.356801	0.791567	-1.26332	0.279029	1.31993	1.31993	1.95172	1.8802	0.856312	1
cg19194454	NDD1;NDD1;NDD1;NDD1	0.179547	0.577643	1.07828	1.07828	0.505899	1.74666	1.74666	0.0196466	0.4643669	1.0975	1.0975	0.356021	0.8805532	-1.13565	0.0161391	1.493649	1.140349	0.6096646	1.13254	1.13254	0.310414	1.151	1.151	0.4604262	0.870382	-1.12223	0.372267	1.31959	1.31959	1.9517	0.554954	0.25275	1
cg09176402	EPHA10	0.179548	0.223416	1.34175	1.34175	0.121856	1.47107	1.47107	0.0939945	1.53412	1.53412	0.127825	0.684991	-1.45987	0.975027	0.992832	1.007022	0.291353	1.77538	1.28611	0.0952507	1.52324	1.52324	0.491753	1.17407	1.17407	0.695188	0.913478	-1.09472	0.917157	1.63251	0.743516	1
cg11496438	CYC1	0.179549	0.0055651	0.693416	-1.44214	0.420188	0.920538	-1.08632	0.727261	0.9654411	-1.03583	0.274291	0.891935	-1.12116	0.662118	0.956756	-1.0452	0.764798	0.970286	-1.03062	0.266762	0.890188	-1.12336	0.8678	0.983391	-1.01689	0.411541	1.08808	1.08808	1.95169	0.312416	0.142288	1
cg16553327	DTNBP1;DTNBP1;DTNBP1	0.179552	0.552846	1.13282	1.13282	0.0966	0.858645	-1.16163	0.2300055	1.78896	1.78896	0.138199	1.39312	1.39312	0.0188056	2.58035	-1.31514	0.619356	1.25143	1.25143	0.0188056	1.58536	1.58536	0.0210686	1.45659	1.45659	0.0484435	1.28756	1.28756	1.95169	1.33357	0.607368	1
cg24847046	PPOX;USP21;USP21;PPOX	0.179561	0.0350772	0.415358	-2.40756	0.894554	0.953655	-1.0486	0.266051	0.51393	0.51393	0.942598	0.0633699	0.473734	-2.11089	0.305806	0.684253	-1.46145	0.116098	0.54275	-1.84247	0.241905	0.64513	-1.55008	0.175062	0.596846	-1.67547	1.95163	3.95794	1.80268	1
cg26283371	ABCE1;ANAPC10;ABCE1	0.179561	0.2796463	0.5037	-1.98546	0.274299	0.814252	0.814252	0.0222926	0.5311221	0.531122	0.0261	1.31626	1.31626	0.0273851	1.9076	-1.92704	0.429004	0.7488	0.7488	0.0261	0.684895	-1.46008	0.0978599	0.871049	0.871049	0.0261	1.14491	1.14491	1.95163	3.965	1.78426	1
cg07636876	SUFU;ACTR1A	0.179562	0.0291946	0.439336	-2.27616	0.105431	0.567699	-1.7615	0.91602	0.966804	-1.03434	0.89486	1.04323	1.04323	0.188163	1.56257	1.56257	0.314979	0.717085	-1.39453	0.538797	1.2204	1.2204	0.302776	0.710593	-1.40728	0.30008	1.41016	1.41016	1.95162	3.16635	1.44215	1
cg16897193	NOVA2	0.179563	0.751378	1.10948	1.10948	0.0801096	1.88633	1.88633	0.220102	0.656763	-1.52262	0.346685	0.728523	-1.37264	0.900536	1.33319	1.33319	0.880414	1.05044	1.05044	0.0227487	2.34913	2.34913	0.191397	1.57161	1.57161	0.763612	0.906119	-1.10361	1.95162	3.30215	1.50401	1
cg07006158	EXOSC2	0.179565	0.848158	1.09356	1.09356	0.0458672	1.85333	1.85333	0.0990558	1.91158	1.91158	0.128844	0.688408	-1.56571	0.660904	1.03033	-1.36257	0.900559	1.22815	1.22815	0.0852961	1.22198	1.22198	0.138381	1.67218	1.67218	0.148768	1.9516	1.9516	0.06358	2.76176	1.39556	1
cg27004170	PNPT1	0.179566	0.562961	1.23145	1.23145	0.0386593	1.34559	1.34559	0.533446	0.798888	-1.25174	0.75062	1.1202	1.1202	0.369439	1.38838	1.38838	0.610122	0.832711	-1.2009	0.260579	1.5185	1.5185	0.396627	1.36207	1.36207	0.0162702	2.84628	2.84628	1.9516	3.91705	1.78409	1
cg09493195	TTC38	0.179567	0.0207403	0.707788	1.41328	0.271467	1.3566	1.3566	0.355263	1.25121	1.25121	0.928684	1.0212	1.0212	0.871472	0.947371	-1.05566	0.631079	0.886772	-1.12764	0.153599	1.46741	1.46741	0.0147853	1.07053	1.07053	0.887192	1.06317	1.06317	1.00307	1.03559	0.0697	0.729217	1
cg18682028	FYCO1	0.179572	0.0478406	0.99156	1.99156	0.493111	1.23589	1.23589	0.731249	0.900339	-1.11069	0.842846	0.941349	-1.06231	0.645771	2.00906	2.00906	0.807673	0.928428	-1.07709	0.628547	2.19646	2.19646	0.0296457	1.1479	1.1479	0.376479	1.31832	1.31832	1.95157	7.8658	1.3053	1
cg18179075	CPA2	0.179573	0.136502	0.320389	-3.12121	0.337014	0.495426	-2.01846	0.224506	2.47266	2.47266	0.220818	0.401209	-2.49247	0.9931556	2.6936578	-3.70812	0.203182	0.385543	-2.59374	0.127857	0.31098	-3.21564	0.271912	2.25121	2.25121	0.171558	0.356039	-2.80868	0.915156	15.5607	7.08749	1
cg21203401	DTNBP1;DTNBP1;DTNBP1	0.179582	0.0207403	0.707788	1.41328	0.271467	1.3566	1.3566	0.355263	1.25121	1.25121	0.928684	1.0212	1.0212	0.871472	0.947371	-1.05566	0.631079	0.886772	-1.12764	0.153599	1.46741	1.46741	0.0147853	1.07053	1.07053	0.887192	1.06317	1.06317	1.00307	1.03559	0.0697	0.729217	1
cg18682028	FYCO1	0.179572	0.0478406	0.99156	1.99156	0.493111	1.23589	1.23589	0.731249	0.900339	-1.11069	0.842846	0.941349	-1.06231	0.645771	2.00906	2.00906	0.807673	0.928428	-1.07709	0.628547	2.19646	2.19646	0.0296457	1.1479	1.1479	0.376479	1.31832	1.31832	1.95157	7.8658	1.3053	1
cg18179075	CPA2	0.179573	0.136502	0.320389	-3.12121	0.337014	0.495426	-2.01846	0.224506	2.47266	2.47266	0.220818	0.401209	-2.49247	0.9931556	2.6936578	-3.70812	0.203182	0.385543	-2.59374	0.127857	0.31098	-3.21564	0.271912	2.25121	2.25121	0.171558	0.356039	-2.80868	0.915156	15.5607	7.08749	1
cg21203401	DTNBP1;DTNBP1;DTNBP1	0.179582	0.552846	1.13282	1.13282	0.0966	0.858645	-1.16163	0.2300055	1.78896	1.78896	0.138199	1.39312	1.39312	0.0188056	2.58035	-1.31514	0.619356	1.25143	1.25143	0.0188056	1.58536	1.58536	0.0210686	1.45659	1.45659	0.0484435	1.28756	1.28756	1.95169	1.33357	0.607368	1
cg17052266	CPVL;CPVL	0.179584	0.6085088	0.54626	-1.83063	0.1881118	0.663131	-1.51215	0.275182	0.714185	-1.4002	0.124282	1.63801	1.63801	0.164139	0.603017	-1.65833	0.312645	1.36298	1.36298	0.219771	0.682085	-1.46609	0.367135	0.759802	-1.31633	0.97528	1.09023	1.09023	1.9515	2.71726	1.23768	1
cg04226745	C17orf57	0.179585	0.956047	1.02662	1.02662	0.0139478	1.63517	1.63517	0.0211853	1.83313	1.83313	0.0827654	1.76407	1.76407	0.0356294	3.076099	-1.67588	0.667233	1.81442	1.81442	0.0080756	1.07395	1.07395	0.715597	1.13668	1.13668	0.0897947	1.38057	1.38057	1.37559	1.13096	0.814368	0.392097	1.95157	2.98658	1.3053	1
cg23091406	IRF2	0.179587	0.337478	1.48179	1.48179	0.652686	1.19741	1.19741	0.316787	1.50919	1.50919	0.465724	0.744366	-1.34343	0.228923	0.60524	-1.65224	0.131531	0.523384	-1.91064	0.113735	1.9825	1.9825	0.0840003	2.13904	2.13904	0.179948	1.76181	1.76181	1.95148	1.88822	1.22651	1
cg02678638	KIAA0182;KIAA0182	0.179589	0.166455	2.01212	2.01212	0.410557	1.49004	1.49004	0.00664115	5.30923	5.30923	0.326049	1.61696	1.61696	0.0511902	5.910592	0.730727	-1.3685	0.732193	1.17305	1.17305	0.312604	1.6405	1.6405	0.0247507	1.77936	1.77936	0.820807	0.898062	-1.11351	0.915445	6.94121	3.16174	1
cg14920199	SLC27A2;SLC27A2	0.179594	0.137243	0.464023	2.15466	0.0379917	1.65517	1.65517	0.148312	1.38932	1.38932	0.0470926	1.42562	1.42562	0.0134562	3.184182	-1.81702	0.0520707	1.42426	1.42426	0.0266744	1.07395	1.07395	0.715597	1.13668	1.13668	0.0897947	1.38057	1.38057	1.37559	1.13096	0.814368	0.392097	1.95157	2.98658	1.3053	1
cg11231751	UNGO3	0.179594	0.301976	0.415152	-2.40876	0.253915	0.37552	-2.66298	0.108276	0.236844	-4.22219	0.465593	0.543099	-1.84129	0.576036	0.628491	-1.59111	0.385411	2.07828	2.07828	0.330856	0.438305	-2.28151	0.610882	1.52478	1.52478	0.029305	8.25368	8.25368	1.95145	20.8877	9.51439	1
cg07731606	AGBL3	0.179594	0.646521	1.11353	1.11353	0.0486499	1.77473	1.77473	0.0138076	1.60798	1.60798	0.528025	1.12151	1.12151	0.388076	1.778503	-1.24627	0.271995	1.22765	1.22765	0.0155455	1.03388	1.03388	0.940072	1.78064	1.78064	0.0194368	1.26108	1.26108	1.95145	1.08968	0.452858	1
cg17411020	ABR;ABR	0.179596	0.889362	0.972032	-1.02877	0.90157	0.975099	-1.02554	0.18342	0.750024	-1.33329	0.167578	1.34956	1.34956	0.255374	1.27379	1.27379	0.074789	1.49825	1.49825	0.189947	1.327	1.327	0.563467	0.887782	-1.1264	0.0995207	0.692165	-1.44474	1.95144	1.28365	0.584708	1
cg08400210	GABBR1	0.179597	0.190414	0.574164	-1.74156	0.0993171	0.991605	-1.00837	0.955115	0.568674	-1.75878	0.0455	0.829227	-1.20611	0.0174734	0.309749	-3.23504	0.233882	0.606912	-1.64759	0.449863	0.3983837	-2.51078	0.70725	1.1273	1.1273	0.415864	0.716947	-1.3948	1.95142	4.948497	2.25467	1
cg18080937	ARF3	0.179599	0.514564	1.31462	1.31462	0.166146	0.542727	-1.84255	0.991654	0.95658	-1.00434	0.18817	0.561486	-1.78099	0.0274734	0.339822	-2.94272	0.034407	0.360154	-2.77659	0.676534	1.18664	1.18664	0.788492	1.80468	-1.11772	0.420334	0.711233	1.40601	1.95142	5.29438	2.41164	1
cg10109014	HLA-E	0.179604	0.0523963	2.12332	2.12332	0.103536	1.83622	1.83622	0.57921	0.733324	-1.36365	0.111768	1.78801	1.78801	0.357023	0.72169	-1.38564	0.369264	1.36992	1.36992	0.388554	1.35207	1.35207	0.221721	0.645067	-1.55023	0.769274	1.10561	1.10561	1.95139	3.6008	1.64022	1
cg06930049	TMEM48A	0.179605	0.346871	1.22555	1.22555	0.2406672	1.46855	1.46855	0.111798	1.3528	1.3528	0.727868	0.775127	-1.29011	0.931923	0.472005	-2.11828	0.0813186	1.24386	1.24386	0.049189	1.56307	1.56307	0.0574663	1.97059	1.97059	0.0149486	1.65806	1.65806	0.829606	1.17018	1.14539	0.49	1.95137	4.4857	1.9516	1
cg06425162	OTOP3	0.179609	0.398882	1.56668	1.56668	0.07707	0.359923	-2.77837	0.0441319	0.300558	-3.32754	0.923955	0.951582	-1.05088	0.144025	0.442249	-2.26117	0.895162	0.933763	-1.07094	0.491048	0.695172	-1.43849	0.040935	0.293348	-3.40892	0.284928	0.561375	-1.78134	0.95136	8.35084	3.80399	1
cg09027148	NRXN2;NRXN2	0.179612	0.407418	0.49511	-2.02019	0.109031	0.424632	-2.36199	0.174959	0.302184	-3.30924	0.489097	0.95826	-1.29128	0.045122	0.148556	-6.73238	0.107029	0.127701	-7.83121	0.0424128	0.380842	-2.62573	0.0156905	0.111352	-8.98055	0.750963	1.30315	1.30315	1.95135	21.3664	9.6874	1
cg19927565	EVI1	0.179614	0.0583676	0.58768	-1.70101	0.0948013	1.57772	1.57772	0.13103	1.69551	1.69551	0.0107	1.43778	0.642835	0.890422	-1.12308	0.0821919	0.656868	1.63179	1.63179	0.0107	1.01074	1.01074	0.0107	0.972413	-1.02837	0.170122	0.605511	-1.43779	1.9514	3.90875	0.864948	1
cg01957900	ATP4B	0.179614	0.411599	0.786053	-1.27218	0.0155022	0.426833	-2.34284	0.0910072	0.586472	-1.70511	0.5667	0.843276	-1.18585	0.952583	1.0172	1.0172	0.887243	0.960136	-1.04152	0.310436	0.740126	-1.35112	0.269678	0.719223	-1.39039	0.0390344	0.504111	-1.98369	1.95134	2.54088	1.15745	1
cg00032102	SNORD41;TNPO2;TNPO2;TNPO2	0.179615	0.177769	1.44467	1.44467	0.2164	1.12754	1.12754	0.894092	1.03585	1.03585	0.127512	1.59646	1.59646	0.0863484	2.551525	-1.62542	0.60503	1.87474	1.87474	0.141401	1.01471	1.58504	1.58504	0.0647058	1.65125	1.65125	0.0155243	1.70386	1.70386	1.95132	1.84884	0.928946	1
cg25943661	UBASH3B	0.179617	0.0819804	0.414341	-2.41347	0.272107	0.68644	1.68644	0.677436	1.21075	1.21075	0.66121	1.22337	1.22337	0.237948	0.568273	-1.75972	0.599038	1.27796	1.27796	0.229029	0.561525	-1.78086	0.0409173	2.94095	2.94095	0.493453	1.72767	1.72767	1.37431	1.95132	0.45934	2.94244	1
cg01493555	DOCK4	0.179619	0.553589	0.818912	-1.22113	0.0438649	2.16444	2.16444	0.435135	1.30384	1.30384	0.445457	0.731455	-1.36751	0.0716021	1.256023	0.783804	0.912304	-1.09602	0.246264	0.667496	1.49148	1.49148	0.280131	0.628171	-1.59192	0.0492869	0.473504	-2.11281	0.0385616	0.287711	-3.47811	0.0437	3.44961	1.95132	4.948497	2.25467	1
cg08743812	CARTPT	0.179622	0.77823	-1.30982	-1.09802	0.516167	0.606932	-1.64763	0.464482	0.77527	-1.28987	0.372028	1.35827	1.35827	0.367952	0.734203	-1.36202	0.0373818	0.446152	-2.24139	0.027973	0.2400044	-3.38093	0.142219	0.582095	-1.71528	0.705201	0.880575	-1.1354	1.9513	3.44961	1.53742	1
cg11409439	NTNG2	0.179625	0.75942	0.83223	-1.20159	0.111395	2.82002	2.82002	0.354148	1.76817	1.76817	0.219134	0.748527	-2.08975	0.271732	0.504574	-1.98187	0.953581	0.965795	-1.03542	0.0212763	0.26529	-3.76946	0.0815744	0.315348	-3.1711	0.691858	1.26892	1.26892	1.95127	11.0467	5.03224	1
cg27227598	ATP2B2;ATP2B2	0.179626	0.677633	1.23645	1.23645	0.144848	1.31057	1.31057	0.280808	0.935924	1.06921	0.941407	0.795544	-1.02402	0.549104	0.992	-1.00802	0.472005	0.874532	1.14369	0.595329	1.9299	1.9299	0.0139548	1.32056	1.32056	0.595329	1.26829	1.26829	1.50123	1.2466	0.552329	2.4678	1.95127	4.3857	1.9516	1
cg25132484	CAMTA1	0.179627	0.319789	0.800248	-1.24961	0.031535	0.570391	-1.75318	0.218796	0.749789	-1.33371	0.933056	1.01888	1.01888	0.137497	1.42778	1.42778	0.905461	1.02681	1.02681	0.138279	1.42662	1.42662	0.967912	0.991084	-1.009	0.326587	0.798119	-1.25295	1.95126	1.53192	0.697859	1
cg27337668	MLLT6	0.179631	0.0563607	0.546131	-1.83106	0.0380266	1.96073	1.96073	0.58822	0.635439	1.18302	0.493996	0.823288	-1.21464	0.519883	0.83308	-1.20036	0.635439	1.14305	1.14305	0.847328	0.946925	-1.05605	0.144744	1.55039	1.55039	0.535965	0.839068	-1.1918	1.95125	2.42204	1.10336	1
cg26846726	PRMT1;PRMT1;PRMT1	0.179632

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1141 vs. N)	Fold-Change(1141 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1527 vs. N)	Fold-Change(1527 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error	
cg18862566	RUNX2;RUNX2;RUNX2	0.179785	0.074817	1.56273	1.56273	0.731866	1.808485	-1.24248	0.0924321	1.21868	1.21868	0.847626	0.885656	-1.12911	0.0245084	5.42631	5.42631	0.647631	0.607581	1.38674	1.38674	0.178076	2.46768	2.46768	0.0965098	3.16394	3.16394	0.632909	1.35493	1.9504	12.3079	5.60926	1
cg20803849	LRP5	0.179791	0.489968	0.799188	-1.25127	0.1631091	2.55676	2.55676	0.527097	1.22732	1.22732	0.518727	0.811304	-1.23258	0.997753	1.08555	1.08555		0.123734	0.586901	-1.70387	0.322902	0.721532	-1.38594	0.807229	0.924834	-1.08128	0.3190057	0.719531	-1.38979	0.150317	3.156611	1.143841	1
cg25846061	AGAP1;AGAP1	0.179794	0.986907	0.99293	-1.00712	0.128049	2.03672	2.03672	0.00507272	4.96209	4.96209	0.807201	1.1115	1.1115	0.602109	1.25538	1.25538		0.614883	1.24525	1.24525	0.789771	0.89089	-1.12247	0.381248	1.47447	1.47447	0.566923	1.28434	1.28434	1.950335	5.77452	2.63179	1
cg20772209	DHX16;DHX16	0.179795	?	?	?	0.3932247	1.68881	1.68881	0.255409	0.488539	-2.04692	0.0217468	1.28732	-1.57334	?	?	?	0.925174	0.945726	-1.05739	0.283759	0.511369	-1.95553	2.20156	7.81047	3.54769	1
cg00319655	ANXA3	0.179796	0.640357	0.78522	-1.27353	0.353672	1.63309	1.63309	0.87941	1.08114	1.08114	0.753034	1.17609	1.17609	0.21845	1.48341	1.48341	0.485072	-2.06155				0.0630238	2.92883	2.92883	0.867337	0.917678	-1.08971	0.0306359	3.68788	3.68788	0.142576	2.24768	2.24768	1.95034	8.15636	3.71735	1
cg10877797	C1orf163	0.179796	0.410086	1.60771	1.60771	0.1114455	0.360592	-2.77322	0.42861	1.5761	1.5761	?	?	?	0.366524	1.68957	1.68957		0.3399444	1.74689	1.74689	?	?	0.0591141	0.276368	-1.61837	0.378865	1.66326	1.66326	2.36847	8.25941	2.490888	1
cg20059140	GNAL;GNAL;GNAL	0.179797	0.0778343	10.5364	10.5364	0.6002207	1.88792	1.88792	0.412397	2.73757	2.73757	0.114567	7.86401	7.86401	0.45229	0.398463	-2.50964		0.5005514	2.2742	2.2742	0.707298	0.635545	-1.57345	0.0136558	39.0766	39.0766	0.647731	1.73812	1.73812	1.950434	44.603	20.3283	1
cg26648801	ZMYM2;ZMYM2	0.179798	0.0329807	0.64905	0.64905	0.0183169	7.86089	7.86089	0.0351686	2.64051	2.64051	0.879195	0.89625	-1.11576	0.564956	0.697712	-1.52042		0.81177	0.842135	-1.18746	0.93512	1.4715	1.4715	0.859145	1.13647	1.13647	0.363118	1.96038	1.96038	1.950033	16.0211	7.30185	1
cg21227274	TNC	0.179798	0.5785	0.727142	-1.37535	0.0211844	4.62306	4.62306	0.0648227	2.86859	2.86859	0.561692	1.38293	1.38293	0.35213	1.90314	1.90314	0.397374	0.531766	0.857914	-1.16552	0.209119	0.351354	1.91017	1.91017	0.661074	1.27604	1.27604	1.950317	9.42897	4.29774	1
cg00937568	FNAR2;FNAR2;FNAR2	0.179844	0.757565	0.927604	-1.07805	0.23983	0.741763	-1.34814	0.342052	1.26821	1.26821	0.156875	0.692468	-1.44411	0.210678	0.726063	-1.37729		0.963649	0.988999	-1.01112	0.0206361	0.508352	-1.96714	0.198735	1.39045	1.39045	0.680402	0.904358	-1.10576	1.95008	1.81942	0.829331	1
cg03472313	SERINC5;SERINC3	0.179844	0.415081	1.3498	1.3498	0.705513	1.14648	1.14648	0.0198723	2.7519	2.7519	0.800074	1.04627	1.04627	0.50541	1.42332	1.42332		0.2637002	0.657366	-1.52122	0.114719	0.539121	-1.85456	0.374487	1.72091	1.72091	1.3885	0.812959	0.918194	1.089009	1.95008	4.004615	1.82518	1
cg07627485	TRIP6;TRIP6	0.179848	0.864118	0.824436	-1.21295	0.0499675	13.0901	13.0901	0.276474	3.60878	3.60878	0.316944	0.309806	-3.22783	0.723603	0.670053	-1.49242		0.754257	1.42482	1.42482	0.601623	1.81196	1.81196	0.925489	0.899948	-1.11118	0.0283271	0.0500298	-19.9881	2.03937	40.155	15.3144	1
cg07824716	LOC146880;LOC146880	0.179848	0.773644	1.07912	1.07912	0.273209	0.73128	0.73128	0.0147652	3.34054	3.34054	0.498463	0.833391	1.19992	0.938547	1.06552			0.678009	1.1655	1.1655	0.0562584	0.58178	1.71868	1.71868	0.849669	-1.17693	1.8488362	1.03778	1.03778	1.950506	2.85158	2.98157	1
cg01923816	ARL15	0.179849	0.558283	0.79636	-1.25568	0.0189429	0.335249	-2.98286	0.0710778	0.460493	-2.17158	0.572921	0.803257	-1.24493	0.183389	0.581079	1.72094		0.334985	0.682232	-1.46578	0.257899	1.57467	1.57467	0.40559	0.720909	-1.38714	0.667586	1.18076	1.18076	1.950505	4.56802	2.08223	1
cg00394500	ADRA2C	0.179851	0.0657106	0.467581	-2.13867	0.953763	0.978883	-1.02157	0.524656	1.26782	1.26782	0.243315	0.638026	-1.56733	0.989307	1.00042			0.107121	0.523404	-1.91057	0.0648084	2.14545	2.14545	0.406134	1.36727	1.36727	0.60265	0.824212	-1.21328	1.95004	4.18433	1.90735	1
cg15333121	CEP55;CEP55	0.179852	0.120907	0.329264	-3.03707	0.411532	0.574295	-1.74127	0.612649	0.731753	-1.40105	0.88864	1.08782	1.08782	0.0446003	2.21821			0.1443	0.354914	-2.81759	0.0221822	0.163473	-6.11721	0.793716	1.18897	1.18897	0.183349	0.393597	-2.54067	1.95004	13.4735	6.14163	1
cg10430493	TPR2	0.179853	0.0800026	1.98651	1.98651	0.0713726	0.490875	-2.03718	0.0584596	0.469795	-2.12859	0.584947	1.21517	1.21517	0.47431	1.29319	1.29319		0.565462	1.22789	1.22789	0.132613	1.43083	1.43083	0.735284	1.1274	1.1274	0.703556	0.873636	-1.14464	1.95003	3.85613	1.75775	1
cg07392724	SPIB	0.179854	0.741078	1.18705	1.18705	0.658618	1.72286	1.72286	0.353172	1.35312	1.35312	0.664247	0.791355	1.09172	1.6907	1.09172	1.38253		0.445213	0.821561	-1.2172	0.785165	1.35469	1.35469	1.11233	0.1198941	1.40785	1.40785	0.50002	1.96999	0.89799			1
cg22376706	PTPRR	0.179855	0.961025	1.01234	1.01234	0.852647	1.04656	1.04656	0.969784	0.990539	-1.00955	0.432205	1.22284	1.22284	0.628267	0.522021	1.91563		0.0251491	0.51253	-1.95111	0.287854	0.758092	-1.3191	0.663998	1.11594	1.11594	0.733344	1.08962	1.08962	1.95002	1.94541	0.886786	1
cg13555150	NTM	0.179861	0.0269679	0.605498	-1.65153	0.0750578	0.684076	-1.46183	0.606253	0.905214	-1.10471	0.826713	0.958876	-1.04289	0.23128	0.786681	-1.27116		0.0676345	0.67562	-1.48012	0.741882	1.06535	1.06535	0.610543	0.906306	-1.10338	0.0687969	0.676995	-1.47712	1.49498	1.13297	0.516456	1
cg03106251	HEXDC	0.179862	0.1728384	1.47861	1.47861	0.1758257	1.41962	1.41962	0.888731	1.03811	1.03811	0.60125	1.15844	1.15844	0.0938267	1.37274			0.116333	1.58418	1.58418	0.0404304	2.1974	2.1974	0.0636827	1.75426	1.75426	0.609897	1.11007	1.11007	1.94997	2.24469	1.02324	1
cg06321300	AMY1B;AMY1C;AMY1A;AMY1A	0.179867	0.30789	0.722004	-1.38331	0.1139596	1.68125	1.68125	0.487384	0.804994	-1.24224	0.653794	1.14888	1.14888	0.88522	0.557095	-1.79503		0.454581	0.791224	-1.26386	0.102571	1.73182	1.73182	0.28153	1.41068	1.41068	0.235881	0.682575	-1.46504	1.94995	2.9189	1.13059	1
cg22147084	GFPT2	0.179869	0.0583726	0.687545	-1.45448	0.0875313	1.19792	1.19792	0.733228	1.18478	1.18478	0.844379	0.84483	-1.1884	0.0999183	1.59316	1.59316	0.0183786	0.0783844	0.460504	-2.17206	0.0155458	0.544007	-1.83821	0.157082	1.83844	-1.14044	-1.19812	0.755658	1.32409	0.98157	1
cg03197505	SLC27A1	0.179871	0.806586	0.948118	-1.05472	0.319852	1.25015	1.25015	0.41551	0.834638	-1.19812	0.303941	1.26056	1.26056	0.116499	0.690435	0.44836		0.627883	1.899348	-1.11192	0.0168364	1.88409	1.88409	0.586191	0.887467	-1.1268	0.943138	1.984627	-1.01561	1.94993	1.45679	0.664087	1
cg20554548	PAIP2B	0.179872	0.922865	0.96901	-1.0319	0.0112509	2.79957	2.79957	0.102728	1.7839	1.7839	0.710832	1.12832	1.12832	0.209306	0.651155	-1.53574		0.60974	1.18164	1.18164	0.329924	1.38534	1.38534	0.621401	1.17514	1.17514	0.420059	1.30614	1.30614	1.949933	3.24584	1.47964	1
cg20668228	ZNF788;ZNF789	0.179874	0.31936	0.74137	-1.34917	0.173219	0.723507	-1.4184	0.454995	1.07385	1.07385	0.556452	0.674417	-1.47402	0.09081	2.29456	-2.34948		0.12203	0.33311	-3.00219	0.0244186	0.172192	-5.80748	0.773841	1.82785	1.82785	1.203804	0.199915	0.411353	-2.4231	0.44991	1.91285	0.60582	1
cg02268229	UCP1	0.179875	0.658231	0.686877	-1.45587	0.356003	2.22779	2.22779	0.512604	0.571048	-1.75117	0.433607	0.509595	-1.96234	0.159485	0.28129	-3.55505		0.413287	0.493778	-2.0252	0.939219	0.937686	-1.06646	0.0124322	13.7991	13.7991	0.8973324	1.11508	1.11508	1.94991	21.9826	10.0211	1
cg18070676	FURTL	0.179876	0.712604	0.887336	-1.12664	0.6609009	0.978419	-1.02215	0.864387	1.10395	1.10395	0.678198	1.27298	1.27298	0.513946	0.683897	-1.4645		0.0911555	0.140861	-7.09925	0.0133585	0.0975	-10.2535	0.0238345	1.88352	1.88352	0.0244417	4.94557	4.94557	1.94991	10.3332	4.71051	1
cg02854396	TRHDE	0.179879	0.172709	0.366783	-2.7264	0.0549369	0.50131	0.50131	0.527637	1.55629	1.55629	0.786233	0.828709	-1.2067	0.0566128	0.225042	-4.44361		0.917307	0.930735	-1.07442	0.129603	0.322465	-3.10112	0.590233	0.588783	-1.45606	0.358928	2.521011	0.919335	1.94989	14.7523	6.72507	1
cg11379888	WDR27;C6orf120;WDR27	0.179879	?	?	?	0.0153957	0.206158	-4.85066	?	?	?	0.425575	0.657393	-1.52116	0.791359	0.872581	-1.14603		0.582815	0.751635	-1.33043	?	?	?	0.807385	0.935839	-1.06856	2.10299	4.78378	3.18465	1
cg20487851	LRRC29;LRRC29;TMEM208	0.179884	0.983009	0.994839	-1.00516	0.7164	1.41734	1.41734	0.423609	?	?	?	1.21966	1.21966	0.568353	1.15038	1.15038	0.647473	1.13814	0.0466882	0.574994	-1.73915	0.0404198	0.356216	1.77	1.29718	1.94986	0.466581	1.19718	1.94986	1.782309	0.831009	1
cg07148697	HLA-B	0.179888	0.307711	0.795343	-1.25732	0.475621	0.854433	-1.17037	0.0693725	0.643677	-1.55357	0.797555	1.05731	1.05731	0.733772	1.0694	1.0694		0.078411	1.52803	1.52803	0.173443	1.36093	1.36093	0.314085	0.797894	-1.2533	0.163123	0.724097	-1.38103	1.94984	1.45236	0.6621	1
cg23373626	FOXD1	0.179892	0.0956841	0.672994	-1.48663	0.0294277	0.71052	0.71052	0.0662795	1.64587	1.64587	0.607703	0.845701	-1.18267	0.0135103	2.09634			0.0299436	0.350442	-2.85354	0.0795925	2.21566	2.21566	0.285411	1.57406	1.57406	0.659846	1.8343455	-1.19853	1.94981	5.16266	2.35359	1
cg26388707	OCA2	0.179894	0.893955	1.05605	1.05605	0.314351	1.53025	1.53025	0.237304	0.602776	-1.65899	0.591652	0.801383	-1.24784	0.726654	1.15431	1.15431		0.124163	0.689687	-1.44993	0.192047	0.73481	-1.3609	0.567912	0.879676	-1.13678	0.345727	1.24196	1.24196	1.94978	1.5376	0.70098	1
cg20872981	SPTBN1	0.179899	0.679198	0.911379	-1.09724	0.0151931	0.514058	-1.9453	0.486891	1.17073	1.17073	0.529341	1.1528	1.1528	0.954866	0.845133	-1.18325																	
cg11608855	TSEN34;TSEN34;TSEN34	0.179902	0.891493	1.01231	1.01231	0.188272	1.1331	1.1331	0.18029	1.13602	1.13602	0.715712	0.967748	-1.03333	0.163841	1.14244	1.14244		0.126176	0.862165	-1.15987	0.0511712	0.819514	-1.22024	0.386915	1.08274	1.08274	0.674152	1.03863	1.03863	1.94976	0.248085	0.113101	1
cg04116790	PKD1C	0.179903	0.553455	1.14295	1.14295	0.4278275	1.04825	1.04825	0.955268	1.00539	1.00539	0.167904	0.863845	-1.15841	0.0127156	0.782833	-1.27741		0.462894	1.07607	1.07607	0.946309	0.97975	-1.02102	0.0506177	2.0839	2.0839	0.476475	1.29654	1.29654	1.94976	2.12454	0.135195	1
cg24800754	MLLT1	0.179904	0.0436081	0.215839	-4.63309	0.910239	0.928179	-1.07738	0.751285	0.810472	-1.23385	0.290422	0.484279	-2.06493	0.0612416	0.248123	-4.03026		0.338846	0.521243	-1.91849	0.082627	0.280724	-3.56221	0.0969571	2.099992	-3.33342	0.0504544	0.229149	-4.36397	1.94975	13.4868	6.14863	1
cg14279528	MEI4	0.179905	0.608308	1.23719	1.23719	0.0286419	2.25447	2.25447	0.0332602	2.70524	2.70524	0.0423864	1.83883	1.03387	0.0981455	1.83738	1.83738	0.0206227	0.589827	-1.69541	0.0604204	0.0196	-50.9998	1.34432	1.34432	0.841384	0.93404	-1.0702	1.94974	4.91271	2.23971	1
cg00194620	WAS	0.179906	0.783051	1.18001	1.18001	0.0488739	0.259543	-3.85292	0.127693	0.374529	-2.68503	0.346548	0.55917	-1.78837	0.0997455	0.33898	-2.95003		0.128052	2.68586	2.68586	0.028599	1.3395	1.3395	0.934804	1.05022	1.05022	0.250343	0.486578	-2.05537	1.94974	11.1052	5.06289	1
cg07015221	NKD2	0.179911	0.285821	1.75225	1.75225	0.0208101	4.08707	4.08707	0.0608024	2.91318	2.91318	0.257672	1.87544	1.87544	0.0110424	0.885852	-1.12886		0.418022	0.657866	-1.52007	0.776138	1.865666	-1.15158	0.238656	1.86727	1.86727	0.759222	0.855937	-1.16833	1.94971	7.9061	3.60446	1
cg25504273	ZFR2	0.179912	0.321133	0.780804	-1.28095	0.223707	0.72109	-1.38715	0.0351	0.538084	-1.85805	0.0035	0.672455	-1.48702	0.0185255	1.48703	1.48703	0.0155	0.164469	0.891673	-1.12125	0.0044186	0.145789	6.857277	6.857277	0.0035	1.15809	1.15809	0.029622	0.967344	-1.03376	1.94971	4.19844	1.98865	1
cg06117133	CTRL	0.179915	0.208231	0.789075	-1.26731	0.495661	0.883803	-1.13147	0.0498713	0.630756	-1.49086	0.725668	0.939036	-1.06492	0.0559883	0.679416	-1.47185		0.592964	0.908157	-1.10113	0.110866	1.36363	1.36363	0.381118	0.851807	-1.17397	0.166291	0.768327	-1.30153	1.94969	0.984385	0.448794	1
cg14159849	COL15A1	0.179918	0.122343	1.46604	1.46604	0.163559	0.713403	-1.40173	0.322496	0.793786	-1.25979	0.0600344	1.62602	1.62602	0.889743	1.03168	1.03168		0.998015	1.00031	1.00031	0.9801922	1.53308	1.53308	0.379461	1.01858	1.01858	0.979401	1.28394	1.28394	1.94969	1.06455	1.03894	0.607004	1
cg00227578	RAI14;RAI14;RAI14	0.179922	0.139226	0.713178	-1.40217	0.447883	0.848495	-1.17856	0.944901	0.988635	-1.01355	0.991205	0.997662	-1.00234	0.0986938	0.680735	1.469		0.150632	1.38709	1.38709	0.0226736	0.560185	-1.78511	0.54261	0.877299	-1.13986	0.336153	0.810062	-1.23447	1.94965	1.39304	0.63512	1
cg08925223	TGFBI	0.179925	0.0469755	0.349645	-2.86004	0.136093	0.476038	-2.10067	0.0686391	0.388884	-2.56486	0.547123	0.754592	-1.32522	0.096962	0.430873	-2.32087		0.119088	0.457601	-2.18531	0.253309	0.576159	-1.73563	0.0408209	0.335832	-2.97768	0.210897	0.543779	-1.83898	0.94963	0.59494	3.00681	1
cg00685098	PSMG5	0.179926	0.750463	1.13402	1.13402	0.4278575	1.04825	1.04825	0.955268	1.00539	1.00539	0.167904	0.863845	-1.15841	0.0127156	0.782833	-1.27741		0.462894	1.07607	1.07607	0.946309	0.97975	-1.02102	0.0506177	2.0839	2.0839	0.476475	1.29654	1.29654	1.94963	2.12454	0.135195	1
cg07189550	TOR1AIP1	0.179928	0.158404	1.37614	1.37614	0.835192	1.0451	1.0451	0.598814	1.11898	1.11898	0.0208909	1.80155	1.80155	0.142828	1.39585	1.39585		0.070997	1.53284	1.53284	0.215166	1.30145	1.30145	0.519226	0.870784	-1.14839	0.637951	0.904505	-1.10558	1.94962	1.38457	0.631268	1
cg24960158	MINA;MINA;MINA;MINA;MINA	0.179929	0.234212	0.788	-1.26879	0.0883823	0.812448	1.23145	0.0003753	0.727217	-1.37557	0.108075	0.742319	-1.34703	0.463139	0.779365	-1.28306		0.722117	0.853477	-1.17168	0.325155	0.623736	-1.56897	0.0824155	0.707123	-1.41396	0.0906142	0.675204	1.725123	-1.39167	0.0906142	0.675204	1.94962	1.37908	0.631268	1
cg21400200	ZNF148	0.179934	0.0545749	0.629898	-1.58756	0.456395	0.851487	-1.17442	0.359116	0.818851	-1.22122	0.918279	0.978481	-1.02199	0.774985	0.941062	-1.06263		0.0958918	0.678677	-1.47346	0.0471633	1.61835	1.61835	0.65613	1.09964	1.09964	0.370562	0.82293	-1.21517	1.94958	1.38707	0.632419	1
cg21802726	EDEM2;EDEM2;EDEM2	0.179942	0.43997	1.27628	1.27628	0.085705	1.80095	1.80095	0.294164	1.40077	1.40077	0.0425898	0.485222	-2.06091	0.197944	1.52422	1.52422		0.110407	1.71405	1.71405	0.759669	1.0997	1.0997	0.716539	0.8932	-1.11957	0.625604	1.16452	1.16452	1.94955	2.96231	1.35066	1
cg06947694	TNNC1;B	0.179947	0.627497	1.23804	1.23804	0.2469588	0.807453	1.23804	0.0001715	0.727176	-1.37566	0.108184	0.742319	-1.34703	0.463139	0.779365	-1.28306		0.722117	0.853477	-1.17168	0.325155	0.623736	-1.56897	0.0824155	0.707123	-1.41396	0.0906142	0.675204	1.725123	-1.39167	0.0906142	0.675204	1.94955	1.38457	0.631268	1
cg03531257	CCKBR	0.179943	0.515484	0.829705	-1.20525	0.63643	1.14431	1.14431	0.570547	1.1762	1.1762	0.382363	1.28804	1.28804	0.325953	0.750414	-1.3326		0.962646	1.01335	1.01335	0.0130627	0.418256	-2.39088	0.404444	1.27317	1.27317	0.200997	1.4657	1.4657	1.94954	2.47467	1.12832	1
cg34794734	AGL;AGL;AGL;AGL;AGL;AGL;AGL;AGL	0.179945	0.39588	0.786567	-1.27181	0.3746001	0.985506	1.02151	0.0270766	0.58104	1.58104	0.272828	0.820663	-1.21854	0.0405988	0.48104	1.49181	0.4181	0.0911555	0.140861	-7.09925	0.0133585	0.0975	-10.2535	0.0238345	1.88352	1.88352	0.0244417	4.94557	4.94557	1.94954	10.3332	4.71051	1
cg22976585	C2orf57;C2orf57	0.179947	0.299528	0.808933	-1.23482	0.133851	0.7282	-1.37325	0.12856	0.726513	-1.38024	0.0402233	0.628147	-1.59198	0.145345	0.735896	1.35889		0.95709	0.9895	-1.01061	0.112281	1.40382	1.40382	0.636703	0.910888	-1.09783	0.800825	0.951618	1.05084	1.94952	1.1883	0.541809	1
cg00256932	MAPK8IP2;MAPK8IP2	0.17995	0.345588	0.551871	-1.81202	0.568841	0.703002	-1.42247	0.0347343	0.50996	1.50996	0.844522	0.886783	-1.12767	0.0289428	0.20682	-4.83511		0.800959	1.16718	1.16718	0.529374	1.47688	1.47688	0.638307	0.748457	-1.33608	0.548048	0.689374	-1.45059	1.9495	11.5626	5.27205	1
cg00435502	ADAM9;ADAM9;ADAM9	0.179948	0.548184	0.913286	-1.09496	0.877859	1.12322	1.12322	0.551174	1.12812	1.12812	0.941937	0.951869	-1.05056	0.8412345	0.744937	1.34163		0.857063	0.975445	-1.02536	0.0253436	0.67319	-1.48547	0.0463437	0.711283	-1.40591	0.242943	0.886557	-1.12796	1.9495	0.888056	0.313716	1
cg19113599	3;TTC23	0.179955	0.175459	0.724692	-1.3799	0.714692	1.08552	1.08552	0.0663459	0.63113	-1.58446	0.695028	1.09205	1.09205	0.488268	0.85439	-1.17043		0.851001	0.958843	-1.04292	0.037784	0.583666	-1.71331	0.414312	1.20549	1.20549	0.702241	0.636141	-1.57198	1.94947	1.54228	0.703224	1
cg01911472	TBL1Y;TBL1Y;TBL1Y	0.179956	0.385928	0.336111	-2.97521	0.864443	0.810906	-1.23319	0.831861	0.770428	-1.29798	0.174389	0.169943	-5.88431	0.0142585	0.0245303	-40.7658		0.251712	4.34433	4.34433	0.691655	1.63069	1.63069	0.995458	0.993042	-1.00701	0.107206	0.11568	-8.6445	1.94947	46.4589	21.1836	1
cg24715245	UCHL1	0.179958	0.110068	1.24944	1.24944	0.617889	1.10662	1.10662	0.242754	1.16919	1.16919	0.66196	1.05786	1.05786	0.507521	1.08927	1.08927		0.984102	1.00255	1.00255	0.021829	0.703307	-1.42185	0.474254	0.911146	-1.09752	0.272287	0.864062	-1.15732	1.94945	0.504789	0.230168	1
cg08331513	N1C;CDKN1C	0.179961	0.659807	1.18305	1.18305	0.0753175	2.12051	2.12051	0.127265	1.87011	1.87011	0.0278592	0.372853	-2.68202	0.559936	0.799151	-1.25076		0.572927	0.805549	-1.24139	0.883976	0.94608	-1.05699	0.507785	1.29052	1.29052	0.739517	0.883032	-1.13503	1.94944	4.44866	2.02846	1
cg05362669	PTPN1;PTPN1	0.179962	0.182192	1.89855	1.89855	0.190487	1.14644	1.14644	0.205041	1.10425	1.10425	0.574494	0.888405	-1.12574	0.0944482	1.40858			0.103193	1.15877	1.15877	0.464852	0.99533	-1.00469	0.938011	0.956152	-1.03996	0.038371	1.21942	1.21942	1.94943	0.8502	0.590298	1
cg02398342	TBCD;FN3K	0.179964	0.340214	2.03144	2.03144	0.60213	1.46123	1.46123	0.134027	3.20654	3.20654	0.417171	1.81825	1.81825	0.250313	2.3778	2.3778		0.0852086	2.253553	-3.94395	0.0355729	5.83657	5.83657	0.1778	2.8083	2.8083	0.401353	1.85774	1.85774	1.94942	16.0526	7.3196	1
cg22698272	HLX	0.179965	0.356921	1.2163	1.2163

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
2000121199	ANG,RNASE4	0.180077	0.726328	0.961308	0.04025	1.102835	0.12191	1.221991	0.651792	0.950266	0.105234	0.916324	0.10187	1.011087	0.0922702	1.23132	0.698247	1.04504	1.04504	0.217713	1.15675	1.15675	0.0346387	0.758426	1.31852	0.528955	1.07426	1.07426	1.94881	0.38821	0.177526	1
ch.6.62654	LRRC16A	0.180078	0.15701	0.573275	-1.74436	0.355387	0.7050054	-1.41833	0.0267076	0.38093	-2.62516	0.105807	0.522339	-1.91447	0.533623	0.793137	-1.26282	0.502568	0.779963	-1.28211	0.0253042	0.127202	-2.658	0.118381	0.53621	-1.86494	0.363961	0.70967	-1.40911	1.9488	4.17088	1.90243	1
cg01386080	DDR1;DDR1;DDR1	0.180079	0.282719	1.14983	1.14983	0.536787	0.924751	-1.08137	0.289553	1.1474	1.1474	0.170597	1.20024	1.20024	0.727176	1.04478	1.04478	0.0082461	1.52594	1.52594	0.346949	1.12878	1.12878	0.557271	0.928447	-1.07707	0.818936	1.02909	1.02909	1.9488	0.482854	0.22024	1
cg05745598	LNPEP	0.180085	0.0484065	0.72824	-1.37317	0.831259	1.030451	1.030451	0.348704	1.14533	1.1491	0.170766	0.664478	-1.50494	0.70487	1.05497	1.05497	0.2794643	0.853759	-1.17125	0.5004414	0.9083	-1.10096	0.753924	0.950744	-1.04521	0.843141	1.02825	1.02825	1.94876	0.630311	0.278381	1
cg03732775	EGR3	0.180086	0.405154	1.36402	1.36402	0.0469672	0.436577	-2.29055	0.613941	0.830773	-1.2037	0.257851	1.5378	1.5378	0.611666	1.20516	1.20516	0.07009552	2.0919	2.0919	1.880953	1.66052	1.66052	0.285189	0.667247	-1.4987	0.916422	1.039	1.039	1.94876	4.10009	1.87018	1
cg20163532	VEZF1	0.180086	0.965052	1.00781	1.00781	0.113311	1.3336	1.3336	0.488492	1.13438	1.13438	0.0559481	1.459063	1.459063	0.736558	1.06182	1.06182	0.3799911	1.17355	1.17355	0.6147355	1.09436	1.09436	0.0322431	0.6404968	-1.56136	0.350773	1.18605	1.18605	1.94875	0.974242	0.444383	1
cg22481405	BA11	0.18009	0.249489	1.6188	1.6188	0.0301818	2.773661	2.773661	0.149143	1.85728	1.85728	0.109027	2.012631	2.012631	0.565623	1.26166	1.26166	0.0333151	2.70607	2.70607	0.7653	1.12729	1.12729	0.756821	1.13237	1.13237	0.0873578	2.12837	2.12837	1.94873	4.94343	2.25488	1
cg02364610	CRYBB1	0.180094	0.0714479	0.693304	-1.44237	0.762313	1.0611	1.0611	0.191805	1.20634	1.20634	0.392053	1.1729	1.1729	0.879282	1.02803	1.02803	0.6715	0.925256	-1.08074	0.4918895	0.8801302	-1.13468	0.8109424	1.57354	1.57354	0.137914	1.53716	1.53716	1.94871	1.02089	0.4656668	1
cg11656852	KIAA2022	0.180094	0.633904	1.42892	1.42892	0.244036	0.403852	-2.47616	0.4140341	0.554452	-1.87073	0.318716	1.61249	1.61249	0.538281	1.28503	1.28503	0.0471865	2.11925	2.11925	0.7981	1.29249	1.29249	0.0576365	0.9384	1.4398	0.0891879	1.43248	1.43248	1.94871	17.0803	7.79104	1
cg26093148	TNRC4	0.180094	0.93941	1.02107	1.02107	0.0591097	0.557348	-1.79421	0.227018	1.4161	1.4161	0.18292	1.47353	1.47353	0.940569	1.02066	1.02066	0.879849	1.04236	1.04236	0.0286552	0.492582	-2.03012	0.760179	1.08761	1.08761	0.860064	0.952749	-1.04959	1.94871	2.3222	1.05925	1
cg22154933	TMEM132A;TMEM132A	0.180096	0.626808	1.09135	1.09135	0.197634	2.1684	2.1684	0.0113534	2.0728	2.0728	0.0681796	2.1948661	2.1948661	0.115159	1.51315	1.51315	0.664269	1.16122	1.16122	0.0660828	2.166271	2.166271	0.183251	1.044714	1.05852	1.0487	3.61562	1.64924	1.05159	0.883138	1.94874	1.54825	1.64924	1
cg15001381	ARL15,LAIN1	0.180098	0.907878	0.918762	-1.08842	0.316939	2.1324	2.1324	0.30689	2.16895	2.16895	0.0121944	9.83651	9.83651	0.762519	0.8010556	1.24835	0.466138	1.72089	1.72089	0.589527	1.48986	1.48986	0.0340048	0.11851	6.11851	0.404021	1.86823	1.86823	1.94869	16.5347	7.54225	1
cg09941266	C2NF200	0.180099	0.15077	0.733848	-1.36268	0.206206	1.30727	1.30727	0.967655	1.00818	1.00818	0.886571	1.0291	1.0291	0.112527	0.706681	-1.41507	0.244088	0.782784	-1.27749	0.6196	0.904327	-1.10579	0.0652576	0.659754	-1.51572	0.140012	1.37586	1.37586	1.94869	1.24633	0.568512	1
cg01472790	CDX17;CDX17	0.180103	0.139524	0.754732	-1.32497	0.0639336	1.44557	1.44557	0.904603	1.02143	1.02143	0.647549	1.08487	1.08487	0.939658	1.01349	1.01349	0.640028	1.08693	1.08693	0.788098	0.95362	-1.04864	0.0326837	0.628046	-1.59224	0.46789	1.13964	1.13964	1.94866	0.966554	0.440897	1
cg08728865	NLRP7;NLRP7;NLRP7	0.180104	0.663643	0.607803	-1.49745	0.534074	0.516762	-1.86302	0.139646	0.230692	-4.33479	0.514359	0.541223	1.84859	0.40068	0.452142	2.21659	0.153308	0.483082	-2.07004	0.1948142	0.4621382	-2.16271	0.833311	1.10609	1.10609	0.252585	0.564518	-1.77342	1.94863	7.0651	3.22281	1
cg21114390	SPRS12;SPRS12	0.180109	0.417309	1.90059	1.90059	0.730958	1.30657	1.30657	0.51656	1.66449	1.66449	0.0444064	0.167193	-5.9811	0.479629	1.74405	1.74405	0.398788	1.95277	1.95277	0.0317135	0.142156	-7.03454	0.534002	0.613878	-1.62899	0.546546	1.60434	1.60434	1.94863	18.5228	8.44938	1
cg03724350	ANAPC7;ANAPC7	0.18011	0.648483	0.915176	-1.07045	0.399444	1.28564	1.28564	0.0113534	1.24884	1.24884	0.0905245	1.33377	1.33377	0.347487	0.892438	1.12112	0.8857967	0.745865	-1.34073	0.275079	0.839556	-1.19199	0.1301241	1.52271	1.52271	0.0405921	1.02571	1.02571	1.94863	0.739996	0.335733	1
cg00810483	RGS12;RGS12;RGS12	0.180111	0.363685	1.30957	1.30957	0.0953749	1.69781	1.69781	0.116092	0.610547	-1.63787	0.582721	0.851882	-1.17387	0.644225	1.25275	1.25275	0.0338472	2.0458	2.0458	0.624733	1.15307	1.15307	0.469322	1.220551	1.220551	0.164037	1.53575	1.53575	1.94862	2.57509	1.17507	1
cg08850598	LOC148096	0.180113	0.407005	1.37255	1.37255	0.535494	2.34375	2.34375	0.0113534	2.31196	2.31196	0.0143956	3.43956	3.43956	0.700266	1.13196	1.13196	0.0782376	2.36172	2.36172	0.908172	1.10111	1.10111	0.0833377	0.8807307	-1.23869	0.957117	1.03738	1.03738	1.94862	0.34869	0.144544	1
cg02155655	SLC1A7	0.180113	0.494203	0.896236	-1.11578	0.729875	1.07964	1.07964	0.565357	0.91237	-1.09605	0.665825	0.933731	-1.07097	0.901252	0.980602	-1.01978	0.812379	0.963173	-1.03824	0.012539	1.63236	1.63236	0.65828	0.932169	-1.07277	0.0821009	0.737881	-1.35523	1.94861	1.7685512	0.350569	1
cg08729447	DSCAM	0.180114	0.265289	1.96738	1.96738	0.224922	2.11127	2.11127	0.270531	1.95174	1.95174	0.344278	1.76447	1.76447	0.0155952	0.200128	-4.99679	0.156304	2.04206	2.04206	0.599191	1.36224	1.36224	0.790404	1.16798	1.16798	0.749443	0.829634	-1.20535	1.9486	10.486	4.78335	1
cg19368225	PTPRN2;PTPRN2;PTPRN2	0.180115	0.586369	0.818239	-1.22239	0.157407	1.80669	1.80669	0.178937	1.49526	1.49526	0.0140258	3.86241	3.86241	0.215355	0.678135	-1.66129	0.231399	0.64242	-1.55649	0.0178173	1.73449	1.73449	0.9959	0.144281	-1.54856	0.0158534	0.669093	-1.44281	1.9486	4.65271	1.23242	1
cg14525610	SLCO1C1;SLCO1C1;SLCO1C1;SLCO1C1	0.180115	0.339543	2.41766	2.41766	0.605718	1.59518	1.59518	0.946525	1.062	1.062	0.278353	2.74806	2.74806	0.610087	1.58603	1.58603	0.0677167	6.26742	6.26742	0.0405489	8.34059	8.34059	0.0380217	8.64521	8.64521	0.0543058	7.08827	7.08827	1.9486	24.8213	11.3227	1
cg04092699	LRRTM4	0.180122	0.507652	1.17674	1.17674	0.994634	0.998373	-1.00163	0.176868	0.706394	-1.41565	0.813625	1.05885	1.05885	0.471288	1.19416	1.19416	0.0341597	5.049622	-1.81943	0.204092	1.38239	1.38239	0.113733	1.51692	1.51692	0.322641	1.28067	1.28067	1.94857	1.80941	0.825409	1
cg07124520	LRG1;LRG3	0.180122	0.193622	0.833402	-1.1999	0.216518	0.841728	-1.18803	0.50162	0.914536	-1.09345	0.610749	1.07038	1.07038	0.307252	0.869328	-1.15031	0.763176	0.960753	-1.04085	0.31572	0.871587	-1.14733	0.378288	1.12723	1.12723	0.021902	1.43958	1.43958	1.94856	0.541723	0.247122	1
cg05029567	GRPR1;2	0.180124	0.636882	0.8025	-1.24626	0.0855744	1.78852	1.78852	0.152454	1.42619	-1.44672	0.133659	1.36928	1.36928	0.0973304	1.0936	1.0936	0.722429	1.08903	1.08903	0.4044384	1.201362	1.201362	0.0306	0.6632202	-1.58177	0.474051	1.08115	1.08115	1.94856	1.8049	0.804963	1
cg13975062	KIAA1524;DZIP3;KIAA1524	0.180125	0.152078	1.15466	1.15466	0.549714	0.949915	-1.0583	0.697896	0.964141	-1.03719	0.472031	1.07088	1.07088	0.0854056	1.19484	1.19484	0.0607715	2.1883	2.21883	0.089145	0.839041	-1.19184	0.634136	0.95611	-1.04591	0.625489	1.04713	1.04713	1.94854	0.27045	0.123374	1
cg00076927	ZDHHC14;ZDHHC14	0.180126	0.213251	1.33855	1.33855	0.329964	0.38514	-2.5965	0.163852	0.65892	-1.97339	0.265584	0.897239	0.897239	0.0118164	0.564299	1.77161	0.1568867	2.65657	2.65657	0.0201485	0.340893	-2.93349	0.607993	0.742622	-1.34676	0.103708	0.959623	0.959623	1.94854	0.645308	0.295468	1
cg14472716	RXRA	0.18013	0.0988471	0.343756	-2.90904	0.0494994	0.266461	-3.75289	0.30227	0.532281	-1.87871	0.82337	0.876414	-1.14101	0.41423	0.167907	5.95568	0.6617555	0.771233	-1.29662	0.303784	0.533406	-1.87474	0.341814	0.561046	-1.78239	0.142404	0.39437	-2.53569	1.94851	10.7449	4.9017	1
cg24665113	DTNB;DTNB;DTNB;DTNB;DTNB	0.180132	0.654009	0.255722	-3.91049	0.0287237	0.200172	-4.99571	0.555578	0.688557	-1.45021	0.519244	1.50284	1.50284	0.343747	0.23491	-4.25696	0.219098	0.446724	-2.23852	0.408304	0.590186	-1.69438	0.45333	0.621091	-1.61007	0.143078	0.607272	-1.64671	1.9485	11.9962	5.47256	1
cg07380705	CRHBP	0.180133	0.601955	1.20822	1.20822	0.3745	1.02501	1.02501	0.0764259	1.51911	1.51911	0.0750511	1.92921	1.92921	0.454289	1.11633	1.11633	0.5838648	1.18519	1.18519	0.0813758	1.41114	1.41114	0.0313358	1.4011	1.4011	0.162599	1.806355	1.806355	1.24015	1.9485	0.643301	0.293468	1
cg03207667	INPP5A	0.180134	0.565433	0.701782	-1.42494	0.0781374	1.29654	1.29654	0.0564556	3.72939	3.72939	0.0952398	3.05633	3.05633	0.731427	0.8105596	-1.23366	0.392691	0.586447	-1.70518	0.7737	1.19209	1.19209	0.0698111	3.44091	3.44091	0.622105	1.35362	1.35362	1.9485	11.4631	5.22936	1
cg08337394	SIDS1	0.180135	0.861403	0.93801	-1.06596	0.715778	0.929358	-1.08152	0.995911	1.00188	1.00188	0.501613	1.180347	1.180347	0.184202	1.38073	1.38073	0.6688444	1.08891	1.08891	0.0809197	2.17795	2.17795	0.0542618	1.4849	1.4849	0.0607437	1.11927	1.11927	1.94849	1.64997	0.677437	1
cg05711842	TRPS1	0.180137	0.0939916	0.347626	-2.87665	0.202487	0.550689	-1.81591	0.103236	0.45376	-2.20381	0.126154	0.480142	-2.08272	0.303807	0.623627	1.60352	0.183215	0.53466	-1.87035	0.0412901	0.352163	-2.83959	0.685906	0.835051	-1.19753	0.0676742	0.403662	-2.47732	1.94848	5.06629	2.76742	1
cg12477050	ATP10B	0.180138	0.0406272	0.310135	-3.22441	0.75749	1.16578	1.16578	0.172889	0.487569	-2.05099	0.224481	0.531572	-1.88121	0.0200299	2.49141	0.4143	0.270064	0.566227	-1.76608	0.159521	0.475091	-2.10486	0.335132	0.611249	-1.636	0.215465	0.524306	-1.90728	1.94847	7.56883	3.45288	1
cg24337138	SYDE1	0.180141	0.0614427	0.393855	-2.53801	0.0709034	0.284834	-3.51441	0.0764242	0.407652	-2.45275	0.0976554	0.360147	-2.77535	0.0764242	0.410475	2.43725	0.1363917	0.450527	-2.21914	0.0276252	0.314623	-3.18073	0.1388	0.2965202	-3.37174	0.0332418	0.2981	-3.35497	1.94847	0.6774317	1.11927	1.11927	1.94849	0.677437	1
cg24187505	LOC15908;DOCK6	0.18014	0.730641	0.791277	-1.26378	0.436405	0.584003	-1.71232	0.0919209	0.284544	-3.51439	0.736818	1.25668	1.25668	0.0280155	0.172346	5.80228	0.509805	0.635762	-1.57291	0.03016	0.178696	-5.59611	0.693989	0.726731	-1.37603	0.113818	0.311797	-3.20721	1.94846	14.1608	6.46015	1
cg12025996	FAM131B;FAM131B	0.180141	0.631795	1.19355	1.19355	0.557857	1.14222	1.14222	0.0113534	1.23923	1.23923	0.0113534	1.49263	1.49263	0.0113534	1.22662	1.22662	0.6996623	1.29511	1.29511	0.673104	1.09053	1.09053	0.673104	0.6960512	1.43705	0.673104	0.6960512	1.43705	0.673104	0.6960512	1.43705	1.94844	0.0113534	88.0881	45.2488	1
cg00236141	MAD1L1;MAD1L1;MAD1L1	0.180149	0.478023	1.1036	1.1036	0.406861	0.890518	-1.12294	0.19431	1.20641	1.20641	0.935065	0.988926	-1.0112	0.863634	0.976782	-1.02377	0.0200065	1.46758	1.46758	0.064757	1.32774	1.32774	0.38473	0.883536	-1.12952	0.497854	1.09861	1.09861	1.94841	0.57629	0.26291	1
cg03439738	DIO3	0.180151	0.0614427	0.393855	-2.53801	0.0709034	0.284834	-3.51441	0.0764242	0.407652	-2.45275	0.0976554	0.360147	-2.77535	0.0764242	0.410475	2.43725	0.1363917	0.450527	-2.21914	0.0276252	0.314623	-3.18073	0.1388	0.2965202	-3.37174	0.0332418	0.2981	-3.35497	1.94841	0.6774317	1.11927	1.11927	1.94849	0.677437	1
cg21487505	LOC15908;DOCK6	0.18014	0.730641	0.791277	-1.26378	0.436405	0.584003	-1.71232	0.0919209	0.284544	-3.51439	0.736818	1.25668	1.25668	0.0280155	0.172346	5.80228	0.509805	0.635762	-1.57291	0.03016	0.178696	-5.59611	0.693989	0.726731	-1.37603	0.113818	0.311797	-3.20721	1.94846	14.1608	6.46015	1
cg10205996	FAM131B;FAM131B	0.180141	0.631795	1.19355	1.19355	0.557857	1.14222	1.14222	0.0113534	1.23923	1.23923	0.0113534	1.49263	1.49263	0.0113534	1.22662	1.22662	0.6996623	1.29511	1.29511	0.673104	1.09053	1.09053	0.673104	0.6960512	1.43705	0.673104	0.6960512	1.43705	0.673104	0.6960512	1.43705	1.94844	0.0113534	88.0881	45.2488	1
cg00236141	MAD1L1;MAD1L1;MAD1L1	0.180149	0.478023	1.1036	1.1036	0.406861	0.890518	-1.12294	0.19431	1.20641	1.20641	0.935065	0.988926	-1.0112	0.863634	0.976782	-1.02377	0.0200065	1.46758	1.46758	0.064757	1.32774	1.32774	0.38473	0.883536	-1.12952	0.497854	1.09861	1.09861	1.94841	0.57629	0.26291	1
cg05768989	DUSP6;DUSP6	0.180151	0.243532	0.542161	-1.84407	0.144744	0.192196	-3.11336	0.96197	0.980707	-1.01958	0.979918	0.01271	1.01271	0.0224329	0.893207	-1.11946	0.162521	2.11286	2.11286	0.0479447	0.7426407	1.34639	0.473525	0.2486107	-4.48517	0.0246664	0.329127	-3.03837	1.94839	0.7425911	1.54825	0.642989	1.94839	0.415547	1
cg04487600	KIAA1026;KIAA1026	0.180155	0.934075	1.02154	1.02154	0.197348	0.703994	-1.42047	0.455388	0.836695	-1.19518	0.580481	0.859451	-1.16353	0.512354	0.822063	-1.21627	0.1769519	-1.29939	0.1412287	2.23741	2.23741	0.500878	1.19239	0.1459327	6.855316	0.0175154	0.1438	0.9092462	1.94839	0.2933845	0.193845	1
cg08535928	LOC149134	0.180156	0.353113	2.54964	2.54964	0.6234403	7.80838	7.80838	0.578869	0.577228	-1.73242	0.538315	0.543164	-1.84106	0.139341	0.210464	-4.7514	0.769247	1.33398	1.33398	0.321355	0.3665545	-2.72818	0.230755	3.42647	3.42647	0.0730354	7.08931	7.08931	1.94837	29.6111	13.5092	1
cg25849426	MICAL2	0.180157	0.478161	1.09035	1.09035	0.156681	0.856821	-1.16712	0.707293	1.07965	-1.16588	0.833775	0.85732	-1.16675	0.708582	0.85732	-1.16595	0.0809249	0.465767	-2.147	0.6513	0.7316166	-1.36684	0.0090629	0.5534	-1.80756	0.779423	0.8015568	-1.24782	1.94837	0.156251	0.3534	1
cg11571585	GSX1	0.180161	0.0472459	0.16089	1.61089	0.361954	0.821356	-1.2175	0.902171	0.974505	-1.02616	0.867944	1.03557	1.03557	0.0616757	0.642739	-1.55584	0.10867	1.69249	-1.44409	0.812436	0.9513103	-1.05119	0.385938	0.829721	-1.20522	0.378097	1.20916	1.20916	1.94835	1.36102	0.620936	1
cg08447234	LRP6	0.180162	0.933707	0.985187	-1.01504	0.394666	1.16953	1.16953	0.0417999	1.52414	1.52414	0.994479	0.998761	-1.00124	0.468282	0.876935	-1.14154	0.940839	1.1455	1.01134	0.1642852	1.36569	1.36569	0.0957096	1.3885	1.3885	0.0320858	1.56616	1.56616	1.94834	0.993926	0.453048	1
cg08086728	DAB2IP	0.180163	0.557221	1.12373	1.12373	0.127844	1.75051	1.75051	0.0344507	2.15256	2.15256	0.0848784	1.59184	1.59184	0.462727	0.784557	-1.27461	0.850846	0.937982	-1.06612	0.376507	0.734627	-1.36123	0.2953302	0.6293134	-1.44648	0.714393	1.88248	1.88248	1.94834	3.56940	1.62851	1
cg01228667	GPR101	0.180163	0.241251	0.354136	-2.82377	0.791981	1.25066	1.25066	0.554714	1.63802	1.63802	0.0694193	5.57738	5.57738	0.54428	7.06524	7.06524	0.102769	0.220782	-4.52935	0.552962	0.601748	-1.66183	0.757647	1.29942	1.29942	0.903933	1.10758	1.10758	1.94833	22.0965	10.0811	1
cg20710824	FOXC2	0.180165	0.160967	0.73015	1.36967	0.0776307	1.0595	1.0595	0.0113534	1.29276	1.29276	0.0113534	1.62213	1.62213	0.0113534	1.27706	1.27706	0.6988725	1.32213	1.32213	0.6743107	1.12705	1.12705	0.6743107	0.7255542	1.32563	0.6743107	0.7255542	1.32563	0.6743107	0.7255542	1.32563	1.94833	0.0113534	88.0881	45.2488	1
cg16505957	RBBP6;RBBP6;RBBP6	0.180167	0.205617	0.863436	-1.15816	0.0129937	1.40348	1.40348	0.214227	1.15465	1.15465	0.841689	0.978249	-1.02223	0.270247	1.13455	1.13455	0.182309	1.16842	1.16842	0.764302	0.9674473	-1.03362	0.801964	1.02802	1.02802	0.839398	1.02257	1.02257	1.94832	0.373145	0.170242	1
cg13006718	INO80C;INO80C	0.180172	0.699953	0.871807	-1.14704	0.660395	0.855016	-1.16957	0.893251	1.04871	1.04871	0.979494	1.00915	1.00915	0.609776	1.11443	1.11443	0.7570098	0.8048747	1.24207	0.356597	1.73708	1.73708	0.0249664	1.21661	1.21661	0.0349472	1.05974	1.05974	1.94832	0.532247	0.252122	0.1943	0.087265	1.94832	0.176985	1
cg03982544	PLEKHA7	0.180174	0.248554	1.29425	1.29425	0.925833	1.02011	1.02011	0.751965	1.07015	1.07015	0.786744	0.943662	-1.0597	0.0206055	0.550844	-1.8154	0.133746	1.707622	-1.41318	0.8886802	1.03037	1.03037	0.0678853	0.645775	-1.54853	0.621817	0.896617	1.1153	1.94828	1.41102	0.643768	1
cg08246366	PTPRN2;PTPRN2;PTPRN2	0.180176	0.997337	1.0011	1.0011	0.00770853	3.09148	3.09148	0.469583	1.2745	1.2745	0.80066	0.919972	-1.08699	0.863438	0.945186	-1.05799	0.129228	1.71681	1.71681	0.160092	1.64019	1.64019	0.710666	1.13071	1.13071	0.772537	0.90887	-1.10027	1.94826	3.35382	1.53017	1
cg27388462	POU5F1	0.180176	0.2634	1.70034	1.70034	0.0479145	2.8001	2.8001	0.315222	1.66451	1.66451	0.322011	1.59328	1.59328	0.264464	1.69817	1.69817	0.0669703	2.547	2.547	0.0311931	1.16195	1.16195	0.0822693	2.40233	2.40233	0.124841	2.1307	2.1307	1.94826	6.39625	2.91827	1
cg24534173	SPATA22;SPATA22;SPATA22;

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Probeset ID	UCSC_REFGENE_NAME ATP6V1H,ATP6V1H,ATP6V1H,ATP6V1H,ATP6V1H,ATP6V1H,ATP6V1H	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Error)	SS(Test)	SS(Error)	F(Error)
cg02708898	ATP6V1H	0.180393	0.150821	0.720231	-1.38844	0.630542	0.901862	-1.10882	0.402817	0.833194	-1.2002	0.869564	1.03565	1.03565	0.087506	0.670163	-1.49217	0.620287	1.11233	1.11233	0.0313348	0.583722	-1.71314	0.874966	1.03413	1.03413	0.135968	1.40841	1.40841	1.40841	0.7408	1.401	0.639589	1
cg02534459	CEP135 PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4	0.180395	0.135902	0.319852	-3.12645	0.213556	0.394926	-2.53212	0.214939	0.396149	-2.5243	0.636309	0.713285	-1.40196	0.0246078	0.149758	-6.67742	0.259358	0.434026	-2.30401	0.0222323	0.143131	-6.98661	0.691713	0.753738	-1.32672	0.20279	0.385297	-2.5954	1.94707	0.7405	15.5157	7.08332	1
cg04909945	PLEKHG4;PLEKHG4	0.180395	0.0636308	0.363935	-2.74774	0.164673	0.48745	-2.05149	0.767165	0.865921	-1.15484	0.453489	1.44794	1.44794	0.0570035	0.35207	-2.84034	0.0921715	0.407169	-2.45599	0.056926	0.351926	-2.84151	0.50365	0.719669	-1.38953	0.293544	0.591222	-1.69141	1.94707	0.7454	3.30773	1
cg03075819	UNC5	0.180398	0.915124	1.04266	1.04266	0.331782	1.48044	1.48044	0.370974	0.937706	-1.43327	0.488775	1.31727	1.31727	0.0961235	0.488711	-2.0462	0.424703	1.37636	1.37636	0.0218412	0.347621	-2.8767	0.936127	0.960683	-1.0319	0.159817	0.555144	-1.80134	1.94705	0.4734	2.16144	1
cg02616808	UNC5A	0.180399	0.233942	0.634151	-1.57691	0.111501	1.88274	1.88274	0.0229331	2.69994	2.69994	0.694508	1.15497	1.15497	0.288891	0.669079	-1.49459	0.83869	1.07724	1.07724	0.263917	0.653723	-1.5297	0.878533	0.945706	-1.05741	0.617215	1.20481	1.20481	1.94705	0.4045	4.10853	1.87568	1
cg14355939	ADAMTSL2;ADAM4TSL2	0.180403	0.977188	1.04829	1.04829	0.991551	1.00332	1.00332	0.101756	1.73059	1.73059	0.0763308	1.82884	1.82884	0.0416669	0.483262	-2.06929	0.29341	1.39609	1.39609	0.0153265	0.16781	-5.96382	0.994656	0.967911	-1.03225	0.668807	0.876561	-1.14082	1.94702	0.2902	5.31951	1
cg07538348	HMGA2;HMGA2	0.180405	0.860805	0.966442	-1.03472	0.602626	0.949852	-1.05301	0.321353	0.722922	-1.38328	0.852763	0.830305	-1.20438	0.427805	0.854348	-1.17048	0.837661	1.04071	1.04071	0.0175783	0.75398	1.75398	0.889385	0.973299	-1.02743	0.84124	1.03978	1.03978	1.94702	0.1663	5.532482	1
cg17849972	MYOG	0.180406	0.0403164	0.609973	-1.63942	0.0578689	0.639227	-1.56439	0.800593	0.948553	-1.05424	0.851764	1.03981	1.03981	0.526151	0.87455	-1.14345	0.99371	0.998356	-1.00165	0.0769357	1.50754	1.50754	0.261784	0.783323	-1.27661	0.883809	0.969943	-1.03099	1.94701	1.343	0.613132	1
cg23614795	ACSS3	0.180408	0.9306514	0.9381447	-1.06596	0.613376	1.62043	1.62043	0.131475	1.731084	1.31481	1.31481	0.122591	1.70907	0.0824907	0.453007	2.20796	0.370762	0.509721	-1.96166	0.4486333	0.955568	1.07907	1.07907	0.758095	1.25432	1.25432	1.00387518	1.01033	1.947	16.578	7.56858	1
cg19306474	PFKFB3;PFKFB3	0.18041	0.101893	0.695602	-1.4376	0.511604	0.873757	-1.14448	0.680416	0.85178	1.08759	0.610348	1.1098	1.1098	0.0339699	0.605439	-1.65169	0.638956	0.90865	-1.10053	0.130288	1.39274	1.39274	0.107406	0.601093	1.11287	1.11287	0.242286	0.28157	1.28157	1.94699	1.26726	0.578563	1
cg19706625	PCDUC2	0.180417	0.462277	0.764406	-1.34159	0.0116119	0.289753	-1.45153	0.655447	1.193851	1.193851	0.790594	0.900775	-1.11016	0.2185563	1.662319	1.662319	0.289975	1.53917	1.53917	0.707824	0.862582	-1.15931	0.51654	1.29407	1.29407	0.388716	0.706903	-1.41462	1.94695	0.4754	6.237053	1
cg21220731	C4orf19	0.180417	0.0226973	0.62062	-1.61129	0.868475	1.02941	1.02941	0.727495	1.06309	1.06309	0.175786	0.777427	-1.28629	0.0533905	0.681286	-1.46781	0.191413	1.166	1.166	0.256762	0.813006	-1.23	0.699443	0.934402	-1.0702	0.275511	0.820039	-1.21945	1.94695	0.9431	0.430615	1
cg21249909	RCC2;RCC2	0.180418	0.683254	1.07743	1.07743	0.189239	1.28767	1.28767	0.763727	0.947498	-1.05541	0.10954	1.37326	1.37326	0.135474	1.33934	1.33934	0.996681	0.999244	-1.00076	0.0445458	0.658494	-1.51758	0.878696	0.928155	1.02815	0.124049	1.35363	1.35363	1.94694	0.1915	0.465299	1
cg20974588	TAAR3	0.180421	0.860377	0.942827	1.04327	0.233708	0.742529	-1.35039	0.591247	0.877711	-1.13932	0.311157	0.780648	-1.27283	0.604799	0.72475	-1.37979	0.247436	1.3377	1.3377	0.0362258	1.79642	1.79642	0.153373	1.4446	1.4446	0.519784	0.85471	-1.16999	1.94693	1.7801	0.814964	1
cg07393322	A4GALT	0.180423	0.364758	0.66402	-1.50598	0.644233	1.22684	1.22684	0.690582	0.838694	-1.19233	0.396869	0.682895	-1.46435	0.0924342	0.443004	-2.25731	0.0301917	3.0666	3.0666	0.123711	0.480464	-2.08132	0.474256	0.72619	-1.37705	0.465707	0.721529	-1.38594	1.94692	5.95995	2.72108	1
cg05312756	UGT3A1	0.180424	0.0629402	0.379555	-3.62378	0.135668	0.29215	-3.42435	0.206289	0.440334	-2.271	0.333914	0.541534	-1.84661	0.238622	0.667858	-2.1374	0.30704	0.52164	-1.91703	0.0497691	0.25226	-3.96417	0.289939	0.96593	0.929106	0.940124	-1.06369	1.94691	11.6788	5.33212	1
cg19517396	UNC4;LIN54;LIN54	0.180424	0.205634	0.75472	-1.25472	0.460796	1.99992	1.99992	0.681262	1.44493	1.44493	0.7	0.8977711	-1.11394	0.463799	0.304039	-3.28006	0.0703164	0.0319239	-31.3245	7	0.2322357	0.0778976	-12.8374	0.106597	0.50846	-1.96653	0.56096	0.36602	2.36602	0.468075	1.97634	1.97634	0.133337	2.52326	2.52326	1.35339	25.3052	6.72041	1
cg00497472	GAK	0.180426	0.495761	1.47539	1.47539	0.154377	2.35673	2.35673	0.192328	2.17269	2.17269	0.130137	2.50753	2.50753	0.632582	0.762729	-1.31108	0.560176	0.71802	-1.39272	0.109618	0.375005	-2.66663	0.0733987	3.07266	3.07266	0.224878	2.04791	2.04791	1.9469	9.74975	4.4514	1
cg06908919	PPP2R3C	0.180433	0.0978754	0.348656	-2.86896	0.115376	0.565704	-2.04228	0.199136	0.495026	-2.19734	0.934201	0.953217	-1.04908	0.207218	0.649206	-1.53999	0.262353	0.507565	-1.97019	0.0795838	0.328389	-3.08738	0.715208	0.908455	-1.23693	0.236105	0.486563	-2.05521	1.94686	10.3815	4.73994	1
cg05493679	MTX2;MTX2	0.180433	0.146619	1.14783	1.14783	0.697669	1.03495	1.03495	0.0169855	1.29193	1.29193	0.970466	1.00326	1.00326	0.143985	1.14812	1.14812	0.565723	0.950194	-1.05242	0.0806768	1.18585	1.18585	0.205861	1.1246	1.1246	0.952137	0.994732	-1.0053	1.94686	0.23874	0.109003	1
cg18317022	NAP4	0.180435	0.0199358	0.615284	-1.62527	0.470175	0.16129	-6.1972	0.0644199	0.527055	1.52705	0.122964	1.39572	1.39572	0.0904013	1.02486	1.02486	0.631408	1.1038	1.1038	0.410896	1.1038	1.1038	0.410896	1.0025	1.0025	1.0025	0.514544	1.14309	1.14309	1.94685	1.77721	0.583143	1
cg14106345	RNF112	0.180437	0.20967	0.681849	-1.4666	0.0312091	0.07975	0.07975	0.145645	1.57226	1.57226	0.340459	0.752361	-1.32915	0.46845	1.23817	1.23817	0.435877	1.25891	1.25891	0.125598	1.61624	1.61624	0.597599	0.857025	-1.16683	0.822878	0.937127	-1.06709	1.94684	2.58667	1.18102	1
cg18869709	PACSIN2;PACSIN2	0.180437	0.158511	0.228004	-4.38589	0.19584	3.82524	3.82524	0.736168	0.717721	-1.3933	0.639751	0.629801	-1.5878	0.0600162	0.229374	-4.35969	0.914907	0.900477	-1.11052	0.224232	0.0717287	-13.9414	0.813665	1.26059	1.26059	0.0934013	0.163668	-6.10992	1.94684	29.6606	13.5424	1
cg13080749	PITPNM2	0.180442	0.0439585	-1.11153	0.7136429	0.60763	0.566063	-1.67633	0.828352	1.0866	1.0866	0.0446678	2.20319	2.20319	0.0249393	0.722301	-1.38473	0.857406	1.12045	1.12045	0.0246823	0.21904	2.17304	0.75253	0.89881	-1.11357	0.58843	0.872291	-1.14626	1.94683	0.27721	0.142264	1
cg15160709	CYP26B1	0.18044	0.281046	0.407824	-2.45204	0.257902	0.57306	0.57306	0.83647	0.847507	-1.17993	0.721431	0.750811	-1.33189	0.0670956	0.193419	-5.17012	0.908603	0.912165	-1.09629	0.0216888	0.110095	-9.08309	0.103668	0.240603	-4.15623	0.503833	0.580974	-1.72125	1.94683	19.7594	9.02182	1
cg18712148	LYPD5	0.180453	0.736372	1.08215	1.08215	0.15266	0.670461	-1.49151	0.573597	0.82681	-1.2095	0.863612	0.826458	1.21002	0.0264368	1.848671	1.848671	0.141502	0.691347	-1.44645	0.0485977	0.18522	-5.39977	0.882505	1.23076	1.23076	0.258665	0.709455	-1.41073	0.94676	1.94682	0.79775	0.409731	1
cg06804788	ZNF81;ZNF81	0.180456	7	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1.94682	0.6014	1.30872	2.30872	0.23904	48.0729	20.1139	1
cg16670021	FLI43860	0.180457	0.279072	1.40793	1.40793	0.062768	0.529132	-1.88989	0.573595	0.841249	-1.18871	0.273654	0.707289	-1.41385	0.314003	1.3724	1.3724	0.41905	1.28532	1.28532	0.367533	0.754727	-1.32498	0.736459	0.90241	-1.10814	0.051573	1.9473	1.94673	2.84947	1.30108	1
cg07236911	SEVN2;2;DHX29	0.180457	0.172135	1.88784	1.88784	0.0214257	1.16442	1.16442	0.52621	1.28353	1.28353	0.100095	1.40685	1.40685	0.0195136	0.711284	1.41284	0.261038	0.404618	-2.47	0.442577	0.14442	-1.34333	0.0844794	2.70212	2.70212	0.244234	1.67917	1.67917	1.94668	5.63407	2.15262	1
cg06422464	ZFP41	0.180458	0.900059	0.971586	-1.02924	0.174702	1.39263	1.39263	0.372762	1.23359	1.23359	0.221702	0.790474	-1.26506	0.211233	0.739203	1.35281	0.565815	0.875134	-1.14245	0.0155019	1.97624	1.97624	0.877285	0.96517	-1.03609	0.578436	1.13744	1.13744	1.94673	1.62283	0.740093	1
cg04734194	PPP1R12A;PPP1R12A	0.180464	0.0947914	0.784796	-1.27434	0.0822024	0.0814	0.0814	0.45235	0.902423	1.10813	0.45235	0.873855	1.14479	0.78126	1.15303	1.15303	0.0356538	0.882237	-1.13353	0.0104486	1.12046	1.12046	0.631408	1.03138	1.03138	0.410896	1.04565	1.04565	1.04565	0.410896	1.94673	1.20722	0.583143	1
cg02504180	FAM19A5;FAM19A5	0.180466	0.776211	0.777705	-1.28583	0.110836	0.62974	0.62974	0.749449	0.75378	-1.32665	0.811925	0.81036	-1.23402	0.0751798	0.714152	0.74212	0.628067	0.650091	-1.53825	0.0178436	0.0788472	-12.6828	0.827547	1.21223	1.21223	0.562604	0.596672	-1.67596	1.94668	2.98663	23.9923	10.9553	1
cg19805863	SMYD3;SMYD3	0.180467	0.085851	0.504919	-1.9816	0.242197	0.40455	0.40455	0.0365691	0.509533	-1.96258	0.221702	0.700115	-1.4283	0.166977	0.664375	-1.50517	0.261879	0.722739	-1.38363	0.980102	1.00695	1.00695	?	?	?	?	0.431901	0.800418	-1.24935	1.959	1.22437	1.08442	1
cg25402706	UBTD2	0.180475	0.457346	0.804819	-1.24262	0.470175	0.16129	1.55157	0.0933	0.662489	1.50705	0.132505	1.33559	1.33559	0.146426	0.880356	-1.13594	0.0340935	1.1038	1.1038	0.764599	0.902013	1.1038	1.1038	0.764599	1.03138	1.03138	0.764599	1.03138	1.93697	0.023291	1.45825	1.48126	1.94664	2.59517	1.18103	1
cg27586065	TTF2	0.180475	0.684445	0.879428	-1.1371	0.765512	0.910233	-1.09862	0.6941	1.13235	1.13235	0.0548455	0.50421	-1.9833	0.269286	0.696445	-1.43586	0.214565	1.50811	1.50811	0.0791653	0.541783	-1.84576	0.0518162	0.498646	-2.00543	0.780363	1.09188	1.09188	1.94663	3.04855	1.39205	1
cg18263387	MRPS27;PTCD2	0.180478	0.644755	0.869265	-1.14994	0.487209	0.74203	-1.39625	0.574746	0.68596	-1.45742	0.108856	0.607823	1.64563	0.0233153	1.645632	1.645632	0.0966103	0.687127	-1.45563	0.0204398	0.0879579	-11.3645	0.0803761	0.8857	-1.1512	0.0793067	0.7509	-1.33213	1.94662	0.64182	0.292786	1
cg08415853	LOC645323	0.180484	0.100207	0.378851	-2.63956	0.133334	0.417841	-2.39325	0.402526	1.58677	1.58677	0.570296	0.734074	-1.36226	0.0639202	0.32554	3.07182	0.804705	0.857017	-1.14284	0.026909	0.243811	-4.10153	0.379326	0.615053	-1.62588	0.215821	0.495585	-2.01782	1.94659	0.95393	0.40872	1
cg03376089	TOM1L2;TOM1L2 AMACR;AMACR;AMACR;AMACR;AMACR;AMACR	0.180488	0.145728	2.62122	2.62122	0.497944	1.5288	1.5288	0.890045	1.08908	1.08908	0.577054	1.41565	1.41565	0.156291	2.54878	2.54878	0.55545	1.44337	1.44337	0.0112858	0.70897	0.70897	0.0812111	3.29568	3.29568	0.114247	2.88609	2.88609	1.94651	11.7339	5.35837	1
cg18397975	RJMACR	0.1805	0.120957	0.197419	-5.06538	0.0830632	0.3688	0.3688	0.256318	0.31664	0.31664	0.860035	1.17692	1.17692	0.083725	0.157771	-6.33828	0.472515	0.494121	-2.0238	0.582068	0.71441	1.71441	0.671602	0.662788	-1.50878	0.139546	0.215676	-4.63658	1.94651	28.6954	13.1041	1
cg05170086	ARID3B	0.180503	0.280583	1.43091	1.43091	0.146437	1.3777	1.3777	0.0475705	1.4305	1.4305	0.0475705	1.3311	1.3311	0.0475705	1.24935	1.24935	0.0931904	1.24075	1.24075	0.1304	1.24075	1.24075	0.1304	1.40721	1.40721	0.0525	1.12548	1.12548	1.12548	0.0525	1.94651	1.14382	1.14382	1
cg02244269	ATP6V0C;ATP6V0C	0.180505	0.296103	1.31427	1.31427	0.813526	1.06108	1.06108	0.0583863	0.578744	-1.72788	0.182243	0.698788	-1.43105	7	?	?	0.931964	1.02165	1.02165	0.121365	0.652711	-1.53207	0.196187	1.41312	1.41312	0.229685	0.727235	-1.37507	2.04667	1.74489	0.758808	1
cg06638381	PEU2	0.180505	0.251965	0.659508	-1.51628	0.181174	0.582074	-1.71799	0.0387211	0.443154	-2.25654	0.187293	0.628272	-1.59153	0.126279	0.577383	-1.73195	0.053596	0.443341	-2.2556	0.0178207	0.0597798	-16.7284	0.0449406	0.0594279	-16.8427	0.0178207	0.548782	-1.8222	1.94645	3.3989	1.55218	1
cg00362731	CDH4	0.180514	0.895794	1.44749	1.44749	0.63812	0.845586	1.38261	0.647693	0.888345	-1.17877	0.451376	1.31216	1.31216	0.548508	1.23974	1.23974	0.0607609	2.07033	2.07033	0.0232057	0.42568	-2.4568	0.0470513	2.23599	2.23599	0.174533	1.66752	1.66752	1.66752	0.4643	2.48681	1.7547	1
cg00368577	KRT5	0.180515	0.0866432	0.260731	-3.83538	0.853213	0.876728	-1.1406	0.111454	0.291867	-3.42621	0.728042	1.28141	1.28141	0.0188127	0.132448	7.55016	0.87524	0.894398	-1.11807	0.0826607	0.255326	-3.91656	0.302233	0.384291	-2.6022	0.637415	0.713758	-1.40104	1.94642	15.553	7.10274	1
cg05293299	RBMS3;RBMS3;RBMS3	0.180518	0.531832	0.697214	-1.4341	0.152621	0.147107	0.238891	0.0144945	0.0681	0.0681	0.0144945	0.500222	-1.99911	0.0144945	0.0681	0.0681	0.105345	0.184746	-5.41485	0.0144945	0.0681	0.0681	0.0144945	1.01943	1.01943	0.0144945	0.206461	0.0812964	0.126107	-7.93055	1.94642	0.10363	0.47111	1
cg20119550	ZNF14	0.180518	0.102816	1.392	1.392	0.154413	1.33337	1.33337	0.0662851	1.47516	1.47516	0.596732	1.10604	1.10604	0.683524	1.08043	1.08043	0.751347	0.94172	-1.06189	0.0473143	0.65161	-1.53466	0.881703	0.972287	-1.0285	0.814757	0.95667	-1.04529	1.9464	1.09809	0.501481	1
cg01366246	HES1	0.180519	0.797535	0.96652	-1.03518	0.487639	1.14096	1.14096	0.0064246	1.63257	1.63257	0.16225	1.1329	1.1329	0.22406	1.18733	1.18733	1.14737	1.16725	1.16725	0.366381	1.13295	1.13295	0.366381	1.06794	1.06794	0.904975	1.01619	1.01619	1.01619	0.615862	1.94639	1.06161	1.06161	0.557361	0.264539	1
cg02123269	SAC3D1	0.180521	0.179652	1.32161	1.32161	0.675914	0.921032	-1.08574	0.157837	1.34275	1.34275	0.456594	0.862133	-1.15991	0.0459042	1.546589	1.546589	0.0879676	1.691822	1.691822	1.44546	0.729049	1.0727	1.0727	0.400077	1.845088	1.845088	1.18331	0.671545	0.910912	-1.03706	1.94639	1.083	0.538935	1
cg25196088	CAMTA1	0.180522	0.951516	0.981085	-1.01928	0.256625	0.689462	-1.45041	0.712993	0.890452	-1.12303	0.403876	0.764722	-1.30766	0.045109	0.485597	-2.05932	0.353931	0.741715	-1.34921	0.0618875	0.19357	0.93537	0.0817052	0.545706	-1.83249	0.819061	0.93057	-1.07461	1.96438	3.04026	1.38845	1
cg03133337	CDH1	0.180523	0.241451	1.34941	1.34941	0.109993	0.537573	1.15573	0.165512	0.864184	-1.17071	0.387632	0.790783	-1.26457	0.0997355	0.641487	-1.55912	0.0349038	1.154	1.154	0.0197632	0.14687	-6.80911	0.198798	0.779578	1.29407	0.0197632	0.821839	-1.21656	1.94638	0.21483	0.10981	1
cg23087994	KDM6B;TMEM8B	0.180526	0.497419	0.90424	-1.1059	0.109035	0.774641	-1.29092	0.0638166	0.737548	-1.35584	0.482992	1.10835	1.10835	0.518835	1.10028	1.10028	0.124368	1.27522	1.27522	0.156962	1.24755	1.24755	0.329932	0.863378	-1.15824	0.902264	0.981846	-1.01849	1.94636	0.658124	0.300561	1
cg22113443	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.180526	7	?	?	?	0.0620863	0.380901	-2.62535	0.81552	0.930619	-1.09815	0.326052	0.656864	-1.52239	0.853839	0.425515	-2.35009	0.444881	1.17461	1.17461	0.172014	0.866911	0.866911	0.887387	1.05919	1.05919	?	?	?	1.94621	4.56486	0.97986	1
cg15192242	UPLP;POLR2J2	0.180528	0.960421	1.01047	1.01047	0.116851	0.699341	-1.42992	0.348329	0.81654	-1.22468	0.560551	1.13149	1.13149	0.678053	0.916101	-1.09158	0.398013	1.19919	1.19919	0.0183521	1.82344	1.82344	0.570377	0.886718	-1.12775	0.292231	0.795023	-1.25782	1.94634	1.33827	0.620318	1
cg01570551	C7orf46;C7orf46;C7orf46	0.180535	0.754576	0.814275	-1.22809	0.79574	1.18526	1.18526	0.698851	1.29007	1.29007	0.864072	0.893812	-1.1188	0.211606	0.422245	-2.3683	0.00678872	0.100424	-9.95774	0.80912	1.09406	1.09406	0.446434	1.66271	1.66271	0.555144	1.47851	1.47851	1.96631	13.2315	6.04291	1
cg07902160	B4GALNT1	0.180537	0.922086	1.01102	1.01102	0.0797284	1.25213	1.25213	0.0464838	1.28111	1.28111	0.0464838	1.20807	1.20807	0.0464838	1.08946	1.08946	0.0740206	1.13061	1.13061	0.0178562	1.9214	1.9214	0.563981	1.6823344	1.6823344	0.0178562	1.43845	1.43845	1.43845	0.0178562	1.94634	1.64761	1.64761	0.647816	1
cg14480140	TSSC4	0.180538	0.746231	1.09604	1.09604	0.148081	0.645208	-1.54989	0.0281688	0.480925	-2.07933	0.281428	1.37183	1.37183	0.620933	0.868681	-1.15117	0.129394	1.58841	1.58841	0.280496	1.37273	1.37273	0.881439	0.958728	-1.04305	0.736363	1.10013	1.10013	1.94629	2.45843	1.12279	1
cg20916646	GAK	0.180554	0.811813	1.04994	1.04994	0.0438873	1.60516	1.60516	0.400136	1.19242	1.19242	0.77485	0.943086	-1.06035	0.552855	0.884553	-1.13051	0.156752	1.36271	1.36271	0.0208711	1.76493	1.76493	0.575364	1.12259	1.12259	0.53364	0.87914	-1.13748	1.94628	1.28688	0.587733	1
cg08646051	RASSF8;RASSF8;RASSF8;RASSF8;RASSF8;RASSF8	0.180562	0.744581	1.09008	1.09008	0.0786855	0.406853	-2.45789	0.838464	0.947567	-1.05533	0.734238	1.09407	1.09407	0.589574	1.15481	1.15481	0.445769	1.22762	1.22762	0.183704	1.45084	1.45084	0.376933	0.958893	-1.04287	0.867584	1.056927	-1.04501	1.94627	2.14592	0.980074	1
cg16583333	ZNRF2	0.180564	0.438542	0.49753	-2.01073	0.141409	0.693929	-1.44107	0.269729	0.579574	-1.72536	0.789326	0.805515	1.13437	1.24437	0.404178	0.647718	-1.54388	0.808024	1.11554	1.11554	0.492078	1.54426	1.54426	0.0934346	1.0436	1.0436	0.314176	1.70228	1.70228	1.9462	1.05084	0.307706	1
cg19648605	TBC1D9B;TBC1D9B	0.180555	0.0915485	0.350953	-2.84939	0.202964	2.13282	2.13282	0.643602	1.30028	1.30028	0.561038	1.39272	1.39272	0.0678712	0.315821	-3.16635	0.211333	0.476096	-2.10041	0.168014	0.436902	-2.28884	0.272202	1.90431	1.90431	0.531517	1.69964	-1.42931	1.9462	9.79019	4.47148	1
cg05668698	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.180556	0.967893	1.0101	1.0101	0.0772133	1.27603	1.27603	0.0732825	1.29681	1.29681	0.826101	0.95645	-1.04525	0.252914	1.484245	1.484245	0.0956546	1.30956	1.30956	0.0429774	1.34746	1.34746	0.0429774	1.56362	1.56362	1.15685	1.01648	0.751399	0.924483	-1.08169	1.9462	1.97978	0.284622	1
cg06239355	NPR3	0.180556	0.951384	0.94911	1.04915	0.0553603	0.524555	0.0276587	0.76009	0.776009	0.818425	-1.22186	0.666397	0.710826

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(221T vs. N)	Fold-Change(221T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg21945930	DLX6AS	0.18072	0.08638059	7.72257	0.77257	0.177794	4.70982	4.70982	0.747583	0.7050096	1.41825	0.3848806	0.381281	2.622274	0.0682514	0.10929	0.10929	0.20468	0.234981	4.25567	0.4073831	0.39384	2.5021	0.3659301	4.9903	0.4903	0.6223882	1.7098	1.7098	1.3453	36.0773	16.4852	1
cg06270799	PAOX;PAOX;PAOX	0.18725	0.942367	1.02781	1.027281	0.590218	1.69429	0.844841	1.07717	1.07112	0.11042	1.93484	1.93484	0.2301	0.6201196	1.61239	0.568123	1.2447	1.2447	0.2217644	2.84307	2.84307	0.945532	1.0026	1.0026	0.316606	1.48113	1.48113	1.94527	4.43487	2.02651	1
cg03620765	CASKIN1	0.18726	0.886219	1.0581	1.0581	0.577456	1.24857	1.24857	0.772152	1.12134	1.12134	0.0984885	2.04362	2.04362	0.0327452	0.373288	-2.6789	0.582524	1.24481	1.24481	0.553733	0.7805555	-1.26654	0.771812	0.891632	-1.12154	0.0638252	2.27456	2.27456	1.94527	4.79356	2.19042	1
cg12806497	CYP27A1	0.18723	0.722951	0.878943	-1.13773	0.558445	0.806955	-1.23926	0.0534775	0.4515548	-2.21146	0.16657	0.5859869	-1.70687	0.0182475	0.353912	-2.82556	0.479473	0.770594	-1.2977	0.493107	0.7769991	-1.287	0.510072	1.26737	0.2964515	0.5160222	-1.9379	1.74525	0.404839	0.184993	1
cg16190718	STK19;STK19;DOM3Z;STK19	0.18732	0.206168	0.53697	-1.8623	0.445601	0.695883	-1.43702	0.752218	1.159916	1.159916	0.2939391	0.6015471	-1.66238	0.0563503	0.365092	2.73903	0.115191	0.449925	-2.22259	0.0300008	0.3045105	0.308315	-3.28833	0.054351	0.361292	-2.76784	0.429499	0.686553	-1.45655	1.94524	0.609906	3.06118	1
cg25237374	GPHN;GPHN LOC102771832;LOC285045;LOC285045;LOC285045;LOC285045	0.18733	0.09634417	0.286745	-3.36989	0.993912	1.00509	1.00509	0.827263	1.15652	1.15652	0.106178	0.3091157	-3.23502	0.102526	0.304408	-3.28831	0.939434	0.950695	-1.05186	0.127424	0.333944	-2.99451	0.222937	2.33988	0.233989	0.0742126	0.266143	-3.75737	1.94523	13.6397	6.232979	1
cg17363276	LOC285045	0.18734	0.97032	1.0213	1.0213	0.0444856	3.6957	3.6957	0.0168668	5.2145	5.2145	0.166052	2.30859	2.30859	0.941399	1.04252	1.04252	0.245955	1.98841	1.98841	0.199007	2.15714	2.15714	0.998633	0.99903	-1.00097	0.19197	2.18669	2.18669	1.94523	9.88548	4.51726	1
cg23918296	AMN	0.18736	0.117965	0.96968	0.90868	0.689715	1.68515	1.68515	0.222	5.29676	5.29676	0.120303	0.92351	0.92351	0.135315	0.07703	0.07703	0.72013	1.59567	1.59567	0.834275	1.3167	1.3167	0.0190213	39.947	39.947	0.0529831	17.3966	17.3966	1.94522	51.9732	23.7498	1
cg20226306	PRMT1;PRMT1;PRMT1	0.18736	0.413715	1.24705	1.24705	0.247699	0.72664	-1.3762	0.813009	1.06461	1.06461	0.42338	0.805697	-1.24116	0.0828066	0.601971	-1.66121	0.317238	0.760961	-1.31413	0.0118726	0.436131	-2.29289	0.873952	1.04284	1.04284	0.512342	0.838974	-1.19193	1.94522	2.15077	0.982621	1
cg08707166	CHRNA3;CHRNA3	0.18737	0.186285	0.353726	-2.84313	0.283915	1.45394	1.45394	0.527999	1.66973	1.66973	0.2129271	0.4009368	-2.49434	0.0637458	0.342111	-2.92302	0.510114	0.6076	-1.64582	0.1828279	0.1181152	-8.46367	0.0468505	0.315621	-3.16856	0.14521	-5.4565	0.449267	0.315621	0.184993	0.782901	1
cg00064255	LRRC8C EXOC7;EXOC7;EXOC7;EXOC7;EXOC7;EX	0.18738	?	?	?	0.0821041	0.0871362	-11.4763	?	?	?	0.515196	0.433448	-2.30708	?	?	?	0.210208	0.187723	-5.32699	0.0552572	0.0637458	-15.6873	0.316435	0.269253	-3.71398	0.0749256	0.0810457	-12.3387	1.99077	33.7349	22.5941	1
cg05254689	OC7	0.18739	0.46442	0.774029	-1.29194	0.35609	0.721417	-1.38616	0.0180569	0.372318	-2.68588	0.606362	0.836271	-1.19578	0.109802	0.548995	-1.82151	0.036284	0.432833	-2.31036	0.6459951	1.17248	1.17248	0.881005	1.05288	1.05288	0.501252	0.790716	-1.26468	1.9452	3.64576	1.66599	1
cg23466339	MRAS;MIRAS	0.18743	0.438069	0.733159	-1.36359	0.103026	0.445247	-2.02205	0.76888	0.890899	-1.12246	0.18765	0.57842	-1.72895	0.0183295	0.579628	-1.72506	0.130676	0.527329	-1.89635	0.0210349	0.336828	-2.96887	0.060067	0.435344	-2.29703	0.122337	0.518676	-1.92799	1.94518	4.73558	2.16402	1
cg04687581	GFRA2;GFRA2;GFRA2	0.18744	0.87381	1.06221	1.06221	0.197881	1.855819	-1.16847	0.574304	1.1939	1.1939	0.0608545	1.1137	1.1137	0.975273	1.00648	1.00648	0.494478	0.8654416	-1.15551	0.3810703	0.6435616	1.60798	0.0508303	2.00407	2.00407	0.0152431	0.561416	1.90654	1.94519	0.196782	0.0852	1
cg21495713	CARS2	0.18749	0.708377	0.742409	-1.34697	0.0172741	0.96491	0.964901	0.0360551	6.90901	6.90901	0.896064	1.03917	1.03917	0.687291	0.725581	-1.37821	0.35108	0.467292	-2.13999	0.844474	1.16847	1.16847	0.940147	1.06134	1.06134	0.929317	0.932086	-1.07286	1.94514	19.3593	8.84677	1
cg12442108	SLC44A3;SLC44A3	0.18754	0.837007	0.891263	-1.11946	0.209683	0.61082	0.61082	0.133573	2.42698	2.42698	0.425548	1.58294	1.58294	0.164499	0.447306	1.53463	1.53463	0.320198	1.75564	1.75564	0.2810349	0.336628	2.96887	0.060067	0.435344	-2.29703	0.122337	0.518676	-1.92799	1.94518	4.73558	2.16402	1
cg14911708	RBM19;RBM19;RBM19	0.18754	0.02651149	0.576987	-1.73314	0.40574	1.1939	1.1939	0.0608545	1.1137	1.1137	0.975273	1.00648	1.00648	0.494478	0.8654416	-1.15551	0.317505	1.24021	1.24021	0.916517	0.978391	-1.02209	0.0535235	1.5791	1.5791	0.412645	1.19066	1.19066	1.94512	1.33724	0.6111	1
cg13767940	MIR34B;BTG4;MIR34C	0.18754	0.558725	2.90124	2.90124	0.809947	0.647922	-1.5434	0.204559	0.0896879	-11.1498	0.838781	0.692849	-1.44332	0.262755	0.122067	-8.1922	0.333083	0.165554	-6.04032	?	?	?	0.0599909	45.7004	45.7004	0.0681074	39.6417	39.6417	1.95739	89.4075	45.6768	1
cg12412075	UN7B	0.18755	?	?	?	0.489134	1.60479	1.60479	0.183563	2.7604	2.7604	0.878386	1.13578	1.13578	0.128958	0.3804	-2.63034	?	?	?	0.356008	0.5055538	-1.97809	0.644928	0.631563	-1.58353	-1.57907	0.588993	0.67051	-1.49117	1.94517	2.05877	12.7061	6.17171	1
cg19005707	GABRA5;GABRA5	0.18756	0.068395	0.47001	0.470501	0.0520699	5.35121	5.35121	0.754867	1.32113	1.32113	0.142281	3.31114	3.31114	0.400954	1.92041	1.92041	0.0702907	0.64456	0.64456	0.177644	2.96644	2.96644	0.0467961	5.62741	5.62741	0.136923	0.37394	0.37394	1.94511	17.7474	8.11034	1
cg25945642	SLC9A9	0.18758	0.244644	0.604004	-1.65605	0.504592	2.05842	2.05842	0.0172744	3.1343	3.1343	0.0158369	1.63813	1.63813	0.102439	0.550609	-1.81709	0.154864	0.752511	1.32894	0.4861105	0.7662876	1.30374	0.0625215	1.66226	1.66226	0.0476044	0.527615	1.89532	1.94509	5.09506	2.31899	1
cg18126320	CAPN9;CAPN9	0.18762	0.0468853	0.335583	-2.97989	0.119912	2.24737	2.24737	0.794014	0.881976	-1.13381	0.197008	0.519643	-1.9244	0.0542216	0.350442	-2.85354	0.391191	0.655958	-1.52449	0.349145	0.6296454	-1.58817	0.277845	0.581807	-1.71878	0.335159	0.62063	-1.61127	1.94507	7.09612	3.24289	1
cg21029045	PITX2;PITX2	0.18764	0.550127	0.784076	-1.27539	0.269688	1.58794	1.58794	0.683673	0.840849	-1.17918	0.569907	1.2599	1.2599	0.0559985	0.436133	-2.29288	0.629364	1.21611	1.21611	0.307079	0.6535151	-1.5302	0.4092368	0.246715	2.46715	0.169077	1.80301	1.80301	1.94506	4.98633	2.27874	1
cg27164781	ZSCAN22;ZSCAN22;ZSCAN2	0.18768	0.4360071	0.838485	-1.19233	0.705972	1.56105	1.56105	0.0545851	1.14424	1.14424	0.477799	0.82849	-1.2069	0.0244211	0.691079	-1.44701	0.3588205	0.7875451	1.26969	0.0639703	0.2385516	-1.59105	0.0493368	0.364433	2.74504	0.15978	1.11583	1.11583	1.94504	1.13878	0.694543	1
cg00730694	FAM135B	0.18769	0.917639	0.968228	-1.03281	0.654985	1.15073	1.15073	0.492315	1.24319	1.24319	0.259216	1.44401	1.44401	0.644237	1.15622	1.15622	0.36038	0.745632	-1.34114	0.00604597	0.06277	3.06277	0.316479	1.38164	1.38164	0.524345	1.22311	1.22311	1.94503	3.00163	1.37176	1
cg16129669	GABBR1;GABBR1;GABBR1	0.18771	0.179254	0.492374	-2.03098	0.192267	1.26315	1.26315	0.0853766	2.05134	2.05134	0.159823	1.32024	1.32024	0.305648	0.580328	-1.72343	0.692154	0.820668	-1.21853	0.0274289	0.23783	-4.15323	0.0197008	0.37409	-2.67303	0.0482124	-2.184	0.345027	7.5078	3.47225	0.9225	1
cg07303801	SGSM1;SGSM1;SGSM1;SGSM1	0.18773	?	?	?	0.5163264	1.65694	1.65694	0.594655	5.63117	5.63117	0.1661682	3.14403	3.14403	0.108884	0.3404334	-2.93743	0.0920938	2.2882	2.2882	?	?	?	0.720689	0.761484	-1.31323	0.468803	1.75427	1.75427	2.1795	14.6848	5.77515	1
cg18350186	TUBE1;C6orf225;TUBE1;C6orf225	0.18775	0.0445559	0.536442	-1.86413	0.635312	1.13768	1.13768	0.190511	1.45397	1.45397	0.422255	0.8014449	-1.24774	0.536168	0.844391	-1.18429	0.0799047	0.591745	-1.68992	0.2417271	1.39003	1.39003	0.392441	0.7893444	-1.26687	0.4344911	1.24024	1.24024	1.945	2.68567	1.0263	1
cg24650296	CEP72	0.18783	0.2095222	0.679327	-1.47204	0.2924975	2.80936	2.80936	0.0553163	3.76204	3.76204	0.2678386	1.13578	1.13578	0.1289358	0.3804334	-2.63097	0.4335537	0.79166	-1.26317	0.185638	1.50726	1.50726	0.5543857	0.8099107	-1.19104	0.551535	0.838524	-1.19257	1.94496	2.62653	1.20312	1
cg19884658	KLHL21	0.18783	0.696866	0.787722	-1.26948	0.43998	1.61612	1.61612	0.403995	0.594238	-1.68283	0.143469	2.60697	2.60697	0.282906	0.506585	-1.974	0.0808972	0.25346	0.25346	0.250517	2.07894	2.07894	0.0718881	3.40305	3.40305	0.112909	2.8625	2.8625	1.94496	11.4437	5.23003	1
cg09235539	DNAJC6;DNAJC6	0.18785	0.2444644	0.603504	-1.65685	0.704592	2.05842	2.05842	0.0172744	3.1343	3.1343	0.0158369	1.63813	1.63813	0.102439	0.550609	-1.81709	0.154864	0.752511	1.32894	0.4861105	0.7662876	1.30374	0.0625215	1.66226	1.66226	0.0476044	0.527615	1.89532	1.94509	5.09506	2.31899	1
cg00534858	DBNDD1;DBNDD1	0.18787	0.748831	1.12253	1.12253	0.435911	0.75126	-1.3311	0.0181299	0.356125	-2.80804	0.654509	1.17595	1.17595	0.0234967	0.377726	-2.64742	0.930566	0.96913	-1.03185	0.737603	0.886048	-1.12861	0.578557	0.817174	-1.22373	0.308518	0.684384	-1.46117	1.94494	3.98796	1.82261	1
cg08415592	APOL1;APOL1;APOL1;APOL1	0.18787	0.70048	1.09455	1.09455	0.579719	0.605957	-1.65028	0.816609	1.0558	1.0558	0.981625	1.0054	1.0054	0.395837	1.22538	1.22538	0.465883	0.841096	-1.18893	0.031825	1.80052	1.80052	0.49208	1.20724	1.20724	0.210494	0.734606	-1.36127	1.94494	1.68292	0.769139	1
cg18313899	SLC35F1	0.18793	0.0766613	0.483485	-2.06933	0.455372	1.5635	1.5635	0.0545851	1.14424	1.14424	0.477799	0.82849	-1.2069	0.0244211	0.691079	-1.44701	0.8647099	1.03085	1.03085	0.8426126	1.017457	1.017457	0.9606	1.03085	1.03085	0.8426126	1.017457	1.017457	0.9606	1.94493	0.58028	0.26004	1
cg03660034	TNRC6C;TNRC6C	0.18789	0.199119	0.476614	-2.09813	0.3544888	0.262615	-3.80786	0.5547838	0.3043	-3.28624	0.677791	0.795964	-1.25634	0.102919	0.377393	-2.64975	0.764928	0.848926	-1.17796	0.144551	0.4248872	-2.35365	0.328758	1.73418	1.73418	0.392089	0.619474	-1.61427	1.94492	9.18878	4.19955	1
cg16921775	ZNF641 TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;TSNAX-	0.18791	0.0207593	0.401072	-2.49332	0.890016	1.04645	1.04645	0.648028	1.16281	1.16281	0.714931	0.8865738	-1.12793	0.629696	1.17286	1.17286	0.676505	0.871592	-1.14764	0.0194622	0.39783	-2.51363	0.487502	0.793344	-1.26049	0.780639	0.91245	-1.09595	1.94492	3.31771	1.5163	1
cg24499839	DISC1;DISC1;TSNAX-DIS	0.18794	0.210029	0.724481	-1.3803	0.0701443	1.6388	1.6388	0.0448529	1.75378	1.75378	0.759281	1.07787	1.07787	0.25993	0.750726	-1.33204	0.332674	0.783627	-1.27612	0.489012	0.8424412	-1.18707	0.422673	0.81888	-1.22118	0.856915	0.956921	-1.04502	1.9449	1.83362	0.838028	1
cg08281825	HMNP1	0.18795	0.1664899	0.516489	-1.93594	0.0679785	1.30756	1.30756	0.0876	2.86878	2.86878	0.1652657	1.02657	1.02657	0.0811864	0.5275	-1.89567	0.1636877	0.542412	-1.84356	0.0206563	0.3116	3.20963	0.0396	1.5864	1.5864	0.0722073	-1.3484	0.380052	0.760554	-1.31463	1.94492	1.34103	0.4305	1
cg02170010	PARL;PARL PARL7;BAIAP2;BAIAP2;BAIAP2;BAIA	0.18801	0.628083	1.06705	1.06705	0.247569	1.17434	1.17434	0.0131981	1.50444	1.50444	0.194982	0.833408	-1.19989	0.778131	0.963145	-1.03826	0.838408	1.02752	1.02752	0.728779	1.04736	1.04736	0.20873	1.19264	1.19264	0.402705	0.802397	-1.12058	1.94486	0.544349	0.248792	1
cg27141898	P2	0.18808	0.08686803	0.335305	-2.98476	0.0750814	3.15119	3.15119	0.0145198	0.436487	0.66657	-1.50022	?	?	?	0.329475	0.592198	0.68662	0.370158	0.590877	-1.6924	?	?	?	0.329475	0.20941	0.22662	0.202662	0.510399	1.46373	1.46373	2.05843	8.04772	3.90964	1
cg10789261	LARP4B	0.18812	0.330856	0.731782	-1.36653	0.440529	0.762855	-1.27738	0.93477	0.974845	-1.0258	0.522311	1.22362	1.22362	0.924755	0.971027	-1.02984	0.0125569	0.380532	-2.6279	0.348381	0.740467	-1.3505	0.222471	1.49037	1.49037	0.158294	0.625371	-1.59905	1.9448	2.98357	1.36367	1
cg18238134	RAP1GAP;RAP1GAP;RAP1GAP	0.18813	0.128186	0.2673	-3.74169	0.0224253	2.92977	2.92977	0.0143466	4.89237	4.89237	0.1116098	1.48073	1.48073	0.140092	0.5167705	-1.93577	0.544502	0.741586	1.34844	0.1798561	0.1277836	1.12778	1.12778	0.00902579	4.73554	4.73554	0.166776	2.00037	2.00037	1.9448	6.81378	3.1143	1
cg07202461	MIB1;MIR133A1	0.18815	0.0268708	0.183362	-5.45369	0.0576394	2.94932	-4.0109	0.623437	0.726009	-1.37739	0.42061	0.587212	-1.70296	0.184872	0.402576	2.484	0.387044	0.563444	-1.7748	0.0775622	0.2810007	-3.55862	0.703204	0.780609	-1.28105	0.0508141	0.237007	-4.21929	1.94479	12.8948	5.89374	1
cg01056808	FAT3	0.18818	0.68418	0.902334	-1.10823	0.679604	0.900937	-1.10997	0.0183529	0.487908	-2.04948	0.480114	0.981296	-1.01909	0.497039	0.840906	-1.18919	0.993221	1.00214	1.00214	0.175604	1.43608	1.43608	0.304441	0.6640173	-1.56208	0.04882	1.33564	1.33564	1.94477	1.59001	0.889	1
cg06119894	GRIA4;GRIA4;GRIA4;GRIA4	0.18820	0.0887487	0.2562253	-3.75583	0.0324534	1.171188	-5.84154	0.577936	0.48621	-2.05943	0.641683	-2.24507	0.166786	0.3537971	-2.82677	?	?	?	0.610372	-1.43657	-1.43657	0.449267	0.580687	-1.7221	1.97197	12.0708	5.99592	1
cg10918202	BAALC;BAALC;C8orf56	0.18821	0.265771	0.86155	-1.1607	0.201796	1.18111	1.18911	0.054743	1.32311	1.32311	0.421786	1.11122	1.11122	0.279167	1.11556	1.11556	0.063069	1.30824	1.30824	0.277342	0.8648651	-1.15625	0.345612	1.13295	1.13295	0.251147	1.16658	1.16658	1.94475	0.5086639	0.232484	1
cg16290720	CMTM5;CMTM5	0.18822	0.437287	1.11694	1.11694	0.3633	1.38432	1.38432	0.162852	1.83981	1.83981	0.0316882	1.54421	1.54421	0.0208616	1.54424	1.54424	0.0981588	1.69059	1.69059	0.0150944	1.55265	1.55265	0.180329	1.41056	1.41056	0.0767044	0.621245	1.60967	1.60967	1.94473	2.0063	0.823019	1
cg14921326	SAMD12	0.18826	0.257878	0.508899	-1.96503	0.302696	1.842	1.842	0.36285	0.587985	-1.70072	0.0106945	0.159506	-6.26934	0.189746	0.451725	-2.21374	0.249307	0.502124	-1.99154	0.913053	1.06449	1.06449	0.965912	1.02475	1.02475	0.331599	0.563763	-1.77379	1.94473	10.0824	4.60844	1
cg11798609	MMP23A;MMP23B	0.18827	0.367573	0.21998	-2.21599	0.306838	2.58666	2.58666	0.0549384	6.63471	6.63471	0.0912789	5.03757	5.03757	0.689349	1.41813	1.41813	0.258662	2.78607	2.78607	0.553227	1.99512	1.686	0.144476	3.90723	3.90723	0.0215374	10.5013	10.5013	1.94472	23.3806	10.641	1
cg08539602	PLEKHG5	0.18829	0.15676	0.588728	-1.69858	0.550238	1.23541	1.23541	0.49965	1.27062	1.27062	0.6915	1.27062	1.27062	0.6915	1.27062	1.27062	0.2706	0.8871262	0.5164551	-1.93629	0.0555438	0.468149	-2.13607	0.802444	0.916048	-1.09165	1.99023	1.99023	1.94472	2.57116	1.72252	1
cg00017970	GRIP1	0.18083	0.57434	0.861849	-1.1603	0.083694	0.605627	-1.65118	0.196029	1.43074	1.43074	0.223441	1.39809	1.39809	0.706507	0.905649	-1.10418	0.250612	0.906818	-1.10276	0.147381	0.6654452	-1.50274	0.198501	0.700474	-1.4276	0.114993	1.56673	1.56673	1.9447	2.11389	0.966219	1
cg12499909	PINK1	0.18083	0.896081	1.02711	1.02711	0.144153	1.16363	1.16363	0.819911	1.04808	1.04808	0.525782	1.14157	1.14157	0.0931127

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10536264	SHROOM1	0.181031	0.0588379	0.707024	-1.41438	0.939365	1.01244	1.01244	0.707883	1.06306	1.06306	0.464098	0.885981	-1.12869	0.134528	1.29971	1.29971	0.400918	1.14991	1.14991	0.0339544	1.4951	1.4951	0.742383	1.05505	1.05505	0.614326	0.920767	-1.08605	1.94361	0.812477	0.371577	1
cg18464896	KIFC2;CYHR1;CYHR1;CYHR1	0.181031	0.479264	0.570279	-1.75353	?	?	?	0.0474703	0.170255	-5.87353	0.81872	0.835886	-1.19634	0.473314	1.76741	1.76741	0.168255	3.14736	3.14736	?	?	?	0.353506	0.474527	-2.10736	0.100216	0.245042	-4.08093	1.97069	14.802	8.58408	1
cg01972009	PITPNM1;PITPNM1	0.181034	0.721121	0.879192	-1.13741	0.0160209	2.88347	2.88347	0.0630642	2.1192	2.1192	0.371678	1.39023	1.39023	0.293689	0.676209	-1.47883	0.842135	1.07426	1.07426	0.507794	1.27296	1.27296	0.533789	0.797425	-1.25404	0.708837	1.14424	1.14424	1.9436	3.97177	1.81646	1
cg16409306	LMO7;LMO7	0.181034	0.0515879	0.263189	-3.79955	0.121123	0.363263	-2.75282	0.213405	0.45412	-2.20206	0.12432	0.366924	-2.72536	0.054923	0.269431	-3.71153	0.17429	0.418666	-2.38854	0.0963104	0.33282	-3.00463	0.652709	0.76116	-1.31378	0.0591149	0.276952	-3.61073	1.94359	11.1733	5.11005	1
cg04920227	ISM1	0.181038	0.0997488	0.765455	-1.30641	0.297706	1.17346	1.17346	0.175407	1.23801	1.23801	0.407654	0.882059	-1.13371	0.17225	1.2402	1.2402	0.998058	1.00036	1.00036	0.0747809	0.74523	-1.34187	0.273251	1.18405	1.18405	0.598094	1.08201	1.08201	1.94357	0.675777	0.309065	1
cg16665765	CTDSPL;CTDSPL	0.181039	0.38728	0.657913	-1.51996	0.644041	1.24586	1.24586	0.386055	0.657166	-1.52169	0.343246	0.630462	-1.58614	0.0409172	0.327985	-3.04892	0.762697	1.15381	1.15381	0.038741	0.322764	-3.09824	0.266137	1.7288	1.7288	0.178759	0.509213	-1.96382	1.94357	6.87093	3.14242	1
cg06911519	FOSL2	0.181041	0.401928	1.1047	1.1047	0.0322139	1.33797	1.33797	0.0481802	1.29966	1.29966	0.909671	0.986913	-1.01326	0.15243	1.19472	1.19472	0.110799	1.22344	1.22344	0.410956	0.907021	-1.10251	0.471279	1.08878	1.08878	0.247274	1.15075	1.15075	1.94356	0.414707	0.189667	1
cg11409022	ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3	0.181043	0.506459	0.602405	-1.66001	0.0106371	0.0893691	-11.1896	0.0741282	0.223947	-4.46535	0.454634	1.77295	1.77295	0.19571	0.357424	-2.7978	0.468886	0.574603	-1.74033	0.900507	0.910244	-1.09861	0.48069	0.583346	-1.71425	0.889076	1.11063	1.11063	1.94355	17.4017	7.95875	1
cg13755614	DOLK;NUP188	0.181047	0.159185	0.782681	-1.27766	0.83749	1.03401	1.03401	0.558218	1.10123	1.10123	0.544645	1.10501	1.10501	0.361953	1.16487	1.16487	0.195323	0.800069	-1.24989	0.0149897	0.614438	-1.6275	0.571672	1.09755	1.09755	0.503116	0.895237	-1.11702	1.94352	0.816382	0.37338	1
cg03731348	RAD52	0.181054	0.309745	1.21728	1.21728	0.230312	1.26542	1.26542	0.319196	0.824847	-1.21235	0.122481	1.3676	1.3676	0.34487	1.1996	1.1996	0.0253686	1.644	1.644	0.716807	1.07051	1.07051	0.440093	0.863054	-1.15868	0.340178	0.832042	-1.20186	1.94349	1.07697	0.492572	1
cg19309463	KIAA1688	0.181055	0.215944	2.16398	2.16398	0.0271932	4.70979	4.70979	0.566183	1.41023	1.41023	0.703139	1.25479	1.25479	0.182968	2.31093	2.31093	0.128203	2.65063	2.65063	0.0196421	5.31702	5.31702	0.235982	2.0879	2.0879	0.643102	1.31864	1.31864	1.94348	10.8159	4.94686	1
cg04968197	GNL1	0.181058	0.198018	0.830057	-1.20474	0.160367	0.814383	-1.22792	0.0635994	0.751617	-1.33046	0.371439	0.881932	-1.13387	0.167122	0.817398	-1.22339	0.285899	0.859217	-1.16385	0.0638887	0.751908	-1.32995	0.746172	0.956509	-1.04547	0.145143	1.23887	1.23887	1.94347	0.57692	0.263867	1
cg11956146	CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR;CABYR	0.18106	0.0855875	0.508858	-1.96518	0.662705	0.855525	-1.16887	0.362697	1.39461	1.39461	0.355081	1.40246	1.40246	0.0139882	2.94179	2.94179	0.499422	1.27603	1.27603	0.574153	1.22368	1.22368	0.906616	0.959136	-1.0426	0.802744	1.09307	1.09307	1.94346	3.89065	1.77949	1
cg12275871	ADPRHL1;ADPRHL1	0.181062	0.259846	0.380479	-2.62827	0.0644286	0.181224	-5.51802	0.525619	0.589328	-1.69685	0.643954	1.46614	1.46614	0.0940867	0.220167	-4.542	0.472441	0.548346	-1.82367	0.30607	0.418436	-2.38985	0.672699	0.705157	-1.41812	0.0132415	0.0801266	-12.4802	1.94344	20.8047	9.51564	1
cg08189861	FLYWCH2;FLYWCH2;FLYWCH2	0.181067	0.425375	0.912338	-1.09608	0.0564037	0.783904	-1.27567	0.489378	0.923903	-1.08236	0.870467	0.981775	-1.01856	0.149419	0.840116	-1.19031	0.0382991	0.762946	-1.31071	0.973463	1.00376	1.00376	0.205181	0.860145	-1.16259	0.0298472	0.749707	-1.33385	1.94342	0.390977	0.178827	1
cg23323158	FSTL4	0.181069	0.691289	0.889397	-1.12436	0.343283	1.33203	1.33203	0.0421219	0.502778	-1.98895	0.0211785	0.443178	-2.25643	0.623142	0.864636	-1.15656	0.549341	1.19471	1.19471	0.951136	1.01816	1.01816	0.504536	1.22002	1.22002	0.479619	0.809747	-1.23495	1.9434	2.65422	1.21401	1
cg10107466	BRSK2	0.181071	0.381148	0.761641	-1.31295	0.334592	1.35207	1.35207	0.532691	1.21112	1.21112	0.0570969	1.92032	1.92032	0.0448371	0.497583	-2.00971	0.147919	1.60083	1.60083	0.959796	1.0154	1.0154	0.383424	1.31116	1.31116	0.868875	1.05136	1.05136	1.9434	2.82793	1.29347	1
cg18782491	GRM3	0.181071	0.155134	0.515813	-1.93869	0.137625	0.498703	-2.0052	0.0436272	0.364435	-2.74398	0.284423	0.616396	-1.62233	0.0261866	0.317328	-3.15132	0.833054	0.912243	-1.0962	0.380207	0.675914	-1.47948	0.42426	1.42633	1.42633	0.831636	0.911519	-1.09707	1.94339	5.82796	2.66565	1
cg09303161	OBFC2A;OBFC2A	0.181074	0.292437	0.890348	-1.12316	0.758025	1.0334	1.0334	0.0587833	1.25479	1.25479	0.868683	1.01775	1.01775	0.549268	1.06655	1.06655	0.0825394	1.22688	1.22688	0.272443	0.885624	-1.12915	0.103163	0.827326	-1.20871	0.461362	1.083	1.083	1.94338	0.348002	0.159174	1
cg05792022	FOXO1	0.181075	0.620161	1.09915	1.09915	0.237316	1.26397	1.26397	0.584012	0.900662	-1.11029	0.852028	1.03596	1.03596	0.541051	1.12421	1.12421	0.719321	0.933996	-1.07067	0.00763908	0.522615	-1.91346	0.794603	0.951832	-1.05061	0.516745	1.13246	1.13246	1.94338	1.10199	0.504044	1
cg08320659	HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE;HFE	0.181078	0.397718	0.618966	-1.6156	0.302049	0.553049	-1.80816	0.0929095	0.359108	-2.78467	0.327597	0.571305	-1.75038	0.218883	0.488529	-2.04696	0.169945	2.24744	2.24744	0.408591	1.59717	1.59717	0.825477	0.884845	-1.13014	0.0700956	3.07044	3.07044	1.94336	9.44573	4.32047	1
cg19624630	NEK7	0.181079	0.0762935	0.311663	-3.20859	0.0620091	0.288749	-3.46322	0.0343149	0.232341	-4.30401	0.337137	0.557111	-1.79497	0.0921214	0.334202	-2.9922	0.448689	0.633555	-1.57839	0.0739932	0.308161	-3.24506	0.976577	1.01751	1.01751	0.360476	0.573642	-1.74325	1.94335	10.7557	4.91965	1
cg13620034	MSC	0.181081	0.0899608	16.6193	16.6193	0.698032	1.79734	1.79734	0.317939	4.72266	4.72266	0.356551	4.16209	4.16209	0.0385873	36.7137	36.7137	0.535107	0.388848	-2.5717	0.852975	0.756549	-1.32179	0.0518146	27.8783	27.8783	0.0864295	17.2595	17.2595	1.94334	69.6041	31.8371	1
cg06146665	USP36	0.181082	0.552845	1.40037	1.40037	0.133297	0.40322	-2.48004	0.933779	0.95446	-1.04771	0.86547	0.909282	-1.09977	0.0356435	0.25373	-3.9412	0.0939248	0.355937	-2.80949	0.267236	1.91217	1.91217	0.243584	1.98238	1.98238	0.54733	0.710678	-1.40711	1.94333	9.68144	4.42833	1
cg09338412	GGT1	0.181088	0.138701	0.416702	-2.3998	0.213864	0.487331	-2.052	0.371118	0.60388	-1.65596	0.462197	0.662948	-1.50841	0.0507347	0.294475	-3.39588	0.18954	0.466157	-2.1452	0.015035	0.193697	-5.16271	0.103626	0.376243	-2.65786	0.388201	0.615256	-1.62534	1.9433	9.28375	4.24649	1
cg00423487	UBXN6;UBXN6	0.181089	0.52861	1.18343	1.18343	0.970483	1.00981	1.00981	0.0358891	1.90403	1.90403	0.37916	1.26872	1.26872	0.789858	0.931963	-1.073	0.251847	0.729209	-1.37135	0.552313	0.853332	-1.17188	0.0596201	0.570759	-1.75205	0.278214	1.34643	1.34643	1.9433	2.14192	0.979742	1
cg08906009	OR14J1	0.181092	0.333737	0.729875	-1.3701	0.105389	0.571922	-1.74849	0.212203	0.660331	-1.51439	0.148213	1.63207	1.63207	0.493641	1.24552	1.24552	0.137929	1.6562	1.6562	0.105162	1.74924	1.74924	0.429316	1.29022	1.29022	0.748435	1.10697	1.10697	1.94328	3.06993	1.40423	1
cg26358590	MBP;MBP	0.181093	0.808664	0.936093	-1.06827	0.317034	1.32521	1.32521	0.921192	1.0273	1.0273	0.891856	1.03772	1.03772	0.0905933	0.601961	-1.66124	0.0437539	1.87945	1.87945	0.3995	0.790738	-1.26464	0.278971	1.35855	1.35855	0.12428	0.635679	-1.57312	1.94327	2.28066	1.04322	1
cg26464882	SHISA9	0.181098	0.594954	1.39302	1.39302	0.202433	2.29629	2.29629	0.899511	0.924927	-1.08117	0.780894	1.18797	1.18797	0.525155	1.48848	1.48848	0.13659	2.69305	2.69305	0.105795	2.97831	2.97831	0.0288384	0.203488	-4.91431	0.346899	1.81906	1.81906	1.94325	11.7438	5.37189	1
cg00194374	ITPKB	0.181099	0.852879	0.963082	-1.03833	0.192393	1.32257	1.32257	0.667953	1.09138	1.09138	0.288252	1.25032	1.25032	0.463383	0.859639	-1.16328	0.0309666	1.67074	1.67074	0.567644	0.889536	-1.12418	0.0331564	1.65638	1.65638	0.331304	1.22521	1.22521	1.94325	1.26369	0.578042	1
cg15939287	NRXN2;NRXN2;NRXN2	0.181099	0.185147	0.392841	-2.54556	0.426258	0.582649	-1.7163	0.445047	1.67807	1.67807	0.440033	0.59239	-1.68808	0.0676497	0.256364	-3.9007	0.238566	0.440097	-2.27223	0.0462388	0.219065	-4.56487	0.0340154	0.192958	-5.18247	0.38935	0.556251	-1.79775	1.94325	13.6063	6.22386	1
cg11233153	SLC10A3;SLC10A3;SLC10A3;SLC10A3	0.1811	0.014084	0.00266681	-374.979	0.610844	0.394948	-2.53198	0.81011	0.647438	-1.54455	0.681702	2.10796	2.10796	0.750611	0.562059	-1.77917	0.0834226	0.0275803	-36.2578	0.382137	5.11605	5.11605	0.510928	3.35196	3.35196	0.798023	1.58908	1.58908	2.15538	105.888	32.7515	1
cg18003112	DOCK1	0.181107	0.687234	1.07659	1.07659	0.114967	0.731602	-1.36686	0.741322	1.06226	1.06226	0.717216	0.935832	-1.06857	0.95473	1.0104	1.0104	0.785967	0.951582	-1.05088	0.155837	1.31898	1.31898	0.0151065	0.580194	-1.72356	0.319545	0.828983	-1.2063	1.9432	1.02317	0.468033	1
cg18000638	FXC1;ARFIP2	0.181111	0.152178	0.78608	-1.27213	0.0662696	1.38161	1.38161	0.321117	1.17452	1.17452	0.111298	0.761707	-1.31284	0.131749	0.774684	-1.29085	0.446983	0.885479	-1.12933	0.551357	1.09919	1.09919	0.601811	1.08612	1.08612	0.594277	1.08802	1.08802	1.94318	0.757811	0.346654	1
cg25548942	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.181123	0.318697	0.837222	-1.19443	0.0427848	1.49481	1.49481	0.207999	1.25717	1.25717	0.577314	0.9075	-1.10193	0.531383	0.896462	-1.1155	0.945832	1.01178	1.01178	0.0927982	1.37553	1.37553	0.353978	1.17869	1.17869	0.0857049	1.38742	1.38742	1.94311	0.914641	0.418408	1
cg21644826	ACSM3;ACSM3;ACSM3;ACSM3	0.181123	0.111249	0.281722	-3.5496	0.0520049	0.19904	-5.02412	0.514661	0.617244	-1.6201	0.0852917	0.249286	-4.01145	0.0679374	0.224714	-4.45009	0.475413	0.588625	-1.69887	0.0308933	0.157125	-6.36435	0.765183	0.803541	-1.24449	0.243316	0.410046	-2.43875	1.94311	16.4094	7.50658	1
cg16878641	NME3	0.181125	0.910752	1.01795	1.01795	0.621706	0.924116	-1.08212	0.212704	1.23152	1.23152	0.986738	1.00264	1.00264	0.757411	1.05039	1.05039	0.134981	1.29133	1.29133	0.461087	0.887754	-1.12644	0.481863	0.892771	-1.12011	0.010914	1.66027	1.66027	1.9431	0.774774	0.354428	1
cg20718434	ELFN1	0.181126	0.411901	0.5534	-1.80701	0.0188584	7.43362	7.43362	0.0395763	5.35804	5.35804	0.490576	1.63858	1.63858	0.456404	0.585717	-1.70731	0.400676	1.8343	1.8343	0.52939	1.56727	1.56727	0.80297	1.1928	1.1928	0.899218	0.914521	-1.09347	1.94309	15.3049	7.0014	1
cg10477621	FERD3L	0.181128	0.0654983	9.78576	9.78576	0.110434	6.8164	6.8164	0.0652152	9.81491	9.81491	0.638118	1.68658	1.68658	0.263384	3.61992	3.61992	0.619149	1.73824	1.73824	0.64124	1.67829	1.67829	0.0155357	26.4305	26.4305	0.371254	2.75377	2.75377	1.94309	37.4641	17.1384	1
cg14759366	RBPJL	0.181137	0.997583	1.00181	1.00181	0.432343	1.61157	1.61157	0.980428	0.985497	-1.01472	0.855199	0.896921	-1.11493	0.00947904	7.08221	7.08221	0.724233	0.809812	-1.23485	0.253288	2.03507	2.03507	0.0757142	3.2456	3.2456	0.284282	1.93947	1.93947	1.94304	10.9138	4.99278	1
cg12792086	CPLX1	0.181138	0.130378	0.532797	-1.87689	0.632531	1.20402	1.20402	0.965296	0.983372	-1.01691	0.0605763	0.442437	-2.26021	0.258205	0.634647	-1.57568	0.411303	0.723408	-1.38235	0.0381634	2.52456	2.52456	0.942007	0.97235	-1.02844	0.672366	0.848794	-1.17814	1.94303	4.57088	2.09106	1
cg10922808	CSTF1;CSTF1;CSTF1	0.181143	0.429853	0.796353	-1.25572	0.0910485	0.590971	-1.69213	0.328222	0.751887	-1.32999	0.0272836	0.47801	-2.09201	0.199282	0.681645	-1.46704	0.621694	0.868879	-1.15091	0.139541	0.638079	-1.5672	0.372441	0.772014	-1.29531	0.0238713	0.466828	-2.14212	1.94301	2.45722	1.12413	1
cg12828819	FAT4	0.181144	0.0920384	0.756858	-1.32125	0.978873	1.00399	1.00399	0.175931	1.24129	1.24129	0.411791	1.13435	1.13435	0.122625	0.7778	-1.28568	0.93905	1.01155	1.01155	0.175782	0.805546	-1.24139	0.239256	1.20336	1.20336	0.166617	1.24797	1.24797	1.943	0.694324	0.317642	1
cg11036041	LIMCH1;LIMCH1;LIMCH1	0.181154	0.548174	1.62583	1.62583	0.400667	1.98988	1.98988	0.884348	0.890105	-1.12346	0.217227	2.82466	2.82466	0.159067	3.33277	3.33277	0.070905	5.02266	5.02266	0.236674	2.69579	2.69579	0.0133256	11.6162	11.6162	0.117182	3.90089	3.90089	1.94295	19.6861	9.00628	1
cg27351783	MCC;MCC	0.181154	0.053793	0.39595	-2.52557	0.522683	1.31536	1.31536	0.588917	0.79386	-1.25967	0.387542	0.68747	-1.45461	0.0130342	0.271625	-3.68154	0.987678	1.00656	1.00656	0.88217	1.06476	1.06476	0.580913	1.26608	1.26608	0.374009	0.679702	-1.47123	1.94295	5.50886	2.52028	1
cg27218978	MGAT5	0.181154	0.197164	0.396504	-2.52204	0.257728	2.22856	2.22856	0.0709288	3.93135	3.93135	0.482202	0.615917	-1.62359	0.147204	0.348063	-2.87304	0.714346	0.779245	-1.28329	0.290124	2.1063	2.1063	0.892075	1.09648	1.09648	0.0987625	0.292811	-3.41517	1.94294	14.1664	6.48107	1
cg12865497	SCO1	0.181156	0.149958	0.571437	-1.74997	0.0843897	0.500489	-1.99804	0.12237	0.544968	-1.83497	0.84085	0.929696	-1.07562	0.442556	0.752858	-1.32827	0.872425	0.943399	-1.06	0.0174942	0.350421	-2.85371	0.543149	0.79999	-1.25002	0.0634963	0.469289	-2.13088	1.94294	4.0452	1.85067	1
cg08002791	GPR133	0.181157	0.244914	0.216151	-4.62639	0.634654	1.8273	1.8273	0.764089	0.684521	-1.46088	0.519385	2.27622	2.27622	0.110084	0.111561	-8.96374	0.199924	0.181727	-5.50276	0.036341	0.046686	-21.4197	0.0371839	0.0475321	-21.0384	0.674444	0.58741	-1.70239	1.94293	48.8007	22.3263	1
cg05827089	EIF2C2;EIF2C2	0.181158	0.164137	2.46775	2.46775	0.0902859	3.11371	3.11371	0.2431	2.1027	2.1027	0.550717	1.44387	1.44387	0.0667187	0.286255	-3.49339	0.861132	1.11242	1.11242	0.840064	1.13083	1.13083	0.104041	2.94892	2.94892	0.151595	2.54679	2.54679	1.94292	11.3926	5.21215	1
cg14543285	RCOR1	0.181159	0.0853092	0.315727	-3.16729	0.295752	0.518349	-1.9292	0.190934	0.432028	-2.31466	0.947638	1.04061	1.04061	0.0181584	0.175788	-5.68868	0.435154	0.6172	-1.62022	0.0839711	0.313837	-3.18636	0.703275	0.792996	-1.26104	0.0848025	0.315014	-3.17446	1.94292	11.3025	5.17089	1
cg15358396	NEURL4;NEURL4;GPS2	0.181163	0.825839	1.05356	1.05356	0.540482	1.15802	1.15802	0.736315	1.08331	1.08331	0.0105085	2.14326	2.14326	0.246643	1.33221	1.33221	0.40925	1.22118	1.22118	0.292504	0.772158	-1.29507	0.623914	1.12412	1.12412	0.0863378	1.56612	1.56612	1.9429	1.7249	0.789154	1
cg18613324	RBM9;RBM9;RBM9;RBM9;RBM9;RBM9	0.181164	0.135438	0.420871	-2.37602	0.880276	0.922141	-1.08443	0.426764	0.646352	-1.54714	0.361776	0.604018	-1.65558	0.0343346	0.265103	-3.77211	0.667124	0.792388	-1.26201	0.141353	0.427152	-2.34109	0.0160999	0.205187	-4.8736	0.281289	0.547591	-1.82618	1.94289	8.89983	4.07175	1
cg08600765	LOC647979	0.181166	0.124907	0.618672	-1.61636	0.0503913	0.524825	-1.9054	0.840805	1.05986	1.05986	0.344144	1.32537	1.32537	0.117863	0.612083	-1.63377	0.206264	1.47017	1.47017	0.17987	0.662493	-1.50945	0.405546	0.781928	-1.27889	0.375327	0.768727	-1.30085	1.94288	2.57126	1.17638	1
cg25127011	EEF1DP3	0.18117	0.0337905	0.793064	-1.26093	0.243121	0.892033	-1.12104	0.942195	0.99324	-1.00681	0.955898	0.99484	-1.00519	0.931426	0.991982	-1.00808	0.177932	1.14329	1.14329	0.243377	1.12096	1.12096	0.0664819	0.824888	-1.21229	0.91001	0.989479	-1.01063	1.94286	0.269244	0.123183	1
cg04476764	TMEM155	0.181171	0.103498	0.39391	-2.53865	0.366556	1.62473	1.62473	0.690382	1.23305	1.23305	0.146809	0.442762	-2.25855	0.0766267	0.356859	-2.80223	0.252107	0.534759	-1.87	0.0720571	0.349765	-2.85907	0.385528	0.627849	-1.59274	0.0881823	0.373662	-2.67621	1.94285	8.42322	3.85377	1
cg10331424	MTSS1L	0.181172	0.295482	0.296292	-3.37505	0.863655	1.21254	1.21254	0.62563	1.73551	1.73551	0.550797	0.50827	-1.96746	0.0616712	0.0944308	-10.5898	0.244044	0.254983	-3.92183	0.0184256	0.040523	-24.6773	0.151071	0.178146	-5.61338	0.148414	0.175861	-5.68629	1.94285	38.6834	17.6983	1
cg18375296	ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;THOC4;ANAPC11;ANAPC11	0.181179	0.0663692	1.98305	1.98305	0.758297	0.902463	-1.10808	0.0390517	0.451943	-2.21267	0.492901	0.793303	-1.26055	0.422312	0.761448	-1.31329	0.847675	0.93806	-1.06603	0.331492	0.716666	-1.39535	0.163628	0.610002	-1.63934	0.13106	0.581536	-1.71958	1.94281	3.40181	1.55642	1
cg14881567	EPS15L1	0.18118	0.362297	1.12576	1.12576	0.225774	0.851352	-1.1746	0.667409	1.05621	1.05621	0.341704	0.88343	-1.13195	0.0532367	1.32026	1.32026	0.135158	1.22599	1.22599	0.0505477	1.32565	1.32565	0.888959	0.982482	-1.01783	0.446925	1.10304	1.10304	1.9428	0.492466	0.225317	1
cg08424219	ABCD2	0.181181	0.61932	0.89436	-1.11812	0.0674483	1.57896	1.57896	0.0296096	1.76985	1.76985	0.209996	0.744903	-1.34246	0.683085	0.912558	-1.09582	0.943546	0.984337	-1.01591	0.237918	0.759124	-1.31731	0.571959	0.880458	-1.13577	0.870628	1.037	1.037	1.9428	1.52906	0.699589	1
cg27347728	LAP3	0.181183	0.504651	0.836385	-1.19562	0.46492	1.21686	1.21686	0.265428	1.35835	1.35835	0.287593	0.747235	-1.33827	0.458054	0.819212	-1.22068	0.0214827	0.482418	-2.07289	0.279291	0.743163	-1.3456	0.927261	0.976192	-1.02439	0.158917	1.48787	1.48787	1.94279	2.14285	0.980423	1
cg04419680	NLGN4Y;NLGN4Y;NLGN4Y	0.181183	0.525586	0.751109	-1.33136	0.0344195	0.325437	-3.07279	0.0200473	0.276952	-3.61073	0.921808	1.04456	1.04456	?	?	?	0.463689	0.717412	-1.3939	0.686024	0.834754	-1.19796	0.857112	0.923073	-1.08334	0.542019	1.31601	1.31601	2.0425	5.55077	2.37793	1
cg18036068	C18orf62	0.181186	0.109816	0.571835	-1.74876	0.0296086	0.439925	-2.27311	0.0689065	0.52063	-1.92075	0.351377	0.735264	-1.36006	0.703891	1.13025	1.13025	0.158878	0.617037	-1.62065	0.380459	0.749418	-1.33437	0.701035	0.883654	-1.13166	0.059229	0.505145	-1.97963	1.94277	3.16333	1.44734	1
cg19325637	PTPRJ;PTPRJ	0.181189	0.0580186	0.629848	-1.58769	0.321025	1.24758	1.24758	0.484403	1.16568	1.16568	0.954468	1.0124	1.0124	0.0260658	1.76778	1.76778	0.634194	0.901748	-1.10896	0.979472	1.00557	1.00557	0.249568	0.771344	-1.29644	0.975699	0.99345	-1.00659	1.94276	1.4322	0.655287	1
cg17255302	KRT75	0.18119	0.194105	0.51943	-1.92519	0.0971403	0.419767	-2.38228	0.0145607	0.238172	-4.19865	0.565813	0.758237	-1.31885	0.140633	0.469689	-2.12907	0.790532	0.880797	-1.13534	0.0845748	0.402703	-2.48322	0.751719	1.16338	1.16338	0.640414	0.79907	-1.25146	1.94275	6.99452	3.20028	1
cg06481168	C4orf39;TRIM61	0.181192	?	?	?	0.169554	0.173168	-5.77475	0.190941	0.190249	-5.25627	0.911732	1.14212	1.14212	0.0451769	0.0636838	-15.7026	0.853462	0.801262	-1.24803	0.0277135	0.0442252	-22.6116	0.141289	0.150212	-6.65725	0.780676	0.715704	-1.39723	1.95496	39.5215	20.2161	1
cg18021100	BAT1;BAT1	0.181192	0.644501	0.927197	-1.07852	0.60266	0.918104	-1.0892	0.0716065	1.38719	1.38719	0.198561	1.24737	1.24737	0.31984	0.845999	-1.18203	0.493691	1.11972	1.11972	0.0888459	0.736883	-1.35707	0.202778	1.24452	1.24452	0.237367	0.817599	-1.22309	1.94274	0.814349	0.372601	1
cg23575124	SEC61A2;SEC61A2;NUDT5;SEC61A2	0.181193	0.790252	1.06051	1.06051	0.0561838	0.620894	-1.61058	0.109649	0.680893	-1.46866	0.113801	1.46104	1.46104	0.836995	0.955616	-1.04645	0.844923	0.957762	-1.0441	0.0604245	0.627113	-1.59461	0.953795	0.987312	-1.01285	0.290424	0.785222	-1.27353	1.94273	1.49428	0.683702	1
cg25356611	HCCA2	0.181196	0.337755	0.727025	-1.37547	0.491263	1.25298	1.25298	0.0462998	0.478834	-2.08841	0.175429	0.628257	-1.59171	0.0743484	0.526559	-1.89912	0.222875	0.66154	-1.51162	0.289306	0.701302	-1.42592	0.0470119	0.4803	-2.08203	0.157857	0.614395	-1.62762	1.94272	3.20182	1.46499	1
cg00558219	NR4A2	0.181196	0.20099	0.735533	-1.35956	0.421526	1.20532	1.20532	0.0618879	0.619903	-1.61316	0.920002	0.977412	-1.02311	0.399747	0.821967	-1.21659	0.0484575	0.598843	-1.66989	0.896467	0.970825	-1.03005	0.429682	1.20123	1.20123	0.0655078	0.624909	-1.60023	1.94271	1.59154	0.728208	1
cg22674793	RUFY3	0.1812	0.0677427	1.67068	1.67068	0.737644	1.08798	1.08798	0.389274	1.24768	1.24768	0.299677	0.763703	-1.30941	0.0697351	0.601277	-1.66313	0.777162	0.931307	-1.07376	0.144606	0.675022	-1.48143	0.205049	1.39845	1.39845	0.709196	0.910321	-1.09851	1.94269	1.93547	0.885585	1
cg01814495	CDIPT	0.181201	0.310644	0.728422	-1.37283	0.0768184	1.81197	1.81197	0.0340499	2.11118	2.11118	0.99183	1.0031	1.0031	0.148082	0.625832	-1.59787	0.634208	1.1558	1.1558	0.230563	1.46217	1.46217	0.943298	1.02172	1.02172	0.762942	0.912676	-1.09568	1.94269	2.8073	1.28449	1
cg24994893	DHX8	0.181202	0.0894567	0.344078	-2.90631	0.804445	0.868186	-1.15183	0.25918	1.95562	1.95562	0.768058	1.18353	1.18353	0.747614	1.20196	1.20196	0.0221427	0.209512	-4.77299	0.310936	1.81726	1.81726	0.820889	1.13792	1.13792	0.33305	1.76637	1.76637	1.94269	9.98846	4.57029	1
cg03950669	TIMM8B;TIMM8B;SDHD;SDHD	0.181202	0.033524	0.568134	-1.76015	0.643452	0.899319	-1.11195	0.906378	0.973571	-1.02715	0.946764	1.01532	1.01532	0.556104	1.14516	1.14516	0.760517	1.07208	1.07208	0.397491	1.21803	1.21803	0.0300351	1.78783	1.78783	0.419285	0.828719	-1.20668	1.94268	1.59466	0.729648	1
cg16683414	THAP7;THAP7	0.181203	0.324873	0.543195	-1.84096	0.254777	0.489785	-2.04171	0.378481	1.72016	1.72016	0.435119	0.620011	-1.61287	0.111138	0.352809	-2.83439	0.653564	0.762465	-1.31154	0.117145	0.359968	-2.77802	0.0128025	0.156285	-6.39856	0.439688	0.623076	-1.60494	1.94268	11.0874	5.07314	1
cg24451117	MAP3K5	0.181206	0.906089	1.07055	1.07055	0.0182796	5.23091	5.23091	0.08747	2.97367	2.97367	0.494167	1.49341	1.49341	0.359824	0.580512	-1.72262	0.596371	0.734354	-1.36174	0.665433	0.777774	-1.28572	0.136934	2.5231	2.5231	0.86341	0.90532	-1.10458	1.94266	10.2668	4.69768	1
cg12508451	LOC145845	0.181208	0.654842	1.20111	1.20111	0.0427755	2.58487	2.58487	0.0836531	2.18079	2.18079	0.899487	1.05281	1.05281	0.270463	1.59564	1.59564	0.0877596	2.15427	2.15427	0.025585	2.94515	2.94515	0.291892	1.56105	1.56105	0.888513	1.05879	1.05879	1.94265	5.10265	2.33479	1
cg08560734	COL23A1	0.181212	0.330959	0.461193	-2.16829	0.0263391	0.131027	-7.63202	0.0463611	0.171937	-5.81607	0.981216	1.01833	1.01833	0.385993	0.503753	-1.9851	0.892699	1.10974	1.10974	0.0628038	0.198864	-5.02857	0.595693	1.5116	1.5116	0.892633	0.901053	-1.10981	1.94263	18.3144	8.38014	1
cg02700346	TMEM132C	0.181215	0.329655	0.676947	-1.47722	0.277221	0.645143	-1.55004	0.426271	0.729738	-1.37036	0.299983	1.51676	1.51676	0.244273	0.623476	-1.60391	0.0209751	0.340569	-2.93627	0.844511	1.07913	1.07913	0.2943	1.52481	1.52481	0.153371	0.552707	-1.80928	1.94261	4.62785	2.11758	1
cg09017174	SLC1A2;SLC1A2	0.181215	0.807542	0.96803	-1.03303	0.390449	0.889444	-1.1243	0.753071	1.04291	1.04291	0.287029	1.15857	1.15857	0.0120926	1.51671	1.51671	0.919372	1.01357	1.01357	0.13089	1.24255	1.24255	0.317587	1.14745	1.14745	0.145831	1.23108	1.23108	1.94261	0.545343	0.249535	1
cg06459669	XPNPEP1;XPNPEP1;XPNPEP1	0.18122	0.179766	0.813768	-1.22885	0.691932	1.0593	1.0593	0.68452	1.06086	1.06086	0.727182	1.05197	1.05197	0.292911	1.17096	1.17096	0.859313	1.02599	1.02599	0.0127612	0.639211	-1.56443	0.785962	0.961394	-1.04016	0.240987	1.19428	1.19428	1.94259	0.643669	0.29453	1
cg16963426	MAST1	0.18122	0.0279278	0.477271	-2.09525	0.840421	1.05909	1.05909	0.139095	0.635493	-1.57358	0.956231	0.984492	-1.01575	0.158384	0.650911	-1.53631	0.944517	1.02002	1.02002	0.0535769	0.535667	-1.86683	0.111203	0.610119	-1.63902	0.824243	1.06539	1.06539	1.94259	2.4948	1.14157	1
cg22335900	GALNT8	0.181222	0.222912	0.743055	-1.34579	0.061019	1.63165	1.63165	0.380933	1.2317	1.2317	0.761416	0.931821	-1.07317	0.266414	0.764514	-1.30802	0.195883	0.728213	-1.37322	0.0646397	1.61814	1.61814	0.673058	1.10342	1.10342	0.707639	0.916346	-1.09129	1.94258	1.65433	0.756993	1
cg01277126	PDK4	0.181222	0.0852145	1.84041	1.84041	0.223154	1.50727	1.50727	0.215956	1.51804	1.51804	0.0555131	2.00496	2.00496	0.338957	0.729101	-1.37155	0.655828	1.15464	1.15464	0.226548	1.50232	1.50232	0.0462732	2.07895	2.07895	0.192397	1.55623	1.55623	1.94257	3.16125	1.44653	1
cg26435178	SPOCK2;SPOCK2	0.181223	0.700923	0.843142	-1.18604	0.160492	1.94029	1.94029	0.455956	0.714838	-1.39892	0.0418325	2.82109	2.82109	0.229469	1.74632	1.74632	0.763507	0.875106	-1.14272	0.131605	0.48694	-2.05364	0.225093	0.569322	-1.75647	0.500748	1.35277	1.35277	1.94257	6.01374	2.75179	1
cg17337670	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.181225	0.106585	0.265896	-3.76087	0.227543	2.59169	2.59169	0.827637	1.17813	1.17813	0.36316	0.495297	-2.01899	0.0497609	0.185908	-5.37902	0.393357	0.518244	-1.92959	0.0480232	0.182849	-5.469	0.715523	0.759448	-1.31675	0.179397	0.342282	-2.92157	1.94256	17.3878	7.95643	1
cg03831666	RG9MTD1	0.181229	0.0593616	0.723143	-1.38285	0.170922	1.24862	1.24862	0.059919	1.38163	1.38163	0.978587	0.995921	-1.0041	0.507296	0.902625	-1.10788	0.16573	0.798417	-1.25248	0.75778	0.953982	-1.04824	0.41262	1.13606	1.13606	0.667399	1.06805	1.06805	1.94254	0.713542	0.326511	1
cg08847761	INTS1	0.181235	0.0834788	0.692085	-1.44491	0.0108947	0.541162	-1.84787	0.487386	0.873239	-1.14516	0.27151	0.802597	-1.24596	0.235685	0.787622	-1.26964	0.597733	0.902763	-1.10771	0.966576	1.00808	1.00808	0.115071	0.719529	-1.3898	0.167949	0.754045	-1.32618	1.94251	1.13537	0.519545	1
cg00219303	TRIOBP;TRIOBP;TRIOBP	0.181235	0.713172	0.928122	-1.07744	0.270714	1.26072	1.26072	0.407244	1.18682	1.18682	0.0773446	1.48692	1.48692	0.0405129	0.620054	-1.61276	0.554303	0.886173	-1.12845	0.994616	1.00136	1.00136	0.319402	1.23107	1.23107	0.209632	0.765567	-1.30622	1.9425	1.25571	0.574611	1
cg26524552	AK3L1;AK3L1;AK3L1	0.181236	0.374932	0.622745	-1.6058	0.722718	1.20357	1.20357	0.578615	1.33882	1.33882	0.352519	0.608015	-1.6447	0.508171	0.705311	-1.41781	0.43247	0.659267	-1.51684	0.00549346	0.149782	-6.67638	0.293999	0.567743	-1.76136	0.741813	0.842029	-1.18761	1.9425	8.32123	3.8078	1
cg03093806	SRP14;SRP14	0.181243	0.77135	0.928294	-1.07724	0.886013	0.964037	-1.0373	0.0530662	1.75291	1.75291	0.0405533	0.546665	-1.82927	0.940843	0.981227	-1.01913	0.0894899	0.61998	-1.61296	0.307423	0.763546	-1.30968	0.530921	0.850377	-1.17595	0.770597	1.07752	1.07752	1.94246	2.00587	0.917902	1
cg23961530	RFX1	0.181245	0.265594	1.28883	1.28883	0.0639287	1.57687	1.57687	0.181553	0.733312	-1.36368	0.844554	0.957974	-1.04387	0.353914	0.811718	-1.23196	0.516962	1.15454	1.15454	0.0410807	0.597187	-1.67452	0.766255	1.06738	1.06738	0.785887	1.06136	1.06136	1.94245	1.47162	0.673429	1
cg03068874	PTPRN2;PTPRN2;PTPRN2	0.181246	0.115235	1.5238	1.5238	0.144202	0.679872	-1.47087	0.120418	0.660795	-1.51333	0.252191	0.745131	-1.34205	0.0685549	0.605637	-1.65115	0.256659	0.747366	-1.33803	0.362832	1.25864	1.25864	0.897673	1.03215	1.03215	0.568375	0.867786	-1.15236	1.94245	1.86107	0.851649	1
cg04804094	ARHGEF10	0.181246	0.396032	0.671193	-1.48988	0.0177665	3.75157	3.75157	0.0591608	2.65732	2.65732	0.550142	0.757803	-1.3196	0.880199	1.07163	1.07163	0.292401	1.65049	1.65049	0.314557	1.61134	1.61134	0.518388	1.35032	1.35032	0.701739	0.838189	-1.19305	1.94245	6.47327	2.96225	1
cg20069969	DRP2;DRP2	0.181251	0.806089	0.850398	-1.17592	0.012549	0.129284	-7.73493	0.107505	0.314299	-3.18168	0.441188	0.59601	-1.67782	0.154507	0.366351	-2.72962	0.781765	0.832789	-1.20078	0.974079	1.02164	1.02164	0.400475	1.76309	1.76309	0.548783	1.49145	1.49145	1.94242	13.3558	6.11189	1
cg18987812	ADK;AP3M1;AP3M1	0.181251	0.124942	0.811828	-1.23179	0.255872	1.16052	1.16052	0.0879073	1.26667	1.26667	0.564458	1.07585	1.07585	0.140918	0.819741	-1.2199	0.355734	1.12663	1.12663	0.1978	0.842947	-1.18631	0.399203	1.11441	1.11441	0.355903	1.12658	1.12658	1.94242	0.484624	0.221773	1
cg15790839	MLL2	0.181255	0.604606	1.74053	1.74053	0.279993	3.29208	3.29208	0.394079	2.52479	2.52479	0.918397	0.896975	-1.11486	0.0658503	0.111945	-8.93299	0.115179	0.162474	-6.15483	0.0461318	0.088535	-11.295	0.908821	0.885546	-1.12925	0.25627	0.284438	-3.51571	1.9424	34.6282	15.8467	1
cg11463903	ING5	0.181261	0.121904	0.690118	-1.44903	0.586239	0.885524	-1.12928	0.168342	1.38366	1.38366	0.746299	0.93071	-1.07445	0.478566	1.17276	1.17276	0.142414	1.41738	1.41738	0.968858	0.991401	-1.00867	0.774948	1.06546	1.06546	0.0237944	1.8163	1.8163	1.94237	1.50532	0.688883	1
cg04703950	C10orf95	0.181262	0.15317	0.377684	-2.64772	0.262899	2.10223	2.10223	0.0946203	3.22026	3.22026	0.591766	0.708508	-1.41142	0.0926101	0.307875	-3.24807	0.175334	0.399552	-2.5028	0.172407	0.396743	-2.52052	0.828677	1.14792	1.14792	0.357242	0.547333	-1.82704	1.94236	12.4648	5.70429	1
cg13685506	CTNND2	0.181264	0.143911	0.434323	-2.30243	0.512615	1.42294	1.42294	0.110955	0.397565	-2.51531	0.286664	0.555611	-1.79982	0.223437	0.506905	-1.97275	0.607558	1.31673	1.31673	0.816827	0.884051	-1.13116	0.0542541	3.19074	3.19074	0.210731	0.496351	-2.0147	1.94235	8.67916	3.9719	1
cg16717480	KIAA1429;KIAA1429	0.181267	0.279253	1.8032	1.8032	0.0720016	2.86488	2.86488	0.132626	2.34067	2.34067	0.560955	0.734831	-1.36086	0.984218	1.01042	1.01042	0.777202	1.1603	1.1603	0.029346	0.260511	-3.83861	0.905529	0.939673	-1.0642	0.989027	1.00723	1.00723	1.94233	8.44951	3.86684	1
cg01004363	AGAP11;C10orf116	0.181268	0.0759398	0.491949	-2.03273	0.496777	0.780503	-1.28122	0.980852	1.00866	1.00866	0.485001	1.29028	1.29028	0.0540672	0.455971	-2.19312	0.716316	1.14006	1.14006	0.227169	0.634206	-1.57677	0.255597	1.53154	1.53154	0.0780885	0.495039	-2.02004	1.94232	3.96841	1.81611	1
cg11962947	SLC12A7	0.181272	0.84862	1.02758	1.02758	0.748651	0.955267	-1.04683	0.131314	1.261	1.261	0.75653	1.04527	1.04527	0.0801647	0.758555	-1.3183	0.264704	0.847486	-1.17996	0.839328	0.971514	-1.02932	0.0275295	1.44925	1.44925	0.880493	1.02165	1.02165	1.9423	0.623379	0.285287	1
cg10766475	RAB32	0.181274	0.564917	1.15688	1.15688	0.0851684	1.61077	1.61077	0.267365	1.33564	1.33564	0.143653	0.674662	-1.48222	0.0988646	0.635571	-1.57339	0.20855	1.39383	1.39383	0.230862	1.36999	1.36999	0.387601	1.24833	1.24833	0.38089	1.25247	1.25247	1.9423	1.9298	0.883168	1
cg14987607	NFASC;NFASC;NFASC;NFASC;NFASC;NFASC	0.181274	0.189495	0.583635	-1.7134	0.0579169	2.29467	2.29467	0.168552	1.76552	1.76552	0.266577	1.56593	1.56593	0.225282	0.610531	-1.63792	0.846653	0.92773	-1.0779	0.415886	1.38013	1.38013	0.0844109	2.09507	2.09507	0.941449	1.02887	1.02887	1.9423	4.61768	2.11328	1
cg16357477	C17orf90;CCDC137	0.181275	0.736397	0.959169	-1.04257	0.269274	0.86766	-1.15253	0.194881	0.844353	-1.18434	0.777066	0.96558	-1.03565	0.142997	0.823464	-1.21438	0.0623226	0.771908	-1.29549	0.780134	1.03513	1.03513	0.475807	0.914418	-1.09359	0.0454067	1.32732	1.32732	1.94229	0.468324	0.214329	1
cg23319171	MBP;MBP	0.181276	0.243048	0.701439	-1.42564	0.945505	1.02004	1.02004	0.937855	1.02289	1.02289	0.957745	0.984737	-1.0155	0.00617927	0.354638	-2.81977	0.430056	1.26342	1.26342	0.59905	1.1665	1.1665	0.950891	0.98228	-1.01804	0.465569	0.806079	-1.24057	1.94228	2.59219	1.18632	1
cg23250964	FAM26F	0.181277	0.851549	0.890153	-1.1234	0.393135	1.72173	1.72173	0.25798	0.480394	-2.08162	0.679439	1.29446	1.29446	0.0372627	0.222758	-4.48918	0.869044	0.902589	-1.10792	0.177177	0.410293	-2.43728	0.0364127	0.22078	-4.52939	0.172952	0.406261	-2.46147	1.94228	11.8671	5.43101	1
cg09677741	KLHL3;KLHL3	0.181279	0.0658063	0.427517	-2.33909	0.287611	0.634779	-1.57535	0.281571	0.630867	-1.58512	0.189275	0.564157	-1.77256	0.0337827	0.360473	-2.77414	0.264082	0.619287	-1.61476	0.0340002	0.361066	-2.76958	0.245747	0.606695	-1.64828	0.103707	0.480732	-2.08016	1.94227	5.21231	2.38544	1
cg07841866	NOS3	0.181287	0.510571	1.22168	1.22168	0.0882305	1.75838	1.75838	0.0789867	1.79534	1.79534	0.446934	1.26184	1.26184	0.457659	1.25473	1.25473	0.219603	1.473	1.473	0.00851848	2.73819	2.73819	0.486656	1.23622	1.23622	0.465157	1.24984	1.24984	1.94222	2.76893	1.26724	1
cg10930101	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	0.18129	0.0890829	0.450031	-2.22207	0.0893828	0.450435	-2.22008	0.0149784	0.279806	-3.5739	0.257244	0.604433	-1.65444	0.0621179	0.408892	-2.44563	0.366529	0.673668	-1.48441	0.67771	0.836977	-1.19478	0.530184	0.76279	-1.31098	0.609651	0.803107	-1.24516	1.94221	5.57727	2.55255	1
cg07035298	C11orf30	0.181291	0.588864	1.16983	1.16983	0.0925257	0.58734	-1.70259	0.0582945	0.540604	-1.84978	0.09212	0.586874	-1.70394	0.224966	1.44247	1.44247	0.380118	1.29537	1.29537	0.914045	0.96944	-1.03152	0.214787	0.68703	-1.45554	0.95658	1.01577	1.01577	1.9422	2.54165	1.16324	1
cg02579136	WNT11	0.181291	0.0573314	7.94427	7.94427	0.22189	3.44697	3.44697	0.939792	0.929776	-1.07553	0.179433	3.95308	3.95308	0.748788	0.73367	-1.36301	0.613969	1.63275	1.63275	0.227157	0.294604	-3.39438	0.0296901	11.7854	11.7854	0.385539	2.35722	2.35722	1.9422	28.5789	13.0797	1
cg23027854	RNF5;RNF5P1	0.181294	0.664553	1.40441	1.40441	0.506806	1.6892	1.6892	0.199706	2.87081	2.87081	0.338542	2.15527	2.15527	0.0436847	0.16447	-6.08015	0.283679	0.420212	-2.37975	0.625647	0.682008	-1.46626	0.215006	0.362054	-2.76202	0.0895839	0.232972	-4.29236	1.94218	18.6375	8.5299	1
cg10767146	LRRK1	0.181298	0.125606	0.560616	-1.78375	0.164636	1.67804	1.67804	0.715059	0.879842	-1.13657	0.618259	1.19172	1.19172	0.181723	0.609605	-1.64041	0.629509	0.843904	-1.18497	0.0243994	0.392018	-2.5509	0.44657	1.31111	1.31111	0.754042	1.11598	1.11598	1.94216	3.74959	1.71611	1
cg26709300	YPEL3;YPEL3	0.181301	0.181489	2.92449	2.92449	0.0949794	4.00727	4.00727	0.020198	8.32425	8.32425	0.0813916	4.31206	4.31206	0.240554	2.53341	2.53341	0.806783	1.20368	1.20368	0.0710772	4.59721	4.59721	0.317781	2.18418	2.18418	0.209743	2.71851	2.71851	1.94215	17.6052	8.05762	1
cg05932828	GLOD5	0.181304	0.949273	0.970651	-1.03024	0.0296676	0.301655	-3.31505	0.200084	0.530605	-1.88464	0.782387	1.13841	1.13841	0.0351278	0.316902	-3.15555	0.501928	1.37585	1.37585	0.374256	1.53267	1.53267	0.830374	1.10566	1.10566	0.993572	0.996235	-1.00378	1.94213	6.74271	3.08605	1
cg19511435	IFI27L2	0.181306	0.292796	0.687944	-1.45361	0.776182	0.906931	-1.10262	0.676599	0.866091	-1.15461	0.9056	1.0415	1.0415	0.474084	0.779178	-1.2834	0.857446	0.940237	-1.06356	0.00870185	3.14511	3.14511	0.293813	0.688525	-1.45238	0.510703	0.795603	-1.25691	1.94212	3.61299	1.65363	1
cg07609388	MMP16;MMP16	0.181312	0.76815	1.04307	1.04307	0.838799	0.97136	-1.02948	0.118343	1.27365	1.27365	0.825927	0.969066	-1.03192	0.745748	0.954646	-1.04751	0.556773	1.08849	1.08849	0.0154218	0.654389	-1.52814	0.314276	1.16005	1.16005	0.25471	1.1849	1.1849	1.94209	0.625984	0.286511	1
cg23162821	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DIS	0.181314	?	?	?	0.405961	0.491817	-2.03328	0.0214072	0.0936883	-10.6737	0.740195	0.758093	-1.3191	0.127137	0.24931	-4.01106	?	?	?	?	?	?	0.782345	0.794183	-1.25916	0.496369	1.77856	1.77856	2.072	14.8176	8.34328	1
cg05308643	NKAIN2	0.181315	0.0847221	0.444074	-2.25188	0.0373228	0.357379	-2.79815	0.0516197	0.389384	-2.56816	0.913224	0.954649	-1.04751	0.0560054	0.397871	-2.51337	0.32347	0.647789	-1.54371	0.314206	0.642012	-1.5576	0.120744	0.488475	-2.04719	0.546175	0.77102	-1.29698	1.94207	5.57576	2.55203	1
cg02410245	IFFO1;IFFO1;IFFO1	0.181321	0.78369	0.93234	-1.07257	0.987219	1.00409	1.00409	0.670853	1.11498	1.11498	0.200141	1.41137	1.41137	0.0859993	1.62095	1.62095	0.116747	1.54323	1.54323	0.0104454	2.27218	2.27218	0.896476	1.0337	1.0337	0.597698	1.1452	1.1452	1.94204	1.99362	0.912495	1
cg02899788	ATPAF1;ATPAF1	0.181323	0.727468	1.04535	1.04535	0.15116	0.822826	-1.21532	0.0424182	0.743568	-1.34487	0.795688	1.03344	1.03344	0.0872116	1.27049	1.27049	0.126187	1.23338	1.23338	0.501259	1.09039	1.09039	0.899684	0.984139	-1.01612	0.940909	0.990646	-1.00944	1.94203	0.49433	0.226261	1
cg13298734	LYST	0.181323	?	?	?	0.871206	1.17899	1.17899	0.246848	3.41732	3.41732	0.275758	3.16003	3.16003	0.10421	6.06537	6.06537	?	?	?	0.0433544	0.0946065	-10.5701	0.699241	0.674375	-1.48285	0.489392	2.03935	2.03935	1.96901	24.9785	14.4981	1
cg23511072	FBN3	0.181325	0.763385	0.936639	-1.06765	0.0838726	0.660516	-1.51397	0.27936	0.783617	-1.27613	0.816747	0.950919	-1.05161	0.0158264	0.526831	-1.89814	0.585399	1.12685	1.12685	0.461363	1.17654	1.17654	0.164057	0.724746	-1.37979	0.266477	0.778007	-1.28534	1.94202	1.44577	0.661748	1
cg10550166	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6	0.181326	0.367377	0.367392	-2.72189	0.0479251	0.0866872	-11.5357	0.620793	0.583161	-1.71479	0.480352	2.17232	2.17232	0.119962	0.161343	-6.19797	0.783512	0.742431	-1.34693	0.0164978	0.042091	-23.7581	0.974566	0.966112	-1.03508	0.366733	0.366871	-2.72575	1.94201	35.968	16.4631	1
cg10335931	MYBPC3	0.181332	0.30087	0.694006	-1.44091	0.609168	1.19209	1.19209	0.00952298	0.326589	-3.06195	0.942975	0.975919	-1.02468	0.859236	1.06236	1.06236	0.337301	0.713855	-1.40084	0.955432	1.01923	1.01923	0.538202	0.808669	-1.2366	0.0686319	0.499326	-2.0027	1.94198	3.57108	1.63457	1
cg02871940	STUB1	0.181347	0.0808085	0.490801	-2.03749	0.22278	1.60147	1.60147	0.203975	1.6369	1.6369	0.577651	0.813209	-1.2297	0.50601	0.780323	-1.28152	0.0765361	2.06308	2.06308	0.332881	0.692689	-1.44365	0.599339	1.21514	1.21514	0.186226	1.67385	1.67385	1.9419	4.15558	1.90219	1
cg10276465	FAM109B	0.181352	0.171911	6.99796	6.99796	0.453952	2.77481	2.77481	0.162127	7.367	7.367	0.188813	6.44105	6.44105	0.435054	0.34454	-2.90242	0.692581	1.70173	1.70173	0.0195911	43.5321	43.5321	0.0651999	15.9531	15.9531	0.279979	4.49343	4.49343	1.94187	55.0526	25.2002	1
cg20185525	BRCA1;NBR2;BRCA1;BRCA1;BRCA1;BRCA1	0.181356	0.364112	0.888957	-1.12491	0.809741	0.970017	-1.03091	0.161896	0.828201	-1.20744	0.964111	1.00569	1.00569	0.0532681	1.31933	1.31933	0.142267	1.2203	1.2203	0.0552907	1.31548	1.31548	0.469279	1.09737	1.09737	0.902821	1.01554	1.01554	1.94185	0.489879	0.224244	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg13278229	TRAPPC2;TRAPPC2;TRAPPC2	0.181356	0.982777	0.988391	-1.01374	0.576866	0.716702	-1.3574	0.772341	0.854773	-1.1699	0.390488	1.60958	1.60958	0.625035	1.60531	-1.30531	0.478304	0.670708	-1.47685	0.857928	2.5929	2.5929	0.0104311	5.72198	5.72198	0.435121	1.53842	1.53842	1.94185	8.99906	4.11936	1
cg05998064	DIP2C	0.181359	0.580928	0.94501	-1.05819	0.0182215	1.33744	1.33744	0.448053	1.08159	1.08159	0.564748	1.06386	1.06386	0.676234	0.958291	-1.04352	0.60972	0.940115	-1.05361	0.6474782	1.23421	1.23421	0.301509	0.897099	-1.1147	0.487933	1.0741	1.0741	1.94184	0.336468	0.144865	1
cg10518155	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.181366	0.684078	0.932603	-1.07227	0.69955	1.06838	1.06838	0.0688133	0.7065561	-1.41531	0.53384	1.11346	1.11346	0.476882	1.11329	1.11329	0.116422	1.13773	1.13773	0.100561	1.35907	1.35907	0.165269	0.776905	-1.28716	0.319481	0.839064	-1.1918	1.9418	0.8946632	0.409532	1
cg03002479	EPHA1	0.181368	0.805661	0.822992	-1.21508	0.130647	1.63294	1.63294	0.0174029	0.83283	0.83283	0.445712	1.84843	1.84843	0.324109	0.927465	-1.07821	0.805317	1.21551	1.21551	0.422053	1.91199	1.91199	0.0651882	5.13511	5.13511	0.0858559	4.48257	4.48257	1.94178	19.2079	8.79281	1
cg02963493	ELAVL3;ELAVL3	0.181369	0.108081	0.691977	-1.44513	0.0254926	0.572628	-1.74634	0.119097	0.700999	-1.42654	0.167223	0.734019	-1.36236	0.041249	0.60988	-1.63967	0.50716	0.868206	-1.1518	0.207893	0.756633	-1.32164	0.972545	1.00725	1.00725	0.796018	0.947281	-1.05565	1.94178	1.35645	0.62094	1
cg25607155	WHSC1;WHSC1;WHSC1;WHSC1	0.181375	0.171886	0.830652	-1.20387	0.0267597	1.39767	-1.39374	0.953312	0.992558	-1.00075	0.551562	1.026025	-1.07088	0.198095	0.84048	-1.18951	0.482906	1.09525	1.09525	0.246028	1.16703	1.16703	0.360061	0.888874	-1.12796	0.404907	0.896077	-1.11486	1.94175	0.5005578	0.2229153	1
cg13440206	ABL1;ABL1	0.181377	0.0836804	4.62482	4.62482	4.94043	0.941963	-1.06161	0.208547	0.346252	-2.88806	0.272528	2.49337	2.49337	0.633039	1.46933	1.46933	0.866793	1.14373	1.14373	0.419179	0.51668	-1.93543	0.0458302	6.24175	6.24175	0.0840408	4.61487	4.61487	1.94173	19.6808	9.00949	1
cg20138099	PROSC	0.181379	0.207	0.602858	-1.68282	0.0139311	0.427871	-2.33715	0.986533	1.0016	1.0016	0.719159	0.78138	-1.27979	0.0604802	0.935459	-1.44702	0.330093	0.503271	-1.987	0.0187015	0.142704	-7.0078	0.002048	0.220912	-4.52649	0.3595	0.525366	-1.90343	1.94172	14.3538	6.57093	1
cg27153798	ARAP	0.181395	0.0374484	0.220152	-6.52382	0.030247	0.210555	-4.74935	0.0340653	0.60504	-1.65278	0.580763	0.4172	-2.38925	0.0302725	0.503272	-1.987	0.0711909	0.283718	-3.52462	0.0584512	0.10472	0.951183	0.03901	1.01093	0.859167	1.11742	1.11742	1.94164	12.0156	5.5008	1
cg03799862	C16orf70	0.181397	0.282563	1.34808	1.34808	0.502591	0.833602	-1.19961	?	?	?	0.476015	0.823773	-1.21393	0.702323	0.902384	-1.10818	0.584382	0.862642	-1.15923	0.0735145	0.586411	-1.70527	0.0298677	1.98096	1.98096	0.798561	0.93388	-1.0708	1.95382	1.96804	1.00728	1
cg10184958	CYP4A11	0.181399	0.870682	0.919311	-1.08777	0.593204	0.756902	-1.32108	0.031893	0.272929	-3.66395	0.142822	2.07495	2.07495	0.0144668	0.749855	-1.33386	0.590217	0.755222	-1.32411	0.218894	0.532899	-1.8757	0.0497	1.61455	1.61455	0.442002	2.24807	2.24807	1.94162	8.200027	3.73415	1
cg04458919	CD36	0.181404	0.573143	0.821871	-1.21674	0.86881	1.05861	1.05861	0.0686681	0.495502	-2.01815	0.66889	1.16091	1.16091	0.0100623	0.326537	-3.06244	0.699162	0.874758	-1.14317	0.435326	1.31555	1.31555	0.907757	1.04075	1.04075	0.610279	0.837681	-1.19377	1.94159	3.65102	1.67149	1
cg14442997	KLC2;RAB18;KLC2;KLC2	0.181408	0.670711	1.04647	1.04647	0.498547	1.07889	1.07889	0.0306588	0.7553151	-1.32396	0.846292	0.97878	-1.02168	0.594286	1.06761	1.06761	0.32078	0.830314	1.20436	0.0461969	0.77233	-1.29478	0.291033	0.885954	-1.12873	0.781781	0.960778	-1.03116	1.94157	0.3755727	0.171947	1
cg17340604	WDR20;WDR20;WDR20;WDR20	0.181409	0.708608	1.16222	1.16222	0.741318	0.875771	-1.25416	-1.14185	0.080937	2.17042	2.17042	0.450202	0.724387	-1.38048	0.0507706	2.43802	-1.43802	0.365195	0.686927	-1.45576	0.45626	1.35505	1.35505	0.155287	1.83849	1.83849	0.180608	0.565932	-1.767	1.94156	4.93061	2.25734	1
cg22867063	ZNF414;NUP214;ZNF214	0.181411	0.166447	0.714032	-1.4005	0.377855	0.813372	-1.22945	0.516468	1.16197	1.16197	0.29782	1.82982	1.27905	1.27905	0.245257	1.31975	1.31975	0.976196	1.00683	1.00683	0.0469969	0.959096	-1.6804	0.276348	1.29498	1.29498	0.155637	1.41459	1.41459	1.94155	1.60263	0.733723	1
cg24564603	NCAPG3	0.181415	0.654684	0.417537	-2.395	0.328217	0.567536	-1.49805	0.344371	1.47443	1.47443	0.14964	1.58454	-1.85717	0.146215	0.533221	-1.88839	0.0344347	0.372118	-2.68722	0.938432	0.909517	-1.03144	0.601999	1.12474	1.12474	0.814804	0.910257	-1.09859	1.94155	4.93805	2.26076	1
cg25947544	CADPS;CADPS;CADPS	0.181414	0.193706	1.81349	1.81349	0.735533	1.15806	1.15806	0.0705146	0.239868	2.39868	0.571106	0.780541	-1.28116	0.909678	0.952065	-1.05035	0.0221025	2.30487	-3.28009	0.779232	1.12935	1.12935	0.469006	1.37559	1.37559	0.531762	1.31543	1.31543	1.94153	5.76121	2.63765	1
cg21645798	COL19A1	0.181417	0.0688813	0.185679	-2.59283	0.796338	1.12866	1.12866	0.079568	0.8235591	-1.21424	0.189768	0.5220069	-1.91546	0.0928455	0.420908	-2.37582	0.539548	0.747763	-1.33729	0.0286822	0.2988651	-3.34599	0.029674	1.34711	1.34711	0.123984	0.458599	-2.18055	1.94152	6.73409	3.08308	1
cg00708866	RSPO1	0.181427	0.201598	0.672256	-1.67129	0.0710555	0.463932	-2.15549	0.0554112	0.493785	-2.28632	0.744834	0.883046	-1.13244	0.293846	0.660541	-1.51491	0.509558	0.775069	-1.29021	0.112615	0.517992	-1.93053	0.090306	0.491206	-2.0358	0.998224	0.999153	-1.00085	1.94152	4.46031	2.04207	1
cg19317333	PRDM16;PRDM16	0.1842	0.343249	0.655143	-1.52638	0.446516	1.39944	1.39944	0.160432	1.91453	1.91453	0.750733	1.14802	1.14802	0.0157966	0.277805	-3.59964	0.217649	0.570215	-1.75373	0.597134	1.25989	1.25989	0.739651	0.865499	-1.1554	0.438705	0.710272	-1.40791	1.9415	5.76859	2.64106	1
cg06728269	LGR6;LGR6;LGR6	0.181426	0.110847	0.282732	-3.53691	0.0728611	0.357542	-2.79655	-1.41391	0.153491	0.808217	-1.23757	1.24447	0.500442	0.0681443	-1.61055	0.0187462	0.379535	0.270021	0.887462	-1.12657	0.0382217	0.270925	-3.69225	0.2709625	-3.69225	0.0175621	0.315353	0.468619	-2.13393	1.94147	16.26	7.44451	1
cg11440726	FGF3	0.181427	0.329197	1.27021	1.27021	0.0296007	1.83735	1.83735	0.396636	0.8163696	-1.22896	0.312293	1.2818	1.2818	0.185219	1.27091	1.27091	0.24997	1.3305	1.3305	0.204657	1.37424	1.37424	0.0396356	1.53517	1.53517	0.263844	0.759272	-1.31705	1.94146	1.7347	0.794223	1
cg25725156	ATXN7L3;ATXN7L3	0.181428	0.248813	0.750363	-1.33281	0.731163	1.08506	1.08506	0.0136406	0.7955311	-1.25676	0.0344452	1.2693	1.2693	0.0161655	0.8864807	-1.12803	0.604126	0.806195	-1.2398	0.0990195	0.711887	1.40504	-1.39961	0.0629705	0.528196	1.89255	1.89255	-1.20751	1.94144	3.9098854	1.9418	0.3355017	1
cg19045976	HLA-A	0.181442	0.0191505	-1.08764	-9.19418	0.350394	0.471312	-2.12174	0.936768	0.939793	-1.06406	0.511299	0.593702	-1.68435	0.0230046	0.119071	8.39834	0.219291	0.363848	-2.7484	0.269059	0.406232	-2.46165	0.368837	0.485613	-2.05925	0.154152	0.303041	-3.29988	1.94139	18.8324	8.62264	1
cg14648442	ZNF583;ZNF583;ZNF583	0.181443	0.22355	0.783406	-1.27583	0.956086	1.01054	1.01054	0.722748	0.935474	-1.06898	0.0918657	1.42405	1.42405	0.0965195	0.719326	1.39326	0.262577	0.80051	-1.2492	0.580048	0.89901	-1.11234	0.0686056	1.47423	1.47423	0.0889517	1.42955	1.42955	1.94138	1.11567	0.510825	1
cg02478773	PABPC4;PABPC4;PABPC4	0.181452	0.190885	0.722875	-1.38407	0.326217	0.723599	1.25128	0.0260731	0.48293	1.48293	0.0491731	0.111881	1.03859	0.0963381	0.703795	-1.42083	0.0440403	0.370995	0.696423	-1.43552	0.0233275	0.402351	-2.48539	0.0538148	0.479296	-2.0864	0.262009	0.675113	1.94137	3.040622	1.58847	1
cg08650890	TNXB	0.181456	0.00921662	0.108858	-9.18624	0.92617	1.06416	1.06416	0.290459	0.479008	-2.08764	0.905097	0.923098	-1.08331	0.224877	0.425179	-2.35195	0.169044	0.374171	-2.67257	0.111387	0.31242	-3.20082	0.344575	0.520402	-1.92159	0.817351	1.17156	1.17156	1.94131	13.8391	6.33664	1
cg10099732	ZFP36L1	0.181457	0.0976991	0.588464	-1.70703	0.448388	0.42551	-2.42814	0.0795658	0.69184	1.69184	0.0844623	1.28673	1.28673	0.0423987	0.782831	-1.27756	0.0196943	0.44322	-2.25623	0.0135503	0.4244	-2.35566	0.0396953	0.7233	-1.38253	0.0413	0.722533	0.9413	-1.06242	0.64564	1.94128	0.295638	0.1366	1
cg16537245	EDN1;EDN1	0.181462	0.206365	0.674189	-1.48326	0.0331401	0.478674	-2.0891	0.155746	0.6383101	-1.56714	0.0682952	0.546739	-1.82903	0.0440823	0.504467	-1.98229	0.401398	0.775654	-1.28923	0.448879	0.795096	-1.25643	0.93864	0.774443	-1.29125	0.555233	1.19304	1.19304	1.94128	2.69005	1.23174	1
cg00052433	ZCCHC14	0.181464	0.837941	1.04799	1.04799	0.483851	0.849704	-1.17688	0.365969	0.8084661	-1.23692	0.862485	1.04048	1.04048	0.00888481	0.665652	-2.14293	0.278919	0.772832	-1.29394	0.271824	1.29932	1.29932	0.703536	0.9162	-1.09146	0.47863	1.17926	1.17926	1.94126	1.61097	0.737652	1
cg15556748	SYCE1;SHCBP1;CKS1B;CKS1B	0.181467	0.37644	1.75413	1.75413	0.0729127	0.237128	-2.07237	-2.15182	0.0472078	1.07028	0.0407355	1.38417	1.38417	0.0198417	0.914502	-1.09361	0.837777	1.15658	1.15658	0.168378	0.312296	1.15658	1.15658	0.168378	0.312296	-1.0614	0.4288316	0.722533	0.9413	-1.06242	0.64564	1.94125	0.295638	0.1366	1
cg13229494	AGL;AGL;AGL;AGL;AGL;AGL	0.181475	0.204253	0.25747	0.2507	0.85309	0.92853	-1.07697	0.181077	0.14289	2.14289	0.313995	1.75201	1.75201	0.66683	0.793967	-1.26268	0.161	0.446527	-2.23951	0.107857	0.57239	0.572239	0.065095	0.327696	-3.05161	0.729383	0.829427	-1.20565	1.9412	8.91589	4.08264	1
cg10552698	PDHB	0.181476	0.4605939	1.15253	1.15253	0.3861	0.23801	-2.18401	0.0836466	0.4869876	-2.05256	0.0214741	1.77134	1.77134	0.0296779	0.622334	-1.6072	0.769126	0.870707	-1.14863	0.4139768	0.840754	-1.18986	0.312567	0.705555	-1.41753	0.3862	0.705555	-1.41753	1.94124	3.9098854	1.9418	0.3355162	1
cg16477190	BRUNOL6	0.181482	0.91962	1.0554	1.0554	0.916937	0.945799	-1.05731	0.843702	0.899925	-1.1112	0.384767	1.60963	1.60963	0.202727	0.487565	-2.05101	0.698881	1.23077	1.23077	0.0577852	3.14522	3.14522	0.639371	0.777169	-1.28672	0.0241838	0.237953	-4.20251	1.94117	9.77221	4.01692	1
cg04209595	SCFD2	0.181487	0.094667	0.711505	-1.40547	0.0924292	0.705323	-1.4094	0.275145	1.23415	1.23415	0.210988	0.783323	-1.27661	0.737442	0.939558	-1.06433	0.882759	1.02772	1.02772	0.866517	1.03166	1.03166	0.669638	1.08277	1.08277	0.0559746	1.49157	1.49157	1.94114	1.0556	0.483379	1
cg01779559	2FHX3;2FHX3	0.181491	0.54444	0.779127	-1.28353	0.731163	1.08506	1.08506	0.0136406	0.7955311	-1.25676	0.0344452	1.2693	1.2693	0.0161655	0.8864807	-1.12803	0.604126	0.806195	-1.2398	0.0990195	0.711887	1.40504	-1.39961	0.0629705	0.528196	1.89255	1.89255	-1.20751	1.94114	3.9098854	1.9418	0.3355162	1
cg01637074	SLC45A4;SLC45A4	0.181494	0.382924	1.54026	1.54026	0.543179	0.742966	-1.34596	0.437003	0.681963	-1.46635	0.168527	2.0306	2.0306	0.179418	0.502364	-1.99059	0.285398	1.70854	1.70854	0.0301538	3.42408	3.42408	0.217642	1.87033	1.87033	0.321904	1.63887	1.63887	1.9411	7.16471	3.28093	1
cg24105081	CACNA2D4	0.181496	0.125822	0.143867	-6.95124	0.0148357	0.487687	-1.97927	0.577475	0.93163	0.93163	0.684714	0.020865	-1.61273	0.0103163	0.448148	-2.23116	0.738344	0.68224	-1.46562	0.157102	0.88521	-1.12968	0.497109	0.9175	-1.08991	0.175124	0.344473	-2.90208	1.94113	0.4042	0.196968	1
cg04534231	SDK1;SDK1	0.181503	0.22122	0.597034	-1.67495	0.309272	0.6557	-1.52509	0.114266	0.502054	-1.99182	0.199482	1.72241	1.72241	0.0176484	0.319465	-3.13024	0.227513	0.601618	-1.66218	0.785779	0.896484	-1.11547	0.293453	0.971703	-1.02912	0.283114	0.639337	-1.56412	1.94106	0.94589	0.26492	1
cg24530074	ITGA6;ITGA6	0.181504	0.773228	0.907723	-1.10166	0.608001	1.1893	1.1893	0.0153025	0.368716	-2.71212	0.913571	0.03705	0.03705	0.0807702	0.522613	-1.91346	0.296907	0.69601	-1.43676	0.145051	0.591901	-1.68947	0.646254	1.16749	1.16749	0.241341	0.662999	-1.5083	1.94105	3.45197	1.58081	1
cg15882878	CLSTN3;RBP5	0.181505	7	2.143802	2.143802	1.14705	0.487687	-1.37927	0.577475	0.93163	0.93163	0.684714	0.020865	-1.61273	0.0103163	0.448148	-2.23116	0.738344	0.68224	-1.46562	0.157102	0.88521	-1.12968	0.497109	0.9175	-1.08991	0.175124	0.344473	-2.90208	1.94103	0.4042	0.196968	1
cg13221046	PCID2;PCID2;PCID2	0.181506	0.485365	0.626158	-1.59704	0.308435	0.05593	2.00593	0.326145	1.95315	1.95315	0.212456	0.420134	-2.38016	0.0639393	0.252844	3.955	0.158681	0.369767	-2.70441	0.0782323	0.224774	-3.69335	0.172334	0.648188	-1.54276	0.111993	0.318924	-3.13554	1.94104	13.4045	6.13853	1
cg13982529	LOC645323;LOC645323	0.181508	0.751991	0.842643	-1.18697	0.0237324	0.723599	1.25128	0.0260731	0.48293	1.48293	0.0491731	0.111881	1.03859	0.0963381	0.703795	-1.42083	0.0440403	0.370995	0.696423	-1.43552	0.0233275	0.402351	-2.48539	0.0538148	0.479296	-2.0864	0.262009	0.675113	1.94102	3.040622	1.58847	1
cg22223402	FAM55D;FAM55D	0.181508	0.0356838	0.12009	-8.32708	0.254353	0.356325	-2.80643	0.324922	0.414233	-2.41411	0.118818	0.230421	-4.33987	0.127701	0.239808	-4.17	0.0927624	0.201158	-4.97122	0.0579994	0.156003	-6.41015	0.0609186	0.171483	-5.83149	0.231931	0.337236	-2.96528	1.94103	23.308	10.5823	1
cg24687412	ATP1B4	0.181509	0.530467	0.780758	-1.27914	0.0707714	0.842351	1.90361	0.0139465	0.9104	1.9104	0.0855	1.08912	1.08912	0.0774607	0.711928	-1.40439	0.842317	1.07807	1.07807	0.7113	1.11276	1.11276	0.0536944	1.60044	1.60044	0.0588954	0.845659	-1.18251	1.94097	0.43986	0.20963	1
cg23574225	DDX26B	0.181521	0.32604	-1.67182	1.82014	-1.67182	0.65191	0.91218	0.10628	0.595041	-1.05035	0.24219	0.4449771	0.729953	-1.36995	0.0615214	0.300288	-3.26703	0.761979	1.31313	0.185965	1.76278	1.76278	0.633937	0.823713	-1.21401	1.94096	0.52364	2.30065	1			
cg08524483	RBAK	0.181523	0.501297	0.764603	-1.30787	0.519727	1.29256	1.29256	0.309042	1.51285	1.51285	0.2227	0.604172	-1.65516	0.4002111	0.71274	-1.40304	0.700323	1.16426	1.16426	0.0133256	0.299471	-3.33922	0.234311	0.61246	-1.63276	0.249112	0.622687	-1.60594	1.94095	4.75372	2.17705	1
cg08101387	AP1S3	0.181524	0.734139	1.07429	1.07429	0.585997	1.24728	1.24728	0.0728645	0.8624203	1.16403	0.0164582	1.13347	1.13347	0.0152916	0.810946	-1.13986	0.74766	1.12644	1.12644	0.552103	1.45843	1.45843	0.0138688	1.94355	1.94355	0.0452308	1.03862	1.03862	1.94094	0.38278	0.17494	1
cg16384642	ZKSCAN1	0.181533	0.24718	0.779199	-1.28337	0.86833	1.0348	1.0348	0.820702	1.04792	1.04792	0.913743	0.967655	-1.03343	0.0061843	0.478212	2.09112	0.550212	0.882817	-1.13274	0.870739	0.96698	-1.03415	0.28724	0.796253	-1.25588	0.457377	1.1688	1.1688	1.94089	1.30686	0.598516	1
cg08068220	RGL1;RGL1	0.181536	0.456441	0.747137	-1.34567	0.4150907	0.732183	-1.36378	0.945408	0.97355	-1.02727	0.363906	0.694039	-1.44086	0.292713	0.652268	-1.53311	0.0183106	0.326019	-3.06717	0.0231737	0.338515	-2.95552	0.942796	0.652007	-1.46607	0.146249	0.543068	-1.84139	1.94088	4.72109	2.15719	1
cg04048740	AGAP1;AGAP1	0.181539	0.115195	-1.28965	-1.28965	0.369607	1.94745	1.94745	0.0176255	0.7955311	-1.25676	0.0344452	1.2693	1.37976	1.37976	0.288526	0.45067	-2.21892	0.133149	0.752705	-1.32855	0.137382	-6.44722	0.965965	0.80805	-1.23675	0.379636	0.523029	-1.91028	1.94087	16.0844	7.36637	1
cg20364241	MAPK10;MAPK10;MAPK10	0.181539	0.25471	0.679045	-1.47266	0.377285	0.744629	-1.34295	0.0490887	0.481342	-2.07752	0.276147	0.691633	-1.44585	0.0459626	0.474984	-2.10533	0.287395	0.698008	-1.43265	0.926881	0.970567	-1.03033	0.564884	0.827463	-1.20851	0.0200503	0.401234	-2.49231	1.94086	3.25632	1.49135	1
cg17277653	PPP4C2A	0.181551	0.0251554	0.0999	-10.0104	0.0745	0.0145	-4.0376	0.0247713	0.0744	0.0744	0.0744	0.0744	-2.1882	0.0744	0.0744	-2.1885	0.0744	0.0744	0.0744	0.0744	0.0744	0.0744	0.0744	0.0744	0.0744	0.0744	0.0744	-2.0966	0.0744	-2.0966	1.94082	0.54541	0.2742	1
cg19558327	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.181553	0.883597	0.917737	-1.08964	0.731798	0.817429	-1.22335	0.693584	0.792932	-1.26116	0.522173	0.683799	-1.46242	0.130066	0.383599	-2.60689	0.774197	0.844891	-1.18358	0.0658799	3.35084	3.35084	0.0256311	4.72806	4.72806	0.802903	0.863692	-1.15782	1.94078	10.5536	4.83362	1
cg01647729	C20orf107	0.181554	0.203032	0.599167	-1.66898	0.379715	0.58091	-1.72144	0.0697239	0.645154	-1.55064	0.216659	0.180147	0.581261	-1.7204	0.303979	0.666436	-1.50052	0.086702	0.486111	-2.05714	0.120138	1.90153	1.90153	0.432998	0.737128	-1.35662	0.213447	0.606903	-1.64771	1.94078	4.46609	2.0455	1
cg15973234	KIAA1199	0.181555	0.78774	0.953347	-1.04894	0.131742	1.3338	1.3338	0.0529131	1.47619	1.47619	0.0930321	1.38699	1.38699	0.534506	1.1178	1.1178	0.326601	1.0396	1.0396	0.132507	0.750229	-1.33293	0.471309	0.878136	-1.13852	0.218452	1.25755	1.25755	1.94077	0.96337	0.441231	1
cg20387359	LGALS78	0.181556	0.1165332	0.727997	-1.37408	0.687121	1.34212	1.34212	0.0178102	0.7955311	-1.25676	0.0344452	1.2693	1.24284	0.3545854	0.889107	-1.12469	0.0134651	-1.24284	0.3545854	0.889107	-1.12469	0.47065	0.606099	-1.65011	0.326403	0.732903	-1.36444	0.0178489	-1.33535	0.284426	1.94058	0.1845	0.12413	1
cg11498228	ARHGEF10	0.181561	0.959119	0.93467	1.03467	0.168949	0.94137	-1.06437	0.0794725	0.64792	1.64792	0.212952	0.39175	2.39175	0.599354	0.702988	-1.4225	0.521486	0.649224	-1.5403	0.783283	0.831869	-1.20211	0.156636	2.7381	2.7381	0.782267	1.20223	1.20223	1.94075	13.5853	6.22224	1
cg08276412	CDYL;CDYL;CDYL;CDYL	0.181564	0.0650842	0.773597	-1.29233	0.714641	0.822312	-1.21631	0.0127874	0.3446986	0.600307	0.329672	0.831552	1.20262	0.0154264	0.476253	-2.09992	0.170325	0.347479	-2.87743	0.0502128	0.185152	0.144627	-6.91734	0.0220153	0.321575	-3.10903	0.0260125	0.114564	-8.72611	1.94075	0.3729	0.1682	1
cg08617020	SLC7A5	0.181568	0.801603	1.12635	1.12635	0.111874	1.26631	1.26631	0.50775	1.37375	1.37375	0.529214	0.739909	-1.35152	0.951893	0.971892	1.02892	0.798722	0.886253	1.12835	0.0118824	0.226758	-4.40998	0.44819	1.4409	1.4409	0.573951	1.30795	1.30795	1.9407	0.8863782	3.1438	1
cg09959897	TAF8	0.181568	0.947595	0.9845	-1.01574	0.520998	0.856749	-1.1672	0.151638	1.44065	1.44065	0.520292	1.16752	1.16752	0.0291627	0.681317	1.56074	1.56074	0.157665	0.563826	-1.7736	0.29308	0.741354	0.316541	0.781851	-1.27902	0.888317	1.03396	1.03396	1.9407	1.73607	0.795163	1
cg09082287	DNAJC6;DNAJC6	0.181572	0.0252657	0.773538	-1.29289	0.316048	0.74855	-1.33624	0.0127874	0.3446986	0.600307	0.329672	0.831552	1.20262	0.0154264	0.476253	-2.09992	0.170325	0.347479	-2.87743	0.0502128	0.185152	0.144627	-6.91734

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(105T vs. N)	Fold-Change(1-vs-105T)	p-value(1117 vs. N)	Fold-Change(1-vs-1117)	p-value(111T vs. N)	Fold-Change(1-vs-111T)	p-value(1127 vs. N)	Fold-Change(1-vs-1127)	p-value(121T vs. N)	Fold-Change(1-vs-121T)	p-value(1217 vs. N)	Fold-Change(1-vs-1217)	p-value(347T vs. N)	p-value(347 vs. N)	Fold-Change(1-vs-347)	p-value(353T vs. N)	Fold-Change(1-vs-353T)	p-value(537 vs. N)	Fold-Change(1-vs-537)	p-value(537T vs. N)	Fold-Change(1-vs-537T)	p-value(5 vs. N)	Fold-Change(1-vs-563T)	p-value(563T vs. N)	Fold-Change(1-vs-563T)	F(Test)	SS(Test)	SS(Error)	F(Error)
2a843592	WASF3	0.181739	0.524288	1.15303	0.304007	1.22701	0.227701	1.17186	1.32301	1.38662	0.842893	-1.18639	0.0434161	0.639942	1.16264		0.650786	0.916149	-1.09153	0.146056	0.740897	-1.34972	0.025091	0.882811	-1.13262	0.188949	1.30664	1.30664	1.93978	1.13462	0.519932	1
6d240623	TSPYL5	0.181739	0.0359975	10.0287	10.0287	0.0907667	0.81922	5.81922	0.280185	2.88931	0.839003	0.100805	0.108658	1.08558	0.716726	1.70940	-1.40946		0.472148	1.99616	0.996316	0.033681	0.647229	0.6574	0.055705	0.75787	7.75787	0.169074	3.99401	3.99401	1.93978	27.4448	12.5764	1
2a35187f91	ATP6V1E1;ATP6V1E1;ATP6V1E1	0.181741	0.0214333	0.59926	-1.66872	0.399284	0.852243	-1.17337	0.150062	0.751348	-1.33094	0.732662	0.938447	-1.06559	0.196579	1.28786	1.28786		0.447644	1.15418	1.15418	0.984244	0.996348	-1.00367	0.802035	1.04765	1.04765	0.234581	1.25967	1.25967	1.93977	1.05466	0.483293	1
1b6082508	SIX3	0.181742	0.359024	0.612264	0.63194	0.642264	1.27536	1.27536	0.291009	1.78831	0.766575	0.856533	-1.1675	0.754722	0.849561	-1.17708		0.912583	1.05893	1.05893	0.0332752	4.36045	4.36045	0.315721	3.32605	-1.71514	0.0725112	2.83617	2.83617	1.93976	8.314	3.80986	1
6229584f03	C14orf49	0.181743	0.254009	1.92642	1.92642	0.41247	0.630504	-1.58603	0.0368803	3.79755	3.79755	0.328125	4.14815	4.14815	0.190694	2.1441	2.1441		0.853379	1.10728	1.10728	0.429729	1.55846	1.55846	0.228578	2.00486	2.00486	0.198555	2.11254	2.11254	1.93976	9.30833	4.26552	1
6d3696940	OCA2	0.181745	0.808795	0.961493	-1.04005	0.186163	1.25486	1.25486	0.153986	0.780979	-1.28044	0.112921	1.32243	1.32243	0.207831	0.80644	-1.24002		0.418457	1.1433	1.1433	0.0915512	1.35113	1.35113	0.536286	1.00676	1.00676	0.25728	0.825721	-1.21106	1.93974	0.806001	0.369351	1
6d7185587	AKAP6	0.181747	0.1817	0.713899	-1.40076	0.115966	0.666214	-1.50102	0.0249183	0.530221	-1.88601	0.253974	0.753381	-1.33735	0.507359	0.852236	-1.17338		0.423258	1.21462	1.21462	0.0483839	0.584984	-1.70945	0.92552	0.978018	-1.02248	0.463648	0.837508	-1.19402	1.93974	1.73609	0.795566	1
6d1863419	KCTD18	0.181752	0.443308	1.29739	1.20739	0.0169612	1.71954	1.71954	0.158795	1.02225	1.01225	0.949745	1.26123	1.26123	0.560387	0.867453	-1.15253		0.697175	1.09888	1.09888	0.665494	1.1347	1.1347	0.0347774	1.80997	1.80997	0.123863	0.667428	-1.49829	1.93971	1.78602	0.818457	1
6a943582	HS3ST3B1	0.181754	0.0582559	1.4123	1.4123	0.50588	0.895812	-1.11631	0.5785	0.99475	0.495033	1.11825	1.49567	1.28305	1.28305		0.144381	0.776525	-1.28779	0.502498	0.896018	-1.11605	0.333974	1.17438	1.17438	0.0726655	1.38131	1.38131	1.9397	0.7993958	0.366315	1
1b6582986	LOC729603;IGF2R	0.181759	0.204825	0.74756	-1.33769	0.0219133	1.81842	1.81842	0.274256	1.28069	1.28069	0.928511	1.01971	1.01971	0.69442	0.917719	-1.08966		0.727761	1.07896	1.07896	0.0445584	1.65138	1.65138	0.802849	1.05591	1.05591	0.703642	1.08667	1.08667	1.93967	1.4528	0.665772	1
2a0627637	SPSB1;NUBP2	0.181765	0.1569648	1.722899	1.53831	0.078474	1.191502	1.191502	0.113612	0.996684	0.99911	-1.00089	0.2606902	0.7957373	1.256519	0.795373	1.256519		0.444612	1.18185	1.18185	0.0874975	0.64461	-1.55133	0.415284	0.845837	-1.18254	0.0485837	-1.1954	0.455858	1.84496	-1.17679	1.19646	0.644837	1
6a14463164	ZNF462;MIR548Q	0.181765	0.636158	0.872798	-1.14574	0.479888	1.22757	1.22757	0.727634	1.10497	1.10497	0.345016	0.796608	-1.25532	0.717703	1.10922	1.10922		0.618732	1.154	1.154	0.0555869	2.82608	2.82608	0.292474	1.3659	1.3659	0.931908	0.976599	-1.02396	1.93964	2.50388	1.14746	1
6a11995282	B2M;ZRANB2;B2M2	0.181767	0.944483	0.975362	-1.02526	0.0737397	0.486648	-2.05487	0.102759	0.52758	-1.89545	0.115406	0.541563	-1.84616	0.916541	0.961348	-1.03826		0.538959	0.800253	1.2496	0.0541962	2.18739	2.18739	0.344369	0.705671	-1.41709	0.732861	0.884505	-1.13058	1.93963	3.94186	1.80647	1
6a10575915	RAPH1;RAPH1;RAPH1;RAPH1	0.181767	0.747623	1.03349	1.03349	0.222557	1.13971	1.13971	0.682769	0.958945	-1.04281	0.134569	0.848237	-1.17892	0.842027	0.978948	-1.02057		0.192431	1.15113	1.15113	0.482819	0.929819	-1.07548	0.019066	0.748641	-1.33575	0.772782	1.02998	1.02998	1.93963	0.339737	0.146529	1
6a21449397	MTR;RPH3A	0.181769	0.106437	1.81147	1.81147	0.931859	0.971589	-1.02924	0.13262	0.578745	-1.72788	0.675544	0.867736	-1.15242	0.425174	1.31583	1.31583		0.0480111	2.14204	2.14204	0.0630988	2.02292	0.221582	1.24455	0.654651	1.16386	1.16386	1.93962	3.48921	1.59904	1
6a09926783	FGF7;C15orf33	0.181772	0.56132	1.27416	1.27416	0.240709	0.587957	-1.70301	0.0131424	2.06493	2.06493	0.27155	0.926993	1.0792	0.638953	1.56502	1.56502		0.916267	1.10434	1.10434	0.994884	0.997359	-1.00265	0.976531	1.02116	1.02116	0.349301	1.48803	1.48803	1.93961	5.22743	2.39563	1
6a04905210	POLR3D;CDK10;CDK10;CDK10;CDK10;CD	0.181774	0.667153	0.917619	-1.08978	0.102926	0.701505	-1.42551	0.441358	1.16884	1.16884	0.886141	1.02888	1.02888	0.0599629	0.655928	1.52456		0.392532	0.840247	-1.19013	0.792118	0.948865	-1.05389	0.100582	1.42963	1.42963	0.15931	1.34834	1.34834	1.93959	1.21297	0.555888	1
6a10062109	K10	0.181777	0.670048	1.29622	1.29622	0.818866	1.15528	1.15528	0.842198	1.1824	1.1824	0.999594	1.00031	1.00031	0.435109	0.266252	-3.75584		0.141873	0.384427	-2.60128	0.063106	0.282124	-3.54454	0.429094	0.280078	0.506577	-1.97328	1.93957	11.2562	5.15863	1
6a10436664	C3orf37;C3orf37;C3orf37	0.181783	0.0502561	1.71098	1.71098	0.431462	1.21314	1.21314	0.0395305	1.77348	1.77348	0.12926	1.48356	1.48356	0.998328	0.999496	-1.0005		0.249489	1.33592	1.33592	0.511236	0.852524	-1.17299	0.0871333	1.57547	1.57547	0.197906	1.38746	1.38746	1.93954	1.77871	0.815181	1
6a07675075	TRPV3	0.181787	0.611062	1.31054	1.16914	0.136512	1.48586	1.48586	0.0104004	0.745644	1.24734	1.24734	0.0315956	2.1924	1.6913	0.710055		0.285005	0.71294	-1.4024	0.026727	1.02842	1.02842	0.0723411	1.84227	1.84227	0.67605	0.880154	-1.13616	1.93952	2.85157	1.30089	1
6a14182517	NTN1	0.181788	0.0901501	0.50079	-1.99684	0.678074	0.856784	-1.16716	0.768064	0.896276	-1.11573	0.745289	0.886298	-1.12819	0.0206391	0.304436	-3.28477		0.355463	0.703298	-1.42187	0.910086	0.959033	-1.04272	0.255587	1.5519	1.5519	0.339814	0.694692	-1.43949	1.93951	4.21188	1.93032	1
6a15981734	FLI32063	0.181788	0.0608949	1.53452	1.53452	0.377262	0.46648	-2.05497	0.102759	0.52758	-1.89545	0.115406	0.541563	-1.84616	0.916541	0.961348	-1.03826		0.538959	0.800253	1.2496	0.0541962	2.18739	2.18739	0.344369	0.705671	-1.41709	0.732861	0.884505	-1.13058	1.93963	3.94186	1.80647	1
6a16423910	CD37;CD37	0.181796	0.873671	0.967327	-1.03378	0.514884	1.14783	1.14783	0.174299	1.35215	1.35215	0.701621	0.922777	-1.08369	0.469239	0.857513	1.16616		0.047405	0.622805	-1.60564	0.353239	0.81921	-1.22069	0.0435687	1.6233	1.6233	0.773292	0.941482	-1.06216	0.19947	1.37839	0.613587	1
6a14185841	TCEAL5	0.181797	0.105546	2.16283	2.16283	0.904092	0.948771	-1.054	0.674642	0.831778	-1.20224	0.0949619	0.449098	-2.22668	0.0360744	0.345225	2.89666		0.224815	1.74406	1.74406	0.61689	1.24613	0.506673	0.745336	-1.34168	0.986315	1.00751	1.00751	1.93946	5.84621	2.67942	1
6a15458504	RCAN3	0.181798	0.909043	1.02606	1.02606	0.0746	0.907957	-1.10081	0.0314264	1.28657	1.28657	0.777505	1.12357	1.12357	0.0855436	1.25872	1.25872		0.24644	1.40091	1.40091	0.0373882	1.71044	0.577382	1.73106	1.3106	1.3106	0.179058	0.401748	-2.48912	1.93946	2.53729	1.57435	1
6a12072333	WDR91	0.181798	0.477733	1.68767	1.68767	0.665237	1.37113	1.37113	0.468037	1.70803	1.70803	0.80132	0.834403	-1.19846	0.0483459	0.194829	-5.1327		0.718105	1.30061	1.30061	0.133189	3.25223	3.25223	0.0565024	4.78477	4.78477	0.153328	3.02099	3.02099	1.93946	16.1468	7.40036	1
6a19308897	GAUS	0.181818	0.262384	0.67864	0.67864	0.0120703	0.84275	1.24375	0.341355	0.653813	-1.52949	0.166332	0.885851	0.9344099	1.03651	1.03651	1.03651		0.903984	1.05403	1.05403	0.125438	0.88742	-1.12703	0.242333	0.655735	1.15371	0.819681	1.10402	1.10402	1.93945	5.97883	2.64443	1
6a23128584	DIP2C	0.181801	0.996071	0.984026	-1.00158	0.192059	0.555331	1.55531	0.0340131	2.2564	2.2564	0.900815	1.04069	1.04069	0.0752149	1.43784	1.43784		0.998322	0.999328	-1.00067	0.0769151	1.87604	1.87604	0.55944	1.05998	1.05998	0.115714	1.57874	1.57874	1.93945	3.14237	1.44021	1
6a12011897	NACA;NACA;NACA;NACA;NACA;NACA;NACA	0.181803	0.321828	0.891643	-1.12153	0.102201	1.22192	1.22192	0.0156387	1.39388	1.39388	0.465353	0.920114	-1.08682	0.714672	1.042	1.042		0.575624	0.93859	-1.06543	0.466561	0.920128	-1.08657	0.52038	1.07574	1.07574	0.559007	1.06846	1.06846	1.93943	0.385708	0.176779	1
6a24088775	ZNF709;ZNF709;ZNF709;ZNF701	0.181806	0.740241	1.09902	1.09902	0.0139128	0.651368	1.25288	-1.60588	0.765892	1.24734	1.24734	0.0315956	2.1924	1.6913	0.710055		0.517472	1.20471	1.2471	0.0216066	1.64212	1.64212	0.0723411	1.84227	1.84227	0.67605	0.880154	-1.13616	1.93952	2.85157	1.30089	1
6a02902395	POU2F1	0.181807	0.335706	0.716456	-1.3976	0.777259	0.909133	-1.09995	0.982829	0.992797	-1.00725	0.523582	0.80481	-1.2425	0.640132	0.85379	-1.17125		0.363015	0.729496	-1.37081	0.01025	0.262653	0.417675	0.757152	-1.32074	0.282224	0.687054	-1.45549	1.93941	3.46542	1.5883	1
6a02576092	SYTL1;SYTL1	0.181808	0.0342194	0.68337	-1.46353	0.0377262	0.44587	-2.24277	0.10737	0.5617793	0.0254206	0.96858	0.968414	0.998805	1.0034222	-2.02107	0.0536045	0.0436736	0.344334	0.0476989	2.90944	0.0466979	0.62564	-1.59842	0.0855195	0.622458	-1.60654	0.0313074	2.49435	0.0313074	2.49435	4.2423	2.1423	1
6a01705052	SHISA9;SHISA9	0.181809	0.122916	2.0966	2.0966	0.384255	1.48462	1.48462	0.544035	0.761851	-1.31259	0.481521	0.728412	-1.37285	0.464825	0.719283	1.39027		0.0356331	0.338505	2.95416	?	?	?	0.277078	1.64989	1.64989	0.353702	1.52601	1.52601	1.95154	1.39013	2.76199	1
6a06958216	EIF3B;EIF3B	0.181812	0.135701	0.723227	-1.38269	0.320375	0.813092	-1.22987	0.0159789	0.551868	-1.81203	0.792384	0.546	1.0546	0.771155	0.94292	-1.06053		0.754585	1.06523	1.06523	0.158377	1.35464	1.35464	0.836115	1.04263	1.04263	0.55883	1.12652	1.12652	1.93939	1.24734	0.571702	1
6a19321126	HDLBP;HDLBP	0.181813	0.59136	1.19539	1.19539	0.0783624	1.55155	1.55155	0.0134564	1.56609	1.56609	0.154456	1.18185	1.18185	0.0134617	1.36313	1.36313	0.0129717	1.3335	1.3335	1.3335		0.463764	1.1384	1.1384	0.275309	0.893727	-1.11904	0.0658	1.36196	1.36196	0.716158	1.05448	1.05448	1.93938	0.946386	0.433763	1
6a08529049	CWH43	0.181816	0.0699628	7.77763	7.77763	0.676491	7.35147	7.35147	0.104909	6.0133	6.0133	0.163103	4.55196	4.55196	0.552848	1.83642	1.83642		0.54025	0.533825	-1.87327	0.0633912	0.27659	0.27659	0.0821935	7.02433	7.02433	0.405256	2.36803	2.36803	1.93936	31.4795	14.4283	1
6a22998937	C4orf23	0.181820	0.520706	1.0961	1.0961	0.0847988	1.14313	1.14313	0.782661	0.89653	-1.11541	0.333649	0.674118	-1.48342	0.0215092	0.80868	-1.23612		0.15806	0.705357	-1.41834	0.0540828	0.42289	0.23668	0.0873202	1.1723	1.1723	0.140305	0.713046	-1.40243	0.93935	4.80341	2.02161	1
6a01686767	DVL3	0.181821	0.109245	1.01485	1.01485	0.124239	0.580406	-1.72328	0.503093	1.10747	1.10747	0.425504	0.952154	1.01419	1.01419		0.369214	1.1458	1.1458	0.415891	0.882582	-1.13304	0.0237346	1.50003	1.50003	0.0370122	1.43877	1.43877	1.93935	0.693004	0.317634	1
6a14133691	STX3	0.181822	0.95852	1.00871	1.00871	0.263	0.823256	-1.21469	0.33863	0.848415	-1.17867	0.127007	1.31662	1.31662	0.0786906	1.38467	1.38467		0.0276252	1.54348	1.54348	0.842368	0.96734	-1.03376	0.769602	1.05017	1.05017	0.721409	1.06149	1.06149	1.93933	0.853126	0.391029	1
6a13318532	RFX4P	0.181822	0.0608666	1.67981	1.67981	0.134845	0.679429	-1.72509	0.0241298	0.539758	-1.85197	0.0826931	0.482492	-2.07252	0.0150264	0.808868	-1.23612		0.0334789	0.445826	2.24353	0.0196754	1.17922	0.967977	0.955517	1.01834	1.01834	0.854698	1.02322	1.1723	1.14035	0.930355	1.08341	1.02061	1.93931	2.73107	0.326853	1
6a14725952	PTPRS;PTPRS;PTPRS;PTPN5	0.181823	0.306789	0.772847	-1.29392	0.669379	0.900674	-1.11028	0.0642866	1.65914	1.65914	0.430135	0.821903	-1.21659	0.0631997	0.601166	-1.66343		0.222231	1.36673	1.36673	0.177049	0.705083	-1.41827	0.304017	0.771622	-1.29597	0.907606	0.972112	-1.02868	1.9393	1.82177	0.835017	1
6a13624041	MLLT3	0.181829	0.857082	1.0299	1.0299	0.0788344	0.91655	1.09155	0.0631464	1.3448	1.3448	0.687809	1.05729	1.05729	0.0483455	1.31897	1.31897		0.0379707	1.5555	1.5555	0.0299951	1.69477	1.69477	1.08477	0.9206199	0.735037	-1.35961	0.0848583	1.30054	1.93929	0.0479188	0.0244939	1
6a08671115	AHCTF1	0.181833	0.150199	0.406795	-2.45824	0.705015	0.314672	-3.17791	0.544908	0.69955	-1.42949	0.252402	0.20808	0.20808	0.0296048	0.224585	-4.45266		0.239292	1.487418	-2.00163	0.462229	0.646343	-1.54717	0.435534	1.59031	1.59031	0.656763	0.77042	-1.29799	1.93929	10.4449	4.78751	1
6a00967489	ADAMTS19	0.181835	0.154215	0.646097	-2.54272	0.316818	0.509276	-1.97708	0.0249183	0.530221	-1.88601	0.253974	0.753381	-1.32735	0.507359	0.852236	-1.17338		0.662573	0.803215	-1.24511	0.124393	0.976403	-1.02397	0.922033	1.01097	1.01097	0.951571	1.08319	1.08319	1.93932	0.731077	0.326853	1
6a24899068	RPS11	0.181837	0.577939	1.09175	1.09175	0.15662	1.26699	1.26699	0.0655299	1.73601	1.73601	0.961509	0.992491	-1.00757	0.938218	1.00604	1.00604		0.925272	1.01476	1.01476	0.533505	0.906648	-1.10296	0.515452	0.902129	-1.10848	0.716114	1.0587	1.0587	1.93928	0.749188	0.343398	1
6a01902704	ARHGAP17;ARHGAP17	0.181835	0.222551	0.661166	-1.51248	0.892081	0.957131	-1.04479	0.0189604	0.399693	-2.50192	0.637684	0.858092	-1.16546	0.174598	0.627447	-1.59376		0.104581	1.77291	1.77291	0.929871	1.02882	1.02882	0.71192	1.12718	1.12718	0.4179	0.765521	-1.3063	1.93926	3.19995	1.46674	1
6a18083837	OVCH1	0.181836	0.740241	1.09902	1.09902	0.0139128	0.651368	1.25288	-1.60588	0.765892	1.24734	1.24734	0.0315956	2.1924	1.6913	0.710055		0.517472	1.20471	1.2471	0.0216066	1.64212	1.64212	0.0723411	1.84227	1.84227	0.67605	0.880154	-1.13616	1.93952	2.85157	1.30089	1
6a14701504	TBX4	0.181842	0.264557	0.779534	-1.28282	0.252928	1.29143	1.29143	0.110491	0.689006	-1.45137	0.679859	0.914962	-1.09294	0.0591276	1.57838	1.57838		0.868679	0.96518	-1.03608	0.0644039	1.56051	1.56051	0.964353	0.990474	-1.00962	0.66421	1.09807	1.09807	1.93922	1.4089	0.645803	1
6a21139605	AP4S1;STRN3;STRN3;AP4S1	0.181842	0.277314	0.81827	-1.22209	0.0874174	1.39789	1.39789	0.0251588	1.60847	1.60847	0.518443	1.1186	1.1186	0.344(5	1.18875	1.18875		0.625125	1.09135	1.09135	0.259348	1.23316	1.23316	0.826209	1.03981	1.03981	0.224562	0.802275	-1.24957	1.93922	0.967816	0.442462	1
6a07723747	NIN1L	0.181845	0.0213525	0.301936	0.29603	0.462656	0.40103	-2.49434	0.0249183	0.530221	-1.88601	0.253974	0.753381	-1.32735	0.507359	0.852236	-1.17338		0.827496	0.910188	-1.09867	0.139297	0.503544	-1.98592	0.459094	1.5965	1.5965	0.3841	0.645878	1.2208	1.2208	1.93917	5.71048	2.61755	1
6a12411847	CDH4	0.181849	0.0678074	0.372157	-2.68704	0.0157414	0.239328	-4.17836	0.274424	0.577254	-1.73234	0.572062	0.75891	-1.31768	0.340487	0.318449	-3.14022		0.644213	0.798758	-1.25194	0.545144	0.744099	-1.34391	0.376426	0.645704	-1.5487	0.22278	0.538472	-1.85711	1.93918	7.1702	3.2867	1
6a21205276	IARS;IARS;SNORA84	0.181851	0.4369956	1.27846	1.27846	0.374838	1.24438	1.24438	0.587654	1.1264	1.1264	?	?	?	?	?	?		0.0389956	1.55289	1.55289	0.51277	0.73493	0.802534	-1.24605	0.931836	0.21459	0.21459	?	?	1.93917	0.1822	0.202838	1
6a13940444	RARG	0.181852	0.482972	0.541732	-1.84593	0.0193222	0.0878301	-11.3856	0.0234932	0.0976482	-10.2408	0.54502	0.590585	-1.69324	0.28218	0.382579	-2.61384		0.141881	0.257239	-3.88744	0.415702	0.489088	-2.04462	0.986901	0.985985	-1.01421	0.91968	1.09059	1.09059	1.93917	2.7201	10.4058	1
6a19173504	ZNF552	0.181853	0.275018	0.844769	-1.18376	0.581047	0.920541	-1.08632	0.12898	1.27594	1.27594	0.833638	1.08075	1.08075	0.0603807	0.730092	-1.36969		0.0242824	0.967497	-1.03359	0.164148	0.958116	0.977593	1.1044	1.1044	1.1044	1.1044	1.1044	1.1044	1.93916	0.1044	0.0439161	1
6a15647527	C13orf1;C13orf1;C13orf1	0.181853	0.394092	1.74789	-1.33728	0.750228	0.899043	-1.11229	0.0367017	2.24366	2.24366	0.108553	1.79105	1.79105	?	?	?		0.196005	1.75656	1.75656	0.0797349	1.91064	1.91064	0.397483	2.13668	1.33668	0.387708	1.34282	1.34282	1.95129	3.04516	1.56059	1
6a15233881	KIF21B	0.181857	0.83629	0.924986	-1.0811	0.0219664	0.354993	-2.81696	0.107848	0.516226	-1.93734	0.307719	0.671731	-1.48869	0.991131	0.718115	-1.39253		0.105448	0.513461	-1.94757	0.0368555	0.40104	-2.49352	0.56672	0.803942	-1.24387	0.944228	1.02672	1.02672	1.93914	4.36157	1.99931	1
6a19617355	HRNBP3	0.181865	0.501655	1.51853	1.51853	0.0777	0.727205	1.37205	0.0359356	1.57036	1.57036	0.170838	1.0939	1.0939	0.415412	1.0939	1.0939		0.662573	0.803215	-1.24511	0.124393	0.976403	-1.02397	0.922033	1.01097	1.01097	0.951571	1.08319	1.08319	1.93914	0.731077	0.326853	1
6a00982312	A2BP1;A2BP1	0.181869	0.464134	0.262472	-1.15946	0.380707	0.836488	-1.19547	0.0390987	1.60258	1.60258	0.846577	1.03974	1.03974	0.266386	0.781853	-1.27901		0.273158	0.796496	-1.2555	0.128844	0.721877	-1.38528	0.15608	1.35163	1.35163	0.97722	1.00569	1.00569	1.93908	1.2109	0.555089	1
6a10700934	TRIM39;TRIM39	0.181871	0.0883157	0.592114	-1.68853	0.0153205	0.0934228	-10.7042	0.0249183	0.530221	-1.88601	0.253974	0.753381	-1.32735	0.507359	0.852236	-1.17338		0.0855428	0.694258	-1.44042	0.402766	0.51556	-1.94012	0.424224	0.886885	1.12754	0.3408	0.997359	-1.00265	0.976531	1.02116	1.02116	0.349301	1.48803	1.48803	1.93907	5.22743	2.39563	1
6a14468080	CITED2;CITED2;CITED2	0.181871	0.6657533	1.06518	1.06518	0.34589	1.15146	1.15146	0.877799	0.977893	-1.02261	0.93832	1.01131	1.01131	0.361977	1.14584	1.14584		0.207001	1.2133	1.2133	0.0304524	0.691061	-1.44705	0.089576	0.761912	-1.31249	0.338234	1.15422	1.15422	1.93907	0.6482442	0.29716	1
	FAM172A;FAM172A;FAM172A;FAM172	A																															
6a20701810	A	0.181871	0.183702	0.748704	-1.33564	0.0518506	0.635089	-1.57458	0.619483	1.10818	1.10818	0.0992473	1.4489	1.4489	0.0375302	1.2064	1.2064		0.18347	1.33587	1.33587	0.206125	1.31475	1.31475	0.874548	0.968251	-1.03279	0.844335	1.04116	1.04116	1.93906	1.29304	0.592744	1
6a10351284	MTSS1	0.181875	0.340491	0.545565	-1.83296	0.308238	1.91658	1.91658	0.882595	0.912877	-1.09544	0.798773	0.854209	-1.17067	0.348214	0.551155	-1.81437		0.562654	0.696954	-1.43482	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 N)	Fold-Change(105 N)	p-value(111 N)	Fold-Change(111 N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 N)	Fold-Change(1211 N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(473 N)	Fold-Change(473 N)	p-value(533 vs. N)	Fold-Change(533 vs. N)	p-value(537 N)	Fold-Change(537 N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563 N)	Fold-Change(563 N)	F(Error
cg06753162	R3HDM1	0.182052	0.01838916	1.28097	1.82097	1.426106	0.18565	1.185605	0.650107	0.9087336	-1.10043	-1.181801	1.345379	1.345379	0.3588	1.8200601	0.2128622	0.174782	1.35314	1.353314	0.2431666	1.295163	1.295163	1.865009	1.3639	1.3639	0.717948	0.92681	-1.07897	1.93809	1.34771	0.618118	1
cg18870064	IKZF5;IKZF5;ACAD5B	0.182055	0.573969	0.830788	-1.20368	0.232465	0.664567	-1.50474	0.725129	0.891185	-1.1221	0.186214	0.632967	-1.57986	0.201075	1.5537	1.5537	0.0914801	0.545272	-1.83395	0.0605152	0.501231	-1.99509	0.165558	1.62032	1.62032	0.517548	0.807262	-1.23876	1.93807	3.26885	1.44924	1
cg27526346	KCNIP4;KCNIP4	0.182058	0.254012	0.521156	-1.91881	0.167205	2.26502	2.26502	0.384014	0.633626	-1.62966	0.623892	0.763078	-1.31048	0.145124	0.424831	-2.35388	0.0582865	0.310133	-3.22442	0.227448	0.499959	-2.00016	0.156078	2.29383	2.29383	0.746091	1.19454	1.19454	1.93806	9.18836	4.21424	1
cg17902947	PPAP2B;PPAP2B	0.182058	0.361568	0.411817	-2.4283	0.209375	0.366917	-2.72541	0.207976	0.865665	-2.73475	0.638267	0.698464	-1.43165	0.885614	1.11525	1.11525	0.1959598	0.354816	-2.81838	0.3344664	0.470492	-2.12543	0.0235141	1.76842	1.76842	0.740285	1.28696	1.28696	1.93806	1.67258	0.884408	1
cg09918296	ZNF331;ZNF331	0.182061	0.756584	0.93991	-1.06393	0.397262	1.18858	1.18858	0.489017	1.15037	1.15037	0.129293	1.38635	1.38635	0.900381	0.975348	-1.02527	0.193099	1.31588	1.31588	0.0227879	0.580925	-1.72139	0.477661	0.865981	-1.15476	0.137425	1.22323	1.22323	1.93804	1.21931	0.559239	1
cg08442529	HEY2	0.182067	0.0308237	0.503156	-1.98607	0.468281	0.818926	-1.22111	0.530185	0.841865	-1.18784	0.17451	0.47843	1.147451	0.478643	0.618675	1.14594	1.14594	0.579774	1.16346	0.146396	0.234086	1.40167	1.40167	0.296868	1.34014	1.34014	0.154395	1.51085	1.51085	1.93801	2.24916	1.0316	1
cg04293307	AXIN2	0.182069	0.172029	0.324399	-3.08262	0.0547866	0.185101	5.40247	0.138376	0.290702	-3.43995	0.1298	0.285389	-3.55128	0.937071	0.940685	-1.06306	0.881134	0.890588	-1.12285	0.01857	0.109662	-9.11895	0.615431	0.67555	-1.48027	0.172694	0.325037	-3.07658	1.938	18.4065	8.44239	1
cg18766809	ZNF799	0.182073	0.909243	1.0917	1.019	0.9156486	0.95478	-1.51566	0.9368623	0.887	-1.01317	0.767441	0.95233	-1.05617	0.0559816	1.42951	1.42951	0.269582	0.827153	-1.20897	0.734493	1.0578	1.0578	0.189317	1.25798	1.25798	0.622658	1.08531	1.08531	1.93798	0.8362613	0.383945	1
cg20068156	NOS3	0.182073	0.367931	1.27426	3.27426	0.122177	0.764877	-1.3074	0.0990883	0.599539	1.62921	1.62921	0.739198	1.29655	0.0491153	1.79775	1.79775	0.2525557	1.36779	1.36779	0.958131	1.01385	1.01385	0.222459	1.07425	1.07425	0.714625	-1.39934	0.241557	0.725241	-1.37885	1.93797	2.10794	0.966849	1
cg26960833	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.182076	0.801871	0.915247	-1.0926	0.0844755	0.510581	-1.95855	0.230726	1.55714	1.55714	0.86357	0.94122	-1.06245	0.980131	1.00881	1.00881	0.4518441	0.763386	-1.30995	0.0427337	2.27415	2.27415	0.151343	1.71865	1.71865	0.3113878	0.691771	-1.44557	1.93796	3.808	1.74663	1
cg15135914	RELA;RELA	0.182078	?	?	?	?	0.866547	1.15385	0.7558033	1.07605	1.07605	0.13657	0.644417	1.550265	0.83272	1.20073	1.20073	?	?	?	?	0.429663	2.32756	0.0154562	0.43542	2.29663	0.2381	0.955354	-1.04673	2.05045	1.85233	0.903378	1
cg27504861	CA10;CA10;CA10	0.182080	0.898737	0.960934	-1.04065	0.167403	1.58507	2.58507	0.44763	1.27411	1.27411	0.643295	0.890693	0.8509077	-1.17512	0.466217	1.26123	1.26123	0.196743	1.53295	0.53295	0.0098303	2.77718	0.277118	0.414296	1.71739	1.71739	0.858297	1.05753	1.93794	3.00695	1.37922	1
cg22737985	KIAA0Y2	0.182084	0.0126504	0.496043	-1.94709	0.15374	0.582088	-1.71559	0.586062	0.621731	-1.60841	0.151569	0.379909	1.737909	?	?	?	0.2729543	0.791164	-1.35202	0.5911627	0.4605532	-2.12978	0.0909341	0.58039	1.58039	0.6602207	0.63475	-1.57542	1.95001	20.5027	10.1567	1
cg20799165	LOC286094	0.182085	0.98268	0.990534	-1.00956	0.2515	0.591619	-1.69028	0.134794	0.493425	-2.02665	0.403395	0.794821	-1.25814	0.00568991	0.204129	-4.89887	0.643809	0.815462	-1.2263	0.19109	0.545264	-1.83398	0.665497	0.826483	-1.20995	0.513518	0.748035	-1.33684	1.93791	5.89163	2.7024	1
cg17717000	PLD3;PLD3;C19orf47	0.182087	0.315661	0.31171	-3.20811	0.202111	4.57952	4.57952	0.311023	3.24722	3.24722	0.895543	0.863425	-1.15818	0.2212093	0.0413421	-24.1884	0.739424	0.688429	-1.45258	?	?	0.2665826	0.784801	-1.27421	0.291993	3.41816	3.41816	0.203697	35.0786	15.0683	1
cg05072492	NADSYN1	0.182088	0.484932	0.8914	1.16395	0.2013554	1.81958	1.81958	0.4822189	1.63516	1.63516	0.2040312	1.2040312	0.6901288	1.0043	1.0043	0.0096746	0.953468	1.01254	1.01254	0.552205	0.879475	-1.13704	0.565389	1.13214	1.13214	0.308276	1.25258	1.25258	1.93789	1.39972	0.642035	1
cg13264672	CDK13;CDK13	0.182095	0.808674	0.887655	-1.12656	0.294804	1.70533	1.70533	0.0476591	3.0423	3.0423	0.179311	2.01525	2.01525	0.8686095	0.921936	-1.08467	0.627899	1.27117	1.27117	0.0408421	0.3133578	-3.189	0.35428	1.59707	1.59707	0.454248	1.45423	1.45423	1.93786	7.4068	3.39747	1
cg02405337	C7orf53;C7orf53;C7orf53	0.182096	0.623856	1.1911	1.1911	0.428022	0.75176	-1.33021	0.6828548	0.507871	-1.96901	0.250138	528	1.528	0.03609	0.42319	-2.36301	0.198457	1.61516	1.61516	0.740129	0.889044	-1.12398	0.427489	1.33083	1.33083	0.50705	0.78863	-1.26802	1.93785	3.81959	1.75204	1
cg05532908	HDAC11;HDAC11	0.182096	0.09104064	0.620449	-1.61278	0.249387	0.7341	-1.36221	0.3401157	0.769626	-1.29962	0.135425	0.5615527	-1.78111	0.2677036	0.1284712	-7.78837	0.919807	0.974474	-1.02619	0.0307258	0.1918868	1.91868	0.922508	0.975327	-1.0253	0.907317	0.970538	-1.03036	1.93785	2.02343	0.928145	1
cg00027669	STAC2	0.182099	0.31416	0.615401	-1.62496	0.102129	0.434137	-2.30342	0.0462777	0.34479	-2.90032	0.562974	0.761283	-1.31357	0.0177255	0.324969	-3.07721	0.161982	0.498367	-2.00655	0.382988	0.658857	-1.51778	0.036917	0.122934	-3.09661	0.391414	0.663952	-1.50613	1.93784	6.67596	3.06228	1
cg14323109	KDR	0.182102	0.529529	1.08057	1.08057	0.925602	0.97587	-1.02282	0.8518089	0.880094	-1.13624	0.295717	1.15535	1.15535	0.964733	0.964733	-1.03629	0.47597	0.994129	-1.00591	0.464566	-1.10421	0.300733	1.15582	1.15582	0.153782	0.54433	-1.83604	1.93782	0.54433	0.249687	1
cg19388996	NAAA;NAAA	0.182103	0.0683952	0.728205	-1.37324	0.550049	0.910353	-1.09848	0.49292	0.897489	-1.11422	0.0597824	0.718998	-1.39083	0.0307953	0.67439	-1.48282	0.125599	0.773024	-1.29362	0.339041	0.858083	-1.16539	0.524951	1.10523	1.10523	0.204755	0.812349	-1.231	1.93782	0.740333	0.339595	1
cg08862394	TCEB1L	0.182105	0.05832629	0.614444	1.62763	0.107263	0.683757	-1.46484	0.5424	0.7449	-1.34176	0.0536161	0.4270229	-2.34176	0.0536161	0.178611	-5.59876	0.4637177	0.163837	-6.10463	0.0154514	0.186158	-5.37177	0.0810015	0.270707	-3.69404	0.939916	0.523032	-1.91089	1.9378	1.94525	0.78376	1
cg16280313	PEX16;PEX16;PEX16;PEX16	0.182108	0.079951	1.68991	1.68991	0.320975	1.31905	1.31905	0.0520489	1.81638	1.81638	0.207112	1.43229	1.43229	0.865923	0.955391	-1.04669	0.0718001	1.72084	1.72084	0.36702	0.778605	-1.28435	0.40439	2.7942	2.7942	0.0794216	-1.2591	0.992481	1.997458	-1.00255	1.93779	2.23816	1.02667	1
cg22872376	MAD1L1	0.182111	0.0831707	0.462596	-2.16171	0.0584346	0.423439	-2.36162	0.508628	0.763773	-1.30929	0.72035	0.865479	-1.15543	0.357417	0.42163	-2.37175	0.199661	0.579942	-1.72431	0.03639	0.0307258	4.68127	0.0169841	0.0255201	3.92042	0.0147	0.376237	-2.65804	0.102699	0.487926	-2.04949	0.504327	0.761622	-1.31299	1.93777	4.95701	2.27386	1
cg23421582	ZNF287;ZNF287	0.182113	0.345586	0.445107	-2.24617	0.107563	0.68357	-1.46384	0.5424	0.74868	-1.33592	0.0536161	0.4270229	-2.34032	0.24032	0.0991288	10.0943	0.177	0.388921	-2.57249	0.0225721	0.3886	1.04043	0.96744	1.0043	1.0043	0.991116	1.00583	1.00583	1.9377	1.48168	0.73776	0.424533	2.57077	4.74533	2.21677	1
cg00230450	C12orf60	0.182118	0.175811	2.26115	2.26115	0.230211	0.489934	-2.04109	0.997061	1.00209	1.00209	0.0933846	2.84626	2.84626	0.453187	1.54206	1.54206	0.83801	1.12303	1.12303	0.0288984	0.43665	4.36665	0.0831833	2.96584	2.96584	0.51786	1.45004	1.45004	1.93774	9.85927	4.5227	1
cg05471602	BAIA2	0.182118	0.0714203	0.325591	-3.07191	0.402122	0.91373	-1.09397	0.557144	0.64031	-2.1239	0.8490904	0.1011387	-3.65563	0.0144817	1.53283	1.53283	0.6888858	0.799054	-1.25148	0.9980904	1.00099	1.00099	0.0008407	0.321668	-3.10879	0.0204391	0.210767	-4.74458	0.159373	0.53294	0.437301	1
cg21248130	BAT5	0.182119	0.137756	0.45123	0.485292	1.0031	1.0031	0.788063	1.06406	1.06406	0.0582953	1.65275	1.65275	0.154158	1.43176	1.43176	1.43176	0.235456	1.33441	1.33441	0.0602529	0.608073	-1.64454	0.904078	1.13351	1.13351	0.332239	1.26051	1.26051	1.92572	1.6665	0.639854	1
cg16251986	PCSK6;PCSK6;PCSK6;PCSK6	0.182121	0.457742	1.24107	1.24107	0.301365	1.35776	1.35776	0.9606875	0.967128	-1.03399	0.737876	0.908526	-1.10058	0.992966	1.00252	1.00252	0.816443	0.935747	-1.06866	0.00883209	2.59117	2.59117	0.817644	1.06819	1.06819	0.160025	0.651325	-1.53533	1.93772	2.50347	1.14842	1
cg12149911	CA8	0.182122	0.2249151	0.64	1.56238	0.3568	0.47738	-2.09513	0.1828324	0.687157	-1.62711	0.1267711	0.1606159	-6.22778	0.0431852	0.2441753	-4.09615	0.414827	1.26767	1.26767	0.0453882	0.547983	-1.82486	0.0811574	0.1672	5.98	0.0243561	-1.96096	0.627524	0.866501	-1.15407	0.7197	2.02004	1
cg14733725	FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGF	0.182123	R1;FGFR1	0.830072	1.05079	0.0509758	0.228955	2.28955	0.216951	1.34912	1.34912	0.644132	0.868041	-1.15202	0.625592	1.12002	1.12002	0.544238	1.15198	1.15198	0.648931	1.09859	1.09859	0.923773	1.02231	1.02231	0.471413	0.845521	-1.1827	1.93767	1.63054	0.747997	1
cg17149859	ANKS1A;TAF11	0.182123	0.0826828	0.6055	-1.65153	0.154419	1.48875	1.48875	0.150615	0.668866	-1.49507	0.485806	0.831202	-1.20308	0.0897812	0.613719	-1.62941	0.380391	1.26477	1.26477	0.509621	0.839774	-1.1908	0.0995396	0.624213	-1.60202	0.615542	0.876184	-1.14131	1.93767	2.09133	0.959382	1
cg26595256	TRIO	0.182132	0.242561	0.56278	1.65278	0.209458	2.86889	2.86889	0.51809	1.30891	1.30891	0.167536	1.83016	1.83016	0.31555	0.652877	-1.53168	0.0992541	1.01001	1.01001	0.210647	1.73928	1.73928	0.080745	2.21594	2.21594	0.421589	1.40115	1.40115	1.93766	5.1799	2.37625	1
cg16583155	MAX;MAX;MAX;MAX;MAX;MAX	0.182143	0.1188844	0.764728	0.41244	0.107263	0.683757	-1.46484	0.5424	0.74868	-1.33592	0.0536161	0.4270229	-2.34176	0.0536161	0.178611	-5.59876	0.5165564	1.27445	1.27445	0.0487745	0.2960014	-2.51797	0.186134	0.560099	-1.7857	0.449426	0.726886	-1.37573	1.9376	2.54544	2.24132	1
cg27169020	BNC1	0.182143	0.0602853	3.63121	3.63121	0.407534	0.597126	-1.67469	0.515948	1.49313	1.49313	0.238409	0.471635	-2.12028	0.388962	1.71145	1.71145	0.458784	0.63184	-1.58268	0.594603	1.38667	1.38667	0.995661	1.00331	1.00331	0.0273121	0.900606	4.90066	0.9376	11.3668	5.21463	1
cg07932134	SRA15	0.182145	0.876463	0.9883	1.0883	0.8305	0.93647	-1.06547	1.09647	1.10383	1.10383	0.7888	1.18988	1.18988	0.925738	1.08988	1.08988	0.9778355	1.04848	1.04848	0.84193	0.9661602	-1.03993	0.8388	1.18204	1.18204	0.156286	1.16284	1.16284	0.42461	1.18204	1.18204	0.156286	1
cg12438666	C2orf15;TSGA10;TSGA10	0.182152	0.0139239	0.340333	-3.28588	0.784696	0.901494	-1.10927	0.774646	0.896996	-1.11483	0.204706	1.666659	1.666659	0.94784	1.12997	1.12997	?	?	?	?	0.767128	1.11903	1.11903	0.92523	1.03617	1.03617	0.24999	1.42512	1.72788	1
cg16414945	DUSP12	0.182152	0.902026	1.06088	1.06088	0.0700553	2.64297	2.64297	0.287726	0.588802	-1.69836	0.0811476	0.395403	-2.52907	0.0683096	0.375521	-2.66297	0.627208	1.26472	1.26472	0.378992	0.648495	-1.54202	0.764994	1.15472	1.15472	0.413554	1.46737	1.46737	1.93755	7.06603	3.24168	1
cg02603088	HS3ST3B1;HS3ST2B7	0.182155	0.178602	0.308803	-3.23768	0.0845354	0.344357	-2.90413	0.0824355	0.301113	-3.32009	0.0536161	0.4270229	-2.34176	0.0536161	0.178611	-5.59876	0.0775355	1.01048	1.01048	0.9193	0.9516502	-1.05093	0.888	1.18204	1.18204	0.156286	1.16284	1.16284	0.42461	1.18204	1.18204	0.156286	1
cg04778871	PPP3R1;PPP3R1	0.182157	0.3255557	1.1535	1.1535	0.534368	0.919309	-1.08777	0.73821	0.953908	-1.04832	0.234452	0.839178	-1.19164	0.0550143	0.937815	-1.06631	0.09797	1.62	1.62	0.0994	0.29004	0.081176	0.667816	-1.49742	0.788737	0.1085	0.1085	0.7356	0.04884	1.04884	1.93753	0.6073302	0.273615	1
cg20011639	FOXN4	0.182159	0.990951	0.918884	1.08813	0.5546	0.91093	-1.09782	0.5268	0.76808	-1.30149	0.0536161	0.4270229	-2.34032	0.24032	0.0991288	10.0943	0.1401	0.388921	-2.57249	0.0225721	0.3886	1.04043	0.97146	1.0043	1.0043	0.991116	1.00583	1.00583	1.9377	1.48168	0.73776	0.424533	2.57077	4.74533	2.21677	1
cg23700430	SRC;SRC	0.182161	0.0729072	0.509286	-1.96353	0.0349157	0.436431	-2.29131	0.74256	0.894781	-1.11759	0.572121	0.824892	-1.21228	0.147988	0.59246	-1.68788	0.274431	0.68143	-1.4675	0.0492409	0.469039	-2.13202	0.0722211	0.508274	-1.96744	0.939874	0.974877	-1.02577	1.9375	3.49005	1.60158	1
cg05717840	SLC23A2;SLC23A2	0.182163	0.0724457	0.379213	-2.63768	0.0349157	0.436431	-2.29131	0.74256	0.894781	-1.11759	0.572121	0.824892	-1.21228	0.147988	0.59246	-1.68788	0.882353	1.14344	1.14344	0.782719	0.882353	-1.13378	0.0714118	0.587913	1.57886	0.0714118	0.587913	0.520121	1.92263	0.9654	1.02121	1.93755	0.73841	0.32908	1
cg18534499	BRWD1;BRWD1;BRWD1	0.182163	0.250646	2.80846	2.80846	0.464231	0.56704	1.65074	0.834539	1.15112	1.15112	0.0547355	1.43213	1.43213	0.702131	1.29505	1.29505	0.526858	1.53945	1.53945	0.0752742	1.79095	1.79095	0.0106488	0.604784	1.68044	1.68044	0.0204784	1.38024	1.8924	1.93749	1.83823	0.37353	1
cg02989230	FANK1	0.182163	0.0577764	0.554548	-1.80327	0.122936	0.631707	-1.58301	0.190354	0.683076	-1.46397	0.761681	0.919804	-1.08719	0.0160935	0.445094	-2.24672	0.102036	0.611493	-1.63534	0.59001	0.861137	-1.16126	0.290266	0.739598	-1.35209	0.241809	0.734115	-1.40033	1.93749	2.31783	1.06338	1
cg08873008	OTUD7A	0.182167	0.1894153	1.8882	1.8882	0.53	1.46	1.46	0.0224855	1.98667	1.98667	0.150636	1.43096	1.43096	0.55765	1.08667	1.08667	0.5306364	1.08667	1.08667	0.0582017	1.39894	1.39894	0.277785	1.1714	1.1714	0.863748	1.07728	1.07728	0.0582017	1.39894	1.39894	0.277785	1.1714	1.1714	0.863748	0.6038989	0.2760597	1
cg26144734	OTUD7A	0.182167	0.323985	1.82832	1.82832	0.037494	1.1782	1.1782	0.380001	1.70481	1.70481	0.131862	2.62064	2.62064	0.398006	1.66964	1.66964	0.27137	1.9705	1.9705	0.0669978	3.37441	3.37441	0.0562223	3.5957	3.5957	0.0492068	3.78046	3.78046	1.93747	10.7672	4.93985	1
cg04343789	RAB11FIP3;RAB11FP3	0.182168	0.5925151	1.15562	1.35562	0.102791	2.74587	2.74587	0.0178397	5.06673	5.06673	0.39126	1.642	1.642	0.564922	0.71986	-1.38916	0.16815	2.25147	2.25147	0.280333	0.530703	-1.88429	0.0437028	0.564539	1.77149	0.0437028	0.564539	0.792024	4.49788	1.81858	0.747997	1
cg07054292	CYP27C1;CYP27C1 ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2	0.182173	0.071073	1.64669	0.68018	0.213762	0.30934	-3.23269	0.6073398	0.669739	-1.64637	0.444263	0.497495	-2.01007	0.04058414	0.428413	4.30473	0.1343171	0.235725	-4.24224	0.02668687	0.09566641	-10.4532	0.121046	0.222026	-4.50398	0.432591	0.488251	-2.04813	1.93744	24.5893	11.2815	1
cg04774891	A3;ATP2A3;ATP2A3	0.182175	0.306851	0.845822	-1.18228	0.651215	0.930498	-1.07469	0.650569	0.930346	-1.07485	0.597637	1.08796	1.08796	0.734969	0.947639	-1.05525	0.193163	1.24355	1.24355	0.113285	1.65189	0.878111	0.976	-1.02459	0.217088	1.22821	1.22821	1.93743	0.768774	0.352712	1
cg15738450	TRIM31	0.182178	0.0595397	2.52435	2.52435	0.0438667	2.74175	2.74175	0.532961	1.3165	1.3165	0.741128	0.86558	-1.15529	0.59097	1.26647	1.26647	0.454907	1.39295	1.39295	0.139532	0.500401	-1.9984	0.614275	1.24767	1.24767	0.10304	2.18573	2.18573	1.93741	5.81772	2.66918	1
cg19264444	CDGAP	0.182185	0.945551	0.973113	-1.02121	0.403324	0.768873	-1.30061	0.6229859	0.832452	-1.2124	0.0775205	0.544406	-1.83686	0.596222	0.844954	-1.17861	0.2710183	1.42211	1.42211	0.370366	1.32672	1.32672	0.0948992	1.67626	1.67626	0.101986	2.02461	2.02461	0.66129	-1.5122	1.93737	2.80816	1.32971	1
cg02093164	NCA2	0.182188	0.549944	1.14821	1.14821	0.532997	0.865656	-1.15519	0.6240884	0.54084	-1.84897	0.566875	0.876121	-1.14139	0.73131	1.3924	1.3924	0.325189	1.79145	1.79145	0.126353	0.218332	0.743909	-1.34425	0.0977885	0.660335	-1.51438	0.773999	1.06799	1.06799	1.93737	1.60167	0.734866	1
cg13171681	SH3BGRL3	0.182191	0.414485	0.888559	-1.12542	0.03911	1.40178	1.40178	0.0404925	1.39813	1.39813	0.172646	1.22824	1.22824	0.314357	1.15879	1.15879	0.2952389	1.1662	1.1662	1.3578	0.879193	-1.13741	0.35501	1.14427	1.14427	0.70684	1.05498	1.05498	1.93734	0.615596	0.282448	1
cg10056096	SNORA23;SPO7	0.182193	0.3046432	1.79105	1.79105	0.85432	0.539403	-1.85441	0.1279239	0.858159	-1.16525	0.1866007	0.539304	-1.85441	0.1279239	0.858159	-1.16525	0.1439344	0.702719	-1.42311	0.0201355	0.2833114	-3.53214	0.454791	1.55611	1.55611	0.13404	0.560658	-1.78362	1.93733	3.30491	1.74838	1
cg08405463	LONRF3;LONRF3	0.182195	0.0183155	0.07143	-13.9997	0.405152	0.456082	-2.19259	0.778377	0.770997	-1.29702	0.882728	1.14575	1.14575	0.469196	0.507244	1.97444	0.0232631	0.0820937	-12.1812	0.674507	1.476	1.476	0.811192	1.24682	1.24682	0.968205	1.03742	1.03742	1.93732	2.06262	11.9612	1
cg12729122	ARX	0.182195	0.0155451	1.15562	1.35562	0.102791	2.74587	2.74587	0.0178397	5.06673	5.06673	0.39126	1.642	1.642	0.564922	0.71986	-1.38916	0.16815	2.25147	2.25147	0.280333	0.530703	-1.8843	0.0437028	0.564539	1.77149	0.0437028	0.564539	0.792024	4.49788	1.81858	0.747997	1
cg07935727	LOC340017	0.182200	0.498807	1.09298	1.09298	0.667344	1.05759	1.05759	0.815832	1.03067	1.03067	0.38431	0.890916	-1.12244	0.043722	1.35013	1.35013	0.2584938	1.16493	1.16493	0.0267401	1.40476	1.40476	0.298238	0.869687	-1.14984	0.443229	1.10653	1.10653	1.93726	0.514441	0.236045	1
cg26079706	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.182211	0.440324	0.603755	-1.6563	0.0160272	0.62065	0.62065	0.0759533	0.54873	0.54873	0.717565	0.792221	-1.26227	0.241436	0.455558	-2.19511	0.860256	0.893161	-1.11962	0.858747	1.121	1.121	0.802676	1.17395	1.17395	0.743552	0.810184	-1.23429	1.93723	12.6142	5.78794	1
cg23829949	ZNF282;ZNF238	0.182213	0.0945124	0.378863	-2.63976	0.0731565	0.58083	-1.72159	0.2525	0.820218	-1.21858	0.1810705	1.39022	1.39022	0.0546466	0.719201	-1.39022	0.2678302	0.640669	-1.56127	0.0459033	0.5486496	1.82256	-1.27547	0.0826878	0.561235	-1.78154	0.0299513	0.269824	1.42447	1.93722	2.76825	1.33467	1
cg09371247	PIGF;PIGF	0.182213	0.0405154	0.319203	-3.13281	0.0762536	0.385921	-2.5912

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg21487856	SPTBN1;SPTBN1	0.182406	0.391916	1.52867	1.52867	0.01111089	4.6665	4.6665	0.0908733	2.46258	2.46258	0.8319946	0.90229	-1.10829	0.8849092	0.931853	-1.07313	0.7945011	1.13462	1.13462	0.932215	0.959674	-1.04202	0.131486	2.19858	2.31858	0.645284	0.7991	-1.25141	1.93618	7.17877	1.29573	1
cg05346899	LASS4	0.182409	0.0928597	0.790859	-1.26445	0.933167	0.989413	-1.0107	0.569527	0.929655	-1.07567	0.965282	1.00554	1.00554	0.721228	1.04652	1.04652	0.75289	1.04089	1.04089	0.0306087	0.724441	-1.38037	0.0585963	0.762525	-1.31143	0.0852347	0.785478	-1.27311	1.93617	0.4937994	0.2266991	1
cg19941230	GNA13	0.182409	0.317333	1.34962	1.34962	0.0197645	2.26249	2.26249	0.208822	1.46857	1.46857	0.493472	1.2235	1.2235	0.688878	0.889818	-1.12383	0.391434	1.29006	1.29006	0.270818	0.717096	-1.39451	0.929162	0.974539	-1.02613	0.182209	0.663204	-1.50783	1.93617	2.5799	1.18443	1
cg10959242	ZFYVE28	0.182411	0.549632	1.168195	-1.49656	0.0217278	0.26405	1.26405	0.0878519	3.50644	3.50644	0.9399927	1.42332	1.42332	0.1319062	0.338607	-2.95301	0.288368	2.08351	2.08351	0.931942	0.944702	-1.05853	0.99466	1.00447	1.00447	0.862145	1.12271	1.12271	1.93616	3.61606	6.24403	1
cg03419935	PTK2B;PTK2B;PTK2B;PTK2B	0.182411	0.462008	0.859295	-1.16374	0.754075	0.938338	-1.06571	0.212046	1.30503	1.30503	0.587263	0.894942	-1.11739	0.572292	0.890866	-1.1225	0.708881	1.07891	1.07891	0.0387229	1.98474	1.98474	0.480974	1.15613	1.15613	0.409985	1.18607	1.18607	1.93616	1.25771	0.5374413	1
cg04166070	AK7	0.182419	0.202377	0.557315	-1.79432	0.100117	2.18662	-1.28862	0.0328881	2.99551	2.99551	0.234189	1.71868	1.71868	0.420256	0.699383	-1.42987	0.282721	1.62373	1.62373	0.474818	1.37109	1.37109	0.947581	1.52194	1.52194	0.230692	1.72637	1.72637	1.93611	5.78254	2.65482	1
cg14375632	C9orf3	0.182419	0.193785	0.489105	-2.04455	0.0191797	0.228998	-4.36684	0.0238985	0.246127	-4.06294	0.865282	0.915464	-1.09234	0.290613	0.565266	-1.76908	0.406941	0.643221	-1.55468	0.344921	0.602896	-1.65866	0.172367	0.469771	-2.1287	0.869199	0.917845	-1.08951	1.93611	8.29644	3.80898	1
cg09915395	DGKG;DGKG;DGKG	0.182432	0.610992	0.920581	-1.08627	0.163416	1.27263	1.27263	0.443814	0.88192	-1.13389	0.836332	1.01893	1.01893	0.207484	0.807011	-1.23914	0.745507	1.05371	1.05371	0.322807	1.64136	1.64136	0.357447	1.16607	1.16607	0.960405	1.090204	-1.08804	1.93604	0.7979072	0.36634	1
cg03816844	SYT12	0.182432	0.0880496	0.486865	-2.05396	0.563776	2.21921	2.21921	0.0526553	0.740711	-2.32174	0.515319	0.777154	-1.28675	0.760667	1.12391	1.12391	0.643596	0.836818	-1.195	0.804787	1.09931	1.09931	0.307583	1.49743	1.49743	0.584195	0.8095518	1.2353	1.93604	4.48288	2.05821	1
cg16703576	RUNDC3B;RUNDC3B;RUNDC3B;ABCB1; RUNDC3B;RUNDC3B;RUNDC3B	0.182434	0.318848	0.665867	-1.5018	0.950738	1.02469	1.02469	0.805942	1.10203	1.10203	0.202203	0.587754	-1.70151	0.078496	0.462338	-2.16292	0.707584	0.86179	-1.16038	0.0254362	2.85317	2.85317	0.665633	1.18723	1.18723	0.445922	1.35893	1.35893	1.93603	4.77772	2.19359	1
cg25752890	SLC6A4	0.182444	0.174925	0.815974	-1.22553	0.196063	0.62472	-1.21253	0.249587	0.894807	-1.18485	0.709557	0.948629	-1.05415	0.817338	0.967914	-1.03315	0.711308	1.0538	1.0538	0.330272	0.794251	-1.29005	0.0550836	1.35877	1.35877	0.192652	1.21453	1.21453	1.93598	0.60924	0.279727	1
cg25239310	CLMN	0.182445	0.284326	0.647373	-1.53795	0.0451033	0.389579	-1.56687	0.167325	0.546046	-1.8286	0.310607	0.656395	-1.51753	0.23774	0.595017	-1.68062	0.357651	1.47385	1.47385	0.156867	1.8605	1.8605	0.346519	1.48808	1.48808	0.659262	0.833647	-1.19955	1.93598	5.15021	2.56389	1
cg24936467	GABBR1;GABBR1	0.182446	0.0523015	0.156691	-6.38198	0.241314	2.798	2.798	0.167649	2.17339	2.17339	0.629201	0.664883	-1.50402	0.233271	0.350498	-2.85308	0.393753	0.480555	-2.08093	0.103928	2.025033	-4.4438	0.119634	0.242548	-4.1229	0.172114	0.295455	-3.38461	1.93597	21.5764	9.90669	1
cg21262262	AATF	0.182446	0.217106	0.494129	-2.02376	0.310917	1.749	1.749	0.733536	0.831907	-1.20206	0.472931	1.48628	1.48628	0.241177	0.520049	-1.92289	0.0513126	0.299821	-3.33533	0.0445637	2.985093	-3.49769	0.186112	0.467216	-2.14034	0.255441	0.524926	-1.90503	1.93597	9.0355	4.1486	1
cg18629334	HIST1H2BJ	0.182447	0.0225716	0.202222	-4.94507	0.848193	1.01049	1.01049	0.153859	0.599136	-1.66823	0.264188	0.497407	-2.10346	0.078206	0.331025	-3.02178	0.0984067	0.9046	-1.10546	0.728478	0.318233	-3.14235	0.0125644	0.446107	-2.24161	0.948082	1.03885	1.03885	1.93596	10.2004	4.82213	1
cg21606115	PTPRN2;PTPRN;2:PTPRN2	0.182445	0.604054	0.775752	-1.28907	0.0221407	0.264093	-3.78654	0.0262915	0.278293	-3.59333	0.939466	1.03755	1.03755	0.802139	0.885268	-1.1296	0.710109	1.19868	1.19868	0.745052	1.17159	1.17159	0.855671	1.09239	1.09239	0.414394	1.49923	1.49923	1.93595	7.22306	3.31646	1
cg20522761	BAI1	0.182451	0.410432	1.42123	1.42123	0.849172	1.08275	1.08275	0.135965	0.508364	-1.95757	0.96735	0.983052	-1.01734	0.689925	1.18231	1.18231	0.151489	1.89988	1.89988	0.034309	0.3566082	-2.8042	0.2537	1.64507	1.64507	0.250234	1.65163	1.65163	1.93594	5.34716	2.45515	1
cg03111133	SNX21;SNX21;SNX21;SNX21	0.182455	0.6911666	0.8863133	-1.12849	0.5045311	1.203002	1.203002	0.6525053	0.740711	-2.32174	0.515319	0.777154	-1.28675	0.760667	1.12391	1.12391	0.822659	1.07032	1.07032	0.5012446	1.228331	1.22833	0.619973	0.859559	-1.16339	0.867948	1.015167	1.015167	1.93593	2.810008	1.295026	1
cg21062760	ZBTB12	0.182455	0.971494	1.01868	1.01868	0.0345872	3.583514	3.583514	0.104453	2.5076	2.5076	0.751475	0.848256	-1.17889	0.150725	0.450134	-2.22054	0.901152	1.06648	1.06648	0.134582	0.433592	-2.30632	0.985845	0.990853	-1.00923	0.458113	1.47898	1.47898	1.93592	8.226431	3.77721	1
cg02109766	SLC20A1	0.182455	0.696558	0.952955	-1.04997	0.506444	0.523	-1.91123	0.529313	1.08155	-1.08155	0.255907	1.1357	1.1357	0.149232	0.824126	-1.21341	0.6548875	1.30678	1.30678	0.020508	0.210355	1.01235	1.013638	1.23574	1.23573	0.0812854	1.26823	1.26823	1.93592	0.4635563	0.2128448	1
cg05567408	ATXN1;ATXN1	0.182456	0.241754	0.728182	-1.37328	0.0103347	0.433282	-2.30797	0.0898182	0.616254	-1.62278	0.750824	0.920833	-1.08597	0.314763	0.764052	-1.30881	0.397872	0.799239	-1.25119	0.622176	0.879339	-1.13722	0.336114	0.773552	-1.29274	0.0654456	0.585488	-1.70798	1.93592	2.50487	0.9435068	1
cg26403088	PATZ1;PATZ1;PATZ1;PATZ1	0.182456	0.390401	0.597358	-1.6049	0.457325	0.10093	1.06093	0.0501457	0.885546	-1.0188	0.204167	0.857204	-1.16658	0.0128737	0.643205	-1.55464	0.0918483	0.6918	-1.44557	0.0178248	0.3953015	-2.53005	0.0244955	0.884493	-1.1301	0.328999	0.7213	0.7213	1.93591	0.6010661	0.2681125	1
cg27319561	DNMBP	0.18246	0.27166	0.637407	-1.56886	0.953225	0.977179	-1.02335	0.412566	0.719139	-1.39055	0.914759	0.958738	-1.04304	0.130301	0.525669	-1.90234	0.514073	0.770731	-1.29747	0.0126787	0.295437	-3.38481	0.178164	0.569471	-1.75602	0.0516905	0.418326	-2.39048	1.93589	4.7488	2.18047	1
cg14984257	ID2	0.182462	0.649043	1.11642	1.11642	0.0526639	0.527601	-1.89537	0.284003	0.765275	-1.30672	0.140287	0.904098	-1.00594	0.140287	0.682949	-1.46424	0.319252	1.28069	1.28069	0.501563	1.17815	1.17815	0.55199	0.865345	-1.15561	0.083365	0.633104	-1.57952	1.93588	1.77125	0.813298	1
cg01574194	MIR636;SFRS2;MFSD11;MFSD11	0.182467	0.2883319	0.6026	-1.65972	0.0178	0.06851	-1.9085	0.99104	0.69768	-1.43327	0.107318	0.1839992	1.16492	1.16492	0.0350967	1.50006	0.0626521	1.437	1.437	0.0859869	0.7179912	-1.39293	0.877385	1.02092	1.02092	0.816586	0.9187202	1.02092	1.93588	0.5102782	0.2426513	1
cg25446197	PI4K2B	0.182468	0.979339	1.0063	1.0063	0.0504013	0.58213	-1.71783	0.0135989	0.476766	-2.09746	0.517219	1.1727	1.1727	0.828752	1.05396	1.05396	0.339923	0.78771	-1.2695	0.230701	0.737083	-1.3567	0.695439	0.90896	-1.10016	0.9902	1.0000	1.0000	1.93585	1.80472	0.828677	1
cg22303227	LOC80586	0.182469	0.925739	0.990932	-1.05049	0.122625	2.46525	-1.86058	0.0270865	0.886138	-1.25975	0.431958	0.646614	-1.54707	0.0584932	0.322062	-3.10634	0.6813088	0.803755	-1.24455	0.0145954	0.240616	-4.46396	0.0481997	0.393726	-2.53984	0.359544	0.607715	-1.64551	1.93585	8.56097	3.93498	1
cg15752885	PTPRN2;PTPRN;2:PTPRN2	0.182473	0.427459	1.39833	1.39833	0.1474411	1.90274	1.90274	0.71749	0.860396	-1.16226	0.801544	0.901025	-1.10985	0.314593	0.650285	-1.53779	0.445527	1.37963	1.37963	0.487177	1.33927	1.33927	0.091927	0.684553	1.68453	0.0772047	0.439098	2.2774	1.93582	2.52028	2.41082	1
cg04603976	ZBTB7A	0.182473	0.293618	0.593857	-1.68391	0.422817	0.675949	-1.4794	0.290829	0.591932	-1.68938	0.561616	0.757418	-1.32024	0.0702595	0.37985	-2.63262	0.318419	0.610622	-1.63767	0.0483015	0.3397393	-2.94297	0.0797661	0.53471	1.53471	0.431327	0.680898	-1.46843	1.93582	7.01552	3.22138	1
cg14048187	ERP44;INVS;INVS;ERP44	0.182474	0.7583959	0.9503	-1.05208	0.122625	2.46525	-1.86058	0.0270865	0.886138	-1.25975	0.431958	0.646614	-1.54707	0.0584932	0.322062	-3.10634	0.6572782	0.93265	-1.07222	0.5974551	0.4136182	-2.41796	0.1734191	0.914354	-1.09351	0.7277076	1.19061	1.19061	1.93581	0.6074733	1.359684	0.2525713	1
cg24902038	PLCH2	0.182475	0.092319	0.606781	-1.64804	0.162703	0.640604	-1.56103	0.0633769	0.764237	-1.30849	0.323637	0.759656	-1.31639	0.338586	0.76444	-1.30473	0.369623	1.28205	1.28205	0.01391	0.440712	-2.26905	0.382083	0.785272	-1.27344	0.651313	0.884545	-1.13052	1.93581	2.22934	1.02367	1
cg02031234	FBLN2;FBLN2	0.182485	0.6691067	0.5719838	1.74819	0.0449	0.722537	1.38437	0.2758	0.7238	-1.38167	0.2758	0.7238	-1.38167	0.2758	0.60482	-1.65308	0.6343047	1.19857	1.19857	0.3134	0.7386	-1.35414	0.2758	0.8347758	1.19857	0.3134	0.7386	-1.35414	1.93581	0.9590013	0.5155004	0.2484113	1
cg21043426	GAUM	0.182486	?	?	?	0.010089	0.0916314	-10.9133	0.980114	1.01852	1.01852	0.580203	1.50875	1.50875	0.925708	1.07107	1.07107	0.170664	0.341602	-2.92738	0.19527	0.364775	-2.74141	0.92127	1.07549	1.07549	0.571422	0.656355	-1.52357	1.9478	14.8619	7.63012	1
cg06892548	TTBK1	0.182486	0.293012	2.0408	2.0408	0.6446468	3.88961	3.88961	0.0520737	4.2421	4.2421	0.482037	1.59563	1.59563	0.308902	0.502259	-1.991	0.45425	0.607455	-1.64621	0.290489	2.04902	2.04902	0.12035	3.00946	3.00946	0.170521	2.59719	2.59719	1.93575	13.1098	6.01991	1
cg09237302	GAK	0.182487	0.26589	0.59564	-1.67914	0.0178	0.180418	1.80418	0.2115511	0.482487	-2.07221	0.118302	0.2481	1.2481	0.0178	0.1234	-8.10067	0.2878888	1.5832	1.5832	0.0117167	0.0813	-4.03492	0.0155083	1.32968	1.32968	0.132724	1.84316	1.84316	1.93575	0.8802	5.020077	1
cg22420044	MCM7;MCM7;MIR25	0.182487	0.278554	1.48556	1.48556	0.407235	1.34691	1.34691	0.0589492	2.11536	2.11536	0.0909408	1.9235	1.9235	0.423643	1.33252	1.33252	0.551487	1.23572	1.23572	0.866337	0.94254	-1.06096	0.129194	1.7788	1.7788	0.0158428	2.82401	2.82401	1.93575	3.78327	1.73727	1
cg15957797	TFPI;TFPI	0.182488	0.833066	0.955122	-1.04695	0.154551	1.39306	1.39306	0.954473	0.988195	-1.01194	0.918386	0.977949	-1.02255	0.175061	0.780604	-1.28065	0.181516	1.94144	1.94144	0.0134196	0.572315	-1.74725	0.0648478	1.84983	-1.1767	-1.10186	1.47749	1.47749	1.93553	1.4508	0.6662277	1
cg12461364	UPF2;UPF2;UPF2	0.182493	0.245998	0.817499	-1.22324	0.34804	0.851752	-1.17405	0.4626163	0.883219	-1.13222	0.0316788	0.658149	-1.51941	0.223627	0.808688	-1.23657	0.559926	0.906738	-1.10285	0.197665	1.25376	1.25376	0.247642	0.818123	-1.22231	0.186058	1.26218	1.26218	1.93552	0.845607	0.388306	1
cg07001630	TMEM214;TMEM214	0.182495	0.0463184	0.552434	-1.81017	0.8532	1.04934	1.04934	0.847396	0.951145	-1.05136	0.252605	0.732952	-1.36435	0.135216	0.657942	-1.51989	0.5810224	0.604745	-1.65359	0.367611	1.27202	1.27202	0.218265	1.40029	1.40029	0.32393	0.767316	-1.30324	1.9357	2.07213	0.955139	1
cg19572707	TFPI;TFPI	0.182498	0.7450351	0.9503	-1.05208	0.122625	2.46525	-1.86058	0.0270865	0.886138	-1.25975	0.431958	0.646614	-1.54707	0.0584932	0.322062	-3.10634	0.6572782	0.93265	-1.07222	0.5974551	0.4136182	-2.41796	0.1734191	0.914354	-1.09351	0.7277076	1.19061	1.19061	1.93552	0.6074733	1.359684	0.2525713	1
cg03020354	TSPAN5 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.182503	0.529611	0.738957	-1.35326	0.271174	0.580307	-1.72323	0.984378	1.00934	1.00934	0.943121	1.03448	1.03448	0.222398	1.83888	1.83888	0.221701	1.84074	1.84074	0.012486	4.3775	4.3775	0.426154	1.47322	1.47322	0.262556	1.74181	1.74181	1.93566	6.9183	3.17701	1
cg05532093	C1	0.182504	0.118034	0.453381	-2.20565	0.716208	0.843534	-1.18549	0.976166	0.986173	-1.01402	0.554679	0.756916	-1.32115	0.0232341	0.282415	-3.54089	0.0526344	0.358142	-2.79219	0.0949542	0.425191	-2.35189	0.108753	0.442518	-2.25979	0.35431	0.64138	-1.55914	1.93565	6.65907	3.05797	1
cg25113008	HIP18;RAP18	0.182505	0.337236	1.37852	1.37852	0.171223	1.59273	1.59273	0.806814	1.08274	1.08274	0.316699	0.714727	-1.39914	0.0947969	0.483834	-2.06682	0.361403	0.737558	-1.35583	0.125941	0.584348	-1.71131	0.914934	1.03676	1.03676	0.100057	0.557287	-1.79441	1.93565	3.22736	1.48207	1
cg21250433	A_C1ECT4	0.182513	0.577002	0.803957	-1.24385	0.648887	1.19425	1.19425	0.744362	1.13509	1.13509	0.52881	0.781064	-1.2803	0.0172469	0.325139	-3.07561	0.0912526	0.486614	-2.05502	0.0810573	0.472813	-2.115	0.906896	0.955703	-1.04635	0.155858	0.555448	-1.80035	1.93561	4.59725	2.11119	1
cg22818383	ERGIC3;ERGIC3	0.182516	0.2180562	0.609052	-1.64202	0.1133197	1.34141	1.34141	0.0460876	2.40017	2.40017	0.77805	0.954544	-1.04803	0.0857015	0.320861	-3.11883	0.529296	1.08504	1.08504	0.0387182	0.5232	-1.91156	0.0970227	0.734931	-1.36067	0.0643401	0.59226	1.09256	0.551805	1.10725	1.10725	1.93556	0.8789709	0.4012025	1
cg21633105	RYR3	0.182515	0.10169	0.325148	-3.07552	0.196631	0.424853	-2.35376	0.0346566	0.213471	-4.68448	0.347153	0.545266	-1.83397	0.0243866	0.186007	-5.37613	0.229668	0.453706	-2.20407	0.112897	0.338932	-2.95045	0.443448	0.612666	-1.63221	0.213502	0.439832	-2.27359	1.9356	12.0525	5.53489	1
cg21126338	FAIM3	0.182517	0.981199	1.00879	1.00879	0.00953197	3.385282	3.385282	0.0347226	2.40484	2.40484	0.816494	0.88995	1.08995	0.0187514	0.967316	-1.03377	0.629568	1.35124	1.35124	0.879564	1.05789	1.05789	0.565304	1.24093	1.24093	0.687371	1.05917	1.05917	1.93559	4.21261	1.9447	1
cg22713893	SNRPD1;SNRPD1	0.182521	0.9852401	1.017792	1.2228	0.1444283	0.5059995	-1.97631	0.2464	0.9855	1.30975	0.309375	0.9721112	1.432869	0.105191	1.49182	1.49182	0.623205	1.11839	1.11839	0.663257	1.01814	1.01814	0.901907	1.02825	1.02825	0.926085	0.979253	1.020119	1.93557	1.5649	0.7186666	1
cg16228286	SNRPD2;SNRPD2;SNRPD2	0.182521	0.181682	0.382012	-2.61772	0.702677	0.77081	-1.29734	0.0521975	0.47769	4.4769	0.105272	0.3008	-3.32446	0.144656	0.345281	-2.89619	0.130668	0.330256	-3.02796	0.670331	1.3373	1.3373	0.40984	0.56434	-1.77198	0.832113	0.865808	-1.15499	1.93556	14.123	6.48583	1
cg24106622	SALL2	0.182525	0.653006	1.0401	1.0401	0.0827437	1.32373	1.32373	0.31763	1.26694	1.26694	0.752455	0.883546	-1.13178	0.0403431	0.2481	-4.03031	0.6431753	1.27646	1.27646	0.1957	1.42044	1.42044	0.40111	0.714686	1.3957	1.3957	0.0249398	1.69584	1.69584	0.648875	1.37047	1.37047	1.93556	6.69535	3.16255	1
cg01603455	ZYX;ZYX	0.182525	0.542267	0.894577	-1.11785	0.870341	1.02994	1.02994	0.763875	0.947045	-1.05592	0.753423	0.944677	-1.05856	0.110206	0.730228	-1.36943	0.453897	1.15513	1.15513	0.0104131	1.79063	1.79063	0.903862	0.978414	-1.02206	0.68354	1.07683	1.07683	1.93554	0.9998838	0.459171	1
cg19597797	TFPI;TFPI	0.182528	0.833066	0.955122	-1.04695	0.154551	1.39306	1.39306	0.954473	0.988195	-1.01194	0.918386	0.977949	-1.02255	0.175061	0.780604	-1.28065	0.181516	1.94144	1.94144	0.0134196	0.572315	-1.74725	0.0648478	1.84983	-1.1767	-1.10186	1.47749	1.47749	1.93553	1.4508	0.6662277	1
cg12461364	UPF2;UPF2;UPF2	0.182493	0.245998	0.817499	-1.22324	0.34804	0.851752	-1.17405	0.4626163	0.883219	-1.13222	0.0316788	0.658149	-1.51941	0.223627	0.808688	-1.23657	0.559926	0.906738	-1.10285	0.197665	1.25376	1.25376	0.247642	0.818123	-1.22231	0.186058	1.26218	1.26218	1.93552	0.845607	0.388306	1
cg07001630	TMEM214;TMEM214	0.182495	0.0463184	0.552434	-1.81017	0.8532	1.04934	1.04934	0.847396	0.951145	-1.05136	0.252605	0.732952	-1.36435	0.135216	0.657942	-1.51989	0.5810224	0.604745	-1.65359	0.367611	1.27202	1.27202	0.218265	1.40029	1.40029	0.32393	0.767316	-1.30324	1.9357	2.07213	0.955139	1
cg19572707	TFPI;TFPI	0.182498	0.7450351	0.9503	-1.05208	0.122625	2.46525	-1.86058	0.0270865	0.886138	-1.25975	0.431958	0.646614	-1.54707	0.0584932	0.322062	-3.10634	0.6572782	0.93265	-1.07222	0.5974551	0.4136182	-2.41796	0.1734191	0.914354	-1.09351	0.7277076	1.19061	1.19061	1.93552	0.6074733	1.359684	0.2525713	1
cg03020354	TSPAN5 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.182503	0.529611	0.738957	-1.35326	0.271174	0.580307	-1.72323	0.984378	1.00934	1.00934	0.943121	1.03448	1.03448	0.222398	1.83888	1.83888	0.221701	1.84074	1.84074	0.012486	4.3775	4.3775	0.426154	1.47322	1.47322	0.262556	1.74181	1.74181	1.93566	6.9183	3.17701	1
cg05532093	C1	0.182504	0.118034	0.453381	-2.20565	0.716208	0.843534	-1.18549	0.976166	0.986173	-1.01402	0.554679	0.756916	-1.32115	0.0232341	0.282415	-3.54089	0.0526344	0.358142	-2.79219	0.0949542	0.425191	-2.35189	0.108753	0.442518	-2.25979	0.35431	0.64138	-1.55914	1.93565	6.65907	3.05797	1
cg25113008	HIP18;RAP18	0.182505	0.337236	1.37852	1.37852	0.171223	1.59273	1.59273	0.806814	1.08274	1.08274	0.316699	0.714727	-1.39914	0.0947969	0.483834	-2.06682	0.361403	0.737558	-1.35583	0.125941	0.584348	-1.71131	0.914934	1.03676	1.03676	0.100057	0.557287	-1.79441	1.93565	3.22736	1.48207	1
cg21250433	A_C1ECT4	0.182513	0.577002	0.803957	-1.24385	0.648887	1.19425	1.19425	0.744362	1.13509	1.13509	0.52881	0.781064	-1.2803	0.0172469	0.325139	-3.07561	0.0912526	0.486614	-2.05502	0.0810573	0.472813	-2.115	0.906896	0.955703	-1.04635	0.155858	0.555448	-1.80035	1.93561	4.59725	2.11119	1
cg22818383	ERGIC3;ERGIC3	0.182516	0.2180562	0.609052	-1.64202	0.1133197	1.34141	1.34141	0.0460876	2.40017	2.40017	0.77805	0.954544	-1.04803	0.0857015	0.320861	-3.11883	0.529296	1.08504	1.08504	0.0387182	0.5232	-1.91156	0.0970227	0.734931	-1.36067	0.0643401	0.59226	1.09256	0.551805	1.10725	1.10725	1.93556	0.8789709	0.4012025	1
cg26331015	RYR3	0.182515	0.10169	0.325148	-3.07552	0.196631	0.424853	-2.35376	0.0346566	0.213471	-4.68448	0.347153	0.545266	-1.83397	0.0243866	0.186007	-5.37613	0.229668	0.453706	-2.20407	0.112897	0.338932	-2.95045	0.443448	0.612666	-1.63221	0.213502	0.439832	-2.27359	1.9356	12.0525	5.53489	1
cg21126338	FAIM3	0.182517	0.981199	1.00879	1.00879	0.00953197	3.385282	3.385282	0.0347226	2.40484	2.40484	0.816494	0.88995	1.08995	0.0187514	0.967316	-1.03377	0.629568	1.35124	1.35124	0.879564	1.05789	1.05789	0.565304	1.24093	1.24093	0.687371	1.05917	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	p-value(1057 vs. 047 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1-vs-1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1-vs-1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	
cg25005612	NFKB2;NFKB2;NFKB2	0.182698	0.178707	0.722491	-1.3841	1.00777121	0.459472	-2.17641	0.668092	0.906523	-1.02312	0.701504	0.916677	-1.02098	0.288155	0.739393	-1.35246	0.553429	0.872496	-1.14614	0.990162	1.90281	1.00281	1.00281	0.544771	1.14965	1.14965	0.534327	1.15395	1.15395	1.93461	1.5861	0.728756	1
cg24872237	TMCO6	0.1827	0.479824	0.874599	-1.14338	0.878824	1.02887	1.02887	0.169163	1.31422	1.31422	0.242274	0.795895	-1.25645	0.522621	0.886151	-1.12848	0.530138	1.12596	1.12596	0.040746	1.5537	1.5537	0.0691705	0.684348	-1.46125	0.995249	1.00111	1.00111	1.93461	1.06617	0.489871	1
cg19968421	SYNGAP1	0.1827	0.8050088	0.874528	-1.14347	0.1135576	2.54372	2.54372	0.0322943	3.69366	3.69366	?	?	?	0.676557	1.25543	1.25543	0.8128111	1.13728	1.13728	0.458852	1.50517	1.50517	0.209387	0.487999	-2.04919	0.0955197	2.69335	2.69335	1.94662	8.05821	4.1396	1
cg02314896	SULT2B1	0.1827	0.0819834	0.425923	-2.34784	0.8606648	0.924457	-1.08146	0.608585	0.794381	-1.25884	0.494521	0.734059	-1.36229	0.0326102	0.328089	-3.04795	0.241493	0.579025	-1.7258	0.0537095	0.3767	-2.65463	0.0407775	0.340949	-2.86493	0.6173777	0.79804	-1.25166	1.93459	0.6858	2.79626	1
cg25832370	UBE2G1	0.182703	0.491929	0.742367	-1.34704	0.0613562	0.406706	-2.45878	0.608841	0.80229	-1.24643	0.156433	0.523609	-1.90982	0.73985	1.15284	1.15284	0.582034	0.788785	-1.26777	0.507292	0.750424	-1.33258	0.00865144	0.239649	-4.17277	0.588455	0.792029	-1.26258	1.93459	0.58134	2.56447	1
cg26599630	AIAP1;AIAP1	0.182704	0.360647	0.570869	-1.75171	0.2019999	2.23364	2.23364	0.34579	1.78461	1.78461	0.651142	1.31198	1.31198	0.150648	1.39895	1.39895	0.108872	2.85789	2.85789	0.0560511	3.63626	3.63626	0.18736	2.30151	2.30151	0.2732325	1.97429	1.97429	1.93458	10.9020	5.0096	1
cg02941085	PTPRN2;PTPRN;2-PTPRN2	0.182706	0.365541	1.44965	1.44965	0.5516515	1.27196	1.27196	0.329184	0.668842	-1.49512	0.428763	1.38077	1.38077	0.0421442	2.54738	2.54738	0.617215	0.817704	-1.22294	0.1243163	1.94363	1.94363	0.141479	1.88039	1.88039	0.0503504	2.43743	2.43743	1.93457	4.88749	2.24568	1
cg27589796	CLPTM1L	0.182707	0.237292	0.81893	-1.22117	0.1577168	0.901656	-1.10907	0.919455	0.850394	-1.17608	0.453785	1.12783	1.12783	0.940445	1.10185	1.10185	0.580859	0.915839	-1.09189	0.3120153	1.63863	1.63863	0.951382	1.05138	1.05138	0.3880379	0.867704	-1.15247	1.93457	0.7613375	0.349834	1
cg14739055	RBBP7	0.182709	0.167228	0.528312	-1.89282	0.932037	0.96371	-1.03766	0.879015	0.95824	-1.0686	0.722533	0.828176	1.20781	0.0178277	1.94109	1.94109	0.823392	1.10135	1.10135	0.34382	1.52593	1.52593	0.189304	0.547416	-1.82676	0.0752223	2.3596	2.3596	1.93456	5.79249	2.64398	1
cg12875892	LYST	0.18271	0.081362	0.778275	-1.28489	0.0186065	1.44802	1.44802	0.752783	1.04185	1.04185	0.990308	1.00158	1.00158	0.564152	1.07858	1.07858	0.810753	0.969353	-1.03162	0.166895	0.826796	-1.20949	0.640539	1.06292	1.06292	0.935925	1.01049	1.01049	1.93455	0.5158839	0.237018	1
cg04189697	IKBKG;IKBKG;IKBKG	0.182714	0.1603814	0.719599	-1.38966	0.3135833	1.52212	-1.76492	0.489327	0.58676	-1.70612	0.156742	0.3910974	-2.55722	0.0659703	0.4493272	-2.22533	0.2259275	0.838092	-1.19302	0.3095238	1.4077	1.4077	0.223719	0.2813353	3.554425	1.94653	17.7263	8.14499	1
cg18371410	LOC285830;LOC285830	0.182717	0.812598	0.9489	-1.05385	0.282827	0.781563	-1.27949	0.169977	0.724114	-1.381	0.58476	1.1396	1.10183	0.14869	1.48669	1.48669	0.403569	0.827977	-1.20776	0.0953246	1.49888	1.49888	0.142866	0.304215	1.26491	1.26491	1.93451	1.4944	0.686663	1
cg19285540	EPS15L1	0.18722	0.80434	1.39656	1.07656	0.331661	1.36495	1.36495	0.0678649	1.83645	1.83645	0.542777	1.20091	1.20091	0.0512813	0.5170556	-1.93402	0.2690435	0.799314	1.25013	0.364181	1.92385	1.92385	0.31195	1.47814	1.47814	0.3508313	0.75172	-1.33028	1.9345	2.70929	1.24352	1
cg26858891	CXCL3	0.182727	0.0454976	0.302006	-3.31119	0.279753	0.523561	-1.91	0.119446	0.413947	-2.41577	0.390788	0.631903	-1.58252	0.352428	0.60683	-1.64791	0.753968	0.848639	-1.17836	0.0174019	0.22058	-4.5335	0.502832	0.701195	-1.42614	0.0858862	0.371282	-2.69337	1.93446	8.34852	3.83617	1
cg24250393	PRKCB;PRKCB	0.18273	0.943198	0.977313	-1.02321	0.733895	0.895934	-1.11615	0.8993031	1.04161	0.1604	0.871778	0.949311	-1.0534	0.463588	0.786425	-1.27158	0.97137	0.988509	-1.01162	0.808439	0.924755	-1.08136	0.00459046	3.3707	3.3707	0.796936	1.08659	1.08659	1.93444	3.17749	1.46008	1
cg25263975	CLCNC;CLCNC;MTHFR;CLCNC;CLCN6	0.182733	0.126179	0.61505	-1.63026	0.1573514	1.0683	1.0683	0.167558	1.27156	1.27156	0.0156505	0.662686	-1.50903	0.226662	1.23037	1.23037	0.632464	0.924408	-1.08175	0.5404952	0.987881	-1.01227	0.750451	1.05349	1.05349	0.26373	1.20957	1.20957	1.93443	0.8571566	0.37549	1
cg15454598	C10orf57	0.182733	0.108574	0.335191	-2.98337	0.1331447	0.361702	-2.7647	0.0803683	0.297817	-3.35776	0.679101	1.29665	1.29665	0.264214	0.483477	-2.06835	0.432328	1.64943	1.64943	0.469884	1.58269	1.58269	0.777951	0.838158	-1.19309	0.0455647	0.238881	-4.18619	1.93443	1.9948	5.49025	1
cg26557648	IL1R1	0.182735	0.594108	0.687108	-1.45538	0.807461	0.843371	-1.18572	0.224924	0.405947	-2.4334	0.0894854	0.27083	-3.69235	0.0184606	0.136146	-7.34504	0.199325	0.388238	-2.57574	0.211926	0.4056823	-2.46574	0.0925635	0.261457	-3.82471	0.0855873	0.265601	-3.76505	1.93441	14.913	6.85272	1
cg03188221	STOX2	0.182736	0.668537	0.794764	-1.19508	0.7116306	1.66008	1.66008	0.1960698	1.3901158	1.49356	0.6258444	1.25246	1.25246	0.202155	0.579104	-1.7268	0.325193	0.65682	-1.52249	0.0135991	0.2946588	-3.39342	0.911882	-1.05663	0.16114	1.8575	1.8575	1.93441	5.24486	2.41089	1
cg14349867	CASKIN2;TSEN54	0.18274	0.830401	0.957909	-1.04394	0.1784	0.750773	-1.33196	0.241743	0.78219	-1.27846	0.0285744	1.67848	1.67848	0.367589	0.830645	-1.20388	0.501175	0.872079	-1.14669	0.50118	1.14593	1.14593	0.133534	1.38326	1.38326	0.781668	1.05728	1.05728	1.93439	1.2314	0.565851	1
cg07703462	SSPO	0.182741	0.1802502	0.81561	-1.22653	0.590674	0.807207	-1.24047	0.585071	0.732093	1.21091	0.228007	0.4890777	2.04479	0.0559292	0.5939661	-1.68322	0.918507	0.871118	-1.14795	0.667329	0.5580323	1.79204	0.110808	9.85509	0.100027	11.3556	1.93439	56.6869	25.5882	1
cg04601090	PLEKHG5;PLEKHG5	0.182744	0.0655736	0.384277	-2.60229	0.210669	0.543149	-1.84111	0.177003	0.514734	-1.94275	0.629044	0.798298	-1.25267	0.0555675	0.3666002	-2.72776	0.311494	0.615955	-1.62349	0.201797	0.535914	-1.86597	0.0178811	0.263934	-3.78883	0.641263	0.804798	-1.24255	1.93437	0.56162	3.01523	1
cg13074686	GAK	0.182745	0.208782	0.5122	1.95238	0.4226521	1.13293	1.13293	0.0127455	1.32208	1.32208	0.766655	0.930707	-1.07455	0.0127455	1.32208	1.32208	0.028797	1.68085	1.68085	0.0127455	1.94651	1.94651	0.188199	0.954837	-1.03644	0.84296	0.953326	1.04885	1.93436	1.2954	0.817548	1
cg20600205	TGM1	0.182749	0.165883	0.766926	-1.30391	0.13114	1.34006	1.34006	0.60596	0.910784	-1.09796	0.773576	1.05317	1.05317	0.918675	0.981826	-1.01851	0.343524	0.839255	-1.19153	0.0169497	1.68709	1.68709	0.874849	1.02871	1.02871	0.6737126	0.926766	-1.07902	1.93434	0.9880051	0.454039	1
cg13285004	TRIM29	0.182749	0.869543	0.97069	-1.03019	0.3668809	1.18268	1.18268	0.76037	1.05692	1.05692	0.542182	0.894347	-1.11813	0.715357	0.935867	-1.06853	0.032135	1.57497	1.57497	0.024152	1.62623	1.62623	0.988841	0.997472	-1.00253	0.1603444	1.13185	1.13185	1.93434	1.0034	0.461093	1
cg07717588	SH3BP4	0.18275	0.1643287	0.7882	-1.26875	0.1332606	0.873554	1.16642	0.0116222	1.38571	1.72351	0.0116222	1.38571	1.72351	0.0116222	1.38571	1.72351	0.0116222	1.38571	1.72351	0.0116222	1.38571	1.72351	0.0116222	1.38571	1.72351	0.0116222	1.38571	1.72351	1.93434	8.49375	3.88752	1
cg18047509	CEP70	0.18275	0.0771017	0.699741	-1.4291	0.7341434	0.939954	-1.06388	0.751769	1.05934	1.05934	0.9993681	0.720275	-1.38836	0.382736	0.849931	-1.17657	0.61012	0.910816	-1.09792	0.321684	0.8302296	-1.20439	0.107024	0.72644	-1.37658	0.0691257	1.4469	1.4469	1.93433	1.01087	0.464527	1
cg25462819	CDON	0.182753	0.9354035	0.91803	-1.08923	0.1419434	0.94525	1.94025	0.0838728	1.53698	1.53698	0.4105577	0.883238	-1.20137	0.73423	1.07804	1.07804	0.673417	1.08864	1.08864	0.3353492	1.80457	1.80457	1.24463	0.0208455	2.24463	2.24463	0.0018186	2.10885	2.10885	1.93429	1.48919	0.684346	1
cg25625872	GMEB2	0.182762	0.0419378	0.238643	-4.46699	0.971164	0.977185	-1.02335	0.949461	0.960138	-1.0413	0.189422	2.491	2.4291	0.0232193	0.176872	5.65379	0.962007	0.970044	-1.03088	0.274794	0.4884104	-2.06567	0.918638	0.06741	1.06741	0.815386	0.861288	1.16105	1.93427	12.4876	5.73867	1
cg05197039	SOCCAR;CEP170;CEP170;CEP170	0.182763	0.0152263	0.680363	-1.4698	0.713478	1.04881	1.04881	0.737987	1.04433	1.04433	0.747977	1.04253	1.04253	0.721615	0.954828	-1.04731	0.0353625	0.728621	-1.37245	0.981069	1.00307	1.00307	0.452622	0.905866	-1.10392	0.296091	0.869368	-1.15026	0.914426	0.511447	0.235036	1
cg24316847	TTC7B	0.182765	0.8232037	1.11934	1.11934	0.8107153	1.31444	1.31444	0.0476468	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	1.93426	1.16201	1.16201	0.477793	1
cg00209520	CNG3;CNG3	0.18277	0.329761	0.689672	-1.44997	0.413334	0.36199	-1.36199	0.0630255	0.461848	-2.16521	0.640662	1.18965	1.18965	0.269835	1.52877	1.52877	0.384007	1.39061	1.39061	0.0337319	0.400108	-2.49932	0.755998	1.12204	1.12204	0.677611	1.167	1.167	1.93423	1.18044	1.92115	1
cg26488861	LHX4	0.182773	0.9609466	1.02115	1.02115	0.532906	1.18114	1.18114	0.268135	1.37681	-1.35731	0.557487	1.16922	1.16922	0.107564	1.66	1.66	0.678629	-1.47256	0.678629	-1.47256	0.9604446	1.01313	1.01313	0.0207012	2.12736	2.12736	0.935819	1.02441	1.02441	1.93423	1.6597516	1.62388	0.834641	1
cg24229903	ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFA	0.182782	0.345775	0.845615	-1.17282	0.89622	0.978088	-1.0224	0.454384	0.878401	-1.13848	0.551978	0.912276	-1.09616	0.0568379	1.44178	1.44178	0.533551	1.11	1.113	0.554799	0.690295	-1.44868	0.0795551	0.701484	-1.42608	0.0795551	0.701484	-1.42608	1.08602	1.08602	1.93422	0.8803662	0.40582	1
cg26836544	PXDN	0.182785	0.0250242	0.742042	-1.34742	0.376026	0.768202	-1.30174	0.543714	0.377995	2.64582	0.892705	0.919655	1.09145	0.59031	1.69402	1.69402	0.213144	0.686004	-1.45772	0.702681	1.11655	1.11655	0.7764	0.921409	-1.08529	0.411461	0.785519	-1.27304	1.93422	2.23154	1.16326	1
cg01128503	ARHGEF10	0.182772	7	?	?	0.372852	1.2559	1.2559	0.494374	1.18867	1.18867	0.130828	1.5013	1.5013	0.028079	0.524087	-1.90808	0.956796	1.01358	1.01358	0.593049	1.1438	1.1438	0.317462	1.29353	1.29353	0.195702	1.40608	1.40608	1.94622	1.69959	0.873276	1
cg28446786	MAST3	0.182775	0.4895949	0.970035	-1.03088	0.6863586	1.38358	1.38358	0.0626289	1.27175	1.27175	0.0242255	0.785531	1.8008	0.56781	1.28454	1.28454	0.115004	1.14523	1.14523	0.4542	1.88578	1.88578	0.0415	1.10249	1.10249	0.667882	1.09911	1.09911	1.85834	1.0415	0.54487	1
cg13689411	BICC1	0.182777	0.709733	0.885156	-1.12974	0.196737	0.640622	-1.56098	0.136564	0.592557	-1.6876	0.883493	1.049	1.049	0.224333	0.659374	-1.51659	0.523292	0.809725	-1.23499	0.639069	1.16615	1.16615	0.630123	1.17153	1.17153	0.00974966	1.34407	2.90522	1.93419	1.2611	1.49869	1
cg16592391	UBLCP1	0.182778	0.847976	1.02741	1.02741	0.224597	1.19693	1.19693	0.685635	0.944268	-1.05902	0.666234	1.06306	1.06306	0.105323	1.28321	1.28321	0.30018	1.16314	1.16314	0.0998811	1.39759	1.39759	0.072852	0.754296	-1.32574	0.579743	1.08201	1.08201	1.93419	0.6083405	0.279557	1
cg20125614	C12orf39	0.182779	0.9566262	1.01199	1.01199	0.8306386	1.34358	1.34358	0.0626289	1.27175	1.27175	0.0242255	0.785531	1.8008	0.56781	1.28454	1.28454	0.115004	1.14523	1.14523	0.4542	1.88578	1.88578	0.0415	1.10249	1.10249	0.667882	1.09911	1.09911	1.85834	1.0415	0.54487	1
cg10831160	IQSEC1	0.182779	0.815806	0.923368	-1.08299	0.35861	1.38062	1.38062	0.133666	0.577264	-1.73231	0.812451	0.921999	-1.0846	0.0145148	0.357518	-2.79706	0.302505	0.694235	-1.44043	0.718593	1.13161	1.13161	0.0986295	0.538596	-1.85668	0.979826	0.991398	-1.00868	1.93418	3.57615	1.64349	1
cg11.9569608	CKAP5;CKAP5	0.18278	0.2932807	0.793214	-1.26078	0.2409221	1.13293	1.13293	0.0127455	1.32208	1.32208	0.766655	0.930707	-1.07455	0.0127455	1.32208	1.32208	0.028797	1.68085	1.68085	0.0127455	1.94651	1.94651	0.188199	0.954837	-1.03644	0.84296	0.953326	1.04885	1.93416	1.2954	0.817548	1
cg00745555	VENTX	0.182781	0.468226	2.30469	2.30469	0.541185	2.0122	2.0122	?	?	?	?	0.0328282	17.9542	17.9542	0.991394	0.987905	-1.01224	0.0992992	7.9087	7.9087	0.169886	0.189052	-5.28956	?	?	0.502944	2.15712	2.15712	2.04605	31.411	15.352	1
cg01070272	SPESL1	0.182782	0.5151625	1.47656	1.47656	0.1189073	0.424525	1.94025	0.0838728	1.53698	1.53698	0.4105577	0.883238	-1.20137	0.73423	1.07804	1.07804	0.673417	1.08864	1.08864	0.3353492	1.80457	1.80457	1.24463	0.0208455	2.24463	2.24463	0.0018186	2.10885	2.10885	1.93429	1.48919	0.684346	1
cg25625872	GMEB2	0.182784	0.0419378	0.238643	-4.46699	0.971164	0.977185	-1.02335	0.949461	0.960138	-1.0413	0.189422	2.491	2.4291	0.0232193	0.176872	5.65379	0.962007	0.970044	-1.03088	0.274794	0.4884104	-2.06567	0.918638	0.06741	1.06741	0.815386	0.861288	1.16105	1.93427	12.4876	5.73867	1
cg26535779	TTC7B	0.182785	0.8232037	1.11934	1.11934	0.8107153	1.31444	1.31444	0.0476468	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	0.0476776	1.93685	1.93685	1.93426	1.16201	1.16201	0.477793	1
cg00209520	CNG3;CNG3	0.18277	0.329761	0.689672	-1.44997	0.413334	0.36199	-1.36199	0.0630255	0.461848	-2.16521	0.640662	1.18965	1.18965	0.269835	1.52877	1.52877	0.384007	1.39061	1.39061	0.0337319	0.400108	-2.49932	0.755998	1.12204	1.12204	0.677611	1.167	1.167	1.93423	1.18044	1.92115	1
cg26488861	LHX4	0.182773	0.9609466	1.02115	1.02115	0.532906	1.18114	1.18114	0.268135	1.37681	-1.35731	0.557487	1.16922	1.16922	0.107564	1.66	1.66	0.678629	-1.47256	0.678629	-1.47256	0.9604446	1.01313	1.01313	0.0207012	2.12736	2.12736	0.935819	1.02441	1.02441	1.93423	1.6597516	1.62388	0.834641	1
cg24229903	ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFA	0.182782	0.345775	0.845615	-1.17282	0.89622	0.978088	-1.0224	0.454384	0.878401	-1.13848	0.551978	0.912276	-1.09616	0.0568379	1.44178	1.44178	0.533551	1.11	1.113	0.554799	0.690295	-1.44868	0.0795551	0.701484	-1.42608	0.0795551	0.701484	-1.42608	1.08602	1.08602	1.93422	0.8803662	0.40582	1
cg26836544	PXDN	0.182785	0.0250242	0.742042	-1.34742	0.376026	0.768202	-1.30174	0.543714	0.377995	2.64582	0.892705	0.919655	1.09145	0.59031	1.69402	1.69402	0.213144	0.686004	-1.45772	0.702681	1.11655	1.11655	0.7764	0.921409	-1.08529	0.411461	0.785519	-1.27304	1.93422	2.23154	1.16326	1
cg01128503	ARHGEF10	0.182772	7	?	?	0.372852	1.2559	1.2559	0.494374	1.18867	1.18867	0.130828	1.5013	1.5013	0.028079	0.524087	-1.90808	0.956796	1.01358	1.01358	0.593049	1.1438	1.1438	0.317462	1.29353	1.29353	0.195702	1.40608	1.40608	1.94622	1.69959	0.873276	1
cg28446786	MAST3	0.182775	0.4895949	0.970035	-1.03088	0.6863586	1.38358	1.38358	0.0626289	1.27175	1.27175	0.0242255	0.785531	1.8008	0.56781	1.28454	1.28454	0.115004	1.14523	1.14523	0.4542	1.88578	1.88578	0.0415	1.10249	1.10249	0.667882	1.09911	1.09911	1.85834	1.0415	0.54487	1
cg13689411	BICC1	0.182777	0.709733	0.885156	-1.12974	0.196737	0.640622	-1.56098	0.136564	0.592557	-1.6876	0.883493	1.049	1.049	0.224333	0.659374	-1.51659	0.523292	0.809725	-1.23499	0.639069	1.16615	1.16615	0.630123	1.17153	1.17153	0.00974966	1.34407	2.90522	1.93419	1.2611	1.49869	1
cg16592391	UBLCP1	0.182778	0.847976	1.02741	1.02741	0.224597	1.19693	1.19693	0.685635	0.944268	-1.05902	0.666234	1.06306	1.06306	0.105323	1.28321	1.28321	0.30018	1.16314	1.16314	0.0998811	1.39759	1.39759	0.072852	0.754296	-1.32574	0.579743	1.08201	1.08201	1.93419	0.6083405	0.279557	1
cg20125614	C12orf39	0.182779	0.9566262	1.01199	1.01199	0.8306386	1.34358	1.34358	0.0626289	1.27175	1.27175	0.0242255	0.785531	1.8008	0.56781	1.28454	1.28454	0.115004	1.14523	1.14523	0.4542	1.88578	1.88578	0.0415	1.10249	1.10249	0.667882	1.09911	1.09911	1.85834	1.0415	0.54487	1
cg10831160	IQSEC1	0.182779	0.815806	0.923368	-1.08299	0.35861	1.38062	1.38062	0.133666	0.577264	-1.73231	0.812451	0.921999	-1.0846	0.0145148	0.357518	-2.79706	0.302505	0.694235	-1.44043	0.718593	1.13161	1.13161	0.0986295	0.538596	-1.85668	0.979826	0.991398	-1.00868	1.93418	3.57615	1.64349	1
cg11.9569608	CKAP5;CKAP5	0.18278	0.2932807	0.793214	-1.26078	0.2409221	1.13293	1.13293	0.0127455	1.32208	1.32208	0.766655	0.930707	-1.07455	0.0127455	1.32208	1.32208	0.028797	1.68085	1.68085	0.0127455	1.94651	1.94651	0.188199	0.954837	-1.03644	0.84296	0.953326	1.04885	1.93416	1.2954	0.817548	1
cg00745555	VENTX	0.182781	0.468226	2.30469	2.30469	0.541185	2.0122	2.0122	?	?	?	?	0.0328282	17.9542	17.9542	0.991394	0.987905	-1.01224	0.0992992	7.9087	7.9087	0.169886	0.189052	-5.28956	?	?	0.502944	2.15712	2.15712	2.04605	31.411	15.352	1
cg01070272	SPESL1	0.182782	0.5151625	1.47656	1.47656	0.1189073	0.424525	1.94025	0.0838728	1.53698	1.53698	0.4105577	0.883238	-1.20137	0.73423	1.07804	1.07804	0.673417	1.08864	1.08864	0.3353492	1.80457	1.80457	1.24463	0.0208455	2.24463	2.24463	0.0018186	2.10885	2.10885	1.93429	1.48919	0.684346	1
cg27282185	TEKT4	0.182788	0.172413	0.637188	-1.56236	0.0591633	0.50984	-1.9614	0.492643	1.24648	2.48616	0.0111	0.848547	1.17849	0.0496859	0.4926556	2.02981	0.165586	0.626513	-1.59614	0.0138266	0.2078	-4.81241	0.0208315	2.92184	2.92184	0.0680648	3.9187	2.19761	1.93414	5.4343	2.09026	1
cg05522774	OLIG1;OLIG1	0.182794	0.158764	0.652627	-1.53227	0.554044	1.1848	1.1848	0.493284	0.821097	-1.21788	0.695635	0.894592	-1.11783	0.643377	1.14121	1.14121	0.733842	1.10152	1.10152	0.0809369	0.487829	-2.0499	0.0265652	0.474844	-2.10595	0.968956	1.01109	1.01109	1.9341	2.45863	1.12996	1
cg21446692	MTRF1	0.182797	0.4156621	0.724666	-1.37979	0.674837	-1.48184	0.698279	1.11279	1.11279	0.73627	1.09717	1.09717	0.275909	0.732756	-1.36471	0.113804	0.515816	1.19462	0.455136	0.1903	1.70487	1.70487	0.300794	0.560356	-1.78486	0.0154436	1.54183	0.914845	0.959446	-1.04227	1.36408	1.40148	1.02884	1
cg00836100	THBS1	0.182799	0.0815183

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	F(Error)
cg00902090	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.183027	0.621664	0.890889	-1.12247	0.6610088	0.612377	-1.63298	0.27134	0.766461	-1.3047	0.458147	0.839064	-1.1918	0.2204	0.522497	-1.91389	0.049067	0.59343	-1.68512	0.24663	0.754731	-1.32497	0.932258	0.10964	0.2006699	0.730589	-1.36876	0.19285	0.65139	0.759447	1
cg04734210	ZNF598	0.183036	0.777918	0.950831	-1.05171	0.9534407	1.49023	1.49023	0.910773	0.980216	-1.02018	0.874766	0.972275	-1.02852	0.76943	1.05381	1.05381	0.0738157	1.43517	1.43517	0.0176918	1.69996	1.69996	0.717313	1.067	1.067	0.436015	1.15267	1.15267	2.02027	0.995152	0.38312	
cg13572771	RAD51L1;RAD51L1;RAD51L1	0.183037	0.089369	0.710141	-1.40777	0.228112	0.622931	-1.60751	0.650965	0.920204	-1.08672	0.128534	0.740853	-1.3498	0.563208	0.899205	-1.11199	0.19271	0.777461	-1.28624	0.163074	1.31237	1.31237	0.973624	1.00065	1.00065	0.683519	0.927894	-1.07771	1.1928	1.02052	0.469335	1
cg05721374	TAF13	0.183037	0.0168345	0.490949	-2.03687	0.958291	0.307324	-1.01284	0.771638	0.931477	-1.07356	0.387487	1.24117	1.24117	0.161956	1.43943	1.43943	0.899521	0.969657	-1.03129	0.384905	1.24271	1.24271	0.186832	1.40677	1.40677	0.462078	1.20035	1.20035	1.93279	1.82125	0.837589	1
cg17094378	SCHIP1	0.183039	0.555948	1.12011	1.12011	0.0346583	1.59841	1.59841	0.088533	1.43022	1.43022	0.248569	0.794732	-1.25829	0.952632	0.988751	-1.01138	0.988682	0.997302	-1.0027	0.9533031	1.51003	1.51003	0.871061	1.03142	1.03142	0.274409	1.24181	1.24181	1.92978	1.11015	0.510559	1
cg27656614	CMIP	0.183042	0.15109	0.522785	-1.91283	0.654339	0.826097	-1.20923	0.646551	0.823131	-1.21487	0.411917	0.702104	-1.42429	0.21922	0.580027	-1.72406	0.569601	0.784845	-1.27414	0.00652802	0.2253997	-4.43662	0.138402	0.510432	-1.95912	0.22899	0.587319	-1.70265	1.93277	0.57395	0.543988	2.50183	1
cg20128671	INPP4B;INPP4B	0.183045	0.598703	1.10867	1.10867	0.0198245	1.58664	1.58664	0.1	?	?	0.229124	1.227782	1.27782	0.065115	0.991554	-1.00853	0.301317	1.23125	1.23125	0.0946396	0.7000553	1.43846	0.163788	1.93524	1.93524	0.366307	1.19757	1.19757	1.94472	1.03309	0.513128	1
cg13430851	CDC123;NUDT5	0.183045	0.597081	0.899575	-1.11164	0.1163533	1.40261	1.40261	0.186787	1.31999	1.31999	0.704314	0.778758	0.223854	0.7766066	1.28855	1.28855	0.298735	1.23823	1.23823	0.384448	1.19353	1.19353	0.0715944	0.6790905	-1.49052	0.159941	1.33039	1.33039	1.93275	1.20479	0.554094	1
cg12012886	MGC16142	0.183048	0.0552348	0.284138	-3.51941	0.421517	0.621623	-1.60869	0.214662	0.469385	-2.13045	0.881609	1.09012	1.09012	0.0583616	0.2898233	-3.45038	0.083391	0.329673	-3.03331	0.113018	0.3683562	-2.71472	0.592607	0.731458	-1.36713	0.048939	0.27204	-3.67593	1.93274	0.20617	4.71948	1
cg02407415	PRR25 EEF1D;EEF1D;EEF1D;EEF1D;EEF1D;EEF	0.183049	0.129456	0.241782	-4.13596	0.0388598	0.643814	0.611246	0.543142	0.593387	1.68555	0.552269	0.798127	1.25284	0.2882	0.537888	-1.85878	0.0465	0.2	-5	0.0062	0.2	-5	0.0062	0.5569	-1.79559	0.1309884	0.426453	-2.34492	1.93273	0.28896	1.65752	1
cg10643773	1D;EF1D	0.183049	0.256521	0.750995	-1.33157	0.0894588	0.447551	-2.23438	0.524822	0.855710	-1.16861	0.205233	0.723865	-1.38347	0.138332	0.679914	-1.47077	0.45256	0.831083	-1.20325	0.643809	1.11916	1.11916	0.628068	1.12528	1.12528	0.923325	0.976999	-1.02355	1.93273	1.78945	0.823991	1
cg27242945	CAV1	0.18305	0.0373677	0.689756	-1.44979	0.129533	1.28633	1.28633	0.663594	0.934932	-1.0696	0.678568	0.937942	-1.06616	0.470682	0.893315	-1.11943	0.247269	0.83029	-1.2044	0.394186	0.8744442	-1.14359	0.407151	0.877781	-1.13924	0.109699	1.30745	1.30745	1.93273	0.72345	0.332725	1
cg01395261	MAST3	0.183051	0.0814651	0.396981	-2.51901	0.489732	0.714853	-1.39889	0.119017	0.645109	-2.24664	0.97449	0.984819	-1.01542	0.0250319	0.2793402	-3.58036	0.429121	0.679665	-1.47131	0.037046	0.3133994	-3.18477	0.902674	0.306735	0.313994	-3.18477	0.902674	0.306735	0.313994	1.93272	0.70572	3.22204	1
cg24422171	CLK3	0.183054	0.965771	0.987128	-1.01304	0.0304781	0.46407	-2.15485	0.126186	0.606815	-1.64795	0.468125	0.800217	-1.24966	0.175544	0.647344	-1.54477	0.805912	0.945165	-1.05802	0.0803146	0.7962614	-1.79626	0.714679	1.117223	1.117223	0.950154	0.981303	-1.01905	1.9227	0.79867	1.28316	1
cg01445226	NME2;NME2;NME2	0.183057	?	?	?	?	?	?	?	?	0.134672	10.44451	10.44451	0.1686558	8.19937	8.19937		0.109118	13.561	13.561	?	?	?	?	?	?	?	2.67193	21.8607	10.9088	1
cg06770091	TSNAX1	0.183057	0.763575	0.939296	-1.06463	0.90611	1.0248	1.0248	0.1231	0.706962	-1.4145	0.763571	1.50575	0.577089	1.12406	1.12406		0.719008	0.92774	-1.07789	0.0209589	1.78009	1.78009	0.475883	1.16242	1.16242	0.592478	1.1187	1.1187	1.93269	1.31917	0.606718	1
cg04439623	CK2;CR2	0.183057	0.91305	1.06031	1.06031	0.588068	0.745878	-1.3407	0.812581	0.880432	-1.13581	0.894883	1.07345	1.07345	0.190626	2.10227	2.10227	0.47562	1.47539	1.47539	0.995668	1.00292	1.00292	0.00574155	6.9669	6.9669	0.760728	0.848951	-1.17792	1.93269	8.79844	4.04661	1
cg07329750	LOC654342	0.183059	0.868017	0.952759	-1.04958	0.818781	0.628974	-1.58909	0.611306	0.849152	-1.1553	0.693123	1.00522	1.00522	0.0499133	1.880674	1.880674	0.866539	0.972037	-1.02906	0.7502316	1.2884	1.2884	0.0317874	2.55692	2.55692	0.207862	0.424719	0.788828	-1.2677	1.93268	2.59152	1.19191	1
cg08937102	NADK ACIN1;ACIN1;ACIN1;ACIN1;ACIN1;ACIN	0.183065	0.972895	0.985274	-1.01495	0.0382154	2.85423	2.85423	0.0608654	2.515574	2.515574	0.99225	1.00425	1.00425	0.103356	0.4593888	2.17681	0.349969	0.656998	-1.52208	0.956835	0.976644	-1.02391	0.864272	1.07756	1.07756	0.512928	0.753217	-1.32764	1.93264	5.83554	2.68396	1
cg02037503	1	0.183066	0.389356	0.92264	-1.08385	0.6688228	0.830376	-1.20427	0.0974998	1.18054	1.18054	0.637976	0.957663	-1.04421	0.103436	0.849963	-1.17652	0.325772	0.911548	-1.09703	0.44061	0.930734	-1.07442	0.234327	0.892443	-1.12052	0.25826	1.11368	1.11368	1.93264	0.255009	0.117288	1
cg15684231	PTPRN2;PTPRN2;PTPRN2	0.183071	0.494741	1.13366	1.13366	0.22999	1.25594	1.25594	0.179229	1.29454	1.29454	0.114102	1.36479	1.36479	0.137179	1.336	1.336	0.120205	1.35662	1.35662	0.40298	1.1486	1.1486	0.167249	0.0171593	1.69135	1.69135	0.523582	0.889362	-1.1244	1.93261	1.00208	0.460898	1
cg08797988	IFT172	0.183072	0.8545842	0.9691	-1.03185	0.6119532	0.7111	0.7111	0.0168373	0.934811	0.934811	0.0824542	0.981532	1.018632	0.5333855	1.14482	1.14482	0.0997722	0.915953	-1.09201	0.4155353	1.16041	1.16041	0.0938951	1.1632	1.1632	0.188013	1.47118	1.47118	1.93261	2.26886	1.04454	1
cg10217166	PPM1H	0.183073	0.195429	1.38758	1.38758	0.1816324	0.712339	-1.40383	0.0651584	0.609388	-1.64099	0.59159	1.13833	1.13833	0.749726	0.926297	-1.07957	0.825792	1.05415	1.05415	0.0403976	1.76182	1.76182	0.598066	1.13572	1.13572	0.633116	0.893329	-1.12192	1.93261	1.75154	0.80561	1
cg19734370	NPTX1	0.183073	0.643599	0.790317	-1.26533	0.4460297	1.647879	-1.5435	0.313166	1.69324	1.69324	0.218109	2.568243	1.75981	0.0992063	4.488201	4.488201	0.367686	0.629715	-1.58486	0.0178534	2.424178	4.3227	0.129665	0.0178534	2.424178	4.3227	0.129665	0.0178534	2.424178	4.3227	0.129665	1.93261	3.58251	1.7091	1
cg14592794	SARM1	0.183078	0.281995	0.54922	1.54922	0.478916	1.32557	1.32557	0.365121	1.43958	1.43958	0.0650869	2.25005	2.25005	0.648542	0.74919	-1.33477	0.36311	1.44191	1.44191	0.102172	0.4970755	-2.01185	0.22961	0.63815	1.63815	0.0750283	2.17334	2.17334	1.93258	1.69227	2.15821	1
cg07839742	MRAP2	0.183081	0.687586	0.869226	-1.15045	0.123653	0.560941	-1.78272	0.8898654	1.91208	1.91208	0.327358	1.41984	1.41984	0.661669	0.858416	-1.16494	0.476722	0.778139	-1.28512	0.0508515	0.4624312	-2.16248	0.263871	0.67053	-1.49136	0.409385	1.33979	1.33979	1.93256	3.68778	1.69216	1
cg18676803	MYN	0.183086	0.852315	0.947893	-1.05509	0.7798139	1.067999	-1.56099	0.3599109	0.791272	-1.26379	0.0827131	1.25362	1.25362	0.0976191	1.3106	1.3106	0.271153	1.14426	1.14426	0.0135966	1.12365	1.12365	0.614278	1.20395	1.20395	0.913253	0.424481	0.96	1.93256	0.424481	0.96	0.194785	1
cg07484220	C16orf35;C16orf35	0.183087	0.247981	0.27349	2.87349	0.030794	0.56936	0.56936	0.165473	0.65773	0.65773	0.56637	1.65523	0.615233	0.218185	0.322037	-3.10523	0.394233	0.467554	-2.13879	0.159873	0.373204	0.363044	0.372565	0.708153	0.708153	0.386229	0.389297	0.599263	0.98563	1		
cg13293756	HAT1;HAT1;HAT1	0.183093	0.853734	0.940597	-1.06357	0.5665371	0.488332	0.488332	0.0166054	0.488332	0.488332	0.0166054	1.44642	1.44642	0.0910616	0.5203707	-1.92161	0.364742	0.706455	-1.41552	0.0164954	0.5203707	-1.92161	0.0910616	1.44642	1.44642	0.0910616	0.5203707	-1.92161	0.0910616	1.44642	1.44642	0.0910616	1.93256

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1271 vs. N)	Fold-Change(1-vs-1271 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ajr19606583	KIF13A;KIF13A;KIF13A;KIF13A	0.183343	0.848444	1.03731	0.111853	1.118513	0.18529	1.38329	0.040285	1.57079	0.153227	1.786688	0.135947	1.93243	0.408449	1.17572	1.17572	0.25391	0.796035	-1.25623	0.714713	1.07282	1.07282	0.2948801	1.23125	1.23125	0.223644	1.27735	1.93116	1.12119	0.51607	1
dq20682054	ABTB2	0.183343	0.01600032	0.608179	-1.64425	0.625557	1.08647	1.084647	0.448047	1.13927	0.481958	0.887462	-1.12681	0.755246	0.948633	-1.05415		0.914274	0.982005	-1.01832	0.842534	0.724621	-1.38003	0.293414	0.832107	-1.20177	0.332569	1.1836	1.1836	1.93116	0.869788	0.400352	1
dq13473691	KCNT1; NDUFB11;NDUFB11;NDUFB11;NDUFB1	0.183344	0.785896	0.81407	-1.22839	0.0903404	4.09586	4.09586	0.997984	1.00191	1.00191	0.26828	0.418473	-2.38964	0.116778	0.275989	-3.62333		0.337633	0.473876	-2.11025	0.0227802	0.12759	-7.83762	0.643221	0.702998	-1.42248	0.635175	0.696916	-1.43489	1.93115	17.4571	8.03529	1
dq10058598	1 PML;PML;PML;PML;PML;PML;PML	0.183345	0.4609	0.807645	-1.23817	0.292175	0.732699	-1.36482	0.182609	0.626627	-1.59585	0.129301	0.627241	-1.59428	0.0501548	0.529664	-1.88799	0.727285	1.10477	1.10477	0.0763706	1.75253	1.75253	0.543647	0.839513	-1.19117	0.931326	0.97577	-1.02483	1.93115	2.47699	1.14014	1
dq27647177	PML	0.183345	0.841451	0.973522	-1.0272	0.105471	1.2674	1.2674	0.708152	0.950866	-1.05167	0.949162	1.00858	1.00858	0.667022	0.943658	-1.05971	0.0704703	1.3111	1.3111	0.254867	0.853997	-1.17096	0.2365309	0.846893	-1.18079	0.05906518	1.13055	1.93055	1.93115	0.549022	0.25271	1
dq09806556	SDHA	0.183346	0.235857	0.809643	-1.249	0.0149032	0.585118	-1.70906	0.314447	0.830115	-1.20465	0.265702	1.2206	1.2206	0.388385	0.853657	-1.17143	0.39081	0.854142	-1.1706	0.3568049	1.18432	1.18432	0.807645	1.04463	1.04463	0.2739023	0.817879	-1.22368	1.93114	0.979797	0.450992	1
dq22693806	PRRX1;PRRX1	0.183346	0.067231	0.259618	-3.85182	0.482728	1.59849	1.59849	0.209531	2.38598	0.849415	0.3666	4.36696	0.344145	0.954976	-1.04715		0.287992	0.484171	-2.06538	0.832425	0.860952	-1.41949	0.29578	0.490248	-2.03978	0.38753	1.79023	1.79023	1.93114	13.2222	6.08606	1
dq26128378	DLGAP2	0.183347	0.322203	1.30106	1.30106	0.0687367	1.68925	1.68925	0.364202	1.27121	1.27121	0.295632	1.32195	1.32195	0.357443	0.783832	-1.27578	0.989088	1.00353	1.00353	0.339688	1.2882	1.2882	0.0383105	0.539147	-1.85478	0.7138111	0.90956	-1.09943	1.93114	2.02565	0.932392	1
dq12802819	DDX25;PUS3	0.183349	0.0557403	0.6933	-1.44244	0.0214463	1.22802	1.22802	0.896155	1.11588	0.664222	0.677982	1.47193	1.47193	0.164455	0.70952	-1.40992	0.380133	1.18218	1.18218	0.163767	0.7202	1.38844	1.38844	0.0755519	1.44452	1.44452	0.432414	1.1606	1.1606	1.93112	1.05691	0.486494	1
dq13768174	C1orf97	0.183353	0.653205	1.05724	1.05724	0.16829	0.834693	-1.19805	0.611106	1.06515	1.06515	0.247413	1.16048	1.16048	0.162442	1.23363	1.23363	0.298502	0.875793	-1.14182	0.0467818	0.755667	-1.32333	0.285067	0.872272	-1.14643	0.463279	0.912214	-1.09623	1.93111	0.463245	0.213232	1
dq05964479	TPS10;TPS10	0.183353	0.138187	0.297182	-2.55703	0.267964	0.907295	-1.10124	0.809407	0.932497	-1.08403	0.366412	0.57935	-1.72607	0.12204	0.623574	-1.60394	0.239868	0.849801	-1.20622	0.0194514	0.186893	-5.26706	0.0819064	0.323808	-3.10744	0.0728866	0.308301	-3.24359	1.93108	10.5794	4.86977	1
dq25824052	CAND2;CAND2	0.183361	0.0313551	0.58404	0.58404	0.471841	1.67134	1.67134	0.776603	0.8199015	-1.22098	0.476331	0.60154	-1.6624	0.502896	0.62054	-1.6115	0.353289	0.511558	-1.95481	0.710037	1.29967	1.29967	0.770426	1.29967	1.29967	0.0313093	1.58378	1.58378	1.93106	15.0639	6.93409	1
dq08033640	SHANK2;SHANK2	0.183366	0.782628	0.935747	-1.06866	0.115109	1.5089	1.5089	0.168269	1.52305	0.602685	1.13296	1.13296	0.923712	1.02327	1.02327		0.294442	1.29837	1.29837	0.0142559	2.06046	2.06046	0.752066	0.926189	-1.07969	0.473771	0.893504	-1.19118	1.93104	1.76339	0.811717	1
dq00435326	C11orf48;METTL22	0.183368	0.489386	1.11921	1.11921	0.629337	0.965205	-1.07595	0.837077	0.937673	-1.13678	0.517498	0.900151	-1.11097	0.948164	1.45513	1.45513	0.489613	1.11914	1.11914	0.339994	0.854092	-1.17083	0.231877	1.22274	1.22274	0.0602207	1.40485	1.40485	1.93103	0.786652	0.362111	1
dq09810013	BANP;BANP	0.183369	0.363842	0.792508	-1.26182	0.255321	0.743825	-1.3444	0.219923	0.725099	-1.37912	0.976898	1.00724	1.00724	0.0819955	0.618637	-1.61646	0.390747	1.24502	1.24502	0.048569	1.75327	1.75327	0.392004	0.803689	-1.24426	0.254517	0.74342	-1.34513	1.93102	1.89929	0.874282	1
dq13971025	OLFM1	0.183382	0.364209	2.29301	2.29301	0.0192058	1.42466	1.42466	0.0233918	1.51577	1.51577	0.712894	1.38949	1.38949	0.906568	0.900777	-1.11015	0.150953	0.93469	-1.07049	0.875515	1.14073	1.14073	0.662857	1.47761	1.47761	0.0393837	0.935027	-1.06949	1.93095	24.3242	11.1513	1
dq05639205	SHH	0.183384	0.142378	0.410944	-2.43412	0.131838	0.39868	-2.50828	0.548408	0.70945	-1.40954	0.544076	0.706317	-1.41579	0.0893363	0.340755	-2.93688	0.103082	0.364887	-2.74058	0.815907	1.14094	1.14094	0.0708383	1.13048	1.13048	0.792496	0.861516	-1.16075	1.93093	9.77551	4.50008	1
dq04118306	NEFM;NEFM	0.183386	0.131444	0.400259	-2.49838	0.3228119	1.77576	1.77576	0.877055	1.09095	1.09095	0.861206	1.1034	1.1034	0.0528318	0.290107	-3.44701	?	?	?	0.0344182	0.249767	-4.00374	0.986385	0.990451	-1.00964	0.751738	0.836565	-1.19536	1.94285	8.64752	4.45095	1
dq09246611	DPZC	0.183387	0.0533204	0.645351	-1.19128	0.300046	0.82424	-1.45737	0.35161	0.721232	-1.40386	0.0282025	0.390994	1.27453	0.0112508	0.405272	-2.46758	0.268894	0.662648	-1.5091	0.853138	0.993451	-1.00897	0.979209	1.01225	1.01225	0.633948	0.842452	-1.18701	1.94093	3.90582	1.79802	1
dq07915730	TSPAN9;TSPAN9	0.183393	0.84637	1.12852	1.12852	0.0137635	0.67419	0.67419	0.061958	3.7058	3.7058	0.791167	0.847535	-1.17989	0.741483	0.813546	-1.22919	0.242976	2.14168	2.14168	0.608184	1.38032	1.38032	0.46935	0.632015	-1.58224	0.739835	0.812429	-1.23088	1.93089	11.8819	5.46983	1
dq00444019	FAM107B	0.183393	?	?	?	0.815649	1.15045	1.15045	0.45112	1.58951	1.58951	0.45112	1.58951	1.58951	0.22994	0.464077	0.642239	-1.55742	?	?	?	0.0344182	0.249767	-4.00374	0.986385	0.990451	-1.00964	0.751738	0.836565	-1.19536	1.94285	8.64752	4.45095	1
dq24623422	KIAA1841;KIAA1841;KIAA1841	0.183395	0.157155	1.29351	1.29351	0.575495	1.10102	1.10102	0.12033	1.33192	1.33192	0.55878	0.904319	-1.1058	0.853867	1.03186	1.03186	0.59902	1.09445	1.09445	0.0922983	1.3705	1.3705	0.0422666	1.48876	1.48876	0.0380885	1.50523	1.50523	1.93088	0.884866	0.407352	1
dq15106143	KCNN1	0.183399	0.974842	0.990256	-1.00984	0.0711891	1.8697	1.8697	0.656842	1.14894	1.14894	0.805303	1.0797	1.0797	0.694867	0.531543	-1.88131	0.698245	0.886063	-1.12859	0.305246	0.719181	-1.39047	0.83524	0.937379	-1.0668	0.0501656	2.00042	2.00042	1.93086	2.94833	1.35729	1
dq12476697	SKI	0.183404	0.98273	1.01668	-1.01668	0.622276	0.96198	0.96198	0.552489	1.03995	1.03995	0.0442224	0.83641	1.83641	0.678911	1.37398	1.37398	0.154083	0.870054	1.14948	0.0178278	1.13278	1.13278	0.73066	0.768161	-1.30181	0.148984	1.25844	0.811827	0.833574	-1.19965	1.93085	17.8149	8.20126	1
dq26350373	PLA2G4F;PLA2G4F	0.1834	0.0911028	0.238618	-4.19079	0.160228	0.315006	-3.17454	0.239868	0.38769	-2.57938	0.195904	0.348877	-2.86634	0.0822097	0.227071	-4.40391	0.0808497	0.225253	-4.43945	0.0519258	0.18217	-5.48937	0.0518966	0.182121	-5.49085	0.188	0.342423	-2.92036	0.93085	18.1286	8.34571	1
dq07440031	CRYGS	0.183403	0.217351	1.44912	1.44912	0.326344	0.584407	-1.18446	0.559287	0.883545	-1.13314	0.531826	0.884541	-1.13053	0.0866497	0.537227	-1.86141	0.959192	0.985674	-1.01443	0.948981	0.89041	-1.12303	0.0997574	0.75681	-1.32154	0.59385	0.74938	-1.33378	1.93087	0.75681	0.392158	0.24318	1.11951	1
dq06391471	UBE2F	0.183404	0.469727	1.12245	1.12245	0.283882	0.839577	-1.19108	0.0257379	0.659684	-1.51588	0.188621	0.803508	-1.24454	0.543814	0.908006	-1.10131	0.597323	0.919681	-1.08733	0.538136	0.0717637	1.78809	1.78809	0.0126402	1.10485	1.10485	0.156317	0.788602	-1.26814	1.92182	1.29182	0.93083	0.754343	0.347273	1
dq19876838	KCN14	0.183405	0.0192784	0.550997	-1.81489	0.173469	1.35657	1.35657	0.893081	1.02872	1.02872	0.862688	1.03612	1.03612	0.481447	0.86013	-1.16261	0.685281	1.08958	1.08958	0.888089	1.48634	1.48634	0.780468	0.942865	-1.0606	0.62569	0.901662	-1.10906	1.93083	1.35585	0.62419	1
dq10853368	CTV1G	0.183406	0.1955517	1.712183	1.712183	0.0152828	1.16756	1.16756	0.232828	1.42126	1.42126	0.532828	1.16956	1.16956	0.187004	0.767023	-1.30344	0.1763	1.38763	1.38763	0.437747	0.821801	-1.21684	0.106233	1.54866	1.54866	0.14982	0.83798	-1.19328	1.93082	2.83854	1.46255	1
dq04513777	MPV17L;MPV17L	0.183406	0.422946	0.861916	-1.16021	0.641585	0.918412	-1.08884	0.101782	1.3843	1.3843	0.974613	0.994239	-1.00579	0.470397	1.14261	1.14261	0.0560439	0.675085	-1.48129	0.120185	0.736351	-1.35805	0.13541	1.33934	1.33934	0.920514	0.982042	-1.01829	1.93082	1.00796	0.464031	1
dq04428039	PGDFD;PGDFD	0.183407	0.2676036	1.953719	1.953719	0.0443651	1.32191	1.32191	0.903955	1.03691	1.03691	0.903955	1.03691	1.03691	0.487575	0.8211	-1.21788	0.0202681	1.54499	1.54499	0.0133161	1.50097	1.50097	0.0133161	1.50097	1.50097	0.0133161	1.50097	1.50097	1.93082	1.24158	0.642352	1
dq25148456	MAP3K1	0.183408	0.960002	1.0134	1.0134	0.392953	1.2626	1.2626	0.0266054	2.0477	2.0477	0.277211	0.739478	-1.35231	0.383976	1.26857	1.26857	0.816209	0.940049	-1.06377	0.060849	1.77109	1.77109	0.102507	1.6177	1.6177	0.861806	1.04735	1.04735	2.01807	2.20503	0.849832	1
dq05085515	C20orf72;SNX5;SNX5	0.183409	0.810865	0.960828	-1.04077	0.0610279	1.42176	1.42176	0.528845	1.1102	1.1102	0.973216	1.0561	1.0561	0.468343	1.13086	1.13086	0.0683468	0.711449	-1.40558	0.394207	1.15657	1.15657	0.0616098	1.42036	1.42036	0.241337	1.22682	1.22682	1.93081	0.849541	0.391104	1
dq12534645	CAMK2A;CAMK2A	0.183414	0.2308027	1.6168	1.6168	0.0443931	1.04258	1.04258	0.852487	1.02905	1.02905	0.45112	1.58951	1.58951	0.22994	0.464077	0.642239	-1.55742	0.0768317	1.78363	1.78363	0.0188346	0.601621	1.66201	0.0405848	2.79.0	0.0188346	0.601621	1.66201	1.93081	3.90578	1.79814	1
dq03958152	TNS3	0.183415	0.139822	0.349839	-2.85846	0.0596086	0.245364	-4.07724	0.145616	0.355958	-2.80932	0.697261	1.29492	1.29492	0.0826662	0.280657	-3.56307	0.165994	0.376598	-2.65535	0.832246	0.869157	-1.15054	0.181155	2.55626	2.55626	0.50418	0.638846	-1.56532	1.93077	13.3647	6.15286	1
dq04467200	TRAF3;TRAF3;TRAF3	0.183419	0.9093333	1.04525	1.04525	0.0758437	1.18143	1.18143	0.837002	0.973552	-1.29273	0.256152	1.25333	1.25333	0.0898455	0.796152	-1.25626	0.0855197	0.613727	-1.62935	0.0936316	0.544134	1.84117	0.0474887	0.723326	1.38206	0.0900044	0.653383	1.53055	1.93076	1.08844	0.562285	1
dq22856141	PCCA;PCCA	0.183422	0.873608	0.962165	-1.03932	0.344466	0.98267	-1.02013	0.0507199	1.71488	1.71488	0.803108	0.941271	-1.06239	0.0260646	0.52741	1.89606	0.310473	0.775498	-1.28949	0.18791	0.713146	-1.40224	0.451281	0.83032	-1.20435	0.343409	0.982948	-1.01735	1.93073	1.79483	0.82632	1
dq09599777	RNF214;PCSK7;RNF214	0.183423	0.8327558	1.05386	1.05386	0.5233385	0.851763	-1.17404	0.725583	0.916284	-1.09136	0.659597	0.895862	-1.11624	0.230435	0.731886	-1.36633	0.532062	0.854685	-1.17002	0.00622046	0.4127777	-2.42262	0.350338	1.26933	1.26933	0.429126	0.818527	-1.22171	1.93073	1.88206	0.86648	1
dq05777919	TTC15	0.183424	0.4364574	1.546326	1.546326	0.0128458	0.0953767	-1.49336	0.0128458	0.2847	-3.51236	0.0128458	0.2847	-3.51236	0.0128458	0.2847	-3.51236	0.446803	0.554352	-1.80391	0.780566	1.26374	1.26374	0.415471	0.530859	-1.88374	0.915928	1.08366	1.08366	1.93072	0.109188	0.0492285	1
dq24338748	DHRS11	0.183425	0.373666	0.674658	-1.48223	0.242696	0.69364	-1.69364	0.0625	2.4681	2.4681	0.793731	1.12588	1.12588	0.545272	1.15083	1.15083	0.189507	0.549402	-1.82016	0.0359899	0.358554	-2.78898	0.628431	0.810461	-1.23387	0.887353	1.06299	1.06299	1.93072	5.67887	2.61451	1
dq16746462	LNPEP	0.183426	0.1704706	0.686178	-1.45708	0.148393	1.16776	1.16776	0.436509	1.40949	1.40949	0.436509	1.40949	1.40949	0.216509	0.462049	-2.16439	0.0111921	0.455205	-2.19687	0.0130424	0.0388147	2.57443	0.529473	0.188827	5.29703	0.0144251	0.0868	0.0979743	1.00776	1.93072	0.0868	0.0449553	0.0231113	1
dq20712883	POU6F1;POU6F1	0.183427	0.141221	0.495933	-2.0164	0.849664	1.08775	1.08775	0.571596	1.28838	1.28838	0.417385	1.44341	1.44341	0.0413896	0.357119	-2.80018	0.593904	0.78778	-1.26939	0.0587285	0.388151	-2.57632	0.786447	1.12791	1.12791	0.103744	0.454494	-2.20025	1.93071	6.00729	2.76573	1
dq20461691	SRY2	0.183431	0.152526	0.659379	-1.51633	0.13238	0.592559	-1.6876	0.805201	0.923376	-1.08316	0.763546	1.35098	1.35098	0.0291358	0.449435	-2.29919	0.396075	1.32311	1.32311	0.691869	0.880354	-1.13591	0.0249836	0.716554	-1.39561	0.0249836	0.716554	-1.39561	1.93069	3.17556	1.64611	1
dq04925085	GRIK4	0.183433	0.0358366	0.30103	-3.32025	0.454747	1.51597	1.51597	0.807184	0.98867	0.84790	0.84790	0.98867	0.847902	0.84790	0.85478	-1.16989	0.390143	1.35055	1.35055	0.0785484	1.94802	1.94802	0.314163	0.701012	-1.42651	0.439804	0.764239	-1.30849	0.192504	0.624555	1.60115	1.93068	0.583113	0.63955	1
dq23476898	NEURL	0.183438	0.183895	0.57943	-1.72583	0.697662	0.859746	-1.16313	0.112515	1.95188	1.95188	0.683453	0.855531	-1.16886	0.0153363	0.315996	-3.1646	0.922374	0.962974	-1.03845	0.384579	1.41213	1.41213	0.554148	0.793236	-1.26066	0.776395	0.895629	-1.11653	1.93065	4.5819	2.10955	1
dq03537810	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1 PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQ BP1;TIMM17B;PQBP1;TIMM17B;PQBP1	0.183439	0.244447	2.02267	2.02267	0.0590233	3.43278	3.43278	0.651294	0.768582	-1.3011	0.378658	1.68626	1.68626	0.557626	0.709594	-1.40926	0.0399202	3.95062	3.95062	0.0458972	3.75744	3.75744	0.344413	1.75663	1.75663	0.793022	1.16431	1.16431	1.93065	10.233	4.71139	1
dq12419381	PQBP1;PQBP1;PQBP1	0.183442	?	?	?	0.609938	1.39101	1.33901	0.688634	1.25643	1.25643	0.311792	1.82063	1.82063	?	?	?	0.023142	0.193136	-5.17234	0.95242	0.96681	-1.03433	?	?	?	0.392406	0.606566	-1.64862	2.1749	6.99736	3.21733	1
dq07754644	CSMD2;CSMD3;CSMD3	0.183443	0.543877	1.22555	1.22555	0.17313	0.643835	-1.55403	0.0777763	0.52059	-1.92048	0.0777763	0.52059	-1.92048	0.0777763	0.52059	-1.92048	0.397545	1.3016	1.3016	0.0406908	2.0524	2.0524	0.0777763	0.52059	-1.92048	0.0777763	0.52059	-1.92048	2.83121	1.30353	1
dq17470069	CSorf45;CSorf45	0.183446	0.274541	0.795922	-1.2564	0.256812	0.788505	-1.26822	0.0937171	0.690691	-1.44782	0.0724628	0.668713	-1.49541	0.395716	1.1908	1.1908	0.79985	0.950272	-1.05233	0.0726366	1.49496	1.49496	0.599694	1.11218	1.11218	0.923058	0.980792	-1.01958	0.93061	1.23248	0.567455	1
dq16878332	DNAH6	0.183447	0.474386	0.694151	-1.44091	0.0148463	1.22802	1.22802	0.542894	1.16205	1.16205	0.477878	0.209258	0.382546	0.61669	-1.57062	0.0523131	0.534284	-1.87147	0.563564	0.744995	-1.34229	0.203559	0.508349	-1.96715	0.0909789	0.998147	-2.55659	0.979128	0.986898	-1.01328	1.9306	7.77165	3.57822	1
dq08314161	FER	0.183453	0.303523	1.23975	1.23975	0.0443573	0.627685	-1.59316	0.518699	0.876398	-1.14103	0.198354	1.3539	1.3539	0.978246	0.994516	-1.00551	0.35469	0.825288	-1.21168	0.0895299	0.145863	2.59569	0.259503	0.26766	3.73766	0.526124	1.1383	1.1383	1.93057	12.2434	0.572507	1
dq19754536	TIAM1	0.183454	0.467764	1.73329	1.73329	0.0112554	10.6306	10.6306	0.0263781	7.10136	7.10136	0.761368	1.25451	1.25451	0.793208	1.21602	1.21602	0.526682	1.61209	1.61209	0.669981	1.37595	1.37595	0.795981	1.21274	1.21274	0.818587	0.842797	-1.18653	1.93056	16.9447	7.80187	1
dq25083481	MUC6	0.183455	0.972559	1.00463	1.00463	-1.02775	1.16589	1.16589	0.793563	1.03283	1.03283	0.793563	1.03283	1.03283	0.793563	1.03283	1.03283	0.606744	1.07249	1.07249	0.729	1.38322	1.38322	0.445139	1.07447	1.07447	-5.33484	0.0226863	0.18183	-5.49966	0.879068	1.10069	1.93056	1.30102	0.49765	1
dq12648583	KIAA1712;FBXO8;KIAA1712;FBXO8	0.183458	0.20948	0.7507	-1.33209	0.286091	1.27145	1.27145	0.110792	1.4574	1.4574	0.131718	0.70277	-1.42294	0.188647	1.35247	1.35247	0.133731	0.704256	-1.41994	0.67297	1.0964	1.0964	0.52614	0.870015	-1.14941	0.354503	1.22936	1.22936	1.93055	1.43687	0.661583	1
dq26968117	TPP1	0.183464	0.1719082	0.5125	-1.95077	0.0917388	0.587584	-1.7449	0.203178	0.685359	-1.45836	0.160702	0.683359	-1.46336	0.0858866	0.509252	-1.96332	0.126562	0.0110087	0.327871	0.049598	0.223237	4.4792	0.56429	0.638442	1.56602	0.179793	0.802468	-1.24584	1.93052	1.37208	0.710295	1
dq28428850	KDM4B	0.183467	0.22689	3.10257	3.10257	0.0114567	16.8336	16.8336	0.056405	6.87462	6.87462	0.848243	0.842848	-1.18645	0.60796	1.58687	1.58687	0.771171	0.770849	-1.29727	0.467615	1.934	1.934	0.210258	3.24866	3.24866	0.924997	1.08766	1.08766	1.9305	24.3507	11.2122	1
dq04539918	ARL8B	0.183469	0.102547	1.32193	1.32193	0.759355	1.1543	1.1543	0.54682	1.09994	1.09994	0.569998	1.09383	1.09383	0.367266	1.19784	1.19784	0.096268	0.751771	-1.33019	0.115203	0.765237	-1.30679	0.131682	1.28946	1.28946	0.445313	0.885544	-1.12925	1.93049	0.746244	0.343606	1
dq12407867	LOC100130872-SPON2;SPON2;SPON2	0.183473	0.344187	1.90272	1.90272	0.319944	7.42634	7.42634	0.0422982	4.68413	4.68413	0.471606	0.616659	-1.62164	0.593651	1.42697	1.42697	0.381378	1.80894	1.80894	0.453107	1.6563	1.6563	0.572152	1.4577	1.4577	0.740515	0.802988	-1.24535	1.93046	13.3264	6.1362	1
dq05391628	RHEB;1	0.183473	0.0479258	0.796127	1.25608	0.0933752	1.26451	1.26451	0.0163205	1.47883	1.47883	0.0163205	1.47883	1.47883	0.0163205	1.47883	1.47883	0.500382	1.07141	1.07141	0.24276	0.884044	-1.13117	0.906283	0.988186	-1.01196	0.615531	0.95923	-1.05238	1.93046	0.310792	0.143105	1
dq24800640	MED4	0.183475	0.0238041	0.666007	-1.50149	0.646285	0.932745	-1.0721	0.0929013	1.32121	1.32121	0.178366	0.806181	-1.24042	0.932745	1.07201	1.07201	0.827146	1.0315	1.0315	0.692815	0.944931	-1.06165	0.332838	1.16243	1.16243	0.659483	1.06909	1.06909	1.93046	0.694081	0.319593	1
dq13603599	AIP	0.183477	0.0225451	0.477467	-2.09439	0.573844	1.23465	1.23465	0.214964	0.61778	-1.61837	0.973208	0.987685	-1.01247	0.167661	0.581224	-1.72051	0.778682	0.901266	-1.10955	0.0463668	0.430871	-2.32088	0.279474	1.51415	1.51415	0.112875	0.529028	-1.89026	1.93044	4.16222	1.91653	1
dq13448183	MAT1A	0.183478	0.0711732	0.499663	-2.00271	0.165691	0.856284	-1.16796	0.0406961	1.4348	1.4348	0.380795	0.855873	-1.1684	0.0407955	1.16854	1.16854	0.609506	1.09546	1.09546	0.16385	1.30139	1.30139

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1253 vs. N)	Fold-Change(1253 vs. N)	p-value(1277 vs. N)	Fold-Change(1277 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
2000361137	GAIP;GAIP		0.183831		0.183831		0.626709		0.626709		0.111572		0.183831		0.183831		0.183831		0.183831		0.838792		0.838792		0.334723		0.02368		0.018157		0.018912	1.92962	3.38834	1.56085	1
2158945643	HIST2H2BE;HIST2H2BE		0.380502		0.715639		0.183731		0.183731		0.344779		2.900401		0.181339		1.69517		1.69517		0.723908		0.876415		1.141031		0.246621		0.637229		0.56229		0.576676		1.23339		0.23439		0.142417		1.57622		0.576522		0.630913		1.19727		1.19727		0.735796		1.13424		1.13424	1.92961	4.22773	1.94753	1
2184521331	EGFR;EGFR;EGFR;EGFR		0.463631		0.838452		-1.19267		0.0575877		1.660059		1.660059		0.650549		1.11373		1.11373		0.701253		1.095321		1.095321		0.163993		0.704142		-1.42017		0.0778701		1.58849		1.58849		0.0665156		1.62581		1.62581		0.423355		1.21305		1.21305		0.576036		1.14193		1.14193	1.92961	1.70486	0.785356	1
2011681151	EHMT2;EHMT2		0.345201		1.03875		0.183879		0.2262704		1.3602		1.3602		0.440329		0.2022447		-1.09639		0.3953		0.503984		-1.10695		0.3183067		0.8910141		-1.12217		0.0912332		1.24247		1.24247		0.471665		0.9180898		-1.08521		0.5504171		0.870306		1.07306		1.07306		0.2401222		1.15436		1.15436	1.92959	0.4162883	0.191766	1
2179219244	LOC145845		0.183637		0.911336		1.05526		1.05526		0.262612		2.75054		2.75054		0.342675		0.160332		1.60332		0.0378452		0.312602		-3.19895		0.425444		0.675017		-1.48144		0.899767		0.940965		-1.06274		0.187928		1.96167		1.96167		0.33105		1.62303		1.62303		0.753606		0.858942		-1.16422		1.92959		7.12604		3.2827	1
2031919399	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1		0.183641		0.596605		0.847361		-1.18013		0.477379		0.799312		-1.25108		0.819895		0.93173		-1.07327		0.590475		1.21778		1.21778		0.133368		0.605296		-1.65208		0.947975		0.97997		-1.02044		0.0665581		0.334569		-2.98892		0.728337		0.89752		-1.11418		0.665687		1.1443		1.1443	1.92957	2.93816	1.35351	1
2160009980	DCAF4L1;DCAF4L1		0.0894205		2.16714		2.16714		0.8020559		1.10931		1.10931		0.7913158		1.11572		1.11572		0.6124863		1.234851		1.234851		0.0429729		2.616663		2.616663		0.216563		0.863479		1.07366		1.07366		0.0191288		1.22531		1.22531		0.118136		2.01557		2.01557		0.912003		1.04671		1.04671	1.92956	5.21219	2.4011	1
2160530450	DDZ2		0.183625		0.451341		0.2729142		-1.29376		0.39058		1.34347		1.34347		0.1292028		0.576819		-1.73364		0.728478		0.8896617		-1.12408		0.665906		0.8643337		-1.15696		0.9031183		1.041619		1.041619		0.1409169		0.2017729		2.01077		2.01077		0.969193		0.987122		-1.01305		1.92952		3.44216	1.58573	1
2119444828	AGPAT1;AGPAT1		0.183651		0.0197806		0.215386		-4.64282		0.896579		0.931513		-1.07352		0.491757		1.46367		1.46367		0.392613		1.61248		1.61248		0.298538		0.555525		-1.8001		0.149332		0.430213		2.32443		0.436648		0.64862		-1.54173		0.7015503		1.2338		1.2338		0.0972776		0.370559		-2.69863		1.92952		9.09479		4.18979	1
2160387491	LINTA;MIR617		0.183658		0.328113		0.8496722		0.4753196		1.1202		1.1202		0.1429		0.2440814		1.127386		1.127386		0.2449192		0.8572552		1.524003		1.524003		0.1.1437		0.784218		0.856669		-1.16725		0.6557		1.65576		1.65576		0.38565		0.4487766		1.13807		0.9733009		0.994555		-1.00548		1.92948		0.795004		2.366664	1
2160329615	IGSF11;IGSF11		0.183658		0.438425		0.729459		-1.37088		0.945773		1.02752		1.02752		0.160268		1.81456		1.81456		0.282442		1.56173		0.455526		0.738316		-1.73819		0.8149992		0.462702		-2.16122		0.086606		0.469787		-2.12682		0.280842		1.56423		1.56423		0.910948		0.886815		2.2427	1
2160490421	PIKAA1A;PIKAR1A;PIKAR1A		0.183664		7		7		7		1.440951		0.195034		-1.15026		0.9221923		0.904938		-1.65505		0.0222722		0.0509739		-19.6512		7		7		7		0.591201		1.691		1.691		0.764431		-1.92857		0.1733		2.02826		10.3493		2
2160909851	AKAP1		0.183665		0.627836		0.906223		-1.10348		0.00697493		0.494861		-2.02077		0.448872		0.84344		-1.18562		0.919159		1.02068		1.02068		0.298768		0.804856		-1.24246		0.202201		0.762296		-1.31183		0.930234		0.982504		-1.01781		0.3614572		1.20815		1.20815		0.6405666		0.909566		-1.09942		1.92944		1.24161		0.572009	1
2160655475	SPTBN4		0.183667		0.223269		1.96624		1.96624		0.502310		1.43295		1.43295		0.152897		2.21869		2.21869		0.815975		1.13108		1.13108		0.0104695		2.52207		2.52207		0.598009		1.32463		1.32463		0.129943		0.529797		1.59848		1.59848		0.210506		0.1410455		2.5057		2.5057		0.598009		1.32463		1.32463		0.529943		0.530385		3.93016	1
2160432265	SPIS28;SPIS28		0.183669		0.0683203		0.8094		2.85094		0.232523		0.512268		-1.9531		0.503536		0.503536		1.06415		0.153554		0.387187		2.381187		0.538248		0.7256611		-1.37954		0.3234446		0.592745		-1.68707		0.626384		1.04853		1.04853		0.0497095		3.151599		3.151599		0.440376		1.49707		1.49707		0.92942		0.816313		3.70226	1
2160513282	TMEM14E;MBNL1;MBNL1;MBNL1		0.183669		0.266042		2.6682		2.6682		0.891604		0.918059		-1.08925		0.524505		0.667383		-1.49839		0.133446		2.75931		2.75931		0.424994		1.6667		1.6667		0.240973		2.13626		2.13626		0.0613472		3.75342		3.75342		0.0182737		6.02612		6.02612		0.308322		1.93703		1.93703	1.92942	12.0139	5.53486	1
2160520510	NOV		0.183669		0.6678797		0.301648		-3.31512		0.47207		0.651372		-1.53522		0.205923		0.41725		-2.18574		0.404158		0.606373		-1.64915		0.253742		0.497306		-2.01084		0.341202		0.562823		-1.77676		0.052167		0.274056		-3.64889		0.193562		0.178949		-5.58819		0.183654		0.437496		-2.28574		1.92942		10.4952		4.83518	1
2143489139	AP2A2		0.183675		0.895631		1.08279		1.08279		0.0123985		6.59574		6.59574		0.0269167		4.89512		4.89512		0.29665		1.92669		1.92669		0.819133		1.14891		1.14891		0.337803		1.82007		1.82007		0.437109		1.61678		1.61678		0.491246		1.52764		1.52764		0.977736		1.01706		1.01706	1.92939	11.224	5.17102	1
2160366607	FAM20C		0.183677		0.906403		1.10318		1.10318		0.0760482		0.2267		4.41126		0.0026906		0.12858		7.78126		0.0002825		0.12898		7.75492		0.0002825		0.1.1437		0.784218		0.856669		-1.16725		0.6557		1.65576		1.65576		0.38565		0.4487766		1.13807		0.9733009		0.994555		-1.00548		1.92948		0.795004		2.366664	1
2160329615	IGSF11;IGSF11		0.183658		0.438425		0.729459		-1.37088		0.945773		1.02752		1.02068		0.160268		1.81456		1.81456		0.282442		1.56173		1.56173		0.738316		-1.73819		0.8149992		0.462702		-2.16122		0.086606		0.469787		-2.12682		0.280842		1.56423		1.56423		0.910948		0.886815		2.2427	1
2160490421	PIKAA1A;PIKAR1A;PIKAR1A		0.183664		7		7		7		1.440951		0.195034		-1.15026		0.9221923		0.904938		-1.65505		0.0222722		0.0509739		-19.6512		7		7		7		0.591201		1.691		1.691		0.764431		-1.92857		0.1733		2.02826		10.3493		2
2160909851	AKAP1		0.183665		0.627836		0.906223		-1.10348		0.00697493		0.494861		-2.02077		0.448872		0.84344		-1.18562		0.919159		1.02068		1.02068		0.298768		0.804856		-1.24246		0.202201		0.762296		-1.31183		0.930234		0.982504		-1.01781		0.3614572		1.20815		1.20815		0.6405666		0.909566		-1.09942		1.92944		1.24161		0.572009	1
2160655475	SPTBN4		0.183667		0.223269		1.96624		1.96624		0.502310		1.43295		1.43295		0.152897		2.21869		2.21869		0.815975		1.13108		1.13108		0.0104695		2.52207		2.52207		0.598009		1.32463		1.32463		0.129943		0.529797		1.59848		1.59848		0.210506		0.1410455		2.5057		2.5057		0.598009		1.32463		1.32463		0.529943		0.530385		3.93016	1
2160432265	SPIS28;SPIS28		0.183669		0.0683203		0.8094		2.85094		0.232523		0.512268		-1.9531		0.503536		0.503536		1.06415		0.153554		0.387187		2.381187		0.538248		0.7256611		-1.37954		0.3234446		0.592745		-1.68707		0.626384		1.04853		1.04853		0.0497095		3.151599		3.151599		0.440376		1.49707		1.49707		0.92942		0.816313		3.70226	1
2160513282	TMEM14E;MBNL1;MBNL1;MBNL1		0.183669		0.266042		2.6682		2.6682		0.891604		0.918059		-1.08925		0.524505		0.667383		-1.49839		0.133446		2.75931		2.75931		0.424994		1.6667		1.6667		0.240973		2.13626		2.13626		0.0613472		3.75342		3.75342		0.0182737		6.02612		6.02612		0.308322		1.93703		1.93703	1.92942	12.0139	5.53486	1
2160520510	NOV		0.183669		0.6678797		0.301648		-3.31512		0.47207		0.651372		-1.53522		0.205923		0.41725		-2.18574		0.404158		0.606373		-1.64915		0.253742		0.497306		-2.01084		0.341202		0.562823		-1.77676		0.052167		0.274056		-3.64889		0.193562		0.178949		-5.58819		0.183654		0.437496		-2.28574		1.92942		10.4952		4.83518	1
2143489139	AP2A2		0.183675		0.895631		1.08279		1.08279		0.0123985		6.59574		6.59574		0.0269167		4.89512		4.89512		0.29665		1.92669		1.92669		0.819133		1.14891		1.14891		0.337803		1.82007		1.82007		0.437109		1.61678		1.61678		0.491246		1.52764		1.52764		0.977736		1.01706		1.01706	1.92939	11.224	5.17102	1
2160366607	FAM20C		0.183677		0.906403		1.10318		1.10318		0.0760482		0.2267		4.41126		0.0026906		0.12858		7.78126		0.0002825		0.12898		7.75492		0.0002825		0.11551		1.50216		1.50216		0.343613		0.794123		-1.25925		0.7297853		0.919364		-1.08771		0.6368661		1.11888		1.11888		0.29238		1.70097		0.785062	1
2160329615	IGSF11;IGSF11		0.183658		0.438425		0.729459		-1.37088		0.945773		1.02752		1.02068		0.160268		1.81456		1.81456		0.282442		1.56173		1.56173		0.738316		-1.73819		0.8149992		0.462702		-2.16122		0.086606		0.469787		-2.12682		0.280842		1.56423		1.56423		0.910948		0.886815		2.2427	1
2160490421	PIKAA1A;PIKAR1A;PIKAR1A		0.183664		7		7		7		1.440951		0.195034		-1.15026		0.9221923		0.904938		-1.65505		0.0222722		0.0509739		-19.6512		7		7		7		0.591201		1.691		1.691		0.764431		-1.92857		0.1733		2.02826		10.3493		2
2160909851	AKAP1		0.183665		0.627836		0.906223		-1.10348		0.00697493		0.494861		-2.02077		0.448872		0.84344		-1.18562		0.919159		1.02068		1.02068		0.298768		0.804856		-1.24246		0.202201		0.762296		-1.31183		0.930234		0.982504		-1.01781		0.3614572		1.20815		1.20815		0.6405666		0.909566		-1.09942		1.92944		1.24161		0.572009	1
2160655475	SPTBN4		0.183667		0.223269		1.96624		1.96624		0.502310		1.43295		1.43295		0.152897		2.21869		2.21869		0.815975		1.13108		1.13108		0.0104695		2.52207		2.52207		0.598009		1.32463		1.32463		0.129943		0.529797		1.59848		1.59848		0.210506		0.1410455		2.5057		2.5057		0.598009		1.32463		1.32463		0.529943		0.530385		3.93016	1
2160432265	SPIS28;SPIS28		0.183669		0.0683203		0.8094		2.85094		0.232523		0.512268		-1.9531		0.503536		0.503536		1.06415		0.153554		0.387187		2.381187		0.538248		0.7256611		-1.37954		0.3234446		0.592745		-1.68707		0.626384		1.04853		1.04853		0.0497095		3.151599		3.151599		0.440376		1.49707		1.49707		0.92942		0.816313		3.70226	1
2160513282	TMEM14E;MBNL1;MBNL1;MBNL1		0.183669		0.266042		2.6682		2.6682		0.891604		0.918059		-1.08925		0.524505		0.667383		-1.49839		0.133446		2.75931		2.75931		0.424994		1.6667		1.6667		0.240973		2.13626		2.13626		0.0613472		3.75342		3.75342		0.0182737		6.02612		6.02612		0.308322		1.93703		1.93703	1.92942	12.0139	5.53486	1
2160520510	NOV		0.183669		0.6678797		0.301648		-3.31512		0.47207		0.651372		-1.53522		0.205923		0.41725		-2.18574		0.404158		0.606373		-1.64915		0.253742		0.497306		-2.01084		0.341202		0.562823		-1.77676		0.052167		0.274056		-3.64889		0.193562		0.178949		-5.58819		0.183654		0.437496		-2.28574		1.92942		10.4952		4.83518	1
2143489139	AP2A2		0.183675		0.895631		1.08279		1.08279		0.0123985		6.59574		6.59574		0.0269167		4.89512		4.89512		0.29665		1.92669		1.92669		0.819133		1.14891		1.14891		0.337803		1.82007		1.82007		0.437109		1.61678		1.61678		0.491246		1.52764		1.52764		0.977736		1.01706		1.01706	1.92939	11.224	5.17102	1
2160366607	FAM20C		0.183677		0.906403		1.10318		1.10318		0.0760482		0.2267		4.41126		0.0026906		0.12858		7.78126		0.0002825		0.12898		7.75492		0.0002825		0.11551		1.50216		1.50216		0.343613		0.794123		-1.25925		0.7297853		0.919364		-1.08771		0.6368661		1.11888		1.11888		0.29238		1.70097		0.785062	1
2160329615	IGSF11;IGSF11		0.183658		0.438425		0.729459		-1.37088		0.945773		1.02752		1.02068		0.160268		1.81456		1.81456		0.282442		1.56173		1.56173		0.738316		-1.73819		0.8149992		0.462702		-2.16122		0.086606		0.469787		-2.12682		0.280842		1.56423		1.56423		0.910948		0.886815		2.2427	1
2160490421	PIKAA1A;PIKAR1A;PIKAR1A		0.183664		7		7		7		1.440951		0.195034		-1.15026		0.9221923		0.904938		-1.65505		0.0222722		0.0509739		-19.6512		7		7		7		0.591201		1.691		1.691		0.764431		-1.92857		0.1733		2.02826		10.3493		2
2160909851	AKAP1		0.183665		0.627836		0.906223		-1.10348		0.00697493		0.494861		-2.02077		0.448872		0.84344		-1.18562		0.919159		1.02068		1.02068		0.298768		0.804856		-1.24246		0.202201		0.762296		-1.31183		0.930234		0.982504		-1.01781		0.3614572		1.20815		1.20815		0.6405666		0.909566		-1.09942		1.92944		1.24161		0.572009	1
2160655475	SPTBN4		0.183667		0.223269		1.96624		1.96624		0.502310		1.43295		1.43295		0.152897		2.21869		2.21869		0.815975		1.13108		1.13108		0.0104695		2.52207		2.52207		0.598009		1.32463		1.32463		0.129943		0.529797		1.59848		1.59848		0.210506		0.1410455		2.5057		2.5057		0.598009		1.32463		1.32463		0.529943		0.530385		3.93016	1
2160432265	SPIS28;SPIS28		0.183669		0.0683203		0.8094		2.85094		0.232523		0.512268		-1.9531		0.503536		0.503536		1.06415		0.153554		0.387187		2.381187		0.538248		0.7256611		-1.37954		0.3234446		0.592745		-1.68707		0.626384		1.04853		1.04853		0.0497095		3.151599		3.151599		0.440376		1.49707		1.49707		0.92942		0.816313		3.70226	1
2160513282	TMEM14E;MBNL1;MBNL1;MBNL1		0.183669		0.266042		2.6682		2.6682		0.891604		0.918059		-1.08925		0.524505		0.667383		-1.49839		0.133446		2.75931		2.75931		0.424994		1.6667		1.6667		0.240973		2.13626		2.13626		0.0613472		3.75342		3.75342		0.0182737		6.02612		6.02612		0.308322		1.93703		1.93703	1.92942	12.0139	5.53486	1
2143244	PLEKHH5;PLEKHH5;PLEKHG5		0.183699		0.6490043		0.708058		-1.41231		0.120959		0.755738		-1.32321		0.607471		0.917327		-1.09012		0.676327		0.932466		-1.07243		0.452568		1.13592		1.13592		0.892728		1.02272		1.02272		0.0671094		1.40743		1.40743		0.116621		0.752814		-1.32835		0.615612		0.919148		-1.08796	1.92926	0.847477	0.390467	1
2160673194	AGAP1;AGAP1		0.183702		0.724528		0.756584		-1.32173		0.0094022		0.0745992		-13.405		0.101251		4.11518		4.11518		0.99294		1.007		1.007		0.815376		0.831661		-1.20249		0.803287		0.821388		-1.21745		0.508309		1.69728		1.69728		0.763195		0.788035		-1.26898		0.713095		0.747405		-1.33796	1.92924	18.9896	8.74936	1
2160140740	TBC1D9B;TBC1D9B		0.183709		0.0731427		1.386028		1.386028		0.0045165		0.2426		4.12257		0.0013761		0.13276		7.5311		0.0013761		0.13276		7.5311		0.0013761		0.13276		7.5311

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. 047 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. 127 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1217 vs. 247 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(4771 vs. N)	Fold-Change(1 vs.4771)	p-value(3537 vs. 537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. 637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error
ogi2239862	SUSD5		0.183986		0.14014	0.629954	-1.59756	0.07798091	0.56339	-1.77497	0.62097	1.15849	1.15849	0.1189	0.606882	-1.64777	0.184747	0.660215	-1.51466		0.45064	0.797028	-1.25466	0.0133782	0.481119	-2.07849	0.07438339	0.556123	-1.78816	0.828868	0.938106	-1.06598	1.92773	2.60978	1.22644	1
ogi13812971	APBB2;APBB2;APBB2		0.183987		0.138976	0.329125	-3.03836	0.0313743	0.71773	-5.82308	0.0816055	0.260073	-3.84509	0.669979	1.34871	1.34871	0.113774	0.300998	-3.32228		0.373871	0.5289	-1.89072	0.388704	0.539866	-1.85231	0.3084	0.208686	0.086586	0.656512	0.753429	-1.32727	1.92773	14.8662	6.85492	1
ogi12900790	PTPN22;PTPN22		0.183989		0.13731	0.463626	-2.15691	0.709159	0.835305	-1.19717	0.124829	0.450208	-2.2212	0.8845581	0.39998	-2.50013	0.0338221	0.304155	-3.2878		0.182182	0.506572	-1.97405	0.0423341	0.325248	-3.07457	0.150486	0.477005	-2.09641	0.384209	0.651457	-1.53502	1.92771	7.0434	3.24779	1
ogi13892647	POLR1E		0.183990		0.018374	0.715716	-1.3972	0.968739	1.00459	1.00459	0.7273375	1.04177	1.04177	0.4602113	1.091881	1.09188	0.2203	0.860195	-1.1626		0.339358	0.890491	-1.12298	0.0406743	0.758601	-1.31822	0.635996	0.945787	-1.05732	0.485164	0.920423	-1.08646	1.92771	0.417263	0.192405	1
ogi2825233	UBE2F		0.18399		0.867702	1.02271	1.02271	0.0398088	1.37734	1.37734	0.180066	1.2114	1.2114	0.598662	1.07417	1.07417	0.0760062	0.766452	-1.30471		0.553851	1.0401	1.0401	0.196805	1.201881	1.67283	0.0163981	0.863098	-1.15862	1.92771	0.554022	0.255466	1
ogi2523429	E2F;E2R		0.183992		0.307937	0.498262	-2.09068	0.974617	1.01683	1.01683	0.641852	1.27859	1.27859	0.469391	1.47136	1.47136	0.100013	0.388446	-2.57436		0.352283	0.605187	-1.65238	0.271437	0.548432	-1.82338	0.0294102	0.38416	3.8416	0.701128	1.22426	1.22426	1.9277	8.40453	3.87545	1
ogi9095970	ADCK4;ADCK4;ITPKC		0.183992		0.352461	0.862643	-1.15923	0.2455111	1.20632	1.20632	0.967458	0.99372	-1.00632	0.986452	1.14694	1.14694	0.874559	1.0247	1.0247		0.962265	0.992721	-1.00733	0.00994558	0.604862	-1.65327	0.539831	1.10059	1.10059	0.485032	1.11579	1.11579	1.9277	0.728028	0.335704	1
ogi2010485	TNP1		0.183994		0.864521	0.95375	-1.04849	0.747633	1.14138	1.14138	0.146158	1.2454454	1.24681	1.24681	1.09466	1.09466	0.127744	1.231744	0.4318355	0.822808	-1.21535		0.63475	0.889704	-1.1237	0.0094759	1.23704	2.27204	0.727596	0.917383	-1.09006	0.878565	0.963351	-1.03804	1.92769	1.82865	0.899534	1
ogi6604249	ABAT;ABAT;ABAT;ABAT		0.183996		0.461322	0.641684	-1.5584	0.0312389	0.224197	-4.46037	0.098323	0.342114	-2.92278	0.58323	1.48744	1.48744	0.134427	0.384881	-2.5982		0.162648	0.414054	-2.41514	0.0970887	0.340532	-2.93618	0.131771	0.383974	-2.60758	0.977312	0.937513	-1.06665	1.92768	10.6844	4.92679	1
ogi2974329	AFAP1;AFAP1		0.184003		0.0842845	0.701345	-1.42583	0.82875	1.04106	1.04106	0.236373	1.25919	1.25919	0.175379	0.765153	-1.30693	0.868755	1.0312	1.0312		0.0976122	1.40161	1.40161	0.0877598	0.704653	-1.41914	0.797509	1.04892	1.04892	0.50809	1.13283	1.13283	1.92764	1.05338	0.485744	1
ogi1668130	ZNF642		0.184005		0.315171	1.24867	1.24867	0.2138997	1.12727	1.12727	0.0134689	0.745056	-1.34218	0.2794159	0.646275	-1.54776	0.0210317	1.029197	1.029197	0.0248189	0.696214	-1.43634	0.0833283	1.07749	-1.42501	0.0123323	1.286361	1.286361	0.108334	0.468776	1
ogi7159093	SPATS2;SPATS2L;SPATS2L;SPATS2L;SP		0.184009		0.0234227	0.348438	-2.86995	0.575868	1.24615	1.24615	0.112074	1.9634	1.9614	0.657601	0.849454	-1.17723	0.101847	0.497952	-2.00823		0.737817	0.877387	-1.13975	0.936048	0.960238	-1.03174	0.898668	1.05086	1.05086	0.401178	1.39734	1.39734	1.92761	4.63812	2.13419	1
ogi13639901	RBM33		0.18401		0.36697	1.43173	1.43173	0.212243	1.66329	1.66329	0.569972	0.800657	-1.24897	0.420198	0.726945	-1.37562	0.736256	1.13986	1.13986		0.90908	0.956727	-1.04523	0.0503659	2.372	2.372	0.0352054	2.58545	2.58545	0.29754	0.65824	-1.5192	1.9276	4.57776	2.11098	1
ogi7622001	IL12B		0.184014		0.119776	0.401565	-2.49026	0.0951243	0.371102	-2.69468	0.382729	1.62233	1.62233	0.284105	0.54799	-1.82485	0.0931232	0.368427	-2.71424		0.456231	0.663533	-1.50708	0.0489679	0.2966625	-3.37081	0.244185	0.517575	-1.93209	0.0913292	0.365999	-2.73224	1.92758	8.92011	4.11344	1
ogi5091405	C7orf68;C7orf68		0.184015		0.661574	0.929171	-1.07607	0.4188257	1.15279	1.15279	0.122753	1.3278	1.3278	0.640656	1.09394	1.09394	0.675418	1.07508	1.07508		0.648385	0.924107	-1.08213	0.152897	0.737674	-1.35561	0.0924973	1.47825	1.47825	0.0727027	0.90227	-1.10855	0.440676	1
ogi2687675	FAM38A		0.184017		0.657019	1.18426	1.18426	0.968077	0.98497	-1.01526	0.540007	1.26463	1.26463	0.445542	1.34217	1.34217	0.00888936	0.283674	-3.52517		0.288373	0.658947	-1.51757	0.974612	0.988029	-1.01212	0.554471	1.2539	1.2539	0.359331	1.42857	1.42857	1.92756	4.37207	2.01616	1
ogi5216056	TRIM27		0.184021		0.970882	1.00955	1.00955	0.379142	0.472816	-2.11499	0.935392	0.979114	-1.02133	0.818314	1.06335	1.06335	0.456235	1.21841	1.21841		0.995369	1.00158	1.00158	0.0700058	1.69455	1.69455	0.514608	1.18769	1.18769	0.238142	0.750434	-1.33256	1.92755	2.60922	0.954221	1
ogi2074266	C5orf51		0.184023		0.0106829	0.54738	1.82704	0.38542	1.15391	1.15391	0.107022	1.26997	1.26997	0.3919449	1.12652	1.12652	0.554519	1.0853	1.0853		0.212071	1.10548	1.10548	0.577861	0.926479	-1.07935	0.970431	0.994678	-1.00505	0.166271	1.22202	1.22202	1.92755	0.563258	0.259747	1
ogi3082190	DAR5		0.184024		0.55646	1.0684	1.0684	0.267635	1.13705	1.13705	0.848045	1.02157	1.02157	0.0915626	1.22954	1.22954	0.302139	1.1262	1.1262		0.0776232	0.804001	-1.24378	0.29427	0.886039	-1.12862	0.687148	0.955968	-1.04606	0.0797366	1.24146	1.24146	1.92753	0.377671	0.174165	1
ogi0039177	UTA;CUTA;CUTA		0.184024		0.537801	0.877464	-1.13965	0.602253	0.895678	-1.11647	0.792455	1.05681	1.05681	0.142	0.718357	-1.39207	0.260961	0.782195	-1.27845		0.676754	0.9159	-1.09182	0.0070486	0.482013	-2.07463	0.526913	1.14377	1.14377	0.433299	0.845744	-1.18239	1.92752	1.34026	0.618069	1
ogi1098976	SEPT10;AMBP;ISET;SEPT10		0.184026		0.348634	1.24644	1.24644	0.0108627	1.26406	1.26406	0.189	1.25483	1.25483	0.0842448	0.8925986	-1.12034	0.0474227	0.195355	-3.19335	0.0975232	1.00711	1.00711	0.0497251	1.11511	-1.11511	0.0972954	0.8687298	-1.14559	0.782351	1.19102	0.733713	1
ogi9539395	ACSM3;ERI2;ACSM3		0.184027		0.3761	0.779442	-1.28297	0.6605657	0.559639	-1.78687	0.281355	0.735545	-1.35954	0.100195	0.610127	-1.639	0.0791172	0.5858	1.70707		0.031138	0.499615	-2.00154	0.605422	1.15369	1.15369	0.493405	0.826292	-1.21023	0.196527	0.687561	-1.45442	1.92751	2.2973	1.05942	1
ogi0663575	DNAIC1		0.184028		0.0225256	0.289785	-3.45083	0.250635	0.580329	-1.72316	0.341041	0.640979	-1.56011	0.28436	0.604024	-1.65556	0.493038	0.729166	-1.37105		0.244833	0.09289	-10.9589	0.0251268	0.298946	-3.34508	0.785295	1.13178	1.13178	0.81447	1.11245	1.11245	1.92751	6.27315	2.89293	1
ogi2535354	MIR548H2;CNTNAP2		0.184028		0.0217104	0.83167	-1.3563	0.8913	0.92745	-1.07867	0.448257	0.4727	-2.11597	0.0178	0.356	-2.80811	0.0004	0.2809	-3.56073		0.313423	0.707929	-1.28253	0.1502	0.2989	-3.34477	0.0172	0.1644	6.08452	1.00601	0.0001	1.81042	1.92751	0.834893	0.433	1
ogi12125780	SLAMF8		0.184029		0.278217	0.549564	-1.81963	1.094785	2.07124	2.07124	0.410412	0.639595	-1.56349	0.955002	1.09041	1.09041	0.0151998	0.205346	-4.86984		0.977333	1.0152	1.0152	0.169356	0.459652	-2.17556	0.174504	0.464482	-2.15294	0.496166	0.692912	-1.44318	1.9275	1.42857	1.92756	4.37207	2.01616	1
ogi4075024	PPP1CA;PPP1CA;PPP1CA		0.184048		0.0208488	0.291279	-3.43313	0.777307	0.44573	-2.2435	0.0775183	0.57757	1.60757	0.0844755	0.44144	1.44144	0.0068893	0.381566	-2.62078		0.865001	0.922297	-1.08425	0.124954	0.449506	-2.22467	0.0187884	0.97019	-1.31455	0.396539	0.661858	-1.51118	1.92747	6.89811	3.18318	1
ogi5339633	MAPED1		0.184036		0.70971	1.34016	1.34016	0.0319553	2.15575	2.15575	0.163815	1.35183	1.35183	0.3201	1.20101	1.20101	0.902924	0.908878	-1.10026	0.274876	2.43406	2.43406	0.269961	1.19696	1.19696	0.144006	1.31406	1.31406	0.926746	1.14406	1.14406	3.14406	0.926746	1
ogi6423425	LFNG		0.184036		0.908658	1.0947	1.0947	0.202062	0.345801	-2.89183	0.0267656	0.126347	-7.91473	0.732283	1.31089	1.31089	0.107265	0.250092	-3.99853		0.321732	0.446181	-2.24124	0.0492115	0.170367	-5.86968	0.154114	0.300364	-3.3293	0.968717	0.969556	-1.0314	0.92746	18.9723	8.74948	1
ogi3109442	HYAL2;HYAL2;HYAL2		0.184039		0.887314	1.07241	1.07241	0.0135239	0.859998	-1.16258	0.108	0.743893	-1.34482	0.0136731	0.511105	-1.95697	0.0023182	-1.28001	0.636771		0.913313	0.9744	-1.02632	0.0206599	0.754045	-1.32612	0.0250104	0.602054	-1.66055	0.0145929	1.18626	1.18626	1.0708	1.92739	1.11491	0.514169	1
ogi5756622	C20orf166;C20orf200		0.184041		0.0813751	2.19972	2.19972	0.192197	1.75647	1.75647	0.346892	1.48246	1.48246	0.82371	1.48246	1.48246	0.842841	1.48246	0.82371		0.219441	1.6938	1.6938	0.180904	0.560064	-1.78551	0.2423	1.64769	1.64769	0.268348	1.59989	1.59989	1.92743	5.08334	2.34432	1
ogi0016122	FAM36C1		0.184042		0.0429561	0.3988	-2.50703	0.0662377	0.250479	-3.99307	0.0233164	0.126531	-7.90116	0.0133	0.1393	1.1393	0.0063233	0.08317	-12.0231		0.0109984	0.064558	-2.2955	0.0178171	0.0403303	-5.58668	0.0178171	0.0403303	-2.47633	0.0729425	0.178457	-2.16945	1.92743	0.5699	0.296079	1
ogi2055305	CPSF1;MIR1234		0.184045		0.51708	0.753759	-1.32668	0.0716318	0.420769	-2.3766	0.154809	0.519272	-1.92577	0.97206	1.01519	1.01519	0.117092	0.480648	-2.08053		0.0299812	0.333274	-3.00054	0.0532269	0.388612	-2.57326	0.862652	1.07737	1.07737	0.506245	0.74808	-1.33675	1.92741	5.65374	2.6074	1
ogi0497256	FGF19		0.184046		0.166269	0.454833	-2.19861	0.0158829	0.206711	-4.83767	0.0626085	0.326827	-3.05972	0.748991	1.18689	1.18689	0.640671	1.28518	1.28518		0.722171	0.826508	-1.20991	0.481509	1.46499	1.46499	0.849247	0.903426	-1.1069	0.898707	1.07033	1.07033	1.92741	8.69542	4.01019	1
ogi0544921	UCP1		0.184054		0.0366103	0.3163	-3.1626	0.0911	0.42727	-2.3402	0.0144	0.4727	-2.11597	0.0178	0.3569	-2.80811	0.0004	0.2809	-3.56073		0.313423	0.707929	-1.28253	0.1502	0.2989	-3.34477	0.0172	0.1644	6.08452	1.00601	0.0001	1.81042	1.92741	0.834893	0.433	1
ogi0847371	DIS3L2		0.184055		0.11282	0.205062	-4.87658	0.0336082	0.102444	-9.76144	0.0515173	0.130714	-7.6503	0.665494	0.670782	-1.4908	0.391532	0.446688	-2.2387		0.446883	0.490813	-2.03744	0.256894	0.33747	-2.96323	0.238216	0.31839	3.01839	0.920615	1.09583	1.09583	1.92736	25.7241	11.8638	1
ogi0836468	PRMT10		0.184056		0.793265	1.07636	1.07636	0.143745	1.2655	1.2655	0.0778	0.986462	-1.01372	0.956403	0.986462	-1.01372	0.956403	0.986462	-1.01372	0.956403	1.27596	1.27596		0.651288	0.139975	-7.14294	0.0134266	1.44194	1.44194	0.0160318	0.660688	-1.51418	0.0422765	1.27596	1.27596	1.92741	2.71421	1.33276	1
ogi0172074	WWC2		0.184056		0.092005	1.00307	1.00307	0.200787	0.661775	-1.51109	0.489416	1.23929	1.23929	0.756542	0.909362	-1.09967	0.363568	1.35356	1.35356		0.765756	0.912758	-1.09558	0.0100104	0.370313	-2.70042	0.336937	1.3532	1.3532	0.874521	0.952863	-1.04947	1.92736	1.84935	1.31411	1
ogi1749198?	TACC1;TACC1;TACC1		0.184057		0.074979	0.256294	-3.90177	0.797646	0.838286	-1.19291	0.745603	0.799713	-1.25045	0.321873	0.495296	-2.01899	0.0592234	0.231705	-4.31582		0.210281	0.403986	-2.47533	0.0269878	0.165625	-6.03775	0.0704877	0.249602	-4.00637	0.228774	0.420142	-2.38015	1.92735	14.3879	6.63568	1
ogi1202825	AQP5		0.184061		0.114903	0.2886	-3.46492	0.0313177	0.0852245	-11.7332	0.0145764	0.258953	-3.86293	0.0178	0.1822	-5.48907	0.0002	0.2809	-3.56073		0.802307	1.14337	1.14337	0.387608	0.623168	-1.6047	0.318311	0.576328	-1.73512	0.0912471	0.370322	-2.70035	1.92735	0.401546	0.215	1
ogi2539247	CENPL;CENPL;CENPL;DAR52;CEN		0.184063		0.921321	1.00871	1.00871	0.309476	0.911799	-1.09673	0.229646	1.11701	1.11701	0.889784	0.987901	-1.01225	0.933242	1.2442	1.2442		0.641329	0.959649	-1.04205	0.942569	1.06035	1.06035	0.463637	0.832346	-1.20142	0.282894	1.10292	1.10292	1.92732	0.235265	0.108505	1
ogi4075096	SYI6		0.184065		0.782817	0.924661	-1.08148	0.0287545	2.07747	2.07747	0.668811	0.885159	-1.12974	0.853734	0.949031	-1.05371	0.0426181	0.515977	-1.93807		0.282774	0.728785	-1.37215	0.595699	0.85916	-1.16393	0.26076	0.717136	-1.39444	0.637801	0.874223	-1.14387	1.92731	2.4528	1.13125	1
ogi7107970	C17orf70;C17orf70		0.184065		0.096014	0.710717	-1.40756	0.0195	0.108746	1.08586	0.0196	0.149058	-6.70849	0.0178	0.1822	-5.48907	0.0002	0.2809	-3.56073		0.381277	0.509415	-1.96304	0.0663443	0.212527	-4.70528	0.0505554	0.187237	-5.34112	0.180732	0.143879	-2.908	1.92731	17.2199	7.94035	1
ogi1209679	ETS1;ETS1		0.184067		0.290512	0.532749	-1.87706	0.12766	1.57264	1.57424	0.0915066	0.290584	-3.80707	0.0937	0.8902045	-1.12329	0.211668	0.4698565	-2.12827		0.385569	0.601101	-1.66336	0.0648269	0.304102	-3.28573	0.142483	0.372423	1.13353	1.13353	1.9273	10.0586	4.63914	1
ogi0767152	MAD11;MAD11;MAD11		0.184071		0.0656606	0.703524	-1.42142	0.458142	0.879319	-1.13724	0.627907	1.0867	1.0867	0.394408	1.16009	1.16009	0.802482	0.958232	-1.04359		0.243095	1.23173	1.23173	0.0795376	1.39277	1.39277	0.426061	0.870787	-1.14839	0.118105	0.749118	-1.3349	1.92728	0.884548	0.407967	1
ogi1734764	LRRWC1		0.184073		0.492559	0.68004	-1.47059	0.0846654	1.13183	1.13183	0.0885	1.28464	1.28464	0.170624	1.12755	1.12755	0.420037	1.0645	-1.16598		0.466544	1.14096	1.14096	0.0890195	0.180915	-5.52345	0.270404	0.553344	-1.80739	0.383287	0.630606	-1.58578	1.92726	0.81826	0.74429	1
ogi1703160?	PPM1G;PPM1G;PPM1G		0.184081		0.0458715	0.917056	-1.09045	0.557779	0.937167	-1.06705	0.985403	1.0021	1.0021	0.69873	0.956239	-1.04576	0.581621	1.06597	1.06597		0.834057	0.976206	-1.02437	0.203422	0.725407	-1.37854	0.669753	1.05048	1.05048	0.043751	1.30483	1.30483	1.92722	2.402183	0.185498	1
ogi0048807	MIDN		0.184083		0.927357	0.980753	-1.01941	0.326965	0.807859	-1.23784	0.273738	0.786515	-1.27143	0.873138	1.09421	1.09421	0.0924	0.999201	-1.0008		0.0539263	1.58622	1.58622	0.0338836	1.74635	1.74635	0.423151	0.841565	-1.18826	0.754328	1.06843	1.06843	1.92722	1.35601	0.625842	1
ogi0942762	SCN3A;SCN3A		0.184084		0.668764	1.897894	-1.1172	0.0121873	0.45784	-2.18513	0.0241765	0.125745	-7.95464	0.0178	0.1822	-5.48907	0.0002	0.2809	-3.56073		0.8463	0.955653	-1.04641	0.296456	0.31114	-3.21134	0.117782	0.653732	-1.52968	0.660137	0.805179	-1.1171	1.92721	1.91134	0.881569	1
ogi1596523	SPTBN2		0.184086		0.018652	0.64057	1.64057	0.429872	1.15015	1.15015	0.967168	1.00717	1.00717	0.380327	0.855362	-1.1691	0.574542	1.10322	1.10322		0.206285	1.26041	1.26041	0.0608014	1.4433	1.4433	0.82264	1.03975	1.03975	0.438424	0.871786	-1.14707	1.9272	0.919942	0.424308	1
ogi0314709	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G		0.184086		0.770567	0.962408	-1.03906	0.254281	1.1688	1.1688	0.352818	1.13346	1.13346	0.756788	1.04155	1.04155	0.206872	1.19056	1.19056		0.0500653	1.34011	1.34011	0.0482692	0.743992	-1.3441	0.227637	1.18051	1.18051	0.699375	1.05216	1.05216	1.9272	0.524031	0.241701	1
ogi2513214	SPXN4		0.184088		0.106179	0.306542	-3.26219	0.0398163	0.203405	-4.91631	0.21458	0.416636	-2.40018	0.871294	1.11478	1.11478	0.581165	0.688389	-1.45267		0.330948	0.510568	-1.9586	0.0413412	0.206613	-4.83997	0.298648	0.20587	2.05837	0.777089	0.826786	-1.2095	1.92718	13.7066	6.32199	1
ogi0633963	PDP6;PDP6		0.184091		0.258747	0.644228	-1.55207	0.0894654	0.657342	-1.52058	0.0844755	0.458518	-2.18166	0.0178	0.1822	-5.48907	0.0002	0.2809	-3.56073		0.70464	0.94816	-1.05481	0.298986	0.513737	-1.94637	0.0923611	0.453565	-2.20496	0.0908195	0.180915	-5.52345	0.270404	0.553344	-1.80739	0.383287	0.630606	-1.58578	1.92726	0.81826	0.74429	1
ogi1340153	SHANK2;SHANK2		0.184094		0.915303	1.03626	1.03626	0.455774	2.8882	2.8882	0.147552	0.595094	-1.68041	0.195901	0.633285	-1.57907	0.361486	0.494665	-2.02157		0.420511	1.3638	1.3638	0.070962	1.96386	1.96386	0.412916	0.756081	-1.32261	0.591302	0.834392	-1.19848	1.92716	3.4053	1.57068	1
ogi2100459	CD24P		0.184097		0.0905	0.0055	-181.818	0.0055	0.0055	-181.818	0.0055	0.0055	-181.818	0.0055	0.0055	-181.818	0.0055	0.0055	-181.818		0.270316	0.0055	-181.818	0.0055	0.0055	-181.818	0.0055	0.0055	-181.818	0.0055	0.0055	-181.818	1.92716	0.92549	0.480153	1
ogi0586537	FAM65A		0.184103		0.2122	1.49533	1.49537	0.384716	0.994152	-1.00588	0.369052	1.32642	1.32642	0.23344	1.466	1.466	0.422635	0.778181	1.28505		0.291709	1.39794	1.39794	0.0355203	0.472633	-2.11581	0.130004	0.65004	1.65004	0.381421	1.31638	1.31638	1.92711	2.86167	1.31996	1
ogi1190447	MIR196A2		0.184104		0.671985	1.898953	-1.11241	0.848064	1.04914	1.04914	0.709496	1.09812	1.09812	0.155884	1.46189	1.46189	0.893978	0.967169	-1.03395		0.0160207	2.00046	2.00046	0.217245	0.722746	-1.38361	0.177055	1.4317	1.4317	0.522873	0.850473	-1.17582	1.9271	1.90933	0.880689	1
ogi4013618	GAK		0.184104		0.304491	1.3766	1.3766	0.103512	1.58558	1.58558	-1.70771	1.301095	1.30095	0.724679	-1.37955	0.429421	1.784713	-1.24975	0.0924653	1.74462	1.74462	0.0244373	1.84053	1.84053	0.0231481	1.6252	1.652	1.652	0.555774	1.19613	1.19613	1.9271	2.57309	1.27173	1
ogi1280934	ZNF445		0.184104		0.48527	0.84465	-1.18392	0.12747	1.48052	1.48052	0.349893	1.25746	1.25746	0.121136	0.670387	-1.49168	0.794535	0.939754	-1.06411		0.391766	1.23233	1.23233	0.401732	0.815191	-1.22671	0.136451	1.46519	1.46519	0.0650474	1.63757	1.63757	1.9271	1.73008	0.798011	1
ogi0113208	CUL1		0.184105		0.960886	1.01031	1.01031	0.901924	1.01151	1.01151	0.955177	0.988468	-1.01167	0.757911	0.9649	-1.03423	0.0127467	0.40064	1.40064		0.588076	1.06134	1.06134	0.633849	0.916832	-1.09071	0.0533733	1.2702	1.2702	0.170308	0.760765	1.16869	1
ogi0175910	DENND3		0.184111		0.0964949	0.650338	-1.53766	0.343643	0.77445	-1.25873	0.58262	1.13981	1.13981	0.386366	1.2329	1.2329	0.0743174	0.492806	2.0292		0.452468	1.19778	1.19778	0.800799	0.942131	-1.06142	0.40153	0.81673	-1.22439	0.474153	0.842292	-1.18724	1.92706	1.69671	0.782636	1
ogi2385101	S100A16		0.184119		0.62179	1.23094	1.23094	0.0132114	3.6091	3.6091	0.0945295	2.15531	2.15531	0.472636	1.35693	1.35693	0.395231	0.695007	-1.43883		0.545637	1.29118	1.29118	0.0940767	2.15803	2.15803	0.37977	1.45716	1.45716	0.408103	1.42414	1.42414	1.92702	5.32885	2.45807	1
ogi0449456	PRDM16;PRDM16		0.184119		0.123924	0.162829	-6.14167	0.0185	0.102859	-9.72145	0.0284757	0.123523	-8.09375	-1.87785	0.111887	0.151

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg01166044	TEX2	0.184305	0.190718	0.70574	0.188773	0.6633922	0.183924	2.60468	0.616407	0.7592255	1.26063	0.62227	0.796359	-1.25571	0.0772402	0.406232	-2.46165	0.0900583	0.424549	-2.33544	0.0907836	0.425531	-2.35	0.0203388	0.938199	-3.24466	0.402727	0.67524	1.408095	1.92603	0.41453	2.96039	1
cg01879898	FBXO36;TRIP12	0.184306	0.530418	0.916049	-1.09164	0.135139	1.25154	1.25154	0.0750344	1.32	1.32	0.341473	0.873197	-1.14522	0.0745143	1.27793	1.27793	0.458052	0.900919	-1.10998	0.989557	1.0018	1.0018	0.198237	1.20785	1.20785	0.0887525	1.30019	1.30019	0.210728	0.591722	0.228653	1
cg02734358	GPHN3	0.184308	0.359192	0.434562	-2.30117	0.021197	11.5799	11.5799	0.365065	2.27669	2.27669	0.156408	0.261796	-3.81977	0.970915	1.03276	1.03276	0.820321	1.22276	1.22276	0.620854	0.643539	-1.55391	0.847347	1.18574	1.18574	0.135	0.240656	-4.15531	1.92602	23.8376	11.0014	1
cg25102842	RASA3	0.184309	0.841122	1.08004	1.08004	0.2247137	0.329775	-3.11551	0.179671	0.545798	-1.83238	0.682732	1.09082	1.10082	0.135198	0.504386	-1.98261	0.515057	0.753044	-1.32778	0.300247	0.6336098	-1.57804	0.108929	0.475734	-2.1021	0.300132	1.57822	1.57822	0.19201	5.50874	2.54238	1
cg02076731	CNR2	0.184309	0.636845	1.38764	0.2219956	6.63666	6.63666	0.0854027	3.76005	0.776746	0.82214	-1.22634	0.173944	0.369205	-2.70852	0.354215	1.92824	1.92824	0.282059	2.15995	0.233895	0.873845	1.11568	1.11568	0.92601	14.4759	6.6809	1
cg22868943	DPYSL4	0.184311	0.121456	0.567921	-1.76281	0.0484979	2.13726	2.13726	0.628353	1.17864	1.17864	0.427954	0.7613155	-1.31352	0.392436	1.34343	1.34343	0.62043	1.1832	1.1832	0.04434412	2.18705	2.18705	0.690556	1.44435	1.44435	0.6805885	0.8718869	1.44434	1.926	3.46357	1.59851	1
cg25737283	DIP2C;PRSS1/PRSS2	0.184312	0.649718	0.766345	-1.3049	0.829575	0.882086	-1.13368	0.150424	0.407719	-2.45267	0.0505503	3.65816	3.65816	0.61656	0.74539	-1.34158	0.0553257	3.54073	3.54073	0.134038	2.49965	2.49965	0.905627	0.933297	-1.07147	0.545258	1.42807	1.42807	1.926	10.334	4.76937	1
cg00101932	ARHGAP8;PRR5;PRR5;PRR5/PRR5	0.184312	0.208551	1.3194	1.3194	0.164811	0.733581	-1.36318	0.25811	0.781367	-1.27981	0.299656	1.25198	1.25198	0.109149	1.45393	1.45393	0.128082	1.708977	-1.41048	0.1484	0.723178	-1.38279	0.825836	0.95497	-1.04715	0.936868	0.983574	-1.0167	1.92599	1.33332	0.615358	1
cg10758530	WBP1;WBP1	0.184319	0.062306	0.661191	-1.51242	0.604397	0.902085	-1.10854	0.761772	1.06178	1.06178	0.0830833	0.685014	-1.45982	0.0339425	0.613774	-1.62926	0.257134	1.2626	1.2626	0.626447	1.10154	1.10154	0.64293	0.912062	-1.09642	0.72896	0.933716	-1.07099	1.92596	1.18571	0.547241	1
cg20484215	ESPN	0.184321	0.080751	1.13265	1.13265	0.324872	1.52923	1.52923	0.26505	0.816858	-8.41342	0.0207629	24.2295	1.2259	0.733835	0.552326	-1.34628	0.330236	1.161401	-6.19576	0.694741	0.488728	-2.04613	0.238855	9.38695	1.38695	0.0616944	45.6182	1.45182	0.125593	100.516	46.392	1
cg25236791	WDR82	0.184326	0.675176	0.777509	-1.28616	0.0172684	0.65142	0.65142	0.0801564	0.385146	3.18435	0.732693	0.584964	0.719028	-1.39077	0.418993	0.610736	0.610736	0.613736	-1.63769	0.916386	1.06472	1.06472	0.809498	0.865702	-1.15513	1.92592	10.8757	5.01957	1
cg14492142	ZNF592	0.184329	0.265377	0.8818382	-1.13265	0.180481	0.858394	-1.16497	0.534989	1.06979	1.06979	0.122968	0.855752	-1.19553	0.137152	0.842124	-1.18747	0.551944	1.09675	1.09675	0.842502	1.02117	1.02117	0.937966	1.2562	1.2562	0.400999	1.09678	1.09678	1.9239	0.3156523	0.162289	1
cg24296765	NSUN7	0.184335	0.204715	1.47345	1.47345	0.317445	1.34894	1.34894	0.0409356	1.98049	1.98049	0.0308915	2.08361	2.08361	0.916966	1.03067	1.03067	0.77046	0.918751	-1.08843	0.377704	0.769386	-1.29974	0.67125	0.883684	-1.13163	0.262881	1.40227	1.40227	1.9259	2.55888	1.13104	1
cg22346461	LAMC2;LAMC2	0.184331	0.141655	1.14257	1.14257	0.104541	0.63813	0.63813	0.287714	3.15442	3.15442	0.888884	1.15661	1.15661	0.11471	5.9615	5.9615	0.093978	0.8249	0.8249	0.60372	1.72459	1.72459	0.262768	15.3344	15.5344	0.0699003	8.24283	8.24283	1.92589	33.0384	15.2487	1
cg23145806	ICMT	0.184335	0.959647	1.00898	1.00898	0.643413	1.07491	1.07491	0.0142115	1.70613	1.70613	0.982041	1.00398	1.00398	0.51859	1.19253	1.19253	0.423796	1.152531	1.152531	0.392436	1.34343	1.34343	0.620041	1.1832	1.1832	0.04434412	2.18705	2.18705	0.690556	1.44435	1.44435	0.6805885	0.8718869	1.44434	1.926	3.46357	1.59851	1
cg26287152	TBC1D16	0.184337	0.38941	1.55641	1.55641	0.899315	1.0653	1.0653	0.559714	1.34342	1.34342	0.4911	0.704475	-1.4195	0.81423	1.12485	1.12485	0.30168	1.71189	1.71189	0.00860598	5.70534	5.70534	0.44648	0.677818	-1.47532	0.224492	1.90105	1.90105	2.0126	7.79109	3.0109	1
cg08336861	ZNF302;ZNF302	0.184346	0.552744	1.18353	1.18353	0.567328	1.09209	1.05209	0.262653	0.720218	-1.38847	0.358002	1.30423	1.30423	0.410927	1.26051	1.26051	0.556325	1.18199	1.18199	0.0163932	4.426256	-2.35695	0.973137	1.29366	1.29366	0.84779	0.775088	-1.29087	1.92581	2.40828	1.11158	1
cg22113065	C0L4A3BP;COL4A3BP;CO4A3BP	0.184346	0.0519023	0.5416666	-1.84615	0.179996	0.706664	-1.4151	0.576126	0.871343	-1.14765	0.72672	1.08932	1.08932	0.301441	0.770238	-1.2983	0.0475874	0.575525	-1.73755	0.213846	0.726771	-1.37595	0.735687	0.920706	-1.08612	0.0514717	0.582402	-1.71703	1.92581	1.83142	0.8370313	1
cg21056640	RANGAP1	0.184347	0.111791	0.541816	-1.84565	0.728732	0.884083	-1.13112	0.0719785	0.49128	-2.0355	0.368256	1.38685	1.38685	0.0571266	0.466902	-2.14178	0.859719	0.93932	-1.0646	0.809	0.917875	-1.08947	0.282255	1.48499	1.48499	0.117351	0.547766	-1.8256	1.92581	3.81937	1.7629	1
cg20640190	KRTAP10-11;C21orf29	0.184348	0.188413	1.77707	1.77707	0.2518052	0.808459	-2.1989	0.833583	1.03864	1.03864	0.615582	1.08537	1.08537	0.0253499	0.638384	-1.56581	0.376571	1.17758	1.17758	0.111515	1.36666	1.36666	0.641522	0.998196	-1.00817	0.491689	0.881738	-1.13412	1.9258	0.9995533	0.457198	1
cg22607751	CAHM2;CALHM2	0.184349	0.682335	0.794431	-1.25876	0.184103	2.19887	2.19887	0.296244	1.83248	1.83248	0.849473	1.1121	1.1121	0.00958775	0.159759	-6.25943	0.657785	1.28314	1.28314	0.728275	0.823076	-1.21496	0.995167	0.996619	-1.00339	0.564732	0.72214	-1.38477	1.9258	0.53849	4.40268	1
cg22360101	C10orf137	0.184352	0.554561	0.7813389	1.27977	0.2203376	1.56237	1.56237	0.0995356	0.639507	1.56237	0.0995356	0.639507	1.56237	0.0995356	0.639507

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg06684422	AASDHPPT	0.184627	0.0749486	0.41814	-2.39155	0.667071	1.20957	1.20957	0.696757	1.18789	1.18789	0.665451	1.252751	1.252751	0.0954525	0.446954	1.223737	1.223737	0.088176	0.437265	-2.28694	0.0722171	0.413902	-2.41603	0.759446	0.873689	-1.14457	0.111842	0.467078	-2.14087	1.92432	5.89097	2.72118	1
cg03792768	B3GNT1;BDH1;BDH1	0.184631	0.937589	1.00965	1.00965	0.729503	1.0435	1.0435	0.888301	1.01739	1.01739	0.111218	1.237119	1.237119	0.0590643	1.29885	1.29885	1.29885	0.218291	1.17216	1.172716	0.0571587	0.767988	-1.3021	1.090542	1.18535	1.18535	0.903656	0.985255	-1.01497	1.9243	0.458613	0.211846	1
cg26661922	WWP2	0.184634	0.961196	0.9702	-1.03072	0.0152094	6.38431	6.38431	0.0280647	5.01919	5.01919	0.641829	0.747306	-1.31814	0.806795	1.16458	1.16458	1.16458	0.51639	1.50551	1.50551	0.353863	1.80965	1.80965	0.986546	1.01046	1.01046	0.936161	0.951408	-1.05107	1.92429	11.7838	5.44329	1
cg26729381	SYT7	0.184636	0.375364	0.498029	-2.00791	0.153609	5.66241	5.66241	0.562208	5.66241	5.66241	0.272392	2.39827	2.39827	0.594838	0.662979	-1.50834	0.21633	0.360207	-2.70798	0.565859	1.55957	1.55957	0.620424	1.46559	1.46559	0.552999	0.631574	-1.58335	0.368805	0.493123	-2.02744	1.92426	17.8677	8.25377	1
cg08490635	SRRP5	0.184664	0.368051	0.2860154	-1.16258	0.390055	1.15431	1.15431	0.37198	1.16107	1.16107	0.649265	0.928115	-1.07745	0.0471765	1.4478	1.4478	1.4478	0.405345	1.14879	1.14879	0.0431472	1.46093	1.46093	0.251009	1.21582	1.21582	0.0818028	1.36919	1.36919	1.92426	0.809036	0.373725	1
cg03082821	NHSL1;NHSL1	0.184644	0.0710729	0.52571	-1.90219	0.274104	0.695653	-1.4575	0.301193	0.730632	-1.4072	0.171209	0.628392	-1.59136	0.0490702	0.488721	-2.04598	0.488721	-2.04598	0.373965	0.747497	-1.3378	0.758748	0.906434	-1.10322	0.237124	1.48443	1.48443	0.0735329	0.529238	-1.88936	0.19423	0.0000	1.43161	1
cg16636944	MST1P2	0.184649	0.3815	0.889285	-1.1245	0.0227246	1.42828	1.42828	0.745255	1.04354	1.04354	0.466703	0.907715	-1.10167	0.927158	0.988118	-1.01203	1.01203	0.363055	0.884968	-1.12998	0.766107	1.03977	1.03977	0.0876813	1.27945	1.27945	0.171183	1.20982	1.20982	1.92421	0.52081	0.240588	1
cg10280530	ZFP125	0.184655	0.0179575	0.47985	-2.12182	0.627031	0.789163	-1.13685	0.147368	1.51259	1.51259	0.211867	1.41125	1.41125	0.19394	0.792634	-1.26178	0.792634	-1.26178	0.958155	0.986351	-1.0144	0.941065	0.97461	1.02597	1.07797	1.07797	0.431686	1.23393	1.23393	1.9242	2.0909	0.965897	1
cg26888153	ELAVL4;ELAVL4;ELAVL4	0.184665	0.150487	0.36635	-2.72962	0.697102	0.772181	-1.29654	0.621137	1.1835	1.1835	0.755793	0.846052	-1.24722	0.0290734	0.729804	-1.58507	0.729804	-1.58507	0.239784	0.448417	-2.23007	0.0318179	0.594093	-1.51218	0.0379813	0.208548	-4.79506	0.649751	1.74239	-1.347	1.9242	12.9382	5.97685	1
cg04943729	TMEM106B;TMEM106B	0.184655	0.0845069	0.685978	-1.45777	0.901507	1.02476	1.02476	0.772172	1.05902	1.05902	0.616193	0.904996	-1.10498	0.120944	0.717361	-1.394	1.394	0.117609	0.71484	-1.39801	0.0240667	0.587732	-1.70146	0.928914	0.98253	-1.01778	0.421684	1.17601	1.17601	1.92418	1.18897	0.549255	1
cg07287176	OSBPL5;OSBPL5;OSBPL5	0.184656	0.520739	1.32177	1.32177	0.473884	0.184787	-1.56435	0.760875	0.877385	-1.13975	0.23283	0.949098	1.05941	0.349	1.1761	1.1761	1.1761	0.393208	0.68742	-1.45473	0.0134089	1.3702	1.3702	0.170167	1.19824	1.19824	0.0232055	1.71108	1.71108	1.92417	5.59679	2.58549	1
cg09331450	EIF3D	0.184666	0.430477	0.823683	-1.21406	0.523016	0.855531	-1.16886	0.906233	0.971996	-1.02881	0.794739	0.62002	-1.61285	0.0473138	0.578682	-1.72806	1.72806	0.207815	0.726048	-1.37732	0.42524	0.821786	-1.21686	0.0220125	0.515758	-1.93889	0.103086	0.650627	-1.53698	1.92415	1.77063	0.81797	1
cg23836570	FBXL1	0.184669	0.585996	0.8974245	-1.11426	0.455677	0.600675	-1.66479	0.803725	1.18388	1.18388	0.474877	0.614161	-1.62824	0.0919632	0.47218	0.47218	0.47218	0.681859	0.73643	-1.35805	0.686364	0.761609	-1.31301	0.0127763	0.736877	0.796808	0.84312	-1.18607	1.92412	13.7142	6.33958	1
cg14940760	PRKDC;PRKDC	0.184667	0.805567	0.9544931	-1.04768	0.970695	1.007	1.007	0.380778	0.843094	-1.18611	0.344605	1.2011	1.2011	0.0362451	0.629849	-1.58768	1.58768	0.375095	1.18866	-1.18866	0.264588	1.24701	1.24701	0.455903	0.865739	-1.15508	0.0537476	0.659807	-1.51559	1.92411	1.09837	0.507417	1
cg27427054	SUV420H1	0.184671	0.125241	1.36754	1.36754	0.356725	0.83627	-1.19579	0.54026	1.12407	1.12407	0.0317487	1.6078	1.6078	0.611499	0.907897	-1.10145	1.10145	0.213514	0.781072	-1.28029	0.641017	0.91523	-1.09262	0.192547	1.29714	1.29714	0.32471	1.21147	1.21147	1.92409	1.08429	0.500919	1
cg27011577	ANKRD36	0.184688	0.754041	1.09589	1.09589	0.238504	0.2645	-1.09742	0.732809	0.2645	1.09742	0.78228	0.922442	-1.08406	0.530708	1.20325	1.20325	1.20325	0.0315341	0.479622	2.0848	0.211534	0.956211	1.01613	1.01613	0.413383	0.783693	1.27926	0.394399	1.37278	0.735073	1.10401	1.10401	1.92404	2.58656	1.19496	1
cg01405004	FAM19A4;FAM19A4	0.184682	0.0665926	0.81926	0.819526	0.0953052	0.515545	0.515545	0.135201	5.19042	5.19042	0.43886	2.2422	2.2422	0.608582	1.69589	1.69589	1.69589	0.0986518	0.37213	0.37213	0.061563	0.615521	0.615521	0.0661398	8.23094	8.23094	0.0872868	6.89408	6.89408	1.92403	31.8688	14.7231	1
cg05898113	WASH9P	0.184686	7	7	7	7	0.0265153	-1.81643	0.0165777	18.218	18.218	0.315968	0.373814	-2.67517	7	7	7	7	0.276408	0.325423	-3.07292	0.0180837	0.665518	-1.50712	0.793126	0.770732	-1.29747	0.740537	1.3904	1.3904	1.94898	23.6282	13.8482	1
cg13462030	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.184689	0.0289147	0.647298	-1.54488	0.585995	0.911315	-1.09732	0.140097	0.764869	-1.30741	0.0832621	0.724806	-1.38235	0.854985	0.96958	-1.03137	1.03137	0.583127	0.910238	-1.09861	0.0353152	0.661071	-1.5127	0.220847	0.804664	-1.24275	0.809107	1.04171	1.0471	1.9241	0.868857	0.401413	1
cg01844581	ABCG4;ABCG4	0.184696	0.161665	0.555018	-1.80174	0.0603032	2.30402	2.30402	0.0897443	2.08939	2.08939	0.315925	0.664658	-1.50453	0.409719	0.717387	-1.39395	1.39395	0.554897	0.79035	-1.26526	0.402586	0.713579	-1.40139	0.487579	0.757419	-1.32027	0.246726	0.62053	-1.61152	1.92396	4.72907	2.18488	1
cg22178613	SFRP2	0.184699	0.874147	0.958206	-1.04376	0.723375	0.156559	1.10555	0.0383343	1.91101	1.91101	0.0183543	1.25206	1.25206	0.100334	0.615369	-1.6238	1.6238	0.453934	1.2289	-1.2289	0.060868	0.577957	-1.73023	0.732067	1.10092	1.10092	0.812688	1.10624	1.10624	1.92394	2.22465	1.02782	1
cg11312896	ZSCAN1	0.184701	0.727409	0.888979	-1.12489	0.328747	1.40352	1.40352	0.0888982	1.87508	1.87508	0.288003	0.690584	-1.44805	0.33355	1.39853	1.39853	1.39853	0.234722	1.52022	1.52022	0.174152	0.64168	0.612607	0.0991013	0.556551	-1.79678	0.279285	1.45976	1.45976	1.92393	3.4459	1.59207	1
cg06137755	ACAT2	0.184703	0.198575	0.3316266	-1.51544	0.148814	1.57135	1.57135	0.142142	1.38188	1.38188	0.0618428	1.58831	1.58831	0.669628	1.34596	1.34596	1.34596	0.0298631	0.672942	1.48636	0.0179599	0.311213	-3.21323	0.0417363	0.866364	0.761609	-1.31301	0.0127763	0.736877	0.796808	0.84312	-1.18607	1.92412	13.7142	6.33958	1
cg12245530	CBX1;CBX1	0.184703	0.108306	0.555328	-1.88074	0.885308	1.04965	1.04965	0.822849	0.927477	-1.07819	0.38606	1.34762	1.34762	0.665165	0.863985	1.15743	1.15743	0.0658637	0.5001112	-1.99955	0.924071	1.03252	1.03252	0.134771	1.71834	1.71834	0.0840587	1.89988	1.89988	1.92392	3.43491	1.58699	1
cg18794282	KIAA0146	0.184708	0.730695	1.11214	1.11214	0.0136814	0.391423	-2.55478	0.180326	0.645558	-1.54905	0.107407	0.582442	-1.71691	0.673507	0.877861	-1.1392	1.1392	0.413025	1.27005	1.27005	0.394381	0.740674	-1.35012	0.792953	0.922269	-1.08428	0.187182	0.650484	-1.53732	1.92389	2.88323	1.13213	1
cg19358594	DFFA;DFFA;DFFA	0.184711	0.31635	1.26992	1.26992	0.0622199	0.0800705	1.2055	0.0135404	2.00923	2.00923	0.0272113	-36.7494	0.861776	0.748489	-1.32701	0.0956725	1.32701	0.0026	1.0316	1.0316	0.943113	0.787379	0.978414	1.02266	0.0225714	0.903	1.16314	1.16314	0.182007	0.898875	1.1125	1.02388	0.773384	0.0800386	1
cg18934641	GATS;GATS;GATS;GATS;GATS	0.184712	0.254692	0.680147	-1.47027	0.208516	0.650697	-1.53681	0.878805	0.951749	-1.0507	0.0826265	0.536328	-1.86453	0.248159	0.676194	-1.47887	1.47887	0.00795505	0.331951	-3.01249	0.396756	0.754843	-1.33478	0.285721	0.698134	-1.43239	0.71392	0.887513	-1.12674	1.92388	3.20056	1.47876	1
cg18887435	MTHFD1L	0.184713	0.376097	0.6515906	-1.53396	0.5439358	0.510251	-1.81643	0.0165777	18.218	18.218	0.315968	0.373814	-2.67517	7	7	7	7	0.220191	0.54488	-1.83527	0.515148	1.32749	1.32749	0.0995409	1.0461504	1.04088	0.0233551	1.92387	1.92387	1.92385	6.76011	3.12348	1
cg06258200	SMCR7;SMCR7;SMCR7	0.184713	0.441683	1.16342	1.16342	0.0994579	1.88606	1.88606	0.308052	1.22576	1.22576	0.0398823	1.5814	1.5814	0.148125	1.17277	1.17277	1.17277	0.601766	1.10693	1.10693	0.644012	1.08798	1.08798	0.251361	1.26013	1.26013	0.244371	1.26491	1.26491	1.92387	1.13419	0.524034	1
cg06367647	FAM5C	0.184713	0.0216823	0.547792	-1.82551	0.153593	0.717519	-1.39369	0.77497	1.06459	1.06459	0.0784093	0.643135	-1.55488	0.848675	0.959148	-1.04259	1.04259	0.121285	0.692941	-1.44313	0.100175	0.674825	-1.48186	0.255221	0.771539	-1.29611	0.524002	0.868763	-1.15106	1.92387	1.45271	0.671199	1
cg12774675	NDUFS2;NDUFS2	0.184723	0.1315582	0.4127595	-2.42355	0.0228	1.10281	1.10281	0.0383343	1.91101	1.91101	0.0183543	1.25206	1.25206	0.100334	0.615369	-1.6238	1.6238	0.219717	1.09584	-1.09584	0.0233611	0.912448	-1.08525	0.830524	1.01532	1.01532	0.982381	1.01533	1.01533	1.92386	1.07808	0.708018	1
cg00230715	EFNA5	0.184724	0.0457755	0.438199	-2.28207	0.651096	0.848708	-1.17826	0.262038	0.654994	-1.52673	0.221023	0.629045	-1.58971	0.0735338	0.487294	2.05215	2.05215	0.13331	0.557946	-1.79229	0.0196139	0.362047	-2.76207	0.64954	0.848034	-1.1792	0.486479	0.775087	-1.29018	1.92381	1.59573	1.82773	1
cg09925572	TFCP2	0.184725	0.4145423	1.1899	1.1899	0.0135778	0.727131	-1.37731	0.0630868	1.58881	1.58881	0.0180804	1.84861	1.84861	0.0308904	1.55239	1.55239	1.55239	0.0639388	1.75155	1.75155	0.0402782	0.162704	-6.14612	0.0238767	0.219264	-4.56222	0.0239767	0.619264	-1.61482	1.92378	1.2411	1.75799	1
cg27550262	AGAP3;AGAP3	0.184735	0.0166554	0.497526	-2.00994	0.698493	1.09741	1.09741	0.0614051	1.65408	1.65408	0.784717	0.936544	-1.06776	0.990412	0.997135	-1.00287	1.00287	0.693287	0.909684	-1.09928	0.230613	0.740585	-1.35028	0.94435	0.983468	-1.01681	0.749514	0.926358	-1.0795	1.92375	1.73742	0.802793	1
cg27622017	SOX30	0.184737	0.456171	0.619455	-1.61432	0.00685509	0.10981	-9.10666	0.05126	0.314355	-3.18112	0.811204	1.16301	1.16301	0.756256	0.821614	-1.21712	1.21712	0.707796	0.788514	-1.26821	0.283061	0.49468	-2.02151	0.285958	0.496934	-2.01234	0.345137	0.541403	-1.84705	1.92374	12.1328	5.6061	1
cg17684207	LOC285796	0.184738	0.2387821	0.4894818	-2.04318	0.0622199	0.0800705	1.2055	0.0135404	2.00923	2.00923	0.0272113	-36.7494	0.861776	0.748489	-1.32701	0.0956725	1.32701	0.2659	0.42137	2.37292	0.118745	0.0627315	0.0799479	-12.5128	0.402771	0.365987	-2.73234	0.643156	0.0994117	-10.0593	1.92374	1.57878	0.762062	0.0800386	1
cg06783058	PYCRL;LOC103038372-AS1	0.184743	0.222332	0.384433	-2.60123	0.0766435	0.230404	-4.34021	0.232475	0.39324	-2.54298	0.186928	2.83698	2.83698	0.165287	0.331809	-3.01378	3.01378	0.326599	0.470041	-2.12748	0.0903132	0.248754	-4.02004	0.0691382	0.219622	-4.55328	0.762271	0.7976	-1.25376	1.92371	16.9285	7.82218	1
cg25002788	SPON2;SPON2;SPON2;SPON2	0.184747	0.112244	2.64019	2.64019	0.00952863	0.16332	6.31932	0.0769646	2.98003	2.98003	0.8892	0.924723	-1.08141	0.32071	1.77897	1.77897	1.77897	0.376946	1.66366	1.66366	0.550187	1.4041	1.4041	0.304306	1.81877	1.81877	0.742219	1.20359	1.20359	1.92369	9.60351	4.43755	1
cg01344119	ITGB2;ITGB2	0.184748	0.0003578	0.239399	-4.17712	0.675192	0.789229	-1.26706	0.0370278	0.256629	-3.89668	0.0726084	0.324646	-3.08028	0.316544	0.550919	-1.78885	1.78885	0.232928	0.495342	-2.01881	0.651746	0.774775	-1.2907	0.147004	0.417234	-2.39674	0.126982	0.39572	-2.52704	1.92368	9.61084	4.44095	1
cg14688129	CA13	0.184751	0.1211557	1.73396	1.73396	0.0159327	1.34236	1.34236	0.0437615	1.87651	1.87651	0.0183543	1.25206	1.25206	0.100334	0.615369	-1.6238	1.6238	0.735266	1.1036	1.1036	0.0810497	0.597968	-1.67248	0.0888218	0.860218	-1.15178	0.20885	1.28351	1.28351	1.92367	1.63697	0.725441	1
cg21769820	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.18475	0.51985	0.868581	-1.1536	0.387629	1.21403	1.21403	0.458155	1.04501	-1.17994	0.510617	0.864025	-1.15737	0.450656	1.18334	1.18334	1.18334	0.851286	1.04196	1.04196	0.0666686	0.462556	-2.1619	0.615779	0.895098	-1.1172	0.480354	0.854597	-1.17014	1.92367	1.46149	0.675325	1
cg24542126	AIRD1A;AIRD1A	0.184751	0.641487	0.687404	-1.45475	0.926209	0.928628	-1.07686	0.213298	2.85082	2.85082	0.736429	0.763354	-1.31001	0.936723	0.938504	-1.06553	1.06553	0.0517945	0.170488	-5.8655	0.0229362	0.80233	0.80233	0.619361	1.49226	1.49226	0.777107	0.797026	-1.25466	0.92367	19.4667	8.99519	1
cg07221948	PYY2	0.184752	0.407019	1.134749	1.134749	0.14099	1.04062	1.04062	0.193553	1.67775	1.67775	0.510853	0.778626	-1.28439	0.0994109	0.641829	1.5573	1.5573	0.815315	0.915751	-1.09175	0.540803	1.10517	1.10517	0.556867	1.14971	1.14971	0.249574	0.0593936	1.87348	1.87348	1.92366	4.28868	1.98172	1
cg08259925	HTR1A	0.184752	0.0449782	1.73086	1.73086	0.551215	0.51461	1.73086	0.0577497	0.63135	1.73753	0.12973	0.633442	1.57889	0.0449	1.58375	1.58375	1.58375	0.633442	0.891758	-1.12138	0.277467	0.763903	0.910888	-1.09783	0.0222876	1.92153	1.92153	1.92366	1.73225	0.800439	1
cg19102251	SH3PXD2A	0.184753	0.623054	0.710935	-1.4066	0.309022	0.484313	-2.06478	0.921477	1.07026	1.07026	0.711731	1.29125	1.29125	0.0266512	0.163825	-6.10409	6.10409	0.352636	1.93222	1.93222	0.029675	0.171585	-5.82803	0.654479	0.733282	-1.36373	0.297813	0.475564	-2.10277	1.92366	14.4486	6.67647	1
cg24764865	RIMS1L	0.184755	0.4183506	0.8604447	-1.16209	0.788676	1.10282	1.10282	0.0773593	1.2767	1.2767	0.113468	0.75846	-1.31907	0.0751386	0.774255	-1.29198	1.29198	0.0244892	0.6445	-1.5767	0.574603	0.938204	-1.10107	0.393088	0.861957	-1.16014	0.730384	0.942913	-1.06054	1.92365	0.878253	0.405828	1
cg07191743	GLI3	0.184756	0.0172009	0.369017	-2.7099	0.923977	1.03332	1.03332	0.772225	0.905132	-1.10481	0.430448	0.758486	-1.31842	0.59829	0.833115	-1.20031	1.20031	0.0391343	0.44051	-2.27009	0.0649338	0.490767	-2.03763	0.859872	0.941121	-1.06256	0.615762	0.840487	-1.18979	1.92364	3.59034	1.6603	1
cg03697156	LZTR1	0.184756	0.142071	1.48864	1.48864	0.0495445	1.19824	1.19824	0.0964256	1.84595	1.84595	0.330781	0.776504	-1.28782	0.415586	1.23451	1.23451	1.23451	0.95568	1.08401	-1.03179	0.788166	0.918911	-1.08825	0.715635	1.44315	1.44315	0.213252	1.09789	1.09789	1.92364	1.55937	0.846494	1
cg20641660	C11orf30	0.184757	0.4712129	0.795167	1.2576	0.00897961	2.8267	2.8267	0.735204	1.4603	1.112	0.525323	1.22297	1.22297	0.242461	0.682112	0.4603	1.4603	0.817686	0.930333	-1.07488	0.482248	1.04744	1.04744	0.530978	1.21954	1.21954	0.241562	1.46723	1.46723	1.92363	2.97966	1.13687	1
cg12220663	MAT3	0.184758	0.0171798	0.217334	-4.60121	0.639084	0.780131	-1.28184	0.143905	0.438095	-2.28261	0.21659	0.504865	-1.98073	0.0406243	0.28863	-3.46464	3.46464	0.226815	0.559122	-1.78852	0.194053	0.485662	-2.05905	0.50794	0.702539	-1.42341	0.133084	0.426647	-2.34386	1.92363	8.41789	3.88982	1
cg07332298	RPTOR;RPTOR	0.184762	0.461132	0.8902015	-1.12324	0.6049	1.60497	1.60497	0.0927005	1.25535	1.25535	0.0822995	1.60497	1.60497	0.0927005	1.25535	1.25535	1.25535	0.992507	1.00231	1.00231	0.985671	0.8075	-1.23839	0.391882	0.806049	-1.24062	0.134017	0.672194	-1.48787	1.92362	1.6866	0.850552	1
cg07111719	CDB1	0.184763	0.954713	1.02375	1.02375	0.0275146	2.93721	2.93721	0.022813	3.08343	3.08343	0.999395	0.999687	-1.00031	0.481238	0.743863	-1.34433	1.34433	0.76954	0.885656	-1.12911	0.726769	1.15991	1.15991	0.968227	1.0166	1.0166	0.459836	0.729573	-1.37067	0.92361	5.20458	2.405	1
cg26780998	FLAG52;FLAG52	0.184765	0.0288037	0.551014	-1.81494	0.378936	0.850968	-1.17513	0.83027	0.964343	-1.03698	0.724548	1.0653	1.0653	0.551826	1.11363	1.11363	1.11363	0.48844	0.758047	-1.31918	0.521063	0.699642	-1.4293	0.197902	0.694268	-1.44019	0.0752002	0.940286	-1.06147	0.862313	0.991588	-1.00848	0.9226	0.977763	0.449471	1
cg11727581	DIP2C;C10orf108;C10orf108	0.184766	0.107211	0.503862	-1.98467	0.181987	0.57565	-1.73717	0.0210744	0.339078	-2.94917	0.962897	0.984626	-1.01561	0.848222	0.414734	2.41118	2.41118	0.4844	0.758047	-1.31918	0.521063	0.703163	-1.42207	0.200615	0.885779	0.945513	0.157763	0.9236	1.92356	0.62986	2.13945	1
cg14640865	TRIM56	0.184771	0.113456	0.415436	-2.40711	0.763228	0.857201	-1.16659	0.323819	0.594705	-1.68151	0.429328	0.662678	-1.50903	0.00624656	0.162402	-6.1568	6.1568	0.495928	0.702857	-1.42276	0.142728	0.447777	-2.23325	0.547633	0.713206	-1.36387	0.376406	0.629432	-1.58873	1.92356	7.92393	3.6617	1
cg09138802	FLJ90757	0.184773	0.4143056	0.8604447	-1.16209	0.788676	1.10282	1.10282	0.0773593	1.2767	1.2767	0.113468	0.75846	-1.31907	0.0751386	0.774255	-1.29198	1.29198	0.0244892	0.6445	-1.5767	0.574603	0.938204	-1.10107	0.393088	0.861957	-1.16014	0.730384	0.942913	-1.06054	1.92355	0.878253	0.405828	1
cg21008046	CSNK2A1P;GALNT14	0.184779	0.270957	0.719109	-1.39061	0.175292	0.435301	-2.29726	0.167098	0.654593	-1.52767	0.159095	0.828582	-1.20688	0.534445	1.19843	1.19843	1.19843	0.202506	0.67902	-1.47271	0.941687	0.979172	-1.02127	0.385862	1.49714	1.49714	0.708851	0.897705	-1.11395	1.92352	2.52159	1.16527	1
cg19032336	CFB;B;MARCH5	0.184778	0.772163	0.89202	-1.12067	0.784157	1.0326	1.0326	0.768347	0.97626	-1.02626	0.678942	0.899792	-1.11137	0.882944	0.62778	-1.59337	1.59337	0.339804	0.842	-1.18753	0.311272	0.553142	-1.80824	0.0944	0.915061	-1.09282	0.723593	1.09441	1.09441	1.92351	2.03939	0.990539	1
cg09093858	RGS22	0.184781	0.43295	0.612333	-1.6331	0.0179749	0.171676	-5.82493	0.990402	0.992655	-1.0074	0.965995	0.974209	-1.02647	0.233917	0.465396	2.14871	2.14871	0.410168	0.59676	-1.67572	0.0851747	0.311437	-3.21093	0.0365643	0.225575	-4.43112	0.574408	0.706255	-1.41592	1.9235	11.4448	5.28887	1
cg10134910	RNF212;RNF212	0.184783	0.0328743	0.269994	-3.70379	0.92064	1.05367	1.05367	0.71126	0.82278	-1.21539	0.10559	0.395523	-2.5283	0.2207	0.512482	-1.95129	1.95129	0.866869	1.09201	1.09201	0.0262343	0.250749	-3.98805	0.222424	0.510326	-1.95953	0.293088	0.564275	-1.77219	1.9235	8.38512	3.87494	1
cg26753883	MIIP	0.184784	0.461132	0.8902015	-1.12324	0.6049	1.60497	1.60497	0.0927005	1.25535	1.25535	0.0822995	1.60497	1.60497	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1121 vs. N)	Fold-Change(1 vs.1121)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. N)	Fold-Change(5 vs.3537)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg15930380	MIER1;MIER1;MIER1;MIER1;MIER1;MI	0.184975	0.277552	0.520962	-1.91953	0.813439	1.14627	1.14627	0.13968	0.399407	-2.50371	0.494561	0.631026	-1.58472	0.324743	1.799	1.799	0.955439	1.03279	1.03279	0.259369	0.50680	-1.97282	0.021738	4.95467	4.95467	0.836096	1.12708	1.12708	0.92448	10.1529	4.69438	1
ch.7.1286818R	C7orf27	0.184975	0.212658	0.481245	-2.07794	0.102547	0.369654	-2.70524	0.484429	0.673127	-1.4856	0.306375	0.554363	-1.80387	0.303912	0.552577	-1.8097	0.00823951	0.152203	-6.57016	0.224167	0.490987	-2.03672	0.721464	0.819209	-1.22069	0.771797	1.17586	1.17586	1.92248	9.44889	4.36885	1
cg04858834	TMEM48;TMEM48;TMEM48	0.184977	0.274626	0.547805	-1.82547	0.633877	0.775606	-1.28974	0.0431375	0.29173	-3.42782	0.113776	0.402732	-2.48682	0.0446072	0.294091	-3.39027	0.173179	0.464222	-2.15414	0.0520766	0.310363	-3.22203	0.815932	1.1314	1.1314	0.591604	0.750696	-1.3321	1.92247	8.5355	3.94655	1
cg13400000	BLM	0.184979	0.739068	0.859642	-1.16327	0.715196	1.91994	1.91994	0.558212	1.30721	1.30721	0.69743	1.19335	1.21961	1.326511	1.26021	1.26021	0.68656	1.20146	1.20146	0.352157	0.32964	-3.03361	0.185177	1.88839	1.88839	0.320978	0.628814	-1.5903	1.92246	6.2324	2.88168	1
cg05889535	KIRREL3;KIRREL3	0.184982	0.608787	0.671665	-1.48884	0.0492764	0.94365	1.94365	0.99855	1.00186	1.00186	0.438415	0.445317	-2.24559	0.140245	0.197092	-5.07709	0.459704	2.16082	2.16082	0.574249	0.559336	-1.78783	0.0382483	0.0856056	-11.6835	0.649291	0.625878	-1.59775	1.92244	31.8873	14.7485	1
cg14337134	DPY19L2P2;DPY19L2P2 FOXP4;FOXP4;FOXP4;FOXP4;FOXP4;FOX	0.184982	0.760099	1.14662	1.14662	0.0196976	1.51977	1.51977	0.0587055	2.59582	2.59582	0.333331	1.5617	1.5617	0.334446	1.56	1.56	0.146012	2.0081	2.0081	0.333045	1.56214	1.56214	0.0641846	2.53227	2.53227	0.159296	1.95799	1.95799	1.92244	6.07591	2.80935	1
cg15051332	P4	0.184984	0.551837	0.877148	-1.14006	0.200089	1.34278	1.34278	0.691684	1.09068	1.09068	0.0986139	1.48347	1.48347	0.940097	1.0165	1.0165	0.147987	0.713227	-1.40208	0.0310458	0.576244	-1.73538	0.739404	0.92994	-1.07534	0.729522	1.078521	1.07851	1.92243	1.44371	0.667538	1
cg23149010	GDLGA3 APLP2;APLP2;APLP2;APLP2;APLP2;APLP2;APLP	0.184989	0.445841	1.32212	1.32212	0.0838411	1.98861	1.98861	0.0931153	1.94211	1.94211	0.573737	0.815261	-1.2266	0.498626	0.781276	-1.27996	0.0197104	2.75128	2.75128	0.674607	0.859225	-1.16384	0.591618	1.21482	1.21482	0.842845	1.07393	1.07393	1.9224	3.93108	1.81767	1
cg20669688	2	0.184991	0.590211	0.810365	-1.23401	0.250998	0.628835	-1.59024	0.637826	0.832446	-1.20128	0.813688	0.912736	-1.09561	0.0198852	0.337079	-2.96662	0.0848973	0.478596	-2.08945	0.0319222	0.378197	-2.64412	0.879518	0.943022	-1.06042	0.233269	0.616701	-1.62153	1.92239	4.55436	2.10588	1
cg12189569	CPLX3	0.184993	0.321062	0.497742	-2.00992	0.0248239	0.354838	-2.8224	0.0603924	0.439298	-2.27636	0.419272	0.725752	-1.37798	0.111484	0.510413	-1.9592	0.159578	0.537786	-1.8598	0.166915	0.565991	-1.76681	0.425994	0.72092	-1.37127	0.846279	1.0783	1.0783	1.92238	4.5934	2.12394	1
cg02748767	MERTK	0.184997	0.0560501	-1.269885	-3.70528	0.799577	0.857293	-1.16646	0.504567	0.663764	-1.50656	0.936608	1.08232	1.04912	0.0377037	0.232514	4.30082	0.500166	0.66087	-1.51316	0.0424311	0.240377	-4.11393	0.762001	1.20181	1.20181	0.111634	0.350412	-2.85379	1.92237	11.1519	5.15654	1
cg26221637	SSU72	0.184997	0.198054	0.792219	-1.26228	0.646501	0.928023	-1.07756	0.60761	1.09273	1.09273	0.185851	0.188086	1.08086	0.682921	1.07285	1.07285	0.584187	1.09025	1.09025	0.610172	1.29203	1.09203	0.108552	1.34946	1.34946	0.0113869	1.72004	1.72004	1.92236	0.8925501	0.412687	1
cg03959472	SHSRF1	0.184998	0.0973254	0.563352	-1.78141	0.0494764	1.13984	1.13984	0.855625	0.968875	-1.03212	0.282237	0.831661	-1.21409	0.684377	1.07353	1.07353	0.510996	0.890704	-1.12271	0.254886	0.813524	-1.22922	0.90786	0.832561	-1.20111	0.52952	1.16931	1.16931	1.92236	0.9176552	0.424317	1
cg20901684	COL11A2;COL11A2;COL11A2	0.184998	0.0306369	0.53148	-1.88154	0.812342	0.942525	-1.06098	0.427842	1.22321	1.22321	0.26684	0.749817	-1.33366	0.480772	0.836629	-1.19527	0.364176	1.26123	1.26123	0.808819	1.06219	1.06219	0.0870385	0.624806	-1.6005	0.0940903	0.632464	-1.58112	1.92236	1.88595	0.872053	1
cg01993445	SH2D4A	0.184999	0.702181	1.12327	1.12327	0.187257	0.659199	-1.51653	0.995586	0.771545	-1.29591	0.0462281	0.97468	1.86556	0.950769	-1.05178	0.167206	0.367206	1.13781	1.13781	0.536812	0.829997	-1.20482	0.0726839	1.8159	1.8159	0.168212	1.54885	1.54885	1.92235	2.70246	1.24961	1
cg01530063	SEC61G;SEC61G	0.185001	0.401355	0.731204	-1.36761	0.150265	0.802245	-1.2415	0.381822	0.720265	-1.38838	0.823955	0.80815	1.00809	7	0.0000	7	0.153214	0.572669	-1.74621	0.0753354	0.485942	-2.05786	0.0117941	0.317836	-3.14627	0.408818	0.734987	-1.36057	1.92404	3.61686	1.8701	1
cg01356558	ATP11A;ATP11A	0.185002	0.109894	1.53945	1.53945	0.392908	0.805191	-1.24194	0.31958	0.775196	-1.29	0.789751	0.959381	-1.0684	0.693919	0.906722	-1.10287	0.998202	0.999442	-1.00056	0.0218633	1.97605	1.97605	0.227194	0.730616	-1.36871	0.551464	0.861423	-1.16087	1.92234	1.86602	0.86285	1
cg05959385	TTC4	0.185002	0.130739	0.805402	-1.24152	0.228272	0.351552	1.18352	0.378941	1.02026	1.02026	0.219322	0.847481	1.17596	0.269485	1.16474	1.16474	0.655245	0.942144	-1.06141	0.099062	1.28115	1.28115	0.264396	1.17012	1.17012	0.0988322	1.27195	1.27195	1.92234	0.5354441	0.247588	1
cg11947782	PIK3CD	0.185006	0.551248	0.631924	-1.58247	0.565919	0.642874	-1.55551	0.0466342	0.176476	-5.66649	0.443821	0.551907	-1.8119	0.0100331	0.0842187	-11.8738	0.320567	0.457776	-2.18448	0.524873	0.612279	-1.63324	0.126127	0.283674	-3.52517	0.272741	0.419337	-2.38471	1.92232	17.6469	8.16002	1
cg01394013	CDO1	0.185009	0.627026	0.805513	-1.12193	0.827761	0.952567	-1.05052	0.594173	1.40909	0.0196005	0.0155153	1.1344	1.69785	0.883515	1.4909	1.4909	0.123234	1.4793	1.4793	0.47402	1.1862	1.1862	0.514586	0.856365	-1.16775	0.164279	0.872253	-1.14646	1.92233	17.6469	8.17423	1
cg00032666	MAMLD1	0.185015	0.942292	1.03518	1.03518	0.258369	0.569328	-1.75646	0.41855	0.673802	-1.48412	0.341295	0.626023	-1.59738	0.00995575	0.211506	4.728	0.205523	1.89256	1.89256	0.251218	0.564059	-1.77286	0.843322	0.909811	-1.09913	0.591234	0.771862	-1.29557	1.92227	0.9465	3.21178	1
cg16476235	OGX2	0.185017	0.909092	0.942438	-1.06108	0.489672	0.694731	-1.43941	0.0184953	0.227007	-4.40516	0.747947	0.84591	-1.18216	0.0821404	0.368018	-2.71726	0.340377	1.11034	1.11034	0.136059	0.428617	-2.33309	0.252278	0.535752	-1.86022	0.0655799	0.342132	-2.92285	1.92226	8.20123	3.79241	1
cg10180799	ITGA7;ITGA7;ITGA7	0.185018	0.742344	0.844202	-1.18411	0.769453	1.11384	1.11384	0.853625	0.968875	-1.03212	0.282237	0.831661	-1.21409	0.684377	1.07353	1.07353	0.861396	1.06609	1.06609	0.917765	0.862884	-1.15855	0.201237	0.8393	-1.19153	0.163933	0.0466302	2.30318	2.30318	1.92225	8.8095	3.81804	1
cg16278604	CTNND2	0.185026	0.155702	2.67848	2.67848	0.279599	0.481056	-2.07876	0.337499	0.526579	-1.89905	0.130085	0.28799	2.88799	0.815057	1.16414	1.16414	0.474	1.60369	1.60369	0.172114	2.56697	2.56697	0.0408108	4.62513	4.62513	0.179268	2.52267	2.52267	1.92221	12.8078	5.92273	1
cg15638366	ITGA6;ITGA6	0.185031	0.018103	2.76219	2.76219	0.559885	1.23213	1.23213	0.779356	1.10782	1.10782	0.644879	1.1786	1.1786	0.0210788	2.07056	2.07056	0.123647	1.80482	1.80482	0.588494	1.21274	1.21274	0.507887	1.22753	1.22753	0.288994	1.47657	1.47657	1.92219	3.81671	1.76498	1
cg09059947	DIP2C	0.185031	0.32972	2.14934	2.14934	0.0949468	0.247606	-4.03868	0.466497	0.6691	-1.75716	0.435454	0.831476	1.83178	1.81705	0.1501272	3.0834	0.3084	0.795806	0.802996	-1.21808	0.265025	0.241971	0.0510752	0.14045	5.42045	0.176082	2.9806	2.9806	1.92218	17.6167	8.1466	1
cg07761822	RBPJ;RBPJ;RBPJ;RBPJ	0.185034	0.948601	1.03141	1.03142	0.0286004	3.4536	3.4536	0.0394095	3.13792	3.13792	0.384167	1.53452	1.53452	0.554406	0.75053	-1.33239	7	7	7	0.828131	1.10998	1.10998	7	7	7	0.601832	1.28742	1.28742	1.94803	5.52655	3.24228	1
cg23027345	PGS1TB	0.185036	0.912335	0.980512	-1.01915	0.926115	-1.05155	-1.00483	0.923852	1.01352	1.01352	0.978841	1.18627	1.18627	0.00783765	1.543482	1.543482	0.0127273	1.84927	1.84927	0.0178248	2.01652	2.01652	0.0151379	1.80482	1.80482	0.0384967	1.41352	-1.22805	0.158183	0.764006	-1.30888	0.44557	0.870456	-1.14882	1.92216	0.9609091	0.448149	1
cg16752029	JMJD5;JMJD5	0.185038	0.0735213	0.837392	-1.19418	0.975589	1.00273	1.00273	0.611272	1.00664	1.00664	0.465485	0.105331	0.553	0.395564	0.925532	-1.08046	0.428969	1.07446	1.07446	0.613699	1.04631	1.04631	0.300878	1.10004	1.10004	0.0200672	1.28339	1.28339	1.92215	0.2408823	0.111368	1
cg27445400	SLC13A5;SLC12A5	0.185047	0.683858	1.29202	1.29202	0.0972701	1.36205	1.36205	0.0158158	1.69511	1.69511	0.274871	1.81125	1.81125	0.0139776	1.744606	1.744606	0.320864	1.71018	1.71018	0.0161466	1.64602	1.64602	0.0150674	2.06074	2.06074	0.0071506	2.86404	2.86404	1.92213	0.2402182	0.102067	1
cg26764764	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.185041	0.624674	0.842629	-1.18676	0.0549308	0.12948	2.12948	0.367327	1.37931	1.37931	0.964361	0.984604	-1.01564	0.100452	0.535314	-1.86806	0.0926014	0.525868	-1.90162	0.188458	1.6224	1.6224	0.787086	0.9102271	-1.09857	0.738974	0.890361	-1.12314	1.92213	3.67111	1.6977	1
cg05418150	C16orf52	0.185041	0.155764	0.645548	-1.50469	0.991949	1.00272	1.00272	0.87752	1.04192	1.04192	0.40363	1.2585	1.2585	0.0587066	0.562999	-1.7762	0.395784	1.2636	1.2636	0.353291	0.554896	-1.80214	0.122925	0.637856	-1.56775	0.67918	1.1183	1.1183	1.92213	2.20334	1.01894	1
cg19257894	DCHS2;DCHS2;AAGAB	0.185052	0.553152	0.653853	-1.52958	0.2588	0.83771	-1.19371	0.0806272	0.378746	2.64	0.0413059	0.80361	0.80361	0.0829046	1.2864	0.0413059	0.80361	0.80361	0.0829046	1.2864	0.0413059	0.80361	0.0829046	1.2864	0.0413059	0.80361	0.0829046	1.2864	0.0413059	1.92213	1.2965	0.5175	0.2481	0.8839382	1
cg08507806	FGD2 BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.185044	0.449794	0.850139	-1.17628	0.0764153	1.51592	1.51592	0.0205026	0.55514	-1.80135	0.80566	0.94936	-1.05334	0.716203	0.925919	-1.08001	0.694764	0.920223	-1.08669	0.563583	1.13099	1.13099	0.666364	0.912612	-1.09576	0.152803	0.724113	-1.381	1.92212	1.35297	0.625685	1
cg06761921	4	0.185046	0.721441	1.13064	1.13064	0.544136	0.473051	-2.11394	0.0597157	2.07246	2.07246	0.902628	0.958891	-1.04287	0.52524	0.801881	-1.24707	0.767459	0.903299	-1.10705	0.0607645	0.484313	-2.06478	0.376488	0.732517	-1.36516	0.769276	1.10614	1.10614	1.92211	3.5809	1.65601	1
cg16511708	SS18;SS18	0.185048	0.605129	0.959709	-1.04198	0.0221848	0.751037	-1.33149	0.100673	0.828822	-1.20653	0.608414	0.947473	-1.05544	0.216237	0.872943	-1.14555	0.332919	0.900964	-1.10992	0.0948349	0.82557	-1.21128	0.414468	1.09101	1.09101	0.544809	1.06609	1.06609	1.92209	0.3318089	0.153485	1
cg17140231	KLHDC7B	0.185052	0.260914	1.23142	1.23142	0.0955403	0.556155	-1.79845	0.0206206	0.376465	2.65695	0.0206206	0.376465	2.65695	0.0206206	0.376465	2.65695	0.0206206	0.376465	2.65695	0.0206206	0.376465	2.65695	0.0206206	0.376465	2.65695	0.0206206	0.376465	2.65695	1.92209	1.34401	0.597254	0.269672	0.119472	1
cg04641171	RASGRF1;RASGRF1	0.185053	0.937783	0.937869	-1.06625	0.0576874	0.83299	-1.83299	0.149937	0.355473	3.55473	0.658071	0.44194	1.44194	0.104356	0.743045	0.777722	0.28581	0.976762	0.976351	-1.02422	0.577445	0.629736	-1.58797	0.0144694	1.90117	1.90117	0.434725	0.92493	1.92493	1.92207	0.52528	0.50496	1
cg08921185	ONECUT2;E4F1	0.185057	0.257594	2.62872	2.62872	0.0499354	0.482467	-2.16483	0.0433455	0.43343	2.30743	0.0433455	0.43343	2.30743	0.0433455	0.43343	2.30743	0.0433455	0.43343	2.30743	0.0433455	0.43343	2.30743	0.0433455	0.43343	2.30743	0.0433455	0.43343	2.30743	1.92207	0.55235	0.26009	0.161987	0.0816428	0.151523	-6.59966	0.151523	1.92207	0.4944314	0.2122	1
cg05730283	B3GNT2	0.185060	0.0927374	0.777455	-1.28625	0.497614	1.09823	1.09823	0.660455	0.941618	-1.062	0.917518	0.986002	-1.0142	0.686346	0.946254	-1.0568	0.0494338	1.35678	1.35678	0.0749685	0.763485	-1.30978	0.272157	1.16829	1.16829	0.690119	0.946925	-1.05605	1.92203	0.563705	0.260699	1
cg11981744	NEO2	0.185062	0.118276	1.51708	1.51708	0.443708	0.794913	1.06044	1.06044	0.669362	-1.01161	0.0184953	0.222007	-4.40516	0.747947	0.84591	-1.18216	0.0821404	0.368018	-2.71726	0.340377	1.11034	1.11034	0.136059	0.428617	-2.33309	0.252278	0.535752	-1.86022	1.92203	8.20123	3.79241	1
cg09472211	PTEN;KILLIN	0.185063	0.537977	0.915928	1.08508	0.500188	0.908125	-1.10117	0.448217	0.691829	1.44599	0.927189	0.91295	-1.09543	0.0155225	0.753788	0.956658	0.163261	0.631212	1.58439	0.0150141	0.749519	0.101525	1.32452	0.0384	2.60702	0.140266	0.485255	-2.06077	1.92184	0.32163	2.92387	1
cg00338116	EPST1;EPST1;EPST1;EPST1	0.185064	0.389937	0.498444	-2.00624	0.552254	0.621742	-1.60838	0.472484	0.561282	-1.78164	0.127938	0.272345	-3.67181	0.0879225	0.225724	-4.43018	0.116007	0.25922	-3.85772	0.0633067	0.191946	-5.20981	0.750235	0.776931	-1.28712	0.112362	3.92009	3.92009	1.92201	19.0132	8.79322	1
cg24360924	HCCA2;DUSP8;LOC138651	0.185065	0.189744	1.31502	1.31502	0.26115	-1.10483	1.02783	0.926515	1.01352	1.01352	0.978841	1.18627	1.18627	0.00783765	1.543482	1.543482	0.0127273	1.84927	1.84927	0.0178248	2.01652	2.01652	0.0151379	1.80482	1.80482	0.0384967	1.41352	-1.22805	0.158183	0.764006	-1.30888	0.44557	0.870456	-1.14882	1.92216	0.9609091	0.448149	1
cg18824560	PCYOX1	0.185071	0.560241	0.896512	-1.11543	0.374926	0.844586	-1.18401	0.0620007	0.147662	3.47662	0.879493	0.102419	0.202419	0.728077	0.16688	1.06688	0.484515	1.1483	1.14083	0.0280503	0.620269	-1.6122	0.263441	0.805554	-1.24138	0.362724	0.84199	-1.18766	1.92197	1.04714	0.484229	1
cg20637324	UBR5	0.185073	0.0605079	0.547973	-1.82594	0.309299	1.36561	1.36561	0.917028	0.96961	-1.03134	0.956581	0.976708	-1.02385	0.627875	0.865319	-1.15564	0.432655	0.788876	-1.26763	0.0418491	0.405737	-2.45952	0.495897	1.22724	1.22724	0.080991	1.00708	1.00708	1.92197	2.66976	1.24073	1
cg05946169	MLLT10;MLLT10	0.185078	0.91257	0.96082	-1.04074	0.1048232	0.47147	-2.44429	0.561913	1.23454	1.23454	0.398332	1.36915	1.36915	0.136915	1.53443	1.53443	0.0762044	1.46017	1.46017	0.160809	1.6042	1.6042	0.164837	0.5270313	-1.89749	0.856489	0.60799	-1.64518	0.0484337	0.5270313	-1.89749	0.856489	0.60799	-1.64518	1.92193	0.410839	1.85849	1
cg00400145	SIRPA	0.185082	0.708998	1.23263	1.23263	0.0127713	5.6031	5.6031	0.0963278	2.76542	2.76542	0.323795	1.7642	1.7642	0.296186	0.539381	-1.85398	0.34581	1.71751	1.71751	0.180742	0.547641	1.14571	0.217899	2.05868	2.05868	0.938494	0.04393	1.04393	1.92191	9.44635	4.36896	1
cg25447873	KIFC1	0.185085	0.792346	0.852059	-1.09259	0.0524181	0.474752	-2.10636	0.0310469	0.457938	2.18377	0.162646	1.23785	1.23785	0.0429059	1.51505	1.51505	0.27074	1.46917	1.46917	0.140011	1.812038	1.812038	1.23147	0.802538	0.698768	-1.43109	0.535116	0.809942	-1.23466	1.92191	3.48833	1.58562	1
cg14454242	HDAC6	0.185091	0.450145	1.43478	1.43478	0.202167	0.531651	-1.88093	0.449535	0.69662	-1.4355	0.120787	0.20199	2.20199	0.0224843	0.277364	-3.60537	0.313291	1.63115	1.63115	0.81951	0.898325	-1.11318	0.639381	0.798488	-1.25237	0.56337	0.760273	-1.31532	1.92187	6.69943	3.09857	1
cg10758022	MIR29A	0.185092	0.0266526	0.450688	-2.21883	0.20626	1.49855	1.49855	0.925316	0.971953	-1.02886	0.361895	1.3289	1.3289	0.244218	0.69098	-1.44722	0.736955	0.902774	1.1077	0.295136	1.39016	1.39016	0.315583	1.45812	1.45812	0.0936362	0.768342	-1.30151	1.92186	2.80201	1.29597	1
cg07285807	DCC36;CCDC36	0.185095	0.0777491	0.409267	-2.44339	0.475385	0.718366	-1.39205	0.545447	0.756647	-1.32162	0.368734	0.656569	-1.52307	0.0294823	0.320488	3.21658	0.358553	0.650343	1.53765	0.0293201	0.310123	-3.22452	0.128483	0.483789	-2.06702	0.140266	0.485255	-2.06077	1.92184	0.32163	2.92387	1
cg24819451	NHSL2;RPS26P11	0.1851	0.584751	1.20871	1.20871	0.117228	0.557382	-1.7941	0.0114276	0.337124	-2.96626	0.632962	0.847665	-1.17971	0.343095	0.714977	-1.39865	0.38675	1.35631	1.35631	0.788484	1.09677	1.09677	0.961805	0.983685	-1.01659	0.29101	0.686335	-1.45701	1.92182	3.59143	1.66112	1
cg14632128	OSOX2	0.185101	0.0117752	0.310014	-3.22568	0.147307	0.69638	-1.43618	0.223852	0.524	-1.90917	0.242612	0.343904	-2.90817	0.0373273	0.249868	-4.00255	0.409461	0.729779	1.3091	0.0259125	0.314837	-3.17758	0.302082	0.664217	-1.50597	0.0657	0.816941	-1.22408	1.92182	4.21815	1.951	1
cg05164449	PTPN12;PTPN12;PTPN12 SNORD115-9;SNORD115-5;SNORD115-	0.185102	0.150231	0.164523	-6.07818	0.142807	0.158326	-6.31608	0.0477314	0.0707101	-14.1423	0.358894	0.331562	-3.01603	0.0868704	0.109221	-9.15571	0.13057	1.47994	-6.75701	0.148942	0.163451	-6.11805	0.0895909	0.111912	-8.93555	0.0511103	0.0743126	-13.4567	1.92181	41.6784	19.2774	1
cg05421651	12;SNORD115-10	0.185105	0.0838368	0.142312	-7.02681	0.217382	0.266451	-3.75303	0.291554	0.327808	-3.05056	0.289705	0.326302	-3.06465	0.0435702	0.0939607	-10.6427	0.218271	0.267202	-3.74249	0.0260642	0.0677989	-14.7495	0.124201	0.183515	-5.45511	0.155464	0.212453	-4.70692	1.92179	31.6113	14.6212	1
cg09533014	HDX	0.185106	0.183603	0.251308	-3.97918	0.19746	0.263101	-3.79505	0.348222	0.5734	2.5734	0.121354	0.51676	1.51676	0.927145	1.09366	1.09366	0.0227182	0.0692822	-14.4337	0.0272243	0.0953	10.4933	0.973555	0.968071	-1.03298	0.870904	0.852814	-1.17259	1.92179	29.1682	13.4912	1
cg26557230	TTC37;ARSK	0.185111	0.705658	0.894053	-1.11859	0.309299	1.36561	1.36561	0.917028	0.96961	-1.03134	0.956581	0.976708	-1.02385	0.627875	0.865319	-1.15564	0.432655	0.788876	-1.26763	0.0418491	0.405737	-2.45952	0.495897	1.22724	1.22724	0.080991	1.00708	1.00708	1.92197	2.66976	1.24073	1
cg02451853	B3GNT9	0.185111	0.344004	0.659819	-1.51557	0.0683811	0.418802	-2.38776	0.506709	1.33289	1.33289	0.785872	1.12317	1.12317	0.202697	0.56346	-1.77475	0.158464	0.52569	-1.90226	0.0232754	0.314519	-3.17946	0.152319	0.519949	-1.92327	0.87599	0.935556	-1.06888	1.92176	5.53782	2.56145	1
cg00181798	BANP;BANP	0.185113	0.475182	0.807773	-1.23844	0.0443152	0.464332	-2.15322	0.0158892	0.254664	3.92852	0.0158892	0.254664	3.92852	0.0158892	0.254664	3.92852	0.0158892	0.254664	3.92852	0.0158892	0.254664	3.92852	0.0158892	0.254664	3.92852	0.0158892	0.254664	3.92852	1.92176	0.3727572	0.17929	0.133104	0.0596572	0.162484	-6.15347	0.162484	1.92176	0.4033333	0.1933	1
cg16445026	C12orf29	0.185118	0.106628	0.808053	-1.24867	0.142749	1.21966	1.21966	0.255194	1.16153	1.16153	0.0905874	1.26496	1.26496	0.040352	1.6354453	1.67661	0.308215	1.15079	1.15079	0.406761	1.11291	1.11291	0.520094	0.9211	-1.08566	0.003837	1.14469	1.14469	1.92172	2.4836609	0.223692

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(563 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	SS(Test)	SS(Error)	F(Error)
cg13760060	DPF3		0.185249	0.50994	-1.887	0.637696	1.19186	1.19186	0.269379	1.52664	1.52664	1.52664	0.01225323	0.395674	-2.52733	0.341904	0.696037	-1.43671	0.664156	0.850742	-1.17544	0.837918	0.927012	-1.07874	0.332151	1.44803	1.44803	0.110605	0.525551	-1.902277	1.92103	4.16567	1.92752	
cg18904891	CLDN23;CLDN23		0.18525		0.0907419	56.3756	56.3756	0.270759	11.9525	11.9525	0.198053	18.9808	18.9808	0.142907	30.172	30.172	0.305149	9.94963	9.94963		0.257592	12.887	12.887	0.0583779	102.284	102.284	0.0210252	405.817	405.817	0.119539	38.6593	38.6593	1.92102	142.433	65.9058	1
cg09504352	CDK4		0.185252		0.353381	0.915417	-1.0924	0.195429	1.13511	1.13511	0.11991	1.169	1.169	0.608346	0.953291	-1.049	0.0554659	0.818	-1.22249		0.218195	0.90319	-1.10719	0.118455	0.854815	-1.16984	0.725383	0.967887	-1.03318	0.560152	1.05604	1.05604	1.92102	0.260603	0.120586	1
cg07446783	TUX2;TLK2		0.185253		0.437573	0.825479	-1.21142	0.0228826	1.93377	1.93377	0.338945	1.26963	1.26963	0.480777	0.840651	-1.18955	0.263302	0.75394	-1.32637		0.318417	0.77899	-1.28371	0.947722	1.01601	1.01601	0.120897	1.50285	1.50285	0.982115	0.994586	1.05044	1.92101	1.78469	0.825811	1
cg03192874	ITGAV;ITGAV;ITGAV		0.185253		0.570108	0.892922	-1.11992	0.429762	1.1724	1.1724	0.118003	0.715367	-1.39788	0.0576849	0.654727	-1.57735	0.132978	0.726236	-1.37696		0.386966	0.839456	-1.19124	0.122995	1.39061	0.897356	1.0258	1.0258	0.217915	0.774321	-1.29145	1.92101	1.18478	0.548221	1
cg05446629	B3GAT1;B3GAT1;B3GAT1;B3GAT1		0.185253		0.233952	0.659017	-1.52226	0.856182	0.940735	-1.063	0.950165	1.02127	1.02127	0.042394	0.455329	-2.19718	0.313973	0.703315	-1.42224		0.26564	0.676628	-1.47792	0.131917	1.72911	1.72911	0.316346	1.41744	1.41744	0.225604	1.53502	1.92101	1.45025	1.5965	1
cg00809632	PFKFB3;PFKFB3		0.18526		0.368287	1.37711	1.37711	0.0504321	2.16426	2.16426	0.617622	0.840064	-1.19039	0.130165	1.76126	1.76126	0.513233	1.25809	1.25809		0.956068	1.02168	1.02168	0.0441582	2.22696	2.22696	0.189538	1.61801	1.61801	0.269522	0.67156	-1.48907	1.92097	3.64783	1.68796	1
cg21085625	C5orf76;DIRC1B;DIRC1B;DIRC1B1		0.185262		0.0286569	0.754184	-1.32594	0.273154	0.94135	-1.0981	0.573833	1.06425	1.06425	0.664847	0.954011	-1.04821	0.305388	1.12293	1.12293		0.0934994	0.817415	-1.22337	0.0934407	0.831932	1.2234	0.851719	0.972874	-1.02788	0.196551	0.861368	-1.16094	1.92096	0.363398	0.168155	1
cg01153817	KCNJ11;KCNJ11		0.185262		0.965077	0.979563	-1.02086	0.0173068	0.92461	-1.0825	0.312667	1.32461	1.32461	0.623937	0.623978	-1.60262	0.468072	0.70995	-1.41653		0.585835	1.29627	1.29627	0.146696	0.20475	2.08475	0.887766	1.06925	1.06925	0.188865	0.51886	-1.92805	1.92096	0.76736	3.13147	1
cg21039144	CBorf42		0.185263		0.378854	0.583819	-1.71286	0.124251	0.370771	-2.69708	0.110939	2.81564	2.81564	0.893596	0.923328	-1.08304	0.279926	0.511945	-1.95333		0.685122	0.784274	-1.27506	0.0332518	0.2268861	-4.40798	0.13229	0.379754	-2.63328	0.856134	1.11425	1.11425	1.92096	0.81	5.00214	1
cg23007540	DENND3		0.185264		0.2529596	1.512161	1.512161	0.0504389	0.3203389	-3.12035	0.0178215	0.2997773	-3.33588	0.3785	0.6854	-1.45907	0.2509207	0.5511945	-1.81469		0.8393238	0.892488	-1.12046	0.412384	0.4795621	2.085	0.479541	3.38701	0.677002	1.26437	1.26437	1.92095	0.953925	0.414413	1
cg04314114	RK3		0.185265		0.826859	1.24135	8.24135	0.270583	2.51942	2.51942	0.350239	2.6537	2.6537	0.316134	2.87594	2.87594	0.480494	2.08104	2.08104	0.748235	22.488	22.488	0.195438	43.0762	43.0762	0.451687	2.18489	2.18489	1.92095	31.6076	14.6259	1
cg00344655	ECE1;ECE1;ECE1;ECE1		0.185265		0.135403	0.644581	-1.55188	0.0650396	0.986769	-1.01341	0.570262	0.885811	-1.16535	0.267212	1.37112	1.37112	0.00885859	0.602628	-2.48368		0.793016	1.07445	1.07445	0.909716	0.9027756	-1.10772	0.447247	0.8090351	-1.23556	0.980909	1.00656	1.00656	1.92094	2.20852	1.04973	1
cg12612668	POU6J2		0.185269		0.906858	1.01289	1.01289	0.0266815	1.33278	1.33278	0.320249	1.1189	1.1189	0.527436	0.932358	-1.07255	0.396291	1.0968	1.0968		0.120782	1.83189	-1.20208	0.174381	0.853808	-1.17122	0.766291	0.96792	-1.03314	0.494626	0.926942	-1.07382	1.92093	0.364046	0.168458	1
cg02995503	ARHGEF17		0.185271		0.0507239	0.632252	-1.58165	0.179758	0.7457	-1.34102	0.83468	0.957873	-1.04398	0.255249	0.783003	-1.27713	0.874862	1.03299	1.03299		0.0183927	0.554833	-1.80235	0.782062	1.05877	1.05877	0.509422	1.14778	1.14778	0.420808	0.844192	-1.18456	1.92092	1.29037	0.597109	1
cg08487756	PWP2		0.185278		0.615209	0.8706	-1.14863	0.196865	0.768704	-1.452	0.312878	1.1302	1.1302	0.630359	1.14172	1.14172	0.136287	0.644837	-1.55078		0.940305	1.02068	1.02068	0.25645	0.723415	-1.38233	0.0247351	2.07671	2.07671	0.838419	1.0574	1.0574	1.92088	2.27296	1.05181	1
cg06701842	B2		0.185278		0.311484	1.14264	1.14264	0.238565	0.709391	-1.40966	0.953828	1.00274	1.00274	0.55978	0.927656	-1.07799	0.502667	0.920697	-1.08613		0.0314192	0.72513	-1.37906	0.51538	0.919437	-1.08762	0.596744	1.07036	1.07036	0.935322	1.01039	1.01039	1.92088	0.439428	0.228288	1
cg13694824	TIMMBB;SDHD;TIMMBB		0.18528		0.88267	1.03284	1.03284	0.419631	1.19769	1.19769	0.166069	1.3814	1.3814	0.109711	1.46443	1.46443	0.292467	1.2699	1.2699		0.118646	1.44857	1.44857	0.145734	0.710561	-1.40734	0.969804	0.991753	-1.00832	0.0417963	1.6708	1.6708	1.92087	1.45598	0.673761	1
cg21156776	HCG26		0.185281		0.0173616	0.61664	-1.62164	0.0203503	0.556719	-1.79524	0.0599249	0.885681	-1.12929	0.934136	1.06463	1.06463	0.800562	0.923467	-1.79222		0.368207	1.6295	1.6295	0.656006	1.26724	1.26724	0.404614	0.637314	-1.56909	0.170578	0.462579	-2.16179	1.92087	8.49039	3.92896	1
cg04330884	FAM53B		0.185282		0.142867	0.519663	-1.92432	0.317853	0.651054	-1.53597	0.037808	0.367372	-2.72204	0.265341	0.617244	-1.6201	0.894151	0.94617	-1.05689		0.417529	1.4111	1.4111	0.950055	0.978886	-1.02157	0.174119	1.82388	1.82388	0.111534	0.486536	-2.05535	1.92086	5.25614	2.43231	1
cg04580731	WDR60		0.185284		0.272637	0.693993	-1.44194	0.360589	0.719119	-1.37152	0.253761	0.605746	-1.65123	0.868342	0.963249	-1.06001	0.0834969	0.607197	-1.64667		0.2325504	0.694393	-1.43996	0.399707	0.7384257	-1.35396	0.0898707	0.6856217	-1.45854	0.549611	0.807992	-1.23764	1.92085	1.35359	1.73701	1
cg12929755	CALCR;CALCB		0.185285		0.972331	0.989044	-1.01108	0.994664	1.00213	1.00213	0.0286729	2.27005	2.27005	0.151307	1.62967	1.62967	0.7625	0.908221	1.10105		0.8506	0.941868	-1.06172	0.0664107	0.520027	-1.92298	0.227234	1.49577	1.49577	0.650069	1.15611	1.15611	1.92084	3.06907	1.42024	1
cg02688710	FGD6;VEZT		0.185288		7	7	7	0.0764759	0.352863	-2.83396	0.706224	0.818597	-1.2216	0.0170882	0.215096	-4.64908	0.864079	1.09479	1.09479		0.369777	0.614545	-1.62722	0.0934328	0.377068	-2.65204	0.915204	0.945256	-1.05791	0.323293	0.58318	-1.71474	1.92049	7.60154	3.93354	1
cg00651709	TNFRSF10A		0.185289		0.2314126	0.730499	-1.36891	0.541241	1.16035	1.16035	0.16808	0.769064	0.859204	0.16552	1.03216	1.03216	0.107395	0.653805	1.54484		0.166359	0.821405	-1.21743	0.705981	1.39103	1.39103	0.165459	1.30315	1.30315	0.0853	0.325116	3.07514	1.92083	1.75357	0.811491	1
cg04130163	SHSA3		0.18529		0.0440173	3.58534	3.58534	0.315219	1.77356	1.77356	0.791236	0.863832	-1.15763	0.364073	1.673	1.673	0.452847	1.52493	1.52493		0.703691	1.23471	1.23471	0.476039	1.49161	1.49161	0.312457	0.561865	-1.77979	0.0183196	1.85304	1.85304	1.92082	9.26108	4.28571	1
cg14205519	CBorf139;FUT7		0.185292		0.128288	0.542604	-1.84353	0.152468	0.321839	-3.10865	0.663867	0.731477	-1.3689	0.0214103	0.325068	3.039879	-1.22796	0.294151	1.77121		0.442009	0.90051	-1.11042	0.838749	0.9586079	-1.04307	0.0626225	0.8044446	-1.24296	0.257293	0.240446	-4.15768	1.92081	42.6979	19.7592	1
cg13043400	INTS1		0.185295		0.154829	0.357893	-2.79413	0.0628651	0.249538	-4.00527	0.0303019	0.178667	-5.59701	0.316629	0.497268	-2.01099	0.21	0.411811	2.4283		0.601253	0.700594	-1.42736	0.106769	0.304732	-3.28157	0.651999	0.736121	-1.35847	0.0463797	0.2144432	4.66349	1.92079	13.8533	6.41093	1
cg14251805	FAM125B		0.185296		0.0969169	0.506103	-1.97588	0.451845	1.33174	1.33174	0.0792372	0.48275	-2.07147	0.252398	0.639643	-1.56337	0.0298691	0.384759	-2.59903		0.11088	0.52246	-1.91402	0.941812	0.979085	-1.02756	0.905995	1.04514	1.04514	0.87912	0.944796	-1.05843	1.92078	4.24957	1.96559	1
cg02052627	STAT4		0.185298		0.933116	0.93859	-1.06529	0.249884	0.624205	-1.60229	0.550296	1.31306	1.31306	0.294553	1.2064	1.2064	0.0911	1.37286	1.37286		0.453134	1.1416	1.1416	0.355082	1.12757	-1.61937	0.585522	1.28196	1.28196	0.617172	0.796684	-1.25523	1.92078	1.28196	0.86427	1
cg03574360	ANXA7;ANXA7		0.185296		0.454014	0.837098	-1.1946	0.0306717	0.553259	-1.80747	0.173384	1.40175	1.40175	0.902185	0.971742	-1.02908	0.870715	0.962739	-1.0387		0.234299	0.747763	-1.33732	0.381727	0.57228	-1.7474	0.450065	0.835745	-1.19654	0.491404	0.849647	-1.17696	1.92078	1.65347	0.765184	1
cg04382077	CHPF2;RIBC71		0.185297		0.732477	0.910866	-1.09782	0.0743554	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1
cg19057882	RALGAPB		0.185298		0.5398	0.944951	-1.05826	0.0383089	1.2448	1.2448	0.0427721	1.23704	1.23704	0.365841	1.08845	1.08845	0.300771	1.10275	1.10275		0.338986	1.09407	1.09407	0.892749	0.98777	-1.01238	0.261649	1.12169	1.12169	0.0600354	1.21351	1.21351	1.92077	0.253013	0.117143	1
cg04130042	GSTT1		0.185303		0.580053	0.709433	-1.40958	0.131762	0.360155	-2.77658	0.179708	2.44605	2.44605	0.973516	1.02106	1.02106	0.554986	1.4547	1.4547		0.323415	0.527182	-1.89688	0.665809	1.13159	1.13159	0.0215136	5.65918	5.65918	0.347426	1.83545	1.92075	11.9864	5.54709	1
cg23124111	TMEM187		0.185304		0.266841	1.08729	1.08729	0.0458389	0.77119	-1.29656	0.0177476	0.93848	-1.06548	0.599514	1.35529	1.35529	0.0202661	1.25905	1.25905		0.313763	0.55267	-1.8094	0.444806	1.55794	1.55794	0.204311	2.14351	2.14351	0.812417	1.14489	1.14489	1.92072	0.854098	0.45607	1
cg08073591	FAM47E		0.185308		0.0231093	0.21309	-4.69286	0.818844	1.13965	1.13965	0.476427	1.51	1.51	0.0932759	0.349651	-2.85999	0.996565	1.00245	1.00245		0.313763	0.55267	-1.8094	0.444806	1.55794	1.55794	0.204311	2.14351	2.14351	0.812417	1.14489	1.14489	1.92072	0.854098	0.45607	1
cg23572228	RADIL		0.185309		0.7764851	0.948619	1.05402	0.0904422	-1.11059	0.674064	0.0225	0.925638	-1.08034	0.842434	1.21799	1.21799	0.294156	1.17373	1.17373		0.0107982	0.76092	-1.31366	0.302849	0.7784959	-1.28459	0.0247179	0.5866079	-1.70462	0.104488	0.643556	1.1416	1.1416	1.19072	0.840188	0.448366	1
cg05396584	FASN		0.185313		0.76694	0.808626	-1.11281	0.0169482	0.85013	0.0277877	0.254792	0.54792	0.312808	0.145567	1.45567	0.762369	1.11523	1.11523		0.988819	0.994973	-1.00505	0.839238	0.929553	-1.07579	0.705128	0.872214	-1.14651	0.792903	1.09925	1.09925	1.92069	1.93429	1.82078	1
cg12830694	PPP1R14A		0.185315		0.911406	1.02514	1.02514	0.416819	0.831011	-1.20335	0.650979	0.914609	-1.09336	0.155527	1.40357	1.40357	0.0128326	0.501879	-1.99251		0.492432	1.16827	1.16827	0.254204	1.30106	1.30106	0.82477	0.951735	-1.05071	0.8121267	0.948281	-1.05454	1.92068	1.51377	0.700568	1
cg13516291	FITM1		0.185316		0.0375834	0.68107	-1.46802	0.0204354	0.608432	-1.64354	0.0224244	0.825638	-1.21064	0.0380803	0.702121	-1.42402	0.0234234	1.24274	1.24274	0.568098	1.02011	1.02011	0.960869	0.255325	-3.91657	0.309722	0.535919	-1.86595	1.92068	10.7114	4.95723	1
cg08330040	GABRG3		0.185318		0.359365	0.829416	-1.20567	0.320694	0.815765	-1.22584	0.163796	0.746703	-1.33922	0.85424	1.03717	1.03717	0.144708	1.06717	1.06717		0.714535	0.929688	-1.07563	0.0158278	1.79792	1.79792	0.88702	1.02818	1.02818	0.228983	1.778375	-1.28473	1.92067	1.19812	0.55449	1
cg26161881	GFRA2;GFRA2;GFRA2		0.185324		0.3574383	0.808434	-1.23734	0.0726728	0.893853	0.8193134	-1.22053	0.9207217	0.8506	-1.17548	1.02015	1.02015	0.7650	1.02015	1.02015	0.9398	0.2296004	0.641546	-1.55698	0.0117652	1.55698	1.55698	1.92062	1.40995	0.8276161	0.8790414	1.92062	0.7112	0.315048	1
	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5;																																	
cg17151560	PLEKHG5		0.185319		0.354888	0.70962	-1.4092	0.374151	1.38929	1.38929	0.323344	0.692357	-1.44434	0.987465	0.994354	-1.00568	0.451466	0.758429	1.31851		0.0142237	0.336216	2.97428	0.263592	0.657025	-1.52201	0.0559531	0.458229	-2.18231	0.5702219	0.813187	-1.22973	1.92066	3.95152	1.82878	1
cg05392293	FBMD4A		0.185321		0.909185	1.0523	1.0523	0.143572	2.01804	2.01804	0.425449	1.43957	1.43957	0.637311	1.20828	1.20828	0.24324	1.72551	1.72551		0.92562	0.959141	-1.04226	0.707212	0.70591	-1.41574	0.104514	2.01062	2.01062	0.347254	1.54093	1.54093	1.92065	6.07142	2.80989	1
cg26926833	CORO1A		0.185321		0.909116	0.932838	-1.072	0.973065	-1.02077	-1.02077	0.776199	1.18949	1.18949	0.249568	0.480644	-2.08054	0.109221	0.345302	-2.89602		0.378161	0.576659	-1.73413	0.291534	1.94708	1.94708	0.0517392	3.84906	3.84906	0.101181	2.98259	2.98259	1.92065	11.2751	5.2182	1
cg22054191	POU2F2		0.185321		0.49977	1.32205	1.32205	0.0200323	1.34772	1.34772	0.146462	1.88765	1.88765	0.487473	1.33333	1.33333	0.630534	1.18252	1.18252		0.200157	1.2554	1.2554	0.256151	0.595534	-1.67916	0.612328	0.811881	-1.23171	0.547445	1.18493	1.18493	1.92064	1.50884	0.3413	1
cg17102042	PTPRN2;PTPRN2;PTPRN2		0.185324		0.0783045	0.382218	-2.61631	0.152847	0.471023	-2.12304	0.29122	0.583593	-1.71352	0.529419	0.367191	1.36791	0.0219413	0.258797	-3.86403		0.319264	0.457276	-2.18686	0.644167	0.795564	-1.25697	0.74231	1.17614	1.17614	0.219848	0.53026	-1.88587	1.92064	7.35506	3.40399	1
cg06692023	CDC123;CDC123;NUDT5		0.185326		0.256647	0.915328	-1.0925	0.469275	0.948319	-1.05448	0.96905	0.997239	-1.00277	0.395854	1.064	1.064	0.120653	1.1276	1.1276		0.857104	1.0104	1.0104	0.972664	1.05286	1.05286	0.0715067	1.15441	1.15441	0.0321352	1.1961	1.1961	1.92062	0.143934	0.0716594	1
cg21014238	PAFAH1B2		0.185328		0.666748	1.09707	1.09707	0.644944	1.34307	1.18307	0.0373497	0.4274	-2.33973	7	0.4274	-2.33973	7	0.4443807	0.32147	3.12147	-2.33973		0.359313	1.36349	1.36349	0.215553	0.5314476	-1.88351	0.1453714	0.5728894	-1.74552	1.93227	3.45964	1.79045	1
cg06150430	ST6GALNAC2		0.185331		0.0999751	0.495459	-2.01833	0.162222	1.77745	1.77745	0.143784	1.844	1.844	0.794994	1.11243	1.11243	0.0724804	0.458037	-2.18323		0.269822	0.639105	-1.56469	0.796207	1.10609	1.10609	0.661381	0.842214	-1.18735	0.232178	0.613745	-1.62934	1.9206	4.6173	2.13697	1
cg18894315	NUPL1;NUPL1;NUPL1;NUPL1		0.185333		0.344882	1.14922	1.14922	0.0458389	0.77119	-1.29656	0.0177476	0.93848	-1.06548	0.599514	1.35529	1.35529	0.0202661	1.25905	1.25905		0.2790011	1.6266	1.6266	0.0124964	0.579673	-1.72511	0.179368	0.944156	-1.06252	0.228716	1.24788	1.24788	1.92059	0.394781	0.432617	1
cg04805619	ZBBX		0.185334		0.227508	0.7547	-1.32503	0.455885	1.18377	1.18377	0.369404	1.22726	1.22726	0.0616017	0.626425	-1.59636	0.776317	0.938679	-1.06533		0.0894141	0.659653	-1.51595	0.295842	0.785985	-1.27229	0.969807	1.00844	1.00844	0.11452	1.46421	1.46421	1.92058	1.50116	0.694773	1
cg13161621	IQSEC2		0.185335		0.13052	2.27501	2.27501	0.177193	0.46799	-2.05849	0.813679	0.880853	-1.12421	0.724557	0.8369868	-1.19493	0.0713359	0.362827	-2.75613		0.437443	0.671175	-1.48993	0.0290681	0.27392	-3.6507	0.0239044	0.1144	0.11444	0.0916226	0.05439	-3.68459	1.92058	0.70729	0.334711	1
cg15174822	RGL2;RGL2		0.185335		0.139968	0.470942	-2.12341	0.925784	0.956781	-1.04517	0.668795	0.380989	-2.62475	0.202017	0.271858	-3.6784	0.283919	0.589454	1.69714	0.674197	0.816865	-1.22419	0.309193	0.607111	-1.64714	0.167692	0.497924	-2.00834	0.057008	1.360157	-2.77657	1.92058	5.8396	3.16553	1
cg20555922	FAM83C		0.185339		0.260596	0.794957	-1.25793	0.43934	0.857064	-1.16677	0.0178691	0.569515	-1.75588	0.42032	1.1747	1.1747	0.218086	0.776183	-1.28836		0.291282	1.23482	1.23482	0.44095	0.857548	-1.16612	0.122175	0.720639	-1.38766	0.8091022	0.95377	-1.04847	1.92055	1.16331	0.538414	1
cg14060695	ZNF784		0.185342		0.55555	0.672399	-1.48653	0.0193081	0.515018	-1.94158	0.0275518	0.116568	-1.51228	7	7	7	7	7	7		7	7	7	7	7	7	7	7	7	7	7	7	7	7	1
cg18798744	DNAJC18		0.185345		0.851838	0.978857	-1.0216	0.783309	0.03201	-1.03201	0.540687	1.07182	1.07182	0.552232	1.07115	1.07115	0.132558	1.20382	1.20382		0.769884	1.03423	1.03423	0.00921071	0.685328	-1.45916	0.726569	1.04094	1.04094	0.96645	0.995204	-1.00482	1.9205	0.397342	0.183906	1
cg21801127	MSRB3;MSRB3		0.185345		0.0747759	0.824114	-1.21316	0.0462826	0.514389	-1.94426	0.0241356	0.16856	1.6088	1.6088	0.165237	1.33169	0.131169	0.887168	1.12658	1.6088	1.6088	0.165237	1.33169	0.887168	1.12658	0.0755265	1.14816	1.14816	0.0755265	1.14816	0.0755265	1.14816	1.92045	1.54845	0.402648	1
cg18797921	AMT;AMT;AMT;NICN1;AMT;AMT		0.185351		0.344722	0.670201	-1.49209	0.861531	0.930729	-1.07443	0.153032	0.533012	-1.87613	0.684361	1.183	1.183	0.00925484	0.257155	-3.88871		0.1770105	0.554305	-1.80406	0.192776	0.56735	-1.76258	0.815281	1.10101	1.10101	0.80408	0.946699	-1.0563	1.92049	0.14256	2.3802	1
cg12615916	CDC42BPA;CDC42BPA		0.185354		0.58112	0.910306	-1.09853	0.0275798	0.64466	-1.55169	0.113194	1.33736	1.33736	0.975311	0.994796	-1.00523	0.111394	0.746459	-1.33966		0.40404	1.15486	1.15486	0.70129	0.939074	-1.06715	0.684607	0.933454	-1.07129	0.3900099	1.1601	1.1601	1.92048	0.864919	0.400326	1
cg22998840	TCEAL3;TCEAL3		0.185356		0.8818828	0.992656	-1.00742	0.973213	0.945095	-1.05776	0.0104348	0.899512	-1.11175	0.492401	0.970717	1.03034	0.0234622	0.901431	1.11573		0.113334	0.982985	-1.01715	0.896339	0.994216	-1.00573	0.0228883	0.792049	1.26244	0.279049	1.02447	1.02447	1.9207	1.51086	1.53186	1
cg13463718	TRAF2		0.185356		0.4584227	1.98921	1.98921	0.0224693	12.0661	12.0661	0.0113859	17.9132	17.9132	0.605683	1.60701	1.60701	0.528708	1.78852	1.78852		0.850715	1.18724	1.18724	0.451547	2.01115	2.01115	0.521813	1.80654	1.80654	0.710091	1.40514	1.40514	1.92047	25.2385	11.6816	1
cg19737540	EML1;EML1		0.185359		0.0789392	1.71295	1.71295	0.0127769	0.567788	-1.76122	0.0178382	0.602323	-1.10825	0.726942	1.10132	1.10132	0.0109853	0.510303	1.12303		0.1201468	1.19057	1.19057	0.0127262	0.5095172	-1.96293	0.0250681	0.4979	1.4979	0.0116924	0.6681358	1.16994	1.16994	0.32483	0.10679	1
cg03604367	SCIN		0.185363		0.233325	0.70747	3.07047	0.998536	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5637 vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25533361	EIF3B;EIF3B FAM172A;FAM172A;FAM172A;FAM172	0.185533	0.049223	0.713864	-8.07335	0.602082	1.63369	1.63369	0.058599	0.136089	-7.29986	0.884424	1.14492	1.14492	0.577919	0.592744	-1.68707	?	?	?	0.228345	1.24265	3.24265	0.570991	2.60108	0.582492	1.6763	1.6763	1.93117	23.5358	12.1873	1
cg00952109	A	0.185536	0.13858	0.380033	-2.62027	0.592516	0.544013	-1.83819	0.823751	0.8735	-1.14482	0.555327	0.562727	-1.77706	0.045179	0.249256	-4.02811	0.196017	0.436491	-2.291	0.0125546	0.186596	-5.35918	0.226842	0.463036	-2.15826	0.0853429	0.315628	-1.16829	1.91952	11.3753	5.37506	1
cg01641994	EHMT2;EHMT2	0.185536	0.0192879	0.758817	-1.31784	0.597772	0.949404	-1.05329	0.359089	1.06632	1.06632	0.439276	1.07996	1.07996	0.279037	0.896258	1.1116	0.685474	0.961073	-1.0405	0.201798	0.14046	1.14046	0.289898	0.898421	-1.11306	0.282394	0.806796	-1.13208	1.91952	0.2890888	0.133871	1
cg08416676	DDF1	0.185536	0.991426	0.998098	-1.00191	0.991529	1.00188	1.00188	0.509646	0.888268	-1.12579	0.272384	0.816796	-1.2243	0.576313	1.10516	1.10516	0.0664104	1.44002	1.44002	0.0379108	1.53167	1.53167	0.183978	0.779066	-1.28359	0.34488	1.18807	1.18807	1.91952	0.9538872	0.441719	1
cg08228813	ZNF679	0.185538	0.995512	1.00144	1.00144	1.04641	1.49073	1.49073	0.9301174	1.92163	1.92163	0.0848611	1.62912	1.62912	0.198688	0.706195	-1.41604	0.314097	1.30556	1.30556	0.470147	1.20705	1.20705	0.605035	1.14296	1.14296	0.494609	0.837253	-1.19438	1.91951	1.99409	0.923425	1
cg09243909	FTO	0.185538	0.420915	0.630614	-1.58576	0.103999	0.369069	-2.70952	0.200403	0.46841	-2.13488	0.533453	1.4243	1.4243	0.134358	0.404441	-2.47255	0.954938	1.03219	1.03219	0.106091	0.371685	-2.69045	0.0710804	3.09766	3.09766	0.877504	0.917144	-1.09034	1.91951	0.559518	4.42669	1
cg08441886	RFX1;RFX1	0.185539	0.715358	1.158	1.158	0.724336	1.52238	1.52238	0.0878262	0.464627	-2.15226	0.447441	1.36354	1.36354	0.166726	0.75158	1.33158	0.31151	0.657457	-1.52126	0.0479382	0.402954	-2.48175	0.0713754	0.516602	-1.9355	0.622597	1.21982	1.21982	1.9195	4.87716	2.25853	1
cg02900476	RAPGEF4	0.185543	0.264203	0.518969	-1.9269	0.118647	0.384925	-2.59791	0.684996	0.756469	-1.25842	0.525365	0.948562	-1.05423	0.958528	1.04356	1.04356	0.252613	1.39658	1.39658	0.0253219	2.56125	2.56125	0.369539	0.950784	-1.05183	0.963693	1.03798	1.03798	1.91952	9.65661	4.47186	1
cg22440431	VASH2;VASH2;VASH2	0.185544	0.314797	0.760405	-1.31509	0.398108	1.25606	1.25606	0.913185	0.971672	-1.02915	0.970279	0.990231	-1.00987	0.0121226	0.438668	-2.27963	0.11422	0.635885	-1.57261	0.430884	1.2359	1.2359	0.604283	0.871302	-1.14771	0.320207	0.762879	-1.31082	1.91947	2.11082	0.9775	1
cg13581799	TMEM212	0.185545	0.683488	1.15927	1.15927	1.03188	1.15791	1.15791	0.110971	0.533285	-1.87517	0.786789	1.10268	1.10268	0.0422477	0.907188	-1.10238	0.349077	1.43548	1.43548	0.197705	1.63509	1.63509	0.528788	0.794441	-1.25868	0.850521	1.07039	1.07039	1.91947	3.95166	1.82898	1
cg13250679	KIF26A	0.185554	0.27701	0.73417	-1.36228	0.61521	1.14858	1.14858	0.51841	0.836463	-1.19595	0.244226	0.716785	-1.39512	0.234307	0.711231	-1.40601	0.0534482	0.549051	-1.82132	0.0195957	0.46263	-2.16156	0.0942453	0.604822	-1.65338	0.394481	0.787905	-1.26919	1.91943	2.27091	1.05166	1
cg23727007	LOC285830;1QLOC285830	0.185554	0.137758	1.3332	1.3332	1.096564	0.783637	-1.2761	0.412444	0.860037	-1.16274	0.895373	0.956775	-1.04518	0.615526	0.912917	-1.09539	0.584808	0.905492	-1.10417	0.0930998	0.653436	-1.53119	0.449802	1.14969	1.14969	0.174883	1.29645	1.29645	1.91942	0.9940202	0.455786	1
cg03123773	RPL41;RPL41	0.18556	?	?	?	0.173091	2.25386	2.25386	0.083767	2.92612	2.92612	0.0949767	0.357626	-2.79622	0.279742	1.86686	-1.86686	0.464851	0.662396	-1.50967	0.876052	0.917403	-1.09003	0.883466	0.922188	-1.08438	0.130419	2.40153	2.40153	2.01605	8.47345	3.67762	1
cg01507084	CNTFR;CNTFR	0.18556	0.613834	0.663073	-1.50813	0.872617	1.13834	1.13834	0.882755	0.45702	0.56702	0.214862	0.286991	2.86991	0.0303703	0.128071	-7.80814	0.448657	1.86542	1.86542	0.309126	2.3395	2.3395	0.291246	2.42137	2.42137	0.45768	1.84172	1.84172	1.91939	19.8212	9.17941	1
cg05359750	SH3PXD2A	0.185565	0.257302	0.498082	-2.00681	0.77057	0.841789	-1.18795	0.571779	0.714007	-1.40007	0.802127	0.852551	-1.15938	0.0346473	0.334476	-2.45478	0.0357848	0.237222	-4.21546	0.102897	0.349653	-2.86016	0.494383	0.664517	-1.50485	0.120232	0.370585	-2.69843	1.91936	10.5443	4.88324	1
cg00659057	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.185566	0.306545	2.48136	2.48136	0.2238409	10.1261	10.1261	0.021277	10.7681	10.7681	0.409584	2.06271	2.06271	0.166475	3.5486	3.5486	0.478915	1.85517	1.85517	0.113622	4.38372	4.38372	0.310051	2.46401	2.46401	0.386771	2.14181	2.14181	1.91936	22.4045	10.3759	1
cg14454127	AHR	0.185567	0.158663	0.37901	-2.63845	0.402522	0.602327	-1.66023	0.650764	0.745684	-1.34105	0.493985	0.632546	-1.58096	0.0301227	0.193568	-5.16615	0.255311	0.405468	-2.46457	0.0442605	0.203874	-4.93132	0.0347993	0.309512	-3.23158	0.0425159	0.242559	-2.16189	1.91936	12.6038	5.83704	1
cg05483252	RAB5A	0.18557	0.321505	0.723306	-1.38254	0.983347	0.993421	-1.00662	0.442269	0.780528	-1.28118	0.0319818	0.451699	-2.21386	0.664116	0.870942	-1.14818	0.413661	0.76774	-1.30252	0.0147191	0.386923	-2.5845	0.12625	0.550626	-1.81674	0.307923	0.716212	-1.39623	1.91934	3.04055	1.40815	1
cg13809236	MAP3K8P1	0.18557	0.123973	3.21507	3.21507	0.0313019	5.87666	5.87666	0.0575153	4.50808	4.50808	0.19654	2.60455	2.60455	0.1812	2.70503	2.70503	0.120053	3.26164	3.26164	0.071663	4.09564	4.09564	0.195077	2.61367	2.61367	0.318327	2.06069	2.06069	1.91934	14.9388	6.91847	1
cg08414108	SYNJ2	0.185572	0.158663	0.37901	-2.63845	0.402522	0.602327	-1.66023	0.650764	0.745684	-1.34105	0.493985	0.632546	-1.58096	0.0301227	0.193568	-5.16615	0.255311	0.405468	-2.46457	0.0442605	0.203874	-4.93132	0.0347993	0.309512	-3.23158	0.0425159	0.242559	-2.16189	1.91936	12.6038	5.83704	1
cg08483252	RAB5A	0.18557	0.321505	0.723306	-1.38254	0.983347	0.993421	-1.00662	0.442269	0.780528	-1.28118	0.0319818	0.451699	-2.21386	0.664116	0.870942	-1.14818	0.413661	0.76774	-1.30252	0.0147191	0.386923	-2.5845	0.12625	0.550626	-1.81674	0.307923	0.716212	-1.39623	1.91934	3.04055	1.40815	1
cg13809236	MAP3K8P1	0.18557	0.123973	3.21507	3.21507	0.0313019	5.87666	5.87666	0.0575153	4.50808	4.50808	0.19654	2.60455	2.60455	0.1812	2.70503	2.70503	0.120053	3.26164	3.26164	0.071663	4.09564	4.09564	0.195077	2.61367	2.61367	0.318327	2.06069	2.06069	1.91934	14.9388	6.91847	1
cg08414108	SYNJ2	0.185572	0.158663	0.37901	-2.63845	0.402522	0.602327	-1.66023	0.650764	0.745684	-1.34105	0.493985	0.632546	-1.58096	0.0301227	0.193568	-5.16615	0.255311	0.405468	-2.46457	0.0442605	0.203874	-4.93132	0.0347993	0.309512	-3.23158	0.0425159	0.242559	-2.16189	1.91936	12.6038	5.83704	1
cg03945800	ADCY9	0.185573	0.451129	0.801259	-1.24804	0.453373	1.27849	1.27849	0.236247	1.43071	1.43071	0.0464807	0.799504	-1.25078	0.0763862	0.566133	-1.76637	0.648573	1.14159	1.14159	0.117038	0.611791	-1.63455	0.0400422	0.504179	-1.98342	0.672728	0.884606	-1.13045	1.91932	2.53168	1.17249	1
cg25828872	DSBP6	0.185574	0.0982292	0.816216	1.22473	0.219564	0.784357	-1.27496	0.0966562	0.590961	0.882315	-1.13364	0.0883463	0.674045	1.6443	0.108261	-9.23709	0.203979	0.858445	-1.1644	0.0178955	0.644253	-1.55204	0.0930998	0.653436	-1.53119	0.0449802	0.208915	-4.78753	1.91932	1.62465	0.752463	1
cg08446985	RAB1B	0.185575	0.445363	0.872651	-1.14593	0.418176	1.15594	1.15594	0.24042	0.805654	-1.24123	0.871641	1.02864	1.02864	0.134106	0.751734	-1.33026	0.115345	0.738761	-1.35362	0.139312	0.755064	-1.32439	0.0597134	1.45945	1.45945	0.649757	0.923212	-1.08317	2.00535	0.947679	0.367558	1
cg18103150	DNH01;DNH01 HFE;HFE;HFE;HFE;HFE;HFE;HFE;HF	0.185577	0.558798	1.23748	1.23748	0.255602	2.6017	2.6017	0.43035	1.33423	1.33423	0.208004	1.61358	1.61358	0.172088	1.68855	1.68855	0.0832837	1.99576	1.99576	0.0431812	2.31256	2.31256	0.188926	1.65141	1.65141	0.125223	1.81866	1.81866	1.9193	3.94852	1.82868	1
cg20485758	E	0.185579	0.298773	0.652962	-1.53148	0.277926	0.639839	-1.56289	0.134937	0.528445	-1.89234	0.694185	0.855224	-1.16928	0.0175787	0.318727	-3.13748	0.861832	1.07138	1.07138	0.882288	1.06039	1.06039	0.202565	1.70307	1.70307	0.502199	1.30936	1.30936	1.9193	4.76122	2.20508	1
cg12204732	DOCK1;FAM196A	0.18558	0.0288079	0.436839	-2.28917	0.702524	1.13119	1.13119	0.345141	1.36638	1.36638	0.27128	0.692179	-1.44471	0.756404	0.904875	-1.10513	0.0433752	0.474090	-2.10926	0.998827	0.999528	-1.00047	0.59186	1.18989	1.18989	0.470411	1.26603	1.26603	1.91929	3.13681	1.45277	1
cg06058235	FBJ;FAFB1;FBA3;IRA1;FBJ;FBA2-HAFB2 TPDS2L2;TPDS2L2;TPDS2L2;TPDS2L2;T	0.185587	0.608705	1.12877	1.12877	0.353903	0.799503	-1.25078	0.13122	0.682293	-1.46565	0.344956	1.25635	1.25635	0.0933306	0.648534	-1.54194	0.618288	1.12508	1.12508	0.0925408	1.54387	1.54387	0.110068	0.66458	-1.50471	0.978306	1.0064	1.0064	1.91925	1.67301	0.774844	1
cg09655559	PDS2L2;TPDS2L2	0.185589	0.728755	0.924796	-1.08132	0.144558	1.42198	1.42198	0.10933	1.48007	1.48007	0.458821	1.18459	1.18459	0.129885	1.44402	1.44402	0.63155	0.897173	-1.11467	0.133779	0.698143	1.43237	0.157389	0.712089	-1.40432	0.14339	0.828787	-1.20658	1.91924	1.53303	0.710015	1
cg25207857	SDE1;SDE1	0.185589	0.221928	0.785498	-1.27316	0.0945052	0.599339	-1.66824	0.187234	0.492149	-2.03144	0.494179	0.750296	-1.33281	0.668664	1.4951	1.4951	0.523821	0.760318	-1.31541	0.139886	0.582631	-1.71612	0.0575753	0.409657	-2.44107	0.803478	1.10869	1.10869	1.91924	5.60475	2.41457	1
cg13375462	FARP1;FARP1;FARP1;FARP1	0.185591	0.814666	0.958717	-1.04306	0.489881	0.881674	-1.13421	0.650289	0.921321	-1.0854	0.0334391	0.640069	-1.56233	0.0519729	0.672353	1.48731	0.0911571	0.716008	-1.39663	0.682323	0.928777	-1.07668	0.0350075	0.643357	-1.55435	0.50499	0.885631	-1.12914	1.91923	0.976828	0.453806	1
cg26993105	ACTR3;ACTR3B	0.185592	0.853318	0.05193	1.05193	0.714423	0.904362	-1.10575	0.123476	0.57834	1.57834	0.110278	1.60972	1.60972	0.85058	0.949725	-1.05294	0.952075	0.983694	-1.01658	0.0241819	0.47942	-2.08586	0.263988	0.727252	-1.37504	0.862541	1.04854	1.04854	1.91922	2.27418	1.05329	1
cg16645202	SLCO3A1;SLCO3A1	0.185594	0.716971	1.09761	1.09761	0.913952	0.599339	-1.66824	0.187234	0.492149	-2.03144	0.494179	0.750296	-1.33281	0.668664	1.4951	1.4951	0.523821	0.760318	-1.31541	0.139886	0.582631	-1.71612	0.0575753	0.409657	-2.44107	0.803478	1.10869	1.10869	1.91924	5.60475	2.41457	1
cg12163800	RHBDF2;RHBDF2	0.185605	0.693085	1.10686	1.10686	0.647947	1.12487	1.12487	0.660209	1.11989	1.11989	0.433143	0.814868	-1.22719	0.970561	0.990599	-1.00949	0.361297	0.786476	-1.27149	0.00685242	2.45051	2.45051	0.959823	1.01298	1.01298	0.464541	0.826521	-1.20989	1.91916	1.99126	0.922284	1
cg15644189	C22orf34;YWHAH	0.185605	0.491431	0.71478	1.39895	0.625795	0.842364	-1.13332	0.558205	0.74253	-1.34653	0.5183	0.753189	-1.32763	0.0103436	0.663378	-1.50737	0.41593	0.79379	-1.25982	0.0334095	0.511006	-1.88322	0.0447879	0.531006	-1.88319	0.0105098	0.0955198	-10.4715	1.91917	0.707107	0.319354	1
cg27375297	C6orf136;C6orf136;C6orf136	0.185605	0.227119	1.49501	1.49505	0.670083	1.91774	1.91774	0.402773	1.31202	1.31202	0.236841	1.48153	1.48153	0.107355	1.34116	1.34116	0.0504113	2.02841	2.02841	0.0128409	2.18127	2.18127	0.694107	1.88217	1.88217	0.0881278	1.13356	1.91915	1.05739	1.41608	1
cg20013510	C11orf58;C11orf58;C11orf58;C11orf58	0.185606	0.713218	0.959737	-1.04195	0.0247415	0.742583	-1.34665	0.978	0.996935	-1.00307	0.416006	0.911605	-1.09697	0.167869	0.849055	-1.17778	0.0415476	0.7698	-1.29904	0.811661	0.973775	-1.02693	0.375523	0.903707	-1.10655	0.263575	1.13854	1.13854	1.91915	0.376705	0.174478	1
cg24678211	B3GNTL1	0.185607	0.9544	1.03191	1.03191	0.300377	1.80304	1.80304	0.344432	0.585714	-1.70732	0.0251728	0.231654	-4.31678	0.0468184	0.286472	-3.49075	0.217163	0.490063	-2.04055	0.36159	0.599854	-1.66707	0.580088	0.735681	-1.35928	0.207513	0.481879	-2.07521	1.91914	9.17065	4.24757	1
cg06251571	VSX2	0.185608	0.740581	1.09761	1.09761	0.913952	0.599339	-1.66824	0.187234	0.492149	-2.03144	0.494179	0.750296	-1.33281	0.668664	1.4951	1.4951	0.523821	0.760318	-1.31541	0.139886	0.582631	-1.71612	0.0575753	0.409657	-2.44107	0.803478	1.10869	1.10869	1.91924	5.60475	2.41457	1
cg04176384	VEZF1	0.185612	0.570486	1.15393	1.15393	0.0313759	0.532343	-1.87849	0.943042	0.982316	-1.018	0.411745	0.810926	-1.23316	0.480149	1.19629	1.19629	0.435966	1.21953	1.21953	0.228492	1.3711	1.3711	0.35334	1.2693	1.2693	0.0732411	1.6479	1.64679	1.91912	1.80524	0.877832	1
cg25779917	GPR183;UBAC2;UBAC2;UBAC2	0.185618	0.100304	0.544698	-1.83588	0.0479729	0.465723	-2.14721	0.183993	0.444485	-2.25044	0.0441845	0.711092	-1.40619	0.0116914	0.440844	-2.26836	0.979457	1.05253	1.05253	0.56583	-1.09101	0.916552	-1.09101	0.916552	0.722567	-1.38395	0.0732186	0.512642	-1.95068	1.91909	3.44569	1.66293	1
cg24798603	MVK;MMAB;MVK	0.185618	0.208668	0.70636	-1.41527	0.217169	1.44598	1.44598	0.850146	0.950497	-1.05208	0.744369	0.91592	-1.0918	0.160981	0.660047	-1.51466	0.168073	0.434134	-2.30413	0.0483781	0.598412	1.67093	0.154143	1.88273	0.584753	1.15966	1.15966	1.91908	2.18996	1.01435	1
cg02695751	CCL18	0.185624	0.125305	0.758365	-1.31863	0.169831	1.27624	1.27624	0.490235	0.889667	-1.12402	0.787242	1.04616	1.04616	0.0845127	0.727379	-1.3748	0.376388	0.85948	-1.16349	0.126901	1.31707	1.31707	0.969426	0.993627	-1.00641	0.135511	0.763397	-1.30993	1.91905	0.845772	0.391754	1
cg25784624	JAZF1	0.185625	0.0387905	0.256008	-3.90625	0.0345067	0.545538	-1.83345	0.187184	0.238092	0.886683	-2.04633	0.485201	0.606437	-1.55072	0.0527985	0.283015	0.436037	0.636016	-1.57229	0.0285265	0.331095	-3.02018	0.0153799	0.243511	-4.10795	0.0483572	0.170286	-5.26137	1.91905	1.97107	0.856573	0.56555	1
cg08351085	GRTP1	0.18563	0.941839	0.986787	-1.01339	0.0216507	0.65308	1.65308	0.396516	0.853615	-1.17149	0.514026	1.12822	1.12822	0.347618	1.06062	1.06062	0.0391893	1.545	1.545	0.130701	1.34651	1.34651	0.613901	1.09717	1.09717	0.941923	0.986806	1.01337	1.91902	1.01	0.46783	1
cg06240652	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.18563	0.286301	0.494134	-2.023	0.0231555	0.707269	0.707269	0.076217	0.472367	1.47286	0.867445	0.899309	-1.11197	0.730729	0.806255	-1.24007	0.996121	1.0031	1.0031	0.960347	0.823198	-1.21493	0.640535	1.72065	1.72065	0.099048	0.992004	-1.00076	1.91902	12.3955	5.6999	1
cg16139340	RBN3	0.185632	0.480705	0.854738	-1.16722	0.274124	1.27802	1.27802	0.106224	0.46309	0.108505	0.68547	-1.45885	0.942721	0.315162	1.01562	-1.01562	0.0572879	0.628826	-1.59026	0.16004	0.755562	-1.3595	0.369291	0.910632	-1.22006	0.991304	0.909562	-1.00255	1.91901	1.14422	0.655071	1
cg03581271	PALLD;PALLD;PALLD;PALLD PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.185633	0.294992	0.590044	-1.69479	0.0369282	0.345205	2.24505	0.285614	1.71378	1.71378	0.692954	0.82467	-1.21261	0.0752851	0.382124	-2.61695	0.517803	0.72724	-1.37506	0.288855	0.585775	-1.70714	0.690788	0.823477	-1.21436	0.341289	0.621061	-1.61015	1.919	7.17128	3.32176	1
cg27160537	PRKAR1B;PRKAR1B	0.185635	0.34261	0.614545	-1.62722	0.175515	2.04894	2.04894	0.279498	0.571296	-1.7504	0.598596	0.767576	-1.3028	0.0264192	0.269621	-3.7089	0.351514	0.620369	-1.61194	0.0593261	0.346439	-2.88651	0.24809	0.548124	-1.82441	0.462722	0.691566	-1.44599	1.919	7.53595	3.49069	1
cg20892990	FGF4	0.185643	0.951339	0.98994	-1.01018	0.880725	0.97553	-1.02508	0.27198	1.20764	0.519472	1.13376	1.13376	0.414237	0.84037	0.88806	-1.12605	0.0203758	0.630486	-1.58608	0.171017	0.786231	-1.27189	0.144992	0.870192	-1.18759	0.260934	1.21343	1.21343	1.91896	0.787894	0.38326	1
cg22808161	CEACAM5	0.185643	0.0481929	0.326007	-3.06742	0.398657	0.651323	-1.53534	0.042616	0.231893	-3.1858	0.119726	0.432571	-2.31176	0.274662	0.568811	-1.75805	0.186521	0.499009	-2.00397	0.914106	0.947485	-1.05502	0.0535128	0.296292	-3.37505	0.505607	0.715123	-1.39836	1.91895	7.48901	3.46903	1
cg21610164	HIST1H2BI	0.185644	0.822456	1.21755	1.21755	0.552328	1.69309	1.69309	0.21309	1.15328	1.15328	0.488411	1.85239	1.85239	0.231441	3.00214	3.00214	0.156553	3.37083	3.37083	0.0885	5.18574	5.18574	0.0524173	6.90256	6.90256	0.0166082	12.9623	12.9623	1.91895	23.3137	10.7993	1
cg01698567	SFTA3	0.185645	0.0400751	0.24071	-4.15407	0.0243355	0.464364	-2.15363	0.0725686	0.174478	0.574478	0.0509607	0.457463	-2.18647	0.0196962	0.196248	-5.09603	0.443346	0.546544	-1.82964	0.0311944	0.095702	-10.4491	0.028121	0.113472	-7.42278	0.867031	1.1383	1.1383	1.91894	1.1383	0.41209	1
cg00500590	SERPINB8;SERPINB8;SERPINB8	0.185646	0.141998	1.47463	1.47463	0.291955	0.764134	-1.30867	0.400963	1.23554	1.23554	0.857501	0.962221	-1.03926	0.517259	0.850841	-1.17531	0.121996	1.51041	1.51041	0.0986452	0.64048	-1.56133	0.0760325	0.625335	1.62535	0.69229	1.02181	1.02181	1.91894	1.83955	0.852113	1
cg18561560	MFSD6L	0.185652	0.0221961	0.621741	-1.60871	0.271721	0.745952	2.87397	0.0211357	0.473937	2.11045	0.382084	0.445531	2.24436	0.0181104	0.164753	-6.07113	0.0160926	0.299121	3.34211	0.0129112	0.224145	4.46107	0.0110731	0.0931375	10.7366	0.0127911	0.0783975	12.7527	1.91891	0.0930343	0.0489396	1
cg05423209	TMEM192	0.185653	0.421809	0.846247	-1.18169	0.130654	1.39388	1.39388	0.115637	1.45617	1.41617	0.647701	0.910645	-1.09812	0.744131	1.0689	1.0689	0.46474	1.16343	1.16343	0.136749	0.721711	-1.38559	0.0476357	0.5854	1.5854	0.319412	1.23286	1.23286	1.9189	1.25792	0.582705	1
cg00421815	ARL15	0.185655	0.361006	0.706719	-1.41499	0.0120316	0.314181	-1.38288	0.454319	0.754466	-1.32544	0.428005	0.741461	-1.34869	0.513553	0.792066	-1.26252	0.714493	0.827990	-1.14548	0.141455	0.557378	-1.79411	0.406552	1.36871	1.36871	0.0814541	0.489728	-2.04195	1.91889	4.15295	1.92378	1
cg26130581	TGA2B	0.185656	0.062628	1.15907	1.15907	0.0335052	0.59339	-1.6733	0.131978	0.643004	-1.55472	0.645853	0.770103	-1.28697	0.0736712	0.512715	-1.95069	0.150935	0.432484	-2.31463	0.0378948	0.245577	-4.07871	0.186306	0.465823	-2.14674	0.344943	0.588372	-1.6996	0.143888	0.850308	0.418534	1
cg02602472	NRAP;NRAP	0.185657	0.570089	0.895138	-1.11715	0.0200662	0.581912	-1.71847	0.0525545	0.633501	-1.53022	0.371958	0.837845	-1.19354	0.797791	1.0508	1.0508	0.650574	1.092	1.092	0.313879	1.22266	1.22266	0.26386	0.798682	-1.25206	0.894315	0.974673	-1.02598	1.19888	1.1321	0.524429	1
cg06070054	CTDP1;CTDP1	0.185657	0.483086	0.774505	-1.29109	0.0241504	0.597726	-1.67288	0.0123	0.261079	-3.83123	0.0431079	-1.23293	0.383	-2.61077	0.44713	-2.23704	0.0290324	0.582224	-1.71755	0.0190034	0.582224	-1.71755	0.0190034	0.582224	-1.71755	0.0190034	0.582224	-1.71755	0.0190034	0.582224	-1.71755	0.0190034	0.582224	-1.71755	0.0190034	0.582224	-1.71755	0.0190034	0.582224	-1.71755	0.0190034	0.582224	-1.71755	0.0190034	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change|1047 vs. N)	p-value|1057 vs. N)	Fold-Change|1057 vs. N)	p-value|1117 vs. N)	Fold-Change|1117 vs. N)	p-value|1127 vs. N)	Fold-Change|1127 vs. N)	p-value|1217 vs. N)	Fold-Change|1217 vs. N)	p-value|3477 vs. N)	Fold-Change|3477 vs. N)	p-value|3537 vs. N)	Fold-Change|3537 vs. N)	p-value|5377 vs. N)	Fold-Change|5377 vs. N)	p-value|5637 vs. N)	Fold-Change|5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error)
cg22376146	ANKDD1	0.185829	0.0897398	0.531247	0.830884	0.520697	0.696093	-1.43659	0.207541	0.477422	-2.09458	0.264746	0.523806	-1.90911	0.01444379	0.186914	0.353027									
cg10566581	TGIF2	0.18583	0.634191	0.778322	-1.28482	0.0169947	4.57986	4.57986	0.717416	1.20927	1.20927	0.96572	1.02272	1.02272	0.89329	0.932238	1.07269									
cg01638225	LOC100130872,LOC100130872-SPON2	0.185834	0.478496	2.42485	2.42485	0.0126474	45.1777	45.1777	0.020027	31.503	31.503	0.733684	1.52168	1.52168	0.440595	2.62954	2.62954									
cg19714347	TRIM26	0.185835	0.104473	0.566567	-1.76502	0.217326	0.659991	-1.51517	0.341457	0.730652	-1.36864	0.524751	0.813549	-1.22918	0.0284429	0.436956	-2.28856									
cg07412048	MXI1	0.185841	0.294369	0.830189	-1.20405	0.170895	1.28339	1.28339	0.348002	0.847606	-1.17979	0.215211	0.799931	-1.25011	0.130182	0.750002	-1.32275									
cg26454191	PMS1,ORMDL1,ORMDL1;PMS1;PMS1	0.185842	0.333586	0.791279	-1.26378	0.114916	1.4954	1.4954	0.687328	0.909397	-1.09963	0.690334	1.09856	1.09856	0.437772	1.20417	1.20417									
cg10661655	NR2,NR2;NR2;NR2	0.185845	0.1286	0.834954	-1.19803	0.851369	0.975551	-1.0209	0.842274	1.04643	-1.04643	0.587794	1.0622	-1.06215	0.519505	1.07465	-1.07465									
cg06323611	ZNF550	0.185851	0.935526	0.967572	-1.03351	0.213564	0.585156	-1.90781	0.10592	0.486965	-2.05353	0.0865491	2.16279	2.16279	0.560232	0.786631	-1.27124									
cg04191142	IER3	0.185851	0.942948	0.989542	-1.01057	0.671771	0.939317	-1.0646	0.662055	0.937441	-1.06673	0.640246	1.07158	1.07158	0.257749	0.84074	-1.18943									
cg21245342|GLI2		0.185853	0.0963705	0.724407	-1.38022	0.0447459	2.57336	2.57336	0.0170703	0.381143	-2.62369	0.0858865	1.79207	1.79207	0.132242	0.558145	-1.79102									
cg23082867	DDX49;COPE;COPE.CDPE	0.185854	0.349036	0.66201	-1.50515	0.345175	1.51587	1.51587	0.175467	0.53987	-1.8523	?	?	?	0.384383	1.46462	1.46462									
cg15068318	SERPINB6	0.185862	0.922134	0.968574	-1.03245	0.829211	0.931881	-1.0231	0.657859	0.864532	-1.15669	0.505864	0.8021551	1.24654	0.0189276	0.395255	2.53001									
cg14748160	SLC12A2;FU33630	0.185863	?	?	?	0.149596	9.96603	3.96603	0.108227	4.77159	4.77159	0.793924	0.791796	-1.26295	?	?	0.313853	1.17947	1.17947	0.445096	2.00207	-2.00207	0.111463	0.213896	-4.69273	0.151409	0.253905	-3.93848	0.94341	19.0377	11.1954	1
cg21901223	ADAMTS2;ADAMTS2	0.185865	0.582703	0.755375	-1.32385	0.123747	2.32292	2.32292	0.64371	0.790198	-1.26514	0.655204	0.919703	-1.34837	0.314416	0.796109	-1.25611	0.655434	0.902521	-1.10345																	
cg03763860	ZC3H7B	0.185866	0.416203	0.834356	-1.19985	0.105802	0.979731	-1.02098	0.917373	1.04837	-1.04837	0.314416	0.796109	-1.25611	0.655434	0.902521	-1.10345									
cg16727027	C4orf14;PDLR2B ATXN1L;ATXN2L;ATXN2;ATXN2L|ATXN 2LATXN2L;ATXN2L;ATXN2L|ATXN2L;AT	0.185866	0.291562	1.67637	1.67637	0.158626	2.04348	2.04348	0.0885119	0.408321	-2.44905	0.653642	1.23643	1.23643	?	?	?	?	?	0.128864	0.458548	-2.1808	0.887979	1.6084	1.04281	4.65248	2.65707	1
cg23015198	XN2L	0.185868	0.906783	0.967227	-1.03188	0.0459008	0.521579	-1.91726	0.611621	0.864451	-1.1568	0.297987	0.735728	-1.3592	0.16672	0.657448	-1.52103	0.619648	1.15296	1.15296	0.0587183	1.83563	1.83563	0.314424	1.34438	1.34438	0.753917	0.91443	-1.09358	0.91777	2.45773	1.13916	1
cg21208855	OXR1	0.185868	0.2926801	0.520641	-1.92068	0.0188435	2.25528	2.25528	0.413009	1.6291	1.6291	0.111444	2.7484	2.7484	0.357684	0.737544	-1.73597	0.283172	0.520554	-1.92103	0.113481	0.548135	-1.82437	0.123139	0.377588	-2.64839	0.207584	2.17038	2.17038	0.91777	10.328	4.78702	1
cg25301982	PIKNOX2	0.185869	0.312024	1.39601	1.39601	0.241219	0.676148	-1.47897	0.028834	0.439605	-2.27477	0.320218	0.720621	-1.38769	0.0244125	0.765529	-1.30629	0.136849	0.599778	-1.66728	0.172368	1.59148	0.769326	1.09835	0.109835	0.801769	0.922889	-1.08355	0.91776	3.09065	1.43252	1
cg24065594	ANKRD22	0.185872	0.172385	1.55555	1.55555	0.182584	0.374376	1.79327	0.167853	0.399121	2.50159	0.0509197	0.5003	1.99242	0.0211534	0.286376	-3.49192	0.598205	1.01124	1.01124	0.952778	0.565348	-1.76882	0.0907007	0.490209	1.05409	0.213171	0.553554	1.80709	0.615286	2.68485	1
cg17156862	KLHDC7A	0.18587	0.104463	0.245308	-4.07651	0.172501	3.15708	3.15708	0.931567	1.07037	1.07037	0.29437	0.422682	-2.36584	0.207641	0.349221	-2.86352	0.570324	1.57487	1.57487	0.064342	0.198712	-5.0324	0.111074	0.252976	-3.95294	0.211915	0.353035	-2.83258	0.91776	19.042	8.82605	1
cg03251967	C2orf50;C2orf50	0.185873	0.296477	1.95382	1.95382	0.0509425	3.59809	3.59809	0.282193	0.50084	-1.99665	0.858503	0.89546	-1.11674	0.99586	1.00322	1.00322	0.643121	0.749234	-1.3347	0.671918	1.30158	0.361082	0.627973	-1.59243	0.0253284	0.58129	1.58129	0.19774	1.61281	5.38971	1
cg25196508	ADCY6	0.185879	0.0941852	0.836551	-1.19585	0.170884	0.726855	-1.37599	0.154892	0.695	-1.43832	0.144006	0.82032	-1.21864	0.0947772	1.0041	-1.0041	0.0696527	0.802832	-1.24555	0.0701882	0.820923	-1.21843	0.0755397	0.0700626	1.42755	0.525993	0.660271	-1.49416	0.61771	11.862	5.49821	1
cg10720867	TIAM2;TIAM2	0.18588	0.515008	1.20813	1.20813	0.284671	0.727302	-1.37477	0.0365895	0.498736	-2.00507	0.654155	0.878844	-1.13786	0.555719	1.18611	1.18611	0.469617	0.810024	-1.23453	0.132281	1.59236	1.59236	0.0767403	0.569056	-1.75729	0.761587	1.09106	1.09106	0.19771	2.49125	1.15473	1
cg10733115	SSH1;SSH1;SSH1	0.185883	0.0515474	0.7099	-1.40899	0.0423782	0.979594	-1.02078	0.942173	1.03033	-1.03033	0.742107	0.895882	-1.11497	0.623715	0.843209	-1.18586	0.772719	1.0771	1.0771	0.557888	1.47037	1.47037	0.0711402	1.09953	1.09953	0.0392299	0.543825	-1.83883	0.31569	1.97992	0.917733	1
cg05890011	TTTY15	0.185883	0.370658	0.375214	-2.66515	0.270282	1.40973	0.153626	11.0732	11.0732	0.669133	1.57926	1.57926	0.735278	7.8963	7.8963		0.716213	0.678428	-1.47399	0.138172	5.55583	0.545787	0.444488	-2.24978	0.0992852	7.00449	7.00449	0.203056	35.036	13.6009	1
cg00234261	WDR86	0.185886	0.385092	0.535369	-1.86787	0.00916262	0.0990558	-10.0955	0.0645615	0.232986	-4.2921	0.697327	0.760155	-1.31552	0.229669	0.41298	-2.42142	0.958118	1.03753	1.03753	0.5917	0.683928	-1.46214	0.309098	0.477796	-2.09294	0.741743	1.26116	1.26116	0.19768	14.9521	6.93064	1
cg14552895	USP12;USP2	0.185888	0.2110561	1.39084	1.39084	0.0288961	0.715355	1.39855	0.538655	0.848206	1.17871	0.168721	0.208774	4.78725	0.0147437	0.231561	-4.31966	0.0870052	1.14148	0.874845	0.808642	0.234774	4.26042	0.129325	0.118446	8.44167	0.0118504	0.0426809	23.4346	0.16024	1
cg04684014	THADA;THADA	0.185894	0.827838	0.938014	-1.06608	0.328157	3.1452	3.1452	0.772176	0.18904	0.18904	0.0620214	0.539371	-1.85401	0.0908055	0.578459	-1.72873	0.570579	1.18343	1.18343	0.0569242	1.88328	1.88328	0.531202	1.20485	1.20485	0.670963	1.68201	-1.13377	0.91763	2.62172	1.21526	1
cg02488274	ANXA5	0.185895	0.172385	1.55555	1.55555	0.182584	0.374376	1.79327	0.167853	0.399121	2.50159	0.0509197	0.5003	1.99242	0.0211534	0.286376	-3.49192	0.598205	1.01124	1.01124	0.952778	0.565348	-1.76882	0.0907007	0.490209	1.05409	0.213171	0.553554	1.80709	0.615286	2.68485	1
cg12461551	RAPGEF4;RAPGEF4	0.185895	0.0730671	0.125774	-7.95077	0.37554	0.389386	-2.56815	0.818053	0.787431	-1.26995	0.188924	0.23611	-4.23532	0.0565063	0.106547	9.38554	0.191493	0.238319	-4.19605	0.0263353	0.0650915	-15.363	0.113946	0.168508	-5.95032	0.193918	0.2404	-4.15973	0.91763	32.6655	15.1416	1
cg14673932	DVL3	0.185896	0.151841	0.755986	-1.32278	0.938511	0.14116	0.01416	0.826009	0.04093	1.04093	0.603749	0.909009	-1.1001	0.863366	0.969105	-1.03188	0.134716	0.74541	-1.34154	0.252585	1.24159	1.24159	0.0915321	1.40289	0.0586749	1.47568	1.47568	0.91762	1.00819	0.467534	1
cg00461149	PTPN12;PTPN12;PTPRN2	0.185899	0.459592	-2.0142	-2.0142	0.0178202	0.928219	-1.08096	0.372012	0.898359	1.11345	0.634013	0.942027	-1.06154	0.478932	0.793544	-1.26042	0.609167	1.08204	1.08204	0.753118	1.83616	1.83616	0.815951	1.02757	1.02757	0.624536	0.944262	-1.05903	0.91763	0.100308	0.0430308	1
cg06684321	ACTN3	0.1859	0.0529735	0.317392	-3.15068	0.72214	0.830003	-1.20481	0.459825	0.675232	-1.48099	0.175232	0.471287	-2.12185	0.109097	0.401804	-2.48878	0.67576	0.802915	-1.24546	0.0218957	0.238076	-4.20034	0.942052	0.13867	1.03867	0.0903388	0.377603	-2.64828	0.1976	8.27029	3.83363	1
cg00302795	OLFM2	0.185902	0.0604962	0.883797	1.13141	0.0496859	0.934669	-1.07035	0.646465	1.34207	1.34207	0.304607	1.96112	1.96112	0.51486	1.48909	1.48909	0.821565	1.03033	1.03033	0.742107	0.895882	-1.11697	0.623715	0.843209	-1.18586	0.170884	0.726855	-1.37599	0.154892	0.695	-1.43832	0.144006	0.82032	-1.21864	0.0947772	1.0041	-1.0041	0.0696527	0.802832	-1.24555	0.0701882	0.820923	-1.21843	0.0755397	0.0700626	1.42755	0.525993	0.660271	-1.49416	0.61771	11.862	5.49821	1
cg21065990	TASP1	0.185902	0.279996	0.682734	-1.4647	0.33739	0.714546	-1.39949	0.480284	1.27614	1.27614	0.865285	0.94393	-1.0594	0.935577	1.02785	1.02785	0.237411	0.656637	-1.52291	0.128286	0.571954	-1.74839	0.0711419	0.504075	-1.98383	0.0598063	2.05802	2.05802	0.91759	1.50738	1.62583	1
cg20033079	MIR628;CCPG1,CCPG1	0.185902	0.543696	0.88502	-1.12993	0.172829	1.33419	1.33419	0.382769	0.837031	-1.1947	0.555724	0.8883	-1.12575	0.368806	0.832389	-1.20136	0.0919069	0.691577	-1.44597	0.182516	0.754896	-1.32469	0.07975	1.47176	1.47176	0.317045	1.22823	1.22823	0.19759	1.19967	0.556103	1
cg02582706	COQ5	0.185905	0.0814045	0.75022	-1.33302	0.0488675	1.33233	1.33233	0.443767	1.1278	1.1278	0.694151	1.10533	1.10533	0.742107	0.895882	-1.11497	0.623715	0.843209	-1.18586	0.170884	0.726855	-1.37599	0.154892	0.695	-1.43832	0.144006	0.82032	-1.21864	0.0947772	1.0041	-1.0041	0.0696527	0.802832	-1.24555	0.0701882	0.820923	-1.21843	0.0755397	0.0700626	1.42755	0.525993	0.660271	-1.49416	0.61771	11.862	5.49821	1
cg18964960	WDR37	0.185909	0.965425	0.988478	-1.01166	0.0252901	0.63623	2.03623	0.200018	1.43614	1.43614	0.70988	0.904917	-1.10507	0.192508	0.691572	-1.44598	0.700894	0.901954	-1.1087	0.361711	0.778276	-1.28489	0.779203	0.927607	-1.07804	0.13548	0.650383	-1.53756	0.191755	2.17097	1.00636	1
cg06837308	CLNK;CLNK	0.185912	0.0894627	0.806551	-1.23978	0.0840568	0.611723	1.63899	0.0843459	0.661433	1.51123	0.240011	0.8108892	-1.23306	0.427237	0.830313	-1.20453	0.292044	0.767067	1.28491	0.313801	1.48394	1.48394	0.0768457	0.910864	-1.09068	0.928422	1.02083	1.02083	0.19747	0.0998	0.0488137	1
cg12887128	RBM19;RBM19;RBM19	0.185913	0.963038	0.98195	-1.01838	0.107996	0.501922	-1.99234	0.997649	0.998842	-1.00116	0.252493	1.59971	1.59971	0.0307421	0.368635	-2.71124	0.208928	0.59415	-1.68308	0.348475	1.4614	1.4614	0.529961	1.28414	1.28414	0.246534	0.6197	-1.61368	0.91753	3.69198	2.17501	1
cg25829704	COG5	0.185915	0.0814045	0.75022	-1.33302	0.0488675	1.33233	1.33233	0.443767	1.1278	1.1278	0.694151	1.10533	1.10533	0.742107	0.895882	-1.11497	0.623715	0.843209	-1.18586	0.170884	0.726855	-1.37599	0.154892	0.695	-1.43832	0.144006	0.82032	-1.21864	0.0947772	1.0041	-1.0041	0.0696527	0.802832	-1.24555	0.0701882	0.820923	-1.21843	0.0755397	0.0700626	1.42755	0.525993	0.660271	-1.49416	0.61771	11.862	5.49821	1
cg18496960	WDR37	0.185909	0.965425	0.988478	-1.01166	0.0252901	0.63623	2.03623	0.200018	1.43614	1.43614	0.70988	0.904917	-1.10507	0.192508	0.691572	-1.44598	0.700894	0.901954	-1.1087	0.361711	0.778276	-1.28489	0.779203	0.927607	-1.07804	0.13548	0.650383	-1.53756	0.191755	2.17097	1.00636	1
cg06837308	CLNK;CLNK	0.185912	0.0894627	0.806551	-1.23978	0.0840568	0.611723	1.63899	0.0843459	0.661433	1.51123	0.240011	0.8108892	-1.23306	0.427237	0.830313	-1.20453	0.292044	0.767067	1.28491	0.313801	1.48394	1.48394	0.0768457	0.910864	-1.09068	0.928422	1.02083	1.02083	0.19747	0.0998	0.0488137	1
cg12887128	RBM19;RBM19;RBM19	0.185913	0.963038	0.98195	-1.01838	0.107996	0.501922	-1.99234	0.997649	0.998842	-1.00116	0.252493	1.59971	1.59971	0.0307421	0.368635	-2.71124	0.208928	0.59415	-1.68308	0.348475	1.4614	1.4614	0.529961	1.28414	1.28414	0.246534	0.6197	-1.61368	0.91753	3.69198	2.17501	1
cg17280128	ZNF573	0.185921	0.370708	1.04916	1.04916	0.316864	1.15881	1.15881	0.82693	0.960819	-1.03168	0.182272	0.785385	-1.27358	0.0902295	0.998269	-1.00173	0.616604	0.904936	-1.10455	0.625582	1.69537	1.69537	0.0955156	0.727117	-1.37545	0.196938	0.513259	1.94863	0.31569	1.97992	0.917733	1
cg00423443	CDH13	0.185923	0.113131	0.430335	-2.32377	0.344848	0.501929	1.99385	0.164685	0.355702	2.81179	0.0796105	0.4436	2.25552	0.0312799	0.313658	-3.18873	0.351705	0.969153	-1.03183	0.0307561	0.268908	3.71875	0.0213402	0.0440124	22.7211	0.0038521	0.0189325	52.8183	0.14507	1.91428	1.67635	1
cg15697476	TNXB	0.185928	0.111356	10.3393	10.3393	0.200542	6.17869	6.17869	0.109231	10.511	10.511	0.161489	7.49272	7.49272	0.814158	0.728155	-1.37333	0.403372	0.316074	-3.16381	0.212693	0.170699	-5.85826	0.122529	9.52542	9.52542	0.198227	2.24367	2.24367	0.19746	55.0953	25.5409	1
cg00882832	SPRY1;SPRY1	0.185929	0.300997	0.586036	-1.70637	0.796064	0.53168	-1.87929	0.721423	1.11124	1.11124	0.0318545	0.476628	-2.09787	0.0417019	0.580705	-1.72249	0.978714	1.02708	1.02708	0.912965	1.64947	1.64947	0.0617179	1.13134	1.13134	0.107475	2.63556	2.63556	0.19744	1.13134	0.107475	2.63556	2.12179	1
cg01441018	TBCD	0.185929	0.269991	0.46721	-2.14036	0.449672	1.66588	1.66588	0.64057	1.36552	1.36552	0.192933	0.401378	-2.49142	0.127503	0.335618	-2.97958	0.0946187	0.296069	-3.37759	0.0822964	0.279379	-3.57937	0.16441	0.374257	-2.67196	0.0614374	0.247594	-4.03887	0.19745	13.3291	6.17908	1
cg05382480	C16orf62	0.185929	0.950025	1.03213	1.03213	0.0242189	0.380178	-2.63076	0.471986	0.768407	-1.30139	0.612747	0.852112	-1.20176	0.525903	0.793401	-1.2604	0.0502844	0.447745	2.23341	0.154593	1.73088	1.73088	0.787882	1.10198	1.10198	0.857024	1.06709	1.06709	0.19745	3.93142	1.82531	1
cg06985534	MAN1A2	0.185929	0.761351	0.91771	-1.08967	0.0200308	0.453316	-2.20597	0.0178495	0.816664	-1.22449	0.762369	0.918059	-1.08926	0.173266	0.644641	-1.55457	0.0359411	0.502616	-1.98959	0.0218277	0.0636266	-15.7179	0.12125	0.162387	-6.16088	0.126397	0.627408	-1.59386	0.19745	2.41356	1.1488	1
cg22224625	PFKFB3;PFKFB3	0.185932	0.630129	1.14372	1.14372	0.0595195	2.7057	2.7057	0.344164	1.24037	1.24037	0.86091	0.95258	-1.04978	0.816992	0.938765	-1.06523	0.975551	0.991554	-1.00852	0.660422	0.884483	-1.3016	0.591951	0.860921	-1.16155	0.2507	1.39401	1.39401	0.19743	2.32619	1.07838	1
cg00834752	RAX	0.185934	0.247238	0.555052	-1.80182	0.0944662	2.52597	2.52597	0.114124	1.775367	1.775367	0.233322	0.611209	0.329475	0.663653	0.54714	-1.82705	0.994624	1.00393	1.00393	0.979864	0.939199	-1.8546	0.0403375	2.39146	2.39146	0.688904	0.840321	0.190082	5.26242	0.19743	0.190082	5.26242	4.27473	1
cg03922262	C10orf11	0.185941	0.717321	0.936816	-1.06745	0.325703	1.19982	1.19982	0.0349064	0.64319	-1.55475	0.062703	0.686617	-1.45642	0.519047	1.12451	1.12451	0.898786	0.977415	-1.02311	0.773858	1.05308	1.05308	0.157315	1.3119	1.3119	0.62077	1.09366	1.09366	0.19738	0.978607	0.453677	1
cg18594351	DAG1;DAG1	0.185943	0.913403	0.931915	-1.07306	0.164465	1.34207	1.34207	0.304607	1.96112	1.96112	0.51486	1.48909	1.48909	0.0267374	0.188743	-5.2703	0.165604	0.909725	-1.09977	0.554054	0.78652	-1.27207	0.0394176	0.199536	-5.01162	0.190338	0.12875	7.76705	3.54006	1
cg23285577	PON2;PON2	0.185956	0.768934	0.961123	-1.04045	0.213925	0.838494	-1.19261	0.717315	0.952236	-1.05016	0.130421	0.80262	-1.24592	0.652342	0.940781	-1.06295	0.563308	0.81888	1.08188	0.050717	1.34941	1.34941	0.0792418	1.29989	1.29989	0.14614	1.89461	1.11837	0.97131	0.5502208	0.255084	1
cg17640201	ZNF48	0.185957	0.779502	1.13181	1.13181	0.1026	2.19887	2.19887	0.414598	1.44469	1.44469	0.405533	1.4556	1.4556	0.308396	1.59215	1.59215	0.271145	1.65764	1.65764	0.106238	2.17759	2.17759	0.0115803	4.02522	4.02522	0.0947172	2.24832	2.24832	0.1973	5.90944	2.7397	1
cg20100980	LOC100144603;CHKB-CPT1B;CHKB	0.185957	0.0334579	1.32168	1.32168	0.312292	1.92852	1.92852	0.0166877	1.0132	1.0132	0.914643	1.14664	1.14664	0.0318754	0.872403	-1.14652	0.269344	0.707257	-1.41398	0.213966	0.313525	-3.18939	0.0709699	0.978714	1.02088	0.912965	1.02088	1.02088	0.965634	0.995184	0.0442484	22.5816	0.19736	1.13134	1.13134	0.107475	2.63556	2.12179	1
cg17730176	TIAF1;MYO18A;MYO18A	0.185961	0.196	0.329926	0.373971	-2.674	0.0326662	0.222478	-4.49482	0.0549988	0.270293	-3.69969	0.670133	1.29386	0.239386	0.0865697	0.32052	-3.11993	0.496274	0.660114	-1.51489	0.106174	0.346148	-2.88894	0.601126	0.728226	-1.3732	0.764842	0.834964	-1.19766	0.19729	10.9771	5.08919	1
cg19180542	ZNF78	0.185962	0.0178854	0.710966	-1.40729	0.0142269	0.579971	-1.72442	0.0544046	-1.18477	0.842931	0.1876	-5.33146	0.857349	0.861814	1.16121	0.860668	0.868925	1.03015	1.03015	0.847911	0.605777	-1.502	0.0967612	0.818283	-1.23027	0.0274554	1.07141	1.07141	0.19727	0.0648	0.0254469	1
cg23012288	FAM128A;LOC150776	0.185965	0.0117805	0.246699	-4.05352	0.320199	0.633173	-1.57935	0.49162	1.3645	1.3645	0.716499	0.850217	-1.17617	0.376505	1.49748	1.49748									
cg10717387	HIST1H1C	0.185967	0.526303	1.34163	1.34163	0.698534	0.837016	-1.19472	0.19959	0.535624	-1.86698	0.554794	1.31437	1.31437	0.364558	2.6271	2.6271	0.180751	1.92554	1.92554	0.0644456	0.380497	-2.62847	0.634835	1.24458	1.24458	0.280948	1.67356	1.67356	0.20307	6.48029	2.51625	1
cg15803895	SNAI47;JMJD4;JMJD4	0.185968	0.0607935	0.73846	-1.35423	0.279734	0.72598	-1.37782	0.211434	0.775367	-1.29009	0.133792	0.993827	-1.02058	?	?	?	?	?	?	?	?	?	0.332504	1.79844	0.6499	1.28271	1.28271	0.31432	6.68202	1.22643	1
cg25247692	UBTD1	0.185974	0.395669	0.634687	-1.57558	0.0398868	0.28896	-3.46069	0.0213287	0.235511	-4.24609	0.817892	0.886441	-1.12815	0.0506474	0.312252	-3.20254	0.266559	0.54608	-1.83123	0.580052	0.7467	-1.33923	0.732395	0.835784	-1.19648	0.934864	0.95818	-1.04365	0.91721	8.2939	3.84535	1
cg00901401	FKBP18;FKBP18	0.185975	0.33365	0.724649	-1.37995	0.231143	0.624472	-1.60526	0.134169	0.69318	-1.44255	0.0933	0.5734	1.5718	0.0265	0.803984	0.322705	0.0225353	1.514	1.514	0.189555	0.5734	1.5734	1.5734	0.193143	0.803984	0.322705	0.0225353	1.514	1.514	0.188331

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1477 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg15057238	LOC646762	0.186173	?	?	?	?	0.159158	0.850369	0.918205	-1.08908	0.558085	0.75426	-1.36191	0.07799965	0.371755	-2.68894	?	?	?	?	0.163543	0.483205	-2.00952	0.03754572	0.272744	-3.66644	2.60861	4.88592	1.24819	1
cg17706664	RASSF4	0.186175	0.230736	0.550366	-1.81697	0.215886	1.8564	1.8564	0.701272	0.837576	-1.19392	0.8899397	0.410194	-2.43787	0.390353	0.658315	-1.51903	0.208796	0.532946	-1.87636	0.283156	1.69837	0.6987	0.040117	0.324139	-3.0851	0.96583	1.02056	1.02056	1.91616	6.84673	3.17614	1
cg10786986	RABIA	0.186179	0.186679	0.582316	-1.71728	0.52368	1.283558	1.283558	0.174628	0.572476	-1.7468	0.293795	0.656603	-1.52299	0.868634	1.06603	1.06603	0.762899	1.12399	1.123991	0.170017	0.568597	-1.75871	0.03666115	2.55458	2.55458	0.2737125	0.646199	-1.54751	1.916613	4.52882	2.10091	1
cg16942135	DIP2C	0.186181	0.607737	1.07302	1.07302	0.3345868	1.3985	1.3985	0.503841	1.09673	1.09673	0.2575091	1.1745	1.1745	0.786511	1.03764	1.03764	1.037042	1.133461	1.133461	0.1033399	1.55224	1.55224	0.333305	1.1455	1.1455	0.9096979	1.015577	1.015577	1.91613	0.562254	0.2608288	1
cg27424057	EEPD1	0.186182	0.04767	1.66831	1.666831	0.252163	1.31041	1.31041	0.119972	1.46408	1.4640858	0.0561952	0.958186	-1.04364	0.07635562	1.5614	1.5614	0.855142	0.959541	-1.04217	0.771452	1.02804	1.06804	0.250407	0.762302	-1.31182	0.333836	0.798258	-1.25266	1.91612	1.54998	0.719035	1
cg09069499	PPP2R2A	0.186182	0.0929853	1.54552	1.54552	0.0381612	1.76127	1.76127	0.941493	1.010745	1.010745	0.1063151	1.51506	1.51506	0.384407	1.23178	1.23178	0.273538	1.3079	1.3079	0.094358	1.54217	1.54217	0.374853	0.808486	-1.23932	0.705666	0.914497	-1.0935	1.91612	1.68397	0.781196	1
cg18462033	PHASPS,PHASPH,ASPH;ASPH;ASPH;ASPH;AS PH;ASPH;ASPH	0.186187	0.641421	1.22599	1.22599	0.165535	0.535976	-1.90123	0.0148537	0.2720067	-3.67557	0.947727	1.02889	1.02889	0.91289	1.04868	1.04868	0.0586334	0.305359	-2.52935	0.642044	1.22552	1.22552	0.390732	0.682468	-1.46527	0.8050122	0.898123	-1.11343	1.916095	5.73682	2.65571	1
cg19241352	MAEL	0.186187	0.685123	1.14267	1.14267	0.036092	2.21997	2.21997	0.133428	1.69829	1.69829	0.310326	1.40981	1.40981	0.3100384	2.29534	2.29534	0.422398	1.30749	1.30749	0.462473	2.11084	2.11084	0.370184	1.35113	1.35113	0.2535135	1.10913	1.10913	1.91609	3.24825	1.50689	1
cg19374292	WNK2	0.186189	0.556886	0.769664	-1.29927	0.113485	2.13585	2.13585	0.867129	0.928874	-1.07657	0.977313	0.987549	-1.01261	0.00981026	0.237283	-4.21438	0.722726	1.16997	1.16997	0.545244	1.30964	1.30964	0.622822	0.803769	-1.24414	0.77453	0.881128	-1.13491	1.916068	5.89179	2.73326	1
cg11729163	KLHL6	0.186194	0.117035	0.575825	-1.73636	0.0205196	0.585596	-1.70768	0.149683	0.636018	-1.57206	0.644984	1.550178	1.550178	0.170319	1.34682	-1.35195	0.839707	1.190626	1.190626	0.0441902	0.4725	2.1164	0.347405	0.731925	-1.36832	0.111927	0.570579	-1.75261	1.916006	3.18849	1.47919	1
cg15047026	C19orf51	0.186194	0.0618869	0.569398	-1.75624	0.592452	0.265857	-1.15573	0.922917	1.02626	1.02626	0.227271	0.736548	-1.35768	0.107512	0.62475	-1.60064	0.031957	0.510069	-1.96052	0.0416559	0.533105	-1.8758	0.737483	0.925613	-1.08036	0.318475	0.758681	-1.31808	1.916005	2.17717	1.01003	1
cg04129159	SDK1;SDK1	0.186195	0.83562	1.08071	1.08071	0.0577457	2.24212	2.24212	0.119397	0.927769	-1.08762	0.95127	0.977289	-1.02324	0.179825	0.585394	-1.70825	0.810134	1.19649	1.19649	0.0609759	2.12181	2.12181	0.517186	1.37998	1.37998	0.618219	0.827853	-1.20794	1.916005	4.28787	1.98921	1
cg17906267	TMEM56 DBND2;DBND2;DBND2;DBND2;S	0.186196	0.313267	1.44177	1.44177	0.134641	1.75565	1.75565	0.789945	0.910595	-1.09818	0.0874608	1.93833	1.93833	0.501664	0.787246	-1.27025	0.128027	0.562368	-1.7782	0.136478	0.569626	-1.75554	0.246201	1.53024	1.53024	0.691587	0.869468	-1.15013	1.916002	3.73425	1.73241	1
cg06100899	Y51-DBND2;DBND2;DBND2	0.186201	0.828843	1.25118	1.736775	1.41789	1.41789	0.59277	1.74852	1.74852	0.353735	2.68471	2.68471	0.0127387	0.0406175	-24.6199	?	?	?	?	0.333164	2.81014	2.81014	0.442582	2.24867	2.24867	0.492468	0.486008	-2.05758	1.92757	29.0709	15.0816	1
cg23894579	ZFAT;ZFAT	0.186203	0.561149	0.898594	-1.11285	0.0347082	1.56515	1.56515	0.899941	1.02315	1.02315	0.179407	0.771438	-1.29628	0.1502	0.755285	-1.324	0.593573	1.10298	1.10298	0.4411884	0.8670223	-1.15337	0.137905	1.33737	1.33737	0.564485	1.11182	1.11182	1.91601	1.00478	0.466146	1
cg21170962	ZNF805;ZNF805	0.186204	0.539837	0.888453	-1.11402	0.0290982	1.01463	1.01463	0.309085	1.19917	1.19917	0.879368	1.02655	1.02655	0.937968	0.994386	-1.00565	0.303715	1.20177	1.20177	0.00726107	0.550073	-1.81794	0.951789	0.990051	-1.01005	0.654001	0.92511	-1.08085	1.916	0.903384	0.419105	1
cg15058762	NFKB2;NFKBIZ	0.186211	0.547484	0.815828	-1.22575	0.0402844	0.452819	-2.20839	0.274867	1.45766	1.457656	0.706019	1.1551	1.1551	0.223532	0.652046	-1.53353	0.946662	1.077876	-1.02262	0.0820278	1.88579	1.88579	0.923161	0.968254	-1.03279	0.157097	0.602902	-1.65865	1.91597	3.39314	1.5742	1
cg00008345	PDE6D	0.186212	0.106763	0.754216	-1.32588	0.0761783	0.72902	-1.3717	0.518715	1.11048	1.11048	0.988609	1.00229	1.00229	0.139349	0.775049	-1.29024	0.190277	1.24881	1.24881	0.882833	1.0239	1.0239	1.24867	1.21307	1.21307	0.201644	0.805749	-1.24108	1.91596	0.778589	0.361218	1
cg26513676	PEX5;PEX5;PEX5;PEX5;PEX5;PEX5 ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECH	0.186214	0.779131	1.11441	1.11441	0.328907	1.47285	1.47285	0.918844	0.961573	-1.03996	0.146127	0.540014	-1.85109	0.0371842	0.368243	-2.71567	0.521436	1.28372	1.28372	0.145452	0.437212	2.28636	0.810511	0.902811	-1.10756	-1.09671	0.746007	1.13619	1.13619	1.91595	4.48222	2.07949	1
cg05444413	DC1	0.186214	0.578084	1.30042	1.30042	0.893194	0.932876	-1.07195	0.175885	1.95984	1.962214	2.16738	2.163738	0.197935	1.03729	1.03729	1.03729	0.191135	0.523552	-1.91003	0.211813	0.540667	-1.84957	0.703741	1.19558	1.19558	0.0307377	3.275339	3.275339	1.91595	6.63302	3.07733	1
cg06560309	HMGN1	0.186222	0.478097	0.794238	-1.25907	0.108349	0.570812	-1.75189	0.90271	1.03992	1.03992	0.766424	0.909048	-1.10005	0.626385	1.17004	1.17004	0.60647	1.18096	1.18096	0.113602	0.576328	-1.73512	0.03662368	0.459628	-2.17567	0.0478872	0.484798	-2.06272	1.91592	3.10915	1.44248	1
cg06119148	C3orf37;C3orf37	0.186227	0.410966	1.26405	1.26405	0.292346	0.596728	-1.67558	0.186296	0.626913	1.59623	0.672572	-1.48772	0.991477	1.00298	1.00298	0.852804	0.949552	-1.05313	0.624154	0.874421	-1.14755	0.0186594	2.21366	0.899577	0.965425	-1.03581	0.817404	1.06658	1.91588	2.35688	1.0935	1
cg16515477	AGBL4	0.186229	0.0955131	0.597626	-1.60238	0.0521216	2.40686	2.40686	0.365386	1.4388	1.4388	0.485918	0.758453	-1.31851	0.0254447	0.345266	-2.89632	0.47358	0.752252	-1.32934	0.750972	0.8832966	-1.13212	0.720585	1.15058	1.15058	0.154667	0.787934	-1.27011	0.10155	4.70958	1.68884	1
cg07930207	BAT3;BAT3;BAT3;BAT3	0.18623	0.683695	1.08762	1.08762	0.4470263	1.59373	1.59373	0.808004	1.05118	1.05118	0.954753	0.988433	-1.0117	0.138103	0.720813	-1.38732	0.987932	1.00311	1.00311	0.0307573	1.68241	1.68241	0.787682	0.946155	-1.05691	0.462668	0.857879	-1.16567	1.91587	1.27564	0.591847	1
cg14719076	DLX5	0.186231	0.809305	1.05879	1.05879	0.2979766	1.32126	1.32126	0.913284	1.02883	1.02883	0.208692	1.85368	1.85368	0.0155322	1.10109	1.10109	0.410888	1.12981	1.12981	0.4825661	1.70181	1.70181	0.0852215	1.56775	1.56775	0.1686	1.16946	1.16946	0.788028	1	
cg05238905	PIN4	0.186231	0.60442	1.07124	1.07324	0.332872	0.774272	-1.40003	0.936445	0.779306	-1.28319	0.492661	1.09882	1.09882	0.95924	1.00084	1.00084	0.969838	1.09489	-1.00513	0.864719	1.02333	1.02333	0.452275	1.10912	1.10912	0.0853188	1.29338	1.29338	1.91586	0.554099	0.257499	1
cg14654082	CAMTA1	0.186234	0.156934	0.470526	-2.12528	0.366747	0.63017	-1.58687	0.0921428	0.397233	-2.51743	0.573614	0.753394	-1.32733	0.0258799	0.267856	-3.73335	0.084006	0.385918	-2.59122	0.0496245	0.327786	-3.05077	0.891372	0.934216	-1.07042	0.783551	0.871859	-1.14697	1.91585	7.52513	3.49141	1
cg26622634	GFRA1;GFRA1;GFRA1	0.186238	0.118111	0.5	-2	0.0248635	0.172646	1.37575	0.0618045	0.448243	2.23035	0.0731582	0.638243	1.56662	0.0215042	0.448243	2.23035	0.0731582	0.638243	1.56662	0.0215042	0.448243	2.23035	0.0731582	0.638243	1.56662	0.0215042	0.448243	2.23035	0.0731582	0.638243	1.56662	0.0215042	1.13352	0.882647	1.13352	0.882647	1.13352	0.882647

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	p-value(5 vs. N)	Fold-Change(563T vs. N)	Fold-Change(563 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg04025879	TTLL12	0.186523	0.622942	0.785333	-1.27335	0.600428	1.29395	1.29395	0.215459	1.8885	1.8885	0.785649	1.34216	1.34216	0.088568	0.400084	-1.49948	0.120379	0.439788	-2.27382	0.039169	0.312295	-3.2021	0.8662	0.932064	-1.0857	0.167866	0.488362	-2.04706	1.93433	7.20847	1.34714	1
cg04131734	TMEM123;TMEM123	0.186524	0.217783	1.18103	1.18103	0.7590955	0.776079	-1.28853	0.0527485	0.753842	-1.32654	0.171967	0.829777	-2.05514	0.968392	1.0051	1.0051	0.158738	0.824214	-1.21328	0.514558	0.918678	-1.08852	0.97691	0.996293	-1.00372	0.334996	1.13629	1.13629	0.499344	0.231863	1
cg01581827	DIDO1;DIDO1;DIDO1;DIDO1	0.186525	0.223291	0.512952	-1.9495	0.0189464	0.227071	-4.40391	0.0636571	0.336965	-2.96767	0.326117	0.589228	-1.69714	0.279052	0.555908	-1.79886	0.154306	0.45134	-2.21562	0.0696188	0.346908	-2.88261	0.163423	0.460243	-2.17277	0.645458	0.785298	-1.2734	1.91432	8.25221	3.8318	1
cg15085128	SRPX;SRPX;SRPX	0.186526	0.914509	1.02615	1.02615	0.4588805	0.833956	-1.1911	0.249502	1.33603	1.33603	0.806579	1.06083	1.06083	0.101943	1.53867	1.53867	0.207803	1.06039	1.06039	0.044096	0.574783	-1.73979	0.329265	0.784773	-1.27425	0.102603	0.650551	-1.53716	1.91431	1.75669	0.815697	1
cg21851135	C14orf2;C14orf2	0.186531	0.173874	0.745731	-1.34097	0.050524	0.636389	-1.57137	0.0281856	0.591203	-1.69147	0.162475	0.739035	-1.35312	0.483811	0.865625	-1.15523	0.529536	0.878829	-1.13788	0.303863	1.24105	0.745908	0.936191	-1.06816	0.796499	1.0538	1.0538	1.91429	1.24684	0.578964	1
cg27506210	DEPDC5;DEPDC5;DEPDC5	0.186533	0.304663	0.626436	-1.59653	0.7049553	0.845884	-1.18219	0.189723	1.84255	1.84255	0.84226	0.916067	-1.09162	0.837571	0.913644	-1.09452	0.203853	0.554303	-1.80407	0.00977921	0.237564	-4.20919	0.892593	1.06124	1.06124	0.845248	1.08978	1.08978	1.91428	5.86911	2.7253	1
cg19651419	VASP	0.186534	0.380759	1.21397	1.21397	0.526381	1.14849	1.14849	0.0506894	1.6164	1.6164	0.841256	0.957672	-1.0442	0.0833477	0.661394	-1.51196	0.164339	0.726148	-1.37713	0.921064	0.97885	-1.02161	0.235337	1.30766	1.30766	0.283338	1.27176	1.27176	1.91427	1.4102	0.654821	1
cg04107082	PDCL3;PUS10	0.186535	0.225077	0.847943	-1.17903	0.1607702	0.824156	-1.21336	0.1632598	0.824502	-1.21285	0.0279782	0.714549	-1.39948	0.451226	0.905411	-1.10447	0.427677	0.900478	-1.11053	0.421287	1.11465	1.11465	0.596094	1.0716	1.0716	0.252964	1.16715	1.16715	1.91427	0.508049	0.235912	1
cg22337920	PTPN2;PTPN2;PTPN2	0.186535	0.265498	0.680279	-1.46992	0.182674	0.62546	-1.59882	0.0318301	0.633753	-1.58046	0.162128	0.15718	-1.15718	0.0370796	0.447661	-2.23383	0.609327	0.18664	-1.18664	0.232589	0.659944	-1.51528	0.669513	0.867145	-1.15321	0.183249	0.625742	-1.5981	1.91427	3.3419	1.55181	1
cg18467339	ACOX3;ACOX3	0.186536	0.230537	0.768304	-1.30157	0.839836	1.04331	1.04331	0.152749	0.725493	-1.37837	0.295119	0.796512	-1.25547	0.78377	0.943991	-1.05933	0.239275	0.772415	-1.29464	0.0202219	1.79822	1.79822	0.763063	1.0654	1.0654	0.788121	1.05807	1.05807	1.91426	1.33119	0.618139	1
cg16265581	GNG5;SPATA1	0.186537	0.665048	0.9051504	-1.1045	0.3853853	1.14748	1.14748	0.0481185	0.852101	-1.17357	0.0954485	1.0178	1.0178	0.0304315	1.793318	1.793318	0.178564	1.08252	1.08252	0.577146	-1.73266	0.798775	1.06022	1.06022	0.284681	1.28965	1.28965	1.91426	1.58836	0.737956	1
cg18337735	GUCY2D	0.186547	0.0290194	15.3183	15.3183	0.0579092	9.71232	9.71232	0.453127	2.24889	2.24889	0.317676	2.61137	2.61137	0.630373	0.628221	-1.5918	0.890244	0.8638	-1.15768	0.298694	3.13384	0.980479	0.92629	1.02629	0.045127	1.44959	1.44959	1.91421	34.0912	15.8307	1
cg05157535	GAS7;GAS7;GAS7	0.186547	0.906313	0.952055	-1.05036	0.276341	1.60263	1.60263	0.0761764	2.27449	2.27449	0.114429	1.99938	1.99938	0.136704	0.512885	-1.94976	0.820902	1.09904	1.09904	0.151954	0.527701	-1.89501	0.412059	0.705182	-1.41807	0.301892	1.56119	1.56119	1.9142	5.25854	2.44188	1
cg22037687	NFATC2;NFATC2;NFATC2	0.186548	0.9582852	1.75098	-1.33159	0.043734	1.43753	1.43753	0.220711	0.8174544	-1.22331	0.550784	0.909832	-1.0991	0.581508	0.916536	-1.09106	0.432136	1.13373	1.13373	0.241764	1.21145	1.21145	0.544336	0.908403	-1.10083	0.33127	1.16992	1.16992	1.9142	0.7430353	0.345048	1
cg00757087	IFT140;TMEM204	0.186548	0.386962	1.51307	1.51307	0.265422	1.71942	1.71942	0.621325	1.26179	1.26179	0.0349444	0.317353	-1.15107	0.15636	2.03011	2.03011	0.311268	1.63106	1.63106	0.0837169	2.44458	2.44458	0.990016	1.00885	1.00885	0.580996	1.29737	1.29737	1.9142	6.61174	3.07027	1
cg09774025	PRDM16;PRDM16	0.186548	0.618273	1.09976	1.09976	0.193258	0.736396	2.42439	0.0134508	0.697507	-1.64255	0.0275925	-1.45449	0.280889	1.23626	1.23626	0.021749	0.910158	-1.09871	0.644241	1.42605	1.42605	0.121742	1.09201	1.41562	1.41562	0.251653	1.49810	1.49810	1.91422	1.87727	1.13905	0.592462	1
cg08290091	CAPN10;CAPN10;CAPN10;CAPN10	0.186555	0.747559	0.870202	-1.14916	0.0970709	0.456568	-2.19026	0.987196	0.993115	-1.00693	0.744444	1.15122	1.15122	0.00705279	0.223284	4.4786	0.332144	0.650029	-1.53839	0.935699	1.03535	1.03535	0.49973	0.744569	-1.34306	0.369569	0.672552	-1.48695	1.91419	5.61911	2.60934	1
cg01003570	PHF3;PHF3;PHF3	0.186555	0.492593	1.21356	1.21356	0.8004	0.932056	-1.0729	0.56535	0.85094	-1.17517	0.146051	1.54252	1.54252	0.466447	1.22855	1.22855	0.265745	1.38002	1.38002	0.0422554	0.522158	-1.91513	0.813025	1.06802	1.06802	0.0775451	0.57989	-1.72446	1.91419	2.33856	1.08595	1
cg20127899	NFATC2;NFATC2;NFATC2;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(1057 vs. N)	Fold-Change(1-vs-1057)	Ratio(1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117)	p-value(1127 vs. N)	Fold-Change(1-vs-1127)	p-value(1217 vs. N)	Fold-Change(1-vs-1217)	p-value(3477 vs. N)	Fold-Change(1-vs-3477)	p-value(3537 vs. N)	Fold-Change(1-vs-3537)	p-value(5377 vs. N)	Fold-Change(1-vs-5377)	p-value(5637 vs. N)	Fold-Change(1-vs-5637)	F(Error)
cg22739692	AGAP1;AGAP1	0.186847	0.812635	0.911616	-1.09095	0.127396	0.52601	-1.90111	0.111872	0.511537	-1.95348	0.378223	1.42238	0.142188	0.341857	0.682718	-1.46473	0.513612	1.2801	1.2801	0.7214444	0.69779	-1.43788	0.404556	1.51326	1.513126	1.91264	4.600559	2.1381	1
cg01842685	CD63;CD63	0.186851	0.171709	0.791945	-1.26271	0.717581	1.05996	1.05996	0.382418	0.866227	-1.15443	0.852843	0.970669	-1.03022	0.964479	1.07611	1.07611	0.0997256	0.748839	-1.3354	0.0157023	0.622141	-1.60735	0.634235	0.9260636	-1.07987	0.335129	1.172575	1.172575	1.91261	0.7785733	0.361843	1
cg11484115	TBC1D9B;TBC1D9B	0.186856	0.303055	0.459	-2.17865	0.144824	3.13642	3.13642	0.352413	2.01073	2.01073	0.431963	1.79574	1.79574	0.0195036	0.127351	-7.8523	0.878757	1.11787	1.11787	0.715028	1.30691	1.30691	0.351862	0.49691	-2.01243	0.549587	1.55573	1.55573	1.91259	16.1396	7.50099	1
cg24839718	ZNF420	0.186859	0.0992649	0.860631	-1.16194	0.0752864	1.17882	1.17882	0.0465317	1.20849	1.20849	0.592524	1.06593	1.0459	0.483383	1.060906	1.060906	0.651068	0.962885	-1.03855	0.806392	0.978809	-1.02061	0.280635	0.91102	-1.09763	0.898046	0.989408	-1.01071	1.91259	0.2090022	0.0975446	1
cg04841837	ST6GALNAC3;ST6GALNAC3	0.186863	0.224046	0.814913	-1.22712	0.246867	1.21413	1.21413	0.23833	0.820443	-1.21885	0.0296737	0.663547	-1.50705	0.0859464	0.737807	-1.35537	0.87449	0.974988	-1.02565	0.484923	0.892504	-1.12044	0.236368	0.8196698	-1.21996	0.47123	1.12461	1.12461	1.91255	0.7777775	0.361483	1
cg26132030	DUSP2	0.186864	1.49462	2.32251	2.32353	1.109582	2.91918	2.91918	0.835345	1.13635	1.13635	0.278049	1.99912	1.99912	0.322709	1.06141	1.06141	1.2038285	2.13322	2.13322	0.00715388	1.843912	1.843912	0.450532	1.60343	1.603843	0.426804	1.627068	1.627068	1.91255	1.14238	5.30942	1
cg00729049	GAD1;GAD1	0.186865	0.132171	0.603928	-1.65583	0.12776	1.66705	1.66705	0.300324	1.39529	1.39529	0.288851	0.710553	-1.40735	0.0904602	0.560479	-1.78419	0.732026	0.898814	-1.11258	0.544792	0.826775	-1.20952	0.104904	0.57696	-1.73322	0.46611	1.25884	1.25884	1.91254	2.91762	1.35602	1
cg17040426	STK4	0.186867	0.0479327	0.357349	-2.79917	0.638929	1.2405	1.2405	0.951193	1.02825	1.02825	0.212526	0.550084	-1.81779	0.0520909	0.365792	-2.73402	0.887777	0.937749	-1.06618	0.336991	0.560969	-1.78351	0.160388	0.57906	-1.72656	0.33944	0.675259	-1.48091	1.91253	0.675259	2.91699	1
cg12120881	ZBTB16;ZBTB16;ZBTB16	0.186867	0.987606	-1.09759	-1.00275	0.0209899	1.63336	1.63336	0.427949	1.15387	1.15387	0.751425	0.945398	-1.05776	0.528292	0.893251	-1.11951	0.560514	0.90123	-1.1096	0.669169	0.926866	-1.07891	0.224556	1.23936	1.23936	0.048207	1.49021	1.49021	1.91253	0.9456623	0.439499	1
cg25215562	ALLC	0.186868	0.360031	0.580798	-1.72177	0.0644695	0.301398	-3.31787	0.0939227	0.345252	-2.89643	0.720859	1.23018	1.23018	0.286326	1.8952	1.8952	0.487777	1.50234	1.50234	0.657243	0.772709	-1.29415	0.0738675	3.15934	3.15934	0.840531	0.890184	-1.12336	1.91253	10.0983	4.69343	1
cg26707709	SNED1	0.186868	0.839613	0.902252	-1.10834	0.582827	0.754601	-1.3252	0.156382	2.15887	2.15887	0.681053	1.23341	1.23341	0.311421	0.587682	-1.7016	0.947092	0.966876	-1.03426	0.309082	0.586066	-1.70629	0.0154395	4.51964	4.51964	0.287029	1.75268	1.75268	1.91252	7.80415	3.62716	1
cg15133332	BDNF;BDNF;BDNF;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(1347T vs. N)	Fold-Change(1347T vs. N)	p-value(1353T vs. N)	Fold-Change(1353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 2ST vs. N)	Fold-Change(537T vs. 2ST vs. N)	p-value(5637T vs. N)	Fold-Change(5637T vs. N)	F(Error
cg11526406	ANP32E;ANP32E	0.187126	0.161118	0.785148	-1.27365	0.501686	0.1165	0.1165	0.1116	0.755443	-1.32573	0.652139	0.929287	-1.07609	0.893398	1.0219	1.0219	0.908608	0.985612	-1.01873	0.834492	0.967154	-1.03396	0.831373	1.15549	1.15549	0.0206985	1.56862	1.91118	0.790565	0.367692	1
cg04518477	MTHFD1;METTL9	0.187134	0.453307	0.782363	-1.27818	0.0155562	2.59403	2.59403	0.683125	0.876466	-1.14095	0.100077	1.78407	1.78407	0.770729	1.09551	1.09551	0.150522	1.64064	1.64064	0.628187	1.16974	1.16974	0.350456	1.36174	1.36174	0.571658	0.832241	-1.20157	1.91114	3.12424	1.45312	1
gb0038974	SLC2A10	0.187134	0.43847	1.13877	1.13877	0.125157	0.75878	-1.31791	0.470605	0.886306	-1.12828	0.133367	1.30506	1.30506	0.0228668	0.639063	-1.56479	0.835277	1.03483	1.03483	0.47055	1.1283	1.1283	0.626602	0.922541	-1.08396	0.825867	0.964416	-1.0369	1.91113	0.81846	0.380674	1
cg03352512	IGSF9B	0.187135	0.145528	0.509153	-1.96405	0.485436	0.736257	-1.35819	0.802694	1.11419	1.11419	0.18961	0.548754	-1.82231	0.0792885	0.4311102	-2.3196	0.665814	0.828881	-1.20605	0.00978663	0.243967	-4.09891	0.442625	0.731315	-1.4021	0.705581	0.848801	-1.17813	1.91113	5.64632	2.62617	1
cg02969500	NPAS3;NPAS3;NPAS3;NPAS3	0.187136	0.237287	0.644786	-1.5509	0.449663	0.760961	-1.31413	0.0829518	1.97481	1.97481	0.216439	1.58571	1.58571	0.739881	0.888608	-1.12536	0.466222	1.30059	1.30059	0.61862	1.19468	1.19468	0.0223888	2.63751	2.63751	0.651932	1.17462	1.17462	0.19112	3.80262	1.76865	1
cg16652920	CAMTA1	0.187141	0.519184	0.54616	-1.83096	0.260871	2.96056	2.96056	0.283623	2.80409	2.80409	0.0868152	5.75788	5.75788	0.524308	0.550326	-1.8171	0.0960422	5.42928	5.42928	0.480279	0.534713	-1.87041	0.12408	4.67136	4.67136	0.0682758	0.61617	-1.62317	0.9111	25.931	12.061	1
cg16849041	DOCK5;DOCK5	0.187143	0.643349	1.07686	1.07686	0.331164	0.852799	-1.17261	0.0788164	0.733473	-1.36338	0.252938	0.827266	-1.2088	0.372616	1.15646	1.15646	0.146469	0.780726	-1.28086	0.647311	0.929459	-1.07589	0.0878907	1.34868	1.34868	0.284714	1.193	1.193	1.19109	0.763344	0.355048	1
cg02798883	TANC2	0.187144	0.724453	1.08511	1.18631	0.279444	1.72049	1.72049	0.0601118	0.960173	-1.03654	0.0774153	2.55281	2.55281	0.350852	0.620354	-1.61158	0.806718	1.12547	1.12547	0.0204909	0.290521	-3.44209	0.476326	1.44795	1.44795	0.305423	0.599469	-1.66814	1.91108	7.03732	3.27322	1
cg27343001	MED26	0.187149	0.132859	0.731814	1.36647	0.308164	1.2252	1.2252	0.0599507	1.60478	1.60478	0.0224702	1.16202	1.16202	0.708564	-1.41131	0.986767	0.996812	-1.0032	1.16237	0.750352	-1.33271	0.888189	1.02746	1.02746	0.403589	1.17889	1.17889	0.722669	1.07102	1.07102	1.9106	1.12214	0.523139	1
cg13314310	WDR35;WDR35	0.187151	0.968639	1.00573	1.00573	0.893285	0.980683	-1.0197	0.338418	1.15421	1.15421	0.209286	1.21207	1.21207	0.78451	1.04064	1.04064	0.55563	1.09025	1.09025	0.0134729	0.641091	-1.55984	0.602995	0.926576	-1.07924	0.206678	1.21356	1.21356	1.91105	0.63929	0.297354	1
cg11209053	CAMK2A;CAMK2A	0.187154	0.0738323	1.36124	1.36124	0.0625678	0.622457	1.60654	0.0135458	1.67282	1.67282	0.0542132	0.622921	1.60527	0.317077	0.964001	-1.03735	0.967626	1.03344	1.03344	0.421203	0.850055	-1.17612	0.104357	0.909912	1.09945	0.908258	0.448289	2.22998	1.91107	0.790258	0.67577	1
cg12557626	LAMP1	0.187155	0.306586	1.44297	1.44297	0.0830106	0.310841	-1.21708	0.368624	0.735418	-1.35977	0.65482	0.855648	-1.1687	0.54454	1.23673	1.23673	0.39999	0.741947	-1.34781	0.584738	1.20168	0.968159	1.00515	1.00515	0.72419	1.13059	1.13059	1.91103	3.63254	1.68962	1
cg19936585	SPOPL	0.187159	0.0319312	0.541004	-1.7185	0.237592	0.919335	-1.07511	0.357159	1.22626	1.22626	0.809062	1.05352	1.05352	0.0267899	0.5765	-1.7346	0.121601	0.69665	-1.43544	0.671029	0.932086	-1.07318	0.0479944	1.07243	1.07243	0.0955148	1.09564	0.980938	-1.01973	1.91101	1.40407	0.653093	1
cg08621893	NUDT6;NUDT6	0.187162	0.16055	0.395659	-2.52743	0.0354454	0.941839	-1.06175	0.864626	0.710741	-1.40698	0.331834	1.34798	1.34798	0.139153	0.737592	-1.67672	0.480991	0.642057	-1.55749	0.0209316	0.1793	-5.57725	0.649135	1.32753	1.32753	0.0544669	0.259338	-3.85597	1.91099	11.5797	5.38624	1
cg05255057	PIGG;PIGG	0.187165	0.956703	1.00924	1.00924	0.0245662	1.57409	1.57409	0.151689	1.29722	1.29722	0.895754	0.978036	-1.02246	0.103751	0.739776	-1.35176	0.780795	0.953836	-1.04848	0.209149	1.25142	1.25142	0.554625	0.903705	-1.10656	0.87123	0.972891	-1.02786	1.91097	0.868698	0.404075	1
cg16363447	SLC4A2	0.187167	0.133911	0.63341	1.63341	0.0351113	1.15017	1.15017	0.0949652	1.52532	1.52532	0.0638304	1.13088	1.13088	0.281572	1.27494	1.27494	0.415098	1.19819	1.19819	0.19819	0.954081	0.987579	-1.01258	0.924021	0.634036	-1.57707	0.0239507	1.91097	3.31865	1.77625	1
cg04143909	SLC35F3	0.187174	0.722534	1.33738	1.33738	0.187771	3.45344	3.45344	0.171385	0.274467	-3.64343	0.401251	2.14429	2.14429	0.188374	0.290115	-3.44691	0.508771	1.81328	1.81328	0.0585642	0.66748	6.66748	0.0996391	4.96423	4.96423	0.63205	0.651588	-1.53471	1.91093	23.8578	11.0977	1
cg12768770	SNORD55;SNORD46;RPS8	0.187176	0.0945657	0.599534	-1.66796	0.537609	1.14954	1.14954	0.0917525	1.52707	1.52707	0.0452864	1.19489	1.19489	0.515464	0.883969	-1.13115	0.896574	1.02735	1.02735	0.834227	-1.19871	0.0966574	0.601838	-1.66182	0.0215545	0.460207	1.223	1.223	0.760841	0.918517	-1.08871	1.91092	2.34595	1.09125	1
cg01215762	HOXA10;HOXA10	0.187179	0.428392	0.653698	-1.52976	0.585653	1.33568	1.33568	0.669663	1.22847	1.22847	0.210819	1.96689	1.96689	0.0561972	0.320768	-3.11752	0.188437	0.480597	-2.08075	0.361065	0.161831	6.16749	0.0172458	0.450521	0.611316	0.0756205	0.170332	5.87195	1.91092	8.367	3.89206	1
cg02227165	PRDM11	0.187181	0.0491312	0.54004	-1.8521	0.243002	1.5909	1.5909	0.0135159	2.07714	2.07714	0.0258585	0.657555	0.657555	0.12979	1.52088	1.52088	0.716582	1.1826	1.1826	0.0500428	0.604284	0.994078	0.993148	-1.00551	0.960464	0.98938	-1.01073	1.91091	1.40407	0.653093	1
cg15043926	STIM2;STIM2;STIM2	0.187189	0.381105	0.909898	-1.09902	0.741396	0.965791	-1.03542	0.373494	0.908445	-1.10078	0.272594	0.886903	-1.12752	0.113822	0.834586	1.1982	0.101912	0.828466	-1.20705	0.0338056	0.770678	-1.29756	0.960156	1.00526	1.00526	0.145887	1.17833	1.17833	1.91085	0.334327	0.155522	1
cg19676328	TUBA1B;TUBA1B	0.187189	0.262974	1.38045	1.38045	0.731332	0.909174	-1.0999	0.457458	0.811359	-1.2325	0.0540019	0.546476	-1.82991	0.225024	0.703243	-1.42198	0.0188341	0.455629	-2.19477	0.869313	0.955928	-1.04654	0.720357	0.905544	-1.10431	0.732375	1.09947	1.09947	1.91085	2.30981	1.07448	1
cg15808558	EPHA4	0.187196	0.397382	0.63941	1.56403	0.956778	1.05519	1.05519	0.0167002	1.55152	1.55152	0.0636804	1.75802	1.75802	0.0119922	0.569703	-1.75541	0.715582	1.18326	1.18326	0.0500408	0.604284	0.994078	0.993383	-1.00652	0.741782	0.75597	1.32357	1.32357	1.91085	0.715077	0.128242	1
cg20801751	C1orf69	0.187198	0.560031	0.769362	-1.29978	0.224324	1.76456	1.76456	0.589108	0.784575	-1.27458	0.946441	1.03023	1.03023	0.00778494	0.218669	-4.57313	0.510066	0.742831	-1.3462	0.363166	0.659813	-1.51558	0.530099	0.753537	-1.32707	0.280346	0.606979	-1.6475	1.9108	5.99031	2.78664	1
cg08010337	HUBP	0.187202	0.454053	1.20193	1.20193	0.38365	0.91398	-1.0948	0.393572	1.08778	1.08778	0.0427644	1.05152	1.05152	0.884013	1.0587	-1.04402	0.546122	0.914823	-1.09311	0.0875547	0.759676	-1.31625	0.463284	0.896905	-1.11495	0.608158	0.927403	-1.07828	1.9104	0.642847	0.299025	1
cg04814352	MBNL2;MBNL2	0.187206	0.878585	1.07943	1.07943	0.4481	1.47163	1.47163	0.0115583	0.354149	3.54149	0.463801	0.688784	-1.45183	0.0434072	0.313044	-3.19444	0.796207	0.878621	-1.13815	0.981243	1.02182	1.02182	0.883935	1.88935	0.979756	1.01277	-1.01277	1.91076	7.5653	3.51939	1
cg25368651	DNHD1;DNHD1	0.187206	0.252621	0.782799	-1.27747	0.141557	1.38256	1.38256	0.927273	0.981465	-1.01889	0.926616	0.981299	-1.01906	0.566124	0.887934	-1.12621	0.0272089	0.585288	-1.70856	0.285345	1.25534	1.25534	0.165357	1.35424	1.35424	0.91454	1.02224	1.02224	1.91076	1.2705	0.591223	1
cg00971175	SYDE1	0.187207	0.683805	1.00543	1.00543	0.0931068	0.451312	-1.22556	0.840351	1.19489	1.19489	0.154564	1.1052	1.1052	0.884013	1.0587	-1.04402	0.466079	0.836035	-1.19614	0.638471	1.13095	1.13095	0.0975157	1.19255	1.19255	0.0716755	1.07623	1.07623	1.91076	1.06636	0.557675	1.76429	0.820755	0.470255	1
cg11517936	KIAA1712;FBXO8;KIAA1712;FBXO8	0.187208	0.866464	1.05613	1.05613	0.0112344	0.80335	-1.80335	0.0603098	1.98556	1.98556	0.941786	1.03298	1.03298	0.496105	0.799098	-1.25141	0.244273	1.48486	1.48486	0.859846	1.05903	1.05903	0.616555	0.927363	-1.07833	0.616	1.17833	1.17833	1.91075	1.38705	1.48263	1
cg26222332	PRDM16;PRDM16	0.187209	0.396764	0.662845	-1.50854	0.0402	1.39488	1.39488	0.0188259	0.668153	-1.49666	0.0954441	0.928381	-1.07714	0.0508585	0.657555	-1.52079	0.456435	1.16072	1.16072	0.0482493	0.602856	-1.65922	0.411702	1.17852	1.17852	0.0576805	0.637032	-1.56999	1.91087	5.5775	2.58137	1
cg02515637	GANAB;GANAB	0.18721	0.594569	0.847365	-1.18013	0.234177	0.680781	-1.4689	0.414527	0.773241	-1.29326	0.33007	1.36327	1.36327	0.397594	0.765631	-1.30611	0.0853291	1.79761	1.79761	0.0470281	0.496166	-2.01546	0.274023	0.704027	-1.4204	0.213104	0.667465	-1.49821	1.91074	1.87673	1.33827	1
cg21929991	RNF130	0.187213	0.763134	0.96747	-1.03362	0.0511078	1.275515	1.275515	0.219001	1.15194	1.15194	0.193982	0.909921	-1.099	0.17535	1.17085	1.17085	0.480659	0.925477	-1.08052	0.952196	1.00659	1.00659	0.707212	0.801744	-1.24728	0.509117	0.929373	-1.07599	1.91073	0.362997	0.168544	1
cg17958516	ZMZ1	0.187216	0.329709	1.46159	1.46159	0.0180116	0.737869	-1.3556	0.0331373	1.38538	1.38538	0.50474	0.934851	1.07005	0.0154456	0.722908	-1.38308	0.774412	1.1544	1.1544	0.62063	0.78268	-1.27766	0.0447595	1.16176	1.16176	0.403761	1.53249	1.53249	1.91072	1.55158	0.314476	1
cg23982527	CHID1;CHID1;CHID1;CHID1;CHID1	0.187216	0.926517	1.01762	1.01762	0.679497	0.08183	1.08183	0.462013	0.867836	-1.15229	0.807031	0.954728	-1.04742	0.743197	0.939706	1.06416	0.154124	1.33486	1.33486	0.00719634	1.92853	1.92853	0.989187	0.997438	-1.00257	0.434306	1.6303	1.6303	1.91071	1.08458	0.504561	1
cg03122239	UBR2	0.187217	0.51194	0.84469	-1.18386	0.0990428	0.80538	-1.24178	0.0153818	1.35385	1.35385	0.703893	0.874447	-1.14377	0.0403857	0.800159	1.24969	0.0985527	1.10431	1.10431	0.0808394	0.844172	0.909402	-1.09985	0.844172	0.909402	-1.09985	0.12092	0.431407	1.91071	0.19422	0.090886	1
cg10865498	SRC;SRC	0.187218	0.64728	1.17095	1.17095	0.0241009	0.360219	-1.27763	0.477254	1.2809	1.2809	0.938009	1.027	1.027	0.21903	0.708321	-1.41316	0.510644	0.795655	-1.25683	0.0431418	0.450646	-2.21903	0.768533	0.903843	-1.10639	0.938644	0.973972	-1.02672	1.9107	1.5515	1.65222	1
cg09179554	DHX16;DHX16;DHX16	0.18722	0.209299	1.37306	1.37306	0.1143116	1.50907	1.50907	0.104615	1.53058	1.53058	0.8127617	1.05849	1.05849	0.0652127	1.64201	1.64201	0.321874	0.782567	-1.27785	0.472123	0.839273	-1.19151	0.0747694	1.60882	1.60882	0.683766	1.10309	1.10309	1.91069	1.73688	0.808029	1
cg15687976	TBC1D3C	0.187221	0.286661	1.39149	1.39149	0.0422	1.32487	1.32487	0.153948	1.04148	1.04148	0.756633	-1.32165	0.468587	1.36453	1.36453	1.36453	1.30782	0.0795035	0.853224	-1.17206	0.0333939	3.06127	0.0403872	2.36108	2.36108	0.571653	1.23122	1.23122	1.91068	1.65044	0.781267	0.405045	1
cg02682310	DDRGK1	0.187223	0.231346	1.3747	1.3747	0.0533173	1.74435	1.74435	0.716056	0.911561	-1.09702	0.230702	1.37536	1.37536	0.290565	0.757277	-1.32052	0.238796	1.36716	1.36716	0.363066	0.78903	-1.26738	0.222155	1.38435	1.38435	0.0817176	1.63072	1.63072	1.91067	1.94437	0.904563	1
cg14550985	RIN3	0.187224	0.340233	1.38722	1.38722	0.0366802	0.408548	-1.70859	0.0220099	1.68889	1.68889	0.322548	1.84884	1.84884	0.0433504	0.541154	-1.84807	0.257577	1.34797	1.34797	0.0214842	0.743795	-1.34502	0.0218272	1.45181	1.45181	0.0183464	1.14006	1.14006	1.91067	3.03222	1.58864	1
cg21702971	LRP1;MIR1228	0.187233	0.227272	2.12582	2.12582	0.202027	0.31103	0.31103	0.0263634	4.79182	4.79182	0.340273	1.79451	1.79451	0.327027	1.82578	1.82578	0.370631	1.72803	1.72803	0.0934565	2.6973	2.6973	0.563996	1.41484	1.41484	0.679916	1.12997	1.12997	1.91062	1.07117	4.98348	1
cg15908705	PSAC3	0.187235	0.746008	0.868868	-1.15129	0.443407	0.909374	-1.0998	0.393653	1.04136	1.04136	0.0170762	0.684888	-1.46015	0.0224722	0.641459	-1.55901	0.0980184	1.20224	1.20224	0.0210746	0.830589	-1.20456	0.0996323	1.03089	1.03089	0.0127419	1.2004	1.2004	1.91047	0.817113	-1.22382	1.91061	0.505458	0.235159	1
cg13780540	CRYBA2;CRYBA2;CRYBA2	0.187235	0.0818085	0.51064	1.51064	0.186334	4.29794	4.29794	0.477637	1.82501	1.82501	0.364149	2.17502	2.17502	0.0268705	0.459227	-2.17702	0.514054	1.35601	1.35601	0.216218	0.42687	-2.34207	0.0589456	0.91298	0.91298	0.0590537	0.50737	0.50737	1.91061	21.0088	10.7411	1
cg16597045	C1orf200;PIK3CD	0.187236	0.543435	0.874561	-1.14343	0.162293	1.38422	1.38422	0.963258	1.01009	1.01009	0.653977	1.10332	1.10332	0.0472292	0.609695	-1.64016	0.492407	1.16409	1.16409	0.870671	0.965115	-1.03615	0.905588	1.26009	1.26009	0.0486913	0.612215	-1.63341	1.9106	1.43711	0.6686	1
cg13940104	RSPH4A;RSPH4A	0.187238	0.254885	1.39256	1.39256	0.0731668	2.14239	2.14239	0.0431167	1.28576	1.28576	0.899026	1.05496	1.05496	0.0178174	0.793322	-1.26075	0.247878	1.55806	1.55806	0.0157475	1.14544	1.14544	0.810737	1.08899	1.08899	0.377303	1.37921	1.37921	1.91059	1.38166	1.77707	1
cg20709868	DNASE2;DNASE2	0.187241	0.951746	1.01043	1.01043	0.0821152	1.39137	1.39137	0.42164	1.15115	1.15115	0.966379	1.02038	1.02038	0.773111	0.951639	-1.05082	0.512899	1.892444	1.892444	-1.1252	0.612694	0.58794	-1.70085	0.8992	0.96576	-1.03545	0.829667	1.03763	1.03763	1.91058	0.8887449	0.413951	1
cg12752179	RBM38;RBM38;RBM38;RBM38	0.187243	0.125291	1.48667	1.48667	0.209613	1.57168	1.57168	0.0668262	1.72273	1.72273	0.153266	1.44122	1.44122	0.227587	1.35843	1.35843	0.956412	1.08702	1.08702	-1.01315	0.454279	1.19912	1.19912	0.0535247	1.68889	1.68889	0.645625	1.72939	1.72939	1.91057	1.72944	0.804152	1
gb0383604	HOXC10	0.187243	0.241307	0.475729	-2.10574	0.450488	0.62769	-1.59314	0.256308	2.04966	2.04966	0.124812	0.369134	-2.70904	0.264044	0.49404	-2.02413	0.593036	0.721269	-1.38644	0.305496	0.52389	-1.90154	0.035884	4.38671	4.38671	0.688732	0.783573	-1.2762	1.91057	11.3007	5.16457	1
cg21287488	68;ZNF268;ZNF268;ZNF268

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg17842157	HDAC5;HDAC5;HDAC5;HDAC5	0.187467	0.742307	1.31919	0.316619	0.820703	1.20807	1.20807	0.62122	0.653346	1.53058	0.754371	0.770012	-1.28868	0.248905	2.72791	2.72791	0.625656	1.5059	1.5059	0.0681869	5.4767	5.4767	0.1143137	4.17914	4.17914	0.0399907	0.13854	7.21812	1.90045	20.9678	9.76094	1
cg22198603	BTBD9;BTBD9;BTBD9	0.187459	0.181766	2.843036	-3.51733	0.00731039	0.0464735	-21.5176	0.0936352	0.194759	-5.13456	0.523576	0.563348	-1.7751	0.383458	0.452492	-2.20998	0.706294	0.714686	-1.39922	0.178723	0.285105	-3.55233	0.362269	0.435663	-2.29535	0.487485	0.534771	-1.86996	1.90944	23.8092	11.0837	1
cg10205642	SNIP1	0.187462	0.376898	0.842959	-1.1863	0.445045	0.863101	-1.15874	0.69727	1.07678	1.07678	0.0681629	1.47184	1.47184	0.129444	1.36346	1.36346	0.415343	1.17065	1.17065	0.0431729	0.643896	-1.55305	0.793775	1.05083	1.05083	0.991342	0.997949	-1.00206	1.90943	1.083	0.504166	1
cg13935507	ZHX2;ZHX2	0.187466	0.155815	0.689688	-1.44993	0.661159	1.11395	1.11395	0.0839923	1.59646	1.59646	0.817321	1.05824	1.05824	0.0549727	0.587183	-1.70305	1.34072	1.27151	1.27151	0.188074	0.71143	-1.40562	0.923709	0.976583	-1.02371	0.318477	0.777046	-1.28693	1.90941	1.83101	0.842665	1
cg23459424	BRE;BRE;BRE;BRE;BRE	0.187466	0.021950	0.421822	-2.37067	0.972011	0.101108	0.101108	0.205407	0.65737	-1.52121	0.295977	0.711544	-1.4054	0.218359	0.665917	-1.50169	0.087366	0.552841	-1.80884	0.104269	0.572521	-1.74666	0.746319	1.10731	1.10731	0.123757	0.59244	-1.68793	1.9094	2.98229	1.38835	1
cg01160855	MIR2168	0.187467	0.205242	0.46127	-2.16793	0.160486	0.419788	-2.38215	0.10733	0.361493	-2.76649	0.746016	0.828485	-1.20702	0.0308343	2.030217	-4.34037	0.156936	0.416258	-2.40236	0.0403802	2.053715	-3.94143	0.76612	1.18851	1.18851	0.396184	0.60469	-1.65374	1.9094	10.1363	4.71878	1
cg18860280	MBL1P	0.187468	0.296724	0.791128	-1.26402	0.411468	0.833711	-1.19946	0.788195	0.943354	-1.06005	0.607902	1.11859	1.11859	0.192456	1.34817	1.34817	0.450364	1.18123	1.18123	0.01147	1.98371	1.98371	0.65076	1.10373	1.10373	0.585173	0.887482	-1.12678	1.9094	1.14823	0.660234	1
cg06154313	RBP4	0.187468	0.564212	1.5995	1.5995	0.168057	0.26559	0.265591	0.0583617	0.818107	-1.22331	0.284998	0.408825	-2.44653	0.0954139	0.228525	-4.37588	0.405906	0.503713	-1.98526	0.113358	4.008	4.008	0.159973	2.69497	2.69497	0.165994	0.29216	3.29216	1.90939	19.6338	9.14022	1
cg06138325	RLTPR	0.187486	0.723627	0.867545	-1.15268	0.0423961	0.392409	-2.54836	0.0926133	0.476814	-2.09726	0.896487	1.05347	1.05347	0.452409	0.736126	-1.35846	0.059531	0.32418	2.34218	0.452348	0.736094	-1.35853	0.572533	0.797272	-1.25428	0.588167	1.24457	1.90943	4.8429	2.25465	1
cg25033323	ADAH	0.187489	0.17453	0.528967	-1.89048	0.971231	0.984224	-1.01603	0.444498	0.709133	-1.41017	0.0146133	0.265571	-3.76548	0.128074	0.484138	-2.06553	0.914821	1.04831	1.04831	0.728869	1.16597	1.16597	0.770886	1.13742	1.13742	0.0920036	0.44137	-2.26567	1.90928	5.87926	2.73716	1
cg15445767	RPS15	0.187491	0.275128	1.31519	1.27513	0.307966	0.0756	0.0756	0.0648317	1.13668	-1.15408	0.184008	0.0917	-5.58405	0.0138465	0.178914	-5.58918	0.31383	0.835637	-1.19659	0.0284937	0.641587	-1.55864	0.305405	1.20221	1.20221	0.130166	0.12385	-8.07339	1.90928	0.8905	0.414426	1
cg16802801	BCOR;BCOR;BCOR;BCOR	0.187492	0.212018	0.624103	-1.60227	0.684259	0.863663	-1.15703	0.372452	0.72011	-1.38868	0.46193	1.3087	1.3087	0.269328	0.6919988	-1.5106	0.0626598	0.408031	-2.45079	0.631927	1.18894	1.18894	0.849505	1.07049	1.07049	0.0771992	0.22295	0.22295	1.90927	3.88836	1.81028	1
cg24608095	NLGN1	0.187493	0.189233	1.57408	1.15498	0.305805	0.11611	1.11611	0.175854	1.1608	1.1608	0.0499999	0.793302	-1.26155	0.147581	0.851318	-1.17465	0.262158	0.98604	-1.01935	0.818417	0.970569	-1.02118	0.198426	1.1512	1.1512	0.8435514	0.979738	-1.02068	1.90926	0.324545	0.151097	1
cg06383397	POM121;POM121	0.187494	0.121981	0.727934	-1.37375	0.973351	0.993692	-1.00635	0.883352	1.1557	1.1557	0.545226	0.890403	-1.12297	0.156361	0.750338	-1.33273	0.388771	0.845926	-1.18214	0.203165	1.28978	1.28978	0.236646	1.26477	1.26477	0.0631973	1.40562	1.40562	1.90926	1.08514	0.505207	1
cg04197920	CCDC75;HEATR5B	0.187495	0.492638	1.14077	1.14077	0.49887	1.15385	0.0194548	1.70559	0.479934	1.66458	0.102183	0.71314	-1.40225	0.0973549	1.56458	1.56458	0.150116	1.38355	1.33855	0.743131	1.03043	1.03043	0.235533	1.24687	1.24687	1.90925	1.08022	0.502917	1
cg05851866	TNFSF13B;TNFSF13B	0.187497	0.296387	0.526322	-1.89988	0.629745	0.337276	-3.12133	0.239965	0.682227	-1.46537	0.957524	0.968919	-1.03258	0.682227	1.46537	1.46537	0.094228	0.536286	-1.86473	0.484447	1.52988	1.52988	0.0157039	0.234402	-4.25894	0.49813	0.665179	1.50315	1.90924	10.6265	4.94799	1
cg16788857	C3orf59	0.187502	0.810088	0.883938	-1.1313	0.0103648	0.23062	1.23062	0.102298	2.49983	2.49983	0.792022	0.873349	-1.14502	0.665686	0.800308	-1.24952	0.459203	0.679643	-1.47136	0.571733	0.746147	-1.34022	0.807162	1.1335	1.1335	0.811428	0.884726	-1.13029	1.90922	7.93997	3.69667	1
cg21975377	FZD6;FZD6;FZD6	0.187508	0.028809	0.2806127	-34.9495	0.474016	0.431263	-2.30807	0.519302	0.471428	-2.12122	0.902775	0.777852	-5.62265	0.0923744	0.118575	-8.43348	0.135452	0.156877	-6.37443	0.20014	0.210581	-4.74876	0.774226	1.39245	1.39245	0.240303	0.24568	-4.03365	1.90919	40.0659	18.6541	1
cg22504024	CUX2	0.187509	0.694805	1.1719	1.1719	0.720906	0.242601	1.21832	0.0122268	0.31568	-3.16776	0.502078	0.96043	-1.0412	?	?	?	0.71291	0.35564	1.46557	0.46557	0.790231	0.898296	-1.11322	1.93431	3.85621	2.27839	1
cg10099364	AHCY;AHCY	0.187512	0.308918	0.519258	-1.92582	0.123376	2.82562	2.82562	0.345782	1.82996	1.82996	0.408799	0.591087	-1.6918	0.0821297	0.301583	-3.31584	0.347209	0.547494	-1.8265	0.159792	0.392645	-2.54683	0.290414	0.505172	-1.97952	0.234577	2.17155	2.17155	1.90917	11.7119	5.45296	1
cg04087225	CDA	0.187512	0.988209	1.00866	1.00866	0.443375	0.93679	-1.5189	0.210431	0.442628	-2.16064	0.0656408	0.299387	-3.33968	0.0991954	0.331169	-3.01954	0.412053	0.612864	-1.63158	0.498431	0.669238	-1.4936	0.0745823	0.173898	-5.7505	0.35092	0.70948	-1.41547	1.90917	10.3043	4.79757	1
cg20328588	FYXD5;FYXD6;FYXD6;FYXD6;FYXD6	0.187514	0.361275	0.675859	-1.4796	0.881444	0.939601	-1.06428	0.341586	0.56336	-1.56336	0.848267	1.08325	1.08325	0.211024	0.483495	-2.06828	0.952208	0.975289	-1.02534	0.0151364	0.28769	-3.47597	0.440693	0.516056	-1.93777	0.392089	0.693483	1.442	1.90916	5.26941	2.4534	1
cg15072680	DPF1;DPF1;DPF1	0.187515	0.496889	1.23233	1.23233	0.140836	0.917061	1.09226	0.0156868	0.812653	-1.23067	0.360005	0.613559	-1.63009	0.0157578	0.479117	-2.08725	0.344221	0.15647	6.39217	0.0152148	0.189416	5.27725	0.0139938	0.19249	5.19703	0.0125603	0.544176	-1.83864	1.90915	0.76373	1.37307	1
cg03641300	PLA2R1;PLA2R1	0.187517	0.135987	0.68102	1.68102	0.348323	1.36637	1.36637	0.445372	1.28596	1.28596	0.216738	0.656912	-1.52227	0.715523	1.12562	1.12562	0.577337	1.19962	1.19962	0.0524756	0.490233	-2.03985	0.934116	1.02709	1.02709	0.091436	0.548132	-1.82378	1.90914	3.16024	1.47139	1
cg27418204	TNC;TNC;TNC;TNC;TNC	0.187519	0.402192	0.787651	-1.2696	0.802625	1.07222	1.07222	0.188268	1.48246	1.48246	0.0796	0.888717	1.88717	0.411526	0.791533	-1.26337	0.113861	0.619458	-1.61431	0.520849	0.834278	-1.19864	0.707305	1.29165	1.29165	0.197832	0.14676	1.46076	1.90913	2.34374	1.09125	1
cg08470467	C12orf39	0.187523	0.6729	1.10931	1.10931	0.739103	0.108506	0.468873	0.19725	1.19725	0.319969	0.777719	-1.28383	0.363973	0.756109	1.32243	1.32243	0.559202	1.85724	-1.16997	0.442977	0.75871	-1.75837	0.175882	1.42132	1.42132	0.0747085	1.62416	1.62416	1.90911	1.8045	0.846184	1
cg17606681	C11orf73	0.187524	0.478934	0.790906	-1.26437	0.633887	1.16925	1.16925	0.427499	1.30215	1.30215	0.00893892	2.95589	2.95589	0.44029	0.773772	2.29237	0.582508	1.19833	1.19833	0.696124	1.13645	1.13645	0.253503	1.47497	1.47497	0.17938	0.59166	1.59166	1.9091	3.21121	1.49516	1
cg21246178	POLI	0.187537	0.19327	0.56542	-1.7686	0.432483	0.717649	-1.39344	0.0311133	0.350686	-2.85156	0.431761	0.71726	-1.3942	0.0925007	0.464492	-2.15289	0.386375	0.69228	-1.4445	0.0307376	0.349586	-2.86052	0.544394	1.28931	1.28931	0.570678	0.78872	-1.26788	1.90904	5.18634	2.41487	1
cg01909910	SNX29	0.187538	0.939431	0.937558	-1.0666	0.0539702	6.39858	6.39858	0.243617	2.81542	2.81542	0.325779	0.422804	-2.36516	0.508776	0.566256	-1.76599	0.259684	2.71179	2.71179	0.0645263	0.171725	-5.82328	0.952379	0.950591	-1.05198	0.281913	2.58252	2.58252	1.90903	21.7649	10.1342	1
cg07447049	MCF2L	0.187539	0.637307	1.43661	1.43661	0.0939133	0.178713	1.17881	0.0135295	0.2104	-4.75299	0.0116279	0.11279	-9.00796	0.0163375	0.186779	-5.35475	0.932506	1.07046	1.07046	0.496444	1.00161	1.00161	0.745696	1.31228	1.31228	0.30902	0.21087	4.74196	1.90902	0.8187	0.31867	1
cg12263469	CCND1	0.187542	0.854349	1.09	1.09	0.499619	1.37902	1.37902	0.101494	0.431349	-2.31831	0.965899	0.98015	-1.02025	0.0770333	0.397709	-2.5144	0.420308	0.679691	-1.47126	0.0280375	0.226122	-3.37699	0.300763	1.65341	1.65341	0.86299	0.922193	-1.08437	1.90901	6.64929	3.0961	1
cg17807479	SHISA6	0.187548	0.139744	0.6838	-1.46236	0.0910701	0.147302	0.147302	0.0516867	0.190303	-5.25402	0.0116962	0.12438	-8.03489	0.0124407	0.183493	-5.44844	0.222911	0.7958	1.25647	0.651437	0.245402	4.302	4.302	0.0165155	0.08121	38.01	0.0369478	0.20729	0.16472	1.90901	0.72121	1
cg01846486	ZCCHC14	0.187558	0.733065	0.841889	-1.1878	0.0319163	0.519348	1.53948	0.46354	0.687215	-1.45515	0.947219	0.967264	-1.03384	0.0262615	0.265737	-3.76311	0.495045	0.705874	-1.41668	0.673958	0.808368	-1.23706	0.732072	1.1886	1.1886	0.731283	0.840876	-1.18924	1.90892	0.964159	7.64151	3.55826	1
cg01590753	VEGFC	0.187558	0.96142	1.01191	1.01191	0.527385	1.3848	1.3848	0.819928	1.12313	1.12313	0.0560356	0.30515	3.00515	0.271145	0.558532	-1.79041	0.651907	0.79384	-1.2597	0.139941	0.446448	-2.24209	0.40451	0.32567	3.32567	0.729293	1.19318	1.19318	1.90892	7.81438	3.63876	1
cg25627263	OSBPL5;OSBPL5;OSBPL5	0.187559	0.0501541	0.4911	-2.04233	0.0844306	0.701765	0.701765	0.0176961	0.76226	-1.31208	0.0127408	0.127905	-7.81792	0.0139507	0.185203	-5.39292	0.342721	0.15647	6.39217	0.0152148	0.189416	5.27725	0.0139938	0.19249	5.19703	0.0125603	0.544176	-1.83864	1.90891	0.76373	1.37307	1
cg06212637	B3GNT9	0.187561	0.101207	0.323531	-3.0909	0.0418969	0.228932	-4.3681	0.129744	0.357137	-2.79863	0.138921	0.367326	-2.72238	0.0300332	0.200064	-4.97603	0.147233	0.376101	-2.65886	0.245894	0.466243	-2.1448	0.223434	0.447418	-2.23505	0.520731	0.664113	-1.50577	1.90891	11.9159	5.56541	1
cg13427217	THADA;THADA;THADA	0.187562	0.290457	0.5262	-1.90066	0.0776756	0.12127	1.12127	0.830402	1.02219	1.02219	0.883303	0.99958	1.00042	0.997201	1.00279	1.00279	0.0770324	1.12317	1.12317	0.0636948	0.844664	-1.24303	0.642284	1.1042	1.1042	0.16384	0.163679	1.1042	1.90883	0.343861	0.151873	1
cg17678719	HLA-A	0.187581	0.152921	0.67492	-1.48166	0.540408	0.172526	1.17256	0.834488	0.947671	-1.05521	0.202671	0.707904	-1.41262	0.731323	0.915276	-1.09257	0.994852	1.00166	1.00166	0.917861	0.445869	-2.24281	0.893912	0.618128	-1.61779	0.535267	0.851067	1.175	1.90881	1.99437	0.928734	1
cg12837840	NEDD9;NEDD9;NEDD9	0.187588	0.539705	0.853344	-1.17186	0.0307537	1.91193	1.91193	0.322515	1.28827	1.28827	0.970919	1.00936	1.00936	0.893552	1.03479	1.03479	0.0814022	1.63788	1.63788	0.154667	1.47567	1.47567	0.70503	0.907427	-1.10202	0.209101	0.71306	-1.40241	1.90877	1.97245	0.918543	1
cg26947450	LRIG3;LRIG3	0.187589	0.465226	1.13964	1.13964	0.0654461	1.24751	1.24751	0.165513	1.27234	1.27234	0.242171	2.66486	2.66486	0.0655444	0.523955	1.90941	0.0876049	1.7542	1.7542	0.0243902	0.814464	-1.2278	0.398323	0.185458	-5.15669	0.0818559	1.041	1.041	1.90883	0.343861	0.151873	1
cg21936286	TSSC1	0.187591	0.856996	0.973869	-1.02683	0.0235298	0.48746	-1.48746	0.509532	1.1032	1.1032	0.157283	1.26621	1.26621	0.0707904	-1.41262	0.731323	0.915276	1.09257	1.09257	0.178311	1.18111	1.18111	0.474202	0.898668	-1.11276	0.0398868	1.47122	1.47122	1.11175	0.345568	1.15327	1.15327	1.90876	0.651426	0.303362	1
cg18447402	MIR9533;MIRP533	0.187593	0.0491311	0.5772	-1.73253	0.0844306	0.701765	0.701765	0.0176961	0.76226	-1.31208	0.0127408	0.127905	-7.81792	0.0139507	0.185203	-5.39292	0.342721	0.15647	6.39217	0.0152148	0.189416	5.27725	0.0139938	0.19249	5.19703	0.0125603	0.544176	-1.83864	1.90875	0.76373	1.37307	1
cg03131717	XAB2;LOC100131801;LOC100131801	0.187592	0.0231059	0.593707	-1.68431	0.158786	0.748939	-1.33522	0.223718	0.782431	-1.27807	0.0944783	0.702713	-1.42306	0.431971	1.16641	1.16641	0.326901	1.21441	1.21441	0.448194	0.862124	-1.15993	0.915989	0.979951	-1.02046	0.705478	0.929716	-1.0756	1.90875	1.11368	0.518629	1
cg20947450	LRIG3;LRIG3	0.187592	0.407423	0.919464	-1.14262	0.0274064	0.154744	-1.64726	0.847496	1.03528	1.03528	0.916619	0.985987	-1.01394	0.0165444	0.529955	1.88753	0.598502	1.10961	1.10961	0.0944184	0.74184	-1.34801	0.761138	0.707017	1.71823	0.13983	7.19823	0.251195	2.61469	2.61469	1.90855	19.4283	9.04854	1
cg23561752	ZNF82B;ZNF82B;ZNF82A	0.187593	0.451993	0.876546	-1.14162	0.0703672	0.537005	-1.73	0.0746979	0.661759	0.667579	-1.50987	0.518015	1.2095	1.2095	0.0892585	0.580499	0.826072	0.938123	-1.06596	0.510224	0.713556	1.40218	0.0233894	0.234506	-4.26277	0.340589	0.70642	-1.41507	1.90852	2.98229	1.38835	1
cg02872693	ZNF133;ZNF133	0.187594	0.973329	1.01918	1.01918	0.324988	1.78182	1.78182	0.0862902	0.340606	-2.93595	0.440346	1.56396	1.56396	0.698021	1.24805	1.24805	0.276368	1.90309	1.90309	0.617289	1.33151	1.33151	0.556487	0.713177	-1.40218	0.0233894	0.234506	-4.65188	1.90874	9.76414	4.54711	1
cg24870217	? Mar	0.187651	0.978761	1.00921	1.00921	0.393109	0.717648	-1.39345	0.0311133	0.350686	-2.85156	0.431761	0.71726	-1.3942	0.0925007	0.464492	-2.15289	0.379615	0.71739	-1.3972	0.0762453	0.434659	-2.30055	0.314359	0.70459	1.41953	0.103412	0.102303	0.426277	-2.34589	1.90866	2.97402	1.38504	1
cg16974746	RUSC2	0.187613	0.017645	0.528973	-1.89046	0.142252	0.706086	-1.41626	0.98431	1.00435	1.00435	0.957093	1.01194	1.01194	0.886352	0.968945	-1.03205	0.152057	0.712843	-1.40283	0.211788	1.33166	1.33166	0.793415	1.05961	1.05961	0.53121	1.15019	1.15019	1.90864	1.47111	0.685124	1
cg08941522	EPN4;EPN4	0.187616	0.9372977	1.02625	1.02625	0.0373619	2.78473	2.78473	0.103047	0.41513	-2.24153	0.809632	1.06425	1.06425	0.2288	0.564604	-1.77115	0.190856	0.534254	1.87177	0.899118	0.944212	-1.05908	0.734992	1.17364	1.17364	0.198045	0.540497	-1.85015	1.90863	6.10219	2.68384	1
cg25987417	PPEF2;PPEF2	0.187616	0.0461854	0.44184	-2.26326	0.0337101	0.180092	-2.14826	0.0416416	0.454684	-2.19846	0.0618255	0.282156	-3.46594	0.0299984	0.401105	-2.49131	0.502025	0.783784	-1.27586	0.264724	0.659918	-1.51534	0.102221	0.527555	-1.89554	0.197305	0.614261	-1.62797	1.90862	3.66485	1.79995	1
cg06000781	BST1	0.187621	0.3161	1.36712	1.36712	0.173372	0.645938	-1.54814	0.0678029	0.539591	-1.85326	0.648756	0.800601	-1.24906	0.0501915	0.12682	1.02682	0.931418	0.974366	-1.02631	0.0346161	2.10276	2.10276	0.794109	1.0821	1.0821	0.497098	1.23122	1.23122	1.9086	2.75139	1.2814	1
cg06956295	TAF4	0.187622	0.162652	0.681922	-1.46691	0.183245	0.31655	-3.15655	0.0178802	0.239011	-4.18369	0.0095	0.113161	0.503816	0.0758265	1.32064	1.32064	0.0888193	0.500513	-1.99795	0.13302	0.656785	-1.52257	0.794574	1.13315	1.13315	0.112539	0.166678	0.580587	1.72239	1.90857	1.72239	0.802757	1
cg17420019	DAR5	0.187628	0.0136253	0.371485	-2.6919	0.615094	0.848313	-1.17881	0.753551	0.902852	-1.1076	0.227342	0.662838	-1.50866	0.118951	1.73172	1.73172	0.717683	1.12503	1.12503	0.39825	0.7553	-1.32398	0.402969	0.757515	-1.3201	0.930343	1.02877	1.02877	1.90856	3.18249	1.4822	1
cg09926091	NGF	0.187633	0.626486	1.19614	1.19614	0.0654461	1.24751	1.24751	0.165513	1.27234	1.27234	0.242171	2.66486	2.66486	0.0655444	0.523955	1.90941	0.0876049	1.7542	1.7542	0.0243902	0.814464	-1.2278	0.398323	0.185458	-5.15669	0.0818559	1.041	1.041	1.90856	0.343861	0.151873	1
cg23245432	USP34	0.187633	0.424274	0.81293	-1.23012	0.362996	0.768768	-1.2678	0.196582	0.144515	1.44515	0.831514	0.947361	-1.05556	0.156684	0.680804	1.46885	0.020405	0.491994	-2.03255	0.461591	0.826776	-1.20952	0.518375	1.18061	1.18061	0.358061	1.27109	1.27109	1.90855	1.94705	0.906824	1
cg08310866	KCNJ12	0.187635	0.075352	0.55997	6.59972	0.0380309	9.89674	9.89674	0.159208	4.19505	4.19505	0.1315321	4.71939	4.71939	0.10625	5.31225	5.31225	0.115544	5.10671	5.10671	0.104222	5.43518	5.43518	0.10747	5.33551	5.33551	0.289833	2.84932	2.84932	1.90852	27.4574	12.7882	1
cg02378025	UG1	0.187636	0.1026	0.778432	-1.2973	0.0913703	0.139133	1.17881	0.0135295	0.2104	-4.75299	0.0116279	0.11279	-9.00796	0.0163375	0.186779	-5.35475	0.120027	1.10961	1.10961	0.0944184	0.74184	-1.34801	0.761138	0.707017	1.71823	0.13983	7.19823	0.251195	2.61469	2.61469	1.90855	19.4283	9.04854	1
cg09152105	S100A5;S100A6	0.187636	0.219393	0.817478	-1.22328	0.4666	0.89083	-1.12255	0.285076	1.18918	1.18918	0.969925	1.0059	1.0059	0.934923	0.950139	-1.05248	0.252924	1.20482	1.20482	0.0169263	1.57955	1.57955	0.56647	0.913547	-1.09463	0.379924	0.867801	-1.15234	1.90852	0.735985	0.342783	1
cg19193496	BRP7A	0.187637	0.221534	0.818418	-1.22219	0.202117	0.429616	1.37902	0.101494	0.431349	-2.31831	0.965899	0.98015	-1.02025	0.0770333	0.397709	-2.5144	0.490837	0.679691	-1.47126	0.0280375	0.226122	-3.37699	0.300763	1.65341	1.65341	0.86299	0.922193	-1.08437	1.90851	6.64929	3.0961	1
cg25953310	ACAD10;ACAD10	0.187645	0.405206	1.44835	1.44835	0.290425	1.6116	1.6116	0.699536	0.844774	-1.18375	0.139185	1.99831	1.99831	0.786316	0.888523	1.12546	0.105154	2.16007	2.16007	0.0308538	3.01245	3.01245	0.0438981	2.73827	2.73827	0.940397	1.03306	1.03306	1.90847	5.71857	2.66348	1
cg04946263	BMI1	0.187648	0.682564	0.947555	-1.05535	0.0546084	0.751531	-1.33062	0.131961	0.808147	-1.2374	0.871662	1.02141	1.02141	0.381985	0.878869	-1.13783	0.526572	0.919375	-1.0877	0.0345758	0.724086	-1.38105	0.238965	1.17535	1.17535	0.624658	1.06073	1.06073	1.90846	0.518779	0.241628	1
cg05717550	PARP6	0.187654	0.167458	0.683202	-1.46337	0.0913451	0.147302	0.147302	0.0516867	0.190303	-5.25402	0.0116962	0.12438	-8.03489	0.0124407	0.183493	-5.44844	0.222911	0.7958	1.25647	0.651437	0.245402	4.302	4.302	0.0165155	0.08121	38.01	0.0369478	0.20729	0.16472	1.90847	0.72121	1
cg02636872	APOB48R	0.187663	0.48334	1.2628	1.2628	0.810288	0.92425	-1.08196	0.0581858	0.495966	-2.01627	0.117981	1.74372	1.74372	0.370908	1.35114	1.35114	0.899976	1.04205	1.04205	0.0686336	1.94954	1.94954	0.22882	0.661217	-1.51236	0.85

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105 vs. N)	Fold-Change(1-vs-105 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg00359933	C19orf10	0.187824	0.0406052	2.2417	0.12417	1.0945325	0.55677	-1.7907	0.3145441	0.7717911	-1.39283	0.710274	0.8878931	-1.12626	0.763636	0.9308374	-1.10087	0.612704	0.849879	-1.17664	0.0560944	0.503443	-1.08632	0.487205	0.798574	-1.25223	0.988019	0.995227	-1.0046	1.90754	3.062752	1.42942	1
cg10951325	SLC44A4	0.187828	0.976248	0.8916778	-1.12148	0.155371	1.84363	1.84363	0.389154	1.42631	1.42631	0.0419307	0.389352	-2.56837	0.440722	0.728806	1.37211	0.444014	0.730531	-1.36887	0.0707355	0.449746	-2.25354	0.511506	1.30723	1.30723	0.316962	0.659519	-1.55165	1.70552	4.8909	2.27912	1
cg00250811	C20orf96	0.187831	0.900246	1.02309	1.02309	0.8895067	0.711166	-1.40614	0.216222	1.26736	1.26736	0.0346074	0.638549	-1.56605	0.849079	0.96591	-1.03529	0.213603	1.26926	1.26926	0.651706	1.08625	1.08625	0.460951	1.14644	1.14644	0.40898	1.1662	1.1662	1.90751	1.00141	0.466654	1
cg24159335	KIAA1199	0.187833	0.63531	1.0963	1.0963	0.226589	1.2766	1.2766	0.613914	0.906787	-1.10279	0.2314443	1.27306	1.27306	0.0808319	0.68089	-1.45119	0.2191217	1.2822	1.2822	0.714563	0.931786	-1.07321	0.770883	1.05777	1.05777	0.0383348	1.615519	1.60151	1.90751	1.11769	0.520836	1
cg24543538	GPR35	0.187832	0.731113	0.837143	-1.19454	0.0995675	2.53496	2.53496	0.85164	0.908028	-1.10129	0.894381	1.07085	1.07085	0.0256604	2.551565	3.91904	0.562523	0.739549	-1.35218	0.0735069	0.357635	-2.79614	0.317742	0.587323	-1.70264	0.598384	0.760407	-1.31509	1.9075	8.02226	3.73835	1
cg19451435	SYNJ2	0.187836	0.322334	0.904058	-1.10612	0.638629	1.04777	1.04777	0.540752	1.063	1.063	0.825605	0.978464	-1.02201	0.0644157	0.814666	-1.2275	0.743349	0.968105	-1.03295	0.0106512	0.728479	-1.37272	0.923458	0.990561	-1.00953	0.973491	0.996727	-1.00328	1.90748	0.29405	0.137028	1
cg20058542	RPUSD2	0.187837	0.886001	1.02837	1.02837	0.014487	1.79932	1.79932	0.0935244	1.43285	1.43285	0.491857	1.14583	1.14583	0.193227	0.764545	-1.30797	0.918675	0.980283	-1.02011	0.618334	1.10289	1.10289	0.900763	1.02462	1.02462	0.262435	1.25589	1.25589	1.90748	1.14864	0.535269	1
cg15622917	CASZ1,C4SZ1	0.187837	0.0379501	1.638615	-2.57324	0.272358	0.608177	-1.64423	0.1083853	0.88945	-2.56772	0.165305	0.55918	-1.78833	0.911555	0.808165	-1.23737	0.520689	1.29139	1.29139	0.0870968	0.477218	-2.09548	0.495944	0.912599	-1.11199	0.258458	0.629314	-1.58903	1.90747	4.66072	2.17191	1
cg10780949	SMAD3;SMAD3;SMAD3	0.187837	0.241252	0.632525	-1.58097	0.029983	1.03336	0.204599	1.64842	1.64842	0.692295	0.861985	-1.16011	0.16135	0.572071	1.74803	0.992664	0.501131	-1.99549	0.879221	1.05842	1.05842	0.340199	1.32543	1.23543	0.513907	0.783108	1.2804	1.74707	4.23176	1.96269	1
cg24198584	LHX4	0.187839	0.954284	1.00981	1.00981	0.121774	1.33069	1.33069	0.186873	1.26909	1.26909	0.385481	1.16363	1.16363	0.985974	0.99701	-1.003	0.813138	1.04116	1.04116	0.0200725	0.62016	-1.61249	0.362724	0.852709	-1.17273	0.700404	0.936269	-1.06807	1.90746	0.876425	0.408419	1
cg14184795	ZNF526	0.187844	0.9436747	1.0077	1.0077	0.193405	1.06838	1.06838	0.236143	1.741965	1.741965	-1.34777	0.2489233	1.24878	0.0465441	1.5803	2.07597	0.339916	0.780636	1.28101	0.327566	0.773516	-1.28077	0.946785	1.35654	1.35654	0.912997	0.972857	-1.0279	1.90746	1.99158	0.892487	1
cg25704253	BCYRN1;GUB1	0.187848	0.240198	2.05205	2.05205	0.21224	0.463908	-2.1556	0.246718	0.492597	-2.03006	0.232216	0.480765	-2.08002	0.0859548	0.329818	-3.03197	0.0733969	3.21219	3.21219	0.480737	1.52071	1.52071	0.509431	0.676244	-1.47876	0.750224	0.829823	-1.20508	1.90742	10.3226	4.81051	1
cg15924277	LHB	0.187852	0.485221	0.847425	-1.18005	0.282963	0.770727	-1.29748	0.422805	1.21059	1.21059	0.689191	0.91042	-1.09819	0.0334109	0.5597291	-1.78638	0.968212	1.0094	1.0094	0.0271793	0.545176	-1.84102	0.471887	1.18628	1.18628	0.0780696	0.8068884	-1.23934	1.9074	5.64613	0.767132	1
cg22153481	MIL2;PRKAG1;PRKAG1	0.187853	0.183818	1.38553	1.38553	0.96960	1.00883	1.00883	0.4406988	0.819606	-1.2201	0.381219	0.81449	-1.23085	0.922038	0.2209	-4.52715	0.529753	1.1586	1.1586	0.00911659	0.464822	-2.15136	0.959776	1.01173	1.01173	0.932085	1.01991	1.01991	1.90739	1.6156	0.752909	1
cg14138171	CIR1;SCRN3	0.187854	0.44602	0.639806	-1.56297	0.0637715	0.298361	-3.35165	0.0768861	0.322609	-3.09886	0.422637	0.751793	-1.33015	0.0910243	0.343172	-2.91399	0.611614	0.744983	-1.34231	0.0751772	0.320105	-3.12397	0.229724	0.26376	0.26376	0.298529	0.53821	-1.85801	1.90739	9.59472	4.65312	1
cg12040254	ALX4;IHX3	0.187857	0.612927	1.855923	-1.16384	0.717629	1.11404	1.11404	0.0402229	0.496144	-2.0237	0.703562	0.882522	-1.12042	0.126137	1.61587	1.63587	0.83698	1.12272	1.12272	0.176157	1.37451	1.37451	0.052632	0.519303	1.92566	1.92566	0.0737277	2.67211	1.24528	1
cg03850035	EPHA4	0.187861	0.112016	0.401206	-2.49248	0.310795	0.574965	-1.73924	0.0835504	0.363925	-2.74782	0.394795	0.613307	-1.58402	0.0449977	0.296979	-3.36724	0.290059	0.560177	-1.78515	0.0377932	0.280463	-3.56551	0.717126	1.21169	1.21169	0.160031	0.452842	-2.20828	1.90735	8.41356	3.921	1
cg08705697	PCDH9;PCDH9	0.187865	0.0553266	0.532776	-1.80906	0.807079	1.06897	1.06897	0.589564	0.862066	-1.16	0.724901	0.908177	-1.10111	0.953586	1.29343	1.29343	0.0165546	0.450299	-2.22078	0.0436818	0.805548	-1.24139	0.57264	0.856072	-1.16833	0.471622	1.22092	1.22092	1.90733	2.24468	1.04611	1
cg04827020	THBS1	0.187866	0.0672472	0.3300085	-3.03044	0.0881226	1.226593	-4.41319	0.107988	0.866397	-2.72928	0.649824	0.769761	-1.29911	0.318866	0.3794616	-2.63563	0.938314	1.04531	1.04531	0.486421	1.49897	1.49897	0.357615	0.583803	-1.71879	0.238197	0.402965	-2.02854	1.90732	9.90114	4.61433	1
cg09643587	CD47;CD47;CD47	0.187867	0.951904	1.00978	1.00978	0.314379	1.18269	1.18269	0.640354	1.07884	1.07884	0.7712153	1.04814	1.04814	0.22533	1.22797	1.22797	0.831537	1.03495	1.03495	0.0384108	0.679184	-1.47236	0.0713177	1.38381	1.38381	0.12005	1.31255	1.31255	1.90732	0.785647	0.366144	1
cg00242689	PAX6;PAX6;PAX6	0.187868	0.239379	1.6437	1.6437	0.304203	1.79343	1.79343	0.165648	1.38952	1.38952	0.802407	1.24878	1.24878	0.0465441	1.5803	2.07597	0.339735	2.40556	2.40556	0.0816391	0.559313	1.79303	1.79303	0.56726	1.76498	0.0794784	0.569884	-1.75709	1.90731	24.0401	11.2038	1
cg04367449	DIS3L2	0.18787	0.876995	1.02489	1.02489	0.698444	1.63075	1.06375	0.0469697	0.700873	-1.42679	0.740151	1.05425	1.05425	0.511553	0.899703	-1.11148	0.622199	1.08203	1.08203	0.0164279	1.5927	1.5927	0.991746	0.998359	-1.00164	0.903549	0.980941	-1.01943	1.9073	0.761095	0.354705	1
cg07033093	BEND4;BEND4	0.187875	0.371022	1.614784	1.67148	0.709338	0.547957	1.614784	0.0425827	0.755459	1.33539	0.203734	0.756203	1.34026	0.0310756	0.603714	1.74025	0.342626	2.919538	2.919538	0.0124742	0.324605	3.080358	3.080358	0.0110594	0.898807	0.1113282	0.413248	2.420814	1.90728	94.9791	44.4021	1
cg22985736	TBC1D22A	0.187875	0.847658	1.0495	1.0495	0.80981	1.06244	1.06244	0.174211	0.695515	-1.43778	0.341071	1.27947	1.27947	0.806539	1.06357	1.06357	0.0894836	1.624802	1.60051	0.0327268	1.87317	1.87317	0.493867	1.19069	1.19069	0.313123	0.769448	-1.29963	1.90728	1.90613	0.888352	1
cg21824162	RSD1	0.187878	0.0945508	0.571743	-1.74904	0.0716119	0.542262	-1.84413	0.932267	0.97447	-1.0262	0.309499	0.726181	-1.37707	0.0351974	0.484789	-2.06275	0.20716	0.667178	-1.49885	0.0453447	0.56066	-1.78361	0.662169	0.527917	-1.89424	0.461668	0.796144	-1.25605	1.90725	2.79575	1.30298	1
cg03251105	ZNF671	0.187881	0.514626	1.05991	1.05991	0.920192	1.00885	1.00885	0.0606756	1.20468	1.20468	0.337712	1.09092	1.09092	0.167145	0.878385	-1.13845	0.0652078	1.19994	1.19994	0.477444	0.938379	-1.06567	0.302575	1.0986	1.0986	0.120112	1.16005	1.16005	1.90724	0.23419	0.109146	1
cg00073739	DLX4;DLX4	0.187883	0.628542	1.191763	1.191763	0.29784	1.27315	1.27315	0.0703795	1.27959	1.27959	0.0978254	0.992324	-1.00764	0.0954904	1.24178	1.24178	0.297298	0.781538	-1.27953	0.0156183	0.50852	-1.96649	0.273934	0.84004	-1.19048	0.0972171	0.57193	0.732626	1.90724	1.40798	0.732626	1
cg20632748	PRDM16;PRDM16	0.187888	0.42384	0.839335	-1.19142	0.107326	1.45772	-1.45772	0.435424	1.18604	1.18604	0.344122	0.811433	-1.23239	0.326817	0.804885	-1.24241	0.700591	1.08637	1.08637	0.0199248	1.82661	1.82661	0.618306	0.897893	-1.11372	0.548074	1.1392	1.1392	1.90721	1.38873	0.647242	1
cg10773799	KIAA1530	0.187889	0.70579	0.940717	-1.06302	0.29978	0.841008	-1.18905	0.303797	0.842301	-1.18722	0.606278	0.91964	-1.08738	0.150402	1.28196	1.28196	0.1200666	1.31224	1.31224	0.0546149	1.42093	1.42093	0.304454	0.842511	-1.18693	0.332338	1.17486	1.17486	1.9072	0.784286	0.365532	1
	SNORD115-15;SNORD115-21;HBII-52-SNORD115-35																											
cg06282162	27	0.1879	0.0414439	0.260205	-3.84312	0.0973101	0.352863	-2.83396	0.194939	0.454835	-2.1986	0.224824	0.481962	-2.07485	0.140687	0.362307	-2.76009	0.139558	0.402438	-2.48485	0.0360891	0.247703	-4.0371	0.28743	0.103403	0.433414	-2.30726	0.90715	0.989667	4.61407	1
cg11596612	MTHFD1L	0.187892	0.1862805	0.630545	-1.58594	0.0424284	1.04227	-1.05827	0.199905	0.814178	-1.22814	0.164119	0.685176	-1.45948	0.0425656	0.293807	-3.40404	0.154071	0.683113	-1.46403	0.0196743	0.376143	-2.65788	0.377807	0.860934	-1.16155	0.135541	0.776549	-1.28775	1.90714	5.60888	2.91902	1
cg26220033	SNX24	0.187901	0.335709	1.39669	1.39669	0.190847	1.59388	1.59388	0.279155	0.684757	-1.46037	0.457388	1.29009	1.29009	0.0419037	0.454227	2.20154	0.255124	1.49164	1.49164	0.398475	0.747555	-1.3377	0.273832	0.681642	-1.46705	0.37773	1.3561	1.3561	1.90714	1.42145	1.59468	1
cg01274752	RPL18	0.187902	0.136199	0.474488	-2.10753	0.20075	1.87285	1.87285	0.0726769	0.53398	2.53398	0.731551	1.17339	1.17339	0.101487	0.434941	-2.29916	0.494306	0.724504	-1.38025	0.253459	0.574775	-1.73981	0.978584	1.01254	1.01254	0.361161	1.5463	1.5463	1.90714	0.513207	0.303518	1
cg18965620	QSOX1;QSOX1	0.187905	0.446522	1.2009	1.2009	0.6916	1.18713	1.18713	0.68472	0.881876	1.18876	-1.08842	0.394295	1.2006	1.2006	0.0144275	1.88092	0.513727	1.14884	1.14884	0.112959	0.596643	-1.43545	0.934455	0.829213	-1.20611	0.708057	0.742585	-1.34665	1.90711	1.12607	0.618073	1
cg04643655	SLC24A5	0.187909	0.13385	0.526512	-1.89929	0.103508	0.493387	-2.02681	0.322066	0.6664	-1.5006	0.726796	0.870077	-1.14932	0.084089	0.468449	-2.13471	0.389367	0.704699	-1.41905	0.0180157	0.319785	-3.1271	0.297669	0.655379	-1.53473	0.562339	1.26164	1.26164	1.9071	4.75477	2.21617	1
cg07360201	MTHFD1L;MTHFD1L	0.187911	0.159115	0.611237	-1.63586	0.0156675	1.77199	1.77199	0.177148	0.745097	1.45097	0.330958	1.2958	1.2958	0.247354	1.56076	1.56076	0.937252	1.07421	1.07421	0.753458	0.994207	-1.00602	0.978544	0.994207	-1.00602	0.978544	0.994207	-1.00602	1.90709	0.644984	0.418956	1
cg08806408	SALL1;SALL1	0.187912	0.464882	0.649481	-1.43924	0.263387	1.72823	1.72823	0.944709	0.967976	-1.03308	0.266645	0.580964	-1.72128	0.546297	1.33176	1.33176	0.0212757	1.2728	1.2728	0.0205	0.665455	-1.50255	0.785707	0.94079	-1.06309	0.650533	0.65475	-1.52705	1.90709	0.65033	0.309971	1
cg10694152	SLC15A1	0.187917	0.1742	0.490479	-2.03802	0.103624	2.40403	2.40403	0.220814	0.53029	-1.88576	0.125375	0.441556	-2.26472	0.131736	0.448511	-2.2296	0.19359	0.507672	-1.96978	0.128398	0.444888	-2.24776	0.92409	0.954118	-1.04809	0.637703	1.26334	1.26334	1.90706	7.33555	3.41913	1
cg19250553	FAM129A	0.187922	0.3056866	1.25101	1.25101	0.0156675	1.29346	1.29346	0.0419159	0.744177	-1.34377	0.124177	0.633758	1.58705	0.0178701	0.742432	1.74342	0.346902	1.16892	1.16892	0.23501	0.855743	-1.16804	0.856227	0.903707	0.43521	1.71541	1.71541	0.27713	1.90706	0.593707	0.43521	1
cg02053566	ATP5L; NME2;NME2;NME1-	0.187923	0.943388	1.011051	1.011151	0.256185	0.826139	-1.21045	0.585956	1.09268	1.09268	0.0975126	1.34044	1.34044	0.055988	1.41743	1.41743	0.346902	1.16892	1.16892	0.23501	0.855743	-1.16804	0.856227	0.792314	-1.26213	0.448128	1.13267	1.13267	1.90703	0.784288	0.365565	1
cg01783322	NME2;NME2;NME2	0.187923	0.850204	0.975193	-1.02544	0.0240905	1.42964	1.42964	0.0252505	1.42405	1.42405	0.41766	0.895794	-1.11633	0.630987	1.06641	1.06641	0.80232	1.03389	1.03389	0.908901	0.984907	-1.01532	0.606245	1.07152	1.07152	0.612253	0.934343	-1.07027	1.90703	0.533174	0.248519	1
cg04701201	NOS1;NOS1E1	0.187923	0.193472	1.39758	1.39758	0.499654	1.16887	1.16887	0.32885	1.27315	1.27315	0.0179553	1.27959	1.27959	0.0732054	0.989324	-1.00784	0.0665048	1.12972	1.12972	0.0119962	0.488664	-2.04138	0.717451	1.02058	1.02058	0.862247	0.719202	0.921077	-1.08569	1.9073	1.56611	0.729835	1
cg25221593	PIGY;PIGY	0.187928	0.0819787	0.752174	-1.32948	0.347388	0.866775	-1.1537	0.387822	1.37974	1.37974	-1.27573	0.846304	-1.18161	0.865546	1.02536	1.02536	0.0665473	0.737844	1.3553	0.498676	0.903486	-1.10682	0.160462	1.24803	1.24803	0.0188503	1.07305	0.905529	0.307415	1
cg27072813	SLC12A7	0.18793	0.939537	1.02409	1.02409	0.180647	0.640161	-1.56211	0.929865	1.02801	1.02801	0.592466	0.844058	-1.18475	0.0416603	0.478617	-2.08935	0.0236597	0.428422	2.33415	0.280314	1.42209	1.42209	0.984044	1.00629	1.00629	0.616794	0.853593	-1.17152	1.90699	2.97352	1.38602	1
cg01250280	PAQR4	0.187939	0.104908	0.642357	-1.55671	0.0432707	1.51193	1.51193	0.0407274	0.6870393	-1.45483	0.2708	0.7276	-1.37453	0.0766102	0.429887	-2.32687	0.147459	0.720764	1.38753	0.0178942	0.313268	-3.19201	0.769786	0.56037	-1.78482	0.0463377	0.515176	1.93231	1.90698	1.06038	0.554033	0.264838	0.624793	1
cg07769277	TUBGCP2	0.187939	0.854615	0.962391	-1.03908	0.0121542	1.9217	1.9217	0.0838314	1.49166	1.49166	0.850604	1.04019	1.04019	0.4690551	1.16644	1.16644	0.531848	1.14151	1.14151	0.115767	1.42946	1.42946	0.91543	1.02245	1.02245	0.55049	0.8814	-1.13456	1.90694	1.3192	0.614923	1
cg16182121	PRDM16;PRDM16	0.18794	0.1070866	0.432526	-3.01054	0.0107861	0.614447	-1.64884	0.7154442	0.797725	-1.25357	0.798027	0.851576	-1.17419	0.0556615	0.258932	-3.86209	0.365464	0.534648	-1.87068	0.0263567	0.196403	-5.09111	0.0135617	0.496862	-2.01262	0.0155317	0.535353	-1.86759	0.459427	0.650127	-1.53816	0.98394	1.51955	5.55415	1
cg16187962	EPHX1;EPHX1	0.187954	0.121659	0.740551	-1.35042	0.0705853	1.05853	1.05853	0.644748	0.9439144	-1.05988	0.2716428	0.7585	-1.32828	0.360607	0.6254492	0.303373	2.62828	0.1045603	0.450675	-2.2189	0.5434669	0.27585	-3.62433	0.0743	-1.31813	0.916804	0.4254154	-1.04805	0.20478	0.548285	-2.82387	1.90694	0.09256	0.23995	1
cg00405380	PBX4	0.187946	0.968006	1.01888	1.01888	0.159363	2.03615	2.03615	0.40194	0.949188	1.49188	0.11012	2.25251	2.25251	0.264209	1.76851	1.76851	0.225672	1.81003	1.81003	0.0960592	2.34505	2.34505	0.013919	4.1238	4.1238	0.170445	1.97539	1.97539	1.90691	6.56766	3.06146	1
cg10568133	CASZ1;CASZ1	0.187946	0.159759	0.611237	-1.63586	0.0156675	1.77199	1.77199	0.177148	0.745097	1.45097	0.330958	1.2958	1.2958	0.247354	1.56076	1.56076	0.0719377	0.875147	-1.14267	0.106276	1.89642	1.89642	0.0803288	2.76831	2.76831	0.0108037	1.6364	1.6364	1.90687	1.97655	1.83321	1
cg21254135	CCDC146	0.187947	0.0473616	0.209642	-4.77004	0.221672	0.412885	-2.42198	0.640715	0.723479	-1.38221	0.13137	0.305299	-3.27548	0.043186	0.201529	-4.96207	0.0839843	0.268005	-3.73127	0.137967	0.369334	-2.70758	0.128041	0.322064	-3.10498	0.12911	0.323247	-3.0936	1.9069	14.3225	6.67634	1
cg07735674	ZDHHC7;ZDHHC7	0.187956	0.133151	1.51971	1.51971	0.0156675	1.77199	1.77199	0.177148	0.745097	1.45097	0.330958	1.2958	1.2958	0.247354	1.56076	1.56076	0.215462	1.73543	1.73543	0.15971	0.724435	-1.38078	0.709037	1.84698	1.84698	0.0760299	1.08225	1.08225	1.90689	2.0153	0.939426	1
cg26910205	SMEK1	0.187951	0.532163	1.21251	1.11251	0.943485	0.708187	-1.01202	0.0966864	1.3597	1.3597	0.012396	1.68957	1.68957	0.231274	1.23562	1.23562	0.202808	1.25425	1.25425	0.0888	1.28853	1.28853	0.111998	1.33859	1.33859	0.160689	0.857408	0.399678	1
cg21443133	CAMTA1	0.187955	0.0567573	0.371403	-2.69249	0.604103	0.786416	-1.27159	0.0149222	0.252835	-3.95515	0.191546	0.529884	-1.8872	0.0889859	0.422484	-2.36695	0.338736	0.63575	-1.57295	0.577052	0.771986	-1.29536	0.238954	0.567517	-1.76206	0.191197	0.529587	-1.88826	1.90686	6.37177	2.97022	1
cg01209511	CNGB1	0.187959	0.466593	1.127295	1.127295	0.0432707	1.51193	1.51193	0.0407274	0.6870393	-1.45483	0.2708	0.7276	-1.37453	0.0766102	0.429887	-2.32687	0.147459	0.720764	1.38753	0.0178942	0.313268	-3.19201	0.769786	0.56037	-1.78482	0.0463377	0.515176	1.93231	1.90683	1.06038	0.554033	0.264838	0.624793	1
cg14265380	COX8A	0.187962	0.60162	0.956814	-1.04514	0.272162	0.84517	-1.18319	0.762566	0.974925	-1.02572	0.117607	1.15308	1.15308	0.148018	0.878041	-1.1389	0.134173	1.14496	1.14496	0.245351	1.10721	1.10721	0.916712	0.958729	-1.04305	0.468008	0.94007	-1.06375	1.90682	0.212127	0.098856	1
cg05153946	IDH3A	0.187963	0.655384	0.842402	-1.18705	0.0858545	1.11317	1.11317	0.0826568	0.82978	-1.20529	0.0978	0.967557	-1.03407	0.0815597	0.796757	-1.25537	0.877772	0.745994	1.3553	0.498676	0.903486	-1.10682	0.160462	1.24803	1.24803	0.0188503	1.07305	0.905529	0.307415	1.90675	1.25838	0.562954	1
cg24253145	SNORD115-41	0.187967	0.1143888	0.301281	-3.31917	0.0453281	0.201077	-4.97322	0.142767	0.332696	-3.00575	0.216174	0.402802	-2.48261	0.199745	0.388115	-2.57655	0.5035661	0.622354	1.6068	0.414044	0.558022	-1.79204	0.157768	0.34811	-2.87266	0.02027	0.141505	-7.0669	1.9068	14.7404	6.87152	1
cg09009074	LMCD1	0.187971	0.419087	0.846406	-1.18147	0.329183	1.22597	1.22597	0.347999	1.21589	1.21589	0.623418	1.10595	1.10595	0.218295	0.769531	-1.29949	0.113182	1.41712	1.41712	0.045913	0.628041	-1.59225	0.49326	0.850631	-1.1756	0.269567	0.792472	-1.26187	1.90678	1.236	0.576189	1
cg17403609	FLT4;FLT4	0.187972	0.484055	0.680418	-1.46946	0.346995	0.961961	-1.0403	0.938921	1.03619	-1.04375	0.13383	0.582022	-1.7155	0.0744862	0.603913	-1.65643	0.407084	0.631807	-1.58276	0.132904	0.791683	-1.26307	0.676731	0.491317	-2.03512	0.0210721	0.449137	0.490217	0.0292021	0.947656	0.255324	0.132696	1
cg02676262	INPP5A	0.187974	0.508863	0.685603	-1.45857	0.00753251	0.144159	-6.93678	0.106266	0.370274	-2.7007	0.659895	1.28329	1.28329	0.845697	0.896066	-1.11599	0.265411	0.520122	-1.92263	0.605589	0.74573	-1.34097	0.320011	0.560585	-1.78385	0.940926	1.02463	1.02463	1.90676	9.58021	4.46607	1
cg19451203	CYP1P1;CYP1P1	0.187975	0.606472	1.229553	1.229553	0.207599	1.92095	1.92095	0.146662	0.84796	-1.84796	0.601794	1.23076	1.23076	0.839683	0.722255	-1.38416	0.629764	0.825672	1.2111	0.324369	0.69553	-1.43802	0.0933	0.68158	-1.46703	0.0766	0.672508	-1.48729	1.9067	2.15098	0.938706	0.970626	-1.03079	1.90676	0.40984	0.18956	1
cg02570107	A2LD1	0.187977	0.0798021	0.389844

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105T vs. 047 vs. N) vs. N)	p-value(1073 vs. N)	Fold-Change(1-057 vs. N) vs. N)	Ratio(111T vs. N)	Fold-Change(1-117 vs. N) vs. N)	Ratio(112T vs. N)	Fold-Change(1-12T vs. N) vs. N)	Ratio(121T vs. N)	Fold-Change(1-21T vs. N) vs. N)	p-value(347T vs. N)	Fold-Change(1-347T vs. N) vs. N)	p-value(477 vs. N)	Fold-Change(1-477 vs. N) vs. N)	p-value(537 vs. N)	Fold-Change(1-537T vs. N) vs. N)	p-value(537T vs. N)	Fold-Change(1-537T 37T vs. N) vs. N)	p-value(563 vs. N)	Fold-Change(1-563T vs. N) vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg20353190	SFTBN1	0.188148	0.22556	1.78305	1.73005	0.0161024	2.85703	2.85703	0.0161716	3.55089	3.55089	0.300733	1.587	1.587	0.472008	1.37038	1.37038	0.102216	2.16042	2.16042	0.608003	1.2496	1.2496	0.263453	1.65218	0.755989	1.14369	1.90586	5.59926	2.61148	1
cg12919119	CTDSPL,CTDSPL	0.188154	0.690465	0.877717	-1.13932	0.758291	1.10581	1.10581	0.639387	1.16623	1.16623	0.156067	0.609896	-1.63962	0.0956852	0.550816	-1.81549	0.281602	0.694453	-1.43998	0.036742	0.453543	-2.20486	0.0446539	0.471812	-2.11949	0.23661	0.667597	-1.49791	1.90583	3.20489	1.49478	1
cg22808175	PHOSPHO1;PHOSPHO1	0.18816	0.353753	0.869283	-1.15037	0.0338722	1.43864	1.43864	0.776355	1.0427	1.0427	0.645861	1.0703	1.0703	0.42555	0.887381	-1.12691	0.445091	0.891996	-1.12108	0.0356192	0.698306	-1.43204	0.667463	0.938511	-1.06552	0.9706099	0.994605	-1.00542	1.9058	0.650674	0.303483	1
cg24983605	ZNF385B,ZNF385B	0.188047	0.46891	-1.1526	0.0677266	0.378881	-2.63931	0.35978	0.639841	-1.56289	0.979265	1.02124	1.0124	1.0124	0.0132394	2.231545	-4.28918	0.786096	0.879459	-1.13706	0.5596094	0.755986	-1.32278	0.353739	0.630621	-1.57224	0.1073558	0.434536	-2.3013	1.90577	6.78862	3.16635	1
cg26835417	PO9I	0.188168	0.0907262	3.17993	3.17993	0.36114	1.79092	1.79092	0.762756	1.20675	1.20675	0.141562	0.66769	2.66769	0.841052	1.13275	1.13275	0.236466	2.15983	2.15983	0.0474476	4.08624	0.0325361	4.72674	0.72674	0.0821235	3.50368	0.0047575	11.6306	5.4248	1
cg09122999	POU6F2;POU6F2	0.188175	0.943808	0.0779569	-1.02263	0.0582484	1.97287	1.97287	0.366882	1.34047	1.34047	0.141332	0.605207	1.65233	0.298489	0.710247	-1.40796	0.244601	1.47201	1.47201	0.0547464	1.99715	1.99715	0.680362	1.14056	1.14056	0.733226	1.11474	1.11474	1.90572	3.04229	1.49362	1
cg15772393	SAP30;SAP30	0.188175	0.753867	1.07569	1.07569	0.292425	1.28836	1.28836	0.295298	1.28628	1.28628	0.446057	1.19742	1.19742	0.260571	1.31283	1.31283	0.943636	0.983733	-1.01654	0.0113779	0.479559	-2.08525	0.859414	0.95971	-1.04198	0.7921142	1.06318	1.06318	1.90572	1.62308	0.757475	1
cg25538376	ZNF521;ZNF531	0.188176	0.631828	0.879236	-1.14295	0.0796696	1.71437	1.71437	0.0975344	1.22289	1.22289	0.0186029	0.454937	2.19811	0.323388	0.754142	-1.32601	0.671426	1.125	1.125	0.538922	1.18735	1.18735	0.767931	1.30247	1.08127	0.776477	1.08174	1.08174	1.90572	2.29986	1.07273	1
cg00182202	SRL	0.188176	0.741093	0.798736	-1.25198	0.732001	1.26237	1.26237	0.120317	1.59169	1.59169	0.0139	2.21	2.21	0.0023506	2.230466	-4.33904	0.471832	0.608944	-1.64219	0.178832	0.370852	-2.6326	0.0259325	0.290353	3.10377	2.10377	0.90571	1.83643	0.46077	1
cg19034890	ACOX3;ACOX3	0.188178	0.917711	0.975062	-1.02558	0.209468	1.38161	1.38161	0.570056	1.15058	1.15058	0.350567	1.26464	1.26464	0.0178166	0.494643	-2.02166	0.98008	1.00612	1.00612	0.237028	1.35355	1.35355	0.542537	0.86016	-1.16257	0.273934	0.757144	-1.32075	1.9057	1.80234	0.840674	1
cg08376490	DHDH	0.188178	0.556996	1.26317	1.26317	0.0988211	1.07184	1.07184	0.903644	1.06889	1.06889	0.237788	0.634847	-1.62642	0.0443449	0.405154	-2.46873	0.475352	1.05165	1.05165	0.693933	1.45157	1.45157	0.423257	1.19405	1.19405	0.2182753	1.96547	1.96547	1.90557	4.66889	2.37774	1
cg06697694	MMP25	0.188179	0.851899	1.06274	1.06274	0.771481	1.09818	1.09818	0.91895	0.9674O5	-1.03369	0.506258	1.24554	1.24554	0.0243822	2.39499	2.39499	0.188859	1.57337	1.57337	0.0662342	0.513308	-1.95577	0.381474	1.33943	1.33943	0.303388	1.41491	1.41491	1.9057	3.19925	1.49224	1
cg26475593	TRIM31	0.188181	0.281546	1.63963	1.32463	0.14412	0.674241	-1.48315	0.153767	0.684418	-1.46117	0.380252	1.25369	1.25369	0.191125	1.41334	1.41334	0.597744	1.14212	1.14212	0.0748137	1.64621	1.64621	0.699177	0.873268	-1.14251	0.262717	0.745278	-1.34178	1.90569	1.90453	0.888344	1
cg04656424	FAM38A	0.188183	0.115652	0.527692	-1.89505	0.127199	0.539808	-1.85251	0.113225	0.677138	-1.4768	0.530036	0.788381	-1.26842	0.0374848	2.233131	-2.46529	0.0505274	0.43475	-2.30018	0.045035	0.557117	-1.79496	0.0561401	0.445511	-2.24461	0.3674007	0.707456	-1.41351	1.90568	4.21671	1.96685	1
cg05241134	MYOM2	0.188185	0.130694	0.625616	-1.59842	0.460691	1.24089	1.24089	0.227821	0.69504	-1.43877	0.0440788	0.514387	-1.94406	0.999351	1.00023	1.00023	0.495575	1.22	1.22	0.896361	0.0632442	-1.01816	0.0740962	1.77177	1.77177	0.864737	1.05022	1.05022	1.90567	2.49242	1.16258	1
cg26585845	C17orf96	0.188187	0.0975655	1.263651	-1.82189	0.1358422	0.107515	-2.12839	0.175284	0.353931	-2.82541	0.759289	0.808377	-1.23735	0.586474	0.682311	-1.4656	0.23884	2.12948	2.12948	0.0864411	3.83669	3.83669	0.2908	1.43769	1.43769	0.29084	1.41561	1.41561	1.9057	2.96211	1.56213	1
cg08137085	C7orf50;C7orf50;C7orf50	0.188189	0.488902	0.692069	-1.44494	0.726154	1.20213	1.20213	0.0447084	0.299244	-3.34176	0.987863	0.992068	-1.008	0.0255719	0.24938	-4.00995	0.155463	0.451233	-2.21615	0.530901	1.3942	1.3942	0.491643	1.44149	1.44149	0.974238	1.01705	1.01705	1.90565	8.27235	3.85863	1
cg28441373	SPRYD5	0.188191	0.535966	0.909231	-1.11107	0.326467	0.843457	-1.1856	0.414796	0.869286	-1.15037	0.309544	0.888015	-1.1931	0.977876	1.00462	1.00462	0.973242	0.994379	-1.00565	0.00965312	1.73395	1.73395	0.464138	1.13471	1.13471	0.956702	1.00917	1.00917	1.90564	0.852328	0.39757	1
cg18587018	MED7;MED7	0.188193	0.0497568	0.739604	-1.35207	0.040909	1.35379	1.35379	0.321618	1.14798	1.14798	0.584895	1.07674	1.07674	0.967284	1.00554	1.00554	0.160859	1.22868	1.22868	0.494305	1.05468	1.05468	0.17488	1.21467	1.21467	0.95842	1.00705	1.00705	1.90563	0.548221	0.25372	1
cg04221355	RB;HBS;BRE;BRE;BRE;BRE;LOC10030 2650	0.188193	0.0815533	0.569853	-1.75484	0.0312485	0.478903	-2.08811	0.574711	1.17958	1.17958	0.297817	0.730219	-1.36945	0.389061	1.29323	1.29323	0.110655	0.602668	-1.65929	0.229317	0.692475	-1.4441	0.988043	1.00437	1.00437	0.784445	1.08315	1.08315	1.90562	2.56131	1.19474	1
cg01660034	MSRA;MSRA;MSRA	0.188194	0.489952	0.866	-1.15473	0.414433	0.842697	-1.18667	0.0874476	0.670049	-1.47265	0.499622	0.868951	-1.15105	0.0245241	0.847241	-1.1803	0.0897906	1.46764	1.46764	0.0475694	1.59181	1.59181	0.807129	0.95106	-1.05146	0.950487	0.987341	-1.01282	1.90562	1.27019	0.592489	1
cg04353438	SAFB2	0.188195	0.892511	1.08905	1.08905	0.583853	1.32524	1.32524	0.175303	1.16709	1.16709	0.364006	1.35709	1.35709	0.148195	1.77875	1.77875	0.214972	1.60946	1.60946	0.149377	0.626995	-1.59529	0.0947262	0.885691	-1.12908	0.0866504	1.19009	1.19009	0.896606	1.08358	1.08358	0.956562	1.01503	1.01503	1.90559	1.44822	0.676183	1
cg19244408	MXI1;MXI1	0.188199	0.277698	0.679048	-1.47265	0.513905	0.796938	-1.2548	0.560276	1.22377	1.22377	0.27173	1.48038	1.48038	0.686428	0.87009	-1.14931	0.822884	0.0799	0.0799	0.389209	0.738923	-1.35332	0.0113674	0.96391	0.96391	0.631822	1.8474	1.8474	1.18002	1.9056	3.54822	1.65511	1
cg27417659	TIRAP	0.18982	0.800546	1.31099	1.31099	0.452071	2.26927	2.26927	0.663194	0.625803	-1.59795	0.308186	0.323613	-3.09011	0.0692813	0.113742	-8.7918	0.0930195	0.0652113	-15.3348	0.0821578	0.124675	-7.84559	0.994332	1.00763	1.00763	0.168589	0.208215	4.80227	0.955919	34.5299	16.68	1
cg12120741	PDXDC1;PDXDC1	0.18983	0.784884	1.12911	1.12911	0.345652	0.662361	1.50975	0.324956	0.914493	1.09359	0.905852	0.914493	1.09359	0.905852	0.914493	-1.09359	0.824608	1.21255	1.21255	0.49732	0.22055	-4.53526	0.0731	0.83439	-1.19849	0.204405	0.758402	0.0828	1.90558	5.13469	2.48846	1
cg04935041	CAMKK1;CAMKK1	0.188204	0.113623	0.718364	-1.39205	0.880063	1.45231	1.45231	0.668163	0.920477	-1.08639	0.505728	1.13855	1.13855	0.777669	0.94706	-1.0559	0.0238423	1.67893	1.67893	0.884918	1.02822	1.02822	0.603986	1.10577	1.10577	0.498524	1.14113	1.14113	1.90557	1.11429	0.51978	1
cg27310827	SAL-SDF4	0.188207	0.610748	0.879939	-1.14266	0.722642	0.843475	-1.1856	0.414796	0.869286	-1.15037	0.309544	0.53693	1.86241	0.0255719	0.24938	-4.00995	0.693882	1.1371	1.1371	0.858481	1.16494	1.16494	0.384849	1.13194	1.13194	0.464555	1.08312	1.08312	1.90556	1.24611	0.582	1
cg12513686	DIP2C;C10orf108	0.188209	0.0216482	0.280366	-3.56676	0.0699333	0.392755	-2.54612	0.155723	0.49634	-2.01475	0.957745	0.998351	1.00165	0.0255719	0.24938	-4.00995	0.405167	0.702113	-1.42427	0.115543	0.545299	-2.20119	0.148735	0.489559	-2.04265	0.961594	1.02246	1.02246	1.90554	4.5189	2.99426	1
cg03473809	LRAT	0.188217	0.746981	1.15088	1.15088	0.608181	1.25167	1.25167	0.174718	0.534373	-1.87135	0.196716	1.80855	1.80855	0.432154	0.706091	-1.41625	0.103368	2.16698	2.16698	0.146116	1.96843	1.96843	0.0494577	2.64642	2.64642	0.252666	1.67982	1.67982	1.90551	5.68731	2.65304	1
cg18161415	RNASE7;RNASE7	0.188218	0.120982	0.478846	-2.08811	0.289697	0.38997	-2.56412	0.0911	0.368852	-2.71026	0.212326	0.37347	-2.79093	0.0549723	0.368852	-2.71026	0.145597	0.500306	-1.99977	0.275822	0.604792	-1.65346	0.112823	0.807744	-1.23842	0.1605	0.918545	-1.08859	1.90551	0.934845	0.27021	1
cg06640662	C10orf96	0.188218	0.37844	0.616171	-1.62292	0.179986	0.462559	-2.16189	0.0957175	0.375093	-2.66601	0.982912	0.988589	-1.01154	0.141447	0.428565	-2.33337	0.119233	0.840129	-2.47446	0.11193	0.395514	-2.52836	0.104737	2.58604	0.872172	0.826476	-1.20996	1.9055	8.66559	4.04238	1
cg26646074	PAS4	0.188225	0.691361	1.18705	1.03809	0.0438353	1.32524	1.32524	0.175303	1.16709	1.16709	0.364006	1.35709	1.35709	0.148195	1.77875	1.77875	0.214972	1.60946	1.60946	0.149377	0.626995	-1.59529	0.0947262	0.885691	-1.12908	0.0866504	1.19009	1.19009	0.896606	1.08358	1.08358	0.956562	1.01503	1.01503	1.90559	1.44822	0.676183	1
cg04852271	SPANXD;SPANXE	0.188221	0.0869776	2.87721	2.87721	0.234977	0.498575	-2.00572	0.115244	0.383856	-2.60514	0.306965	1.80641	1.80641	0.0942988	0.357569	-2.79666	0.239619	1.502328	-1.99073	0.690949	1.25036	1.25036	0.739156	1.20544	1.20544	0.405841	0.621578	1.60881	1.90548	0.434458	0.44014	1
cg13437337	SPEG	0.188222	0.11297	21.6585	21.6585	0.109685	22.394	22.394	0.777149	1.68194	1.68194	0.728656	1.8605	1.8605	0.415684	0.226938	-4.40649	0.503442	3.35504	3.35504	0.338074	0.538159	5.81539	0.0342842	81.6544	81.6544	0.0450332	60.3562	60.3562	1.90548	95.9083	44.7404	1
cg13736263	PI2D7	0.188223	0.0356582	0.751553	-1.33091	0.208378	1.9581	1.9581	0.360786	1.08071	1.08071	0.241789	0.414573	2.26391	0.0709704	0.440557	-2.27018	0.448813	1.6752	1.6752	0.373102	0.596594	-1.67702	0.7626	0.870359	-1.14909	0.19547	0.43426	-2.30251	1.90547	0.554298	0.258577	1
cg13755535	LMAN2;LMAN2	0.188224	0.584736	0.927938	-1.07766	0.182865	1.21114	1.21114	0.39019	1.12674	1.12674	0.354524	0.87912	-1.1375	0.246133	1.17867	1.17867	0.559531	0.923141	-1.08326	0.274935	0.85732	-1.16643	0.174877	0.822376	-1.21599	0.0433294	1.3702	1.3702	1.90547	0.554298	0.258577	1
cg25595821	POP4;POP4	0.188225	0.77	1.06325	1.06325	0.772642	0.843475	-1.40594	0.624766	0.80585	-1.97687	0.7	0.80585	1.24033	0.0255719	0.24938	-4.00995	0.582008	2.17235	2.17235	0.0183983	0.0141069	-70.8871	7	0.0220913	45.2766	0.0699097	0.538975	-1.85537	2.32269	36.0513	15.1213	1
cg03428399	LMX1A;LMX1A;LMX1A	0.188225	0.0447571	0.123474	-8.09886	0.0375743	0.111871	-8.93887	0.133503	0.230054	-4.34681	0.634498	0.654982	-1.52676	0.258879	0.341179	-2.91393	0.919859	0.912679	-1.09558	0.151182	0.247456	-4.04113	0.323087	2.52612	0.252637	0.828437	0.818468	-1.22158	1.90546	24.8769	11.605	1
cg26950624	SSSH	0.188228	0.206811	0.420845	-2.37617	0.0857593	0.290994	-3.4365	0.0845733	0.289347	-3.45606	0.419866	0.585222	-1.70875	0.0537328	0.240778	-4.1532	0.662916	0.256626	-3.89672	0.0496497	0.233218	-4.28783	0.693586	0.773047	-1.29358	0.238972	0.448571	-2.2293	1.90544	12.7528	5.9492	1
cg07805959	KIAA0664	0.188229	0.50266	1.38515	1.38515	0.3626	1.13418	1.13418	0.7189	1.13624	1.13624	0.311532	1.13418	1.13418	0.7189	1.13624	1.13624	0.443742	1.16991	1.16991	0.465894	0.855403	-1.16875	0.7	0.976522	0.0244864	1.5508	1.90543	1.2188	0.558372	1
cg19942731	C22orf9;C22orf9	0.188231	0.16551	0.465265	-2.14931	0.278119	0.557992	-1.79214	0.0461445	0.306671	-3.26083	0.758185	0.852362	-1.17321	0.0288043	0.263498	-3.7951	0.889166	0.7498	0.7498	0.717674	0.828753	-1.20663	0.0557762	0.325926	-3.06839	0.981171	0.987866	-1.01228	1.90543	0.07567	3.76732	1
cg14534337	SVEP1	0.188233	0.0249202	0.0	0.0	0.0	0.431492	1.73744	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.913264	0.96241	1.03801	0.842056	1.42157	1.42157	0.0	0.822886	1.07548	1.07548	0.660869	0.842218	1.18754	1.90542	0.0	0.0	1
cg06218473	C1orf163 SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL C12A6	0.188233	0.470616	1.14614	1.14614	0.129847	1.3554	1.3554	0.702911	1.07381	1.07381	0.514131	1.13084	1.13084	0.0378462	0.639203	-1.56445	0.261803	1.24293	1.24293	0.0914147	0.707888	-1.41265	0.763374	1.05772	1.05772	0.963412	0.991511	-1.00856	1.90543	0.103402	0.48625	1
cg03466432	C12A6	0.188234	0.315889	0.81124	-1.23268	0.787117	1.10512	1.10512	0.015274	1.82375	1.82375	0.222376	0.970257	-1.03076	0.729524	0.600893	-1.66423	0.268716	0.79264	-1.26161	0.637832	0.908781	-1.10038	0.343081	1.21779	1.21779	0.802313	0.950653	-1.05191	1.90542	1.228212	0.572928	1
cg06873684	HDGF2;HDGF2	0.188239	0.460281	0.93408	-1.07057	0.207441	1.12816	1.12816	0.521025	1.06078	1.06078	0.458366	1.07434	1.07434	0.0184734	1.29591	1.29591	0.638093	0.957934	-1.04391	0.258555	0.898587	-1.11286	0.7604	1.02813	1.02813	0.236835	0.893664	-1.11899	1.90539	0.248306	0.115838	1
cg24184344	MED23;MED23	0.188241	0.0248472	0.0	0.0	0.0	0.504004	1.98416	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.16961	0.855	1.16961	0.0896571	1.11549	0.690122	1.1611	0.861	1.16961	0.0896571	1.11549	0.690122	1.90539	1.27647	0.36636	0.215155	1
cg24766486	WNK1	0.188252	0.337633	0.756629	-1.32165	0.749816	1.09046	1.09046	0.0999427	1.66294	1.66294	0.0395659	0.510901	-1.95732	0.173123	0.664338	-1.50526	0.161049	0.655515	-1.52552	0.483205	1.22267	1.22267	0.761013	1.08988	1.08988	0.560545	0.847012	-1.18062	1.90532	2.40185	1.12053	1
cg20564151	TANI#	0.188256	0.218769	0.16253	-6.15309	?	?	?	?	?	?	?	?	?	?	?	?	0.220198	0.465566	-6.13375	?	?	?	?	?	?	?	0.18941	0.28452	7.03452	2.02643	21.0927	10.128	1
cg12513124	CACNA1I;CACNA1I	0.188261	0.209774	0.473113	-1.78827	0.145902	0.104139	-9.60254	0.315502	0.222294	-4.49855	0.560232	0.425952	-2.34768	0.112195	0.08161019	-12.2546	0.715924	1.68815	1.68815	0.10868	0.0792488	-12.6185	0.0132382	0.0116939	-85.5144	0.571058	0.436277	-2.29212	1.90528	0.63485	29.5347	1
cg26034919	KRTCAP3;KRTCAP3	0.188263	0.658092	1.2445	1.2445	0.103392	2.39844	2.39844	0.307811	1.67768	1.67768	0.107917	2.36672	2.36672	0.869191	1.08431	1.08431	0.613832	0.778882	-1.28389	0.912821	0.947635	-1.05526	0.0125113	0.59875	0.59875	0.267721	1.763	1.763	1.90526	7.27819	3.39559	1
cg18495759	EIF2S3;EIF5MN4	0.188267	0.597965	1.15455	1.15455	0.623878	1.57581	1.57581	0.138483	1.28104	1.28104	0.145597	1.63597	1.63597	0.0114443	1.12452	1.12452	0.0997251	1.68255	1.68255	0.0155166	1.48344	1.48344	0.207507	0.632736	-1.58044	0.0155166	1.20296	1.20296	0.526127	0.863168	-1.15852	1.90526	0.41564	0.237242	1
cg18491160	RAMP1	0.188266	0.710433	1.25422	1.25422	0.0141803	0.28441	0.28441	0.0422052	0.4142	0.4142	0.998896	0.99916	-1.00084	0.971043	0.978194	-1.02229	0.487935	1.53419	1.53419	0.161559	2.47033	2.47033	0.949078	0.96195	-1.03955	0.737664	0.815315	-1.22652	1.90525	11.1321	5.19363	1
cg17591915	CHIT1	0.188273	0.40259	0.826344	-1.21015	0.454855	0.844113	-1.18468	0.0340051	0.672483	-1.4868	0.0972183	0.871943	-1.14686	0.127768	1.44202	1.44202	0.785382	1.06267	1.06267	0.122096	1.45227	1.45227	0.215324	1.27905	1.27905	0.0892572	1.11867	1.11867	1.90521	1.49619	0.698059	1
cg04900486	RFX5;RFX5	0.188275	0.186499	1.1947	1.1947	0.598446	1.30962	1.30962	0.0534026	1.32144	1.32144	0.865804	1.0213	1.0213	0.691111	0.951528	-1.05094	0.31013	1.85106	1.14272	0.8107	0.969978	-1.03095	0.976526	1.28431	1.28431	0.401105	1.15136	1.15136	1.9052	1.48603	0.227169	1
cg23824902	SLC25A33	0.188278	0.175301	0.5872	-1.703	0.327644	0.688507	-1.45242	0.542044	1.25606	1.25606	0.95323	1.02095	1.02095	0.0249827	0.373358	-2.6784	0.127576	0.544131	-1.83779	0.14196	0.558113	-1.79175	0.851501	1.07167	1.07167	0.0886401	0.499694	-2.00122	1.90519	4.11669	1.92069	1
cg30368895	MGMT	0.188279	0.313077	0.76054	-1.31504	0.66054	0.501011	-1.99601	0.142525	0.287934	-3.47318	0.0978984	0.970384	-1.03076	0.729524	0.722135	-1.38478	0.0196997	1.30979	1.30979	0.0207338	1.51811	1.51811	0.0270132	1.15856	1.15856	0.238103	1.43998	1.43998	1.90518	2.8261	1.22571	1
cg24704635	ZNF787	0.188281	0.642983	1.0761	1.0761	0.297107	0.843798	-1.18512	0.23519	0.822436	-1.2159	0.595091	1.01288	1.01288	0.877179	0.975993	1.0246	0.713863	0.763176	-1.31031	0.264532	1.20047	1.20047	0.110214	0.7607	-1.31458	0.0276	0.664127	-1.50574	1.90517	0.744887	0.347539	1
cg26357932	ZNRF2	0.188283	0.0864208	0.541818	-1.84548	0.0276183	0.621163	1.60975	0.0844128	0.314223	3.18347	0.0749217	0.31523	3.17243	0.0749217	0.31523	3.17243	0.0810853	1.23349	1.23349	0.0224146	0.446454	2.23949	0.0110973	-9.36157	2.02785	0.442454	0.0110973	-9.36157	1.90515	0.0	0.0	1
cg02538562	RFX7	0.188286	0.220501	0.733146	-1.36398	0.0802381	0.62647	-1.59625	0.0739353	0.6188	-1.61603	0.749831	1.08014	1.08014	0.129649	0.737985	1.48371	0.400592	0.812742	-1.2304	0.608172	0.882839	-1.13271	0.0840903	0.630917	-1.58499	0.0348783	0.552923	-1.80857	1.90515	1.7522	0.817529	1
cg01543953	LOC73097	0.188292	0.526907	1.18711	1.18711	0.560761	1.17042	1.17042	0.289512	0.745181	-1.34196	0.855472	1.04999	1.04999	0.592594	1.08815	1.08815	0.113862	0.763176	-1.31031	0.264532	1.31222	1.31222	0.183942	1.2495	1.2495	0.197624	0.694657	-1.43956	1.90511	2.1596	1.00763	1
cg21110063	SMARCD3;SMARCD3	0.188293	0.622969	1.12041	1.12041	0.398214	2.6071	2.6071	0.13732	1.13525	1.13525	0.0211	2.37425	2.37425	0.0211	2.37425	2.37425	0.881631	1.10867	1.10867	0.499959	1.00097	-1.58454	0.423341	1.35868	1.35868	0.126541	1.85801	1.85801	1.90511	4.49021	1.97784	1
cg20746742	HNRNPA1L2;HNRNPA1L2	0.188296	0.16315	0.740699	-1.35008	0.480248	1.15569	1.15569	0.157428	1.35644	1.35644	0.0873349	0.679805	-1.47101	0.119336	1.40616	1.40616	0.47654	1.15716	1.15716	0.808441	0.952201	-1.0502	0.662957	0.915365	-1.09246	0.146122	1.3697	1.36974	1.9051	1.22692	0.572463	1
cg14120075	TFDP1;TFDP1	0.188297	0.358648	0.816442	-1.22501	0.454923	0.784055	-1.2753	0.0969	0.304104	-3.28837	0.980703	1.00386	1.00386	0.0248	0.248	-4.03161	0.478

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. 117 vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. 12T vs. N)	Fold-Change(121T vs. 12T vs. N)	p-value(121T vs. 21T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg08636201	ATP11A;ATP11A	0.188467	0.402211	0.863797	-1.15768	0.658034	0.927056	-1.07868	0.203162	0.795802	-1.25939	0.556324	0.10547	1.100547	0.538445	1.11171	1.11171	1.11171	0.367626	1.17065	1.17065	0.015099	1.65207	1.65207	0.542984	0.908601	-1.11937	0.314478	0.837895	-1.19347	1.00421	0.871864	0.406088	1
cg18905039	DYNC1H1	0.18847	0.615068	0.782232	-1.27839	0.186414	1.97094	1.97094	0.398628	0.657962	-1.51984	0.294797	0.590774	-1.69269	0.721564	0.840855	-1.18927		0.033427	0.300022	-3.33308	0.0875569	0.399977	-2.50014	0.462566	0.696117	-1.43654	0.0748397	0.38246	-2.61465	1.90419	7.07646	3.30333	1
cg21000562	USH1G	0.188472	0.108235	0.554596	-1.80311	0.0778563	0.517256	-1.93328	0.278267	0.684347	-1.46125	0.69628	0.876365	-1.14108	0.627633	1.17874	1.17874		0.640262	1.17157	1.17157	0.119564	1.76514	1.76514	0.3067	0.700463	-1.42763	0.182941	1.6087	1.6087	1.90418	3.41332	1.59337	1
cg10964559	PTDSS2	0.188476	0.534354	0.924948	-1.08114	0.0767872	1.27634	1.27634	0.332106	0.883138	-1.13207	0.181838	1.19207	1.19207	0.555606	1.0767	1.0767		0.127112	1.22607	1.22607	0.0302883	1.37127	1.37127	0.865469	1.02124	1.02124	0.364386	1.12249	1.12249	1.90416	0.463513	0.216375	1
cg21024388	TBL1XR1	0.18848	0.383074	0.809674	-1.23506	0.700415	0.912786	-1.09555	0.853647	0.95735	-1.04455	0.081286	1.57797	1.57797	0.201464	1.37493	1.37493		0.0392697	1.75587	1.75587	0.0700038	1.61331	1.61331	0.758881	0.929907	-1.07538	0.988138	0.996497	-1.00352	1.90414	1.68014	0.784319	1
cg07157872	TSLP;TSLP /// LOC728661;CDK11B;CDK11B;CDK11B;C	0.188624	0.188447	0.807239	-1.23879	0.623017	0.915867	-1.09186	0.093938	0.721315	-1.38636	0.881967	0.709002	-1.40864	0.516612	0.889904	-1.12372		0.128272	0.747052	-1.3386	0.193079	0.725401	-1.38785	0.123461	1.34441	1.34441	0.817876	0.959912	-1.04176	1.90413	0.948793	0.442916	1
cg09372505	DK11B;CDK11B;CDK11B	0.188482	0.987232	0.993301	-1.00674	0.999255	1.00039	1.00039	0.4023	0.697641	-1.4334	0.510816	0.755657	-1.32335	0.010658	0.259593	-3.85218		0.533916	0.767480	-1.30295	0.309374	0.6428181	-1.55565	0.409437	0.701616	-1.42528	0.0348182	0.355838	-2.81035	1.90413	5.32111	2.48401	1
cg02156870	SRCIN1	0.188483	0.696899	1.25675	1.25675	0.0977975	2.88773	2.88773	0.785748	3.12922	3.12922	0.232832	0.318728	-2.07595	0.345626	1.76311	1.76311		0.187441	2.26266	2.26266	0.188564	2.25544	2.25544	0.165563	2.39354	2.39354	0.269587	0.511394	-1.95544	1.90413	10.2794	4.79867	1
cg18593654	UBXN6;UBXN6	0.188483	0.801114	0.954538	-1.04763	0.894577	0.975857	-1.02474	0.535656	0.890813	-1.12257	0.647366	1.0886	1.0886	0.0184784	0.590541	-1.69336		0.103212	0.719969	-1.38805	0.201555	1.28223	1.28223	0.211038	0.784345	-1.27495	0.68843	1.07713	1.07713	1.90412	1.02468	0.478344	1
cg26429440	C2orf94;MKKS	0.188484	0.743452	1.08001	1.08001	0.0814592	2.02815	2.02815	0.324577	0.779399	-1.26939	0.631408	0.868002	-1.15151	0.681578	1.39448	1.39448	1.39448	0.455572	1.83577	1.83577	0.119509	1.76842	1.76842	1.30137	0.559151	1.1568	1.1568	0.457659	1.19404	1.19404	1.90412	1.65807	0.774026	1
cg17373904	MAD1L1;MAD1L1;MAD1L1	0.188485	0.701284	1.12638	1.12638	0.0975655	1.75297	1.75297	0.0218888	2.3379	2.3379	0.276348	1.41853	1.41853	0.139733	0.610162	-1.63891		0.306098	1.38706	1.38706	0.459313	1.26193	1.26193	0.952106	0.974033	-1.02666	0.922381	0.970356	-1.03055	1.90411	2.87516	1.3422	1
cg17180443	ATP4A	0.188487	0.485141	0.80927	-1.15373	0.115701	0.761385	-1.3134	0.668348	0.893604	-1.00635	0.663406	1.07231	1.07231	0.0255815	0.555157	-1.56315		0.148927	0.780222	-1.28169	0.127167	0.768741	-1.30083	0.903111	1.15835	1.15835	0.659789	1.07318	1.07318	1.9041	0.766517	0.357832	1
cg26020914	CDK5	0.188489	0.235668	0.217192	-4.60422	0.428032	2.70254	2.70254	0.560053	2.06042	2.06042	0.0284369	23.9836	23.9836	0.176563	5.84241	5.84241		0.106609	0.114774	-8.71274	0.877789	1.20812	1.20812	0.998851	0.998233	-1.00177	0.592688	0.515067	-1.94349	1.9041	45.5256	21.2527	1
cg04746089	BOP1	0.188492	0.133318	2.28748	2.28748	0.498552	0.703194	-1.42058	0.878376	0.924735	-1.08139	0.249779	1.8489	1.8489	0.499402	0.584234	-1.71164		0.823693	1.32078	1.32078	0.302642	0.249073	0.0251422	3.89969	3.89969	0.792954	0.874228	-1.14387	1.90408	7.87376	3.67575	1
cg05404586	KATNB1	0.188493	0.0128827	0.675626	-1.62007	0.0866337	0.241601	1.44181	1.44181	0.502743	1.4053	1.4053	0.250768	1.79254	0.0211221	0.890903	-1.12282	0.490502	0.240692	0.788567	-1.26812	0.0942044	0.208872	0.717347	1.39395	0.0395512	-1.04183	1.90406	1.08127	1.90408	1.27116	0.526197	1
cg04031561	GPR133	0.188493	0.810782	0.944343	-1.05894	0.443139	1.20525	1.20525	0.0221728	1.92464	1.92464	0.46934	0.838822	-1.19215	0.701246	0.912074	-1.0964		0.603124	0.88229	-1.13341	0.0620491	1.65138	1.65138	0.389996	0.81033	-1.23407	0.524385	0.857247	-1.16652	1.90407	1.71904	0.802507	1
cg05001344	ACSF2;ACSF3;ACSF3	0.188493	0.797684	1.13722	1.11572	0.716102	0.794424	1.25377	0.953229	1.03519	1.03519	0.420658	1.6631	1.6631	0.0166802	0.158582	-6.30588		0.248946	0.106532	-9.38453	0.0118273	0.865094	-1.15606	0.992098	0.575526	-1.73754	0.0306065	0.30815	-3.24517	1.90407	10.9733	5.58955	1
cg02655630	SLC12A5;SLC12A5	0.188497	0.383375	0.710514	-1.40796	0.0994984	1.00241	1.00241	0.0214657	1.33157	1.33157	0.773318	1.16474	1.16474	0.350821	0.6927	-1.44363		0.724747	1.44473	1.44473	0.0578447	0.440449	-2.27041	0.0231474	0.24201	-4.13167	0.0198512	0.104638	0.40846	-2.45005	1.90406	4.40846	2.05805	1
cg02282237	PRKCH	0.188514	0.898786	1.02458	1.02458	0.959021	0.990455	-1.00964	0.956324	0.989602	-1.01051	0.194274	0.769454	-1.29962	0.509365	0.880084	-1.13625		0.236494	1.26708	1.26708	0.0456595	0.645775	-1.54853	0.0454304	1.54945	1.54945	0.76415	1.05911	1.05911	1.90397	1.09825	0.512731	1
cg02757331	ANKMY1;ANKMY1	0.188516	0.799145	1.07096	1.07096	0.228908	0.648438	-1.4602	0.136992	0.638575	-1.56562	0.233588	0.756097	-1.32259	0.206312	0.670569	-1.49125		0.579657	0.845552	-1.18266	0.275919	1.40475	1.40475	0.181016	0.532009	-1.8801	0.0159014	0.428869	-2.33171	1.90395	2.71138	1.26585	1
cg08830055	GRK6;GRK6;GRK6	0.188517	0.921916	1.0223	1.0223	0.748035	1.07519	1.07519	0.247608	1.31244	1.31244	0.0136044	0.503258	1.98705	0.0473945	0.805066	-1.24213		0.243946	0.76018	-1.31548	0.27397	1.29181	1.29181	0.8854	1.03297	1.03297	0.765919	1.06946	1.06946	1.90395	1.52553	0.71222	1
cg13040418	TRPS1	0.188526	0.152702	0.59418	-1.68242	0.0399767	0.449288	-2.22574	0.353974	0.732483	-1.36578	0.212796	0.614203	-1.62783	0.0822463	0.544333	-1.83765		0.490804	1.06785	1.06785	0.612982	0.613137	0.613137	0.0414943	0.822344	1.07924	1.07924	1.9039	0.974224	1.08348	1.07924	1.2355	1
cg20192362	C15orf42 RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAI N;RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RP	0.188528	0.520206	0.868785	-1.15103	0.221222	0.757684	-1.31981	0.190691	0.741545	-1.34853	0.019212	0.542647	-1.84282	0.888279	0.970123	1.0308		0.76104	1.06804	1.06804	0.115641	0.691379	-1.44638	0.0446566	0.608075	-1.64453	0.523938	0.869907	-1.14955	1.90389	1.40415	0.655571	1
cg03929495	AIN;RPAIN;NUP88;RPA	0.188531	0.0255825	2.00475	2.00475	0.932227	1.02255	1.02255	0.969725	0.990097	-1.01	0.297585	1.32731	1.32731	0.251948	1.36865	1.36865		0.60265	0.871338	-1.14766	0.1869	0.6929818	-1.44317	0.952455	0.984486	-1.01576	0.0732101	1.68858	1.68858	1.90388	2.0733	0.967991	1
cg23585270	TOMM34	0.188535	0.354564	1.24516	1.24516	0.270885	0.922504	-1.08401	0.353435	0.847436	1.17981	0.0374497	1.2781	1.2781	0.0731602	0.880494	-1.08249		0.474073	1.18206	1.18206	0.448041	1.36896	1.36896	0.0204997	0.0407792	1.68785	1.68785	1.5981	0.746134	1
cg15933130	HNRNPA0	0.188536	0.107605	0.862893	-1.15889	0.88335	0.987746	-1.01241	0.910698	1.00947	1.00947	0.199792	1.12271	1.12271	0.116066	0.866383	1.15422		0.0823054	0.850754	-1.17543	0.563829	1.05022	1.05022	0.645966	0.840021	-1.19045	0.731981	0.96956	-1.0314	1.90385	1.212643	0.0992808	1
cg07038853	KIAA1310;KIAA1310	0.188543	0.183465	0.751531	-1.33062	0.0508722	0.6375	-1.56863	0.423497	0.717993	-1.37993	0.877416	0.969242	-1.03173	0.561101	0.887856	-1.12631		0.104334	0.698118	-1.43242	0.0372186	0.612938	-1.63149	0.208948	0.764853	-1.30744	0.791675	1.05504	1.05504	1.90382	1.23519	0.57671	1
cg04856605	IGBP1	0.188543	0.146514	1.49966	1.49966	0.0815281	0.5484	-1.82332	0.0882581	0.7	1.42857	0.0135773	0.72675	0.72675	0.0255779	0.630662	-1.58564		0.0548277	0.730646	-1.36902	0.0324106	0.714	0.714	0.115501	0.929201	0.952143	0.952143	1.05026	0.98381	0.98284	0.98284	1.90382	4.28723	1
cg18164983	SLC25A20;SLC25A20	0.188549	0.290809	0.691338	-1.44647	0.0135119	0.35721	-2.79947	0.792439	1.09286	1.09286	0.716984	0.884635	-1.13041	0.2186	0.646803	-1.54607		0.210972	1.55861	1.55861	0.371643	1.36189	1.36189	0.83424	1.07311	1.07311	0.795079	0.916089	-1.0916	1.90378	3.41867	1.5962	1
cg15086474	C7orf50;C7orf50;C7orf50	0.188553	0.627705	1.14253	1.14253	0.499767	0.449288	-2.22574	0.353974	0.732483	-1.36578	0.212796	0.614203	-1.62783	0.0822463	0.544333	-1.83765		0.101319	0.627	1.59504	0.0799768	0.892098	1.12048	0.564009	1.14224	1.64241	1.10035	1.08007	0.663709	1.90378	1.34542	0.551389	1
cg21201206	IPO11;IPO11	0.188553	0.424555	1.20021	1.20021	0.187584	0.731595	-1.36688	0.716132	0.921526	-1.08516	0.752138	1.07348	1.07348	0.0939596	0.662244	-1.51002		0.0199204	0.533229	-1.87537	0.689344	0.914003	-1.09409	0.738176	0.927675	-1.07796	0.260154	1.30062	1.30062	1.90376	1.50995	0.705014	1
cg07352600	C16orf70	0.188554	0.709316	0.927665	-1.07798	0.0225786	1.72907	1.72907	0.280146	1.25247	1.25247	0.499277	1.14743	1.14743	0.0953293	0.956797	-1.04515		0.424542	1.17766	1.17766	0.999724	1.00007	1.00007	0.112307	1.41435	1.41435	0.0369954	1.6253	1.6253	1.90376	1.21229	0.566032	1
cg10577511	CLASP1;CLASP1;CLASP1	0.188556	0.586363	1.27516	1.27516	0.0997967	0.449288	-2.22574	0.353974	0.732483	-1.36578	0.212796	0.614203	-1.62783	0.0822463	0.544333	-1.83765		0.732043	1.16471	1.16471	0.948509	1.02606	1.02606	0.825644	1.34562	1.34562	0.24819	1.70832	1.70832	1.90375	5.9332	2.7703	1
cg26094139	CCDC7;CCDC7	0.188557	0.52166	0.848885	-1.17802	0.057308	0.581343	-1.72016	0.135052	0.6660958	-1.50137	0.909972	0.971871	-1.02894	0.71028	1.0987	1.0987		0.0871677	1.610311	1.610311	0.477655	0.833508	-1.19975	0.837713	0.940583	-1.05309	0.128751	1.51303	1.51303	1.90374	1.91845	0.895758	1
cg23239690	MAST1	0.188558	0.156812	1.60356	1.60356	0.0433353	0.53353	-1.87444	0.155521	0.689088	-1.44446	0.242402	0.532002	-1.53372	0.207693	0.760127	-1.31559		0.405552	0.606217	-1.64957	0.0997065	0.364412	0.364412	0.0128677	0.520097	-1.92307	0.0374574	0.411411	0.411411	1.90374	0.437047	1		
cg22498996	AGTR1;AGTR1;AGTR1;AGTR1	0.188559	0.29488	0.913528	-1.09466	0.14435	0.677863	-1.13945	0.0231346	0.79283	-1.25907	0.858431	0.81498	1.01498	0.252063	0.90519	-1.10474		0.658426	0.03773	1.03773	0.560211	0.50526	1.00526	0.876176	1.0976	0.442767	1.06732	1.06732	1.90373	0.208778	0.0975761	1		
cg09590123	STX2;STX2	0.188563	0.0590963	0.608253	-1.64405	0.447144	1.19811	1.19811	0.388668	0.81413	-1.2283	0.799687	1.06111	1.06111	0.463373	1.1902	1.1902		0.0286046	0.547474	-1.82657	0.713069	1.08998	1.08998	0.37317	1.23771	1.23771	0.333072	0.792022	-1.26228	1.90371	1.6407	0.766082	1
cg08187947	GULP1	0.188563	0.945018	1.01656	1.01656	0.0193764	1.53535	-1.43934	0.155521	0.689088	-1.44446	0.242402	0.532002	-1.53372	0.207693	0.760127	-1.31559		0.405552	0.606217	-1.64957	0.0997065	0.364412	0.364412	0.0128677	0.520097	-1.92307	0.0374574	0.411411	0.411411	1.90371	0.437047	1		
cg22498996	AGTR1;AGTR1;AGTR1;AGTR1	0.188559	0.29488	0.913528	-1.09466	0.14435	0.677863	-1.13945	0.0231346	0.79283	-1.25907	0.858431	0.81498	1.01498	0.252063	0.90519	1.10474		0.658426	0.03773	1.03773	0.560211	0.50526	1.00526	0.876176	1.0976	0.442767	1.06732	1.06732	1.90373	0.208778	0.0975761	1		
cg09590123	STX2;STX2	0.188563	0.0590963	0.608253	-1.64405	0.447144	1.19811	1.19811	0.388668	0.81413	-1.2283	0.799687	1.06111	1.06111	0.463373	1.1902	1.1902		0.0286046	0.547474	-1.82657	0.713069	1.08998	1.08998	0.37317	1.23771	1.23771	0.333072	0.792022	-1.26228	0.190371	1.6407	0.766082	1
cg08187947	GULP1	0.188563	0.945018	1.01656	1.01656	0.0193764	1.53535	-1.43934	0.155521	0.689088	-1.44446	0.242402	0.532002	-1.53372	0.207693	0.760127	-1.31559		0.405552	0.606217	-1.64957	0.0997065	0.364412	0.364412	0.0128677	0.520097	-1.92307	0.0374574	0.411411	0.411411	1.90371	0.437047	1		
cg17880701	ZNF57;ZNF57	0.188569	0.169757	0.664797	-1.50422	0.0893146	1.68709	1.68709	0.114944	1.63168	1.63168	0.758483	0.917506	-1.08991	0.348059	0.763605	-1.30958		0.258426	0.68659	-1.45633	0.276527	0.729085	-1.37158	0.314688	1.33676	1.33676	0.413724	1.26271	1.26271	1.90368	2.349604	1.09712	1
cg16580912	BANP;BANP	0.188572	0.920157	0.941607	-1.06211	0.0997967	0.449288	-2.22574	0.353974	0.732483	-1.36578	0.212796	0.614203	-1.62783	0.0822463	0.544333	-1.83765		0.490804	1.06785	1.06785	0.612982	0.613137	0.613137	0.0414943	0.822344	1.07924	1.07924	1.9039	0.974224	1.08348	1.07924	1.2355	1
cg19906545	DLEU7	0.188575	0.595504	0.646344	-1.54756	0.903033	0.488208	-2.04831	0.440466	1.89797	1.89797	0.979785	1.02085	1.02085	0.0829526	0.209349	-4.77671		0.352839	0.458987	-2.17871	0.0414704	0.147321	-6.7879	0.0271747	0.118874	-8.41227	0.496009	0.569477	-1.756	1.90365	20.0031	9.34025	1
cg10596090	YPEL5;FAM113A;VPS16	0.188576	0.313404	0.68579	-1.46472	0.137504	0.794401	-1.25881	0.127878	0.669162	-1.51278	0.278318	0.504554	1.98206	0.0167085	0.309257	-3.23259		0.376078	0.70912	-1.4106	0.0115546	0.808833	-1.23655	0.0139729	0.811332	1.23132	0.906054	0.969095	1.03151	1.90365	0.964995	1.24253	1
cg12444861	PLAG1;PLAGL1	0.188577	0.450639	0.73227	-1.74452	0.62963	0.707438	1.70738	0.160314	0.572552	-1.74515	0.605541	0.613369	-1.63034	0.150418	0.479512	-2.08553		0.146002	0.464852	-2.15192	0.0695707	0.350679	0.350679	0.0064604	0.968507	1.03252	1.98803	1.00033	0.163677	1.90365	0.284559	1		
cg18841691	TRIM26	0.188578	0.0359706	0.469761	-2.12874	0.8126	1.07632	1.07632	0.193724	1.53091	1.53091	0.43763	1.28507	1.28507	0.847333	0.942057	-1.06151		0.41191	0.771191	-1.2967	0.931742	1.02689	1.02689	0.162237	1.58741	1.58741	0.0995959	1.74884	1.74884	1.90364	2.89148	1.35015	1
cg10089365	RELB	0.188579	0.31755	1.27715	1.27715	0.556972	1.18151	1.18151	0.0241367	1.51368	1.51368	0.617007	1.1268	1.1268	0.117607	0.773537	-1.47708		0.711409	1.19177	1.19177	0.0107077	1.14973	1.14973	0.682335	0.970753	-1.03094	0.5836	1.00603	0.976032	1.90364	0.990647	0.789232	1
cg11459537	ARPP-21	0.188583	0.924832	0.946715	-1.05628	0.0187551	0.22031	-5.22031	0.0416363	0.90731	0.90731	0.761024	1.19363	1.19363	0.401652	0.607698	-1.64555		0.749453	1.30432	1.30432	0.70243	1.24946	1.24946	0.16625	2.35503	2.35503	0.903054	0.931736	-1.07327	1.90358	10.1506	4.73989	1
cg10881441	PDGFA;PDGFA	0.188593	0.0898536	1.49137	1.87731	0.610283	0.644105	-1.18005	0.852307	0.939412	-1.06449	0.542828	1.66988	1.66988	0.0968602	0.0994535	-2.10057		0.539404	0.6114	-1.21283	0.0966616	1.84868	1.84868	0.0245755	2.43787	2.43787	0.634883	2.29179	2.29179	1.90356	3.42128	1.59761	1
cg01545575	PSMB6	0.188593	0.347642	1.22911	1.22911	0.263705	1.3245	1.3245	0.0442993	1.58159	1.58159	0.788315	0.944206	1.05909	0.243227	1.29754	1.29754		0.388047	1.20771	1.20771	0.476931	1.52728	1.52728	1.89652	0.682021	1.09157	1.09157	0.924157	1.02051	1.02051	1.90356	1.37204	0.40469	1
cg20498685	TWIST1	0.188594	0.536966	1.59506	1.59506	0.00611988	1.46479	1.46479	0.922066	0.929524	-1.07582	0.565436	1.54334	1.54334	0.57783	0.657112	-1.52181		0.45618	0.567344	-1.7626	0.649173	0.710314	-1.40703	0.424704	1.83257	1.83257	0.804547	1.20343	1.20343	1.90355	16.8159	7.85242	1
cg13525197	ZSCAN23;ZSCAN23	0.188595	0.0102051	0.381021	-2.62435	0.0177907	0.144663	-3.14663	0.0241394	0.52952	-1.88952	0.0230883	0.52952	-1.88952	0.0230883	0.537	-1.86207		0.0396643	0.862864	-1.15893	0.0830828	0.545172	-1.83428	0.0180874	0.782284	-1.27844	0.0427908	0.83811	1.14745	1.00276	0.655425	1.90357	1.14745	1.00276	0.655425	1.90357	0.660617	1
cg02010852	CRB2	0.1886	0.100371	0.53463	-1.87045	0.81839	1.0833	1.0833	0.259165	0.663969	-1.50609	0.15141	0.585818	-1.70701	0.0584295	0.475274	-2.10405		0.823011	0.925026	-1.08105	0.419939	0.750767	-1.33197	0.084019	1.94464	1.94464	0.810347	1.08723	1.08723	1.90352	3.64841	1.7037	1
cg02634368	HCG27	0.188597	0.661972	1.72764	1.72764	0.0131272	45.7291	45.7291	0.197535	5.4356	5.4356	0.209259	5.38036	5.38036	0.0898398	0.982356	-1.01792		0.932518	1.111	1.111	0.383284	1.32175	1.32175	0.0379	0.0902219	10.1814	10.1814	0.576468	2.01643	2.01643	1.90351	46.568	21.746	1
cg05107039	IMMT;JMMT;IMMT	0.188602	0.137777	2.36012	-4.23707	0.131585	2.228806	-4.37052	0.9951	0.994918	-1.00511	0.645285	0.678689	-1.47343	0.161662	2.626273	3.80702		0.335438	2.34709	2.34709	0.30492	2.93268	2.93268	0.0516235	0.117527	-8.50867	0.57342	21.72	4.22005	1		
cg04105716	AATK	0.188603	0.120623	2.4943	2.4943	0.888909	1.07884	1.07884	0.289066	0.550176	-1.8176	0.151315	2.30442	2.30442	0.0979417	2.67971	2.67971		0.207336	2.05845	2.05845	0.0412135	3.56557	3.56557	0.14667	2.32985	2.32985	0.342486	1.70066	1.70066	1.90351	8.88732	4.15015	1
cg05023600	CRTC3;CRTC3	0.188609	0.0840222	1.622858	1.622858	0.0774401	1.78745	1.78745	0.0822357	1.84945	1.84945	0.0822357	1.78745	1.78745	0.0606345	1.50405	1.50405		0.0920644	1.40362	1.40362	0.0395935	1.50221	1.50221	0.0995669	1.49373	1.49373	0.0991937	1.50221	1.50221	1.9912	0.565299	0.633544	-1.57842	0.161007	0.308626	1.90347	18.588	8.68063	1
cg24528602	SPTBN1;SPTBN1	0.188613	0.228345	1.59117	1.59117	0.0618585	2.16515	2.16515	0.125588	1.83506	1.83506	0.181364	1.68412	1.68412	0.0241208	0.635786	-1.57286		0.348015	1.4261	1.4261	0.246421	1.56093	1.56093	0.044563	2.33347	2.33347	0.577423	1.22969	1.22969	1.90345	4.06826	1.89983	1
cg12086390	PAX6;PAX6;PAX6	0.188615	0.147338	1.98654	1.98654	0.0476655	2.67979	2.67979	0.138359	?	?	?	2.67979	2.67979	0.134143	0.351984	-2.84104	0.858202	1.20501	1.20501	0.99146	4.99146	0.993025	2.66293	2.66293	0.0967894	4.68722	4.68722	1.90339	2.98273	1.13257	1		
cg07198194	PFKP	0.188616	0.231191	0.340581	-2.93616	0.0465246	7.06553	7.06553	0.0958256	4.80091	4.80091	0.86605	0.865206	-1.15579	0.158586	0.274588	3.64183		0.305258	2.4855	2.4855	0.277918	2.6318	2.6318	0.415275	2.04243	2.04243	0.874508	1.14517	1.14517	1.90344	22.1736	10.3549	1
cg21057228	PPIC	0.188619	0.0352322	0.19047	-5.25016	0.989995	0.991758	-1.00831	0.932022	0.945246	-1.05793	0.611445	0.712792	-1.40293	0.561465

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg05135775	SLC16A10	0.188819	0.243306	0.76229	-1.34007	1.00956335	0.14156	1.54156	0.316304	1.28197	1.28197	0.752009	0.926278	-1.07959	0.366631	0.800616	-1.24904	0.244833	0.747001	-1.33869	0.174814	0.145343	1.45343	0.903862	1.02939	1.02939	0.0670790	0.611347	-1.63573	1.90239	1.72203	0.807027	1
cg15903282	EPHB1	0.188819	0.944565	0.97524	-1.02539	0.995444	1.00206	1.00206	0.058194	0.462152	-2.16376	0.494735	1.284	1.284	0.016967	0.350022	-2.85696	0.152308	0.575323	-1.73816	0.070314	1.166059	1.16059	0.824968	1.08313	1.08313	0.107841	0.873506	-1.44588	1.90239	3.916551	1.82998	1
cg06272863	HIST1H2BJ;HIST1H2AG	0.188822	0.112758	1.39579	1.39579	0.04345339	1.56605	1.56605	0.0727692	1.47204	1.47204	0.0281278	1.65017	1.65017	0.662478	1.08854	1.08854	0.164888	1.33134	1.33134	0.549677	1.12403	1.12403	0.817336	1.0457	1.0457	0.272456	1.24687	1.24687	1.90237	1.12416	0.525269	1
cg04821554	GUCY1B2	0.188823	0.24827	0.71725	-1.40307	0.501892	1.21074	1.21074	0.393286	0.782416	-1.27809	0.633182	1.873594	1.873594	-1.14443	0.139872	0.640314	-1.56159	0.06644457	1.78166	-1.78166	0.346066	1.31224	1.31224	0.147945	1.54577	1.54577	0.248886	0.713123	-1.40228	1.90237	2.37207	1.10836	1
cg04145949	ZNF845	0.188827	0.407028	1.2538	1.2538	0.190669	1.44705	1.44705	0.578242	1.16156	1.16156	0.510164	0.836823	-1.195	0.0155806	0.453473	-2.2052	0.328523	0.764193	-1.30857	0.787724	0.930558	-1.07462	0.581765	1.15992	1.15992	0.356115	1.28803	1.28803	1.90235	2.14249	1.0011	1
cg23122409	TMEM132E	0.188828	0.130682	3.54174	3.54174	0.8727247	1.13486	1.13486	0.656528	0.702394	-1.42237	0.216793	1.7891	1.7891	0.371354	2.06359	2.06359	0.302005	2.32553	2.32553	0.171273	1.15281	1.15281	0.0171018	0.914949	0.91449	0.068368	1.50168	1.50168	0.01268	1.90234	168.78	8.76958	1
cg06859106	LAP3	0.188831	0.0241684	0.325473	-3.07245	0.963178	0.980907	-1.01946	0.978954	0.980045	-1.01108	0.462389	0.731696	-1.36669	0.462829	0.731929	-1.36625	0.178349	0.550394	-1.81688	0.0590054	0.4105144	-2.43597	0.208229	1.74025	1.74025	0.889921	1.05953	1.05953	1.90233	5.25339	2.45472	1
cg10808367	INPP5A	0.188832	0.0946197	0.54883	-1.82206	0.748851	1.113	1.113	0.463704	1.26306	1.26306	0.818912	0.927847	-1.07776	0.220709	0.656754	-1.52264	0.245663	0.67265	-1.48666	0.0249768	0.41849	-2.38954	0.171595	0.621705	-1.60848	0.426485	1.30365	1.30365	1.90232	3.21307	1.50136	1
cg18333690	PADI4;PADI4	0.188832	0.525943	0.82444	-1.2122	0.133716	1.6231	1.6231	0.0320387	0.471352	-2.12156	0.0956865	0.578084	1.72985	0.794982	0.304897	-1.1051	0.350092	1.33378	1.33378	0.585616	0.848015	-1.17922	0.223401	0.681765	-1.46678	0.638057	0.867719	-1.15245	1.90232	2.70164	1.26238	1
cg01680029	PIM1;PIM1	0.188833	0.219324	0.822031	-1.2165	0.0552741	0.722241	-1.38458	0.624774	1.07661	1.07661	0.149495	0.793387	-1.26042	0.526344	1.10092	1.10092	0.0700516	1.35435	1.35435	0.854684	1.02784	1.02784	0.519898	0.906929	-1.10262	0.456486	1.12028	1.12028	1.90232	0.675724	0.315743	1
cg06351970	GTF3C6	0.188835	0.0465457	0.795035	-1.25735	0.0944837	1.00031	1.00031	0.0605258	0.810538	1.23358	0.505507	0.588597	1.69897	0.0178205	0.424801	-2.35371	0.0399965	0.748435	-1.33602	0.421229	0.84726	-1.18026	0.355232	1.12898	1.12898	0.230764	1.16587	1.16587	1.9023	0.448884	0.209797	1
cg17224287	SYTL4;SYTL4	0.188841	0.107642	0.181949	0.6905424	0.0636635	-15.7167	0.484047	0.501468	-1.99415	0.198441	3.79375	0.464186	0.485273	-2.0607	0.111962	0.18641	-5.36453	0.496361	0.155511	-1.95482	0.818874	0.800426	-1.24933	0.878516	0.862045	-1.16003	1.90228	28.3779	13.2603	1
cg12843156	SUTR44	0.188844	0.129594	0.329132	-4.36045	0.867776	1.1616	1.1616	0.54497	1.72437	1.72437	0.0979287	0.523985	1.91525	0.51525	0.0477351	7.65425	0.263642	0.341558	2.92776	0.0298287	0.528982	-1.08233	0.189488	0.82957	-1.20546	0.0784997	1.2608	1.2608	1.90226	24.3507	11.3786	1
cg26470924	KLHL32	0.188844	0.779841	0.875083	-1.14275	0.819035	0.896798	-1.11508	0.0280087	0.290538	-3.44189	0.928751	1.04351	1.04351	0.349261	0.632021	-1.58223	0.0278437	0.290028	-3.44795	0.922963	1.04714	1.04714	0.246745	1.78025	1.78025	0.970582	0.982593	-1.01771	1.90226	6.8313	3.19213	1
cg17491031	CENPJ	0.188845	0.999818	1.00007	1.00007	0.851915	1.0555	1.0555	0.0243634	0.640275	-2.17167	0.237876	0.699522	-1.42955	0.0447283	0.513757	-1.94644	0.969405	0.988976	-1.01115	0.52145	1.20662	1.20662	0.112953	0.607335	-1.6455	0.752228	0.912523	-1.09586	1.90225	2.51686	1.17609	1
cg09503608	C6orf26	0.188846	0.0631944	1.86247	-2.75392	0.672315	1.62358	1.62358	0.0174064	0.574337	-1.74055	0.460584	1.49247	1.49247	0.402337	1.65947	1.65947	0.237281	2.67381	2.67381	0.264036	1.42006	1.42006	0.0117218	0.770202	0.867402	-1.15287	0.737583	1.1774	1.1774	0.211378	0.52758	-1.89545	1.90224	1.70586	1.32046	1
cg02867079	HHIP1;HHIP1	0.188848	0.599446	1.22228	1.22228	0.103365	0.509305	-1.96346	0.396688	0.718798	-1.39121	0.407962	0.725734	-1.37791	0.0196084	0.343695	-2.90956	0.960617	0.10888	-1.01888	0.432914	0.738523	-1.35405	0.274566	0.650139	-1.53813	0.196053	1.67834	1.67834	1.90224	4.32164	2.01944	1
cg21582570	PPM1J	0.188849	0.132644	0.719307	-1.39023	0.0558654	0.637697	-1.56814	0.411262	0.844159	-1.18602	0.248314	1.277568	1.277568	0.676987	0.918451	-1.08839	0.0880177	0.682311	-1.46561	0.579536	0.892581	-1.12035	0.449208	1.16951	1.16951	0.283556	1.25385	1.25385	1.90224	1.2421	0.580415	1
cg11519236	STON1;STON1-GTF2A1L	0.188849	0.984205	1.01607	-1.66049	0.623535	-1.60376	0.101357	0.545017	-1.98548	0.338753	0.700857	-1.42683	0.448313	0.788555	-1.26814	0.734021	0.801297	-1.12196	0.0280765	2.38002	2.38002	0.440915	0.30366	1.30366	1.30366	0.414122	0.754505	-1.32537	1.90223	3.34308	1.60283	1
cg13812249	FAM189A2;FAM189A2	0.188849	0.780958	0.970868	-1.03001	0.848458	1.0205	1.0205	0.879667	1.0162	1.0162	0.53011	1.06978	1.06978	0.660438	0.954196	-1.048	0.00884966	1.42391	1.42391	0.244158	0.878773	-1.13795	0.414625	1.09247	1.09247	0.395693	0.911876	-1.09664	1.90223	0.338875	0.158352	1
cg07628233	KIFC1;KIFC1	0.188885	7	7	7	7	1.92342	1.92342	0.0640854	4.41654	4.41654	0.1984449	1.74082	1.74082	7	0.07788	1.11	0.108093	2.46589	2.46589	0.0290599	8.74102	8.74102	0.493642	1.55336	1.55336	0.26745	2.12898	2.12898	1.90223	5.57604	10.7781	2.39085	1
cg07582157	MMP2;MMP2	0.188851	0.220853	0.559441	-1.7859	0.382012	0.676566	-1.49778	0.958429	0.976787	-1.02377	0.0435301	0.290084	-3.34355	0.104509	0.22456	2.22456	0.40065	1.4735	1.4735	0.28943	0.609563	-1.64052	0.821662	1.10708	1.10708	0.725312	1.17229	1.17229	1.90222	6.11671	2.85827	1
cg16200968	DST;DST;DST;DST	0.188853	0.4036442	1.75262	-1.35742	0.0585485	1.822481	1.82481	0.0183853	0.602693	1.65963	0.106572	0.0373521	2.68155	0.0210463	0.306762	3.26113	0.715327	1.39796	1.39796	0.0196604	0.715327	1.39796	0.0196604	0.964542	1.03677	0.0215012	0.964542	1.03677	0.0215012	0.404122	2.47238	0.0402223	1
cg05788526	MTMR2;MTMR2;MTMR2;MTMR2	0.188854	0.424248	1.15044	1.15044	0.151434	1.30206	1.30206	0.119745	1.33627	1.33627	0.184335	1.27356	1.27356	0.29434	0.829632	1.20535	0.334955	1.843031	1.1862	0.157727	1.29615	1.29615	0.129466	0.754794	-1.32487	0.900963	0.978848	1.02161	1.90221	1.8884	0.415144	1
cg22559218	NR2C2;NR2C2	0.188858	0.0611882	0.699873	-1.42883	0.205544	0.797788	-1.25347	0.232234	1.23605	1.23605	0.0331724	0.656247	-1.52382	0.844675	1.03374	1.03374	0.957302	0.990984	-1.0091	0.431504	0.879302	-1.14546	0.355475	1.17443	1.17443	0.896312	0.978186	-1.0222	1.90219	0.862041	0.402831	1
cg06764804	FNDC1	0.188865	0.642287	1.19558	1.19558	0.472281	1.2502	1.2502	0.0164376	0.967684	1.03334	0.654643	1.12288	1.12288	0.564185	1.24362	1.24362	0.857131	1.50641	1.50641	0.0168853	0.815968	1.28064	1.28064	0.0481353	0.501647	-1.99343	0.395596	1.3048	1.3048	0.16217	0.13239	1
cg02339078	LOC100129716;AR8DC3	0.188866	0.321469	1.39931	1.39931	0.248021	1.48483	1.48483	0.875989	1.05256	1.05256	0.148098	0.629918	-1.58751	0.0371739	0.45225	-2.21117	0.202366	0.643077	-1.55502	0.27349	1.45324	1.45324	0.649474	0.860635	-1.16193	0.364766	1.35727	1.35727	1.90215	3.24124	1.51466	1
cg16115816	TMEM167B	0.188867	0.253803	0.778124	-1.28021	0.378621	0.635993	-1.57248	0.0160653	0.331888	1.32898	0.207969	0.758934	-1.31776	0.0423722	0.544004	-1.83655	0.184468	0.746039	-1.3398	0.517196	0.74192	-1.34823	0.16202	0.474421	0.175273	1.34823	0.74192	0.474421	0.175273	1.34823	0.74192	0.474421	0.175273	1.34823
cg11185291	PHPT1;PHPT1	0.188867	0.250973	0.680146	-1.47027	0.584436	0.837378	-1.1942	0.215681	1.52004	1.52004	0.75125	1.12013	1.12013	0.183063	0.592024	-1.68912	0.312264	0.741693	-1.3492	0.276389	0.681408	0.638287	0.436089	0.428705	0.408475	1.25613	1.25613	1.90213	3.11087	1.45375	1
cg15481791	SNRPE	0.188870	0.252054	0.515231	-1.94088	0.0866119	0.350278	-2.85488	0.224284	2.02894	2.02894	0.833874	1.12425	1.12425	0.554438	0.298353	-3.35173	0.223823	0.492486	-2.03051	0.128949	0.402788	-2.4827	0.140421	0.415209	-2.40842	0.999331	0.999536	-1.00046	1.90213	9.25372	4.32439	1
cg21636400	QPCT;SNRPD2;SNRPD2;QPCTL	0.188876	0.0290197	0.52382	-1.90885	0.0481258	1.16586	1.16586	0.0253899	0.440358	1.14038	0.150308	0.851749	1.17455	0.0170533	0.297655	-3.35998	0.0248464	0.704804	-1.41896	0.0249102	0.354284	2.82191	0.0248464	0.704804	-1.41896	0.0249102	0.354284	2.82191	0.0248464	0.704804	-1.41896	0.0249102	0.354284	2.82191	1
cg07516182	DIRC2;HSPBAP1	0.188878	0.176281	0.771372	-1.29639	0.558024	1.11289	1.11289	0.215097	1.26568	1.26568	0.116603	0.735025	1.3605	0.205315	0.785628	1.27287	0.229751	0.796497	-1.2555	0.299268	0.823457	-1.21439	0.396528	1.16972	1.16972	0.141497	1.33038	1.33038	1.90209	0.982097	0.458057	1
cg14502651	PRH2;PRH2;PRH4;PRH1	0.188879	0.0852317	0.7139	-1.40053	0.32545	0.822481	1.21583	0.0126852	0.609603	1.64066	0.0977144	0.90407	1.10647	0.0222777	0.482025	2.07453	0.0178525	0.563243	1.7751	0.0139902	0.585502	-1.70771	0.354854	1.19029	1.19029	0.368383	1.844431	1.18423	1.90207	1.00905	0.471559	1
cg22791936	SLC35D3;SLC35D3	0.188881	0.29098	0.818276	-1.22208	0.0620838	0.680827	-1.4688	0.663758	0.923065	-1.08335	0.221993	0.79064	-1.2648	0.319291	0.828311	1.20728	0.316307	0.827282	1.20878	0.0166346	0.585559	-1.70777	0.354854	1.19029	1.19029	0.368383	1.844431	1.18423	1.90207	1.00905	0.471559	1
cg24186398	TOLLIP	0.188886	0.122729	2.48205	2.48205	0.0850706	2.81514	2.81514	0.0942353	3.31676	3.31676	0.161956	1.25392	2.23237	0.212637	0.269018	3.71871	0.496274	1.45574	1.45574	0.675134	1.25751	1.25751	0.151114	2.30778	2.30778	0.736016	0.831988	1.20194	1.90204	8.90152	4.15998	1
cg17117871	PRRG4	0.188887	0.882181	1.04985	1.04985	0.852545	1.12423	1.12423	0.0152626	0.889953	1.12383	0.628288	0.64818	-1.54281	0.0312605	0.446418	-2.24041	0.603521	1.24686	1.24686	0.0479433	0.753313	1.28064	1.28064	0.0481353	0.501647	-1.99343	0.395596	1.3048	1.3048	0.16217	0.13239	1
cg16590552	USP31	0.188887	0.872475	0.968807	-1.03433	0.188872	0.746935	-1.3388	0.141179	0.717106	-1.39449	0.00816577	0.490972	-2.03678	0.954057	0.987966	-1.01218	0.568951	0.886058	-1.12859	0.675143	1.09261	1.09261	0.204877	0.754954	-1.32458	0.855694	0.962469	-1.03899	1.90204	1.33019	0.621646	1
cg25033138	CTNNBIP1;CTNNBIP1	0.188887	0.353557	0.839127	-1.19151	0.19376	1.3296	1.13266	0.114362	1.37032	1.37032	0.267874	0.992764	-1.00729	0.444428	1.15393	1.15393	0.0220502	0.607789	-1.6562	0.0157433	0.444407	2.25096	0.444407	0.444407	0.444407	0.444407	2.25096	0.444407	0.444407	0.444407	0.444407	2.25096	0.444407	0.444407	2.25096	1
cg08054513	ATP12A	0.188889	0.436329	0.797414	-1.25405	0.839535	1.0595	1.0595	0.732179	0.906713	-1.10289	0.843309	0.945145	-1.05804	0.0434527	0.337543	-2.96259	0.469908	0.810929	-1.23315	0.887856	1.04104	1.04104	0.45459	0.804819	-1.24251	0.830712	1.06293	1.06293	1.90202	2.44806	1.14407	1
cg22880634	LRBA	0.188894	0.262408	1.20895	1.20895	0.594929	1.10615	1.10615	0.6824	1.06909	1.06909	0.596217	1.09071	1.09071	0.821793	0.96403	-1.03731	0.765543	0.952598	-1.04976	0.00575589	1.80114	1.80114	0.70685	0.940493	-1.06327	0.634774	0.925238	-1.0808	1.902	0.794288	0.371206	1
cg18852994	MTMR9;MTMR9	0.188896	0.0979369	0.627455	-1.59393	0.0877582	0.774455	1.29182	0.0600823	0.331888	1.32898	0.140487	0.599764	-1.66764	0.0392304	0.444004	-2.25244	0.0220502	0.607789	-1.6562	0.0157433	0.444407	2.25096	0.444407	0.444407	0.444407	0.444407	2.25096	0.444407	0.444407	0.444407	0.444407	2.25096	0.444407	0.444407	2.25096	1
cg14370628	RPL39L	0.188897	0.148999	7.19359	7.19359	0.799844	0.723295	-1.38256	0.0640568	14.203	14.203	0.385999	0.320232	-3.10528	0.464076	0.386691	-2.58605	0.454899	0.378903	-2.6392	0.997375	0.995815	-1.0042	0.0982586	10.096	10.096	0.082328	11.6327	11.6327	1.90198	48.97	22.8861	1
cg17499173	PALM;PALM	0.188897	0.9900888	1.00255	1.00255	0.952534	1.00255	1.00255	0.0314376	0.9676584	1.03334	0.654643	1.12288	1.12288	0.564185	1.24362	1.24362	0.857131	1.50641	1.50641	0.0168853	0.815968	1.28064	1.28064	0.0481353	0.501647	-1.99343	0.395596	1.3048	1.3048	0.16217	0.13239	1
cg18930267	NOC4L	0.188906	0.660929	1.15499	1.15499	0.727996	1.12074	1.12074	0.447416	1.28761	1.28761	0.917344	0.966679	-1.03447	0.476908	1.26631	1.26631	0.712514	1.88619	-1.12843	0.00582319	0.307621	-3.25075	0.987961	1.00494	1.00494	0.77411	0.910335	-1.0985	1.90194	3.21033	1.50037	1
cg26062560	C1orf51	0.188906	0.1099	0.464808	-2.01285	0.102753	1.24254	1.24254	0.0512225	1.62805	1.62805	0.993128	1.04959	1.04959	0.514744	0.542383	-1.84355	0.553586	1.08863	1.08863	0.398442	0.784114	1.27	1.27	0.0364133	0.712	1.27	1.27	0.0364133	0.712	1.27	1.27	0.0364133	0.712	1.27	1
cg26331144	LRRCC1;LRRCC1	0.188907	0.3630119	1.4841	1.4841	0.938478	1.19271	1.19271	0.0501007	0.748247	1.45827	0.158863	1.30565	1.30565	0.0052402	0.238303	-4.19726	0.190685	0.782385	-1.27814	0.762601	1.00842	1.00842	0.931561	1.15322	1.15322	0.10393	0.944817	0.944817	1.90193	0.944817	0.441572	1
cg24493811	ODF3L1	0.188909	0.133356	0.623973	-1.60263	0.0708858	0.55553	-1.80008	0.0502402	0.521948	-1.9159	0.574113	0.847546	-1.17988	0.0375569	0.49518	-2.01947	0.255293	0.707546	-1.41334	0.904988	1.03539	1.03539	0.482256	0.812177	-1.23126	0.0959454	0.587072	-1.70337	1.90192	2.55589	1.19453	1
cg14489221	HIST2H2AC;HIST2H2AC;HIST2H2AC;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
ge50584022	KRAS;KRAS		0.189123	0.0302699	0.623591	-1.60878	0.374438	0.094037	-1.026	0.366471	1.18809	1.18809	0.113756	1.741919	-1.34786	0.466038	1.14852	1.14852	0.916578	1.01975	0.0704543	0.685638	-1.4585	0.8349	1.0397	1.0397	0.47085	1.14675	1.00082	1.04887	0.4905533	1
gi55591616	PARK7;PARK7		0.189123	0.362085	0.455739	-2.19424	0.0276222	0.88714	0.888714	0.165248	3.46123	0.406326	0.490366	-2.03929	0.208845	0.329127	-3.03834		0.764074	0.776858	-1.28724	0.242493	0.358412	-2.79009	0.812042	1.22119	1.22119	0.464172	0.535279	-1.86818	1.90082	21.1839	9.9063	1
gi55433637	SSU72		0.189123	0.440059	1.28609	1.28609	0.440186	0.777609	-1.28599	0.995115	1.00194	1.00194	0.274697	1.43785	1.43785	0.0527849	2.02065	2.02065	0.307047	1.40197	1.40197	0.099496	0.467213	-2.14035	0.659026	0.867714	-1.15245	0.678324	0.875229	-1.14256	1.90082	3.073693	1.43736	1
gi24008908	AKR7A3		0.189125	0.2351	0.751335	-1.33096	0.680259	0.909187	-1.09958	0.152415	0.70316	-1.42215	0.146857	2.099728	-1.43005	0.028261	0.553137	-1.81365	0.0586155	0.61213	-1.63364	0.707264	1.00054	1.00054	0.99137	1.00999	0.520199	1.16155	1.16155	1.90081	1.589002	0.743083	1
gi52804166	PHF6;PHF6;PHF6		0.189131	0.118071	0.293571	-3.40633	0.125217	0.301632	-3.3153	0.954021	1.04252	1.04252	0.0881914	3.89152	3.89152	0.0071357	3.466499	-2.14363	0.0695628	0.230861	-4.33162	0.335843	0.488345	-2.04773	0.970205	0.973385	-1.02734	0.532482	1.58774	1.90077	15.7022	7.34311	1
gi50225412	LIN9;LIN9		0.189135	0.274525	0.553939	-1.81179	0.020967	0.234122	-4.27128	0.228253	0.516303	-1.93685	0.467439	0.975425	-1.47383	0.368712	0.617722	-1.62029	0.107318	0.398997	-2.50629	0.0863274	0.371395	-2.69255	0.0482896	0.307389	-3.2532	0.813483	0.883779	-1.1315	1.90076	8.22588	3.84683	1
gi21084982	CUTA;CUTA;CUTA;CUTA;CUTA		0.189136	0.669564	0.961671	-1.03986	0.130306	1.1604	1.1604	0.317989	1.09853	1.09853	0.475867	0.936125	-1.06823	0.710943	1.03447	1.03447	0.214546	1.12633	1.12633	0.731445	1.03186	1.03186	0.0662802	1.20628	1.20628	0.0210369	1.28748	1.28748	1.90075	0.249525	0.116691	1
gi50290291	CR1;CR1		0.189136	0.876327	0.95517	-1.04691	0.1403	0.1403	1.1956	0.11667	0.0362935	0.459574	-2.15751	0.693196	0.81442	-1.22787	0.694583	1.1234	1.1234	0.515282	1.14384	1.21469	0.0972565	1.88628	0.1637	0.1637	1.34187	0.1637	1.34187	0.975314	1.90017	1.00917	1.90075	2.61947	1.225	1
gi37380334	HSPBP1;HSPBP1		0.189139	0.78877	0.936273	-1.06755	0.133882	0.663643	-1.50684	0.766144	0.9262	-1.07931	0.877993	0.617469	-1.61951	0.422477	2.410248	-1.23328	0.922589	0.975562	-1.02505	0.0651614	0.5967	1.6967	0.3289	1.2409	1.2409	0.161583	1.46593	1.46593	1.90074	1.970095	0.921725	1
gi50597530	AS88		0.189141	0.367708	0.880605	-1.13558	0.816761	1.03241	1.03241	0.599154	1.0756	1.0756	0.271778	1.17023	1.17023	0.109512	1.27095	1.27095	0.526836	1.09211	1.09211	0.0215797	0.684426	-1.46108	0.533016	1.09064	1.09064	0.482335	0.906539	-1.1031	1.90073	0.568422	0.265827	1
gi32006977	SLC35E3;SLC35E3		0.189143	0.694356	1.24466	1.24466	0.0127	2.64664	-2.2193	7	0.494484	0.494484	0.0537384	?	?	?	?	?	0.179964	2.26769	?	?	?	?	?	0.0540809	3.73255	3.73255	2.13498	5.703138	2.46368	1
gi08851723	KCTD14		0.189146	0.569661	0.89314	-1.11965	0.599998	0.901087	-1.10977	0.145605	0.735242	-1.36009	0.528552	1.13392	1.13392	0.00875791	0.518276	-1.92948	0.117538	0.877255	-1.13992	0.836357	0.952804	-1.04953	0.150752	0.738509	-1.35408	0.749525	1.06508	1.06508	1.9007	1.16629	0.54543	1
gi34857725	GTDC1;GTDC1;GTDC1		0.189151	0.110261	0.627039	-1.5948	0.0287341	0.526312	1.90021	0.370944	1.2792	1.2792	0.4584	0.854725	-1.22442	0.940635	0.980226	-1.02017	0.239323	0.718562	-1.39167	0.0914518	1.64608	1.64608	0.0970755	0.0769056	-1.02159	0.639533	0.881181	-1.13484	1.90068	2.16456	1.03229	1
gi50184524	BAT2		0.189155	0.582815	0.95972	-1.04197	0.0189074	0.56538	1.66538	0.296124	1.64047	1.64047	0.541509	0.753981	-1.32629	0.138595	2.07192	2.07192	0.34145	0.638981	-1.56499	0.0145306	0.684148	-1.46167	0.295084	1.64235	1.64235	0.373662	1.51779	1.51779	1.90065	0.28416	2.93805	1
gi18056635	NGRN;NGRN;NGRN		0.189156	0.374119	1.15341	1.15341	0.88154	1.02486	1.02486	0.241553	0.817169	-1.22374	0.516738	0.897377	-1.11436	0.511663	1.12784	1.12784	0.873265	1.02664	1.02664	0.54916	1.10498	1.10498	0.475762	1.12687	1.12687	0.0113295	1.68586	1.68586	1.90065	0.816631	0.381919	1
gi50448897	GABRI;GABRI;GABRI		0.189156	0.0284661	0.88378	-1.28705	0.622524	0.145122	-2.97128	0.228253	0.516303	-1.93685	0.467439	0.975425	-1.47383	0.368712	0.617722	-1.62029	0.143695	1.25215	1.25215	0.229476	0.701784	-1.42494	0.0411137	0.515915	-1.9383	0.602499	0.862806	-1.15901	1.90063	2.37412	1.11032	1
gi17800497	SE2G;SE2G CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;		0.189162	0.053275	0.379503	-2.63503	0.596941	1.26003	1.26003	0.0949851	2.23737	2.23737	?	?	?	0.264103	0.602495	-1.65977	0.466851	0.72536	-1.37863	0.914711	0.95472	-1.04743	0.157576	1.9356	1.9356	0.648352	0.819718	-1.21993	1.99484	5.14283	2.2558	1
gi17575906	CSorf13;CSorf13		0.189162	0.297423	0.366124	-2.73131	0.0999743	5.34751	5.34751	0.197917	3.54598	3.54598	0.960356	0.954817	-1.04732	0.0239542	0.0816272	-12.2508	0.508018	1.86756	1.86756	0.737288	1.36773	1.36773	0.949849	1.06025	1.06025	0.547773	0.567911	-1.76084	1.90062	26.0442	12.1804	1
gi07768843	GPN3;B		0.189163	0.708182	0.896468	-1.11566	0.248246	0.597026	-1.67532	0.204547	0.560303	-1.7699	0.0994507	2.37746	2.37746	0.122693	2.03573	2.03573	0.263095	1.60838	-1.64301	0.308348	0.637856	-1.5675	0.524498	0.759541	-1.31658	0.259077	1.65052	1.65052	1.90062	5.4743	2.56025	1
gi04859706	PCDH7;PCDH7;PCDH7		0.189167	0.283078	2.20673	2.20673	0.459655	0.586091	-1.70622	0.700508	0.760121	-1.31558	0.0865336	0.0929883	-10.754	0.280672	0.451224	-2.21619	0.924418	0.934876	-1.06966	0.15727	0.341859	-2.92518	0.911373	0.924023	-1.08222	0.754101	0.880124	-1.24981	1.90059	15.16	7.09017	1
gi26099156	ITM1;ITM1		0.189171	0.3206007	0.5911	-1.69179	0.373284	0.654153	-1.52858	0.14545	0.2042737	4.89731	0.0437744	0.3837491	2.60475	0.0227441	0.3139778	3.18437	0.0244774	4.08443	0.0244774	0.0944347	0.332817	-3.00466	0.444335	0.694118	-1.44068	0.515739	0.754237	-1.32584	1.90058	6.024105	2.88264	1
gi23193759	C10orf35		0.18917	0.532158	0.760889	-1.31425	0.131285	0.494805	-2.021	0.344092	1.5233	1.5233	0.973157	1.01464	1.01464	0.330523	0.648158	1.54283	0.881196	1.06672	1.06672	0.0464598	0.373468	-2.67761	0.0794703	0.431417	-2.31794	0.0628117	0.404937	-2.46952	1.90058	5.61389	2.62558	1
gi09195491	KLF8;KLF8;KLF8;KLF8		0.189173	0.120085	0.273049	-3.66235	0.172414	0.320136	-3.10445	0.659454	0.713606	-1.40133	0.995273	0.995507	-1.00451	0.512193	0.602665	-1.6593	0.0192808	0.108823	-9.18922	0.559129	1.50423	1.50423	0.372261	1.99655	1.99655	0.376473	1.99897	1.99897	1.98463	17.7799	6.96795	1
gi26243187	ST3GAL1;ST3GAL1		0.189175	0.635993	0.936907	-1.06773	0.0784648	1.40964	1.40964	0.0833973	1.30047	1.30047	0.0733793	1.00653	1.00653	0.0147213	1.20511	1.20511	0.244549	1.18025	1.18025	0.624072	1.04913	1.04913	0.0005	1.37565	1.37565	0.0568464	1.49588	1.49588	1.90057	0.927714	0.438902	1
gi22451356	KCNAB2;KCNAB2		0.189176	0.148472	0.614759	-1.62665	0.0791761	0.542371	-1.84376	0.993706	0.997527	-1.00248	0.759765	0.90821	-1.10107	0.0113531	0.380936	-2.62512	0.547827	0.826202	-1.21036	0.0898298	0.556098	-1.79853	0.546824	0.825797	-1.21095	0.258807	0.690847	-1.4475	1.90055	2.96611	1.38726	1
gi05620701	GPR133		0.189177	0.0726524	0.915141	-1.09261	0.343452	0.606585	-1.64677	0.0995761	0.316452	-3.16024	0.0239734	0.288239	2.959978	0.0151652	-1.95645	0.0755308	0.826404	0.132893	-7.52316	0.0798603	0.332407	-3.00754	0.0240127	0.334497	-2.98907	0.104356	0.628814	-1.5903	0.0894979	0.343796	0.42987	4.57874	1
gi14614793	KBKAP;Cbr/6		0.189179	0.875762	0.900429	-1.11058	0.181625	0.8405	0.8405	0.1149	3.15583	3.15583	0.284182	0.474434	-2.10819	0.691175	1.30693	1.30693	0.522436	0.647547	-1.54429	0.936605	0.728948	-1.37184	0.272876	0.465331	-2.14901	0.74896	1.24015	1.90053	1.52567	0.32653	1
gi27656754	L20RA		0.189183	0.774653	0.932813	-1.07203	0.0949324	0.640495	-1.56129	0.299461	0.770627	-1.29765	0.344626	1.266	1.266	0.358302	1.25719	1.25719	0.200953	1.38716	1.38716	0.0510328	1.71339	1.71339	0.283837	0.763547	-1.30968	0.718867	1.09154	1.09154	1.90053	1.7671	0.826486	1
gi04878861	ATPAF1;ATPAF1		0.189183	0.708182	0.896468	-1.11566	0.248246	0.597026	-1.67532	0.204547	0.560303	-1.7699	0.0994507	2.37746	2.37746	0.122693	2.03573	2.03573	0.83267	1.04345	1.04345	0.0405122	0.583133	-1.71428	0.998846	1.00029	0.0488606	0.22157	1.5717	1.5717	1.90052	5.12625	0.568848	1
gi16551481	TFDP1;TFDP1		0.189182	0.649766	0.847268	-1.18026	0.675322	0.165	0.165	0.163898	0.842546	-1.18688	0.4247	1.34389	1.34389	0.85423	0.935497	-1.06895	0.216154	1.60302	1.60302	0.0837807	0.207864	-3.35724	0.735982	1.13054	1.13054	0.620121	1.1986	1.1986	1.90052	3.95631	1.8504	1
gi25707057	CDC42;CDC42;CDC42		0.189186	0.754347	0.89185	-1.12115	0.0881815	0.124551	2.45451	0.0615	0.145384	4.2719	0.0574972	0.166095	6.022782	0.0362732	0.155573	6.430775	0.110774	5.9044	0.110774	0.0544102	0.160012	6.25011	0.160012	0.160012	6.25011	0.160012	6.25011	0.0852972	0.160012	6.25011	1.90052	0.0307	0.0307593	1
gi21084260	APOD		0.18919	0.267801	0.514456	-1.9438	0.881809	0.329426	-3.03558	0.0851095	0.334159	-2.99259	0.744268	1.2074	1.2074	0.0801951	0.327069	-3.05746	0.181892	0.44225	-2.26116	0.087876	0.338041	-2.95822	0.357341	1.72469	1.72469	0.923542	0.946228	-1.05683	1.90048	9.97876	4.66725	1
gi03806552	RBBP9		0.189194	0.750388	0.8881	1.0881	0.139633	1.52276	1.52276	0.455073	1.22297	1.22297	0.026191	0.49767	-2.00936	0.371981	1.27443	1.27443	0.804747	1.06772	1.06772	0.205237	0.702168	-1.42416	0.21145	0.705905	-1.41662	0.942963	0.981248	-1.01911	1.90046	2.10661	0.985312	1
gi02623991	TTYH1;TTYH1		0.189194	0.503584	0.934559	-1.07033	0.0784648	0.851749	-1.1745	0.357876	0.715153	-1.39855	0.36818	1.31884	1.31884	0.0659296	0.758515	-1.31775	0.236818	1.44889	1.44889	0.442782	0.497428	-2.01034	0.125464	0.606658	-1.64838	0.569176	0.842101	1.18788	1.18045	2.68215	1.12451	1
gi02273944	SPATA20		0.189194	0.195314	0.541654	-1.8462	0.998162	0.998969	-1.00103	0.0406901	0.347225	-2.87998	0.96349	1.0207	1.0207	0.423219	0.693392	-1.44219	0.177197	1.90034	1.90034	0.846117	0.916698	-1.09087	0.0494372	0.366539	-2.72823	0.489745	1.369	1.369	1.90045	6.03128	2.82098	1
gi13947534	C5orf171		0.189195	0.665582	1.27021	1.27021	0.0840226	2.8622	2.8622	0.673641	1.26238	1.26238	0.176517	2.20411	2.20411	0.560265	1.17218	1.17218	0.120745	2.22542	2.12342	0.0225749	4.30765	4.30765	0.0411399	2.65479	2.31849	0.213338	3.80345	0.106684	4.2595	1
gi24136318	SPTBN1;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9		0.189196	0.160188	0.793526	-2.07701	0.0206133	1.58421	1.58421	0.534512	1.27465	1.27465	0.151114	0.471201	0.61813	-1.61778	0.0207538	1.26288	0.790528	0.939683	-1.06403	0.487094	0.629131	-1.58945	0.808448	0.853647	-1.17282	0.0626883	0.252877	-3.95449	1.90044	12.9657	6.0644	1
gi15069471	STIM1		0.189197	0.703915	0.893616	-1.12004	0.462246	0.463682	-2.15651	0.464822	0.30051	3.0265	0.616421	1.36462	1.36462	0.297117	1.35409	1.35409	0.0777359	1.73085	1.73085	0.0179441	0.434074	-2.30374	0.242918	0.212158	0.767912	0.212158	0.767912	0.183474	1.1998	1.90044	11.4035	5.33374	1
gi21608116	SUGT1P1;NFX1;NFX1		0.189199	0.763179	0.959359	-1.04236	0.675688	0.943869	-1.05947	0.0171931	0.671253	-1.48975	0.553235	1.08584	1.08584	0.941727	1.02685	1.02685	0.0249472	0.693265	-1.44245	0.583551	0.926804	-1.07898	0.969837	0.994822	-1.00521	0.997417	1.00044	1.00044	1.90043	0.567393	0.265387	1
gi03818715	PTPN2;PTPN2;PTPN2		0.189201	0.0799421	0.49161	-2.03351	0.0159303	0.0756	0.0756	0.0124755	0.0756	0.0756	0.0124755	0.0756	0.0756	0.0124755	0.0756	0.0124755	0.0756	0.0756	0.0124755	0.0756	0.0756	0.0124755	0.0756	0.0124755	0.0756	0.0124755	1.90043

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg24863262	TMEM68	0.189445	0.974774	0.984649	-0.01559	0.9828054	0.9907	-2.55951	0.246082	0.552332	-1.81605	0.6780887	0.8152886	-1.22656	0.0146404	0.229599	-4.35541	0.414957	0.665189	-1.50333	0.06738558	0.367561	-1.72004	0.842409	1.10229	0.937319	0.962251	-1.03053	1.889616	7.19977	3.3698	1
cg03737442	HRH1 TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1 ;PQBP1;PQBP1;TIMM17B;PQBP1;PQBP	0.189446	0.367136	1.24206	1.24206	0.00874383	2.1848	2.1848	0.445367	0.8335582	-1.19964	0.6462333	0.1142	1.1142	0.348168	0.7977221	-1.25357	0.380607	1.23421	1.23421	0.2607	1.31584	1.31584	0.990006	0.9997709	-1.00029	0.812071	1.057311	1.057311	1.899616	1.64666	0.770708	1
cg07734869	1	0.189449	0.106504	0.567306	-1.76272	0.1341	1.68136	1.68136	0.340859	0.729295	-1.37119	0.357239	0.737479	-1.35597	0.037834	0.460916	-2.16959	0.143168	0.602877	-1.65871	0.559056	0.826944	-1.20927	0.801925	1.0842	1.0842	0.6786111	1.143341	1.143341	1.899614	3.111424	1.45621	1
cg17635724	USP45	0.189449	0.811598	1.11263	1.11263	0.606035	1.26209	1.26209	0.152357	1.998842	1.998842	2.04948	1.5819	-1.71851	0.565185	0.7708371	-1.29722	0.79386	0.890932	-1.1641	0.351465	1.5378	1.5378	0.2520992	1.7161	1.7161	0.0153294	1.59525	1.59525	1.983606	6.13851	2.40759	1
cg24963307	METTL3	0.189451	0.343326	0.822412	-1.21593	0.3562977	0.826942	-1.20927	0.114291	1.41061	1.41061	0.376226	0.833712	-1.19945	0.959444	1.01024	1.01024	0.96386	0.990967	-1.00912	0.0197255	0.568931	-1.75768	0.298262	1.24103	1.24103	0.7685944	1.06087	1.06087	1.899613	1.20644	0.564675	1
cg01425793	C22orf23;POLR2F	0.189452	0.38814	1.35756	1.35756	0.766155	0.897937	-1.11366	0.861702	1.06212	1.06212	0.0602593	0.28003	2.08003	0.466313	0.77398	-1.29202	0.04809065	0.457865	-2.18455	0.1134458	0.5715391	-1.74966	0.38174	1.36348	1.36348	0.873757	0.948116	-1.05472	1.899613	3.59269	1.68152	1
cg12648263	PIGH	0.189452	0.488889	0.864921	-1.15618	0.202313	1.32028	1.32028	0.585135	0.12044	8.310425	0.527012	1.897409	0.850628	0.961834	-1.03968	1.03968	0.31222	0.805912	-1.24083	0.2941285	1.2518	1.2518	0.752709	0.929874	-1.07541	0.834652	1.04409	1.04409	1.899612	1.28148	0.5998	1
cg08432727	SOX11	0.189454	0.931863	1.01524	1.01524	0.201842	1.2691	1.2691	0.213667	1.26053	1.26053	0.823612	1.04027	1.04027	0.866327	0.97065	-1.03024	0.174643	0.774682	-1.29085	0.0154854	0.681282	-1.46782	0.662605	1.08072	1.08072	0.0731912	1.423376	1.423376	1.899612	0.940421	0.440168	1
cg14042203	DTX4	0.189455	0.936998	1.03933	1.03933	0.8029	1.885161	-1.57474	0.107706	0.424762	-2.35405	0.153184	1.15881	-1.22656	0.0146404	0.229599	-4.35541	0.01288001	0.268516	-3.72418	0.1139895	0.2270698	2.27698	0.2270698	0.7237175	-1.38624	0.343017	1.610041	1.610041	1.899611	7.15597	3.34999	1
cg01499197	CDK2	0.189457	0.2428097	1.51987	1.51987	0.640204	0.708262	-1.41191	0.33017	0.478884	-2.08819	0.577031	0.66176	-1.51112	0.75997	1.25174	1.25174	0.895813	1.10076	1.10076	0.697856	0.751372	-1.3309	0.02100335	0.74768	0.74768	0.935958	0.942816	-1.06065	1.899611	16.1488	7.55854	1
cg20836512	PHKA1;PHKA1	0.189455	0.0217348	0.6542205	-18.4432	0.5002251	0.484837	-2.06255	0.905298	1.13419	1.13419	0.251973	0.54716	-1.82735	0.227578	-1.22358	0.887527	0.974012	-1.02668	-4.880074	0.874964	-1.1429	0.174	0.2159578	-4.63209	0.7250593	0.692715	-1.44459	0.419274	0.417639	-2.39441	0.109236	0.148773	-6.72167	1.899611	33.669	15.799	1
cg21930286	GJC1;GJC1	0.189458	0.0135417	0.566327	-1.76577	0.9605533	0.990835	-1.00925	0.295668	0.817275	-1.22358	0.887527	0.974012	-1.02668	-4.880074	0.874964	-1.1429	0.689465	1.0776	1.0776	0.22018	0.786737	-1.27107	0.969245	0.9928852	-1.0072	0.0433288	0.648937	-1.54088	1.899609	1.04132	0.4874	1
cg13766560	LAMC3	0.189462	0.193172	1.24624	1.24624	0.454501	0.885336	-1.12951	0.0102189	0.595933	-1.67804	0.394224	1.1497	1.1497	0.940242	0.871589	-1.14733	0.563216	0.910804	-1.09793	0.969411	1.00615	1.00615	0.748226	1.05283	1.05283	0.964891	0.992988	-1.00706	1.899609	0.7686617	0.35976	1
cg24642064	PRDM16;PRDM16	0.189463	0.291313	1.46157	1.46157	0.113183	1.81554	1.81554	0.0572212	0.303932	3.29033	0.0125915	0.55528	1.80126	0.0146404	0.229599	-4.35541	0.0350196	2.3278	0.4294773	0.0140047	0.2170413	2.17913	0.4589107	0.4040906	2.47513	0.0433288	0.648937	1.899608	1.62295	1.69109	1
cg11628739	MRC2	0.189462	0.280269	0.6405511	-1.56116	0.5831616	0.801679	-1.24738	0.0118969	0.287691	-3.47595	0.337894	0.675651	-1.48005	0.194121	0.579725	-1.72496	0.445042	0.734201	-1.36202	0.872233	1.06596	1.06596	0.199128	1.71335	1.71335	0.461353	0.742591	-1.34664	1.89907	4.73718	2.2173	1
cg20737812	KLHL25	0.189466	0.262306	0.5494313	-1.75613	0.0112259	0.21641	-4.62087	0.403581	0.642405	-1.50951	0.889516	1.06926	1.06926	0.508021	0.729355	-1.38199	0.573536	0.76013	-1.31522	0.0924868	0.4089814	-2.44012	0.20178	0.5322356	-1.8944	0.48181	1.41121	1.41121	1.899606	6.98166	3.26776	1
cg05563355	PANX3	0.189467	0.08925137	0.5328265	0.4109348	0.246212	-4.06153	0.072212	0.303932	3.29033	0.0125915	0.55528	1.80126	0.0146404	0.229599	-4.35541	0.0350196	2.3278	0.249	0.488575	-2.04677	0.0656226	0.2802828	-3.41497	0.1923337	0.440306	-2.27115	0.6491781	0.761627	-1.3129	0.89505	1.01279	0.47462	1
cg23090671	CT45A4	0.18947	0.0808064	0.496069	-2.01585	0.2975559	0.676386	-1.47845	0.650643	0.847836	-1.17947	0.268385	0.658763	-1.518	0.471591	1.30361	1.30361	0.102453	1.90985	1.90985	0.565049	1.23441	1.23441	0.06349998	0.46979	-2.12861	0.6974471	1.15193	1.15193	1.89904	3.94278	1.84551	1
cg03092156	PDE6B;PDE6B;PDE6B	0.189471	0.0848812	1.35429	1.35429	0.28268	0.97435	-1.1432	0.78405	1.16062	1.16062	0.135167	1.75818	1.75818	0.0703422	0.4040575	-2.48381	0.817776	0.885889	-1.13391	0.705076	0.3441253	2.90732	0.3441253	0.9837881	-1.16649	0.175261	0.455913	2.1934	1.89903	8.92031	4.17538	1
cg11891330	WHSC2	0.189472	0.662621	1.05538	1.05538	0.250181	1.15896	1.15896	0.909103	1.04142	0.012014	0.580524	0.933769	-1.07093	0.961625	1.00592	1.00592	0.540004	0.926662	-1.07914	0.00993514	0.6703643	-1.49151	0.353543	0.8894417	-1.12433	0.185651	0.841728	-1.18803	1.89902	0.4533317	0.212187	1
cg08975724	FLI00661;FLI00661;FLI00661	0.189474	0.2373546	1.80502	1.80502	0.0911778	1.3414	1.3414	0.0144344	0.2406	1.37992	0.131592	0.2115152	-2.40815	0.124062	0.8041359	-1.24355	0.1326534	0.647389	-1.54467	0.0136547	0.4936044	-2.0283	0.09455	0.1038	0.938036	1.0066	1.0066	1.899602	0.7042468	0.2744	1
cg25241825	GDF1;ASS1	0.189476	0.159783	0.394953	-2.53195	0.1911137	2.3537	2.3537	0.52715	1.48625	1.48625	0.5848	1.40668	1.40668	0.0447868	0.2406516	4.15599	0.728262	1.24075	1.24075	0.0973289	0.324583	-3.08088	0.791047	0.8485511	-1.17848	0.205726	0.437982	-2.2832	1.899	11.5034	5.38452	1
cg26855836	CASR	0.189478	0.0420562	5.22512	5.22512	0.0151056	8.22772	8.22772	0.850175	1.1428	1.1428	0.426642	1.77348	1.77348	0.405321	1.823380	1.823380	0.464962	1.69033	1.69033	0.85093	0.87894	-1.13773	0.51865	2.8967	2.8967	0.1638863	2.81444	2.81444	1.89899	14.985	7.01422	1
cg18717067	NIT1	0.189481	0.347342	0.70568	-1.41657	0.2275615	0.561634	-1.78023	0.563324	0.810193	-1.23428	0.566513	0.811616	-1.23128	0.566513	0.811616	-1.23128	0.315997	0.668336	-1.4958	0.1427373	0.4670645	2.09234	0.4670645	0.7774143	-1.28634	0.4668403	0.191085	5.233875	1.89898	3.90322	1.82705	1
cg16503207	PDE4DIP;PDE4DIP;PDE4DIP	0.189482	0.0244935	0.232736	-4.29267	0.337224	0.583762	-1.71303	0.462398	0.665653	-1.50229	0.666076	0.789624	-1.26643	0.01909	0.213672	-4.68007	0.554291	0.722224	-1.38461	0.0926685	0.36545	-2.73635	0.794638	0.867697	-1.15248	0.503751	0.691339	-1.44647	1.89897	8.90144	4.16667	1
cg08503594	ADCY9	0.189485	0.510956	1.32974	1.32974	0.619804	1.10588	1.10588	0.352984	0.621094	2.37477	0.541773	0.785505	-1.27307	0.640798	1.110564	-1.80494	0.192717	1.7411	1.7411	0.0248697	0.382007	2.61804	0.382007	0.7232054	-1.36602	0.288986	0.556515	2.151036	1.89896	4.59515	2.15106	1
cg18150930	CDG1	0.189506	0.327453	1.74424	1.74424	0.253368	1.92224	1.92224	0.675526	1.26071	1.26071	0.287149	1.83719	1.83719	0.562594	1.724583	1.3801	0.011468	1.175394	5.70144	0.831219	1.12464	1.12464	0.922532	1.05499	1.05499	0.643206	1.773588	1.89885	5.10823	4.26375	1
cg00262621	MMP23B	0.189509	0.116513	3.76998	3.76998	0.0807939	4.53393	4.53393	0.446181	1.81887	1.81887	0.540917	1.59439	1.59439	0.545305	1.60168	1.60168	0.105242	3.96905	3.96905	0.20979	2.78304	2.78304	0.342315	2.12758	2.12758	0.0117455	12.2551	12.2551	1.98273	18.1384	7.11528	1
cg02287914	EVPL	0.189511	0.0765431	1.32639	1.32639	0.4618604	0.881721	-1.24732	0.0364505	0.34507	-2.89796	0.176182	0.39598	-2.52646	0.0146404	0.229599	-4.35541	0.2076304	1.32916	1.32916	0.2316	0.3208014	3.11756	0.3208014	0.4546267	-2.19271	0.126903	0.440116	2.170383	1.89882	3.14984	1.65788	1
cg15085879	TCF12;TCF12;TCF12;TCF12;LOC145783	0.189513	0.809516	1.04372	1.04372	0.128412	1.338	1.338	0.114726	1.35515	1.35515	0.295242	1.21196	1.21196	0.244281	1.24088	1.24088	0.0279101	1.58453	1.58453	0.553643	0.899282	-1.112	0.126503	0.2345037	1.12132	1.12132	1.898811	0.944038	0.441931	1
cg02660165	VANGL2	0.189513	0.195707	0.570424	-1.75308	0.13246	0.513733	-1.94654	0.0813529	0.452657	-2.20918	0.244137	0.606582	-1.64858	0.0571897	0.413656	-2.41747	0.0927	0.468126	-2.13617	0.0885759	0.462667	-2.16138	0.461483	1.36011	1.36011	0.378581	0.690195	-1.44887	1.89881	5.06163	2.36949	1
cg22032540	RAB4B SPDP;SPDP;SPDP;SPDP;SPDP;SPDP;SPDP	0.189517	0.66914	1.11595	1.11595	0.654615	0.891446	-1.12177	0.69402	0.904023	-1.10617	0.732687	0.91943	1.09143	0.0822915	0.611889	-1.63428	0.167678	0.68704	-1.45541	0.18025	1.43783	1.43783	0.044249	1.80352	1.80352	0.441677	1.22166	1.22166	1.898979	1.95846	0.916821	1
cg13545763	P;SPDP;SPDP;SPDP;SPDP;SPDP	0.189525	0.4302	1.26676	1.26676	0.136064	1.60272	1.60272	0.108227	1.67299	1.67299	0.581786	1.17746	1.17746	0.940655	0.978373	-1.02211	0.0128573	2.47735	2.47735	0.504662	0.819701	-1.21996	0.498988	1.2233	1.2233	0.609642	0.859653	-1.16326	1.89875	2.59344	1.21411	1
cg10661054	LIMS2;LIMS2;LIMS2;LIMS2	0.189526	0.2253304	1.44355	1.44355	0.2408268	0.97435	-1.1432	0.78405	1.16062	1.16062	0.135167	1.75818	1.75818	0.0703422	0.4040575	-2.48381	0.4358828	1.3982	1.3982	0.809067	0.754994	-1.32557	0.0106859	0.6533119	0.6533119	0.987574	1.012664	1.012664	1.898963	0.8803154	0.372063	1
cg19191401	SRGAP1	0.189526	0.730607	0.915322	-1.09251	0.0378557	0.539889	-1.85223	0.474828	0.830238	-1.20447	0.152334	0.675377	-1.48065	0.188765	1.42823	1.42823	0.280479	1.33266	1.33266	0.240706	1.36316	1.36316	0.372847	0.7912027	-1.26389	0.584786	1.15171	1.15171	1.898474	1.9706	0.922528	1
cg23240589	RTN4;RTN4;RTN4;RTN4;RTN4	0.189527	0.596236	0.761744	-1.31278	0.4858272	1.4339	1.4339	0.697279	0.839585	-1.22013	0.0595798	2.95097	2.95097	0.322347	0.594335	-1.68255	0.954059	0.971103	-1.02976	0.787908	0.871761	-1.1471	0.0166922	4.4246	4.4246	0.681514	1.2337	1.2337	1.898474	7.78972	3.66673	1
cg18421949	MAP7	0.189528	0.380456	1.20774	1.20774	0.3242868	0.92457	-1.1557	0.31742	1.24488	1.24488	0.0470	2.32162	2.32162	0.0107	2.34188	2.34188	0.784384	1.12376	1.12376	0.791018	0.8645097	1.15153	0.1153	0.0426515	0.880554	1.880554	1.898473	0.9813184	0.354462	1
cg14453449	ATP9B	0.189529	0.264309	0.42777	-2.3377	0.0094381	0.090612	-11.0361	0.0801906	0.024532	-4.12318	0.754741	1.2598	1.26698	0.179584	1.353337	-2.83016	0.671165	0.732219	-1.36571	0.483316	0.3000595	3.33191	0.3000595	0.6770463	-1.49151	0.353543	0.889417	-1.12433	0.185651	0.841728	-1.18803	1.89902	0.4533317	0.212187	1
cg07431944	ITT140	0.189533	0.0470707	0.6404	0.6404	0.1731778	1.3414	1.3414	0.0144344	0.2406	1.37992	0.131592	0.2115152	-2.40815	0.124062	0.8041359	-1.24355	0.1326534	0.647389	-1.54467	0.0136547	0.4936044	-2.0283	0.09455	0.1038	0.938036	1.0066	1.0066	1.899602	0.7042468	0.2744	1
cg01585846	GPX4;GPX4;GPX4	0.189535	0.981215	0.996349	-1.00196	0.759676	0.953454	-1.04882	0.303729	0.847491	-1.17995	0.618073	0.18121	1.08121	0.435642	1.13151	1.13151	0.338935	1.16547	1.16547	0.00879173	0.595521	-1.6792	0.812878	1.03752	1.03752	0.417693	0.879277	-1.1373	1.8987	0.725674	0.33973	1
cg03609594	ADCY9	0.189535	0.510956	1.32974	1.32974	0.619804	1.10588	1.10588	0.352984	0.621094	2.37477	0.541773	0.785505	-1.27307	0.640798	1.110564	-1.80494	0.192717	1.7411	1.7411	0.0248697	0.382007	2.61804	0.382007	0.7232054	-1.36602	0.288986	0.556515	2.151036	1.89896	4.59515	2.15106	1
cg18760300	CDG1	0.189536	0.327453	1.74424	1.74424	0.253368	1.92224	1.92224	0.675526	1.26071	1.26071	0.287149	1.83719	1.83719	0.562594	1.724583	1.3801	0.011468	1.175394	5.70144	0.831219	1.12464	1.12464	0.922532	1.05499	1.05499	0.643206	1.773588	1.89885	5.10823	4.26375	1
cg22848150	PENK;PENK	0.189542	0.0816141	0.658582	-1.51841	0.400506	0.830078	-1.20471	0.715918	0.929364	-1.076	0.289168	0.788122	-1.26884	0.510916	1.15524	1.15524	0.0263318	0.565473	-1.76843	0.0522544	0.620172	-1.61246	0.981417	0.994972	-1.00505	0.224192	0.758571	-1.31827	1.89866	1.40827	0.659306	1
cg20830389	C12orf75	0.189543	0.8163778	1.05475	1.05475	0.6031731	0.941041	-1.06255	0.603568	1.05172	1.05172	0.581596	0.78651	-1.27138	0.0146404	0.229599	-4.35541	0.2743575	1.19542	1.19542	0.3836422	0.5002457	1.99862	0.5002457	0.3100861	-1.22518	0.4641	0.7240054	1.65847	1.89862	1.19692	2.12466	0.8866	1
cg10991450	PKHD1;PKHD1	0.189543	0.67637	1.35664	1.35664	0.3836156	1.61079	1.61079	0.398705	1.86293	1.86293	0.0605	0.887533	-1.12672	0.0863899	0.25588	-3.90793	0.724125	1.29068	1.29068	0.667871	1.36453	1.36453	0.284682	0.449231	-2.22603	0.1043611	0.59078	3.59078	1.89866	15.591	7.29918	1
cg21586107	TMS810;TMS810	0.189543	0.172139	1.16951	1.16951	0.114772	1.20269	1.20269	0.229975	1.14533	1.14533	0.797812	0.972737	-1.02804	0.193239	1.1599	1.1599	0.642646	1.10561	1.10561	0.944999	1.008991	1.008991	0.0682033	1.24781	1.24781	0.0188917	1.93943	1.93943	1.898466	0.90023	0.424301	1
cg14828893	ACCN1	0.189544	0.0866383	0.439131	-2.32921	0.2670486	0.24605	-4.06405	0.104401	0.393619	-2.54093	0.0972	0.932619	-1.07225	0.5126985	0.6862508	-1.45706	0.132406	0.483748	-2.06719	0.0329023	0.327995	-3.04883	0.0576275	0.3835588	-2.60696	0.554018	0.765347	-1.30636	1.89866	0.60196	0.28092	1
cg12010638	PP9282;PP9282;PP9282;PP9282	0.189545	0.794195	0.93173	-1.07391	0.449128	0.810351	-1.23403	0.980993	1.00652	1.00652	0.205826	1.49312	1.49312	0.319094	0.755135	-1.32427	0.455558	0.812774	-1.23005	0.0184479	2.18702	2.18702	0.280743	0.736519	-1.35774	0.355773	0.777147	-1.29576	1.89865	2.2373	1.04744	1
cg13772514	DMRT3	0.189549	0.0436418	2.32775	2.32775	0.0495554	3.1414	3.1414	0.173403	7	0.0000	0.0000	0.000000	0.000000	0.000000	0.000000	-1.79566	0.0918941	2.10954	2.10954	0.3636036	0.7209	1.3598	0.3598	0.9368319	-1.03272	0.40564	0.585858	1.7009	1.89864	0.63585	0.3109	1
cg00755588	C9orf172	0.189551	0.176177	0.665351	-1.50297	0.5754493	0.544165	-1.83768	0.458856	1.23825	1.23825	0.76622	1.09637	1.09637	0.375252	0.772723	-1.29412	0.434845	0.797917	-1.25326	0.104551	0.6049907	-1.65315	0.0585402	0.545803	-1.83216	0.379516	1.291	1.291	1.89862	2.41379	1.13008	1
cg16600934	AKT1;AKT1;AKT1	0.189553	0.608729	1.24986	1.24986	0.935734	0.960763	-1.03545	0.0886518	2.26501	2.26501	0.941682	1.03211	1.03211	0.939977	0.962369	-1.03813	0.0778858	0.428972	2.33115	0.0178107	0.2729697	3.07097	0.3257097	0.9088889	1.0507	1.0507	1.898461	0.56132	0.262711	1
cg20872640	ALKBH6;ALKBH6;C19orf46	0.189558	0.404771	0.930096	-1.07516	0.414304	1.07352	1.07352	0.941957	0.993829	-1.00621	0.213611	1.11776	1.11776	0.0795625	1.17989	1.17989	0.509591	0.944717	-1.05852	0.65374	0.962341	-1.03913	0.0324022	0.8805261	-1.24183	0.545137	0.13544	1.05344	1.898458	0.217307	0.10174	1
cg26291818	RAB2A;RAB2A	0.189563	0.190023	0.818325	-1.22201	0.124169	0.786237	-1.27188	0.484803	0.902536	-1.10799	0.689755	1.05967	1.05967	0.0441706	0.716071	-1.39651	0.242504	0.838043	-1.19326	0.129382	0.7892342	-1.26705	0.705697	0.946671	-1.05633	0.0276046	0.68642	-1.45683	1.89855	0.62742	0.293754	1
cg16960404	CPA4;CPA4	0.189569	0.618484	1.23776	1.23776	0.6198004	1.1588	1.1588	0.354284	0.863618	1.07221	1.07221	0.885727	1.12911	-1.40279	0.930505	-1.07458	0.933183	1.07221	1.07221	0.930977	1.07453	1.07453	1.110564	-1.80494	0.192717	1.7411	1.7411	0.248697	0.382007	2.61804	0.382007	1.898457	0.7232054	1.36602	1.288	1.288618

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(563T vs. N)	F(Error
cg01173291	ZSCAN2;ZSCAN2;ZSCAN2	0.189809	0.743415	0.979776	0.02673	0.377565	1.07539	1.075398	0.285973	1.09219	0.102619	0.108648	1.15082	1.15082	1.176284	1.12233	1.12233	0.335349	1.08302	1.08302	0.0270299	0.811788	-1.23185	0.926274	1.0093	1.0093	0.607685	1.04245	1.04245	1.089729	0.193645	0.0907237	1
cg27170178	GJC1;GJC1	0.18981	0.669502	1.23658	1.23658	0.378896	2.67838	2.678838	0.00979983	5.02757	5.02757	0.498984	1.40414	1.40414	1.404014	1.719043	1.19561	1.19561	0.111483	2.3569	2.3569	0.197028	1.96308	1.963308	0.309562	1.68213	1.68213	0.614415	1.2856	1.2856	1.89729	7.34973	3.44338	1
cg23225415	CTNNA2;CTNNA2	0.189813	0.819897	1.13867	1.13867	0.22043	0.480152	-2.08268	0.610935	0.746643	-1.33933	0.272475	1.91639	1.91639	0.312644	1.81258	1.81258	0.719363	1.22772	1.22772	0.0236062	4.66081	4.66081	0.176239	2.26776	2.26776	0.101528	2.77572	2.77572	1.89727	9.74426	4.56527	1
cg21146231	MTMR3;MTMR3;MTMR3	0.189815	0.115481	1.84256	-1.18682	0.421973	0.921188	-1.08555	0.286992	0.895256	-1.117	0.53801	0.9599505	-1.06439	0.235422	1.13252	1.13252	0.983162	1.00211	1.00211	0.0339001	0.780478	-1.28127	0.598286	1.05468	1.05465	0.186824	1.15031	1.15031	1.89726	0.300946	0.140997	1
cg24343913	NTNG1;NTNG1;NTNG1	0.189819	0.458383	0.513102	-1.88313	0.0155345	0.0833797	-11.9933	0.0941872	0.213857	-4.67601	0.848258	1.17418	1.17418	0.246874	0.362405	-2.75935	0.446062	0.52148	-1.91762	0.2582466	0.327009	-2.68815	0.222276	0.34123	-2.93058	0.352487	2.23002	2.23002	1.89724	21.1135	9.89205	1
cg31446379	CDL1841	0.189825	0.0700705	5.38516	5.38516	0.863803	1.15732	1.15732	0.42057	1.98572	1.98572	0.698865	0.723199	-1.38275	0.243527	0.361579	-2.76565	0.953079	1.05028	1.05028	0.608618	0.650154	-1.5381	0.0162952	0.15796	0.11736	0.0178633	1.17833	1.17833	1.89721	20.8825	9.78393	1
cg24797493	TRIB1	0.189825	0.0224017	0.51591	-1.93832	0.138546	1.47071	1.47071	0.276851	0.760635	-1.31469	0.581655	0.8740552	-1.1441	0.845521	1.04832	1.04832	0.828743	0.948945	-1.0538	0.372233	1.24809	1.24809	0.398913	0.811461	-1.23235	0.272849	1.31795	1.31795	1.89721	1.75838	0.823844	1
cg21475427	BMP8A	0.189828	0.675624	0.880238	-1.13607	0.200205	0.6633511	-1.50713	0.178596	0.648351	-1.54238	0.613226	0.856827	-1.1671	0.631123	1.22794	1.22794	0.089753	0.567365	-1.76263	0.199157	1.10661	1.10661	0.844176	1.06347	1.06347	0.338487	0.7414682	-1.34865	1.8972	2.76135	1.29377	1
cg26839807	ZNF563	0.189828	0.536884	1.06055	1.06055	0.893158	1.01271	1.01271	0.053532	1.23821	1.23821	0.13285	1.13285	1.13285	0.533461	0.90243	-1.06109	0.209314	1.13247	1.13247	0.621207	1.04794	1.04794	0.718673	1.03459	1.03459	0.0136153	1.33235	1.33235	1.89719	0.2655555	0.12442	1
cg04252242	FAM114A1;MIR574	0.189829	0.0177856	1.3915	1.3915	0.402224	1.10328	1.10328	0.693562	1.04645	1.04645	0.24186	0.868973	-1.15078	0.885833	0.983664	-1.01661	0.314145	0.887502	-1.12676	0.192959	0.853884	-1.17112	0.918184	1.01185	1.01185	0.401905	0.906325	-1.10336	1.89719	0.394949	0.185045	1
cg00570906	HLA-DPB1	0.189834	0.0874131	3.90388	3.90388	0.0546444	0.619139	2.02005	0.133383	3.55297	-1.80856	0.225238	1.59383	1.59383	0.313283	0.891001	1.05141	1.05141	0.148013	3.06518	3.06518	0.0105636	3.04538	5.25297	5.25297	0.161258	2.80004	2.94404	2.94404	0.654315	2.70232	1.38469	1.89716	15.653	7.334	1
cg04987465	RPRML	0.189835	0.2880558	-3.47152	0.489403	0.76488	1.30739	0.594667	0.814656	0.667846	-1.22751	0.91615	0.960598	-1.04102	0.937113	1.03554	1.03554	0.072675	0.472485	-2.11647	?	?	?	0.637268	0.834192	-1.19876	0.290866	0.658112	-1.5195	1.90823	3.91401	2.05112	1
cg01606403	SPAG16;SPAG16	0.18984	0.182947	0.552288	-1.81092	0.808507	1.10739	1.10739	0.982639	0.9909	-1.00918	0.448823	0.721065	-1.383	0.400403	0.279495	-3.57787	0.245648	0.608414	1.60552	0.123642	0.496293	-2.01494	0.673259	1.19504	1.19504	0.12403	0.497677	-2.00934	1.89713	5.303	2.48468	1
cg24517768	HNRNPU;HNRNPU	0.189844	0.290136	1.09926	1.09926	0.870433	0.9386027	-1.01417	0.462246	0.962821	-1.03861	0.891414	1.03184	1.03184	0.049773	1.23276	1.23276	0.654446	0.961909	-1.0396	0.0207255	0.786587	-1.27132	0.957044	0.995368	-1.00465	0.832496	0.981909	-1.01842	1.89711	0.223252	0.104604	1
cg01814898	AHCY;L1	0.189846	0.173652	0.425137	-2.35218	0.599439	1.36772	1.36772	0.420909	1.62554	1.62554	0.726839	0.812833	-1.23026	0.0186984	0.185636	-5.38687	0.494295	0.663574	-1.50699	0.13121	0.389178	-2.61924	0.965491	1.02589	1.02589	0.11401	0.362076	-2.76185	1.8971	10.4901	4.91516	1
cg24249440	TWIST1	0.189848	0.266278	1.87384	1.87384	0.706799	0.4165539	-2.40043	0.958842	0.924423	1.02333	0.183868	0.6722377	-1.48746	0.0967513	0.644505	-2.2469	0.226782	0.667759	-1.49755	0.131959	0.485256	-2.06077	0.182407	0.27976	2.0776	0.963253	0.97972	-1.0207	1.89709	0.54224	0.78426	1
cg24319462	ZBTB22;ZBTB22	0.189849	0.303916	1.38639	1.38639	0.418189	0.775823	-1.28895	0.565395	1.19518	1.19518	0.225957	1.47718	1.47718	0.034033	2.13643	2.13643	0.279889	1.41152	1.41152	0.0243878	2.27744	2.27744	0.401165	1.30169	1.30169	0.266664	1.42632	1.42632	1.89708	2.82862	1.32537	1
cg24539697	LRP5	0.189851	0.452357	0.775158	-1.29006	0.0772861	1.19156	1.92196	0.163704	1.6352	1.6352	0.340966	1.38009	1.38009	0.711808	0.8839155	-1.13133	0.11579	1.76587	1.76587	0.0498283	2.10475	2.10475	0.344645	0.723397	-1.38237	0.972269	0.988916	-1.01121	1.89708	3.32466	1.55779	1
cg06172720	HSPBAP1	0.189851	0.32259	1.75819	-1.76993	0.0197558	0.96914	-1.2078	0.790394	1.11008	1.11008	0.467649	0.7579445	-1.31936	0.317749	0.713257	-1.40202	0.642523	1.16527	1.16527	0.151752	1.625894	1.65284	0.634941	1.16941	1.16941	0.701984	0.916794	-1.09076	1.89708	0.42682	0.224526	1
cg24300048	APBA1	0.189853	0.7654455	0.936653	-1.06763	0.223354	1.32442	1.32442	0.979313	1.00571	1.00571	0.362909	1.22808	1.22808	0.260157	0.772548	-1.29442	0.431295	1.19301	1.19301	0.0230961	1.81644	1.81644	0.302533	0.790838	-1.26448	0.240413	0.76334	-1.31003	1.89706	1.4504	0.679601	1
cg19249980	PCCA;PCCA	0.189855	0.645175	0.843924	-1.18494	0.054644	0.619339	-2.22005	0.133383	0.552927	-1.80856	0.225238	1.59383	1.59383	0.313283	0.891001	1.05141	1.05141	0.719121	1.1413	1.1413	0.25238	1.53825	1.53825	0.907003	0.979061	-1.02142	0.913821	0.959101	-1.04259	1.89705	4.024022	1.8856	1
cg20765985	SLC6A8;SLC6A8;SLC6A8;SLC6A8	0.189856	0.236335	0.698121	-1.43242	0.0591483	0.539522	-1.85349	0.0967551	0.588782	-1.69554	0.394135	0.7766037	-1.2876	0.405345	0.514921	-1.94205	0.178436	0.66097	-1.51294	0.0861555	1.05185	0.938056	1.02276	1.02276	0.0604566	0.541651	-1.84621	1.89705	2.52001	1.18078	1
cg12328582	GOLGA3	0.189857	0.392074	1.08242	-1.12582	0.858402	0.977247	-1.02328	0.828187	1.08273	-1.08273	0.729416	0.7631118	-1.31041	0.0123935	1.40097	1.40097	0.939639	0.988309	1.01184	0.855063	0.975583	-1.02502	0.0178247	0.7795	1.09504	1.11934	0.103812	1.271777	1.2377	1.89704	0.5048853	0.257174	1
cg24238662	ZDHHC22	0.189858	0.141074	0.630647	-1.58567	0.444453	0.796888	-1.25488	0.318932	1.34984	1.34984	0.440877	0.795409	-1.25721	0.435057	0.792991	-1.26105	0.635177	0.870057	-1.14935	0.00903348	0.380398	-2.62882	0.253902	0.706811	-1.4148	0.544774	0.836515	-1.19544	1.89704	2.54836	1.19408	1
cg13298209	GRID2IP	0.18986	0.0432765	0.301751	-3.31399	0.158895	2.16832	2.16832	0.0874085	2.64469	2.64469	0.607083	0.765414	-1.30648	0.190723	0.489635	-2.04234	0.513207	0.71052	-1.40742	0.700028	1.22083	1.22083	0.806862	0.881403	-1.13455	0.434712	0.663129	1.508	1.89703	2.98077	1.73954	1
cg21736494	WDR60;WDR60	0.189861	0.669953	1.05979	1.05979	0.0471686	1.3602	1.3602	0.0788255	1.49163	1.49163	0.212976	1.29615	1.29615	0.4317719	1.15481	1.15481	0.243802	1.21579	1.21579	0.150881	1.4117	1.4117	1.2612	0.13823	0.111221	1.26492	1.26492	1.242968	0.2686896	1.16886	1.16886	1.89703	0.551172	0.253262	1
cg24440438	CENPL;CENPL;CENPL;CENPL;DARS2;CEN PL	0.189861	0.618164	0.877128	-1.14008	0.978021	1.00721	1.00721	0.432749	1.23228	1.23228	0.0503858	0.558855	-1.78937	0.387996	0.793873	-1.25965	0.796251	1.06984	1.06984	0.0123434	0.4436514	-2.25421	0.736659	0.915712	-1.09205	0.767691	0.925628	-1.08035	1.89703	2.04497	0.958213	1
cg26118713	EZH2;EZH2	0.189862	0.0746686	0.766625	-1.30442	0.254436	0.8527655	-1.17266	0.763936	1.04114	1.04114	0.944315	0.9906094	-1.00939	0.919208	0.986512	-1.01367	0.910206	1.01521	1.01521	0.0726175	0.7648843	-1.30746	0.0584055	1.3314	1.3314	0.447346	1.10922	1.10922	1.89702	0.5382118	0.252193	1
cg04010950	C21orf88;C21orf88	0.189862	0.758633	0.946615	-1.0564	0.606895	1.08875	1.08875	0.866023	1.02805	1.02805	0.737116	1.05675	1.05675	0.505705	1.11699	1.11699	0.592338	1.09259	1.09259	0.010141	0.587826	-1.70118	0.171839	1.26909	1.26909	0.457278	1.13204	1.13204	1.89702	0.80646	0.377885	1
cg23375948	MAD1L1;MAD1L1;MAD1L1	0.189873	0.669434	1.18588	1.18588	0.207974	0.6659592	-2.00071	0.0504556	1.98233	1.98233	0.158242	1.13038	1.13038	0.0178402	0.7248488	-1.38007	0.8805718	0.471659	0.471659	0.0140833	0.1916552	-2.55329	0.097228	0.998622	-1.00138	0.189696	0.4743	2.21858	1
cg12469475	BMPER LOC100132215;EHBP1;EHBP1;EHBP1;E	0.189877	0.660284	1.066	1.066	0.385006	0.879228	-1.13736	0.533354	0.912899	-1.09541	0.192585	1.22054	1.22054	0.0161254	1.53028	1.53028	0.0954021	1.30311	1.30311	0.658459	1.0664	1.0664	0.594252	0.9182	-1.08909	0.832852	1.03101	1.03101	1.89696	0.62743	0.294007	1
cg15774864	HBP1	0.189878	0.216497	2.1709	2.1709	0.343154	1.78974	1.78974	0.350061	1.77412	1.77412	0.16002	2.44667	2.44667	0.222221	2.14814	2.14814	0.111909	2.80608	2.80608	0.0123278	6.40689	6.40689	0.0922361	3.01795	3.01795	0.200208	2.24007	2.24007	1.89694	10.6726	5.00111	1
cg23448096	LYSMD4	0.189879	0.336155	1.34159	1.31459	0.863585	1.04857	1.04857	0.881107	0.959562	-1.04234	0.431125	0.80122	-1.2481	0.119078	0.627154	-1.5945	0.296047	1.3483	1.3483	0.0613536	0.5501213	-1.78852	0.0761195	1.72345	1.72345	0.542769	1.18521	1.18521	1.89693	2.28538	1.07091	1
cg18858976	PET117;CSRP2BP	0.189887	0.614621	1.19382	1.19382	0.624802	1.91647	1.91647	0.0818393	3.54002	3.54002	0.0127416	1.88273	1.88273	0.0729416	1.763118	-1.31041	0.0123935	1.40097	1.40097	0.0144007	0.936639	0.988309	0.101184	0.855063	0.975583	-1.02502	0.0178247	0.7795	1.09504	1.00436	0.103812	1.271777	1.2377	1.89704	0.5048853	0.257174	1
cg24740691	FAM20C	0.189888	0.104775	2.19069	2.19069	0.553617	0.767164	-1.3035	0.995488	1.0025	1.0025	0.630718	1.23893	1.23893	0.88714	0.9391016	-1.06483	0.635177	0.870057	-1.14935	0.00903348	0.380398	-2.62882	0.253902	0.706811	-1.4148	0.544774	0.836515	-1.19544	1.89704	2.54836	1.19408	1
cg23790567	MIB1;MIB;MIB	0.189888	0.112642	1.69713	1.69713	0.434457	0.5073	1.97073	0.253788	0.780239	-1.28166	0.872287	0.9669449	-1.03418	0.318864	0.806303	-1.24014	0.547253	0.734753	1.36098	0.0263114	0.4172	2.39753	0.108157	0.633581	1.57866	0.0266	0.7475	1.33798	1.89705	1.19157	1.33108	0.414988	1.2122	0.614444	1
cg01240047	TTC7B	0.189889	0.490376	1.0952	1.0952	0.950919	0.992042	-1.00802	0.146044	1.22454	1.22454	0.157705	1.21664	1.21664	0.0196459	1.07324	1.07324	0.664106	0.85835	1.05835	0.2206	1.18195	1.18195	0.0103035	1.52137	1.52137	0.092604	1.27155	1.27155	1.89688	1.50618	0.237199	1
cg03647619	CES2;CES2	0.18989	0.478234	0.635835	-1.57273	0.0624482	0.267939	-3.73219	0.878603	1.10075	1.10075	0.995531	1.00352	1.00352	0.0220782	0.17835	-5.60694	0.382433	1.0974	1.0974	0.23191	2.19777	2.19777	0.72242	1.25109	1.25109	0.23203	0.455108	-2.19728	1.89688	11.8503	5.55312	1
cg19573715	OCA2	0.189889	0.670334	1.08242	-1.12582	0.828222	2.71	2.71	0.0727146	4.54561	4.54561	0.0188186	1.54644	1.54644	0.0178402	0.7248488	-1.38007	0.411834	1.19435	1.19435	0.0137867	2.46321	2.46321	0.440172	1.28304	1.28304	0.074095	0.989771	-1.01033	1.89688	3.01212	1.61446	1
cg23291145	LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMC H1	0.189891	0.0722152	0.324213	-3.08439	0.188531	2.18608	2.18608	0.292183	1.8469	1.8469	0.663242	0.781955	-1.27885	0.0151651	0.288127	3.47069	0.413518	0.625448	-1.59885	0.433712	0.637321	-1.56906	0.283047	0.499918	-2.00033	0.244896	0.505176	-1.97951	1.89687	9.46738	4.43649	1
cg06495763	SLC22A18;SLC22A18;SLC22A18AS	0.189897	0.0507418	0.307618	-3.25079	0.443946	0.661423	-1.51189	0.628404	0.77237	-1.29472	0.297857	0.564646	-1.77102	0.0312319	0.262182	-3.81414	0.194942	0.483796	-2.06699	0.0917277	0.381252	-2.62294	0.0471172	0.300211	-3.33099	0.415243	0.643365	-1.55433	1.89684	8.42672	3.94889	1
cg19397489	GLTP02	0.189898	0.0439661	0.32833	-3.04613	0.0740684	3.19715	3.19715	0.0182229	2.31813	2.31813	0.417908	1.62145	1.62145	0.0179458	0.616911	-1.62099	0.543023	0.698343	-1.43158	0.2716051	0.5132661	-1.94859	0.489215	0.907	1.107	0.418757	1.61996	1.61996	1.89683	10.2411	4.79087	1
cg02418175	INPP5A	0.18989	0.407443	0.612605	-1.63237	0.0120791	0.5578139	-1.61803	0.0414143	0.756642	-1.32164	0.0677	1.38949	0.9406111	0.10403	0.5893957	0.988183	0.0109103	0.762935	-1.31417	0.877222	0.9144481	-1.09352	0.9012061	0.6201056	-1.66374	0.598402	1.35981	1.35981	1.89683	1.40731	1
cg16822540	TNMD;TNMD	0.189901	0.249573	0.480517	-2.08109	0.39416	0.587683	-1.7016	0.266278	0.493876	-2.0248	0.6645803	0.282404	-3.54102	0.0340161	0.221561	-4.51343	0.165289	0.406009	-2.461	0.911031	0.934188	-1.07045	0.453832	0.628314	-1.59156	0.0287696	0.207899	-4.81003	1.89682	11.1435	5.22209	1
cg20155050	PYN	0.189904	0.113755	1.32469	1.32469	0.867424	1.38243	1.38243	0.135052	1.37523	1.37523	-1.28993	0.8353082	0.75726	0.0356	1.0356	1.0356	0.324193	1.17459	1.17459	0.0216706	1.07906	1.07906	0.0510098	1.42081	1.42081	0.327206	1.17336	1.17336	1.89681	0.795211	0.351585	1
cg03962809	CFLAR;CFLAR;CFLAR	0.189908	0.0749138	0.360145	-2.77666	0.862823	1.03912	1.03912	0.319785	1.69778	1.69778	0.228707	0.521833	-1.91632	0.410099	0.648102	-1.54297	0.128404	0.23064	2.33064	0.0653498	0.3447	-2.90107	0.311039	0.582959	-1.71539	0.521112	0.715446	-1.39773	1.89678	7.96323	3.73181	1
cg07002621	GSorf204;SRD5P3;GSorf204	0.189909	0.743711	1.18544	1.18544	0.364806	1.62307	1.62307	0.526514	1.39481	1.39481	0.732535	1.39481	1.39469	0.0077478	2.169507	-1.89946	0.900417	1.06707	1.06707	0.90966	1.72485	1.72485	0.883313	0.926675	-1.07913	0.777026	0.863102	-1.15861	1.89678	8.07708	3.78517	1
cg20023259	PITX3	0.189911	0.156822	0.568173	0.568173	0.0499702	0.648459	0.648459	0.128505	1.41271	1.41271	0.0696018	0.7358	0.7358	0.179958	0.4235	2.36111	0.182664	0.337769	0.337769	0.0127908	0.4227	0.4227	0.0892136	0.510641	0.510842	0.0778824	0.39973	0.39973	1.89677	22.2543	10.4291	1
cg01444668	NRBP1	0.189914	0.0302832	0.501898	-1.99244	0.975285	0.99165	-1.00842	0.948545	0.982684	-1.01762	0.924134	0.973652	-1.02706	0.241147	0.71741	-1.3939	0.860678	0.953564	1.0487	0.953162	1.01665	1.01665	0.0316028	1.97814	1.97814	0.598193	0.865938	-1.15482	1.89675	2.20071	1.03133	1
cg13975098	RGS10	0.189918	0.0211322	0.279776	-3.57463	0.13655	1.53955	1.53955	0.0938498	0.661278	-1.51789	0.0594818	1.43296	1.43296	0.0886484	0.698273	-1.43196	0.263525	0.13622	0.13622	0.0264451	0.5308	1.9508	0.0125256	1.64049	1.64049	0.0604451	0.59378	0.59378	1.89675	1.5179	0.30099	1
cg20980960	INF2;INF2	0.189918	0.329313	1.33718	1.33718	0.635554	0.871284	-1.14773	0.0519173	1.89331	1.89331	0.0424824	1.9626	1.9626	0.616349	1.15696	1.15696	0.644015	0.874329	-1.14373	0.0500826	1.90556	1.90556	0.664089	0.885158	-1.13441	0.673155	1.13026	1.13026	1.89673	2.50226	1.17267	1
cg16699354	ALK	0.189921	0.264703	0.639604	-1.56347	0.369327	1.42541	1.42541	0.121958	0.524935	-1.905	0.42687	0.732058	-1.36601	0.939952	0.971452	-1.02939	0.15725	0.559061	-1.78871	0.0126041	0.3503446	-3.29547	0.896443	0.95117	-1.05134	0.995667	0.997914	-1.00209	1.89672	4.43988	2.08073	1
cg10268144	MIR654;MIR378B;MIR378C;MIR378A2	0.189923	0.353822	0.816012	-1.22547	0.997273	0.999272	-1.00073	0.438904	1.18326	1.18326	0.883961	1.03162	1.03162	0.106047	0.68644	-1.45679	0.0423406	0.607513	-1.64606	0.0722193	1.53363	1.53363	0.437106	0.844544	-1.18407	0.582847	0.888497	-1.1255	1.89671	1.36463	0.63953	1
cg24586369	USF2;USF2	0.189924	0.131003	1.60529	1.60529	0.0264225	1.48341	1.4041	0.0859908	0.656785	-1.04537	0.0424955	1.10956	1.10956	0.0109156	1.577457	-1.17373	0.139911	0.607945	-1.64483	0.143319	0.4375387	-2.28526	0.900547	1.03925	1.03925	0.573956	1.83959	1.83959	-1.19117	1.8967	2.84861	1.335	1
cg03518417	ESPN CDL1341;CDL1341;CDL1341;CDL1341; CDL1341;CDL1341;CDL1341;CDL1341;	0.189926	0.0587001	0.81731	0.81731	0.668055	0.7006669	-1.42721	0.282844	2.50969	2.50969	0.182133	3.21457	3.21457	0.153362	0.283467	3.52775	0.556658	1.63268	1.63268	0.428032	0.513133	-1.94881	0.837051	0.84712	0.847712	0.316712	1.34789	1.34789	1.89669	20.425	9.57221	1
cg00721281	CDL1341;CDL1341;CDL1341;CDL1341	0.189928	0.265655	0.624304	-1.60178	0.916019	1.04345	1.04345	0.353418	0.678549	-1.47373	0.0304902	0.35604	-2.80867	0.619065	0.836374	-1.19564	0.989131	0.994483	-1.00555	0.202765	0.322845	-3.09747	0.153689	0.514669	-1.87032	0.223716	0.595039	-1.68065	1.89668	4.95525	2.3223	1
cg04085614	PPIX	0.189933	0.0863093	0.839637	-1.19097	0.0747274	0.6514224	-1.5453	0.0819525	0.7351	-1.36015	0.0581353	0.7285	-1.37243	0.0615264	0.7285	-1.37243	0.0150509	0.704224	-1.42019	0.0195537	0.710527	-1.40827	0.0204309	0.656648	-1.52302	0.0176424	0.649457	1.04309	0.138539	0.863182	-1.15851	0.1665	0.25572	0.119846	1
cg25655482	HDAC4	0.189934	0.932881	1.01638	1.01638	0.121137	0.723114	-1.38291	0.196942	1.301	1.301	0.515118	0.880461	-1.13577	0.735908	1.06748	1.06748	0.797331	1.05089	1.05089	0.0172653	1.74977	1.74977	0.373868	0.838557	-1.19252	0.90559	0.977374	-1.02315	1.89665	1.11763	0.523792	1
cg13703070	NR4A3;NR4A3;NR4A3	0.189935	0.46795	1.27754	1.27754	0.74862	1.12458	1.12458	0.953273	1.0273	1.0273	0.818472	1.07921	1.07921	0.0289443	1.12416	1.12416	0.009026	0.532644	1.14622	0.0144874	1.29774	1.29774	0.0178116	1.11428	1.11428	0.262986	1.47253	1.47253	1.89664	3.8306	1.54403	1
cg16807097	COQ10A;COQ10A;COQ10A	0.189939	0.57271	1.27608	1.27608	0.680543	0.840699	-1.18949	0.464266	1.37519	1.37519	0.974236	1.01091	1.01091	0.473465	0.732096	-1.36594	0.762173	1.13862	1.13862	0.0204842	0.302918	-3.30123	0.18209	0.83265	1.83265	0.111602	2.08841	2.08841	1.89662	1.4953	2.57548	1
cg19835595	GAP43;GAP43	0.189941	0.178557	0.377221	-2.65096	0.0441653	4.84126	4.84126	0.0233848	6.34574	6.34574	0.660136	1.35236	1.35236	0.954223	1.03994	1.03994	0.425552	1.74203	1.74203	0.962681	0.985302	-1.01492	0.868924	1.11925	1.11925	0.77879	0.82523	-1.21178	1.89661	13.9771	6.55065	1
cg19904653	BRF2	0.189942	0.368775	1.53008	1.53008	0.88646	0.9239	-1.08249	0.0549	0.8202	-1.21971	0.438117	0.580539	-1.72273	0.0482019	0.5814697	-1.7199	0.555844	0.663896	-1

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T 047 vs. N)	Ratio(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T 057 vs. N)	Ratio(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T 127 vs. N)	Ratio(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T 127 vs. N)	Ratio(121T vs. N)	Fold-Change(1 vs.121T)	p-value(5437 vs. N)	Ratio(5437 vs. N)	Fold-Change(1 vs.5437)	p-value(5353T 537 vs. N)	Ratio(5353T vs. N)	Fold-Change(1 vs.5353T)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
cg11401568	ALDH3A1;ALDH3A1	0.19009	0.0416139	0.728317	-1.37303	0.292663	3.41674	0.158474	0.298921	3.34626	0.864766	-1.15638	0.475843	2.10279	1.10279	0.70862	1.41097	1.05197	0.95031	0.752265	0.958164	-1.04366	0.102073	0.795852	-1.2725	0.972024	0.995279	-1.00474	0.124722	1.25145	1.89585	0.54686	0.256401	1
cg01132653	MIR299;MIR411	0.190094	0.870611	0.91699	-1.09053	0.904278	0.908146	-1.06605	0.660471	0.324446	-3.08218	0.467564	0.675056	-1.48136	0.125659	2.40753	2.40753			0.351179	1.66545	0.285546	1.80357	1.803572	0.123823	0.412288	-2.42549	0.178255	0.467486	-2.1391	1.89583	0.48564	3.97862	1
cg03587887	TDRD6;TDRD6	0.190096	0.766847	0.91868	-1.08852	0.226169	1.43695	1.43695	0.0222344	0.457602	-2.18531	0.214098	0.688576	-1.45227	0.252032	1.40681	1.40681			0.944227	1.02016	1.02016	0.287828	0.729942	-1.36997	0.884773	1.04223	1.04223	0.332644	1.32988	1.32988	1.89582	2.44319	1.14553	1
cg16504019	ERI2;ERI2;LOC81691;LOC81691	0.190099	0.615462	1.07701	1.077201	0.242244	1.19637	1.19637	0.0817808	1.32651	1.32651	0.04958442	1.70203	-1.38845	0.343641	2.86683	-1.15363			0.340179	0.805885	-1.15458	0.288784	1.17506	1.17506	0.859437	1.02651	1.02651	0.348399	1.15192	1.15192	1.8958	0.644365	0.302125	1
cg18638769	PACS2;PACS2	0.190101	0.582228	1.46298	1.462698	0.295081	2.10346	2.10346	0.152441	2.85656	2.85656	0.134072	3.02355	3.02355	0.396613	0.550419	-1.8168			0.648506	1.36927	1.36927	0.0165231	1.4291	1.74291	0.116812	3.21166	3.21166	0.290938	2.118	2.1858	1.94798	14.0709	0.60171	1
cg24148817	C6orf120	0.190102	0.212149	0.449469	-2.22475	0.412021	0.600285	-1.66588	0.77805	1.1876	1.1876	0.555544	0.560879	-1.78292	0.879845	0.318012	-3.14611			0.195321	0.43458	-2.30107	0.0225827	0.188846	-5.26742	0.054797	0.264584	-3.77951	0.202363	0.448688	-2.26815	1.89579	11.1157	5.21187	1
cg01500135	NUS1	0.190103	0.570055	0.802431	-1.24621	0.108545	1.95667	1.95667	0.0429292	2.44333	2.44333	0.678391	1.17339	1.17339	?	?	?			?	?	?	0.151019	0.55428	-1.80414	0.613958	1.21537	1.21537	0.45634	1.33764	1.33764	1.92015	3.47708	2.07006	1
cg19137651	AHNAK;AHNAK	0.190103	0.11698	0.759715	-1.31628	0.301525	1.18856	1.18856	0.186496	1.09539	1.09539	0.144648	0.776594	-1.28767	0.26475	0.82897	-1.20632			0.90918	0.981754	-1.01859	0.916707	1.26278	1.26278	0.6579068	1.19167	1.19167	0.709481	1.06225	1.06225	1.89578	0.781004	0.166616	1
cg05107429	UBE4A;UBE4A	0.190103	0.686882	1.3414	1.3414	0.0320297	1.67622	1.67622	0.0510595	1.50575	1.50575	0.525337	1.59441	1.59441	0.895021	1.11042	1.11042			0.303977	0.462244	-2.16336	0.262058	0.428419	-2.33416	0.824205	0.85107	-1.17499	0.295115	1.92677	2.19677	1.89578	15.774	7.39608	1
cg01522425	RFTN1	0.190111	0.264052	1.54998	1.54998	0.50524	1.28981	1.28981	0.384332	1.39902	1.39902	0.52001	0.782747	-1.27755	0.0547528	2.27081	2.27081			0.714937	1.14807	1.14807	0.0111124	3.31476	3.31476	0.841022	1.07853	1.07853	0.423521	1.36031	1.36031	1.89574	4.25463	1.99464	1
cg17164443	ARHGEF10	0.190113	0.0836709	1.07139	1.071393	0.153705	1.55705	1.55705	0.0257253	1.44814	1.44814	0.0995041	1.77577	-1.26574	0.0645724	1.58241	1.58241			0.877248	1.05201	1.05201	0.0543813	1.53564	1.53564	0.853707	0.908358	1.10035	0.0443813	1.55953	1.55953	1.89574	3.01887	1.42208	1
cg13932286	HIP1;HIP1	0.190113	0.983338	0.994121	-1.00591	0.258116	0.71665	-1.39538	0.136073	0.635403	-1.5738	0.575758	0.852463	-1.17307	0.0532734	0.53798	-1.85881			0.485798	0.818759	-1.22136	0.110976	0.612461	-1.63276	0.907765	1.03326	1.03326	0.0182106	0.446513	-2.24653	1.89573	2.39343	1.12226	1
cg01157602	IFRD1;IFRD1	0.190115	0.21305	3.97185	3.913851	0.0214748	2.61568	2.61568	0.2859382	3.11669	3.11669	0.0706707	8.57924	8.57924	0.200841	4.58497	4.58497			2.7183	3.9185	3.9185	0.136	5.1889	5.1889	0.18896	4.50448	4.50448	0.1020329	6.573815	6.573815	2.10437	29.4201	10.4854	1
cg25328121	FGD5	0.190117	0.4590092	1.19936	1.199361	0.102549	1.5385	1.5385	0.1997202	1.54284	1.54284	-1.84522	0.5521227	1.01458	1.01458	0.172059	0.7043401	-1.41985		0.850421	0.955494	-1.04658	0.198265	0.720443	-1.38803	0.810497	1.05964	1.05964	0.492526	1.18304	1.18304	1.89571	1.74602	0.818699	1
cg04086443	PHGDH	0.190117	0.574188	1.1171	1.1171	0.803564	0.952552	-1.04981	0.0690123	1.48716	1.48716	0.140282	1.36268	1.36268	0.999163	1.0002	1.0002			0.396743	1.18443	1.18443	0.0273449	1.66398	1.66398	0.302484	1.20109	1.20109	0.0460354	1.56197	1.56197	1.89571	1.1422	0.535573	1
cg05133165	PES1	0.190121	0.796737	1.05156	1.051556	0.686656	1.44169	1.44169	0.0112153	1.85692	1.85692	0.882767	1.05916	1.05916	0.577772	1.11575	1.11575			0.60259	1.902737	-1.10774	0.620458	0.907344	-1.10212	0.389323	0.842117	-1.18748	0.946369	1.08682	-1.01319	1.8957	1.13913	0.534134	1
cg09814551	SPINLW1;SPINLW1;SPINLW1	0.190121	0.48217	1.84863	-1.17837	0.271572	1.3008	1.3008	0.241072	1.32575	1.32575	0.234616	0.751069	-1.33143	0.565024	0.8748896	-1.14299			0.159989	0.708256	-1.41192	0.228625	0.748027	-1.33685	0.0943147	1.52592	1.52592	0.184587	1.38174	1.38174	1.89569	1.58505	0.743232	1
cg05808419	OPCML;OPCML	0.190123	0.122353	0.456659	-2.18982	0.397388	0.666353	-1.50031	0.383198	0.657096	-1.51986	0.2912654	0.418661	-2.38857	0.0476968	0.378739	-2.64034			0.715976	1.18656	1.18656	0.0457132	0.342204	-2.91224	0.952358	1.02824	1.02824	0.0756545	0.396254	-2.52363	1.89568	6.57975	3.08526	1
cg07210263	PBDX1;PBDX1	0.190125	0.121631	1.558834	1.558834	0.362628	1.29886	1.29886	0.247259	1.40227	1.40227	0.289624	1.35957	1.35957	0.241165	1.40902	1.40902			0.041697	0.518853	-1.92733	0.92212	1.0277	1.0277	0.35196	0.765143	-1.30695	0.338504	1.31764	1.31764	1.89567	2.14482	1.0995	1
cg00951204	INPP5A	0.190134	0.0608176	0.329792	-3.03222	0.308917	0.575375	-1.738	0.939221	0.960764	-1.04084	0.733626	1.19637	1.19637	0.0115623	0.190622	-5.24597			0.239005	0.523477	-1.9103	0.738749	1.19206	1.19206	0.820599	0.887609	-1.12662	0.455879	0.671247	-1.48976	1.89562	8.27138	3.87858	1
cg27013063	CSNK1G3;CSNK1G3;CSNK1G3	0.190142	0.269105	1.45172	1.45172	0.096648	0.553948	-1.80522	0.337933	0.726197	-1.37704	0.0850821	0.539764	-1.85266	0.14792	0.604872	-1.65324			0.729381	0.893619	-1.11905	0.222645	1.51445	1.51445	0.55555	1.213	1.213	0.329248	1.38556	1.38556	1.89559	3.149	1.47665	1
cg05691004	SPATS2L;SPATS2L;SPATS2L	0.190144	0.112502	0.399823	-2.50111	0.636941	0.777048	-1.28692	0.161826	0.452662	-2.20915	0.345962	0.597513	-1.6736	0.0144593	0.20209	-4.94828			0.863083	0.911251	-1.09739	0.106012	0.39191	-2.5516	0.209706	0.495864	-2.01668	0.11276	0.400133	-2.49917	1.89558	8.45179	3.96328	1
cg07313441	C	0.190145	0.27725	1.444824	-2.24808	0.42254	1.79906	1.79906	0.950384	0.956373	-1.04562	0.323774	0.481646	-2.07621	0.0610094	0.220119	-4.543			0.0996436	0.274274	-3.64599	0.0206001	0.134744	-7.42147	0.605746	0.688497	-1.45244	0.564518	0.658673	-1.5182	1.89557	15.4274	7.23436	1
cg05017990	LOC285550	0.190147	0.137025	1.127711	1.127711	0.732883	1.17428	1.17428	0.387207	1.14762	1.14762	0.215199	2.12429	2.12429	0.0127248	2.59268	2.59268	0.0199163	5.06752	5.06752	0.0153421	4.12617	4.12617	1.89556	10.0132	4.69553	1
cg00432979	MRPS3;MRPS3;SKA3;SKA3	0.190154	0.960189	1.01639	1.01639	0.172224	1.60529	1.60529	0.326827	1.3906	1.3906	0.376573	1.34389	1.34389	0.310046	0.710231	-1.40799			0.737773	1.11567	1.11567	0.065972	0.510723	-1.95801	0.0983762	1.80481	1.80481	0.132873	1.69585	1.69585	1.89552	3.18537	1.49375	1
cg05672826	KCNC2	0.190157	0.666154	1.12107	1.12107	0.586024	1.33649	1.33649	0.0936264	1.36272	1.36272	0.136079	1.33773	1.33773	0.0247235	1.64342	1.64342	-1.02894		0.187157	1.09272	1.09272	0.0457646	1.31763	1.31763	0.115495	1.00393	1.00393	0.975375	1.00568	1.00568	1.89551	2.58178	1.42414	1
cg19621008	LOC154822	0.190158	0.074548	1.313399	-1.61041	0.391943	2.44986	2.44986	0.294142	3.03931	3.03931	0.43977	2.2366	2.2366	0.0302824	0.0741295	-13.4899			0.556394	1.83633	1.83633	0.698564	1.48818	1.48818	0.352463	0.376255	-2.65777	0.596301	0.579168	1.72661	1.8955	11.3316	5.16928	1
cg06163425	EBF3	0.190161	0.478929	0.759325	-1.25956	0.863793	0.946441	-1.05659	0.874104	1.05215	1.05215	0.6490516	1.15822	1.15822	0.380847	0.749632	-1.33399			0.656489	1.15432	1.15432	0.0122313	0.367625	-2.72016	0.1502	0.609737	-1.64005	0.245332	1.47636	1.47636	1.89549	3.08551	1.44695	1
cg26688817	ABCB4;ABCB4;ABCB4	0.190164	0.2429861	0.597834	-1.67273	0.67275	1.12058	-1.2142	0.624829	1.24363	1.24363	0.0058	0.647249	1.23063	-1.54523	0.0731341	-1.4685	0.428172	2.33563	0.647249	1.54447	0.428172	2.33563	0.0731341	-1.36095	0.487547	0.647525

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. 347 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 477 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg08862109	NHSL2;NPSNP11	0.190448	0.679689	1.25394	1.25394	0.6609859	0.923347	-3.10224	0.187967	0.464967	-2.15069	0.420363	0.61819	-1.56693	0.02373708	0.22718	-2.40173	0.276426	1.86147	1.86147	0.620426	1.31523	1.31523	0.633579	0.768288	-1.9316	0.9075911	0.938254	-1.60581	1.89402	0.03681	4.24111	1
cg04163696	RPTOR;RPTOR	0.190449	0.336974	1.42317	1.42317	0.31321	1.45041	1.45041	0.260007	0.657851	-1.52019	0.618562	0.836165	-1.19594	?	?	?	0.108337	1.8672	1.8672	0.975471	0.981169	-1.01919	0.03150608	2.45741	2.45741	0.201821	1.6168	1.6168	1.905	3.40799	1.78807	1
cg06241374	CCDC85A	0.19045	0.121335	2.89565	2.89565	0.3604111	1.813335	1.813335	0.847388	1.12971	1.12971	0.282201	0.02867	2.02867	0.9446553	0.957004	-1.04493	0.10947	3.01816	3.01816	0.0215568	5.73793	5.73793	0.169711	2.52405	2.52405	0.058532	3.86841	3.86841	1.81901	12.0192	5.64083	1
cg06042197	SAMACE1;SMARCE1	0.190451	0.0940728	1.46973	1.46973	0.0290159	1.7132	1.7132	0.355677	1.23987	1.23987	0.832208	0.164538	1.04538	0.2373115	0.771845	-1.2956	0.460672	1.09626	1.09626	0.1220011	0.835308	-1.19716	0.66922	0.954333	-1.04785	0.0503168	1.27067	1.27067	1.88994	0.345771	0.162281	1
cg02873421	MRE11A;MRE11A	0.190458	0.30605	0.776448	-1.28792	0.646068	0.609282	-1.64128	0.087904	0.637825	-1.56783	0.709014	0.189603	1.09363	0.0268478	0.534688	-1.87025	0.611029	1.1928	1.13028	0.143549	0.825583	-1.21127	0.554786	1.15331	1.15331	0.651077	0.896995	-1.11483	1.89397	1.70996	0.802528	1
cg06049376	OLA1;OLA1	0.190459	0.00388639	0.411444	-2.43046	0.510273	0.858522	-1.16479	0.599066	0.88588	-1.12882	0.948071	0.985233	-1.01499	0.37818	0.813411	-1.22939	0.46864	0.845006	-1.18342	0.81139	0.946861	-1.05612	0.687791	0.91186	-1.09666	0.952514	1.0317	1.0317	1.89196	1.56486	0.734434	1
cg08333238	ZFPM1	0.19046	0.998389	0.99974	-1.00026	0.4691407	1.09955	1.09955	0.790195	0.966225	-1.03496	0.0731833	1.29335	1.29335	0.45641	0.906892	-1.10267	0.539821	1.08326	1.08326	0.012969	1.48782	1.48782	0.624102	0.938344	-1.06571	0.6522299	0.943235	-1.06018	1.89396	0.4979887	0.23372	1
cg04447123	RHOBTB2;RHOBTB2;RHOBTB2	0.190463	0.0832112	1.22865	1.22865	0.321228	0.895806	-1.1151	0.874411	1.01671	1.01671	0.602301	0.458027	1.09256	0.249128	1.113803	1.113803	0.406072	1.09626	1.09626	0.1220011	0.835308	-1.19716	0.66922	0.954333	-1.04785	0.0503168	1.27067	1.27067	1.88994	0.345771	0.162281	1
cg11739399	IKBKE	0.190468	0.209585	0.661379	-1.51199	0.407519	1.30327	1.30327	0.0794375	0.540779	-1.83797	0.990542	0.996301	1.00371	0.0413094	0.479116	-1.08718	0.292	1.40749	1.40749	0.7242417	1.11711	1.11711	0.748511	0.904329	-1.10579	0.124555	0.594594	-1.68182	1.89392	2.93166	1.37594	1
cg02114084	JDP2;JDP2;JDP2 SNRPN;SNRPN;SNRPN;SNRPN;SNURF;SNURF	0.190474	0.570545	0.768632	-1.30101	0.387631	1.5015	1.5015	0.196743	1.87103	1.87103	0.689934	1.20211	1.20211	0.170212	0.511444	-1.95525	0.478832	0.718574	-1.39164	0.0197576	0.274668	-3.64076	0.284762	0.600472	-1.66536	0.378987	0.6608	-1.51332	1.89389	6.32013	2.96633	1
cg13073261	NURF;SNRPN	0.190476	0.177121	0.358167	-2.79199	0.0975639	0.272223	-3.67346	0.181385	0.362218	-2.76077	0.482205	0.599756	-1.66735	0.0583726	0.216269	-4.62386	0.147961	0.329261	-3.0371	0.902835	1.09135	0.0284734	0.157163	-6.36284	0.154617	0.336064	-2.97563	1.89387	15.3656	7.21184	1
cg08906194	CNTFR;LOC415056;CNTFR	0.190477	0.247351	0.841193	-1.18897	0.303655	0.860506	-1.16211	0.333766	0.868351	-1.15094	0.345531	0.974589	-1.02607	0.150377	0.804617	-1.24283	0.016768	1.50929	1.50929	0.59249	0.926644	-1.07916	0.907252	0.983748	-1.01652	0.993562	0.998863	-1.00114	1.89387	0.556443	0.279941	1
cg04795713	HLF;HLF	0.190478	0.0355718	0.0808762	-12.3646	0.107064	0.09974	0.09974	0.963455	0.990661	-1.07451	0.924564	0.90734	1.10224	?	?	?	?	?	?	0.352181	0.373772	-2.67543	0.74572	0.715723	-1.39719	1.93444	21.5799	14.8741	1
cg23541619	SH3BP5	0.190479	0.979555	0.991364	-1.00871	0.1636011	0.490366	-2.03929	0.015267	0.364858	-2.74079	0.834395	0.931595	-1.07343	0.312292	0.702038	-1.42442	0.22275	1.54287	1.54287	0.631044	0.84892	-1.17797	0.807458	0.920683	-1.08615	0.632892	0.849696	-1.17689	1.89386	3.436	1.6127	1
cg06812844	TRPM2	0.190479	0.027425	2.03957	2.03957	0.1588	0.614436	-2.38104	0.0178	0.344636	-2.90154	0.843003	0.923549	-1.08251	0.2979	0.91846	-1.08954	0.675159	1.72664	1.72664	0.1266	0.658624	0.78183	-1.27905	0.12166	0.395028	-2.53146	0.068154	0.322838	-3.09753	0.53995	0.70931	-1.40982	1.89386	1.9303	4.3135	1
cg18576318	CHKA;CHKA	0.1908	0.724093	1.39831	1.39831	0.544411	0.567987	-1.7606	0.523534	0.54251	-1.84328	0.211944	0.288284	-3.46881	0.0119536	0.0514733	-19.4275	0.11505	0.197718	-5.05772	0.694079	0.6880919	-1.45345	0.425058	2.161	2.161	0.607665	1.63209	1.63209	1.89386	26.8397	12.5973	1
cg06947514	SLC2A13	0.190481	0.073797	0.492658	-2.21927	0.202359	0.583393	-1.7132	0.0383966	0.382881	-2.61178	0.419136	0.787772	-1.39126	0.0990997	0.60541	-1.65161	0.282237	0.639559	-1.56358	0.515872	1.30151	1.30151	0.720038	1.15484	1.15484	0.0558962	0.420486	-2.3782	1.89385	4.79924	2.19255	1
cg00679716	ABHD4;ABHD4	0.190482	0.167382	0.839945	-1.19061	0.266693	1.14699	1.14699	0.604795	1.04209	1.04209	0.0755	0.955755	0.956571	0.923267	-1.08311	0.851039	0.102533	1.02253	1.02253	0.0144847	0.699753	-1.42908	0.491583	1.08631	1.08631	0.320639	1.12932	1.12932	1.89384	0.421271	0.197726	1
cg14402932	COL25A1;COL25A1	0.190483	0.464732	1.77413	1.77413	0.1070305	3.87966	3.87966	0.0441928	5.93707	5.93707	0.849714	1.15738	1.15738	0.0425537	0.165414	-6.04542	0.600394	1.5027	1.5027	0.54966	1.59428	1.59428	0.988801	0.989244	-1.01087	0.885931	0.895297	-1.11695	1.89384	17.8073	8.35801	1
cg19280121	TMEM41;TMEM41;TMEM41	0.190487	0.374831	0.869102	-1.15064	0.205617	0.445552	1.22834	0.684949	1.06424	1.06424	0.971171	0.994469	-1.00561	0.943824	1.027365	1.027365	0.851565	1.02927	1.02927	0.291948	0.846004	-1.18343	0.145862	1.39428	1.39428	1.26428	0.02279	1.52152	1.89382	0.971528	0.333965	1
cg25435643	DPP6;DPP6;DPP6	0.190488	0.516229	0.846264	-1.18166	0.0544281	0.574965	-1.73924	0.0778136	0.608348	-1.6438	0.653538	0.891742	-1.1214	0.796637	1.06768	1.06768	0.575086	1.15446	1.15446	0.0724257	1.662258	1.662258	0.561529	1.165	1.165	0.379549	0.795642	-1.25685	1.89381	1.92897	0.905389	1
cg15927295	TERT;TERT	0.190489	0.128295	0.734002	-1.36253	0.0403313	0.607305	-1.50217	0.0823274	0.665404	-1.50215	0.661256	0.885035	1.01288	0.888492	0.990722	-1.01347	0.658025	1.58209	1.58209	0.0173565	0.833825	-1.19955	0.822436	1.12396	1.12396	0.6546666	0.886251	-1.12855	1.89381	1.91048	0.540409	1
cg17353337	NHSL1	0.190489	0.481958	0.739707	-1.35189	0.10629	0.475175	-2.10449	0.111006	0.2802	0.2802	0.928865	1.03838	1.03838	0.115282	0.4856317	2.05923	0.331367	1.6552212	-1.52622	0.490518	0.744195	-1.34373	0.157804	1.89103	1.89103	0.295107	1.58099	1.58099	1.89381	5.33789	2.50543	1
cg01409158	MARK4	0.190494	0.794239	0.93526	-1.06922	0.1391159	1.50329	0.623385	1.13554	1.13554	0.0830506	0.63464	1.63464	0.65745	0.223848	-1.21382	0.214157	0.715402	-1.39782	0.750451	0.923541	-1.08514	0.0320345	1.90259	1.90259	0.969115	0.990134	-1.00996	1.89378	1.96677	0.923147	1
cg15476474	DHRS7C	0.190495	0.996945	1.00091	-1.00091	0.7705631	0.933019	-1.07179	0.0115763	0.479103	-2.11371	0.371944	0.804431	-1.24305	0.167731	1.4171	1.4171	0.803054	1.16013	1.16013	0.888179	0.967196	-1.03392	0.883949	1.30246	1.30246	0.585679	0.87766	-1.14009	1.89378	1.68579	0.791262	1
cg09214337	CSMD1	0.190495	0.0161384	0.439973	-2.27286	0.453629	0.808212	-1.2373	0.0378989	0.51097	-1.95706	0.75926	0.917835	-1.08952	0.40477	1.26843	1.26843	0.459893	0.810681	-1.23353	0.98791	0.995783	-1.00424	0.746045	1.09488	1.09488	0.754592	0.91625	-1.09341	1.89378	2.33358	1.09532	1
cg15236149	VIP;VIP	0.190496	0.9397314	0.977151	-1.02338	0.2608948	1.08715	1.08715	0.15426	1.55755	1.55755	0.392758	1.35347	1.35347	0.0872776	0.5616	-1.78063	0.129524	1.64961	1.64961	0.2790567	1.41949	1.41949	0.4814	1.24206	1.24206	0.2254303	1.47563	1.47563	1.89376	2.80114	1.13479	1
cg06868382	AFF3;AFF3	0.190505	0.100117	0.617466	-1.61952	0.148529	0.650339	-1.51392	0.375758	1.27416	1.27416	0.969223	0.91038	1.03738	0.382732	1.744043	1.744043	0.103635	1.62108	1.62108	0.160112	0.966181	1.48464	1.48464	0.621455	1.14248	1.14248	0.260062	1.36942	1.36942	1.89372	2.14794	1.00821	1
cg25848060	SL8P	0.190509	0.458601	0.897523	-1.11418	0.0529257	1.37045	1.37045	0.857095	0.974508	-1.02616	0.201671	0.824747	-1.21249	0.502915	0.907195	-1.1023	0.0860488	0.762051	-1.31225	0.232874	0.835931	-1.19627	0.768466	1.0432	1.0432	0.210637	1.208	1.208	1.89371	0.615538	0.288928	1
cg20302881	PRKAR2B	0.190511	0.0292283	0.573196	-1.74452	0.0265204	0.69155	-1.41818	0.144469	0.795251	-1.25704	0.0844	0.90229	-1.10209	0.607721	0.641562	-1.55853	0.140899	0.70939	-1.40955	0.0167116	0.503808	-1.07549	0.366704	0.778118	-1.28515	0.0548003	0.623162	-1.60354	1.8937	1.40965	0.66168	1
cg20467658	LOC254559	0.190514	0.223161	1.73484	1.73484	0.31704	0.640702	-1.56079	0.91644	1.04621	1.04621	0.0266463	0.31034	3.10334	0.257585	1.662381	1.662381	0.774128	1.13184	1.13184	0.208556	1.76935	1.76935	0.23508	1.70855	1.70855	0.0564282	2.53367	2.53367	1.89368	5.55609	2.60802	1
cg17533960	FAM134A	0.190515	0.981108	0.99122	1.00879	0.1538437	0.534637	-1.63464	0.0264994	0.544079	-1.94954	0.684759	0.570573	1.05703	0.886406	0.952349	-1.05002	0.382401	1.10397	1.10397	0.5183	0.71602	1.6923	1.6923	0.0571398	0.5841	1.71214	1.71214	1.18243	1.89368	2.09048	1.10407	1
cg11229513	PRDM14	0.190516	0.875095	1.16672	1.16672	0.202115	3.7683	3.7683	0.452549	2.12508	2.12508	0.389465	0.419497	-2.38381	0.252101	3.24934	3.24934	0.360549	0.39618	-2.5241	0.647681	0.635581	-1.57336	0.0121877	21.6905	21.6905	0.705924	1.45267	1.45267	1.89367	29.0997	13.6594	1
cg25170319	JAKMIP3	0.190518	0.233028	1.83317	1.83319	0.333683	0.616768	-1.62135	0.149928	0.47327	-2.11296	0.773861	1.14984	1.14984	0.102153	0.420213	-2.37974	0.461911	1.4376	1.4376	0.996282	1.00226	1.00226	0.0402628	3.15323	3.15323	0.879332	1.07641	1.07641	1.89367	7.04473	3.30679	1
cg18972180	HLA-DPB2	0.190521	0.251269	0.819138	-1.22091	0.2708	2.3575	2.3575	0.810732	1.20534	1.20534	0.520199	0.60205	1.66025	0.0156153	2.44722	2.44722	0.302219	0.745184	-1.34216	0.471306	0.585289	-1.76901	0.0423894	2.45741	2.45741	0.0225404	-2.44362	0.89367	18.174	8.53089	4
cg02149701	SPHKAP;SPHKAP	0.190521	0.306616	1.60954	1.60954	0.0353926	3.00894	3.00894	0.0832974	2.36818	2.36818	0.930381	1.04008	1.04008	0.196306	1.84853	1.84853	0.157683	1.97259	1.97259	0.040473	2.89817	2.89817	0.113597	2.16878	2.16878	0.348733	1.54311	1.54311	1.89365	6.0644	2.84666	1
cg16717988	CHMP1A;CHMP1A	0.190523	0.103699	0.680729	-1.46859	0.0339159	0.57299	-1.74539	0.0882855	0.63099	1.63099	0.853165	0.60673	1.65973	0.0991364	0.624264	-1.60216	0.374024	1.21255	1.21255	0.634085	0.793	1.10661	0.0907258	1.48169	1.48169	0.164438	0.733101	0.733101	1.89364	0.624808	0.329842	1
cg16805995	RFPL4B	0.190523	0.0878307	0.33543	0.886336	0.195076	1.09576	1.09576	0.429803	1.67415	1.67415	0.0845003	0.38753	0.38753	0.248981	2.15726	2.15726	0.525333	1.50911	1.50911	0.025171	0.548676	0.548676	0.398594	3.16756	3.16756	0.082297	3.42356	3.42356	1.89364	12.2608	5.75532	1
cg18574003	KRT33B	0.190523	0.9944558	1.00166	1.00166	0.0762942	0.624104	-1.6023	0.0253127	0.529591	-1.88825	0.64853	1.11594	1.11594	0.093615	0.64353	-1.55393	0.342806	1.26318	1.26318	0.627292	0.8806616	-1.12408	0.543125	0.863174	-1.15851	0.299965	0.773545	-1.29275	1.89363	1.71381	0.80448	1
cg18020547	SUSD4;SUSD4	0.190526	0.0886513	1.30401	1.30401	0.2117786	2.07625	2.07625	0.0992577	3.03099	3.03099	0.8574654	1.00673	1.00673	0.0991364	0.624264	-1.60216	0.160661	1.75248	1.75248	0.968745	1.02223	1.02223	0.858882	1.14141	1.14141	0.0564247	1.48169	1.48169	0.164438	0.733101	0.733101	1.89364	0.624808	1
cg03871326	TCHP;TCHP	0.190527	0.42835	0.840429	-1.18987	0.229112	0.762357	-1.31172	0.0081885	0.483146	-2.06976	0.910031	1.0246	1.0246	0.984496	0.995831	-1.00419	0.078157	0.656538	-1.52314	0.351381	0.813642	-1.22904	0.34232	0.810301	-1.23411	0.721309	0.925882	-1.08005	1.89361	1.38629	0.650742	1
cg08522257	RAP3B	0.190528	0.0187868	1.53207	1.53207	0.1652	0.302707	-3.30452	0.0136204	0.290455	-3.4455	0.782722	0.904565	1.1055	0.3782222	1.270507	1.270507	0.461748	1.02091	1.02091	0.8604144	0.980104	1.00197	0.9955	1.13809	1.13809	0.2807815	1.30246	1.30246	1.89361	1.68579	0.791262	1
cg24450365	C7orf63;C7orf63	0.190529	0.995443	1.00175	1.00175	0.498778	1.23337	1.23337	0.5353354	0.82552	-1.21136	0.654427	0.871426	-1.14754	0.519371	0.819129	-1.22081	0.203534	0.662338	-1.5098	0.0179835	0.415578	-2.40629	0.400619	0.768893	-1.30057	0.104815	1.71852	1.71852	1.8936	2.79824	1.31354	1
cg23729193	AGAP9;AGAP9	0.190529	0.412464	0.882897	-1.13295	0.1264106	0.909408	-1.09969	0.0927357	0.888458	-1.12497	0.924067	1.20447	1.20447	0.1516353	1.327102	1.327102	0.647027	-1.54553	0.2873	-3.48035	0.1368606	1.75248	1.75248	0.968745	1.02223	1.02223	0.858882	1.14141	1.14141	0.0564247	1.48169	1.48169	0.164438	0.733101	0.733101	1.89364	0.624808	1
cg20640605	PHKA1;PHKA1	0.190531	0.0183706	-1.76761	0.796529	0.197017	1.07917	1.07917	0.907096	1.05303	1.05302	0.0713483	1.81097	1.81097	0.0998239	1.70197	1.70197	0.193485	0.66649	-1.5004	0.875259	0.941047	1.04741	1.04741	0.23657	1.19533	1.19533	0.849957	1.19853	1.89359	2.6076	1.22406	1
cg09567732	HNRNPAB;HNRNPAB	0.190537	0.57842	0.864736	-1.15642	0.0751243	1.67043	1.67043	0.392664	1.25447	1.25447	0.929259	0.977274	-1.02325	0.604645	1.14479	1.14479	0.541942	0.852284	-1.17332	0.0320686	0.521971	-1.91582	0.796085	1.06902	1.06902	0.142928	1.50326	1.50326	1.89356	2.01018	0.943629	1
cg20745835	LOC283505;LOC283505;LOC283505	0.190537	0.438945	0.782421	-1.27836	0.664141	0.873094	-1.14535	0.0570187	0.515218	0.5152539	-1.95107	0.838925	1.19211	0.7361113	-1.33849	0.0774857	0.559538	1.10153	1.10153	0.6998347	0.56407	-1.77283	0.0188715	0.559538	1.10153	0.6998347	0.56407	-1.77283	0.0188715	-2.18521	0.622567	0.857098	-1.16673	1.89356	0.8776	1.36002	1
cg08361671	FBXW11;FBXW11;FBXW11	0.190538	0.250443	0.851353	-1.1746	0.0951061	1.27859	1.27859	0.694129	0.948416	-1.05439	0.147198	1.23175	1.23175	0.956719	0.992754	1.0073	0.596139	1.0743	1.0743	0.374313	0.765235	-1.30679	0.120558	0.798017	-1.25311	0.918178	1.03186	1.03186	1.89356	0.53851	0.252791	1
cg21834497	NES	0.190539	0.30701	0.812254	-1.23114	0.307081	0.812454	-1.23271	0.130253	0.726514	-1.379	0.196178	0.764335	-1.30833	0.201079	0.768819	-1.30049	0.344719	0.625825	-1.21091	0.0270447	0.597671	-1.67316	0.447129	1.16459	1.16459	0.299703	1.29133	1.29133	1.89356	1.72966	0.544331	1
cg18797823	ARHGEF10	0.190542	0.827519	0.912777	-1.05144	0.0731603	1.00776	1.00776	0.912519	0.559245	-1.68565	0.790107	1.06324	1.06324	0.891262	0.960047	-1.03194	0.822527	1.053	1.053	0.0602539	0.651059	-1.53596	0.0394055	1.72941	1.72941	0.902547	1.02656	1.02656	1.89354	1.58472	0.743921	1
cg04133658	IFT122;IFT122;IFT122	0.190546	0.241902	0.431192	-2.31915	0.339156	1.96719	1.96719	0.0390098	5.10956	5.10956	0.791721	0.826337	-1.21016	0.0756465	0.256895	-3.89265	0.70248	0.768301	-1.30157	0.324299	0.490742	-2.03119	0.318607	2.02973	2.02973	0.761778	0.811552	-1.23221	1.89352	14.1445	6.63995	1
cg20742981	LIMK2;LIMK2;LIMK2	0.190551	0.0887398	1.26977	1.26977	0.1939509	0.682451	-1.46516	0.0439002	0.661281	-1.51133	0.4949	0.821566	-1.21731	0.0520199	0.60205	-1.66024	0.202056	1.4242	1.4242	0.0105881	0.2265431	-4.41417	0.0775888	2.0973	2.0973	0.0197871	0.257371	0.885494	1.89349	4.84185	2.79956	1
cg19280572	LSP1	0.190556	0.111071	0.510085	-1.96046	0.303405	0.661408	-1.51193	0.173484	0.570287	-1.7535	0.488648	0.761241	-1.31364	0.286433	0.650973	-1.53616	0.123011	0.527275	-1.89654	0.263456	1.57158	1.57158	0.808164	1.09892	1.09892	0.0284481	0.366838	2.726	1.89347	4.50986	2.11716	1
cg25124708	KLF7	0.190558	0.638934	0.798505	-1.25234	0.0722723	2.599	2.599	0.0503762	2.88516	2.88516	0.831228	0.903369	-1.10697	0.313102	0.647027	-1.54553	0.792242	0.881884	-1.13394	0.362678	0.576427	-1.73482	0.0216057	1.8502	1.8502	0.265115	0.575229	-1.73844	1.89346	0.79882	0.319172	1
cg27506442	LOC101088949	0.190558	0.107135	0.290176	-3.44618	0.730237	1.27571	1.27571	0.651197	1.37736	1.37736	0.650827	0.725758	-1.37787	0.0808954	0.226236	4.42017	0.282046	0.45647	-2.19153	0.0329525	0.172967	-5.78146	0.142135	0.329504	-3.03486	0.73861	0.361343	-2.76745	1.89346	14.8408	6.96705	1
cg02498206	BOC	0.190559	0.605866	0.860527	-1.16208	0.22091	1.44973	1.44973	0.998254	0.779112	-1.28351	0.50755	0.823643	-1.21412	0.0621656	1.81304	1.81304	0.0599273	0.541965	-1.84514	0.175863	1.51491	1.51491	0.759387	0.915159	-1.09271	0.627698	1.15147	1.15147	1.89345	2.49755	1.17249	1
cg18846927	MRVI1;44 TRPC4;TRPC4;TRPC4;TRPC4;TRPC4;TRP	0.190559	0.1374781	0.80106	1.01634	0.1959399	1.31944	1.31944	0.0971302	1.58443	1.58443	0.0966	0.908511	1.08671	0.1546443	1.808	1.808	0.606317	1.08454	1.08454	0.2279	1.808	1.808	0.376084	0.713785	-1.40098	0.764871	0.894637	1.89345	0.711777	0.84645	0.215731	0.93967	1
cg01764020	C4	0.190561	0.18494	0.752978	-1.32806	0.820691	0.955222	-1.04688	0.80299	1.05174	1.05174	0.985738	0.96449	-1.03652	0.3024312	1.24064	1.24064	0.365312	0.828861	-1.20648	0.0913758	0.648147	-1.45523	0.314846	0.546217	-1.83078	0.44348	0.854137	-1.17077	1.89344	1.22113	0.573269	1
cg19476647	LTBR	0.190561	0.317948	1.58362	1.58362	0.165091	1.93374	1.93374	0.533148	0.754949	-1.32459	0.100579	0.44886	-2.22787	0.883434	1.06752	1.06752	0.489212	1.36734	1.36734	0.0279478	3.17909	3.17909	0.456688	0.713493	-1.40155	0.831991	0.909725	-1.09923	1.89344	5.94759	2.79214	1
cg01016694	KIAA1804;KIAA1804	0.190563	0.854363	1.02818	1.02818	0.132219	1.2786	1.2786	0.020259	1.5272	1.5272	0.887615	0.978837	-1.02162	0.608834	0.924894	-1.0812	0.536315	1.09936	1.09936	0.280968	0.844076	-1.18473	0.205404	0.817101	-1.22384	0.426596	1.13066	1.13066	1.89343	0.686191	0.332139	1
cg17077175	YY1AP1;YY1AP1;DAP3;YY1AP1;DAP3	0.190564	0.0258829	0.863084	-1.15798	0.234617	1.54597	1.54597	0.280927	1.34987	1.34987	0.0896	0.882417	-1.13328	0.0502139	0.744235	-1.34335	0.563218	1.01483	1.01483	0.907264	0.883312	-1.46346	0.0278383	0.573472	-1.74987	0.563606	1.80182	1.80182	1.07675	31.184	12.2208	1
cg02030493	C1orf88	0.190568	0.463174	0.867609	-1.15259	0.159294	1.33116	1.33116	0.973957	0.993811	-1.00623	0.244911	0.793487	-1.26026	0.309533	0.818737	-1.22139	0.777873	0.947637	-1.05526	0.185953	0.767766

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(105T vs. N)	Fold-Change(1 vs.057)	p-value(111T vs. N)	Fold-Change(1 vs.117)	p-value(112T vs. N)	Fold-Change(1 vs.127)	p-value(121T vs. N)	Fold-Change(1 vs.217)	p-value(1347 vs. N)	Fold-Change(1 vs.347)	p-value(1537 vs. N)	Fold-Change(1 vs.537)	p-value(5377 vs. N)	Fold-Change(1 vs.377)	p-value(5637 vs. N)	Fold-Change(1 vs.637)	F(Error
cg21937886	GFPT2	0.190721	3.76233	1.04783	1.04783	1.05350049	1.98313	1.21855	1.22059	1.552854	1.09689	1.09689	0.516457	1.9036337	0.069591	0.71154	-1.36808	0.2668811	0.836776	1.19506	0.3996555	0.875637	-1.14203	0.3492222	1.166001	1.16001	1.89262	0.711146	0.333096	1
cg21293811	PKM2CL	0.19073	0.550082	0.841388	-1.18851	0.677502	0.887411	-1.12687	0.203884	0.68182	-1.46666	0.982565	0.993778	-1.00626	0.0077743	0.3767558	-2.65422		0.5166581	1.20659	0.1636661	0.654066	-1.5289	0.910778	0.9684942	-1.03253	0.310574	0.741068	-1.3494	0.8982528	2.44508	1.14838	1
cg03562868	PLAG1;PLAG1;PLAG1;HYMAI;PLAG1	0.190731	0.704952	1.09477	1.09477	0.9355583	1.79037	1.79037	0.457668	0.83525	-1.19725	0.28992	0.769933	-1.29881	0.322571	1.27535	1.27535		0.164661	0.702534	-1.42342	0.343837	0.792861	-1.26126	0.193557	1.38744	1.38744	0.463866	1.19418	1.19418	1.89257	1.69827	0.79763	1
cg05673287	SGK269	0.190735	0.0191581	0.336688	-2.97011	0.430357	0.734087	-1.36224	0.484667	0.761302	-1.31354	0.295066	0.659	-1.51745	0.25192	0.631503	-1.58352		0.172584	0.572641	-1.74629	0.0347089	0.375393	2.65539	0.37705	0.70602	-1.41639	0.113231	0.515836	-1.9386	0.89255	4.42087	2.07638	1
cg05308309	RIS6I	0.190737	0.164059	0.670703	-1.49097	0.0490771	1.83005	1.83005	0.469492	1.2189	1.2189	0.417221	0.800101	-1.24984	0.837173	0.946169	-1.05692		0.416665	0.799878	-1.25019	0.326548	1.3132	1.3132	0.0644512	1.74856	1.74856	0.48594	1.2098	1.2098	1.89254	2.1689	1.01869	1
cg02309868	LSR;LSR;LSR	0.190739	0.143161	0.44483	-2.24805	0.0247862	0.252645	-3.95812	0.109332	0.407038	-2.45677	0.647303	0.788869	-1.26764	0.0951894	0.389106	-2.56999		0.151042	0.452849	-2.20824	0.128657	0.429365	-2.32902	0.1332443	0.434362	-2.30223	0.993555	0.99585	-1.00417	1.892553	7.94453	3.7314	1
cg18159790	C14orf68	0.190742	0.180601	0.567149	-1.7632	0.0879734	0.442443	-2.26218	0.351829	0.682746	-1.46553	0.33546	1.486135	1.486135	0.0683858	0.442979	-2.25744		0.141524	0.532255	-1.8788	0.1522797	1.4868	1.4868	0.157683	0.62426	-1.6019	0.1246313	0.666468	-1.50945	1.892551	4.70965	2.24024	1
cg24875592	TINAGL1;TINAGL1	0.190744	0.0542434	1.61033	1.61033	0.0760757	0.853733	0.853733	0.232731	0.6603	0.1723	0.672271	0.57273	1.65221	0.0638358	0.12052	12.052		0.133835	0.90287	0.602787	0.617138	1.82618	1.82618	0.230111	0.5017	0.45017	0.0548541	0.167854	0.167854	1.89249	42.7925	20.0994	1
cg02892402	RGS11;RGS11	0.19075	0.24017	0.578411	-1.72888	0.9916951	0.995377	-1.00464	0.0125142	0.250834	-3.98669	0.434652	0.701269	-1.42599	0.0549932	0.379588	-2.63443		0.43618	0.70213	-1.42424	0.43655	0.702338	-1.42382	0.5614921	1.29868	1.29868	0.2958335	0.617189	-1.62025	1.892448	5.93985	2.78992	1
cg02011430	ZDHHC7;ZDHHC7	0.190753	0.721632	1.2803153	1.2803153	0.3104045	0.10145	-2.0456	0.0966721	0.802093	-1.24657	0.2775728	0.889195	1.189244	0.5107857	0.4139	-2.41614	0.0111881	0.0495595	1.10547	0.2466001	0.4052	-2.46853	0.0179264	0.1442	1.14425	1.89246	5.308722	2.48975	1
cg15090083	ST6GALNAC3;ST6GALNAC3	0.190757	0.860914	0.960878	-1.04072	0.0668881	0.687067	-1.64266	0.0733946	0.61986	-1.61986	0.950042	0.105125	1.025125	0.030613	1.29361	1.29361		0.672262	0.902298	-1.10828	0.686771	0.9067	1.1029	0.30046	1.29595	1.29595	0.0703906	1.63009	1.63009	1.89244	1.74967	0.821827	1
cg01592298	ASPG	0.190758	0.535524	0.891544	-1.12165	0.638775	1.00635	1.00635	0.855229	0.967319	-1.03398	0.955092	0.10196	1.010196	0.0453674	1.52193	1.52193		0.187448	1.29124	1.29124	0.2212219	1.65995	1.65995	0.687248	0.92427	-1.08159	0.6442994	0.917099	-1.08933	1.892444	1.00031	0.471261	1
cg18983090	EXOSC8	0.190759	?	?	?	0.153377	1.858303	1.858303	0.34457	2.14136	2.14136	0.4046244	1.94694	1.94694	?	?	?	0.8232274	0.8401126	-1.1903	0.945146	0.947834	-1.05504	2.012339	12.6095	7.31021	1
cg14635955	IQCE;IQCE	0.190762	0.421365	1.39516	1.39516	0.1861116	1.76528	1.76528	0.585624	0.799961	-1.25006	0.766218	0.886137	-1.12849	0.334744	0.668103	-1.49678		0.175824	1.7924	1.7924	0.2904072	0.283807	0.0706858	2.26792	2.26792	0.591649	1.24551	1.24551	1.89241	4.92629	2.31394	1
cg01154283	CRIM1	0.190763	0.174312	0.553266	-1.80823	0.1743572	1.04752	1.04752	0.1062	1.24483	1.24483	0.144136	0.711913	-1.40467	0.158272	0.520803	-1.92004		0.464341	0.72429	-1.38002	0.6064641	0.410912	-2.43361	0.274208	0.6113157	-1.63571	0.0900113	0.445814	-2.24309	0.8241	1.62567	0.63333	1
cg18311854	UTS2D	0.190765	0.364057	0.902881	-1.10757	0.6548054	1.25502	1.25502	0.675635	0.954954	-1.04717	0.567647	0.938687	-1.06532	0.226157	0.870051	-1.14936		0.692426	1.04451	1.04451	0.0259367	1.33587	1.33587	0.805011	0.973272	-1.02746	0.732045	1.03836	1.03836	1.8924	0.359566	0.168894	1
cg15867963	SLC7A11	0.190766	0.288205	0.56939	-1.7637	0.4925234	0.698621	-1.43139	0.752729	1.13662	1.13662	0.630034	0.778987	-1.28372	0.0972868	0.6184644	-1.61638		0.334324	0.599012	-1.6691	0.582618	1.33057	1.33057	0.79369	0.865575	-1.15557	0.159148	0.461006	-2.16917	1.8924	7.97703	3.72815	1
cg27264462	PRKCZ;PRKCZ;PRKCZ	0.190768	0.38357	0.813125	-1.72021	0.0407754	0.218385	-4.19489	0.166828	0.246622	-2.44602	0.789612	1.372626	1.372626	0.0164487	0.2542305	-3.49358		0.464341	0.72429	-1.38002	0.6064641	0.260569	-3.70962	0.233628	0.4685545	-2.13427	0.932394	0.949793	-1.05286	1.89238	11.0472	5.18898	1
cg05100634	SMAD2;SMAD2;SMAD2	0.190772	0.0673316	0.572084	-1.748	0.519835	0.837171	-1.1945	0.583004	0.859814	-1.16304	0.379372	1.27847	1.27847	0.644383	0.8810371	-1.13498		0.0295032	0.497453	-2.01024	0.30864	0.75048	-1.33248	0.863113	1.04813	1.04813	0.180129	1.47368	1.47368	1.89236	2.224111	1.04472	1
cg04568905	GFRA2;GFRA2;GFRA2	0.190772	0.2883184	0.570704	-1.75301	0.0161492	0.230167	-4.3442	0.0536296	0.340159	-2.93987	0.28282	0.9193417	0.959554	-1.04218	0.4324559	-2.31259		0.220005	0.525377	-1.90339	0.195365	0.508446	-1.9808	0.293228	0.5803823	-1.72318	0.968202	1.02021	1.02021	1.89236	2.746524	1.50661	1
cg14818866	TMEM161A	0.190775	0.359282	1.6384	1.6384	0.0359936	1.49595	1.49595	0.685796	1.06946	1.06946	0.0647412	1.45638	1.456438	0.356439	1.03035	1.03035		0.92341	1.016	1.016	0.0241437	1.55886	1.55886	0.671258	1.07303	1.07303	0.682664	1.07023	1.07023	1.89235	0.817081	0.383805	1
cg23597041	LRRC57;HAUS2;LRRC57;HAUS2	0.190776	0.545355	0.892393	1.1209346	0.0913375	1.19444	1.19444	0.0144254	1.23455	1.23455	0.0015911	1.38488	1.384888	0.0013111	1.34741	1.34741		0.759063	1.11159	1.11159	0.0821269	1.26576	1.26576	0.0119744	0.5533144	-1.80785	0.171202	0.788204	-1.26833	1.89234	1.37223	0.72323	1
cg06559885	MKRN2	0.190778	0.791013	1.03503	1.03503	0.895042	1.01726	1.01726	0.0535257	1.32882	1.32882	0.508924	1.00076	1.00076	0.260865	1.1642	1.1642		0.938023	0.990114	-1.00999	0.451366	0.905301	-1.10461	0.0796864	1.28681	1.28681	0.0730862	0.771693	-1.29585	1.89233	0.503786	0.236644	1
cg11592576	CYP88J;CYP88J	0.190781	0.468538	0.801898	-1.24704	0.769075	0.915644	-1.09213	0.0693367	0.59432	-1.83716	0.0148303	0.407669	-2.45297	0.280828	1.39872	1.39872		0.164474	0.986755	-1.01342	0.1966	0.664511	-1.50487	0.53413	0.827931	-1.20783	0.712109	0.894978	-1.11735	1.89231	2.585611	1.26153	1
cg16425650	DNMBP	0.190784	0.477732	2.020687	2.020687	0.0504901	1.72002	1.72002	0.0172467	1.33667	1.33667	0.0130217	1.51667	1.51667	0.0128274	1.48537	1.48537		0.464341	0.72429	-1.38002	0.6064641	0.440912	-2.43361	0.274208	0.6113157	-1.63571	0.0900113	0.445814	-2.24309	0.8241	1.62567	0.63333	1
cg13833347	CSRP2	0.190785	0.165547	0.652748	-1.53199	0.171789	0.657336	-1.52129	0.0866265	1.72613	1.72613	0.431873	1.26032	1.26032	0.401171	0.780483	-1.28126		0.145994	0.637524	-1.56857	0.948151	0.981418	-1.01893	0.079286	0.570138	-1.75396	0.871379	1.04784	1.04784	1.8923	2.4931	1.17111	1
cg13678971	ELAVL4	0.190787	0.853917	1.14851	1.14851	0.359516	0.492756	-2.0294	0.252228	0.74559	-2.4559	0.493684	0.593228	-1.68569	0.280044	0.430167	-2.32468		0.40733	1.80032	1.80032	0.0889408	0.409349	0.409349	0.0260266	7.27538	7.27538	0.931276	1.06694	1.06694	1.89229	16.9134	7.94496	1
cg08472276	ITSN	0.190788	0.705825	0.796614	-1.25531	0.629618	0.747233	-1.33827	0.604473	0.731011	-1.36797	0.300262	0.525373	-1.90341	0.0425645	0.246565	-4.05573		0.067425	0.292659	-3.41695	0.0295715	0.2152222	-4.64637	0.113128	0.555622	-2.81197	0.15723	0.4403733	-2.47689	1.89228	10.7753	5.06163	1
cg10077326	DNAH7	0.190792	0.1116661	0.499393	-2.00311	0.0199409	0.183052	-5.46125	0.0175603	0.3185	-3.1394	0.0134917	0.2282	-4.38242	0.0134517	0.1965	-5.08854		0.1298	1.27588	1.27588	0.1338	0.888154	-1.1516	0.7613141	0.6637129	-1.50694	0.0446126	0.602339	-1.66019	0.38726	2.228228	1.4721	1
cg18540157	NAALAD2	0.190793	0.352585	0.548216	-1.8241	0.952384	0.31824	-3.1424	0.0318424	0.601236	0.77813	-1.28513	0.0183375	0.60426	0.64126	0.329575	0.670457	-1.49152	0.150315	0.379504	-2.63502	0.288595	0.503444	-1.99823	0.622303	0.731984	-1.36615	0.235087	0.457488	-2.18585	1.89226	11.8337	5.5589	1
cg24405664	FGD6;VEZT	0.190794	0.33019	0.708398	-1.41153	0.0194184	0.154949	-6.45284	0.0124868	0.284263	-3.51764	0.0102183	0.168623	-5.92863	0.0080607	0.1298808	-7.70098		0.0426203	0.183892	-5.43889	0.0102318	0.0422217	-23.6948	0.104738	0.2500897	-3.99911	0.0102318	0.0422217	-23.6948	0.104738	0.2500897	-3.99911	0.0102318	0.0422217	-23.6948	0.104738	0.2500897	-3.99911	1.89226	1.89226	1.89226	0.813032	1.04427	1.04427	0.0209107	1.66222	1.66222	0.724748	1.06678	1.06678	0.435855	1.15645	1.15645	1.89224	1.000188	0.470635	1
cg26828105	HK3	0.190796	0.330942	0.832421	-1.20131	0.747083	1.06095	1.06095	0.587112	0.904611	-1.10545	0.066308	0.686203	-1.45729	0.573251	1.1067	1.1067		0.813032	1.04427	1.04427	0.0209107	1.66222	1.66222	0.724748	1.06678	1.06678	0.435855	1.15645	1.15645	1.89224	1.000188	0.470635	1
cg11730100	FEN1;C11orf10;MIR611;FEN1	0.190797	0.571299	0.884097	-1.1311	0.886193	1.21079	1.21079	0.63803	0.903	-1.10742	0.369807	0.820112	-1.21935	0.0411716	0.660067	1.66069		0.239757	0.767161	-1.30351	0.17344	0.732078	-1.36597	0.280345	0.785348	-1.27332	0.196784	0.34158	1.34158	1.89224	1.38946	0.652705	1
cg05383910	ELMO1	0.190797	0.365911	0.829719	1.2194698	0.0913375	1.19444	1.19444	0.0144254	1.23455	1.23455	0.0015911	1.38488	1.384888	0.0013111	1.34741	1.34741		0.759063	1.11159	1.11159	0.0821269	1.26576	1.26576	0.0119744	0.5533144	-1.80785	0.171202	0.788204	-1.26833	0.87804	1.13889	1.38656	0.185774	0.532078	-1.87942	1.89224	0.61783	2.8473	1
cg27646720	TSPAN9;TSPAN9	0.190797	0.515871	0.668262	-1.49642	0.0458189	0.05787	-8.05787	0.162284	0.24914	2.4914	0.697928	1.26951	1.269551	0.0635995	0.279138	-3.58246		0.970228	0.977424	-1.0231	0.966806	1.02579	1.02579	0.213024	0.448258	-2.23086	0.589122	1.39602	1.39602	1.89224	11.2185	5.26994	1
cg09581065	RAB40B	0.190798	0.4441481	1.28779	1.28779	0.802257	0.167388	-5.97091	0.0984123	0.656259	-1.04674	0.0188523	0.515755	1.515755	0.0602056	0.504979	-1.98102		0.0611526	0.585703	-1.70765	0.0194744	0.191122	-5.23201	0.0851065	0.479531	-2.08973	0.457466	1.34036	1.34036	1.89197	4.49118	2.11006	1
cg20192464	C3orf39	0.190806	0.74435	0.743687	-1.34465	0.8008616	0.7729	0.7729	0.0477523	0.75702	0.75702	0.90305	0.89558	-1.1166	0.4053355	0.1223289	8.17067		0.929245	0.92277	-1.08369	0.37476	0.736037	1.36037	0.367437	0.924783	-1.15653	0.15653	0.88118	0.873398	1.89198	0.134998	0.071929	1
cg11193041	GSTZ1;GSTZ1;POMT2;GSTZ1	0.19081	0.611073	0.884642	-1.1304	0.415126	0.819486	-1.22028	0.593373	1.13747	1.13747	0.883617	1.03563	1.03563	0.311782	1.28414	1.28414		0.588197	1.13957	1.13957	0.0285832	1.85398	1.85398	0.0631303	1.64798	1.64798	0.213092	0.730969	-1.36805	1.89217	1.71177	0.804141	1
cg14113324	LSG1	0.190794	0.4441481	1.28779	1.28779	0.802257	0.167388	-5.97091	0.0984123	0.656259	-1.04674	0.0188523	0.515755	1.515755	0.0602056	0.504979	-1.98102		0.0611526	0.585703	-1.70765	0.0194744	0.191122	-5.23201	0.0851065	0.479531	-2.08973	0.457466	1.34036	1.34036	1.89197	4.49118	2.11006	1
cg27209571	DNER	0.190811	0.228432	0.522206	-1.91495	0.637461	0.783514	-1.2763	0.832352	0.896775	-1.11511	0.243423	0.534023	-1.87258	0.22894	0.522645	-1.91334		0.44047	0.667427	-1.49829	0.0173397	0.225517	-4.43425	0.470169	0.485187	0.8715384	-1.17073	0.892616	1.07823	1.89197	0.791611	0.37879	1
cg26062132	FAM81B	0.190784	0.477732	2.020687	2.020687	0.0504901	1.72002	1.72002	0.0172467	1.33667	1.33667	0.0130217	1.51667	1.51667	0.0128274	1.48537	1.48537		0.464341	0.72429	-1.38002	0.6064641	0.440912	-2.43361	0.274208	0.6113157	-1.63571	0.0900113	0.445814	-2.24309	0.8241	1.62567	0.63333	1
cg09685934	IGSF9B	0.190817	0.0894105	0.626463	-1.59626	0.0676707	0.599803	-1.66721	0.632886	0.886767	-1.12769	0.577784	0.868998	-1.15075	0.0773551	0.6124331	-1.63284		0.478759	1.197	-1.197	0.0315766	0.532865	-1.87665	0.404085	0.807999	-1.23763	0.389763	0.802454	-1.24618	1.89214	1.86868	0.877869	1
cg20902146	ARL1	0.190819	0.359073	0.771849	-1.29559	0.105306	1.62576	1.62576	0.180357	1.47796	1.47796	0.750606	1.09152	1.09152	0.145355	0.650905	-1.53632		0.315444	0.751981	-1.32982	0.053768	0.548084	-1.82454	0.902803	0.967007	-1.03412	0.524505	0.837688	-1.19376	1.89213	2.25989	1.06166	1
cg11253514	TRIM1;TRIM2;TRIM3;TRIM4;TRIM5;TRIM6;TRIM7;TRIM17;TRIM18;TRIM19;TRIM20;TRIM21;TRIM22;TRIM23;TRIM24;TRIM25;TRIM26;TRIM27;TRIM28;TRIM29;TRIM31;TRIM32;TRIM33;TRIM34;TRIM35;TRIM36;TRIM37;TRIM38;TRIM39;TRIM40;TRIM41;TRIM42;TRIM43;TRIM44;TRIM45;TRIM46;TRIM47;TRIM48;TRIM49;TRIM50;TRIM51;TRIM52;TRIM53;TRIM54;TRIM55;TRIM56;TRIM57;TRIM58;TRIM59;TRIM60;TRIM61;TRIM62;TRIM63;TRIM64;TRIM65;TRIM66;TRIM67;TRIM68;TRIM69;TRIM70;TRIM71;TRIM72;TRIM73;TRIM74;TRIM75;TRIM76;TRIM77;TRIM78;TRIM79;TRIM80;TRIM81;TRIM82;TRIM83;TRIM84;TRIM85;TRIM86;TRIM87;TRIM88;TRIM89;TRIM90;TRIM91;TRIM92;TRIM93;TRIM94;TRIM95;TRIM96;TRIM97;TRIM98;TRIM99;TRIM100;TRIM101;TRIM102;TRIM103;TRIM104;TRIM105;TRIM106;TRIM107;TRIM108;TRIM109;TRIM110;TRIM111;TRIM112;TRIM113;TRIM114;TRIM115;TRIM116;TRIM117;TRIM118;TRIM119;TRIM120;TRIM121;TRIM122;TRIM123;TRIM124;TRIM125;TRIM126;TRIM127;TRIM128;TRIM129;TRIM130;TRIM131;TRIM132;TRIM133;TRIM134;TRIM135;TRIM136;TRIM137;TRIM138;TRIM139;TRIM140;TRIM141;TRIM142;TRIM143;TRIM144;TRIM145;TRIM146;TRIM147;TRIM148;TRIM149;TRIM150;TRIM151;TRIM152;TRIM153;TRIM154;TRIM155;TRIM156;TRIM157;TRIM158;TRIM159;TRIM160;TRIM161;TRIM162;TRIM163;TRIM164;TRIM165;TRIM166;TRIM167;TRIM168;TRIM169;TRIM170;TRIM171;TRIM172;TRIM173;TRIM174;TRIM175;TRIM176;TRIM177;TRIM178;TRIM179;TRIM180;TRIM181;TRIM182;TRIM183;TRIM184;TRIM185;TRIM186;TRIM187;TRIM188;TRIM189;TRIM190;TRIM191;TRIM192;TRIM193;TRIM194;TRIM195;TRIM196;TRIM197;TRIM198;TRIM199;TRIM200;TRIM201;TRIM202;TRIM203;TRIM204;TRIM205;TRIM206;TRIM207;TRIM208;TRIM209;TRIM210;TRIM211;TRIM212;TRIM213;TRIM214;TRIM215;TRIM216;TRIM217;TRIM218;TRIM219;TRIM220;TRIM221;TRIM222;TRIM223;TRIM224;TRIM225;TRIM226;TRIM227;TRIM228;TRIM229;TRIM230;TRIM231;TRIM232;TRIM233;TRIM234;TRIM235;TRIM236;TRIM237;TRIM238;TRIM239;TRIM240;TRIM241;TRIM242;TRIM243;TRIM244;TRIM245;TRIM246;TRIM247;TRIM248;TRIM249;TRIM250;TRIM251;TRIM252;TRIM253;TRIM254;TRIM255;TRIM256;TRIM257;TRIM258;TRIM259;TRIM260;TRIM261;TRIM262;TRIM263;TRIM264;TRIM265;TRIM266;TRIM267;TRIM268;TRIM269;TRIM270;TRIM271;TRIM272;TRIM273;TRIM274;TRIM275;TRIM276;TRIM277;TRIM278;TRIM279;TRIM280;TRIM281;TRIM282;TRIM283;TRIM284;TRIM285;TRIM286;TRIM287;TRIM288;TRIM289;TRIM290;TRIM291;TRIM292;TRIM293;TRIM294;TRIM295;TRIM296;TRIM297;TRIM298;TRIM299;TRIM300;TRIM301;TRIM302;TRIM303;TRIM304;TRIM305;TRIM306;TRIM307;TRIM308;TRIM309;TRIM310;TRIM311;TRIM312;TRIM313;TRIM314;TRIM315;TRIM316;TRIM317;TRIM318;TRIM319;TRIM320;TRIM321;TRIM322;TRIM323;TRIM324;TRIM325;TRIM326;TRIM327;TRIM328;TRIM329;TRIM330;TRIM331;TRIM332;TRIM333;TRIM334;TRIM335;TRIM336;TRIM337;TRIM338;TRIM339;TRIM340;TRIM341;TRIM342;TRIM343;TRIM344;TRIM345;TRIM346;TRIM347;TRIM348;TRIM349;TRIM350;TRIM351;TRIM352;TRIM353;TRIM354;TRIM355;TRIM356;TRIM357;TRIM358;TRIM359;TRIM360;TRIM361;TRIM362;TRIM363;TRIM364;TRIM365;TRIM366;TRIM367;TRIM368;TRIM369;TRIM370;TRIM371;TRIM372;TRIM373;TRIM374;TRIM375;TRIM376;TRIM377;TRIM378;TRIM379;TRIM380;TRIM381;TRIM382;TRIM383;TRIM384;TRIM385;TRIM386;TRIM387;TRIM388;TRIM389;TRIM390;TRIM391;TRIM392;TRIM393;TRIM394;TRIM395;TRIM396;TRIM397;TRIM398;TRIM399;TRIM400;TRIM401;TRIM402;TRIM403;TRIM404;TRIM405;TRIM406;TRIM407;TRIM408;TRIM409;TRIM410;TRIM411;TRIM412;TRIM413;TRIM414;TRIM415;TRIM416;TRIM417;TRIM418;TRIM419;TRIM420;TRIM421;TRIM422;TRIM423;TRIM424;TRIM425;TRIM426;TRIM427;TRIM428;TRIM429;TRIM430;TRIM431;TRIM432;TRIM433;TRIM434;TRIM435;TRIM436;TRIM437;TRIM438;TRIM439;TRIM440;TRIM441;TRIM442;TRIM443;TRIM444;TRIM445;TRIM446;TRIM447;TRIM448;TRIM449;TRIM450;TRIM451;TRIM452;TRIM453;TRIM454;TRIM455;TRIM456;TRIM457;TRIM458;TRIM459;TRIM460;TRIM461;TRIM462;TRIM463;TRIM464;TRIM465;TRIM466;TRIM467;TRIM468;TRIM469;TRIM470;TRIM471;TRIM472;TRIM473;TRIM474;TRIM475;TRIM476;TRIM477;TRIM478;TRIM479;TRIM480;TRIM481;TRIM482;TRIM483;TRIM484;TRIM485;TRIM486;TRIM487;TRIM488;TRIM489;TRIM490;TRIM491;TRIM492;TRIM493;TRIM494;TRIM495;TRIM496;TRIM497;TRIM498;TRIM499;TRIM500;TRIM501;TRIM502;TRIM503;TRIM504;TRIM505;TRIM506;TRIM507;TRIM508;TRIM509;TRIM510;TRIM511;TRIM512;TRIM513;TRIM514;TRIM515;TRIM516;TRIM517;TRIM518;TRIM519;TRIM520;TRIM521;TRIM522;TRIM523;TRIM524;TRIM525;TRIM526;TRIM527;TRIM528;TRIM529;TRIM530;TRIM531;TRIM532;TRIM533;TRIM534;TRIM535;TRIM536;TRIM537;TRIM538;TRIM539;TRIM540;TRIM541;TRIM542;TRIM543;TRIM544;TRIM545;TRIM546;TRIM547;TRIM548;TRIM549;TRIM550;TRIM551;TRIM552;TRIM553;TRIM554;TRIM555;TRIM556;TRIM557;TRIM558;TRIM559;TRIM560;TRIM561;TRIM562;TRIM563;TRIM564;TRIM565;TRIM566;TRIM567;TRIM568;TRIM569;TRIM570;TRIM571;TRIM572;TRIM573;TRIM574;TRIM575;TRIM576;TRIM577;TRIM578;TRIM579;TRIM580;TRIM581;TRIM582;TRIM583;TRIM584;TRIM585;TRIM586;TRIM587;TRIM588;TRIM589;TRIM590;TRIM591;TRIM592;TRIM593;TRIM594;TRIM595;TRIM596;TRIM597;TRIM598;TRIM599;TRIM600;TRIM601;TRIM602;TRIM603;TRIM604;TRIM605;TRIM606;TRIM607;TRIM608;TRIM609;TRIM610;TRIM611;TRIM612;TRIM613;TRIM614;TRIM615;TRIM616;TRIM617;TRIM618;TRIM619;TRIM620;TRIM621;TRIM622;TRIM623;TRIM624;TRIM625;TRIM626;TRIM627;TRIM628;TRIM629;TRIM630;TRIM631;TRIM632;TRIM633;TRIM634;TRIM635;TRIM636;TRIM637;TRIM638;TRIM639;TRIM640;TRIM641;TRIM642;TRIM643;TRIM644;TRIM645;TRIM6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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 477T vs. N)	Fold-Change(347T vs. 477T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 377T vs. N)	Fold-Change(537T vs. 377T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	F(Error	F(Test)	SS(Test)	SS(Error)	df
cg08101264	ACOT8;ZSWIM3	0.191052	0.0905379	0.859267	1.43E-07	1.602802	0.10779	1.10779	0.802803	0.952368	1.05005	0.604847	1.10738	1.10738	0.852168	0.964268	1.03706	0.585282	1.0036	1.0036	0.8307803	0.609702	1.04014	0.260763	1.25706	1.25706	0.0869031	0.691589	1.44595	1.89093	1.13931	0.535567	1
cg04667158	ACN9	0.191061	0.429886	0.858447	1.16435	0.277435	1.23776	1.23776	0.179002	0.763697	-1.30942	0.409757	1.17257	1.17257	0.087243	0.700103	1.42836	0.891161	0.974477	-1.02619	0.0582341	1.49809	0.701217	0.07552	1.07552	1.23578	1.26237	1.26237	1.89089	1.06796	0.502035	1
cg04124916	RPGRIP1	0.191061	0.808125	0.9155	-1.0923	0.236166	0.637347	-1.565	0.0414993	0.426125	-2.34673	0.606347	0.828106	-1.20758	0.381466	0.722003	-1.38504	0.883383	0.95021	-1.0524	0.0303152	2.51924	2.51924	0.863493	0.939466	-1.06443	0.536727	0.796925	-1.25482	1.89089	3.94327	1.8537	1
cg23704701	LCA5L	0.191063	0.775289	0.932665	-1.0722	0.114173	1.51974	1.51974	0.0349611	1.81944	1.81944	0.4118541	0.8351661	-1.22675	0.84959	0.954812	-1.04733	0.350833	1.26348	1.26348	0.100112	1.55086	1.55086	0.22404	1.36493	1.36493	0.1179866	1.512021	1.512021	1.89088	1.77655	0.835144	1
cg21547979	SEC1;DBP;CA11	0.191068	0.462748	1.16085	1.16085	0.144582	1.36711	1.36711	0.751167	1.07588	1.82658	0.957162	-1.04476	0.95288	0.988278	-1.01186		0.354945	0.827051	-1.20911	0.0203177	1.74753	1.74753	0.168039	0.745901	-1.34066	0.47341	0.864588	-1.15662	1.89086	1.19241	0.560553	1
cg06270993	C7orf30	0.191075	0.235693	0.323607	-3.09037	0.206591	3.35141	3.35141	0.46195	0.506678	-1.97364	0.68591	0.691349	-1.44645	0.0128727	0.0605753	-16.5084	0.503703	1.85162	1.85162	0.346778	0.333023	-3.0028	0.959915	1.04669	1.04669	0.516856	1.550645	-1.81605	1.89082	24.6229	11.6036	1
cg00514307	CDL11A2;CDL11A2;CDL11A2	0.191075	0.0696218	2.14326	2.14326	0.358159	1.42615	1.42615	0.548966	1.25585	1.25585	0.20534	1.65196	1.65196	0.209392	1.64383	1.64383	0.177558	1.7131	1.7131	0.0524835	0.436774	-2.28951	0.334871	1.45298	1.45298	0.83032	1.038396	1.083996	1.89082	4.22627	1.98681	1
cg05919625	ZNF277;ZNF397OS;ZNF271;ZNF397OS;Z NF397OS;ZNF397OS	0.191077	0.0792683	0.590195	-1.69436	0.292212	0.743955	-1.34417	0.457771	1.22826	1.22826	0.697032	1.1117	1.1117	0.981043	1.00645	1.00645	0.412365	1.25463	1.25463	?	?	0.729005	1.09871	1.09871	0.0299174	1.996449	1.996449	1.90172	1.9612	1.03127	1
cg08429256	SLC16A3;SLC16A3	0.191079	0.760876	0.927252	-1.07845	0.185537	1.41535	1.41535	0.461922	0.830841	-1.2036	0.13548	0.671568	-1.48905	0.0109449	0.453763	-2.20379	0.56809	0.866949	-1.15347	0.458226	0.829522	-1.20551	0.833298	0.949184	-1.05354	0.465888	0.832251	-1.20156	1.8908	1.83157	0.861985	1
cg00897799	ESD	0.191108	0.119876	0.519266	-1.92539	0.0159127	1.23238	1.23238	0.0183284	1.83826	1.83826	0.728853	1.13702	1.13702	0.298085	1.55291	1.55291	0.100253	2.04041	2.04041	0.0036	0.0307803	0.609702	1.04014	0.260763	1.25706	1.25706	0.0869031	0.691589	1.44595	1.89093	1.13931	0.535567	1
cg25776467	MUC13	0.191088	0.0843176	0.495889	-2.01658	0.572431	0.811794	-1.23184	0.255576	1.64665	-1.56443	0.224874	1.59717	1.59717	0.0095109	0.0245106	0.208985	0.854372	0.934741	-1.06982	0.247273	0.167935	0.603079	0.97577	-1.02483	0.0613079	2.16935	0.60631	0.826181	-1.21039	1.89075	4.04003	1.89932	1
cg18026586	GABRB3;GABRB3	0.191089	0.851383	1.05719	1.03109	0.278434	1.19007	1.19007	0.0613551	1.20301	1.20301	0.0835954	1.73314	1.73314	0.260857	0.82574	-1.2114	0.626829	0.959292	-1.04241	0.0236	0.0307803	0.609702	1.04014	0.260763	1.25706	1.25706	0.0869031	0.691589	1.44595	1.89093	1.13931	0.535567	1
cg12367788	STK39	0.191092	0.359969	1.53088	1.53088	0.132083	-3.479334	-2.08632	0.855691	0.920932	-1.08586	0.415825	1.11134	1.11134	0.682517	0.724001	-1.38109	0.370999	1.51533	1.51533	0.0200804	3.55756	3.55756	0.492235	1.37107	1.37107	0.162518	1.96333	1.96333	1.89073	6.13041	2.88209	1
cg27134364	DDX19A	0.191093	0.426291	0.847398	-1.18008	0.963683	1.09984	1.09984	0.475206	1.15953	1.15953	0.683063	0.919729	-1.08728	0.530932	0.878641	-1.13812	0.410129	0.842234	-1.18732	0.00609202	0.481968	-2.07483	0.71314	0.927495	-1.07817	0.503968	1.14824	1.14824	1.89073	1.2442	0.584936	1
cg06944982	PTK2;PTK2	0.191094	0.3360861	1.36385	1.36385	0.241422	1.16622	1.16622	0.186108	1.56248	1.56248	0.0107447	1.35144	1.35144	0.0575531	1.99191	1.99191	0.558324	1.81594	1.81594	0.0117126	0.622355	0.622355	0.414435	1.29093	1.29093	0.913058	1.03459	1.03459	1.89072	2.36822	1.3649	1
cg17260383	PPP3CC	0.191094	0.513411	0.920084	-1.08686	0.2020242	1.18446	1.18446	0.0195644	1.42554	1.42554	0.655951	1.05797	1.05797	0.812715	1.03028	1.03028	0.644431	0.94327	-1.06014	0.907958	0.98557	-1.01464	1.08203	1.19582	1.19582	0.0598739	1.3058	1.3058	1.89072	0.472919	0.222334	1
cg04930428	CLTC	0.191097	0.105991	0.823562	-1.21424	0.604277	1.05999	1.05999	0.495802	1.07899	1.07899	0.0505882	0.780313	-1.27712	0.0272517	0.7506	-1.33227	0.655642	0.951934	-1.05057	0.620635	1.05631	1.05631	0.782686	0.970182	-1.03073	0.918697	0.988852	-1.01127	1.89071	0.360994	0.169716	1
cg21350778	PIKFYVE	0.191104	0.12591	0.814984	1.23405	0.216563	1.62642	1.62642	0.0127408	2.57477	2.57477	0.0804411	1.52859	1.52859	0.915909	1.05173	1.05173	0.34122	0.82642	-1.20984	0.0206048	1.59734	0.883598	0.407754	1.25426	1.25426	0.0208409	1.295046	1.3893	1.89067	6.82834	3.20331	1
cg10982935	ZNF280C	0.191106	0.157151	0.559316	-1.7879	0.131059	1.87032	1.87032	0.121585	0.524898	-1.90513	0.811022	1.09636	1.09636	0.248078	0.628934	-1.58999	0.535541	0.785874	-1.27247	0.87427	1.0627	1.0627	0.0594228	2.26409	2.26409	0.607735	0.819682	-1.21998	1.89066	4.41638	2.07635	1
cg00547499	SLC5F2	0.191107	0.486914	0.902639	-1.10799	0.329972	0.812179	0.812179	0.0155016	1.19019	1.19019	0.336227	0.866157	-1.15469	0.309452	0.8823	-1.1334	0.16886	0.808306	-1.23716	0.0248427	0.667215	0.667215	0.481977	0.851557	0.851557	0.0955068	-1.04595	1.89066	0.631045	0.296685	1
cg22562753	CDKAL1	0.191107	0.422086	0.676551	-1.47809	0.584204	1.30125	1.30125	0.639944	1.25168	1.25168	0.768388	1.15109	1.15109	0.0095096	0.208985	-4.78504	0.220706	1.86482	1.86482	0.851808	1.0932	1.0932	0.879334	0.930172	-1.07507	0.352659	0.633996	-1.57731	1.89066	6.79837	3.19624	1
cg20994248	MRPS18B	0.191109	0.0620478	0.584129	-1.71249	0.173435	1.29807	1.29807	0.18465	1.65201	1.65201	0.745922	1.22122	1.22122	0.644088	0.908306	-1.10048	0.763804	0.972647	-1.02812	0.0178546	0.982192	0.982192	0.911813	0.863037	-1.15839	0.386356	0.921497	-1.08519	1.89064	0.931883	0.431331	1
cg09310185	BIRC7;BIRC7	0.19111	0.359009	1.34618	1.34618	0.811081	0.927301	-1.0784	0.187198	0.64364	-1.55366	0.879138	0.953171	-1.04913	0.266011	1.44096	1.44096	0.816714	1.07592	1.07592	0.00923625	2.8333	2.8333	0.606492	1.17794	1.17794	0.789539	1.08798	1.08798	1.89064	2.97475	1.39858	1
cg23359706	EPOR	0.191111	0.263107	0.822735	-1.21546	0.601022	0.928859	-1.07659	0.019907	1.60001	1.60001	0.193841	0.794599	-1.2585	0.568582	1.10117	1.10117	0.645499	0.925455	-1.08055	0.194354	1.25813	1.25813	0.618027	1.08248	1.08248	0.387806	1.15956	1.15956	1.89064	0.837543	0.393774	1
cg22539359	C17orf59	0.191113	0.1260231	1.84949	1.84949	0.655833	0.84652	-1.3631	0.0274601	1.4055	2.1035	0.0917421	1.09563	1.09563	0.0083857	1.16152	1.16152	0.630313	0.838107	1.19346	0.317029	0.680984	-1.46846	0.683006	0.992805	-1.00719	0.309455	1.47801	1.47801	1.89063	4.13149	1.94244	1
cg11842425	BCL8	0.191113	0.10641	0.379993	-2.63163	0.0392857	0.270132	-3.70189	0.629536	0.765859	-1.30572	0.737804	0.853723	-1.17134	0.97316	0.981705	-1.01864	0.0908307	0.359733	-2.77984	0.76689	0.868011	-1.15206	0.0429906	0.278562	-3.58986	0.0973854	0.368495	-2.71374	1.89063	0.018893	4.2403	1
cg20407348	BRD4;BRD4	0.191114	0.891333	0.934469	-1.0588	0.328402	1.15392	1.15392	0.809393	0.939389	1.06455	0.944342	1.03603	1.03603	0.763304	1.03098	1.03098	0.055163	2.5249	2.5249	0.0024446	0.151609	-1.79465	0.0109467	0.70277	0.70277	0.393467	1.44103	1.89062	5.23105	2.45941	1
cg14580346	TMEM50A	0.191118	0.702221	0.842608	-1.18679	0.0180367	0.277838	3.59923	0.930005	0.961591	-1.03994	0.786981	1.12835	1.12835	0.99298	0.892957	1.11988	?	?	?	0.0913424	2.29086	2.29086	0.630964	0.833194	-1.2002	0.397423	1.47151	1.47151	1.90151	5.32037	2.79798	1
cg03040848	CBFA2T3;CBFA2T3	0.191121	0.990113	0.993139	-1.00691	0.603023	3.19601	3.19601	0.952448	0.967409	-1.03369	0.358408	0.591726	-1.68997	0.425338	0.636158	-1.57194	0.449802	0.651894	-1.53399	0.0168244	0.197762	-5.05657	0.876785	0.917405	-1.09003	0.615048	0.754485	-1.32541	1.89059	9.24313	4.3458	1
cg02499576	ZNF335	0.191123	0.8336661	0.956949	-1.04499	0.603967	1.14331	1.14331	0.38503	0.853899	1.17172	0.353978	0.95735	-1.0378	0.121553	1.14081	1.14081	0.0525194	0.845126	-1.18324	0.0402367	0.667215	0.667215	0.481977	0.851557	0.851557	0.955068	-1.04595	1.89056	0.631045	0.296685	1
cg14494365	PTPN2;PTPN2;PTPRN2	0.191122	0.253663	0.747142	-1.34818	0.296818	1.31138	1.31138	0.546152	1.16524	1.16524	0.613993	0.880136	-1.13619	0.464247	1.20524	1.20524	0.0528405	1.73592	1.73592	0.0317452	1.87934	1.87934	0.18598	1.42109	1.42109	0.9321	0.97887	-1.02159	1.89058	1.88059	0.884192	1
cg08893449	PPARD;PPARD	0.191123	0.0267746	0.564129	-1.77124	0.0490974	0.926006	-1.08065	0.175237	1.27776	1.27776	0.413695	0.793693	-1.25972	0.0178546	0.630579	-1.58603	0.510907	1.34394	1.34394	0.0130255	0.858113	1.55308	1.55308	0.134803	1.34803	1.34803	0.273411	1.23621	1.89058	2.98484	1.58025	1
cg01350767	PDXP	0.191127	0.44084	1.36672	1.36672	0.231211	0.60705	-1.64731	0.0653084	0.439388	-2.27589	0.337726	0.675157	-1.48114	0.228773	0.605308	-1.65205	0.961807	1.01922	1.01922	0.0460304	0.403024	-2.48124	0.915712	1.04298	1.04298	0.0560378	0.423075	-2.36364	1.89056	1.73006	2.22395	1
cg21559747	HDAC1	0.191134	0.449613	1.34921	1.34921	0.0795082	2.13127	2.13127	0.133372	1.87664	1.87664	0.113782	1.88227	1.88227	0.188447	0.58171	-1.71907	0.0798938	2.12877	2.12877	0.185174	1.72686	1.72686	0.213792	1.66351	1.66351	0.273259	1.55783	1.55783	1.89052	4.52587	2.12798	1
cg00007036	ZNF362	0.191134	0.549039	1.28475	1.28475	0.144905	1.59535	1.59535	0.0139507	1.29578	1.29578	0.0907855	1.40265	1.40265	0.749302	1.08311	1.08311	0.0030116	2.81213	2.81213	0.0119189	0.0307803	0.609702	1.04014	0.260763	1.25706	1.25706	0.0869031	0.691589	1.44595	1.89053	1.13931	0.535567	1
cg20230372	TTYH1;TTYH1	0.19114	0.516107	0.879564	-1.13693	0.0191288	1.73786	1.73786	0.285211	1.24153	1.24153	0.669303	1.08743	1.08743	0.907929	1.02281	1.02281	0.166353	0.750035	-1.33327	0.315679	0.816929	-1.2241	0.445819	1.16354	1.16354	0.293579	1.23658	1.23658	1.89049	1.1374	0.534792	1
cg09325157	DSTN;DSTN	0.191135	0.713039	0.940305	-1.06353	0.431511	1.1163	1.1163	0.852021	0.986035	-1.01416	0.847985	1.17641	1.17641	0.474336	1.07781	1.07781	0.0886035	1.60156	1.60156	0.0447184	0.998	0.998	0.990151	1.00155	1.00155	0.0471284	1.00247	1.00247	1.89048	1.02215	0.515503	1
cg19502972	MFN2;MFN2;MFN2	0.191145	0.733162	1.04009	1.04009	0.255254	1.14618	1.14618	0.201463	0.856518	-1.16752	0.597441	0.736025	-1.35825	0.0769907	0.629697	-1.58813	0.0504289	1.65154	1.65154	0.0114706	0.0307803	0.609702	1.04014	0.260763	1.25706	1.25706	0.0869031	0.691589	1.44595	1.89046	1.13931	0.535567	1
cg00247631	TULP1	0.191146	0.482289	1.35478	1.35478	0.645722	1.21752	1.21752	0.467721	1.36913	1.36913	0.222865	1.72393	1.72393	0.77428	1.13004	1.13004	0.901134	1.05426	1.05426	0.19825	1.7827	1.7827	0.0350672	0.352032	-2.84065	0.0553567	2.517393	2.517393	1.89046	5.41265	2.54501	1
cg09546146	CST1	0.191153	0.713039	0.940305	-1.06353	0.431511	1.1163	1.1163	0.852021	0.986035	-1.01416	0.847985	1.17641	1.17641	0.474336	1.07781	1.07781	0.0886035	1.60156	1.60156	0.0447184	0.998	0.998	0.990151	1.00155	1.00155	0.0471284	1.00247	1.00247	1.89048	1.02215	0.515503	1
cg26302027	ZNF135	0.191154	0.263107	0.822735	-1.21546	0.601022	0.928859	-1.07659	0.019907	1.60001	1.60001	0.193841	0.794599	-1.2585	0.568582	1.10117	1.10117	0.645499	0.925455	-1.08055	0.194354	1.25813	1.25813	0.618027	1.08248	1.08248	0.387806	1.15956	1.15956	1.89046	0.837543	0.393774	1
cg22539359	C17orf59	0.191153	0.1260231	1.84949	1.84949	0.655833	0.84652	-1.3631	0.0274601	1.4055	2.1035	0.0917421	1.09563	1.09563	0.0083857	1.16152	1.16152	0.630313	0.838107	1.19346	0.317029	0.680984	-1.46846	0.683006	0.992805	-1.00719	0.309455	1.47801	1.47801	1.89063	4.13149	1.94244	1
cg11842425	BCL8	0.191113	0.10641	0.379993	-2.63163	0.0392857	0.270132	-3.70189	0.629536	0.765859	-1.30572	0.737804	0.853723	-1.17134	0.97316	0.981705	-1.01864	0.0908307	0.359733	-2.77984	0.76689	0.868011	-1.15206	0.0429906	0.278562	-3.58986	0.0973854	0.368495	-2.71374	1.89063	0.018893	4.2403	1
cg20407348	BRD4;BRD4	0.191114	0.891333	0.934469	-1.0588	0.328402	1.15392	1.15392	0.809393	0.939389	1.06455	0.944342	1.03603	1.03603	0.763304	1.03098	1.03098	0.055163	2.5249	2.5249	0.0024446	0.151609	-1.79465	0.0109467	0.70277	0.70277	0.393467	1.44103	1.89062	5.23105	2.45941	1
cg14580346	TMEM50A	0.191118	0.702221	0.842608	-1.18679	0.0180367	0.277838	3.59923	0.930005	0.961591	-1.03994	0.786981	1.12835	1.12835	0.99298	0.892957	1.11988	?	?	?	0.0913424	2.29086	2.29086	0.630964	0.833194	-1.2002	0.397423	1.47151	1.47151	1.90151	5.32037	2.79798	1
cg03040848	CBFA2T3;CBFA2T3	0.191121	0.990113	0.993139	-1.00691	0.603023	3.19601	3.19601	0.952448	0.967409	-1.03369	0.358408	0.591726	-1.68997	0.425338	0.636158	-1.57194	0.449802	0.651894	-1.53399	0.0168244	0.197762	-5.05657	0.876785	0.917405	-1.09003	0.615048	0.754485	-1.32541	1.89059	9.24313	4.3458	1
cg02499576	ZNF335	0.191123	0.8336661	0.956949	-1.04499	0.603967	1.14331	1.14331	0.38503	0.853899	1.17172	0.353978	0.95735	-1.0378	0.121553	1.14081	1.14081	0.0525194	0.845126	-1.18324	0.0402367	0.667215	0.667215	0.481977	0.851557	0.851557	0.955068	-1.04595	1.89056	0.631045	0.296685	1
cg14494365	PTPN2;PTPN2;PTPRN2	0.191122	0.253663	0.747142	-1.34818	0.296818	1.31138	1.31138	0.546152	1.16524	1.16524	0.613993	0.880136	-1.13619	0.464247	1.20524	1.20524	0.0528405	1.73592	1.73592	0.0317452	1.87934	1.87934	0.18598	1.42109	1.42109	0.9321	0.97887	-1.02159	1.89058	1.88059	0.884192	1
cg08893449	PPARD;PPARD	0.191123	0.0267746	0.564129	-1.77124	0.0490974	0.926006	-1.08065	0.175237	1.27776	1.27776	0.413695	0.793693	-1.25972	0.0178546	0.630579	-1.58603	0.510907	1.34394	1.34394	0.0130255	0.858113	1.55308	1.55308	0.134803	1.34803	1.34803	0.273411	1.23621	1.89058	2.98484	1.58025	1
cg01350767	PDXP	0.191127	0.44084	1.36672	1.36672	0.231211	0.60705	-1.64731	0.0653084	0.439388	-2.27589	0.337726	0.675157	-1.48114	0.228773	0.605308	-1.65205	0.961807	1.01922	1.01922	0.0460304	0.403024	-2.48124	0.915712	1.04298	1.04298	0.0560378	0.423075	-2.36364	1.89056	1.73006	2.22395	1
cg21559747	HDAC1	0.191134	0.449613	1.34921	1.34921	0.0795082	2.13127	2.13127	0.133372	1.87664	1.87664	0.113782	1.88227	1.88227	0.188447	0.58171	-1.71907	0.0798938	2.12877	2.12877	0.185174	1.72686	1.72686	0.213792	1.66351	1.66351	0.273259	1.55783	1.55783	1.89052	4.52587	2.12798	1
cg00007036	ZNF362	0.191134	0.549039	1.28475	1.28475	0.144905	1.59535	1.59535	0.0139507	1.29578	1.29578	0.0907855	1.40265	1.40265	0.749302	1.08311	1.08311	0.0030116	2.81213	2.81213	0.0119189	0.0307803	0.609702	1.04014	0.260763	1.25706	1.25706	0.0869031	0.691589	1.44595	1.89053	1.13931	0.535567	1
cg20230372	TTYH1;TTYH1	0.19114	0.516107	0.879564	-1.13693	0.0191288	1.73786	1.73786	0.285211	1.24153	1.24153	0.669303	1.08743	1.08743	0.907929	1.02281	1.02281	0.166353	0.750035	-1.33327	0.315679	0.816929	-1.2241	0.445819	1.16354	1.16354	0.293579	1.23658	1.23658	1.89049	1.1374	0.534792	1
cg09325157	DSTN;DSTN	0.191135	0.713039	0.940305	-1.06353	0.431511	1.1163	1.1163	0.852021	0.986035	-1.01416	0.847985	1.17641	1.17641	0.474336	1.07781	1.07781	0.0886035	1.60156	1.60156	0.0447184	0.998	0.998	0.990151	1.00155	1.00155	0.0471284	1.00247	1.00247	1.89048	1.02215	0.515503	1
cg19502972	MFN2;MFN2;MFN2	0.191145	0.733162	1.04009	1.04009	0.255254	1.14618	1.14618	0.201463	0.856518	-1.16752	0.597441	0.736025	-1.35825	0.0769907	0.629697	-1.58813	0.0504289	1.65154	1.65154	0.0114706	0.0307803	0.609702	1.04014	0.260763	1.25706	1.25706	0.0869031	0.691589	1.44595	1.89046	1.13931	0.535567	1
cg00247631	TULP1	0.191146	0.482289	1.35478	1.35478	0.645722	1.21752	1.21752	0.467721	1.36913	1.36913	0.222865	1.72393	1.72393	0.77428	1.13004	1.13004	0.901134	1.05426	1.05426	0.19825	1.7827	1.7827	0.0350672	0.352032	-2.84065	0.0553567	2.517393	2.517393	1.89046	5.41265	2.54501	1
cg09546146	CST1	0.191153	0.713039	0.940305	-1.06353	0.431511	1.1163	1.1163	0.852021	0.986035	-1.01416	0.847985	1.17641	1.17641	0.474336	1.07781	1.07781	0.0886035	1.60156	1.60156	0.0447184	0.998	0.998	0.990151	1.00155	1.00155	0.0471284	1.00247	1.00247	1.89048	1.02215	0.515503	1
cg26302027	ZNF135	0.191154	0.263107	0.822735	-1.21546	0.601022	0.928859	-1.07659	0.019907	1.60001	1.60001	0.193841	0.794599	-1.2585	0.568582	1.10117	1.10117	0.645499	0.925455	-1.08055	0.194354	1.25813	1.25813	0.618027	1.08248	1.08248	0.387806	1.15956	1.15956	1.89046	0.837543	0.393774	1
cg22539359	C17orf59	0.191153	0.1260231	1.84949	1.84949	0.655833	0.84652	-1.3631	0.0274601	1.4055	2.1035	0.0917421	1.09563	1.09563	0.0083857	1.16152	1.16152	0.630313	0.838107	1.19346	0.317029	0.680984	-1.46846	0.683006	0.992805	-1.00719	0.309455	1.47801	1.47801	1.89063	4.13149	1.94244	1
cg24985835	C17orf70;C17orf70	0.191149	0.0866649	0.789065	-1.26732	0.197782	0.84331	-1.1858	0.137479	1.22171	1.22171	0.0633595	0.769983	-1.29873	0.618786	0.939134	-1.06481	0.0908307	0.359733	-2.77984	0.76689	0.868011	-1.15206	0.0429906	0.278562	-3.58986	0.0973854	0.368495	-2.71374	1.89063	0.018893	4.2403	1
cg05199210	FAM162B	0.191151	0.996781	0.998209	-1.00147	0.0306116	0.964059	-1.03745	0.0178955	0.889819	-1.1119	0.36682	0.888532	-1.12469	0.417092	1.15334	1.15334	0.0255163	2.5249	2.5249	0.0024446	0.151609	-1.79465	0.0109467	0.70277	0.70277	0.393467	1.44103	1.89062	5.23105	2.45941	1
cg09795194	LUC7L;LUC7L2;LUC7L2	0.191151	0.748165	0.926922	-1.07884	0.738555	0.924122	1.08211	0.253573	1.19538	1.19538	0.0433533	0.784885	-1.27407	0.288928	0.771566	-1.29607	0.177383	0.713396	-1.40175	0.0195461	1.74402	1.74402	0.550734	0.864738	-1.15282	0.75095	1.0779	1.0779	1.89043	1.66159	0.781288	1
cg09662798	CASKIN2;CASKIN2	0.191151	0.0581776	3.39196	3.39196	0.6131001	1.31796	1.31796	0.869294	1.09851	1.09851	0.0400666	3.87114	3.87

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-111T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-112T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-121T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T 347 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 53T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17804498	LDLZ	0.191423	0.426089	0.884252	-1.24339	0.499744	0.810236	-1.20187	0.970307	0.9900959	-1.01004	0.0628872	0.57026	-1.75359	0.0430768	0.535398	-1.86277	0.219534	0.703583	-1.4213	0.383988	1.27074	1.27074	0.883204	0.963112	-1.04025	0.0461704	0.541622	-1.8465	1.88805	2.15538	1.02421	1
cg15084269	STK3	0.191423	0.0224275	0.080519	-12.4194	0.732247	0.728818	-1.37208	0.799525	0.7910145	-1.26415	0.316249	0.385053	-2.59704	0.170256	0.260461	-1.83935	0.805475	0.885971	-1.1287	0.525863	0.08742455	-11.4383	0.26403	0.3422	-2.92227	0.169272	0.259549	-3.85284	1.88905	25.3825	11.9437	1
cg22836470	TMEM119;TMEM119	0.191425	0.0924535	0.623115	-1.60484	0.956715	0.986231	-1.01396	0.765209	0.926347	-1.07951	0.395749	1.24878	1.24878	0.241384	0.710358	-1.36788	0.873059	1.04169	1.04169	0.472729	0.829808	-1.2051	0.01093002	0.44222	-2.26132	0.949386	1.01811	1.01811	1.88904	1.95222	0.918617	1
cg11528594	LOC388692	0.191425	0.0189642	5.44941	5.44941	0.497272	1.50871	1.50871	0.524292	1.46977	1.46977	0.89333	0.923456	-1.08336	0.150808	2.50659	2.50659	0.916027	0.938996	-1.06497	0.345668	1.78536	1.78536	0.0550353	1.83716	3.66316	0.0923849	1.02048	3.02048	1.889	10.6558	5.01417	1
cg12509497	FAM84A	0.191432	0.144499	0.725277	-1.37878	0.233477	1.29173	1.29173	0.355795	1.22491	1.22491	0.568393	0.888568	-1.12541	0.992401	0.99805	-1.00195	0.310647	0.806566	-1.23982	0.0331504	1.66589	1.66589	0.507027	0.871149	-1.14791	0.227338	1.29655	1.29655	1.886	1.25632	0.591175	1
cg11269295	FAM189A1	0.191435	0.6683855	0.914601	-1.09337	0.490262	0.864878	-1.15623	0.0675134	0.654209	-1.52856	0.0444161	0.0198842	-1.61221	0.505368	0.869355	-1.15028	0.95386	0.988085	-1.01206	0.9588633	1.55547	1.55547	0.920479	1.0209	1.0209	0.590717	0.893629	-1.11903	1.88899	1.2838	0.604108	1
cg10723024	HNRNPUL2	0.191439	0.754007	0.949224	-1.05349	0.266598	1.21152	1.21152	0.646106	0.92622	-1.07966	0.0638905	0.70804	-1.41235	0.0644455	1.41109	1.41109	0.607967	0.917804	-1.08956	0.111037	0.746917	-1.33348	0.2688401	0.826198	-1.21036	0.855976	0.970332	-1.03058	1.88897	0.822102	0.38686	1
cg12317763	GFOD2;GFOD2;GFOD2;GFOD2	0.191441	0.232864	0.606452	-1.64849	0.511256	0.658928	-1.51975	0.0918808	0.4726403	-2.09888	0.881194	1.06162	1.06162	0.344224	1.47538	1.47538	0.0324146	0.367561	2.7199	0.3854	1.43257	1.43257	0.419628	1.3902	1.3902	0.678554	1.18117	1.18117	1.88896	4.77519	2.24707	1
cg15540820	EDME5	0.191442	0.820633	1.26132	1.26132	0.595864	0.578575	-1.72838	0.658233	1.57633	1.57633	0.935903	1.0857	1.0857	0.670754	0.664453	1.505	0.299779	0.29973	2.99973	0.0517761	9.628	9.628	0.0117258	24.9981	24.9981	0.666976	1.55667	1.55667	1.88895	31.2646	14.7123	1
cg02965180	SGCE;SGCE;PEG10;PEG10;SGCE;PEG10	0.191445	0.0869326	1.30497	1.30497	0.486256	0.905187	-1.10474	0.153036	0.80617	-1.24043	0.802046	0.965249	-1.036	0.872947	1.02279	1.02279	0.996281	1.00066	1.00066	0.0185843	1.49455	1.49455	0.774405	1.04129	1.04129	0.905185	0.983362	-1.01692	1.88894	0.593109	0.279103	1
cg10354495	NFU1;NFU1;NFU1	0.191447	0.947272	0.963714	-1.03765	0.44771	1.54102	1.54102	0.665346	1.37246	1.37249	0.0211958	0.70399	0.70399	0.438692	0.643122	-1.55492	0.424621	1.57726	1.57726	0.326098	0.56744	-1.7623	0.757908	0.841322	-1.18861	0.35171	1.70848	1.70848	1.88893	9.34339	4.3968	1
cg03678860	TBC1D C17orf69;C17orf69;MGC57346;MGC57	0.191447	0.220742	1.36972	1.36972	0.1624	1.43979	1.43979	0.732276	1.08754	1.08754	0.885651	1.03579	1.03579	0.346495	1.26733	1.26733	0.10271	1.54702	1.54702	0.0107113	2.18983	2.18983	0.666631	0.899504	-1.11172	0.962921	0.988703	-1.01143	1.88893	1.78667	0.840769	1
cg10826688	3d6	0.191448	0.425626	0.69859	-1.43146	0.0468398	2.72726	2.72726	0.681736	1.19937	1.19937	0.825345	0.907154	-1.10235	0.0834139	0.4296	-2.32775	0.22644	0.572132	1.7506	0.0854287	0.432442	-2.31245	0.753068	0.870101	-1.14929	0.548442	0.76512	-1.30698	1.88892	5.81532	2.73658	1
cg16580306	CD81	0.191449	0.802503	1.0848	1.0848	0.722605	0.579178	-1.72656	0.974691	1.00356	1.00356	0.0975923	1.8062	1.8062	0.472278	1.3809	1.3809	0.500882	0.803554	1.24447	0.227202	0.427837	-2.33734	0.77964	1.09538	1.09538	0.424541	0.767293	1.30328	1.88892	1.51593	1.48512	1
cg18221116	CREB3L1N1	0.191452	0.2880026	0.647257	-1.54498	?	?	?	0.0373163	2.5938	2.5938	0.207693	0.592188	-1.68865	0.331744	0.673736	-1.48426	0.573654	0.799141	-1.25134	0.35352	0.686282	-1.45713	0.55231	0.788908	-1.26758	0.123145	0.517536	-1.93223	1.89977	4.15959	2.18952	1
cg16822855	ENTPD3	0.191457	0.229125	1.54294	1.54294	0.0460666	2.19362	2.19362	0.579163	1.2123	1.2123	0.808974	0.920139	-1.08679	0.395355	0.741459	-1.34869	0.172543	0.607196	-1.64691	0.660375	0.862766	-1.15906	0.0784008	1.95742	1.95742	0.273963	1.47876	1.47876	1.88888	3.53282	1.66251	1
cg04491089	MBTPS1	0.191459	0.147927	1.65343	1.76884	0.28755	1.50027	1.50027	0.0650484	2.1404	2.1404	0.305216	0.457534	1.47574	0.255022	2.14021	2.14021	0.603879	1.21201	1.21201	0.357515	0.677332	-1.47638	0.155533	0.572199	-1.74764	0.664271	1.14043	1.14043	1.88887	4.03706	1.89982	1
cg00319686	MAP2K1	0.191459	0.387239	0.630935	-1.58495	0.425093	0.654897	-1.52696	0.426429	1.52502	1.52502	0.276382	0.55524	-1.80102	0.137429	0.435461	-2.29642	0.596758	0.757704	-1.31978	0.0211731	0.23689	-4.22136	0.0418767	0.295622	-3.3827	0.6738	0.8025213	-1.24609	1.88886	8.0784	3.80165	1
cg14496314	PTPN1	0.191462	0.819315	0.95956	-1.04214	0.415079	1.86045	-1.16218	0.194995	0.788086	-1.26808	0.163578	0.844964	-1.18356	0.144731	1.50659	1.50659	0.251845	1.24107	1.24107	0.0294554	1.61435	1.61435	0.787229	0.951124	-1.05139	0.895582	0.97748	-1.02304	1.88885	0.973766	0.458252	1
cg22745747	BMX	0.191462	0.0959973	5.18962	5.18962	0.158354	2.83876	2.83876	0.78892	0.830562	-1.204	0.507944	0.628317	-1.59155	0.0655954	0.239383	-4.17741	0.216843	0.245733	2.45733	0.519203	1.57162	1.57162	0.508869	1.08245	1.08245	0.990667	1.00813	1.00813	1.88885	14.3209	6.73937	1
cg05904795	LYPD2	0.191463	0.4391448	0.853808	-1.16949	0.628534	1.41586	1.41586	0.0911855	1.82183	1.82183	0.0822168	0.7168	-1.39545	0.154452	1.55831	1.55831	0.741689	1.26023	1.26023	0.0184966	1.77772	1.77772	0.0159942	1.12507	1.12507	0.478732	1.11527	1.11527	1.88885	1.54496	0.546226	1
cg23983453	NR2F1	0.191467	0.6646531	0.189718	-5.27099	0.0805505	0.211745	-4.72267	0.445558	1.86417	1.86417	0.595616	0.65116	-1.53572	0.339835	0.454796	2.19879	0.232083	0.36649	-2.72859	0.0384029	0.146399	-6.83063	0.116513	0.255129	-3.91958	0.293494	0.417792	-2.39353	1.88883	19.1901	9.03095	1
cg19701213	TMEM145	0.191469	0.441348	0.764269	-1.30844	0.637444	0.848852	-1.17806	0.0255086	2.48149	2.48149	0.181409	0.62548	-1.60258	0.800857	0.917094	-1.0904	0.45335	1.29895	1.29895	0.362884	0.72773	-1.37414	0.227622	0.648157	-1.54284	0.217541	1.55925	1.55925	1.88882	3.50746	1.65063	1
cg14215390	PHF20	0.191472	0.172321	1.47486	1.2138	0.104624	1.82972	1.82972	0.513795	1.13606	1.13606	0.0571224	0.44675	2.23882	0.0275597	0.448623	-2.22948	0.168464	0.405188	2.46802	0.0155777	0.344675	-2.90107	0.455657	0.4858	-2.05846	0.0153205	0.317254	-3.15275	1.8888	2.17776	1.02488	1
cg23524294	HIST1H2BO;HIST1H2BD	0.191474	0.071668	0.599521	-1.668	0.668815	1.11569	1.11569	0.0292714	1.92189	1.92189	0.395634	0.801474	-1.2477	0.702342	1.10261	1.10261	0.374821	0.793166	-1.26077	0.409618	0.806926	-1.23927	0.407102	1.24077	1.24077	0.539803	1.17106	1.17106	1.88879	1.93587	0.911047	1
cg16109017	KLHL29	0.191477	0.950707	0.981852	-1.01848	0.0605032	1.83583	1.83583	0.524531	1.64059	1.64059	0.648354	1.4228	1.4228	0.0663162	1.324	1.324	0.568094	1.18118	1.18118	0.424243	1.23813	1.23813	0.452653	1.37566	1.37566	0.311886	1.51228	1.51228	1.88884	1.13321	1.14879	1.79339	1
cg26033346	ZSWIM2	0.191476	0.0414692	0.430033	-2.3254	0.709229	1.1439	1.1439	0.787378	1.10189	1.10189	0.976327	0.9894071	-1.01071	0.305307	0.683186	-1.46373	0.604501	0.829001	-1.20627	0.0171731	0.352653	-2.83564	0.36213	0.714482	-1.39961	0.569737	1.22886	1.22886	1.88878	1.85353	1.81353	1
cg26225421	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.191478	0.715954	1.12489	1.12489	0.197463	0.644838	-1.55078	0.656916	0.865915	-1.15485	0.675992	0.873998	-1.14495	0.272024	0.691963	-1.44516	0.483481	1.25914	1.25914	0.012796	2.70704	2.70704	0.599222	1.18623	1.18623	0.451655	1.28013	1.28013	1.88877	3.10257	1.46012	1
cg24095592	HOXB3	0.191484	0.927201	1.03148	1.03148	0.0456686	1.92702	1.92702	0.199302	1.99302	1.99302	0.114126	0.23139	-2.51139	0.455226	0.14914	-6.70373	0.329744	1.71412	1.71412	0.0167516	0.264669	-3.7783	0.117977	0.48334	-2.06961	0.960509	0.98411	-1.01611	1.88874	8.5872	4.04135	1
cg19770116	IL17RD	0.191484	0.428499	0.826533	-1.20987	0.826306	1.05317	1.05317	0.11119	1.50529	1.50529	0.0556965	0.599892	-1.66697	0.298668	0.775768	-1.28904	0.573066	1.44446	1.44446	0.141908	1.45092	1.45092	0.708256	0.915213	-1.09264	0.193036	1.38558	1.38558	1.88874	1.66178	0.782078	1
cg08329801	OR52J1	0.191487	0.0379849	0.809367	-1.23544	0.0399991	1.171851	1.171851	0.18899	1.60202	1.60202	0.263744	0.713463	-1.40147	0.232187	0.708346	-1.41153	0.2853	0.650754	1.53662	0.0497232	0.2853	-3.50477	0.0307591	0.255124	-3.91994	0.425707	0.643099	-2.1395	0.0939741	0.171823	-5.81994	0.170731	0.149096	1.88876	0.5595	1
cg09747891	ADAMTS12	0.191492	0.0983043	0.313614	-3.18863	0.0294336	0.19393	-5.15649	0.112485	0.331192	-3.0194	0.504588	0.648523	-1.54197	0.0754126	0.281976	3.5464	0.255124	0.467732	-2.13798	0.0567727	0.251834	-3.97087	0.466183	0.622341	-1.60684	0.804976	0.853663	-1.17542	1.8887	12.2351	5.75829	1
cg05534333	LAGE3	0.191496	?	?	?	0.0709872	0.0644123	-15.525	0.7593	0.658473	-1.51867	0.118653	10.0041	10.0041	0.679373	0.565751	-1.76756	0.065538	0.0601994	-16.6115	?	?	0.705975	1.67413	1.67413	0.784504	1.45161	1.45161	1.91265	43.5904	26.0225	1
cg18637291	ERC2	0.191496	0.116605	0.72161	-1.40328	0.361137	0.829877	-1.205	0.123186	0.737585	1.35596	0.197789	0.762985	-1.31064	0.0223243	0.580341	-1.72307	0.297622	0.802034	1.24674	0.448798	0.931879	-1.09664	0.403949	0.852332	-1.17325	0.0356079	0.610654	-1.63759	1.88868	1.18126	0.559351	1
cg18543993	DCAF4L2	0.191497	0.363915	0.812846	-1.23025	0.88815	1.03175	1.03175	0.157738	1.39859	1.39859	0.0654971	0.631843	-1.58267	0.368933	0.814697	-1.22745	0.782551	0.940405	-1.06337	0.0422188	1.68153	1.68153	0.824759	1.05048	1.05048	0.486858	0.854793	-1.16987	1.88867	1.47534	0.694359	1
cg15678504	MSRA;MSRA;MSRA	0.191515	0.117107	0.749402	-1.33455	0.0809392	1.24636	1.24636	0.0474367	1.72158	1.72158	0.14585	0.698202	-1.43125	0.0102727	0.458353	-2.18226	0.366826	0.62071	-1.61152	0.0139843	0.4653	2.4653	0.0402655	0.803	1.2453	0.0387744	-2.57902	0.886443	1.88867	0.97948	0.406616	0.80866	0.72623	2.83151	1
cg06523224	BNC1	0.191515	0.210966	0.391416	-2.55483	0.80829	0.84114	-1.18886	0.153297	0.336811	-2.96902	0.256939	0.438082	-2.28435	0.0231729	0.550229	-1.81728	0.434688	0.23139	-4.32283	0.0122587	0.2737	3.6525	0.0132382	0.2737	3.6525	0.0132382	0.2737	3.6525	0.0132382

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg05128246	KHDRBS3	0.191734	0.288267	1.469386	0.146886	1.512287	0.55823	-1.79138	0.23585	0.637671	1.156821	0.462476	0.770394	-1.29804	0.270343	0.67014	-1.49223	0.184791	1.612304	-1.63318	0.104354	1.85741	1.85741	0.370369	1.62059	0.923154	0.966911	-1.03422	1.88747	3.63588	1.71229	1
cg13474897	DAB1	0.191735	0.284732	0.735265	-1.36005	0.0322968	2.0012	2.0012	0.236806	0.709653	-1.40194	0.380978	0.779822	-1.28234	0.942577	0.845833	-1.18227	0.238431	1.40738	1.40738	0.290826	1.35442	1.35442	0.279718	0.732715	-1.36479	0.701435	1.1125	1.1125	1.88746	2.28953	1.07824	1
cg14623093	GORASP1;GORASP1;TTC21A;TTC21A	0.191735	0.171722	3.05648	3.05648	0.786243	1.23213	1.23213	0.700723	1.34522	1.34522	0.57987	0.650909	-1.53631	0.145959	0.301597	-3.31569	0.583949	0.652474	-1.53263	0.0328775	6.79679	6.79679	0.250382	0.397585	-2.51518	0.2410353	2.56625	2.56625	1.88746	17.6278	8.30168	1
cg11045301	GNPNAT1	0.19174	0.367926	1.22215	1.22215	0.668703	0.910861	-1.09782	0.458342	1.17798	1.17798	0.288211	1.2702	1.2702	0.176895	1.36528	1.36528	0.890383	1.03036	1.03036	0.0792827	0.65335	-1.5293	0.1843	1.59728	1.35728	0.041837	1.66335	1.66335	1.88744	1.40657	0.662422	1
cg21741284	CDKN1C;CDKN1C;CDKN1C	0.191741	0.652647	0.845112	-1.18328	0.229565	0.623582	-1.60364	0.0355993	0.403096	-2.4808	0.868878	1.06329	1.06329	0.0205045	0.43706	-2.28801	0.050676	0.437321	-2.28665	0.507461	0.798392	-1.2533	0.113083	0.527007	-1.89751	0.0388885	0.693393	-1.44218	1.88743	4.12415	1.94227	1
cg01753327	BMP1	0.191749	0.477603	1.12836	1.12836	0.6422435	1.47894	1.47894	0.617436	1.08787	1.08787	0.604935	0.916418	-1.0912	0.183902	1.08795	1.08795	0.918184	0.981645	-1.0188	0.0285133	1.54075	1.54075	0.921602	0.983689	-1.01658	0.582278	1.00737	1.00737	1.88739	0.836167	0.393802	1
cg26868306	SVIL;SVIL	0.191752	0.316034	0.645938	-1.54814	0.665348	0.832372	-1.20139	0.477961	0.773738	-1.35549	0.327027	0.652728	-1.53203	0.128477	0.500207	-1.99917	0.0585529	0.406176	-2.46198	0.0252969	0.3258731	-3.0687	0.345714	1.50595	1.50595	0.195544	0.561502	-1.78094	1.88738	5.31336	2.5024	1
cg01130096	UCK2;CHCHD7	0.191753	0.452145	1.14965	1.14965	0.6552228	0.526365	-1.89002	0.565788	1.187	1.187	0.0518287	0.520254	-1.92214	0.819579	1.07127	1.07127	0.758383	1.09539	1.09539	0.309524	1.19426	1.19426	0.110628	1.67091	1.67091	0.278794	0.717077	-1.39456	1.88737	2.6067	1.22757	1
cg16382436	C14orf129	0.191756	0.0972507	0.1334145	-7.51062	0.0839177	8.32248	8.32248	0.0887139	7.99096	7.99096	0.957193	1.32087	1.32087	0.0222749	-1.42272	0.693953	0.645225	-1.54985	0.449587	0.425866	-2.34816	0.593392	1.81682	1.81682	0.360961	0.309824	-3.22984	1.88736	39.6911	17.2804	1
cg26181743	PYCR1;PYCR1	0.191763	0.076532	0.219663	-4.55242	0.336073	0.466237	-2.14483	0.188055	0.341952	-2.92439	0.718381	0.756846	-1.32127	0.0461687	0.172476	-5.79789	0.152027	0.307126	-3.25599	0.0241812	0.126478	-7.9065	0.962957	0.964903	-1.03637	0.342947	0.471601	-2.12044	1.88732	17.6898	8.33151	1
cg24034568	CLCN2;CLCN2;POLR2H;CLCN2;CLCN2	0.191764	0.130578	1.36772	1.36772	0.7312	0.231731	1.35706	0.538637	1.374893	1.8970513	-1.11481	0.1636349	1.20014	0.0971426	1.20772	1.20772	0.0648228	1.673942	1.69845	0.0156054	1.55824	1.55824	0.0653127	1.42022	1.42022	0.905152	1.00956	1.00956	1.88732	1.09956	0.5178772	1
cg04240580	PRPF40B	0.191765	0.0152611	0.3704456	-2.69938	0.645572	1.16691	-1.16691	0.302025	1.40828	1.40828	0.389179	0.745169	-1.34198	0.695582	1.14005	1.14005	0.218306	0.64946	-1.53974	0.244069	0.666159	-1.50114	0.389196	1.34196	1.34196	0.899544	1.04299	1.04299	1.88731	3.32093	1.5641	1
cg18449956	RNF2 PPP2RSC;PPP2RSC;PPP2RSC;PPP2RSC;P	0.191769	0.822793	1.07786	1.07786	0.459505	0.777442	-1.28627	0.37401	1.35567	1.35567	0.551033	0.817393	-1.2234	0.0279146	0.419631	-2.38305	0.161663	0.606792	-1.64801	0.925113	0.960062	-1.03193	0.316999	1.41309	1.41309	0.0699954	0.508034	-1.96837	1.88729	3.33993	1.57306	1
cg27635587	PP2RSC	0.191771	0.120652	0.47911	-2.0872	0.0527211	0.381875	-2.61866	0.0814339	0.262681	0.429861	-2.32633	0.926682	1.04105	1.04105	0.182531	-5.48476	0.625524	1.23987	1.23987	0.278998	0.607281	1.62022	1.62022	0.892045	1.06116	1.06116	1.88728	5.7119	2.69024	1
cg07804577	SERPINF2;SERPINF2;SERPINF2	0.191771	0.688311	0.935594	-1.06884	0.742016	0.75861	-1.3182	0.762822	1.05122	1.05122	0.0143776	1.64556	1.64556	0.0857997	1.08589	1.08589	0.95826	0.990276	-1.00982	0.50486	1.11801	1.11801	0.599029	0.916314	-1.0913	0.2538386	0.823089	-1.21494	1.88728	0.81467	0.3837	1
cg06948630	CPSF2;NDUFB1	0.191772	0.1111384	2.0083	2.0083	0.2906004	0.643582	-1.5538	0.545628	1.2786	1.2786	0.758323	1.13203	1.13203	0.0245577	2.93336	2.93336	0.312374	1.52186	1.52186	0.348628	0.678591	-1.47364	?	?	?	0.531523	1.29004	1.29004	1.8981	4.31477	2.2732	1
cg01197613	GOLSYN;GOLSYN	0.191777	0.807934	0.906599	-1.10302	0.37385	1.44415	1.44415	0.874463	0.938322	-1.06573	0.713676	1.15994	1.15994	0.140726	0.528339	-1.89358	0.61139	0.813594	-1.22912	0.0538576	0.414256	-2.41397	0.157562	0.544197	-1.83757	0.0295306	0.356188	-2.80593	1.88725	4.84492	2.28194	1
cg25368499	PTPRS;PTPRS;PTPRS;PTPRS	0.191777	0.820834	1.26904	-1.71602	0.4938125	0.720377	-1.38816	0.681779	1.21134	1.21134	0.7917163	1.12927	1.12927	0.120502	1.44596	1.44596	0.923983	0.903155	-1.10723	0.404313	1.49596	1.49596	0.57264	1.2263	1.2263	0.0797993	0.399476	-2.50328	1.88725	0.659	0.33636	1
cg09879727	GFER	0.191777	0.0362866	0.169126	-5.91276	0.478115	1.693	1.693	0.614643	1.44581	1.44581	0.361066	0.503867	-1.98465	0.582597	0.666829	-1.49963	?	?	?	0.0601972	4.6999	4.6999	0.460356	0.577682	-1.73106	0.9575	0.961841	-1.03967	1.89807	14.2417	7.50323	1
cg22825116	RPIA	0.191777	0.0860457	0.480571	-2.0052	0.3880284	1.05446	1.05446	0.231109	1.6313	1.6313	0.364845	0.647859	-1.49732	0.638551	1.19083	1.19083	0.813792	0.914291	-1.09374	0.3384615	2.43979	2.43979	0.368285	1.74617	1.74617	0.503939	1.29376	1.29376	1.88725	4.31083	2.03039	1
cg23704362	C8orf46;C8orf46	0.191778	0.990406	0.955583	-1.04648	0.0374232	0.284747	-3.5119	0.393058	1.5763	1.5763	0.199012	2.02503	2.02503	0.0132464	0.594499	-1.68209	0.202455	0.496617	-2.01362	0.340179	0.599721	-1.66744	0.160439	0.458441	-2.1813	0.367835	1.61792	1.61792	1.88725	8.08648	3.80872	1
cg24080153	WNT5A	0.191782	0.654689	0.832743	-1.20103	0.454322	0.08669	-3.98758	0.0883155	0.403831	0.03313	0.0313	0.03313	0.03313	0.0313081	1.36383	1.36383	0.0822478	0.31327	-3.19161	0.0134961	0.808759	-1.45612	0.0210698	0.830789	-1.19504	0.872573	1.02908	1.02908	1.88718	0.60493	0.4472891	1
cg03353804	HEATR2	0.191793	0.190848	0.375695	-2.66173	0.0222558	0.144198	-6.93493	0.0490455	0.204297	-4.89484	0.208091	0.39138	-2.55506	0.103425	0.283982	3.52135	0.224786	0.406086	-2.46253	0.108449	0.290073	-3.44742	0.428639	0.56489	-1.77026	0.344203	0.502251	-1.99104	1.88717	14.9309	7.03273	1
cg00079023	PURA	0.191796	0.863317	0.94918	-1.05354	0.401893	1.30953	1.30953	0.10068	1.76188	1.76188	0.33884	1.36327	1.36327	0.344392	0.736291	-1.35816	0.786587	0.918236	-1.08904	0.0252336	0.433257	-2.3081	0.0972001	0.708094	-1.41224	0.582287	0.839782	-1.19079	1.88716	2.95292	1.39089	1
cg15585145	PRDM2;PRDM2;PRDM2;PRDM2 HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HT	0.191797	0.562518	1.14975	1.14975	0.5107	0.856562	1.18565	0.354564	0.57584	0.57584	0.0739554	0.854496	1.16452	0.0150504	0.579552	-1.72557	0.805645	1.88209	1.12968	0.587959	0.65128	1.46128	1.46128	0.0854699	1.53997	1.53582	1.99079	1.99079	1.88715	14.7096	6.76844	1
cg04091561	R4	0.191799	0.247588	0.770886	-1.29721	0.185101	1.35327	1.35327	0.561829	0.881384	-1.13458	0.353607	0.814285	-1.22807	0.304115	0.795251	-1.25747	0.200347	0.747386	-1.338	0.366439	0.818952	-1.22107	0.632401	1.10931	1.10931	0.0379215	1.67881	1.67881	1.88714	1.38487	0.652309	1
cg19373545	C1orf113;C1orf113	0.19918	0.402418	1.91828	1.91828	0.0834401	12.9726	12.9726	0.0674344	4.74808	4.74808	0.259829	2.36958	2.26958	0.175817	2.9869	2.9869	0.301429	2.25671	2.25671	0.438011	1.82464	1.82464	0.306448	2.23569	2.23569	0.445711	1.80567	1.80567	1.88714	17.2721	8.13561	1
cg26068911	GPR98;GPR98	0.191803	0.954427	0.98133	-1.01903	0.457287	0.779089	-1.28355	0.305909	0.70498	-1.41848	0.536806	0.813629	-1.22906	0.794196	1.09004	1.09004	0.206444	1.55185	1.55185	0.0845161	1.87619	1.87619	0.0250435	2.40874	2.40874	0.627789	0.851191	-1.17483	1.88712	3.25029	1.53098	1
cg05753595	CDLSA1	0.191806	0.1220125	0.3884537	-2.57473	0.3062025	1.61656	-1.62232	0.115093	1.36024	-2.53149	0.13272	0.4143288	1.07285	0.0127325	0.2833772	-3.52949	0.1617383	1.10561	1.10561	0.0843187	1.73242	-2.34528	0.0368672	0.1317381	-3.15078	0.1897373	0.470264	-2.12647	1.88711	8.81774	4.15344	1
cg13138543	TMTC1	0.191807	0.0937886	0.480524	-2.08106	0.164338	1.80417	1.80417	0.808765	0.908124	-1.10117	0.800233	1.1061	1.1061	0.0947951	0.48181	-2.07551	0.117788	0.508885	-1.96508	0.419386	0.720269	-1.38837	0.52377	1.293	1.293	0.102921	0.491854	-2.03313	1.8871	4.72736	2.22675	1
cg04122846	VOPP1	0.191811	0.0981851	0.2868424	-3.48607	0.0819574	0.597474	0.597474	0.0892387	0.607456	0.607456	0.0722562	0.407884	-2.45094	0.0242402	0.363932	-2.7562	0.0829478	0.337437	-2.96397	0.0241007	0.407884	-2.45094	0.0242402	0.363932	-2.7562	0.0498669	0.704468	-1.64474	0.0838858	1.88711	0.601614	0.2833	1
cg09463755	CRBN	0.191812	0.363359	0.837406	-1.19416	0.10131	0.718521	-1.39175	0.635331	0.913251	-1.09499	0.779223	1.31129	1.31129	0.988146	1.00283	1.00283	0.0757918	1.687021	-1.45556	0.603266	1.10472	1.10472	0.100436	1.40752	1.40752	0.386648	1.18361	1.18361	1.88708	1.07835	0.507944	1
cg04222084	DUSP10;DUSP10	0.191813	0.261033	1.51476	1.51476	0.188146	1.63892	1.63892	0.32887	1.43581	1.43581	0.741656	0.889413	-1.12434	0.232163	1.55877	1.55877	0.324957	1.43345	1.43345	0.0220627	0.378101	-2.64478	0.097551	1.14821	1.14821	0.796476	0.912507	-1.09588	1.88707	3.75075	1.76676	1
cg04661382	C11orf87	0.191815	0.6758207	1.0943575	1.0943575	0.6454322	0.08669	-3.98758	0.0883155	0.403831	0.03313	0.0313	0.03313	0.03313	0.0313081	1.36383	1.36383	0.0822478	0.31327	-3.19161	0.0134961	0.808759	-1.45612	0.0210698	0.830789	-1.19504	0.872573	1.02908	1.02908	1.88718	0.60493	0.4472891	1
cg02604972	TTBK1	0.19182	0.326989	1.43649	1.43649	0.578579	0.818043	-1.22243	0.0786542	0.497037	-2.01192	0.137784	0.564373	-1.77188	0.0494702	0.44826	-2.23085	0.413104	0.74118	-1.34919	0.255447	0.653799	-1.52952	0.362495	1.39796	1.39796	0.174582	0.596376	-1.67679	1.88703	3.82902	1.80367	1
cg04042854	C5orf21	0.191825	0.352603	1.63583	1.63583	0.315051	1.40299	1.40299	0.451387	0.778996	-1.2837	0.130902	1.7017	1.7017	0.0935265	0.572937	-1.74513	0.201735	0.333662	-2.99716	0.0139168	0.260667	2.26067	0.0449837	1.26032	1.26032	0.88685	1.1746	1.14955	1
cg04464523	PARP11	0.191823	0.462715	1.23539	1.23539	0.461495	1.23613	1.23613	0.886203	1.04132	1.04132	0.584061	1.16922	1.16922	0.0932709	0.975725	1.02488	0.966323	0.988132	-1.01201	0.0417798	2.96042	2.96042	0.138245	1.10487	1.10487	0.346316	1.31769	1.31769	1.88702	2.38983	1.12574	1
cg06319359	USP48;USP48;USP48;USP48	0.191823	0.291203	0.671269	-1.48972	0.345745	1.42387	1.42387	0.279384	1.5057	1.5057	0.401571	0.731665	-1.36674	0.591581	1.21787	1.21787	0.317564	1.45641	1.45641	0.0865444	1.99169	1.99169	0.992844	1.00327	1.00327	0.0221939	2.71216	2.71216	1.88702	3.95795	1.86441	1
cg00419543	OLA1;OLA1	0.191825	0.217531	1.92993	1.92993	0.1775436	1.54526	1.54526	0.190711	1.88305	1.88305	0.12955	0.62835	1.91583	0.0170615	0.45824	1.98313	0.0438161	0.458204	1.94213	0.0194818	0.963164	1.04025	1.04025	0.478977	0.70544	-1.41755	0.82701	1.88685	0.63468	0.3146	1
cg23210533	LOC728661;CDK11B;CDK11B;CDK11B;C DK11B;CDK11B;CDK11B	0.191825	0.048262	0.589095	-1.69752	0.97041	0.994064	-1.00597	0.193871	0.72449	-1.38028	0.898426	0.970502	-1.03039	0.262664	0.760478	-1.31496	0.0107585	0.417748	-2.11978	0.369315	0.805599	-1.24131	0.601337	0.883737	-1.13156	0.473175	1.842777	-1.18655	1.88701	1.64279	0.773847	1
cg20566475	CHPF;LHPP	0.191827	0.192146	0.463721	-2.15647	0.0109915	0.16932	-5.90599	0.439276	0.644629	-1.55128	0.770918	0.850003	-1.17647	0.76476	0.846164	-1.1818	0.0928785	0.357314	-2.79866	0.378137	0.60451	-1.65423	0.133616	0.406337	-2.46101	0.717273	1.22436	1.22436	1.887	9.25963	4.36184	1
cg20881174	ZFR;ZFR2	0.19183	0.75609	1.16547	1.16547	0.3108586	1.57608	1.57608	0.1452	1.12384	1.12384	0.0450109	2.83277	2.83277	0.0187978	1.24655	1.24655	0.162505	1.96537	1.96537	0.0139251	1.88864	1.88864	0.0170202	2.14553	2.14553	0.0482764	1.71948	1.71948	1.88698	12.9545	6.28463	1
cg06030326	TMEM150C	0.191832	0.19222	1.57487	1.57487	0.18007	1.1115	1.1115	0.899605	0.94264	-1.06024	0.868814	1.0559	1.0559	0.309388	1.41359	1.41359	0.672493	1.15216	1.15216	0.0254098	2.35824	2.35824	0.190413	2.39304	2.39304	0.470013	0.785187	-1.27358	1.88697	3.2355	1.52413	1
cg04637129	SNX20	0.191839	0.711703	1.10218	1.10218	0.494266	0.833662	-1.19953	0.117447	0.640396	-1.56153	0.119418	1.5572	1.5572	0.325937	0.766568	-1.30452	0.595226	1.15089	1.15089	0.194634	1.43275	1.43275	0.185969	0.692438	-1.44417	0.10161	0.625164	-1.59958	1.88694	2.0529	0.967071	1
cg06799455	LTTF1	0.191844	0.287504	1.60453	1.60453	0.165714	1.52554	1.52554	0.362697	1.30642	1.30642	0.931581	0.877703	-1.13976	0.0241961	0.732253	-1.36562	0.0944457	0.946445	-1.05659	0.0353625	0.480037	-2.08484	0.102224	1.02829	1.02829	0.0482946	0.524817	-1.90543	1.88693	2.43927	1.1408	1
cg07191594	SLC12A5	0.191842	0.809606	0.939741	-1.06412	0.0769696	0.602674	-1.65927	0.160466	1.47117	1.47117	0.987591	1.00401	1.00401	0.754419	1.08415	1.08415	0.113201	0.641555	-1.55871	0.059103	0.577675	-1.73108	0.388262	1.25569	1.25569	0.386602	0.795709	-1.25674	1.88692	1.9813	0.933348	1
cg05592114	C1R	0.191844	0.378304	0.728053	-1.37353	0.0663559	2.06061	2.06061	0.195957	1.63651	1.63651	0.213917	0.658153	-1.5194	0.288298	0.679048	-1.47265	0.771546	1.10762	1.10762	0.323072	0.698812	-1.431	0.971794	0.987662	-1.01249	0.0723656	0.494287	-2.02312	1.88691	3.68418	1.73555	1
cg25910494	APBB2;APBB2;APBB2	0.191846	0.07506068	0.3415526	-2.92709	0.386588	0.619099	-1.61525	0.0667497	0.763053	-1.31052	0.364626	0.69002	-1.44959	0.0604558	0.61295	-1.63147	0.219319	1.00946	1.00946	0.0155	1.0077	1.0077	0.0440366	1.52975	1.52975	0.134956	0.418699	-2.38851	1.8869	8.72215	4.0887	1
cg01385168	FBXO22;FBXO22	0.191846	0.637863	1.23964	1.23964	0.765246	0.873116	-1.14532	0.979637	1.01163	1.01163	0.280695	0.601658	-1.66207	0.102441	0.444949	-2.24745	0.0476249	0.358708	-2.78778	0.118614	2.15464	2.15464	0.338405	1.56384	1.56384	0.400236	1.47723	1.47723	1.8869	6.13556	2.89037	1
cg07319788	EGFR;EGFR;EGFR;EGFR	0.191849	0.276982	1.44044	1.44044	0.5004	0.740149	-1.35056	0.468281	1.15876	1.15876	0.621398	1.14278	1.14278	0.424646	0.878465	-1.13814	0.161295	1.19362	1.19362	0.0818898	1.3162	1.3162	0.0941661	1.10103	1.10103	0.500906	1.1506	1.1506	1.88688	1.53978	0.7135	1
cg13141657	SOBP;SOBP	0.191856	0.916712	1.03622	1.03622	0.332171	0.711582	-1.40532	0.462943	0.778469	-1.28457	0.285957	0.685984	-1.45776	0.427668	0.759245	-1.3171	0.015814	0.365851	-2.73336	0.20863	1.5696	1.5696	0.653535	1.1661	1.1661	0.334126	1.40327	1.40327	1.88685	3.45683	1.6285	1
cg20708031	PBX4B	0.191857	0.352603	1.63583	1.63583	0.315051	1.40299	1.40299	0.451387	0.778996	-1.2837	0.130902	1.7017	1.7017	0.0935265	0.572937	-1.74513	0.201735	0.333662	-2.99716	0.0139168	0.260667	2.26067	0.0449837	1.26032	1.26032	0.88685	1.1746	1.14955	1
cg04846781	TNXB;TNXB	0.191857	0.0542354	0.419801	-2.38618	0.786462	0.897535	-1.11416	0.291841	0.646997	-1.5456	0.167473	0.556679	-1.79637	0.0591	0.42808	-2.33601	0.51093	1.30402	1.30402	0.045018	0.400221	-2.49862	0.241889	0.614073	-1.62847	0.280896	0.64006	-1.56235	1.88685	4.73618	2.23121	1
cg08623556	VASH2;VASH2;VASH2	0.191859	0.796541	0.938997	-1.06497	0.380108	0.803083	-1.2452	0.106857	0.651249	-1.53551	0.247913	1.34215	1.34215	0.019208	0.501507	-1.99399	0.65765	0.897041	-1.11478	0.282007	1.31306	1.31306	0.677329	0.903081	-1.10732	0.397658	0.809791	-1.23489	1.88683	1.77352	0.835505	1
cg00169122	ANKRD11	0.191863	0.8221324	1.0944645	1.0944645	0.5163714	1.52554	1.52554	0.362697	1.30642	1.30642	0.931581	0.877703	-1.13976	0.0241961	0.732253	-1.36562	0.0944457	0.946445	-1.05659	0.0353625	0.480037	-2.08484	0.102224	1.02829	1.02829	0.0482946	0.524817	-1.90543	1.88683	2.43927	1.1408	1
cg08757037	HSPB1	0.191864	0.0968367	0.5367853	-1.86366	0.556137	1.22549	-1.22549	0.915504	0.964399	-1.03692	0.415122	0.752378	-1.32912	0.196927	0.62753	-1.59355	0.337171	0.713207	-1.40212	0.02182	0.390578	-2.56031	0.220439	1.55277	1.55277	0.789734	0.912755	-1.09558	1.88681	3.48637	1.64245	1
cg15.3310449	MORF4L1;MORF4L1	0.191866	0.0955884	0.4726472	-2.11566	0.3258546	0.861256	-1.16122	0.3859955	0.513622	-1.94606	0.3878485	0.614218	-1.62819	0.653044	0.889542	-1.12444	0.2349868	0.8012	-1.24802	0.5346886	0.8499313	-1.17659	0.7184	0.9203336	-1.08656	0.8683221	1.20086	1.20086	1.88677	1.44044	0.6685	1
cg07518353	RGL3;RGL3	0.191868	0.294458	0.829072	-1.20617	0.205326	0.794256	-1.25904	0.480334	0.883666	-1.13165	0.80214	1.04423	1.04423	0.0151242	0.597758	1.67292	0.775645	1.05049	1.05049	0.153479	0.768381	-1.30144	0.544888	0.899754	-1.11141	0.246443	1.23238	1.23238	1.88679	0.888041	0.418366	1
cg17277949	LOC441046	0.191871	0.341108	0.487435	-2.05156	0.121688	0.741791	1.41791	0.603217	0.681042	-1.46834	0.799155	0.829956	-1.20488	0.45103	0.557983	-1.79217	0.556433	0.6678	-1.49762	0.0427661	0.53172	5.51972	0.6556003	0.54315	4.54315	0.95976	0.963715	-1.03765	1.88678	16.0347	7.55419	1
cg16696730	RSPH1	0.191873	0.625418	1.08243	1.08243	0.4154274	1.41147	1.41147	0.0937407	1.08717	1.08717	0.425613	1.16641	1.16641	0.0205955	0.626724	1.59675	0.161295	1.19362	1.19362	0.0818898	1.3162	1.3162	0.0941661	1.10103	1.10103	0.500906	1.1506	1.1506	1.88677	1.53978	0.7135	1
cg08804136	DTX2;DTX2;DTX2;DTX2	0.191873	0.64171	0.85614	-1.16803	0.33059	1.39481	1.39481	0.950919	0.979804	-1.02061	0.0139193	0.365316	-2.73736	0.123849	0.575576	-1.73739	0.208952	0.644684	-1.55115	0.223768	0.65466	-1.52751	0.658827	0.863053	-1.15868	0.230885	0.659304	-1.51675	1.88677	3.28288	1.54662	1
cg24433447	POU6F2;POU6F2	0.191874	0.833271	1.16068	1.16068	0.55028	0.361738	-2.76439	0.243979	0.28524	3.50645	0.0668247	1.00928	1.00928	0.0966403	0.41155	-2.42995	0.0657053	1.14704	1.14704	0.0360908	0.894031	1.11849	0.0846691	1.16377	1.16377	0.0262041	1.04437	1.04437	0.371189	1.23821	1.23821	1.88676	1.61809	0.762315	1
cg04846781	TNXB;TNXB	0.191878	0.03272101	0.5354433	-1.86765	0.1611109	0.687851	-1.4538	0.0488324	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	Fold-Change(2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg07406704	NDUFAB1	0.1920263	0.258413	0.766477	-1.30467	0.257128	0.765378	-1.30569	0.203971	0.73907	-1.35128	0.983489	0.995344	-1.00468	0.488688	1.17192	1.17192	0.313971	0.70886	-1.26605	0.0452687	0.87866	1.67866	0.0878515	0.6451193	-1.53564	0.949342	1.01443	1.01443	1.8858	1.519316	0.71607	1
cg13695045	VWA5A;VWASA	0.192067	0.660741	0.885747	-1.12899	0.2315107	0.474327	2.10825	0.774474	0.924116	-1.08211	0.102126	1.6347	1.6347	0.469234	1.22418	1.22418	0.5369	1.842175	-1.1874	0.36094	1.29433	1.29433	0.213865	1.43265	1.43265	0.979901	1.00694	1.00694	1.88578	2.25379	1.06235	1
cg00036522	MTM1	0.192072	0.062292	0.167171	-5.9819	0.810055	1.22783	1.22783	0.566349	1.639	1.639	1.639	0.442644	1.94887	1.94887	0.766334	1.28921	1.28921	0.984412	0.983485	-1.01679	0.0773202	0.18751	-5.33303	0.0722213	0.180826	-5.53019	0.117327	0.234578	-4.26298	1.88576	21.6998	10.2286	1
cg25440208	LPAR6;LPAR6;RB1	0.192075	0.645316	1.12059	1.12059	0.753292	1.08576	1.08576	0.806644	1.06209	1.06209	1.06209	0.4402	1.82471	-1.21334	0.42285	1.22276	1.22276	0.126882	1.50021	1.50021	0.00731427	2.3482	2.3482	0.88096	1.06502	-1.03556	0.798186	1.06497	1.06497	1.8824	0.8496	0.8496	1
cg08206691	LYG1	0.192076	0.197369	0.591451	-1.69076	0.0210005	0.3429987	-2.91556	0.0707449	0.459225	-2.17758	0.199641	0.593198	-1.68578	0.128911	0.533115	-1.88212	0.583805	0.80798	-1.23765	0.137563	0.539329	-1.8521	0.0944491	0.49239	-2.03091	0.654519	0.840641	-1.18957	1.88574	4.43595	2.09099	1
cg24425757	GAUNT1	0.192077	0.167356	0.434851	-2.30228	0.536682	1.42515	1.42515	0.85758	1.10707	1.10707	1.10707	0.301056	1.545102	1.83452	0.017201	0.195337	0.115988	0.402287	0.615456	-1.62481	0.0801001	0.333026	-3.00277	0.839127	0.891272	-1.12199	0.146375	0.413595	-2.41782	1.88573	0.57679	0.57679	1
cg16235803	WNK3;WNK3	0.192078	0.127367	0.228129	-4.38348	0.208101	0.304309	-3.28613	0.94754	1.06076	1.06076	1.06076	0.0973413	5.10827	5.10827	0.0720416	6.04919	6.04919	0.144897	0.245745	-4.06926	0.998925	1.00121	1.00121	0.931672	0.926008	-1.0799	0.782768	1.28114	1.28114	1.88573	23.9983	11.3122	1
cg18626709	LEPREL1;LEPREL1;LEPREL1	0.192081	0.0764099	1.44626	1.44626	0.323112	1.21042	1.21042	0.202001	2.729232	1.28837	0.411813	0.854686	-1.17852	0.136892	1.34962	1.34962	0.0390204	1.56376	1.56376	0.654819	1.08808	1.08808	0.561419	1.11614	1.11614	0.55814	1.11719	1.11719	1.88571	1.04567	0.49291	1
cg25189074	TMEM42;MIR564	0.192085	0.00610196	0.08093888	-12.3476	0.523629	1.57232	1.57232	0.849119	1.14265	1.14265	1.14265	0.0179762	2.830892	-1.20353	0.652132	1.37402	1.37402	0.760646	0.807402	-1.23854	0.289424	0.463045	-2.15962	0.388257	0.518403	-1.85735	0.637483	0.717245	1.39422	1.88569	14.6414	6.90176	1
cg14760438	SYNGAP1	0.192085	0.167365	1.21516	1.21516	0.0757113	0.769698	-1.29921	0.145551	0.813088	-1.22988	0.217796	1.18727	1.18727	0.4139	1.11694	1.11694	0.309893	1.14927	1.14927	0.542603	0.921635	-1.08503	0.453492	0.903836	-1.10639	0.240434	0.849818	-1.17672	1.88569	0.523571	0.246804	1
cg12257429	CDL23A1	0.192089	0.198176	0.80845	-1.23702	0.0744961	1.78193	1.78193	0.0503163	1.97457	1.97457	1.97457	0.0285154	14.0536	14.0536	0.686705	1.60442	1.60442	0.167569	0.47989	-2.08373	0.0944342	1.49549	1.49549	0.212855	1.34899	1.34899	0.204668	3.91336	3.91336	1.88567	31.037	14.6306	1
cg00179906	SH3BP1;MGC12916	0.19209	0.540382	0.660681	-1.50131	0.208642	2.13137	2.13137	0.0830046	3.15953	3.15953	3.15953	0.507627	0.6684	-1.49611	0.86334	1.90189	1.90189	0.0903895	-1.10878	0.295446	0.521895	-1.91609	0.0400682	0.241224	-4.14553	0.507524	0.667157	-1.4989	0.252919	0.488845	-2.04564	1.88567	10.7283	5.05726	1
cg00460788	CBFA2T3;CBFA2T3	0.192092	0.0572055	1.42783	1.42783	0.224191	1.14171	1.14171	0.0396231	1.48277	1.48277	1.48277	0.942173	1.01208	1.01208	0.423957	1.14475	1.14475	0.867881	0.972815	-1.02794	0.0424686	1.47159	1.47159	0.708658	1.06411	1.06411	0.591704	0.914268	-1.09377	1.88565	0.81842	0.3858	1
cg24300439	NAP8	0.192094	0.110352	0.738743	-1.35301	0.585308	1.10063	1.10063	0.800712	0.958238	-1.04358	0.133552	0.754568	-1.32526	0.307784	1.20168	1.20168	0.40191	0.863316	-1.16101	0.327645	0.838749	-1.19225	0.0187561	0.609194	-1.64151	0.75742	0.947512	-1.0554	1.88565	0.904427	0.426344	1
cg02770534	PAX2;PAX2;PAX2;PAX2;PAX2	0.1921	0.548799	0.835569	-1.19679	0.920707	0.970947	1.02992	0.623644	0.863772	-1.15771	0.672084	1.13437	1.13437	0.646054	0.872254	1.14646	0.152772	0.635433	-1.57373	0.444191	1.25983	1.25983	0.0107401	2.5837	2.5837	0.708393	0.894712	-1.11768	1.88561	2.61852	1.23438	1
cg02104648	WDR76;WDR76	0.192096	0.0772122	1.910658	1.32081	0.286905	1.57186	1.57186	-1.19104	0.153201	0.53128	1.86818	0.935963	1.09249	1.09249	0.262621	1.32121	1.32121	0.515121	0.675194	-1.48106	0.0530206	0.270186	-3.70115	0.0737297	0.377371	-2.65007	0.0338621	0.228896	-4.3688	1.88559	9.5709	4.58742	1
cg15625558	C17orf63;C17orf63	0.192113	0.225083	0.548688	-1.82253	0.778688	1.14193	1.14193	0.183686	0.514554	-1.94343	0.478724	0.712305	-1.40389	0.0314146	0.304518	-3.28388	0.103824	0.432626	-2.31146	0.0578875	0.364205	-2.7457	0.644091	0.803199	-1.24502	0.0807206	0.401547	-2.49037	1.88555	6.62708	3.12415	1
cg17764986	NUMBL	0.192114	0.720193	0.889439	-1.12451	0.143611	1.73558	1.73558	0.0495846	2.19459	2.19459	2.19459	0.786525	0.906647	-1.10297	0.182795	0.608959	-1.64215	0.133933	0.566835	-1.76447	0.0296426	0.702495	-1.4235	0.556375	1.24553	1.24553	0.414724	0.746387	-1.33979	1.88555	3.67604	1.73297	1
cg25316172	CYFIP2;CYFIP2;CYFIP2	0.192115	0.0517571	0.275489	-3.62991	0.151449	0.508629	-2.44721	0.521935	0.689837	-1.44962	0.0414993	0.635386	-1.57385	0.0725978	0.314455	-3.18016	0.045277	0.262519	-3.80925	0.0121342	0.339726	-2.94355	0.127514	0.383035	-2.61073	0.158238	0.414533	-2.40733	1.88555	10.1269	4.77405	1
cg16761484	ZNF804B;MGC26647	0.192118	0.295248	0.628492	-1.59111	0.223063	0.576226	-1.72943	0.0679446	0.416965	-2.39828	0.198611	0.559191	-1.7883	0.0825224	0.439189	-2.27692	0.349646	0.662367	-1.50974	0.0205587	0.309086	-3.29939	0.680762	1.19364	1.19364	0.72479	0.859639	-1.16328	1.88553	5.46702	2.5773	1
cg20830994	PECAM1	0.192123	0.404503	0.760994	-1.31453	0.203842	0.644774	-1.55093	0.0639163	0.574566	-2.66976	0.591911	1.25167	1.25167	0.166244	0.802063	0.344648	0.321263	0.653707	-1.5292	0.0254298	0.337262	-3.00979	0.560238	1.27677	1.27677	0.515879	0.758328	1.31869	1.88553	5.13881	2.42258	1
cg26867890	KIF6	0.192121	0.681173	0.857714	-1.16589	0.715322	0.872768	-1.14578	0.676107	1.16894	1.16894	1.16894	0.545628	1.25511	1.25511	0.861827	0.937327	-1.06686	0.778958	1.1102	1.1102	0.381204	1.39611	1.39611	0.00485364	4.00526	4.00526	0.54897	1.25269	1.25269	1.88551	4.12186	1.94317	1
cg15129014	GIA3	0.192122	0.0731354	0.3079	3.24687	0.107675	0.310775	3.21775	0.0317475	0.154128	6.48644	0.0001	0.156015	6.39015	6.39015	0.0004764	2.09765	2.09765	0.0609151	0.178997	-5.58609	0.0188808	0.16729	-5.97596	0.0475445	0.379745	-2.63351	0.0139251	0.150115	-6.66131	1.88551	0.81842	0.3858	1
cg15994835	ACAP3	0.192125	0.70394	1.18165	1.18165	0.0317827	3.005	3.005	0.04102832	2.80334	2.80334	2.80334	0.425336	1.42747	1.42747	0.35756	0.661238	1.51231	0.264274	1.66312	1.66312	0.530394	1.3203	1.3203	0.253282	1.68474	1.68474	0.115003	2.15138	2.15138	1.88549	5.70735	2.69066	1
cg18009615	CREB3L2	0.192131	0.293223	0.545009	-1.83483	0.0113926	0.171509	-5.83061	0.147057	0.420544	-2.37787	0.688887	1.25111	1.25111	0.618228	0.859905	-1.27393	0.488178	0.675684	-1.47998	0.145614	0.419052	-2.38634	0.361012	0.592913	-1.68659	0.798343	1.15317	1.15317	1.88546	9.25312	4.36233	1
cg21750915	C6orf10	0.19214	0.7804	1.225859	1.22586	0.0552	1.84244	1.84244	0.0157	2.44889	2.44889	2.44889	0.140057	0.610974	-1.63682	0.115269	0.353208	0.243809	-4.10057	0.107974	0.184821	0.532398	1.94597	1.94597	0.0150122	2.50212	2.50212	0.0270387	3.73134	3.73134	1.88546	0.53472	0.25748	1
cg22801690	OAO	0.192141	0.52418	0.826974	-1.20923	0.40119	0.776535	-1.28777	0.0786211	0.562734	-1.77704	0.110889	0.599749	-1.66736	0.900934	0.964008	-1.03734	0.108866	0.597691	-1.6731	0.0131757	0.406698	-2.47038	0.422327	0.78565	-1.27283	0.884746	0.958207	-1.04362	1.88541	2.58695	1.21963	1
cg26222550	NEDD1;NEDD1;NEDD1;NEDD1	0.192143	0.174283	0.787315	-1.27039	0.16703	0.609952	-1.6393	0.0178546	0.370573	-2.69944	0.0833	0.785197	0.975533	-1.02506	0.854527	1.17083	1.17083	0.236294	0.693898	-1.44128	0.0170613	0.236294	0.693898	-1.44128	0.0170613	0.236294	0.693898	-1.44128	0.0170613

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cg08541962	GID4	0.192403	0.568079	1.20994	0.20994	1.113379	0.565318	-1.76892	0.493367	1.25897	1.25897	0.08701152	0.5149409	-1.86948	0.223937	0.655097	-1.52649	0.371213	1.35523	0.336331	0.720222	-1.38846	0.336184	1.38861	1.38861	0.0813617	0.527507	-1.89571	1.88408	3.27051	1.54299	1
cg12382045	UEVLD;UEVLD	0.192411	0.217035	1.78748	-1.26996	0.187283	1.68909	-1.68909	0.928653	0.983653	-1.01661	0.966012	1.00773	1.00773	0.938425	0.985885	-1.01432	0.404978	1.16973	1.16973	0.370412	0.844308	-1.1844	0.087376	1.41517	1.41517	0.807359	1.04597	1.88404	1.01019	0.476606	1
cg23548819	CHRAC1;CHRAC1;CHRAC1	0.192411	0.520604	1.13326	1.13326	0.611967	0.906403	-1.10326	0.353949	0.832593	-1.20107	0.184498	1.31049	1.31049	0.113771	0.718533	-1.39172	0.781423	0.947969	-1.05489	0.409832	1.17577	1.17577	0.0329053	1.61499	1.61499	0.371274	0.838316	-1.19287	1.88404	1.10118	0.519538	1
cg10084554	ADAM12;ADAM12	0.192453	0.152969	0.379868	-2.63248	0.09992353	0.127476	-7.84464	0.0585757	2.858897	-3.86254	0.677038	1.787283	-1.3033	0.251538	0.468772	-2.13324	0.54992	0.681883	-1.46653	0.244919	0.463166	-2.15812	0.417395	0.592079	-1.68896	0.660328	0.756227	-1.3227	1.88404	1.91943	0.503062	1
cg19433118	SDC4	0.192414	0.0951858	0.627025	-1.59483	0.173941	1.44521	-1.44521	0.738176	0.918138	-1.08916	0.577092	0.86639	-1.15421	0.086991	0.618059	-1.61797	0.313869	0.767071	-1.30366	0.0527698	0.570387	-1.75413	0.160184	0.682492	-1.46522	0.293934	0.757941	-1.31936	1.88403	1.93397	0.91245	1
cg05579030	PCDHB5	0.192419	0.0417742	4.60526	4.60526	0.63586	1.36398	1.36398	0.0826380	3.49364	3.49364	0.8787253	1.10445	1.10445	0.964957	0.0718313	-1.029	0.92669	0.941896	-1.06172	0.443782	1.67571	1.67571	0.0174494	0.57491	0.57491	0.449753	1.65076	1.65076	1.884	1.62375	0.96246	1
cg07579109	RTDR1;GNA12	0.192423	0.261736	0.483374	-2.06879	0.769076	0.832878	-1.20066	0.347081	1.8247	1.8247	0.967652	1.02551	1.02551	0.0252743	0.191604	-5.21908	0.496156	0.651014	-1.53606	0.850892	1.124	1.124	0.0297432	0.204121	-4.89905	0.897571	0.923116	-1.08329	1.88398	1.51529	0.543196	1
cg16092018	PAK6;PAK6;PAK6	0.192425	0.601853	0.81185	-1.24375	0.051618	0.415951	2.40413	0.164644	1.79866	1.79866	0.256686	0.613184	1.52648	0.775204	-1.28998	0.257419	0.257419	1.59677	1.59677	0.127111	1.92191	1.92191	0.964091	1.44393	1.44393	0.54913	0.786612	-1.27128	1.88397	4.67836	2.20792	1
cg24823638	NUP153	0.192429	0.782868	0.363199	-1.03821	0.496011	1.0894	1.0894	0.664833	0.94252	-1.06099	0.366452	1.13424	1.13424	0.528158	0.910948	-1.09057	0.404821	1.12388	1.12388	0.0103735	0.645061	-1.55024	0.498452	0.910897	-1.09782	0.36151	1.13585	1.13585	1.88395	0.550291	0.259639	1
cg10208367	C13orf36	0.192433	0.58326	1.25463	1.25463	0.0297126	0.350773	-2.85084	0.0322977	0.358328	-2.79074	0.67857	0.843143	-1.18604	0.579395	0.795152	-1.25762	0.447272	0.72824	-1.37317	0.493324	1.32953	1.32953	0.628967	1.22059	1.22059	0.223525	0.59239	-1.68808	1.88393	5.00138	2.35978	1
cg10035761	WDR3B;WDR3B	0.192435	0.956287	0.0102	0.0102	0.751725	0.65251	1.06015	0.757564	0.944285	-1.059	0.0102202	0.5404085	-1.84933	0.412927	0.835441	-1.19704	0.796394	1.04904	1.04904	0.427177	0.8606519	-1.16195	0.968403	1.00736	1.00736	0.0553647	0.668914	-1.49496	1.88392	1.02281	0.482593	1
cg26025580	CCDC19	0.192439	0.910309	0.147735	0.147735	0.243236	0.605708	-1.65096	0.115437	0.49526	-2.01914	0.0430481	0.384486	-2.60087	0.0274426	0.333657	-2.99709	0.127725	0.508564	-1.96632	0.493102	0.729246	-1.38265	0.830883	0.915932	-1.09178	0.96898	1.01609	1.0169	1.88389	5.02985	2.37325	1
cg12301744	CPNE4	0.192439	0.175852	0.485642	-2.05913	0.0317023	0.282353	-3.53881	0.0617468	0.360794	-2.76348	0.307994	0.5247318	-1.90546	0.0778899	0.5098	-1.96078	0.187556	0.495955	-2.01638	0.247075	0.5475225	-1.82645	0.0755645	0.572104	-2.68742	0.703579	0.822758	-1.21608	1.8839	7.51404	3.54537	1
cg16295880	MEGF6	0.192442	0.36344	0.858435	-1.16525	0.240966	1.22215	-1.22215	0.184954	1.21581	1.25831	0.7904	0.953093	-1.04922	0.122939	0.760992	-1.31407	0.0827636	1.36887	1.36887	0.164067	1.28111	1.28111	0.265556	0.827283	-1.20878	0.948385	1.01064	1.01064	1.88389	0.796004	0.376009	1
cg18489755	MAPBP;D1	0.192444	0.293406	0.205505	0.205505	0.0218127	0.166571	6.16657	0.0258072	5.75067	5.75067	0.46827	1.62858	1.62858	0.857885	0.909464	-1.09955	0.612449	0.731475	-1.40159	0.414044	1.73642	1.73642	0.268742	2.14095	2.14095	0.731093	1.25608	1.25608	1.88388	13.0314	6.14873	1
cg03479529	REEP6;PCSK4	0.192444	0.949612	0.991703	-1.00837	0.149701	1.22584	1.22584	0.585889	1.07522	1.07522	0.990834	0.998487	-1.00152	0.0779464	1.29464	1.29464	0.0546095	0.750179	-1.33301	0.33446	0.877013	1.14023	0.253266	0.854444	-1.17035	0.430596	1.11189	1.11189	1.88388	0.518582	0.244688	1
cg04084934	ERBB4;ERBB4	0.192445	0.149783	0.468046	-2.13654	0.0198839	0.249087	-4.01466	0.0914631	0.40102	-2.49364	0.74465	0.851566	-1.17431	0.0593171	0.351103	-2.84817	0.563032	0.750155	-1.33306	0.152195	0.470439	-2.12568	0.215498	0.526799	-1.89826	0.692884	0.822704	-1.2155	1.88387	7.2119	3.40288	1
cg23007087	AP1S2;AP1S2	0.192453	0.167309	0.387319	-2.58185	0.0986566	0.982351	-1.01691	0.204435	0.421946	-2.36999	0.408371	0.597906	-1.72442	0.227196	0.441737	-2.26348	0.610732	0.718359	-1.39206	0.0114056	0.129976	-7.69374	0.961601	0.963454	-1.03151	0.0696222	0.270482	-3.6971	1.88384	12.3876	5.84509	1
cg27662092	SF3A2;AMH	0.192452	0.307155	0.706499	-1.41509	0.0227967	0.423535	-2.36108	0.0147254	0.680463	-1.45681	0.3015599	0.7460654	-1.34006	0.0944633	1.06572	1.06572	0.159459	0.610116	-1.63903	0.0452923	0.166892	1.65825	0.157685	0.608655	-1.64297	0.3477	0.727775	-1.37405	1.88384	3.22253	1.52005	1
cg27157122	RADIL	0.192459	0.134023	0.617477	-1.61949	0.0189717	2.33386	2.33386	0.215375	1.47559	1.47559	0.74852	1.30072	1.30072	0.31686	0.734392	-1.36167	0.891177	0.959983	-1.04169	0.376802	1.31072	1.31072	0.69824	0.890268	-1.12326	0.887479	0.958641	-1.04314	1.8838	2.65564	1.25309	1
cg07468895	RNF152	0.192466	0.519461	1.29054	1.29054	0.0906454	2.07814	2.07814	0.10051	1.96006	1.96006	0.219366	1.62002	1.62002	0.768166	0.890064	-1.12238	0.952661	1.02346	1.02346	0.221497	0.650535	-1.53187	0.0738043	2.17789	2.17789	0.0900643	2.07441	2.07441	1.88377	4.55117	2.04751	1
cg00777652	HERC4;HERC4	0.192474	0.543085	1.14021	1.14021	0.0931544	1.48247	1.48247	0.666819	1.55004	1.55004	0.924414	0.979915	-1.02043	0.0434481	1.3972	1.3972	0.386723	1.2082	1.2082	0.0750869	0.670405	-1.49161	0.0755645	0.925737	-1.08006	0.626576	0.900759	-1.11017	0.937981	1.01603	1.88393	5.02985	2.37325	1
cg00746446	KLHL29	0.192475	0.529719	0.689294	-1.4476	0.0145496	0.174134	5.74208	0.0160833	0.63817	-1.56717	0.0981585	0.4253	-2.35121	0.0139154	0.401607	-2.49064	0.0872554	0.607259	-1.64674	0.0135355	0.503037	-1.98792	0.132065	0.600891	-1.6642	0.877456	-1.0952797	-1.04954	0.636639	0.86147	-1.16081	1.88361	1.30411	1.30411	0.38372	1.86265	0.878947	1
cg09320820	CDK5R2	0.192476	0.878513	1.03896	1.03896	0.973589	0.991762	-1.00831	0.121408	1.52135	1.52135	0.342298	1.28962	1.28962	0.22955	0.729771	-1.37029	0.575225	1.86808	-1.15197	0.0270523	0.519954	-1.92325	0.423233	0.815152	-1.22676	0.304813	1.30411	1.30411	1.88372	1.86265	0.878947	1
cg02881419	TRAM2	0.192476	0.45111	1.17989	1.17989	0.20949	1.13149	1.13149	0.982405	1.00478	1.00478	0.716918	1.082	1.082	0.40234	0.830683	-1.20383	0.245121	1.30101	1.30101	0.25343	1.7778	0.343066	1.70648	1.70648	0.356686	1.22775	1.22775	1.88372	1.39764	0.659521	1
cg23731601	BRP44;DCAFE;BRP44;BRP44;DCAFE	0.192479	0.0698549	0.691407	0.691407	0.754845	1.16525	1.16525	0.0930478	1.60768	1.60768	0.148965	1.12773	1.12773	0.0754553	0.815798	-1.22615	0.642366	0.831564	-1.20273	0.0975134	0.857578	1.03625	0.144064	0.845452	-1.18313	0.708225	0.928138	-1.07743	1.8837	1.17225	0.553165	1
cg17724365	NBN	0.192483	0.703498	1.07852	1.07852	0.0285749	1.66633	1.66633	0.0266342	1.68089	1.68089	0.756301	1.06347	1.06347	0.209022	1.29922	1.29922	0.307706	0.811625	-1.2321	0.693078	1.08186	1.08186	0.444547	1.16657	1.16657	0.501907	1.14421	1.14421	1.88368	1.16571	0.550084	1
cg26570207	TSPO;TSPO	0.192483	0.154923	0.628421	-1.59128	0.837074	0.956332	-1.04566	0.882467	0.731196	-1.40214	0.316948	0.7233	0.729271	-1.37123	0.0159358	0.4625	0.0730123	0.542335	-1.8442	0.396824	1.30303	1.30303	0.453184	0.764793	-1.30762	0.472422	0.474686	0.80077	-1.2488	1.88368	2.77831	1.31106	1
cg13599499	AHNAK2	0.192488	0.173497	0.481651	0.481651	0.407728	1.25848	1.25848	0.528977	1.18905	1.18905	0.950504	1.017	1.017	0.17252	0.67616	-1.47894	0.421923	1.24947	1.24947	0.238643	1.40918	0.416398	2.2357	2.2357	0.131246	0.904649	1.1054	1.18366	1.88366	2.19881	1.03761	1
cg21740507	IQCA1	0.192489	0.0381271	0.653294	-1.5307	0.195796	1.27421	1.27421	0.496029	0.884764	-1.13025	0.597066	0.909831	-1.09911	0.0757734	0.706427	-1.41919	0.995469	0.998095	-1.00101	0.168534	1.29679	1.29679	0.862011	0.969654	-1.0313	0.66842	1.07931	1.07931	1.88365	0.936022	0.441706	1
cg17585031	KSR1	0.192490	0.0867067	0.503182	-1.98758	0.102009	0.455147	2.19677	0.0922301	0.682299	-1.46534	0.0213744	0.368299	-2.71488	0.0179796	0.380201	-2.63005	0.153499	0.613488	-1.63019	0.0831641	0.635741	-1.57325	0.0606781	0.738203	-1.35465	0.0911663	0.633552	-1.57863	0.933552	1.88363	3.93552	1.85623	1
cg26656684	SDCBP;SDCBP;SDCBP;SDCBP;SDCBP	0.192495	0.454063	0.83009	-1.20469	0.723479	0.916909	-1.09062	0.8845917	1.59329	1.59329	0.867773	1.04315	1.04315	0.982016	0.994511	-1.00552	0.399317	1.23454	1.23454	0.187155	0.710778	-1.40691	0.0236807	0.517094	-1.93388	0.507873	0.848711	-1.17826	1.88362	1.77884	0.839441	1
cg08869066	PLD3;PLD3	0.192496	0.0774078	0.734923	-1.36076	0.0145496	0.174134	5.74208	0.0160833	0.63817	-1.56717	0.0981585	0.4253	-2.35121	0.0139154	0.401607	-2.49064	0.0872554	0.607259	-1.64674	0.0135355	0.503037	-1.98792	0.132065	0.600891	-1.6642	0.877456	-1.0952797	-1.04954	0.636639	0.86147	-1.16081	1.88361	1.30411	1.30411	0.38372	1.86265	0.878947	1
cg04776812	KIF21A	0.192497	0.212185	0.662462	-1.50952	0.420916	0.772863	-1.29389	0.0509376	0.498192	-2.00726	0.871045	1.05223	1.05223	0.0339204	0.460267	-2.17265	0.0535351	0.503037	-1.98792	0.132065	0.600891	-1.6642	0.877456	-1.0952797	-1.04954	0.636639	0.86147	-1.16081	1.88361	1.30411	1.30411	0.38372	1.86265	0.878947	1
cg17993419	RNF217	0.192501	0.312221	0.693694	-1.44156	0.209465	0.629534	-1.58848	0.0274161	0.401411	-2.49121	0.390503	0.735046	-1.36046	0.0239343	0.389631	-2.56653	0.406106	0.742793	-1.34627	0.818256	0.922633	-1.08385	0.528938	1.25002	1.25002	0.967766	0.985963	-1.01424	1.88359	3.65112	1.72301	1
cg19246862	EPS8L2	0.192505	0.0782283	0.589827	-1.69552	0.20274	1.22193	1.22193	0.0424979	0.836883	-1.19499	0.243426	1.04067	1.04067	0.886513	1.73987	1.73987	0.0399123	0.43964	-2.27402	0.0172448	1.07248	1.07248	0.792525	1.17876	1.17876	0.0553083	1.878	1.878	1.88357	1.61612	0.547952	1
cg00500299	CLCN7;CLCN7	0.192507	0.366881	0.816772	-1.22433	0.512789	1.15596	1.15596	0.260188	0.773806	-1.29231	0.426042	1.19419	1.19419	0.37509	1.2199	1.2199	0.488779	0.857658	-1.16597	0.0142882	1.93419	1.93419	0.744768	0.931161	-1.07393	0.460877	0.848813	-1.17812	1.88356	1.42217	0.671148	1
cg15329013	SLC17A6	0.192508	0.163363	0.788662	-1.26784	0.0302054	0.660022	-1.5015	0.632256	0.923939	-1.08232	0.791844	1.05192	1.05192	0.655703	1.0744	1.0744	0.807353	0.762463	-1.31106	0.0317676	0.615374	1.62509	0.0205078	0.664169	-1.5123	0.0617195	0.742162	0.948682	-1.05409	1.8836	2.77831	1.31106	1
cg00297950	GSTM3;GSTM3	0.192507	0.540951	1.44958	1.44958	0.361059	1.63697	-1.75634	0.166553	0.142792	-2.42252	0.89732	1.08053	1.08053	0.808301	1.15698	1.15698	0.166736	1.42148	1.42148	?	?	0.0230337	2.221617	-1.51229	0.345666	1.79116	1.79116	1.89429	1.25964	5.06597	1
cg14339750	TWF2	0.192508	0.0588376	0.328096	-3.04789	0.0663401	2.93135	2.93135	0.216465	1.97827	1.97827	0.531102	0.717966	-1.39282	0.745445	0.843561	-1.18545	0.836491	1.11396	1.11396	0.274689	0.5524557	-1.8101	0.577809	1.3413	1.3413	0.205161	0.497522	-2.00996	1.88355	8.13608	3.83959	1
cg19310902	FLOT1	0.192509	0.642186	0.879662	-1.13676	0.538273	0.787706	-1.26906	0.0127494	0.7994	1.7994	0.216547	0.506569	-1.97443	0.0178264	0.556102	-1.79874	0.337245	0.98049	-1.02003	0.916447	1.67771	0.276244	0.553038	1.80818	1.80818	0.0150907	2.05547	2.05547	0.141757	0.437688	2.28473	1.93815	1.93815	0.0150907	2.05547	2.05547	0.141757	0.437688	2.28473	1.93815	1.93815	1.85077	1
cg09160568	BUD13;PTCD2	0.192513	0.0871869	0.419402	-2.38435	0.65857	1.22704	1.22704	0.545493	0.754658	-1.3251	0.174871	0.514843	-1.94234	0.0373822	0.329083	3.03874	0.0775584	0.4055	-2.46609	0.790782	1.13013	1.13013	0.59339	0.812523	-1.23073	0.0828785	0.143137	-2.41945	1.88353	3.31461	2.98004	1
cg04096096	TRAPPC2;TRAPPC2;TRAPPC2;OFD1;OFD	0.192516	0.608102	1.11454	1.11454	0.39681	0.833664	-1.19952	0.620165	0.900547	-1.11044	0.985533	0.996206	-1.00381	0.0271485	0.577912	-1.73037	0.0551423	0.63389	-1.57756	0.308348	1.24741	1.24741	0.514081	1.14882	1.14882	0.477581	1.16346	1.16346	1.88351	1.3114	0.618891	1
cg11914343	VAR5	0.192519	0.96459	0.968024	-1.03303	?	?	?	?	0.824801	-1.21281	0.207892	-4.81019	0.715818	1.30746	1.30746	1.30746	0.16873	0.138212	-7.24673	?	?	?	?	0.319312	-2.99839	0.0744338	0.227691	-4.39192	2.00169	1.01871	6.46205	1
cg23729283	CPVL;CPVL	0.192522	0.259527	0.632021	0.632021	0.0755846	0.512857	-1.95037	0.284321	0.607919	-1.64479	0.0535429	0.705491	-1.41745	0.446549	0.637382	-1.56892	0.328789	0.557052	-1.79516	0.0970562	0.347422	-2.8783	0.140351	1.398192	-1.51135	0.730682	1.22212	1.22212	1.88348	0.55202	4.74621	1
cg21568157	KCNQ1;KCNQ1	0.192523	0.359549	0.603486	-1.65704	0.0172568	0.211153	-4.73591	0.040663	0.28166	-3.55038	0.426288	0.646938	-1.54574	0.738895	0.835826	-1.19642	0.345907	0.594283	-1.6827	0.524192	1.41344	1.41344	0.797946	0.871505	-1.14744	0.594869	1.33342	1.33342	1.88348	8.57355	4.0462	1
cg16753494	APOL6	0.192524	0.0807967	0.503182	-1.98758	0.102009	0.455147	2.19677	0.0922301	0.682299	-1.46534	0.0213744	0.368299	-2.71488	0.0179796	0.380201	-2.63005	0.153499	0.613488	-1.63019	0.0831641	0.635741	-1.57325	0.0606781	0.738203	-1.35465	0.0911663	0.633552	-1.57863	0.933552	1.88348	3.93552	1.85623	1
cg21831512	RPTOR;RPTOR	0.192525	0.254651	0.548622	-1.82275	0.640599	0.793847	-1.25969	0.654734	0.332979	-3.0032	0.819365	1.12238	1.12238	0.0391623	0.299773	3.33586	0.154597	0.463454	-2.15771	0.0593303	0.241463	-2.92853	0.549996	0.736918	-1.357	0.115323	0.421471	-2.37264	1.88347	7.59977	3.58665	1
cg15091215	GNA12	0.192526	0.807266	0.307639	-3.25041	0.166991	0.411249	-2.43133	0.0135455	0.241441	0.550499	-1.68778	0.0953315	0.154827	3.15492	0.0772559	-1.47454	0.0871645	0.324667	-3.08021	0.0144135	0.197822	5.05057	0.185524	0.144144	2.41444	0.414446	1.12066	5.53144	1.88346	1.12066	5.53144	1
cg01902849	PHACTR2	0.192527	0.0918612	0.750479	-1.33248	0.175991	1.26146	1.26146	0.0548458	0.758437	-1.31891	0.422486	1.15152	1.15152	0.430711	1.12348	1.12348	0.0942662	0.398893	-1.66119	0.225122	1.21783	1.21783	0.0833676	0.680663	-1.15656	0.631309	1.07766	1.07766	1.88346	0.731746	0.338849	1
cg13990092	CXCR1	0.192533	0.35933	0.50065	-1.9974	0.913137	0.188339	1.08339	0.7692	1.24108	1.24108	0.402094	0.6420249	1.437	1.437	0.370526	1.46031	0.272455	0.222887	2.56049	0.129058	0.299991	-3.33343	0.57042	1.52341	1.52341	0.0222052	1.74087	1.74087	1.88344	16.0737	7.58595	1
cg18905856	FGF	0.192544	0.999944	0.999944	0.000056	0.134746	1.38389	1.38389	0.24266	1.44041	1.44041	0.670002	1.57095	1.57095	0.0674756	1.38653	1.38653	0.389904	1.76319	1.76319	0.0154	1.16751	1.16751	0.0884	0.893644	-1.17145	0.948907	0.744046	1.344	1.344	1.88344	1.3233	0.703	1
cg14431850	ABCA1	0.192541	0.537411	1.27106	1.27106	0.0991633	3.56428	3.56428	0.821575	0.916902	-1.09063	0.683926	1.17024	1.17024	0.895054	0.950574	-1.052	0.234266	1.61428	1.61428	0.723851	0.872625	-1.14597	0.0895272	2.05234	2.05234	0.374784	1.4189	1.4189	1.88339	4.40013	2.0767	1
cg16751201	CYP27C1	0.192543	0.711872	0.907105	-1.10241	0.737975	1.52171	1.52171	0.723044	0.932094	-1.07284	0.109803	0.264282	1.35771	1.35771	0.0372062	0.529242	-1.88949	0.807353	1.762	0.0763	0.615374	1.62509	0.0205078	0.664169	-1.5123	0.0617195	0.742162	0.948682	-1.05409	1.8836	2.77831	1.31106	1
cg24486096	PTPRS;PTPRS;PTPRS;PTPRS	0.192544	0.971455	0.993854	-1.00618	0.351736	1.17952	1.17952	0.921607	0.983184	-1.0171	0.0535306	1.45902	1.45902	0.0743818	0.709993	1.40846	0.669699	0.76373	-1.30928	0.0163603	0.101755	1.16751	1.16751	0.0884	0.893644	-1.17145	0.948907	0.744046	1.344	1.344	1.88344	1.3233	0.703	1
cg04388075	LRFN1	0.192549	0.915085	1.01167	1.01167	0.0743143	0.805493	-1.24148	0.0672602	0.800064	-1.2499	0.130052	0.837049	-1.19467	0.0252014	0.748611	-1.33581	0.231722	0.872461	-1.14618	0.913454	1.0119	1.0119	0.618843	0.946909	-1.05607	0.270867	0.882768	-1.1328	0.88335	0.352909	0.166563	1
cg06830044	PRPH	0.192552	0.076083	0.487105	-2.05973	0.0405	0.25353	-3.94465	0.0613865	0.339753	-2.94375	0.29675	0.5204227	1.77533	1.77533	0.0370562	0.528274	-1.88967	0.983834	1.0018	0.498328	1.6647	1.6647	0.0355042	1.64208	1.64208	0.0512635	0.411027	0.411027	0.588313	-1.70015	1.88333	2.43102	1.30282	1
cg00772774	GAUNT9	0.192553	0.0525215	0.171994	-5.81415	0.19671	0.336253	-2.97396	0.933703	1.06869	1.06869	0.462027	0.549885	-1.81823	0.0738212	0.203686	-4.90951	0.234805	0.369959	-2.703	0.04327	0.15624	-6.40042	0.0648824	0.19103	-5.23477	0.317798	0.43844	-2.28081	1.88333	19.018	8.97606	1
cg05940146	FLVCR2	0.192555	0.0975042	0.702162	0.702162	0.685495	1.45848	1.45848	0.0757742	0.529905	-1.88713	0.284921	0.755955	-1.32289	0.0477355	0.466912	-2.14155	0.856695	0.645372	-1.5498	0.0156313	0.40944	-2.44244	0.402464	1.31695	1.31695	0.0848951	0.964385	0.964385	1.03657	1.88332	1.03657	0.964385	1.03657	1.88332	1.03657	0.964385	1.03657	1.88332	1.03657	0.964385	1.03657	1.88332	1.03657	1.85077	1
cg06939115	DNAJA2	0.192556	0.112423	0.740757	-1.34997	0.0440394	0.66913	-1.49448	0.76683	0.949677	-1.05299	0.510961	0.890678	-1.12274	0.435332	1.14821	1.14821	0.302516	0.830723	-1.20377	0.028648	0.638737	-1.56559	0.171871	0.776832	-1.28728	0.534557	0.896538	-1.1154	1.88331	0.899297	0.424452	1
cg14957731	KRTAP3-1	0.192559	0.462162	0.667838	-1.49737	0.035432	0.266893	-3.74682	0.0817153	0.353265	-2.83073	0.545643	0.719023	-1.39078	0.739013	0.834989	-1.19762	0.074109	0.341821	-2.92551	0.0558119	0.130783	-7.32168	0.0906596	0.365897	-2.73101	0.611353	0.758515	-1.31836

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg14712575	PRDM16;PRDM16	0.192762	0.108388	0.364459	-2.7438	0.0586731	0.292053	-3.42404	0.627401	0.754355	-1.32564	0.932628	1.04993	1.04993	0.0140846	0.17438	-5.73459
cg10105974	TRAF3IP2;TRAF3IP2;TRAF3IP2	0.192763	0.475086	0.817999	-1.2225	0.0659796	1.7692	1.7692	0.298654	0.742329	-1.34711	0.827129	0.9413	-1.06236	0.148907	0.651709	-1.53443
cg22273939	LOC284798;LOC284798;LOC284798	0.192767	0.12606	5.73236	5.73236	0.226143	3.82187	3.82187	0.108493	6.34031	6.34031	0.225796	3.82608	3.82608	0.0807966	7.71081	7.71081
cg03940243	ANKS1A	0.192768	0.356739	1.53152	1.53152	0.881094	0.934903	-1.06963	0.108433	0.454982	-2.19789	0.711101	0.845944	-1.18211	0.013383	0.25218	-3.96541
cg10569328	REXO1	0.192769	0.902239	0.977362	-1.02316	0.315198	0.824052	-1.21352	0.0224279	0.600702	-1.66472	0.235499	1.26071	1.26071	0.377392	0.844697	-1.18386
cg11404906	HLA-DRB1	0.192778	0.0274575	11.959	11.959	0.567442	1.70969	1.70969	0.992331	1.00894	1.00894	0.596852	1.64082	1.64082	0.901341	1.12176	1.12176
cg04497015	C16orf74	0.192785	0.342803	1.29421	1.29421	0.0117249	2.29533	2.29533	0.860184	0.954542	-1.04762	0.623694	1.13938	1.13938	0.562948	0.85699	-1.16687
cg24668150	ANKRD26	0.192791	0.373457	0.824629	-1.21267	0.171841	1.35929	1.35929	0.053484	1.58864	1.58864	0.20506	0.754129	-1.32603	0.629616	1.108	1.108
cg05058103	CPSF4;CPSF4	0.192799	0.21103	0.50576	-1.97722	0.632295	1.28323	1.28323	0.713765	0.826483	-1.20995	0.585599	0.752162	-1.3295	0.0227266	0.244007	-4.09824
cg13189434	COL11A2;COL11A2;COL11A2	0.192802	0.810184	0.925646	-1.08033	0.492794	0.799586	-1.25065	0.105939	0.56722	-1.76298	0.0820009	0.538614	-1.85662	0.0395886	0.465697	-2.14732
cg12362662	C10orf114;C10orf114;MIR1915	0.192804	0.544247	0.927689	-1.07795	0.0451	1.32467	1.32467	0.162808	1.19985	1.19985	0.777194	1.0353	1.0353	0.169148	1.19619	1.19619
cg13941982	C19orf29;C19orf29	0.192806	0.325701	0.789811	-1.26613	0.0243093	1.86675	1.86675	0.877808	0.964857	-1.03642	0.946496	1.01573	1.01573	0.593141	1.1336	1.1336
cg08970330	SNORA57;C11orf48;METTL12	0.192806	0.274668	1.95079	1.95079	0.774029	1.18175	1.18175	0.184851	2.29948	2.29948	0.0232814	0.186161	-5.37171	0.841281	1.12328	1.12328
cg27587257	AP2A2	0.192808	0.654548	1.33802	1.33802	0.0127827	7.38686	7.38686	0.0681871	3.74486	3.74486	0.84049	0.877839	-1.13916	0.544253	0.672455	-1.48709
cg13575638	SETD5;LOC440944	0.19281	?	?	?	0.398682	1.49019	1.49019	0.485786	1.38677	1.38677	0.805664	0.89244	-1.12052	0.0486248	0.353515	-2.82873
cg02974456	LOC732275	0.192812	0.921991	1.01564	1.01564	0.180409	1.25272	1.25272	0.0313457	1.49189	1.49189	0.404063	0.8735	-1.14482	0.198899	0.806507	-1.23992
cg00701185	UBE2J1	0.192813	0.467895	0.853849	-1.17117	0.296748	1.26039	1.26039	0.136422	0.709469	-1.4095	0.132384	1.41534	1.41534	0.599111	0.892729	-1.12016
cg05504025	SYT12	0.192815	0.0618919	0.502649	-1.98946	0.634308	1.16973	1.16973	0.280811	1.44304	1.44304	0.17775	0.625899	-1.5977	0.690386	0.877224	-1.13996
cg20028233	CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D;CAMK2D	0.192816	0.947864	1.01347	1.01347	0.207086	1.31291	1.31291	0.16695	1.35187	1.35187	0.959606	0.98969	-1.01042	0.269821	1.26506	1.26506
cg14826211	KLHL29	0.192818	0.0971764	0.293294	-3.40955	0.274707	0.464984	-2.15061	0.0696249	0.254801	-3.92464	0.967544	1.02779	1.02779	0.0123949	0.122778	-8.14477
cg09593767	ZNF664;ZNF664;CCDC92	0.19282	0.678029	1.07622	1.07622	0.422604	1.15502	1.15502	0.166339	1.2965	1.2965	0.149718	1.31225	1.31225	0.0534389	0.679782	-1.47106
cg00625131	SS18;SS18	0.192822	0.508591	1.31112	1.31112	0.0787311	2.20051	2.20051	0.0249355	2.93853	2.93853	0.811065	0.907795	-1.10157	0.849485	0.926128	-1.07976
cg01305981	FBXL21	0.192832	0.101613	0.325311	-3.07398	0.0680163	0.277875	-3.59874	0.768204	0.830953	-1.20344	0.345749	0.544206	-1.83754	0.0925325	0.313505	-3.18974
cg03863486	HEBP2	0.192832	0.0908044	0.50617	-1.97562	0.249166	1.553	1.553	0.265761	0.654545	-1.52778	0.489784	1.29227	1.29227	0.0404013	0.420965	-2.37549
cg14861221	SLMAP	0.192834	0.0537768	0.58942	-1.69658	0.649829	0.895537	-1.11665	0.875587	0.962885	-1.03855	0.777964	1.07062	1.07062	0.0199278	0.507514	-1.97039
cg26946276	HSPH1	0.192834	0.350539	0.886549	-1.12797	0.117048	1.23784	1.23784	0.408531	1.11175	1.11175	0.0318579	0.729625	-1.37057	0.487023	1.09254	1.09254
cg05785141	ZNF468;ZNF468	0.192835	0.977992	1.00567	1.00567	0.390196	0.834791	-1.1979	0.97401	1.0067	1.0067	0.00960862	0.510522	-1.95878	0.78406	1.05795	1.05795
cg08692430	ZFHX3;ZFHX3	0.192837	0.0412625	0.542946	-1.8418	0.774983	0.92986	-1.07543	0.51793	0.846542	-1.18128	0.259919	0.740824	-1.34985	0.167173	0.685789	-1.45817
cg16267266	IL17F;IL17F	0.192838	0.916094	1.02245	1.02245	0.101788	0.685658	-1.45845	0.541887	0.878016	-1.13893	0.0117229	0.515087	-1.94142	0.768544	0.93972	-1.06415
cg15850954	GAD2;GAD2;GAD2;GAD2	0.192843	0.449649	1.1705	1.1705	0.259652	1.27162	1.27162	0.395358	1.19468	1.19468	0.305053	1.24239	1.24239	0.913822	1.02237	1.02237
cg19257111	PTPLAD1	0.192845	0.243561	0.54303	-1.84152	0.818934	0.891596	-1.12158	0.987706	0.992319	-1.00774	0.338416	1.63856	1.63856	0.192482	0.501432	-1.99429
cg18611813	PDE4D;PART1	0.192845	0.0861447	0.292517	-3.41861	0.0617096	0.255586	-3.91258	0.0238772	0.174195	-5.74068	0.595029	1.41595	1.41595	0.340534	0.529007	-1.89034
cg02578058	UNC80;UNC80	0.192845	0.114868	0.517365	-1.93287	0.469892	0.753837	-1.32655	0.483783	0.760697	-1.31458	0.327936	1.47423	1.47423	0.907865	1.0455	1.0455
cg14377152	DUOX1;DUOX1	0.19285	0.137113	0.530267	-1.88584	0.13468	0.527853	-1.89447	0.155596	0.547745	-1.82567	0.346977	0.681368	-1.46764	0.0623482	0.435558	-2.2959
cg02866468	IQCK	0.192855	0.255719	0.502264	-1.99098	0.72993	0.817803	-1.22279	0.952433	1.03523	1.03523	0.787004	0.854543	-1.17022	0.0332037	0.235774	-4.24135
cg18348274	C7orf42	0.192858	0.687692	0.776082	-1.28852	0.0192612	0.169314	-5.90617	0.249434	0.469962	-2.12783	0.312122	1.92692	1.92692	0.160431	0.39038	-2.56161
cg18831371	GPRIN1	0.19286	0.329508	1.20289	1.20289	0.172635	1.3053	1.3053	0.159325	1.31796	1.31796	0.383804	1.17813	1.17813	0.324838	1.20519	1.20519
cg16791686	GLTSCR2	0.192862	0.324103	1.2146	1.2146	0.254678	1.25489	1.25489	0.599213	0.903718	-1.10654	0.21543	0.779645	-1.28263	0.267163	1.24693	1.24693
cg02226666	CBLL1;CBLL1;CBLL1	0.192863	0.823422	0.963648	-1.03772	0.768607	1.05009	1.05009	0.0700598	1.39873	1.39873	0.969702	0.993727	-1.00631	0.758045	1.05253	1.05253
cg19429281	ZNF702P	0.192868	?	?	?	0.704711	1.39924	1.39924	0.633286	0.654362	-1.52821	0.571856	1.65539	1.65539	0.929338	0.924728	-1.0814
cg20174000	ABL1;ABL1	0.192869	0.16209	0.702093	-1.42431	0.231067	1.3467	1.3467	0.628166	1.12258	1.12258	0.250686	0.752476	-1.32895	0.87538	0.963497	-1.03789
cg03629948	FGFR3;FGFR3;FGFR3	0.192871	0.451924	1.42873	1.42873	0.775276	1.14254	1.14254	0.950936	1.02906	1.02906	0.123728	2.17311	2.17311	0.445727	1.43603	1.43603
cg05153057	GNAL	0.192872	0.719437	0.909286	-1.09976	0.0910023	0.612132	-1.63363	0.0378268	0.529976	-1.88688	0.0508955	0.556367	-1.79738	0.111992	0.633652	-1.57815
cg14381673	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.192877	0.0901821	0.197738	-5.05721	0.528802	0.574742	-1.73991	0.753887	0.761108	-1.31387	0.712543	1.37878	1.37878	0.720695	0.732272	-1.36561
cg04767753	PSMG4;PSMG4;PSMG4	0.19288	0.458505	0.812504	-1.23076	0.356016	1.29841	1.29841	0.170265	0.669154	-1.49442	0.080949	1.70282	1.70282	0.0715918	0.574998	-1.73914
cg26660002	GALNT13	0.192881	0.275899	0.824364	-1.21306	0.814888	1.04077	1.04077	0.5922	1.09652	1.09652	0.356545	0.850788	-1.17538	0.762847	1.05292	1.05292
cg10838535	ARID3A	0.192883	0.614634	1.15073	1.15073	0.154782	1.5237	1.5237	0.70526	1.11081	1.11081	0.0582437	0.55328	-1.8074	0.805374	1.07066	1.07066
cg10051935	ZNF544	0.192883	0.699832	1.11311	1.11311	0.455775	0.810493	-1.23382	0.549041	0.845604	-1.18259	0.809832	0.93549	-1.06896	0.410461	1.26215	1.26215
cg14644616	ARAF	0.192884	?	?	?	0.10433	0.155961	-6.41186	0.583267	0.57723	-1.73241	0.849401	1.20619	1.20619	0.46168	0.473731	-2.1109
cg00633062	LOC100127888;SLCO4A1	0.192884	0.341584	0.636738	-1.5705	0.0162956	0.25846	-3.86907	0.0548161	0.366695	-2.72706	0.874131	0.929578	-1.07576	0.322663	0.624643	-1.60092
cg05446994	PINK1	0.192885	0.157129	0.824232	-1.21325	0.174044	0.831313	-1.20292	0.469336	1.09861	1.09861	0.381749	0.891715	-1.12143	0.658065	1.05856	1.05856
cg07322981	RNF103;RNF103	0.192891	0.0250977	1.37409	1.37409	0.838228	0.975913	-1.02468	0.130736	1.21487	1.21487	0.658694	0.948361	-1.05445	0.886948	1.01711	1.01711
cg13461130	PNPLA7;PNPLA7	0.192896	0.692416	0.729517	-1.37077	0.953695	0.954984	-1.04714	0.0468386	0.16447	-6.08015	0.635468	0.684695	-1.4605	0.0355719	0.143609	-6.96334
cg07525817	DACT3	0.192899	0.576913	1.13741	1.13741	0.17592	1.3892	1.3892	0.0229508	1.86169	1.86169	0.97206	1.00803	1.00803	0.79774	1.06042	1.06042
cg11293764	VSIG1;VSIG1	0.192901	0.389608	1.72013	1.72013	0.759835	0.828087	-1.2076	0.695502	0.785058	-1.27379	0.0302307	0.208546	-4.79509	0.0295514	0.206734	-4.83714
cg20648369	ADARB2	0.192901	0.558033	1.48269	1.48269	0.129486	2.97153	2.97153	0.462398	1.6444	1.6444	0.0467405	4.54408	4.54408	0.327563	0.510723	-1.95801
cg10229294	LHX5	0.192905	0.816081	0.949256	-1.05346	0.743659	1.0761	1.0761	0.375959	1.22519	1.22519	0.54205	1.14793	1.14793	0.063139	1.59548	1.59548
cg17367215	SUPT5H;SUPT5H;SUPT5H;SUPT5H	0.192907	0.561203	0.795798	-1.2566	0.542431	0.786852	-1.27089	0.747351	1.13389	1.13389	0.658357	0.841134	-1.18887	0.618535	1.2155	1.2155
cg06796869	OBSCN;OBSCN	0.192912	0.619358	0.87141	-1.14757	0.932467	1.02357	1.02357	0.0125494	0.425979	-2.34754	0.655021	0.883728	-1.13157	0.0806661	0.587147	-1.70315
cg26190483	KCNQ1;KCNQ1OT1;KCNQ1	0.192915	0.797133	1.06576	1.06576	0.631993	0.887548	-1.1267	0.124995	1.50767	1.50767	0.735683	1.08737	1.08737	0.343596	0.78568	-1.27278
cg00933924	FOXRED2;FOXRED2;FOXRED2	0.192916	0.980613	1.00782	1.00782	0.715438	1.1245	1.1245	0.405242	0.761158	-1.31379	0.0213756	0.412188	-2.42607	0.0247709	0.42462	-2.35505
cg01446093	WAPAL	0.19292	0.557602	0.872392	-1.14627	0.142108	0.695384	-1.43806	0.0610201	0.615077	-1.62581	0.227593	0.747098	-1.33851	0.0273667	0.548348	-1.82366
cg05070690	MOV10L1;MOV10L1;MOV10L1;MOV10L1	0.192924	0.697201	0.919824	-1.08716	0.170393	1.36623	1.36623	0.0910426	1.48862	1.48862	0.538922	0.875497	-1.14221	0.684755	1.09116	1.09116
cg17516106	ACVR1B	0.192925	0.665774	0.771686	-1.29586	0.0117403	6.53586	6.53586	0.106387	2.86205	2.86205	0.385244	1.70043	1.70043	0.314235	0.537577	-1.8602
cg01161725	ZNF24	0.192928	0.246487	1.19702	1.19702	0.363811	1.14853	1.14853	0.265218	1.18802	1.18802	0.818723	0.96651	-1.03465	0.11651	1.28798	1.28798
cg10767152	UBE3A;UBE3A;UBE3A	0.192929	0.701374	1.17018	1.17018	0.759117	0.882095	-1.13366	0.716586	0.86182	-1.16034	0.788587	1.11586	1.11586	0.0231794	0.330491	-3.0258
cg07425555	PODNL1;PODNL1;PODNL1;PODNL1	0.192932	0.337591	0.726121	-1.37718	0.284457	1.43326	1.43326	0.372651	0.743566	-1.34487	0.132103	0.590884	-1.69238	0.0255575	0.42364	-2.3605
cg06403673	MYO9B;MYO9B	0.192934	0.0584335	0.665043	-1.50366	0.0722142	0.681976	-1.46633	0.283225	0.808403	-1.23701	0.788241	0.94994	-1.0527	0.194532	0.769666	-1.29927
cg23828635	FAM107B	0.192938	0.426931	0.843024	-1.18621	0.342191	0.813818	-1.22878	0.149421	0.722241	-1.38458	0.456137	0.852336	-1.17325	0.875357	1.0336	1.0336
cg08603449	LRP12;LRP12	0.192942	0.460806	1.48002	1.48002	0.345689	1.66045	1.66045	0.590654	0.753121	-1.32781	0.117352	2.4306	2.4306	0.0578525	0.326369	-3.06402
cg21883598	DUOX2	0.192942	0.0552211	2.22897	2.22897	0.6285	0.835431	-1.19699	0.482738	0.768671	-1.30095	0.868075	0.940532	-1.06323	0.324032	0.686858	-1.45591
cg22798400	FOXP1	0.192945	0.697603	0.836897	-1.19489	0.676704	1.21072	1.21072	0.546257	0.756957	-1.32108	0.0600587	0.380118	-2.63076	0.825863	1.1057	1.1057
cg06668065	FLJ42709;FLJ42709	0.192946	0.0698899	5.21115	5.21115	0.283586	2.47777	2.47777	0.616997	0.663208	-1.50782	0.725805	1.33213	1.33213	0.197392	3.03379	3.03379
cg20566942	METT5D1;METT5D1;METT5D1;METT5D1;KIF18A	0.192951	0.384006	1.35974	1.35974	0.826763	1.07838	1.07838	0.733189	0.888879	-1.12501	0.0115191	0.33692	-2.96807	0.238306	0.653632	-1.52991
cg00453717	POLD3	0.192953	0.425215	0.764156	-1.30863	0.32731	0.716041	-1.39657	0.21544	0.650066	-1.5383	0.572538	0.828316	-1.20727	0.76764	0.906766	-1.10282
cg06012269	SLC27A1	0.192955	0.341953	1.42203	1.42203	0.0726892	2.05444	2.05444	0.337021	1.4275	1.4275	0.307652	1.46187	1.46187	0.864172	0.940291	-1.0635
cg00146645	HIST3H2BB	0.192956	0.0831477	0.385261	-2.59564	0.854832	0.912961	-1.09534	0.586026	0.760767	-1.31446	0.270047	0.564934	-1.77012	0.0500406	0.329209	-3.03758
cg16427488	C8orf59;C8orf59;C8orf59;C8orf59	0.192957	0.0434483	0.745164	-1.34199	0.571253	1.07517	1.07517	0.078536	1.28083	1.28083	0.489532	0.91492	-1.09299	0.92841	0.988682	-1.01145
cg18412984	WDR20;WDR20;WDR20;WDR20;HSP90AA1	0.192959	0.445599	0.670377	-1.4917	0.0362076	0.285733	-3.49977	0.0680869	0.349641	-2.86008	0.692521	0.81512	-1.22681	0.070476	0.353527	-2.82864
cg15664075	CCDC159;TMEM205;TMEM205;TMEM205;TMEM205;TMEM205;TMEM205	0.19296	0.949695	0.973891	-1.02681	0.996034	1.00209	1.00209	0.474113	0.736936	-1.35697	0.572789	0.787454	-1.26992	0.0786444	0.44087	-2.26824
cg18280382	ST3GAL4	0.192963	0.858151	0.909056	-1.10004	0.256193	0.531702	-1.88075	0.0982857	0.380452	-2.62845	0.692935	0.809352	-1.23556	0.0206822	0.226519	-4.41464
cg08145178	MIR1256;H2BFM	0.192965	0.503276	1.48836	1.48836	0.977369	0.98353	-1.01675	0.471934	0.651576	-1.53474	0.378874	0.589472	-1.69643	0.0295994	0.223262	-4.47904
cg27413421	EVI5L;EVI5L	0.19297	0.201356	1.68453	1.68453	0.174533	1.74748	1.74748	0.120161	1.91851	1.91851	0.105269	1.98184	1.98184	0.162574	1.77921	1.77921
cg11697861	WIZ	0.192974	0.0948569	0.350695	-2.85148	0.933737	0.95364	-1.04861	0.963107	1.02676	1.02676	0.614766	0.748503	-1.336	0.0384963	0.254474	-3.92968
cg22404450	LY6G5C	0.192976	0.725809	0.820745	-1.2184	0.0643099	3.2098	3.2098	0.457581	0.654159	-1.52868	0.0126276	5.69537	5.69537	0.951771	0.966634	-1.03452
cg12449515	GALNT2	0.192977	0.190384	0.678146	-1.47461	0.0686593	1.76965	1.76965	0.0985265	1.661	1.661	0.675256	1.12525	1.12525	0.102305	0.606065	-1.64999
ch.1.1168472R	THRAP3	0.192978	0.0160226	0.395611	-2.52773	0.550647	0.82702	-1.20916	0.51094	1.23335	1.23335	0.113427	0.581681	-1.71915	0.43728	0.779384	-1.28306
cg22718729	APBB2;APBB2;APBB2	0.192979	0.311934	0.548984	-1.82155	?	?	?	0.0977871	2.89909	2.89909	0.155877	2.414	2.414	0.0701941	0.302816	-3.30233
cg16601515	DNAL4	0.192982	0.895756	0.940234	-1.06357	0.0214816	0.27292	-3.66408	0.272211	1.71136	1.71136	0.662377	0.813389	-1.22942	0.125197	0.458306	-2.18195
cg11540358	VNN1	0.192994	0.662843	0.851075	-1.17498	0.982522	0.99198	-1.00808	0.089991	0.503132	-1.98755	0.121504	0.539522	-1.85349	0.128899	0.547067	-1.82793
ch.19.820881F	KIAA0892	0.192998	0.130685	0.656899	-1.5223	0.32815	0.771152	-1.29676	0.0131689	0.453217	-2.20645	0.125863	0.652838	-1.53177	0.47337	0.828817	-1.20654
cg26280713	THBS2	0.193003	0.248101	0.551962	-1.81172	0.521846	0.726497	-1.37647	0.0983499	2.44061	2.44061	0.619509	0.781635	-1.27937	0.125901	0.442605	-2.25935
cg17562763	NUDT8	0.193006	0.390708	0.876015	-1.14153	0.714486	1.05686	1.05686	0.794874	0.961544	-1.03999	0.150213	0.792839	-1.26129	0.11374	0.771823	-1.29563
cg25975823	B9D2;TGFB1	0.193006	0.0443432	0.374481	-2.67036	0.20164	0.56359	-1.77434	0.0828646	0.441876	-2.26308	0.562003	0.779318	-1.28317	0.0619785	0.409111	-2.44432
cg14784242	NRSN1	0.193006	0.213931	1.89725	1.89725	0.0158681	4.2452	4.2452	0.0380587	3.24388	3.24388	0.161814	2.07734	2.07734	0.84467	1.10076	1.10076
cg26415023	SNORA74B;ATP6V0E1	0.193016	0.0896708	0.772478	-1.29454	0.133378	0.7998	-1.25031	0.191142	0.826156	-1.21042	0.726881	1.04957	1.04957	0.0541666	0.739686	-1.35193
cg11663008	CDC27;CDC27	0.193017	0.378424	1.78929	1.78929	0.447284	1.64654	1.64654	0.489123	1.57208	1.57208	0.22343	2.27858	2.27858	0.152937	2.67906	2.67906
cg19302283	BTC	0.193025	0.788686	1.049	1.049	0.0648361	0.691222	-1.44671	0.0946285	0.720951	-1.38706	0.79832	0.955423	-1.04666	0.881172	1.027	1.027
cg04518888	LNPEP;LNPEP	0.193028	0.723394	0.915287	-1.09255	0.538965	1.16759	1.16759	0.422368	0.815347	-1.22647	0.845768	0.952648	-1.04971	0.607045	0.878781	-1.13794
cg16108237	TMCO3	0.193029	0.218104	0.737265	-1.35636	0.783092	1.06708	1.06708	0.352637	1.25236	1.25236	0.225903	0.741413	-1.34878	0.0325436	0.555064	-1.80159
cg14840850	AGPAT4	0.193032	0.181669	2.2734	2.2734	0.191165	0.448567	-2.22932	0.486882	0.664178	-1.50562	0.520912	1.45779	1.45779	0.506766	1.47724	1.47724
cg14808890	HIST1H2BH;HIST1H3F	0.193033	0.896553	0.973505	-1.02722	0.486143	1.15729	1.15729	0.797645	0.948343	-1.05447	0.638412	1.10264	1.10264	0.133275	0.715819	-1.397
cg02896191	FAT1	0.193035	0.698986	0.895136	-1.11715	0.792262	1.07816	1.07816	0.520784	0.830633	-1.2039	0.671035	0.885325	-1.12953	0.376237	1.29548	1.29548
cg13953403	LSM1;BAG4	0.193037	0.805895	0.968232	-1.03281	0.00667282	0.630327	-1.58648	0.412357	0.895919	-1.11617	0.867655	1.02211	1.02211	0.886232	0.981403	-1.01895
cg17903229	KRTAP10-1;C21orf29;KRTAP10-1	0.193041	0.651694	0.855481	-1.16893	0.326061	1.41666	1.41666	0.421247	0.754107	-1.32607	0.584128	0.827065	-1.20909	0.424687	0.755749	-1.32319
cg25567337	C20orf166;C20orf166;C20orf200	0.193041	0.428893	1.19372	1.19372	0.642573	0.902597	-1.10791	0.769725	1.06648	1.06648	0.156366	1.39439	1.39439	0.130529	0.699042	-1.43053
cg20468058	CRTC1;CRTC1	0.193041	0.766588	0.810564	-1.23371	0.432286	1.76021	1.76021	0.68219	0.747905	-1.33707	0.590147	0.681374	-1.46762	0.0424817	0.192375	-5.19817
cg09645888	ME3;ME3;ME3;ME3	0.193045	0.959289	1.00976	1.00976	0.882009	1.02866	1.02866	0.509792	1.13565	1.13565	0.381676	1.18613	1.18613	0.360281	1.19594	1.19594
cg24034959	UBD	0.193046	0.633115	1.3151	1.3151	0.0720649	0.31869	-3.13785	0.128438	0.392213	-2.54964	0.190134	2.20411	2.20411	0.768839	1.18277	1.18277
cg10680376	ABLIM1;ABLIM1;ABLIM1	0.193047	0.250444	1.17046	1.17046	0.164313	0.823268	-1.21467	0.990846	0.998497	-1.0015	0.0490672	0.744934	-1.3424	0.118809	1.24844	1.24844
cg15730068	TKTL2	0.193051	0.898409	1.02087	1.02087	0.879778	0.975824	-1.02477	0.202596	1.24298	1.24298	0.940775	0.988057	-1.01209	0.186762	1.25393	1.25393
cg25188071	MIR296	0.193052	0.406734	0.724481	-1.3803	0.738609	1.13562	1.13562	0.774009	1.11553	1.11553	0.188817	1.6967	1.6967	0.0153202	0.322908	-3.09686
cg18759081	COL9A3	0.193055	0.315255	0.729889	-1.37007	0.681743	0.882474	-1.13318	0.320063	1.36553	1.36553	0.100263	1.72633	1.72633	0.090977	0.568614	-1.75866
cg02275878	OTOP2;USH1G	0.193056	0.0853161	0.552859	-1.80878	0.536826	1.21513	1.21513	0.84701	0.941595	-1.06203	0.466747	0.793948	-1.25953	0.0411178	0.479891	-2.08381
cg08832414	ECE2;ECE2;ECE2;ECE2	0.193057	0.194171	0.471434	-2.12119	0.388391	1.62247	1.62247	0.164583	2.25184	2.25184	0.42956	0.643105	-1.55496	0.408391	0.629443	-1.58871
cg18719723	COL2A1;COL2A1	0.193058	0.0539051	0.665146	-1.50343	0.970669	1.00687	1.00687	0.0910113	0.706894	-1.41464	0.125827	0.734449	-1.36156	0.312158	0.82299	-1.21508
cg02396797	IGF2R	0.193061	0.0870944	0.794835	-1.25812	0.367249	1.11915	1.11915	0.846813	0.976767	-1.02379	0.273241	0.870591	-1.14864	0.632754	0.943167	-1.06026
cg01108921	DSCAM	0.193065	0.215747	0.467552	-2.1388	0.632246	1.32491	1.32491	0.174386	2.32347	2.32347	0.673049	1.28102	1.28102	0.0556673	0.282159	-3.5441
cg04704227	C1orf151	0.193066	0.261587	0.714984	-1.39863	0.752248	1.095	1.095	0.95576	1.01603	1.01603	0.168389	0.656633	-1.52292	0.399478	0.780999	-1.28041
cg27074221	MIR495	0.193069	0.118283	1.62956	1.62956	0.0520662	0.529237	-1.88951	0.564684	0.845662	-1.1825	0.442122	1.25316	1.25316	0.438362	0.79644	-1.25559
cg04081326	FAM149A	0.193074	0.102069	0.744367	-1.34342	0.884384	0.97628	-1.0243	0.134194	1.30535	1.30535	0.200434	0.800018	-1.24997	0.0784163	0.724307	-1.38063
cg03580297	LPPR4;LPPR4	0.193076	0.6508	1.15424	1.15424	0.0280638	2.26306	2.26306	0.0367936	2.1459	2.1459	0.43484	0.778158	-1.28509	0.318763	0.722986	-1.38315
cg04124909	ZNF648;ZNF648	0.193077	0.627201	0.8217	-1.21699	0.842652	0.923351	-1.08301	0.136639	0.525499	-1.90295	0.979212	0.9896	-1.01051	0.614755	0.815769	-1.22584
cg07830855	DST;DST;DST;DST	0.193079	0.291215	1.74551	1.74551	0.806138	1.13321	1.13321	0.33227	0.601263	-1.66317	0.244984	1.85622	1.85622	0.164643	0.470465	-2.12556
cg02927252	KIAA1026;KIAA1026	0.193081	0.0267097	0.101741	-9.82886	0.137978	0.248992	-4.0162	0.963031	0.960457	-1.04117	0.334311	0.420311	-2.37919	0.329022	0.416071	-2.40343
cg12512013	DLC1;DLC1	0.193084	0.886322	0.962743	-1.0387	0.118412	1.56826	1.56826	0.0990747	0.618807	-1.61601	0.850791	0.951243	-1.05126	0.341908	0.771105	-1.29684
cg18676586	TNFRSF17	0.193087	0.0208834	0.182959	-5.46572	0.699596	0.789079	-1.2673	0.435234	0.61485	-1.62641	0.373014	0.57193	-1.74847	0.0624184	0.277671	-3.60139
cg04633409	TWF1	0.193087	0.265941	0.743585	-1.34484	0.185553	0.698525	-1.43159	0.20912	1.40266	1.40266	0.0329708	0.528667	-1.89155	0.421024	0.810507	-1.2338
cg00781169	PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3;PTGER3	0.193093	0.884996	1.06116	1.06116	0.35123	0.674676	-1.48219	0.941425	0.970308	-1.0306	0.695856	1.17485	1.17485	0.191467	0.567088	-1.76339
cg20053381	GMPPA;GMPPA	0.193095	0.270144	1.26138	1.26138	0.910259	1.02306	1.02306	0.329596	1.22565	1.22565	0.12573	0.715279	-1.39806	0.0914436	0.686681	-1.45628
cg04358037	MMP21	0.193102	0.0840966	0.304719	-3.28171	0.0214763	0.179496	-5.57116	0.0446269	0.238448	-4.19379	0.672219	0.767503	-1.30293	0.214736	0.443938	-2.25257
cg07446795	CCDC40	0.193105	0.292959	1.717	1.717	0.627943	0.785075	-1.27376	0.222667	1.88696	1.88696	0.162549	2.0933	2.0933	0.833885	1.10967	1.10967

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14712575	0.925778	0.947718	-1.05517	0.708284	0.805243	-1.24186	0.468798	0.653918	-1.52924	0.173119	0.433695	-2.30577	1.88227	9.90102	4.67569	1
cg10105974	0.192831	1.46404	1.46404	0.872565	1.0454	1.0454	0.0772833	1.72159	1.72159	0.456956	1.2331	1.2331	1.88227	2.2806	1.077	1
cg22273939	0.235138	3.71602	3.71602	0.320147	2.95555	2.95555	0.0292262	15.032	15.032	0.0572466	9.67088	9.67088	1.88225	33.1743	15.6665	1
cg03940243	0.430987	0.696656	-1.43543	0.5041	1.35644	1.35644	0.887781	0.938478	-1.06555	0.222157	0.561587	-1.78067	1.88224	6.02873	2.84706	1
cg10569328	0.302155	1.22041	1.22041	0.136901	0.741878	-1.34793	0.571082	1.11257	1.11257	0.943238	1.01336	1.01336	1.88224	1.03509	0.488822	1
cg11404906	0.520811	0.546519	-1.82976	0.487883	1.92408	1.92408	0.133351	4.5618	4.5618	0.0266633	12.1791	12.1791	1.96435	26.137	10.3489	1
cg04497015	0.231169	1.39295	1.39295	0.213835	0.707946	-1.41254	0.428244	1.2379	1.2379	0.514811	1.19041	1.19041	1.88216	2.07567	0.980281	1
cg24668150	0.161614	0.72946	-1.37088	0.42101	0.840724	-1.18945	0.636458	1.1057	1.1057	0.243504	1.29375	1.29375	1.88213	1.32771	0.62705	1
cg05058103	0.0656472	0.343467	-2.91149	0.267686	0.550301	-1.81719	0.512257	1.41032	1.41032	0.135488	0.43504	-2.29864	1.88209	7.97659	3.76726	1
cg13189434	0.170786	0.626053	-1.59731	0.050453	0.488771	-2.04595	0.220907	0.661529	-1.51165	0.113489	0.575227	-1.73844	1.88207	3.07318	1.45144	1
cg12362662	0.12497	1.2252	1.2252	0.662277	0.947672	-1.05522	0.15663	1.20356	1.20356	0.0672945	1.28499	1.28499	1.88206	0.445783	0.210542	1
cg13941982	0.0807579	0.637435	-1.56879	0.435318	1.20331	1.20331	0.503106	1.17118	1.17118	0.344875	0.797541	-1.25385	1.88205	1.6116	0.761155	1
cg08970330	0.927151	1.05443	1.05443	0.129404	2.65623	2.65623	0.946976	0.962186	-1.0393	0.544918	0.700024	-1.42852	2.07853	10.5304	3.37752	1
cg27587257	0.585867	0.700683	-1.42718	0.346113	1.87258	1.87258	0.780512	1.19795	1.19795	0.741836	0.807564	-1.23829	1.88204	12.4601	5.8849	1
cg13575638	0.0273125	0.299513	-3.33876	0.921012	1.04685	1.04685	0.634645	0.801715	-1.24733	0.41767	0.682249	-1.46574	1.89272	5.67897	3.00042	1
cg02974456	0.215971	1.22909	1.22909	0.394971	0.871093	-1.14798	0.425966	1.13743	1.13743	0.474145	0.891091	-1.12222	1.88202	0.74794	0.353256	1
cg00701185	0.0781259	1.51999	1.51999	0.0897899	1.4919	1.4919	0.929353	1.01915	1.01915	0.567484	0.88371	-1.13159	1.88202	1.36396	0.644208	1
cg05504025	0.0593447	0.49837	-2.00654	0.162063	0.613598	-1.62973	0.360388	0.735186	-1.3602	0.136519	0.591674	-1.69012	1.882	3.19039	1.50685	1
cg20028233	0.116864	1.41706	1.41706	0.122501	0.710036	-1.40838	0.457022	1.16764	1.16764	0.0405784	1.62234	1.62234	1.882	1.24798	0.589432	1
cg14826211	0.969392	1.02619	1.02619	0.719698	0.784421	-1.27483	0.908379	0.925362	-1.08066	0.681266	0.75709	-1.32085	1.88199	13.5321	6.39141	1
cg09593767	0.441167	1.1482	1.1482	0.623832	0.916706	-1.09086	0.0892622	1.39054	1.39054	0.515676	0.890504	-1.12296	1.88198	0.922712	0.435811	1
cg00625131	0.120774	1.97323	1.97323	0.214496	0.589862	-1.69531	0.831229	1.09004	1.09004	0.682177	1.18094	1.18094	1.88197	4.86336	2.29706	1
cg01305981	0.132722	0.361878	-2.76336	0.106663	0.331623	-3.01547	0.261975	2.08111	2.08111	0.969573	1.02419	1.02419	1.88192	11.7015	5.527	1
cg03863486	0.910685	0.959821	-1.04186	0.110594	0.529725	-1.88777	0.252557	0.646121	-1.5477	0.677724	0.858362	-1.16501	1.88192	3.98083	1.88027	1
cg14861221	0.560354	0.8675	-1.15274	0.0484537	0.580283	-1.7233	0.765449	0.930325	-1.07489	0.522871	0.85529	-1.16919	1.88191	1.73679	0.820343	1
cg26946276	0.545992	1.07959	1.07959	0.584862	0.9332	-1.07158	0.555692	0.928029	-1.07755	0.187871	1.19112	1.19112	1.88191	0.468115	0.221107	1
cg05785141	0.734771	1.07223	1.07223	0.242074	0.777944	-1.28544	0.586126	1.11935	1.11935	0.271844	1.26438	1.26438	1.88191	1.2536	0.592116	1
cg08692430	0.80428	0.93895	-1.06502	0.032115	0.520564	-1.92099	0.44833	1.21719	1.21719	0.110601	0.639623	-1.56342	1.96402	1.95879	0.775704	1
cg16267266	0.530242	0.874627	-1.14334	0.84926	0.960704	-1.0409	0.0560793	0.633884	-1.57757	0.830784	0.955914	-1.04612	1.88189	1.32303	0.624917	1
cg15850954	0.116618	1.4168	1.4168	0.0308687	0.595696	-1.67871	0.325273	0.812557	-1.23068	0.469585	1.16223	1.16223	1.88187	1.24462	0.587891	1
cg19257111	0.166603	2.09178	2.09178	0.408253	0.654893	-1.52697	0.0352667	3.41101	3.41101	0.271517	1.77326	1.77326	1.88186	7.46355	3.52539	1
cg18611813	0.194636	0.410885	-2.43377	0.406625	0.576751	-1.73385	0.868854	1.11308	1.11308	0.856356	0.889171	-1.12464	1.88185	12.5257	5.91648	1
cg02578058	0.942856	1.02794	1.02794	0.550344	1.26145	1.26145	0.0329827	2.60772	2.60772	0.12688	0.530138	-1.8863	1.88185	4.40315	2.07982	1
cg14377152	0.183463	0.571721	-1.7491	0.0766489	0.45834	-2.18179	0.0278602	0.357135	-2.80006	0.313641	0.661761	-1.51112	1.88183	4.6776	2.20948	1
cg02866468	0.246333	0.494779	-2.0211	0.0197934	0.19531	-5.12007	0.505867	0.67585	-1.47962	0.112162	0.36645	-2.72889	1.8818	10.0394	4.7422	1
cg18348274	0.520904	0.664853	-1.50409	0.341579	0.540781	-1.84918	0.27754	2.03072	2.03072	0.738294	1.23411	1.23411	1.88179	11.7279	5.53985	1
cg18831371	0.655403	1.08595	1.08595	0.0246549	0.611923	-1.63419	0.59882	0.907146	-1.10236	0.709422	1.07113	1.07113	1.88178	1.00426	0.474378	1
cg16791686	0.0973212	1.41531	1.41531	0.0524295	1.52358	1.52358	0.0956515	1.41826	1.41826	0.365129	1.1944	1.1944	1.88177	1.08618	0.513079	1
cg02226666	0.240542	0.815803	-1.22579	0.0266636	0.647156	-1.54522	0.817453	1.03905	1.03905	0.238914	1.22673	1.22673	1.88176	0.818121	0.386456	1
cg19429281	0.742702	1.3373	1.3373	0.0286708	9.75057	9.75057	0.0969087	4.99129	4.99129	0.0461515	7.50743	7.50743	1.89242	20.7396	10.9593	1
cg20174000	0.377861	0.80704	-1.2391	0.425118	1.21286	1.21286	0.0526561	1.68531	1.68531	0.118073	1.49494	1.49494	1.88173	1.67306	0.790318	1
cg03629948	0.694536	0.83215	-1.20171	0.0121482	0.233353	-4.28536	0.887892	0.936442	-1.06787	0.562944	0.761641	-1.31296	1.88172	6.4593	3.05125	1
cg05153057	0.50211	1.19672	1.19672	0.759983	1.08413	1.08413	0.549929	0.852591	-1.1729	0.72211	0.910153	-1.09872	1.88172	2.0713	0.978444	1
cg14381673	0.12874	0.240515	-4.15774	0.0138272	0.0713158	-14.0221	0.571263	1.64315	1.64315	0.249761	0.352047	-2.84053	1.88169	22.4508	10.6055	1
cg04767753	0.798074	1.07307	1.07307	0.120501	0.629252	-1.58919	0.461094	0.81351	-1.22924	0.813107	1.06731	1.06731	1.88168	2.25481	1.06515	1
cg26660002	0.199732	1.25968	1.25968	0.488294	0.886941	-1.12747	0.0173306	0.610266	-1.63863	0.287228	1.2072	1.2072	1.88168	0.865383	0.4088	1
cg10838535	0.0766465	1.72392	1.72392	0.118175	0.625528	-1.59865	0.77249	0.92296	-1.08347	0.733729	0.909896	-1.09903	1.88167	2.27919	1.07668	1
cg10051935	0.797008	1.0739	1.0739	0.0154998	2.27347	2.27347	0.0831294	1.70005	1.70005	0.180566	1.48184	1.48184	1.88166	2.28008	1.0771	1
cg14644616	0.0130632	0.0292505	-34.1875	0.493302	0.500294	-1.99882	0.899755	0.883176	-1.13228	0.930512	1.08976	1.08976	2.25466	28.2873	7.84132	1
cg00633062	0.485915	0.721701	-1.38561	0.276591	0.593761	-1.68418	0.073223	0.398424	-2.50989	0.996594	1.00197	1.00197	1.88166	6.32314	2.98703	1
cg05446994	0.315135	0.875728	-1.14191	0.641172	1.0618	1.0618	0.013213	0.675423	-1.48055	0.659252	0.944885	-1.05833	1.88165	0.486411	0.229779	1
cg07322981	0.385071	1.11206	1.11206	0.0900365	1.24963	1.24963	0.275336	0.873404	-1.14495	0.329137	1.12764	1.12764	1.88162	0.423935	0.200269	1
cg13461130	0.609364	0.664455	-1.50499	0.0260114	0.122989	-8.13078	0.494577	0.576849	-1.73355	0.261674	0.395171	-2.53055	1.8816	18.7496	8.85751	1
cg07525817	0.402677	1.21609	1.21609	0.109498	0.671252	-1.48975	0.28277	1.2904	1.2904	0.462722	0.84302	-1.18621	1.88158	1.55506	0.734637	1
cg11293764	0.462175	1.58484	1.58484	0.353427	0.555764	-1.79932	0.360388	0.560743	-1.78335	0.562373	0.697429	-1.43384	1.88157	11.2793	5.32852	1
cg20648369	0.929857	0.943146	-1.06028	0.254862	2.20427	2.20427	0.0816998	3.60649	3.60649	0.0672422	3.91009	3.91009	1.88157	13.1726	6.22296	1
cg10229294	0.285709	0.78049	-1.28125	0.0580292	0.619461	-1.61431	0.569005	1.1373	1.1373	0.120265	1.45746	1.45746	1.88155	1.48881	0.703349	1
cg17367215	0.280296	1.54699	1.54699	0.0501745	2.38233	2.38233	0.576202	0.802893	-1.2455	0.0209095	2.94613	2.94613	1.88154	4.5039	2.12776	1
cg06796869	0.553754	0.848202	-1.17896	0.930391	1.0243	1.0243	0.279978	1.36164	1.36164	0.686323	1.11805	1.11805	1.88151	2.25118	1.06353	1
cg26190483	0.943251	0.982554	-1.01776	0.198825	1.3989	1.3989	0.0174089	0.488804	-2.04581	0.943066	0.982497	-1.01781	1.8815	1.82136	0.860475	1
cg00933924	0.329918	0.724534	-1.3802	0.923511	1.03126	1.03126	0.785222	1.09149	1.09149	0.931964	0.973005	-1.02774	1.8815	3.06075	1.44601	1
cg01446093	0.459179	0.840725	-1.18945	0.868011	1.03903	1.03903	0.88715	0.967843	-1.03323	0.053601	0.603777	-1.65624	1.88148	1.57895	0.745961	1
cg05070690	0.0343698	1.69468	1.69468	0.141531	1.40197	1.40197	0.504779	1.15564	1.15564	0.0763069	1.52423	1.52423	1.88146	1.36122	0.643104	1
cg17516106	0.654035	0.764121	-1.30869	0.76923	1.19178	1.19178	0.852202	1.11765	1.11765	0.926177	1.05682	1.05682	1.88145	10.5981	5.00705	1
cg01161725	0.0394836	1.42391	1.42391	0.103662	0.767921	-1.30222	0.845644	0.971493	-1.02934	0.363383	1.14868	1.14868	1.88143	0.656083	0.309968	1
cg10767152	0.0627327	2.34945	2.34945	0.173227	1.80601	1.80601	0.847073	0.924267	-1.08194	0.962151	1.01954	1.01954	1.88143	4.9577	2.34228	1
cg07425555	0.819517	0.928686	-1.07679	0.775767	0.911694	-1.09686	0.0650211	0.511345	-1.95563	0.726508	1.12039	1.12039	1.88141	3.1228	1.47539	1
cg06403673	0.842806	0.962833	-1.0386	0.0705795	1.47033	1.47033	0.772491	0.9462	-1.05686	0.684717	0.925082	-1.08099	1.88141	1.08436	0.512317	1
cg23828635	0.742778	1.07178	1.07178	0.0151433	1.87422	1.87422	0.413359	1.19249	1.19249	0.988181	1.00312	1.00312	1.88138	1.32045	0.623865	1
cg08603449	0.172789	2.13307	2.13307	0.368264	1.62019	1.62019	0.101467	2.5505	2.5505	0.424628	1.53074	1.53074	1.88137	8.12372	3.83821	1
cg21883598	0.0520612	2.25925	2.25925	0.322884	1.45729	1.45729	0.175665	1.70074	1.70074	0.466753	0.760999	-1.31406	1.88137	4.05268	1.91477	1
cg22798400	0.0668362	0.391825	-2.55216	0.745749	1.15993	1.15993	0.0567426	2.67345	2.67345	0.636225	1.24267	1.24267	1.88135	6.1958	2.92736	1
cg06668065	0.256874	2.62167	2.62167	0.0131523	12.2328	12.2328	0.229619	2.79179	2.79179	0.476087	1.80432	1.80432	1.88134	19.7656	9.33875	1
cg20566942	0.730474	1.12643	1.12643	0.561838	1.22375	1.22375	0.460771	1.295	1.295	0.363938	1.37876	1.37876	1.88132	3.5312	1.66843	1
cg00453717	0.630875	1.17341	1.17341	0.0181537	2.57946	2.57946	0.294882	1.43166	1.43166	0.359699	0.732663	-1.36488	1.88131	3.25103	1.53606	1
cg06012269	0.163827	1.70619	1.70619	0.0177559	2.81953	2.81953	0.130942	1.79757	1.79757	0.125946	1.81375	1.81375	1.8813	3.85247	1.82024	1
cg00146645	0.753542	0.855039	-1.16954	0.0282923	0.27596	-3.62371	0.0649492	0.356833	-2.80243	0.618088	0.778867	-1.28392	1.8813	7.36621	3.48044	1
cg16427488	0.360263	0.887687	-1.12652	0.693499	1.05145	1.05145	0.26593	0.863437	-1.15816	0.189102	1.1927	1.1927	1.88129	0.478039	0.225868	1
cg18412984	0.802911	0.879307	-1.13726	0.0534027	0.323506	-3.09113	0.233435	0.525948	-1.90133	0.182712	0.483226	-2.06942	1.88128	7.88196	3.72416	1
cg15664075	0.308313	0.642651	-1.55606	0.0165008	0.292781	-3.41552	0.652065	1.20964	1.20964	0.24267	1.66978	1.66978	1.88128	5.23881	2.4753	1
cg18280382	0.499847	1.44056	1.44056	0.870334	1.09097	1.09097	0.952582	1.0322	1.0322	0.176319	2.15148	2.15148	1.88126	8.46324	3.99885	1
cg08145178	0.0475182	0.265274	-3.76969	0.801914	1.15854	1.15854	0.278308	0.516867	-1.93474	0.0876802	0.331679	-3.01496	1.88125	10.2117	4.82504	1
cg27413421	0.420683	1.37429	1.37429	0.141392	1.84266	1.84266	0.0140758	3.2265	3.2265	0.600752	1.22639	1.22639	1.88122	4.45029	2.10278	1
cg11697861	0.0636447	0.30414	-3.28796	0.247088	0.501147	-1.99542	0.0968593	0.353339	-2.83015	0.0903949	0.344681	-2.90123	1.88121	9.7085	4.58737	1
cg22404450	0.436976	1.5603	1.5603	0.724293	0.819803	-1.2198	0.933219	1.04814	1.04814	0.532243	1.42609	1.42609	1.88119	9.37802	4.43124	1
cg12449515	0.308844	1.34311	1.34311	0.349775	1.30941	1.30941	0.582438	1.16827	1.16827	0.697341	1.11568	1.11568	1.88119	2.33717	1.10435	1
ch.1.1168472R	0.262077	0.692228	-1.44461	0.106554	0.574472	-1.74073	0.764757	1.099	1.099	0.827547	1.07104	1.07104	1.88119	2.94784	1.3929	1
cg22718729	0.924089	0.947454	-1.05546	?	?	?	0.76907	0.846294	-1.18162	0.658315	1.2874	1.2874	2.0959	7.88537	3.22481	1
cg16601515	0.212966	0.539766	-1.85266	0.929544	1.04245	1.04245	0.520552	1.35821	1.35821	0.349889	1.57203	1.57203	1.88116	6.58459	3.11136	1
cg11540358	0.0178336	0.346939	-2.88235	0.184929	0.596415	-1.67669	0.725606	1.13829	1.13829	0.367254	0.711449	-1.40558	1.88111	4.02533	1.90211	1
ch.19.820881F	0.192999	0.701387	-1.42575	0.54346	0.853559	-1.17157	0.245391	0.731379	-1.36728	0.510307	1.1876	1.1876	1.88108	1.97489	0.933217	1
cg26280713	0.525766	1.37223	1.37223	0.0404981	0.312084	-3.20426	0.263643	0.563537	-1.7745	0.394893	0.651243	-1.53552	1.88106	7.21686	3.41031	1
cg17562763	0.856844	0.973188	-1.02755	0.0358351	1.44419	1.44419	0.305418	0.852376	-1.17319	0.197755	0.814726	-1.22741	1.88105	0.67488	0.318915	1
cg25975823	0.73281	1.15689	1.15689	0.090054	0.451791	-2.21341	0.150739	0.519473	-1.92503	0.907668	0.951856	-1.05058	1.88104	5.38799	2.5461	1
cg14784242	0.308128	1.67574	1.67574	0.917334	1.05212	1.05212	0.335457	1.62593	1.62593	0.294406	1.70268	1.70268	1.88104	7.13509	3.3717	1
cg26415023	0.860299	1.0246	1.0246	0.376156	1.1335	1.1335	0.741637	0.955377	-1.04671	0.0757643	0.761312	-1.31352	1.88099	0.567148	0.268013	1
cg11663008	0.486715	1.57616	1.57616	0.0140711	7.03945	7.03945	0.0356985	4.82474	4.82474	0.218404	2.30133	2.30133	1.88099	12.3485	5.83544	1
cg19302283	0.955825	0.990183	-1.00991	0.0343821	1.55193	1.55193	0.492373	0.883222	-1.13222	0.615088	0.913663	-1.09449	1.88095	0.944865	0.44652	1
cg04518888	0.879139	1.03863	1.03863	0.0122899	0.459906	-2.17436	0.164387	1.44707	1.44707	0.323657	1.28906	1.28906	1.88093	1.84834	0.873487	1
cg16108237	0.230652	0.743891	-1.34428	0.417255	1.21537	1.21537	0.522894	0.858691	-1.16456	0.0835562	0.637231	-1.56929	1.88093	1.64903	0.779302	1
cg14840850	0.266115	1.95662	1.95662	0.0300752	4.38342	4.38342	0.146849	2.46431	2.46431	0.2278	2.08201	2.08201	1.88091	9.99571	4.72381	1
cg14808890	0.100178	1.45038	1.45038	0.0261823	0.580103	-1.72383	0.448511	1.17286	1.17286	0.752117	1.0676	1.0676	1.88091	1.26945	0.599923	1
cg02896191	0.335658	1.32716	1.32716	0.00649559	2.74162	2.74162	0.474503	1.23042	1.23042	0.563401	1.18121	1.18121	1.8809	2.42124	1.14425	1
cg13953403	0.543615	0.922552	-1.08395	0.285942	1.15641	1.15641	0.630252	1.06567	1.06567	0.985497	0.997619	-1.00239	1.88089	0.512221	0.242071	1
cg17903229	0.662215	0.859852	-1.16299	0.0286576	0.412014	-2.4271	0.026794	0.406104	-2.46243	0.622832	1.18564	1.18564	1.88087	3.51478	1.66107	1
cg25567337	0.769267	1.06662	1.06662	0.0275227	0.564649	-1.77101	0.579156	1.1307	1.1307	0.236993	0.762115	-1.31214	1.88087	1.43217	0.676836	1
cg20468058	0.325371	0.488464	-2.04723	0.0267402	0.15695	-6.37144	0.100669	0.281212	-3.55604	0.250586	0.428687	-2.3327	1.88087	14.8283	7.00778	1
cg09645888	0.599689	1.10601	1.10601	0.00893415	0.531119	-1.88282	0.400312	0.848916	-1.17797	0.76464	1.05879	1.05879	1.88085	1.07818	0.50955	1
cg24034959	0.179737	2.2514	2.2514	0.201167	0.46353	-2.15736	0.539932	0.702278	-1.42394	0.300583	1.84219	1.84219	1.88084	9.66345	4.56696	1
cg10680376	0.520159	1.08919	1.08919	0.177086	0.828591	-1.20687	0.852977	1.02461	1.02461	0.598694	1.07208	1.07208	1.88084	0.511663	0.241813	1
cg15730068	0.0381103	1.47501	1.47501	0.0176035	1.59521	1.59521	0.462607	1.12852	1.12852	0.990249	0.998026	-1.00198	1.88082	0.778792	0.368063	1
cg25188071	0.943901	1.02708	1.02708	0.375267	1.41279	1.41279	0.20696	1.65765	1.65765	0.904976	1.0464	1.0464	1.88081	4.29558	2.03013	1
cg18759081	0.320396	0.732484	-1.36522	0.112435	1.68877	1.68877	0.69332	1.1277	1.1277	0.308386	0.726384	-1.37668	1.8808	2.73865	1.29432	1
cg02275878	0.0958567	0.565611	-1.768	0.201466	1.52239	1.52239	0.794183	1.08487	1.08487	0.795343	1.08435	1.08435	1.88079	2.89146	1.36655	1
cg08832414	0.323071	0.571912	-1.74852	0.122977	0.400588	-2.49633	0.042319	0.277959	-3.59765	0.257001	0.523277	-1.91103	1.88079	8.92729	4.21918	1
cg18719723	0.852235	0.965853	-1.03535	0.154239	0.752637	-1.32866	0.32271	0.826686	-1.20965	0.155709	1.32713	1.32713	1.88078	1.03414	0.48875	1
cg02396797	0.633571	1.06011	1.06011	0.0540388	1.30445	1.30445	0.23665	0.860106	-1.16265	0.163454	0.834633	-1.19813	1.88077	0.440006	0.207956	1
cg01108921	0.802374	0.863873	-1.15758	0.0328301	0.232986	-4.29211	0.739946	0.823351	-1.21455	0.972897	0.980371	-1.02002	1.88075	10.1421	4.7934	1
cg04704227	0.115804	0.612713	-1.63209	0.662753	0.881831	-1.134	0.192094	1.48541	1.48541	0.0487146	1.90625	1.90625	1.88074	2.44619	1.15613	1
cg27074221	0.648575	0.876239	-1.14124	0.340018	0.753414	-1.32729	0.0559327	0.53606	-1.86546	0.361757	0.76343	-1.30988	1.88073	2.46954	1.16718	1
cg04081326	0.276296	0.829585	-1.20542	0.664918	0.930627	-1.07454	0.0624454	0.707539	-1.41335	0.471917	0.886281	-1.12831	1.8807	0.810751	0.38319	1
cg03580297	0.461686	1.26602	1.26602	0.819239	1.07472	1.07472	0.373768	1.33297	1.33297	0.942736	0.97764	-1.02287	1.88069	2.95159	1.39504	1
cg04124909	0.797554	0.902	-1.10865	0.0855297	2.1439	2.1439	0.451463	1.36047	1.36047	0.0223901	0.33358	-2.99778	1.88069	4.79548	2.26654	1
cg07830855	0.190888	2.02263	2.02263	0.197906	1.99802	1.99802	0.0335699	3.53497	3.53497	0.535913	1.3755	1.3755	1.88068	7.705	3.64171	1
cg02927252	0.515195	0.563039	-1.77608	0.0299532	0.108289	-9.23452	0.126584	0.237281	-4.21441	0.198494	0.306399	-3.26372	1.88066	22.5685	10.6669	1
cg12512013	0.521641	1.18816	1.18816	0.833534	1.05745	1.05745	0.162811	1.48507	1.48507	0.0589848	0.567782	-1.76124	1.88065	2.09855	0.991876	1
cg18676586	0.159818	0.399458	-2.50339	0.0481079	0.251539	-3.97553	0.274636	0.49935	-2.0026	0.815825	0.867148	-1.15321	1.88064	11.1178	5.25486	1
cg04633409	0.783252	0.93195	-1.07302	0.448272	1.21837	1.21837	0.417858	0.809294	-1.23564	0.0884823	0.618579	-1.61661	1.88064	1.94564	0.919614	1
cg00781169	0.340658	0.668467	-1.49596	0.0262077	0.339006	-2.9498	0.179198	1.79544	1.79544	0.0995364	0.476891	-2.09691	1.88061	5.0109	2.36846	1
cg20053381	0.0603392	0.651557	-1.53479	0.235592	0.77773	-1.28579	0.94677	1.01359	1.01359	0.471488	1.15966	1.15966	1.88059	1.21813	0.575764	1
cg04358037	0.589683	0.712818	-1.40288	0.124693	0.35575	-2.81096	0.363734	0.559691	-1.7867	0.769957	0.833329	-1.20001	1.88056	11.5147	5.44267	1
cg07446795	0.438567	1.47918	1.47918	0.0205117	3.98732	3.98732	0.0505887	3.01578	3.01578	0.169455	2.06522	2.06522	1.88055	7.31231	3.45635	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	SS(Test)	SS(Error)	
cg16616325	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-	0.193108	0.475018	0.915889	-1.09184	0.0902603	1.25331	1.25331	0.674651	1.05239	1.05239	0.0931228	1.25034	1.25034	0.276548	1.1467	1.1467		0.723923	1.04383	1.04383	0.221777	0.856142	-1.16803	0.0748416	1.27122	1.27122	0.353699	0.891001	-1.12233	1.88053	0.435675	0.205934	1	
cg11134720	ZNF804B	0.193108	0.459607	0.879018	-1.13763	0.3000002	0.832288	-1.20151	0.193928	1.2654	1.2654	0.35295	0.848999	-1.17786	0.248441	0.813325	-1.22952		0.196044	0.791244	-1.26383	0.0144874	0.559695	-1.67518	0.628829	0.919967	-1.087	0.8059119	1.04306	1.04306	1.88053	0.8735666	0.412917	1	
cg00154077	HLA-B	0.193109	0.192332	0.810715	-1.23348	0.5376331	0.909456	-1.09956	0.0661451	0.730099	-1.3681	0.0573385	0.721329	-1.38672	0.419579	1.13361	1.13361		0.658905	1.07034	1.07034	0.719073	0.956446	0.654619	1.07087	1.07087	0.0722443	0.737073	-1.35672	1.88052	0.6886689	0.32553	1	
cg22300957	PHOX2B	0.193109	0.0803411	8.67566	8.67566	0.1883383	4.72232	4.72232	0.708698	1.51891	1.51891	0.941479	1.08521	1.08521	0.456913	0.4300664	-2.32524		0.909347	1.13526	1.13526	0.53152	0.493672	-2.02564	0.0210059	22.0253	22.0253	0.153353	5.48938	5.48938	1.88052	36.9454	17.4634	1	
cg25057035	HLA-DPB1	0.193113	0.793179	0.83726	-1.19437	0.5325553	1.51334	1.53314	0.0142473	0.129558	-7.71853	0.540793	0.658001	-1.51976	0.0601359	0.362828	-2.75613		0.83921	1.14721	1.14721	0.877711	0.900146	-1.1097	0.0561396	0.231715	-4.31565	0.4598863	0.601293	-1.66308	1.8805	13.6095	6.43102	1	
cg07565018	PKM2;PKM2;PKM2	0.193119	0.23805	0.644454	-2.24995	0.137955	2.445134	2.445134	0.0331003	1.90084	1.90084	0.220827	2.28197	2.28197	0.0793225	0.276609	-3.61861		0.582313	1.04565	1.04565	-1.4398	0.2213329	0.606372	0.711041	-1.40639	1.88047	2.82816	0.06072	1	
cg11651961	PSME4	0.19312	0.465197	0.929238	-1.07615	0.1119998	1.18635	1.18635	0.496002	1.07064	1.07064	0.121075	1.18056	1.18056	0.572445	1.05794	1.05794		0.631677	0.953429	-1.04885	0.0301696	0.777462	-1.28624	0.8039994	0.975745	-1.02486	0.5160116	1.06719	1.06719	1.88047	0.2903379	0.137261	1	
cg19726341	CAMTA1	0.193126	0.152705	0.243901	-4.10003	0.404444	0.455717	-2.19434	0.778597	1.29649	1.29649	0.390887	0.444906	-2.24767	0.0734818	0.15907	-6.28652		0.457563	0.498122	-2.00754	0.0216046	0.0787589	-12.6907	0.05161	0.129913	-7.69745	0.394052	0.448149	-2.2314	1.88044	25.2751	11.9476	1	
cg16584688	ZCCHC24	0.193128	0.0905245	0.451691	-2.2139	0.3664843	0.354915	-2.81757	0.0319407	0.342606	-2.9188	0.112914	0.479372	-2.08606	0.432593	0.71086	-1.40675		0.44368	0.73264	-1.40201	0.172057	0.538238	-1.85792	0.220363	0.577472	-1.73169	0.2025005	0.563622	-1.77424	1.88043	5.40818	2.55647	1	
cg08652499	MITF;MITF;MITF	0.193128	0.0757473	0.378934	-3.58616	0.2566337	0.461529	-2.14065	0.402856	0.575039	-1.73907	0.674562	0.760774	-1.31445	0.0103061	0.123763	-8.07997		0.504506	0.645479	-1.54924	0.129834	0.342559	-2.87969	0.0722955	0.195619	-2.5535	0.3388989	0.5288555	-1.89068	1.88043	12.4427	5.88172	1	
cg19316963	PDGFA;PDGFA	0.193136	0.659276	0.918637	-1.08857	0.0183296	0.578398	-1.72891	0.304533	0.65976	-1.51576	-1.22553	0.328928	1.21254	1.21254	0.518969	0.882455	-1.1332	0.196316	1.29863	1.29863	0.328997	1.2125	1.2125	0.636953	0.913085	-1.09519	0.551143	1.12225	1.12225	1.88039	1.08941	0.51498	1	
cg21496060	SMOC2;SMOC2	0.193139	0.836929	0.964088	-1.03725	0.37765	1.17426	1.17426	0.99987	0.999971	-1.00003	0.178334	0.775871	-1.28887	0.813843	1.04285	1.04285		0.910033	0.980339	-1.02006	0.0425543	0.153145	1.53145	0.0630725	0.687084	-1.45543	0.234167	0.801464	-1.24772	1.88038	0.937822	0.443326	1	
cg01362754	TSNARE1	0.193139	0.308999	0.629411	-1.61183	0.0408871	0.554715	-2.40527	0.0551049	0.443554	-2.25514	0.0206689	0.553718	-1.53718	0.543622	0.6100381	-1.0988	0.8337516	0.474401	-1.21792	0.1000113	0.2445	0.1783469	-5.61796	0.551706	1.35314	1.35314	1.88038	6.12223	2.80409	1	
cg22734014	LOC154449	0.193141	0.222943	0.411409	-2.43067	0.0174924	0.134544	-7.43251	0.0364845	0.185283	-5.39736	0.974274	0.977884	-1.02262	0.188784	0.380744	-2.62644		0.374121	0.531149	-1.88271	0.396147	0.547362	-1.82694	0.16618	0.359164	-2.78424	0.8203323	0.85404	-1.17091	1.88036	14.3242	6.77137	1	
cg03038053	KIAA1949;KIAA1949;KIAA1949	0.193143	0.379515	0.879804	-1.13634	0.5392315	1.09226	1.09226	0.794785	0.960367	-1.0377	0.0852876	0.763314	-1.31008	0.477926	0.9025549	-1.10797	0.9124597	0.0219636	0.676042	-1.47923	0.238097	0.839087	-1.19177	0.915457	0.729951	-1.36996	0.426351	0.891014	-1.12292	1.88036	0.609236	0.283746	1	
cg13357455	PCBD2	0.193144	0.971916	0.994619	-1.00541	0.0878044	0.554354	1.13554	0.0200689	0.53718	1.53718	0.54362	0.910081	-1.0988	0.833716	0.814215	-1.22875		0.614436	0.924894	-1.0812	0.7453865	0.95138	-1.05111	0.2957	1.18081	1.18081	0.107572	1.30911	1.30911	1.88035	0.609584	0.38071	1	
cg15580989	LASS3	0.193144	0.904824	1.06338	1.06338	0.0173318	2.443198	4.43198	0.100019	2.52404	2.52404	0.338142	1.66023	1.66023	0.69572	1.22375	1.22375		0.533593	0.723316	-1.38252	0.169345	2.12156	2.12156	0.839049	1.11013	1.11013	0.316486	0.587416	-1.70237	1.88035	7.85971	3.71548	1	
cg23559680	HMBOX1;INTS9;HMBOX1;INTS9;INTS9	0.193152	0.0663635	28.0761	28.0761	0.0861189	21.1964	21.1964	?	?	?	?	0.481373	3.50674	3.50674				0.255544	1.94006	1.94006	0.317767	0.895325	-1.16925	0.997818	1.01541	1.01541	0.61913	0.927857	-1.07775	1.8803	0.6648892	0.314319	1	
cg00764109	SYT6	0.193153	0.571705	0.149867	-1.49867	0.07944	3.96795	3.96795	0.480788	1.66087	1.66087	0.66473	0.734409	-1.36164	0.933435	0.942577	-1.06092		0.104095	0.51828	1.51828	0.0456618	0.197474	-5.16395	0.294356	2.15964	-2.15964	0.3609588	1.94407	1.8803	14.9243	7.05527	1	
cg11147094	NTRK3;NTRK3	0.193157	0.334996	0.745949	-1.34057	0.8879637	0.574011	-1.74213	0.98394	1.00595	1.00595	0.0549833	0.526505	-1.89932	0.278577	1.39392	1.39392		0.324196	1.06779	1.06779	0.289463	0.723155	-1.38283	0.217023	1.46653	1.46653	0.30141	1.37113	1.37113	1.88028	2.58792	1.22342	1	
cg09622420	DEK	0.193157	0.751123	0.888313	-1.12573	0.2045824	2.50113	2.50113	0.111229	1.8341	1.8341	0.657814	1.16803	1.16803	0.409108	0.772004	-1.29533		0.245872	0.659269	-1.51683	0.444126	0.76505	-1.3071	0.9516421	0.979387	-1.02105	0.2894966	0.685063	-1.45851	1.88028	3.50924	1.65897	1	
cg16215084	DDR1;DDR1 STAU2;STAU2;STAU2;STAU2;ST	0.193158	0.147279	1.9768	1.9768	0.498375	1.35148	1.35148	0.0298709	3.06444	3.06444	0.0844545	2.30799	2.30799	0.992532	1.00411	1.00411		0.85191	0.921368	-1.08534	0.518058	1.33263	1.33263	0.613727	1.24988	1.24988	0.0320798	1.00524	3.00524	1.88028	5.71875	2.7035	1	
cg01921335	AU2;STAU2	0.19316	0.855287	0.903355	-1.10698	0.6602803	0.353281	3.25331	0.345357	1.71786	1.71786	0.199642	1.22634	1.22634	0.492509	0.652046	-1.53363		0.72001	1.22188	1.22188	0.837901	0.892218	-1.1208	0.0159515	5.1701	5.1701	0.485015	1.48443	1.48443	1.88027	9.23023	4.36355	1	
cg01601439	HN1L	0.193162	0.288154	1.88824	1.88824	0.795433	0.860911	-1.16156	0.724552	1.22622	1.22622	0.447497	0.640022	-1.56245	0.700985	0.800594	-1.24907		0.0915541	2.91813	2.91813	0.0665268	0.3054332	-3.27405	0.0745501	3.14279	3.14279	0.343022	1.75609	1.75609	1.88026	9.89447	4.6776	1	
cg19375602	OPLAH2L;ODF2L	0.193162	0.405024	0.748524	-1.3356	0.3195649	1.80782	1.80782	0.112759	1.78877	1.78877	0.188537	1.74983	1.74983	0.0151685	0.572467	-1.74702		0.128113	1.74932	1.74932	0.0151498	0.1574997	-1.91237	0.0158377	0.47527	-2.10446	0.0788213	0.78126	-1.27996	1.88023	3.64185	1.6272	1	
cg25303336	LEMD2	0.193169	0.222318	0.868742	-1.15109	0.1554416	1.38545	0.31391	1.12105	1.12105	0.306898	0.800432	-1.13205	0.883832	0.984088	-1.01617			0.192281	1.16348	1.16348	0.553486	1.06797	1.06797	0.908052	0.987404	-1.01276	0.901279	1.03171	1.03171	1.88022	0.3584626	0.169448	1	
cg08097446	ASB18	0.193172	0.281323	0.665103	-1.50351	0.1242704	0.956236	1.1186	0.615459	1.09746	1.09746	0.155584	-1.01507	0.836099	0.881156	0.9155233	0.826643		0.182798	0.913239	1.88063	0.1536889	0.1895	-5.27515	0.0170376	0.866869	-1.15358	0.8822028	0.9885	-1.01785	1.88022	0.2756496	0.1246	1	
cg26537325	TNXB;TNXB	0.193171	0.269941	0.53625	-1.8648	0.325848	1.73178	1.73378	0.516347	1.42897	1.42897	0.449042	0.658047	-1.51965	0.0126596	0.186158	0.37179		0.625584	1.30573	1.30573	0.87009	1.09285	1.09285	0.517938	0.7007778	-1.42699	0.197032	0.477196	-2.09557	1.88021	8.76264	4.14263	1	
cg06794543	ZFP106	0.193171	0.196764	0.767177	-1.30348	0.0275732	0.451223	-2.2162	0.375118	0.755273	-1.32053	0.188308	1.53077	1.53077	0.782168	0.918829	-1.08834		0.139154	1.62521	1.62521	0.525192	0.820692	-1.21848	0.384554	1.32198	1.32198	0.18021	2.77791	1.31328	1		
cg04409319	LY9	0.193173	0.75344	0.888313	-1.12573	0.2045824	2.50236	-4.54053	0.0444614	0.218443	-4.57785	0.0782717	2.75152	-1.62477	0.0437996	0.5526505	-1.80932		0.124913	1.03426	-2.0918	0.7737174	0.8368425	-1.20942	0.177959	0.388925	-2.57119	0.115664	0.36298	-2.75407	1.8802	1.961	0.12749	1	
cg12163508	HSD17B7P2	0.193174	0.362364	0.486916	-2.05374	0.1020014	0.252646	-3.9581	0.154534	3.22651	3.22651	0.400137	0.515789	-1.93878	0.388555	0.506981	-1.97246		0.297252	0.435759	-2.29485	0.0206079	0.11725	-8.52877	0.3312311	0.462709	-2.16139	0.5287337	0.612274	-1.63325	1.8802	17.5954	8.31846	1	
cg09932758	B4GALNT1	0.193175	0.822581	0.91202	-1.09648	0.7634642	1.00267	1.0067	0.977521	1.03708	1.03708	0.875087	1.18092	1.18092	0.555041	1.17667	1.17667		0.318466	1.18772	1.18772	0.3082699	0.6058324	1.65067	0.0127844	0.647489	0.954271	-1.04753	0.786211	-1.27192	1.88019	0.306536	0.1423	1	
cg26494252	SLC1A6	0.193177	0.12747	0.486144	-2.057	0.514383	1.33831	1.33831	0.842015	1.06203	1.06203	0.626846	0.601373	-1.66286	0.0294514	0.324541	-3.08128		0.496525	0.792344	-1.35273	0.0279874	0.321055	-3.11473	0.401671	0.684855	-1.45591	0.698463	0.843361	-1.18578	1.88018	3.70283	1.69611	1	
cg22434761	FAM159A	0.193179	0.116712	2.82199	2.82199	0.082602	3.22254	3.22254	0.783236	1.18277	1.18277	0.409879	1.67028	1.67028	0.384121	0.5808896	-1.72148		0.224697	2.17333	2.17333	0.027358	0.498439	4.89839	0.15221	2.54355	2.54355	0.2553822	2.0586	2.0586	1.88017	11.0324	5.2158	1	
ch.18.31174R	CEP192	0.193179	?	?	?	?	2.56479	2.56479	0.315702	2.936283	1.39608	-1.39608	0.7167	1.39608	0.7167	1.39608	-1.33529		0.124583	1.7276	1.7276	0.731856	1.11974	1.11974	0.423544	1.30834	1.30834	0.650461	1.16182	1.16182	1.88017	0.2782511	0.12423	1	
cg14380576	SEC24B;SEC24B	0.193181	0.434284	0.742119	-1.34749	0.409078	0.729331	-1.37112	0.0187986	0.345027	-2.89832	0.283024	1.51739	1.51739	0.391619	0.720278	-1.38835		0.89076	0.949026	-1.05271	0.300441	1.4935	1.4935	0.0216166	0.610384	-1.63831	0.406163	1.37394	1.37394	1.88016	4.16143	1.96741	1	
cg26026906	CB1L	0.193183	0.0143153	0.318431	-3.13974	0.1864649	1.72157	1.72157	0.111229	1.8341	1.8341	0.657814	1.40103	1.40103	0.0883893	0.798139	-1.25291	0.2804481	0.509959	-1.96077	0.3044419	0.6477	0.1544373	-6.47813	0.0150221	0.0205228	1.88683	0.8288	0.2204508	1.88016	0.2861	0.05807	1	
cg00638514	OTOP3	0.193187	0.199152	0.558479	-1.79058	0.576237	0.784706	-1.27436	0.23281	0.584374	-1.71123	0.161573	0.52631	-1.90002	0.996168	1.00206	1.00206		0.623513	0.808609	-1.23669	0.484792	0.737249	-1.35639	0.343277	0.657562	-1.52077	0.021824	3.26019	3.26019	1.88014	5.49	2.59556	1	
cg16368890	RGS12;RGS12	0.193191	0.465985	0.797371	-1.25412	0.117364	0.595044	-1.68055	0.0172476	0.415219	-2.42413	0.331061	0.736319	-1.35811	0.040517	0.485768	-2.0586		0.233128	0.682787	-1.46459	0.14826	0.602931	-1.65916	0.0139042	0.744593	-1.3431	0.0902208	0.774591	-1.2911	1.88012	2.7738	1.31141	1	
cg02302165	RALGPS2	0.193191	0.8666	1.06994	1.06994	0.0902208	1.37583	1.37583	0.731792	1.03192	1.03192	0.12198	1.37957	1.37957	-1.2822	0.8405161	1.06995	1.06995	0.140129	0.955146	1.06995	0.48316	1.13694	1.13694	0.766037	1.00521	1.00521	0.919399	0.982058	0.011827	1.88011	0.0656503	0.045623	1	
cg03605661	MSH5;MSH5;MSH5;MSH5;MSH5;MSH5	0.193192	0.718733	1.13151	1.13151	0.186027	1.61444	1.61444	0.707634	1.13736	1.13736	0.221175	1.55168	1.55168	0.608104	0.83804	-1.19326		0.836656	0.931903	-1.07307	?	?	?	0.0181871	0.375459	-2.66341	0.545018	1.23277	1.23277	1.89075	3.10647	1.64298	1	
cg02839351	HDGF2;HDGF2	0.193194	0.135428	0.483401	-2.06868	0.547114	1.31682	1.31682	0.0191664	1.59758	1.59758	0.535276	1.3279	1.3279	0.836952	0.91112	-1.09755		0.356038	0.651278	-1.53544	0.519902	0.74479	-1.34266	0.711935	1.18239	1.18239	0.254959	0.584569	-1.71066	1.8801	6.07555	2.87245	1	
cg00489198	KCHF4;NCRNA00099	0.193196	0.8367	0.965361	-1.05205	0.0171629	0.465284	0.0422726	0.277	0.263978	0.331883	0.0422726	0.77212	0.16533	0.0422726	0.53513	-1.86933		0.845284	0.955013	-1.04711	0.643511	1.36875	1.36875	0.901976	0.18704	-2.18704	0.190496	2.55349	2.55349	1.88008	13.6613	6.45897	1	
cg18771300	RHOJ	0.193198	0.911448	1.07827	1.07827	0.1949069	0.247423	-6.76318	0.983798	1.08634	-1.01385	0.0860367	0.614225	-1.64525	0.395125	1.80381	1.80383		0.545824	0.955013	-1.04711	0.643511	1.36875	1.36875	0.901976	0.18704	-2.18704	0.190496	2.55349	2.55349	1.88008	13.6613	6.45897	1	
cg15572231	ARMC4	0.193198	0.116523	0.142564	-7.01438	0.456218	2.37917	2.37917	0.66189	0.604172	-1.65516	0.292644	0.287363	-3.47992	0.0526602	0.0807713	-12.3806		0.590802	0.53796	-1.85887	0.2115084	0.0426744	-23.4332	0.366437	0.340518	-2.88585	0.238636	0.244213	-4.09478	1.88008	38.847	18.3666	1	
cg26029551	KIAA1199	0.193199	0.160484	0.364844	-2.74126	0.2677036	0.442928	-2.2577	0.263973	0.339833	-2.94262	0.0778736	0.814284	-1.22857	0.0233883	0.2855112	-3.50053		0.357077	0.560185	1.78513	0.0205754	0.23462	-4.26221	0.0496496	0.773579	-1.29269	0.2867711	0.508217	-1.96767	1.88007	1.5726	0.7606	1	
cg24371534	ARHGEF16	0.1932	0.0787366	0.0929403	-10.7596	0.1243191	0.132059	-7.5724	0.066207	0.0814833	-12.2725	0.419953	0.366899	-2.72554	0.0224665	0.035907	-27.8498		0.144595	0.148558	-6.73138	0.234864	0.219786	-4.54988	0.227038	0.213684	-4.6798	0.262086	0.241003	-4.14933	1.88007	44.0885	20.8449	1	
cg04163119	PHKG1;PHKG1;TOMM6	0.193205	0.754598	0.93942	-1.06479	0.6647097	1.18662	1.18662	0.622219	1.121	1.121	0.954379	1.03125	1.03125	0.948949	0.985381	-1.01484		0.0884042	0.46136	-2.1675	0.884894	1.03282	1.03282	0.72799	0.96866	1.06866	0.14225	1.38486	1.38486	1.88004	1.57508	0.744702	1	
cg17981091	SEC61A1	0.193207	0.562233	0.54727	-1.54727	0.8866632	0.938153	-1.06592	0.672859	1.38646	-1.38646	0.641222	1.40313	1.40313	0.287005	0.164014	-3.66414		0.0239417	3.9301	-1.54331	0.369496	0.6422253	-1.55	0.4648373	1.41589	1.41589	0.1003803	0.56369	2.81967	1		
cg13216695	ZNF131	0.193209	0.0263025	0.640588	-1.56107	0.6510385	1.42878	1.42878	0.682737	1.07193	1.07193	0.549018	0.902595	-1.10792	0.40004	1.14585	1.14585		0.964674	0.992542	-1.00751	0.286189	1.20587	1.20587	0.760994	0.949743	-1.05292	0.471571	1.13176	1.13176	1.88002	0.8505952	0.402166	1	
cg21223368	IDH3A	0.193225	0.424412	0.887201	-1.12703	0.4999	1.65641	1.65641	0.106779	1.5546	1.5546	0.607934	1.75337	1.75337	0.0158617	0.1574404	-6.35496		0.152729	0.738564	-1.35403	0.815305	0.66628	-1.5017	0.1349	0.4425	-2.25989	0.1434581	0.689356	1.0302	1.0302	1.87994	0.639834	0.302531	1	
cg02641095	LSM11	0.193226	0.908984	0.976906	-1.02364	0.475691	1.15973	1.15973	0.00872845	1.97913	1.97913	0.561185	1.12754	1.12754	0.961534	0.990195	-1.0099		0.886172	1.0297	1.0297	0.178672	0.746833	-1.33899	0.887004	0.971369	-1.02947	0.307776	1.24072	1.24072	1.87994	1.24282	0.587641	1	
cg15740366	IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.193229	0.258254	1.36303	1.36303	0.50821	0.8384437	1.1827	0.307721	1.31942	1.31942	0.33676	0.788108	-1.26886	0.0283795	1.07249	1.07249		0.279335	0.744327	-1.3435	0.641425	0.884148	-1.13103	0.758379	1.09199	1.09199	0.160623	0.674719	-1.4821	1.87992	2.5245	0.9703	1	
cg11199770	TSHZ3	0.193229	0.27183	2.22677	2.22677	0.049257	0.187339	-5.33791	0.341553	0.505998	-1.97629	0.454466	0.591217	-1.69143	0.0553216	0.199281	5.01804		0.468303	1.66304	1.66304	?	?	?	0.909313	1.08077	1.08077	0.764805	1.22736	1.22736	2.25205	13.5142	3.75052	1	
cg14129786	MGMT	0.193229	0.0793243	0.251431	-3.97723	0.520986	0.630577	-1.58585	0.471899	0.595316	-1.67978	0.860124	0.882481	-1.13317	0.0002207	0.136801	-7.30991		0.312375	0.476773	-2.09743	0.0421416	0.190243	-5.25642	0.704658	1.3098	1.3098	0.468171	0.592628	-1.6874	1.87992	14.9579	7.07258	1	
cg14121845	NINL	0.193232	0.155812	0.4239	-2.35915	0.1997276	0.440928	-2.2677	0.0423977	0.449097	-2.16892	0.1298	0.319833	-3.12653	0.0414734	0.0708483	-14.1297		0.774384	1.1178	1.1178	0.497853	0.7297	-1.37034	0.0207757	0.504282	-1.98302	0.247476	-4.03953	1.87992	4.46665	2.1194	1		
cg14760797	NIN2	0.193232	0.962043	1.01713	1.01713	0.705484	0.873265	-1.14513	0.0932403	0.51735	-1.93293	0.520909	0.79275	-1.26143	0.863263	1.06346	1.06346		0.987267	0.99432	-1.00571	0.0801716	1.99939	1.99939	0.0533401	2.18893	2.18893	0.214068	0.6269338	-1.59505	1.87991	3.79295	1.79345	1	
cg19237373	PWWN1	0.193243	0.0347933	0.141315	-7.07639	0.0647097	1.18562	1.18562	0.622219	1.121	1.121	0.954379	1.03125	1.03125	0.948949	0.985381	-1.01484		0.292152	0.491281	1.55426	0.0697589	0.2242134	-4.46233	0.0467744	0.210787	-4.74407	0.1132958	0.2274776	-4.39353	1.87989	18.8321	8.70402	1	
cg22609196	MCM4;MCM4;PRKDC;PRKDC	0.193253	0.937576	0.990772	-1.00931	0.6618571	0.05347	1.05347	0.296815	1.13658	1.13658	0.875208	0.981571	-1.01877	0.0464713	1.30985	1.30985		0.165851	1.19113	1.19113	0.0790044	0.7938474	-1.25965	0.542569	0.70514	1.07514	0.21904	0.85814	-1.16531	1.8799	0.4170063	0.197203	1	
cg08060190	C3	0.193234	0.032627	0.0719117	-13.9059	0.573985	0.549906	-1.81849	0.17932	0.222765	-4.48904	0.694682	0.660153	-1.5148	0.0251046	0.0605195	-16.5236		0.328043	0.34548	-2.89453	0.591545	1.76871	1.76871	0.741205	1.41751	1.41751	0.784983	1.13363	1.13363	1.8799	32.9971	15.6023	1	
cg25029147	KBTBD11	0.193234	0.457606	0.809225	-1.64144	0.5144321	1.14211	1.14211	0.523744	1.10546	1.10546	0.607934	1.75337	1.75337	0.0158617	0.1574404	-6.35496		0.164258	0.71281	-1.40303	0.690977	0.7936772	-1.25995	0.816927	1.16407	1.16407	0.210747	0.421492	-2.37252	1.8799	0.6438824	0.302531	1	
cg21477508	FGF5;FGF5	0.193242	0.636657	0.885413	-1.12942	0.0107492	2.26994	2.26994	0.189921	1.42631	1.42631	0.888801	0.964869	-1.03641	0.671184	1.11541	1.11541		0.109196	1.56322	1.56322	0.591752	1.14851	1.14851	0.608559	0.876241	-1.14124	0.362733	1.27031	1.27031	1.87986	1.94763	0.920937	1	
cg09948336	NRXN2;NRXN2;NRXN2	0.193247	0.0198349	0.267611	-3.73623	0.1949	0.0859	1.16916

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Chr17)	Fold-Change(1217 vs. Chr17)	p-value(1347 vs. N)	p-value(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg19774402	ACOT9;ACOT9	0.193385	0.11159	2.77976	0.740529	1.031963	-1.2166	0.8648155	0.2842111	-3.38882	0.6544444	0.7665097	-1.330361	0.581422	-2.62137	0.139679	2.55399	2.55399	0.681706	0.784043	-1.27544	0.674185	0.652104	-1.5335	0.2446761	0.487798	-2.05083	1.87914	10.3586	4.89993	1
cg06957790	KIAA0907	0.193385	0.09427398	0.390928	-2.55802	0.115632	2.39478	2.39478	0.6975738	1.22066	1.22066	0.666176	0.801226	-1.24809	0.0739434	0.361694	-2.76477	0.172344	0.476315	-2.09945	0.123652	0.642679	-2.34307	0.361476	0.619421	-1.61441	0.425454	0.659967	-1.51523	1.87914	7.75918	3.67033	1
ch.8.669769F	CLU;CLU;CLU	0.193387	0.034457	0.140772	-7.10367	?	?	?	0.388296	2.01953	2.01953	?	?	?	?	0.361673	0.474567	-2.10718	0.287229	0.415447	-2.40705	?	?	?	0.443415	0.535793	-1.86639	1.937395	10.7748	8.89583	1
cg10724940	TUBGCP6	0.193388	0.861125	0.917586	-1.09005	0.0506266	2.994661	2.994661	0.01169002	4.71841	4.71841	0.980356	0.987949	-1.0122	0.930616	1.04382	1.04382	0.616093	1.28766	1.28766	0.58131	1.31559	1.31559	0.778997	1.14859	1.14859	0.4432	0.680458	-1.4696	1.87912	7.2168	3.41379	1
cg23141629	GTF2F2	0.193389	0.111262	0.374909	-2.66732	0.2123883	0.171951	-5.8156	0.190993	0.457023	-2.18807	0.860815	0.905516	-1.10434	0.0804638	0.334044	-2.99362	0.553191	0.712314	-1.40388	0.747343	0.832941	-1.20056	0.180054	0.447027	-2.237	0.792473	0.861468	-1.16081	1.87912	9.51809	4.50239	1
cg09872928	DPCR1	0.193392	0.0502722	4.0167	0.4167	0.0341776	4.664	4.664	0.13141	2.75855	2.75855	0.309495	1.92566	1.72136	1.2395	1.92566	1.72136	1.2395	0.629498	1.35374	1.35374	0.202753	2.3113	2.3113	0.0538325	3.912033	0.161051	2.54159	2.54159	1.8701	11.553	5.46501	1
cg25843346	VAR5	0.193396	0.07605	0.57134	-1.75027	0.320598	0.747519	-1.33776	0.684138	1.12297	1.12297	0.826993	0.939821	-1.06403	0.146066	0.642448	-1.55655	0.528721	0.834461	-1.19838	0.0496367	0.529915	-1.88709	0.0316727	0.480561	-2.04264	0.855137	1.05319	1.05319	1.87908	2.39277	1.13189	1
cg20655174	GTF2I2	0.193404	0.108208	0.264588	-3.77946	0.2984861	0.247513	-4.10656	0.6645588	0.9037466	-1.42097	0.880947	1.20175	1.20175	0.0621007	0.201199	-4.97129	0.437903	0.548623	-1.82275	0.0195958	0.134602	-7.42825	0.0172111	0.659763	-1.5157	0.140952	0.930254	-1.51052	1.87904	17.1009	8.10355	1
cg26812486	LMF1	0.193407	0.113551	2.07644	2.07644	0.7000098	2.36225	2.36225	0.326016	1.53774	1.53774	0.8883584	1.22077	1.22077	0.422815	1.4154	1.4154	0.0930691	2.19023	2.19023	0.049534	2.58774	0.3635524	2.42343	2.42343	0.684173	1.18951	1.18951	1.87903	3.3586	2.53492	1
cg07391690	ATP6V0E2;ATP6V0E2	0.193408	0.720687	0.716175	-1.39631	0.124818	4.68791	4.68791	0.0713687	6.5045	6.5045	0.883157	1.14653	1.14653	0.0970366	0.183871	-5.43859	0.445208	0.484987	-2.06191	0.199062	0.283151	-3.53169	0.762351	1.32578	1.32578	0.229195	0.309351	-3.23258	1.87902	25.7298	12.1717	1
cg12488585	EPAD	0.193409	0.229775	0.61915	-1.61515	0.1648315	1.09939	1.09939	0.2962752	2.95924	2.95924	0.0479648	0.3662097	3.54514	-2.73107	0.272045	-3.67581	0.272045	0.140866	1.60386	1.60386	0.272181	1.60363	1.60363	0.250433	1.624253	0.0313496	1.94407	-1.03057	1.87902	27.5454	13.0092	2.404558	1
cg05593479	TIGD1;TIGD1;EIF4E2	0.19341	0.392861	1.22961	2.236679	0.74621	-1.3401	0.211228	1.36479	-1.36479	0.151361	1.43763	1.43763	0.388324	1.23186	1.23186	1.23186	0.181421	0.715354	-1.39791	0.287227	0.770367	-1.29808	0.0627436	1.63956	0.932058	0.02034	1.02034	1.87901	1.6591	0.784854	1
cg13228923	TRIM41;TRIM41	0.193411	0.0248424	1.06763	1.06763	0.0738676	1.37246	1.37246	0.522187	1.09657	1.09657	0.616318	1.08433	1.08433	1.48196	1.28129	1.28129	0.332228	1.17387	1.17387	0.0439925	0.690103	-1.44906	0.0145025	0.846341	-1.18156	0.8696	0.961456	-1.04009	1.87901	0.764253	0.36154	1
cg09865658	PVRL1;PVRL1;PVRL1	0.193415	0.993517	0.996218	-1.00304	0.0182599	0.2626851	0.2626851	0.364443	0.633993	0.7995556	-1.25069	0.2375131	1.78085	1.78085	0.6054353	1.27511	1.27511	0.63527	1.24963	1.24963	0.4183362	0.679993	-1.4706	0.4427161	0.68515	-1.45953	0.1373	2.3094	2.1094	1.87899	6.47286	3.06211	1
cg25963429	CKS3L1	0.193418	0.43697	1.43414	1.43414	0.57383	1.29486	1.29486	0.0209903	3.22015	3.22015	0.250357	1.72666	1.72666	0.406468	0.679668	-1.47131	0.259869	0.586009	-1.70646	0.777776	0.879278	-1.1373	0.634129	0.206407	1.83306	0.183306	1.87898	6.15286	2.91074	1
cg10330468	SOX2OT	0.193423	0.7753377	1.88179	1.88179	0.5050629	2.280846	-1.56068	0.04799362	2.607187	2.607187	0.45154	2.468579	2.027727	0.477468	-2.03438	0.354159	0.573181	1.74465	0.30169	0.535405	-1.86774	0.242455	0.204258	2.004258	0.808815	1.15203	1.15203	1.87895	10.1437	4.78878	1
cg24331301	CDH23;CDH23	0.193424	0.0874231	0.299655	-3.33717	0.297954	0.50203	-1.99191	0.937807	1.0511	1.0511	0.580235	0.699934	-1.42873	0.132472	0.354571	-2.82031	0.568429	0.69199	-1.44511	0.00889023	0.119277	-8.38383	0.314069	0.529247	-1.88948	0.412373	0.585505	-1.70793	1.87894	12.1186	5.74251	1
cg06980938	PLEKHG1 C17orf80,FAM104A,C17orf80,C17orf80	0.193425	0.799196	1.04272	1.04272	0.746095	0.946957	-1.05601	0.871822	0.973849	-1.02685	0.188008	0.795373	-1.25727	0.0422093	0.681093	-1.46823	0.147763	1.29028	1.29028	0.0665067	0.713411	-1.40172	0.202195	0.807133	-1.2473	0.425291	0.874928	-1.14295	1.87894	0.801449	0.37915	1
cg00166603	FAM104A	0.193426	0.426046	2.29047	2.29047	0.752834	0.727316	-1.37492	?	?	?	0.554616	0.545736	-1.83239	0.362386	0.383382	-2.60836	?	?	?	?	0.0206596	0.0411086	-24.3258	0.894017	0.875502	-1.1422	2.26794	22.2293	8.16797	1
cg13753373	CACNB2;CACNB2	0.193427	0.96887	1.03992	1.03992	0.308205	0.454232	-2.20152	0.120498	0.283644	-3.52555	0.803957	1.20453	1.20453	0.0069457	0.0733007	-13.6424	0.964441	1.03992	1.03992	0.801316	0.828067	-1.20763	0.962753	0.965663	-1.03556	0.376211	0.506892	-1.97281	1.8789	16.6589	7.88114	1
cg12259792	STAT5A	0.193433	0.150018	0.654655	-1.52752	0.247134	1.39406	1.39406	0.913259	0.970528	-1.03037	0.931763	0.976563	-1.02379	0.120353	0.632134	-1.58194	0.403287	0.79073	-1.26465	0.266026	0.727474	-1.37462	0.0384415	1.93175	0.843545	0.947198	-1.05575	1.8789	2.24276	1.06103	1
cg23134596	ZC3H13	0.193436	0.2651376	1.13	1.13	0.5486077	1.13493	1.13493	0.1648	1.13648	1.13648	0.1182255	0.8365112	1.19543	-1.19543	0.8365112	1.19543	0.137227	1.10975	1.10975	0.1647656	0.907599	-1.10161	0.0778597	0.942263	-1.06127	0.6481563	1.22569	1.22569	1.87898	0.539638	0.16154	1
cg01589157	ZNF605;ZNF605	0.193437	0.0878626	1.5119	1.5119	0.920799	0.978413	-1.02206	0.630959	0.899237	-1.11205	0.362257	1.22813	1.22813	0.0894195	1.50825	1.50825	0.954741	1.01253	1.01253	0.0262005	1.78382	1.78382	0.856047	0.960936	-1.04065	0.353349	0.810947	-1.23313	1.87888	4.13248	0.677889	1
cg20653859	DIP2C	0.193438	0.187902	1.56117	1.56117	0.68966	1.13682	1.13682	0.877275	1.05061	1.05061	0.0725637	1.8966	1.8966	0.527204	0.814915	-1.22712	0.212031	1.52195	1.52195	0.0257626	2.33031	0.235979	1.487	1.487	0.092241	1.80773	1.80773	1.87887	3.03728	1.43692	1
cg20636526	C6orf10	0.193444	0.1102387	0.3219302	0.67046	0.2220045	0.923526	1.2021	0.844832	1.15787	1.15787	0.844832	1.15787	1.15787	0.844832	1.15787	1.15787	0.844832	0.353139	0.533181	0.108611	0.270033	-3.70325	0.290487	0.440145	-2.27308	0.183601	0.348059	-2.87308	0.183586	16.6525	7.87831	1
cg22299101	C4orf43	0.193446	0.7931159	0.93862	-1.06539	0.214624	0.729856	-1.37013	0.39538	0.810733	-1.23345	0.462535	1.19754	1.19754	0.482207	0.841831	-1.18789	0.22779	1.35686	1.35686	0.747622	0.925128	-1.08093	0.593377	0.695942	-1.4369	0.0161302	0.491836	-2.0332	1.87883	1.72901	0.818005	1
cg16979681	FBXO11	0.193451	0.233557	1.85493	1.85493	0.0903757	1.9331	1.9331	0.762564	1.14135	1.14135	0.0267287	2.39796	2.39796	0.177558	1.10521	1.10521	0.0267287	0.882217	1.05376	1.05376	0.392062	1.34674	1.34674	0.0538455	2.52845	0.145573	2.94118	2.94118	1.87881	3.71944	1.75541	1
cg01535298	MSH6	0.193451	0.522782	0.697699	-1.43328	0.2012	2.11742	2.11742	0.0111439	5.86062	5.86062	0.743614	0.833266	-1.2001	0.397318	1.61879	-1.61879	0.712028	1.22883	1.22883	0.119269	2.55891	0.351936	1.12537	1.12537	0.237983	1.98769	1.98769	1.87881	2.19098	4.34838	1	
cg20745652	CCT2 TP63;TP63;TP63;TP63;MIR944;TP63;TP	0.193452	0.00676369	0.370594	-2.69837	0.355827	0.764477	-1.30808	0.407822	0.787092	-1.2705	0.435651	0.7986	-1.25219	0.771256	0.920874	-1.08592	0.109745	0.610787	-1.63723	0.75874	0.916575	-1.09102	0.633769	1.14536	1.14536	0.684261	0.890825	-1.12256	1.8788	2.37918	1.12563	1
cg09085792	63	0.193454	0.812672	1.12702	0.881902	0.927858	-1.07775	0.664789	0.802846	-1.24557	0.673898	0.808012	-1.23761	0.210357	0.514355	-1.94418	0.669169	1.24173	1.24173	0.00754692	0.950992	-1.05153	0.128798	0.437440	-2.28598	1.87879	7.54914	3.57163	1	
cg07689020	PLEKHB1;PLEKHB1	0.193457	0.2806298	1.07062	1.07062	0.7586187	1.07597	-1.0995	0.66102	0.9006586	-1.18952	0.663853	1.07798	1.07798	0.6833884	0.9313	-1.07384	0.1880094	1.09094	1.09094	0.0153784	1.4552	1.4552	0.148743	0.543841	-1.83877	0.18778	0.426269	2.17763	1.87878	3.3586	1.59674	1
cg16897579	RAD54L2	0.193458	0.284068	0.673134	-1.48559	0.0114719	0.324675	-3.08	0.420004	0.745992	-1.3405	0.368887	0.720188	-1.38853	0.997338	0.998814	1.00119	0.928223	0.968463	-1.03256	0.179619	1.6602	1.6602	0.812946	1.08797	1.08797	0.307905	0.687028	-1.45555	1.87877	3.76415	1.78091	1
cg14526044	ZFY;ZFY;ZFY	0.19346	0.830265	0.867065	-1.15332	0.306889	2.02677	2.02677	0.82431	1.15922	1.15922	0.11254	0.312582	-3.19916	0.1981557	0.402029	-2.48738	0.0931156	0.345457	0.347457	0.197181	2.49298	0.108196	3.25472	0.630431	0.7244	-1.38045	1.96057	13.4148	5.3218	1
cg27206588	LDLRAD3	0.193464	0.0498623	0.3931202	0.67046	0.2220045	0.923526	1.2021	0.844832	1.15787	1.15787	0.844832	1.15787	1.15787	0.844832	1.15787	1.15787	0.844832	0.353139	0.533181	0.108611	0.270033	-3.70325	0.290487	0.440145	-2.27308	0.183601	0.348059	-2.87308	0.183586	16.6525	7.87831	1
cg27336554	CTXN3	0.193466	0.845665	0.930494	-1.0747	0.432763	0.743836	-1.34438	0.0568507	0.450799	-2.21829	0.975867	0.98888	-1.01124	0.365612	1.41004	1.41004	0.818892	0.918714	-1.08848	0.0175011	0.343342	-2.91255	0.930414	1.03281	1.03281	0.161294	0.575218	-1.73847	1.87873	4.06596	1.92374	1
cg12400807	TCEA3	0.193468	0.586886	1.10623	1.10623	0.00849906	1.85533	1.85533	0.244075	1.25139	1.25139	0.190187	0.81061	1.37971	1.37971	0.186853	1.29364	1.29364	0.409791	1.16779	1.25139	0.107161	1.45345	1.30751	1.30751	0.272677	1.23378	1.23378	0.7695751	1.05554	1.05554	1.87872	1.00148	0.476674	1
cg22041640	PCDHGA4;PCDHGA;PCDHGA1,PCDHGA5,PCDHGB1;PCDHGA3;PCDHGA2;PCD HGB4;PCDHGA7;PCDHGB2;PCDHGB4	0.193469	0.0287719	10.3542	10.3542	0.305205	2.61645	2.61645	0.209012	3.31893	3.31893	0.15527	3.9657	3.9657	0.2145502	3.26677	3.26677	0.509293	1.83392	1.83392	0.118189	4.64948	0.6249052	0.1009205	10.1249	10.1249	0.0891252	3.52588	3.52588	1.87872	24.4179	11.553	1
cg06626987	TUBA1A	0.193469	0.2802801	1.07062	1.07062	0.7586187	1.07597	-1.0995	0.66102	0.9006586	-1.18952	0.663853	1.07798	1.07798	0.6833884	0.9313	-1.07384	0.1880094	1.09094	1.09094	0.0153784	1.4552	1.4552	0.148743	0.543841	-1.83877	0.18778	0.426269	2.17763	1.87878	3.3586	1.59674	1
cg19866433	FHAD1	0.19347	0.157499	0.767588	-1.30278	0.841999	0.965678	-1.03554	0.564364	0.903062	-1.10734	0.111807	0.738575	-1.35396	0.0844805	0.71609	-1.39647	0.0838988	0.715548	-1.39753	0.0182381	0.605635	-1.65116	0.31079	0.83234	-1.20143	0.28956	0.825006	-1.21211	1.87871	0.911141	0.431095	1
cg10702170	ZNF587	0.19476	0.470331	0.66325	-1.50773	0.0730114	0.323808	-3.08825	0.337286	0.575181	-1.73858	0.731575	1.20684	1.20684	0.231704	0.495945	-2.01635	0.723701	0.820008	-1.2195	0.384463	1.64631	0.6043108	0.330437	3.9877	3.9877	0.773732	1.17487	1.17487	1.87868	9.29997	4.40024	1
cg09784977	AP3B2	0.19479	0.42596	1.3551	1.3551	0.2184457	0.685251	-1.45911	0.0311414	3.49136	3.49136	0.130116	0.509743	-1.96203	0.0313452	0.7447	-1.34255	0.553101	1.55018	1.55018	0.0139062	2.53964	0.393554	2.70551	1.13351	1.13351	0.149228	1.66616	1.66616	1.87867	2.34209	1.03399	1
cg18212039	EXTL1	0.19479	0.0493025	0.333999	-2.99402	0.0449937	0.324858	-3.07827	0.0969162	0.450442	-2.4364	0.708543	0.832331	-1.20144	0.0758563	0.3875	-2.6264	0.155515	0.475796	-2.10174	0.140874	0.461126	-2.1686	0.556259	0.947621	-1.13758	0.170964	0.490418	-2.03908	1.87867	7.10706	3.3627	1
cg12230296	LOC138799;SETD1B	0.19479	0.8258284	0.947019	-1.05509	0.0726021	1.1852	-1.00852	0.91472	1.4072	1.4072	0.85523	0.958891	-1.04314	0.7307048	0.9635	-1.03771	0.345558	1.12516	1.12516	0.4615184	0.6115	-1.63551	0.177157	0.42521	-2.35121	0.0636644	1.67361	1.67361	1.67865	0.858889	0.51329	1
cg03235494	PNKP	0.19483	0.681473	1.16426	1.16426	0.933201	0.96958	-1.03137	0.214247	0.617634	-1.61908	0.618618	0.831154	-1.20315	0.134843	0.552085	-1.81132	0.02482	1.37647	-2.67632	0.875007	0.94364	-1.05973	0.143031	1.78613	1.78613	0.43928	1.33735	1.33735	1.87865	4.04054	1.9118	1
cg19375234	LRFN1	0.19487	0.995957	1.00418	1.00418	0.0827261	4.86164	4.86164	0.0951967	4.20741	4.20741	0.957906	1.0444	1.0444	0.9915533	0.520459	-1.92152	0.95804	1.04425	1.04425	0.6545119	0.607512	-1.64613	0.0459073	0.993168	1.00686	1.00686	0.9430313	0.447553	-2.23437	1.87863	20.1557	9.53496	1
cg08171195	GBA;GBA;GBA;GBA	0.19487	0.329791	1.31721	-1.23195	0.67906	0.917322	-1.09013	0.0103994	0.95278	1.95278	0.329238	0.829358	-1.20575	0.8043389	1.05282	1.05282	0.798572	0.948341	-1.05447	0.915762	0.8219	1.02219	1.02219	0.609904	1.11263	1.11263	0.187182	1.13638	1.13638	1.87862	1.28003	0.605659	1
cg25260426	LHPP;LHPP	0.19489	0.405757	1.45328	1.45328	0.0160375	3.62512	3.62512	0.496273	1.35473	1.35473	0.790456	1.12417	1.12417	0.592206	0.788491	-1.2682	0.317182	0.643081	-1.5753	0.0548596	2.60384	2.60384	0.649411	1.22623	1.22623	0.815647	1.1081	1.1081	1.87862	5.74702	2.71927	1
cg05321109	IQCH	0.19491	0.0165285	0.2099154	-4.77136	0.0364487	0.332073	-3.01139	0.0885414	0.382032	-2.6935	0.221586	0.766816	-1.30409	0.2902054	0.3844	-2.60188	0.21447	0.2809164	-3.56048	0.0776106	0.455128	-2.2147	0.0792435	0.782435	-1.27806	0.173629	0.461846	-2.16522	0.178067	4.72527	2.00881	1
cg23687466	RNH1;RNH1	0.193492	0.121665	0.259327	-3.90737	0.49434	0.569102	-1.75715	0.237231	2.73397	2.73397	0.229243	2.78648	2.78648	0.24909	0.375879	-2.66043	0.471073	1.81305	1.81305	0.132737	0.267784	-3.73435	0.667799	1.42004	1.42004	0.08132114	0.208161	-4.80397	1.8786	19.6288	9.28767	1
ch.16.1562336F	PDPR	0.193493	0.246299	1.29665	1.29665	0.108707	1.45478	1.45478	0.905544	0.974887	-1.02576	0.0354242	0.591695	-1.69006	0.182996	0.738787	-1.35357	0.742688	0.931848	-1.07314	0.498383	1.55866	0.1586206	0.266205	0.780187	-1.28174	0.952148	1.02194	1.02194	1.8786	1.36587	0.646284	1
cg03490460	RASA3	0.193495	0.239817	1.39152	1.39152	0.027309	0.496072	-2.01584	0.204599	0.698142	-1.43237	0.213682	0.703643	-1.42118	0.923765	1.02603	1.02603	0.605273	0.869398	-1.15022	0.332884	1.30745	1.30745	0.518446	0.838442	-1.19212	0.137548	0.650964	-1.53618	1.87858	2.14394	1.01445	1
cg09502531	ALS2CR4;ALS2CR4	0.193497	0.3013624	1.34381	1.34381	0.2437	1.10541	1.10541	0.730748	1.42705	1.42705	0.164497	0.772316	-1.29503	0.0308442	0.474774	-2.10647	0.218813	0.699821	-1.42894	0.185927	0.927616	-1.07803	0.0468056	0.533965	-1.87419	0.0977673	1.65097	1.65097	1.87857	2.2663	1.07235	1
cg16077125	RPS6KA2;RPS6KA2	0.193497	0.993586	1.00366	1.00366	0.20446	1.83903	1.83903	0.734952	1.16719	1.16719	0.252982	1.78331	1.78331	0.161047	0.506065	1.97603	0.082495	2.93988	2.93988	0.086177	2.3693	2.3693	0.0615627	2.60673	2.60673	0.740447	1.16329	1.16329	1.87857	6.15881	2.91418	1
cg11468713	DAGLA	0.193501	0.373395	1.62033	1.62033	0.0177561	2.07883	2.07883	0.0382158	2.60112	2.60112	0.466906	0.979581	1.02114	0.965577	0.92512	-1.08064	0.152544	1.53684	1.53684	0.0154317	2.90924	0.343616	2.91153	1.57099	1.57099	0.0090629	1.10372	1.10372	1.87852	0.81922	0.34549	1
cg20592656	TNRC18	0.193505	0.6799222	0.895942	-1.11614	0.0224366	0.0634	0.0634	0.5151	1.49629	1.49629	0.706493	0.904658	-1.10539	0.858087	0.9537	1.04855	0.235742	1.38973	1.38973	0.0504476	1.80492	1.80492	0.545413	1.17595	1.17595	0.793617	0.932913	1.07191	1.87853	2.08713	0.987595	1
cg11237734	BDNFOS;LIN7C	0.193508	0.312988	0.702112	-1.42427	0.6916611	0.99186	0.99186	0.33487	0.713892	-1.40077	0.645947	1.16971	1.16971	0.912711	0.963522	-1.03786	0.936967	1.02717	1.02717	0.316947	0.403041	-2.48289	0.580739	0.827751	-1.20809	0.136679	0.580807	-1.72174	1.87852	3.41662	1.6167	1
cg21834222	FBS1	0.193509	0.807452	1.03409	1.03409	0.709734	0.596313	-1.67692	0.0822139	0.929507	-1.07564	0.222989	0.515506	-1.94074	0.0533504	0.416536	-2.40056	0.381045	1.40476	1.40476	0.0227414	2.19414	0.455976	2.4422	0.602744	1.65911	0.0479754	1.75212	-1.25759	0.46583	0.8349459	1.87852	0.835469	1
cg21875532	C6orf132	0.193513	0.5560862	0.530035	-1.88667	0.135598	0.556633	0.556633	0.0545391	10.2319	10.2319	0.105267	6.60013	6.60013	0.506585	0.487491	-2.05132	0.149771	0.518864	0.58864	0.78455	1.33936	1.33936	0.192505	4.35214	4.35214	0.0890596	7.38485	7.38485	1.87849	33.8212	16.0039	1
cg07724905	LOC341056	0.193517	0.3932207	1.44084	1.44084	0.2274	1.83106	1.83106	0.0552222	2.83576	2.83576	0.274942	0.219836	1.7118	1.7118	0.179408	0.855319	1.6944	0.424127	1.16542	1.16542	0.404729	0.426931	1.42495	1.42495	0.0313444	0.712134	1.71334	1.71334	1.87849	3.67472	1.64381	1
cg10965432	AKTIP;AKTIP	0.19352	0.475386	1.11825	1.11825	0.73791	0.80743	-1.14877	0.530177	0.906725	-1.10287	0.252093	0.831751	-1.20228	0.0707783	0.36593	-2.73193	0.247705	1.41715	1.41715	0.803536	1.03913	1.03913	0.118746	1.29791	1.29791	0.892164	1.02111	1.02111	1.87846	0.7053302	0.333792	1
cg07546943	AGAP1;AGAP1	0.193525	0.58518	0.756827	-1.32131	0.0708013	2.77452	2.77452	0.877691	1.08096	1.08096	0.967476	1.02082	1.02082	0.541733	1.36648	1.36648	0.283786	1.75575	1.75575	0.601426	0.766123	-1.30527	0.0120406	0.46935	0.46935	0.372264	1.58892	1.58892	1.87844	7.6019	3.59727	1
cg08142263	DDA1	0.193525	0.0453864	0.695137	-1.4385	0.0420921	1.48272	1.48272	0.277156	1.16535	1.16535	0.0176675	1.98107	1.98107	0.187606	0.840154	-1.19006	0.560349	1.10966	1.10966	0.172537	1.10541	1.10541	0.594015	1.08796	1.08796	0.432661	1.13369	1.13369	1.87844	0.785541	0.345697	1
cg09257735	ITPK1;ITPK1;ITPK1	0.193531	0.480279	0.739038	-1.35311	0.436134	1.39771	1.39771	0.0323534	0.347831	-2.87496	0.481903	1.34963	1.34963	0.0348232	0.354615	-2.81996	0.462659	1.3704	1.3704	0.855508	1.07985	1.07985	0.7192	1.16435	1.16435	0.904351	1.05197	1.05197	1.8784	5.28436	2.50064	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T vs. N)	F(Error
cg05434456	MXD4	0.193697	0.804285	1.33732	1.13732	1.0823308	2.71124	2.71124	0.0252942	1.96828	0.324819	1.69375	1.69375	0.3258	0.591077	1.69183	0.272875	0.553537	-1.80656	0.877863	0.923392	-1.08296	0.751561	1.1799	1.1799	0.483349	0.691299	1.44655	1.87757	7.98703	3.78126	1
cg27296341	IPCEF1;OPRM1;IPCEF1;IPCEF1	0.1937	0.143408	0.2331	-4.29001	0.578864	0.594942	-1.68084	0.849208	1.19279	1.19279	0.309603	0.377626	-2.64812	0.0616508	0.142335	-7.02569	0.193962	0.280023	3.57114	0.0275862	0.0895527	-11.1666	0.0882006	0.175083	-5.71159	0.147876	0.237425	-4.21185	4.78756	25.5088	12.0766	1
cg14850412	C1orf106	0.193708	0.118444	0.727275	-1.37499	0.172303	1.3138	1.3138	0.0337761	1.59315	1.59315	0.442307	0.863138	-1.15856	0.742108	0.939847	-1.064	0.474785	1.14632	1.14632	0.215084	1.27783	1.27783	0.556345	0.894238	-1.11827	0.521187	1.12994	1.12994	1.87752	1.04956	0.496902	1
cg25288374	ABCA1	0.193725	0.174018	0.813167	-1.23211	0.453867	1.11647	1.11647	0.197779	1.21711	1.21711	0.398021	0.882591	-1.13303	0.374441	1.140621	1.14063	0.883169	0.758165	-1.31897	0.225433	0.832149	-1.20171	0.129352	1.26583	1.26583	0.588155	0.924241	-1.08211	1.87748	0.619408	0.293257	1
cg19192590	PDE1A;PDE11A;PDE11A;PDE1A	0.19372	0.10805	0.369193	-2.70861	0.329418	1.7718	1.7718	0.357315	0.583922	-1.71256	0.635254	0.762195	-1.312	0.0167644	0.215898	-3.96986	0.337623	0.597818	-1.67275	0.121545	0.385234	-2.59583	0.320069	1.79301	1.79301	0.237644	0.495091	-2.01983	1.38746	9.60304	4.54659	1
cg09357438	SPINK2	0.19372	0.684647	0.802191	-1.24569	0.616854	0.761634	-1.31297	0.308006	1.76754	1.76754	0.860895	1.09931	1.09931	0.595903	0.740984	-1.33496	0.0344923	3.78498	3.78498	0.0760783	0.345309	-2.89595	0.131729	2.40676	2.40676	0.750643	1.1878	1.1878	1.78746	8.66429	4.10214	1
cg09330427	MGST3	0.193728	0.249492	0.858898	-1.16428	0.453775	0.908062	-1.10125	0.295865	1.14682	1.14682	0.0632175	0.767938	-1.30219	0.0323068	0.728493	-1.3727	0.133223	0.814884	-1.22717	0.528262	0.922424	-1.0841	0.194487	0.840753	-1.18941	0.256352	0.86094	-1.16152	1.87742	0.4749001	0.224848	1
cg08449574	ZNF134	0.193731	0.224666	0.840861	-1.19025	0.415626	0.891084	-1.1971	0.200429	1.19968	1.19968	0.12664	0.798326	-1.25262	0.0157807	0.742601	-1.34662	0.467947	0.902276	-1.10831	0.0959656	0.772637	-1.29427	0.473735	1.1072	1.1072	0.150249	1.24053	1.24053	1.87732	0.580787	0.274996	1
cg21707331	LRRC57	0.193733	0.349932	1.14321	1.14321	0.631993	1.06942	1.06942	0.0491114	1.36677	1.36677	0.855131	1.02666	1.02666	0.436525	1.10937	1.10937	0.252619	0.846859	-1.18083	0.114421	0.787539	-1.26978	0.564609	0.922193	-1.08437	0.0998128	1.28515	1.28515	1.87739	0.575331	0.272402	1
cg03401506	KCTD5	0.193734	0.904301	0.947277	-1.05566	0.0946466	2.28701	2.28701	0.585843	1.28116	1.28116	0.785847	1.13048	1.13048	0.0713586	2.47661	2.47661	0.105037	2.22031	2.22031	0.84139	1.09442	1.09442	0.0444931	2.82673	2.82673	0.0561632	2.64848	2.64848	1.87739	6.02963	2.85485	1
cg24705188	DPF3;ZBTB10	0.193736	0.276863	0.693577	-1.44141	0.304724	1.2251	1.2251	0.277352	1.05475	1.05475	0.582722	1.1932	1.1932	0.0560577	1.34907	1.34907	0.0972217	1.00298	1.00298	0.984005	1.01748	1.01748	0.968005	1.03241	-1.05841	0.0363739	1.22238	1.22238	1.87738	0.205775	0.0959139	1
cg16177058	PCYT2	0.193737	0.959881	1.03734	1.03734	0.261998	3.24875	2.34875	0.843004	1.1555	1.1555	0.150742	3.07256	3.07256	0.134058	2.99349	0.0459893	1.88823	-5.29598	0.567091	0.655947	-1.52453	0.33896	2.05117	2.05117	0.194968	0.368171	-2.71613	1.87737	15.7966	7.47929	1
cg24484420	AFAP1;AFAP1-IT1;OC84740	0.193737	0.853832	0.967589	-1.03391	0.517202	0.889632	-1.12406	0.08389	1.71103	1.71103	0.140587	0.237656	1.253	1.253	0.179327	1.28921	1.28921	0.0911303	1.39258	1.39258	0.0970544	-1.11403	0.858348	0.968684	-1.03253	0.87737	0.940085	0.644527	1.87737	0.944085	0.444527	1
cg17748861	NCKAP5;NCKAP5	0.193739	0.169798	0.419173	-2.38505	0.175868	0.420875	-2.376	0.0255	0.625567	-1.59855	0.40487	0.65986	1.65986	0.0837254	0.320451	-3.1206	0.483463	1.5272	1.5272	0.0595622	1.72262	-1.37502	0.0627753	3.47245	3.47245	0.749922	1.32094	1.32094	1.87736	10.5113	4.9769	1
cg20992180	FOLR1;FOLR1;FOLR1;FOLR1	0.193742	0.124366	0.556799	-1.79598	0.448021	0.762189	-1.31201	0.414781	0.745752	-1.34093	0.864396	0.94162	-1.062	0.0906095	0.315888	-3.16568	0.13062	0.562989	-1.77623	0.503945	0.737537	1.24694	1.24694	0.807098	0.946094	-1.05597	1.87735	3.68231	1.7435	1
cg04194405	MAP7D1	0.193743	0.0363357	0.61516	-1.62559	0.0990966	1.841666	-1.18812	0.784457	1.10572	1.10572	0.0604509	0.655255	-1.52612	0.754278	0.894451	-1.11925	0.0244923	1.32055	1.32055	0.0388808	1.09275	1.09275	0.278319	1.25243	1.25243	0.73734	1.18238	1.18238	1.87734	0.561259	0.2707	1
cg24899806	KCND2;KCND2	0.193748	0.187897	0.318858	-3.13169	0.0511776	0.162207	-6.16498	0.492023	1.7711	1.7711	0.319787	0.430804	-2.32124	0.108061	0.237848	-4.20439	0.224488	0.35165	-2.84373	0.029086	0.121627	-8.22188	0.317876	0.429276	-2.32951	0.38959	0.485699	-2.05889	1.87732	19.9479	9.44511	1
cg09861171	DPY19L4	0.193748	0.0841805	0.765648	-1.30608	0.673146	0.942425	-1.06109	0.17789	1.22152	1.22152	0.241345	0.842474	-1.18698	0.618138	0.87295	-1.14592	0.469547	0.902276	-1.10831	0.0959656	0.772637	-1.29427	0.473735	1.1072	1.1072	0.150249	1.24053	1.24053	1.87732	0.580787	0.274996	1
cg20276232	HERC2	0.193749	0.728048	0.909767	-1.14321	0.631993	1.06942	1.06942	0.0491114	1.36677	1.36677	0.855131	1.02666	1.02666	0.436525	1.10937	1.10937	0.763985	0.921665	-1.08499	0.105983	0.623396	-1.60412	0.0764595	1.70555	1.70555	0.0429561	1.87953	1.87953	1.87731	0.18398	0.103314	1
cg19252956	DOCK8	0.193752	0.60478	0.922554	-1.08395	0.0947748	0.753144	-1.32777	0.411481	0.878394	-1.13844	0.33665	0.858171	-1.16527	0.545202	1.09915	1.09915	0.587188	0.917698	-1.08968	0.608593	1.08301	1.08301	0.898591	1.01988	1.01988	0.0101756	0.606307	-1.64933	1.8773	0.708768	0.335597	1
cg00164940	SPTLC2	0.193752	0.217368	0.670552	-1.49183	0.170424	1.10042	1.10042	0.0818354	0.554774	-1.80254	0.26326	0.89827	-1.11353	0.0756525	0.710318	-1.40785	0.469964	0.902276	-1.10831	0.0959656	0.772637	-1.29427	0.473735	1.1072	1.1072	0.150249	1.24053	1.24053	1.87732	0.580787	0.274996	1
cg11571563	RPGRIP1	0.193752	0.237574	0.807311	-1.23868	0.299063	1.20466	1.20466	0.0862178	1.38811	1.38811	0.892428	0.976864	-1.02368	0.0634676	0.69696	-1.4348	0.812834	0.959797	-1.04189	0.297934	0.829722	-1.20522	0.149754	0.765548	-1.30625	0.31138	0.834278	-1.19864	1.8773	0.8488988	0.421338	1
cg07313155	THRA;THRA	0.193754	0.667856	0.95095	-1.05137	0.0726509	1.88136	1.88136	0.0512655	1.26165	1.26165	0.3448	1.248	1.248	0.0866207	1.41904	1.41904	0.0839483	1.15847	1.15847	0.0440328	1.1862	1.25152	0.0829389	1.31356	0.5156583	1.16405	1.16405	0.0979315	1.16116	0.7297315	1
cg06273413	PEX1;C7orf64	0.193755	0.94579	0.988393	-1.01174	0.694388	1.07015	1.07015	0.346678	1.1802	1.1802	0.267745	0.820087	-1.21938	0.224657	1.24481	1.24481	0.704317	0.936635	-1.06765	0.0127644	0.58791	-1.70094	0.670002	1.07637	1.07637	0.54251	1.11165	1.11165	1.87728	0.876427	0.414986	1
cg06771664	TSNARE1	0.193759	0.268581	0.74719	-1.33835	0.0215766	0.497621	-2.00956	0.0653751	0.592654	-1.68732	0.167431	0.689231	-1.45089	0.180901	0.698169	-1.43212	0.062729	0.588814	-1.69833	0.229779	0.270196	-3.70126	0.137533	0.24604	0.73471	-1.36108	0.317577	0.770056	-1.29861	1.87726	1.90185	0.90053	1
cg27538860	GIB3;GIB3	0.193762	0.801144	1.24705	1.24705	0.145206	0.426342	-2.34553	0.0134852	0.775957	1.28892	0.56472	0.858962	1.16466	0.0880902	0.872123	1.14656	0.0870857	0.974917	1.02572	0.852603	0.917455	1.09006	0.539405	0.824934	1.21206	0.267602	0.515224	1.87654	8.83051	4.18311	1
cg14405528	TBC1D22A	0.193765	0.27668	0.487785	-2.05008	0.556256	0.6855	-1.45879	0.442421	0.608392	-1.64368	0.308233	1.95261	1.95261	0.0833608	0.296366	-3.37421	0.426962	0.597711	-1.67305	0.0191177	0.54879	4.54879	0.359403	1.81831	1.81831	0.784668	0.840479	-1.1898	1.87723	11.9693	5.66757	1
cg02516655	SLPI12;SLPI12	0.193765	0.112968	2.15447	2.15447	0.0922551	2.82043	2.82043	0.0788	0.592613	-1.68744	0.624459	0.4919	2.0327	0.0241745	0.184926	-5.40685	0.0888502	2.43467	2.43467	0.0306884	0.447389	2.24241	2.24241	0.0453107	0.41928	0.0838997	0.675834	-1.47956	0.267078	1.67267	1.87723	5.88527	2.59775	1
cg14120784	GTF2IRD1;GTF2IRD1	0.193767	0.128189	0.378236	-2.64385	0.764118	0.8358	-1.19332	0.306355	0.540803	-1.8489	0.306046	0.540605	-1.84978	0.108302	0.36176	-2.76426	0.66732	0.778046	-1.28487	0.108302	0.36176	-2.76426	0.662632	0.0730384	0.219657	-4.55256	0.139628	0.3975	2.51573	1.87722	10.0146	4.74205	1
cg08175928	PPAPDC3	0.19377	0.24824	0.678774	-1.47325	0.182332	0.634862	-1.57515	0.507428	1.24095	1.24095	0.355776	0.757185	-1.35651	0.0618737	0.509169	-1.96398	0.0671314	0.517813	-1.9312	0.293622	0.704901	-1.41864	0.0487732	0.485576	-2.05941	0.698117	1.13328	1.13328	1.87721	3.30659	1.45062	1
cg16522544	GIPR;GIPR	0.193771	0.693981	1.0449	1.0449	0.0977441	1.04149	-1.56459	0.0618358	0.960208	-1.04185	0.0552738	1.08254	1.08254	0.26326	0.92307	-1.08327	0.511392	0.876873	-1.14062	0.0441277	0.559009	-1.78884	0.0941284	1.04024	1.04024	0.394366	0.841896	-1.1878	1.8772	1.21501	0.547872	1
cg15425276	ACTN1;ACTN1;ACTN1	0.193781	0.506488	2.16815	2.16815	0.663365	0.605085	-1.65266	0.765862	1.409	1.409	0.300727	3.42526	3.42526	0.0486475	0.0753757	-13.2669	0.399276	2.6933	2.6933	0.0432026	0.609229	-14.4448	0.34276	3.07169	3.07169	0.625485	1.75905	1.75905	1.87714	39.1904	18.5579	1
cg07556194	PPARG;PPARG;PPARG	0.193783	0.115334	0.396945	-2.51868	0.272036609	2.81166	2.81166	0.0132655	1.31761	1.31761	0.107855	0.737311	-1.79868	0.115453	0.368485	-2.71349	0.500482	1.15847	1.15847	0.0440328	1.1862	1.25152	0.0829389	1.31356	0.5156583	1.16405	1.16405	0.0979315	1.16116	0.7297315	1
cg04968127	MRV11;MRV11;MRV11;MRV11;MRV11	0.193786	0.156893	0.431426	-2.31789	0.117962	0.389614	-2.56664	0.591034	1.35146	1.35146	0.351041	0.586882	-1.70392	0.100747	0.368567	-2.71321	0.241262	0.506053	-1.97608	0.0251163	0.22783	-4.38924	0.101881	0.370016	-2.70259	0.758864	0.842854	-1.18645	1.87713	3.16554	4.34022	1
cg26884787	ZFPM1	0.193787	0.554115	0.865541	-1.15535	0.0264746	1.88673	1.88673	0.0155261	1.80499	1.80499	0.623855	1.12667	1.12667	0.803313	1.06207	1.06207	0.631181	1.1238	1.1238	0.232404	1.35281	1.35281	0.222277	1.36275	1.36275	0.129493	1.48476	1.48476	1.87712	1.73098	0.819686	1
cg14760367	RIMS2;RIMS2	0.193792	0.176598	0.462755	-2.16192	0.159454	2.23375	2.23375	0.15516	0.763085	-1.31006	0.793996	0.808466	-1.23686	0.159596	0.768355	-1.30156	0.430603	0.650523	-1.53722	0.249889	0.525829	-1.90176	0.0329273	1.81075	1.81075	0.734629	0.833488	-1.1992	1.8771	4.49487	4.02269	1
cg13849371	DDX31;GTF3C4;DDX31	0.1938	0.40032	1.11207	1.11207	0.2661559	1.15368	1.15368	0.0165329	1.43517	1.43517	0.122301	1.22951	1.22951	0.443407	1.10122	1.10122	0.0611136	1.29743	1.29743	0.61227	0.938884	-1.06509	0.615477	1.06448	1.06448	0.834104	0.974455	-1.02621	1.87706	0.452581	0.214322	1
cg19332606	MTCH2	0.193797	0.307777	0.688933	-1.45161	0.0188329	0.727579	-1.72979	0.233025	1.54494	1.54494	0.65986	1.16949	1.16949	0.0433625	1.2945	1.2945	0.2068	0.626251	-1.59687	0.502881	0.747163	1.33943	1.33943	0.0988	1.27281	1.27281	0.0492671	1.61468	1.61468	0.807057	1.93082	1.59975	1.87693	1.04202	1.87975	1
cg05324618	MTA1	0.193805	0.254181	1.36989	1.36989	0.819964	1.06211	1.06211	0.828684	0.944321	-1.05896	0.693977	1.10801	1.10801	0.507855	1.16907	1.16907	0.0365378	1.90085	1.90085	0.0514108	1.77665	1.77665	0.288601	1.97619	1.97619	0.356534	1.28488	1.28488	1.87703	2.07708	0.983626	1
cg27375198	PIY	0.193809	0.49469	1.73426	1.73426	0.102173	4.1383	4.1383	0.560525	0.62668	-1.59571	0.897307	0.902555	-1.10797	0.332987	0.452517	-2.20986	0.187411	0.329769	-3.03242	0.749266	0.775223	-1.28995	0.0256235	8.20906	8.20906	0.628047	0.67866	-1.47349	1.87701	18.7415	8.87531	1
cg19459744	CEC85;CEC85	0.193813	0.974987	1.02609	1.02609	0.218767	0.979399	-1.02102	0.933012	1.04382	-1.04354	0.813079	1.02307	1.02307	0.844302	1.14505	1.14505	0.2068	0.626251	-1.59687	0.502881	0.747163	1.33943	1.33943	0.0988	1.27281	1.27281	0.0492671	1.61468	1.61468	0.807057	1.93082	1.59975	1.87693	1.04202	1.87975	1.07855	1
cg02935305	MAPK14;MAPK14;MAPK14;MAPK14	0.193817	0.419078	0.842993	-1.18625	0.552739	0.883169	-1.13229	0.0209766	1.7763	1.7763	0.868178	0.96622	-1.03496	0.495685	0.866661	-1.15385	0.345196	0.817812	-1.22277	0.177746	0.374576	-1.34485	0.179075	1.34348	1.34348	0.951998	0.987624	-1.01253	1.87697	1.27218	0.602474	1
cg12976641	PGS1	0.193826	0.926253	1.03692	1.03692	0.374792	1.14792	1.14792	0.0179	1.34792	1.34792	0.0996092	1.13002	1.13002	0.520244	1.1458	1.1458	0.0430787	1.22	1.22	0.0194605	1.1002	1.1002	0.0393	1.25605	1.25605	0.0182775	1.46881	1.46881	1.87695	8.83051	4.18311	1
cg09905635	TNS3	0.193832	0.13188	0.438458	-2.28072	0.0307068	0.276149	-3.62124	0.0958879	0.395679	-2.5273	0.327333	0.166966	1.66966	0.138515	0.445528	-2.24453	0.396694	0.645924	-1.54817	0.275115	0.562351	-1.77825	0.562589	0.743208	-1.34552	0.685798	1.22899	1.8769	7.64005	3.61829	1
cg08370976	PIGG;PIGG	0.193837	0.65862	0.849499	-1.17736	0.180371	0.643072	-1.55497	0.163763	0.930672	-1.07469	0.350102	0.934382	-1.07025	0.0930088	0.38961	-2.56625	0.551275	0.79345	-1.25991	0.0834005	0.439337	-2.27596	0.0611412	1.22421	1.22421	0.760202	0.832289	-1.07703	1.87687	1.41888	0.564912	1
cg27172057	C12orf66	0.19837	0.145465	0.828352	-1.21381	0.526498	1.08425	1.08425	0.267583	1.16573	1.16573	0.580485	1.07291	1.07291	0.439041	1.08069	1.08069	0.524234	1.08476	1.08476	0.345924	0.858142	-1.16351	0.0921651	1.26326	1.26326	0.647396	1.13104	1.13104	1.87686	0.474341	0.223746	1
cg14591001	GALNT9;GALNT9	0.193846	0.731208	1.2798	1.2798	0.0241653	6.947	6.947	0.989648	1.0094	1.0094	0.0540454	4.8392	4.8392	0.530274	0.632288	-1.58156	0.665656	0.730901	-1.36817	0.462392	1.71501	1.71501	0.506498	0.615087	-1.62579	0.148017	3.06169	3.06169	1.87683	15.4541	7.31927	1
cg16629408	ERCC1;ERCC1;ERCC1	0.193847	0.149566	0.703253	-1.42196	0.10271	1.03271	1.03271	0.272309	0.687058	-1.45544	0.164452	1.33977	1.33977	0.346317	0.746469	-1.33949	0.114956	0.70923	-1.41007	0.0881339	0.117881	-8.48313	0.0746467	1.12658	1.12658	0.523722	0.665761	-1.50204	1.87682	21.7817	6.57999	1
cg16315060	MTUS2;MTUS2	0.193851	0.975014	0.997379	-1.00263	0.365886	1.08097	1.08097	0.749552	1.02721	1.02721	0.11301	1.15553	1.15553	0.0515555	0.830503	1.20409	0.337317	0.920441	-1.08644	0.0564561	0.834814	-1.19787	0.795764	1.02198	1.02198	0.999032	1.0001	1.0001	1.87681	1.20878	0.0988824	1
cg19988338	IRS2	0.193858	0.265399	0.689814	-1.45155	0.8813	1.04914	1.04914	0.508678	0.806349	-1.24016	0.301052	0.706426	-1.41559	0.291221	0.703531	-1.42136	0.732933	0.895872	-1.11623	0.00700054	0.326407	-3.06366	0.110711	0.572385	-1.74708	0.472335	0.790694	-1.26471	1.87681	3.16348	1.45092	1
cg26853549	MARCH10;MARCH10	0.193856	0.830436	0.960725	-1.04088	0.643362	0.84144	-1.15721	0.0125815	0.626573	-1.59655	0.525207	0.311423	1.13076	1.13076	0.0325815	0.926373	1.07955	0.956984	1.02676	0.845753	0.910531	-1.09826	0.0745395	0.689919	-1.44945	0.0582473	0.670406	-1.49163	1.87678	1.03759	0.414427	1
cg23162201	LMO1	0.193858	0.429394	0.587966	-1.70078	0.237886	0.25686	0.221628	0.429226	-2.32977	0.0287156	0.182929	-5.46662	0.845143	0.879413	-1.13712	0.487983	0.628844	-1.59022	0.0376164	0.204416	-4.89198	0.445582	0.59934	-1.6685	0.397251	0.565139	-1.76948	1.87677	12.8836	6.10202	1
cg24301681	MMP13	0.193859	0.584876	0.83651	-1.19531	0.3473	0.731665	-1.36705	0.0846554	0.644914	-1.54213	0.0264181	0.365111	2.73889	0.0556139	0.439057	-2.27881	0.596523	0.81505	-1.22692	0.0441841	0.552826	-1.80875	0.0255471	1.45411	1.45411	0.955285	0.978756	-1.02168	0.0390779	1.40878	2.49453	1.87676	1.48285	0.708627	1.87693	1.04202	1
cg10079131	GEAF1	0.193863	0.0353438	0.498357	-2.0066	0.155882	0.649554	-1.53952	0.3679	1.30062	1.30062	0.193255	1.47884	1.47884	0.215366	0.690318	-1.44861	0.203303	0.682747	-1.46467	0.687237	0.891347	-1.1219	0.500903	1.21428	1.21428	0.980629	0.993124	-1.00692	1.87674	2.40058	1.137	1
cg13834942	OSBPL1A;OSBPL1A	0.193864	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.193864	0.280515	-3.56487	0.71192	2.52226	1.359	1
cg16149053	FAM171A1	0.193867	0.07097754	0.735096	-1.36037	0.681137	1.06506	-1.06506	0.635667	1.07553	1.07553	0.92122	0.985022	-1.01521	0.410376	0.87947	-1.13705	0.149181	0.789795	-1.26615	0.0192202	0.649123	-1.54054	0.570472	0.09142	1.09142	0.773819	1.04494	1.04494	1.87672	0.691811	0.327669	1
cg22820921	PEG10;PEG10	0.193867	0.131809	1.44575	1.44575	0.971698	0.991992	-1.00807	0.15014	0.704977	-1.41849	0.315797	1.26496	1.26496	0.345341	1.24639	1.24639	0.709406	1.08853	1.08853	0.0191137	1.9016	1.9016	0.699342	0.91581	-1.09193	0.405595	1.21267	1.21267	1.87672	1.52646	0.722991	1
cg19246653	TMEM44;TMEM44;TMEM44;TMEM44	0.193872	0.835758	1.08883	1.08883	0.862897	0.9316	-1.07342	0.700439	1.17171	1.17171	0.209721	1.71928	1.71928	0.353298	1.4792	1.4792	0.420462	1.40128	1.40128	0.0125741	2.080216	2.080216	-3.56867	0.288314	1.57125	1.57125	0.990578	0.995171	-1.00485	1.8767	4.99443	2.36559	1
cg21522552	KIRREL	0.193873	0.0632332	0.643373	-1.55413	0.0931193	0.582994	-1.71528	0.0855241	0.548453	-1.82374	0.0432869	0.782514	1.48795	0.0733574	1.41033	1.41033	0.099877	1.79098	1.79098	0.0175063	2.045256	2.045256	-2.20992	0.452474	1.11284	1.11284	0.607663	1.46419	1.46419	0.185091	1.58098	1.87672	1.27217	1.87669	4.2207	1.29219	1
cg14812313	TAP2;TAP2	0.193873	0.0585859	0.162383	-6.15826	0.380605	0.465267	-2.1493	0.445683	0.516135	-1.93748	0.279449	0.384183	-2.60293	0.0309452	0.115859	8.63115	0.0720049	0.181123	5.5211	0.0543133	0.156012	-6.40975	0.242287	0.353047	-2.83248	0.303678	0.403993	-2.47529	1.87669	21.5137	10.1899	1
cg07713031	GNG7	0.193873	?	?	?	?	0.0924971	0.54381	-1.83888	0.814203	0.925469	-1.08053	0.622781	1.37719	1.37719	0.704431	0.88215	-1.13359	0.285747	1.44018	1.44018	0.0221104	2.48792	2.48792	0.891503	1.04593	1.04593	0.715604	0.886576	-1.12793	1.88725	2.87602	1.52392	1
cg26884579	EPHA1	0.193874	0.594656	0.903867	-1.10391	0.396958	1.17365	1.17365	0.195541	1.31949	1.31949	0.140067	0.854287	1.05223	1.05223	0.0513784	1.25241	1.25241	0.90468	1.07017	1.07017	0.0956387	1.07205	0.252826	1.2466	1.2466	0.0210423	1.11394	1.11394	0.654494	1.02043	1.08646	1.87668	1.00719	0.477055	1
cg18777299	STIM2;STIM2;STIM2	0.193873	0.11467	0.437627	-2.28505	0.405503	0.663692	-1.50672	0.849538	0.91258	-1.09579	0.873934	0.926369	-1.07948	0.0898306	0.406296

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg06230969	LRRC58	0.194061	0.378277	0.906044	1.5037	0.883598	1.01612	1.01612	0.342195	1.12273	1.11273	0.255663	1.13828	1.13828	0.487725	1.0796	1.0796	1.0796	0.0371891	1.30216	0.3024	0.0884515	0.814524	1.22771	0.30332	0.8901545	-1.12341	0.71238	0.96039	1.04124	1.87575	0.353915	0.167715	1
cg08101192	IGDCC3	0.194062	0.58597	1.17612	1.17612	0.695638	0.8897795	-1.12385	0.333762	0.745241	-1.34185	0.327497	1.34733	1.34733	0.59534	1.16909	1.16909	1.16909	0.151847	1.57276	1.57276	0.0122521	2.51007	2.51007	0.187762	1.50942	1.50942	0.993133	0.997465	-1.00024	1.87575	2.58437	1.2247	1
cg08202836	LRIC33	0.194065	0.184514	1.28665	1.28665	0.390689	0.854428	-1.17058	0.161242	0.764967	-1.30725	0.289009	0.821116	-1.21786	0.755327	1.05757	1.05757	1.05757	0.823732	1.04076	1.04076	0.0196465	1.65654	1.65654	0.71555	1.06772	1.06772	0.680296	1.02735	1.02735	1.87573	0.952595	0.451425	1
cg11287388	11-Sep	0.194067	0.275158	0.827195	-1.20904	0.0776285	1.38809	1.38809	0.354079	1.17282	1.17282	0.753308	0.948651	-1.05413	0.861947	1.37263	1.37263	1.37263	0.07007	1.00629	1.00629	0.196541	0.793133	-1.26082	0.145182	1.29895	1.29895	0.251507	1.22177	1.22177	1.87571	0.83046	0.393551	1
cg25593916	RIMKLA	0.19407	0.024808	0.49529	-2.01902	0.750073	0.91319	-1.08768	0.10918	1.58308	1.58308	0.410709	0.801533	-1.24761	0.612409	0.874276	-1.1438	1.1438	0.604128	0.871489	-1.14746	0.450067	0.816768	-1.22434	0.873085	0.991402	-1.00867	0.144709	1.50977	1.50977	1.87572	2.00451	0.973624	1
cg02092266	PARD3B;PARD3B;PARD3B	0.194079	0.602765	0.753064	-1.32791	0.0438454	0.286131	-3.4949	0.0341194	0.263018	-3.80102	0.489719	0.68454	-1.46084	0.434244	0.6488	-1.54128	1.54128	0.963358	1.02512	1.02512	0.86562	0.912576	-1.0958	0.131744	2.408	2.408	0.755622	1.18369	1.18369	1.87566	1.86688	4.10729	1
cg22270364	TPM4;TPM4	0.194079	0.0893191	0.221596	-4.51271	0.4054995	1.9829	1.9829	0.372105	0.478511	-2.08981	0.44014	0.530868	-1.88371	0.0335466	0.135704	-7.36896	1.9829	0.930041	0.931808	-1.07318	0.0524867	0.169734	-5.89157	0.172086	0.310631	-3.21925	0.896307	0.900433	-1.11058	1.87566	19.2191	9.10809	1
cg20196291	AFAP1L2;AFAP1L2	0.194079	0.923297	0.955402	-1.04668	0.0752824	2.56561	2.56561	0.103455	2.32504	2.32504	0.242144	3.03171	3.03171	0.415561	0.674201	-1.48324	1.48324	0.603007	0.779313	-1.2832	0.476378	0.40934	2.44034	0.282724	0.5889316	-1.69588	0.904094	1.05877	1.05877	1.87566	6.667	3.15954	1
cg25057269	HOXC10 PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGB3;PCDHGB3;PCD	0.194082	0.0516631	0.409525	-2.44185	0.582213	0.772911	-1.29381	0.621064	0.818023	-1.22246	0.0877874	2.13733	2.13733	0.384436	1.43257	1.43257	1.43257	0.0869864	2.14229	2.14229	0.948263	1.0265	1.0265	0.807278	1.10353	1.10353	0.304803	1.53474	1.53474	1.87565	4.82685	2.28749	1
cg22737624	LARP4;PCDHGB2	0.194085	0.0387878	8.72108	8.72108	0.436454	2.05149	2.05149	0.637408	1.53681	1.53681	0.976289	0.973458	-1.02727	0.364906	2.32255	2.32255	2.32255	0.377902	0.440922	-2.26797	0.154589	3.9713	3.9713	0.0240618	11.4223	11.4223	0.450493	2.00558	2.00558	1.87563	24.3362	11.5333	1
cg25820971	SUPT16H;SUPT16H LARP4;LARP4;LARP4;LARP4;LARP4;LARP4;LARP	0.194085	0.111126	0.662593	-1.50922	0.2420484	0.573755	-1.7429	0.060615	0.60551	-1.6515	0.373135	0.805072	-1.24213	0.200564	0.725205	1.37798	1.37798	0.798864	0.941242	-1.06243	0.0633091	0.609406	-1.64094	0.491434	0.847277	-1.18025	0.0806713	0.631647	-1.58316	1.87563	1.67066	0.791751	1
cg08182792	z-LARP4	0.194089	0.807563	1.05262	1.05262	0.119613	1.42606	1.42606	0.0481026	1.60765	1.60765	0.059626	1.56321	1.56321	0.314657	1.24424	1.24424	1.24424	0.328135	0.80886	-1.23631	0.405495	0.816221	-1.13976	0.23087	1.23087	0.781148	0.943148	-1.06028	1.87561	1.31202	0.621794	1
cg13699121	ADAMTS2	0.194094	0.2926681	0.899104	-1.11229	0.3685173	0.775133	-1.29013	0.112003	1.257145	1.25714	0.139442	0.893265	-1.1193	0.0933	1.12123	1.12123	1.12123	0.138827	1.10828	1.10828	0.421064	1.17108	1.17108	0.189099	0.770163	-1.29843	0.0023113	1.02387	1.02387	1.87559	1.09659	0.5197	1
cg23000309	FURTJ	0.194097	0.953676	1.01969	1.01969	0.0828273	0.52478	-1.90556	0.0382296	2.2395	2.2395	0.243581	0.663936	-1.50617	0.624036	0.84719	-1.18037	1.18037	0.739902	1.894188	-1.11833	0.133167	1.72261	1.72261	0.560897	0.820877	-1.21821	0.941119	1.02511	1.02511	1.87557	3.34733	1.5864	1
cg19111287	KIS12;RGS12;RGS12 CGREF1;CGREF1;CGREF1;CGREF1;CGREF	0.194102	0.246065	0.322718	-3.09868	0.41269	0.458035	-2.18324	0.203687	0.286286	-3.49301	0.457496	0.49392	-2.02462	0.687571	0.685986	-1.45776	1.45776	0.590265	0.602432	-1.65994	0.0156184	0.0630593	-15.8581	0.0254733	0.0841345	-11.8857	0.300421	0.367733	-2.71936	1.87555	25.8181	12.2361	1
cg07549406	F1	0.194104	0.24302	0.78841	-1.26838	0.331705	0.822931	-1.21517	0.184119	0.760201	-1.31544	0.352458	0.830111	-1.20466	0.0834903	0.688602	-1.4518	1.4518	0.747292	1.06493	1.06493	0.13558	1.36754	1.36754	0.2398551	1.27061	1.27061	0.278242	1.24533	1.24533	1.87554	1.12484	0.533104	1
cg20676760	RBBP5	0.194105	0.763663	1.09527	1.09527	0.202398	0.666971	-1.4993	0.101469	0.472399	-2.11685	0.764282	1.095	1.095	0.0192834	0.423259	-2.35002	2.35002	0.528786	0.824842	-1.21235	0.504371	0.815102	-1.22684	0.860222	1.05463	1.05463	0.364353	0.754812	-1.32483	1.87553	2.70495	1.28199	1
cg17292669	RPS6KA2;RPS6KA2	0.194113	0.130629	3.38125	3.38125	0.140328	3.26697	3.26697	0.694112	1.34309	1.34309	0.253422	2.44543	2.44543	0.0145121	0.929007	-1.07642	1.07642	0.115415	3.12195	3.12195	0.0447805	5.57529	5.57529	0.0752842	4.4122	4.4122	0.050982	4.25387	4.25387	1.87549	16.5429	7.84049	1
cg07133556	MPO	0.194113	0.485444	2.03132	-1.48515	0.0794308	0.718328	-1.39207	0.0400351	0.658383	-1.51882	0.0933	1.07214	-1.09995	0.0139787	0.412074	-2.42675	2.42675	0.0893113	1.09995	1.09995	0.0139787	0.412074	-2.42675	0.0400351	0.658383	-1.51882	0.0933	1.07214	-1.09995	1.87548	3.18314	1.19453	1
cg12462883	SLC9A10	0.194113	0.903113	0.961042	-1.04054	0.102294	1.79218	1.79218	0.693859	0.878897	-1.13779	0.433626	0.770503	-1.29785	0.0186102	0.394193	2.53683	2.53683	0.351851	1.36702	1.36702	0.742616	1.11352	1.11352	0.256572	0.679498	-1.47167	0.861759	1.044714	1.05852	1.87549	3.1626	1.49892	1
cg03252536	AATF	0.194114	0.21187	0.760699	-1.31458	0.599149	1.11663	1.11663	0.336335	1.22897	1.22897	0.291891	0.799484	-1.25081	0.426033	0.844661	-1.18391	1.18391	0.362041	1.03684	1.03684	0.386636	1.2027	1.2027	0.0135602	0.529745	-1.8877	0.586338	0.892013	-1.12106	1.87549	1.28485	0.608955	1
cg09375033	DZIP1;LDZIP1L	0.194116	0.119864	0.336557	-2.97138	0.0738825	0.935356	-1.06933	0.0906564	1.08331	1.08331	0.912931	0.670502	-1.49055	0.0124693	0.746541	-1.33941	1.33941	0.412706	0.912931	-1.09555	0.0124693	0.746541	-1.33941	0.0906564	1.08331	1.08331	0.912931	0.670502	-1.49055	1.87548	2.64868	1.40868	1
cg10050185	TCP11L1;TCP11L1	0.194117	0.731834	0.813405	-1.2294	0.747827	1.21368	1.21368	?	?	?	0.587782	1.38941	1.38941	0.279462	0.507269	-1.97134	?	0.0120472	0.142734	-7.00605	0.422403	0.610599	-1.63774	?	?	?	0.651883	0.761257	-1.31362	1.07797	8.58784	4.34176	1
cg26443062	VWA5B2	0.194123	0.477283	1.12447	1.12447	0.0732113	1.36661	1.36661	0.0937644	1.04769	2.04769	0.167477	1.78555	1.78555	0.0966754	1.25255	1.25255	1.25255	0.0816782	2.11783	2.11783	0.0964421	1.70602	1.70602	0.353293	1.44981	1.44981	0.401863	1.39609	1.39609	1.87544	4.4924	2.12923	1
cg21195120	MBTPS2	0.194125	0.423055	0.320662	-3.11855	0.0572398	0.0502926	-19.8834	0.0376871	0.340585	-2.86053	0.0656716	17.6568	17.6568	0.75108	1.55635	1.55635	1.55635	0.251354	1.180048	1.180048	0.528967	0.100862	0.0822802	-12.1536	0.75902	1.5337	1.5337	0.79853	1.42692	1.42692	1.87543	17.3845	27.1983	1
cg22948684	KIAA1026;KIAA1026	0.194128	0.468623	0.606845	-1.64797	0.314877	0.494604	-2.02182	0.192378	0.392724	-2.54632	0.0905537	0.282746	-3.53674	0.113079	0.310936	-3.21609	3.21609	0.163008	2.74198	2.74198	0.201957	0.401455	-2.49094	0.0625618	0.241792	-4.13578	0.292311	0.47707	-2.09613	0.87542	13.6291	6.45975	1
cg16506516	GUK1;GUK1	0.194131	0.972825	1.01792	1.01792	0.0303197	0.916368	-1.0914	0.0803193	0.418729	-2.38824	0.287755	0.644735	1.55072	0.647033	1.54529	1.54529	1.54529	0.272038	1.85401	1.85401	0.0641993	1.3677	1.3677	0.0917378	0.99048	-1.00961	0.0804474	1.047268	-2.87962	1.96639	1.87536	1.74956	1.47356	1
cg16671360	DCI	0.194137	0.500646	0.738642	-1.35384	0.0119594	0.101366	-9.01366	0.211869	1.79106	1.79106	0.723026	0.8541033	-1.17082	0.330547	1.5604	1.5604	1.5604	0.465555	1.38973	1.38973	0.995178	0.997335	-1.00268	0.281019	0.608626	-1.64305	0.778899	0.882733	-1.13285	0.5737	5.83315	2.7648	1
cg26269971	LRRK1	0.194139	0.387554	1.26424	1.26424	0.0155332	1.16455	1.16455	0.0704008	1.72824	1.72824	0.0660664	1.59658	1.59658	0.0579737	1.09023	1.09023	1.09023	0.524733	1.14285	1.14285	0.351881	1.70672	1.70672	0.142835	0.415288	-2.40797	0.0141328	0.884561	-1.54325	1.87534	9.4849	3.19413	1
cg16606480	CYP1B1	0.194143	0.190772	3.52859	3.52859	0.382127	0.442283	-2.26099	0.81813	0.810876	-1.23323	0.116009	4.73405	4.73405	0.976015	0.973008	-1.02774	1.02774	0.0387263	0.113189	-8.8348	0.226573	3.17589	3.17589	0.328371	0.3990235	-2.50479	0.64175	1.53182	1.53182	1.87534	24.6041	11.662	1
cg21194808	SKI	0.194145	0.154172	0.419589	-2.38328	0.4642	1.66534	1.66534	0.706391	1.24044	1.24044	0.717129	1.23016	1.23016	0.194526	0.376826	-2.65375	2.65375	0.313624	0.552478	-1.81003	0.245392	0.5007	-1.9972	0.500092	0.147656	0.745656	0.353587	0.580764	-1.72187	1.87533	9.62749	4.56333	1
cg14646441	LHPP;LHPP	0.194146	0.961121	1.01479	1.01479	0.0527	0.924302	-1.0818	0.0558382	1.08162	1.08162	0.53335	?	?	?	0.919374	0.432244	2.3135	0.317912	0.956013	1.04601	0.314576	1.58299	1.58299	0.181764	1.88154	1.88154	0.754082	1.872184	-1.14655	0.27834	1.9454	1.19413	1
cg14258154	ZFYVE9;ZFYVE9;ZFYVE9	0.194149	0.877424	0.946102	-1.05697	0.634078	1.18784	1.18784	0.413203	0.740598	-1.35026	0.206613	0.619925	-1.6131	0.0241574	0.380964	2.62492	2.62492	0.3381	0.701539	-1.42544	0.087479	1.96835	1.96835	0.890684	0.951835	-1.0506	0.324584	0.694077	-1.44076	0.74531	3.82719	1.81407	1
cg02955050	UBE2M;UCC1002;ES1691	0.194151	0.618443	1.18797	1.18797	0.133737	1.14549	1.67725	1.67725	0.0313887	2.27912	2.27912	0.944418	1.02249	1.02249	?	?	?	0.70386	0.933601	1.07114	0.824635	1.13175	1.13175	0.0479859	0.818516	1.22163	1.22163	1.22163	0.820717	1.08611	1.8753	0.977546	0.644356	1
cg10020883	PLIN4	0.194156	0.625037	1.10252	1.10252	0.335295	1.21759	1.21759	0.0768204	0.677114	-1.47686	0.207571	1.2552	1.2552	0.64973	0.912683	1.09567	1.09567	0.0650406	1.07544	1.07544	0.250072	1.26891	1.26891	0.735095	0.934923	-1.06961	0.187093	0.758006	-1.31925	1.87528	1.16605	0.55271	1
cg23757899	P2RY2;P2RY2;P2RY2	0.194163	0.290046	0.260676	-3.83618	0.12359	0.706933	0.706933	0.602076	1.90429	1.90429	0.195655	0.34191	0.34191	0.137732	0.141278	-7.07826	7.07826	0.670835	1.6878	1.6878	0.120173	0.126941	-7.87768	0.192616	0.41059	0.368342	0.09971	0.09971	0.87524	44.5223	21.1041	1
cg24884961	TTL10;TTL10;TTL10;TTL10	0.194164	0.896211	1.04134	1.04134	0.0798513	0.82821	1.82821	0.0776955	0.766954	-1.30403	0.178007	0.76954	-1.29956	0.0108458	0.405081	2.46815	2.46815	0.469777	0.799306	-1.25043	0.500003	0.1368	7.3099	0.136804	0.0148	67.5676	0.0108458	0.405081	2.46815	1.87527	0.89346	0.475613	1
cg05679002	TMCC1;TMCC1;TMCC1	0.194166	0.811106	1.13252	1.13252	0.219677	0.511282	-1.95587	0.0761002	0.782704	1.28704	0.23838	1.92921	1.92921	0.132737	0.707969	-1.41249	1.41249	0.235208	0.523798	-1.90913	0.136304	0.434189	-2.30314	0.114891	0.410208	-2.43779	0.885364	1.07786	1.07786	1.87522	0.82341	3.80323	1
cg23898305	MYO7B	0.194167	0.815071	1.08565	1.08565	0.0911221	1.32393	1.32393	0.0626804	1.38651	1.38651	0.0218795	1.65103	1.65103	0.0995502	1.00296	1.00296	1.00296	0.0993547	1.44	1.44	0.0183536	0.557431	-2.7975	0.323871	1.2642	1.2642	0.972133	0.92004	-1.01276	1.87522	1.91004	1.4868	1
cg26422059	AS818	0.194169	0.370393	0.438033	0.438033	0.992557	-1.01509	-1.01509	0.264566	0.47111	0.47111	0.566258	0.394132	-2.53722	0.307333	0.183232	-5.45757	5.45757	0.338433	0.87748	0.87748	0.176609	0.10419	0.10419	0.015133	0.120643	0.120643	0.249734	0.90125	0.90125	1.87521	0.76589	36.3048	1
cg08456152	HNRNPKJ;HNRNPU	0.194173	0.0690693	1.41175	1.41175	0.299596	1.10182	1.10182	0.0115959	1.76853	1.76853	0.452183	1.18862	1.18862	0.153596	1.31366	1.31366	1.31366	0.128848	1.32641	1.32641	0.0419422	1.62609	1.62609	0.518004	1.11749	1.11749	0.387319	0.85321	0.85321	1.87521	0.404443	1	
cg18192146	KLF3;FLU13197	0.194174	0.0652207	0.61643	-1.61643	0.598138	0.883911	-1.13134	0.554581	1.14505	1.14505	0.0574775	0.808387	-1.23702	0.0308426	0.516684	-1.93546	1.93546	0.21459	1.35406	1.35406	0.0858715	0.654222	-1.52853	0.899008	0.970972	-1.0299	0.565822	1.10606	1.10606	1.87518	1.59849	0.757728	1
cg11448683	TCTEX1D4;BTBD19	0.194177	0.469375	0.843623	-1.18536	0.0251244	0.540431	-1.85037	0.0569968	0.621068	-1.61381	0.644288	0.898158	-1.11339	0.365395	0.806662	-1.23968	1.23968	0.542643	1.15301	1.15301	0.259351	0.761974	-1.31238	0.27333	0.76846	-1.3013	0.302729	1.27971	1.27971	1.87517	1.58504	0.75136	1
cg13256160	JAKMIP1	0.194183	0.672825	1.08192	1.08192	0.0803193	0.418729	-2.38824	0.287755	0.644735	1.54775	0.640733	1.54775	1.54775	0.640733	1.54775	0.640733	1.54775	0.416566	0.88933	-1.12443	0.290073	1.33255	1.33255	0.761384	1.22348	1.22348	0.564993	1.45359	1.45359	1.87512	1.98108	0.8353	1
cg19713460	SYNGR1;SYNGR1	0.194191	0.242523	0.638366	-1.5655	0.215071	0.575741	-1.73689	0.964236	1.02506	1.02506	0.881477	0.946721	-1.05628	0.122893	0.54151	-1.84669	1.84669	0.0233872	1.37008	-1.27012	0.048392	0.043707	-2.28794	0.157981	0.574674	-1.74012	0.400347	0.729119	-1.37152	1.8751	3.9993	1.89586	1
cg16838561	IGSF11	0.194191	0.59968	1.3481	1.3481	0.0905914	0.949368	-1.86219	0.496825	0.627636	-1.47563	0.51847	1.44637	1.44637	0.0175217	0.195815	-5.10685	5.10685	0.862367	0.960122	-1.04153	0.0852741	1.58214	1.58214	0.0196154	0.567907	-1.76085	0.18119	0.449058	-2.22689	1.8751	6.94619	4.47795	1
cg17639104	KCNQ1;KCNQ1;KCNQ1	0.194191	0.631706	1.1992	1.1992	0.563152	0.871948	-1.14686	0.622705	0.760241	-1.31537	0.191971	0.947179	-1.05577	0.161971	0.6211	-1.61011	1.61011	0.862367	0.960122	-1.04153	0.0852741	1.58214	1.58214	0.0196154	0.567534	1.14513	1.14513	1.8751	1.63346	0.7743138	1
cg00134593	ADAMTS8	0.194195	0.319215	1.21884	1.21884	0.896384	1.02537	1.02537	0.896962	1.02522	1.02522	0.0297185	0.614458	-1.63544	0.840169	1.03955	1.03955	1.03955	0.231555	0.785651	-1.27283	0.29106	0.810061	-1.23447	0.206527	1.29193	1.29193	0.176888	1.3178	1.3178	1.87508	1.09763	0.520033	1
cg24883333	CLIC4	0.194203	0.160623	0.848724	-1.17864	0.0779398	0.72119	-1.38709	0.0674459	1.23343	1.23343	0.642701	1.049	1.049	0.0171903	0.637722	-1.56802	1.56802	0.0404763	1.27736	1.41815	0.35066	-1.17556	0.78938	1.02669	1.02669	0.485787	1.07522	1.07522	1.87508	1.61382	1.47612	1
cg27109647	PSMC2	0.194201	0.982545	0.994115	-1.00592	0.376319	0.892001	-1.12108	0.0720698	0.581786	-1.71884	0.28187	0.740546	-1.35036	0.437051	0.807435	-1.23849	1.23849	0.0583573	1.78085	1.78085	0.107691	0.62275	-1.60578	0.384549	1.27192	1.27192	0.706222	1.10756	1.10756	1.87505	2.16148	1.02467	1
cg22807823	HNRNPK;HNRNPK;RMI1;HNRNPK	0.194202	0.698642	1.13737	1.13737	0.14549	1.67725	1.67725	0.0331887	2.27912	2.27912	0.944418	1.02249	1.02249	?	?	?	?	0.964644	1.02157	1.20046	0.0079923	0.528878	-1.48723	0.994644	1.02157	0.0079923	0.528878	-1.48723	0.994644	1.02157	1.87503	1.22996	1.24787	0.439587	0.208412	1
cg13298932	EFNA1;EFNA1	0.194203	0.688243	1.07811	1.07811	0.078761	0.939697	-1.06417	0.959278	0.990518	-1.00957	0.937133	0.985389	-1.01483	0.157592	1.32572	1.32572	1.32572	0.737023	1.06547	1.06547	0.327286	1.20961	1.20961	0.749051	1.06226	1.06226	0.0378952	0.635723	-1.57301	1.87504	1.05158	0.498517	1
cg18350104	ZNF667;ZNF667	0.194203	0.804006	1.04618	1.04618	0.0803193	0.418729	-2.38824	0.287755	0.644735	1.54775	0.640733	1.54775	1.54775	0.640733	1.54775	0.640733	1.54775	0.725227	1.02685	1.02685	0.727227	1.22851	1.22851	0.373942	1.13255	1.13255	0.422481	1.34742	1.34742	1.87504	1.32442	0.912617	1
cg26962198	RLTPR	0.194205	0.0829285	0.514113	1.51413	0.0954428	1.48553	1.48553	0.85195	0.961299	-1.04026	0.273871	1.27892	1.27892	0.834094	0.955694	-1.04636	1.04636	0.156329	1.38768	1.38768	0.0206469	1.82617	1.82617	0.199225	1.34054	1.34054	0.636134	1.10846	1.10846	1.87503	1.38631	0.657203	1
cg25137014	TMEM184C	0.194206	0.578364	1.05252	1.05252	0.176426	0.814487	1.22859	0.0514587	0.810643	1.23369	0.0908503	0.810643	1.23369	0.0908503	0.810643	1.23369	1.23369	0.740123	1.03536	1.03536	0.183182	0.653983	-1.50605	0.497464	0.807518	-1.23836	0.604012	1.27803	1.27803	1.87503	1.94409	0.98108	1
cg05040646	CCDC41;CCDC41	0.194221	0.68681	1.15544	1.15544	0.137861	0.565789	-1.76744	0.620362	0.836955	-1.19481	0.464931	1.30235	1.30235	0.121164	1.82036	1.82036	1.82036	0.313616	1.44989	1.44989	0.0728822	2.04042	2.04042	0.169637	0.68451	1.68451	0.231136	1.639081	1.56475	1.87495	3.77297	1.78872	1
cg05277466	BANP;BANP	0.194224	0.514843	0.833048	-1.20041	0.0112149	0.415275	-2.40804	0.193767	0.644387	-1.55186	0.376585	0.778061	-1.28525	0.128413	0.634755	-1.57541	1.57541	0.50272	0.828515	-1.20698	0.750282	1.0904	1.0904	0.961631	1.01339	1.01339	0.13699	0.642086	-1.55742	1.87494	2.27141	1.07685	1
cg01755369	ILF3;ILF3;ILF3;ILF3;LOC147727;ILF3	0.194232	0.144112	0.499351	1.77931	0.398941	1.29423	1.29423	0.807933	0.829849	-1.20575	0.545245	1.49274	1.49274	0.203755	1.49274	0.670737	1.49274	0.0404763	1.27736	1.41815	0.35066	-1.17556	0.78938	1.02669	1.02669	0.485787	1.07522	1.07522	1.87492	1.61382	1.47612	1
cg01455178	SLC45A3	0.194234	0.769874	1.09445	1.09445	0.57357	1.1912	1.1912	0.0829006	0.553894	-1.8054	0.277435	0.706441	-1.41555	0.792936	1.08431	1.08431	1.08431	0.723548	1.11546	1.11546	0.0223594	2.32121	2.32121	0.235634	1.46579	1.46579	0.83334	1.06698	1.06698	1.87489	2.81077	1.3326	1
cg19692318	EPB41L2;EPB41L2;EPB41L2	0.194237	0.626376	1.08617	1.08617	0.289157	1.21517	1.21517	0.704029	0.854565	-1.16994	0.326596	0.883358	-1.13209	0.122408	1.34153	1.34153	1.34153	0.298216	1.10036	1.10036	0.0335356	0.84071	1.66071	0.731359	1.30616	1.30616	0.744328	1.09598	1.09598	1.87487	0.991556	0.464457	1
cg17441885	PSMD8	0.194238	0.334674	1.12869	1.12869	0.156228	1.20268	1.20268	0.504696	1.08585	1.08585	0.169024	0.80485	-1.19517	0.207819	0.850786	-1.17538	1.17538	0.180764	1.84125

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	p-value(1347T vs. N)	p-value(1437T vs. N)	Fold-Change(1437T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	p-value(5637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg20057151	PCCB	0.194424	0.0705766	0.432761	-2.3161	0.996816	1.00166	1.00166	0.567175	0.788394	-1.27627	0.502801	1.32574	1.32574	0.031464	0.350409	-2.85381		0.529618	0.767458	-1.303	0.446049	0.724092	-1.38104	0.18524	1.79305	1.79305	0.190792	0.562272	-1.7785	1.87394	5.12606	2.43194	
cg03276956	PPP1R11	0.194426	0.147883	0.628492	-1.59111	0.668117	0.878948	-1.13772	0.286482	1.39254	1.39254	0.49431	0.812506	-1.23076	0.365886	1.32038	1.32038		0.014855	2.45079	2.45079	0.98345	1.00622	1.00622	0.62116	0.861542	-1.16071	0.69865	1.12342	1.12342	1.87393	2.65615	1.25993	1
cg15502446	C11orf73,C11orf73,C11orf73,C11orf73	0.194426	0.763017	1.07904	1.07904	0.0388822	1.8249	1.8249	0.0579543	1.71458	1.71458	0.759189	1.08042	1.08042	0.122704	0.656576	-1.52305		0.23494	1.36774	1.36774	0.670364	0.897892	-1.11372	0.717647	0.9127	-1.09565	0.759836	1.08018	1.08018	1.87393	1.87802	0.890833	1
cg23249710	NUS1	0.194428	0.204384	0.579802	-1.72473	0.644887	1.20816	1.20816	0.0695711	0.43778	-2.28425	0.551024	1.27825	1.27825	0.440104	0.725838	-1.37772		0.0617124	2.35468	2.35468	0.026044	1.22513	1.22513	0.356807	0.679972	-1.47065	0.231816	1.66591	1.66591	1.87392	4.91567	2.33174	1
cg10397765	SIX1	0.194431	0.0644567	0.388943	-2.57107	0.263891	0.588939	-1.69797	0.50152	0.733366	-1.36338	0.0864043	1.422681	-2.36585	0.14889	0.494726	-2.02132		0.493394	0.728907	-1.37192	0.307314	0.618523	-1.61675	0.206236	1.83327	1.83327	0.0698739	0.307931	-2.513	1.87391	6.13347	2.90942	1
cg03641105	EEF2K	0.194431	0.698443	1.07336	1.07336	0.185009	0.774444	-1.29125	0.788954	1.04999	1.04999	0.354505	0.840967	-1.18911	0.317247	1.20682	1.20682		0.592308	0.906387	-1.10328	0.0232547	0.610675	-1.63753	0.569356	1.11023	1.11023	0.157075	1.31675	1.31675	1.8739	0.98127	0.465467	1
cg06348081	ATP11B;ATP11B	0.194432	0.701124	1.12705	1.12705	0.173815	0.577756	0.311377	3.98094	1.39094	0.156394	0.573784	-1.74282	0.978479	0.990317	-1.00957			0.0386096	0.470262	-2.12647	0.821886	1.07375	1.07375	0.587304	0.841428	-1.18846	0.158376	0.621837	-1.60814	1.8739	2.94595	1.59742	1
cg02189951	LOC100130851;LOC100130581	0.194444	0.0654688	0.569493	1.75095	0.319234	1.88454	1.88454	0.528806	0.854286	-1.17057	0.832889	1.07511	1.07511	0.102796	1.02796			0.46647	1.20076	1.20076	0.406856	1.23303	1.23303	0.527381	1.17127	1.17127	0.553775	0.855581	-1.1688	1.87386	1.80878	0.858017	1
cg17172980	MF2;MF2	0.194443	0.150473	7.71309	7.71309	0.164118	7.15597	7.15597	0.214787	5.64632	5.64632	0.509094	2.42982	2.42982	0.503053	0.406206	-2.4618		0.950286	0.920675	-1.08616	0.0403394	23.0901	23.0901	0.105468	10.4279	10.4279	0.0610714	16.4111	16.4111	1.87384	52.145	24.7359	1
cg26245202	ELK4;ELK4	0.194443	0.125904	1.25508	1.25508	0.0794438	0.607552	0.602	0.0983405	0.59769	1.10671	1.11066	1.26463	1.26463	-2.26166	0.237546	1.25931	-2.81032	0.76416	0.777911	-1.28566	0.317558	0.422497	1.36974	0.622852	1.51288	0.238192	0.356386	-2.80595	1.87381	20.6962	8.81775	1
cg05521792	ARHGAP22	0.194445	0.537979	0.703101	-1.42227	0.517134	0.0690047	-1.44918	0.110398	2.67182	2.67182	0.265694	0.519347	-1.92549	0.811886	0.873996	-1.14417		0.516843	0.689865	-1.44956	0.0174177	0.194891	-5.13108	0.170409	0.438358	-2.28124	0.463401	0.655991	-1.52441	1.87381	9.46977	4.49222	1
cg11890980	ABCB6;DSFOO2	0.194454	0.180781	0.629757	-1.58086	0.216734	1.43738	1.43738	0.0410922	1.93074	1.93074	0.291537	1.45206	1.45206	0.154506	0.831867	-1.20214		0.770002	1.04962	1.04962	0.167145	1.50845	1.50845	0.18632	1.47859	1.47859	0.23774	1.41232	1.41232	1.87379	2.31237	1.09694	1
cg21683025	PRDM2;PRDM2	0.194454	0.384195	2.03202	2.03202	0.0383948	10.2892	10.2892	0.0270307	8.00738	8.00738	0.268697	2.49787	2.49787	0.852524	0.862533	-1.15938		0.262335	0.53132	2.53132	0.654831	1.42987	1.42987	0.377019	2.05515	2.05515	0.736221	1.30824	1.30824	1.87379	3.78401	1.88995	1
cg22783664	STX11	0.194457	0.523876	0.62825	-1.59172	0.290911	2.20044	2.20044	0.85514	1.14054	1.14054	0.156308	0.651685	-1.53448	0.0590926	0.215746	-4.63509		0.272877	0.444781	-2.2483	0.0272525	0.152564	-6.55464	0.677347	0.740001	-1.35135	0.113087	0.288118	-3.45879	1.87377	15.3669	7.28979	1
cg26739024	FOCD11;USMG5;FOCD11	0.194462	0.512918	0.893475	-1.11923	0.824464	1.38414	1.38414	0.23714	1.84	1.84	0.0200535	1.98436	1.98436	0.0239887	1.22211	1.53212	1.52218	0.85077	1.16836	-1.03249	0.836842	0.965602	-1.03562	0.310342	0.830779	-1.19506	0.587187	0.911144	-1.09752	0.855129	0.405664	1
cg17110261	RASA3	0.194465	0.656016	1.14616	1.14616	0.80499	0.927488	-1.07818	0.630964	0.863051	-1.15868	0.242287	1.45121	1.45121	0.28719	1.39974	1.39974		0.328262	1.35943	1.35943	0.00731085	2.86468	2.86468	0.262775	1.42659	1.42659	0.39274	1.30529	1.30529	1.87373	2.74794	1.30361	1
cg22661299	ATXN7L1	0.194465	0.319852	0.424538	-2.3555	0.075173	0.191778	-5.21436	0.0153165	0.867041	-1.15469	0.0981331	2.020984	-4.53158	0.784667	1.29544	1.29544		0.929317	1.07625	1.07625	0.391816	0.48132	-2.07762	0.410964	0.500837	-1.99905	0.845394	1.1767	1.1767	1.87373	20.6146	9.77946	1
cg06284122	TAF7	0.194468	0.572518	1.12851	1.12851	0.846437	0.959258	-1.04247	0.537041	0.874043	-1.14411	0.335327	1.8100072	-2.23446	0.127203	1.51889	1.51889		0.173394	0.735577	-1.35948	0.0434162	0.592483	-1.68781	0.942301	0.812671	-1.23051	0.27985	1.26892	1.26892	1.87372	1.33178	0.632745	1
cg08072507	LRGUK	0.194469	0.758204	0.840499	-1.18977	0.697637	0.802758	-1.24571	0.432673	0.637251	-1.56924	0.159772	0.429419	-2.32873	0.806929	1.14773	1.14773		0.625321	1.31909	1.31909	0.024234	0.53457	0.53457	0.139782	2.44516	2.44516	0.30685	0.551395	-1.81358	1.87371	9.39725	4.45806	1
cg26550225	IFFO2	0.194471	0.0980044	0.534445	-1.87131	0.175077	0.654668	-1.52756	0.0547461	-2.0213	0.0343171	0.566037	-1.76667	0.0707542	0.353151	-2.83016	0.656766	1.77041	0.703463	1.2443	1.2443	0.0390629	0.256041	-3.99345	0.07393	0.320194	-3.12165	0.124674	0.386722	-2.58584	1.87371	5.69315	4.59844	1
cg05348776	CLMN	0.194472	0.0410372	0.274643	-3.64109	0.0524468	0.28956	-3.34941	0.774202	0.854144	-1.17076	0.482413	0.676174	-1.47891	0.0893948	0.358241	-2.79141		0.381598	0.61149	-1.63535	0.0805312	0.345619	-2.89336	0.198322	0.474671	-2.10672	0.0926701	0.362709	-2.75703	1.8737	8.91492	4.22927	1
cg13766651	BAT2L1	0.194475	0.8509932	1.05246	1.05246	0.0525549	0.708822	1.07224	0.58748213	0.93505	1.06666	0.0944469	1.009412	1.009412	0.0776558	1.03325			0.331821	0.615772	-1.62398	0.0294879	0.288951	-3.46079	0.290121	0.587601	-1.70184	0.291722	0.588714	-1.69862	1.87367	6.95979	3.30181	1
cg08761206	TRIO	0.194479	0.0921628	0.407485	-2.45408	0.127123	0.449773	-2.22334	0.125587	0.448081	-2.23174	0.964961	0.978951	-1.0215	0.0486151	0.359326	2.97685		0.133519	1.40014	1.40014	0.714348	1.70745	1.70745	0.892584	1.0285	1.0285	0.418691	1.1875	1.1875	1.8735	1.28333	0.608881	1
cg08049502	AQP12B	0.194513	0.795959	0.923657	1.17006	0.2564	0.436128	-2.15923	0.0440615	2.03857	2.03857	0.135178	2.58946	-2.58946	0.460436	1.20032	1.20032		0.0364823	1.82077	1.82077	0.0453635	0.210228	0.210228	0.0186009	0.212128	0.212128	0.0186009	0.420641	-2.37733	0.87349	12.5276	5.94377	1
cg09014478	CEP57;FAM76B	0.194522	?	?	?	0.0568125	0.396871	-2.51971	0.112457	2.09759	2.09759	0.220578	1.7369	1.7369	0.296521	1.59044	1.59044		0.730426	0.862193	-1.15983	0.899939	1.05541	1.05541	0.235889	0.587145	-1.70316	0.412158	1.43256	1.43256	1.88393	4.87409	2.5872	1
cg05888583	PGBD5	0.194524	0.617216	0.68867	-1.45207	0.0885292	0.6899	-1.45009	0.0833624	2.00013	2.00013	0.245697	1.95173	1.95173	0.0156154	2.15544	-2.15544	-4.66256	0.22083	1.36283	-1.37677	0.960894	1.01552	1.01552	0.916184	1.0285	1.0285	0.418691	1.1595	1.1595	1.87375	1.71196	0.813	0.608881	1
cg16150571	SNORD116-22	0.194526	0.259851	0.591102	-1.69175	0.1147	0.464231	-2.1541	0.550038	1.31064	1.31064	0.32923	0.637355	-1.56898	0.2031	1.57012	1.57012		0.494307	1.36407	1.36407	0.0729922	0.408795	-2.44622	0.670979	0.21063	1.21063	0.039067	0.343574	-2.91058	1.87343	1.93713	2.817	1
cg23753457	CCND1	0.194533	0.437509	0.809054	-1.23601	0.655557	0.88682	-1.12763	0.574656	1.16381	1.16381	0.308879	0.754456	-1.32546	0.840414	1.05542	1.05542		0.921927	0.974114	-1.02657	0.0076407	0.399528	-2.50295	0.633067	1.13733	1.13733	0.40573	1.25555	1.25555	1.87341	2.12375	1.00767	1
cg01204790	NSD1	0.194535	0.0732624	0.49875	-2.00484	0.0708484	0.0999	-2.49881	0.0550552	0.329837	3.03187	0.568762	1.95556	-2.07995	0.329653	1.76502	-1.76502	-2.12369	0.12369	1.96556	-2.07995	0.0599962	0.0599962	-16.6677	0.117435	0.164385	-6.08327	0.126002	0.173256	5.77183	0.26375	0.0179	0.7198	1
cg21061067	GZE3	0.194543	0.739237	0.84302	-1.18621	0.573327	1.33761	1.33761	0.427959	1.5124	1.5124	0.682315	1.23414	1.23414	0.00734051	0.17091	-5.85104		0.29932	0.570724	-1.73303	0.806527	0.882116	-1.13364	0.202312	1.20183	1.20183	0.757197	1.17178	1.17178	1.87341	7.75328	3.67875	1
cg05602096	GALC;GALC	0.194544	0.229383	3.12088	3.12088	0.0525258	1.74787	1.74787	0.0420709	2.43596	2.43596	0.0700252	3.403	3.403	0.0166163	4.8744	4.8744		0.397833	1.17239	1.17239	0.560753	0.64185	-1.55795	0.0902127	0.409068	-2.45117	0.0762228	0.484015	-2.06655	1.87339	1.79445	1.00767	1
cg24295800	NRF1	0.194536	0.484377	1.35037	1.35037	0.857223	0.07822	1.07822	0.292473	1.58671	1.58671	0.00943027	0.24885	-4.01848	0.446851	0.720559	-1.38781		0.966405	1.01796	1.01796	0.620693	1.23474	1.23474	0.419345	0.705548	-1.41734	0.562888	1.2805	1.2805	1.87338	3.50127	2.51537	1
cg23403791	NAD(+)ADP1;MAD1L1;MAD1L1	0.194541	0.614961	1.05151	1.05151	0.0289394	1.29932	1.29932	0.822184	1.02244	1.02244	0.510135	0.956153	-1.04579	0.810289	0.974474	-1.02609		0.687797	1.10787	1.10787	0.0645341	1.10932	1.10932	0.108121	0.806244	1.04277	0.0914377	0.837637	-1.19384	0.837356	0.290791	0.157978	1
cg24034841	ZBTB40;ZBTB40;ZBTB40;ZBTB40	0.194542	0.640277	1.11282	1.11282	0.795667	0.642478	0.95574	0.777966	1.2854	1.322086	1.26152	-1.36152	0.59114	0.914426	1.09358			0.230887	1.33035	1.33035	0.0976621	0.632179	-1.58183	0.17932	0.723275	1.3826	1.03391	0.737176	0.58353	1.87335	1.53047	0.726197	1
cg07694319	MTSS1L	0.194547	0.408557	0.628216	-1.59181	0.433846	1.55146	1.55146	0.904772	1.06803	1.06803	0.52057	0.698966	-1.43069	0.584552	0.738123	-1.35479		0.320782	0.568833	-1.75798	0.00925358	0.162598	-6.15014	0.987873	0.991676	-1.00839	0.106486	0.379324	-2.63627	1.87332	8.97356	4.25794	1
cg19380303	KIF7	0.194551	0.857951	1.08901	1.08901	0.272586	0.582006	-1.7182	0.324636	0.575188	-1.73856	0.396483	0.622514	-1.60617	0.779922	1.55222	1.55222		0.3135	0.646283	-1.54707	0.0109522	0.128121	5.38121	0.257661	0.90564	1.90564	0.554253	1.38619	1.38619	1.87331	8.84098	4.19506	1
cg04377908	FAM19A5;FAM19A5	0.194551	0.678924	0.826741	-1.20961	0.0816927	0.41591	-2.41591	0.556256	0.761794	-1.31269	0.921901	0.956158	-1.04585	0.100659	0.439511	2.27525		0.447459	1.42471	1.42471	0.0293066	0.309205	-3.2341	0.862598	0.92386	-1.08241	0.687511	0.83122	-1.20305	1.8733	6.2011	2.94245	1
cg08849958	BAIAP3	0.194552	0.427096	0.605793	-1.65103	0.0295407	2.08231	2.08231	0.375343	1.75488	1.75488	0.327258	0.515198	-1.86847	0.166231	0.401455	-2.49069		0.6918	1.17925	1.17925	0.0221838	0.546603	0.546603	0.045697	0.687883	-1.45374	0.57883	1.41425	1.41425	1.8733	11.1556	5.27883	1
cg11755395	CCDC146	0.194555	0.4154646	1.15668	1.15668	0.0887805	0.726161	-1.38858	0.61529	0.91259	-1.09541	0.415142	0.890998	-1.12234	0.220171	0.798168	-1.25287		0.857099	1.03696	1.03696	0.0814317	0.618064	-1.61796	0.588916	1.02991	1.02991	1.07291	0.31538	1.19907	1.87326	0.907281	0.430519	1
ch.2.31277757F	RIF1	0.194562	0.123233	0.666993	-1.43473	0.0810376	0.48049	-2.08121	0.466663	0.852026	-1.17367	0.82949	0.954445	-1.04773	0.814193	0.950378	-1.05221		0.200438	0.746492	-1.3396	0.364498	0.817541	-1.22318	0.131314	0.703148	-1.42218	0.711429	0.92281	-1.08365	1.87325	1.38662	0.557976	1
cg29964918	TVX1	0.194563	0.0518566	0.477284	-2.09511	0.2564	0.436128	-2.15923	0.0440615	2.03857	2.03857	0.135178	2.58946	-2.58946	0.460436	1.20032	1.20032		0.0364823	1.82077	1.82077	0.0453635	0.210228	0.210228	0.0186009	0.212128	0.212128	0.0186009	0.420641	-2.37733	0.87349	12.5276	5.94377	1
cg09166085	NUDT12	0.194578	0.124377	0.427241	-2.3406	0.1266	2.32708	2.32708	0.132619	0.436313	-2.29193	0.81863	0.889233	-1.12456	0.315295	0.588192	-1.70012		0.37177	0.625808	-1.59794	0.0886769	0.382948	-2.61132	0.0938145	0.389939	-2.56451	0.739064	1.18632	1.18632	1.87317	7.75006	3.67769	1
cg04485850	CDH4	0.194578	0.07916	0.487523	-2.45385	0.155886	0.21218	2.01218	0.532198	1.33829	1.33829	0.275097	0.592772	-1.68699	0.0981865	0.390415	-2.56318		0.0998508	0.686419	0.82951	-1.20553	0.0801372	0.440866	-2.44519	0.87313	0.62939	2.58603	1
cg08052629	PPP1R14A	0.194585	0.397543	0.667383	-1.49839	0.156732	0.493072	-2.0281	0.860334	1.08569	1.08569	0.407619	1.48502	1.48502	0.646269	1.8095956	1.24076		0.287526	1.67449	1.67449	0.592809	0.777251	1.28659	0.0332285	0.219617	3.19617	0.110146	0.254929	2.25429	1.87312	2.46499	3.06796	1
cg18160803	MORN1	0.194589	0.106841	0.192206	-5.20276	0.174213	0.25819	-3.87311	0.206933	0.286627	-3.48885	0.921826	0.912153	-1.09631	0.03075	0.0928346	-10.7718		0.118046	0.203955	-4.90304	0.0502998	0.123655	-8.08702	0.234439	0.311127	-3.21412	0.193884	0.2759	-3.62434	1.87311	26.0329	12.354	1
cg25225700	RTN4R2	0.194591	0.771402	1.24224	1.24224	0.0511273	0.280501	3.56705	0.0815929	1.70576	1.70576	0.486262	1.36501	1.36501	0.0961158	1.65228	1.65228		0.264909	1.47125	1.47125	0.0614441	0.476838	2.09681	0.0140188	0.32216	3.10432	0.0731466	0.425139	2.35161	1.87311	1.74749	1.3546	1
cg05033271	MMP16;MMP16	0.194594	0.818234	1.0918	1.0918	0.81952	1.00988	1.00988	0.293181	1.51597	1.51597	0.840896	0.926178	-1.07971	0.753552	0.886771	-1.12769		0.123538	0.529157	-1.8898	0.00914786	0.282781	-3.5363	0.685736	0.856232	-1.16791	0.928018	0.966531	-1.03463	1.8709	4.33853	2.04939	1
cg10047173	ARF4	0.194596	0.0676038	0.435142	-2.3803	0.0576758	0.377636	-2.64447	0.0823855	0.351767	-2.84279	0.0733827	0.351767	-2.84279	0.0733827	0.351039	-2.84897		0.0733015	0.76373	0.76373	0.165826	24.7317	24.7317	0.275024	17.7666	17.7666	0.0307852	46.288	246.288	1.8706	139.788	66.3388	1
cg13460556	ABHD2;ABHD2	0.194602	0.0980365	0.225516	-4.44129	0.17565	3.26425	3.26425	0.344151	2.23736	2.23736	0.580821	0.632429	-1.5812	0.0790918	0.186397	-5.3649		0.72311	0.746579	-1.33944	0.401663	0.263024	0.263024	0.0260123	0.365978	-2.7324	0.87305	0.20209	0.50128	1
cg00326462	FOXA1	0.194604	0.347254	0.645993	-1.54819	0.0851017	1.84411	1.84411	0.0458155	1.38838	1.38838	0.677052	1.14413	1.14413	0.0458155	1.1539			0.195207	1.15326	1.15326	0.16553	0.672512	1.25314	1.53164	1.53164	0.37004	1.16052	1.4548	1
cg26932614	CLP1	0.194605	0.0642459	0.438192	-2.28211	0.646003	0.832331	-1.20145	0.271105	0.634669	-1.57562	0.382816	0.701075	-1.42638	0.0693146	0.446492	-2.23968		0.80939	0.90856	-1.10064	0.0335584	0.373344	-2.6785	0.082102	0.465623	-2.14766	0.118696	0.510645	-1.95381	1.8703	4.67115	2.2168	1
cg08806681	TMEM190	0.194605	0.182755	0.414158	-2.41458	0.259016	0.47988	-2.08385	0.241251	2.13996	2.13996	0.248728	2.12067	2.12067	0.0144112	2.6004	2.6004		0.199534	2.3282	2.3282	0.0114676	2.28229	2.28229	0.0114676	2.37377	2.37377	0.0030776	2.99455	2.99455	1.8703	11.3218	5.47268	1
cg06017355	NOB1	0.194609	0.296021	1.19891	1.19891	0.102994	1.348	1.348	0.117271	0.752136	-1.32955	0.472844	1.130023	1.130023	0.354614	1.17285	1.17285		0.254128	1.22063	1.22063	0.0315253	1.52533	1.52533	0.53794	0.90982	-1.09882	0.758645	0.955554	-1.04651	1.8702	0.831454	0.394588	1
cg26180469	ESRRA	0.194611	0.225117	0.57488	-1.73949	0.0578101	2.53959	2.53959	0.519568	1.328	1.328	0.999966	1.00002	1.00002	0.254266	0.596146	-1.67744		0.776677	1.13153	1.13153	0.585391	1.27044	1.27044	0.0316643	2.98796	2.98796	0.762971	0.876845	-1.14045	1.8701	5.60076	2.658	1
cg16647227	RUNX1;RUNX1;RUNX1	0.194611	0.771402	1.24224	1.24224	0.0511273	0.280501	3.56705	0.0815929	1.70576	1.70576	0.486262	1.36501	1.36501	0.0961158	1.65228	1.65228		0.264909	1.47125	1.47125	0.0614441	0.476838	2.09681	0.0140188	0.32216	3.10432	0.0731466	0.425139	2.35161	1.87311	1.74749	1.3546	1
cg13720686	BAI3	0.194616	0.365389	0.915471	-1.09234	0.376715	1.08996	1.08996	0.0971879	1.18871	1.18871	0.344424	0.911665	-1.09689	0.0790187	0.477358	2.10808		0.702043	0.964156	-1.03718	0.0768547	0.82957	-1.20544	0.230854	0.887488	-1.12678	0.988041	1.00142	1.00142	1.87298	0.267513	0.126958	1
cg08751950	EIF3B;EIF3B	0.194619	0.0422572	0.423755	-2.36409	0.0426506	0.308864	-3.23867	0.0796806	0.312344	0.308158	-3.24409	0.308158	-3.24409	0.0796806	0.312344	-3.20137		0.119468	0.480097	-2.08209	0.0133843	0.155936	-6.41268	0.0418857	0.156579	0.266566	-3.75144	0.0997	0.264708	-3.77904	0.0418857	0.156579	1
cg01802152	MAPKBP3;MAPKBP3	0.194624	0.624501	0.922922	-1.08352	0.7263026	0.725683	-1.37801	0.391609	1.1534	1.1534	0.60546	0.918765	-1.08842	0.674322	1.07113	1.07113		0.242772	0.819754	-1.21988	0.0155993	1.42187	1.42187	0.108863	0.752531	-1.32885	0.984649	1.00313	1.00313	1.87294	0.784175	0.372166	1
cg24708882	GPR98;GPR98	0.194624	0.752278	0.8502	-1.17619	0.867747	1.089156	1.089156	0.988143	0.992381	-1.00768	0.140062	2.26386	2.26386	0.0184218	0.229553	-4.35629		0.599548	0.761342	-1.31347	0.656642	0.794316	-1.25894	0.332521	0.30574	0.578434	1.33495	1.33495	1.87294	7.85714	3.72897	1
cg05176569	MCF2L2	0.194631	0.684222	1.39178	1.39178	0.270236	0.412449	-2.11049	0.0270415	0.490226	0.302226	-3.30888	0.490226	0.302226	-3.30888	0.0270415	3.69642		0.208179	0.29763	-3.3453	0.15421	0.26104	-3.83107	0.0759065	0.67876	1.47351	0.676876	0.506034	1.72551	1.87291	19.3879	9.20156	1
cg08089851	MKRN2	0.194631	0.052189	0.774086	-1.29185	0.473035	0.08874	1.08874	0.480944	1.08661	1.08661	0.472096	1.08851	1.08851	0.476931	1.08747	1.08747		0.0732337	1.26066	1.26066	0.274545	0.876496	-1.14091	0.218797	0.860736	-1.1618	0.558655	1.07098	1.07098	1.8729	0.398799	0.189272	1
cg13346651	RIPP3	0.194633	0.2114282	4.73553	4.73553	0.0713142	1.13742	1.13742	0.864896	1.14287	1.14287	0.154477	1.15025	1.15025	0.727448	1.1287	1.1287		0.843072	1.03718	1.03718	0.799999	0.8028813	1.310994	0.221549	0.884446	1.08142	0.772382	0.91172	1.09172	1.8729	3.5512	1.68542	1
cg12206197	TPS3IBP2;TPS3BP2	0.194634	0.400865	0.590562	-1.6933	0.434456	0.613568	-1.62981	0.968128	0.975824	-1.02477	0.507226	1.50988	1.50988	0.166476	0.405103	2.46851		0.807195	1.16156	1.16156	0.916583	1.06627	1.06627	0.0122928	0.675201	0.438895	2.62185	1.62185	1.87289	1.1128	5.28141	1
cg23005370	SDHAF3;SDHAF3;NXF1B	0.194635

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 1047)	p-value(1117 vs. N)	Fold-Change(1117 vs. 105T)	p-value(1127 vs. N)	Fold-Change(1127 vs. 1117)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 1127)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. 347T)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537T)	p-value(5 vs. N)	Fold-Change(5 vs. 537T)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
ips1028461	SLC35F5	0.194766	0.31763	0.875413	-1.14232	1.617277	1.06704	1.06704	0.0906391	1.2714	1.2714	0.511802	0.918249	-1.08803	0.465817	1.10032	-1.10032	0.0567673	0.757501	-1.32013	0.112085	0.831569	-1.25219	0.892552	0.982743	-1.03756	0.2784541	1.15622	1.15622	1.87223	0.491939	0.23356	1
cg09611226	KIAA0182;KIAA0182	0.194767	0.770418	1.14678	1.14678	0.2289686	3.33688	3.33688	0.0632143	2.65887	2.65887	0.336233	0.62871	-1.59056	0.5041	0.728115	-1.37341	0.9584832	1.02469	1.02469	0.159985	0.201914	2.019414	2.019414	0.2984225	1.65609	1.65609	0.345977	1.575	1.575	1.87223	0.49558	3.08395	1
cg26153364	NEGR1	0.194768	0.222949	1.21225	1.21225	0.251749	0.8353	-1.19717	0.897171	0.980754	-1.01962	0.202147	0.816758	-1.22435	0.488521	1.11156	1.11156	0.0283956	1.47529	1.47529	0.618052	0.927229	-1.07848	0.195673	0.81409	-1.12837	0.8606828	1.02677	1.02677	1.87222	0.669865	0.318037	1
cg10447977	ADAMTS9	0.194769	0.10496	1.463847	-1.25588	1.838408	1.30507	1.30507	0.1246887	1.55422	1.55422	0.271026	0.608438	-1.64355	0.020929	2.097738	-3.3363	0.2430938	1.588836	-1.69827	0.352849	0.660566	-1.51362	0.714516	1.17268	1.17268	0.464604	1.724186	-1.38086	1.87222	1.572	5.57429	2.64056	1
cg02097152	SLC46A3;SLC46A3	0.194772	0.0802412	2.380319	-3.56736	0.372683	1.82175	1.82175	0.211289	2.35772	2.353772	0.433974	0.592604	-1.68747	0.928116	1.060092	1.060092	0.827787	0.866443	-1.15348	0.187786	0.400596	-2.49628	0.363759	1.84355	1.843551	0.0491903	2.229594	-4.35552	1.8722	12.7357	6.0467	1
cg02552216	ING2	0.194774	0.165789	1.33208	1.33208	0.1096444	0.712933	-1.46266	0.5001152	1.142	1.142	0.810741	0.954524	-1.06454	0.491849	0.873233	-1.14504	0.641606	1.09521	1.09521	0.0218029	0.586503	-1.70502	0.932024	0.983985	-1.01669	0.4941	1.44421	1.44421	1.8722	1.11604	0.529878	1
cg23929674	PRIMA1	0.194776	0.810669	1.08831	1.08831	0.0473298	0.449276	-2.2258	0.759086	0.89721	-1.11457	0.0653718	0.482217	-2.07376	0.8149222	1.07636	1.07636	0.67808	0.863135	-1.15857	0.0742119	0.495847	-2.01675	0.70249	1.1446	1.1449	0.216875	1.58116	1.58116	1.87218	3.68662	1.75036	1
cg04149015	PBSJ36	0.194778	0.0989204	5.11806	5.11806	0.0164307	14.101	14.101	0.4033121	1.61674	2.16374	0.111516	4.77975	4.77975	0.789891	0.785825	-1.27255	0.453092	1.99314	1.99314	0.899842	1.12164	1.12164	0.364792	2.13743	2.13743	0.0881013	5.46626	5.46626	1.87216	24.1518	11.4671	1
ch.13.50475?F	WBP4	0.194778	0.114045	2.54942	-2.8317	0.0709873	0.491562	-2.03433	0.12462	0.556915	-1.79561	0.0224886	0.381998	-2.61781	0.221502	0.636086	-1.57211	0.994572	0.997608	-1.0024	0.104231	0.535085	-1.86886	0.558089	0.811775	-1.23187	0.437005	0.756423	-1.32201	1.87216	3.67527	1.74499	1
cg22777467	GRAMD3;GRAMD3;GRAMD3;GRAMD3;GRAMD3;GRAMD3	0.194781	0.519946	0.655692	-1.52511	0.2283143	0.187254	-5.34034	0.0436404	0.222914	-4.48604	0.50297	1.55253	1.55253	0.293759	0.494244	-2.02329	0.0969271	0.307576	-3.25122	0.360676	0.544394	-1.83691	0.59212	0.704712	-1.41902	0.775965	1.20277	1.202777	1.87216	12.4159	5.895	1
cg11676024	TIGD6	0.194783	0.0598547	0.527598	-1.89538	0.456035	0.794615	-1.25847	0.567597	0.839616	-1.19102	0.095587	1.89697	1.89697	0.188984	0.657653	-1.52056	0.57943	0.844859	-1.18363	0.411525	1.28772	1.28772	0.770652	1.09202	1.09202	0.186508	0.655921	-1.52457	1.87215	2.68892	1.27669	1
cg18461635	CCDC12	0.194787	0.0960576	0.2576448	-3.88127	0.0328172	6.37562	6.37562	0.2384434	2.409861	2.409861	0.850073	0.869	-1.15075	0.371856	0.506456	-1.97451	0.357082	0.4902	-2.03899	0.912546	0.921756	-1.08493	0.985862	1.01324	1.01324	0.240572	0.405675	-2.46503	1.87213	16.3246	7.75992	1
cg09398924	WDR48	0.194793	0.748331	0.925567	-1.08042	0.910282	1.28058	1.28058	0.4944441	1.74187	1.74187	0.57422	1.14615	1.14615	0.998516	1.00045	1.00045	0.493748	0.846205	-1.18175	0.240699	0.744428	-1.34331	0.0572113	0.59634	-1.6769	0.378782	1.24231	1.242311	1.87211	1.71189	0.812817	1
cg14813019	NBN	0.194796	0.0641421	0.7200053	-1.38879	0.161443	1.39466	1.39466	0.346507	1.16538	1.16538	0.812626	0.96331	-1.03807	0.334579	0.854607	-1.17013	0.519647	0.902082	-1.10855	0.282075	0.838216	-1.19301	0.483669	1.11894	1.11894	0.274114	1.19813	1.19813	1.87208	0.739025	0.350898	1
cg08441152	PQLC1;PQLC1;PQLC1	0.194798	0.428261	1.16254	1.16254	0.2673371	1.24292	1.24292	0.1650903	1.91822	1.91822	0.806308	1.0467	1.0467	0.505157	1.13514	1.13514	0.744628	0.745483	-1.34211	0.1452	1.1432	1.1432	0.225324	1.26695	1.26695	0.187207	1.21002	1.21002	1.87204	1.26502	0.480042	1
cg15685783	ILF3;ILF3;ILF3;ILF3;ILF3	0.194802	0.0493443	0.22565	-4.43165	0.37757	1.82372	1.82372	0.17645	2.59534	2.59534	0.0670615	0.25609	-3.90488	0.537668	0.660884	-1.51313	0.244648	0.445863	-2.24284	0.272119	0.468298	-2.13539	0.912096	0.929332	-1.07604	0.347588	0.526321	-1.89998	1.87205	13.059	6.20066	1
cg22702125	RING1	0.194803	0.249158	1.17218	1.17218	0.781085	1.03743	1.03743	0.685261	1.09521	1.09521	0.336882	0.878077	-1.13885	0.834387	0.972764	-1.028	0.285676	0.86394	-1.15749	0.0117421	1.15901	1.15901	0.914954	1.01419	1.01419	0.484481	0.910552	-1.09823	1.87205	0.515775	0.249801	1
cg26967842	PTPRN2;PTPRN2;PTPRN2	0.194804	0.418451	1.64411	1.64411	0.2402416	0.610151	-1.63798	0.150493	0.395828	-2.52635	0.0036597	0.1647	-6.07033	0.0001	6.149791	-6.14979	0.556631	1.42982	1.42982	0.0183004	0.523736	5.57036	0.190059	2.30102	2.301022	0.660189	0.766391	-1.30482	1.87204	10.7224	5.09124	1
cg17901463	GSTM1;GSTM1;GSTM1;GSTM1	0.19481	0.322113	0.264801	-3.77642	0.497304	0.410819	-2.43416	0.0908209	0.0838316	-11.9287	0.416551	0.341478	-2.92845	0.021745	0.0226262	-44.1966	?	?	?	0.301176	0.4277	4.0277	0.977751	1.03645	1.03645	0.865249	1.24377	1.24377	2.07412	45.8437	16.5771	1
cg05340865	GUCY2E	0.194782	0.427158	0.876151	-1.14178	0.2282667	1.13937	1.13937	0.2657368	1.20726	1.20726	0.3997	0.853948	-1.08003	0.419734	1.16525	-1.16525	0.0918258	1.35349	1.35349	0.394163	0.668634	-1.49544	0.359078	0.554434	-1.8037	0.187201	0.784892	0.784892	1.87202	0.374402	1	
cg08877293	FOSL1	0.194812	0.0272283	0.217063	-4.60695	0.366473	0.201129	-2.01129	0.670183	0.724968	-1.37937	0.173349	0.333839	-2.99546	?	?	?	0.202992	2.76334	2.76334	0.145013	3.27718	3.27718	0.290104	2.28966	2.28966	0.62489	1.4478	1.4478	1.96256	15.2165	6.78421	1
cg20929545	HMBS;HMBS	0.194813	0.4606309	0.886137	-1.12842	0.788332	0.691002	-1.44732	0.0624504	0.671871	-2.22976	0.0813539	0.449254	-3.14221	0.0078172	0.981634	-1.01855	0.0000555	1.69516	1.69516	0.0028705	0.708418	1.41172	-1.04033	0.0018785	0.918665	-1.08854	0.9590937	0.991783	-1.00829	0.765139	0.363314	1
cg07473023	RGNEF	0.194814	0.58688	0.791392	-1.2636	0.771279	0.883113	-1.13236	0.527796	1.31362	1.31362	0.148983	0.516862	-1.93475	0.0929269	0.454619	-2.19964	0.0179776	1.293478	-3.40741	0.929001	1.03873	1.03873	0.348954	1.5086	1.5086	0.924648	1.04117	1.04117	1.872	1.39152	2.56008	1
cg16642791	IRX5	0.194815	0.0194841	68.5021	68.5021	0.31271	4.77354	4.77354	0.627819	2.07768	2.077683	0.75835	1.6534	1.6534	0.450485	3.09063	3.09063	0.2630752	2.86166	-1.58888	0.438564	0.455611	2.19485	2.194853	0.0135421	-4.24051	0.954024	1.09013	1.09013	0.123825	12.1185	12.1185	1.87199	66.4266	31.5417	1
cg11386953	NDUFS5	0.194816	0.771436	1.21924	1.21924	0.2672341	0.732571	-1.36555	0.555	0.759816	1.84795	1.84795	1.13791	1.13791	0.383898	0.87954	-1.13698	0.0601542	0.166976	-5.98888	0.438564	0.455611	-2.19485	?	2.30102	2.30102	0.0616395	5.91026	5.91026	1.87193	16.3351	8.27545	1
cg26976729	MGMT	0.194817	0.55606	0.847995	-1.17925	0.3370103	0.511594	-1.95467	0.0622207	0.559177	-1.78834	0.548661	1.183	1.183	0.721794	0.905741	-1.10407	0.40075	0.788068	-1.26893	0.211689	0.696665	-1.43954	0.146727	1.53925	1.53925	0.773783	0.923299	-1.08307	1.87198	2.27335	1.07948	1
cg26735980	CDH13	0.194821	0.283402	0.82933	-1.20579	0.589899	0.843414	-1.18602	0.3154641	1.9431	1.9431	0.393959	1.44912	1.44912	0.0916355	0.627241	-1.59436	0.0920258	0.462695	-2.16225	0.0703904	0.415365	2.40665	2.406651	0.0155194	5.779503	5.779503	0.0731572	2.41961	2.419611	1.87198	5.15194	2.43855	1
cg07850447	GNAO1;GNAO1	0.194824	0.436431	1.41528	1.41528	0.864966	0.282244	-1.0773	0.900148	0.951288	-1.05121	0.305533	1.50366	1.59066	0.106872	0.462968	-2.15998	0.9061615	1.05297	1.05297	0.520701	0.752159	-1.32951	0.843708	0.628258	0.628258	0.0584726	2.547585	2.547585	1.87194	5.67402	2.6943	1
cg20190150	TSPO;TSPO;TSPO;TSPO	0.194824	0.223447	0.810176	-1.2343	0.865974	1.02619	1.02619	0.0625842	1.41181	1.41181	0.7375	1.05926	1.05926	0.386582	0.864101	-1.15727	0.347054	0.8527	-1.17274	0.0629282	0.708708	-1.41102	0.179622	1.26435	1.26435	0.845948	0.968495	-1.03253	1.87194	0.802959	0.381284	1
cg19502841	SLC4A2	0.194825	0.664353	0.7652	-1.30675	0.2282667	0.963687	-1.03781	0.6551481	0.969598	-1.03125	0.0654168	0.644973	-2.23776	0.8611193	0.969598	-1.03125	0.7295104	0.802244	-1.24627	0.2604591	0.494207	-1.5974	0.809735	0.910378	0.910378	0.318318	0.681617	0.681617	1.87193	0.784892	0.374402	1
cg20771988	CDP58;CDP58	0.194827	0.852767	0.96171	-1.03981	0.780633	1.06043	1.06043	0.0963033	0.681301	-1.46738	0.224758	0.52202	-1.91234	0.114929	0.180014	-5.55511	0.2335544	0.286688	-3.4881	0.0380116	0.0902575	-11.0794	0.179304	0.240054	-4.16573	0.0947584	0.159321	-6.27662	1.87181	29.6632	14.0865	1
cg04285443	HIST1H2AI	0.194828	0.4835511	2.27647	2.27647	0.836289	1.26901	1.26901	0.0387979	15.8641	15.8641	0.939143	1.09222	1.09222	0.753058	1.43995	1.43995	0.50683	2.17716	2.17716	0.909973	0.877506	-1.13959	0.0580283	11.8841	11.8841	0.0226877	23.3673	23.3673	1.87178	39.5643	18.7884	1
cg26158710	PTPRN2;PTPRN2;PTPRN2	0.194853	0.1636762	0.8179585	-1.22283	0.5768021	1.82626	1.82626	0.1004104	1.85525	1.85525	0.0777	0.7883	-1.26854	0.3884193	0.7883	-1.26854	0.1148014	-1.28154	0.157535	1.6502	0.0005	-1.96959	0.0455451	0.4758016	2.101258	0.4758016	1.21215	1.1215	0.3778	0.851666	1.50059	1	
cg10706949	PRKCZ;PRKCZ;PRKCZ	0.194854	0.255829	0.5731	2.5731	0.1642283	0.3421	0.3421	0.0302806	0.76895	0.76895	0.198832	2.95001	2.95001	0.557795	1.60366	1.60366	0.52715	1.66612	1.66612	0.455011	1.83363	1.83363	0.164219	3.26276	3.26276	0.777151	2.35369	1.25369	1.8718	18.8194	8.93705	1
cg21945459	MCM3AP;C21orf70;C21orf57;C21orf57	0.194856	0.692686	0.832104	-1.20182	0.738332	0.691002	-1.44732	0.0624504	0.671871	-2.22976	0.0813539	0.449254	-3.14221	0.0078172	0.981634	-1.01855	0.0000555	1.69516	1.69516	0.0028705	0.708418	1.41172	-1.04033	0.0018785	0.918665	-1.08854	0.9590937	0.991783	-1.00829	0.765139	0.363314	1
cg15033036	PRDM12	0.194862	0.391889	1.238	1.238	0.139266	1.47298	1.47298	0.0667403	1.64921	1.64921	0.0860994	1.58657	1.58657	0.856851	1.04493	1.04493	0.2502456	1.7672	1.7672	0.908348	1.02843	1.02843	0.459266	1.20129	1.20129	0.0476152	1.73562	1.73562	1.87175	1.75602	0.833925	1
cg13155130	PDM21L4P	0.194863	0.957447	0.777556	-1.02138	0.2988098	0.741728	-1.59409	0.0262661	0.534644	-1.9431	0.0139593	0.40625	0.897231	1.1	1.10637	0.1020308	0.2976536	-3.35981	0.0392058	0.462695	-2.16225	0.0703904	0.415365	2.40665	2.406651	0.0155194	5.779503	5.779503	0.0731572	2.41961	2.419611	1.87175	5.15194	2.43855	1
cg09598025	GRPEL2	0.194863	0.522995	1.4219	1.4219	0.168113	0.936571	-1.06772	0.88632	0.93889	-1.06489	0.0570629	0.324939	0.22419	-4.46119	0.144047	2.3453	2.3453	2.389813	1.81738	1.81738	0.307894	0.59579	-1.67895	0.972099	0.62349	0.43249	0.313797	3.2832	2.3832	1.87175	8.76459	4.16228	1
cg02433139	DIP2C	0.194863	0.484751	1.40379	1.40379	0.165141	0.492976	-2.02849	0.866664	1.08359	1.08359	0.2026	1.90146	1.90146	0.290796	1.68827	1.68827	0.68533	1.21483	1.21483	0.0137284	4.28705	4.28705	0.267469	1.73648	1.73648	0.432156	1.46663	1.46663	1.87175	6.76526	3.2128	1
cg26897150	DHX40;DHX40	0.194864	0.1674065	0.7662	-1.30525	0.2282667	0.963687	-1.03781	0.6551481	0.969598	-1.03125	0.0654168	0.644973	-2.23776	0.8611193	0.969598	-1.03125	0.7295104	0.802244	-1.24627	0.2604591	0.494207	-1.5974	0.809735	0.910378	0.910378	0.318318	0.681617	0.681617	1.87175	0.784892	0.374402	1
cg23204345	FOXO3;FOXO3;FOXO3	0.194867	0.174597	0.692995	-1.44301	0.576096	0.86636	-1.15425	0.677779	0.839825	-1.19095	0.448742	0.821965	-1.2166	0.2828508	1.05926	1.05926	0.717544	0.690955	-1.44727	0.0114897	0.447798	-2.23224	0.540537	1.17041	1.17041	0.435178	1.2241	1.2241	1.87171	1.91203	0.908035	1
cg08304120	MAP3K11	0.194876	0.0541572	0.282793	-3.53615	0.2185207	0.478629	-2.11402	0.2697377	0.728397	-1.37288	0.672377	0.781899	-1.27894	0.1607445	0.633403	-1.57906	0.3260107	0.556233	-1.79791	0.026969	0.199531	-5.01176	0.740472	0.825082	-1.21199	0.0579641	0.289474	-3.45454	1.87168	9.91746	4.35994	1
cg06133145	PRMA1	0.194877	0.160924	1.39131	1.39131	0.3057091	1.15585	1.15585	0.2051671	1.88602	1.88602	0.234689	0.86573	-1.15529	0.3686573	0.808542	-1.23678	0.2173448	4.08134	4.08134	0.136455	0.160655	6.22477	-1.09459	0.0454561	0.145955	6.851	0.145955	1.14907	1.3997	0.0474077	11.6794	1.87164	1.87168	34.8894	16.5315	1
cg01143579	HIC1	0.19488	0.0664439	0.587566	-1.45441	0.120773	1.35828	1.35828	0.117443	1.36269	1.36269	0.16742	1.39403	1.39403	0.0202806	0.748295	-1.33594	0.2657618	0.92031	-1.08656	0.332533	1.19953	1.19953	0.965504	0.99216	-1.0079	0.851589	0.966489	-1.03467	1.87167	0.981783	0.466267	1
cg16860821	TEC6	0.194882	2.1298	2.1298	2.1298	0.0004	0.479139	-2.08704	0.0150903	0.341741	0.341741	0.0008	0.1609	0.1609	0.0002	6.216	6.216	0.4272826	0.682609	0.682609	0.108376	1.076	0.1076	0.1076	0.0001	1.076	1.076	0.0001	1.1944	1.1944	1.87167	1.1301	0.3723	1
cg26756769	TSC22D1	0.194888	0.2065356	0.5209992	-1.91941	0.85062	0.91186	-1.09666	0.689349	1.21732	1.21732	0.343345	1.61243	1.61243	0.274864	0.573499	-1.74368	0.84324	0.907649	-1.10175	0.0151478	0.232155	-4.30747	0.126597	0.445416	-2.24509	0.687778	1.21861	1.21861	0.87663	7.09979	3.37189	1
cg18703583	TAP9P;TAP9P;RGL2;RGL2	0.194889	0.796709	1.05666	1.05666	0.164162	0.728374	-1.37292	0.231886	0.765134	-1.30696	0.562542	0.882496	-1.13315	0.0376551

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13074795	ATF7;ATF7;ATF7	0.195108	0.174903	0.403097	-2.48079	0.401324	1.7176	1.7176	0.208946	2.30259	2.30259	0.735732	0.807901	-1.23778	0.0283492	0.195973	-5.10276	0.413052	0.590394	-1.69378	0.124633	0.351023	-2.84881	0.614211	0.726102	-1.37722	0.578118	1.42443	1.42443	1.87053	11.7473	5.5824	1
cg23154526	FOXB1	0.195111	0.538792	0.89799	-1.1136	0.676301	1.0753	1.0753	0.160003	0.771391	-1.29636	0.120784	1.33764	1.33764	0.571151	0.905782	-1.10402	0.318296	0.836658	-1.19523	0.415083	0.86586	-1.15492	0.418588	1.15362	1.15362	0.0371944	1.51925	1.51925	1.87052	0.885597	0.420845	1
cg00613562	SULF1;SULF1;SULF1;SULF1	0.195114	0.0306032	0.266689	-3.74969	0.460914	0.676685	-1.47779	0.154806	0.45283	-2.20833	0.848222	0.905122	-1.10482	0.0849576	0.371192	-2.69402	0.266723	0.547699	-1.82582	0.0291318	0.262454	-3.81019	0.223304	0.513911	-1.94586	0.473935	0.684612	-1.46068	1.8705	8.01878	3.81063	1
cg08292959	MGAT5B;MGAT5B	0.195114	0.311568	2.88621	2.88621	0.639057	1.6133	1.6133	0.692667	1.49511	1.49511	0.575055	0.56356	-1.77443	0.0133698	0.0449519	-22.246	0.240323	3.47182	3.47182	0.452928	2.1687	2.1687	0.343331	0.372184	-2.68685	0.8984	1.13807	1.13807	1.8705	30.3671	14.4309	1
cg26519783	STAG2	0.19512	0.0473324	0.357551	-2.7968	0.276562	0.598717	-1.67024	0.259977	0.587088	-1.70332	0.0366077	3.00668	3.00668	0.663407	1.21955	1.21955	0.400866	0.677229	-1.47661	0.986776	0.992516	-1.00754	0.947234	0.970447	-1.03045	0.843406	0.914258	-1.09378	1.87047	6.08589	2.89215	1
cg24144574	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B; PRKAR1B;PRKAR1B	0.195123	0.838558	1.06952	1.06952	0.182305	1.59411	1.59411	0.221494	0.654851	-1.52707	0.717489	0.887185	-1.12716	0.013145	0.363133	-2.75381	0.53214	1.23179	1.23179	0.495202	1.25629	1.25629	0.967057	0.986487	-1.0137	0.531425	0.811525	-1.23225	1.87046	3.21504	1.52787	1
cg22740703	CDK5;SLC4A2;CDK5	0.195123	0.0973948	0.576293	-1.73523	0.577567	0.843267	-1.18586	0.757489	0.910424	-1.09839	0.592179	0.848879	-1.17802	0.163464	0.63723	-1.56929	0.0166275	0.412263	-2.42564	0.567664	0.839439	-1.19127	0.219906	1.47823	1.47823	0.888739	1.04332	1.04332	1.87046	2.71958	1.29242	1
cg17401719	ANLN;KIAA0895	0.195124	0.823216	1.02778	1.02778	0.556142	1.07562	1.07562	0.994825	1.00079	1.00079	0.711279	0.955493	-1.04658	0.403076	1.11047	1.11047	0.332034	0.884662	-1.13037	0.542407	0.927268	-1.07844	0.412133	1.10815	1.10815	0.00766916	1.52141	1.52141	1.87045	0.444235	0.211112	1
cg18338021	GZMM	0.195132	0.104312	0.447607	-2.23411	0.443989	1.42374	1.42374	0.718749	1.17788	1.17788	0.457952	0.710237	-1.40798	0.425818	0.692023	-1.44504	0.329056	0.633806	-1.57777	0.0289604	0.311732	-3.20789	0.0589652	0.380819	-2.62592	0.228414	0.564241	-1.77229	1.87041	6.07081	2.88507	1
cg17315639	MRPS28	0.195136	0.0273614	0.59649	-1.67647	0.459652	1.1607	1.1607	0.693652	1.08152	1.08152	0.404051	0.844504	-1.18413	0.308077	0.811533	-1.23224	0.418126	0.848934	-1.17795	0.0637787	1.51055	1.51055	0.688223	0.92326	-1.08312	0.73207	0.934235	-1.07039	1.87039	1.16065	0.551588	1
cg25752272	DAK	0.195138	0.158206	0.628525	-1.59103	0.773177	1.09303	1.09303	0.280951	0.708249	-1.41193	0.0216435	0.427918	-2.3369	0.0508936	0.504284	-1.98301	0.519075	0.817746	-1.22287	0.536053	1.21275	1.21275	0.729448	0.898638	-1.1128	0.230952	0.67922	-1.47228	1.87038	2.80687	1.33395	1
cg00399059	LYNX1;LYNX1;LYNX1;LYNX1	0.195141	0.995969	1.00348	1.00348	0.016071	7.58658	7.58658	0.0293492	5.84293	5.84293	0.707443	1.29603	1.29603	0.567629	0.672104	-1.48787	0.460544	1.67657	1.67657	0.839033	0.869451	-1.15015	0.807461	1.18286	1.18286	0.617962	1.41317	1.41317	1.87037	14.0135	6.65989	1
cg23204680	ATXN1;ATXN1	0.195149	0.129184	0.441352	-2.26577	0.0491655	0.326215	-3.06546	0.128149	0.440219	-2.2716	0.598824	0.767333	-1.30321	0.0795335	0.378757	-2.64022	0.58624	0.760201	-1.31544	0.0477964	0.323374	-3.0924	0.544809	1.35764	1.35764	0.721905	0.836708	-1.19516	1.87033	7.37174	3.50348	1
cg23163531	OCA2	0.19515	0.795794	0.846491	-1.18135	0.215813	2.30965	2.30965	0.0220909	5.83401	5.83401	0.741639	1.23689	1.23689	0.917083	1.06921	1.06921	0.422037	1.6939	1.6939	0.211024	0.428772	-2.33224	0.0921884	3.29074	3.29074	0.55811	0.683453	-1.46316	1.87032	12.2319	5.81334	1
cg06893977	DDR1;DDR1	0.19515	0.62159	0.827392	-1.20862	0.0049865	0.242847	-4.11782	0.481654	0.761574	-1.31307	0.495791	0.768451	-1.30132	0.864255	0.936914	-1.06733	0.71968	1.14711	1.14711	0.82371	1.08869	1.08869	0.999117	1.00042	1.00042	0.641071	1.19579	1.19579	1.87032	4.29598	2.04171	1
cg22804786	PPIL1	0.195151	0.034312	0.706932	-1.41456	0.567652	0.922062	-1.08453	0.534105	0.915348	-1.09248	0.0719061	0.754112	-1.32606	0.543328	1.09026	1.09026	0.23322	0.838976	-1.19193	0.320501	0.865727	-1.1551	0.167238	0.813175	-1.22975	0.251711	1.18317	1.18317	1.87032	0.584464	0.277772	1
cg05229649	LZTS2	0.195153	0.142222	1.70658	1.70658	0.0231322	2.5093	2.5093	0.363738	1.37193	1.37193	0.100591	1.83921	1.83921	0.591609	1.20139	1.20139	0.285198	1.45654	1.45654	0.0338108	2.31537	2.31537	0.423605	1.319	1.319	0.210262	1.56404	1.56404	1.87031	3.39971	1.61576	1
cg01003803	FGF20;FGF20	0.195155	0.891057	1.05966	1.05966	0.202513	1.76644	1.76644	0.419819	1.41701	1.41701	0.139107	1.96052	1.96052	0.968283	1.01696	1.01696	0.798884	0.897658	-1.11401	0.878437	1.06686	1.06686	0.00980445	3.9777	3.9777	0.12968	1.99827	1.99827	1.8703	5.2969	2.51743	1
cg07658503	CRHR2	0.195156	0.91665	1.01396	1.01396	0.3437	0.878828	-1.13788	0.19514	0.834056	-1.19896	0.700344	1.05254	1.05254	0.094886	0.784233	-1.27513	0.240358	1.17678	1.17678	0.394091	0.890838	-1.12254	0.452093	0.903532	-1.10677	0.0214891	0.693676	-1.4416	1.87029	0.519418	0.246863	1
cg08035281	TARBP2;TARBP2;TARBP2	0.195157	0.884423	0.902459	-1.10808	0.302077	2.12626	2.12626	0.426285	1.77392	1.77392	0.176001	0.362345	-2.7598	0.0151682	0.121865	-8.20583	0.46628	0.592668	-1.68729	0.157373	0.344079	-2.90631	0.777369	0.818717	-1.22142	0.506566	0.621576	-1.60881	1.87029	14.7473	7.00891	1
cg13819485	CCDC84	0.195157	0.189867	0.793705	-1.25991	0.435955	1.14139	1.14139	0.427584	1.14428	1.14428	0.597527	0.915162	-1.0927	0.0205715	0.628659	-1.59069	0.448704	0.879445	-1.13708	0.324296	0.84419	-1.18457	0.180762	1.26676	1.26676	0.763935	0.951119	-1.05139	1.87029	0.820123	0.389779	1
cg05224124	PPP2R3C	0.195158	0.191829	0.441162	-2.26674	0.148254	0.399109	-2.50558	0.236022	0.479283	-2.08645	0.347422	0.563824	-1.7736	0.125498	0.374542	-2.66993	0.0675737	0.297336	-3.3632	0.170558	0.421317	-2.37351	0.942874	0.958443	-1.04336	0.0189697	0.1859	-5.37925	1.87028	10.3908	4.93846	1
cg21313137	SNX21;SNX21;SNX21;SNX21	0.195161	0.372795	1.12818	1.12818	0.861749	1.02324	1.02324	0.602561	1.0717	1.0717	0.726549	1.04737	1.04737	0.474903	0.908664	-1.10052	0.881561	1.01985	1.01985	0.0117053	0.660219	-1.51465	0.104315	0.791319	-1.26371	0.625237	0.937174	-1.06704	1.87027	0.514654	0.244601	1
cg18363538	MYO5C;MYO5C	0.195164	0.183523	0.363848	-2.7484	0.181053	0.361518	-2.76612	0.227998	0.403882	-2.47597	0.163208	0.34427	-2.90469	0.0132094	0.110706	-9.03296	0.398102	0.538002	-1.85873	0.223622	0.400083	-2.49948	0.0860518	0.256904	-3.89251	0.969252	0.972761	-1.028	1.87025	15.2059	7.22701	1
cg05003791	SYNGR1;SYNGR1	0.195167	0.22385	0.722688	-1.38372	0.0733988	1.66091	1.66091	0.446225	1.21815	1.21815	0.0792438	0.609448	-1.64083	0.855986	1.04725	1.04725	0.880183	1.03908	1.03908	0.884316	1.0377	1.0377	0.0758446	1.65229	1.65229	0.561888	0.861523	-1.16074	1.87024	1.9133	0.909354	1
cg26663686	LY6H;LY6H;LY6H	0.195167	0.723115	0.951408	-1.05107	0.0390836	1.39708	1.39708	0.456472	1.11204	1.11204	0.69155	1.05743	1.05743	0.47025	1.10833	1.10833	0.0499956	1.36748	1.36748	0.126815	0.79355	-1.26016	0.899281	1.01789	1.01789	0.580265	0.924768	-1.08135	1.87024	0.580761	0.276025	1
cg20490811	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF 7	0.195172	0.383094	0.833853	-1.19925	0.316762	1.23399	1.23399	0.0127447	1.87517	1.87517	0.915263	1.02186	1.02186	0.430847	1.17743	1.17743	0.290648	1.24954	1.24954	0.353262	0.823631	-1.21414	0.716513	0.928595	-1.0769	0.503534	0.87118	-1.14787	1.87022	1.22237	0.580975	1
cg27076046	DNMT3L;DNMT3L	0.195174	0.513291	1.14086	1.14086	0.136938	0.727262	-1.37502	0.172999	1.33408	1.33408	0.239961	1.27708	1.27708	0.531029	0.881494	-1.13444	0.44614	1.16692	1.16692	0.684371	1.08463	1.08463	0.598463	1.11141	1.11141	0.0197914	1.74956	1.74956	1.87021	1.17038	0.556268	1
cg04011897	HDAC4	0.195176	0.619276	1.2969	1.2969	0.0200227	4.29176	4.29176	0.0200904	4.28701	4.28701	0.992057	1.00518	1.00518	0.655729	0.79224	-1.26224	0.914239	1.0575	1.0575	0.671895	1.24747	1.24747	0.644852	1.27238	1.27238	0.906604	0.940902	-1.06281	1.87019	7.97894	3.79233	1
cg10881162	ERC2	0.195179	0.45625	0.644945	-1.55052	0.321406	1.80784	1.80784	0.51037	0.67981	-1.471	0.214703	0.470023	-2.12756	0.038982	0.251261	-3.97993	0.533052	1.44042	1.44042	0.0836502	0.330665	-3.02421	0.419851	1.61026	1.61026	0.185169	0.443878	-2.25287	1.87018	9.89589	4.70348	1
cg18979623	ZBTB46	0.195182	0.531063	0.725704	-1.37797	0.132454	0.440273	-2.27132	0.0159294	0.225026	-4.44394	0.398018	0.645806	-1.54845	0.430362	0.66583	-1.50188	0.158949	0.467318	-2.13987	0.464954	1.45612	1.45612	0.624464	1.28313	1.28313	0.169791	0.477627	-2.09368	1.87016	7.5625	3.59446	1
cg11227559	FAM173B;CCT5	0.195184	0.0898553	0.707697	-1.41303	0.168252	0.762218	-1.31196	0.673885	1.08141	1.08141	0.131459	0.739993	-1.35136	0.648805	1.08849	1.08849	0.0555734	0.669537	-1.49357	0.525437	0.88782	-1.12635	0.740446	1.0634	1.0634	0.201579	1.28323	1.28323	1.87015	1.01282	0.481396	1
cg27548270	LOC653113	0.195187	0.862322	0.926852	-1.07892	0.144827	1.98437	1.98437	0.0261416	3.17348	3.17348	0.980855	0.989554	-1.01056	0.370422	1.49557	1.49557	0.521531	0.752525	-1.32886	0.245449	0.587641	-1.70172	0.19689	0.550431	-1.81676	0.486534	1.36261	1.36261	1.87014	5.67233	2.69609	1
cg23920079	C20orf26;C20orf26	0.195187	0.21855	0.50113	-1.99549	0.537565	0.716586	-1.39551	0.709188	1.2214	1.2214	0.505094	0.696944	-1.43484	0.00966347	0.174095	-5.74398	0.103621	0.386661	-2.58624	0.148203	0.436901	-2.28885	0.362217	0.606546	-1.64868	0.58599	0.745568	-1.34126	1.87014	8.44161	4.01235	1
cg11806084	SLC22A7;SLC22A7	0.195187	0.125773	0.62465	-1.6009	?	?	?	0.898752	1.03682	1.03682	0.994668	1.0019	1.0019	0.796059	0.929075	-1.07634	0.075845	0.570518	-1.75279	0.630334	1.14767	1.14767	0.018861	0.445779	-2.24326	0.689764	0.892286	-1.12072	1.88053	2.13587	1.13578	1
cg09459280	SHCBP1	0.195189	0.0528627	4.75483	4.75483	0.816786	0.848373	-1.17873	0.258003	2.30785	2.30785	0.0981791	3.61563	3.61563	0.3105	2.10336	2.10336	0.2001	2.60917	2.60917	0.0657279	4.31985	4.31985	0.0435082	5.18019	5.18019	0.274203	2.23931	2.23931	1.87013	14.8699	7.06779	1
cg16365973	KIAA2013	0.195189	0.374717	1.1633	1.1633	0.279081	1.20543	1.20543	0.901194	1.02083	1.02083	0.143172	1.29851	1.29851	0.30399	1.19333	1.19333	0.297339	0.835795	-1.19647	0.100435	1.3482	1.3482	0.104275	1.3429	1.3429	0.0322705	1.51628	1.51628	1.87013	0.816372	0.388029	1
cg21798731	TPRA1;TPRA1;TPRA1	0.195193	0.548091	1.40468	1.40468	0.575398	0.728767	-1.37218	0.971608	0.980298	-1.0201	0.161973	2.30454	2.30454	0.054295	0.294927	-3.39067	0.0821955	0.340756	-2.93466	0.0805826	0.338401	-2.95508	0.916676	0.943168	-1.06026	0.394125	0.613842	-1.62908	1.87011	9.25868	4.40079	1
cg21526343	TP53TG1;CROT;CROT;CROT	0.195196	0.399177	1.29612	1.29612	0.194608	0.662111	-1.51032	0.515776	1.21898	1.21898	0.781968	1.08694	1.08694	0.887764	0.958452	-1.04335	0.330359	0.739458	-1.35234	0.0225957	2.27163	2.27163	0.226213	1.46501	1.46501	0.158977	1.57206	1.57206	1.87009	2.67459	1.27128	1
cg06177297	CP	0.195197	0.296414	0.501561	-1.99377	0.0270821	0.18866	-5.30054	0.0658483	0.268347	-3.72652	0.958664	1.03359	1.03359	0.0505426	0.24165	-4.13821	0.123733	0.345565	-2.89381	0.412916	0.586532	-1.70494	0.783437	0.838957	-1.19196	0.299986	0.504303	-1.98294	1.87009	12.0316	5.71884	1
cg02292872	CBX7	0.195198	0.0294743	0.377126	-2.65163	0.773004	1.11629	1.11629	0.167528	0.571454	-1.74992	0.852162	0.9315	-1.07354	0.0352106	0.39337	-2.54214	0.910662	1.04362	1.04362	0.869529	0.939388	-1.06452	0.357527	1.4332	1.4332	0.445171	0.743762	-1.34452	1.87009	4.28491	2.0367	1
cg04631728	PELP1	0.1952	0.595211	0.831676	-1.20239	0.0210702	2.59511	2.59511	0.685486	0.869406	-1.15021	0.452198	0.76855	-1.30115	0.971944	1.01216	1.01216	0.49845	0.789618	-1.26644	0.22358	0.64435	-1.55195	0.132255	0.572143	-1.74782	0.239946	0.655126	-1.52642	1.87007	3.49911	1.66321	1
cg23675433	GLRX3	0.195201	0.175831	0.891865	-1.12125	0.0465032	1.19876	1.19876	0.410268	0.935242	-1.06924	0.840565	0.984113	-1.01614	0.0909153	0.862372	-1.15959	0.731762	0.973013	-1.02774	0.328602	0.922959	-1.08347	0.38101	1.07406	1.07406	0.22904	0.904511	-1.10557	1.87007	0.187228	0.0889937	1
cg26054167	COL20A1	0.195205	0.199579	1.28695	1.28695	0.209526	0.781768	-1.27915	0.400433	0.851958	-1.17377	0.194167	1.29136	1.29136	0.0635241	1.47456	1.47456	0.0823294	1.43081	1.43081	0.201755	1.28521	1.28521	0.593637	1.10545	1.10545	0.857909	0.967191	-1.03392	1.87005	1.02624	0.487804	1
cg05450916	TGFBR2;TGFBR2	0.19521	0.495759	0.779529	-1.28283	0.743301	0.888398	-1.12562	0.458701	1.31219	1.31219	0.0934651	0.514603	-1.94325	0.318466	0.68984	-1.44961	0.392851	1.37054	1.37054	0.02321	2.65687	2.65687	0.601941	1.20866	1.20866	0.645128	0.846206	-1.18174	1.87003	3.84053	1.82554	1
cg13524819	RILPL2;RILPL2	0.195213	0.123309	0.661154	-1.51251	0.553193	0.861842	-1.16031	0.0315608	0.535316	-1.86806	0.0488915	0.572673	-1.7462	0.293318	0.763226	-1.31023	0.522653	1.1742	1.1742	0.938782	1.01922	1.01922	0.468976	1.20035	1.20035	0.980102	0.993838	-1.0062	1.87001	1.81954	0.864899	1
cg15348869	SRRM4	0.195216	0.976365	1.00939	1.00939	0.543413	0.823605	-1.21417	0.769154	1.0973	1.0973	0.971314	0.988718	-1.01141	0.109238	0.576353	-1.73505	0.0426165	2.08862	2.08862	0.0465112	0.487059	-2.05314	0.812147	1.07801	1.07801	0.727673	1.11661	1.11661	1.87	2.94835	1.40148	1
cg27647054	FBXL16	0.195217	0.273732	0.590425	-1.69369	0.766824	1.14748	1.14748	0.271401	1.6984	1.6984	0.958581	0.97626	-1.02432	0.149439	0.489165	-2.0443	0.74148	0.858	-1.1655	0.0198732	0.27237	-3.67148	0.11849	0.456559	-2.1903	0.304436	0.611393	-1.63561	1.86999	6.33839	3.01292	1
cg07687029	COQ5	0.195218	0.784362	1.05283	1.05283	0.0927714	0.706707	-1.41501	0.0765193	0.690878	-1.44743	0.930151	1.01659	1.01659	0.307985	0.820331	-1.21902	0.287455	1.23034	1.23034	0.0636883	0.676202	-1.47885	0.74392	1.06345	1.06345	0.134017	0.738383	-1.35431	1.86998	1.04323	0.495894	1
cg01517025	CCNE2	0.195219	0.288909	0.850887	-1.17524	0.588335	1.08345	1.08345	0.364624	1.14642	1.14642	0.699401	1.05856	1.05856	0.453842	0.89412	-1.11842	0.0364422	1.42855	1.42855	0.0672177	0.740184	-1.35102	0.329501	0.86277	-1.15906	0.894806	0.980783	-1.01959	1.86998	0.63718	0.302881	1
cg03353971	TMEM98;TMEM98	0.19522	0.412484	0.74288	-1.34611	0.0269726	0.394903	-2.53227	0.11604	0.545588	-1.83289	0.728638	1.1315	1.1315	0.192757	0.613256	-1.63064	0.346646	0.709093	-1.41025	0.169248	0.594833	-1.68114	0.067715	0.483864	-2.0667	0.633812	1.18558	1.18558	1.86997	3.72651	1.77139	1
cg17889402	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NED D4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	0.195221	0.915492	0.945735	-1.05738	0.0343654	3.65938	3.65938	0.0646332	2.97713	2.97713	0.869032	0.916915	-1.09061	0.699098	0.815331	-1.2265	0.152832	0.447185	-2.23621	0.922916	1.05219	1.05219	0.26006	0.539288	-1.8543	0.900885	1.06768	1.06768	1.86997	8.18246	3.88952	1
cg10452531	LTBR	0.195222	0.0446403	4.09234	4.09234	0.153503	2.54486	2.54486	0.601347	1.38016	1.38016	0.35233	0.557114	-1.79497	0.169581	2.44563	2.44563	0.912966	0.935359	-1.06911	0.505322	1.51154	1.51154	0.116257	2.83847	2.83847	0.0563928	3.74498	3.74498	1.86996	11.0638	5.25918	1
cg17723122	SLC45A3	0.195223	0.325111	0.633124	-1.57947	0.0495465	0.364958	-2.74004	0.381156	0.667594	-1.49792	0.217849	1.79165	1.79165	0.125247	0.474042	-2.10952	0.627522	0.802554	-1.24602	0.819667	1.10818	1.10818	0.104989	2.21872	2.21872	0.708672	0.844643	-1.18393	1.86996	5.99305	2.84881	1
cg14395537	GOLGA3	0.195225	0.872018	0.915918	-1.0918	0.0464765	3.4636	3.4636	0.132204	2.42324	2.42324	0.409495	0.631586	-1.58332	0.0778563	0.34388	-2.90799	?	?	?	0.675196	0.794868	-1.25807	0.935938	0.957152	-1.04477	0.732692	0.829638	-1.20535	1.88034	7.85599	4.17796	1
cg05109791	GLIS3;GLIS3	0.195227	0.616076	1.09838	1.09838	0.419622	0.858077	-1.1654	0.400522	0.852373	-1.1732	0.847766	1.03632	1.03632	0.623566	1.09617	1.09617	0.684675	1.07873	1.07873	0.00766928	1.88904	1.88904	0.367812	1.18733	1.18733	0.599036	0.906213	-1.10349	1.86994	1.02036	0.485035	1
cg26704078	KCTD1	0.195228	0.256888	0.458535	-2.18086	0.421517	0.582138	-1.7178	0.325887	0.512534	-1.95109	0.206187	0.415358	-2.40756	0.0250143	0.172558	-5.79514	0.392935	0.561772	-1.78008	0.271097	0.470027	-2.12754	0.0165726	0.145383	-6.8784	0.413337	0.576339	-1.73509	1.86994	12.8583	6.11231	1
cg16808910	TRIM26	0.195242	0.534704	1.1306	1.1306	0.951754	0.988257	-1.01188	0.0119317	1.84503	1.84503	0.404987	0.84676	-1.18097	0.516253	1.13711	1.13711	0.194119	1.3076	1.3076	0.809795	1.0482	1.0482	0.50963	1.1395	1.1395	0.0805343	1.45996	1.45996	1.86987	1.12868	0.536547	1
cg18918116	SYT9	0.195244	0.526595	0.782221	-1.27841	0.166592	1.75873	1.75873	0.0686591	0.458337	-2.1818	0.587804	0.81099	-1.23306	0.0931465	0.493076	-2.02808	0.472323	1.32293	1.32293	0.210857	0.603695	-1.65647	0.558723	0.797422	-1.25404	0.0846258	0.481837	-2.07539	1.86986	4.33995	2.06312	1
cg03963049	C21orf58	0.195247	0.975093	0.978697	-1.02177	0.442725	1.71569	1.71569	0.726489	0.784883	-1.27407	0.0434118	4.96334	4.96334	0.177954	0.372581	-2.68398	0.499994	1.60356	1.60356	0.207414	2.50161	2.50161	0.0876896	3.66975	3.66975	0.117146	3.2347	3.2347	1.86984	14.0878	6.69711	1
cg13843964	GAPVD1	0.19525	0.65302	0.925321	-1.08071	0.440312	1.1445	1.1445	0.664249	0.927834	-1.07778	0.390676	1.16282	1.16282	0.362514	0.851703	-1.17412	0.286566	1.20901	1.20901	0.253793	0.815141	-1.22678	0.0340733	0.654286	-1.52838	0.119192	1.33646	1.33646	1.86983	0.871103	0.41411	1
cg03234806	TRIM26	0.195252	0.298032	1.38689	1.38689	0.491307	1.23607	1.23607	0.582931	1.18309	1.18309	0.266998	1.41994	1.41994	0.352207	0.748071	-1.33677	0.257189	0.698708	-1.43121	0.0388043	2.0655	2.0655	0.134319	1.63151	1.63151	0.10689	1.70518	1.70518	1.86982	2.72213	1.29407	1
cg14323173	SAMD9	0.195259	0.0806897	0.351733	-2.84307	0.895238	0.931403	-1.07365	0.895238	0.931403	-1.07365	0.0326204	0.259553	-3.85278	0.566034	0.731307	-1.36741	0.930885	0.954287	-1.0479	0.0231957	0.231336	-4.32272	0.412025	0.636082	-1.57212	0.865058	1.09609	1.09609	1.86978	8.61599	4.09601	1
cg26184474	KIF2A;KIF2A	0.195262	0.39914	0.516117	-1.93755	0.138325	0.294448	-3.39619	0.213452	0.366461	-2.7288	0.976019	0.97723	-1.0233	0.0450394	0.171644	-5.82601	0.52767	1.63284	1.63284	0.880921	1.12172	1.12172	0.0693447	4.74369	4.74369	0.816163	0.836571	-1.19536	1.86977	17.387	8.2658	1
cg16929775	TNK2;TNK2	0.195265	0.0902257	1.92462	1.92462	0.782678	0.907593	-1.10182	0.475479	0.775333	-1.28977	0.0369667	2.33859	2.33859	0.918362	1.03661	1.03661	0.984383	0.99316	-1.00689	0.267681	0.667047	-1.49914	0.147324	1.72504	1.72504	0.182555	1.64221	1.64221	1.86975	3.64137	1.73112	1
cg14056881	MREG	0.195265	0.854995	1.04792	1.04792	0.0486769	0.562034	-1.77925	0.236331	0.727949	-1.37372	0.103958	1.57606	1.57606	0.253438	1.3569	1.3569	0.299313	1.31687	1.31687	0.395644	1.24933	1.24933	0.696489	1.10551	1.10551	0.334815	0.775288	-1.28984	1.86975	1.93904	0.921829	1
cg02187214	FOXC2	0.195266	0.0366174	14.1216	14.1216	0.127821	6.01889	6.01889	0.790986	1.33588	1.33588	0.587971	0.55081	-1.81551	0.446931	0.429505	-2.32826	0.974027	1.03613	1.03613	0.169307	0.202635	-4.93498	0.39546	2.5826	2.5826	0.129899	5.95144	5.95144	1.86975	35.1974	16.733	1
cg01322165	TRIB2;TRIB2;TRIB2	0.195268	0.00820695	0.547683	-1.82587	0.820205	1.04136	1.04136	0.936488	0.985913	-1.01429	0.0964419	0.722584	-1.38392	0.906064	1.02124	1.02124	0.30355	0.827202	-1.20889	0.247837	0.806478	-1.23996	0.580186	0.905328	-1.10457	0.788866	0.953343	-1.04894	1.86974	0.938467	0.446155	1
cg16684817	C1orf38;C1orf38;C1orf38	0.195269	0.675674	0.743635	-1.34475	0.367465	0.521148	-1.91884	0.0566696	0.219001	-4.5662	0.605345	1.44333	1.44333	0.0658283	0.233844	-4.27635	0.538698	1.5499	1.5499	0.94103	1.05346	1.05346	0.0809905	3.90417	3.90417	0.739515	1.26479	1.26479	1.86973	14.6753	6.97675	1
cg21229044	FXN;FXN;FXN	0.19527	0.666265	0.903885	-1.10634	0.62916	0.892858	-1.12	0.964089	0.989569	-1.01054	0.0206643	1.91366	1.91366	0.534311	1.15786	1.15786	0.358286	1.24608	1.24608	0.0289142	1.82193	1.82193	0.838398	1.04871	1.04871	0.361223	1.24432	1.24432	1.86973	1.60619	0.763599	1
cg08494905	MDGA1	0.195272	0.0543444	0.572973	-1.74528	0.329374	1.29274	1.29274	0.259933	0.741003	-1.34952	0.0914218	0.622418	-1.60664	0.490889	0.836535	-1.19541	0.207608	1.40347	1.40347	0.874964	0.960628	-1.04099	0.494112	0.837679	-1.19378	0.252176	1.35678	1.35678	1.86972	1.9267	0.915978	1
cg19723563	PTHLH;PTHLH;PTHLH;PTHLH	0.195275	0.690656	0.924448	-1.08173	0.831243	1.0428	1.0428	0.966759	1.00822	1.00822	0.3252	0.819131	-1.22081	0.729025	1.07068	1.07068	0.473851	1.15379	1.15379	0.197814	1.30646	1.30646	0.012482	1.84121	1.84121	0.118268	1.39524	1.39524	1.8697	1.14207	0.542962	1
cg08585120	SERAC1;SERAC1;GTF2H5	0.195275	0.0385736	1.26597	1.26597	0.427979	0.923441	-1.08291	0.615278	1.05114	1.05114	0.058823	1.23373	1.23373	0.306075	0.900958	-1.10993	0.918216	0.989942	-1.01016	0.375312	1.09369	1.09369	0.149697	1.16418	1.16418	0.320768	1.10624	1.10624	1.8697	0.286842	0.13637	1
cg16512640	CXCL17	0.195276	0.271094	0.563209	-1.77554	0.0213469	0.250061	-3.99902	0.0369341	0.29695	-3.36757	0.454328	0.682573	-1.46504	0.0721701	0.365844	-2.73341	0.365641	0.627672	-1.59319	0.288203	0.57552	-1.73756	0.509147	0.714939	-1.39872	0.998358	0.998969	-1.00103	1.8697	7.43449	3.53449	1
cg19384531	TFAP2D	0.195277	0.900712	1.12027	1.12027	0.0289139	10.4192	10.4192	0.539296	1.76032	1.76032	0.667678	1.4814	1.4814	0.645369	0.655979	-1.52444	0.631424	1.55236	1.55236	0.53152	0.561773	-1.78008	0.0180435	13.6485	13.6485	0.85832	1.17654	1.17654	1.86969	24.5143	11.6546	1
cg08452525	C10orf18	0.195277	0.0311747	0.460272	-2.17263	0.701741	0.888634	-1.12532	0.234743	1.46544	1.46544	0.0675424	0.533421	-1.87469	0.802167	1.08007	1.08007	0.364173	0.751167	-1.33126	0.71804	1.11769	1.11769	0.540529	0.826867	-1.20938	0.292108	1.39849	1.39849	1.86969	2.78793	1.32544	1
cg11265839	ELK3	0.195279	0.281282	0.377102	-2.6518	0.669252	1.45388	1.45388	0.3724	2.22007	2.22007	0.67736	0.694616	-1.43964	0.0849396	0.190323	-5.25424	0.158756	0.26932	-3.71306	0.093902	0.201055	-4.97375	0.0435566	0.132509	-7.54665	0.221808	0.326829	-3.0597	1.86968	22.459	10.6775	1
cg24237397	OR2J2	0.195285	0.742444	1.14432	1.14432	0.581356	0.796383	-1.25568	0.0150501	0.294772	-3.39245	0.98281	1.00885	1.00885	0.0959664	0.473585	-2.11155	0.636079	1.21514	1.21514	0.700552	0.853872	-1.17114	0.14187	0.524331	-1.90719	0.16257	0.543642	-1.83945	1.86965	4.94874	2.35278	1
cg00113675	HLA-H	0.195287	0.403679	1.92799	1.92799	0.331751	0.46334	-2.15824	0.0585662	5.16349	5.16349	0.712573	1.32879	1.32879	0.0420842	6.04536	6.04536	0.574999	0.647124	-1.5453	0.212148	2.74463	2.74463	0.30143	0.439322	-2.27623	0.455199	1.79381	1.79381	1.86964	17.4763	8.30878	1
cg08450256	UFSP1	0.195287	0.851829	0.964047	-1.03729	0.591528	0.899356	-1.11191	0.0969625	0.699952	-1.42867	0.892947	1.02672	1.02672	0.0725072	1.48054	1.48054	0.840525	1.04024	1.04024	0.0319431	0.611268	-1.63594	0.870429	0.968539	-1.03248	0.332547	0.822221	-1.21622	1.86964	1.13545	0.539829	1
cg00970752	FHAD1	0.195289	0.212799	0.507542	-1.97028	0.0522494	0.319485	-3.13004	0.0309007	0.269864	-3.70557	0.705299	1.21697	1.21697	0.281238	0.560558	-1.78394	0.899697	0.936905	-1.06734	0.115259	0.412704	-2.42304	0.101392	0.395735	-2.52694	0.682807	0.808683	-1.23658	1.86963	7.90971	3.76055	1
cg14995727	EFR3A	0.195293	?	?	?	0.0505037	3.07953	3.07953	0.718167	1.19637	1.19637	0.101044	0.406397	-2.46065	0.637111	1.26513	1.26513	?	?	?	0.235604	1.85694	1.85694	0.583387	0.760158	-1.31552	0.266534	1.77877	1.77877	1.97118	5.80947	2.94721	1
cg09250304	STAG1	0.195293	0.538419	0.883681	-1.13163	0.0515928	1.55247	1.55247	0.57273	0.893019	-1.1198	0.334152	0.820576	-1.21866	0.694391	0.924601	-1.08155	0.0699428	0.668791	-1.49523	0.629722	1.10124	1.10124	0.611636	0.903344	-1.107	0.117995	1.40072	1.40072	1.86961	1.167	0.554837	1
cg04579040	AGK	0.195313	0.204573	0.814613	-1.22758	0.295062	1.18095	1.18095	0.450713	1.12492	1.12492	0.243501	0.829515	-1.20552	0.352765	0.863764	-1.15772	0.812068	1.03716	1.03716	0.41565	0.880353	-1.13591	0.335815	1.16417	1.16417	0.0290305	1.48311	1.48311	1.86951	0.694621	0.330268	1
cg00191903	MUM1L1	0.195316	0.147312	0.333868	-2.99519	0.051746	0.209762	-4.7673	0.472483	0.597176	-1.67455	0.254419	0.431902	-2.31534	0.0226482	0.14584	-6.85683	0.117505	0.301374	-3.31814	0.108927	0.291306	-3.43282	0.217515	0.400409	-2.49745	0.308718	0.475567	-2.10275	1.8695	14.7367	7.00686	1
cg14029580	KIAA1530	0.195319	0.514278	0.677902	-1.47514	0.238789	0.484225	-2.06515	0.223953	0.471917	-2.11902	0.675202	1.28109	1.28109	0.00645889	0.124727	-8.01748	0.632993	0.753685	-1.32681	0.857215	1.11167	1.11167	0.961193	1.02901	1.02901	0.970396	1.02205	1.02205	1.86949	10.23	4.86406	1
cg19219844	VPS8;VPS8	0.19532	0.118898	1.1627	1.1627	0.834479	1.01881	1.01881	0.885004	0.987194	-1.01297	0.882346	1.01328	1.01328	0.656738	1.04064	1.04064	0.502157	1.06254	1.06254	0.0850674	1.1848	1.1848	0.938291	0.993128	-1.00692	0.00984269	1.33719	1.33719	1.86948	0.234855	0.111667	1
cg00495896	C2orf78	0.195323	0.630521	1.34717	1.34717	0.0823443	0.306256	-3.26525	0.337751	0.544614	-1.83616	0.672644	0.770032	-1.29865	0.0184216	0.172346	-5.80227	0.98476	0.988324	-1.01181	0.236278	2.14492	2.14492	0.309384	0.523688	-1.90953	0.507237	0.661194	-1.51242	1.86946	11.195	5.32299	1
cg25624328	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.195325	0.0564083	1.68268	1.68268	0.238473	0.742722	-1.3464	0.332243	1.27248	1.27248	0.450967	1.20325	1.20325	0.257104	1.32966	1.32966	0.165103	1.42862	1.42862	0.498698	1.17992	1.17992	0.089123	1.5709	1.5709	0.258545	0.752775	-1.32842	1.86945	1.71824	0.816991	1
cg07611257	KLC2;KLC2;KLC2;KLC2	0.195327	0.218615	0.32145	-3.1109	0.279088	2.68328	2.68328	0.171546	3.58484	3.58484	0.758511	0.763018	-1.31058	0.747094	0.752924	-1.32815	0.107558	0.214289	-4.66658	0.24099	2.93471	2.93471	?	?	?	0.108161	4.65211	4.65211	1.87982	20.359	10.8303	1
cg01889773	GPC1	0.195328	0.76472	0.945096	-1.05809	0.915421	1.02019	1.02019	0.0544415	0.663286	-1.50765	0.0503424	1.5215	1.5215	0.710973	0.932372	-1.07253	0.216583	1.27714	1.27714	0.171186	0.76025	-1.31536	0.482355	0.8743	-1.14377	0.908248	1.02193	1.02193	1.86944	1.04795	0.498283	1
cg08467512	GPRC5A;GPRC5A	0.195332	0.0813244	0.764968	-1.30724	0.226879	0.838683	-1.19235	0.278216	0.855264	-1.16923	0.471899	0.903513	-1.10679	0.458666	1.1103	1.1103	0.178281	0.820111	-1.21935	0.0494203	0.732775	-1.36467	0.116466	0.789371	-1.26683	0.38045	1.13286	1.13286	1.86942	0.569244	0.270669	1
cg01449218	GRM3	0.195339	0.361552	0.845379	-1.1829	0.525093	1.12225	1.12225	0.019853	1.65469	1.65469	0.0767907	0.702949	-1.42258	0.633086	0.917471	-1.08995	0.635782	1.0892	1.0892	0.678511	0.928069	-1.07751	0.736413	1.06237	1.06237	0.496277	1.1317	1.1317	1.86938	0.949616	0.451541	1
cg00642306	PALM3	0.195339	0.107988	2.71965	2.71965	0.676431	0.789447	-1.26671	0.602749	0.743845	-1.34437	0.212286	2.10718	2.10718	0.587898	1.36121	1.36121	0.0676271	0.309448	-3.23156	0.476024	0.664362	-1.5052	0.311003	1.80946	1.80946	0.100491	2.79299	2.79299	1.95022	9.57774	3.81975	1
cg14975700	RALGAPA1;RALGAPA1	0.195343	0.84069	1.02222	1.02222	0.305776	0.890653	-1.12277	0.0573879	0.790782	-1.26457	0.207638	0.864935	-1.15616	0.0307514	0.757986	-1.31929	0.460511	0.921223	-1.08551	0.0781628	0.807577	-1.23827	0.333892	0.896873	-1.11498	0.0921646	0.816738	-1.22438	1.86937	0.353079	0.16789	1
cg23971868	COL9A1;COL9A1	0.195347	0.221124	0.780817	-1.28071	0.601803	0.903686	-1.10658	0.228626	1.27513	1.27513	0.752073	0.940857	-1.06286	0.395374	0.845829	-1.18227	0.129483	0.729714	-1.3704	0.0297723	1.63554	1.63554	0.471973	1.15112	1.15112	0.768956	0.944915	-1.0583	1.86935	1.09551	0.520924	1
cg25506726	RASGRF1;RASGRF1	0.19535	0.236934	1.82405	1.82405	0.918794	0.951736	-1.05071	0.738919	0.850231	-1.17615	0.180258	0.501457	-1.99419	0.165889	0.488337	-2.04777	0.135473	2.18257	2.18257	0.0702026	0.374629	-2.66931	0.208823	1.90153	1.90153	0.959988	0.975958	-1.02463	1.86933	6.96617	3.3125	1
cg12700039	TBC1D16	0.195354	0.717547	0.812667	-1.23052	0.0140055	0.176835	-5.655	0.0622787	0.301694	-3.31462	0.751229	1.19914	1.19914	0.359766	0.584116	-1.71199	0.186262	0.449268	-2.22584	0.339233	0.569801	-1.755	0.219914	0.478758	-2.08874	0.856827	1.10863	1.10863	1.86931	9.65308	4.5902	1
cg17132079	MXRA8	0.195354	0.470664	1.32452	1.32452	0.252266	1.58091	1.58091	0.697922	1.1611	1.1611	0.316412	1.48686	1.48686	0.955868	1.02142	1.02142	0.146462	1.81655	1.81655	0.011512	3.35483	3.35483	0.0519982	2.3318	2.3318	0.47962	1.31681	1.31681	1.86931	4.34212	2.06475	1
cg21886612	LASS4	0.195358	0.289354	0.838465	-1.19266	0.316204	1.18058	1.18058	0.627726	1.08143	1.08143	0.419768	0.876292	-1.14117	0.887428	1.02295	1.02295	0.833051	1.03439	1.03439	0.0244279	0.650802	-1.53657	0.0468154	0.694479	-1.43993	0.587307	0.915955	-1.09176	1.86929	0.759755	0.36128	1
cg15931921	DLL1	0.195363	0.163433	0.396891	-2.51958	0.0603145	0.26814	-3.72939	0.0191579	0.171857	-5.81879	0.363676	0.559903	-1.78602	0.105881	0.333757	-2.99619	0.21186	0.441715	-2.2639	0.899332	0.92438	-1.08181	0.962052	0.970872	-1.03	0.982317	1.01386	1.01386	1.86927	11.4277	5.43417	1
cg18785129	TROAP;TROAP	0.195363	0.759345	0.931818	-1.07317	0.146662	1.43051	1.43051	0.0903732	1.53553	1.53553	0.724123	1.08485	1.08485	0.548636	1.14968	1.14968	0.566947	1.14226	1.14226	0.0350872	0.568782	-1.75814	0.542157	1.15236	1.15236	0.185217	1.38113	1.38113	1.86926	1.56374	0.743604	1
cg23846114	PRRG3	0.195367	0.170444	2.4458	2.4458	0.595854	0.720408	-1.3881	0.441376	0.618184	-1.61764	0.193054	0.430033	-2.3254	0.114797	0.349708	-2.85953	0.393763	1.70776	1.70776	0.655608	1.31654	1.31654	0.0310875	0.212173	-4.71313	0.836877	0.881346	-1.13463	1.86924	11.1118	5.28405	1
cg13435464	CKS2	0.19537	0.041316	0.502241	-1.99107	0.315265	0.737973	-1.35506	0.63795	0.870496	-1.14877	0.0493645	0.51875	-1.92771	0.15444	0.640166	-1.56209	0.251369	0.704221	-1.42001	0.0294599	0.472225	-2.11764	0.303212	0.731943	-1.36623	0.546906	0.836623	-1.19528	1.86923	2.53481	1.20539	1
cg19485268	DNM2;DNM2;DNM2;MIR638;DNM2	0.195372	0.145222	1.43443	1.43443	0.317096	0.787787	-1.26938	0.0341895	1.76822	1.76822	0.153648	1.42238	1.42238	0.601469	1.12923	1.12923	0.14385	1.43646	1.43646	0.373037	0.809843	-1.23481	0.415554	1.21159	1.21159	0.280517	1.29526	1.29526	1.86922	1.57476	0.748861	1
cg08603678	EIF3E	0.195379	0.583335	0.505999	-1.97629	0.985195	0.97744	-1.02308	0.309351	3.64644	3.64644	0.526975	0.454631	-2.19959	0.218247	4.91662	4.91662	0.218461	4.91261	4.91261	0.466812	2.48582	2.48582	0.035721	20.1966	20.1966	0.0968297	0.106308	-9.40663	1.86919	44.7694	21.29	1
cg10908953	SORL1	0.19538	0.59698	1.17273	1.17273	0.0255176	2.2089	2.2089	0.120505	1.65343	1.65343	0.306738	1.37158	1.37158	0.85547	0.947012	-1.05595	0.915741	1.03211	1.03211	0.546853	1.19968	1.19968	0.0305429	2.13597	2.13597	0.683955	0.884964	-1.12999	1.86918	2.63952	1.25523	1
cg23966017	C10orf11	0.195381	0.102213	0.332447	-3.008	0.0132847	0.151196	-6.61393	0.0561016	0.263895	-3.78939	0.496473	0.653667	-1.52983	0.148876	0.385487	-2.59412	0.372029	0.568733	-1.7583	0.336794	0.543463	-1.84005	0.548225	0.687904	-1.45369	0.588343	0.714282	-1.40001	1.86917	11.224	5.33761	1
cg15995935	ACOXL	0.195384	0.0599972	0.187977	-5.31979	0.924906	0.928427	-1.07709	0.445235	0.541722	-1.84597	0.162177	0.308627	-3.24015	0.0736682	0.207891	-4.81021	0.16908	0.315336	-3.17122	0.286081	0.417826	-2.39334	0.0290746	0.13182	-7.58613	0.129145	0.274808	-3.6389	1.86916	18.3694	8.73564	1
cg10568796	PI4KA	0.195385	0.61173	0.930378	-1.07483	0.0791771	1.3162	1.3162	0.42919	1.1205	1.1205	0.0329167	1.4215	1.4215	0.0380984	1.40339	1.40339	0.319311	1.15614	1.15614	0.241447	1.18869	1.18869	0.912177	0.984567	-1.01567	0.649068	1.06672	1.06672	1.86916	0.588315	0.279777	1
cg04214370	SMYD3;SMYD3	0.195387	0.864749	1.10708	1.10708	0.917009	0.9397	-1.06417	0.946699	1.0407	1.0407	0.133144	0.380311	-2.62943	0.0253753	0.204794	-4.88296	0.758183	1.20233	1.20233	0.81075	1.1539	1.1539	0.0308755	0.22035	-4.53823	0.477344	0.649787	-1.53897	1.86915	10.5402	5.01249	1
cg06024796	DPYSL4	0.195391	0.616566	0.872636	-1.14595	0.844396	0.948352	-1.05446	0.449779	1.23101	1.23101	0.200376	0.694191	-1.44053	0.0186246	0.463125	-2.15925	0.0818625	0.594333	-1.68256	0.7282	0.910148	-1.09872	0.867673	0.955997	-1.04603	0.294931	1.34061	1.34061	1.86913	2.1558	1.02522	1
cg06706398	HERC1	0.195393	0.138015	1.24626	1.24626	0.0333377	0.709768	-1.40891	0.79668	0.965036	-1.03623	0.264202	0.851786	-1.174	0.104349	0.782913	-1.27728	0.418568	0.892314	-1.12068	0.494158	0.908732	-1.10043	0.532516	0.916544	-1.09106	0.120397	0.792778	-1.26139	1.86912	0.562475	0.267494	1
cg07960084	TMEM11;TMEM11;TMEM11	0.195403	0.714977	0.949592	-1.05308	0.515534	1.09744	1.09744	0.15224	1.24145	1.24145	0.0852109	1.30783	1.30783	0.0495398	1.37165	1.37165	0.0876733	1.30454	1.30454	0.674801	0.942226	-1.06132	0.072038	1.32734	1.32734	0.862712	1.02471	1.02471	1.86907	0.588732	0.279989	1
cg11143857	SYT2;SYT2	0.195406	0.130608	0.535787	-1.86641	0.0863345	0.484684	-2.0632	0.239424	0.624442	-1.60143	0.30986	1.49433	1.49433	0.0357606	0.393005	-2.5445	0.851863	0.931036	-1.07407	0.968519	0.985028	-1.0152	0.297075	0.661516	-1.51168	0.122268	0.527207	-1.89679	1.86905	4.32502	2.05691	1
cg06234584	AZI2;AZI2;AZI2	0.195407	0.798305	0.898297	-1.11322	0.671685	0.836471	-1.1955	0.10767	2.08618	2.08618	0.738629	1.15057	1.15057	0.0757623	0.436984	-2.28841	0.871628	0.934508	-1.07008	0.084508	0.449672	-2.22384	0.093437	0.461708	-2.16587	0.221592	0.583844	-1.71279	1.86905	5.19311	2.46976	1
cg11114853	DTYMK;DTYMK;DTYMK	0.195414	0.219274	0.680612	-1.46927	0.906856	1.03548	1.03548	0.172886	1.54033	1.54033	0.367223	0.758913	-1.31767	0.795528	0.925572	-1.08041	0.340542	1.33981	1.33981	0.251324	1.42896	1.42896	0.0330496	0.476013	-2.10078	0.292194	0.722179	-1.3847	1.86901	2.62566	1.24874	1
cg16604528	APCDD1L	0.195415	0.70412	0.937879	-1.06624	0.0183345	0.618078	-1.61792	0.0441013	0.677874	-1.4752	0.31192	0.838755	-1.19224	0.0515778	0.689044	-1.45129	0.69474	0.935855	-1.06854	0.489642	0.888725	-1.12521	0.454621	0.879833	-1.13658	0.587855	0.912127	-1.09634	1.86901	0.836353	0.397764	1
cg17982866	MCF2L;MCF2L	0.195418	0.896867	0.917359	-1.09009	0.0265748	5.74533	5.74533	0.0148491	7.33911	7.33911	0.885957	1.10016	1.10016	0.682719	0.760819	-1.31437	0.655154	1.34851	1.34851	0.573002	1.46056	1.46056	0.8408	1.14314	1.14314	0.759026	1.2271	1.2271	1.86899	13.0957	6.2283	1
cg00238570	MALL	0.195421	0.869035	1.0373	1.0373	0.346566	1.23999	1.23999	0.458514	1.18236	1.18236	0.270914	0.775405	-1.28965	0.746351	0.93051	-1.07468	0.0581743	1.60822	1.60822	0.0295286	1.76597	1.76597	0.453405	1.1847	1.1847	0.359217	0.811228	-1.2327	1.86898	1.45774	0.693303	1
cg16108864	PPFIA2	0.195421	0.703202	0.959584	-1.04212	0.0738109	1.23957	1.23957	0.0690781	1.24511	1.24511	0.939653	1.00819	1.00819	0.825431	1.02409	1.02409	0.261185	1.13461	1.13461	0.249227	0.87828	-1.13859	0.124928	0.836098	-1.19603	0.357391	1.10739	1.10739	1.86898	0.343802	0.163513	1
cg00459068	JAKMIP3	0.195422	0.952201	0.989892	-1.01021	0.667816	1.07591	1.07591	0.562995	0.905649	-1.10418	0.171105	0.781162	-1.28014	0.902228	1.02105	1.02105	0.690114	1.07028	1.07028	0.0158815	1.64967	1.64967	0.488211	1.12676	1.12676	0.162169	0.776523	-1.28779	1.86897	0.850151	0.404334	1
cg21618694	TMEM173	0.195422	0.10848	1.26623	1.26623	0.570951	0.925703	-1.08026	0.0693808	0.760435	-1.31504	0.628488	0.936382	-1.06794	0.397567	1.12387	1.12387	0.559892	1.08272	1.08272	0.0656727	1.32112	1.32112	0.653852	1.06274	1.06274	0.323492	0.871555	-1.14737	1.86897	0.537993	0.255871	1
cg00057791	VPS13D;SNORA59A;VPS13D;SNORA59B	0.195423	0.580945	0.880001	-1.13636	0.0574164	1.63682	1.63682	0.296339	1.2818	1.2818	0.709623	0.917815	-1.08954	0.301608	1.27811	1.27811	0.777007	1.06727	1.06727	0.0239757	1.85425	1.85425	0.681737	0.90979	-1.09915	0.395855	0.819255	-1.22062	1.86897	1.55605	0.740063	1
cg18067127	MRPL54	0.195426	0.990369	0.995941	-1.00408	0.0331754	0.432102	-2.31427	0.684023	0.8712	-1.14784	0.892982	0.955655	-1.0464	0.0213716	0.393799	-2.53936	0.911127	1.03834	1.03834	0.209498	0.640361	-1.56162	0.55057	1.2257	1.2257	0.291907	0.691768	-1.44557	1.86895	3.36125	1.59864	1
cg10406264	DIAPH3;DIAPH3	0.19543	0.368523	0.698542	-1.43155	0.200169	0.59117	-1.69156	0.0827098	0.47406	-2.10944	0.993563	1.00314	1.00314	0.0171768	0.323707	-3.08922	0.105404	0.503003	-1.98806	0.403216	0.717299	-1.39412	0.549035	1.26555	1.26555	0.431218	0.731948	-1.36622	1.86893	4.46588	2.12403	1
cg14350557	ASTN2;ASTN2;ASTN2;ASTN2	0.195433	0.527572	1.1798	1.1798	0.0506484	1.77769	1.77769	0.19173	1.42906	1.42906	0.147453	0.669295	-1.49411	0.311339	1.31073	1.31073	0.447526	1.22138	1.22138	0.123814	1.53813	1.53813	0.76193	1.08165	1.08165	0.242251	0.728942	-1.37185	1.86892	1.97527	0.939473	1
cg13473894	FRMD4A	0.195435	0.648911	0.916007	-1.0917	0.272275	1.24448	1.24448	0.104916	0.712362	-1.40378	0.883624	0.972355	-1.02843	0.212985	1.28536	1.28536	0.497034	0.876358	-1.14109	0.0289767	1.63683	1.63683	0.561058	1.11907	1.11907	0.312216	1.22152	1.22152	1.86891	1.08437	0.515748	1
cg04537602	CXCR5;CXCR5	0.195437	0.11094	0.360549	-2.77355	0.301913	0.533529	-1.87431	0.0594168	0.286521	-3.49015	0.131425	0.384189	-2.60288	0.243201	0.48805	-2.04897	0.185009	0.437909	-2.28358	0.11921	0.370364	-2.70005	0.0231722	0.202997	-4.92619	0.311539	0.540639	-1.84966	1.8689	10.2133	4.85767	1
cg26633120	MRPS9	0.195445	0.132517	0.706667	-1.41509	0.638993	1.10634	1.10634	0.474317	0.855871	-1.1684	0.35272	1.22696	1.22696	0.14065	0.712486	-1.40354	0.463066	1.17324	1.17324	0.0207341	0.551229	-1.81413	0.736987	1.07476	1.07476	0.92652	0.980463	-1.01993	1.86886	1.35414	0.644074	1
cg16808927	WDR90	0.195449	0.592356	1.57112	1.57112	0.300402	0.407786	-2.45227	0.167815	0.292636	-3.41721	0.438459	0.516536	-1.93597	0.119062	0.24314	-4.11286	0.0777187	5.14937	5.14937	0.0999014	0.221548	-4.5137	0.996918	0.996777	-1.00323	0.409754	2.02323	2.02323	1.86884	20.6817	9.83696	1
cg15653159	C4orf14	0.19545	0.0700796	0.505089	-1.97985	0.915251	0.964735	-1.03655	0.987012	1.00551	1.00551	0.251437	1.49797	1.49797	0.701483	0.878184	-1.13871	0.0413332	0.452176	-2.21153	0.138442	0.583932	-1.71253	0.267279	1.47666	1.47666	0.942921	1.02444	1.02444	1.86884	3.36679	1.60137	1
cg22089899	ALG3;ECE2;ALG3;ECE2;ALG3;ALG3	0.195452	0.922821	0.981862	-1.01847	0.250114	1.25486	1.25486	0.0769636	1.4499	1.4499	0.36563	1.19194	1.19194	0.0194792	1.7048	1.7048	0.39879	1.17725	1.17725	0.903768	0.977412	-1.02311	0.35955	0.836989	-1.19476	0.530071	0.886786	-1.12767	1.86883	1.05609	0.50232	1
cg08258788	TTC35;TTC35	0.195453	0.923463	1.01108	1.01108	0.0134739	1.42008	1.42008	0.684314	1.04798	1.04798	0.56051	1.06981	1.06981	0.700779	1.04526	1.04526	0.819733	0.974169	-1.02652	0.0661382	0.789529	-1.26658	0.581642	1.06588	1.06588	0.705252	1.04453	1.04453	1.86882	0.389055	0.185051	1
cg11409308	RHOA	0.195456	0.560044	1.11494	1.11494	0.332073	1.20291	1.20291	0.0165966	1.71624	1.71624	0.0965378	1.40053	1.40053	0.0568777	1.48863	1.48863	0.17095	1.30886	1.30886	0.886141	0.973895	-1.0268	0.531409	1.12417	1.12417	0.884017	1.02732	1.02732	1.86881	1.00882	0.47984	1
cg26738880	DPP6;DPP6;DPP6	0.195456	0.479489	0.848529	-1.17851	0.691962	0.913029	-1.09526	0.179483	0.721965	-1.38511	0.129199	0.687562	-1.45442	0.284327	1.28934	1.28934	0.695552	1.09402	1.09402	0.0815421	1.55443	1.55443	0.443425	1.19547	1.19547	0.0990812	0.661567	-1.51156	1.8688	1.5452	0.734969	1
cg14132167	BACH2;BACH2	0.195457	0.505494	1.47085	1.47085	0.0362561	4.0165	4.0165	0.0127035	5.86235	5.86235	0.584753	1.37044	1.37044	0.865261	0.90757	-1.10184	0.207886	2.13469	2.13469	0.832709	1.12839	1.12839	0.330324	1.77473	1.77473	0.57049	1.38738	1.38738	1.8688	9.65235	4.59112	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05241423	ZNF143	0.19547	0.220004	0.634484	-1.57638	0.931349	0.969426	-1.03154	0.378461	1.38493	1.38493	0.0846103	0.502881	-1.08854	0.496622	0.779778	-1.28242	0.564547	0.810675	-1.23354	0.853405	0.935513	-1.06893	0.0206709	0.405513	-2.49679	0.165693	1.70367	1.86874	3.84388	1.8284	1
cg05533462	C6orf165,C6orf165	0.19547	0.760462	0.842406	-1.18708	0.80715	1.14701	1.14701	0.314088	1.79115	1.79115	0.31652	0.559478	-1.78738	0.717565	0.81569	-1.22596	0.00669138	0.139064	-7.19095	0.891049	1.07989	1.07989	0.788093	0.860274	-1.16242	0.752728	1.19393	1.19393	9.30897	4.42794	1
cg04340421	C8orf41;C8orf41;C8orf41;C8orf41	0.195471	0.107484	1.77655	1.77655	0.324272	0.71676	-1.39517	0.170878	0.620634	-1.61125	0.0426575	0.46607	-2.1456	0.765781	1.10266	1.10266	0.653984	1.15904	1.15904	0.751743	1.1084	1.1084	0.75009	0.90074	-1.1102	0.115625	0.571487	-1.74982	1.86873	3.16726	1.50655	1
cg00978117	DENND1A;MIR601;DENND1A	0.195471	0.464867	1.2712	1.2712	0.104624	0.564284	-1.77224	0.158363	0.614791	-1.62657	0.277113	0.694437	-1.44001	0.0208	1.17454	1.17454	0.068328	1.93172	1.93172	0.204097	1.54091	1.54091	0.403041	0.758764	-1.31793	0.787974	0.916712	-1.09086	1.86872	3.08021	1.46515	1
cg06014631	CKLF;CKLF;CKLF;CKLF;CKLF	0.195474	0.75385	1.08566	1.08566	0.286657	1.13523	1.13523	0.576642	0.862969	-1.15879	0.643861	0.722536	1.06133	0.603132	0.675757	-1.47982	0.117748	0.641542	-1.55874	0.170478	0.682896	-1.46435	0.322812	1.30584	1.30584	0.0460188	0.550202	-1.81751	1.86871	2.02067	0.961169	1
cg00028191	MRPL28	0.195475	0.313218	0.614782	-1.62659	0.849785	0.915369	-1.09246	0.0461359	0.29287	2.90287	0.178102	0.94908	1.04908	0.470635	1.40817	1.40817	0.874091	1.07677	1.07677	0.0607645	0.388361	-2.57492	0.995234	1.50094	1.50094	0.479312	0.715047	-1.39851	1.86871	6.43771	3.06222	1
cg14203758	ASF1B;ASF1B	0.195476	0.772532	0.971118	-1.02974	0.325947	0.902529	-1.108	0.0112895	1.37831	1.37831	0.538086	1.06507	1.06507	0.733153	0.965989	-1.03521	0.965378	1.0044	1.0044	0.179033	0.865595	-1.15527	0.436383	1.08351	1.08351	0.863671	1.01753	1.01753	1.8687	1.00259	0.143938	1
cg25457380	ONECUT2	0.19547	0.17591	0.84295	0.442359	0.0915402	0.15068	0.95068	0.206375	1.17919	1.17919	0.761057	0.63916	-1.55455	0.772633	0.653628	-1.52981	0.710978	1.72602	1.72602	0.0222612	0.242752	4.12042	0.0222612	0.242752	4.12042	0.109655	7.42262	7.42262	1.95983	58.0886	25.9479	1
cg19243656	RAB11FIP5;RAB11FIP5	0.195479	0.126315	0.69534	-1.43803	0.147075	0.677395	-1.47624	0.429394	0.835763	-1.19651	0.0148259	0.157596	-2.50276	0.707826	0.802215	-1.24607	0.804647	0.947499	-1.05541	0.537131	1.14716	1.14716	0.596475	1.12456	1.12456	0.803893	1.05618	1.86869	1.4284	0.679455	1
cg04691425	SNRPF	0.195483	0.211084	1.3405	1.3405	0.280063	0.779008	-1.28368	0.604199	1.12334	1.12334	0.158319	1.39852	1.39852	0.0261934	1.79791	1.79791	0.120291	1.45468	1.45468	0.792553	0.943065	-1.06037	0.401152	1.21061	1.21061	0.52439	0.866339	-1.15428	1.86867	1.46392	0.696355	1
cg22706610	PDE4D;PDE4D	0.195489	0.931409	1.0206	1.0206	0.0272871	1.12337	1.12337	0.178284	1.14863	1.14863	0.148633	1.48053	1.48053	0.140101	1.45599	1.45599	0.0906183	1.74385	1.74385	0.0558	0.746565	1.07985	1.07985	0.745813	0.92653	-1.07955	0.424119	1.21336	1.21336	1.86864	1.66099	0.790115	1
cg23135754	KLHL29	0.19549	0.373349	0.573156	-1.74472	0.574323	0.705588	-1.41726	0.18654	0.42299	-2.36412	0.45237	1.60066	1.60066	0.0106009	0.139083	-7.18993	0.361555	1.77943	1.77943	0.605367	1.3775	1.3775	0.778384	0.840833	-1.1893	0.789261	0.848233	1.86863	11.1738	5.31526	1
cg19696103	ZCCHC10	0.195491	0.466706	0.894597	-1.11792	0.293752	0.842381	-1.17885	0.148822	0.793236	1.26125	0.288067	0.85023	-1.17615	0.558377	1.09111	1.09111	0.0831995	0.793595	-1.33441	0.664894	0.75214	-1.32954	0.953308	0.869434	-1.15027	0.0215647	0.660263	-1.51455	1.86863	0.669575	0.31851	1
cg13135031	ZSWIM2	0.195492	0.17344	0.794758	-1.25824	0.146708	1.28023	1.28023	0.112581	1.03848	1.03848	0.332536	0.853384	-1.17181	0.478818	1.12097	1.12097	0.66425	0.933079	-1.07172	0.10438	0.676107	-1.47906	0.645376	1.07626	1.07626	0.216784	1.22801	1.22801	1.86863	0.744453	0.33413	1
cg27288424	ABCD2	0.195495	0.0812138	1.97328	1.97328	0.415893	1.33465	1.33465	0.0302391	2.47064	2.47066	0.100551	1.88005	1.88005	7	7	?	0.224183	1.56073	1.56073	0.829684	0.92816	-1.0774	0.480943	1.46618	1.46618	0.108317	1.84852	1.84852	1.95873	3.23163	1.44363	1
cg27025387	ANKRD11	0.195503	0.5962	0.703249	-1.09379	0.72007	1.06219	1.06219	0.175065	1.27353	1.27353	0.18558	1.19655	1.19655	0.554411	1.10516	1.10516	0.627709	1.08538	1.08538	0.937095	0.667377	-1.4984	0.175943	1.27282	1.27282	0.108017	1.34176	1.34176	1.86857	0.831767	0.395675	1
cg12726700	CUL3	0.1955	0.756509	0.95678	-1.04517	0.0243885	0.683153	-1.4638	0.3038	1.16333	1.16333	0.567566	1.08554	1.08554	0.796219	0.10745	1.03745	0.781648	0.9613	-1.04026	0.125046	0.788891	-1.266	0.180493	0.817088	-1.22386	0.136562	0.796258	-1.25587	1.86859	0.597157	0.284068	1
cg00336669	FGF23	0.195501	0.249597	0.793392	-1.26094	0.216868	0.77891	-1.28384	0.666181	1.08706	1.08706	0.24783	0.792644	-1.2616	0.509599	1.13734	1.13734	0.208345	1.29062	1.29062	0.0497836	0.562	1.562	0.174042	1.32067	1.32067	0.614468	1.10262	1.10262	1.86858	1.09482	0.528089	1
cg01898246	TTC8;TTC8;TTC8	0.195503	0.5962	0.703249	-1.09379	0.72007	1.06219	1.06219	0.175065	1.27353	1.27353	0.18558	1.19655	1.19655	0.554411	1.10516	1.10516	0.627709	1.08538	1.08538	0.937095	0.667377	-1.4984	0.175943	1.27282	1.27282	0.108017	1.34176	1.34176	1.86857	0.831767	0.395675	1
cg15617297	ANXA11;ANXA11;ANXA11	0.195503	0.431157	1.49521	1.49521	0.067303	0.352833	-2.8342	0.675071	1.23443	1.23443	0.418935	1.5122	1.5122	0.803955	0.883226	-1.13221	0.0181199	4.38225	4.38225	0.991892	0.994941	-1.00508	0.66894	1.23972	1.23972	0.75696	0.856406	-1.16767	1.94032	7.52872	3.00395	1
cg52308888	DTNBP1;DTNBP1;DTNBP1	0.195505	0.602153	0.887701	-1.12653	0.670023	0.961284	-1.04056	0.183783	0.734717	-1.36107	0.611962	1.12284	1.12284	0.25872	0.707303	-1.41403	0.0399218	2.58752	2.58752	-1.7159	0.618618	1.94045	1.94045	0.176503	-1.62181	0.665989	0.906325	1.41398	1.86856	1.51798	0.722112	1
cg00538642	C10orf36,C10orf36,C10orf36;C10orf36;C10orf36;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1040T vs. N)	Fold-Change(1 vs. 1040T)	p-value(1057 vs. N)	Fold-Change(1 vs. 1057)	p-value(1111T vs. N)	Fold-Change(1 vs. 1111T)	p-value(1127 vs. N)	Fold-Change(1 vs. 1127)	p-value(1217 vs. N)	Fold-Change(1 vs. 1217)	p-value(1247T vs. N)	Fold-Change(1 vs. 1247T)	p-value(1477 vs. N)	Fold-Change(1 vs. 1477)	p-value(1533T vs. N)	Fold-Change(1 vs. 1533T)	p-value(1537T vs. N)	Fold-Change(1 vs. 1537T)	p-value(1637 vs. N)	Fold-Change(1 vs. 1637)	T(Test)	S(Test)	SS(Error)	F(Error)
cg25779912	SHITC1		0.195787	0.276275	0.048994	-1.82185	0.224752	1.96486	0.166395	0.45767	-2.18498	0.732794	0.8340l01	-1.19004	0.524838	0.710824	-1.40682	0.1770l22	0.467644	-2.13838	0.251l02	0.5305	-1.88505	0.0234014	0.2382l7	-4.97786	0.140744	-2.31464	1.88717	8.29673	3.94976	1
cg13490726	BCL2L2		0.195789	0.48615	0.822191	-1.21626	0.717177	0.904255	-1.10588	0.0100142	0.40677	-2.45839	0.355977	0.7680l85	-1.30042	0.41523	0.794216	-1.2591	0.0326056	0.506025	-1.9975	0.636902	0.876736	-1.14059	0.65682	0.883629	-1.1317	0.415777	0.79444	-1.25875	1.86716	2.263S3	1.07759	1
cg23465749	ARI02		0.195794	0.774264	0.935809	-1.06859	0.707576	1.09084	1.09084	0.652818	1.11014	1.11014	0.325475	0.791144	-1.26399	0.0458324	0.589664	-1.69588	0.101846	0.661517	-1.51168	0.892026	1.03183	1.03183	0.299381	0.780223	-1.28168	0.0784702	1.5699	1.5699	1.86713	1.57449	0.74957	1
cg20322989	LRP1B;LRP1B		0.195796	0.0760878	1.51172	1.51172	0.393605	1.20072	1.20072	0.150066	1.38132	1.38132	0.178361	1.34902	1.34902	0.222608	1.76462	-1.30778	0.368824	1.23116	1.23116	0.335649	1.81232	-1.23104	0.102733	1.45321	1.45321	0.228836	1.30257	1.30257	1.86712	1.29617	0.617075	1
cg18660891	ZBTB20		0.195796	0.348212	1.29434	1.29434	0.0466616	1.83774	1.83774	0.0258447	2.02763	2.02763	0.843239	1.05428	1.05428	0.605785	1.14921	1.14921	0.352855	1.29096	1.29096	0.198125	0.695343	-1.43814	0.912066	1.02995	1.02995	0.817275	0.940045	-1.06378	1.86712	2.110S1	1.00467	1
cg20025971	MYO10		0.195798	0.310337	0.530489	-1.88505	0.167405	0.411173	-2.43207	0.0323263	0.220135	-4.54267	0.958008	0.565054	-1.77674	0.272779	0.501919	-1.99235	0.198245	0.439921	-2.27314	0.0114436	0.217066	-4.60689	0.234403	0.471142	-2.1225	0.0758001	0.303175	-3.29843	1.86711	10.7947	5.13434	1
cg03445093	ZIC2		0.195799	0.454037	0.787024	-1.27061	0.941854	1.02317	1.02317	0.21983	1.49953	1.49953	0.456092	0.787913	-1.26918	0.683178	1.13743	1.13743	0.370221	1.33504	1.33504	0.906352	0.9637l8	-1.03765	0.0125253	0.377049	-2.65218	0.279502	0.702534	-1.42342	1.8671	2.91609	1.38829	1
cg20704635	C5orf77		0.195813	0.846877	0.966127	-1.03505	0.569822	1.00577	1.00577	0.966529	1.24742	1.24742	0.325994	1.19814	1.19814	0.0198288	1.71994	1.71994	0.160704	0.765608	-1.30615	0.265402	1.22983	1.22983	0.816305	1.04235	1.04235	0.877546	0.972389	-1.02787	1.86708	0.939536	0.447298	1
cg14383096	FPDS;FPDS		0.195805	0.768185	1.12451	1.12451	0.957223	1.14252	1.14252	0.674323	1.1827	1.1827	0.364013	0.690487	-1.44825	0.0519628	1.23123	-1.42483	0.436546	0.729695	-1.37044	0.348748	0.735477	-1.35966	0.933304	0.967315	-1.03379	0.672763	0.847861	-1.17944	1.86708	4.61613	2.2191	1
cg19541444	RAB6A;RAB6A		0.195806	0.531269	0.839057	-1.19181	0.491762	1.21314	1.21314	0.524117	0.83642	-1.19557	0.490875	0.823969	-1.21364	0.154948	0.656274	-1.52375	0.533526	0.839887	-1.19064	0.0187795	2.19858	2.19858	0.22592	1.4217	1.4217	0.952362	1.01667	1.01667	1.86707	2.26395	1.07784	1
cg04746646	MARCH4;MARCH4		0.195808	0.402359	1.13945	1.13945	0.0178	1.5586	1.5586	0.0127567	1.45672	1.45672	0.0947603	1.51551	1.51551	0.0479252	1.76765	-1.13255	0.0940191	1.13255	1.13255	0.829554	1.04155	1.03155	0.311677	1.16279	1.16279	0.867056	0.814025	0.2923l1	1.86706	0.964025	0.2923l1	1
cg12619402	C7orf4		0.195811	0.422949	0.774776	-1.2907	0.715622	0.890682	-1.12274	0.272597	0.700462	-1.42763	0.28068	0.704967	-1.41851	0.112348	0.583362	-1.7142	0.293056	0.712537	-1.40344	0.0152988	0.395207	-2.53032	0.388005	0.31693	1.31693	0.339761	0.609325	-1.64116	1.86705	2.87433	1.36844	1
cg25336026	FZD1;FZD1		0.195815	0.848238	1.22767	1.22767	0.749853	0.710985	-1.4065	0.785554	0.91094	-1.10139	0.897779	0.871615	-1.14441	0.988108	0.88448	-1.01576	0.248656	1.7245	1.7245	0.0885102	0.0284773	-3.91045	0.539891	0.515461	-1.94003	0.13126	0.53435	0.53435	1.86705	32.5681	15.5055	1
cg21460364	DPP4		0.195811	0.0352724	0.424514	-2.35364	0.204237	0.626132	-1.59711	0.0675802	0.488898	-2.04542	0.230636	0.644391	-1.55185	0.0587894	0.474308	2.1083	0.48836	0.781924	-1.2789	0.100265	0.532993	-1.8762	0.372747	0.726314	-1.37681	0.112065	0.547244	-1.82734	1.86704	3.61097	1.71916	1
cg00201445	C3orf59		0.195813	0.0134045	0.333016	-3.00286	0.104365	0.528634	-1.89167	0.41675	0.274201	-3.74716	0.476362	1.29695	1.29695	0.160327	2.71455	-1.40163	0.913938	1.03958	1.03958	0.112615	0.537866	-1.8592	0.493438	0.779013	-1.28367	0.80991	0.91711	-1.09038	1.86704	3.81228	1.81501	1
cg05320988	BAT1;BAT1		0.195813	0.688376	-1.45693	0.272985	0.533114	-1.57949	0.235051	1.64668	0.144048	1.64048	0.257106	1.64048	0.144048	0.257106	1.64048	-1.64048	0.154018	0.543324	-1.84052	0.0589188	0.426255	-2.34601	0.855933	1.07536	1.07536	0.132696	0.501582	-1.9597	1.86703	4.72528	2.24969	1
cg00149708	SBK2		0.195815	0.260753	0.739992	-1.35137	0.569633	1.15896	1.15896	0.0161195	0.469615	-2.1294	0.992044	0.997444	-1.00256	0.607487	1.14226	1.14226	0.399247	1.248	1.248	0.16514	1.47622	1.47622	0.810144	1.06374	1.06374	0.502528	1.19089	1.19089	1.86703	1.94875	0.927799	1
cg16601893	ZNF738		0.195815	0.267463	0.529791	-1.90916	0.853226	0.905523	-1.10923	0.463792	0.15514	1.51514	0.127477	0.3975	-2.51572	0.274907	0.527182	-1.89688	0.941413	0.95969	-1.042	0.816492	0.2020944	-4.94943	0.727081	0.821808	-1.2167	0.228601	0.228556	1.86703	9.26563	4.41136	1
cg07982522	FBXO42		0.195817	0.357668	0.801433	-1.24803	0.579	0.552022	0.92056	-1.0862	0.333207	1.8893	0.329597	1.33006	1.33006	0.477388	2.09273	-1.47755	0.0620884	0.774757	-1.29073	0.718365	0.959952	-1.04198	0.0721134	1.72616	1.72616	0.208322	1.17488	1.17488	1.86702	0.464841	0.207809	1
cg01074795	MED15;MED15		0.195819	0.915964	0.966313	-1.03486	0.267132	1.45547	1.45547	0.726593	1.12072	1.12072	0.16762	1.61205	1.61205	0.0542388	0.492028	-2.0324	0.203065	1.54686	1.54686	0.476891	1.26467	1.26467	0.187365	0.635303	-1.57405	0.239087	0.670139	-1.49223	1.86701	3.11662	1.48383	1
cg07738303	SPYL1		0.195821	0.255003	0.497718	-1.59307	0.854887	0.917209	-1.12771	0.460403	0.25643	-3.96493	0.12467	0.59355	-1.68555	0.131393	0.533157	-1.87645	0.979658	1.00958	1.00958	0.934805	0.696649	-1.43544	0.0881884	2.00829	2.00829	0.128019	1.94757	1.867	1.86701	4.13848	1.97036	1
cg07999732	ZNF775		0.195823	0.748798	0.828001	-1.20773	0.0105023	0.150809	-6.6309	0.0532522	0.275265	-3.63287	0.840162	1.12596	1.12596	0.486047	0.598801	-1.51561	0.517953	0.680419	-1.46968	0.460566	0.643173	-1.55479	0.381943	0.590507	-1.69346	0.650486	1.30729	1.86699	10.2045	4.85844	1
cg08022819	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2		0.195827	0.452282	0.854154	-1.1706	0.552444	0.745126	1.34206	0.0232162	0.965161	1.03602	0.332602	1.03059	1.03059	0.0276432	1.35381	1.35381	0.184133	1.23202	1.23202	0.106059	0.810976	0.247507	-4.04083	0.0346648	1.449654	2.22393	0.747533	0.9009	-1.11	0.256593	1.46613	1.46613	0.140499	1.6692	1.6692	1.86696	3.0873	1.46991	1
cg04079171	PDIA5;PDIA5		0.195829	0.301963	0.707831	-1.41277	0.585036	0.836797	-1.19503	0.984828	0.993874	-1.00616	0.239251	1.48919	1.48919	0.306252	1.40816	1.40816	0.0720308	1.98212	1.98212	0.89589	1.04567	1.04567	0.695716	0.874523	-1.14348	0.961899	0.983837	-1.01643	1.86694	3.44051	1.63809	1
cg05983045	TTC21L		0.195833	0.0888822	1.22766	1.22766	0.0848265	1.76544	1.76544	0.24373	2.31755	2.31755	0.207756	2.31755	2.31755	0.144844	0.654445	0.828723	1.20668	0.822758	1.21596	0.0259119	0.168151	1.50519	1.50519	1.50519	1.50519	0.0443297	0.985435	0.985435	1.86693	1.44641	0.446397	0.985435	1
cg06348245	MIR1256;CBARA1		0.195834	0.966357	0.986187	-1.01401	0.921533	1.03303	1.03303	0.0542942	0.486642	-2.0549	0.749886	0.899885	-1.11124	0.0537213	0.485586	-2.05937	0.96965	0.987531	-1.01263	0.198159	1.566	1.566	0.194977	1.57159	1.57159	0.263883	0.683911	-1.46218	1.86693	3.21585	1.53114	1
cg08970015	SLC22A23;SLC22A23		0.195834	0.669675	0.814808	-1.22739	0.910528	0.918698	-1.08858	0.446792	0.13768	-7.26191	0.0144307	0.3975	-2.51572	0.274907	0.527182	-1.89688	0.097533	0.412288	-2.42549	0.0187573	0.412288	-2.42549	0.0187573	1.66243	1.66243	0.688607	0.825235	-1.21178	1.86693	6.5748	3.32659	1
cg00042405	CCDC52		0.195839	0.0652428	1.39407	-2.53744	0.160848	0.848444	-1.17863	0.779076	0.848444	-1.17863	0.779076	0.836807	-1.19508	0.185821	-1.13488	0.70913	0.840608	-1.18962	0.637868	0.391615	2.55353	0.172311	0.520191	-1.92237	0.0378552	0.139178	0.629756	-2.69346	0.0157135	1.86693	0.294598	0.0157135	1
cg10829621	HES3		0.195841	0.358003	0.484574	-2.06367	0.321678	2.1948	2.1948	0.309887	2.24074	2.24074	0.0440098	5.91166	5.91166	0.326445	0.459378	-2.17686	0.194513	2.8684	2.8684	0.160325	3.16339	3.16339	0.102283	3.94679	3.94679	0.80984	0.831024	-1.20333	1.8669	17.4307	8.2993	1
cg03227481	SLC16A9		0.195845	0.166604	0.501221	-1.99509	0.184332	0.332	-3.0122	0.153564	0.148388	-6.73852	0.0148388	0.15329	0.139821	0.13078	-7.64602	-7.64602	0.975521	0.717449	1.0987	0.467549	1.2255	1.2255	0.882917	1.96027	1.96027	0.141387	1.96585	1.96585	1.86692	2.2374	1.06532	1
cg21783729	LPHN2		0.195845	0.80792	1.05208	1.05208	0.516217	1.14707	1.14707	0.21027	1.14292	1.14492	0.82898	1.03118	1.03118	0.485485	1.03049	1.03049	0.257381	1.27939	1.27939	0.660617	0.912015	-1.09647	0.0534013	1.57959	1.57959	0.0104189	1.9588	1.86685	1.28472	0.61171	1
cg23672472	SLC25A13;SLC25A13;SLC25A13		0.195852	0.0447684	1.45547	1.45547	0.0178	1.46457	1.46457	0.18808	0.0834557	1.34534	0.0107548	0.0894642	1.34534	0.0107548

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
10221485	EIF2P;GEMIN4	0.19615	0.231982	0.814416	0.228435	0.778654	0.32097	1.20297	0.647149	1.07854	0.33754	0.464908	0.885134	1.12977	0.452164	1.14962	0.14962	1.14962	0.405658	1.069731	-1.14978	0.07770941	0.57962	1.37962	0.00473722	0.739877	-1.35158	0.183407	1.26057	1.26057	1.86537	0.79512	0.378892	1
10158432	FAM150B	0.19615	0.708585	1.31119	1.33119	0.0105177	10.207	10.207	0.113098	3.47075	3.47075	3.603601	1.45937	1.45937	0.516033	1.60836	1.60836	1.60836	0.748021	1.26187	0.50773	0.615742	-1.62406	0.104604	3.59695	3.59695	0.664848	1.36963	1.36963	1.85367	15.3842	7.33092	1
	LOC283761;LOC283761;LOC283761;LOC283761;LO																																
20885615	C2837 61	0.19615	0.067661	0.167862	-5.95727	0.304604	0.395796	-2.52655	0.574839	0.610123	-1.63901	0.269525	0.366986	-2.7249	0.0783369	0.181786	-5.50097		0.183363	0.292093	-3.42357	0.0192254	0.0846496	-11.8134	0.336903	0.421825	-2.37065	0.120246	0.230079	-4.34634	1.86537	22.454	10.6998	1
10158733	BCL3	0.19615	0.431188	1.70604	1.70604	0.0192146	6.57579	6.57579	0.0914997	3.44022	3.44022	0.213154	2.39093	2.39093	0.56015	1.4795	1.4795		0.255874	2.2003	2.2003	0.0560151	4.21707	4.21707	0.115233	3.12269	3.12269	0.3003348	2.04126	2.04126	1.86535	13.0598	6.22336	1
20388816	BAGALNT3	0.19615	0.942344	0.940823	-1.06291	0.714518	1.36991	1.36991	0.107249	4.50959	4.50959	0.243835	2.84249	2.84249	0.261334	3.8655	3.8655		0.936251	0.933763	-1.07094	0.102754	2.216663	-4.61547	0.056784	6.34164	6.34164	0.361949	2.23182	2.23182	1.86535	21.6838	10.3329	1
20192387	RPS6KA2;RPS6KA2	0.19615	0.284957	2.19206	2.19206	0.605909	1.4445	1.4445	0.738576	0.789238	-1.26704	0.822882	1.17167	1.17167	0.875325	1.11734	1.11734		0.428749	1.76981	1.76981	0.0161325	8.00611	8.00611	0.0693862	4.2016	4.2016	0.0717925	4.13897	4.13897	1.86534	14.7525	7.02999	1
15478515	SDK1;SDK1	0.19615	0.221611	0.747039	-1.33862	0.0359794	0.574768	1.15883	0.895424	0.970713	-1.03017	0.930611	1.02289	1.02289	0.957787	1.21965	1.21965		0.087396	1.53528	1.53528	0.0960595	1.36299	1.36299	0.6529599	0.8890656	-1.12277	0.759007	0.93166	-1.07335	1.86533	1.5224	0.725471	1
16418646	EPN2;EPN2.EPN2	0.19616	0.850653	1.0347	1.0347	0.444058	1.16169	1.15169	0.43167	0.35633	1.15633	0.33537	0.854432	-1.19699	0.0634979	0.685465	-1.45886		0.124214	0.78924	-1.26704	0.120225	1.35672	1.35672	0.109965	0.729543	-1.37072	0.429302	0.864128	-1.15724	1.86532	0.967783	0.461182	1
20478251	KIF22	0.19616	0.419646	0.875793	-1.14182	0.449371	1.132	1.132	0.0166459	1.60042	1.60042	0.193118	1.24797	1.24797	0.145258	1.28604	1.28604		0.997304	0.999457	-1.00054	0.488506	0.892985	-1.11984	0.57783	0.913538	-1.09465	0.359529	1.16361	1.16361	1.8653	0.7642S7	0.364198	1
20146428	INPP5A	0.19615	0.045956	0.733946	-1.36202	0.0134	1.18358	1.18358	0.0399265	0.94496	-1.05825	0.919931	0.984686	-1.01577	0.924353	1.04447	1.04447		0.559085	1.08322	-1.23076	0.0548976	1.34237	1.34237	0.860739	1.024005	-1.02405	0.297799	0.864168	-1.15718	1.8653	0.540942	0.25778	1
23329372	ADAMTS2;ADAMTS2	0.19617	0.703116	0.912673	-1.09568	0.28824	0.768664	-1.30096	0.582062	0.763488	-1.31015	0.258074	0.877315	-1.14185	0.803861	0.942347	-1.06118	0.0775466	0.526331	-1.59711			0.536469	1.61111	1.98254	0.976628	0.9930333	-1.00702	0.895202	0.103195	1.03195	1.86527	1.68231	0.801697	1
22051345	DDZ3	0.19617	0.417869	1.49034	1.49034	0.113534	2.39316	2.39316	0.380996	1.7038	1.7038	0.550031	1.33841	1.33841	0.309125	1.20267	1.20267		0.608703	0.779094	-1.28255	0.0114941	1.40858	1.40858	0.160389	1.08328	2.38128	0.373221	1.55511	1.55511	1.86525	6.86229	3.2702	1
22032316	POSZ	0.19617	0.529248	1.6273362	-1.145	0.168811	0.724908	-1.37949	0.297947	0.795159	-1.25761	0.875351	0.967201	-1.03391	0.00506665	0.605112	-1.01926		0.59704	0.892847	-1.12001	0.408336	0.835555	-1.19681	0.45877	0.85192	-1.17382	0.670206	0.913013	-1.09528	1.86524	1.3332	0.635342	1
22619810	RCOR2	0.19617	0.434416	1.49883	1.49883	0.00931276	0.53227	0.53227	0.28316	1.76087	1.76087	0.442213	1.48822	1.48822	0.468152	0.687697	-1.45413		0.349277	1.63052	1.63052	0.457927	0.681458	-1.46744	0.263917	1.80558	1.80558	0.736782	1.18669	1.18669	1.86524	7.60544	3.6244	1
20388966	STK19;STK19;STK19;DOM3Z	0.19617	0.0450354	0.555436	-1.79748	0.651443	0.671613	-1.48895	0.673927	1.44836	1.44836	0.323932	0.450996	-2.43935	0.442811	0.50412	-1.98366		0.315398	0.403064	-2.481	0.21548	0.319447	-3.13041	0.0181417	0.0811562	-12.3219	0.142738	0.251843	-3.97073	1.86524	22.634	10.7861	1
22721480	FAT1	0.19619	0.346063	0.834998	-1.19761	0.924927	0.01767	1.01767	0.197234	0.77622	-1.2883	0.589439	0.903711	-1.10655	0.123273	0.73326	-1.36377		0.961875	0.991156	-1.00892	0.019073	1.69431	1.69431	0.460922	0.869796	-1.14969	0.979032	1.0049	1.0049	1.86523	1.02017	0.486169	1
20832884	BEND5;AGBL4	0.19618	0.0213092	0.237233	-4.21536	0.153204	0.093331	1.42181	0.255822	0.53283	-1.87677	0.174727	0.464819	-2.15138	0.211334	0.497548	-2.01147		0.334121	0.589378	-1.69671	0.0275379	0.250737	-3.98824	0.647232	0.783074	-1.27702	0.139004	0.429488	-2.32855	1.86522	8.32072	3.96531	1
24523845	EPSB3;EPSB3;EPSB3A	0.19618	0.282819	0.245345	-4.12434	0.888236	0.9722	-1.02859	0.0415878	0.632138	-1.58193	0.876688	0.970142	-1.03076	0.934618	1.07002	-1.07002		0.185998	1.31486	1.31486	0.155929	1.15298	1.15298	0.5992099	0.9504	-1.07412	0.564006	0.887277	-1.12704	1.86522	1.12575	0.536489	1
22715711	SYN1;TIMP3;TIMP3;SYN1	0.19618	0.050271	0.154987	-6.45215	0.356521	0.452825	-2.20836	0.548399	0.602091	-1.66088	0.240026	2.79476	2.79476	0.0563313	6.07097	6.07097		0.790667	0.800711	-1.24889	0.262389	0.376717	-2.65451	0.454599	0.529237	-1.88951	0.585459	0.631207	-1.58427	1.86519	20.6171	9.82541	1
21279857	FKBP2;FKBP2;FKBP2	0.19618	0.0296202	0.236532	-4.22775	0.0370926	0.808995	-1.2624	0.697901	1.07495	1.07495	0.212853	0.472738	2.09714	0.117949	8.53667	8.53667		0.283042	0.533652	-1.87388	0.0254399	0.528102	1.89394	0.0198	0.948839	-1.05445	0.0364365	0.954365	1.04781	1.86519	9.96443	4.46278	1
26210267	ATP5J	0.19618	0.107804	0.471531	-2.12075	0.942273	0.969451	-1.03151	0.258074	0.675393	1.48048	0.316082	0.764388	-1.30824	0.996887	1.00167	1.00167		0.159583	0.525259	-1.90382	0.0282148	0.596255	1.67755	0.0298	0.930448	-1.07486	0.156701	0.522592	-1.91354	1.86519	5.4215	2.58371	1
20390193	HLA-A	0.19618	0.0848898	0.484418	-2.06313	0.0437256	0.819944	-1.21864	0.0822302	0.397265	1.51724	0.0610442	0.470311	2.0292	0.0452764	2.20611	2.20611		0.16126	0.356994	-2.80194	0.0155994	0.453497	2.20498	0.0154	0.733137	-1.36415	0.0709075	0.827215	-1.20882	1.86518	3.1728	1.72783	1
20831967	NXN	0.19619	0.17751	1.95492	1.95492	0.0437857	2.95656	2.95656	0.172972	1.97059	1.97059	0.75948	1.15447	1.15447	0.0772893	0.3990334	2.50605		0.445713	1.43851	1.43851	0.539041	1.33764	1.33764	0.330016	1.60031	1.60031	0.227699	1.80818	1.80818	1.86515	4.46337	3.08029	1
20203671	FBXO28;FBXO28	0.19619	0.123208	1.32612	1.32612	0.271185	1.21364	1.21364	0.300435	1.19886	1.19886	0.576377	1.1001	1.1001	0.500303	1.12259	1.12259		0.158841	1.28989	1.28989	0.0323083	0.656532	-1.52315	0.641617	0.923827	-1.08245	0.462035	1.13491	1.13491	1.86512	0.849955	0.402217	1
22504653	PHF19;PHF19;PHF19;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1117 vs. N)	Fold-Change(1 vs.1127)	p-value(1127 vs. N)	Fold-Change(1 vs.1217)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1347 vs. N)	Fold-Change(1 vs.1347)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error
cg27426151	LRP5	0.196514	0.963748	0.980915	1.01842	0.52164	0.770424	-1.29799	0.0923699	0.475303	2.102892	0.322388	0.66334	-1.50752	0.0483175	0.40413	-2.47445	0.033481	0.368772	-2.7117	0.10146	0.486727	-2.05454	0.947866	0.974084	-1.02661	0.145347	0.533721	1.87364	1.86358	4.75899	2.26994	1
cg24118495	SMURF1;SMURF1	0.196515	0.518902	0.680985	-1.46846	0.310845	0.540047	-1.85169	0.125941	0.377983	-2.64562	0.974033	0.10931	1.01931	0.334858	0.557463	-1.79619	0.975932	0.982041	-1.01829	0.333841	0.556735	-1.79619	0.0290522	0.53441	0.43441	0.250604	2.02635	2.02635	1.86357	10.1892	4.86008	1
cg15907897	CDC27;CDC27	0.19652	0.234414	0.825514	-1.21137	0.261947	1.19716	1.19716	0.299113	1.18004	1.18004	0.703908	0.942951	-1.0605	0.31294	1.17418	1.17418	0.578115	0.718947	-1.39092	0.779893	1.04404	1.04404	0.140337	1.27639	1.27639	0.171703	1.25087	1.25087	1.86355	0.698493	0.333173	1
cg18348731	TUBB6	0.196525	0.174502	0.606063	-1.44788	0.052926	0.569314	-1.7571	0.0198809	0.486593	-2.05531	0.777511	1.07529	1.07529	0.572844	0.864151	-1.1572	0.175903	0.691594	-1.44931	0.353304	0.783761	-1.2759	0.388669	0.797415	-1.25405	0.124238	0.652773	-1.53393	1.86353	1.93789	0.924357	1
cg07802785	MYRIP	0.196526	0.0744657	156.401	156.401	0.325311	13.2259	13.2259	0.197838	31.8314	31.8314	0.101493	95.434	95.434	0.343843	0.0838194	-11.9304	0.10558	89.5665	89.5665	0.0989559	1.0046	1.0046	0.050461	289.417	289.417	0.458885	6.8035	6.8035	1.86351	190.767	90.9951	1
cg08319905	TATDN1;TATDN1;TATDN1;NDUFB9	0.196529	0.0730522	1.49155	1.49155	0.241368	1.27795	-1.27595	0.193387	0.983421	-1.01686	0.0973709	1.43878	1.43878	0.113638	1.41093	1.41093	0.224482	1.23068	1.23068	0.373586	0.833051	-1.20041	0.0561907	1.54327	1.54327	0.308667	1.23455	1.23455	1.8635	1.18034	0.56382	1
cg09346547	HIP1	0.196531	0.75834	1.0921	1.0921	0.0157261	2.32814	2.32814	0.0252613	2.13725	2.13725	0.456891	1.24149	1.24149	0.800078	1.07514	1.07514	0.19841	1.47409	1.47409	0.979166	0.992573	-1.00748	0.524818	1.202	1.202	0.504952	1.21306	1.21306	1.86349	2.40557	1.14746	1
cg21037236	HSPA2	0.196532	0.262887	2.71988	2.71988	0.0136578	1.43599	1.43599	0.143548	2.3456	2.3456	0.492172	1.82409	1.82409	0.157937	1.44587	1.44587	0.0709752	5.74443	5.74443	0.119184	4.30519	4.30519	0.30059	0.193133	3.26506	0.946845	1.05843	1.05843	1.94372	21.8626	8.74929	1
cg26073856	FABP2	0.196533	0.714893	1.29841	1.29841	0.402472	0.422866	-2.36482	0.437127	0.568796	-1.7581	0.104962	1.28333	1.28333	0.254245	0.414601	-2.41293	0.952603	1.00662	1.00662	0.0696693	2.235954	-4.23812	0.726315	0.77969	-1.28421	0.0999914	0.277218	3.60727	1.86348	14.9534	7.13282	1
cg03348299	PRDX5;PRDX5;PRDX5;TRMT112	0.196534	0.269615	1.30165	1.30165	0.110021	0.67068	-1.49102	0.229717	1.3351	1.3351	0.224828	1.3396	1.3396	0.930853	0.980295	-1.0201	0.0988688	0.660364	-1.51432	0.116324	1.47897	1.47897	0.885896	1.03348	1.03348	0.496667	0.853621	-1.17148	1.86348	1.55207	0.740347	1
cg14786686	ADAM32	0.196535	0.22091	1.50909	1.50909	0.166093	0.0193259	-1.70751	0.0277778	0.988001	-1.01212	0.803861	1.33085	1.33085	0.0100509	2.379904	-3.62846	0.175729	1.77126	1.77126	0.0908833	1.01513	-1.01513	0.973705	1.12926	1.12926	0.570545	1.79649	1.79649	1.86347	4.65338	2.2197	1
cg26070281	ZNF219;ZNF219;ZNF211	0.196537	0.139357	1.56302	1.56302	0.376594	1.29012	1.29012	0.441887	1.24626	1.24626	0.637219	0.887731	-1.12647	0.840564	0.94502	-1.05818	0.0175074	0.444045	-2.25202	0.228743	0.701435	-1.42565	0.90981	0.968687	-1.03232	0.604595	0.863595	-1.15795	1.86346	2.16216	1.1096	1
cg12648691	GRTP1	0.196539	0.0780066	0.738636	-1.35385	0.656525	1.07173	1.07173	0.113407	0.768672	-1.30095	0.955511	1.00945	1.00945	0.649063	0.991603	-1.01232	0.306437	1.37799	1.37799	0.140548	1.27795	1.27795	0.137605	0.780004	1.28057	0.218417	0.818509	1.22173	1.86345	0.706329	0.339028	1
cg10069638	NFIA;NFIA;NFIA;NFIA	0.196541	0.224103	0.687811	-1.45389	0.143867	1.58431	1.58431	0.0107567	2.10567	2.10567	0.277431	1.39235	1.39235	0.599393	1.16803	1.16803	0.52583	0.828307	-1.20728	0.241236	0.698035	-1.43259	0.571137	1.28061	1.28061	0.401805	1.28589	1.28589	1.86344	2.53427	1.20888	1
cg04502407	PHC2;PHC2;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.196549	0.337462	0.720069	-1.38876	0.0983801	1.82574	1.82574	0.0439418	2.1574	2.1574	0.492853	0.793502	-1.26024	0.117985	0.569075	-1.75724	0.854836	1.06271	1.06271	0.546035	1.22496	0.385449	1.34379	1.34379	0.651585	0.859878	-1.16296	1.8634	3.25494	1.55269	1
cg06949837	AR1;BCAR1	0.196549	0.0989614	2.55077	2.55077	0.54851	1.36927	1.36927	0.910569	1.05989	1.05989	0.226889	1.92851	1.92851	0.058658	3.02115	3.02115	0.133843	0.433029	-2.30931	0.820719	0.88914	-1.12468	0.320144	1.70195	1.70195	0.245067	0.532899	-1.87653	1.8634	7.90816	3.77239	1
cg07115976	SDF4;SDF4	0.196552	0.0479147	0.4042	-2.47328	0.434439	0.726637	-1.37613	0.0633123	0.25646	2.31546	0.0696605	1.0052	1.0052	0.557671	0.788605	-1.26792	0.649564	0.832664	-1.20096	0.478303	1.33454	1.33454	0.193251	1.82616	1.82616	0.410775	0.714108	-1.40035	1.8634	4.72972	2.2562	1
cg20073664	SLC4A4;SLC4A4;SLC4A4;SLC4A4	0.196555	0.0679576	0.567913	-1.76082	0.240219	0.796509	-1.25548	0.2634322	0.31646	3.16068	0.136068	0.293391	1.35138	0.136129	0.616424	0.5590222	-1.78884	0.564828	0.851475	-1.17443	0.833361	0.943455	-1.05993	0.396039	1.27141	1.27141	0.252059	1.39175	1.39175	1.8634	2.25261	1.07455	1
cg05027554	RAB40C	0.196554	0.277853	1.96623	1.96623	0.0708036	3.35191	3.35191	0.0389216	4.18851	4.18851	0.19142	2.29031	2.29031	0.887781	0.9147	-1.09325	0.583262	0.717513	-1.3937	0.783954	0.848179	-1.179	0.158194	2.46923	2.46923	0.361712	0.570216	-1.75372	1.86338	10.5941	5.05371	1
cg10715527	ANK1;ANK1;ANK1	0.196555	0.821246	1.1588	1.1588	0.0108911	0.01907	0.84097	0.0443468	4.48863	4.48863	0.819702	1.141	1.141	0.2827	2.06885	2.06885	0.858754	1.12301	1.12301	0.243694	2.21314	2.21314	0.321404	1.94874	1.94874	0.506617	1.5509	1.5509	1.86337	12.5175	5.97124	1
cg01028844	CEP120;CEP120	0.196556	0.8192024	1.04955	1.04955	0.274339	1.15389	1.23538	0.178342	1.03904	1.03904	0.7116	1.0705	1.0705	0.0247731	1.60779	-1.6453	0.4315	0.863146	-1.15814	0.315229	1.34962	1.34962	0.741055	1.16955	1.16955	0.638336	0.915572	-1.09221	1.86337	1.0322	0.4881	1
cg04760602	FIP1L1;FIP1L1;FIP1L1	0.196562	0.44273	1.23823	1.23823	0.230741	0.709459	-1.40952	0.212477	1.43122	1.43122	0.626749	1.14317	1.14317	0.363419	0.774903	1.29048	0.561868	0.852034	-1.17366	0.0188975	0.460121	-2.17334	0.53426	0.842102	-1.1875	0.39528	1.26833	1.26833	1.86334	2.1998	1.0494	1
cg18991862	MAD1L1;MAD1L1;MAD1L1	0.196563	0.985003	0.921275	-1.08545	0.484254	0.808037	-1.23757	0.981244	1.00707	1.00707	0.85798	0.947706	-1.05518	0.0990301	0.312368	-3.20135	0.763562	0.91351	-1.09468	0.45704	0.79683	-1.25497	0.982691	1.00653	1.00653	0.690775	0.88701	-1.12738	1.86333	2.65348	1.26582	1
cg26249135	TNS3	0.196563	0.263802	0.70572	-1.41698	0.312147	0.32494	-3.07744	0.0155224	0.644753	1.55225	0.644753	1.2399	1.2399	0.807569	1.04111	1.04111	0.218015	1.44635	1.44635	0.168607	1.40074	1.40074	0.686087	1.12268	1.12268	0.744133	0.910944	1.09776	1.86333	2.93964	1.34187	1
cg00053536	CROCC	0.196568	0.726287	1.0598	1.0598	0.373814	1.16285	1.16285	0.756266	1.0528	1.0528	0.899048	0.979242	-1.0212	0.078454	1.38133	1.38133	0.0504808	1.44542	1.44542	0.0239516	1.56079	1.56079	0.58803	0.913576	-1.0946	0.313456	1.18803	1.18803	1.86331	0.8060335	0.384518	1
cg23918223	NAB2	0.196573	0.935033	0.783467	-1.27638	0.168023	1.69375	1.69375	0.0554744	1.857913	1.85791	0.165622	1.6474	1.6474	0.148992	1.60191	1.60191	0.0984049	1.59181	1.59181	0.0194164	1.45109	1.45109	0.0953574	1.29743	1.29743	0.489326	1.94126	1.94126	1.86328	0.9744	0.502698	1
cg23911707	BHMT2;DMGDH	0.196577	0.745248	0.774187	-1.29168	0.0671839	0.505311	1.500531	0.197487	2.91386	2.91386	0.0651737	5.08018	5.08018	0.402182	1.86038	1.86038	0.873442	1.2823693	-1.13331	0.0598504	5.29601	5.29601	0.127997	1.07603	1.07603	0.0896542	1.44349	1.44349	1.86326	18.1873	8.67642	1
cg04631389	AANAT;UBE2O	0.196578	0.205246	1.55917	1.55917	0.811482	1.02627	1.08267	0.599452	1.19264	1.19264	0.142228	0.591874	-1.68955	0.817325	0.925968	-1.07995	0.199068	1.57003	1.57003	0.193214	1.58046	1.58046	0.0477135	0.471114	-2.12263	0.430343	0.765224	-1.30681	1.86326	3.26105	1.55572	1
cg23601271	INF2;INF2	0.196581	0.129184	1.54148	1.54148	0.270499	1.35548	1.35548	0.0749	1.44447	1.44447	0.202112	1.54148	1.54148	0.274945	1.1577	1.1577	0.424242	1.76902	1.76902	0.0150003	1.5093	1.5093	0.557744	1.82606	1.82606	0.410275	0.714108	-1.40035	1.8634	4.72972	2.2562	1
cg05109569	HOXA3;HOXA3;HOXA3	0.196582	0.0492404	3.7548	3.7548	0.586015	1.41717	1.41717	0.0634162	3.42252	3.42252	0.0601527	3.48945	3.48945	0.137413	2.35003	2.35003	0.230133	2.10039	2.10039	0.237802	2.07281	2.07281	0.402552	1.65691	1.65691	0.0498019	1.73925	1.73925	1.86324	10.2527	4.89123	1
cg01045980	FLCN;FLCN	0.196583	0.496181	1.31655	1.31655	0.274339	1.15389	1.23538	0.178342	1.03904	1.03904	0.7116	1.0705	1.0705	0.0247731	1.60779	-1.6453	0.127234	1.7065	1.7065	0.0139553	1.34426	1.34426	0.497817	1.13111	1.13111	0.708883	0.952918	-1.04952	1.86323	0.5552	0.4881	1
cg01704609	TNFRSF19;TNFRSF19	0.19659	0.148209	0.512221	-1.95238	0.330659	0.648589	-1.54181	0.37855	0.677276	-1.4765	0.239626	0.587947	-1.70083	0.221856	0.574759	-1.73986	0.713331	1.17252	1.17252	0.0448946	2.69902	2.69902	0.229118	1.72349	1.72349	0.886269	0.940138	-1.06367	1.8632	1.48992	2.61911	1
cg26892251	TRIM27	0.19659	0.838813	1.03773	1.03773	0.886665	0.974447	-1.02622	0.37238	0.846602	-1.18119	0.401586	1.16895	1.16895	0.674063	0.925967	-1.07995	0.641637	1.08896	1.08896	0.00689164	1.889	1.889	0.677541	0.926783	-1.079	0.700883	0.932224	-1.0727	1.8632	0.975663	0.465466	1
cg12188395	SV2C	0.196594	0.546384	1.08253	1.08253	0.212367	0.54499	0.524499	0.574731	-1.25739	0.170762	0.414111	1.09323	1.09323	0.759547	0.706760	-1.34995	0.425888	0.839277	0.839277	0.0139553	1.34426	1.34426	0.497817	1.13111	1.13111	0.708883	0.952918	-1.04952	1.86323	0.5552	0.4881	1
cg03904534	WWOX TRPC4;TRPC4;TRPC4;TRPC4;TRP	0.196594	0.514153	0.833851	-1.19926	0.0130153	0.42901	-2.33095	0.0684618	0.571091	-1.75103	0.375005	0.778741	-1.28412	0.156525	0.659517	-1.51626	0.544029	1.18372	1.18372	0.589758	0.861135	-1.16126	0.890353	1.03861	1.03861	0.517979	0.835265	-1.19722	1.86318	2.22591	1.06194	1
cg16409955	C4	0.196599	0.332873	0.713043	-1.40244	0.816387	1.08194	1.08194	0.0922456	1.87285	1.87285	0.459676	1.29009	1.29009	0.313099	0.702388	-1.42371	0.958683	0.982612	-1.0177	0.0196622	1.386382	-2.58812	0.601431	1.19535	1.19535	0.997475	0.998929	-1.00107	1.86316	3.3828	1.61389	1
cg16630791	FOXF1	0.196602	0.0545173	0.396531	-2.52187	0.366838	1.48159	1.48159	0.970848	0.984623	-1.01562	0.495871	0.745861	-1.34073	0.482261	0.738711	-1.35371	0.525727	1.31345	1.31345	0.374838	1.47145	1.47145	0.030971	2.92729	2.92729	0.807458	1.10909	1.10909	1.86314	5.30605	2.53148	1
cg22085702	CALCA;CALCA;CALCA	0.196607	0.2296827	1.38393	1.38393	0.0995027	0.27727	-3.60527	0.0135553	0.369693	-2.70527	0.0963155	0.23467	-4.26115	0.0249403	0.23467	-4.26115	0.0178552	2.23467	2.23467	0.0211733	3.0028	3.0028	0.0144542	2.4072	2.4072	0.0879335	3.66852	3.66852	1.86307	34.0195	18.2875	1
cg02812767	LOXL1	0.196612	0.0464409	0.328185	-3.04706	0.124552	0.443796	0.088316	-2.25276	0.0300302	0.287525	-3.44796	0.088016	-3.88448	-2.57435	0.264218	0.566455	-1.76537	0.584083	0.763383	-1.30996	0.474303	0.700924	-1.42657	0.452743	-2.20876	0.21321	0.527182	-1.89688	1.86309	0.73814	3.35793	1
cg07700258	GUK1;GUK1	0.196614	0.6800066	1.08922	1.08922	0.313074	1.85179	1.85179	0.0158798	1.49648	1.49648	0.136628	0.682518	1.46531	0.0106678	1.480403	1.480403	0.559385	1.49831	1.49831	0.0256703	1.17935	1.17935	0.559743	1.8079665	1.8079665	0.0128143	2.02812	2.02812	1.8631	1.44481	0.36808	1
cg02611183	SEMA5A	0.196614	0.706381	1.27901	1.27901	0.4416512	1.66562	1.66562	0.387512	0.562183	-1.77878	0.581945	1.43556	1.43556	0.104102	3.17537	3.17537	0.156763	2.67733	2.67733	0.0374579	4.80644	4.80644	0.0660013	3.82326	3.82326	0.136234	2.84028	2.84028	1.86308	1.83068	1.18803	1
cg00185188	ANKRD42	0.196616	0.175299	0.917353	-1.28216	0.494274	0.887861	1.1263	0.439843	0.874379	-1.14382	0.474796	0.759246	-1.31738	0.0792693	1.413134	1.413134	0.0984049	1.59181	1.59181	0.0194164	1.45109	1.45109	0.0953574	1.29743	1.29743	0.489326	1.94126	1.94126	1.86308	0.9744	0.502698	1
cg03794933	ANKRD55	0.196616	0.220535	0.58782	-1.70116	0.37836	0.51378	1.01378	0.548809	1.25559	1.25559	0.154777	0.533154	1.87427	0.129376	1.96593	1.96593	0.951559	1.02538	1.02538	0.0298047	2.87131	2.87131	0.84719	1.924398	1.08284	0.31263	1.53858	1.53858	1.86307	0.521317	2.39574	1
cg23975251	PIDX14	0.196617	0.41138	0.788932	-1.26754	0.012589	0.414929	-2.41005	0.316263	0.745468	-1.34144	0.335683	1.32505	1.32505	0.395006	0.78116	-1.28015	0.976029	1.00855	1.00855	0.9197	1.02168	1.02168	0.333592	0.75371	-1.32677	0.286322	1.36877	1.36877	1.86307	2.37163	1.13153	1
cg20705835	ZW10	0.196618	0.1293184	1.29548	1.29548	0.270499	1.35548	1.35548	0.0749	1.44447	1.44447	0.202112	1.54148	1.54148	0.274945	1.1577	1.1577	0.424242	1.76902	1.76902	0.0150003	1.5093	1.5093	0.557744	1.82606	1.82606	0.410275	0.714108	-1.40035	1.8634	4.72972	2.2562	1
cg16584172	ZIC2	0.196618	0.7610401	1.31406	1.31406	0.297625	0.86558	-1.15529	0.252249	1.17339	1.17339	0.442513	0.900605	-1.11036	0.057763	0.750637	1.3322	0.055116	0.847714	-1.3374	0.314711	0.87023	-1.14912	0.258971	0.854315	-1.17053	0.487874	0.910079	-1.09881	1.86306	0.527416	0.251636	1
cg26249111	FKBP8	0.196621	0.36941	1.1579	1.1579	0.0176395	0.631832	1.58327	0.0851165	0.738773	-1.35359	0.737567	0.947922	-1.05493	0.396897	0.871138	-1.14794	0.581248	1.09264	1.09264	0.451089	1.12989	1.12989	0.441922	0.882783	-1.13281	0.473664	0.950148	-1.05241	1.86305	0.746321	0.356081	1
cg02700980	CWC22	0.196625	0.2011881	1.97656	1.97656	0.883736	1.09532	1.09532	0.0127	1.63966	1.63966	0.155	1.43774	1.8312	1.13947	1.13947	0.153147	0.3906222	-1.56002	0.729946	1.82663	1.37993	1.37993	0.225652	1.44359	0.906548	1.07447	1.07447	0.027453	2.02454	2.02454	-4.32961	1.86303	1.03979	5.2664	1
cg18022012	HPCA1;HPCAL1	0.196629	0.936207	1.05243	1.05243	0.037403	0.47413	0.04713	-2.40183	1.65295	1.65295	0.518073	1.51941	1.51941	0.0338143	0.205544	-4.86514	0.24104	2.18921	2.18921	0.69594	0.770237	-1.28497	0.44004	0.604881	-1.65322	0.950037	1.04082	1.04082	1.86301	1.02059	0.573785	1
cg23291200	AIPC2	0.196634	0.3081688	0.709022	-1.41008	0.0973	0.4911	0.049113	-2.03723	1.60971	1.60971	0.855675	1.041588	1.041588	0.0902004	1.38416	-1.38416	0.343663	0.870971	0.870971	0.0477888	1.148	1.148	0.0625153	0.844844	-2.24798	0.0025127	1.0416	1.0416	1.86299	0.5562	0.35614	1
cg00547480	LDB1;LDB1	0.196634	0.4000949	1.33174	1.33174	0.0781453	1.91722	1.91722	0.0260363	2.40713	2.40713	0.279009	1.45399	1.45399	0.936147	0.973705	-1.027	0.0545024	2.06575	2.06575	0.155495	1.65773	1.65773	0.163436	1.63991	1.63991	0.736923	1.11865	1.11865	1.86298	3.26324	1.55699	1
cg12673196	FBMD6;FBMD6	0.196634	0.673572	1.08418	1.08418	0.78526	0.949233	-1.05348	0.176254	0.76012	-1.31558	0.121814	1.37704	1.37704	0.0994093	1.413134	1.413134	0.0984049	1.59181	1.59181	0.0194164	1.45109	1.45109	0.0953574	1.29743	1.29743	0.489326	1.94126	1.94126	1.86298	0.9744	0.502698	1
cg11787160	DTX1	0.196637	0.153908	2.23227	2.23227	0.662494	0.793715	-1.2599	0.740768	0.839752	-1.19083	0.294491	0.775172	1.77172	0.886675	1.0779	1.0779	0.114295	2.68845	2.68845	0.0215789	2.62976	2.62976	0.0736982	2.85422	2.85422	0.679015	1.2447	1.2447	1.86297	8.16466	3.89565	1
cg07302959	FAM133B;FAM133B	0.196642	0.970212	0.986018	-1.01418	0.2720053	0.64978	-1.53898	0.101232	0.508279	-1.96742	0.750207	0.886527	-1.128	0.0535333	0.437436	-2.28605	0.723716	0.874731	-1.14321	0.203556	1.65875	1.65875	0.245237	1.58143	1.58143	0.129819	0.539522	-1.85349	1.86294	4.19543	2.00182	1
cg13582025	MYO1C;MYO1C;MYO1C	0.196645	0.2468182	1.26626	1.26626	0.150912	0.6818232	-1.46711	0.0944304	1.04049	1.04049	0.0614247	1.08439	1.08439	0.0129844	1.31759	1.31759	0.754224	1.113	1.113	0.0613863	1.10816	1.10816	0.812295	0.922107	-1.08447	0.539468	0.808712	-1.23583	0.949293	1.86293	0.63594	0.33954	1
cg02090654	MIR592;GRM8;GRM8;GRM8	0.196646	0.252196	0.650616	-1.537	0.0785944	0.01787	2.01787	0.54053	0.800392	-1.24939	0.186505	0.604565	-1.65408	0.0654126	0.475595	-2.10263	0.608035	0.830356	-1.2043	0.504995	1.25159	1.25159	0.24558	0.570328	-1.75338	0.340454	0.704509	-1.41943	1.86292	3.81022	1.81804	1
cg26747317	NELL1	0.196647	0.1107	1.40282	1.40282	0.0144992	0.39344	-2.54782	0.154053	0.188248	5.31248	0.154593	0.688771	1.45092	0.0987358	1.013496	-1.01349	0.115865	1.38478	1.38478	0.0387708	2.213496	2.213496	0.451774	0.710932	-1.40755	0.221511	0.482859	-2.07113	0.952023	1.86292	0.6394	0.34307	1
cg08081144	NHS;NHS	0.196648	0.108878	0.225054	-4.44339	0.472696	1.86449	1.86449	0.903699	1.10876	1.10876	0.0650152	5.85445	5.85445	0.070106	5.62461	5.62461	0.169308	0.286817	-3.48654	0.789378	1.25653	1.25653	0.852039	0.852775	-1.17264	0.644873	1.48565	1.48565	1.86291	21.465	10.242	1
cg14132103	TMEM109	0.196652	0.864432	0.919538	-1.0875	0.0050501	0.17227	6.17227	0.446198	1.46398	1.46398	0.157082	2.10184	2.10184	0.679943	1.22585	1.22585	0.625244	1.27333	1.27333	0.74235	1.17587	1.17587	0.506392	1.39228	1.39228	0.499509	1.40001	1.40001	1.8629	7.10942	3.39229	1
cg18394062	SLC29A4;SLC29A4	0.196653	0.985045	1.00579	1.00579	0.153109	0.610302	1.638	0.733646	0.90094	1.111	0.69417	1.12951	1.12951	0.0124283	1.63599	-1.63599	0.74823	1.1042	1.1042	0.657395	0.871488	1.14746	0.402413	1.29348	1.29348	0.0598709	0.519813	1.32377	1.86289	2.80192	1.33935	1
cg15773615	HPS3	0.196653	0.357125	1.29495	1.29495	0.826314	0.941786	-1.06181	0.992273	1.00265	1.00265	0.52014	0.837007	-1.19473	0.138911	0.647438	1.54455	0.611664	0.86959	-1.14997	0.0111937	0.4193983	-2.38105	0.452369	0.811442	-1.23237	0.395673	1.26795	1.26795	1.86289	2.19759	1.04859	1
cg21156599	MEGF6	0.196655	0.2651597	1.40724	1.40724	0.0900718	0.5007	1.99701	0.138138	0.982983	-1.01731	0.244154	0.387	-2.58398	0.0481865	2.076012	-2.076012	0.74366	1.31558	1.31558	0.121814	1.37704	1.37704	0.0994093	1.413134	1.413134	0.0984049	1.59181	1.59181	1.86288	1.14256	0.59287	1
cg19692973	NOTCH3	0.196657	0.448874	0.835016	-1.19758	0.812482	0.945

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105 vs. N)	Fold-Change(1-p-value(105 vs. 047 vs. N)	Fold-Change(1-p-value(111 vs. N)	Fold-Change(1-p-value(111 vs. 057 vs. N)	Fold-Change(1-p-value(111 vs. N)	Fold-Change(1-p-value(112 vs. 117 vs. N)	Fold-Change(1-p-value(112 vs. N)	Fold-Change(1-p-value(121 vs. 12T vs. N)	Fold-Change(1-p-value(121 vs. N)	Fold-Change(1-p-value(12T vs. 21T vs. N)	p-value(347 vs. N)	Fold-Change(1-p-value(347 vs. N)	p-value(353 vs. 477 vs. N)	Fold-Change(1-p-value(353 vs. N)	p-value(353 vs. 537 vs. N)	Fold-Change(1-p-value(537 vs. N)	p-value(537 vs. 537 vs. N)	Fold-Change(1-p-value(5 37T vs. N)	p-value(563 vs. N)	Fold-Change(1-p-value(563 vs. 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg09995596	SYNGR1;SYNGR1;SYNGR1	0.196821	0.864817	1.0941	1.0641	1.00362615	3.65606	3.65606	0.2153584	1.60885	1.60885	0.7636881	1.11622	1.11622	0.6516162	0.847268	-1.18026	0.545325	1.25005	1.25005	0.723895	1.13807	1.13807	0.1696668	1.70471	1.70471	0.696612	1.15387	1.15387	1.86207	3.92101	1.87176	1
cg09208864	CCDC88C	0.196827	0.38858	0.877072	-1.14016	0.6911647	1.31809	1.31809	0.5215	1.10125	1.10125	0.578953	1.08677	1.08677	0.2911025	1.17658	1.17658	0.273422	1.04378	1.04378	0.0216483	1.58467	1.58467	0.9428791	1.01069	1.01069	0.546413	0.913379	-1.09484	1.86203	0.649792	0.310195	1
cg00402021	POLR2F	0.196828	0.237608	0.830546	-1.20403	0.4490294	1.40111	1.40111	0.5547	1.09382	1.09382	0.380482	1.14455	1.14455	0.105258	1.30426	1.30426	0.825236	1.03375	1.03375	0.961447	1.00728	1.00728	0.0976677	1.31354	1.31354	0.0802049	1.33815	1.33815	1.86203	0.664227	0.317087	1
cg04214883	GOT1;C22orf36	0.196829	0.215523	0.745804	-1.34083	0.677525	1.09863	1.09863	0.1098	0.376962	0.8154483	-1.22627	0.490945	0.854354	-1.17048	0.513861	0.861611	-1.16062	0.415907	0.829379	-1.20157	0.0170972	1.92318	1.92318	0.879083	0.960523	-1.03485	0.2590908	1.30266	1.86203	1.49277	0.712613	1
cg24988345	SCHIP1	0.196831	0.917368	0.10997	0.10997	0.0484675	3.52466	3.52466	0.454298	1.53101	1.53101	0.7936633	0.8637724	-1.15778	0.9969389	0.9978393	-1.00211	0.16381	0.435909	-2.29406	0.850374	1.1113	1.1113	0.0271574	4.31159	4.31159	0.408556	1.60377	1.60377	1.86203	9.20897	4.39618	1
cg18701656	SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.196832	0.220485	0.417473	-2.39536	0.0165881	0.137492	-2.72515	0.245755	0.43901	-2.27785	0.988862	0.991421	-1.00865	0.266003	0.455676	-2.19464	0.0679911	0.249116	-4.01419	0.763042	0.8164612	-1.22758	0.41074	1.76901	1.76901	0.651111	0.734392	-1.36367	1.86201	1.56151	0.47381	1
cg07525003	C13orf38;C13orf38;C13orf38	0.196838	0.313593	0.658562	-1.51846	0.0970231	0.481925	-2.07501	0.035198	0.374126	-2.6729	0.705357	0.858787	-1.16443	0.560524	0.789876	-1.26602	0.510737	0.7654	-1.30651	0.0518292	0.4119969	-2.42737	0.0815405	0.461297	-2.1678	0.0879823	0.4701192	-2.12679	1.86198	4.73652	2.26117	1
cg05039202	CTNNA2;CTNNA2	0.196839	0.977525	0.981182	-1.01918	0.056971	0.429114	4.19219	0.382086	1.83038	1.83038	0.911818	1.13125	1.13125	0.442725	0.216377	-4.62157	0.388454	0.55097	-1.81498	0.116977	0.337129	-3.15329	0.173742	1.21521	1.21521	0.980514	1.01661	1.01661	1.86197	13.4115	6.40251	1
cg14970029	ZNF221	0.19684	?	?	?	?	?	?	0.0768489	2.36654	2.36654	0.643239	1.22655	1.22655	0.387594	0.678612	-1.4736	?	?	?	0.517351	0.750227	-1.33293	0.514453	1.33566	1.33566	0.0757684	0.420925	-2.37572	1.89946	3.84405	2.69835	1
cg00569931	CRISPLD2	0.196841	0.0514582	0.815815	-1.22577	0.0807195	0.837713	-1.19373	0.0917008	0.838309	1.13288	0.147891	0.9977251	1.01052	0.555988	0.977754	-1.02314	0.737641	1.03072	1.03072	0.484205	0.9606211	1.06621	0.1078595	0.879097	-1.14159	0.0965296	0.846584	-1.18122	1.94204	0.243668	0.0975877	1
cg00196715	SFMBT2	0.196843	0.408665	0.47656	-2.09837	0.137424	0.46782	0.46782	0.824294	1.21534	1.21534	0.977506	0.975576	-1.02504	0.8308082	0.185845	-5.38082	0.0702369	0.1695	-5.8997	0.0957495	0.2000944	-4.9765	0.607612	0.634931	-1.57498	0.184508	0.2900994	-3.43649	1.86196	22.6827	10.8286	1
cg01818374	RANGAP1	0.196844	0.645994	1.04727	1.04527	0.137283	1.16024	1.16024	0.137192	1.16012	1.16012	0.557918	0.964459	-1.05657	0.288994	1.10762	1.10762	0.459891	1.07307	1.07307	0.227507	1.12484	1.12484	0.6240403	0.804879	-1.24242	0.6242701	0.955247	-1.04685	1.86195	0.2354303	0.121403	1
cg07772145	TPRA1;TPRA1	0.196844	0.144565	0.619014	-1.61547	0.0132558	0.464473	-2.15298	0.0092259	0.964588	-1.03671	0.737353	1.1085	1.1085	0.942064	0.978001	-1.02249	0.871611	0.951705	-1.05075	0.147365	1.65628	1.65628	0.504242	1.23049	1.23049	0.172925	1.55874	1.55874	1.86195	2.76218	1.31865	1
cg04199621	MUC21	0.196845	0.722335	1.12246	1.12246	0.14943	1.64951	1.64951	0.674505	0.872176	-1.46656	0.641786	1.1638	1.1638	0.508128	0.804629	-1.24281	0.238179	1.43704	1.43704	0.00789647	0.101406	0.70503	1.13104	1.13104	0.881885	1.04932	1.04932	1.86195	3.09156	1.4759	1
cg18496910	MARK2;MARK2;MARK2;MARK2	0.196846	0.909206	0.970294	-1.03062	0.312091	1.25838	1.25838	0.944954	1.01529	1.01529	0.8607	0.962331	-1.03936	0.672208	1.09805	1.09805	0.534488	1.14812	1.14812	0.0720856	0.6432434	-1.55462	0.901664	1.02754	1.02754	0.0152328	1.92522	1.92522	1.86192	1.42448	0.680049	1
cg13655928	MRPS17	0.19685	0.634825	1.0913	1.0913	0.0290264	1.59989	1.59989	0.0946761	0.7150033	-1.39854	0.4132663	1.16503	1.16503	0.664168	0.923327	-1.08304	0.180226	0.771151	-1.29676	0.779	0.949923	-1.05272	0.3331171	1.19997	1.19997	0.955353	1.01028	1.01028	1.86192	0.983366	0.469463	1
cg12215094	PPIL3;PPIL3	0.196853	0.265508	0.762607	-1.37981	0.2756515	0.770826	-1.29731	0.585069	0.881138	-1.1349	0.5533823	0.604335	-1.65471	0.863737	0.961345	-1.04021	0.482855	0.849016	-1.17783	0.0407651	1.73954	1.73954	0.950814	1.01426	1.01426	0.235437	0.751731	-1.33026	1.86191	1.55321	0.745516	1
cg05477222	NUBP1;NUBP1	0.196854	0.307956	0.96042	1.36042	0.2123119	1.47052	1.47052	0.623446	0.866797	-1.15367	0.1542045	0.637385	-1.56891	0.0910449	1.74308	1.74308	0.914412	1.01359	1.01359	0.550011	0.926894	-1.07887	0.787377	1.03452	1.03452	0.273689	0.866769	-1.15371	1.86189	0.464626	0.221819	1
cg00475428	SOX13;SOX13	0.196857	0.143893	0.821114	-1.21786	0.2023171	0.844551	-1.18406	0.0968525	1.25704	1.25704	0.917144	1.01315	1.01315	0.0534492	1.317	1.317	0.914412	1.01359	1.01359	0.550011	0.926894	-1.07887	0.787377	1.03452	1.03452	0.273689	0.866769	-1.15371	1.86189	0.464626	0.221819	1
cg13384143	ZBTB44	0.196857	0.486001	0.88182	-1.13736	0.1247722	1.44541	1.44541	0.3403765	1.17258	1.17258	0.715994	0.8588057	-1.16542	0.8548661	0.97013	-1.03013	0.68076	1.06936	1.06936	0.348631	0.855251	-1.1693	0.142741	1.29003	1.29003	0.0623142	1.40512	1.40512	1.86189	0.77481	0.369005	1
cg01080415	CBS	0.19686	0.354785	0.868663	-1.15093	0.0300574	0.686694	-1.45625	0.884536	0.978775	-1.02169	0.8118444	0.965398	-1.03584	0.976586	1.00429	1.00429	0.222934	1.03817	1.03817	0.0600636	1.36782	1.36782	0.569569	0.918632	-1.08858	0.540459	0.912555	-1.09582	1.86187	0.642984	0.306972	1
cg15254796	ATP7B2;MIR885;ATP2B2	0.196865	0.317266	0.72554	-1.3859	0.250283	0.6878	-1.45391	0.8804553	1.03446	1.03446	0.9437284	0.98101	-1.01996	0.9115463	0.982772	-1.01772	0.5538302	0.821435	-1.21739	0.2239887	0.6742425	-1.48314	0.4483535	0.798673	-1.25199	0.1863585	0.863479	-1.15805	1.86187	0.5540025	0.2973	1
cg04014889	MAGEL2	0.196866	0.173701	1.64757	1.64757	0.48882	1.27232	1.27232	0.809185	0.920642	-1.0862	0.0957732	1.88577	1.88577	0.237784	1.53046	1.53046	0.815499	1.08316	1.08316	0.0116541	3.05435	3.05435	0.347355	1.39389	1.39389	0.169027	1.65797	1.65797	1.9419	3.51497	1.40783	1
cg01433114	GLUD1;FAM35A	0.196867	0.5982	1.10175	1.10175	0.641772	1.08912	1.08912	0.0788717	1.42697	1.42697	0.653811	0.92104	-1.08573	0.6254641	0.12421	1.2431	0.244513	0.80105	-1.24836	0.0294263	0.6266731	-1.59573	0.734481	1.06399	1.06399	0.783152	1.05155	1.05155	1.86184	0.97895	0.467376	1
cg06220958	MYH13;MYH2	0.196875	0.0502271	0.813543	-1.22959	0.0475256	0.582045	-1.58875	0.254633	0.590715	-1.69286	0.1222153	0.974532	-1.02613	0.8617547	0.98454	-1.02755	0.474185	0.822153	-1.21651	0.0821805	0.427168	-2.341	0.181248	0.533557	-1.87436	0.584003	0.78339	-1.2765	1.8618	0.57566	2.75751	1
cg25906419	BACE2;BACE2;BACE2	0.196875	0.451906	1.16604	1.16604	0.585739	1.11662	1.11662	0.195234	1.31599	1.31599	0.483956	0.867122	-1.15324	0.8878427	1.45878	1.45878	0.927454	0.981913	-1.01842	0.0588287	0.65198	-1.53379	0.910738	0.977773	-1.02273	0.0936549	1.44706	1.44706	1.8618	1.1846	0.565572	1
cg15695435	KDM2B;KDM2B	0.196878	0.364404	0.781317	-1.27989	0.274669	0.736409	-1.38005	0.846851	0.955654	-1.05195	0.45999	0.810483	-1.23401	0.0320956	0.454691	-2.201	0.969311	0.98966	-1.01024	0.8338456	0.9644	-1.03675	0.8647714	0.984273	-1.15371	0.509671	0.837706	-1.19374	1.8619	2.0651	0.986911	1
cg09886946	KLF9	0.196879	0.471395	0.91393	1.91393	0.5573327	0.8259	0.8259	0.0452724	7.653	7.653	0.289083	2.65142	2.65142	0.930593	0.9257114	1.08025	0.2328205	1.20601	1.20601	0.0383405	3.56819	3.56819	0.110222	4.68087	4.68087	0.315911	2.50626	2.50626	1.86178	23.5114	11.0533	1
cg09359034	PODXL;PODXL	0.196881	0.537741	1.14838	1.14838	0.4882644	1.16897	1.16897	0.675423	0.9108855	-1.09787	0.207527	0.744765	-1.34271	0.160708	1.39407	1.39407	0.245418	1.30915	1.30915	0.0154087	1.93324	1.93324	0.334895	1.2467	1.2467	0.956647	1.01213	1.01213	1.86176	1.4496	0.692105	1
cg08388095	ANK1;ANK1;ANK1;ANK1;ANK1	0.196885	0.297431	0.6105134	-1.63736	0.0147722	0.315652	-3.16852	0.0139582	0.332823	-3.00592	0.1232823	0.899704	-1.11183	0.8552107	0.95397	-1.04853	0.815404	0.898702	-1.1272	0.0113853	0.2263706	-4.41835	0.456489	0.707215	-1.414	-0.163124	0.506622	-1.97386	1.8617	0.615262	0.23956	1
cg19228118	CSMD2;C1orf94	0.196886	0.0474872	1.44242	1.44242	0.923734	0.984647	-1.01559	0.195594	1.24753	1.24753	0.33089	1.17599	1.17599	0.425821	1.14042	1.14042	0.222279	1.3203	1.2303	0.0976868	0.745707	-1.34101	0.276554	0.832874	-1.20066	0.649848	1.07664	1.07664	1.86174	0.76984	0.36756	1
cg10706590	CITED1;CITED1;CITED1;CITED1	0.196891	?	?	?	?	?	?	0.2636552	1.64052	1.64052	0.384044	1.33446	1.33446	0.0437284	0.48101	-2.07896	0.6911463	0.3715502	-2.69178	0.538302	0.821435	-1.21739	0.2239887	0.674245	-1.48314	0.4483535	0.798673	-1.25199	1.86185	0.263179	0.14025	1
cg25911551	GAB1;GAB1	0.196891	0.408871	0.56885	-1.75793	0.037001	0.198369	-5.04112	0.247487	0.445954	-2.24238	0.795078	1.18985	1.18985	0.394185	0.558295	-1.79117	0.697353	1.29824	1.29824	0.577424	0.686669	-1.45631	0.0563402	4.23421	4.23421	0.495956	1.58679	1.58679	1.86172	13.1517	6.27935	1
cg23901967	CSD3;PGF2	0.196892	0.858449	0.907596	-1.10181	0.106612	2.60354	2.60354	0.0356919	3.77204	3.77204	0.520012	1.425	1.425	0.243227	0.515208	-1.94096	0.165586	0.44792	-2.23254	0.482822	0.678834	-1.47311	0.446295	1.52442	1.52442	0.956659	0.90647	-1.10318	1.86172	8.69698	4.15243	1
cg16887194	OXT	0.196892	0.307021	0.7599	0.7599	0.0477707	0.210318	0.477877	0.1838	0.15378	0.15378	0.0901018	0.452422	0.452422	0.7119	0.4246248	-2.20207	0.0568972	0.40521	-2.46772	0.0384989	0.222207	0.7196	0.1292551	1.12965	1.12965	0.76544	0.88212	1.11363	1.86171	0.81874	0.274406	1
cg01336625	C6orf48;C6orf48;C6orf48;SNORD48;C6 orf48	0.196892	0.825337	1.03427	1.03427	0.589761	1.08652	1.08652	0.342756	1.16067	1.16067	0.0293813	1.47863	1.47863	0.140344	1.27355	1.27355	0.55836	1.09442	1.09442	0.0876089	0.75019	-1.333	0.619453	1.0793	1.0793	0.186844	1.23774	1.23774	1.86171	0.685135	0.327123	1
cg23357435	C19orf26	0.196894	0.297345	1.88693	1.88693	0.5670725	3.55241	3.55241	0.00869954	7.1347	7.1347	0.443042	1.58349	1.58349	0.547824	1.39082	1.39082	0.962968	0.973082	-1.02766	0.300365	1.87894	1.87894	0.743985	1.21267	1.21267	0.454443	1.56486	1.56486	1.8617	10.1838	4.86238	1
cg00291351	FST;LSTS;FST;LS	0.196895	0.133152	0.687354	-1.45485	0.441145	1.19933	1.19933	0.132639	1.45569	1.45569	0.281866	0.771985	-1.29536	0.6696503	0.625307	-1.59922	0.622638	0.893561	-1.12163	0.752275	1.07603	1.07603	0.147855	0.698186	-1.43228	0.938887	1.22123	1.22123	1.8617	1.57885	0.753838	1
cg10959440	SASH1	0.196895	0.321252	0.7944	0.7944	0.0931761	0.290717	-3.43977	0.0579377	0.3506	-2.85306	0.1505937	0.8355	-1.19643	0.5104413	0.695955	-1.43687	0.6050918	0.7241	-1.38174	0.1609	0.6215	-1.60855	0.2424602	0.861387	0.976076	1.08805	0.571741	1.32369	1.32369	0.263628	1.76695	1.0617	0.710032	1.33013	1
cg19905251	SLIT3	0.196896	0.063185	0.544561	-1.83634	0.170399	0.52905	0.52905	0.143909	0.633395	-1.57879	0.809811	0.932275	-1.07264	0.172192	0.65531	-1.52599	0.229947	0.69326	-1.44246	?	?	?	0.424381	1.26781	1.26781	0.349103	0.7555516	-1.3236	1.87188	2.22926	1.19002	1
cg26832509	CHFR;CHFR;CHFR;CHFR;CHFR	0.196898	0.55042	1.06454	1.06454	0.155799	0.2656	1.3956	0.669574	1.3155	1.3155	0.2908	0.2908	0.2908	0.369373	0.2532	-3.94993	0.285063	0.8509	1.17483	0.2298	0.2298	-2.15935	0.1626	0.132651	0.344053	-2.90264	0.0320077	0.190323	1.86174	0.60737	0.320192	1
cg09026253	IFITM1	0.196898	0.410154	0.73252	-1.36515	0.228719	1.59493	1.59493	0.293998	0.6688316	-1.49518	0.346474	0.69888	-1.43086	0.265933	0.6515556	-1.53479	0.106957	0.521865	-1.9162	0.871103	0.941755	-1.06185	0.031264	0.93903	-2.54433	0.0896794	0.5008275	-1.99651	1.86168	4.0267	1.92261	1
cg16404081	BRI3;BRI3	0.196902	0.584779	1.51959	1.51959	0.138719	0.619208	-1.44377	0.2236	0.4001	-2.49981	0.1004021	0.10401	0.411969	0.1473251	0.2615426	-3.82243	0.969311	0.98966	-1.01024	0.8338456	0.9644	-1.03675	0.8647714	0.984273	-1.15371	0.509671	0.837706	-1.19374	1.8619	2.0651	0.986911	1
cg20329415	RAB11B	0.196905	0.950937	0.950374	-1.05222	0.881991	0.507172	0.70722	-1.41407	0.70722	-1.41407	0.2939421	0.74702	0.299928	2.61657	0.431617	0.3313947	0.6564209	0.7755305	-1.28975	0.5132434	0.5234	?	0.385431	0.30764	0.7084	-1.41128	0.0489308	0.42309	0.42309	0.187383	0.106305	0.63253	1
cg02803604	ZBTB24;ZBTB24	0.196906	0.00996605	0.304883	-3.27994	0.67948	1.16368	1.16368	0.800908	1.09657	1.09657	0.537672	0.814472	-1.22779	0.980223	1.00908	1.00908	0.639881	1.18758	1.18758	0.466828	0.763266	-1.31016	0.304983	0.678711	-1.47338	0.0973434	0.515391	-1.94027	1.86164	3.92472	1.87396	1
cg18132601	EIF3F	0.196906	0.297431	0.6105134	-1.63736	0.0147722	0.315652	-3.16852	0.0139582	0.332823	-3.00592	0.1232823	0.873784	-1.20378	0.332656	0.5663446	-1.76577	0.8194043	0.898702	-1.1272	0.0113853	0.2263706	-4.41835	0.456489	0.707215	-1.414	-0.163124	0.506622	-1.97386	1.8617	0.615262	0.23956	1
cg02026204	OSM	0.19609	0.685412	0.823514	-1.21431	0.290692	0.592853	-1.68676	0.0244281	0.278464	-3.59113	0.361536	0.610357	-1.63838	0.995046	1.00296	1.00296	0.68051	1.21825	1.21825	0.092665	1.50228	0.221971	1.542259	-1.84414	1.86163	0.70259	3.20035	1
cg13424511	ANO9	0.196909	0.656614	1.45299	1.45299	0.352182	2.224202	2.224202	0.877493	0.879148	-1.13746	0.035083	1.76844	1.76844	0.283856	2.513364	2.513364	0.568782	0.680275	-1.46999	0.0255827	0.691651	-1.44637	0.2111554	0.936358	-1.06836	0.1263683	0.8403824	-1.18991	1.8616	0.3302824	-3.02276	1.86161	13.1925	6.29919	1
cg08066024	NRXN1;NRXN1	0.196913	0.311789	0.7155	-1.39791	0.0931761	0.290717	-3.43977	0.0579377	0.3506	-2.85306	0.1505937	0.843171	-1.18614	0.5104413	0.695955	-1.43687	0.6050918	0.7241	-1.38174	0.1609	0.6215	-1.60855	0.2424602	0.861387	0.976076	1.08805	0.571741	1.32369	1.32369	0.263628	1.76695	1.0617	0.710032	1.33013	1
cg23252648	UBR3	0.196915	0.139555	0.772075	-1.29521	0.247485	1.21741	1.21741	0.190236	1.2532	1.2532	0.16618	1.2709	1.2709	0.355384	0.856694	-1.16728	0.494365	1.11953	1.11953	0.085499	0.733591	-1.36315	0.395076	1.15224	1.15224	0.569154	0.910636	-1.09813	1.8616	0.7804429	0.372644	1
cg26543584	HCFC1	0.196916	0.17735	1.37355	1.37355	0.3659911	0.2907	-3.43977	0.0579377	0.3506	-2.85306	0.1505937	0.6834453	1.37483	0.2863758	0.5824642	-1.71683	0.477616	1.3851	1.3851	0.1864297	0.5427584	-1.84143	0.1318342	0.746642	0.74082	-1.3504	0.1468	0.7145082	-1.4004	1.8616	0.8892	0.3804	1
cg15339810	HINT3	0.196917	0.854971	0.914722	-1.09323	0.0910259	0.398317	-2.51056	0.35893	1.58635	1.58635	0.0591275	0.347179	-2.88036	0.983859	1.0099	1.0099	0.270627	1.75443	1.75443	0.424452	1.48974	1.48974	0.104906	2.39926	2.39926	0.837856	1.10498	1.10498	1.94362	7.14214	2.86101	1
cg25175887	TSPAN9;TSPAN9	0.196918	0.367182	0.8950666	-1.11724	0.1192254	0.597288	1.67423	0.928341	0.966972	-1.03416	0.0596779	2.21114	2.21114	0.0573701	0.44145	-2.26326	0.403144	0.72639	-1.37654	0.0403227	0.3756	1.3756	0.795896	0.90828	-1.10098	0.1802115	0.587797	-1.70127	1.86158	4.11052	1.96274	1
cg17819963	PAOX;PAOX;PAOX	0.196919	0.9667054	0.01004	0.01004	0.354809	1.25598	1.25598	0.770338	1.0726	1.0726	0.0803998	0.628546	-1.59097	0.5096099	0.8520333	1.17366	0.2530777	0.751407	-1.33084	0.0339204	0.5522734	1.81115	0.4917353	1.20167	1.20167	0.266475	1.31945	1.31945	1.86158	1.69019	0.807049	1
cg10490099	UST	0.196919	0.0973577	0.426784	-2.34311	0.0567411	0.364459	-2.74179	0.08239	0.406346	-2.46095	0.435246	0.688945	-1.4515	0.20276	0.5129533	-1.87641	0.934061	1.03949	1.03949	0.90753	1.05589	1.05589	0.793582	0.884497	-1.13059	0.0330795	0.311521	-3.21006	1.86158	6.54873	3.08399	1
cg12938128	NRXN2;NRXN2	0.196932	0.7912624	1.15151	1.15151	0.3082242	1.57473	1.57473	0.2137384	1.03784	1.03784	0.2035056	0.5563446	-1.79703	0.2539755	0.5113382	-1.95604	0.5047464	1.46383	1.46383	0.0107651	0.2856454	-3.50074	0.0801687	-1.24737	0.910283	0.9838511	-1.01652	0.8674	1.86157	0.3444	0.146189	1
cg27623334	CKorf61	0.196922	0.546305	0.642302	-1.5569	0.621825	1.43406	1.43406	0.29567	0.45553	-2.19525	0.108496	0.280988	-3.55887	0.0421136	0.1830272	-5.46232	0.481131	1.68071	1.68071	0.327017	0.480145	-2.0827	0.81454	0.843346	-1.18575	0.0349884	0.1684418	-5.93762	1.86156	15.5002	7.40128	1
cg02863493	KDM2B	0.196928	0.2539444	0.828374	-1.20716	0.2107322	0.204595	-4.88766	0.2922779	0.216999	-4.60731	0.0914432	0.3673934	-2.72211	0.0679338	0.1634908	-6.11948	0.2016167	0.4792217	-2.08688	0.2088	0.2088	-4.78927	0.2777827	0.4274227	-2.33972	0.1860272	0.3194148	-3.13021	0.1816254	0.8572424	0.2953824	0.0913184	1.86154	0.8572424	0.2953824	0.0913184	1
cg05149284	HCN4	0.196928	0.0245472	0.378413	-2.64261	0.460765	0.761509	-1.31318	0.163602	0.583093	-1.71499	0.834949	1.07887	1.07887	0.223353	0.628642	-1.59073	0.884343	0.948559	-1.05423	0.827751	1.08227	1.08227	0.0291513	0.393483	-2.5414	0.425103	0.74414	-1.34383	1.86154	3.88112	1.85325	1
cg01538998	MTA2	0.196931	0.824926	1.1426	1.1426	0.639791	1.32791	1.32791	0.225277	0.945119	-1.05807	0.382497	1.71408	1.71408	0.180816	1.13739	1.13739	0.9727	0.97962	-1.0208	0.961799	0.971593	-1.02924	0.0424226	10.0037	10.0037	0.492457	1.52113	1.52113	1.86152	10.6736	5.0967	1
cg00273359	CARD11	0.196936	0.0927339	0.505506	-1.97932	0.0197593	0.354119	-2.82391	0.0705014	0.479429	-2.08626	0.93078	1.03256	1.03256	0.5412166	0.547226	-1.82762	0.303081	0.674762	-1.482	0.126945	0.4553212	-2.19625	0.0995599	0.886761	-1.15372	0.2651129	0.651629	-1.53462	1.8615	4.00953	1.91461	1
cg05296866	VMAC	0.196939	0.268847	0.812448	-1.23085	0.572825	0.902335	-1.10824	0.0184971	0.59735	-1.67406	0.687256	0.929608	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00712792	SPHE2		0.197149	1.021544	0.659327	-1.57275	0.103846	0.618912	-1.61574	0.882789	1.0406	1.0406	0.448525	0.810089	-1.23443	0.143521	0.654399	-1.52812	0.857301	1.04975	1.04975	0.0427566	1.87607	1.87607	0.5045122	0.833054	-1.2004	0.8813583	0.960717	-1.04089	1.86045	2.14443	1.02457	1
cg26762198	ITFG3		0.19715	0.485979	0.782997	-1.27714	0.348359	1.39601	1.39601	0.553488	1.23013	1.23013	0.0742401	0.502902	-1.98846	0.244679	0.656695	-1.52278	0.0654206	0.48939	-2.04336	0.830995	0.928807	-1.07665	?	?	2.12014	1.57829	1.57829	1.8706	3.14441	1.68096	1
cg26807412	TUBB8;TUBB8		0.197154	0.144877	0.765328	-1.30663	0.0497908	0.679815	-1.47099	0.794569	1.04508	1.04508	0.139696	0.762197	-1.312	0.10044	1.36119	1.36119	0.640071	1.0829	1.0829	0.266473	0.821329	-1.21754	0.492431	0.872008	-1.14612	0.6940667	0.935349	-1.06912	1.94035	0.8585657	0.3441521	1
cg04300065	DIO3OS		0.197158	0.143016	0.3659	-2.73299	0.276521	0.485332	-2.06044	0.19602	0.417575	-2.39478	0.160187	0.383518	-2.60744	0.0545355	0.248301	-4.02737	0.758237	0.8210133	-1.21798	0.0336537	0.2050007	-4.87789	0.162416	0.385735	-2.59245	0.0735083	0.279583	-3.57976	1.86041	12.02	5.74309	1
cg14873818	HDX		0.19717	0.190025	0.369967	-2.70295	0.239765	0.446562	-2.41161	0.14613	0.326251	-3.06513	0.63257	0.710041	-1.40837	0.115068	0.29153	-3.43018	?	?	?	1.00119	3.65933	3.65933	0.920826	1.07315	1.07315	0.317007	2.0923	2.0923	1.94642	13.5465	6.08035	1
cg15484514	MAP2K7		0.19723	0.70219	0.931526	-1.07351	0.0911443	0.709252	-1.40994	0.549258	0.894154	-1.11838	0.539739	0.712545	-1.41245	0.542283	1.1062	-1.12062	0.12118	0.557727	-1.79299	0.0813085	0.5109911	-1.95698	0.199064	1.60238	1.60238	0.07999952	1.96392	1.96392	1.86033	3.55607	1.69957	1
cg27449864	STX1A;STX1A;STX1A;STX1A		0.197174	0.412159	1.33823	1.33823	0.723465	1.13138	1.13138	0.545088	0.808318	-1.23714	0.777005	1.10369	1.10369	0.378715	1.1686	1.1686	0.12118	0.557727	-1.79299	0.0813085	0.5109911	-1.95698	0.199064	1.60238	1.60238	0.07999952	1.96392	1.96392	1.86033	3.55607	1.69957	1
cg28239908	C10orf140		0.197184	0.572663	0.919807	-1.08704	0.29502	0.847523	-1.17991	0.993417	1.00126	1.00126	0.0709051	0.740092	-1.35113	0.0882376	0.750796	-1.33192	0.179934	1.24234	1.24234	0.0815701	0.746138	-1.3398	0.711316	1.05832	1.05832	0.429573	1.13073	1.13073	1.86028	0.6840919	0.3268442	1
cg00182653	GPC2		0.197184	0.979873	1.01995	1.01995	0.633769	0.768251	-1.30166	0.449318	0.654768	-1.52726	0.9911064	1.279933	-1.27933	0.549071	1.395515	1.39515	1.395515	1.39515	0.0167167	3.08846	3.08846	0.0282732	1.43766	1.43766	0.2700151	1.89718	1.87918	1.86028	8.889316	4.24747	1
cg06872243	LOC81691;LOC81691;ER2;ER2		0.197186	0.789273	0.953299	-1.04899	0.218483	1.25999	1.25999	0.419538	0.863067	-1.15866	0.874221	0.972111	-1.02869	0.837863	1.03726	1.03726	0.282344	0.819166	-1.22075	0.0224015	0.6131555	-1.62985	0.0848763	0.711614	-1.40526	0.463079	1.14266	1.14266	1.86027	0.9390272	0.44881	1
cg19732547	RPH3AL		0.197187	0.027673	2.38283	2.38283	0.0001	0.262331	-3.81142	0.164028	0.28855	-3.46555	0.175186	0.405622	-2.46514	0.0313138	0.303721	-3.4161	0.351884	0.62797	-1.59343	0.153841	0.478354	-2.09065	0.028865	0.789317	-1.26683	0.0218	0.5798557	-1.72439	1.86026	6.948655	3.32027	1
cg26880661	KPNA5		0.197187	0.238065	0.697142	-1.43387	0.145664	0.634098	-1.57705	0.537405	0.847018	-1.18061	0.578862	0.84917	-1.17762	0.478201	0.810375	-1.234	0.060406	0.48152	-2.07605	0.0238494	0.144954	-6.89945	0.004454	-2.22449	0.129682	0.620404	-1.61185	1.86026	2.505229	1.1971	1
cg27480391	LHFP		0.197193	0.221957	0.420147	-2.38012	0.868815	0.864587	-1.11783	0.0617556	0.48096	-4.30896	0.922465	1.066373	1.066373	0.0994413	0.2283565	-4.37896	0.433917	0.58373	-1.70725	0.2251094	0.4209432	-2.36382	0.649454	1.3537	1.3537	0.1839099	0.387689	-2.57939	2.05125	15.61682	4.442988	1
cg16349827	VWA3B		0.197193	0.0803289	0.228378	-4.3787	0.181078	0.339281	-2.9474	0.118026	0.274802	-3.63899	0.416474	0.531435	-1.8857	0.0191553	0.115574	-8.65248	0.413418	0.54416	-1.8377	0.0713268	0.2158332	-4.63324	0.666802	0.719119	-1.39059	0.222924	0.377224	-2.65095	1.86024	17.0728	8.158	1
cg20808613	AEN		0.197197	0.088218	0.396907	-2.51948	0.0656224	0.362454	-2.75897	0.259454	0.561101	-1.78211	0.555734	0.74623	-1.34007	0.0786924	0.383195	-2.60964	0.23442	0.54237	-1.84455	0.0314232	0.2082823	1.11816	1.11816	0.27879	0.575144	-1.73869	1.86021	7.10835	3.39667	1
cg00352663	NRXN2;NRXN2		0.197199	0.983729	0.950137	-1.05409	0.0144059	0.568955	-1.75761	0.0176934	0.495334	-2.01884	0.799801	1.06396	1.06396	0.426852	0.82043	-1.21887	0.895022	0.968306	-1.03273	0.136274	0.675965	-1.47937	0.785617	1.06878	1.06878	0.1685185	1.00978	1.00978	1.86021	1.75343	0.837864	1
cg15708424	FAHD2A		0.197201	0.158401	1.38788	1.38788	0.518959	1.15273	1.15273	0.296878	1.26505	1.26505	0.254457	0.772075	-1.29521	0.760528	1.06871	1.06871	0.594521	0.88977	-1.12389	0.958283	0.9886693	-1.01144	0.0445914	1.65091	1.65091	0.0426381	1.66092	1.66092	1.8602	1.39225	0.665282	1
cg19192129	PNPLA5		0.197209	0.0414736	0.583947	-1.71249	0.641241	1.11335	1.11335	0.0426697	0.585513	-1.70558	0.988312	0.996654	-1.00336	0.728797	0.923449	-1.0829	0.385827	0.815943	-1.22556	0.564522	1.14255	1.14255	0.170578	1.39639	1.39639	0.4689651	0.8446868	-1.18362	1.86016	1.54224	0.736972	1
cg00285225	SLC7A5		0.197216	0.868359	0.8882218	-1.12605	0.706909	0.793805	-1.73805	0.0418165	0.457608	-2.19506	0.452486	0.614263	-1.62636	0.386007	-2.59063	0.814312	1.64676	1.16476	1.16476	0.186305	0.4932219	-2.48004	0.770354	1.20895	1.20895	0.3252383	0.941005	-1.06269	1.86012	12.3803	5.916091	1
cg09113070	ST3GAL5		0.197217	0.263615	0.63146	-1.58363	0.0237179	0.344745	-2.9007	0.0677928	0.446146	-2.24142	0.529542	0.77781	-1.28566	0.829161	1.08899	1.08899	0.909545	0.956153	-1.04586	0.139858	0.5343555	-1.87141	0.06760401	0.445841	-2.24295	0.355224	0.687155	-1.45528	1.86012	4.58521	2.19112	1
cg09534087	TBL1X;TBL1X;TBL1X;TBL1X;TBL1X		0.197218	0.66227	0.704283	-1.41988	0.143684	0.515	1.94175	0.0333073	0.24414	-4.09844	0.24114	0.22524	-4.43995	0.0133878	0.224114	-4.46012	0.455818	0.54607	-1.83106	0.475574	0.5682717	-1.75872	0.03301	0.2985705	0.011999	-1.09649	0.4821111	1.86011	18.7443	8.957311	1
cg18394614	PTPRT;PTPRT		0.197223	0.994041	0.998423	-1.00158	0.449669	0.622648	1.62648	0.0701715	0.08475	1.08475	0.0446721	0.614303	-1.62786	0.612284	1.37197	1.37197	0.240041	1.297	1.297	0.822108	1.04876	1.04876	0.602836	1.11736	1.11736	0.82265	0.953653	-1.0486	1.86009	3.13647	0.629107	1
cg12032396	TADA2B		0.197227	0.172326	1.139205	1.139205	0.697744	1.1897	1.1897	0.0955	0.828877	1.20588	0.0855	0.818569	1.22161	0.0855	0.905454	1.10435	0.905454	0.973382	-1.02735	0.2251094	0.4209432	-2.36382	0.649454	1.3537	1.3537	0.1839099	0.387689	-2.57939	2.05125	15.61682	4.442988	1
cg10726355	TBRG4;TBRG4;TBRG4		0.197227	0.765154	1.24012	1.24012	0.258895	2.33074	2.33074	0.443164	1.75361	1.75361	0.48313	1.66862	1.66862	0.0262949	0.1506068	6.63975	?	?	?	0.493973	1.64706	1.64706	0.490143	1.65461	1.65461	0.1697233	1.349689	-2.85968	1.87021	13.5873	7.26511	1
cg04935449	CLEC2L		0.197233	0.195971	0.50986	3.05986	0.691832	1.38518	1.38518	0.702228	1.36911	1.36911	0.930302	0.990594	-1.00932	0.170417	0.582644	0.461784	-2.16552	0.80506	0.867086	-1.11397	0.774031	0.79023	-1.26545	0.00771697	16.4325	6.450947	1.8742	1.8742	1.86006	19.7047	9.41654	1
cg20822066	IGFL1;IGFL1;IGFL1;IGFL1		0.197236	0.139306	0.2613134	3.82683	0.697744	1.3897	1.3897	0.0955	0.828877	1.20588	0.0855	0.818569	1.22161	0.0855	0.905454	1.10435	0.905454	0.973382	-1.02735	0.2251094	0.4209432	-2.36382	0.649454	1.3537	1.3537	0.1839099	0.387689	-2.57939	2.05125	15.61682	4.442988	1
cg18930143	FOXJ2		0.197241	0.0829616	0.780646	-1.28099	0.962975	1.00601	1.00601	0.286206	0.86687	-1.15357	0.753271	1.04151	1.04151	0.0936116	0.788317	-1.26853	0.0980561	0.791293	-1.26375	0.0405234	0.7370191	-1.35682	0.873726	1.02073	1.02073	0.1408865	0.815209	-1.22668	1.86	0.49016	0.234246	1
cg25330053	SOX20;SOX2		0.197243	0.658273	0.890091	-1.1239	0.047076	0.427196	2.33996	0.0710536	0.615384	1.62511	0.0554453	0.695885	1.43782	0.0461559	0.5744	-1.74039	0.444934	0.833384	-1.2145	0.8837855	1.03709	1.03709	0.7597438	0.867485	-1.15276	0.5768356	1.15069	1.15069	1.85998	1.82619	0.827274	1
cg25453681	ZNF576;ZNF576;ZNF576;IRGQ		0.197249	0.676415	0.958266	-1.04355	0.009846	0.988561	-1.01157	0.395452	1.09242	1.09242	0.0911754	0.732175	0.963534	-1.03785	0.0945417	1.39659	1.39659	0.277645	1.1215	1.1215	0.233911	0.880955	1.13913	1.13913	0.1000419	1.300319	1.85996	0.3038871	0.145223	1
cg21902966	SATB1;SATB1		0.197252	0.53398	1.44583	1.44583	0.491141	1.50579	1.50579	0.586415	1.37924	1.37924	0.661739	1.29393	1.29393	0.365399	0.580227	-1.72946	0.952482	0.965721	-1.0355	0.875933	0.9126071	-1.09576	0.015008	5.75464	5.75464	0.0456047	3.82534	3.82534	1.85994	10.0918	4.82298	1
cg26429042	TRAPPC9;TRAPPC9		0.197253	0.921395	0.9811	-1.01907	0.224887	1.41464	1.41464	0.0440608	1.53154	1.53154	0.0333073	1.24414	1.24414	0.05524	1.56007	1.56007	0.8109727	1.1986491	-1.1206	0.2106	0.4958618	0.6460407	-1.54783	0.9441	0.9441	-1.05914	0.7753337	1.0738	1.0738	1.85994	1.82619	0.827274	1
cg05830848	CNGB1;CNGB1;CNGB1;CNGB1		0.197254	0.109538	0.426944	-2.34223	0.0828312	0.391815	-2.55222	0.119189	0.438272	-2.28169	0.501647	0.717009	-1.39468	0.0634853	0.361343	-2.76745	0.067662	0.368403	-2.71442	0.148094	0.469135	-2.13158	0.0631779	0.360811	-2.77153	0.416762	0.667077	-1.49908	1.85994	7.00883	3.35009	1
cg19246266	GPR177;GPR177		0.197255	0.0356431	0.2611	3.82911	0.0845	0.755295	1.32399	0.199123	0.684839	1.46064	0.0466	0.688877	1.45164	0.0466	0.8516	1.17414	0.8516	0.8516	1.17414	0.220483	0.7746407	-1.29075	0.1197	0.8359	1.19603	0.0356431	0.2611	3.82911	0.0845	0.755295	1.32399	0.199123	1
cg15802196	DLG4;DLG4		0.197261	0.262328	0.658647	-1.51826	0.675863	0.860506	-1.16211	0.0090614	3.27064	3.27064	0.339001	1.42207	1.42207	0.63749	0.8440221	-1.1848	0.819809	1.08493	1.08493	0.315772	1.44857	1.44857	0.681462	1.1588	1.15888	0.922319	1.035146	1.03546	1.8599	3.76007	1.79702	1
cg00244894	PSAP;PSAP;PSAP;PSAP;PSAP;PSAP;MFSD2;MFSD2;MFSD2;MFSD2;MFSD2;MFSD2		0.197264	0.413779	0.506143	-1.97573	0.714989	0.74163	-1.34838	0.718607	0.744601	-1.343	0.0862512	0.631209	-1.58402	0.0120593	0.0779693	-12.8256	?	?	?	0.198947	0.330783	-3.02313	0.94096	1.06223	1.06223	0.928361	1.07604	1.07604	1.85987	0.17485	9.35149	1
cg25447144	SZT2;MIS2		0.197268	0.580755	0.723446	-1.38227	0.20084	0.456548	-2.19035	0.48082	0.659761	-1.5157	0.109665	2.75137	2.75137	0.107315	0.360571	-2.77338	0.821323	0.876975	-1.14028	0.562499	0.7119905	-1.40468	0.050036	3.65771	3.65771	0.83995	1.12452	1.12452	1.85987	9.92065	4.74139	1
cg22388800	FBN1		0.197269	0.19647	0.488221	-2.04837	0.0466	0.247659	-4.0369	0.0178562	0.13605	-7.34615	0.0557358	0.363264	-2.75274	0.0111302	0.165841	-6.0305	0.0479781	0.85878	-1.16469	0.0214134	0.1319934	-7.57811	0.0108621	0.185987	0.5392	-1.85412	0.0031923	-1.10949	0.085959	0.991857	-1.00821	1.85987	0.93923	1
cg25775449	LTB4R;LTB4R;CIDE8		0.197271	0.37314	0.731116	-1.36777	0.621697	0.843346	-1.18575	0.0349077	0.430807	-2.32123	0.091874	0.52958	-1.88829	0.0215533	0.2655	-3.76754	0.794835	0.09337	1.09337	0.0245642	0.3995593	-2.50255	0.917183	0.964998	-1.03627	0.408867	0.749234	1.3347	1.85985	4.5563	1.65189	1
cg06280512	PIKD2;PIKD2;PIKD2;PIKD2;PIKD2		0.197271	0.0283628	0.560774	-1.78325	0.776518	1.06568	1.06568	0.725195	0.924144	-1.08208	0.0427876	0.593806	-1.68405	0.0921434	0.660749	-1.51343	0.398498	0.824304	-1.21315	0.122821	0.6881184	-1.4531	0.87352	0.965018	-1.03625	0.345891	0.804947	-1.24232	1.85985	1.47166	0.703557	1
cg12565335	MYT1L		0.197272	0.421758	0.802224	-1.24648	0.161384	0.610555	1.63784	0.0902278	0.37508	-2.66578	0.0911342	0.554	-1.80523	0.0127478	0.0450797	-22.1866	0.0867892	0.723938	-1.38133	0.160099	1.29218	1.29218	0.39291	1.16122	1.16123	0.7778192	0.952914	-1.04941	0.3984	0.8293223	0.4108566	1
cg08805041	PIGQ;PIGQ		0.197275	0.0669153	0.342598	-2.91887	0.84944	0.905639	-1.10419	0.343096	0.600864	-1.66427	0.378735	0.624391	-1.60156	0.031827	0.269248	-3.71405	0.128725	0.424742	-2.35437	0.0417341	0.2939993	-3.40138	0.201619	0.49497	-2.02033	0.258418	0.540645	-1.84964	0.45983	0.01179	3.82916	1
cg09839279	AAC5		0.197276	0.170246	0.3705	-2.69934	0.184825	0.39955	2.50287	0.0476464	0.31566	-3.16566	0.564392	0.727552	-1.37452	0.538143	0.7709	-1.29752	0.324246	0.2677344	0.3077904	3.73444	0.6504	-1.53753	0.0683	0.2600564	0.0260	-3.84607	0.1644361	0.6444131	0.825492	1.26854	0.4861	1
cg23460493	PLAG1;PLAG1;PLAG1;PLAG1;PLAG1;PLAG1		0.197277	0.315356	1.36363	1.36363	0.0597268	1.88651	1.88651	0.473152	0.804313	-1.2433	0.108906	1.68594	1.68594	0.15567	1.57434	1.57434	0.794848	0.925106	-1.08096	0.57456	0.8441137	-1.18464	0.0562666	1.90753	1.90753	0.7474412	0.907979	-1.10135	1.85982	2.62888	1.25645	1
cg09095914	PDE6B;PDE6B;PDE6B		0.197278	0.0753376	0.337767	-2.96413	0.113804	0.308013	-2.57061	0.570312	0.729054	-1.36996	0.111348	2.59023	2.59023	0.560558	1.38121	1.38121	0.102913	0.737664	-2.66213	0.430064	0.7663423	0.666023	-1.50145	1.85982	8.87055	4.23962	1
cg16286249	TRIM62		0.197281	0.452163	0.879745	-1.13669	0.107145	1.3494	1.3494	0.103873	1.34645	1.34645	0.888814	1.02367	1.02367	0.660534	1.07673	1.07673	0.321	1.1871	1.1871	0.015826	1.6396	1.6396	0.405516	1.15299	1.15299	0.843672	0.967514	-1.03358	1.85979	0.82416	0.393908	1
cg04855447	ANUBL1;ANUBL1		0.197283	0.636681	0.89393	-1.11899	0.564	0.865127	-1.15597	0.553478	0.815599	-1.22639	0.669958	0.951563	-1.05103	0.883807	-1.13126	0.7957	0.946038	0.984137	-1.01597	0.9744024	0.9342161	-1.07099	0.570114	1.07099	1.07099	0.5413471	1.15727	1.15727	1.85979	1.6417	0.785605	1
cg20818283	TMEM194B		0.197289	0.114024	1.33363	1.33363	0.753823	0.948681	-1.0541	0.360124	1.17065	1.17065	0.152717	1.29238	1.29238	0.195856	1.25742	1.25742	0.048343	1.45878	1.45878	0.15714	0.77618	-1.28836	0.5646951	0.907109	-1.1024	0.7698141	0.10036	1.05036	1.85976	0.8260012	0.394799	1
cg03808043	MIR579		0.197290	0.515969	0.923399	-1.08296	0.073139	0.785267	-1.27356	0.2544939	0.742846	-1.34617	0.594191	0.937926	-1.06723	0.324663	0.8840934	-1.13096	0.344403	0.888838	-1.12505	0.099177	0.5137	1.24779	1.24779	0.4328812	0.907688	-1.1017	0.7056071	0.955118	-1.04689	1.85975	0.435215	0.206056	1
cg17648119	SLC6A12;SLC6A12;SLC6A12		0.197297	0.914723	0.9753	-1.02535	0.0437	0.581504	-1.71512	0.257737	1.33376	1.33376	0.3497398	0.960827	-1.04131	0.583151	0.876588	-1.14066	0.24117	1.3827	1.3827	0.0417082	0.5013597	-1.99458	0.798984	1.16244	1.16244	0.14722	1.44682	-1.45612	1.85972	1.66131	0.7839559	1
cg27205688	RRAS2;RRAS2		0.197303	0.836957	0.947525	-1.05538	0.3079	1.30017	1.30017	0.769152	1.08002	1.08002	0.748418	0.919271	-1.08782	0.80039	1.06852	1.06852	0.0502372	0.557726	-1.79299	0.0163154	0.3869583	-2.58403	0.155789	0.807754	1.06802	1.06802	0.96551	1.10138	1.10138	1.85969	2.01537	0.9633	1
cg00240119	HMOX1		0.197304	0.311366	0.6466	-1.54656	0.351986	0.784557	1.27435	0.0917351	1.36681	1.36681	0.152783	1.28108	1.28108	0.144796	1.29397	1.29397	0.639852	0.92702	-1.08026	0.397193	0.958969	-1.04309	0.491997	1.25427	1.25427	0.0616283	1.4118	-1.41118	1.85969	1.37823	0.737823	1
cg00907661	ZDHHC20		0.197308	0.20693	1.35678	1.35678	0.163696	1.40595	1.40595	0.463955	1.18634	1.18634	0.0804256	1.55975	1.55975	0.958433	0.988123	-1.01202	0.200194	1.3637	1.3637	0.758972	1.0731	1.0731	0.0467144	0.593316	-1.68544	0.533003	1.15575	1.15575	1.85967	1.54771	0.739779	1
cg13869600	RET;RET		0.197311	0.706119	0.858686	-1.16457	0.157259	1.83731	1.83731	0.111785	2.00673	2.00673	0.86172	0.932283	-1.07264	0.849406	1.07945	1.07945	0.736546	1.14545	1.14545	0.990887	1.0355	1.0355	0.0204572	0.325197	-3.07506	0.401408	0.707927	-1.41258	1.85966	4.764	2.27711	1
cg14972002	C7AM122;C7AM122;C7AM122;C7AM122		0.197313	0.0214947	0.00546882	-182.255	0.756147	1.76909	1.76909	0.90558	1.24261	1.24261	0.17399	14.4797	14.4797	0.425437	4.45738	4.45738	?	?	?	?	?	?	0.762923	1.7402	1.7402	0.589	2.71801	2.71801	1.95964	79.1744	40.4025	1
cg10482637	CSRP1;CSRP1		0.197315	0.624263	0.775577	-1.29007	0.0473	0.688408	1.45323	0.1105	0.765467	1.30623	0.111105	0.785967	1.27273	0.0881637	-1.13428	0.796171	0.883707	-1.13175	0.0839254	0.5436024	1.83957	0.476209	0.103834	1.34834	1.34834	0.1653941	1.23278	1.23278	1.85966	1.10099	0.51658	1
cg23463205	PNLIP;PNLIP		0.197316	0.381906	0.677478	-1.47606	0.461024	0.721908	-1.38522	0.193256	0.550029	-1.81809	0.353011	0.660373	-1.5143	0.0170556	0.2828641	-3.53526	0.312087	0.635055	-1.57467	0.2303461	0.307232	-3.25487	0.708296	0.849428	-1.17726	0.394533	0.684785	-1.46031	1.85963	5.55264	2.65412	1
cg08909366	FOXK1		0.197322	0.0999366	0.322007	-3.10607	0.0407	0.315522	3.16822	0.0250057	0.629503	-1.58877	0.0249847	0.477454	-2.09477	0.0214751	0.2214227	-4.51669	0.225115	0.581351	-1.72042	0.0407746	0.1047	1.1047	0.492748	1.12511	1.12511	0.0973852	0.8890181	-1.14574	1.85963	3.97014	1.9057	1
cg21034676	TGFBI		0.197323	0.0306477	15.2022	15.2022	0.102782	2.7722	2.7722	0.77229	0.302482	3.14152	3.14152	0.176209	4.66923	4.66923	0.100875	6.85934	6.85934	?	?	?	?	?	?	0.130105	3.76712	3.76712	0.641977	1.65166	1.65166	0.0479128	11.2865	11.2865	0.448375	2.28872	2.28872	1.8596	33.8244	16.168	1
cg16816961	ALDH1L1		0.197332	0.839569	0.884505	-1.13058	0.0056767	0.111117	-8.99956	0.582309	1.39979	1.39979	0.541541	1.45379	1.45379	0.400539	0.595986	-1.67789	0.439078	0.620138	-1.61254	0.557528	0.698277	-1.4321	0.923354	0.943401	-1.06	0.763583	0.833069	-1.20038	1.85955	10.7962	5.1607	1
cg12288834	MRPL44		0.197339	0.0719324	0.2613134	3.82683	0.0845	0.755295	1.32399	0.199123	0.684839	1.46064	0.0466	0.688877	1.45164	0.0466	0.8516	1.17414	0.8516	0.8516	1.17414	0.220483	0.7746407	-1.29075	0.1197	0.8359	1.19603	0.0356431	0.2611	3.82911	0.0845	0.755295	1.32399	0.199123	1
cg07713027	RHOG		0.197341	0.412624	0.827442	-1.20854	0.700086	0.916195	-1.09147	0.532223	1.15381	1.15381	0.192706	0.732161	-1.36582	0.142007	0.699781	-1.42902	0.394174	0.820897	-1.21818	0.0244403	1.83359	1.83359	0.766183	1.06976	1.06976	0.4880021	1.17271	1.17271	1.85951	1.50595	0.719879	1
cg07385423	FCRLB		0.197343	0.0609269	0.2613134	3.82683	0.0845	0.755295	1.32399	0.199123	0.684839	1.46064	0.0466	0.688877	1.45164	0.0466	0.8516	1.17414	0.8516	0.8516	1.17414	0.220483	0.7746407	-1.29075	0.1197	0.8359	1.19603	0.0356431	0.2611	3.82911	0.0845	0.755295	1.32399	0.199123	1
cg

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1531 vs. N)	Fold-Change(1531 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg04436810	MGMT	0.197518	0.409429	0.653859	-1.529382	0.6385437	0.2990096	-1.34341	0.1145011	0.421275	-2.37377	0.720321	0.19848	1.19846	0.3115051	0.5926628	-1.6874	0.380967	0.636	-1.57292	0.0853574	0.333731	-1.60599	0.1841122	2.03309	2.03309	0.808306	0.8844645	-1.1304	1.85864	7.46372	3.57045	1
cg10523105	PNMA1;PNMA1	0.197522	0.387629	0.605833	-1.65062	0.2948877	1.84932	1.84932	0.147793	2.26329	2.26329	0.117029	2.6212	2.6212	0.1428048	0.4101223	-2.43829	0.202461	2.14165	2.14165	0.4097442	0.6205561	-1.61143	0.4358308	0.6376052	-1.56825	0.2327291	0.492574	-2.03015	1.85862	9.42849	4.50919	1
cg05833946	ARHGEF10	0.197523	0.2886681	0.468172	-2.13597	0.0471932	0.2091446	-4.78135	0.0484744	0.2115556	-4.72687	0.461612	1.67597	1.67597	0.197717	0.3913164	-2.55517	0.551751	0.660436	-1.51415	0.31628	0.489743	-2.04189	0.2608899	0.445787	-2.24322	0.32251	2.02211	2.02211	1.85862	13.9749	6.68354	1
cg06131239	DHX16;DHX16	0.197525	0.0934483	0.663752	-1.50659	0.741666	0.9291571	-1.07625	0.1496905	0.7070648	-1.41313	0.7572652	0.1934561	-1.07129	0.3913552	1.215425	1.215425	0.1211686	0.6884771	-1.45249	0.3917666	0.8222911	-1.2152	0.1419843	0.7040957	-1.42027	0.1123003	1.467111	1.467111	1.85862	1.45249	0.694661	1
cg18976869	DTUD4;DTUD4;DTUD4	0.197523	0.0945541	0.834813	-1.19787	0.0935526	1.19866	1.19866	0.670617	1.04293	1.04293	0.11502	0.845398	-1.18287	0.674102	0.9592297	-1.04243	0.0734697	0.821949	-1.21662	0.298809	0.8996	-1.11161	0.629002	0.953307	-1.04898	0.78085	1.02778	1.02778	1.85862	0.2845152	0.135896	1
cg06300336	TBC0	0.197524	0.857778	1.04418	1.044418	0.3750902	0.802299	-1.24535	0.373035	0.802219	-1.24659	0.2437777	1.3417	1.3417	0.2754434	0.7607358	-1.31451	0.198593	1.38741	1.38741	0.0213069	1.94838	1.94838	0.9578828	0.9873552	-1.01281	0.5498473	0.8645115	-1.15699	1.85861	1.70996	0.8177798	1
cg24047187	C2orf55	0.197524	0.273621	0.515396	-1.94026	0.0187208	0.1905586	-5.24697	0.130374	0.3865557	-2.58694	0.209674	0.463375	-2.15808	0.528356	0.6895092	-1.45013	0.224421	0.47594	-2.1011	0.0501603	0.2727749	-3.66637	0.120893	0.375846	-2.66066	0.334047	0.5600387	-1.78544	1.85861	9.96388	4.76527	1
cg01885121	KIFC1	0.197526	0.4605934	0.72947	1.372047	0.1810148	0.7880505	-1.26901	0.5001523	0.5885162	-1.69733	0.459353	2.178	2.178	0.1222131	0.8888167	1.03779	1.03779	0.0549801	1.78112	1.78112	0.500224	0.6203518	-1.61208	0.8495636	1.05165	1.05165	0.6150599	0.8732692	-1.14588	1.8586	2.60962	0.9898007	1
cg17335933	GPR123	0.197529	0.0821864	0.556219	-1.67734	0.0126929	0.435242	-2.29757	0.705741	0.8132	-1.23015	0.7966	0.1829	1.18629	0.1530754	0.7748257	-1.29045	0.646049	1.13223	1.13223	0.753341	1.07987	1.07987	0.7976507	1.225735	0.738128	1.0943	1.0943	1.85859	2.12306	1.01537	1
cg15102430	FAM196B;DOCK2	0.197533	0.146087	0.248158	-4.02969	0.207204	3.2806	3.2806	0.617531	1.56778	1.56778	0.833267	1.20801	1.20801	0.0230299	0.8802088	-11.3367	0.855581	1.12444	1.12444	0.212402	0.309399	-3.23207	0.604286	0.626898	-1.59515	0.2060601	0.303812	-3.29151	1.85857	23.4828	11.231	1
cg16498741	SFRP1	0.197533	0.228775	0.492011	-2.4818	0.2408897	0.1833183	1.63303	0.0663	0.2300952	2.64329	2.64329	0.2700564	1.29578	1.29561	0.2809737	1.3892	0.3352	2.98308	2.98308	0.0238358	4.20273	4.20273	0.7826097	1.278	0.7826097	1.278	0.6957075	1.437	1.22014	0.3675722	1.96461	1.85857	10.2451	7.2119	1
cg23679085	AP2M1;AP2M1	0.197533	0.107076	0.742783	-1.34629	0.683253	0.9133005	-1.07181	0.304083	0.1917912	1.19712	0.381499	1.16384	1.16384	0.308395	1.19507	1.19507	0.109047	0.744236	1.34366	0.924002	1.02616	1.026126	0.426117	0.87165	-1.14725	0.6696873	0.40904	1.40904	1.85857	0.8410049	0.402245	1
cg14071758	ATP9B	0.197542	0.742104	0.870487	-1.07609	0.160657	0.716491	-1.39487	0.156172	0.71397	-1.40062	0.442382	1.19005	1.19005	0.121951	1.45109	1.45109	0.906769	0.974316	-1.02636	0.9335577	1.73572	1.73572	0.8813363	1.039558	0.9809869	0.994717	-1.00533	1.85852	1.45181	0.6945369	1
cg18531360	PO21;PO11	0.197549	0.527256	0.724893	-1.37953	0.439806	0.6727707	-1.48653	0.8024966	0.8819881	-1.13381	0.6570873	0.994291	2.94839	0.135589	0.8145795	-2.24318	0.600813	0.7670777	1.30365	0.8159007	1.22021	1.22021	0.6424209	0.7945	1.2345	0.8137211	0.8882012	-1.12587	1.85849	0.742558	0.3551454	1
cg17385318	GAK	0.197549	0.275893	1.56404	1.564044	0.48775	1.32074	1.32074	0.462439	1.34337	1.34337	0.433804	0.729667	-1.37049	0.0762768	0.355149	-2.81572	0.522124	0.774139	-1.29176	0.153911	1.82647	1.82647	0.437486	1.3669	1.3669	0.3109556	1.51237	1.51237	1.85849	4.583447	2.19221	1
cg16574551	LOC647121	0.197549	0.048716	0.455653	-2.19465	0.8084745	0.5351381	1.05381	0.3527125	0.1549	1.72965	1.72965	0.1729451	1.03491	0.5648	0.8163104	-1.42753	0.656445	0.855287	-1.1692	0.1818302	1.370706	-2.69756	0.8183052	0.9250528	-1.08105	0.2375511	0.649183	1.5404	1.85849	3.182332	1.71624	1
cg24612991	FOXD1	0.197552	0.00756409	0.477385	-2.09475	0.484123	0.8581122	-1.16535	0.393374	0.8284487	-1.20702	0.158574	0.723012	-1.3831	0.64126	0.9039448	-1.10626	0.376746	0.822672	-1.21555	0.521177	1.1502	1.1502	0.25197	0.77295	-1.29374	0.8609862	0.962981	-1.03844	1.85847	1.36316	0.6519866	1
cg19929522	CSMD1	0.197553	0.804587	0.968307	-1.03267	0.9393155	1.07344	1.07344	0.552216	1.0881	1.0881	0.749174	0.959258	-1.04247	0.808522	0.9690809	-1.03198	0.0127458	1.49377	1.49377	0.0654519	1.300756	1.30756	1.30756	0.862263	0.977735	-1.02277	0.4679834	0.9086557	-1.10053	1.85847	0.49489	0.236701	1
cg08637089	AMHGAP18;ARHGAP18	0.197554	0.110837	0.563469	-1.77472	0.0747896	0.5191651	-1.92618	0.165122	0.6533291	-1.63055	0.809747	0.5332406	-1.08929	0.7663039	0.906164	-1.10355	0.314053	0.719632	-1.3896	0.0320487	0.437345	-2.28651	0.0449967	0.467833	-2.13752	0.7512586	0.900685	-1.11027	1.85847	3.209333	1.535	1
cg02693002	OAT	0.197554	0.2674995	0.726928	-1.37565	0.295466	0.741156	-1.34924	0.112788	1.61057	1.61057	0.140038	0.645096	-1.55016	0.652419	0.8823138	-1.13335	0.910862	1.0314	1.0314	0.295923	0.7413811	-1.34883	0.2633382	1.37977	1.37977	0.0939156	1.66287	1.66287	1.85846	2.24373	1.07316	1
cg08106730	ZNF385A;ZNF385A	0.197554	0.1202609	0.634114	-1.577	0.5518052	0.9149099	-1.1756	0.0097258	0.4145607	-2.41192	0.207324	0.698081	-1.4325	0.2122089	0.7009514	-1.42659	0.358207	0.735	-1.36044	0.4819615	2.205838	2.205838	0.0135955	0.4083098	0.795679	-1.25679	0.1854646	2.150471	2.02855	1		
cg21408624	GRIB1;GPB1D;GRB10	0.197555	0.45264	0.812649	-1.23054	0.0934938	0.6149903	-1.64903	0.149403	0.4785901	2.11548	2.11548	0.3322113	1.31159	1.31159	0.3907	0.78322	-1.27678	0.235515	1.40087	0.3025089	1.97211	1.97211	0.901155	1.03427	1.03427	0.2894444	0.742196	-1.34735	1.85846	2.16396	1.03501	1
cg18157413	PABPC1	0.197556	0.8887751	0.964542	-1.03678	0.3351713	1.3008	1.3008	0.0827452	1.61605	1.61605	0.0800761	1.0692	1.0692	7	7	7	0.585091	0.8426	-1.18656	0.2048853	1.30071	1.30071	0.9001	1.11096	1.11096	0.5357752	0.6726031	-1.48676	0.8456	1.85842	0.8485691	0.4	1
cg25167641	PTPRZ1;PTPRZ1	0.19756	0.711848	1.15145	1.15145	0.0489511	1.39165	1.39165	0.191515	1.69871	1.69871	0.244281	0.626326	-1.59661	0.0540125	0.4284934	-2.33376	0.543803	0.7915	-1.26342	0.862462	0.936249	-1.06809	0.755605	0.888116	-1.12598	0.725305	0.874518	-1.14349	1.85815	3.35494	1.73983	1
cg06838096	UIX1	0.197561	0.354014	1.29395	1.293955	0.124008	1.56858	1.56858	0.209852	1.42926	1.42926	0.0441539	0.535316	-1.86805	0.128886	0.6417266	-1.5582	0.617918	0.872927	-1.14557	0.860492	1.04595	1.04595	0.015045	1.14891	1.14891	0.706731	1.107555	1.85843	2.14972	1.02821	1		
cg05912079	LIF6;LIF8	0.197561	0.8720776	0.945563	-2.19465	0.8084745	0.5351381	1.05381	0.3527125	0.1549	1.72965	1.72965	0.1729451	1.03491	0.5648	0.8163104	-1.42753	0.656445	0.855287	-1.1692	0.1818302	1.370706	-2.69756	0.8183052	0.9250528	-1.08105	0.2375511	0.649183	1.5404	1.85849	3.182332	1.71624	1
cg24543953	MMP1;MMP1	0.197562	0.0679032	0.345248	-2.89647	0.519471	0.712039	-1.40442	0.313247	0.58131	-1.72025	0.81573	0.88567	-1.12009	0.889624	0.930328	-1.07489	0.524094	1.39902	1.39902	0.0154573	0.2132668	-6.68893	0.923226	1.05141	1.05141	0.131738	0.4290545	-2.33076	1.85843	7.96161	3.80805	1
cg22004237	CAPN10;CAPN10;CAPN10;CAPN10	0.197562	0.0677553	0.329941	-3.03324	0.8733357	1.12477	1.11277	0.643352	1.23505	1.23505	0.380963	-1.62493	0.2324973	0.0234507	0.5022	-1.99153	0.148162	0.35349	-2.82907	0.0154403	0.3004317	-3.32979	0.7907	0.7907	0.275587	-1.28968	0.167068	0.2715697	-3.68219	0.49489	0.23408	1
cg07608290	CINP;TECPR2	0.197565	0.817896	0.978611	-1.02186	0.2957003	0.903344	1.107	0.5174766	1.04621	0.0377833	1.25337	1.25337	0.6449404	1.24076	1.24076	1.24076	0.591763	0.7205	1.05206	0.670953	1.043087	1.04087	0.938102	1.007331	1.00731	0.9852978	1.19522	1.19522	1.85841	1.258657	0.123717	1
cg18500192	KDNH8	0.19757	0.932918	0.978785	-1.02167	0.4043207	1.24278	1.24278	0.386634	1.25362	1.25362	0.7525688	1.09387	1.09387	0.611358	1.13942	1.13942	0.235525	1.37252	1.37252	0.269397	0.7460955	-1.34038	0.0173252	0.477962	-2.09222	0.334474	1.28857	1.28857	1.85839	1.90945	0.913313	1
cg26160564	LOC100133612	0.197571	0.8162611	0.968328	-1.03249	0.4093132	1.25339	1.25339	0.3975	1.26475	1.26475	0.4049473	1.46391	1.46391	0.6077715	1.8383333	1.83833	0.2052	1.40253	1.40253	0.0194573	0.2515783	-3.97329	0.7206623	0.7206623	-1.4275	0.2988	0.4054207	-2.46611	0.2715956	0.6845018	1.85839	0.6077	0.28756	1
cg16052044	PDE4DIP	0.197571	0.984749	1.01135	1.011135	0.127517	1.6466	1.6466	0.0663944	1.36338	1.36338	0.2605126	2.19659	2.19659	0.0409908	0.2483442	-4.02671	0.587792	1.38159	1.38159	0.641864	1.31869	1.31869	0.884916	1.515445	1.51545	0.7609398	1.19749	1.19749	1.85838	10.2671	4.9109	1
cg10444486	CRISP1;D2	0.197576	0.8783894	0.965442	-1.03581	0.3351713	1.3008	1.3008	0.0827452	1.61605	1.61605	0.0800761	1.0692	1.0692	7	7	7	0.585091	0.8426	-1.18656	0.2048853	1.30071	1.30071	0.9001	1.11096	1.11096	0.5357752	0.6726031	-1.48676	0.8456	1.85842	0.8485691	0.4	1
cg26347632	CDC42EP1	0.197576	0.417711	0.544486	-1.83659	0.0093055	0.0887581	-11.2666	0.0761111	0.234861	-4.25784	0.901304	0.912052	-1.09535	0.721235	0.7687744	-1.30082	0.264196	0.425584	2.34071	0.351714	0.4948434	-2.02084	0.4828666	0.592443	-1.68793	0.6490447	1.39979	1.39979	1.85836	15.8591	7.58574	1
cg26251506	DLX6AS	0.197576	0.837594	0.886828	-1.12767	7	7	7	0.27134	1.95448	1.95448	0.463129	0.645946	-1.54812	0.1723663	2.3396	2.3396	0.707811	0.802255	-1.24649	0.354979	0.579019	-1.74514	0.0301608	0.444561	0.444561	0.166192	2.3726	2.3726	1.86846	9.00784	4.821	1
cg03701200	RHOT2	0.197579	0.1132777	0.5	-1.99542	0.0585338	1.53324	1.53324	0.526733	1.13685	1.13685	0.6680449	1.08622	1.08622	0.3809064	1.1441	1.1441	0.725513	1.07304	1.07304	0.7955007	1.036991	1.03699	0.1874663	1.76755	1.76755	0.1005887	1.42361	1.42361	1.85835	1.17699	0.5824	1
cg12961845	TULP4;TULP4	0.19758	0.112977	0.603006	-1.65836	0.348551	0.753583	-1.32699	0.122124	0.611836	-1.63443	0.322981	0.741306	-1.34897	0.0317807	0.4780801	2.0917	0.147936	0.634358	-1.5764	0.387986	0.7714831	-1.2962	0.662725	0.879253	-1.13733	0.0297026	0.472202	-2.11774	1.85834	2.53047	1.21039	1
cg09972387	PLA2G4F;PLA2G4F	0.197581	0.0855972	0.542005	-1.84455	0.1570624	0.5838481	-1.56047	0.8935931	0.8479332	-1.14425	0.6911811	1.07062	-1.58466	0.5454227	0.9552264	-1.04557	0.0849044	0.74066	-1.35017	0.0384203	0.6513774	1.534766	0.8662007	0.9552264	-1.04557	0.8744107	0.9852978	1.31012	1.31012	1.85833	1.847756	1		
cg06594888	ERC1;ERC1;ERC1;ERC1	0.197583	0.547128	0.824171	-1.21334	0.28476	0.41546	2.41546	0.622937	1.16762	1.16762	0.701465	0.886527	-1.128	0.0209027	0.3541811	-2.82342	0.439075	0.785134	-1.27389	0.533814	0.2178	0.2178	0.952349	0.981486	-1.01886	0.347951	0.739206	0.3528	0.18328	1.85832	0.87787	1.37657	1
cg18528216	MTFR1;MTFR1;MTFR1	0.197585	0.6982	0.9097	-1.07415	0.297632	1.21921	1.21921	0.178268	0.7690981	-1.30025	0.695679	1.07483	1.07483	0.131792	0.74184	-1.348	0.977925	0.994934	-1.00509	0.0464345	1.52002	1.52002	0.331886	0.832129	-1.20174	0.180138	0.770056	-1.29861	0.58331	0.991785	0.474402	1
cg16247739	TCF7L1	0.197585	0.2464698	0.479646	-2.08511	0.2599552	0.1875	0.09375	0.1453165	0.29052	3.44315	3.44315	0.2892	1.20952	0.0152178	0.2902215	-3.44593	0.0849046	0.24066	-4.15603	0.0095204	0.1437973	-6.95443	0.2252	0.2252	0.0159463	-4.44201	0.0411237	0.1211	0.1211	1.85832	13.3029	6.13498	1
cg14507433	FAM120A	0.197595	0.282954	0.683138	-1.46383	0.654302	0.85494	-1.16694	0.374999	1.3648	1.3648	0.300223	1.44293	1.44293	0.1917027	0.3736096	-2.67597	0.263741	0.671714	-1.48873	0.434318	0.7614488	-1.31322	0.8123355	1.08462	1.08462	0.170763	0.6076168	-1.64577	1.85827	3.43356	1.64242	1
cg09728073	NEIL1	0.197596	0.57684	0.812654	-1.23055	0.2957003	0.903344	1.107	0.5174766	1.04621	0.0377833	1.25337	1.25337	0.6449404	1.24076	1.24076	1.24076	0.591763	0.7205	1.05206	0.670953	1.043087	1.04087	0.938102	1.007331	1.00731	0.9852978	1.19522	1.19522	1.85841	1.258657	0.123717	1
cg12573766	SNORD15A;RPS3	0.197606	0.683276	1.0708	1.0708	0.510888	1.11762	1.11762	0.775873	0.9535156	-1.04875	0.975206	0.698932	-1.43075	0.0559932	1.43475	1.43475	0.115583	0.751822	-1.3301	0.523626	0.8978222	-1.11381	0.344987	0.850272	-1.17609	0.527198	0.898676	-1.11275	1.85821	0.8189	0.391483	1
cg10897513	CHRNA7;CHRFAM7A	0.197613	0.365097	0.84862	-1.17851	0.940384	0.9945126	1.01252	0.1224	0.3744233	-1.94368	0.217861	0.998012	-1.00186	0.6415599	0.91833	-1.08933	0.1258	0.50256	-1.98998	0.0168668	0.2046485	-4.88663	0.2484	0.2484	0.0174203	-5.11113	0.0990968	0.1238	0.1238	1.85818	0.915357	0.437876	1
cg02689514	CBFA2T3;CBFA2T3	0.197616	0.095274	0.30319	-3.30319	0.2342	1.95599	1.95599	0.563588	0.707517	1.41439	0.3874559	1.61053	1.61053	0.1510548	0.6210864	-1.61053	0.6838334	0.336334	-2.9973	0.0356992	0.2984863	-3.52048	0.567004	0.732491	-1.3652	0.0904625	0.9933565	-1.00648	1.85816	0.57552	0.47452	1
cg03611245	TMEM132B	0.197617	0.42808	1.19049	1.19049	0.439934	1.185	1.185	0.569716	1.13181	1.13181	0.0467507	1.6334	1.6334	0.464073	0.8516436	-1.17421	0.0312499	1.72402	1.72402	0.164322	1.37682	1.37682	0.799933	1.05625	1.05625	0.0886516	1.49894	1.49894	1.85816	1.3668	0.653838	1
cg16238396	MAGI1;MAGI1;MAGI1	0.197654	0.1856351	0.569819	-1.75497	0.2613344	2.23904	2.23904	0.1145904	1.12304	1.12304	0.1994934	1.26642	1.26642	0.851321	0.9638262	-1.03756	0.0979353	1.49473	1.49473	0.0139733	0.2197242	-4.55127	0.3999	0.3999	-2.5008	0.0397329	0.1564868	-6.38915	0.1113	0.09968	1.85816	0.1853	0.047374	0.26003	1
cg06470689	TMED1	0.197643	0.497527	0.926788	-1.079	0.34963	0.8991169	-1.11214	0.490636	0.92562	-1.08036	0.489843	1.08051	1.08051	0.0200867	1.36289	1.36289	0.085702	1.23328	1.23328	0.452259	0.918939	-1.08821	0.997288	1.00038	1.00038	0.9482	1.00809	1.00809	1.85803	0.35861	0.17156	1
cg03916610	PYCSC	0.197643	0.2095449	0.4744	-2.10753	0.1078542	1.31336	1.31336	0.1813574	1.47253	1.47253	0.6044838	1.43919	1.43919	0.3077756	1.3996	1.3996	0.0754085	1.38492	1.38492	0.0294838	0.7436207	0.7436207	0.4896	0.4896	-2.04224	0.0494024	0.473759	1.22455	1.22455	1.85802	2.110784	1.00202	1
cg15188939	ARIH1	0.19765	0.650208	0.796195	-1.25597	0.912798	1.05621	1.05621	0.70015	0.824325	-1.21331	0.834809	1.10981	1.10981	0.0156371	0.2277343	4.39092	0.406839	0.654678	-1.52747	0.11559	0.4257225	-2.34893	0.263799	0.78877	1.78877	0.165584	0.47794	-2.09231	1.858	7.33401	3.50868	1
cg00080418	CDB8;CDB8;CDB8;CDB8;CDB8	0.197654	0.644109	0.10943	1.09943	0.609648	0.9003183	-1.11064	0.1124013	0.703151	-1.42217	0.539481	1.13495	1.13495	0.360913	1.21093	1.21093	0.113773	1.42387	1.42387	0.0236987	1.73376	1.73376	0.846264	0.961216	-1.04035	0.7147677	1.07766	1.07766	1.85798	1.22194	0.584597	1
cg17857827	KIAA0319L	0.197655	0.8923758	0.97209	-1.02911	0.2097318	1.72425	1.72425	0.1810566	1.14336	1.14336	0.1813574	1.4428	1.4428	0.1525502	0.8979051	-1.11388	0.2709783	1.49349	1.49349	0.0210557	0.3895055	0.3895055	0.8854	0.8854	-1.12929	0.4756	-2.10306	0.6068105	1.47971	1.47971	1.85797	1.5199	0.70717	1
cg13349328	PSMB3	0.197658	0.5766442	0.652133	-1.53343	0.307322	0.22774	0.22774	0.159584	0.12416	0.12416	0.0818167	0.2648882	-3.77526	0.324186	0.4622211	-2.16351	7	7	7	0.449053	1.79447	1.79447	0.09556658	0.4059	0.4059	0.253573	2.46882	2.46882	1.85805	15.1084	8.08779	1
cg16374826	PARK2;PARK2;PARK2	0.197659	0.1199843	0.604464	-1.65299	0.1152202	0.6466066	1.48468	0.7538824	0.8014204	0.42161	-2.21283	0.5218585	0.4599264	0.0190202	0.503772	-1.98523	0.634721	1.19435	1.19435	0.6478193	1.20646	1.20646	0.7294513	1.197483	1.19783	0.607799	0.8252315	0.821166	1.82795	0.4002	0.31858	1	
cg19987800	TNFSF11;TNFSF11	0.197659	0.970822	0.992075	-1.00799	0.183363	0.735583	-1.35947	0.0336564	0.715555	1.71555	0.249813	0.769804	-1.29003	0.886227	0.969347	-1.03162	0.114024	1.4707	1.4707	0.124888	1.45168	1.45168	0.645602	1.10631	1.10631	0.147668	1.46198	1.46198	1.85798	0.148138	0.708685	1
cg07011711	DAGLA	0.197668	0.4512362	0.863253	-1.15841	0.472805	1.15016	1.15016	0.481589	1.14688	1.14688	0.44484	1.16093	1.16093	0.0218223	0.5901093	-1.69436	0.786305	0.949269	-1.05344	0.0849318	1.44048	1.44048	0.42847	1.16751	1.16751	0.8365634	0.9728042	-1.02796	1.85791	1.08004	0.516731	1
cg09976142	CCL22;L	0.197669	0.4011532	0.660824	-1.51496	0.754937	1.19399	1.19399	0.2638378	1.18847	1.18847	0.2423862	1.2219	1.2219	0.4644875	1.2844	1.2844	1.853	1.853	1.853	0.0595781	3.3441	3.3441	0.7013329	1.16568	1.16568	0.4185	0.4185	1.85791	0.47214	2.26003	1		
cg06470689	TMED1	0.197643	0.497527	0.926788	-1.079	0.34963	0.8991169	-1.11214	0.490636	0.92562	-1.08036	0.489843	1.08051	1.08051	0.0200867	1.36289	1.36289	0.085702	1.23328	1.23328	0.452259	0.918939	-1.08821	0.997288	1.00038	1.00038	0.9482	1.00809	1.00809	1.85803	0.35861	0.17156	1
cg03916610	PYCSC	0.197643	0.2095449	0.4744	-2.10753	0.1078542	1.31336	1.31336	0.1813574	1.47253	1.47253	0.6044838	1.43919	1.43919	0.3077756	1.3996	1.3996	0.0754085	1.38492	1.38492	0.0294838	0.7436207	0.7436207	0.4896	0.4896	-2.04224	0.0494024	0.473759	1.22455	1.22455	1.85802	2.110784	1.00202	1
cg15188939	ARIH1	0.19765	0.650208	0.796195	-1.25597	0.912798	1.05621	1.05621	0.70015	0.824325	-1.21331	0.834809	1.10981	1.10981	0.0156371	0.2277343	4.39092	0.406839	0.654678	-1.52747	0.11559	0.4257225	-2.34893	0.263799	0.78877	1.78877	0.165584	0.47794	-2.09231	1.858	7.33401	3.50868	1
cg00080418	CDB8;CDB8;CDB8;C

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2117 vs. N)	Fold-Change(1217 vs. 2117 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg09526758	LMO1;LMO3	0.197838	0.219394	0.593077	-1.69181	0.847795	0.924753	-1.08137	0.101432	2.07533	0.275033	0.857646	1.07584	1.072584	0.528568	0.771102	-1.29684	0.785772	1.1173	1.1173	0.01412443	0.291397	-3.43174	0.74903	0.884121	-1.13107	0.993822	1.00316	1.00316	1.85708	4.87499	2.33341	1
cg26819793	EGR1	0.19784	0.0610049	0.744361	-1.34343	2.668216	0.85279	-1.17262	0.250648	0.847185	-1.18037	0.348196	0.875356	-1.14239	0.295024	0.860833	-1.16167	0.089831	0.770657	-1.29759	0.418397	1.12057	1.12057	0.481828	0.906336	-1.10334	0.131864	1.25337	1.25337	1.93664	0.565382	0.227065	1
cg07797777	ZBTB7A	0.197846	0.245423	0.630929	-1.58497	0.00734298	0.269816	-3.70624	0.750432	0.88606	-1.12859	0.901553	0.95417	-1.04803	0.877873	0.943372	-1.06003	0.344071	0.691101	-1.44697	0.111895	0.518777	-1.92761	0.830331	1.08475	1.08475	0.4260654	0.734836	-1.36085	1.85704	4.22667	2.02314	1
cg21001273	MEGF6	0.197847	0.158752	0.320824	-3.11681	0.250099	0.47608	2.47978	0.531983	1.61244	1.612244	0.303476	0.94732	-1.05542	-2.23523	0.0310335	0.147969	-6.75704	0.663299	1.39179	1.39179	0.38654	0.3475B3	-2.87701	0.16157	0.323634	-3.08991	0.824456	0.845642	-1.18253	1.85703	16.7508	8.01795	1
cg01008866	CASR	0.197847	0.070553	0.54201	5.695256	0.169266	1.31066	1.31066	0.967905	1.03227	0.920914	0.933362	-1.0714	0.932487	0.678482	1.32422	1.32422	0.806123	0.843025	-1.1862	0.0148447	0.124792	-8.01334	0.327456	2.01774	2.01774	0.498716	1.61109	1.61109	1.85703	14.1829	6.78881	1
cg05641180	GOLGA8E	0.197845	0.0428221	0.273151	-3.66098	0.0722758	0.327388	-3.05448	0.354352	0.588361	-1.66964	0.317268	0.562434	-1.77799	0.0274502	0.234118	-4.27136	0.347083	0.583359	-1.71421	0.0881355	0.350804	-2.8506	0.37438	0.6601968	-1.66122	0.3323	0.573069	-1.74499	1.85702	9.1135	4.36232	1
cg06828538	TNRC18	0.197851	0.0810831	1.39219	1.39219	0.408016	0.865211	-1.15579	0.0363475	1.51628	1.51628	0.606508	1.09295	1.09295	0.393289	1.16137	1.16137	0.283685	1.20991	1.20991	0.131198	1.32153	1.32153	0.323459	1.19061	1.19061	0.0683161	1.41789	1.41789	1.85701	0.8607674	0.412019	1
cg27467552	PAK3	0.197851	0.0525863	0.538471	-1.85711	0.832853	0.947984	1.06116	0.455865	1.26497	1.26497	0.273106	0.72587	-1.37766	0.0360309	0.504017	-1.98406	0.465889	1.23176	1.23176	0.1564961	0.653395	-1.53047	0.485639	0.8195537	-1.2202	0.2715142	0.726035	-1.37564	1.85701	2.320858	1.11078	1
cg09887589	CLIC1	0.197853	0.085531	0.488146	-2.04857	0.0203498	0.140842	1.03846	0.683092	1.16385	1.163851	0.184754	0.588184	-1.70015	0.0167586	0.87149	-1.14746	0.913303	1.04195	1.04195	0.2950564	0.615733	-1.57299	0.0306015	2.61989	2.61989	0.566758	1.24416	1.24416	1.857	1.865826	2.00397	1
cg00399378	SH2D7	0.197854	0.20223	0.750739	-1.33202	0.335983	0.809571	-1.23522	0.0697218	0.649273	-1.54019	0.823998	0.953676	-1.04857	0.0397426	0.602732	-1.65911	0.73334	0.929772	-1.07553	0.158755	1.37816	1.37816	0.894961	0.9722665	-1.02853	0.449327	1.1784	1.1784	1.857	1.3335	0.638305	1
cg08285375	CGREF1;CGREF1;CGREF1;CGREF1	0.197855	0.0211752	0.224208	-4.46015	0.176092	0.315559	-3.16419	0.0134482	0.385155	-2.59636	0.0189312	0.658961	-1.51816	0.181574	0.423335	-2.36288	0.514477	0.699889	-1.4288	0.0484865	0.356955	-2.80147	0.607666	0.7921666	-1.26236	0.0545599	0.308404	-3.2425	1.85699	8.55688	4.09593	1
cg24954696	KALRN;KALRN	0.197856	0.291009	0.581281	-1.72034	0.483583	0.741661	-1.34832	0.102898	0.472836	-2.1149	0.88264	1.06397	0.0260102	0.329867	-3.03153	0.20507	0.570486	-1.75289	0.808295	1.10743	1.10743	0.198348	0.565163	-1.7694	0.056335	0.403682	-2.4772	1.85699	5.18249	2.48071	1
cg22176494	SEC11A	0.197858	0.416348	1.168	1.1568	0.0566161	1.49804	1.49804	0.0879168	0.712285	-1.40392	0.141569	0.744257	-1.34562	0.789445	0.951218	-1.05128	0.447951	0.865442	-1.15548	0.315116	1.20411	1.20411	0.513868	1.13169	1.13169	0.344318	1.19964	1.19964	1.85699	1.02694	0.491569	1
cg15940237	CCDC160	0.197858	0.0810686	0.443923	-2.25264	0.0165418	0.292505	-3.41875	0.853404	0.925276	-1.08076	0.800569	1.11213	1.112133	0.101456	0.470994	-2.12317	0.898187	0.947671	-1.05522	0.615264	0.906407	-1.10326	0.571679	1.27121	1.27121	0.72666	1.15883	1.15883	1.85698	5.18469	2.48178	1
cg16958775	SH3RF3	0.197859	0.163824	0.354865	-2.81797	0.0225296	0.148804	-6.72026	0.053425	0.216586	-4.61709	0.671911	0.743012	-1.34587	0.111661	0.298779	-3.34696	0.789322	0.829668	-1.2053	0.648626	1.37697	1.37697	0.230972	0.41638	-2.40165	0.756728	0.805197	-1.24193	1.85697	14.299	6.84461	1
cg10240150	CD28	0.197863	0.0478321	0.273151	-3.66098	0.0722758	0.327388	-3.05448	0.354352	0.588361	-1.66964	0.317268	0.562434	-1.77799	0.0274502	0.234118	-4.27136	0.347083	0.583359	-1.71421	0.0881355	0.350804	-2.8506	0.37438	0.6601968	-1.66122	0.3323	0.573069	-1.74499	1.85702	9.1135	4.36232	1
cg01269314	PINX1	0.19786	0.340763	1.3166	1.3166	0.0273953	0.481366	-2.07742	0.072425	0.570271	-1.75355	0.195507	0.681428	-1.46751	0.903631	1.03452	1.03452	0.910657	1.03195	1.03195	0.285908	0.733072	-1.36412	0.536721	1.19156	1.19156	0.336716	0.757667	-1.31984	1.85697	2.30861	1.10508	1
cg15889703	KIAA1967	0.197863	0.251791	0.553096	-1.80803	0.25015	0.71363	1.76383	0.356554	0.639042	-1.56484	0.134205	0.466417	-2.14401	0.022027	0.273153	-3.65854	0.386423	0.657539	-1.52085	0.50169	1.37688	1.37688	0.82871	1.10773	1.10773	0.331677	0.623165	-1.60471	1.85695	6.55817	3.33927	1
cg14517390	ACSBG1	0.196547	0.1567786	0.26827	0.0713707	0.244248	0.244248	2.44248	0.622752	0.804138	-1.24357	0.975423	1.03175	1.031755	0.0526689	0.376505	-2.65601	0.442765	0.706778	-1.41487	0.141633	0.496177	-2.01541	0.806058	1.15125	1.15125	0.234723	0.575604	0.7625	0.763	1.85695	5.783366	2.768463	1
cg14345676	HRH2;HRH2;HRH2	0.19787	0.917554	1.08417	1.08417	0.517532	1.66882	1.66882	0.683461	1.3771	1.3771	0.738161	1.29935	1.29935	0.70107	0.740034	-1.35129	0.578168	1.55028	1.55028	0.186558	2.98289	2.98289	0.0164474	0.101465	-9.85561	0.137388	3.4863	3.4863	1.85692	17.9167	8.57655	1
cg20746459	C1orf125;C1orf125;NPHS2	0.197872	0.535328	0.66202	-1.51045	0.0803205	0.295405	-3.3851	0.0434764	0.421984	-2.37017	0.0422185	0.775595	1.289505	0.0122731	0.98993	-1.01018	0.994249	1.00478	1.00478	0.969822	0.880192	1.13636	0.774921	1.72171	0.848848	0.881522	1.1344	1.85691	12.8638	6.15782	1
cg21598389	MYO1E	0.197873	0.438421	0.548581	-1.82288	0.2166048	0.123148	-8.1203	0.0382725	0.161369	-6.197	0.965033	1.03386	1.033864	0.542496	0.626037	-1.59735	0.366685	0.494354	-2.02284	0.12921	0.287812	-3.47449	0.118816	0.276328	-3.61888	0.843667	0.860713	-1.16183	1.85691	16.9726	8.12467	1
cg26454730	GNAL;GNAL;GNAL;CHMP1B	0.197873	0.618197	0.898533	-1.11292	0.446551	0.847721	-1.17963	0.87793	1.03327	0.240256	0.769655	-1.29928	0.0899419	0.671671	-1.48883	0.0542244	0.628014	-1.59232	0.0175897	0.540587	-1.84994	0.387965	0.82817	-1.20748	0.931285	1.01853	1.01853	1.8569	1.33342	0.638299	1
cg14542503	TBX22;TBX22	0.197875	0.0279826	0.261888	-3.81843	0.764522	0.85639	-1.16769	0.225136	0.51817	-1.92987	0.486846	0.694483	-1.43992	0.04964	0.314824	-3.17638	0.223544	0.516881	-1.93468	0.100989	0.395775	-2.52669	0.636348	0.782091	-1.27862	0.0735066	0.357101	-2.80032	1.85689	7.83214	3.74922	1
cg05380921	GPT2;GPT2	0.19788	0.424315	0.730785	-1.36839	0.376129	0.705309	-1.41782	0.976075	0.988539	-1.01159	0.487098	0.741091	-1.34978	0.131179	0.761787	0.575865	0.424254	0.731011	-1.36797	0.00749487	0.266121	-3.75486	0.870045	1.06496	1.06496	0.928628	0.966151	-1.03504	1.85687	4.34497	2.07995	1
cg09203719	CYP17A1	0.197886	0.0598782	0.651861	-1.53459	0.296418	0.439033	-2.27773	0.0971309	0.58076	-1.72267	0.576776	0.560509	-1.78459	0.0456675	0.241503	-4.14139	0.0946393	0.447283	-2.23548	0.0167389	0.144443	-6.92316	0.0912311	0.224383	-4.45644	0.0127205	0.167573	-5.97005	1.85684	17.0019	8.15899	1
cg24138422	ABCB1	0.197888	0.274697	0.520638	-1.92072	0.0249603	0.62823	1.62823	0.499073	1.48302	1.48302	0.362903	0.584509	-1.71084	0.0980189	0.352637	-2.83585	0.805618	0.86797	-1.15211	0.547151	0.704768	-1.41891	0.4374	1.57611	1.57611	0.805747	1.868054	1.152	1.85683	9.69955	4.6433	1
cg16761096	CDKL	0.197891	0.443727	0.658032	-1.51969	0.0304626	0.342209	-2.92219	0.0906427	0.537957	-1.85959	0.23103	0.613557	-1.62999	0.0296482	0.225644	-4.43379	0.130006	0.438186	-2.28219	0.0273732	0.174605	-5.72721	0.0777853	0.164463	-6.07883	0.0246	-5.5746	0.372778	1.85683	12.6882	6.74499	1.58319	1
cg06109284	TBC1D14;TBC1D14	0.197896	0.219421	0.391955	-2.55131	0.0121293	0.103554	-9.65684	0.060924	0.206799	-4.83736	0.95689	0.997177	-1.00283	0.249998	0.418172	-2.39136	0.719434	0.765283	-1.30671	0.162324	0.538939	-2.95048	0.595586	0.678151	-1.4746	0.953692	1.04302	1.04302	1.85679	15.4676	7.40471	1
cg00257697	BMP6A	0.197898	0.380774	0.578103	-1.7298	0.124564	0.362902	-2.75556	0.472402	0.56131	1.56131	0.0284148	0.206645	-4.83921	0.362271	0.565073	-1.76968	0.859158	0.897388	-1.11435	0.600364	1.38018	1.38018	0.948499	1.04016	1.04016	0.126207	2.74152	2.74152	1.85678	10.9267	5.23087	1
cg24698536	SSH1;SSH1	0.197899	0.13286	0.31982	3.12585	0.156561	1.15665	1.15665	0.0228063	0.766353	1.2868	0.623912	1.30559	1.305591	0.0244305	1.34757	1.34757	0.490544	0.709559	-1.40935	0.0441315	0.377242	2.65178	0.0144046	1.19358	0.116958	1.97722	1.85678	1.47188	1.85678	1.48104	0.801146	0.225327	1
cg02701443	PMS1;PMS1;PMS1	0.1979	0.928284	1.03242	1.032442	0.411916	1.34633	1.34633	0.369032	0.72107	-1.38683	0.412298	0.74295	-1.34599	0.409043	1.34891	1.34891	0.506889	1.26957	1.26957	0.107474	0.278823	2.78823	0.115555	1.8338	1.8338	0.196974	1.62173	1.62173	1.85678	3.69476	1.76878	1
cg04403049	VTI1B	0.197901	0.0818079	0.292384	-3.42016	0.094982	0.995869	-1.00415	0.64317	0.742693	-1.34645	0.660478	0.754388	-1.32558	0.143055	0.36656	-2.72807	0.137336	0.36046	-2.77423	0.0285993	0.192667	-5.19031	0.883453	1.09805	1.09805	0.0606934	0.259659	-3.8512	1.85677	11.9563	5.72381	1
cg11152302	NYNRIN	0.197906	0.0898083	0.447551	-2.23438	0.0358329	0.349773	-2.85736	0.630031	0.81767	-1.22303	0.328486	0.648161	-1.54283	0.226622	0.57942	-1.72586	0.327806	0.64774	-1.54383	0.0732935	0.423737	-2.35995	0.0375604	0.354408	-2.82161	0.271884	0.611575	-1.63512	1.85674	5.43537	2.60211	1
cg06457608	HLA-J;NCRNA00171	0.197903	0.694834	1.1292	1.1292	0.172417	1.23796	1.23796	0.0542457	1.16738	1.16738	0.236099	1.16915	1.169151	0.763413	1.04082	1.04082	0.770047	0.855407	-1.1693	0.315161	0.82578	1.21075	0.515647	1.85792	1.85792	0.389752	1.60068	1.60068	1.85674	1.83788	4.10079	1
cg21574186	UNC5C	0.197908	0.391036	1.62819	1.62819	0.0357934	1.87644	1.87644	0.317879	1.77297	1.77297	0.240525	0.505821	-1.97699	0.261191	0.522073	1.91544	0.635418	1.30332	1.30332	0.0816016	2.91703	2.91703	0.340535	1.72428	1.72428	0.882692	0.921366	-1.08535	1.85673	9.04716	4.33122	1
cg04280758	MAML2	0.197909	0.412752	0.684104	-1.46161	0.0826256	0.637109	-1.56917	0.729103	-1.28668	0.837097	-1.22086	0.816888	1.224792	0.780762	1.28156	1.28156	0.784078	0.815516	-1.22671	0.342113	0.436955	2.28839	0.0756482	0.649917	1.53939	0.656175	0.654161	-1.52842	1.85673	0.4804	0.256752	1
cg06484911	ATP8B3	0.197909	0.682461	1.49937	1.499377	0.315626	0.870638	-1.16579	0.686769	0.670964	-1.49039	0.169233	0.236428	-4.22962	0.166446	0.608177	-1.64426	0.097758	0.167153	-5.98256	0.672547	0.657959	-1.51985	0.672144	0.742083	-1.34722	0.0941	-10.6294	0.107019	1.85673	28.5134	13.6505	1
cg23404551	MYH4	0.197919	0.070649	0.383365	-2.60848	0.1180278	0.446902	-2.23763	0.444306	0.690651	-1.44791	0.888767	0.934613	-1.06996	0.107733	0.434718	-2.30034	0.371616	0.647015	-1.54556	0.502981	1.38074	1.38074	0.11489	0.443222	-2.2562	0.0406262	0.325635	-3.07092	1.85668	6.6238	3.37115	1
cg24682367	TRIO	0.197921	0.163194	0.317482	-3.14918	0.0626267	0.270033	-3.7028	0.984002	0.91924	-1.08764	0.0914202	0.39935	-2.50364	0.0911916	0.238424	-4.19429	0.20658	0.378856	-2.63956	0.0718062	0.162167	-6.16857	0.28873	0.548949	-2.6575	0.183288	0.259303	-3.85649	1.85667	26.8771	14.4655	1
cg19486412	AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1;A	0.197922	0.146969	0.423675	-2.3603	0.0630813	0.31552	-3.16937	0.112504	0.885468	-2.59425	0.85147	0.901745	-1.10896	0.0415997	0.273563	-3.65547	0.24377	0.510225	-1.95992	0.0435154	0.277816	-3.5995	0.320849	0.567833	-1.76108	0.574555	0.73129	-1.36745	1.85667	8.95197	4.2858	1
cg25430849	MCM7;MCM7;MCM7;AFAM1	0.197929	0.0795648	1.81371	1.81371	2.263781	0.700183	-1.4282	0.218559	0.673042	-1.48579	0.621185	0.16464	1.16464	0.65578	1.14713	1.14713	0.0639829	1.89073	1.89073	0.822464	0.933551	-1.07118	0.151963	1.59934	1.59934	0.235229	1.46321	1.46321	1.85663	2.75266	1.31788	1
cg08028651	CAV1	0.19793	0.547987	0.939751	-1.06411	0.824836	1.09069	1.09069	0.674297	1.27998	1.27998	0.428947	0.920776	-1.08604	0.537568	1.06589	1.06589	0.112845	0.838277	-1.19292	0.0909387	0.826677	-1.20956	0.35808	0.907917	-1.10142	0.908613	0.988331	-1.01181	1.85663	0.307222	0.147087	1
cg25998159	ZBTB20;ZBTB20	0.197931	7	7	0.8891951	1.08273	1.08273	0.451303	0.50932	1.502032	0.202803	0.484248	2.0656	7	7	7	7	7	7	-1.01958	0.400306	-2.49808	0.123514	2.46805	2.46805	1.9842	0.84402	0.344976	1
cg27253186	BRCA2;BRCA2	0.197931	0.801345	1.03207	1.03207	0.0847727	1.26957	1.26957	0.918651	0.98729	-1.01287	0.76816	0.963664	-1.03771	0.944437	1.00877	1.00877	0.820675	0.971972	-1.02884	0.0154691	0.689397	-1.45054	0.619608	0.939266	-1.06466	0.284961	1.14919	1.14919	1.85662	0.4609B7	0.220706	1
cg22949458	C10orf131	0.197933	0.959636	1.08414	1.08414	0.535435	1.04035	1.04035	0.206799	1.30101	1.30101	0.784056	1.07146	1.071459	0.547314	1.08573	1.08573	0.226477	1.27507	1.27507	0.0144305	1.28525	1.28525	0.0152664	1.80942	1.80942	0.0113945	2.21903	2.21903	1.85661	1.14826	0.549751	1
cg04119843	DVL1	0.197935	0.345038	0.871005	-1.1481	0.569625	0.921636	-1.08503	0.759274	1.04461	1.04461	0.225415	0.836029	-1.19613	0.603205	1.34578	1.34578	0.347881	0.817754	-1.14711	0.148991	0.802704	-1.24579	0.699494	0.94641	-1.05663	0.0923542	1.3009	1.3009	1.8566	0.592951	0.283889	1
cg05914372	VAV3	0.197936	0.0379753	0.284912	-3.50986	0.2225242	0.512241	-1.95221	0.356887	0.608875	-1.63968	0.0991421	0.389295	-2.56875	0.701245	1.22283	1.22283	0.352161	0.606735	-1.64817	0.869884	1.08932	1.08932	0.0483783	0.308175	-3.24491	0.121991	0.416964	-2.39829	1.8566	8.08013	3.83407	1
cg21642640	C21orf66;C21orf49;C21orf66	0.197937	0.0496231	0.727741	-1.37411	0.0551155	0.734504	-1.36146	0.518341	0.911271	-1.09737	0.272701	1.17585	1.175585	0.152138	1.09389	1.09389	0.809209	1.04912	1.03492	0.560271	0.918826	-1.08716	0.153041	0.804827	-1.2425	0.453538	1.11443	1.11443	1.85659	0.592026	0.283447	1
cg18283712	MUDENG;EXOC5;EXOC5;MUDENG	0.197938	0.732223	0.97791	1.03777	0.868451	0.862203	-1.16226	0.0326102	0.825507	-1.21132	0.0425597	0.714864	-1.39924	0.246489	0.405552	2.46498	0.111765	0.68501	-1.45979	0.0154979	0.124573	-8.00631	0.0254581	0.104955	1.09495	0.16519	1.4028	1.4028	1.85658	0.672628	0.321677	1
cg20198611	RXRB	0.197942	0.460174	0.759766	-1.31619	0.673578	0.856584	-1.16743	0.386212	0.722849	-1.38341	0.0281609	0.387838	-2.5784	0.557408	0.805093	-1.24209	0.41185	0.735957	-1.35877	0.0112811	0.313614	-3.18864	0.807727	0.914769	-1.09317	0.599939	0.82418	-1.21333	1.85657	3.92538	1.8794	1
cg20948812	NECAB1	0.197945	0.758645	0.874086	-1.14428	0.0232739	0.23845	-4.19345	0.0130374	0.21654	2.16564	0.497241	1.34804	1.348041	0.882731	0.938063	-1.06605	0.313408	0.636476	-1.57115	0.598186	0.794418	-1.25916	0.784112	1.80794	1.80794	0.6439909	0.723048	-1.38132	1.85656	5.52117	2.64344	1
cg17269424	NPHP4	0.197947	0.469274	0.821792	-1.21685	0.651099	0.885712	-1.12903	0.310099	0.755795	-1.32312	0.733562	0.912944	-1.09536	0.26104	0.731631	1.36681	0.007078227	0.395449	-2.52877	0.702001	0.902593	-1.10782	0.324087	1.31475	1.31475	0.803046	1.44046	1.05887	1.85654	2.08954	1.00045	1
cg04773926	TTYH3	0.197948	0.401842	0.91561	-1.09216	0.965549	0.995572	-1.00445	0.182817	0.864817	-1.15631	0.970328	1.00383	1.003771	0.310753	1.10753	1.10753	0.407147	1.09103	1.09103	0.0683256	1.23329	1.23329	0.0429472	0.787153	-1.2704	0.690466	0.959709	-1.04198	1.85654	0.3103172	0.148603	1
cg26200347	FAM171A1	0.197952	0.0636592	0.71994	-1.38894	0.0704608	0.245345	-4.07473	0.757803	0.944946	-1.05826	0.242114	0.799308	-1.25104	0.0611616	0.315359	-3.17091	0.636504	0.916536	-1.09116	0.242114	0.78676	1.78676	0.790561	1.04994	1.04994	0.846209	1.01243	1.01243	1.85653	0.9855006	0.471851	1
cg01627405	MIR1227;PLEKHJ1	0.197955	0.0375168	0.293511	-3.40703	0.183583	0.24745	-4.04745	0.851509	0.909209	-1.09986	0.424522	0.66084	-1.51323	0.246545	0.540385	-1.85053	0.833081	0.898353	-1.11315	0.137763	0.444071	-2.25189	0.274976	0.563648	-1.78048	0.0746917	0.364799	-2.74123	1.85651	7.5852	3.63177	1
cg01429913	PLEKHS5;PLEKHS5	0.197956	0.137273	0.30607	-3.26705	0.0881586	0.211455	-4.72815	0.183289	0.388641	-2.57358	0.400646	0.744867	-1.34287	0.0102728	0.155328	-6.43949	0.725402	0.896453	-1.11552	0.0854194	0.160736	-6.22163	0.0261451	0.644482	-1.55211	0.0750709	-13.3207	0.11522	1.85648	0.8801712	0.426468	1
cg27043531	FLJ22536	0.19797	0.565388	0.897703	-1.11395	0.203839	0.28438	1.28438	0.113236	1.37725	1.37725	0.894989	1.02398	1.023984	0.792251	1.05024	1.05024	0.727337	0.937063	-1.06716	0.0119188	0.79097	1.79097	0.541107	0.891463	-1.12175	0.969306	1.00717	1.00717	1.85643	0.103195	0.485497	1
cg01040759	ST3GAL5	0.197972	0.459602	0.881598	-1.1343	0.390251	0.715876	1.15876	0.11246	1.13538	1.13538	0.133528	0.704521	1.04516	0.204516	1.22543	1.22543	0.293294	0.833216	-1.20017	0.115839	0.751215	-1.33118	0.0846541	0.726739	-1.37601	0.385824	0.861744	-1.16044	1.85642	0.8236603	0.394356	1
cg00080960	LIBE2A;LIBE2A	0.197972	0.203807	0.485525	-2.06012	0.850455	1.10999	1.10999	0.0815891	0.743913	1.43388	0.0418189	0.615145	1.27033	0.128113	1.43388	1.43388	0.204117	0.728157	-1.37345	0.0134787	0.459431	-2.17589	0.0490353	0.146154	1.46154	0.169821	1.806084	1.24057	1.85642	8.98761	4.30143	1
cg25282410	TCP1;TCP1;MRPL18	0.197973	0.485723	1.54378	1.54378	0.299775	1.93233	1.93233	0.175497	2.4184	2.4184	0.370654	0.569194	-1.75687	0.774899	1.19215	1.19215	0.0142195	0.156611	-6.38525	0.553257	0.691764	-1.44558	0.922636	1.06135	1.06135	0.973568	0.979895	-1.02052	1.85641	11.0483	5.29015	1
cg18944377	TMEM211	0.197975	0.839824	1.05446	1.05446	0.58822	0.870408	1.37045	1.37045	1.31714	1.31714	0.861757	1.0704	1.0704	0.747233	1.09625	1.09625	0.760886	0.887486	-1.12614	0.344157	0.532158	1.87914	0.0413728	1.08145	1.08145	0.0119111	1.08645	1.08645	1.85641	0.4008561	0.214504	1
cg11548083	MSRA;MSRA;MSRA	0.197979	0.276231	0.39317	-2.54343	0.259323	0.63777	2.63777	0.245723	0.72013	2.72013	0.269081	0.966457	-1.03471	0.0190902	0.0965026	-10.3624	0.871652	0.875231	-1.14256	0.304284	0.440569	-2.40545	0.907642	0.908775	-1.10038

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13147822	MECOM;MECOM;MECOM;MECOM;MECOM;MECOM;MECOM	0.19819	0.885058	0.933555	-1.07117	0.516308	1.36726	1.36726	0.792388	0.882156	-1.13359	0.74725	0.857533	-1.16614	0.0791973	0.39601	-2.52519	0.48511	0.713772	-1.40101	0.163903	0.493569	-2.02606	0.0273218	3.45972	3.45972	0.63149	1.25822	1.25822	1.85536	6.639	3.1807	1
cg00390596	POLR1B;POLR1B	0.198191	0.341941	1.58811	1.58811	0.686006	1.21166	1.21166	0.412659	1.48535	1.48535	0.0503257	0.348583	-2.86876	0.205557	0.532144	-1.87919	0.358821	0.640373	-1.56159	0.256168	0.57127	-1.75049	0.146704	2.08713	2.08713	0.365657	1.55124	1.55124	1.85535	6.55678	3.14131	1
cg22909962	RPL7L1	0.198192	0.218631	0.822217	-1.21622	0.744102	1.0508	1.0508	0.336963	0.860906	-1.16157	0.482197	1.11412	1.11412	0.931176	0.987017	-1.01315	0.0157657	1.56451	1.56451	0.366656	0.86909	-1.15063	0.332529	0.859644	-1.16327	0.610651	0.925257	-1.08078	1.85535	0.672563	0.322222	1
cg06147651	KAT2B	0.198193	0.152028	0.365404	-2.7367	0.0149507	0.140413	-7.12186	0.062267	0.252354	-3.96269	0.977552	0.98171	-1.01863	0.674872	0.75822	-1.31888	0.654863	1.34338	1.34338	0.212012	0.422101	-2.3691	0.997126	1.00237	1.00237	0.632076	0.728703	-1.3723	1.85534	12.6479	6.05955	1
cg18464160	LOC400578	0.198193	0.4773	1.18409	1.18409	0.236703	0.748322	-1.33632	0.503201	1.17219	1.17219	0.631081	1.11979	1.11979	0.0752324	1.5892	1.5892	0.263432	1.31341	1.31341	0.0453926	0.584671	-1.71036	0.929378	1.02095	1.02095	0.290228	1.29264	1.29264	1.85534	1.60691	0.769864	1
cg22920873	C7orf55	0.198194	0.0480226	0.653327	-1.53063	0.851417	0.9653	-1.03595	0.483297	0.87443	-1.1436	0.173183	1.31387	1.31387	0.232077	0.789743	-1.26624	0.501658	0.879469	-1.13705	0.0532173	0.661222	-1.51235	0.133661	0.737358	-1.35619	0.981628	0.995672	-1.00435	1.85534	1.04236	0.499392	1
cg04527057	CDS2;PCNA	0.198198	0.226821	0.738166	-1.35471	0.668511	1.10856	1.10856	0.0674793	1.63257	1.63257	0.591402	0.878405	-1.13843	0.123449	0.670846	-1.49066	0.181745	0.712382	-1.40374	0.277884	0.763405	-1.30992	0.196286	0.721153	-1.38667	0.16791	0.703549	-1.42137	1.85532	1.68195	0.805829	1
cg16081609	DNAJC1	0.198198	0.343008	1.25854	1.25854	0.0641499	1.63175	1.63175	0.112013	1.50282	1.50282	0.353423	1.25201	1.25201	0.630145	1.12098	1.12098	0.28744	0.771065	-1.29691	0.03986	1.74933	1.74933	0.149729	1.4384	1.4384	0.990398	1.00284	1.00284	1.85532	1.62807	0.780012	1
cg21808837	LMAN2	0.198199	0.176665	0.72851	-1.37266	0.139416	0.704134	-1.42018	0.845637	1.04392	1.04392	0.141065	0.705312	-1.41781	0.282737	1.27911	1.27911	?	?	?	0.0968045	1.49483	1.49483	0.46426	1.17854	1.17854	0.496956	0.8589	-1.16428	1.86534	1.27727	0.684742	1
cg19701246	MOBP;MOBP	0.198201	0.198996	2.00165	2.00165	0.486353	1.43571	1.43571	0.759385	0.854632	-1.17009	0.158159	2.16296	2.16296	0.123056	0.425605	-2.3496	0.132965	2.29075	2.29075	0.475037	0.689748	-1.4498	0.320304	1.6906	1.6906	0.0698042	2.82007	2.82007	1.8553	7.68241	3.6807	1
cg02635033	SMOC2;SMOC2	0.198205	0.522918	1.15546	1.15546	0.411795	0.829203	-1.20598	0.317268	0.793957	-1.25951	0.22168	1.33199	1.33199	0.0521	1.63741	1.63741	0.422726	1.20052	1.20052	0.0288715	1.77726	1.77726	0.613507	1.12038	1.12038	0.920619	1.0225	1.0225	1.85529	1.46356	0.701206	1
cg17328052	EEPD1	0.198205	0.118883	2.04857	2.04857	0.848119	1.08462	1.08462	0.710261	0.853762	-1.17129	0.119253	2.04685	2.04685	0.0778618	2.29369	2.29369	0.166951	1.86685	1.86685	0.0310925	2.92149	2.92149	0.187895	1.80619	1.80619	0.965243	0.981708	-1.01863	1.85528	5.27434	2.527	1
cg20706768	EGFR;EGFR;EGFR	0.198207	0.568303	0.873552	-1.14475	0.17008	1.40854	1.40854	0.132492	1.4631	1.4631	0.593758	1.13452	1.13452	0.241868	0.750387	-1.33264	0.311799	0.782471	-1.278	0.0456791	1.71107	1.71107	0.365259	1.24369	1.24369	0.449999	0.834892	-1.19776	1.85527	1.61481	0.773678	1
cg01158679	ProSAPiP1	0.198211	0.918212	0.947591	-1.05531	0.0137507	4.93509	4.93509	0.03721	3.55225	3.55225	0.890812	1.07464	1.07464	0.924975	1.0506	1.0506	0.560111	0.734329	-1.36179	0.519147	1.40848	1.40848	0.942689	0.96302	-1.0384	0.678055	1.24456	1.24456	1.85525	8.07089	3.86692	1
cg17236293	C7orf28B	0.198212	0.332857	0.850482	-1.1758	0.627362	0.923754	-1.08254	0.093016	1.34932	1.34932	0.70826	1.06284	1.06284	0.544695	0.905387	-1.1045	0.129983	0.767075	-1.30365	0.248428	0.822336	-1.21605	0.675681	1.07059	1.07059	0.0569418	1.41803	1.41803	1.85525	0.772308	0.370029	1
cg03952112	NHSL2	0.198214	0.0295657	0.318745	-3.1373	0.483111	0.727532	-1.37451	0.608806	0.79424	-1.25906	0.695778	0.839137	-1.1917	0.117394	0.468128	-2.13617	0.0307794	0.322338	-3.10233	0.16468	0.516032	-1.93787	0.108895	0.458258	-2.18218	0.613502	0.79668	-1.25521	1.85524	5.85248	2.80406	1
cg13090417	PRPF39	0.198214	0.154815	1.51274	1.51274	0.0760899	0.584764	-1.71009	0.38334	0.784271	-1.27507	0.923288	1.02653	1.02653	0.142488	0.651458	-1.53502	0.121864	1.57748	1.57748	0.998074	1.00066	1.00066	0.228703	1.40973	1.40973	0.641371	1.136	1.136	1.85524	2.17118	1.04026	1
cg20081364	ISM1	0.198215	0.326914	0.849647	-1.17696	0.0984717	0.746976	-1.33873	0.85837	0.971653	-1.02917	0.0997162	0.747929	-1.33702	0.115181	0.759007	-1.31751	0.462962	0.886674	-1.12781	0.0954904	1.34291	1.34291	0.963702	1.00735	1.00735	0.383763	1.15463	1.15463	1.85523	0.761531	0.364868	1
cg24431318	CALM2	0.198218	0.794441	1.076	1.076	0.0173489	2.31321	2.31321	0.0616618	1.82472	1.82472	0.372361	1.29419	1.29419	0.840569	1.05813	1.05813	0.534877	0.838117	-1.19315	0.400563	0.784914	-1.27403	0.985088	0.994772	-1.00526	0.774454	0.922554	-1.08395	1.9346	2.35919	0.948475	1
cg19279973	COLQ;COLQ;COLQ;COLQ	0.19822	0.802075	0.913862	-1.09426	0.312613	1.4544	1.4544	0.219839	0.629585	-1.58835	0.703888	1.14677	1.14677	0.0374745	0.420709	-2.37694	0.713496	0.876118	-1.1414	0.0582138	0.464083	-2.15479	0.311144	1.45617	1.45617	0.369814	0.718706	-1.39139	1.85521	3.77915	1.81071	1
cg01415275	TMEM120A	0.198224	0.0151175	0.168109	-5.94852	0.10578	0.348064	-2.87303	0.88421	0.916636	-1.09095	0.441069	1.59882	1.59882	0.981783	1.01373	1.01373	?	?	?	0.527167	0.682016	-1.46624	0.59765	1.37457	1.37457	0.728757	1.23115	1.23115	1.86521	9.36888	5.02296	1
cg04724720	EFEMP2	0.198224	0.0181516	0.667776	-1.49751	0.0713832	0.753187	-1.32769	0.616092	0.931314	-1.07375	0.625791	0.933161	-1.07163	0.209712	0.830203	-1.20452	0.116544	0.786597	-1.2713	0.142102	0.800793	-1.24876	0.152741	0.806082	-1.24057	0.215398	0.832314	-1.20147	1.85519	0.582151	0.278929	1
cg14019861	ELK1;ELK1	0.198227	0.325987	1.68508	1.68508	0.151283	0.453301	-2.20604	0.210761	0.507384	-1.97089	0.125579	0.426164	-2.34651	0.0574362	0.330979	-3.02134	0.495296	1.42799	1.42799	0.248429	1.8604	1.8604	0.806237	1.13479	1.13479	0.427007	0.658822	-1.51786	1.85518	7.77862	3.72704	1
cg02563156	FHL2;FHL2;FHL2;FHL2	0.198234	0.139303	0.521141	-1.91887	0.373486	0.687827	-1.45385	0.07831	0.448813	-2.2281	0.344629	0.67117	-1.48994	0.0283964	0.346552	-2.88557	0.12439	0.505855	-1.97685	0.10483	0.483811	-2.06692	0.827116	0.914301	-1.09373	0.0883177	0.462877	-2.1604	1.85514	4.92977	2.36209	1
cg02083029	AARS2	0.198234	0.671365	1.06882	1.06882	0.47017	1.1214	1.1214	0.424209	1.13574	1.13574	0.0312205	0.674197	-1.48325	0.113365	1.30825	1.30825	0.419587	0.879316	-1.13725	0.122703	0.770413	-1.29801	0.899784	0.980543	-1.01984	0.922935	0.985023	-1.0152	1.85514	0.714586	0.342393	1
cg14095303	COL11A2;COL11A2;COL11A2	0.198234	0.0593276	0.419222	-2.38537	0.049569	0.400541	-2.49662	0.28389	0.634675	-1.57561	0.361741	0.681912	-1.46646	0.28227	0.633627	-1.57821	0.0553	0.41181	-2.42831	0.0408296	0.381315	-2.6225	0.424199	0.716551	-1.39557	0.407635	0.707581	-1.41327	1.85514	4.89993	2.34779	1
cg13784878	PHACTR4	0.198235	0.0809722	0.565042	-1.76978	0.0203488	0.438228	-2.28192	0.436239	0.791099	-1.26406	0.640683	1.14876	1.14876	0.976999	1.00854	1.00854	0.776265	0.919376	-1.08769	0.212971	1.4725	1.4725	0.515868	1.21454	1.21454	0.87216	1.04866	1.04866	1.85514	2.55733	1.22534	1
cg13981078	MTA1	0.198235	0.0333134	0.192165	-5.20386	0.180527	2.5674	2.5674	0.0756315	3.71106	3.71106	0.94329	1.0483	1.0483	0.780943	0.831226	-1.20304	0.327526	0.511608	-1.95462	0.796848	0.842773	-1.18656	0.684398	0.762635	-1.31124	0.367066	0.54096	-1.84856	1.85514	12.9185	6.18991	1
cg19869035	IQCE;IQCE	0.198237	0.127217	0.306142	-3.26646	0.0751204	0.241162	-4.14658	0.936037	0.944026	-1.05929	0.933216	0.941624	-1.06199	0.0852371	0.255236	-3.91794	0.255728	0.42678	-2.34313	0.0345525	0.170532	-5.864	0.0776794	0.244811	-4.08478	0.407783	0.544614	-1.83616	1.85513	15.1325	7.25076	1
cg04897931	RPH3AL	0.198237	0.126106	0.443957	-2.25247	0.785664	0.874813	-1.1431	0.0345056	0.298279	-3.35256	0.949697	1.03144	1.03144	0.112266	0.428106	-2.33587	0.292486	0.585166	-1.70892	0.602307	0.772633	-1.29428	0.0256262	0.272289	-3.67257	0.497211	0.713065	-1.4024	1.85513	7.07314	3.38911	1
cg03610323	STAC	0.198238	0.173629	0.760647	-1.31467	0.71524	1.0717	1.0717	0.254524	0.798642	-1.25213	0.0306078	0.61874	-1.61619	0.120525	0.727433	-1.3747	0.532088	0.887271	-1.12705	0.390201	1.18104	1.18104	0.422416	0.856532	-1.1675	0.0769292	0.689544	-1.45023	1.85512	1.04934	0.502794	1
cg03216491	MRAP;MRAP	0.198238	0.107086	0.768296	-1.30158	0.576005	0.918826	-1.08835	0.11165	0.771348	-1.29643	0.645143	1.07195	1.07195	0.993704	0.998818	-1.00118	0.534067	0.909952	-1.09896	0.0277683	1.47662	1.47662	0.914973	0.984124	-1.01613	0.421071	0.884122	-1.13107	1.85512	0.659677	0.316086	1
cg21708867	DCUN1D2	0.198245	0.176331	2.30324	2.30324	0.149515	2.45202	2.45202	0.0241425	4.7615	4.7615	0.176293	2.30343	2.30343	0.474531	1.52517	1.52517	0.118437	2.67463	2.67463	0.314159	1.8297	1.8297	0.841999	0.89062	-1.12281	0.059638	3.43383	3.43383	1.85509	9.89712	4.74233	1
cg09159619	SRP14	0.19825	0.607074	1.18837	1.18837	0.413428	1.32074	1.32074	0.136624	1.70495	1.70495	0.886063	1.04886	1.04886	0.272997	0.684148	-1.46167	0.6428	1.16812	1.16812	0.0395456	0.45289	-2.20804	0.0958064	0.544085	-1.83795	0.569895	0.826083	-1.21053	1.85507	3.25233	1.55841	1
cg15237047	SPC25	0.19825	0.509643	0.875494	-1.14221	0.300308	1.23784	1.23784	0.288051	1.24516	1.24516	0.0683594	0.666538	-1.50029	0.188352	1.31928	1.31928	0.131107	0.723219	-1.38271	0.162261	0.743334	-1.34529	0.532081	0.88178	-1.13407	0.632557	1.10049	1.10049	1.85506	1.16102	0.556324	1
cg07886860	ZNF621;ZNF621	0.198252	0.12731	0.704928	-1.41858	0.561865	1.13244	1.13244	0.234725	0.767883	-1.30228	0.11227	0.693048	-1.4429	0.339617	1.23208	1.23208	0.370044	0.822669	-1.21556	0.0294243	0.580484	-1.7227	0.881023	1.03227	1.03227	0.728586	1.07667	1.07667	1.85505	1.32111	0.633038	1
cg02957290	TRIM39;TRIM39	0.198255	0.497154	0.831085	-1.20325	0.197281	1.44171	1.44171	0.481337	0.825219	-1.2118	0.472461	0.821891	-1.21671	0.0460725	0.541436	-1.84694	0.560405	0.853831	-1.17119	0.797204	0.933219	-1.07156	0.0712626	0.582307	-1.71731	0.0564175	0.560028	-1.78563	1.85504	2.11652	1.01418	1
cg05953373	CBFA2T3	0.198255	0.0787039	0.185115	-5.40206	0.923818	1.08613	1.08613	0.826817	0.82756	-1.20837	0.256806	0.359742	-2.77977	0.0772519	0.183263	-5.45664	0.218091	0.326566	-3.06217	0.0744982	0.179709	-5.56455	0.0374776	0.124261	-8.04756	0.185737	0.297588	-3.36034	1.85504	21.9224	10.5047	1
cg27442839	LRRC8D;LRRC8D	0.198256	0.2778	0.560372	-1.78453	0.69406	0.816385	-1.22491	0.0810488	0.370599	-2.69834	0.624603	1.28799	1.28799	0.128503	0.430375	-2.32356	0.362222	0.618422	-1.61702	0.255732	0.543978	-1.83831	0.0514942	3.11917	3.11917	0.764602	0.857182	-1.16661	1.85503	7.73669	3.70724	1
cg00179328	PLCXD2;PLCXD2	0.198257	0.642911	1.15461	1.15461	0.632826	1.15975	1.15975	0.434995	1.27795	1.27795	0.799664	1.08145	1.08145	0.272548	1.4214	1.4214	0.0513342	0.505015	-1.98014	0.0447167	0.491864	-2.03308	0.522681	0.819155	-1.22077	0.318044	1.37407	1.37407	1.85503	2.78546	1.33473	1
cg23547515	ZNF347	0.198266	0.104171	0.747688	-1.33746	0.699949	0.939361	-1.06455	0.60322	0.918733	-1.08846	0.508373	0.897142	-1.11465	0.0196617	0.625726	-1.59814	0.221316	0.811299	-1.23259	0.198297	0.801448	-1.24774	0.509679	1.11427	1.11427	0.339948	1.17291	1.17291	1.93435	0.781428	0.314203	1
cg11393122	MGC45800	0.198268	0.136156	2.75895	2.75895	0.173338	2.49829	2.49829	0.544162	1.474	1.474	0.217655	2.26967	2.26967	0.225674	2.23473	2.23473	0.0750465	3.50042	3.50042	0.0409682	4.44032	4.44032	0.0354692	4.69908	4.69908	0.221468	2.25286	2.25286	1.85498	11.7342	5.62291	1
cg21877281	VPS33A	0.198269	0.618148	0.927727	-1.0779	0.753707	0.954102	-1.04811	0.82011	1.03459	1.03459	0.258391	1.19248	1.19248	0.978225	1.00408	1.00408	0.148067	0.793244	-1.26065	0.0117903	0.625321	-1.59918	0.825929	1.03343	1.03343	0.47833	1.1136	1.1136	1.85497	0.654658	0.313707	1
cg23036232	ETFDH	0.198269	0.522044	0.690323	-1.4486	0.315527	0.552822	-1.8089	0.12963	0.392528	-2.54759	0.99419	1.00417	1.00417	0.0653087	0.306751	-3.25998	0.136956	0.400526	-2.49672	0.0211417	0.205284	-4.8713	0.953331	1.03399	1.03399	0.144789	0.40882	-2.44606	1.85497	9.58315	4.59218	1
cg17949451	LIX1L	0.198272	0.0133224	0.483572	-2.06794	0.939075	1.01828	1.01828	0.448761	1.20071	1.20071	0.671814	0.903957	-1.10625	0.151587	0.694856	-1.43915	0.49392	0.848226	-1.17893	0.635587	0.893052	-1.11976	0.434967	1.20774	1.20774	0.346748	1.25807	1.25807	1.85496	1.64946	0.790412	1
cg06009010	GEMIN4	0.198272	0.337237	0.512133	-1.95262	0.121004	3.11812	3.11812	0.0731411	3.86401	3.86401	0.479819	1.62553	1.62553	0.0657985	0.247512	-4.04021	0.402911	1.78418	1.78418	0.413526	1.76017	1.76017	0.880878	1.10675	1.10675	0.514283	0.639338	-1.56412	1.85496	13.4396	6.44022	1
cg02663945	SAMD11	0.198275	0.0656587	3.26227	3.26227	0.371896	0.591695	-1.69006	0.582577	1.374	1.374	0.0758251	3.09891	3.09891	0.299346	1.85091	1.85091	0.6085	0.743999	-1.34409	0.600523	0.739017	-1.35315	0.175762	0.438659	-2.27968	0.211343	2.1249	2.1249	1.85494	9.62534	4.61246	1
cg03038726	TNN	0.198275	0.353537	0.777872	-1.28556	0.0443243	0.544524	-1.83646	0.592887	0.867606	-1.1526	0.537923	1.17836	1.17836	0.687117	0.898931	-1.11243	0.563701	1.16602	1.16602	0.0293372	1.96489	1.96489	0.786156	0.930939	-1.07418	0.785524	0.930736	-1.07442	1.85494	2.03436	0.974867	1
cg02242239	PRKCE	0.198277	0.838224	0.937542	-1.06662	0.0566101	0.506216	-1.97544	0.997633	1.00094	1.00094	0.665277	0.871688	-1.1472	0.0287258	0.443123	-2.25671	0.773322	0.912917	-1.09539	0.575789	1.19524	1.19524	0.605652	1.17857	1.17857	0.14823	1.63116	1.63116	1.85493	2.92393	1.40115	1
cg17132124	KLHDC9;KLHDC9;KLHDC9	0.198279	0.402444	0.591957	-1.68931	0.182371	2.37735	2.37735	0.0854165	3.20115	3.20115	0.951635	0.963565	-1.03781	0.165633	0.404637	-2.47135	0.267038	0.492848	-2.02902	0.0588796	0.271037	-3.68954	0.793339	0.851587	-1.17428	0.996576	0.997378	-1.00263	1.85492	10.9996	5.27109	1
cg23792308	COX10	0.198281	0.38278	0.656028	-1.52433	0.400798	0.66694	-1.49939	0.072374	0.388929	-2.57116	0.621672	1.264	1.264	0.0498309	0.348655	-2.86817	0.415623	0.675786	-1.47976	0.0669401	0.38012	-2.63075	0.590909	1.2912	1.2912	0.0989575	0.426565	-2.34431	1.85491	6.51677	3.12289	1
cg25826526	C20orf20	0.198282	0.0656566	2.01953	2.01953	0.0583716	2.07043	2.07043	0.409477	1.33244	1.33244	0.123382	1.76449	1.76449	0.286358	1.45748	1.45748	0.201454	0.631922	-1.58247	0.156255	1.67539	1.67539	0.758078	1.11084	1.11084	0.277831	1.46811	1.46811	1.85491	3.40095	1.62977	1
cg21663100	ZMYM3;BCYRN1;ZMYM3;ZMYM3;ZMYM3	0.198285	0.0550474	0.443464	-2.25498	0.592603	0.817185	-1.22371	0.404115	0.726796	-1.3759	0.718753	1.14474	1.14474	0.0596896	0.451882	-2.21297	0.6175	0.828448	-1.20708	0.203533	0.605513	-1.65149	0.280195	1.52136	1.52136	0.0727562	0.473188	-2.11333	1.8549	4.10476	1.96705	1
cg17964980	PPFIBP2	0.198285	0.0613382	0.249686	-4.00503	0.17597	0.391282	-2.5557	0.607442	0.715206	-1.3982	0.991193	0.992895	-1.00716	0.168098	0.383542	-2.60728	0.107379	0.316388	-3.16067	0.141337	2.8105	2.8105	0.352141	1.86127	1.86127	0.87086	0.900221	-1.11084	1.93425	12.5149	5.03234	1
cg17510320	CCS;CCDC87	0.198285	0.72963	1.04477	1.04477	0.31095	1.14219	1.14219	0.456889	1.1006	1.1006	0.45655	1.10068	1.10068	0.0370247	0.731375	-1.36729	0.578194	0.931489	-1.07355	0.0631766	0.764492	-1.30806	0.713335	1.04768	1.04768	0.348858	1.13	1.13	1.93424	0.477313	0.191932	1
cg20931033	AGBL4;AGBL4	0.198288	0.520571	0.901321	-1.10948	0.105023	1.32656	1.32656	0.0885785	1.34947	1.34947	0.466593	1.12546	1.12546	0.359471	1.1622	1.1622	0.330432	0.85196	-1.17376	0.293136	1.19003	1.19003	0.183843	0.798573	-1.25223	0.122054	1.30651	1.30651	1.85488	0.747669	0.358295	1
cg01695225	EMX1	0.19829	0.429727	0.503959	-1.98429	0.329275	0.424885	-2.35358	0.352611	0.443459	-2.255	0.175988	0.294305	-3.39784	0.0688141	0.177056	-5.64793	0.135137	0.254299	-3.93237	0.0334667	0.12097	-8.2665	0.326304	2.36683	2.36683	0.194567	0.311431	-3.21099	1.85487	21.2311	10.1743	1
cg24131786	ADAM29;ADAM29;ADAM29;ADAM29	0.198296	0.801943	1.1214	1.1214	0.14265	2.05112	2.05112	0.224841	0.55922	-1.7882	0.788661	1.1303	1.1303	0.738579	0.858391	-1.16497	0.400671	1.48022	1.48022	0.0152436	0.257038	-3.89047	0.64388	1.23643	1.23643	0.910762	0.950171	-1.05244	1.85484	6.10564	2.92599	1
cg06271623	RUFY4	0.198297	0.142414	0.428376	-2.3344	0.17722	0.462524	-2.16205	0.318677	0.574597	-1.74035	0.505915	0.695671	-1.43746	0.0108919	0.179328	-5.57638	0.404257	0.632025	-1.58222	0.351365	0.597108	-1.67474	0.101282	0.381109	-2.62392	0.141077	0.426976	-2.34205	1.85484	8.49116	4.06919	1
cg06927323	TBX21	0.198297	0.665609	0.82631	-1.2102	0.0502288	2.66297	2.66297	0.948275	1.02888	1.02888	0.330163	0.64345	-1.55412	0.351729	0.656716	-1.52273	0.563203	0.773798	-1.29233	0.902459	0.947625	-1.05527	0.0519056	0.378896	-2.63925	0.110836	0.466614	-2.1431	1.85483	5.65559	2.71032	1
cg16488382	CMKLR1;CMKLR1;CMKLR1;CMKLR1	0.1983	0.568187	0.757098	-1.32083	0.17437	0.498087	-2.00768	0.805884	0.888014	-1.12611	0.869882	1.08229	1.08229	0.064165	0.366633	-2.72752	0.0565155	0.352937	-2.83336	0.0602169	0.359714	-2.77999	0.0904646	0.406627	-2.45926	0.705548	1.20095	1.20095	1.85482	6.83571	3.27589	1
cg19682786	ZNF804B;MGC26647;MGC26647	0.198301	0.903388	0.950336	-1.05226	0.627451	0.814519	-1.22772	0.4479	0.722917	-1.38329	0.00829216	0.242723	-4.11992	0.439085	0.718171	-1.39243	0.127256	0.500663	-1.99735	0.39459	0.693658	-1.44163	0.591393	1.25524	1.25524	0.196096	0.563576	-1.77438	1.85482	5.16939	2.47734	1
cg27052455	ENGASE	0.198308	0.284966	0.628874	-1.59014	0.0485397	0.390196	-2.56281	0.738102	0.869232	-1.15044	0.210999	0.576727	-1.73392	0.645186	0.82396	-1.21365	0.289944	0.632107	-1.58201	0.0281044	0.33853	-2.95395	0.125611	0.500462	-1.99815	0.06451	0.420086	-2.38047	1.85478	5.12344	2.45536	1
cg17510056	PLCB1;PLCB1	0.198308	0.542358	0.608996	-1.64205	0.102194	4.39493	4.39493	?	?	?	0.529722	1.6688	1.6688	0.0612227	0.171116	-5.84398	?	?	?	0.24644	2.68132	2.68132	0.358447	2.14624	2.14624	0.4453	1.87252	1.87252	2.06149	15.5033	6.44608	1
cg14409919	FAM129B;FAM129B	0.198318	0.410887	0.866333	-1.15429	0.30586	1.1983	1.1983	0.127263	0.754724	-1.32499	0.0887347	0.725875	-1.37765	0.649272	0.924849	-1.08126	0.833138	1.03665	1.03665	0.0426121	1.48932	1.48932	0.650379	0.925097	-1.08097	0.519093	0.894466	-1.11799	1.85474	0.855279	0.409896	1
cg08485899	LOC407835	0.198318	0.385032	1.22552	1.22552	0.395215	1.21998	1.21998	0.0950833	0.657827	-1.52016	0.425067	1.20443	1.20443	0.140618	1.4361	1.4361	0.110918	1.48674	1.48674	0.051586	1.65854	1.65854	0.734993	0.925354	-1.08067	0.557448	1.14508	1.14508	1.85473	1.53166	0.734052	1
cg19223106	RPS5	0.198324	0.0963319	0.686677	-1.45629	0.363767	1.21184	1.21184	0.738804	1.07132	1.07132	0.0590365	0.644758	-1.55097	0.279892	0.79354	-1.26018	0.0405636	0.614551	-1.6272	0.836898	0.958452	-1.04335	0.211873	0.762818	-1.31093	0.912717	0.97768	-1.02283	1.8547	1.24491	0.596638	1
cg27258025	ZNF528	0.19833	0.365419	0.748688	-1.33567	0.433167	0.779632	-1.28266	0.0664315	1.89774	1.89774	0.724614	1.11638	1.11638	0.266918	0.697686	-1.43331	0.21109	0.663595	-1.50694	0.0361434	0.468424	-2.13482	0.748818	1.10516	1.10516	0.957288	0.983469	-1.01681	1.85467	2.84536	1.3637	1
cg27605358	KIAA1486	0.198336	0.630102	0.694095	-1.44072	0.26133	2.41448	2.41448	0.149912	3.19497	3.19497	0.399128	0.522271	-1.91472	0.75022	0.78636	-1.27168	0.894891	0.905319	-1.10458	0.0367016	0.160987	-6.2117	0.082344	0.235009	-4.25515	0.423419	0.540504	-1.85012	1.85465	16.6329	7.97177	1
cg17567562	SMARCC1	0.198346	0.718421	1.15058	1.15058	0.201973	0.593396	-1.68522	0.0852773	0.478561	-2.0896	0.804455	0.908379	-1.10086	0.0945165	0.490689	-2.03795	0.259057	0.633735	-1.57795	0.10391	1.9913	1.9913	0.867153	0.937206	-1.067	0.131986	0.532705	-1.87721	1.8546	4.40755	2.11249	1
cg10735015	PHACTR2;PHACTR2	0.198348	0.464323	0.732548	-1.3651	0.499384	0.750864	-1.3318	0.286529	0.629712	-1.58803	0.110453	0.483414	-2.06862	0.0511485	0.395302	-2.52971	0.984862	1.00796	1.00796	0.0480001	0.388839	-2.57176	0.762235	0.880909	-1.13519	0.0347997	0.357683	-2.79577	1.85459	5.12925	2.45841	1
cg24066259	CCKBR	0.198349	0.0489575	0.686416	-1.45684	0.805486	0.959546	-1.04216	0.842782	0.96731	-1.03379	0.778004	0.953796	-1.04844	0.134127	0.76309	-1.31046	0.276949	0.827575	-1.20835	0.841338	0.96701	-1.03412	0.899348	1.02141	1.02141	0.0406368	1.48533	1.48533	1.85458	0.822798	0.394362	1
cg04662594	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49	0.198361	0.418905	0.753303	-1.32749	0.113357	0.553798	-1.80571	0.102758	1.84465	1.84465	0.504274	1.26165	1.26165	0.236295	0.653355	-1.53056	0.357013	0.722591	-1.38391	0.0504862	0.465548	-2.148	0.67297	0.864496	-1.15674	0.589831	1.20522	1.20522	1.85452	3.45529	1.65615	1
cg01173611	PATL1	0.198367	0.0686444	0.782271	-1.27833	0.194709	0.84766	-1.17972	0.610793	0.940032	-1.06379	0.538733	1.07787	1.07787	0.537042	0.927455	-1.07822	0.0496305	0.763497	-1.30976	0.297724	1.1389	1.1389	0.239078	0.861957	-1.16015	0.349681	1.12298	1.12298	1.8545	0.426368	0.204365	1
cg01101354	VPS52	0.198371	0.0722066	0.509402	-1.96308	0.702205	0.87885	-1.13785	0.491068	0.790472	-1.26507	0.00895475	0.327073	-3.05742	0.437982	0.766475	-1.30467	0.15221	0.597149	-1.67463	0.271026	0.680297	-1.46995	0.746468	0.896687	-1.11522	0.344668	0.720937	-1.38708	1.85448	3.31907	1.5909	1
cg02112681	C7orf50;C7orf50;C7orf50	0.198371	0.425318	1.72334	1.72334	0.0208926	6.4133	6.4133	0.186139	2.55252	2.55252	0.091648	3.46131	3.46131	0.502947	0.634779	-1.57535	0.590352	1.43809	1.43809	0.0978609	3.36706	3.36706	0.17177	2.64466	2.64466	0.526226	1.53622	1.53622	1.85447	13.1268	6.29195	1
cg00920477	LOC442293	0.198371	0.490846	0.869859	-1.14961	0.135066	1.37845	1.37845	0.299725	1.23877	1.23877	0.565431	1.12273	1.12273	0.908035	1.02329	1.02329	0.271414	1.25622	1.25622	0.0178731	1.77447	1.77447	0.325832	0.816998	-1.22399	0.562651	0.889932	-1.12368	1.85447	1.16581	0.5588	1
cg00861308	UBE2E1;UBE2E1	0.198381	0.54698	0.935583	-1.06885	0.50859	1.07601	1.07601	0.200396	0.862641	-1.15923	0.0304905	1.32019	1.32019	0.230454	1.14733	1.14733	0.81624	0.974891	-1.02576	0.207939	0.864981	-1.15609	0.394975	1.09985	1.09985	0.268693	1.13411	1.13411	1.85442	0.350514	0.168013	1
cg10553515	RNF216L;RNF216L;RNF216L	0.198382	0.536954	0.85383	-1.17119	0.157941	1.4646	1.4646	0.0741377	0.604716	-1.65367	?	?	?	0.884522	1.03742	1.03742	0.918025	1.02636	1.02636	0.853076	1.04797	1.04797	0.0346272	1.86382	1.86382	0.911919	0.972419	-1.02836	1.86442	1.67683	0.899381	1
cg26416981	NINJ2	0.198383	0.311873	0.654185	-1.52862	0.283682	0.636486	-1.57113	0.61072	1.23151	1.23151	0.866918	0.934232	-1.0704	0.0161805	0.303222	-3.29791	0.980183	0.989975	-1.01013	0.319745	1.51749	1.51749	0.175248	1.79451	1.79451	0.820136	0.911761	-1.09678	1.85442	4.83229	2.31629	1
cg26918105	FBXO4;FBXO4	0.198383	0.262826	0.759958	-1.31586	0.0336939	0.558109	-1.79176	0.824996	1.05345	1.05345	0.508716	0.854168	-1.17073	0.575859	0.875557	-1.14213	0.185155	0.718635	-1.39153	0.0603197	1.64562	1.64562	0.758957	1.07505	1.07505	0.824884	0.949228	-1.05349	1.85442	1.62369	0.778291	1
cg21953355	ABR;ABR;ABR	0.198385	0.938506	0.983526	-1.01675	0.391762	1.20793	1.20793	0.17905	1.35976	1.35976	0.208368	1.33049	1.33049	0.747521	1.07201	1.07201	0.335708	1.23828	1.23828	0.00865752	2.0555	2.0555	0.678144	0.914071	-1.09401	0.71109	0.923026	-1.08339	1.8544	1.3613	0.652525	1
cg04158739	HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8	0.198386	0.0579468	0.182594	-5.47662	0.828054	0.844243	-1.18449	0.994033	1.00584	1.00584	0.283066	2.39429	2.39429	0.417712	0.523816	-1.90907	0.0260591	0.121011	-8.26372	0.780741	1.24264	1.24264	0.70006	1.35184	1.35184	0.41803	1.90818	1.90818	1.9337	18.1567	7.30302	1
cg11116878	TRDMT1;TRDMT1;TRDMT1	0.198388	0.171502	0.536831	-1.86278	0.443539	1.39629	1.39629	0.528133	0.761001	-1.31406	0.852759	0.923677	-1.08263	0.0378899	0.357477	-2.79738	0.412081	1.43099	1.43099	0.036477	0.353884	-2.82578	0.839238	1.09068	1.09068	0.943177	1.03093	1.03093	1.85439	5.36274	2.57059	1
cg23863055	FAM188A	0.198388	0.3295	1.17439	1.17439	0.0217856	1.55241	1.55241	0.200057	1.24138	1.24138	0.30087	1.18677	1.18677	0.896367	0.979399	-1.02103	0.428427	0.878855	-1.13784	0.615562	1.08423	1.08423	0.845656	1.03162	1.03162	0.0438825	1.44768	1.44768	1.85439	0.749359	0.3592	1
cg14141238	SARDH;SARDH	0.198389	0.522588	0.672278	-1.48748	0.00591718	9.0811	9.0811	0.349574	1.80408	1.80408	0.918735	0.939379	-1.06453	0.848799	0.889623	-1.12407	0.722944	1.24375	1.24375	0.574427	0.706329	-1.41577	0.82566	1.14475	1.14475	0.690694	1.27774	1.27774	1.85439	11.0281	5.28624	1
cg13928257	XPO4	0.198397	0.995425	0.999066	-1.00093	0.0124411	0.602332	-1.66021	0.242307	0.819183	-1.22073	0.0906906	0.73802	-1.35498	0.427454	0.876294	-1.14117	0.626827	1.08313	1.08313	0.602782	0.917986	-1.08934	0.476321	1.12529	1.12529	0.988413	0.997636	-1.00237	1.85435	0.78016	0.373973	1
cg08100536	EP400NL	0.1984	0.401663	1.41426	1.41426	0.206366	1.71291	1.71291	0.0877621	2.1403	2.1403	0.889373	0.945351	-1.05781	0.0453012	0.395639	-2.52755	0.175862	0.559248	-1.78812	0.508436	1.31113	1.31113	0.669045	1.18962	1.18962	0.751893	0.879793	-1.13663	1.85433	4.78856	2.29543	1
cg13715758	SPTBN4;BLVRB	0.198403	0.00843775	1.81208	1.81208	0.856865	0.968595	-1.03242	0.913627	0.981007	-1.01936	0.997393	1.00058	1.00058	0.637056	1.08762	1.08762	0.794507	1.04721	1.04721	0.894067	0.976729	-1.02383	0.0650097	1.44222	1.44222	0.981343	1.00414	1.00414	1.85432	0.917326	0.439731	1
cg19868593	C6orf27	0.198405	0.354264	0.628908	-1.59006	0.0821641	2.55265	2.55265	0.547853	1.34438	1.34438	0.141718	2.15731	2.15731	0.364507	0.635436	-1.57372	0.916938	0.950502	-1.05208	0.122428	0.442831	-2.2582	0.208484	1.90645	1.90645	0.288755	0.585143	-1.70898	1.85431	6.95439	3.33368	1
cg26483432	HIST2H2AA3;HIST2H2AA4	0.198406	0.393362	1.09592	1.09592	0.143689	1.17891	1.17891	0.0188174	1.34735	1.34735	0.414667	1.09128	1.09128	0.118134	1.19452	1.19452	0.0954788	1.21151	1.21151	0.95821	0.994526	-1.0055	0.99317	1.0009	1.0009	0.112317	1.19855	1.19855	1.85431	0.322309	0.154504	1
cg09638516	ADI1	0.198408	0.411148	0.774783	-1.29068	0.0139095	0.397484	-2.51582	0.0775611	0.55119	-1.81426	0.771958	0.915547	-1.09224	0.674276	1.13695	1.13695	0.498876	0.811847	-1.23176	0.677422	0.880718	-1.13544	0.324848	0.734403	-1.36165	0.0841987	0.559856	-1.78617	1.85429	2.70744	1.29786	1
cg24667938	COX7A2;COX7A2	0.19841	0.694805	1.1118	1.1118	0.10437	1.61149	1.61149	0.584431	1.16003	1.16003	0.40525	1.25718	1.25718	0.10308	0.619232	-1.6149	0.458816	1.22475	1.22475	0.501767	1.2011	1.2011	0.0497047	1.82525	1.82525	0.0879255	1.65895	1.65895	1.85429	2.12151	1.01699	1
cg20498746	GADL1	0.198413	0.285605	0.737668	-1.35562	0.0633998	0.563994	-1.77307	0.108573	0.61866	-1.6164	0.798993	1.07252	1.07252	0.158016	0.660937	-1.513	0.0745908	0.579887	-1.72447	0.0650192	0.566428	-1.76545	0.971149	0.990127	-1.00997	0.634472	1.14043	1.14043	1.85427	2.2104	1.05961	1
cg14120129	TGFBI	0.198417	0.0344088	59.5229	59.5229	0.127087	15.3761	15.3761	0.214773	8.6962	8.6962	0.167154	11.4614	11.4614	0.145369	13.3241	13.3241	0.151388	12.7563	12.7563	0.505371	3.06284	3.06284	0.0321199	63.9047	63.9047	0.30154	5.88725	5.88725	1.85425	80.5546	38.6162	1
cg05608790	AUTS2;AUTS2;AUTS2	0.198418	0.0331214	0.256934	-3.89206	0.620599	0.761696	-1.31286	0.594811	1.34024	1.34024	0.0614732	0.316866	-3.15591	0.226867	0.500499	-1.99801	0.44605	0.654598	-1.52766	0.0654422	0.323666	-3.0896	0.211846	0.487984	-2.04925	0.195103	0.473504	-2.11192	1.85424	8.73964	4.18962	1
cg11430096	CDK19	0.198431	0.0285883	0.642779	-1.55575	0.813471	0.960363	-1.04127	0.195521	0.791169	-1.26395	0.302479	1.20054	1.20054	0.383152	1.16535	1.16535	0.295675	0.830645	-1.20388	0.163727	1.28956	1.28956	0.663237	1.07785	1.07785	0.803754	1.04352	1.04352	1.85418	0.859778	0.412175	1
cg03901886	SLC25A33	0.198431	0.669989	1.24273	1.24273	0.0107661	0.197073	-5.07426	0.82617	0.894496	-1.11795	0.975979	0.984853	-1.01538	0.425641	0.662066	-1.51042	0.61504	1.2931	1.2931	0.0698581	0.357872	-2.79429	0.380916	0.63408	-1.57709	0.934988	0.959488	-1.04222	1.85418	7.54594	3.6175	1
cg10208457	PRR7	0.198432	0.663281	0.949985	-1.05265	0.972988	1.00397	1.00397	0.971525	1.00419	1.00419	0.229326	1.15921	1.15921	0.0133675	1.43171	1.43171	0.833891	1.0249	1.0249	0.130505	1.21078	1.21078	0.269144	0.873902	-1.14429	0.491443	1.08529	1.08529	1.85418	0.402825	0.193114	1
cg12178432	MAN1C1	0.198436	0.317389	0.58069	-1.72209	0.0436042	0.295197	-3.38757	0.0579411	0.323916	-3.08722	0.930694	1.04681	1.04681	0.0546467	0.31778	-3.14683	0.700621	0.816139	-1.22528	0.621535	1.29914	1.29914	0.580582	1.34111	1.34111	0.302408	0.570161	-1.75389	1.85416	8.12167	3.89355	1
cg05361818	ATF6B;ATF6B	0.198449	0.83768	0.950735	-1.05182	0.0605345	1.68406	1.68406	0.282912	1.31625	1.31625	0.242986	0.740147	-1.35108	0.240472	0.738845	-1.35346	0.120243	0.660281	-1.51451	0.142149	1.47498	1.47498	0.854495	1.04625	1.04625	0.978434	1.00668	1.00668	1.85409	1.78112	0.853906	1
cg00866953	KIAA1026	0.19845	0.0447664	0.165197	-6.05337	0.636276	0.689119	-1.45113	0.670493	0.715682	-1.39727	0.23593	0.378787	-2.64001	0.0371399	0.150872	-6.62815	0.312434	0.441883	-2.26304	0.107195	0.252991	-3.95271	0.0589655	0.188834	-5.29565	0.188784	0.336801	-2.96912	1.85409	17.9395	8.60055	1
cg19241744	SLC29A3	0.198451	0.188563	0.639862	-1.56284	0.912139	1.03601	1.03601	0.729554	0.894729	-1.11766	0.277795	1.43581	1.43581	0.457188	0.784528	-1.27465	0.0240456	2.36929	2.36929	0.163847	1.60992	1.60992	0.299778	1.41116	1.41116	0.614689	0.84986	-1.17666	1.85408	3.0165	1.44618	1
cg13407422	ABHD12;ABHD12;ABHD12	0.198453	0.704819	1.08419	1.08419	0.3473	0.81421	-1.22818	0.948567	0.986392	-1.0138	0.057076	0.633024	-1.57972	0.0145815	0.527852	-1.89447	0.26983	0.783451	-1.2764	0.525382	1.14646	1.14646	0.48421	0.859857	-1.16298	0.731694	0.929508	-1.07584	1.85408	1.32462	0.635055	1
cg03342114	ICAM1;ICAM1	0.198457	0.395713	0.582035	-1.71811	0.0879032	3.22842	3.22842	0.11589	2.89612	2.89612	0.37759	0.569294	-1.75656	0.650711	0.753046	-1.32794	0.725226	0.802851	-1.24556	0.120649	0.350844	-2.85027	0.196893	2.33718	2.33718	0.288265	1.98578	1.98578	1.85406	11.3697	5.45096	1
cg15676040	RUSC1;C1orf104;FDPS;FDPS;RUSC1;FDPS	0.198457	0.129405	3.27484	3.27484	0.0223706	7.25294	7.25294	0.0407298	5.53124	5.53124	0.487337	1.6668	1.6668	0.493234	1.65499	1.65499	0.361527	1.97207	1.97207	0.146872	3.08704	3.08704	0.16719	2.90403	2.90403	0.17185	2.86633	2.86633	1.85406	15.3924	7.37959	1
cg26357596	GZMA	0.198459	0.510707	0.790836	-1.26449	0.844093	0.933088	-1.07171	0.291448	0.680425	-1.46967	0.0675787	0.486611	-2.05503	0.692127	1.15026	1.15026	0.322271	1.43282	1.43282	0.184887	1.63985	1.63985	0.449215	1.31159	1.31159	0.0530167	0.461458	-2.16704	1.85405	3.63292	1.74173	1
cg00555456	ACN9	0.198462	0.501176	1.40645	1.40645	0.247114	1.83046	1.83046	0.91517	0.948162	-1.05467	0.635897	1.26903	1.26903	0.0240197	0.260584	-3.83754	0.759256	1.16598	1.16598	0.194614	1.98466	1.98466	0.260374	1.79763	1.79763	0.253707	0.551303	-1.81389	1.85403	7.32825	3.51343	1
cg09598552	CDH23	0.19847	0.826234	1.08543	1.08543	0.0418515	0.417051	-2.39779	0.360173	0.704152	-1.42015	0.365185	0.706864	-1.4147	0.0377943	0.407312	-2.45512	0.0391855	0.41074	-2.43463	0.557482	0.801561	-1.24756	0.888853	0.949198	-1.05352	0.289417	0.663646	-1.50683	1.85399	4.0821	1.95715	1
cg20264534	CCDC97	0.198472	0.664305	0.845465	-1.18278	0.214868	1.65194	1.65194	0.509942	1.293	1.293	0.321562	1.48247	1.48247	0.0543772	0.43204	-2.3146	0.475575	1.3217	1.3217	0.0954638	0.494522	-2.02215	0.181147	1.726	1.726	0.737049	1.13832	1.13832	1.85398	4.33991	2.08076	1
cg22377978	PTPRN2;PTPRN2;PTPRN2	0.198473	0.387211	0.820229	-1.21917	0.279355	1.28591	1.28591	0.0849709	0.653193	-1.53094	0.92048	0.977921	-1.02258	0.86965	0.963945	-1.0374	0.0222858	1.84492	1.84492	0.529833	1.15293	1.15293	0.657375	0.905011	-1.10496	0.513904	1.15953	1.15953	1.85398	1.46792	0.703794	1
cg06508934	TIMP2	0.198473	0.507301	0.91693	-1.0906	0.717266	1.048	1.048	0.745883	0.958946	-1.04281	0.0248205	0.708648	-1.41114	0.0666564	1.30357	1.30357	0.852745	0.97633	-1.02424	0.180355	0.832434	-1.2013	0.777353	0.964112	-1.03722	0.593855	1.07185	1.07185	1.85398	0.488019	0.233981	1
cg08763673	SNX2	0.198475	0.32126	0.607368	-1.64645	0.0217943	0.261949	-3.81753	0.494998	0.7138	-1.40095	0.341271	1.61148	1.61148	0.126468	0.447362	-2.23533	0.347596	0.624648	-1.6009	0.435688	0.67912	-1.47249	0.107981	0.425988	-2.34749	0.582553	1.31011	1.31011	1.85397	6.95171	3.33301	1
cg18929316	CBX1;CBX1	0.198482	0.0504298	0.412784	-2.42257	0.319211	0.66465	-1.50455	0.236492	0.611265	-1.63595	0.796596	1.10794	1.10794	0.736829	0.874727	-1.14321	0.715356	1.15643	1.15643	0.148411	0.540564	-1.84992	0.601331	1.23269	1.23269	0.0259295	0.350213	-2.8554	1.85394	4.62377	2.21691	1
cg09179079	GRM1;GRM1	0.198484	0.135656	0.56811	-1.76022	0.117988	1.81766	1.81766	0.380921	1.36829	1.36829	0.756584	0.897525	-1.11417	0.740542	1.1225	1.1225	0.825736	1.07967	1.07967	0.0479102	0.44809	-2.23169	0.308433	0.691899	-1.4453	0.271619	1.49212	1.49212	1.93317	3.62039	1.4566	1
cg07788286	ADCYAP1;ADCYAP1	0.198486	0.0730386	0.718604	-1.39159	0.126069	1.31464	1.31464	0.0844378	1.37089	1.37089	0.338899	0.849658	-1.17694	0.488566	0.890218	-1.12332	0.630853	0.923098	-1.08331	0.694947	0.936939	-1.06731	0.198956	1.25149	1.25149	0.830855	1.03599	1.03599	1.85392	0.80204	0.384551	1
cg19672873	FAM177B	0.198487	0.164814	0.525356	-1.90347	0.532974	1.3156	1.3156	0.719812	0.855163	-1.16937	0.184517	0.542605	-1.84296	0.0290868	0.327181	-3.05641	0.471225	0.727346	-1.37486	0.0837047	0.435416	-2.29665	0.910878	0.952528	-1.04984	0.0701585	0.415048	-2.40936	1.85391	5.53989	2.6562	1
cg19907625	CSDA;CSDA	0.19849	0.0583134	1.4602	1.4602	0.394209	1.16698	1.16698	0.182142	1.28475	1.28475	0.511364	0.88882	-1.12509	0.974812	0.994429	-1.0056	0.441423	0.870318	-1.14901	0.242636	0.805443	-1.24155	0.0670858	1.43785	1.43785	0.265278	1.22804	1.22804	1.85389	0.919277	0.440767	1
cg03751030	XKR4	0.198491	0.8574	0.973349	-1.02738	0.0502891	1.39812	1.39812	0.0368953	1.43911	1.43911	0.47984	0.897744	-1.1139	0.9289	0.986686	-1.01349	0.311879	0.854603	-1.17013	0.219439	0.823705	-1.21403	0.900265	0.981346	-1.01901	0.895925	1.01985	1.01985	1.85389	0.662241	0.317526	1
cg21205071	OLFML2B	0.198491	0.379374	1.41338	1.41338	0.369282	0.702042	-1.42442	0.277578	1.5422	1.5422	0.125762	1.8882	1.8882	0.0415499	0.405919	-2.46355	0.349265	0.690957	-1.44727	0.202416	0.596709	-1.67586	0.993866	1.00295	1.00295	0.609385	1.21861	1.21861	1.85389	4.32179	2.07218	1
cg06448070	DOCK6	0.198496	0.116776	0.542715	-1.84259	0.441211	1.32535	1.32535	0.246986	0.647804	-1.54368	0.942591	1.02617	1.02617	0.0795819	0.497647	-2.00946	0.237132	0.64133	-1.55926	0.240287	1.55419	1.55419	0.0639207	0.473842	-2.11041	0.987599	1.00559	1.00559	1.85387	3.77685	1.81092	1
cg01941018	LPCAT3;LPCAT3	0.198496	0.0940707	0.811657	-1.23205	0.466953	1.08753	1.08753	0.558925	0.935198	-1.06929	0.637752	1.05523	1.05523	0.0722345	1.25537	1.25537	0.507238	0.926575	-1.07924	0.375415	0.902016	-1.10863	0.81221	1.02735	1.02735	0.0569277	0.783309	-1.27664	1.85386	0.377296	0.180905	1
cg22549420	TMEM85	0.198499	0.263445	0.733554	-1.36323	0.746464	1.09005	1.09005	0.105369	1.60041	1.60041	0.308906	0.755861	-1.32299	0.0781181	0.594371	-1.68245	0.126027	0.644043	-1.55269	0.878504	0.960157	-1.0415	0.866688	1.04567	1.04567	0.176048	1.46573	1.46573	1.85385	2.07418	0.99453	1
cg04748357	NCAPH2;LMF2;NCAPH2	0.1985	0.236861	1.2415	1.2415	0.62365	1.09016	1.09016	0.442091	1.1466	1.1466	0.108716	1.35712	1.35712	0.380609	1.16997	1.16997	0.594512	0.910486	-1.09831	0.730492	1.06221	1.06221	0.015184	1.68298	1.68298	0.0710823	1.42181	1.42181	1.85385	0.894494	0.428896	1
cg00393435	LOC646851;LOC646851;CBY1;CBY1	0.1985	0.339017	0.784885	-1.27407	0.0422286	1.77734	1.77734	0.0497111	1.73364	1.73364	0.259285	1.33543	1.33543	0.346543	1.26902	1.26902	0.0890144	1.58564	1.58564	0.600841	1.13854	1.13854	0.983819	1.005	1.005	0.835967	0.950318	-1.05228	1.85384	1.77364	0.850431	1
cg10770726	OBSCN;OBSCN	0.198501	0.754714	0.918206	-1.08908	0.182762	1.46954	1.46954	0.742612	0.914182	-1.09387	0.326212	1.31783	1.31783	0.0276654	0.492213	-2.03164	0.391082	0.787208	-1.27031	0.874326	1.04404	1.04404	0.508692	1.20026	1.20026	0.10016	0.612348	-1.63306	1.85384	2.1766	1.04365	1
cg16915863	LOC400043	0.198503	0.174171	2.65369	2.65369	0.295855	2.0728	2.0728	0.862086	0.890218	-1.12332	0.155707	0.358292	-2.79102	0.317138	2.00377	2.00377	0.54868	1.50161	1.50161	0.0737174	3.88049	3.88049	0.092169	0.284149	-3.51928	0.997679	0.998057	-1.00195	1.93307	13.4017	5.39222	1
cg08315829	NFKBIL2	0.198504	0.655784	0.900581	-1.11039	0.0139754	0.492373	-2.03098	0.0557991	0.603037	-1.65827	0.733876	1.08291	1.08291	0.304751	0.780307	-1.28155	0.730069	0.922338	-1.0842	0.432004	1.20584	1.20584	0.995882	1.00121	1.00121	0.580423	0.877816	-1.13919	1.85383	1.59954	0.766961	1
cg27314002	LTF	0.198504	0.0371866	10.3294	10.3294	0.702281	1.44878	1.44878	0.311681	0.36411	-2.74642	0.521218	1.87315	1.87315	0.60199	1.66185	1.66185	0.176413	4.00397	4.00397	0.474923	0.495905	-2.01652	0.036937	10.3713	10.3713	0.641472	1.5725	1.5725	1.85383	27.3569	13.1173	1
cg03750525	DYSFIP1	0.198506	0.329199	0.59191	-1.68945	0.0965178	0.386659	-2.58626	0.390229	1.58167	1.58167	0.501557	0.701031	-1.42647	0.557958	0.734511	-1.36145	0.0971637	0.387507	-2.5806	0.024577	0.247992	-4.03238	0.47186	1.46389	1.46389	0.811101	0.882773	-1.13279	1.85382	7.962	3.81771	1
cg09155025	SLC39A4;SLC39A4	0.198509	0.543411	1.24485	1.24485	0.398548	0.735085	-1.36039	0.07561	0.494483	-2.02231	0.212654	0.626631	-1.59584	0.0476951	0.44651	-2.23959	0.194756	1.6297	1.6297	0.330784	1.4295	1.4295	0.960718	1.01769	1.01769	0.846455	0.933297	-1.07147	1.8538	3.72263	1.78498	1
cg06689918	IRX1	0.198513	0.668304	1.07597	1.07597	0.59211	1.09622	1.09622	0.55606	1.10644	1.10644	0.71682	1.06383	1.06383	0.364835	1.17137	1.17137	0.708067	0.938101	-1.06598	0.00905461	0.56922	-1.75679	0.318732	1.1913	1.1913	0.779125	1.04892	1.04892	1.85378	0.847188	0.406227	1
cg04658699	PAK6;PAK6;PAK6	0.198513	0.131689	0.725618	-1.37814	0.0919168	0.693706	-1.44153	0.0425443	0.631097	-1.58454	0.0443341	0.634288	-1.57657	0.561295	0.890677	-1.12274	0.68351	0.922388	-1.08414	0.387272	1.19085	1.19085	0.717805	0.930966	-1.07415	0.9134	0.978786	-1.02167	1.85378	1.14059	0.546914	1
cg08433110	GMDS	0.198519	0.631499	0.70825	-1.41193	0.553328	0.65177	-1.53428	0.895272	1.09858	1.09858	0.721162	0.774272	-1.29154	0.505211	1.62035	1.62035	0.368485	0.517168	-1.93361	0.197413	2.64498	2.64498	0.0285628	0.15815	-6.32313	0.0870842	3.8525	3.8525	1.85375	14.9612	7.17401	1
cg04473902	PLBD1	0.198527	0.459681	1.19095	1.19095	0.129728	1.46223	1.46223	0.707944	0.916351	-1.09129	0.362594	0.804757	-1.24261	0.202325	1.3668	1.3668	0.0512879	1.6739	1.6739	0.57168	0.875754	-1.14187	0.0505511	1.6774	1.6774	0.452136	1.1946	1.1946	1.85371	1.58195	0.758576	1
cg08286169	PEX3;PEX3;ADAT2	0.198529	0.290364	1.13915	1.13915	0.233871	1.15971	1.15971	0.066631	1.27656	1.27656	0.615819	1.06191	1.06191	0.0814186	1.25774	1.25774	0.559137	1.07265	1.07265	0.069732	0.785993	-1.27228	0.93235	0.98997	-1.01013	0.382668	1.11215	1.11215	1.85371	0.413835	0.198442	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1237 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg12307484	TWIST1	0.198595	0.269036	-1.80176	0.01718343	0.109423	-9.15887	0.104636	0.258827	-3.86359	0.994574	0.994832	-1.00519	0.366432	0.493091	-2.02802	0.395853	0.155517	-1.9398	0.0920588	0.244518	-4.08968	0.954576	0.957521	-1.04436	0.91447	1.08531	1.83567	17.0473	8.17465	1
cg01023668	HIPK1;HIPK1 PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.19854	0.590316	0.90544	-1.10444	0.647075	1.0879	1.0879	0.242973	1.2502	1.2502	0.190153	1.28864	1.28864	0.15842	0.887363	-1.12693	0.620703	0.912864	-1.09545	0.0259047	0.616727	-1.62147	0.280197	0.814516	-1.22772	0.267576	1.23501	1.23501	1.83565	0.980624	0.470243	1
cg22336774	A6	0.198543	0.992886	1.00348	1.00348	0.924665	0.963779	-1.03758	?	?	?	0.32278	0.671393	-1.48944	0.805473	1.10103	1.10103	?	?	?	0.0496111	0.417387	-2.39586	0.0713426	2.19378	2.19378	0.352552	1.45232	1.45232	1.87563	3.5156	2.14212	1
cg01877105	RNF165	0.198549	0.128488	0.488716	-2.04618	0.0588295	0.394575	-2.53437	0.387332	0.679686	-1.47127	0.568879	1.2852	1.2852	0.057001	0.423058	-2.36374	0.509919	0.747305	-1.33814	0.296841	0.624172	-1.60212	0.155324	1.93986	1.93986	0.896504	1.05835	1.05835	1.83561	5.57462	2.67329	1
cg25885322	DX0D1	0.19855	0.758278	0.948746	-1.05402	0.258591	1.22252	1.22252	0.0772429	0.39771	1.99771	0.148413	0.767885	1.30435	0.324013	0.129332	1.13225	0.280508	0.825965	-1.21071	0.686527	1.0716	1.0716	1.18144	0.78521	-1.27355	0.563245	1.10474	1.10474	1.83636	0.852904	0.409007	1
cg00515242	CACNG5;CACNG5	0.198552	0.513489	1.13511	1.13511	0.0846638	1.44017	1.44017	0.994196	0.99861	-1.00139	0.650298	1.09121	1.09121	0.741319	1.06541	1.06541	0.0488233	1.5377	1.5377	0.034599	1.60195	1.60195	0.540788	0.888324	-1.12572	0.431424	0.857639	-1.16599	0.83559	1.07379	0.514935	1
cg06615912	FBXP2;FBXP2;FBXP2;FXBP2	0.198554	0.141473	1.57933	1.57933	0.156273	1.11587	1.11587	0.0220084	1.71	1.71	0.371363	1.20529	1.20529	0.277792	0.794858	-1.25809	0.746692	0.936197	-1.06815	0.0793621	1.48613	1.48613	0.469374	1.16153	1.16153	0.25306	1.27486	1.27486	1.83558	1.21485	0.582584	1
cg27435995	TAS2R30;PRR4;PRH1	0.198554	0.262853	0.752203	-1.37893	0.574488	0.85437	-1.17045	0.4429875	0.28365	2.08365	0.0553798	0.370203	-1.29836	0.458336	0.812133	-1.23103	0.223625	1.42179	1.42179	0.175492	0.672655	-1.48605	0.969513	1.01057	1.01057	0.638615	0.877923	-1.13905	0.83558	2.22399	1.06652	1
cg21809023	DCAF8L1	0.198559	0.981318	1.00991	1.00991	0.325687	1.53334	1.53334	0.0463873	0.382497	-2.6144	0.741425	1.14967	1.14967	0.0179388	0.297755	-3.35847	0.877132	1.06734	1.06734	0.851576	1.08151	1.08151	0.565595	0.782989	-1.27716	0.651992	0.825946	-1.21073	1.83556	5.2082	2.49763	1
cg23444307	B3N	0.198565	0.2106037	1.39904	-1.4256	0.0995705	1.68334	1.68334	0.1204	0.414154	1.8252	1.8252	0.277876	0.443278	2.25541	0.0491132	1.80295	0.105557	2.79582	2.79582	0.0180705	0.173541	-5.60094	0.405109	0.547244	-1.84522	0.215471	0.390743	2.55923	1.83553	10.251	3.3184	1
cg22817638	BAIAP2L2	0.198566	0.116833	1.70471	1.70471	0.65572	1.90893	1.90893	0.531204	0.818982	-1.21966	0.2423969	1.46676	1.46676	0.560146	0.831567	-1.20255	0.0385178	2.11798	2.11798	0.586808	1.18744	1.18744	0.304135	1.36953	1.36953	0.147943	1.62571	1.62571	1.83553	2.87723	1.37982	1
cg06399931	LDLRAP1	0.198568	0.174329	2.7128	2.7128	0.0407345	3.44664	3.44664	0.0968975	2.66069	-2.66069	0.530896	1.4062	1.4062	0.394283	1.20077	1.20077	0.128653	2.41552	2.41552	0.0401843	0.53721	1.57221	0.503652	1.41974	1.41974	0.0817129	2.818809	2.818809	1.83552	8.46616	4.06011	1
cg05221876	BSDC1;BSDC1;BSDC1;BSDC1	0.198571	0.0779609	0.826819	-1.20945	0.678579	1.04126	1.04126	0.5194978	1.0664	1.0664	0.437326	0.931681	-1.07333	0.368862	1.09367	1.09367	0.949278	0.993847	-1.00619	0.123626	0.850621	-1.17561	0.271155	0.894814	-1.11755	0.0647176	1.22296	1.22296	1.8535	0.276278	0.132495	1
cg06642895	JAZF1	0.198574	0.0447147	0.531724	-1.88067	0.245415	1.39516	1.39516	0.453607	0.811195	-1.23275	0.4701105	0.817577	-1.22313	0.859611	0.952633	-1.04972	0.447503	0.808807	-1.23639	0.0465589	1.86778	1.86778	0.446339	0.80835	-1.23709	0.985268	0.994952	-1.00507	1.83548	2.20536	1.05764	1
cg13140437	LRCH1;LRCH1;LRCH1	0.198574	0.0682655	0.80374	-1.29229	0.508617	1.47875	1.47875	0.834598	0.88511	-1.1298	0.0971931	2.89352	2.89352	0.187758	0.442733	-2.2587	0.176187	0.43139	-2.31487	0.280846	0.542014	1.42698	0.254641	1.69378	1.69378	0.504481	1.34507	1.34507	1.83546	5.78301	2.77344	1
cg05502279	RNF213 RNF213 BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;B DNF;BDNF;BDNF;BDNF;BDNF;BDNF;BD	0.198595	0.597965	0.871057	-1.14803	0.29955	0.756611	-1.32168	0.0178118	0.473638	-2.11132	0.561938	1.1643	1.1643	0.296976	0.755403	-1.3238	0.133342	0.657011	-1.52205	0.85975	1.04695	1.04695	0.212678	1.40565	1.40565	0.674988	0.896372	-1.11561	1.85339	1.9754	0.947405	1
cg01636003	NF;BDNF	0.198599	0.402745	0.73803	-1.35496	0.1218321	2.07771	2.07771	0.9764457	0.987215	-1.01295	0.420847	0.698667	-1.4313	0.346566	1.52601	1.52601	0.68923	0.83922	-1.19158	0.538902	1.33164	1.33164	0.0244563	3.21844	3.21844	0.0961028	2.2185	2.2185	1.83537	5.58108	2.67673	1
cg03344806	PIP5L1	0.198601	0.790656	0.945382	-1.05777	0.211186	0.757228	-1.32061	0.0907479	0.674763	-1.482	0.946854	1.01417	1.01417	0.08256	0.666367	-1.50067	0.517103	1.14873	1.14873	0.324365	1.23969	1.23969	0.54844	0.879685	-1.13677	0.0387558	0.60336	-1.65738	1.83535	1.30816	0.627407	1
cg06595595	GNAL;GNAL;GNAL	0.198619	0.917549	1.04955	1.04955	0.495684	1.38139	1.38139	0.994856	0.999097	-1.0009	0.671256	1.22066	1.22066	0.152042	0.488378	-2.04759	0.395918	1.50087	1.50087	0.808125	0.892587	-1.12034	0.00901543	4.71439	4.71439	0.737836	1.16987	1.16987	1.83526	6.40253	3.07087	1
cg01753764	AFAP1L2;AFAP1L2;AFAP1L2;AFAP1L2	0.198628	0.423915	1.2315	1.2315	0.33066	1.5058	1.5058	0.0777874	0.59354	1.69354	0.0154207	0.59354	1.69354	0.0154207	0.59354	1.69354	0.176187	0.43139	-2.31487	0.280846	0.542221	1.84422	0.156134	1.47387	1.47387	0.104833	1.60185	1.60185	1.83522	2.07386	0.994715	1
cg05757062	ZDHHC7;ZDHHC7	0.198632	0.0900343	0.690553	-1.44811	0.279432	1.24961	1.24961	0.731228	1.07072	1.07072	0.21218	1.29747	1.29747	0.108663	1.41447	1.41447	0.508096	1.14231	1.14231	0.0391544	1.60482	1.60482	0.356666	1.20667	1.20667	0.770317	1.05973	1.05973	1.8532	1.1526	0.552846	1
cg24802835	STOX2	0.198653	0.980583	1.01631	1.01631	0.883733	1.31593	1.31593	0.0644168	0.759729	1.31757	0.161784	1.59255	1.59255	0.0124	0.631757	-1.58306	0.535558	1.51162	1.51162	0.126494	0.67065	-1.49097	0.0824602	2.2454	2.2454	0.183774	2.040672	2.2454	1.83519	12.727	6.10457	1
cg01027707	MON1A;MON1A	0.198647	0.215415	0.364403	-2.74421	0.097504	0.242426	-4.12479	0.0682627	0.20351	-4.91377	0.370028	0.49165	-2.03397	0.0523169	0.177308	5.63989	0.210468	3.59942	-2.77823	0.0846088	0.225737	-4.42994	0.0404424	2.155694	-6.42285	0.266771	0.408872	-2.44575	1.9323	17.6764	7.115	1
cg21496518	SH3BP5;SH3BP5	0.198648	0.0894386	1.36758	1.36758	0.0827895	1.3787	1.3787	0.1694	1.27726	1.27726	0.102384	1.34826	1.34826	0.148846	1.2954	1.2954	0.0473642	1.4612	1.4612	0.992945	0.998523	-1.00148	0.107051	1.34192	1.34192	0.219811	1.24072	1.24072	1.83512	0.820203	0.393427	1
cg04761648	CDK8	0.198649	0.929272	1.03414	1.03414	?	?	?	?	0.524334	0.448325	-2.23052	?	?	?	?	?	0.0956724	2.04647	2.04647	0.871219	0.94047	-1.0633	?	?	0.528284	0.78376	-1.2759	2.23805	2.58361	1.1544	1
cg03270965	C2orf85 SEMA6D;SEMA6D;SEMA6D;SEMA6D;SE MA6D;SEMA6D	0.198656	0.547584	1.32051	1.32051	0.0815812	2.41529	2.41529	0.697667	1.19523	1.19523	0.180913	1.91357	1.91357	0.581697	0.775543	-1.28942	0.059644	2.64064	2.64064	0.361924	1.97836	1.97836	0.124312	2.13884	2.13884	0.047117	2.82333	2.82333	1.83509	6.12524	2.93815	1
cg21322848	IN- MA6D;SEMA6D	0.198657	0.948791	1.03162	1.03162	0.153977	0.477209	-2.09552	0.39593	0.656128	-1.52409	0.830896	1.10922	1.10922	0.0255175	0.276247	-3.61995	0.0327934	0.298057	-3.35506	0.575772	1.31526	1.31526	0.994141	0.996447	-1.00357	0.60604	0.777112	-1.28682	1.83508	6.89557	3.30768	1
cg01784859	PIGM	0.198658	0.396321	1.14629	0.956796	1.00855	1.00855	0.905507	1.01884	1.01884	0.0335115	0.676782	-1.47758	0.614152	1.13445	1.13445	1.13445	0.560799	1.09685	1.09685	0.824945	0.965779	-1.03543	0.664356	1.00743	1.00743	0.0318332	1.48504	1.48504	1.83508	0.725108	0.347821	1
cg23676551	IN- IGF2;IGF2AS;IGF2;IGF2;IGF2AS;IGF2	0.19866	0.467097	0.691515	-1.4461	0.0451687	0.318035	-3.14431	0.210994	1.92891	1.92891	0.657537	0.800591	-1.24908	0.263645	1.78758	1.78758	0.409383	0.656663	-1.52285	0.308522	0.591326	-1.69111	0.22494	1.8877	1.8877	0.236493	1.8558	1.8558	1.83507	7.29266	3.49818	1
cg27054887	FHDC1	0.198659	0.0726284	0.805353	-1.24178	0.402282	1.68381	1.68381	0.284715	0.887159	-1.42697	0.6569303	1.50017	1.50017	0.0599993	0.6853806	-1.45842	0.642027	1.14026	1.14026	0.615994	0.865444	-1.15579	0.271257	0.693774	-1.44562	0.883506	0.930752	-1.07455	1.83502	1.45706	1	1
cg18582556	GLTSCR1	0.198664	0.22578	0.536692	-1.86327	0.35455	0.627526	-1.59356	0.0709197	0.372637	-2.68357	0.0667793	0.365867	-2.73324	0.0208937	0.256671	-3.89603	0.625305	0.786011	-1.27225	0.136047	0.455722	-2.19432	0.639119	0.793684	-1.25995	0.972979	1.01671	1.01671	1.83504	7.02456	3.36963	1
cg27310746	LTBP2	0.198672	0.5765132	1.24193	1.24193	0.0824313	1.41413	1.41413	0.0127489	0.455	-2.1955	0.0178278	0.707125	-1.41402	0.0783278	1.42695	1.42695	0.634203	1.34742	1.34742	0.134818	0.931322	-1.07382	0.376842	1.42661	1.42661	0.040105	1.745682	1.745682	1.34105	0.129296	0.077752	1.83504	1.83504	1.83504	1.83504	1
cg19595107	PCDHGA2;PCDHGA4;PCDHGA1;PCDHG	0.198667	0.263941	0.352433	-2.83742	0.722022	1.66762	1.66762	0.662132	1.48259	1.48259	0.633617	0.649638	-1.53932	0.951448	0.946926	1.05605	0.112046	2.12315	-4.70999	0.477328	0.523573	-1.90995	0.0171716	13.4745	13.4745	0.841741	1.19607	1.19607	1.83503	23.5394	11.2917	1
cg23597370	STIM2;STIM2;STIM2	0.198669	0.203959	1.19554	1.19554	0.457301	0.904084	-1.10609	0.0444111	0.735258	-1.36007	0.295593	1.15544	1.15544	0.837733	0.973054	-1.02769	0.520198	1.0905	1.0905	0.858182	1.02411	1.02411	0.952541	0.992103	-1.00796	0.0502601	1.34622	1.34622	1.83502	0.520762	0.249808	1
cg10502383	UTS2;UTS2;UTS2	0.198672	0.256206	0.659653	-1.51662	0.240382	1.57377	1.57377	0.0153447	0.388952	-2.57104	0.0881655	1.15342	1.15342	0.588312	1.25955	1.25955	1.25955	2.12315	2.12315	0.0671986	0.275007	-3.63627	0.0153603	4.71439	4.71439	0.0791018	0.960514	-1.04159	0.821594	-1.21757	1.8351	4.93994	2.10969	1
cg00480837	PLCE1	0.198675	0.852166	0.96452	-1.03679	0.480815	0.87043	-1.14886	0.0578764	0.6602	-1.51469	0.858363	0.966001	-1.0352	0.106879	1.03566	1.03566	0.736293	1.0677	1.0677	0.0379249	1.59369	1.59369	0.96518	0.991582	-1.00849	0.996331	1.00089	1.00089	1.8353	1.10044	0.532885	1
cg19379845	CRIM1	0.198675	0.0988211	0.711515	-1.40545	0.398232	1.17664	1.17664	0.460924	1.15162	1.15162	0.726275	0.936038	-1.06833	0.248191	0.796901	-1.25486	0.943791	0.986827	-1.01335	0.0202486	1.69298	1.69298	0.837052	0.962012	-1.03949	0.734604	1.06608	1.06608	1.83299	1.03794	0.497902	1
cg19376552	TBX15;TBX15	0.198675	0.738806	0.97454	-1.02611	0.885859	0.748464	-1.33611	0.0324327	0.476125	-2.10029	0.534781	0.857044	-1.16651	0.0937854	0.636207	-1.5782	0.713821	0.990497	-1.00945	0.883364	1.10257	1.10257	0.0717852	1.0712	1.0712	0.0815794	1.622692	-1.60593	1.66329	1.97645	0.847851	1
cg13383639	EBF1	0.198677	0.228822	0.532028	-1.8796	0.6090506	0.361846	-2.76361	0.0181585	0.239341	-4.17814	0.4077	0.654961	-1.52681	0.114158	0.423716	-2.36007	0.846746	0.907842	-1.10151	0.0768563	0.377145	-2.6515	0.428967	0.667999	-1.49701	0.613588	0.775359	-1.28972	1.83299	7.32741	3.515	1
cg00039936	TSKS	0.198678	0.553396	1.14217	1.1647	0.2576327	0.740304	-1.3504	0.0994062	0.63174	-1.58293	0.719107	1.09619	1.09619	0.0149403	0.467308	-2.13992	0.354735	0.784977	-1.27392	0.308859	0.764925	-1.30732	0.409005	0.837709	-1.19373	0.567263	1.15841	1.15841	1.83298	0.89773	0.430549	1
cg05989429	ABCA7	0.198694	0.844234	0.941179	-1.0625	0.0204016	0.683524	-1.46279	0.0361237	0.968669	-1.03234	0.211156	1.21547	1.21547	0.6669847	1.05655	1.05655	0.153652	1.51599	-1.15199	0.215977	1.21295	1.21295	0.112449	1.29202	-1.29202	0.777851	1.958833	-1.04283	1.85297	0.645093	0.309457	1
cg18756868	ABHD3	0.19868	0.969534	0.982478	-1.01783	0.259138	1.72442	1.72442	0.0340142	0.3434	3.1434	0.66187	1.22591	1.22591	0.407284	0.675469	-1.48045	0.38217	0.660456	-1.51411	0.122824	0.461251	-2.16802	0.268617	1.70453	1.70453	0.288154	1.66595	1.66595	1.85297	6.28687	3.01587	1
cg01445809	KCNB1	0.198694	0.0674418	0.680644	-1.46954	0.0610211	0.95377	0.95377	0.715446	0.51488	-1.94288	0.0789906	0.24763	-4.04063	0.0139262	0.248488	-4.02585	0.82327	1.16162	1.16162	0.596392	0.43192	-2.31564	0.0163362	2.98381	2.98381	0.0139511	1.407313	1.407313	1.85292	8.76383	3.81637	1
cg02510164	MCF2L2	0.198689	0.144416	0.247582	-4.03906	0.9319938	0.930058	-1.0752	0.915657	0.931994	-1.0941	?	?	?	0.915067	0.913417	-1.09479	0.269807	2.72304	2.72304	0.0261704	0.0803268	-12.4491	0.817635	0.821806	-1.21683	0.125964	0.227244	-4.40055	2.21157	20.5819	5.81653	1
cg26305597	RAB43	0.198693	0.0845824	1.58254	-1.18228	0.633053	1.07549	1.07549	0.0553182	1.38845	1.38845	0.281772	1.18442	1.18442	0.201173	1.22661	1.22661	0.895631	1.01986	1.01986	0.0772919	0.73872	-1.35369	0.271169	1.18926	1.18926	0.841734	0.909203	-1.03071	1.85291	0.671831	0.322296	1
cg14508640	C21orf84	0.198697	?	?	?	0.871041	0.955844	-1.0462	0.350587	0.765622	-1.30613	0.800742	1.07283	1.07283	0.368333	0.759374	-1.3168	0.257902	1.38843	1.38843	0.0140603	2.30695	2.30695	0.243397	1.24894	1.24894	0.848946	0.948377	-1.05443	1.86285	2.02638	1.08778	1
cg21588266	PABPC1L	0.198698	0.988148	1.00245	1.00245	0.255505	0.822183	-1.21627	0.0134291	0.603567	-1.65682	0.298487	0.837154	-1.19452	0.930366	0.985688	-1.01452	0.944678	1.01151	1.01151	0.103855	0.745775	-1.34089	0.605701	0.917696	-1.08969	0.0787991	0.724735	-1.37982	1.85288	0.798322	0.382081	1
cg11961495	ZMIZ1	0.198702	0.437227	1.62264	1.62264	0.0237207	0.907464	-1.10197	0.0218514	0.743501	-1.34499	0.776044	1.36615	1.36615	0.0438284	0.732457	-1.36509	0.361624	2.89879	2.89879	0.0150458	0.350144	-2.85631	-1.75367	0.0115255	1.37061	1.37061	0.0846244	1.31974	-1.32754	1.82088	10.4881	5.03147	1
cg14125846	FBXO17;FBXO17	0.1987	0.084344	0.704093	-1.42027	0.231041	1.26666	1.26666	0.064487	0.628746	-1.46467	0.557278	0.896673	-1.11523	0.162204	0.754429	-1.32551	0.599015	0.907107	-1.10241	0.189244	1.29116	1.29116	0.962206	1.00874	1.00874	0.63934	1.0906	1.0906	1.85287	0.99078	0.475313	1
cg05859578	NFATC1;NFATC1;NFATC1;NFATC1	0.198703	0.67203	0.854042	-1.16683	0.0910032	0.91387	-1.09437	0.0583838	0.42587	-2.34807	0.0452305	0.29233	-3.42019	0.0200113	0.662529	-1.50903	0.556614	1.19607	1.19607	0.0159139	0.0351188	-28.4755	-1.02827	0.0153356	0.915398	0.915398	0.0151917	0.513758	0.664264	1.85285	0.0155	0.007483	1
cg01055795	SRRT;SRRT;SRRT;SRRT	0.198704	0.832927	1.06683	1.06683	0.148169	1.60814	1.60814	0.220328	1.48389	1.48389	0.478844	1.24669	1.24669	0.335759	0.737867	-1.35526	0.936973	1.02452	1.02452	0.140802	0.615589	-1.62446	0.0323716	2.15392	2.15392	0.345157	1.34686	1.34686	1.85286	2.75248	1.32047	1
cg06028881	DPP7;DPP10	0.198705	0.662951	1.09185	1.09185	0.220419	0.772482	-1.29453	0.030762	0.601482	-1.66256	0.278821	1.2531	1.2531	0.56907	0.840322	-1.19002	0.426695	0.849915	-1.17659	0.0871907	0.68495	-1.45996	0.443065	1.16938	1.16938	0.694562	1.08228	1.08228	1.85284	1.17811	0.565191	1
cg02877240	FRZD1;FRZD1	0.198707	0.0823915	1.27995	1.27995	0.620857	1.48432	1.48432	0.1900791	0.644529	-1.52753	0.107988	1.38758	1.38758	0.0504	0.4037	-2.47637	0.29206	1.74565	1.74565	0.0824751	0.124779	-8.01415	0.0427654	0.725265	-1.37906	0.188868	0.286857	-3.48606	1.92584	23.6275	11.3352	1
cg23580038	PRDM11	0.198711	0.235328	0.585192	-1.70884	0.0198743	1.35724	1.35724	0.431171	1.41358	1.41358	0.846282	0.919787	-1.08721	0.147566	0.512019	-1.95305	0.680106	1.19555	1.19555	0.315943	0.639756	-1.5631	0.577618	1.27424	1.27424	0.918166	1.04888	1.04888	1.85282	1.54596	2.6127	1
cg01620540	HTR2A;HTR2A CYB561D1;CYB561D1;CYB561D1;CYB56	0.198717	0.504297	1.20146	1.20146	0.030111	1.99651	1.99651	0.0301636	1.9948	1.9948	0.884034	1.04032	1.04032	0.944317	0.981258	-1.0191	0.634113	1.13868	1.13868	0.296958	0.7461	-1.3403	0.984939	1.00513	1.00513	0.534212	0.843229	-1.18592	1.82979	2.15292	1.03288	1
cg11249215	1D1;CYB561D1	0.198722	0.230076	1.18522	1.18522	0.844346	1.02688	1.02688	0.7278838	0.953948	-1.04828	0.00787469	1.58419	1.58419	0.705393	0.950038	-1.05259	0.82654	1.03006	1.03006	0.336551	0.87484	-1.14307	0.83261	1.02897	1.02897	0.752523	0.958211	-1.04361	1.85276	0.534371	0.256372	1
cg23100720	NOX3	0.198728	0.18885	1.78397	1.78397	0.64229	1.97381	1.97381	-1.50387	0.818823	1.3637	1.3637	0.310999	0.481665	1.07872	0.0423598	1.53019	0.222396	0.40839	-2.44775	0.0472123	0.204918	-4.88001	0.0884493	0.269305	-3.71326	0.328443	0.494527	-2.02214	1.85274	14.2999	6.86068	1
cg02959609	C1orf230	0.198733	0.0234111	0.281392	-3.55377	0.919711	0.14834	0.14834	0.301274	0.605633	-1.65117	0.583526	0.642574	-1.55624	0.0734646	0.392799	2.54583	0.826045	0.902107	-1.10856	0.0378152	0.32376	-3.08871	0.356763	0.641597	-1.55861	0.369651	0.649605	-1.5394	1.85271	0.643299	3.0864	1
cg03702975	TLR5	0.198736	0.0637855	0.837651	-1.19387	0.478318	1.16597	1.16597	0.0728538	0.509118	-1.96418	0.220007	0.857137	-1.16659	0.0775356	0.554777	-1.80256	0.366377	0.730919	-1.36856	0.0155186	0.551386	-1.81361	0.0295247	0.682098	-1.46607	0.705096	1.166	1.166	1.8527	0.74983	0.349433	1
cg13377313	NAA40;NAA40	0.198737	0.0127718	0.434531	-2.30133	0.583753	0.861496	-1.16077	0.523216	0.840024	-1.19044	0.476265	0.822705	-1.2155	0.531686	0.843081	-1.18613	0.170533	0.674867	-1.48177	0.0385306	0.524237	-1.90754	0.193882	0.690482	-1.44826	0.365532	0.778412	-1.28467	1.85269	2.13013	1.022	1
cg26758834	SOX8	0.198737	0.137966	0.566046	-1.76664	0.137454	0.565563	-1.76815	0.0317369	0.407797	-2.4522	0.690671	0.867181	-1.15316	0.10348	0.530236	-1.88595	0.490574	0.779202	-1.28336	0.373549	0.722208	-1.38464	0.58485	0.821561	-1.2172	0.194615	1.63042	1.63042	1.85269	3.72452	1.78696	1
cg23050442	GAD2;GAD2	0.198738	0.21901	1.37699	1.37699	0.172272	0.768184	-1.30208	0.0413803	0.38533	-2.59533	0.0399909	1.08098	1.08098	0.372925	0.924735	-1.08157	0.610512	1.0975	1.0975	0.0930041	1.68599	-1.45815	0.740606	1.06194	1.06194	0.0746683	1.43276	1.43276	1.85269	0.962409	0.461748	1
cg17055734

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value|105 vs. N)	Fold-Change(1 vs.057 vs. N)	p-value|1117 vs. N)	Fold-Change(1 vs.1117 vs. N)	p-value|1127 vs. N)	Fold-Change(1 vs.1127 vs. N)	p-value|1217 vs. N)	Fold-Change(1 vs.1217 vs. N)	p-value|3477 vs. N)	Fold-Change(1 vs.3477 vs. N)	p-value|3537 vs. N)	Fold-Change(1 vs.3537 vs. N)	p-value|5377 vs. N)	Fold-Change(1 vs.5377 vs. N)	p-value|5637 vs. N)	Fold-Change(1 vs.5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg25985609	FAM155A	0.198925	0.257532	1.42487	1.42407	1.706424	0.892961	-1.11587	0.289427	1.38957	1.38957	0.311157	1.36821	1.36821	0.06242495	1.8728	1.8728	0.160918	1.54996	1.54996	0.929632	0.593431	1.68512	0.102496	1.70548	0.681025	1.13163	1.13163	1.85178	2.625226	1.26017	1
cg10999992	H1F0	0.198926	0.0668372	0.272141	-3.67457	0.359296	0.550449	-1.8167	0.607414	-1.38853	0.691641	3.62529	3.62529	0.135732	0.3611474	2.76875	0.668661	1.31352	1.31352	0.487466	1.56335	0.539105	0.606632	-1.64845	0.364337	1.80478	1.80478	1.85178	11.7664	5.64811	1
cg22891408	MRPL3	0.198926	0.312713	0.805371	-1.24166	0.2297483	0.58847	-1.69932	0.774993	1.06121	1.06121	0.772606	1.0619	1.0619	0.189578	0.749745	-1.33379	0.091783	0.6806	-1.46929	0.111642	0.698276	-1.4321	0.315667	0.806504	-1.23992	0.439907	1.17736	1.17736	1.85178	1.26006	0.604854	1
cg04833153	ZNF790	0.198927	0.369902	0.748443	-1.3361	0.0880064	1.808356	1.808356	0.0324764	2.218863	2.218863	0.247831	1.46263	1.46263	0.024505	1.16792	1.16792	0.124978	0.2134269	0.674806	-1.48191	0.756511	0.906753	-1.10284	0.553319	1.20771	1.20771	1.85177	2.904844	1.39439	1
cg03818055	NCKAP5;NCKAP5	0.198928	0.311114	0.585416	-1.70819	0.0599527	0.318232	-2.95752	0.618864	0.773957	-1.29206	0.914259	1.0578	1.0578	0.285155	0.567104	-1.76334	0.465312	0.684099	-1.46178	0.0651941	2.87978	2.87978	0.176513	2.08363	2.08363	0.651079	1.2619	1.2619	1.85176	7.65604	3.67508	1
cg13632058	DPH8;1;DPH8;1	0.198933	0.283213	1.44158	1.44158	1.128146	1.71516	1.71516	0.51386	1.24255	1.24255	0.443851	1.29184	1.29184	0.20268	1.55451	1.55451	0.248651	0.673304	-1.48521	0.0352184	0.447239	-2.23574	0.987957	0.995053	-1.00497	0.795037	1.08915	1.08915	1.85174	3.15554	1.51475	1
cg18810947	TNPO2;TNPO2;TNPO2	0.198936	0.515385	0.846746	-1.18099	0.2925055	0.759238	-1.31711	0.116092	1.53838	1.53838	0.950094	0.984337	-1.01591	0.161931	0.686151	-1.4574	0.340266	0.780457	-1.2813	0.0481079	0.565666	-1.76783	0.0820029	0.61507	-1.62583	0.387579	0.799828	-1.25207	1.45173	1.86554	0.389552	1
cg15284897	YES1	0.198938	0.44305	0.896221	-1.1158	0.5642096	0.921596	-1.08507	0.9486611	0.873555	-1.14475	0.109349	1.27709	1.27709	0.136158	0.798599	-1.25329	0.104419	0.779868	-1.28227	0.2473792	0.955796	-1.04625	0.1004	1.28679	1.28679	0.588277	1.07947	1.07947	1.85171	0.57563	0.276123	1
cg04457794	CTSF;CTSE	0.198943	0.192396	0.684496	-1.46093	0.0680821	0.57172	-1.74911	0.0828288	0.58995	-1.69506	0.186874	0.880865	-1.46872	0.0401392	0.521234	-1.91852	0.260022	0.72412	-1.38099	0.435886	1.24402	1.24402	0.239513	0.71291	-1.4027	0.499642	0.828392	1.202716	2.13174	1.02668	1
cg00440702	CEP97	0.198943	0.767212	1.06697	1.06697	0.38956	0.824869	-1.21231	0.622834	0.897405	-1.11432	0.598969	1.12285	1.12285	0.227233	1.31891	1.31891	0.778607	1.06348	1.06348	0.0100934	2.03157	2.03157	0.6939	0.917253	-1.09021	0.382509	0.822378	-1.21599	1.85169	1.39828	0.672134	1
cg00859152	NIK;TNIK	0.198948	0.782655	1.10671	1.10671	0.173379	0.58628	-1.70567	0.65223	0.846757	-1.18098	0.45044	1.32573	1.32573	0.145345	2.36603	2.36603	0.0603835	0.459993	-2.17395	0.815648	1.08941	1.08941	0.366486	1.40251	1.40521	0.674029	0.856313	-1.1678	1.85167	3.94276	1.89271	1
cg20639808	SEZ6;SEZ6	0.198955	0.114929	0.411712	-2.42992	0.0164418	0.230459	0.0367606	0.286162	-3.49453	0.682783	0.809044	-1.23603	0.345712	0.606035	-1.65007	0.357155	0.843664	-1.18561	0.546035	0.0752003	-1.33703	0.987871	0.627768	-1.59295	0.91143	0.49004	-2.04065	1.85166	7.79955	3.74418	1
cg10292760	CD44;CD44;CD44;CD44;CD44	0.198956	0.0827309	1.289403	-3.45539	0.101976	0.315033	-3.17427	0.0373165	0.526806	-1.89372	0.137125	0.355838	-2.81027	0.0303115	0.19337	-5.17444	0.115026	0.353567	-2.82832	0.431529	0.595685	-1.67874	0.0776891	0.282149	-3.54422	0.186271	0.404862	-2.46998	1.85163	12.2115	5.86224	1
cg02219878	FAM131A	0.198957	0.398047	1.30568	1.30568	0.0196199	2.38478	2.38478	0.130914	1.615329	1.65329	0.0442726	2.02856	2.02856	0.268562	0.874906	-1.14298	0.348738	1.3463	1.3463	0.909	0.965369	-1.03587	0.301548	1.39089	1.39089	0.611944	1.17081	1.17081	1.85162	2.78646	1.33767	1
cg13788313	GABI2	0.198959	0.975069	0.015529	0.015529	0.0756403	0.442044	0.46443	0.0403049	3.0959	3.0959	0.773537	0.8029393	-1.15036	0.788893	1.17634	1.17634	0.16227	2.06175	2.06175	0.425422	1.48464	1.48464	0.218448	1.87473	1.87473	0.972002	1.01719	1.01719	1.85158	6.912355	3.31841	1
cg04132353	CAPN14;CAPN14	0.19897	0.2067262	0.742109	-1.34751	0.359663	0.8098323	-1.23484	0.737371	0.927391	-1.07829	0.569108	0.879074	-1.13756	0.845343	0.957202	-1.04471	0.036785	0.580825	-1.72169	0.0408713	1.69662	1.69662	0.971407	1.00806	1.00806	0.533947	0.868441	-1.15153	1.85156	1.47107	0.706222	1
cg10932596	PRDM16;PRDM16	0.198971	0.963706	0.98379	-1.01648	0.2229235	2.69177	2.69177	0.684619	1.15766	1.15766	0.874209	1.0904	1.0904	0.932712	0.964831	-1.0364	0.0832308	1.0912	1.0912	0.0823713	1.99289	1.99289	0.923737	1.70776	1.70776	0.158453	1.73853	1.73853	1.85155	3.78241	1.81585	1
cg22111442	SNORD85;PUM1;PUM1	0.198976	0.375883	0.748494	-2.66093	0.147709	1.68209	1.68209	0.0403049	1.58129	1.58129	0.413799	0.9115387	1.10725	0.0120329	0.9564515	-1.0461	0.1558668	0.577208	-1.73248	0.952999	0.947369	-1.05555	0.879153	0.860743	-1.43478	0.304832	2.59854	1.85153	24.6721	11.9447	1
cg04527071	BRSK2	0.198982	0.534158	1.28694	1.28694	0.0426924	2.5468	2.5468	0.0161964	3.24938	3.24938	0.492029	1.32261	1.32261	0.543949	0.78184	-1.27903	0.887967	0.945087	-1.0581	0.242092	1.63322	1.63322	0.509939	1.3071	1.3071	0.920265	0.960677	-1.04093	1.8515	4.70755	2.26005	1
cg19980593	KCNJ5	0.198985	0.612374	1.04796	1.04796	0.378024	1.08628	1.08628	0.0156354	1.15154	1.15154	0.512597	1.03771	1.03771	0.459027	1.07556	1.07556	0.0957832	1.84583	-1.18262	0.792055	0.976067	-1.02452	0.612516	1.04094	1.04094	0.020418	1.29199	1.29199	0.91549	0.24647	0.118329	1
cg18030007	CBorf41;CBorf41	0.198987	0.271485	0.804634	-1.24228	0.394525	1.18009	1.18009	0.627455	0.979731	1.09731	0.627048	0.911217	-1.09743	0.0613949	1.49209	1.49209	0.787607	1.05261	1.05261	0.0393771	0.635997	-1.57233	0.25587	0.798345	-1.25259	0.863765	1.03315	1.03315	1.85148	1.05724	0.507577	1
cg27564403	CYTH1;CYTH1	0.198989	0.267032	0.737411	1.55708	0.0402	1.49295	1.49295	0.0155405	1.55403	1.55403	0.136136	1.13746	1.13746	0.18872	1.54981	1.54981	0.0729151	1.84877	-1.18263	0.794143	0.548958	-1.82163	0.274945	0.660459	-1.66262	0.157544	1.26141	1.26141	1.85147	4.96035	2.68135	1
cg12007828	C20orf196	0.198989	0.244274	0.847596	-1.17981	0.55744	1.08387	1.08387	0.0675411	1.32051	1.32051	0.989445	0.998206	-1.0018	0.371923	0.882994	1.13251	0.138886	1.24139	1.24139	0.652887	1.06338	1.06338	0.0498268	1.35483	1.35483	0.523979	0.916074	-1.09161	1.85147	0.5402866	0.259391	1
cg22704788	PIK3;P;PIK3;P	0.198992	0.527226	0.656788	-1.52256	0.0141776	0.13724	-2.78649	0.0943578	0.299348	-3.34059	0.914428	1.07309	1.07309	0.348118	0.385051	-2.59706	0.241067	0.44692	-2.23754	0.513109	0.647043	-1.54549	0.401595	0.569278	-1.75661	0.434258	1.68808	1.68808	1.85145	12.6283	6.06267	1
cg02053213	THAP3;DNAJC11	0.198995	0.379137	1.21609	1.21609	0.0706224	1.32167	1.32167	0.0739469	1.2019	1.2019	0.221106	1.32167	1.32167	0.0154922	1.45265	1.45265	0.170946	0.772675	-1.29459	0.0374474	1.67773	1.67773	0.166146	1.56346	1.56346	0.879016	1.03358	1.03358	1.85144	1.37859	0.681871	1
cg18673954	INA	0.199002	0.884859	0.931028	-1.07408	0.017708	0.695995	0.695995	0.496834	1.4053	1.4053	0.20276	1.94098	1.94098	0.522932	0.726638	-1.3762	0.53789	0.735192	-1.36019	0.0451343	0.321843	-3.10711	0.572455	0.754798	-1.32486	0.251223	0.553637	-1.80624	1.85141	7.13258	3.42447	1
cg26830192	CLN8	0.199007	0.342313	0.840026	-1.17782	0.13628	1.30803	1.30803	0.271	1.21131	1.21131	0.180318	1.2687	1.2687	0.106739	0.744831	-1.34259	0.900933	1.02105	1.02105	0.828096	1.37896	1.37896	0.363107	0.861951	-1.16016	0.986138	1.00386	1.00386	1.85138	0.820494	0.393937	1
cg08694295	AMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.199007	0.560467	0.722404	-1.38427	0.321743	1.76028	1.76028	0.786315	1.16196	1.16196	0.252791	0.51694	-1.93446	0.0243867	0.227875	-4.38837	0.928626	1.05073	1.05073	0.0498671	0.280672	-3.4403	0.568225	1.37523	1.37523	0.781492	0.857616	-1.16602	1.85138	8.94736	4.29582	1
cg23836463	VPS52	0.199007	0.637937	1.09145	1.09145	0.0788002	1.39565	1.39565	0.0914244	1.13154	1.13154	0.512597	1.07255	1.07255	0.0273521	1.12731	1.12731	0.0857235	1.36242	1.36242	0.0127376	1.07056	1.07056	0.727256	1.14143	1.14143	0.815136	1.02857	1.02857	1.85137	0.0268857	0.0129	1
cg22258045	PLEC1;PLEC1	0.199018	0.868423	0.958795	-1.04298	0.720674	0.739713	-1.35187	0.233678	0.728421	-1.37283	0.266898	1.34119	1.34119	0.249332	1.31789	1.31789	0.0723908	1.65533	1.66355	0.277967	1.33151	1.33151	0.100198	1.63312	-1.57948	1.85133	1.8885	0.906739	1
cg09384159	TUBE1;C6orf225	0.199021	0.483332	0.761457	-1.31327	0.993939	0.997098	-1.00291	0.881013	1.05897	1.05897	0.237009	0.622545	-1.60631	0.0534966	0.432157	-2.31398	0.137166	1.845	1.845	0.110004	1.94723	1.94723	0.77479	1.11599	1.11599	0.231397	1.61642	1.61642	1.85131	4.29092	2.06024	1
cg21594306	MOXD1	0.199024	0.285529	1.57422	1.57422	0.592193	0.801559	-1.24757	0.335904	1.50068	1.50068	0.283042	0.633627	-1.57821	0.161657	0.542603	-1.84297	0.52711	0.769408	-1.2997	0.0936344	0.470333	-2.12604	0.709847	2.21446	2.21446	0.464278	1.35622	1.35622	1.8513	4.90671	2.35592	1
cg00558813	PDDNL1;DCAF15;PDDNL1	0.199029	0.0299964	1.568424	1.568424	1.92894	1.9313	1.9313	0.580924	1.11932	1.11932	0.0619465	0.653803	-1.52951	0.0405465	0.3555	-2.81294	0.762108	1.0633	1.0633	0.0168	2.19005	2.19005	0.0439375	2.11888	2.11888	0.173779	0.933313	-1.07345	1.85127	1.9837	0.975306	1
cg06339505	ERT14	0.19903	0.511694	0.801633	-1.24745	0.186304	0.627844	-1.59275	0.76011	1.1071	1.1071	0.16391	1.63802	1.63802	0.677691	0.870359	-1.14895	0.763342	1.10552	1.10552	0.0189251	2.57087	2.57087	0.703669	0.880771	-1.13537	0.342622	0.722663	-1.38377	1.85127	3.2385	1.5537	1
cg22949229	TARP;TARP	0.199042	0.941964	1.01241	1.01241	0.0481771	1.48271	1.48271	0.870403	1.02834	1.02834	0.135861	0.7543191	-1.32562	0.0415098	0.711211	-1.40577	0.370827	1.1751	1.1751	0.0453705	1.4964	1.4964	0.0838209	1.41916	1.41916	0.402354	1.00315	1.00315	1.85125	1.15775	0.625315	1
cg20401540	PRKY	0.199035	0.2279554	0.622661	-1.60601	0.00839087	0.272048	-3.67582	0.449682	0.75047	-1.3325	?	?	?	?	0.735464	1.13437	1.13437	0.310657	0.67582	-1.47968	0.570289	0.807754	-1.238	0.850529	0.932291	-1.07263	0.803713	0.911592	1.096698	1.93916	1.68986	1.66496	1
cg16193899	LYRM4;LYRM4	0.199035	0.924673	0.970537	-1.03036	0.75474	0.905653	-1.10418	0.407121	0.764785	-1.30756	0.359148	0.742182	-1.34738	0.0589171	0.509382	-1.96316	0.409822	1.30545	1.30545	0.0524385	2.00861	2.00861	0.806354	1.08076	1.08076	0.136457	0.602088	-1.66089	1.85124	2.93198	1.40781	1
cg03739236	ANKRD11	0.199037	0.0682404	1.494337	1.494337	0.858586	0.910934	-1.09773	0.824382	0.899159	-1.11161	0.796482	0.9161	0.9161	0.796482	0.912889	-1.09546	0.352284	0.778704	-1.28434	0.191139	0.674664	-1.4819	0.0842401	0.860748	-1.16178	0.204564	0.830046	-1.58718	1.85124	1.40985	0.676638	1
cg08044454	ELMO1;ELMO1;ELMO1;ELMO1	0.199038	0.177784	0.340481	-2.93702	0.258546	0.411935	-2.42756	0.840504	1.15524	1.15524	0.350867	0.485599	-2.05931	0.0771413	0.220338	-4.53848	0.385791	0.512271	-1.95209	0.0186067	0.1169	-8.55428	0.0780404	0.228896	-4.36879	0.334922	0.473253	-2.11304	1.85123	16.5947	7.96813	1
cg13242720	UNC5	0.199042	0.483391	1.24698	1.24698	0.0911228	1.63227	1.63227	0.0313337	1.58355	1.58355	0.0139775	0.69735	-1.43407	0.0111507	0.63775	-1.56807	0.558526	1.08266	1.08266	0.0744662	1.33281	1.33281	0.0444911	1.075	1.075	0.915933	0.817019	1.08915	1.85121	1.26871	0.685871	1
cg11099262	MEGF11	0.199042	0.186669	0.761802	-1.31268	0.0378395	0.59688	1.59688	0.17973	1.31909	1.31909	0.145139	0.737792	-1.3554	0.766341	1.05963	1.05963	0.828838	0.958792	-1.04298	0.314584	1.224	1.224	0.596814	0.901442	-1.10933	0.437165	1.16655	1.16655	1.85121	1.10756	0.531813	1
cg15397568	ZNF836	0.199046	0.0628863	1.324115	1.324115	0.0952614	1.10644	1.10644	0.0664684	1.64089	1.64089	0.630199	0.955851	1.05914	0.0424028	0.8328899	-1.20066	0.237604	1.14863	1.14863	0.0102442	2.04636	2.04636	0.0178061	1.90681	1.90681	0.115122	0.963635	0.995185	1.00484	1.85119	0.367809	0.176659	1
cg22946079	PPP3R10	0.199047	0.187882	0.784001	-1.27551	0.177254	1.18477	1.18477	0.0864391	1.08047	1.08047	0.0298	0.92905	1.07609	0.0364738	0.856674	-1.16731	0.076195	0.703902	-1.41063	0.135806	1.32353	1.32353	0.0140348	1.3497	1.3497	0.163489	0.845217	-1.18313	1.85118	0.581497	0.428074	1
cg19500415	TRIM67	0.199049	0.894016	0.936823	-1.06744	0.793727	1.13689	1.13689	0.340375	0.618118	-1.61781	0.206399	0.520734	-1.92037	0.267872	0.568314	-1.75959	0.618383	1.27875	1.27875	0.00761634	0.186364	-5.36583	0.889974	1.07012	1.07012	0.507604	0.719558	-1.38974	1.85118	7.02818	3.37476	1
cg16046937	JAKMIP3	0.199055	0.521153	0.798798	-1.25188	0.307996	1.08205	1.08205	0.104791	1.35463	1.35463	0.516758	0.741245	-1.34896	0.35163	1.39255	1.39255	0.388553	1.34127	1.34127	0.0390043	2.63125	2.63125	0.0265154	1.61743	1.61743	0.344657	1.07439	1.07439	0.98517	1.0483	1.68	1
cg05722487	TNFRSF12A	0.199055	0.386213	0.856102	-1.16768	0.741105	0.05359	0.05359	0.0516738	0.705601	-1.41723	0.518663	0.902106	-1.10852	0.073858	0.730726	-1.3685	0.274208	0.835983	1.1962	0.224775	1.22234	1.22234	0.716765	1.05904	1.05904	0.011122	0.753761	-1.32668	1.85117	0.726874	0.349028	1
cg23102094	UBL4A	0.199064	0.315368	1.75827	1.75827	0.176355	2.18409	2.18409	0.846919	0.900289	-1.11075	0.651595	0.781108	-1.28023	0.0160254	0.201599	-4.96034	0.348932	1.1677	1.1677	0.314055	1.76095	1.76095	0.789296	1.15669	1.15669	0.09767	1.04421	1.04421	1.85115	8.65963	4.34107	1
cg18896072	LOC153328	0.199055	0.0817781	0.632648	-1.58066	0.0237707	0.520119	-1.92264	0.0211455	0.821341	-1.21486	0.387717	1.23387	1.23387	0.0302083	1.10701	1.10701	0.580338	1.14175	1.14175	0.264747	0.303097	3.30016	0.0116955	1.12449	1.12449	0.303097	0.88316	-1.25816	0.82932	0.950044	-1.05258	1.85115	1.65202	0.793273	1
cg25649779	TPX2	0.199055	0.606923	0.854401	-1.17041	0.524028	1.2964	1.2964	0.0175088	3.19803	3.19803	0.824763	1.09325	1.09325	0.227227	0.600703	-1.66472	0.949334	1.02588	1.02588	0.32283	0.663276	-1.50767	0.625451	1.2187	1.2187	0.121467	0.96402	1.96402	1.85115	4.73867	2.27543	1
cg19957162	FZD5	0.199059	0.527133	0.78841	-1.26839	0.423618	1.32425	1.32425	0.0731945	1.65107	1.65107	0.278845	0.755642	-1.32345	0.0607177	0.624885	-1.60116	0.565406	1.24343	1.24343	0.0488686	1.50316	1.50316	0.0174881	1.54065	1.54065	0.0180243	0.822107	-1.21792	1.85114	0.49295	0.19882	1
cg02539664	SRGAP3;SRGAP3	0.199061	0.334575	1.44738	1.44738	0.342121	0.694613	-1.43965	0.317131	0.680976	-1.46848	0.220023	1.61469	1.61469	0.499261	0.775045	-1.29025	0.904248	0.956271	-1.04573	0.0270144	0.378012	-2.64542	0.607591	1.21221	1.21221	0.120936	0.535342	-1.86797	1.85112	0.04722	1.94343	1
cg01466576	AP1N	0.199062	0.372459	0.604667	-1.64347	0.593561	0.746562	-1.33947	0.983159	0.988653	-1.01152	0.229228	0.500867	-1.99654	0.0140428	0.192869	-5.18406	0.529853	1.41243	1.41243	0.803267	1.14707	1.14707	0.564588	1.07897	1.07897	0.213422	0.582736	-1.71604	1.8511	2.83872	1.42444	1
cg01807375	RBM33	0.199066	0.652033	0.886317	-1.12826	0.944249	1.01877	1.01877	0.220813	1.40803	1.40803	0.744184	1.09095	1.09095	0.0100299	0.421441	-2.37281	0.338598	1.29984	1.29984	0.547172	1.17581	1.17581	0.747721	0.917782	-1.08958	0.743156	1.09135	1.09135	1.8511	2.07206	0.994996	1
cg06357308	SEMA3A	0.199068	0.144376	0.765143	-1.30694	0.827202	0.963365	-1.03803	0.0758855	1.40111	1.40111	0.2622	0.819066	-1.2209	0.36616	0.853418	-1.17176	0.116828	0.74761	-1.3376	0.304507	1.19907	1.19907	0.204758	0.795772	-1.25664	0.348478	0.848074	-1.17914	1.85108	0.854485	0.410323	1
cg16785172	WDR20	0.199071	0.537998	0.806145	-1.24015	0.399572	1.12403	1.12403	0.0613094	1.24684	1.24684	0.630199	0.958351	1.04356	0.0423908	0.832899	-1.20062	0.440102	1.14863	1.14863	0.0102442	1.94636	1.94636	0.0178061	1.90681	1.90681	0.115122	0.963635	0.995185	1.00484	1.85119	0.367809	0.176659	1
cg00270202	MGRN1;MGRN1;MGRN1;MGRN1	0.199071	0.791986	1.10099	1.10099	0.822764	1.08509	1.08509	0.98613	1.00635	1.00635	0.376596	0.718733	-1.39134	0.0059235	0.269758	-3.70703	0.397006	0.729286	-1.3712	0.699487	1.15164	1.15164	0.662812	0.8524	-1.17316	0.320646	0.688314	-1.45283	1.85107	3.88422	1.86521	1
cg09356193	PACS2;PACS2	0.199072	0.600193	1.04114	1.04114	0.460917	0.658007	1.58247	0.0736934	1.67523	1.67523	0.0819987	0.68192	1.06192	0.0413537	0.810864	-1.23342	0.513183	0.84331	1.0774	0.0115863	1.68279	1.68279	0.0228655	1.78589	1.78589	0.0133127	0.814335	-1.22814	1.85107	0.649955	0.351683	1
cg21868061	MGAT5B;MGAT5B	0.199079	0.780604	0.869531	-1.15005	0.816885	0.890359	-1.12314	0.017468	0.234915	-4.25685	0.702525	0.825204	-1.21182	0.0827637	0.382155	-2.61674	0.758168	1.16827	1.16827	0.0941729	0.397985	-2.51266	0.527485	1.37786	1.37786	0.310332	0.591202	1.69147	1.85103	7.349	3.52909	1
cg17315701	CBorf75	0.199082	0.982969	0.986093	-1.0141	0.0132883	0.13361	-7.48448	0.0465708	0.224172	-4.46086	0.498484	1.56962	1.56962	0.198206	0.560922	-1.78278	0.445061	0.600037	-1.66656	0.794919	0.842615	-1.18678	0.734543	0.799876	-1.25019	0.899453	1.08918	1.08918	1.85102	12.6191	6.0599	1
cg00061031	ANP32B	0.199082	0.0782787	0.858397	-1.16515	0.0153512	0.307465	-3.2541	0.0236226	0.482626	-2.07208	0.240826	0.40221	0.643932	1.28417	0.18417	-5.42904	0.0748486	0.503316	0.84886	-1.17825	0.216519	0.497173	-2.01137	0.127624	0.414227	-2.4235	0.691808	0.807266	-1.23875	0.4102	0.46526	0.405516	1
cg16233210	FNDC3B;FNDC3B	0.199082	0.311737	0.832135	-1.20173	0.113306	0.737435	-1.35605	0.89397	1.02369	1.02369	0.896056	0.97731	-1.02322	0.0596058	0.688462	-1.45251	0.859318	1.03164	1.03164	0.0412305	1.51209	1.51209	0.841696	0.965496	-1.03574	0.758806	1.05557	1.05557	1.85101	0.903901	0.434069	1
cg00737155	SOBP	0.199082	0.994252	1.01551	1.01551	0.0124	1.68436	1.68436	0.01728	1.42656	1.42656	0.895105	1.04804	1.04804	0.923861	0.954342	-1.04886	0.439083	1.44258	1.44258	0.0184443	1.82579	1.82579	0.0380806	1.63328	1.63328	0.877958	1.07969	1.07969	1.85101	2.91915	1.45502	1
cg09660867	LOC728264	0.199087	0.0480158	0.490646	-2.03813	0.187561	0.640546	-1.55268	0.0628858	0.525675	-1.90232	0.260655	0.708208	0.498369	-2.00555	0.078015	0.540703	0.184944	0.379585	0.752796	-1.32838	0.206798	0.657415	-1.52111	0.582923	0.817946	-1.22257	0.134726

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(1 vs.105T)	p-value(057 vs. N)	Fold-Change(1 vs.057)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(117 vs. N)	Fold-Change(1 vs.117)	p-value(127 vs. N)	Fold-Change(1 vs.127)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. 127T vs. N)	Fold-Change(1 vs.121T)	p-value(347T vs. N)	Fold-Change(1 vs.347T)	p-value(477 vs. N)	Fold-Change(1 vs.477)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537 vs. N)	Fold-Change(1 vs.537)	p-value(637 vs. N)	Fold-Change(1 vs.637)	F(Test)	SS(Test)	SS(Error)	F(Error
cg26853855	CSRNP3		0.8089	0.919317	-1.07306	0.871419	0.953939	-1.04829	0.455896	1.24754	1.24754	0.167585	1.53451	1.53451	0.715266	1.88118	1.88118		0.959397	0.985289	-1.01493	0.150868	0.638798	-1.56544	0.188163	1.50075	0.50075	0.0608231	1.804437	1.804437	1.85009	2.48318	1.19306	1
cg07753203	OLFML2A		0.199273	0.36998	1.64344	1.643344	0.232147	3.86699	0.8811617	2.8386	2.8386	0.0853869	2.79033	2.79033	0.562854	0.729304	-1.37117		0.357987	1.66541	1.66541	0.0716524	2.96038	2.96038	0.356696	1.66783	1.66783	0.527435	1.41268	1.41268	1.85009	8.53172	4.09913	1
cg04993276	DNAJC6		0.199276	0.199687	0.747471	-1.33784	0.0769599	1.52576	1.52576	0.118748	1.43875	1.43875	0.271179	0.781853	-1.27901	0.968637	0.99159	-1.00848		0.647527	1.10394	1.10394	0.118198	0.6946505	-1.43967	0.557306	0.880294	-1.13598	0.396979	1.20481	1.20481	1.85008	3.35219	0.649673	1
cg07779206	FKBP4		0.666512	1.22675	1.22675	0.8042111	0.889661	-1.12405	0.341882	1.58573	1.58573	0.753402	1.55994	1.55994	0.681032	0.823197	-1.2148		0.02268068	0.276863	-3.6119	0.135686	0.4690057	-2.13194	0.467916	1.41582	1.41582	0.109698	0.4400216	2.272644	1.85007	6.49415	3.12019	1
cg25685996	DUSL		0.199278	0.99786	-1.00948	0.85776	1.05035	1.05035	0.0472188	1.86224	1.86224	0.0106331	1.03096	1.03096	0.0963358	0.606542	-1.64869		0.06420045	0.56582	-1.76735	0.723242	1.102026	1.102026	0.412072	1.25933	1.25933	0.523132	0.837608	-1.19388	1.85006	2.19706	1.05561	1
cg07104748	GLI3		0.199280	0.424311	1.2401	1.2401	0.894284	1.03569	1.2401	0.387281	1.26328	1.26328	0.0936488	0.619441	-1.62617	0.109478	1.42976		0.04111127	1.86171	1.86171	0.0830969	1.65867	1.65867	0.676728	1.11692	1.11692	0.49456	1.20073	1.20073	1.85003	2.03788	0.979147	1
ch.11.2495959	ARHGEF12		0.199289	?	?	?	?	?	0.537774	1.99869	1.99869	0.963791	0.950953	-1.01558	?	?	?		0.06816643	0.0999499	-10.005	0.37519	2.75192	2.75192	0.17571	5.004	5.004	0.14475	5.78047	5.78047	1.96159	24.8831	14.7993	1
cg12058185	ARHGAP15		0.199289	0.872903	1.05584	1.05584	0.01818082	2.69422	2.69422	0.999631	1.82611	1.82611	0.594556	1.21035	1.21035	0.180274	0.580539	0.824704	-1.21256		0.344248	1.39991	1.39991	0.3605652	0.725466	-1.37844	0.176393	1.64261	1.64261	0.811171	0.920676	-1.08616	1.85001	3.49352	1.67856	1
cg09303977	MDH1,C2orf86		0.199295	0.113556	0.637815	1.567285	0.5393376	0.850192	-1.1762	2.020411	1.40004	1.40004	0.478005	0.828938	-1.20636	0.742703	1.08985		0.293106	0.752128	-1.32956	0.0171318	0.4682208	-2.1358	0.228026	0.944764	-1.05847	0.2653735	0.738674	-1.35378	1.84998	1.96852	0.960308	1
cg16325826	MCF2L,MCF2L		0.199299	0.814235	1.17436	1.17436	0.00962708	9.37108	9.37108	0.0455087	4.78776	4.78776	0.959583	0.965988	-1.03521	0.505164	1.5868	1.5868		0.751251	1.24253	1.24253	0.308077	2.05523	2.05523	0.475849	1.64061	1.64061	0.863272	1.1249	1.1249	1.84997	13.6609	6.5639	1
cg16402226	HAPLN1		0.199304	0.0720468	1.53879	1.53879	0.7087744	1.42205	1.42205	0.0188439	2.06455	2.06455	1.23847	1.23847	0.490778	1.16211	1.16211	0.534153	0.0515466		0.188373	1.34875	1.34875	0.472261	0.854754	-1.16993	0.0757378	0.6537778	-1.52957	0.303619	1.25607	1.25607	1.84996	1.34999	0.64866	1
cg08583611	CRIM1		0.199302	?	?	?	0.2919337	4.44089	4.44089	0.113862	2.63166	2.63166	0.931744	0.954352	-1.04783	0.416156	1.57901	1.57901		0.211763	2.07738	2.07738	0.860408	0.908437	-1.10079	?	?	?	?	?	2.06639	6.18011	2.99078	1
cg26081150	IRS4		0.199306	0.0596619	0.148007	-6.75646	0.0342257	0.198612	0.2556	3.913598	0.7175398	0.721998	-1.3862	0.182937	5.5621	0.509466	0.547971	-1.82492		0.191115	0.289955	-3.44881	0.9158827	0.9093397	-1.09963	0.7000115	1.41627	1.41627	0.6902227	1.43349	1.43349	1.84993	21.5751	11.3759	1
cg03553246	SH3BP2;SH3BP2;SH3BP2;SH3BP2		0.199307	0.144764	0.682096	-1.46607	0.5155015	0.851265	-1.17472	0.8036964	1.06273	1.06273	0.731373	0.919269	-1.08782	0.0177662	0.4945469	-2.02196		0.09125154	0.63487	-1.57513	0.1461251	0.683021	-1.46408	0.109768	0.6532214	-1.53089	0.372882	0.799751	-1.25039	1.84992	1.74814	0.839582	1
cg27033198	ANKRD13A		0.199309	0.0199278	0.1358555	-7.3608	?	?	?	0.937898	0.952602	-1.04966	0.145964	0.36072	-2.77224	0.907436	1.07516	1.07516		0.7371555	1.09173	1.09173	0.574143	1.424503	1.42450	0.446526	0.648447	-1.54215	0.3604459	0.550804	-1.81553	2.21409	9.71141	3.13299	1
cg27555099	LGR6		0.199315	0.0500726	0.5587016	-1.78982	0.105569	0.630856	-1.58515	0.9170989	1.09075	1.0275	0.411871	0.803763	-1.24435	0.0791156	0.6607236	-1.51435		0.1731155	1.09173	1.09173	0.574143	1.0713741	1.07137	0.882539	1.159317	-1.15753	1.137514	0.84089	1.18986	0.955714	1.13251	0.84089	1
cg25909854	MIPEP		0.199316	0.819381	1.05696	1.05696	0.6616637	1.11257	1.11257	0.612705	0.883691	-1.13162	0.912376	1.02702	1.02702	0.596265	1.13827	1.13827		0.9889567	0.996656	-1.00335	0.00449344	2.50298	2.50298	0.93892	0.981608	-1.01874	0.939693	0.981839	-1.0185	1.84988	1.71892	0.825959	1
	OPA1;OPA1;OPA1;OPA1;OPA1;OPA1;O																																
cg17791489	PA1;OPA1		0.199321	0.727155	1.30735	1.30735	0.924584	1.07513	1.07513	0.496039	0.589301	-1.66962	0.22395	2.65768	2.65768	0.237042	2.61679	2.61679		0.805662	1.20755	1.20755	0.0469404	0.569736	0.5697	0.0190033	0.78108	0.78108	0.289482	2.31913	2.31913	1.84986	17.1494	8.24058	1
cg07223447	CESI		0.199326	0.132072	0.605543	-1.65141	0.1640447	1.58135	1.58135	0.0735857	0.540309	-1.85079	0.937698	0.976163	-1.02442	0.197476	0.656752	-1.52264		0.0493445	0.500413	-1.99835	0.881725	1.04702	1.04702	0.841207	1.06387	1.06387	0.579863	0.841497	-1.18836	1.84983	2.79051	1.3409	1
cg08488522	TTLL4		0.199328	0.174225	0.677575	-1.47585	0.1548344	0.768602	-1.30156	0.9768284	0.893221	-1.12081	0.919734	1.06214	1.06214	0.715299	0.906063	-1.10368		0.404298	1.25835	1.25835	0.0397729	0.4118347	-2.42809	0.579677	1.16259	1.16259	0.793518	1.07319	1.07319	1.84982	2.12454	1.0209	1
cg20752553	ANO10		0.199329	0.209313	0.752596	-1.32983	0.2575445	0.796722	-1.25514	0.9983841	0.9996	-1.0004	0.809878	0.954702	-1.04745	0.0382631	0.630128	-1.58698		0.297221	0.812337	-1.23103	0.256706	1.25569	1.25569	0.199764	1.29763	1.29763	0.161755	0.752547	-1.32882	1.84982	1.08373	0.520763	1
cg05538950	CDH8		0.199332	0.0997308	0.6003208	1.6652288	0.0322268	0.460021	-2.1721	0.1215869	0.6577323	1.52133	0.905841	0.964894	-1.03638	0.581858	1.1829	1.1829		0.7052648	1.1851	1.1851	0.1225161	0.8384557	1.04403	0.194651	0.9605666	0.985179	-1.01504	0.9498	2.0721	1.2402	1.2402	1
cg02582925	ARSB;ARSB;ARSB;ARSB		0.199331	0.222274	0.714976	-1.39865	0.5478889	1.1724	1.1724	0.0397713	1.86228	1.86228	0.101465	0.625593	-1.59848	0.661602	0.891184	1.1221		0.14451	1.663665	-1.50678	0.3374418	0.772068	-1.29522	0.895191	0.966112	-1.03508	0.827087	1.05889	1.05889	1.84981	2.00441	0.963179	1
cg03415518	RMST;MIR1251		0.199332	0.400421	1.29129	1.29129	0.633868	0.867177	-1.15317	0.0385029	0.490648	-2.01812	0.729986	0.902213	-1.10839	0.104001	1.69545	1.69545		0.273574	1.40271	1.40271	0.109707	1.6785	1.6785	0.905213	0.965238	-1.03601	0.948011	1.01956	1.01956	1.84981	2.58434	1.24186	1
cg13365340	B3GALT4		0.199336	0.752224	0.739155	-1.3529	0.167743	0.66792	-1.49733	0.5737728	1.13728	1.13728	0.0388557	0.80005	1.25006	0.0838503	0.8005	1.24953	0.0215096		0.912787	1.11021	1.11021	0.580668	0.8047	-1.24257	0.573108	0.8726	-1.14617	0.7262606	0.8726	-1.14617	1.84980	1.28407	0.694241	1
cg27408683	NACC2		0.199339	0.386502	1.26718	1.26718	0.07987	1.67936	1.67936	0.911035	0.970626	-1.03026	0.725726	0.910328	-1.0985	0.459061	1.22274	1.22274		0.119408	1.5695	1.5695	0.0144985	2.23318	2.23318	0.959563	1.01362	1.01362	0.779791	0.927961	-1.07763	1.84978	2.08451	1.00168	1
cg20963592	LAP3;LAP3		0.199339	?	?	?	0.2564198	2.18318	2.18318	0.631783	1.82318	1.82318	0.463787	1.43738	?	?	?		0.548332	1.1392	1.1392	0.153485	2.14495	2.14495	0.0545453	1.38103	1.38103	0.31859	1.32089	1.32089	1.84966	4.10165	1.83711	1
cg03154296	AMIGO2;AMIGO2		0.199339	0.911272	1.06173	1.06173	0.8504583	1.27821	1.27821	0.0748858	2.90364	2.90364	0.757585	1.181	1.181	0.479773	0.679761	-1.47111		0.6097323	1.336263	-2.97186	0.534889	0.7134131	-1.40171	0.288054	0.552844	-1.80883	0.669573	0.794006	-2.15944	1.84977	8.45883	4.06481	1
cg14866547	EYA4;EYA4;EYA4		0.199342	0.142134	0.383106	-2.61025	0.0171494	0.171007	-5.84772	0.189341	0.429425	-2.3287	0.922838	1.06067	1.06067	0.0581166	0.271973	-3.67684		0.463017	0.634975	-1.57486	0.6849594	0.780136	-1.28183	0.194253	0.4199	-2.30468	0.9540213	1.03568	1.03568	1.84976	10.8287	5.20366	1
cg02256501	FBXL3		0.199343	0.528352	1.28376	1.28376	0.4751182	1.27197	1.27197	0.104764	1.95955	1.95955	0.482821	1.17113	1.17113	0.0972498	1.25465	1.25465	0.488662	1.13024	1.13024	0.527237	1.28342	1.28342	0.692174	1.85641	1.67367	1.14475	0.442824	2.15616	1.84975	2.96441	1.60295	1
cg19551585	UCKL1		0.199345	0.218065	0.2960134	-3.37798	0.845708	1.20074	1.20074	0.912485	0.901884	-1.10881	0.51671	1.85463	1.85463	0.040752	0.108695	9.20008		0.234973	0.310516	-3.22044	0.0537653	0.127727	-7.82659	0.130162	0.215271	-4.6453	0.152397	0.236872	-4.22168	1.84974	25.8593	12.4266	1
cg09381155	EPHB1		0.199346	0.0268102	0.5006886	1.9972603	0.0232288	0.402217	-2.48566	0.0979779	0.542896	-1.84202	0.179125	0.73233	1.36568	0.0179629	0.4102	2.43756	0.0128616		0.0705348	1.1851	1.1851	0.1225161	0.5384558	1.85657	0.144003	0.5386033	1.85657	0.144003	0.802031	-1.24684	0.786182	0.882018	-1.13356	0.8201152	1.538603	1.85657	0.144003	1.84974	2.07211	1.12402	1
cg19367025	CRTC2		0.199349	0.30761	0.796828	-1.25498	0.0947982	1.62712	1.62712	0.0163944	2.20667	2.20667	0.76334	1.08211	1.08211	0.694998	0.902098	1.10853		0.56175	0.857663	-1.16596	0.938993	0.980199	-1.0202	0.491471	0.832765	-1.20082	0.485345	1.20406	1.20406	1.92855	2.04116	0.823195	1
cg18235460	POLD4;LOC100130987		0.199349	0.803571	0.962776	-1.03866	0.933287	1.01283	1.01283	0.874937	1.02426	1.02426	0.0363206	1.44837	1.44837	0.621628	0.927071	-1.07867		0.0346469	1.45486	1.45486	0.170099	1.24909	1.24909	0.465184	1.11979	1.11979	0.118245	1.29456	1.29456	1.84972	0.678763	0.326181	1
cg23837756	ITGB1;ITGB1		0.199349	0.411932	1.29155	-1.3529	0.167743	0.66792	-1.49733	0.5737728	1.13728	1.13728	0.0388557	0.80005	1.25006	0.0838503	0.8005	1.24953	0.0215096		0.912787	1.11021	1.11021	0.580668	0.8047	-1.24257	0.573108	0.8726	-1.14617	0.7262606	0.8726	-1.14617	1.84968	1.28407	0.694241	1
cg15903624	NPTX2		0.199351	0.0811876	0.178521	-5.60157	0.225429	0.321531	-3.11012	0.792422	0.790518	-1.26499	0.103155	0.204157	-4.89819	0.130014	0.232792	-4.29568		0.119584	0.221959	-4.50534	0.154333	0.256935	-3.89204	0.0383604	0.117806	-8.48852	0.10183	0.202677	-4.93397	1.84971	23.2704	11.1827	1
cg06819963	KIAA1549;KIAA1549		0.199352	0.0739353	0.1615612	-6.19107	0.0570174	0.14575	-6.86175	0.5577253	0.827886	-1.2079	0.464974	0.712732	1.40293	0.0276354	0.4188886	-2.38796		0.7070927	1.1837	1.1837	0.2719845	0.629568	-1.58839	0.0674125	0.3544884	-2.82068	-1.58839	0.0674125	0.3544884	-2.82068	1.84971	1.32062	0.714977	1.84971	1.32062	1.00965	1.44645	1
cg01142676	FYXD2;FYXD2		0.199356	0.0672612	0.217294	-4.60205	0.201281	0.73076	2.73076	0.302694	0.4157102	-2.21385	0.386416	0.516384	-1.93654	0.0458476	0.1817	5.50358		0.97621	0.978048	-1.02244	0.166299	0.33331	-3.00021	0.204408	0.369027	-2.70983	0.124969	0.264859	-3.77821	1.84969	16.2319	7.80043	1
cg24834801	MAGT1		0.199359	0.118477	0.104271	-9.59042	0.7533	1.50462	1.50462	0.853857	1.26966	1.26966	0.324596	1.78856	1.78856	0.580156	2.06629	2.06629		0.0320234	0.0317196	-31.5263	?	?	0.331723	3.70918	3.70918	0.485335	2.51672	2.51672	2.04568	45.9448	16.8445	1
cg23944102	PHF21B;PHF21B		0.199367	0.3768121	0.7955158	-1.25683	0.5063337	0.7775	-1.2857	0.3111001	1.39241	1.39241	0.0837685	1.77549	1.77549	0.2809171	1.88886	1.88886	0.04626	0.5510042	1.1636	1.1636	0.0605795	0.6145	-1.62732	0.341052	1.70146	1.70146	0.277577	1.34641	1.34641	0.338853	0.786369	1.2811	0.84884	0.8883	1
cg24469289	ZNF837;ZNF837		0.199369	0.1959379	-1.04824	0.656623	0.913499	-1.09469	0.0292169	1.68119	1.68119	0.86713	0.951748	-1.0507	0.724026	0.930829	-1.07431		0.70332	0.92555	-1.08044	0.0502078	0.63645	-1.57122	0.341052	0.780242	-1.28165	0.459659	1.16442	1.16442	1.84962	1.19762	0.57555	1
cg24998981	CTDP1;CTDP1		0.199370	0.0303008	0.5606886	1.7841523	0.0261722	0.345117	-2.89766	0.0240866	0.468539	-2.13494	0.0970707	0.650597	1.53712	0.0248335	0.3772	2.65068		0.9572987	1.11021	1.11021	0.580668	0.8047	-1.24257	0.573108	0.8726	-1.14617	0.7262606	0.8726	-1.14617	1.84961	1.28407	0.694241	1
cg17434577	RPTOR;RPTOR		0.199374	0.786004	0.94894	-1.05381	0.344217	0.828917	-1.20639	0.131307	0.730711	-1.36853	0.201823	0.771394	-1.29635	0.0802596	0.688183	-1.4531		0.314229	0.818376	-1.22193	0.684202	0.924269	-1.08194	0.832859	0.960119	-1.04154	0.0107297	0.539308	-1.85423	1.8496	1.08643	0.522124	1
cg15632424	ITIH1		0.199375	0.281089	0.9292462	-1.08604	0.9407395	1.053368	1.053368	0.8242887	0.9509189	-1.05553	0.0496706	0.851376	-1.17466	0.781316	1.280281	0.4602		0.6609213	1.108474	1.108474	0.5399134	1.164859	1.16485	0.284456	1.108336	1.108336	0.959914	0.970079	1				
cg18107671	NFE2L1		0.199377	0.853341	0.8748664	-1.14304	0.0219756	2.25374	2.25374	0.507624	1.2711	1.2711	0.284077	0.715988	-1.39697	0.154345	0.790354	1.26526		0.958804	0.984641	-1.01539	0.943607	0.747402	0.751278	1.331707	0.915149	1.0931	0.576	1.576	1.84959	2.56156	1.23106	1
cg08559364	VGLL4;VGLL4		0.199378	0.593112	0.671472	-1.48927	0.492484	0.592332	-1.68824	0.361166	0.494011	-2.02425	0.845495	1.15786	1.15786	0.333762	0.472855	-2.11481		0.745297	0.782803	-1.27746	0.888357	0.899853	-1.11129	0.0107761	11.0964	11.0964	0.323368	2.15177	2.15177	1.84958	16.5327	7.94544	1
cg04374125	PTCH2		0.199382	0.1083981	-1.39948	0.1999	0.0408643	0.553363	-1.80742	0.2438749	0.8567139	-1.15322	0.464861	0.707113	-1.41409	0.304777	0.578974	1.97874		0.276642	2.06805	-2.06805	0.0481	0.548047	0.548047	0.137848	0.799098	0.799098	0.512216	0.652563	-1.53242	0.84656	2.07094	1.00254	1
	CEP63;ANAPC13;CEP63;ANAPC13;CEP6																																
cg18876730	3;CEP63;ANAPC13		0.199382	0.605111	0.916999	-1.09051	0.219943	0.807133	-1.23895	0.421784	0.872562	-1.14605	0.0325283	0.659889	-1.51541	0.965004	0.992738	1.00732		0.669141	1.47402	1.47402	0.0420193	0.677581	-1.47584	0.209595	0.815059	-1.23296	0.342196	1.17653	1.17653	1.84956	0.808357	0.388492	1
ch.17.828578	LRRC37B		0.199383	0.102103	0.369851	-2.7038	0.121734	0.393533	-2.54108	0.0503177	0.289287	-3.45678	0.0500518	0.288758	-3.4631	0.0547918	0.29792	-3.3566		0.749181	0.83667	-1.19521	0.194267	0.4660663	-2.14563	0.4859	0.674603	-1.48235	0.634996	0.766555	-1.30454	1.84956	9.05295	4.35081	1
cg03641370	MIR548N;PLEKHA3		0.199384	0.659881	0.932928	-1.07189	0.436641	1.13247	1.13247	0.64929	1.07441	1.07441	0.0281451	0.66601	-1.50148	0.0705735	0.711073	-1.40633		0.495558	0.897195	-1.11458	0.258913	0.8313992	-1.2028	0.317167	1.17599	1.17599	0.818459	0.964599	-1.0367	1.84955	0.719914	0.345989	1
cg21277230	C4orf36		0.199388	0.102213	0.3688263	-2.71104	0.1222	1.24375	1.24375	0.3686563	0.81557	-1.22594	0.0176556	0.516992	1.14388	1.9348	0.0977248	2.10259		0.650424	1.09842	1.09842	0.373246	1.154694	1.15469	0.0998555	0.6600194	-1.44887	0.138912	1.3876	1.3876	1.84953	1.288	0.595372	1
cg20331177	KRTAP4-2		0.199388	0.686943	1.10903	1.10903	0.0774572	0.605726	-1.65091	0.2657511	0.743603	-1.3448	0.439254	0.817505	-1.22323	0.869591	1.04286	1.04286		0.517968	1.18224	1.18224	0.0531076	0.5700446	-1.75301	0.0369993	0.538654	-1.85648	0.885571	0.963887	-1.03747	1.84953	1.91115	0.918505	1
cg20159944	PTPN2;PTPN2;PTPN2		0.199391	0.984445	0.993771	-1.00627	0.958016	0.98284	-1.01746	1.014972	1.68635	-1.64059	0.962036	0.984859	-1.01537	0.2502351	1.46981	1.46981		0.5290665	1.22639	1.22639	0.0120449	1.24108	1.24108	0.754084	1.10507	1.10507	0.94052	1.00965	1.44645	1			
cg05397809	URGCP;URGCP;URGCP		0.199392	0.830056	1.14685	1.14685	0.124842	1.88389	1.88389	0.154966	2.63872	2.63872	0.617005	1.37908	1.37908	0.208102	2.15708	2.15708	0.01917	5.21649	0.968069	1.02585	1.02585	0.323447	0.521981	-1.91758	0.852521	-1.23074	0.360847	0.549641	-1.81996	1.84951	11.9037	5.72102	1
cg03805782	HEG1		0.199396	0.963958	0.994013	-1.00602	0.592026	1.07454	1.07454	0.0517001	0.745067	-1.34216	0.663629	1.05988	1.05988	0.926338	0.987786	-1.01237		0.693045	1.05414	1.05414	0.0184846	1.46188	1.46188	0.721385	0.953526	-1.04874	0.485293	1.09882	1.09882	1.84949	0.517367	0.248653	1
cg20910361	RNF150		0.199401	0.967921	1.03155	1.03155	0.4753383	1.03888	1.03888	0.6054273	1.04713	-1.24073	0.912355	1.0429	1.0429	0.5966307	1.04728	1.04728	0.90708	0.6609213	1.108474	1.108474	0.5399134	1.164859	1.16485	0.284456	1.108336	1.108336	0.959914	0.970079	1			
cg03351724	PEF1		0.199403	0.807778	0.961548	-1.03999	0.0994826	1.69675	1.69675	0.200102	2.14225	2.14225	0.588112	0.915798	-1.09194	0.66467	0.932246	-1.07268		0.993097	1.00139	1.00139	0.794907	0.95896	-1.0428	0.831581	0.914315	-1.09371	0.275141	1.20038	1.20038	1.84946	0.757974	0.364298	1
cg17977556	GLCE		0.199403	0.483613	1.23697	1.23697	0.2979021	0.736406	-1.35795	0.2056	0.8056	-1.24119	0.268667	0.716047	-1.39655	0.3300553	1.3383	1.3383		0.813806	0.9837	-1.01639	0.857754	0.8627	1.8627	0.1588	0.557754	1.79321	0.0440793	0.816348	1.22467	1.84945	1.2455	0.603191	1
cg26512469	MCF2L;MCF2L		0.199409	0.310485	3.97994	3.97994	0.118892	9.28023	9.28023	0.605589	1.98502	1.98502	0.827191	0.749934	-1.33345	0.447206	0.360711	2.7723		0.746933	0.653014	-1.53136	0.0227282	0.0276256	-36.1982	0.749381	1.5248	1.5248	0.230824	5.23038	5.23038	1.84943	50.7455	24.3897	1
cg25898516	TBCD		0.199412	0.591366	1.2688	1.2688	0.804184	1.15131	1.11531	0.222671	1.75583	1.75583	0.818061	1.10652	1.10652	0.0209317	0.295045	-3.38932		0.540074	0.761478	-1.31324	0.127411	0.202696	0.306614	1.59196	1.59196	0.559599	1.29586	1.29586	1.84942	5.65253	2.71678	1			
cg15304699	NKX6-2		0.199413	0.64443	1.38568	1.38568	0.4213222	1.24375	1.24375	0.3686563	0.81557	-1.22594	0.0176556	0.516992	1.14388	1.9348	0.0977248	2.10259		0.8028853	0.838334	-1.1311	0.68853	0.816193	1.22545	0.156494	1.08514	1.08514	0.549961	1.21285	1.21285	1.84941	2.5836	2.58417	1
cg23051155	RAGE		0.199413	0.527571	0.729268	-1.37124	0.434021	0.674554	-1.48255	0.175402	0.03558	2.03558	0.0364781	3.31713	3.31713	0.327094	0.607123	-1.64711		0.327738	1.64595	1.64595

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1-vs-1317 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1-vs-1533 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg17075499	ADD2;ADD2;ADD2;ADD2;ADD2	0.199579	0.0775254	1.172738	0.78911	1.272871	2.77675	0.764149	1.30903	1.30903	0.3981827	1.461055	-2.16894	0.0500349	0.135357	-7.38785	0.422703	1.480522	-2.08107	0.105215	0.305108	-4.87549	0.654384	0.668133	-1.49671	0.112687	0.213249	-4.68936	1.84861	23.4486	11.2751	1
cg03774468	ACPL2;ACPL2	0.199581	0.363028	0.845715	-1.18243	0.926625	1.01665	0.1016925	1.75897	0.175897	0.6811229	0.928613	-1.07687	0.2947152	1.21505	1.21505	0.140267	1.32897	0.324827	0.102214	0.101722	1.07722	0.877085	1.02813	0.02813	0.559017	0.8995501	-1.11173	1.8486	0.940711	0.452336	1
cg05620842	RCTD15;RCTD15;RCTD15	0.199584	0.617992	1.43111	1.43111	0.834048	1.16134	1.16134	0.838194	0.86435	-1.15694	0.710239	1.30483	1.30483	0.295607	2.16682	2.16682	0.38394	1.88984	1.88984	0.70992	1.30524	1.30524	0.395579	0.537783	-1.85949	0.00956725	0.0963982	-10.3736	1.84858	14.8818	7.15591	1
cg09970680	TBC0	0.199587	0.343458	1.21064	1.21064	0.262781	1.96091	1.96091	0.74882	0.829458	-1.20561	0.701614	1.25116	1.25116	0.0634774	2.29682	-3.3689	0.188758	1.08585	1.08585	0.0597929	1.44261	1.44261	0.0870427	3.00372	3.003722	0.3049664	1.85578	1.85578	0.84857	9.91829	4.76923	1
cg02598159	HVCN1;HVCN1;HVCN1	0.199588	0.21129	0.586129	-1.70611	0.705125	1.16674	1.16674	0.437603	0.725275	-1.37879	0.50544	2.760246	-1.31536	0.0300031	0.355043	-2.81656	0.88139	0.941232	-1.06244	0.952939	0.976343	-1.02423	0.6137	0.813183	-1.22974	0.0506067	2.46852	2.46852	1.48764	2.31658	1
cg04975342	IL31RA	0.199592	0.402656	0.499726	-2.00211	0.99649	0.996443	-1.00357	0.771557	1.26591	1.26591	0.175356	0.312222	3.201314	0.04233	3.150464	-3.17442	0.943639	0.944343	-1.05894	0.0155571	0.0904431	-11.0567	0.709999	0.738942	-1.35329	0.324145	0.438349	-2.28129	1.84854	19.2659	9.23533	1
cg12484072	THBS1	0.199593	0.43081	1.14175	1.14175	0.512925	1.1156	1.1156	0.737667	1.05698	1.05698	0.0765459	0.722687	-1.38372	0.0590855	0.703727	-1.42101	0.0773159	0.723433	-1.3823	0.862613	1.02819	1.02819	0.622545	1.08523	1.08523	0.404046	1.15115	1.15115	1.84854	0.795661	0.382601	1
cg24296452	C19orf41	0.199597	0.0195907	1.64733	1.64733	0.178152	3.88672	3.88672	0.690869	1.46174	1.46174	0.416692	2.22325	2.22325	0.208725	0.284106	-3.51982	0.516289	1.86801	1.86801	0.40909	0.472613	-2.1159	0.178866	3.88171	3.88171	0.0163635	1.74098	1.74098	1.84854	26.4067	12.698	1
cg04944537	GPR26	0.199596	0.500346	1.29656	1.29656	0.916504	0.966808	-1.03433	0.112786	0.559269	-1.92578	0.771663	0.895412	-1.1168	0.147898	1.36927	1.36927	0.669639	1.17696	1.17696	0.952628	0.366602	-2.72775	0.0719598	0.466462	-2.1438	0.782896	0.900446	-1.11056	1.84853	4.21968	2.02909	1
cg20121427	MADA	0.199599	0.0633974	0.105624	-9.46754	0.883539	0.853993	-1.17097	0.997553	0.996703	-1.00331	0.146703	3.35089	3.35089	0.464653	2.22854	2.22854	0.0456109	0.0847544	-11.7988	0.184585	0.219737	-4.5509	0.740638	1.43002	1.43002	0.897367	0.870264	-1.14908	1.84851	33.9454	16.3233	1
cg01506365	TRIM67	0.199601	0.438842	0.875808	-1.14201	0.709338	1.183504	1.183504	0.482301	0.887055	-1.12733	0.888913	0.883707	-1.13123	0.356688	1.127245	-1.12745	0.426533	1.14598	1.14598	0.870648	1.14511	1.14511	0.987457	0.99737	-1.00264	0.473366	1.13019	1.13019	1.8485	0.824595	0.396023	1
cg18458373	DOCK2	0.199605	0.0158287	0.528077	-1.89366	0.503132	1.15811	1.15811	0.49707	1.1606	1.1606	0.503106	0.863471	-1.15812	0.396375	0.828937	-1.20636	0.677661	1.0945	1.0945	0.121749	1.43672	1.43672	0.653135	1.10266	1.10266	0.933369	0.982099	-1.01823	1.84848	1.36609	0.65692	1
cg23443486	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.199606	0.164222	0.518796	-1.92754	0.208373	1.79756	1.79756	0.337892	1.54777	1.54777	0.216877	0.562987	-1.77624	0.6931	0.839139	-1.1917	0.366225	1.50749	1.50749	0.140289	2.01674	2.01674	0.713543	1.17706	1.17706	0.0801925	0.423922	-2.35892	1.84848	5.72324	2.75217	1
cg18241048	GDI2;GDI2	0.199609	0.0871423	0.433936	-2.30449	0.532546	1.32233	1.32233	0.926979	1.04187	1.04187	0.0256965	0.310033	-3.22546	0.614638	1.25153	1.25153	0.272477	1.65669	1.65669	0.882239	1.06771	1.06771	0.62441	1.24328	1.24328	0.281881	1.6393	1.6393	1.84846	5.71871	2.75002	1
cg27486714	HS3ST1	0.199611	0.0711462	0.555353	-1.80083	0.693813	0.9725	1.027586	0.0975	0.765532	1.30595	0.0190158	0.0910858	2.69108	0.0679966	0.457951	-2.18393	0.164336	2.06466	2.06466	-1.05416	0.0248468	0.082095	-12.181	0.341155	0.309246	-2.92472	0.192783	0.725215	1.63353	0.84845	2.61495	1.23944	1
cg04092762	LBH	0.199615	0.100343	2.1822	2.1822	0.90696	0.950582	-1.05199	0.137755	1.99935	1.99935	0.384688	1.4716	1.4716	0.764892	0.878087	-1.13884	0.0523266	0.384194	-2.60285	0.120605	2.07458	2.07458	0.417944	1.43161	1.43161	0.883231	1.06578	1.06578	1.84843	5.50084	2.64529	1
cg21536453	ZFYVE27;ZFYVE27;ZFYVE27	0.199616	0.883555	0.979736	-1.02803	0.960273	0.990625	-1.00946	0.113491	1.37806	1.37806	0.589621	1.10817	1.10817	0.221094	1.27458	1.27458	0.15004	1.13793	1.13793	0.122143	0.72833	-1.373	0.20413	0.779642	-1.28759	0.163988	0.755688	-1.3233	1.84843	1.0415	0.503947	1
cg06209298	MIR138-1	0.199618	0.746349	0.09957	1.06957	0.943806	0.817888	-1.22264	0.115291	0.756532	-1.95961	0.189173	1.33376	1.33376	0.561562	0.895176	-1.1171	0.695686	0.921833	-1.0848	0.0216163	1.77024	1.77024	0.638983	0.906801	-1.10238	0.644207	0.907773	-1.1016	1.84842	1.25102	0.60353	1
cg02139485	LGMN;LGMN	0.199623	0.865896	1.08031	1.08031	0.0704048	0.39685	-2.51984	0.332125	0.633016	-1.57974	0.0810162	2.42088	2.42088	0.972995	1.01559	1.01559	0.0703095	0.396697	-2.52082	0.157356	0.50105	-1.99581	0.936202	0.964075	-1.03726	0.860907	0.922976	-1.08345	1.84839	6.11419	2.9403	1
cg27121870	B3GALT1;B3GAT1	0.199629	0.754105	0.887936	-1.12651	0.624552	2.96084	-1.18178	0.234002	0.60897	-1.64212	0.471383	0.70824	0.70824	0.0887	1.41153	1.41153	0.134637	1.84321	1.84321	0.0270118	2.69132	2.69132	0.310116	1.94807	1.94807	0.0641077	0.836946	1.19482	1.84837	4.20756	2.02334	1
cg23003890	RS2	0.199633	0.0169418	0.493141	-2.02779	0.796392	1.06477	1.06477	0.9308	0.979139	-1.0213	0.138801	0.679255	-1.4722	0.416068	0.817296	-1.22355	0.671564	0.901659	-1.10907	0.0676349	0.6084	-1.64365	0.805994	0.942023	-1.06155	0.113077	0.657978	-1.51981	1.84835	1.72464	0.829399	1
cg10112407	AGAP1;AGAP1	0.199634	0.327751	1.2574	1.2574	0.518811	1.21398	1.21398	0.0766	0.824353	1.21398	0.0766	0.824353	1.0649	0.1649	0.939532	1.06426	0.0753132	0.976328	-1.02452	0.0507588	0.0488125	-15.9971	0.743291	0.561376	1.36174	0.282279	1.49024	1.49024	1.84834	1.49024	0.806378	1
cg16582660	NEDD9	0.199634	0.992421	1.097455	-1.00255	0.382309	0.786354	-1.27169	0.917082	0.972451	-1.02833	0.748625	1.09008	1.09008	0.00660506	0.388304	2.5753	0.811483	1.0662	1.0662	0.371685	1.27896	1.27896	0.654755	0.886266	-1.12833	0.431894	0.8064	1.24008	1.84834	2.10653	1.01306	1
cg05148463	FAM189A	0.199635	0.17358	0.352246	-2.83893	0.187917	0.365819	-2.73559	0.88033	0.114668	1.31048	0.114668	0.707449	-1.38991	0.546002	0.207762	-4.83119	0.142514	3.21084	3.21084	0.0660727	0.217809	-4.59117	0.040185	2	0.181128	-5.52097	0.341219	0.49322	-2.02749	1.84834	15.2037	7.33168	1
cg10357416	LAPTM4B	0.199645	0.247248	0.53312	1.87598	0.273386	0.582314	1.71728	0.138194	0.55044	1.81636	0.138194	0.55044	1.81636	0.138194	0.55044	-1.81636	0.206853	1.98286	1.98286	0.0417406	0.0376222	0.038412	-26.0372	0.0247156	0.0247156	0.0693193	0.381417	2.6218	1.84829	6.54781	3.51824	1
cg17391926	GMPR2;GMPR2;GMPR2;NEDD8;GMPR2	0.199651	0.322396	0.691893	-1.44531	0.666735	1.16895	1.16895	0.826618	1.08225	1.08225	0.820417	1.08538	1.08538	0.489937	0.776698	-1.2875	0.411523	1.35333	1.35333	0.00722219	3.48739	3.48739	0.800096	1.09574	1.09574	0.462523	1.30928	1.30928	1.84826	3.80056	1.82781	1
cg13810727	RBM33	0.199653	0.0691242	0.55536	-1.80063	0.346583	0.755554	-1.32353	0.431437	1.26139	1.26139	0.342232	1.3271	1.3271	0.51617	1.19861	1.19861	0.250381	1.41532	1.41532	0.119158	0.613187	-1.63082	0.104534	0.598622	-1.6705	0.745052	0.909957	-1.09895	1.84825	2.44813	1.17739	1
cg16090764	SMYD1	0.199654	0.363179	0.833784	-1.19935	0.199005	0.767982	-1.30211	0.25025	0.791598	-1.26327	0.204507	0.770717	-1.29749	0.0773886	0.68258	-1.46503	0.46853	0.866358	-1.15426	0.304615	0.81319	-1.22973	0.441627	0.859458	-1.16488	0.00926401	0.526072	-1.90088	1.84824	1.10751	0.532642	1
cg05602212	ZFYVE16;ZFYVE16	0.199655	0.8244777	0.976882	-1.02378	0.268861	0.97615	1.02427	-1.02427	0.0107	0.0107	0.0107	0.0107	1.29481	0.827232	1.29481	-1.29481	0.134402	0.900441	1.11076	0.146319	0.846839	-1.17836	0.162862	1.16075	1.16075	0.151647	1.17549	1.17549	1.84824	0.324267	0.155952	1
cg18935660	MAP6;MAP6	0.199668	0.837737	1.02969	1.02969	0.251471	1.1864	1.1864	0.0366571	1.41394	1.41394	0.140425	1.25389	1.25389	0.0734729	1.32938	1.32938	0.54902	1.09035	1.09035	0.213634	0.882591	-1.20541	0.282913	1.17254	1.17254	0.807909	0.965847	-1.03536	1.84818	0.595761	0.286534	1
cg23485807	SLC2A17	0.199671	0.0278355	1.02441	1.02441	0.0499191	0.964961	1.03725	0.782838	0.937	1.06735	0.782838	0.937	1.06441	0.0523155	0.718775	-1.39126	0.0172584	1.05268	1.05268	0.908849	0.732188	0.82762	-1.20828	0.0978954	0.0978954	1.08957	0.744455	0.744455	1.84817	0.743156	0.403556	1
cg21907877	DHDDS;DHDDS	0.199674	?	?	?	0.0546371	0.03192	0.03392	0.458545	2.03244	2.03244	?	?	?	?	0.390601	2.28736	2.28736	0.263721	1.33301	-3.00029	0.961463	0.955733	-1.04632	0.325965	2.59874	2.59874	0.0562998	7.8875	7.8875	1.94634	20.6092	10.5887	1
cg18976542	SOS2	0.199675	0.573045	0.803427	-1.24507	0.425155	0.731239	-1.36754	0.930419	1.03414	1.03414	0.66582	1.18176	1.18176	0.0963758	0.496357	-2.01468	0.891144	1.04504	1.05404	0.225927	0.613407	-1.63024	0.0218176	2.88027	2.88027	0.476585	0.757163	-1.32072	1.84814	4.32375	2.07956	1
cg18280057	MTSS1	0.199677	0.31875	1.30134	1.30134	0.502817	0.935112	1.07178	0.0223188	0.85571	2.95571	0.0806059	2.15115	2.15115	0.0418629	1.38639	1.38639	0.301436	1.12404	1.12404	0.647168	1.15982	1.15982	1.281636	1.5563	1.5563	0.0360457	2.60602	2.60602	1.84813	4.57894	2.19986	1
cg17439158	SHROOM3	0.199679	0.309743	0.815044	-1.22693	0.258937	0.795575	-1.25695	0.0654673	0.668797	-1.49522	0.138843	0.733459	-1.3634	0.195594	0.766204	-1.30514	0.608342	0.904328	-1.10579	0.0906098	1.43728	1.43728	0.207664	0.772208	-1.29499	0.279075	0.803355	-1.24478	1.84812	1.10803	0.532628	1
cg20936645	NAB2	0.199682	0.7837094	1.0275	1.0275	0.93014	0.982359	-1.01756	0.466597	1.16097	1.16097	0.513875	1.12925	1.12925	0.265883	0.790304	-1.26533	0.0244337	1.08227	1.08227	0.123645	0.0887183	0.081905	-12.2353	0.461487	0.461487	1.16444	0.859151	0.859151	1.84811	1.206	0.580053	1
cg07694754	TCEB3C;TCEB3C;KATNAL2	0.199685	0.156256	0.524501	-1.90657	0.217653	0.57908	-1.73639	0.0588136	0.403307	-2.4795	0.218983	0.57602	-1.73334	0.41312	0.700473	-1.42761	0.220536	0.578097	-1.72981	0.0401952	0.3964435	-2.729	0.176558	0.487102	1.20547	1.01247	1.0045896	0.374855	-2.6677	1.8481	1.29864	2.54852	1
cg21205776	COL11A2;COL11A2;COL11A2	0.199689	0.145623	0.519805	-1.9238	0.25313	0.606637	-1.64843	0.316264	0.647982	-1.54325	0.0110946	0.26353	-3.79464	0.200755	0.567852	-1.76102	0.0981419	0.467795	-2.13769	0.866288	0.931861	-1.07312	0.514794	0.758347	-1.31866	0.198578	0.566119	-1.76641	1.84808	5.13297	2.46886	1
cg18887562	GHITM;GHITM	0.199689	0.0475629	0.7237	-1.38189	0.172157	0.425503	-2.35011	0.0625185	0.0625185	0.0625185	0.0625185	0.0625185	1.34491	0.0625185	0.0625185	-1.34491	0.0678095	0.670913	-1.49051	0.0625185	0.0625185	0.0625185	0.0625185	0.0625185	0.0625185	0.0625185	0.0625185	0.0625185	1.84808	0.406071	0.153074	-6.54398	0.0625185	0.0625185	1.84808	0.406071	0.153074	1
cg20051033	CPNE9	0.199692	0.113389	0.763162	-1.31094	0.624384	0.805	-1.0805	0.916481	0.794838	-1.25812	0.727728	1.05637	1.05637	0.27375	0.946638	-1.05637	0.0573135	0.709158	-1.41012	0.101432	0.754758	-1.32493	0.0815228	0.738669	-1.35379	0.577163	0.09239	1.09239	1.84806	0.720435	0.346518	1
cg27574256	ZFYVE9;ZFYVE9;ZFYVE9	0.199695	0.178088	0.559153	-1.78798	0.2739	0.44707	-2.25741	0.0958493	0.0958493	0.0958493	0.0958493	0.0958493	1.39442	0.0958493	0.0958493	-1.39442	0.0958493	0.717348	-1.39442	0.0958493	0.0958493	0.0958493	0.0958493	0.0958493	0.0958493	0.0958493	0.0958493	0.0958493	1.84803	0.733484	0.367258	-2.72245	0.0958493	0.0958493	1.84803	0.733484	0.367258	1
cg06121226	SLC4A4;SLC4A4	0.199696	0.0439297	0.355557	-2.81249	0.943745	0.968975	-1.03202	0.746574	0.865187	-1.15582	0.178689	0.528311	-1.89282	0.118673	0.46933	-2.1307	0.686484	0.834254	-1.19868	0.966847	1.01874	1.01874	0.546322	0.761351	-1.31346	0.0174715	0.274718	-3.6401	1.84804	5.83771	2.80788	1
cg10967431	EIF4E;EIF4E;EIF4E	0.199696	0.902988	1.04616	1.04616	0.337328	1.14205	1.14205	0.561237	1.68191	1.68191	0.467049	0.760425	-1.31502	0.523836	1.27081	1.27081	0.846463	1.07531	1.07531	0.0980557	0.991325	-1.00855	0.954552	0.992876	1.00736	0.984304	0.99173	-1.0086	1.84804	4.00945	1.92802	1
cg12438413	RARA;RARA;RARA;RARA	0.199702	0.113235	0.192695	-5.18956	0.197801	1.03187	1.03187	0.0092564	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	0.842029	-1.18765	0.0877307	1
cg25291551	MDK;MDK;MDK;MDK	0.199706	0.110223	0.333729	-2.99645	0.227981	0.450332	-2.22059	0.521088	0.663626	-1.50687	0.461251	0.623208	-1.6046	0.387774	0.572314	-1.74729	0.109108	0.308665	0.30865	0.106192	0.328798	-3.04138	0.219075	0.44271	-2.25881	0.0755133	0.287265	-3.48111	1.84799	11.6324	5.5952	1
cg14080105	RIOK2;RIOK2;RIOK2;RIOK2	0.199706	0.0272807	0.962864	1.03842	0.268861	0.97615	1.02427	-1.02427	0.0107	0.0107	0.0107	0.0107	1.29481	0.827232	1.29481	-1.29481	0.134402	0.900441	1.11076	0.146319	0.846839	-1.17836	0.162862	1.16075	1.16075	0.151647	1.17549	1.17549	1.84824	0.324267	0.155952	1
cg18715511	RAD52	0.199711	0.0963872	0.791191	-1.26392	0.390833	0.11944	1.11941	0.305176	1.14594	1.14594	0.531293	0.921862	-1.08476	0.858333	1.02319	1.02319	0.677133	1.05519	1.05519	0.472046	0.910418	-1.0984	0.0195579	1.43619	1.43619	0.905404	1.01537	1.01537	1.84797	0.481767	0.231733	1
cg07179508	EIF4E1B	0.199713	0.268615	0.707193	-2.3551	0.100603	0.471694	-2.11944	0.0222988	0.702756	-1.42307	0.0900657	0.88102	-1.0019	0.347764	0.854743	-1.16994	0.0297116	0.731557	1.03161	0.946207	0.972316	1.02841	0.144772	-7.00416	0.0979606	0.208953	-4.78576	0.995001	0.47213	-2.11806	0.748795	21.7609	10.4716	1
cg04152285	TRIM31	0.199717	0.0557184	0.103064	-9.70272	0.436052	0.477681	-2.09345	0.0879284	0.173599	-5.76055	0.335175	0.596903	-2.51551	0.0183997	0.0699988	-14.286	0.256795	0.332719	-3.00554	0.752576	0.745244	-1.34184	0.559737	0.57979	-1.7304	0.346494	0.406015	-2.46264	1.84794	25.3008	12.1701	1
cg20552901	DAXX;DAXX;DAXX;DAXX	0.199717	0.0544749	0.545141	-1.80329	0.0705309	0.579151	-1.72667	0.783712	1.07719	1.07719	0.920799	1.02724	1.02724	0.116905	0.631087	-1.58457	0.612098	0.870494	-1.14909	0.0499892	-2.00043	0.669558	0.800466	-1.12301	0.650265	0.883956	-1.13128	1.84794	2.13734	1.02809	1
cg15488153	TCF15;TCF19	0.199721	0.626397	1.14222	1.14222	0.78798	0.727836	-1.37426	0.50923	0.960557	1.08102	0.6019	0.347764	0.854743	1.16994	0.347764	2.87433	0.251734	1.21404	1.21404	0.0274746	1.6126	1.6126	0.964539	0.992808	-1.00724	0.622126	1.08423	1.08423	1.84793	0.371475	0.201107	1
cg27230711	PPIC;LPPIC1	0.199723	0.470722	0.869793	-1.1497	0.562201	0.894576	-1.11785	0.449711	1.1577	1.1577	0.30228	0.826121	-1.21048	0.7058	1.07476	1.07476	0.0236262	0.598243	-1.67156	0.842492	1.03855	1.03855	0.129754	1.36502	1.36502	0.249227	2.25729	1.25729	1.84788	1.05778	0.508828	1
cg27473249	MARCKS	0.199724	0.614424	0.879207	-1.13739	0.0657879	1.68698	1.68698	0.0183227	1.83741	1.83741	0.552866	0.872224	-1.14649	0.0815372	1.61903	1.61903	0.0767895	0.919003	-1.08814	0.597525	1.14449	1.14449	0.641955	0.888515	-1.12593	0.255261	1.35101	1.35101	1.84785	1.87772	0.902256	1
cg03864479	UFR;LFR	0.199737	0.0693535	0.322022	-3.10538	0.103831	0.370835	-2.69662	0.482946	0.671871	-1.48838	0.713333	1.22851	1.22851	0.622278	0.310125	3.2245	0.77125	0.849933	-1.17656	0.58427	1.36095	1.36095	0.177194	2.22544	2.22544	0.334677	0.575374	-1.738	1.84784	2.10388	4.37934	1
cg08888491	ZCCHC3	0.199738	0.660791	1.08655	1.08655	0.562055	1.11649	1.11649	0.0562619	1.50134	1.50134	0.0957404	0.708962	-1.41051	0.961991	1.009	1.009	0.246891	1.25558	1.25558	0.101474	0.713867	-1.40082	0.39299	0.848328	-1.17879	0.817803	1.04433	1.04433	1.84784	1.03409	0.49744	1
cg04420912	RPS6KB2	0.199738	0.0388003	1.14616	1.14616	0.337328	1.14205	1.14205	0.561237	1.68191	1.68191	0.467049	0.760425	-1.31502	0.523836	1.27081	1.27081	0.846463	1.07531	1.07531	0.0980557	0.991325	-1.00855	0.954552	0.992876	1.00736	0.984304	0.99173	-1.0086	1.84804	4.00945	1.92802	1
cg07778819	CRHR1;CRHR1;CRHR1;CRHR1	0.199739	0.1606	0.400125	-2.49922	0.144964	0.25296	-2.25296	0.0955429	0.258603	2.58603	0.599025	0.759337	-1.31694	0.0803442	0.365481	-2.73612	0.769178	1.16496	1.16496	0.370674	0.620649	-1.61122	0.522721	0.71453	-1.39952	0.473931	0.983481	-1.0168	1.84783	1.87952	3.7904	1
cg20003805	YTHDF2	0.199741	0.314864	1.2401	1.2401	0.59132	0.877615	1.13955	0.0444198	0.844539	1.18434	0.0444198	0.844539	1.18434	0.0444198	0.844539	-1.18434	0.169018	0.971541	1.02961	0.916507	0.939588	-1.06439	0.405581	0.739965	-1.35164	0.0148833	0.539378	-1.85383	1.84783	0.550178	0.298332	1
cg14151426	CUL4A;PCID2;PCID2;PCID2;CUL4A	0.199743	0.76414	0.945441	-1.05771	0.607848	1.10131	1.10131	0.349895	0.835772	-1.1965	0.965136	0.991884	-1.00818	0.760337	1.0587	1.0587	0.323792	1.20924	1.20924	0.0268861	0.618067	-1.61795	0.246866	1.25327	1.25327	0.0867823	1.42285	1.42285	1.84782	1.07127	0.489357	1
cg05550449	MSL2;MSL2 RAI14;RAI14;RAI14;RAI14;RAI14	0.199744	0.2855	1.23838	1.23838	0.885422	1.02818	1.02818	0.7858	1.05391	1.05391	0.710549	1.07449	1.07449	0.236301	0.782726	-1.2702	0.924233	1.0185	1.0185	0.0287454	0.608255	-1.64405	0.508984	0.878864	-1.13783	0.0462564	0.643977	-1.55285	1.84781	1.08713	0.522964	1
cg17408972	RAI14	0.199749	0.266362	0.613488	-1.63002	0.197402	0.562778	-1.7769	0.569759	0.784773	-1.27425	0.589764	1.25816	1.25816	0.117733	0.48834	-2.04775	0.169119	0.538988	-1.85533	0.287725	0.627704	-1.59311	0.0306401	0.342512	-2.91961	0.274756	1.65114	1.65154	1.84778	5.209	2.50582	1
cg09676796	ZNF385A;ZNF385A;ZNF

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. 047 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1217 vs. 1127 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg25454110	SNX8		0.195982	1.082343	0.499998	1.024101	0.315509	-1.16949	0.602368	1.29322	0.29322	0.650152	1.25027	1.25027	0.332245	1.613042	1.613121		0.385126	0.646892	-1.54585	1.100312	0.414487	-1.41262	0.0409506	0.31476	-1.17703	0.833719	1.10831	1.10831	1.8469	6.99975	3.36888	1
cg02697246	RNFT2;RNFT2		0.199934	1.56028	1.17539	1.039715	0.520718	-1.92042	0.848304	1.05395	1.05395	0.0611537	1.78418	1.78418	0.60771	1.15267	1.15267		0.913486	1.03027	1.03027	0.164444	0.904756	-1.10257	0.127227	0.635993	-1.57234	0.455474	0.811738	-1.23192	1.84689	2.202332	1.05995	1
cg13573115	GLI3		0.199935	0.345482	0.672613	-1.48674	0.208202	0.583818	-1.71875	0.04780133	0.397054	-2.51855	0.448766	1.37037	1.37037	0.0147336	0.366153	-2.7311		0.755801	0.880436	-1.1358	0.823048	0.912632	-1.09573	0.473021	0.742373	-1.34703	0.07604337	0.446722	-2.23853	1.84689	4.87334	2.34549	1
cg26361052	C2orf42		0.199937	0.976365	0.984416	-1.01581	0.242587	0.522801	-1.91134	0.0602599	0.525127	-3.07572	0.213035	2.00431	2.00431	0.195048	0.483513	-2.0682		1.178556	0.428636	-2.33278	0.674099	1.25138	1.25138	0.0946686	0.67795	-1.47393	0.133393	1.84688	8.22237	3.95737	1
cg02528319	SDCCAG8;AKT3		0.199938	0.122599	0.377711	-2.64753	0.0165859	0.182165	-5.48952	0.145528	0.402723	-2.48309	0.860389	0.866443	-1.15388	0.993834	0.449309	-2.22564		0.307537	0.540803	-1.8491	0.087063	0.333004	-3.00297	0.196032	0.45128	-2.21592	0.918461	0.942149	-1.06144	0.98687	0.906618	4.76779	1
cg14728310	ZNF846;ZNF846		0.199939	0.97851	0.997239	-1.00273	0.345009	1.10342	1.10342	0.211916	1.14231	1.14231	0.39908	1.09128	1.09128	0.133145	0.848798	-1.17814		0.456756	1.0797	1.0797	0.0266919	0.767113	-1.30359	0.619386	1.05193	1.05193	0.573385	0.943768	-1.05958	1.84687	0.290459	0.144128	1
cg23507031	C11orf63;C11orf63		0.199945	0.453702	0.814366	-1.22795	0.921026	0.973673	-1.02704	0.0507763	0.549497	-1.81985	0.188965	0.687686	-1.45415	0.373846	0.782237	-1.27818		0.0628129	0.56939	-1.75627	0.159557	1.49838	1.49838	0.424211	1.24555	1.24555	0.78328	0.928506	-1.077	1.84684	2.1172	1.01902	1
cg23679982	SMYD4		0.199945	0.22002	0.659137	-1.51714	0.553831	1.24579	1.21479	0.832721	1.02754	1.07254	0.321509	0.71807	-1.39262	0.0432556	0.491763	-2.0335		0.102159	0.560954	-1.7826	0.343842	0.72956	-1.3705	0.103786	1.77844	1.77844	0.0999662	0.999863	-1.00014	1.84684	3.05578	1.47076	1
cg02543879	VPS36		0.199947	0.112868	0.782088	-1.27863	0.649153	0.590216	1.09016	0.354765	0.914521	-1.14521	0.276695	0.855137	-1.17485	0.383234	1.13582	1.13582		0.327515	0.865924	-1.15484	0.0424327	0.716879	-1.39494	0.277906	1.17434	1.17434	0.443725	0.894744	-1.11764	1.84683	0.593346	0.285581	1
cg21545772	TDRD5;TDRD5		0.199949	0.0559608	48.9897	48.9897	0.0882891	29.3837	29.3837	0.216765	10.3406	10.3406	0.522871	3.20245	3.20245	0.164951	14.3328	14.3328		0.785025	1.63469	1.63469	0.980681	0.957411	-1.04448	0.029927	98.6076	98.6076	0.116984	21.346	21.346	1.84682	94.4961	45.4817	1
cg25441629	UAS;UAS		0.199951	0.116963	1.57889	1.57889	0.0424005	0.583383	1.71425	0.0219605	0.973289	-1.02744	0.0752317	0.73335	1.36387	0.0144255	0.91405	-1.09373		0.571252	0.857745	1.16645	0.877081	1.04236	-1.04238	0.466077	1.22331	1.22331	0.846822	2.10362	2.10362	1.84682	2.10149	1.02249	1
cg21946961	NCAM1;NCAM1		0.19995	0.199138	0.32553	3.20553	0.406827	2.07207	2.07207	0.560441	1.65772	1.65772	0.181389	3.38103	3.38103	0.473834	1.86913	1.86913		0.330706	2.36729	2.36729	0.0415979	7.51642	7.51642	0.0305464	8.86511	8.86511	0.0471322	7.03212	7.03212	1.84681	21.5619	10.378	1
cg18878901	GLI1;GLI1;GLI1;GLI1		0.199952	0.0318338	0.750082	-1.32436	0.526801	0.91009	-1.07422	0.827909	1.02461	-1.02461	0.786781	0.970178	-1.03074	0.0864483	1.23532	1.23532		0.267115	0.877487	-1.13962	0.480144	0.922978	-1.08345	0.840269	0.977717	-1.02279	0.91548	1.16699	1.16699	1.84681	0.364727	0.175547	1
cg23352481	LSAMP		0.199952	0.412211	0.687002	-1.4556	0.0221745	0.292907	-3.41405	0.160933	0.511447	-1.95524	0.515097	1.34387	1.34387	0.417533	0.6900363	-1.44914		0.267219	0.595975	-1.67792	0.159541	0.510149	-1.96021	0.125141	0.47556	-2.10278	0.49291	1.3659	1.3659	1.8468	5.86443	2.82262	1
cg21991859	NPAS3;NPAS3;NPAS3		0.199958	0.696881	0.893491	-1.11921	0.363161	1.30988	1.30988	0.772083	0.919841	-1.08734	0.641692	0.837173	-1.1945	0.757823	0.914865	-1.09306		0.0799851	0.571853	-1.7487	0.338497	1.32823	1.32823	0.676827	1.76119	1.76119	0.0686298	1.79745	1.79745	1.84678	2.42082	1.16519	1
cg23802720	C12orf44;C12orf44		0.199961	0.0364757	0.74176	1.74176	0.972192	1.00789	1.00789	0.426114	0.633664	-1.26997	0.0463115	0.57258	1.74598	0.0125178	0.765394	1.06344		0.390325	1.2939	1.2939	0.987802	0.996561	-1.00345	0.641441	0.899711	-1.11147	0.219325	0.747456	-1.33787	1.84679	0.209459	0.144128	1
cg00753089	SIDT2 RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1		0.199961	0.400739	1.29446	1.29446	0.350227	1.33445	1.33445	0.068679	1.84309	1.84309	0.699851	1.12326	1.12326	0.465152	1.24988	1.24988		0.468081	1.24799	1.24799	0.798342	0.926054	-1.07985	0.00864293	2.73067	2.73067	0.300057	1.38022	1.38022	1.84676	2.63344	1.26753	1
cg02657244	GDS1;RAP1GDS1;RAP1GDS1		0.199965	0.285983	0.852329	-1.17326	0.529862	1.09611	1.09611	0.276575	1.17721	1.17721	0.43822	1.12077	1.12077	0.242682	1.1928	1.1928		0.130896	1.26516	1.26516	0.0765379	0.752701	-1.32855	0.801654	1.03696	1.03696	0.0889377	1.31066	1.31066	1.84674	0.608142	0.292716	1
cg19350020	PHLDB1;PHLDB1;PHLDB1		0.19997	0.296288	1.96717	1.96717	0.18242	0.413085	-2.42081	0.677879	0.770307	-1.29818	0.0815696	3.3402	3.3402	0.183293	2.41603	2.41603		0.478255	0.637354	-1.56899	0.128827	0.358629	-2.7884	0.252792	0.474127	-2.10914	0.558499	1.44725	1.44725	1.84672	11.4168	5.49528	1
cg15266021	BACE2;PLAC4;BACE2;BACE2		0.199971	0.0879933	0.351645	-2.84578	0.645165	0.653471	-1.53029	0.895084	1.07599	-1.07599	0.248843	0.501278	-1.99522	0.0264552	0.293083	-4.30881		0.105993	0.375298	-2.66455	0.0938836	0.359684	-2.78022	0.107603	0.377292	-2.65047	0.554053	0.717318	-1.39408	1.84672	0.01184	4.33771	1
cg05905531	MYO1F		0.199973	0.240199	1.27115	1.27115	0.407186	0.847536	-1.17989	0.0358805	0.61009	-1.61009	0.385617	1.1895	1.1895	0.874867	0.969721	-1.03122		0.313303	0.815893	-1.22565	0.854378	1.0365	1.0365	0.0638459	1.50145	1.50145	0.225692	1.28176	1.28176	1.8467	1.11331	0.535879	1
cg17901582	MINK1;MINK1;MINK1;MINK1		0.199976	0.170494	0.82912	-1.15967	0.826934	0.972628	-1.02757	0.664564	0.871083	-1.148	0.0975412	0.557466	-1.79386	0.0116502	0.552262	-1.81042		0.704757	0.711602	-1.40532	0.158217	0.850523	-1.17575	0.0618009	0.855468	-1.16895	0.113034	0.580531	-1.72256	1.84669	0.3774	0.145449	1
cg13774369	TMEM33;TMEM33		0.199977	0.654067	-1.928272	-1.07727	0.128979	1.3109	1.3109	0.355711	1.16972	1.16972	0.151552	0.776041	-1.28859	0.583916	1.09556	1.09556		0.0526415	1.695213	1.43841	0.208423	0.803456	-1.24462	0.926948	0.984982	-1.01525	0.314945	1.18705	1.18705	1.84669	0.796374	0.383329	1
cg06379640	CKorf64		0.199979	0.278277	1.33178	1.33178	0.696153	1.10488	1.10488	0.366939	1.26561	1.26561	0.178874	1.43753	1.43753	0.0705546	0.598332	-1.67131		0.654565	1.74061	1.74061	0.682698	1.31011	1.31011	0.265051	1.34339	1.34339	0.429451	0.81466	-1.22751	1.84668	1.88804	0.909282	1
cg08832936	KCNMA2		0.199982	0.14658	2.34958	2.34958	0.71343	0.815745	-1.22337	0.429443	0.54404	-1.83804	0.0744762	1.36328	1.36328	0.0805962	0.477937	-2.0918		0.29308	1.50686	1.50686	0.0744762	1.24092	1.24092	0.0477247	1.47243	1.47243	0.0266602	1.87463	1.87463	1.84666	8.37921	4.20565	1
cg22891060	ZNF815		0.199986	0.248377	1.4379	1.4379	0.093874	1.741	1.741	0.294366	0.720833	-1.38728	0.630612	0.864306	-1.157	0.0698635	0.543288	-1.84064		0.697464	1.12477	1.12477	0.304173	1.37753	1.37753	0.230058	1.46084	1.46084	0.252008	1.43356	1.43356	1.84664	2.64946	1.27533	1
cg10744777	MYL6;MYL6		0.19999	1.78473	1	1	0.132641	1.518296	1.51296	0.333866	1.88503	1.88503	0.941528	2.002458	2.002458	0.240373	2.48214	2.48214	0.102958	1.78082	1.78082	0.460201	1.90988	1.90988	0.160705	1.69428	1.69428	0.0494726	1.84667	1.84667	2.6189	1.62073	1
cg20697681	GPS		0.199995	0.62222	0.631485	-1.58357	0.437839	0.480695	-2.08032	0.374332	0.429771	-2.32574	0.679944	1.46809	1.46809	0.571787	0.589273	1.69701		0.00699898	0.1095976	-25.2541	0.375251	0.430706	-2.32177	0.615846	0.626095	-1.5972	0.109485	0.132289	1.8466	25.0561	12.0612	1
cg12278697	POR;SNORA14A		0.199998	0.598556	0.844503	-1.18413	0.629661	0.856905	-1.16699	0.581658	1.19366	1.19366	0.787986	1.08953	1.08953	0.0124682	0.371942	-2.68859		0.315361	1.39133	1.39133	0.146681	1.64139	1.64139	0.996065	1.00157	1.00157	0.952403	1.01917	1.01917	1.84658	2.95962	1.42467	1
cg11431152	ERI3		0.200001	0.0879933	0.351645	-2.84578	0.645165	0.653471	-1.53029	0.895084	1.07599	-1.07599	0.248843	0.501278	-1.99522	0.0264552	0.293083	-4.30881		0.325842	0.735003	-1.3888	0.0938227	1.02371	1.02371	0.932084	1.17762	1.17762	0.21246	1.48731	1.48731	1.84657	0.27261	0.12838	1
cg16942681	RICH3		0.200006	0.0568239	0.19727	-5.06918	0.274173	0.424518	-2.35561	0.488349	0.589358	-1.69676	0.424789	0.541308	-1.84738	0.0734793	0.441212	-2.26648		0.0481286	0.18253	-5.47857	0.0181916	0.115426	-8.66356	0.634558	0.697281	-1.43414	0.524299	0.615115	-1.62562	1.84654	16.5823	7.98241	1
cg02313772	SNX7;SNX7		0.200009	0.120404	0.52512	-1.90482	0.0826934	0.298528	-3.35028	0.0972758	0.487083	-2.0535	0.0997442	0.54932	-1.82048	0.0274402	0.361262	-2.76911		0.708244	1.0161	1.0161	0.944798	1.05816	1.05816	0.641471	1.15858	1.15858	0.0442482	1.19061	1.19061	1.84652	1.11331	0.535879	1
cg10675666	TRIM4;TRIM4		0.200009	0.623493	0.610263	-1.63864	0.190131	0.250318	-3.99492	0.354564	0.386492	-2.58737	0.535222	0.534319	-1.87154	0.642304	0.626949	-1.59503		0.509831	0.513073	-1.94904	0.0202816	16.3352	16.3352	0.20007	1.258956	-3.86165	0.278987	0.325138	-3.07562	1.84653	29.1363	14.0257	1
cg10489353	GATAD2B		0.200012	0.984951	0.990666	-1.00395	0.549061	0.880587	-1.11509	0.998588	0.99963	-1.00037	0.0304012	1.70466	1.70466	0.0916703	1.47425	1.47425		0.975395	0.993575	-1.00647	0.214996	0.761245	-1.31364	0.35738	0.820509	-1.21876	0.236572	1.29589	1.29589	1.84651	1.2775	0.614971	1
cg01429335	GPC6		0.200013	0.129641	0.41464	-2.41211	0.0266766	0.240256	-4.16056	0.0478358	0.67954	-1.4295	0.0478358	0.67954	1.4295	0.0478358	0.451977	-2.21272		0.803979	0.707558	-1.41324	0.0479357	0.883774	-2.59219	0.0136326	0.393818	-2.53925	0.0465151	0.80859	-1.23701	1.84652	0.18659	0.08591	1
cg13355041	FLJ35776;OLGAP1;OLGAP1		0.20002	0.118901	0.533765	-1.87349	0.0481117	0.432625	-2.31147	0.0287585	0.384174	-2.60299	0.779075	0.900944	-1.10995	0.40666	0.729893	-1.37006		0.139171	0.554628	-1.80301	0.175518	0.586069	-1.70628	0.103708	0.51686	-1.93476	0.536651	0.792888	-1.26121	1.84648	4.02333	1.93682	1
cg23407791	TFCP2L1		0.200018	0.1308	1.58432	1.58432	0.4124	0.9956	1.9956	0.0788	1.088	1.088	0.763528	0.910664	-1.09834	0.494305	1.23084	1.23084		0.119664	1.62752	1.62752	0.132585	1.64897	1.64897	0.0744202	1.48655	1.48655	0.0268568	1.87612	1.87612	1.84648	2.6189	1.62073	1
cg27352712	FAM35B		0.200021	0.687345	0.933447	-1.0713	0.0551062	1.44801	1.44801	0.359837	1.17381	1.17381	0.168545	0.778992	-1.28371	0.0790601	1.39365	1.39365		0.794417	0.9652	-1.04546	0.215234	1.24864	1.24864	0.435047	0.873214	-1.14519	0.552787	0.902831	1.10763	1.84647	0.847414	0.407944	1
cg22208536	SNX25		0.200023	0.0600568	0.389521	-2.56726	0.674657	0.828905	-1.20641	0.590841	0.78566	-1.27281	0.251631	0.587231	-1.70291	0.0467081	0.363406	-2.75174		0.0956232	0.44324	-2.25611	0.169671	0.521944	-1.91591	0.303074	0.60665	1.60665	0.912528	0.95005	1.05005	1.84646	5.77745	2.78127	1
cg21252141	CAPS2		0.200025	0.826973	1.04466	1.04466	0.0455162	0.669169	-1.49274	0.0134789	0.580808	-1.7212	0.0134789	0.580808	-1.4512	0.0134789	0.441638	-2.26471		0.781644	0.699647	-1.42913	0.0756834	0.532616	-1.87768	0.0313242	0.532616	-1.87768	0.0313242	0.532616	-1.87768	0.0313242	0.532616	-1.87768	0.0313242	1.01444	0.98566	1.01444	0.985761	1.84646	0.97041	1
cg01382862	TRPM4		0.200026	0.171916	0.479655	-2.08483	0.472716	0.694109	-1.4407	0.742153	0.846368	-1.18152	0.933686	1.04294	1.04294	0.0342969	0.287205	-3.48183		0.0206285	0.244519	-4.08967	0.247651	0.542996	-1.84163	0.202045	0.506339	-1.97496	0.981418	0.988302	-1.01184	1.84645	7.46439	3.5934	1
cg02973805	TAS1R1;TAS1R1;NOL9;TAS1R1;TAS1R1		0.200028	0.677985	1.06266	1.06266	0.404272	1.13225	1.13225	0.314137	1.16359	1.16359	0.426913	1.12532	1.12532	0.0290014	1.45041	1.45041		0.182623	1.22857	1.22857	0.0913321	0.762897	-1.31079	0.556969	0.917574	-1.09031	0.397054	1.13453	1.13453	1.84644	0.619474	0.29822	1
cg15136600	GABBR1;GABBR1;GABBR1		0.200029	0.645691	1.39522	1.39522	0.133666	0.320209	2.30208	0.0161966	1.76961	1.76961	0.265997	2.30218	2.30218	0.0265145	1.90248	1.90248		0.949403	1.04671	1.04671	0.512794	1.4121	1.4121	0.307904	2.43075	2.43075	0.13677	2.13677	2.13677	0.241123	2.41716	1.84643	15.1357	7.28648	1
cg01692354	C3orf67		0.20003	0.848455	1.0227	1.0227	0.747363	0.835853	-1.19714	0.500591	0.886559	-1.12796	0.418794	1.96004	1.96004	0.162948	1.81983	1.81983		0.761946	1.31243	1.31243	0.0855905	1.04986	1.04986	0.785369	1.27329	1.56107	0.910097	1.09878	1.84643	0.90703	0.436653	1
cg23518257	FEM1A		0.200032	0.285263	0.776715	-1.28747	0.980557	0.994467	-1.00556	0.802832	1.05861	1.05861	0.877601	0.965521	-1.03571	0.0125597	0.493253	-2.02736		0.24286	1.3208	1.3208	0.34168	0.80007	-1.24989	0.307223	0.786121	-1.27207	0.477921	1.17852	1.17852	1.84642	1.51572	0.729687	1
cg19457969	OCS1		0.200033	0.0885613	0.344153	-2.90571	0.231345	1.3211	1.3211	0.0799042	1.44222	1.44222	0.471566	1.17367	1.17367	0.0494307	1.61243	1.61243		0.381565	1.81503	1.81503	0.0225103	0.672722	-1.48657	0.262621	0.777172	-1.28707	0.786139	0.94146	-1.06218	1.84642	1.43867	0.692596	1
cg02239021	CYB5R1;MRPL37		0.200034	0.12702	1.44479	1.44479	0.696655	0.91636	-1.09127	0.353349	0.808227	-1.23728	0.259301	1.30002	1.30002	0.0748132	1.55643	1.55643		0.435765	1.19396	1.19396	0.110149	0.678273	-1.47433	0.272321	0.775111	-1.29014	0.833138	0.954052	-1.04816	1.84641	1.45364	0.699802	1
cg06537448	PRPF4B		0.200035	?	?	?	0.537872	1.12878	1.12878	0.816014	0.955814	1.04623	0.993156	0.998339	-1.00166	0.258002	0.794297	-1.25898		0.0212597	0.57539	-1.73795	0.567853	1.11862	1.11862	0.166247	1.3351	1.3351	0.573294	1.16182	1.16182	1.93371	1.00137	0.453119	1
cg10979994	SLC6A19		0.200036	0.221673	2.21226	2.21226	0.0748458	0.145858	-6.85572	0.095572	1.00344	1.00344	0.264433	2.15295	2.15295	0.0581353	1.74196	1.74196		0.226209	2.19351	2.19351	0.193611	0.568614	0.0598506	0.359519	0.370178	-2.70164	0.0598506	0.359519	0.370178	-2.70164	0.0598506	0.359519	0.370178	-2.70164	0.0598506	0.359519	0.370178	-2.70164	1.84641	11.1736	5.37917	1
cg06742600	CDC42EP4		0.200038	0.993085	0.998567	-1.00143	0.871404	0.102716	0.102716	0.295637	1.1965	1.1965	0.764734	0.951564	-1.0509	0.23321	1.2297	1.2297		0.781707	1.04702	1.04702	0.00999554	0.583896	-1.71263	0.629352	1.08377	1.08377	0.583748	1.09585	1.09585	1.84639	0.800222	0.385243	1
cg00983725	CABC1		0.200039	0.185054	0.804355	-1.24316	0.0477341	0.183	-5.46347	0.0477341	0.38873	-2.57273	0.0477341	0.38873	-2.5734	0.0477341	0.242482	-4.12345		0.851446	1.11631	1.11631	0.505887	0.672906	-1.48627	0.0369093	0.601086	-1.66362	0.0369093	0.601086	-1.66362	0.0369093	0.601086	-1.66362	0.0369093	1.02122	0.84497	1.02122	0.844977	1.84639	0.82984	1
cg26837127	SLC4A1AP;SLC4A1AP;SUPT7L		0.200045	0.378632	0.810569	-1.2337	0.104414	0.5174	1.5174	0.119752	1.48065	1.48065	0.793781	1.0628	1.0628	0.81922	1.05467	1.05467		0.14008	0.691352	-1.44644	0.839669	0.953992	-1.04823	0.10419	0.661642	-1.51139	0.264206	1.31073	1.31073	1.84635	1.58083	0.761058	1
cg02144298	CEBPA;LOC80054		0.200047	0.057938	0.28191	-3.54722	0.66214	0.780905	-1.28057	0.83985	1.13201	1.13201	0.729835	1.2151	1.2151	0.19746	0.45833	-2.18384		?	?	?	0.0478252	0.46855	-2.13501	0.0465	0.226529	2.06541	2.06541	0.210551	1.57606	3.16091	1
cg01865610	LOC552889;LOC552889		0.200053	0.391304	0.75101	-1.33145	0.464234	1.2748	1.2748	0.312645	0.711484	-1.40551	0.163601	0.618222	-1.61779	0.0169667	0.387137	-2.58307		0.747133	1.1112	1.1112	0.236827	1.49774	1.49774	0.0478343	1.880937	-1.24698	0.888636	1.04746	1.04746	1.84632	3.10627	1.49548	1
cg07760851	TMEM80;DEAF1;TMEM80		0.200058	0.732977	0.943544	-1.05983	0.761325	0.949617	-1.05306	0.0564102	0.693109	-1.44277	0.1332	1.31639	1.31639	0.857093	1.03106	1.03106		0.16011	0.775166	-1.29005	0.113751	1.33911	1.33911	0.388295	0.86067	-1.16189	0.459312	1.13639	1.13639	1.84629	0.842046	0.405399	1
cg22251330	LSR;LSR;LSR;LSR;LSR		0.200058	0.0181552	0.169649	-5.89168	0.0478343	0.1553	-6.43855	0.0478343	0.19514	-5.12455	0.0478343	0.19514	-5.1245	0.0478343	0.144197	-6.93692		0.0251183	0.144835	-6.90447	0.0478343	0.148335	-6.74115	0.0478343	0.148335	-6.74115	0.0478343	0.148335	-6.74115	0.0478343	0.148335	-6.74115	0.0478343	1.29178	1.84072	1.06844	1.06844	1.84629	1.16512	0.52383	1
cg26322763	GRIN2D		0.200058	0.370183	0.843371	-1.18572	0.432946	0.862318	-1.15966	0.415796	0.857306	-1.16644	0.613653	0.910066	-1.09882	0.0934387	0.978001	-1.02249		0.462872	1.14835	1.14835	0.0169732	1.73417	1.73417	0.302552	0.820607	-1.21861	0.226388	0.790468	-1.26507	1.84629	1.00198	0.482398	1
cg21805118	DIABLO;DIABLO;DIABLO;DIABLO		0.200061	0.0972384	0.373148	-2.67944	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755		0.121259	0.836983	0.836983	0.0165455	0.644619	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	1.84629	0.25139	0.10424	1
cg07608088	RNPS1;RNPS1		0.200063	0.983168	1.01538	1.01538	0.140238	3.15234	3.15234	0.141383	3.1404	3.1404	0.573525	0.662642	-1.50911	0.0865897	0.254191	3.93404		0.931551	0.939732	-1.06413	0.474287	0.590649	-1.69305	0.502654	0.611253	-1.63598	0.0579716	0.212088	-4.71501	1.84627	15.3093	7.37067	1
cg19661705	TRPM1		0.200069	0.604054	0.682764	-1.46464	0.0134005	0.107112	-9.33601	0.132458	0.305983	-3.26815	0.212165	0.383432	-2.60802	0.0275657	0.438002	-2.28309		0.65917	1.38232	1.38232	0.184245	0.357944	-2.79373	0.400018	0.533441	-1.87462	0.128041	0.301167	-3.32042	1.84624	15.5576	7.49036	1
cg25094834	NUP153		0.200072	0.0171592	0.255656	-3.91116	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343	0.0955	-10.4755	0.0478343

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg16354117	UNC13D		1.39415	1.39415	0.53117	1.4396	1.4396	1.4396	0.0665403	0.806723	1.20027	0.0883287	0.3395547	-2.9041	0.8875756	1.08464	1.08464	0.2249	1.04504	0.222785	1.04504	0.222785	0.479081	2.08703	1.84521	9.64226	4.64496	
cg27098804	CD6		0.2002827	0.0355153	5.90112	0.0518753	1.49748	0.47498	0.11996	3.39891	3.39891	0.055662	4.81957	0.2476331	2.40284	2.40284			0.887183	0.90217	-1.10844	0.616319	1.44254	1.44254	0.406062	1.85238	1.85238	0.294655	2.19959	2.19959	1.84519	15.3717	7.40505	1
cg07449620	ALNAP13		0.2002889	0.251714	0.651794	-1.53423	0.17511	0.597218	-1.67443	0.03162	0.406256	-2.4615	0.344696	1.4161	1.4161	0.384391	0.727022	-1.37547			0.112797	0.53956	-1.85336	0.133201	0.560435	-1.78433	0.175126	0.597231	-1.67439	0.896335	1.0477	1.0477	1.84518	3.73196	1.79878	1
cg14058861	DDR1;DDR1;DDR1		0.2002889	0.438108	0.78543	-1.27319	0.871956	1.05049	1.05049	0.683591	0.882379	-1.1333	0.968074	0.9878057	-1.0123	0.03803468	0.354505	-2.82084			0.82579	1.06963	1.06963	0.681725	1.13419	1.13419	0.329477	1.45099	1.45099	0.629667	1.15994	1.15994	1.84518	2.72514	1.3128	1
cg22786741	HSPBP1;HSPBP1;HSPBP1		0.2002939	0.29324	0.547858	-1.82529	0.872607	1.0926	1.0926	0.955754	0.960481	1.00111	0.6112272	0.7536066	-1.32695	0.229702	2.00483	2.00483			0.413671	1.58927	1.58927	0.01009346	0.171574	-5.82839	0.599757	1.33941	1.33941	0.753148	0.840106	-1.1902	1.84517	8.00117	4.28883	1
cg09997532	HS3ST1		0.2002953	0.67957	0.743151	-1.34562	0.284675	2.21289	2.21289	0.28112	2.22698	2.22698	0.899828	1.09418	1.09418	0.062943	0.2242	-4.46031			0.209947	0.38894	2.57109	0.0566415	0.213934	-4.67433	0.500974	1.62937	1.62937	0.33745	0.493225	-2.02747	1.84516	14.928	7.1914	1
cg03228288	2NF8;2NF83;2NF8		0.2002994	0.89068	0.965631	-1.03559	0.927225	1.02351	1.02351	0.89627	1.03373	1.03373	0.721111	1.09545	1.09545	0.42472	0.812753	1.23039			0.586509	1.1499	1.1499	0.00562571	0.396777	-2.52031	0.888732	0.965024	-1.03624	0.386274	0.797816	-1.25342	1.84515	1.89013	0.910554	1
cg05368115	C19orf22		0.2002995	0.442338	1.16067	1.16067	0.0324366	1.6101	1.6101	0.0869871	1.43262	1.43262	0.319172	1.21631	1.21631	0.804177	1.04839	1.04839			0.895196	0.975242	-1.02539	0.0248002	1.66233	1.66233	0.45156	1.15707	1.15707	0.9909916	0.997837	-1.00217	1.84515	1.05728	0.509336	1
cg21463349	EN1		0.2002996	0.00382845	0.179385	-5.57402	0.34089	0.811311	1.23527	0.957014	0.925795	1.08015	0.689174	0.5839539	-2.7954	0.0855611	0.372424	5.07395			0.648985	1.51938	1.51938	0.0156004	0.375609	-2.6624	0.445139	3.04063	3.04063	0.0679888	3.75364	3.75364	1.84515	59.7935	28.8052	1
cg25773199	KCNAB2;KCNAB2		0.2002998	0.284717	0.680146	-1.47027	0.0150414	2.81957	2.81957	0.216453	1.57012	1.57012	0.196583	1.60576	1.60576	0.400861	0.742104	-1.34752			0.353764	1.39227	1.39227	0.721952	1.13195	1.13195	0.940546	1.0242	1.0242	0.936053	1.02822	1.02822	1.84514	3.51592	1.69378	1
cg19935318	CAMTA1		0.2002999	0.0609922	0.329213	-4.54109	0.4468262	1.7419	1.7419	0.577744	0.668199	1.49453	0.889636	0.9509646	-1.11013	0.0278904	0.556221	-1.40218			0.502597	0.649399	-1.62604	0.623622	0.7924128	-1.42003	0.37156	0.553453	-2.82923	0.0805597	0.29237	-3.99409	1.84513	14.9189	7.18715	1
cg04012440	MIR2110;C10orf118		0.2002999	0.896814	0.979815	-1.0206	0.281787	0.838789	-1.19219	0.511063	1.31367	1.31367	0.101826	0.754675	-1.32507	0.941674	0.9885566	-1.01157			0.0852289	1.34859	1.34859	0.2260342	1.21869	1.21869	0.804167	1.03982	1.03982	0.1896001	1.24405	1.24405	1.84513	0.7218818	0.347735	1
cg16227703	UTP11L		0.2003	0.386294	1.18428	1.18428	0.671123	1.08474	1.08474	0.14172	1.38634	1.38634	0.862056	1.04887	1.04887	0.490581	1.41896	1.41896			0.378796	0.842017	-1.18763	0.969716	1.00726	1.00726	0.120346	1.37832	1.37832	0.0246959	1.66419	1.66419	1.84513	1.05981	0.510561	1
cg25288683	EMID2		0.2003036	0.386751	1.84477	-2.90048	0.174021	0.642906	-1.55544	0.314069	0.286613	-3.48903	0.167878	0.171338	-5.83493	0.0331866	0.0503672	-19.8554			0.253267	2.40373	-4.1602	0.0395715	0.0573824	-17.4249	0.0879843	0.0103512	0.0375755	0.0183828	-40.0009	0.8451	0.420974	42.0874	20.2827	1
cg22535057	LHFPL4		0.2003065	0.381334	0.606692	-1.64828	0.276555	1.8774	1.8774	0.208396	2.09203	2.09203	0.782075	1.16687	1.16687	0.602085	0.746185	-1.34015			0.763585	0.84545	-1.1828	0.1719161	0.4451962	-2.2462	0.0197277	4.79356	4.79356	0.738825	1.2047	1.2047	1.8451	9.05171	4.36073	1
cg08234109	KIAA0226;KIAA0226		0.2003107	0.166803	0.709614	-1.40922	0.652252	1.11334	1.11334	0.61238	0.887873	-1.12629	0.880886	1.03576	1.03576	0.0404668	0.576901	-1.73339			0.0356164	0.565979	-1.76686	0.442498	1.19994	1.19994	0.933217	0.980684	-1.0197	0.209677	0.733488	-1.36335	1.84509	1.58266	0.76346	1
cg04446112	FKBP2;FKBP2;FKBP2		0.2003131	0.232412	1.19996	1.19996	0.0151885	0.699693	-1.4292	0.69995	0.945191	-1.05799	0.163578	0.8053997	-1.24162	0.150262	0.798938	-1.25166			0.191762	0.815786	-1.22281	0.1687004	0.8206515	-1.21865	0.934007	0.988107	-1.01213	1.84508	0.6191158	0.2982887				1
cg11766698	UQCRC2		0.2003156	0.386597	1.43042	1.43042	0.149833	1.86401	1.86401	0.743866	0.876132	-1.14138	0.560901	0.78887	-1.26764	0.0779266	0.453802	-2.2036			0.302679	1.53823	1.53823	0.135025	1.91523	1.91523	0.259179	1.60767	1.60767	0.1163481	1.99022	1.99022	1.84505	4.75367	2.29017	1
cg19240554	FNTA;FNTA;FNTA		0.2003156	0.493334	0.900553	-1.11009	0.454806	1.26355	1.26323	0.560573	0.935204	-1.06925	0.251723	0.8359266	-1.19572	0.0496079	0.401111	-2.40111			0.364658	0.869109	-1.1506	0.860139	0.975795	-1.02691	0.717992	1.14505	1.14505	0.29038	1.29038	1.29038	1.84505	0.6624477	0.319161	1
cg20884984	THY1		0.2003221	0.107121	1.54933	1.54933	0.686552	0.903947	-1.10626	0.818357	1.05893	1.05893	0.21482	1.38409	1.38409	0.196829	0.712008	-1.40448			0.187506	1.41582	1.41582	0.0496906	0.572739	-1.74599	0.629773	1.12852	1.12852	0.887769	0.96546	-1.03578	1.84501	1.80604	0.87233	1
cg20186966	BET1		0.2003256	0.775157	0.854114	-1.17055	0.0498177	1.61509	1.61509	0.474523	0.825443	1.21158	0.0110551	0.7373252	1.35645	0.0104541	0.447224	2.2356			0.0683123	0.784519	-1.27469	0.0294491	0.7240455	-1.38178	0.0122371	1.45691	1.45691	0.419224	1.23844	1.23844	1.84495	1.96001	0.966405	1
cg13645296	DAPK2		0.2003526	0.183539	0.721912	-1.38521	0.330662	0.793102	-1.26087	0.0123877	0.487273	-2.05224	0.629381	0.8937777	-1.11885	0.618717	0.8905598	-1.12284			0.695031	1.09525	1.09525	0.251983	1.13832	1.13832	0.855905	0.958892	-1.04287	0.248605	0.756909	-1.32116	1.845	1.55834	0.750781	1
cg21298523	NUDT9;NUDT9;NUDT9		0.2003529	0.735557	0.950987	-1.05154	0.319163	1.16487	1.16487	0.0234839	1.49355	1.49355	0.715176	1.05583	1.05583	0.422423	0.885615	-1.12916			0.291053	1.17635	1.17635	0.193154	1.22647	1.22647	0.152201	0.796629	-1.25529	0.842373	0.970916	-1.02995	1.84499	0.642114	0.309361	1
cg27549827	DUT;DUT;DUT		0.2003529	0.415007	1.16968	1.16968	0.210378	0.782145	1.25168	1.25168	0.127564	-1.28181	0.203415	0.776832	-1.28728	0.0688057	0.146681	6.81738			0.163392	1.32288	1.32288	0.139759	1.34837	1.34837	0.774519	1.05551	1.05551	0.9663	1.002084	-1.00798	1.84498	1.03392	0.498129	1
cg13723202	KIAA2267 LMAN2L;LMAN2L;LMAN2L;LMAN2L;LM		0.2003533	0.29569	0.512763	-1.95022	0.0404546	4.29629	4.29629	0.0924698	3.1285	3.1285	0.598253	1.38755	1.38755	0.205542	0.4392374	-2.27648			0.634058	0.744242	-1.34365	0.3904	0.581525	-1.71962	0.432607	1.63769	1.63769	0.644367	0.751028	-1.33151	1.84497	11.0864	5.34134	1
cg01176538	AN2L;LMAN2L		0.2003535	0.759541	1.0649	1.0649	0.365499	0.8768465	1.51566	1.51566	0.732749	1.0714	1.0714	0.910981	0.9770557	-1.02348			0.657466	0.912654	-1.09571	0.1170222	1.41727	1.41727	0.0405302	0.616043	-1.62326	0.710261	0.926419	-1.07942	1.84496	1.22567	0.590522	1
cg23883738	SEST01		0.2003536	0.313161	0.704278	-1.41989	0.939971	0.975008	-1.02563	0.914886	0.964714	-1.03658	0.0873251	0.530284	-1.88578	0.866446	0.945006	-1.05819			0.0083665	0.322307	-3.10263	0.319716	0.707831	-1.41277	0.773872	1.10165	1.10165	0.4948554	0.792204	-1.2623	1.84495	3.29989	1.58987	1
cg18864490	FAM78B		0.2003634	0.710924	1.07022	1.07022	0.518053	1.24858	1.24858	0.215353	1.56428	1.56428	0.213861	1.54428	1.54428	0.0373346	0.647373	-1.54408			0.29	0.881573	-1.13455	0.7917292	0.9739198	-1.02695	0.8673591	0.969996	-1.03093	0.5076162	0.967906	-1.03307	1.84494	0.4678111			1
cg08034700	CMTM5;IL15;IL25;CMTM5		0.2003641	0.303382	0.706493	-1.41544	0.364535	0.738097	-1.35484	0.742192	1.11359	1.11359	0.656209	1.15722	1.15722	0.730239	0.893319	-1.11942			0.317594	1.40032	1.40032	0.0138207	2.69574	2.69574	0.740759	1.11428	1.11428	0.268592	0.686913	-1.45579	1.84493	3.10382	1.49542	1
cg09979742	TYMD;LTYMD1		0.2003642	0.949334	1.0221	1.0221	0.0498137	1.61509	1.61509	0.0869871	1.31698	1.31698	0.144933	1.15992	1.15992	0.0833473	0.71405	-1.40059			0.0683123	0.784519	-1.27469	0.0294491	0.7240455	-1.38178	0.0122371	1.45691	1.45691	0.419224	1.23844	1.23844	1.84493	1.96001	0.966405	1
cg21674489	RBPMS;RBPMS;RBPMS;RBPMS		0.2003646	0.352278	0.548988	-1.82153	0.0667811	0.275946	-3.6239	0.131693	0.360799	-2.77163	0.767423	1.20418	1.20418	0.16997	0.40023	2.49856			0.416624	0.594665	-1.68219	0.0227882	0.18137	-5.5136	0.55368	1.45548	1.45548	0.803447	0.855361	-1.1691	1.8449	11.4681	5.52541	1
cg19410789	LOC440926;HIF3A		0.2003647	0.718081	1.05501	1.05501	0.437229	0.889541	-1.12418	0.184544	1.23108	1.23108	0.281706	1.17969	1.17969	0.180443	1.23352	1.23352	0.0453251	0.818608	1.0345	1.0345	0.1634745	1.54279	1.54279	0.661547	1.06723	1.06723	0.0819519	1.32937	1.32937	1.8449	0.6375543	0.307174	1
cg10563588	RASA3		0.2003647	0.0199849	0.3125	-3.19974	0.0478585	1.51593	1.51593	0.14961	1.03393	1.03393	0.89693	0.7845529	-1.27452	0.0126456	0.150583	6.64525			0.0461496	0.5857	-1.70786	0.0025186	0.4854857	-2.06046	0.0045187	2.52	2.52	0.0796286	0.8599806	0.2115124	1.8449	0.9600106	0.2540044			1
cg23983141	TRAPPC9;TRAPPC9		0.2003648	0.375017	0.853006	-1.17233	0.311347	0.832855	-1.20069	0.853161	0.968165	-1.03288	0.668972	1.078	1.078	0.0834886	0.715677	-1.39728			0.308121	1.20226	1.20226	0.0419466	1.5058	1.5058	0.214523	0.795986	-1.2563	0.755811	0.946985	-1.05598	1.8449	0.8909154	0.429251	1
cg02726669	MYO1B;MYO1B;MYO1B		0.2003655	0.171015	1.17482	1.17482	0.13496	1.73496	1.73496	0.253705	0.761957	-1.31241	0.648918	1.11108	1.11108	0.0514546	1.02494	1.02494			0.134317	1.16455	1.16455	0.0344494	1.16407	1.16407	0.0970557	1.08444	1.08444	0.64869	1.14316	1.14316	1.8449	0.7435514			1
cg19244380	AMBRA1;AMBRA1		0.2003656	0.523766	1.44654	1.44654	0.170877	2.29997	2.29997	0.418072	1.60424	1.60424	0.0527188	1.51791	1.51791	0.762319	0.840928	-1.18916			0.28766	1.87868	1.87868	0.957216	1.03112	1.03112	0.0375756	1.69523	1.69523	0.35219	1.72781	1.72781	1.84488	1.53289	0.459307	1
cg08134680	EPHA10		0.2003658	0.13655	0.419744	-2.38241	0.0234058	0.230893	-4.33101	0.0391626	0.274771	-3.6394	0.496629	0.6884459	-1.45252	0.614743	0.758318	-1.3161			0.242918	0.52109	-1.91906	0.0786509	0.347461	-2.87802	0.393634	0.623172	-1.60469	0.623792	0.765244	-1.30677	1.84486	8.55911	4.12394	1
cg24664347	RENO1;ZP		0.2003658	0.25982	1.7179	1.7179	0.0174116	3.2922	3.2922	0.0571225	2.76362	2.76362	0.0263137	4.475734	4.475734	0.0263137	1.51311	1.51311			0.724458	0.904337	-1.10578	0.7139305	1.27544	1.27544	0.1242972	1.34259	1.34259	0.864808	0.953089	-1.04922	1.84485	2.32886	1.1192	1
cg19216851	STS;STS;STS		0.2003658	0.961091	1.02128	1.02128	0.133769	0.90989	2.00989	0.804442	1.11303	1.11303	0.535312	0.7626231	-1.31127	0.0150598	0.27536	-3.6316			0.850865	1.08464	1.08464	0.899659	1.05596	1.05596	0.894262	1.05908	1.05908	0.148131	0.511876	-1.9536	1.84485	5.4444	2.62323	1
cg10060703	MLLT10;MLLT10		0.2003659	0.639313	1.07202	1.07202	0.278525	0.864406	1.17104	1.17104	0.387237	1.37923	1.37923	0.16459	1.34403	0.0911153	0.913934	-1.09451			0.844437	1.2029	1.2029	0.0813307	0.8674451	1.16496	0.0998466	1.10336	1.10336	0.0388883	0.6649648	-1.49368	0.0147973	1.01784	0.0196035	0.4981725	1
cg16356013	H2AFY;H2AFY;H2AFY;H2AFY		0.2003661	0.891572	0.964235	-1.03709	0.101621	1.61376	1.61376	0.273393	1.35577	1.35577	0.0719922	0.584911	-1.70966	0.687693	1.11395	1.11395			0.534541	0.845385	-1.18289	0.0944286	1.63383	1.63383	0.757275	1.08631	1.08631	0.233765	0.716525	-1.39563	1.84483	2.0834	1.00184	1
cg22449854	CBR4		0.2003662	0.100452	0.649218	-1.53972	0.0270447	0.591536	-1.69051	0.0977221	0.758234	-1.31885	0.711391	0.9147766	-1.09318	0.364074	0.799646	-1.25055			0.469986	1.19268	1.19268	0.146745	1.4535	1.4535	0.39697	0.8451555	1.12008	0.154948	0.629476	-1.44035	1.8448	1.67897	0.808984	1
cg02310645	MYO1E		0.2003678	0.904162	0.97632	1.02708	0.25174	0.745515	1.34859	0.991644	0.824738	1.21251	0.9236643	1.0215	1.0215	0.326448	0.79871	-1.25202			0.652101	1.02403	1.02403	0.0743065	1.32186	1.32186	0.0390859	1.03098	1.03098	0.743866	0.844289	-1.18443	1.8475	0.4739294	0.692868	1
cg19246651	LHX2		0.2003778	0.902449	0.948866	-1.05389	0.115829	1.07849	2.07849	0.113498	0.478464	-2.09002	0.632728	0.813759	-1.22887	0.723941	0.859163	-1.16392			0.65211	1.21441	1.21441	0.949374	0.973187	-1.02755	0.216914	1.74391	1.74391	0.0304441	2.97077	2.97077	1.8475	5.35328	2.57947	1
cg15873679	WSCD2;WSCD2		0.2003778	0.180075	1.14077	1.14077	0.0595354	1.2458	1.2458	0.0561243	1.56428	1.56428	0.213861	1.43927	1.43927	0.22696	0.647373	1.54408			0.527857	0.967564	-1.0404	0.8513747	1.09448	1.09448	0.400557	0.9015922	1.10956	1.10956	0.184675	0.9190554	1.08141	0.5507922	0.699054	0.3371727	1
cg20672819	PDRG1		0.2003779	0.532633	0.82111	-1.21786	0.116649	0.587645	-1.70171	0.412667	0.77013	-1.29848	0.688146	1.13408	1.13408	0.131683	0.6020217	-1.66108			0.203826	0.656166	-1.524	0.0269987	0.4419312	-2.2629	0.292109	1.40618	1.40618	0.790746	1.08647	1.08647	1.84475	2.84139	1.36912	1
cg19482454	EIF2C2;EIF2C2		0.2003781	?	?	?	0.1930424	3.34023	3.34023	0.0833897	1.13712	1.13712	0.2291564	1.031887	1.031887	0.1338574	1.41854	1.41854			0.191624	1.31501	1.31501	0.1050127	1.33442	1.33442	0.1050127	4.7161	4.7161	0.0452674	0.7497095	0.0758459	0.648361	1.54265	0.6845	1
cg16658473	SHISA9;SHISA9		0.2003783	0.660008	0.796594	-1.25535	0.0464144	2.91044	2.91044	0.0116881	1.76836	1.76836	0.302209	1.71362	1.71362	0.0497482	0.56863	-1.75863			0.0817607	1.69361	1.69361	0.98196	1.47411	1.47411	0.0825331	0.37237	-2.6855	0.5876571	1.32476	1.32476	1.84473	2.73013	1.57315	1
cg08064891	PTOV1		0.2003786	0.988372	0.995387	-1.00463	0.476416	0.794753	-1.25825	0.982538	1.00697	1.00697	0.667441	1.14837	1.14837	0.576069	0.835919	-1.19629			0.335124	1.37075	1.37075	0.0439372	0.352121	-2.83994	0.319166	1.38629	1.38629	0.605065	1.18	1.18	1.8447	2.94091	1.4171	1
cg15748242	QPCTL;QPCTL		0.2003805	0.138128	0.72978	-1.37015	0.2176568	0.7238	0.7238	0.0833892	1.38433	1.38433	0.9001	0.8898772	0.9822311	-1.01811	0.5982	-1.67147			0.0791378	1.04793	1.04793	0.1117095	1.31549	1.31549	0.735981	0.946946	-1.05603	0.879455	1.02475	1.02475	1.84469	0.7586065	0.365283	1
cg17213616	NPHP4		0.2003839	0.430783	0.878505	-1.1383	0.708624	1.06234	1.06234	0.275359	0.832938	-1.20057	0.784719	1.0451	1.0451	0.0143401	0.6148894	-1.6263			0.313437	1.14165	1.14165	0.0344494	1.16407	1.16407	0.0970557	1.08444	1.08444	0.64869	1.14316	1.14316	1.8447	0.7586065	0.365283	1
cg16476237	ATF6B;ATF6B		0.2003891	0.417476	0.873787	-1.14444	0.346349	1.17105	1.17105	0.302214	0.980503	-1.0152	0.0216944	0.6384419	-1.56637	0.0194346	0.6986574	-1.43151			0.469986	1.19268	1.19268	0.146745	1.4535	1.4535	0.39697	0.8451555	1.12008	0.154948	0.629476	-1.44035	1.8448	1.67897	0.808984	1
cg25154699	RASA3		0.2003902	0.932721	0.977471	-1.02305	0.866858	1.04632	1.04632	0.547205	0.848404	-1.17868	0.378205	1.27635	1.27635	0.193543	0.689847	1.4496			0.698049	1.11095	1.11095	0.237943	0.716325	-1.39601	0.0511501	1.23832	1.23832	0.478438	1.21468	1.21468	1.84468	1.72787	1.02535	1
cg21827342	TTPA		0.2003934	0.804653	0.854747	-1.16994	0.863819	0.896976	-1.11486	0.886931	0.931833	-1.09429	0.909205	1.07491	1.07491	0.0224892	0.1770075	-5.64733			0.988297	1.00933	1.00933	0.0215261	0.17401	-5.7468	0.337073	0.534277	-1.87169	0.672878	1.3086	1.3086	1.84467	1.71792	5.64713	1
cg21777154	Clorf21		0.2003939	0.695864	1.0063	1.0063	0.0575776	0.994	1.0079	0.0127279	0.758234	-1.31885	0.711391	0.9147766	-1.09318	0.364074	0.799646	-1.25055			0.469986	1.19268	1.19268	0.146745	1.4535	1.4535	0.39697	0.8451555	1.12008	0.154948	0.629476	-1.44035	1.8448	1.67897	0.808984	1
cg03710196	LHPP;LHPP		0.2004006	0.287562	1.44937	1.44937	0.135219	0.582042	-1.71809	0.0940341	1.85671	1.85671	0.547492	0.8149882	-1.22702	0.931654	0.971581	-1.02925			0.258695	0.672949	-1.486	0.0672165	1.99252	1.99252	0.456758	1.29012	1.29012	0.517301	0.801997	-1.24689	1.8461	3.30027	1.59034	1
cg11222053	ITGA3;ITGA3		0.2004009	0.809388	1.05958	1.05958	0.321912	1.33791	1.33791	0.30406	1.26639	1.26639	0.164768	1.32733	1.32733	0.0238134	0.5376947	-1.85996			0.602452	1.12367	1.12367	0.990092	0.9997743	-1.00024	0.680274	0.91379	-1.09434	0.54929	0.8742211	1.14384	1.8461	0.9318914	0.508918	1
cg26681847	ARHGEF12		0.2004047	0.372758	0.594592	-1.68183	0.728632	1.21881	1.21881	0.166712	2.31086	2.31086	0.895216	1.02774	1.02774	0.191946	0.4562241	-2.19182			0.655261	0.774685	-1.29085	0.029201	0.232267	-4.3054	0.0781211	0.328896	-3.04048	0.696363	0.800276	-1.24957	1.8461	0.42929	0.454383	1
cg00779778	HIPK2;HIPK2		0.2004207	0.16749	2.65825	2.65825	0.126909	2.97145	2.97145	0.658418	1.34399	1.34399	0.140856	2.8648	2.8648	0.418418	0.5938568	-1.6839			0.269373	2.14752	2.14752	0.137142	2.89778	2.89778	0.0442998	4.64181	4.64181	0.0783459	3.66725	3.66725	1.84461	12.8993	6.216	1
cg12842552	IGSF10		0.2004214	0.152974	0.708375	-1.41154	0.2775564	0.737	1.07073	0.0822252	1.79303	1.26534	0.0154739	0.7373234	1.35645	0.0104541	0.4472241	2.2356			0.0729954	0.643804	-1.55327	0.0115208	0.502278	-1.99127	0.0356	0.3933857	-2.54155	0.0196035	0.2541	-3.93665	1.84461	0.7586065	0.365283	1
cg01158657	IL17F		0.2004413	0.0235685	0.117654	-8.49947	0.0654322	0.194633	-5.13787	0.515123	0.593117	-1.68601	0.391624	0.499244	-2.00303	0.398356	0.50441	-1.98251			0.686094	0.725006	-1.3793	0.0434819	0.159201	-6.28136	0.520311	0.597051	-1.6749	0.12059	0.263824	-3.7904	1.84458	18.2996	8.81839	1
cg18140201	C5orf54		0.2004414	0.176706	0.786564	-1.30776	0.0523455	0.624098	-1.60221	0.161214	0.747143	-1.32076	0.137724	0.7421931	-1.34756	0.0966504	0.4016344	-2.4893

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	t(Test)	S(Test)	S(Error)	t(Error)
cg11411904	SLC39A1		0.2006582		0.9906868	-1.00942	0.6576878	0.922009	-1.08459	0.1670099	1.30757	1.307572	0.1020844	1.38225	1.382225	0.8367751	0.96313	1.03828	0.0372586	1.6438893	-1.55305	0.9181091	0.9814667	-1.01888	0.325889	1.35194	1.351942	0.9959492	0.0900778	-1.00931	1.84353	0.9679949	0.4640714	1
cg01474257	PIY		0.2006537		0.1833663	3.23622	3.23622	0.3076533	2.408852	2.404852	0.4563624	1.88039	1.88039	0.5138336	1.735515	1.735515	0.1506501	1.61957	1.61957	0.5718924	1.6216001	-1.60875	0.0566907	0.02223	0.022223	0.0982496	4.64995	4.649955	0.0225451	9.71678	9.71678	1.84351	20.2284	9.75358	1
cg06426114	PITPNM3;PITPNM3		0.2006537		0.0943351	0.286382	-3.49184	0.7897011	0.8338815	-1.19931	0.157761	2.79258	2.79258	0.4824261	0.6154651	-1.62481	0.0362693	0.19104	-5.23449		0.3822353	0.5437252	-1.83907	0.53848	0.6547833	-1.52722	0.3549666	0.5232621	-1.90978	0.0955594	0.2307709	-3.47573	0.8435	13.4973	6.50804	1
cg23050996	SLC35F5;SLC35F5		0.2006539		0.2501	1.24608	1.24608	0.707085	1.446917	1.44691	0.1755386	1.30166	1.30166	0.1343312	1.12203	1.12203	0.6055132	1.00904	1.00904	0.5080776	1.13078	1.13078	0.2513943	0.8092265	-1.24492	0.0719042	1.4445	1.4445	0.0889924	1.40966	1.40966	1.8435	0.9782266	0.4716096	1
cg22638471	TFDP1;TFDP1		0.20064		0.319245	0.592561	-1.68759	0.8722267	0.921453	-1.08524	0.576693	0.750154	-1.33306	0.7156889	0.8303801	-1.20438	0.0027233	0.172031	-5.81291		0.4746068	0.6909561	-1.44726	0.362696	0.62167	-1.60857	0.827404	0.894929	-1.11741	0.0718509	0.359995	-2.77782	1.84349	7.54634	3.63867	1
cg21864304	VGLL4		0.2006549		0.1764988	3.18781	3.18781	0.0446856	6.42148	6.42148	0.04410601	6.69719	6.69719	0.38451	2.05231	2.05231	0.2382092	2.76065	2.76065	0.3730355	2.00144	2.00144	0.0790659	4.82217	4.82217	0.0855814	4.63309	4.63309	0.1758827	3.19428	3.19428	1.84345	19.0067	9.16481	1
cg08850996	PEAR1		0.2006556		0.743744	0.888938	-1.12494	0.0953432	0.518074	-1.93024	0.0463355	0.440819	-2.2685	0.819951	0.921437	-1.08526	0.482656	0.77408	-1.29186		0.73524	1.12654	1.12654	0.922316	1.03563	1.03563	0.01805166	0.356705	-2.80344	0.7358171	0.8855581	-1.1292	1.84341	3.76061	1.81335	1
cg05607935	PCSF3		0.2006563		0.6106653	1.20224	1.20224	0.199084	1.63492	1.63492	0.1382952	1.37355	1.37355	0.256664	1.529514	1.529514	0.0371326	0.41978	-2.3822		0.88007	0.947282	-1.05565	0.6068443	0.8309904	-1.20355	0.815442	1.40634	1.406634	0.1513663	0.5575514	-1.79368	1.84338	3.75648	1.81139	1
cg24492273	VWA1;VWA1		0.2006603		0.5265161	0.883235	-1.13226	0.3189475	1.269227	1.269227	0.0483464	1.54667	1.54667	0.1594136	1.40982	1.40982	0.2722161	0.80779	-1.24721		0.3359933	1.2114	1.2114	0.1170432	0.7756621	-1.32341	0.956014	1.01072	1.01072	1.84338	1.091	0.5260288	1
cg25614253	BAI1		0.2006644		0.180478	0.279568	-3.57694	0.4891668	1.87698	1.87698	0.638112	1.52893	1.52893	0.351335	0.423325	-2.36225	0.149775	3.99045	3.99045		0.018959	1.72587	1.72587	0.704834	0.7110155	-1.40644	0.500301	1.84621	1.84621	0.9200445	1.093666	1.093666	1.84338	23.4479	11.3067	1
cg01252181	PCDTH;MIPEP;PCDTH		0.2006664		0.7593936	1.050965	1.050965	0.7966412	1.28317	1.28317	0.1923877	1.20798868	1.38313	1.383131	1.30828	1.308282	0.1242942	1.10342	1.10342	0.5410026	1.108425	1.108425	0.7975312	1.04555	1.045551	1.234107	0.715059	0.9406638	1.063511	1.84338	0.8183335	0.3922193	1
cg13632655	PTPRN2;PTPRN2;PTPRN2		0.2006676		0.0529398	0.3881161	-2.57625	0.0964223	0.455979	-2.19308	0.762437	0.877715	-1.13932	0.2542543	0.5979117	-1.67247	0.0609261	0.403018	2.48128		0.6337463	0.8134115	-1.22938	0.0463156	0.3745425	-2.66991	0.1108877	0.473637	-2.11132	0.3312347	0.6496568	-1.53927	1.84332	5.40381	2.60584	1
cg04423314	TPR2		0.2006677		0.121855	0.607745	-1.64543	0.2415383	0.694876	-1.4391	0.349562	0.751288	-1.33105	0.305917	0.729927	-1.37	0.0177579	0.424826	2.3539		0.2171151	0.6800352	-1.47052	0.627841	0.864961	-1.15612	0.0361007	0.484882	-2.06236	0.4579861	0.798964	-1.25162	1.84331	2.5747	1.24158	1
cg05975021	APS		0.20068		0.395206	1.76161	1.76161	0.48036	0.627197	-1.5944	0.327941	0.518591	-1.9283	0.6684097	0.265359	-3.76848	0.0268173	0.183664	-5.50466		0.249291	2.18804	2.18804	0.775646	1.204919	1.204919	0.1561341	0.650521	-1.53723	1.8433	12.3446	5.95289	1
cg15130788	FNBP1L;FNBP1L		0.20068		0.4082	1.802466	-1.24616	0.0137447	2.87412	2.874412	0.2484615	1.3705	1.3705	0.1836277	0.691521	-1.44659	0.0135046	0.547202	-1.82754		0.5550159	0.870383	-1.14912	0.247955	0.73037	-1.36917	0.318361	0.7646848	-1.30772	0.2264413	0.718629	-1.39154	1.84326	1.97555	0.95268	1
cg20847035	EPHA8;EPHA8		0.20069		0.100783	0.30846	-3.24191	0.1666551	0.381011	-2.6246	0.527896	1.51966	1.51966	0.6664069	0.752962	-1.32809	0.38186	0.556063	-1.79836		0.21954	0.429629	-2.32759	0.0466779	0.2252566	-4.4392	0.0346093	0.19946	-5.01355	0.8715541	0.8995519	-1.1117	1.84325	12.5001	6.02807	1
cg18496564	HIF2;HIF2;HIF2;HIF2		0.20069		0.0686023	0.183229	-5.45756	0.1539203	0.0972688	-5.68672	0.1031025	0.226565	-4.41374	0.427755	0.509561	-1.96247	0.0307751	0.163462	-6.11764		0.452245	0.528516	-1.89206	0.0532299	0.15906	-6.28692	0.04182	0.268401	-3.72576	0.0821052	0.201093	4.97283	1.84323	20.1417	9.76146	1
cg20458807	ANKRD27		0.20069		0.1861886	0.5110774	-1.95693	0.2529193	0.2709269	1.174337	1.174337	0.1512925	1.2572	1.2572	0.754824	0.9542022	-1.04721	0.1262922	1.279371		0.507845	1.004542	1.004542	1.0054	1.004542	1.004542	0.7449197	-1.34373	0.3404063	0.863049	-1.15809	1.84323	0.6516436	0.3142449	1
cg03559043	RPS5		0.20069		0.2021384	0.644127	-1.55249	0.7393181	0.89668	-1.11523	0.0884558	1.84772	1.84772	0.0829977	0.534192	-1.87198	0.2103315	0.649725	-1.53911		0.627662	1.173111	1.173111	0.507569	0.8028844	-1.24557	0.441101	1.29253	1.29253	0.1933204	1.56796	1.56796	1.84322	3.114888	1.50214	1
cg07368127	KIAA1267		0.20069		0.227427	1.35502	1.35502	0.4726421	0.822161	-1.2164	0.0960824	0.645997	-1.55281	0.4471342	0.79285	-1.2612	0.0909344	0.600012	-1.66652		0.4136683	0.825676	-1.21113	0.3974585	0.5261205	-1.90125	0.161005	0.747154	-1.33826	0.1711067	0.4747575	0.6563854	0.898186	-1.11336	0.8421	1.809361	1
cg12832355	DAXX;DAXX;DAXX;DAXX;DAXX;DAXX		0.20069		7	7	7	0.0384094	0.218461	-4.57748	0.166238	2.55001	2.55001	0.166575	0.392487	-2.54786	7	7	7	0.6885501	1.29116	1.29116	0.572741	0.6967024	-1.43533	0.431398	1.66398	0.932652	0.947815	-1.05506	1.84661	9.23568	5.56072	1
cg00226504	NBPF1		0.20070		0.178742	0.870554	-1.14869	0.5348877	0.214819	-4.66954	0.1239478	0.771	1.29705	0.1830728	0.8820664	-1.13385	0.1241242	0.978278	-1.0222	0.2948851	1.19408	1.19408		0.2150343	0.8006554	-1.24899	0.2969894	0.9125065	-1.09578	1.11002	1.11002	1.28899	0.898675	-1.11275	0.99178	1.001	0.9849119	0.5885955	0.2302257	1
cg00992103	LMNB2		0.20070		0.931689	0.972242	-1.02855	0.256488	0.677806	-1.47535	0.130744	1.70884	1.70884	0.944651	1.02222	1.02222	0.0225012	0.407637	-2.45316		0.1927772	0.635975	-1.57239	0.70979	1.13059	1.13059	0.881854	0.952343	-1.05004	0.21918	0.65424	-1.52849	1.84319	3.14718	1.51775	1
cg08655493	URB1;C21orf119;URB1		0.20070		0.0566386	0.758277	-1.31878	0.610535	0.93625	-1.06809	0.374455	1.12402	1.12402	0.514958	0.91881	-1.08836	0.210196	1.18453	1.18453		0.5260226	1.085089	1.085089	0.188885	0.8183119	-1.19343	0.761983	1.03193	-1.03193	0.1796683	1.20052	1.20052	1.84317	0.4801107	0.231537	1
cg19270469	PLCB3		0.20072		0.9546328	0.970541	-1.02993	0.1717722	1.12534	1.26704	0.1627353	1.34432	1.34432	0.1444936	1.24436	1.24436	0.1744892	1.35434	1.35434	0.1708252	1.63859	1.63859	0.1352446	1.4777	1.4777	1.4777	0.1239401	1.4777	1.4777	0.1488332	1.84316	7.84604	3.78125	1
cg07748253	TRIO		0.20070		0.0701879	0.344841	-2.89989	0.642523	0.782028	-1.27873	0.650035	0.786433	-1.27156	0.97543	0.983932	-1.01633	0.0472997	0.303093	3.29931		0.403246	1.56814	1.56814	0.0458303	0.2999982	-3.33349	0.75607	1.1781	1.1781	0.245207	0.5276444	-1.89522	1.84316	8.07576	3.89465	1
cg13607829	USP16;USP16;USP16		0.20071		0.546209	1.1642	-1.47876	0.1853305	0.583042	-1.71507	0.1615299	0.32904	-3.03918	0.2367	0.32904	-3.03959	7	7	7	0.1922727	0.4126093	-2.42311	0.0351284	0.2884347	-3.46809	0.0731097	0.199045	-5.02398	0.2682002	0.477152	-2.09503	1.84653	5.78928	2.80255	1
cg11283404	KBKB		0.20075		0.423241	0.658801	-1.51791	0.854745	0.910736	-1.09801	0.0240286	0.253548	-3.93935	0.55124	0.735203	-1.36017	0.421257	0.657573	-1.52074		0.1661103	0.470723	-2.12439	0.114644	0.4416679	-2.39933	0.154045	0.27839	-3.59207	0.1498242	1.04982	1.04982	1.84313	1.59935	3.66495	1
cg11986355	AKT1;AKT1;AKT1		0.20075		0.0901882	0.638986	-1.56498	0.898436	0.969837	-1.0311	0.149565	1.44858	1.44858	0.201875	1.38156	1.38156	0.734062	0.92147	-1.08522		0.739153	1.083445	1.083445	0.609913	0.8838899	-1.13135	0.0417735	0.755615	1.75565	0.3085011	1.28763	1.28763	1.84312	1.67919	0.80983	1
cg15798221	LOC146880		0.20075		0.0629407	0.239548	-4.17459	0.1823152	0.2859	-3.49734	0.1615	0.2958	-3.38	0.1753128	0.2104	-4.75138	0.2	0.1047	0.2607983	0.4488402	-2.22816	0.0857926	0.2222161	-4.50077	0.0307057	0.177149	-5.64497	0.1312074	0.489519	-2.04282	1.84309	13.6207	6.569	1
cg00201133	CCNY;CCNY		0.20076		0.24264	2.18488	2.18488	0.15051	1.67777	2.67777	0.593139	0.708425	-1.41158	0.7554143	1.2207	1.22107	0.358999	1.82732	1.82732		0.16875	2.55303	2.55303	0.028934	0.2208328	5.22621	0.272641	0.437449	4.68047	0.465213	0.6081	1.6081	1.84308	11.9254	5.75144	1
cg08858811	KIT1C		0.20077		0.1876742	0.870554	-1.14869	0.5348877	0.214819	-4.66954	0.1239478	0.771	1.29705	0.1830728	0.8820664	-1.13385	0.1241242	0.978278	-1.0222	0.2948851	1.19408	1.19408		0.5592237	1.0838	1.0838	0.1850767	0.7961139	-1.25607	0.4161517	0.5904479	-1.69354	0.5507614	0.6018384	-1.44531	1.84307	3.1455	1.52007	1
cg04043264	EFHD1		0.20079		0.245949	1.30705	1.30705	0.0057661	2.22184	2.22184	0.450084	1.1851	1.1851	0.620973	1.11627	1.11627	0.482274	1.17069	1.17069		0.6952448	1.09076	1.09076	0.718493	0.923226	-1.08316	0.965445	0.990486	-1.00961	0.2653567	1.29193	1.29193	1.84306	1.42141	0.68553	1
cg05773207	GAP43;GAP43		0.20073		0.0300132	0.183184	1.83184	0.940068	1.01799	1.01799	0.440865	0.829948	-1.20489	0.8738327	1.03841	1.03841	0.944994	0.998411	-1.00159	2.11052	1.84306	1.84306	0.0744938	1.74428	1.74428	0.493784	1.17916	1.17916	0.7177154	0.9173341	1.09011	1.84306	1.64161	0.791732	1
cg15938989	ZNF827		0.20073		0.9773844	0.985459	-1.01477	0.6459643	0.971168	-1.02979	0.6974168	-1.48994	0.355729	0.10838	1.10308	1.10308	0.8043714	1.04663	1.04663	0.3155468	1.0313	1.0313	0.8720515	1.21815	1.21815	0.397077	0.8529192	0.8420982	1.17243	1.84306	0.9829297	0.4737353	1
cg08176410	POS		0.20073		0.190837	0.469325	-2.13072	0.32126	0.57141	-1.75006	0.790298	0.864542	-1.15668	0.1448115	0.425177	-2.35196	0.0191232	0.212533	4.70514		0.1488009	0.42939	-2.32889	0.0557791	0.3061951	-3.26589	0.509262	0.693757	-1.44143	0.154935	0.435475	-2.29634	1.84305	8.70598	4.19882	1
cg06428819	NUP97;NUP97;NUP97		0.20078		0.59811	1.21389	1.21389	0.4245532	0.418683	-2.38844	0.9606868	0.98601	-1.01419	0.3999904	1.28075	1.28075	0.7795682	0.92263	-1.08386		0.7780845	1.10485	1.10485	0.4429317	0.8747709	1.16031	0.2281176	0.3515458	1.35145	0.1160121	0.2886156	1.84305	0.9463113	0.5.7898	12.4853	1
cg26937500	CARD11;CARD11		0.20078		0.2043773	21.9773	23.9773	0.5578441	18.4398	18.4398	0.113876	9.98875	9.98875	0.145311	2.83699	2.83699	0.2676084	4.78538	4.78538		0.6254449	1.95147	1.95147	0.822345	1.153254	1.35247	0.102354	11.3529	11.3529	0.1353593	0.3842054	1.84305	0.9284227	0.5.4373	29.4224	1
cg07005905	ITGA2B		0.20074		0.029504	0.256381	-3.90045	0.43026	0.652125	-1.53345	0.302406	0.567053	-1.7635	0.089649	0.370244	-2.70092	0.983423	0.989028	-1.01109		0.3477763	0.902979	-1.10745	0.350086	0.60005	-1.66653	0.71345	0.82212	-1.21637	0.0240762	0.239621	-4.17325	1.84301	8.2306	3.96964	1
cg03158772	Clorf20		0.20074		0.1187782	0.326434	-3.06435	0.1472958	0.2558	-3.90768	0.2268	0.3268	-3.05988	0.1226	0.26631	-3.75503	0.0618284	0.2022	-4.94605		0.1922727	0.4126093	-2.42311	0.0351284	0.2884347	-3.46809	0.0731097	0.199045	-5.02398	0.2682002	0.477152	-2.09503	1.84653	5.78928	2.80255	1
cg03860256	MOV10L1;MOV10L1;MOV10L1		0.20074		0.0636468	0.1974	6.1974	0.422929	0.04636	0.04636	0.0350105	0.08344	0.08344	0.378841	2.19921	2.19921	0.971944	1.03125	1.03125		0.9946006	1.00593	1.00593	0.0599483	0.46134	0.46134	0.0847321	5.30096	5.30096	0.455462	1.94453	1.843	22.3394	10.7744	1
cg18406106	LOC100130872;LOC100130872-SPON2		0.20074		0.0500659	0.592228	-1.68854	0.928705	0.979236	-1.0212	0.886223	0.966988	-1.03414	0.267788	0.762873	-1.31083	0.0219599	0.524971	-1.90487		0.685141	0.908849	-1.10029	0.902613	0.9717106	-1.02912	0.216293	0.737062	-1.35574	0.0719936	0.62444	-1.60143	1.84297	1.60467	0.773955	1
cg08101903	DLX5		0.20076		0.711556	1.24798	1.24798	0.204185	0.453865	-2.2033	0.326824	0.707736	-1.41358	0.089527	0.60777	1.65075	0.0136	0.313958	3.18553		0.4865924	1.15706	1.15706	0.573289	0.714978	-1.39864	0.0128265	0.184609	5.41669	0.369172	0.172442	1.84296	10.1445	4.89282	1
cg12604689	DYRK2;DYRK2		0.20076		0.542475	0.890734	-1.12267	0.650114	0.88948	-1.12408	0.4758	0.7	1.42857	0.2	0.2	5	0.2	5	0.2		0.2012217	1.7967	1.7967	0.1166511	0.5414831	0.8905665	-1.12288	1.84296	0.32809	0.9784866	1
cg21719361	LMF2		0.20076		0.500739	0.74062	-1.35022	0.211561	0.78287	-1.27687	0.735935	1.16034	1.16034	0.676647	1.20234	1.20234	0.0172927	0.279739	-3.57476		0.8723345	1.0732	1.0732	0.116854	0.4793083	-2.11379	0.483753	1.36707	1.36707	0.985862	0.992245	-1.00782	1.84289	5.63387	2.71741	1
cg03496157	BCL7A;BCL7A		0.20076		0.7964757	1.0.3.1	1.0.3.1	0.2684214	1.295404	1.295404	0.2672328	1.96706	1.96706	0.1835746	1.7401	1.7401	0.3436292	1.534449	-1.27206		0.9650322	1.25737	1.25737	0.2628	0.9934244	1.0.3.1	0.3.1.1.1	1.38758	0.9648688	1.02612	1.02612	1.84289	0.98988	1.02612	1.02612	1.84289	0.98988	0.8233	1
cg14445047	INPP5E		0.20076		0.106796	0.416876	-2.3988	0.274353	0.849273	-1.17748	0.544022	1.35546	1.35546	0.38461	0.643086	-1.555	0.0897419	0.395998	2.52527		0.3196828	0.6142144	-1.6281	0.0556619	0.3045669	0.296281	0.0466251	0.323552	-3.09069	0.1677332	0.48278	-2.07133	1.84289	7.15869	3.45289	1
cg02145048	RAF1;RAE1;RAE1		0.20076		0.9913241	0.959201	-1.05212	0.2772161	1.176361	1.176361	0.8077767	1.03571	1.03571	0.2652787	1.18302	1.18302	0.0529895	0.728657	-1.37239		0.0953741	0.768166	1.30158	0.6031857	1.07872	1.07872	0.4479512	1.12065	1.12065	0.1145406	2.24565	1.84288	0.6048825	0.2917129	1
cg06364458	AFOP;AFOP		0.20076		0.0960628	0.157828	-6.79267	0.3388161	0.134809	-7.41509	0.1318809	0.1818	0.1818	0.0533101	0.053303	0.8765111	0.951472	1.05203	-1.90434		0.5399447	0.8206	1.2206	-1.21947	0.5373441	0.6769312	1.2206	1.2206	1.2206	0.1432	0.1477738	0.6089898	-1.64207	1.84288	2.97702	1.47593	1
cg06627354	TRPM8		0.20076		0.407908	1.3056	1.3056	0.197443	1.53601	1.53601	0.0398118	2.11416	2.11416	0.361414	0.74413	-1.3485	0.2614124	1.50974	1.50974		0.21864	1.50318	1.50318	0.06248	1.193569	1.193569	0.737015	1.11201	1.11201	0.4707177	0.7936251	-1.26205	1.84287	2.89633	1.39702	1
cg14460564	SIGMAR1;SIGMAR1		0.20077		0.88226	0.76878	-1.30107	0.2326776	0.7.3.1	1.0.5.4.8	0.4.3.8.8	1.4.3.8.8	1.4.3.8.8	0.3.4.5.6.3	1.4.3.8.8	1.4.3.8.8	0.3.4.5.6.3	1.4.3.8.8	1.4.3.8.8		0.1.4.3.1.4	0.4.9.5.2.6.3	0.4.9.5.2.6.3	1.0.0.2.7.2	0.3.2.0.7.7.5	0.6.9.0.0.3.8	1.4.0.4.2	1.4.0.4.2	0.6.8.0.1.3.0.7	0.6.5.7.5.5.9	1.0.2.5.8.6.6	0.5.7.5.5.9	1.0.3.5.4.7	1
cg16897608	GLIS1		0.20077		0.5396461	0.827346	-1.20868	0.0488613	1.98686	1.98686	0.746786	1.10393	1.10393	0.512821	0.816618	-1.22456	0.0843079	0.558295	-1.79117		0.9197654	0.9697151	-1.03123	0.165027	1.57151	1.57151	0.1434841	1.61576	1.61576	0.9666841	0.9873331	-1.01283	1.84286	2.71902	1.3115	1
cg16408670	SNORD116-5;SNORD116-7		0.20078		0.505881	1.21389	1.21389	0.4245532	0.418683	-2.38844	0.9606868	0.98601	-1.01419	0.3999904	1.28075	1.28075	0.7795682	0.92263	-1.08386		0.5780204	1.0838	1.0838	0.1850767	0.7961139	-1.25607	0.4161517	0.5904479	-1.69354	0.5507614	0.6018384	-1.44531	1.84285	3.1455	1.52007	1
cg11255208	ATXN7L3;ATXN7L3		0.20075		0.402136	0.710174	-1.40811	0.100217	0.25205	0.25205	0.474638	1.33671	1.33671	0.678881	1.18077	1.18077	0.0220161	0.334092	-2.99319		0.3261666	0.667226	-1.49874	0.316378	0.6613671	-1.51202	0.954324	0.9777397	-1.02313	0.5841033	0.8020217	2.14686	1.84284	6.64974	2.24279	1
cg20871826	CAMKK1;CAMKK1;CAMKK1		0.20077		0.923425	1.04046	1.04046	0.0786637	2.23841	2.23841	0.846708	1.08313	1.08313	0.0454226	0.388013	-2.57724	0.680037	1.1866	1.1866		0.3576114	1.47744	1.47744	0.170357	1.82654	1.82654	0.931771	1.03596	1.03596	0.2018954	0.5735526	-1.7436	1.84283	4.96795	2.39629	1
cg02775698	FCHSD2		0.20078		0.150186	0.59796	-1.67256	0.41299	0.7.4.2.3	1.0.2.9.2	0.2.8.4.6.8	1.3.0.8.4	1.3.0.8.4	0.3.7.3.4.0.8	1.3.0.1.4	1.3.0.1.4	0.3.7.9.4.0.2	1.4.1.7.3.9	1.4.1.7.3.9		0.3.4.0.4.4	1.3.4.8.2.6	1.3.4.8.2.6	0.3.4.1.0.9	1.3.1.6.0.6	1.3.1.6.0.6	0.3.1.9.5.8.2	1.4.9.8	1.4.9.8	0.3.2.6.5.4.2	1.3.0.1.4	1.4.9.8	1.8.4.2.8.3	0.9.2.2.4	1.3.0.1.4	1
cg12065442	TRIM17;TRIM17;TRIM17;TRIM17		0.20078		0.0968717	0.411681	-2.42906	0.763398	0.863272	-1.15838	0.501233	0.71717	-1.39437	0.4985949	0.71563	-1.39737	0.0225074	0.265549	-3.76578		0.0917149	0.404837	-2.47013	0.0468831	0.3308132	0.28182	0.0472202	0.64945	-1.53976	0.2505933	0.557296	-1.79438	1.84283	6.92214	3.3389	1
cg08169875	LIRT4		0.20079		0.2929357	0.7.5.6.3.6.1	0.7.5.6.3.6.1	0.7.3.1.6.3.1.1	0.2.5.4.2	0.4.6.5.6.5	0.1.0.7.8.9.8	0.1.0.7.7.2.8	0.1.0.7.7.2.8	0.1.6.9.0.6.7.9	0.1.0.0.7.7.7	0.1.0.0.7.7.7	0.1.5.5.0.0.9	0.1.4.8.3.7.9	0.1.4.8.3.7.9		0.5732631	0.9.0.1.5.0.1	0.9.0.1.5.0.1	0.3.9.8.4.1.1	0.7.4.5.6.4	0.7.4.5.6.4	0.2.1.3.8.8.6.4.3	1.4.0.9.2.2	1.4.0.9.2.2	0.1.3.1.8.9.0.3.3	0.7.6.2.2.6	1.4.0.9.2.2	1.8.4.2.8.2.7	0.6.6.0.2.9.8	0.7.6.2.2.6	1
cg02931247	C1RL		0.20078		0.0926531	0.230359	-4.34105	0.898181	0.903418	-1.10691	0.44132	0.536361	-1.86441	0.526732	0.601163	-1.66344	0.0576747	0.182149	5.49001		0.2377233	0.374823	-2.66793	0.0385961	0.1494339	-6.69168	0.0598237	0.185465	-5.39186	0.1556331	0.299571	-3.3381	1.84281	18.3721	8

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 1047)	p-value(111T vs. N)	Fold-Change(111T vs. 1047)	p-value(112T vs. N)	Fold-Change(112T vs. 1047)	p-value(121T vs. N)	Fold-Change(121T vs. 1047)	p-value(347T vs. N)	Fold-Change(347T vs. 1047)	p-value(437T vs. N)	Fold-Change(437T vs. 1047)	p-value(533T vs. N)	Fold-Change(533T vs. 1047)	p-value(537T vs. N)	Fold-Change(537T vs. 1047)	p-value(563T vs. N)	Fold-Change(563T vs. 1047)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13122195	TRPM5		0.20097		0.175301	0.553509	-1.80665	0.373988	0.41452	1.01452	0.0257047	0.336097	-2.96773	0.28502	0.633852	-1.57765	0.140495	0.521522	-1.91747	0.724945	0.863331	-1.1583	0.652026	0.829427	-1.20565	0.826184	0.538563	-2.95366	0.574545	0.792251	-1.26223	1.8419	4.91754	2.37317	
cg11923724	CARD10		0.200975		0.384633	1.28746	1.28746	0.0912813	0.590272	-1.69413	0.633423	0.872675	-1.1459	0.957988	0.894593	-1.11783	0.0458023	0.52258	-1.91358	0.45178	1.24272	1.24272	0.102646	0.602774	-1.659	0.754545	1.09297	1.09297	0.137264	0.635274	-1.57412	1.84188	2.34385	1.13114	
cg21117965	SPEG		0.200978		0.9706	1.02138	1.02138	0.5682511	1.392552	1.39252	0.0493839	3.62396	3.62396	0.346956	1.74367	1.74367	0.653997	0.771815	-1.29565	0.531221	0.694804	-1.43925	0.0412683	0.2588333	-3.86349	0.2674988	0.5152224	-1.94091	0.5689744	0.718579	-1.39164	1.84187	9.61446	4.63996	
cg19143196	GPD1L		0.200978		0.34081	0.576293	-1.73523	0.0921055	2.832083	2.83283	0.126978	2.52624	2.52624	0.393306	1.633884	1.63388	0.307932	0.809532	-1.23528	0.561309	1.39065	1.39065	0.120938	0.388984	-2.5708	0.958788	0.9714044	-1.02944	0.1220206	0.390211	-2.56272	1.84187	9.19556	4.4378	
cg03611487	LOC100128784;NAV2;NAV2;NAV2		0.200978		0.0933359	0.173486	-5.76416	0.1929079	3.69671	3.69671	0.710174	1.42511	1.42511	0.127029	0.208843	-4.78228	0.942822	0.934194	-1.07044	0.622322	0.624277	-1.60185	0.127127	0.208942	-4.78602	0.274695	0.34009	-2.9404	0.0606441	0.134351	-7.44317	0.84187	26.2715	12.6787	
cg23669517	CCSCR4		0.200984		0.61775	0.926224	-1.07955	0.383436	1.14584	1.14584	0.207304	1.24254	1.24254	0.0567689	0.720039	-1.38881	0.132569	0.78062	-1.28046	0.252863	0.833666	-1.19952	0.341423	0.861287	-1.16105	0.137996	0.784043	-1.27544	0.507698	1.1078	1.84184	0.676863	0.326661	
cg05080926	TCF19;TCF19		0.200992		0.897528	0.974396	-1.02628	0.0512462	0.63963	-1.5634	0.142492	0.728067	-1.3735	0.174776	1.33717	1.33717	0.184304	1.32777	1.32777		0.339707	0.820294	-1.21907	0.377243	1.20009	1.20009	0.966889	0.991678	-1.00839	0.3135588	0.818097	-1.22235	1.8418	1.18214	0.570526	
cg01111823	SLC16A8		0.200994		0.0885627	2.56507	2.56507	0.0593798	2.906886	2.906886	0.521174	0.721782	-1.38546	0.0698706	0.276297	2.76297	0.573507	1.32616	1.32616		0.42054	1.51073	1.51073	0.0446261	1.17724	1.17724	0.391898	1.55239	1.55239	0.327577	1.6598	1.6598	0.184179	7.33278	3.55896	
cg13496838	PAX3;PAX3;PAX3		0.200995		0.388444	0.560511	-1.78409	0.0095236	0.116382	-8.59243	0.0653386	0.257964	-3.87651	0.958323	1.03482	1.03482	0.525006	0.655817	-1.52482	0.896956	0.918641	-1.08856	0.335752	0.521996	-1.91572	0.590002	0.700281	-1.428	0.720193	1.26564	1.26564	1.84178	12.5123	6.03874	1
cg21322149	SENP7;SENP7;SENP7;SENP7		0.200995		0.0839315	0.659509	-1.51693	0.0164879	1.14217	1.14217	0.133707	1.33262	1.33262	0.124402	0.248228	0.7917564	0.0172592	1.25982	0.952529	0.580667	-1.72045	0.655611	1.08969	1.08969	0.0534626	0.837465	1.25353	0.558134	1.11999	1.11999	0.184178	1.0868	0.515445	1	
cg06380879	SPNS2;MYBBP1A;MYBBP1A		0.201007		0.837056	1.10216	1.10216	0.779712	1.14161	1.14161	0.0174531	0.922634	0.922634	0.75101	1.16225	1.16225	0.244268	0.562493	-1.7778	0.287567	1.12216	1.12216	0.279177	0.211578	0.51068	0.195539	1.909	1.909	0.800301	0.887167	-1.12718	1.84173	6.50743	3.14074	1
cg06454895	SLC39A5;SLC39A5		0.201008		0.542584	0.90199	-1.10936	0.4536028	0.888288	1.12576	0.387036	0.837462	1.1475	0.998305	1.00031	1.00031	0.29775	0.842396	-1.18148	0.586358	1.14176	1.14176	0.0454461	1.42752	1.42752	0.393398	0.942337	-1.06155	0.1675147	0.795717	-1.25623	1.84172	0.702309	0.338953	1
cg13606531	TTLL7		0.201010		0.174569	2.67123	2.67123	0.0373143	5.18834	5.18834	0.139131	2.56361	2.56361	0.134154	0.00125	0.00125	0.503958	1.58463	1.58463		0.968072	1.02761	1.02761	0.335096	0.508487	-1.96662	0.125227	0.09277	0.09277	0.122531	3.12218	3.12218	1.84171	13.5024	6.51685	
cg25310097	ARHGAP24;ARHGAP24;ARHGAP24		0.201014		0.541062	0.664034	-1.50595	0.282824	2.02603	2.09263	0.39145	0.559341	-1.78782	0.786939	0.835885	-1.19634	0.0121075	0.15934	-6.27588	0.369961	0.543774	-1.839	0.0426446	0.215246	-4.64672	0.862877	1.12119	1.12119	0.753346	0.81731	-1.23193	1.84169	12.771	6.16389	
cg01307115	YDJC		0.201017		0.0848245	0.486619	-2.05923	0.1782447	1.76965	1.76965	0.0178655	0.668785	-1.49526	0.1577	1.77281	1.77281	0.312126	0.416667	-2.42927	0.551115	0.795668	-1.25662	0.0306665	0.1033953	1.03353	0.0652739	0.455427	-2.19093	0.184168	4.1897	0.672663	0.326661	1
cg16076930	ATXN1L;ATXN1L		0.201022		0.4086	1.24699	1.24699	0.0917992	0.615835	-1.62381	0.223811	0.716222	-1.39621	0.457407	1.21852	1.21852	0.695204	1.10831	1.10831		0.147676	1.50332	1.50332	0.066205	1.71283	1.71283	0.390791	1.25815	1.25815	0.504462	0.837869	-1.1935	1.84165	1.98938	0.960191	1
cg03163732	HRH1		0.201024		0.15592	0.679509	-1.47165	0.3188664	1.26979	1.26979	0.262151	1.34661	1.34661	0.559584	0.860562	-1.16203	0.173718	0.691857	-1.44539	0.0445084	0.55585	-1.79905	0.989887	0.998772	-1.00121	0.206539	1.40367	1.40367	0.694655	0.904465	-1.10563	1.84165	1.8895	0.911988	1
cg21443889	TRAF1		0.201026		0.2650015	0.533152	-1.87564	0.232732	1.969	1.969	0.134295	2.89702	2.89702	0.197021	0.348779	0.593717	-1.68584	0.129229	0.411667	-2.42927	0.653405	1.27727	1.27727	0.0772293	0.259635	0.95634	0.0450994	0.1520763	0.764839	0.850079	-1.17636	1.84163	8.5504	4.12696	1
cg14602087	ZNF703		0.201027		0.0559623	0.0994474	-10.0556	0.381418	0.384027	-2.60398	0.898826	0.873187	-1.14523	0.187129	0.225251	-4.43949	0.208903	0.243627	-4.10464	0.247639	0.275666	-3.62757	0.0505246	0.09294	-10.7596	0.0531274	0.0906825	-10.4077	0.0871427	0.133493	-7.49104	1.84163	33.1481	15.9994	1
cg13828375	HNRNPK;NRNPK;HNRNPK		0.201028		0.297632	0.425783	-2.34861	0.1334722	2.63788	2.63788	0.227306	0.72478	-1.37974	0.172474	0.72478	0.72478	0.172474	1.33051	1.33051	0.210481	-4.75041	0.375642	0.482043	-2.05326	0.0286304	0.215505	-4.64026	0.758283	0.755344	-1.33095	0.547922	0.618285	-1.61758	0.83163	1.82379	0.802821	1	
cg09259772	AR;4A;AR1;4A;AR;4A		0.20103		0.181792	0.340115	-2.94018	0.127823	3.49983	3.49983	0.459722	1.77316	1.77316	0.189473	2.87942	2.87942	0.100668	0.254561	-3.92833	0.22638	2.62881	2.62881	0.335502	0.469686	-2.12908	0.315078	2.20438	2.20438	0.839199	0.856758	-1.16719	1.84162	16.8871	8.15085	1
cg17422824	C4ORF32;C4ORF32;C4ORF32;

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cg19534297	RFX4;RFX4	0.20132	0.528393	0.720242	-1.3171	0.0124826	-1.38768	0.13946	0.508866	-1.98465	0.816772	0.90481	-1.1952	0.226195	0.578273	-1.72929	0.177197	0.538932	-1.85552	0.435517	0.409713	-1.40902	0.1082565	0.460934	-2.12796	0.749418	1.14811	1.14811	1.84622	5.41398	2.61513	1
cg02100828	PSME4	0.20134	0.456753	0.900267	-1.11078	0.569609	1.08292	1.08292	0.891617	0.981279	-1.01908	0.361362	0.800509	-1.2492	0.146725	0.805805	1.241	0.774504	0.960964	-1.04062	0.638705	0.936547	-1.06775	0.25996	1.17691	1.17691	0.0310641	1.42029	1.42029	1.84021	0.560064	0.270532	1
cg25458147	SRPX;SRPX;SRPX4	0.20134	0.944533	1.05143	1.05143	0.4411346	5.46521	5.46521	0.0445828	5.27175	5.27175	0.94714	1.04895	1.04895	0.152138	0.330963	-3.02149	0.759112	0.801156	-1.2482	0.427276	0.55753	-1.79362	0.858962	0.879671	-1.13679	0.719807	0.771327	-1.29647	1.84021	15.1423	7.31432	1
cg19594840	ZDHHC14;ZDHHC14	0.20138	0.592146	1.40664	1.40664	0.924229	1.06186	1.06186	0.633624	0.738626	-1.35386	0.0875535	1.28286	1.28286	0.402729	1.66297	1.66297	0.0405739	0.224914	-4.44667	0.478971	0.635014	-1.57477	0.117751	2.92067	2.92067	0.4721	1.58641	1.58641	0.140219	11.6019	5.60421	1
cg24606964	ADIPOR2	0.20134	0.311722	2.93997	2.93997	0.737749	0.712189	-1.40412	0.191608	0.235296	-4.24997	?	?	?	?	0.32689	2.83342	2.83342	0.716092	1.46638	1.46638	?	?	?	0.221816	0.262538	-3.80897	0.0445964	0.0776749	-12.8742	2.19924	25.2419	8.19823	1
cg20142811	ERAP1;ERAP1	0.20134	0.0924422	0.562756	-1.77697	0.1920218	0.651368	-1.53523	0.9753671	0.990442	-1.00963	0.812525	1.07654	1.07654	0.0134584	1.388631	1.388631	-2.58511	0.949712	1.01977	1.01977	0.818224	0.931034	-1.07407	0.98294	1.00666	1.00666	0.3894648	1.31488	1.31488	1.84013	2.808804	1.35645	1
cg00962125	PSME2;RNF31	0.20134	0.244623	0.74875	-1.33556	0.2333	1.34593	1.34593	0.0319989	1.81719	1.81719	0.698373	1.09699	1.09699	0.623128	0.88892	-1.12496	0.439256	1.20627	1.20627	0.112678	0.663321	-1.50757	0.821404	1.05522	1.05522	0.432561	0.826629	-1.20973	1.84012	1.64698	0.795587	1
cg14822851	TBX4	0.20134	0.0485221	0.90585	0.958561	0.610869	1.14908	1.14908	0.143019	0.831916	1.2501	1.2501	0.793236	1.29183	1.29183	0.129122	5.0921	5.0921	0.986611	1.01649	1.01649	0.188493	0.25712	-3.88924	0.0701925	7.10296	7.10296	0.1363574	4.73933	4.73933	1.84009	27.6914	13.3768	1
cg26535905	FAM83E;SPACA4	0.20135	0.226679	0.6204	-1.61186	0.647093	0.842009	-1.18764	0.137513	0.547972	-1.82491	0.896315	1.30207	1.30207	0.0180188	0.339367	-2.94667	0.181366	0.586466	-1.70513	0.152717	0.562132	-1.77894	0.222653	0.617564	-1.61927	0.911359	1.04277	1.04277	0.184226	1.99129	1	
cg25131604	LFNG	0.20135	0.794455	0.941811	-1.06178	0.445928	1.19531	1.19531	0.291153	0.77762	-1.28598	0.193965	0.729379	-1.37103	0.854533	0.958735	-1.04304	0.052922	1.65716	1.65716	0.0470631	1.68512	1.68512	0.925154	1.02181	1.02181	0.543751	0.868396	-1.15155	1.84008	1.5365	0.742236	1
cg24252614	MIER3	0.20135	0.883272	1.0352	1.0352	0.140755	1.38578	1.38578	0.1838842	1.96145	1.96145	0.663948	1.10843	1.10843	0.564191	1.1715	1.1715	1.72415	0.91185	1.07425	1.07425	0.189829	0.10193	-9.81112	0.0115965	0.68369	-1.45372	0.153585	1.43701	1.43701	1.84006	1.61622	0.780758	1
cg04163916	OPP9	0.20135	0.287677	0.652923	-1.53157	0.437147	0.35811	1.35811	0.291657	1.52581	1.52581	0.210238	0.600576	-1.66507	0.309336	1.50122	1.50122	?	?	?	?	?	?	?	0.221818	0.225137	0.611406	-1.63557	1.8497	3.88324	2.09938	1
cg07053873	SIDT2;SIDT2	0.20155	0.527206	0.849056	-1.17778	0.244616	0.902424	-1.10789	0.560226	0.508505	-1.96947	0.967613	0.989683	-1.01042	0.33641	2.97209	2.97209	0.811522	0.93769	-1.06645	0.202947	0.709428	-1.40919	0.167258	1.45648	1.45648	0.0446342	0.554947	-1.80197	1.84006	1.90122	0.918437	1
cg17412651	B4GALNT3	0.20157	0.9455	0.975935	-1.02466	0.435102	1.32809	1.32809	0.1439668	0.693193	-1.4426	0.997984	0.9991	-1.0009	0.6084393	0.804433	-1.26854	0.766009	0.9369	1.1122	1.1122	0.0576445	2.14875	2.14875	0.310395	0.687984	-1.45352	0.127299	0.555689	-1.79957	1.84005	3.6998	1.7873	1
cg25401219	ANKS1B	0.20158	0.834943	0.967113	-1.03401	0.655334	0.930527	-1.07466	0.280468	0.835438	-1.19698	0.966816	0.993355	-1.00669	0.1635	0.774453	-1.29123	0.71347	1.06089	1.06089	0.0158299	1.60596	0.398157	0.870537	-1.14872	0.493914	0.894635	-1.11777	1.84005	0.748547	0.361608	1	
cg11597157	KIF7	0.20159	0.0863792	2.049143	-0.49377	0.154605	0.31121	-3.21326	0.0938959	0.577278	-1.73205	0.499937	0.591778	-1.68982	0.0825139	2.229147	4.36402	0.0634316	2.190015	-5.02474	0.0454218	0.17238	-5.80115	0.808392	0.83016	-1.20459	0.274447	0.418444	-2.38981	1.84004	17.1056	8.26341	1
cg04125478	DDX58	0.20166	0.500436	1.17192	1.17192	0.410171	0.822538	-1.21575	0.234106	1.33552	1.33552	0.709162	0.916764	-1.09079	0.770455	1.07022	1.07022	0.0336011	0.562295	-1.77843	0.063799	0.616743	-1.62142	0.800918	0.943077	-1.06036	0.183502	0.730853	-1.38725	1.84001	1.56787	0.757425	1
cg16202738	HOPX;HOPX;HOPX;HOPX;HOPX	0.20169	0.170216	2.41384	2.41384	0.565474	1.42447	1.42447	0.175698	2.40313	2.40313	0.210605	2.23282	2.23282	0.094186	3.06091	3.06091	0.220903	2.18937	2.18937	0.0613405	3.61063	3.61063	0.0569309	4.40221	4.40221	0.0762508	3.23379	3.23379	1.83999	10.8053	5.21999	1
cg07153966	HOXA3;HOXA3;HOXA3	0.20172	0.0486731	2.35766	-2.3766	0.376277	1.683992	1.683992	0.550229	2.38232	2.38232	0.326224	4.28745	4.28745	0.0605805	20.8176	20.8176	0.655631	1.90524	1.90524	0.716106	1.68964	1.68964	0.0306085	38.4031	38.4031	0.0835737	15.6488	15.6488	1.83997	60.1027	29.0355	1
cg27656592	VSNL1	0.20174	0.465755	1.16913	1.16913	0.118806	1.4282	1.4282	0.0111348	1.95401	1.95401	0.995818	1.0011	1.0011	0.243848	1.29264	1.29264	0.928677	1.01902	1.01902	0.0893473	1.4834	1.4834	0.321164	1.24081	1.24081	0.78336	1.05973	1.05973	1.83997	1.29137	0.623861	1
cg14539075	ATP1D0	0.20187	0.625916	0.8152	-1.19783	0.294142	1.35512	1.35512	0.286364	1.50056	1.50056	0.727172	1.39913	1.39913	0.249959	1.50163	1.50163	0.0203	0.0203	-49.2609	0.0203	0.0203	-49.2609	0.0203	1.97642	1.97642	0.479055	1.80155	1.80155	0.64138	1.18761	1.8997	1.89162	1
cg20451636	DMWD	0.20189	0.876564	1.03674	1.03674	0.313636	2.03051	2.03051	0.209857	1.35902	1.35902	0.37233	1.06835	1.06835	0.15862	0.704872	-1.4187	0.279386	1.29828	1.29828	0.748372	1.07757	0.334251	1.26007	1.26007	0.949957	0.985537	-1.01468	1.8399	1.5701	0.758544	1
cg21758672	AGAP1;AGAP1	0.20189	0.3639179	2.03568	-1.96481	0.179733	1.34355	1.34355	0.0458151	1.66562	1.66562	0.0965025	1.69347	1.69347	0.0676613	1.48202	1.48202	0.0508802	0.807073	-1.23901	0.0508802	0.807073	-1.23901	0.0508802	0.807073	-1.23901	0.0508802	0.807073	-1.23901	1.83997	0.878637	0.904479	-1.10454	1.8399	1.26326	1.77488	1
cg09042577	MCAM	0.20193	0.998949	0.999305	-1.0007	0.299214	0.566612	-1.76488	0.0265033	0.249384	-4.00989	0.715385	0.824193	-1.21331	0.881335	0.924161	-1.08206	0.0609454	0.327862	-3.05006	0.0680744	0.339999	-2.94119	0.903669	1.06602	1.06602	0.548463	1.37794	1.37794	1.83988	8.12332	3.92457	1
cg12040203	CACNA1E	0.20196	0.840343	0.97049	-1.03041	0.102513	1.30366	1.30366	0.0745473	0.952781	-1.04956	0.863244	0.974723	-1.02593	0.955152	0.868367	-1.15159	0.052406	1.38761	1.38761	0.742536	1.0501	0.15017	0.95654	0.982546	-1.01776	0.4547201	0.723566	-1.38204	1.83986	0.642622	0.310469	1
cg10536462	GAK	0.20197	0.205624	1.49101	-1.44143	0.61377	0.154605	1.55419	0.0135476	1.31276	1.31276	0.0144353	1.6237	1.6237	0.0109552	1.73283	1.73283	0.0614316	1.09105	-1.02474	0.0454218	0.17238	-5.80115	0.808392	0.83016	-1.20459	0.274447	0.418444	-2.38981	1.84004	17.1056	8.26341	1
cg26586685	EPB42;EPB42	0.20406	0.778295	0.934988	-1.06953	0.262022	0.756886	-1.3212	0.236576	1.3436	1.3436	0.0777322	0.626939	-1.59505	0.047125	0.582132	-1.71782	0.259617	0.75573	-1.32322	0.386803	1.23525	1.23525	0.991499	1.00254	1.00254	0.418732	1.21748	1.21748	1.83982	1.65274	0.798503	1
cg11153610	PDZD4	0.20406	0.138606	1.72376	-1.21376	0.2339004	0.642664	-1.5237	0.0744308	0.405538	-2.46511	0.0356545	0.793353	-1.13275	0.31834	1.14638	1.14638	0.0400996	0.0853183	-11.7206	0.0400996	0.0853183	-11.7206	0.0400996	1.44124	1.44124	0.0693881	0.729561	-1.37048	1.83981	0.318398	0.168373	1
cg08591859	LRP5L;LRP5L	0.20411	0.216128	0.599458	-1.66817	0.0420106	0.398051	-2.51224	0.22619	0.606777	-1.64805	0.137179	0.532914	-1.87648	0.0503457	0.416033	2.40365	0.109575	0.50145	-1.98629	0.493941	1.31402	1.31402	0.577448	0.801851	-1.24764	0.342286	0.680682	-1.46911	1.83979	0.50336	0.217578	1
cg16624076	KIFC1;KIFC1	0.20413	0.79179	1.07646	1.07646	0.627769	1.12558	1.12558	0.851395	0.949116	-1.05361	0.878678	0.95666	-1.0453	0.00501143	0.355588	-2.81224	0.676261	0.889636	-1.12406	0.664054	0.885421	-1.12941	0.599295	1.1591	1.1591	0.976984	1.00807	1.00807	1.83978	2.25955	1.0917	1
cg00600275	MIAT	0.20415	0.194485	1.82707	-1.20707	0.0966228	1.29338	1.29338	0.106708	1.74916	1.27316	0.317886	1.76758	1.27316	0.317886	1.76758	1.27316	0.317886	1.76758

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
ge21650765	ZNF539	0.201699	0.327644	0.835303	-1.21168	1.689627	0.1804	1.0804	0.110342	1.391441	1.39141	0.64502	0.915626	-1.09215	0.26977	1.803829	-1.24405	0.0382578	0.633628	-1.57821	0.153154	0.746766	-1.31911	0.3706737	0.757862	-1.31935	0.630245	0.911929	-1.09658	1.83841	1.05129	0.508309	1
ge00754947	GRB10	0.201701	0.486129	1.3238	1.3238	0.883877	0.943718	-1.05964	0.129044	1.91582	1.91582	0.857494	1.07384	1.307184	1.07384	1.307184	1.44258	1.44258	0.4640647	1.34363	1.34363	0.85684	0.933926	-1.0742	0.00804723	3.84066	3.84066	0.188528	1.73712	1.73712	1.8384	4.57436	2.21175	1
ge21584104	FCH;FCH	0.201706	0.552605	0.8429	-1.18638	0.235818	1.423393	1.423393	0.623218	1.15127	1.15127	0.505609	1.21186	1.21186	0.39097	0.778762	-1.28409	0.896285	0.963578	-1.0378	0.0282087	2.08999	2.08999	0.718571	0.902173	-1.10844	0.07872113	0.573805	-1.74275	1.83838	2.3563	1.13931	1
ge25824236	SPAG16	0.201708	0.178281	1.16231	1.16231	0.254682	0.47251	4.77251	0.375586	0.70788	1.70788	0.708071	0.801393	-1.24783	0.262859	0.503035	-1.98793	0.5515501	0.701443	-1.42555	0.852205	0.115693	1.11603	0.0487822	3.76057	3.76057	0.604872	1.35965	1.35965	1.83836	10.087	4.87732	1
ge21869951	CDC20	0.201712	0.24328	0.75171	-1.33019	0.998608	0.999593	-1.00041	0.729486	0.922079	-1.08451	0.631239	0.613568	-1.62981	0.631143	0.89311	-1.11968	0.112545	0.667844	-1.49736	0.0181723	0.511594	-1.95467	0.113767	0.668915	-1.49496	0.422083	0.825604	-2.12123	1.83835	1.58999	0.768799	1
ge02399570	CCNL1	0.201713	0.0678442	0.486672	-2.05477	0.590371	1.21087	1.21087	0.992223	0.996574	-1.00344	0.0441498	2.25729	2.25729	0.210051	0.628075	-1.59217	0.248061	1.53173	1.53173	0.536564	0.80224	-1.24651	0.45186	0.763474	-1.3098	0.939265	0.973526	-1.02719	1.83835	3.60951	1.74529	1
gi24880787	SLITRK2;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.201713	0.106656	0.112285	-8.90592	0.559112	0.0679974	-14.7065	0.666089	1.712	1.712	0.0708471	12.2489	12.2489	0.506824	2.30712	2.30712	0.258981	0.231799	-4.31409	0.504978	0.431822	-2.31577	0.658837	0.576052	-1.73596	0.806707	0.737642	-1.35567	1.83834	44.8629	21.6924	1
gi03169843	TNXB	0.201721	0.44239	1.12352	1.12352	0.559452	1.09173	1.09173	0.865337	0.975076	-1.02556	0.363842	1.14885	1.14885	0.328657	1.16174	1.16174	1.16174	0.121256	1.2838	1.2838	0.144031	1.26288	1.26288	0.0980814	0.763511	-1.30974	0.1125578	0.773478	-1.29286	1.83831	0.643785	0.3112294	1
gi16892887	RPTOR;RPTOR	0.201722	0.98633	1.03803	-1.21168	1.689627	1.78375	1.78375	0.375409	1.37142	1.37142	1.39141	0.64502	0.915626	-1.02915	0.867777	-1.60929	0.7122929	0.633628	-1.57821	0.153154	0.746766	-1.31911	0.3706737	0.757862	-1.31935	0.630245	0.911929	-1.09658	1.83841	1.05129	0.508309	1
gi09478862	ST3GAL5	0.201725	0.107429	0.776577	-1.2877	2.038088	1.19464	-1.19464	0.033955	1.42799	1.42799	0.573736	1.08524	1.083524	0.533277	1.09506	1.09506	0.609936	1.07686	1.07686	0.236929	1.19522	1.19522	0.425051	0.880337	-1.14238	0.218929	1.20451	1.20451	1.83829	0.602987	0.291569	1
gi05302036	RGS16	0.201728	0.693278	0.891138	-1.12216	0.723714	0.901949	-1.10871	0.40512	0.780626	-1.28102	0.0390648	2.00255	2.00255	0.463105	0.804805	-1.24254	0.0446812	1.95454	1.95454	0.664048	1.13549	1.13549	0.271481	0.716881	-1.39493	0.727687	1.10698	1.10698	1.83828	2.46123	1.19012	1
gi16101572	219	0.201731	0.71758	0.924536	-1.08162	0.203481	1.33637	1.33637	0.422015	1.19384	1.19384	0.122377	1.4357	1.4357	0.673726	0.818678	-1.22148	0.432801	0.841206	-1.18877	0.0339963	1.70676	1.70676	0.109388	1.45801	1.45801	0.767444	1.06616	1.06616	1.83826	1.35854	0.656923	1
gi02523241	ATP2B2;ATP2B2	0.201732	0.486804	1.37294	-1.56934	1.010254	1.13743	1.13743	0.183867	1.46065	1.46065	0.18163	0.947307	1.470643	0.527954	1.510021	1.51002	0.576936	1.43428	1.43428	0.217273	2.28864	2.28864	0.990185	1.00788	1.00788	0.368707	0.554955	-1.80395	1.83826	11.844	5.72717	1
ge04258124	CCDC19	0.201735	0.107313	0.510029	-1.96067	0.620845	0.826136	-1.21045	0.0625585	0.44807	-2.23179	0.195427	0.591848	-1.68962	0.02035	0.342614	-2.91873	0.213643	0.605563	-1.65136	0.815089	1.09389	1.09389	0.624613	0.827865	-1.20793	0.202676	0.597396	-1.67393	1.83824	4.27168	2.06559	1
gi13473280	BCD2;BCD2	0.201736	0.945326	0.986476	-1.01371	0.252102	1.16241	1.26812	0.525148	0.87999	-1.13638	0.167219	0.746637	-1.33934	0.0766072	0.674041	-1.47841	0.612905	0.903668	-1.1066	0.414814	1.17998	1.17998	0.0714655	1.49059	1.49059	0.279087	0.799771	-1.25036	1.83824	1.14765	0.554052	1
gi11794440	CLCN6	0.201742	0.948827	0.989528	-1.01125	0.255551	0.769443	-1.29964	0.572453	1.14175	1.14175	0.241288	1.13415	1.13415	0.243288	0.763691	-1.31054	0.0705065	0.525933	-1.90138	0.147795	1.38326	1.38326	0.369025	0.991188	-1.00889	0.656045	0.90576	-1.10405	1.83821	1.43049	0.686386	1
gi27063372	NHLRC4	0.201744	0.396994	1.44992	1.44992	0.628866	0.811708	-1.23197	0.108129	0.471963	-2.11881	0.120095	0.485644	-2.05912	0.8614	0.927878	-1.07773	0.643743	1.22077	1.22077	0.060722	2.47362	2.47362	0.13592	0.50242	-1.99037	0.670339	0.83242	-1.20132	1.8382	5.34165	2.58304	1
gi16517367	KCN16;KCN16	0.201745	0.95455	1.02061	-1.02045	0.340092	1.16241	-1.4037	0.0563587	0.464194	-2.15427	0.864939	0.483376	-2.06737	0.406227	1.55229	1.55229	0.515661	1.26379	1.26379	0.110684	1.85401	1.85401	0.76302	1.11339	1.11339	0.940889	1.02669	1.02669	1.83819	3.67276	1.77602	1
gi13534892	FLOT1	0.201746	0.81632	0.956901	-1.04504	0.9342	0.984487	-1.01576	0.405188	0.851074	-1.17499	0.863022	1.03324	1.03324	0.204372	1.28865	1.28865	0.275335	1.23971	1.23971	0.0804093	1.90201	1.90201	0.931837	1.01633	1.01633	0.791685	1.0514	1.0514	1.83819	1.04372	0.504712	1
gi16082336	FLI1;ISG17	0.201749	0.361872	1.44944	1.44944	0.645736	1.3311	1.3311	0.0144	1.12461	1.12461	0.0854	1.24548	1.24548	0.0872222	1.14033	1.14033	0.473408	0.898253	-1.11344	0.0795792	0.836749	-1.1951	0.0870995	1.00846	1.00846	0.0745281	1.34228	1.34228	1.83817	0.610111	0.309057	1
gi01082862	ZMYM5;ZMYM5;ZMYM5	0.201752	0.556767	0.859871	-1.16297	0.250867	0.737299	-1.3563	0.379159	0.795185	-1.25757	0.752934	0.92292	-1.08352	0.731818	0.916325	-1.09132	0.100595	0.63326	-1.57913	0.00878708	0.428428	-2.33412	0.815261	1.06125	1.06125	0.687342	1.10824	1.10824	1.83816	1.87846	0.908378	1
gi14099685	CUGBP1	0.201754	0.102652	0.526716	-1.89856	0.116895	0.85752	1.85724	0.28251	1.50061	1.50061	0.322782	0.689911	-1.44946	0.257046	0.650564	-1.53713	0.60291	0.826339	-1.21016	0.0582602	0.460055	-2.17365	0.920726	0.964468	-1.03684	0.419588	0.741024	-1.34948	1.83815	3.84542	1.85956	1
gi20782850	KPNA5	0.201757	0.248714	0.827194	1.20854	0.202902	0.648625	-1.54137	0.0624823	0.691497	0.555739	0.124561	1.3311	1.3311	0.0144	1.12461	1.12461	0.461004	0.893308	1.01533	0.0745037	1.04164	1.04164	0.960502	0.660951	-1.51297	0.588107	0.93987	-1.06398	0.743765	0.963191	0.374441	0.183073	1
gi07560287	FOXP4;FOXP4;FOXP4	0.201757	0.270689	0.732194	-1.36576	0.308529	0.75091	-1.33172	0.159094	0.66428	-1.50539	0.34939	0.769642	-1.2993	0.729802	0.910064	-1.09882	0.942278	1.01988	1.01988	0.0195892	2.15247	2.15247	0.512469	0.834803	-1.19789	0.688749	1.11565	1.11565	1.83813	2.15071	1.04005	1
ge14151995	KCNC1;KCNC1	0.201762	0.208933	0.777032	-1.28695	0.391806	1.18188	1.18188	0.0446135	0.644564	-1.55144	0.597265	1.00496	1.00496	0.10091	0.86112	1.03091	1.03091	1.03091	0.280512	1.23818	1.23818	0.0512243	1.51973	1.51973	0.831177	0.960152	-1.0415	0.968619	1.00752	1.00752	1.83812	1.05608	0.510004	1
gi07514608	ZNF193	0.201765	0.00946591	0.542216	-1.84428	0.812596	1.0452	1.0452	0.500098	1.1359	1.1359	0.757546	0.943089	-1.05933	0.256816	1.24647	1.24647	0.840773	1.03816	1.03816	0.578701	1.11006	1.11006	0.582936	0.901917	-1.10875	0.482605	1.14207	1.14207	1.8381	1.00882	0.487856	1
gi15564098	EVX1	0.201766	0.071803	26.8752	26.8752	0.253869	7.03585	7.03585	0.572463	0.39302	-2.5444	0.932098	0.869759	-1.14974	0.0576496	34.7667	34.7667	0.594835	0.415222	-2.40835	0.543353	0.365215	-2.73811	0.0671215	28.7892	28.7892	0.315387	5.47293	5.47293	1.83809	78.0503	37.7445	1
ge26664553	TSEN54;LGL2;LGL2;LGL2;LGL2	0.201777	0.705273	1.08668	1.08668	0.437755	1.24125	1.24125	-1.40837	0.0563587	0.464194	-2.15427	0.864939	0.483376	-2.06737	0.406227	1.55229	1.55229	0.515661	1.26379	1.26379	0.110684	1.85401	1.85401	0.76302	1.11339	1.11339	0.940889	1.02669	1.02669	1.83809	3.67276	1.77602	1
gi08350083	C21orf88;C21orf88	0.201771	0.0460544	0.463998	-2.15518	0.265599	0.67488	-1.48175	0.710275	0.882199	-1.13353	0.465284	0.779111	-1.28351	0.129888	0.577215	-1.73246	0.179528	0.619942	-1.61423	0.0243761	0.406122	-2.46231	0.124168	0.571652	-1.74931	0.997946	0.999136	-1.00086	1.83807	3.28433	1.5883	1
gi00025436	CDO1;ADCY10;A	0.201773	0.0368048	0.475303	-2.10373	0.568444	0.47109	-2.12409	0.160098	0.475433	-2.10409	0.133018	0.47533	-2.10409	0.133018	0.475433	-2.10409	0.0222264	0.454662	-2.19938	0.0222264	0.47348	0.893752	-1.11924	0.0732755	2.05405	2.05405	0.0514183	1.07574	1.07574	1.83804	0.0352455	0.0199323	1
gi05140234	KLC2;KLC2;KLC2;KLC2;KLC2	0.201775	0.455421	0.809214	-1.23577	0.0317618	0.496126	-2.01562	0.847703	0.94787	-1.055	0.248442	0.714657	-1.39927	0.101754	0.607249	-1.64677	0.874895	0.957075	-1.04485	0.243548	1.40463	1.40463	0.78159	1.08046	1.08046	0.227229	1.42332	1.42332	1.83805	2.25717	1.09158	1
gi11740103	ACTRT3;LRRC63;LRRC61	0.201779	0.202057	1.87863	1.87863	0.978671	-3.01259	0.126611	2.1674	0.26145	2.1674	0.26145	1.56504	1.56504	0.127033	2.35425	2.35425	0.0145615	4.09038	4.09038	0.104055	2.29777	2.29777	0.149562	2.06121	2.06121	0.196516	1.89506	1.89506	1.83803	6.37886	3.08468	1
	CCDC41;CCDC41;CCDC41;CCDC41;LOC																										
gi17283383	144486	0.201783	0.284667	1.98381	1.98381	0.923147	1.06092	1.06092	0.0974171	0.322768	-3.0982	0.145062	0.379226	-2.63695	7	7	7	0.839134	0.882865	-1.13268	0.0474684	0.241921	-4.13359	0.178493	0.413049	-2.42102	0.242764	0.470322	-2.1262	1.92426	0.95848	4.52833	1
gi16868572	ZBTB12	0.201784	0.3113343	1.42683	1.42683	0.621687	1.1453	1.1453	0.216387	1.44052	1.44052	0.462262	1.35406	1.35406	0.0412803	1.58626	1.58626	0.587247	1.1666	1.1666	0.0976	1.00761	1.00761	0.973157	1.4937	1.4937	0.0844813	1.69604	1.69604	1.83801	2.23387	1.07889	1
gi18131646	GLB1L2	0.201785	0.740762	0.861503	-1.16076	0.1302098	1.08278	2.08278	0.064462	2.5413	2.5413	0.526199	0.749484	-1.33425	0.0561259	0.334798	-2.98688	0.580378	0.778238	-1.28495	0.197534	0.105955	1.05955	0.815148	0.900185	-1.11088	0.663323	0.821457	-1.21735	1.838	1.86878	2.33824	1
gi22561757	SCARA3;SCARA3	0.201788	0.165118	0.444001	-2.25225	0.0278318	0.240378	-4.16011	0.0956388	0.366507	-2.72846	0.67115	0.791216	-1.26388	0.0313313	0.255156	-3.91917	0.222684	0.495257	-2.01915	0.249508	0.516873	-1.93471	0.39741	0.621787	-1.60827	0.266766	0.530217	-1.88602	1.83799	8.75307	4.23316	1
gi14248594	GAINL3	0.201789	0.539788	1.1873	1.1873	0.475619	1.13183	1.13183	0.0134	1.15406	1.15406	0.0412803	1.58626	1.58626	0.587247	1.1666	1.1666	0.0976	1.00761	1.00761	0.973157	1.4937	1.4937	0.0844813	1.69604	1.69604	0.0844813	1.69604	1.69604	1.83798	3.01	1.45571	1
gi11687679	EXOSC8;ALG5;ALG5	0.201803	0.816697	0.96176	-1.03976	0.0551196	0.44074	1.44074	0.49819	1.1224	1.1224	0.761941	0.95026	-1.05234	0.253906	1.22149	1.22149	0.162505	0.778496	-1.28453	0.718354	0.940994	-1.06275	0.0504465	1.45411	1.45411	0.273142	1.21108	1.21108	0.820814	0.396979	1
gi16578938	MGAT4B;MIR1229;MGAT4B	0.201804	0.831551	1.04242	1.04242	0.379249	1.3311	1.3311	0.0144	1.12461	1.12461	0.0854	1.24548	1.24548	0.0872222	1.14033	1.14033	0.473408	0.898253	-1.11344	0.0795792	0.836749	-1.1951	0.0870995	1.00846	1.00846	0.0745281	1.34228	1.34228	1.83797	0.610111	0.309057	1
ge24011198	GOLGA5;GOLGA5	0.201811	0.756416	0.937747	-1.06639	0.316889	1.2383	1.2383	0.656781	0.911754	-1.09679	0.370427	0.826961	-1.20925	0.971288	1.00746	1.00746	0.354126	0.821246	-1.21766	0.0266381	0.581184	-1.72063	0.0291296	0.587937	-1.70086	0.840306	0.959179	-1.04256	1.83788	1.2421	0.600742	1
gi07721440	DDX12	0.201813	0.147915	1.14668	1.14668	0.328506	0.934485	-1.09309	0.964778	0.93413	-1.03413	0.0691847	1.95631	1.95631	0.0825245	1.18855	1.18855	0.481892	1.06505	1.06505	0.92067	1.08709	1.08709	0.544916	1.04858	1.04858	0.157357	0.875195	-1.1426	0.83787	0.236235	0.109419	1
gi07668623	TDRD3;TDRD3;TDRD3	0.201815	0.12754	0.833162	-1.20026	0.460373	0.920114	-1.08682	0.864778	0.980959	-1.01945	0.689611	0.956504	1.04547	0.242717	0.867383	1.15288	0.29931	0.887667	-1.12655	0.0525535	0.744743	-1.34275	0.944973	1.13178	1.13178	0.236477	1.34731	1.34731	1.83787	0.35717	0.172746	1
gi19604110	H3F3B	0.201813	0.73175	1.16117	1.16117	0.816456	1.10624	1.10624	0.0741835	2.37274	2.37274	0.658315	1.21322	1.21322	0.305658	0.630896	-1.58505	0.498755	0.742143	-1.34745	0.177588	0.536751	-1.86306	0.0320052	2.97743	2.97743	0.996598	1.00185	1.00185	1.83787	5.48935	2.65494	1
gi04609982	RPA1	0.201817	0.797463	0.937884	-1.0668	0.248577	1.33485	1.33485	-1.10206	0.0859373	0.533378	0.0376667	1.50741	1.50741	0.0651603	1.13393	1.13393	0.641506	0.890203	-1.1234	0.0525673	1.10741	1.10741	0.549582	1.04504	1.04504	0.0466662	1.18671	1.18671	1.83785	1.37908	0.866133	1
gi02880315	MST1	0.201821	0.0995179	2.94694	2.94694	0.237398	2.09611	2.09611	0.201957	2.238	2.238	0.479989	1.5362	1.5362	0.106634	2.93076	2.93076	0.258128	2.02492	2.02492	0.226565	4.81536	4.81536	0.0685185	3.3847	3.3847	0.130961	2.65138	2.65138	1.83783	10.4059	5.03262	1
gi08524535	TBC1D9	0.201821	0.462329	0.848564	-1.17845	0.654213	1.10401	1.10401	0.954531	1.01259	-1.01259	0.476047	1.17239	1.17239	0.0249402	1.79628	1.79628	0.100912	0.8399	-1.19049	0.0803159	0.0825559	1.52447	0.144887	0.709205	-1.41003	0.518755	0.154438	1.15438	1.83783	1.40188	0.678037	1
gi04405332	ADCY10;ADCY10	0.201832	0.129994	0.566147	-1.76936	0.649602	0.17245	-2.54157	0.364126	0.975204	-1.02543	0.856487	1.06499	1.06499	0.0654757	0.487717	-2.05267	0.516316	0.795406	-1.25722	0.0213012	0.381878	-2.61864	0.328401	0.704064	-1.42103	0.160443	0.559596	-1.78645	1.83778	3.52153	1.70328	1
gi01066205	FUZ	0.201834	0.136621	2.84624	2.84624	0.0957645	0.300539	-3.32735	0.897164	1.08555	1.08555	0.0313677	5.48415	5.48415	0.113758	1.0577	1.05077	0.162505	0.778496	-1.28453	0.718354	0.940994	-1.06275	0.0504465	1.45411	1.45411	0.273142	1.21108	1.21108	0.820814	0.396979	1
gi15999099	MAL2	0.201837	0.187866	2.04299	2.04299	0.3136	0.49428	-2.02288	0.0974171	0.322768	-3.0982	0.145062	0.379226	-2.63695	7	7	7	0.839134	0.882865	-1.13268	0.0474684	0.241921	-4.13359	0.178493	0.413049	-2.42102	0.242764	0.470322	-2.1262	1.92426	0.95848	4.52833	1
gi18120790	TRPM1	0.201838	0.826291	1.07563	1.07563	0.517756	0.804509	-1.24299	0.14897	0.598462	-1.67095	0.162171	0.609535	-1.64059	0.00920853	0.333978	-2.99421	0.770679	1.10181	1.10181	0.82202	1.0776	1.0776	0.383696	0.743568	-1.34487	0.54956	0.818037	-1.22244	1.83775	3.20257	1.54903	1
gi20143441	DOK1	0.201838	0.953334	1.02498	1.02498	0.147596	0.504441	-1.98239	0.147592	0.702822	-1.42305	0.0188278	0.50154	1.9949	0.0825245	1.18855	1.18855	0.467079	1.38531	1.38531	0.0264156	1.113683	1.18793	0.255345	1.68211	1.68211	0.963775	1.01908	1.01908	1.83775	0.675195	1.4426	1.83787	0.236235	0.109419	1
gi23274377	BPNT1	0.201842	0.741332	1.30899	1.30899	0.537575	1.66027	1.66027	0.467036	1.8241	1.8241	0.407614	1.98967	1.98967	0.172597	1.307602	1.32596	0.927812	1.92904	1.07637	7	7	0.0569795	5.75092	5.75092	0.037891	1.70609	1.70609	1.83732	17.1548	9.28633	1
gi02994399	CD97;CD97;CD97	0.201846	0.178225	3.02156	3.02156	0.182053	2.98893	2.98893	0.0564124	5.31127	5.31127	0.456967	1.79606	1.79606	0.889082	1.11391	1.11391	0.705448	1.34117	1.34117	0.54881	1.59833	1.59833	0.0881593	4.28261	4.28261	0.0186926	2.05416	2.05416	1.83771	17.3924	8.41257	1
gi05326618	DHX37	0.201847	0.829662	1.0446	1.0446	0.375559	1.75059	1.75059	0.0188245	0.644564	-1.55144	0.597265	1.00496	1.00496	0.10091	0.86112	1.03091	1.03091	1.03091	0.280512	1.23818	1.23818	0.0512243	1.51973	1.51973	0.831177	0.960152	-1.0415	0.968619	1.00752	1.00752	1.83771	1.05608	0.510004	1
gi07276497	C11orf91	0.201852	0.893442	0.912264	-1.09617	0.157779	0.131777	-7.58859	0.0297045	0.173196	-5.77382	0.659449	0.737969	-1.35507	0.459335	0.596775	-1.67567	0.260423	0.447413	-2.23505	0.0689398	0.759369	-1.31688	0.370504	0.532547	-1.87777	0.778219	1.21344	1.21344	1.83768	13.6635	6.60906	1
gi12459116	PCNP	0.201858	0.338128	1.83079	1.83079	0.546415	0.329217	-3.03817	0.366169	1.37474	1.37474	0.727469	1.34567	1.34567	0.634939	1.36352	1.36352	0.954403	1.07245	1.07245	0.932475	1.02835	1.02835	0.972	7	7	0.487311	0.70814	-1.41215	0.0283323	0.284998	0.0824	1.83767	0.0824	0.0412	1
ge02250400	GPR124	0.201858	0.0499124	0.40589	-2.46372	0.209869	0.586921	-1.70381	0.282091	0.637168	-1.56944	0.813376	0.909047	-1.10005	0.0334062	0.367033	2.72455	0.522542	0.770033	-1.29865	0.358157	0.683167	-1.46377	0.0527691	0.411586	-2.42963	0.123743	0.510575	-1.95857	1.83765	4.73208	2.28895	1
gi10748840	GAUNT9	0.201859	0.338398	1.36192	1.36192	0.00836698	0.287083	2.87083	0.196754	1.53295	1.53295	0.980069	0.995721	-1.0043	0.103102	1.39639	1.39639	0.957922	0.983621	-1.01665	0.452272	0.78687	-1.27086	0.481365	1.2511	1.2511	0.971024	0.988695	-1.01143	1.83765	2.85155	1.37912	1
gi27472207	ATP8A1;ATP8A1	0.201861	0.263338	1.68425	1.68425	0.751332	1.16355	1.16355	0.0466885	1.0467719	1.7502	1.0467719	1.7502	1.0467719	1.7502	1.0467719	1.7502	0.376555	0.824021	-1.21325	0.0775315	0.641633	1.23689	0.491542	1.2389	1.2389	0.0802023	1.08023	1.08023	0.284763	1.70461	1.70461	1.83757	0.7035	0.2435	1
gi03412308	MAST4;MAST4	0.201867	0.37333	0.833436	-1.19985	0.374922	1.49389	1.49389	0.497805	1.14708	1.14708	0.24504	0.784722	-1.27434	0.778634	1.05779	1.05779	0.776563	1.05837	1.05837	0.140606	1.37164	1.37164	0.0684485	1.50181	1.50181	0.137613	1.37544	1.37544	1.83761	1.15675	0.559545	1
gi13781989	RAPGEF1;RAPGEF1	0.201869	0.258208	0.582573	-1.71552	0.0318819	1.17477	1.17477	0.147435	0.784158	-1.27469	0.240158	0.297655	1.64164	0.154362	0.493753	-2.02526	0.576507	1.2957	1.2957	0.353604	1.16619	1.16619	0.645343	1.24018	1.24018	0.16376	0.61475	-1.62705	1.83761	2.99751	1.63264	1
gi19247001	BCDP;BCDP;LIROS;BCDP	0.201869	0.135018	0.4121	0.4121	0.715387	1.08159	1.08159	0.23055	0.763847	-1.30916	0.935714	1.01743	1.01743	0.197312	0.746846	-1.33896	0.893023	0.971594	-1.02924	0.734347	0.929647	-1.07658	0.0256209	0.566724	-1.76453	0.323827	0.142389	1.24389	1.83756	1.33499

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1 vs. 1047)	p-value|1057 vs. N)	Fold-Change(1 vs. 1057)	p-value|1117 vs. N)	Fold-Change(1 vs. 1117)	p-value|1127 vs. N)	Fold-Change(1 vs. 1127)	p-value|1217 vs. N)	Fold-Change(1 vs. 1217)	p-value|1221 vs. N)	Fold-Change(1 vs. 1221)	p-value|1347 vs. N)	Fold-Change(1 vs. 1347)	p-value|1437 vs. N)	Fold-Change(1 vs. 1437)	p-value|1533 vs. N)	Fold-Change(1 vs. 1533)	p-value|5377 vs. N)	Fold-Change(1 vs. 5377)	p-value|5437 vs. N)	Fold-Change(1 vs. 5437)	p-value|5633 vs. N)	Fold-Change(1 vs. 5633)	F(Error)	
op08754317	EXOC2		0.202086		0.303184	1.77352	1.77352	0.752303	0.184238	-1.1845	0.324706	1.72743	1.72743	0.0148471	0.50647	5.05047	0.823734	1.1274	1.1274	?	?	?	0.152273	2.26462	2.26462	0.379537	1.62342	1.62342	1.8576	6.62059	4.06706	1
rs16486059	C1orf135		0.202086		0.019756	3.529012	-1.89032	3.197855	0.782514	-1.26181	0.872984	1.03685	1.03685	0.936135	0.982037	-1.01829	0.2926	0.781165	-1.28014	0.149088	1.41901	1.41901	0.282155	0.776626	-1.28762	1.852058	0.727777	-1.37405	0.464476	0.845017	-1.18341	1.836456	1.48815	0.7202058	1
op23606417	SPHK2C		0.202086		0.241124	0.779118	-1.2835	0.741407	0.934861	-1.06968	0.102982	0.695706	-1.43739	0.35	0.822278	-1.21613	0.0255558	0.582953	-1.71541	0.879167	0.96953	-1.03143	0.0616155	0.651665	-1.53453	0.356426	0.824537	-1.2128	0.0696678	0.661879	-1.51085	1.836556	1.20342	0.5824553	1
op01127878	PIR10		0.20209		0.501706	0.789864	-1.26604	0.362803	0.723553	-1.38207	0.815976	0.522516	-1.08399	0.715984	0.881252	-1.13475	0.0091593	0.183228	-3.14244	0.155582	0.591149	-1.69162	0.110287	0.547656	-1.82596	0.782068	0.908522	-1.10069	0.156725	0.502125	-1.68883	1.836555	3.48138	1.684991	1
op16663073	SI3		0.20209		0.596683	0.858413	-1.16494	0.0278317	2.102621	2.102621	0.032664	2.04358	2.04358	0.933784	0.976525	-1.02404	0.564562	0.842067	-1.18629	0.474319	0.812198	-1.23123	0.717557	1.10943	0.383302	1.2912	1.2912	0.837968	1.06028	1.06028	1.83655	2.3771	1.15052	1
op00283876	RCL3C		0.202091		0.876259	1.1355	1.1355	0.428421	1.93339	1.93339	0.136633	0.834774	0.825823	-1.21091	0.01085832	0.07365568	-13.5765	0.161823	0.295761	1.38111	?	?	?	0.582605	0.635953	1.57244	0.831634	1.1896	1.1896	0.560095	0.618474	-1.61688	1.8461	17.2832	9.36204	1
op01494805	CDC42BPA,CDC42BPA SLC6A6,SLC6A6,SLC6A6,SLC6A6,SLC6A6		0.202101		0.341183	0.788384	-1.26842	0.0419088	0.566435	-1.76543	0.0529411	0.586715	-1.7044	0.197279	0.718624	-1.39155	0.158615	0.693986	-1.44095	0.561465	0.867336	-1.15296	0.898734	0.969607	-1.03135	0.164943	0.6983	-1.43205	0.046566	0.575493	-1.73764	1.83649	1.70928	0.827314	1
op08655589	SLC6A6		0.202102		0.24933	0.719219	-1.3904	0.887915	1.03936	0.948007	0.982307	-1.01801	0.774471	0.924371	-1.08182	0.527641	0.839308	1.19146		0.997662	0.999198	-1.0008	0.0268037	0.487686	-2.0505	1.442168	1.53627	1.53627	0.123518	1.57881	1.57881	1.83649	2.17952	1.05492	1
op00573355	LBX2,LOC151534;LBX2		0.202107		0.00724584	0.0847758	-11.7958	0.876268	0.894953	-1.11738	0.576839	0.669292	-1.49412	0.846872	1.14764	1.14764	0.151306	0.334467	-2.98983		0.180677	0.363327	-2.75235	0.611135	0.694032	-1.44086	0.907322	0.920395	-1.08649	0.899377	1.09429	1.09429	1.83647	14.7565	7.14245	1
op04853925	TRNT1		0.202109		0.59984	1.12542	1.12542	0.762855	0.84238	-1.1845	0.324706	1.72743	1.72743	0.0148471	0.50647	5.05047	0.823734	1.1274	1.1274	0.731994	1.15619	1.15619	0.0511362	1.64478	1.64478	0.950169	0.986147	-1.01405	1.83646	1.44916	0.7014429	1
op17526300	PTER;PTER		0.202111		0.646547	1.16751	1.16751	0.545126	1.22803	1.22803	0.25389	0.670556	-1.49313	0.701992	1.13764	1.13764	0.662658	0.860714	-1.16183	0.14394	1.69316	1.69316	0.392256	0.745333	-1.34168	0.0161126	2.68495	2.68495	0.395827	1.33866	1.33866	1.83645	3.27234	1.5839	1
op20784401	LOC340094		0.202111		0.216455	1.87269	1.87269	0.0853293	2.509001	2.509001	0.565337	1.564836	-1.56419	0.0609234	0.359935	-2.77828	0.472706	1.42234	1.42234	0.0352424	0.389351	-2.56838	0.855914	1.07241	1.07241	0.509252	0.7729966	-1.29372	0.286859	0.653522	-1.51017	1.83642	4.3029	2.08275	1
op18205244	CUX1;CUX1;CUX1		0.202116		0.799065	1.05833	1.05833	0.070418	1.567138	1.567138	0.107294	1.47796	-1.47796	0.411136	1.20536	1.20536	0.63816	1.11101	1.11101	0.609495	1.09003	1.09003	0.0513144	0.686116	-1.45748	0.893291	0.970613	-1.03028	1.83642	1.43654	0.695332	1
op05669497	MCF2L;MCF2L		0.202116		0.487831	0.615055	-1.62587	0.367705	0.528339	-1.89272	0.443814	1.73321	1.73321	0.851747	0.890661	-1.13773	0.223985	0.47778	2.1936	0.504108	0.628214	-1.59181	0.0911243	0.101815	-9.82177	0.235686	0.424448	-2.356	0.208392	0.40069	-2.4957	1.83642	13.8205	6.69443	1
op04794662	FOXP1		0.202119		0.221152	0.396578	-2.52157	0.0521256	0.204189	-4.89742	0.051444	0.202993	-4.92629	0.508909	0.647951	-1.54333	0.639264	0.712126	-1.40425	0.421688	0.554183	-1.80446	0.0307172	0.161189	-6.20391	0.103147	0.27747	-3.604	0.421531	0.554068	-1.80483	1.836441	15.041	7.28039	1
op04433805	MLYCD		0.202121		0.0288228	0.137947	-2.58435	0.196431	0.152581	2.009572	0.576492	1.292122	1.292122	0.21033	1.79391	1.79391	0.891594	0.911884	-1.09669	0.540748	1.32485	1.32485	0.450477	0.728577	-1.37254	0.131482	1.31512	1.31512	0.464889	-1.13452	0.547711	0.758543	-1.31882	1.8364	6.00165	2.90923	1
op04474046	CAV1		0.202126		0.130986	0.529266	-1.88941	0.0410351	0.196633	1.39633	0.437743	0.734284	-1.36187	0.263868	0.634987	-1.57528	0.329134	0.675158	-1.48114	0.163661	0.559728	-1.78608	0.0233034	0.347222	-2.88	0.116908	0.514472	-1.94374	0.824072	1.09076	1.09076	1.83638	4.42785	2.14328	1
op05009066	ABL2;ABL2;ABL2;ABL2;ABL2		0.202126		0.820958	0.941968	-1.06161	0.208211	1.41899	1.41899	0.195377	1.43503	-1.43503	0.85564	1.0492	1.0492	0.853831	1.04984	1.04984	0.100706	0.622397	-1.60669	0.0330363	0.518191	-1.92979	0.43657	0.811132	-1.23285	0.424729	0.805541	-1.23986	1.83637	2.02304	0.979242	1
op27420415	CNTNAP4;CNTNAP4		0.202127		0.0774754	0.39245	-2.60761	0.228838	0.175199	-2.19704	0.0932413	0.516766	-1.93178	0.550618	0.8553349	-1.17009	0.363833	1.28005	1.28005	0.2999	0.752598	-1.32873	0.156269	1.49369	1.49369	0.319935	1.407571	0.881826	0.961409	-1.04014	1.83637	2.03578	0.985414	1
op25321556	NRXN2;NRXN2		0.202129		0.509746	0.73568	-1.35929	0.0674185	2.56171	2.56171	0.171438	1.95102	1.95102	0.249424	1.73769	1.73769	0.0769453	0.40542	-2.46658	0.427852	1.45002	1.45002	0.609768	0.788548	-1.26655	0.370414	1.52532	1.52532	0.488931	0.724193	-1.38085	1.83636	6.12816	2.96633	1
op18193333	GTF3A		0.202129		0.768154	1.07245	1.07245	0.6048437	1.082227	1.082227	0.7425547	1.07881	1.07881	0.0941819	0.693946	-1.5641	0.148144	1.45284	1.45284	0.308893	1.20102	1.20102	0.221181	0.73153	-1.367	0.975038	0.990423	-1.00763	0.684174	0.841284	-1.18891	1.83631	1.74935	1.03993	1
op16156203	PTM5		0.20213		0.933681	1.01825	1.01825	0.499004	0.861467	-1.16081	0.128956	1.42831	1.42831	0.11317	1.4544	1.4544	0.983534	0.995526	1.00449	0.716976	0.923947	-1.08231	0.771192	1.06541	1.06541	0.196186	0.7430774	-1.34576	0.0294498	1.74575	1.74575	1.83636	1.37306	0.664633	1
op03324851	GNB2		0.202131		0.606897	1.18204	1.18204	0.75057	0.92033	-1.10824	0.0219353	2.4252	2.4252	0.49667	1.24908	1.24908	0.249401	0.675729	1.47988	0.401697	0.758362	-1.31863	0.223614	0.662299	-1.50989	0.309622	1.4033	1.4033	0.437011	0.774517	-1.29113	1.83635	3.02035	1.46201	1
op03080958	RHBDD1;RHBDD1		0.202131		0.370838	0.71966	-1.39005	0.41375	0.606307	1.65076	0.2616	2.2616	0.31158	0.555717	0.7994848	1.251066	0.160347	0.631675	-1.58348	0.416812	0.662702	-1.50901	0.249805	0.460054	-2.15029	0.0262259	0.19537	-5.11927	0.0422	0.1635	-6.11835	1.83635	1.74247	1.36355	0.975208	1
op14664316	CALCB		0.202132		0.0820273	0.234206	-4.26975	0.678875	0.730795	-1.36837	0.858747	0.874415	-1.14362	0.54564	0.630821	-1.58523	0.141293	0.303696	3.29276	0.165239	0.327892	-3.04978	0.616507	0.110074	-9.08484	0.0983627	0.255224	-3.91813	0.308981	0.452399	-2.21044	1.836434	16.5053	7.98947	1
op12160980	PPP1R9B;PPP1BP1		0.202135		0.305346	0.433119	-2.31937	0.153877	0.0961085	-1.04126	0.0564587	0.887158	-1.12708	0.474552	0.648707	-1.54208	0.268702	0.377872	-2.64642	0.25831	0.392797	-2.54644	0.0940446	-2.49722	0.0179358	-3.13226	0.0888852	0.1016	-9.84553	0.1016	0.1016	1.83633	18.2547	8.83635	1
op20849378	INTS1		0.202138		0.901827	0.045777	1.04577	0.183984	0.640012	-1.6556	0.0645612	2.12324	2.12324	0.962469	0.983093	-1.01782	0.0481031	0.440761	2.2688	0.451528	1.32072	1.32072	0.262088	1.52818	1.52818	0.0221497	2.28219	2.28219	0.650561	1.847575	1.17984	1.83632	1.48245	1.85146	1
op02710530	AXIN1;AXIN1		0.202142		0.137962	0.558375	-1.79091	0.752094	0.890824	-1.12256	0.290161	0.670106	-1.4923	0.0531666	0.448667	-2.22882	0.012532	0.401376	-2.49143	0.12265	0.543215	-1.84089	0.104725	0.523678	-1.90957	0.797647	1.09826	1.09826	0.466481	0.763116	-1.31042	1.8363	3.87063	1.87364	1
op07618675	CREBBP;CREBBP		0.202151		0.707831	1.17282	1.17282	0.6298388	0.794599	-1.25808	0.0937211	1.27442	1.27442	0.218805	0.7614147	1.313702	0.0716552	0.778545	-1.28493	0.432395	0.71231	-1.40398	0.0911758	0.1435406	-6.96878	0.0144098	0.0206	-48.5485	0.0206	0.0206	1.83631	5.21362	2.5238	1
op23584735	PINX1		0.202151		0.132602	0.22366	2.02366	0.743291	0.866971	-1.15344	0.788295	1.12402	1.12402	0.646967	1.30312	1.30312	0.952619	0.960251	-1.04139	0.554196	0.771136	-1.29679	0.0138604	0.260694	-3.74666	0.314913	1.57051	1.57051	0.711502	0.850984	-1.17511	1.83625	5.48726	2.55626	1
op00948250	KCNJ10		0.202154		0.317906	0.747442	1.33756	1.07241	0.0048437	-1.93549	0.149205	0.801707	-1.24747	0.894746	0.983531	-1.01795	0.0191524	0.342559	-2.91812	0.259321	0.380992	-2.62613	0.0440127	0.0859914	0.0859914	-11.6312	0.0804274	0.0804274	-12.4403	0.0804274	0.0804274	1.83625	3.84707	1.84191	1
op03488587	C11orf2		0.202157		0.367504	1.28134	1.28134	0.988293	1.00394	1.00394	0.0392187	1.89449	1.89449	0.286219	0.743345	-1.34527	0.987401	1.00424	1.00424	0.609109	1.14811	1.14811	0.0569311	0.561601	-1.78062	0.830245	0.944126	-1.05918	0.277893	0.739206	-1.3528	1.83622	2.08568	1.00965	1
op24894970	UBASH3B		0.202158		0.664967	0.682652	-1.46488	0.0349598	0.61193	0.611093	0.0807662	0.54526	0.54526	0.338784	0.421504	-2.37246	0.471338	0.526242	-1.90027	0.515157	0.50885	-1.76286	0.227676	0.329075	0.033301	0.957796	0.954691	-1.04746	0.507606	0.554897	-1.80214	1.83622	22.326	10.8077	1
op15135093	NMNAT2		0.202159		0.717398	1.08127	1.08127	0.5144	1.08227	1.08227	0.0945547	1.31887	1.31887	0.182254	1.38255	1.38255	0.144057	1.70881	1.70881	0.0941819	0.693946	-1.5641	0.148144	1.45284	1.45284	0.308893	1.20102	1.20102	0.221181	0.73153	-1.367	0.975038	0.990423	-1.00763	0.684174	0.841284	-1.18891	1.83621	1.74935	1.04315	1
op14929317	AP3S2;AP3S2		0.202162		0.94523	1.00968	1.00968	0.836311	0.971398	-1.02944	0.72049	1.05169	1.05169	0.839182	1.02891	1.02891	0.350331	0.873856	-1.14435	0.256856	0.847052	-1.18057	0.00865414	0.625337	-1.59914	0.460677	1.1111	1.1111	0.525844	1.09435	1.09435	1.8362	0.572164	0.27698	1
op22440326	BRD2;BRD2		0.202163		0.0206346	0.0813264	-12.2973	0.0422963	1.00357	1.00357	0.0324721	1.02472	1.02472	0.608879	0.727807	-1.37403	0.0116225	0.639885	-1.56277	0.935704	1.02208	1.02208	0.127546	0.878485	1.13858	0.0882	0.0882	1.13858	0.0882	0.0882	1.83619	1.06723	0.175564	0.674834	-1.47758	1.8619	1.24169	0.103353	1
op05781968	WNT5A		0.202164		0.138566	0.654842	-1.52709	0.571917	0.859285	-1.16376	0.950789	0.10652	2.10652	0.210349	0.704358	-1.41973	0.158881	0.670444	1.49155	0.047712	0.548176	-1.82423	0.118232	1.56887	1.56887	0.330806	0.76611	-1.3053	0.2607403	0.735619	-1.3594	1.83619	2.05014	0.992457	1
op13144863	EXOC6;EXOC6		0.202167		0.129852	0.446879	-2.23774	0.11987	0.43577	-2.29479	0.114174	0.429171	-2.33007	0.25874	0.559969	-1.78581	0.0191726	0.247806	-4.03541	0.243451	0.548376	-1.82156	0.0806377	0.385285	-2.59548	0.413906	0.662882	-1.50856	0.710822	0.8325	-1.2012	1.83618	7.04695	3.41141	1
op10190319	SCP2		0.202168		0.0926464	0.191861	-5.21191	0.0911	0.14851	-6.73335	0.0917087	0.10472	0.10472	0.0208079	0.0727807	-13.7503	0.0116252	0.0501247	-19.9434	0.0935304	0.12208	0.12208	0.0138455	0.1228	0.1228	0.0135341	0.4542	0.4542	0.0479784	0.1228	0.1228	1.83618	0.16723	0.175564	0.676874	-1.47758	1.8619	1.24169	0.103353	1
op12762799	CLEC4E;CLEC4E		0.202174		0.4152	0.599106	-1.66916	0.149072	0.386043	-2.59038	0.108029	0.34078	-2.93444	0.144965	0.381771	-2.61937	0.0139175	0.374153	2.6727	0.350616	0.553782	-1.80577	0.0196215	0.176509	-5.66544	0.964101	0.972693	-1.02807	0.102235	0.332827	-3.00456	1.83615	11.0044	5.32732	1
op05706652	SOD3		0.202175		0.177781	0.41375	-2.41675	0.0384037	0.0976476	-2.67651	0.0384035	0.177781	-5.62345	0.0384035	0.1778	-5.62345	0.0384035	0.177781	-5.62345	0.0384035	0.177781	-5.62345	0.0384035	0.177781

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)		
cg09013449	C8orf40;C8orf40;C8orf40;C8orf40	0.202427	0.857574	1.05142	1.05142	1.05142	0.0273713	2.07207	0.2707	2.07207	0.0989329	1.65693	1.65693	0.586609	1.65693	1.65693	0.586609	1.30766	1.30766	0.258872	1.38931	1.38931	0.727208	0.906872	1.10269	0.307771	1.11083	1.11083	0.125955	0.629917	1.58751	1.83494	2.2642	1.09683	1	
cg27021525	CSMD1	0.202429	0.530139	0.834262	-1.19866	0.844989	0.945753	-1.05736	0.981701	0.993486	-1.00656	0.867391	0.95935	-1.04877	0.0102783	0.397907	2.51315	0.652686	0.878906	-1.13778	0.193986	1.47158	1.47158	0.943107	1.02054	1.02054	0.160064	0.652023	-1.53369	1.83493	2.59334	1.14293	1	
cg09379601	DNASE2;DNASE2	0.202434	0.147606	0.767258	-1.30334	0.920544	0.983131	-1.01716	0.232708	1.23787	1.23787	0.221377	0.803169	-1.24507	0.825506	0.963048	-1.03837	0.442873	0.875103	-1.14272	0.27439	1.21401	1.21401	0.506738	1.12172	1.12172	0.0348246	1.52112	1.52112	1.8349	0.8450003	0.409347	1	
cg19340502	BGN	0.202435	0.170915	0.397964	-2.51279	0.0236243	0.181354	-5.51704	0.338858	0.536296	-1.86464	0.711555	0.79076	-1.26457	0.115447	0.339054	-2.94936	0.081008	0.295659	-3.38228	0.698033	0.781605	-1.27942	0.957258	0.966694	-1.03445	0.376931	1.77363	1.77363	1.8349	1.1608	5.62331	1	
cg17536960	C6orf48;SNORD48;C6orf48	0.20244	7	7	7	7	0.07411	0.165698	-6.01509	0.809571	1.24365	1.24365	0.206116	0.299833	-3.35169	0.0662266	0.155531	-6.42958	0.142197	0.240493	-4.15812	0.371629	0.436697	-2.28992	7	7	7	7	7	7	1.86075	16.1042	11.484	1	
cg17646765	RBM47;RBM47	0.202449	0.217735	0.726285	-1.37583	0.0329307	1.84749	1.84749	0.209347	1.84883	1.84883	0.101382	0.643168	-1.5548	0.746951	0.92343	-1.08292	0.58462	0.872991	-1.14549	0.56112	0.865371	-1.15557	0.567615	1.15275	1.15275	0.956218	0.986704	-1.01348	1.83484	1.75941	0.852349	1	
cg15499275	PIK3CD	0.202449	0.0964962	0.476377	-2.09918	0.115257	0.498648	-2.00542	0.298478	1.5495	1.5495	0.817567	1.09845	1.09845	0.078216	0.45154	2.21464	0.251298	0.614431	-1.62752	0.563963	0.788967	-1.26748	0.0547414	0.412554	-2.42392	0.507043	0.760688	-1.3146	1.83483	4.79867	2.32473	1	
cg03233624	MSI2	0.202452	0.462366	1.36492	1.36492	0.348415	1.99394	0.0139909	0.5323	0.5323	0.109432	2.06627	2.06627	0.41601	0.707738	-1.41295	0.575492	0.790368	-1.26523	0.359807	1.47919	0.537986	1.86075	1.37586	1.2961	1.2961	0.270867	1.61072	1.61072	1.83482	5.02461	2.4342	1	
cg00797346	S2;MIS2;MEIS2	0.202452	0.366281	0.810025	-1.23453	0.887147	1.03276	1.03276	0.771046	1.06848	1.06848	0.180634	1.38083	1.38083	0.537364	0.867823	-1.15231	0.0757946	1.5661	1.5661	0.0883765	0.6626583	-1.50902	0.79513	1.06084	1.06084	0.0819069	1.54896	1.54896	1.83482	1.49728	0.725364	1	
cg17203137	CNTN6;CNTN6	0.202453	0.422432	1.36942	1.36942	0.875455	1.06202	1.06202	0.0985031	2.07636	2.07636	0.0854703	2.09516	2.09516	0.0774241	0.477404	1.30766	0.842087	1.07953	1.07953	0.147615	0.550971	-1.81498	0.218579	0.608927	-1.64293	0.224409	1.63171	1.63171	1.83482	4.27748	2.07225	1	
cg12034199	NSUN5B;NSUN5B;NSUN5B	0.20246	0.187487	0.528357	-1.89266	0.561181	0.766445	-1.3078	0.491378	1.37603	1.37603	0.236767	0.567714	-1.76145	0.0921918	0.428411	-2.33421	0.102291	0.441924	-2.26283	0.0337895	0.322385	-3.10018	0.100014	0.439064	-2.27757	0.664262	0.819183	-1.22073	1.83478	6.06124	2.93646	1	
cg22495848	PLCH2	0.202462	0.712017	0.87879	-1.13793	0.642882	1.17627	1.1762	0.2655045	1.50343	1.50343	0.821025	1.08216	1.08216	0.549822	0.809901	-1.23472	0.287095	0.680321	-1.4699	0.034574	0.425868	-2.36624	0.0420236	0.441985	-2.26252	0.858606	0.99375	-1.00441	1.83477	3.53881	1.7096	1	
cg16528066	CLIC6	0.202462	0.0498019	20.2388	2.2388	0.533819	2.33268	2.33268	0.344378	0.70309	0.70309	0.169636	0.74532	0.74532	0.23049	0.54447	0.54447	0.848663	0.735533	-1.29277	0.0966905	0.61019	0.61019	0.189992	0.64612	0.64612	0.0268702	0.93197	0.93197	1.83477	0.52024	25.4357	1	
cg11958876	GALNT14	0.202466	0.297805	0.752617	-1.3287	0.164503	1.47776	1.47776	0.744799	1.07846	1.07846	0.180512	0.687672	-1.45418	0.555146	0.854262	-1.1706	0.925756	1.02485	1.02485	0.0184099	2.12343	2.12343	0.933869	1.02209	1.02209	0.807898	0.937871	-1.06624	1.83476	2.01479	0.976113	1	
cg16251641	FZR1;FZR1;FZR1	0.202469	0.790607	1.05967	1.05967	0.0329307	1.84749	1.84749	0.209347	1.84883	1.84883	0.101382	0.643168	-1.5548	0.746951	0.92343	-1.08292	0.570556	0.882702	-1.13289	0.162365	1.47622	1.47622	0.806224	1.05501	1.05501	0.946254	1.0148	1.0148	1.83474	1.73948	0.668325	1	
cg17242351	ACTC1	0.202475	0.17445	4.70516	4.70516	0.413247	2.45164	2.45164	0.827548	1.26351	1.26351	0.352172	2.79108	2.79108	0.128693	5.81436	5.81436	0.200068	4.26809	4.26809	0.0145047	25.2479	25.2479	0.0712768	8.6692	8.6692	0.236017	3.7858	3.7858	1.83471	33.3966	16.1802	1	
cg12157438	CYP26A1;CYP26A1	0.202483	0.416579	1.59944	1.59944	0.0995961	2.33821	2.33821	0.0377448	2.12821	2.12821	0.0307134	2.84085	2.84085	0.0178507	0.351822	-2.84305	0.412302	0.601046	-1.66377	0.0928915	0.325564	-3.07048	0.305532	0.325254	-3.07248	0.284754	0.678721	-1.47336	1.83471	10.7125	5.10249	1	
cg12483927	RD3;RD3	0.202483	0.0681252	0.189568	-5.27514	0.803595	0.816393	-1.22494	0.580835	0.635069	-1.57463	0.318801	0.539044	-1.85477	0.0168995	0.0492584	2.02229	0.210308	0.359567	-2.78112	0.0171577	0.194632	-5.13791	0.236085	0.363946	-2.74766	0.274955	0.246725	-4.05275	0.33006	1	
cg16422098	TGA8	0.20248	0.578415	0.880988	-1.13509	0.0223666	0.539144	-1.85479	0.516371	0.861978	-1.16012	0.929662	1.02013	1.02013	0.97702	1.00652	1.00652	0.528394	0.865731	-1.15509	0.223329	1.33484	1.33484	0.106754	1.48812	1.48812	0.161141	0.809046	-1.23602	1.83469	1.48054	0.717307	1	
cg04778641	VCAN;VCAN;VCAN;VCAN;MEN1;MEN1;MEN1;MEN1;MEN1;MEN1	0.20248	0.451139	1.27158	1.27158	0.926634	1.01568	1.01568	0.941319	0.483253	2.06931	0.764626	1.30853	1.30853	0.0907961	1.0000219	1.0000219	0.336196	1.731209	-1.36387	0.0338307	0.460875	-2.16979	0.736875	0.928946	-1.1113	0.274274	1.42761	1.42761	1.83469	2.84568	1.37871	1	
cg25810379	1;MEN1;MEN1	0.20248	0.232755	1.30688	1.30688	0.0830851	1.50745	1.50745	0.99788	0.9994332	-1.00057	0.426702	1.18957	1.18957	0.804073	1.05443	1.05443	0.428687	1.18865	1.18865	0.0453153	1.634315	1.634315	0.0299907	1.72644	1.72644	0.55935	1.881373	-1.13459	1.83469	1.32935	0.64406	1	
cg02707264	MYRIP	0.202481	0.060264	17.6281	17.6281	0.201404	6.21478	6.21478	0.110441	10.5434	10.5434	0.325031	3.95972	3.95972	0.527715	0.420463	-2.37833	0.306354	4.19574	4.19574	0.521012	2.41306	2.41306	0.0231354	39.5354	39.5354	0.855607	1.27974	1.27974	1.83468	53.2808	25.8141	1	
cg22859061	SCGB3A1	0.202481	0.0850025	18.825	18.8257	0.177119	5.02404	5.02404	0.214451	7.49504	7.49504	0.165511	9.77253	9.77253	0.104859	15.3565	15.3565	0.180875	8.93125	8.93125	0.841734	0.734828	-1.36086	0.823169	0.708255	-1.41192	0.03138	48.9634	48.9634	1.83468	69.0184	33.4389	1	
cg20225546	EMX2OS	0.202485	0.137321	0.384992	-2.59722	0.0449	0.210449	-4.75003	0.0642811	1.43597	1.43597	0.0722097	1.48744	1.48744	0.0784702	0.516844	-1.93472	0.781997	0.899772	-1.11142	0.599246	1.12285	1.12285	0.442405	1.14516	1.14516	0.0238534	1.59461	1.59461	1.83465	0.870193	0.421631	1	
cg08489124	ORMDL1;ORMDL1;PMS1;PMS1;PMS1	0.202517	0.841012	1.02101	1.02101	0.863638	1.01823	1.01823	0.0996562	1.20542	1.20542	0.93135	0.991119	-1.00896	0.110034	0.834989	-1.19762	0.847689	0.980289	-1.02001	0.0250924	0.758914	-1.31767	0.99794	0.999733	-1.00027	0.440593	1.0883	1.0883	1.83451	0.311431	0.1509	1	
cg19467356	LIMBTL2	0.202519	0.109116	0.604184	-1.65502	0.0222736	0.532158	-1.87909	0.0654346	0.83522	0.83522	0.0456963	1.19747	1.19747	0.0544497	0.554782	-1.80284	0.203257	0.5934	-1.68587	0.0279333	0.176513	0.0995972	0.176544	0.2252	-4.43949	0.0274944	0.305113	-3.27755	1.83451	1.47552	0.754495	1	
cg23282659	RUNX1;RUNX1;RUNX1	0.202521	0.0295188	0.600331	-1.66658	0.0223274	0.98082	-1.01956	0.357322	0.82853	-1.20696	0.582586	0.928355	-1.07703	0.549758	0.89449	-1.11796	0.112721	0.705591	-1.40926	0.344253	1.21359	1.21359	0.153032	1.35535	1.35535	0.59328	1.898418	1.11307	1.83449	1.14713	0.555836	1	
cg10639412	FAM98A	0.202525	0.261021	0.810086	-1.23444	0.0512006	0.671038	-1.49023	0.614289	1.0956	1.0956	0.12901	1.34277	1.34277	0.41841	0.861946	-1.16017	0.648284	0.920798	-1.08601	0.115025	0.734991	-1.36056	0.115451	0.735302	-1.35999	0.863122	0.970583	-1.03031	1.83447	0.93791	0.454661	1	
cg09506266	C1orf51;C1orf51	0.202526	0.821596	1.09571	1.09571	0.433011	0.928771	-1.07725	0.814598	1.17627	1.17627	0.194736	1.24217	1.24217	0.371937	1.26001	1.26001	0.742393	1.08208	-1.24177	0.371937	1.26001	1.26001	0.742393	1.08208	-1.24177	0.371937	1.26001	1.26001	0.742393	1.08208	-1.24177	0.371937	1.26001	1.26001	0.742393	1.08208	-1.24177	0.371937	1.26001	1.26001	1.83449	1.89838	2.3099	1	
cg23282659	RUNX1;RUNX1;RUNX1	0.202527

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 1047)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. 2217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537T vs. N)	Fold-Change(1537T vs. N)	p-value(5 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg07464025	BEND7		0.202809		0.640099	0.938448	-1.10078	0.942105	1.01496	1.01496	0.100054	0.692617	-1.44138	0.814634	0.953116	-1.04919	0.8367639		0.698939		-1.6422		0.6625758	0.655476	-1.53498	0.153023	0.731655	-1.36676	0.142376	0.724385	-1.38048	0.568602	1.12503	1.83312	1.21366	0.588507	1
cg23738443	MORN1		0.202081		0.0908734	0.351135	-2.84791	0.888643	0.348375	-2.87047	0.896325	0.929366	-1.076	0.711382	0.812778	-1.23035	0.6228328		0.219239		4.56123		0.624842	0.758116	-1.31906	0.508112	0.286433	-3.49122	0.458829	0.654535	-1.5278	0.802523	0.868664	-1.15119	1.83312	0.16624	4.44476	1
cg12802286	LAMA2;LAMA2		0.202181		0.159231	0.795726	-1.25671	0.6605186	0.725084	-1.37915	0.184223	0.807393	-1.23855	0.0360981	0.692028	-1.44503	0.27574		0.841795		-1.18794		0.265291	0.838341	-1.19283	0.293418	1.18003	1.18003	0.325374	0.857061	-1.16678	0.5775512	0.91808	-1.08923	1.83312	0.6697913	0.324786	1
cg07805642	TAAR6		0.202384		0.2012884	0.418984	-2.38673	0.2299227	0.191152	-5.23181	0.5558364	0.245757	-4.06907	0.383132	0.78486	1.784846	0.2543446		0.4625644		-2.16195		0.4998109	0.778044	-1.28527	0.7373358	0.8004916	-1.24362	0.6737944	0.7601081	-1.31561	0.4046	1.737443	1.83309	12.1823	5.90797	1
cg03836615	ITPR1;ITPR1-ITPR1		0.202819		0.109737	0.428523	-2.3334	0.951985	1.0297	1.0297	0.0794567	0.388225	-2.57583	0.50171	0.717923	-1.39291	0.0163203		0.306416		-3.26353		0.325843	0.610757	-1.63731	0.0860703	0.397788	-2.5139	0.332689	0.615275	-1.62529	0.072927	0.378249	-2.64376	1.83308	0.85786	3.32549	1
cg16842017	PXDNL		0.202836		0.18704	1.28436	1.28436	0.373367	0.849752	-1.17681	0.140916	0.753239	-1.32763	0.122645	0.7413	-1.34898	0.852804		0.1038		1.0338		0.2683131	0.831495	-1.22926	0.134575	1.3347	1.3347	0.150018	0.758048	-1.31805	0.72915	1.06418	1.83308	0.9268689	0.450883	1
cg14460715	TBCD		0.202837		0.162793	0.574421	-1.74088	0.1524936	1.76886	-1.76886	0.636777	1.19362	1.19362	0.832843	0.08182	1.08182	0.0546504		0.4443369		-2.25038		0.7633754	0.893736	-1.1189	0.614417	1.20806	1.20806	0.0614928	0.456658	-2.18982	0.767946	1.11639	1.11639	1.832099	0.41933	1.94913	1
cg00071998	MSH5;MSH5;MSH5;MSH5		0.202838		0.726593	0.972414	-1.07835	0.1839105	0.624817	-1.60047	0.193198	0.945099	-1.05809	0.956685	1.01174	1.011674	0.494244		0.863414		-1.16089		0.4805523	0.857172	-1.16663	0.0124567	0.512585	-1.9509	0.66688	1.09753	1.09753	0.584769	1.12591	1.12591	1.832099	1.34085	0.6502234	1
cg00747989	ATP11A;ATP11A		0.202839		0.79936	1.06897	1.06897	0.934505	0.968214	-1.03283	0.649234	0.761218	-1.31368	0.2949519	0.668408	1.496609	0.0230087		0.365395		-2.73676		0.546934	1.25359	1.25359	0.0913581	1.99159	1.99159	0.410793	0.484293	1.31221	1.31221	1.832098	3.98587	1.932911	1
cg22830273	LRP1B		0.20284		0.934177	0.980897	-1.01947	0.117684	0.672512	-1.48696	0.72748	1.08512	1.08512	0.644838	1.11447	1.11447	0.411558		0.821971		-1.21659		0.05384	0.599809	-1.6672	0.12229	0.6763668	-1.47848	0.0441698	0.582838	-1.71574	0.647149	1.11361	1.11361	1.832098	1.5827	0.7675119	1
cg11221635	MGAT5B;MGAT5B		0.202841		0.64866	1.10004	1.10004	0.678827	0.641111	-1.55881	0.0119599	0.44111	1.26353	0.161276	0.13553	1.121192	0.0989325		0.5070994		-2.03678		0.842722	0.959549	-1.04216	0.8188801	1.806649	1.80699	0.0001756	0.13806	1.388065	1.832097	1.25426	2.6082647	1
cg19438887	MESP1		0.202845		0.163515	0.515221	-1.81317	0.645602	0.830851	-1.20359	0.557877	1.26764	1.26764	0.203545	0.584663	-1.71097	0.055122		0.4218477		-2.38733		0.799119	0.902986	-1.10744	0.228866	0.354778	-2.81866	0.153279	0.542296	-1.84401	0.211685	0.590663	-1.69301	1.832095	0.4488	2.25443	1
cg01408591	DIP2C		0.20285		0.489358	1.10707	1.10707	0.962452	1.06264	1.06264	1.000824	0.702211	0.95516	-1.04694	0.891763	1.13552	1.133552	0.132007		1.2655		1.32015		0.485904	1.29588	1.29588	0.0479196	0.437002	-2.28832	0.817779	0.18815	1.08815	1.08815	0.412253	0.73574	1.35918	1.8329	3.8898	1.88641	1
cg02902854	TRPV1;TRPV1;TRPV1;TRPV1		0.202856		0.881289	0.946768	-1.05622	0.0652856	0.468848	-2.13289	0.660474	0.850606	-1.17563	0.899463	1.04735	1.04735	0.0368899		0.421763		-2.42858		0.485904	1.29588	1.29588	0.0479196	0.437002	-2.28832	0.817779	0.18815	1.08815	1.08815	0.412253	0.73574	1.35918	1.8329	3.8898	1.88641	1
cg07813622	LRRN3;IMMP2L;LRRN3;LRRN3		0.202856		0.528888	0.810362	-1.23402	0.530087	1.23324	1.23324	0.368121	0.737345	-1.35622	0.0303113	0.432018	-2.31472	0.870707		0.105516		1.05516		0.116924	1.75313	1.75313	0.707634	0.839022	-1.19107	0.737249	0.590028	-1.69483	1.8329	3.1537	1.52943	1
cg18159123	PTPRN2;PTPRN2;PTPRN2		0.202857		0.661407	0.907411	-1.10132	0.0257843	0.547959	-1.82496	0.35063	0.857365	-1.16586	0.0509999	0.573159	1.742075	0.0187225		0.113801		1.74268		0.2001	1.60769	1.60769	0.0709395	0.994306	-1.00573	0.9829	0.498868	1.00864	1.06034	0.979095	0.994306	1.00573	1.8329	4.4988	1.726805	1
cg26250143	ITGAE;GSG2		0.202862		?	?	?	0.516956	0.328791	-3.04145	?	?	?	0.155618	23.99956	23.99956	0.631419		2.22432		2.22432		?	?	?	0.938808	0.883723	-1.13158	?	?	0.0863814	0.0107716	-92.8369	0.421361	66.8511	6.34621	1
cg19274453	FBXO5		0.202865		0.288803	0.6895	-1.45033	0.0506725	0.2102	1.0102	0.818904	0.717571	-1.39359	0.499411	0.856734	-1.16722	0.3634407		1.170934		1.17093		0.521912	0.803196	-1.24503	0.465164	0.759091	-1.3165	0.228431	0.65209	-1.53236	0.70222	1.13849	1.83846	3.02623	1.60489	1
cg12491966	COL18A1;COL18A1;COL18A1		0.202866		0.0897461	0.262417	-3.81073	0.150608	0.33231	-3.00924	0.372804	0.523788	-1.90917	0.4419007	0.570734	-1.75213	0.315485		0.2198705		-2.10085		0.158024	0.340651	-2.93556	0.0256066	0.151262	-6.61105	0.053974	0.209163	-4.78095	0.140096	0.312297	-3.11238	1.83284	14.9499	7.20187	1
cg27219399	MAP2K5;MAP2K5		0.202869		0.147532	0.424374	-2.35641	0.48935	0.67884	-1.4731	0.747618	1.19492	1.19492	0.428954	1.56109	1.56109	0.391512		0.616167		-1.62294		0.560181	0.722581	-1.38393	0.0118683	0.17686	-5.65419	0.381062	0.609232	-1.64141	0.170548	0.447094	-2.23667	1.83284	8.83127	4.28268	1
cg22987590	GFRA2;GFRA2;GFRA2		0.202875		0.115402	0.624712	-1.60204	0.0178207	0.197107	-5.07381	-1.12083	0.468464	0.83648	-1.22477	0.17251	5.796496	0.0001743		0.0507202		19.70935		0.305206	0.746889	-1.33899	0.872809	1.04502	1.04502	0.03716	1.94454	0.289759	1.3526	1.3526	0.81281	2.19332	1.06364	1
cg01754178	PTPRN2;PTPRN2;PTPRN2		0.202879		0.094932	0.314114	-3.01737	0.578344	0.713275	-1.40198	0.899734	0.926946	-1.07881	0.668139	1.264331	1.26433	0.0099783		0.141246		-7.07985		0.44914	0.628665	-1.59067	0.876448	1.098516	1.09816	0.331042	0.540856	-1.82863	0.21035	0.45187	-2.21303	1.832079	0.51428	5.09862	1
cg16441988	C21orf91;C21orf9		0.202883		0.1455508	0.4397	-2.27477	0.0428724	0.563632	-1.77435	0.0296255	0.37962	-2.63335	0.52056	0.855659	-1.16869	0.0786614		0.0258581		-12.9596		0.0074947	0.0898407	-11.1303	0.0242053	0.0441386	-22.6619	0.0244955	0.0433333	-23.0731	0.0249495	0.0441386	-22.6619	1.832079	0.0244955	0.0433333	1
cg21268347	SNORD115-37		0.202887		0.259436	0.693958	-1.44101	0.507755	0.811662	-1.23204	0.444205	0.784876	-1.27409	0.735598	0.900097	-1.11099	0.011206		0.3727244		-2.68295		0.805389	0.926206	-1.07967	0.456124	1.2658	1.2658	0.580065	0.804674	-1.18952	0.0705174	0.533822	-1.87328	1.83275	2.79925	1.35764	1
cg01644883	PLCD1		0.202893		0.228491	0.40553	4.00553	0.609154	0.7615	1.7615	0.162567	0.13887	0.53887	0.223123	0.40732	-4.07732	0.394543		0.3838766		-2.60501		0.789636	1.34121	1.34121	0.871844	0.83757	-1.19393	0.0110574	0.33742	0.37842	0.885166	1.17194	1.17194	1.832073	34.9891	16.97	1
cg20052255	CASZ1;CASZ1		0.202893		0.585307	0.814986	-1.22795	0.0239745	0.290597	-3.44201	0.0296102	0.2821	-3.54567	0.0190904	0.160794	-6.16172	0.0213485		0.0139068		-71.9255		0.0472515	1.1347	1.1347	0.0150995	1.74265	1.74265	0.872294	0.0153666	1.742657	0.872294	0.0153666	1.742657	1.832073	0.8667	0.4040858	1
cg19630478	B3GALT5		0.202894		0.544371	0.683087	-1.46394	0.5652581	0.696926	-1.43487	0.0960778	0.321346	-3.11192	0.290041	1.97806	1.97806	0.0770777		0.294912		-3.39084		0.9215033	0.940611	-1.06314	0.0764266	3.40203	3.40203	0.353091	1.81037	1.81037	0.72495	0.802971	-1.24537	1.83272	11.1990	5.4321	1
cg16720890	PDCD1		0.202895		0.712634	1.07524	1.07524	0.0905304	0.2102	1.0102	0.818904	0.717571	-1.39359	0.499411	0.856734	-1.16722	0.3634407		1.170934		1.17093		0.521912	0.803196	-1.24503	0.465164	0.759091	-1.3165	0.228431	0.65209	-1.53236	0.70222	1.13849	1.83846	3.02623	1.60489	1
cg21743625	ATP2C1;ATP2C1;ATP2C1;ATP2C1		0.202899		0.184243	0.63383	4.60383	0.868231	0.982267	-1.01805	0.924042	0.140892	1.10892	0.159045	5.11247	5.11247	0.944625		0.927462		1.07821		0.226338	0.96362	1.03636	0.982251	1.26158	1.78512	0.174165	0.585036	1.85036	0.115622	0.54316	1.84316	1.8327	34.1111	16.5445	1
cg08210474	PGCP		0.202901		0.0925485	0.16378	0.16378	0.36435	3.21828	3.21828	0.110272	0.86803	0.86803	0.325394	3.57277	3.57277	0.164866		0.155999		-6.4103		0.308034	3.75483	3.75483	0.507962	0.4307755	-2.3214	0.0660475	13.2727	13.2727	0.524062	2.24701	2.24701	1.832069	45.6388	22.1357	1
cg25273451	CCDC71		0.202904		0.0230147	0.0380144	-26.3146	-3.56585	0.0191993	0.0191993	0.0001	0.155577	0.0858873	0.0001	0.861582	-1.16066	0.0156691		0.0139122		-71.8855		0.6246084	1.09746	1.09746	0.0754648	0.2184568	-4.57849	0.0001	0.0468	-21.3636	0.0001	0.0468	-21.3636	1.832069	0.0001	0.0468	-21.3636	1.832069	0.0001	0.0468	-21.3636	1.832069

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	Fold-Change(2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T 37T vs. N)	p-value(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg13609185	ANK1;ANK1;ANK1;ANK1	0.203176	0.90036	1.08961	1.08961	1.08961	0.03705	0.1053	0.0953	0.0992174	0.44932	1.44932	0.9704	1.02571	1.02571	0.791448	1.19909	1.19909	0.90462	1.05236	1.05236	0.629072	0.716444	-1.39578	0.764596	1.22844	1.22844	0.981358	0.08412	-1.01614	1.83138	1.61638	0.60765	1
cg02295525	HIST1H2AI;HIST1H2BL	0.203184	0.520187	1.10169	1.10169	0.660003	0.93752	-1.06664	0.430778	1.1269	1.1269	0.560831	0.916337	-1.0913	0.871137	1.02441	1.02441	1.02441	0.98847	0.997856	-1.00215	0.00879427	1.64916	1.64916	0.249357	1.19586	1.19586	0.170773	1.24197	1.24197	1.83135	0.640183	0.310729	1
cg24180621	RPTOR;RPTOR	0.203184	0.113984	0.36595	-2.73262	0.360632	0.577272	-1.73228	0.092678	0.339009	-2.94977	0.956098	1.03271	1.03271	0.197901	0.451294	-2.21585		0.02252265	0.202415	-4.94034	0.0919745	0.338061	-2.95804	0.870931	0.909313	-1.09973	0.212928	0.464448	-2.15309	1.83134	9.91381	4.81192	1
cg09793776	PPP1CA;PPP1CA;PPP1CA	0.203188	0.94482	1.06192	-1.03959	0.074321	1.05131	1.05131	0.0085218	0.57503	0.57503	0.419618	1.58822	1.5882	0.785272	1.16556	1.16556	1.16556	0.5602	1.1916	1.1916	0.196806	0.215011	2.15011	0.681539	1.26045	1.26045	0.445218	1.54739	1.54739	1.83133	9.12765	4.43037	1
cg21105620	HGFAC	0.203197	0.127652	0.354285	-2.82259	0.646887	0.747848	-1.33717	0.384769	0.570434	-1.75630	0.156411	0.384803	-2.59873	0.444624	0.23366	-4.27972		0.252382	0.470872	-2.12372	0.353910	0.251952	-3.96901	0.074822	0.2865	-3.4904	0.0951368	0.315001	-3.1746	1.83128	11.5096	5.58666	1
cg03129376	C5orf52;C5orf52;C5orf52;PAK1IP1	0.203201	0.0244137	0.55899	-1.78894	0.165455	1.37828	1.37828	0.354906	1.22925	1.22925	0.221112	1.32175	1.32175	0.732755	0.9238	-1.08272		0.8700??	1.03353	1.03353	0.361151	0.775569	-1.28938	0.734562	0.928849	-1.0766	0.501349	0.862425	-1.15952	1.83127	1.36422	0.662188	1
cg25903375	SETD7	0.203202	0.187549	1.13898	1.13898	0.799357	1.02402	1.02402	0.341923	1.09553	1.09553	0.73234	0.967425	-1.03367	0.0712861	1.20647	1.20647		0.01450043	1.32395	1.32395	0.855568	0.983166	-1.01712	0.19143	1.13754	1.13754	0.697117	1.03712	1.03712	1.83126	0.251793	0.12222	1
cg24851651	CCS	0.203207	0.449974	0.581528	-1.71371	0.0199486	0.137565	-2.26942	0.0453183	0.584688	-1.71032	0.608874	0.696894	-1.43494	0.0153461	0.180006	-5.55357		0.34522	0.506483	-1.9744	0.400039	0.547234	-1.82734	0.110431	0.290645	-3.43797	0.810081	1.18349	1.18349	1.83124	14.2008	6.89314	1
cg02574293	SRDSA3	0.203211	0.635483	1.1005	1.1005	0.0698791	1.50156	1.50156	0.991957	1.00202	1.00202	0.828993	1.51765	1.51765	0.546698	1.13012	1.13012		0.1315?84	1.72148	1.72148	1.38603	0.470809	0.863184	-1.1585	0.766674	1.06149	1.06149	0.0394594	0.520188	1.61642	1.83122	1.16669	0.566221	1
cg20252837	UCKL1;MIR1914;MIR647	0.203211	0.251216	1.48583	1.48583	0.0183183	2.57449	2.57449	0.0537582	2.06141	2.06141	0.560428	1.21465	1.21465	0.787294	1.09344	1.09344		0.8344?82	0.933221	-1.07156	0.931901	0.972164	-1.02863	0.0925192	1.8432	1.8432	0.730207	1.12114	1.12114	1.83122	3.16421	1.53594	1
cg21734015	FOXA3;SYMPK	0.203213	0.705669	1.07332	1.07332	-1.06903	0.473845	0.473845	0.0132748	0.668557	-1.49576	0.930832	0.966182	1.03579	0.944252	1.04128			0.88573	0.91244	-1.09566	0.938954	0.967335	-1.03334	0.0975424	3.31994	3.31994	0.508833	1.54561	1.54561	1.83121	11.7771	5.71675	1
cg01064758	TG;SLA;SLA	0.203215	0.785069	-1.42606	-1.1901	0.0261465	0.36526	0.36526	0.291609	2.00704	2.00704	0.900775	0.923659	-1.08265	0.155655	0.380153	-2.62883		0.710549	0.788735	-1.26785	0.340556	1.86879	0.155651	0.380151	-2.63054	0.857339	1.12147	1.12147	1.8312	11.7548	5.70596	1
cg15418287	HS01781	0.203215	0.786274	1.0341	1.0341	0.604214	1.05111	1.05111	0.536724	1.08105	1.08105	0.721959	0.957107	-1.04482	0.0145821	1.45467	1.45467		0.949657	1.0709	1.0709	0.147438	0.823946	-1.21362	0.188399	0.844155	-1.18456	0.850936	0.976695	-1.02386	1.8312	0.450129	0.218499	1
cg20441095	E6C2	0.203216	0.013925	1.60423	-1.65502	0.780983	1.04731	1.04731	0.0498822	1.1028	1.1028	0.0868795	0.750823	-1.36832	0.789183	0.95653	-1.04545		0.695278	0.936799	-1.06746	0.330008	1.18141	-1.18141	0.533852	0.900777	-1.11015	0.893235	0.977976	-1.02252	1.83119	0.797585	0.387208	1
cg19378729	GRIP1	0.203218	0.192224	0.728642	-1.37242	0.840888	0.14718	1.04718	0.764013	0.932258	-1.07266	0.163864	0.0259599	0.555259	0.0589436	0.613139	-1.63095		0.215998	0.741834	-1.34801	0.454541	1.1909	1.1909	0.0259599	0.545406	-1.8335	0.71694	0.919887	-1.08709	1.83118	1.52551	0.740508	1
cg20655220	PAM;PAM;PAM;PAM	0.203224	0.770748	1.13357	1.13357	0.304524	1.30426	1.30426	0.285092	1.61038	1.61038	0.240866	1.69355	1.69355	0.0998382	0.46123	-2.16843		0.0239344	1.18554	1.18554	0.40868?	1.43704	1.43704	0.966773	1.01803	1.01803	0.489773	0.740051	-1.35126	1.83116	1.3365	0.59183	1
cg15903666	PRDM16;PRDM16	0.203224	0.8051	0.921813	-1.08482	0.0526745	2.06547	2.06547	0.352998	1.36986	1.36986	0.602907	1.18867	1.18867	0.463945	1.27822	1.27822		0.1008896	0.553408	-1.80699	0.216721	1.53424	1.53424	0.0733542	1.92098	1.92098	0.395946	1.33146	1.33146	1.83116	3.1449	1.52662	1
cg02692893	ROPN1	0.203253	0.237625	1.75308	1.75308	0.249991	0.560812	-1.78313	0.0140757	0.252705	-3.95718	0.755875	1.15343	1.15343	0.393961	0.672825	-1.48627		0.4884?4	0.726566	-1.37634	0.184383	0.527829	-1.89455	0.709858	0.843907	-1.18484	0.263462	0.654516	-1.52785	1.83111	5.973	2.89951	1
cg02288881	PTGR2;PTGR2;PTGR2	0.203237	0.02966S3	0.560183	-2.77637	0.436034	0.728332	-1.371	0.0992029	0.996023	-1.00399	0.350088	0.841651	-1.46164	0.459566	0.71225	-1.40412		?	?	?	0.197276	1.72242	1.72242	0.164311	1.80801	1.80801	0.735287	0.872128	-1.14662	1.84051	4.12328	2.24029	1
cg00859595	HSPB1	0.203242	0.0508283	0.360556	-2.77349	0.37311	0.657555	-1.52079	0.5568	0.761485	-1.31322	0.176361	0.517345	-1.93295	0.078414	0.408043	-2.45072		0.0860855	0.419123	-2.38593	0.0289484	0.307069	-3.25659	0.491607	0.725944	-1.37752	0.123061	0.626256	-1.59679	1.83107	6.09655	2.95956	1
cg29324737	MRPS23	0.203246	0.0370017	0.442266	-2.26063	0.728644	1.15222	1.15222	0.509201	0.799781	-1.25038	0.226356	0.642148	-1.55727	0.112114	0.640924	-1.56052		0.907325	0.959391	-1.04233	0.543956	0.790273	-1.26545	0.0514155	0.454027	-2.20227	0.08647	0.509581	-1.96244	1.83106	3.67508	1.78408	1
cg04890266	ADCY5	0.203251	0.175033	0.443966	-2.25243	0.0358307	0.252883	-3.9544	0.0326719	0.244832	-4.08444	0.262876	0.518325	-1.92929	0.387039	0.607039	-1.64734		0.6545?61	0.776048	-1.28858	0.865201	0.908781	-1.10038	0.37102	1.67719	1.67719	0.550248	1.81144	1.83103	9.19095	4.46182	1
cg26554507	CACNA1A;CACNA1A	0.203253	0.871392	1.08438	1.1194	0.0178733	1.12722	1.12722	0.560992	1.08308	1.07646	0.252229	1.22724	1.22724	0.0984455	1.10653	1.10653		0.6303?87	0.785558	1.13925	0.662684	0.500901	1.01206	0.0642653	2.35486	2.35486	0.0795	1.98323	1.83102	5.46253	2.51849	1
cg08707061	FUBP1	0.203257	0.964024	0.991214	-1.00886	0.107583	1.41002	1.41002	0.731035	1.06985	1.06985	0.407084	1.18049	1.18049	0.0630876	1.50538	1.50538		0.369785	0.835091	-1.19747	0.692137	0.925086	-1.08098	0.595192	0.900393	-1.11063	0.0343801	1.6207	1.6207	1.831	1.11017	0.538949	1
cg25480982	PHC1;WDR92	0.203259	0.152335	0.832237	-1.20015	0.324599	0.885721	-1.12902	0.0668779	1.27491	1.27491	0.161834	0.836773	-1.19507	0.0927462	1.01855	1.01855		0.132062	0.823735	-1.21398	0.525924	1.07968	1.07968	0.229631	1.04226	1.04226	0.311136	1.13316	1.13316	1.83099	0.412606	0.200351	1
cg05530603	TMEM150B	0.203261	0.0239344	0.61854	-1.61648	0.1204	1.45824	1.45824	0.357303	1.43755	1.43755	0.128645	1.60855	1.60855	0.0598436	0.61128	-1.63604		0.5355?03	1.14253	1.14253	0.284383	0.767593	-1.30277	0.461672	0.835388	-1.19703	0.34651	1.26196	1.83098	1.67036	0.810913	0.43615	1
cg06790581	CRADD	0.203261	0.111583	0.354913	-2.81759	0.13481	0.381484	-2.62134	0.328417	0.547182	-1.82754	0.7646	0.835681	-1.19663	0.0646027	0.289144	-3.45848		0.175087	0.422296	-2.36801	0.0218692	0.193129	-5.17788	0.826521	0.877039	-1.1402	0.187151	0.433566	-2.30646	1.83098	10.3613	5.03012	1
cg20918166	FAM184A	0.203263	0.943393	1.08203	-1.0487	0.232475	0.51565	1.51565	0.732196	1.1099	1.1099	0.0724019	0.599413	1.6683	0.437008	1.22434	1.22434		0.49474	0.83778	-1.19363	0.0314494	0.904621	1.10514	0.128908	1.12498	1.12498	0.0268	1.88886	1.83097	1.06153	0.31498	0.159911	1
cg04947850	TBC1D14;TBC1D14	0.203265	0.364669	1.18211	1.18211	0.2488	1.83253	-1.24174	0.173876	1.77128	-1.2968	0.69107	0.930771	-1.07438	0.377928	0.850229	1.17643		0.348755	1.18917	1.18917	0.349535	0.874224	0.960911	-1.04068	0.930818	0.650913	1.5363	1.83096	0.935428	0.454128	1
cg08455778	LOC645323	0.203265	0.241213	0.435461	-2.29642	0.471213	1.64323	1.64323	0.757485	1.23354	1.23354	0.707089	0.774293	-1.2915	0.122705	0.321954	-3.10603		0.5726?46	0.679562	-1.47154	0.0140093	0.12797	-7.81435	0.175078	0.376328	-2.65725	0.311247	0.491679	-2.03385	1.83096	13.3161	6.46463	1
cg17697105	CISG	0.203270	0.0270073	0.442266	-2.26063	0.728644	1.15222	1.15222	0.509201	0.799781	-1.25038	0.226356	0.642148	-1.55727	0.112114	0.640924	-1.56052		0.907325	0.959391	-1.04233	0.543956	0.790273	-1.26545	0.0514155	0.454027	-2.20227	0.08647	0.509581	-1.96244	1.83095	3.67508	1.78408	1
cg07153426	TOLLIP	0.203272	0.526264	0.789073	-1.26731	0.0605962	0.458172	-2.18259	0.0180189	0.346436	-2.88654	0.949185	0.976761	-1.02379	0.424316	0.748938	1.33522		0.109806	0.525666	-1.90235	0.498204	1.28875	1.28875	0.9677	0.985172	-1.01505	0.791957	0.907079	-1.10244	1.83093	3.94666	1.91605	1
cg15615645	C10orf26;C10orf26	0.203275	0.134304	2.18324	1.83324	0.0178	1.36199	1.36118	0.242405	1.31621	1.31621	0.162405	1.34821	1.34821	0.0424459	0.732163	1.36517		0.5338?03	1.3109	1.3109	0.0473745	0.0267317	2.94975	0.0178552	2.94975	2.94975	0.0178552	2.94975	2.94975	1.83092	0.0178552	0.00178552	0.00178552	0.00178552	1
cg20075270	ANUBL1;ANUBL1;ANUBL1;ANUBL1	0.203276	0.327013	0.870381	-1.14892	0.723091	0.952361	-1.05002	0.0739917	0.760942	-1.31416	0.438045	0.897154	-1.11464	0.186279	0.825108	1.21196		0.0117689	0.64943	-1.53981	0.160117	0.813914	-1.22863	0.45738	0.903176	-1.10941	0.1821	0.823408	-1.21446	1.83091	0.545832	0.264992	1
cg21128297	STS;STS;STS	0.203281	0.279049	1.33935	1.33935	0.853619	0.953181	-1.04912	0.964919	0.990097	-1.01	0.131627	1.52584	1.52584	0.308129	1.31505	1.31505		0.0230194	2.02052	2.02052	0.162376	0.144602	0.4569	0.0577573	1.74545	1.74545	0.212475	1.40626	1.40626	1.83089	1.95449	0.948898	1
cg15555395	OTUD3	0.203283	0.562537	1.1194	1.1194	0.0778733	1.84139	1.84139	0.268549	1.46818	1.46818	0.123969	1.57446	1.57446	0.0845188	1.50364	1.50364		0.2637?9	0.662527	-1.50917	0.251108	0.671612	-1.48896	0.149506	0.67076	-1.49107	0.398789	1.33212	1.33212	1.83087	1.19881	1.55302	1
cg15005368	MAG;MAG	0.203286	0.262062	1.97453	1.97453	1.58564	2.40269	2.40269	0.460781	0.646079	-1.5478	0.135362	2.55065	2.55065	0.150009	0.407484	2.45409		0.124668	2.63022	2.63022	0.326352	0.554601	-1.8031	0.798726	1.16027	1.16027	0.190616	2.23949	2.23949	1.83086	8.81343	4.76445	1
cg05750292	SHISA4;SHISA4	0.203286	0.0852952	0.571717	-1.75006	0.162284	0.162284	-6.16203	0.0150381	0.355651	-2.81206	0.952228	0.765862	-1.30582	0.0224206	0.476099	2.10044		0.1645?7	0.442293	-2.26102	0.306883	0.148447	0.2706	0.0178554	0.389856	2.56551	0.0178554	2.56551	2.56551	1.83085	0.17465	0.079196	1
cg05832500	TRIM4;TRIM4	0.203288	0.152188	0.522674	-1.91324	0.0653992	0.416932	-2.3984	0.244714	0.595513	-1.67922	0.362975	0.673357	-1.4851	0.824305	0.910234	1.09862		0.178262	0.546072	-1.83126	0.0176528	0.290833	-3.43839	0.787797	0.892151	-1.12089	0.143623	0.514442	-1.94385	1.83085	5.18807	2.51884	1
cg26714517	TCERG1;TCERG1	0.203288	0.295599	0.841744	-1.18801	0.838341	0.968073	-1.03298	0.788596	0.95821	-1.04361	0.471007	0.890052	-1.12353	0.973152	0.994669	-1.00536		0.354043	0.859456	-1.16353	0.0159021	0.6256	-1.59647	0.232135	0.859112	-1.12024	0.123557	1.30337	1.30337	1.83085	0.7316	0.355196	1
cg24823751	MIR1915;C10orf114	0.203289	0.162524	0.7117	-1.40488	0.300523	0.824167	-1.21354	0.0641541	0.355651	-2.81206	0.952228	0.765862	-1.30582	0.0224206	0.476099	2.10044		0.4726?1	0.442293	-2.26102	0.306883	0.148447	0.2706	0.0178554	0.389856	2.56551	0.0178554	2.56551	2.56551	1.83084	0.17465	0.079196	1
cg03002800	LRRC20;LRRC20;LRRC20	0.203292	0.566576	1.11083	1.11083	0.335966	1.19724	1.19724	0.0630762	0.684309	-1.46133	0.449175	1.15019	1.15019	0.264213	0.87357	-1.14473		0.201545	0.782932	-1.27725	0.176564	1.29779	1.29779	0.344454	0.801771	-1.24724	0.158758	0.760856	-1.31431	1.83084	0.954597	0.463467	1
cg13991938	FAM46A;FAM46A	0.203293	0.0158264	0.56102	-1.78251	0.0166	0.0166	0.0166	0.0166	0.0166	1.63112	1.63112	0.0828912	1.70905	0.0438562	1.1544	1.1544		0.3540?3	0.859456	-1.16353	0.0159021	0.6256	-1.59647	0.232135	0.859112	-1.12024	0.123557	1.30337	1.30337	1.83085	0.7316	0.355196	1
cg26584619	CRTC1;CRTC1	0.203296	0.140072	0.532239	-1.87886	0.845845	0.108039	1.08039	0.717564	0.865624	-1.15524	0.0467668	2.47042	2.47042	0.418844	0.720249	-1.38841		0.3828?68	0.700827	-1.42689	0.0924	0.479133	-2.0871	0.166427	0.556466	-1.79706	0.493523	0.758633	-1.31816	0.63811	0.494	0.47599	2.22172	1
cg08869181	CLCN6;CLCN6;MTHFR;CLCN6;CLCN6	0.2033	0.6245	1.0899	1.0899	0.0430513	1.09811	1.09811	0.188388	0.607359	0.915586	0.0933548	0.599413	0.599413	0.0684107	0.503671	1.98548		0.4726?1	0.442293	-2.26102	0.306883	0.148447	0.2706	0.0178554	0.389856	2.56551	0.0178554	2.56551	2.56551	1.83082	0.17465	0.079196	1
cg08403198	PTPN12;PTPN12;PTPN12	0.203298	0.213778	0.43921	0.43921	0.0680501	1.76535	1.76535	0.159925	0.38837	-2.63833	0.0233811	0.36347	0.36347	0.0369149	0.14865	-6.72731		0.0793?21	0.978501	-1.02197	0.0608154	0.555545	-1.80003	0.515298	1.2014	1.2014	0.351814	0.766056	-1.30539	1.83079	0.14901	0.08903	1
cg07190698	ZNF141 SDHC;SDHC;SDHC;SDHC;LOC642	0.203303	0.982335	0.996826	-1.00318	0.890377	1.02	1.02	0.054185	1.36851	1.36851	0.0811227	0.757576	-1.32	0.737941	1.04939	1.04939		0.1446?57	0.798568	-1.25224	0.48263	0.902627	-1.10788	0.658998	1.06584	1.06584	0.170617	1.23305	1.23305	1.83078	0.597662	0.290179	1
cg09131502	502;SDHC;SDHC;SDHC	0.203306	0.973519	1.00371	1.00371	0.517337	1.07607	1.07607	0.95436	1.00641	1.00641	0.0523752	1.27943	1.27943	0.346983	1.11423	1.11423		0.5669?88	0.937412	-1.06677	0.0242688	0.74086	-1.34978	0.710258	0.959177	-1.04256	0.909364	1.0128	1.0128	1.83077	0.361704	0.175617	1
cg15546091	CDRC28	0.203312	0.0511922	1.62746	1.62746	0.759539	0.915345	-1.07372	0.761575	0.931922	-1.07305	0.681401	1.30036	1.30036	0.292727	0.776574	-1.28774		0.56123	0.837252	-1.1458	0.0454269	1.01712	1.01712	0.0351768	1.76549	1.76549	0.173368	1.40128	1.40128	1.83074	1.55623	0.755607	1
cg07732920	HERC4;HERC4	0.203315	0.573103	1.12045	1.12045	-1.05163	0.875413	-1.14232	0.0218577	0.696967	-1.00967	0.991951	1.24823	1.24823	0.0109799	1.89162	1.89162		0.3177?69	0.979583	0.80384	0.200167	0.963766	-1.30279	0.163972	0.90987	-1.09906	0.667693	1.0901	1.0901	1.83072	1.1568	0.561673	1
cg15706657	GPM3I	0.203321	0.200803	0.712955	-1.40261	0.0628794	0.59214	-1.68879	0.208071	0.717191	-1.39433	0.210968	0.718902	-1.39101	0.102906	0.65801	-1.51973		0.940314	0.981424	-1.01893	0.329879	1.28632	1.28632	0.478969	1.19749	1.19749	0.0929414	0.629479	-1.58862	1.807	1.818	0.882725	1
cg08079580	BNIP3	0.203324	0.0279358	0.564552	-1.77088	0.0842252	0.694723	-1.43932	0.32447	1.1204	1.1204	0.789996	0.904101	-1.10602	0.0482	0.892884	1.12098		0.1502?8	0.923939	1.01744	0.187542	0.108348	0.1048	0.0239455	0.157272	1.57272	1.57272	0.0239455	1.83071	0.0239455	0.0478187	1
cg05798717	TFAP2D	0.203326	0.0727058	3.36769	3.36769	0.323118	1.85692	1.85692	0.447864	1.59856	1.59856	0.558274	0.698356	-1.43193	0.54811	0.691729	-1.44565		0.4583?1	1.58078	1.58078	0.0472274	0.962266	0.962266	0.0538132	3.72528	3.72528	0.223943	2.17013	2.17013	1.83067	10.6631	5.17749	1
cg20702056	NCOR2;NCOR2	0.203327	0.0499453	1.86503	-1.15598	0.146504	1.34105	1.34105	0.171268	1.31558	1.31558	0.5941	1.10658	1.10658	0.340652	0.831102	1.20369		0.810082	0.93568	-1.06438	0.502208	0.69137	0.69137	0.0443171	1.82931	1.82931	0.651942	1.08926	1.08926	1.83067	0.10791	0.049108	1
cg18278632	CD2H;CD2H;CD2H;CD2H;CD23	0.203328	0.64846	-1.00739	-1.00922	0.417396	0.842991	-1.18625	0.880876	1.03139	1.03139	0.0254216	0.578414	-1.72887	0.683977	1.52214	1.52214		0.44623	1.17353	1.17353	0.740202	0.933718	-1.07099	0.346708	1.22101	1.22101	0.703613	1.08196	1.08196	1.83066	1.23149	0.597959	1
cg01248567	ENOX1	0.203331	0.863881	1.06514	1.06514	0.163171	0.578462	-1.72872	0.0175967	0.345674	-2.8929	0.129111	0.547114	-1.82777	0.743767	0.886367	-1.1282		0.485015	1.29816	1.29816	0.775226	1.11103	1.11103	0.134804	0.552716	-1.80925	0.505592	0.780034	-1.28199	1.83065	3.92128	1.90401	1
cg05130295	SIN3A;SIN3A;SIN3A	0.203332	0.21811	1.3494	1.3494	0.0685384	1.49044	1.49044	0.0139968	1.21364	1.21364	0.799733	1.1663	1.1663	0.0853497	1.40945	1.40945		0.6851?3	1.02994	1.02994	0.903191	1.27383	1.27383	0.216138	1.26452	1.26452	0.0647864	0.947581	0.947581	1.83064	0.0947581	0.045768	1
cg16459020	CACNA1H;CACNA1H	0.203332	0.408174	0.903178	-1.1072	0.835246	1.02539	1.02539	0.0323399	1.35208	1.35208	0.670592	0.949803	-1.05285	0.491552	0.919343	-1.08773		0.0962794	1.24586	1.24586	0.174535	1.18987	1.18987	0.221535	1.16727	1.16727	0.239732	1.15973	1.83064	0.420008	0.203983	1
cg01220822	NOTCH1	0.203334	0.522308	1.1563	1.1563	0.0491419	0.845285	-1.18584	0.0624613	0.614219	-1.62226	0.14027	0.20348	2.03348	0.0128443	2.03348	2.03348		0.4077?8	1.40653	1.40653	0.0955435	0.20814	1.20814	0.0808816	1.61244	1.61244	0.112514	1.83064	1.83064	1.83074	0.0920815	0.0502774	1
cg12763402	TUN1;CRE83;TUN1	0.203341	0.572855	-1.92502S	-1.08105	0.141201	1.26495	1.26495	0.304182	1.15669	1.15669	0.9171	1.01434	1.01434	0.0145612	0.662578	1.50926		0.93932	1.01047	1.01047	0.88945	1.01921	1.01921	0.665783	1.06125	1.06125	0.618721	1.07104	1.07104	1.8306	0.5424?61	0.263404	1
cg08480739	UNC93B1	0.203344	0.500797	1.21923	1.21923	0.299246	0.731925	-1.36626	0.910477	1.03316	1.03316	0.355235	0.758917	-1.31767	0.745164	0.909735	1.09922		0.595468	1.16817	1.16817	0.0108347	2.52999	2.52999	0.370011	0.765641	-1.3061	0.922455	1.02865	1.02865	1.83059	2.4395	1.18456	1
cg25264101	PODN;L2CAF15;PODNL1	0.203345	0.827497	1.09243	1.09243	0.0954455	2.65575	2.65575	0.180204	1.63952	1.63952	0.104372	2.02643	2.02643	0.0581113	1.64572	2.02643		0.7714?6	1.37371	1.37371	0.130745	1.58542	1.58542

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(63T vs. N)	Fold-Change(63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg21855392	HLA-G	0.203559	0.286541	0.475609	-2.10257	0.132853	0.165588	-2.97099	0.164184	0.380676	2.70947	0.532982	0.654405	-1.52811	0.031212	0.183123	0.54681	0.179769	0.400788	-2.49508	0.159302	0.36422	-2.74559	0.0301885	0.180582	-2.53764	0.314121	0.497062	-2.01182	1.82957	15.0657	6.34792	1
cg00212988	GPR120	0.203563	0.399842	1.88326	1.88326	0.192522	0.36311	-2.75399	0.11267	3.55483	3.55483	0.95726	0.961401	-1.04015	0.0343591	0.163191	-6.12779	0.365996	0.505523	1.97815	0.399253	0.530554	-1.88482	0.2717337	0.431572	-2.31711	0.403842	0.533979	-1.87273	1.82955	15.6312	7.59444	1
cg24952380	LOC100128640;ACVR2B	0.203563	0.0893481	0.754392	-1.32557	0.612717	1.07983	1.07983	0.0898245	0.754771	-1.32491	0.232211	0.826194	-1.20745	0.38897	1.14206	1.14206	0.055597	0.721539	-1.38593	0.138094	0.786442	-1.27155	0.651757	0.933927	-1.07075	0.821305	1.03462	1.03462	1.82955	0.655945	0.318691	1
cg01177664	PNPLA6;PNPLA4	0.203564	0.142083	3.90603	3.90603	0.266548	2.71631	2.71631	0.210655	3.12259	3.12259	0.665484	1.45575	1.45575	0.442092	0.508328	-1.96724	0.862431	0.860945	-1.1615	0.0270584	0.57805	0.572808	3.74915	3.74915	0.0957187	0.853173	0.853173	1.82954	21.5946	10.4918	1
cg16793394	OTX2	0.203565	0.278388	0.333017	-3.00285	0.0269408	0.0776317	-12.8813	0.0651637	0.132676	-7.53716	0.576625	0.175371	1.73571	0.38427	0.418828	-2.38761	0.576601	0.576777	-1.73377	0.0574675	0.122936	-8.13431	0.590023	0.588222	-1.70004	0.262895	0.320231	-3.12275	1.82954	27.5766	13.3982	1
cg12002314	CHRAC1;CHRAC1	0.203566	0.113499	0.72163	-1.38575	0.0321341	1.60877	1.60877	0.248125	1.25699	1.25699	0.215883	0.78135	-1.27964	0.627018	1.0972	1.0972	0.585874	0.900328	-1.10984	0.542372	1.12392	1.1232	1.1232	0.452143	1.15616	1.15616	1.82953	1.03984	0.505212	1
cg16089031	INTS1	0.203569	0.0791085	0.59385	-1.68393	0.215224	1.41724	1.41724	0.385754	0.788448	-1.26831	0.319768	1.31631	1.31631	0.080084	0.595068	-1.68048	0.330372	0.764532	-1.30799	0.690879	0.898663	-1.11276	0.134419	0.640561	-1.5395	0.239108	0.719243	-1.39035	1.82953	2.07048	1.00596	1
cg12111193	LRCH1;KIF3B;WDFY4	0.203569	0.460419	0.617738	-1.61881	0.0682205	3.93027	3.93027	0.0907784	0.302848	-3.30199	0.542037	1.48535	1.48535	0.197506	0.573911	-1.74242	0.0795853	0.23456	-4.26319	0.0176348	0.0972448	-10.2833	0.0178997	0.0796853	0.23456	-4.26319	0.0176348	0.0972448	-10.2833	0.0178997	0.0796853	1.82952	11.9036	5.78348	1
cg16786028	TRPS1	0.203574	0.226009	1.12482	1.12482	0.50621	1.06434	1.06434	0.0850752	1.91263	1.91263	0.922514	1.08095	1.08095	0.810884	1.00948	1.00948	0.0664488	0.826508	-1.20978	0.144695	0.55597	1.15597	0.231954	1.12298	1.12298	0.977742	0.997422	0.997422	1.82952	0.2480333	0.120511	1
cg26072437	CLCN3;CLCN3	0.203576	0.112022	0.449851	-2.22296	0.878383	1.07325	1.07325	0.118629	0.457485	-2.18586	0.713567	1.18553	1.18553	0.289026	0.601658	-1.66207	0.548304	0.755472	-1.32368	0.0164965	0.258632	-3.86649	0.1310093	0.471176	-2.12235	0.70647	0.839751	-1.19083	1.82949	6.17457	3.00002	1
cg20188341	LY6G6E;LY6G6E;LY6G6D	0.203578	0.362986	0.699101	-1.43042	0.0779667	1.72633	1.72633	0.0911253	1.97227	1.97227	0.734842	1.72828	1.72828	0.0784808	0.393337	-2.54207	0.7002	0.703254	-1.42178	0.0794844	0.350261	-2.85561	0.2670	0.749966	-1.33355	0.0706	0.468883	1.82948	0.21388	0.143204	1
cg13668777	PDHA1	0.203578	0.168917	0.404062	-2.47487	0.0777661	0.297637	-3.3598	0.715947	0.797772	-1.25349	0.0340267	0.61674	0.61674	0.40111	0.594056	-1.68334	0.293863	0.510103	-1.96039	0.985462	1.01133	0.81033	0.93093	1.12143	1.12143	0.708679	1.26117	1.26117	1.82948	1.07049	5.38095	1
cg09877744	MAPKBP2;MAPKBP2	0.203581	0.455642	1.51154	1.51154	0.587062	0.744845	-1.34864	0.483451	0.626108	-1.47449	0.648233	0.778386	-1.28473	0.317755	1.64542	1.64542	0.122552	0.24005	-4.16795	0.0201001	0.04159	4.6159	0.137326	0.124021	2.45803	0.0469644	0.001564	-1.10906	1.82947	8.61697	4.18821	1
cg06908618	LOC100129637	0.203584	0.724522	1.1962	1.1962	0.647447	0.792053	-1.26254	0.141439	2.22691	2.22691	0.406167	1.53766	1.53766	0.469332	0.688858	-1.45168	0.53806	0.729304	-1.37117	0.60166	0.30366	1.30366	0.120015	0.425726	-2.34893	0.0290024	0.168106	0.168106	1.82945	7.42763	3.60892	1
cg07382437	MGC14436;MGC14436;C12orf34	0.203587	0.919424	1.02939	1.02939	0.471146	1.2335	1.2335	0.0601824	0.545037	-1.83474	0.213248	1.45535	1.45535	0.0183528	0.577869	-1.7305	0.315347	1.34612	1.34612	0.462917	1.23851	0.209659	0.684873	-1.46012	0.680072	1.12337	1.12337	1.82944	2.37471	1.15382	1
cg22241443	KDM2A;KDM2A	0.203587	0.402388	1.49405	-1.33424	0.0995262	1.83693	1.83693	0.0983994	0.544022	1.84022	0.854436	1.06374	1.06374	0.104288	0.550107	-1.81742	0.261626	0.55604	-1.79843	0.0992055	0.0966555	-1.00316	0.808144	0.921403	-1.0853	0.497828	0.79328	-1.26059	1.82944	1.3865	0.59393	1
cg13773914	TRPC3	0.203588	0.952165	0.972116	-1.02868	0.803504	1.12471	1.12471	0.980016	1.01188	1.01188	0.684222	1.21259	1.21259	0.604542	0.781703	-1.27926	0.870554	1.07991	1.07991	1.00508484	0.174528	-5.72973	0.9009491	1.06045	1.06045	0.71007	1.19248	1.19248	1.82943	0.43863	3.12842	1
cg18455152	LRP3	0.203593	0.0389608	1.78216	1.78216	0.539169	0.860441	-1.16219	0.494940	1.1824	1.1824	0.874588	0.962553	-1.03893	0.796045	0.939476	-1.06442	0.433444	1.21319	1.21319	0.0660386	1.64635	0.261214	1.32748	1.32748	0.0540751	1.69656	1.69656	1.82941	1.69354	0.822873	1
cg00095220	ABR;ABR;ABR	0.203595	0.261265	0.595554	-1.67951	0.446621	0.709529	-1.40939	0.0367001	2.92617	2.92617	0.755994	1.14785	1.14785	0.0802629	0.436521	-2.29084	0.27774	0.606944	-1.6476	0.641291	1.23067	1.23067	0.341733	1.54243	1.54243	0.901987	1.05601	1.05601	1.8294	5.6697	2.75486	1
cg26184522	ZNF408;ARHGAP1	0.2036	0.405129	1.21809	1.21809	0.2089136	1.81594	1.81594	0.533406	1.15732	1.15732	0.266775	1.30733	1.30733	0.84619	0.956015	-1.04601	0.411137	0.823117	-1.21489	0.147734	1.43293	1.43293	0.283777	0.772655	-1.29424	0.304651	0.781752	-1.27918	1.82938	1.5543	0.755229	1
cg21422208	RFT1	0.203601	0.0996023	0.73098	-1.36918	0.129587	1.20705	1.20705	0.0776557	0.827303	-1.20871	0.144773	0.857487	-1.16631	0.0856781	1.40564	1.40564	0.963017	1.03835	-1.03835	0.425869	0.844374	1.18402	0.0810906	0.842004	-1.23159	0.472041	1.14011	1.14011	1.82937	0.930914	0.454229	1
cg26818390	STAM2;STAM2	0.203606	0.299555	0.88807	-1.12604	0.989272	0.998517	-1.00149	0.493326	0.926065	-1.07984	0.0250244	1.3423	1.3423	0.66958	1.04854	1.04854	0.810928	0.973886	-1.02681	0.0518869	0.7833303	-1.27664	0.683456	0.955745	-1.0463	0.992823	1.00099	1.00099	1.82935	0.353193	0.171618	1
cg12119206	GPAM	0.203613	0.47988	0.587171	-1.70307	0.438656	1.11767	1.11767	0.0815598	1.10981	1.10981	0.732095	0.924424	-1.08175	0.394958	0.993127	-1.00685	0.0570463	0.90505	-1.10509	0.744918	0.0922727	-1.10885	0.32532	1.15004	1.15004	0.0218999	1.1943	1.1943	1.82931	8.65997	4.13821	1
cg14846981	PLEKHG4B	0.203615	0.658973	0.882142	-1.1336	0.147363	1.55112	1.55112	0.155541	0.65111	-1.53584	0.288525	1.36492	1.36492	0.6612135	0.551246	-1.81407	0.334059	1.32486	1.32486	0.33271	1.32596	1.32596	0.277961	1.37512	1.37512	0.55023	1.18609	1.18609	1.82931	2.30968	1.12231	1
cg25188442	UBOX5;FASTKD5;UBOX5	0.203616	0.0192108	0.653791	-1.52954	0.2613773	0.149855	0.452365	0.0202852	0.638973	-1.20353	0.982001	0.996622	-1.00339	0.0874917	0.753525	-1.3271	0.355647	0.867155	-1.1532	0.274544	0.843199	-1.18566	0.0930155	0.805082	0.75568	-1.32331	1.8293	0.652009	0.316823	1
cg21928243	LOC100189589	0.203618	0.153965	2.16286	2.16286	0.459566	0.779331	1.63693	0.0983994	0.677331	1.63693	0.648307	0.32073	0.32073	0.0148584	0.283113	-3.53193	0.276766	?	?	?	?	?	?	?	?	?	1.82928	1.08868	0.223614	0.518893	-1.92718	3.99545	1.76934	1
cg03313676	DNAJC5 C21orf91;C21orf91;C21orf91;C21orf91;C21orf91	0.203624	0.0281391	0.482282	-2.07348	0.723054	0.904769	-1.10525	0.167006	0.660775	-1.51337	0.938778	1.02184	1.02184	0.784584	1.08011	1.08011	0.180909	0.670631	-1.49113	0.512268	0.829505	-1.20554	0.471955	0.814012	-1.22848	0.099539	1.66152	1.66152	1.82926	2.2917	1.1136	
cg25178399	C21orf91;C21orf91 SPATA22;SPATA22;SPATA22;SPATA22;S	0.203624	0.24045	0.750379	-1.33266	0.50564	1.15153	1.15153	0.925689	0.978437	-1.02204	0.230813	0.745483	-1.34141	0.0625898	1.63175	1.63175	0.395052	0.815839	-1.22573	0.596275	1.13307	1.13307	0.94134	0.974912	-1.02573	0.046135	1.70562	1.70562	1.82926	1.58184	0.76866	1
cg07922387	PATA22;SPATA22;ASPA	0.203625	0.436007	0.737868	-1.35526	0.323231	0.676857	-1.47742	0.074047	0.466951	-2.14155	0.263968	0.640561	-1.56113	0.0270582	0.367446	-2.72149	0.0320259	0.382546	-2.61406	0.743998	0.88219	-1.13354	0.491422	0.765424	-1.30647	0.202027	0.507325	-1.67413	1.82926	4.2392	2.05995	1
cg06438881	NELF;NELF;NELF;NELF	0.203626	0.66397	0.846676	-1.18109	0.0244886	0.360456	-2.77426	0.0445979	0.415588	-2.40623	0.576256	0.806556	-1.23984	0.0919658	0.493441	-2.02658	0.441093	1.34867	1.34867	0.516934	0.773079	-1.28215	0.421001	0.731242	-1.36754	0.750731	0.885722	-1.12902	1.82926	4.20027	2.04103	1
cg00915802	DENND3	0.203644	0.6093344	0.872995	-1.14577	0.597655	0.710553	-1.40853	0.0155533	1.42755	1.42755	0.0210121	1.08743	1.08743	0.626732	1.08878	1.08878	0.0913227	1.08832	1.08832	0.0198107	0.2917067	0.907079	0.1090703	1.80622	1.80622	0.0135565	1.0141	1.0141	0.479823	1.88279	-1.1277	0.824075	1
cg11043990	RNF157	0.203642	0.617696	0.866268	-1.15438	0.83152	1.06267	1.06267	0.249083	1.41015	1.41015	0.452509	1.24402	1.24402	0.766001	0.918375	0.1088888	0.171482	0.660108	-1.5149	0.0242608	0.4647624	-2.15164	0.102357	0.6004991	-1.6653	0.863548	1.0503	1.0503	1.82918	2.35802	1.14588	1
cg17572445	FARP1;FARP1	0.203646	0.0957638	0.756693	-1.30605	0.851896	0.973094	-1.02765	0.0575204	1.36817	1.36817	0.140429	1.26041	1.26041	0.131779	0.788671	-1.26796	0.500324	1.10499	1.10499	0.879176	1.02381	1.02381	0.538651	1.0951	1.0951	0.807833	1.0362	1.0362	1.82916	0.616959	0.299814	1
cg22161052	PSMD6	0.203655	0.376256	1.10499	1.10499	0.2622	0.648385	-1.23178	0.181238	1.77691	1.77691	0.194272	1.16906	1.16906	0.688826	1.18219	1.18219	0.0860029	0.565385	-1.76918	0.0553558	0.1440822	-6.94258	0.0044932	0.0570463	-17.5355	0.344818	0.0228199	1.19462	1.10014	1.82914	2.60108	1.26462	1
cg00458295	ACOXL;ACOXL;ACOXL	0.203655	0.0399084	0.572234	-1.74754	0.678012	1.1031	1.1031	0.792204	0.939831	-1.06402	0.150619	1.43631	1.43631	0.988322	0.996566	-1.00345	0.613201	0.887093	-1.12728	0.311816	1.27879	1.27879	0.938707	0.982088	-1.01824	0.0575011	0.603567	-1.65682	1.82911	1.6002	0.777642	1
cg09133647	PAR10	0.203655	0.0770304	0.7135	-1.40139	0.20202	0.583645	-1.71526	0.0617382	0.895515	-1.52835	0.221335	0.967376	-1.0335	0.0944292	0.450573	-2.21939	0.288844	0.941367	-1.06252	0.0604943	0.4414357	-2.26524	0.0170277	0.401889	-2.48825	0.0752227	0.379	-2.63977	1.82911	0.63683	0.273801	1
cg08548498	SLPI	0.203661	0.217744	1.76703	1.76703	0.135085	0.22845	-2.02845	0.198703	0.55083	-1.81544	0.615616	1.2489	1.2489	0.5975	1.34351	1.34351	0.534743	1.31789	1.31789	0.565159	1.29085	1.29085	0.0139771	1.79145	3.79145	0.650795	1.22149	1.22149	1.82909	1.58439	2.71386	1
cg12417466	ARPP-21 HYAL1;HYAL1;HYAL1;HYAL1;HYAL1;HYAL1;HY	0.203661	0.191237	0.255549	-3.91315	0.170481	0.23711	-4.21746	0.723623	1.14917	1.14917	0.4889	0.499977	-2.00009	0.119344	0.188906	-5.29363	0.214161	0.275403	-3.63104	0.0216478	0.0659584	-15.1611	0.0743957	0.140858	-7.09937	0.3062	0.351851	-2.84211	1.82909	28.162	13.686	1
cg16913124	AL1;HYAL3	0.203662	0.2094	0.444478	-2.24983	0.933778	0.95031	-1.05225	0.3486	1.80655	1.80655	0.563053	1.44096	1.44096	0.945905	0.243332	-4.10961	0.434029	0.61309	-1.63108	0.0474695	0.249176	-4.01322	0.380996	0.576534	-1.7345	0.164252	0.402693	-2.48328	1.82908	10.8813	5.32806	1
cg14489366	PRUNE2	0.203663	0.629365	1.17983	1.17983	0.32612	0.826699	-1.20526	0.213083	0.854853	-1.16979	0.488862	0.915387	-1.09266	0.3826	1.1826	1.1826	0.247918	0.859451	-1.16322	0.0516824	0.0968753	-10.3225	0.0516604	0.247918	-4.03271	0.0703274	0.104933	-9.53187	1.82907	0.223474	0.122307	1
cg20091523	FAM111A;FAM111A;FAM111A	0.203662	0.856099	0.97023	-1.03068	0.0789257	0.721164	-1.38665	0.1265	1.31912	1.31912	0.0361308	0.664771	-1.50428	0.792531	1.04516	1.04516	0.654823	1.07831	1.07831	0.504589	1.12014	1.12014	0.845646	0.96787	-1.0332	0.418279	1.14865	1.14865	1.82908	0.813271	0.39523	1
cg16858463	MAP4;MAP4;MAP4	0.203664	0.623065	1.13807	1.13807	0.495871	0.72335	-1.27027	0.266058	1.56408	1.56408	0.0789464	0.509194	-1.96389	0.464139	0.772757	-1.29407	0.971846	1.01141	1.01141	0.856137	0.9225	1.16654	0.2940909	0.97911	1.45737	0.454183	0.85376	0.853576	1.82907	3.46744	1.6851	1
cg13021277	HIVEP1	0.203665	0.331188	0.623923	-1.60726	0.907758	0.647168	-1.55078	0.0640755	0.813024	-1.22998	0.360166	0.642504	-1.55641	0.0446498	0.308218	-3.23817	0.120257	0.446691	-2.22375	?	0.794644	-1.25906	0.2717049	0.245512	-4.07312	0.9142	1.57842	1.57842	1.82906	2.64405	1	
cg12113981	CHRNA7	0.203672	0.382865	0.675175	-1.4811	0.140299	0.4984	-2.00642	0.0486088	0.372054	-2.68778	0.349223	0.655097	-1.52649	0.0737914	0.41696	-2.39831	0.453573	0.715261	-1.39809	0.158601	0.5161044	-1.9376	0.182686	1.8602	1.8602	0.816056	0.90278	-1.10769	1.82903	5.5808	2.7122	1
cg17868752	CITED1;CITED1;CITED1;CITED1	0.203674	0.0872769	0.464283	-2.15407	0.113866	0.214116	-4.67211	0.0227305	0.276706	-3.61571	0.170374	0.180451	-5.54052	0.0178247	0.0894422	-11.1829	0.168024	0.154414	-6.47881	0.0157728	0.0894422	-11.1829	0.0178247	0.168024	0.154414	-6.47881	0.0157728	0.0894422	-11.1829	0.0178247	0.168024	1.82903	4.78407	2.33151	1
cg24063658	PTPRN2;PTPRN2;PTPRN2	0.203674	0.35176	0.84777	-1.17957	0.418504	1.15311	-1.15311	0.277403	0.823107	-1.21491	0.641676	1.08412	1.08412	0.158141	0.771177	-1.29672	0.515825	1.12024	1.12024	0.0245122	1.5868	1.5868	0.328313	1.18991	1.18991	0.59563	1.0967	1.0967	1.82903	2.8603301	0.418098	1
cg17527563	UN78 BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;B DNF;BDNF;BDNF;BDNF;BDNF;BDNF;BD	0.203675	0.850777	1.05856	1.05856	0.27769	0.710977	-1.40652	0.169609	1.55597	1.55597	0.0685447	1.85172	1.85172	0.798046	1.08056	1.08056	0.773569	1.09108	1.09108	0.192084	1.51777	1.51777	0.102385	1.71621	1.71621	0.155144	0.631471	-1.5836	1.82902	2.64497	1.28543	1
cg25328597	NF;BDNF;BDNF;BDNF	0.203682	0.591369	0.813472	-1.2293	0.0398561	2.47207	2.47207	0.311402	1.49026	1.49026	0.783322	0.900318	-1.11072	0.585061	1.23372	1.23372	0.357918	1.43353	1.43353	0.595257	0.8152665	-1.2266	0.0374745	0.50841	2.50841	0.126733	1.87618	1.82899	4.20345	2.04287	1
cg24385709	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.203682	0.250148	0.813349	-1.22949	0.543768	0.899263	-1.11202	0.832281	0.964199	-1.03713	0.0337805	1.53132	1.53132	0.553739	1.10847	1.10847	0.262582	1.22239	1.22239	0.277744	0.823621	-1.21415	0.190721	0.788052	-1.26895	0.313792	0.836028	-1.19613	1.82899	0.856083	0.416057	1
cg00628178	SHC4	0.203689	0.658812	0.816319	-1.27936	0.53622	0.706621	-1.41518	0.188162	0.461561	-2.16656	0.819729	1.13491	1.13491	0.077087	0.336283	-2.97369	0.605905	0.749358	-1.33448	0.0900478	0.158641	-6.30355	0.840079	0.894028	-1.11853	0.505349	0.936309	-1.06802	1.82895	8.90358	4.32722	1
cg08923109	PAN3;PAN3	0.203692	0.154984	0.707775	-1.41288	0.191982	0.730778	-1.3684	0.0831385	0.646844	-1.54597	0.50414	0.857328	-1.16641	0.48575	0.851418	-1.17451	0.426173	0.831501	-1.20264	0.0413844	1.70613	1.70613	0.877334	0.965532	-1.0357	0.859228	1.04114	1.04114	1.82894	1.49377	0.725993	1
cg18331165	MRK37;DAPK3	0.203694	0.197463	0.729426	-1.37078	0.0931586	0.95613	-1.04597	0.0615208	0.778378	-1.27239	0.175061	0.949414	-1.05309	0.0772391	0.437206	-2.28671	0.0722938	0.742808	-1.34617	0.0570151	0.142808	-7.00107	0.0136631	0.145286	0.902593	0.979443	-1.02099	0.503165	0.834486	-1.19814	1.82893	0.833677	0.405518	1
cg02215560	TBCD;ZNF750	0.203698	0.259877	0.839965	-1.19053	0.331229	0.16039	0.16039	0.541047	0.912273	-1.09616	0.362088	0.870223	-1.14913	0.66453	0.937307	-1.06689	0.224941	0.827681	-1.2082	0.0277996	0.147088	0.147088	0.814499	1.23229	0.82098	0.966928	-1.0342	1.82891	0.637775	0.309971	1
cg16200325	INPP5A	0.203699	0.0878774	0.728517	-1.37243	0.0988465	0.58308	-1.71488	0.0232514	0.788288	0.139556	0.602033	0.41123	-2.43122	0.2922263	0.574762	-1.74003	0.0319662	0.540645	-1.85009	0.0210249	0.49494	-2.02045	0.0178473	0.0976119	-10.2488	0.0278473	0.0154425	0.0154425	1.82889	3.82745	2.09363	1
cg02827046	PATE2	0.203701	0.36928	1.10282	1.10282	0.476019	0.925959	-1.07996	0.0574127	0.796027	-1.25624	0.172636	1.16656	1.16656	0.638932	1.05144	1.05144	0.472338	1.08068	1.08068	0.0469091	1.27308	1.27308	0.685209	0.957666	-1.04421	0.854204	0.980665	-1.01972	1.8289	0.326333	0.158606	1
cg15243542	PURB;PURB	0.203701	0.107319	0.17672	-5.65867	0.332758	0.267843	2.67843	0.643557	1.58325	1.58325	0.801031	1.28274	1.28274	0.120932	0.190455	-5.25057	0.388899	0.418654	-2.38861	0.0322181	0.0843034	-11.8619	0.284012	0.33371	-2.99661	0.24329	0.300018	-3.33314	1.8289	28.164	13.6884	1
cg25069674	SYNGAP1	0.203703	0.149814	0.499237	-2.00311	0.222	0.648386	-1.54251	0.218532	0.415815	2.4113	0.705956	1.22333	1.22333	0.0928504	0.813432	-1.22931	0.0826219	0.912407	1.09564	0.6125	0.7701	1.1491	1.1491	0.7502044	0.884804	-1.18511	0.574675	0.739685	1.35193	1.8289	0.409184	0.198143	1
cg01881828	MFSD7	0.203703	0.155115	0.564225	-1.77234	0.158382	0.567134	-1.76331	0.545469	0.794411	-1.25879	0.807926	0.912456	-1.09594	0.226926	0.620525	-1.61154	0.39626	0.721244	-1.38649	0.0585227	0.447553	-2.23437	0.0134414	0.316242	-3.16213	0.527227	0.785869	-1.27248	1.82889	4.09842	1.99194	1
cg02123124	LETM2	0.203709	0.388394	0.6423	-1.55708	0.104269	0.674871	-1.48168	0.0418107	0.834198	-1.19924	0.682508	0.984344	-1.01577	0.923746	0.708206	-1.41204	0.269317	0.606993	-1.75441	0.0522278	0.339957	-2.94155	0.347026	0.822304	-1.21596	0.160506	0.9816	0.98784	-1.0133	1.82886	0.91623	0.36152	1
cg25729068	TC2N;TC2N;TC2N	0.203709	0.316453	0.97326	1.97326	0.762647	1.21991	1.21991	0.466283	1.6267	1.6267	0.361841	1.84989	1.84989	0.0194967	1.15677	1.15677	0.432993	0.591488	-1.69065	0.109549	0.318354	-3.14115	0.937191	0.940593	-1.06308	0.970173	0.976484	1.02408	1.82886	12.4752	6.06337	1
cg20779019	CCNH C2dot(24;C2dot(24;C2dot(24;C2dot(24;	0.203711	0.171013	0.777941	-1.28544	0.527238	1.11667	1.11667	0.659179	0.926389	-1.07946	0.015226	0.598417	-1.67108	0.890141	1.02409	1.02409	0.233578	1.24004	1.24004	0.296433	0.829862	-1.20502	0.676466	0.930258	-1.07497	0.645188	1.03815	1.03815	1.82885	0.859558	0.417777	1
cg19230912	C20orf24	0.203712	0.9157	1.01851	1.01851	0.203273	1.26185	1.26185	0.9455	1.01191	1.01191	0.142432	1.31399	1.31399	0.294868	1.21208	1.21208	0.475674	1.13385

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg16123101	FAM58/FAM58	0.203883	0.723369	0.900736	0.1102	0.0138267	0.24722	0.439414	1.33595	1.346276	0.5821	1.5821	0.646377	0.872939	0.0920962	1.73237	1.73237	0.907937	1.07839	1.07839	0.348348	1.32845	1.32845	0.484407	1.23265	1.82804	2.50522	1.21817
cg14595252	RAB31	0.203886	0.0910328	0.729072	-1.37161	0.277686	0.825617	-1.21122	0.286428	1.20672	1.20672	1.612	0.148604	0.768751	-1.30081	0.448587	1.14007	1.14007	0.043459	0.674239	-1.48315	0.735201	1.05932	1.05932	0.263216	0.820045	-1.21945	0.9312	0.985449	-1.01477	1.82803	0.834211	0.40564	1
cg10710439	ZNF781	0.203886	0.115174	0.40284	-2.48238	0.0527323	0.310715	-3.21839	0.509938	0.7013	1.42459	0.8764	0.9207	-1.08613	0.0966696	0.37982	-2.63282	0.133731	0.423786	-2.35968	0.0495896	0.304485	-3.28423	0.997175	0.998122	-1.00188	0.64784	1.27649	1.27649	1.82802	8.15775	3.96676	1
cg20671941	TNFRSF13B	0.203888	0.0803451	0.333577	-2.99781	0.179514	0.446267	-2.24096	0.525057	0.694529	-1.43983	0.341871	0.574482	-1.7407	0.0513835	0.284992	-3.50924	0.216904	0.479346	-2.0861	0.054243	0.290438	-3.44308	0.0452106	0.272429	-3.67068	0.413292	0.622895	-1.60541	1.82802	9.27405	4.50959	1
cg25266880	MYO15B	0.20389	0.353044	1.27868	1.27868	0.308394	0.762452	-1.31156	0.128985	0.65571	-1.52506	0.669863	0.895541	-1.11664	0.528237	0.848417	-1.17867	0.080362	1.64705	1.64705	0.684241	0.900159	-1.11092	0.0703181	0.594263	-1.68276	0.359399	1.27433	1.27433	1.82801	1.91599	0.931672	1
cg19837298	TNRC18	0.203891	0.196387	0.505275	-1.97912	0.133223	0.442965	-2.25751	0.247185	0.546279	-1.83057	0.217326	0.52739	-1.91281	0.0517369	0.330794	-3.02303	0.0457904	0.318497	-3.1374	0.181508	0.492253	-2.03148	0.10942	0.418043	-2.3921	0.0827447	0.382851	-2.61198	1.828	7.22908	3.51524	1
cg26506013	SEC24A;SEC24A	0.203894	0.549453	1.11698	1.11698	0.352469	1.19097	1.19097	0.60037	0.907963	-1.10137	0.544721	0.894068	-1.11848	0.0569734	0.674732	-1.48207	0.394892	0.852858	-1.17253	0.0603894	0.679207	-1.4723	0.599258	1.1017	1.1017	0.163339	1.31226	1.31226	1.82799	0.965916	0.469693	1
cg25487650	STMN3	0.203898	0.949058	0.97509	-1.02585	0.0769092	0.21331	1.21273	0.0441264	1.24604	1.24604	1.24604	0.38181	1.39214	1.39214	0.115661	0.529999	-1.8868	0.665698	0.834478	-1.21209	0.209198	0.592911	-1.68659	0.365169	0.663577	-1.51154	0.973529	1.01484	1.01484	1.82791	5.70718	2.77533	1
cg26519342	ALDOA;ALDOA;ALDOA;ALDOA	0.203916	0.308211	0.604341	-1.65409	0.314419	0.606496	-1.64882	0.327852	0.61738	-1.61975	0.733077	0.894004	-1.11757	0.0090434	0.205082	-4.87509	0.974669	0.10528	0.10528	0.060929	0.431542	-2.31727	0.795641	0.88344	-1.13194	0.162221	0.490397	-2.03916	1.82788	6.60036	3.20984	1
ch.2.26855096F	SAP130;SAP130	0.203918	0.0607275	0.285191	-3.50642	0.125446	0.373797	-2.67525	0.0749852	0.308311	-3.24348	0.0256031	0.207296	-4.82401	0.311718	0.537403	-1.8608	0.474882	0.649734	-1.53909	0.140441	0.390235	-2.56256	0.476211	0.6506505	-1.53703	0.816667	0.871274	-1.14774	1.82787	10.1931	4.95689	1
cg20538446	BTBD2	0.203918	0.781618	0.894152	-1.11838	0.266186	0.642779	-1.5575	0.0154969	0.204899	-2.37978	0.260032	0.623126	-1.60481	0.48119	0.790669	-1.3341	0.800398	0.903032	-1.10738	0.34581	0.74207	-1.34727	0.184792	1.36375	1.76175	0.949077	0.974614	-1.02605	1.82787	4.69236	2.28188	1
cg23408253	ANO8	0.203923	0.780425	1.06236	1.06236	0.23969	0.766806	-1.30538	0.478187	0.855493	-1.16802	0.725129	1.07941	1.07941	0.300264	1.26156	1.26156	0.083748	0.0783468	1.52698	1.52698	0.0250571	1.7806	1.7806	0.912217	1.02416	1.02416	0.265254	1.2857	1.2857	1.82785	1.35635	0.659597	1
cg18359296	AHR	0.203926	0.133366	1.20687	1.20687	0.37313	1.19004	1.19004	0.58116	0.840162	1.19004	1.19004	0.58816	0.850913	0.0759027	-1.04501	0.0457884	0.310228	0.107888	0.58316	1.71478	0.0509027	1.96501	1.96501	0.0558896	4.70933	0.0583912	4.6256	4.6256	1.82784	3.4307	1.92058	1
cg20285725	NKAIN2	0.203928	0.23444	0.418739	-2.38812	0.897902	1.0938	1.0938	0.0485793	0.207306	-4.82379	0.249074	0.21988	2.31968	0.20541	0.393339	2.54233	0.542499	0.650127	-1.53816	0.0510862	0.21188	-4.71964	0.56349	1.50366	1.50366	0.370581	1.526145	1.90062	1.82783	1.44.217	6.86752	1
cg14225719	TMC1	0.20393	0.235718	0.499102	-2.00396	0.360086	1.63744	1.69274	0.854897	0.902666	-1.10783	0.0480904	0.267095	-3.74598	0.0869128	0.347295	-2.8794	0.227469	0.492267	-2.03142	0.0909763	0.364451	-2.74385	0.149625	0.421395	-2.37307	0.328648	0.568931	-1.75768	1.82782	9.05861	4.40531	1
cg17444339	CHST11	0.203933	0.461601	0.749859	-1.33405	0.183044	0.443418	0.698158	0.160846	0.256858	-3.89355	0.0256886	0.185732	0.850398	0.0438153	0.206613	-4.83944	0.0998354	0.0900006	0.85573	1.16859	0.0509027	1.96501	1.96501	0.0558896	4.70933	0.0583912	4.6256	4.6256	1.82784	3.4307	1.92058	1
cg18678763	RRM1	0.203933	0.915453	1.02987	1.02987	0.0155411	0.27607	0.27607	0.278118	1.36693	1.36693	0.408786	0.791245	-1.26383	0.19221	0.68211	-1.46604	0.927214	1.02565	1.02565	0.824183	1.06361	1.06361	0.520113	1.19805	1.19805	0.212755	1.43864	1.43864	1.82781	2.22353	1.08133	1
cg17037155	SLC4A11	0.203934	0.515953	1.13892	1.13892	0.4333071	2.80666	2.80666	0.122902	2.0807	2.0807	2.0807	0.122284	2.10342	2.10342	0.391843	0.277386	-1.47626	0.665698	0.834478	-1.21209	0.209198	0.592911	-1.68659	0.365169	0.663577	-1.51154	0.973529	1.01484	1.01484	1.82791	5.70718	2.77533	1
cg09158087	GPR133	0.203935	0.0451233	0.314675	-3.17788	0.232322	0.552502	-1.87761	0.333481	0.604575	-1.6516	0.162392	0.472271	-2.11743	0.0198078	0.242906	-4.11681	0.974669	0.10528	0.10528	0.060929	0.431542	-2.31727	0.795641	0.88344	-1.13194	0.162221	0.490397	-2.03916	1.82788	6.60036	3.20984	1
cg05066387	PCDHB7	0.203935	0.023983	1.85016	1.85016	0.0563556	1.63834	1.63834	0.277867	1.29411	1.29411	0.503655	1.16772	1.16772	0.743855	0.927825	-1.07779	0.474882	0.649734	-1.53909	0.140441	0.390235	-2.56256	0.476211	0.6506505	-1.53703	0.816667	0.871274	-1.14774	1.82787	10.1931	4.95689	1
cg11495062	DCLRE1A	0.203938	0.754731	1.08128	1.08128	0.2709394	0.133117	0.133117	0.741279	1.64163	1.64163	1.64163	0.13101	0.59999	1.22129	1.22129	0.0753702	0.0780669	0.0780669	1.3341	1.3341	0.0780669	1.3341	1.3341	0.0780669	1.3341	1.3341	0.0780669	1.3341	1.78653	1.82786	1.82786	1.82786

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error
cg12375308	KIAA1549P	0.204204	0.0207329	0.091676	-7.12108	0.300544	0.191377	-5.22529	0.678639	0.526137	1.96064	0.260057	5.99146	5.991462	8.26006	8.26006	0.175457	0.108528	-9.21418	0.719865	0.574017	-1.74211	0.884964	1.25	1.25	0.980688	1.03801	1.03801	1.82652	68.7271	33.4465	1
cg06720722	TP63;TP63;TP63	0.204208	0.818833	1.15967	1.15967	0.0922991	0.302294	-3.30804	0.0737553	0.276085	-3.62207	0.890771	0.915102	-1.09277	1.178962	0.397774	2.51399	0.395511	0.570144	-1.75394	0.505821	0.646672	-1.54638	0.0651203	3.80817	3.80817	0.894325	1.0896	1.0896	1.82651	12.0606	5.86941	1
cg03030857	GRIK4	0.204212	0.6648141	0.234468	-4.26497	0.527339	1.56505	1.56505	0.559801	0.662044	-1.51047	0.226664	0.411553	-2.42982	0.0261062	0.157828	-6.33602	0.18008	0.369471	-2.70657	0.242204	0.424824	-2.35391	0.270679	0.448381	-2.23024	0.138774	0.328068	-3.04815	1.82649	14.1505	6.88655	1
cg05213626	CCDC53	0.204214	0.1658807	0.605837	-1.50187	0.968097	1.03107	1.03107	0.0188529	2.18807	2.18807	0.187317	0.680675	-1.46913	0.525184	0.837552	-1.1939	0.780347	1.07999	1.07999	0.30108	1.34303	1.34303	0.968558	1.03091	1.03091	0.768733	1.08454	1.08454	1.82648	2.19168	1.06662	1
cg13652169	GAB4	0.204214	0.9480665	0.985048	-1.01518	0.034443	1.76912	1.76912	0.0722865	1.59026	1.59026	0.341848	0.797313	-1.25421	0.774562	1.06867	1.06867	0.363987	0.805934	-1.2408	0.272138	1.3026	1.3026	0.270312	1.30402	1.30402	0.552453	0.87203	-1.14912	1.82648	1.54726	0.753002	1
cg26427436	FAM59A	0.204217	0.507385	1.47028	1.47028	0.0331749	4.16501	4.16501	0.0836851	2.99468	2.99468	0.218068	2.10088	2.10088	0.884956	0.932094	-1.07301	0.691095	0.795448	-1.25715	0.137431	0.550433	-1.68795	0.0991905	2.81686	2.81686	0.883182	0.910207	-1.09889	1.82647	9.49657	4.62171	1
cg04657146	HOOK2;HOOK2	0.204219	0.820246	0.851412	-1.17452	0.0136986	8.62365	8.62365	0.400738	0.544484	-1.8366	0.816334	0.848372	-1.17873	0.961233	0.96623	-1.03495	0.930146	0.939913	-1.06393	0.925706	1.06814	1.06814	0.224856	2.4621	2.4621	0.161546	0.347637	-2.87656	1.82646	14.4497	7.03232	1
cg23709946	MGC45800	0.204222	0.25248	2.14206	2.14206	0.173735	2.61868	2.61868	0.606013	1.39316	1.39316	0.537669	1.43805	1.43805	0.211996	2.13143	2.13143	0.112777	0.31538	3.01538	0.0151757	2.69277	0.619329	2.672896	2.87286	0.118763	2.942218	0.94218	1.82645	11.7487	5.71781	1
cg02046102	YTHDC2	0.204223	0.61965	0.883125	-1.13246	0.418295	1.23208	1.23208	0.408491	1.24289	1.24289	0.564129	0.863117	-1.15859	0.614552	0.902758	-1.10778	0.986126	1.0044	1.0044	0.709278	0.521284	-1.91834	0.116988	3.53718	3.53718	0.152638	1.47223	1.47223	1.82644	1.84394	0.897407	1
cg23908834	ZMYND8;ZMYND8;ZMYND8	0.204222	0.742724	1.15022	1.15022	0.407417	0.697637	-1.43341	0.26345	1.64101	1.64101	0.373159	1.47468	1.47468	0.0354893	0.353412	-2.82956	0.979972	0.989391	-1.01072	0.063953	0.41286	-2.42213	0.613077	0.805206	-1.24192	0.236653	0.590483	-1.69353	1.82644	5.22186	2.54137	1
cg00396059	FAM49B	0.204223	0.0883384	1.558077	1.558077	0.0196254	1.87967	1.87967	0.0117705	1.324494	1.37143	1.37143	0.180149	0.778913	1.2466	0.40204	1.38004	0.724504	0.183254	1.37143	0.184393	1.06324	1.06324	0.0305153	2.28561	2.28561	0.842697	1.06362	1.06362	1.82643	2.78743	1.35659	1
cg21089246	EIF4ENIF1;EIF4ENIF1;EIF4ENIF1	0.204224	0.188375	0.665575	-1.50246	0.540539	1.19838	1.19838	0.332671	1.34769	1.34769	0.0259259	0.461947	-2.16475	0.317409	0.739433	-1.35239	0.152905	0.699464	-1.56381	0.738066	0.90662	-1.103	0.171569	0.653678	-1.5298	0.702553	1.11859	1.11859	1.82643	2.46789	1.20108	1
cg07949744	PRC28S	0.204227	0.0653436	0.389055	-2.57073	0.844209	1.09131	1.09131	0.0144828	2.264779	1.92402	0.220969	0.555688	-1.79957	0.458744	0.708919	-1.4106	0.584104	0.734592	-1.36168	0.313992	0.63358	-1.57833	0.0540868	1.984859	1.984859	0.184668	0.526275	-1.89843	1.82642	0.61448	2.02715	1
cg15469966	CHFR;CHFR;CHFR;CHFR;CHFR	0.204231	0.167614	0.824948	-1.2122	0.69594	0.949914	-1.05273	0.532836	0.918275	-1.089	0.9315986	1.39062	1.39062	0.4193397	0.89768	-1.11398	0.269908	1.16219	1.16219	0.164712	1.21401	1.21401	0.823263	1.0297	1.0297	0.431081	0.900627	-1.11034	1.8264	0.495133	0.240976	1
cg01599709	HBEGF	0.204231	0.0909955	1.82013	1.82013	0.333554	1.37683	1.37683	0.148657	1.64321	1.64321	0.165322	1.60715	1.60715	0.0306136	1.81826	1.81826	0.358013	1.35398	1.35398	0.29077	0.703635	-1.42119	0.126614	0.588727	-1.69858	0.219173	1.51331	1.51331	1.8264	2.97339	1.44712	1
cg00387170	FOXP4;FOXP4;FOXP4	0.204236	0.779028	0.922385	-1.18415	0.157998	1.17619	1.17619	0.661979	1.18278	1.18278	0.822628	1.05361	1.05361	0.524558	1.37671	1.37671	0.860947	1.15045	1.15045	0.521983	1.2049	1.2049	0.483078	0.814866	-1.2272	0.370995	1.30192	1.30192	1.82638	1.38622	1.16136	1
cg06779705	FAM123A;FAM123A	0.204236	0.645052	0.79785	-1.25337	0.189276	1.96806	1.96806	0.0245804	3.68256	3.68256	0.196955	1.94283	1.94283	0.757347	0.859942	-1.16287	0.359561	0.632142	-1.58192	0.822177	1.11583	1.11583	0.4085	0.662589	-1.50923	0.171307	2.03225	2.03225	1.82638	6.85678	3.33716	1
cg24819375	MCC	0.204244	0.0522312	0.182751	-5.44213	0.44009	0.545541	-1.82869	0.769326	1.25312	1.25312	0.181559	0.33833	-2.95569	0.116337	0.269968	-3.70414	0.191568	0.946155	-1.05688	0.0494726	0.179052	-5.58466	0.0668228	0.209665	-4.76976	0.406656	0.521344	-1.91812	1.82634	17.0298	8.28848	1
cg27583604	PLK3	0.204245	0.20498	0.640976	-1.56037	0.148872	1.04888	1.04888	0.189167	0.630197	-1.5858	0.488873	0.263945	3.793	0.0139441	0.26343	3.7959827	0.15333	0.223346	1.53034	1.53034	0.0450071	2.14907	2.14907	0.256248	1.48307	1.48307	0.256737	0.674574	-1.48244	1.82631	3.19912	1.55705	1
cg13640972	PTPRN2;PTPN2;PTPRN2	0.204251	0.124209	0.677493	-1.47603	0.422115	1.21142	1.21142	0.796708	1.06159	1.06159	0.381923	1.23335	1.23335	0.182649	0.718366	-1.39205	0.266654	0.762854	-1.31087	0.0525574	0.597193	-1.6745	0.911863	0.974435	-1.02624	0.081501	0.636602	-1.57084	1.8263	1.5823	0.77013	1
cg06120501	LAMA2;LAMA2	0.204253	0.8397443	1.03592	1.03592	0.944179	0.688572	-1.1214	0.628476	1.0887	1.0887	0.0774371	0.707522	1.41327	0.0424123	0.860918	-1.14986	0.138524	1.32042	1.32042	0.80395	0.797254	-1.25441	0.0104412	0.0954888	0.683296	-1.45922	0.123101	0.747402	-1.33797	1.8263	0.878724	0.427689	1
cg09853792	COL22A1	0.204256	0.0983577	0.377064	-2.65207	0.0387203	0.274276	-3.64596	0.0208064	0.223796	-4.46835	0.48283	0.68131	-1.46776	0.0906496	1.00629	1.00629	0.188563	0.472585	-2.11602	0.670512	0.794331	-1.25892	0.794556	0.8690606	-1.15074	0.484842	0.682551	-1.46509	1.82628	8.37296	4.07529	1
cg04460200	AP2A1;AP2A1;AP2A1;AP2A1	0.204259	0.812413	1.07952	1.07952	0.0206099	1.40405	1.40405	0.0218245	1.84725	1.84725	0.426525	1.2897	1.2897	0.0154314	2.18123	2.18123	0.556134	0.884274	1.1649	1.1649	0.0357982	1.11351	1.11351	0.0598719	1.13938	1.13938	0.139512	1.15209	1.15209	1.82627	1.29218	0.490283	1
cg00689225	NFKBIA	0.204266	0.398807	0.684301	-1.46134	0.0145607	3.74914	3.74914	0.214836	1.77433	1.77433	0.764327	0.876305	-1.14116	0.344615	1.53342	1.53342	0.770772	1.1369	1.1369	0.143435	1.99461	1.99461	0.552856	0.30169	0.30169	0.530746	0.756639	-1.32163	1.82623	1.57813	2.71507	1
cg01222076	UCK2	0.204271	0.226815	1.42471	1.42472	0.942952	0.380234	-1.02016	0.704386	0.899126	-1.11219	0.612516	0.867216	-1.15312	0.94356	1.31095	1.31095	0.0938496	1.6814	1.6814	0.0349579	2.30397	2.30397	0.220043	1.43219	1.43219	0.464295	1.23093	1.23093	1.82621	2.25065	1.09548	1
cg02383434	DIO3;NOXA1	0.204272	0.71108	0.815632	-1.72624	0.673008	0.516048	1.81608	0.0613783	2.73828	2.73828	0.167776	1.65987	1.65987	0.0164594	2.19901	2.19901	0.158607	1.2515	1.2515	0.154382	1.32296	1.32296	0.0615284	1.92386	1.92386	0.757609	1.18479	1.18479	1.82621	6.67762	4.22375	1
cg02770112	PHC1	0.204274	0.541525	1.04986	1.04986	0.27367	0.914221	-1.09383	0.162135	0.889132	-1.12469	0.4828	0.945392	-1.05776	0.394652	0.933664	-1.07105	0.496263	1.05589	1.05589	0.0451706	0.834495	-1.19833	0.0338479	0.822791	-1.21538	0.91424	1.08052	1.08052	1.8262	0.17927	0.0872583	1
cg01589412	COMMD1	0.204278	0.627318	1.13983	1.13983	0.487282	1.30749	1.30749	0.0260504	1.64563	1.64563	0.0183402	1.14916	1.14916	0.401783	1.52737	1.52737	0.129482	0.731575	1.5855	1.5855	0.0834041	1.52124	1.52124	0.0188993	1.84586	1.84586	0.917482	1.41398	1.41398	0.821818	2.06719	1.0062	1
cg23770127	MFN2;MFN2	0.204283	0.784901	1.16078	1.16078	0.112623	1.75497	1.59427	0.634271	1.30053	1.30053	0.366534	1.66101	1.661101	0.0144646	2.442129	2.26178	0.204029	1.08818	1.08818	0.340208	0.590202	-1.69434	0.030938	0.767799	-1.3021	0.0950492	0.307078	2.2565	1.90259	6.75332	3.57836	1
cg19657380	ZFAT	0.204301	0.993009	1.00447	1.00447	0.312629	1.70111	1.70111	0.060225	2.93957	2.93957	0.712787	0.828533	-1.20695	0.0667949	0.351519	-2.8448	0.134329	0.439835	-2.27358	0.856471	1.09648	1.09648	0.275328	1.78133	1.78133	0.864454	0.916749	-1.09081	1.82607	7.48515	3.64361	1
cg16339663	CC2D2A	0.204305	0.370863	0.777109	-1.28675	0.0800704	1.64563	1.64563	0.0180402	1.90301	1.90301	0.0625255	1.84683	1.84683	0.0433106	2.1057	2.1057	0.178116	1.26145	1.26145	0.0437301	1.84167	1.84167	0.0347639	2.05711	2.05711	0.480197	1.58378	1.58378	1.82605	11.8722	5.77917	1
cg22327312	DLG2;DLG2;DLG2	0.204306	0.701033	1.13992	1.13992	0.576553	1.22298	1.22298	0.591046	0.831825	-1.20218	0.948271	1.02203	1.02203	0.0910256	0.389301	-2.56871	0.9953	1.002	1.002	0.617607	0.842938	-1.18633	0.0478759	2.15518	2.15518	0.91335	1.03764	1.03764	1.82605	3.33269	1.6223	1
cg01182555	HIF1A;HIF1A	0.204311	0.975237	0.977799	1.02262	0.0206699	1.40405	1.40405	0.0218245	1.84725	1.84725	0.426525	1.2897	1.2897	0.0154314	2.18123	2.18123	0.556134	0.884274	1.1649	1.1649	0.0357982	1.11351	1.11351	0.0598719	1.13938	1.13938	0.139512	1.15209	1.15209	1.82627	1.29218	0.490283	1
cg08446038	ITGA2	0.204315	0.484379	1.32932	1.32932	0.350025	0.680209	-1.47014	0.0570694	0.422125	-2.36896	0.997794	0.706928	-1.41457	0.327779	1.4988	1.4988	0.668191	0.841359	-1.18855	0.0492628	0.406956	-2.45727	0.590467	2.24314	1.24314	0.139432	0.528801	-1.89107	1.826	4.64094	2.25919	1
cg10719100	COMMD5;COMMD5;COMMD5	0.204318	0.851864	1.04638	1.04638	0.257072	1.68552	1.68552	0.194463	1.39494	1.39494	0.993715	0.998097	-1.00191	0.963976	1.09889	1.09889	0.588623	1.14212	1.14212	0.0270638	0.530115	-1.88638	0.673342	1.10829	1.10829	0.541961	1.16149	1.16149	1.82599	1.70064	0.827867	1
cg06380894	TTLL8	0.204325	0.223078	1.68183	1.68183	0.0232424	0.515141	-1.95913	0.361455	0.588095	-1.69867	0.0844273	0.475424	-2.12127	0.0282859	0.315994	-4.31791	0.259698	1.54676	1.54676	0.0139067	0.387834	-2.57843	0.233488	0.493777	-2.0252	1.32596	0.22918	1.49283	1.82598	2.70663	1
cg02620157	PLEKHH3	0.204327	0.480165	0.883646	-1.13167	0.517345	1.11978	1.11978	0.0562635	0.688954	-1.45148	0.450678	0.875937	-1.14164	0.425492	0.869133	-1.15057	0.223367	0.802289	-1.24643	0.410418	0.502835	-1.68681	0.983239	0.969386	-1.00363	0.852875	0.96851	-1.03251	1.82595	0.859022	0.41818	1
cg15589354	UBR2;TAF5L;TAF5L	0.204329	0.0384033	0.294966	-3.39266	0.0183698	0.824274	-1.21319	0.246502	0.459409	-2.17599	0.0773078	0.278204	-3.59507	0.0116482	0.156643	-6.38214	0.15208	0.556072	-1.79831	0.0337371	0.198158	-5.05156	0.0127758	0.609596	-1.64055	0.129449	0.453893	0.746762	-1.33911	1.82593	5.57813	2.71507	1
cg19713038	TBX3;TBX3;TBX3;TBX3	0.204332	0.444451	0.716619	-1.39544	0.0529778	0.55988	-1.78588	0.866165	0.930441	-1.07476	0.340685	0.657256	-1.52148	0.614762	0.805007	-1.24223	0.398719	0.691223	-1.44671	0.572643	0.783751	-1.27592	0.0335615	0.28988	0.28988	0.995985	0.997851	-1.00215	1.82592	0.28312	2.57191	1
cg00966762	HADHA;HADHB;HADHB	0.204333	0.889586	0.979647	-1.02078	0.925541	0.986258	-1.01393	0.972549	1.00511	1.00511	0.70578	1.05779	1.05779	0.0376272	1.69703	1.69703	0.583183	0.92113	-1.08562	0.41121	0.882668	-1.13293	0.375433	1.14475	1.14475	0.986216	0.997446	-1.00256	1.90233	0.646236	0.264217	1
cg06939061	UBR2;KCOR3;KCOR3;KCOR3	0.204339	0.271581	0.8965	-1.23711	0.316425	0.872474	-1.21319	0.246502	0.459409	-2.17599	0.0773078	0.278204	-3.59507	0.0116482	0.156643	-6.38214	0.15208	0.556072	-1.79831	0.0337371	0.198158	-5.05156	0.0127758	0.609596	-1.64055	0.129449	0.453893	0.746762	-1.33911	1.82589	5.57813	2.71507	1
cg19713038	TBX3;TBX3;TBX3;TBX3	0.204332	0.444451	0.716619	-1.39544	0.0529778	0.55988	-1.78588	0.866165	0.930441	-1.07476	0.340685	0.657256	-1.52148	0.614762	0.805007	-1.24223	0.398719	0.691223	-1.44671	0.572643	0.783751	-1.27592	0.0335615	0.28988	0.28988	0.995985	0.997851	-1.00215	1.82592	0.28312	2.57191	1
cg00966762	HADHA;HADHB;HADHB	0.204333	0.889586	0.979647	-1.02078	0.925541	0.986258	-1.01393	0.972549	1.00511	1.00511	0.70578	1.05779	1.05779	0.0376272	1.69703	1.69703	0.583183	0.92113	-1.08562	0.41121	0.882668	-1.13293	0.375433	1.14475	1.14475	0.986216	0.997446	-1.00256	1.90233	0.646236	0.264217	1
cg06939061	UBR2;KCOR3;KCOR3;KCOR3	0.204339	0.271581	0.8965	-1.23711	0.316425	0.872474	-1.21319	0.246502	0.459409	-2.17599	0.0773078	0.278204	-3.59507	0.0116482	0.156643	-6.38214	0.15208	0.556072	-1.79831	0.0337371	0.198158	-5.05156	0.0127758	0.609596	-1.64055	0.129449	0.453893	0.746762	-1.33911	1.82589	5.57813	2.71507	1
cg01574390	METTL9;METTL9	0.204341	0.464631	0.760672	-1.31463	0.410438	1.3626	1.3626	0.610396	1.20789	1.20789	0.285203	1.50407	1.50407	0.560091	0.805269	-1.24182	0.729865	0.880372	-1.13598	0.274688	0.65853	-1.51853	0.013747	2.90092	2.90092	0.309986	0.679668	-1.47131	1.82588	1.90688	1.90198	1
cg15702349	OPCML	0.204343	0.871303	0.967661	-1.03357	0.0762554	0.518681	1.91973	0.0161968	2.73828	2.73828	0.167776	1.65987	1.65987	0.0164594	2.19901	2.19901	0.158607	1.2515	1.2515	0.154382	1.32296	1.32296	0.0615284	1.92386	1.92386	0.757609	1.18479	1.18479	1.82621	6.67762	4.22375	1
cg17460713	ZNF879	0.204347	0.88253	0.968921	-1.03208	0.862531	1.0377	1.0377	0.0258463	0.568359	-1.75945	0.800884	1.05544	1.05544	0.0498405	1.61232	1.61232	0.558608	0.881346	-1.13463	0.899801	1.02726	1.02726	0.229518	0.763967	-1.30896	0.972873	1.00729	1.00729	0.82585	1.31849	0.641889	1
cg06939061	MANEA	0.204347	0.758693	0.982623	-1.01768	0.499081	1.04603	1.04603	0.0258463	0.568359	-1.75945	0.800884	1.05544	1.05544	0.0498405	1.61232	1.61232	0.558608	0.881346	-1.13463	0.899801	1.02726	1.02726	0.229518	0.763967	-1.30896	0.972873	1.00729	1.00729	0.82585	1.31849	0.641889	1
cg01574390	METTL9;METTL9	0.204341	0.464631	0.760672	-1.31463	0.410438	1.3626	1.3626	0.610396	1.20789	1.20789	0.285203	1.50407	1.50407	0.560091	0.805269	-1.24182	0.729865	0.880372	-1.13598	0.274688	0.65853	-1.51853	0.013747	2.90092	2.90092	0.309986	0.679668	-1.47131	1.82588	1.90688	1.90198	1
cg15702349	OPCML	0.204343	0.871303	0.967661	-1.03357	0.0762554	0.518681	1.91973	0.0161968	2.73828	2.73828	0.167776	1.65987	1.65987	0.0164594	2.19901	2.19901	0.158607	1.2515	1.2515	0.154382	1.32296	1.32296	0.0615284	1.92386	1.92386	0.757609	1.18479	1.18479	1.82621	6.67762	4.22375	1
cg17460713	ZNF879	0.204347	0.88253	0.968921	-1.03208	0.862531	1.0377	1.0377	0.0258463	0.568359	-1.75945	0.800884	1.05544	1.05544	0.0498405	1.61232	1.61232	0.558608	0.881346	-1.13463	0.899801	1.02726	1.02726	0.229518	0.763967	-1.30896	0.972873	1.00729	1.00729	0.82585	1.31849	0.641889	1
cg04201587	MANEA	0.204347	0.758693	0.982623	-1.01768	0.499081	1.04603	1.04603	0.0258463	0.568359	-1.75945	0.800884	1.05544	1.05544	0.0498405	1.61232	1.61232	0.558608	0.881346	-1.13463	0.899801	1.02726	1.02726	0.229518	0.763967	-1.30896	0.972873	1.00729	1.00729	0.82585	1.31849	0.641889	1
cg26215149	EGFL8	0.204351	0.466652	0.95011	-1.05221	0.555826	1.02222	1.02222	0.0258463	0.568359	-1.75945	0.800884	1.05544	1.05544	0.0498405	1.61232	1.61232	0.558608	0.881346	-1.13463	0.899801	1.02726	1.02726	0.229518	0.763967	-1.30896	0.972873	1.00729	1.00729	0.82585	1.31849	0.641889	1
cg22549853	COPS2;COPS2	0.204352	0.0509935	0.526923	-1.89781	0.734631	1.1028	1.1028	0.323738	0.745934	-1.3406	0.249115	0.4019	-2.48915	0.707646	-1.41314	0.0254321	0.465843	-2.14665	0.182784	0.665913	-1.5017	0.586791	0.853997	-1.17096	0.436455	1.25649	1.25649	0.495799	0.819631	-1.22006	1.82583	2.39186	1.16446	1
cg19906397	SMARCB1;SMARCB1	0.204356	0.269833	0.765708	-1.30615	0.0824054	0.58353	-1.71374	0.0180402	1.90301	1.90301	0.0625255	1.84683	1.84683	0.0433106	2.1057	2.1057	0.178116	1.26145	1.26145	0.0437301	1.84167	1.84167	0.0347639	2.05711	2.05711	0.480197	1.58378	1.58378	1.82605	11.8722	5.77917	1
cg22327312	DLG2;DLG2;DLG2	0.204306	0.701033	1.13992	1.13992	0.576553	1.22298	1.22298	0.591046	0.831825	-1.20218	0.948271	1.02203	1.02203	0.0910256	0.389301	-2.56871	0.9953	1.002	1.002	0.617607	0.842938	-1.18633	0.0478759	2.15518	2.15518	0.91335	1.03764	1.03764	1.82605	3.33269	1.6223	1
cg01182555	HIF1A;HIF1A	0.204311	0.975237	0.977799	1.02262	0.0206699	1.40405	1.40405	0.0218245	1.84725	1.84725	0.426525	1.2897	1.2897	0.0154314	2.18123	2.18123	0.556134	0.884274	1.1649	1.1649	0.0357982	1.11351	1.11351	0.0598719	1.13938	1.13938	0.139512	1.15209	1.15209	1.82627	1.29218	0.490283	1
cg08446038	ITGA2	0.204315	0.483479	1.32932	1.32932	0.350025	0.680209	-1.47014	0.0570694	0.422125	-2.36896	0.997794	0.706928	-1.41457	0.327779	1.4988	1.4988	0.668191	0.841359	-1.18855	0.0492628	0.406956	-2.45727	0.590467	2.24314	1.24314	0.139432	0.528801	-1.89107	1.826	4.64094	2.25919	1
cg10719100	COMMD5;COMMD5;COMMD5	0.204318	0.851864	1.04638	1.04638	0.257072	1.68552	1.68552	0.194463	1.39494	1.39494	0.993715	0.998097	-1.00191	0.963976	1.09889	1.09889	0.588623	1.14212	1.14212	0.0270638	0.530115	-1.88638	0.673342	1.10829	1.10829	0.541961	1.16149	1.16149	1.82599	1.70064	0.827867	1
cg06380894	TTLL8	0.204325	0.223078	1.68183	1.68183	0.0232424	0.515141	-1.95913	0.361455	0.588095	-1.69867	0.0844273	0.475424	-2.12127	0.0282859	0.315994	-4.31791	0.259698	1.54676	1.54676	0.0139067	0.387834	-2.57843	0.233488	0.493777	-2.0252	1.32596	0.22918	1.49283	1.82598	2.70663	1
cg06620157	PLEKHH3	0.204327	0.480165	0.883646	-1.13167	0.517345	1.11978	1.11978	0.0562635	0.688954	-1.45148	0.450678	0.875937	-1.14164	0.425492	0.869133	-1.15057	0.223367	0.802289	-1.24643	0.410418	0.502835	-1.68681	0.983239	0.969386	-1.00363	0.852875	0.96851	-1.03251	1.82595	0.859022	0.41818	1
cg15589354	UBR2;TAF5L;TAF5L	0.204329	0.0384033	0.294966	-3.39266	0.0183698	0.824274	-1.21319	0.246502	0.459409	-2.17599	0.0773078	0.278204	-3.59507	0.0116482	0.156643	-6.38214	0.15208	0.556072	-1.79831	0.0337371	0.198158	-5.05156	0.0127758	0.609596	-1.64055	0.129449	0.453893	0.746762	-1.33911	1.82593	5.57813	2.71507	1
cg19713038	TBX3;TBX3;TBX3;TBX3

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. 100)	p-value(105T vs. 107T)	Fold-Change(105T vs. 057T vs. 100)	p-value(111T vs. 107T)	Fold-Change(111T vs. 117T vs. 100)	p-value(112T vs. 107T)	Fold-Change(112T vs. 127T vs. 100)	p-value(121T vs. 107T)	Fold-Change(121T vs. 217T vs. 100)	p-value(347T vs. 107T)	p-value(347T vs. 347T vs. 100)	p-value(353T vs. 107T)	Fold-Change(353T vs. 537T vs. 100)	p-value(353T vs. 537T)	Fold-Change(537T vs. 537T vs. 100)	p-value(537T vs. 537T)	Fold-Change(5 vs. 37T vs. 100)	p-value(563T vs. 107T)	Fold-Change(5 vs. 63T vs. 100)	F(Error)	SS(Test)	SS(Error)	F(Error)
cg04741636	P9;PAR9	0.204613	0.480667	0.910997	-1.08802	0.217241	0.858321	-1.16506	0.449096	0.913223	-1.09502	0.820929	0.973672	-1.02704	0.193457	0.699498	-1.4296	0.04870 15	0.767243	-1.30337	0.109162	0.814175	-1.22824	0.581327	0.936556	-1.06774	0.518277	0.925822	-1.08012	1.8246	0.402212	0.194971	1
cg04575083	CY65R2	0.204614	0.042786	35.5199	35.5199	0.155568	10.2421	10.2421	0.906072	0.834666	-1.19808	0.91924	0.856179	-1.16798	0.129848	12.2461	12.2461	0.130886	12.1508	12.1508	0.937218	1.12819	1.12819	0.078605	19.9034	19.9034	0.0934039	16.8659	16.8659	1.8246	67.7387	33.0003	1
cg19138271	GNB1L;C22orf29	0.204616	0.546622	1.27951	1.27951	0.688633	1.17674	1.17674	0.300598	0.548428	-1.54254	0.156614	0.542123	-1.8446	0.721074	1.15588	1.15588	0.157135	1.302311	-1.30705	0.70042	1.16908	1.16908	0.197856	0.57696	-1.73122	0.638554	1.21067	1.21067	1.82459	0.473846	2.29871	1
cg05232802	NOM1	0.204616	0.492049	0.881621	-1.13402	0.158725	1.31195	1.31195	0.831051	1.03926	1.03926	0.610321	0.911520	-1.09706	0.501822	1.13072	1.13072	0.343624	0.83876	-1.19224	0.0148321	0.582615	-1.7164	0.729803	1.06448	1.06448	0.5006691	1.1311	1.1311	1.82459	0.938687	0.457303	1
cg01108316	EIF3M	0.204621	0.584998	0.876941	-1.14033	0.663173	0.900906	-1.10999	0.730307	1.08589	1.08589	0.153344	1.40918	1.40918	0.204491	1.37553	1.37553	0.357157	0.798114	-1.25295	0.0210763	0.516532	-1.93599	0.533886	1.16387	1.16387	0.6914	1.09967	1.09967	1.82456	0.618654	0.798265	1
cg20083989	DAD1	0.204627	0.10398	0.753376	-1.32736	0.639478	1.07805	1.07805	0.883528	0.976918	-1.02363	0.073513	1.37415	1.37415	0.800175	1.04123	1.04123	0.600985	1.0877	1.0877	0.35839	1.16236	1.16236	0.417314	1.14116	1.14116	0.0318579	1.49286	1.49286	1.82454	0.733318	0.357263	1
cg20139775	RRG;BRI3	0.204631	0.361748	0.804198	-1.24347	0.352326	0.80018	-1.24916	0.719682	1.08738	1.08738	0.614829	1.12517	1.12517	0.021058	0.521119	-1.91895	0.370644	0.807603	-1.23823	0.1836564	1.39153	1.39153	0.725715	0.92339	-1.08152	0.151575	0.69968	-1.42923	1.82452	1.5612	0.760902	1
cg00124004	CPNE3	0.204631	0.614394	1.0961	1.0961	0.95032	0.978337	-1.02214	0.328835	1.07266	1.07266	0.9602916	1.46652	1.46652	0.889588	1.02541	1.02541	0.09266222	0.715896	-1.39685	0.124327	0.740391	-1.35064	0.406723	0.857868	-1.16568	0.295618	1.2164	1.2164	1.82451	0.942753	0.459302	1
cg11455975	FUCA1	0.204633	0.847805	0.951587	-1.05088	0.0260072	1.97859	1.97859	0.2715	0.744048	-1.344	0.415685	1.23969	1.23969	0.816376	1.06192	1.06192	0.480205	1.20364	1.20364	0.185954	0.696151	-1.43647	0.565089	0.860532	-1.16207	0.183205	0.694378	-1.44014	1.82451	1.92749	0.939062	1
cg03057168	MORN1	0.204636	0.882771	1.03515	1.03515	0.363497	0.803604	-1.24439	0.931155	1.02044	1.02044	0.80963	1.05813	1.05813	0.660587	1.10899	1.10899	0.512215	1.16839	1.16839	0.0142023	2.07237	2.07237	0.291698	1.29195	1.29195	0.177596	0.715015	-1.39857	1.82449	1.58394	0.771692	1
cg02056653	PCDHGA4;PCDHGC3;PCDHGA12;PCDHGA11;PCDHGA1;PCDHGA9;PCDHGA1;	0.204636	0.0767978	0.21372	-4.67902	0.106144	0.250668	-3.98933	0.863705	0.873965	-1.14421	0.31878	0.492626	-2.02994	0.046754	0.167774	-5.9604	0.232744	0.374886	-2.66748	0.0472107	0.16857	-5.93226	0.158048	0.306245	-3.26536	0.175164	0.32286	-3.09732	1.82449	17.7645	8.65482	1
cg17800714	ATP6AP1	0.204643	0.199268	0.0887372	-10.1279	0.0726285	0.950524	-1.05205	0.888096	0.786255	-1.27185	0.216556	0.36203	-2.76033	0.206403	0.364015	-2.74703	0.76038	0.976316	-1.02466	0.166079	0.66079	-1.51326	0.0595585	-1.05198	0.0207417	0.0880625	-11.354	2.83371	75.2273	41.0245	1
cg04371780	ELFN1	0.204644	0.305538	1.42809	1.42809	0.427694	1.31256	1.31256	0.98464	0.993555	-1.00649	0.0352299	2.27904	2.27904	0.352837	1.37864	1.37864	0.224432	1.53511	1.53511	0.952816	0.980322	-1.02007	0.209171	1.55987	1.55987	0.0822708	0.523857	-1.90892	1.82446	3.25958	1.58809	1
cg13834017	PRKX2	0.204646	0.240244	0.713877	-1.40474	0.188055	1.46918	1.46918	0.364217	1.29557	1.29557	0.664493	0.882564	-1.13731	0.64628	0.880095	-1.13624	0.27964	0.73299	-1.3645	0.0250728	1.03182	1.03182	0.982359	0.794354	-1.25874	0.73673	1.09775	1.09775	1.82445	2.20738	1.07546	1
cg02538674	TSPY4	0.204649	0.37524	2.66	2.66	0.701718	0.701468	-1.42558	0.526166	0.553328	-1.80725	0.203951	0.287553	-3.47762	0.0311248	0.0594655	-16.8155	0.480039	0.3977	1.9377	0.240209	1.3588	1.3588	0.0312128	0.923555	-1.08278	0.416908	0.465596	-2.14779	1.82443	24.5311	11.9519	1
cg24407065	BLZF1;NME7;NME7	0.204654	0.0385428	0.164255	-6.08809	0.513761	0.607085	-1.64722	0.628948	0.692832	-1.44335	0.295393	0.441397	-2.26553	0.074692	0.223949	-4.4653	0.67195	0.725404	-1.37854	0.0863761	0.239834	-4.16955	0.986423	0.987257	-1.01291	0.0387924	0.164753	-6.06971	1.82441	16.4127	7.99661	1
cg18734591	WDR60	0.204655	0.882583	1.69869	1.69869	0.0338055	0.950022	1.88308	0.324624	0.754611	-1.30785	0.279648	0.748322	-1.3936	0.0729201	0.481001	-2.08862	0.688647	0.90168	-1.10906	0.305429	1.15917	1.15917	0.747358	1.19018	1.19018	0.0826529	1.1446	1.1446	1.82439	1.04209	0.795101	1
cg01526771	MIR645	0.204656	0.406822	1.13806	1.13806	0.737839	0.525253	1.05253	0.55859	0.539154	1.09434	0.740784	1.0519	1.0519	0.203356	0.814943	-1.22708	0.482371	1.11496	0.1102356	1.63749	1.63749	0.183805	1.23974	1.23974	0.604462	1.0829	1.0829	1.8244	0.671162	0.327006	1
cg25180057	METRNL	0.204659	0.0812752	1.58506	1.58506	0.15367	1.72089	1.72089	0.410328	0.747772	-1.34811	?	?	?	?	?	?	0.184	1.40155	1.48705	0.546027	0.8055519	-1.24144	0.0193545	2.38538	2.38538	0.750778	1.11969	1.11969	1.83864	1.24917	1.77198	1
cg17595321	C11orf90	0.204660	0.116483	0.753849	-1.32653	0.0628259	1.41448	1.41448	0.946052	1.01115	1.01115	0.352437	0.853408	-1.17177	0.33986	0.849627	-1.17699	0.545384	0.903586	-1.1067	0.342004	0.850278	-1.17609	0.0620297	0.706045	-1.41634	0.657034	1.07684	1.07684	1.82438	0.792965	0.386355	1
cg04554272	LMF1	0.204669	0.625095	1.32675	1.32675	0.171771	0.438901	-2.27842	0.0574253	0.591851	-1.69183	-3.43427	0.725542	0.816806	-1.22428	0.125492	0.385988	-2.59076	0.820029	1.19777	1.13977	0.460208	0.649424	-1.53983	0.0670311	3.24507	3.24507	0.949967	0.964615	-1.03668	1.82434	9.52341	4.64017	1
cg06342983	C1orf183;C1orf183	0.204673	0.353258	1.03705	-1.07279	0.873309	1.84487	1.84487	0.33205	0.914665	1.02483	0.0966	0.9602	-1.04145	0.847467	0.831244	-1.23262	0.19042	1.49081	2.01569	0.0276418	0.314967	3.14067	0.0109251	1.43786	1.43786	0.243912	-2.90772	0.0248646	0.253961	0.913976	1.82863	0.703	1
cg06699275	MTL5;MTL5;MTL5;MTL5	0.204676	0.683868	0.881263	-1.13474	0.406694	1.29962	1.29962	0.0397877	0.208316	0.208316	0.942028	0.977795	-1.02271	0.345594	0.740885	-1.34974	0.546867	0.828417	-1.20712	0.0282951	0.22434	0.22434	0.823471	0.933341	-1.07142	0.811808	1.07642	1.07642	1.82431	2.75427	1.34201	1
cg05889964	C5orf13;C5orf13	0.204678	0.279502	0.864056	-1.15733	0.201408	0.839505	-1.19118	0.866976	0.978972	-1.02148	0.949602	0.882625	-1.13298	0.664733	1.03945	1.03945	0.10593	1.25733	1.25733	0.0331072	0.88857	-1.12537	0.0822903	0.950255	-1.05207	0.609047	1.09018	1.09018	1.82429	0.683828	0.326721	1
cg09821215	OSTalpha	0.204689	0.53047	1.40102	1.40102	0.0121773	2.482	2.482	0.704056	1.22448	1.22448	0.493715	1.44604	1.44604	0.207898	0.494288	2.02311	0.154339	2.2458	2.24588	0.533133	1.40001	1.40001	0.483142	1.45965	1.45965	0.73417	0.83454	-1.19826	1.82425	0.13585	3.9643	1
cg04994953	MAP3K7IP2	0.204690	0.880597	0.982747	-1.01756	0.627342	1.05828	1.05828	0.705731	0.95703	-1.0449	0.110866	1.22277	1.22277	0.284621	1.13733	1.13733	0.73017	0.960706	-1.0409	0.0154321	0.708853	-1.41073	0.722669	1.04212	1.04212	0.704258	1.04514	1.04514	1.82424	0.387299	0.188717	1
cg05181036	PRKD2;PRKD2;PRKD2;PRKD2	0.204692	0.23753	0.660859	-1.51329	0.306224	0.72837	-1.37385	0.645546	0.655345	-1.52615	0.0759617	0.502115	-1.99205	0.0509511	0.355125	-2.81594	0.614208	0.848164	-1.17902	0.0154188	0.09976	-10.0228	0.726291	1.12063	1.12063	0.965111	1.01428	1.01428	1.82424	1.03428	1.4785	1
cg14519153	CTPS2;CTPS2;CTPS2;CTPS2	0.204691	0.946061	0.98595	-1.01425	0.0865634	0.485753	1.48573	0.0232313	0.7636	1.7636	0.863889	0.964754	-1.03653	0.248694	1.28681	1.28681	0.743568	0.931654	-1.07106	0.201755	0.754345	-1.32565	0.830454	1.04586	1.04586	0.356171	1.21954	1.21954	1.82423	1.36508	0.615702	1
cg24071161	GOSR2	0.204692	0.62104	1.0002	1.0002	0.102716	0.729509	1.37078	0.0035332	0.688092	-1.45329	0.223403	0.797742	-1.25354	0.757519	0.940763	-1.06353	0.967038	0.990727	-1.01009	0.0634965	0.649674	-1.53923	0.167958	1.1039	1.1039	0.622164	1.09171	1.09171	1.82422	0.901466	0.439277	1
cg05831671	NPM3	0.204699	0.340383	1.11378	1.11378	0.2315	1.14756	1.14756	0.0357848	1.30724	1.30724	0.16254	1.17764	1.17764	0.921905	1.080933	1.08093	0.269017	1.13457	1.13457	0.122266	0.832206	-1.20163	0.791193	1.02953	1.02953	0.206076	1.15752	1.15752	1.8242	1.347501	0.169329	1
cg01992890	SH2I	0.204707	0.270987	1.65817	1.65817	0.708124	1.18052	1.18052	0.49564	1.358	1.358	0.402402	0.697575	-1.43354	0.70207	0.844003	-1.18483	0.908253	1.05219	1.05219	0.0630965	0.397534	-2.51551	0.540918	0.760992	-1.31407	0.0230249	0.301311	-3.31883	1.82419	5.62556	2.74121	1
cg14584255	RK2	0.204703	0.777084	1.10813	1.10813	0.0259568	2.60166	2.60166	0.280924	1.49988	1.49988	0.245645	1.55152	1.55152	0.986258	0.99370	-1.00625	0.32141	0.690351	-1.44854	0.652133	0.848617	-1.17839	0.200818	0.613407	-1.63024	0.205626	1.62091	1.62091	1.82418	3.78016	1.842	1
cg15707798	WDR24	0.204706	0.672804	1.48157	1.48157	0.0726825	1.48157	1.48157	0.0726825	1.19292	1.19292	0.213578	1.3123	1.3123	0.260465	1.23582	1.23582	0.330332	1.11867	1.11867	0.0824482	1.065497	-1.50264	0.448182	1.14964	1.14964	0.364229	1.18317	1.18317	1.82416	0.840102	0.458343	1
cg08456247	CCDC85A	0.204709	0.816172	1.12139	1.12139	0.952233	0.975902	-1.02991	0.222942	0.533362	-1.8749	0.711425	0.832926	-1.20059	0.988183	0.992741	-1.00731	0.557913	1.3848	1.33848	0.048269	3.03548	3.03548	0.102726	2.41024	2.41024	0.0495184	3.01188	3.01188	1.82415	0.99278	3.40751	1
cg22706505	MPP4;MPP4	0.204714	0.0617205	0.314764	-3.17698	0.638037	0.770816	-1.29733	0.56719	0.727807	-1.37399	0.627854	0.764647	-1.30779	0.0237268	0.226947	-4.40632	0.476741	0.67203	-1.48803	0.0439567	0.280343	-3.56706	0.686075	1.25009	1.25009	0.445658	0.652414	-1.53277	1.82413	8.7182	4.24834	1
cg26363168	PHIP	0.204715	0.945832	1.01578	1.01578	0.664841	0.922522	1.08358	0.525376	0.945959	-1.05725	0.0755222	0.944569	-1.05902	0.0702504	0.74832	-1.33636	0.435378	0.907666	-1.10173	0.658473	0.947288	-1.05565	0.0280743	1.13716	1.13716	0.679755	1.05183	1.05183	1.82412	0.428121	0.208622	1
cg00275382	ZFYVE21	0.204721	0.692256	1.760537	-1.31486	0.268119	0.222336	-4.22236	0.357062	0.91891	-1.09181	0.197221	0.55485	-1.80222	0.559418	0.554485	-1.80341	0.153481	0.349367	-2.86232	0.96427	1.04747	1.04747	0.817996	0.85333	-1.17188	0.991602	0.992784	-1.00727	1.8241	1.15782	0.66544	1
cg05357573	VAT1L	0.204723	0.955893	1.01563	1.01563	0.812825	0.841487	-1.18837	0.33205	0.760602	-1.31511	0.858891	0.9602	-1.04145	0.35467	0.7602	-1.31545	0.314884	1.2311	1.2311	0.0539352	0.4075	2.45575	0.0113585	1.3073	1.3073	0.709627	1.05994	1.05994	1.82409	0.779631	0.343222	1
cg22412612	LCMT1;LCMT1;LCMT1;LCMT1	0.204758	0.091809	0.846457	-1.1814	0.109319	1.16987	1.16987	0.960056	0.995512	-1.00451	0.749303	0.971618	-1.02921	0.653877	1.04136	1.04136	0.586102	1.05062	1.05062	0.12502	0.501097	0.940518	-1.06324	0.24284	0.896047	-1.11601	0.0527678	1.21862	1.21862	1.82392	2.232978	0.113542	1
cg13542007	BAT2	0.204761	0.556454	1.28393	1.28393	0.2470823	2.58851	2.58851	0.0317761	1.57636	1.57636	0.647278	1.22651	1.22651	0.763876	0.884975	-1.13125	0.821555	1.09916	1.09916	0.564424	1.86054	1.86054	0.0407308	1.40012	1.40012	0.094855	1.002666	1.002666	1.82391	5.06215	2.46609	1
cg25309212	NBAS	0.204762	0.562419	2.840704	-1.07705	0.944509	-1.14059	-1.34038	0.802226	0.591428	-1.69126	0.0758158	0.0911457	-10.9744	0.0181157	0.0731499	-13.6705	0.0101523	0.403258	-2.4798	0.244374	0.760957	-1.31441	0.0422868	0.710697	-1.40654	0.0317719	0.42098	-2.37558	1.82389	0.997	0.546853	1
cg03624461	HRNBP3	0.204762	0.989028	1.01379	1.01379	0.207863	3.75499	3.75499	0.588032	0.579897	-1.72444	0.158097	4.63532	4.63532	0.281603	0.32795	-3.04924	0.839428	0.816983	-1.22402	0.78046	0.757006	-1.32099	0.0152541	19.4628	19.4628	0.899975	1.13347	1.13347	1.8239	28.6742	13.9745	1
cg04782490	EPS71;EPS71	0.204764	0.282358	0.445357	-2.24548	0.0576023	0.643543	-1.55425	0.0225	0.0825776	0.0825776	0.0422127	0.40798	-2.45103	0.130342	0.314653	-3.17824	0.0210875	0.340057	-2.94059	0.121735	0.305069	-3.27795	0.0144888	2.38453	2.38453	0.128169	1.4486	1.4486	1.82387	2.34644	1.20501	1
cg11117765	CCDC96;TADA2B	0.204765	0.390979	0.813818	-1.22878	0.812313	0.105705	1.05705	0.633068	1.11783	1.11783	0.128565	0.680443	-1.46963	0.136581	0.686663	-1.45632	0.761224	1.10591	1.10591	0.0443598	0.744911	-1.34257	0.0139351	0.852876	0.852876	0.344008	0.75765	-1.32019	1.82387	0.314774	0.173419	1
cg07695089	SLC45A4	0.204765	0.604993	1.65284	1.65284	0.0766155	2.884614	2.884614	0.0133852	1.22445	1.22445	0.0388293	1.66687	1.66687	0.0715184	1.07915	1.07915	0.462588	0.833553	1.20003	0.0373974	1.198803	1.198803	0.0466134	1.88388	1.88388	0.0159328	1.88388	1.88388	1.82385	0.937959	0.466434	1
cg05797656	DDX42;CCDC47;DDX42	0.204769	0.253607	0.783337	-1.27659	0.211027	0.76345	-1.30984	0.443118	1.1737	1.1737	0.270419	0.790545	-1.26495	0.106974	1.43993	1.43993	0.206475	1.31379	1.31379	0.228283	0.771825	-1.29563	0.839808	0.04233	1.04233	0.155883	1.36473	1.36473	1.82387	1.21176	0.590569	1
cg13295193	TAPBP;TAPBP;TAPBP	0.204771	0.129013	0.866018	-1.15471	0.944344	0.993896	-1.00614	0.0397112	1.23188	1.23188	0.331985	1.09173	1.09173	0.992828	1.00079	1.00079	0.749291	1.02852	1.02852	0.140412	1.14921	1.14921	0.554634	1.0538	1.0538	0.0858422	1.18113	1.18113	1.82386	0.222126	0.108257	1
cg12387464	OR8D4	0.204772	0.19342	0.660617	-1.51408	0.0944999	0.624601	-1.60157	0.0378466	0.52608	0.52608	0.0126777	0.424133	-2.35773	0.0222722	0.0839061	-11.9202	0.568624	1.60547	2.60547	0.0439061	1.9202	1.9202	0.0252729	0.374337	-2.67139	0.531474	0.594041	-1.68339	1.82386	19.5011	9.50422	1
cg05769153	ZNF415;ZNF415;ZNF415;ZNF415	0.204772	0.101527	0.375614	-2.66231	0.109959	0.386118	-2.58988	0.247576	0.516705	-1.93534	0.750667	1.1902	1.1902	0.171055	0.451101	-2.2168	0.122016	0.400335	-2.49791	0.0229508	0.226285	-4.4192	0.380136	0.611571	-1.63533	0.252888	0.530864	-1.91989	1.82385	8.61727	4.19978	1
cg19317152	DPF1;DPF1;DPF1	0.204772	0.205332	0.647582	-1.54362	0.0570224	0.406651	-2.46594	0.750351	1.14097	1.14097	0.67474	0.835532	-1.19684	0.0255882	0.323969	-3.08573	0.725904	1.16125	1.16125	0.613079	0.805754	-1.24115	0.0255688	1.16534	1.16534	0.660398	1.20659	1.20659	1.82385	5.8215	2.59992	1
cg22035501	APC;APC;APC	0.204773	0.718599	0.87118	-1.14787	0.472926	2.375	2.375	0.726138	1.14342	1.14342	0.613469	0.823777	-1.21393	0.0842064	0.482828	2.07113	0.344808	0.69015	-1.44906	0.190117	1.697	1.697	0.784386	0.900751	-1.11018	0.214405	1.45668	1.45668	1.82385	4.19567	2.04484	1
cg21505227	BRD9;BRD9;BRD9	0.204775	0.0777447	0.472787	-2.11512	0.690767	0.858303	-1.16509	0.799286	0.907226	-1.10226	0.308657	0.668559	-1.49575	0.0214316	0.347814	-2.8751	0.297831	0.662056	-1.51045	0.0398613	0.403388	-2.479	0.455089	0.747719	-1.3374	0.24026	0.625101	-1.59974	1.82384	4.21787	2.05568	1
cg00709600	DHBP11	0.204776	0.0506324	0.6081	-1.64487	0.177205	1.85378	1.85378	0.267886	0.982829	-1.01747	0.13003	2.02139	2.02139	0.254574	0.495647	-2.01727	0.240057	0.611363	1.63509	0.0211758	0.554293	1.80344	0.0148884	2.42635	2.42635	0.158151	1.91425	1.91425	0.542953	1.30344	1.30344	1.82384	5.94666	2.60728	1
cg18832902	ZNRD1;NCRNA00171;ZNRD1	0.204778	0.701298	1.11781	1.11781	0.491934	1.22349	1.22349	0.0576145	0.535224	-1.86838	0.116643	1.63664	1.63664	0.416817	1.27099	1.27099	0.231176	1.43755	1.43755	0.39048	0.779195	-1.28338	0.153367	1.63995	1.63995	0.376315	1.3	1.3	1.82382	2.41214	1.17562	1
cg23419304	DUOX1;DUOX1	0.204779	0.108968	0.818731	-1.22161	0.0576959	0.387659	-2.57917	0.0292	0.564228	-1.77233	0.0744514	0.464899	-2.15051	0.0233158	0.0680702	-14.6928	0.0744514	0.464899	-2.15051	0.0233158	0.0680702	-14.6928	0.0744514	0.464899	-2.15051	0.0233158	0.0680702	-14.6928	1.82382	14.0361	6.04407	1
cg27380503	BUB1B	0.204818	0.278073	0.81874	-1.22139	0.728839	0.106365	1.06365	0.755024	1.05707	1.05707	0.637167	1.07706	1.07706	0.373592	1.1758	1.1758	0.444134	0.663629	-1.50687	0.0265422	0.627376	-1.59394	0.754766	0.945957	-1.05713	0.517142	0.890077	-1.1235	1.82364	0.908018	0.442592	1
cg04740406	UPC	0.204819	0.302151	0.5388	-1.8562	0.76576	1.51365	1.51365	0.0138766	0.774917	1.14097	0.67474	0.835532	-1.19684	0.0255882	0.323969	-3.08573	0.729568	1.16125	1.16125	0.613079	0.805754	-1.24115	0.0255688	1.16534	1.16534	0.660398	1.20659	1.20659	1.82363	5.8215	2.59992	1
cg26975368	ADCY6;ADCY6	0.204825	0.117389	0.51763	-1.93147	0.181645	0.71645	1.40555	0.0156253	0.83554	1.83554	0.0533753	0.775236	1.75826	1.75826	0.636603	1.63603	0.752237	0.83554	1.83554	0.0533753	0.775236	1.75826

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 v4 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs.1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.1127 vs. N)	p-value(1121 vs. N)	Fold-Change(1 vs.1121 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.1217 vs. N)	p-value(347 vs. N)	Fold-Change(1 vs.347 vs. N)	p-value(353 vs. N)	Fold-Change(1 vs.353 vs. N)	p-value(537 vs. N)	Fold-Change(1 vs.537 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs.537T v4 vs. N)	p-value(563 vs. N)	Fold-Change(1 vs.563 vs. N)	p-value(563T vs. N)	Fold-Change(1 vs.563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg08804220	MCL1;MCL1	0.204983	0.00697763	1.673211	-2.64403	1.928454	0.075288	-1.02534	0.246803	1.39905	1.39905	0.805375	1.0712	1.07212	0.672645	0.888333	-1.1257	0.924516	1.02676	1.02676	0.692165	1.15725	1.11725	1.11725	0.88087	1.04267	1.04267	0.810982	0.935424	-1.60903	1.82286	2.24118	1.09287	1
cg11448557	FAM13C;FAM13C;FAM13C;FAM13C	0.204984	0.528714	0.813044	-1.22995	1.037994	0.595566	-1.67908	0.10703	0.565217	-1.76923	0.868745	1.0551	1.0551	0.589552	0.91691	-1.09062	0.27086	0.689524	-1.45028	0.03928	2.16713	2.16713	0.671233	1.1485	1.1485	0.421328	1.30524	1.30524	1.82286	3.03601	1.48047	1
cg17544904	PTPH2;TMEM49;TMEM49	0.204984	0.25388	1.26509	1.26509	0.178482	1.32593	1.32593	0.112647	1.4061	1.4061	0.241058	1.27406	1.27406	0.387422	1.19105	1.19105	0.837329	0.96024	-1.04141	0.198322	0.7646681	-1.30774	0.037434	1.61056	1.61056	0.251697	1.26659	1.26659	1.82286	1.12443	0.54831	1
cg23349842	EIF2C2;EIF2C2	0.204987	0.731466	0.870274	-1.14906	0.151951	1.8571	1.8571	0.704348	1.16622	1.16622	0.473402	1.38434	1.38434	0.0162775	0.305729	3.270887	0.287239	1.56158	1.56158	0.41935	0.7169861	-1.39473	0.829264	1.09101	1.09101	0.706934	1.16456	1.16456	1.82285	4.69687	2.29037	1
cg01944288	NTNG2	0.20499	0.376657	0.564319	-1.77205	0.402978	1.71557	1.71557	0.463073	0.624348	-1.60167	0.15728	0.385271	-2.59557	0.023282	0.730178	-1.36953	0.894417	1.08755	1.08755	0.112558	0.3364144	-2.97253	0.0138879	0.147062	-6.79984	0.359849	0.55228	-1.81068	1.82283	11.4819	5.59907	1
cg00775416	HAPLN4	0.204994	0.523898	1.54161	1.54161	0.554175	0.676617	-1.47794	0.276205	0.648138	-1.23612	0.88562	1.10126	1.10126	0.0758067	1.75024	3.37924	0.761294	1.22657	1.22657	0.0945884	1.214433	5.21435	0.125825	3.03429	3.03429	0.570071	0.680706	-1.46906	1.82281	12.9633	6.32152	1
cg23332233	TFE3	0.204994	0.266935	0.358327	-2.79074	0.0476626	0.134033	-7.46085	0.117387	0.221097	-4.52291	0.823958	0.820612	-1.2186	0.244867	0.339783	-2.94305	0.392331	0.4595	-2.17628	0.984624	1.017225	1.01725	0.0963001	5.05516	5.05516	0.590685	1.618898	1.618898	1.82281	22.7315	11.085	1
cg21546132	PLA2G2F	0.204995	0.443874	0.863107	-1.15861	0.688093	0.61445	-1.62704	0.0712797	0.683908	-1.46219	0.576947	1.13217	1.13217	0.124688	0.882685	-1.13291	0.0179468	0.578099	-1.72712	0.509799	1.13434	1.13434	0.154507	6.2502	-1.93298	0.8399993	0.962452	-1.03901	1.82281	1.02679	0.500712	1
cg21707633	SCD5;SCD5	0.204996	0.250047	0.942263	-1.82394	0.22906	1.87966	1.87966	0.890501	1.07214	1.07214	0.225222	1.34191	1.34191	0.0108136	2.00873	2.00873	0.531426	1.32794	1.32794	0.30051	0.584527	-1.71079	0.0275782	1.67928	1.67928	0.273902	1.76695	1.76695	1.8228	7.21691	3.51932	1
cg01158376	ENOSF1;ENOSF1;ENOSF1	0.204996	0.338485	1.68823	1.68823	0.128171	2.39383	2.39383	0.8384	1.11447	1.11447	0.769094	0.855353	-1.16911	0.267639	0.541779	-1.84577	0.137478	0.427844	-2.3373	0.0889163	0.369407	-2.70704	0.131428	2.37347	2.37347	0.890589	0.929554	-1.07578	1.8228	8.13261	3.96587	1
cg22646408	CDH23;CDH23	0.204997	0.148732	0.349226	-2.74679	0.149007	0.507625	-1.96956	0.117217	0.529494	-1.91496	0.0176817	0.15221	-6.56987	0.281624	0.481893	-2.07515	0.941115	1.04918	1.04918	0.0684005	2.025119	-3.98106	0.0139594	0.526121	-1.9007	0.523569	0.6559	-1.52462	1.8228	12.2882	5.99325	1
cg03512414	RIN2	0.204997	0.611942	0.787193	-1.27033	0.791763	1.13175	1.13175	0.941007	0.965976	-1.03522	0.998031	1.00115	1.00115	0.550355	0.753805	-1.3266	0.301726	1.64944	1.64944	0.0234384	3.54766	3.54766	0.0376895	3.08791	3.08791	0.311734	1.63146	1.63146	1.8228	6.31537	3.0797	1
cg13423193	C21orf56;C21orf56	0.205	0.526521	0.851552	-1.17433	0.0286203	1.90905	1.90905	0.180074	1.43805	1.43805	0.975442	1.08269	1.08269	1.00774	0.97961	-1.02055	0.251878	0.740213	-1.3505	0.0478518	1.63305	1.63305	0.364383	1.26376	1.26376	0.42688	1.22526	1.22526	1.82278	1.81024	0.882277	1
cg20739223	PLLI1	0.205001	0.144774	0.826394	-1.21008	0.0388984	1.3379	1.3379	0.122239	1.2262	1.2262	0.886051	0.982694	-1.01761	0.663176	0.555113	-1.05513	0.201991	0.848724	-1.17824	0.188153	0.8897912	-1.1137	0.85901	1.02188	1.02188	0.731891	1.04242	1.04242	1.82278	0.427912	0.208674	1
cg27292710	KCNJ5;C11orf45	0.205001	0.829947	1.03119	0.053119	0.651063	1.06708	1.06708	0.295006	0.85633	-1.16777	0.285514	1.17165	1.17165	0.25575	0.844155	-1.18462	0.113198	1.29714	1.29714	0.113452	1.26182	1.26182	0.0852505	0.762061	-1.31223	0.462757	0.898752	-1.11265	1.82278	0.588787	0.287126	1
cg21115558	DAAM2	0.205001	0.161067	0.736557	-1.35805	0.0402145	0.123941	-1.60838	0.0388483	0.117701	-1.46913	0.499327	0.5302222	-1.88543	0.540214	1.74009	1.74009	0.574602	0.629519	-1.58863	0.0932051	0.9266447	-1.07916	0.386778	2.68625	2.68625	0.859102	0.853223	-1.17203	1.82278	23.1085	11.2349	1
cg03445244	KLHL29	0.205014	0.310638	1.4624	1.4624	0.268282	0.658519	-1.51856	0.488942	0.775343	-1.28975	0.998169	0.9991169	-1.00083	0.328086	1.44157	1.44157	0.59777	0.824562	-1.21277	0.01442	2.98175	2.98175	0.854495	0.935654	-1.06877	0.283221	1.49774	1.49774	1.82272	3.78928	1.84793	1
cg19332079	TGM5;TGM5	0.205015	0.828324	1.04278	1.04278	0.0680952	0.674458	-1.48267	0.0181252	0.579598	-1.74229	0.605802	0.9041387	-1.10597	0.219027	1.2837	1.2837	0.39341	0.844391	-1.18429	0.568126	0.8948357	-1.11809	0.991043	1.00217	1.00217	0.994451	1.00115	1.00115	1.82271	0.18055	0.526954	1
cg27463749	KIAA0513	0.205017	0.8613821	0.924831	-1.08128	0.301134	1.61446	1.61446	0.697986	1.18915	1.18915	0.963052	0.9795502	-1.02093	0.763654	0.8738651	-1.14434	0.293632	0.614431	-1.62752	0.00878843	0.224943	-4.44558	0.557817	0.7671198	-1.30345	0.275317	0.602042	-1.66301	1.8227	5.77072	2.83424	1
cg24587400	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;B	0.205026	0.297221	1.78394	1.78394	0.574515	1.35502	1.35502	0.658871	1.26866	1.26866	0.458567	1.49817	1.49817	0.364738	1.64679	1.64679	0.189915	2.1035	2.1035	0.184993	2.12323	2.12323	0.0108098	5.55489	5.55489	0.0616275	3.08801	3.08801	1.82266	8.28094	4.03851	1
cg02022247	ARX	0.205028	0.04001022	0.202446	-4.93958	0.164964	0.36882	-2.71135	0.560053	0.672461	-1.48707	0.350778	0.523779	-1.9092	0.35962	0.530338	-1.88559	0.16576	0.369603	-2.70561	0.046133	0.2416863	-4.65846	0.0610465	0.241344	-4.14345	0.127953	0.330163	-3.0288	1.82265	13.0891	6.38341	1
cg25892296	C4orf51	0.205028	0.05608803	0.417212	-1.44574	0.0764618	0.306531	-1.06533	0.0138374	0.183687	-2.43201	0.115122	0.1513222	0.895651	0.0777648	2.0286	2.0286	0.473705	1.13375	1.13375	0.0746172	1.56884	1.56884	0.0189973	1.92662	1.92662	0.382643	0.826134	-1.21046	1.82265	0.856709	0.417808	1
cg02596427	TTC7A	0.205031	0.652993	0.843115	-1.18608	0.0145873	3.1088	3.1088	0.325934	1.46586	1.46586	0.354857	0.6984551	-1.43174	0.570444	0.805562	-1.24137	0.851782	1.07308	1.07308	0.225261	1.61645	1.61645	0.171626	1.73108	1.73108	0.652299	1.18552	1.18552	1.82264	4.10419	2.00159	1
cg20100040	SUV420H1;SUV420H1	0.205032	0.287742	0.616748	-1.62141	0.205253	1.79533	1.79533	0.0414938	2.79927	2.79927	0.925594	0.9599525	-1.04175	0.262303	0.602136	-1.66075	0.888155	1.06355	1.06355	0.377729	0.581878	-1.71857	0.144382	0.503307	-1.98686	0.707953	0.848085	-1.17913	1.82263	5.53441	2.69911	1
cg12037802	C4orf34	0.205033	0.2243351	0.611514	-1.63507	0.0402146	1.33727	1.33727	0.559962	1.18058	1.18058	0.845151	1.14535	1.14535	0.557534	1.14009	1.14009	0.445568	1.15177	1.15177	0.0345827	1.12319	1.12319	0.0224135	1.64624	1.64624	0.263263	0.952021	-1.05021	1.82263	0.464907	0.215932	1
cg01848594	CENPN;CENPN;CENPN;C16orf61	0.205036	0.186868	0.51221	-1.95232	0.183496	1.97045	1.97045	0.663199	1.23311	1.23311	0.0958989	0.4170385	-2.39759	0.159862	2.0506	2.0506	0.383075	0.652	-1.53374	0.392293	0.657653	-1.52056	0.23015	1.8258	1.8258	0.338162	1.60341	1.60341	1.82261	6.60037	3.219	1
ch.1.145503881	LRIG1	0.205047	0.0656316	0.266765	-3.74862	0.0272703	0.277895	-3.59848	0.075796	0.282207	-3.5435	0.25439	0.46756	-2.13876	0.0644028	0.2680809	-3.73122	0.144672	0.367138	-2.72377	0.121187	0.341373	-2.92935	0.20232	0.422756	-2.36543	0.197444	0.418365	-2.39026	1.8226	11.808	5.75891	1
cg21482265	9;LOC654433	0.205049	0.280236	0.476382	-2.09915	0.134949	0.344851	-2.8998	0.0246202	0.170641	-5.86026	0.50417	1.56485	1.56485	0.710834	0.781909	-1.27892	0.321717	1.96662	1.96662	0.574822	0.687677	-1.45417	0.152516	0.363349	-2.75217	0.589502	1.43314	1.43314	1.82255	12.5981	6.1443	1
cg18275831	ANO2;ANO5	0.205049	0.0125513	0.0976455	-10.2417	0.0178564	0.76	-1.31582	0.0732983	0.5	-1.99203	0.0158375	0.1438747	0.695975	0.0170204	0.4433594	-2.25524	0.1578937	0.7906043	-1.26506	0.0179515	0.7067556	-1.41495	0.0210168	0.3750095	0.7830585	-1.27647	0.0195151	0.017098	0.7052705	0.358517	1
cg18573398	BAT2	0.205049	0.916187	0.970281	-1.03063	0.2104519	2.21522	2.21522	0.184221	1.49734	1.49734	0.6446	2.04	2.04	0.705497	-1.41744	?	?	?	?	0.256368	1.4041	1.4041	0.763873	1.09018	1.09018	0.294163	1.45369	1.45369	0.650104	1.13983	1.83176	2.11812	1.15633	1
cg21965501	RLBP1	0.205049	0.674253	1.10702	1.10702	0.704518	1.06531	1.06531	0.633784	1.03687	1.03687	0.432501	1.15122	1.15122	0.895651	0.9777648	1.0286	0.377734	1.1733	1.1733	0.0674977	1.56884	1.56884	0.0189973	1.92662	1.92662	0.382643	0.826134	-1.21046	1.82265	0.856709	0.417808	1
cg10439737	KRTAP12-3;C21orf29	0.20505	0.841909	1.12266	1.12266	0.271789	0.515409	-1.94021	0.283484	0.524345	-1.90714	0.149023	0.407971	-2.45115	0.250892	0.499035	-2.00387	0.650878	1.30206	1.30206	0.0121942	0.163722	-6.1079	0.940027	1.04456	1.04456	0.218809	0.472684	-2.11558	1.82255	5.68939	4.72568	1
cg19586288	RELN;RELN	0.205052	0.2101	0.701836	-1.42483	0.467966	1.21892	1.21892	0.88478	1.655	1.655	0.278825	0.739452	-1.35235	0.364347	0.778895	-1.28387	0.745109	0.91627	-1.09138	0.0641613	0.572577	-1.74649	0.252726	1.37747	1.37747	0.671508	1.12114	1.12114	1.82254	2.07425	1.01165	1
cg02454025	C1orf127	0.205054	0.349112	0.760971	-1.31449	0.202646	1.31888	1.31888	0.53496	1.07902	1.07902	0.957706	-1.12506	-1.42	0.178019	0.5554164	1.6848	0.0756356	1.31918	1.31918	0.0854982	0.7226089	-1.37724	0.128854	0.554086	-1.80478	0.5253	0.739387	1.82027	1.82027	1.82254	0.854007	0.469125	1
cg27429457	MYST1;MYST1	0.205056	?	?	?	0.106189	0.184762	-5.41236	0.138895	0.217702	-4.59344	0.473326	2.00979	2.00979	0.996598	0.995928	-1.00409	?	?	?	0.07847748	6.49267	6.49267	0.485813	0.507719	-1.9696	0.515502	1.87968	1.87968	1.84277	20.7936	12.8959	1
cg08269394	CN6	0.205067	0.897097	0.967253	-1.03386	0.710328	1.10076	1.10076	0.378285	1.26189	1.26189	0.949405	1.01646	1.01646	0.947167	0.989458	-1.01065	0.243524	1.36889	1.36889	0.06721	0.58989	-1.69523	0.0463992	0.555954	-1.79871	0.182386	1.4393	1.4393	1.82247	1.9112	0.932165	1
cg06012011	DDR1;DDR1	0.205068	0.0396911	0.720333	-1.38825	0.264527	0.851809	-1.17397	0.615386	0.932519	-1.07236	0.046975	0.730805	-1.36835	0.73331	1.0481	1.0481	0.729223	1.0491	1.0491	0.0788065	0.7639984	-1.30893	0.451571	0.899619	-1.11158	0.631089	1.06901	1.06901	1.82247	0.549059	0.267797	1
cg04953582	TSPAN12	0.205071	0.3182284	0.7809	-1.28057	0.262167	1.962259	-1.03919	0.518747	0.9725	-1.02819	0.0387477	0.7925	-1.26177	0.414995	0.8313076	-1.20276	0.230624	1.16377	1.16377	0.404955	0.8607715	0.5732001	-1.74637	0.2377715	0.8735207	-1.14477	0.2717623	0.7340703	-1.36203	1.82246	1.74403	0.836004	1
cg07472721	FAM195A	0.205074	0.123386	0.525628	-1.90249	0.129503	0.523295	-1.91316	0.777885	0.894038	-1.11852	0.500745	0.762854	-1.3187	0.0314918	0.368214	-2.71581	0.081879	0.46598	-2.14602	0.0546158	0.421673	-2.37151	0.880717	0.94226	-1.06128	0.259936	0.625188	-1.59952	1.82244	4.52786	2.20845	1
cg02651871	RAD6L	0.205075	0.349412	0.709871	-1.4095	0.201646	1.31888	1.31888	0.53496	1.07902	1.07902	0.957706	-1.12506	0.184968	0.0756356	1.6848	1.6848	0.445568	1.15177	1.15177	0.0345827	1.12319	1.12319	0.0224135	1.64624	1.64624	0.263263	0.952021	-1.05021	1.82243	0.464907	0.215932	1
cg00469269	CAPN10;CAPN10;CAPN10;CAPN10	0.205076	0.94199	0.976605	-1.02196	0.482766	0.792921	-1.26116	0.681016	0.874196	-1.14391	0.512245	1.24135	1.24135	0.008197339	0.332763	-3.00514	0.813626	0.926058	-1.07985	0.731736	1.11844	1.11844	0.524659	0.810824	-1.23331	0.122979	0.580679	-1.72212	0.82243	3.05389	1.48954	1
cg13188385	SRGAP3;SRGAP3	0.205082	0.0972827	0.6284	-1.59122	0.0784052	0.509963	-1.96387	0.0801793	0.398653	-2.50903	0.144402	0.144402	0.144402	0.46362	2.15755	2.15755	0.159535	0.94831	-1.05451	0.0225496	0.5775911	0.5691211	-1.75681	0.0499596	0.563967	1.77301	0.106632	0.18224	0.948185	0.16983	1
cg01267619	PIR15	0.205084	0.111333	0.7299	1.37229	0.320943	0.45474	4.50474	0.0991325	0.16763	0.16763	0.37449	0.77771	1.37771	0.0153045	0.8800361	-1.26359	0.758699	0.6362	-1.57183	0.0044055	0.5326556	1.89135	0.0157525	0.72909	1.37209	0.863967	1.36339	1.36339	1.82239	62.1775	30.3277	1
cg21542078	TRPM4	0.205085	0.0795073	0.445103	-2.24667	0.810662	0.905006	-1.10496	0.593534	0.799281	-1.25112	0.791578	1.11644	1.11644	0.0267624	0.335766	-2.97827	0.0817512	0.448338	-2.23046	0.764873	1.13037	1.13037	0.116819	0.492341	-2.03111	0.995919	1.00213	1.00213	1.82239	4.9919	2.43486	1
cg03521124	PHC1	0.205086	0.485952	0.738174	-1.35462	0.350264	1.61061	1.61061	0.264099	1.30468	-1.63943	0.888244	0.9429201	-1.06031	0.0218415	2.62367	-2.75619	0.0916417	0.739355	-1.35239	0.124121	0.4590919	-2.18152	0.0744993	0.422812	-2.36574	0.0778005	0.5153	0.754127	-1.32604	1.82238	0.515944	0.249708	1
cg14641333	PTPRN2;PTPRN2	0.205089	0.521826	-1.17395	0.3626243	0.360832	-2.77137	0.0218139	0.315903	-3.16547	0.686163	1.18537	1.18537	0.125274	0.499274	2.00291	0.659373	0.827884	-1.2079	0.232042	0.591732	-1.68995	0.757513	0.878406	-1.13843	0.710695	0.855584	-1.16879	1.82236	5.05804	2.46714	1
cg00757036	UPK2	0.205093	0.468682	1.23996	1.23996	0.155547	1.57282	1.57282	0.771351	0.921345	-1.08537	0.0681906	0.7769	1.77696	0.369633	0.7715531	-1.29612	0.764153	0.8934599	-1.11959	0.540785	-1.05287	0.977347	0.774912	-1.29047	0.0197894	0.95255	1.05055	1.05055	1.82235	2.28732	1.14168	1
cg24074446	KLHL26	0.205093	0.180681	0.30876	-3.23876	0.8998348	1.11258	1.11258	0.600944	1.52454	1.52454	0.538727	0.5960648	-1.67806	0.105829	2.08479	-4.45675	0.247417	0.359497	-2.78167	0.0130793	0.124478	-8.23191	0.0675546	0.176834	-5.65502	0.152576	0.273579	-3.65525	1.82235	6.05	3.01749	1
cg22617703	DNAIC5	0.205101	0.420317	1.41251	1.41251	0.0139839	3.61467	3.61467	0.0416022	2.67905	2.67905	0.948893	0.973469	-1.02725	0.772158	0.885336	-1.12952	0.311812	1.55103	1.55103	0.589395	1.2568	1.2568	0.3451	1.51818	1.51818	0.499689	1.33298	1.33298	1.82231	5.07854	2.47722	1
cg18388559	VPS18	0.205102	0.124804	0.497125	-2.01156	0.354734	0.670019	-1.4925	0.241412	0.597032	-1.67495	0.948803	0.72791	-1.3758	0.0344957	0.354472	-2.8211	0.351606	0.668171	-1.49662	0.0364741	0.359685	-2.78021	0.0997065	0.468194	-2.13587	0.844204	1.08628	1.08628	1.82231	3.10606	2.49065	1
cg17434483	MEF2B;LOC729991-MEF2B	0.205103	0.422897	0.899455	-1.11178	0.964785	0.994301	-1.00573	0.188513	1.19765	1.19765	0.154393	0.8209404	-1.21817	0.145474	1.22427	1.22427	0.792887	0.966509	-1.03465	0.0514476	1.33248	1.33248	0.701277	1.05116	1.05116	0.143845	1.22543	1.22543	1.82233	0.483653	0.235919	1
cg09984518	AKAP9L	0.205105	0.965029	0.974716	-1.02594	0.284469	0.520369	-1.92172	0.0103404	0.141087	-7.08784	0.864028	1.10531	1.10531	0.901761	0.930407	-1.0748	0.182664	0.434478	-2.30161	0.747353	1.20789	1.20789	0.843962	1.12201	1.12201	0.431389	1.60082	1.60082	1.89833	10.041	4.11397	1
cg18198377	TMX1	0.205109	0.212141	0.562632	-1.77736	0.0779119	0.560602	-1.78437	0.0218008	0.161077	-6.20607	0.561268	1.41777	1.41777	0.0284349	0.6134138	-1.63007	0.746245	1.15268	1.15268	0.265036	0.9016504	-1.1625	0.0804168	0.4279908	-2.33646	0.74475	0.866789	-1.15368	1.82228	5.52694	2.69599	1
cg14913777	ZNF487	0.20511	0.439236	0.717504	-1.29617	0.921239	0.968002	-1.03306	0.184849	0.629745	-1.58794	0.104349	0.557761	-1.79288	0.828735	0.931239	-1.07384	0.40052	1.32707	1.32707	0.0704713	1.94609	1.94609	0.132139	1.70637	1.70637	0.445112	1.77469	1.77469	1.29171	1.82227	1.52227	1
cg18470244	MAC71;MAC71	0.205113	0.0719154	0.5406	0.539401	0.474334	1.97884	1.97884	0.0844289	1.42184	-2.12187	0.155754	4.1187	4.1187	0.0113449	4.9705	4.9705	0.302513	2.1022	2.1022	0.0070514	5.50272	5.50272	0.0149001	7.60666	7.60666	0.0260508	6.26747	6.26747	1.82225	41.1998	22.6144	1
cg11714341	RNF145	0.205115	0.153746	0.553577	-1.80643	0.481669	0.758112	-1.31907	0.0389784	0.196401	-2.5227	0.259511	0.634158	-1.57689	0.0592166	0.438345	-2.28131	0.96414	1.01756	1.01756	0.189775	0.584046	-1.71219	0.751168	1.13109	1.13109	0.0714215	0.458597	-2.18056	1.82224	4.32707	2.11074	1
cg04136231	PRDM16;PRDM16	0.205117	0.828691	0.966056	-1.04516	0.232495	1.22083	1.22083	0.311557	0.846334	-1.18157	0.351101	1.16525	1.16525	0.349221	1.16599	1.16599	0.15535	1.27418	1.27418	0.0130199	1.63396	1.63396	0.392474	1.04292	1.04292	0.981315	1.00374	1.00374	1.82224	0.732942	0.35753	1
cg16885861	CD81	0.205124	0.0946392	0.452567	-2.20913	0.147513	0.796576	-1.25522	0.138328	0.41276	-2.42255	0.0744226	0.1787	-5.59606	0.0152158	0.4516	-2.21477	0.8235157	1.0282	1.0282	0.0841007	1.79389	1.79389	0.175239	1.75239	1.75239	0.366756	1.60757	1.60757	-1.41328	1.8222	4.01663	1.99165	1
cg18057126	ZNF347	0.205126	0.126683	0.804552	-1.24293	0.10625	1.26138	1.26138	0.312502	1.14743	1.14743	0.778321	0.9633532	-1.03785	0.817475	1.0309	1.0309	0.518275	1.09004	1.09004	0.0369134	0.7268581	-1.37578	0.487952	1.09719	1.09719	0.978339	0.996433	-1.00358	1.8222	0.500061	0.249336	1
cg00795543	PIP5K1C	0.205128	0.0201252	0.3	-3.33333	0.0158744	0.190373	-5.25	0.0218121	0.10985	-9.10985	0.527902	0.591758	-1.68988	0.0119552	0.2505584	-3.99367	0.0073815	0.194984	-5.12963	0.0109782	0.1508959	-6.62872	0.0211496	0.2172272	-4.60316	0.0229124	-5.6525	0.18227	10.4231	5.47406	1
cg22850802	GDI1	0.205131	0.189859	0.11516	-8.6836	0.982485	0.966406	-1.03476	0.787495	1.52284	1.52284	0.356608	0.374931	4.37493	0.761711	0.6622873	1.60546	0.0038356	0.00528843	-189.092	0.802394	1.47745	0.848197	1.34757	1.34757	0.876874	1.27296	1.27296	1.82217	19.9265	34.1115	1
cg06008093	MANBAL;MANBAL	0.205137	0.332178	0.706819	-1.41479	0.78486	1.09956	1.09956	0.936388	0.972695	-1.02807	0.198913	0.5763661	-1.73502	0.07842	0.5076287	-1.97002	0.0476408	0.455847	-2.19372	0.269902	0.6711553	-1.48953	0.60278	1.19973	1.19973	0.218571	1.56647	1.56647	1.82214	3.47145	1.69347	1
cg25961432	SYP	0.205141	0.109264	0.507384	-1.97048

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1-vs-N)	p-value|1047 vs. 048 vs. N)	Fold-Change(1-vs-N)	p-value|105T vs. N)	Fold-Change(1-vs-N)	p-value|111T 057 vs. N)	Fold-Change(1-vs-N)	p-value|111T vs. N)	Fold-Change(1-vs-N)	p-value|112T 117 vs. N)	Fold-Change(1-vs-N)	p-value|112T vs. N)	Fold-Change(1-vs-N)	p-value|121T 12T vs. N)	Fold-Change(1-vs-N)	p-value|121T vs. N)	Fold-Change(1-vs-N)	p-value|21T vs. N)	Fold-Change(1-vs-N)	p-value|347T vs. N)	Fold-Change(1-vs-N)	p-value|347T 477 vs. N)	Fold-Change(1-vs-N)	p-value|353T vs. N)	Fold-Change(1-vs-N)	p-value|537T 53T vs. N)	Fold-Change(1-vs-N)	p-value|537T 37T vs. N)	Fold-Change(1-vs-N)	p-value|5 vs. N)	p-value|563T vs. N)	Fold-Change(1-vs-N)	t(Test)	S5(Test)	S5(Error)	F(Error
cg24693704	TMEM82	0.205343	0.586091	1.28436	1.28436	0.0190098	1.63525	1.63525	0.252903	1.72441	1.72441	0.0514625	2.75018	2.75018	0.143948	2.04691	2.04691	0.0514625	0.684925	0.830164	-1.20458	0.79224	1.12801	1.12801	0.2271507	1.68393	1.68393	0.9859113	0.991807	-1.00826	1.82118	6.00515	2.93102	1
cg09038676	GSTP1	0.205346	0.048754	6.648345	-1.54239	0.1906018	0.7658805	-1.30581	0.121521	0.723833	-1.38153	0.378077	0.840196	-1.1902	0.857856	0.9660272	-1.03512	0.022702	0.591487	-1.69065	0.153149	0.744888	-1.34248	0.563688	0.893702	-1.11894	0.186744	0.763797	-1.30925	1.82117	1.06915	0.521838	1
cg02812399	KLHL34;KLHL34	0.205346	0.280861	1.93383	1.93383	0.586044	0.723578	-1.38202	0.725233	0.812509	-1.23076	0.247454	0.490911	-2.03703	0.372408	0.583439	-1.71397	0.122086	2.68039	2.68039	0.0339132	4.29322	4.29322	0.219345	2.13828	2.13828	0.858228	1.11094	1.11094	1.82116	0.98536	4.87374	1
cg08202978	POM121	0.205357	0.0503959	0.359013	-2.78541	0.3212107	3.167731	3.167731	0.37033	0.837166	-1.19451	0.87598	0.550774	-1.07438	0.499	1.370519	1.370519	0.707593	0.185914	-5.37825	0.638322	0.474014	-2.10964	0.0624999	27.2647	27.2647	0.0886647	19.3227	19.3227	1.82111	71.7085	35.0011	1
cg22231529	LRIG4B	0.205359	0.587328	1.15709	1.15709	0.273442	0.738243	-1.35457	0.344948	0.771807	-1.29566	0.179709	1.46526	1.46526	0.175575	0.907152	-1.10255	0.393526	1.26204	1.26204	0.409827	1.25172	1.25172	0.02006	2.11078	2.11078	0.526399	0.840375	-1.18913	1.8211	2.04502	0.998184	1
cg19364688	CTF1;CTF1	0.205364	0.440997	0.847359	-1.18014	0.6618256	1.15579	1.15579	0.503899	1.1531	1.1531	0.505737	0.867326	-1.15297	0.677307	0.915563	-1.09222	0.081904	1.50135	1.50135	0.0500905	1.59936	1.59936	0.658158	1.09841	1.09841	0.273053	1.27183	1.27183	1.82108	1.28158	0.625553	1
cg16349724	LOC595101	0.205365	0.711847	1.03336	1.03336	0.72368	1.03189	1.03189	0.225888	0.893628	-1.11903	0.588836	1.14246	1.14246	0.321983	0.913491	-1.0947	0.074248	1.19233	1.19233	0.0949748	1.17617	1.17617	0.217917	0.891703	-1.12145	0.987031	1.00144	1.00144	1.82108	0.22557	0.110103	1
cg15604953	LEFTY1	0.205366	0.330104	1.76968	1.76968	0.712143	1.24228	1.24228	0.124428	1.46301	1.62497	-1.53257	0.313351	1.80806	1.80806	0.270218	1.17939	1.17939	0.352764	1.72128	1.72128	0.0234683	4.65159	4.65159	0.0639564	3.26914	3.26914	0.0908752	2.88022	2.88022	1.82107	9.30549	4.54116	1
cg00781110	LOC283731;ISLR2;ISLR2;ISLR2;ISLR2;ISLR2	0.205367	0.074555	0.109592	-9.12477	0.0334616	0.0629534	-15.8848	0.106193	0.140342	-7.12543	0.782505	1.36068	1.36068	0.505308	0.471278	-2.12189	0.0543645	0.08800633	-11.3555	0.553183	0.512918	-1.94963	0.309395	0.305794	-3.27017	0.2598851	0.270326	-3.69924	1.82106	35.7256	17.4382	1
cg07002894	AAMP;PNKD;PNKD	0.205368	?	?	?	0.821568	1.04589	1.04589	0.606285	0.901898	1.10877	0.289921	0.783179	-1.27685	0.791914	0.94884	-1.05392	0.717749	1.07476	1.07476	0.0445447	1.83163	1.83163	0.346376	1.27222	1.27222	0.46658	1.15852	1.15852	1.82103	1.01638	0.555326	1
cg11024464	KTELC1;KTELC1	0.205368	0.24595	0.863036	-1.1587	0.741981	0.9606588	-1.04092	0.353031	1.123	1.123	0.036514	0.744517	-1.34315	0.17083	1.31967	1.31967	0.323104	0.883476	-1.13189	0.0910732	0.797771	-1.25349	0.727847	0.958478	-1.04332	0.6095115	0.939382	-1.06453	1.82106	0.424994	0.207447	1
cg21320334	RIT2;RIT2	0.205372	0.422264	0.719729	-1.38941	0.171794	0.557879	-1.7925	0.60607	1.23208	1.23208	0.338424	1.48753	1.48753	0.31686	0.690537	-1.44815	0.474863	0.747101	-1.33851	0.0150877	0.300741	0.30741	0.162018	0.54935	-1.82033	0.928272	0.964522	-1.03678	1.82104	6.4424	2.26605	1
cg30641062	OAF	0.205379	0.585972	1.22553	1.22553	0.485623	1.16531	1.16531	0.0210792	1.18129	1.18129	0.0510197	1.12409	1.12409	0.327078	1.24384	1.24384	0.123778	1.43264	1.43264	0.231178	1.31111	1.31111	0.896532	1.02846	1.02846	0.956453	1.00185	1.00185	1.82101	1.34156	0.654857	1
cg15517965	rl65	0.205379	0.359783	0.884726	-1.13029	0.0284749	1.39077	1.39077	0.188562	0.834254	-1.19868	0.37797	1.12487	1.12487	0.459328	0.906644	-1.10297	0.554634	1.08084	1.08084	0.54205	1.0836	1.0836	0.344404	1.13506	1.13506	0.16501	1.21247	1.21247	1.82101	0.4880015	0.238215	1
cg09830022	NT5C2;NT5C2	0.205382	0.863702	0.936697	-1.06758	0.0101432	1.43609	1.43609	0.0778226	2.10835	2.10835	0.987267	1.06609	1.06609	0.524767	0.782459	-1.27802	0.819524	1.09088	1.09088	0.866925	0.938163	1.06091	0.46214	1.32964	1.32964	0.681255	1.17023	1.17023	1.821	1.47803	2.03944	1
cg26680238	LMO4	0.205382	0.569053	1.21208	1.21208	0.645501	1.16743	1.16743	0.126052	0.575115	-1.73878	0.876514	0.94936	-1.05334	?	?	?	0.0569471	0.48678	-2.05432	0.134401	1.71505	1.71505	0.169305	0.61303	-1.63124	0.81119	1.08327	1.08327	1.83016	2.8776	1.57232	1
cg15345769	KIF26A	0.205383	0.327471	0.677551	-1.4759	0.0797268	0.674465	-2.12105	0.462552	0.73839	-1.35478	0.242497	0.956195	-1.05041	0.624907	0.732553	-1.36529	0.0847448	2.07358	2.07358	0.135115	1.8594	1.8594	0.828822	1.08696	1.08696	0.288347	1.52879	1.52879	1.82096	4.2769	2.08774	1
cg12387859	FAM53A	0.205392	0.186552	0.291816	-3.42682	0.664763	0.681468	-1.46742	0.0938987	0.197854	-5.05423	0.980445	1.02179	1.02179	0.00895203	0.053698	-18.6227	0.945876	1.06154	1.06154	0.864591	1.16199	1.16199	0.893024	0.83618	-1.19591	0.589336	0.616422	-1.62226	1.82095	22.313	10.892	1
cg07381502	ATP6AP2	0.205392	0.355289	0.310407	-3.22001	0.331165	0.1339	-7.46825	0.0433212	0.50793	-1.96825	0.0178585	1.04449	1.04449	0.0376511	0.14103	-7.09103	0.158211	0.156372	-6.39501	0.593124	1.94099	1.94099	0.84314	0.783737	-1.27594	0.913725	0.875204	-1.14259	1.82095	0.4016	0.201579	1
cg19929123	NEU3	0.205401	0.0695782	0.388815	-2.57192	0.496994	1.37846	1.37846	0.0449194	0.342587	-2.91897	0.815049	0.896677	-1.11523	0.456024	0.702335	1.42382	0.640362	1.803323	-1.24483	0.253447	1.74213	1.74213	0.0867579	0.414594	-2.412	0.51932	0.737832	-1.35532	1.82091	0.24725	3.04964	1
cg10061342	C1orf21	0.205404	0.605316	0.848883	-1.17802	0.318184	0.723069	-1.38299	0.0298276	0.233316	0.646316	1.15628	0.696582	1.13106	1.13106	0.19106	0.403502	0.553229	0.828196	-1.20744	0.119888	0.588439	-1.69941	0.191293	0.647381	-1.54468	0.350345	0.739257	-1.35271	1.82089	2.84844	1.3905	1
cg02507663	NCRNA00219;SNORA13	0.205407	0.571321	1.12494	1.12494	0.427099	0.846312	-1.1816	0.405995	0.839502	-1.19118	0.490338	1.1551	1.1551	0.0316101	0.559328	0.897722	0.595594	1.89572	1.89572	0.0205195	0.58894	0.58894	-1.69796	0.349529	0.780623	-1.28107	0.774775	0.942671	-1.06082	1.82088	1.22129	0.556192	1
cg08062822	MCARTE;ZCCHC18;ZCCHC18	0.205412	0.217021	0.464231	-2.1541	0.0994107	0.344034	-2.90669	0.542461	1.43944	1.43944	0.0622089	3.45654	3.45654	0.975322	1.01844	1.01844	0.0683416	0.299161	-3.34268	0.475792	0.651552	-1.5348	0.778721	0.846587	-1.18107	0.966374	0.975402	-1.02522	1.82085	10.0656	4.91373	1
cg20795532	PPP2R2C;PPP2R2C	0.205414	0.163753	0.46581	-2.1458	0.475381	1.36912	1.36912	0.564387	1.3178	1.3178	0.857249	1.10794	1.10794	0.183756	0.902358	-1.10802	0.637038	0.783224	-1.27657	0.0461953	1.09469	1.09469	0.123134	0.907057	1.10234	0.470504	0.885634	-1.12945	1.82084	7.02142	3.72959	1
cg09418701	PAPSS2;PAPSS2	0.205416	0.0872628	0.366439	-2.72897	0.0308229	0.259658	3.85123	0.373963	0.615537	-1.6246	0.314718	0.575335	-1.73812	0.11241	0.398931	2.5067	0.201123	0.487788	-2.05007	0.587021	0.321281	-3.11254	0.496373	0.439848	-2.27351	0.194829	0.482307	-2.07337	1.82084	2.15329	3.98024	1
cg24995008	STARD13;STARD13;STARD13	0.205416	0.899481	0.949279	-1.05343	0.0584733	2.41225	2.41225	0.226052	1.68811	1.68811	0.175352	0.552331	-1.81051	0.67146	1.19211	1.19211	0.486905	1.33771	1.33771	0.0418679	2.62744	2.62744	0.554425	1.27928	1.27928	0.473111	0.740408	-1.35061	1.82083	4.89254	2.38842	1
cg22873371	C4orf34	0.205417	0.105414	0.748491	-1.33594	0.265016	0.896502	-1.11564	0.0745641	0.797505	-1.0024	0.0616473	0.75577	-1.32315	0.0540543	0.750158	-1.33262	0.0625253	0.751455	-1.33089	0.0615218	0.625251	0.625251	-1.59893	0.0615159	0.625251	-1.59893	0.0615159	0.625251	-1.59893	0.0615159

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1113 vs. N)	Fold-Change(1 vs.1113)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1453 vs. N)	Fold-Change(1 vs.1453)	p-value(1527 vs. N)	Fold-Change(1 vs.1527)	p-value(1537 vs. N)	Fold-Change(5 vs.1537)	Ratio(1537 vs. N)	Ratio(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)	SS(Test)	SS(Error)	
cg07274506	TAS1R1;TAS1R1;TAS1R1;TAS1R1;NOL9	0.205718	0.10008	0.591311	-1.69116	0.163854	1.54222	1.54222	0.513917	1.21291	1.21291	0.281267	1.38617	1.38617	0.949427	1.02035	1.02035	0.850747	1.05647	1.05647	0.483933	0.812667	-1.23052	0.03501188	0.488571	-2.04679	0.559429	0.841883	-1.18781	1.81942	2.45017	1.19705	1
cg00582579	ZFAT;ZFAT	0.205725	0.307538	0.507141	-1.97184	0.0159766	0.150137	-6.66058	0.101242	0.315521	-3.16936	0.872537	1.10872	1.10872	0.339174	0.530858	-1.88374	0.350954	0.539516	-1.85351	0.246826	0.459132	-2.17802	0.101976	0.316448	-3.16008	0.762292	1.21531	1.21531	1.81939	11.906	5.81686	1
cg21197233	ABHD4P2D	0.205729	0.124138	0.507252	-1.97153	0.507662	1.41739	1.41739	0.870283	0.698679	-1.08852	0.553255	1.732513	-1.36516	0.44531	0.667773	-1.49751	0.418018	0.650826	-1.53601	0.01119108	0.19615	-5.09814	0.167352	0.460853	-2.1466	0.124108	0.421372	-2.3732	1.81937	7.7614	3.79108	1
cg27534534	CCT2L	0.205731	0.483542	1.54754	1.54754	0.951725	1.03783	1.03783	0.44413	0.649175	-1.61357	0.393077	1.71008	1.71008	0.165075	0.403269	-2.47973	0.958392	1.03251	1.03251	0.0223934	0.186756	-5.35458	0.550074	1.44895	1.44895	0.111757	0.345702	-2.89267	1.89106	10.8373	5.29478	1
cg18181209	CYTSB;CYTSB	0.205732	0.113276	2.96118	2.96118	0.80725	0.857296	-1.16646	0.273532	0.487838	-2.04986	0.209519	1.30053	1.30053	0.300697	1.96504	1.96504	0.0564427	3.89802	3.89802	0.57904	1.42334	1.42334	0.0653681	1.6802	1.6802	0.217897	2.26248	2.26248	1.89136	11.4331	5.58593	1
cg06927280	LEPROTL1;LEPROTL1	0.205732	0.257793	0.826472	-1.20996	0.193836	0.801013	-1.24842	0.935171	1.01322	1.01322	0.968551	1.00638	1.00638	0.167345	0.788554	-1.26814	0.439283	1.13577	1.13577	0.0117899	0.601935	-1.66131	0.443527	0.881539	-1.13438	0.982704	1.0035	1.0035	1.89136	0.950568	0.366707	1
cg22276027	PLA2R1;PLA2R1;PLA2R1;PLA2R1	0.205733	0.128874	10.8796	10.8796	0.473154	2.88979	2.88979	0.247944	0.76973	-1.29973	0.110805	12.5157	12.5157	0.910952	1.1767	1.1767	0.65092	0.51555	-1.93968	0.04573156	27.4352	27.4352	0.0586776	22.3361	22.3361	0.108572	12.7529	12.7529	1.81936	60.9545	29.7808	1
cg13668229	VMA21	0.205734	0.277555	0.313646	-3.18883	0.0282754	2.10599144	2.10599144	0.76313	0.44795	-2.23195	0.0225128	5.80807	5.80807	0.668624	0.642533	-1.55634	0.144322	0.19969	-5.00777	0.737572	1.41263	1.41263	0.706345	1.30467	1.30467	0.633796	1.63725	1.63725	1.81932	30.4067	14.8562	1
cg01717706	SCD5;SCD5	0.20574	0.309667	0.470657	-2.12469	0.017699	0.126446	-7.9085	0.0990418	0.273527	-3.65595	0.657848	1.37646	1.37646	0.556493	0.652884	-1.53166	0.65452	0.724059	-1.3811	0.118912	0.297224	-3.36447	0.462728	1.70892	1.70892	0.908165	0.920608	-1.08624	1.81932	14.8066	7.23423	1
cg08047098	AP1G1;AP1G1	0.20574	?	?	?	?	0.525747	1.90237	0.147339	0.94711	-1.05597	0.134731	1.94711	1.94711	0.134731	1.07951	1.07951	0.4611	2.16755	2.16755	0.267624	0.960686	-1.04097	0.961008	1.58208	1.58208	1.48511	0.673348	1.48511	1.81932	1.82961	20.0955	10.0955	1
cg01837719	FUT9	0.205747	0.385392	0.815628	-1.22605	0.439731	0.834882	-1.19777	0.670237	1.10307	0.0489962	0.597654	-1.67321	0.203566	0.735403	-1.3598	0.309311	0.785878	-1.27246	0.0473861	0.594821	-1.68118	0.392668	1.2219	1.2219	0.41638	1.20952	1.20952	1.81929	1.51118	0.738351	1
cg16294152	AHR	0.205749	0.042909	0.329615	-3.03465	-7.71198	0.244621	0.345278	-2.89622	0.370161	0.453151	-2.20677	0.405838	0.474219	-2.10879	0.627089	1.59439	0.101792	-9.82388	0.222785	0.324997	-3.07665	0.107962	0.234656	-4.65962	0.0975824	0.202958	-4.92713	0.259426	0.19624	-2.8071	1.81928	22.1768	10.8355	1
cg03994274	GRHL2	0.205764	0.228967	0.784255	-1.2751	0.110717	1.39729	1.39729	0.222642	1.27978	1.27978	0.328195	0.823496	-1.21442	0.852005	0.864988	-1.0366	0.474095	1.15043	1.15043	0.0127445	1.6175	1.6175	0.578598	0.897625	-1.11405	0.951479	0.988355	-1.01178	1.81921	1.06759	0.521638	1
cg10890016	UNC84A;UNC84A	0.205765	0.924189	0.980036	-1.02037	0.87613	0.96749	-1.0336	0.353592	0.816911	-1.22412	0.193035	1.33891	1.33891	0.0130234	0.520607	-1.92084	0.689057	0.917746	-1.08963	0.371321	1.21469	1.21469	0.744781	0.933134	-1.07166	0.289838	0.792339	-1.26209	1.81921	1.29339	0.63197	1
cg02458062	HOXB3	0.205765	0.03818899	9.79627	9.79627	0.2249194	12.8977	12.8977	0.145023	4.22222	4.22222	0.151242	4.30939	4.30939	0.85285	1.19288	1.19288	0.634986	1.56539	1.56539	0.474671	1.99484	1.99484	0.518241	1.86292	1.86292	0.135256	6.41521	6.41521	1.8592	25.9959	12.702	1
cg17284440	ZNF605;ZNF605	0.205766	0.818844	0.971026	-1.02984	0.814829	1.03052	1.03052	0.292705	1.15016	1.15016	0.996425	1.00057	1.00057	0.115743	1.24526	1.24526	0.254783	1.16462	1.16462	0.0212117	1.42624	1.42624	0.184095	0.834783	-1.19792	0.426342	1.1097	1.1097	1.8192	0.473259	0.231242	1
cg09348242	ZNF385B;ZNF385B;ZNF385B	0.205774	0.407406	1.11146	1.11146	0.0194602	0.152346	-6.56399	0.0609351	0.244876	-4.0837	0.233328	2.29885	2.29885	0.651477	0.758607	-1.31879	0.731279	0.79482	-1.25815	0.724651	0.790106	-1.26565	0.796279	1.18808	1.18808	0.669556	1.33105	1.33105	1.81916	12.7946	6.24989	1
cg27130240	CBFA2T3;CBFA2T3	0.205774	0.949522	0.937717	1.06543	0.432517	2.25646	2.25604	0.975655	1.03148	1.03148	0.945338	0.992722	-1.35512	0.937907	1.07122	1.07122	0.518115	0.514018	-1.94546	0.00761006	0.0306237	-32.6544	0.375744	2.51773	2.51773	0.881632	0.859553	-1.1634	1.81916	29.7257	14.5247	1
cg08135787	HMGN4	0.205775	0.0326121	0.570831	-1.75183	0.75809	1.07172	1.07172	0.845838	0.957296	-1.04461	0.275858	0.775583	-1.28935	0.168671	0.71976	-1.38935	0.253965	0.765609	-1.30615	0.504191	1.16411	1.16411	0.193934	1.3609	1.3609	0.375636	1.22612	1.22612	1.81916	1.44824	0.707648	1
cg22358856	CEP192	0.205778	0.347227	0.715291	-1.40109	0.0936805	0.96448	-1.03668	0.52214	0.695572	-1.43945	0.178346	-1.27658	0.461439	0.760487	1.31552	1.31552	0.582624	1.21405	1.21405	0.21719	0.613614	-1.57422	0.0252467	0.596588	-1.67642	0.0234097	0.737715	0.889175	-1.12464	1.81914	3.51904	1.71951	1
cg09987562	TACR1;TACR1	0.20578	0.0787955	2.16281	2.16281	0.0856099	1.255	1.255	0.0495552	1.30714	1.30714	0.749093	1.0391	1.0391	0.625002	1.06065	1.06065	0.386359	0.89289	-1.11199	0.848789	1.00168	1.00168	0.630449	1.05966	1.05966	0.0706379	1.27315	1.27315	1.81913	0.41171	0.201175	1
cg01536744	THRB;THRB;THRB	0.205781	0.377134	0.752519	-1.32897	0.813502	0.928532	-1.07697	0.166128	0.695195	-1.43844	0.746502	0.903239	-1.10713	0.0648859	0.515675	-1.9169	0.864177	1.05519	1.05519	0.0754634	1.86007	1.86007	0.82387	1.07245	1.07245	0.0649263	0.521864	-1.91621	1.81913	2.83639	1.38596	1
cg00271311	CNTF;ZFP91-CNTF	0.205783	0.250012	0.524079	-1.90811	0.511426	0.699107	-1.4304	0.168003	0.453975	-2.20276	0.569113	1.36245	1.36245	0.0192164	0.218174	4.5835	0.44328	0.656964	-1.52215	0.480411	0.68009	-1.47039	0.316037	1.7457	1.7457	0.143302	0.429408	-2.32879	1.81912	8.32279	4.06682	1
cg02932669	NALCN	0.205784	0.781648	1.06547	1.06547	0.900002	0.971713	-1.02911	0.0122622	2.0358	2.0358	0.184467	1.37893	1.37893	0.57203	0.863907	-1.15753	0.823481	0.952083	-1.05232	0.400022	0.821487	-1.21731	0.340753	0.799245	-1.25118	0.630613	1.11693	1.11693	1.81912	1.50101	0.733451	1
cg23983726	AK5;LAK5;LAK3;LAK3L	0.205786	0.0548749	0.682446	1.02104	0.615526	1.68223	1.68223	0.572514	1.22853	1.22853	0.526698	1.69842	1.69842	0.0372524	0.857178	-1.16643	0.834032	1.22845	1.22845	0.0739761	0.857647	-1.16643	0.0499673	0.0775103	-12.9015	0.111893	1.138002	1.138002	1.81911	37.7044	18.4239	1
cg11828108	PITX3	0.20579	0.214643	0.754431	-1.3255	0.0958384	0.673972	-1.48374	0.398664	1.2049	1.2049	0.04169	0.602615	-1.65943	0.198605	1.34051	1.34051	0.867149	0.963098	-1.03832	0.222527	0.758417	-1.31854	0.9563	1.01189	1.01189	0.782609	1.06148	1.06148	1.81909	1.34058	0.655069	1
cg07508403	PCO1	0.205793	0.26108	0.711678	-1.40513	0.738503	0.99391	1.00391	0.0228564	1.64425	1.64425	0.0139223	1.48671	1.48671	0.0272332	1.15201	1.15201	0.240241	1.14255	1.14255	0.0115555	0.731279	0.79482	-1.25815	0.724651	0.790106	-1.26565	0.796279	1.18808	1.18808	0.669556	1.33105	1.33105	1.81916	12.7946	6.24989	1
cg02767960	INHA;OBSL1	0.205793	0.609123	1.15724	1.15724	0.158412	1.76287	1.76287	0.732877	0.208845	2.08685	0.0285427	0.737942	-1.35512	0.937907	0.971129	1.02973	0.943814	0.973845	1.02686	0.0276208	2.6662	2.6662	0.71279	1.14915	1.14915	0.280446	0.655823	1.5248	1.81907	1.07348	1.9905	1
cg01091565	MESP1	0.205793	0.315485	0.788914	-1.26757	0.571222	1.13965	1.13965	0.409896	0.824876	-1.2123	0.230355	0.750162	-1.33305	0.679524	0.909466	-1.09955	0.467197	1.18413	1.18413	0.0131508	2.01854	2.01854	0.913915	1.02501	1.02501	0.959704	0.988524	-1.01161	1.81907	1.50348	0.734675	1
cg15720064	FAM3C	0.205794	0.189188	0.7152	-1.39798	0.338158	0.776354	1.28816	0.0145572	0.739145	-1.35216	0.144913	0.739145	-1.35216	0.144913	0.739145	-1.35216	0.442299	1.05121	1.05121	0.648491	1.15154	1.15154	0.843852	0.890451	-1.12302	0.81885	0.866313	-1.15432	0.81907	1.21756	0.50984	1
cg21948805	TRMT2A;TRMT2A;RANBP1	0.205796	0.161339	1.54497	1.54497	0.500025	0.819471	-1.2203	0.695973	0.892076	-1.12098	0.753912	0.912602	-1.09577	0.418746	0.786406	-1.27161	0.751935	0.911905	-1.09661	0.0123517	0.404179	-2.47415	0.359373	0.645759	-1.54857	0.640908	0.87231	-1.14638	1.81906	2.43655	1.19063	1
cg13668205	CFC1B;CFC1	0.205796	0.0687501	2.48215	2.48215	0.0973924	1.18747	1.18747	0.0440749	0.744378	0.744378	0.102041	1.21989	1.21989	0.0667383	0.710938	-1.40659	0.262674	0.68662	-1.45622	0.0139409	1.18079	1.18079	0.0310166	1.31094	1.31094	0.0508008	1.34894	1.34894	1.81906	5.77332	3.18215	1
cg02268510	SIPA1L3	0.205798	0.0476892	0.465696	-2.14732	0.241063	0.660879	-1.51314	0.974326	0.989198	-1.01092	0.807061	1.08608	1.08608	0.030459	0.423866	2.35923	0.530156	2.3914	2.3914	0.385434	1.35026	1.35026	0.293089	0.692054	-1.44497	0.746429	0.896286	-1.11572	1.81905	1.28137	1.60346	1
cg05920454	CD9	0.205799	0.101204	0.448125	-2.23152	0.0132599	0.253425	-3.94594	0.148045	0.49958	-2.00168	0.860056	0.924112	-1.08212	0.974701	0.985918	-1.01428	0.370302	0.662684	-1.50901	0.255587	0.588136	-1.70029	0.158838	0.509906	-1.96114	0.239119	0.5708	-1.75193	1.81905	5.76236	2.81581	1
cg17215863	RALYL;RALYL;RALYL;RALYL	0.20058	0.0877167	2.48215	2.48215	0.0973924	1.18747	1.18747	0.0440749	0.744378	0.744378	0.102041	1.21989	1.21989	0.0667383	0.710938	-1.40659	0.262674	0.68662	-1.45622	0.0139409	1.18079	1.18079	0.0310166	1.31094	1.31094	0.0508008	1.34894	1.34894	1.81906	5.77332	3.18215	1
cg00746902	TUBB8	0.205811	0.0536124	0.31172	-3.208	-1.10725	0.396824	-2.52001	0.19244	0.480128	-2.08278	0.293482	0.560148	-1.78524	0.025658	0.244222	-4.09463	0.134575	0.424002	-2.35848	0.196533	0.483724	-2.06729	0.209122	0.494552	-2.02203	0.248192	0.526228	-1.90032	1.81899	8.14853	3.98195	1
cg16408104	GDNF;GDNF;GDNF	0.205812	0.0208634	0.0997654	-10.0263	0.0970557	-2.39775	0.0607799	0.0239744	0.0205548	-4.87413	0.657135	0.732723	-1.36477	0.989145	1.00952	1.00952	0.615222	0.702714	-1.42305	0.301828	0.474489	-2.10575	0.179092	0.270084	3.70084	0.0518632	0.214357	-4.66511	1.81898	13.9611	6.82243	1
cg22952849	EBF3	0.205814	0.117753	0.306488	-3.26277	0.651419	0.726714	-1.37247	0.0481317	0.207549	-4.81813	0.657135	0.732723	-1.36477	0.989145	1.00952	1.00952	0.615222	0.702714	-1.42305	0.301828	0.474489	-2.10575	0.179092	0.270084	3.70084	0.0518632	0.214357	-4.66511	1.81898	13.9611	6.82243	1
cg24644113	TADA3	0.205817	0.131358	2.48042	2.48042	0.160567	2.30705	2.30705	0.550174	1.40096	1.40096	0.160973	2.72883	2.72883	0.439993	1.55149	1.55149	0.14418	2.39881	2.39881	0.0605713	3.25459	3.25459	0.0350081	3.93552	3.93552	0.118194	2.5756	2.5756	1.81896	8.96053	4.37882	1
cg22854561	WDSUB1;WDSUB1;WDSUB1	0.205818	0.4995541	1.20863	1.20863	0.0176564	0.409053	-2.44501	0.281381	1.62381	1.62381	0.0216764	0.724474	-1.40317	0.501388	1.30545	1.30545	0.0887737	0.598069	-1.67205	0.0277788	0.734146	-1.36213	0.238486	0.713142	-1.40224	0.224053	0.417651	-2.39446	1.81896	2.16005	1.05557	1
cg06508886	APC2	0.205822	0.118026	2.14184	2.14184	0.723595	0.70773	-1.41333	0.0798314	0.267483	1.65867	0.356005	0.156017	1.56017	0.90514	1.00557	1.00557	0.124319	2.18071	2.18071	0.0280478	0.337261	0.337261	0.0437083	2.96139	2.96139	0.181508	1.94355	1.94355	1.81894	6.32319	3.09005	1
cg14912034	LOL2	0.205824	0.0455883	0.0201446	-49.6704	0.0156526	0.0201446	0.0201446	-49.6704	0.0156526	0.0156526	0.0201446	0.0201446	0.0201446	-49.6704	0.0156526	0.0156526	0.0201446	0.0201446	-49.6704	0.0156526	0.0156526	0.0201446	0.0201446	-49.6704	0.0156526	0.0156526	0.0201446	0.0201446	-49.6704	0.0156526	0.0156526	0.0201446	1.81894	0.0201446	0.0201446	-49.6704	0.0156526	0.0156526	0.0201446	1
cg05944271	ARPP-21	0.205824	0.88973	1.05579	1.05579	0.0560843	0.428803	-2.33207	0.368489	0.696648	-1.43545	0.627769	0.825959	-1.21071	0.324866	1.48863	1.48863	0.144018	2.39881	2.39881	0.0605713	3.25459	3.25459	0.0350081	3.93552	3.93552	0.118194	2.5756	2.5756	1.81896	8.96053	4.37882	1
cg18393693	PDE10A;PDE10A	0.205826	0.156335	0.553809	-1.80624	0.175217	0.735414	1.35941	0.0402313	1.20258	1.20258	0.537074	0.782754	-1.27764	0.31556	3.16918	3.16918	0.0499314	2.00311	2.00311	0.0233704	0.477353	-2.0952	0.161974	0.388996	2.57047	0.0242676	0.189897	-5.26791	1.81892	4.42425	2.16209	1
cg07839469	PIA1;PIA1;PIA1	0.205833	0.0599422	0.439115	-2.32507	0.19196	1.95586	1.95586	0.766161	0.800458	-1.24953	0.260161	1.18712	1.18712	0.297101	0.653806	-1.52951	0.0852619	0.473778	-2.0904	0.301449	0.51424	1.51424	0.467058	0.749381	-1.33337	0.980915	1.00931	1.00931	1.81889	1.43267	0.71444	1
cg16804882	PDE7B	0.205834	0.03232	0.197555	-5.06187	0.299909	0.499016	-2.00395	0.27649	0.480742	-2.08012	0.90536	1.08	1.08	0.0219895	0.169008	-5.91689	0.299088	0.498384	-2.00649	0.470849	0.622102	-1.60745	0.561926	0.684242	-1.46147	0.12694	0.343642	-2.91001	1.81888	12.0611	5.89425	1
cg08358843	KLF2	0.205835	0.18905	0.73132	-1.36743	0.551208	1.61434	1.61434	0.56221	0.502066	0.65536	0.0837195	1.12133	1.12133	0.0150267	0.947202	-1.47951	0.709368	0.914144	-1.09412	0.0115204	1.59763	1.59763	0.0626757	1.7912	1.7912	0.115184	3.11443	3.11443	1.81888	15.7698	7.7071	1
cg20288655	RAP1GAP;RAP1GAP	0.205839	0.826501	0.939013	-1.06495	0.723359	1.10725	1.10725	0.87754	1.04519	1.04519	0.516411	1.20755	1.20755	0.223957	0.693356	-1.44226	0.451649	0.802665	-1.24585	0.724558	0.903559	-1.10673	0.008977229	0.385779	-2.59216	0.417404	1.26814	1.26814	1.81886	2.36609	1.15676	1
cg17718990	RNASE1;RNASE1;RNASE1;RNASE1	0.20584	0.627154	1.50233	1.50233	0.586223	0.437095	-1.56962	0.686205	0.565659	-1.76836	0.0982342	0.42457	-2.35452	0.508005	0.57646	-1.73473	0.130157	3.82255	3.82255	0.070274	0.44026	-2.27145	0.0561824	0.49403	-2.02393	0.0429242	0.22345	0.22345	1.81885	33.3917	9.472	1
cg07227040	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2	0.205842	0.820807	1.13988	1.13988	0.4632	0.649924	-1.53864	0.16711	0.427456	-2.33942	0.959162	0.970883	-1.02999	0.159433	0.419936	-2.38132	0.339135	0.566344	-1.76571	0.660999	1.28001	1.28001	0.0917832	1.49385	1.49385	0.1743106	1.20899	1.20899	1.81884	1.59266	0.66804	1
cg05732876	TOP3B	0.205843	0.682653	0.907197	-1.1023	0.864578	0.960363	-1.04127	0.84492	1.01794	1.01794	0.840747	0.96038	-1.04158	0.980818	0.633325	-1.57897	0.069591	0.61745	1.61745	0.87642	0.9638	-1.03756	0.0329801	0.553864	-1.8055	0.876451	0.963809	-1.03755	1.81884	1.61706	0.790278	1
cg19926358	ZSWIM4	0.205845	0.422209	0.842003	1.18756	0.0240202	0.211585	0.211585	0.0371496	1.57645	1.57645	0.61446	2.06703	2.06703	0.0109554	0.483946	2.06703	0.0116128	0.409027	2.44446	0.0276103	0.125843	0.125843	0.0107348	0.14095	0.14095	0.0158318	0.126332	0.126332	1.81884	1.08654	0.31883	1
cg14835575	RSU1;RSU1;RSU1;RSU1	0.205847	0.975623	1.00593	1.00593	0.687352	0.924738	-1.08139	0.83202	0.959752	-1.04194	0.12445	1.38225	1.38225	0.775374	1.05689	1.05689	0.609313	1.10482	1.10482	0.0376057	1.59438	1.59438	0.255313	0.794787	-1.2582	0.0533263	1.52887	1.52887	1.81882	1.07745	0.526567	1
cg07218894	SLC38A3	0.205848	0.0210279	0.58047	-1.72234	0.880373	0.970921	-1.02995	0.992933	1.18708	1.18708	0.143134	0.734658	-1.36118	0.139778	0.732457	-1.36527	0.0944504	1.78282	-1.27668	0.121563	0.737943	-1.35516	0.0827007	0.952128	-1.05028	0.482487	0.809468	-1.15013	1.81881	1.10611	0.540576	1
cg13524588	AES;AES;AES	0.205852	0.649762	1.5127	1.5127	0.774297	0.770813	-1.29733	0.847147	0.839691	-1.19091	0.538097	1.75842	1.75842	0.606893	0.5998	1.5998	0.0922007	1.08726	-1.35543	0.0149877	0.0666868	-14.9955	0.0414173	0.583311	1.58331	0.461484	0.964308	1.96308	1.8188	23.6123	11.5399	1
cg24153044	ESPN	0.205857	0.745471	0.754707	-1.32502	0.932835	0.929759	-1.07555	0.356247	0.440495	-2.27017	0.134832	0.42635	0.42635	0.0873448	0.195774	-5.10794	0.37255	0.453403	-2.20554	0.0248277	0.0994641	-10.0539	0.789525	1.26005	1.26005	0.973436	0.97164	-1.02919	1.81878	21.5016	10.5094	1
cg10427868	ZNF23	0.205857	0.0947917	0.0224	-44.6429	0.0224	0.0224	0.0224	-44.6429	0.0224	0.0224	0.0224	0.0224	0.0224	-44.6429	0.0224	0.0224	0.0224	0.0224	-44.6429	0.0224	0.0224	0.0224	-44.6429	0.0224	0.0224	0.0224	-44.6429	0.0224	0.0224	0.0224	-44.6429	0.0224	1.81878	0.0224	0.0224	-44.6429	0.0224	0.0224	0.0224	1
cg10788735	PNMAL1;PNMAL1	0.205857	0.338106	0.73205	0.73205	0.907606	0.06671	1.06671	0.0797838	0.29408	2.94008	0.170844	0.444322	-2.25062	0.755275	0.840359	-1.18997	0.871889	0.914138	-1.09393	0.0309042	0.24421	-4.09453	0.0253293	0.762917	-1.31076	0.465746	0.663712	-1.51123	1.81877	8.91336	4.35622	1
cg12914062	EXOC1;EXOC1;EXOC1	0.205858	0.617582	1.327	1.327	0.466242	0.744168	0.744168	0.885995	0.842565	-1.18572	0.0102436	0.842565	-1.18572	0.0102436	0.842565	-1.18572	0.0102436	0.842565	-1.18572	0.0102436	0.842722	-1.18572	0.0102436	0.842565	-1.18572	0.0102436	0.842565	-1.18572	0.0102436	0.842565	-1.18572	0.0102436	1.81877	0.842565	-1.18572	0.0102436	0.842565	-1.18572	0.0102436	1
cg26689765	TTGA1;PELO	0.205867	0.147371	0.722502	-1.38408	0.503099	0.10008	1.10008	0.834756	1.04464	1.04464	0.382396	1.20597	1.20597	0.218807	1.31048	1.31048	0.688147	1.08801	1.08801	0.0172344	0.545178	-1.83426	0.861608	1.03715	1.03715	0.742218	1.07144	1.07144	1.81873	1.25901	0.615331	1
cg03938085	PCDHGB4;PCDHGA4;PCDHGA5;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGA7;PCDHGB2;PCDHGB4	0.205867	0.146787	2.55356	2.55356	0.0389422	4.21639	4.21639	0.259259	2.031	2.031	0.762291	0.83308	-1.20037	0.598561	0.726276	-1.37689	0.290736	1.93488	1.93488	0.396499	1.68658	1.68658	0.0362713	4.33005	4.33005	0.237185	2.10753	2.10753	1.81873	10.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg12997958	FUI MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEI	0.20605	0.023412	0.58251	1.86341	0.89123	1.03195	1.03195	0.958434	0.988093	1.00204	1.00204	0.991164	0.983178	-1.03751															
cg09836544	52;MEIS2	0.20605	0.0765899	0.302651	-3.30185	0.2422968	0.242103	-4.13047	0.0959897	0.330012	-3.01819	0.07531	0.774556	-1.29106	0.203108	0.44187	-2.26311													
cg13836412	VAV2;VAV2	0.20605	0.121676	0.523879	-1.90884	0.0975944	0.496398	-2.01451	0.48614	0.761344	-1.31347	0.139852	0.542221	-1.84427	0.0121961	0.30017	-3.33144													
cg27530629	C1orf230	0.20605	0.725161	1.08897	1.08897	0.929177	0.978764	-1.0217	0.737127	0.921877	-1.08474	0.615027	0.884758	-1.13035	0.464752	0.83556	-1.1968													
cg07236076	C6orf106;C6orf106	0.20605	0.102415	0.241565	-4.13967	0.544849	0.614403	-1.5276	0.775021	1.2958	1.2958	0.892432	1.11354	1.112125	0.241221	-1.44572														
cg25414537	GAB2;GAB2	0.20606	0.691093	1.24886	1.24886	0.255488	1.93579	1.93579	0.610131	1.33126	1.33126	0.23428	2.00118	2.00118	0.588844	1.35477	1.35477													
cg22315746	PHRF1 PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP;P	0.20606	0.167666	0.394016	3.94016	0.559505	1.7324	1.7324	0.770383	1.51328	1.31328	0.209979	1.47324	1.45166	0.911666															
cg18191688	DE4DIP;PDE4DIP;PDE4DIP	0.20604	0.671639	1.1862	1.1862	0.3389387	2.60457	2.60457	0.021887	3.00861	3.00861	0.664741	1.99079	1.99079	0.518531	1.29967	1.29967													
cg22668895	TAP6P;TAP6P;RGL2;RGL2	0.20606	0.254537	0.678784	-1.47322	0.152725	0.612287	-1.63322	0.781555	1.09475	1.09475	0.844945	1.06584	1.06584	0.644807	1.07629	2.11627													
cg27131958	FAM15BA	0.20606	0.104103	0.731169	-1.36767	0.0238208	0.608451	-1.60845	0.429803	1.15318	1.15318	0.277467	1.2202	1.2202	0.724505	1.06434	1.06434													
cg25004143	AMMECR1;AMMECR1;AMMECR1	0.20607	0.749989	1.08163	1.08163	0.874925	0.962073	-1.03942	0.893847	1.03203	1.03203	0.567291	0.867685	-1.15249	0.042526	0.56377	-1.77377													
cg00594003	PDCD11;USMG5	0.20605	0.283002	1.24825	1.24825	0.0998392	1.14314	1.14314	0.181723	1.3255	1.3255	0.416492	1.29502	1.29502	0.627841	1.10198	1.10198													
cg14367014	ICA1L;ICA1L	0.20607	0.266639	0.496501	-2.01592	0.144759	0.387217	-2.58253	0.194817	2.29496	2.29496	0.763429	1.20063	1.20063	0.163147	0.555769	-1.79931													
cg24511341	CAB52	0.20604	0.150463	1.29755	1.29755	0.53272	1.10627	1.10627	0.103992	1.52851	1.52851	0.136881	1.23288	1.23288	0.852835	1.06305	-1.10553													
cg04654907	BCKDHB;BCKDHB	0.20608	0.156913	0.743978	-1.34413	0.853063	0.03688	1.03688	0.0629077	1.50492	1.50492	0.491048	1.14641	1.14641	0.349817	0.828614	-1.20683													
cg04802195	ZFP62	0.20609	0.105975	0.662021	-1.5151	0.706489	0.014327	-1.0931	0.1401955	0.680569	-1.45271	0.156948	0.700323	-1.42749	0.415387	1.20959	1.20959													
cg16533100	MS4A10	0.20609	0.0997256	0.626126	-1.59665	0.24235	0.363783	1.63258	-1.58383	0.7925516	0.878663	-1.13809	0.271391	0.571985	-1.7483	0.0628934	0.35817	-2.79197												
cg17341955	ANO10	0.20609	0.128011	0.538304	-1.85769	0.120146	1.88624	1.88624	0.295759	1.50396	1.50396	0.0540232	0.439020	-2.27776	0.165591	0.573146	-1.74476													
cg00765254	C10orf76	0.20609	0.817137	1.09026	1.09026	0.75124	1.16532	1.16532	0.225875	1.62765	1.62765	0.127257	1.77639	1.77639	0.265849	0.515457	1.31987	1.31987	1.12627											
cg24760577	CEACAM16	0.20609	0.231216	1.425	1.425	0.19401	1.47336	1.47336	0.238661	0.706059	-1.41631	0.510623	1.20707	1.20707	0.245134	1.40203	1.40203													
cg15024996	RNF149	0.20610	0.421207	0.839393	-1.19146	0.478933	0.212534	-1.41285	0.0127146	0.56648	-1.76497	0.0450169	0.376413	-2.65716	0.0188207	0.43276	-2.31097													
cg13139020	NQO2	0.20611	0.685646	1.12196	1.12196	0.3306481	0.487669	-2.05057	0.156079	1.53588	1.53588	0.418345	0.791474	-1.26346	0.293367	0.734741	1.36102													
cg15604997	PPCDC	0.20615	0.0935915	0.72564	-1.37809	0.716081	1.06558	1.06558	0.40074	0.861066	-1.16135	0.775565	0.951504	-1.05097	0.485457	1.13119	1.13119													
cg05903800	SUV39H1	0.20618	0.0923614	0.444554	2.24775	0.78471	0.83551	-1.19975	0.950757	1.23606	1.23606	0.233366	2.2955	2.2955	0.0897293	0.488772	2.07598													
cg11019462	PRDM15;PRDM15	0.20624	0.210816	0.776195	-1.28834	0.9415594	1.01419	1.01419	0.202512	0.772177	-1.29504	0.717286	0.932512	-1.07237	0.515823	0.88108	-1.13497													
cg24106126	SYT16;DNTTIP1	0.20625	0.54108	0.607561	-1.62713	0.9784649	0.87334	-1.0214	0.3230151	1.29598	1.29598	0.174832	1.31084	1.22182	0.915436	0.93648	-1.06284													
cg23231974	PLOD1	0.20627	0.444247	0.740065	-1.35123	0.950777	1.02411	1.02411	0.152204	1.80747	1.80747	0.0775613	0.469006	-2.13127	0.261202	0.522212	-1.91493													
cg22125253	OR10G4	0.20634	0.611597	0.90538	-1.10451	0.503035	1.14103	1.14103	0.637253	0.911926	-1.09658	0.366376	0.835161	-1.19737	0.619277	0.907349	-1.10211													
cg18582848	LRRC20;LRRC20;LRRC20	0.20638	?	0.61598	?	0.0680656	0.157126	-1.15127	0.4238999	0.785767	-1.43726	?	?	?	0.145182	0.95492	-1.04719													
cg18806644	ZFP64	0.20639	0.552016	1.14354	1.14354	0.0875699	1.52556	1.52556	0.0195782	0.533221	-1.8754	0.741937	1.07644	1.07644	0.178419	1.08406	1.08406													
cg18133072	WAB1	0.20641	0.344311	1.04006	1.04006	1.0499	0.2134	1.2134	0.0153626	1.24233	1.24233	0.0429591	1.39239	1.39239	0.0429591	1.36307	1.36307	0.0429591	1.32522	1.32522	0.0429591	1.32522	0.0429591	1.32522	0.0429591	1.32522	0.0429591	1.32522		
cg16168705	PCOTH;PCOTH;MIPEP	0.20642	0.153417	0.726272	-1.3769	0.6698438	1.52831	1.52831	0.184	1.34297	1.34297	0.283442	0.79202	-1.26259	0.53514	1.14043	1.14043													
cg15466575	NPHP4	0.20645	0.0538396	0.351021	-2.84883	0.0720294	0.382773	-2.61251	0.0535503	0.350461	-2.85339	0.437519	1.46046	-1.46046	0.147593	0.475665	-2.10232													
cg08097359	NOSIP	0.20646	0.321757	0.844129	-1.18457	0.6619196	0.211802	1.54649	0.0468077	0.8080077	-1.2476	0.0815294	0.608259	-1.64393	0.0178544	0.722493	-1.38404													
cg01005835	MECR;MECR;MECR	0.20647	0.249259	1.28501	1.28501	0.438026	1.17908	1.17908	0.425378	1.18473	1.18473	0.847735	0.960761	-1.04084	0.795635	1.05554	1.05554													
cg00164154	FAM61A	0.20649	0.187453	0.610396	-1.63802	0.4868645	0.52182	1.91664	0.2155955	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183			
cg14732384	C21orf70	0.20655	0.86219	0.880115	-1.13634	0.603502	0.47029	1.47029	0.375307	1.95304	1.95304	0.22391	0.390651	-2.55983	0.0155251	0.112638	8.87799													
cg12937718	KLHL1;KLHL1;ATXN8OS	0.20657	0.602775	0.587189	-1.70303	0.90253	1.13228	1.13228	0.68559	1.51092	1.51092	0.542063	0.534814	-1.86981	0.477538	0.480806	-2.07884													
cg05424831	ATXN7L1	0.20659	0.387453	0.760106	-1.31552	0.6703447	0.231236	1.67837	0.0227427	0.7114163	-1.40588	0.2167233	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183	0.648739	-1.54161	0.0135183			
cg03364247	ZNF612;ZNF621	0.20616	0.344475	0.589217	-1.69717	0.6168287	0.205477	-1.86672	0.0632588	0.321508	-3.11034	0.981265	0.987326	-1.01284	0.139073	0.421101	2.37473													
cg21462681	C7orf66	0.20617	0.174308	0.704056	-1.42075	0.7847171	0.83551	-1.19705	0.950757	1.23606	1.23606	0.233366	2.2955	2.2955	0.0897293	0.488772	2.07598													
cg09671650	PITPNC1;PITPNC1	0.20616	0.295503	1.78373	1.78373	0.0412932	0.284883	-3.51021	0.695342	1.23362	1.23362	0.149805	2.2789	2.2789	0.673948	1.28827	1.28827													
cg05925896	SSTR2	0.20616	0.0653706	0.543413	-1.77149	0.3576533	1.30084	1.30084	0.552199	1.16181	1.16181	0.213546	0.695254	-1.43832	0.0743717	0.576119	-1.73575													
cg20138845	SIX2 PQBP1;PQBP1;TIMM17B;PQBP1;TIMM	0.20616	0.724574	0.872007	-1.14678	0.164464	0.563139	-1.77576	0.652453	1.19185	1.19185	0.274341	0.643818	-1.55323	0.660908	0.8429914	-1.18636													
cg11857742	17B;PQBP1;PQBP1;PQBP1;PQBP1;PQBP	0.20618	0.0209434	0.161225	-6.2025	0.850721	1.13159	1.13159	0.810125	1.1711	1.1711	0.159551	2.86996	2.86996	0.358627	1.85777	1.85777													
cg26546882	ACSF3;ACSF3;ACSF3	0.20618	0.167415	0.845477	-1.18276	0.8459727	0.079776	-1.02083	0.0146717	0.978167	-1.02212	0.926613	0.989973	-1.01013	0.0768007	1.25156	1.25156													
cg04129870	CDBB;CDBB;CDBB	0.20618	0.825814	1.14412	1.14412	0.08728218	1.16839	1.16839	0.247113	0.47748	-2.09433	0.645938	0.385373	-2.59489	0.0634663	0.2795	-3.57782													
cg00719108	ABCB6	0.20618	0.546024	0.873862	-1.14435	0.0214938	1.895	1.8395	0.711229	0.921466	-1.08523	0.734597	1.08119	1.08119	0.140945	1.23995	1.23995													
cg08097359	NOSIP	0.20618	0.321757	0.844129	-1.18457	0.6619196	0.211802	1.54649	0.0468077	0.8080077	-1.2476	0.0815294	0.608259	-1.64393	0.0178544	0.722493	-1.38404													
cg00043543	SERPINF2;SERPINF2;SERPINF2	0.20619	0.132917	0.22787	-4.38847	0.954326	0.949091	-1.05364	0.39545	2.21202	2.21202	0.0684232	0.155516	-6.4302	0.272813	0.353044	-2.83251													
cg03763616	HCRTR1	0.20623	0.0793683	0.5223	-1.91455	0.242885	0.616572	-1.97091	0.528086	0.7898	-1.26614	0.729136	1.15692	1.15692	0.0161384	0.337359	-2.962													
cg18055394	EPHA3;EPHA3	0.20619	0.296416	0.615697	-1.62418	0.30012	1.61774	1.61774	0.658396	1.22058	1.22058	0.0908326	2.30375	2.30375	0.703074	0.85667	-1.16731													
cg08145381	KIAA0317 NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD	0.20620	0.269573	0.442403	-2.26038	0.0121879	0.109074	-9.16806	0.0522071	0.208798	-4.78932	0.831109	1.18293	1.18293	0.444344	0.575151	-1.73867													
cg15733882	D4LNEDD4L;NEDD4L;NEDD4L	0.20624	0.677496	1.28971	1.28971	0.096282	3.03716	3.03716	0.0332194	0.5459	0.5459	0.868064	1.10643	1.10643	0.0135573	1.05366	1.05366													
cg09126324	UPC1	0.20625	0.0916234	0.744751	-1.34261	0.8122351	0.182351	1.18224	0.0911928	1.31928	1.31928	0.227272	0.855793	-1.16855	0.124086	1.24086	1.24086													
cg01758539	RPS20	0.20627	0.379261	1.49648	1.49648	0.594462	0.786519	-1.27143	0.0281968	0.314066	-3.18404	0.32416	0.634416	-1.57625	0.744307	1.1575	1.1575													
cg17016559	ATXN10;ATXN10	0.20626	0.598612	1.25796	1.25796	0.615598	1.217	1.217	0.0629023	2.46957	2.46957	0.270707	1.64128	1.64128	0.262782	1.63114	1.63114													
cg07550278	C10orf4	0.20627	0.23904	0.4803	-2.08177	0.2178	0.82512	-1.21194	0.181179	1.272334	1.272334	0.6757	1.24851	1.24851	0.365072	1.73919	0.849429	0.868237	1.14564											
cg22157398	MBOAT2	0.20622	0.636957	0.954523	-1.04764	0.559902	0.943918	-1.05941	0.0194911	0.758475	-1.31844	0.817783	0.983084	-1.01721	0.325683	1.10446	1.10446													
cg03763616	SPI8	0.20623	0.0793683	0.5223	-1.91455	0.242885	0.616572	-1.97091	0.528086	0.7898	-1.26614	0.729136	1.15692	1.15692	0.0161384	0.337359	-2.962													
cg25607239	RCC2;RCC2	0.20624	0.186544	0.20959	1.20959	0.933941	0.988798	-1.01133	0.99003	0.998304	-1.0017	0.152242	0.811883	-1.23171	0.752572	1.04391	1.04391													
cg14076390	DHRS11	0.20628	0.137642	0.503174	-1.98738	0.0529184	2.57283	2.57283	0.387001	1.46363	1.46363	0.183251	1.83427	1.83427	0.273512	0.612654	-1.63224													
cg15772166	TRAF3IP2;TRAF3IP2;TRAF3IP2	0.20628	0.0479483	0.385034	-2.59707	0.2228	0.90309	-1.10731	0.0536504	0.82945	1.20645	0.163465	1.24945	1.24945	0.0135573	0.80053	1.24945													
cg16206743	FAM48A;FAM48A;FAM48A;FAM48A	0.20624	0.104759	0.19157	1.59157	0.540218	0.849991	-1.17648	0.28117	1.34124	1.34124	0.226556	1.39488	1.39488	0.194078	0.813557	-1.22917													
cg04414675	PTPN2;PTPN2;PTPN2	0.20624	0.163314	0.715138	-1.32426	0.0990066	0.516001	1.16533	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922			
cg09866104	ADAM12;ADAM12	0.20625	0.0619404	0.4047	-2.47096	0.0530111	0.388198	-2.576	0.663967	0.828519	-1.20697	0.630971	1.23158	1.23158	0.229801	0.581438	-1.71987													
cg25837710	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.20625	0.623205	1.22255	1.22259	0.767582	1.12781	1.12781	0.315765	1.52341	1.52341	0.0331734	0.364014	-2.74715	0.753202	0.879845	-1.13656													
cg20106124	HLA-C	0.20629	0.0770153	1.13477	1.13477	0.0938385	1.93433	1.93433	0.462926	1.49727	1.49727	0.0744573	1.54908	1.54908	0.0758538	0.95932	-1.0456													
cg10111112	RIMBP2	0.20629	0.976938	1.00676	1.00676	0.0793605	1.57441	1.57441	0.826924	0.950246	-1.05236	0.703781	0.914818	-1.09311	0.0228338	0.530039	-1.88665													
cg09536138	EPHA4	0.20629	0.817972	1.09026	1.09026	0.750247	1.04655	1.04655	0.0162163	0.495222	2.0193	0.431391	0.707145	-1.41399	0.0228338	0.530039	-1.88665													
cg05289568	CHSY3	0.20625	0.0569587	2.43672	2.43672	0.0254273	0.99893	0.99893	0.777561	1.12423	1.12423	0.436004	1.38899	1.38899	0.239092	1.64488	1.64488													
cg03155563	PTPN2;PTPN2;PTPN2	0.20626	0.262556	1.44766	1.44766	0.2629	0.388063	0.388063	0.0134418	0.94523	1.94523	0.0196863	1.63338	1.63338	0.0822326	2.76812	1.24523													
cg12990844	SSB	0.20627	0.1505	0.862104	-1.15995	0.412753	0.2762687	-1.27765	0.4401985	0.7780041	-1.28528	0.715764	1.11294	1.11294	0.798654	0.9279335	-1.07766													
cg26157738	WNT7	0.20627	0.264535	0.67047	-1.49088	0.0563703	2.10011	2.10011	0.178917	1.79055	1.79055	0.834664	0.930739	-1.07442	0.918807	0.973977	-1.02672													
cg27357049	MIR548HA;SPESP1;NOX5	0.20628	0.0776192	0.75138	-1.32426	0.0990066	0.516001	1.16533	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922	0.646687	1.54667	0.0180922			
cg23845806	PDK2	0.20629	0.0177383	0.117684	-7.26299	0.583549	0.44706	1.44706	0.653068	0.739437	-1.35238	0.705321	1.28837	1.28837	0.961079	0.967999	-1.03306													
cg14061947	CACNA1B	0.20627	0.0845382	0.644923	-2.22959	0.2887567	0.160781	-2.60726	0.0630691	0.374719	-2.66923	0.0208307	0.698005	-1.43161	0.0197726	0.563958	-1.77257													
cg10652091	SNED1	0.20628	0.161651	0.703556	-1.42139	0.196691	0.12422	1.02422	0.0135657	0.33951	-2.94571	0.0195251	0.33951	-2.94571	0.0195251	0.33951	-2.94571	0.0195251	0.33951	-2.94571	0.0195251	0.33951	-2.94571	0.0195251	0.33951	-2.94571	0.0195251			
cg04140212	TMEM150A;TMEM150A;TMEM150A	0.20628	0.482212	0.835629	-1.1967	0.451533	0.824612	-1.21269	0.313739	1.29945	1.29945	0.0956219	1.58441	1.58441	0.875337	0.961299	-1.04026													
cg03522409	AMMECR1;RGAG1	0.20627	0.0845382	0.644923	-2.22959	0.2887567	0.160781	-2.60726	0.0630691	0.374719	-2.66923	0.0208307	0.698005	-1.43161	0.0197726	0.563958	-1.77257													
cg23653138	ELMO2;ELMO2	0.20628	0.144205	0.787347	-1.28477	0.790598	1.04343	1.04343	0.495446	0.895378	-1.11685	0.460137	0.886813	-1.12763	0.60676	0.919117	1.088													
cg04801901	CAPG	0.20628	0.190056	0.672132	-1.52084	0.599558	0.640403	1.56127	0.0414005	0.619853	-1.61329	0.0558569	0.519747	-1.92401	0.101924	0.660232	-1.51514													
cg00706536	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.20628	0.31398	0.659579	-1.51588	0.49654	1.02054	1.02054	0.2411	0.6974	-1.43393	0.2106	0.64123	1.51486	0.0955161	0.44123	-2.00186													
cg22264975	RRAGD	0.20629	0.628838	0.934534	-1.07005	0.114713	0.78784	-1.26929	0.209854	0.832176	-1.20167	0.786060	0.962887	-1.03854	0.993678	0.885629	-1.12914													
cg25318211	MICAL1;MICAL1	0.20629	0.105278	0.680374	-1.46972	0.3557353	0.991162	-1.00873	0.9825155	0.975748	-1.02297	0.954665	0.972947	-1.02766	0.676254	1.031	1.031													
cg13363904	SLC5A12	0.20629	0.937527	0.979838	-1.02058	0.0252843	1.99593	1.99593	0.24426	1.37236	1.37236	0.613828	0.876153	-1.14135	0.41677	1.24066	1.24066													
cg23469706	URC33	0.20629	0.528837	0.897121	-1.11463	0.0864584	2.11192	2.11192	0.951747	1.10196	1.10196	0.734179	1.07747	1.07747	0.458184	1.1838	1.1838													
cg02352107	ETFA;ETFA;ETFA;ETFA	0.20634	0.565684	0.05633	1.05632	0.464337	0.952054	0.98289	-1.01741	0.960097	0.982898	-1.01412	0.960097	-1.04166	0.992906	-1.08341														
cg21214746	RBBP5	0.20634	0.0505639	0.52758	-1.89545	0.829208	1.06396	1.06396	0.264273	0.716092	-1.39647	0.40893	1.27429	1.27429	0.315288	0.742302	-1.34716													
cg16482226	OCN2T	0.20636	0.325842	0.70215	-1.42413	0.3033288	0.903328	-1.10702	0.2021738	0.627651	-1.59324	0.141807	0.705169	-1.41839	0.0602004	0.20327	-4.92142													
cg01590099	PC;PC;PC	0.20636	0.255376	0.450726	-2.21865	0.408398	0.76382	1.76382	0.353121	1.25572	1.25572	0.72893	1.26298	1.26298	0.352763	0.192929	-5.18326													
cg10378109	JAM3;AMIGO2	0.20636	0.27556	0.512033	-1.95133	0.0955675	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875	0.0963875			
cg17732061	ZDHHC8	0.20631	0.097268	1.66301	1.66301	0.0342321	1.9947	1.9947	0.877077	1.04421	1.04421	0.704051	1.11256	1.11256	0.749251	1.09377	1.09377													
cg04793118	GOT2	0.20632	0.0658253	0.476162	-2.10013	0.214815	0.625383	-1.59002	0.127104	0.55261	-1.80959	0.107379	0.531686	-1.88081	0.02768	0.392303	-2.54905													
cg12519014	EXTL3	0.20632	0.748342	1.23776	1.23776	0.5937252	1.10627	1.10627	0.470215	1.21228	1.21228	0.25638	1.18111	1.18111	0.353482	0.845911	-1.18217													
cg27181079	MAGOHB	0.20633	0.423468	0.842816	-1.1865	0.23592	0.771199	-1.29668	0.0391099	0.606872	-1.6478	0.547129	1.13592	1.13592	0.170115	0.736659	-1.35748													
cg15721145	BIRC7;BIRC7	0.20633	0.498342	2.0771	2.0771	0.0705004	0.994722	-1.00515	0.9870209	0.508376	-1.96319	0.0720977	0.525072	-1.90453	0.0415594	0.545349	-1.83391													
cg23651707	STK32C	0.20633	0.991848	1.00166	1.00166	0.0401739	0.680524	-1.46946	0.678313	1.07005	1.07005	0.471497	1.12626	1.12626	0.59375	0.916314	1.09133													
cg07787632	MYLK4	0.20636	0.416127	0.768375	-1.30145	0.445918	1.27931	1.27931	0.630824	0.857698	-1.16591	0.162875	0.623605	-1.60358	0.566782	0.832308	-1.20148													
cg20349055	PPYR1	0.20633	0.498342	2.0771	2.0771	0.0705004	0.994722	-1.00515	0.9870209	0.508376	-1.96319

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5 vs. N)	Fold-Change(563 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg21861305	CD2		0.2064412		0.981082		0.092739		0.503585		0.503585		0.2064412		0.2064412		0.2064412		0.2064412		0.17396		0.17396	
cg05789909	SEC11A		0.2064516		0.906301		0.02639		0.063127		1.58777		1.58777		0.454808		0.845021		1.1834		0.850938		0.104249		0.114129	
cg17495719	FREM2		0.2064516		0.924801		1.02451		1.02451		0.59379		1.14825		1.14825		0.699251		0.905121		1.10483		0.61618		0.878287	
cg09341020	LOC284009;MET1T0D		0.2064516		0.820457		1.08947		1.08947		0.0310408		0.385057		-2.59062		-2.77742		1.11275		1.11275		0.316742		1.47723	
cg00480914	PYP2R5B;PPP2R5B		0.2064525		0.0481002		1.53415		1.53415		0.830192		1.04153		1.04153		0.72641		0.934364		-1.07025		0.788987		1.05211	
cg14630403	SGIP1		0.2064528		0.145609		0.647823		-1.54363		0.0728663		0.573537		-1.74357		0.736421		0.900405		-1.09841		0.125567		0.600803	
cg02080197	SPTBN1;SPTBN1		0.2064543		0.179101		0.484809		-2.06267		0.368986		0.626215		-1.5969		0.455131		0.679829		-1.47096		0.303534		0.582399	
cg26122745	RTP1		0.2064545		0.125641		0.500202		-1.99879		0.309478		0.570703		0.1223		0.880184		1.06506		0.06506		0.524444		1.30935	
cg14180663	WNT2B;WNT2B;WNT2B		0.2064634		0.875875		1.27426		1.21926		0.29642		0.9473		1.3473		0.976853		0.561803		0.95966		0.39083		0.586612	
cg05783139	BOLL;BOLL		0.2064637		0.107993		0.21744		0.21744		0.522641		0.21748		0.21748		0.287171		0.37096		0.37096		0.126317		0.28941	
cg12830554	PHF3		0.2064638		0.504944		0.75629		0.503478		0.126354		0.126376		0.815048		0.188131		0.631948		0.188131		0.631948		0.063	
cg26087678	RORA;RORA;RORA;RORA		0.2064649		0.906197		0.982589		-1.01772		0.356625		0.15174		1.15174		0.571412		0.08896		1.08896		0.621859		0.07688	
cg20230569	DIP2C		0.2064654		0.437779		1.79516		1.79516		0.0349552		0.19039		0.19039		0.0222609		7.64568		7.64568		0.445532		1.78077	
cg25226711	TOLLIP		0.2064655		0.111386		0.315015		-3.17446		0.0434402		0.69742		-1.64742		0.168229		1.5457		1.53477		0.538477		0.512373	
cg27038348	RBP3		0.2064658		0.35249		0.667037		-1.49917		0.273034		0.607163		-1.62058		0.0320064		0.345439		-2.89487		0.434101		0.713353	
cg18327772	HMGB4;CSMD2;HMGB4		0.2064664		0.435505		0.700104		-1.29813		0.0305451		0.198655		0.954294		0.105899		0.603344		1.18756		0.183756		0.544502	
cg07249930	TRPC2		0.2064666		0.024388		0.452888		-2.20805		0.420978		1.27477		1.27477		0.492603		0.814006		-1.22849		0.377608		1.30648	
cg17615061	BAT3;BAT3;BAT3;BAT3;BAT3;BAT3;BAT3;BAT3		0.2064668		0.0657839		0.429884		-2.32621		0.612392		0.811417		-1.23241		0.405885		1.41583		1.34165		0.896884		1.49881	
cg05537792	ANKRD11		0.2064671		0.0722186		0.56354		0.56354		0.0747484		4.97635		4.97635		0.0396163		6.84691		6.84691		0.184092		3.124	
cg00078085	OXTR		0.2064679		0.881569		1.13837		1.13837		0.170726		0.968083		-1.24241		0.0301539		0.14708		0.14708		0.913408		0.964332	
cg15490785	IQSEC1		0.2064681		0.112356		0.351171		-2.98355		0.0502059		0.24371		-4.10324		0.121345		0.347781		-2.87537		0.389865		0.572811	
cg16553986	MORN1		0.2064686		0.515303		0.783636		1.27636		0.336502		0.94961		0.94961		0.331429		0.24805		-1.24805		0.691478		0.70496	
cg17672798	ADARB2		0.2064687		0.776517		0.925074		-1.08099		0.0456509		1.87218		1.87218		0.512303		0.833715		-1.19945		0.659856		0.885855	
cg21147829	LUH		0.2064688		0.0644058		0.158004		-6.29706		0.197661		0.299675		-3.33695		0.260872		0.353985		-2.82948		0.491657		0.540304	
cg10972127	SOBP		0.2064691		0.34033		0.709304		-1.40935		0.0307241		0.136427		-7.33443		0.0885545		0.24805		-4.03155		0.0309425		0.174397	
cg21684654	PCDLCE		0.2064695		0.664878		0.823788		-1.2139		0.0800162		2.37234		2.37234		0.342972		1.54421		1.54421		0.589097		0.784635	
cg10650299	CPXCR1;CPSF4		0.2064702		0.123729		0.31861		-3.13874		0.0383328		0.254643		-4.05609		0.0905366		0.278546		-3.55003		0.0472391		0.241723	
cg25835936	FRMD4B		0.2064707		0.295263		0.39992		2.39992		0.785459		0.145564		1.24564		0.958951		0.04239		1.04239		0.196435		0.577204	
cg03116355	ARHGEF1;ARHGEF1;ARHGEF1		0.2064709		0.226765		0.705148		-1.41814		0.785972		1.0778		1.0778		0.743262		0.913497		-1.09469		0.341277		1.30989	
cg18963763	GOLGA7B		0.2064711		0.0815609		1.13837		1.13837		0.170726		0.968083		-1.24241		0.0301539		0.14708		0.14473		0.701127		0.965105	
cg04471409	RPS6KA2;RPS6KA2		0.2064715		0.493851		1.22899		1.22899		0.688095		0.887136		-1.12722		0.0571444		1.89394		1.89394		0.312205		1.60293	
cg00008932	RPS4X		0.2064748		0.236344		0.4023		2.4023		0.377239		0.484189		-2.06496		0.0405533		0.241803		-4.13402		0.0400466		0.227402	
cg02690571	OR10H2;OR10H2		0.2064754		0.350509		1.35829		1.35829		0.280484		1.42975		1.42975		0.39684		0.758442		-1.31849		0.975274		1.00993	
cg14159971	TRAF3IP1;TRAF3IP1		0.2064755		0.184296		0.63322		2.63322		0.734975		0.794285		-1.25899		0.122606		1.1946		1.1946		0.40063		0.557776	
cg20053158	ASCL1		0.2064763		0.204043		0.49753		2.01054		0.0324251		0.19372		5.17252		0.0125424		0.25362		3.94274		0.0254562		0.20574	
cg08932052	PCGF2		0.2064767		0.321211		1.17577		1.17577		0.0848313		1.35136		1.35136		0.34866		1.16468		1.16468		0.159088		1.26843	
cg20159403	GPR153		0.2064768		0.910656		1.07004		1.07004		0.15061		1.52861		1.52861		0.405609		0.0905366		0.278546		0.503555		0.37937	
cg18277682	C1orf69		0.2064769		0.206534		0.281815		1.67558		7		?		0.0183767		0.374446		0.374446		0.999114		0.999488		0.100051	
cg15244290	GUCA1A		0.2064771		0.206535		0.344433		0.687537		-1.45447		0.606857		1.12101		1.12101		0.02915		0.371961		-2.68845		0.82122	
cg00187129	TK2		0.2064773		0.206537		0.547513		0.762961		-1.31068		0.0993175		0.230818		-4.33241		0.474808		0.723826		-1.38155		0.852379	
cg02088422	RAPGEF6;RAPGEF6;RAPGEF6		0.2064774		0.206539		?		?		0.645027		0.787869		-1.26925		0.0882671		0.375069		-2.66617		0.814859		0.886506	
cg14970340	PHF6;PPP1BP1		0.2064775		0.206541		0.190523		0.873378		-1.44799		0.0815731		0.925732		-1.45456		0.0108088		0.601139		0.954031		0.0108088	
cg16800392	FYN;FYN;FYN		0.2064776		0.206542		0.639136		0.726239		-1.37625		0.0729175		-1.37141		0.122202		0.480332		0.08189		0.40723		0.689961	
cg03031726	PBX4		0.2064777		0.206546		0.0558487		0.0957069		-10.4486		0.720799		0.677934		-1.47507		0.162792		0.199075		-5.02322		0.552472	
cg14660474	PHF6;PHF6;PHF6		0.2064778		0.206547		0.0368848		0.0770744		-12.9845		0.894287		-1.11821		-2.62414		0.532491		-1.87797		0.285185		1.83591	
cg23106370	TAF6;TAF6;TAF6;CNPY4		0.2064781		0.206551		0.907343		-1.10496		0.158426		0.793433		-1.26035		0.784005		0.105063		0.52091		0.904963		-1.10502	
cg21407096	C20orf20		0.2064782		0.206553		0.271525		1.45307		0.14537		0.373773		1.34413		0.339449		1.37908		1.37908		0.113133		0.75207	
cg13151074	YPEL5;YPEL5;YPEL5		0.2064783		0.206557		0.962578		1.03871		-1.03871		0.154354		1.32345		1.32345		0.140504		1.11787		1.11787		0.503598	
cg20455092	GHR		0.2064784		0.206563		0.718523		1.19852		0.0195953		0.10009		4.10009		0.082094		2.03776		2.03776		0.166275		0.477831	
cg00172211	WFDC1		0.2064785		0.206564		0.259475		1.92643		0.0225431		0.119372		8.37408		0.0185872		0.19259		5.19259		0.0148615		0.162254	
cg07896667	WNT5B		0.2064787		0.206565		0.663917		0.886317		-1.1282		0.322238		1.53234		-1.76344		0.750007		1.33615		0.0602291		0.754504	
cg21077578	CYP2W1		0.2064788		0.206568		0.73999		1.27186		1.27186		0.814671		0.844274		-1.18445		0.85742		1.13836		1.13836		0.562403	
cg01959355	FAM185A;FAM185A;FAM185A		0.2064789		0.206569		0.341362		1.10788		1.10788		0.159249		0.854542		-1.17022		0.126019		0.18884		1.1884		0.0355438	
cg22741595	C1orf67;RSF1		0.2064790		0.206572		0.0350145		0.0666063		-15.0136		0.978934		0.973116		-1.02758		0.416696		0.410489		-2.43612		0.833432	
cg15090545	GTF9HP;GTF9HP		0.2064791		0.206573		0.0775381		0.152383		0.0314656		1.52366		2.70564		0.23128		0.23128		0.0456469		0.897737		1.15329	
cg07166291	KCNIP3		0.2064792		0.206576		0.0651082		0.224275		-4.45882		0.274347		0.439992		-2.27277		0.728469		1.28604		1.28604		0.722465	
cg09509136	GLT25D1		0.2064793		0.206577		0.583793		1.14192		0.142741		0.341411		2.34411		0.339449		0.20778		0.20778		0.0902285		0.479783	
cg24150528	ZNF131		0.2064794		0.206579		0.977191		0.988305		-1.01183		0.0410257		0.379002		-2.63851		0.300117		0.64286		-1.55555		0.723188	
cg08832709	AKAP9;AKAP9		0.2064795		0.206580		0.463768		1.10525		1.10525		0.335073		0.87512		-1.1427		0.0896096		0.128539		1.28539		0.785147	
cg10589034	TLL2		0.2064796		0.206581		0.0627075		0.124263		-4.04821		0.0580029		-2.16509		0.0190404		0.163397		0.535734		0.0864643		0.0449858	
cg17125742	MAP3K7IP3;MAP3K7IP3		0.2064797		0.206585		0.284837		0.512742		-1.9503		0.0201654		0.185469		-5.39174		0.701068		0.793007		-1.26102		0.166341	
cg16632607	MMP17		0.2064798		0.206586		0.0344646		0.0779159		-12.8095		0.875563		0.872504		0.0570743		0.10543		9.48228		0.0570743		0.0374	
cg26031676	FBLN2;FBLN2;FBLN2		0.2064799		0.206587		0.380473		0.640002		-1.65562		0.0828583		0.193592		2.93392		0.211679		0.29046		2.09046		0.782488	
cg07289618	STON1-GTF2A1L		0.2064800		0.206588		0.156596		0.543288		-1.84064		0.0172657		0.311024		-3.21519		0.252819		0.618213		-1.61757		0.534977	
cg16492955	UBR1		0.2064801		0.206589		0.146004		0.22216		-4.50174		0.0917494		0.2354		-4.25435		0.0362225		0.14576		0.156236		0.129548	
cg25402417	CHST8;CHST8;CHST8		0.2064802		0.206594		0.921043		0.951362		-1.05112		0.0235526		0.189623		3.89623		0.080194		0.25693		2.65597		0.810065	
cg17948186	ACCN2;ACCN2		0.2064803		0.206595		0.0790318		0.0940314		0.15084		0.15084		0.157887		0.822334		1.12457		0.402134		1.12457		0.402134	
cg24869056	HPS1;HPS1 SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1		0.2064804		0.206598		0.621755		0.705285		-1.41787		0.119837		0.27015		3.27015		0.0677689		4.20603		0.20603		0.349028	
cg07826642	C29A1		0.2064805		0.206591		0.14951		0.408447		-2.4483		0.951853		1.03561		1.03561		0.97414		0.981394		-1.01896		0.890887	
cg02446871	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41		0.2064806		0.206592		0.0115418		0.449109		-2.22663		0.0896624		0.622423		-1.60662		0.226023		0.724582		-1.38011		0.571822	
cg03059285	EN1		0.2064807		0.206597		0.639136		0.724329		-1.38059		0.305558		2.06364		2.06364		0.58689		1.45447		1.45447		0.113625	
cg16111488	FLAD1;FLAD1		0.2064808		0.206597		0.0899383		0.217953		-4.58893		0.117353		0.310181		3.22192		0.0822302		0.24307		4.05095		0.242307	
cg19155599	PTGS2		0.2064809		0.206599		0.202892		0.673402		-1.485		0.276509		0.10576		9.45463		0.0999383		0.0999994		0.100001		0.157519	
cg11110643	P2RY2;P2RY2;P2RY2		0.2064810		0.206599		0.143133		0.344568		-2.90219		0.202812		0.248519		0.644094		0.730077		-1.36972		0.578646		1.46207	
cg17598334	RASGRP3;RASGRP3		0.2064811		0.206600		0.167364		0.373744		-2.67503		0.0882019		0.316316		3.16316		0.0264948		0.0264948		0.0264948		0.0264948	
cg12442020	RYR2		0.2064812		0.206607		0.0802293		0.683754		-1.46251		0.277626		0.124753		0.145753		0.816798		0.955561		-1.04651		0.221186	
cg21005412	WDR43;SNORD53		0.2064813		0.206610		0.907118		1.05811		-1.05811		0.0165037		0.176373		5.67653		0.412673		0.0850459		0.0850459		0.0850459	
cg08244382	MIR127;MIR433;RTL1		0.2064814		0.206615		0.0267155		0.0640469		-15.6455		0.978489		0.978489		0.0442131		0.0442131		0.0442131		0.0442131		0.0442131	
cg19549898	PLEKHH1		0.2064817		0.206616		0.363486		1.72747		1.72747		0.217866		2.13561		2.13561		0.486272		1.513		1.513		0.418746	
cg23527902	CYB561;CYB561;CYB561		0.2064819		0.206617		0.907118		1.05811		-1.05811		0.0165037		0.176373		5.67653		0.412673		0.0850459		0.0850459		0.0850459	
cg07786675	SFN		0.2064820		0.206622		0.0479253		0.0479253		0.0479253		0.0479253		0.0479253		0.0479253		0.0479253		0.0479253		0.0479253		0.0479253	
cg23731089	GIF2C;GIF2C2		0.2064821		0.206623		0.287288		0.509204		-1.96362		0.0779504		0.182025		2.18025		0.122994		1.22994		0.329151		0.129955		0.0429
cg26538942	LOC100128675;HPN;HPN		0.2064822		0.206625		0.523774		0.70325		0.0576973		0.159332		-2.40424		0.238729		0.203885		-4.65595		0.145287		0.327686	
cg21197066	NUFIP1;KIAA1704		0.2064823		0.206626		0.0697626		0.19653		0.139653		0.0830387		0.105337		0.374362		0.105444		0.211487		0.241431		0.241431		0.0854579
cg08679134	MUC4;MUC4;MUC4		0.2064824		0.206627		0.0545313		0.0871407		0.151163		0.581872		0.931955		3.73443		0.19195		0.307193		0.0191195		0.0211556		0.0211556
cg21107223	MPI		0.2064825		0.206624		0.325183		0.740684		-1.3501		0.0533194		0.191287		0.191287		0.754481		0.099713		0.109713		0.102174		0.589473	
cg08171726	DUSP22		0.2064826		0.206628		0.0894093		0.151334		0.0241443		0.717787		0.716689		0.270564		0.182465		0.152847		0.157324		0.156723		0.376133	
cg21626462	CRABP1		0.2064832		0.206629		0.0533596		0.280656		-3.49582		0.587584		0.711781		-1.36653		0.679614		0.780128		-1.26722		0.256189	
cg16230316	PIK3CB		0.2064833		0.206633		0.182074		0.723907		-1.38139		0.312087		0.767773		-1.2694		0.440843		1.19639		1.19639		0.0244512	
cg11595082	AKS;AKS;AKS		0.2064834		0.206631		0.988973		1.02802		-1.02802		0.132909		0.132909		0.0139858		0.781449		-1.27984		0.311972		1.03557	
cg11211792	ISG15		0.2064836		0.206656		0.0389197		0.357353		-2.79836		0.076663		0.424037		-2.36087		0.0906897		0.0590882		0.0511665		0.0511665	
cg05982731	CDK2		0.2064837		0.206657		0.0875853		0.16893		0.0732473		0.0732473		0.0732473		0.0732473		0.0732473		0.0732473		0.0732473		0.0732473	
cg13478928	LHX8		0.2064838		0.206658		0.945688		1.03669		-1.03669		0.680546		1.23934		1.23934		0.278639		1.81454		1.81454		0.0514996	
cg14264496	LOC100133612		0.2064839		0.206659		0.838798		0.19474		0.19474		0.461636		0.195516		0.0320276		0.327515		-3.0513		0.218437		0.702732	
cg21514227	NOTCH3		0.2064841		0.206661		0.384031		0.734706		-1.36126		0.0274724		0.194127		0.195897		0.103692		0.124582		0.10741		0.176955		0.0334294
cg18638389	MIB1		0.2064855		0.206665		0.136686		0.309806		-3.22782		0.360017		0.198933		0.198933		0.788666		1.21696		1.21696		0.64935	
cg09705183	GAS5		0.2064856		0.206666		0.526316		0.923061		-1.08354		0.0840406		0.10223		0.10223		0.287632		0.883795		1.13227		0.883795	
cg01395533	MAGI1;MAGI1;MAGI1		0.2064865		0.206666		0.451591		0.22419		-4.46003		0.122475		0.122477		0.222977		0.885233		0.962624		-1.03883		0.411442	
cg25461163	TNPO1;TNPO1		0.2064866		0.206669		0.952639		0.99081		-1.00927		0.524287		1.1055		1.1055		0.0737715		1.36316		1.36316		0.942925	
cg19794054	TNC3		0.2064867		0.206669		0.0615199		0.173825		0.0509286		0.36807		0.145651		0.151417		0.164722		0.241381		0.252571		0.39535	
cg16463229	LCN10		0.2064869		0.206679		0.853032		1.08359		0.108359		0.243828		0.69535		0.695035		0.659059		1.21193		1.21193		0.0924411	
cg10627136	HINT1;HINT1;HINT1		0.2064868		0.206680		0.0994961		0.228203		-4.38425		0.134325		-2.19425		0.0382439		0.145573		0.230801		0.0402739		0.180208	
cg13661172	PTPRN2;PTPRN2;PTPRN2		0.2064870		0.206682		0.288212		0.504287		-1.983		0.372493		0.566379		-1.7656		0.229885		0.4574		-2.18627		0.297065	
cg02979711	HLA-H		0.2064871		0.206681		0.77401		1.19857		0.811775		0.860193		-1.16253		0.114735		0.294258		0.294258		0.94828		0.294258	
cg23339911	ERGIC1		0.2064873		0.206691		0.227153		0.570504		-1.45745		0.0229865		0.0880148		0.88048		1.04808		0.633999		1.16131		1.16131		0.781446	
cg15458977	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1		0.2064874		0.206695		0.63434		0.755993		-1.32276		0.0673663		0.30894		3.30894		0.167462		2.3608		2.3608		0.525543	
cg22504013	FCGR3B		0.2064875		0.206699		0.167565		0.830594		-1.20396		0.538471		0.924422		-1.08176		0.317667		0.18077		-1.1227		0.1151	
cg25159094	HSPD1		0.2064876		0.206701		0.644264		0.913904		-1.09379		0.0195174		0.115961		0.115961		0.136891		1.13683		0.926184		1.01432	
cg16168794	TAP2;TAP2		0.2064877		0.206702		0.258103		0.72731		-1.37493		0.0378252		0.52213		-1.91523		0.150848		0.660068		-1.515		0.169654	
cg13033853	FIBCD1;FIBCD1;FIBCD1		0.2064878		0.206711		0.200272		0.694128		-1.44066		0.319757		1.31977		1.31977		0.380973		1.26896		1.26896		0.593502	
cg23593032	METTL13;METTL13;METTL13		0.2064879		0.206714		0.453068		0.768894		-1.30057		0.360386		0.35886		2.35886		0.154272		1.31268		1.31268		0.511128	
cg06666175	COL12A1;COL12A1		0.2064880		0.206714		0.752784		1.36613		1.36613		0.0294138		12.5874		12.5874		0.568497		1.76666		1.76666		0.165341	
cg07623921	ZSWIM7;ZSWIM7;ZSWIM7;ITC19		0.2064881		0.206716		0.385331		1.29096		1.29096		0.735015		1.1065		1.1065		0.103084		0.307083		1.95697		1.95697		0.389895	
cg09126910	POU2AF1		0.2064882		0.206719		0.453068		0.768894		-1.30057		0.360386		0.35886		2.35886		0.154272		1.31268		1.31268		0.511128	
cg18659483	CHADL		0.2064883		0.206720		0.22681		0.22366		-4.47107		0.299085		0.5177		0.5177		0.539531		2.00668		2.00668		0.486369	
cg21545232	TMCC2		0.2064884		0.206727		0.0362727		0.0892923		0.0303183		0.0744863		0.0744863		0.0744863		0.0744863		0.0744863		0.0744863		0.0744863	
cg09389569	MEF2D		0.2064885		0.206727		0.184078		0.424223		-1.21326		0.873635		0.927676		-1.07796		0.823979		1.03103		1.03103		0.421008	
cg23106290	UBL3		0.2064886		0.206728		0.895306		0.973711		-1.02911		0.263919		0.717432		1.17432		0.415582		0.883468		-1.19984		0.0344569	
cg23290556	SFTPD		0.2064887		0.206729		0.113148		0.280764		-4.22412		0.554949		0.606656		-1.64838		0.338992		0.648847		-2.2787		0.280657	
cg01874730	CXCL1;CXCL1		0.2064888		0.206731		0.386014		1.36511		1.36511		0.0645432		0.209031		0.0355757		0.235572		0.24172		0.24172		0.15404	
cg06574606	PITPNM1;PITPNM1		0.2064889		0.206736		0.718161		1.38763		1.38763		0.379035		0.479362		-1.26014		0.0316		0.31114		0.139646		0.663528		0.0316
cg18490897	MEF2C;MEF2C		0.2064890		0.206741		0.045211		0.10735		0.10735		0.196234		0.045211		0.045211		0.045211		0.045211		0.045211		0.045211	
cg24441127	MR1		0.2064891		0.206742		0.0308882		0.272189		-3.6799		0.789221		0.871894		1.14693		0.733886		1.1899		1.1899		0.345177	
cg07019243	SLC39A7;RXRB;SLC39A7		0.2064892		0.206744		0.0157884		0.158001		-3.76056		0.066891		0.1097		1.00797		0.234011		1.26949		1.26949		0.146482	
cg14799809	HLA-DQA1		0.2064893		0.206744		?		?		0.431909		0.312045		-3.20466		0.24426		0.170549		-5.86343		0.0124155		0.0109108	
cg26133136	ALDH1A3		0.2064894		0.206745		0.253011		0.502999		-1.98808		0.397403		-2.51629		0.213283		0.134754		0.53307		1.88803		0.747453		0.0187
cg09825309	NCOR2;NCOR2		0.2064895		0.206751		0.0923273		0.286432		-3.49123		0.957082		0.963361		-1.03699		0.369366		1.86142		1.86142		0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg02709924	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;NRG1	0.20679	0.0497812	0.344264	-2.90475	0.0490278	0.342714	-2.91788	0.213677	0.535826	-1.86628	0.541476	0.744877	-1.3425	0.0386665	0.319458	-3.1303
cg26809488	BANP;BANP	0.206792	0.57959	1.5436	1.5436	0.136447	3.4719	3.4719	0.195778	2.89031	2.89031	0.906407	1.09554	1.09554	0.0181843	0.108103	-9.25042
cg09624807	NLRC5	0.206794	0.67743	1.20109	1.20109	0.0667016	2.46086	2.46086	0.159037	1.9334	1.9334	0.461661	1.38851	1.38851	0.977555	1.0124	1.0124
cg05142445	TTLL5	0.206795	0.0821398	0.360855	-2.7712	0.0872656	0.368173	-2.71612	0.167833	0.459347	-2.177	0.708975	0.820027	-1.21947	0.0138645	0.200048	-4.99879
cg01476807	FBXO30	0.206796	0.424892	1.56172	1.56172	0.0246237	0.231286	-4.32366	0.859652	0.90772	-1.10166	0.624995	1.30928	1.30928	0.740196	0.833568	-1.19966
cg22910449	SYT9	0.206798	0.350488	1.47705	1.47705	0.0532257	0.410073	-2.43859	0.538812	0.7768	-1.28733	0.786261	0.895546	-1.11664	0.0849456	0.461541	-2.16665
cg00697642	PHYHIP;PHYHIP	0.206799	0.992318	1.00137	1.00137	0.41634	0.88891	-1.12497	0.323386	0.865377	-1.15557	0.985977	1.00249	1.00249	0.921237	0.986078	-1.01412
cg21334510	SLC12A7	0.206801	0.138672	0.525126	-1.9043	0.6401	1.2096	1.2096	0.0788078	0.454422	-2.2006	0.251693	0.616382	-1.62237	0.22976	0.600975	-1.66396
cg26995224	KDM2B;KDM2B	0.206803	0.454096	0.708885	-1.41067	0.60043	0.787841	-1.26929	0.0868691	2.34706	2.34706	0.384449	1.49534	1.49534	0.181017	0.526883	-1.89795
cg26984682	ZNF423	0.206803	0.703257	0.901826	-1.10886	0.278428	1.35566	1.35566	0.231114	0.712376	-1.40375	0.497736	1.20426	1.20426	0.0584304	0.561396	-1.78127
cg07811750	CAMTA2;CAMTA2;CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.206804	0.202053	2.17674	2.17674	0.965003	0.975188	-1.02544	0.44838	0.641653	-1.55848	0.0593733	3.46311	3.46311	?	?	?
cg10228777	KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.206809	0.145184	1.55594	1.55594	0.456469	0.807091	-1.23902	0.794893	1.0764	1.0764	0.700908	1.11523	1.11523	0.898796	0.964682	-1.03661
cg23176889	GRK6;GRK6;GRK6	0.206809	0.323317	0.572559	-1.74655	0.487254	0.679894	-1.47082	0.179759	0.458937	-2.17895	0.265915	0.530625	-1.88457	0.0466908	0.287938	-3.47297
cg18674961	PPP1R16B	0.206809	0.0265052	0.128348	-7.79133	0.773735	1.25232	1.25232	0.12036	3.72496	3.72496	0.291394	2.35029	2.35029	0.28751	2.36783	2.36783
cg21962610	ZNF358	0.206811	0.886973	0.972851	-1.02791	0.683114	0.92364	-1.08267	0.149148	1.34903	1.34903	0.188353	1.30965	1.30965	0.385031	0.841674	-1.18811
cg22601553	SCRIB;SCRIB	0.206813	0.162312	0.755627	-1.3234	0.627279	1.09626	1.09626	0.513895	1.1324	1.1324	0.855893	1.03473	1.03473	0.0532449	0.662018	-1.51053
cg03237948	SF3B2	0.206815	0.908963	1.03376	1.03376	0.550721	1.19155	1.19155	0.697296	1.12016	1.12016	0.63259	1.15008	1.15008	0.0800884	0.569094	-1.75718
cg03336504	HMGN1;HMGN1	0.206817	0.470234	1.15669	1.15669	0.142348	0.731612	-1.36684	0.06603	0.664562	-1.50475	0.463244	0.86248	-1.15945	0.907571	1.02328	1.02328
cg05237436	SIL1;SIL1	0.206818	0.243949	0.526526	-1.89924	0.0943492	2.63177	2.63177	0.140179	2.305	2.305	0.271684	0.547668	-1.82592	0.464328	0.675785	-1.47976
cg13340272	GUCY2E	0.206828	0.399726	1.18743	1.18743	0.0980257	0.696506	-1.43574	0.642434	0.911031	-1.09766	0.0873208	0.686484	-1.4567	0.282539	0.80049	-1.24923
cg14783259	GOLGA6L6	0.20683	0.0557461	0.246136	-4.0628	0.0361303	0.206777	-4.83614	0.394556	0.568932	-1.75768	0.637023	0.735347	-1.3599	0.35707	1.84523	1.84523
cg04804618	EBF3	0.20683	0.392	1.20225	1.20225	0.262851	1.27787	1.27787	0.734775	0.93107	-1.07403	0.48426	1.16102	1.16102	0.594236	1.11956	1.11956
cg27627799	MSRA;MSRA;MSRA	0.206836	0.863429	0.879752	-1.13668	0.0220303	7.719	7.719	0.0229805	7.56784	7.56784	0.845773	0.865095	-1.15594	0.853597	0.871569	-1.14736
cg25399818	ARRB2;ARRB2	0.206838	0.734819	0.842028	-1.18761	0.123423	0.430003	-2.32556	0.330923	0.602083	-1.6609	0.707185	0.826258	-1.21028	0.027423	0.267283	-3.74135
ch.20.940469R	STK4	0.20684	0.158364	0.390577	-2.56032	0.0194981	0.171999	-5.81398	0.963838	1.02867	1.02867	0.0800536	0.297962	-3.35613	0.272744	0.49082	-2.03741
cg15401405	KIFC1	0.206844	0.767187	1.13135	1.13135	0.409693	1.41973	1.41973	0.128131	1.98119	1.98119	0.499185	0.751903	-1.32996	0.640148	1.21618	1.21618
cg11748880	COPS2;COPS2	0.206861	0.406728	0.673807	-1.4841	0.747555	0.860516	-1.16209	0.706194	1.19264	1.19264	0.165793	1.98878	1.98878	0.434455	0.690061	-1.44915
cg23380197	LRP3	0.206862	0.0148342	0.329901	-3.03121	0.780985	0.902016	-1.10863	0.753603	0.890027	-1.12356	0.201115	0.60682	-1.64794	0.543812	0.796654	-1.25525
cg00890148	GSS	0.206862	?	?	?	0.977443	0.981068	-1.0193	0.929232	1.06189	1.06189	?	?	?	0.175634	2.67201	2.67201
cg02952828	OSR2;OSR2	0.206863	0.0943958	1.8327	1.8327	0.384546	1.34143	1.34143	0.662521	1.15568	1.15568	0.378392	1.34684	1.34684	0.958971	0.983193	-1.01709
cg21196265	DDX47;DDX47	0.206864	0.112352	2.3038	2.3038	0.0351219	3.27076	3.27076	0.131943	2.19245	2.19245	0.16226	2.05518	2.05518	0.797709	0.883377	-1.13202
cg22142012	CCT8	0.206864	0.778294	1.05363	1.05363	0.434021	0.862655	-1.15921	0.383308	1.17993	1.17993	0.824943	0.959829	-1.04185	0.0225419	1.65799	1.65799
cg23179379	ZNF559	0.206865	0.844609	1.03552	1.03552	0.963044	0.991792	-1.00828	0.373796	0.850105	-1.17633	0.180405	0.776454	-1.28791	0.549494	0.897877	-1.11374
cg13932339	UBE3A	0.206865	0.233267	0.826889	-1.20935	0.183578	0.806876	-1.23935	0.810966	0.964213	-1.03712	0.325311	1.16704	1.16704	0.991844	1.00156	1.00156
cg17287605	PTPRN2;PTPRN2;PTPRN2	0.206873	0.110718	0.600759	-1.66456	0.93586	1.02388	1.02388	0.0736312	0.55725	-1.79453	0.37214	0.764403	-1.30821	0.037727	0.493307	-2.02713
cg10646950	HSFY1;TTTY9B;HSFY2;HSFY2;TTTY9A;HSFY1	0.206876	0.954096	0.95166	-1.0508	0.619598	1.53838	1.53838	0.880066	0.878134	-1.13878	0.0774628	0.184653	-5.41555	0.072067	0.177627	-5.62979
cg09517075	PIWIL2;PIWIL2	0.206887	0.398258	1.89121	1.89121	0.304308	2.18978	2.18978	0.350722	2.02922	2.02922	0.374301	1.95792	1.95792	0.775226	0.809832	-1.23482
cg09068158	FAM159A	0.206892	0.0737061	4.35353	4.35353	0.233448	2.51364	2.51364	0.545498	1.57052	1.57052	0.685663	1.35016	1.35016	0.254413	0.415596	-2.40618
cg00521993	PPP3CB;PPP3CB;PPP3CB	0.206892	0.172766	0.409777	-2.44035	0.252209	0.479299	-2.08638	0.491469	0.650735	-1.53672	0.870555	0.904588	-1.10548	0.779841	1.18804	1.18804
cg21942701	PRAMEF4	0.206895	0.397888	0.686862	-1.4559	0.141139	0.503194	-1.9873	0.049613	0.37833	-2.6432	0.1574	0.518874	-1.92725	0.0560692	0.39101	-2.55748
cg09099312	13-Sep	0.206896	0.0499375	0.706739	-1.41495	0.332291	0.856185	-1.16797	0.630058	1.07825	1.07825	0.435111	0.883715	-1.13159	0.0485727	1.41873	1.41873
cg15716129	CMTM6;CMTM6	0.2069	0.783391	0.846559	-1.18125	?	?	?	?	?	?	0.919418	1.06303	1.06303	0.184553	0.419614	-2.38314
cg10196861	SCNN1G	0.206914	0.555158	1.11321	1.11321	0.88841	1.02555	1.02555	0.74558	0.943173	-1.06025	0.653031	0.9219	-1.08472	0.816181	0.959019	-1.04273
cg08364677	SPC24	0.206914	0.0492921	0.705437	-1.41756	0.66784	0.935074	-1.06943	0.931887	1.01338	1.01338	0.632882	1.07771	1.07771	0.439131	1.13055	1.13055
cg26079992	CDK5RAP1;CDK5RAP1	0.206915	0.34043	0.911274	-1.09736	0.130628	0.856946	-1.16693	0.0884979	1.19449	1.19449	0.96337	0.995666	-1.00435	0.343525	0.911848	-1.09667
cg06430465	LMF1	0.206916	0.356016	0.378695	-2.64065	0.205839	0.255385	-3.91565	0.0509613	0.102907	-9.71756	0.564715	0.551331	-1.81379	0.149833	0.206147	-4.85091
cg17383811	PPT2;PPT2	0.206916	0.310516	0.479035	-2.08753	0.601922	0.691332	-1.44648	0.980054	1.01769	1.01769	0.162775	0.351671	-2.84357	0.0190954	0.136757	-7.31221
cg22624926	PSMA6	0.206917	0.908933	1.01597	1.01597	0.157949	0.81135	-1.23251	0.103563	1.27957	1.27957	0.819418	0.96883	-1.03217	0.0842124	1.30284	1.30284
cg14058432	PELI2	0.206918	0.313915	0.798111	-1.25296	0.505834	1.1574	1.1574	0.247428	1.29932	1.29932	0.698354	0.919135	-1.08798	0.0512965	0.618473	-1.61689
cg13135609	FER1L6	0.206921	0.81509	0.920211	-1.08671	0.0457435	0.443557	-2.2545	0.724359	0.881905	-1.13391	0.783907	0.907038	-1.10249	0.137393	1.76456	1.76456
cg16014000	PCDHA7;PCDHAC1;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHAC1;PCDHA8;PCDHA6;PCDHA1;PCDHA	0.206922	0.0178949	0.58102	-1.72111	0.155611	0.75076	-1.33198	0.454249	1.15468	1.15468	0.323637	0.825028	-1.21208	0.334358	0.828735	-1.20666
cg16652739	PRDM2;PRDM2	0.206924	0.965485	1.02283	1.02283	0.0575651	0.326189	-3.0657	0.120308	0.41519	-2.40854	0.804823	1.13787	1.13787	0.621789	1.29614	1.29614
cg07493465	UST	0.206926	0.0510755	0.623632	-1.60351	0.675435	0.914395	-1.09362	0.66529	0.911646	-1.09692	0.150344	1.38771	1.38771	0.920419	1.02146	1.02146
cg08542308	PIGW	0.206934	0.265771	1.37489	1.37489	0.21591	0.699385	-1.42983	0.0596555	0.557937	-1.79232	0.835183	1.05887	1.05887	0.92132	0.973241	-1.02749
cg15854001	REEP1;REEP1;REEP1;REEP1	0.206935	0.337554	0.628918	-1.59003	0.615446	1.26816	1.26816	0.606488	1.27598	1.27598	0.698625	0.833188	-1.20021	0.105115	0.435775	-2.29476
cg01797527	BMP2;BMP2	0.206935	0.169221	0.727909	-1.3738	0.843651	0.958085	-1.04375	0.968171	1.00869	1.00869	0.774591	1.06424	1.06424	0.452855	1.18037	1.18037
cg20345915	RGS10;RGS10;RGS10	0.206938	0.294175	0.676715	-1.47773	0.354395	0.710382	-1.40769	0.0257646	0.386595	-2.58669	0.333925	0.699295	-1.43001	0.0785122	0.495898	-2.01655
cg07316676	IGHMBP2;MRPL21;MRPL21	0.206939	0.051812	0.687374	-1.45481	0.273905	1.21272	1.21272	0.121592	1.32884	1.32884	0.9809	0.995953	-1.00406	0.862889	0.971143	-1.02971
cg05486188	KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.206947	0.916434	1.13808	1.13808	0.715917	1.56895	1.56895	0.0643782	12.9467	12.9467	0.015279	39.2712	39.2712	0.23354	4.66088	4.66088
cg14774273	SARS2;SARS2	0.206949	0.103299	0.690315	-1.44861	0.0257238	0.576394	-1.73492	0.591906	0.89355	-1.11913	0.674591	1.0918	1.0918	0.347831	0.817876	-1.22268
cg23576999	TUBA3C	0.20695	0.417963	0.495893	-2.01656	0.160364	0.280574	-3.56412	0.115456	0.234529	-4.26387	0.789035	1.25515	1.25515	0.121341	0.24091	-4.15093
cg21083467	RIPK1	0.206952	0.089459	0.294403	-3.39671	0.146382	0.361265	-2.76805	0.549321	0.673237	-1.48536	0.926985	1.06168	1.06168	0.173281	0.388191	-2.57605
cg20003138	UTP20	0.206959	0.773423	0.922961	-1.08347	0.0889448	1.68375	1.68375	0.167573	1.50459	1.50459	0.688169	0.894004	-1.11856	0.800484	1.07286	1.07286
cg03854952	NEO1	0.206965	0.206155	0.619427	-1.6144	0.705377	0.872474	-1.14617	0.0860682	0.505988	-1.97633	0.183692	0.602541	-1.65964	0.3669	0.716824	-1.39504
cg00555094	NANP	0.206965	0.635926	0.859609	-1.16332	0.238689	0.676061	-1.47916	0.204938	0.654236	-1.5285	0.698709	0.883924	-1.13132	0.0837399	0.54491	-1.83517
cg17852997	CRYL1	0.206968	0.216768	0.816154	-1.22526	0.988304	1.00229	1.00229	0.459123	0.888854	-1.12504	0.164592	0.793131	-1.26083	0.0911013	1.33763	1.33763
cg15749858	MACC1;MACC1	0.206969	0.42204	1.36946	1.36946	0.448378	1.34473	1.34473	0.225182	0.613638	-1.62962	0.142216	0.546157	-1.83097	0.0194421	0.338544	-2.95383
cg10767168	SNRPB2;SNRPB2	0.206969	0.136079	0.519828	-1.92371	0.889342	1.05835	1.05835	0.611379	0.811618	-1.23211	0.0886902	0.465364	-2.14886	0.569161	1.26411	1.26411
cg00886954	PLEC1;PLEC1	0.206981	0.331345	1.35968	1.35968	0.581827	0.843233	-1.18591	0.27259	1.41916	1.41916	0.0175931	2.42424	2.42424	0.238703	1.45979	1.45979
cg00573880	C1orf113;C1orf113;C1orf113	0.206984	0.159627	0.622286	-1.60698	0.4921	0.802327	-1.24637	0.817617	1.07564	1.07564	0.0423532	0.478049	-2.09184	0.143378	0.608743	-1.64273
cg09834822	ACSF3;ACSF3;ACSF3	0.206986	0.293136	0.772663	-1.29423	0.97329	1.00795	1.00795	0.420663	0.823195	-1.21478	0.396736	0.814457	-1.22781	0.0875617	0.640177	-1.56207
cg03072665	BOK	0.206998	0.457848	1.4076	1.4076	0.135216	2.07138	2.07138	0.320905	1.59009	1.59009	0.883145	1.06877	1.06877	0.0871708	2.34936	2.34936
cg02898499	SPSB3;NUBP2	0.207003	0.0849586	0.251508	-3.97601	0.833899	0.858848	-1.16435	0.997619	1.00216	1.00216	0.345088	0.494281	-2.02314	0.0720756	0.233454	-4.28351
cg26848593	FASTKD5;UBOX5;UBOX5	0.207005	0.69425	0.94107	-1.06262	0.155433	0.791598	-1.26327	0.125058	1.2908	1.2908	0.332156	1.16627	1.16627	0.296703	1.18097	1.18097
cg00006414	ZNF425;ZNF398	0.20701	0.721967	1.07719	1.07719	0.255734	0.781202	-1.28008	0.0830074	1.49102	1.49102	0.0199548	1.79419	1.79419	0.732906	1.07389	1.07389
cg11454719	PAX3;PAX3;PAX3;PAX3;PAX3;PAX3	0.207013	0.439768	0.839134	-1.1917	0.475304	1.17537	1.17537	0.279311	0.778521	-1.28449	0.6142	1.11979	1.11979	0.108435	0.677209	-1.47665
cg13811867	AKAP6	0.207015	0.244792	0.450692	-2.21881	0.128837	0.341265	-2.93027	0.536192	0.663444	-1.50729	0.171499	2.59499	2.59499	0.892379	0.915149	-1.09272
cg00406392	FRMD4A	0.207016	0.0402005	0.211778	-4.72192	0.847898	0.88185	-1.13398	0.909155	0.927984	-1.07761	0.231484	0.439644	-2.27457	0.0386505	0.208416	-4.79809
cg00534655	PURA	0.207017	0.418643	0.755252	-1.32406	0.148901	1.6918	1.6918	0.214625	1.55851	1.55851	0.830711	1.07543	1.07543	0.672613	0.865573	-1.1553
cg17384647	MMRN2;SNCG	0.207017	0.561902	0.740956	-1.34961	0.0427685	0.303542	-3.29439	0.136051	0.439905	-2.27322	0.361255	0.618909	-1.61575	0.0169344	0.225565	-4.43331
cg06164440	SORBS3;SORBS3	0.207018	0.179215	0.521278	-1.91836	0.104719	0.445015	-2.24712	0.0751111	0.404567	-2.47178	0.0691739	0.39519	-2.53043	0.127088	0.470758	-2.12423
cg09869950	FGGY;FGGY	0.207019	0.219963	0.750896	-1.33174	0.0925952	1.50849	1.50849	0.245392	0.763471	-1.30981	0.314934	0.793883	-1.25963	0.0462505	0.602174	-1.66065
cg00167913	MEGF6	0.207021	0.741768	0.74443	-1.34331	0.0234634	11.1994	11.1994	0.869686	1.15783	1.15783	0.94175	1.0674	1.0674	0.332538	0.409743	-2.44055
cg25655251	LRPAP1	0.20703	0.131846	1.97731	1.97731	0.0209633	3.20352	3.20352	0.0539435	2.50194	2.50194	0.504576	1.3282	1.3282	0.991529	1.00446	1.00446
cg17050049	ARFGAP1;ARFGAP1;ARFGAP1;ARFGAP1	0.207032	?	?	?	0.0341171	7.44689	7.44689	0.0813519	4.73862	4.73862	0.902225	1.10229	1.10229	0.239742	2.67081	2.67081
cg01291088	RLTPR	0.207035	0.0873247	3.3844	3.3844	0.842414	0.879359	-1.13719	0.378875	1.79157	1.79157	0.0634861	3.84876	3.84876	0.203861	2.37773	2.37773
cg22539434	GLI3	0.207036	0.504489	0.883866	-1.13139	0.0232352	0.609892	-1.63963	0.110851	0.728599	-1.3725	0.847112	1.03581	1.03581	0.291193	1.22096	1.22096
cg24997174	MTMR9	0.207039	0.533378	1.06168	1.06168	0.264582	1.11664	1.11664	0.172234	1.14781	1.14781	0.0814149	1.20113	1.20113	0.883468	0.986181	-1.01401
cg02365900	METRNL	0.20704	0.205657	0.761695	-1.31286	0.427718	1.1795	1.1795	0.089432	0.682634	-1.46491	0.884018	0.970679	-1.03021	0.117484	0.707061	-1.41431
cg16420798	STK32A;STK32A	0.207041	0.1534	0.744364	-1.34343	0.847128	1.03798	1.03798	0.367572	1.19572	1.19572	0.571837	1.11665	1.11665	0.0630521	1.49752	1.49752
cg02089795	CECR1	0.207044	0.299666	1.334	1.334	0.256242	1.37401	1.37401	0.425836	1.24362	1.24362	0.556704	0.852675	-1.17278	0.435402	1.23783	1.23783
cg11381792	TRAPPC10	0.207044	0.196807	0.904076	-1.1061	0.40698	1.06469	1.06469	0.455123	1.05783	1.05783	0.918721	1.00757	1.00757	0.172012	0.898135	-1.11342
cg13776499	TRIB2;TRIB2;TRIB2	0.207046	0.750647	1.07077	1.07077	0.820714	0.952481	-1.04989	0.298286	1.26016	1.26016	0.45076	0.848055	-1.17917	0.600048	0.892728	-1.12016
cg15475851	INA	0.207049	0.604097	1.15015	1.15015	0.694512	0.899822	-1.11133	0.199809	0.696119	-1.43654	0.120745	0.637611	-1.56835	0.767588	1.08248	1.08248
cg19434795	SNORD115-44	0.207052	0.149505	0.311959	-3.20555	0.13805	0.300076	-3.33249	0.474405	0.577894	-1.73042	0.381923	0.508676	-1.96589	0.0483109	0.182531	-5.47852
cg26055054	DDX26B	0.207053	0.0324031	0.0530928	-18.835	0.0959499	0.119925	-8.33855	0.771856	0.717139	-1.39443	0.242861	4.08319	4.08319	0.50041	0.456724	-2.18951
cg22265394	SERPINB8;SERPINB8;SERPINB8	0.20706	0.870848	0.946403	-1.05663	0.0772859	1.94441	1.94441	0.397472	1.34088	1.34088	0.289383	0.689133	-1.4511	0.0746317	0.510509	-1.95883
cg06858185	TRAPPC9;TRAPPC9	0.207062	0.0991241	0.376656	-2.65495	0.109902	0.390173	-2.56297	0.312153	1.7589	1.7589	0.426653	1.55019	1.55019	0.0405904	0.278855	-3.5861
cg19896612	AMIGO1;AMIGO1	0.207069	0.421379	2.03179	2.03179	0.196458	0.307646	-3.25049	0.454284	1.93068	1.93068	0.0821796	0.189751	-5.27006	0.18823	0.300173	-3.33142
cg24772525	TLK1;TLK1	0.20707	0.109452	0.360149	-2.77663	0.972513	0.98004	-1.02037	0.880159	0.915502	-1.0923	0.990881	0.993335	-1.00671	0.377531	0.588693	-1.69868
cg00476032	SLC22A23;SLC22A23	0.207079	0.28242	0.768013	-1.30206	0.18084	0.7148	-1.39899	0.0388333	0.568213	-1.7599	0.749217	1.07874	1.07874	0.0517913	0.592741	-1.68708
cg05190994	YTHDF3	0.20708	0.103468	0.724596	-1.38008	0.0358961	1.55513	1.55513	0.212608	1.26804	1.26804	0.954821	0.989804	-1.0103	0.503321	1.13073	1.13073
cg02323699	NCAM1;NCAM1;NCAM1	0.207084	0.765731	0.904808	-1.10521	0.283686	0.68876	-1.45188	0.675449	0.868523	-1.15138	0.600297	1.19362	1.19362	0.132557	0.58081	-1.72173
cg11758841	PARVA	0.207094	0.589416	1.21648	1.21648	0.412847	1.35137	1.35137	0.762643	1.1151	1.1151	0.576739	1.22484	1.22484	0.140079	0.564976	-1.76999
cg00950497	ABLIM1;ABLIM1;ABLIM1	0.207099	0.0834741	0.331383	-3.01766	0.486983	1.50252	1.50252	0.609273	1.34605	1.34605	0.572422	0.719762	-1.38935	0.477772	0.659623	-1.51602
cg13537353	ATP8A2	0.207099	0.204544	2.41199	2.41199	0.271258	2.12386	2.12386	0.908785	1.07829	1.07829	0.841567	1.14068	1.14068	0.0906834	3.40692	3.40692
cg00190642	H2BFWT;MIR1256	0.207099	0.108274	0.292662	-3.41691	0.251984	0.432036	-2.31462	0.213053	0.398653	-2.50844	0.519991	1.57991	1.57991	0.209491	0.395489	-2.52852
cg15660229	TBC1D28	0.2071	0.0650493	0.295264	-3.3868	0.454064	1.56688	1.56688	0.796761	0.859006	-1.16414	0.0851436	0.325982	-3.06765	0.227543	0.47428	-2.10846
cg11389257	MIER2	0.207101	0.841425	1.06041	1.06041	0.875304	1.04706	1.04706	0.721384	1.11055	1.11055	0.187722	1.505	1.505	0.0571948	0.532584	-1.87764
cg02057917	OR5V1	0.207102	0.0428489	2.80023	2.80023	0.144706	1.99775	1.99775	0.472894	1.38059	1.38059	0.942481	1.03239	1.03239	0.764417	1.14199	1.14199
cg26309566	LRP5	0.207107	0.168344	0.726112	-1.3772	0.530057	0.870503	-1.14876	0.0695251	1.55676	1.55676	0.564216	1.13552	1.13552	0.0330179	0.580696	-1.72207
cg17608490	FEV	0.207108	0.391693	2.13058	2.13058	0.365243	2.22967	2.22967	0.206174	3.15609	3.15609	0.235615	2.9192	2.9192	0.106217	0.218577	-4.57504
cg04959790	NR1H3;NR1H3;NR1H3	0.207109	0.398151	0.731034	-1.36793	0.0290739	2.53855	2.53855	0.64535	1.18274	1.18274	0.104082	1.90327	1.90327	0.266084	0.657262	-1.52146
cg16539595	C15orf41;C15orf41	0.207111	0.0396135	0.752653	-1.32863	0.148424	1.20333	1.20333	0.427963	1.10146	1.10146	0.946082	1.00811	1.00811	0.739833	0.960988	-1.0406
cg11573707	RGS12;RGS12	0.207111	0.110212	0.366264	-2.73027	0.457635	0.646358	-1.54713	0.335119	0.563551	-1.77446	0.781413	1.17409	1.17409	0.0131087	0.169457	-5.90119
cg27062116	SNORD115-41	0.207111	0.0464138	0.159016	-6.28868	0.0439879	0.1548	-6.45993	0.328937	0.443909	-2.25271	0.485301	0.564663	-1.77097	0.0495861	0.164365	-6.08401
cg00882130	INO80D	0.207122	0.47863	1.17734	1.17734	0.455944	1.1878	1.1878	0.871037	1.03751	1.03751	0.15574	0.708757	-1.41092	0.491393	0.853505	-1.17164
cg25244420	PRKAG2;PRKAG2;PRKAG2	0.207124	0.192428	0.79632	-1.25578	0.239208	0.815889	-1.22566	0.126998	1.31321	1.31321	0.713258	0.940887	-1.06283	0.459442	1.13241	1.13241
cg23250587	CHPF2;CHPF2	0.207125	0.356243	0.649496	-1.53966	0.153087	2.0054	2.0054	0.302365	1.62567	1.62567	0.507092	0.736317	-1.35811	0.194478	0.535674	-1.86681
cg27520319	ZSCAN1	0.207126	0.536486	1.47001	1.47001	0.145831	2.61462	2.61462	0.140495	0.376837	-2.65367	0.245982	2.11029	2.11029	0.0934764	0.321255	-3.11279
cg13533528	SLC25A3;SLC25A3;SLC25A3;SNORA53	0.207126	0.847025	0.963974	-1.03737	0.0439876	0.64422	-1.55227	0.600219	0.90442	-1.10568	0.166987	1.32298	1.32298	0.597834	1.10642	1.10642
cg05186455	SERPINA4	0.207129	0.602274	0.898623	-1.11281	0.728781	0.931678	-1.07333	0.0282752	0.590667	-1.693	0.224285	0.771418	-1.29631	0.887414	0.971611	-1.02922
cg13749169	FAM189A1	0.207132	0.635799	0.806196	-1.24039	0.896815	0.943093	-1.06034	0.942609	0.96801	-1.03305	0.685633	1.20174	1.20174	0.0122856	0.244575	-4.08873
cg17176978	RAB11A	0.207134	0.433226	0.896557	-1.11538	0.924501	0.987141	-1.01303	0.47432	0.905426	-1.10445	0.896951	1.01785	1.01785	0.187055	0.82618	-1.21039
cg03104309	LRRC4B	0.207144	0.826256	0.889194	-1.12461	0.956426	1.02962	1.02962	0.106387	2.56493	2.56493	0.731244	1.20224	1.20224	0.624941	0.768587	-1.30109
cg04273871	TLX1	0.207148	0.185666	2.79602	2.79602	0.186758	2.78806	2.78806	0.99613	1.00356	1.00356	0.414878	0.543016	-1.84157	0.304743	0.45901	-2.1786
cg03658009	C20orf26;C20orf26;CRNKL1	0.207151	0.442566	0.370408	-2.69972	0.800755	1.37703	1.37703	0.56022	0.474149	-2.10904	0.403286	0.33773	-2.96094	?	?	?
cg23992583	FAM19A2	0.207157	0.444998	0.581381	-1.72004	0.0568217	4.48854	4.48854	0.304333	2.09802	2.09802	0.483388	1.64238	1.64238	0.647033	1.37869	1.37869
cg23277638	RSBN1L	0.20716	0.988602	1.00296	1.00296	0.227581	0.769154	-1.30013	0.115417	0.701421	-1.42568	0.726378	0.929785	-1.07552	0.183216	0.746303	-1.33994
cg11303920	RPTOR;RPTOR	0.207161	0.13609	0.702857	-1.42277	0.794567	0.944322	-1.05896	0.99846	1.00042	1.00042	0.197873	0.741715	-1.34823	0.496584	1.16363	1.16363
cg24901679	RBPJ;RBPJ;RBPJ;RBPJ	0.207162	0.276671	0.698074	-1.43251	0.354415	1.35344	1.35344	0.521567	1.22921	1.22921	0.0865929	1.82451	1.82451	0.130838	0.595567	-1.67907
cg05712507	GPN3;GPN3;GPN3;C12orf24	0.207163	0.922279	0.958289	-1.04353	0.765973	0.877815	-1.13919	0.0465147	2.70578	2.70578	?	?	?	0.173028	0.53098	-1.88331

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02709924	0.746431	1.16719	1.16719	0.292575	0.594329	-1.68257	0.543865	0.746205	-1.34011	0.248044	0.562458	-1.77791	1.81443	6.5252	3.19669	1
cg26809488	0.576032	1.55004	1.55004	0.552041	0.627037	-1.5948	0.645344	1.43265	1.43265	0.92574	1.075	1.075	1.81442	17.2951	8.47289	1
cg09624807	0.939072	1.03405	1.03405	0.0224353	3.31315	3.31315	0.0799964	2.34161	2.34161	0.191799	1.83168	1.83168	1.81441	5.51303	2.70086	1
cg05142445	0.59576	0.753251	-1.32758	0.418736	0.645793	-1.54848	0.670506	0.797326	-1.25419	0.256243	0.534099	-1.87231	1.81441	8.04846	3.94298	1
cg01476807	0.0461819	0.286603	-3.48914	0.233366	0.504832	-1.98086	0.679317	1.25534	1.25534	0.529921	0.706033	-1.41636	1.8144	8.59945	4.21293	1
cg22910449	0.170252	0.552763	-1.80909	0.914689	0.957438	-1.04445	0.0443719	0.391695	-2.553	0.383126	0.695583	-1.43764	1.8144	4.73401	2.31923	1
cg00697642	0.37646	1.13731	1.13731	0.0150205	1.5277	1.5277	0.148292	1.24585	1.24585	0.546151	0.917058	-1.09044	1.81439	0.577461	0.282904	1
cg21334510	0.280529	0.635549	-1.57344	0.181193	1.77467	1.77467	0.55546	1.2725	1.2725	0.122832	0.508872	-1.96513	1.81438	4.69211	2.29873	1
cg26995224	0.560555	1.30413	1.30413	0.0446276	0.35335	-2.83005	0.292559	0.610981	-1.63671	0.818996	1.10896	1.10896	1.81437	5.84992	2.86596	1
cg26984682	0.490038	1.20841	1.20841	0.112826	1.5936	1.5936	0.15683	1.50509	1.50509	0.545052	1.17984	1.17984	1.81437	2.09476	1.02626	1
cg07811750	0.0652157	3.34353	3.34353	0.280346	1.9087	1.9087	0.333838	0.563548	-1.77447	0.798419	0.863641	-1.15789	1.89766	8.5758	3.95425	1
cg10228777	0.997277	0.999036	-1.00096	0.165731	1.51852	1.51852	0.0401449	1.95451	1.95451	0.0358566	1.99369	1.99369	1.81435	2.29474	1.12424	1
cg23176889	0.0151819	0.195861	-5.10567	0.600244	0.748975	-1.33516	0.874074	0.916953	-1.09057	0.170119	0.449919	-2.22262	1.81434	8.58642	4.20669	1
cg18674961	0.284607	2.38115	2.38115	0.305261	2.29018	2.29018	0.971555	1.02822	1.02822	0.913242	1.08879	1.08879	1.81434	17.5068	8.577	1
cg21962610	0.611362	1.10426	1.10426	0.0224758	0.589149	-1.69736	0.848704	0.963712	-1.03765	0.408111	1.17793	1.17793	1.81434	1.07629	0.527301	1
cg22601553	0.842995	1.03795	1.03795	0.856273	0.966521	-1.03464	0.0500562	0.657267	-1.52145	0.100477	0.713226	-1.40208	1.81433	1.01369	0.496636	1
cg03237948	0.0151355	0.420465	-2.37832	0.463296	0.805154	-1.242	0.761468	1.09241	1.09241	0.337435	0.750444	-1.33254	1.81432	2.42162	1.18642	1
cg03336504	0.419144	0.849107	-1.17771	0.0424894	0.629456	-1.58867	0.27822	1.25034	1.25034	0.766694	1.06073	1.06073	1.81431	1.12819	0.552737	1
cg05237436	0.555877	0.730916	-1.36815	0.0693658	0.343364	-2.91236	0.5289	0.714856	-1.39888	0.54921	0.726958	-1.37559	1.8143	7.95573	3.89779	1
cg13340272	0.396333	0.841059	-1.18898	0.69188	1.08262	1.08262	0.119954	0.714496	-1.39959	0.149411	1.36076	1.36076	1.81426	1.1411	0.559079	1
cg14783259	0.882878	0.90906	-1.10004	0.993104	0.994426	-1.00561	0.183098	0.401065	-2.49336	0.105121	0.318133	-3.14334	1.81425	12.0195	5.88895	1
cg04804618	0.712945	0.925322	-1.0807	0.0142933	0.530173	-1.88618	0.232733	0.76887	-1.30061	0.819453	1.04919	1.04919	1.81424	1.26762	0.621069	1
cg27627799	0.747487	0.786328	-1.27173	0.604044	1.47597	1.47597	0.729836	1.29431	1.29431	0.643557	1.41446	1.41446	1.81422	15.911	7.79569	1
cg25399818	0.192677	0.497931	-2.00831	0.0603197	0.342521	-2.91952	0.966431	0.978941	-1.02151	0.0749931	0.366839	-2.72599	1.81421	7.34924	3.60083	1
ch.20.940469R	0.73599	1.23489	1.23489	0.100533	0.325765	-3.0697	0.631161	0.739653	-1.35199	0.573337	0.701343	-1.42584	1.8142	11.1682	5.47199	1
cg15401405	0.0217393	3.14263	3.14263	0.0467756	2.57604	2.57604	0.882901	0.940575	-1.06318	0.469729	1.35759	1.35759	1.81418	4.96446	2.43242	1
cg11748880	0.0344144	0.317373	-3.15086	0.25531	0.575542	-1.73749	0.230311	1.79575	1.79575	0.209461	0.540457	-1.85029	1.8141	6.21707	3.04629	1
cg23380197	0.0386543	0.412268	-2.42561	0.7113	0.871496	-1.14745	0.759522	1.1203	1.1203	0.962637	1.01748	1.01748	1.8141	3.93298	1.92712	1
cg00890148	?	?	?	0.533974	0.652686	-1.53213	0.66234	1.34627	1.34627	0.0293615	0.168546	-5.93309	1.91867	9.0636	5.5112	1
cg02952828	0.4538	0.777704	-1.28584	0.914001	1.03623	1.03623	0.00995412	2.92261	2.92261	0.644509	1.16541	1.16541	1.8141	3.11877	1.52816	1
cg21196265	0.0853825	2.50461	2.50461	0.274813	1.73074	1.73074	0.106087	2.34462	2.34462	0.330914	1.62311	1.62311	1.81409	6.69684	3.28139	1
cg22142012	0.941737	0.986563	-1.01362	0.205712	0.781089	-1.28026	0.491833	1.13793	1.13793	0.140098	0.745434	-1.3415	1.81409	0.984105	0.482204	1
cg23179379	0.504133	1.12815	1.12815	0.0242754	0.620231	-1.6123	0.11698	0.73866	-1.3538	0.240092	1.24458	1.24458	1.81408	0.909073	0.44544	1
cg13932339	0.830402	0.967903	-1.03316	0.0518431	0.714252	-1.40007	0.0626181	1.3753	1.3753	0.824485	1.03436	1.03436	1.81408	0.664616	0.325658	1
cg17287605	0.499912	1.22236	1.22236	0.145381	0.632279	-1.58158	0.426652	0.788213	-1.26869	0.151069	0.636907	-1.57009	1.81404	2.46989	1.21026	1
cg10646950	0.37697	2.18216	2.18216	0.424223	0.495367	-2.0187	0.0331727	0.117273	-8.52712	0.990752	1.01003	1.01003	1.81403	21.2841	10.4294	1
cg09517075	0.557218	0.645728	-1.54864	0.0159458	8.79606	8.79606	0.0928327	3.90562	3.90562	0.150788	3.1096	3.1096	1.81398	15.5948	7.6418	1
cg09068158	0.322776	2.12457	2.12457	0.056661	4.91244	4.91244	0.12135	3.45294	3.45294	0.113287	3.5663	3.5663	1.81396	15.6395	7.6638	1
cg00521993	0.582842	1.40644	1.40644	0.0250303	0.194113	-5.15164	0.557599	1.44002	1.44002	0.0593066	0.270068	-3.70276	1.81396	10.8614	5.3224	1
cg21942701	0.363573	0.66685	-1.49959	0.312136	0.635255	-1.57417	0.0550266	0.389037	-2.57045	0.0991499	0.456368	-2.19121	1.81394	5.40988	2.65101	1
cg09099312	0.95995	1.00783	1.00783	0.499294	0.899005	-1.11234	0.254075	0.831198	-1.20308	0.360959	0.864339	-1.15695	1.81394	0.692356	0.339277	1
cg15716129	0.282557	0.50469	-1.98141	0.0238156	0.17522	-5.7071	0.113192	0.34163	-2.92715	0.802251	1.16377	1.16377	2.00843	8.59442	3.66786	1
cg10196861	0.522158	0.889968	-1.12364	0.0141129	1.7235	1.7235	0.0946822	1.39106	1.39106	0.228596	1.25492	1.25492	1.81386	0.927663	0.454606	1
cg08364677	0.331526	1.16859	1.16859	0.65723	1.07192	1.07192	0.772325	0.955889	-1.04615	0.027798	1.49837	1.49837	1.81386	0.694668	0.340425	1
cg26079992	0.345728	0.912255	-1.09618	0.0903654	0.838214	-1.19301	0.105626	0.846049	-1.18196	0.715814	1.03518	1.03518	1.81385	0.256927	0.125909	1
cg06430465	0.67155	0.646466	-1.54687	0.101512	0.159814	-6.25729	0.110951	5.90723	5.90723	0.574185	0.559514	-1.78727	1.81385	30.0523	14.7273	1
cg17383811	0.114162	0.299606	-3.33772	0.0484096	0.205626	-4.86321	0.589706	0.682602	-1.46498	0.311991	0.480183	-2.08254	1.81385	14.1318	6.92538	1
cg22624926	0.761707	0.958758	-1.04302	0.452463	1.11182	1.11182	0.0769876	1.313	1.313	0.178529	1.21888	1.21888	1.81384	0.550882	0.269964	1
cg14058432	0.397305	0.828893	-1.20643	0.0378752	0.59375	-1.68421	0.301897	0.793278	-1.26059	0.896005	1.02872	1.02872	1.81384	1.3468	0.660011	1
cg13135609	0.687826	1.15415	1.15415	0.297021	1.46779	1.46779	0.0667161	2.07444	2.07444	0.588882	0.823926	-1.2137	1.81382	3.61915	1.77361	1
cg16014000	0.0681475	0.680189	-1.47018	0.329087	0.826922	-1.2093	0.738345	0.938705	-1.0653	0.840589	0.962715	-1.03873	1.81382	1.02263	0.501157	1
cg16652739	0.924598	0.951818	-1.05062	0.0657466	2.93634	2.93634	0.49099	1.44041	1.44041	0.271453	1.81704	1.81704	1.81381	7.81713	3.83092	1
cg07493465	0.0668291	0.646178	-1.54756	0.126347	0.703655	-1.42115	0.926838	0.980671	-1.01971	0.249105	0.774131	-1.29177	1.8138	1.29746	0.635848	1
cg08542308	0.623146	0.872862	-1.14566	0.0396904	0.520486	-1.92128	0.29454	1.3478	1.3478	0.934675	0.977745	-1.02276	1.81376	2.16518	1.06111	1
cg15854001	0.452166	1.43229	1.43229	0.0530914	0.35668	-2.80363	0.0808618	2.47939	2.47939	0.931074	0.960234	-1.04141	1.81376	6.32032	3.09747	1
cg01797527	0.022895	0.554178	-1.80447	0.177737	0.733027	-1.36421	0.664116	1.09937	1.09937	0.205848	1.3356	1.3356	1.81376	1.3507	0.661951	1
cg20345915	0.94813	0.976921	-1.02362	0.878937	0.946765	-1.05623	0.240211	1.55479	1.55479	0.191731	0.608952	-1.64217	1.81374	3.70024	1.81343	1
cg07316676	0.0541919	0.690629	-1.44795	0.862572	1.02979	1.02979	0.846675	0.967738	-1.03334	0.815423	1.04041	1.04041	1.81374	0.824326	0.40399	1
cg05486188	?	?	?	0.658416	1.73032	1.73032	0.663515	1.7151	1.7151	0.69764	0.618084	-1.6179	1.82269	38.9697	21.3803	1
cg14774273	0.683387	0.918248	-1.08903	0.235008	1.29549	1.29549	0.145001	0.722133	-1.38479	0.822176	1.04793	1.04793	1.8137	1.24264	0.609017	1
cg23576999	0.747942	0.76092	-1.3142	0.183882	3.30247	3.30247	0.909306	0.90795	-1.10138	0.0414291	0.136289	-7.33736	1.81369	20.6276	10.1096	1
cg21083467	0.304061	0.499013	-2.00396	0.202263	0.415113	-2.40898	0.590345	1.42605	1.42605	0.0207225	0.162236	-6.16385	1.81368	12.2502	6.00387	1
cg20003138	0.470348	0.815496	-1.22625	0.0314002	0.496063	-2.01587	0.753883	0.916359	-1.09128	0.383284	1.28184	1.28184	1.81365	2.21543	1.08581	1
cg03854952	0.477587	0.771554	-1.29609	0.101196	1.90533	1.90533	0.224878	1.58068	1.58068	0.476729	1.29676	1.29676	1.81362	3.70545	1.81611	1
cg00555094	0.995059	1.00197	1.00197	0.0280321	2.27791	2.27791	0.791322	1.08776	1.08776	0.828559	0.933517	-1.07122	1.81362	2.89051	1.41669	1
cg17852997	0.380409	1.15101	1.15101	0.0512142	0.706783	-1.41486	0.652423	0.931585	-1.07344	0.323839	0.852765	-1.17266	1.81361	0.701787	0.343961	1
cg15749858	0.342186	0.687161	-1.45526	0.620632	0.825907	-1.21079	0.62534	1.20763	1.20763	0.320921	0.674927	-1.48164	1.8136	4.22145	2.06903	1
cg10767168	0.0335762	0.363766	-2.74902	0.562031	1.26973	1.26973	0.536967	1.29002	1.29002	0.355281	1.47306	1.47306	1.8136	4.76595	2.33591	1
cg00886954	0.165451	1.57382	1.57382	0.975593	0.990665	-1.00942	0.356337	0.74764	-1.33754	0.293751	1.39635	1.39635	1.81355	2.69928	1.32302	1
cg00573880	0.633909	0.859468	-1.16351	0.497835	1.24264	1.24264	0.487945	1.2491	1.2491	0.141577	1.64697	1.64697	1.81353	2.86183	1.40271	1
cg09834822	0.5821	1.14048	1.14048	0.0246995	1.88231	1.88231	0.544324	0.864915	-1.15618	0.968436	1.0094	1.0094	1.81352	1.60643	0.787382	1
cg03072665	0.468034	0.716113	-1.39643	0.0734565	0.405526	-2.46593	0.139299	2.05351	2.05351	0.71036	1.18376	1.18376	1.81347	5.87392	2.87916	1
cg02898499	0.130936	0.306729	-3.26021	0.0317491	0.161352	-6.19765	0.13065	0.306417	-3.26353	0.209171	0.383194	-2.60964	1.81344	15.0804	7.39191	1
cg26848593	0.328933	0.856495	-1.16755	0.131797	0.778731	-1.28414	0.13868	1.27769	1.27769	0.587069	1.08796	1.08796	1.81343	0.678835	0.332744	1
cg00006414	0.866652	1.03559	1.03559	0.186379	1.33849	1.33849	0.879718	1.03202	1.03202	0.257996	1.27845	1.27845	1.81341	1.24396	0.609756	1
cg11454719	0.890842	0.969898	-1.03104	0.27982	0.778743	-1.28412	0.015506	0.516407	-1.93646	0.261497	0.770559	-1.29776	1.8134	1.42292	0.697487	1
cg13811867	0.598029	1.41696	1.41696	0.651844	1.34651	1.34651	0.0285784	5.43045	5.43045	0.757359	1.22506	1.22506	1.81339	12.3228	6.04039	1
cg00406392	0.311498	0.503781	-1.98499	0.578271	0.692317	-1.44443	0.0554519	0.24137	-4.14301	0.171277	0.385275	-2.59555	1.81338	12.3138	6.03603	1
cg00534655	0.983014	1.00726	1.00726	0.0235421	0.39906	-2.50589	0.271863	0.678075	-1.47476	0.450328	0.770082	-1.29856	1.81338	3.31336	1.62415	1
cg17384647	0.887231	1.07524	1.07524	0.677911	0.807738	-1.23803	0.570953	0.746205	-1.34011	0.214087	0.512353	-1.95178	1.81338	7.50625	3.67944	1
cg06164440	0.259154	0.584195	-1.71176	0.135972	0.480173	-2.08258	0.0452823	0.350418	-2.85373	0.329977	0.631907	-1.58251	1.81337	5.98762	2.93504	1
cg09869950	0.315759	0.794216	-1.2591	0.857331	1.04078	1.04078	0.330082	0.799919	-1.25013	0.223545	0.752727	-1.3285	1.81337	1.41699	0.694591	1
cg00167913	0.830104	1.21141	1.21141	0.0793335	0.175794	-5.68846	0.228556	0.323703	-3.08925	0.867556	0.861595	-1.16064	1.81336	22.8792	11.2151	1
cg25655251	0.160826	1.87355	1.87355	0.731771	0.865699	-1.15514	0.312655	1.54923	1.54923	0.689976	1.18301	1.18301	1.81332	5.04551	2.47331	1
cg17050049	?	?	?	?	?	?	0.815269	0.830689	-1.20382	0.48044	1.76786	1.76786	1.91773	12.446	7.57163	1
cg01291088	0.720788	0.793107	-1.26086	0.312093	1.9648	1.9648	0.295326	2.01567	2.01567	0.0271023	5.41844	5.41844	1.8133	11.9803	5.87281	1
cg22539434	0.480186	1.13975	1.13975	0.760089	1.05741	1.05741	0.702091	0.932347	-1.07256	0.165861	0.76388	-1.30911	1.81329	0.9541	0.467707	1
cg24997174	0.561244	0.945788	-1.05732	0.0437379	1.246	1.246	0.7601	0.97136	-1.02948	0.0612759	1.22149	1.22149	1.81328	0.258515	0.126727	1
cg02365900	0.41697	0.844403	-1.18427	0.224165	1.29737	1.29737	0.666655	0.915439	-1.09237	0.122684	1.40636	1.40636	1.81327	1.19373	0.58518	1
cg16420798	0.0978037	0.704138	-1.42018	0.711079	0.930668	-1.0745	0.188205	0.763925	-1.30903	0.396024	0.845472	-1.18277	1.81327	1.07109	0.525065	1
cg02089795	0.126145	1.55842	1.55842	0.0126392	2.29607	2.29607	0.917056	0.972456	-1.02832	0.17158	1.47732	1.47732	1.81325	2.06437	1.01199	1
cg11381792	0.581368	0.959681	-1.04201	0.0331821	1.20202	1.20202	0.452149	1.05824	1.05824	0.191982	1.10746	1.10746	1.81325	0.156829	0.0768801	1
cg13776499	0.671329	0.912522	-1.09586	0.0105459	0.501533	-1.99389	0.433955	1.18678	1.18678	0.415041	1.19565	1.19565	1.81324	1.32105	0.647605	1
cg15475851	0.450652	1.2282	1.2282	0.0224289	0.481211	-2.07809	0.380661	1.27187	1.27187	0.597446	1.15318	1.15318	1.81323	2.0539	1.00687	1
cg19434795	0.472732	0.576654	-1.73414	0.0505515	0.186445	-5.3635	0.252236	0.40595	-2.46336	0.0385856	0.164297	-6.08654	1.81321	16.3168	7.99895	1
cg26055054	?	?	?	0.415961	2.59504	2.59504	0.679948	1.60738	1.60738	0.837273	1.26509	1.26509	1.89636	34.1529	15.7585	1
cg22265394	0.230966	0.653493	-1.53024	0.184193	0.620694	-1.6111	0.644849	0.854587	-1.17016	0.24277	0.661096	-1.51264	1.81318	3.29159	1.61366	1
cg06858185	0.273242	0.540193	-1.85119	0.550543	0.721664	-1.38569	0.671291	1.25929	1.25929	0.726725	0.827373	-1.20864	1.81317	8.37652	4.10651	1
cg19896612	0.0711601	0.175578	-5.69546	0.086436	0.195005	-5.12808	0.565441	0.605628	-1.65118	0.821662	1.21514	1.21514	1.81314	21.3915	10.4872	1
cg24772525	0.693098	1.26126	1.26126	0.01052	0.152025	-6.57784	0.815605	1.14648	1.14648	0.190992	0.444761	-2.2484	1.81313	9.83287	4.82056	1
cg00476032	0.118501	0.670001	-1.49253	0.972663	1.00813	1.00813	0.528566	1.16285	1.16285	0.94521	0.98389	-1.01637	1.81309	1.6035	0.786136	1
cg05190994	0.35609	1.18733	1.18733	0.221159	0.792432	-1.26194	0.88577	1.02634	1.02634	0.715888	0.936017	-1.06836	1.81309	0.939655	0.460678	1
cg02323699	0.776687	0.909194	-1.09988	0.375238	1.35616	1.35616	0.0199325	2.5613	2.5613	0.422692	1.31542	1.31542	1.81307	3.218	1.57768	1
cg11758841	0.772176	0.900852	-1.11006	0.0619875	2.12943	2.12943	0.0357228	2.40852	2.40852	0.244011	1.55022	1.55022	1.81302	3.71446	1.82113	1
cg00950497	0.363971	0.584023	-1.71226	0.0262174	0.218661	-4.57329	0.096653	0.349449	-2.86165	0.247483	0.498048	-2.00784	1.813	9.54262	4.67862	1
cg13537353	0.155498	2.717	2.717	0.0128935	7.61707	7.61707	0.180815	2.54585	2.54585	0.434699	1.68908	1.68908	1.813	12.4188	6.08878	1
cg00190642	0.153421	2.92124	2.92124	0.307247	2.09855	2.09855	0.206232	2.54729	2.54729	0.585314	0.679494	-1.47168	1.813	14.1223	6.92397	1
cg15660229	0.0551939	0.278028	-3.59676	0.543061	0.695918	-1.43695	0.1159	0.365568	-2.73547	0.199841	0.450427	-2.22012	1.81299	9.95721	4.8819	1
cg11389257	0.494747	0.816264	-1.22509	0.0535321	0.526211	-1.90038	0.567885	1.18417	1.18417	0.162678	0.64635	-1.54715	1.81299	2.46195	1.20707	1
cg02057917	0.0730464	2.41866	2.41866	0.0421453	2.81298	2.81298	0.578631	0.780486	-1.28125	0.511477	1.34201	1.34201	1.81298	5.60353	2.74736	1
cg26309566	0.6006	0.891214	-1.12206	0.66282	1.10038	1.10038	0.686876	1.09237	1.09237	0.688735	0.915954	-1.09176	1.81296	1.36484	0.669174	1
cg17608490	0.141792	3.9022	3.9022	0.150344	0.264777	-3.77676	0.254857	2.78621	2.78621	0.43399	1.98994	1.98994	1.81296	21.3312	10.4586	1
cg04959790	0.366388	0.714575	-1.39943	0.769426	1.11232	1.11232	0.276473	1.50674	1.50674	0.58529	1.22086	1.22086	1.81295	3.76587	1.8464	1
cg16539595	0.749069	1.03906	1.03906	0.11665	1.22576	1.22576	0.26178	0.869592	-1.14996	0.416579	1.10422	1.10422	1.81294	0.409393	0.200726	1
cg11573707	0.303436	0.540645	-1.84964	0.153101	0.41365	-2.4175	0.74267	1.20936	1.20936	0.273573	0.518203	-1.92975	1.81294	9.55835	4.68647	1
cg27062116	0.444481	0.533489	-1.87445	0.350683	0.461056	-2.16894	0.753603	0.775843	-1.28892	0.0777533	0.205966	-4.85518	1.81294	18.6539	9.14602	1
cg00882130	0.262571	0.767398	-1.3031	0.552066	1.14609	1.14609	0.0242076	1.83864	1.83864	0.267197	1.29951	1.29951	1.81289	1.47494	0.723184	1
cg25244420	0.660556	1.07568	1.07568	0.0279507	1.5353	1.5353	0.782889	0.955423	-1.04666	0.55348	1.10402	1.10402	1.81288	0.782493	0.38367	1
cg23250587	0.879464	0.933312	-1.07145	0.0567864	0.375105	-2.66592	0.148559	2.02326	2.02326	0.822386	1.10766	1.10766	1.81288	5.93877	2.91189	1
cg27520319	0.388924	1.72198	1.72198	0.554976	1.44415	1.44415	0.115575	2.86598	2.86598	0.888951	0.9176	-1.0898	1.81287	10.8775	5.33346	1
cg13533528	0.606997	0.906137	-1.10359	0.367336	0.838683	-1.19235	0.743084	1.06448	1.06448	0.0410401	0.638969	-1.56502	1.81287	1.03621	0.508075	1
cg05186455	0.480058	0.864202	-1.15714	0.375665	1.20303	1.20303	0.0358668	0.608748	-1.64272	0.217154	0.767989	-1.3021	1.81286	1.18668	0.581858	1
cg13749169	0.463017	1.40121	1.40121	0.401913	0.678819	-1.47315	0.597596	0.786194	-1.27195	0.0695894	0.399922	-2.50049	1.81285	5.85482	2.87078	1
cg17176978	0.615404	1.07161	1.07161	0.0167475	1.48986	1.48986	0.245906	1.18022	1.18022	0.390993	1.12751	1.12751	1.81284	0.535269	0.262459	1
cg03104309	0.400896	0.631705	-1.58302	0.077146	0.349994	-2.85719	0.0461506	3.38913	3.38913	0.443898	1.51739	1.51739	1.81279	8.19351	4.01763	1
cg04273871	0.257293	0.420559	-2.37779	0.449693	0.568722	-1.75833	0.0347807	6.06648	6.06648	0.667821	1.37204	1.37204	1.81277	15.4112	7.55685	1
cg03658009	0.0920521	0.0924732	-10.8139	?	?	?	?	?	?	0.0654804	14.3323	14.3323	1.91707	31.6955	19.2888	1
cg23992583	0.363149	1.91748	1.91748	0.224628	0.411281	-2.43143	0.0358834	5.47629	5.47629	0.950158	0.957391	-1.04451	1.81273	13.9298	6.83058	1
cg23277638	0.300494	1.24896	1.24896	0.76584	0.939988	-1.06384	0.329248	1.23201	1.23201	0.02946	0.587827	-1.70118	1.81272	1.23271	0.604473	1
cg11303920	0.139459	1.41785	1.41785	0.160116	1.39024	1.39024	0.173493	0.727653	-1.37428	0.159743	0.719061	-1.3907	1.81271	1.3837	0.678515	1
cg24901679	0.452357	1.27533	1.27533	0.112089	1.73255	1.73255	0.145743	1.64241	1.64241	0.424208	1.29598	1.29598	1.81271	2.89712	1.42064	1
cg05712507	0.416411	1.43709	1.43709	0.0722964	0.416577	-2.40052	0.706709	0.847864	-1.17943	0.646073	0.817196	-1.2237	1.82166	4.88827	2.68341	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg08145555	USP1;USP1;USP1;USP1	0.207165	0.64795	0.935575	-1.06886	1.549797	1.09161	1.091661	0.4314664	0.885215	-1.12967	0.771	0.95897	-1.04279	0.127626	0.787708	-1.26951	0.812598	1.03525	1.03525	0.00871224	0.616196	-1.62286	0.890745	1.02011	1.02011	0.383192	0.878051	-1.13889	1.81269	0.6024414	0.295405	1
cg20786876	MYT1L	0.207177	0.51353	0.787461	-1.2699	0.0339591	0.4095541	-2.44176	0.0385851	0.50127	-1.99493	0.768291	1.11242	1.11242	0.0622213	0.4690663	-2.13191	0.955074	1.02052	1.02052	0.41001	0.737976	-1.35505	0.375145	1.38854	1.38854	0.958712	0.101884	1.01884	1.81264	3.733444	1.83082	1
cg21927363	C9orf93	0.20718	0.442549	0.907191	-1.1023	0.167134	0.8325597	-1.20106	0.273883	0.867933	-1.15216	0.81545	1.02951	1.02951	0.703188	1.04877	1.04877	0.581164	1.07178	1.07178	0.0856161	0.7894495	-1.26663	0.210727	1.17828	1.17828	0.0762182	1.27815	1.27815	1.81262	0.4442267	0.217863	1
cg05573306	AP2M1;AP2M1	0.207188	0.388734	1.28876	1.28876	0.0861453	1.72383	1.723383	0.223646	1.44364	1.44364	0.133125	1.59253	1.59253	0.352308	1.31637	1.31637	0.790017	0.926215	-1.07956	0.21044	0.68455	-1.46081	0.0429786	1.95202	1.95202	0.379972	1.29517	1.29517	1.81258	2.36766	1.1611	1
cg26966707	C6orf174	0.20719	0.491436	0.873945	-1.14424	0.762518	1.06017	1.06017	0.585741	1.11194	1.11194	0.398257	0.864406	-1.18147	0.347288	0.829784	-1.20513	0.044863	0.641476	-1.55891	0.0506114	0.650848	-1.53646	0.0679739	0.684234	-1.46149	0.155466	0.745976	-1.34053	1.81258	1.06717	0.52334	1
cg27608264	PEL15;PEL13	0.2072	0.299375	1.19223	1.19223	0.262809	0.825963	-1.23271	0.0286381	0.655686	-1.52512	0.995133	1.001	1.001	0.379488	0.862993	-1.1588	0.199328	1.24819	1.24819	0.254864	1.21452	1.21452	0.611897	0.919758	1.08724	0.459922	0.884263	-1.13088	1.81253	0.7679596	0.376243	1
cg15335768	DIRC3	0.207203	0.115768	0.347664	-2.87634	0.970465	0.977379	-1.02314	0.94587	1.04285	1.04285	0.143288	0.37831	-2.64333	0.0352904	0.219817	-4.54924	0.491235	0.649157	-1.54046	0.0337796	0.2161225	-4.62694	0.493096	0.650399	-1.53752	0.187248	0.421552	-2.37219	1.81252	1.90636	5.37673	1
cg16259646	LRG5;LRG3	0.207204	0.831301	0.969734	-1.03121	0.4416237	1.11907	1.119067	0.9643073	1.34931	1.34931	0.103676	0.773863	-1.29222	0.958102	1.00752	1.00752	0.339884	0.86788	-1.15223	0.0915472	0.7661569	-1.3069	0.864231	1.02919	1.02919	0.2880943	1.17185	1.17185	1.81251	0.5957547	0.282166	1
cg13667464	LRP3	0.594109	1.10127	1.10127	2.885052	1.22011	1.22011	0.6660018	1.08099	1.08099	0.7492325	0.9441008	-1.05902	0.8663663	0.03055	1.55055	1.55055	0.596596	1.10054	1.10054	0.0503112	1.54532	1.54532	0.915499	0.9815146	-1.01922	0.906412	1.02132	1.02132	1.81225	0.9232376	0.452794	1
cg10437415	CUX1;CUX1;CUX1	0.207206	0.884677	0.919331	-1.09418	0.0753078	3.40748	3.40748	0.0379903	4.44527	4.44527	0.7047	0.786861	-1.27087	0.0914784	0.3158855	-3.16601	0.827705	0.873568	-1.14473	0.83085	1.14186	1.14186	0.941354	0.955399	-1.04668	0.504662	0.657157	-1.52171	1.8125	11.0392	5.41386	1
cg27624073	BANC1	0.207217	0.699845	1.14284	1.14284	0.5599	1.10161	1.10161	0.155229	1.56555	1.56555	0.183996	0.782325	-1.27804	0.2857	0.8304646	-1.20432	0.747405	0.894608	-1.11781	0.3134161	0.7437585	-1.34479	0.2892329	0.915364	1.09287	0.0990407	1.169375	0.25758	1.50259	1.50259	1.81245	3.4097	1.67224	1
cg01336862	PRAM1	0.207218	0.129244	0.531294	-1.8822	0.318104	0.671582	-1.48902	0.94897	0.975609	-1.025	0.188426	0.584115	-1.71199	0.265808	0.6393112	-1.56418	0.124994	0.526924	-1.89781	0.0239097	0.351388	-2.84585	0.329329	1.47462	1.47462	0.748672	0.883364	-1.13204	1.81245	4.27268	2.09547	1
cg17279326	TMEM132C	0.20722	0.0415413	0.2976576	-3.40164	0.9727141	1.01862	1.01862	0.7711593	0.8359027	-1.16373	0.192057	0.487071	-2.05509	0.0646482	0.339212	-2.94801	0.956966	0.972281	-1.02851	0.9596576	0.3303497	-3.02575	0.604048	0.75934	-1.31693	0.0932253	0.380543	-2.62782	1.81244	7.7895	3.82027	1
cg04544105	DQX1;DQX1	0.207229	0.732597	0.927271	-1.07843	0.929375	1.01971	1.01971	0.2900979	0.7852557	-1.27347	0.693002	1.09129	1.09129	0.215863	1.33212	1.33212	0.012946	0.507045	-1.97221	0.46098	1.0969	1.17969	0.501192	1.16319	1.16319	0.626757	0.80772	-1.11393	1.8124	1.39143	0.682425	1
cg13956816	GABRD	0.207234	0.218754	0.34898	0.34898	0.138749	0.441899	0.96928	0.96473	-1.03656	0.249733	3.0697	0.30697	0.0936144	0.179199	-5.58038	0.194417	0.596546	3.59646	0.217129	0.299771	-3.35604	0.218526	0.34247	0.348326	0.192786	0.927986	0.213287	24.9539	12.2388	1
cg20489795	TUBGCP2	0.207241	0.260095	1.25288	1.25288	0.472557	0.179227	1.17027	0.777153	0.9946997	-1.05597	0.578497	0.898454	-1.1134	0.284696	0.807929	-1.23773	0.726205	0.820618	-1.24281	0.0223152	1.69136	1.69136	0.750482	1.06862	1.06862	0.200156	1.29658	1.29658	1.81234	1.055726	0.518549	1
cg24653772	HEATR2	0.207242	0.372806	0.713068	-1.40239	0.411517	0.733315	-1.36367	0.237934	1.58146	1.58146	0.937774	0.971666	-1.02916	0.138932	0.552619	-1.80957	0.412387	0.73376	-1.36284	0.0248091	0.363782	-2.7489	0.0816202	0.485789	-2.05851	0.715219	0.873739	-1.14452	1.88738	3.96572	1.63425	1
cg23564939	DNAI86	0.207242	0.416974	0.778441	-1.4731	0.102795	2.29484	2.29484	0.793406	0.88465	-1.13039	0.459313	1.44945	1.44945	0.0247039	0.2868633	-3.48635	0.542725	1.13339	1.13339	0.6773573	0.8226272	-1.21562	0.844035	0.912213	-1.09634	0.937647	0.529455	-1.88874	1.81233	0.29321	0.06993	1
cg04923919	JAKMIP1;JAKMIP1	0.207243	0.767746	1.09375	1.09375	0.78017	0.918822	-1.08835	0.63856	0.866617	-1.15391	0.767611	1.09381	1.09381	0.0272048	0.4534142	-2.2055	0.292841	1.39126	1.39126	0.1379561	1.62148	1.62148	0.512437	1.16585	1.16585	0.71614	1.11684	1.11684	1.81233	2.62814	1.28902	1
cg07180646	TMEM51;TMEM51;TMEM51;TMEM51	0.207253	0.173785	0.462094	-2.16406	0.526787	1.40793	1.40793	0.695246	1.23372	1.23372	0.391174	0.625812	-1.59793	0.0132572	0.194468	-5.14224	0.977548	1.01513	1.01513	0.697734	1.23147	1.23147	0.134973	0.423306	-2.36236	0.723975	0.827653	-1.20824	1.81229	8.16881	4.00663	1
cg12876009	CARD10	0.207257	0.144803	0.847115	-1.18048	0.0911626	0.821089	-1.21789	0.558756	1.06468	1.06468	0.0328856	0.767673	-1.30264	0.415198	0.915546	-1.09224	0.433162	0.918752	-1.08843	0.135008	0.385882	1.08976	1.08976	1.81226	0.322167	0.158018	1
cg09362228	DDX19A	0.207259	0.0739014	0.7445168	-2.68263	0.1576313	0.8543	-1.21803	0.1615441	0.9375853	1.07243	0.2865	0.838329	0.838329	0.3928865	0.2277747	-1.593	0.729353	0.8777	-1.13956	0.1988408	0.7706021	-1.29769	0.1777555	0.663797	-2.14226	0.637181	1.28752	1.28752	1.81226	1.202011	0.598374	1
cg10231902	COL22A1 EPCB1;CPEB1;CPEB1;CPEB1;CPE	0.207259	0.788212	1.06881	1.06881	0.436257	1.2169	1.2169	0.538041	0.857186	-1.16661	0.836306	0.95015	-1.05247	0.8392	1.0515	1.0515	0.634643	1.888413	-1.1256	0.0117562	2.17668	2.17668	0.516078	1.17674	1.17674	0.154251	1.685959	-1.45781	1.81226	1.753333	0.859986	1
cg06263843	B1;CPEB1	0.20726	0.480743	1.11003	1.11003	3.09715	1.16545	1.16545	0.157007	1.24663	1.24663	0.0410433	1.40971	1.40971	0.185308	1.22702	1.22702	0.903939	0.982569	-1.01774	0.58888	0.802304	1.07693	1.07693	1.02293	1.02293	0.0291667	1.45407	1.45407	1.81225	0.6088855	0.298636	1
cg12347740	IL34	0.207264	0.867651	0.927462	-1.07821	0.0224781	3.4359	3.4359	0.038767	2.94617	2.94617	0.19365	1.86079	1.86079	0.554349	0.763353	-1.31001	0.31154	1.60434	1.60434	0.917356	1.04798	1.04798	0.413563	1.4585	1.4585	0.562098	1.30298	1.30298	1.81224	5.85111	2.86993	1
cg14434995	MSMP	0.207265	0.925973	1.08007	1.08007	0.0106688	0.9299	1.07545	0.1015076	0.8976521	-1.11479	0.3558455	0.924252	-1.0445	0.2134215	0.7576683	-1.32	0.515856	0.859397	-1.16361	0.4435048	0.20249	1.18905	0.1189005	1.18905	1.18905	0.0479342	0.592245	-1.68849	1.81223	1.55385	0.754626	1
cg23946286	ADAP1	0.207269	0.114572	1.8573	1.83726	0.138246	1.77686	1.776686	0.322897	1.44108	1.44108	0.354414	1.40597	1.40597	0.118719	0.5419061	-1.84515	0.458639	1.78253	1.78253	1.27782	0.730308	1.13121	1.13121	0.0901686	1.96431	1.96431	0.492539	0.779756	1.28245	1.88724	1.71008	1.52901	1
cg03570083	ADK	0.207272	0.258192	0.737976	-1.35506	0.74819	0.913311	-1.09492	0.130616	0.631301	-1.58403	0.731535	1.1019	1.1019	0.704956	0.8983162	-1.11314	0.518201	0.831465	-1.2027	0.021708	0.4600045	-2.1737	0.527397	1.19772	1.19772	0.0550901	0.541837	-1.84557	1.8122	2.278556	1.11764	1
cg13896113	FAM21A	0.207278	?	?	?	?	0.585343	-1.4387	0.913752	0.982562	-1.04545	0.213039	0.597219	-1.67413	0.161295	0.5412264	-1.84742	0.965611	0.982466	-1.01775	0.8637	0.8241253	-1.21351	0.50867	1.31665	1.31665	0.837733	1.08778	1.08778	1.84212	4.413584	2.36989	1
cg16559708	CAMTA1	0.207287	0.20823	0.738237	-3.58645	0.0641319	0.110848	-9.02133	0.0514435	0.118309	-8.45247	0.110974	0.187964	-5.32017	0.0407464	0.102919	-9.71634	0.661402	0.654267	-1.52843	0.346007	0.392904	-2.54515	0.364427	0.326383	-3.06389	0.454151	0.480013	-2.08328	1.81213	26.5934	13.0446	1
cg14597361	ETNK1;ETNK1	0.207288	0.0635337	0.7726316	-2.68263	0.1576313	0.8543	-1.21803	0.1615441	0.9375853	1.07243	0.2865	0.838329	0.838329	0.3928865	0.2277747	-1.593	0.729353	0.8777	-1.13956	0.1988408	0.7706021	-1.29769	0.1777555	0.663797	-2.14226	0.637181	1.28752	1.28752	1.81226	1.202011	0.598374	1
cg10228664	EYS	0.207292	0.984962	0.993125	-1.00692	0.415519	0.737394	-1.35613	0.0278367	0.386142	-2.58972	0.393216	0.726043	-1.37733	0.0317314	0.397876	-2.51335	0.162745	0.570579	-1.72539	0.862455	1.06553	1.06553	0.396012	0.727481	-1.37461	0.143473	0.562459	-1.77791	1.8121	3.8454	1.88628	1
cg02471078	DEAF1	0.2073	0.486633	1.29286	1.29286	0.0437498	0.430703	-2.32178	0.0690214	0.477399	-2.09468	0.848881	1.07178	1.07178	0.600192	1.21189	1.21189	0.176495	0.593243	-1.68565	0.0858648	0.5026582	-1.99329	0.848737	0.932965	-1.07185	0.408809	0.735653	-1.35934	1.81207	3.78983	1.85906	1
cg22325145	KCNJ4;KCNJ4	0.207309	0.262712	0.7994459	-1.25098	0.0574156	0.936116	-1.06855	0.1632774	0.7836836	-1.27596	0.1163742	0.635952	-1.57268	0.0259584	0.3838836	-2.60566	0.365666	0.726847	-1.3756	0.1639013	0.4248118	-2.35167	0.1524471	0.909515	-1.09979	0.7290611	0.373613	1.8203	3.38136	1.65872	1
cg09151429	LPHN1;LPHN1	0.20731	0.625408	0.883159	-1.1323	0.776799	0.93074	-1.07441	0.764066	1.07754	1.07754	0.739384	0.919146	-1.08797	0.362317	1.26675	1.26675	0.38784	1.25046	1.25046	0.00814143	0.4251117	-2.35229	0.442045	0.820409	-1.2189	0.6039335	0.876201	-1.14129	1.8202	1.83018	0.897794	1
cg09151097	TFAP4	0.207312	0.0663812	0.7202772	-2.68263	0.1576313	0.8543	-1.21803	0.1615441	0.9375853	1.07243	0.2865	0.838329	0.838329	0.3928865	0.2277747	-1.593	0.729353	0.8777	-1.13956	0.1988408	0.7706021	-1.29769	0.1777555	0.663797	-2.14226	0.637181	1.28752	1.28752	1.81226	1.202011	0.598374	1
cg12873037	C17orf56	0.207315	0.751547	0.919662	-1.08736	0.720291	1.09945	1.09945	0.32535	1.30706	1.30706	0.60084	1.14935	1.14935	0.0134119	0.446074	-2.24178	0.82923	1.05861	1.05861	0.133008	0.53323	1.53323	0.526864	0.911681	-1.09688	0.774574	1.07865	1.07865	1.812	1.9952	0.978761	1
cg01154232	PLA2G4C;PLA2G4C;PLA2G4C	0.20732	0.118284	0.629563	-1.5884	0.712837	1.10609	1.10609	0.43206	1.24456	1.24456	0.219834	0.703261	-1.42195	0.679847	0.8929351	-1.11988	0.0446259	0.533066	-1.87594	0.492367	1.20956	1.20956	0.13394	0.643374	-1.55431	0.130132	0.640132	-1.56218	1.81197	2.13651	1.0481	1
cg21502603	LIF	0.207362	0.297864	0.8181477	-1.22245	0.151188	0.5495	-1.81965	0.0274555	0.4117795	0.880807	-1.13586	0.5117	0.3134655	0.0127256	0.1662729	-6.01579	0.0170929	0.662284	-1.50993	0.0764154	0.7721676	-1.29504	0.502818	0.914975	-1.09319	0.95323	0.902344	-1.10771	1.81196	0.4926048	0.241677	1
cg08140609	SSU72	0.207325	0.172567	0.427892	-2.33704	0.138704	0.393761	-2.53961	0.167905	0.432003	-2.31418	0.396193	0.185798	1.82472	0.824972	0.0499473	0.270579	-3.69578	0.168742	0.442003	-2.26243	0.115803	0.36804	-2.7171	0.64326	1.31354	1.31354	0.715014	0.806999	-1.23916	1.81195	9.81254	4.81374	1
cg28373338	OGDHL;OGDHL;OGDHL	0.207326	0.913043	1.0289	1.0289	0.0446618	0.675141	1.48044	0.0784704	0.924253	-1.0816	0.4647733	0.954634	1.04728	0.4644259	0.2373773	-4.2496	0.529624	1.09337	1.09337	0.0312261	0.415865	-2.39167	0.1525471	0.909011	-1.10008	0.7290611	0.373613	1.8203	3.38136	1.65872	1
cg13472000	GTF2H4	0.207326	0.85473	0.944966	-1.05824	0.00727109	0.343233	-2.91347	0.72103	0.895168	-1.11711	0.344547	0.740295	-1.35081	0.121454	0.595364	-1.67964	0.445965	0.786666	-1.27119	0.193335	0.6536791	-1.5298	0.874606	0.952393	-1.04999	0.423843	0.777023	-1.28696	1.81195	2.73754	1.34296	1
cg21784030	BAT3;BAT3;BAT3;BAT3	0.207327	0.323945	0.8167711	-1.22453	0.6039745	0.624157	-1.60281	0.1602	0.7169054	-1.39542	0.9576903	0.90604	-1.10378	0.2762366	0.6197704	-1.61349	0.814559	-1.22766	0.8214	-1.21755	0.8243	1.36729	0.2252	1.30243	1.30243	0.1809134	1.07068	1.07068	0.442586	0.85534	-1.16913	0.81494	1.13276	0.5537011	1
cg01605457	MCF2L2	0.207342	0.830462	0.96656	-1.03483	0.882706	0.976724	0.83833	0.970496	0.69592	-1.43753	0.8558153	0.860026	-1.16276	0.700947	0.8107422	-1.06352	0.152935	0.73282	-1.36482	0.0788475	0.5883137	-1.6976	0.840073	1.03277	1.03277	0.0485745	1.15882	1.15882	1.81194	0.7930801	0.358511	1
cg09555455	HLTF;HLTF	0.207327	0.239749	1.72028	1.72028	0.339723	0.648157	-1.54284	0.529556	1.32402	1.32402	0.453092	0.714036	-1.40049	0.112466	0.466971	-2.14146	0.632152	0.808529	-1.23681	0.0166005	0.2754883	-3.62999	0.833633	0.911475	-1.09712	0.532488	0.756826	-1.32131	1.81194	5.57304	2.73398	1
cg25599582	BRD3	0.207328	0.857336	0.960651	-1.04139	0.851203	0.97599	-1.02472	0.9347526	1.14823	1.14823	0.148526	1.10665	1.10665	0.0819102	1.10939	1.10939	0.515856	0.982466	-1.01775	0.8637	0.8241253	-1.21351	0.50867	1.31665	1.31665	0.837733	1.08778	1.08778	1.84212	4.413584	2.36989	1
cg03641520	SREBF1;SREBF1	0.207336	0.402009	1.66739	1.66739	0.795601	2.339	2.339	0.674064	1.28678	1.28678	0.299598	1.89799	1.89799	0.229455	2.12057	2.12057	0.13422	2.61871	2.61871	0.0343596	0.2237387	-4.39778	0.548501	1.43606	1.43606	0.786946	0.850881	-1.17525	1.8119	10.1963	5.02111	1
cg06922186	HOXB3	0.207343	0.135519	2.44883	2.34883	0.0222005	0.233174	-4.28498	0.42199	1.54452	1.54452	0.417818	1.52207	1.52207	0.350535	0.6035511	-1.65697	0.868297	0.915681	-1.09209	0.2907597	0.5358857	-1.78937	0.7795013	1.16218	1.16218	0.526567	0.711124	-1.40622	1.81187	8.08417	3.96603	1
cg18135790	RAB40B	0.207344	0.230952	2.50084	2.50084	0.660941	0.72473	-1.37982	0.0838339	0.266446	-3.75311	0.136658	0.29248	-3.41924	0.0298165	0.2567566	-3.89424	0.623103	0.606748	-1.64924	0.229655	0.2507656	-3.98875	0.5053446	0.535346	0.535346	0.353116	0.201577	0.013157	1.81186	15.2489	7.4908	1
cg02860732	SHISA9;SHISA9	0.207345	0.224659	1.33134	1.33134	0.263877	1.29865	1.29865	0.704514	0.928139	-1.07742	0.214684	1.34057	1.34057	0.49425	1.17515	1.17515	0.271389	1.29295	1.29295	0.024404	1.82503	1.82503	0.0359174	1.72916	1.72916	0.235584	1.3217	1.3217	1.81186	1.4448	0.708811	1
cg05209515	C1QTNF6;C1QTNF6	0.207358	0.2955187	0.6488339	-1.54172	0.0819345	1.35527	1.355527	0.1413362	1.63952	1.63952	0.4604882	1.59984	1.59984	0.0905539	1.6345	1.6345	0.599011	1.12656	1.12656	0.1936911	1.4259745	1.42597	-1.70707	0.4604897	1.64184	1.64184	0.69075	0.2482	-2.52139	1.81183	5.2159	2.87709	1
cg24914077	PGA4	0.207347	0.054153	0.469522	-2.12983	0.46051	1.29683	1.29683	0.061663	0.482815	-2.07119	0.301677	0.6906161	-1.44798	0.175967	0.6078899	-1.64501	0.382371	0.735318	-1.36329	0.916708	0.9644559	-1.03685	0.0508102	0.463139	-2.15918	0.818904	0.923732	-1.08257	1.81185	3.43398	1.6847	1
cg15013299	MFSD8;C4orf29	0.207348	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.52626	1.37926	1.37926	?	?	0.2511	0.215593	1.93818	1.93818	0.0699139	2.86509	2.86509	1.81183	2.57004	2.49757	1
cg14400631	PDE3B;PSMA1	0.207351	0.85793	0.975257	-1.02537	0.852218	1.02642	1.02642	0.467595	1.10888	1.10888	0.598548	1.07712	1.07712	0.599532	1.0769	1.0769	0.615523	0.931647	-1.07337	0.00854028	0.625501	-1.59872	0.599641	1.07687	1.07687	0.373702	1.13619	1.13619	1.81183	0.5610013	0.275234	1
cg24113499	LDLR	0.207353	0.334341	0.85684	-1.16708	0.6689632	1.37136	1.37136	0.0933235	0.750939	-1.33167	0.228685	0.821982	-1.21657	0.443697	0.8858476	-1.12883	0.451371	0.807745	-1.23845	0.140981	1.27851	1.27851	0.742836	1.05242	1.05242	0.989078	0.997878	-1.00213	1.81182	0.6909042	0.33898	1
cg20052933	RASSF2;RASSF2	0.207355	0.297884	0.6884067	-1.46327	0.3554174	0.556747	-1.79562	0.1015074	0.5354746	-1.8675	0.1010774	0.5307663	-1.88408	0.0243107	0.2222122	-4.50027	0.653159	0.852506	-1.17311	0.3780156	0.4563532	-2.19172	0.4243014	0.742326	-1.34686	0.1476	0.5790881	0.742587	1.81181	0.5187507	1.752	1
cg21990184	IRS4	0.207357	0.059082	0.4125245	-2.42398	0.523423	0.764422	-1.30818	0.990059	1.00519	1.00519	0.0444507	0.620862	0.620862	0.065128	0.6793388	-1.47191	0.144187	0.52115	-1.91883	0.310383	0.6445593	-1.54657	0.606642	0.805939	-1.24079	0.842475	0.920668	-1.08617	1.8118	4.95185	2.42943	1
cg02112288	TMEM108;TMEM108	0.207359	0.208826	0.5019	-1.99316	0.0219856	0.152155	-6.56689	0.0487604	0.18929	-5.28478	0.0844128	0.107734	0.107734	0.0247288	0.1990753	-5.02484	0.523024	0.798798	0.798798	0.1443224	0.1796208	0.1596059	-6.26766	0.1443224	0.1796208	0.1596059	-6.26766	0.1443224	0.1796208	0.1596059	-6.26766	1.81178	0.8850161	0.2144	0.0973	1
cg14123712	SGMS1	0.207364	0.239088	0.712518	-1.40347	0.689118	1.11826	1.11826	0.254695	1.38674	1.38674	0.828203	1.06157	1.06157	0.404688	0.7910447	-1.26415	0.203109	0.691178	-1.44681	0.326263	0.7568121	-1.32133	0.609168	1.1523	1.1523	0.027242	2.05112	2.05112	1.81177	2.16875	1.06403	1
cg20509513	TACC2;TACC2;TACC2;TACC2	0.207365	0.182841	0.787687	-1.26922	0.110138	0.364047	-2.7469	0.030704	0.353487	-2.83057	0.0425384	0.329997	1.32997	0.391268	1.66487	1.66487	0.873529	0.911701	-1.09685	0.50274	0.677424	-1.47618	0.187049	0.444169	-2.25139	0.405917	1.63792	1.63792	1.81177	9.66333	4.74101	1
cg23722102	WEE1;WEE1	0.207367	0.327682	0.7966254	-1.25551	0.1693045	1.35527	1.355527	0.1413362	1.63952	1.63952	0.4604882	1.59984	1.59984	0.0905539	1.6345	1.6345	0.599011	1.12656	1.12656	0.1936911	1.4259745	1.42597	-1.70707	0.4604897	1.64184	1.64184	0.69075	0.2482	-2.52139	1.81183	5.2159	2.87709	1
cg01044694	CCDC52	0.207367	0.0539624	0.813527	-1.22922	0.381533	0.918819	-1.08835	0.503052	1.06621	1.06621	0.72126	0.96677	-1.03437	0.856236	0.9830038	-1.01725	0.016428	0.758354	-1.31865	0.484907	1.06924	1.06924	0.491574	0.936223	-1.06812	0.671283	0.960531	-1.04109	1.81176	0.2553348	0.12528	1
cg21646704	IPO4	0.207368	0.048436	0.5021818	-1.98879	0.0915725	1.76204	1.76204	0.143549	0.619252	-1.61485	0.398929	0.768491	-1.30125

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg05899118	LMX1A;LMX1A;LMX1A	0.20753	0.768076	1.092315	1.06315	0.108755	0.694423	-1.44004	0.187131	0.746812	-1.3518	0.567423	0.887191	-1.12715	0.254765	0.781737	-1.2792	0.579813	1.12306	1.12306	0.03505157	1.66309	1.66309	0.4183528	0.842604	-1.1868	0.746072	1.0696	1.0696	1.811	1.22996	0.6036098	1
cg02125528	GART;GART;GART;GART;SON;SON	0.20753	0.0295032	1.3221153	-3.10412	0.2400272	1.72219	1.722219	0.162812	1.93169	1.93169	0.572358	1.28675	1.28675	0.536736	1.31843	1.31843	0.3935576	1.47138	1.47138	0.733449	0.8598	-1.16306	0.5050332	0.741623	-1.34839	0.205723	1.803186	1.803186	1.811	5.60136	2.749311	1
cg23948993	WWC3	0.207536	0.12344	1.338727	-2.95223	0.2684488	2.112118	2.112118	0.830559	0.870208	-1.14935	0.114354	0.04705	3.04705	0.0915286	0.299557	-3.33827	0.154176	0.371719	-2.6902	0.508781	1.54474	1.54474	0.526067	0.659157	-1.51709	0.634651	1.3642	1.3642	1.81097	12.07518	5.92525	1
cg20991801	CDK13;CDK13	0.207754	1.012877	1.012877	1.012877	1.244124	1.1061	1.1061	0.25222	1.10404	1.10404	0.315783	0.917351	-1.08962	0.474387	1.06205	1.06205	0.649617	0.96286	-1.03857	0.306928	0.916186	-1.09147	0.0264126	0.804259	-1.24338	0.327661	1.08721	1.08721	1.81096	0.1964001	0.0964051	1
cg06210384	TMEM194B	0.207541	0.038554	2.090805	-4.76632	0.26112	2.1461	2.1461	0.608966	2.88125	1.28815	0.964737	1.02923	1.02923	0.300424	0.496986	-2.01213	0.887488	0.911883	-1.09663	0.0809751	0.28343	-3.5282	0.419029	0.583896	-1.71263	0.0965258	2.304171	-3.2818	1.81094	12.1775	5.97724	1
cg12782491	CLNS	0.32203	0.856746	-1.16721	0.795557	1.04002	1.04002	0.54994	1.09572	1.09572	0.212753	0.827692	-1.20818	0.147274	0.790544	-1.26495	0.988639	1.00026	1.00026	0.0126779	0.626099	-1.59719	0.237448	0.829404	1.00569	-1.20569	0.875385	1.02322	1.02322	1.81091	0.6555143	0.321565	1
cg02029478	ZNF133;ZNF133	0.207552	0.924819	1.05271	1.05271	0.0539912	0.304094	-3.28846	0.658089	1.27429	1.27429	0.194877	2.10903	2.10903	?	?	?	?	?	?	0.23989	1.95369	1.95369	0.705317	0.813218	-1.22968	0.134641	2.40568	2.40568	1.8105	6.67838	4.16959	1
cg15456536	PLCD3	0.207553	0.0720201	1.701665	-1.42518	0.5608959	1.1036	1.1036	0.554602	1.1082	1.1082	1.167629	0.301624	-1.27938	0.829796	1.03871	1.03871	0.632047	1.08885	1.08885	0.4618171	1.30499	1.30499	0.844847	0.966022	-1.03517	0.0527994	0.678158	1.47458	1.8109	0.8928007	0.4382039	1
cg25549803	MCC;MCC	0.20758	0.263542	0.536439	-1.86414	0.6393445	0.809209	-1.25577	0.693831	0.809439	-1.23542	0.802955	0.613673	1.63673	0.0148033	0.201843	4.95434	0.562573	1.36728	1.36728	0.838936	1.03488	1.03488	1.114488	0.324023	1.59707	0.190889	0.477088	2.09605	1.81088	8.1891	4.01971	1
cg21338135	CGGBP1;CGGBP1	0.207562	0.24476	0.808069	-1.23752	0.923904	1.01687	1.01687	0.321945	0.835933	-1.19627	0.586451	1.10098	1.10098	0.521219	1.12061	1.12061	0.042742	1.50457	1.50457	0.0653996	0.696124	-1.43653	0.46129	1.14038	1.14038	0.621194	0.916457	-1.09116	0.81086	0.8797039	0.4318834	1
cg20577049	TMEM52	0.207565	0.345876	1.1965153	-1.78408	0.350219	0.590362	-1.69388	0.519028	1.43089	1.43089	0.153481	0.432715	-1.31099	0.202019	2.0925	2.0925	0.118067	0.394495	-2.53489	0.198826	2.10474	2.10474	0.623402	0.762417	-1.31162	0.161571	2.26897	2.26897	1.81065	8.61468	4.22915	1
cg09434603	SLC9A3	0.207607	0.115293	4.06233	4.062331	0.296485	2.42591	2.425911	0.127071	3.86106	3.86106	0.511251	0.579560	-1.72542	0.317148	0.444795	-2.24823	0.0719422	5.17887	5.17887	0.06795	5.33196	5.33196	0.449134	1.88032	1.88032	0.424045	1.95117	1.95117	1.81065	19.2206	9.43583	1
cg00546808	DNAJC8	0.207611	0.86238	1.020658	1.020658	0.3036276	0.878119	-1.1888	0.142477	1.14247	1.14247	0.763212	1.16402	-1.24375	0.567532	0.916354	-1.09128	0.914925	1.09372	1.09372	0.759483	1.16569	1.16569	0.944142	0.862229	-1.15979	0.0384048	0.808935	1.23482	1.81065	0.6555458	0.321881	1
cg04198091	NR62;NR62;NR62;NR62	0.207612	0.701282	1.20605	1.20605	0.0780946	2.58977	2.58977	0.461255	1.43995	1.43995	0.426814	0.674076	-1.48351	0.781114	0.873363	-1.145	0.428628	1.48113	1.48113	0.634512	0.792316	-1.26212	0.618007	0.783187	-1.27683	0.0163059	4.16882	4.16882	1.81063	6.77595	3.32651	1
cg07037112	FGF8;FGF8;FGF8;FGF8;FGF8	0.207612	0.112349	2.471645	2.471645	0.6760698	1.50913	1.50913	0.368982	1.82684	1.82684	0.241155	1.90072	1.90072	0.130607	2.35021	2.35021	0.0454918	3.32207	3.32207	0.154389	2.3266	2.3266	0.0176608	2.8261	2.8261	0.109532	2.49238	2.49238	1.81062	7.81643	3.85896	1
cg09385977	FAM173A	0.207618	0.109785	0.493648	-2.02574	0.7510588	1.13756	1.13756	0.807749	1.10376	1.10376	0.862844	0.932376	-1.07253	0.145477	0.531018	-1.88317	0.379788	0.694305	-1.44029	0.0225568	0.330389	-3.02216	0.0722868	0.44386	-2.25296	0.404501	0.707936	-1.41256	1.8106	4.70225	2.30851	1
cg08331829	MXS1;MXS1	0.207627	0.979449	0.959192	-1.04254	0.34862	4.79577	4.79577	0.895549	0.808578	-1.23674	0.532135	2.78868	2.78868	0.552327	0.377509	-2.64895	0.0150268	0.00675466	-148.046	0.876828	0.7780994	-1.28519	0.537676	2.7493	2.7493	0.110965	0.0580493	-17.2268	1.88542	76.4803	31.5498	1
cg02129014	ST3GAL1;ST3GAL1	0.207633	0.0779337	1.163762	-1.49127	0.4139776	1.37473	1.37473	0.716767	0.737442	-1.3555	0.737442	1.35457	-1.3955	0.0316189	0.7977974	-1.25362	0.454376	1.40104	-1.40104	0.0178325	0.151108	-6.61778	0.150675	0.221842	-4.50731	0.0225194	0.344402	-2.87025	1.82514	4.50772	2.22722	1
cg21032203	ZRANB2;ZRANB2	0.207631	0.493476	1.16001	1.16001	0.137015	1.45532	1.45532	0.5297	1.14429	1.14429	0.040923	0.603309	-1.67553	0.151897	1.38769	1.38769	0.567764	0.884036	-1.13118	0.399812	0.831968	-1.20197	0.350727	1.22752	1.22752	0.780054	1.06157	1.06157	1.81054	1.30628	0.641321	1
cg22446641	CDQA;TRUB2	0.207634	0.396643	1.195664	1.195664	0.3230296	1.42641	1.42641	0.271871	1.42641	1.42641	0.188508	1.78178	1.78178	0.218939	1.78178	1.78178	0.0870581	1.6491	1.6491	0.0966254	1.66703	1.66703	0.0227351	1.60274	1.60274	0.0229788	1.60274	1.60274	1.81052	1.09036	0.4811264	1
cg07178145	GNAI1	0.207638	0.0283805	1.339671	-2.94403	0.739497	0.870002	-1.14942	0.340238	1.50706	1.50706	0.50908	0.75615	-1.32249	0.0520911	0.397682	2.51457	0.483793	1.740373	-1.34576	0.503765	1.32729	1.32729	0.204736	0.572107	-1.74793	0.952941	1.02493	1.02493	1.8105	4.99361	2.45168	1
cg17432135	SYS1;SYS1-DBNDD2	0.207641	0.603348	1.10335	1.10335	0.828746	0.96017	-1.04148	0.914868	0.980137	-1.02027	0.603896	1.10318	1.10318	0.030461	1.61152	1.61152	0.0866187	1.42623	1.42623	0.611266	0.908308	-1.10095	0.0964425	0.710203	-1.40805	0.857128	1.03439	1.03439	1.81049	1.00941	0.495587	1
cg16575194	GPRIN3	0.207643	0.957591	1.044158	1.044158	0.3380629	2.25338	2.25338	0.758439	1.08518	1.08518	0.896163	0.882739	-1.13312	0.0206126	2.0125	2.0125	0.0228152	2.11854	2.11854	0.0415965	2.47222	2.47222	0.0129754	2.41188	2.41188	0.0191288	2.97282	2.97282	1.81048	2.262997	1.43754	1
cg25368917	FAM101A	0.207644	0.0920488	0.0793546	-12.6017	0.218849	0.170861	-5.85272	0.189676	0.149861	-6.67287	0.337094	0.258673	-3.86589	0.0219195	0.0233615	42.8056	0.519169	0.409485	-2.44209	0.106824	0.0902193	-11.0841	0.0728812	0.0649875	-15.3876	0.276638	0.213092	-4.69281	1.81048	53.5271	26.2802	1
cg04098898	RNF2	0.207645	0.293845	2.471645	2.471645	0.760698	0.52283	-1.91267	0.878459	0.930513	-1.07468	0.378978	0.647975	-1.54302	0.0184662	0.225749	-4.42883	0.134069	0.463837	-2.15593	0.274982	0.582738	-1.71604	0.0812709	0.0988718	-10.1147	0.0428431	0.242789	-4.11951	1.81047	6.64209	3.18255	1
cg24632920	MSRA;MSRA;MSRA PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.207648	0.0457185	0.103952	-9.6198	0.87559	0.856551	-1.16747	0.734251	1.40039	1.40039	0.296729	0.343273	-2.91313	0.0608933	0.123949	8.06781	0.193483	0.256698	-3.89563	0.11172	0.186035	-5.37535	0.121121	0.189931	-5.26508	0.123663	0.192404	-5.1974	1.81046	28.006	13.7502	1
cg02129855	PRKAR1B;PRKAR1B	0.207649	0.193815	0.705763	-1.41691	0.0892006	1.60813	1.60813	0.483973	0.835025	-1.19757	0.64459	0.88893	-1.12495	0.459423	1.21037	1.21037	0.442345	1.21963	1.21963	0.0421254	0.552395	-1.8103	0.272503	0.748641	-1.33575	0.879639	1.03916	1.03916	1.81045	1.84218	0.904465	1
cg27107150	TPSG1	0.207649	0.585617	0.783208	-1.2768	0.3353851	2.96655	2.96655	0.0440114	0.358005	-2.79325	0.521901	1.3339	1.3339	0.672655	1.20759	1.20759	0.31343	1.59172	1.59172	0.673268	1.20713	1.20713	0.845624	0.917115	-1.09038	0.584349	0.782548	-1.27788	1.81045	5.64894	2.77349	1
cg18737351	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.207651	0.990503	1.009596	1.009596	0.2310228	2.67571	2.67571	0.0615041	0.360235	-2.77599	0.160226	1.00226	1.00226	0.0321277	1.00466	1.00466	0.663139	1.50224	1.50224	0.342057	1.497	1.497	0.156649	0.490596	-2.00563	0.853215	0.918438	1.08888	1.81044	0.670558	0.290071	1
cg03721281	PTRF	0.207655	0.250756	1.88282	1.88282	0.0922584	2.65673	2.65673	0.246644	1.8942	1.8942	0.2987	1.76466	1.76466	0.168125	2.16947	2.16947	0.53539	1.3923	1.3923	0.020566	4.35342	4.35342	0.304375	1.75218	1.75218	0.050596	2.32691	2.32691	1.81043	7.97174	3.91399	1
cg05011838	BCL11B;BCL11B	0.207657	0.345098	2.24961	2.24961	0.295135	0.404065	-2.47485	0.794618	1.30459	1.30459	0.107541	0.274721	-3.64005	0.0101206	4.32477	4.32477	?	?	?	0.062599	5.8809	5.8809	0.860494	1.15723	1.15723	0.325915	2.3303	2.3303	1.8932	17.9739	8.30718	1
cg27327357	MYST1;MYST1	0.207662	0.123492	1.2111	1.2111	0.636746	0.135345	-1.60046	0.148942	1.64827	1.64827	0.0116	0.016983	2.10525	0.0041052	2.31353	2.31353	0.121888	1.91284	1.91284	0.0116	2.01725	2.01725	0.0159092	2.01733	2.01733	0.0116	2.01733	2.01733	1.81038	0.758728	0.372533	1
cg03937368	DNAJB6	0.207668	0.218737	0.785823	-1.27255	0.699831	1.07485	1.07485	0.109098	0.722122	-1.38481	0.137941	0.763748	-1.30933	0.746416	0.941336	-1.06232	0.208511	0.781105	-1.28024	0.1278	1.35904	1.35904	0.0704556	0.68611	-1.45749	0.3457	1.83447	-1.19835	1.81036	0.9954418	0.48875	1
cg00229387	TIAP1;TIAP1;TIAP1;TIAP1;TIAP1;TIAP1	0.207669	0.081002	0.345504	-2.89432	0.487445	0.678733	-1.47333	0.838993	1.11824	1.11824	0.793098	0.865547	-1.15534	0.0844951	0.350558	-2.85259	0.184138	0.461211	-2.1682	0.0472845	0.287428	3.47913	0.0532241	0.209265	-3.34151	0.262785	0.526588	-1.89902	1.81036	8.65149	4.24789	1
cg03790904	C16orf42;GNPTG	0.207669	0.619156	0.934214	-1.06766	0.864319	1.00586	1.00586	0.877463	0.991427	-1.00865	0.930969	1.34024	1.34024	0.181515	1.20362	1.20362	0.0325597	0.721166	-1.38604	0.999048	1.00074	1.00074	0.978661	0.947019	-1.05595	0.0694795	1.30384	1.30384	1.81036	0.4688526	0.240358	1
cg08440069	FLNB;FLNB;FLNB;FLNB	0.207678	0.321691	0.679654	-1.47126	0.8388883	0.392458	-2.54804	0.730005	0.874869	-1.14303	0.454263	0.913881	-1.09416	0.0239691	0.537323	2.70707	0.113872	0.514937	-1.94198	0.383512	0.708359	-1.41171	0.647882	0.713997	-1.40127	0.0753966	0.744324	-1.34357	1.81033	4.26882	2.09605	1
cg25673598	EPN2;EPN2;EPN2	0.20768	0.385322	1.53251	1.53251	0.564785	2.81727	2.81727	0.69814	0.829483	-1.20557	0.109911	2.30672	2.30672	0.187511	1.95422	1.95422	0.192613	1.93756	1.93756	0.965124	1.02119	1.02119	0.0258173	3.5591	3.5591	0.581947	1.30566	1.30566	1.81031	6.59637	3.23892	1
cg01257935	CNOT8	0.208401	0.854801	1.170205	1.170205	0.3525171	1.0163	1.0163	0.664351	1.15772	1.15772	0.242683	1.23827	1.23827	0.184591	1.28435	1.28435	0.775272	1.807425	1.23851	0.4777355	1.582788	-1.71588	0.0494372	1.55444	1.55444	0.0479157	1.56687	1.56687	1.81031	1.44544	1.38243	1
cg20405017	CA10;CA10;CA10;CA10	0.207688	0.944281	1.01262	1.01262	0.753907	1.05804	1.05804	0.768627	0.948459	-1.05434	0.901126	0.97795	-1.02255	0.271357	0.81431	-1.22803	0.251934	1.806787	-1.23948	0.00730922	0.5377	-1.85977	0.801614	1.0462	1.0462	0.626794	1.09188	1.09188	1.81027	0.9226607	0.453023	1
cg01506497	DHX2C;CD46;CD46;CD46

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg22750155	STMN2	0.207885	0.286204	1.68015	1.68015	0.152243	2.05132	2.05132	0.557228	1.32064	1.32064	0.330647	1.60044	1.60044	0.177631	1.95656	1.95656	0.249671	0.569137	-1.75705	0.0449546	0.347716	-2.87591	0.571272	0.764867	-1.30742	0.85116	0.915758	1.09199	1.80936	6.28869	3.28995	1
cg26720427	PICALM;PICALM	0.207888	0.199275	1.38929	1.38929	0.991904	0.997544	-1.00246	0.393453	1.23604	1.23604	0.833013	0.950105	-1.05252	0.891288	0.967393	1.03371	0.01710148	0.494309	-2.02302	0.884117	1.03599	1.03599	0.399419	1.2326	1.2326	0.183177	1.40829	1.40829	1.80935	1.68407	0.827341	1
cg15642534	CAMTA1	0.207891	0.634134	1.0834	1.0834	0.950071	1.01052	1.01052	0.99095	1.0019	1.0019	0.986076	1.00292	1.00292	0.345254	0.850097	-1.17634	0.90591	1.01995	1.01995	0.551431	1.10591	1.10591	0.0362128	1.50214	1.50214	0.0192728	1.60469	1.60469	1.80934	0.7982	0.392938	1
cg13937294	GBA;GBA;GBA;GBA	0.207894	0.853521	0.971409	-1.02943	0.955708	1.00857	1.00857	0.0738873	0.731491	-1.36707	0.0534816	1.40091	1.40091	0.455605	0.8875097	-1.12667	0.428031	0.880735	-1.13574	0.0650793	0.723436	-1.38229	0.653089	0.931451	-1.07359	0.81698	1.03705	1.80932	0.705886	0.346789	1
cg23654133	PET112L	0.207897	0.353466	0.854133	-1.17078	0.505112	0.894327	-1.11816	0.248168	0.819245	-1.22064	0.926868	0.10528	1.10528	0.248508	0.9409578	1.22473	1.22473	0.179234	0.790082	-1.26569	0.0341271	1.50428	1.50428	0.0899755	0.997737	-1.00237	0.27304	1.20731	1.80931	0.781533	0.383956	1
cg14418690	GPSM1;GPSM1;GPSM1;LOC26102	0.207911	0.478172	1.17704	1.17704	0.100014	1.50968	1.50968	0.0680187	1.58619	1.58619	0.27341	1.7726133	1.7726133	0.291942	1.762709	-1.31112	0.651534	1.10838	1.10838	0.149407	0.7047791	-1.41888	0.77702	0.9377758	-1.06637	0.4540133	1.18841	1.18841	1.80924	1.46789	0.72718	1
cg02280912	ZNF814	0.207912	0.812445	1.04469	1.04469	?	?	?	0.0589259	1.48039	1.48039	0.078668	0.698238	-1.43218	0.33193	0.831853	-1.20214	0.284102	0.814924	-1.22711	0.203453	0.7812266	-1.28004	0.845518	1.03653	1.03653	0.698919	1.0741	1.0741	1.81812	0.8658808	0.476212	1
cg24787157	RPL9;RPL9	0.207915	0.488707	0.622152	-1.60732	0.791467	0.836378	-1.19577	0.0813592	0.275578	-3.68218	0.520927	1.55117	1.55117	0.541324	1.53777	1.53777	0.119408	0.319871	-3.13626	0.0147667	0.166665	-6.07394	0.560551	1.48748	1.48748	0.613358	0.709087	-1.41026	1.80922	13.0442	0.40873	1
cg05276066	HDGFL1	0.207915	0.413976	0.864453	-1.1568	0.721804	1.06334	1.06334	0.185292	1.27766	1.27766	0.213232	1.24616	1.24616	0.879889	1.02672	1.02672	0.59267	1.09876	1.09876	0.0209874	1.76364	1.76364	0.574687	1.10395	1.10395	0.207575	1.25943	1.25943	1.80922	0.8716997	0.424273	1
cg01996292	SPRS6	0.207916	0.102214	0.67993	-1.47074	0.406601	0.832671	-1.20095	0.17867	0.734784	-1.36094	0.815746	1.05164	1.05164	0.376867	1.21603	1.21603	0.400137	0.830464	-1.20415	0.0164844	0.531543	-1.88131	0.471399	0.853835	-1.17119	0.878164	1.03364	1.80922	1.33305	0.654943	1
cg01344533	SIK2	0.207919	0.798878	1.1022	1.1022	0.118123	0.923854	-1.08305	0.0290505	0.728355	-1.37264	0.0642164	1.28196	1.28196	0.0591351	1.18432	1.18432	0.429953	0.736414	-1.3581	0.0402148	0.551886	-1.81403	0.470239	0.911815	-1.09722	0.9591	1.11815	0.213251	1.64792	1.80921	4.16152	2.60462	1
cg26177760	BAT1;BAT1	0.207922	0.0801878	0.427856	-2.33723	0.935427	1.03608	1.03608	0.0582145	2.5504	2.5504	0.779027	0.884235	-1.13092	0.148048	0.507278	1.97131	0.93417	0.964512	-1.03679	0.108285	0.464733	-2.15177	0.835687	0.913164	-1.09509	0.33959	0.650185	-1.53802	1.80919	5.48146	2.69314	1
cg16988810	VARS; GABPB1;GABPB1;FU10038;GABPB1;GA	0.207923	0.432112	0.802787	-1.24566	0.292815	0.741549	-1.34853	0.0522135	1.83127	1.83127	0.595653	1.15805	1.15805	0.399567	0.78956	-1.26653	0.547785	0.846494	-1.18134	0.0430706	0.528475	-1.89224	0.343037	0.765182	-1.30688	0.827995	1.06143	1.06143	1.80919	2.15099	1.05682	1
cg03369250	BPB1;LOC100129387;GABPB1	0.207925	0.597328	0.869018	-1.15072	0.180514	1.45426	1.45426	0.892792	0.965112	-1.03615	0.293085	1.33274	1.33274	0.518718	0.841735	-1.18802	0.774141	1.07872	1.07872	0.429221	1.2368	1.2368	0.0263365	0.499706	-2.00118	0.15255	0.667954	-1.49711	1.80918	1.98727	0.976385	1
cg26514099	SYNGAP1	0.207932	0.0910008	0.64096	-1.56016	0.208041	1.38585	1.38585	0.0630897	1.64784	1.64784	0.618421	1.32746	1.32746	0.215777	0.731321	-1.36759	0.0666147	0.57614	-1.73576	0.0134253	0.1005	1.25523	1.25523	0.34188	1.2918	1.2918	0.0482614	0.622759	0.888284	-1.12577	1.80915	1.63547	0.803555	1
cg02656561	C7orf50;C7orf50;C7orf50	0.207934	0.646481	1.20873	1.20873	0.653445	1.20384	1.20384	0.70896	1.16638	1.16638	0.641685	1.21212	1.21212	0.950901	0.97504	-1.0256	0.00732472	0.241911	-4.13375	0.739507	0.871992	-1.1468	0.865753	1.07192	1.07192	0.251771	0.611731	-1.63471	1.80914	4.82788	2.3721	1
cg16604218	EIF3B;EIF2B3	0.207943	0.121256	0.97759	-1.02791	0.444088	1.26994	1.26994	0.660643	1.14489	1.14489	0.513012	1.21334	1.21334	0.147647	0.621388	-1.6093	0.301558	0.720488	-1.38795	0.0287353	0.453798	-2.20362	0.362841	0.699302	-1.42981	0.197083	0.728503	-1.37268	1.80909	2.68773	1.3206	1
cg18134102	TRIM39;HCG18;HCG18;TRIM39	0.207945	0.7403837	0.9290561	-1.07636	0.112984	1.97866	1.97866	0.113652	1.42136	1.42136	0.79509	0.55881	-1.05881	0.641376	1.18026	1.18026	0.0666147	1.57614	1.57614	0.753623	1.07213	1.07213	0.441776	1.02033	-1.03068	0.76406	1.06886	1.06886	1.80909	1.4021	0.688017	1
cg00213967	CAND2;CAND2	0.207946	0.0553476	30.8622	30.8622	0.679327	1.9043	1.9043	0.400928	0.262935	-3.80322	?	?	?	?	?	?	0.845877	0.739818	-1.35168	0.999377	0.998791	-1.00121	?	?	?	0.0610533	27.9423	27.9423	1.91269	47.3875	28.9046	1
cg13607316	TDP1;TDP1;C14orf143	0.207949	0.2644848	0.803287	-1.65594	0.135774	2.24499	2.24499	0.0620878	0.624478	0.800745	-1.23854	0.543894	0.76615	-1.30523	0.438335	0.709795	-1.40886	0.0115944	0.254495	-3.92955	0.456189	0.823421	-1.21445	0.644671	0.817613	-1.22307	0.758334	0.874649	-1.14312	1.80907	5.38717	2.647	1
cg03835292	LGALS2	0.207953	0.222099	0.701048	-1.42643	0.900865	0.960694	-1.0351	0.0466374	0.532271	-1.87874	0.973472	0.900838	-1.00925	0.121809	1.59077	1.59077	0.186372	1.47365	1.47365	0.208918	1.44286	1.44286	0.561285	0.986654	-1.01353	0.542741	0.843214	-1.18594	1.80905	2.19502	1.07854	1
cg22673901	CHST11	0.207953	0.726651	1.23013	1.23013	0.419641	1.64228	1.64228	0.0878381	1.18587	1.18587	0.0206563	1.85105	1.85105	0.0207487	1.62842	1.62842	0.0266147	1.52373	1.52373	0.153253	1.4815	1.4815	0.0307551	0.834574	-1.19877	0.665678	1.16246	1.16246	1.80905	3.40353	1.64097	1
cg11500788	FZD3	0.207955	0.200448	0.447369	-2.23529	0.532687	0.68669	-1.45626	0.62696	1.33475	1.33475	0.901829	1.07616	1.07616	0.0860843	0.323652	0.108974	0.196938	0.444237	-2.25105	0.0132609	0.161124	-6.2064	0.544458	0.6942487	-1.44033	0.42266	0.614338	-1.62766	1.80904	10.1363	4.98055	1
cg01135933	TGM3	0.207964	0.126292	0.33374	-2.99635	0.648686	1.3557	1.3557	0.901446	0.921093	-1.08567	0.694338	0.769487	-1.29957	0.298703	0.489368	-2.04345	0.27004	0.24251	-4.12451	0.0950387	0.296102	-3.37134	0.409357	0.0238486	-4.90712	0.181771	0.390472	-2.561	1.809	12.6111	6.19675	1
cg02330474	MAPKBP1;MAPKBP3	0.207965	0.2806062	0.763494	-1.31014	0.373641	1.64228	1.64228	0.387881	1.15269	1.15269	0.0818657	1.83655	1.83655	0.115787	0.582472	-1.71642	0.636604	0.69525	-1.43844	0.0779581	0.623756	-1.60348	0.607482	0.65325	-1.53054	0.0377941	0.539077	-1.85439	0.762736	-0.87988	0.725252	1.66945	1.809	0.376538	1.16468	1
cg00053393	MGC45800	0.207965	0.0504359	4.30885	4.30885	0.249393	2.20041	2.20041	0.222539	2.31581	2.31581	0.41186	1.7327	1.7327	0.179384	2.5454	2.5454	0.260809	2.1561	2.1561	0.103229	3.21419	3.21419	0.0302009	5.31012	5.31012	0.0994667	3.26393	3.26393	1.80899	12.2957	6.04175	1
cg08888078	PRKAR1B;PRKAR1B;PRKAR1B	0.207965	0.1939682	1.29202	1.29202	0.17643	1.938187	1.938187	0.29564	0.838347	2.59545	0.0337758	0.38545	2.59437	0.0325893	0.6143	0.6143	0.0107531	0.0371186	2.11204	-11.4786	0.45446	0.561145	-1.78207	0.0460201	0.599019	0.50614	0.0107531	0.0371186	1.80899	16.4752	8.09547	1
cg09963856	LGMN;LGMN	0.207966	0.445444	0.648176	-1.54279	0.0797233	0.338232	2.95655	0.0578725	0.302611	-3.30457	0.493976	1.47286	1.47286	0.515273	0.6922267	1.4453	0.57699	0.730429	-1.36906	0.356023	0.588063	-1.69761	0.102703	2.7056	2.7056	0.566326	1.38147	1.38147	1.80899	0.90307	0.43742	1
cg27118968	C3orf57	0.207966	0.591499	0.09136	1.09136	0.700897	0.939615	-1.06427	0.627617	1.08208	1.08208	0.0754713	1.37624	1.37624	0.141324	1.29081	1.29081	0.58954	1.09188	1.09188	0.0346975	0.67211	-1.48785	0.359997	1.16402	1.16402	0.998808	0.999759	-1.00024	1.80899	0.746155	0.36664	1
cg10162209	ATN1;ATN1	0.207973	0.1396827	1.14099	1.14099	0.375041	1.69113	1.69113	0.162289	1.23986	1.23986	0.0249486	1.60449	1.60449	0.0245198	1.14171	1.14171	0.563413	1.09815	1.09815	0.421502	1.31673	1.31673	-2.65448	0.648669	0.7911	1.30885	0.408878	0.609188	-1.64153	1.80896	0.963397	0.484077	1
cg03234661	SLC10A1	0.207976	0.9646658	1.01538	1.01538	0.402043	1.3453	1.3453	0.200805	0.627864	-1.5927	0.80973	0.920267	-1.08664	0.572952	0.476745	2.09756	0.102047	0.537775	-1.85951	0.140897	1.7061	1.70651	0.218383	0.640204	-1.562	0.413382	0.749722	-1.33383	1.80894	3.39954	1.67049	1
cg04556126	ZIC4;ZIC4;ZIC4;ZIC4;ZIC4;ZIC4	0.207977	0.5252343	1.08353	1.08353	0.662386	1.84286	1.84286	0.0467773	1.36519	1.36519	0.308306	1.35653	1.35653	0.217806	0.948379	-1.05462	0.218723	1.30155	1.30155	0.15749	1.34498	1.34498	0.482496	0.970742	1.03093	0.964193	0.544076	1.83844	1.83844	1.80891	1.58321	0.744067	1
cg04012681	ADARB2	0.207978	0.795685	0.820688	-1.21849	0.159398	1.14289	1.14289	0.840477	0.857719	-1.16588	0.907023	1.09306	1.09306	0.0509016	0.183846	3.43934	0.0933631	0.245239	-4.07766	0.0829716	0.231791	-4.31424	0.669354	1.387	1.387	0.421359	0.534973	-1.86925	1.80893	16.6154	8.16461	1
cg08090690	PITX2;PITX2	0.207981	0.552229	0.916925	-1.0906	0.885868	1.02093	1.02093	0.713042	0.948119	-1.05472	0.103256	0.77335	-1.29308	0.848031	1.02806	1.02806	0.536429	0.969152	-1.03185	0.0902494	0.418812	-2.38801	0.0238485	0.0239083	-4.18157	0.0422912	-2.0333	0.457085	0.693599	-1.44212	1.80891	0.695944	0.327758	1
cg19040667	PLCL1	0.207988	0.487083	0.879196	-1.1374	0.335525	1.19851	1.19851	0.0425975	1.53064	1.53064	0.710936	0.934376	-1.07023	0.313611	1.20929	1.20929	0.698593	0.931508	-1.07353	0.120472	1.35947	1.35947	0.349243	0.802853	-1.24556	0.138557	1.33743	1.33743	1.80889	0.952509	0.468064	1
cg08839759	POLL;RPI1-529I10.4;POLL	0.207988	0.9893317	1.00158	1.00158	0.979737	1.24337	1.24337	0.0638778	1.26201	1.26201	0.978056	1.00326	1.00326	0.110488	1.13204	1.13204	0.760769	1.03675	1.03675	0.127973	1.22162	1.22162	0.316847	0.822622	-1.21468	0.0614303	0.688	0.688	1.80889	1.14599	0.595437	1
cg22261030	SFRS1;SFRS1	0.207990	?	?	?	0.253817	0.220155	-4.54225	0.388122	0.326243	-3.0652	0.242524	0.211432	-4.72606	0.0380754	0.0448293	-22.3068	0.436159	0.365939	-2.7327	0.975941	1.03878	1.03878	0.33155	0.282438	-3.5406	0.0781202	0.743074	0.94049	0.94049	1.80149	11.4888	19.1926	1
cg21673240	CHST3; SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.207993	0.576496	0.87702	-1.14023	0.0638548	1.6233	1.6233	0.740335	1.08042	1.08042	0.55664	1.14829	1.14829	0.92824	1.02117	1.02117	0.112679	0.669254	-1.4942	0.140475	1.44597	1.44597	0.916054	0.975777	-1.02482	0.104826	0.662164	-1.5102	1.80886	1.54953	0.761451	1
cg27566947	C12orf36	0.207994	0.0743287	0.332689	-3.00581	0.0708288	0.327195	-3.05628	0.493137	0.609166	-1.47239	0.261565	1.9117	1.9117	0.813642	0.877482	-1.13962	0.296342	1.82086	1.82086	0.58053	0.7342331	-1.36197	0.0782321	0.338628	-2.95309	0.531529	0.704144	-1.42016	1.80886	8.77588	4.31254	1
cg03387585	KIRREL3;KIRREL3	0.207995	0.366225	1.17	1.17	0.0626579	0.606322	1.45535	0.0382	0.676558	1.47683	0.0706458	0.642467	1.55653	0.0442	0.6642	1.5063	0.664269	1.4041	1.4041	0.0475631	0.438487	2.27563	0.0144856	0.65604	-1.52436	0.0385	0.674871	-1.48046	1.80886	4.13041	2.28886	1
cg23203730	MAD1L1;MAD1L1;MAD1L1	0.207999	0.0473648	0.644805	-1.55086	0.781203	1.05533	1.05533	0.102764	0.708023	-1.41238	0.331394	1.2139	1.2139	0.238072	0.787389	-1.27002	0.635324	1.09681	1.09681	0.416379	1.17429	1.17429	0.24851	0.7919	-1.26279	0.180091	0.759309	-1.31699	1.80884	1.07175	0.526675	1
cg12477156	ISF2BP1;ISF2BP1	0.208001	0.64335	0.9825	-1.0182	0.423423	1.51559	1.51559	0.132894	1.57894	1.57894	0.0296974	1.7617	1.7617	0.0678373	1.72785	1.72785	0.126215	1.58121	1.58121	0.0307902	1.96731	1.96731	0.0298981	1.97274	1.97274	0.88234	1.04187	1.04187	1.80883	2.22016	1.08102	1
cg24183484	GGN	0.208006	0.271172	1.28658	1.28658	0.0804657	0.652801	1.51186	0.197919	0.744205	1.34321	0.0613	0.743977	1.34453	0.0613	0.7425	1.3465	0.622098	1.11547	1.11547	0.150509	0.7125	-1.40351	0.390473	0.824023	-1.21356	0.124092	0.503289	1.9857	1.9857	1.80883	1.3851	0.698316	1
cg02650667	APBB2;APBB2;APBB2	0.208006	0.166665	0.567548	-1.76197	0.107721	0.509521	-1.96263	0.839202	1.08117	1.08117	0.727797	1.14365	1.14365	0.459261	0.748666	-1.33571	0.237581	0.35461	-2.82	0.351787	1.44498	1.44498	0.894696	1.05219	1.05219	0.200741	0.595048	-1.68054	1.80881	4.22728	2.07738	1
cg09364756	WTAP;WTAP;WTAP;WTAP	0.208007	0.4293562	1.17394	1.17394	0.160382	1.60382	1.60382	0.153813	1.37682	1.37682	0.25645	1.3677	1.3677	0.240153	1.2647	1.2647	0.0931324	1.19871	1.19871	0.0225905	1.48704	1.48704	0.0446284	1.92216	1.92216	0.109076	1.61766	1.61766	0.227132	1.28907	1.80879	1.14884	0.56457	1
cg02136620	RUFY1;RUFY1;RUFY1	0.208008	0.426595	1.24372	1.24372	0.531795	0.843524	-1.1855	0.0140581	2.2582	2.2582	0.688141	1.1145	1.1145	0.210631	1.42533	1.42533	0.640989	1.13449	1.13449	0.241051	1.39062	1.39062	0.68394	1.11624	1.11624	0.231666	0.713868	-1.40082	1.80879	0.20799	0.101627	1
cg00562118	PDE6B;PDE6B	0.208012	0.331286	0.547241	-1.82702	0.0899971	3.46582	3.46582	0.0513	0.879923	0.916459	-1.09116	0.194346	2.53883	0.53883	0.388242	0.600288	-1.66587	0.0707727	0.01956	-3.20665	0.571892	0.837022	-1.19471	0.637654	0.760495	-1.31493	0.88278	0.954332	0.954332	1.80879	9.54132	4.6889	1
cg22235080	TCF7L1	0.208014	0.0833539	0.380528	-2.62792	0.969897	1.0192	1.0192	0.0812	0.855766	0.868326	-1.64386	0.98124	1.0119	0.0160273	0.564887	-1.41527	0.401229	0.649748	-1.53906	0.318004	0.425026	-2.3528	0.932582	0.934707	-1.07054	0.243677	0.461862	-2.07524	1.80877	7.27874	3.57701	1
cg13506325	TMOD1;TMOD1	0.208021	0.546378	0.728671	-1.37236	0.164243	2.15884	2.15884	0.0941994	2.59633	2.59633	0.347945	1.65052	1.65052	0.60987	1.30584	1.30584	0.91986	0.949155	-1.05357	0.014461	4.77153	4.77153	0.233244	1.91189	1.91189	0.807887	1.13464	1.13464	1.80874	7.70231	3.78523	1
cg14179217	FNBP1L;FNBP1L;FNBP1L;FNBP1;FNBP1	0.208022	0.79694	1.06736	1.06736	0.161932	0.685523	-1.45874	0.231553	0.728145	-1.37335	0.308188	1.30561	1.30561	0.342072	1.28081	1.28081	0.533329	1.17294	1.17294	0.0396647	0.548019	-1.82475	0.644471	0.889157	-1.12466	0.221125	1.38429	1.38429	1.80873	1.83111	0.899888	1
cg17343451	AP2M1;AP2M1	0.208025	0.8170031	0.952349	-1.05004	0.339916	1.2312	1.2312	0.59319	0.892631	-1.12028	0.490082	1.15913	1.15913	0.497982	1.1943	1.1943	0.831878	0.956208	-1.0458	0.0288587	1.17084	1.17084	0.418477	1.18111	1.18111	0.0628683	0.643512	-1.55397	1.80872	1.72997	0.624613	1
cg22353097	SC22A15	0.208025	0.839997	0.876911	-1.14037	0.449155	1.65057	1.65057	0.956307	0.965026	-1.03624	0.369381	1.8192	1.8192	0.680883	0.618964	-1.6156	0.266934	2.12019	2.12019	0.0490387	4.30627	4.30627	0.034003	0.528661	0.52861	0.111117	1.08864	1.08864	1.80872	12.0938	5.94345	1
cg03216729	SOLH	0.208026	0.582093	0.880623	-1.13556	0.0724058	1.58175	1.58175	0.742691	0.927421	-1.07826	0.796255	0.942537	-1.06097	0.0235094	0.538594	-1.85669	0.78832	0.940305	-1.06348	0.262143	1.3066	1.3066	0.521335	1.16029	1.16029	0.780857	1.06587	1.06587	1.80871	1.49854	0.736453	1
cg24496349	TCTEL1;TCTEL1;TCTEL1	0.208031	0.0545326	1.08752	1.08752	0.24243	1.51559	1.51559	0.0479754	1.48224	1.48224	0.15886	0.479214	2.08675	0.0277022	2.015879	-4.96225	0.0292284	0.481211	2.07845	-6.81257	0.0881	1.13588	1.13588	0.0260138	0.162318	0.312154	-3.20239	0.0279391	0.411621	0.424958	0.55828	1
cg07891971	CHAC1;CHAC1	0.208035	0.325129	1.68062	1.68062	0.0752336	2.75148	2.75148	0.446767	1.48621	1.48621	0.150222	2.99906	2.99906	0.158702	0.727572	-1.37443	0.0292288	2.57721	2.57721	0.730269	0.8379161	-1.19344	0.0400258	3.36226	3.36226	0.221339	1.92871	1.92871	1.80867	7.47849	3.67537	1
cg05442426	BIN3	0.208040	0.8080988	0.950158	-1.05261	0.690151	1.08151	1.08151	0.833879	1.14926	1.14926	0.552754	1.17092	1.17092	0.928313	1.07402	1.07402	1.02647	0.0364773	1.8048	1.8048	0.0201326	0.5599	0.5599	0.0223222	1.30067	1.30067	1.8048	0.0201326	0.5599	0.0223222	1.30067	1.80854	0.0400595	0.216545	1
cg22802366	INPP5A	0.208046	0.190525	0.795382	-1.25726	0.208754	1.22602	1.22602	0.261668	0.824229	-1.21325	0.502796	0.893766	-1.11886	0.372083	1.1634	1.1634	0.182925	1.26288	1.26288	0.0429834	1.46906	1.46906	0.942171	1.01205	1.01205	0.506674	1.894703	-1.11769	1.80862	1.78124	0.383962	1
cg10088075	ZNF48;ZNF48	0.208051	0.983799	0.94226	-1.00577	0.672767	0.886525	-1.128	0.0249898	0.645407	-2.13017	0.861599	1.04996	1.04996	0.975482	1.04555	1.04555	0.892324	1.09015	1.09015	0.264135	1.39099	1.39099	0.261836	1.39339	1.39339	0.0784534	1.74057	1.74057	1.8086	2.30263	1.13169	1
cg01135780	EBF1	0.208052	0.840457	1.0027	1.0027	0.976432	0.907474	-1.10733	0.213681	1.24577	1.24577	0.144642	0.772274	1.29503	0.144642	0.772274	1.29503	0.854107	0.887795	-1.12647	0.0811993	1.23706	1.23706	0.805737	1.24881	1.24881	0.0154446	0.687792	-1.45641	0.860497	0.948352	1.05446	1.80857	1.33042	1.33042	1.8086	2.6089	1.32222	1
cg06138044	PREP	0.208054	0.692612	0.951917	-1.05051	0.725996	0.957301	-1.0446	0.999254	0.999884	-1.00012	0.829908	1.02704	1.02704	0.0862063	1.26505	1.26505	0.768064	1.03736	1.03736	0.0169054	0.696703	-1.43533	0.514356	0.921263	-1.08547	0.361924	1.21325	1.21325	1.80858	0.440595	0.216545	1
cg20441453	KCNA2	0.208057	0.0834353	1.15145	1.15145	0.201871	1.12308	1.12308	0.0159619	1.28935	1.28935	0.961556	0.995857	-1.00418	0.663013	1.03849	1.03849	0.159399	1.1828	1.1828	0.991062	1.00097	1.00097	0.997439	1.14524	1.14524	0.339793	1.08843	1.08843	1.80857	0.212506	0.104444	1
cg04824914	MRPL17	0.208060	0.788174	0.803959	-1.24384	0.958875	0.95092	-1.04265	0.119617	3.99602	3.99602	0.0521782	0.161132	-6.2061	0.306983	0.422669	-2.36592

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	df
cg02722964	SOLH	0.208246	0.242716	0.487536	-2.05153	0.405791	1.56835	1.64835	0.227684	0.475157	1.03427	0.132642	0.378491	-2.62407	0.02256005	0.209571	-4.77165	0.46565	0.66643	-1.54206	0.06338477	0.294025	-3.40107	0.050016	0.764587	-1.3079	0.456801	0.640692	-1.56081	1.8077	9.88565	4.86101	1
cg14586638	-EWSR1	0.208247	0.65185	0.86203	-1.56005	0.229455	0.662191	-1.55014	0.19867	1.55892	1.55892	0.729249	1.12028	1.12028	0.794471	0.918202	-1.08008	0.349078	1.49367	1.49367	0.6164947	0.383811	-2.60545	0.688455	0.876563	-1.14082	0.831004	0.932526	-1.07236	1.08769	3.05899	1.50418	1
cg21184132	PPARGC1B	0.208248	0.948797	1.00844	1.008404	1.332448	1.139174	1.139174	0.459465	1.103555	1.103555	0.719552	1.0483	1.0483	0.615355	0.800247	-1.12328	0.611103	0.935112	-1.06065	0.2410063	0.841302	-1.18863	0.970955	0.995248	-1.00477	0.0126495	1.50027	1.500207	1.80769	0.489999	0.2409545	1
cg04737131	HOXA2	0.208248	?	?	?	0.285659	1.89801	1.89801	0.426168	1.59087	1.59087	0.574134	1.724559	-1.38015	?	?	?	0.744287	1.20308	1.20308	0.389157	1.65774	1.65774	0.1185248	3.31044	6.31044	0.217947	2.1285	2.1285	1.25004	7.72038	2.56486	1
cg12624792	C5NK1E;C5NK1E;C5NK1E	0.208252	0.317576	0.73355	-1.36323	0.0855323	0.565498	-1.76835	0.184183	0.655402	-1.52578	0.934395	0.97561	-1.025	0.232102	0.68669	-1.45626	0.865767	1.05205	1.05205	0.0359106	0.480929	-2.07931	0.0452285	0.502061	-1.99179	0.944753	1.021	1.021	1.80767	2.5754	1.26641	1
cg00346898	C5NK1;DISC1;DISC1;C5NK1;DISC1;TSNAX-DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;TSNAX-	0.208255	0.0627822	0.480817	-2.07979	0.14754	0.580703	-1.72205	0.748131	1.11928	1.11928	0.368721	1.38114	1.38114	0.0460279	0.449457	-2.22491	0.327651	0.702286	-1.42392	0.377876	0.728726	-1.37226	0.124084	0.558515	-1.79046	0.367449	0.723586	-1.38239	1.80766	3.50231	1.72221	1
cg25139188	PIK3CA;PIK3CA;PIK3CA	0.208256	0.906371	1.02543	1.025043	0.1588552	1.58315	1.58315	0.727284	1.144978	1.39573	1.39573	0.4108841	1.39614	1.39614	0.485105	0.8059757	-1.16312	0.309455	1.25112	1.25112	0.0319688	1.72127	1.72127	0.759111	1.067711	1.06771	0.439788	0.845501	-1.18273	1.80766	1.29892	0.6387075	1
cg17775490	C20orf123	0.208258	0.83487	1.12889	1.12889	0.9857	0.9896646	-1.01046	0.566254	0.7141033	-1.40036	0.44244	0.6345551	-1.57592	0.0108729	0.156126	-6.40508	0.838374	1.12594	1.12594	0.341316	0.565827	-1.76733	0.113621	0.368198	-2.71593	0.137757	0.395253	-2.53003	1.80765	9.65642	4.74842	1
cg16792548	PRKAG1	0.208259	0.005589	0.265459	-3.80925	0.187437	0.354058	-2.82384	0.405423	0.529664	-1.88709	0.312393	0.459901	-2.17434	0.0478818	0.18614	-5.3723	0.191782	0.838045	-1.19292	0.0183681	0.223102	-4.47879	0.549947	0.634938	-1.57496	0.82664	1.80766	15.8166	7.77762	1
cg17594135	MED16	0.208261	0.102117	0.380478	-2.62827	0.878452	0.9206666	-1.08617	0.521132	0.703804	-1.42085	0.418566	0.699301	-1.43005	0.56274	0.0423079	-2.38274	0.282502	0.54707	-1.82792	0.0253926	0.238082	-4.20024	0.559465	0.73544	-1.37544	0.574202	0.735922	-1.35884	1.80763	8.3517	4.10688	1
cg22505962	CLEC3B	0.208261	0.0764135	0.377776	-2.64707	0.322992	0.6040021	-1.65557	0.298172	0.587092	-1.70331	0.177536	0.492785	-2.02928	0.12984	0.444206	-2.25121	0.108616	0.421361	-2.37126	0.0447418	0.320508	-3.12005	0.0679663	0.364387	-2.74433	0.131638	0.440656	-2.23386	1.80763	6.98212	3.4334	1
cg05399330	BSND	0.208262	0.676163	0.879757	-1.13635	0.0855323	0.565498	-1.76835	0.184183	0.655402	-1.52578	0.934395	0.97561	-1.025	0.232102	0.68669	-1.45626	0.865767	1.05205	1.05205	0.0359106	0.480929	-2.07931	0.0452285	0.502061	-1.99179	0.944753	1.021	1.021	1.80767	2.5754	1.26641	1
cg14069601	EFCAB9	0.208263	0.552715	0.737831	-1.35532	0.038396	0.296863	-3.36855	0.625854	0.779779	-1.28242	0.96909	0.980576	-1.01981	0.0240116	0.255927	-3.90737	0.382531	0.635499	-1.57357	0.148326	0.456159	-2.19222	0.0911611	0.380887	-2.56484	0.551874	0.737345	-1.35622	1.80762	7.33656	3.60772	1
cg15191879	CBorf73	0.208269	0.552477	1.36184	1.361844	0.742871	1.184312	1.184312	0.662614	0.798605	-1.25218	0.0327762	0.60923	1.60923	0.0360414	0.285617	-3.5012	0.723317	0.833041	-1.20042	0.42407	0.653742	-1.52128	0.694462	0.81638	-1.22492	0.927614	1.0478	1.0478	1.8076	7.56038	3.71783	1
cg19281809	UBXN2B	0.208271	0.973354	1.00784	1.00784	0.0628275	0.613019	-1.63127	0.866242	0.961355	-1.0402	0.478221	0.3836	1.1836	0.159322	0.15939	-6.56248	0.446135	1.19908	1.19908	0.060571	0.113443	1.13443	0.076373	0.630707	-1.58552	0.179202	0.716356	-1.39595	1.80758	7.56473	0.769463	1
cg25490039	PRKCA	0.208273	0.276336	0.537096	-1.86187	0.422774	0.637964	-1.56749	0.368488	0.602267	-1.66039	0.610349	1.32593	1.32593	0.0398984	0.271481	-3.6835	0.741153	1.19958	1.19958	0.465709	0.665297	-1.50309	0.0577118	0.24793	3.24793	0.463572	0.663951	-1.50613	1.80758	8.6267	4.24224	1
cg10835823	C5orf58	0.208273	0.314102	0.790401	-1.26504	0.0356026	0.0856564	-1.08869	0.738923	0.900528	-1.11062	0.882205	0.990328	1.00972	0.0540009	0.504078	-1.98359	0.509631	1.18075	1.18075	0.365124	0.154577	1.15477	0.0497779	0.341925	2.91425	0.0181442	0.406456	2.46029	1.80757	2.83685	1.38521	1
cg01335663	ABCC13;ABCC13	0.208275	0.189857	0.612278	-1.63325	0.0346224	0.418818	-2.38767	0.0484606	0.450908	-2.21775	0.368197	0.721413	-1.38617	0.135909	0.56681	-1.76426	0.690782	0.868262	-1.15173	0.61662	1.19522	1.19522	0.417429	0.746196	-1.34013	0.113827	0.544558	-1.83635	1.80757	3.5732	1.75716	1
cg15874062	IMPP4B;IMPP4B	0.208279	0.0901182	1.25491	1.254905	0.187437	1.10927	1.10927	0.0817576	1.25081	1.25081	0.264689	1.1507	1.1507	0.30753	1.13466	1.13466	0.0918888	1.1409	1.1409	0.622699	0.942138	-1.06142	0.0877353	1.25283	1.25283	0.0609581	1.28878	1.28878	1.80755	0.404989	0.203372	1
cg01457145	ZNF841	0.208281	0.28972	1.35548	1.354481	0.324431	1.32533	1.32533	0.184007	1.47709	1.47709	0.851987	0.949616	-1.05306	0.02035	2.1684	2.1684	0.109309	1.62137	1.62137	0.338855	0.761195	-1.31372	0.0647899	0.900805	-1.1111	0.67478	1.1239	1.1239	1.80754	2.19308	1.07848	1
cg20444090	PDE6B;PDE6B;PDE6B	0.208288	0.0848352	0.451356	-2.21555	0.492117	0.747344	-1.33807	0.830324	0.914319	-1.09371	0.0366985	2.7543	2.7543	0.0481809	0.94293	-1.06052	0.235095	0.594843	-1.68111	0.166652	0.540355	-1.85063	0.388069	0.691242	-1.44667	0.504266	0.75362	-1.32693	1.80751	4.98791	2.45294	1
cg05482663	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.208289	0.579558	0.576962	-1.73323	0.737584	2.70094	2.70094	0.24565	1.23808	1.23808	0.0107005	1.31001	1.31001	0.0179705	0.603807	-1.6563	0.838023	0.817783	-1.22282	0.607781	1.16322	1.16322	0.152593	0.221864	-4.50727	0.773139	0.752725	1.32851	1.8075	2.48148	1.51667	1
cg27601574	SMTN;SMTN;SMTN	0.208291	0.210032	0.654878	-1.527	0.547638	0.822847	-1.21529	0.791467	0.918589	-1.08863	0.0109688	0.35957	-2.7811	0.801696	1.08398	1.08398	0.21397	0.657512	-1.52088	0.810178	1.08016	1.08016	0.41257	0.764562	-1.30794	0.1037	0.565412	-1.76862	1.80749	2.93957	1.44562	1
cg13304638	TBC1D	0.208292	0.164816	0.633503	-1.57853	0.944323	1.02175	1.02175	0.165981	0.634342	-1.57644	0.222348	0.673637	-1.48448	0.645565	0.867045	-1.15334	0.453147	0.790238	-1.26544	0.219232	0.671654	-1.48886	0.0594723	1.96316	1.96316	0.145115	0.614462	-1.62764	1.80749	2.71557	1.33596	1
cg02447556	CHTF18	0.208296	0.816584	0.528	1.0528	0.2255035	1.83181	1.83181	0.230706	0.756936	-1.32112	0.314495	0.817183	-1.22372	0.788637	0.942225	-1.06132	0.632376	0.898752	-1.11265	0.501955	0.669297	-1.44301	0.3593	0.811591	-1.23215	0.80747	1.04024	0.690589	1
cg14523312	DKFZp761E198	0.2083	0.969784	0.978251	-1.02223	0.0218333	4.94131	4.94131	0.116771	2.68928	2.68928	0.791177	0.857219	-1.16656	0.104707	0.357205	-2.79951	0.372743	1.09753	1.09753	0.793264	0.85858	-1.16471	0.919599	0.943072	-1.06036	0.713364	0.807198	-1.23885	1.80745	9.64741	4.74451	1
cg07469929	MYT1	0.208301	0.614142	1.09737	1.097367	0.2745041	1.36552	1.36552	0.757088	1.04604	1.04604	0.870426	1.1938	1.1938	0.0720767	0.786353	-1.27182	0.471996	1.15023	1.15023	0.184245	0.153335	1.15916	0.0712464	0.213248	4.69077	1.22522	1.22522	0.507827	0.901122	1.08753	0.687459	0.3338387	1
cg13009662	SLC12A2;SLC12A2;FU33630	0.208307	0.387934	0.819962	-1.21957	0.245497	1.31321	1.31321	0.370164	1.22929	1.22929	0.498523	1.16664	1.16664	0.999519	1.00115	1.00115	0.789948	1.06172	1.06172	0.683965	0.665556	-1.50291	0.0981203	0.821068	1.83906	1.83906	1.80742	1.44036	0.708369	1
cg21032741	C12orf35	0.208311	0.729227	1.06401	1.064011	0.5126008	1.26371	1.26371	0.0857316	1.06838	1.06838	0.0666283	1.28672	1.28672	0.820606	1.0744	1.0744	0.124316	1.07651	1.07651	0.0780499	0.694324	1.44128	0.378009	1.00329	1.00329	0.0884431	1.25881	1.25881	1.80741	0.409573	0.199954	1
cg06518388	PSG4;PSG4	0.208311	0.0811713	0.279238	-3.58118	0.139401	0.350104	-2.85629	0.0875456	0.288103	-3.47098	0.27197	0.470243	-2.12656	0.120863	0.329592	3.03406	0.320326	0.507862	-1.96904	0.0333035	0.193712	-5.16231	0.2111564	0.419632	-2.38304	0.113519	0.321024	3.11503	1.8074	12.4622	6.12897	1
cg07287120	SLC2A4	0.208313	0.352966	1.32496	1.32496	0.828441	0.938106	-1.06598	0.432212	0.788793	-1.26655	0.022246	0.44631	-2.24059	0.64279	1.14741	1.14741	0.329776	1.3446	1.3446	0.19267	0.49167	1.94767	0.346784	1.33007	1.33007	0.374728	1.30765	1.30765	1.80739	2.48109	1.22022	1
cg19655128	PPP3R0B	0.208316	0.4470327	1.1646	1.164597	0.6420607	1.14334	1.14334	0.602607	1.0001	1.0001	0.812875	1.00014	1.00014	0.482422	1.00283	1.00283	0.599503	1.14354	1.14354	0.766326	0.857952	-1.16557	0.0870922	0.166663	-6.00312	0.471213	0.686069	-1.45758	0.8738	7.56467	3.72099	1
cg23687319	RUNDC3B;GDF11-AS1;RUNDC3B;GDF11;GDF5;LOC285194;GDF11;GDF5;LOC285194;GDF5;LOC285194;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg23267616	ODZ2	0.208549	0.875216	0.943825	-1.05952	0.0932595	0.507007	-1.97236	0.210792	0.61565	-1.6243	0.85055	0.932961	-1.07186	0.948453	1.02407	1.02407
cg08686995	HERPUD2	0.208557	0.773542	0.951843	-1.05059	0.0859982	1.38342	1.38342	0.143506	1.30853	1.30853	0.755693	0.948007	-1.05484	0.0589408	0.694285	-1.44033
cg04937744	GABARAP	0.208559	0.00901133	0.404391	-2.47285	0.32851	1.31653	1.31653	0.938496	0.979178	-1.02127	0.733713	1.09758	1.09758	0.406261	0.793208	-1.2607
cg06525347	EYA4;EYA4;EYA4	0.208559	0.699686	1.14458	1.14458	0.240314	1.53463	1.53463	0.789848	0.911144	-1.09752	0.49757	0.786697	-1.27114	0.607699	1.19768	1.19768
cg01049068	ROR1;ROR1	0.20856	0.681862	0.924278	-1.08193	0.696514	0.927853	-1.07776	0.462656	0.866898	-1.15354	0.721505	0.933908	-1.07077	0.74219	0.938883	-1.0651
cg13258563	C13orf38;C13orf38;C13orf38;C13orf38; C13orf38;C13orf38;C13orf38;C13orf38; C13orf38;C13orf	0.208563	0.268822	0.470175	-2.12687	0.571416	0.687445	-1.45466	0.976492	0.980877	-1.0195	0.0619014	0.252172	-3.96554	0.407102	0.573678	-1.74314
cg10908369	CNRIP1;CNRIP1	0.208564	0.151521	1.20811	1.20811	0.423878	0.904399	-1.10571	0.123992	1.22745	1.22745	0.27106	0.868513	-1.15139	0.695347	0.952734	-1.04961
cg23162960	FAF2	0.208565	0.562739	0.830901	-1.20351	0.858479	0.945065	-1.05813	0.0392216	0.469877	-2.12822	0.972155	1.01111	1.01111	0.876154	1.05061	1.05061
cg01131147	MAD2L1	0.208566	0.0495996	3.31582	3.31582	0.903905	0.937413	-1.06677	0.735808	0.834252	-1.19868	0.114551	2.50536	2.50536	0.0590881	3.1284	3.1284
cg04593445	PGP	0.208573	0.828493	1.02028	1.02028	0.806571	1.02296	1.02296	0.0566578	1.22095	1.22095	0.540813	1.05896	1.05896	0.183058	1.13965	1.13965
cg23165913	CCDC88C	0.208574	0.922031	1.10353	1.10353	0.00874016	0.034683	-28.8326	0.373021	2.51001	2.51001	0.393796	0.415199	-2.40848	0.55077	1.83569	1.83569
cg18401313	IGSF11;IGSF11	0.208577	0.371529	0.754096	-1.32609	0.592788	1.18064	1.18064	0.54956	0.830065	-1.20472	0.948731	0.980414	-1.01998	0.278036	0.706821	-1.41479
cg09841704	MESDC1;MESDC1	0.208577	0.685411	0.731307	-1.36741	0.0757548	4.56645	4.56645	0.0442471	5.90421	5.90421	0.798849	1.21679	1.21679	0.91922	1.08106	1.08106
cg27304754	CALB2;CALB2;CALB2	0.208578	0.446327	0.731425	-1.36719	0.308319	0.653868	-1.52936	0.897469	1.05332	1.05332	0.622022	0.818556	-1.22166	0.318599	0.660132	-1.51485
cg20341251	WNT5B;WNT5B	0.208579	0.35861	0.783133	-1.27692	0.0650074	0.584761	-1.7101	0.231137	1.3844	1.3844	0.636767	1.13109	1.13109	0.294206	0.75447	-1.32543
cg09134747	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.208581	0.325639	0.833251	-1.20012	0.292628	1.21681	1.21681	0.973999	0.994159	-1.00588	0.169963	0.768956	-1.30046	0.590164	0.906894	-1.10266
cg08318842	MMP2	0.208587	0.152884	0.452954	-2.20773	0.378121	0.626368	-1.59651	0.846429	1.10551	1.10551	0.0597401	0.333181	-3.00137	0.150429	0.450497	-2.21977
cg20857709	HAAO;HAAO	0.208588	0.854443	1.26607	1.26607	0.403375	2.99976	2.99976	0.152837	7.14878	7.14878	0.840971	1.29446	1.29446	0.0747826	12.8023	12.8023
cg25435594	TOLLIP	0.208589	0.512623	0.830117	-1.20465	0.212747	1.44478	1.44478	0.0850105	1.70571	1.70571	0.551043	0.844403	-1.18427	0.250936	0.714378	-1.39982
cg22796958	VEPH1;VEPH1;VEPH1;VEPH1;VEPH1;VE PH1	0.20859	0.109931	0.431512	-2.31743	0.0198572	0.257612	-3.88181	0.438822	0.683261	-1.46357	0.44961	0.689615	-1.45008	0.115837	0.438487	-2.28057
cg17402325	KCNH2;KCNH2	0.208594	0.408786	1.38023	1.38023	0.934891	0.969316	-1.03166	0.557826	0.797656	-1.25367	0.292123	1.51727	1.51727	0.46875	1.32468	1.32468
cg17135191	MMP17	0.208595	0.931266	1.0187	1.0187	0.0775225	1.52418	1.52418	0.591314	1.12347	1.12347	0.188435	1.34894	1.34894	0.600505	0.89271	-1.12018
cg13835062	LOC619207	0.208596	0.192565	1.66002	1.66002	0.371548	0.713785	-1.40098	0.0775133	0.48621	-2.05672	0.807448	0.914174	-1.09388	0.699919	0.867337	-1.15295
cg02426912	ARL6IP1	0.208598	0.852536	1.04972	1.04972	0.175498	0.686834	-1.45596	0.386187	0.793227	-1.26067	0.565489	0.859422	-1.16357	0.0648556	0.582356	-1.71716
cg19778737	ST5	0.208598	0.578761	0.806075	-1.24058	0.758824	1.12567	1.12567	0.429398	0.73339	-1.36353	0.525289	1.28073	1.28073	0.0208578	0.343374	-2.91227
cg08276984	CDKN2AIP	0.208601	0.762059	1.04289	1.04289	0.529726	1.09202	1.09202	0.678787	0.944042	-1.05928	0.278452	0.8557	-1.16863	0.0368574	1.39831	1.39831
cg22059431	PARP8	0.208607	0.203556	2.12173	2.12173	0.462856	1.52025	1.52025	0.618864	1.32458	1.32458	0.332041	1.75229	1.75229	0.740777	0.830201	-1.20453
cg16996661	SFRS4	0.208607	0.0921741	0.577582	-1.73136	0.506862	1.22068	1.22068	0.190726	1.50724	1.50724	0.0334179	0.479025	-2.08757	0.156588	0.638453	-1.56629
cg13868520	TNFRSF8	0.208608	0.757966	1.16101	1.16101	0.271728	1.73777	1.73777	0.501254	0.719151	-1.39053	0.904846	0.943877	-1.05946	0.0427131	0.324086	-3.0856
cg08627986	SYT15;SYT15	0.208609	0.0876338	0.658173	-1.51936	0.387021	0.821422	-1.2174	0.0178555	0.527944	-1.89414	0.430406	0.836476	-1.19549	0.0579214	0.621513	-1.60898
cg10861722	UNC5D	0.20861	0.676237	0.83713	-1.19456	0.683005	0.840465	-1.18982	0.607101	1.24552	1.24552	0.567631	1.27703	1.27703	0.0131315	0.272019	-3.67621
cg13999688	ESRRB	0.208611	0.940644	0.96161	-1.03992	0.403892	0.638272	-1.56673	0.389757	0.629203	-1.58931	0.581997	1.33945	1.33945	0.141033	0.435085	-2.2984
cg21110638	GUF1;GUF1	0.208614	0.786259	0.967794	-1.03328	0.172932	1.19086	1.19086	0.201569	1.17636	1.17636	0.436309	0.908786	-1.10037	0.960694	0.994082	-1.00595
cg12137156	C8orf22;C8orf22	0.208618	0.54842	0.74624	-1.34005	0.828834	1.11	1.11	0.560957	1.3276	1.3276	0.0531192	2.88431	2.88431	0.0522653	0.345049	-2.89814
cg03329714	ARHGEF18;ARHGEF18	0.208618	0.742261	1.06682	1.06682	0.00963239	1.90065	1.90065	0.870965	0.968642	-1.03237	0.569459	0.893439	-1.11927	0.590084	0.898893	-1.11248
cg11583863	PPP1R11	0.208623	0.202606	0.598593	-1.67058	0.87961	0.943819	-1.05953	0.156164	0.5606	-1.7838	0.169154	0.571883	-1.74861	0.015698	0.323144	-3.09459
cg16658496	S100A10;S100A10	0.208623	0.734366	0.9026	-1.10791	0.200339	0.665641	-1.50231	0.193493	0.661006	-1.51284	0.348874	0.748138	-1.33665	0.0394213	0.488259	-2.04809
cg06352932	TAS2R31;PRR4;PRH1	0.208623	0.99973	0.99989	-1.00011	0.4205	0.764706	-1.30769	0.0904168	1.83707	1.83707	0.294846	1.42494	1.42494	0.0461553	0.474858	-2.10589
cg17346176	MCM9	0.208628	0.609752	0.79257	-1.26172	0.0222412	3.44703	3.44703	0.490779	1.37173	1.37173	0.438409	1.42893	1.42893	0.0604528	0.3844	-2.60146
ch.13.601939F	COG3	0.208629	0.140711	0.24904	-4.01542	0.748519	0.754135	-1.32602	0.259421	0.356247	-2.80704	0.00641193	0.0445521	-22.4456	0.332713	0.416183	-2.40279
cg17112426	DMKN;DMKN;DMKN;DMKN	0.208634	0.591379	0.773009	-1.29365	0.241778	0.558729	-1.78978	0.953283	1.02823	1.02823	0.241495	1.79046	1.79046	0.527092	0.737532	-1.35587
cg20074340	MCF2L;MCF2L	0.208634	0.729585	1.16842	1.16842	0.0223915	3.41184	3.41184	0.0262538	3.26231	3.26231	0.375526	1.50371	1.50371	0.284023	1.64741	1.64741
cg20979128	ZBTB17	0.208639	0.861996	0.950386	-1.0522	0.0325409	2.07875	2.07875	0.0383987	2.01705	2.01705	0.831463	1.06432	1.06432	0.20786	1.4746	1.4746
cg19530885	SCGB3A2	0.208639	0.396242	0.546548	-1.82967	0.0162293	0.129457	-7.72458	0.0407721	0.193523	-5.16735	0.617264	0.704436	-1.41958	0.174973	0.366715	-2.72691
cg04094829	CUX1;CUX1;CUX1	0.208643	0.431615	0.638763	-1.56552	0.0511862	3.45564	3.45564	0.128579	2.50245	2.50245	0.996026	1.00279	1.00279	0.0582459	0.302646	-3.30419
cg03225003	NPHP4	0.208645	0.797965	1.0521	1.0521	0.163059	0.744679	-1.34286	0.279725	0.800513	-1.2492	0.380899	0.836977	-1.19478	0.300303	0.808541	-1.2368
cg15683542	MIPEP	0.208654	0.353412	0.72126	-1.38646	0.00983374	0.327362	-3.05472	0.333025	0.710543	-1.40737	0.509291	1.25747	1.25747	0.135601	0.576702	-1.734
cg11626629	B3GALT4	0.208657	0.478447	1.46776	1.46776	0.0847172	2.76019	2.76019	0.0975536	2.6329	2.6329	0.0634444	3.03861	3.03861	?	?	?
cg14580081	ERCC2;ERCC2	0.208657	0.687089	1.05815	1.05815	0.162054	0.811896	-1.23168	0.0791013	0.761761	-1.31275	0.290138	0.857922	-1.16561	0.0322766	0.704722	-1.419
cg02046589	DENND5B	0.208659	0.645747	1.35347	1.35347	0.409803	0.57625	-1.73536	0.169103	0.383655	-2.60651	0.935867	1.05403	1.05403	0.158138	0.37281	-2.68233
cg25412641	ZDHHC14;ZDHHC14	0.20866	0.548264	0.650034	-1.53838	0.0100578	0.0999417	-10.0058	0.140949	0.325389	-3.07324	0.430607	1.76894	1.76894	0.385479	0.532152	-1.87916
cg10702191	C1orf183;DDX20	0.208661	0.964879	1.00612	1.00612	0.195314	0.827146	-1.20898	0.0487291	0.732063	-1.366	0.51695	1.09531	1.09531	0.162692	1.22936	1.22936
cg03783126	LOC150568	0.208661	0.329711	0.511831	-1.95377	0.0138161	0.131847	-7.58455	0.839063	0.873364	-1.145	0.67245	1.32731	1.32731	0.157775	0.365795	-2.73377
cg11207954	RFX2;RFX2	0.208661	0.041147	0.645718	-1.54866	0.598213	1.10376	1.10376	0.117513	0.729348	-1.37109	0.171777	0.763334	-1.31004	0.913805	1.0203	1.0203
cg19484481	FOXO3;FOXO3	0.208663	0.216264	1.48373	1.48373	0.018339	2.38183	2.38183	0.269205	1.41751	1.41751	0.212948	1.48843	1.48843	0.474449	1.24677	1.24677
cg09544641	CCDC96	0.208666	0.150547	0.766413	-1.30478	0.388013	0.858342	-1.16504	0.388638	1.16479	1.16479	0.426868	0.869298	-1.15035	0.428289	0.869687	-1.14984
cg14899716	RIMKLA	0.208668	0.561738	1.23017	1.23017	0.125379	1.79615	1.79615	0.57719	1.22	1.22	0.0412252	2.29665	2.29665	0.293388	0.680565	-1.46937
cg22704775	MIR611;C11orf10;FEN1	0.208676	0.396574	0.879045	-1.1376	0.163677	1.24699	1.24699	0.19748	1.22423	1.22423	0.459271	0.894134	-1.1184	0.480078	0.898881	-1.11249
ch.20.378824F	C20orf72	0.208681	0.0629086	0.158292	-6.31742	0.0298444	0.105211	-9.50469	0.0453625	0.132356	-7.55539	0.165628	0.271815	-3.67897	0.493709	0.542094	-1.8447
cg24809037	AES;AES;AES;AES;AES	0.208687	0.729988	0.694412	-1.44007	?	?	?	0.737079	1.42569	1.42569	0.575299	1.81558	1.81558	?	?	?
ch.6.609614F	ACOT13;ACOT13	0.2087	0.0387273	0.109581	-9.12566	0.126531	0.217244	-4.60312	0.0293064	0.0933413	-10.7134	0.441376	0.484247	-2.06506	0.0761287	0.161555	-6.18986
cg10311358	MARK3;MARK3;MARK3;MARK3;MARK3	0.2087	0.254654	1.37328	1.37328	0.0461535	1.83919	1.83919	0.946045	0.982112	-1.01821	0.36176	0.77879	-1.28404	0.36265	0.779171	-1.28342
cg11579281	VPS13C;VPS13C;VPS13C;VPS13C;VPS13 C;VPS13C;VPS13C;VPS13C	0.2087	0.555103	0.824311	-1.21314	0.217251	0.656919	-1.52226	0.983855	0.993472	-1.00657	0.210095	0.652129	-1.53344	0.0287997	0.434072	-2.30377
cg19084427	MORN1;LOC100129534	0.208705	0.336007	0.672388	-1.48724	0.219864	0.596807	-1.67558	0.425811	0.72226	-1.38454	0.957732	1.02143	1.02143	0.0323572	0.366962	-2.72508
cg11615395	MAML3	0.208709	0.365219	1.78527	1.78527	0.0882501	0.309816	-3.22773	0.384633	1.74245	1.74245	0.997156	1.00222	1.00222	0.781352	0.840859	-1.18926
cg21877855	ITGB3BP;EFCAB7;EFCAB7	0.208712	0.326628	0.873796	-1.14443	0.0408087	1.36964	1.36964	0.239548	0.848687	-1.17829	0.848265	0.974806	-1.02585	0.400659	1.12143	1.12143
cg05340339	EPHB2;EPHB2	0.208715	0.185588	0.679897	-1.47081	0.0211515	0.466768	-2.14239	0.422551	1.25253	1.25253	0.959893	1.01392	1.01392	0.135701	0.642771	-1.55576
cg17736895	RAP1A;RAP1A	0.208715	0.713316	0.933706	-1.071	0.290626	0.815583	-1.22612	0.659018	0.920769	-1.08605	0.0927845	0.709076	-1.41029	0.0281046	0.617487	-1.61947
cg06697439	ZBTB45	0.208716	0.255129	0.731906	-1.36629	0.120589	1.55623	1.55623	0.0531672	1.78089	1.78089	0.534039	1.17991	1.17991	0.181619	1.45135	1.45135
cg13224075	SLC7A1	0.208718	0.976955	0.99232	-1.00774	0.114042	0.631998	-1.58228	0.178199	1.46498	1.46498	0.0461533	0.543433	-1.84015	0.117069	0.634816	-1.57526
cg10365447	FOXC1	0.208718	0.961843	0.989547	-1.01056	0.577894	1.13142	1.13142	0.335307	1.24388	1.24388	0.33022	1.24694	1.24694	0.780101	0.940375	-1.06341
cg27396760	CMIP;CMIP	0.208718	0.96482	0.966238	-1.03494	0.834529	1.17691	1.17691	0.592441	0.656541	-1.52313	0.418053	1.90484	1.90484	0.00846652	0.0729822	-13.702
cg09141635	RBM47	0.20872	0.12832	0.324515	-3.08152	0.085511	0.272173	-3.67413	0.060816	0.235302	-4.24987	0.465992	0.60175	-1.66182	0.0579436	0.230507	-4.33827
cg15821605	KIF16B	0.208721	0.065771	0.232839	-4.29482	0.517985	1.58824	1.58824	0.850973	1.14198	1.14198	0.532778	0.640205	-1.562	0.01213	0.110021	-9.08919
cg27296413	AIM2	0.208723	0.335935	0.693732	-1.44148	0.174594	0.587321	-1.70265	0.0126855	0.319281	-3.13204	0.482121	0.768516	-1.30121	0.123047	0.540248	-1.851
cg20637223	PTK2;PTK2	0.208735	0.112003	1.75476	1.75476	0.595214	1.19034	1.19034	0.415774	1.31032	1.31032	0.12938	1.70308	1.70308	0.609546	1.1822	1.1822
cg13197521	SPSB1	0.20874	0.16331	0.344106	-2.90608	0.0352183	0.172272	-5.80479	0.137863	0.318028	-3.14437	0.838594	1.15747	1.15747	0.0560664	0.211918	-4.71881
cg20963750	AUTS2;AUTS2;AUTS2	0.20874	0.237117	0.804554	-1.24292	0.325246	0.836648	-1.19525	0.149272	0.762227	-1.31195	0.635835	0.91966	-1.08736	0.0492807	0.67435	-1.48291
cg21060925	ZNF260;ZNF260;ZNF260;ZNF260	0.208741	?	?	?	0.488252	1.13636	1.13636	0.0839582	1.41505	1.41505	0.862526	0.969025	-1.03197	0.864581	1.03147	1.03147
cg09476306	YPEL1	0.208746	0.0945353	0.420006	-2.38092	0.435195	0.686729	-1.45618	0.773467	1.14595	1.14595	0.163863	0.495951	-2.01633	0.0224346	0.275004	-3.63631
cg23873654	SLC46A1	0.208748	0.924037	1.03405	1.03405	0.0956094	0.52587	-1.90161	0.58194	1.21557	1.21557	0.540963	1.2427	1.2427	0.472292	0.773625	-1.29262
cg15927927	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P PP2R2B;PPP2R2B;PPP2R2B	0.20875	0.0717957	0.60126	-1.66318	0.313105	0.767926	-1.30221	0.435079	0.81746	-1.2233	0.21221	0.71708	-1.39454	0.65778	0.8933	-1.11944
cg22732672	AURKA;AURKA;AURKA;CSTF1;AURKA;C STF1;AURKA;AURKA;AURKA;AURKA;CST F1	0.208753	0.961227	0.993177	-1.00687	0.0321135	1.42408	1.42408	0.021231	1.47705	1.47705	0.865265	1.0242	1.0242	0.645585	1.06739	1.06739
cg04136290	FOXK2	0.208756	0.140117	0.332058	-3.01152	0.023898	0.153835	-6.50046	0.385009	1.85629	1.85629	?	?	?	0.720809	0.779396	-1.28304
cg00904407	PTPRN2;PTPRN2;PTPRN2	0.208756	0.836344	0.917736	-1.08964	0.167408	0.54294	-1.84182	0.947521	0.973051	-1.02769	0.598244	1.24692	1.24692	0.0112348	0.267602	-3.7369
cg04337386	C1GALT1	0.208756	0.691738	0.912894	-1.09542	0.322011	0.790619	-1.26483	0.407188	0.823319	-1.2146	0.712301	1.08838	1.08838	0.0458398	0.586009	-1.70646
cg08196667	SNORD32B	0.208758	0.825832	1.13734	1.13734	0.0765889	3.15884	3.15884	0.345585	1.76338	1.76338	0.392633	1.66759	1.66759	0.987124	1.00947	1.00947
cg02725795	FAM175A	0.208759	0.253842	1.1654	1.1654	0.772412	0.963657	-1.03771	0.669504	1.05637	1.05637	0.928554	0.988621	-1.01151	0.0102008	1.53584	1.53584
cg02768162	TMEM119	0.208766	0.385723	0.733547	-1.36324	0.998618	0.999397	-1.0006	0.628624	0.843809	-1.1851	0.179979	0.608842	-1.64246	0.0946437	0.527223	-1.89673
cg01039355	ZNF556;ZNF556	0.208768	0.0174349	0.101578	-9.84464	0.981724	1.01826	1.01826	0.717625	1.33236	1.33236	0.207123	0.349524	-2.86103	0.0867493	0.224302	-4.45828
cg23409130	RUNX2;RUNX2;RUNX2	0.208771	0.593347	1.06507	1.06507	0.0414756	0.759581	-1.31651	0.355582	0.894809	-1.11756	0.516641	1.07994	1.07994	0.0966375	0.807895	-1.23779
cg02145932	ISM1	0.208776	0.942549	0.987648	-1.01251	0.0528744	1.46147	1.46147	0.212914	1.25384	1.25384	0.19858	0.791136	-1.26401	0.454798	0.876966	-1.1403
cg02052721	HTR1D;HTR1D	0.208779	0.271979	1.21698	1.21698	0.291714	0.828716	-1.20669	0.276798	1.2144	1.2144	0.348255	1.18039	1.18039	0.105979	0.738439	-1.35421
cg17344085	SLC12A9	0.208781	0.622691	0.900372	-1.11065	0.479352	1.16436	1.16436	0.0539499	1.58879	1.58879	0.0718193	1.53006	1.53006	0.452631	0.850518	-1.17575
cg20653717	TMEM119	0.208781	0.105141	0.213959	-4.67379	0.283291	2.64008	2.64008	0.533384	1.73214	1.73214	0.977867	1.02445	1.02445	0.0240557	0.0959934	-10.4174
cg02617361	FNTA;FNTA;FNTA	0.208784	?	?	?	0.246413	1.48423	1.48423	0.469583	0.786875	-1.27085	0.86413	1.05738	1.05738	0.0249809	0.419377	-2.38449
cg11837713	CLK3;CLK3	0.208785	0.0864085	0.513088	-1.94898	0.585613	1.21403	1.21403	0.413755	1.34224	1.34224	0.463127	1.30095	1.30095	0.173862	1.66476	1.66476
cg18545992	NCRNA00164	0.208785	0.392908	0.83116	-1.20314	0.0418143	0.609127	-1.64169	0.0469808	0.618511	-1.61679	0.470727	0.856378	-1.16771	0.143152	0.717143	-1.39442
cg22909901	MCF2L2;B3GNT5	0.208787	0.963968	1.0134	1.0134	0.924446	1.02835	1.02835	0.711028	0.896113	-1.11593	0.271722	1.40109	1.40109	0.62875	1.15443	1.15443
cg24354208	FFAR1	0.208787	0.981939	1.01277	1.01277	0.278269	0.531421	-1.88175	0.531923	0.701147	-1.42623	0.489955	0.674859	-1.48179	0.78894	0.860321	-1.16236
cg26889928	TRIM24;TRIM24	0.208787	0.659325	1.10676	1.10676	0.117835	1.4745	1.4745	0.319014	1.26551	1.26551	0.801603	0.944057	-1.05926	0.950741	0.985973	-1.01423
cg13796796	C2orf18	0.208802	0.294009	0.822055	-1.21646	0.830973	0.962249	-1.03923	0.120345	0.738362	-1.35435	0.991355	1.00195	1.00195	0.315462	0.829563	-1.20545
cg11964564	KCNS2	0.208802	0.464924	0.87408	-1.14406	0.341498	0.837474	-1.19407	0.36475	1.18356	1.18356	0.353728	0.841421	-1.18847	0.225494	0.794262	-1.25903
cg24845207	DMRTB1	0.208803	0.285376	0.819573	-1.22015	0.580149	0.904664	-1.10538	0.386737	1.17246	1.17246	0.777886	1.05202	1.05202	0.282439	0.818499	-1.22175
cg09423126	PEBP4	0.208807	0.759521	0.903451	-1.10687	0.0677744	1.96717	1.96717	0.488972	1.26169	1.26169	0.825795	1.07562	1.07562	0.913777	0.964817	-1.03647
cg09854775	RNU6ATAC	0.208807	0.814603	0.93388	-1.0708	0.80854	1.07326	1.07326	0.789332	0.924978	-1.08111	0.915638	0.969613	-1.03134	0.865012	1.0508	1.0508
cg00760321	IQCC;IQCC	0.208807	?	?	?	0.0491272	0.400863	-2.49462	0.90563	1.04945	1.04945	0.954123	0.976856	-1.02369	0.0841789	0.459492	-2.17632
cg19768599	SLC12A8	0.208808	0.375896	0.56031	-1.78473	0.12377	2.89384	2.89384	0.947595	1.04279	1.04279	0.911991	0.931949	-1.07302	0.513854	0.655721	-1.52504
cg18251222	KLF11	0.208809	0.495181	1.61294	1.61294	0.888307	1.10186	1.10186	?	?	?	?	?	?	0.334973	0.503438	-1.98634
cg13588346	RAB14	0.208809	0.858939	0.926011	-1.0799	0.0299305	0.331644	-3.01529	0.0664012	0.410824	-2.43413	0.575154	0.782948	-1.27722	0.422392	0.701799	-1.42491
cg06900843	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B; PRKAR1B;PRKAR1B	0.208811	0.421864	0.715419	-1.39778	0.563124	1.26948	1.26948	0.614681	1.2302	1.2302	0.0847168	0.459224	-2.17758	0.0177617	0.308342	-3.24315
cg02459704	PDZD4	0.208811	0.0190843	0.255877	-3.90812	0.655248	1.241	1.241	0.251119	0.562084	-1.77909	0.997819	0.998688	-1.00131	0.105887	0.428023	-2.33633
cg13783177	TTC4	0.208817	0.121669	2.25332	2.25332	0.254383	1.77933	1.77933	0.41289	1.4998	1.4998	0.0671512	0.370308	-2.70045	0.153422	0.477059	-2.09617
cg03351154	PET117	0.208823	0.267568	1.70461	1.70461	0.0224253	3.53626	3.53626	0.330217	1.5904	1.5904	0.156037	2.01538	2.01538	0.748037	1.16048	1.16048
cg24974477	PLA2G12A	0.208826	0.407659	0.859338	-1.16369	0.81376	1.04314	1.04314	0.445364	1.1494	1.1494	0.193459	0.781698	-1.27927	0.0211837	0.608983	-1.64208
cg11847126	CPSF3L	0.208827	0.613391	1.0957	1.0957	0.945482	1.01234	1.01234	0.369987	1.17958	1.17958	0.432066	1.1547	1.1547	0.156795	0.7621	-1.31216
cg12103569	SFRS8	0.208827	0.460394	0.865255	-1.15573	0.658708	1.08937	1.08937	0.521224	1.13338	1.13338	0.914534	0.979539	-1.02089	0.0542653	0.656638	-1.52291
cg02536263	PLXDC2	0.20883	0.422757	2.01803	2.01803	0.607756	1.55882	1.55882	0.396882	2.10409	2.10409	0.267458	2.69277	2.69277	0.439471	1.96617	1.96617
cg01334504	U2AF1;U2AF1;U2AF1	0.208832	0.322016	0.462262	-2.16327	0.525609	1.62435	1.62435	0.126444	0.287374	-3.47978	0.509117	0.60342	-1.65722	0.393409	1.93359	1.93359
cg14918214	TMEM18	0.208834	0.90688	1.03137	1.03137	0.0896672	1.6386	1.6386	0.042739	1.85087	1.85087	0.324887	0.764655	-1.30778	0.851367	0.951695	-1.05076
cg00973276	USP28	0.208835	0.327667	0.749214	-1.33473	0.691217	0.892181	-1.12085	0.0861077	1.7193	1.7193	0.609851	1.15843	1.15843	0.214151	1.45316	1.45316
cg08828403	C12orf39	0.208835	0.203177	0.876101	-1.14142	0.287555	0.896971	-1.11486	0.518805	1.06653	1.06653	0.831463	1.02121	1.02121	0.260909	0.890957	-1.12239
cg17981439	ADARB2	0.208836	0.0580467	0.251401	-3.9777	0.235762	0.448986	-2.22724	0.183044	0.402317	-2.48561	0.243794	0.455693	-2.19446	0.0154364	0.147298	-6.78895
cg08825291	NOMO3	0.208841	0.619165	0.903462	-1.10685	0.671358	1.09032	1.09032	0.0717274	1.50289	1.50289	0.997347	0.999327	-1.00067	0.356975	0.825347	-1.21161
cg07638368	UMODL1;UMODL1;C21orf128	0.208848	0.996566	0.996552	-1.00346	0.0490642	0.16473	-6.07054	0.246924	2.64272	2.64272	0.11108	4.0282	4.0282	0.194509	0.33233	-3.00906
cg19186356	ALDH2	0.208851	0.0951051	0.482443	-2.07278	0.84736	1.0796	1.0796	0.310451	1.51757	1.51757	0.840558	0.923064	-1.08335	0.132834	0.524915	-1.90507
cg23735602	KCNMB2;KCNMB2;KCNMB2	0.208854	0.323433	1.78519	1.78519	0.144801	2.43491	2.43491	0.207811	2.12697	2.12697	0.926692	1.05368	1.05368	0.314633	0.553842	-1.80557
cg07531549	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1 ;PLEC1;PLEC1	0.208858	0.864905	1.0846	1.0846	0.065677	0.373385	-2.6782	0.264978	0.574604	-1.74033	0.73715	0.851584	-1.17428	0.460508	1.43097	1.43097
cg00377358	BHLHE23	0.208861	0.0928463	0.434265	-2.30274	0.378966	0.665543	-1.50253	0.130722	0.478952	-2.08789	0.839688	0.912683	-1.09567	0.0351446	0.330544	-3.02532
cg19273715	CMAS	0.208862	0.13596	1.28722	1.28722	0.956188	0.991404	-1.00867	0.0603959	0.716927	-1.39484	0.269829	1.19789	1.19789	0.837343	1.03283	1.03283
cg08776711	DGKI	0.208863	0.529916	0.745759	-1.34091	0.0180744	3.75755	3.75755	0.0927571	2.34605	2.34605	0.302147	0.610915	-1.63689	0.737979	1.1674	1.1674
cg25960403	MIR572	0.208866	0.676568	0.875985	-1.14157	0.0987901	1.77052	1.77052	0.995395	1.00182	1.00182	0.440724	0.780245	-1.28165	0.32444	1.37874	1.37874

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23267616	0.31462	1.46602	1.46602	0.0358618	2.45521	2.45521	0.232348	0.630796	-1.5853	0.98054	1.00901	1.00901	1.80631	3.87178	1.90531	1
cg08686995	0.439474	0.873818	-1.1444	0.928123	0.984684	-1.01555	0.568425	0.906087	-1.10365	0.181761	1.27441	1.27441	1.80627	0.837195	0.411995	1
cg04937744	0.265517	0.728777	-1.37216	0.417327	0.797709	-1.25359	0.929156	0.976045	-1.02454	0.806895	1.06906	1.06906	1.80626	2.12697	1.04671	1
cg06525347	0.333629	0.706513	-1.4154	0.0181514	2.71666	2.71666	0.296035	1.45861	1.45861	0.126588	1.77839	1.77839	1.80626	3.4719	1.70858	1
cg01049068	0.739951	1.06571	1.06571	0.00715894	1.94142	1.94142	0.704021	0.929677	-1.07564	0.482541	1.14608	1.14608	1.80626	1.0441	0.513817	1
cg13258563	0.171968	0.385678	-2.59284	0.0200349	0.159	-6.2893	0.450529	0.604238	-1.65498	0.399981	1.75868	1.75868	1.80624	12.2831	6.04477	1
cg10908369	0.663042	1.05542	1.05542	0.237851	1.1643	1.1643	0.562113	0.930429	-1.07477	0.0430771	1.33157	1.33157	1.80624	0.432988	0.213083	1
cg23162960	0.813383	1.07773	1.07773	0.0142905	0.384265	-2.60237	0.370769	0.747556	-1.33769	0.915201	1.03429	1.03429	1.80623	2.86681	1.41082	1
cg01131147	0.261039	1.87247	1.87247	0.256549	0.530616	-1.8846	0.713071	1.21853	1.21853	0.370891	1.63506	1.63506	1.80623	8.19168	4.03133	1
cg04593445	0.460516	1.072	1.072	0.122749	0.856644	-1.16735	0.154193	1.15158	1.15158	0.0791415	1.19765	1.19765	1.8062	0.244916	0.120531	1
cg23165913	0.7907	1.30692	1.30692	0.761714	1.35804	1.35804	0.528278	1.9021	1.9021	0.748138	1.38292	1.38292	1.80619	28.968	14.2561	1
cg18401313	0.0918533	1.76981	1.76981	0.242137	1.45727	1.45727	0.369702	1.3276	1.3276	0.0466951	0.4963	-2.01491	1.80618	2.70668	1.33206	1
cg09841704	0.641285	0.697308	-1.43409	0.0905255	0.238588	-4.19133	0.486051	1.72265	1.72265	0.591575	0.659565	-1.51615	1.80618	16.8885	8.31149	1
cg27304754	0.133182	0.520628	-1.92076	0.019313	0.319812	-3.12684	0.0338246	0.368467	-2.71395	0.533114	0.775427	-1.28961	1.80617	4.64381	2.2854	1
cg20341251	0.18889	0.697355	-1.43399	0.307757	0.76079	-1.31442	0.0669122	0.58749	-1.70216	0.511909	1.18799	1.18799	1.80617	1.91829	0.944071	1
cg09134747	0.0822603	0.707508	-1.41341	0.353631	1.18713	1.18713	0.633352	1.09022	1.09022	0.0661265	1.44846	1.44846	1.80616	0.924117	0.454798	1
cg08318842	0.863044	0.914553	-1.09343	0.0399965	0.292882	-3.41434	0.0615561	0.336405	-2.9726	0.785867	0.868594	-1.15129	1.80613	7.65556	3.76769	1
cg20857709	0.518902	2.31654	2.31654	0.0766179	12.5557	12.5557	0.0384438	21.7816	21.7816	0.0613305	15.0042	15.0042	1.80613	47.2098	23.2344	1
cg25435594	0.756329	1.0912	1.0912	0.0314619	2.02879	2.02879	0.482423	1.22161	1.22161	0.782742	0.925424	-1.08059	1.80612	2.24879	1.10675	1
cg22796958	0.198468	0.51918	-1.92611	0.0997085	0.41885	-2.38749	0.309597	0.602195	-1.66059	0.112753	0.434873	-2.29952	1.80612	6.65515	3.27536	1
cg17402325	0.0793116	2.10221	2.10221	0.243347	1.59303	1.59303	0.0331562	2.58548	2.58548	0.0527159	2.31635	2.31635	1.8061	4.16164	2.04819	1
cg17135191	0.0516039	0.621351	-1.6094	0.199209	0.747245	-1.33825	0.942814	1.01553	1.01553	0.427004	0.840126	-1.1903	1.8061	1.31967	0.649487	1
cg13835062	0.0559866	0.451325	-2.2157	0.135174	1.80731	1.80731	0.864926	1.06457	1.06457	0.841119	0.928894	-1.07655	1.80609	3.86312	1.90128	1
cg02426912	0.164881	0.679532	-1.4716	0.0290342	0.511192	-1.95621	0.388275	1.25933	1.25933	0.893278	1.03562	1.03562	1.80608	1.94506	0.957287	1
cg19778737	0.195687	0.590959	-1.69217	0.418546	1.37402	1.37402	0.8871	1.05612	1.05612	0.0844338	0.480129	-2.08278	1.80608	4.22651	2.08014	1
cg08276984	0.124486	0.794534	-1.2586	0.164286	1.22778	1.22778	0.928941	0.987742	-1.01241	0.263692	1.17482	1.17482	1.80607	0.546958	0.269195	1
cg22059431	?	?	?	0.0518115	0.289269	-3.457	0.437724	0.641653	-1.55848	0.103743	0.3689	-2.71076	1.81484	8.027	4.42298	1
cg16996661	0.827562	0.937443	-1.06673	0.859903	0.949031	-1.05371	0.701424	1.12083	1.12083	0.604726	0.856737	-1.16722	1.80604	2.50813	1.23444	1
cg13868520	0.172519	0.495969	-2.01625	0.463948	1.43336	1.43336	0.268352	0.573022	-1.74513	0.132977	2.18785	2.18785	1.80604	6.67252	3.28406	1
cg08627986	0.668504	0.908857	-1.10028	0.626451	1.11496	1.11496	0.59209	0.886925	-1.12749	0.615718	0.893797	-1.11882	1.80603	1.40786	0.692921	1
cg10861722	0.38241	1.46109	1.46109	0.462986	1.37196	1.37196	0.511505	0.754381	-1.32559	0.170141	0.538783	-1.85603	1.80602	5.12519	2.52252	1
cg13999688	0.127987	0.421044	-2.37505	0.900959	1.06764	1.06764	0.0197347	0.227592	-4.39383	0.100533	0.388413	-2.57458	1.80602	7.90418	3.89029	1
cg21110638	0.0276819	0.73088	-1.36821	0.78819	0.968089	-1.03296	0.471478	0.915561	-1.09223	0.209636	1.17263	1.17263	1.80601	0.414897	0.204206	1
cg12137156	0.980968	0.988568	-1.01156	0.736012	0.849504	-1.17716	0.0993991	2.38831	2.38831	0.879252	0.929344	-1.07603	1.80599	6.64549	3.27084	1
cg03329714	0.7956	1.0522	1.0522	0.398189	1.18475	1.18475	0.22771	0.780225	-1.28168	0.645621	1.095	1.095	1.80599	1.09871	0.540771	1
cg11583863	0.677068	1.17325	1.17325	0.684687	0.855776	-1.16853	0.121313	0.526862	-1.89803	0.252377	0.63374	-1.57794	1.80597	4.16269	2.04886	1
cg16658496	0.0391645	0.487663	-2.0506	0.0899274	0.56984	-1.75488	0.652851	1.14595	1.14595	0.700818	0.890335	-1.12317	1.80596	2.58935	1.27447	1
cg06352932	0.197562	1.55889	1.55889	0.447158	1.2873	1.2873	0.303057	1.41586	1.41586	0.579932	1.1999	1.1999	1.80596	3.03905	1.49581	1
cg17346176	0.926255	1.04269	1.04269	0.574111	1.29232	1.29232	0.611654	1.26013	1.26013	0.74264	0.861742	-1.16044	1.80594	5.83287	2.87095	1
ch.13.601939F	0.651203	0.670814	-1.49073	0.323487	0.408769	-2.44637	0.728368	0.736484	-1.3578	0.434265	0.496619	-2.01362	1.80594	22.0129	10.8348	1
cg17112426	0.177317	1.97624	1.97624	0.196005	0.522251	-1.91479	0.148923	0.479314	-2.08632	0.0813282	2.5042	2.5042	1.80592	6.45574	3.17758	1
cg20074340	0.351553	1.5373	1.5373	0.131682	2.07486	2.07486	0.434485	1.43001	1.43001	0.284719	1.64614	1.64614	1.80591	5.75425	2.8323	1
cg20979128	0.624878	1.15502	1.15502	0.163039	1.54568	1.54568	0.0968516	1.70407	1.70407	0.754099	1.09626	1.09626	1.80589	2.44643	1.20417	1
cg19530885	0.312674	0.483727	-2.06728	0.328531	0.495942	-2.01637	0.886718	0.905631	-1.1042	0.871242	1.11941	1.11941	1.80589	13.8308	6.80775	1
cg04094829	0.943542	1.04034	1.04034	0.983852	1.01137	1.01137	0.987088	0.991004	-1.00908	0.360856	0.591819	-1.68971	1.80587	8.91921	4.39022	1
cg03225003	0.810697	0.953598	-1.04866	0.106248	1.41805	1.41805	0.160691	1.3454	1.3454	0.0948461	0.695257	-1.43832	1.80586	1.12131	0.551934	1
cg15683542	0.249136	0.662181	-1.51016	0.918722	0.965673	-1.03555	0.386016	0.737776	-1.35542	0.621572	0.843433	-1.18563	1.80582	3.34941	1.64869	1
cg11626629	0.146909	2.29098	2.29098	0.514682	1.42168	1.42168	0.0884709	2.72051	2.72051	0.107154	2.55105	2.55105	1.8146	7.24399	3.99206	1
cg14580081	0.855213	1.02582	1.02582	0.273386	0.852908	-1.17246	0.300356	1.1616	1.1616	0.922297	0.986474	-1.01371	1.80581	0.557212	0.274282	1
cg02046589	0.531049	0.660386	-1.51427	0.219433	2.32676	2.32676	0.365428	1.83694	1.83694	0.0307023	0.190162	-5.25866	1.8058	12.2296	6.01993	1
cg25412641	0.831356	0.859669	-1.16324	0.23546	0.414128	-2.41471	0.460625	0.587082	-1.70334	0.965115	1.03149	1.03149	1.8058	14.3772	7.07706	1
cg10702191	0.21861	1.19636	1.19636	0.144917	0.804999	-1.24224	0.684248	0.944925	-1.05828	0.825816	1.03101	1.03101	1.80579	0.549023	0.270253	1
cg03783126	0.477711	0.618378	-1.61713	0.0731238	0.264267	-3.78405	0.252645	0.451306	-2.21579	0.769023	0.821955	-1.21661	1.80579	12.6798	6.24157	1
cg11207954	0.383344	0.847086	-1.18052	0.14886	1.33297	1.33297	0.547374	1.11967	1.11967	0.926357	1.01731	1.01731	1.80579	0.985653	0.485181	1
cg19484481	0.84434	1.06142	1.06142	0.0388367	2.06532	2.06532	0.458097	1.25746	1.25746	0.165583	1.5658	1.5658	1.80578	2.62939	1.29431	1
cg09544641	0.86568	1.02966	1.02966	0.112588	1.34745	1.34745	0.0942489	0.727878	-1.37386	0.161285	1.29471	1.29471	1.80577	0.852503	0.419644	1
cg14899716	0.167951	0.595208	-1.68008	0.261134	0.661149	-1.51252	0.77122	0.902177	-1.10843	0.865386	0.941854	-1.06174	1.80576	3.56519	1.75497	1
cg22704775	0.409509	0.882267	-1.13344	0.0395368	0.702178	-1.42414	0.897596	0.981061	-1.01931	0.230639	1.20532	1.20532	1.80572	0.630686	0.310463	1
ch.20.378824F	0.349049	0.427726	-2.33795	0.164043	0.270312	-3.69943	0.515473	0.559369	-1.78773	0.710626	0.720137	-1.38862	1.8057	22.1952	10.926	1
cg24809037	?	?	?	0.549901	1.89181	1.89181	0.101918	6.75347	6.75347	0.024375	18.2119	18.2119	1.90862	21.8312	13.3446	1
ch.6.609614F	0.69785	0.697426	-1.43384	0.231518	0.313744	-3.18731	0.440247	0.483345	-2.06891	0.401438	0.452366	-2.2106	1.80561	24.3992	12.0115	1
cg10311358	0.714254	1.10304	1.10304	0.115864	1.57742	1.57742	0.188969	1.4494	1.4494	0.120477	1.56699	1.56699	1.80561	2.03393	1.00129	1
cg11579281	0.0419831	0.468334	-2.13523	0.386942	0.75047	-1.3325	0.60798	1.18231	1.18231	0.588715	1.19327	1.19327	1.80561	2.99607	1.47494	1
cg19084427	0.0884468	2.12131	2.12131	0.544017	1.27853	1.27853	0.924588	1.03861	1.03861	0.482389	1.33064	1.33064	1.80559	4.57777	2.25363	1
cg11615395	0.44179	0.613486	-1.63003	0.0279837	0.198423	-5.03973	0.602946	0.72114	-1.38669	0.263731	2.0663	2.0663	1.80557	11.0974	5.46327	1
cg21877855	0.496234	0.912075	-1.0964	0.53058	1.08831	1.08831	0.809618	0.968359	-1.03268	0.0656422	1.3168	1.3168	1.80556	0.507465	0.249829	1
cg05340339	0.867049	0.954991	-1.04713	0.285323	1.35666	1.35666	0.429858	0.801322	-1.24794	0.430317	0.801506	-1.24765	1.80555	2.16039	1.06358	1
cg17736895	0.696296	1.07564	1.07564	0.118031	1.37093	1.37093	0.882225	0.97282	-1.02794	0.896031	1.0246	1.0246	1.80554	0.98804	0.486423	1
cg06697439	0.206897	0.704921	-1.4186	0.928473	1.02387	1.02387	0.515075	1.18934	1.18934	0.215224	1.40872	1.40872	1.80554	1.97329	0.971476	1
cg13224075	0.672823	1.12005	1.12005	0.476586	1.21311	1.21311	0.853021	1.05075	1.05075	0.419979	0.802576	-1.24599	1.80553	2.03732	1.003	1
cg10365447	0.690685	0.915894	-1.09183	0.0134515	0.510612	-1.95843	0.764544	1.0682	1.0682	0.210656	1.33605	1.33605	1.80553	1.37962	0.679207	1
cg27396760	0.972051	1.02766	1.02766	0.853241	0.865714	-1.15512	0.131092	0.280997	-3.55876	0.680622	0.724484	-1.38029	1.80553	17.3398	8.53666	1
cg09141635	0.444938	0.586767	-1.70425	0.0435773	0.204207	-4.89698	0.229689	0.421953	-2.36993	0.557639	0.666323	-1.50077	1.80552	13.4028	6.59846	1
cg15821605	0.813321	0.846215	-1.18173	0.89137	0.908052	-1.10126	0.401801	0.545685	-1.83256	0.368899	0.521304	-1.91827	1.80552	14.2479	7.01452	1
cg27296413	0.122195	0.539365	-1.85403	0.340268	0.69614	-1.43649	0.764704	1.11698	1.11698	0.349513	0.701228	-1.42607	1.80551	3.88392	1.91214	1
cg20637223	0.0206791	2.47282	2.47282	0.0760014	1.89952	1.89952	0.159138	1.63061	1.63061	0.152448	1.64549	1.64549	1.80545	3.0191	1.48641	1
cg13197521	0.440052	0.568592	-1.75873	0.0683054	0.231425	-4.32106	0.376457	0.521646	-1.91701	0.39054	0.53215	-1.87917	1.80543	14.7	7.23742	1
cg20963750	0.404459	0.860902	-1.16157	0.0769517	1.41245	1.41245	0.265436	0.815656	-1.22601	0.471829	0.879413	-1.13712	1.80543	0.881475	0.433988	1
cg21060925	0.152519	1.32076	1.32076	0.0561112	0.675188	-1.48107	0.850424	1.03487	1.03487	0.214685	1.26761	1.26761	1.8142	0.841778	0.463993	1
cg09476306	0.0753504	0.392748	-2.54616	0.220266	0.544235	-1.83744	0.947543	0.969419	-1.03155	0.349609	0.634771	-1.57537	1.8054	6.37109	3.1368	1
cg23873654	0.538765	0.803727	-1.2442	0.016941	0.359676	-2.78028	0.140425	0.573051	-1.74505	0.423087	0.750316	-1.33277	1.80539	3.52432	1.73521	1
cg15927927	0.435736	1.22293	1.22293	0.0348179	0.536555	-1.86374	0.109335	0.642836	-1.55561	0.585748	1.14945	1.14945	1.80538	1.83152	0.901757	1
cg22732672	0.787395	0.962647	-1.0388	0.807118	1.03505	1.03505	0.89869	1.0181	1.0181	0.138266	1.25201	1.25201	1.80537	0.56708	0.279207	1
cg04136290	0.561958	0.66548	-1.50267	0.277515	2.19097	2.19097	0.678372	1.33593	1.33593	0.4916	0.615596	-1.62444	1.81414	12.3194	6.79079	1
cg00904407	0.61215	0.808809	-1.23639	0.526178	1.30546	1.30546	0.435632	1.3911	1.3911	0.347327	0.669246	-1.49422	1.80535	4.92483	2.4248	1
cg04337386	0.0183332	0.509346	-1.9633	0.795785	1.06108	1.06108	0.825537	0.950794	-1.05175	0.194571	0.72885	-1.37202	1.8797	1.52167	0.629635	1
cg08196667	0.371589	1.70866	1.70866	0.215988	0.4675	-2.13904	0.142489	0.39829	-2.51073	0.107678	0.358745	-2.7875	1.80534	9.74963	4.80038	1
cg02725795	0.271657	1.15826	1.15826	0.807506	0.969323	-1.03165	0.403381	0.896286	-1.11572	0.45137	1.10318	1.10318	1.87969	0.474516	0.196345	1
cg02768162	0.806453	0.91802	-1.0893	0.563802	0.816001	-1.22549	0.00804774	0.306364	-3.26409	0.579923	0.822986	-1.21509	1.80531	3.47175	1.7094	1
cg01039355	0.489152	0.57397	-1.74225	0.916757	0.920712	-1.08612	0.391896	0.500027	-1.99989	0.0954792	0.23524	-4.25098	1.8053	17.8506	8.78924	1
cg23409130	0.561978	1.07098	1.07098	0.68761	1.04841	1.04841	0.239628	1.15491	1.15491	0.21038	0.856954	-1.16692	1.80529	0.39112	0.19258	1
cg02145932	0.348658	1.18103	1.18103	0.673035	1.07594	1.07594	0.527728	1.11665	1.11665	0.0508395	1.46762	1.46762	1.80527	0.850228	0.418641	1
cg02052721	0.731614	1.06091	1.06091	0.54578	1.1107	1.1107	0.0432269	0.670754	-1.49086	0.756761	0.948043	-1.0548	1.80525	0.843203	0.415186	1
cg17344085	0.356534	1.22222	1.22222	0.839784	1.04377	1.04377	0.346215	1.22786	1.22786	0.132287	0.709123	-1.41019	1.80524	1.28028	0.630402	1
cg20653717	0.652588	0.673933	-1.48383	0.237727	0.340589	-2.93609	0.194981	0.303076	-3.29951	0.576614	0.611883	-1.6343	1.80524	21.6824	10.6763	1
cg02617361	0.343662	0.727747	-1.3741	0.649654	1.16065	1.16065	0.125574	0.582716	-1.7161	0.758564	1.10566	1.10566	1.814	2.71045	1.49418	1
cg11837713	0.244863	1.53503	1.53503	0.236168	1.54852	1.54852	0.0406084	2.29996	2.29996	0.32587	1.42955	1.42955	1.80522	3.54822	1.74714	1
cg18545992	0.467527	1.16906	1.16906	0.670303	0.913484	-1.09471	0.507914	0.867682	-1.1525	0.0799437	0.66329	-1.50764	1.80522	1.27651	0.628552	1
cg22909901	0.666079	1.13652	1.13652	0.0117999	2.52667	2.52667	0.0782737	1.77997	1.77997	0.181348	1.51931	1.51931	1.80521	2.48408	1.22316	1
cg24354208	0.592017	0.738337	-1.3544	0.0196893	0.206019	-4.85392	0.234109	0.496862	-2.01263	0.0944327	2.80363	2.80363	1.80521	8.99018	4.42677	1
cg26889928	0.807032	1.05755	1.05755	0.021117	0.530436	-1.88524	0.395569	1.22011	1.22011	0.268488	1.30151	1.30151	1.80521	1.49473	0.736008	1
cg13796796	0.248666	1.24245	1.24245	0.0374921	0.647547	-1.54429	0.980582	0.995628	-1.00439	0.0653149	0.689026	-1.45132	1.80514	0.926561	0.456258	1
cg11964564	0.0264383	0.62111	-1.61002	0.0747451	0.69824	-1.43217	0.503259	1.1308	1.1308	0.846729	1.03564	1.03564	1.80514	0.936178	0.460993	1
cg24845207	0.409871	0.859735	-1.16315	0.379237	1.17557	1.17557	0.100183	0.723984	-1.38125	0.0232602	0.614871	-1.62636	1.80514	0.919291	0.452678	1
cg09423126	0.849019	0.938921	-1.06505	0.208802	0.64523	-1.54984	0.0743821	0.518189	-1.9298	0.102338	1.80615	1.80615	1.80512	3.12644	1.53954	1
cg09854775	0.580599	0.849999	-1.17647	0.00909713	0.380926	-2.62518	0.765407	1.09106	1.09106	0.148699	1.56999	1.56999	1.80512	2.42466	1.19397	1
cg00760321	0.0551383	0.412731	-2.42289	0.320075	0.658248	-1.51918	0.50382	1.31799	1.31799	0.523363	0.76856	-1.30114	1.81389	4.23014	2.33208	1
cg19768599	0.398988	1.73398	1.73398	0.237765	2.19971	2.19971	0.341169	0.535136	-1.86868	0.0238566	5.57728	5.57728	1.80512	11.6165	5.72028	1
cg18251222	0.311581	2.05974	2.05974	0.0166915	7.5148	7.5148	0.640613	0.722869	-1.38338	0.814245	0.850055	-1.17639	1.82438	10.7066	6.70698	1
cg13588346	0.713307	0.852606	-1.17287	0.415839	1.4324	1.4324	0.278212	1.62779	1.62779	0.203323	0.55977	-1.78645	1.80511	5.33792	2.62855	1
cg06900843	0.149431	0.532112	-1.8793	0.803934	0.903456	-1.10686	0.636362	0.823338	-1.21457	0.264346	0.621973	-1.60779	1.8051	4.76281	2.34536	1
cg02459704	0.149658	0.476079	-2.10049	0.706877	0.834012	-1.19902	0.592501	0.771383	-1.29637	0.0999547	0.420595	-2.37759	1.8051	6.5994	3.24975	1
cg13783177	0.194844	1.94246	1.94246	0.579763	1.31103	1.31103	0.809499	1.12405	1.12405	0.660026	0.807085	-1.23903	1.80507	6.70201	3.30033	1
cg03351154	0.149386	2.0419	2.0419	0.190282	0.527011	-1.8975	0.954496	1.0267	1.0267	0.814217	1.11483	1.11483	1.80505	6.09632	3.00211	1
cg24974477	0.164205	0.7667	-1.30429	0.855223	0.967839	-1.03323	0.708844	1.06944	1.06944	0.265492	1.23083	1.23083	1.80503	0.915782	0.450977	1
cg11847126	0.593847	0.907957	-1.10137	0.0141566	1.72128	1.72128	0.916031	0.981258	-1.0191	0.283642	1.22119	1.22119	1.80503	0.919989	0.453049	1
cg12103569	0.633362	0.911611	-1.09696	0.0538829	0.656083	-1.5242	0.83625	1.04066	1.04066	0.0466635	0.644895	-1.55064	1.80503	1.06015	0.522069	1
cg02536263	0.432796	1.98655	1.98655	0.0148803	13.045	13.045	0.0441722	7.2607	7.2607	0.10298	4.6161	4.6161	1.80501	21.0189	10.3509	1
cg01334504	0.641565	1.42418	1.42418	0.021493	0.12454	-8.02957	0.389851	1.94371	1.94371	0.695798	1.34497	1.34497	1.80501	16.2624	8.00855	1
cg14918214	0.69595	1.10922	1.10922	0.941718	1.01949	1.01949	0.32519	1.30754	1.30754	0.047523	1.81896	1.81896	1.805	1.9916	0.980783	1
cg00973276	0.211982	0.686807	-1.45601	0.12531	0.622453	-1.60655	0.206399	1.46351	1.46351	0.364704	1.30494	1.30494	1.80499	2.33434	1.14957	1
cg08828403	0.866877	0.983616	-1.01666	0.339726	0.907655	-1.10174	0.818655	0.97764	-1.02287	0.0198338	1.31911	1.31911	1.80499	0.277189	0.136505	1
cg17981439	0.138828	0.358141	-2.7922	0.414812	0.584382	-1.71121	0.464906	0.619196	-1.615	0.261232	0.46996	-2.12784	1.80499	11.8734	5.84722	1
cg08825291	0.301456	0.804998	-1.24224	0.060978	0.651897	-1.53398	0.245453	0.781812	-1.27908	0.236138	1.28599	1.28599	1.80496	1.17353	0.577929	1
cg07638368	0.37377	0.480537	-2.08101	0.213984	0.349856	-2.85832	0.985381	0.985401	-1.01482	0.482223	0.563658	-1.77413	1.80493	18.4177	9.0703	1
cg19186356	0.934471	0.967846	-1.03322	0.0481453	0.407535	-2.45377	0.131401	0.523464	-1.91035	0.159736	0.550417	-1.81681	1.80492	4.51535	2.22372	1
cg23735602	0.708221	0.807649	-1.23816	0.249168	1.98262	1.98262	0.0202503	4.90755	4.90755	0.27834	1.89749	1.89749	1.8049	9.23006	4.54567	1
cg07531549	0.123269	0.451008	-2.21726	0.0241545	0.277418	-3.60466	0.674873	0.817742	-1.22288	0.276033	0.582508	-1.71671	1.80489	6.50226	3.2023	1
cg00377358	0.0445411	0.353249	-2.83086	0.182528	0.528275	-1.89295	0.163736	0.511513	-1.95499	0.339634	0.641502	-1.55884	1.80487	5.81639	2.86454	1
cg19273715	0.409871	1.27877	1.27877	0.349458	0.859545	-1.16341	0.173538	1.25551	1.25551	0.47146	1.12209	1.12209	1.80487	0.705861	0.347633	1
cg08776711	0.948025	0.970393	-1.03051	0.357468	1.54694	1.54694	0.595217	0.780982	-1.28044	0.951614	1.02837	1.02837	1.80486	6.07516	2.99199	1
cg25960403	0.500597	1.24083	1.24083	0.0364524	2.15413	2.15413	0.175807	1.5751	1.5751	0.237086	0.676417	-1.47838	1.80485	2.84743	1.40236	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T vs. 047 vs. N)	Fold-Change(1-vs-105T vs. N)	Fold-Change(1-vs-105T vs. 057 vs. N)	Fold-Change(1-vs-105T vs. N)	Ratio(111T vs. N)	Fold-Change(1-vs-112T vs. 117 vs. N)	Fold-Change(1-vs-112T vs. N)	Fold-Change(1-vs-121T vs. 127 vs. N)	Fold-Change(1-vs-121T vs. N)	Ratio(121T vs. 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477T vs. N)	Fold-Change(477T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg06566078	SLC6A5	0.208867	0.269129	-1.08206	-1.43224	0.868801	1.05296	1.05296	0.855689	0.946267	-1.05078	0.859036	1.05706	1.05706	0.247646	0.685716	-1.45833	0.014502	0.980587	-2.56025	0.0941335	0.562992	-1.77622	0.737472	1.11072	1.11072	0.189573	0.648076	-1.54303	1.80485	2.78519	1.37171	1
cg20740765	S1PR1	0.208869	0.793875	0.961793	-1.03972	0.160664	0.800163	-1.24975	0.652993	0.934886	-1.06965	0.661687	1.0677	1.0677	0.32923	1.16161	1.16161	0.0719849	1.34824	1.34824	0.584185	0.921067	-1.0857	0.428782	1.1277	1.1277	0.0369736	1.643391	1.43391	1.80483	0.6326559	0.311587	1
cg18599162	MTMR15	0.208872	0.596317	0.869924	-1.14953	0.189306	1.43685	1.43685	0.432269	1.23234	1.23234	0.501201	0.836983	-1.19477	0.428845	0.810152	-1.23434	0.333836	1.29671	1.29671	0.0188573	2.09905	2.09905	0.323887	1.30419	1.30419	0.437653	0.813525	-1.22922	1.80482	1.94222	0.956557	1
cg15124711	KCNIP1;KCNIP1;KCNIP1	0.208877	0.817314	1.09909	1.09909	0.2277923	0.328968	-1.03934	0.1221146	0.503728	-1.9852	0.663479	1.99558	1.99558	0.737662	0.871832	-1.14701	0.684894	1.17809	1.17809	0.0661436	0.43129	-2.31863	0.451916	0.733475	-1.3671	0.674309	1.18821	1.18821	1.8048	4.75842	2.34359	1
cg27388983	ZNF256	0.208882	0.258092	1.59161	1.59161	0.0441585	0.39665	-2.52111	0.38464	0.704622	-1.4192	0.840846	0.467792	-2.1377	0.158578	0.55114	-1.81442	0.690406	0.854901	-1.16973	0.401207	0.713635	-1.40128	0.461407	1.34202	1.34202	0.198631	0.585056	-1.70924	1.87907	0.45996	1.84605	1
cg29181489	RXRB	0.208883	0.648515	0.885574	-1.12921	0.00652369	0.392626	-2.54695	0.631809	0.880122	-1.1362	0.825293	1.06202	1.06202	0.976268	1.0079	1.0079	0.357161	0.778433	-1.28463	0.299682	0.752556	-1.3288	0.575251	1.16153	1.16153	0.840147	1.05487	1.05487	1.00957	0.984841	1
cg24380053	IQSEC1	0.208884	0.878416	1.10753	1.10753	0.0117687	8.15863	8.15863	0.163558	2.69657	2.69657	0.742746	1.24575	1.24575	0.186741	0.393087	-2.54397	0.569801	1.46699	1.46699	0.34981	1.90043	1.90043	0.744313	1.24401	1.24401	0.765258	1.12213	1.12213	1.80477	12.7225	6.26614	1
cg16597437	MAP2K3	0.208893	0.287086	0.679454	-1.47177	0.247137	1.72227	1.72227	0.152324	1.01004	0.637482	-1.52095	0.237166	1.54186	1.54186	0.992141	1.00945	1.00945	1.00945	0.133913	1.75973	1.75973	0.165796	0.596464	-1.67655	0.174263	0.600324	-1.66748	0.56283	1.8151022	-1.22696	1.80473	3.49389	1.72086	1
cg00185032	TOP1MT	0.208894	0.70081	1.08433	1.08433	0.0555955	1.57601	1.57601	0.893602	1.08496	1.08496	0.243953	1.29129	1.29129	0.224863	1.30648	1.30648	0.999847	0.99996	-1.00004	0.0203282	1.7978	1.7978	0.417156	1.18992	1.18992	0.139064	0.843395	0.84339	1.80472	1.25698	0.619109	1
cg10448562	PSMB6	0.208895	0.437091	1.6126	1.6126	0.793743	0.853901	-1.1711	0.891036	0.920701	-1.08613	0.166372	2.43395	2.43395	0.348322	1.78964	1.78964	0.638819	0.75205	-1.3297	0.015674	0.167714	-5.96253	0.920796	1.06178	1.06178	0.353692	1.77747	1.77747	1.80472	10.3851	5.11505	1
cg01057497	HMGCS1;HMGCS1	0.208905	0.501411	1.97986	1.97986	0.0154494	4.34839	4.34839	0.0435025	1.55513	1.55513	0.0907997	1.55111	-1.61766	0.0448247	0.639552	-1.4588	0.810315	0.783574	0.99202	-1.00798	0.523146	0.558742	-1.79027	-1.25388	0.803806	1.28719	1.28719	1.80467	20.4638	14.4828	1
cg07434082	7-APHGEF7	0.208908	0.237334	1.62963	1.62963	0.0857811	2.11498	2.11498	0.160685	2.00625	2.00625	0.293911	1.53791	1.53791	0.890506	0.947114	-1.05584	0.0596919	2.31239	2.31239	0.0468822	2.45338	2.45338	0.205128	1.28922	1.28922	0.645764	1.833118	1.20031	1.80466	4.44781	2.19078	1
cg15074329	WNT6	0.208909	0.753994	1.03583	1.03583	0.943399	1.00798	1.00798	0.978123	1.00308	1.00308	0.0669282	1.25855	1.25855	0.730645	1.03945	1.03945	0.417773	0.911455	-1.09715	0.38467	0.905021	-1.10495	0.279119	1.13427	1.13427	0.0195957	1.37132	1.37132	1.80465	0.3583517	0.17649	1
cg22884857	PWRN1	0.208909	0.0328051	0.197616	-5.06544	0.380343	0.557379	-1.79443	0.437992	1.67202	1.67202	0.986761	0.989277	-1.01084	0.239231	2.26696	2.26696	0.937891	1.05194	1.05194	0.779125	1.11992	1.11992	0.277122	0.278869	-3.58592	0.241169	0.450585	-2.21934	1.80465	12.0664	5.94334	1
cg02892295	APOD01	0.208911	0.318525	1.40555	-2.5795	0.0107902	0.105969	-9.4357	0.0882075	0.256546	-3.77935	0.184394	0.996385	-1.00358	0.216825	0.557883	-2.79421	0.62491	1.07978	1.07978	-1.41247	0.316125	0.488648	-2.06762	0.793581	0.832109	-1.20177	0.878807	1.12084	1.12084	1.80464	14.0397	6.91536	1
cg07379204	MAP1S	0.208911	0.6056093	1.21858	1.21858	0.0581279	2.25454	2.25454	0.0106142	3.38654	3.38654	0.271473	1.54431	1.54431	0.958855	0.980606	-1.01978	0.3677139	0.93869	-1.06531	0.393137	1.39385	1.39385	0.692506	1.16286	1.16286	0.41572	1.37133	1.37133	1.80464	4.11875	2.02872	1
cg24256792	TCEB3	0.208921	0.485037	0.83273	-1.20087	0.342675	1.28687	1.28687	0.67058	0.897734	-1.11461	0.609584	0.875576	-1.14211	0.609784	1.10583	1.10583	0.219447	0.45463	-2.20234	0.260899	0.740046	-1.34581	0.390982	1.3193	1.3193	0.591893	1.14983	1.14983	1.8046	1.90227	0.936999	1
cg04680037	RNF19B;RNF19B	0.208923	0.135199	1.36985	1.36985	0.301582	1.12654	1.12654	0.976769	1.05571	1.05571	0.237037	1.27391	1.27391	0.0600575	1.51367	1.51367	0.419905	0.851252	-1.17474	0.137109	0.731298	-1.36743	0.351808	1.20593	1.20593	0.210911	1.29463	1.29463	1.80459	1.0915	0.537643	1
cg17275700	FAM190A	0.208924	0.289142	1.43072	1.43072	0.997198	1.00114	1.00114	0.0611161	1.98768	1.98768	0.522385	1.23497	1.23497	0.430042	0.76935	-1.2998	0.801531	0.921281	-1.08544	0.045948	0.474901	-2.1057	0.368025	1.3512	1.3512	0.290114	1.42961	1.42961	1.80458	3.02857	1.49179	1
cg26421181	FBF1	0.208926	0.0666469	0.670936	-1.49019	0.570681	1.75256	1.75256	-1.13556	0.643124	0.841296	-1.18864	1.82318	1.05096	1.82318	0.550562	1.15265	0.924774	0.979251	-1.02119	0.0229718	0.561293	-1.78276	0.454435	0.948242	-1.201	0.125551	1.44493	1.44493	1.80457	1.40871	0.693895	1
cg13195164	MAP2K1	0.208929	0.939532	1.02677	1.02677	0.100583	0.534566	-1.87068	0.315631	0.696785	-1.43516	0.355577	0.718281	-1.39221	0.0353897	0.426124	-2.34673	0.594377	0.829322	-1.2058	0.0804064	1.92605	1.92605	0.92308	0.966931	-1.0342	0.988614	1.00498	1.00498	1.80456	3.46518	1.70688	1
cg26572688	OLIG1	0.208931	0.357791	0.588395	-1.69914	0.0289534	0.728268	-1.37213	0.0781864	0.940546	0.940546	0.27906	0.0669947	0.316217	-3.16238	0.630515	1.31228	1.31228	0.632782	0.76428	-1.30888	0.802644	1.10324	1.10324	0.664194	1.47698	1.47698	0.803465	1.15007	1.15007	1.80455	8.49661	4.42463	1
cg13936874	DCX;DCX;DCX;DCX	0.208934	0.433068	0.841561	-1.18827	0.995479	0.998779	-1.00122	0.17413	0.732174	-1.36579	0.964916	1.00953	1.00953	0.0760575	0.653344	1.53059	0.946197	1.01466	1.01466	0.0272075	0.569156	-1.75699	0.264979	0.778417	-1.28466	0.255243	1.2919	1.2919	1.80454	1.32873	0.654513	1
cg27502666	CDX7C	0.208935	0.969102	0.990147	-1.00995	0.578862	0.57804	-1.72998	0.0341554	0.53197	-1.8788	0.194421	0.704017	-1.42038	0.366308	1.26778	1.26778	0.629472	0.883134	-1.13233	0.83576	0.963917	-1.03791	0.149771	1.59305	1.59305	0.0528018	1.74724	1.74724	0.0097016	2.58577	2.58577	1.80441	2.40925	1.13684	1
cg20001978	NAP1L2;MAP1L2	0.208939	0.0404128	0.708951	-1.41057	0.748408	0.790245	-1.26543	0.194778	0.866523	-1.15469	0.603177	0.99721	-1.00278	0.0253412	0.388466	2.57401	0.152892	0.972513	-1.02805	0.565977	0.597216	-1.67354	0.122959	1.29433	-1.33733	0.534005	0.703024	0.99108	-1.00901	0.80357	1.59477	2.09357	1.80441	1
cg25005633	VARS2;VARS2;VARS2;VARS2;VARS2	0.208939	0.286922	1.1962	1.1962	0.805343	1.04081	1.04081	0.282266	0.834416	-1.19844	0.234201	0.817065	-1.22389	0.68167	1.0691	1.0691	0.545606	0.905659	-1.10417	0.808948	0.961516	-1.04002	0.0187216	1.5866	1.5866	0.277088	1.20098	1.20098	1.80452	0.750138	0.369512	1
cg27437823	MAP3K14	0.208943	0.10093	1.60984	1.60984	0.182734	2.45389	2.45389	0.0145268	1.43225	1.43225	0.301842	1.32656	1.32656	0.0389496	0.880398	1.88038	0.138902	1.52323	1.52323	0.0616437	1.72187	1.72187	0.0607877	1.10239	1.10239	0.81289	0.876965	0.90212	-1.10852	1.2656	1.09464	0.982554	1
cg16513905	ETF1	0.208947	0.696731	1.17224	1.17224	0.417042	0.714242	-1.40009	0.417359	1.39975	1.39975	0.980185	1.00103	1.00103	0.711154	0.859914	-1.16291	0.473825	0.744039	-1.34391	0.0768754	0.222173	0.2109895	-4.73998	0.112438	0.324238	0.273441	1.58796	1.58796	1.80448	4.70519	2.31778	1
cg23050981	LLCAM;LLCAM;LLCAM-TMEDS;TMED5;CCDC18;TMED	0.208953	0.353641	0.742061	-1.3476	0.0125937	0.379148	-2.63749	0.866124	0.948623	-1.05416	0.561716	0.832426	-1.20131	0.489641	0.803014	-1.24531	0.0568984	0.509881	-1.96124	0.39102	0.759775	-1.31618	0.337811	0.734269	-1.3619	0.549233	1.20856	1.20856	1.80445	2.79255	1.37564	1
cg24658158	S.TMED5	0.208954	0.665267	1.20301	1.20301	0.307017	0.63826	-1.56676	0.563425	1.28148	1.28148	0.332239	1.52917	1.52917	0.94622	0.970935	-1.02994	0.532092	0.764358	-1.30829	0.265136	1.63738	1.63738	0.0294262	2.97141	2.97141	0.052121	2.55501	2.55501	1.80445	5.15226	2.53806	1
cg25385684	C11orf10;FEN1	0.208954	7	1.38577	1.38577	0.0472524	2.46576	2.46576	0.0245177	1.26626	1.26626	0.0818048	1.38302	1.38302	0.0144232	0.583108	-1.71442	0.849091	0.827349	-1.20889	0.162696	1.08394	1.08394	0.61544	1.84065	1.84065	-1.17087	0.301579	1.58062	1.58062	1.8132	1.46755	2.57384	1
cg21249865	NR5A1	0.208956	0.137557	0.712974	-1.40257	0.0899866	0.673455	-1.48488	0.0292325	0.580735	-1.72196	0.756106	1.06813	1.06813	0.638887	1.10515	1.10515	0.666997	1.0959	1.0959	0.321618	1.24187	1.24187	0.408667	0.863295	-1.19575	0.989051	1.00291	1.00291	1.80444	1.27895	0.630025	1
cg21802900	UNC5C	0.208961	0.948546	1.01891	1.01892	0.781528	1.04907	1.04907	0.589667	1.17127	1.17127	0.777203	1.08586	1.08586	0.246395	1.42186	1.42186	0.905687	0.966171	-1.03501	0.692218	0.808064	1.19226	0.0862718	1.74724	1.74724	0.0097016	2.58577	2.58577	1.80441	2.40925	1.13684	1
cg20060096	RBM6;RBM6	0.208963	0.481786	1.07499	1.07499	0.0995534	0.742818	-1.34694	0.0135377	0.784994	0.784994	0.0135377	1.28474	1.28474	0.0157738	0.585232	-1.70853	0.659514	1.07065	1.07065	0.0567447	0.66365	-1.50682	0.415656	0.739287	-1.35262	0.111325	1.3044	1.3044	1.80435	1.01808	0.508886	1
cg04501438	SP4	0.208965	0.907875	1.05014	1.05014	0.743117	1.1491	1.1491	0.590192	0.794719	-1.25831	0.343861	1.50994	1.50994	0.230597	1.70146	1.70146	0.794662	1.11665	1.11665	0.0121802	0.267071	-3.74432	0.897457	0.940969	-1.056	0.347261	1.50532	1.50532	1.8044	5.10377	2.51424	1
cg09286183	SYNGR3	0.208965	0.768113	1.08172	1.08172	0.755727	1.36556	1.36556	0.0339397	1.36086	1.36086	0.0339397	1.32882	1.32882	0.0228766	0.747677	-1.33742	0.535093	1.24395	1.24395	0.488365	0.868676	1.15081	1.15081	0.675251	1.26811	1.26811	0.675251	1.25234	1.25234	1.80439	0.817906	0.61567	1.80439	0.840567	0.65253	1.80439	0.840567	0.65253	1.80439	0.840567	0.65253

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg02753742	C4orf45;C4orf45	0.209242	0.29182	1.47426	0.147426	0.997976	0.9991	-1.0019	0.0707551	0.488426	2.06739	0.117801	0.547298	-1.82716	0.435773	1.32516	1.32516	0.647096	1.17772	1.17772	0.0412333	0.433586	-2.30635	0.609786	0.8583861	-1.65501	0.8737273	0.945141	1.035804	1.80313	3.59654	1.77299	1
cg04359606	SNED1	0.209249	0.355208	0.855065	-1.1695	0.564654	0.908594	-1.1006	0.0101543	0.586388	-1.77035	0.698256	1.06624	1.06624	0.631433	0.923511	1.08282	0.599856	1.09106	1.09106	0.202868	1.24772	1.24772	0.991886	1.00168	1.00168	0.75897	0.950594	-1.05197	1.80309	0.77402	0.381577	1
cg26163463	EIF4EBP3;ANKH0-EIF4EBP3	0.20925	0.743265	0.959168	-1.04257	0.8709912	1.2708	1.2708	0.172225	1.20238	1.20238	0.0151815	1.45982	1.45982	0.487882	0.914487	-1.09351	0.902011	0.984498	-1.01575	0.591476	1.07114	1.07114	0.90002	0.984183	-1.01607	0.581306	1.07321	1.07321	1.80309	0.459452	0.226501	1
cg00120210	SEC13;A;SEC13A	0.209253	0.499723	1.19119	1.19119	0.239106	0.729943	-1.36997	0.321105	0.709679	-1.29924	0.206908	1.40483	1.40483	0.34795	1.08582	1.08582	0.863866	1.25438	1.25438	0.0266637	0.516166	-1.95566	0.365167	0.7885581	-1.26822	0.505638	1.18825	1.18825	1.80307	1.86229	0.91808	1
cg06457149	LRCH2	0.209256	0.304189	0.71127	-1.40594	0.0136778	0.576696	-2.65466	0.163717	0.621357	-1.60938	0.625378	0.85424	-1.17063	0.10189	0.563678	-1.77406	0.686707	1.13862	1.13862	0.498706	0.802688	-1.24594	0.713316	0.8885565	-1.12541	0.554417	1.21101	1.21101	1.80306	2.9273	1.44313	1
cg16975027	GLS;GLS	0.209274	?	?	?	0.0368864	4.29974	4.29974	0.0445156	4.60787	4.60787	0.280997	1.96253	1.96253	0.386576	1.70583	1.70583	0.200931	2.25409	2.25409	0.125301	2.71364	2.71364	0.926443	0.949547	1.05734	0.2798873	1.96587	1.96587	1.8117	9.23417	5.09696	1
cg27361250	MANBA	0.209278	0.848183	1.03613	1.03613	0.870952	0.970341	-1.03057	0.0669825	0.683687	-1.46266	0.438794	1.15748	1.15748	0.0196313	1.5537	1.5537	0.341225	1.19916	1.19916	0.226113	0.790267	-1.2654	0.568128	0.8986666	-1.11276	0.621786	0.912025	-1.09646	1.80296	0.979301	0.482812	1
cg04935259	SNORA49;EP400	0.209279	0.189095	0.768247	-1.30167	0.5654273	1.11639	1.11639	0.346384	0.792397	-1.26199	0.146975	0.760725	-1.34994	0.302542	1.07942	1.07942	0.491102	1.14172	1.14172	0.0653283	1.49054	1.49054	0.642265	0.921309	-1.08541	0.14116	0.740894	-1.34972	1.80296	1.02545	0.505565	1
cg14888779	STK31;STK31;STK31	0.209282	0.610675	0.893819	-1.11809	0.2233672	1.80818	1.80818	0.18524	1.55955	1.55955	0.144812	0.712824	-1.40287	0.769678	1.06629	1.06629	0.653818	1.10372	1.10372	0.204135	1.34043	1.34043	0.274318	1.28229	1.28229	0.784669	1.06171	1.06171	1.80294	1.36484	0.672894	1
cg01588776	RIT1	0.209282	0.960936	1.0122	1.0122	0.152053	0.683924	-1.46215	0.442488	1.21396	1.21396	0.541165	1.16551	1.16551	0.334642	1.27936	1.27936	0.025663	1.92747	1.92747	0.387712	0.803159	-1.24508	0.45658	0.828841	-1.2065	0.235056	1.3609	1.3609	1.80294	1.75045	0.863008	1
cg24133668	TBX4;KIS1;TBX4S1;HIPK2;HIPK2	0.209283	0.949029	1.01904	1.01904	0.727425	1.14772	1.14772	0.212676	1.32856	1.32856	0.0537963	0.826126	1.32856	0.0159943	1.24104	1.24104	0.430952	1.16365	1.16365	0.843451	0.888229	1.12576	1.12576	0.9722112	1.02836	0.868186	1.15206	1.15206	1.80293	1.99503	0.276132	1.97132	1.97132	1.80292	10.2482	0.505314	1
cg07622696	NDRG4;NDRG4;NDRG4	0.20928	0.558845	0.757526	-1.28913	0.195351	1.80107	1.80107	0.75137	1.14632	1.14632	0.481025	1.36032	1.36032	0.781114	0.887213	-1.12713	0.103004	0.464739	-2.15175	0.321666	0.644128	-1.55249	0.225534	1.72773	1.72773	0.0457751	2.6745	2.6745	1.80291	5.27016	2.59835	1
cg25716915	HERC5;HERC6	0.209291	0.0426248	0.524115	-1.60227	0.582854	0.804016	-1.11855	0.777562	0.944402	-1.05887	0.416018	0.845434	-1.18283	0.224872	0.729898	-1.29666	0.534899	1.10144	1.10144	0.314559	0.768046	-1.30203	0.291049	1.24769	1.24769	0.110473	1.42092	1.42092	1.8029	1.15487	0.574418	1
cg11106262	SLIT1	0.209292	0.26155	0.603971	-1.65571	0.740144	0.866457	-1.15412	0.708109	1.17583	1.17583	0.681926	0.837388	-1.19419	0.011592	0.708583	-1.83932	0.108621	0.470631	-2.1248	0.456765	1.38596	1.38596	0.783234	0.8880317	-1.12611	0.353638	1.662984	1.662984	1.80289	1.50833	0.8029	1
cg15987431	MIR182;FAM89A	0.2093	0.161906	0.345139	-2.89738	0.78421	1.21596	1.21594	0.729412	0.780857	-1.28061	0.908014	1.58581	1.58581	0.0184409	0.631166	-1.72392	0.096289	0.272323	-3.67211	0.101266	0.278558	-3.58992	0.947077	0.953817	-1.04842	0.301158	0.466232	-2.14486	1.80286	14.4866	7.14253	1
cg07222863	C8orf56;BAALC;BAALC	0.20933	0.673005	0.821017	-1.16007	0.448924	0.765474	-1.3068	0.615862	1.19114	1.19114	0.0707824	2.0263	2.0263	0.713152	1.13787	1.13787	0.725406	0.883951	-1.13128	0.0428944	0.824493	-2.25992	0.117036	0.5512246	-1.81407	0.597653	1.30479	1.30479	1.80285	3.1665	1.72252	1
cg21571423	ASH1L	0.209301	0.123221	0.801681	-1.24738	0.367288	0.13043	1.13043	0.756544	1.04203	1.04203	0.843777	1.02646	1.02646	0.492176	0.911789	-1.09674	0.746546	1.04386	1.04386	0.0135696	1.49832	1.49832	0.681332	0.946804	-1.05638	0.672844	1.05783	1.05783	1.80286	0.5003366	0.246703	1
cg02151398	CELSR1	0.209303	0.164412	0.483845	-2.35193	0.0103054	0.516094	-1.47363	0.0944803	0.380557	-2.62911	0.910067	1.06222	1.06222	0.525231	0.586316	-1.70615	0.639277	0.780157	-1.28179	0.709128	0.821145	-1.21781	0.615326	0.519917	-1.92338	0.809611	0.880792	-1.13534	1.80285	9.89652	3.89335	1
cg13569449	DIRAS2	0.209304	0.983823	0.997177	-1.00283	0.6053374	0.749234	-1.3947	0.57572	0.924443	-1.08169	0.0885644	0.913551	1.09481	0.282732	0.940936	1.06308	0.710038	1.01058	1.01058	0.9388	0.785719	1.03873	1.03873	0.102066	1.26487	1.26487	0.0977727	1.28823	1.28823	1.80282	1.08284	0.555032	0.273658	1
cg14955300	NOTUM	0.209304	0.0423493	4.22267	4.22267	0.42907	0.613919	-1.62888	0.64206	1.32621	1.32621	0.612711	1.36061	1.36061	0.179607	0.420312	-2.37918	0.207705	0.446223	-2.24103	0.288035	0.512539	-1.95107	0.5796	1.40164	1.40164	0.186236	0.426594	-2.34415	1.87694	10.5628	4.3771	1
cg08085199	CIB4;A	0.209307	0.293536	0.784133	-1.27526	0.2886	0.732113	1.52736	0.642907	1.10245	1.10245	0.397703	0.843424	1.29152	0.0944262	0.663447	-1.50773	0.245558	0.762569	-1.31136	0.163071	0.731288	-1.3914	0.913976	0.970772	-1.03126	0.117954	0.684622	-1.46066	1.80283	1.42221	0.701226	1
cg13304274	ZFP82	0.209308	0.778895	0.955051	-1.04706	0.296787	0.193734	1.19334	0.0370793	1.48519	1.48519	0.492379	0.892322	-1.12067	0.00669	0.108855	1.08855	0.870607	0.973715	-1.02699	0.0393535	0.677398	-1.47624	0.70866	0.940512	-1.06325	0.943414	1.01167	1.01167	1.80283	0.7623	0.375855	1
cg00318242	CDC23	0.209311	0.5368868	0.880273	-1.12657	0.2702	0.801029	1.24833	0.0709782	1.23908	1.23908	0.111587	0.715537	-1.39822	0.0301881	0.632111	-1.58206	0.916877	0.980009	-1.0204	0.532556	0.885696	-1.12906	0.521356	1.02336	1.02336	0.190122	1.30787	1.30787	1.80284	1.08204	0.526705	1
cg13267891	BAT3;BAT3;BAT3;BAT3	0.209312	0.104018	2.23191	2.23191	0.198132	1.84846	1.84846	0.696688	1.19355	1.19355	0.0923008	2.30918	2.30918	0.112719	2.18117	2.18117	0.29433	1.63442	1.63442	0.0539756	2.68611	2.68611	0.655938	2.65932	2.65932	0.131506	2.08634	2.08634	1.80281	1.82533	2.87223	1
cg11782830	TM9SF2	0.209313	0.119924	0.793089	-1.26089	0.6577726	1.32803	1.32803	0.0595535	1.33936	1.33936	0.581647	0.926386	-1.07946	0.711509	0.950238	-1.05237	0.301508	0.863217	-1.15846	0.809272	1.03378	1.03378	0.940664	1.01028	1.01028	0.459456	1.10904	1.10904	1.8028	0.5390804	0.2658	1
cg21195231	GPSM1	0.209322	0.897844	1.02316	1.02316	0.23801	0.458974	-1.72877	0.0249857	0.313981	-3.1849	0.374464	1.40523	1.40523	0.0132455	1.09468	1.09468	0.354778	0.548206	-2.18413	0.0514025	0.246562	-4.05577	0.335854	0.4242113	-2.35721	0.0229553	0.743368	0.743368	1.8028	31.1816	5.61193	1
cg05982301	SNCAIP	0.209322	0.475982	0.861672	-1.16053	0.691712	0.921393	-1.08531	0.797783	0.948627	-1.05415	0.7571	1.0658	1.0658	0.893474	1.0279	1.0279	0.34354	1.22193	1.22193	0.0236979	1.74142	1.74142	0.0375949	1.6413	1.6413	0.759349	0.9388436	-1.06515	1.80276	1.20468	0.593993	1
cg04644402	GLS2	0.209328	0.729135	0.799683	-1.25091	0.2818578	1.10576	1.10576	0.0126012	1.63122	-2.42059	0.310749	0.402624	-2.48357	0.0178314	0.0822434	-12.159	0.097232	0.208402	-4.83554	0.0665595	0.168363	-5.93955	0.0178314	0.2502118	-3.81507	0.08273	0.214826	0.105926	1.80276	1.50094	0.149915	0.262118	-3.81507	0.08273	0.214826	10.5926	1
cg06 s.171003SF	MRAP2	0.209334	0.0443995	0.305061	-3.27804	0.0380325	0.290341	-3.44423	0.199985	0.498399	-2.00642	0.0574375	0.331202	-3.01931	0.150722	0.452954	-2.20773	0.694002	0.81601	-1.22548	0.306843	0.580427	-1.72287	0.362776	0.6181712	-1.61767	0.884647	0.928069	-1.07751	1.80271	7.54948	3.72254	1
cg23560159	TAP2;TAP2	0.209335	0.0731286	0.293506	-3.40708	0.609622	0.729155	-1.37145	0.69887	0.787864	-1.26925	0.0964915	0.32651	-3.06269	0.0748449	0.296124	-3.37696	0.0915677	0.319976	-3.12524	0.0431262	0.240398	-4.15976	0.166638	0.4047247	-2.47068	0.415685	0.603035	-1.66574	1.8027	10.741	5.29626	1
cg13986501	HSDL2	0.209337	0.302062	0.777164	-1.27764	0.3809778	0.729213	1.37113	0.152736	0.643907	1.55276	0.0647007	1.10245	1.10245	0.397703	0.844264	-1.18434	0.77958	0.937729	-1.06641	0.3334709	0.725782	-1.37756	0.812576	0.9402019	-1.06357	0.7939101	1.07472	1.07472	1.80269	1.49939	0.739334	1
cg19964320	SNRPN;SNRPN;SNRPN	0.209339	0.0138448	0.312517	-3.19982	0.806316	0.910254	-1.09859	0.781126	1.1124	1.1124	0.650492	1.19057	1.19057	0.791946	0.903842	1.10639	0.102728	0.505221	-1.97933	0.909858	0.957197	-1.04472	0.357936	1.43553	1.43553	0.273925	0.647017	-1.54555	1.80268	4.17544	2.05888	1
cg01757912	SOX1	0.209342	0.4286668	0.815214	-1.22657	0.2	0.801029	1.24833	0.0709782	1.23908	1.23908	0.111587	0.715537	-1.39822	0.0301881	0.632111	-1.58206	0.916877	0.980009	-1.0204	0.532556	0.885696	-1.12906	0.521356	1.02336	1.02336	0.190122	1.30787	1.30787	1.80264	1.08204	0.526705	1
cg27394817	RPTOR;RPTOR	0.209352	0.304981	1.19371	1.19371	0.107791	0.746375	-1.33981	0.327343	1.18358	1.18358	0.16524	0.78135	-1.27984	0.62681	1.08511	1.08511	0.419262	1.871476	-1.14748	0.0934575	1.36008	1.36008	0.398377	0.865775	-1.15503	0.283348	1.20418	1.20418	1.80262	1.7932	0.39117	1
cg14425960	PCGF3	0.209363	0.166014	0.770979	-1.29705	0.605868	0.912425	-1.09598	0.868917	0.971335	-1.02951	0.500573	0.886575	-1.12794	0.190348	0.783332	-1.2766	0.249336	0.808962	-1.23615	0.282157	1.21749	1.21749	0.0342715	0.647338	-1.54479	0.0613073	0.689869	-1.44955	1.80257	0.885155	0.436489	1
cg27344801	NOVA2	0.209373	0.6005042	0.847153	-1.17999	0.3572754	0.729353	-1.37113	0.152736	0.643907	1.55276	0.0647007	1.10245	1.10245	0.397703	0.844264	-1.18434	0.77958	0.937729	-1.06641	0.3334709	0.725782	-1.37756	0.812576	0.9402019	-1.06357	0.7939101	1.07472	1.07472	1.80257	1.49939	0.739334	1
cg34341537	RING1	0.209376	0.0355678	0.656092	-1.52418	0.146377	0.764478	-1.30808	0.927189	1.01587	1.01587	0.191135	1.26924	1.26924	0.755515	1.05528	1.05528	0.139084	1.31554	1.31554	0.496165	1.1264	1.1264	0.834956	0.9647	-1.03659	0.624032	0.918425	-1.08882	1.80251	0.847072	0.417724	1
cg23908305	TNMT3;TNMT3;TNMT3;TNMT3	0.209381	0.0313333	0.610003	-1.63902	0.0103057	0.774357	-1.29103	0.634782	0.856605	-1.16732	0.980555	0.992603	-1.00753	0.9844	1.0077	1.0077	0.415161	0.77589	-1.2884	0.820512	1.0799	1.0799	0.0186655	1.31464	1.31464	0.0203007	1.460547	-2.17227	1.80249	0.6495	0.2958	1
cg24308604	GAUNT7	0.209381	0.0734848	0.221379	-4.51714	0.70113	1.33829	1.33829	0.434574	1.82657	1.82657	0.127043	0.287375	-3.47977	0.456258	0.56364	-1.77418	0.411804	0.534015	-1.88532	0.46447	0.178495	-5.6024	0.169942	0.3313363	-3.01784	0.141404	0.30272	3.30339	1.80249	16.2992	8.03788	1
cg18450807	LOC388789	0.209384	0.171385	0.69561	-1.43755	0.955271	1.01408	1.01408	0.27993	1.32305	1.32305	0.420101	1.22788	1.22788	0.0314319	0.533132	-1.87571	0.957222	1.01346	1.01346	0.959516	1.01273	1.01273	0.219641	1.37947	1.37947	0.223165	1.37576	1.37576	1.80248	1.77326	0.874479	1
cg21873775	SSFA2;SSFA2	0.209389	0.503633	0.797418	-1.25426	0.5621246	1.39164	1.39164	0.0211706	1.61591	1.61591	0.534274	1.11912	1.11912	0.507086	1.12788	1.12788	0.765369	1.05376	1.05376	0.7884515	1.16049	1.16049	0.0822454	1.28406	1.28406	0.0784845	1.25496	1.25496	1.80248	0.718573	0.354353	1
cg23861930	GSK3A	0.209398	0.293705	1.21501	1.21501	0.2432688	1.15591	1.15591	0.534274	1.11912	1.11912	0.507086	1.12788	1.12788	0.0582765	1.46613	1.46613	0.673634	1.07761	1.07761	0.771364	0.949324	1.05338	0.878382	1.14851	1.14851	0.154751	1.313	1.313	1.80241	0.912634	0.45008	1
cg16111448	DHDPSL;DHDPSL	0.209398	0.47923	0.824007	-1.21302	0.3	0.801029	1.24833	0.0709782	1.23908	1.23908	0.111587	0.715537	-1.39822	0.0301881	0.632111	-1.58206	0.916877	0.980009	-1.0204	0.532556	0.885696	-1.12906	0.521356	1.02336	1.02336	0.190122	1.30787	1.30787	1.80241	1.08204	0.526705	1
cg02961109	MC1;MC1L1	0.209399	0.0905155	0.603021	-1.65832	0.312603	1.32746	1.32746	0.428204	0.869036	-1.24527	0.483075	1.21326	1.21326	0.0179345	0.458377	-2.18161	0.957222	1.01346	1.01346	0.959516	1.01273	1.01273	0.219641	1.37947	1.37947	0.223165	1.37576	1.37576	1.80248	1.77326	0.874479	1
cg21873775	SSFA2;SSFA2	0.209389	0.503633	0.797418	-1.25426	0.5621246	1.39164	1.39164	0.0211706	1.61591	1.61591	0.534274	1.11912	1.11912	0.507086	1.12788	1.12788	0.765369	1.05376	1.05376	0.7884515	1.16049	1.16049	0.0822454	1.28406	1.28406	0.0784845	1.25496	1.25496	1.80248	0.718573	0.354353	1
cg23861930	GSK3A	0.209398	0.293705	1.21501	1.21501	0.2432688	1.15591	1.15591	0.534274	1.11912	1.11912	0.507086	1.12788	1.12788	0.0582765	1.46613	1.46613	0.673634	1.07761	1.07761	0.771364	0.949324	1.05338	0.878382	1.14851	1.14851	0.154751	1.313	1.313	1.80241	0.912634	0.45008	1
cg16111448	DHDPSL;DHDPSL	0.209398	0.47923	0.824007	-1.21302	0.3	0.801029	1.24833	0.0709782	1.23908	1.23908	0.111587	0.715537	-1.39822	0.0301881	0.632111	-1.58206	0.916877	0.980009	-1.0204	0.532556	0.885696	-1.12906	0.521356	1.02336	1.02336	0.190122	1.30787	1.30787	1.80241	1.08204	0.526705	1
cg02961109	MC1;MC1L1	0.209399	0.0905155	0.603021	-1.65832	0.312603	1.32746	1.32746	0.428204	0.869036	-1.24527	0.483075	1.21326	1.21326	0.0179345	0.458377	-2.18161	0.957222	1.01346	1.01346	0.959516	1.01273	1.01273	0.219641	1.37947	1.37947	0.223165	1.37576	1.37576	1.80248	1.77326	0.874479	1
cg24215973	HDAC4	0.209401	0.648235	1.15717	1.15717	0.578657	1.2078	1.2078	0.0847204	1.27548	-1.2896	0.573641	0.824988	-1.21257	0.0378923	0.607177	-1.64636	0.424315	1.1187	1.1187	0.3998	0.76968	-1.29907	0.409114	0.8885613	-1.12545	0.554417	1.21101	1.21101	1.80238	2.9273	1.44313	1
cg25212207	PVRL1;PVRL1;PVRL1 FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGF	0.209402	0.920703	0.966795	-1.03435	0.448464	0.769532	-1.29949	0.0365247	0.638604	-1.27996	0.42008	0.75626	-1.3223	0.676189	1.1531	1.1531	0.363846	1.37228	1.37228	0.131172	1.73797	1.73797	0.142603	1.70655	1.70655	0.532339	1.29224	1.29224	1.80239	1.28319	0.61918	1
cg02639993	R1;FGFR1;FGFR1	0.209403	0.067111	0.584622	-1.71051	0.285155	1.33695	1.33695	0.554696	1.16918	1.16918	0.410821	1.24607	1.24607	0.219489	1.4018	1.4018	0.515351	1.18833	1.18833	0.0756294	0.596129	-1.67749	0.356765	0.7804417	-1.28137	0.590294	1.15278	1.15278	1.80239	1.95318	0.963256	1
cg26497342	PRO2	0.209404	0.0590755	0.678618	-1.47358	0.0915101	0.713198	-1.40213	0.0537027	0.671345	-1.48955	0.157039	0.759359	-1.3169	0.0425554	0.653933	-1.52921	0.287685	0.818084	-1.22237	0.330241	0.832978	-1.20051	0.338675	0.835779	-1.19649	0.665057	0.923827	-1.08245	1.80238	0.944431	0.467569	1
cg22022357	TPM4;TPM4	0.209415	0.14152	2.53736	2.53736	0.110881	0.79834	2.78934	0.454788	3.86381	3.86381	0.171969	2.3547	2.3547	0.229123	2.12851	2.12851	0.313632	1.8475	1.8475	0.0150809	2.86134	2.86134	0.04933	3.74315	3.74315	0.0162887	2.40456	2.40456	1.80234	9.09018	4.88412	1
cg05132828	PITPNM2	0.209424	0.393206	0.732244	-1.36577	0.2092	1.6022	1.6022	0.822767	1.08322	1.08322	0.92756	0.968119	-1.03293	0.0274642	0.595111	-1.53093	0.316368	1.24761	1.24761	0.0918539	0.610703	0.027658	12.6602	12.6602	0.0825079	6.52131	6.52131	1.80223	27.1333	13.3826	1
cg23149687	PIR16	0.209429	0.276851	0.554521	-1.80336	0.2032184	3.77549	3.77549	0.439123	1.50892	1.50892	0.910286	0.942920	-1.06013	0.792189	0.872206	-1.14672	0.242806	0.652563	-1.53242	0.127047	0.423013	-2.36399	0.86597	0.915698	-1.09206	0.999242	0.999505	-1.0005	1.80227	7.75834	3.82646	1
cg06631554	S100A9	0.209435	0.0991869	0.365234	-2.73806	0.0794584	0.647245	1.54514	0.0972724	0.716294	1.39598	0.0713109	0.597124	-1.67469	0.0647872	0.549455	-1.82005	0.178723	0.369493	-2.70677	0.0178314	0.0859285	-11.6354	0.0178314	0.1662237	-6.01584	0.0178314	0.0859285	-11.6354	0.0178314	0.1662237	-6.01584	1.80227	0.5	0.25	0.5	0.5	0.25	1
cg26550835	TSC22D3	0.209437	0.188519	3.89001	3.89001	0.899244	0.883818	-1.13146	0.937215	1.07984	1.07984	0.691826	1.47468	1.47468	0.469565	0.488046	-2.04899	0.316168	2.74671	2.74671	0.0918539	6.10703	6.10703	0.027658	12.6602	12.6602	0.0825079	6.52131	6.52131	1.80223	27.1333	13.3826	1
cg19853333	FBN14	0.209444	0.576639	1.12166	1.12166	0.2215565	1.75389	1.75389	0.804169	1.07587	1.05187	0.195612	1.32127	1.32127	0.685931	1.08628	1.08628	0.538788	1.07939	1.07939	0.113761	0.6284441	1.68543	1.68543	0.0825949	1.09397	1.09397	0.792555	1.07303	1.07303	1.80222	1.18273	0.583942	1
cg21545125	TBC1D14;TBC1D14	0.209442	0.405804	0.670378	-1.4917	0.945964	1.03238	1.03238	0.0330357	1.31115	1.31115	0.550308	1.32865	1.32865	0.19731	0.52684	1.89811	0.346618	1.57732	1.57732	0.0972582	0.424697	-2.3531	0.891378	0.938779	-1.06521	0.91642	1.0506	1.0506	1.80221	0.33096	0.3127	1
cg24476569	ABCC8;ABCC4	0.209447	0.0950271	0.432843	-2.3103	0.0946403	0.432336	-2.31101	0.185077	0.526473	-1.89943	0.429092	0.691793	-1.44552	0.050192	0.360906	-2.7708	0.358407	0.647583	-1.5442	0.0862154	0.42093	-2.37569	0.0546807	0.369776	-2.70434	0.815024	0.898549	-1.1129	0.80219	5.9471	2.93327	1
cg07480984	RNF43	0.209451	0.940351	1.03746	1.03746	0.113462	0.763063	-1.31053	0.0957495	0.518965	-1.92705	0.0459537	0.823819	-1.21384	0.0144953	0.470441	-2.12552	0.160236	0.545384	-1.83387	0.0602401	0.151173	-6.61425	0.0178314	0.1662237	-6.01584	0.0178314	0.0859285	-11.6354	0.0178314	0.1662237	-6.01584	1.80219	0.5	0.25	0.5	0.5	0.25	1
cg08078772	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2;AMZ2;	0.209462	0.157846	0.722165	-1.38473	0.394818	0.828734	-1.20666	0.591332	1.12393	1.12393	0.218326	1.32194	1.32194	0.0485925	1.62514	1.62514	0.245064	1.29965	1.29965	0.170316	0.729951	-1.36996	0.630653	1.11

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1327 vs. N)	Fold-Change(1 vs.1327)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5 vs.5637)	Fold-Change(5 vs.5637)	p-value(563 vs. N)	Fold-Change(5 vs.563)	F(Error)	SS(Test)	SS(Error)
cg14854517	RAPGEF3;RAPGEF3;RAPGEF3;RAPGEF3	0.209664	0.085545	0.500326	-1.9987	0.5532574	0.44928	-2.22578	0.153013	0.572845	-1.74567	0.404587	0.732909	-1.36443	0.025351	0.38128	-2.62775	0.969472	1.01404	1.01404	0.596506	0.823093	-1.21493	0.237917	0.637334	-1.56903	0.956494	0.980318	-1.02008	1.8012	3.78738	1.86907	1
cg02324547	FAH	0.209664	0.184902	0.683547	-1.46296	0.100971	0.615071	-1.62583	0.59477	0.864791	-1.15635	0.373382	1.2805	1.2805	0.047039	0.540637	-1.84967	0.288573	1.34729	1.34729	0.332567	0.763028	-1.31057	0.250559	0.722631	-1.38383	0.218382	0.704476	-1.4195	1.8012	2.08848	1.03066	1
cg17483590	ST13	0.209665	0.354591	0.615081	-1.62584	0.0932375	0.389721	-2.56594	0.0194448	0.236503	-4.22827	0.947214	0.966775	-1.03437	0.0383299	0.293787	-3.40382	0.506204	0.708774	-1.41089	0.548427	0.733516	-1.3633	0.726742	0.830664	-1.19608	0.959822	0.974618	-1.02604	1.80119	7.42977	3.66659	1
cg01653494	P2RX6;P2RX6	0.209673	0.480766	0.800339	-1.24947	0.921601	0.103106	0.103106	0.669527	0.875099	-1.14273	0.558992	1.20157	1.20157	0.014293	0.415541	-2.4065	0.080658	0.547688	-1.82586	0.369933	0.751163	-1.33127	0.507167	1.23259	1.23259	0.154283	0.622576	-1.60623	1.80116	2.75479	1.35951	1
cg18712677	ZNF680;ZNF680;SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SY	0.209675	0.332421	1.5225	1.5225	0.244635	0.599488	-1.66809	0.156553	1.80097	1.80097	0.357769	0.671943	-1.48822	0.042171	0.360184	-2.70868	0.669377	0.834787	-1.19791	0.229555	0.588597	-1.69896	0.168694	0.530798	-1.88255	0.574512	0.787833	-1.2693	1.80115	5.54453	2.48866	1
cg00937359	NCRIP;SYNCRIP	0.209681	0.018378	0.363909	-2.74794	0.54216	0.804112	-1.24361	0.804698	1.00148	1.00148	0.495828	0.783218	-1.27678	0.00544414	0.481606	-2.07638	0.639307	0.846379	-1.1815	0.0581719	0.469304	-2.13081	0.368864	0.721732	-1.38596	0.541647	0.803884	-1.24396	1.80112	3.5613	1.75757	1
cg14768785	GHSR;GHSR	0.209689	0.135591	0.347225	-2.87997	0.872281	0.89501	-1.1116	0.889396	0.912556	-1.09582	0.272323	0.471703	-2.11998	0.513535	0.64645	-1.54691	0.10546	3.20009	3.20009	0.50757	0.555997	0.0391412	0.48592	4.80592	0.805662	0.850352	-1.17598	1.80108	12.3364	6.08839	1
cg03006225	PLEKHM2	0.209691	0.0772589	2.06504	2.06504	0.802488	1.09694	1.09694	0.533826	1.26191	1.26191	0.093677	0.506336	-1.97497	0.979089	1.00972	1.00972	0.487517	1.29744	1.29744	0.0425288	0.42223	-2.36838	0.801781	0.91132	-1.09731	0.861373	0.937512	-1.06665	1.80107	3.88745	1.91859	1
cg24414410	PTPN9;PTPN9;PTPN2;PTPN2	0.209693	0.771757	0.910251	-1.09853	0.0715371	0.90594	-1.10758	-3.27032	0.0848744	1.54874	-2.86768	0.2403256	0.0778588	-1.23152	0.0384592	-3.15671	0.758253	0.802643	-1.24565	0.0424546	0.57678	-1.73376	0.18081	1.96026	0.625336	1.26252	1.26252	1.80107	6.40037	3.1588	1
cg00548143	ITPKB	0.209692	0.490329	0.901825	-1.10886	0.2233094	0.207183	1.20783	0.464016	1.1162	1.1162	0.824522	1.0333	1.0333	0.268665	0.843726	-1.18522	0.537585	0.912042	-1.09664	0.0443501	0.885071	-1.12985	0.354611	1.15081	1.15081	0.107407	0.620572	0.306273	1
cg09440385	KIF5C	0.209694	0.188021	0.567221	-1.80707	0.4703827	0.868295	-1.15168	0.935897	0.751529	-1.33062	0.117523	0.721565	-1.38565	0.268665	0.803756	-1.24436	0.068294	0.675954	1.47939	0.155792	0.930958	-1.08583	0.458625	0.864938	-1.15617	1.80106	1.05468	0.520523	1
cg11653179	RAVER2	0.209696	0.251824	1.50624	1.50624	0.0188142	0.377639	-2.64803	0.0913966	0.529359	-1.88908	0.674233	0.865319	-1.15564	0.575839	1.21338	-1.21338	0.635009	1.17777	1.17777	0.3667046	0.985964	-1.01424	0.790987	0.913121	-1.09515	0.366533	0.728025	-1.37358	1.80105	3.33962	1.64823	1
cg08282512	LOC279796;ALKBH3	0.209697	0.405128	0.805458	-1.24153	0.0301213	0.484201	-2.06526	0.0448677	0.519569	-1.92467	0.354311	0.762616	-1.31128	0.452627	0.804454	-1.24308	0.302505	0.738044	-1.35493	0.240882	1.40972	0.409572	2.44172	0.701262	0.721905	-1.38522	0.575708	0.851462	-1.17445	1.80105	2.3069	1.13855	1
cg08315519	NUP214	0.209697	0.477802	0.844015	-1.1848	0.0908774	0.130873	1.30873	0.116062	1.10621	1.10621	0.129841	0.623801	-1.60274	0.129861	0.63001	-1.58742	0.655473	1.06679	1.06679	0.513542	1.10124	1.10124	0.654203	0.844928	1.18103	0.183103	0.0584409	1.36264	1.80104	0.594885	0.293649	1
cg04254693	MST1;RNF123	0.2097	0.0471914	0.703473	-1.42152	0.480213	1.11756	1.11756	0.0655506	1.37727	1.37727	0.459908	0.89	-1.1236	0.604432	1.08431	1.08431	0.416695	0.879363	-1.13719	0.397821	1.14349	1.14349	0.244957	0.828309	-1.20728	0.775696	0.956719	-1.04524	1.80103	0.684239	0.337702	1
cg05798126	RPK1	0.209701	0.15682	0.662279	-1.50962	0.102238	0.406147	-2.46217	0.0441452	0.306551	-3.26884	0.502661	0.709815	-1.40882	0.0853641	0.383433	-2.60802	0.106555	0.411535	-2.42991	0.127568	0.455992	-2.19362	0.0876479	0.380788	-2.5854	0.445686	0.675924	-1.47946	1.80103	7.24084	3.57368	1
cg14603103	ZNF92;ZNF92	0.209704	0.0453974	2.44948	1.44948	0.892873	0.978342	-1.02214	0.1727704	1.24653	1.24653	0.517653	1.11192	1.11192	0.125021	0.30811	-3.30811	0.629283	0.924339	-1.08185	0.166097	1.2698	1.2698	0.190489	0.799128	-1.25136	0.284063	1.107424	1.107424	1.80102	0.746219	0.368295	1
cg02767780	MANBAL;MANBAL;MANBAL;MANBAL	0.209706	0.0137056	0.230833	-4.33234	0.873291	1.07979	1.07979	0.130476	2.19357	2.19357	0.962092	0.977399	-1.02312	0.494997	0.716569	-1.39554	0.790231	1.13682	1.13682	0.638792	0.796605	-1.25533	0.578127	1.31024	1.31024	0.424204	1.48077	1.48077	1.801	6.59885	3.25687	1
cg15578015	HES4;HES4	0.209706	0.285379	1.59454	1.59454	0.315284	1.54605	1.54605	0.767885	1.17449	1.17449	0.0197125	0.352447	-2.83762	0.195195	1.77913	1.77913	0.096891	2.15178	2.15178	0.641627	0.825199	-1.21787	0.858884	0.799395	-1.07771	0.700558	1.17643	1.17643	1.801	5.04362	2.48929	1
cg25444821	KCNK3	0.209706	0.553769	1.19895	1.19895	0.0263737	0.225721	2.22051	0.0333749	2.12377	2.12377	0.834539	0.938601	-1.06542	0.471911	0.80118	-1.24816	0.487243	1.2384	1.2384	0.17774	1.54323	1.54323	0.61155	1.16784	1.16784	0.889627	1.04296	1.04296	1.801	2.61766	1.29195	1
cg16513277	SMG6;SMG6	0.209709	0.5650389	0.8610666	-1.16135	0.374868	0.791154	1.26398	0.163732	0.680233	-1.47008	0.866664	1.04417	1.04417	0.580666	0.866312	-1.15432	0.980146	0.9932	-1.00642	0.108467	0.709309	1.09309	1.09309	0.700095	-1.42838	0.911062	0.97167	-1.02916	1.80099	1.88607	0.931323	1
cg06105093	C16orf62	0.209711	0.494376	0.842013	-1.18763	0.0892145	0.628497	-1.5911	0.230031	0.731935	-1.36624	0.438004	1.21657	1.21657	0.949723	0.984496	-1.01575	0.48908	0.840177	-1.19023	0.0296778	1.88562	1.88562	0.696924	1.10185	1.10185	0.586762	1.14568	1.14568	1.80098	1.7515	0.864464	1
cg25285658	MRFAP1L1	0.209712	0.972101	1.00597	1.00597	0.043427	0.142436	1.42436	0.118875	1.33384	1.33384	0.577036	1.10063	1.10063	0.496594	0.889167	-1.12465	0.943861	0.98087	-1.01206	0.0914481	1.02748	1.02748	0.131131	0.728838	-1.37205	0.984874	1.00323	1.00323	0.114972	1.13868	1.13868	1.80098	0.8260373	0.407716	1
cg02758897	WSCD2	0.209712	0.149939	0.737183	-1.35642	0.2707	0.127758	1.27758	0.0153004	1.65101	1.65101	0.549276	0.599609	-1.66803	0.0476276	0.599609	-1.66803	0.565702	0.762549	-1.31142	0.0826253	0.601571	-1.66209	0.355143	0.448802	-2.23206	0.0152326	0.633651	-1.57816	1.80094	20.3235	10.1211	1
cg05506809	SIRT1;SIRT1	0.20972	0.471693	0.857756	-1.16583	0.170067	0.736195	-1.35834	0.720659	0.927505	-1.07836	0.76988	0.940374	-1.06343	0.00703591	0.481807	-2.07552	0.595361	1.11875	1.11875	0.680925	0.916993	-1.09052	0.959369	0.98938	-1.01073	0.708489	1.0819	1.0819	1.80094	1.25285	0.618366	1
cg20840783	KIAA1244	0.209722	0.1170806	0.624237	-1.60207	0.114472	0.19247	6.19247	0.103852	4.43435	4.43435	0.915172	1.12013	1.12013	0.0461086	0.807387	-1.23875	0.671193	1.57561	1.57561	0.0677351	1.56128	1.56128	0.0946886	1.27548	1.27548	0.0107741	0.542706	0.515886	1.27212	1.80094	32.844	15.9393	1
cg21163960	SLC1A2	0.209723	0.663619	0.843371	-1.18572	0.760518	0.81925	-1.12117	0.918697	0.961034	-1.04055	0.812808	1.00674	1.00674	0.714058	1.15402	-1.15402	0.466162	1.33667	1.33667	0.153162	1.81387	1.81387	0.307618	1.50848	1.50848	0.00797560	1.757387	1.757387	1.80093	1.3221	2.13327	1
cg20438427	TLK2;TLK2	0.209723	0.313212	0.888871	-1.12502	0.617705	0.944757	-1.05847	0.854942	0.979545	-1.02088	0.298761	1.12934	1.12934	0.134872	1.19966	1.19966	0.0880064	1.23692	1.23692	0.0540653	0.781191	-1.2801	0.63541	0.947492	-1.05542	0.895405	0.985255	-1.01497	1.80093	0.363787	0.179555	1
cg15955291	EIF2B1;EIF2B1L	0.209725	0.5158072	0.8610665	-1.16135	0.3148868	0.2157	-1.26357	0.548118	1.17149	1.17149	0.0197125	0.352447	-2.83762	0.195195	1.77913	1.77913	0.652624	1.08791	1.08791	0.552402	1.15232	1.15232	0.234269	1.13009	1.13009	0.224697	1.17751	1.17751	1.80092	0.91168	0.953427	1
cg15259889	PCYT1B;PCYT1B;PCYT1B	0.209726	0.0479694	0.234167	-4.27046	0.537425	0.144095	1.44095	0.150675	0.646772	-1.54614	0.0255985	0.549009	0.549009	0.456946	0.745464	-1.34145	0.770845	1.20628	1.20628	0.941442	1.0483	1.0483	0.865231	1.11525	1.11525	0.482209	1.58194	1.58194	1.80091	11.7605	5.80472	1
cg00429905	PIBRT1;PPT2	0.209733	0.126877	0.726201	-1.37705	0.0855355	0.184953	1.84953	0.0367083	1.96267	1.96267	0.695182	1.1276	1.1276	0.0776988	0.526036	-1.90126	0.947154	1.05477	1.05477	0.854611	1.17505	1.17505	0.754415	0.908756	-1.10044	0.629921	1.08356	1.08356	1.80089	2.60962	1.30901	1
cg25687358	DUOXA1;DUOXA2	0.209741	0.143006	3.86538	3.86538	0.0364696	3.60959	3.60959	0.2772148	2.6692	2.6692	0.291131	2.56223	2.56223	0.71272	0.727859	-1.37389	0.245883	2.83602	2.83602	0.35348	2.27048	2.27048	0.062202	0.60904	0.60904	0.069974	0.569872	0.569872	1.80085	21.0411	10.3858	1
cg18003135	EDNRB;EDNRB	0.209741	0.40724	0.854749	-1.16993	0.0799245	0.69786	-1.43295	0.170751	0.763349	-1.31002	0.959327	1.00949	1.00949	0.0141587	0.919193	-1.08791	0.853115	1.03491	1.03491	0.0805639	1.43161	1.43161	0.0871721	0.704931	-1.41858	0.290436	0.816187	-1.22521	1.80084	0.977503	0.482491	1
cg24476497	SOHLH2;SOHLH2	0.209743	0.146459	0.6489	-1.54111	0.0292196	0.250952	-1.98483	0.614899	0.790555	-1.26501	0.11105	0.586974	1.70419	0.0249865	0.321032	-3.11545	0.471764	1.73877	1.73877	0.0178373	0.717237	1.39435	1.39435	0.0155814	0.817564	-1.22315	0.577032	1.82787	1.82787	1.80084	1.75034	2.83855	1
cg00626119	SH2D2A;SH2D2A;NTRK1;SH2D2A;SH2D	0.209747	0.328149	0.694837	-1.43919	0.0171334	2.85199	2.85199	0.397672	1.36667	1.36667	0.275125	0.663946	-1.50615	0.372372	0.718673	-1.39145	0.408258	1.35677	1.35677	0.950336	1.02272	1.02272	0.716638	0.876795	-1.14052	0.474841	0.769401	-1.29971	1.80082	3.71092	1.83173	1
cg18027831	PSEN2;PSEN2	0.209748	0.59389	0.863387	-1.15823	0.908744	0.101179	1.03179	0.217341	0.701704	-1.4251	0.440269	1.23963	1.23963	0.0370754	0.516468	-1.93621	0.757837	1.08808	1.08808	0.731621	1.72532	1.72532	0.328365	1.06105	1.06105	0.270384	0.731085	-1.36783	1.80081	2.12466	1.04874	1
cg03602840	C7orf38	0.209753	0.0142174	0.627782	-1.59291	0.338705	1.16393	1.16393	0.787244	0.959215	-1.04252	0.30536	0.849272	-1.17748	0.752685	0.952507	-1.04986	0.436877	1.12985	1.12985	0.416482	1.13636	1.13636	0.647393	0.931567	-1.07346	0.236419	0.826162	-1.21042	1.80079	0.675767	0.333565	1
cg20991534	DPH6	0.209756	0.8965374	1.11539	1.11539	0.0263736	0.903519	1.10678	0.310504	1.19916	1.19916	0.0419943	1.36443	1.36443	0.0127447	0.733547	-1.36343	0.835202	1.04971	1.04971	0.577954	1.7752	1.7752	0.0450469	1.70852	1.70852	0.0171813	0.40312	2.48107	1.80078	1.54697	0.763606	1
cg27018070	FHL3	0.209756	0.087932	0.436835	-2.2892	0.283516	0.611818	-1.63447	0.426356	0.69964	-1.42931	0.0685789	0.407983	-2.45108	0.143734	0.501166	-1.99535	0.432613	0.703155	-1.42216	0.0289759	0.322332	-3.10239	0.0841316	0.431545	-2.31726	0.246516	0.586881	-1.70392	1.80078	5.51568	2.72262	1
cg03711046	OTUD5;OTUD5;OTUD5;OTUD5	0.209776	0.0959883	0.5162966	-1.93756	0.0178452	0.298758	2.25876	0.0334354	0.604644	-1.65364	0.0600408	0.264644	-3.77842	0.0278706	0.264644	-3.77842	0.210504	0.474758	2.10763	0.0248781	0.587774	-1.70114	0.21363	0.490492	-2.02038	0.0432722	0.652558	1.53284	1.80076	4.66258	2.15408	1
cg13958452	C9orf72;C9orf72	0.209761	0.697482	0.899063	-1.11227	0.219586	0.703539	-1.42138	0.439309	0.806664	-1.23967	0.993208	0.979438	-1.02099	0.0135891	0.435291	-2.29731	0.745966	1.09258	1.09258	0.673845	0.891096	-1.12221	0.180871	1.47253	1.47253	0.283104	0.738023	-1.35497	1.80075	2.156	1.0445	1
cg16145618	ECE1	0.209765	0.357596	1.88884	1.88884	0.0268219	1.54324	1.54324	0.622353	1.54654	1.54654	0.474929	1.59065	1.59065	0.167351	1.42122	1.42122	0.119364	2.96884	2.96884	0.319894	1.93824	1.93824	0.19431	1.94647	1.94647	0.140963	1.0496	1.0496	1.80074	1.82225	0.843986	1
cg08376863	TFB1M;CLDN20	0.209766	0.23682	1.10997	1.10997	0.954407	0.963798	-1.03756	0.224459	0.755358	-1.24083	0.253756	0.65674	-1.52247	0.0784754	1.72609	1.72609	0.827034	1.1457	1.1457	0.342994	1.05449	1.05449	0.0587507	1.42994	1.42994	0.0564219	1.69479	1.69479	1.80073	0.4406	0.15377	1
cg01212887	SOX21	0.209769	0.689846	0.936728	-1.06755	0.254399	1.214	1.214	0.740085	1.05575	1.05575	0.884187	1.02403	1.02403	0.181359	0.793574	-1.26012	0.850956	0.969815	-1.03112	0.0150355	0.61447	-1.62742	0.19127	0.798152	-1.25289	0.707957	1.06324	1.06324	1.80072	0.757221	0.373787	1
cg02697122	PRMT10	0.209777	0.515807	1.0195	1.0195	0.0188498	1.12572	1.12572	0.340815	1.04205	1.04205	0.688103	1.08999	1.08999	0.0170374	0.88702	-1.12711	0.80211	1.02211	1.02211	0.868673	1.08573	1.08573	0.0732292	1.15232	1.15232	0.0234647	1.31275	1.31275	1.80071	0.479918	0.236003	1
cg02045011	PTPN9;PTPN9;PTPN2;PTPN2	0.209772	0.476165	0.767957	-1.30216	0.93875	0.1284	1.0284	0.0154337	0.338556	-2.95372	0.659246	0.850683	-1.17553	0.915519	0.963839	-1.03752	0.694904	1.15447	1.15447	0.0783984	2.03908	2.03908	0.732538	1.13316	1.13316	0.618284	1.832714	1.20089	1.8007	3.78747	1.86963	1
cg02639124	ZBTB46	0.209774	0.257531	0.563402	-1.77562	0.446555	0.648497	-1.45627	0.476344	0.71835	-1.39191	0.0997	0.443818	0.443818	0.191914	1.994235	1.994235	0.598945	1.10945	1.10945	0.0845326	0.894923	0.894923	0.0127198	0.494239	-2.02153	0.0772373	0.245547	0.245547	0.150044	0.474036	-2.10954	0.8007	0.70794	3.31128	1
cg13199842	RGS7	0.209781	0.258096	1.33774	1.33774	0.971624	0.990394	1.00097	0.0774548	0.821252	-1.21765	0.8859111	1.03973	1.03973	0.257199	1.37834	1.37834	0.033119	1.96598	1.96598	0.0114314	1.86519	1.86519	0.608054	1.1507	1.1507	0.0240444	0.79121	0.79121	1.80066	2.26309	1.08666	1
cg18348434	SGPP1	0.209785	0.24321	0.714858	-1.39888	0.09243	0.996644	-1.00337	0.8301	1.06088	1.06088	0.617755	1.14832	1.14832	0.0131581	0.875556	-1.14213	0.220526	0.701858	-1.42486	0.0446855	1.87169	1.87169	0.0490919	1.85434	1.85434	0.691851	1.11573	1.11573	1.80064	2.15501	1.06382	1
cg04552889	RNF71	0.209787	0.857768	1.0314	1.0314	0.0178452	0.298758	2.25876	0.0334354	0.604644	-1.65364	0.0600408	0.264644	-3.77842	0.0278706	0.264644	-3.77842	0.210504	0.474758	2.10763	0.0248781	?	?	0.860557	0.822464	-1.20579	0.0122321	1.98027	1.89142	1.80063	0.673761	0.37766	1
cg04385875	CNOT2	0.209792	0.576225	1.47696	1.47696	0.0379856	0.189839	-5.26761	0.107025	0.29666	-3.37086	0.114237	3.27589	3.27589	0.376392	1.87189	1.87189	0.75501	0.805582	-1.24134	0.907172	1.0839	1.0839	0.752807	0.803954	-1.24385	0.374212	0.532608	-1.87755	1.80061	13.6034	6.71545	1
cg07457799	ZNF26	0.209805	0.284063	0.761485	-1.31312	0.147424	0.883443	-1.46318	0.74363	1.08367	1.08367	0.620994	1.12979	1.12979	0.178525	1.42122	1.42122	0.043424	1.78833	1.78833	0.159653	1.44473	1.44473	0.18481	1.94417	1.94417	0.105913	0.374995	0.252012	1.12512	1.80061	1.70966	0.849995	1
cg04364695	ZMAT4;ZMAT4	0.209813	0.264337	0.441295	-2.26606	0.284388	0.457525	-2.18567	0.0908778	0.269918	-3.70948	0.0721614	0.626107	1.62607	0.0228352	0.147717	-6.78809	0.63615	0.715279	-1.39805	0.0604101	0.422955	-2.36436	0.340388	0.501147	-1.99542	0.165767	0.353705	-2.82721	1.80057	14.0986	6.96008	1
cg11668949	STMN4	0.209804	0.898678	0.943068	-1.06037	0.135362	0.476814	-2.09725	0.334932	1.58021	1.58021	0.171696	1.9533	1.9533	0.92437	1.04666	1.04666	0.179783	0.51915	-1.92623	0.102524	0.439512	-2.27525	0.834638	1.10097	1.10097	0.126644	2.13888	2.13888	1.80056	6.03785	2.98074	1
cg01144940	GCLC	0.209807	0.307074	0.437795	-2.28437	0.229374	0.14354	-6.96971	0.0413763	0.318385	1.31238	0.54909	0.722766	1.38409	0.0422706	0.722766	-1.38409	0.531826	0.60974	-1.64004	0.0140898	0.0954503	-10.4767	0.0663054	0.484844	0.119266	0.0954503	0.342962	-2.91577	1.80055	17.4032	8.59156	1
cg02667487	NRN1L	0.209808	0.658329	0.919596	-1.08743	0.814874	1.04517	1.04517	0.0600099	1.49124	1.49124	0.859142	1.03402	1.03402	0.859142	1.03402	1.03402	0.081729	0.695355	-1.43811	0.932006	0.998115	-1.00189	0.0647859	0.676627	-1.47792	0.357559	1.19507	1.19507	1.80054	1.01156	0.499385	1
cg06381587	MRPL54;APBA3	0.209812	0.103829	3.46543	3.46543	0.0598186	1.54658	1.54658	0.644268	1.64171	1.64171	0.2355	0.745487	1.05782	1.05782	0.300832	1.83188	0.125025	1.12625	1.12625	0.0418879	0.610	0.610	0.0242552	0.768603	1.0991	1.0991	0.0984772	1.2616	1.2616	1.80054	0.474444	0.591086	1
cg18335326	KIAA1949;KIAA1949	0.209816	0.21758	0.601411	-1.66276	0.516947	1.29378	1.29378	0.450862	0.73997	-1.35141	0.754544	1.13082	1.13082	0.152071	0.548015	-1.82477	0.89575	0.949909	-1.05273	0.0173499	0.321172	-3.1136	0.269129	1.57009	1.57009	0.762069	0.887779	-1.12641	1.8005	4.38176	2.16323	1
cg14465583	PTGR1;PTGR1;PTGR1	0.209822	0.728807	0.901208	-1.10962	0.200639	0.66767	-1.49775	0.567999	1.18825	1.18825	0.627406	1.1574	1.1574	0.017391	0.42086	-2.37608	0.685032	1.1296	1.1296	0.151621	0.635444	-1.5737	0.183087	0.55562	-1.52527	0.720205	1.11348	1.11348	1.80048	2.5468	1.25734	1
cg22193089	ARSG	0.209823	0.823963	1.05105	1.05105	0.0506516	0.864052	-1.1492	0.387298	1.128	1.128	0.684508	0.99157	-1.00435	0.492013	0.855537	-1.16877	0.762954	1.22452	1.22452	0.0216081	0.796489	1.25516	1.25516	0.0975	1.11918	1.11918	0.0904683	0.888982	-1.12374	0.850888	0.958816	-1.04295	1.80047	1.241	0.780375	1
cg01127059	PKMYT1;PKMYT1;PAQR4	0.209823	0.190126	0.717666	-1.39341	0.289333	0.766332	-1.30492	0.115293	0.664083	-1.50584	0.311766	0.77866	-1.28426	0.0466954	0.580128	-1.72376	0.841528	1.04902	1.04902	0.950947	0.985399	-1.01482	0.177134	1.40911	1.40911	0.417788	2.21891	2.21891	1.80047	1.6299	0.80468	1
cg00934091	BPHL;BPHL;BPHL;BPHL	0.209824	0.0942663	1.56482	1.56482	0.0538939	1.11242	1.11242	0.0208632	1.52175	1.52175	0.188057	0.916753	1.09078	0.0257578	1.09078	0.0257578	0.348965	1.24659	1.24659	0.0972723	1.41388	1.41388	0.0507667	1.10693	1.10693	0.585391	1.1435	1.1435	1.80045	1.0693	0.834229	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg05874752	TMC2	0.2100081	0.1289944	0.707961	0.707961	0.521246	2.95528	2.95528	0.2853528	0.284982	4.32033	4.32033	0.9657551	0.944996	-1.07821	0.63681	0.5343464	-1.87338	0.1533887	0.749552	0.7495552	0.4911526	0.2210256	0.0335299	0.1325516	0.0335299	26.9698	1.79952	49.4806	24.4414	1
cg16266918	PDK1	0.2100036	0.725147	0.821002	-1.21802	0.1050292	0.3123	3.3123	0.03742403	3.8549	3.85494	3.85494	0.1268676	1.277062	1.277062	0.782706	0.6796468	0.792954	-1.26111	0.7609002	1.185933	1.185933	0.562571	1.386931	1.386931	0.9114408	0.9307708	-1.06436	0.7846002	1.16542	1.79952	1.795	8.097094	4.39485	1
cg11243196	ADAMTS3	0.2100036	0.4830018	1.223556	1.223556	0.3034553	0.7395593	-1.3521	0.04402215	0.5194746	-1.92502	0.590763	0.8557886	-1.16606	0.06546866	1.79526	1.79526	?	?	?	0.8902002	1.03987	1.03987	0.6512003	1.13747	1.13747	0.5152012	1.20533	1.20533	1.803813	2.03888	1.12761	1
cg27226511	C16orf75	0.2100078	0.8075388	-1.24086	0.4882206	1.754417	1.754417	1.754417	0.197953	1.39333	2.96313	0.0311125	0.1326593	-7.53617	0.3105181	0.4327128	-2.31097	?	?	?	0.5193028	1.53826	1.53826	0.1679027	0.3009302	-3.23246	0.4614421	0.5496611	-1.81947	1.808313	16.2214	8.97135	1
cg00457932	OCA2	0.2100037	0.5235007	0.8338535	-1.19938	0.1595005	0.6553244	-1.52615	?	?	0.4335515	0.7988414	-1.25186	0.4003379	1.27373	1.27373	0.3272721	0.752586	-1.32875	0.6480073	0.7378829	-1.03788	0.2306082	0.5043112	-1.9829	0.0501569	0.533841	-1.87322	1.808313	2.0109	1.11215	1
cg04588661	UNI3	0.2100038	0.0523227	0.6873674	-1.48435	0.1123228	1.34135	1.34135	0.08852	1.19592	1.19592	0.1994141	0.7918368	1.262624	1.262624	0.7697394	0.95137	-1.05112	0.7151594	0.939644	-1.06423	0.42147	0.8607791	-1.1497	0.8823512	1.025948	1.02548	0.1875	1.26781	1.267981	1.279049	0.8224955	0.4062665	1
cg15689969	TRIO	0.2100045	0.0893589	3.14569	3.14569	0.0187814	5.7083	5.7083	0.103821	2.96895	2.96895	0.4387007	1.62132	1.62132	0.638504	1.33576	1.33576	?	0.3071007	1.90954	1.90954	0.2861611	1.96931	1.96931	0.0719953	3.41692	3.41692	0.3464008	1.80984	1.80984	1.79946	10.6679	5.26967	1
cg13411981	CRIP2	0.2100049	0.130448	0.4082345	-2.44992	0.5703519	0.2723161	-4.4107	0.2722778	0.9155532	-1.09226	0.4643639	0.6642209	-1.55055	0.0381962	0.2628703	-3.71256	0.9548079	0.969434	-1.03151	0.2663954	0.5311095	-1.88287	0.6219419	0.7622093	-1.31166	0.1640322	0.443712	-2.25371	1.79944	8.57426	4.23552	1
cg22542731	LIMS2	0.2100053	0.645022	0.8990232	-1.11231	0.7248494	1.08445	1.08445	0.1633969	1.24345	1.24345	0.7552318	1.32412	1.324112	0.1408372	0.695303	-1.43822	0.0429995	0.5860373	-1.70627	0.2404042	0.735243	-1.3601	0.581694	0.8801147	-1.13617	0.040202	0.6948313	-1.43924	1.79942	1.5003	0.74113	1
cg17961101	MAPK1;MAPK1	0.2100056	0.0992795	1.45732	1.45732	0.958085	0.9893338	-1.01078	0.179262	1.34627	1.34627	0.722975	1.077	1.077	0.625202	0.902479	-1.10806	0.30352	0.80082	-1.24872	0.034011	1.6749	1.6749	0.258942	0.7823529	-1.27824	0.787285	1.05799	1.05799	1.79941	1.23799	0.611556	1
cg11756598	CALY	0.2100057	0.0566881	1.387655	1.387655	0.2706433	1.99464	1.99464	0.1357526	1.30958	1.30958	1.26058	0.9929922	0.9965543	-1.00347	0.1440868	0.1738858	-1.85578	0.3822777	0.704823	-1.4188	0.1594938	0.5560066	-1.79854	0.0707424	0.42456	-2.19993	0.2025507	0.5913911	-1.69093	1.7994	4.343443	2.14561	1
cg14700684	PHYHD1;PHYHIP	0.2100106	0.377707	0.654783	-1.52722	0.0463145	0.9025	2.90925	0.06477 01	2.63902	2.63902	0.422999	1.40701	1.40701	0.368881	0.6493641	-1.53998	0.2888078	1.67357	1.673557	0.662631	0.814338	-1.22799	0.8784268	1.916051	1.916051	0.803242	0.8897691	-1.12389	1.79939	6.23756	3.08132	1
cg06879628	TMEM45B	0.2100062	0.0587344	0.3237177	-3.09173	0.0305278	0.2425	-4.15569	0.2344994	0.4079192	-2.00836	0.682141	0.79199	-1.25946	0.1237768	0.5930337	-2.54429	0.138724	0.40949	-2.44205	0.860896	0.9123021	-1.09613	0.5974576	1.34786	1.34786	0.961534	1.027239	1.027239	0.9938	8.94368	4.41816	1
cg00836007	PCMTD1	0.2100065	0.420206	1.4725	1.4725	0.514294	1.36445	1.36445	0.637629	1.24973	1.24973	0.7415511	1.16828	1.16828	0.1027014	0.2922206	-3.42225	0.2272239	0.5512072	-1.8142	0.8674054	0.9244488	-1.08168	0.1335852	2.12806	2.12806	0.2804664	0.5002289	-1.60409	1.79937	0.29195	3.10823	1
cg11662098	GOPC;GOPC	0.2100065	0.2559992	0.805026	-1.2422	0.536836	1.12118	1.12118	0.1021	0.903085	1.02253	1.02253	0.403327	1.16932	1.16932	0.180728	1.29687	1.29687	0.5790444	0.902578	-1.10794	0.396909	0.8013285	0.5904419	-1.69371	0.616746	0.911484	-1.09668	1.79936	0.9533175	0.470969	1
cg00097539	ERLIN1;ERLIN1	0.2100076	0.1193316	0.674873	-1.48176	0.1324737	0.7864221	-1.27157	0.03193553	0.6509503	-1.53628	0.379281	0.8107232	1.233407	0.1678007	0.7975308	1.2535	0.1985224	0.1003185	0.6509203	1.53626	0.1384948	0.2984542	0.9933692	0.9980969	-1.00194	0.9710703	1.030847	1.030847	0.9394	0.8224955	0.7618873	1
cg10295609	HIVEP2	0.2100071	0.781277	0.8567044	-1.16726	0.6454448	0.3154442	-3.17016	0.323186	0.567217	-1.76299	0.470287	1.50402	1.50402	0.9315124	0.955771	-1.04628	0.46825	0.6635955	-1.50694	0.672065	0.78931	-1.26693	0.0267579	4.29834	4.29834	0.70412	1.23616	1.23616	1.79934	8.79899	4.34678	1
cg02773132	LOC401010	0.2100073	0.157338	0.5812218	-1.72053	0.8347349	0.2077722	-2.07785	0.05508545	0.4597254	-2.22185	0.284468	0.6709576	-1.49037	0.113946	0.5385053	-1.85699	0.0694293	0.482454	-2.07274	0.0509825	0.4851732	-2.06068	0.325445	0.6494021	-1.41963	0.0910362	0.4997334	-2.00154	1.79933	9.012184	4.45263	1
cg03676422	C3orf13	0.2100077	0.109824	0.4555015	-2.1959	0.0433289	0.018569	-2.01886	0.0147597	0.803224	-1.24496	0.786787	1.0854	1.085402	0.1554184	0.6539932	-1.52521	0.0954497	1.73959	1.739591	0.570206	1.18948	-1.18948	0.729262	1.11073	1.11073	0.6102627	1.168809	1.168809	1.79931	2.603512	1.28518	1
cg24465787	USP48;USP48	0.2100079	0.136127	2.67942	2.67942	0.0967823	3.07132	3.07132	0.557691	1.43379	1.43379	0.1354444	0.372458	-2.68487	?	?	?	?	0.2093008	0.445155	-2.24641	0.284208	1.97165	1.97165	0.6002444	1.37882	1.37882	0.3472331	1.80365	1.80365	1.88073	9.5394	4.43816	1
cg01776229	POU3F4	0.2100085	0.1456577	0.284037	-3.52007	0.1964453	0.4274753	2.34153	0.0480274	1.46254	1.46254	0.0663489	0.527124	1.897254	0.0877455	0.458277	-2.18277	0.145807	0.2852156	-3.5038	0.4548037	0.5441351	-1.83764	0.1818189	0.548625	-1.91814	0.863606	1.1497	1.1497	1.79928	18.5913	9.18554	1
cg03106307	PHK2B	0.210009	0.4360006	0.7971001	-1.25455	0.637242	0.8732442	-1.14516	0.48009	1.22733	1.22733	0.115613	0.6138601	-1.62919	0.0440156	0.5166055	-1.93553	0.6731002	0.885954	-1.12873	0.0437332	0.5160066	-1.93774	0.4652399	0.8089015	-1.23624	0.386	1.28865	1.28865	1.79925	2.32044	1.14636	1
cg10411087	SLC13A2;SLC13A2;SLC13A2;SLC13A2	0.2100091	0.8894305	0.96967	1.031284	0.2728802	0.7626223	-1.38272	0.4639663	1.28852	1.28852	0.307685	1.292701	1.292701	0.2277159	0.5044489	-1.98254	0.0099714	0.4084089	2.44551	0.4013295	1.23989	-1.23989	0.7021858	1.42455	1.42455	0.2669	1.17565	1.17565	1.79903	0.5178389	0.1573789	1
cg24222580	MCF2L;MCF2L	0.2100092	0.264167	2.05493	2.05498	0.0140141	0.536783	6.53678	0.0527268	3.90698	3.90698	0.937401	1.04981	1.04981	0.349407	1.81506	-1.81506	?	0.9579552	0.967898	-1.03317	0.239892	2.14161	2.14161	0.600766	1.38646	1.38646	0.863952	1.899306	1.11197	1.79924	10.9133	5.39153	1
cg21747330	GRIA3;GRIA3	0.2100093	0.167835	0.358581	-2.78877	0.0179822	0.1345567	-7.43122	0.33704	0.500281	-1.99848	0.781568	0.8523753	-1.21401	0.125065	0.3139087	-3.18485	0.0599452	0.227458	-4.39642	0.267867	0.4469771	-2.23728	0.290241	0.4649556	-2.15074	0.966583	1.971194	-1.02966	1.79924	13.8716	6.85305	1
cg14577029	ALOX12B	0.2100108	0.814975	1.15316	1.15316	0.3744206	0.2724	2.0724	0.1995823	1.14331	1.14331	0.6326265	0.9358527	-1.06854	0.6458251	1.142215	-1.14221	0.2316613	0.839799	-1.19046	0.9238052	0.8974422	-1.11383	0.1038881	1.630828	1.63082	0.3098417	0.5517	0.551709	0.2726	1.79914	0.5572	0.2726144	1
cg15020801	PNPO	0.2100108	0.8634726	1.06915	1.06915	0.685401	0.8536655	-1.17142	0.236962	0.6179955	-1.61824	0.40418	1.35773	1.35773	0.152277	0.5511656	-1.81434	0.2538979	1.58864	1.58864	0.0655238	0.4479884	-2.23222	0.100757	2.01038	2.01038	0.624583	0.8255161	-1.21122	1.79917	4.30036	2.12461	1
cg09505145	SPHKAP;SPHKAP	0.2100111	0.0768189	0.330646	-3.02435	0.0818445	0.2838117	-2.95755	0.1553687	0.5180706	-1.93057	0.1108071	0.1088007	1.8984846	0.7853965	-1.27356	0.0274455	2.3107534	0.4332121	0.9075588	0.9987	0.1001178	-1.00002	0.4482454	2.2707374	0.0909825	0.4851732	0.0964559	-1.03705	0.4149837	-2.00654	1.79916	9.052188	4.495263	1
cg01010984	CEP72	0.2101112	0.08715	0.5569393	-1.79536	0.1457227	0.622642	1.659877	0.848746	-1.17821	0.8876061	1.04479	1.044779	0.0233788	0.433208	2.314471	0.7274	0.9864232	1.062	1.062	0.729448	1.113358	1.113358	0.8337903	0.9360973	-1.06727	0.4134676	0.7718078	1.295666	1.795	2.735071	1.35129	1
cg15838327	NFKBIL2	0.2101113	0.754963	1.10667	1.10667	0.1089928	0.3987611	-2.50777	0.13272	0.5914621	-1.69072	0.923976	1.03138	1.03138	0.848948	0.9040141	-1.06367	0.3448373	0.9385553	-1.06547	0.0704215	0.5159644	-1.9244	0.9738666	1.01066	1.01066	0.4749559	1.26516	1.26516	1.79915	2.98516	1.47534	1
cg25712015	GPR50	0.2101781	0.1401725	0.4135848	-2.41809	0.1634569	0.6082382	-1.3302	0.4489562	1.80203	-1.78497	0.172881	1.232131	1.232131	0.2774191	0.7401141	-1.35114	0.1838623	0.319512	-3.12978	0.4818307	0.7409	-1.78324	0.1023977	2.4444	2.4444	0.6420394	1.48703	1.48703	1.79911	16.6385	8.20878	1
cg15612847	MITD1;MIPL3D	0.2101221	0.818842	0.9524313	-1.04996	0.3066111	0.798559	-1.25226	0.01543661	0.531736	-1.88063	0.148361	0.719287	-1.39027	0.793131	0.9452202	-1.05797	0.9207374	0.976008	-1.02138	0.765504	0.9384095	-1.06563	0.343123	0.6508024	-1.64667	0.799111	1.287	0.635872	1
cg20895511	INS-IGF2;IGF2;IGF2;IGF2;IGF2	0.2101224	0.4493035	0.96967	1.031284	0.2728802	0.7626223	-1.38272	0.4639663	1.28852	1.28852	0.307685	1.292701	1.292701	0.2277159	0.5044489	-1.98254	0.0099714	0.4084089	2.44551	0.4013295	1.23989	-1.23989	0.7021858	1.42455	1.42455	0.2669	1.17565	1.17565	1.79903	0.5178389	0.1573789	1
cg15635876	EHMT2;EHMT2	0.2101226	0.0166291	0.5685981	-1.75871	0.2741157	1.24567	1.24567	0.108832	1.40161	1.40161	0.873245	0.9696947	-1.0313	0.971247	1.00698	-1.00698	0.6759992	0.922059	-1.08453	0.68829	1.08097	1.08097	0.519135	0.8814464	-1.13448	0.816227	0.9560252	-1.04597	1.79909	1.06199	0.524703	1
cg07033326	BAG2	0.2101227	0.92535	0.980779	-1.0196	0.0202742	0.560129	-1.7653	0.378478	1.20577	1.20577	0.753795	0.9322667	-1.07265	0.949238	1.052683	-1.05974	0.8755588	0.968074	-1.03298	0.113401	0.713714	-1.40112	0.997033	1.00077	1.00077	0.7227113	1.07657	1.07657	1.79908	1.122195	0.60374	1
cg03783907	BTN3A3;BTN3A3	0.2101233	0.2174988	0.578207	-1.72974	0.2387078	0.989119	-1.011	0.9743	1.00396	0.9936905	0.4822883	0.8407119	1.189	0.2887113	0.7183393	-1.3921	0.0419091	0.5092083	1.96351	0.3980211	0.7249	-1.37939	0.5902382	1.37661	1.37661	0.7264995	1.37661	1.37661	1.79906	1.031355	0.5700045	0.1753884	0.5570	1
cg22627020	HLA-DRB6	0.2101234	0.772718	1.35036	1.35036	0.746835	1.39932	1.39932	0.144144	0.919034	-1.58042	0.700093	0.669258	-1.49419	0.710016	1.4733	1.4733	0.9585157	0.727179	6.72179	0.043798	0.085786	-11.6569	0.568933	0.549988	-1.81822	0.222161	1.82068	3.82068	1.87277	31.2114	12.9624	1
cg17225129	BCKDK	0.2101237	0.1753	0.4139	-2.41599	0.1704637	0.5696337	-1.96091	0.6403000	120.792	120.792	0.0130962	0.8284	86.2834	0.2228	83.24733	-1.21255	0.9984643	1.00463	1.00463	0.7144	1.5	1.5	0.5982502	0.7042	0.7042	0.43203	-2.31465	1.8896	0.0483	0.45263	1
cg14313347	CLCN5;CLCN5;MIR501	0.2101238	0.697143	1.25976	1.25976	0.649384	0.3129	1.31029	0.452723	0.636559	-1.57095	0.199678	0.44932	-2.22559	0.0348234	0.2340402	-4.27348	0.0781313	1.17619	1.17619	0.280809	0.2761873	0.912107	-1.09636	0.470469	0.648228	-1.54267	1.79904	0.93361	4.90812	1
cg06932455	SUMO3	0.2101238	0.286791	0.8002218	-1.24966	0.165846	1.34684	1.34684	0.0916504	1.45386	1.45386	0.293039	1.24581	1.24581	0.153104	0.734715	-1.36107	0.604781	1.11093	1.11093	0.259197	0.78885	-1.26767	0.180574	1.33173	1.33173	0.948489	1.0131	1.0131	1.79903	1.156979	0.571559	1
cg14565651	SLC2A5	0.2101245	0.0538534	0.4107585	-2.43504	0.1284503	0.4745543	-1.38924	0.3284804	0.8102292	-1.23404	0.5763173	1.798	0.5763173	1.798	0.3824733	-2.61255	0.4977824	0.6254545	-1.59884	0.2855777	0.4023308	-2.48566	0.8784247	1.139079	1.139079	0.9008889	-1.11001	0.2803777	0.4652911	-2.14919	1.79899	13.2464	6.54502	1
cg00632792	C4orf27	0.2101253	0.513056	1.12394	1.12394	0.579479	0.906114	-1.10361	0.747487	1.05855	1.05855	0.957353	1.00946	1.009946	0.3855448	1.012337	-1.01237	0.908571	1.02044	1.02044	0.8302192	0.6338372	-1.55648	0.562875	1.10853	1.10853	0.0348395	1.5422	1.5422	1.79897	0.8839005	0.436747	1
cg24308779	MMP15	0.2101492	0.4004707	0.8002218	-1.24966	0.165846	1.34684	1.34684	0.0916504	1.45386	1.45386	0.293039	1.24581	1.24581	0.153104	0.734715	-1.36107	0.0507998	1.2944	1.2944	0.0007393	0.5993733	-1.66833	0.0175554	0.7705354	0.7705354	0.0107716	0.0507998	1.2944	1.79893	1.260761	0.1600634	0.0557	1
cg12763824	PDZD4	0.2101558	0.147896	0.3842526	-2.60243	0.7770074	0.839955	-1.19111	0.53605	1.47119	1.47119	0.5577035	3.7517	3.7517	0.13175	2.72475	2.72475	0.18039	0.416281	-2.40223	0.2472508	0.4747604	-2.10629	0.786931	0.846252	-1.18168	0.95777	0.9679012	-1.03316	1.78894	10.815	5.34387	1
cg08772295	SH2D4B;SH2D4B	0.2101565	0.0609315	0.3114153	-3.2107	0.1446153	0.26487	-3.77	0.1633	0.5161	-1.93803	0.1096561	0.181651	2.0967	0.6054344	0.370397	-2.69981	0.5092727	1.41912	1.41912	0.6162373	0.7680985	-1.30042	0.8435105	1.129881	1.129881	0.9779968	0.9865731	-1.01361	0.7789933	1.73827	3.8446	1.97	1
cg12445520	ANKH	0.2101568	0.1569109	0.460909	-2.15074	0.2539536	0.5699	-1.31423	0.0470563	0.589926	-1.69513	0.527872	0.8186786	-1.16011	0.5609338	0.8583263	-1.16923	0.1140548	1.48974	1.48974	0.144685	1.43877	1.43877	0.1735734	0.922058	-1.08453	0.467299	1.58738	1.587384	1.79893	1.9331	0.759123	1
cg02878831	RPTOR;RPTOR	0.2101617	0.6680984	1.35833	1.35833	0.101121	0.278487	-3.59083	0.247939	0.423121	-2.36339	0.288316	2.19228	2.19228	0.9885197	0.9898676	-1.01023	0.2130858	2.54408	2.54408	0.310541	0.4973709	-2.111	0.0727867	4.15879	4.15879	0.344001	2.00192	2.00192	1.79892	14.4461	7.13816	1
cg02639011	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.2101623	0.1489931	-1.68931	0.1489931	0.108093	1.98242	1.98242	0.56589	1.2569	1.2569	0.323736	0.6755566	-1.48026	0.8603353	1.07011	1.07011	0.2174446	0.606926	-1.64765	0.0448364	2.42584	2.42584	0.947271	0.9878704	-1.01224	0.527404	1.27943	1.27943	1.7989	4.21939	2.08492	1
cg18795127	MTG1	0.2101674	0.2316861	1.863237	1.863237	0.992977	1.06177	1.06177	0.0886539	0.985938	-2.55109	0.802004	1.13142	1.13142	0.4024866	0.312044	-3.20468	0.923915	1.04806	1.04806	0.2196414	1.88622	1.88622	0.295725	0.9179065	-1.08944	0.2659342	0.5657208	-1.7677	1.79887	6.880743	3.40002	1
cg04041753	AHRR;LOC100310782	0.2101674	0.0795612	0.5577985	-1.79315	0.1884901	0.5923337	-1.68823	0.1973665	0.775546	-1.28941	0.830839	1.14422	1.14422	0.0513638	0.503112	-1.85421	0.7037313	1.899106	-1.11222	0.165663	0.7807715	-1.28028	0.9555526	1.04705	1.04705	0.2740113	0.113738	0.637524	-1.56858	1.79887	2.20724	1.09068	1
cg10784843	ORAI1	0.2101681	0.0799266	1.44379	1.44379	0.849551	0.961332	-1.04022	0.325227	1.21168	1.21168	0.508471	1.13518	1.13518	0.7803163	0.950651	-1.05191	0.97108	1.00688	-1.00688	0.9703646	0.9613704	-1.04012	0.9970033	1.00077	1.00077	0.7227113	1.07657	1.07657	1.79888	1.122195	0.60374	1
cg25480411	MANBA	0.2101685	0.227193	1.19488	1.19488	0.3511762	0.2724	2.0724	0.1995823	1.14331	1.14331	0.6326265	0.9358527	-1.06854	0.6458251	1.142215	-1.14221	0.2316613	0.839799	-1.19046	0.9238052	0.8974422	-1.11383	0.1038881	1.630828	1.63082	0.3098417	0.5517	0.551709	0.2726	1.79914	0.5572	0.2726144	1
cg04139820	GPC5;GPC5;GPC3;GPC3	0.2101689	0.0923626	0.574568	-1.74044	0.22043	0.680178	-1.4702	0.200157	0.667081	-1.49906	0.035663	0.481226	-2.07802	0.0484569	0.509444	-1.96292	0.981495	0.993086	-1.00696	0.218187	0.6787769	-1.47325	0.406896	0.775845	-1.28892	0.128451	0.6116571	-1.63486	1.7988	2.54944	1.25982	1
cg16176093	C7orf50;MIR339;C7orf50;C7orf50	0.2101689	0.68814	1.13869	1.13869	0.2229615	2.4048	2.4048	0.0677052	1.93609	1.93609	0.506881	1.24204	1.24204	0.777508	0.912846	-1.09547	0.8315094	1.07985	1.07985	0.677822	1.14394	1.14394	0.7719188	0.9218301	-1.08454	0.1678644	0.6220558	-1.60902	1.7988	2.9518	1.46865	1
cg23392359	ARSB	0.2102035	0.350639	0.8422293	-1.18724	0.106162	0.3706	0.863131	0.960644	-1.03131	0.878671	1.02767	1.02767	0.0728292	0.69941	1.42978	1.42978	0.5454842	0.8965544	-1.11539	0.0676293	1.44162	1.44162	0.39437	0.8556383	-1.16866	0.556852	0.8992881	1.112	1.79874	0.9092373	0.449339	1
cg18269826	LRRK1;LRRK1	0.2102035	0.109236	1.32979	1.32979	0.338729	1.17461	1.17461	0.173013	1.26699	1.26699	0.948027	0.9894147	-1.0107	0.377194	1.15938	1.15938	0.2660068	0.827681	-1.2082	0.651999	0.929659	-1.07566	0.0235826	1.5546	1.5546	0.510797	1.115	1.115	1.79873	0.758753	0.374958	1
cg02130308	TACO1	0.2102037	0.1870251	1.7904	1.7904	0.5403253	0.581284	-1.72272	0.2215667	0.7497466	1.33365	-2.51657	0.18947	0.5401414	1.85201	0.2079793	-4.81082	0.2398222	0.615871	-1.62372	0.0415187	0.3860922	-2.5845	0.4821895	0.75709	-1.32081	0.4091963	0.947	0.7656664	1.79873	0.4647	0.5083	1
cg14631576	CENPP	0.2102037	0.389644	0.580321	-1.72318	0.1636729	0.152215	-6.56966	0.080115	0.301641	-3.3152	0.910728	0.9331009	-1.07169	0.257126	0.4818383	-2.07519	0.6143437	0.730785	-1.36839	0.68984	0.7806058	-1.28097	0.4103391	0.594729	-1.68144	0.368695	0.768313	1.76813	1.79872	10.8549	5.36428	1
cg12647993	NCOR2;NCOR2	0.2102111	0.1334648	0.6738764	-1.48399	0.1703433	0.3433	-2.91353	0.0178564	0.4005	-2.49655	0.1678554	0.3535	-2.82953

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg19052272	ALLC	0.01244	0.692945	0.775132	-1.29012	0.114859	0.26204	-1.16557	0.07742928	0.272595	-1.66845	0.942861	1.0502	1.0502	0.795634	1.18487	-1.18487	0.91626	1.07116	1.071116	0.814245	0.857423	-1.16629	0.2097526	5.32169	5.32169	0.87791	1.10569	1.179766	12.1612	6.01336	1
cg10206969	FBXL18	0.21044	0.638076	0.757725	-1.32052	0.3368239	0.44979	0.1447659	0.2615663	0.344076	0.7115149	0.806477	-1.23996	0.924129	0.958405	1.0434	0.934143	0.95266	1.04969	0.0885962	0.31122	0.311222	0.602843	0.734885	-1.36076	0.616066	0.743288	-1.34537	7.79655	5.803171	4.84767	1
cg09775373	METTL9;METTL9	0.21046	0.060617	1.22502	1.29502	0.4771	0.915444	-1.09237	0.373562	0.894375	-1.1181	0.204218	1.17791	1.17791	0.96415	0.994522	-1.00551	0.230807	0.857596	-1.16605	0.0848058	1.26229	1.26229	0.236636	1.16362	1.16362	0.928125	0.989035	-1.01109	1.79763	0.425212	0.210258	1
cg05092988	DSCAML1	0.21045	0.062641	1.599528	-1.66803	0.050705	0.580598	-1.72161	0.6564492	0.897615	-1.11536	0.219506	1.07985	1.07985	-1.37015	0.639042	0.8911192	-1.12212	0.142364	0.680694	-1.46909	0.20371	1.38707	1.38707	0.265941	0.753725	-1.32674	0.923194	1.0238	1.0238	1.79763	1.60361	0.8374452	1
cg09254926	PTER;PTER	0.21046	0.511082	1.15271	1.15271	0.082941	0.640942	-1.50582	0.870316	0.965764	-1.03545	0.790862	1.0583	1.0583	0.600169	0.726479	-1.3765	0.976478	1.00631	1.006311	0.0448039	1.63404	1.63404	0.296063	0.793735	-1.25987	0.320786	0.803552	-1.24447	1.79763	1.29418	0.639944	1
cg10762626	OCA2	0.21047	0.787462	0.909344	-1.09909	0.2773132	1.48782	1.48782	0.0404945	2.20247	2.20247	0.3734	1.725179	-1.37897	0.17698	0.607706	-1.65644	0.698132	0.871919	-1.1469	0.126165	0.558833	-1.78944	0.351439	1.40108	1.40108	0.807163	1.08981	1.08981	1.79763	3.52093	1.74103	1
cg08688063	ODC1;SNORA80B	0.21048	?	?	?	0.427987	2.10312	2.10312	0.0406292	0.109203	-9.15727	0.517982	1.82476	1.82476	0.649549	1.52098	1.52098	0.46392	1.9828	1.9828	0.969931	1.03512	1.03512	0.227103	0.310377	-3.22189	0.0892217	0.175058	-5.71239	1.87884	21.7148	10.1229	1
cg07295003	KHDRBS3	0.21045	0.490196	1.26325	1.26325	0.8972	0.957818	-1.04443	0.1663867	1.39167	1.39167	0.381603	1.34878	1.34878	0.031617	0.6615513	-2.76615	0.516675	0.803145	-1.24511	0.2615986	1.47176	1.47176	0.8501068	1.06508	1.06508	0.607343	0.841291	-1.18865	1.79762	3.16494	1.565	1
cg16681830	UCKL1AS;UCKL1	0.21045	0.820104	1.04532	1.045732	0.275509	-1.28931	0.892041	0.979924	-1.02677	0.560432	1.13536	0.630156	1.639	0.1639	0.1639	-6.09997	0.08101198	1.45705	1.457055	0.397202	0.84478	-1.18374	0.790512	0.949515	-1.05117	0.2539377	1.25727	1.25727	1.79761	1.07784	0.532976	1
cg06918474	3-Mar	0.21056	0.241726	0.43288	-2.31011	0.6683111	1.34249	1.34249	0.922267	0.935484	-1.06896	0.472527	0.606969	-1.64753	0.346549	0.51564	-1.93934	0.3984	0.553889	-1.80541	0.0200577	0.147044	-6.8007	0.0328515	0.181659	-5.50483	0.3602278	0.52589	-1.90154	1.79759	13.2926	6.57304	1
cg04499125	EPDR1	0.21059	0.181996	0.809714	-1.15293	0.1923125	1.0744	1.0744	0.0864	1.563777	1.563777	0.3730327	-1.36925	0.4478842	0.9256532	1.18634	0.4824805	1.74762	0.744784	1.03317	1.033317	0.2030307	0.833126	-1.20029	0.7764858	0.912901	-1.09541	0.5316	0.938661	-1.06535	1.79757	0.284117	0.1404904	1
cg17202519	DLG2;DLG2	0.21059	0.468433	0.581218	-1.72053	0.0287117	0.149876	-6.67216	0.0531146	0.1986	-5.03525	0.491512	0.545137	-1.8344	0.0513141	0.195496	-5.1152	0.29882	0.452882	-2.20808	0.201136	0.370438	-2.6995	0.175474	0.340542	-2.88565	0.647703	0.712894	-1.40273	1.79757	15.4042	7.61726	1
cg23465801	ATP11A;ATP11A	0.21062	0.110477	0.503181	-1.88615	0.7755026	0.900945	-1.10955	0.908867	0.990081	-1.00426	0.802422	0.912594	-1.09579	0.006799222	0.278195	-3.5946	0.533152	0.794315	-1.25885	0.183585	0.697763	-1.43315	0.895071	1.04859	1.04859	0.762621	1.894941	-1.11739	1.79756	3.78914	1.87372	1
cg25549459	POU3F3	0.21071	0.0928948	1.47073	1.47073	0.403392	0.836593	-1.19532	0.6574693	0.983914	-1.01635	0.42077	1.18723	1.18723	0.376597	0.827549	-1.20839	0.689174	0.919529	-1.08751	0.0723515	0.658089	-1.51955	0.130132	0.710966	-1.40654	0.257485	1.27964	1.27964	1.79752	1.23948	0.612932	1
cg10594510	SLC12A7	0.21072	0.97905	1.02229	1.02229	0.238745	0.68688	1.63688	0.24619	2.76848	2.76848	0.64408	1.47791	1.47791	0.279503	0.389146	-2.56973	0.515712	0.590614	-1.69315	0.4406454	0.387283	-2.04612	0.208731	3.04249	3.04249	0.369008	0.460846	-2.16992	1.79752	20.0707	9.92514	1
cg25539644	FBXO4;FBXO4;FBXO4;FBXO4	0.21072	0.220116	0.819349	-1.22059	0.6638207	0.714764	-1.39006	0.4647431	1.44467	1.44467	0.85096	1.03049	1.03049	0.796573	0.959632	-1.04209	0.513311	0.899561	-1.11165	0.492079	1.11758	1.11758	0.428358	0.878885	-1.1378	0.422075	1.1399	1.1399	1.79752	0.725762	0.358896	1
cg25325645	PDE10A;PDE10A	0.21078	0.593221	0.882471	-1.13318	0.0279118	0.547491	-1.82651	0.323547	0.789439	-1.26672	0.419116	1.21098	1.21098	0.583793	0.879595	-1.13689	0.755484	0.930123	-1.07513	0.0580226	1.64353	1.64353	0.579206	0.87819	-1.13871	0.963113	0.988815	-1.01131	1.79748	1.53076	0.756989	1
cg03539735	EML1;EML1	0.21079	0.667247	0.918988	-1.08815	0.553482	1.12353	1.12353	0.0161955	1.774561	1.774561	0.771454	1.774561	1.774561	0.931961	1.01682	1.01682	0.447795	0.858558	-1.16474	0.2477373	0.780764	-1.2662	0.370196	1.19694	1.19694	0.239351	0.786055	-1.27217	0.766459	0.943482	-1.0599	1.79748	1.08612	0.537705	1
cg00385630	PRRG1;PRRG1	0.21079	0.226482	1.16662	1.166623	0.7548	0.2507828	0.313524	-1.38955	0.215605	0.588492	-1.9666	0.0582141	1.04043	1.04043	0.255533	0.731642	-1.36679	0.248529	0.534039	-1.87252	0.9508	0.972286	-1.0285	0.8765915	0.922562	-1.08394	0.803122	1.13872	1.13872	1.79748	1.68622	3.807221	1
cg23562538	MAPK15	0.21082	0.196435	0.562386	-1.77814	0.0786255	0.439059	-2.2776	0.626062	1.2299	1.2299	0.61565	0.807914	-1.23776	0.611364	1.24102	1.24102	0.34786	1.50275	1.50275	0.242271	0.597077	-1.67482	0.0568269	0.403191	-2.48021	0.3055113	1.56378	1.56378	1.79747	5.0551	2.49986	1
cg14950141	C6orf35;C6orf35	0.21088	0.225595	1.13486	1.13486	0.887508	1.02617	1.02617	0.9116282	1.01586	1.01586	0.117683	1.1722	1.1722	0.256844	1.01911	1.01911	0.263827	1.12332	1.12332	0.915501	0.800126	1.24669	1.24669	0.249202	0.582976	1.05666	1.05666	1.79744	0.28119	0.119057	1
cg11552201	RPS21	0.21049	0.962232	1.02127	1.02127	0.236658	1.73502	1.73502	0.0221766	3.88257	3.88257	0.139548	2.02704	2.02704	0.086916	0.938723	-1.06528	0.587091	1.27593	1.27593	0.118484	0.470868	-2.12374	0.999137	1.00048	1.00048	0.816469	1.10884	1.10884	1.79743	5.6221	2.78031	1
cg20647917	MIR655	0.21049	0.762038	0.850716	-1.17558	0.2136609	0.947053	1.13268	0.4017851	1.34982	1.34982	0.533568	0.570807	1.74494	0.82188	0.784802	-1.27403	0.142552	0.704795	0.406174	0.491171	1.78214	1.78778	0.0907784	0.520203	-1.92307	0.281292	0.609005	-1.64076	1.79743	3.84914	1.92462	1
cg05417409	JAKMIP3	0.21049	0.12145	0.336202	-2.97441	0.0398004	0.213739	-4.67861	0.721845	1.2612	1.2612	0.507534	0.646313	-1.54724	0.192702	0.408594	-2.44742	0.151249	0.368475	-2.71389	0.0428844	0.220271	-4.53986	0.1677007	0.384954	-2.59771	0.5516336	0.676382	-1.47845	1.7974	11.9978	5.93341	1
cg03018811	CAMK2N1	0.21048	0.135056	0.631841	-1.58268	0.899316	1.03673	1.03673	0.357721	0.763727	-1.30937	0.10898	0.60766	-1.64566	0.1865898	0.670987	-1.49034	0.327222	0.939605	-1.06428	0.248571	0.709125	-1.41093	0.0261316	0.471371	-2.12147	0.358622	1.30867	1.30867	1.79739	2.31196	1.14336	1
cg13581837	ACER2	0.21049	0.708802	0.889403	-1.12454	0.6468674	0.765084	-1.30684	0.2210306	0.537597	-1.86098	0.607089	0.873749	-1.14449	0.607089	0.873749	-1.14449	0.582493	0.910182	-1.09886	0.10858	0.979328	-1.02144	0.949507	1.10507	-1.10507	0.418646	1.29778	1.29778	1.79739	2.76901	1.3094	1
cg07318073	CXCL3;CXCL3	0.2105	0.0979969	0.747271	-1.3382	0.893194	0.97867	-1.02179	0.0573747	1.41201	1.41201	0.282213	1.19645	1.19645	0.901869	1.02	1.02	0.221164	0.813494	-1.22927	0.137029	1.29314	1.29314	0.78918	1.04395	1.04395	0.436805	1.13578	1.13578	1.79738	0.733317	0.362659	1
cg05561993	ADCK2;ADCK2	0.21053	0.094634	0.577907	-1.73123	0.1309	0.605736	-1.65191	0.8552376	1.080576	-0.92552	0.488306	1.33886	1.33886	0.2615207	0.607605	-1.64567	0.366192	0.744538	-1.34311	0.5596966	0.829075	-1.20616	0.6611854	0.770901	-1.29705	0.7860556	0.866192	-1.15351	1.53151	0.397207	2.87409	1.42138	1
cg12260990	TBC1D22A	0.21058	0.291135	0.681188	-1.46802	0.0912933	0.517334	-1.93299	0.0265951	0.394009	-2.53801	0.980493	1.0087	1.0087	0.958489	1.01862	1.01862	0.068675	0.485697	-2.0589	0.687252	1.15422	1.15422	0.918125	0.964216	-1.03711	0.188902	0.610618	1.63768	1.79732	1.57509	1.76811	1
cg13025422	LANCL2	0.21059	0.445599	1.19456	1.19456	0.330347	0.793129	-1.26083	0.157006	1.41798	1.41798	0.474716	1.18262	1.18262	0.603144	1.12857	1.12857	0.504688	1.16906	1.16906	0.44783	0.835527	-1.19542	0.0316911	1.78806	1.78806	0.064146	1.61607	1.61607	1.7973	1.15155	0.749518	1
cg13151799	MYPD1	0.21059	0.452631	1.61107	1.61107	0.3905	0.2503	2.5503	0.195516	1.17571	1.17571	0.96525	1.58414	1.58414	0.0966475	0.1994	0.1994	0.160602	2.54454	2.544554	0.096175	0.208299	1.00299	1.00299	0.98711	1.00299	0.98711	0.989981	-1.01012	0.394344	1.72247	1.72247	0.79229	1.01878	0.464885	1
cg04195332	ZNF673;ZNF673;ZNF673;ZNF673	0.21053	0.0206702	0.249901	-4.00159	0.209854	0.518062	-1.93027	0.624527	0.782325	-1.27824	0.705684	1.20781	1.20781	0.106235	0.473975	2.10982	0.049487	1.32777	-1.05092	0.205184	0.514176	-1.94486	0.504507	0.713886	-1.40078	0.810049	0.887069	-1.12731	1.79728	7.04921	3.48635	1
cg05872702	RICTOR;RICTOR	0.21053	?	?	?	0.2556154	0.314	3.18244	0.38177	1.0375	1.0375	0.8476759	1.08322	1.08322	0.019168	0.505154	-1.98014	0.363824	1.41121	-1.41121	0.0144366	0.241959	2.81959	2.819591	0.844207	1.168	1.168	0.280145	1.168	1.168	1.79725	0.824376	0.459262	1
cg14110147	MTIF3;MTIF3;MTIF3;MTIF3	0.21053	0.256741	1.3202	1.3202	0.250192	0.758637	-1.31815	0.491018	1.1784	1.1784	0.0151332	0.496398	-2.01451	0.713837	1.09027	1.09027	0.391553	1.22875	1.22875	0.901934	1.02935	1.02935	0.697755	0.912488	-1.0959	0.423909	0.825592	-1.21125	1.79724	1.56749	0.775254	1
cg23153252	UTS2D	0.21057	0.82642	0.934482	-1.07011	0.499997	1.23521	1.23521	0.0307529	2.18771	2.18771	0.145515	0.617415	-1.61966	0.118052	0.592367	-1.68814	0.546902	0.828539	-1.20694	0.393843	1.30928	1.30928	0.609819	1.17211	1.17211	0.926729	0.97202	-1.02879	1.79722	2.70961	1.34015	1
cg07655119	NECAB3;NECAB3;C20orf144	0.21053	0.629877	0.79211	-1.26233	0.1122376	1.17654	1.17654	0.0300918	1.63271	1.63271	0.223645	0.788702	-1.26783	0.813039	0.954683	-1.04759	0.402156	0.848077	-1.17914	0.366725	0.836768	-1.19508	0.790986	0.952389	1.05239	1.05239	0.349358	1.20339	1.79721	1.0513	0.519966	1
cg09602400	TOP1MT	0.21042	0.212641	0.665258	-1.50318	0.146526	0.616382	-1.62237	0.4683118	0.795238	-1.25748	0.677245	1.13879	1.13879	0.08080792	0.348147	-2.87235	0.370488	0.751604	-1.33049	0.923043	0.970444	-1.03046	0.6495585	0.867601	-1.1526	0.551462	0.829371	-1.20573	1.7972	2.74415	1.35725	1
cg20179048	CAPZA2	0.21054	0.858484	1.077817	1.077817	0.1015	0.193096	-1.97481	0.2627055	1.16604	1.16604	0.575321	1.0668	1.0668	0.048028	0.772404	-1.29459	0.607883	0.92591	-1.08001	0.354466	1.14699	1.11496	0.0659921	0.406227	-2.24902	0.186108	0.852023	-1.17368	1.79719	0.33469	0.724328	1
cg00097357	SYT10	0.21053	0.256058	0.604628	-1.65391	0.2509335	0.322777	-3.09811	0.3192629	0.646072	-1.54782	0.836944	1.09139	1.09139	0.0659921	0.416722	2.39968	0.414936	0.702121	-1.42426	0.44408	0.718116	-1.39253	0.36416	0.4855	1.4855	0.186654	0.552069	-1.81137	1.79719	1.26638	2.5355	1
cg08958747	RAB26	0.21049	0.0965754	0.494643	-2.02166	0.8831195	1.05837	1.05837	0.227871	1.62971	1.62971	0.66483	1.18317	1.18317	0.136408	0.538404	-1.85734	0.405895	0.720299	-1.38832	0.0296536	0.372394	-2.68533	0.459195	0.747665	-1.3375	0.567228	0.8	-1.25	1.79717	4.23768	2.09598	1
cg22660341	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.21051	0.1688447	0.707826	-1.41309	0.3154026	0.31366	3.188356	0.0274456	0.5019	-1.99302	0.0747851	0.662757	1.50923	0.0023784	0.2724424	3.67045	0.266422	1.76405	-1.76405	0.4512737	0.5	2	2	0.766405	1.31813	1.31813	0.857386	1.17136	1.17136	1.79715	21.9427	10.8353	1
cg20165701	SMCR7L	0.21051	0.508734	0.871343	-1.14765	0.746418	0.6893	-1.45043	0.290054	1.24747	1.24747	0.569737	0.888675	-1.12527	0.701624	0.923161	-1.08316	0.731526	0.659921	0.416722	2.39968	0.414936	0.702121	-1.42426	0.44408	0.718116	-1.39253	0.36416	0.4855	1.4855	0.186654	0.552069	-1.81137	1.79719	1.26638	2.5355	1
cg21603766	PHF;PHF9	0.21055	0.061963	1.177	1.177	0.6833	0.1455	1.8477	0.2222	1.2428	1.2428	0.246982	0.841963	-1.1877	0.662622	1.0447	1.0447	0.248482	0.894	1.118568	0.0593	0.0593	2.4	2.4	0.0593	2.4	0.0593	0.0593	2.4	0.0593	2.4	1.79715	0.0593	2.4	1
cg07368073	CLK3;CLK3;CLK3;CLK3	0.21055	0.203322	0.63219	-1.63219	0.00689538	0.58264	1.23723	1.23723	0.934154	1.03061	1.03061	1.79713	3.78878	1.87399	1																					
cg07637691	RPTOR;RPTOR	0.21052	0.366192	0.744538	-1.34311	0.5596966	0.866192	-1.15351	0.5311552	0.397207	2.87409	1.42138	1.79712	1.60925	1																					
cg03482268	CDS1;CDS1	0.21061	0.54067	0.70233	-1.42393	0.3165598	1.17241	1.17241	0.24426	1.70676	1.70676	0.816417	1.03637	1.03637	0.816417	1.03637	1.03637	0.371214	1.15149	1.15149	0.95899	0.874964	-1.1429	0.271898	0.841264	-1.18869	0.753425	0.95274	-1.0496	1.79711	0.775795	0.332284	1
cg01770296	MIA3	0.21061	0.138794	0.376944	-2.65291	0.845716	0.887555	-1.12669	0.476311	1.55807	1.55807	0.911381	0.935403	-1.06906	0.6576828	0.2687	-3.72162	0.426373	0.608171	-1.64428	0.0373102	0.227668	-4.39237	0.102549	0.33493	-2.98569	0.290117	0.510558	-1.95864	1.79711	10.6706	5.27791	1
cg26240274	BMP7	0.21061	0.452631	1.61107	1.61107	0.3905	0.2503	2.5503	0.195516	1.17571	1.17571	0.96525	1.58414	1.58414	0.0966475	0.1994	0.1994	0.160602	2.54454	2.544554	0.096175	0.208299	1.00299	1.00299	0.98711	1.00299	0.98711	0.989981	-1.01012	0.394344	1.72247	1.72247	0.79229	1.01878	0.464885	1
cg04395332	ZNF673;ZNF673;ZNF673;ZNF673	0.21053	0.0206702	0.249901	-4.00159	0.209854	0.518062	-1.93027	0.624527	0.782325	-1.27824	0.705684	1.20781	1.20781	0.106235	0.473975	2.10982	0.049487	1.32777	-1.05092	0.205184	0.514176	-1.94486	0.504507	0.713886	-1.40078	0.810049	0.887069	-1.12731	1.79728	7.04921	3.48635	1
cg05872702	RICTOR;RICTOR	0.21053	?	?	?	0.2556154	0.314	3.18244	0.38177	1.0375	1.0375	0.8476759	1.08322	1.08322	0.019168	0.505154	-1.98014	0.363824	1.41121	-1.41121	0.0144366	0.241959	2.81959	2.819591	0.844207	1.168	1.168	0.280145	1.168	1.168	1.79725	0.824376	0.459262	1
cg14110147	MTIF3;MTIF3;MTIF3;MTIF3	0.21053	0.256741	1.3202	1.3202	0.250192	0.758637	-1.31815	0.491018	1.1784	1.1784	0.0151332	0.496398	-2.01451	0.713837	1.09027	1.09027	0.391553	1.22875	1.22875	0.901934	1.02935	1.02935	0.697755	0.912488	-1.0959	0.423909	0.825592	-1.21125	1.79724	1.56749	0.775254	1
cg23153252	UTS2D	0.21053	0.82642	0.934482	-1.07011	0.499997	1.23521	1.23521	0.0307529	2.18771	2.18771	0.145515	0.617415	-1.61966	0.118052	0.592367	-1.68814	0.546902	0.828539	-1.20694	0.393843	1.30928	1.30928	0.609819	1.17211	1.17211	0.926729	0.97202	-1.02879	1.79722	2.70961	1.34015	1
cg07655119	NECAB3;NECAB3;C20orf144	0.21053	0.629877	0.79211	-1.26233	0.1122376	1.17654	1.17654	0.0300918	1.63271	1.63271	0.223645	0.788702	-1.26783	0.813039	0.954683	-1.04759	0.402156	0.848077	-1.17914	0.366725	0.836768	-1.19508	0.790986	0.952389	1.05239	1.05239	0.349358	1.20339	1.79721	1.0513	0.519966	1
cg09602400	TOP1MT	0.21042	0.212641	0.665258	-1.50318	0.146526	0.616382	-1.62237	0.4683118	0.795238	-1.25748	0.677245	1.13879	1.13879	0.08080792	0.348147	-2.87235	0.370488	0.751604	-1.33049	0.923043	0.970444	-1.03046	0.6495585	0.867601	-1.1526	0.551462	0.829371	-1.20573	1.7972	2.74415	1.35725	1
cg20179048	CAPZA2	0.21054	0.858484	1.077817	1.077817	0.1015	0.193096	-1.97481	0.2627055	1.16604	1.16604	0.575321	1.0668	1.0668	0.048028	0.772404	-1.29459	0.607883	0.92591	-1.08001	0.354466	1.14699	1.11496	0.0659921	0.406227	-2.24902	0.186108	0.852023	-1.17368	1.79719	0.33469	0.724328	1
cg00097357	SYT10	0.21053	0.256058	0.604628	-1.65391	0.2509335	0.322777	-3.09811	0.3192629	0.646072	-1.54782	0.836944	1.09139	1.09139	0.0659921	0.416722	2.39968	0.414936	0.702121	-1.42426	0.44408	0.718116	-1.39253	0.36416	0.4855	1.4855	0.186654	0.552069	-1.81137	1.79719	1.26638	2.5355	1
cg08958747	RAB26	0.21049	0.0965754	0.494643	-2.02166	0.8831195	1.05837	1.05837	0.227871	1.62971	1.62971	0.66483	1.18317	1.18317	0.136408	0.538404	-1.85734	0.405895	0.720299	-1.38832	0.0296536	0.372394	-2.68533	0.459195	0.747665	-1.3375	0.567228	0.8	-1.25	1.79717	4.23768	2.09598	1
cg22660341	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.21051	0.1688447	0.707826	-1.41309	0.3154026	0.31366	3.188356	0.0274456	0.5019	-1.99302	0.0747851	0.662757	1.50923	0.0023784	0.2724424	3.67045	0.266422	1.76405	-1.76405	0.4512737	0.5	2	2	0.766405	1.31813	1.31813	0.857386	1.17136	1.17136	1.79715	21.9427	10.8353	1
cg20165701	SMCR7L	0.21051	0.508734	0.871343	-1.14765	0.746418	0.6893	-1.45043	0.290054	1.24747	1.24747	0.569737	0.888675	-1.12527	0.701624	0.923161	-1.08316	0.731526	0.659921	0.416722	2.39968	0.414936	0.702121	-1.42426	0.44408	0.718116	-1.39253	0.36416	0.4855	1.4855	0.186654	0.552069	-1.81137	1.79719	1.26638	2.5355	1
cg21603766	PHF;PHF9	0.21055	0.061963	1.177	1.177	0.6833	0.1455	1.8477	0.2222	1.2428	1.2428	0.246982	0.841963	-1.1877	0.662622	1.0447	1.0447	0.248482	0.894	1.118568	0.0593	0.0593	2.4	2.4	0.0593	2.4	0.0593	0.0593	2.4	0.0593	2.4	1.79715	0.0593	2.4	1
cg07368073	CLK3;CLK3;CLK3;CLK3	0.21055	0.203322	0.63219	-1.63219	0.00689538	0.58264	1.23723	1.23723	0.934154	1.03061	1.03061	1.79713	3.78878	1.87399	1																					
cg07637691	RPTOR;RPTOR	0.21052	0.366192	0.744538	-1.34311	0.5596966	0.866192	-1.15351	0.5311552	0.397207	2.87409	1.42138	1.79712	1.60925	1																					
cg24329398	TTL4	0.21052	0.532405	0.49112	-2.0362	0.4812441	2.515369	2.515369	0.0190084	37.3212	37.3212	0.956812	0.944036	-1.05928	0.95149	0.934406	-1.0702	0.738735	0.960012	-1.04165	0.423787	1.10473	1.10473	0.334201	0.858654	-1.16502	0.0911269	0.670281	-1.49203	1.79718	34.7319	10.0462	1
cg09160824	PTPRN2;PTPRN2;PTPRN2	0.21059	0.9244733	1.012248	1.38646	0.3022295	0.877847	-1.39151	0.9914414	0.998689	-1.00131	0.354496	0.890355	1.12315	0.3818701	0.7952	-1.26499	0.738735	0.960012	-1.04165	0.423787	1.10473	1.10473	0.334201	0.858654	-1.16502	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(1047 vs. N)	p-value(1047 vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00672331	SRCIN1	0.210796	0.326236	2.14656	0.214656	0.02498128	7.47428	7.47428	0.148468	3.21566	3.21566	0.992847	0.993267	-1.00878	0.222845	2.62568	2.62568	0.432882	1.82763	1.82763	0.126815	1.47134	3.47134	0.246448	2.49284	2.49284	0.0454399	5.6358	1.79604	16.1553	7.99553	1
cg02369907	ZNF774	0.210797	0.783042	0.948635	-1.05415	0.631972	0.915135	-1.09657	0.537105	0.88746	-1.12681	0.221624	1.27816	1.27816	0.219799	1.27953	1.27953	0.10389	0.711976	-1.40454	0.227581	0.785075	-1.27376	0.052093	1.52519	1.52519	0.899744	1.02437	1.02437	1.79604	1.03813	0.513787	1
cg01745692	ELAC2;ELAC2;ELAC2 /// ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.210797	0.682051	1.10337	1.10337	0.768423	0.931916	-1.07306	0.0529703	1.69082	1.69082	0.991319	0.810785	-1.23337	0.219403	0.734598	-1.36129	0.682603	0.906479	-1.10317	0.0342844	1.80358	1.80358	0.692061	1.09973	1.09973	0.628147	1.12362	1.12362	1.79604	1.62232	0.802916	1
cg23712970	1	0.210807	0.271082	1.17313	1.17313	0.269217	0.851848	-1.17392	0.0269699	0.694183	-1.44054	0.681346	0.944087	-1.05922	0.251474	0.846233	-1.18171	0.81371	0.96764	-1.03344	0.0760822	0.759519	-1.31662	0.392839	0.885163	-1.12974	0.552377	1.0867	1.0867	1.79599	0.552384	0.273391	1
cg00530144	B3GNTL1	0.210809	0.0268052	0.613948	-1.6288	0.172177	0.763184	-1.3103	0.613069	1.0993	1.0993	0.897767	0.976378	-1.02419	0.219558	0.780552	-1.27537	0.425266	0.859484	-1.16349	0.484442	0.876215	-1.14127	0.135055	1.34933	1.34933	0.368888	0.842289	-1.18724	1.79598	0.983787	0.486008	1
cg19751567	CC2D2B;CC2D2B	0.210815	0.209013	1.39122	1.39122	0.988708	0.996478	-1.00353	0.569453	0.866453	-1.15413	0.490769	0.818315	-1.22202	0.055918	0.582776	-1.71593	0.36096	0.791241	-1.26384	0.05035	1.74403	1.74403	0.771888	0.930086	-1.07517	0.480692	0.836333	-1.1957	1.79595	1.76827	0.875189	1
cg26961953	SMARC2;SMARC2I3	0.210815	0.120984	0.466923	-2.14302	0.0656119	0.958096	-1.05694	0.55005	0.936823	-1.06913	0.0484884	0.950952	-1.27815	0.097655	0.483731	-2.2701	0.388073	0.66965	-1.49312	0.0762159	1.14407	1.14407	0.791671	1.1275	1.1275	0.158446	0.5049	-1.98059	1.79595	5.84457	2.89271	1
cg11370532	PRDX2;PRDX2;PRDX2;PRDX2	0.210816	0.203158	1.16537	1.16537	0.244033	0.827357	-1.20867	0.582079	0.95864	-1.06537	0.676463	0.953315	-1.04897	0.0586971	0.784052	-1.27543	0.519126	0.927225	-1.07849	0.0649451	0.793494	-1.26025	0.587767	1.06434	1.06434	0.190501	0.855918	1.16348	1.79595	0.369166	0.182715	1
cg25308086	PRDM16;PRDM16	0.21082	0.130998	0.602331	-1.66022	0.0206458	0.420401	-2.37868	0.782667	0.917625	-1.08977	0.327633	0.730408	-1.3691	0.138115	0.608735	-1.64275	0.378362	1.32444	1.32444	0.450238	1.27021	1.27021	0.765753	0.911294	-1.09734	0.455584	0.789573	-1.26651	1.79593	2.74919	1.3607	1
cg27439400	ABCB7	0.210829	0.136929	1.32127	1.32127	0.312445	0.923795	-1.08253	0.743883	1.08353	-1.08353	0.637247	0.857345	-1.88583	0.59081	2.99852	2.99852	0.39552	1.35404	1.35404	0.207504	1.12183	1.12183	0.418994	1.07227	1.07227	0.0804637	1.19201	1.19201	1.79593	14.2864	5.0971	1
cg04624059	SPTA1;SPTA1	0.210821	0.0884466	0.695602	-1.4376	0.445974	0.16186	-1.66186	0.554028	1.12554	1.12554	0.54028	0.98238	-1.01705	0.939323	0.998139	-1.00186	0.49728	1.14234	1.14234	0.0671263	1.48626	1.48626	0.0628258	1.49814	1.49814	0.200606	2.083	1.2983	1.79593	1.06074	0.525008	1
cg22457193	FBXO5;FBXO5	0.210822	0.0994238	0.569571	-1.75571	0.601162	0.849387	-1.1787	0.874424	1.05035	1.05035	0.0481849	0.495951	-2.01633	0.294866	0.713624	-1.4013	0.75045	1.10417	1.10417	0.1120796	0.559014	1.6863	0.0368899	0.460945	-2.13199	0.454212	0.790034	-1.26577	1.79593	2.74153	1.3579	1
cg13757640	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.21083	0.110032	1.17674	1.17674	0.0566975	4.18424	4.18424	0.208668	2.40966	2.40966	0.270527	2.14101	2.14101	0.589147	1.41594	1.41594	0.88835	0.910998	-1.0977	0.278422	0.473376	-2.11248	0.70345	1.2889	1.2889	0.0506039	4.38498	4.38498	1.79589	12.5243	6.19898	1
cg13546935	SPDYA;SPDYA;SPDYA /// PPP1R36A;PPP1R36A;PPP1R36A;PPP1R9A;P	0.210842	0.307519	3.21741	3.21741	0.907255	1.13761	1.13761	0.135538	1.92807	5.92807	0.307662	3.19968	3.19968	0.168746	0.57408	-1.74192	0.638683	0.592626	-1.68741	0.948507	1.07406	1.07406	0.0147305	2.67835	27.6835	0.143192	5.70029	5.70029	1.79583	34.8086	17.2293	1
cg12916562	PP1R9A	0.210845	0.56844	1.41023	1.41023	0.175985	0.424024	-2.35836	0.643767	0.757534	-1.32007	0.337904	1.80238	1.80238	0.597891	0.728046	-1.37354	0.610325	1.35863	1.35863	0.44869	1.5847	1.5847	0.0132013	6.24613	6.24613	0.509967	1.48966	1.48966	1.79582	10.1135	5.00596	1
cg01403165	PPCDC	0.210846	0.429683	1.47313	1.47313	0.30424	1.66764	1.66764	0.777066	0.837458	-1.14619	0.449543	1.4533	1.4533	0.627389	0.365577	-2.1764	0.151313	0.477577	-2.0935	0.058838	0.358553	-2.78899	0.798057	1.13051	1.13051	0.407978	0.665774	-1.50201	1.79582	6.57956	3.25228	1
cg15015920	MARCH11;MARCH11	0.210847	0.805537	1.07657	1.07657	0.684423	0.127357	-1.22867	0.582079	0.95864	-1.06537	0.676463	0.953315	-1.04897	0.0586971	0.784052	-1.27543	0.854575	0.952817	-1.04952	0.826223	1.04056	1.04056	0.0314815	1.95158	1.9515	0.19581	1.9987	1.9987	1.79581	0.989314	0.494954	1
cg03765586	KLHL4;KLHL4;KLHL4;KLHL4	0.210854	0.577322	0.833219	-1.20016	0.0759906	0.527321	-1.89638	0.291617	0.701432	-1.42565	0.676258	1.14579	1.14579	0.150186	0.606605	-1.64852	0.110829	0.569484	-1.75597	0.065612	0.511905	-1.95349	0.577831	0.833427	-1.19987	0.236177	1.49524	1.49524	1.79578	2.98717	1.47861	1
cg26578072	TTLL10	0.210854	0.444894	1.15238	1.15238	0.900972	0.107584	-1.02291	0.0314473	0.638766	-1.56552	0.398686	0.854399	-1.17045	0.20157	0.782204	-1.27839	0.0735199	0.605327	-1.43817	0.585697	0.994623	-1.00543	0.14037	1.37572	1.37572	0.76878	0.943253	1.46899	1.79578	0.943253	0.468899	1
cg23021855	APLF;FBXO48	0.210856	0.1143	1.21739	1.21739	0.36499	0.898888	-1.11249	0.535208	1.07456	1.07456	0.0967493	0.811567	-1.23218	0.165864	1.18439	1.18439	0.998941	0.998948	-1.00015	0.235784	1.1529	1.1529	0.151216	0.8385009	-1.19259	0.74909	1.03743	1.03743	1.79577	0.372989	0.184626	1
cg19321196	MYO6	0.210858	0.74892	1.09648	1.09648	0.715175	0.508057	1.26482	0.485117	1.23707	1.23707	0.223377	0.562442	1.56255	0.0178344	2.66946	2.66946	0.0846501	1.45105	1.45105	0.0159946	0.553037	1.80816	0.0222	1.80021	1.80021	0.153159	0.603715	1.64564	1.79576	1.58219	0.78329	1
cg14126091	TGFBRAP1;TGFBRAP1	0.21086	0.651491	1.10825	1.10825	0.035795	0.575698	-1.73702	0.0527866	0.607975	-1.6448	0.123915	0.686159	-1.45739	0.144893	0.701931	1.42464	0.33148	1.797325	-1.25419	0.673453	1.10055	1.10055	0.936779	0.982228	-1.01809	0.833738	0.953596	-1.04866	1.79575	1.45326	0.719558	1
cg05985576	DIS3L2	0.210862	0.981105	0.992884	-1.00717	0.6666726	0.537918	-1.85902	0.219454	0.67746	-1.4761	0.475309	0.803395	-1.24472	0.6807653	0.540027	-1.85176	0.89587	1.04028	1.04028	0.814651	0.931634	-1.07338	0.244195	1.44398	1.44398	0.0645237	0.53462	-1.87049	1.79574	2.58617	1.28015	1
cg23162343	COPZ1	0.210881	0.0950292	1.43013	1.43013	0.454912	0.895059	-1.11724	0.977059	0.95582	-1.0042	0.187138	1.22587	1.22587	0.0575252	1.30731	1.30731	0.391081	1.13656	1.13656	0.606649	1.07858	1.07858	0.484038	0.9015593	-1.10915	0.507482	1.01029	1.01029	1.79566	0.603387	0.293869	1
cg17620335	NCOA4;NCOA4;NCOA4	0.210881	0.240033	0.501003	-1.996	0.788377	0.85972	-1.16317	0.754842	1.19242	1.19242	0.282608	1.86309	1.86309	0.107365	0.372566	-2.68409	0.980731	1.01366	1.01366	0.118527	0.385951	-2.591	0.886235	0.922722	-1.08375	0.0260952	0.226912	-4.407	1.79566	8.97646	4.44354	1
cg25177113	AGRN	0.210886	0.973649	0.994632	-1.0054	0.218018	0.810008	-1.23456	0.870358	1.02508	1.02508	0.698728	0.908915	1.10994	0.161634	1.12884	1.12884	0.919076	1.0167	1.0167	0.707921	1.41445	-1.37494	0.0788355	1.08531	1.08531	0.0708189	1.06371	1.06371	1.79559	0.755326	0.373868	1
cg07408114	SIRPA;SIRPA;SIRPA;SIRPA	0.210889	0.287299	0.201335	-4.96684	0.34976	0.40428	0.40428	0.275473	5.18532	5.18532	0.224775	0.0189538	-52.5799	0.386539	0.275909	3.62439	0.308928	2.170753	0.467017	0.973312	1.04073	1.04073	0.841097	1.33805	1.33805	0.03405	1.68418	1.68418	1.79557	19.8472	29.627	1
cg12879339	MFAP3;MFAP3;FAM114A2;MFAP3	0.2109	0.156452	2.34532	2.34532	0.4408263	0.265103	-3.77211	0.83076	1.1279	1.1279	0.793324	0.862732	-1.15911	0.710443	1.23332	1.23332	0.696874	1.24624	1.24624	0.218139	0.482655	-2.07187	0.206785	2.11431	2.11431	0.17959	2.229	2.229	1.79557	8.99257	4.45173	1
cg04879240	GSG1;GSG1;GSG1;GSG1	0.210902	0.56223	1.13082	1.13082	0.1776049	0.757068	-1.3152	0.6818393	0.850233	-1.44879	0.5612014	1.33446	1.33446	0.322134	0.824021	-1.21349	0.269596	1.24905	1.24905	0.1474473	1.39345	1.39345	0.754348	1.07059	1.07059	0.804095	0.977073	-1.02347	0.576765	1.79556	0.576765	0.321228	1
cg05195566	SLIR	0.210902	0.778449	1.05717	1.05717	0.115625	0.407111	1.40711	0.944604	0.986396	-1.01379	0.478202	0.867515	-1.15272	0.195219	0.955955	-1.04607	0.229614	1.28206	1.28206	0.0157161	1.79234	1.79234	0.199623	1.30618	1.30618	0.820978	0.956308	-1.04569	1.79556	1.10485	0.546956	1
cg18444811	C11orf51	0.210905	0.754849	1.09648	1.09648	0.715175	0.508057	1.26482	0.485117	1.23707	1.23707	0.223377	0.562442	1.56255	0.0178344	2.66946	2.66946	0.0846501	1.45105	1.45105	0.0159946	0.553037	1.80816	0.0222	1.80021	1.80021	0.153159	0.603715	1.64564	1.79556	1.58219	0.78329	1
cg17669542	DNAH6	0.210924	0.980714	1.01652	1.01652	0.108693	0.305537	-3.27293	0.496857	0.626575	-1.59598	0.442976	0.588553	-1.66908	0.0212738	0.15319	6.52784	0.827117	1.862236	-1.15978	0.0634035	0.243009	-4.11507	0.106443	0.302805	-3.30245	0.947016	1.955961	-1.04607	1.79546	13.0593	6.46533	1
cg08996506	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.210925	0.0174002	0.330442	-3.02625	0.456447	1.51876	1.51876	0.108507	2.62381	2.62381	0.914629	0.942622	-1.06087	0.584412	0.737615	-1.35572	0.815138	1.13774	1.13774	0.683053	1.24621	1.24621	0.0469284	1.14623	1.14623	0.188349	0.463936	-2.15547	1.79545	8.63298	4.27399	1
cg03778780	SLIT;SLIT;SLIT	0.210926	0.606586	1.07248	1.07248	0.644625	-2.2605	0.882913	0.5497	1.24817	1.24817	0.23377	0.562442	1.56255	0.0178344	2.66946	2.66946	0.0846501	1.45105	1.45105	0.0159946	0.553037	1.80816	0.0222	1.80021	1.80021	0.153159	0.603715	1.64564	1.79545	1.58219	0.78329	1
cg00361164	PAK6;PAK6;PAK6;C15orf56	0.210929	0.21819	0.366964	-2.72506	0.246509	2.55476	2.55476	0.778005	0.803519	-1.24452	0.264607	0.406606	-2.45938	0.263439	0.405636	-2.46527	0.458649	1.79327	1.79327	0.216899	0.365825	-2.73355	0.377896	0.496463	-2.01425	0.0525613	0.50619	5.50619	1.79544	17.034	8.43322	1
cg08080504	DEF8	0.210931	0.132525	1.21058	1.21058	0.2708572	1.09372	1.09372	0.0479991	-2.08337	0.0479991	-2.08337	0.152257	1.09372	0.100203	0.915648	-1.09248	0.344114	1.07267	1.07267	0.0295975	1.13142	1.13142	0.0965514	1.03984	1.03984	-1.04332	0.1237726	0.183474	1.54505	1.79543	20.0519	8.61362	1
cg02644840	STIM1	0.210932	0.31456	0.852376	-1.19721	?	?	?	0.767668	1.05261	1.05261	0.305362	1.20164	1.20164	0.0215202	1.46456	1.46456	0.494508	1.27557	1.27557	0.0708267	0.704994	-1.41845	0.622951	0.917808	-1.08955	0.620994	0.918488	1.08875	1.80395	0.7606577	0.421672	1
cg04916103	UBE2G1	0.210938	0.796282	0.951901	-1.05053	0.0180123	0.578371	-1.72899	0.862557	1.03357	1.03357	0.453322	0.864542	-1.15668	0.0799348	0.690584	-1.44805	0.0919474	0.702232	-1.42403	0.756427	1.06108	1.06108	0.705761	1.07495	1.07495	0.76668	0.944881	-1.05833	1.7954	1.03234	0.511103	1
cg21895326	CHST9	0.210939	0.135901	1.34116	1.34116	0.395539	1.7768	1.7768	0.13102	2.08992	2.08992	0.166363	1.54563	0.979996	0.890407	1.12151	1.12151	0.863208	1.03428	1.03428	0.906504	1.01067	1.01067	0.937287	0.263875	-3.78967	0.191165	0.582742	-1.71602	0.418365	1.72422	1.38079	1.79539	4.329	2.14327	1
cg01824511	FOXA1;FOXA1	0.21094	0.679938	1.3085	1.3085	0.108305	1.67796	1.67796	0.84794	0.94551	-1.05763	0.358055	0.756644	-1.32162	0.893587	0.961231	-1.04033	0.618084	1.16009	1.16009	0.0285024	0.465964	-2.14609	0.485581	1.23288	1.23288	0.174037	1.53302	1.53302	1.79539	2.48193	1.2288	1
cg18234089	SUPV3L1	0.210941	0.225347	1.23156	1.23156	0.3259	0.929	-1.08454	0.823494	1.17996	1.17996	0.0514884	0.644005	-1.55284	0.0133331	1.55284	1.55284	0.214124	1.31308	1.31308	0.524869	1.08237	-1.11361	0.599104	1.08237	1.08237	0.0885153	1.08851	1.08851	1.79538	0.603387	0.293869	1
cg22536770	CRTC1;CRTC1	0.210943	0.812927	1.09184	1.09184	0.1144218	2.33253	2.33253	0.528708	1.26687	1.26687	0.875372	1.0599	1.0599	0.155536	0.567593	-1.76182	0.828342	1.092674	-1.08381	0.805762	0.912736	-1.09561	0.950379	0.977199	-1.02333	0.385249	0.718983	-1.39085	1.79537	3.9058	1.93376	1
cg05908731	LOC284798;LOC284798;LOC284798	0.210944	0.0697342	1.73721	1.73721	0.2474101	3.27517	3.27517	0.0611205	5.6811	5.6811	0.625703	1.6102	1.6102	0.0115286	4.09333	4.09333	0.913079	1.0167	1.0167	0.707921	1.41445	1.41445	0.0390585	10.1194	10.1194	0.0662639	7.329	7.329	1.79537	26.7	13.192	1
cg19737132	ADRBK1	0.210945	0.637661	1.817945	1.22259	0.0734496	0.432261	1.81342	0.639265	1.28139	1.22139	0.712506	0.8572	1.16659	0.0388057	0.592939	-1.68729	0.515382	1.32235	1.32235	0.041093	0.486643	-2.33251	0.0844906	1.34908	1.34908	0.124842	0.708949	1.41054	1.79535	3.102555	1.5263	1
cg10158614	SNW1;C14orf178	0.210951	?	?	?	?	?	?	0.773026	1.14536	1.14536	0.319187	0.660477	-1.51406	0.403337	0.667442	-1.49826	?	?	?	0.0614114	0.356001	-2.80898	0.936166	0.963138	-1.03827	0.101516	2.3848	2.3848	1.99349	4.40673	2.21056	1
cg13041080	IL17F	0.210955	0.903766	1.03921	1.03921	0.0645467	0.516706	-1.93534	0.603676	1.18121	1.18121	0.100426	1.56434	1.56434	0.0177251	1.90955	1.90955	0.914463	1.03476	1.03476	0.0881584	1.13118	1.13118	0.279231	0.9195	-1.08755	0.739776	1.11182	1.11182	1.79532	2.87529	1.4236	1
cg12625278	KIAA0240	0.210957	0.904833	0.958328	-1.04348	0.185248	1.64877	1.64877	0.342697	1.14609	0.154256	1.72073	1.72073	0.129375	0.558133	-1.79169	0.849064	1.96981	1.96981	1.96981	0.270715	0.664905	-1.50397	0.222804	1.57761	1.57761	0.521828	1.25992	1.25992	1.79531	3.60124	1.78304	1
cg02888917	BRD2;BRD2	0.210957	0.971802	1.00549	1.00549	0.0232353	1.52255	1.52255	0.173582	1.25155	1.25155	0.863826	0.97375	-1.02696	0.192898	1.23805	1.23805	0.750312	0.951729	-1.05072	0.483188	0.895448	-1.11676	0.494825	0.898159	-1.11339	0.124244	1.29426	1.29426	1.79531	0.682809	0.338071	1
cg06241901	TTBK1	0.210961	0.395519	2.34211	2.34211	0.152161	2.61987	2.61987	0.0789009	3.40441	3.40441	0.417121	1.68315	1.68315	0.794362	0.849734	-1.17823	0.760019	0.829131	-1.20608	0.0185416	0.60593	-1.65051	0.234464	1.58696	1.58696	0.193342	1.73151	1.73151	1.79529	1.2095	0.614327	1
cg15380744	FGFBP2;FGFBP2	0.210967	0.103312	0.369252	-2.70818	0.064991	0.313076	-3.19411	0.155687	0.427679	-2.3382	0.290104	0.547784	-1.82554	0.49095	0.676244	-1.47876	0.073138	1.327105	-3.05712	0.0293869	0.238209	-4.19703	0.563123	0.721178	-1.38662	0.256113	0.515389	-1.94028	1.79527	8.88959	4.4015	1
cg20868493	HBEGF	0.210967	0.50387	1.20575	1.20575	0.0151588	2.27643	2.27643	0.0494	2.63505	2.63505	0.0241604	1.68288	1.68288	0.0312455	1.92102	1.92102	0.494853	1.2092	1.2092	0.0347552	1.13152	1.13152	0.406061	1.12439	1.12439	0.0887373	1.68302	1.68302	1.79527	1.23731	0.617113	1
cg07844112	1;MGAT3;MGAT1;MGAT1;MGAT1;MGAT	0.210977	0.700409	0.873437	-1.1449	0.340011	0.708802	-1.41083	0.269468	1.49556	1.49556	0.243925	0.652657	-1.5322	0.876769	0.947136	-1.05581	0.56233	0.814622	-1.22756	0.00962267	0.317564	-3.14897	0.970307	0.987056	-1.01311	0.343707	0.710777	-1.40691	1.79522	3.48306	1.72461	1
cg24769381	GAB2;GAB2;GAB2	0.210983	0.17203	0.47569	0.47569	0.36438	3.47655	3.47655	0.139813	0.129834	-1.70215	0.649503	0.555487	-1.80022	0.190493	0.93832	0.93832	0.318183	3.76505	0.363575	0.14672	1.64472	0.696573	1.6546	1.6546	0.10557	0.6985	0.6985	1.79519	46.9464	23.2455	1
cg24277007	OZZ4	0.210989	0.0480094	0.221997	-4.50456	0.0824107	0.27773	-3.60062	0.971501	1.02407	1.02407	0.679766	1.31836	1.31836	0.105097	0.307514	-3.25188	0.853229	1.13124	1.13124	0.213244	2.39363	2.39363	0.633119	1.37744	1.37744	0.455628	0.602909	-1.65862	1.79517	12.6065	6.24221	1
cg26059790	PIN01	0.210993	0.6646	1.1011	1.1011	0.2414	0.572675	-1.74619	0.0284804	0.644525	-1.55059	0.489922	1.16334	1.16334	0.0744004	1.50956	1.50956	0.914463	1.03476	1.03476	0.0881584	1.13118	1.13118	0.279231	0.9195	-1.08755	0.739776	1.11182	1.11182	1.79517	2.87529	1.4236	1
cg07402396	INPP5A	0.210995	0.558983	0.670863	-1.49062	0.402702	0.783738	1.78338	0.665754	1.33893	1.33893	0.725186	1.26925	1.26925	0.139712	0.20059	-4.98529	0.0353404	1.090999	-5.23564	0.851256	0.880902	-1.1352	0.492174	0.624225	-1.60199	0.166487	0.369144	-2.70897	1.79514	12.974	6.42427	1
cg17737972	ARHGEF10	0.211009	0.822307	1.04219	1.04219	0.2588199	1.6551	1.6551	0.0358028	1.57473	1.57473	0.493217	0.830281	-1.20475	0.325118	0.875204	-1.14269	0.514459	1.08402	1.08402	0.0247347	1.37492	1.37492	0.0477243	1.21533	1.21533	0.0748496	0.981312	1.02304	1.79513	1.02304	0.511152	1
cg09410045	MED12L;P2RY14	0.211013	0.523782	0.717227	-1.39426	0.163323	0.465167	-2.14977	0.884588	0.928008	-1.07758	0.8838212	0.373726	-2.67576	0.016349	0.220922	-4.52649	0.672139	1.24481	1.24481	0.852484	1.10049	1.10049	0.506419	1.41452	1.41452	0.545712	0.730113	-1.36965	1.79506	7.52328	3.72542	1
cg23664870	RPL26	0.211013	0.693821	0.956695	-1.04527	0.165151	1.18017	1.18017	0.121445	1.20668	1.20668	0.0893041	0.810881	-1.23123	0.131107	1.20008	1.20008	0.273422	1.13602	1.13602	0.870978	0.981977	-1.01835	0.444129	0.916409	-1.09122	0.291699	1.13022	1.13022	1.79506	0.355929	0.176251	1
cg12338501	ADM2	0.211013	0.955234	1.01021	1.01021	0.0925357	0.265389	-3.69595	0.653847	0.78999	-1.26599	0.0793574	0.453406	-2.20579	0.278456	0.54305	-1.84162	0.440605	1.03336	1.03336	0.719372	-1.39057	0.609775	1.03336	0.929012	1.07606	1.07606	0.515511	0.9956	1.09494	0.990954	-1.00913	0.75006	1.51511	25.3294	12.5356	1
cg17542288	TRIAP	0.211026	0.348086	0.777656	-1.28592	0.979775	0.993423	-1.00662	0.132632	0.655481	-1.5256	0.754024	0.921437	-1.08526	0.590849	1.15174	1.15174	0.409706	0.802982	-1.24536	0.484403	0.831132	-1.20318	0.0172176	2.12864	2.12864	0.765129	2.08111	1.08111	1.795	1.92629	0.953903	1
cg17364154	SLC23A3	0.211031	0.965784	0.989772	0.98772	0.732732	1.4282651	1.42826	1.32449	0.878344	1.78344	0.518782	0.729664	1.29664	0.0915582	1.03479	1.03479	0.216086	0.905542	-1.10424	0.0916534	1.02813	1.02813	0.0275482	1.32028	1.32028	0.0427903	1.53028	1.53028	1.79497	0.4099	0.213141	1
cg22723876	C5orf10

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg18400181	LRCH1;LRCH1;LRCH1	0.211221	0.289834	0.620921	-1.61051	0.951655	1.02665	1.02665	0.826289	0.909062	-1.10003	0.334514	0.649379	-1.53993	0.00705776	0.220813	-4.52872
cg17196946	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2	0.211226	0.0534033	0.144194	-6.93508	0.102249	0.206313	-4.84701	0.463476	0.517562	-1.93214	0.945121	1.06264	1.06264	0.0987483	0.202347	-4.94201
cg17634825	PIN4	0.21123	0.702625	0.922094	-1.08449	0.719379	1.07927	1.07927	0.626313	0.901443	-1.10933	0.608991	1.11526	1.11526	0.0760075	0.658692	-1.51816
cg09378756	PCK2;PCK2	0.211233	0.131684	0.310351	-3.22216	0.499598	0.610936	-1.63683	0.531568	0.634034	-1.5772	0.0713375	0.235	-4.25533	0.0519192	0.203873	-4.90502
cg26039298	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.211237	0.079859	0.508032	-1.96838	0.856743	1.06499	1.06499	0.838565	0.93139	-1.07366	0.234823	0.64799	-1.54323	0.16105	0.593576	-1.68471
cg06924355	PAQR3	0.211237	0.184877	0.447246	-2.2359	0.0573572	0.288559	-3.4655	0.782933	0.854997	-1.1696	0.278675	0.525954	-1.90131	0.216837	0.475854	-2.10149
cg22651103	HCFC1	0.211239	0.341313	0.694907	-1.43904	0.150335	1.77236	1.77236	0.230541	1.59504	1.59504	0.811167	1.09291	1.09291	0.524178	1.27073	1.27073
cg12398575	LOC149620	0.211242	0.529045	0.806821	-1.23943	0.474349	0.78278	-1.2775	0.556107	0.818404	-1.22189	0.789922	0.914043	-1.09404	0.052667	0.476417	-2.099
cg04909098	TTC7B	0.211245	0.812556	1.05164	1.05164	0.0936459	0.676518	-1.47816	0.210041	0.75579	-1.32312	0.171907	0.734739	-1.36103	0.709612	0.923777	-1.08251
cg09718251	WDR37	0.211246	0.246468	0.641658	-1.55846	0.314161	0.683126	-1.46386	0.135779	0.555145	-1.80133	0.495843	0.776345	-1.28809	0.212683	0.618469	-1.6169
cg26626598	ATP5A1;HAUS1;HAUS1	0.21125	0.0639091	2.92525	2.92525	0.749502	1.17952	1.17952	0.586442	0.753433	-1.32726	0.107531	2.47266	2.47266	0.614082	0.769457	-1.29962
cg17537935	SYNGR1	0.211251	0.426084	1.47368	1.47368	0.00880153	4.91157	4.91157	0.0631688	2.71037	2.71037	0.778928	1.1437	1.1437	0.438317	1.45817	1.45817
cg25378362	CTDP1;CTDP1	0.211253	0.0781573	0.450687	-2.21883	0.129444	0.513165	-1.94869	0.318272	0.656999	-1.52207	0.93988	0.96975	-1.03119	0.137885	0.521719	-1.91674
cg16710656	ANKRD11	0.211253	0.710485	0.789857	-1.26605	0.12177	2.88993	2.88993	0.0894724	3.26939	3.26939	0.481415	1.57263	1.57263	0.115454	0.338679	-2.95265
cg26810214	HDAC7;HDAC7	0.211264	0.0348948	0.349119	-2.86435	0.574344	0.784344	-1.27495	0.991582	1.00453	1.00453	0.150057	0.51662	-1.93566	0.0932101	0.453655	-2.20432
cg17480438	KIAA1244	0.211269	0.204831	0.541492	-1.84675	0.487332	1.38204	1.38204	0.533621	0.748955	-1.33519	0.824119	0.902972	-1.10745	0.036138	0.327159	-3.05661
cg06423533	UHRF1;UHRF1	0.211269	0.160974	0.392523	-2.54762	0.628918	0.737762	-1.35545	0.0917222	3.18892	3.18892	0.173798	0.405039	-2.4689	0.744602	0.815331	-1.2265
cg17146150	TEX9	0.211271	0.218181	1.29684	1.29684	0.625573	0.906026	-1.10372	0.028613	1.67902	1.67902	0.216947	0.770512	-1.29784	0.18994	1.32127	1.32127
cg17826834	NR2F2	0.211272	0.350778	2.0535	2.0535	0.0510719	0.189242	-5.28424	0.0380763	0.16507	-6.05802	0.923064	0.930183	-1.07506	0.242993	2.49777	2.49777
cg14681176	SIRT7	0.211281	0.338906	0.78204	-1.27871	0.558868	0.862927	-1.15885	0.831138	1.0547	1.0547	0.367008	0.79364	-1.26002	0.028144	0.523808	-1.9091
cg09551645	NOP58	0.211282	0.0302912	0.794661	-1.2584	0.143943	1.15221	1.15221	0.829672	0.980745	-1.01963	0.394507	1.08189	1.08189	0.954507	0.994865	-1.00516
cg06745004	ZBTB3	0.211288	0.187436	0.551504	-1.81322	0.0421562	2.71064	2.71064	0.81645	1.10411	1.10411	0.687043	1.18829	1.18829	0.0562088	0.398086	-2.51202
cg04218760	TMEM72	0.211294	0.269696	0.673585	-1.48459	0.60925	0.837587	-1.19391	0.508283	0.793968	-1.2595	0.986748	0.994307	-1.00573	0.0680834	0.495393	-2.0186
cg04525757	FOXG1	0.211296	0.938946	1.06374	1.06374	0.138904	3.61443	3.61443	0.225982	2.78876	2.78876	0.0874539	4.58087	4.58087	0.512753	0.585387	-1.70827
cg12537613	PREX1	0.211302	0.768176	0.938214	-1.06585	0.0191867	1.84301	1.84301	0.0302705	1.73256	1.73256	0.495752	1.16095	1.16095	0.435564	1.18725	1.18725
cg06074534	ZDHHC7;ZDHHC7	0.211302	0.623126	1.61216	1.61216	0.0171302	16.469	16.469	0.0746484	6.78453	6.78453	0.419652	2.2145	2.2145	0.453964	0.47928	-2.08646
cg19442480	DDX39;DDX39	0.211303	0.0812781	2.95953	2.95953	0.176546	2.22835	2.22835	0.624706	1.31352	1.31352	0.176648	0.448859	-2.22787	0.522992	0.698806	-1.43101
cg24729983	CCNO	0.211304	0.0539943	0.484388	-2.06446	0.383949	1.34426	1.34426	0.619742	0.84724	-1.1803	0.323007	0.712986	-1.40255	0.21436	0.648426	-1.5422
cg27112146	ACVR2A	0.211306	0.533866	0.727305	-1.37494	0.460436	0.684017	-1.46195	0.395048	0.643908	-1.55302	0.753885	1.17227	1.17227	0.0454468	0.313655	-3.18821
cg25623409	PGCP	0.211308	0.11372	7.56969	7.56969	0.360714	3.01979	3.01979	0.123093	7.1335	7.1335	0.299679	3.54028	3.54028	0.201249	0.204438	-4.89145
cg06514368	DUSP12;DUSP12	0.21131	?	?	?	0.457247	1.85459	1.85459	0.73591	1.3162	1.3162	0.514093	1.71434	1.71434	0.0440082	0.138627	-7.2136
cg06887283	LYST	0.211326	0.994008	0.997265	-1.00274	0.0818464	2.02045	2.02045	0.809624	0.91573	-1.09203	0.344015	1.42695	1.42695	0.0926029	0.509123	-1.96416
cg17554126	TBX5;TBX5;TBX5;TBX5	0.211333	0.230255	0.646963	-1.54568	0.143495	1.72263	1.72263	0.574892	1.21659	1.21659	0.491274	0.78516	-1.27363	0.215081	0.636683	-1.57064
cg18202449	ELAVL4	0.211334	0.5973	1.27908	1.27908	0.88479	1.06923	1.06923	0.280524	1.67847	1.67847	0.412321	0.679099	-1.47254	0.440412	0.695414	-1.43799
cg16133964	SPEN	0.211334	0.390173	1.16945	1.16945	0.337773	0.838888	-1.19205	0.0401151	0.655958	-1.52449	0.290339	1.21542	1.21542	0.142394	1.32358	1.32358
cg02466544	C2orf81	0.211336	0.359272	1.37562	1.37562	0.0333165	2.31996	2.31996	0.77287	1.10286	1.10286	0.119429	1.77125	1.77125	0.704198	1.13775	1.13775
cg22888463	EIF4E3;EIF4E3;EIF4E3	0.211342	0.221886	0.480909	-2.0794	0.849933	0.897623	-1.11405	0.143418	0.407978	-2.45111	0.660122	1.28702	1.28702	0.19587	0.458438	-2.18132
cg11238564	KIAA0895L;EXOC3L	0.211343	0.426926	0.54622	-1.83076	0.0602813	4.85319	4.85319	0.693938	1.34292	1.34292	0.205493	2.70675	2.70675	0.97212	0.974282	-1.0264
cg19711587	CAMTA1	0.211344	0.599498	1.08231	1.08231	0.00958001	1.63172	1.63172	0.910831	1.01686	1.01686	0.349645	1.15455	1.15455	0.790474	0.96103	-1.04055
cg04797985	NDRG4;NDRG4;NDRG4;NDRG4	0.211345	0.128154	0.588467	-1.69933	0.633352	1.16758	1.16758	0.383464	1.33392	1.33392	0.398355	0.756712	-1.32151	0.768277	0.909145	-1.09993
cg08362738	BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;BDNF	0.211345	0.897663	0.952797	-1.04954	0.0418412	2.41445	2.41445	0.40722	1.37519	1.37519	0.687127	1.16433	1.16433	0.818565	0.917278	-1.09018
cg07394446	ADAMTS17	0.211347	0.414192	0.589044	-1.69766	0.950846	0.961666	-1.03986	0.482845	1.57178	1.57178	0.594497	0.711292	-1.40589	0.123548	0.347261	-2.87968
cg09952232	ADARB2	0.211347	0.409463	0.838507	-1.1926	0.816695	1.04967	1.04967	0.107164	0.692684	-1.44366	0.647678	0.908402	-1.10083	0.677282	0.916324	-1.09132
cg00899976	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.21135	0.236512	3.12501	3.12501	0.813165	0.804526	-1.24297	0.802661	0.794509	-1.25864	0.00991132	0.0501391	-19.9445	0.626528	1.5691	1.5691
cg26825412	SOX18	0.211351	0.313265	0.654038	-1.52896	0.0462857	0.394798	-2.53294	0.0239824	0.334112	-2.99301	0.452393	0.732241	-1.36567	0.501744	0.757638	-1.31989
cg08081259	LRRC2;LRRC2	0.211355	0.481662	1.40239	1.40239	0.152876	2.06244	2.06244	0.0949691	0.419948	-2.38125	0.805383	1.12381	1.12381	0.054835	0.357097	-2.80036
cg20208443	EVC	0.211356	0.310207	0.516531	-1.93599	0.0130233	0.143951	-6.94679	0.0786587	0.292663	-3.4169	0.793928	0.848154	-1.17903	0.37875	0.566585	-1.76496
cg00427260	PECAM1	0.211358	0.930701	1.02469	1.02469	0.416612	1.26218	1.26218	0.182427	0.672426	-1.48715	0.0598862	1.81378	1.81378	0.904259	0.966815	-1.03432
cg13503050	UNC84A;UNC84A	0.211359	0.232229	0.772792	-1.29401	0.236376	1.29079	1.29079	0.0762069	1.50061	1.50061	0.453203	1.17023	1.17023	0.552758	1.1315	1.1315
cg10471216	LRP1	0.211366	0.718189	1.19292	1.19292	0.00871934	5.08747	5.08747	0.0562322	2.86465	2.86465	0.917718	1.05159	1.05159	0.981478	0.988764	-1.01136
cg02325250	CSF2	0.211371	0.973884	1.01834	1.01834	0.280137	0.536247	-1.86481	0.0289711	0.239537	-4.17471	0.215263	0.484803	-2.06269	0.0955709	0.361947	-2.76283
cg21758171	GPR133	0.211375	0.347563	0.80569	-1.24117	0.105579	1.48433	1.48433	0.180565	0.727878	-1.37386	0.241435	0.760394	-1.31511	0.930534	1.01967	1.01967
cg04483506	ID3;ID3	0.211378	0.0352083	1.71979	1.71979	0.229126	0.756576	-1.32174	0.573917	1.13381	1.13381	0.954733	0.987531	-1.01263	0.636342	0.900077	-1.11102
cg21777696	SLC43A1;SLC43A1	0.21138	0.67582	0.947672	-1.05522	0.667102	1.05686	1.05686	0.460964	1.10067	1.10067	0.525636	0.921096	-1.08566	0.863652	1.02221	1.02221
cg16073467	GABBR1;GABBR1;GABBR1	0.211381	0.533025	1.18622	1.18622	0.326654	0.760415	-1.31507	0.811116	1.0669	1.0669	0.107601	0.621918	-1.60793	0.794752	0.931916	-1.07306
cg26389955	PRKCA	0.211386	0.938113	1.05021	1.05021	0.0296173	0.198774	-5.03084	0.041167	0.226223	-4.42042	0.444377	1.63544	1.63544	0.727563	0.802001	-1.24688
cg07126281	SAMM50	0.211393	0.912629	1.00881	1.00881	0.936579	1.00638	1.00638	0.313087	1.08697	1.08697	0.497725	0.946468	-1.05656	0.808892	0.980821	-1.01955
cg04919519	CDC42BPB	0.211394	0.633246	0.848126	-1.17907	0.357291	0.722956	-1.38321	0.0463043	2.1863	2.1863	0.764129	0.90202	-1.10862	0.123665	0.564738	-1.77073
cg13165753	FN1;FN1;FN1;FN1;FN1;FN1;FN1	0.211398	0.220762	1.32404	1.32404	0.0526983	1.61643	1.61643	0.0796957	1.52816	1.52816	0.298068	0.790417	-1.26516	0.481327	1.1689	1.1689
cg21631433	TEX264;TEX264;TEX264	0.211404	0.859878	0.977627	-1.02289	0.427134	1.10941	1.10941	0.0632363	1.30673	1.30673	0.327528	1.13818	1.13818	0.682772	1.05403	1.05403
cg08550421	PCDHA7;PCDHAC1;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHAC1;PCDHA8;PCDHA6;PCDHA1;PCDHA	0.211414	0.701889	1.07698	1.07698	0.100576	1.41463	1.41463	0.145631	1.3516	1.3516	0.234858	1.27139	1.27139	0.796032	0.951275	-1.05122
cg11330282	LOC728264	0.211416	0.105174	0.4942	-2.02347	0.262334	0.627967	-1.59244	0.232914	0.607776	-1.64534	0.156319	0.546796	-1.82884	0.0187163	0.321645	-3.10902
cg03753597	MCM3AP;C21orf57;C21orf57	0.211416	0.112566	0.852316	-1.17327	0.830403	0.980353	-1.02004	0.116352	0.853976	-1.17099	0.850828	0.982735	-1.01757	0.937394	1.00729	1.00729
cg16672922	ACSM3;ACSM3	0.211416	0.925892	1.04099	1.04099	0.105272	0.465682	-2.14739	0.102615	0.462444	-2.16242	0.771609	0.881896	-1.13392	0.0160734	0.280229	-3.56851
cg02911509	PARVG;PARVG	0.211416	0.0527909	0.298257	-3.35281	0.259201	1.90962	1.90962	0.802922	0.871598	-1.14732	0.6214	0.760646	-1.31467	0.0395376	0.270234	-3.7005
cg16731428	SNORD115-29;SNORD115-43;SNORD115-11;SNORD115-36	0.211418	0.111472	0.597092	-1.67478	0.0664844	0.542174	-1.84443	0.166326	0.644667	-1.55119	0.754297	0.910835	-1.09789	0.064705	0.539457	-1.85372
cg11792184	SYN3;SYN3;SYN3	0.211422	0.573508	0.854652	-1.17007	0.279859	1.36372	1.36372	0.668003	0.887678	-1.12653	0.533001	0.839989	-1.19049	0.395193	0.786264	-1.27184
cg14125250	PIK3R2	0.211424	0.857815	0.966221	-1.03496	0.456079	0.864632	-1.15656	0.194629	1.3007	1.3007	0.294074	0.811776	-1.23187	0.340233	0.82834	-1.20723
cg20654468	LPXN;LPXN	0.211431	0.216078	0.319267	-3.13218	0.0105615	0.0595492	-16.7928	0.0941689	0.199113	-5.02229	0.926932	1.08377	1.08377	0.220857	0.323442	-3.09174
cg27632268	DUSP10;DUSP10	0.211432	0.849092	0.966193	-1.03499	0.219741	1.26236	1.26236	0.56355	1.11118	1.11118	0.117463	0.735666	-1.35931	0.486791	1.13606	1.13606
cg03669298	GATA3;GATA3	0.211432	0.535408	1.31705	1.31705	0.0974961	0.450298	-2.22075	0.524069	1.32749	1.32749	0.300585	0.624589	-1.60105	0.143023	1.99505	1.99505
cg15844835	FCHSD1	0.211433	0.228249	0.126135	-7.92802	0.853089	0.738241	-1.35457	0.345937	0.204113	-4.89924	0.197526	0.10752	-9.30059	0.120623	0.0635458	-15.7367
cg27588093	PRDM16;PRDM16	0.211433	0.0977071	0.463619	-2.15694	0.0138399	0.276135	-3.62142	0.452056	0.723161	-1.38282	0.418651	0.704953	-1.41853	0.0594171	0.406479	-2.46015
cg13564658	PSMB5;PSMB5;PSMB5;PSMB5;PSMB5	0.211436	0.363177	0.763832	-1.30919	0.867841	1.04918	1.04918	0.422348	1.26651	1.26651	0.297253	0.732335	-1.3655	0.247531	0.705725	-1.41698
cg05741384	ODC1	0.21144	0.270785	0.860264	-1.16243	0.582013	1.07571	1.07571	0.556854	1.08113	1.08113	0.351705	1.13407	1.13407	0.384839	1.12408	1.12408
cg02089672	PCSK7;RNF214;RNF214	0.211442	0.44553	0.863531	-1.15804	0.972268	1.00658	1.00658	0.0292285	1.62372	1.62372	0.881218	0.972183	-1.02861	0.627711	1.09659	1.09659
cg07950979	UTY;UTY;UTY	0.211444	0.855738	0.832546	-1.20113	0.538289	1.87771	1.87771	0.212513	3.84574	3.84574	0.451735	0.459784	-2.17494	0.0129542	0.0343216	-29.1362
cg09271671	ST3GAL2	0.211447	0.475626	1.37917	1.37917	0.0126204	3.95246	3.95246	0.146314	1.99584	1.99584	0.980035	1.01115	1.01115	0.920178	1.04542	1.04542
cg24408817	CCNL1	0.211451	0.0419234	0.576919	-1.73334	0.0596152	1.64667	1.64667	0.196291	1.37792	1.37792	0.872133	1.03851	1.03851	0.766391	0.932485	-1.0724
cg15594284	EIF3L	0.211452	0.111798	0.813693	-1.22896	0.443243	0.911131	-1.09754	0.0855132	1.25394	1.25394	0.765121	0.964958	-1.03631	0.826889	0.974262	-1.02642
cg26078137	LOC728411;LOC728411;LOC728411	0.211452	0.620195	0.934323	-1.07029	0.758744	0.958974	-1.04278	0.545094	0.920091	-1.08685	0.439378	0.898308	-1.1132	0.337602	0.874213	-1.14389
cg08585614	RASA3	0.211452	0.461583	0.87975	-1.13669	0.302301	0.833051	-1.20041	0.0449649	0.674815	-1.48189	0.76364	1.0529	1.0529	0.432143	0.871939	-1.14687
cg03762760	PKP2;PKP2	0.211454	0.882315	1.19816	1.19816	0.168621	5.99109	5.99109	0.490377	2.35144	2.35144	0.914232	0.876792	-1.14052	0.0093001	0.0178269	-56.095
cg19505827	TSPAN32;C11orf21;C11orf21	0.211454	0.0357888	0.271542	-3.68268	0.432683	0.652265	-1.53312	0.301794	0.565014	-1.76987	0.243954	0.521753	-1.91662	0.142193	0.430835	-2.32107
cg22345246	ZNF791;ZNF490	0.211459	0.446651	0.904593	-1.10547	0.999364	1.0001	1.0001	0.780149	1.03683	1.03683	0.784662	1.03604	1.03604	0.981369	1.00302	1.00302
cg21739009	MBD3	0.211461	0.224514	1.28055	1.28055	0.0335482	1.61814	1.61814	0.197743	1.30197	1.30197	0.706997	1.07594	1.07594	0.0449235	1.56219	1.56219
cg23048698	PRKCZ;PRKCZ;PRKCZ	0.211463	0.61948	1.31278	1.31278	0.444654	1.52748	1.52748	0.0875106	0.358632	-2.78838	0.38157	1.62886	1.62886	0.558848	1.37901	1.37901
cg10512020	FRS2;FRS2	0.211464	0.338742	0.779467	-1.28293	0.443285	0.820787	-1.21834	0.186209	0.701816	-1.42488	0.170419	0.691521	-1.44609	0.0693689	0.598533	-1.67075
cg22650315	INSIG2	0.211464	0.275631	2.56736	2.56736	0.263124	0.379116	-2.63772	0.112527	0.237804	-4.20514	0.531686	0.590555	-1.69332	0.323693	0.428525	-2.33359
cg06559318	HLA-DRB6	0.211465	0.840437	0.777166	-1.28673	0.334592	0.288086	-3.47118	0.0503628	0.0614512	-16.2731	0.39699	2.95843	2.95843	0.779573	0.704066	-1.42032
cg01465527	SNORD32B	0.211465	0.0651758	0.1294	-7.728	0.317577	0.360454	-2.77428	0.835676	0.814526	-1.22771	0.295865	0.342797	-2.91718	0.0967499	0.165178	-6.05407
cg07614018	CRTC1;CRTC1	0.211466	0.250486	0.662306	-1.50988	0.648745	0.854401	-1.17041	0.812118	1.08513	1.08513	0.154585	1.68675	1.68675	0.0904742	0.527266	-1.89657
cg15479754	ADARB2	0.211471	0.828205	1.0725	1.0725	0.98814	1.0048	1.0048	0.741305	0.898801	-1.11259	0.630803	1.16877	1.16877	0.0138172	0.375321	-2.66439
cg15208284	BBX;BBX	0.211472	0.154978	0.787998	-1.26904	0.08756	1.34343	1.34343	0.185719	1.24565	1.24565	0.234957	0.822942	-1.21515	0.597912	1.08688	1.08688
cg24083702	MIA	0.211473	0.102389	0.306873	-3.25868	0.0431163	0.214822	-4.65501	0.0279123	0.179616	-5.56743	0.401563	0.566985	-1.76371	0.249244	0.451178	-2.21642
cg06995503	PFKP	0.211474	0.169126	5.65837	5.65837	0.492903	2.27932	2.27932	0.452019	2.47558	2.47558	0.840584	1.26905	1.26905	0.346668	0.317749	-3.14714
cg24763094	7-Mar	0.211474	0.428357	0.613377	-1.63032	0.918495	0.940181	-1.06362	0.327962	1.84306	1.84306	0.697872	1.26522	1.26522	0.0371097	0.224632	-4.45172
cg06832956	REG4;REG4;REG4	0.211476	0.896573	0.968409	-1.03262	0.324283	0.777823	-1.28564	0.0170494	0.487777	-2.05012	0.895975	0.968228	-1.03281	0.861702	1.04398	1.04398
cg04133293	C1orf106;C1orf106	0.211477	0.419244	1.2973	1.2973	0.321243	0.723834	-1.38153	0.636045	0.860415	-1.16223	0.322526	1.38027	1.38027	0.24011	0.67848	-1.47388
cg14268019	WASH2P	0.211477	0.241088	1.53748	1.53748	?	?	?	0.153314	1.70908	1.70908	0.924687	1.0337	1.0337	0.556112	1.23205	1.23205
cg01483119	FOXK2	0.211478	0.403002	0.652381	-1.53285	0.979414	1.01296	1.01296	0.863678	1.08955	1.08955	0.35171	1.61338	1.61338	0.422535	0.664399	-1.50512
cg22944461	CCDC136	0.211482	0.636718	1.10977	1.10977	0.694342	1.09032	1.09032	0.289627	0.786127	-1.27206	0.606477	0.892473	-1.12048	0.721745	1.08144	1.08144
cg02206323	MIR1180;B9D1	0.211482	0.487139	0.698307	-1.43203	0.232364	1.89088	1.89088	0.0877875	2.6076	2.6076	0.772554	0.862941	-1.15883	0.0550766	0.330782	-3.02314
cg02309725	C10orf46	0.211483	0.762404	1.10674	1.10674	0.0279238	0.419425	-2.38422	0.161358	0.606346	-1.64922	0.298251	0.697218	-1.43427	0.234747	0.659288	-1.51679
cg00606662	SVIL	0.211484	0.373878	0.848684	-1.1783	0.362112	1.18338	1.18338	0.345625	0.839805	-1.19075	0.163391	0.765385	-1.30653	0.0574885	0.679663	-1.47132
cg12595461	VIT	0.211487	0.0770651	0.580623	-1.72229	0.386859	0.78247	-1.278	0.497496	0.826561	-1.20983	0.0364591	0.510501	-1.95886	0.0675448	0.567565	-1.76191
cg00800229	SALL2	0.211488	0.798439	0.94791	-1.05495	0.0588329	0.640109	-1.56223	0.467318	1.16721	1.16721	0.708051	1.08182	1.08182	0.712233	0.925473	-1.08053
cg21784036	CPNE8	0.211493	0.502023	2.52673	2.52673	0.383768	3.37035	3.37035	0.485896	2.62035	2.62035	0.37043	3.49484	3.49484	0.40126	0.310734	-3.21819
cg27584762	CCNH	0.2115	0.50384	0.758799	-1.31787	0.44109	0.726405	-1.37664	0.10146	2.07434	2.07434	0.290946	1.56192	1.56192	0.245474	0.610006	-1.63933
cg07405259	STK32C	0.211502	0.956445	0.985244	-1.01498	0.466488	1.22349	1.22349	0.115971	0.62811	-1.59208	0.301675	1.33813	1.33813	0.307969	0.750331	-1.33274
cg17019143	SYDE2	0.211503	0.568225	0.925789	-1.08016	0.561103	0.924442	-1.08173	0.670635	0.944415	-1.05886	0.986629	1.00224	1.00224	0.224151	1.18615	1.18615
cg17832450	SELM	0.211505	0.137186	1.73951	1.73951	0.834862	0.930358	-1.07486	0.0617354	2.07007	2.07007	0.384418	0.734633	-1.36122	0.669973	1.1598	1.1598
cg09403274	FAM48A;FAM48A	0.211511	0.850126	1.02566	1.02566	0.644349	1.06423	1.06423	0.628777	0.936847	-1.06741	0.204703	0.835931	-1.19627	0.225632	0.843327	-1.18578
cg00448659	ATG9B;NOS3	0.211516	0.725935	1.07936	1.07936	0.193664	0.741971	-1.34776	0.423057	0.837309	-1.1943	0.951497	0.986887	-1.01329	0.463432	0.850488	-1.1758
cg16061947	ADRBK1	0.211519	0.717424	0.910719	-1.09803	0.0884055	1.62213	1.62213	0.666439	1.11805	1.11805	0.610759	1.14121	1.14121	0.567181	0.861716	-1.16048
cg16570995	PIM1;PIM1	0.21152	0.773004	0.926433	-1.07941	0.186198	0.690537	-1.44815	0.624579	0.877822	-1.13918	0.0885733	0.608735	-1.64275	0.159651	0.672321	-1.48738
cg25250621	FKBPL	0.21152	0.490304	0.888402	-1.12562	0.448398	1.13936	1.13936	0.181109	0.786807	-1.27096	?	?	?	0.112031	0.746602	-1.3394
cg04864199	SHF;SHF	0.211524	0.0583394	0.406035	-2.46284	0.172421	1.84388	1.84388	0.0692133	0.424641	-2.35493	0.689982	1.18403	1.18403	0.303431	1.56689	1.56689
cg10242170	FLJ31306;ARID4A;FLJ31306;ARID4A;ARID4A	0.211527	0.97881	0.993547	-1.00649	0.237425	0.739577	-1.35213	0.385993	1.24187	1.24187	0.251332	0.746678	-1.33927	0.640481	1.12148	1.12148
cg12917258	UBTD1;MMS19	0.211529	0.527734	0.921215	-1.08552	0.0851368	1.27654	1.27654	0.733302	1.04484	1.04484	0.363612	1.12722	1.12722	0.0413236	1.35237	1.35237
cg01848323	PITPNM2	0.211529	0.887213	1.02612	1.02612	0.781598	1.0518	1.0518	0.0265129	1.61267	1.61267	0.515388	0.887055	-1.12733	0.381596	1.17711	1.17711
cg08612140	NPM3	0.211536	0.388982	0.832029	-1.20188	0.951494	1.01275	1.01275	0.0784432	0.665538	-1.50254	0.337229	0.81377	-1.22885	0.0872592	0.674848	-1.48182
cg04255756	TMTC4;TMTC4	0.21154	0.305243	1.53786	1.53786	0.638198	1.21168	1.21168	0.213556	1.7006	1.7006	0.211174	1.70582	1.70582	0.369828	0.688415	-1.45261
cg24390964	SETMAR;SETMAR	0.21154	0.226493	1.57733	1.57733	0.290602	1.48229	1.48229	0.166836	1.69713	1.69713	0.0648503	2.10457	2.10457	0.106936	0.531739	-1.88062
cg00132623	C8orf37	0.211542	0.196001	0.813771	-1.22885	0.140621	1.26983	1.26983	0.220952	1.21401	1.21401	0.789455	1.04116	1.04116	0.672195	0.937869	-1.06625
cg13268590	MAGI1;MAGI1;MAGI1	0.211546	0.0806285	0.197484	-5.0637	0.755605	0.769983	-1.29873	0.908802	1.10068	1.10068	0.705621	0.727821	-1.37397	0.055625	0.162725	-6.14536
cg26296101	RHOH	0.211547	0.197304	1.82996	1.82996	0.309687	1.59378	1.59378	0.468188	1.38717	1.38717	0.735913	0.860631	-1.16194	0.0427146	0.355459	-2.81326
cg27484320	ATP6V1B2	0.211551	0.108656	0.296362	-3.37425	0.0778199	0.256127	-3.90432	0.0288961	0.166874	-5.99255	0.471918	0.601359	-1.6629	0.0663494	0.23902	-4.18375
cg02805489	KIAA0895;KIAA0895	0.211553	0.332551	1.2131	1.2131	0.866639	0.968041	-1.03301	0.864973	0.967644	-1.03344	0.0335422	0.618851	-1.6159	0.338967	0.826566	-1.20983
cg01525669	ARGLU1	0.211554	0.272748	0.583796	-1.71293	0.959344	0.976251	-1.02433	0.711418	0.839288	-1.19149	0.768463	1.14934	1.14934	0.245679	0.564126	-1.77265
cg01225698	BDNF;BDNF;BDNF;BDNF;BDNF	0.211555	0.737665	1.18329	1.18329	0.125891	2.29126	2.29126	0.169784	2.0795	2.0795	0.876109	0.924865	-1.08124	0.630341	0.784461	-1.27476
cg17758583	FUNDC2	0.211555	0.163028	0.280894	-3.56006	0.533219	0.586361	-1.70543	0.956662	1.04695	1.04695	0.18052	3.35901	3.35901	0.674204	0.699592	-1.42941

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18400181	0.599618	1.25831	1.25831	0.589725	1.26636	1.26636	0.634183	0.812254	-1.23114	0.889283	0.941369	-1.06228	1.79412	5.34655	2.64893	1
cg17196946	0.0355949	0.115436	-8.66278	0.5232	0.564921	-1.77016	0.882264	0.877395	-1.13974	0.14608	0.252279	-3.96387	1.79409	22.1346	10.9667	1
cg17634825	0.0298264	1.71694	1.71694	0.459001	1.17284	1.17284	0.246846	1.29181	1.29181	0.455924	0.851664	-1.17417	1.79407	1.27037	0.629418	1
cg09378756	0.667436	0.732855	-1.36453	0.0384557	0.178295	-5.60868	0.790443	0.825718	-1.21107	0.0984633	0.271726	-3.68017	1.79406	14.6901	7.27836	1
cg26039298	0.186999	0.614265	-1.62796	0.014295	0.349022	-2.86515	0.805137	0.91748	-1.08994	0.464488	0.771514	-1.29615	1.79404	3.44953	1.70913	1
cg06924355	0.0298345	0.225952	-4.42571	0.989018	0.992226	-1.00784	0.398268	1.63589	1.63589	0.834814	1.12573	1.12573	1.86726	9.30876	3.87741	1
cg22651103	0.605927	1.21309	1.21309	0.0467865	0.429574	-2.32789	0.492232	1.29552	1.29552	0.154817	0.568233	-1.75984	1.79403	3.91503	1.93978	1
cg12398575	0.979069	1.00887	1.00887	0.0273155	2.40847	2.40847	0.385773	0.741348	-1.34889	0.507791	0.797589	-1.25378	1.79402	3.21921	1.59504	1
cg04909098	0.879204	1.03276	1.03276	0.151985	1.38444	1.38444	0.750727	1.06989	1.06989	0.080689	1.50772	1.50772	1.794	1.27653	0.632493	1
cg09718251	0.0482552	0.437659	-2.28488	0.100729	1.93121	1.93121	0.983145	0.992296	-1.00776	0.338771	0.696992	-1.43474	1.794	3.80803	1.88679	1
cg26626598	0.194826	2.02753	2.02753	0.0721471	0.355421	-2.81357	0.935921	1.04231	1.04231	0.739117	1.18799	1.18799	1.79398	7.54792	3.73987	1
cg17537935	0.560852	1.32389	1.32389	0.572377	1.31283	1.31283	0.961018	0.97695	-1.02359	0.954709	0.973265	-1.02747	1.79398	6.46792	3.20476	1
cg25378362	0.0525477	0.407537	-2.45377	0.0749419	0.445896	-2.24268	0.639015	0.824977	-1.21215	0.0813498	0.455306	-2.19632	1.79397	4.71188	2.33467	1
cg16710656	0.308609	0.513401	-1.94779	0.203285	0.427568	-2.33881	0.985897	0.98888	-1.01125	0.352243	0.54572	-1.83244	1.79397	11.373	5.63516	1
cg26810214	0.196776	0.557588	-1.79344	0.0440417	0.371429	-2.6923	0.917202	0.956466	-1.04552	0.241518	0.591705	-1.69003	1.79392	5.20528	2.57923	1
cg17480438	0.69896	1.19504	1.19504	0.70898	1.18756	1.18756	0.0702917	2.5287	2.5287	0.447407	1.42625	1.42625	1.7939	5.97316	2.95974	1
cg06423533	0.225209	2.21568	2.21568	0.248902	2.1228	2.1228	0.332204	0.535365	-1.86788	0.244493	2.13921	2.13921	1.7939	11.083	5.4917	1
cg17146150	0.807709	1.05015	1.05015	0.240141	0.781292	-1.27993	0.944149	1.01416	1.01416	0.508704	1.144	1.144	1.79389	1.14412	0.566923	1
cg17826834	0.502395	1.66533	1.66533	0.719515	0.763241	-1.3102	0.934608	0.940369	-1.06341	0.729325	1.29727	1.29727	1.79388	15.9488	7.90281	1
cg14681176	0.586847	1.14665	1.14665	0.067394	1.66722	1.66722	0.854564	1.04683	1.04683	0.586858	1.14665	1.14665	1.79384	1.76721	0.875692	1
cg09551645	0.528196	1.05937	1.05937	0.0986539	0.849227	-1.17754	0.774861	1.02622	1.02622	0.690443	1.03679	1.03679	1.79384	0.231393	0.114661	1
cg06745004	0.701728	0.848813	-1.17812	0.272399	0.614701	-1.62681	0.728845	0.862225	-1.15979	0.636277	0.816346	-1.22497	1.79381	5.15479	2.55436	1
cg04218760	0.47609	0.779494	-1.28288	0.00950069	0.323178	-3.09427	0.825982	1.07864	1.07864	0.56345	0.818079	-1.22238	1.79378	3.35761	1.66383	1
cg04525757	0.183907	3.11778	3.11778	0.888915	1.11933	1.11933	0.235834	2.72399	2.72399	0.0252739	8.54811	8.54811	1.79377	18.4853	9.16023	1
cg12537613	0.967394	0.991219	-1.00886	0.855962	1.03998	1.03998	0.869022	1.03625	1.03625	0.670757	0.911863	-1.09666	1.79375	1.32259	0.655407	1
cg06074534	0.827852	1.23365	1.23365	0.79197	0.775016	-1.2903	0.143257	4.5571	4.5571	0.808931	1.26311	1.26311	1.79375	26.4105	13.0877	1
cg19442480	0.70252	0.808838	-1.23634	0.710782	0.813901	-1.22865	0.514014	0.69322	-1.44254	0.0564773	3.37541	3.37541	1.86693	8.83504	3.68074	1
cg24729983	0.33717	0.720422	-1.38808	0.019923	0.394101	-2.53742	0.409101	0.755949	-1.32284	0.621108	0.847797	-1.17953	1.79374	3.1199	1.54607	1
cg27112146	0.664677	1.24657	1.24657	0.0326524	0.282703	-3.53728	0.398506	1.5478	1.5478	0.185041	0.491478	-2.03468	1.79373	7.25512	3.5953	1
cg25623409	0.281821	3.72676	3.72676	0.454961	0.408552	-2.44767	0.0569811	12.5964	12.5964	0.479046	2.33125	2.33125	1.79372	39.3016	19.4762	1
cg06514368	0.559273	0.618442	-1.61697	0.776861	0.794113	-1.25927	0.112918	0.236263	-4.23258	0.0846576	0.201005	-4.975	1.97475	17.3954	6.60666	1
cg06887283	0.850982	0.933701	-1.07101	0.133946	1.80319	1.80319	0.476961	1.30182	1.30182	0.146153	0.566068	-1.76657	1.79364	3.77941	1.87299	1
cg17554126	0.417575	0.750806	-1.3319	0.0390062	0.437522	-2.2856	0.896801	0.956098	-1.04592	0.125026	0.562991	-1.77623	1.79361	3.40022	1.68511	1
cg18202449	0.00841305	4.72956	4.72956	0.478475	1.3947	1.3947	0.87598	1.07477	1.07477	0.956733	1.02536	1.02536	1.7936	6.05493	3.00076	1
cg16133964	0.268997	0.814927	-1.2271	0.77805	0.951006	-1.05152	0.242842	0.804707	-1.24269	0.732911	0.940922	-1.06279	1.7936	0.897763	0.444922	1
cg02466544	0.45718	1.29197	1.29197	0.0959028	1.85652	1.85652	0.274848	0.680875	-1.4687	0.446728	0.769215	-1.30003	1.79359	3.25152	1.61142	1
cg22888463	0.958551	1.03008	1.03008	0.029067	4.33571	4.33571	0.591985	0.734549	-1.36138	0.339338	0.570324	-1.75339	1.79357	9.23603	4.57736	1
cg11238564	0.168009	2.99023	2.99023	0.198762	2.75216	2.75216	0.043554	5.64137	5.64137	0.148865	3.17134	3.17134	1.79356	15.7872	7.8241	1
cg19711587	0.602963	0.924658	-1.08148	0.936247	0.98813	-1.01201	0.812146	0.965086	-1.03618	0.115302	1.2912	1.2912	1.79356	0.632917	0.313675	1
cg04797985	0.135221	0.595039	-1.68056	0.332527	1.38028	1.38028	0.063021	1.96248	1.96248	0.294048	1.42031	1.42031	1.79355	2.95242	1.46322	1
cg08362738	0.661778	0.847539	-1.17989	0.57914	1.23434	1.23434	0.023646	2.76021	2.76021	0.129791	1.84964	1.84964	1.79355	4.01129	1.988	1
cg07394446	0.765482	1.20885	1.20885	0.504259	0.650717	-1.53677	0.0236258	5.54813	5.54813	0.228767	2.22749	2.22749	1.79354	11.4199	5.65978	1
cg09952232	0.400263	1.19695	1.19695	0.0520057	1.58655	1.58655	0.92157	0.979648	-1.02077	0.0751641	1.51242	1.51242	1.79354	1.23832	0.613719	1
cg00899976	0.42534	2.11247	2.11247	0.626641	0.637402	-1.56887	0.61488	1.59366	1.59366	0.859851	1.17628	1.17628	1.79353	23.972	11.8807	1
cg26825412	0.670242	0.839985	-1.1905	0.478043	1.3413	1.3413	0.272727	0.628313	-1.59156	0.55804	1.27272	1.27272	1.79353	4.70741	2.33304	1
cg08081259	0.375109	1.53794	1.53794	0.193312	0.521573	-1.91728	0.716194	0.841439	-1.18844	0.864664	1.08401	1.08401	1.79351	6.35104	3.14767	1
cg20208443	0.336687	0.53623	-1.86487	0.0882559	0.306246	-3.26535	0.313749	0.519197	-1.92605	0.714086	0.793343	-1.26049	1.7935	11.2428	5.57212	1
cg00427260	0.202494	1.45845	1.45845	0.067737	1.77521	1.77521	0.791676	0.928445	-1.07707	0.315689	0.747548	-1.33771	1.79349	2.23427	1.10735	1
cg13503050	0.491295	1.15467	1.15467	0.311497	1.24037	1.24037	0.116457	0.704032	-1.42039	0.247072	0.779586	-1.28273	1.79349	1.20221	0.595841	1
cg10471216	0.581836	1.31094	1.31094	0.503245	1.39191	1.39191	0.907798	1.05802	1.05802	0.742518	1.17406	1.17406	1.79346	6.73018	3.33567	1
cg02325250	0.760058	0.843643	-1.18534	0.0353943	0.256728	-3.89517	0.414238	0.629227	-1.58925	0.274025	0.531644	-1.88096	1.79344	8.75098	4.33729	1
cg21758171	0.584441	0.883931	-1.13131	0.0832637	1.53471	1.53471	0.209884	0.744382	-1.3434	0.418357	0.831326	-1.2029	1.79342	1.41743	0.702533	1
cg04483506	0.235425	1.31634	1.31634	0.390761	0.823348	-1.21455	0.661243	0.907134	-1.10237	0.0906857	1.50982	1.50982	1.7934	1.38771	0.68781	1
cg21777696	0.0314405	0.724336	-1.38057	0.038248	0.735721	-1.35921	0.17898	0.833226	-1.20016	0.863938	1.02216	1.02216	1.79339	0.463889	0.229925	1
cg16073467	0.180307	0.680577	-1.46934	0.856549	0.952237	-1.05016	0.0389229	1.90901	1.90901	0.224088	0.707916	-1.4126	1.79339	2.07778	1.02984	1
cg26389955	0.27688	0.489929	-2.04111	0.471389	0.629892	-1.58757	0.855872	0.891629	-1.12154	0.411531	1.69851	1.69851	1.79337	11.305	5.60336	1
cg07126281	0.31015	1.08756	1.08756	0.906738	0.990677	-1.00941	0.0169118	0.792258	-1.26221	0.148551	1.13184	1.13184	1.79334	0.18142	0.0899231	1
cg04919519	0.701505	0.87637	-1.14107	0.0519933	0.46881	-2.13306	0.591845	0.830721	-1.20377	0.506047	0.793572	-1.26012	1.79333	3.33496	1.65302	1
cg13165753	0.316995	1.25301	1.25301	0.462057	0.849383	-1.17732	0.331885	1.24393	1.24393	0.136871	1.41821	1.41821	1.79331	1.3503	0.669299	1
cg21631433	0.595053	0.933609	-1.07111	0.0303345	0.721796	-1.38543	0.731551	1.04509	1.04509	0.470312	0.910234	-1.09862	1.79329	0.465738	0.230855	1
cg08550421	0.471001	1.15189	1.15189	0.0422356	0.636852	-1.57022	0.987226	1.00309	1.00309	0.29407	1.23351	1.23351	1.79324	1.05615	0.523523	1
cg11330282	0.137998	0.529501	-1.88857	0.170056	0.558918	-1.78917	0.171722	0.560346	-1.78461	0.179845	0.567182	-1.7631	1.79323	4.50097	2.23109	1
cg03753597	0.273432	1.11119	1.11119	0.0549081	0.817601	-1.22309	0.200513	1.13324	1.13324	0.367817	0.917984	-1.08934	1.79323	0.243044	0.120475	1
cg16672922	0.359534	0.665781	-1.50199	0.179089	0.539937	-1.85207	0.405389	0.692401	-1.44425	0.176082	0.537338	-1.86103	1.79323	5.29562	2.62499	1
cg02911509	0.349174	0.588807	-1.69835	0.156197	0.434455	-2.30174	0.561371	0.724158	-1.38092	0.182267	0.459328	-2.1771	1.79323	8.57794	4.25202	1
cg16731428	0.562927	0.840313	-1.19003	0.219459	0.681049	-1.46832	0.461376	0.800069	-1.24989	0.0315347	0.472319	-2.11721	1.79322	2.51301	1.24568	1
cg11792184	0.215333	1.43353	1.43353	0.598547	1.15802	1.15802	0.0144004	0.43477	-2.30007	0.766454	0.921041	-1.08573	1.7932	2.16566	1.07352	1
cg14125250	0.139628	0.737429	-1.35606	0.680963	1.08244	1.08244	0.066584	1.48313	1.48313	0.173122	1.32017	1.32017	1.79319	1.04273	0.516885	1
cg20654468	0.356044	0.434932	-2.29921	0.536626	0.577664	-1.73111	0.894365	1.12357	1.12357	0.637174	0.659245	-1.51689	1.79316	21.8437	10.8281	1
cg27632268	0.0531841	0.672603	-1.48676	0.29302	1.21767	1.21767	0.51938	0.888767	-1.12515	0.206707	1.2718	1.2718	1.79316	0.925691	0.458875	1
cg03669298	0.91799	1.04623	1.04623	0.0376659	0.347182	-2.88033	0.852099	0.92137	-1.08534	0.424303	0.699047	-1.43052	1.79316	5.46768	2.71039	1
cg15844835	0.8729	0.76943	-1.29966	0.210023	0.115014	-8.69461	0.213443	0.117083	-8.54097	0.0514056	37.749	37.749	1.79316	76.1186	37.7329	1
cg27588093	0.362293	0.672911	-1.48608	0.334287	0.656202	-1.52392	0.33393	0.655985	-1.52442	0.847435	0.921745	-1.0849	1.79315	5.08299	2.5197	1
cg13564658	0.172033	1.52056	1.52056	0.062656	1.82924	1.82924	0.12306	1.61867	1.61867	0.323834	1.34144	1.34144	1.79314	2.36005	1.16992	1
cg05741384	0.536943	0.921203	-1.08554	0.0225531	0.698662	-1.43131	0.642887	1.06321	1.06321	0.193718	1.19784	1.19784	1.79312	0.489399	0.242606	1
cg02089672	0.378441	0.843246	-1.18589	0.855316	1.03504	1.03504	0.508636	1.13486	1.13486	0.0349586	1.58988	1.58988	1.79311	1.01095	0.501152	1
cg07950979	0.843916	1.2196	1.2196	0.399302	0.416449	-2.40126	0.61646	0.600581	-1.66505	0.83999	0.815786	-1.22581	1.96768	30.0756	10.1899	1
cg09271671	?	?	?	0.849461	1.08786	1.08786	0.374898	0.667901	-1.49723	0.901516	0.946614	-1.0564	1.80157	4.9812	2.76493	1
cg24408817	0.54448	0.865962	-1.15479	0.614691	0.887731	-1.12647	0.496757	1.17573	1.17573	0.432093	1.20697	1.20697	1.79307	1.56319	0.77493	1
cg15594284	0.0461292	0.761817	-1.31265	0.420791	0.906725	-1.10287	0.165491	0.838532	-1.19256	0.49456	0.920737	-1.08609	1.79307	0.402512	0.19954	1
cg26078137	0.0138693	0.661364	-1.51203	0.116806	1.26075	1.26075	0.585792	0.927903	-1.0777	0.357584	0.879276	-1.1373	1.79307	0.525134	0.260328	1
cg08585614	0.0976638	0.732983	-1.36429	0.408728	1.15539	1.15539	0.487875	1.12803	1.12803	0.071749	0.709168	-1.4101	1.79307	0.829766	0.411345	1
cg03762760	0.956997	0.936307	-1.06803	0.988315	1.01803	1.01803	0.988007	1.01851	1.01851	0.644803	0.567491	-1.76214	1.79306	42.2987	20.9691	1
cg19505827	0.344728	0.594897	-1.68096	0.0245727	0.239553	-4.17445	0.380901	0.619009	-1.61548	0.115974	0.401828	-2.48863	1.79306	8.0876	4.00934	1
cg22345246	0.63602	0.940233	-1.06357	0.00697498	0.636901	-1.5701	0.998498	0.999757	-1.00024	0.325102	1.14037	1.14037	1.79304	0.474536	0.235249	1
cg21739009	0.574499	0.89588	-1.11622	0.343007	1.20846	1.20846	0.179751	1.31806	1.31806	0.177271	1.32041	1.32041	1.79303	1.06681	0.528869	1
cg23048698	0.0326251	0.256827	-3.89367	0.203686	2.07374	2.07374	0.931296	0.954204	-1.04799	0.898352	1.07195	1.07195	1.79302	8.3927	4.16068	1
cg10512020	0.927623	1.02322	1.02322	0.0531482	1.74216	1.74216	0.856118	1.04692	1.04692	0.844086	0.951468	-1.05101	1.79302	1.81275	0.898673	1
cg22650315	0.29089	0.402036	-2.48734	0.0529834	0.160693	-6.22304	0.0484621	0.153462	-6.51628	0.35111	0.450299	-2.22075	1.79302	19.6278	9.73052	1
cg06559318	0.942286	0.913432	-1.09477	0.101388	9.42238	9.42238	0.0769246	0.085444	-11.7036	0.47812	0.405803	-2.46425	1.79301	44.4119	22.0173	1
cg01465527	0.179088	0.244221	-4.09465	0.0383629	0.0934735	-10.6982	0.0663092	0.130779	-7.64652	0.215723	0.276125	-3.62155	1.79301	27.7023	13.7335	1
cg07614018	0.80969	1.08631	1.08631	0.0521305	0.468599	-2.13402	0.125225	0.565861	-1.76722	0.481386	0.782269	-1.27833	1.79301	3.34327	1.65744	1
cg15479754	0.882883	0.953635	-1.04862	0.0729554	1.90435	1.90435	0.883824	0.954002	-1.04822	0.91398	0.965799	-1.03541	1.79298	2.94536	1.46019	1
cg15208284	0.199398	0.808764	-1.23645	0.218483	0.81659	-1.2246	0.812066	0.963401	-1.03799	0.499048	1.1134	1.1134	1.79298	0.695865	0.344983	1
cg24083702	0.147062	0.357577	-2.7966	0.195288	0.404425	-2.47265	0.499882	0.63596	-1.57243	0.907691	0.926204	-1.07968	1.79297	12.4034	6.14916	1
cg06995503	0.895754	1.16776	1.16776	0.0289451	21.0437	21.0437	0.102991	0.121203	-8.25065	0.546218	2.05956	2.05956	1.79297	39.746	19.7046	1
cg24763094	0.76598	0.835318	-1.19715	0.974063	0.9806	-1.01978	0.0424484	0.236971	-4.21993	?	?	?	1.87361	9.37617	4.37879	1
cg06832956	0.325399	1.28485	1.28485	0.0945214	0.63532	-1.57401	0.194513	0.712662	-1.40319	0.545655	0.859891	-1.16294	1.79296	1.72997	0.857661	1
cg04133293	0.434865	1.28566	1.28566	0.0265332	0.436357	-2.2917	0.230139	1.48744	1.48744	0.662573	0.870687	-1.14852	1.79296	2.8243	1.40019	1
cg14268019	0.420851	1.33408	1.33408	0.698424	1.14622	1.14622	0.0402289	2.29506	2.29506	0.0254959	2.53569	2.53569	1.80142	3.11582	1.72964	1
cg01483119	0.439438	0.674659	-1.48223	0.280084	0.570985	-1.75136	0.0133978	4.61144	4.61144	0.786301	1.14526	1.14526	1.79295	7.07327	3.5067	1
cg22944461	0.309946	1.25863	1.25863	0.0181805	0.533737	-1.87358	0.163933	1.38431	1.38431	0.721665	1.08146	1.08146	1.79293	1.3611	0.674799	1
cg02206323	0.239864	0.534742	-1.87006	0.16955	0.475073	-2.10494	0.929798	0.956171	-1.04584	0.963678	0.977104	-1.02343	1.79293	7.34645	3.64217	1
cg02309725	0.525079	1.24038	1.24038	0.911536	1.03787	1.03787	0.127759	0.576492	-1.73463	0.114983	0.563672	-1.77408	1.79293	3.17703	1.57509	1
cg00606662	0.469133	0.876009	-1.14154	0.0980656	1.38566	1.38566	0.311936	0.828597	-1.20686	0.674823	1.07879	1.07879	1.79292	0.917407	0.454829	1
cg12595461	0.867334	1.04732	1.04732	0.0884384	0.59463	-1.68172	0.159925	0.660176	-1.51475	0.610475	0.867559	-1.15266	1.79291	2.17166	1.07666	1
cg00800229	0.105053	1.44812	1.44812	0.152418	1.37774	1.37774	0.0960347	1.46538	1.46538	0.924429	0.980361	-1.02003	1.79291	1.24095	0.615238	1
cg21784036	0.72991	1.6024	1.6024	0.684452	0.573579	-1.74344	0.00767006	105.842	105.842	0.44707	2.86987	2.86987	1.79288	52.5554	26.0563	1
cg27584762	0.333016	0.666096	-1.50129	0.0749742	0.446243	-2.24093	0.152524	0.536049	-1.8655	0.64562	1.20733	1.20733	1.79285	4.70115	2.33081	1
cg07405259	0.143253	0.651695	-1.53446	0.0583603	1.79004	1.79004	0.40591	0.793385	-1.26042	0.671978	1.12292	1.12292	1.79284	2.1038	1.04306	1
cg17019143	0.828322	0.971384	-1.02946	0.00712533	0.628348	-1.59147	0.701717	0.949854	-1.05279	0.821074	0.97017	-1.03075	1.79284	0.507475	0.251606	1
cg17832450	0.274651	0.675003	-1.48148	0.504215	1.2641	1.2641	0.650078	1.17108	1.17108	0.0812252	0.512518	-1.95115	1.79283	3.39526	1.68338	1
cg09403274	0.330075	1.14407	1.14407	0.0665691	0.759209	-1.31716	0.337143	0.87589	-1.1417	0.0767926	1.30154	1.30154	1.7928	0.509167	0.25245	1
cg00448659	0.138976	0.707804	-1.41282	0.0260669	1.77361	1.77361	0.448574	1.18244	1.18244	0.527404	0.870275	-1.14906	1.79278	1.33698	0.662896	1
cg16061947	0.131259	1.52084	1.52084	0.0165861	2.12323	2.12323	0.972564	1.00889	1.00889	0.76487	0.92572	-1.08024	1.79276	1.88004	0.932164	1
cg16570995	0.0543806	1.78024	1.78024	0.318693	1.31296	1.31296	0.888439	0.963595	-1.03778	0.88309	1.03964	1.03964	1.79276	1.98204	0.982738	1
cg25250621	0.486341	0.88741	-1.12688	0.156237	0.774034	-1.29193	0.887655	0.976412	-1.02416	0.0739891	1.39973	1.39973	1.80123	0.72315	0.401476	1
cg04864199	0.776743	0.887115	-1.12725	0.642191	0.821071	-1.21792	0.429309	1.40486	1.40486	0.452394	1.38063	1.38063	1.79274	5.04013	2.49903	1
cg10242170	0.026773	1.89565	1.89565	0.261765	0.751835	-1.33008	0.970732	0.991097	-1.00898	0.249339	0.745677	-1.34106	1.79273	1.68682	0.836374	1
cg12917258	0.719158	0.954742	-1.0474	0.0972951	0.791844	-1.26288	0.967783	1.00519	1.00519	0.891807	0.982696	-1.01761	1.79272	0.467095	0.231601	1
cg01848323	0.207054	0.785233	-1.27351	0.116895	1.36277	1.36277	0.51633	1.12701	1.12701	0.169857	1.30431	1.30431	1.79272	0.937426	0.464807	1
cg08612140	0.10415	1.44782	1.44782	0.273919	1.26761	1.26761	0.523628	0.874043	-1.14411	0.718903	1.07819	1.07819	1.79269	1.23177	0.610764	1
cg04255756	0.0907706	2.12844	2.12844	0.161781	1.83249	1.83249	0.172909	1.80037	1.80037	0.031121	2.78883	2.78883	1.79267	4.66622	2.31372	1
cg24390964	0.864483	0.940538	-1.06322	?	?	?	0.25721	1.52861	1.52861	0.602739	1.20737	1.20737	1.80113	3.26569	1.81313	1
cg00132623	0.504808	1.10738	1.10738	0.0345499	0.68972	-1.44986	0.767223	0.956248	-1.04575	0.35986	0.867726	-1.15244	1.79266	0.644902	0.319773	1
cg13268590	0.399688	0.485898	-2.05804	0.0191692	0.0932295	-10.7262	0.726028	0.744888	-1.34248	0.232956	0.350973	-2.84922	1.79264	19.8981	9.86656	1
cg26296101	0.976562	1.01311	1.01311	0.132922	0.487318	-2.05205	0.219131	0.563832	-1.77358	0.51098	1.34394	1.34394	1.79264	5.58141	2.76757	1
cg27484320	0.258233	0.440468	-2.27031	0.162523	0.354767	-2.81875	0.814046	0.848945	-1.17793	0.317644	0.487762	-2.05018	1.79262	13.7144	6.80044	1
cg02805489	0.575762	0.896499	-1.11545	0.0618559	1.50139	1.50139	0.42722	1.1696	1.1696	0.780716	0.947495	-1.05541	1.79261	1.06034	0.525784	1
cg01525669	0.0838389	0.405746	-2.46459	0.0329523	0.30851	-3.24139	0.274648	1.70899	1.70899	0.14615	0.479237	-2.08665	1.79261	6.31127	3.12953	1
cg01225698	0.909276	1.05873	1.05873	0.686481	0.816158	-1.22525	0.0111562	4.91599	4.91599	0.786442	1.14563	1.14563	1.7926	7.11579	3.52847	1
cg17758583	0.016809	0.0786408	-12.7161	0.467957	1.86847	1.86847	0.813833	0.819384	-1.22043	0.897389	1.11509	1.11509	1.86568	20.616	8.59454	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg01475387	LANCL1;LANCL1	0.21156	0.06862	0.07442	-13.0301	0.11924	-7.56831	0.90093	1.15323	1.15323	0.11839	1.45873	7.45873	7.45873	0.83644	0.79633	0.21377	0.19227	-5.20102	0.10282	0.20533	5.0227	0.48285	2.45784	2.45784	0.5757219	0.490576	-2.03842	1.79258	45.0404	22.1942	
cg06391762	CALCOCO2;CALCOCO2 MIS2;MIS2;MIS2/MIS2;MIS2;MIS2;MEI	0.21562	0.43096	1.84262	-1.18447	0.527695	1.14426	1.14426	0.99409	0.998436	-1.00157	0.62866	0.902457	-1.10809	0.760927	1.06638	1.06638	0.184766	0.743606	1.3448	0.0166311	0.540158	-1.85131	0.0789111	0.663045	-1.50819	0.733016	1.07478	1.07478	0.72957	1.25929	0.624447	1
cg10328877	S2;MIS2;MEI52	0.21563	0.416069	0.853197	-1.17206	0.352555	0.833001	-1.20048	0.246443	0.793336	-1.2605	0.938884	1.01475	1.01475	0.619368	1.10037	1.10037	0.950562	1.01191	1.01191	0.00800218	0.522485	-1.91393	0.569352	1.1161	1.1161	0.713743	0.932046	-1.07291	1.79257	1.03575	0.513604	1
cg20477591	PIK3R1;PIK3R1;PIK3R1	0.21565	0.48792	1.34939	1.34939	0.404938	1.43671	1.43671	0.326957	1.53776	0.53725	2.07612	2.32184	2.32184	0.0791797	0.436595	-2.29045	0.0692511	2.37337	2.37337	0.424399	1.41469	0.366944	1.48308	1.48308	0.779426	0.887486	-1.12681	1.79256	5.13152	2.5456	1
cg18360825	LTS2	0.21579	0.361973	0.577616	-1.73125	0.349147	1.75863	1.75863	0.42513	1.65758	0.293761	1.88264	1.88264	1.88264	0.212706	0.467357	-2.13969	0.465158	1.54556	1.54556	0.597834	1.36589	1.36589	0.0299479	1.46327	0.467327	0.107043	2.80242	2.80242	1.79249	0.737974	4.82989	1
cg23224666	C6orf174	0.21581	0.85517	0.962938	-1.03849	0.148003	1.37821	1.37821	0.652997	1.09806	1.09806	0.0858964	1.4804	1.4804	0.572736	1.12503	1.12503	0.750197	0.936108	-1.06825	0.106842	1.43893	1.43893	0.054171	1.57099	1.57099	0.2317221	0.77255	-1.29441	1.79249	1.21293	0.601489	1
cg26085128	PTPN12;PTPN12;PTPN12	0.21582	0.0734419	0.154258	1.6484	0.478244	0.811244	1.26267	0.0232407	0.653009	1.53211	0.57834	1.20569	1.20569	0.0367499	0.445935	-2.24419	0.812429	0.923859	-1.08241	0.312112	0.855155	1.17433	0.362288	1.47611	1.47611	0.150949	0.598059	-1.67208	1.79248	3.15093	1.56254	1
cg05190533	RPGRIP1L;FTO;RPGRIP1L;FTO	0.21585	0.0547165	0.50904	0.50904	0.57814	0.543936	-1.83845	0.0701518	0.85802	0.95802	0.2978804	0.32184	0.32184	0.21002	0.21267	0.21267	0.601541	1.76932	1.76932	0.345094	2.86665	2.86665	0.0560026	0.42462	0.424062	0.45635	4.25635	1.79247	33.2967	16.5119	1
cg06606207	C1orf201	0.21585	0.273344	0.583002	-1.71526	0.518647	0.733666	-1.36302	0.104279	0.431475	-2.31763	0.555709	0.754211	-1.32589	0.00917189	0.208862	-4.78784	0.458726	0.699702	-1.42918	0.585741	1.29756	1.29756	0.355541	0.637741	-1.56803	0.455698	0.697955	-1.43276	1.79247	6.3598	3.15384	1
cg24397318	DDA1	0.21587	0.873943	1.08005	1.08005	0.154523	1.06266	1.06266	0.0256	0.806494	1.3149	1.3149	0.0933186	1.26872	1.44075	1.44075	0.243779	0.958889	1.04379	1.04379	0.795235	0.996545	-1.00347	0.994909	0.627242	1.59375	0.929625	-1.0757	1.79246	0.4675054	0.226655	1
cg03003905	GNL1;PRR3;PRR3	0.21591	0.999113	0.999734	-1.00027	0.194614	1.88004	1.88004	0.0191739	1.96847	1.96847	0.0279581	1.5683	1.5683	0.523113	1.16725	1.16725	0.729347	0.920348	-1.08655	0.600155	1.13473	1.13473	0.568908	1.1475	1.1475	0.0716168	1.67125	1.67125	1.79244	1.62119	0.803967	1
cg34581523	TMCC2	0.21592	0.950459	1.080656	1.080656	0.167848	0.873748	-1.22334	0.898753	0.982695	-1.01761	0.943896	0.874845	-1.14506	0.0516864	1.15485	1.15485	0.972457	1.02484	1.02484	0.586438	0.927426	-1.07825	0.115149	0.790638	-1.2648	0.199015	1.20573	1.20573	1.79243	0.533889	0.264762	1
cg00991202	LAMA2;LAMA2	0.21595	0.770358	0.908184	-1.1013	0.0284816	0.427152	-2.34109	0.116069	0.570093	-1.7541	0.562173	0.824629	-1.21267	0.0354118	0.446675	-2.23877	0.420018	0.762556	-1.31138	0.753669	1.10913	1.10913	0.766957	1.10273	1.10273	0.3008801	0.702741	-1.423	1.79242	3.07325	1.52407	1
cg13604276	PTPN9;PTPN9;PTPN9	0.21596	0.766362	1.08313	1.08313	0.277884	0.739156	-1.35289	0.653824	0.880052	-1.1363	0.634361	1.13691	1.13691	0.264058	0.732107	-1.36592	0.0527986	1.8033	1.8033	0.0521351	1.8071	1.8071	0.378505	0.785081	-1.27375	0.874246	0.958463	-1.04334	1.79242	2.03675	1.01006	1
cg00127167	ADAMTS16	0.21597	0.879912	1.09483	1.09483	0.18405	1.08247	1.08247	0.646874	1.14841	1.14841	0.571899	1.49321	1.49321	0.820571	0.872715	-1.14585	1.286203	1.514917	-1.94206	0.87805	0.910286	-1.09639	0.00663476	0.82698	1.26098	0.895653	1.08181	1.08181	1.79242	10.1956	5.05617	1
cg00968890	SOD1	0.21597	0.912157	1.05346	1.05346	0.293617	1.67215	1.67215	0.112418	2.26052	2.26052	0.0208964	0.269339	-3.7128	0.920112	1.04848	1.04848	0.784944	1.13779	1.13779	0.655893	1.23571	1.23571	0.353945	1.56843	1.56843	0.445734	0.69293	-1.44315	1.79241	6.32226	3.13532	1
cg11780549	ASPSCR1	0.21597	0.790312	0.876003	-1.14135	0.0603104	0.349453	-2.86162	0.0371667	0.301007	-3.32218	0.237021	0.897111	-1.11469	0.156789	0.473624	-2.12033	0.0711182	0.167741	2.7193	0.0985355	0.406955	-2.45729	0.0290334	0.580006	-1.72412	0.163253	0.628948	-1.58996	1.79241	6.09013	3.46711	1
cg24119612	SLC37A3;SLC37A3	0.21616	0.185329	0.195919	-1.22023	0.383154	1.51518	1.13158	0.62986	1.01247	1.01247	0.280903	1.17222	1.17222	0.460887	1.13841	1.13841	0.571899	1.49321	1.49321	0.820571	0.872715	-1.14585	1.286203	1.514917	-1.94206	0.87805	0.910286	-1.09639	0.00663476	0.82698	1.26098	0.895653	1.08181	1.08181	1.79242	10.1956	5.05617	1
cg14938561	PSTPIP2	0.21601	0.316042	0.471002	-2.12313	0.639183	0.70966	-1.40913	0.159401	0.335502	-2.98061	0.294504	0.453999	-2.20265	0.0252939	0.144912	-6.90073	0.301225	0.459338	-2.17704	0.0285816	0.153192	-6.52776	0.618951	0.694789	-1.43929	0.150684	0.126701	-3.0609	1.7924	14.9747	7.42629	1
cg00232208	TAP2;TAP2	0.21616	0.24106	0.49754	-2.0103	0.454323	0.176	1.42069	0.778688	0.830828	-1.17533	0.667339	1.03281	1.03281	0.0162893	0.55364	-1.80666	0.308804	0.540779	-1.84918	0.0159227	0.281861	-3.54764	0.59258	0.756196	-1.32257	0.909363	1.06842	1.06842	1.7924	0.58313	4.75475	1
cg10376807	PICALM;PICALM	0.21602	0.577784	0.855015	-1.16957	0.395881	0.7849	-1.27405	0.252792	0.716927	-1.39484	0.81752	0.937647	-1.0665	0.794067	0.92972	-1.07559	0.042104	0.520842	-1.91997	0.0578068	1.81757	1.81757	0.403632	1.26879	1.26879	0.373136	0.775516	-1.29006	1.79239	2.02277	1.09241	1
cg04987442	MICA	0.21613	0.8457	0.938066	-1.06562	0.0966	1.17403	1.17403	0.0317042	1.24334	1.24334	0.0204495	0.807575	1.00003	0.0003	0.778308	-1.28484	0.956542	-1.08357	0.0923482	0.656764	-1.52262	0.657764	-1.52062	0.657764	-1.52062	0.0282746	-1.64721	0.79234	3.0667	1.51593	1
cg25402331	CLDN8	0.21614	0.870477	0.95776	-1.0441	0.0910464	0.611222	-1.63607	0.0416582	0.537357	-1.86096	0.0852986	0.604642	-1.65387	0.288408	0.747156	-1.33841	0.346166	0.773694	-1.2925	0.43959	1.2318	1.2318	0.826132	0.943477	-1.05991	0.37898	1.26961	1.26961	1.79234	1.98554	0.984707	1
cg01000647	LPIN1	0.21616	0.234575	0.520752	-1.89735	0.313204	0.70949	1.70949	0.528507	1.38852	1.38852	0.36348	0.618745	-1.61617	0.0163536	0.221198	-4.52083	0.592845	0.75772	-1.31975	0.153838	0.456198	-2.19203	0.722481	0.832519	-1.20117	0.345626	0.606973	-1.64752	1.79233	7.50032	3.71972	1
cg25556453	LOC200726	0.21622	0.0676879	0.634407	1.57625	0.504156	0.50916	1.96851	0.0225809	0.344164	2.90486	0.0144166	0.34166	2.91642	0.133467	0.34166	-2.92711	0.0307224	0.541417	-1.84706	0.0885806	0.523079	-1.91176	0.0497006	0.36056	2.77355	0.0508886	0.523079	-1.91176	0.0497006	0.36056	2.77355	0.0508886	1.18391	1.18391	1.7923	25.5382	12.6657	1
cg21189939	SMG6;SMG6	0.21623	0.88177	0.946498	-1.05653	0.0178121	0.344943	-2.89903	0.0811493	0.489477	-2.043	0.821237	0.919781	-1.08722	0.243762	1.56928	1.56928	0.946335	1.02518	1.02518	0.893092	0.951531	-1.05094	0.688662	1.16046	1.16046	0.318125	0.683005	-1.46412	1.7923	3.87513	1.92187	1
cg16974379	ZNF248	0.21624	0.142594	1.20517	1.20517	0.0497344	1.19344	1.19344	0.313356	1.23149	1.23149	0.0768315	1.12312	1.12312	0.680055	1.09501	1.09501	1.213083	1.167797	1.167797	0.53391	1.07705	1.07705	0.573724	1.19823	1.19823	0.0112455	1.40883	1.40883	1.7923	0.99803	0.199739	1
cg00672332	PTPRN	0.21626	0.466137	0.35763	1.35763	0.765599	1.18778	1.18778	0.638193	1.21562	1.21562	0.637312	1.21625	1.21625	0.671632	1.19218	1.19218	0.156478	1.868	1.868	0.0948611	2.13127	2.13127	0.0542392	2.33146	2.33146	-3.01689	0.777577	1.08837	1.08837	1.79228	0.8241	0.392553	1
cg00465500	CDH22	0.21631	0.392618	0.769339	-1.29982	0.328098	0.739155	-1.3529	0.294129	0.721939	-1.38516	0.259412	1.4223	1.4223	0.978975	1.00792	1.00792	0.227128	0.684094	-1.46179	0.0413301	0.494292	-2.0231	0.407009	0.775716	-1.28913	0.134354	1.62154	1.62154	1.79226	2.5448	1.26212	1
cg17161537	MRPL12	0.21636	0.776094	0.885793	-1.12888	0.142008	1.132	1.132	0.648894	1.03995	1.03995	0.0994501	1.12312	1.12312	0.680055	1.09501	1.09501	1.213083	1.167797	1.167797	0.53391	1.07705	1.07705	0.573724	1.19823	1.19823	0.0112455	1.40883	1.40883	1.7923	0.99803	0.199739	1
cg08612384	PTPRN	0.21639	0.115568	0.272115	-3.67491	0.293597	2.29075	2.29075	0.870288	0.846672	-1.18109	0.532477	0.618731	-1.61777	0.0537545	0.188946	5.2925	0.658684	0.713036	-1.40202	0.0741208	0.537268	-1.86098	0.0412504	0.587295	-1.70272	0.538972	0.622971	-1.60521	1.79222	16.4308	8.14918	1
cg25670220	PCDHA6;PCDHA2;PCDHA1;PCDHA10	0.21646	0.0895506	2.64472	2.64472	0.044226	3.32306	3.32306	0.325304	1.69507	1.69507	0.625964	1.29075	1.29075	0.285648	1.77923	1.77923	0.585418	1.33136	1.33136	0.0703359	2.86066	2.86066	0.037389	3.50822	3.50822	0.2545113	1.85556	1.85556	1.79219	7.66277	3.80858	1
cg21006812	WNT2B	0.21651	0.456835	0.831692	-1.20232	0.189648	1.40527	1.40527	0.279715	1.31479	1.31479	0.0495102	1.72481	1.72481	0.873737	1.01944	1.01944	0.848535	0.954559	-1.0476	0.242495	0.742665	-1.3465	0.0161589	1.69229	1.69229	0.736373	1.58656	1.58656	1.79217	1.67919	0.832853	1
cg08808128	CLP4;CLP4	0.21664	0.468256	1.31459	1.31459	0.0705045	0.472749	-2.11529	0.305412	0.674805	-1.48191	0.669823	0.853021	-1.1723	0.056565	0.449334	-2.22551	0.534606	0.792082	-1.2625	0.60582	1.21281	1.21281	0.387403	1.38869	1.38869	0.0850962	0.493803	-2.0251	1.79211	3.89891	1.93386	1
cg15240095	SYT1;SYT1	0.21665	0.617283	0.747005	-1.33858	0.271264	1.18384	1.18384	0.663764	1.12174	1.12174	0.523711	1.54482	1.54482	0.0555418	0.647355	-1.54459	0.153881	0.198721	-5.03191	0.0571287	0.29722	-3.36509	0.105257	0.79722	1.25616	-1.32257	0.909363	1.06842	1.06842	1.7921	0.58313	4.75475	1
cg01021423	SHISA5	0.21666	0.253718	1.24275	1.24275	0.176475	0.783165	-1.27687	0.666522	1.07653	1.07653	0.445655	0.876134	-1.14138	0.074853	1.4014	1.4014	0.827315	0.963522	-1.03786	0.653521	1.42177	1.42177	0.174524	1.27846	1.27846	0.410657	1.15385	1.15385	1.7921	0.821138	0.407288	1
cg24383467	USP47 SLC5A6;SLC5A6;C2orf28;C2orf28;C2orf	0.21667	0.951995	0.964294	-1.03703	0.0225166	5.20841	5.20841	0.171307	2.40999	2.40999	0.612955	1.36079	1.36079	0.560506	0.70085	-1.42684	0.944621	1.04285	1.04285	0.752681	0.82621	-1.21035	0.0468802	0.95341	3.95341	0.817977	0.870035	-1.14938	1.7921	10.3517	5.13449	1
cg23041619	28;C2orf28	0.21667	0.469998	1.11349	1.11349	0.688683	0.938976	-1.06499	0.317658	0.859785	-1.16308	0.0995841	1.30211	1.30211	0.0875221	0.968261	-1.03278	0.599208	0.92537	-1.08065	0.652507	1.06798	1.06798	0.394254	1.13613	1.13613	1.7921	0.607138	0.301143	1
cg21445380	SPTBN1	0.21672	0.146328	0.30513	-3.27722	0.0485475	1.90021	1.90021	0.0145	1.37675	1.37675	0.0139304	1.13215	1.13215	0.0856607	1.88363	-1.12884	1.134794	1.134794	1.10834	1.10834	1.10834	1.10744	1.10744	1.318609	1.318609	0.936356	1.06797	0.434417	1.0522	1.0522	1.79207	0.115517	0.0572976	1
cg07824800	MYPN	0.21673	0.461445	0.588314	-1.69977	0.238275	0.417272	-2.39652	0.757345	0.803091	-1.24519	0.69752	0.758539	-1.31832	0.0131888	0.1137	-8.79504	0.192772	0.37707	-2.65203	0.0531639	0.211295	-4.73272	0.452431	0.583801	-1.7188	0.200069	0.383747	-2.60589	1.79207	14.2097	7.04817	1
cg10070741	ITGB3;IGH3G	0.21688	0.259321	0.53524	-1.86913	0.374879	0.983211	1.01708	0.437891	0.646265	-1.54259	0.269595	0.55839	-1.79086	0.0317865	0.216335	-4.62215	0.217003	0.474748	-2.10617	0.163888	0.422483	-2.36697	0.261562	0.418428	-2.38998	0.0911696	0.616886	-1.62104	1.792	8.20616	4.07051	1
cg16645599	SEC24D	0.21690	0.204566	0.684991	-1.45907	0.148805	1.19021	1.54901	0.781955	0.889189	0.589692	-1.6958	0.812231	0.894056	-1.1183	0.0925928	-1.08	0.839755	0.972252	-1.1425	0.307014	0.898928	-1.11244	0.531203	0.919633	1.08763	0.110153	0.689281	-1.45063	1.79203	2.03882	1.01993	1.12447	1
cg24177057	FKBP2;FKBP2;FKBP2	0.21694	0.400944	0.628561	-1.59093	0.770125	1.17146	1.17146	0.782776	1.16098	1.16098	0.682679	0.800923	-1.24856	0.653326	0.783353	-1.27656	0.381633	0.615935	-1.62355	0.00754548	0.156209	-6.40169	0.126794	0.409858	-2.43987	0.751307	0.842222	-1.18734	1.79198	8.27813	4.10627	1
cg00594300	ITIG1	0.21695	0.83341	1.09551	1.09551	0.0410937	1.27171	1.27171	0.179645	0.838094	-1.85841	0.790629	1.12266	1.12266	0.186887	1.83738	1.83738	0.253062	1.68047	1.68047	0.0495197	2.0194	2.0194	0.0449071	2.81833	2.81833	-1.12202	0.916136	1.30466	1.30466	1.79198	1.30466	0.647517	1
cg03075232	ATP11A;ATP11A	0.21697	0.105455	0.453091	-2.20706	0.300662	0.618774	-1.6161	0.179549	0.528235	-1.89277	0.560546	0.768425	-1.30136	0.0176665	0.274809	-3.63888	0.085646	0.427299	-2.34028	0.113972	0.463192	-2.15893	0.607301	0.792932	-1.26114	0.310826	0.625417	-1.59893	1.79196	5.68531	2.82016	1
cg14122462	MOBKL2B	0.21702	0.129298	0.268972	2.66972	0.0578553	0.64939	0.64939	0.199787	2.26534	2.26534	0.15901	0.403059	-2.48102	0.391533	1.69887	1.69887	0.931465	1.69901	1.69901	0.216746	0.450394	-2.21683	0.744974	1.21582	1.21582	0.808185	1.15816	1.15816	1.79194	32.4509	5.13052	1
cg21238079	PPP1R15A	0.21703	0.136011	0.425237	-2.35098	0.525625	1.16961	1.26868	0.0387	0.895889	1.07655	0.425262	0.425262	-2.35149	0.0393262	0.425262	-2.35149	0.837676	0.74518	-1.34227	0.144321	0.940955	-1.06291	0.380814	1.16335	1.16335	0.551897	1.37747	1.37747	1.79193	8.03497	3.98575	1
cg01560692	TUBB3	0.21704	0.131954	0.558894	-1.51769	0.188935	1.4292	1.4292	0.45805	0.823993	-1.2136	0.822702	0.71952	-1.38981	0.34515	0.779206	-1.28336	0.640251	0.886237	-1.12837	0.0235012	0.499456	-2.00218	0.216797	0.716446	-1.39578	0.974592	0.991862	-1.00821	1.79193	1.86841	0.926824	1
cg23760103	DDAH2	0.21704	0.188708	0.407966	-2.45107	0.384175	0.25892	1.93099	0.0106	0.383827	2.60664	0.0117787	0.25892	3.86299	0.0106004	0.383827	-2.60664	0.776681	1.28809	1.28809	0.0204701	1.77456	1.77456	0.0178269	1.88552	1.88552	0.0804741	2.91752	2.91752	0.494547	0.75974	0.31473	1
cg23920389	EIF2B4;SNX17;EIF2B4;EIF2B4	0.21711	0.348428	0.825575	-1.21128	0.162764	1.34428	1.34428	0.0504748	1.55678	1.55678	0.651067	1.09462	1.09462	0.102691	1.42552	1.42552	0.909742	0.977735	-1.02277	0.561222	1.12373	1.12373	0.260614	0.792177	-1.26234	0.160368	1.34687	1.34687	1.7919	1.11887	0.555025	1
cg04194501	DUOX2	0.21748	0.1744	1.2585	1.2585	0.186895	0.497345	-2.01068	0.0944	0.391257	-2.55312	0.264544	0.966408	-1.03476	0.944592	1.03531	1.03531	0.174141	0.485277	-2.05814	0.0630843	0.355547	-2.81257	0.110442	0.452502	-2.21056	0.0439593	-2.38326	1.79188	0.70798	3.55015	1
cg01877961	ADAP1	0.21716	0.78209	0.901609	-1.10913	0.0203226	0.222902	0.255336	0.10613	0.101613	0.81841	1.06789	1.06789	0.828363	0.5777758	1.73083	1.73083	0.401657	0.782567	-1.27785	0.6941	1.44025	1.44025	0.840779	-1.18937	0.731432	0.770168	-1.29842	1.79188	2.31526	1.14852	1
cg10961055	AIL1;SYN2	0.21719	0.94258	1.02618	1.02618	0.464981	1.30576	1.30576	0.466358	1.30465	1.30465	0.0813766	1.99984	1.99984	0.353867	0.710196	-1.40806	0.311642	1.45576	1.45576	0.0469089	2.26161	2.26161	0.0665853	2.09172	2.09172	0.15338	1.7306	1.7306	1.79186	3.65272	1.812	1
cg07897077	ZSCAN58	0.21722	0.645605	0.90484	-1.10517	0.1887	1.123	1.123	0.709726	1.15097	1.15097	0.0476776	0.891984	-1.12151	0.676757	1.10353	1.10353	0.552207	1.13785	1.13785	0.0410084	1.65838	1.65838	0.0175534	0.735234	-1.36011	0.457946	0.850887	-1.17524	1.7185	1.1079	0.646517	1
cg01208787	CHN2;CHN2	0.21724	0.110041	0.67742	1.67742	0.181628	2.88662	2.88662	0.350548	2.05105	2.05105	0.210403	2.68239	2.68239	0.1562356	2.10806	3.10806	0.183716	2.87035	2.87035	0.0243074	2.74494	2.74494	0.0924266	3.99307	3.99307	0.122054	1.50057	1.50057	1.79184	15.862	7.86874	1
cg06560605	ZMZ2;ZMZ2	0.21727	0.319076	0.564494	-1.77126	0.294754	1.75102	1.75102	0.266401	1.19116	1.19116	0.0618624	1.38424	1.38424	0.164193	1.78413	1.78413	1.124168	1.124168	1.124168	0.0222634	1.74141	1.74141	0.0188253	1.7912	1.7912	0.0164718	1.83973	1.83973	1.83973	1.4771	0.733885	1
cg13772414	EPHA4	0.21727	0.478329	0.830509	-1.20408	0.143012	1.50015	1.50015	0.325688	0.769924	-1.29883	0.798811	0.936313	-1.06802	0.951129	1.084332	1.084332	0.694101	1.10721	1.10721	0.0188274	2.08163	2.08163	0.368132	1.26893	1.26893	0.368226	1.788106	1.26886	1.79183	1.8838	0.934517	1
cg22267542	SMPH;SMPH	0.21739	0.856075	1.02617	1.02617	0.229164	1.19616	1.19616	0.926012	1.01273	1.01273	0.139925	0.79817	-1.25287	0.0418472	0.716814	-1.39506	0.503924	1.10105	1.10105	0.333293	0.86792	-1.15218	0.115012	0.784074	-1.27539	0.53729	1.09272	1.09272	1.79177	0.571742	0.283638	1
cg08392199	LIF;LIFR	0.21743	0.501107	0.908071	-1.10126	0.378671	1.16406	1.16406	0.731746	1.03483	1.03483	0.0598603	1.10797	1.10797	0.491641	1.11554	1.11554	0.987982	1.00231	1.00231	0.93957	0.994613	-1.00547	0.97852	0.791252	1.26349	0.0198207	1.30828	1.30828	1.44253	1.27008	0.663576	0.329002	1
cg00972313	ADARB2	0.21744	0.08468	0.196642	-5.08539	0.269307	2.66766	2.66766	0.336755	2.32738	2.32738	0.705522	1.38236	1.38236	0.0561367	0.157994	-6.32936	0.760106	0.770117	1.2985	0.603739	0.639794	1.563	0.194245	3.22636	3.22636	0.378054	0.462363	-2.1628	1.79175	20.6437	10.2414	1
cg20205683	TMEM220	0.21745	0.0413248	0.633613	1.58026	0.85859	0.940443	-1.11229	0.804676	0.828821	-1.15579	0.0876026	0.328821	-3.04006	0.0679383	0.292574	-3.41794	0.140357	0.292335	-3.4204	0.0458077	0.205854	0.663134	-1.50799	0.0647874	0.316	0.0830004	0.290517	1.29051	1.79174	0.98316	0.489811	1
cg04036306	CBFA2T3;CBFA2T3	0.21746	0.725546	0.27202	1.27202	0.0495868	0.61493	1.61493	0.0360028	5.28608	5.28608	0.535116	0.651308	-1.53537	0.79616	1.1933	1.1933	0.302007	0.481931	-2.07499	0.316219	0.492937	-2.02866	0.869467	1.11882	1.11882	0.707871	1.73392	1.29301	1.79174	13.2243	6.56063	1
cg03124212	TSPAN13	0.21746	0.715952	0.948513	-1.05428	0.0602912	1.35863	1.35863	0.0266377	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N vs. N)	p-value(105T vs. N)	Fold-Change(1 vs.105T 057 vs. N vs. N)	p-value(111T vs. N)	Fold-Change(1 vs.111T 117 vs. N vs. N)	p-value(112T vs. N)	Fold-Change(1 vs.112T 127 vs. N vs. N)	p-value(121T vs. N)	Fold-Change(1 vs.121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(1 vs.347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1 vs.353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs.537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(1 vs.563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg19805005	CA1D;CA1S;CA1I		0.211949	0.437978	-2.33657	0.242353	0.480536	-2.18101	0.185035	2.32075	2.32075	0.181459	0.427572	-2.33879	0.153399	0.40028	-2.49825	0.563418	0.703496	-1.42147	0.0724603	0.301067	-3.32152	0.29464	0.532525	-1.91745	0.0889045	0.325033	3.07661	1.79082	10.1744	5.05017	1
cg04919234	FBXL4		0.211954	0.897791	0.954871	-1.04726	0.675902	0.859779	-1.16309	0.115294	0.540506	-1.85012	0.963574	1.01655	1.0165	0.922794	1.13654	1.13654	0.611635	1.20201	1.20201	0.0234921	2.64412	0.64912	0.145057	1.75478	1.75478	0.28265	1.49355	1.49355	3.7908	3.66219	1.81778	1
cg19974474	GDF11		0.211956	0.268367	2.01028	2.01028	0.190388	2.31617	2.31617	0.0365916	4.35462	4.35462	0.620904	0.739368	-1.35251	0.971255	1.02207	1.02207	0.138131	0.380219	-2.63006	0.297065	0.5195646	-1.92476	0.633295	0.747421	-1.33793	0.581021	0.71346	-1.40162	1.79079	10.405	5.16469	1
cg07457213	SH3PXD2A		0.211956	0.08026677	0.52809	-1.89162	0.0403809	0.279511	2.17953	0.65003	0.8604949	-1.16218	0.4154327	0.7604012	-1.31508	0.1163141	0.5703353	-1.7533	0.4030975	0.7546115	-1.32514	0.4046407	0.7553311	-1.32392	0.686386	0.8749072	-1.14289	0.544005	0.817405	-1.22338	1.79079	3.070885	1.53427	1
cg19656808	ERBB2;ERBB2		0.211957	0.824367	1.01316	1.01316	0.807857	1.01443	1.01443	0.420901	0.952796	-1.04954	0.130553	0.9084445	-1.10078	0.265905	1.07055	1.07055	0.129199	1.10122	1.10122	0.0417752	0.871097	-1.14798	0.894084	0.959511	-1.0422	0.586391	1.03283	1.03283	1.79079	0.09808057	0.0486866	1
cg12913879	TCF7L1		0.211969	0.107328	2.032478	-4.36747	0.134979	0.262484	-1.89075	0.336835	0.439565	-2.27498	0.598783	0.643576	-1.55382	0.15875	0.2863955	3.491668	0.7058662	0.729983	-1.36989	0.0188436	0.0937439	-10.6674	0.495845	0.77536	-1.29006	0.275284	0.389631	-2.56653	1.79073	19.5413	9.69996	1
cg22524998	FCHO1;FCHO1;FCHO1;FCHO1		0.211972	0.585454	0.897927	-1.11368	0.719127	0.931839	-1.07315	0.867054	0.967779	-1.03329	0.589176	0.898904	-1.11247	0.202029	1.30126	1.30126	0.71253	1.07503	1.07503	0.0137928	1.81311	1.81311	0.118842	1.39226	1.39226	0.902997	0.976447	-1.02412	1.79072	1.08377	0.537967	1
cg14876115	CXXC5		0.211973	0.686796	0.738237	-1.35458	0.0785453	0.682823	0.68292	0.289485	2.27779	2.27779	0.66263	1.38915	1.38915	0.152265	0.2785931	-3.58949	0.697132	1.04022	1.04022	0.447799	0.5328801	-1.87664	0.541353	1.58501	1.58501	0.740951	1.26197	1.26197	1.79072	15.899	7.89204	1
cg06744740	PELI2		0.211976	0.185064	0.5332358	-1.87526	0.0794788	2.2557	2.2557	0.170731	0.7207	1.38907	0.672502	-1.48698	0.150242	0.484412	-2.05587	0.617799	0.798491	-1.25236	0.0546928	0.272726	-3.67042	0.447961	0.72417	-1.38088	0.230518	0.569669	-1.75541	1.7907	5.67527	2.83716	1
cg14930955	USP19		0.21198	0.463797	1.11002	1.11002	0.4483241	1.37138	1.37138	0.201332	1.2079	1.2079	0.510307	1.09799	1.09799	0.370736	1.1373	1.1373	0.887872	1.01994	1.01994	0.0113698	1.53555	1.53555	0.754955	1.0448	1.0448	0.195909	1.21099	1.21099	1.79068	0.5556681	0.2758438	1
cg22064129	SLC4A2		0.211998	0.536535	0.7730474	-1.29373	0.3146466	0.582946	-1.71257	0.0907823	0.6742221	-1.48239	0.906314	1.0579	1.0579	0.10278	0.9457078	-1.05728	0.395369	1.20708	1.20708	0.0194877	1.62271	1.62271	0.0786169	1.27199	1.27199	0.43741	0.842586	-1.18682	1.79068	1.32582	0.6583133	1
cg25800170	ONECUT2		0.211985	0.340912	2.35639	2.35639	0.316656	0.404898	-2.46976	0.465794	0.522965	-1.91217	0.137417	0.404413	0.457493	0.153158	-6.52919	?	?	?	0.906252	1.10837	1.10837	0.20445	0.310514	-3.22047	0.33209	2.15065	2.15065	1.79097	19.3191	10.7383	1
cg00768439	FAM133A		0.211987	0.202632	0.760653	-1.31466	0.0317979	1.66834	1.66834	0.336186	1.22347	1.22347	0.157172	1.3603	1.3603	0.302055	1.24292	1.24292	0.919206	0.979575	-1.02085	0.223342	0.77088	-1.29722	0.608344	1.11085	1.11085	0.982247	1.00454	1.00454	1.79065	1.17319	0.582376	1
cg22853601	KIAA1026;KIAA1026		0.211991	0.732594	1.07426	1.07426	0.229514	1.30401	-1.1309	0.0158226	0.53983	-1.85435	0.439634	0.848213	-1.17895	0.65728	0.910953	-1.09775	0.796497	1.05546	1.05546	0.155328	1.35061	1.35061	0.587134	0.890294	-1.12322	0.871382	0.966724	-1.03442	1.79063	1.23718	0.614149	1
cg08360207	ZNF44;ZNF44		0.211999	0.12918	1.18435	1.18435	0.234067	0.879756	-1.1309	0.777592	0.745418	-1.34275	0.170268	0.624413	1.60151	?	?	?	0.188393	7.606	7.606	0.0882606	0.3558883	-10.4812	0.0944	0.43705	0.143125	-2.91439	2.79971	26.4763	7.34618	1
cg19251864	RBM42;RBM42		0.212023	0.00898736	0.466633	-2.14301	0.937644	0.982208	-1.01811	0.691904	0.912667	-1.09569	0.195631	0.730513	-1.3689	0.928789	0.979701	-1.02072	0.825056	1.05211	1.05211	0.0979758	0.659361	-1.51662	0.929347	0.979859	-1.02056	0.800539	0.93457	-1.0598	1.79049	1.49277	0.743085	1
cg07944459	ASPSCR1		0.212023	0.19223	0.7556329	-1.32385	0.2764224	0.579723	-1.72527	0.0939168	0.7351	-1.35927	0.196998	0.7911	-1.2641	0.311137	0.8013117	-1.24804	0.4480991	1.18788	1.18788	0.0336402	0.6962772	-1.5226	0.4447	0.8466	-1.18126	0.363441	0.6587844	-1.51795	0.363441	0.6587844	-1.51795	0.363441	0.6587844	-1.51795

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| Probeset ID | UCSC_REFGENE_NAME | p-value(Test) | p-value(1047 vs. N) | Fold-Change(1 vs.1047) | p-value(105T vs. N) | Fold-Change(1 vs.105T) | p-value(111T vs. N) | Fold-Change(1 vs.111T) | p-value(112T vs. N) | Fold-Change(1 vs.112T) | p-value(121T vs. N) | Fold-Change(1 vs.121T) | p-value(123T vs. N) | Fold-Change(1 vs.123T) | p-value(124T vs. N) | Fold-Change(1 vs.124T) | p-value(125T vs. N) | Fold-Change(1 vs.125T) | p-value(126T vs. N) | Fold-Change(1 vs.126T) | p-value(127T vs. N) | Fold-Change(1 vs.127T) |

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

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| Probeset ID | UCSC_REFGENE_NAME
SNORD27;SNORD26;SNORD29;SNORD28;SNORD32A;SNORD27;SNORD26;SNORD29;SNORD28;SNORD32A;SNORD33;SNORD34;SNORD35;SNORD36;SNORD37;SNORD38;SNORD39;SNORD40;SNORD41;SNORD42A;SNORD42B;SNORD43;SNORD44;SNORD45;SNORD46;SNORD47;SNORD48;SNORD49A;SNORD49B;SNORD50A;SNORD50B;SNORD51;SNORD52;SNORD53;SNORD54;SNORD55;SNORD56;SNORD57;SNORD58;SNORD59A;SNORD59B;SNORD60;SNORD61;SNORD62;SNORD63;SNORD64;SNORD65;SNORD66;SNORD67;SNORD68;SNORD69;SNORD70;SNORD71;SNORD72;SNORD73A;SNORD73B;SNORD74;SNORD75;SNORD76;SNORD77;SNORD78;SNORD79;SNORD80;SNORD81;SNORD82;SNORD83A;SNORD83B;SNORD84;SNORD85;SNORD86;SNORD87;SNORD88A;SNORD88B;SNORD88C;SNORD89;SNORD90;SNORD91A;SNORD91B;SNORD92;SNORD93;SNORD94;SNORD95;SNORD96A;SNORD97;SNORD98;SNORD99;SNORD100;SNORD101;SNORD102;SNORD103A;SNORD103B;SNORD104;SNORD105;SNORD106;SNORD107;SNORD108;SNORD109A;SNORD109B;SNORD110;SNORD111;SNORD112;SNORD113;SNORD114;SNORD115;SNORD116;SNORD117;SNORD118;SNORD119;SNORD120;SNORD121;SNORD122;SNORD123;SNORD124;SNORD125;SNORD126;SNORD127;SNORD128;SNORD129;SNORD130;SNORD131;SNORD132;SNORD133;SNORD134;SNORD135;SNORD136;SNORD137;SNORD138;SNORD139;SNORD140;SNORD141;SNORD142;SNORD143;SNORD144;SNORD145;SNORD146;SNORD147;SNORD148;SNORD149;SNORD150;SNORD151;SNORD152;SNORD153;SNORD154;SNORD155;SNORD156;SNORD157;SNORD158;SNORD159;SNORD160;SNORD161;SNORD162;SNORD163;SNORD164;SNORD165;SNORD166;SNORD167;SNORD168;SNORD169;SNORD170;SNORD171;SNORD172;SNORD173;SNORD174;SNORD175;SNORD176;SNORD177;SNORD178;SNORD179;SNORD180;SNORD181;SNORD182;SNORD183;SNORD184;SNORD185;SNORD186;SNORD187;SNORD188;SNORD189;SNORD190;SNORD191;SNORD192;SNORD193;SNORD194;SNORD195;SNORD196;SNORD197;SNORD198;SNORD199;SNORD200;SNORD201;SNORD202;SNORD203;SNORD204;SNORD205;SNORD206;SNORD207;SNORD208;SNORD209;SNORD210;SNORD211;SNORD212;SNORD213;SNORD214;SNORD215;SNORD216;SNORD217;SNORD218;SNORD219;SNORD220;SNORD221;SNORD222;SNORD223;SNORD224;SNORD225;SNORD226;SNORD227;SNORD228;SNORD229;SNORD230;SNORD231;SNORD232;SNORD233;SNORD234;SNORD235;SNORD236;SNORD237;SNORD238;SNORD239;SNORD240;SNORD241;SNORD242;SNORD243;SNORD244;SNORD245;SNORD246;SNORD247;SNORD248;SNORD249;SNORD250;SNORD251;SNORD252;SNORD253;SNORD254;SNORD255;SNORD256;SNORD257;SNORD258;SNORD259;SNORD260;SNORD261;SNORD262;SNORD263;SNORD264;SNORD265;SNORD266;SNORD267;SNORD268;SNORD269;SNORD270;SNORD271;SNORD272;SNORD273;SNORD274;SNORD275;SNORD276;SNORD277;SNORD278;SNORD279;SNORD280;SNORD281;SNORD282;SNORD283;SNORD284;SNORD285;SNORD286;SNORD287;SNORD288;SNORD289;SNORD290;SNORD291;SNORD292;SNORD293;SNORD294;SNORD295;SNORD296;SNORD297;SNORD298;SNORD299;SNORD300;SNORD301;SNORD302;SNORD303;SNORD304;SNORD305;SNORD306;SNORD307;SNORD308;SNORD309;SNORD310;SNORD311;SNORD312;SNORD313;SNORD314;SNORD315;SNORD316;SNORD317;SNORD318;SNORD319;SNORD320;SNORD321;SNORD322;SNORD323;SNORD324;SNORD325;SNORD326;SNORD327;SNORD328;SNORD329;SNORD330;SNORD331;SNORD332;SNORD333;SNORD334;SNORD335;SNORD336;SNORD337;SNORD338;SNORD339;SNORD340;SNORD341;SNORD342;SNORD343;SNORD344;SNORD345;SNORD346;SNORD347;SNORD348;SNORD349;SNORD350;SNORD351;SNORD352;SNORD353;SNORD354;SNORD355;SNORD356;SNORD357;SNORD358;SNORD359;SNORD360;SNORD361;SNORD362;SNORD363;SNORD364;SNORD365;SNORD366;SNORD367;SNORD368;SNORD369;SNORD370;SNORD371;SNORD372;SNORD373;SNORD374;SNORD375;SNORD376;SNORD377;SNORD378;SNORD379;SNORD380;SNORD381;SNORD382;SNORD383;SNORD384;SNORD385;SNORD386;SNORD387;SNORD388;SNORD389;SNORD390;SNORD391;SNORD392;SNORD393;SNORD394;SNORD395;SNORD396;SNORD397;SNORD398;SNORD399;SNORD400;SNORD401;SNORD402;SNORD403;SNORD404;SNORD405;SNORD406;SNORD407;SNORD408;SNORD409;SNORD410;SNORD411;SNORD412;SNORD413;SNORD414;SNORD415;SNORD416;SNORD417;SNORD418;SNORD419;SNORD420;SNORD421;SNORD422;SNORD423;SNORD424;SNORD425;SNORD426;SNORD427;SNORD428;SNORD429;SNORD430;SNORD431;SNORD432;SNORD433;SNORD434;SNORD435;SNORD436;SNORD437;SNORD438;SNORD439;SNORD440;SNORD441;SNORD442;SNORD443;SNORD444;SNORD445;SNORD446;SNORD447;SNORD448;SNORD449;SNORD450;SNORD451;SNORD452;SNORD453;SNORD454;SNORD455;SNORD456;SNORD457;SNORD458;SNORD459;SNORD460;SNORD461;SNORD462;SNORD463;SNORD464;SNORD465;SNORD466;SNORD467;SNORD468;SNORD469;SNORD470;SNORD471;SNORD472;SNORD473;SNORD474;SNORD475;SNORD476;SNORD477;SNORD478;SNORD479;SNORD480;SNORD481;SNORD482;SNORD483;SNORD484;SNORD485;SNORD486;SNORD487;SNORD488;SNORD489;SNORD490;SNORD491;SNORD492;SNORD493;SNORD494;SNORD495;SNORD496;SNORD497;SNORD498;SNORD499;SNORD500;SNORD501;SNORD502;SNORD503;SNORD504;SNORD505;SNORD506;SNORD507;SNORD508;SNORD509;SNORD510;SNORD511;SNORD512;SNORD513;SNORD514;SNORD515;SNORD516;SNORD517;SNORD518;SNORD519;SNORD520;SNORD521;SNORD522;SNORD523;SNORD524;SNORD525;SNORD526;SNORD527;SNORD528;SNORD529;SNORD530;SNORD531;SNORD532;SNORD533;SNORD534;SNORD535;SNORD536;SNORD537;SNORD538;SNORD539;SNORD540;SNORD541;SNORD542;SNORD543;SNORD544;SNORD545;SNORD546;SNORD547;SNORD548;SNORD549;SNORD550;SNORD551;SNORD552;SNORD553;SNORD554;SNORD555;SNORD556;SNORD557;SNORD558;SNORD559;SNORD560;SNORD561;SNORD562;SNORD563;SNORD564;SNORD565;SNORD566;SNORD567;SNORD568;SNORD569;SNORD570;SNORD571;SNORD572;SNORD573;SNOR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Probeset ID	UCSC_REFGENE_NAME RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. 2171 vs. N)	Fold-Change(1127 vs. 2171 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg11024506	1	0.213171	0.059842	0.416808	-2.39919	0.625032	1.225O7	1.225O7	0.187201	0.562074	-1.77912	0.828033	1.0938	1.0938	0.0462106	0.390121	-2.5633		0.573207	0.790893	-1.26439	0.0139377	0.4646585	-2.152	0.59433	0.801289	-1.24799	0.121774	0.500935	-1.99627	1.78533	4.802S7	2.39113	1
cg01781767	RTEL1;RTEL1	0.213173	0.61333	0.892513	-1.12043	0.1349G4	1.43278	1.43278	0.344437	1.24275	1.24275	0.647599	0.902393	-1.10816	0.245505	1.13137	1.13137		0.837774	1.04681	1.04681	0.0496203	0.60663	-1.64845	0.686329	0.913382	-1.09483	0.1133878	0.68081	-1.46884	1.78532	1.40815	0.701101	1
cg08328790	KRT15	0.213175	0.330489	0.460907	-2.17199	0.536227	1.62237	1.62237	0.765567	0.793754	-1.25984	0.248753	0.994056	-2.53771	0.288376	0.426828	-2.34286		0.491038	0.582568	-1.71654	0.0656443	0.202754	-4.93209	0.0140123	0.0959954	-10.4172	0.653034	0.705021	1.41842	1.78531	1.86707	8.39976	1
cg00247748	C1orf19	0.213178	0.515496	0.794233	-1.25908	0.3809954	2.4224	2.4224	0.111544	1.83223	1.83223	0.746574	0.892897	-1.11995	0.0905229	0.521214	-1.9186		0.814764	1.08545	1.08545	0.716345	0.851251	0.93899	-1.06497	0.970718	1.01291	1.01291	1.7853	3.45131	1.71839	1
cg09941798	DOCK9;DOCK9;DOCK9;DOCK9	0.213182	0.334886	1.48972	1.48972	1.778607	0.893202	-1.11957	0.956811	1.46196	1.46196	0.956542	0.978399	-1.02208	0.909287	0.955333	-1.04673		0.895164	1.05425	1.05425	0.0263112	0.87439	2.87439	0.0222501	2.99824	2.99824	0.593374	1.24107	1.74527	1.85428	0.54507	2.26064	1
cg12596692	DAB1	0.213182	0.861512	1.16659	1.16659	0.0215819	11.4146	11.4146	0.0953351	5.03801	5.03801	0.844845	1.18874	1.18874	0.318616	0.402701	-2.48323		0.875527	0.870814	-1.14835	0.769707	1.2957	1.2957	0.278743	0.370167	-2.70148	0.532781	0.572636	-1.74631	1.78528	22.017	10.9622	1
cg01320048	VWA2	0.213187	0.367342	0.854742	-1.16994	0.124726	1.32539	1.32539	0.807499	1.04226	1.04226	0.674731	0.950961	-1.07416	0.589536	0.918815	-1.08671		0.997353	1.00056	1.00056	0.80836	1.04205	1.04205	0.028978	1.54705	1.54705	0.0715733	1.40639	1.40639	1.78526	0.812272	0.404435	1
cg12880250	ACBD4;CASD4;PLCD3	0.213189	0.558859	1.17489	1.17489	0.414936	1.25568	1.25568	0.21568	1.21821	1.21821	0.242393	1.3954	1.3954	0.361962	0.77453	-1.29111		0.0946373	0.605982	-1.65022	0.138358	0.647247	-1.54501	0.474253	1.21949	1.21949	0.0767856	0.58471	-1.71025	1.78525	2.10207	1.04664	1
cg07092448	TDRKH;TDRKH;TDRKH;TDRKH	0.213189	0.0259144	0.120395	-8.30597	0.337963	2.11569	2.11569	0.969945	1.02867	1.02867	0.550614	1.5762	1.5762	0.204274	0.358755	-2.78741		0.228243	2.62682	2.62682	0.405339	0.525125	-1.90431	0.325947	0.463066	-2.15952	0.504326	0.599836	-1.66712	1.95794	16.6282	5.66178	1
cg02198704	TSPAN5	0.213193	0.758347	1.22605	1.22605	0.0708502	1.09	1.09	0.870567	1.01742	1.01742	0.335452	2.82923	0.508783	1.44132	1.44132	0.0994514	1.80994	0.225417	0.56549	-1.76909	0.146627	0.15438	0.0819357	2.23472	2.72416	0.646254	1.28049	1.78523	8.09259	4.0294	1
cg12160741	RRF1	0.213193	0.0429578	0.254468	-3.92977	0.584239	0.722763	-1.38358	0.689501	1.26613	1.26613	0.546951	0.700896	-1.42674	0.183606	0.436531	-2.29079		0.188963	0.441453	1.40284	0.0400048	-2.4997	0.134416	0.387383	-2.58343	0.78523	0.976043	4.85984	1
cg13786563	RRAS	0.213194	0.382415	0.6950303	-1.43492	0.229741	0.6016B5	1.652	0.0215402	0.329009	-3.03943	0.848345	0.957325	-1.08123	0.0562046	0.478094	-2.09164		0.992019	0.996429	-1.00358	0.155523	0.546911	-1.84532	0.413423	1.40084	1.40084	0.720847	1.15563	1.15563	1.78522	4.59401	2.28797	1
cg13908310	SLC35F3	0.213197	0.226868	1.38778	1.38778	0.078428	1.66046	1.66046	0.743251	1.08936	1.08936	0.686341	1.115O5	1.115O5	0.654096	0.889591	-1.12411		0.854876	0.953618	-1.04864	0.0361027	1.88184	1.88184	0.131778	0.655741	-1.52499	0.971243	0.991338	1.03087A	1.78521	1.90245	0.947263	1
cg17283838	FAM69A	0.213207	0.190452	0.809219	-1.23576	0.856508	0.972743	-1.02802	0.682425	0.939122	-1.06482	0.28036	0.842547	-1.18688	0.917767	1.01589	1.01589		0.837709	1.03181	1.03181	0.00745712	0.590939	-1.69222	0.75508	1.04894	1.04894	0.873314	1.02466	1.02466	1.78517	0.659064	0.328168	1
cg15468907	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.213207	0.550045	0.61355	-1.62986	0.905264	1.10095	1.10095	0.704346	1.36064	1.36064	0.996071	1.00399	1.00399	0.051289	6.00547	6.00547		0.0333036	7.45928	7.45928	0.895784	0.899549	-1.11167	0.0630321	5.41508	5.41508	0.941208	1.06139	1.06139	1.78517	18.4484	9.18599	1
cg06024289	KRT18;KRT18 RNUSE;ZCCHC9;ZCCHC9;RNUSD;ZCCHC	0.213214	0.966788	0.976404	-1.02417	0.0187748	5.11895	5.11895	0.135568	2.51563	2.51563	0.801767	1.1552	1.1552	0.859375	0.889201	-1.1246		0.366237	1.70296	1.70296	0.275318	1.91721	1.91721	0.0593734	3.3892	3.3892	0.26256	2.03755	2.03755	1.78514	9.29882	4.63024	1
cg22211395	9	0.213216	0.854656	1.07461	1.07461	0.21537	1.66109	1.66109	0.112072	0.550019	-1.96071	0.128653	0.527787	-1.8947	0.0979446	0.493378	-2.02684		0.958926	0.980158	-1.02024	0.699522	1.16291	1.16291	0.618899	1.21548	1.21548	0.138261	1.86089	1.86089	1.78513	4.28152	2.13195	1
cg26837035	PLA2R1;PLA2R1	0.213216	0.0967709	7.77934	7.77934	2.02964	4.5695	4.5695	0.172083	5.13324	5.13324	0.103351	7.42421	2.42421	0.849897	0.849897	-1.23764		0.617885	1.567816	1.567816	0.0178014	2.76513	2.76513	0.0198415	3.38233	3.38233	0.0198415	3.31836	3.31836	1.78512	1.38604	0.17282	1
cg08240592	C1orf107 MIR654;MIR376B;MIR376A1;MIR376A	0.213223	0.187773	2.18486	2.18486	0.727029	2.12679	2.12679	0.921938	1.05641	1.05641	0.0800853	2.96601	2.96601	0.209147	2.09846	2.09846		0.262133	1.9245	1.9245	0.05976	2.39242	3.29242	0.0369471	3.88306	3.88306	0.113546	2.62237	2.62237	1.78509	8.86267	4.41317	1
cg14371292	2;MIR376C	0.213224	0.901593	1.03279	1.03279	0.359166	0.781982	-1.2788	0.376447	1.26712	1.26712	0.774431	1.07783	1.07783	0.626588	0.87995	-1.13643		0.00949956	0.424418	-2.35617	0.382784	1.26296	1.26296	0.977375	0.99263	-1.00742	0.476631	0.82798	-1.20776	1.78509	1.92348	0.957798	1
cg02697649	FZD7	0.213227	0.42144	0.574399	-1.74095	0.259334	2.21316	2.21316	0.0604722	4.11515	4.11515	0.161033	2.74741	2.74741	0.0787347	3.73637	3.73637		0.112742	3.20755	3.20755	0.841972	0.784923	0.749247	0.0598094	-1.67198	1.78508	12.8852	6.41625	1
cg23890282	LEMD2;LEMD2	0.213236	0.393649	0.843621	-1.18537	0.0182075	1.711475	1.711475	0.145553	0.0749533	0.880904	-1.52654	0.0872724	1.00727	1.00727	0.0119237	0.0702548	0.0702548	0.220707	-4.53073	0.0140802	0.656279	1.12797	1.12797	0.66977	1.08791	1.08791	1.78504	0.5318	0.2553	1
cg19571390	CRADD	0.213238	0.943316	0.976716	-1.02384	0.538051	1.22945	1.22945	0.721813	0.8883	-1.12575	0.888533	1.04756	1.04756	0.383022	0.743503	-1.34499		0.494176	0.794515	-1.25863	0.00648792	0.309647	-3.22948	0.621873	1.17905	1.17905	0.593724	0.836613	-1.1953	1.78503	3.1033	1.54535	1
cg09276553	TNNC1	0.213254	0.183963	1.82794	1.82794	0.122738	0.534731	1.012964	-1.09533	0.784854	1.04554	1.04554	0.462794	1.8916514	1.112156	0.849335	1.0737272	-1.02788					0.675727	1.06273	1.06273	0.0802658	0.6153883	1.6343	0.5132208	0.908561	1.10004	0.627581	1.07326	1.07326	1.78505	0.591258	0.294432	1
cg15768209	PNG	0.213254	0.173344	0.682596	-1.465	0.245924	0.726258	-1.37692	0.462659	0.822142	-1.21782	0.627481	1.1186	1.1186	0.0731472	0.588115	1.70035		0.216621	1.708863	-1.40872	0.0184219	0.470642	-2.12476	0.274758	0.74118	-1.3492	0.959067	1.08585	-1.01332	1.78497	0.99635	0.978018	1
cg03338754	F7;F7	0.213254	0.958877	0.970986	-1.02988	0.181628	2.24718	2.24718	0.706097	1.24151	1.24151	0.337577	1.75861	1.75861	0.175421	0.439207	-2.27683		0.566096	0.718429	-1.39193	0.96352	0.975479	-1.02514	0.958718	0.970875	-1.03	0.0158077	0.54107	0.74107	1.78496	0.9177	0.59031	1
cg22634588	CCDC93	0.213256	0.8568311	1.07461	1.07461	0.21531	1.66109	1.66109	0.112072	0.550019	-1.96071	0.128653	0.527787	-1.8947	0.0979446	0.493378	-2.02684		0.200268	1.17286	1.17286	0.0263112	0.87439	1.45274	0.968883	1.67023	1.67023	1.67023	1.67023	1.67023	1.78496	0.392619	0.19552	1
cg08748913	KLHL3	0.213256	0.267042	0.511568	-1.95477	0.27472	0.923	0.923	0.192339	0.323995	0.20695	-2.09845	0.409841	0.62732	-1.48739	0.429222	0.62633	-1.59645	0.368974	0.585753	-1.70721	0.0232802	0.2047	-4.88521	0.322664	0.553336	-1.80722	0.436629	0.631279	-1.58409	1.78495	0.49886	4.73034	1
cg19747157	NFIA;NFIA;NFIA;NFIA	0.213258	0.0459944	0.2047	0.2047	0.0000703	0.00703	0.00703	0.0863692	0.14807	0.14807	0.0863692	0.420257	0.420257	0.110337	0.129523	0.0000703	0.00703	0.0459944	0.2047	0.2047	0.0000703	0.00703	0.00703	0.00703	0.00703	0.00703	0.00703	0.00703	0.00703	1.78494	0.0000703	0.00703	0.00703	0.00703	0.00703	0.00703	1
cg13632520	EHMT1	0.213263	0.075994	3.10304	3.10304	0.117396	2.65196	2.65196	0.272155	1.9261	1.9261	0.126277	2.58213	2.58213	0.372032	1.69146	1.69146		0.293579	1.86786	1.86786	0.0416692	3.84453	3.84453	0.0509109	3.35827	3.35827	0.147712	2.43688	2.43688	1.78492	2.29087	4.62984	1
cg23826495	APPL2	0.213264	0.28921	0.611303	-1.63585	0.0540367	2.25597	2.25597	0.104103	2.21429	2.21429	0.315339	1.59116	1.59116	0.0782824	0.607028	-1.64737		0.964264	1.02025	1.02025	0.203177	1.82382	1.82382	0.530793	1.32849	1.32849	0.394571	0.676992	-1.47712	1.78491	5.65754	2.81746	1
cg19732175	RPL29	0.213265	0.3487605	0.7744	0.7744	0.0742845	1.0131	1.0131	-1.40053	0.749344	0.830954	-1.42526	0.0731638	0.59134	0.0739754	0.59134	0.20626		0.0911408	0.906426	1.10331	0.0337408	0.201897	-4.95303	0.270457	0.97412	1.97412	0.0165586	0.39699	0.39699	0.78491	0.93208	0.4942	1
cg25312474	VTA1	0.213268	0.608541	0.881634	-1.13426	0.0273353	0.529014	-1.89031	0.401826	0.811186	-1.23276	0.944227	0.983082	-1.01721	0.237918	1.35188	1.35188		0.662211	1.11316	1.11316	0.0878251	1.58323	1.58323	0.700133	1.09898	1.09898	0.550921	0.863165	-1.15853	1.78489	1.68128	0.837288	1
cg12203284	ECHDC1;ECHDC1;ECHDC1;ECHDC1	0.213267	0.654387	1.1076	1.1076	0.223798	0.553437	-1.1357	0.198854	1.35994	1.35994	0.113863	1.44576	1.44576	0.0441256	1.44576	1.44576	1.4747	1.4747	1.4747			0.702442	1.0009	1.0009	0.997403	0.7178093	1.4747	1.4747	1.4747

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error)
2v1056002	KLHL2	0.2133518	0.0089503	0.647964	0.2133518	0.647964	1.58132	0.0927383	0.6416648	1.558349	0.6446859	1.11776	0.582466	0.875301	1.14246	0.608891	1.12257	0.150561	1.44715	1.44715	0.9850258	1.0042	1.0042	0.783043	1.06845	1.068451	1.78378	1.62547	0.81	1
q12484487	C18orf21	0.2133518	0.2566535	1.21389	1.21389	1.035764	1.33534	1.33534	0.6840505	1.06925	1.06925	0.4413606	1.14659	1.14659	0.6607444	1.13084	1.13084	0.535785	1.10808	1.10808	0.0479338	0.69067	1.44787	0.517925	1.11325	1.11325	0.0862466	1.36372	1.36372	1.78378	0.7567551	0.3771103	1
q14855607	VSX2	0.21352	0.442267	0.78839	1.26841	0.63494	0.864894	1.15621	0.8745981	1.0491	1.0491	0.5175233	0.8194452	1.220313	0.54518	1.3432	1.3432	0.3644466	1.01362	1.01362	0.2441611	0.6908892	1.4474	0.0192294	2.36197	2.36197	0.1711182	1.55606	1.55606	1.78377	2.601078	1.29652	1
q75487653	SHANK2;SHANK2	0.2133519	0.9910084	1.00206	1.00206	0.9910084	1.17557	1.17557	0.0694108	0.6880995	-1.45329	0.1286381	0.7591446	-1.35291	0.2469361	0.8002255	-1.2496	0.7126067	1.07045	1.07045	0.0611281	1.47461	1.4746	0.934981	0.9850985	-1.015133	0.7218554	0.99633	1.068	1.78376	0.9560973	0.47688	1
q02514855	CDX6C	0.21352?	0.0539616	1.34796	1.34796	0.728448	1.04872	1.04872	0.231447	0.8425621	-1.18686	0.6678682	0.9427987	-1.06068	0.4412235	0.89836	-1.11314	0.0424454	1.37566	1.37566	0.822794	1.03109	1.03109	0.9274461	1.012511	1.012511	0.2320587	1.19217	1.19217	1.78374	0.5262353	0.2622348	1
q12770930	ASCC1;C10orf104	0.21353	0.5257799	0.8221109	-1.21638	0.8206197	0.5666319	-1.76485	0.2867682	0.754348	-1.99884	0.520617	1.214412	1.214412	0.12184	0.5599909	-1.66692	0.0397065	0.4864634	-2.06341	0.42824	0.7851583	1.27945	0.1178301	0.7300073	-1.36973	0.0757374	0.514942	-1.92522	1.78368	2.62272	1.30702	1
q19219366	TRIM3;TRIM3	0.21353?	0.8790686	0.9699424	-1.03101	0.48749	0.867433	-1.15283	0.0476621	1.57871	1.57871	0.601326	0.8991692	-1.11214	0.205976	0.7641677	-1.30861	0.9769109	0.9941841	-1.00585	0.1138968	0.7253357	-1.37863	0.9012655	1.02534	1.02534	0.0972047	1.44336	1.44336	1.78368	1.14825	0.5722222	1
q07660750	PAK6;PAK6;PAK6	0.2133519	0.750218	1.27874	1.27874	0.2267478	0.574819	1.56859	0.0458188	1.817771	1.817771	0.7512175	0.7837645	-1.27592	0.0658775	0.890884	-1.4498	0.7462917	1.18564	1.18564	0.7055559	1.33006	1.33006	0.4080312	1.91736	1.91736	0.9616893	1.03763	1.03763	1.78368	1.6574	0.3294	1
q03498697	FBMD3	0.2133539	0.587313	0.7336318	-1.36307	0.0770296	0.3108136	1.03836	0.0805691	2.990051	2.990051	0.3014077	0.5460321	-1.83143	0.441601	0.6417779	-1.55187	0.2426208	0.5009778	-1.9961	0.8313668	1.33621	1.33621	0.1452224	1.42089	1.42089	0.6060578	1.34126	1.34126	1.78368	0.92516	0.449765	1
q10154926	HAP1;HAP1;HAP1	0.2133541	0.8429841	0.9698066	-1.03113	0.8494577	0.979789	-1.02063	0.102515	0.7586554	-1.31812	0.184999	0.8046668	-1.24275	0.17733	1.24814	1.24814	0.785	0.958606	-1.04318	0.0487833	0.7061773	-1.41608	0.2403111	1.20932	1.20932	0.4462271	0.8869303	-1.12752	1.78367	0.6751153	0.3366611	1
q04927429	RNF13;RNF13	0.2133542	0.9910674	1.00206	1.00206	0.9910674	1.17556	1.17556	0.0695108	0.6881006	-1.45323	0.1286344	0.7592032	-1.35291	0.2469361	0.8002255	-1.24956	0.7126067	1.07045	1.07045	0.0611281	1.47461	1.4746	0.934981	0.9850985	-1.015133	0.7218554	0.99633	1.068	1.78376	0.9560973	0.47688	1
q16238523	GPX1;GPX1;GPX1	0.2133545	0.0312425	0.510028	-1.96067	0.327607	1.30891	1.30891	0.860856	0.954338	-1.04785	0.521267	0.840982	-1.18909	0.206759	0.7013376	-1.42577	0.3662288	2.08051	2.08051	0.0997459	0.6184442	-1.61697	0.3346827	0.7671754	-1.30348	0.26985	0.736328	-1.35889	1.78365	2.00464	0.99902	1
q07508429	NUDCD3	0.21355	0.2253886	0.6063378	-1.64914	0.6816565	0.8469959	-1.18069	0.1537989	1.304432	1.304432	0.1816735	0.5054065	-1.84963	0.1689889	1.804313	1.804313	0.2109626	0.5941667	-1.68303	0.1844098	0.5544167	-1.80393	0.1805	1.404515	1.404515	0.4439075	1.37414	1.37414	1.78363	1.458172	2.28334	1
q02246301	NMS	0.21355?	0.981349	1.01477	1.01477	0.117514	0.344179	1.06546	0.235247	0.4581872	-1.18251	0.154209	0.384069	-2.6037	0.0298777	0.3201253	-4.96888	0.15609	0.385974	-2.59085	0.0909597	0.310924	-3.21622	0.497442	0.6490885	-1.54063	0.1007735	0.323722	-3.08907	1.78363	11.1192	5.54136	1
q01005574	DDX4G	0.2135553	0.411794	0.667233	-1.49873	0.663836	0.8099	-1.23472	0.949468	1.03103	1.03103	0.645995	0.8001019	-1.24981	0.9903183	0.654195	1.5286	0.718228	1.1909	1.1909	0.84968	0.912579	-1.0958	0.0090393	0.490673	0.97823	1.54635	1.54635	1.78362	0.56684	3.27266	1
q15555712	SLC6A7	0.2135555	0.1848868	0.3549437	-2.81743	0.2736446	0.47672	2.47672	0.238487	0.4840942	-2.48175	0.3892607	0.5913582	-1.69125	0.3201	0.5239	1.90875	0.4637604	1.7916	1.7916	0.1054444	0.2777252	-3.67982	0.8687111	1.12959	1.12959	0.0892253	0.2514179	-3.97468	1.78361	15.3255	7.63768	1
q07542000	TMEM98;TMEM98	0.2135557	0.2621233	0.5672314	-1.763	0.1431327	2.14487	2.14487	0.8417711	1.10178	1.10178	0.3911663	0.6530838	-1.53121	0.0507948	0.3399005	-2.94199	0.1894039	0.5096436	-1.96218	0.110156	0.4298848	-2.3264	0.538779	1.35227	1.35227	0.5517228	0.7467778	-1.33909	1.7836	6.64262	3.31046	1
q01507044	SAC5	0.2135556	0.0371086	2.41849	2.41849	0.160546	0.578606	-1.72803	0.687941	0.86081	-1.15873	0.851732	1.070561	1.070561	0.984391	0.9928887	-1.00716	0.540154	1.25395	1.25395	0.4803	0.7739515	-1.29215	0.0613666	2.15787	2.15787	0.4160532	1.33934	1.33934	1.78359	3.76111	1.87443	1
q07348418	RNF220	0.2135561	0.47647	0.7093669	1.40962	0.4298008	0.682327	-1.46557	0.0157573	0.2457797	-4.06872	0.584715	0.7069698	-1.41469	0.0510932	0.4210483	-2.3687	0.7149135	1.040313	-1.15003	0.4506865	0.6945517	-1.43985	0.849457	0.9138815	-1.09431	0.4638856	1.54422	1.54422	1.78358	6.54944	3.16698	1
q09672452	CCPG1;MIR628;CCPG1	0.2135563	0.1080024	0.43682	-2.28927	0.4046012	0.6684457	-1.49598	0.154186	0.4865247	-2.05538	0.220393	0.5441133	-1.83779	0.0099674	0.2150009	-4.65097	0.6400557	0.8008287	-1.24871	0.378168	0.6524515	-1.53277	0.9424411	0.9664452	-1.03471	0.3212335	0.6162287	-1.62262	1.78358	6.30378	3.14064	1
q21287936	ZNF667;ZNF667	0.2135563	0.5916319	0.8481856	-1.55508	0.3133804	1.34444	1.34444	0.3132652	1.271632	1.271632	0.2754482	0.5583074	-1.80144	0.2799337	0.7040989	-1.42056	0.4502099	1.87231	1.87231	0.2192722	0.46348	2.15698	0.204981	2.04981	0.109458	1.03991	1.83757	1.78353	18.7753	9.35715	1
q06144608	MTM1	0.2135564	0.0905811	0.2684523	-3.72507	0.0653075	0.232403	-4.30287	0.0836095	0.259174	-3.85841	0.359518	1.84626	1.84626	0.856907	0.8826588	-1.1329	0.0990474	0.279316	-3.58018	0.0864716	0.1886488	-1.1278	0.387304	0.8263151	-1.21014	0.4916394	1.63651	1.63651	1.78357	2.04051	7.00266	1
q12452364	HIRA1;HIRA1	0.2135564	0.1031559	0.4209	-1.61286	0.4053123	1.74839	1.74839	0.1586375	1.189767	1.189767	0.1810442	0.5876155	-1.70161	0.2142621	0.7216134	-1.38573	0.0924782	0.4473639	-2.23546	0.2268354	0.5153554	-1.94039	0.4090868	0.6262676	-1.59702	0.2729539	0.4839075	1.37414	1.37414	1.78363	4.58172	2.28334	1
q16109089	IGSF9B	0.2135577	0.905091	1.03221	1.03221	0.08884088	0.412428	-2.42467	0.0848037	0.6026	-1.65948	0.804157	0.936108	-1.06825	0.519723	0.840782	-1.18937	0.4992448	0.833375	-1.19994	0.744259	1.09088	1.09088	0.356741	0.777331	-1.28645	0.5955091	0.86729	-1.15302	1.78351	1.99477	0.994176	1
q07291439	ZIC1	0.2135579	0.120328	0.4342297	-2.30257	0.351125	1.60802	1.60802	0.987212	1.00796	1.00796	0.645225	0.7949552	-1.25794	0.984408	0.9908243	-1.00845	0.6538322	0.7996764	-1.25037	0.0931568	0.306828	-3.25915	0.8600775	1.09126	1.09126	0.365392	0.631071	-1.58461	1.7835	6.92064	3.44921	1
q10091117	PTGER4	0.2135582	0.1131627	0.4408153	-2.26755	0.3731146	0.6782	-1.47457	0.2122068	0.6746464	-1.48218	0.2899206	0.5034206	-1.98568	0.2006	0.6855	1.45863	0.4747507	1.809851	1.8098	0.1861361	0.3102	3.22351	0.7355838	1.10956	1.10956	0.157224	0.628726	1.59052	1.78349	2.65846	1.32497	1
q08003613	FLJ42709;FLJ42709	0.2135584	0.2571954	0.5496314	-1.8194	0.3306666	1.660055	1.66005	?	?	?	1.362811	1.603631	1.603631	0.600631	1.30469	1.30469	0.1243362	0.4286577	2.33276	0.122658	2.34348	2.34348	0.2251931	1.90668	1.90668	0.1480021	2.200886	2.200886	1.86296	6.49151	3.04895	1
q01637280	MFHAS1	0.2135587	0.8650321	1.029301	1.07613	0.5731546	1.27825	1.27825	0.103393	1.582171	1.582171	0.277794	1.52655	1.52655	0.2165568	0.7208	-1.75193	0.9448832	0.970599	-1.03033	0.9153417	0.89176	1.25259	0.0613666	2.55367	2.55367	0.0134693	1.13142	1.13142	1.78347	5.25339	2.62749	1
q26366459	NASP;NASP;NASP	0.2135587	0.4954148	0.857733	-1.1965	0.0451173	1.81445	1.81445	0.189772	1.43325	1.43325	0.113187	0.6384956	-1.56628	0.56646	1.16204	1.16204	0.7375596	1.09105	1.09105	0.23876	0.7263137	-1.37681	0.664679	0.8931127	-1.11966	0.3744	1.26654	1.26654	1.78346	1.89717	0.945561	1
q91539481	SPTBN2	0.2135594	0.4552891	0.7636351	-1.30953	0.2631184	0.6624454	-1.50954	0.796933	0.913	-1.09529	0.4410026	0.757792	-1.31962	0.0361594	0.4231161	-2.36317	0.0296549	0.405096	-2.46855	0.350031	1.40431	1.40431	0.8395559	1.07418	1.07418	0.3942233	0.734897	-1.36074	1.78344	3.51924	1.75404	1
q03310733	MSRB3;MSRB3	0.2135595	0.688562	1.0833	1.0833	0.2613473	0.3116154	1.56116	0.0477367	0.8153753	-1.22887	0.156614	0.7803863	-1.28205	0.4511727	0.7143207	-1.39985	0.5563133	1.2051	1.2051	0.1422997	0.4532004	-2.20615	0.1308184	1.69381	1.69381	0.0127941	1.14229	1.14229	0.0904437	1.09627	1.10377	1.78344	0.7274	0.38546	1
q22476268	CPNE1;C20orf201;OPRL1	0.2135596	0.2286552	0.763165	-1.31033	0.8479345	1.04192	1.04192	0.388977	1.280982	1.20742	1.20742	0.5167661	1.15099	1.15099	0.26499	0.7718524	-1.29559	0.3444434	0.811938	-1.23162	0.0265651	1.75483	1.75483	0.280721	0.7867339	-1.27107	0.683689	0.9158326	-1.09191	1.78343	1.29263	0.64427	1
q26958777	TBC0	0.2135597	0.8082644	1.0512	1.0512	0.4600557	1.31037	1.31037	0.4272576	1.161607	1.161607	0.4201757	0.8249109	1.210427	0.4407533	0.7753	-1.29006	0.7641834	0.9852	1.0152	0.9415	1.16246	1.16246	0.1844164	1.70686	1.70686	0.0166005	0.9788117	1.02164	1.78343	1.41468	0.7016855	0.3468424	1
q16268684	ARPC2;ARPC2	0.2136	0.981468	1.01477	1.01477	0.410533	1.7013	1.7013	0.258519	2.10521	2.10521	0.467339	0.6268871	-1.59518	0.0145434	0.149477	-6.68997	0.2248474	1.447117	-2.23655	0.926584	1.05992	1.05992	0.811308	0.858931	-1.16302	0.2996932	0.507298	-1.97123	1.78341	11.2616	5.61299	1
q22180201	B3GAT2	0.2136001	0.122922	0.800435	-1.24932	0.404744	1.12224	1.12224	0.517562	0.916329	-1.09131	0.459368	0.904514	-1.10554	0.996688	1.00055	1.00055	0.5599482	0.931857	-1.07313	0.663782	0.943412	-1.05998	0.044023	1.38899	1.38899	0.139018	1.23625	1.23625	1.78341	0.5010023	0.249721	1
q03658893	KANK2	0.2136002	0.215494	0.6120599	-1.63384	0.2453533	1.74839	1.74839	0.2522513	0.2208573	1.39328	1.39328	0.1833241	1.04	1.04	0.0974469	0.887793	-1.45393	0.4858434	1.15691	1.15691	0.3465551	1.22402	1.22402	0.0406082	1.62676	1.62676	0.2211128	1.31147	1.31147	1.7834	1.1964	0.5963114	1
q24733126	SCUBE2;SCUBE2	0.2136002	0.0638496	0.0908282	-11.0098	0.5042412	2.18243	2.18243	0.682681	1.60531	1.60531	0.374142	0.349765	-2.85906	0.0456069	0.0714985	-13.9863	0.1757939	0.700492	-1.42757	0.820307	0.7695516	-1.29952	0.0486892	0.0748155	-13.3662	0.4100555	0.379038	-2.63826	1.7834	37.4534	18.6676	1
q21511753	CPSF2;NOLIFB1	0.2136005	0.909791	1.076204	1.076204	0.1579209	1.141	1.141	0.1737675	1.35607	1.35607	0.7617645	0.9384988	-1.06553	0.5193287	0.8825021	-1.13314	0.2762174	0.786324	-1.27152	0.6224869	0.940299	-1.06374	0.0153147	0.2975507	0.7908534	-1.26455	0.7613861	1.1004	1.1004	1.78338	1.22822	0.6321119	1
q24331786	TIMP2	0.2136007	0.0933714	2.44586	2.44586	0.3100665	1.66369	1.66369	0.853275	0.9153377	-1.09245	0.1237272	2.24306	2.24306	0.266567	1.90713	1.90713	0.1149414	2.11513	2.11513	0.0199903	3.89874	3.89874	0.258556	1.76985	1.76985	0.259245	1.76896	1.76896	1.78338	6.63349	3.30633	1
q03187614	TRIM10;TRIM10	0.21361	0.336028	0.3554422	-2.81355	0.0372322	0.0803226	-12.4498	0.6906658	0.6589955	-1.51576	0.147867	0.198105	-5.04784	0.162151	0.210897	-4.74166	0.0825494	0.134641	-7.42718	0.0561872	0.1048558	-9.53673	0.18211	0.228368	-4.37889	0.1640095	0.212617	-4.70328	1.78336	30.7134	15.3086	1
q21362112	SPAG1;SPAG1	0.2136012	0.9099707	1.076204	1.076204	0.1579209	1.141	1.141	0.1737675	1.35607	1.35607	0.7617645	0.9384988	-1.06553	0.5193287	0.8825021	-1.13314	0.2762174	0.786324	-1.27152	0.6224869	0.940299	-1.06374	0.0153147	0.2975507	0.7908534	-1.26455	0.7613861	1.1004	1.1004	1.78338	1.22822	0.6321119	1
q21203781	NRXN1;NRXN1	0.2136012	0.22159	0.52268	-1.91322	0.4216554	1.51364	1.51364	0.179521	2.0543	2.0543	0.228537	1.88304	1.88304	0.321316	0.596056	-1.6777	0.6081634	0.770175	-1.29841	0.286834	0.572062	-1.74806	?	?	?	0.0804836	2.66185	2.66185	1.79159	0.43178	3.58991	1
q27410554	CLSPN	0.2136013	0.227993	1.443004	2.81355	0.0372322	1.04811	1.04811	0.6857919	1.12226	1.12226	0.864684	-1.14218	0.6409206	0.503426	1.08581	1.08581	0.1145778	1.6578	1.6578	0.1438358	1.63183	1.63183	-1.63449	0.7347777	0.9046095	1.10956	0.157224	0.628726	1.59052	1.78349	2.65846	1.32497	1
q23355525	TRIM27	0.2136014	0.0291086	0.279398	-3.57912	0.727157	0.840452	-1.18984	0.84056	0.9048881	-1.10552	0.81789	1.12126	1.12126	0.850322	0.9105518	-1.09828	0.2455532	0.3407099	-2.93506	0.920743	1.03562	1.03562	0.3101227	0.5938441	-1.68395	0.0535621	0.336936	-2.96792	1.78335	6.95451	3.46639	1
q04280209	SV2A	0.2136014	0.0423852	0.547939	-1.82529	0.6540427	0.9227	1.0247	1.052472	0.6882441	1.36411	0.8917065	1.116556	1.116556	0.1129	0.6024101	-1.66001	0.4122274	0.523898	-1.90837	0.2477507	0.1903535	1.73803	1.73803	0.0796747	0.5747474	-1.74012	0.3974137	0.6434746	-2.30019	1.78334	16.7964	8.37198	1
q06712103	MAPK1IP1L	0.2136017	0.542397	1.14787	1.14787	0.492742	0.8553753	-1.16859	0.1074497	0.6735439	0.723382	1.3824	0.7784574	0.719856	-1.38917	0.3972119	0.823768	-1.21393	0.9525571	0.979321	-1.02112	0.624709	0.8950603	-1.11657	0.229651	0.7543161	0.754361	-1.32563	1.78333	4.12157	2.04086	1
q14437606	DNAJC5B	0.2136022	0.0650318	0.622491	-1.60645	0.385983	1.2255	1.2255	0.785539	0.9395	-1.0644	0.764806	0.9336513	-1.07106	0.108616	1.49247	1.49247	0.3427247	1.25064	1.25064	0.0649736	1.60665	1.60665	0.366642	1.23641	1.23641	0.956207	0.987514	-1.01264	1.78331	1.47865	0.73703	1
q27392640	PIGG;PIGG	0.2136023	0.5388562	0.8134473	-1.22937	0.7977716	1.31616	1.31616	0.1837753	-1.22887	0.156614	0.7803863	-1.28205	0.4511727	0.7143207	-1.39985	0.5563133	1.2051	1.2051	0.1422997	0.4532004	-2.20615	0.1308184	1.69381	1.69381	0.0127941	1.14229	1.14229	0.0904437	1.09627	1.10377	1.78344	0.7274	0.38546	1
q18365865	ZNF492	0.2136024	0.1270904	0.555892	-1.79891	0.5868	1.24738	1.24738	0.325987	0.6646391	-1.50458	0.756362	1.13356	1.13356	0.100322	0.484234	2.06512	0.1133423	0.499521	-2.00192	0.165629	0.551225	1.81414	0.439195	0.7277744	-1.37411	0.2149449	1.96667	1.96667	1.7833	4.58272	2.28426	1
q05963618	ADRA1B	0.2136026	0.2851332	0.772281	-1.29486	0.3090039	0.9162576	-1.27767	0.4367731	1.2028	1.2028	0.917188	0.9818323	-1.01851	0.535151	0.862991	-1.15742	0.1541449	0.7071134	-1.41429	0.3210647	0.5166082	-1.93575	0.7707014	1.0706	1.0706	0.298579	1.28503	1.28503	1.78329	1.53007	0.762671	1
q12120147	ABCB10	0.2136027	0.9979992	1.015168	1.015168	0.911079	1.164564	1.164564	0.2511497	1.040454	1.040454	0.8800013	-1.13635	0.3119385	0.8017799	-1.24409	0.07701917	0.7698823	-1.299	0.2747311	1.16921	1.16921	0.2171281	1.16921	1.16921	0.1126505	1.16505	1.16505	1.7832	1.8222311	-1.21608	1.78328	0.4717142	0.2351313	1
q05168215	KIF3C;KIF3C	0.2136033	0.975888	0.9917552	-1.00832	0.161857	0.664082	-1.50584	0.969012	1.0107	1.0107	0.262719	0.726141	-1.37714	0.792362	1.09706	1.09706	0.0766283	0.582913	-1.71552	0.028133	0.3203133	0.491891	-2.03297	0.758326	1.08826	1.08826	0.1113558	0.621715	-1.60845	1.78326	2.12113	1.0573	1
q26562141	CTBP2;CTBP2	0.2136034	0.2215043	0.5999	-1.66722	0.3783693	0.6819915	-1.46309	0.1670404	0.7567961	-1.32136	0.2149456	0.8928644	-1.11999	0.6428825	0.9944222	-1.00562	0.5905	0.918867	-1.0883	0.2277182	1.22237	1.22237	0.4611883	0.9249881	-1.0811	0.3075536	0.8495959	-1.18269	1.78324	3.0978374	1.5478938	1
q03421743	LIN54;LIN54;LIN54 CCNA1;CCNA1;CCNA1;CCNA1;CCNA1;C	0.2136041	0.1614552	0.614106	-1.62838	0.1844825	1.58247	1.58247	0.877574	1.05155	1.05155	0.989551	0.995739	-1.00428	0.235437	0.666674	1.49998	0.5375911	0.815843	-1.22573	0.0284532	2.32372	2.32372	0.976373	1.0097	1.0097	0.363647	1.35583	1.35583	1.78323	1.00278	1.4968	1
q13060997	CNA1	0.2136044	0.23604	0.765324	-1.30664	0.236482	1.30627	1.30627	0.10445	1.46564	1.46564	0.648735	1.18091	1.18091	0.9027551	0.67138	1.48947	0.3325598	1.24022	1.24022	0.26149	0.7556585	-1.3233	0.47268	0.854423	-1.17038	0.7265514	0.927154	-1.07857	1.78321	1.33028	0.653145	1
q04497684	SRGAP3;SRGAP3	0.2136045	0.2818714	0.41742	-2.39567	0.25904	2.50905	2.50905	0.542299	1.61908	1.61908	0.346416	0.468849	-2.13288	0.248652	0.389823	-2.56527	0.3061954	0.437086	-2.28788	0.0182685	0.10668	-9.37386	0.948621	1.05163	1.05163	0.30912	0.439424	-2.2757	1.78321	17.2359	8.59171	1
q04245898	RS1RP	0.2136047	0.9763671	1.023496	1.023496	0.7977716	1.31616	1.31616	0.1837753	-1.22887	0.156614	0.7803863	-1.28205	0.4511727	0.7143207	-1.39985	0.5563133	1.2051	1.2051	0.1422997	0.4532004	-2.20615	0.1308184	1.69381	1.69381	0.0127941	1.14229	1.14229	0.0904437	1.09627	1.10377	1.78344	0.7274	0.38546	1
q26464892	RBM38;RBM38	0.2136048	0.323725	0.846182	-1.18178	0.683904	1.06938	1.06938	0.395373	0.8670615	-1.15332	0.681953	0.9347007	-1.06985	0.232418	0.814472	-1.22779	0.767186	1.04986	1.04986	0.00705828	0.5651811	-1.76935	0.92139	0.985174	-1.01505	0.5200811	0.898662	-1.11277	1.7832	0.7584413	0.3780554	1
q19619432	C1QTNF2	0.2136048	0.0799477	2.16756	2.16756	0.465385	0.743927	-1.34422	0.841073	0.923171	-1.08322	0.423411	1.38479	1.38479	0.136392	0.527854	-1.89446	0.6303	0.824413	-1.21298	0.313729	0.660433	-1.51416	0.593916	0.8071126	-1.23896	0.0635701	0.229452	2.29452	1.78319	4.47739	2.2319	1
q23837897	CKI11	0.213649	0.160042	1.28608	1.28608	0.148187	1.30242	1.30242	0.130737	1.32046	1.32046	0.461464	0.880109	-1.13622	0.716861	1.06401	1.06401	0.580189	1.00424	1.00424	0.0714526	1.30759	1.30759	0.4092626	0.614866	1.09026	1.09026	0.152471	1.29832	1.29832	1.78319	0.819493	0.408503	1
q21249157	PHLDB3	0.2136053	0.0905501	0.4626	-2.16203	0.3454247	1.8599	1.8599	0.1149	0.6439453	0.6722557	-1.48753	0.6402108	1.13023	1.13023	0.8974	1.11441	0.2599452	0.4626	-2.16203	0.3454247	1.8599	1.8599	0.1149	0.6439453	0.6722557	-1.48753	0.6402108	1.13023	1.13023	0.8974	1.11441

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1111 057 vs. N)	Fold-Change(1111 057 vs. N)	p-value(1117 117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 127 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 537 vs. N)	Fold-Change(5377 537 vs. N)	p-value(5637 637 vs. N)	Fold-Change(5637 637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg23120581	RUNX1;RUNX1	0.213383	0.684129	0.888557	-1.12542	1.254239	0.700537	-1.42748	0.39009	0.768524	-1.3012	0.870805	1.04628	1.046428	0.00872434	1.368253	-2.71552	0.153845	1.21298	0.644205	0.871685	-1.1472	1.78237	2.52285	1.25817	1
cg17163839	RRM1	0.213838	0.611429	0.912056	-1.00642	0.552486	0.897649	-1.11402	0.542398	0.89512	-1.11717	0.433807	0.86632	-1.15431	0.9984	1.00036	1.00036		0.21621	1.26343	1.26343	0.0113133	0.56558	-1.7681	0.435708	1.1536	1.1536	0.448382	0.807386	-1.14892	0.782434	0.911297	0.454481	1
cg13978447	HCCA2;LOC402778	0.213839	0.291461	1.49197	1.49197	0.6751511	0.472397	-2.11686	0.107111	0.525766	-1.90199	0.369415	1.40064	1.40064	0.0884962	1.98752	1.98752		0.931754	1.0318	1.0318	0.607673	1.20837	1.20837	0.973423	0.987897	-1.01225	0.483727	1.29711	1.29711	0.78234	3.77122	1.88079	1
cg09337453	SFRP5	0.213841	0.375351	0.916828	-1.09072	0.350301	1.37875	1.37875	0.164978	0.609636	-1.64032	0.537716	0.831812	-1.23181	0.75948	1.10805	1.10805		1.26724	1.47133	1.47133	0.0232759	0.404125	-2.47448	0.302777	1.42854	1.42854	0.704644	1.13553	1.13553	1.78233	3.15115	1.57155	1
cg05602746	LDNRF2	0.213845	0.975543	1.01048	1.01048	0.155274	1.67745	1.67745	0.127405	1.72824	1.05614	1.05614	0.0228205	2.5259	2.5259	0.275125	0.679637	-1.47137	0.555333	1.24496	1.24496	0.226575	0.649302	-1.54012	0.883594	0.951389	-1.05109	0.28359	1.46072	1.46072	1.78231	3.2658	1.62874	1
cg12042503	CKB	0.213845	0.322115	0.797393	-1.25409	0.287101	1.2772	1.2772	0.734741	1.07818	1.07818	0.476244	1.17369	1.17369	0.42378	0.834574	-1.19822		0.501175	1.16314	1.16314	0.017571	0.527516	-1.89568	0.692836	0.915187	-1.09186	0.310966	1.26118	1.26118	1.78231	3.38039	1.68786	1
cg05038396	PTCD3;SNORD94	0.21385	0.813527	1.15266	1.15266	0.6999339	0.295707	-3.38173	0.358028	0.566496	-1.76524	0.221647	2.16485	2.16485	0.598402	0.726469	-1.37652		0.60808	1.36477	1.36477	0.384481	1.70936	1.70936	0.07113077	3.35716	3.35716	0.193365	2.28767	2.28767	1.78229	10.204	5.08906	1
cg22790252	C1orf230	0.213851	0.408403	0.524999	-1.90477	0.248144	0.782881	1.27733	0.7463261	1.07268	1.28768	0.556191	1.57273	1.57273	0.589713	1.512911	1.512911		0.08003754	1.00837	1.00837	0.0068473	0.854529	-1.17024	0.990975	1.00863	1.00863	0.657844	1.4033	1.4033	1.85435	16.5807	6.9545	1
cg09774696	OZZ3	0.213857	0.394865	0.720401	-1.38851	0.220379	1.62334	1.62334	0.150373	0.559804	-1.78634	0.536992	0.701501	1.42581	0.38658	0.757903	-1.31975		0.928399	1.0344	1.0344	0.327866	1.42623	-1.76153	0.170132	1.73197	1.73197	0.464812	0.755811	-1.32328	1.78226	3.99773	1.99384	1
cg05734176	RAB20	0.21386	0.895166	0.977494	-1.02302	0.533203	1.11513	1.11513	0.0281183	0.639058	-1.5648	0.588934	1.09878	1.09878	0.849472	1.03335	1.03335		0.598664	0.912445	-1.09596	0.0336471	0.615539	-1.53483	0.748217	0.94591	-1.05758	0.510589	1.12213	1.12213	1.78225	0.84151	0.419699	1
cg04760261	RPS11;SNORD35B	0.213862	0.577619	1.13099	1.13099	0.4512	0.53115	1.53115	0.0703845	0.588033	-1.70154	0.589307	1.19354	1.19354	0.0830133	1.19307	1.19307		0.640284	1.33929	1.33929	0.2479235	0.871263	-1.08787	0.773525	0.940301	-1.06377	0.922626	1.01988	1.01988	1.09411	1.76122	0.79658	1
cg24269600	TUBA1C	0.213862	0.937019	1.0169	1.0169	0.138185	0.712836	-1.40285	0.114259	0.594628	-1.43951	0.614908	0.898015	-1.11357	0.0203173	0.552548	1.8098		0.144816	1.717424	-1.39388	0.900455	1.02689	1.02689	0.156464	1.13443	1.13443	0.309355	0.8000441	-1.24994	1.78224	1.26932	0.633071	1
cg03226872	BLCAP;BLCAP;BLCAP;BLCAP;BLCAP	0.213866	0.342736	0.871546	-1.14739	0.0177585	3.39098	3.33098	0.0576019	2.45043	2.45043	0.444952	1.34477	1.34477	0.518618	0.760981	-1.31409		0.626015	1.22754	1.22754	0.54877	0.77627	-1.28821	0.797802	0.898429	-1.11305	0.989149	1.00569	1.00569	1.78222	4.91809	2.45291	1
cg25306087	OTOP2;USH1G	0.213869	0.945234	1.03493	1.03493	0.565697	1.3367	1.3367	0.16479	0.613679	1.28503	1.28503	0.903279	0.941049	-1.06264	?			0.303648	0.587142	-1.70317	?			0.00223403	3.9284	3.9284	0.136353	2.23026	2.23026	1.8002	5.5394	3.51669	1
cg24015522	C4orf10;NOP14	0.213871	0.257782	0.466917	-2.14171	0.389503	0.504209	2.30927	0.193747	0.638475	0.736978	-1.35689	0.570705	0.249463	-4.0086				0.0560548	0.247667	-4.03768	0.885067	0.910938	-1.09777	0.7221	1.20598	1.20598	0.153265	0.37297	-2.68118	1.7822	11.7401	5.85547	1
cg14120215	SOLSDS	0.213872	0.0818093	2.29958	-1.33801	0.0850516	0.304775	-3.2876	0.320953	0.526797	-1.89826	0.215136	0.442403	-2.26038	0.119157	0.364474	-2.74307		0.276708	0.493121	-2.0279	0.0405822	0.228684	-4.37285	0.0676149	0.278112	-3.59567	0.277577	0.402945	-2.48172	1.7822	3.26114	1.62809	1
cg20781967	NIN2;NINJ2	0.213874	0.106494	0.384459	-2.60106	0.0743173	0.340116	-2.94017	0.0452923	0.287806	-3.47456	0.683982	0.80096	-1.2485	0.0487032	0.29493	-3.39064		0.352539	0.595212	-1.68007	0.150255	0.433282	-2.30797	0.178062	0.460188	-2.17302	0.601602	0.751494	-1.33068	0.78219	8.30221	4.14084	1
cg07711854	NIPC1	0.213877	0.708128	0.869776	-1.1497	0.0217255	0.559025	-2.77909	0.0917878	0.605069	-1.65271	0.975175	1.01161	1.01161	0.349122	0.699363	-1.42987		0.159766	0.572754	-1.74595	0.132479	0.542563	-1.84311	0.05096568	0.438334	-2.28136	0.539828	0.79015	-1.26558	1.78217	3.88477	1.9376	1
cg10520594	NTSC	0.213878	0.0874535	0.560229	-1.89779	0.0523523	0.722514	-1.38406	0.0452832	0.598427	-1.67128	0.559467	0.825618	-1.21121	0.0865867	0.251483	-3.97587		0.376007	0.734535	-1.36141	0.0144981	0.359038	-2.78522	0.72691	0.887751	-1.12644	0.722121	1.12802	1.12802	1.78217	1.92487	1.62343	1
cg16370856	GPBP1;GPBP1	0.213882	0.109845	0.710161	-1.40813	0.490818	1.14732	1.14732	0.198904	1.30549	1.30549	0.730961	1.07013	1.07013	0.267746	0.797156	-1.25446		0.412032	0.848142	-1.17905	0.155309	1.34798	1.34798	0.106292	1.4139	1.4139	0.418949	0.850292	-1.17607	1.78215	1.08841	0.542872	1
cg08327581	RAVER1	0.213883	0.331632	0.845674	-1.20703	0.180518	0.347097	1.88404	0.0158462	0.748127	1.28462	0.440422	-2.27053	0.0811725	0.209945	1.467622	0.0334406	0.157375	-6.35424		0.09018	0.249177	-4.0131	0.0597269	0.207547	-4.81981	0.752919	0.76959	-1.29939	0.256684	0.414388	2.4132	1.78214	1.65288	0.79528	1
cg07417666	CRADD	0.213888	0.311925	0.820522	-1.21874	0.634698	0.913464	-1.09473	0.287498	1.23224	1.23224	0.872438	1.14735	1.14735	0.981982	0.997744	-1.00257		0.209087	1.28451	1.28451	0.0298808	1.62178	1.62178	0.147406	0.745302	-1.34174	0.723721	1.06942	1.06942	1.78212	1.0093	0.503418	1
cg09450183	CA12;CA12	0.213894	0.2105	0.688145	-1.45346	0.178187	0.822316	-1.21627	0.0814477	0.839033	1.03185	1.032229	1.03185	1.032229	0.8732	1.1374	0.3496825	0.009704	2.29885	2.294566	1.1243	0.0896516	1.11543	1.11543	0.009355	0.8000441	-1.24994	1.78224	1.26932	0.633071	1
cg04435377	ZDHHC8P	0.213895	0.897818	-0.96521	-1.03614	0.0862027	0.592239	-1.68851	0.632744	1.14229	1.14229	0.788373	1.07718	1.07718	0.159774	0.66028	-1.51451		0.368504	1.29076	1.29076	0.167817	1.50112	1.50112	0.119264	0.644222	-1.55226	0.13795	0.643135	-1.55488	1.78209	2.15514	1.07496	1
cg10136131	CNIH2	0.213897	0.260172	0.700877	-1.42678	0.84369	0.942009	-1.06156	0.0903663	1.76018	1.76018	0.679876	1.13379	1.13379	0.341722	0.743225	-1.34549		0.136325	0.615265	-1.62532	0.0771502	0.551731	-1.81248	0.730082	0.900496	-1.1105	0.257537	1.42984	1.42984	1.78208	2.58469	1.28922	1
cg24287289	FANCA;FANCA	0.213905	0.583105	0.837059	-1.23316	0.178187	0.822316	-1.21627	0.0814477	0.839033	1.03185	1.032229	1.03185	1.032229	0.8732	1.1374	0.3496825	0.009704	0.111221	1.90056	-1.90056	0.0116248	0.259216	1.85816	0.0298372	0.889973	-1.11144	0.526333	1.14376	1.78207	1.24273	0.624984	1
cg00923919	HPS4;SRD	0.213905	0.118834	0.723648	-1.38189	0.256155	0.798453	-1.25242	0.104003	1.40496	1.40496	0.961164	0.771003	-1.29701	0.221327	0.783187	-1.27683		0.197375	0.771615	-1.29598	0.660733	1.08697	1.08697	0.182952	0.76412	-1.3087	0.57303	1.1136	1.1136	1.85408	1.02297	0.429132	1
cg13855897	NFE2L3	0.213909	0.450653	0.915121	-1.09292	0.0184413	1.78217	1.78217	0.0631332	2.8005	2.8005	0.60139	1.03376	1.03376	0.0111061	0.941323	1.0523	1.0523	0.880852	1.00249	-1.00251	0.513286	0.631108	-1.58401	0.0509668	0.438334	-2.28136	0.539828	0.79015	-1.26558	1.78217	3.88477	1.9376	1
cg10846980	EMX2;EMX2;EMX2OS	0.213912	0.039197	2.04962	-4.87895	0.104709	0.307958	-3.24719	0.144695	0.353278	-2.83063	0.276825	0.417376	-2.11965	0.148757	0.335751	-2.79713		0.318956	0.504543	-1.98159	0.0592182	0.242997	-4.11527	0.209039	0.414987	-2.40971	0.0110143	0.303876	3.29082	1.78201	12.4507	6.21053	1
cg00210768	MAP2K3;MAP2K3	0.213923	0.291729	0.550636	-1.81608	0.553303	1.38692	1.38692	0.0913833	2.75657	2.75657	0.57896	1.35761	1.35761	0.0437804	0.282511	-3.53968		0.827604	0.887847	-1.12632	0.91584	0.949376	-1.05935	0.167591	0.44831	-2.2306	0.282815	0.544069	-1.838	1.78197	8.39571	4.18799	1
cg10105122	SRSF3	0.213923	0.785384	0.94276	-1.06035	0.37422	0.204632	-4.75402	0.0920912	0.466705	-2.80343	0.237927	0.66728	-1.49852	0.0357417	0.266206	-3.75647		0.0125684	36.7052	-36.7052	0.188093	0.0357417	-27.9785	0.609057	0.504373	-1.98266	0.178796	36.2793	1.78196	3.08548	-1.82345	0.561094	0.504373	-1.98266	0.178796	36.2793	1.78196	3.10948	1
cg22136380	TAAR2;TAAR2	0.213925	0.852419	0.950203	-1.05241	0.116543	0.626414	-1.59639	0.0918064	0.601024	-1.66383	0.347875	1.30356	1.30356	0.843309	0.947666	-1.05578		0.960304	1.01375	1.01375	0.0105946	1.83924	1.83924	0.347156	0.915099	-1.09278	0.252179	0.720301	-1.38831	1.78196	2.12319	1.05911	1
cg04701420	S1PR1	0.213927	0.840031	0.966633	-1.03463	0.0373683	0.486	-2.05747	0.0498486	0.618353	-1.61693	0.344129	0.837242	-1.19453	0.0362953	0.245015	0.2089	0.050466	0.2154446	4.6408	-4.6408	0.0188142	0.24883	-4.01933	0.0129577	0.179568	1.14118	1.44118	1.78193	1.84231	0.215488	1.44118	1.78193	1.84231	0.215488	1
cg15851800	PRRC1;PRRC1	0.213933	0.362487	0.866979	-1.15343	0.286533	1.18386	1.18386	0.0561249	1.39085	1.39085	0.52673	1.10276	1.10276	0.518536	0.905004	1.10497		0.480787	0.896465	-1.11549	0.582327	1.0884	1.0884	0.240809	1.20596	1.20596	0.0429813	1.42644	1.42644	1.78192	1.6563	0.656383	1
cg25898076	GPR133	0.21394	0.359625	0.754921	-1.32464	0.431599	0.786951	-1.27073	0.00968544	0.376448	-2.65641	0.542976	0.832106	-1.20177	0.953439	0.982722	-1.01758		0.761578	0.91317	-1.09509	0.142547	0.624696	-1.60078	0.203635	0.66998	-1.49258	0.124155	0.608365	-1.64375	1.78189	2.51441	1.2543	1
cg08385489	KRT8	0.213949	0.380913	0.844552	-1.18403	0.178187	0.822316	-1.21627	0.0814477	0.839033	1.03185	1.032229	1.03185	1.032229	0.8732	1.1374	0.3496825	0.009704	0.801177	1.440278	-1.44027	0.372701	0.105252	1.82356	0.0298372	0.889973	-1.11144	0.526333	1.14376	1.78187	1.24273	0.624984	1
cg26004235	KIAA1949;NRM;KIAA1949	0.213952	0.501834	1.24488	1.24488	0.0396543	0.465573	-2.14789	0.155587	1.6295	1.6295	0.491709	1.25159	1.25159	0.781504	1.09346	1.09346		0.1334	0.594379	-1.68243	0.472131	0.790558	-1.26493	0.779634	1.09432	1.09432	0.216253	0.658258	-1.51916	0.76184	2.91406	1.45371	1
cg22103831	PCHH17	0.213989	0.1664403	0.6203	-1.61187	0.561624	0.147457	-6.78135	0.0202	0.302401	-3.30745	0.0248977	0.502492	-1.99008	0.0139063	0.724807	-1.37951	0.560531	0.807904	-1.23777	0.41296	2.4217	-2.4217	0.0202	-1.35356	0.163356	0.63888	-1.56581	0.0906641	1.00429	1.00429	1.00429	0.0906641	1.00429	1.00429	1.00429	1.78187	1.87851	1
cg12692753	MINPP1	0.213995	0.154703	0.306517	-3.26246	0.263748	0.437678	2.34768	0.638216	1.4394	1.4394	0.725905	1.31069	1.31069	1.31069	?	?		0.945006	0.948384	-1.05442	0.792204	1.82346	1.82346	0.223966	0.118993	-8.40384	1.8611	15.1366	7.7165	1
cg07154063	CHN1;CHN1	0.213958	0.53249	1.15772	1.15772	0.1928	0.726678	-1.37612	0.624801	1.12095	1.12095	0.752828	1.07602	1.07602	0.330834	1.26165	1.26165		0.0579611	1.64291	1.64291	0.0243282	1.86211	1.86211	0.862526	0.960648	-1.04096	0.676732	1.102	1.102	1.78181	1.51416	0.755369	1
cg16388879	ZMYND11;ZMYND11;ZMYND11	0.213962	0.931199	1.01923	1.01923	0.0109329	0.490941	-2.04732	0.0121599	0.383739	-2.60637	0.571574	0.833086	-1.20027	0.0133486	0.256955	-3.89202		0.467874	0.849684	-1.17691	0.274394	0.615526	-1.62453	0.0844106	0.635625	1.57334	0.0704853	0.913853	-1.09427	0.178779	1.07234	0.684625	1
cg01025891	TAFE;TAFE;TAFE;CNPY4;TAFE	0.213964	0.348359	0.814777	-1.22328	0.296075	0.25377	-3.9397	0.0226298	1.7678	1.7678	0.660924	1.09651	1.09651	0.398807	0.835009	-1.19759		0.80675	0.950128	-1.05249	0.937398	0.983737	-1.01653	0.188773	0.702264	-1.42397	0.72172	0.928069	-1.07751	1.78178	1.22955	0.613393	1
cg21045547	C20orf117;C20orf117	0.213965	0.0818093	2.29958	-1.33801	0.0850516	0.304775	-3.2876	0.320953	0.526797	-1.89826	0.215136	0.442403	-2.26038	0.119157	0.364474	-2.74307		0.276708	0.493121	-2.0279	0.0405822	0.228684	-4.37285	0.0676149	0.278112	-3.59567	0.277577	0.402945	-2.48172	1.7822	3.26114	1.62809	1
cg02913919	HPS4;SRD	0.213965	0.118834	0.723648	-1.38189	0.256155	0.798453	-1.25242	0.104003	1.40496	1.40496	0.961164	0.771003	-1.29701	0.221327	0.783187	-1.27683		0.197375	0.771615	-1.29598	0.660733	1.08697	1.08697	0.182952	0.76412	-1.3087	0.57303	1.1136	1.1136	1.85408	1.02297	0.429132	1
cg13855897	NFE2L3	0.213969	0.450653	0.915121	-1.09292	0.0184413	1.78217	1.78217	0.0631332	2.8005	2.8005	0.60139	1.03376	1.03376	0.0111061	0.941323	1.0523	1.0523	0.880852	1.00249	-1.00251	0.513286	0.631108	-1.58401	0.0509668	0.438334	-2.28136	0.539828	0.79015	-1.26558	1.78217	3.88477	1.9376	1
cg10846980	EMX2;EMX2;EMX2OS	0.213972	0.039197	2.04962	-4.87895	0.104709	0.307958	-3.24719	0.144695	0.353278	-2.83063	0.276825	0.417376	-2.11965	0.148757	0.335751	-2.79713		0.318956	0.504543	-1.98159	0.0592182	0.242997	-4.11527	0.209039	0.414987	-2.40971	0.0110143	0.303876	3.29082	1.78201	12.4507	6.21053	1
cg00210768	MAP2K3;MAP2K3	0.213973	0.291729	0.550636	-1.81608	0.553303	1.38692	1.38692	0.0913833	2.75657	2.75657	0.57896	1.35761	1.35761	0.0437804	0.282511	-3.53968		0.827604	0.887847	-1.12632	0.91584	0.949376	-1.05935	0.167591	0.44831	-2.2306	0.282815	0.544069	-1.838	1.78197	8.39571	4.18799	1
cg10105122	SRSF3	0.213974	0.785384	0.94276	-1.06035	0.37422	0.204632	-4.75402	0.0920912	0.466705	-2.80343	0.237927	0.66728	-1.49852	0.0357417	0.266206	-3.75647		0.0125684	36.7052	-36.7052	0.188093	0.0357417	-27.9785	0.609057	0.504373	-1.98266	0.178796	36.2793	1.78196	3.08548	-1.82345	0.561094	0.504373	-1.98266	0.178796	36.2793	1.78196	3.10948	1
cg22136380	TAAR2;TAAR2	0.213975	0.852419	0.950203	-1.05241	0.116543	0.626414	-1.59639	0.0918064	0.601024	-1.66383	0.347875	1.30356	1.30356	0.843309	0.947666	-1.05578		0.960304	1.01375	1.01375	0.0105946	1.83924	1.83924	0.347156	0.915099	-1.09278	0.252179	0.720301	-1.38831	1.78196	2.12319	1.05911	1
cg04701420	S1PR1	0.213977	0.840031	0.966633	-1.03463	0.0373683	0.486	-2.05747	0.0498486	0.618353	-1.61693	0.344129	0.837242	-1.19453	0.0362953	0.245015	0.2089	0.050466	0.2154446	4.6408	-4.6408	0.0188142	0.24883	-4.01933	0.0129577	0.179568	1.14118	1.44118	1.78193	1.84231	0.215488	1.44118	1.78193	1.84231	0.215488	1
cg15851800	PRRC1;PRRC1	0.213993	0.362487	0.866979	-1.15343	0.286533	1.18386	1.18386	0.0561249	1.39085	1.39085	0.52673	1.10276	1.10276	0.518536	0.905004	1.10497		0.480787	0.896465	-1.11549	0.582327	1.0884	1.0884	0.240809	1.20596	1.20596	0.0429813	1.42644	1.42644	1.78192	1.6563	0.656383	1
cg25898076	GPR133	0.213994	0.359625	0.754921	-1.32464	0.431599	0.786951	-1.27073	0.00968544	0.376448	-2.65641	0.542976	0.832106	-1.20177	0.953439	0.982722	-1.01758		0.761578	0.91317	-1.09509	0.142547	0.624696	-1.60078	0.203635	0.66998	-1.49258	0.124155	0.608365	-1.64375	1.78189	2.51441	1.2543	1
cg08385489	KRT8	0.213994	0.380913	0.844552	-1.18403	0.178187	0.822316	-1.21627	0.0814477	0.839033	1.03185	1.032229	1.03185	1.032229	0.8732	1.1374	0.3496825	0.009704	0.801177	1.440278	-1.44027	0.372701	0.105252	1.82356	0.0298372	0.889973	-1.11144	0.526333	1.14376	1.78187	1.24273	0.624984	1
cg26004235	KIAA1949;NRM;KIAA1949	0.213994	0.501834	1.24488	1.24488	0.0396543	0.465573	-2.14789	0.155587	1.6295	1.6295	0.491709	1.25159	1.25159	0.781504	1.09346	1.09346		0.1334	0.594379	-1.68243	0.472131	0.790558	-1.26493	0.779634	1.09432	1.09432	0.216253	0.658258	-1.51916	0.76184	2.91406	1.45371	1
cg22103831	PCHH17	0.213997	0.1664403	0.6203	-1.61187	0.561624	0.147457	-6.78135	0.0202	0.302401	-3.30745	0.0248977	0.502492	-1.99008	0.0139063	0.724807	-1.37951	0.560531	0.807904	-1.23777	0.41296	2.4217	-2.4217	0.0202	-1.35356	0.163356	0.63888	-1.56581	0.0906641	1.00429	1.00429	1.00429	0.0906641	1.00429	1.00429	1.00429	1.78187	1.87851	1
cg12692753	MINPP1	0.214003	0.154703	0.306517	-3.26246	0.263748	0.437678	2.34768	0.638216	1.4394	1.4394	0.725905	1.31069	1.31069	?	?	?		0.945006	0.948384	-1.05442	0.792204	1.82346	1.82346	0.223966	0.118993	-8.40384	1.8611	15.1366	7.7165	1
cg07154063	CHN1;CHN1	0.214004	0.53249	1.15772	1.15772	0.1928	0.726678	-1.37612	0.624801	1.12095	1.12095	0.752828	1.07602	1.07602	0.330834	1.26165	1.26165		0.0579611	1.64291	1.64291	0.0243282	1.86211	1.86211	0.862526	0.960648	-1.04096	0.676732	1.102	1.102	1.78181	1.51416	0.755369	1
cg16388879	ZMYND11;ZMYND11;ZMYND11	0.214005	0.931199	1.01923	1.01923	0.0109329	0.490941	-2.04732	0.0121599	0.383739	-2.60637	0.571574	0.833086	-1.20027	0.0133486	0.256955	-3.89202		0.467874	0.849684	-1.17691	0.274394	0.615526	-1.62453	0.0844106	0.635625	1.57334	0.0704853	0.913853	-1.09427	0.178779	1.07234	0.684625	1
cg01025891	TAFE;TAFE;TAFE;CNPY4;TAFE	0.214007	0.348359	0.814777	-1.22328	0.296075	0.25377	-3.9397	0.0226298	1.7678	1.7678	0.660924	1.09651	1.09651	0.398807	0.835009	-1.19759		0.80675	0.950128	-1.05249	0.937398	0.983737	-1.01653	0.188773	0.702264	-1.42397	0.72172	0.928069	-1.07751	1.78178	1.22955	0.613393	1
cg21045547	C20orf117;C20orf117	0.214008	0.0818093	2.29958	-1.33801	0.0850516	0.304775	-3.2876	0.320953	0.526797	-1.89826	0.215136	0.442403	-2.26038	0.119157	0.364474	-2.74307		0.276708	0.493121	-2.0279	0.0405822	0.228684	-4.37285	0.0676149	0.278112	-3.59567	0.277577	0.402945	-2.48172	1.7822	3.26114	1.62809	1
cg02913919	HPS4;SRD	0.214009	0.118834	0.723648	-1.38189	0.256155	0.798453	-1.25242	0.104003	1.40496	1.40496	0.961164	0.771003	-1.29701	0.221327	0.783187	-1.27683		0.197375	0.771615	-1.29598	0.660733	1.08697	1.08697	0.182952	0.76412	-1.3087	0.57303	1.1136	1.1136	1.85408	1.02297	0.429132	1
cg13855897	NFE2L3	0.214009	0.450653	0.915121	-1.09292	0.0184413	1.78217	1.78217	0.0631332	2.8005	2.8005	0.60139	1.03376	1.03376	0.0111061	0.941323	1.0523	1.0523	0.880852	1.00249	-1.00251	0.513286	0.631108

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111R 057 vs. N)	Fold-Change(111R vs. N)	p-value(111T vs. N)	Fold-Change(111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T 477 vs. N)	p-value(353W vs. N)	Fold-Change(353W 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 537 vs. N)	p-value(563T 37T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg13080927	ABCF2	0.214224	0.281867	0.739135	-1.85827	0.6443733	0.278188	-1.59469	0.13427	0.40873	2.4466	0.608371	0.750997	-1.33156	0.2862294	0.541431	-1.84696	0.270328	0.529439	-1.88879	0.0857453	0.349163	-2.8961	0.0642	0.235642	-4.24373	0.6449141	0.775981	-1.28869	1.78063	8.6576	4.32188	1
cg14180696	LRRC15;LRRC15	0.214229	0.100841	0.432269	-2.31337	0.3404666	0.158168	1.58168	0.80624	1.12153	1.62153	0.896306	0.940959	-1.06275	0.157241	0.493643	-2.02575	0.0943701	0.423917	-2.35895	0.206978	0.537343	-1.86101	0.149691	0.486328	-2.05623	0.0779453	0.400846	-2.49472	1.7806	6.14267	3.06646	1
cg27516652	RPE65	0.214237	0.472855	0.823675	-1.21407	0.229439	0.715304	-1.39801	0.507966	0.836578	-1.19535	0.356149	0.777122	-1.2868	0.0788843	0.595462	-1.67937	0.47553	0.824672	-1.2126	0.0183197	0.467377	-2.1396	0.439865	0.811156	-1.23281	0.0460517	0.544775	-1.83562	1.78056	1.99054	0.993713	1
cg16423796	UBASH3B	0.214238	0.15103	0.733241	-1.36548	0.336637	0.818386	-1.22207	0.751355	0.93768	-1.06646	0.753709	0.698225	-1.06579	0.295335	0.807273	-1.24568	0.977522	1.00572	1.00572	0.240085	0.779586	-1.28273	0.00793055	0.501989	-1.99207	0.285354	0.798818	-1.25185	1.78056	1.15552	0.576857	1
cg05460329	CLDN5;CLDN5	0.214238	0.891303	0.964616	-1.03668	0.344857	1.29221	1.29221	0.0999841	0.621942	-1.60787	0.35923	1.28195	1.28195	0.0503353	0.555547	-1.80003	0.510201	1.19244	1.19244	0.164717	1.50794	0.61309	1.1438	1.1438	0.567961	0.85892	-1.16425	1.78056	1.95771	0.977325	1
cg21350153	KCNIP3	0.214239	0.3350192	1.46666	1.46666	0.996248	1.00162	1.00162	0.759316	0.8848	-1.1302	0.03066331	0.757425	1.29415	0.412193	1.29646	1.39646	0.107304	2.01393	2.01393	0.587076	1.24408	1.24408	0.0753791	2.00002	2.00002	0.0734317	2.25439	2.25439	1.78056	4.4783	2.23316	1
cg01474720	FST;FST	0.214241	0.996668	0.999298	-1.0007	0.737382	1.05824	1.05824	0.665392	1.07593	1.07593	0.401761	1.15528	1.15528	0.740883	1.0574	1.0574	0.0978617	0.736802	-1.35722	0.0419011	0.674098	-1.48346	0.126107	0.757024	-1.32096	0.277053	1.20942	1.20942	1.78055	0.797749	0.398254	1
cg18214423	ATG7;ATG7;ATG7	0.214244	0.852698	0.96286	-1.03944	0.274043	1.12574	1.26724	0.4451011	0.8491668	-1.17762	0.637661	1.09204	1.09204	0.440444	0.849189	-1.17787	0.0156716	1.85326	1.85326	0.960273	1.01572	1.01572	0.458477	0.8473659	-1.17944	0.176118	1.3489	1.3489	1.78054	1.12106	0.609586	1
cg24183261	EYA1;EYA1	0.214246	0.0521749	0.655741	-1.52267	0.1818822	0.763527	-1.30971	0.511635	0.880978	-1.1351	0.711095	0.931624	-1.07339	0.46994	0.806406	-1.15021	0.151583	0.746641	-1.33933	0.0176698	0.577303	-1.73219	0.147694	0.744006	-1.34408	0.665795	0.920601	-1.08625	1.78053	1.02202	0.510222	1
cg01965462	ERBB4;ERBB4	0.214247	0.0945076	0.370964	-2.69568	0.163544	0.446372	-2.24028	0.498816	0.690421	-1.44839	0.750082	0.841623	-1.18818	0.0372952	0.271398	-3.68463	0.413481	0.636941	-1.57001	0.0456118	0.290345	-3.44418	0.0811319	0.352284	-2.83862	0.375834	0.612398	-1.63293	1.78052	8.20907	4.09821	1
cg04442407	CPS1	0.214425	0.705632	0.940756	-1.06294	0.574445	0.880356	1.13403	0.8137414	0.29948	-3.33043	0.858008	1.17535	1.17535	0.0852008	0.57535	-1.73809	0.164553	0.78779	-1.26937	0.0139747	1.85089	1.1897	0.840553	0.880912	-1.12751	0.103414	1.33175	1.33175	1.78051	0.729585	0.364233	1
cg13729891	DLG4;DLG4	0.214253	0.703918	0.930105	-1.07515	0.149724	0.745958	-1.34056	0.0739817	0.685299	-1.45922	0.301735	1.22512	1.22512	0.524763	1.13011	1.13011	0.981464	0.995601	-1.00442	0.0886818	1.42814	1.42814	0.317613	0.821981	-1.21657	0.354478	1.19814	1.19814	1.78049	1.01552	0.506984	1
cg27104976	FAM110C	0.214253	0.607721	1.13829	1.13829	0.0418162	0.354524	-2.82069	0.355903	1.52156	1.52156	0.554739	1.30224	1.30224	0.618359	0.800911	-1.24856	0.179061	0.53215	1.85791	0.387719	0.676162	-1.47894	0.0884663	2.29505	2.29505	0.651146	0.817748	-1.22287	1.78049	5.50911	2.75946	1
cg23484380	NCR3;NCR3;NCR3	0.214258	0.965271	1.02879	1.02879	0.799314	0.846969	-1.18358	0.496021	0.637216	-1.56933	0.166938	0.382645	-2.61339	0.0188592	0.150531	-6.63853	0.149235	0.364842	-2.74091	0.0689717	0.265327	-3.76894	0.151369	0.36704	-2.7245	0.3401	0.526775	-1.89834	1.78047	11.9859	5.98386	1
cg23818351	RAVER2	0.214266	0.38716	0.587718	-1.70306	0.509887	0.669298	-1.4941	0.651098	0.760748	-1.3145	0.0492232	3.85098	3.85098	0.0566668	2.273679	-3.65391	0.692456	0.787588	-1.2697	0.249986	2.05875	2.05875	0.423574	0.613383	1.63383	0.705764	1.25587	1.25587	1.78044	10.1733	5.07905	1
cg08786481	HNRPLL;HNRPLL;HNRPLL;HNRPLL	0.214267	0.893719	1.04275	1.04275	0.315584	0.740638	-1.35019	?	?	?	?	0.915201	0.967359	0.7926314	1.26165	1.26165	0.338489	1.32223	1.32223	0.0140645	1.64066	1.64066	0.612037	-1.63389	0.507839	0.810255	-1.23418	1.78053	2.4698	1.38086	1
cg17016000	RIN2 UHMK1;UHMC1;UHMC1H1;UHMC1H1;UHMC	0.214267	0.667947	1.30809	1.30809	0.626371	1.35708	1.35708	0.977476	1.01773	1.01773	0.19041	2.37014	2.37014	0.132584	2.74556	2.74556	0.311526	0.91858	1.91858	0.722999	1.24793	1.24793	0.00893399	7.92401	7.92401	0.191223	3.36596	3.36596	1.78043	10.9212	5.45244	1
cg02951847	H1	0.214275	0.744286	0.874339	-1.44949	0.2231657	0.325513	-3.07207	0.349283	0.657146	-1.49473	1.7806	0.525124	0.24564	6.0053	-1.65207	0.325458	0.657199	-1.52161	0.442533	0.723456	-1.38225	0.108521	0.484924	-2.06218	0.274295	1.60046	1.60046	1.7804	4.81964	2.40627	1
cg05185684	PLEKHA7	0.214276	0.93178	0.919202	-1.06473	0.0491474	5.18218	5.18218	0.338891	2.05891	2.05891	0.548077	0.640652	-1.56091	0.524366	1.60423	1.60423	0.0379657	5.82814	5.82814	0.0846028	4.04471	4.04471	0.918714	0.927943	-1.07765	0.259799	2.36592	2.36592	1.78039	15.1335	7.55566	1
cg01353482	ZDHHC15;ZDHHC15;ZDHHC15	0.214277	0.15186	0.380432	-2.62603	0.307722	0.8299	-1.20496	0.219305	0.340108	2.89383	0.0399648	4.45745	4.45745	0.85628	1.08245	1.08245	0.114551	0.39645	-2.5214	0.157667	0.66173	-1.51119	0.962304	0.97084	-1.03004	0.951218	0.962219	-1.03936	1.78039	11.1741	5.57887	1
cg20061873	OCM	0.21428	0.162687	0.833965	-1.19909	0.0452789	1.32285	1.32285	0.396609	1.11155	1.11155	0.693651	0.952915	-1.04941	0.319469	0.813973	-1.22854	0.367983	1.11924	1.11924	0.9601	1.00611	1.00611	0.618693	1.06303	1.06303	0.247009	1.15889	1.15889	1.78037	0.814844	0.408937	1
cg12519783	GPR133	0.214283	0.527158	0.7208	-1.38703	0.204333	1.20737	1.20737	0.0966826	0.89225	1.12096	0.0473796	1.64553	1.64553	0.0422312	1.96429	1.96429	0.909644	1.24837	1.24837	0.0423815	1.85405	1.85405	0.0205555	1.99898	0.923629	1.45154	1.45154	1.78036	2.78733	1.40893	1
cg03410903	DAGLA	0.214286	0.0909992	2.53671	2.53671	0.8729735	1.08031	1.08031	0.741737	1.17323	1.17323	0.410277	1.50615	1.50615	0.540075	0.740369	-1.35068	0.140302	0.455576	-2.19502	0.927206	1.04508	1.04508	0.0289998	3.74825	3.74825	0.764928	1.15585	1.15585	1.78035	0.858356	2.34079	1
cg10409254	MIR548T5;DCLK1	0.214289	0.744211	0.887545	-1.1267	0.349355	1.42053	1.42053	0.110856	0.531017	-1.88318	0.485192	1.2949	1.2949	0.743366	0.887179	-1.12717	0.287159	0.945086	1.49586	0.212854	1.61293	1.61293	0.0381382	2.40053	2.40053	0.398712	1.29918	1.37002	1.78033	3.74158	1.8691	1
cg04035403	PIGG;PIGG	0.214292	0.4725303	1.24086	1.24086	0.2271991	0.607558	-1.64582	0.577698	0.8457637	-1.18267	0.731112	1.16892	1.16892	0.3787456	0.792614	-1.26165	0.0326867	0.47086	-2.12357	0.0906097	0.694983	0.694983	0.0362	0.53512	-1.86853	0.0327194	0.743852	0.743852	1.78032	2.57251	1.28442	1
cg27449703	EFTUD1;FAM154B;EFTUD1	0.214296	0.0336421	2.17008	2.17008	0.170471	1.56682	1.56682	0.960726	0.98511	-1.01511	0.499806	0.811271	-1.23263	0.87643	1.04855	1.04855	0.960889	1.01505	1.01505	0.0927935	0.564456	-1.77162	0.232869	1.46798	1.46798	0.669728	1.13977	1.13977	1.78027	2.6652	1.11919	1
cg05821046	TMEM48;TMEM48;TMEM48	0.214297	0.4909557	1.61229	1.61229	0.2087819	0.824303	-1.48733	0.454693	0.7115563	-1.40549	0.90181	1.10844	1.10844	0.543674	0.901561	-1.57153	0.11019	0.30445	-3.28251	0.0405429	1.18798	1.18798	0.0727403	1.87647	1.87647	0.633999	0.720746	-1.38745	0.7403	13.1429	6.56216	1
cg23982427	SPHKAP;SPHKAP	0.214297	0.4183363	0.834293	-1.19862	0.0140299	0.9435	1.9435	0.0659518	0.5714	1.5714	0.805899	0.947492	-1.05542	0.754876	0.933685	-1.07103	0.851661	1.04187	1.04187	0.623796	1.11439	1.11439	0.674809	0.796585	-1.03457	0.830525	1.04808	1.04808	1.7803	1.35334	0.675713	1
cg23048399	SLC8A2	0.214299	0.220079	2.65593	2.65593	0.679846	1.36918	1.36918	0.655237	1.40558	1.40558	0.190944	2.85488	2.85488	0.384365	1.96535	1.96535	0.0635891	4.85499	4.85499	0.21234	2.70509	2.70509	0.0194049	8.5095	8.5095	0.0927702	4.05099	4.05099	1.78029	16.1811	8.07914	1
cg15972331	FGF14;FGF14	0.214301	0.5238	0.791148	-1.26399	0.2639	1.22522	1.22522	0.2704779	1.13068	1.13068	0.473013	1.76733	1.76733	0.0713824	1.41091	1.41091	0.3934423	0.727918	-1.37378	0.3832264	1.56858	1.56858	0.0536319	2.2461	2.2461	0.284946	1.50029	1.50029	1.78027	1.15746	0.57962	1
cg12596645	CRYGD	0.214311	0.386059	0.833261	-1.2001	0.057869	1.55299	1.55299	0.363681	1.21122	1.21122	0.213905	0.774007	-1.29198	0.343045	0.818465	-1.2218	0.913188	0.02264	0.02264	0.943009	1.01478	1.01478	0.0834571	0.674812	-1.48189	0.227949	0.771214	-1.29666	1.78024	1.18814	0.59325	1
cg26860071	TRIM2	0.214314	0.0766418	0.599222	-1.66863	0.0284332	1.18422	1.18422	0.2614294	1.24709	1.24709	0.0400139	1.34237	1.34237	0.0513507	1.25002	1.25002	0.1388053	0.73	1.37045	0.175607	1.10446	1.10446	0.0636	1.24624	1.24624	0.0500255	1.99898	0.923629	1.45154	1.45154	0.724197	1
cg05119206	MORN1;LOC100129534	0.214316	0.057685	0.38291	-2.61158	0.0973829	2.25604	2.25604	0.170027	1.92256	1.92256	0.417387	0.690266	-1.44872	0.995494	1.00253	1.00253	0.41942	0.691432	-1.44627	0.167043	0.517443	-1.93258	0.767915	1.14152	1.14152	0.764533	0.874277	-1.1438	1.78022	0.460341	2.81629	1
cg21284400	OTUD7B	0.214317	0.3898	0.733075	-1.36412	0.166049	1.76117	1.76117	0.382286	1.42699	1.42699	0.747362	1.12061	1.12061	0.0510038	0.456956	-2.18839	0.569099	0.816473	-1.22478	0.183851	0.608492	-1.64341	0.286582	0.677116	-1.47685	0.361177	1.39199	1.39199	1.78021	3.50229	1.74775	1
cg13797265	ATXN1;ATXN1	0.214319	0.2844406	1.27599	1.27599	0.1204333	1.30737	1.30737	0.2748876	1.18222	1.18222	0.242174	1.24709	1.24709	0.0400139	0.802025	-1.24674	0.787184	0.807092	-1.23909	0.0485158	0.429828	0.429828	0.0153742	2.65973	2.65973	0.179652	1.76654	1.76654	1.7802	4.49451	2.24419	1
cg24127050	SEMA4C	0.214319	0.506486	0.756982	-1.32103	0.208887	1.72835	1.72835	0.508498	1.31925	1.31925	0.191137	1.7713	1.7713	0.425186	1.39988	1.39988	0.788997	0.895124	-1.11716	0.0384588	0.371372	-2.69272	0.502553	1.32455	1.32455	0.180412	0.555696	-1.79955	1.7802	4.81053	2.40199	1
cg07125688	TNS4	0.214325	0.3170082	0.737552	-1.3561	0.0216727	0.945935	-1.25258	0.0770972	0.564888	-1.7734	0.0899934	1.00372	1.00372	0.9899342	1.00372	1.00372	0.648884	-1.5409	0.365557	0.648884	-1.5409	1.29315	1.29315	0.0288615	3.46541	3.46541	0.0312078	2.72844	2.72844	1.78019	1.10791	0.557818	1
cg16431961	CCDC88C	0.214325	0.322292	0.810882	-1.23444	0.5628388	0.866466	-1.12808	0.0634321	0.5372	1.5372	0.486774	0.864538	-1.15669	0.33508	0.814829	-1.22725	0.600141	0.896767	-1.11512	0.132994	1.39641	1.39641	0.126959	2.405	2.405	0.0140551	2.840843	1.18928	1.78017	1.19643	0.597409	1
cg03847924	DET1;DET1;DET1	0.214327	0.0745718	0.642175	-1.55721	0.3848011	1.21978	1.21978	0.183486	0.730046	-1.36978	0.583385	1.13144	1.13144	0.159902	0.715474	-1.39768	0.987656	0.996557	-1.00346	0.929615	1.01989	1.01989	0.14365	0.704656	-1.41954	0.0585078	0.620907	-1.61055	1.78017	1.40158	0.699851	1
cg09955630	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.214328	0.9922214	0.995705	-1.00435	0.0216727	0.945935	-1.25258	0.0770972	0.564888	-1.7734	0.0899934	1.00372	1.00372	0.9899342	1.00372	1.00372	0.648884	-1.5409	0.365557	0.648884	-1.5409	1.29315	1.29315	0.0288615	3.46541	3.46541	0.0312078	2.72844	2.72844	1.78016	1.10791	0.557818	1
cg21400344	LDLRAP1;LDLRAP1	0.214329	0.136673	0.759062	-1.31742	0.168	1.2874	1.2874	0.0898621	1.13913	1.13913	0.971971	0.993977	-1.00656	0.934538	0.814829	-1.22725	0.600141	0.896767	-1.11512	0.132994	1.39641	1.39641	0.126959	2.405	2.405	0.0140551	2.840843	1.18928	1.78017	1.19643	0.597409	1
cg06604625	CCDC46;CDC46	0.214329	0.0275506	0.699613	-1.42966	0.0279701	1.32818	1.32818	0.0354342	0.5372	1.5372	0.486774	0.864538	-1.15669	0.33508	0.814829	-1.22725	0.600141	0.896767	-1.11512	0.132994	1.39641	1.39641	0.126959	2.405	2.405	0.0140551	2.840843	1.18928	1.78017	1.19643	0.597409	1
cg18131286	MAST4;MAST4	0.214334	0.8216	0.954343	-1.04784	0.938005	1.01599	1.01599	0.975628	1.00634	1.00634	0.114459	0.701113	-1.4263	0.0411029	0.614068	-1.62848	0.990185	1.00255	1.00255	0.101911	0.690416	-1.4484	0.329625	1.23142	1.23142	0.0966435	0.685483	-1.45883	1.78011	1.20706	0.602741	1
cg02736482	TATA;TAF1A	0.214343	0.156632	2.20137	2.20137	0.402301	0.639934	-1.56269	0.094827	0.4436	-2.2546	0.0437233	0.454923	1.37248	0.0347435	0.302353	-3.30703	0.630719	1.28692	1.28692	0.0409	1.15985	0.925973	0.0494	1.04857	1.04857	0.818812	0.79053	1.78009	1.54093	3.81949	1	
cg27169713	C2orf74	0.214349	0.31274	0.729671	-1.37048	0.040772	0.450453	-2.03976	0.224478	0.680548	-1.4694	0.247107	0.694009	-1.4409	0.0435146	0.510816	-1.63715	0.0556732	0.51973	-1.92408	0.98795	1.00457	1.00457	0.705565	1.12138	1.12138	0.109271	0.500338	-1.63995	1.78007	2.56822	1.28246	1
cg14043298	COL11A2;COL11A2;COL11A2	0.214355	0.804609	0.942835	-1.06063	0.491616	1.18044	1.18044	0.0681674	0.615675	-1.62423	0.397709	0.814121	-1.22832	0.376111	1.24074	1.24074	0.483821	0.844523	-1.1841	0.0440671	0.577287	-1.73224	0.876269	0.963673	-1.0377	0.18463	1.39677	1.39677	1.78004	1.58998	0.793978	1
cg16457842	SNAP91;SNAP91	0.214355	0.3411353	0.749237	-1.33455	0.151254	1.14627	1.14627	0.1525975	1.17982	1.17982	0.0616714	1.10651	1.10651	0.1197405	0.770353	-1.29781	0.349424	0.591397	-1.69091	0.0126178	0.235656	-4.24346	0.214538	0.720307	1.38835	0.0172214	0.629927	-1.58749	1.78004	0.83686	0.418311	1
cg03003194	KLF7	0.214355	0.376636	0.650862	-1.65054	0.0918689	0.78705	-1.78705	0.0680023	0.39226	-2.55026	0.510976	1.4452	1.4452	0.796863	0.867211	-1.15312	0.317343	1.76987	1.76987	0.370232	0.601563	-1.66234	0.0589379	3.24807	3.24807	0.76578	1.1794	1.1794	1.78004	8.6003	4.29468	1
cg25371162	CTNS;SHPK;SHPK;CTNS	0.214364	0.177427	0.752738	-1.32918	0.272331	1.05918	1.05918	0.6445852	1.09664	1.09664	0.376638	0.835455	-1.19695	0.906555	0.976999	-1.02354	0.666154	1.08982	1.08982	0.0140128	1.82424	1.82424	0.782475	0.946633	-1.05638	0.737996	1.24937	1.24937	1.78	5.16935	0.552786	1
cg14661053	FAM129B;FAM129B	0.214365	0.580498	0.780561	-1.28113	0.409289	1.45431	1.45431	0.0153284	1.14305	1.14305	0.0611441	1.42306	1.42306	0.813929	1.11031	1.11031	0.0596819	0.389398	-2.56807	0.217962	0.526013	-1.77742	0.643005	1.12817	1.12817	0.231031	0.572586	-1.74646	1.78	5.55278	2.77293	1
cg14733989	PGLS	0.214367	0.677184	0.910253	-1.0986	0.730438	1.08078	1.08078	0.071305	1.57212	1.57212	0.104817	0.671572	-1.48904	0.0955653	0.662919	-1.50848	0.352527	0.806644	-1.2397	0.207069	0.741675	-1.3483	0.698994	0.916429	-1.09119	0.456665	1.18562	1.18562	1.77999	1.42213	0.710181	1
cg14362925	RXRB	0.214367	0.70478	0.930975	-1.07429	0.694942	1.02009	1.02009	0.881188	0.513462	1.14672	0.127892	0.699139	-1.43014	0.934734	0.800756	-1.24911	0.915994	1.11181	1.11181	0.339314	0.641433	-1.55901	0.460842	1.1662	1.1662	0.159592	1.14626	1.14626	1.77999	0.7189	0.615582	1
cg02922289	YKT6	0.214368	0.721641	1.11626	1.11626	0.414152	1.2926	1.2926	0.378919	0.75765	-1.31987	0.677366	0.879291	-1.13728	0.00718666	0.344091	-2.90621	0.468351	0.797044	-1.25464	0.780568	0.917722	-1.08965	0.534623	0.824196	-1.2133	0.400052	0.767322	-1.30323	1.77998	2.66473	1.33071	1
cg17391942	MGAT5B;MGAT5B	0.214371	0.2708085	0.85812	-1.16545	0.640946	0.6108869	0.919278	-1.08465	0.988431	0.9988258	-1.00172	0.2952211	1.13748	1.13748	0.8252053	0.874009	-1.14392	1.13023	1.13023	0.1853206	1.39427	1.39427	0.201279	0.8530806	-1.1737	0.1813737	1.18321	1.18321	1.77997	0.309337	0.159274	1
cg09509058	TOX2;TOX2;TOX2	0.214371	0.493155	2.28159	1.28199	0.295531	0.678964	-1.47283	0.227219	0.6598204	-1.51722	0.394903	0.732709	-1.3648	0.0861271	0.302475	-3.30606	0.949371	1.97759	-1.02292	0.811913	0.918433	-1.08881	0.824354	0.931393	-1.07366	0.26434	0.660169	-1.51476	1.77997	1.59148	0.79353	1
cg27513574	SLC34A2;SLC34A2	0.214371	0.10922	17.5571	17.5571	0.805539	1.50522	1.50522	0.566337	2.58835	2.58835	0.224939	0.89196	0.89196	0.270078	0.151965	-6.58044	0.259899	6.87654	6.87654	0.0666117	29.2069	29.2069	0.082173	23.5566	23.5566	0.116022	16.4857	16.4857	1.77997	75.88	37.8933	1
cg20547407	EN2	0.214373	0.05280646	0.44314	-2.25707	0.0721287	0.493997	-2.02434	0.317247	2.21625	2.21625	0.354398	1.77902	1.77902	0.961714	1.02615	1.02615	0.374507	0.709705	-1.40909	0.0970435	0.548028	1.82492	1.82492	0.0550	1.82492	-1.21584	0.22201	0.372334	-2.68576	1.77996	16.7033	8.34143	1
cg25745663	UNG;UNG	0.214375	0.182762	0.616306	-1.62257	0.564663	0.871428	-1.22057	0.978869	0.990974	-1.00911	0.298128	0.69127	-1.44661	0.226618	0.647518	-1.54436	0.028575	0.412935	-2.42169	0.753144	1.11406	0.555563	1.5013	1.5013	0.276064	1.47385	1.47385	1.77995	3.30386	1.64991	1
cg25232541	CD24C	0.214378	0.109226	0.811113	-1.23268	0.379337	0.924343	-1.08183	0.7543	0.97903	-1.02128	0.183751	0.97391	-1.02705	0.465413	0.729673	-1.37045	0.985709	1.01951	1.01951	0.882044	1.29171	1.29171	0.0804	0.798155	-1.25312	0.0808304	0.656196	-2.13449	0.969166	1.01528	0.512554	1
cg14507634	DGKD;DGKD	0.214382	0.586561	0.897904	-1.1137	0.477649	1.15211	1.15211	0.358616	0.830997	-1.20337	0.202334	1.30211	1.30211	0.493184	0.872422	1.14623	0.11728	0.39607	-2.53	0.0282471	0.662	1.662	0.475645	0.867397	-1.15287	0.900714	0.975819	-1.02478	1.77992	1.08425	0.54147	1
cg09565490	RBPMS;RBPMS;RBPMS;RBPMS	0.214382	0.13206	0.65637	-1.52353	0.228705	1.38711	1.38711	0.036026	0.531756	-1.88056	0.94218	0.981386	-1.01897	0.64121	0.885532	-1.12926	0.719031	0.910668	-1.09809	0.179976	1.44607	0.625401	1.60025	0.873664	-1.14461	0.224384	0.718503	-1.39178	1.77992	1.89139	0.944557	1
cg08180596	FLOT1	0.214384	0.8023225	1.11837	1.11837	0.2312716	0.987853	-1.01213	0.9185	0.99539	-1.00465	0.19539	1.15539	1.15539	0.2025603	1.1544	1.1544	0.0112	1.24613	1.24613	0.0486237	1.32613	1.32613	0.0497323	1.05047	1.05047	0.0482	1.6072	1.6072	1.8099	1.04823	0.546	1.7991	0.53809	2.53602	1
cg26583753	SLC18A2	0.214385

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg25161129	WIPI1	0.214613	0.612169	1.27974	0.279374	0.180876	1.98461	1.98461	0.875169	0.926957	1.07108	0.135276	0.459902	-2.17438	0.0416768	0.322108	0.10455	0.765396	0.865561	-1.15532	0.199084	0.519623	-1.93447	0.413791	-2.12202	1.77889	6.5578	3.27685	1
cg07088622	ZNF645	0.214614	0.57575	1.37722	1.37722	0.134377	0.400973	2.49394	0.316649	0.556515	-1.7969	0.530473	0.697861	-1.43295	0.026885	0.226734	0.41046	0.161005	2.33396	2.33396	0.589533	1.36118	1.36118	0.935898	0.955484	-1.04659	0.410197	0.620778	-1.61088	1.77889	9.02933	4.51185	1
cg09662325	IRX6	0.214618	0.0627132	2.30904	2.30904	0.18735	1.74781	1.74781	0.188795	0.573313	-1.74425	0.488433	0.754853	-1.32476	0.622517	0.82015	-1.21929	0.899617	0.950823	-1.05172	0.549647	0.785147	-1.27365	0.290183	1.55059	1.55059	0.0907048	2.10584	2.10584	1.77887	4.49813	2.24768	1
cg20338271	DNM3;DNM3	0.214625	0.577934	0.710134	-1.40813	0.0136704	0.156263	-6.4003	0.140169	0.880443	-2.62853	0.82969	0.05232	1.10521	0.179665	0.419873	-2.38167	0.140164	0.380436	-2.62856	0.244239	0.476244	-2.09976	0.406784	0.596452	-1.67658	0.770459	1.19501	1.78584	10.4463	5.22002	1
cg11190754	CENPK;PPWD1	0.214626	0.851689	1.07098	1.07098	0.184957	1.67387	1.67387	0.387397	1.3835	1.3835	0.0697901	0.475697	-2.02018	0.347624	1.4254	1.4254	0.345004	1.42814	1.42814	0.0649607	0.467976	-2.13686	0.532817	1.26045	1.26045	0.698609	1.15323	1.15323	1.77883	3.78227	1.89001	1
cg12198157	C13;CEP63;CEP63	0.214626	0.941235	1.01605	1.01605	0.070326	1.54798	1.54798	0.0944645	1.48743	1.48743	0.204522	1.33534	1.33534	0.983075	1.00459	1.00459	0.419213	0.836711	-1.19516	0.104176	0.681326	-1.46773	0.456968	0.849061	-1.17777	0.693676	1.08927	1.08927	1.77883	1.31437	0.656796	1
cg04232340	KIAA0284;KIAA0284	0.214628	0.181214	0.628123	-1.59265	0.317563	1.403	1.403	0.782234	0.91322	-1.09593	0.209867	0.648604	-1.54177	0.0632478	0.504407	-1.98253	0.801184	0.920663	-1.08617	0.0856124	1.86351	1.86351	0.402278	1.32421	1.32421	0.956684	0.982363	-1.01795	1.77883	3.0236	1.51091	1
cg04174211	RNF144A	0.214634	0.508433	0.87842	-1.13845	0.0134636	0.553562	-1.80665	0.185619	0.762928	-1.31074	0.903731	0.97689	-1.02366	0.940134	1.01462	1.01462	0.705293	1.01678	1.07618	0.349679	0.741951	-1.3478	0.391577	1.18485	1.18485	0.449349	0.8616	-1.16063	1.77879	1.05191	0.525655	1
cg09729274	GRHL2	0.214636	0.156017	0.347874	-2.8746	0.0212183	0.145551	-6.87044	0.057876	0.224963	-4.44518	0.550085	0.656587	-1.52303	0.315861	0.48602	-2.05753	0.409337	0.555949	-1.79873	0.0846907	0.265362	-3.76844	0.965781	0.970594	-1.0303	0.774712	0.819012	-1.22098	1.77879	13.637	6.81459	1
cg05444449	KIAA0124	0.214644	0.28817	0.843615	-1.18569	0.317439	0.262577	-3.81025	0.172726	0.641899	0.93032	-1.0749	0.0845429	1.3421	1.3421	0.339096	0.850294	0.155024	-1.16411	0.75564	1.04932	1.04932	0.0283862	0.670975	-1.49087	0.732161	0.899398	-1.05441	0.595111	1.08624	1.08624	1.77876	0.6700227	0.334829	1
cg04141767	AFF2;AFF2;AFF2;AFF2;AFF2	0.214645	0.359817	1.73123	0.483834	0.660481	-1.51405	0.101018	0.35101	-2.84892	0.19672	0.451282	-2.21591	0.208965	0.462057	-2.16423	0.101408	2.84489	2.84489	0.618599	1.33987	1.33987	0.738375	0.822498	-1.21581	0.137248	0.393333	-2.54238	1.77875	9.57337	4.78407	1
cg19764145	IL17RD	0.214646	0.134898	0.653801	-1.52952	0.138831	0.656099	-1.52207	0.564992	1.20044	1.20044	0.18761	0.692118	-1.44484	0.716748	0.909405	-1.10083	0.537122	1.16262	1.16262	0.0413752	0.537791	-1.85946	0.881857	0.601456	-1.66263	0.589665	0.866273	-1.15437	1.77875	1.95829	0.978615	1
cg20382209	PLEKHA5;PLEKHA5	0.214648	0.163459	0.601324	-1.67849	0.0426447	0.257603	-3.88195	0.0951052	0.444344	-2.90323	0.762752	0.19237	-1.9237	0.118391	0.573315	-2.67845	0.506673	0.676018	-1.47925	0.171437	0.429054	-2.33071	0.382543	1.68275	1.68275	0.983634	0.98851	-1.01199	1.77874	9.51453	4.7547	1
cg17494855	C1orf84;MED8;MED8	0.214651	0.563589	1.12117	1.12117	0.00973934	0.527053	-1.89734	0.463269	1.24116	0.941775	0.283434	1.24397	1.24397	0.178745	0.931607	-1.07341	0.286381	0.805031	-1.24219	0.506448	0.876298	-1.14116	0.941078	0.985624	-1.01459	0.559748	0.890895	-1.12247	1.77873	1.08103	0.540225	1
cg07088937	DDIT3	0.214655	0.226582	1.1599	1.1599	0.151579	1.19662	1.19662	0.0733926	1.22555	1.22555	0.914705	0.987561	-1.0126	0.900394	0.85044	-1.17526	0.588967	1.06581	1.06581	0.254137	0.870126	-1.14626	0.777541	1.18224	1.18224	0.430077	0.910156	-1.09866	1.77872	0.384489	0.192142	1
cg25135333	SEC16B	0.214666	0.39209	0.670733	-1.49091	0.384307	1.50128	1.50128	0.20587	0.544524	-1.83647	0.601586	0.812239	-1.23117	0.0371424	0.332143	0.310175	0.043318	0.346924	-2.88248	0.943542	0.968254	-1.03279	0.67397	1.21257	1.21257	0.226419	0.560715	-1.78344	1.77869	5.84485	2.92093	1
cg20226253	GDF5	0.214666	0.553403	0.943382	-1.18546	0.735684	0.907932	-1.10142	0.775865	0.92218	-1.08439	0.897763	1.03733	1.03733	0.0216756	0.455699	-2.19443	0.230028	1.43195	1.43195	0.0592039	0.544821	-1.83547	0.742499	1.09855	1.09855	0.438898	0.798446	-1.25243	1.77868	2.28977	1.1443	1
cg13700031	C7orf50;C7orf50;C7orf50	0.214666	0.3656	1.42506	1.42506	0.901217	0.953785	-1.04845	0.688803	1.16579	1.16579	0.423693	0.732453	-1.36528	0.645906	0.83818	-1.19278	0.01515757	0.330916	-3.11608	0.836476	0.108194	1.08194	1.08194	0.325248	1.47266	1.47266	0.220801	1.63291	1.63291	1.77866	4.09019	2.04409	1
cg18884237	GOLGA7;GOLGA7	0.214668	0.936776	1.0072	1.0072	0.761171	1.02795	1.02795	1.18224	1.1366	1.1366	0.99453	0.99938	-1.00062	0.0697414	1.20133	1.20133	0.333335	0.913703	-1.09445	0.0710115	0.833258	-1.20011	0.494622	1.06473	1.06473	0.158253	1.14617	1.14617	1.77865	0.2304417	0.115152	1
cg19852158	B3GNTL1	0.214670	0.108501	0.711132	-1.40623	0.0830394	1.33199	1.33199	0.793134	1.05277	1.05277	0.232925	0.783841	-1.27577	0.634782	1.08765	1.08765	0.695157	1.0797	1.0797	0.0135288	1.37004	1.37004	1.37004	0.166739	0.578785	1.11538	1.11538	1.77861	1.068	0.533754	1
cg19275398	USP43 RGMA;RGMA;RGMA;RGMA;RGMA;RG	0.214668	0.547254	1.2596	1.2596	0.302525	0.667166	-1.49888	0.98876	0.994671	-1.00535	0.440434	1.34732	1.34732	0.249248	0.363949	2.74764	0.72813	1.14138	1.14138	0.111648	1.92809	1.92809	0.75763	0.889325	-1.12445	0.286126	0.657208	-1.52159	1.78579	0.44666	2.0214	1
cg21643439	MA	0.214688	0.00900636	0.454077	-2.20227	0.476435	0.841865	-1.18784	0.327295	1.27178	1.27178	0.553842	0.867295	-1.15301	0.780134	0.935634	-1.06879	0.55655	0.868157	-1.15186	0.916839	0.975474	-1.02514	0.996117	0.998844	-1.00116	0.355227	1.2537	1.2537	1.77856	1.59218	0.795737	1
cg00911755	KIAA0427;KIAA0427	0.21469	0.834098	0.836698	-1.19517	0.0946422	0.876568	-1.14116	0.941078	1.07213	1.07213	0.0343173	0.568068	-1.76035	0.165105	0.712335	-1.40383	0.608251	1.28015	1.28015	0.0192213	0.219931	-4.67441	0.218631	1.21563	1.21563	0.102829	0.4254	2.4254	2.4254	0.501251	1.6926	1.6926	0.211458	0.108898	0.308898	0.185742	1.49403	8.71047	1
cg26427472	GUSBL1	0.214695	0.408362	0.615116	-1.62497	0.0626109	0.227137	-4.40327	0.0649682	0.225	0.0331441	0.280701	0.484919	-2.06353	0.0632475	-1.58109	0.667853	0.202014	0.658376	-1.51864	0.0875817	0.0784903	-12.7404	0.0275033	0.640389	0.43703	0.0106618	3.2353	1.46053	2.72911	1.77855	5.40053	2.72911	1
cg05770171	BAAT;BAAT;BAAT	0.214699	0.2826691	1.60695	1.60695	0.121865	0.490413	-2.0391	0.344523	0.661193	-1.51242	0.296174	1.58449	1.58449	0.347347	1.50855	1.50855	0.502352	1.33545	1.33545	0.0544226	2.52774	2.52774	0.987371	1.00675	1.00675	0.248257	0.598782	-1.67006	1.77851	5.08549	2.5417	1
cg00085507	FAM189A1	0.214699	0.220887	0.711934	-1.40453	0.260918	1.56337	1.56337	0.0974751	1.83437	1.83437	0.0179421	1.03471	0.359435	0.794321	1.03471	1.03471	0.268853	1.73938	1.73938	0.0124717	2.0254	2.0254	0.0242883	1.24886	1.24886	0.0608281	1.06081	1.06081	0.600278	0.809709	-1.14981	1.78751	1.5615	0.798348	1
cg10342148	RUFY3 PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PD	0.2147	0.0730816	0.675081	-1.4813	0.729345	0.934006	-1.07066	0.153368	1.39054	1.39054	0.423675	0.851619	-1.17423	0.336683	0.823077	1.21495	0.486332	0.870197	-1.14916	0.0359008	0.618921	-1.61572	0.409649	1.14418	1.14418	0.645285	0.912919	-1.09539	1.7785	1.08827	0.543912	1
cg14113442	E9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9	0.214711	0.141238	1.49369	1.49369	0.264586	1.34297	1.34297	0.233905	0.728712	-1.37228	0.328668	1.29134	1.29134	0.0142725	0.553048	-1.80816	0.524847	1.17753	1.17753	0.683861	1.10941	1.10941	0.312844	1.30311	1.30311	0.683666	0.901321	-1.10948	1.78746	1.81153	0.905419	1
cg01675953	MCF2L;MCF2L	0.214716	0.257333	0.9975	-1.00254	0.0135668	0.556022	-1.79991	0.42297	1.08204	1.08204	0.720501	1.15222	1.15222	0.190786	1.25266	1.25266	0.0591357	0.753096	-1.32796	0.0196241	0.0515267	-19.4057	0.0251962	0.691212	0.59136	0.0124307	1.68186	1.68186	1.77843	4.48864	2.18951	1
cg16145209	KCNQ1;KCNQ1	0.214718	0.610359	1.31621	1.31621	0.701456	0.813884	-1.22868	0.0371258	0.274216	-3.64675	0.0636841	0.328048	-3.04833	0.0835028	0.359084	-2.78487	0.228915	0.509122	-1.96416	0.30867	0.569319	-1.75648	0.135431	0.423007	-2.36403	0.371772	0.612451	-1.63278	1.77843	0.0145514	0.42049	1
cg19880843	BCL2L13	0.21472	0.641328	1.30554	1.30554	0.614771	1.33435	1.33435	0.0344385	0.238199	-4.19922	?	?	?	?	0.621471	1.32696	1.32696	?	?	?	0.219825	2.09198	2.09198	0.454485	1.543	1.543	1.87612	6.24945	3.88624	1
cg27343900	ERGIC1	0.214729	0.560808	1.07796	1.07796	0.238831	1.552	1.552	0.144693	1.36802	1.36802	0.462837	1.37939	1.37939	0.0647852	0.405464	2.44162	0.829059	1.09753	1.09753	0.0638718	0.40801	-2.45092	0.407892	1.33524	1.33524	0.898282	0.946445	-1.05659	1.77838	8.52722	2.60773	1
cg00349700	TDRD10;TDRD10	0.214731	0.776662	0.935464	-1.06899	0.0837698	0.638335	-1.56657	0.0362829	0.564953	-1.77006	0.673793	0.90546	-1.10441	0.182116	0.71735	1.39402	0.277377	1.30342	1.30342	0.796603	1.06246	1.06246	0.357956	0.801117	-1.24826	0.127445	0.679343	-1.47201	1.77837	1.54975	0.774618	1
cg25477769	HNF1A;HNF1A	0.214732	0.113784	0.556384	-1.79756	0.0449133	0.651189	-1.53615	0.197387	0.643845	-2.38605	0.0778353	0.447889	-2.23325	0.0778353	0.184947	-5.40554	0.162568	0.186317	-5.3689	0.0275067	0.0944774	-10.5867	0.0275067	0.244986	-4.08176	0.0275067	0.0275067	0.0275067	0.0275067	0.0275067	0.0275067	0.0275067	0.0275067	1
cg05146074	HMGXB4;HMGXB4	0.214733	0.392004	1.54744	1.54744	0.716889	1.19878	1.19878	0.59311	1.30802	1.30802	0.13728	0.21848	2.21848	0.163715	0.477145	2.0958	0.261058	2.79239	2.79239	0.12001	0.231569	2.35569	0.056714	2.92642	2.92642	0.123213	2.29639	2.29639	1.77836	9.58103	3.48937	1
cg01429256	RAI1	0.214736	0.373738	0.718971	-1.39088	0.497909	1.28228	1.28228	0.153543	1.737	1.737	0.863551	0.939738	-1.06413	0.155188	0.577148	-1.73266	0.725865	0.880555	-1.13565	0.128668	0.552461	-1.81008	0.0352478	0.412251	-2.42571	0.559796	0.808093	-1.23748	1.78334	3.67748	1.83815	1
cg26585790	KLC4;KLC4;KLC4;KLC4;MRLP2	0.214737	0.959344	1.0381603	-1.04184	0.0437192	0.907973	-1.10408	0.127456	1.58662	1.58662	0.0484388	1.37413	1.37413	0.488018	1.27972	1.27972	0.0716415	0.486167	-2.05699	0.0373124	0.188401	-5.31074	0.188401	0.452689	-2.20916	0.458897	-2.18868	0.129041	0.550983	-1.81494	1.77834	3.73915	1.85899	1
cg11004320	PTPN18;PTPN18	0.214744	0.172891	0.717288	-1.39414	0.426284	1.20454	1.20454	0.430996	1.32637	1.32637	0.0211427	0.554373	-1.80359	0.0616505	0.712335	-1.40383	0.60825	1.25713	1.25713	0.165105	0.712335	-1.40383	0.481199	0.848727	-1.17823	0.628285	1.11825	1.11825	1.77831	1.47805	0.738803	1
cg27248474	CBFA2T3;CBFA2T3	0.214755	0.13455	0.6977	-1.43307	0.0626109	0.227137	-4.40327	0.0649682	0.225	0.0331441	0.280701	0.484919	-2.06353	0.0632475	-1.58109	0.667853	0.242922	0.608089	-1.64392	0.0240389	0.143702	-6.96055	0.0240389	0.443703	0.00618	3.2353	1.46053	2.72911	1.77831	5.40053	2.72911	1
cg06035754	ARFGAP2	0.214765	0.609793	1.08358	1.08358	0.262714	1.19974	1.19974	0.370843	1.15408	1.15408	0.757779	0.94942	1.04942	0.21217	1.22746	1.22746	0.644065	1.07525	1.07525	0.510741	1.10964	1.10964	0.379304	1.15103	1.15103	0.00563956	1.76216	1.76216	1.77831	0.6849081	0.342389	1
cg06680826	MCTP2;MCTP2	0.214746	0.0479188	0.638386	-1.56645	0.0838001	0.604056	-1.46185	0.245937	0.785744	-1.26977	0.106094	0.704945	-1.41946	0.985589	1.00359	1.00359	0.376065	1.19756	1.19756	0.252486	0.971709	-1.02911	0.665209	0.917222	-1.09025	1.7783	1.1093	0.554488	1
cg03722533	RNF121;LOC100133315;RNF121;RNF12	0.214753	0.197152	1.52162	1.52162	0.383782	1.31648	1.31648	0.68635	1.13313	1.13313	0.574295	0.83967	-1.19094	0.150611	0.622305	-1.60693	0.308597	0.722937	-1.38326	0.0817067	1.81121	1.81121	0.318656	0.728097	-1.37344	0.165812	0.634433	-1.57621	1.78227	2.6697	1.33448	1
cg21006574	ZNF282	0.214754	0.234974	0.750162	-1.33305	0.140826	0.606332	-1.64969	0.0840016	0.876868	-1.72453	0.294857	0.778112	-1.2851	0.0976805	0.640904	-1.56044	0.595385	0.88358	-1.13176	0.262967	1.12212	1.12212	0.677983	0.908077	-1.10123	0.0740056	0.632496	-1.58304	1.78227	1.50198	0.750781	1
cg03982443	CDPG;CDPG	0.214754	0.72451	1.06244	1.06244	0.955775	1.00954	1.00954	0.0304092	1.54579	1.54579	0.344589	1.18133	1.18133	0.299016	1.20233	1.20233	0.95685	0.990781	-1.00091	0.0487587	0.680269	-1.47001	0.855862	1.03161	1.03161	0.527217	1.1159	1.1159	1.77827	0.8252559	0.412516	1
cg19782749	HS6ST2;HS6ST2	0.214755	0.166335	0.465196	-2.17772	0.277092	0.515092	-1.81504	0.152669	0.44824	-2.24291	0.112533	0.2468	-4.0509	0.14519	0.438257	-2.28177	0.108507	0.197997	-5.05049	0.0196447	0.21724	1.21724	0.515099	0.19741	1.39741	0.791426	0.869557	-1.15001	1.78226	1.83205	0.91466	1
cg21689902	VWA5A;VWA5A;VWA5A	0.214756	0.449207	0.812091	-1.23139	0.654811	1.75251	1.75251	0.0883177	0.596651	-1.67602	0.12031	0.634565	-1.57588	0.375192	0.782188	-1.27846	0.740502	0.914198	-1.09385	0.687941	0.896749	-1.11514	0.356419	1.37676	1.37676	0.686529	0.896277	-1.11573	1.77826	2.05176	1.02562	1
cg15747595	TSPYL5	0.214757	0.0735529	0.974955	0.974955	0.392239	0.74712	2.74712	0.430686	2.52775	2.52775	0.93792	1.09396	1.09396	0.773564	0.71706	-1.39458	0.336301	1.13621	1.13621	0.148648	1.56652	1.56652	0.188065	0.26516	0.26516	0.029366	1.61443	1.61443	1.77826	3.47362	1.87131	1
cg00889225	AUH	0.214763	0.514549	1.24809	1.24809	0.138831	0.656099	-1.52207	0.564992	1.20044	1.20044	0.18761	0.692118	-1.44484	0.716748	0.909405	-1.10083	0.585972	1.23811	1.23811	0.0437837	0.537791	-1.85946	0.881857	0.601456	-1.66263	0.589665	0.866273	-1.15439	1.78225	1.04314	0.547417	1
cg04408200	ACTR1A	0.214769	0.2900666	1.70325	1.70325	0.6612842	2.78058	2.78058	0.0732457	2.6348	2.6348	0.397197	1.52264	1.52264	0.779545	0.872761	-1.14579	0.156875	0.479832	-2.08406	0.498649	1.39532	1.39532	0.122032	2.25428	2.25428	0.917555	1.0515	1.0515	1.7782	6.62417	3.3113	1
cg04044455	LMF1	0.214773	0.523739	0.604231	-1.44004	0.0437192	0.907973	-1.10408	0.127456	1.58662	1.58662	0.0484388	1.37413	1.37413	0.488018	1.27972	1.27972	0.0716415	0.486167	-2.05699	0.0373124	0.188401	-5.31074	0.188401	0.452689	-2.20916	0.458897	-2.18868	0.129041	0.550983	-1.81494	1.77824	3.73915	1.85899	1
cg06819473	PLLP	0.214776	0.746019	0.933187	-1.0716	0.0445952	0.61221	-1.63343	0.137103	0.711254	-1.40597	0.163556	0.729901	-1.37005	0.292198	1.2618	1.2618	0.263554	0.781158	-1.28015	0.0474788	0.129309	0.609303	-1.64114	0.11674	0.901989	0.907866	-1.10024	1.78118	1.72501	0.63736	1
cg24193339	TTLL13	0.214776	0.899179	1.10204	1.10204	0.111848	3.9326	3.9326	0.100057	4.10707	4.10707	?	?	?	0.305048	0.438515	-2.28042	0.880452	0.891032	-1.12229	0.462974	0.561996	-1.77937	0.0752825	4.85249	4.85249	0.213488	2.78162	2.78162	1.95514	15.3981	5.9068	1
cg22106512	FAM118A;FAM118A	0.214779	0.232405	1.37221	1.37221	0.432925	1.04833	2.04833	0.0877231	2.01743	2.01743	0.795884	0.841878	-1.18782	0.0833597	0.626093	-1.59727	0.161984	2.69935	2.69935	0.0217488	2.62693	2.62693	0.0534012	2.40452	2.40452	0.292147	2.06618	2.06618	1.77816	12.4155	2.0641	1
cg20131682	CLP1;CLP1	0.21478	0.0790831	0.764661	-1.30777	0.463034	1.10827	1.10827	0.314228	1.154	1.154	0.171191	1.22203	1.22203	0.776873	0.961653	-1.03988	0.389588	0.885735	-1.12901	0.595577	0.92893	-1.07651	0.404242	1.12463	1.12463	0.0610784	1.33707	1.33707	1.78115	0.5333384	0.266636	1
cg16774528	NIN;NIN;NIN;NIN	0.214782	0.626087	1.08561	1.08561	0.285616	1.24291	1.24291	0.0854559	1.21771	1.21771	0.345155	0.874738	0.460933	0.34	-2.17409	0.0331936	0.070404	0.0707205	-14.1434	0.0207801	0.568118	0.552136	-1.81082	0.0706	0.70554	-1.41722	0.272388	0.988034	0.993448	1.01066	1.77814	0.53653	0.268263	1
cg07862880	C17orf103	0.214786	0.228541	1.15718	1.15718	0.321028	1.12574	1.12574	0.0536544	1.28805	1.28805	0.534636	1.07535	1.07535	0.096125	0.809708	1.23501	0.941527	0.991562	-1.00851	0.0769573	1.25507	1.25507	0.521443	1.07796	1.07796	0.903499	1.01411	1.01411	1.77812	0.375801	0.187864	1
cg20181739	SHIRF3	0.214787	0.677391	0.74512	-1.34207	0.894919	0.911257	-1.09739	0.123117	3.2584	3.2584	0.488936	1.63945	1.63945	0.405597	0.549713	-1.81913	0.251382	0.430544	-2.32264	0.0373839	0.182908	-5.46723	0.103555	0.285953	-3.49708	0.835878	0.864261	-1.15706	1.77812	13.9265	6.96189	1
cg19240678	OPCML;OPCML	0.214792	0.611219	0.89833	-1.11333	0.251603	2.99955	2.99955	0.178914	3.18704	3.18704	0.820181	0.864171	-1.15702	0.0879455	0.597565	-1.67353	0.323552	0.812162	-1.23107	0.195035	0.705577	-1.32349	0.387188	0.409472	-2.44217	0.86991	1.11332	1.11332	1.7781	1.07296	0.6387	1
cg18838133	CFC1B;CFC1	0.214793	0.104422	2.18462	2.18462	0.510348	1.34175	1.34175	0.26055	0.59653	-1.67636	0.108402	0.26197	2.16197	0.932528	1.03798	1.03798	0.107834	2.16514	2.16514	0.912507	1.04958	1.04958	0.047504	2.7128	2.7128	0.323533	1.56658	1.56658	1.77809	5.45814	2.72859	1
cg16536016	PLEKHA2	0.214796	0.529399	1.12985	1.12985	0.424132	1.20448	1.20448	0.0928128	1.25646	1.25646	0.0434377	1.19437	1.19437	0.604334	1.07328	1.07328	0.152004	1.95464	1.95464	0.0242006	2.64123	2.64123	0.159778	1.85261	1.85261	0.0734228	1.08758	1.08758	1.77808	0.371	0.64934	1
cg08166455	PMM2	0.214802	0.993475	1.00286	1.00286	0.849158	0.513869	-1.94602	0.844827	0.933802	-1.07089	0.917516	0.96444	-1.03687	0.949988	0.978315	-1.02217	0.816035	1.08752	1.08752	0.778123	0.905984	-1.10377	0.0226407	0.59581	2.59581	0.142467	1.73508	1.73508	1.78085	1.44023	1.71985	1
cg27476623	LRKC4C	0.214806	0.860442	0.933384	-1.07137	0.0238092	0.347911	-2.8743	0.485647	0.757639	-1.31989	0.962961	1.01836	1.01836	0.529063	1.28378	1.28378	0.434639	1.36654	1.36654	0.97915	0.989815	-1.01029	0.112966	1.96564	1.96564	0.194216	0.58389	-1.71265	1.77803	4.32157	2.16047	1
cg07776900	OTX1	0.214813	0.774903	0.93567	-1.06945	0.0370794	0.5349	1.5349	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1-vs-1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1-vs-1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	p-value(6637 vs. N)	Fold-Change(1-vs-6637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg20154403	ZNF629;ZNF568;ZNF568	0.215006	0.794026	1.085511	0.106511	1.0589382	0.181101	1.083106	0.0693339	1.63208	1.63208	0.2949848	0.598502	1.7696614	-1.29935	0.244705	-1.34097	-1.34097	0.940126	1.01828	0.142404	0.320724	-1.21844	0.205537	1.30042	1.30042	0.140526	1.46556	1.46556	1.77715	1.63598	0.818282	1
cg02917064	SMARCD3;SMARCD3	0.215009	0.357992	1.28017	1.28017	1.602562	1.47992	1.477992	0.192796	1.43355	1.433355	0.102488	1.595021	1.595021	0.592647	0.846661	-1.18111		0.05920084	1.74469	1.74469	0.307901	0.758983	-1.31755	0.533947	1.17892	1.17892	0.130231	1.53274	1.53274	1.77714	1.92166	0.961176	1
cg18155720	MAG;MAG	0.215012	0.0939472	2.07742	2.07742	2.425263	1.38159	1.38159	0.6140651	0.817207	-1.22368	0.455312	1.3524	1.3524	0.3142288	1.51152	1.51152		0.08959244	2.10218	2.10218	0.0177825	3.13941	3.13941	0.2816612	1.54705	1.54705	0.3247332	1.49738	1.49738	1.77712	4.43574	2.21869	1
cg02348624	H2AFX	0.215012	0.608331	1.839362	-1.19138	0.4303133	0.761264	-1.31155	0.196341	0.984578	-1.01566	0.0156279	1.72068	2.72968	0.7515606	1.113443	1.113443		1.1175582	1.1787	1.1787	0.284115	1.457384	1.457384	0.7520039	0.8981479	-1.11336	0.2977393	1.441484	1.441484	1.77712	3.23055	1.615787	1
cg27158867	LRRC56	0.215013	0.262384	2.6022	2.6022	0.162933	3.38337	3.38337	0.126901	3.81798	3.81798	0.34807	2.20479	2.20479	0.482368	0.557484	-1.79377		0.709053	1.35899	1.35899	0.0245025	0.962056	0.962056	0.641873	1.46713	1.46713	0.0767696	1.50672	1.50672	1.77712	18.8502	9.42861	1
cg21622709	GRIP1	0.215014	0.560506	0.74923	-1.33447	0.2249724	3.70049	3.70049	0.0390259	3.23135	3.23135	0.6314411	1.788093	1.788093	-1.26756	0.930754	0.958265	-1.04355	0.532661	0.733454	-1.36341	0.428345	1.48679	1.48679	0.907134	0.944366	-1.05893	0.8777441	1.07843	1.07843	1.77714	6.77176	3.38715	1
cg04982359	TATDN2	0.215015	0.822152	1.05524	1.05524	0.691323	1.10001	1.10001	0.57589	0.873733	-1.14451	0.598237	1.13542	1.13542	0.857508	1.04386	1.04386		0.757199	1.07688	1.07688	0.00516246	2.41566	2.41566	0.9512011	1.01472	1.01472	0.7691154	0.9321126	-1.07282	1.777111	1.60547	0.803039	1
cg24929861	C4orf10;NOP14	0.215018	0.911557	0.9661871	-1.035	0.0736084	0.536448	-1.86411	0.832587	0.936569	-1.06773	0.801721	1.08101	1.08101	0.0203025	0.447796	-2.23316		0.04555569	0.491732	-2.03363	0.754477	0.907444	-1.102	0.775582	1.09247	1.09247	0.507218	0.811966	-1.23158	1.7771	2.69745	1.34924	1
	C1orf61;CTED1;CTED1;CTED1;CTED1;																																
cg23710475	CITED1	0.21502	0.199069	0.436529	-2.2908	0.197027	2.30046	2.30046	0.2098	2.24202	2.24202	0.568484	0.703216	-1.42204	0.0912955	0.321104	-3.11426		0.052157	0.259431	-3.85459	0.592177	0.718702	-1.3914	0.97542	0.983156	-1.019	0.826337	0.874394	-1.14365	1.77709	10.5019	5.253	1
cg09371620	SFRS2IP	0.215021	0.325428	0.65124	-1.53553	0.184561	1.06326	1.06326	0.0426326	1.68009	1.68009	0.926795	-1.07703	0.550094	1.283676	1.283676	0.0731515	0.429555	-2.32582		0.348663	0.665296	-1.50309	0.492602	0.745018	-1.34225	0.878095	1.089355	1.089355	1.77708	5.02106	2.51151	1
cg25098793	OHCR24	0.215021	0.696757	0.811479	-1.23232	0.0204952	0.143367	0.6437	0.0370235	0.63922	0.63922	0.781959	0.862438	-1.1595	0.524773	0.706979	-1.41428		0.813025	1.13472	1.13472	0.791252	1.152	1.152	0.972367	0.981693	-1.01865	0.828962	0.891007	-1.12233	1.77708	8.00796	4.00555	1
cg08636921	NCRNA00162	0.215027	0.174866	0.772587	-1.29568	0.159934	0.764436	1.30781	0.239973	1.24552	1.24552	0.740742	1.06104	1.06104	0.441838	1.152023	1.152023		0.770869	0.949223	1.05349	0.161878	1.30042	1.30042	0.923508	0.90079	-1.11014	0.0594153	0.684059	-1.46186	1.77705	6.48616	3.648275	1
cg26574479	EVX1	0.215031	0.0729482	0.29835	-3.35835	0.381805	2.28253	2.28253	0.0001	0.818905	-1.22114	0.918623	1.09859	1.09859	0.043617	0.452496	0.452496		0.58795	0.60452	-1.65421	0.0461958	0.17959	0.179593	0.3614937	0.37038	0.37038	0.2736851	0.282125	0.282125	1.77704	2.82514	1.41177	1
cg00478442	TAPBP;TAPBP;RGL2;RGL2	0.215037	0.946353	0.983505	-1.01677	0.566679	1.1539	1.1539	0.440373	0.823257	-1.21469	0.903561	0.970484	-1.03041	0.344238	0.802105	-1.24672		0.204572	0.718288	-1.3922	0.0073874	0.426068	-2.34704	0.984436	0.99519	-1.00483	0.890434	1.03665	1.03665	1.77701	1.71938	0.860062	1
cg02525607	BRD1	0.215041	0.135608	1.94489	1.94489	0.0198243	1.02571	1.02571	0.0004	0.997429	1.45792	0.57792	0.964324	0.964324	-1.05913	0.726911	0.74403	-1.3475	0.136628	1.32868	1.32868	0.964267	1.44829	1.44829	-1.05902	0.315576	2.42404	2.42404	0.369256	2.19645	1.27639	1
cg14585611	CIR1;CIR1;SCRN3	0.215043	0.0228487	0.794849	-1.2581	0.816155	1.01983	1.01983	0.39216	0.928756	-1.07671	0.813998	0.980326	-1.02007	0.192332	0.89017	-1.12338		0.767307	0.975294	-1.02533	0.785154	1.0233	1.0233	0.362018	1.08219	1.08219	0.133753	1.14608	1.14608	1.76988	0.2000037	0.100063	1
cg18105767	CYP2S1	0.215051	0.0411621	0.449562	-2.22434	0.794834	0.69144	-1.09144	0.215264	0.751691	-1.33033	0.944856	0.976568	-1.02399	0.0613098	0.488775	-2.04593		0.157297	1.67933	1.67933	0.988459	1.20593	1.20593	0.4629323	1.2919	1.2919	0.8044564	1.08889	1.08889	1.77685	3.3066	1.65407	1
cg25784936	ZNF202	0.215057	0.162327	0.570137	-1.75396	0.64074	1.18882	1.18882	0.121426	1.14436	1.14436	0.884947	0.926027	-1.05605	0.891702	1.0526	1.0526		0.01030898	0.29656	-3.372	0.2927444	0.662914	-1.50849	0.832328	0.683804	-1.46241	0.758181	1.12334	1.12334	1.76692	3.99226	1.99709	1
cg06155414	MBNL2;MBNL2	0.215057	0.0773744	0.44607	-2.2418	0.152441	0.53247	-1.87804	0.216268	1.70751	1.70751	0.468499	0.738398	-1.35428	0.11256	0.491509	-2.03455		0.642655	0.825205	-1.21182	0.332201	0.662769	-1.50882	0.181107	1.79284	1.79284	0.494343	0.751749	-1.33023	1.76692	4.75784	2.38007	1
cg25368386	GRSF1;GRSF1;GRSF1	0.215058	0.6444	1.22704	1.22704	0.555655	0.92603	-1.0802	0.405793	1.43424	1.43424	0.547627	1.29436	1.29436	0.0832158	2.355514	2.355514		0.911854	1.0481	1.0481	0.0790849	0.299138	-3.38733	0.2844322	1.07527	1.07527	0.858812	0.962675	-1.07959	1.76692	5.09389	2.53117	1
cg08665772	KCNJ9;KCNJ9	0.215059	0.0698564	0.621555	-1.60887	0.630347	1.12047	1.12047	0.03917	1.75045	1.75045	0.543558	0.865688	-1.15515	0.183308	0.718065	-1.39263		0.870209	0.962367	-1.0391	0.375417	0.807833	-1.23788	0.956856	1.07557	1.07557	0.60581	1.12989	1.12989	1.76691	1.54863	0.774693	1
cg26708351	ARAP1;ARAP1;ARAP1	0.215061	0.971527	0.989471	-1.01092	0.824181	1.23215	1.23215	0.607853	1.14185	1.14185	0.741621	1.15842	1.15842	0.2504154	1.624227	1.624227		0.613624	1.09211	1.09211	0.911599	1.16399	1.16399	0.937538	1.07922	1.07922	0.8481257	1.04533	1.04533	1.76691	2.47152	1.23586	1
cg05330961	ATPGD1;ATPGD1	0.21506	0.16176	0.52732	-1.89638	0.0891422	2.23214	2.23214	0.26389	1.64678	1.64678	0.334352	0.652817	-1.53182	0.359733	0.6680905	1.49679		0.2504666	0.597886	-1.67256	0.2019861	1.78076	1.78076	0.6969644	0.8456676	-1.18249	0.2723519	0.612996	-1.63133	1.76691	1.62683	0.258268	1
cg09228205	PTPRS;PTPRS;PTPRS;PTPRS	0.215068	0.850625	0.975644	-1.02496	0.254569	2.16797	1.16797	0.2277	1.18012	1.18012	0.154798	1.220384	1.220384	0.340124	1.13439	1.13439		0.498776	1.09396	1.09396	0.0318884	0.731972	-1.38943	0.417788	0.897363	-1.11438	0.9339444	1.0109	1.0109	1.77687	0.48138	0.240813	1
cg12571590	TLK1	0.215071	0.4593312	1.08454	1.08454	0.360708	1.37555	1.37555	0.79502	0.914707	-1.09353	0.544536	1.08508	1.08508	0.0419705	0.713301	0.713301	-1.40166	0.779906	1.08558	1.08558	0.161956	0.838877	-1.20355	0.459488	1.29401	1.29401	0.229434	1.75686	1.29907	1.6507	1
cg07919431	PPP2R2D;PPP2R2D;PPP2R2D	0.215072	0.891845	0.909075	-1.10002	0.0659066	4.24554	4.24554	0.0336301	5.60097	5.60097	0.992952	1.00621	1.00621	0.217277	0.402685	-2.48333		0.667829	0.738963	-1.35325	0.334838	0.498109	-2.00759	0.59196	1.46102	1.46102	0.72116	0.777924	-1.28547	1.76686	13.8177	6.91245	1
cg26785283	LOC115110	0.215072	0.932536	0.975502	-1.02513	0.1348654	1.05119	1.05119	0.2569	1.08851	1.08851	0.847306	0.958893	1.0441	0.6581	0.924877	-1.08126		0.08547	1.74526	1.74526	0.0932641	1.17147	1.17147	0.3048857	1.11842	1.11842	0.1855073	1.27585	1.27585	2.41494	1.2081	1	
cg10332787	C14orf106	0.215073	0.0918842	0.7685	0.7685	0.155519	1.03168	1.03168	0.109161	1.53926	1.53926	0.0698425	0.7834	0.7834	0.1384388	0.593125	-1.68598		0.437864	0.476361	-2.11135	0.646519	0.646574	-1.54661	0.493386	0.91079	1.91079	0.251112	1.10303	1.10303	1.76685	25.097	12.5551	1
cg03003467	LOC100133469	0.215074	0.133686	2.27491	2.27491	0.0612121	0.342363	-2.92088	0.627967	0.78025	-1.28164	0.826855	0.894654	-1.11775	0.35574	0.617102	-1.62048		0.408999	1.53589	1.53589	0.323162	0.595379	-1.6796	0.887223	1.07477	1.07477	0.0595239	0.339352	-2.9468	1.76685	7.26661	3.63521	1
cg16851127	RNF19A;RNF19A	0.215075	0.1525353	0.665574	-1.50225	0.1835647	0.65762	-1.52062	0.651593	0.932123	-1.17354	0.974051	0.932123	-1.17354	0.974051	0.932123	-1.17354		0.934469	1.02209	1.02209	0.409498	0.950783	-1.05176	0.796884	1.07092	1.07092	0.2724142	1.35457	1.35457	1.77683	1.98625	0.993656	1
cg16426482	RBN3P1	0.215079	0.0435288	0.388094	-2.57669	0.192727	1.75445	1.75445	0.130254	1.94726	1.94726	0.346742	0.637609	-1.56854	0.640382	0.825277	-1.21171		0.340541	0.660968	-1.49261	0.25555	0.616269	-1.62267	0.815902	1.09977	1.09977	0.429908	0.719956	-1.38897	1.76683	4.6784	2.34095	1
cg06379754	CACNA2D1	0.215081	0.959881	1.01584	1.01584	0.9107	1.06705	1.06705	0.648389	0.853168	-1.17189	0.824864	1.14498	1.14498	0.0502059	1.550414	1.550414		0.174773	1.38103	1.38103	0.683927	1.46214	1.46214	0.819663	0.954964	-1.04736	0.9965151	1.19167	1.19167	1.76683	1.68733115	0.845	1
cg22720321	ZNF584	0.215087	0.0933757	0.331521	-3.0164	0.542113	1.44654	1.44654	0.243197	2.07625	2.07625	0.598265	0.72754	-1.37449	0.0711548	0.299439	0.33958		0.110792	0.353655	-2.82761	0.358956	1.75821	1.75821	0.524235	1.47121	1.47121	0.902007	0.928496	-1.07647	1.77679	10.0711	5.03835	1
cg13466364	NAA15	0.21509	0.377652	1.13367	1.13367	0.0837102	1.30379	1.30379	0.183989	0.801949	-1.24696	0.869109	0.977402	-1.02312	0.291025	0.859114	-1.16399		0.427952	0.893899	-1.11869	0.825259	0.969819	-1.03112	0.0607901	1.34036	1.34036	0.633021	1.06894	1.06894	1.76677	0.540497	0.270401	1
cg26212012	CEP350	0.215093	0.3764427	1.09845	1.09845	0.302433	1.18812	1.18812	0.0762	1.09244	1.09244	0.769862	1.0392	1.0392	0.0099599	0.614006	-1.62099		0.670226	0.894701	1.09845	0.0996001	1.1787	1.1787	0.500351	1.10685	1.10685	0.4406413	0.889649	-1.12379	1.77676	0.95688	0.510021	1
cg15827677	CHP;EXD1	0.215097	0.210416	1.60424	1.60424	0.805198	0.915307	-1.09253	0.33353	1.42936	1.42936	0.0992379	1.9102	1.9102	0.404879	1.35692	1.35692		0.154617	1.7257	1.7257	0.0463166	0.441549	-2.26476	0.596779	1.21071	1.21071	0.552126	1.24038	1.24038	1.76674	3.60918	1.80564	1
cg28442205	RBM14	0.215099	0.0926026	1.63428	1.63428	0.0927201	1.2001	1.2001	0.0751316	1.70744	1.70744	0.516824	0.9127	-1.4651	0.4645	0.840195	-1.19005		0.445356	0.813563	-1.22926	0.664899	1.10969	1.10969	0.7443396	1.10989	1.10989	0.7443396	0.9981	0.9981	1.77674	1.983	1.00201	1
cg03948744	RHBDF1;RHBDF1	0.215105	0.696056	0.913296	-1.09494	0.897611	0.970697	-1.03019	0.315912	0.68988	-1.44953	0.4643893	1.69348	1.69348	0.540543	1.16922	1.16922		0.430903	1.20409	1.20409	0.075483	0.633168	-1.57936	0.464693	1.18757	1.18757	0.92574	1.027	1.027	1.77677	1.50177	0.751338	1
cg19184934	SOX21	0.215109	0.274127	0.825714	-1.21107	0.240158	1.22994	1.22994	0.0382355	1.48807	1.48807	0.381347	0.859759	-1.16312	0.638514	1.08289	1.08289		0.588405	0.912154	-1.09631	0.113022	0.74806	-1.33679	0.44648	0.877578	-1.1395	0.796492	1.04445	1.04445	1.77669	0.796926	0.398706	1
cg20151511	SEMA6B	0.215111	0.549993	0.877592	-1.13971	0.3348654	1.12183	1.12183	0.0642587	1.34498	1.34498	-1.26254	0.8901512	1.12345	0.4651	0.840195	-1.19005		0.179154	1.32712	1.32712	0.0222547	0.83535	0.83535	0.3412685	1.23378	1.23378	0.3537766	1.23078	1.23078	1.76669	1.983	1.00201	1
cg11820913	BEGAIN;BEGAIN	0.215111	0.0789724	0.588932	-1.69799	0.142294	1.53441	1.53441	0.141603	1.53572	1.53572	0.474686	1.21815	1.21815	0.449356	0.811198	1.23724		0.684574	1.17213	1.11723	0.45429	1.22984	1.22984	0.0995794	1.6322	1.6322	0.58026	0.859321	-1.16371	1.77669	2.07309	1.03718	1
cg02605726	MSTO2P	0.215116	0.1637607	0.574961	-1.73964	0.602708	1.37555	1.37555	0.79502	0.914707	-1.09353	0.544536	1.08508	1.08508	0.0419705	0.713301	0.713301	-1.40166	0.779906	1.08558	1.08558	0.161956	0.838877	-1.20355	0.459488	1.29401	1.29401	0.229434	1.75686	1.29907	1.6507	1
cg07912633	FOXO1	0.215116	0.140322	0.570487	-1.75289	0.913048	0.0194	1.0394	0.435219	0.754524	-1.32534	0.445519	0.759461	-1.31672	0.527342	0.797256	-1.2543		0.44254	0.74838	-1.33622	0.431799	1.32824	1.32824	0.2103322	1.59526	1.59526	0.0206218	1.372935	-2.68157	1.77666	3.52223	1.76222	1
cg08824195	C5orf122	0.215118	0.429653	0.528708	-1.89147	0.0627741	5.23291	5.23291	0.0239202	4.29667	4.29667	0.0911916	0.788238	1.27667	0.606299	0.794997	-1.36233	0.566033	-1.76481	1.27667	0.70569	-1.46923	0.611956	0.388045	1.22378	1.22378	0.7969	1.31398	1.31398	1.76665	17.5811	8.7901	1
cg12823425	TMEM225	0.215119	0.505237	0.705176	-1.41809	0.467767	1.49159	1.49159	0.0952299	0.887846	-2.57834	0.558472	0.756368	-1.35761	0.684339	0.311918	3.20597		0.363984	1.61932	1.61932	0.260976	0.502772	-1.98897	0.533285	1.37869	1.37869	0.133646	0.422853	-2.31026	1.76655	7.5116	3.75819	1
cg04160905	DAAM1; MOCS1;MOCS1;MOCS1;MOCS1;MOCS	0.215124	0.810958	0.971414	-1.02943	0.187529	1.18419	1.18419	0.894211	0.984026	-1.01623	0.15268	1.20369	1.20369	0.254071	1.15506	1.15506		0.957629	1.00645	1.00645	0.928111	0.989137	-1.01098	0.998571	1.11027	1.11027	0.0105736	1.47583	1.47583	1.77663	0.412194	0.206231	1
cg03422350	1	0.215127	0.623278	1.21333	1.21333	0.1636557	3.39901	3.39901	0.713893	1.15916	1.15916	0.882121	1.06132	1.06132	0.342586	0.675577	-1.48022		0.715886	0.863632	-1.1579	0.430583	0.724204	-1.38083	0.269427	0.63047	-1.58612	0.393203	0.704118	-1.42022	1.76661	4.52658	2.26477	1
cg00019796	SIAH3	0.215133	0.343813	0.584159	-1.71188	0.78561	1.16219	1.16219	0.177322	1.20429	1.20429	0.408809	1.5578	1.5578	0.0688706	3.07216	3.07216		0.998044	1.00135	1.00135	0.57177	0.729793	-1.37025	0.321516	1.75874	1.75874	0.0282199	4.16647	4.16647	1.76659	8.55075	4.27824	1
cg07238505	TXN	0.215135	0.418357	0.824134	-1.17352	0.463248	1.15542	1.15542	0.134953	1.16426	1.16426	0.639758	0.912824	-1.0955	0.782224	0.947795	-1.05508		0.192367	0.765682	-1.30602	0.0730113	0.679151	-1.47243	0.538983	0.880605	-1.1279	0.05503437	0.697456	-1.43317	1.76657	1.05145	0.527082	1
cg22709071	TNXB	0.215135	0.352207	0.675093	-1.48128	0.441134	0.724428	-1.3804	0.43965	0.723639	-1.3819	0.658417	0.833102	-1.20033	0.464682	0.392213	-2.54964		0.529541	0.769976	-1.29874	0.324373	0.329184	-3.03781	0.454839	0.731671	-1.36673	0.0469445	0.393233	-2.54302	1.76657	4.7392	2.37121	1
cg08968889	TRAM2	0.215155	0.265555	0.642373	-1.55673	0.240112	0.599294	-1.66863	0.183483	0.860314	-1.16102	0.707404	1.23175	1.23175	0.0779555	1.287705	1.287705		0.859276	1.12289	1.12289	0.0134772	1.202706	1.202706	0.0274704	1.34107	1.34107	0.2819394	1.45272	1.45272	1.76657	2.00527	1.00263	1
cg22105702	FRAS1;FRAS1	0.215156	0.191306	0.842793	-1.18653	0.875372	-1.01959	-1.01959	0.766283	1.03754	1.03754	0.675406	1.05344	1.05344	0.201903	0.846552	-1.18126		0.06164143	0.770873	-1.29723	0.029097	0.727642	-1.3743	0.682518	1.05216	1.05216	0.721693	1.04521	1.04521	1.76657	0.430013	0.215153	1
cg13641692	RAB24;RAB24;PRELID1	0.215156	0.5750071	1.49488	1.49488	0.506788	1.61299	1.61299	0.297943	1.35088	1.35088	0.254884	2.32478	2.32478	?	?	?		0.618526	1.42807	1.42807	0.0302552	1.158331	-1.61012	0.330887	1.496105	-2.0157	0.382199	1.23546	1.23546	1.76659	12.6585	7.09321	1
cg24661274	MAP1B	0.215146	0.0669808	0.222193	-4.50058	0.710212	0.760772	-1.31445	0.554378	1.54976	1.54976	0.56564	0.573129	-1.74481	0.0556368	0.204183	4.89757		0.238528	0.440798	-2.26948	0.0325678	0.160003	-6.24988	0.904928	0.955082	-1.04703	0.478447	0.58984	-1.69538	1.76653	15.0995	7.55505	1
cg07456681	NTAN1	0.215151	0.0796682	0.319154	-3.13329	0.180363	2.30545	2.30545	0.781988	0.849691	-1.1769	0.411355	0.610653	-1.63759	0.0500476	0.269283	-3.71357		0.966661	0.975758	-1.02484	0.0999292	0.346967	-2.88212	0.668357	1.28795	1.28795	0.490779	0.663011	-1.50827	1.76651	9.70005	4.85349	1
cg03079223	THBS2	0.215153	0.1432625	0.798145	-1.25285	0.0246537	0.85188	-1.17394	0.0433003	0.550466	-1.81684	0.0238307	0.348377	-2.87045	0.0417576	0.158188	-6.32205	0.302565	0.332543	3.00582	0.0165582	0.0165582	-1.5022	0.413125	0.50581	-1.97703	0.0165582	-1.5022	1.76651	7.84884	3.93934	1
cg27578730	MEGF6	0.215151	0.155374	0.744957	-1.34236	0.096909	1.42315	1.42315	0.152653	1.34535	1.34535	0.3899	0.843139	-1.18604	0.601521	0.902997	-1.10742		0.314543	1.22113	1.22113	0.946745	1.01302	1.01302	0.539221	0.88658	-1.12793	0.109144	0.712969	-1.40259	1.7655	1.05518	0.527966	1
cg04068784	C5orf75	0.215153	0.695087	0.738416	-1.35425	0.109485	3.83188	3.83188	0.272747	2.4079	2.4079	0.517492	1.65723	1.65723	0.325	0.457302	-2.18674		0.660047	0.715868	-1.39691	0.296271	0.434436	-2.30183	0.0390863	6.2861	6.2861	0.245507	2.54744	2.54744	1.7655	16.674	8.34299	1
cg01738805	MTMR15;MTMR15;MTMR15;MTMR15 DCAF4;DCAF4;DCAF4;DCAF4;DCAF4;DC	0.215154	0.311648	1.25057	1.25057	0.645307	1.10408	1.10408	0.0195327	1.8274	1.8274	0.149552	1.39108	1.39108	0.0409053	1.65987	1.65987		0.980109	1.00534	1.00534	0.853659	0.961324	-1.04023	0.311865	1.25043	1.25043	0.658862	1.09956	1.09956	1.7655	1.28392	0.642421	1
cg04900915	AF4;DCAF4;DCAF4;DCAF4;DCAF4	0.215158	0.148645	1.98081	1.98081	0.265676	1.66824	1.66824	0.184056	1.86218	1.86218	0.995812	1.00232	1.00232	0.180523	0.533974	-1.87275		0.126438	0.482159	-2.07401	0.219522	1.76769	1.76769	0.231081	1.74068	1.74068	0.345176	1.53569	1.53569	1.77647	5.47728	2.74065	1
cg24167740	TFPT	0.215159	0.255668	0.557316	-1.79417	0.0975341	1.78795	1.78795	0.1188	1.84539	1.84539	0.904607	-1.41905	0.0388888	0.307676	3.24806	0.0152856	0.0503734	-2.1732		0.0885137	1.00922	1.00922	0.0123999	0.530749	-1.75208	0.247115	0.8533	-1.17221	0.124764	0.752236	-1.32967	1.76647	0.845721	0.413189	1
cg20393860	RGL2;RGL2	0.215177	0.315282	1.18687	1.18687	0.693081	0.936648	-1.06764	0.458281	0.88298	-1.13253	0.717054	1.06189	1.06189

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5638 vs. N)	Fold-Change(5638 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg06784991	ZYG11A		0.857472	0.949076	-1.05356	0.405411	1.32575	1.32575	0.841907	0.935988	-1.06839	0.599732	0.8339111	-1.19174	0.352804	0.728538	-1.37261												
cg22600043	RSPO2		0.215375	0.74223	1.15311	1.15311	0.166519	1.89025	1.890225	0.606085	0.798897	-1.25173	0.263777	1.65336	1.65336	0.227076	0.578468	1.7287											
cg16706496	ANKRD39		0.215378	0.818918	0.957751	-1.04411	0.232903	0.790201	-1.2655	1.38893	0.846867	-1.18082	0.394589	1.17838	1.17838	0.932507	0.984181	-1.01607											
cg25148117	SLCO5A1;SLCO5A1;SLCO5A1		0.215385	0.987134	0.995232	-1.00479	0.171648	0.649634	-1.53913	0.321179	0.738003	-1.35501	0.970636	1.01097	1.01097	0.661334	0.535168	-1.86859											
cg14882082	WDR25;WDR25		0.215385	0.183959	0.444036	-2.25207	0.029744	4.46164	4.46164	0.614333	0.74628	-1.33998	0.686021	0.791293	-1.26375	0.254651	0.504054	-1.98392											
cg05112892	GPHBP1		0.215388	0.181326	0.737907	-1.35518	0.602049	0.893432	-1.11928	0.934465	0.585597	-1.69607	0.717236	0.925059	-1.08101	0.054168	0.628114	-1.59207											
cg16263367	ZNF761;LOC147804		0.215391	0.0611548	3.10439	3.10439	0.08183203	2.81598	2.81598	0.177747	2.15749	2.15749	0.283273	1.81947	1.81947	0.265093	1.86556	1.86556											
cg02059148	MED12L		0.215395	0.727862	1.06913	1.06913	0.660258	1.02428	1.024283	0.229556	0.795059	-1.37379	0.28136	1.23892	1.23892	0.0561617	1.51266	1.51266											
cg12632340	MTCH2		0.215396	0.810859	1.05792	1.05792	0.158735	1.42441	1.424441	0.351884	1.04605	-1.14135	0.590501	1.24806	1.24806	0.3810448	1.2349	1.2349	0.507118	0.851716	1.1741								
cg25060172	CDK12		0.215397	0.0319533	47.4428	47.4428	0.9641655	0.933337	-1.07142	0.234448	6.77893	6.77893	0.219609	7.25866	7.25866	0.935586	1.13215	1.13215											
cg02325300	UMOD;UMOD		0.21514	0.754548	0.95402	-1.04842	0.5196495	0.710753	-1.40707	0.153844	1.23842	-1.08103	0.914909	0.988511	-1.01174	0.41044	1.27854												
cg19150467	PTDSS2		0.215404	0.579018	0.811793	-1.23184	0.0702683	2.123	2.123	0.0220303	2.77812	2.77812	0.518209	1.27596	1.27596	0.361453	1.41767	1.41767											
cg19030205	PTPN9;PTPRK		0.215406	0.361071	0.830295	-1.20439	0.25091	0.784498	1.28233	0.469411	1.16495	1.16495	0.89567	0.974347	-1.02633	0.621406	1.1036	1.1036											
cg19649175	ZNF446		0.215411	0.153174	1.38209	-1.27693	0.234313	1.23235	1.23235	0.0442379	1.44675	1.44675	0.337988	0.820756	-1.21839	0.268212	0.81569	-1.20237											
cg11262874	ZNF681		0.215413	0.996017	0.99958	-1.00042	0.287849	0.911337	-1.09729	0.793678	0.978182	-1.0223	0.783706	1.02342	1.02342	0.942928	0.875927	-1.14165											
cg13735965	ZNF616		0.215416	0.01796	1.78218	1.29218	0.203387	1.98269	1.98269	0.176868	2.06808	2.06808	0.858917	1.09537	1.09537	0.0183303	1.47287	1.47287											
cg08412941	ATF6B;ATF6B		0.215417	0.913241	0.980444	-1.01995	0.163063	1.3097	1.3097	0.0716258	1.43982	1.43982	0.368668	1.18213	1.18213	0.207143	1.27261	1.27261											
cg01605138	SUCAA11		0.215419	0.366137	1.08986	1.08986	0.21342	0.685204	-1.4942	0.0222138	0.450096	-2.20704	0.780161	1.08408	1.08408	0.207331	1.46765	1.46765											
cg05176959	C7orf50;C7orf50;C7orf50		0.215419	0.367562	1.3607	1.3607	0.0419843	1.18114	2.18114	0.113263	1.56667	-1.7647	0.691666	1.14185	1.14185	0.590501	1.12547	1.12547											
cg21043572	DHX58		0.2152	0.823686	0.894844	-1.11751	0.129481	2.2605	2.2605	0.0330188	3.45988	3.45988	0.163408	2.09719	2.09719	0.524114	1.37908	1.37908											
cg06835336	LIMBTL4		0.215424	0.0569153	0.84913	-1.17756	0.0996706	1.4556	1.4556	0.0472858	1.28532	1.28532	0.736427	0.932218	-1.07275	0.418255	1.17854	1.17854											
cg19179910	MUC21		0.215425	0.38776	1.75219	1.75219	0.624237	0.731389	-1.36726	0.896738	1.08575	1.08575	0.0926235	1.23006	1.23006	0.26406	1.33009	1.33009											
cg13547299	TOLLIP;OC255S12		0.215437	0.240497	1.15359	1.15359	0.387219	1.16798	1.29218	0.203387	1.96269	1.96269	0.0172	1.13857	1.13857	0.307404	1.03711	1.03711											
cg19609242	OSMR;OSMR		0.215445	0.132431	1.26867	1.26867	0.204506	0.821818	-1.21681	0.44462	0.892066	-1.12099	0.677991	0.940639	-1.06311	0.597847	0.924946	-1.08114											
cg03995238	CDK16;CDK16		0.215447	0.039748	0.388193	-2.57604	0.855209	0.929883	-1.0754	0.774908	0.892166	-1.12087	0.289046	1.5496	1.5496	0.245641	1.62137	1.62137											
cg27633016	TLN2		0.215458	0.624405	0.90039	-1.11063	0.535464	0.872291	-1.14641	0.0720629	0.645884	-1.54827	0.251825	1.29777	1.29777	0.517033	0.864983	-1.15609											
cg00746864	PITPNC1;PITPNC1		0.215463	0.186553	0.328733	-3.04198	0.34526	0.461931	-2.16483	0.653941	0.702873	-1.42273	0.611237	0.665452	-1.50274	0.135624	0.278636	-3.58892											
cg16270167	BMP6		0.215467	0.277817	0.739772	-1.35177	0.248316	0.631998	-1.58207	0.403809	0.948319	-1.0545	0.915099	1.03778	1.03778	0.826326	0.884551	-1.17055											
cg19525226	BCL7A;BCL7A		0.21547	0.700142	1.10649	1.10649	0.0608503	0.575485	-1.73766	0.381148	1.26477	1.26477	0.280809	0.745966	-1.34054	0.441879	1.22759	1.22759											
cg23325997	CLEC18;CLEC18		0.215478	0.642262	0.754699	-1.32503	0.192248	2.29409	2.29409	0.944226	0.958783	-1.04299	0.16517	0.410398	-2.43666	0.0428632	0.246074	-4.06383											
cg05071974	EIF4EBP3;ANKHD1-EIF4EBP3		0.215483	0.0569153	0.84913	-1.17756	0.0996706	1.4556	1.4556	0.0472858	1.28532	1.28532	0.736427	0.932218	-1.07275	0.418255	1.17854	1.17854											
cg06714088	DUSP27		0.215484	0.0197804	0.206772	-4.83624	0.355688	0.532619	-1.87751	0.146573	0.35587	-2.81002	0.346288	0.525664	-1.90236	0.0991237	0.301585	-3.31582											
cg00465596	HIVEP1;HIVEP3		0.215484	0.842354	0.878502	-1.1383	0.2693257	0.771515	-1.29707	0.313159	1.12317	1.12317	0.0191	1.13849	1.13849	0.334318	1.05581	1.05581											
cg25227364	MAMSTR;MAMSTR		0.215494	?	?	?	0.0560557	0.622739	-1.60581	0.0743238	0.647136	-1.54537	0.434501	0.839858	-1.19068	0.258941	0.772771	1.29404											
cg03517712	KIF1B		0.215495	0.970203	1.02674	1.02674	0.0432625	5.16731	5.16731	0.041973	5.23638	5.23638	0.888484	1.094	1.094	0.198377	0.38281	-2.61226											
cg25432902	DNAAZ2		0.215495	0.147543	1.09222	-1.09222	0.129293	1.65397	1.65397	0.132852	1.55526	1.55526	0.759099	1.08115	1.08115	0.0776955	1.59524	1.59524											
cg17714807	PTPN2;PTPN2;PTPRN2		0.215497	0.325996	0.508589	-1.96622	0.795238	1.18933	1.18933	0.197295	2.48103	2.48103	0.621386	0.717554	-1.39362	0.183576	0.390381	-2.5616											
cg09100011	UNC5C		0.215503	0.180382	1.42098	1.42098	0.0833191	1.17232	1.91839	0.0856588	-1.11646	0.124765	0.833883	0.93883	?	0.0388451	0.0753508	?											
cg12528713	FGF5;FGF5		0.215513	0.871753	0.955067	-1.04705	0.163697	0.615385	-1.625	0.207846	0.685291	-1.45923	0.853804	1.05388	1.05388	0.0785952	0.573544	1.74355											
cg06320982	SLC38A7		0.215516	0.177781	1.30734	1.30734	0.207443	0.779762	-1.28244	0.276658	0.809172	-1.23583	0.15131	1.33341	1.33341	0.982251	1.00417	1.00417											
cg10031532	SCAND3;SCAND3		0.215521	0.364572	1.18973	1.18973	0.0883204	0.883372	-1.1317	0.14682	0.8572	-1.16672	0.384955	1.08588	-1.11646	0.124765	1.18407	1.18407	0.127716										
cg21829420	MYH13		0.215522	0.55511	0.948148	-1.06213	0.779975	0.972118	-1.02868	0.939027	0.786757	-1.27104	0.145277	1.17108	1.17108	0.11651	1.1879	1.1879											
cg12783790	GJB6;GJB6;GJB6		0.215525	0.824681	1.06491	1.06491	0.5354664	0.872291	-1.14641	0.0720629	0.645884	-1.54827	0.251825	1.29777	1.29777	0.517033	0.864983	-1.15609											
cg19492041	SPOPL;SPOPL		0.215525	?	?	?	0.382364	3.06678	3.06678	?	?	?	0.738391	0.658426	-1.51877	0.0286371	0.0367821	-27.1872											
cg19707179	RPTOR;RPTOR		0.215528	0.823722	0.928997	-1.07641	0.263648	0.680876	-1.4687	0.117539	0.572395	-1.74705	0.868205	1.00146	1.00146	0.912192	0.992292	0.992292	0.869415										
cg19064339	UCP2;UCP2		0.215528	0.442346	1.33033	1.33033	0.0719042	0.475882	-2.10136	0.273907	0.51611	1.51611	0.203534	0.63202	-1.58202	0.281907	0.664544	-1.50479											
cg26246897	LOC729467		0.215532	0.0318521	57.304	57.304	0.504033	2.978	2.978	0.980929	1.03922	1.03922	0.190168	9.32818	9.32818	0.100726	18.0545	18.0545											
cg13704678	SEC13;SEC13;SEC13;SEC13;SEC13		0.215533	0.913657	0.97998	-1.02051	0.703885	0.928297	-1.07724	0.553648	0.888444	-1.12379	0.310869	1.12168	1.12168	0.425638	1.1717	1.1717											
cg00267862	TNRC18		0.21554	0.26498	0.764336	-1.30833	0.711233	0.08983	1.08983	0.489963	1.17613	1.17613	0.647245	1.11247	1.11247	0.0680004	0.623237	1.60453											
cg10593624	PTPN2;PTPN2;PTPN2		0.215546	0.98542	1.00323	1.00323	0.408738	1.13184	1.13184	0.26815	0.836074	-1.22538	0.270605	0.816993	-1.2242	0.286739	0.822933	-1.21521											
cg08686311	FAM110A;FAM110A;FAM110A		0.215546	0.0583793	0.832044	-1.02807	0.197824	0.494065	-2.02402	0.287615	0.5622	-1.77883	0.0885992	0.50622	-1.97633	0.0885992	0.383262	-2.60918											
cg21823072	SCARA5		0.215547	0.0853828	0.313215	-3.19269	0.759773	1.20589	1.20589	0.0117197	0.171959	-5.81532	0.184737	0.423715	-2.36008	0.220992	0.455946	-2.19324											
cg03086875	RNF187		0.215551	0.0303235	0.441966	-2.26321	0.175639	1.77477	1.77477	0.0138229	1.60618	1.60618	0.0139	1.60062	1.60062	0.0014275	1.44593	1.44593											
cg27817706	ACOT7;ACOT7		0.215554	0.128604	0.211434	-4.7296	0.638766	0.639349	-1.56409	0.864067	1.17599	1.17599	0.346703	0.399825	-2.5011	0.050954	0.122042	-8.19388											
cg16145821	YIF1A		0.215554	0.699506	0.943207	-1.05797	0.280063	0.849469	-1.17721	0.225963	0.831325	-1.2029	0.284903	0.850965	-1.17514	0.404526	0.883451	-1.13192											
cg11787367	PSMD8		0.215554	0.0858615	0.781876	-1.27898	0.126563	0.807161	-1.23891	0.850673	0.975866	-1.02473	0.695475	1.05232	1.05232	0.403405	1.09435	1.09435											
cg19468504	EPDR1		0.215557	0.431414	1.10972	1.10972	0.471317	1.09966	1.09966	0.193609	1.19522	1.19522	0.478653	0.910848	-1.09788	0.787112	1.01572	1.01572											
cg02212009	TEAD1		0.215558	0.523822	1.08409	-1.08409	0.176982	0.945512	-1.0571	0.952194	1.00463	-1.00463	0.497254	1.04848	-1.04848	0.0206603	0.872524	1.04848											
cg16111190	DDR1;DDR1;DDR1 PLEC1;PLEC1;PLEC1;PLEC1;PLEC1		0.215562	0.742093	1.09041	1.09041	0.190047	0.163065	0.676732	-1.47769	0.0919404	0.614723	-1.62675	0.552021	1.17093	1.17093	0.501718	0.836253	1.19581										
cg23209254	PLEC1;PLEC1		0.215563	0.0666971	0.599369	-1.66842	0.318706	1.2925	1.2925	0.32783	0.777656	-1.28592	0.0673336	0.600252	-1.66597	0.764417	0.927903	-1.0777											
cg02896354	MORN1		0.215565	0.649792	0.898793	-1.1126	0.77614	1.06881	1.06881	0.0866803	0.457776	-2.18448	0.468091	0.841698	-1.18807	0.995757	0.99876	-1.00124											
cg14735227	SFXN1		0.215569	0.992078	0.998232	-1.00179	0.715363	1.13101	1.13101	0.0592724	1.12578	1.12578	0.176434	0.888503	-1.12536	0.224605	0.776394	-1.28807											
cg25141943	RF2BP2;RF2BP2		0.215578	0.205538	2.57872	2.57872	0.0498786	4.88612	4.88612	0.225355	2.46741	2.46741	0.464851	1.69489	1.69489	0.0263845	0.45137	0.45137											
cg08400124	SMOD1;SMOD1		0.215585	0.924284	4.70972	4.70972	0.803371	0.858372	-1.1644	0.114	0.68988	1.69798	0.554933	0.880511	1.88161	0.0440213	0.884451	1.88161											
cg19628148	CCDC37		0.215589	0.0459457	29.1839	29.1839	0.8960528	0.264679	-1.21259	0.875699	0.793854	-1.25968	0.669255	0.530607	-1.88464	0.335262	0.230979	4.3294											
cg24305835	SDHB;SDHB		0.215591	0.972628	1.02683	1.02683	0.515696	1.66479	1.66479	0.201295	0.349858	-2.8583	?	?	?	0.902332	0.906903	-1.09938											
cg12145085	DPF3		0.215593	0.72111	1.3138	1.3138	0.0769815	0.7028	-1.42268	0.1021	0.56142	-1.7821	0.254194	1.04848	-1.04848	0.0206603	0.872524	1.04848											
cg03398002	KIAA1026;KIAA1026;KIAA1026;KIAA102 6;KIAA102		0.215602	0.34147	1.64346	1.64346	0.629067	0.781379	-1.27979	0.0250129	3.86324	3.86324	0.0884415	2.59263	2.59263	0.660594	1.25101	1.25101											
cg05228738	POLR3E		0.215605	0.622367	0.83997	-1.19052	0.0423955	2.27313	2.27313	0.0362914	2.35162	2.35162	0.693572	0.870129	-1.14926	0.390176	1.1625	1.1625											
cg17772535	GNS		0.215606	0.757338	0.92375	-1.08254	0.467648	0.82768	-1.2082	0.907608	1.03016	1.03016	0.423695	0.81131	-1.23257	0.615512	1.13836	1.13836											
cg18282766	NIN1		0.215608	0.244807	1.19161	1.19161	0.2135	0.702288	-1.42392	0.282101	1.93655	1.93655	0.0138	1.10732	1.10732	0.262629	0.823821	1.23386	0.0895257	0.729388	1.36428								
cg04398332	SNED1		0.215608	0.0560498	0.525681	-1.90229	0.178634	0.654031	-1.52898	0.235915	0.691375	-1.44639	0.607003	0.857129	-1.16659	0.174443	0.650996	1.53611											
cg14560104	PLEKHG5		0.215611	0.074741	1.34098	1.34098	0.4658234	1.16166	1.16166	0.0855	1.44935	1.44935	0.0206	1.64528	1.64528	0.0144259	2.30296	2.30296	0.0383318	1.61203	1.61203								
cg25528810	DI;OC4O1		0.21561	0.811021	0.969568	-1.03139	0.4460009	1.34317	1.34317	0.359589	1.12932	1.12932	0.93485	1.01571	1.01577	0.853153	0.976378	1.02419											
cg17444433	PPFIA3;C19orf73;PPFIA3		0.21561	0.305257	0.728337	-1.37299	0.25034	1.43144	1.43144	0.08266	1.77519	1.77519	0.107067	0.59139	-1.69093	0.330341	1.34977	1.34977											
cg02424450	LOC728875		0.215613	0.0519466	0.688297	-1.45286	0.218426	0.803589	-1.24442	0.703803	1.06007	1.06007	0.467695	1.13295	1.13295	0.722932	1.06198	1.06198											
cg07611666	MBP;MBP;MBP;MBP;MBP;MBP		0.215615	0.450303	1.2155	1.2155	0.4554655	1.26693	1.26693	0.138046	1.02723	1.02723	0.8309	0.837814	-1.19307	0.0115643	1.20447	1.20447											
cg04944410	ZNRF2		0.215618	0.196923	0.677362	-1.47632	0.952574	0.98316	-1.01713	0.0233471	2.16797	2.16797	0.755954	0.914823	-1.09311	0.737345	0.908361	-1.10088											
cg03074888	RAX		0.215623	0.365351	0.79701	-1.33483	0.819681	1.07347	1.07347	0.363475	1.03738	-1.16815	0.565956	0.924977	-1.08126	0.260748	0.916547	-1.09108											
cg04181321	ZNF71		0.215623	0.59587	0.796951	-1.25511	0.3704288	0.754276	-1.32592	0.282101	1.93655	1.93655	0.138357	1.10732	1.10732	0.262629	0.823821	-1.21386	0.0895257	0.729388	1.36428								
cg10398288	MFSD4		0.215635	0.740807	1.07161	1.07161	0.054838	1.57421	1.57421	0.764066	0.940241	-1.06356	0.746461	1.06993	1.06993	0.190454	1.33494	1.33494											
cg10075511	MAD1L1;MAD1L1;MAD1L1		0.215635	0.363581	0.79701	-1.33483	0.819681	1.07347	1.07347	0.363475	1.03738	-1.51512	0.519491	0.924977	-1.08126	0.164904	0.916547	-1.09108											
cg11689813	ACTA1		0.215636	0.24263	0.54075	0.54075	0.150837	0.84688	0.84688	0.268985	0.42999	0.42999	0.190735	0.61765	0.61765	0.0595933	0.70286	0.70286											
cg07810106	SLC23A4		0.215638	0.831557	1.04695	1.01686	0.0863755	1.16166	1.16166	0.91958	0.933629	-1.07109	0.293506	0.917234	-1.09011	0.409844	0.977107	-1.06916											
cg19088444	ANKA		0.215642	0.846665	0.94595	-1.05695	0.4658234	1.16166	1.16166	0.0855	1.44935	1.44935	0.0206	1.64528	1.64528	0.0144259	2.30296	2.30296	0.0383318	1.61203	1.61203								
cg11878254	C1QL4		0.215642	0.104965	0.569276	-1.75662	0.289006	0.705187	-1.41806	0.0155298	0.389145	-2.56974	0.978571	0.991495	-1.00858	0.711672	0.582513	-1.7167											
cg00512964	NSMCE1		0.215644	0.1333	0.79226	-1.26214	0.588153	0.752615	-1.3286	0.816319	1.18159	1.18159	0.0842	0.882019	-1.13359	0.264659	0.908443	-1.10076											
cg07537896	TECTA		0.215648	0.369257	0.850188	-1.17621	0.0911728	1.38744	1.38744	0.320022	1.19824	1.19824	0.366858	0.849458	-1.17722	0.945557	1.01209	1.01209											
cg18185126	C21orf45		0.215653	0.842651	1.11991	1.11991	0.3703885	0.729298	-1.37118	0.216381	1.16901	1.16901	0.321845	1.19571	1.19571	0.938361	1.02134	1.02134											
cg03465206	CPE		0.215655	0.68763	1.62653	1.62653	0.114182	0.386355	-2.58829	0.242186	0.530003	-1.96077	?	?	?	0.0346529	0.251966	3.96879											
cg00429586	ELOVL6;ELOVL6		0.215655	0.49453	0.933562	-1.07117	0.0888418	1.20442	1.20442	0.0312376	1.28466	1.28466	0.182006	1.15072	1.15072	0.11895	1.1826	1.1826											
cg00074488	RAX		0.215659	0.39343	0.74903	-1.33509	0.3209	0.765501	-1.30609	0.2344	1.18865	1.18865	0.658275	0.938781	-1.06525	0.301485	0.990451	1.0408											
cg14863667	SFXN2		0.215659	0.892189	1.02835	1.02835	0.0878916	0.678223	-1.47444	0.376778	1.20559	1.20559	0.415021	1.18944	1.18944	0.305337	1.24459	1.24459											
cg26578609	LOC100130015;LOC100130015		0.215661	0.609465	0.799369	-1.25103	0.39372	0.94012	1.06412	0.853923	1.08523	1.08523	0.709729	0.991935	-1.00812	0.964453	1.03818	1.03818											
cg04589761	DGKG;DGKG;DGKG		0.215664	0.652275	1.13427	1.13427	0.884546	1.04118	1.04118	0.204673	1.45027	1.45027	0.259589	1.3513	1.3513	0.124196	0.629763	1.5879											
cg13570658	CENPP;OGN;OGN		0.215668	0.464043	0.783023	-1.27713	0.0656271	0.507589	-1.9701	0.202265	0.642839	-1.5556	0.374961	0.741658	-1.34813	0.0793	0.576502	1.20676											
cg03774158	PPP2CA		0.215672	0.222332	1.20018	1.20018	0.0933387	0.962609	-1.03896	0.0812	0.813979	1.22953	0.0495756	0.812	-1.23139	0.0795	0.724141	1.38053											
cg17409251	THEG;THEG		0.215675	0.088798	0.386272	-2.58885	0.787827	0.872235	-1.14648	0.973185	0.983111	-1.01718	0.515914	0.716193	-1.39627	0.0581255	0.337832	2.96005											
cg18507138	URIC1B		0.215679	0.147896	5.40128	5.40128	0.0745249	0.783823	2.83923	0.540668	0.538058	-1.85646	0.0225033	0.699071	-1.49127	0.0150576	0.377071	2.67305											
cg08336550	PGAM1		0.21568	0.837795	1.04645	1.04645	0.193366	0.737212	-1.35646	0.563264	1.1839	1.1839	0.497214	0.858409	-1.16495	0.647726	0.903116	1.10728											
cg06712089	QSOX2		0.215683	0.237376	0.706837	-1.41475	0.57953	1.16984	1.16984	0.304741	1.34703	1.34703	0.903881	0.968247	-1.03279	0.102487	0.606025	-1.6501											
cg15415953	C6orf195		0.215683	0.152255	1.10207	1.10207	0.449599	1.21674	1.21674	0.0703505	1.28546	1.28546	0.0196	1.09546	1.09546	0.815611	1.03013	1.03013											
cg00369613	TTC15		0.215687	0.43204	0.832697	-1.20092	0.179304	0.34899	-2.86499	0.176095	0.446056	-2.24159	0.770797	0.935476	-1.06897	0.0990294	0.612161	1.6343											
cg20640209	CLDN14;CLDN14		0.215689	0.0838392	0.631483	-1.58358	0.0455518	1.75776	1.75776	0.282881	1.97794	1.97794	0.631865	1.10031	1.10031	0.0155146	1.01201	1.01201											
cg00965154	SMTN;SMTN;SMTN GPER;ChrUn50;ChrUn50;GPER;ChrUn50;G PER		0.215689	0.195163	1.61974	1.61974	0.8815558	0.949301	-1.05341	0.625407	1.18754	1.18754	0.83158	0.928364

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(347T vs. N)	p-value(347T vs. 347 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg08063317	GABRB3;GABRB3	0.215777	0.494042	0.767678	1.30263	0.3391	0.687222	-1.45513	0.0365833	2.52122	2.522122	0.207186	1.65926	1.65926	0.583477	0.809937	0.534157	1.27085	1.27085	0.1084B3	0.513492	-1.59745	0.624082	1.35881	1.35881	0.8881I1	0.047829	-1.05504	1.77373	4.07111	2.0402	1
cg09793057	GTPBP3;GTPBP3;GTPBP3	0.215778	0.751668	0.877712	-1.11933	0.1175576	2.01046	2.01046	0.0474911	2.53821	2.53821	0.65747	0.832473	-1.20124	0.813413	0.907423	-1.10202		0.719969	0.862508	-1.15941	0.0353743	0.406281	-2.46135	0.916602	1.04398	1.04398	0.684403	0.845436	-1.18282	1.77373	4.74237	2.3766	1
cg00833703	KIFC3;KIFC3;KIFC3	0.21578	0.092657	2.3506	2.3506	0.645755	1.23835	1.23835	0.1704	0.509482	-1.96278	0.287028	1.66633	1.66633	0.806542	1.12	1.12		0.375057	0.656709	-1.52274	0.0623752	2.63501	2.63501	0.130233	2.1274	2.1274	0.906776	1.0556	1.0556	1.77372	5.99311	3.00341	1
cg06512849	MCC;MCC	0.215782	0.22192	1.569235	-1.75674	0.145225	0.503314	-1.98083	0.1321946	0.6382	-1.56691	0.148752	0.506754	-1.97334	0.226395	0.572635	-1.74631		0.0223428	0.300735	-1.32519	0.0476275	0.37	-2.7027	0.230178	0.575481	-1.73768	0.439894	0.707697	-1.41303	1.77371	5.41176	2.71208	1
cg17904068	CHFR;CHFR;CHFR;CHFR;CHFR	0.215784	0.407663	0.805364	-1.24167	0.264318	1.34629	1.34629	0.128399	1.52199	1.52199	0.829468	1.05667	1.0567	0.559093	0.893955	0.487956	-2.04936		0.371739	0.791058	-1.26413	0.836401	0.948527	-1.05427	0.965098	0.988879	-1.01125	0.667694	0.895494	-1.1167	1.7757	1.83482	0.919517	1
cg27588356	MAP3K4;MAP3K4	0.215784	0.0560138	2.02238	-4.94121	0.345475	0.488146	-2.04857	0.0254529	0.140848	-7.09986	0.539126	0.632106	-1.58201	0.397274	0.527422	-1.89602		0.59345	1.48842	1.48842	0.158727	0.328936	-3.04011	0.497323	0.66295	0.615011	0.687778	-1.45396	1.7737	35.1034	7.66929	1
cg11231349	NOS1AP;NOS1AP	0.215787	0.0860223	0.516692	-1.93539	0.0591314	0.475086	-2.10488	0.814493	0.921185	-1.08556	0.499329	0.787097	-1.27064	0.0250039	0.393987	-2.53816		0.135878	0.570452	-1.753	0.201753	0.624489	-1.60131	0.837338	0.930717	-1.07444	0.788002	0.910157	-1.09871	1.77369	3.42603	1.71741	1
cg08071330	LOC646498	0.215788	0.0619864	1.587482	-3.47496	0.204098	0.329196	-3.0371	0.0413175	0.3320321	0.368066	-2.71691	0.941369	1.0461	1.04614	0.645694	0.290949	-3.89207		0.934432	1.05002	1.05002	0.373576	0.507951	-1.96869	0.982013	1.01346	1.01346	0.979564	0.984921	-1.01531	1.77368	9.8839	4.95197	1
cg14539664	MLLT3	0.215794	0.981066	1.0928	1.00725	0.174775	1.11825	1.11825	0.095352	1.74712	1.74712	0.210522	1.49448	1.49448	0.254429	1.43673	1.43673	1.43673		0.251087	0.694086	-1.44074	0.80994	0.929257	-1.07613	0.193867	1.51983	1.51983	0.0323163	2.14519	2.14519	1.77366	2.60479	1.30542	1
cg16822666	ACACA;ACACA;ACACA;ACACA;ACACA;ACACA;ACACA;ACACA	0.215796	0.724834	1.11414	1.11414	0.934177	0.975055	-1.02558	0.309016	1.37985	1.37985	0.668734	1.86456	1.86456	0.906718	1.0365	1.0365		0.209502	0.667308	-1.49856	0.0862016	0.560037	-1.7856	0.227933	0.679065	-1.47261	0.301253	1.38757	1.38757	1.77365	2.62719	1.31665	1
cg07342723	PR64;PRH1;TAS2R50	0.215797	0.61205	1.22091	1.22091	0.895501	1.05262	1.05262	0.117277	0.514795	-1.94252	0.892358	0.948531	-1.05426	0.0124418	0.297041	-3.36654		0.918007	0.960893	-1.0407	0.353509	0.689979	-1.44932	0.669771	1.18226	1.18226	0.217207	0.602483	-1.6598	1.77365	4.27858	2.14427	1
cg27607898	PECI;PECI;PECI;PECI	0.2158	0.0406632	0.534569	-1.8056	0.223272	1.41889	1.41889	0.0158865	1.43536	1.43536	0.851674	1.05239	1.05239	0.346023	0.767384	-1.30313		0.248774	1.38944	1.38944	0.827522	0.942326	-1.06134	0.889403	0.962775	-1.03866	0.165255	1.49752	1.49752	1.77363	2.09083	1.04786	1
cg15798516	LOC647288	0.215808	0.826082	1.07475	1.07475	0.640003	1.16686	1.16686	0.304065	0.705604	-1.41723	0.781127	1.09554	1.09554	0.0499418	0.480736	-2.08014		0.849283	0.939579	-1.06431	0.294681	1.42766	1.42766	0.970318	0.987685	-1.01226	0.0282115	0.427899	-2.337	1.7736	3.01459	1.51085	1
cg01008839	NET1;NET1	0.215811	0.96507	1.01973	1.01973	0.0208232	0.289079	-3.45926	0.0360046	0.337008	-2.96729	0.188941	0.53746	-1.8606	0.755453	0.871998	-1.14679		0.380951	0.669708	-1.49319	0.201331	0.983	-1.01729	0.410284	0.686844	-1.45594	1.77358	5.5905	2.80186	1
cg05805987	EIF3E	0.215813	0.0245643	0.596356	-1.37628	0.509025	0.07903	1.07903	0.0970083	1.24262	1.24262	0.914717	1.01286	1.01286	0.183614	1.18324	1.18324		0.59345	1.48842	1.48842	0.158727	0.328936	-3.04011	0.497323	0.66295	0.615011	0.687778	-1.45396	1.7737	35.1034	7.66929	1
cg05998426	RIN1;RIN1	0.215818	0.0625476	0.468519	-2.13439	0.462784	0.74563	-1.34115	0.545167	1.24795	1.24795	0.108023	0.530298	-1.88573	0.0825487	2.00485	2.00485		0.308288	0.682866	-1.46442	0.285097	0.669227	-1.49426	0.60544	0.828194	-1.20745	0.943133	0.974524	-1.02614	1.77355	3.67552	1.84214	1
cg25598898	MRLT78;LOC400931	0.215821	0.984374	1.06588	1.02088	0.283057	1.40418	1.40418	0.252027	1.43719	1.43719	0.213637	1.48734	1.48734	0.240944	0.692839	-1.44334		0.358573	1.19129	1.19129	0.182724	1.52751	1.52751	0.0182746	2.38271	2.38271	0.73814	1.10705	1.10705	1.77354	2.58063	1.2934	1
cg24339935	TDRD7	0.215822	0.408643	0.850894	-1.17523	0.374454	1.19164	1.19164	0.252803	1.26283	1.2733	1.2733	0.0151401	1.12203	1.12203	0.120883	1.12083		0.624844	0.910138	-1.09873	0.0175126	0.575541	-1.7375	0.763353	1.05933	1.05933	0.479009	0.872955	-1.14593	1.77353	1.02533	0.513893	1
cg18424431	TNXB	0.215825	0.121541	0.451313	-2.21575	0.528251	1.35372	1.35372	0.236276	0.555322	-1.80076	0.817506	0.896234	-1.11578	0.0237152	0.278114	-3.59564		0.264838	0.576485	-1.73465	0.136425	0.467431	-2.13935	0.127499	0.457906	-2.18385	0.322557	0.616116	-1.62307	1.77352	6.31009	3.16261	1
cg08365000	ERN1;ERN1	0.215828	0.545027	1.09018	1.09018	0.224259	1.51319	1.51319	0.317097	1.05861	1.05861	0.958469	1.00806	1.00806	0.159302	1.26762	1.26762		0.814627	1.03689	1.03689	0.788062	0.704838	-1.41916	0.557227	0.912512	-1.09561	0.0958138	0.9762	0.9762	1.09541	-1.00461	1.7751	0.668098	0.334853	1
cg03508801	SDF4;SDF4	0.215828	0.434627	1.9334	1.9334	0.0299199	8.26934	8.26934	0.0483834	0.64578	0.64578	0.641389	1.47391	1.47391	0.974424	0.974037	-1.02666		0.469971	0.544946	-1.83656	0.23955	0.361128	-2.7691	0.521508	1.29475	1.29475	0.854542	1.16389	1.16389	1.77351	19.2108	9.62851	1
cg19220838	PRR22;PRR22	0.215832	0.726048	1.063565	1.07751	0.0563152	0.631878	1.36478	0.0238704	0.732678	0.732678	0.29659	0.966116	0.966116	0.64237	0.715507	-1.39761		0.817769	0.952201	1.05021	0.332594	1.10966	1.10966	1.06536	1.06536	1.06536	0.997685	0.993232	0.57949	1.2004	0.0994	0.0497	1
cg25055892	LMOD2	0.215833	0.349845	0.651829	-1.53415	0.128954	0.482074	-2.07437	0.0524209	0.374961	-2.66693	0.488688	0.731382	-1.36728	0.071469	0.40853	2.4478		0.284585	0.609973	-1.63942	0.0308887	0.323945	-3.08694	0.921259	1.04495	1.04495	0.577479	0.778588	-1.28438	1.77349	5.55522	2.78433	1
cg22170936	TSPYL2	0.215837	0.12285	2.92708	-3.41637	0.67804	0.735793	-1.35908	0.903868	0.915032	-1.09286	0.139501	0.21761	3.21761	0.841247	0.47327	4.07327		0.209071	0.377916	-2.64609	0.171121	2.86996	2.86996	0.559119	0.645486	-1.54922	0.679095	0.736585	-1.35762	1.77347	15.1702	7.60354	1
cg04728413	LCP1	0.215838	0.131914	0.53932	-1.85395	0.247243	0.682084	-1.4661	0.142569	0.600473	-1.66516	0.238129	0.576532	-1.47813	0.0990398	0.676487	-1.47825		0.563524	1.83172	1.2883	0.656887	0.883485	-1.13188	0.474884	0.775934	-1.28877	0.0458836	0.695017	-1.4762	1.7746	2.80912	1.40797	1
cg23784046	HIGD1C	0.21584	0.0797593	0.361332	-2.76754	0.0729676	0.350967	-2.84927	0.311751	0.578179	-1.72957	0.94389	1.03754	1.03754	0.0330857	0.271304	3.6859		0.21237	0.50274	-1.9891	0.137926	0.433291	-2.30792	0.787586	1.15188	1.15188	0.548615	0.727773	-1.37406	1.77346	7.6986	3.85868	1
cg23407068	C2orf60;C2orf60;C2orf47	0.215842	0.723188	1.08967	1.08967	0.184476	0.837444	1.19411	0.365769	0.821541	1.21782	0.0571183	0.821541	1.21782	0.0571183	0.573149	-1.5124		0.913476	0.975443	1.02557	0.224451	1.46229	-1.33899	0.0708749	0.776688	1.28781	0.0457154	0.745284	1.44446	1.77345	1.66079	0.7766B8	1.2934	1
cg10147145	KIAA1688	0.215851	0.506405	0.896707	-1.11519	0.183442	0.760171	-1.31549	0.67909	0.934935	-1.06959	0.683448	1.06855	1.06855	0.852651	0.978924	-1.02153		0.175686	0.26221	-3.81372	0.0263748	0.197451	4.14648	0.109767	0.754316	-1.32571	0.0730703	0.946065	1.05601	1.77341	0.734584	0.368197	1
cg24496745	C1orf168;C1orf168	0.215854	0.572989	0.786994	-1.27066	0.0125877	3.68746	3.68746	0.153981	1.90004	1.90004	0.386478	1.45261	1.45261	0.923435	0.960377	-1.04126		0.769413	1.13159	1.13159	0.0996175	2.13618	2.13618	0.4927	1.34047	1.34047	0.777294	1.12666	1.12666	1.77339	4.56782	2.49005	1
cg08004426	AKTIP;AKTIP	0.215856	0.156963	1.53376	1.53376	0.0294243	1.31113	1.31113	0.0963963	1.76429	1.76429	0.17088	1.07808	1.07808	0.785675	0.92981	-1.07509		0.0216734	0.479026	-2.0875	0.0878962	0.656551	-1.52307	0.733123	1.0723	1.0723	0.26145	1.36707	1.36707	1.77339	3.20212	1.80354	1
cg22987011	QGAP2	0.215856	0.407786	0.598948	-1.66959	0.04787	0.254266	-3.93289	0.0582734	0.273778	-3.6526	0.890154	0.919752	-1.08725	0.148991	0.391856	-2.55196		0.235571	0.471188	-2.1223	0.467565	0.638046	-1.56728	0.194192	0.29671	2.29671	0.799043	0.856901	-1.167	1.77338	10.2925	5.15899	1
cg19590991	USP6NL;USP6NL	0.215858	0.153663	1.51078	1.51078	0.0561352	0.631878	1.36478	0.0238704	0.732678	0.732678	0.29659	0.966116	0.966116	0.64237	0.715507	-1.39761		0.817769	0.952201	1.05021	0.332594	1.10966	1.10966	1.06536	1.06536	1.06536	0.997685	0.993232	0.57949	1.2004	0.0994	0.0497	1
cg16766613	DCLK1	0.21586	0.407762	1.23946	1.23946	0.049288	2.01341	2.01341	0.734881	1.1183	1.11183	0.474164	1.25484	1.25484	0.0957851	1.76927	1.76927		0.284585	0.609973	-1.63942	0.0308887	0.323945	-3.08694	0.921259	1.04495	1.04495	0.577479	0.778588	-1.28438	1.77349	5.55522	2.78433	1
cg24109116	MBLAC1	0.215861	0.6098866	0.373363	-2.67836	0.414764	1.49961	1.49961	0.297904	0.591851	-1.68961	0.608216	0.777773	-1.28572	0.145306	0.467603	-2.13857		0.73742	0.849118	-1.17769	0.0401695	0.315852	-3.16604	0.878269	0.986348	-2.5881	0.47861	0.70459	-1.41926	1.77336	6.63574	3.32611	1
cg01349991	CTDSP2	0.215862	0.741076	1.08494	1.08494	0.2	0.687178	1.34327	0.0943734	0.828564	1.511	0.308938	1.47731	1.47731	0.979193	0.903824	-1.00971		0.807946	0.979105	1.04945	0.0373716	1.07483	1.07483	0.763761	1.17805	1.17805	0.903512	1.04597	1.04597	1.77336	1.85704	1.19332	1
cg15165590	FAM180B	0.215867	0.202522	0.452038	-2.2122	0.643759	1.31629	1.31629	0.502062	1.49486	1.49486	0.565479	0.709744	-1.40896	0.0518255	0.270947	-3.69076		0.4745	0.651022	-1.53605	0.0648666	0.294195	-3.3991	0.06104B	0.28764	-3.47656	0.393591	0.597038	-1.67482	1.77334	9.78085	4.90267	1
cg24903376	STIL;STIL	0.215872	0.912244	1.0144	1.0144	0.876376	1.14156	1.14156	0.213097	1.24054	1.24054	0.868378	0.922656	-1.08378	0.790321	1.03417	1.03417		0.987955	0.98988	1.00311	0.152488	1.07865	1.07865	1.00311	1.17865	1.17865	1.17865	1.17865	1.17865	1.77335	0.64507	0.223815	1
cg08700291	MORC4;MORC4	0.215873	0.25054	2.22605	2.22605	0.518173	0.646226	-1.54745	0.914501	0.627711	-1.59309	0.0656224	0.25233	-3.96306	0.0302642	0.183096	5.46162		0.339748	0.92662	1.92662	0.413995	0.573174	-1.74467	0.917457	0.93321	-1.07157	0.860855	0.896473	1.11548	1.77331	12.4755	6.25347	1
cg21428348	PIEX3	0.215874	0.368046	1.21727	1.21727	0.100392	0.681998	-1.46628	0.570208	0.885141	-1.12976	0.075155	0.52402	1.52402	0.207476	0.753784	-1.32664		0.158032	0.725464	-1.37843	0.588256	0.890273	-1.12325	0.555658	1.13513	1.13513	0.323168	0.804936	-1.24233	1.77331	1.26991	0.636558	1
cg08505954	WFDC12	0.215877	0.312912	1.50581	1.50581	0.0376376	1.14156	1.14156	0.213097	1.24054	1.24054	0.868378	0.922656	-1.08378	0.790321	1.03417	1.03417		0.987955	0.98988	1.00311	0.152488	1.07865	1.07865	1.00311	1.17865	1.17865	1.17865	1.17865	1.17865	1.77331	0.64507	0.223815	1
cg00032805	1-Mar	0.215878	0.0751019	1.37586	1.37586	0.754596	0.10178	2.10178	0.475233	1.124	1.124	0.101787	1.33423	1.33423	0.127179	1.31007	1.31007		0.927747	0.985505	-1.01471	0.106178	0.726723	-1.32851	0.429652	0.878279	-1.13859	0.894035	0.102169	1.02169	1.77329	0.727802	0.364867	1
cg26868799	SYVN1;SYVN1	0.215881	0.731968	1.08495	1.08495	0.2	0.687178	1.34327	0.0943734	0.828564	1.511	0.308938	1.47731	1.47731	0.979193	0.903824	-1.00971		0.807946	0.979105	1.04945	0.0373716	1.07483	1.07483	0.763761	1.17805	1.17805	0.903512	1.04597	1.04597	1.77329	1.85704	1.19332	1
cg13889934	ARHGAP24;ARHGAP24;ARHGAP24	0.215882	0.258732	0.479603	-2.08506	0.0713421	0.28482	-3.51099	0.3587	0.555144	-1.80134	0.404358	0.587396	-1.70243	0.186074	0.417191	-2.39698		0.312991	0.521642	-1.91703	0.0169717	0.162755	-6.1442	0.0854079	0.305516	-3.27315	0.307146	0.517246	-1.93332	1.77327	10.9206	5.4742	1
cg04734587	DNAH5	0.215884	0.152902	1.87152	1.87152	0.64475	0.287444	-3.47911	0.0636593	0.312722	0.312722	0.0624	0.35662	1.35662	0.0813159	0.452111	2.2185		0.389637	0.4364	-2.2916	0.0731955	1.12078	1.12078	0.0630554	0.960279	-2.56079	0.73725	0.459393	1.23782	1.77327	2.56079	1.44645	1
cg15681537	NCAM2;NCAM2	0.215885	0.0965259	0.560847	-1.78302	0.44114	1.28268	1.28268	0.191916	0.693933	-1.44933	0.634346	0.479885	-2.08775	0.761532	1.12252	1.12252		0.569834	0.833575	-1.19966	0.685715	1.13763	1.13763	0.487106	0.872816	1.12244	1.77325	2.82117	1.4168	1
cg11417092	C7orf50;C7orf50;C7orf50	0.215888	0.273338	0.763394	-1.30994	0.778398	0.935369	-1.0691	0.265393	1.33636	1.33636	0.432575	1.2141	1.2141	0.494155	0.848375	-1.17872		0.0295173	0.544998	-1.83487	0.126531	0.676081	-1.47911	0.732438	1.08814	1.08814	0.208291	0.730392	-1.36913	1.77324	1.57518	0.789604	1
cg23132695	ALX	0.215896	0.705064	1.14139	1.14139	0.429413	1.01313	1.01313	0.0963963	1.76429	1.76429	0.17088	1.07808	1.07808	0.785675	0.92981	-1.07509		0.887873	0.9063	1.07993	0.157597	1.21905	1.21905	0.680884	1.25109	1.25109	0.515758	1.42678	1.42678	1.77323	2.64125	1.5312	1
cg14586673	KCNN2;KCNN2	0.215895	0.302451	0.786002	-1.27226	0.893102	0.970148	-1.03077	0.0568486	1.62555	1.62555	0.180448	0.725715	-1.37795	0.485188	0.811572	-1.17485		0.94545	0.984694	-1.01554	0.0755281	0.640202	-1.56201	0.343839	1.24584	1.24584	0.370749	0.812873	-1.2302	1.77322	1.427	0.715333	1
cg09560281	CLDN14	0.215895	0.28638	0.445134	-2.24511	0.0153211	0.517864	1.47718	0.0378941	0.737207	-1.54312	0.968348	0.971801	-1.02892	0.483358	0.609204	-1.65828		0.366841	0.815906	-1.22546	0.498447	0.706217	-1.41593	0.516441	1.69633	0.949236	1.05507	1.10507	1.77321	1.4998	7.26417	3.66157	1
cg22045253	ATP13A2;ATP13A2;ATP13A2	0.2159	0.0810813	0.547887	-1.82519	0.0547877	0.50784	-1.96924	0.0833258	0.550809	-1.81551	0.553328	0.749373	-1.3456	0.241101	0.676563	-1.47806		0.624574	0.857754	-1.16584	0.0560447	0.0501158	-19.9933	0.0431539	0.624537	-1.60153	0.191551	0.650422	-1.53746	1.77319	2.71789	1.36246	1
cg05731991	PAPOLG	0.215902	0.166155	1.33851	1.33851	0.351655	1.20837	1.20837	0.876651	1.03115	1.03115	0.558724	1.12385	1.12385	0.141705	1.18468	1.18468		0.415368	1.17867	1.17867	0.0255876	0.592311	-1.6883	0.375101	1.19692	1.19692	0.198513	1.30776	1.30776	1.77318	1.09497	0.548905	1
cg23053275	REL	0.215904	0.506234	0.861205	-1.16135	0.980087	0.959509	-1.04236	0.560905	0.90446	-1.1054	0.0110927	0.50089	-1.99602	0.0117852	0.307107	-3.25545		0.116786	0.37263	-2.68355	0.0905594	0.1042	-9.59693	0.0422552	0.22891	-4.36995	0.0158863	0.104431	-9.57611	0.95868	1.0431	0.416929	0.46929	1.77317	0.50871	0.255055	1
cg11240212	LOC100129716;AR8DC3	0.215909	0.396207	0.889634	-1.12406	0.109995	1.27031	1.27031	0.754745	0.958697	-1.04308	0.1277	0.80117	-1.24817	0.537409	0.91938	-1.08769		0.541514	0.920178	-1.08675	0.298517	0.864984	-1.15609	0.0798869	1.29898	1.29898	0.317893	1.14908	1.14908	1.77315	0.508781	0.255055	1
cg23417523	ADPRHL1	0.215911	0.390248	1.46771	1.46771	0.0555621	2.57428	2.57428	0.324868	0.53031	1.55031	0.775404	1.13213	1.13213	0.177183	0.855193	1.89886		0.338217	0.650332	-1.53768	0.0626127	0.832512	-1.20105	0.0760264	1.37734	1.37734	0.654172	0.821582	-1.21716	1.77314	5.33436	2.67415	1
cg11588317	MAML2	0.215912	0.539649	0.763017	-1.31059	0.0764293	0.423784	-2.35969	0.167551	0.526171	-1.90052	0.680355	0.834903	-1.19774	0.0324004	0.388021	2.57611		0.201323	0.555561	-1.79998	0.102082	0.458685	-2.18013	0.314978	0.572337	1.57237	0.0824741	0.432663	2.31127	1.77314	1.32793	2.67093	1
cg02902915	KCNA2	0.215914	0.728292	1.19037	1.19037	0.385093	1.5604	1.5604	0.06486	2.81791	2.81791	0.129814	2.26524	2.26524	0.329338	1.6537	1.6537		0.645708	0.793499	-1.26024	0.310285	0.591798	-1.68977	0.14042	0.427364	2.42764	0.0780336	2.66015	2.66015	1.77313	7.0113	3.51484	1
cg03259161	ALK	0.215916	0.753584	1.18716	1.18716	0.687645	1.00537	1.00537	-1.03113	0.0871673	1.14289	0.0171682	0.499339	-2.00275	0.0511361	0.680054	-1.47047		0.164147	0.606319	-1.64899	0.162595	0.695866	-1.43706	0.91793	0.975063	-1.02557	0.549861	1.15854	1.15854	1.77312	1.15854	0.832808	1
cg13588715	C4orf43;C4orf43	0.215916	0.771594	1.07825	1.07825	0.880188	0.961711	-1.03981	0.0668219	1.70209	1.70209	0.93289	0.97842	-1.02206	0.333757	0.772556	-1.2944		0.885372	0.963351	-1.03804	0.0545233	0.798473	1.75873	0.57425	1.15683	1.15683	0.0492405	1.78778	1.78778	1.77312	1.8814	0.943172	1
cg00008971	MMACHC;CCDC163P	0.215918	0.155954	1.50415	1.50415	0.0564554	1.31553	1.31553	0.0963963	1.76429	1.76429	0.17088	1.07808	1.07808	0.785675	0.92981	-1.07509		0.190906	0.75775	1.32666	0.441796	0.536324	-1.86454	0.807045	0.755687	1.32331	0.0205244	1.00699	1.00699	1.77311	0.0388	0.0194	1
cg13104960	SEC14L2;SEC14L2	0.215918	0.887696	0.972331	-1.02846	0.0428242	1.58871	1.58871	0.9957	1.00107	1.00107	0.866351	1.03401	1.03401	0.291921	0.804816	-1.24252		0.999927	1.00002	1.00002	0.0571913	0.652301	-1.53303	0.304288	0.809564	-1.23523	0.224442	0.776161	-1.28839	1.77311	1.1073	0.555108	1
cg13145289	HOLB*;HOLBP	0.21592	0.087928	0.724931	-1.37944	0.769774	0.105141	1.05141	0.91746	1.01786	1.01786	0.442895	0.874913	-1.14297	0.0334325	0.654101	-1.52882		0.260727	0.818437	-1.22184	0.322782	1.19059	1.19059	0.401323	1.15467	1.15467	0.244687	0.812313	-1.23105	1.7731	0.81929	0.410725	1
cg26257101	TOMM20L	0.215921	0.425375	1.33129	1.33129	0.0518136	2.17769	2.17769	0.736162	1.3629	1.3629	0.415239	1.34203	1.34203	0.122402	0.540096	-1.83791		0.848718	0.935044	-1.06947	0.290512	0.956968	-1.04497	0.0564118	1.13762	1.13762	0.340669	1.41246	1.41246	1.7731	3.4733	1.74123	1
cg22529900	PARK7;PARK7	0.215921	0.28615	1.86136	1.86136	0.501383	1.46631	1.46631	0.804183	0.869932	-1.14951	0.154601	0.25043	3.95043

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
ch2:158156?_CREB5;CREB5;CREB5		0.216162	0.208359	1.69921	1.68921	1.109303	0.505101	-1.99402	0.547459	0.786143	-1.27220	0.261339	1.58883	1.58883	1.117934	1.511166	-1.95631	0.235434	1.63475	1.63475	0.342011	1.47139	1.47139	0.285832	1.54981	1.54981	0.535328	0.78026	-1.28162	1.77203	4.38457	2.19939	1
gb:6632218	USP7	0.216163	0.689458	0.779102	-1.28353	0.117559	0.34773	-2.87579	0.5865	0.710845	-1.40678	0.789387	1.18101	1.18101	0.0975159	0.323063	3.09537	0.822475	0.869664	-1.14987	0.0497235	0.248802	-4.01926	0.106604	2.98897	2.98897	0.809366	0.86054	-1.16206	1.72703	10.8384	5.43676	1
gb:14529754	RPL29	0.216165	0.133511	0.71102	-1.40643	0.302309	0.79837	-1.25255	0.112979	0.695217	-1.4384	0.235929	0.769714	-1.29918	0.0106498	0.508296	-1.96736	0.536748	0.8765	-1.1409	0.526853	0.87561	-1.14468	0.705692	0.923161	-1.08323	0.214951	0.759508	-1.31664	1.77202	1.24632	0.625182	1
gb:18882201	ZNF260;ZNF260;ZNF260;ZNF260;ZNF260	0.216166	0.590058	1.13292	1.13292	0.319134	1.26648	1.26648	0.14297	1.43511	1.43511	0.532112	0.86484	-1.15628	0.523931	1.15974	1.15974	0.390817	1.22355	1.22355	0.0639194	0.620124	-1.61258	0.871669	0.963584	-1.03779	0.0588329	1.63177	1.63177	1.72022	1.47763	0.741219	1
gb:23105229	MAP4K5;ATL1;MAP4K5	0.216171	0.581229	1.13383	1.13383	0.821994	0.95048	-1.0521	0.149048	1.4173	1.4173	0.0216954	0.53732	-1.86109	0.166223	0.716961	-1.39478	0.560607	1.14182	1.14182	0.94344	1.01612	0.419056	0.837045	-1.19468	0.462864	0.84499	1.183444	1.722	1.42562	0.715138	1
gb:13945301	NR4A2	0.216172	0.142009	1.25178	1.25178	0.2297372	0.694947	-1.43896	0.882367	0.979317	-1.02112	0.337184	0.868702	-1.15114	0.195363	1.21509	1.21509	0.47277	1.10947	1.10947	0.687328	1.05924	1.05924	0.360644	0.874467	-1.14303	0.05214	1.00857	1.00857	1.77199	0.567898	0.284876	1
gb:20705627	ADAP1	0.216175	0.47215	1.46644	1.46644	0.298051	1.75768	1.75768	0.0808235	2.75524	2.75524	0.116248	2.44379	2.44379	0.49515	1.43705	1.43705	0.38921	1.58712	1.58712	0.0332185	3.68054	3.68054	0.669264	1.25225	1.25225	0.0350526	3.61662	3.71998	7.69043	3.8578	1
gb:20108872	SND1	0.216176	0.0623903	1.364181	-1.78526	0.200555	0.428633	-1.3	0.175541	0.397179	-2.51775	0.540599	0.675056	-1.48136	0.180971	0.486168	-2.40603	0.106059	0.53637	-1.8648	0.0235545	0.185849	-5.38081	0.079716	0.930792	-1.08367	0.181883	0.407036	-2.45685	1.79197	11.2928	5.6649	1
gb:12388775	PABPC4;PABPC4;PABPC4	0.216179	0.836896	0.95414	-1.04808	0.0210241	0.47852	-2.08978	0.675376	0.96084	-1.01057	0.792284	1.08233	1.08233	0.158753	1.05403	1.05403	0.711566	0.918899	-1.08826	0.344196	1.24844	1.24844	0.348047	1.24611	1.24611	0.43292	1.19991	1.19991	1.77197	1.45547	0.730123	1
gb:22409383	MATR3;SNHG4	0.216183	0.224296	0.823708	-1.21402	0.71604	0.94601	-1.05707	0.54749	1.09689	1.09689	0.347349	0.863286	-1.15837	0.41575	0.880285	-1.13471	0.0332629	0.685192	-1.45944	0.0617499	0.726406	-1.37664	0.268273	1.19147	1.19147	0.947975	0.990135	-1.00996	1.77194	0.647764	0.324948	1
gb:59908587	GAUNT1;GAUNT1	0.216186	0.496357	1.718219	1.718219	0.254924	1.7838	1.7838	0.0731284	2.816368	2.816368	0.132232	1.91782	1.91782	0.0501986	2.179632	2.179632	0.588461	1.099394	1.099394	0.160955	1.931253	1.931253	0.17936	1.882358	1.882358	0.624994	1.266272	1.266272	1.77193	6.445113	3.2332	1
	TBRG4;SNORA5C;SNORA5B;TBRG4;TBR																																
gb:24268640	G4	0.216189	0.507733	0.691401	-1.44634	0.103987	0.376733	-2.6544	0.0484665	0.288952	-3.44884	0.198385	0.474041	-2.10952	0.296765	0.552068	-1.81137	0.0428015	0.277919	-3.59818	0.102532	0.374894	-2.66742	0.904255	0.936052	-1.06832	0.458166	0.424196	-2.3574	1.77192	8.46336	4.24567	1
gb:21238343	NGDN;NGDN	0.21619	0.175594	0.411862	-2.428	0.180524	0.416524	-2.40082	0.182143	2.39211	2.39211	0.776956	0.839517	-1.19116	0.219626	0.45157	-2.21449	0.2760115	0.497623	-2.00955	0.0596124	0.2700002	-3.70368	0.0945174	0.322398	-3.10176	0.302301	0.517806	-1.93123	1.73791	10.6456	5.34043	1
gb:23136573	PAQR8	0.216193	0.0682957	1.67441	1.67441	0.563064	1.55897	1.55897	0.913174	1.08581	1.08581	0.146263	1.34864	1.34864	0.240694	2.156145	2.156145	0.14103	3.30695	3.30695	0.240898	2.48508	2.48508	0.242853	7.52397	7.52397	0.121712	3.55176	3.55176	7.7919	16.0169	8.03501	1
gb:02126758	RASSF7;RASSF7;C11orf35;RASSF7	0.216196	0.239563	1.25933	1.25933	0.443407	1.15536	1.15536	0.0023557	1.160603	1.160603	0.107313	1.60189	1.60189	0.681728	0.592037	-1.68843	0.0771017	0.964791	1.03671	0.0188552	1.85005	1.85005	0.707847	0.993275	-1.00677	0.442002	1.15541	1.15541	1.7189	0.956775	0.479978	1
gb:12614912	PCDH19;PCDH19;PCDH19;PCDH19	0.216202	0.340908	0.506548	-1.97415	0.691659	0.758617	-1.31819	0.797962	1.19455	1.19455	0.0463147	4.86405	4.86405	0.0533721	4.57607	4.57607	0.251776	0.436172	-2.29267	0.350908	0.51409	-1.94518	0.911608	1.08	1.08	0.969528	1.02683	1.02683	1.78186	13.4773	6.76119	1
gb:07002353	CHAF1A	0.216203	0.108099	0.604891	-1.65319	0.860193	0.950703	-1.05135	0.668896	1.12321	1.12321	0.0867537	0.581355	-1.72024	0.515973	0.8308	-1.20366	0.442249	0.798777	-1.25191	0.188046	1.50949	1.50949	0.774537	1.08584	1.08584	0.0865365	1.72101	1.72101	1.78185	2.30749	1.1576	1
gb:16688112	GAUNL;TRAPPC2L	0.216209	0.981779	1.00475	1.00475	0.86754	1.03676	1.03676	0.0813563	1.515923	1.515923	0.181783	1.35876	1.35876	0.0548822	1.863824	1.863824	0.129533	1.4307	1.4307	0.318264	1.807741	-1.23802	0.20002	0.746159	-1.3402	0.142678	1.40608	1.40608	1.78183	1.23824	0.658626	1
gb:11955845	MYH9	0.21621	0.610182	0.80871	-1.23654	0.176377	1.81035	1.81035	0.189031	1.77638	1.77638	0.0901219	0.462418	-2.16255	0.242215	0.603252	-1.65768	0.267718	0.620798	-1.61083	0.141331	0.520378	-1.92168	0.214725	0.583142	-1.71485	0.603883	0.805627	-1.24127	1.77182	4.7849	2.40049	1
gb:6630286	EBF3	0.216213	0.185774	1.85971	1.85971	0.0187	0.352464	0.643796	0.0187	0.352464	0.643796	0.0187	0.352464	0.643796	0.0187	0.352464	0.643796	0.376795	2.06043	2.06043	0.0187	0.352464	0.643796	0.0187	0.352464	0.643796	0.0187	0.352464	0.643796	1.78182	0.98272	0.49353	1
gb:22988507	C4orf10;MFSD10;MFSD10	0.216215	7	7	7	0.926022	0.964274	-1.03705	0.147152	1.83932	1.83932	0.114291	1.95988	1.95988	0.179305	0.571734	-1.74907	0.412408	1.38858	1.38858	0.102846	2.0119	2.0119	0.396646	0.711762	-1.40496	0.506825	0.768114	-1.30189	1.77975	3.8447	2.16026	1
gb:21867468	RNF14;RNF14;RNF14;RNF14;RNF14	0.216221	0.530661	0.752567	-1.32879	0.504822	0.51483	-1.94163	0.0615359	1.3525	1.3525	0.168271	1.51226	1.51226	0.0944229	1.744298	1.744298	0.0898977	2.24744	2.24744	0.466833	0.684015	-1.46196	0.597359	0.778609	-1.27128	0.174342	0.862526	-1.15959	1.77977	5.04393	2.62869	1
gb:24140832	PSMD13;SIRT3;PSMD13;SIRT3	0.216224	0.554256	0.868299	-1.15168	0.592634	1.13597	1.13597	0.614034	0.886878	-1.12755	0.849151	0.956045	-1.04598	0.541154	1.15723	1.15723	0.0803637	1.58073	1.58073	0.0239265	0.529372	-1.88803	0.693596	0.910761	-1.09798	0.33679	1.26337	1.26337	1.77176	1.56375	0.784531	1
gb:12609145	TMC7;TMC7;TMC7	0.216228	0.418041	1.43531	1.43531	0.731749	1.16214	1.16214	0.0902058	2.26009	2.26009	0.0161245	3.61697	3.61697	0.1786	1.86648	1.86648	0.88595	1.00468	1.00468	0.431313	1.42012	1.42012	0.751539	1.14879	1.14879	0.0710028	2.41283	2.41283	1.77174	5.35105	2.68463	1
gb:22019666	FBXL12	0.216231	0.618813	1.14593	1.14593	0.602355	0.949626	1.05105	0.0208888	1.608838	1.608838	0.0188488	1.60188	1.60188	0.0376665	1.479704	1.479704	0.0230314	1.10383	1.10383	0.0376665	1.479704	1.479704	0.0230314	1.10383	1.10383	0.0376665	1.479704	1.479704	0.0230314	1.10383	1.10383	1.77172	1.96464	0.988223	0.2486	1
	WHSC1L1;WHSC1L1;WHSC1L1;WHSC1L																																
gb:27524515	1	0.216229	0.504856	0.919333	-1.08775	0.815761	0.971407	-1.02943	0.592945	1.06937	1.06937	0.0874718	0.790979	-1.26426	0.207894	0.847857	-1.17944	0.958801	0.99329	-1.00676	0.151428	1.21052	1.21052	0.127536	1.22729	1.22729	0.153217	1.20937	1.20937	1.77174	0.433487	0.217482	1
gb:01605746	TPPP	0.216229	0.231882	2.17381	2.17381	0.166497	2.49318	2.49318	0.545359	0.680537	-1.46084	0.406104	1.69271	1.69271	0.147246	2.79881	2.79881	0.210888	2.26224	2.26224	0.0582235	3.76425	3.76425	0.0641739	3.6258	3.6258	0.104308	3.00309	3.00309	1.77174	10.7611	5.3989	1
gb:19819285	ZSCAN1	0.216232	0.299288	1.95359	1.95359	0.231648	2.18359	2.18359	0.171383	2.47569	2.47569	0.515942	1.50687	1.50687	0.219704	2.2331	2.2331	0.231544	2.18401	2.18401	0.0482096	4.07734	4.07734	0.0491509	6.647297	-1.54489	0.726079	0.803353	-1.24478	1.77173	10.8739	5.4555	1
gb:08029909	UNC5A	0.216233	0.157928	1.825486	1.825486	0.156955	1.42863	-1.3	0.175541	0.397179	-2.51775	0.540599	0.675056	-1.48136	0.180971	0.486168	-2.40603	0.202169	0.842777	-1.18665	0.0678107	0.775574	-1.33215	0.196602	0.91398	-1.18938	0.880374	1.01901	1.01901	1.77173	0.545299	0.227173	1
gb:02541613	ATP5G2;ATP5G2;ATP5G2	0.216235	0.98607	0.884493	-1.00175	0.408604	0.13102	2.13102	0.312602	2.54728	2.54728	0.104422	4.89858	4.89858	0.193098	0.291439	-3.43125	0.609186	1.58657	1.58657	0.482815	0.528091	-1.89361	0.0939585	1.19956	5.19956	0.0604353	6.65506	6.65506	1.77171	22.4857	11.2814	1
gb:12284789	FDX1	0.216236	0.964626	1.03406	-1.02961	0.919444	0.680204	1.14726	0.0139455	1.44229	1.44229	0.277029	1.34719	1.34719	0.761776	0.644594	-1.55078	0.0507066	1.64343	1.64343	0.0138865	1.84274	1.84274	0.0146104	1.74908	1.74908	0.0179712	1.70241	1.70241	1.77169	1.94983	1.09727	1
gb:16767916	POU3F3	0.216237	0.355747	0.907692	-1.1017	0.156683	0.856886	-1.16702	0.0821265	0.821707	-1.21698	0.435375	1.08452	1.08452	0.466146	1.07854	1.07854	0.0873524	1.21219	1.21219	0.439242	1.08375	1.08375	0.956402	1.00559	1.00559	0.274749	1.8906602	-1.12284	1.7517	7.291671	0.146335	1
gb:11987078	CDC10L	0.216241	0.551529	1.40434	1.40434	0.666302	0.783064	-1.27703	0.00867759	0.63985	0.63985	0.365536	0.592124	-1.68884	0.374646	0.59955	-1.66792	0.716157	1.22854	1.22854	0.708972	0.23532	1.23532	0.962061	0.973545	-1.02717	0.637881	1.30632	1.30632	1.77169	8.914479	4.47271	1
gb:00168514	PRNP;PRNP;PRNP;PRNP;PRNP	0.216242	0.566029	1.31984	1.31984	0.652567	1.14329	1.14329	0.277029	1.34719	1.34719	0.761776	0.644594	-1.55078	0.0507066	1.64343	1.64343	0.0138865	1.84274	1.84274	0.0146104	1.74908	1.74908	0.0179712	1.70241	1.70241	0.0179712	1.70241	1.70241	1.77169	1.94983	1.09727	1
gb:23495279	CSMD1	0.216243	0.493964	2.524	2.524	0.529712	0.3363	2.3363	0.290305	0.43791	0.43791	0.254879	0.87677	0.87677	0.217222	0.54299	0.54299	7	7	7	0.845029	1.29602	1.29602	0.49286	0.39523	-2.53017	0.0125172	0.82836	0.82836	1.77962	44.5085	25.0101	1
gb:20095828	TAL1	0.216245	0.216756	1.457952	1.457952	0.175736	0.95688	1.25988	0.827885	1.0842	1.0842	0.281668	0.51105	1.95705	0.0550155	1.818563	1.818563	0.166396	1.40967	1.40967	0.0616899	1.62209	1.62209	0.0533893	2.57714	2.57714	0.0480372	2.08209	2.08209	1.77164	1.18545	0.405185	1.17604	1.77168	3.84534	1.92929	1
gb:21621104	IGKJ1	0.216247	0.247609	0.440963	-2.26776	0.688663	0.251951	1.96903	0.063736	0.246903	-4.05017	0.323556	1.99497	1.99497	0.139133	0.333606	-2.99755	0.529512	0.647047	-1.54548	0.135696	0.336491	-2.97185	0.680504	1.32374	1.32374	0.320549	0.498965	-2.00415	1.77166	12.874	6.45924	1
gb:02176938	FAF2	0.216247	0.0796275	0.614733	-1.62672	0.514006	1.18001	1.18001	0.269424	1.33329	1.33329	0.55775	0.862197	-1.15983	0.240554	1.35976	1.35976	0.68464	0.902979	-1.10745	0.113845	0.650349	-1.53764	0.0947276	0.631712	-1.583	0.733196	1.08935	1.08935	1.77166	1.75523	0.880647	1
gb:21625251	PDE6G;PDE6G	0.216249	0.143598	1.86946	1.86946	0.145465	1.85283	1.85283	0.0176253	2.345794	2.345794	0.0187	0.352464	0.643796	0.0187	0.352464	0.643796	0.176283	1.77248	1.77248	0.0187	0.352464	0.643796	0.0187	0.352464	0.643796	0.0187	0.352464	0.643796	1.78046	0.105822	0.52606	1.77164	4.47449	2.23145	1
gb:02234235	FHL2;FHL2;FHL2;FHL2	0.216251	0.610533	1.14548	1.14548	0.588149	0.715555	1.15555	0.26356	0.734767	-1.36098	0.809898	0.938261	-1.0658	0.0737671	1.69584	1.69584	0.21642	1.16492	1.16492	0.873514	0.958747	-1.04303	0.494166	2.20152	1.20152	0.171644	1.96197	0.984381	1
gb:02788085	C10orf93	0.216253	0.219893	1.54254	1.54254	0.202355	0.949626	1.05105	0.0208888	1.608838	1.608838	0.0188488	1.60188	1.60188	0.0376665	1.479704	1.479704	0.0230314	1.10383	1.10383	0.0376665	1.479704	1.479704	0.0230314	1.10383	1.10383	0.0376665	1.479704	1.479704	0.0230314	1.10383	1.10383	1.77163	1.96464	0.988223	0.2486	1
gb:02858000	PPHA3	0.216253	0.472234	1.39036	1.39036	0.428646	1.43937	1.43937	0.190065	1.86924	1.86924	0.872883	1.07484	1.07484	0.176765	0.523517	-1.91016	0.50314	1.35835	1.35835	0.764837	0.875527	-1.14478	0.0547341	2.67001	2.67001	0.0978145	0.441028	-2.26743	1.77164	5.70026	2.86001	1
gb:12612104	KIRREL	0.216258	0.147904	0.607767	-1.64546	0.109524	0.920097	-1.08684	0.663284	0.838303	-1.19289	0.961206	0.988574	-1.01213	0.0070796	0.439647	-2.27455	0.393083	1.1064	1.1064	0.0718751	1.23855	1.23855	0.0381353	1.1064	1.1064	0.0718751	1.23855	1.23855	0.0381353	1.1064	1.1064	1.77162	1.06007	0.71651	0.188983	1
gb:15260978	NADK	0.216259	0.0307636	-1.23956	0.0802253	0.541658	1.84618	0.38792	-1.33256	0.325156	-3.07666	0.137798	1.37798	0.0705155	2.402	0.0705155	2.402	0.103518	0.59794	-1.75505	0.308384	1.39525	1.39525	0.835184	0.936301	-1.06803	0.616703	0.852632	-1.17284	1.7716	-1.80038	1.40507	1
gb:00330789	NIPAL2	0.216262	0.0231367	0.270769	-3.69318	0.0592139	2.7865	2.7865	0.85787	0.917368	-1.09007	0.922595	1.04787	1.04787	0.229579	0.545237	-1.83406	0.864169	1.08587	1.08587	0.890461	1.06854	1.06854	0.924977	0.955696	-1.04636	0.734457	0.848909	-1.17798	1.7716	6.49476	3.25871	1
gb:24700472	C1orf86	0.216263	0.320457	0.694228	-1.44055	0.374809	1.32749	1.32749	0.104009	1.32749	1.32749	0.104009	1.32749	1.32749	0.104009	1.32749	1.32749	0.702161	0.842777	-1.18665	0.0678107	0.775574	-1.33215	0.196602	0.91398	-1.18938	0.880374	1.01901	1.01901	1.77159	0.545299	0.227173	1
gb:26787449	BAD;BAD	0.216264	0.803573	1.0225	1.0225	0.733387	0.969939	-1.03099	0.78252	0.975603	-1.02501	0.254864	0.899311	-1.11196	0.092986	1.17938	1.17938	0.117043	1.16415	1.16415	0.201458	0.886518	-1.12801	0.0864239	0.844434	-1.18422	0.716987	1.03303	1.03303	1.77159	0.223599	0.11219	1
gb:00021697	WDR8	0.216267	0.0398869	1.42736	1.42736	0.709946	2.21954	2.21954	0.632957	0.866102	-1.27149	0.115607	35.5975	35.5975	7	7	7	0.0866508	0.70914	-1.42063	0.445757	0.197218	-5.07054	0.231475	13.7519	13.7519	0.110453	37.8272	37.8272	1.77951	109.271	61.405	1
gb:02757989	CHD7	0.216269	0.3097144	-2.51798	0.298078	1.76812	1.76812	0.181421	1.65981	1.65981	0.683154	1.24213	1.24213	0.2713	0.546021	-1.83143	0.7756199	0.859903	1.16292	0.0711423	0.2409708	1.2401	1.2401	0.157037	2.22473	2.22473	0.426463	1.6551132	-1.53579	1.77156	7.82269	3.93008	1
gb:06896044	TRAF7	0.216272	0.0411611	1.80931	1.80931	0.947667	0.983615	-1.01666	0.503245	1.38547	1.18647	0.357129	1.26917	1.26917	0.980775	1.00323	1.00323	0.228709	0.727638	-1.37431	0.024947	0.2109	4.74198	0.0195514	1.06755	1.06755	0.67621	1.1115	1.1115	1.77155	1.77737	0.891811	1
gb:18126572	MRPS24	0.216273	0.385161	1.3791	1.3791	0.369557	1.14329	1.14329	0.277029	1.34719	1.34719	0.761776	0.644594	-1.55078	0.0507066	1.64343	1.64343	0.0138865	1.84274	1.84274	0.0146104	1.74908	1.74908	0.0179712	1.70241	1.70241	0.0179712	1.70241	1.70241	1.77155	1.94983	1.09727	1
gb:06000050	MCM9;MCM9	0.216275	0.916638	1.03364	1.03364	0.0829644	1.83444	1.83444	0.0545586	1.99228	1.99228	0.744276	1.10899	1.10899	0.0528857	0.498878	-2.0045	0.720765	1.12012	1.12012	0.739083	0.899744	-1.11143	0.804403	0.924583	-1.08157	0.744297	1.10898	1.10898	1.77154	2.80268	1.40628	1
gb:18676391	GEMIN6	0.216276	0.190194	1.47234	1.47234	0.0442297	1.78767	1.78767	0.66043	1.15774	1.11754	0.113296	0.665614	-1.50237	0.0842359	1.503729	1.503729	0.0660408	1.57309	1.57309	0.0539048	1.90237	-1.1689	0.0795512	1.06755	1.06755	0.67621	1.1115	1.1115	1.77154	1.77737	0.891811	1
gb:11801572	FBXL3	0.216278	0.0948052	1.4254	1.4254	0.577178	1.11487	1.11487	0.622192	1.10063	1.10063	0.129685	1.3717	1.3717	0.0513733	1.53457	1.53457	0.414982	0.852784	-1.17263	0.104028	0.879072	-1.13756	0.0324347	0.789601	-1.26646	0.76002	0.942567	-1.06093	1.77152	1.04574	0.524715	1
gb:10380834	MRPS23	0.216278	0.139783	1.48912	1.48912	0.201844	0.713294	-1.40195	0.905172	0.970565	-1.03033	0.882026	0.963457	-1.03793	0.0201633	0.495345	-2.0188	0.364169	1.08587	1.08587	0.890461	1.06854	1.06854	0.924977	0.955696	-1.04636	0.734457	0.848909	-1.17798	1.7716	6.49476	3.25871	1
gb:27746399	PDK1;PDK1	0.216279	0.32045	2.6269	2.6269	0.514719	1.19201	1.19201	0.0459594	1.11294	1.11294	0.230747	1.27661	1.27661	0.0405594	1.663182	1.663182	0.0827755	0.965816	-1.03596	0.389276	1.151003	1.151003	0.0127455	1.84146	1.84146	0.0496491	1.49911	1.49911	0.384749	0.837656	-1.19381	0.09853	1.09976	-1.00029	1.7559	0.713167	0.357813	1
gb:15345437	SNORD22;SNORD31;SNHG1	0.216282	0.0838243	0.403809	-2.47642	0.836792	0.906863	-1.1027	0.676528	0.819663	-1.22001	0.591615	1.29264	1.29264	0.133274	0.464122	-2.15461	0.491523	1.39257	1.39257	0.022136	2.27258	-3.67029	0.512911	0.730145	-1.36959	0.266423	0.577632	-1.73121	1.7751	6.30264	3.16248	1
gb:00950809	MOB4;ZC	0.216283	0.0443225	0.586417	-1.70583	0.246146	0.93774	1.06591	0.0139455	1.44229	1.44229	0.277029	1.34719	1.34719	0.761776	0.644594	-1.55078	0.0507066	1.64343	1.64343	0.0138865	1.84274	1.84274	0.0146104	1.74908	1.74908	0.0179712	1.70241	1.70241	1.77151	1.94983	1.09727	1
gb:19657174	TBX1;TBX1;TBX1	0.216293	0.0381581	1.41369	1.41369	0.325524	3.06192	3.06192	0.859538	0.822627	-1.21562	0.149631	5.48977	5.48977	0.788327	1.34532	1.34532	0.416011	1.399969	1.399969	2.50019	0.536244	0.501377	-1.99451	0.0521876	11.4092	11.4092	2.428043	2.43981	1.77146	34.0903	17.1059	1
gb:01270033	MKL2	0.216294	0.392709	1.24048	1.24048	0.904325	0.970838	-1.03004	0.319988	0.776529	-1.28778	0.674458	1.65581	1.65581	0.364294	0.794973	-1.2579	0.450521	0.827598	-1.20831	0.677687	0.902245	-1.10815	0.0377771	1.80932	1.80932	0.526192	1.17125	1.17125	1.77145	1.16948	0.852774	1
gb:01676552	ZNF116;ZNF16	0.216295	0.1967938	1.80931	1.80931	0.947667	0.983615	-1.01666	0.503245	1.38547	1.18647	0.357129	1.26917	1.26917	0.980775	1.00323	1.00323	0.41282	1.19349	1.19349	0.0218151	1.93377	1.93377	0.0231531	1.10575	1.10575	0.638728	0.904525	-1.10555	1.77144	1.26339	0.639555	1
gb:14633562	BCAS3;BCAS3	0.216302	0.245553	1.33618	1.33618	0.488911	0.845558	-1.18265	0.645943	1.1167	1.1167

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Probeset ID	UCSC_REFGENE_NAME CPNE1;CPNE1;RBM12;CPNE1;CPNE1;CP	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 47T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 53T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs.5637 vs. N)	p-value(563T vs. N)	Fold-Change(5 vs. 63T vs. N)	F(Error)	SS(Test)	SS(Error)
cg08342023	NE1;RBM12;CPNE1;CPNE1	0.216481	0.0591868	0.655276	-1.52607	0.567644	0.891701	-1.12145	0.530158	1.13449	1.13449	0.315152	0.813758	-1.22887	0.537632	1.13184	1.13184												
cg14527639	NRXN3	0.216481	0.096332	0.52497	-1.90487	0.742265	1.12352	1.12352	0.414906	1.34195	1.34195	0.439708	0.757202	-1.32065	0.95929	1.01818	1.01818												
cg25125244	TRIP12;FBXO36	0.216481	0.813371	1.04036	1.04036	0.940441	0.987972	-1.01258	0.220565	1.24043	1.24043	0.281059	0.829087	-1.20615	0.305251	1.19431	1.19431												
cg16445842	BCL2;BCL2	0.216486	0.093414	1.52956	1.52956	0.292198	0.777485	-1.2862	0.800778	1.05765	1.05765	0.268998	1.3036	0.167345	0.143745	1.43059	1.43059												
cg09163536	ADAM759	0.216487	0.622939	1.0779	1.0779	0.017441	0.645279	-1.54972	0.957798	1.60804	1.60804	0.598194	0.922656	-1.13883	0.124923	1.77061	1.77061												
cg03322188	SDF2L1 CSGALNACT1;CSGALNACT1;CSGALNAC	0.216487	0.847828	1.04767	1.04767	0.758479	0.927968	-1.07762	0.366181	1.25237	1.25237	0.753583	1.07932	1.07932	0.771727	1.07306	1.07306												
cg05374044	T1	0.216488	0.8308	0.91535	-1.09248	0.965533	1.01802	1.01802	0.598284	0.880705	-1.24579	0.218557	0.585714	-1.70732	0.138165	0.516923	-1.93452												
cg18131051	ANKRD53;ANKRD53	0.216491	0.281543	0.721268	-1.38645	0.842333	1.05987	1.05987	0.250027	1.42042	1.42042	0.018583	0.43368	-2.30585	0.284836	0.723001	-1.38312												
cg06183796	ARID5B	0.216493	0.109602	2.358493	-2.35705	0.424055	0.272226	-1.67342	0.172589	0.833703	2.295151	0.249647	0.271201	-3.69644	0.061403	0.729003	-1.37257												
cg06182359	PFDN2;NIT1	0.216495	0.200563	0.535999	-1.86568	0.745812	0.858763	-1.16647	0.0778713	2.5023	2.5023	0.94819	1.37896	1.387896	0.15194	0.912113	0.555504												
cg16256142	HSPI3	0.216496	0.383259	1.845319	1.845319	0.005652807	0.115683	11.6583	0.153227	3.08835	3.08835	0.159688	0.965485	-1.03575	0.906839	1.08476	1.08476												
cg00386605	HTR2A;HTR2A	0.216496	0.970546	0.987628	-1.01253	0.0995509	1.99584	1.99584	0.820188	0.956532	-1.09107	0.0903687	2.04294	2.04294	0.27926	0.650092	-1.53824												
cg22077046	AFF2;AFF2B2	0.216497	0.054894	0.701103	-1.42632	0.110427	2.74749	2.74749	0.0564334	3.50743	3.50743	0.152764	2.43446	2.43446	0.0959761	0.345697	-2.89271												
cg27039712	PMCA RNF170;RNF170;RNF170;RNF170;RNF1	0.216498	0.155213	0.50378	-1.98499	0.2104012	0.61176	-1.46463	0.321923	1.98502	1.98502	0.133255	0.407807	2.45164	0.0203	1.38452	1.38452												
cg08507090	70;RNF170;HOOK3	0.2165	?	?	?	0.414677	1.79857	1.79857	0.3101966	2.06953	2.06953	0.0980041	2.26936	-3.71251	0.0567166	4.84277	4.84277												
cg01892980	MOS2	0.216501	0.327881	0.833684	-1.1995	0.448137	1.14939	1.14939	0.568918	1.10926	1.10926	0.701284	0.932935	-1.07189	0.158626	0.762307	-1.31181												
cg05948763	SKI	0.216503	0.824996	0.849799	-1.17675	0.0169773	8.49508	8.49508	0.0338629	6.1753	6.1753	0.81201	1.19034	1.19034	0.88167	0.896314	-1.11568												
cg12818447	CCI4	0.216509	0.247338	0.702695	-1.42343	0.170837	1.10539	1.10539	0.0125521	0.404728	2.47079	0.3169	0.404728	2.47079	0.3169	0.896858	-1.11484												
cg22930586	PLD1;PLD1	0.216512	0.313456	0.770278	-1.29823	0.408341	0.80819	-1.2358	0.110965	1.54456	1.54456	0.402568	0.806976	-1.23919	0.909331	0.969302	-1.03167												
cg00793497	RBM34;RBM34;RBM34	0.216512	0.80714	0.939872	-1.06398	0.0403152	1.82449	1.82449	0.277052	1.33195	1.33195	0.717742	1.09641	1.09641	0.354947	0.745623	-1.34128												
cg15377044	ANTXRL	0.216514	0.0388786	0.574396	-1.74096	0.613818	0.888715	-1.12522	0.105624	0.663742	-1.50661	0.110851	0.66847	-1.49595	0.0517871	0.598606	1.67055												
cg12257055	SH3RF1	0.216516	0.626596	0.869799	-1.14969	0.274033	0.723376	-1.38241	0.0248022	0.467591	-2.13862	0.141177	0.637487	-1.56866	0.257802	1.39929	1.39929												
cg14182588	UBL7;UBL7	0.216521	0.602123	1.04485	1.04485	0.831101	0.919457	-1.08755	0.630479	1.08782	1.08782	0.559553	-1.78715	-1.65009	0.0203703	2.44552	2.44552												
cg25388939	LOC646762	0.216526	0.090766	0.717712	-1.40506	0.967645	1.00743	1.00743	0.496071	1.13444	1.13444	0.701505	0.932125	-1.07282	0.659254	1.08436	1.08436												
cg26764726	PDLIM2;PDLIM2;PDLIM2	0.216526	0.998915	1.01992	1.01992	0.752806	0.922432	-1.08409	0.554124	0.67108	-1.49014	0.879657	0.961175	-1.04039	0.618853	0.445687	-2.24373												
cg20679309	SCLY	0.216526	0.00907	0.767067	-1.28854	0.613508	1.40493	1.40493	0.542071	0.662327	-1.50983	?	?	?	0.40567	0.598655	1.67041												
cg02748089	WWOX	0.216532	0.13745	0.26992	-3.7048	0.466656	0.545299	-1.83386	0.689572	1.38916	1.38916	0.443948	0.520953	-1.91956	0.105145	0.234673	-4.26124												
cg15376644	FSTL5;FSTL5;FSTL5;FSTL5;FSTL5	0.216534	0.627598	0.779424	-1.28337	0.813512	1.14529	1.14529	0.173838	0.647289	2.07689	0.037195	0.602156	-1.66044	0.0844	0.482758	-2.07126												
cg04605504	PRDM16;PRDM16	0.216546	0.138065	0.724701	-1.37988	0.369699	2.10414	2.10414	0.0769568	1.48674	1.48674	0.963963	0.990931	-1.00915	0.981509	1.19458	1.19458												
cg08455936	KIAA0556	0.216557	0.323156	1.788496	1.788496	0.0662408	0.484292	1.84582	0.0433958	0.58542	1.70859	0.0433958	0.58542	1.70859	0.0433958	0.58542	1.70859												
cg00742557	KCTD1;KCTD1;KCTD1	0.216558	0.828898	1.04076	1.04076	0.876923	0.9718	-1.02902	0.248468	0.800178	-1.24941	0.295174	0.818421	-1.22186	0.056935	1.48831	1.48831												
cg07467482	DPP6;DPP6;DPP6	0.21656	0.0603309	0.339061	-2.94932	0.625787	0.77808	-1.28521	0.49797	0.760795	-1.40287	0.60274	0.764815	-1.30747	0.372443	0.626557	-1.59602												
cg22362389	PDE6G;PDE6G	0.216562	0.27547	0.6107	-1.63747	0.372304	0.848048	-1.17918	0.0930479	0.648794	1.54094	0.0930479	0.648794	1.54094	0.0930479	0.648794	1.54094												
cg18607757	TAP2;TAP2	0.216564	0.994674	1.00099	1.00099	0.0300778	0.68424	-1.46148	0.899926	1.01889	1.01889	0.435069	1.12575	1.12575	0.0401594	0.702805	-1.42287												
cg00779976	PNLIP;ZNF155	0.216565	0.124361	0.415568	-2.40607	0.0497421	1.28968	1.28968	0.108461	2.52149	2.52149	0.959375	1.31863	1.31863	0.198156	0.636087	-1.57211												
cg13840968	DE8;LTB4R	0.216566	0.32078	-1.40587	1.48587	0.265199	1.57068	1.57068	0.0767776	2.13779	2.13779	0.217353	0.605922	-1.65038	0.0992116	1.00329	1.00329												
cg01291201	ZNF441	0.216567	0.0043556	0.570858	-1.75257	0.405675	0.822871	-1.21526	0.0977284	0.861461	-1.16082	0.148681	0.703409	-1.42165	0.0809368	0.964523	-1.55202												
cg03012289	PKHD1L1	0.216574	0.440804	1.5472	1.5472	0.516639	1.40064	1.40064	0.45105	0.652884	-1.53166	0.158529	2.30911	2.30911	0.345424	1.71906	1.71906												
cg19461880	FXC1	0.216575	0.0315447	0.518455	-1.93054	0.0148405	1.54284	1.54284	0.0302892	0.4115	2.42958	0.0302892	0.4115	2.42958	0.0302892	0.4115	2.42958												
cg18060193	CLP1;CLP1;CLP1;CLP1	0.216576	0.753679	1.05892	1.05892	0.360707	0.842914	-1.18636	0.867587	1.03081	1.03081	0.955351	0.989869	-1.01023	0.404909	0.854427	-1.16764												
cg04605510	C15orf37;ST20	0.216577	0.777816	0.957083	-1.04466	0.0187485	1.35486	1.35486	0.053571	1.40545	1.40545	0.455338	0.888757	-1.12517	0.471268	1.12037	1.12037												
cg19983870	ZNF444	0.216577	0.582479	0.79568	-1.13692	0.550593	1.14778	1.14778	0.223648	1.34686	1.34686	0.0927265	1.5335	1.5335	0.808208	1.06016	1.06016												
cg09302848	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.216579	0.84795	0.96687	-1.03427	0.904443	1.0213	1.0213	0.0563439	1.46123	1.46123	0.26047	1.22876	1.22876	0.665495	1.07934	1.07934												
cg23476802	MYL2	0.216582	0.0461859	0.64534	-1.55007	0.108444	0.581582	1.72015	0.0852007	0.343939	2.90918	0.295797	0.51133	-1.9561	0.0562809	0.624799	-1.77901												
cg16328400	DYNC1H1	0.216583	0.937761	0.974226	-1.02646	0.261653	1.47903	1.47903	0.0123044	2.83595	2.83595	0.870141	0.946764	-1.05623	0.345388	0.722574	1.38394												
cg13247935	KLC1;KLC1;KLC1	0.216585	0.21194	0.53847	-1.85815	0.347383	1.57752	1.57752	0.0976779	0.528217	2.52817	0.115701	2.1333	2.1333	0.184737	0.544804	-1.84215												
cg12049403	PSMB8;PSMB8	0.216586	0.472461	-1.707281	-1.707281	0.888889	1.06849	1.06849	0.384976	0.655661	-1.52518	0.168135	0.498542	-2.00585	0.0285582	0.293946	3.40198												
cg26869362	KBTBD3;KBTBD3;AASDHPPT	0.216591	0.721647	0.803086	-1.24552	0.32482	1.87007	1.87007	0.59189	0.717146	-1.39442	0.0283516	0.196338	-5.09325	0.0517872	0.250628	-3.98998												
cg26230759	PHYH;PHYH	0.216592	0.437443	1.3006	1.3006	0.0731724	0.583883	1.66393	0.0978238	0.665327	1.50302	0.0978238	0.665327	1.50302	0.0978238	0.665327	1.50302												
cg13345335	ZCCHC4	0.216593	0.249644	0.832572	-1.2011	0.294691	1.18	1.18	0.135123	1.27801	1.27801	0.90751	0.982455	-1.01786	0.162267	1.25512	1.25512												
cg24157490	ASRGL1;ASRGL1	0.216594	?	?	?	0.0187485	1.56054	1.56054	0.142915	1.34015	1.34015	0.241029	1.25636	1.25636	0.1558	1.32627	1.32627												
cg25849068	IQSEC2	0.2166	0.417772	0.620808	-1.61081	0.48161	0.662449	-1.50955	0.370633	1.69774	1.69774	0.152912	0.413509	-2.41832	0.353705	0.577312	-1.73217												
cg21517436	RPL27A	0.216602	0.462858	1.28335	1.28335	0.0309231	0.429179	-2.33003	0.527347	0.80752	-1.23836	0.196746	1.57714	1.57714	0.616861	1.1834	1.1834												
cg02509111	AMBRA1	0.216604	0.82952	1.11953	1.11953	0.751557	0.732423	-1.36746	0.174549	0.735459	-1.35965	0.590282	1.32927	1.32927	0.858088	1.09737	1.09737												
cg25594040	VAMP3	0.216604	0.714042	0.924255	-1.08195	0.149371	1.39218	1.39218	0.315666	1.24863	1.24863	0.593442	0.891074	-1.12224	0.363639	0.818884	-1.22117												
cg12208899	CRY2;CRY2	0.216619	0.219473	0.72867	2.2867	0.324675	1.36567	1.36567	0.0937768	0.60794	1.64494	0.198156	0.60794	1.64494	0.198156	0.60794	1.64494												
cg15032025	TERT;TERT	0.21662	0.08255	0.577401	-1.7319	0.478099	0.813836	-1.22875	0.710691	0.899047	-1.11229	0.809739	0.933426	-1.07132	0.15385	0.640562	1.54664												
cg11007195	C5orf114;GFOD1	0.216623	0.68899	1.26126	1.26126	0.241555	2.02841	2.02841	0.869905	1.09918	1.09918	0.15462	2.40732	2.40732	0.455927	1.54977	1.54977												
cg03132911	IQGAP2	0.216627	0.0107967	0.551135	-1.81407	0.115383	0.880833	1.13542	0.794073	1.27539	1.27539	0.20958	1.20644	1.20644	0.962407	0.952057	-1.05055												
cg11164766	CLPX	0.216629	0.216936	1.61931	1.61931	0.0554326	2.23774	2.23774	0.246345	1.78334	1.78334	0.227316	0.62486	-1.60036	0.649494	1.18501	1.18501												
cg13183998	PAFAH1B1;PAFAH1B1	0.216655	0.506086	1.2157	1.2157	0.0103719	0.993004	1.01558	0.933984	1.03014	1.03014	0.746138	0.9986	1.00142	0.704168	1.02033	1.02033												
cg00028255	FAM184A;FAM184A	0.216636	0.474629	1.09766	1.09766	0.33144	0.875488	-1.13703	0.0400099	0.737863	-1.35537	0.0507248	1.33015	1.33015	0.419975	0.899789	1.11137												
cg16936005	FAM72D	0.216644	0.361086	0.856617	-1.16738	0.143188	1.29609	1.29609	0.655504	1.07683	1.07683	0.663235	1.0749	1.0749	0.247009	1.22084	1.22084												
cg08546335	HAGH;FAHD1;HAGH;FAHD1;FAHD1	0.216646	0.191233	0.744373	2.68922	0.355829	0.872012	-1.14748	0.215448	0.725157	-1.37907	?	?	?	?	?	?												
ch.15.60037#F	SHC4	0.216651	0.266896	0.584692	-1.7103	0.507462	0.356034	-2.80872	0.0245501	0.288624	-3.46472	0.46894	0.485631	-2.05918	0.089152	0.419543	-2.38355												
cg10090591	CD2CB4	0.216653	0.264634	0.661504	1.50422	0.208556	0.59254	1.68752	0.0952052	0.812001	1.23145	0.0952052	0.812001	1.23145	0.0952052	0.812001	1.23145												
cg04704878	GREB1L	0.216662	0.218936	0.850407	-1.17591	0.443173	0.90666	-1.10295	0.229729	1.1711	1.1711	0.467819	0.965056	-1.03621	0.554846	1.07773	1.07773												
cg26510723	PTPRN2;PTPRN2;PTPRN2	0.216665	0.147681	0.646227	-2.24101	0.359727	0.28158	-3.55138	0.196099	0.495179	-2.00426	0.289722	0.565045	-1.76977	0.122628	0.419559	-2.38459												
cg00103023	GLI3	0.216665	0.483634	1.23498	1.23498	0.0728512	1.29104	1.29104	0.40437	0.934124	1.04124	0.49888	1.26201	1.26201	0.0503636	0.795036	-1.04538												
cg11109835	B3GNTL1	0.216666	0.0796686	0.266688	-3.7497	0.720053	0.783068	-1.27703	0.235637	0.429763	-2.32687	0.128948	0.327959	-3.04916	0.0573136	0.231982	4.31069												
cg19653282	TMCC3	0.216676	0.0506386	0.72157	-1.38586	0.102719	0.993004	1.01558	0.933984	1.03014	1.03014	0.746138	0.9986	1.00142	0.704168	1.02033	1.02033												
cg03608720	ZMIZ1	0.216673	0.344694	0.676959	-1.47719	0.152755	0.541251	-1.84757	0.344907	0.677135	-1.47681	0.988171	1.00596	1.00596	0.782443	0.894975	1.11735												
cg06139431	CACNA1H;CACNA1H	0.216675	0.113882	1.5632	1.5632	0.0275573	0.625579	-1.02504	0.13559	0.558558	1.51859	0.463128	0.712466	1.21466	0.0796399	1.00071	1.00071												
cg07412186	ATXN1;ATXN1	0.216681	0.348496	0.816162	-1.45738	0.0543215	0.645225	-1.54453	0.0710165	0.655194	-1.52619	0.19687	0.790336	-1.26565	-1.53453	0.370005	0.698204	-1.43225											
cg22296149	AMH;AMH	0.216683	0.762429	0.916417	-1.09121	0.469228	1.23573	1.2357	0.582516	1.17332	1.17332	0.294841	1.36722	1.36722	0.107263	0.553978	-1.80513												
cg07585014	BAT3;BAT3;BAT3;BAT3	0.216683	0.264628	1.34899	1.34899	0.0391393	1.29439	1.68233	1.2955	1.2955	1.2955	0.0402801	1.14882	1.14882	0.0883733	1.24887	1.24887												
cg26946836	CD207	0.216686	0.258625	0.438121	-2.28248	0.939036	0.105502	1.05502	0.2115	0.397866	-2.51341	0.135593	0.324258	-3.08396	0.0485299	0.206405	-4.84485												
cg21832761	LIMS1;LIMS1;LIMS1;LIMS1L3	0.216688	0.0196858	0.519136	-1.92639	0.200372	0.910021	-1.10692	0.651324	0.868563	-1.15126	0.224123	0.772121	-1.29515	0.0810082	0.615705	-1.62423												
cg16986244	GNB5;GNB5	0.216697	0.517046	1.17616	1.17616	0.0923693	0.754051	1.32612	0.0420918	0.729868	1.37011	0.6737223	1.10329	1.10329	0.539242	0.815617	-1.08595												
cg09193479	ME3;ME3;ME3	0.216697	0.583914	1.23967	1.23967	0.333596	0.677961	-1.47501	0.218152	0.524305	-1.90729	0.942669	0.972488	-1.02829	0.918418	0.961039	-1.04054												
cg06797389	PATL2	0.216699	0.0956956	0.671127	-1.48995	0.2615	0.74501	-1.34247	0.0965115	0.718437	-1.39205	0.188497	0.55353	-1.8067	0.0678838	0.46488	-2.15147												
cg25360855	RNF7;RNF7	0.216698	0.0505522	0.595411	-1.67951	0.7728	0.934857	-1.06968	0.286398	0.772896	-1.29384	0.263826	1.31133	1.31133	0.0493691	0.593377	-1.68527												
cg00252032	PTK7;PTK7;PTK7;PTK7	0.216701	0.0973038	0.624995	-1.60001	0.724091	1.09587	1.09587	0.35009	0.779982	-1.28208	0.140028	0.631842	-1.58267	0.34095	0.76002	-1.31575												
cg26761744	C5orf105;C5orf105;C5orf105;C5orf105	0.216706	0.846723	0.931219	-1.07386	0.107818	0.524046	-1.90818	0.130127	0.858524	-1.16525	0.0845581	0.945301	-1.05742	0.575792	0.811152	-1.23281												
cg04507446	TMEM36A	0.216706	0.528481	1.3566	1.3566	0.0185615	1.38165	1.38165	0.182828	1.30683	1.30683	0.20583	1.24863	1.24863	0.0481	1.20048	1.20048												
cg22719913	TM6SF1;TM6SF1	0.216712	0.271304	1.15233	1.15233	0.200995	0.84609	-1.18191	0.518472	1.08438	1.08438	0.128113	1.22576	1.22576	0.571246	0.931638	-1.07338												
cg20272227	CTNNA2;CTNNA2	0.216714	0.296863	0.687913	-1.45407	0.325102	0.709477	-1.40949	0.120202	0.565879	-1.76716	0.122538	0.568232	-1.75966	0.0784	0.336407	-2.97456												
cg12688542	NCOR2;NCOR2	0.216717	0.0969377	0.507983	-1.96857	0.61681	1.20767	1.20767	0.611103	0.826432	-1.21002	0.235407	0.629843	-1.5877	0.0364657	0.405497	2.46611												
cg18745424	GPR128	0.216719	0.620553	0.821527	-1.21725	0.732912	0.873771	-1.14446	0.251218	0.6236	-1.60359	0.475914	1.33052	1.33052	0.0300572	0.365988	-2.73233												
cg14431126	RHOU	0.216722	0.52586	1.31938	1.31938	0.0855284	0.875485	1.14256	0.0800645	1.09044	1.09044	0.0411246	1.58188	1.58188	0.0147253	1.37084	1.37084												
cg18391514	RCN2	0.216724	0.614194	0.791734	-1.26305	0.0150699	0.253487	-3.94497	0.230775	1.7817	1.7817	0.316783	0.62159	-1.60878	0.0402375	0.67453	-1.48251												
cg00111496	RNF34;RNF34	0.216725	0.0111496	0.496353	-2.01498	0.15451	0.715563	1.39783	0.0460407	1.03037	1.03037	0.93906	1.04581	1.04581	0.325922	1.15019	1.15019												
cg01570585	PLEKHO1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.216726	0.209453	0.654125	-1.52876	0.451321	0.781733	-1.27921	0.715154	0.888048	-1.1248	0.582956	0.837004	-1.19474	0.135879	0.5971	-1.67476												
cg26565848	PRKAR1B;PRKAR1B	0.216731	0.261209	0.441511	-2.26495	0.821655	0.854249	-1.17062	0.561597	0.663974	-1.50608	0.730229	0.785287	-1.27342	0.025522	0.156966	-6.37081												
cg19347782	MICAL2	0.216737	0.168345	2.47709	2.47709	0.0304587	4.81415	4.81415	0.237463	2.1484	2.1484	0.165524	2.49411	2.49411	0.142024	2.65235	2.65235												
cg26078398	C13orf1;C13orf1;C13orf1	0.216738	0.196988	0.658623	-1.51901	0.228574	0.819219	-1.22045	0.563847	1.70605	1.70605	0.272387	1.26269	1.26269	0.117439	1.20877	1.20877												
cg20858344	ADNP;ADNP	0.216744	0.102302	0.457729	-2.18685	0.798899	1.11821	1.11821	0.536011	1.31555	1.31555	0.194247	0.548259	-1.82396	0.438379	0.707575	-1.41328												
cg10691866	TPST1	0.216745	0.544155	0.651855	-1.53408	0.00666805	0.0859757	-11.6312	0.525535	0.638637	-1.56583	0.238496	0.422909	-2.36457	0.353141	0.513774	-1.94638												
cg04703137	FDX1L;RAVER1	0.216745	0.384658	0.840683	-1.18955	0.341284	1.16129	1.16129	0.0917259	0.760655	1.31496	0.0917259	0.760655	1.31496	0.0917259	0.760655	1.31496												
cg01149940	TRABD	0.216751	0.560252	0.815891	-1.22565	0.0765551	0.497647	-2.00946	0.56753	0.819036	-1.22095	0.996328	0.998412	-1.00159	0.0403005	0.447335	2.23546												
cg16948227	KIRREL3;KIRREL3	0.216752	0.0104822	0.477901	-2.09251	0.0208154	1.55334	1.55334	0.0135259	0.64018	1.56182	0.0135259	0.64018	1.56182	0.0135259	0.64018	1.56182												
cg10093805	AQP10	0.216753	0.817558	0.842526	-1.18691	0.988043	1.01117	1.01117	0.342055	2.06666	2.06666	0.0174736	0.117042	-8.54395	0.149596	0.318009	3.14457												
cg03759454	NIN;1	0.216754	0.0711554	0.364954	-2.74007	0.0195083	0.243173	4.10318	0.550905	0.739524	-1.35222	0.979847	1.01271	1.01271	0.362617	0.626302	-1.59667												
cg12850975	CAGE1;CAGE1;CAGE1	0.216765	0.689443	1.30077	1.30077	0.0111455	0.823264	1.21464	0.147325	1.47325	1.47325

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
pa23738760	ITV6	0.216858	0.878171	0.257779	-1.08017	0.213179	0.517321	-1.93303	0.3678781	0.3576666	-2.79595	0.866136	0.109167	1.09167	0.324057	1.66869	1.66869	2.79705	0.971685	1.01801	1.01801	0.153056	2.17547	2.13547	0.037464	2.80176	0.911202	0.945457	-1.05769	1.76897	7.08153	3.55839	1
pg07304692	LONRF2;LONRF2	0.216862	0.780273	0.952799	-1.04954	0.513207	0.121557	1.01061	0.0150035	1.47076	1.49706	0.939655	1.01318	1.01318	0.951128	0.989459	1.01065	1.01065	0.621229	1.08993	1.08993	0.063042	0.699258	-1.43009	0.076428	0.701126	-1.40595	0.666118	0.927694	-1.07794	1.76896	0.837461	0.420818	1
pg12683730	SPIN73	0.216866	0.250969	0.477858	-2.09267	0.098023	0.328159	-1.04731	0.108538	0.340384	-2.93785	0.0679612	0.284073	-3.52022	0.859278	0.896505	-1.11544	1.11544	0.195843	0.4308	-2.32126	0.154416	0.391229	-2.55605	0.0924408	0.3198	-3.12696	0.0600846	0.270979	-3.69302	0.76894	0.61681	0.533559	1
pg22695372	GCLM	0.216874	0.373842	0.773861	-1.29222	0.0644332	0.599116	-1.66921	0.937563	1.01951	1.010951	0.2548606	0.747589	-1.34071	0.32136	1.76741	-1.28743	1.28743	0.696364	1.10154	1.10154	0.0626479	1.67634	1.67634	0.2820188	0.759081	-1.31738	0.2960113	0.765735	-1.30593	1.7689	1.70364	0.856092	1
pg11554650	KIAA1949;KIAA1949	0.216877	0.799725	0.16869	1.005869	0.997584	1.00079	1.000079	0.190388	0.696005	-1.43677	0.258225	0.734691	-1.36112	0.970727	1.00964	1.00964	1.00964	0.174911	1.458	1.458	0.0199462	2.08363	2.08363	0.537732	1.17712	1.17712	0.843626	0.949696	-1.05297	1.76889	1.91337	0.961492	1
pg04353164	SUT1	0.216879	0.07985	4.95664	4.95664	0.124578	3.93309	3.93309	0.1880306	3.14295	3.14295	0.472067	1.82652	1.82652	0.47567	0.550284	-1.81731	1.81731	0.32596	2.30543	2.30543	0.053701	6.07112	6.07112	0.07365056	5.16714	5.16714	0.286207	2.48963	2.48963	0.176888	19.0015	0.54854	1
pg11823079	LOH13CR1;LOH12CR2	0.216879	0.731883	0.819472	-1.2203	0.960659	0.975669	-1.02494	0.452366	0.641981	-1.55768	0.0190679	0.19347	-5.16876	0.355403	0.57676	-1.73382	1.73382	0.175476	0.434304	-2.30253	0.876711	0.914047	-1.09404	0.449726	1.56187	1.56187	0.170112	2.32092	2.32092	1.76888	9.38833	4.71778	1
pg01124810	PTBP1PTBP1	0.216882	0.147909	0.729825	-1.37019	0.493365	0.868374	-1.15158	0.4865673	0.8664113	-1.15419	0.107153	0.699905	-1.42877	0.989311	1.00272	1.00272	1.00272	0.316894	0.810648	-1.23359	0.959074	1.62342	1.62342	0.261384	0.784491	-1.26824	0.6628656	0.914486	-1.09308	1.76886	1.15318	0.579497	1
pg25425784	DLL3;DLL3	0.216883	0.124333	0.640213	-1.56129	0.0765237	0.924607	-1.08152	0.593836	0.780177	-1.28176	0.0535966	0.36391	-2.74793	0.0960476	0.430457	-2.32311	2.32311	0.078483	0.406026	-2.4629	0.246109	0.575555	-1.74961	0.0899693	0.422371	-2.36759	0.266622	0.586394	-1.70534	1.76886	0.958808	0.299406	1
pg16481332	IQCE;IQCE	0.216885	0.107094	0.250372	-3.99405	0.120649	0.265756	-3.76285	0.661652	1.41438	1.41438	0.653987	0.689679	-1.44995	0.133386	0.279544	-3.57725	3.57725	0.374942	0.488251	-2.04813	0.0499225	0.171986	-5.81442	0.0482467	0.169139	-5.91228	0.405572	0.511757	-1.95405	1.76886	17.3631	8.72532	1
pg22909042	DRG2	0.216885	0.564283	0.874706	-1.14347	0.0655543	0.622204	-1.60719	0.324721	0.791773	-1.26299	0.537652	0.865509	-1.15406	0.669707	1.11033	1.11033	1.11033	0.123852	1.46266	1.46266	0.0611314	1.62331	1.62331	0.833262	0.952754	-1.04959	0.952699	1.01371	1.01371	1.76885	1.47661	0.742028	1
pg00718444	CYHR1	0.216894	0.716314	0.93044	-1.07476	0.327536	1.221	1.221	0.0397486	0.625186	-1.59952	0.6546	0.914881	-1.09304	0.915981	1.0211	1.0211	1.0211	0.597034	0.899062	-1.11116	0.0434665	1.58207	1.58207	0.53531	0.883358	-1.13204	0.546378	1.12817	1.12817	1.76881	1.09336	0.549645	1
ch.6.29585538	SYNE1;SYNE1;SYNE1	0.2169	0.108248	0.647145	-1.54359	0.616552	1.13524	1.13324	0.301465	1.30373	1.30373	0.0653618	0.598869	-1.66981	0.0732889	0.614736	-1.62672	1.62672	0.6553	0.894055	-1.11775	0.116854	0.65569	-1.52511	0.394005	0.805492	-1.24138	0.70829	0.48657	0.958684	-1.0431	1.76879	1.71941	0.864072	1
pg04294990	USP22	0.2169	0.223404	1.98778	1.98778	7	7	7	0.462598	0.660606	-1.65009	0.845021	1.04023	1.04023	0.0618161	0.939545	-1.13337	1.13337	0.0447929	0.285177	-3.5066	0.280354	0.514905	-1.94273	0.0281533	0.1481	1.01486	1.01486	0.91524	0.944834	-1.05839	1.84647	7.22896	3.42564	1
pg08952720	SYT7	0.2169	0.228708	0.807613	-1.23822	0.616325	0.228126	1.08921	0.033722	1.52596	1.52596	0.924502	0.984096	-1.01616	0.880755	1.02572	1.02572	1.02572	0.205824	1.25325	1.25325	0.806784	0.9104	-1.04232	0.641767	0.923811	-1.08247	0.0980661	0.735697	-1.35925	1.76879	0.801447	0.40276	1
pg04170282	MAD1L1;MAD1L1;MAD1L1	0.216901	0.598687	0.808748	-1.23648	0.428186	0.723755	-1.38168	0.0281763	1.46255	1.46255	0.0514355	0.821859	-1.21675	0.72021	1.09738	1.09738	0.0847244	0.61103	-1.63658	0.3908	-2.55884	0.924946	0.963039	-1.03838	0.77161	1.12337	1.12337	0.453645	1.35976	1.35676	0.7768	1.47526	2.24901	1
pg20632537	ALDH4A1;ALDH4A1;ALDH4A1	0.216906	0.119307	0.724718	-1.37985	0.0634877	0.672031	-1.48803	0.607884	1.1036	1.1036	0.178018	1.31338	1.31338	0.962283	0.991033	-1.00905	1.00905	0.359625	1.1965	1.1965	0.133181	1.36319	1.36319	0.69233	0.927046	-1.0787	0.627051	0.910954	-1.09775	1.76876	1.0163	0.51074	1
pg17860989	RNF17	0.216908	0.330423	0.837782	-1.19363	0.0987917	1.48673	1.48673	0.0799114	1.40842	1.40842	0.0998216	1.45393	1.45393	0.689825	0.931741	-1.07326	1.07326	0.701406	1.07026	1.07026	0.445779	1.1468	1.1468	0.897111	1.02926	1.02926	0.313227	1.20181	1.20181	1.76875	0.870991	0.437265	1
pg13652653	TMEM33	0.216914	0.0194855	2.13642	2.13642	0.074326	0.760378	0.924007	-1.08224	0.495951	0.821859	-1.21675	0.72021	1.09738	1.09738	0.0847244	0.61103	-1.63658	0.797173	0.939001	-1.07078	0.137405	0.661412	-1.51192	0.952636	0.98477	-1.01547	0.395553	1.25208	1.25202	1.7867	1.87002	0.939808	1
pg07909628	SLC12A7	0.216926	0.347263	0.725116	-1.37909	0.109314	1.78581	1.78581	0.401699	1.32983	1.32983	0.414584	0.758073	-1.31913	0.0259371	0.415594	-2.40619	2.40619	0.91955	1.03412	1.03412	0.37255	1.35532	1.35532	0.67123	1.15234	1.15234	0.840415	0.935233	-1.06925	1.76867	3.0897	1.5528	1
pg16266227	PTPN7;PTPN7	0.216926	0.265756	0.649499	-1.53905	7	0.106378	0.51884	-1.92738	0.7170552	0.58302	-1.71501	0.7170552	0.58302	-1.71501	0.73127	1.36699	1.36699	0.328622	1.4553	1.4553	0.144852	1.79087	1.79087	0.863089	1.16004	1.16004	0.766464	0.585819	-1.70701	1.76754	3.46341	1.94952	1
pg15099245	C1orf159	0.216928	0.112953	0.66416	-1.50566	0.352466	0.797659	-1.25367	0.158441	0.699341	-1.42992	0.286939	0.760869	-1.31429	0.0142035	0.556472	-1.79704	1.79704	0.823983	0.54526	-1.83456	0.212514	0.3654	-2.73616	0.0196194	0.07669	1.07669	0.518301	0.856123	-1.16806	1.76866	1.57611	0.792114	1
pg26152358	LSM14B	0.216934	0.7663609	0.858358	-1.16504	0.0756256	0.754898	-1.3246	0.0355577	0.7543468	0.7543468	0.0355577	0.7543468	1.32613	1.32613	0.288823	1.32613	1.32613	0.2728463	1.30403	1.30403	0.0474933	1.4303	1.4303	0.0895105	0.7347567	-1.33706	0.5613314	0.7702313	1.07923	0.881657	0.980848	-1.01953	0.237234	1
pg06112415	CGREF1;CGREF1;CGREF1	0.216935	0.141521	0.588556	-1.69907	0.383648	0.741161	-1.34924	0.732551	1.12189	1.12189	0.980668	0.991908	-1.00816	0.0540594	0.480381	2.08168	2.08168	0.362072	0.73043	-1.36906	0.0435912	0.459329	-2.17709	0.0680246	0.503957	-1.9843	0.279485	0.685918	-1.4579	1.76864	3.1493	1.58279	1
pg24997744	RAHCC1	0.216937	0.356824	1.20226	1.20226	0.148706	0.740099	-1.35117	0.247581	0.790592	-1.26488	0.973861	0.993652	-1.00639	0.0113124	0.715284	1.39803	1.39803	0.45226	0.861701	-1.16049	0.050668	0.814581	1.54185	0.974671	0.993848	-1.00619	0.58014	1.11472	1.11472	1.76863	1.05828	0.53188	1
pg16181613	PGK1	0.216943	0.11843	0.8007	-1.24898	0.0426188	0.723755	-1.38168	0.0281763	1.46255	1.46255	0.0514355	0.821859	-1.21675	0.72021	1.09738	1.09738	0.0847244	0.611033	-1.63658	0.3908	-2.55884	0.924946	0.963039	-1.03838	0.77161	1.12337	1.12337	0.453645	1.35976	1.35676	0.7768	1.47526	2.24901	1
pg01630940	TNXB	0.216943	0.172292	0.764573	-1.30792	0.702063	1.0736	1.0736	0.0242291	0.608709	-1.64282	0.733308	0.91876	-1.06524	0.0358253	0.636822	-1.5703	1.5703	0.985065	0.996547	-1.00346	0.952132	0.988969	-1.01115	0.259329	0.804576	-1.24289	0.455365	0.868929	-1.15084	1.7686	0.956372	0.480668	1
pg09737576	EIF2IP;GEMIN4	0.216944	0.124853	2.1098	2.1098	0.173052	1.18343	1.18343	0.554467	1.37213	1.37213	0.145017	2.12242	2.12242	0.0264492	1.52204	1.52204	1.52204	0.249964	1.7121	1.7121	0.0554975	2.68735	2.68735	0.364934	1.39044	1.39044	0.160401	0.511704	-1.95425	1.76859	5.59238	2.81071	1
pg10726935	GLT25D1	0.216945	0.276498	0.80863	-1.23666	0.109003	0.720366	-1.38818	0.934127	0.984607	-1.01563	0.211182	0.78098	-1.28404	0.0195389	0.588444	1.69824	1.69824	0.785711	1.05247	1.05247	0.374596	1.18652	1.18652	0.344856	0.833116	-1.20031	0.834312	1.04009	1.04009	1.76859	0.986423	0.495774	1
pg03565153	PHACTR1	0.216947	0.0448682	0.212273	-4.71092	0.906865	1.08198	1.08198	0.643602	0.730778	-1.3684	0.208801	0.409861	-2.43985	0.0723078	0.259196	-3.85809	3.85809	0.179425	0.382902	-2.61163	0.104535	0.30287	-3.30174	0.948686	0.957598	-1.04428	0.0734271	0.260873	-3.83328	1.76858	12.6938	6.3799	1
pg15586269	NDUFAF4	0.216949	0.309602	1.15891	1.15891	0.402019	1.15749	1.15749	0.264086	0.854981	-1.22243	0.891881	1.07679	1.07679	1.13704	1.13704	1.13704	1.13704	0.946703	1.01159	1.01159	0.913463	1.48253	1.48253	1.1104	0.12018	0.76136	0.948805	-1.05396	1.76858	0.833786	0.419061	1
pg07538946	SLC22A5	0.216954	0.694554	0.925119	-1.08094	0.450434	0.857025	-1.16683	0.699814	0.925211	-1.08083	0.290646	0.8025	-1.24611	0.371885	1.20195	1.20195	1.20195	0.69607	1.08195	1.08195	0.0103545	0.52312	-1.91161	0.827244	1.04483	1.04483	0.447728	1.16795	1.76855	1.15274	0.566711	1
pg18151858	LATS2	0.216955	0.438384	0.840213	-1.19004	0.354035	0.867027	-1.15393	0.0556882	0.6940269	0.6940269	0.0556882	0.6940269	-1.44094	0.0155069	0.562209	-1.77847	1.77847	0.5712391	1.17042	1.17042	0.0298648	1.44444	1.44444	0.0324538	0.8868	-1.12763	0.4314245	0.7270593	1.04127	0.961545	1.01025	-1.00015	0.32029	1.76851	1.74725	0.574405	1
pg00748640	GPRC5B	0.21696	0.815895	1.14917	1.14917	0.198568	2.24788	2.24788	0.916957	1.06415	1.06415	0.224059	2.14139	2.14139	0.0603028	3.53634	3.53634	3.53634	0.742119	1.21757	1.21757	0.27306	0.506591	-1.97398	0.0289981	0.443921	0.428608	1.61894	1.61894	1.76852	0.95508	5.00358	1
pg13536141	QPCA	0.216960	0.11767	0.191575	-5.21988	0.439029	0.464144	-2.1545	0.566798	0.568473	-1.75601	0.176184	0.41673	0.41673	0.541842	1.82311	1.82311	1.82311	0.12258	0.196494	0.5892	0.298015	0.350242	-2.85516	0.0715156	0.141301	-7.07707	0.480889	2.0073	2.0073	1.76848	26.4895	13.3143	1
pg22633036	R2	0.21697	0.525157	0.613892	-1.62895	0.0111737	0.089843	-11.3305	0.0545857	0.191589	-5.21952	0.685185	1.36186	1.36186	0.704254	0.74902	-1.33508	1.33508	0.473089	0.575237	-1.73841	0.711952	0.759673	-1.31636	0.934762	0.939848	-1.064	0.96623	1.0326	1.0326	1.76848	16.0837	8.08412	1
pg06965409	FT140	0.216965	0.123505	2.08581	2.08581	0.0481366	1.46526	1.46526	0.0676435	0.6878285	-1.45375	0.231656	0.6800854	-1.47075	0.0429709	0.524702	-1.90605	1.90605	0.2422078	2.32672	2.32672	0.0230308	1.79393	1.79393	0.555562	1.29599	1.29599	0.805263	0.898146	1.11134	1.76847	0.297	0.266243	1
pg02514579	DIP2C	0.216971	0.818217	1.07705	1.07705	0.373003	0.744631	-1.34295	0.136102	0.595818	-1.67836	0.494627	1.25058	1.25058	0.102068	1.78058	1.78058	1.78058	0.071202	0.91496	0.91496	0.284041	1.47602	1.47602	0.705986	1.12997	1.12997	0.16555	1.61097	1.61097	1.76847	1.91156	1.46344	1
pg16114962	AGAP1;AGAP1	0.216972	0.664843	0.829003	-1.20627	0.676931	0.835045	-1.19754	0.829449	0.911368	-1.09725	0.493811	1.40348	1.40348	0.405329	0.693303	-1.44237	1.44237	0.303175	0.630856	-1.58515	0.0942485	0.453177	-2.20664	0.0330947	2.92101	2.92101	0.337435	1.5303	1.5303	1.76847	5.18421	2.60574	1
pg13650856	EHBP1;EHBP1;EHBP1	0.216975	0.178039	0.649592	-1.53945	0.49364	0.832453	-1.20132	0.548703	0.803591	-1.24483	0.703531	1.24483	1.24483	0.703531	1.24483	0.703531	1.24483	0.162787	0.658553	-1.51848	0.482353	0.731	1.22121	1.22121	0.92079	0.972503	-1.02828	0.113719	0.616292	1.62261	1.76846	2.10547	1.10567	1
pg05239517	UQCR	0.216978	0.598273	1.12611	1.12611	0.877332	0.03513	-1.03513	0.511065	0.873951	-1.14423	0.806775	0.648735	-1.54146	0.0475764	0.60281	-1.6589	1.6589	0.630051	0.897261	-1.1145	0.640663	1.11072	1.11072	0.944709	0.984651	-1.01559	0.083586	1.539	1.539	1.76845	1.39754	0.702455	1
ch.18.5022487	CHST9	0.216979	0.0988843	0.810804	-1.23346	0.428186	0.723755	-1.38168	0.0281763	1.46255	1.46255	0.0514355	0.821859	-1.21675	0.72021	1.09738	1.09738	0.0847244	0.611033	-1.63658	0.3908	-2.55884	0.924946	0.963039	-1.03838	0.77161	1.12337	1.12337	0.453645	1.35976	1.35676	0.7768	1.47526	2.24901	1
pg15184797	R3HDML	0.216981	0.559454	0.848027	-1.17921	0.872354	0.956084	-1.04593	0.0348236	0.50307	-1.98779	0.540825	0.841207	-1.18877	0.0609321	0.554362	-1.80388	1.80388	0.153624	0.652665	-1.53218	0.0467824	0.529522	-1.8885	0.288386	0.735039	-1.36047	0.225917	0.70106	-1.42641	1.76843	2.18481	1.09818	1
pg08062512	AP1P1;AP1P1	0.216983	0.753097	0.954148	-1.04791	0.0497366	1.19872	1.19872	0.643317	1.12826	1.12826	0.761772	1.04037	1.04037	0.925342	0.8647	-1.15659	1.15659	0.550183	1.09628	1.09628	0.776772	0.846617	1.18085	1.18085	1.30176	1.30176	0.0183791	0.761265	1.31109	0.908823	1.01757	1.01757	1.76842	0.925528	1
pg05980727	FAM47A	0.216985	0.857416	0.93167	-1.07331	0.675615	1.07321	1.07321	0.253584	0.629689	-1.5889	0.804838	0.807192	1.0213	0.0233601	0.687508	1.45298	1.45298	0.2139	1.17304	1.17304	0.193687	0.902022	-1.10862	0.0199958	0.09384	1.09384	0.11398	0.864062	-1.15663	1.76842	4.33522	2.17908	1
pg17464366	ZC4H2	0.216989	0.205768	0.346151	-2.88891	0.0353283	0.142565	-7.01433	0.306973	0.431465	-2.31769	0.112106	3.9551	3.9551	0.47418	1.78337	1.78337	1.78337	0.209881	0.349832	-2.85851	0.861823	1.14851	1.14851	0.965992	0.966682	-1.03447	0.82949	0.842474	-1.18698	1.7684	17.6924	8.89311	1
pg19640883	LNX1;LNX1	0.216999	0.200063	0.481675	-2.07655	0.515617	0.529683	-1.88792	0.695254	1.42625	-1.45625	0.388441	0.900272	-1.11066	0.0862729	0.53995	-1.85171	1.85171	0.162151	0.394523	-2.53536	0.0955	0.308963	-3.23717	0.0115854	0.108893	-8.27177	0.0178053	0.132774	-7.53262	1.76839	25.5234	12.8294	1
pg08384314	IER3;FLOT1	0.217006	0.350395	0.24023	2.20423	0.232916	0.79702	-1.29702	0.745802	1.30666	1.30666	0.97565	1.02542	1.02542	0.295872	2.43838	2.43838	2.43838	0.152478	0.32635	0.32635	0.0180127	0.10227	0.10227	0.0432898	0.7438	0.7438	0.7631	0.76731	0.635619	1.48068	1.48068	1.76837	1.93878	0.51931	1
pg20018425	PANX2;PANX2;PANX2	0.217008	0.0155296	0.166164	-3.75706	0.97238	0.984679	-1.01556	0.708079	1.644568	-1.18264	0.135673	0.486066	-2.05733	0.134268	0.486066	-2.05733	2.05733	0.154238	0.05254	-1.14421	0.0413102	0.688555	-1.45232	0.0153803	0.743241	-1.34546	0.0609214	0.404019	-2.47513	1.76836	5.42302	2.7999	1
pg21455438	CD34;CD34;CD34;CD34	0.217011	0.700192	1.07272	1.10272	0.559326	1.26805	1.26805	0.0481005	0.7178576	0.7178576	0.0481005	0.7178576	1.41696	1.41696	0.0454415	1.64648	1.64648	1.64648	0.0384128	1.62305	1.62305	0.0741501	1.83169	1.83169	1.83169	1.83169	0.202427	0.731304	1.64498	1.44498	0.162362	1.45787	1.45787	1.76834	1.78874	0.899142	1
pg03870448	APBB2;APBB2;APBB2	0.217012	0.150931	0.384656	-2.59973	0.0175998	0.166491	-6.00634	0.135065	0.367899	-2.71834	0.488454	0.646068	-1.54782	0.265998	0.479834	-2.08405	2.08405	0.20278	0.434047	-2.3039	0.0960718	0.321612	-3.10955	0.0134456	0.367237	-2.72304	0.418157	0.598381	-1.67118	1.76834	10.7903	5.42392	1
pg16280922	C1orf25;C1orf25;C1orf25;C1orf25	0.217011	0.829313	1.04222	1.04222	0.744337	1.14217	1.14217	0.31003	1.13983	1.13983	0.499713	1.13272	1.13272	0.0886127	1.63652	1.63652	1.63652	0.2826	1.02246	1.02246	0.814396	1.09053	-1.11046	0.497712	1.06622	1.06622	0.461821	1.13602	1.13602	1.76833	1.40839	1	
pg07991945	SYNGR1	0.217022	0.321029	0.502377	-1.99054	0.142628	0.87526	0.87526	0.265403	2.17989	2.17989	0.547923	0.664811	-1.50419	0.404427	0.563945	-1.77322	1.77322	0.409801	0.567806	-1.76117	0.0317465	0.188671	-5.31528	0.481735	0.61871	-1.61627	0.25548	0.450641	-2.21906	1.76825	12.6253	6.34665	1
ch.1.65911138	UBR4	0.217023	0.305142	0.507158	-1.97177	0.935643	1.03145	1.03145	0.48572	0.762873	-1.31083	0.917823	1.04037	1.04037	0.925342	0.8647	-1.15659	1.15659	0.027622	2.17452	2.17452	0.106844	0.59138	-1.69061	0.0157157	0.08033	1.08033	0.104249	0.8826	-1.13302	1.76825	4.11739	2.06979	1
pg14842376	HDLBP;HDLBP	0.217028	0.114512	0.26937	1.26937	0.436118	0.895476	-1.11672	0.514644	0.91227	-1.09617	0.0427757	0.723222	-1.3827	0.873295	1.02241	1.02242	1.02242	0.334053	0.870713	-1.14848	0.644981	0.66559	1.50259	0.078244	0.76197	-1.31239	0.585274	0.926288	-1.07958	1.76823	0.540731	0.271826	1
pg25143838	ZNF853	0.217033	0.602135	1.14035	1.14035	0.0599303	0.58779	-1.70129	0.700866	0.908119	-1.10118	0.878072	0.962392	-1.03908	0.177956	1.42964	1.42964	1.42964	0.172332	1.43721	1.43721	0.228561	1.371	1.371	0.425503	1.22531	1.22531	0.167944	0.692856	-1.4433	1.7682	1.74598	0.877715	1
pg26768558	MGC23284;SNAI3	0.217035	0.878801	0.96425	-1.03727	0.810482	0.93636	-1.07026	0.278126	0.7264	-1.37685	0.0640458	0.69451	-1.44006	0.0104408	0.71241	1.41116	1.41116	0.162151	0.394523	-2.53536	0.0955	0.308963	-3.23717	0.0115854	0.108893	-8.27177	0.0178053	0.132774	-7.53262	1.76822	1.45652	0.42569	1.38997	1.76822	1.76818	0.858222	-1.1652	0.425609	1.38997	1.76822	1.76818	0.858222	-1.16536

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg03539451	TMUB1;TMUB1;TMUB1	0.227267	0.670206	1.08754	0.10254	0.440565	0.880931	-1.12748	0.0607793	1.38054	0.1598468	1.25749	1.25749	0.06302213	1.3758	1.3758	0.753062	0.952093	-1.04833	0.334065	0.658996	-1.16415	0.88327	1.02704	1.02704	0.16161	1.25612	1.25612	1.76718	0.653385	0.327646	1
cg19237421	FAM60A;FAM60A;FAM60A TTC23;TTC23;TTC23;TTC23;TTC23;TTC2	0.21727	0.06165567	0.216092	-4.62766	0.411948	1.80199	1.80199	0.0490121	5.17806	5.1780606	1.03038	1.03038	0.9171 96	0.930132	-1.07512	0.995812	1.00366	1.00366	?	?	?	2.42828	2.34929	2.34929	0.546455	1.53241	1.53241	1.94126	12.6218	4.87641	1
cg25576961	3;TTC23	0.217272	0.0399415	0.111473	-8.97081	0.513673	0.549133	-1.82105	0.33302	0.404113	-2.47456	0.756675	1.3242	1.3242	0.017844	0.068363	-14.6278	0.89774	1.12313	1.12313	0.924273	1.08965	1.08965	0.954912	1.05239	1.05239	0.759823	0.75803	-1.31921	1.83773	23.2358	9.83404	1
cg02845569	CCDC114	0.217276	0.0739588	0.29302	-3.41273	0.40273	0.589397	-1.69521	0.219416	0.451128	-2.21666	0.504298	0.658594	-1.51839	0.2234808	0.188396	-5.30796	0.360067	0.564188	-1.77246	0.0418726	0.235532	-4.24571	0.763493	0.830273	-1.20442	0.716847	0.798922	-1.25169	1.76714	10.6324	5.34823	1
cg06192883	MYO5C	0.21728	0.068442	0.391908	-2.55162	0.262315	0.58471	-1.71025	0.8610266	1.08379	1.08379	0.08656933	0.419202	-2.38497	0.197723	0.535195	-1.86848	0.16761	0.50899	-1.96468	0.0572745	0.372514	-2.68446	0.88883	0.42239	-2.36748	0.227606	0.559042	-1.78878	1.76712	5.90005	2.96782	1
cg22629762	ARHGEF10	0.217281	0.35058	1.19369	1.19369	0.144048	1.33538	1.33538	0.298113	1.21988	1.21988	0.314817	0.825687	-1.21111	0.747758	1.06126	1.06126	0.380492	1.1803	1.1803	0.027532	1.61657	1.61657	0.377408	1.18164	1.18164	0.0692293	1.45439	1.45439	1.76712	0.950374	0.478054	1
ch.1.48199 SIF	PLD5	0.217282	0.112929	0.334511	-3.37994	0.2550087	0.224604	-4.4228	0.183787	0.3923424	-2.5488	0.0551308	0.232751	-4.29543	0.148313	0.5536211	-2.82786	0.408789	0.567559	-1.76193	0.0613403	0.243335	-4.10956	0.811756	0.491963	-2.41568	0.385706	0.550903	-1.8152	1.76711	12.5795	6.32774	1
cg00939904	F2R	0.217283	0.433707	1.36045	1.36045	0.495814	1.30536	1.30536	0.859599	1.05169	1.05169	0.2840402	0.2839958	-2.82099	0.1530458	0.428975	-2.33114	0.71028	0.8660776	-1.15463	0.2739375	0.648337	-1.54241	0.8208055	0.8208055	0.128197	-1.09136	0.1196198	0.7770343	0.893676	-1.1156	1.76711	4.15542	2.09026	1
cg09973416	KIAA0182	0.217284	0.0961722	0.181854	1.81854	0.0787154	1.80491	1.80491	0.118028	1.74296	1.74296	0.195832	1.56481	1.56483	0.907856	1.03863	1.03863	0.799677	0.9201133	-1.0868	0.711906	0.885661	-1.1291	0.0451578	2.12194	2.12194	0.2569115	1.47304	1.47304	1.7671	2.99885	1.50848	1
cg07030139	ALDH1A3	0.217292	0.2186637	0.3995	2.50326	0.4703	0.1493	-2.2891	0.1853	0.1855	-5.16807	0.2838836	3.70936	3.70936	0.0178402	0.1748	-5.71927	0.1172207	0.502521	-1.98981	0.0118893	0.0247497	3.30762	3.30762	0.0119	2.77149	0.955199	0.936426	-1.06789	1.83763	38.9448	16.4834	1
cg06502642	CERK	0.217293	0.295818	0.585023	-1.70934	0.149316	0.24822	-2.14822	0.27044	0.566968	-1.76377	0.447038	0.68164	-1.46705	0.0196001	0.248281	-4.0277	0.9557768	0.972943	-1.02781	0.880331	0.07735	0.867555	0.885935	0.08738	0.08738	0.242753	0.546328	-1.8304	1.76706	6.84426	3.44288	1
cg00449707	RPL3;SNORD43;RPL3	0.217294	0.84133	0.957889	-1.04196	0.2960556	0.792496	-1.26184	0.674829	0.52984	-1.52884	0.157488	0.722026	-1.38327	0.883702	1.031932	1.03192	0.798066	0.9645135	-1.03684	0.8558804	0.628197	-1.59186	0.7985949	1.05643	1.05643	0.2559906	1.2899	1.2899	1.76706	1.06119	0.648606	1
cg10662479	WFDC3;DNTTIP1	0.217296	0.939625	1.03496	1.03496	0.224897	0.560846	-1.78302	0.884501	0.9136181	-1.06817	0.4850387	0.724804	-1.37968	0.334177	0.604628	-1.57127	0.7654419	0.8730359	-1.1454	0.0123993	0.243631	-4.10456	0.241006	0.57301	-1.74517	0.0645004	0.389765	-2.56565	1.76705	5.76023	2.8976	1
cg02075202	ACOX2	0.217299	0.263985	0.635909	-1.57255	0.514194	0.773219	-1.29329	0.841549	1.08093	1.08093	0.555725	1.26075	1.26075	0.107505	0.2631699	-3.79941	0.567107	0.798582	-1.25222	0.671027	1.1807	1.1807	0.518162	0.775146	-1.29008	0.48013	0.756487	-1.3219	1.76704	4.23047	2.12809	1
cg20056186	SHC2	0.217299	0.839944	0.969667	-1.06421	0.3128452	0.680716	-1.46904	0.6133397	1.16973	1.16973	0.6699596	1.14122	1.14122	0.3935556	1.079441	-1.30857	0.683012	1.13564	1.13564	0.251561	0.691695	-1.44572	0.0100189	0.367735	-2.71935	0.450746	0.789411	-1.26677	1.76704	2.60511	1.33311	1
cg04124690	WDFY3;WDFY3	0.217302	0.4211	0.550585	-1.81625	0.536316	0.634644	-1.57569	0.997848	1.00196	1.00196	0.943531	0.949864	-1.05278	0.0140377	0.165891	-6.02807	0.156265	0.332457	-3.0079	0.0310788	0.159201	-6.28136	0.6706899	1.36418	1.36418	0.2007799	0.3749	-2.66738	1.76702	14.7549	7.42235	1
cg05455720	MIR124-2	0.217309	0.587484	1.3448	1.3448	0.0111177	5.59393	5.59393	0.187894	2.12711	2.12711	0.972623	0.986281	-1.01991	0.1682719	2.21253	2.21253	0.553543	1.38286	1.38286	0.8467342	1.10972	1.10972	0.6894748	2.75302	2.75302	0.6079066	1.23487	1.23487	1.76699	8.18674	4.11838	1
cg24359109	KIF26B	0.217317	0.08738 01	0.1731667	-5.86474	0.375462	1.16252	1.16252	0.2536165	0.8343474	-1.22794	0.6683881	0.1514434	-1.07395	0.9404666	1.01244	1.01244	0.30765	0.8395451	-1.19113	0.0410154	0.147754	-6.77054	0.5154609	0.896576	-1.11535	0.57613	1.09801	1.09801	1.76696	0.76972	0.385834	1
cg25302957	RBM24;RBM24;RBM24	0.21732	0.413646	0.767676	-1.30263	0.334737	0.729996	-1.36987	0.0131731	2.64409	2.64409	0.598834	1.18287	1.18287	0.502034	1.24053	1.24053	0.935766	1.02583	1.02583	0.310119	1.39411	1.39411	0.846023	0.940347	-1.06344	0.224578	1.49715	1.49715	1.76694	2.80069	1.40893	1
cg07706375	MIR23A;MIR24-2;MIR27A	0.217321	0.3040889	0.629157	-1.57046	0.371586	0.697701	-1.43356	0.2230513	1.8877397	-2.57867	0.2254994	0.5828963	-1.71567	0.6042425	0.1836737	-5.4469	0.2646126	0.610766	-1.63724	0.0568358	0.4008361	-2.49775	0.7976	0.946802	-1.44692	0.076177	0.435277	-2.29739	1.76694	5.02163	2.53175	1
cg06241803	ABCF1;ABCF1	0.217324	0.139212	1.52902	1.52902	0.152775	1.50466	1.50466	0.567639	1.1664	1.16664	0.712127	1.10394	1.10394	0.4223423	1.23251	1.23251	0.349912	1.29268	1.29268	0.02808	0.50051	-1.99796	0.816981	0.940023	-1.0638	0.467681	1.21795	1.21795	1.76693	1.99207	1.00215	1
cg10630321	ZBTB34	0.217327	0.4863275	0.882767	1.13264	0.2502492	0.942964	1.12348	0.6544704	1.14295	1.1405	0.3131848	0.8988896	1.12148	0.477403	0.8855512	-1.12929	0.5270718	0.89776	-1.11393	0.4751961	0.146536	1.64536	1.64536	0.2884651	1.2038	1.2038	1.30185	1.19727	1.19727	1.76692	0.78795	0.398834	1
cg16812519	NDRG4;NDRG4;NDRG4	0.217327	0.192791	1.588	1.588	0.180047	1.61236	1.61236	0.141601	1.69945	1.69945	0.303683	1.42967	1.42967	0.52836	1.807 08	1.23903	0.413978	0.7755632	-1.32339	0.0777185	0.517976	-1.93059	0.6165513	0.88416	-1.18461	0.324489	1.40691	1.40691	1.76691	3.15036	1.58486	1
cg19594853	MUC4;MUC4;MUC4	0.217328	0.385646	0.746879	-1.33891	0.389471	0.748718	-1.33562	0.184052	0.62976	-1.58791	0.502696	0.799943	-1.25009	0.0381057	0.45554	-2.1952	0.0253398	0.417967	-2.39253	0.839033	0.935436	-1.13004	0.6830134	0.587572	-1.70192	0.156784	0.608368	-1.64374	1.76691	3.01334	1.51594	1
cg08348387	ANO7	0.217328	0.0835629	0.138501	-7.22185	0.410245	1.15317	1.15317	0.0964428	1.36194	1.36194	0.515371	1.11892	1.11892	0.0372576	1.437 33	1.43732	0.4107	1.1958	1.1958	0.1914178	0.11929	-1.11929	0.4419838	0.7697	-1.29921	0.870754	0.97282	-1.02794	1.76691	0.80451	0.40319	1
cg16730652	HEPH;HEPH;HEPH C7orf46;C7orf46;C7orf46;C7orf46;C7or f46;C7orf46	0.217331	0.263917	0.401665	-2.48964	0.6515194	0.192098	-5.20569	0.209457	0.354822	-2.81827	0.697011	1.35862	1.35862	0.13828	0.286517	-3.49019	0.663353	0.194866	-5.13173	0.931438	1.06972	1.06972	0.485148	0.573733	-1.74297	0.267142	2.47315	2.47315	1.7669	17.1679	8.63683	1
cg26600954	H6;C7orf46	0.217332	0.866354	1.01982	1.01982	0.615061	1.06086	1.06086	0.140271	0.831219	-1.20305	0.136736	1.20536	1.20536	0.248948	1.15041	1.15041	0.169821	1.18574	1.18574	0.13912	0.830705	-1.2038	0.670528	0.951362	-1.05112	0.163311	1.18929	1.18929	1.76689	0.379886	0.191113	1
cg13696013	IARS;IARS	0.217344	0.419448	0.606534	-1.64871	0.6692696	0.291756	-3.42753	0.0384456	0.233728	-4.27848	0.562245	0.701083	-1.42637	0.230399	0.466442	-2.14389	0.286756	0.511479	-1.95514	0.124885	0.365361	-2.73702	0.354485	1.78132	1.78132	0.71983	1.24397	1.24397	1.76684	10.2797	5.17165	1
cg03434847	GPHC5A	0.217345	0.8936263	1.0199	1.0199	0.2636	0.7258	-1.3778	0.9504	0.9506353	1.0526	0.1862	0.7853	-1.2734	0.4145093	0.8491	-1.1778	0.8801	1.1364	1.1364	0.1245	0.3311	-3.0199	0.1952	0.7749	-1.2906	0.2268	0.7561	-1.3225	1.7681	1.2356	1.6891	0.8	1
cg04789839	KIFC1;KIFC1	0.217367	0.495322	1.271621	1.27169	0.030534	0.413903	-2.41602	0.485828	0.782051	-1.27869	0.121894	0.558756	-1.78969	0.0452658	0.450543	-2.21954	0.8701	0.944771	-1.05846	0.68427	1.15248	1.15248	0.299209	0.873947	-1.14423	0.952049	1.02109	1.02109	1.76674	3.37176	1.69641	1
cg00325149	CDL11A1;CDL11A1;CDL11A1;CDL11A1 SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.217367	0.0435669	0.681778	-1.46675	0.464553	0.884378	-1.13074	0.146937	0.773411	-1.29297	0.0584555	0.702636	-1.42321	0.415249	0.871572	-1.14735	0.0541171	0.697101	-1.43451	0.0925184	0.736686	-1.35743	0.399135	0.8672	-1.15314	0.611123	0.918839	-1.08833	1.76674	0.762405	0.383585	1
cg12914043	K2;SLITRK2;SLITRK2;SLITRK2	0.217371	0.221633	0.245932	-4.06616	0.376949	0.37178	-2.67534	0.314012	0.320793	-3.11728	0.025842	17.9805	17.9805	0.216135	4.14242	4.14242	0.463928	0.443102	-2.25682	0.496414	0.470463	-2.12556	0.678977	0.57525	1.74525	0.895496	0.979144	-1.0213	1.76672	33.3601	16.7845	1
cg03976706	FOXN3;FOXN3	0.217374	0.822914	0.862447	-1.15949	0.176959	2.57917	2.57917	0.825098	0.864054	-1.15734	0.817418	0.858412	-1.16494	0.0091315	0.112233	-8.91005	0.473898	0.618261	-1.61744	0.71367	1.27545	1.27545	0.904395	0.923737	-1.08256	0.599005	0.705095	-1.41825	1.76671	12.1953	6.13586	1
cg16413619	HECTD1	0.217374	0.284533	0.709402	-1.40942	0.1884864	0.554687	-1.80282	0.431772	1.17092	1.27702	0.1849014	0.8995	1.11094	0.3649912	1.1329	1.1329	0.144406	0.6443	-1.55055	0.325903	0.200555	4.98613	4.98613	0.0706127	0.435227	-2.29739	1.76694	5.02163	2.53175	1
cg26162932	PRDM8	0.21738	?	?	?	0.6871	1.33493	1.33493	0.174475	2.80252	2.80252	0.505908	0.61783	-1.61857	0.228535	0.405913	-2.46358	0.01878166	0.131176	-7.62335	0.743255	0.790975	-1.26426	0.86925	0.88911	-1.12472	0.510507	0.62114	-1.60994	1.7745	12.715	7.16541	1
cg07734161	IFT140;TMEM204	0.217383	0.984332	1.00996	1.00996	0.897284	0.936878	-1.06737	0.168735	0.476956	-2.09663	0.413499	0.655701	-1.52509	0.0903549	0.380793	-2.56546	0.339039	0.608048	-1.64461	0.144528	0.45328	-2.20614	0.307516	1.70451	1.70451	0.0313442	0.279446	-3.57851	1.76667	7.13118	3.58801	1
cg24144070	CCDC57 SLC26A11;SLC26A11;SLC26A11;SLC26A 11;SLC26A11;SLC26A11;SLC26A11	0.217387	0.236011	1.27831	1.27831	0.128965	1.38321	1.38321	0.959123	0.988917	-1.01019	0.0905447	1.44591	1.44591	0.304202	1.12428	1.12428	0.378818	1.19546	1.19546	0.111442	0.709763	-1.40891	0.233322	0.781072	-1.28029	0.90731	1.0233	1.0233	1.76665	1.09392	0.550407	1
cg09700855	6A11;SGSH	0.217388	0.193525	0.599258	-1.66873	0.622827	1.20263	1.20263	0.43534	1.34477	1.34477	0.971193	1.01353	1.01353	0.702775	1.15337	1.15337	0.0940864	1.98398	1.98398	0.165602	0.576737	-1.73389	0.0958596	1.97532	1.97532	0.138315	1.81102	1.81102	1.76665	3.87583	1.95012	1
cg17389513	RGMB	0.217389	0.107774	0.2975	-3.36054	0.364519	0.684537	-1.46084	0.6594284	1.05695	1.05695	0.6886227	1.45217	1.45217	0.6820747	0.706775	1.41488	0.0458203	0.1774567	-5.63501	0.0178455	0.0349	28.6133	28.6133	0.0011	3.47647	-1.48265	0.1546854	0.895619	-1.11655	1.76661	19.8809	9.99106	1
cg26506691	PITX1	0.217394	0.256293	2.85856	2.85856	0.373111	2.24894	2.24894	0.292143	2.63479	2.63479	0.328877	1.21011	1.21011	0.1038306	0.699462	-1.42967	0.7094682	1.376692	1.39336	0.305596	0.390511	-2.56075	0.0187923	2.4702	2.4702	0.148022	3.95723	3.95723	1.76662	21.983	10.0609	1
cg23219253	ASAP2;ASAP2	0.217395	0.33762	0.564262	-1.77223	0.0350558	4.1435	4.1435	0.807928	1.15141	1.15141	0.445622	0.6375 81	-1.56843	0.898402	1.07675	1.07675	0.753956	1.19962	1.19962	0.0478052	0.269833	-3.70599	0.880809	1.09074	1.09074	0.431535	0.628318	-1.59155	1.76662	9.37569	4.71746	1
cg00741946	TFCP2L1	0.217396	0.0295946	0.6837	-1.46257	0.155177	0.896856	-1.11507	0.7965586	1.1	1.00001	0.0001098	1.21088	1.21088	0.2284457	0.795588	-1.25637	0.8103166	0.9574662	-1.04442	0.7354	0.854802	0.657447	-1.52107	0.6547	-1.48265	0.1548854	0.895619	-1.11655	1.76661	0.91472	0.460251	1
cg09182435	CAMTA1	0.217398	0.050214	0.270529	-3.69647	0.0950064	0.9283	0.9283	0.744756	0.825875	-1.21084	0.751805	1.20419	1.20419	0.100546	0.348715	-2.86767	0.5595	0.707792	-1.41284	0.268974	0.509551	-1.96251	0.260967	0.503293	-1.98691	0.929441	1.05324	1.05324	1.76661	0.59592	4.82831	1
cg01552903	GPR39	0.217399	0.388714	0.645376	-1.51154	0.0799113	0.6423561	-2.36653	0.300536	1.655154	1.655154	0.517783	1.35888	1.35888	0.2630202	0.7402	-1.35095	0.6555553	0.801051	1.12354	0.0843319	0.4084919	-2.44248	0.0532266	0.858037	-1.29381	0.8584913	1.0871	1.0871	1.7666	6.13473	3.07912	1
cg13333185	PRTG	0.217404	0.0295482	0.142977	-6.42977	0.3601037	0.142577	1.34257	0.0139	1.3896362	-1.1119	0.7215615	0.9502228	-1.05238	0.4658973	1.1091	1.1091	0.732611	0.953275	-1.04901	0.7648	0.9359706	-1.06919	0.9657651	0.839344	-1.1851	0.1375548	1.13466	1.13466	1.7666	0.544722	0.274085	1
cg06835509	PRKCB;PRKCB	0.217401	0.607588	1.32888	1.32888	0.615052	1.32094	1.32094	0.264868	0.528402	-1.8925	0.230263	1.9958	1.99558	0.697708	1.23896	1.23896	0.444475	1.53333	1.53333	0.830143	1.12517	0.1147267	0.192445	-5.19628	0.684937	1.25098	1.25098	1.76659	8.43138	4.24238	1
cg07409680	BICD1;BICD1	0.217405	0.3702026	0.7859	-1.27248	0.3572	0.2586	-3.8681	0.4921	0.178721	1.12628	0.1276628	0.8787	1.0902	0.1529099	0.9402	-1.06355	0.8095	1.0203	1.0203	0.6939696	0.529933	-1.88325	0.5016	0.922129	-1.08549	0.615187	0.92243	-1.08411	0.79657	0.7036	0.350603	1
cg00791418	KIAA1009	0.217408	0.586283	0.911193	-1.09746	0.736274	1.05887	1.05887	0.395604	1.15862	1.15862	0.789232	1.04638	1.04638	0.596056	0.913441	-1.09476	0.282182	1.2082	1.2082	0.0170254	0.611171	-1.6362	0.896582	1.02225	1.02225	0.165928	1.28407	1.28407	1.76656	0.803131	0.4032	1
cg00441651	SHISA6	0.217409	0.193129	0.509236	-1.96373	0.408635	0.669934	-1.51306	0.456254	1.45036	1.45036	0.501251	1.38722	1.38722	0.4470402	1.32914	1.32914	0.144406	0.6443	-1.55055	0.325903	0.144385	6.92705	6.92705	0.0147	-1.22179	0.136756	0.450599	-2.19347	1.76656	6.71804	3.38035	1
cg03863007	FGD3;FGD3	0.217413	0.759501	0.84951	-1.11793	0.0167097	0.88812	0.88812	0.302865	1.47325	1.47325	0.211766	0.6202283	-1.61217	0.75305	1.12141	1.12141	0.5938	0.82472	-1.21585	0.737985	1.12963	1.12963	0.26322	1.38056	1.38056	0.339647	1.69565	-1.42946	1.76654	3.68773	1.8556	1
cg02357755	DEPDC6	0.217413	0.476544	1.24173	1.24173	0.891112	0.95986	-1.04182	0.548921	0.834102	-1.19889	0.766199	1.09329	1.09329	0.268427	0.708382	-1.41167	0.540394	1.20368	1.20368	0.0085729	0.366803	-2.72626	0.858434	1.05485	1.05485	0.848506	1.05887	1.05887	1.76654	2.50293	1.25943	1
cg00309275	PHLDA2;PHLDA2	0.217413	0.140901	1.37	1.37	0.1777	0.940339	-1.08585	0.170548	0.296497	-3.37271	0.763029	0.777331	-1.28625	0.1563029	0.6423	-1.55707	0.707857	0.738222	-1.3552	0.2173628	0.747053	-1.33859	0.0431549	0.143997	-6.9446	0.228339	0.399276	-2.50453	1.76654	19.4137	9.76863	1
cg04579966	SPATA13;SPATA13	0.217417	0.865388	1.1749	1.1749	0.1749072	0.0882154	-1.66594	0.134149	0.215542	-4.63947	0.66138	0.657889	-1.52001	0.0372607	0.100572	-9.9433	0.52459	0.541957	-1.84517	0.260868	0.353709	-2.97877	0.665659	0.661653	-1.51137	0.625562	0.62675	-1.59553	1.76652	25.2504	12.7056	1
cg18818834	PAQR8	0.217419	0.0232322	0.13148	-7.60439	0.2663407	0.899373	-1.11363	0.2859	0.2	0.2	0.0	0.344342	0.2	0.2189095	0.7084	-1.41183	0.1012164	0.620206	-1.61237	0.0884403	0.1407	7.10892	7.10892	0.142458	0.1931414	0.938998	-1.06547	1.76652	0.82665	0.415	1
cg05350607	LINGO4	0.217421	0.25335	0.673963	-1.48376	0.0590178	0.02426	2.02426	0.976216	0.990188	-1.00991	0.16172	0.569079	-1.75722	0.572737	0.828191	-1.20745	0.348522	0.726708	-1.37607	0.207794	1.55164	1.55164	0.415867	1.75953	-1.3166	0.2642	1.68049	-1.46952	1.7665	3.0608	1.54017	1
cg01080768	HS01782;HSD17B2	0.217424	0.6585225	0.832443	-1.20128	0.197388	1.75392	1.75392	0.0369409	0.368206	-2.71587	0.646621	0.835389	-1.19705	0.515025	1.29569	1.29569	0.138474	0.518076	-1.93022	0.0915729	0.464862	-2.15118	0.73766	0.870576	-1.14866	0.755972	1.13717	1.13717	1.76646	4.75643	2.39345	1
cg22852194	MRPL42;MRPL42;MRPL42	0.217436	0.485782	1.23574	1.23574	0.1585075	2.4512	2.4512	0.287321	1.25628	1.25628	0.1276628	0.7402	-1.35099	0.2630202	0.7402	-1.35095	0.8095	1.0203	1.0203	0.6939696	0.529933	-1.88325	0.5016	0.922129	-1.08549	0.615187	0.92243	-1.08411	0.79657	0.7036	0.350603	1
cg00818903	C10orf131	0.217439	0.833763	1.04715	1.04715	0.233553	0.760411	-1.31508	0.208704	0.747895	-1.33709	0.265924	0.775611	-1.28931	0.594056	1.12515	1.12515	0.0255274	0.558945	-1.78908	0.0890761	0.662967	-1.50837	0.462647	1.17808	1.17808	0.807148	0.947803	-1.05507	1.76643	1.34419	0.676414	1
cg00268019	LY75	0.217439	0.0222559	0.171663	-5.82661	0.378876	1.17686	1.17686	0.0422724	1.21708	1.21708	0.1683036	0.976816	1.02178	0.8218	1.21118	1.21118	0.940718	0.938435	-1.06538	0.6642046	0.75129	-1.33129	0.6455721	0.9401	-1.06377	0.8481	0.9401	-1.06377	1.76641	0.76823	0.3805	1
cg01357233	LRRC18;WDFY4	0.217441	0.2209852	0.347014	-2.88173	0.403628	0.733219	-1.36306	0.162555	0.567935	-1.76076	0.117892	0.525009	-1.90473	0.0503113	0.428878	-2.33166	0.223609	0.622584	-1.60621	0.301755	0.666319	-1.50078	0.83584	0.924282	-1.08192	0.53401	0.787411	-1.26999	1.76642	1.02846	2.02718	1
cg17913451	C14orf37	0.217441	0.743713	1.04664	1.04664	0.171886	1.23194	1.23194	0.206937	1.20315	1.20315	0.659221	1.06361	1.06361	0.350199	1.14295	1.14295	0.186582	1.21476	1.21476	0.2402159	0.842915	-1.18636	0.605527	1.07508	1.07508	0.018262	1.4888	1.4888	1.76641	0.540155	0.271815	1
cg20174483	PHLDA2;PHLDA2	0.217449	0.8799032	1.0503	1.0503	0.2636	0.7258	-1.3778	0.9504	0.9506353	1.0526	0.1862	0.7853	-1.2734	0.4145093	0.8491	-1.1778	0.8801	1.1364	1.1364	0.1245	0.3311	-3.0199	0.1952	0.7749	-1.2906	0.2268	0.7561	-1.3225	1.7681	1.2356	1.6891	0.8

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111A vs. N)	Fold-Change(111A vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg20518446	AHNAK;AHNAK	0.217657	0.248086	1.6283	0.1283	0.0330078	2.73646	2.73646	0.352165	0.679374	-1.47194	0.999075	1.00047	1.00047	0.320769	1.51317	1.51317	1.51317	0.0865616	2.14766	2.14766	0.144746	1.88218	1.88218	0.2224123	1.67469	0.275576	1.58087	1.58087	1.76547	4.5584	2.29509	1
cg25795535	WDR92;PNO1	0.217658	0.845073	0.968602	-1.03242	0.275581	1.20316	1.20316	0.472393	1.12658	1.12658	0.0798696	1.37288	1.37288	0.360157	0.857886	1.16566		0.7113791	1.06248	1.06248	0.603783	0.918177	-1.08911	0.688593	1.0679	1.0679	0.0182983	1.59512	1.59512	1.76547	0.7434641	0.374323	1
cg24629122	SV2A;SV2A	0.217658	0.196117	1.37367	1.37367	0.639119	0.896105	-1.11594	0.571593	1.14199	1.14199	0.0277255	1.83007	1.83007	0.672054	0.905835	-1.10395		0.1382288	1.44866	1.44866	0.219656	0.74098	-1.34956	0.8261558	1.05242	1.05242	0.497323	0.852107	-1.17356	1.76547	1.50835	0.759435	1
cg27531879	CDC11A1;CDC11A2;CDC11A2	0.217766	0.4793827	0.852864	-1.17252	0.326532	1.25128	1.25128	0.108011	0.678355	-1.47415	0.982947	0.9952881	-1.00474	0.0302688	0.569023	-1.75719		0.7080282	1.08682	1.08682	0.335153	1.24602	1.24602	0.277999	0.779024	-1.28358	0.2794005	0.779664	-1.28257	1.76546	1.36942	0.689486	1
cg19234619	B4GALT5	0.217662	0.953329	0.985706	-1.0145	0.6087687	1.65045	1.65045	0.059204	1.68872	1.68872	0.503319	0.846138	-1.18184	0.253289	1.34109	1.34109		0.3338118	0.782547	-1.27788	0.210366	0.722762	-1.38358	0.587545	0.873968	-1.14421	0.85934	1.0446	1.0446	1.76545	1.69182	0.851818	1
cg14572967	CD72	0.217662	0.1564649	0.528802	-1.89107	0.1026627	6.71164	6.71164	0.617948	1.78091	1.78091	0.420882	1.42348	1.42348	0.266398	2.220536	2.252395		0.307844	0.324527	-3.08141	0.0761583	8.19711	8.19711	0.817425	0.7834499	-1.27659	0.1449117	5.30754	5.30754	1.76545	31.7821	16.002	1
cg01895740	CLEC4GP1	0.217663	0.0319996	0.337861	-2.9598	0.105465	2.14658	2.14658	0.953886	0.975334	-1.02529	0.75479	1.1449	1.1449	0.833659	0.913177	-1.09508		0.3584141	1.5033	1.5033	0.700051	0.8460842	-1.18197	0.1111646	0.473176	-2.11338	0.9973336	0.998559	-1.00144	1.76545	5.21532	2.62588	1
cg22949881	DDX12	0.217665	0.0491665	0.681848	-1.4662	0.636365	1.08461	1.08461	0.613758	0.928549	-1.08057	0.6646694	0.7017511	-1.42509	0.617594	0.965924	-1.03562		0.598074	1.09527	1.09527	0.483907	0.8657644	-1.15505	0.6275322	1.08696	1.08696	0.124646	1.32744	1.32744	1.76542	0.8131898	0.4094645	1
cg11479165	RBPMS2	0.217678	0.0734423	3.76707	3.76707	0.49804	0.633117	-1.57949	0.5577999	1.45942	1.45942	0.137462	2.89498	2.89498	0.470403	0.613945	-1.62981		2.26386	2.16829	2.16829	0.388013	1.80023	1.80023	0.1954115	1.98681	-1.00132	0.1283111	2.88136	2.88136	1.76538	12.3459	6.21632	1
cg27046622	TAGAP;TAGAP;TAGAP	0.217679	0.5355519	0.833038	-1.20187	0.0205784	0.441572	-2.26463	0.0607835	0.538252	-1.85787	0.27301	0.715826	-1.39699	0.204611	0.675525	-1.48033		0.686809	0.888003	-1.12612	0.592691	1.17145	1.17145	0.754965	1.09609	1.09609	0.773487	1.08825	1.08825	1.76538	2.4011	1.20898	1
cg15150248	DOCK4	0.217679	0.474673	1.23593	1.23593	0.727547	1.66327	1.66327	0.147759	1.68225	1.68225	0.0405348	2.2007	2.2007	0.202057	1.745627	1.745627	1.745627	1.2202037	1.53936	1.53936	0.0404544	2.00592	2.00592	0.2204611	1.539303	0.572699	1.21017	1.21017	1.76537	3.11165	1.57683	1
cg03201096	CHN2;CHN2	0.217768	0.162294	1.87198	1.62684	0.212799	1.27299	1.27299	0.830168	1.09447	1.09447	0.192493	1.78549	1.78549	0.416129	1.41803	1.41803		0.373061	1.46858	1.46858	0.0087085	4.06684	4.06684	0.236118	1.68495	0.194381	1.78061	1.76537	4.93803	2.48637	1
cg26491444	SMOX;SMOX;SMOX;SMOX	0.217683	0.712844	0.895157	-1.10907	0.0729985	0.971503	-1.29269	0.916454	0.947356	-1.93805	0.626716	0.871746	-1.14712	0.819909	1.06594	1.06594		0.1635141	1.55651	1.55651	0.0577857	1.823349	1.82349	0.757656	1.09054	1.09054	0.321942	0.75085	-1.33182	1.76536	2.19273	1.10408	1
cg24749089	FMNL2	0.217688	0.926302	1.02745	1.02745	0.026994	2.14901	2.14901	0.273123	1.39503	1.39503	0.509209	1.21586	1.21586	0.745756	1.09962	1.09962		0.8338669	0.940535	-1.06322	0.0673183	0.5496667	-1.81928	0.3768338	1.30305	1.30305	0.688693	0.880094	-1.12474	1.76533	2.38216	1.19948	1
cg14777131	SIRT1;SIRT3	0.217688	0.718916	0.884475	-1.13061	0.392484	1.34657	1.34657	0.714556	1.13289	1.13289	0.451258	0.770507	-1.29785	0.0164539	0.369496	-2.70639		0.079842	0.516739	-1.93521	0.779383	1.09989	1.09989	0.687545	1.14721	1.14721	0.507934	0.796012	-1.25626	1.76533	3.22568	1.62421	1
cg14193516	SHSH3	0.217692	0.1393299	1.94159	-2.88929	0.170263	3.02445	3.02445	0.108238	0.577954	-1.73064	0.957455	0.9955473	-1.00453	0.544766	0.924534	-1.08155		0.8819353	1.04794	-1.04794	0.472438	2.223838	2.67767	0.806903	0.8279998	-1.20773	0.5567003	0.632445	-1.58116	1.76532	16.6087	8.36299	1
cg01705541	NAGLU	0.217695	0.0322959	0.127918	-7.81753	0.671152	1.41954	1.41954	0.587851	1.56654	1.56654	0.725275	0.748692	-1.33566	0.0672146	0.185888	-5.37959		0.4264499	0.513724	-1.94657	0.665779	0.700126	-1.42831	0.8282285	0.836782	-1.19505	0.0577565	0.172046	-5.81241	1.76531	18.814	9.47346	1
cg03487115	AKAP9;AKAP9	0.217697	0.790039	0.916566	-1.09103	0.0166907	2.09596	2.09596	0.187709	1.57341	1.57341	0.876424	0.950465	-1.05212	0.58956	1.19459	1.19459		0.730228	0.893146	-1.11964	0.0704087	1.91879	1.91879	0.291514	1.42949	1.42949	0.344423	1.37429	1.37429	1.7653	2.9798	1.50044	1
cg22080601	KIAA0754;MACF1;MACF1	0.217698	0.6003886	1.24939	1.24939	0.126888	2.04807	2.04807	0.175365	0.946951	-1.85503	0.584846	0.7625934	-1.26162	0.0413978	0.513728	-1.94605		0.677778	0.83861	-1.19254	0.275363	1.612254	1.61254	0.459191	1.37365	1.37365	0.489251	1.34435	1.34435	1.76529	4.96108	2.49808	1
cg20563152	C17orf95;IMJD6;IMJD6	0.217708	0.657678	1.0954	1.0954	0.949111	0.987043	-1.01313	0.298275	1.24645	1.24645	0.152909	1.36722	1.36722	0.382035	1.20103	1.20103		0.02735952	1.7028	1.7028	0.119673	0.7082233	-1.41199	0.4406666	1.1743	1.1743	0.3064944	1.2415	1.2415	1.76525	1.16722	0.587755	1
cg01790407	MUC4;MUC4;MUC4	0.217711	0.0983495	0.526299	-1.9001	0.2724003	0.615467	-1.62497	0.275818	0.620697	-1.61128	0.2863	0.439529	-2.18363	0.196519	0.4403131	-2.27048	0.0772406	0.2570818	3.89018	3.89018	0.0257188	4.03933	4.03933	0.1098515	0.206	0.1206	4.85354	1.76525	1.76525	1.76525

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(1221 vs. N)	Fold-Change(1 221 vs. N)	p-value(1477 vs. N)	Fold-Change(1 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 637 vs. N)	T(Test)	SS(Test)	SS(Error)	df
cg05746256	CDH15	0.217997	0.526314	1.10776	1.16776	0.680772	1.0503	1.10503	1.00243	0.214854	1.21851	0.910105	0.975772	-1.02483	0.578743	1.145	1.145	0.897941	0.969494	-1.03147	0.935511	1.27096	1.27096	0.267486	1.32166	1.32166	0.180391	0.709334	-1.40977	1.76398	1.62846	0.820597	1
cg12484045	PECI;PECI;PECI	0.218	0.579231	0.907398	-1.10205	0.3023098	1.20364	1.20364	0.236262	1.24024	1.24024	0.803148	0.957594	-1.04428	0.35171	1.18089	1.18089	0.401538	0.861606	-1.16062	0.02783561	0.636994	-1.56987	0.685779	0.931867	-1.07311	0.205254	1.26094	1.26094	1.76397	0.840855	0.423718	1
cg19763428	PDE1C	0.2180002	0.865209	1.08504	1.08504	0.024196	0.272339	-3.67189	0.642863	0.797709	-1.25359	0.331462	0.615713	-1.62413	0.381367	1.54428	1.54428	0.57972	0.762812	-1.31094	0.0747306	0.382594	-2.61374	0.801267	0.885084	-1.12984	0.306363	1.66957	1.66957	1.76396	6.54454	3.2979	1
cg16497921	KIF18A;KIF18A;METTSD1;METTSD1	0.218014	0.231398	1.21822	1.21822	1.325821	1.17295	1.17295	0.064097	1.38579	1.38579	0.127616	1.29503	1.29569	0.158385	1.26757	1.26757	0.364226	1.15797	1.15797	0.103549	0.755826	-1.32306	0.376377	1.15343	1.15343	0.55232	1.09915	1.09915	1.76391	0.690748	0.348089	1
cg19071367	RAB1B	0.218019	0.835028	1.04789	1.04789	0.740569	0.928172	-1.07739	0.533707	1.15188	1.15188	0.429314	0.834441	-1.19841	0.162517	1.39722	1.39722	0.892546	1.03078	1.03078	0.336479	1.17624	1.72604	0.202423	1.35242	1.35242	0.0449755	1.67555	1.67555	1.76389	1.40583	0.708451	1
cg00612467	HADH;HADH	0.21802	0.689168	1.0677	1.0677	0.2040097	1.24402	1.24402	0.125388	1.31025	1.31025	0.362468	1.16473	1.16473	0.0566456	1.4212	1.4212	0.243924	0.819865	-1.23971	0.674232	0.933443	-1.0713	0.0882557	1.35857	1.35857	0.668495	0.932226	-1.0727	1.76388	0.741452	0.373646	1
cg01341170	SHSA9;SHISA9	0.218025	0.607258	0.784971	-1.27393	0.744866	1.16451	1.16451	0.658098	1.2311	1.2311	0.742227	1.1665	1.1665	0.46912	1.41113	1.41113	0.281154	0.591261	-1.6913	0.110614	2.27433	2.27433	0.0235168	3.6615	3.6615	0.131488	2.15635	2.15635	1.83411	6.18499	2.62282	1
cg18550969	KCNB2	0.218025	0.501365	1.19747	1.19747	0.4806881	1.11319	1.12819	0.435341	1.47771	1.47771	0.244475	1.86253	1.84259	0.265686	1.76617	1.76617	0.471216	1.43251	1.43251	0.265105	1.76749	1.76749	0.0139392	4.43473	4.43473	0.0422312	3.15055	3.15055	1.76386	6.7185	3.38575	1
cg22931151	DR2V2	0.218026	0.0598052	15.92395	5.03089	0.0307184	1.64709	1.64709	0.251014	0.663193	-2.75336	0.684917	1.37029	1.37029	0.963262	0.0364	1.0364	0.436371	1.85209	1.85209	0.83982	0.866446	-1.15414	0.327934	0.456671	-2.18976	0.201814	0.351295	2.84661	1.76386	1.86297	0.84126	1
cg15361028	LRRC1	0.21803	0.238291	1.18496	1.18496	0.0367198	0.716455	-1.39576	0.824087	0.960874	-1.03106	0.732727	0.953994	-1.04822	0.13542	1.24746	1.24746	0.155882	1.23195	1.23195	0.460972	0.902014	-1.10863	0.619724	0.933577	-1.07115	0.71535	0.950923	-1.05161	0.76384	0.527354	0.26576	1
cg20503434	SEC14L3	0.218031	0.100916	9.90744	2.58006	0.0466041	0.66547	1.50919	0.644579	0.623257	-1.60448	0.60653	0.701931	-1.42455	0.0237518	2.05247	2.05247	0.168008	0.410933	-2.43344	0.204945	0.445067	-2.24686	0.0470582	0.504554	-1.98211	0.0422312	0.560254	-1.78383	10.2341	1.5175	1
cg07341378	TBC1D12;TBC1D12	0.218032	0.678414	1.07084	1.07084	0.074936	1.38483	1.38483	0.990535	1.00195	0.610299	1.08804	1.08804	0.0439703	1.46228	1.46228	1.46228	0.656085	1.07635	1.07635	0.129132	0.764113	-1.30871	0.533896	0.902866	-1.10758	0.226116	1.23478	1.23478	1.76383	0.752772	0.379362	1
cg00374055	GPR137B	0.218034	0.0292608	0.809802	-1.23473	0.2938436	1.1087	1.1087	0.311991	0.937595	-1.06691	0.981916	1.00166	1.00166	0.12906	0.87402	1.14414	0.215006	0.89388	-1.1131	0.146914	0.884029	-1.13631	0.844318	0.984405	-1.01584	0.992098	0.990549	-1.00943	1.76382	0.188276	0.0948831	1
cg26482757	AKAP13;AKAP13	0.218035	0.113976	0.344939	-2.89907	0.0173056	0.166202	-6.01676	0.248478	0.473898	-2.11016	0.930931	0.947353	-1.05513	0.268489	0.48996	2.04098	0.538838	0.680334	-1.46987	0.0583012	0.265943	-3.76021	0.842963	0.88446	-1.13063	0.874025	0.900453	-1.1032	1.76382	10.704	5.39434	1
cg22642495	C19orf66	0.218035	0.39376	1.44524	1.44524	0.0693857	0.24771	0.24771	0.049207	0.972891	-1.02786	0.911248	1.98764	1.98764	0.0743163	0.619088	1.61528	0.16246	1.87521	1.87521	0.681666	0.218618	2.68311	0.0281568	0.467628	1.3656	1.3656	1.76382	4.96529	2.50229	1
cg23232381	SLC13A3;SLC13A3	0.21804	0.129626	2.40414	-2.47436	0.1661222	0.441732	-2.26387	0.027646	0.236744	-4.22396	0.426336	1.56743	1.56743	0.248343	0.512287	1.94978	0.221002	1.76576	1.76576	0.43155	-2.31723	0.450142	0.65326	-1.53078	0.553802	1.38757	1.38757	1.7638	8.55242	4.31011	1
cg26819757	JPH3	0.218042	0.766661	1.29816	1.29816	0.0231549	0.81832	0.81832	0.104809	0.73236	-4.73236	0.538342	0.579081	-1.72687	0.697333	0.709821	-1.40881	0.77619	1.28394	1.28394	0.689105	0.702828	-1.42282	0.162355	0.270347	-3.69895	0.862984	0.859447	-1.16354	1.76379	2.14796	10.825	1
cg07879155	PLXDC1;PLXDC1	0.218045	0.151005	0.449034	-2.24593	0.277398	0.89792	-1.11671	0.0523517	0.368212	-2.70913	0.240108	0.575923	-1.73634	0.0759157	0.409767	-2.44041	0.597233	1.27361	1.27361	0.96625	1.00212	1.00212	0.208625	1.81975	1.81975	0.365722	0.657209	-1.52159	1.76378	5.60881	2.87203	1
cg18151105	HESX;HESX	0.218046	0.64154	1.55176	1.55176	0.10966	0.0407543	1.64791	1.64791	0.0153011	1.62979	1.62979	0.0423801	1.62979	1.62979	0.0422336	1.62979	0.146634	0.707677	-1.41307	0.366276	1.22876	1.22876	0.870757	1.03685	1.03685	0.353233	1.23624	1.23624	1.76377	1.57593	0.693943	1
cg02170525	CDBA;CDBA;CDBA;CDBA;CDBA;CDBA	0.218048	0.436907	1.4211	1.4211	0.358262	1.51986	1.51986	0.119028	0.4725201	-2.1164	0.835898	1.09627	1.09627	0.110857	0.463126	-2.15924	0.109444	0.461459	-2.16704	0.288239	0.613512	-1.62996	0.213752	1.78624	1.78624	0.567905	1.2915	1.2915	1.76376	5.48505	2.76432	1
cg04571059	FBXO31;MAP1LC3B	0.218048	0.817442	1.04617	1.04617	0.690848	1.30543	1.30543	0.0497699	1.55956	1.55956	0.228703	1.27968	1.27968	0.372881	1.19353	1.19353	0.775238	1.05748	1.05748	0.182006	1.31846	1.31846	0.0821429	1.66823	1.4564	0.523718	1.13516	1.13516	1.76376	1.0645	0.53648	1
cg13152501	SMURF1;SMURF1	0.21805	0.626261	1.20585	1.20585	0.635099	1.20002	1.20002	0.912163	1.04298	1.04298	0.685831	1.16779	1.16779	0.563854	1.24924	1.24924	0.366867	1.24213	1.24213	0.0603906	1.9296	1.92726	0.129228	1.86873	1.86873	0.63595	1.19946	1.19946	1.76375	4.06358	2.04795	1
cg14558471	ING1;ING1;ING1	0.218054	0.750765	1.15738	1.15738	0.464678	0.829001	-1.20607	0.0437403	0.778778	0.820564	0.029773	0.930431	1.23174	0.0798448	1.3333	1.3333	0.870564	1.02789	1.02789	0.741887	1.13033	1.13033	0.0422996	1.76681	1.76681	0.0442094	1.71709	1.71709	0.142096	2.06243	0.92654	1
cg23376467	ZNF474	0.218059	0.378433	1.14761	1.14761	0.0735952	0.737931	-1.35514	0.0736889	0.73802	-1.35498	0.881081	1.02307	1.02307	0.820079	1.03532	1.03532	0.350529	1.15766	1.15766	0.118291	1.29483	1.29483	0.382534	0.872455	-1.14619	0.821936	0.966239	-1.03494	1.76371	0.648446	0.326809	1
cg25722983	TTK49	0.218062	0.184025	0.486111	-2.05714	0.180684	2.06095	2.06095	0.757884	1.17147	1.17147	0.588947	0.75636	-1.32212	0.298725	0.576201	-1.73551	0.452041	0.675602	-1.48016	0.0235948	0.250675	-3.98924	0.787955	1.14796	1.14796	0.205132	0.504465	-1.9823	1.7637	7.31785	3.68813	1
cg02278307	ZNF313	0.218063	0.648183	1.08498	1.08498	0.282827	0.807095	-1.23919	0.574305	0.916559	-1.09128	0.142487	1.10159	1.10159	0.563186	0.884984	-1.12976	0.884984	1.01756	1.01756	0.907203	0.978803	-1.02166	0.877527	1.02063	-1.02063	0.7327	0.995585	0.995585	1.76369	0.193972	0.109983	1
cg24154336	MIR192;MIR194-2	0.218066	0.457769	0.443621	-2.25418	0.80101	1.31189	1.31189	0.651769	0.61364	-1.62962	0.495295	0.475069	-2.10496	0.0346777	0.070868	-14.1107	0.150395	0.190706	-5.24367	0.0343491	0.0704179	-14.2009	0.197768	0.231462	-4.32036	0.139787	0.18125	-5.51725	0.37668	32.2749	16.2664	1
cg16777493	ATP2C2	0.218067	0.472278	0.839212	-1.1913	0.0127122	1.21379	1.21379	0.097761	1.2631	1.2631	0.0818324	1.2631	1.2631	0.0818324	1.2631	1.2631	0.954181	0.982867	-1.01743	0.815926	0.936982	-1.06721	0.708138	0.923567	-1.08306	0.68652	0.858066	-1.16521	0.837368	2.52661	1.2234	1
cg10825876	PLA2R1;PLA2R1	0.218071	0.125805	0.55826	1.55826	0.257128	1.7037	1.7037	0.144362	1.34567	1.34567	0.0764554	0.950545	1.05168	0.095648	1.05168	1.05168	0.750564	0.589361	-1.69675	0.176408	0.83826	1.03526	0.555794	1.96437	0.36437	0.0883339	1.22585	1.22585	1.76366	1.76342	0.776964	0.38493	1
cg19671717	EBAG9;EBAG9	0.218075	0.408613	0.845117	-1.18327	2.01028	1.30064	1.30064	0.716579	0.929981	-1.07529	0.0226738	1.72152	1.72152	0.609605	0.902541	-1.10798	0.273555	0.797026	-1.25466	0.346954	0.824623	-1.21267	0.403093	1.18574	1.18574	0.584413	1.11492	1.11492	1.76364	1.10733	0.5581	1
cg22266072	ME1;ME1;ME1	0.218077	0.501461	1.99454	1.99454	0.0106827	0.905048	1.10504	1.10504	0.0497699	1.55956	1.55956	0.228703	1.27968	1.27968	0.372881	1.19353	1.19353	0.815623	1.15053	1.15053	0.0656351	1.273304	1.273304	0.562734	-1.77705	0.168123	0.414048	-2.41518	1.76364	1.0645	0.53648	1
cg09512004	LOC154822	0.218077	0.0574335	1.46418	-6.82974	0.27704	2.74765	2.74765	0.378603	2.24257	2.24257	0.691573	1.42833	1.42833	0.0401469	1.20018	1.83207	0.714485	1.38888	1.38888	0.623616	1.55613	1.55613	0.397009	0.460522	-2.17145	0.722836	0.727323	-1.3749	1.76364	2.12366	11.2528	1
cg21579710	AUTS2;AUTS2;AUTS2	0.218083	0.116282	0.401423	-2.49133	0.218361	0.646308	1.55705	0.0607168	0.18023	-5.54651	0.0615661	0.14341	-6.96355	0.0631624	0.2818355	-3.54818	0.0926214	0.38304	-2.61003	0.0242144	0.0806199	1.94806	0.0172911	0.360501	-2.77444	0.0606339	0.0971	0.0971	1.76363	0.971	0.549449	1
cg16563819	MED8;C1orf84;MED8	0.218085	0.680973	1.963455	-1.03793	0.6114	0.954905	-1.04722	0.115629	1.16652	1.16652	0.984284	1.00178	1.00178	0.886003	1.013	1.013	0.0221676	0.781158	1.28015	0.80661	0.978154	-1.02233	0.273466	0.902456	-1.10809	0.259582	1.11173	1.11173	1.7636	0.226535	0.114178	1
cg18794976	GABRB2;GABRB2	0.218086	0.361364	0.568971	-1.75756	0.0467316	0.25448	-3.92962	0.0157722	0.168995	-5.91735	0.993945	1.00457	1.00457	0.517797	0.674297	-1.48303	0.391487	0.589974	-1.69499	0.232859	0.471485	-2.12096	0.784106	1.17946	1.17946	0.951118	0.963825	-1.03753	0.76359	0.10895	0.58531	1
cg09528880	IL17A	0.218086	0.597869	1.67248	1.67248	0.0944607	0.107247	-1.36417	0.0090446	0.31099	-3.21499	0.0499661	0.188274	5.31383	0.0178338	0.0536494	18.6455	0.30449	0.875597	-1.14226	0.44990	0.752209	1.32582	0.0434341	0.667459	-1.49822	0.0919595	1.16488	1.16488	1.76359	0.845373	0.420086	1
cg27121462	FANCA;FANCA	0.218092	0.596474	0.825988	-1.21067	0.85176	0.935262	-1.06922	0.697039	0.869382	-1.15024	0.0373413	0.421258	-2.37384	0.223405	1.58038	1.58038	0.30449	0.957963	-1.04388	0.8810368	0.500534	-1.99786	0.931429	1.03127	1.03127	0.17059	1.68553	1.68553	1.76357	3.57509	1.80194	1
cg22621983	ASAP1	0.218092	0.166163	0.6	-1.66667	0.0128238	0.18404	1.84804	0.688005	0.31285	-3.19642	0.0468116	0.212385	4.70888	0.0158353	0.273157	3.66128	0.84493	1.00276	1.00276	0.0162614	0.0776137	12.8828	0.0176705	0.344403	-2.90571	0.163567	0.138296	0.77178	-1.29571	0.57419	0.36157	1
cg18495563	TPC11L;TPC11L	0.218096	0.0898261	0.530626	-1.88457	0.833947	0.929106	-1.0763	0.639503	0.847687	-1.17968	0.763523	1.1106	1.1106	0.0212067	0.378937	2.63896	0.662341	0.857348	-1.16639	0.0612933	0.299102	1.44637	0.0731471	1.12824	1.12824	0.76555	1.42685	1.42685	1.76355	1.72725	1	
cg26201579	MTO1;MTO1;MTO1	0.218096	0.565304	1.10333	1.10333	0.362975	0.853698	-1.17137	0.511274	0.893406	-1.11931	0.0983164	1.35898	1.35898	0.219404	1.2442	1.2442	0.0614366	1.42829	1.42829	0.603968	0.915276	-1.09257	0.242738	0.813165	-1.22976	0.400712	0.864568	-1.15665	1.76355	0.799428	0.402939	1
cg18209077	KIAA0182;KIAA0182	0.218097	0.352186	1.47409	1.47409	0.0237318	1.2536	1.2536	0.0146456	1.36926	1.36926	0.0178756	1.24185	1.24185	0.0168535	1.23757	1.23757	0.619447	1.28115	1.28115	0.244477	1.26525	1.26525	0.0776357	1.34503	1.34503	0.0216577	1.77726	1.77726	1.76355	0.707916	0.358167	1
cg18767161	KIF25;KIF25	0.218099	0.834333	1.10068	1.10068	0.186784	0.526771	-1.89836	0.165385	0.507772	-1.96939	0.635061	0.803322	-1.24481	0.0261468	0.298594	-3.34903	0.139128	0.482314	-2.07134	0.295485	0.6084	-1.64366	0.840306	1.09682	1.09682	0.0677462	1.391693	1.391693	2.55302	1.76354	5.85996	2.95364	1
cg23141096	TM5SF3	0.2193	0.418053	0.845117	-1.18327	0.21408	1.24563	1.24563	0.0464564	1.37426	1.37426	0.0411734	1.29082	1.29082	0.125173	1.29082	1.29082	0.0614366	1.42829	1.42829	0.603968	0.915276	-1.09257	0.242738	0.813165	-1.22976	0.400712	0.864568	-1.15665	1.76355	0.799428	0.402939	1
cg16607615	ZNF653	0.218107	0.311077	0.732566	-1.36506	0.908277	0.966356	-1.03482	0.142436	0.626135	-1.5971	0.907223	1.01135	1.01135	0.0270501	0.459678	-2.17544	0.61948	0.923397	-1.08296	0.0909775	1.34503	1.34503	0.0776357	1.04748	1.04748	0.141109	0.777261	0.777261	1.76353	0.709896	0.353684	1
cg18767161	KIF25;KIF25	0.218099	0.83433

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
2317371	DHRS4L1	0.2184	0.701286	0.938676	-1.68852	0.0202091	1.95226	1.85226	0.406203	0.829433	-1.20564	0.340748	0.809094	-1.25995	0.824987	0.953426	-1.04995	0.749337	1.0731	1.0731	0.0833769	0.655854	-1.52473	0.801883	0.946171	-1.05688	0.869448	0.964445	-1.01687	1.76223	1.35186	0.681896	1
1676826	C14orf101	0.218404	0.889282	0.977399	-1.02312	0.7493	0.948742	-1.05403	0.0268249	0.650227	-1.53792	0.394423	0.849269	-1.17748	0.0768355	0.7240919	-1.38118	0.0693937	0.708233	-1.41196	0.5148651	0.778901	-1.28386	0.512556	0.896731	-1.11516	0.824762	1.03707	1.03707	1.76221	0.751725	0.379183	1
1430911	OIZ4	0.218409	0.371759	0.730454	-1.36901	0.635665	1.17757	1.17757	0.750389	1.11551	1.11551	0.863987	1.06048	1.06048	0.0519126	2.13297	2.13297	0.0966395	0.535435	-1.86764	0.905451	1.04154	1.04154	0.387652	1.35427	1.35427	0.0779995	1.95564	1.95564	1.76219	3.27381	1.65139	1
2310850	HOMER3	0.218415	0.420883	1.27226	1.27226	0.0943292	0.583586	-1.71354	0.0285776	0.469138	-2.10366	0.673035	1.13234	1.13234	0.607345	1.16381	1.16381	0.739811	1.10252	1.10252	0.790597	1.08105	1.08105	0.608607	1.6431	0.84396	0.943925	-1.05941	1.76216	2.39324	1.20722	1
2507575	TFAM;TFAM	0.218419	0.578543	1.10023	1.10023	0.795568	0.956767	-1.04519	0.988992	0.907687	-1.00214	0.00633057	0.546507	-1.83144	0.95653	1.00931	1.00931	0.890268	0.978041	-1.02245	0.610884	0.936383	-1.09125	0.510036	1.12047	1.12047	0.739282	1.0585	1.0585	1.76214	0.808632	0.407904	1
4885562	CNST;CNST	0.218421	0.051143	0.574431	-1.74085	0.828725	0.947359	-1.05557	0.550721	0.860121	-1.16263	0.21149	0.719661	-1.38896	0.723157	0.915047	-1.09284	0.945303	0.98302	-1.01727	0.0324805	1.8679	1.8679	0.645868	0.890932	-1.12242	0.568975	0.866162	-1.15452	1.76213	1.73873	0.877084	1
5442477	OLIG1;OLIG1	0.218422	0.965994	1.07909	1.07909	0.5198688	0.212361	-1.98996	0.312751	0.347319	-2.87919	0.387852	1.75015	1.75015	0.459189	0.620885	-1.61061	0.75175	1.22225	1.22225	0.3864911	0.570414	-1.75311	0.499503	0.807188	-1.64639	0.143133	0.70504	0.70504	1.76213	11.161	5.63006	1
4636510	KIAA1429;KIAA1429	0.218429	0.923967	0.984472	-1.02679	0.794214	1.37602	1.37602	0.296091	1.54937	1.19437	0.98071	1.00397	1.00397	0.729635	0.944709	-1.05853	0.293873	0.836529	-1.19542	0.102012	0.745713	-1.341	0.147026	0.794818	-1.25063	0.238774	1.22418	1.22418	1.7621	0.7500057	0.378365	1
3542533	SLC22A4	0.218434	0.900752	0.991243	-1.00883	0.809807	0.983146	-1.01714	0.523731	0.955469	-1.04661	0.530389	0.956183	-1.04583	0.942214	1.00512	1.00512	0.426306	0.944343	-1.05804	0.341577	1.07153	1.07153	0.0128596	1.2431	1.2431	0.263273	0.921073	-1.08569	1.76208	0.138694	0.069965	1
4481629	NTM;NTM;NTM;NTM	0.218437	0.890553	1.11402	1.11402	0.454515	1.34	1.34	0.737516	1.14033	1.14033	0.543731	1.43731	1.43731	0.708389	1.22052	1.22052	0.669475	1.20042	1.20042	0.5916705	0.516527	1.67506	0.0127906	0.0283956	0.375153	2.6972	0.0170217	1.93842	1.93842	1.76207	17.555	8.65926	1
10079000	ZNF830;CCT6B	0.218446	0.996061	0.996254	-1.00376	0.2077025	2.7327	2.7327	0.11394	3.6966	3.6966	0.0145	1.00572	1.00572	0.919398	0.925934	-1.07990	0.296998	0.939544	-2.27509	0.973383	0.975369	-1.02525	0.133093	0.291725	-3.42789	0.901186	1.09904	1.09904	1.76202	16.1297	8.13695	1
1637735	WDR27	0.218448	0.165111	1.62967	1.62697	0.208879	0.649059	-1.55287	0.497194	0.750635	-1.25734	0.801513	1.04199	1.04199	0.0242528	2.43537	2.43537	0.405	1.40915	1.40915	0.794291	0.910847	-1.09069	0.250783	0.671207	-1.48985	0.7002	3.08026	1.55391	1
10805004	ST68	0.218455	0.663856	1.19617	1.19617	0.280497	0.631587	-1.58331	0.414581	0.705615	-1.40723	0.968462	0.983935	1.01633	0.681554	0.844499	-1.18413	0.0501642	0.400631	-2.49606	0.186413	0.563394	-1.77496	0.946449	0.972886	-1.0279	0.0183923	0.309839	-3.22749	1.76201	0.682577	2.36224	1
10836933	ALDH16A1;ALDH16A1	0.218452	0.931028	1.04153	1.04153	0.754762	1.15868	1.15868	0.159554	0.499548	1.15868	0.0268	0.587975	0.773292	-1.29317	0.10335	0.43286	-2.31022	0.873875	0.928054	-1.07752	0.012171	0.230252	-4.34306	0.744609	1.16606	1.16606	0.925561	0.957028	-1.0449	1.762	6.1648	3.11	1
6219416	OTUD4;OTUD4;OTUD4	0.218463	0.534709	1.10941	1.10941	0.338366	0.849614	-1.17701	0.394377	0.865976	-1.15477	0.57398	0.910461	-1.18035	0.0132307	1.66044	1.66044	0.766976	0.833866	-1.20011	0.0139408	0.479951	-1.12589	0.372666	0.859731	-1.16315	0.705819	0.9392098	-1.06463	0.835779	0.966304	-1.03487	1.762	0.7606976	0.383896	1
15337897	FGF3	0.218455	0.862325	1.20671	1.20671	0.0219184	0.0509705	-19.6192	0.174975	0.20979	-4.76668	0.647415	1.64624	1.64624	0.465834	0.447797	-2.23316	0.727518	1.46034	1.46034	0.349116	2.83896	2.83896	0.634861	1.67848	1.67848	0.207096	0.42185	4.22185	1.76199	32.7027	16.4979	1
2939808	RNF39;RNF39	0.218461	0.232632	0.357871	-2.79431	0.190612	3.11994	3.11994	0.0229028	0.107031	-9.34308	0.253299	0.375498	-2.66513	7	7	7	0.319302	0.42458	-2.35527	0.775497	0.790773	-1.26459	0.785963	0.790741	-1.25494	0.806666	1.12421	1.12421	1.76067	16.7918	9.4887	1
2021180	MAGI1;MAGI1;MAGI1	0.218472	0.366351	1.42891	1.42891	0.0188615	2.08648	2.08648	0.179258	1.73108	1.73108	0.251633	1.58514	1.58514	0.0926413	0.750206	-1.33297	0.979362	1.01	1.01	0.251288	0.633289	-1.57906	0.866604	1.0668	1.0668	0.8004603	0.907152	-1.10235	1.76191	4.12853	2.08286	1
13422257	CHST15	0.218475	0.177653	0.558894	-1.78925	0.985401	0.992597	-1.00746	0.59893	0.806109	-1.24053	0.992778	0.996331	-1.00368	0.0480674	0.399458	-2.50339	0.0565894	0.416245	-2.40243	0.0454578	0.4124004	-2.42481	0.20138	0.578131	-1.72971	0.20344	0.579735	-1.72493	1.7619	4.60242	2.32195	1
9457441	LMF1	0.218476	0.840013	1.04681	1.04681	0.707639	0.7135	1.07103	0.884387	1.42157	1.42157	0.767627	0.996456	-1.00351	0.956604	1.01006	1.01006	0.1386	1.34094	1.34094	0.964375	1.03821	1.03821	0.0178144	0.0225	1.34272	1.32672	0.26013	1.24127	1.76189	0.944817	0.476668	1
27017251	TOP3B	0.218477	0.395029	0.49601	-2.01609	0.401834	1.99499	1.99499	0.985049	0.985031	-1.0152	0.930165	1.0731	1.0731	0.577605	0.2035599	-1.91161	0.137419	0.275894	-3.62458	0.0344099	0.137333	-7.28158	0.614349	0.664346	-1.50524	0.122565	0.260077	-3.84501	1.76189	18.0786	9.12078	1
14567917	C10orf11	0.218478	0.108284	0.633156	-1.57904	0.458413	0.544507	-1.83632	0.0842722	0.2211	-4.52259	0.0911	0.3105515	-3.22035	0.0178	0.1009	-9.90416	-0.44234	0.0973858	-2.29652	0.0431816	0.153138	-6.6059	0.0152466	0.2925227	-3.41836	0.0925518	0.4	-2.5	1.76189	10.7405	5.3525	1
19691267	ACYP1;ACYP1	0.21848	0.453857	0.896021	-1.11605	0.239072	1.19413	1.19413	0.137141	0.794211	-1.25911	0.193614	0.820422	-1.21888	0.315209	0.861188	-1.16119	0.0456925	0.719158	-1.39051	0.257974	1.18514	1.18514	0.87631	1.02267	1.02267	0.769249	1.04324	1.04324	1.76188	0.577814	0.291514	1
4488241	ADRA2C	0.218481	0.1639186	0.580787	-1.7218	0.281205	0.746588	-1.33943	0.570712	0.861127	-1.16127	0.818895	1.06167	1.06167	0.0923627	0.568842	-1.75796	0.141492	1.51064	1.51064	0.608858	0.874008	-1.14415	0.297179	0.754265	-1.32579	0.581772	1.15622	1.15622	1.76188	1.8998	0.958476	1
11356547	ZFR	0.218483	0.969176	0.99948	-1.00052	0.938366	0.958418	-1.04359	0.120882	0.752209	-1.32992	0.276447	0.756447	-1.32197	0.2854661	0.829779	-1.20629	0.0755742	0.713704	-1.40134	0.128043	1.28043	1.28043	0.142892	1.30597	1.30597	0.3150071	1.17683	1.17683	1.76187	0.799641	0.401943	1
2726291	GP9	0.218484	0.687822	0.895525	-1.11666	0.509828	0.833063	-1.20039	0.629162	0.875592	-1.14208	0.241769	0.715541	-1.39754	0.16377	0.666339	-1.50074	0.147447	1.52902	1.52902	0.0935413	1.6551	1.6551	0.672924	0.890483	-1.12299	0.0936226	0.604283	-1.65485	1.76186	2.08245	1.05063	1
2729466	ABHD8	0.218488	0.850153	0.881284	-1.1343	0.679338	0.924665	-1.0818	0.665865	0.807032	-1.23906	0.13926	1.03096	1.03096	0.310173	1.23892	1.23892	0.196397	0.856882	1.16742	0.214649	0.4124743	2.42243	0.0476835	0.0908562	0.608386	-1.64358	0.176573	1.23703	0.952775	1.07184	1.07184	0.382859	0.91161	1
13896328	PTPRU;PTPRU;PTPRU	0.218489	0.0745085	1.13184	-1.58496	0.359575	0.38267	-2.61322	0.85356	1.20734	1.20734	0.289925	0.326256	-3.06058	0.0313734	0.132745	7.53536	0.191035	0.234707	-4.10128	0.0568784	0.111073	-9.0031	0.666096	0.122879	-8.13806	0.241372	0.286335	3.49241	1.76184	29.0165	14.6395	1
11849461	DNAH9	0.218494	0.152444	0.821755	-1.21691	0.765733	0.962452	-1.03901	0.86546	0.978515	-1.02196	0.28451	0.86728	-1.15303	0.685941	0.949265	-1.05345	0.0414589	0.739956	-1.35143	0.131928	1.23154	1.23154	0.905774	0.984948	-1.01528	0.197987	1.19037	1.19037	1.76182	0.457736	0.230941	1
10536000	SSBP3;SSBP3;SSBP3	0.218498	0.0589153	1.16821	1.16821	0.107639	0.0128382	-1.77716	0.0133443	0.142157	1.42157	0.0176767	0.996456	-1.00351	0.956604	1.01006	1.01006	0.1386	1.34094	1.34094	0.964375	1.03821	1.03821	0.0178144	0.0225	1.34272	1.32672	0.26013	1.24127	1.76183	0.944817	0.476668	1
12745379	PDE4DIP	0.218508	0.387836	1.30458	1.30458	0.747748	1.97387	1.97387	0.0764187	1.80781	1.80781	0.567573	0.844119	-1.18467	0.503959	0.83424	-1.1987	0.424666	1.27752	1.27752	0.0828165	1.78071	1.78071	0.490235	0.788918	-1.26756	0.714697	1.1166	1.1166	1.76176	2.51781	1.27035	1
10244437	SLC16A9;SLC16A9	0.218509	0.108284	0.633156	-1.57904	0.458413	0.544507	-1.83632	0.0842722	0.2211	-4.52259	0.0911	0.3105515	-3.22035	0.0178	0.1009	-9.90416	-0.44234	0.0973858	-2.29652	0.0431816	0.153138	-6.6059	0.0152466	0.2925227	-3.41836	0.0925518	0.4	-2.5	1.76176	10.7405	5.3525	1
11440375	DKFZP686I15217;DKFZP686I15217	0.218511	0.267264	0.594968	-1.68076	0.249171	-1.71796	1.71796	0.441916	1.42231	1.42231	0.526103	0.749303	-1.33457	0.121322	0.470169	2.1269	0.807191	1.11612	1.11612	0.866834	0.927372	-1.07832	0.0238448	0.297746	-3.35857	0.382589	0.668665	-1.49552	1.76175	1.6321	2.84167	1
18207950	C14orf106;C14orf106	0.218515	0.152467	1.21177	1.21177	0.0457963	1.33235	1.33235	0.285135	1.14928	1.14928	0.77423	1.03701	1.03701	0.28096	0.868974	-1.15078	0.629392	0.940879	-1.06284	0.393907	0.809355	-1.11582	0.280793	1.15084	1.15084	0.130896	1.22681	1.22681	1.76174	0.438238	0.221114	1
10142672	ZFR	0.218523	0.157942	1.46185	1.46185	0.64186	1.12503	1.12503	0.686704	1.10736	1.10736	0.404702	0.806998	-1.23916	0.271029	1.3402	1.3402	0.212697	0.718848	-1.39112	0.0525322	1.74095	1.74095	0.112615	1.50042	1.50042	0.194882	1.4118	1.4118	1.76174	1.76503	0.89055	1
19397765	TRIM26	0.218513	0.313805	0.835405	-1.19702	0.268982	1.21987	1.21987	0.0412095	0.665928	-1.50166	0.809711	0.959209	-1.04253	0.103444	1.35995	1.35995	0.244218	1.23407	1.23407	0.813116	1.04173	1.04173	0.804329	0.958053	-1.04378	0.407701	1.15743	1.15743	1.76173	0.831535	0.419554	1
18385440	AP4B2;AP4B2	0.218519	0.466958	0.83616	-1.19566	0.047184	0.0738	2.00938	0.851705	0.8788	1.0708	0.0776	1.0708	1.0708	0.909566	0.915372	-1.09242	0.0779315	0.740301	-1.3508	0.630364	1.59042	1.59042	0.0088386	1.23703	0.952775	1.07184	1.07184	1.76172	38.2859	19.3161	1
13896328	PTPRU;PTPRU;PTPRU	0.218489	0.0745085	1.13184	-1.58496	0.359575	0.38267	-2.61322	0.85356	1.20734	1.20734	0.289925	0.326256	-3.06058	0.0313734	0.132745	7.53536	0.191035	0.234707	-4.10128	0.0568784	0.111073	-9.0031	0.666096	0.122879	-8.13806	0.241372	0.286335	3.49241	1.76184	29.0165	14.6395	1
11849461	DNAH9	0.218494	0.152444	0.821755	-1.21691	0.765733	0.962452	-1.03901	0.86546	0.978515	-1.02196	0.28451	0.86728	-1.15303	0.685941	0.949265	-1.05345	0.0414589	0.739956	-1.35143	0.131928	1.23154	1.23154	0.905774	0.984948	-1.01528	0.197987	1.19037	1.19037	1.76182	0.457736	0.230941	1
10536000	SSBP3;SSBP3;SSBP3	0.218498	0.0589153	1.16821	1.16821	0.107639	0.0128382	-1.77716	0.0133443	0.142157	1.42157	0.0176767	0.996456	-1.00351	0.956604	1.01006	1.01006	0.1386	1.34094	1.34094	0.964375	1.03821	1.03821	0.0178144	0.0225	1.34272	1.32672	0.26013	1.24127	1.76183	0.944817	0.476668	1
14745379	PDE4DIP	0.218508	0.387836	1.30458	1.30458	0.747748	1.97387	1.97387	0.0764187	1.80781	1.80781	0.567573	0.844119	-1.18467	0.503959	0.83424	-1.1987	0.424666	1.27752	1.27752	0.0828165	1.78071	1.78071	0.490235	0.788918	-1.26756	0.714697	1.1166	1.1166	1.76176	2.51781	1.27035	1
10244437	SLC16A9;SLC16A9	0.218509	0.108284	0.633156	-1.57904	0.458413	0.544507	-1.83632	0.0842722	0.2211	-4.52259	0.0911	0.3105515	-3.22035	0.0178	0.1009	-9.90416	-0.44234	0.0973858	-2.29652	0.0431816	0.153138	-6.6059	0.0152466	0.2925227	-3.41836	0.0925518	0.4	-2.5	1.76176	10.7405	5.3525	1
11440375	DKFZP686I15217;DKFZP686I15217	0.218511	0.267264	0.594968	-1.68076	0.249171	-1.71796	1.71796	0.441916	1.42231	1.42231	0.526103	0.749303	-1.33457	0.121322	0.470169	2.1269	0.807191	1.11612	1.11612	0.866834	0.927372	-1.07832	0.0238448	0.297746	-3.35857	0.382589	0.668665	-1.49552	1.76175	1.6321	2.84167	1
18207950	C14orf106;C14orf106	0.218515	0.152467	1.21177	1.21177	0.0457963	1.33235	1.33235	0.285135	1.14928	1.14928	0.77423	1.03701	1.03701	0.28096	0.868974	-1.15078	0.629392	0.940879	-1.06284	0.393907	0.809355	-1.11582	0.280793	1.15084	1.15084	0.130896	1.22681	1.22681	1.76174	0.438238	0.221114	1
10142672	ZFR	0.218523	0.157942	1.46185	1.46185	0.64186	1.12503	1.12503	0.686704	1.10736	1.10736	0.404702	0.806998	-1.23916	0.271029	1.3402	1.3402	0.212697	0.718848	-1.39112	0.0525322	1.74095	1.74095	0.112615	1.50042	1.50042	0.194882	1.4118	1.4118	1.76174	1.76503	0.89055	1
19397765	TRIM26	0.218513	0.313805	0.835405	-1.19702	0.268982	1.21987	1.21987	0.0412095	0.665928	-1.50166	0.809711	0.959209	-1.04253	0.103444	1.35995	1.35995	0.244218	1.23407	1.23407	0.813116	1.04173	1.04173	0.804329	0.958053	-1.04378	0.407701	1.15743	1.15743	1.76173	0.831535	0.419554	1
18385440	AP4B2;AP4B2	0.218519	0.466958	0.83616	-1.19566	0.047184	0.0738	2.00938	0.851705	0.8788	1.0708	0.0776	1.0708	1.0708	0.909566	0.915372	-1.09242	0.0779315	0.740301	-1.3508	0.630364	1.59042	1.59042	0.0088386	1.23703	0.952775	1.07184	1.07184	1.76172	38.2859	19.3161	1
10315275	PPHA3	0.218516	0.651688	1.08885	1.08885	0.744391	1.0632	1.0632	0.481338	0.87453	-1.14347	0.579182	0.900385	-1.11064	0.0117044	0.554321	-1.80401	0.948395	-1.0122	-1.0122	0.462719	1.14863	1.14863	0.394943	0.849419	-1.17728	0.134107	0.738881	1.35334	1.76172	0.978989	0.493955	1
20041366	FAM19A2;FAM19A2 PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPL	0.218519	0.384101	0.585543	-1.70782	0.150169	2.52208	2.52208	0.160969	2.45462	2.45462	0.074327	0.303614	-3.29565	0.313429	0.535111	-1.86877	0.127103	0.371752	-2.68996	0.659088	1.30508	1.30508	0.835621	0.882842	-1.13271	0.492756	0.658502	-1.5186	1.76171	10.0354	5.06347	1
20340921	A6	0.21852	0.436765	0.885989	-1.12411	0.316241	1.1655	1.1655	0.964841	1.00652	1.00652	0.50406	0.90485	-1.10516	0.11366	0.775815	-1.28897	0.0971781	0.764555	-1.30795	0.0231826	0.670129	-1.49225	0.343591	0.865989	-1.15475	0.486845	0.903056	-1.10981	1.76171	0.606817	0.306176	1
24906495	C2orf62	0.218527	0.047628	1.07865	1.07865	0.0478407	0.0218	2.14583	0.0453402	0.21857	-4.73924	0.0488	0.24884	-4.18814	0.70204	0.0001	-14.5397	0.0265568	0.134821	-7.41723	0.0506	0.15716	0.15716	0.0001	0.128148	1.28143	0.606447	0.148576	0.484578	1.76168	16.197	8.1725	1
20341334	ZDHHC14;ZDHHC14	0.218527	0.64694	0.803907	-1.24393	0.0356722	0.18094	1.18094	0.501558	1.38105	1.38105	0.135254	2.1427	2.1427	0.112211	0.4410271	-2.26721	0.326233	1.61567	1.61567	0.909221	1.01547	1.01547	0.27735	1.70697	1.70697	0.852571	0.915712	-1.09205	1.76167	2.25045	3.1538	1
22156867	C2orf129	0.21853	0.35102	0.812092	-1.23139	0.0387101	1.68257	1.68257	0.174605	1.36769	1.36769	0.882989	1.03245	1.03245	0.846492	0.958842	-1.04293	0.914265	0.976918	-1.02363	0.103727	0.679893	-1.47082	0.99885	0.999687	-1.00031	0.217294	1.32508	1.32508	1.76166	1.31196	0.661981	1
19382714	OG;MOG;MOG	0.218533	0.336905	0.516791	-1.93502	0.0122442	0.124851	-8.00955	0.172423	0.379746	-2.63334	0.942124	0.938533	-1.06549	0.218279	0.421728	-2.37119	0.305673	0.493046	-2.02821	0.287583	0.478949	-2.08791	0.146015	0.353261	-2.83077	0.762546	1.22389	1.22389	1.76165	12.4024	6.25799	1
25427534	LOC399744	0.218534	0.531152	0.76543	-1.30653	0.526632	0.509341	-1.96545	0.0663788	0.459138	-2.22159	0.914424	1.04203	1.04203	0.0832254	0.479761	-2.08437	0.0545447	0.434567	-2.30615	0.0878751	0.3922563	-1.10832	0.0974271	0.104671	1.01671	0.111172	0.515096	-1.94139	1.76164	4.09233	2.06491	1
13047989	PCNP	0.218535	0.81022	1.03443	1.03443	0.550084	1.17233	1.17233	0.0800111	0.4715596	-2.12046	0.854877	1.04941	1.04941	0.330524	1.30279	1.30279	0.345925	1.29137	1.29137	0.166379	0.670719	-1.49094	0.992677	0.997585	-1.00242	0.368576	0.78405	-1.27543	1.76164	1.93617	0.976956	1
22843277	TIAM2;TIAM2	0.218539	0.155325	0.430934	-2.32054	0.380756	3.78558	3.78558	0.418922	1.57609	1.57609	0.471026	1.5007	1.5007	0.127465	0.401549	-2.49035	0.754691	1.18949	1.18949	0.715596	0.816625	-1.22455	0.311242	1.78602	1.78602	0.551694	1.39567	1.39567	1.76162	8.55089	4.31465	1
19840456	CCDC155	0.218542	0.0422757	1.08204	1.08204	0.0350613	0.13872	-7.20979	0.0859	0.185497	-5.38859	0.0158407	0.0407769	-4.53446	0.288757	0.574252	-1.7414	0.0439653	0.0973558	-3.74473	0.0179	0.16477	-6.06473	-1.2179	0.26497	-3.77525	0.0155166	0.336403	-2.97225	0.0434841	1.76162	2.94	1.51158	0.723823	1
20646728	PRKCZ;PRKCZ;PRKCZ	0.218541	0.779339	0.925749	-1.08021	0.0369063	1.94591	1.94591	0.644286	0.880111	-1.13622	0.363134	0.77367	-1.29254	0.224929	0.704613	-1.41922	0.565402	1.17306	1.17306	0.243441	1.39828	1.39828	0.737623	0.911785	-1.09675	0.102092	0.630047	-1.58718	1.76161	2.10497	1.06215	1
27599144	FBXL19;ORAI3	0.218545	0.279807	1.11267	1.11267	0.621156	0.827158	-1.20896	0.296706	1.51002	1.51002	0.311998	1.48944	1.48944	0.23577	0.639255	-1.57467	0.0600205	0.445685	-2.24374	0.0537482	0.440542	-2.26993	0.20196	0.658301	-1.51795	0.750135	1.12942	1.12942	1.76161	4.08452	2.04264	1
20532550	C14orf2;C14orf2;C14orf2	0.218546	0.226084	1.19782	1.19782	0.103418	1.28779	1.28779	0.78715	1.03918	1.03918	0.552074	0.934117	-1.08919	0.253551	1.03945	1.03945	0.0514105	1.03018	1.03018	0.534968	1.09335	1.09335	0.825624	0.960152	-1.03183	0.0398483	1.40131	1.40131	1.7616	0.562631	0.283899	1
ch.20.39651659	DTD1	0.218545	0.0545711	0.353988	-2.82495	0.173409	0.501681	-1.9933	0.031051	0.299563	-3.3382	0.288702	0.591854	-1.6896	0.6622924	0.368128	-2.71645	0.484111	0.712754	-1.40301	0.207164	0.530745	-1.88415	0.291225	0.593599	-1.68464	0.816432	0.895177	-1.1171	1.7616	6.32701	3.19256	1
16157792	HS03B1	0.218547	0.543269	0.844468	-1.18421	0.407231	0.739369	-1.35239	0.178182	0.585685	-1.7074	0.166019	0.706596	-1.41524	0.0976108	0.758082	-1.31887	0.50245	0.784001	-1.27524	0.189603	0.508355	-1.96715	0.0301515	0.502009	-1.99203	0.0710814	0.532933	-1.87589	0.452557	1.76159	1.39139	0.96864	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	Fold-Change(2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5638 vs. N)	Fold-Change(5638 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
1a07740273	FEM1B	0.218881	0.560073	0.944437	-1.05881	0.144819	1.16831	1.16831	0.30579	1.51082	1.13082	0.687034	0.960567	-1.04105	0.0218649	1.31426	1.31426	0.779721	1.02581	1.02581	0.206946	0.87616	-1.14134	0.327189	1.10569	1.10569	0.841959	1.02003	1.02003	1.76035	0.275092	0.138808	1
gi25934375	SYNPR,SYNPR	0.218836	0.85213	0.95318	-1.04912	0.260314	1.25128	1.35218	0.0408208	0.559566	-1.7871	0.0698705	0.593989	-1.68353	0.168697	0.685998	-1.45773	0.531285	1.17699	1.17699	0.508893	0.845805	-1.18231	0.412086	0.806129	-1.2405	1.76033	1.84107	0.929659	1
gi27286957	LEMD2,LEMD2	0.218838	0.497894	0.848364	-1.17874	0.2234972	1.90908	1.90908	0.756752	1.07708	1.07708	0.283054	0.766018	-1.30545	0.105462	1.52605	1.52605	0.423112	0.822404	-1.21595	0.434728	1.20081	1.20081	0.736862	0.08393	1.08393	0.678577	0.905211	-1.10471	1.76032	1.59218	0.803985	1
gi13480579	C1orf21	0.218843	0.234769	1.47884	1.47884	0.316549	1.38447	1.38447	0.64604	1.15637	1.15637	0.818651	1.07482	1.07482	0.267702	1.41784	1.41784	0.233426	1.48064	1.48064	0.0215472	0.420151	-2.3803	0.561424	1.20259	1.20259	0.685079	0.879771	-1.11666	1.7603	2.75184	1.38959	1
gi25361844	SIPA1	0.218848	0.75442	0.888231	-1.12583	0.0368711	2.49842	2.49842	0.390087	1.39465	1.39465	0.350519	0.695629	-1.43755	0.708087	0.867564	-1.15265	0.94546	0.974491	-1.02618	0.144113	0.552844	-1.80883	0.417896	1.36707	1.36707	0.123912	1.87637	1.87637	1.76028	3.97718	2.00836	1
gi20999146	CDL2OA1	0.218852	0.181081	0.589274	-1.6977	0.291222	0.664607	-1.50465	0.0490428	0.43247	-2.3123	0.594934	0.818577	-1.22653	0.0761801	0.47901	-2.08764	0.493288	1.29633	1.29633	0.15187	0.564007	-1.77303	0.0848242	0.491177	-2.03593	0.24197	0.633275	-1.57909	1.76026	3.87952	1.95907	1
gi09247696	HTRA2,HTRA2,AUP1	0.218854	0.727293	0.898401	-1.11309	0.3628093	1.33132	1.33132	0.34832	1.34378	1.34378	0.0516994	0.50782	-1.9692	0.85537	0.945695	-1.05742	0.270939	0.707535	-1.41336	0.446076	1.26831	1.26831	0.372847	1.32309	1.32309	0.0737846	1.84027	1.84027	1.76025	2.61081	1.3184	1
gi04434455	C1orf144,C1orf144	0.218858	0.0318322	0.417057	-2.39776	0.283505	0.90739	-1.10158	0.154257	1.13454	1.13454	0.145312	1.72221	1.72221	0.631747	0.837992	-1.1939	0.742377	0.891626	-1.12155	0.145473	0.748761	-1.33553	0.446435	1.30966	1.30966	0.0960307	0.529723	-1.88778	1.76023	3.36872	1.70115	1
gi25970230	PDIA4P2	0.218859	0.694383	1.02815	1.02815	0.264453	0.921474	-1.08522	0.128438	0.880485	-1.12248	0.398235	1.0627	1.0627	0.550425	1.00434	1.00434	0.400026	1.06244	1.06244	0.0812404	0.872928	-1.14557	0.0476169	0.852756	-1.17267	0.471456	0.9498	-1.05285	1.76023	0.137819	0.0695968	1
gi16292333	MAPKAPK2,MAPKAPK2	0.218862	0.285273	0.583991	-1.71236	0.260192	0.565995	-1.7668	0.0331609	0.29913	-3.34303	0.672328	0.813692	-1.22897	0.139843	0.46307	-2.1595	0.801622	1.12976	1.12976	0.0385225	0.312961	-3.19529	0.191964	0.512026	-1.95303	0.952937	1.02902	1.02902	1.76022	6.54756	3.30644	1
gi18052274	LOC100126764,NAV2,NAV2,NAV2	0.218869	0.0613896	0.477053	-2.09577	0.2183	2.5261	2.5261	0.0477345	1.6501	1.6501	0.0105031	0.271326	3.68564	0.0127405	0.63063	-1.58603	0.429977	0.74842	-1.33575	0.204496	0.364441	-2.7414	0.315962	0.870636	-1.14895	0.0442305	0.604919	-1.65296	0.231318	0.432305	0.96219	15.5096	2.83231	1
gi02779037	RADIL	0.218871	0.622234	0.78733	-1.2848	0.374067	1.58476	1.58476	0.844234	1.10436	1.10436	0.0860467	0.383959	-2.60444	0.291164	0.576777	-1.73377	0.527427	0.723897	-1.38141	0.0801847	2.66317	2.66317	0.0975125	2.50312	2.50312	0.876376	0.924447	-1.08173	1.76018	7.09003	3.58501	1
gi23456409	TMEM177,TMEM177,TMEM177	0.218874	0.159248	0.343059	-2.91495	0.255325	0.429737	-2.32701	0.441516	0.572267	-1.74744	0.494863	0.610822	-1.63714	0.0503468	0.204641	-4.8866	0.202833	0.384375	-2.60163	0.0264294	0.155836	-6.50041	0.471742	0.59416	-1.68305	0.0765923	0.246392	-4.05857	1.76016	14.0999	7.12048	1
gi06699216	CSGALNACT1,CSGALNACT1,CSGALNAC	0.218875	0.381711	0.623488	-1.60388	0.222711	1.96351	1.96351	0.289504	1.06045	1.06045	-1.78414	0.988044	1.00792	1.00792	0.131194	0.423948	-2.35878	0.194213	0.48518	-2.06109	0.325985	1.7058	1.7058	0.504278	0.699892	-1.42879	0.0415337	0.290074	-3.44739	1.76016	7.72991	3.90364	1
gi05983617	TRIM27	0.218877	0.43056	0.846444	-1.18113	0.0833222	1.49115	1.49115	-1.09023	0.147979	0.725322	-1.3787	0.551447	1.11864	1.11864	0.0680955	1.52381	1.52381	0.267651	1.26989	1.26989	0.192621	1.32959	1.32959	0.674709	1.09127	1.09127	0.148355	1.70255	1.91552	0.602735	1
gi03414569	EHHADH,EHHADH,EHHADH	0.218886	0.0911929	0.335734	-2.97855	0.073104	0.309955	-3.2305	0.117867	0.369264	-2.70809	0.133291	0.386704	-2.58596	0.301483	0.533634	-1.87394	0.608238	1.35434	1.35434	0.0471845	0.263856	-3.78994	0.580393	0.720667	-1.3876	0.351974	0.570103	-1.75407	1.76011	9.59441	4.84536	1
gi19485105	ZNF366	0.218889	0.347233	0.839053	-1.19182	0.857323	1.03317	1.03317	0.162169	1.1121	1.1121	1.11121	0.231863	0.997285	-2.25426	0.115536	1.36363	1.36363	0.0499446	0.60529	-1.65206	0.389246	0.852167	-1.17348	0.974765	1.1796	1.1796	0.134124	1.19795	1.76009	0.916355	0.642377	1
gi09193918	NKX6-3	0.218894	0.171262	0.565587	-1.76902	0.0234848	2.15427	2.15427	0.637873	0.887891	-1.12643	0.597718	0.859831	-1.16302	0.233684	0.701811	-1.42488	0.515326	1.15452	1.15452	0.370949	0.770634	-1.29763	0.699057	0.895891	-1.11621	0.315304	0.744934	-1.3424	1.76008	2.49127	1.13226	1
gi13497301	RFP1,REP1,REP1,REEP1,REEP1,REP1,REEP	0.218895	0.0266435	0.752013	-1.32976	0.35938	1.10765	1.10765	0.425541	1.09229	1.09229	0.633443	1.05351	1.05351	0.485508	0.925992	-1.07992	0.362367	0.903418	-1.10691	0.118095	0.831854	-1.20213	0.332014	0.89711	-1.11469	0.537838	1.07002	1.07002	1.76007	0.3281	0.1657	1
gi16243546	PLEKHA8	0.218895	0.280689	1.14813	1.14813	0.221572	1.17149	1.17149	0.232329	1.16884	1.16884	0.578246	0.933154	-1.07163	0.436234	1.1028	1.1028	0.0539245	1.30939	1.30939	0.243145	1.16229	1.16229	0.0585532	1.30116	1.30116	0.0585404	1.30118	1.30118	1.76007	0.4230444	0.21365	1
gi23324824	FSCN1	0.218896	0.528741	0.897079	-1.44024	0.2234972	1.58373	1.58373	0.0107394	1.05422	1.05422	0.0494635	0.183179	1.61779	0.0134535	0.793522	1.26077	1.26077	0.0207217	1.07026	1.07026	0.0228317	1.46638	1.46638	0.0258308	1.46638	1.46638	0.0232362	1.46638	1.46638	1.76007	0.7874483	0.4042	1
gi10266121	PDLIM1	0.218903	0.712093	0.900344	-1.11069	0.146954	0.643507	-1.55398	0.723658	0.904349	-1.10577	0.865199	0.953019	-1.0493	0.620304	1.15193	1.15193	0.642626	1.1415	1.1415	0.847722	1.05595	1.05595	0.0194032	2.22662	2.22662	0.165846	1.6588022	1.51971	1.76004	2.23575	1.12914	1
gi15937266	DFFB	0.218908	0.392851	0.877068	-1.14016	0.332876	1.16147	1.16147	0.0692827	0.737459	-1.35601	0.158444	0.79778	-1.25348	0.108167	0.769013	-1.30037	0.922937	0.985605	-1.01461	0.241323	1.20085	1.20085	0.623729	0.928584	-1.07691	0.798583	-1.26649	1.76002	0.6259959	0.316138	1
gi12530035	KRT79	0.218909	0.779361	1.05848	1.05848	0.2234972	1.24115	1.24115	1.29045	0.934049	0.607036	-1.64735	0.515552	1.14123	1.14123	0.248551	1.27937	1.27937	0.119558	1.17937	1.17937	0.124655	1.17937	1.17937	0.755048	1.32442	0.887541	1.02005	1.02005	1.76001	1.14128	0.5764	1
gi19941270	PELI2	0.218909	0.291509	1.6621	1.6621	0.962462	1.02209	1.02209	0.16141	2.00216	2.00216	0.0938875	2.351613	2.351613	0.141188	2.08458	2.08458	0.0284639	3.321	3.321	0.916382	0.952417	-1.04996	0.640716	1.24382	1.24382	0.382712	0.659979	-1.5152	1.76001	6.00665	3.03364	1
gi04802293	TF,TF,TKT	0.218922	0.191982	0.615596	-1.91793	0.183284	0.497109	-2.01163	0.0419353	0.152393	-1.82068	0.0627233	0.553851	-1.80568	0.0627233	0.553851	-1.80568	0.871197	0.922813	-1.08364	0.143057	2.30916	2.30916	0.0474997	1.14904	1.14904	0.875955	1.14904	1.14904	1.76001	6.81994	3.45006	1
gi22261911	AGPAT1,AGPAT1,AGPAT1	0.218923	0.0397991	0.597494	-1.67366	0.46889	1.174	1.174	0.146707	1.40146	1.40146	0.876676	1.03422	1.03422	0.154242	0.75342	-1.32728	0.236373	0.764259	-1.30846	0.0170307	0.697675	-1.02283	0.513057	1.15458	1.15458	0.313076	1.25369	1.25369	1.75995	1.30874	0.660995	1
gi23584176	OR12D2	0.218927	0.0607853	0.224268	-4.45896	0.26317	0.438231	-2.2819	0.504661	0.639521	-1.61415	0.0537857	0.212529	-4.70525	0.114599	0.29711	-3.36575	0.47345	1.67474	1.67474	0.866692	0.887968	-1.12617	0.103326	0.283632	-3.52569	0.232971	0.412913	-2.42182	1.75993	13.942	7.04169	1
gi25195899	WSB1,WSB1	0.218928	0.934864	1.02125	1.02125	0.0944226	1.41475	1.41475	0.883936	1.03039	1.03039	-1.07488	0.8016	1.03039	1.03039	0.0931	1.03039	0.642084	1.26203	1.26203	0.0465195	0.746761	-1.33894	0.0961376	0.642084	1.26203	0.0465195	0.746761	-1.33894	0.0961376	1.75993	0.83784	0.345006	1
gi20111697	FAM41C	0.218929	0.0885655	0.498781	-2.00489	0.0392976	0.413587	-2.41787	0.171007	0.582933	-1.71546	0.996891	0.998558	-1.00134	0.0334204	0.516928	-1.9345	0.114003	0.529106	-1.88998	0.662889	0.852488	-1.17304	0.0964783	0.508819	-1.96534	0.295812	0.669402	-1.49387	1.75992	3.82074	1.92975	1
gi16008918	CNOT6L	0.218937	0.0889379	0.548866	-1.82206	0.264037	0.869105	1.0644	1.2848	1.0644	1.0644	0.0839169	0.435561	1.06644	1.06644	0.0674897	1.3216	1.3216	0.0962754	1.07394	1.07394	0.0501892	-1.6895	0.900093	0.409913	-2.43837	0.0502	1.11077	1.11077	1.26025	1.28626	1.28626	0.129911	1.75992	1.92348	0.6522093	1
gi13964084	C6orf134 FAM76A;FAM76A;FAM76A;FAM76A;FA	0.218938	0.0227101	1.39066	1.39068	0.717033	1.045	1.045	0.381602	0.897166	-1.11462	0.812128	1.02921	1.02921	0.817329	0.972409	-1.02837	0.72292	0.957864	-1.04399	0.991677	1.00126	1.00126	0.472209	0.915373	-1.09245	0.0525267	1.30548	1.30548	1.75989	0.4075578	0.205861	1
gi23166246	M76A	0.218946	0.986668	1.00423	1.00423	0.027307	0.636646	-1.57073	0.710768	1.09879	1.09879	0.94804	1.00165	1.00165	0.0196866	0.490382	-2.03923	0.836409	0.949049	-1.05369	0.194378	1.41515	1.41515	0.648425	1.12311	1.12311	0.440147	0.819454	-1.22032	1.75985	1.78298	0.900571	1
gi08720806	PKNOX2	0.218956	0.188993	0.401028	-2.49359	0.010058	0.118494	-8.43928	0.0802491	0.279663	-3.57573	0.587168	0.697708	-1.43326	0.224452	0.432635	-2.31142	0.47951	0.623766	-1.60317	0.311669	0.50296	-1.98823	0.405385	0.571807	-1.74884	0.608707	0.712468	-1.40357	1.75981	12.0161	6.06939	1
gi13996025	IQSEC2	0.218964	0.274433	0.59152	-1.69056	0.454408	0.81222	-1.23119	0.0133302	0.41893	-2.38693	0.944226	0.968212	-1.03283	0.38821	0.66476	-1.5043	0.28331	0.59768	-1.67314	0.688747	0.830347	-1.20432	0.836744	0.909129	-1.09995	0.505848	0.732206	-1.36574	1.75977	5.94169	3.00124	1
gi26247263	C6orf204,C6orf204,C6orf204,C6orf204 PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK	0.218965	0.805829	0.845393	-1.18288	0.869968	0.894289	-1.11821	0.948974	1.04461	1.04461	0.365789	1.88452	1.88452	0.00954964	1.10663	-9.3782	0.942494	1.05043	1.05043	0.191165	0.389136	-2.56979	0.516048	0.638217	-1.56687	0.30365	0.483571	-2.06795	1.75977	12.9618	6.54721	1
gi19235451	6;PCSK6;PCSK6	0.218967	0.115994	0.400981	-2.49389	0.0172653	0.211011	-4.71897	0.120754	0.406307	-2.46119	0.990706	0.960342	-1.0413	0.147737	0.435701	-2.29515	0.633904	0.77364	-1.29259	0.629657	0.771118	-1.29682	0.168636	0.456274	-2.19166	0.908838	1.06319	1.06319	1.75976	7.97525	4.02845	1
gi18907238	RNF128,RNF128	0.218973	0.518301	0.870242	-1.14882	0.488353	0.9024	-1.10808	0.683263	0.904006	-1.10593	0.842365	0.934311	-1.71142	0.0829372	0.58241	-1.71703	0.0998624	0.84887	-1.17792	0.0523315	0.998614	-1.00134	0.993603	0.998614	-1.00134	0.993603	0.998614	-1.00134	0.993603	1.75976	0.00061	0.00441	1
gi19609438	WS118;WS138	0.218972	0.671353	0.721899	-1.38524	0.663602	0.715944	-1.39676	0.135072	0.292282	-3.42135	0.344864	0.475743	-2.10197	0.0528029	0.186239	-5.36943	0.611816	1.47811	1.47811	0.0214026	0.12113	-8.25557	0.814618	1.19643	1.19643	0.422611	0.535036	-1.86903	1.75974	16.2486	8.20759	1
gi20725607	C5orf58;C5orf58	0.218973	0.451002	1.47229	1.47229	0.110431	2.40541	2.40541	0.177776	2.05977	2.05977	0.259519	1.38683	1.38683	0.111824	0.417401	2.39678	0.449173	1.07554	1.07554	0.292092	2.05357	2.05357	0.0499653	1.41304	1.41304	0.75974	1.26037	3.5045	1.75974	7.05037	3.58406	1
gi25873568	INF2,INF2,INF2	0.218975	0.194731	0.627726	-1.59358	0.0871259	1.7622	1.7622	0.0164707	1.25144	1.25144	0.603579	-1.24443	-2.31642	0.148657	0.450692	-2.22212	0.406511	1.29004	1.29004	0.425884	1.15877	1.15877	0.0515257	0.514592	-1.94329	0.0563123	1.01656	1.01656	1.75973	2.50607	1.26634	1
gi12909005	ZNRD1,ZNRD1;NCRNA00171	0.218977	0.530745	0.915391	-1.09243	0.200239	1.20728	1.20728	0.706123	1.05415	1.05415	0.888969	1.01784	1.01784	0.965316	0.993965	-1.00607	0.178621	0.822776	-1.2154	0.0275741	0.695777	-1.43724	0.671684	1.06115	1.06115	0.17226	1.22417	1.22417	1.75972	0.5401554	0.272849	1
gi20330023	ARNT2	0.218978	0.194884	1.15262	1.15262	0.644429	0.908377	-1.10086	0.853774	0.963078	-1.03834	0.818646	0.963063	-1.03834	0.820507	0.963514	-1.03814	0.178621	1.34376	1.34376	0.0387679	1.94178	1.94178	0.546757	1.11441	1.11441	0.668353	1.014793	1.01479	1.01479	1.75972	1.19161	0.601924	1
gi06598332	MIR152;CDP22	0.218981	0.155257	0.230422	-4.33987	0.117097	1.17053	1.17053	0.507543	1.05941	1.05941	1.91941	0.229435	3.37753	3.37753	0.208025	4.27771	3.60088	0.262316	0.323667	-3.08959	7	7	0.29828	2.83087	2.83087	0.476035	2.01264	2.01264	1.76735	23.1765	13.1137	1
gi20536683	TRPV4,TRPV4	0.218985	0.564316	0.815979	-1.45402	0.2234972	1.31773	1.31773	0.0815322	1.19408	1.19408	0.849849	1.15449	1.15449	0.0213568	0.122883	-8.13514	0.964956	1.03187	1.03187	0.402388	0.572271	-1.74742	0.185938	0.945953	-2.89559	0.671263	1.38216	1.38216	1.75969	16.0177	8.09115	1
gi18110590	MCF2L,MCF2L	0.218986	0.596016	1.51784	1.51784	0.0100511	12.6017	12.6017	0.0622321	4.25355	4.25355	0.8387	1.17229	1.17229	0.797348	1.38167	-1.22224	0.588456	1.653078	-1.13121	0.368653	2.05473	2.05473	0.807761	1.2094	1.2094	0.55415	1.59471	1.59471	1.75968	16.9522	8.61331	1
gi16585380	C16orf67	0.218989	0.863049	1.06194	1.06194	0.0456218	2.22063	2.22063	0.654954	1.16949	1.16949	0.275613	0.673826	-1.48406	0.195613	0.621009	-1.61028	0.11749	0.55328	-1.80725	0.442929	0.761624	-1.31298	0.297219	1.4567	1.4567	0.667378	1.860286	-1.1624	1.75966	3.37668	1.70572	1
gi19269956	PRR3,GNL1,PRR3;GNL1	0.218990	0.0145139	0.459	-2.17886	0.0455107	0.182262	1.52275	1.4575	0.53193	1.4575	0.533902	1.4575	0.533902	1.4575	0.533902	1.4575	0.0145139	1.2135	1.2135	0.0284331	1.3075	1.3075	0.647722	1.3356	1.3356	0.247244	1.29721	1.29721	1.75966	2.8328	1.62176	1
gi10487461	SMARCA2,SMARCA2	0.218991	0.395534	1.14347	1.14347	0.490012	0.89759	-1.11409	0.0342789	1.46306	1.46306	0.252041	0.831632	-1.20246	0.556264	1.09603	1.09603	0.33367	0.857577	-1.16608	0.150449	0.788607	-1.26806	0.71507	1.05812	1.05812	0.388008	1.14605	1.14605	1.75966	0.66165	0.334232	1
gi03775915	TRAF6,TRAF6	0.218994	0.795391	1.07981	1.07981	0.0784208	0.563227	-1.78181	0.598865	1.17022	1.17022	0.167563	0.646144	-1.54764	0.247076	0.699352	-1.4299	0.844817	1.25747	1.25747	0.0613273	0.777827	-1.28398	0.231737	0.690319	-1.44861	0.376964	2.43299	1.22903	1.75965	3.37668	1.70572	1
gi03197191	URP1	0.218996	0.744788	0.929754	-1.07555	0.356131	1.23542	1.23542	0.558727	1.14095	1.14095	0.234063	0.677127	1.14095	1.14095	0.234063	0.677127	0.34114	1.2445	1.2445	0.0260887	1.80169	1.80169	0.209226	0.783757	-1.27591	0.796005	1.05919	1.05919	1.75964	1.38572	0.700002	1
gi06497198	NHLRC1	0.219003	0.0597991	18.6225	18.6225	0.328718	4.00686	4.00686	0.828859	1.34726	1.34726	0.201519	6.40529	6.40529	0.834427	0.749611	-1.33402	0.593216	2.10099	2.10099	0.350671	0.266433	-3.75329	0.849737	0.770168	-1.29842	0.0252652	38.9738	38.9738	1.7596	52.8333	26.6895	1
gi24399028	MRPL20	0.219004	0.139844	1.15262	1.15262	0.644429	0.908377	-1.10086	0.853774	0.963078	-1.03834	0.818646	0.963063	-1.03834	0.820507	0.963514	-1.03814	0.451051	1.14066	1.14066	0.0189586	1.49827	1.49827	0.0574637	0.965021	1.44521	1.44521	0.867115	1.02912	1.02912	1.75958	0.8185905	0.413531	1
gi29235298	CYB5R3;CYB5R3;ATP5L2;CYB5R3	0.219012	0.08862	0.571069	-1.7511	0.585007	1.17877	1.17877	0.148734	0.630068	-1.58733	0.161594	0.640293	-1.56179	0.120032	0.604697	-1.65372	0.42211	1.27008	1.27008	0.389813	1.30061	1.30061	0.595025	1.17353	1.17353	0.20052	2.668125	-1.49673	1.75957	2.47908	1.25237	1
gi07582470	SAT32	0.219015	0.0800351	0.480903	-2.08033	0.0298654	0.264564	-3.78034	0.0933	0.394263	-2.53655	0.10423	0.340969	-2.93559	0.0969193	0.388983	-2.57113	0.274225	0.611559	-1.63509	0.0939763	0.388983	-2.57113	0.0939763	0.388983	-2.57113	0.0939763	0.388983	-2.57113	0.0939763	1.75956	0.33705	1.536	1.536	1.7312	1.42948	1
gi03472809	C14orf23;C14orf23	0.219017	0.362341	0.481453	-2.07705	0.496248	0.583132	-1.71488	0.53273	0.610609	-1.63771	0.237096	0.380218	-2.63007	0.0761318	0.2142233	-4.66782	0.272875	0.410279	-2.43737	0.0218047	0.116584	-8.57753	0.123758	0.272137	-3.67461	0.0737531	0.210943	-4.74061	1.75955	16.9849	8.58046	1
gi08719366	GCST	0.219019	0.893131	0.977437	-1.02308	0.159347	1.29091	1.29091	0.11922	1.33255	1.33255	0.437438	1.14396	1.14396	0.95925	1.01007	1.01007	0.447927	0.876393	-1.14033	0.0316243	0.651909	-1.53396	0.52376	0.896098	-1.11595	0.608559	1.09166	1.09166	1.75953	0.8033365	0.405847	1
gi20899383	ATP5G3;ATP5G3	0.219021	0.121089	0.373407	-2.68006	0.125042	1.29287	1.29287	0.0194663	0.750053	-1.33333	0.0694643	0.750053	-1.33333	0.0694643	0.750053	-1.33333	0.215009	0.75456	-1.32529	0.0534153	1.10976	1.10976	0.364752	2.2053	2.2053	0.147863	0.831162	-1.22977	1.75953	1.27602	0.644627	1
gi22113588	CDP56	0.219024	0.882124	0.968973	-1.03202	0.366883	0.82126	-1.21764	0.0809395	1.50847	1.50847	0.365408	0.820735	-1.21842	0.488288	0.86108	-1.16133	0.606164	0.895407	-1.11681	0.0255645	0.569183	-1.75691	0.544601	1.13913	1.13913	0.668325	1.09588	1.09588	1.75951	1.25755	0.6353	1
gi20899185	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.219024	0.0990399	0.296152	-3.37605	0.0285007	0.267401	-3.7357	0.133864	0.436079	-2.29316	0.75561	0.841383	-1.18868	0.104639	0.404063	-2.4717	0.346819	0.60998	-1.6394	0.0473777	0.660605	-1.50136	0.764067	0.979398	-1.02417	0.699437	0.820396	-1.21892	1.75951	7.25638	3.66585	1
gi09788239	MED15;MED15	0.219027	0.0473405	0.5769754	-1.73324	0.2625633	1.3273	1.3273	0.673067	1.10835	1.10835	0.0966819	0.642727	-1.55587	0.126612	1.49263	1.49263	0.592114	0.877135	-1.14008	0.0777076	0.993271	-1.00677	0.869734	1.04059	1.04059	0.470756	1.8370171	2.19464	1.7595	1.6373	0.827153	1
gi20631014	SNAP91;SNAP91	0.219031	0.344342	1.18363	1.18363	0.378789	0.855316	-1.16916	0.371492	1.17213	1.17213	0.725792	1.06284	1.06284	0.167142	0.775001	-1.29032	0.425182	1.15137	1.15137	0.864955

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Fold-Change(1-104T vs. N)	p-value(105T vs. N)	Fold-Change(1-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-121T vs. N)	p-value(123T vs. N)	Fold-Change(1-123T vs. N)	p-value(124T vs. N)	Fold-Change(1-124T vs. N)	p-value(127T vs. N)	Fold-Change(1-127T vs. N)	p-value(137T vs. N)	Fold-Change(1-137T vs. N)	p-value(537T vs. N)	Fold-Change(1-537T vs. N)	p-value(537T vs. N)	Fold-Change(1-537T vs. N)	p-value(563T vs. N)	Fold-Change(1-563T vs. N)	F(Error)
cg04474375	3,FGF13	0.219195	0.0644174	0.26846	-3.72494	0.703605	0.7850598	-1.27373	0.781529	1.1924	1.1924	0.0531031	0.01902	4.01902	0.931689	1.073486	0.105074	1.05074	0.07703665	0.288097	-3.47105	0.888184	0.914803	-1.09313	0.958224	1.03371	1.03371	0.627318	1.36299	1.36299	1.75877	11.1598	5.64018	1
cg11785933	SLC22A18AS,SLC22A18	0.219199	0.807101	1.09317	1.09317	0.493789	0.776432	-1.28794	0.840895	0.929422	-1.07594	0.521438	0.789279	-1.26698	0.147032	0.56741	-1.76239		0.253311	0.647628	-1.5441	0.109934	0.530207	-1.88606	0.0231803	0.372172	-2.68693	0.0631694	0.467209	-2.14037	1.75875	3.69348	1.86672	1
cg04951204	PPYR1RA,PPY1R9A	0.219199	0.170127	0.825049	-1.21205	0.159734	0.678177	-1.47454	0.125655	0.893991	-1.2438	0.859208	0.976898	-1.02365	0.537827	1.08559	1.08559	1.08559	0.2058201	0.838882	-1.19125	0.396814	0.892062	-1.121	0.84268	0.974419	-1.0265	0.750225	1.04294	1.04294	1.75875	0.482701	0.243961	1
cg18540492	AGBL4 FBXO44;FBXO2;FBXO44;FBXO4;FBXO4	0.219201	0.0276268	0.371582	-2.6912	0.175588	0.575067	-1.73893	0.575694	0.806581	-1.2398	0.800253	0.908121	-1.10117	0.025442	0.364407	-2.74419		0.46793	0.755216	-1.32412	0.265159	0.643111	-1.55494	0.375164	0.70751	-1.41341	0.841369	1.07915	1.07915	1.75874	4.02508	2.03432	1
cg05796704	4	0.219204	0.938241	1.06052	1.06052	0.0803649	4.35248	4.35248	0.0461888	5.65234	5.65234	0.416474	1.87704	1.87704	0.232945	0.38737	-2.58151		0.694538	1.34886	1.34886	0.650476	0.7076603	-1.41322	0.0840915	4.25982	4.25982	0.928293	1.07063	1.07063	1.75873	16.0148	8.09411	1
cg00135852	HOXB9;HOXB9	0.219206	0.269546	0.604862	-1.65327	0.748038	0.868553	-1.15134	0.88849	0.940498	-1.06327	0.456722	0.717899	-1.39295	0.936984	1.03531	1.03531	1.03518	0.488914	0.735352	-1.35989	0.420694	0.6978834	-1.43291	0.0129448	3.85301	3.85301	0.422968	1.43028	1.43028	1.75872	5.32563	2.69167	1
cg26555794	CPNE7;CPNE7	0.219208	0.995953	0.990072	1.00093	0.264456	0.808211	-1.2373	0.560489	0.897844	-1.11378	0.596633	1.02272	1.02272	0.9069	0.945658	-1.05746		0.269648	1.23423	1.23423	0.204917	1.63005	1.63005	0.7174458	0.935638	-1.06879	0.126515	0.738892	-1.35338	1.75871	0.9335529	0.471824	1
cg08155354	RFC3;RFC3	0.219208	0.48883	1.28681	1.28681	0.130226	1.79702	1.79702	0.504462	0.784346	-1.27495	0.597368	0.826004	-1.21065	0.344779	0.70541	-1.41761		0.31637	0.689712	-1.44988	0.0639318	0.4738897	-2.11016	0.593527	1.21312	1.21312	0.119297	1.8335	1.8335	1.75871	3.58225	1.81054	1
cg17430135	FLEKHB;HB	0.219208	0.722737	1.0729	1.0729	0.0126405	0.909548	-1.10178	0.194927	1.31102	1.31102	0.223156	1.28766	1.28766	0.0562682	0.652469	-1.53264		0.653096	1.09348	1.09348	0.213269	1.39066	1.39066	0.05079	0.913793	-1.09434	0.221297	0.775571	1.28911	1.75871	1.08675	0.549265	1
cg01440946	INGS	0.219211	0.0824132	0.715092	-1.39842	0.3088683	1.166	1.166	0.951303	1.0107	1.0107	0.834566	1.03713	1.03713	0.987348	1.00277	1.00277		0.255719	0.813173	-1.22975	0.061186	1.44444	1.44444	0.104448	0.733913	-1.36256	0.948095	0.988716	-1.01141	1.7587	0.846262	0.42772	1
cg25151688	GUSBL2	0.219211	0.121519	0.306702	-3.25985	0.0190704	0.15569	-7.36975	0.0593301	2.1583	-3.93965	0.616021	0.300558	-3.42751	0.99235	0.978574	-2.64149		0.179932	0.634325	-2.76355	0.156436	0.349323	-2.90762	0.4883331	0.609223	-1.64144	0.77451	0.816936	-1.22409	1.7587	13.8023	6.97998	1
cg04729498	PDE6B;PDE6B	0.219212	0.366393	0.436886	-2.28892	0.207977	0.386985	-2.58408	0.197979	0.377957	-2.6458	0.389565	0.532324	-1.87856	0.0384304	0.179935	-5.55755		0.229125	0.405572	-2.46566	0.0452073	0.193398	-5.17068	0.0719634	0.237797	-4.20527	0.172353	0.303922	-2.82544	1.75866	14.2428	7.19879	1
cg06174454	RASSF1;RASSF1;RASSF1;RASSF1	0.21922	0.5382	0.679203	-1.47231	0.746449	0.817619	-1.22306	0.164551	0.398352	-2.51034	0.635055	1.3455	1.3455	0.347108	0.548313	-1.82378		0.616326	1.36829	1.36829	0.0108685	0.437097	-1.63707	0.137297	-7.2782	0.59538	-1.67833	1.75866	10.7304	5.42351	1
cg02731042	LIMBTL4	0.219215	0.694607	1.636	1.636	0.795992	0.724557	-1.38015	0.238489	0.190607	-5.02345	0.880848	0.190607	-5.02345	0.880848	1.2047	1.2047	?	?	?	0.0500815	25.4203	25.4203	?	2.30603	27.1906	0.43287	1
cg01855741	SUT3;MIR585	0.219235	0.209094	2.16963	2.16963	0.00783956	7.3611	7.3611	0.202743	2.19609	2.19609	0.893399	0.924563	-1.08159	0.953007	1.03508	1.03508		0.749986	0.82942	-1.20566	0.882835	1.0901	1.0901	0.683181	1.27132	1.27132	0.447366	1.57309	1.57309	1.7586	9.53214	4.81806	1
cg11981281	ZNF784	0.219236	0.879592	0.967094	-1.03403	0.4726391	1.17494	1.17494	0.861121	0.960788	-1.03941	0.969526	1.00847	1.00847	0.150925	0.713946	-1.4046		0.631031	0.898695	-1.11273	0.269208	1.28915	1.28915	0.752886	0.93266	-1.0722	0.0127188	0.504897	-1.9806	1.75858	1.35696	0.685886	1
cg17981927	NEU4;NEU4;NEU4;NEU4;NEU4	0.219241	0.354974	0.649492	-1.53907	0.723153	0.175506	-1.75706	0.32782	1.58107	-1.58107	0.665539	1.21816	0.821816	0.0118673	0.490627	-2.04076		0.198108	0.989279	-1.01084	0.589263	0.780973	-1.28045	0.7129178	0.713826	1.13028	1.13028	0.178577	5.5729	2.89579	1
cg00259981	ST18	0.219242	0.260534	1.14047	1.14047	0.4983576	0.926201	-1.07968	0.263808	0.877697	-1.13935	0.184492	1.17125	1.17125	0.659505	1.05063	1.05063		0.414793	1.09754	1.09754	0.0240036	1.36091	1.36091	0.222203	1.15472	1.15472	0.308553	1.12513	1.12513	1.8283	0.3510043	0.149337	1
cg22959667	SH3BF3;LOC100287216	0.219245	0.107469	0.619386	-1.61503	0.754635	0.189311	-1.58955	0.302808	1.0339	1.0339	0.0505048	1.83702	1.83702	?	?	?	?	0.29115	0.741646	-1.34885	0.43102	1.24521	1.24521	0.412686	0.79709	-1.25674	0.276661	1.3617	1.3617	1.76618	1.85112	1.04809	1
cg24237742	GNL1;PRR3;PRR3	0.219244	0.743421	1.06822	1.06822	0.0327089	1.65218	1.65218	0.204358	1.24504	1.24504	0.847388	1.03947	1.03947	0.0442304	1.64167	1.64167		0.175731	1.33547	1.33547	0.291648	1.54289	1.54289	0.537572	1.11363	1.11363	0.0873845	1.4611	1.4611	1.75856	1.12444	0.568366	1
cg02284913	ATF6B;ATF6B	0.219245	0.111719	1.40942	1.85042	0.532453	0.7988	-1.25188	?	?	?	?	?	?	0.0175841	2.78092	2.78092	0.597626	1.20833	1.20833	0.883086	0.949063	-1.05367	0.707799	0.83479	-1.14313	0.516444	0.791576	-1.2631	0.731975	1.13992	1.12992	1.76617	1.33843	0.77907	1
cg17010695	PHLDA1	0.219246	0.0518502	0.631802	-1.58278	0.621485	2.11881	1.10881	0.233458	1.29285	1.29285	0.4074061	0.624548	-1.60116	0.674289	0.916013	1.09169		0.774552	1.06141	1.06141	0.605655	0.897549	-1.11414	0.376302	1.20735	1.20735	0.533164	1.13996	1.13996	1.75855	1.19963	0.606372	1
cg02107564	EPS00;EP300	0.219254	0.339274	0.863413	-1.15819	0.326539	1.16303	1.16303	0.0948762	1.3148	1.3148	0.128186	0.78254	-1.27789	0.683285	0.94078	-1.06295		0.197587	1.22517	1.22517	0.744843	0.952474	-1.0499	0.302107	1.19143	1.19143	0.139686	1.26741	1.26741	1.75851	0.619202	0.312993	1
cg21209337	TGM3	0.219255	0.419875	1.2466	1.2466	0.1918	0.907734	-1.10242	0.153091	0.827677	1.20873	0.167747	0.894499	1.12045	0.0652287	1.37979	1.37979	0.122342	0.184234	1.83122	0.703858	1.30914	1.30914	0.115122	0.9743	1.02636	0.888747	-1.1354	0.0126094	0.418817	-2.38768	1.7585	2.19278	1.1084	1
cg10528537	C6orf10	0.219256	0.0110682	0.0884681	-11.3035	0.22101	0.375585	-2.66251	0.234374	0.387196	-2.58267	0.117886	0.27459	-3.6418	0.771453	0.801159	-1.24819		0.702092	1.33981	1.33981	0.598776	0.667553	-1.49801	0.249562	0.400132	-2.49918	0.568637	0.644969	-1.55046	1.7585	16.1358	8.15631	1
cg08100149	MTMR15;MTMR15;MTMR15;MTMR15 PREPL;PREPL;PREPL;PREPL;PREPL;PREPL	0.21926	0.116386	0.255583	-3.91263	0.641086	0.687019	-1.45556	0.924118	0.926655	-1.07915	0.873064	0.879993	-1.13637	0.0336572	0.137551	-7.27005		0.334986	0.451587	-2.21441	0.0393744	0.148716	-6.72421	0.530438	1.66216	1.66216	0.278585	0.406245	-2.46157	1.75849	17.8049	9.00011	1
cg27213925	,PREPL	0.219264	0.297358	0.646394	-1.54704	0.133163	0.519789	-1.92386	0.139813	0.526416	-1.89964	0.245975	1.63242	1.63242	0.185848	0.567484	-1.76216		0.936762	0.96846	-1.03257	0.712971	1.16094	1.16094	0.0801098	2.19065	2.19065	0.972521	0.986184	-1.01401	1.75847	4.54302	2.29645	1
cg25703864	SMOC2;SMOC2	0.219264	0.943489	1.01122	1.01122	0.686496	0.93816	-1.06592	0.612629	0.922815	-1.08364	0.915331	0.983408	-1.01687	0.876399	0.97581	-1.02479		0.916972	0.983729	-1.01654	0.00586781	1.1635	1.7635	0.85654	0.971932	-1.02888	0.594659	1.08816	1.08816	1.75847	0.6893309	0.348439	1
cg02774655	CLIP4	0.219265	0.0220903	0.627455	-1.59393	0.277405	0.760567	-1.27358	0.182313	0.858808	-1.16432	0.0206531	0.837203	-1.19507	0.0107707	0.803756	-1.24453		0.0476649	0.680743	-1.46898	0.0126403	0.170619	-5.86457	0.0540936	0.314709	0.176004	0.0410928	0.2419	-4.13441	1.75847	0.7160004	0.402728	1
cg03550821	AIG1	0.219266	0.277127	0.809214	-1.23577	0.0304856	1.60999	1.60999	0.788746	1.05158	1.05158	0.877329	0.971485	-1.02935	0.796843	1.0495	1.0495		0.125424	1.36426	1.36426	0.0652791	1.47338	1.47338	0.442498	1.15796	1.15796	0.966833	0.992243	-1.00782	1.75846	0.9768277	0.491804	1
cg19832184	MYH7B;MIR499	0.219268	0.102412	0.351794	-2.84257	0.798181	1.16157	1.16157	0.530286	0.689628	-1.45006	0.996727	1.0024	1.0024	0.0509857	0.272707	-3.66694		0.282545	0.526634	-1.92074	0.221102	0.2040395	-4.89249	0.635235	0.756295	-1.32224	0.27422	0.514261	-1.94454	1.75845	9.515537	4.80997	1
cg10259004	MYL9;MYL9	0.219274	0.9367907	1.03911	1.03911	0.194403	0.647096	-1.54537	0.312162	0.737802	-1.3554	0.251741	0.68405	-1.46116	0.0174057	0.578042	-1.72969		0.4548862	1.27587	1.27587	0.510443	0.809203	-1.23578	0.176642	0.634136	-1.57695	0.14121	0.605447	-1.65167	1.7584	2.820973	1.41598	1
cg06133723	GRM7;GRM7	0.219274	0.0890651	3.92627	3.92627	0.207972	2.63345	2.63345	0.385363	0.522522	-1.91378	0.180831	0.354772	-2.81871	0.409992	0.540894	-1.84879		0.449989	0.570392	-1.75318	0.0664913	0.222925	-4.48581	0.570468	0.658237	-1.51921	0.917957	1.07804	1.07804	1.75843	14.8144	7.48872	1
cg16751754	MX1;MX1	0.219284	0.163338	0.590647	-1.69358	0.817547	1.10622	1.10622	0.36488	0.865586	-1.45648	0.823676	0.924058	-1.08218	0.810009	0.917306	-1.09002		0.377488	0.727793	-1.3739	0.468663	1.10749	1.10749	0.208108	0.625184	-1.59953	0.325843	0.88352	-1.13182	1.7583	1.74835	1.07335	1
cg04415978	IFT74;IFT74;IFT74;IFT74	0.219278	0.836001	1.02794	1.02794	0.518091	0.916572	-1.09102	0.118657	1.25258	1.25258	0.48883	1.098	1.098	0.98946	0.998176	1.00183		0.0719825	1.30608	1.30608	0.0555933	0.749457	-1.3343	0.281566	1.16043	1.16043	0.961865	0.993663	1.00638	1.75841	0.492287	0.248856	1
cg04151087	SLC47A1	0.219283	0.534421	0.734756	-1.361	0.532302	0.733551	-1.36323	0.102639	0.416929	-2.39849	0.36627	0.634641	-1.57569	0.124939	0.443243	-2.2561		0.217848	0.529928	-1.88705	0.157842	2.09539	2.09539	0.138167	2.18583	2.18583	0.558802	0.748555	-1.33591	1.7584	6.68278	3.37821	1
cg26539461	PLBD2;PLBD2	0.219283	0.451841	1.20796	1.20796	0.0847758	1.08522	1.08522	0.304884	0.886586	-1.45648	0.823676	0.924058	-1.08218	0.810009	0.917306	-1.09002		0.839423	0.872501	-1.1463	0.442603	0.57917	-1.72661	0.457897	0.896425	-1.66216	0.182786	1.38621	1.38621	1.75841	2.58651	1.3784	1
cg07184479	EXOC6;EXOC6	0.219285	0.403083	0.647301	-1.54488	0.55027	0.735489	-1.35964	0.105981	0.407588	-2.45345	0.160817	0.467005	-2.1413	0.0316147	0.277851	-3.59905		0.326561	0.597587	-1.6734	0.0678007	0.353494	-2.8289	0.448371	0.148103	0.481013	0.381618	0.633713	-1.57796	1.7583	7.19569	3.63754	1
cg01992413	FBXO2;FBXO2;FBXO2	0.219286	0.1626802	0.5258662	-1.90126	0.1248837	0.84887	-1.18002	0.39206	0.931991	-1.07351	0.617501	0.747709	-1.33798	0.0172502	0.589703	-1.69514		0.589543	1.1531	1.1531	0.407737	0.722229	-1.40404	0.220834	1.14002	1.14002	0.719663	0.923336	-1.08307	1.7583	1.02336	0.534407	1
cg12529081	KIAA1467	0.219293	0.423178	0.566445	-1.7654	0.0332326	0.636674	0.636674	0.243112	2.33646	2.33646	0.296578	2.1211	2.1211	0.230438	0.417224	-2.39679		0.92091	0.933326	-1.07144	0.611687	0.7006679	-1.42719	0.183955	0.373154	-2.67986	0.877177	1.11344	1.11344	1.75834	13.4432	6.79591	1
cg09495421	NRXN1;NRXN1	0.219294	0.484964	0.581228	-1.72105	0.2140316	2.21227	2.11827	0.0338779	0.503274	-1.98699	0.484985	1.82699	1.82699	0.463862	0.565784	-1.76746		0.0397479	0.44877	-2.22837	0.0436678	0.474549	4.77649	0.648012	1.59102	1.59102	0.79834	0.9255	-1.08026	1.7583	16.255	8.21533	1
cg18424393	FSTL5;FSTL5;FSTL5	0.219295	0.20435	0.831347	-1.20287	0.0842828	0.768458	-1.30131	0.873617	1.02219	1.02219	0.925933	1.15012	1.15012	0.427486	1.1181	1.1181		0.697063	0.947482	-1.05543	0.325063	1.15043	1.15043	0.897754	0.982428	-1.01788	0.0472882	1.36751	1.36751	1.75834	0.5295578	0.267716	1
cg22482658	ACTL7A	0.219305	0.596854	0.890081	-1.12349	0.0319509	0.577934	-1.7303	0.414245	0.833549	-1.19969	0.794722	0.944708	-1.05853	0.697557	1.08892	1.08892		0.921307	0.978676	-1.02179	0.0432416	1.66069	1.66069	0.694668	1.08987	1.08987	0.498905	0.860927	-1.16154	1.7829	1.32514	0.669914	1
cg10378388	CIRBP;C19orf22;CIRBP;CIRBP	0.219306	0.5662156	1.09908	1.09908	0.3447475	0.797589	-1.25346	0.102736	0.329446	-3.03577	0.178622	0.318752	-3.13821	0.0188396	0.19178	-5.21496		0.935099	0.98117	-1.01936	0.0187377	0.72096	-1.38704	0.368033	0.912266	-1.16261	0.0507113	0.43731	-2.28617	1.7829	0.739424	0.37381	1
cg11590647	ZC3HAV1	0.219313	0.0547133	1.73012	1.73012	0.1875	1.42106	1.42106	0.481328	1.19729	1.19729	0.0496698	0.624362	-1.60163	0.544089	0.856875	-1.16703		0.421523	0.813378	-1.22944	0.301059	0.763716	-1.30939	0.601999	1.14153	1.14153	0.669045	0.897471	-1.11424	1.7826	1.76227	0.890918	1
cg11140015	SLC23A11	0.219315	0.66251	1.12198	1.12198	0.0486116	1.70191	1.70191	0.310046	1.31649	1.31649	0.614672	1.14211	1.14211	0.132783	0.650701	-1.53681		0.599134	1.14085	1.14085	0.0458993	1.83215	1.83215	0.459308	0.812144	-1.2313	0.789983	1.07237	1.07237	1.7825	1.90813	0.964559	1
cg22873986	DAGLB;DAGLB	0.219319	0.6580804	0.778141	-1.28503	0.6239951	1.75729	-1.32078	0.137466	0.376268	-2.6481	0.181931	0.318933	-3.13578	0.0192858	0.350102	-2.85875		0.187914	0.917085	-1.09041	0.73167	1.26227	1.26227	0.59934	1.69634	1.69634	0.285652	0.535588	-1.86711	1.7823	8.28444	4.16242	1
cg23481438	ANXA6;ANXA6	0.21932	0.375415	0.870353	-1.14896	0.519762	1.10473	1.10473	0.564711	1.09293	1.09293	0.0400025	0.696071	-1.43664	0.287803	0.844971	-1.18347		0.222408	0.822239	-1.21619	0.875179	0.976291	-1.02428	0.340575	1.16173	1.16173	0.071282	0.735284	-1.36002	1.7823	0.6487781	0.327997	1
cg26686512	HDAC4	0.219325	0.1504562	0.5496	-1.81954	0.1704653	0.766357	-1.30459	0.226795	0.776585	-1.28769	0.144496	0.464189	-2.15442	0.0288604	0.298422	-3.35067		0.837863	1.05245	1.05245	0.143962	1.47941	1.47941	0.693126	0.90579	-1.10403	0.149818	0.680091	-1.47003	1.7824	1.17861	0.474217	1
cg05878337	CTNND2	0.219336	0.915799	0.983501	-1.01678	0.714434	1.05951	1.05951	0.450796	1.12847	1.12847	0.253466	0.82894	-1.20636	0.0536444	0.708421	-1.41159		0.708165	0.942565	-1.06094	0.363748	0.863445	-1.15815	0.58931	0.917839	-1.08952	0.0447359	1.43685	1.43685	1.75816	0.6880033	0.348361	1
cg21163553	YAP52	0.219339	0.76708	0.965165	-1.03502	0.2354519	1.15498	1.15498	0.322565	1.82501	1.82501	0.446662	0.914037	-1.09405	0.572594	1.0678	1.0678		0.808568	0.972265	-1.02853	0.653283	0.948888	-1.05387	0.547424	1.19262	1.19262	0.1109262	0.8154406	1.41384	1.41384	1.75815	0.8737922	0.189048	1
cg24332347	TARBP1	0.219341	0.805514	0.918	-1.08932	0.497166	1.27007	1.27007	0.205267	1.58863	1.58863	0.691239	0.870702	-1.1485	0.0616042	0.362554	-2.75821		0.578852	1.21465	1.21465	0.341347	1.40502	1.40502	0.702068	0.875202	-1.14259	0.326857	0.703945	-1.42057	1.7814	3.34933	1.69337	1
cg09241332	ZIC1	0.219345	0.793957	1.17603	1.17603	0.10653	2.9794	2.9794	0.682208	1.2905	1.2905	0.936773	1.05037	1.05037	0.967282	0.974911	-1.02573		0.801295	0.855375	-1.16908	0.562869	1.43673	1.43673	0.0132506	6.69969	6.69969	0.0881426	2.03815	3.20815	1.75812	10.6851	5.40229	1
cg05660134	ZNF746;ZNF746	0.219346	0.96625	1.00951	1.00951	0.7886494	1.00424	-1.01062	0.813114	1.04736	1.04736	0.606836	1.44794	1.44794	0.0968681	1.47686	1.47686		0.839423	0.872501	-1.1463	0.442603	0.57917	-1.72661	0.457897	0.896425	-1.66216	0.182786	1.38621	1.38621	1.75812	2.58651	1.3784	1
cg18631301	FBXL7	0.219352	0.542828	1.5276	1.5276	0.0540787	0.22227	-4.49903	0.199779	0.393871	-2.5389	0.873866	1.11547	1.11547	0.957779	0.979334	-1.0211		0.397951	1.81358	1.81358	0.755072	0.806341	-1.24017	0.0669198	4.10722	4.10722	0.265925	2.2197	2.2197	1.7809	13.1736	6.66056	1
cg05497360	UBE2U;UBE2U;UBE2U;UBE2I	0.219353	0.6388966	1.16656	1.16656	0.167533	1.07411	1.07411	0.218697	1.23869	1.23869	0.964553	0.985556	-1.01466	0.0693625	0.524203	-1.90756		0.198108	0.989279	-1.01084	0.589263	0.780973	-1.28045	0.7129178	0.713826	1.13028	1.13028	0.178577	5.5729	2.89579	1
cg06087623	SKI	0.219354	0.554582	0.608471	-1.64346	0.458753	1.8721	1.8721	0.551338	1.65033	1.65033	0.424562	0.507715	-1.96961	0.142718	0.269959	3.70426		0.198808	0.323483	-3.09135	0.0184377	0.0929017	-10.7641	0.214022	0.337083	-2.96662	0.375611	0.469635	-2.12931	1.7808	19.2362	9.72588	1
cg07910986	IGFBP3;IGFBP3	0.219355	0.162942	0.823616	-1.21386	0.671009	1.05717	1.05717	0.244607	1.17163	1.17163	0.184231	1.20117	1.20117	0.873331	1.02098	1.02098		0.322529	0.875483	-1.14223	0.521411	1.08825	1.08825	0.861951	0.977605	-1.02291	0.0276163	1.14344	1.14344	1.75807	0.4715052	0.238395	1
cg12700732	CABP7	0.219357	0.427536	0.821674	-1.21743	0.554952	1.15179	1.15179	0.102249	1.54512	1.54512	0.614569	0.980389	-1.02111	0.0903685	0.648304	-1.54228		0.573902	1.14767	1.14767	0.241118	1.34652	1.34652	0.742955	0.629505	-1.58855	0.97678	1.00708	1.00708	1.7807	1.1606	0.582624	1
cg24015057	ACOX1;ACOX1;C17orf105	0.21936	0.159974	0.702247	-1.424	0.0519287	1.68317	1.68317	0.393479	1.2285	1.2285	0.64657	0.897002	-1.11482	0.943133	0.983345	-1.01694		0.49708	0.850164	-1.17624	0.0983294	0.65257	-1.5324	0.346158	1.33049	1.33049	0.872513	0.962897	-1.03853	1.75805	1.54336	0.78034	1
cg07145683	KIF8	0.219359	0.0563833	0.707165	-1.41403	0.2410516	0.83596	-1.19596	0.222363	0.40225	-2.48225	0.521371	0.70445	-1.42005	0.0501899	0.402213	-2.48578		0.354571	2.85208	2.85208	0.0888195	0.0948955	-10.0153	0.0398355	0.944172	0.94172	0.5843004	0.33769	-2.96107	1.7824	0.7214727	0.3847	1
cg03651493	NPR3	0.219365	0.755584	0.754627	-1.32516	0.0483943	0.640154	0.640154	0.120997	0.4559	0.4559	0.134144	0.29059	-3.44206	0.196146	0.960326	-1.04131		0.236438	0.326775	-3.06021	0.491351	1.87797	1.87797	0.140404	4.96613	4.96613	0.692374	1.43122	1.43122	1.75803	22.6336	11.4439	1
cg01749539	SEPT9;SEPT9;SEPT9;S

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	SS(Test)	SS(Error)	F(Error)
cg07795316	DHTKD1;DHTKD1		0.219561		0.906642		0.960187		-1.04146	0.423082	0.753258		-1.32757	0.2739	1.4833		1.4833	0.202774	0.627738		-1.59302	0.2162		0.6371192		-1.56938		0.389029		0.736612		-1.35757	0.01885		0.373386		-2.67819	0.28411		0.688628		-1.45767	0.180867		0.61141		-1.63556	1.75719		3.33733		1.68822	
cg13215060	C2orf62		0.219561		0.02814442		2.243869		-4.10056	0.72067		1.21582		1.21582	0.074822		0.339594		-2.94693	0.869317		1.09376		1.039176		0.168686		0.450114		-2.22166		0.713614		1.22217		1.25483		0.54339		-1.84029	1.75719		8.24407		4.17034	
cg22376415	RAET1K		0.219562		0.73324		1.15646		1.15646	0.452722		0.731449		-1.36715	0.887284		0.943674		-1.05969	0.149775		1.88004		1.88004	0.263572		1.61035		1.61035		0.668999		1.19222		1.19222		0.0302507		0.35293		-2.83342	0.903723		1.05071		1.05071	0.151087		1.87569		1.87569	1.75718		4.6511		2.35281	
cg14100946	CD65;CD65		0.219564		0.07349026		7.07074		7.07074	0.677527		1.506421		1.506421	1.506421		0.9303102		1.08898		1.0888		0.113951		0.237515		0.100241		0.842433		5.842316		0.961268		1.004875		1.04875		0.857874		0.838666		-1.19209		0.0508899		0.93242		0.834957		0.486495		6.496		5.75717		26.7378		13.1257	
cg10091811	TBCD		0.219579		0.09159538		0.694869		-1.43912	0.314413		1.226614		1.226614	0.736061		1.206853		1.06853		0.038785		1.59825		1.598275		0.037457		0.823833		-1.21384		0.953973		0.892944		1.12045		0.0557799		0.75121		-1.33133		0.0168604		0.81479		0.842762		0.807548		0.817486		-1.22126		0.75711		1.06868		0.540626	
cg25091777	RPS6KA2		0.219581		0.0662133		0.576613		-1.73497	0.327429		0.763365		-1.30999	0.370095		1.2787		1.2787		0.928666		1.0242		1.0242		0.0556389		1.78471		1.78471		0.815455		1.06444		1.06444		0.149789		0.662033		-1.5105		0.994926		1.0017		1.0017		0.710253		1.10481		1.10481		1.58533		1.00435	
cg01457080	ANGEL1		0.219584		0.84032		1.04301		1.04301	0.838604		1.04349		1.04349	0.404977		1.19463		1.19463		0.0727968		0.658537		-1.51852		0.37696		0.827599		-1.20831		0.953973		0.988025		-1.01212		0.0303131		0.587747		-1.70141		0.834459		1.04665		1.04665		0.224331		1.30527		1.17509		1.21229		0.613281	
cg20677365	TPMT;IDH1B		0.219584		0.827515		1.10436		1.10436	0.86497		1.0805		1.0805	0.0541039		2.70334		2.70334		0.41623		0.985021		0.033754		0.10713		0.01718		0.01718		0.796249		1.12492		1.12492		0.0306334		0.914938		-1.37235		0.173185		0.70358		0.57591		2.91947	
cg09481970	B2		0.219591		0.677404		0.939604		-1.06428	0.350256		0.866607		-1.15393	0.240856		1.20062		1.20062		0.67726		1.06431		1.06431		0.225809		1.20853		1.20853		0.0725122		0.74201		-1.34769		0.125331		0.781118		-1.28022		0.595404		1.08308		1.08308		0.190975		1.22898		1.22898		1.75706		0.617039		0.312158	
cg26481489	IGF1R		0.219593		0.0737843		0.499602		-2.00199		0.1634555		0.844697		-1.18386		0.32234		1.03453		1.03453		0.868658		0.9641713		1.03702		1.03702		1.15913		0.6020985		-2.60819		0.0204139		0.0620985		-1.61034		0.715948		1.13784		1.13784		1.75704		3.37863		1.70672	
cg13338666	CTNS;SHPX;CTNS		0.219597		0.964948		0.992055		-1.00801	0.128745		1.34714		1.34714	0.964917		1.00698		1.00698		0.980912		0.995667		-1.00435		0.906601		0.978922		-1.02153		0.501245		1.88347		-1.1319		0.0125124		0.568995		-1.75748		0.470119		1.14267		1.14267		0.767457		1.0553		1.75703		0.916762		0.463794	
cg24109980	SLC18A3;SLC18A3;CHAT		0.219598		0.889484		0.978661		-1.0218	0.822952		0.96583		-1.03538	0.0614429		1.38664		1.38664		0.503178		1.11116		1.11116		0.854314		0.971887		-1.02893		0.781337		1.04411		1.04411		0.254464		1.20274		1.20274		0.0129342		1.61391		1.61391		0.894227		1.02085		1.02085		1.75703		0.669767		0.338839	
	CABYR;CABYR;CABYR;CABYR;CABYR;CA		

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2317 vs. N)	Fold-Change(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Treat)	SS(Test)	SS(Error)	F(Error
ap_27318318	ALX4	0.219961	0.219961	1.59852	1.94952	2.7737302	1.18667	1.18667	0.996072	1.00251	0.330544	1.64946	1.64946	0.497732	0.704703	-1.41904	0.774096	0.863893	-1.15755	0.120871	0.425208	-2.35379	0.02541122	1.85984	1.85984	0.38295	1.57597	1.75545	7.18611	3.63875	1
ap_02587405	DCLK2;DCLK2	0.219963	0.07181442	0.610943	-1.63681	0.396261	0.808174	-1.23736	0.692057	0.907016	-1.10252	0.004811	0.536113	-1.86528	0.224501	0.731394	-1.36725	0.257261	0.748369	-1.33624	0.207235	1.38551	1.38551	0.743584	0.922681	-1.0838	0.976858	0.992914	-1.00714	1.75545	1.67103	0.846143	1
ap_04123496	STK32C	0.219964	0.4092361	1.57824	1.57824	0.425613	1.55249	1.55249	0.144058	2.33614	2.33614	0.380073	1.62271	1.6271	7	7	7	0.3350492	3.77247	3.77247	0.264537	0.5332716	-1.8752	0.428108	0.645717	-1.54867	0.627952	0.767958	-1.30215	1.76298	7.25463	4.11498	1
ap_13445329	PDX1	0.219965	0.161571	2.36264	2.36264	0.2212021	2.0875	2.0875	0.0739917	3.14338	3.14338	0.149404	2.43292	2.43292	0.934201	0.953618	-1.04864	0.61783	0.748783	-1.3355	0.178162	0.439171	-2.27702	0.1303	2.55956	2.55956	0.801881	0.924761	-1.08136	1.7554	9.19607	4.6571	1
ap_13408430	SV2C	0.219974	0.06806698	1.31528	1.31528	0.864625	1.02315	1.02315	0.155955	1.2258	1.2258	0.708005	0.950780	-1.05176	0.195216	1.20172	1.20172	0.175902	1.2129	1.2129	0.298329	0.865376	-1.15557	0.1114	1.26184	1.26184	0.140267	2.23714	1.23714	1.7554	0.5001626	0.253251	1
ap_19529551	RAB6B	0.219975	0.829553	0.911124	-1.09755	0.621802	0.806805	-1.22946	0.669631	1.20357	1.20357	0.535297	0.76258	-1.31134	0.124636	0.487364	-2.04983	0.373952	0.674342	-1.48293	0.0108333	0.2511188	-3.98108	0.137791	0.501056	-1.99364	0.909458	0.952072	-1.05034	1.7554	5.18203	2.62405	1
ap_08532057	NUPL1;NUPL1	0.219978	0.130989	0.369452	-2.70671	0.929678	0.947529	-1.05538	0.0985639	0.330833	-3.02267	0.513871	1.49819	1.49819	0.195888	0.433796	-2.30523	0.0332388	0.218762	-4.57118	0.0981017	0.330235	-3.02815	0.482267	0.646056	-1.54666	0.365477	0.566779	-1.76436	1.75538	10.3663	5.24929	1
ap_02442291	CACNA1H;CACNA1H	0.219980	0.8699229	0.919327	-1.07178	0.8319156	0.345236	1.285657	0.1585572	1.89175	1.89175	0.260962	1.60747	1.60747	0.193587	0.609701	-1.64124	0.286055	0.625846	-1.59744	0.1509	0.628802	-1.59035	0.192548	0.863001	-1.16144	0.459559	1.3751	1.3751	1.75537	4.97444	2.51887	1
ap_05019142	OPN5;OPN5	0.219987	0.276309	1.16094	1.16094	0.340317	1.13803	1.13803	0.554493	1.3332	1.3332	0.549705	0.923332	-1.08303	0.167452	1.214	1.214	0.679851	0.964636	-1.0366	0.495152	0.912759	-1.09558	0.239459	0.850152	-1.17626	0.124709	1.24489	1.75544	0.482836	0.244504	1
ap_25150635	ADCY6	0.219991	0.777282	0.894074	-1.11848	0.475326	1.3319	1.3319	0.659526	1.19131	1.19131	0.860971	0.933128	-1.07166	0.349955	1.46208	1.46208	0.132729	0.52704	-1.89739	0.0239077	0.345067	-2.89799	0.201889	0.587403	-1.70241	0.4912	1.31794	1.31794	1.75533	4.33368	2.19455	1
ap_08997526	SOX21	0.219992	0.263705	1.39821	1.39821	0.716494	1.59193	1.59193	0.324559	1.64543	1.64543	0.182194	0.649153	-1.53283	0.352822	1.49038	1.49038	0.655571	1.5257	1.5257	0.0955327	0.1994838	-5.01498	0.0255137	0.0955327	-4.46273	0.75517	0.368561	1.75544	2.50101	1.16323	1
ap_04980712	ROBO2;ROBO2	0.219997	0.829312	0.96919	-1.03179	0.604171	0.70875	1.207635	0.0303569	1.44622	1.44622	0.984994	1.00209	1.00209	0.269636	0.846516	-1.18131	0.587569	1.08261	1.08261	0.0495815	1.38365	1.38365	0.684432	1.06017	1.06017	0.419369	0.887729	-1.12704	1.7553	0.5840889	0.295785	1
ap_13294498	SOX2OT	0.220005	0.648433	0.457164	-2.18549	0.440866	0.263598	3.8228	0.194293	2.56125	2.56125	0.094733	1.92556	1.92556	0.364974	0.90566	-1.10452	0.336121	0.542572	1.84307	0.140757	0.2466128	4.05532	0.340372	0.2402757	4.16111	0.56288	0.611038	0.508063	1.34228	1.34228	1.82408	0.8145976	0.442081	1
ap_07626482	SLC1A5;SLC1A5;SLC1A5	0.220006	0.07134438	0.39617	-2.52417	0.2225328	0.284771	-1.51159	0.133267	0.453368	-2.20571	0.334151	0.632584	-1.58082	0.215871	0.549472	-1.81993	0.750933	0.863814	-1.15766	0.209521	0.544407	-1.83686	0.243139	0.570353	-1.7533	0.814857	1.11387	1.11387	1.75526	5.87558	2.97548	1
ap_04994217	C1orf170	0.220008	0.459756	0.663076	-1.50812	0.162326	2.57769	2.57769	0.563688	1.37525	1.37525	0.35329	1.68431	1.68431	0.164903	0.445429	-2.24503	0.269355	1.87368	1.87368	0.166452	0.44692	-2.23755	0.880587	1.08072	1.08072	0.0737352	2.96882	2.96882	1.75525	8.283351	4.19491	1
ap_06958211	PAK6;PAK6;PAK6;PAK6	0.220008	0.3015383	0.592867	-1.68672	0.2148662	0.528062	-1.89372	0.105765	1.78869	1.78869	0.814502	1.12268	1.12268	0.690207	0.820977	-1.21806	0.820977	1.21806	1.21806	0.0204911	2.484497	2.484497	0.232628	2.62434	-3.783	0.713813	1.19884	1.19884	1.75525	6.739511	3.41281	1
ap_16794471	FMNL2	0.22001	0.0554181	0.25998	-3.84644	0.129437	2.76357	2.76357	0.28993	1.97686	1.97686	0.645262	0.750049	-1.33325	0.117785	0.348569	-2.86887	0.995596	1.00343	1.00343	0.237227	0.4637397	-2.15611	0.997127	1.00224	1.00224	0.353206	0.552827	-1.80888	1.75524	10.7022	5.41981	1
ap_17271269	RPL9P2	0.220011	0.06791156	0.245073	-4.08044	0.993064	1.1061	1.1061	0.883844	0.906435	-1.10577	0.272569	2.1912	2.1912	0.124931	2.00096	2.00096	0.132002	1.99013	1.99013	0.0445089	4.88805	4.88805	0.204808	0.596676	-1.67595	0.667184	0.742658	-1.34651	1.75524	13.1681	6.65847	1
ap_03447985	OTUD6B	0.220016	0.5976427	0.888418	-1.1256	0.249943	0.758408	-1.31855	0.2219214	1.33245	1.33245	0.160401	0.719001	-1.39082	0.508015	0.861422	-1.1687	0.658848	0.906016	-1.10313	0.31584	1.25907	1.25907	0.090078	0.660968	-1.51293	0.126463	1.44373	1.44373	1.75522	3.17169	0.694663	1
ap_03570161	KIAA1147	0.220026	0.523104	0.906365	-1.10331	0.0139761	1.58586	1.58586	0.29644	1.17875	1.17875	0.461867	0.892452	-1.12051	0.905996	1.01811	1.01811	0.537364	1.09952	1.09952	0.361344	0.8671552	-1.1532	0.368063	0.869129	-1.15058	0.876107	1.02398	1.02398	1.75517	0.6414848	0.324873	1
ap_02720027	KIF C2	0.220027	0.853653	1.09091	1.09091	0.732824	1.74689	1.74689	0.184543	1.3813	1.3813	0.14802	0.753749	-1.32651	0.168633	1.59092	1.59092	0.974452	1.01167	1.01167	0.910353	2.34683	2.34683	0.454437	1.19206	1.19206	0.111425	1.87422	1.87422	1.75517	3.64891	1.84796	1
ap_04983186	PC;PC	0.220028	0.562192	0.930702	-1.07446	0.597453	1.06749	1.06749	0.263766	1.15346	1.15346	0.970616	1.00452	1.00452	0.832386	1.02631	1.02631	0.020786	1.731016	1.731016	1.40644	0.381566	2.695851	1.16226	0.218676	1.17181	1.17181	0.310631	1.1372	1.1372	1.75517	0.41749	0.211434	1
ap_04579194	TBC0	0.220035	0.07722921	0.330737	-3.02446	0.249866	0.263598	-3.79355	0.113134	0.263764	0.263764	0.104508	0.858956	-1.16452	0.042898	0.490532	-2.0386	0.075663	0.457071	2.18753	0.0042098	0.2050332	-4.87888	0.0196153	0.0756235	-3.90969	0.0033849	0.059134	0.178848	1.75513	2.79048	1.402821	1
ap_13808011	DGKD;DGKD	0.220042	0.30251	0.715676	-1.39728	0.024223	2.31978	2.31978	0.0770428	1.85107	1.85107	0.905643	1.03784	1.03784	0.336833	0.73334	-1.36362	0.805955	0.925812	-1.08013	0.714777	1.12182	1.12182	0.996422	1.00141	1.00141	0.622939	1.856228	-1.16791	1.7551	2.72673	1.38098	1
ap_02577623	ZKDA;ZKDA	0.220046	0.929726	1.04774	1.04774	0.589994	0.750071	-1.33121	0.868113	0.915889	-1.09184	0.258871	0.536463	-1.86406	0.126822	0.417686	-2.39414	0.0537541	3.18302	3.18302	0.0642004	0.333046	-3.00259	0.917385	0.946625	-1.05639	0.374611	0.617682	-1.61896	1.75509	7.76873	3.93459	1
ap_02034606	MRVI1;MRVI1;MRVI1;MRVI1	0.220048	0.18203	0.385004	-2.59737	0.270274	0.544536	-1.83643	0.884055	1.10276	1.10276	0.402871	0.565692	-1.76775	0.050606	0.237691	-4.20714	0.53616	0.655046	-1.5257	0.0393586	0.199927	-5.5578	0.0516361	0.224781	-4.44878	0.15601	0.607926	-1.64522	1.75508	12.6217	6.33249	1
ap_22335246	PLA2G1B	0.22005	0.331818	0.813802	-1.2288	0.984003	1.00398	0.608742	0.899207	-1.11209	0.50484	1.14942	1.14942	0.381942	1.20265	1.20265	1.20265	0.3044004	1.24468	1.24468	0.0303826	0.592323	-1.68827	0.303383	1.2453	1.2453	0.168794	1.3522	1.3522	1.75507	1.17713	0.596179	1
ap_02005763	CCDC48	0.220054	0.6765348	0.854104	-1.17048	0.702588	1.03518	1.03518	0.431884	1.10048	1.10048	0.437466	0.970949	-1.03017	0.964337	1.03688	-1.12377	0.541628	0.925254	-1.08078	0.0094958	1.51156	1.51156	0.662078	0.966318	-1.0567	0.79506	0.439445	0.222567	1.75507	0.439445	0.222567	1
ap_03108262	GTPBP2	0.220054	0.0740876	0.590654	-1.69304	0.74243	0.916642	-1.09115	0.116358	0.636756	-1.57046	0.207605	0.699462	-1.42967	0.745662	0.08991	1.08991	0.21761	1.709567	-1.40931	0.0225482	0.1485488	-2.05979	0.813488	0.993396	-1.06451	0.267897	0.736917	-1.35701	1.75505	0.94496	0.985071	1
ap_25411239	PRDM16;PRDM16	0.220062	0.883196	1.02633	1.02633	0.741997	1.06015	1.06015	0.71503	1.06698	1.06698	0.855092	0.968194	-1.03285	0.997995	1.00044	1.00044	0.040111	0.657457	-1.52101	0.0333057	1.55244	1.55244	0.905586	0.97924	-1.0212	0.283978	0.821353	-1.2175	1.75502	0.868923	0.440096	1
ap_03180671	ARMC9	0.220064	0.3715417	0.918221	-1.08906	0.2293276	1.1561	1.1561	0.762566	1.03452	1.03452	0.762566	1.04032	1.04032	0.854895	0.964173	-1.03706	0.492745	1.06692	1.06692	0.61738	1.14997	1.14997	0.425337	0.902705	-1.07864	0.205056	1.1319	1.1319	1.75497	0.240341	0.122731	1
ap_13733886	DIP2C	0.220067	0.176488	1.79776	1.79776	0.428175	1.39123	1.39123	0.68819	0.84817	-1.17901	0.555225	2.42377	2.42377	0.414034	1.40614	1.40614	0.0669544	2.23126	2.31236	0.183578	1.73787	1.77877	0.75014	0.248841	2.24881	1.68868	1.68868	1.75498	1.68868	1.75498	0.643139	2.34577	1
ap_01835580	RNASE7	0.220073	0.901	0.94781	-1.05506	0.580073	1.27213	1.27213	0.046084	0.375586	-2.6625	0.720967	1.16703	1.16703	0.294305	1.59756	1.59756	0.406306	1.4418	1.4418	0.0965527	0.455761	-2.19413	0.193443	1.80883	1.80883	0.434117	1.41021	1.41021	1.75498	5.1559	2.61144	1
ap_19963797	ALG13;ALG13;ALG13;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	f(Error
cg08275546	RET;RET	0.220339	0.184271	2.04381	0.184381	1.959139	0.074366	-1.02631	0.653141	0.795104	1.2577	0.791165	0.874142	-1.14398	0.01738308	2.97403	2.97403		0.480617	0.608526	-1.43159	0.166424	1.31246	2.31246	0.00147419	3.29266	0.8239109	-1.11958	1.75382	7.13567	3.61656	1
cg06352875	DCBLD2	0.220345	0.403865	0.622372	-1.60676	0.181505	0.454996	-2.19782	0.110983	0.381359	-2.6222	0.103538	0.37216	-2.68702	0.018679	0.205442	4.86756		0.824246	0.883831	-1.13144	0.65396	0.7784081	-1.28467	0.850116	0.900299	-1.11074	0.110456	0.38072	-2.62661	1.7538	8.56131	4.33919	1
cg22689898	CPS1	0.220345	0.090557	0.44995	-2.22247	0.207324	1.76732	1.76732	0.921684	1.04301	1.04301	0.485026	0.737961	-1.35509	0.059111	0.401455	-2.49094		0.652179	0.823399	-1.21448	0.0540976	0.3902099	-2.55038	0.9139911	1.04736	1.04736	0.5999844	0.797224	-1.25435	1.75379	5.09433	2.582	1
cg00689918	EIF2K	0.220346	0.175935	0.728345	1.37298	0.221861	1.32682	1.32682	0.833108	0.954582	-1.04758	0.603521	0.908076	-1.10123	0.038955	0.506063	-1.69301		0.564249	1.137	1.137	0.951543	1.01348	1.01348	0.573875	0.882349	-1.13334	0.0591069	0.625346	-1.59911	1.75379	1.34781	0.683123	1
cg18434028	SPRYD4	0.220352	0.685536	1.11603	1.11603	0.790765	1.70575	1.70579	0.106963	1.61719	0.905326	1.03258	1.03258	0.575036	0.581665	-1.7192			0.290799	0.742992	-1.34591	0.930878	1.03161	1.03161	0.462198	0.816917	-1.22411	0.467063	1.22133	1.82304	2.05216	0.875528	1
cg22809176	CDH6; 2NF655;2NF655;2NF655;2NF655;2NF65	0.220352	0.0750005	0.327215	-3.05651	0.355824	0.585603	1.77764	0.801441	0.867646	-1.15254	0.894263	1.0778	1.03958	0.212795	0.222934	2.51283		0.288079	0.537194	-1.86153	0.0854656	0.342623	-2.9186	0.4147192	0.410106	-2.43549	0.4883112	0.672565	-1.48685	1.75377	8.81682	4.46876	1
cg12536526	5;2NF655;2NF655;2NF655	0.220354	0.333201	0.900554	-1.11043	0.0881996	1.21831	1.21831	0.0321698	1.30129	1.30129	0.491476	0.929286	-1.0761	0.942178	0.992415	-1.00764		0.620437	0.948053	-1.05379	0.469785	0.925721	-1.08024	0.79143	1.02821	1.02821	0.2233572	1.14371	1.14371	1.75376	0.3059971	0.155081	1
cg16367511	MTTL7B	0.220356	0.167991	0.638733	-1.5656	0.251769	0.694013	-1.4409	0.927805	1.028	1.028	0.926983	0.972416	-1.02837	0.912608	0.962469	1.03764		0.0699105	0.538865	-1.85575	0.0392064	0.482899	-2.07083	0.6696015	0.538411	-1.85732	0.159227	0.629314	-1.58903	1.75373	2.585511	1.31028	1
cg25246894	SDS	0.220361	0.894506	1.04917	1.04917	0.632261	1.19058	1.19058	0.015028	0.339108	-2.94891	0.695154	1.15314	1.15314	0.94052	0.973362	-1.02737		0.547755	1.25041	1.25041	0.0963077	1.9361	1.9361	0.804819	0.914315	-1.09371	0.6350117	0.841132	-1.18887	1.75373	3.63579	1.84282	1
cg06900579	FBXO18;FBXO18	0.220362	0.914999	1.04441	1.04441	0.084715	1.52115	1.52115	0.0183355	0.644168	1.55398	0.554128	1.4166	1.4166	0.2933	1.53091	1.53091		0.543739	1.23121	1.23121	0.0513705	1.21109	1.21109	0.505095	1.25952	1.25952	0.8550942	1.06436	1.06436	1.75372	3.23145	1.63788	1
cg14656778	C11orf83;C11orf48	0.220365	0.475195	0.784506	-1.27469	0.431414	0.764609	-1.30786	0.0467589	2.14029	2.14029	0.664479	1.15703	1.15703	0.425704	1.31242	1.31242		0.962569	0.984437	-1.01581	0.0354174	0.441029	-2.26743	0.750798	1.11237	1.11237	0.853498	1.06373	1.06373	1.75371	3.10279	1.57269	1
cg18396637	TSC22D3	0.220371	0.0734766	0.62704	6.02724	0.600239	0.893251	1.16951	0.84721	1.18962	1.18962	0.511541	1.82084	1.82084	0.481429	0.525151	1.90429		0.6618516	0.63835	0.651995	0.2953598	1.74828	5.20818	0.105236	4.91991	4.91991	0.172225	3.69831	3.69831	1.75369	22.5031	11.4961	1
cg24247609	TAC01	0.220373	0.292417	1.9946	1.9946	0.650996	1.33357	1.33357	0.7711383	0.8018201	-1.20221	0.219277	2.26278	-2.26278	0.544187	1.47403	1.47405		0.167217	0.53625	-1.86525	0.0215928	0.374829	-2.66855	-5.71986	0.37454	-2.67086	-1.26137	0.924246	0.941654	-1.06196	1.75368	1.0997	5.62477	1
cg25155738	SLC44A;SLC44A4	0.220373	0.548043	1.40339	1.40339	0.786765	0.8597	-1.16251	0.824641	-1.21045	0.788697	0.860913	-1.16156	0.0381808	0.25887	-3.86294			0.115442	0.385143	-2.59644	0.872094	0.9140885	-1.09389	0.8848971	2.8929	2.8929	0.499798	1.46507	1.46507	1.75367	8.63335	4.37601	1
cg30888578	CCDC38;TMEM26;TMED5;TMED5	0.220379	0.43626	1.17403	1.17403	0.0972124	1.61658	1.61658	0.208756	1.3068	1.30689	0.643525	0.960869	-1.04072	0.384229	1.2373	1.42315		0.188985	1.32419	1.32419	0.197812	1.759617	1.31645	0.217267	1.29979	1.29979	0.144055	1.373	1.373	1.75365	1.1331	0.574348	1
cg24339032	PLEKHA6	0.220391	0.138361	0.660921	-1.51304	0.892781	1.03562	1.03562	0.802683	0.93708	-1.06715	0.553535	0.855932	-1.16832	0.15858	0.676261	-1.47872		0.0881612	0.613606	-1.62971	0.0305237	0.516952	-1.93441	0.307523	1.31545	1.31545	0.621487	0.878814	-1.1379	1.7536	1.87115	0.948475	1
cg08801179	MATN3;MATN3	0.220391	0.197792	1.73429	1.73429	0.0828421	2.18717	2.18717	0.794048	1.11066	1.11066	0.508725	1.30922	1.30922	0.699025	0.852795	-1.17261		0.97907	1.01058	1.01058	0.202628	1.16776	1.16776	0.647091	0.832346	-1.20142	0.156725	1.84746	1.84746	1.82285	4.54534	1.93942	1
cg07805981	METTL7B	0.220393	0.0574604	0.241274	-4.14447	0.146524	0.356353	-2.80621	0.140977	0.350727	-2.85122	0.0482069	0.224477	-4.4548	0.1654665	0.375737	-2.66044		0.412031	0.574704	-1.74003	0.0977981	0.300613	-3.32654	0.122832	0.330791	-3.02306	0.0258846	0.249539	-4.27511	1.75359	12.1409	6.16452	1
cg23896806	GAB3;GAB3	0.220399	0.0746291	0.323358	-3.09255	0.0749173	0.323831	-3.08303	0.763222	0.84218	-1.18739	0.0870486	2.92776	2.92776	0.984687	1.01097	1.01097		0.167741	0.433492	-2.30685	0.919409	1.05922	1.05922	0.645245	1.30153	1.30153	0.979509	1.01471	1.01471	1.75357	8.97584	4.54989	1
cg05278307	DSCAML1	0.220406	0.21734	2.14715	2.14715	0.152096	2.76567	2.76567	0.0815013	3.11441	3.11441	0.157726	2.44357	2.44357	0.342377	1.77883	1.77883		0.2704213	1.96521	1.96521	0.162092	2.36815	2.36815	0.0787777	3.16495	3.16495	0.0346952	4.2614	4.2614	1.75353	9.6267	4.8799	1
cg23738308	CA6	0.220408	0.241228	0.78604	-1.2722	0.835424	0.959498	-1.04167	0.0487306	1.55543	1.55543	0.514398	1.32691	1.32691	0.126508	1.25208	1.25208	0.101311	0.704758	-1.41893	0.737628	1.0862	1.0862	0.138476	1.36751	1.36751	0.85921	0.974471	1.02062	0.991724	1.00204	1.00204	1.75353	1.00953	0.542162	1
cg19403391	CYTH1;CYTH1	0.220408	0.0420442	0.452552	-2.52823	0.408212	1.03048	1.03048	0.802305	0.875	-1.14285	0.519982	1.12173	1.12173	0.0748845	0.519982	1.92273		0.0357534	0.559252	-1.78797	0.0332	0.4773	-2.09551	0.1424155	0.702688	1.42316	0.0266088	0.88344	-1.13212	0.822737	1.04155	1.04155	0.926688	0.88344	-1.01684	0.75353	0.934331	0.464888	1
cg00146928	A2M	0.220412	0.0618074	0.382324	-2.61559	0.865483	0.925425	-1.08059	0.433001	0.693673	-1.4416	0.021446	0.282759	-3.53658	0.42858	0.69113	-1.44691		0.151951	0.495785	-2.017	0.922941	0.956736	-1.04522	0.528758	0.746979	-1.33873	0.0817651	0.414073	-2.41504	1.75351	1.80315	2.94174	1
cg12314527	DGCR2	0.220415	0.355809	1.30619	0.836549	0.765095	1.70605	1.70605	0.0385816	1.96177	1.96177	0.204725	1.45695	1.45695	0.293721	1.35839	1.35839		0.202481	1.45998	1.45998	0.043524	1.25202	1.25202	0.0391485	1.95679	1.95679	0.138104	1.56679	1.56679	1.7535	2.19649	1.11345	1
cg20347307	ARMC2	0.220425	0.624275	0.79849	-1.25241	0.647674	0.721101	-1.38705	0.0479353	2.4753	2.4753	0.160989	1.6245	1.6245	0.0204953	1.98045	1.98045		0.495602	1.1918	1.1918	0.187181	1.513022	1.513022	0.0859862	1.770824	1.770824	0.0298662	1.70302	1.70302	1.75349	6.34277	3.21537	1
cg10815395	DDX23	0.220425	0.228086	1.22534	1.22534	0.0477586	0.695173	-1.43849	0.06115	0.712531	-1.40345	0.301964	1.18741	1.18741	0.973154	0.994609	-1.00542		0.666818	1.07205	1.07205	0.762721	1.04984	1.04984	0.708655	0.941488	-1.06215	0.329711	0.850804	-1.17536	1.75345	0.716547	0.363244	1
cg03946802	DHDH	0.220428	0.994882	0.992626	-1.00743	0.0130536	0.3911	-2.55717	0.0116621	0.143	1.143	0.537221	0.487646	-2.05907	0.1873054	0.478023	-2.09116		0.0429235	14.5568	14.5568	?	?	?	?	?	?	?	?	?	?	0.178078	5.18039	5.18039	0.76082	28.8055	18.601	1
cg07723948	OSGIN1;OSGIN1;OSGIN1	0.220432	0.0587057	2.3359	2.3359	0.309934	0.658726	-1.51808	0.782248	1.11637	1.11637	0.473494	1.33596	1.33596	0.499798	0.767139	-1.31279		0.211655	0.592872	-1.68671	0.095035	0.482469	-2.07267	0.254664	0.623415	-1.60407	0.538962	1.28036	1.28036	1.75342	2.38364	2.22227	1
cg25675772	ZBTB38	0.220436	0.0980788	1.76201	1.76201	0.0460605	2.0414	2.0414	0.731486	1.11352	1.11352	0.468534	1.25889	1.25889	0.7338	1.11244	1.11244		0.868081	1.05326	1.05326	0.196219	0.652693	-1.53211	0.062428	1.92451	1.92451	0.95698	0.983301	-1.01698	1.75341	2.70626	1.37194	1
cg26108843	RBM51;RBM51	0.220436	0.0887112	1.25836	1.25836	0.0135096	2.36466	2.36466	0.395141	1.27583	1.27583	0.0996125	2.1925	2.1925	0.0990125	1.4634	1.4634		0.0729404	1.96521	1.96521	0.162092	2.36815	2.36815	0.0787777	3.16495	3.16495	0.0346952	4.2614	4.2614	1.75353	9.6267	4.8799	1
cg23814881	TRIM26	0.220438	0.0719303	0.619821	-1.61337	0.795103	0.9399	-1.06394	0.663912	0.901113	-1.10974	0.545058	1.15705	1.15705	0.983519	1.00493	1.00493		0.613058	1.12914	1.12914	0.0279609	1.85606	1.85606	0.228317	0.739973	-1.3514	0.788827	1.06602	1.06602	1.7534	1.57516	0.798531	1
cg17638441	ST5;ST5;ST5;ST5;ST5	0.220442	0.177453	1.27145	1.27145	0.0220947	1.53213	1.53213	0.382601	1.13853	1.13853	0.222307	1.94334	1.94334	0.0222604	1.51317	1.51317		0.132725	1.83557	1.83557	0.0123264	2.31732	2.31732	0.0355826	2.8025	2.8025	0.0168742	4.67832	4.67832	1.75339	13.5994	6.97782	1
cg21656297	ACTR3	0.220443	0.286339	0.6505	-1.53728	0.677253	0.849965	-1.17652	0.434563	1.36295	1.36295	0.763349	0.889341	-1.12443	0.619027	0.823101	1.21492		0.0594257	0.437632	-2.28502	0.945943	0.974009	-1.02668	0.57473	0.802378	-1.2463	0.0144865	0.310373	-3.22193	1.75337	1.87858	2.12344	1
cg27620176	GRAMD4	0.220443	0.231508	1.35332	1.35332	0.246432	1.90837	1.90837	0.76409	1.07522	1.07522	0.420651	1.21939	1.21939	0.0963015	1.55311	1.55311		0.920371	0.976181	-1.0244	0.17313	0.703869	-1.42072	0.770947	1.07292	1.07292	0.497268	1.18075	1.18075	1.75337	1.61413	0.818298	1
cg20750743	TESC;TESC;TESC	0.220445	0.522057	1.14506	1.14506	0.528283	0.908712	1.03048	0.844814	1.04843	1.04843	0.86328	1.34128	1.34128	0.193998	1.43212	1.43212		0.316368	1.18985	1.18985	0.0447303	1.37088	1.37088	0.0429557	1.75897	1.75897	0.0090939	1.07463	1.07463	1.75337	0.927992	0.470355	1
cg10455753	GLIK3	0.220445	0.511092	0.841794	-1.18794	0.386986	1.2575	1.2575	0.111453	1.56512	1.56512	0.82622	0.94477	-1.05846	0.0612332	0.579858	-1.72456		0.0529206	0.566434	-1.76543	0.525666	0.846908	-1.18077	0.859736	0.955326	-1.04676	0.80313	0.937497	-1.06667	0.73534	1.85391	0.939874	1
cg27640833	KIAA1257	0.220453	0.223806	1.3537	1.3537	0.0756682	1.59766	1.59766	0.279745	1.31243	1.31243	0.511992	0.860704	-1.16384	0.4457327	1.20084	1.20084		0.42833	1.2934	1.2934	0.795654	1.14179	1.14179	0.8989465	1.02297	1.02297	?	?	?	?	?	?	?	?	?	?	0.103097	?	?	1
cg12933162	COL15A1	0.220453	0.144561	0.53335	-1.87494	0.931156	1.03526	1.03526	0.017052	0.311439	-3.21091	0.23538	0.607255	-1.64675	0.133768	0.522757	-1.91293		0.388888	0.707149	-1.4251	0.220567	0.596563	-1.67627	0.565543	1.26236	1.26236	0.816689	0.911072	1.09761	1.75333	4.6673	2.26479	1
cg25502818	CUL3	0.220454	0.19124	0.615927	-1.62357	0.0912124	0.521251	-1.91846	0.895525	0.955029	-1.04709	0.279506	1.48254	1.48254	0.549473	0.808876	-1.23628		0.988188	0.994829	-1.0052	0.19177	1.62252	1.62252	0.0621092	2.08673	2.08673	0.85919	1.06417	1.06417	1.75333	3.40617	1.72684	1
cg19960891	MACROD1	0.220455	0.290318	1.28884	1.28884	0.175323	1.58376	1.58376	0.203643	1.32687	1.32687	0.4113	1.14644	1.14644	0.0395704	1.64641	1.64641		0.563576	1.12123	1.12123	0.0975945	1.44664	1.44664	0.0498488	2.0329	2.0329	0.0178078	3.18039	3.18039	1.75332	8.16972	4.24471	1
cg01106640	ACTR3B;ACTR3B	0.220457	0.493406	1.17162	1.17162	0.3001051	1.78675	1.7875	0.193765	1.36398	1.36398	0.879876	1.01504	1.01504	0.645874	0.900001	-1.11111		0.653296	1.0845	1.0845	0.0656059	0.625885	-1.59774	0.830139	0.952256	-1.05014	0.605393	1.12601	1.12601	1.75331	1.43994	0.730018	1
cg05744264	CD4ANB;CD4ANB	0.220458	0.460809	0.824599	-1.21251	0.5212	0.52194	-1.91583	0.0455003	2.42926	2.42926	0.667636	1.24579	1.24579	0.0506262	2.02183	2.02183		0.380941	1.29524	1.29524	0.0449188	1.55955	1.55955	0.0220184	2.34881	2.34881	0.0240992	2.62193	2.62193	1.75331	3.84902	2.04964	1
cg21639968	UBE2M;UBE2M;LOC100131691	0.220461	0.265933	0.579708	-1.72501	0.711942	0.841865	-1.18784	0.0175358	0.236155	-4.23458	?	?	?	0.682921	0.826393	-1.21008		0.610207	0.787441	-1.26994	0.0868103	0.4028664	-2.48223	0.141888	0.471677	-2.1201	0.261591	0.576495	-1.73462	1.9238	5.53847	2.15919	1
cg04245026	ADAM32	0.220462	0.041266	0.516782	-6.01715	0.0725423	0.1938	1.1938	0.760902	0.796955	1.25496	0.203643	0.354069	-2.8243	0.0214203	0.441572	-2.26455		0.0429235	14.5568	14.5568	?	?	?	?	?	?	?	?	?	?	0.178078	5.18039	5.18039	0.76082	28.8055	18.601	1
cg08770945	SKIV2L;SKIV2L;RDBP	0.220464	0.457964	0.887707	-1.12624	0.210868	0.812757	1.23038	0.127909	1.05881	1.05881	0.414504	1.14021	1.14021	0.0635384	0.692844	-1.00721		0.959328	1.00805	1.00805	0.0159645	0.626896	-1.59569	0.977336	1.00448	1.00448	0.240671	1.23116	1.23116	1.75328	0.687093	0.348346	1
cg16196713	BOP1;HSF1	0.220466	0.772281	0.9316	-1.07342	0.6606193	1.6762	1.6762	0.388976	1.24057	1.24057	0.0272855	0.528455	-1.89231	0.590187	0.875677	-1.14197		0.584688	1.14427	1.14427	0.78439	0.935227	-1.06926	0.603733	0.879979	-1.13639	0.576831	0.871403	-1.14757	1.75327	1.65554	0.83934	1
cg00353659	CYP39A1	0.220468	0.0097981	0.808358	1.23755	0.0193527	1.49151	1.49151	0.0196481	0.511173	0.431723	0.0923838	1.11273	1.11273	0.0421887	0.783848	-1.12002		0.0242187	0.749375	0.749375	0.0159645	0.626896	-1.59569	0.977336	1.00448	1.00448	0.240671	1.23116	1.23116	1.75327	1.24751	0.542625	1
cg10745410	HLA-DQB2	0.220471	0.317222	1.78646	1.78646	0.122955	1.55452	1.55452	0.844762	1.11309	1.11309	0.0833937	2.93156	2.93156	0.0405042	3.635	3.635		0.998548	0.998979	-1.00102	0.838548	0.891819	-1.1213	0.0588706	3.31145	3.31145	0.189692	2.18057	2.18057	1.75325	8.74526	4.44379	1
cg19545137	JDP2;JDP2;JDP2;JDP2	0.220472	0.97776	0.980228	-1.12356	0.220947	2.14482	2.14482	0.0228014	0.92819	1.43818	0.579843	1.2888	1.2888	0.719925	1.08318	1.08318		0.106071	2.22737	2.22737	0.0159552	2.12561	2.12561	0.0135108	2.64096	2.64096	0.0041195	5.71576	5.71576	1.75326	2.89786	1.47	1
cg29955551	SLC12A7	0.220485	0.9897112	1.0076	1.0076	0.0234476	4.90684	4.90684	0.0228034	0.80978	1.80978	0.503754	1.48983	1.48983	0.335155	0.557569	-1.79318		0.214284	2.15594	2.15594	0.0138976	3.26196	3.26196	0.0255431	2.80894	2.80894	0.0171476	4.15785	4.15785	1.75326	5.53795	2.85813	1
cg05923595	ADC	0.220490	0.154974	0.642215	-1.55711	0.300428	0.212619	2.12619	0.135649	2.02051	2.02051	0.012621	0.732395	0.732395	0.0907492	0.815722	-1.22591		0.161068	3.04979	3.04979	0.524363	0.619729	-1.61361	0.294782	0.446715	-2.23856	0.500706	1.66013	1.66013	1.75317	15.2717	7.74305	1
cg06956652	WRB;SMPDL3B	0.220491	0.262182	1.28145	1.28145	0.0914791	1.6251	1.6251	0.0416457	0.724476	1.38046	0.0134814	1.01324	1.01324	0.0897582	1.10334	1.10334		0.74168	1.34963	1.34963	0.185105	1.13396	1.13396	0.321782	1.74323	1.74323	1.34551	0.631448	0.869024	1.15089	1.73357	0.869024	1
cg23735745	GALNT2	0.220492	0.162933	0.396987	-2.51898	0.0109975	0.138223	-7.23471	0.0901041	0.3139	-3.18572	0.303518	0.516306	-1.93684	0.813195	0.863433	-1.15817		0.375672	0.568948	-1.75763	0.537384	0.678827	-1.47313	0.363544	0.56033	-1.78466	0.94178	1.06435	1.06435	1.75316	10.6835	5.41674	1
cg08847783	ZNF569;ZNF569	0.220495	0.224385	1.3537	1.3537	0.0756682	1.59766	1.59766	0.279745	1.31243	1.31243	0.511992	0.860704	-1.16384	0.4457327	1.20084	1.20084		0.634376	0.802679	-1.12022	0.366487	0.802651	-1.24593	0.753835	0.753807	-1.32644	0.0786476	1.58855	1.58855	1.75314	1.55908	0.790404	1
cg12779126	DA23;MRPL9	0.220501	0.282967	0.499065	-2.00375	0.176639	0.346903	-2.88265	0.20506	0.434737	-2.30024	0.463518	0.628225	-1.59179	0.0545203	0.256927	3.89216		0.761655	2.0867	2.0867	0.0258794	0.192441	-5.1964	0.881105	1.09773	1.09773	0.751039	0.820123	1.21933	1.75312	0.76767	0.546412	1
cg22874802	EPHA3	0.220501	0.585473	1.21347	1.21347	0.0353032	0.42266	-2.36597	0.461122	0.768286	-1.3016	0.387864	0.732767	-1.36469	0.723206	1.13307	1.13307		0.148033	1.7249	1.7249	0.214724	1.58225	1.58225	0.997634	1.00104	1.00104	0.243965	1.53459	1.53459	1.75312	3.42688	1.73754	1
cg04160959	C12orf56;C12orf56	0.220503	0.0294217	1.56782	-1.56782	0.0109336	2.16727	2.16727	0.0279958	0.68435	-1.46278	0.0698926	1.16227	1.16227	0.0279958	0.68435	-1.46278		0.0865031	1.0161	1.0161	0.0131795	1.64556	1.64556	0.0150798	1.7494	1.7494	0.0076104	2.14025	2.14025	1.75312	7.69645	3.90264	1
cg20662725	ZNF257	0.220507	0.822787	1.11564	1.11564	0.057337	0.347356	-2.87889	0.773896	1.15086	1.15086	0.491131	1.40656	1.40656	0.190228	0.50999	-1.96082		0.0541226	2.04959	2.04959	0.353624	0.627141	-1.59454	0.780947	1.14567	1.14567	0.560752	1.33234	1.33234	1.7531	6.60704	3.35003	1
cg16178449	RBP1;RBP1;RBP1	0.220508	0.166886	0.6107	-1.63768	0.120947	0.244482	4.0912	0.0228373	0.27859	-3.58951	0.154164	0.619917	-1.62889	0.0178744	0.629623	-1.58925		0.474415	0.609453	-1.64107	0.0408954	0.643212	-1.55434	0.0822095	0.640558	-1.56124	0.0359491	0.640958	-1.56014	1.75304	1.64826	0.826	1
cg02636057	MED13	0.220511	0.357427	0.790008	-1.26581	0.513159	0.847752	-1.17959	0.472434	1.19964	1.19964	0.676035	0.900625	-1.11034	0.910856	1.02829	1.02829		0.0119403	0.45783	2.18422	0.210043	1.38956	1.38956	0.523271	0.851195	-1.17482	0.64178	0.889868	1.12376	1.75308	1.72217	0.873216	1
cg10795119	ORAI2;AUKBH4;ORAI2	0.220515	0.48639	1.19183	1.19183	0.779691	0.932783	-1.07206	0.76891	0.929504	-1.07584	0.0973839	1.57047	1.57047	0.514265	1.16904	1.16904		0.814656	1.06	1.06	0.1059321	2.21104	2.21104	0.101185	0.94204	-1.06153	0.650399	0.892961	-1.11987	1.75308	1.70952	0.866802	1
cg00555268	PRKCB5	0.220515	0.9771332	1.01554	1.01554	0.0131793	1.56851	1.56851	0.289293	1.28729	1.28729	0.0476427	2.42049	2.42049	0.0305135	2.51221	2.51221		0.314523	1.3147	1.3147	0.0762227	1.92241	1.92241	0.0295744	2.06776	2.06776	0.0141488	2.47415	2.47415	1.75307	3.82109	2.02208	1
cg06474219	POLR3C;POLR1C	0.220515	0.580934	0.833517	-1.19974

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Probeset ID	UCSC_REFGENE_NAME NCKAP5L:LOC102686844:LOC100286844	p-value(Test)	Fold-Change(1-vs. N)	p-value(1047 vs. N)	Fold-Change(1-vs. 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs. 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs. 217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 37 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Error)	SS(Test)	SS(Error)	F(Error)
cg08606453	4;LOC100286844	0.220755		0.645636	0.845067	-1.18334	0.0941511	1.95247	1.95247	0.506037	0.78245	-1.27804	0.9814361	1.0085	1.0085	0.548212	1.2472	1.2472		0.6683272	1.16962	1.16962	0.943906	1.02591	1.02591	0.324859	1.44721	1.44721	0.0125058	3.09453	3.09453	5.7523	3.66793	1.86091	1
cg21098856	PSMF1;PSMF1	0.220758		0.6816	1.07353	1.07352	0.900388	0.976694	-1.02177	0.314304	1.19597	1.19597	0.103152	1.35878	1.35878	0.122674	0.750221	-1.3333		0.505365	0.890269	-1.12326	0.0730257	0.709027	-1.41038	0.584067	1.09974	1.09974	0.266705	1.22019	1.22019	1.75202	0.8206669	0.416367	1
cg22778421	GPR19	0.220759		0.180265	0.322429	-1.10146	0.299328	2.35282	2.35282	0.13158	3.6502	3.6502	0.352582	1.94017	2.14017	0.0313775	0.134218	-7.45057		0.8387221	0.850354	-1.17508	0.6490454	0.69459	-1.4397	0.945154	1.05625	1.05625	0.959425	0.96034	-1.0413	1.75201	17.5565	8.90791	1
cg06087457	C5orf162;C5orf162;GJB7	0.220761		0.0279571	0.132664	-7.53783	0.0864588	0.229267	-4.36173	0.216516	0.363718	-2.74938	0.179073	0.329551	-3.03443	0.0959306	0.241217	-4.14565		0.137947	0.288721	-3.46355	0.127619	0.277821	-3.59944	0.540316	0.617478	-1.61949	0.30597	0.438534	-2.28033	7.35201	16.7826	8.51471	1
cg02051941	GMFB	0.220768		0.396065	0.719127	-1.39058	0.193432	1.68993	1.68993	0.0711699	2.44819	2.44819	0.637355	1.19738	1.19738	0.667317	0.848701	-1.17827		0.7817566	0.90001	-1.1111	0.06250935	0.451445	-2.21511	0.253048	0.635795	-1.57283	0.510847	0.776459	-1.2879	0.75198	3.99339	2.0261	1
cg22871870	TSPAN3;TSPAN3;TSPAN3	0.220768		0.247316	0.524383	-1.907	0.5906602	0.748394	-1.33619	0.669865	0.795433	-1.25738	0.641763	1.28408	1.28408	0.0571113	0.317047	-3.15411		0.100382	0.382676	-2.61318	0.104608	0.388034	-2.57709	0.461681	1.49167	1.49167	0.0819849	0.357556	-2.79676	7.15197	7.90245	4.00942	1
cg09497127	NFATC3;NFATC3;NFATC3;NFATC3	0.220771		0.0151424	0.28143	-3.55141	0.543791	1.27721	1.27721	0.0448564	2.459898	2.459898	0.848604	1.07907	1.07907	0.8116502	1.09975	1.09975		1.26948	1.26948	0.961658	0.9490042	-1.04272	0.5596836	1.23699	1.23699	0.75196	4.3995	2.23216	1
cg21824783	TSSK2;DGCR14;TSSK2 NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;	0.220773		0.6629452	0.307768	3.2492	0.415357	0.625653	-1.59833	0.204452	0.407343	-2.45741	0.112672	0.706765	0.835688	-1.19662	0.6850795	2.278837	3.65181		0.2176508	0.481609	-2.07637	0.0387121	0.259627	-3.85169	0.842325	0.893877	-1.11872	0.20866	0.473982	-2.10978	7.15195	8.80403	4.4669	1
cg06061208	FTSJ2;NUDT1;NUDT1	0.220775		0.138751	1.19244	1.19244	0.0604367	1.26343	1.26343	0.266764	1.13631	1.13631	0.809553	0.973687	-1.02702	0.557632	1.06768	1.06768		0.148376	1.18674	1.18674	0.116581	0.828356	-1.20721	0.535607	0.933064	-1.07174	0.887859	1.0157	1.0157	1.75195	0.338425	0.171707	1
cg01444541	TMEM86A	0.220775		0.306923	1.16771	1.16771	0.0205713	1.50516	1.50516	0.0658491	1.35329	1.35329	0.395732	1.13597	1.13597	0.491784	1.10777	1.10777		0.9298982	0.987184	-1.01298	0.6217704	1.07563	1.07563	0.851375	1.02788	1.02788	0.0628151	1.35912	1.35912	7.15194	0.596179	0.302485	1
cg14114931	LMF2 NEURL2;CTSA;CTSA;CTSA;CTSA;CTSA;C	0.220776		0.483684	0.804574	-1.24289	0.1911132	0.655191	-1.52627	0.876577	0.95363	-1.04862	0.416244	0.775828	-1.28894	0.0104238	0.373356	-2.67841		0.289102	1.39956	1.39956	0.865275	1.05324	1.05324	0.980042	0.992387	-1.00767	0.586257	0.845449	-1.1828	1.75194	2.5894	1.31379	1
cg25241845	TSA;NEURL2	0.220778		0.57422	0.902567	-1.10795	0.785534	0.951102	-1.05049	0.653402	0.917366	-1.09008	0.606008	1.09851	1.09851	0.227623	0.914325	-1.0937		0.0551544	0.675298	-1.48083	0.0129791	0.573076	-1.74497	0.517115	0.888161	-1.12592	0.719282	1.06735	1.06735	1.75193	0.904774	0.459061	1
cg00528169	GIOP1	0.220779		0.462501	1.58112	1.58112	0.0153134	2.21852	2.21852	0.0400039	1.47206	1.47206	0.563641	1.42989	1.42989	0.0874309	0.851193	-1.17482		0.1035911	0.95445	-1.04772	0.979186	1.01611	1.01611	0.323691	1.86702	1.86705	0.7923359	1.1754	1.1754	1.75193	10.4109	5.33226	1
cg20181887	CDK2AP1	0.220781		0.765551	0.75756	-1.32003	0.013372	0.0581536	-17.1958	0.191018	0.276527	-3.61628	0.594138	1.64763	1.64763	0.214693	0.297386	-3.36263		0.331448	0.394419	-2.53537	0.19229	0.277665	-3.60146	0.172645	0.259875	-3.84801	0.779189	0.770305	-1.29819	0.76192	23.918	12.1355	1
cg07084801	TIPIN	0.220783		0.762168	0.959228	-1.04251	0.6022468	0.745869	-1.33557	0.470998	1.1058	1.1058	0.374089	1.13529	1.13529	0.35708	1.13871	1.13871		0.679417	0.944604	-1.05864	0.6436779	0.723757	-1.38145	0.519422	0.828085	-1.20761	0.6904993	0.946589	-1.05642	1.75191	0.521862	0.264784	1
cg01709532	MYSM1;VPS28	0.220783		0.702708	0.97382	-1.02682	0.2607444	0.815757	-1.22586	0.704899	1.07323	1.07323	0.196679	0.776051	-1.28858	0.396925	0.851193	-1.17482		0.0225547	0.60209	-1.66088	0.274476	1.23515	1.23515	0.673886	0.924397	-1.08179	0.332227	1.20418	1.20418	1.75191	0.957192	0.485662	1
cg08666633	LAMP1	0.220792		0.182196	0.614258	-1.62798	0.496819	1.26803	1.26803	0.439459	0.762314	-1.31179	0.679975	0.866956	-1.15346	0.0351471	0.429693	-2.32725		0.291665	0.686191	-1.45732	0.0500511	0.463439	-2.15778	0.451384	0.767891	-1.30227	0.108222	0.54708	-1.82789	1.75187	3.28706	1.66783	1
cg17003375	NIXP	0.220799		0.214232	0.424389	-2.35633	0.328828	1.95014	1.95014	0.552745	0.674597	-1.48237	0.0890695	1.41824	1.41824	0.086313	1.01131	1.01131		0.0327962	0.194597	-5.13882	0.375208	0.557059	-1.79504	0.185364	0.926822	-1.07896	0.908839	0.921542	-1.08514	1.75184	11.9202	6.04836	1
cg17315454	CL24.2	0.220799		0.455258	1.23356	1.23356	0.937089	1.02203	1.02203	0.0705374	0.572458	-1.74685	0.93088	1.02423	1.02423	0.731307	0.90925	-1.09981		0.809865	0.935638	-1.06879	0.0158847	0.540563	-1.84141	0.124704	1.5821	1.5821	0.244771	0.714752	-1.39909	1.75184	2.11347	1.07238	1
cg23730222	NXN	0.220805		0.859709	0.944889	-1.05821	0.644657	1.08204	1.08204	0.163124	0.963694	0.51338	-1.94788	1.731961	1.51634	0.0732459	0.752833	-1.89454		0.11086	0.573739	-1.74295	0.907493	1.03788	1.03788	0.121904	1.59286	1.59286	0.767348	1.10028	1.10028	1.75182	2.83808	1.44008	1
cg01338834	HMGN1;HMGN1	0.220806		0.538333	0.920775	-1.08604	0.00901958	0.644163	-1.5524	0.152309	0.816167	-1.22524	0.699911	1.05265	1.05265	0.694207	0.948999	-1.05374		0.4663571	1.10319	1.10319	0.543858	0.921832	-1.0848	0.550918	0.923175	-1.08322	0.926085	0.987782	-1.01237	1.75181	0.486956	0.247087	1
cg07826387	CHMP1 MAPT;MAPT;LOC100128977;LOC10013	0.220810		0.694717	0.907905	-1.10144	0.0980638	1.56972	1.55972	0.49229	1.18629	1.18629	0.836415	1.05195	1.05195	0.207258	0.721973	-1.38509		0.507151	1.1792	1.1792	0.532455	1.23526	1.23526	0.812826	1.17191	1.17191	0.214528	1.37723	1.37723	1.75179	1.66469	0.84469	1
cg13137533	0148;MAPT;MAPT;MAPT;MAPT	0.220281		0.648765	0.73853	-1.35404	0.694032	1.29856	1.29856	0.771907	0.82531	-1.21167	0.133687	3.16262	3.16262	0.227558	0.430575	-2.32248		?	?	?	0.0593994	4.18741	4.18741	0.359865	1.86677	1.86677	0.228731	0.431593	-2.317	1.82741	10.9795	5.2572	1
cg04527918	UCN	0.220781		0.717403	0.842	-1.18813	0.144123	0.710566	1.40143	0.28743	0.637844	2.18028	2.18028	0.667883	1.16873	0.723882	0.861752	-1.16144		0.676164	1.16495	1.16495	0.127981	0.59438	-1.68243	0.210682	1.38585	1.38585	0.0116	1.61505	1.61505	0.339933	1.42971	1.42971	0.737179	3.66509	3.66509	1.85973	1
cg20088138	CCDC40;TBC1D16	0.220782		0.0134	0.528495	1.08353	0.013316	1.36953	1.36953	0.287134	1.14753	1.14753	0.967799	1.00504	1.00504	0.901601	0.96741	-1.03369		0.328772	0.882059	-1.13371	0.326711	0.848155	-1.11436	0.407714	1.1112	1.1112	0.0180107	1.27359	1.27359	1.75178	4.03009	0.218236	1
cg18310683	TET1	0.220814		0.398064	1.17939	1.17939	0.579232	0.898694	-1.11273	0.938769	1.01476	1.01476	0.910458	0.976775	-1.02168	0.727149	0.935182	-1.06908		0.78313	1.05402	1.05402	0.0288454	1.63474	1.63474	0.0423598	1.56182	1.56182	0.355674	0.834286	-1.19863	1.75178	1.00892	0.511948	1
cg00185254	TPP2	0.220783		0.137331	0.808914	-1.23625	0.0926145	0.726172	-1.37617	0.163771	1.23693	1.23693	0.0855006	0.941989	0.941989	0.731454	1.0656	1.0656		0.955571	0.926545	-1.07943	0.7006	1.02095	1.02095	0.75171	0.487073	0.06	-1.42251	0.44521	0.487073	0.06	1.75176	0.247161	1
cg19704805	LMO3;LMO3	0.220831		?	?	?	0.75496	1.37294	1.37294	0.961351	0.952366	-1.05002	?	?	?	0.460846	0.934712	-1.06985		0.452502	0.459948	-2.17416	0.0249041	0.0622341	-16.0683	0.291372	0.34038	0.34038	0.280594	0.13183	0.13183	1.83586	22.6575	12.347	1
cg10699881	WFS1;WFS1	0.220789		0.77302	1.08799	1.08799	0.1932107	0.976568	1.02399	0.955159	1.09554	1.09554	0.943423	0.979515	1.02091	0.885372	0.868007	-1.15203		0.2386212	0.997722	-1.4324	0.9940602	0.973009	-1.02986	0.8544447	1.88834	1.88834	0.1757	2.49007	2.49007	1.75176	4.54197	2.30476	1
cg04557018	ZIC4;ZIC4;ZIC4	0.220835		0.0738092	0.179568	-5.56893	0.151548	0.266053	-3.75865	0.815548	1.22306	1.22306	0.228505	0.336528	-2.97152	0.0660036	0.169105	5.91348		0.0986289	0.210015	-4.76156	0.218414	0.327746	-3.05114	0.430594	0.49996	-2.00016	0.0642256	0.166647	-6.00072	1.75169	20.5996	10.4532	1
cg09731996	IRX1	0.220784		0.14944	0.399878	-2.50076	0.0584045	0.281341	-3.55441	0.482028	0.654588	-1.52768	0.252898	0.942428	-2.03026	0.235697	0.47858	-2.08952		0.532214	0.687161	-1.45526	0.0139816	0.165309	-6.04926	0.484981	0.656517	-1.52319	0.298478	0.527778	-1.89474	1.75166	9.75593	4.95069	1
cg18983672	FOXE3	0.220846		0.827627	1.08418	1.08418	0.193103	0.674563	-1.48277	0.0844373	1.21403	1.21403	0.426055	1.34714	0.869216	0.566422	1.02006	1.02006		0.1618408	0.75716	-1.32079	0.2217569	0.640221	-1.56206	0.161396	0.835393	-1.19704	0.0217504	0.402221	-2.48662	0.831199	0.931458	-1.07359	0.73164	3.60896	1.55758	1
cg15097422	FBLN2;FBLN2	0.220849		0.667478	0.803066	-1.24523	0.0590246	2.95021	2.95021	0.935961	0.960043	-1.04162	0.310296	1.7036	1.7036	0.501408	0.707334	-1.41376		0.166127	0.472683	-2.11558	0.356159	0.618024	-1.61806	0.715775	0.830638	-1.20389	0.0656693	0.350606	-2.8522	1.75163	7.1436	3.62512	1
cg17327665	ABCF1;ABCF1;MIR877	0.220851		0.360454	0.816104	-1.22504	0.133132	0.7309	-1.3316	0.0430054	0.655115	-1.52645	0.6405838	0.97394	0.97394	0.870127	0.923723	-1.08273		0.355562	0.648317	-1.54291	0.7462484	1.00244	1.00244	0.991252	0.955882	-1.04602	0.7156	0.907858	-1.10194	1.75162	0.609704	0.346293	1
cg20996314	HRJHR	0.220852		0.350676	0.667504	-1.49812	0.0828232	2.42932	2.24932	0.31983	1.54122	1.54122	0.170747	1.84744	1.84744	0.143202	0.431321	-2.31749		0.835624	0.09137	0.062109	0.413205	-2.4201	0.999571	0.999774	-1.00023	0.525326	0.762741	1.31106	1.75161	0.91222	2.4928	1
cg22886694	C7orf55	0.220853		0.137291	1.36499	1.36499	0.458847	1.15793	1.15793	0.535101	1.12988	1.12988	0.833697	0.959949	-1.04172	0.992638	0.998208	-1.0018		0.787017	1.05406	1.05406	0.0319729	0.613504	-1.62998	0.11427	1.39651	1.39651	0.331728	1.21493	1.21493	1.75161	1.04852	0.532094	1
cg19444508	CABP1;CABP1;CABP1	0.220853		0.820587	1.01486	1.0149	0.265119	2.39223	2.45023	0.253808	0.89866	-1.11294	0.5084	0.67808	1.39539	0.0001	0.0001	0.0001		0.809308	0.329799	-3.03151	0.543716	0.622327	-1.60687	0.719404	1.32102	1.32102	0.912173	1.08888	1.08888	1.75161	16.5251	8.38398	1
cg10588770	PSIP1 FAM123C;FAM123C;FAM123C;FAM123	0.220855		0.157531	0.871414	-1.14756	0.144749	1.15332	1.15332	0.437144	1.07485	1.07485	0.809094	0.978199	-1.02229	0.264415	0.899486	-1.11175		0.6225307	1.04623	1.04623	0.164879	1.07486	1.07486	0.059192	1.23183	1.23183	0.7516	1.23068	1.23068	0.116753	1
cg23606718	C;FAM123C;FAM123C	0.220858		0.298457	1.24735	1.24735	0.240204	0.777101	-1.28683	0.0756884	1.5	1.5	0.651204	1.09783	1.09783	0.326412	0.812382	-1.23095		0.629902	0.905225	-1.1047	0.361989	0.825177	-1.21186	0.109305	0.690018	-1.43058	0.18719	0.750744	-1.33201	0.15519	1.16671	0.592077	1
cg25445985	PIBRT1	0.220859		0.367357	2.09278	2.09278	0.125992	0.73207	-1.36607	0.30859	1.32233	1.32233	0.189842	1.28028	1.28028	0.167865	1.14655	1.14655		0.269823	2.50366	2.50366	0.0397389	2.95413	2.95413	0.0208189	3.47275	3.47275	0.0138181	7.34672	7.34672	0.0538181	5.74678	2.75158	1
cg23511432	GFRA3	0.220863		0.178965	0.390992	-2.5576	0.157768	0.787979	-1.26907	0.545642	0.229773	-4.35211	0.370214	1.81802	1.81802	?	?	?		2.227166	2.29399	2.29399	0.177596	2.56649	2.56649	0.0144004	2.01789	2.01789	0.163714	1.10658	4.16276	1.0015	0.0264568	4.16276	1
cg01650965	TMCO7	0.220862		0.79498	0.976133	-1.02445	0.307565	0.906668	-1.10294	0.107178	0.849482	-1.17719	0.24198	0.892611	-1.12031	0.011326	0.74515	-1.34201		0.44557	0.930407	-1.0748	0.175825	0.875006	-1.14285	0.174718	0.874668	-1.14329	0.423395	0.926956	-1.0788	0.71517	0.238721	0.121146	1
cg00883505	NEK5	0.220864		0.27577	0.788102	-1.26837	0.0926145	0.726172	-1.37617	0.163771	1.23693	1.23693	0.0855006	0.941989	0.941989	0.731454	1.0656	1.0656		0.7922856	0.943516	0.943516	0.0598986	0.950401	-1.05198	0.707307	0.748127	0.748127	0.0148466	0.482395	0.748127	0.748127	0.0148466	1.75175	1.32952	0.547037	0.874365	-1.14369	0.17656	1.3464	0.683275	1
cg14935671	ADCK5	0.220887		0.0345569	2.24534	2.24534	0.832901	0.1718	1.0718	0.222104	1.52368	1.52368	0.262704	0.68165	-1.46703	0.529844	0.8115	-1.23229		0.128685	0.583393	-1.71411	0.441057	1.29412	1.29412	0.990971	1.00372	1.00372	0.486405	0.792867	-1.26125	1.75154	2.9878	1.51628	1
cg15564246	RASA3	0.220887		0.9525651	1.02436	1.02436	0.0859802	0.474523	-2.09982	0.0339089	0.367146	-2.72371	0.0440821	0.974401	-1.02618	0.95101	1.00228	1.00228		0.8309075	0.956726	1.09085	0.8819025	1.1815	1.1815	0.419543	0.726893	-1.37572	0.8802	1.06292	1.06292	1.75153	4.54597	2.30476	1
cg26284502	PBX2	0.220874		0.672403	1.18998	1.18998	0.0429658	2.59224	2.59224	0.994179	1.22269	1.22269	0.313915	1.5445	1.5445	0.316455	0.814729	-1.23735		0.623458	1.22429	1.22429	0.1437665	1.91596	1.91596	0.554015	1.792867	1.27736	0.952088	1.02488	1.02488	1.75152	6.4392	3.35438	1
cg04942380	MBD4	0.220877		0.45925	1.18502	1.18502	0.243178	0.546267	-1.83061	0.0685244	0.631677	-1.58309	0.474541	0.848884	-1.17802	0.903139	0.972946	-1.02781		0.39593	1.12635	1.12635	0.542436	1.14902	1.14902	0.718723	1.08489	1.08489	0.612395	0.891276	-1.12199	1.75151	1.40783	0.714473	1
cg26507592	PPT2;PPT2	0.220878		0.3483911	0.8181	1.0181	0.1983103	0.674563	-1.48277	0.0844373	1.18753	1.18753	0.752102	0.964304	0.964304	0.876574	0.942323	-1.06116		0.1619488	0.71954	0.442532	-1.39006	0.1025235	0.171506	0.889759	1.08539	1.08539	0.0509884	1.28517	1.28517	0.773824	0.95149	-1.05088	0.8425	0.841488	0.842705	1.75151	2.42056	1
cg07949011	KANK4	0.220884		0.19884	1.85529	1.85529	0.296967	1.63593	1.63593	0.874776	1.07443	1.07443	0.63637	1.24208	1.24208	0.238961	1.7531	1.7531		0.894587	1.0622	1.0622	0.0121968	4.12427	4.12427	0.238335	2.1133	2.1133	0.132393	2.09418	2.09418	1.75148	5.7478	2.91706	1
cg00845900	CHAC1;CHAC1;CHAC1	0.220885		0.360454	0.816104	-1.22504	0.133132	0.7309	-1.3316	0.0430054	0.655115	-1.52645	0.6405838	0.97394	0.97394	0.870127	0.923723	-1.08273		0.3192608	1.18991	1.18991	0.0162614	1.79217	1.79217	0.0179327	0.983118	-1.01925	0.4484624	1.16576	1.16576	1.75148	1.09339	0.549404	1
cg08520191	EP400NL	0.220887		0.0369742	0.640404	-1.65452	0.178942	0.744232	-1.34549	0.167884	1.35728	1.35728	0.72737	0.929838	-1.07546	0.504799	1.15104	1.15104		0.9881	1.0031	1.0031	0.220845	1.3067	1.3067	0.357271	1.21747	1.21747	0.721955	0.928426	-1.07709	1.75146	1.19831	0.608156	1
cg27535690	SCHIP1	0.220887		0.467464	1.90013	1.90013	0.880013	1.14014	1.14014	0.992605	1.00808	1.00808	0.175063	1.49798	1.49798	0.704774	0.718574	-1.39165		0.137431	4.01074	4.01074	0.0677798	5.9081	5.9081	0.0269	9.73348	9.73348	0.170291	3.55363	3.55363	1.75146	20.9098	10.612	1
cg21377860	GIMAP8	0.220888		0.189017	1.31009	1.31009	0.3124	1.12781	1.12781	0.710211	1.07609	-1.41521	0.489818	1.14252	1.14252	0.0109703	0.707884	-1.41274		0.653329	0.915986	-1.09187	0.1372078	0.8769515	1.44178	1.44178	0.0926443	1.42216	1.42216	0.634319	0.911185	-1.09747	1.75146	1.04508	0.530393	1
cg07930578	LTK;LTK;LTK	0.220889		0.0321655	0.256993	-3.89115	0.519288	1.42438	1.42438	0.0804345	0.349951	-2.85754	0.793503	0.867581	-1.15263	0.203185	0.497747	2.00905		0.196623	0.477483	-2.09431	0.1236	0.450532	-2.46719	0.925809	0.950819	-1.05172	0.201576	0.481805	-2.07553	1.75145	8.31269	4.12747	1
cg26917551	CEMP1;CEMP1	0.220891		0.0072884	0.189525	-5.27552	0.094524	0.454554	-2.19956	0.0455102	0.354265	-2.82352	0.0994354	0.954704	-1.04744	0.347262	0.860122	-1.16253		0.1160045	0.625915	1.59766	0.837856	0.766505	1.30455	0.842109	0.784333	-1.27473	0.7845	0.784333	-1.27473	1.75145	0.784333	-1.27473	1
cg05588792	SEPT10;ANKRD57;SEPT10	0.220895		0.194734	0.613398	-1.63026	0.619159	0.836493	-1.19547	0.0545849	2.17486	2.17486	0.575131	1.22346	1.22346	0.0623186	0.474391	2.11197		?	?	?	0.77768	0.904061	-1.10612	0.635397	0.843507	-1.18553	0.71697	1.13851	1.13851	1.75887	3.14364	1.78731	1
cg20162066	OSBPL8;OSBPL8	0.220897		0.866182	1.04395	1.04395	0.291982	0.730278	-1.36934	0.152105	0.654858	-1.52705	?	?	?	0.41291	0.807778	-2.13796		0.174912	0.692167	-1.44474	0.0639148	1.70072	1.70072	0.856767	1.04715	1.04715	0.267604	0.744909	-1.34245	1.75886	1.61018	0.915469	1
cg20732095	CLGN;CLGN	0.220897		0.492533	1.03115	1.03115	0.777552	1.08377	1.08377	0.223011	1.1648	1.1648	0.818634	1.0566448	1.0566448	0.152452	1.2231	1.2231		0.5567088	0.883157	1.12712	0.5494829	0.8352886	1.19715	1.19715	0.839505	1.88917	1.88917	0.0155	1.12464	1.75142	2.45418	1.24566	1
cg13565670	FBXL1	0.220904		0.339018	0.591561	-1.69044	0.758597	1.17847	1.17847	0.0972768	2.63639	2.63639	0.364931	0.609004	-1.64203	0.0420514	0.287101	-3.48309		0.230929	0.511991	-1.95316	0.603195	0.756261	-1.32229	0.45349	1.50199	1.50199	0.301408	0.565311	-1.76894	1.75139	7.87164	3.99512	1
cg08838099	ZNF609	0.220905		0.75631	1.04811	1.04811	0.0224498	0.658168	-1.51937	0.0218389	0.774962	-1.29039	0.959762	1.09775	1.09775	0.774101	1.04569	1.04569		0.269881	1.19217	1.19217	0.2603969	1.39155	1.39155	0.0819045	0.933048	-1.07139	0.0806594	0.914883	0.925333	-1.08069	0.753738	0.649666	0.329425	1
cg18023558	WDR1;WDR1;WDR1	0.220912		0.290521	1.15259	1.15259	0.433061	0.910613	-1.10912	0.542797	0.923546	-1.08302	0.279328	0.864497	-1.15674	0.701766	0.952923	1.0494		0.2204143	0.704592	-1.41926	0.75513	0.918541	-1.08868	0.143797	0.652754	-1.53197	0.493142	0.827768	-1.20807	1.75135	2.04593	1.0384	1
cg05718839	PPP2R2C	0.220914		0.179158	1.47255	1.47255	0.807631	1.0685	1.0685	0.0419537	1.89006

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. 057 vs. N)	Fold-Change(105 vs. 057 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg00155846	OLFML	0.221102	0.973099	1.00738	1.00738	0.0512693	0.616136	-1.62302	0.341519	0.8074451	-1.23844	0.8810634	1.005587	1.004111	1.077223	1.077223	0.340291	1.29316	1.233916	0.0318139	1.73155	1.73155	0.8735095	1.035332	1.035332	0.9247443	1.102083	1.02083	1.75054	1.31997	0.670254	1
cg15760941	ETV5	0.221105	0.890681	0.9626339	-1.03881	0.0948937	1.66227	1.662227	0.0339862	1.934957	1.934957	0.4265063	0.7986871	-1.25205	0.2063081	1.446324	1.446324	0.8419664	1.05683	1.056083	1.11904	1.11904	0.6953441	1.11513	1.11513	1.75053	2.12548	1.07928	1
cg08380411	KCNA6	0.221107	0.7213917	0.8324554	-1.20127	0.8651104	0.916605	-1.09098	0.0622763	2.929841	2.929841	0.148606	2.21102	2.211102	0.0541816	0.326568	-3.06215	0.359094	1.62082	1.62082	0.963699	1.02358	1.02358	0.40684	0.647547	-1.54429	0.8865189	0.929522	-1.07582	1.75052	7.27168	3.69246	1
cg08548478	ARAP3;KIAA0P3	0.221109	0.680478	0.8423961	-1.18709	0.725924	0.864379	-1.1569	0.292421	0.636096	-1.57209	0.7817094	1.521193	1.521193	0.5781932	0.79254	-1.26177	0.719641	1.161	1.161	1.00870283	0.2503199	-3.99362	0.480142	1.346319	1.346319	0.2677392	0.6195541	-1.61406	1.75051	4.795585	2.414977	1
cg07724466	YPEL5;YPEL5;YPEL5	0.221111	0.835379	0.904758	-1.10527	0.663087	0.809901	-1.23472	0.650209	0.802757	-1.24571	0.802918	0.886674	-1.12781	0.705162	0.832907	-1.20061	0.759321	0.862537	-1.15937	0.334601	0.6319496	-1.61421	0.00793073	5.142654	5.142654	0.978028	1.01333	1.013333	1.7505	6.41392	3.25694	1
cg19535416	BRSK2	0.221153	0.0736053	1.59361	1.59361	0.0939209	1.53777	1.53777	0.0913279	1.54411	1.54411	0.754761	1.075096	1.075096	0.347074	0.7975948	-1.25384	0.3500222	1.25201	1.25201	0.0629916	1.63014	1.63014	0.322251	1.26985	1.26985	0.5908823	1.1952	1.1952	1.75049	1.51337	0.768479	1
cg01166399	FAM184A;FAM184A	0.221114	0.427558	0.709728	-1.40899	0.553042	0.774666	-1.29088	0.6058854	0.802257	-1.24648	0.673068	1.19679	1.19679	0.0231968	0.3170331	-3.15427	0.228357	1.70774	1.70774	0.400742	1.43919	1.43919	0.219532	1.72721	1.72721	0.4953777	1.34049	1.34049	1.75049	4.96735	2.52239	1
cg08171236	TNLN4	0.221115	0.461965	0.8596516	-1.16301	0.6264188	0.729556	-1.37076	0.3539205	0.3806022	2.628091	-1.13519	0.533542	1.068204	1.068204	0.934488	0.9897073	-1.01033	0.239034	0.857118	-1.1667	0.0981129	1.256662	1.25466	0.775321	1.109443	1.109443	0.7235246	0.958449	-1.04335	1.75048	0.4334446	0.2200102	1
cg15961716	CDL6A2;CDL6A2;CDL6A2	0.221119	0.907083	1.02604	1.02604	0.0238783	1.81052	1.81052	0.349547	1.4053	1.4053	0.5180503	0.8626965	-1.15916	0.8719777	0.03615	1.03615	0.2255588	0.7556612	-1.32343	0.148008	0.40737	-1.40737	0.9136094	0.97641	-1.02416	0.9844	0.985861	1.01434	1.75047	1.34422	0.6825594	1
cg15680624	CRYBA2;CRYBA2;CRYBA2	0.221121	0.1104777	20.0571	20.0571	0.19295	10.7549	10.7549	0.167096	12.67	12.67	0.895711	1.2537	1.2537	0.0490587	0.0207827	-48.1171	0.614957	0.417112	-2.39744	0.811741	1.50888	1.50888	0.898918	0.8032442	-1.24495	0.252896	7.83662	7.83662	0.70546	82.4005	41.8433	1
cg07142609	HSPB11	0.221122	0.0145012	1.53312	1.53312	0.0911284	0.6884	-1.55	0.3516485	0.9256885	-1.08028	0.8574427	1.124938	1.124938	0.1471814	0.5022422	-1.97833	0.2223548	1.629751	1.629751	0.548566	1.24638	1.24638	0.6792671	0.8827124	-1.13266	0.2639006	0.6553924	-1.5258	1.75046	3.649934	1.853415	1
cg17183905	TRPV4;TRPV4	0.221123	0.134591	0.402078	-2.48708	0.633062	0.762123	-1.31212	0.4605991	0.618703	-1.61628	0.2927441	0.5308853	-1.88326	0.0767246	0.328959	-3.03989	0.272966	0.549294	-1.90478	0.0268899	0.22785	-4.38885	0.050117	0.283236	-3.53063	0.416841	0.625859	-1.5978	1.75045	8.84272	4.49038	1
cg16186903	UBR1	0.221124	0.119634	2.979783	2.979783	0.1632082	2.628356	2.628356	0.1966574	2.416507	2.416507	0.1441563	0.6726224	-1.49115	0.516226	1.538206	1.538206	0.329094	0.520021	1.923007	0.1668853	2.537892	2.537892	0.6073441	1.636375	1.636375	0.5070643	0.646316	-1.54723	1.75044	11.5776	5.87918	1
cg02520358	PLOD2;PLOD2;PLOD2;PLOD2	0.221125	0.836029	0.9733331	-1.0274	0.725934	1.11547	1.11547	0.3912413	1.14372	1.14372	0.5640222	0.9274602	-1.08295	0.548631	1.08238	1.08238	0.518408	1.08914	1.08914	0.2299861	0.8485131	-1.17853	0.546845	1.08277	1.08277	0.0125207	1.49051	1.49051	1.75044	0.4716403	0.2394844	1
cg16366686	SEPTIN;SEPTIN9;SEPTIN9	0.221128	0.214194	0.476537	-2.09847	0.290439	0.536958	-1.86234	0.0340219	0.2460083	-4.06499	0.996735	0.997684	-1.00232	0.1613587	0.6178568	0.45321	-2.20648	0.726212	0.819339	-1.2205	0.0248166	2.219994	-4.54558	0.239467	0.4974941	-2.01008	0.376135	0.59457	-1.68189	0.75043	8.90572	4.52244	1
cg12929983	BMF;BMF;BMF;BMF	0.221132	0.0655902	2.052232	-1.96401	0.4645586	0.217093	-4.60632	0.0288315	0.179395	5.574351	-1.83567	0.159776	6.260704	1.357402	0.7364042	-1.35793	0.4931267	1.501844	1.501844	0.2652205	0.6489907	-1.54105	0.539556	0.660991	-1.51188	0.2808834	0.473695	-2.11106	0.75041	12.3178	6.25517	1
cg19530886	SPTBN1;SPTBN1	0.221134	0.310247	0.4064334	-2.46042	0.317065	0.427755	-2.42755	0.0537967	0.53764	6.53764	0.366057	0.451397	-2.21534	0.0368663	0.799546	7.99546	0.650393	1.47881	1.47881	0.888517	0.8866791	-1.1278	0.772125	0.779584	-1.28273	0.5840434	1.606558	1.606558	1.7504	20.3841	10.3514	1
cg23239444	PACSIN1	0.221135	0.170316	2.07849	2.07849	0.2229355	3.9095	3.9095	0.123526	2.28437	2.28437	0.338261	1.6398	1.6398	0.2042333	1.95671	1.95671	0.301908	1.70889	1.70889	0.1910092	1.99382	1.99382	0.521242	0.721994	-1.38505	0.1810324	2.03707	2.03707	0.79039	6.95869	3.53378	1
cg12048927	TRIP12;RBX2I6	0.221140	0.9449924	0.87648	-1.14096	0.6243653	0.4496575	1.14101	1.14101	0.2466805	0.8207744	-1.21841	0.5367656	1.113306	0.2914085	0.8962	-1.11596	0.0120498	0.5894498	-1.69656	0.0238754	0.7704418	-1.298	0.7496711	1.056535	1.056535	0.8129552	0.7704418	-1.298	1.75039	0.8129552	0.4128454	1
cg20083676	C9orf47;C9orf47;S1PR3	0.221148	0.571837	1.29942	1.29942	0.440816	1.43387	1.43387	0.0809359	2.42838	2.42838	0.346547	1.55956	1.55956	0.0815452	0.4126285	-2.42316	0.9974631	1.00146	1.00146	0.784477	0.8818494	-1.13392	0.0709517	2.521671	2.52167	0.2664552	1.70035	1.70035	1.75034	5.82668	2.95901	1
cg18777159	VSTM2B	0.221149	0.015619	0.4424	-2.26091	0.329231	1.15465	1.15465	0.4954925	0.7126	1.42857	0.7114564	1.12663	1.12663	0.47026	0.8554009	-1.20259	0.1888942	0.6976	1.433447	0.443854	1.05235	1.05235	0.317795	0.7630262	-1.31074	0.7713992	1.027589	1.027589	0.7083	1.835847	0.9424482	1
cg00563352	LOC285692	0.221151	0.0489431	0.255892	-3.9079	0.972793	0.102089	1.02089	0.404693	0.596386	-1.67677	0.100152	0.335529	-2.98037	0.443432	0.6226911	-1.60593	0.175601	0.417652	-2.39434	0.05062	0.259157	-3.85866	0.830622	1.13867	1.13867	0.1028888	0.339009	-2.94977	0.75033	10.1879	5.17385	1
cg05386508	FAM117A	0.221152	0.119374	0.757525	-1.35957	0.863808	1.01917	1.01917	0.9115	1.01523	1.01523	0.7941	1.00726	1.00726	0.9988	1.00881	1.00881	0.2545166	0.7556	1.323529	0.2844	0.7940	1.259	0.7940	0.8038	1.24403	0.8038	1.00187	0.00187	0.0714269	0.0985	0.0985	0.7503	0.1465056	0.0465056	1
cg02111792	SPAG7	0.221154	0.0498031	0.521581	-1.91725	0.243506	1.42617	1.42617	0.0751703	1.7796	1.7796	0.852985	1.05545	1.05545	0.840207	1.06049	1.06049	0.159564	1.54841	1.54841	0.302532	1.36437	1.36437	0.708281	0.896426	-1.11554	0.951906	1.0177	1.0177	0.75031	2.34581	1.19131	1
cg19922669	LLDP2	0.221155	0.0447282	0.772233	-1.29495	0.5720753	0.785582	-1.27294	0.952395	0.993326	-1.00672	0.392895	1.10316	1.10316	0.865679	0.91917	1.03917	0.379228	1.10648	1.10648	0.771321	1.03323	1.03323	0.675572	1.04835	1.04835	0.238025	1.14871	1.14871	1.75031	0.3487794	0.177134	1
cg25983531	ADAH	0.221157	0.7973351	0.9211115	-1.08564	0.7973351	0.9134583	1.09135	1.09135	0.7539853	1.32613	0.6163122	0.8204	1.084594	0.7523822	1.32911	1.32911	0.4932601	1.080142	1.080142	0.9547329	1.04429	1.04429	0.9977303	1.002185	1.002185	0.7485975	1.04221	1.04221	1.75031	0.7655555	0.4332958	1
cg06901447	GRK1	0.221157	0.486937	1.26058	1.26058	0.0555548	0.0367	2.0367	0.077665	0.525749	-1.90205	0.144705	1.67128	1.67128	0.63781	0.856019	-1.1682	0.3606846	1.36081	1.36081	0.1305431	0.10633	0.10633	0.945397	0.0777594	-1.02271	0.3520336	0.7730524	-1.36888	1.7503	2.97971	1.51324	1
cg07732097	AIF1	0.221158	0.956083	1.01584	1.01584	0.2423516	0.890074	-1.1002	0.3319387	0.7408	-1.34989	0.1405	1.14912	1.14912	0.4107388	1.668207	1.668207	0.0247228	2.16443	2.16443	0.2878574	1.37911	1.37911	0.2134883	1.643663	1.643663	0.1403155	1.42855	1.42855	1.75029	2.31173	1.17401	1
cg23681219	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.221158	0.259703	0.694425	-1.44004	0.5798856	1.94388	1.94388	0.199652	1.52237	1.52237	0.423231	0.775927	-1.28878	0.288875	0.71072	1.40702	0.1272441	1.56018	1.56018	0.228287	0.6868768	-1.13398	1.1339	0.8968113	-1.11506	0.154728	0.770418	-1.298	0.7496711	1.056535	1.056535	0.8129552	0.7704418	-1.298	1.75029	0.8129552	0.4128454	1
cg01990188	DOCK1	0.221160	0.860099	0.906592	-1.10303	0.463494	0.660482	-1.51404	0.479154	1.49168	1.49168	0.885992	1.08027	1.08027	0.986036	1.00978	1.00978	0.6789311	0.793447	-1.26032	0.0640017	1.18075	1.18075	0.127474	2.49957	2.49957	0.0494031	1.287499	-3.47827	1.75029	8.56527	4.34989	1
cg28337804	RBP1	0.221161	0.503462	1.12975	1.12975	0.2829131	1.15465	1.15465	0.4954925	0.7126	1.42553	0.7114564	1.12663	1.12663	0.47026	0.8554009	-1.20259	0.1888942	0.6976	1.433447	0.443854	1.05235	1.05235	0.317795	0.7630262	-1.31074	0.7713992	1.027589	1.027589	0.7083	1.835847	0.9424482	1
cg06353425	RDBD2	0.221163	0.0233484	1.69482	1.69482	0.0457219	1.62681	1.62681	0.226936	2.626936	2.626936	0.2180241	1.04902	1.04902	0.89001	0.9611668	1.0404	0.667587	0.919334	-1.08776	0.727141	1.83147	1.83147	0.444106	1.6404	1.6404	0.1504628	1.05075	0.053629	1
cg10951691	RHOBTB2;RHOBTB2	0.221164	0.1119374	0.757525	-1.35957	0.863808	1.01917	1.01917	0.9115	1.01523	1.01523	0.7941	1.00726	1.00726	0.9988	1.00881	1.00881	0.2545166	0.7556	1.323529	0.2844	0.7940	1.259	0.7940	0.8038	1.24403	0.8038	1.00187	0.00187	0.0714269	0.0985	0.0985	0.7503	0.1465056	0.0465056	1
cg12340454	RORA	0.221167	0.228007	0.614653	-1.62693	0.162474	0.56351	-1.77459	0.388405	1.40496	1.40496	0.314735	0.67041	-1.49162	0.0787595	0.471939	2.11892	0.62157	1.825817	-1.21092	0.0350622	0.388875	-2.57152	0.137185	0.54022	-1.8511	0.327251	0.677741	-1.47549	1.75026	4.10097	2.08272	1
cg10163661	CPNE7;CPNE7	0.221167	0.124553	0.21466	0.21466	0.334892	2.98186	2.98186	0.329378	3.02186	3.02186	0.238675	1.87981	1.87981	0.499406	0.471263	-2.12196	0.788236	1.34416	1.34416	0.352373	2.8616	2.8616	0.040204	13.521	13.521	0.038635	13.8935	13.8935	1.75026	33.4568	16.9914	1
cg14186441	LDLI	0.221172	0.658475	1.1744	1.1744	0.2662	0.944606	0.944606	0.1868	0.541821	0.541821	0.1264	0.2856	3.372249	1.35343	1.35343	0.8429	0.0707363	2.90629	2.90629	0.126148	1.79446	1.79446	0.7096627	1.13255	1.13255	0.598742	1.19329	1.19329	1.75024	1.060984	1.55912	1
cg16655206	CALM3	0.221173	0.306173	0.710962	-1.40654	0.0564864	2.00426	2.00426	0.344701	1.36805	1.36805	0.56155	0.827783	-1.20805	0.51753	1.80956	-1.23524	0.1149944	0.575889	-1.73644	0.7594901	0.9058571	-1.10393	0.124398	1.70865	1.70865	0.8509977	1.06243	1.06243	1.75023	2.87391	1.45957	1
cg07883733	THBS2	0.221176	0.900763	0.9707554	-1.03007	0.8555955	1.03111	1.03111	0.8383794	-1.1965	0.800622	1.01832	1.012702	1.012702	0.8880062	1.222241	1.222241	0.1290063	1.75564	1.75564	0.0877663	0.5592029	1.69188	0.5910497	1.115441	1.115441	0.9411539	0.858217	-1.16521	1.7502	0.9111	0.466795	1
cg11540416	HEXA;C15orf34	0.221182	0.969747	1.02102	1.01029	0.944051	0.981236	-1.01912	0.620604	1.14116	1.14116	0.212938	0.701862	-1.42478	0.0355662	1.511676	-1.95436	0.1290063	1.55684	1.55684	0.877663	0.5592029	-1.04245	0.9690608	0.9888866	-1.01126	0.143734	1.528	1.528	1.7502	2.01906	1.02544	1
cg27066296	LRP5	0.221183	0.113658	1.46733	1.46733	0.840075	0.968021	-1.03304	0.504	1.16306	1.16306	0.280150	0.778731	-1.28414	0.551614	1.14359	1.14359	0.3617354	1.23226	1.23226	0.0271271	1.79087	1.79087	0.276176	0.776983	-1.28703	0.77848	0.939109	-1.06484	1.75019	1.37559	0.698634	1
cg20184184	PVRL1;PVRL1;PVRL1	0.221184	0.2064541	0.4411	-2.26691	0.3185441	0.5469	-1.82857	0.1911115	0.633894	1.57776	0.4976076	1.38501	1.38501	0.715686	0.7225	-1.38408	0.2627278	1.1752	1.1752	0.7178063	1.88006	1.88006	0.2722431	1.133106	1.133106	0.8580217	1.16521	1.7502	0.9111	0.8242671	0.4667951	1
cg19293313	SETD3;SETD3	0.221192	0.557072	0.810479	-1.23384	0.018887	0.366059	-2.7318	0.288774	0.677299	-1.47645	0.648581	0.850146	-1.17627	0.117587	0.54805	-1.82465	0.1216319	0.552235	-1.81082	0.684056	1.15516	1.15576	0.186268	0.609083	-1.64181	0.168003	0.594580	-1.68183	1.75015	3.47024	1.7625	1
cg22580202	PPP2R2D;PPP2R2D;PPP2R2D	0.221198	0.779903	1.16394	1.16394	0.3153833	1.16583	1.16583	0.3137078	1.24228	1.24228	0.1636099	0.755161	-1.32422	0.3041287	0.7945649	1.25849	0.2744	1.49597	1.49597	0.2907404	0.887632	-1.12659	0.0874748	2.429353	-2.3293	0.1577188	0.774042	1.292353	1.75014	2.635998	1.505441	1
cg26791826	PRR3;GNL1;PRR3;GNL1	0.221201	?	?	?	0.3510096	0.53997	-1.85195	?	?	?	0.129477	2.86298	2.86298	?	?	?	0.0727804	1.61559	1.61559	0.483014	1.58056	1.58056	0.285634	0.4906618	-2.03824	0.717166	1.26314	1.26314	1.75686	7.7355	5.80463	1
cg00680933	UBTD2	0.221204	0.354473	0.75797	-1.31931	0.579937	0.847669	-1.17971	0.0215235	2.12632	2.12632	0.818646	1.03995	1.03995	0.167218	1.534671	1.534671	0.0247228	2.16443	2.16443	0.2878574	1.37911	1.37911	0.2134883	1.643663	1.643663	0.1403155	1.42855	1.42855	1.75013	2.31173	1.17401	1
cg05375590	LOC284379	0.221205	0.465828	0.789655	-1.26638	0.577966	0.836242	-1.19583	0.1268951	0.591309	-1.69116	0.564835	0.815965	1.19202	0.0212351	0.369783	2.70429	0.816851	0.92884	-1.07661	0.1004468	0.7838415	-1.27908	0.7353	0.8167	-1.22463	0.7353	0.737885	1.35522	1.7501	2.80644	1.42541	1
cg21497082	CHCHD1;CHCHD1;CHCHD1	0.221215	0.115478	0.42034	-2.37903	0.12934	0.29339	2.29339	0.419038	1.51923	1.51923	0.49207	1.42392	1.42392	0.105302	0.4080663	-2.4506	0.271407	0.559948	-1.78588	0.749431	0.850187	-1.17621	0.184	2.04179	2.04179	0.932427	1.03489	1.03489	1.75005	7.11027	3.61146	1
cg20792528	SLC7A6;SLC7A6	0.221212	0.649369	1.08943	1.08943	0.2656	1.26	1.26	0.0511429	1.18793	1.18793	0.766422	1.15027	1.15027	0.0727855	0.8648304	-1.15604	0.1757727	0.538386	-1.85796	0.0701175	0.1759741	1.96075	1.96075	0.972124	0.983737	-1.01656	0.144577	0.478818	-2.08847	0.7003	0.126095	1.009	1
cg04642759	SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.221214	0.135103	0.298776	-3.34699	0.0588359	0.201086	-4.973	0.105927	0.265956	-3.76002	0.8623	1.13906	1.13906	0.326526	0.467813	-2.13761	0.026150	0.138215	-7.23512	0.449204	0.560821	-1.7831	0.96623	0.968748	-1.03226	0.76306	0.797118	-1.25452	1.75003	15.5896	7.91841	1
cg24004351	UNGO3	0.221225	0.239745	0.535605	-1.86674	0.238315	0.534579	-1.87063	0.777193	1.15888	1.15888	0.406219	0.64996	-1.53856	0.090385	0.38823	-2.57579	0.0962813	0.996335	-1.00374	0.9925	0.8004983	-1.25005	0.134293	0.440995	-2.2676	0.780504	0.867927	-1.15217	1.75001	1.75294	3.6195	1
cg17644557	NTS1	0.221229	0.0757788	0.824004	-1.21324	0.0924653	1.56925	1.56925	0.0511429	1.18793	1.18793	0.766422	1.15027	1.15027	0.0727855	0.8648304	-1.15604	0.1757727	0.538386	-1.85796	0.0701175	0.1759741	1.96075	1.96075	0.972124	0.983737	-1.01656	0.144577	0.478818	-2.08847	0.7003	0.126095	1.009	1
cg22747994	KCNK4	0.221231	0.176099	0.6278	-1.59546	0.0562436	0.10815	2.01815	0.0697559	1.93224	1.93224	0.490767	0.796656	-1.25525	0.442041	1.28993	1.28993	0.785972	1.02943	1.02943	0.938272	1.08385	1.08385	0.7096551	0.9203597	1.23587	1.23587	0.712408	1.12778	1.12778	1.74999	0.923162	1.48503	1
cg26408839	RPS11	0.221233	0.817339	1.08355	1.08355	0.2722711	1.03603	1.03603	0.2227331	1.27353	1.27353	0.1762656	1.12656	1.12656	0.0854925	0.8707357	-1.14846	0.0727411	1.69171	1.69171	0.1906171	0.6600313	0.6601	1.69171	0.9731496	0.9731496	0.9731496	0.9731496	0.9731496	1.74998	0.9731496	0.9731496	0.9731496	0.9731496	0.9731496	1
cg05930400	EIF2C4	0.221237	0.478362	0.902159	-1.10845	0.325273	0.864933	-1.15616	0.546604	0.916536	-1.09106	0.989221	1.00193	1.00193	0.00875574	0.6206323	-1.61128	0.538744	1.09298	1.09298	0.236939	0.83777	-1.19364	0.8938071	1.01926	1.01926	0.7001156	1.05684	1.05684	1.74996	0.5656004	0.2872971	1
cg02751123	FLI41603	0.221239	0.584883	0.80965	-1.2351	0.323103	1.47799	1.47799	0.102038	1.98386	1.98386	0.888501	1.05539	1.05539	0.88806	0.944087	-1.05922	0.2978258	0.652431	1.532373	0.0234601	0.5544222	2.818331	0.6092621	1.16381	1.16381	0.7167219	0.8098803	-1.14969	1.74995	4.06111	2.08284	1
cg18675902	MIR135A1	0.221242	0.0820794	1.59225	-3.20048	0.270242	0.374374	-2.67113	0.195296	0.300653	-3.32942	0.57244	0.613751	-1.62932	0.0375107	0.1267232	3.80607	0.23303	1.342929	1.342929	0.291606	0.0524922	0.15152	-6.5998	0.098107	0.211642	-4.72496	0.372043	0.456401	2.19105	1.74994	20.3009	10.3119	1
cg23713768	TCF20;TCF20	0.221245	0.707112	0.739164	-1.35288	0.0478293	6.12083	6.12083	0.0915764	4.42613	4.42613	0.837944	1.17819	1.17819	0.267806	0.396821	-2.52003	0.995236	1.00479	1.00479	0.204342	0.342129	-2.92287	0.58248	1.55983	1.55983	0.296109	0.4200153	-2.38087	1.74993	17.7689	9.02586	1
cg10186254	NRXN3;NRXN3;NRXN3	0.221245	0.060107	0.380653	-2.62638	0.15157	0.407597	2.45388	0.0191889	0.613818	-1.62915	0.461807	0.458546	-1.70513	0.0222305	0.3884	2.57474	0.1597228	0.468047	-2.13514	0.173212	0.4656093	-2.2437	0.554281	0.757326	-1.32045	0.0792777	0.337452	-2.96319	1.74992	8.65754	4.63735	1
cg06338290	LCOR;LCOR;LCOR	0.221245	0.568904	1.20832	1.20832	0.181601	0.627468	-1.59371	0.070818	0.194148	1.94148	0.382264	0.717739	-1.39326	0.947284	0.978502	-1.02197	0.323168	0.715059	-1.39849	0.932358	0.6699377	-1.4993	0.0969825	1.81979	1.81979	0.74922	2.99379	1.52072	1
cg13740648	NAIC2;NAIC2	0.221245	0.143334	0.742012	-1.34745	0.2662	0.945101	1.05101	0.8422	1.05101	1.05101	0.8422	1.02205	1.02205	0.55542	0.702535	-1.42314	0.1944442	1.88306	1.88306	0.0313	0.2788	-3.58602	0.11534	0.1944442	1.88306	0.0313	0.2788	-3.58602	1.74992	1.07061	0.5441059	0.2462642	1
cg09292581	TRIM27	0.221245	0.597285	0.90174	-1.10897	0.659721	1.08976	1.08976	0.457651	1.15804	1.15804	0.34508	1.20762	1.20762	0.39961	0.845969	-1.18208	0.5784669	1.11503	1.11503	0.0509626	1.53925	1.53925	0.390613	0.8431116	-1.18608	0.0587289	0.6608868	-1.51316	1.7499	1.043	0.529809	1
cg02668843	PTRF	0.221252	0.12494	0.551893	-1.81194	0.91574	0.962834	-1.0386	0.2512888	1.53564	1.53564	0.0915791	0.514361	-1.94416	0.497574	1.29331	1.29331	0.244795	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105 vs. 105T)	p-value(111T vs. N)	Fold-Change(111 vs. 111T)	p-value(112T vs. N)	Fold-Change(112 vs. 112T)	p-value(121T vs. N)	Fold-Change(121 vs. 121T)	p-value(347T vs. N)	p-value(347 vs. 347T)	p-value(353T vs. N)	Fold-Change(3 vs.353T)	p-value(527T vs. N)	Fold-Change(5 vs.527T)	p-value(533T vs. N)	Fold-Change(5 vs.533T)	p-value(563T vs. N)	Fold-Change(5 vs.563T)	F(Error
cg26775567	C10orf58;C10orf58	0.221461	0.04837	0.429691	-3.12726	0.08012133	0.483724	-2.16729	0.434992	0.742344	-1.34709	0.957296	0.980169	-1.02023	0.183028	0.589497	-1.69636	0.727758	1.13965	1.13965	0.476997	1.13058	0.354337	0.978808	-1.02165	0.064821	0.460388	-2.17208	1.749	3.87568	1.96972	1
cg17973394	UBE3A	0.221465	0.626257	0.869226	-1.15045	0.252288	1.400706	1.40706	0.203049	1.446733	1.46773	0.0951478	1.688616	1.68816	0.401587	0.782579	1.277883	0.713985	0.900218	1.11084	0.813722	0.934817	-1.06973	0.02796556	2.09911	2.09911	0.412151	1.270555	1.270555	1.749898	2.25885	1.14802	1
cg07456645	C19orf30	0.221471	0.2596	0.819394	-1.22041	0.6418352	1.082577	1.08257	0.067136	1.445558	1.41558	0.216009	1.246674	1.24674	0.880747	0.974894	-1.02575	0.693945	0.923303	-1.08307	0.2010155	0.79554	-1.25701	0.3100555	1.19472	1.19472	0.09655539	1.36209	1.36209	1.749696	0.794648	0.4038772	1
cg27058486	CHST8;CHST8	0.221477	0.431946	1.22241	1.22241	0.1727051	1.438161	1.43816	0.01845571	2.04557	2.04557	0.389598	1.24702	1.24702	0.2215609	0.724907	-1.37949	0.840931	0.939612	-1.06427	0.4714495	0.834246	-1.20129	0.4911811	1.19181	1.19181	0.926355	1.023042	1.023042	1.749893	1.73663	0.8826237	1
cg03048054	WDR51A;WDR51A;WDR51A	0.221482	0.279566	0.461658	-2.1661	0.441526	1.715374	1.71534	0.16274	0.358942	-2.78596	0.049782	0.214681	-6.65807	0.0475381	0.210486	-4.75091	0.155386	0.315174	-2.84435	0.709986	1.29284	1.29284	0.897566	0.91525	-1.0926	0.691271	0.759982	-1.31582	1.74891	13.095	6.65556	1
cg24384131	DENND3	0.221483	0.261248	0.788414	-1.26387	0.2421188	0.78007	-1.28194	0.58058	0.892935	-1.1199	0.6002442	1.13126	1.13126	0.5482	0.884009	-1.13121	0.0588484	1.54417	1.54417	0.238742	1.2845	1.2845	0.0903122	0.684731	-1.46043	0.950315	1.012072	1.012072	1.7489	1.14041	0.5796191	1
cg08750534	SPRED2	0.221485	0.330428	0.556571	-1.79671	0.77049	0.843092	-1.18611	0.424326	1.60973	1.60973	0.958063	0.969784	-1.03116	0.228621	0.478445	-2.09011	0.224222	0.474767	-2.1063	0.0269735	0.2116919	-6.61002	0.04894488	0.269345	-3.71271	0.425925	0.622285	-1.60698	1.7489	9.42923	4.79247	1
cg16705419	TENC1;TENC1;TENC1	0.221487	0.859791	1.10893	1.10893	0.167388	2.53231	2.5323	0.0600443	-1.66791	0.586253	0.725144	-1.37904	0.134844	0.085254	-2.56091	0.872428	1.09853	1.09853	0.200071	0.9486368	-2.6843	0.056476	0.282861	-3.59531	0.627357	1.33122	1.33122	1.74889	9.47214	4.81491	1
cg25868465	MSH2	0.221488	0.795047	1.04414	1.04414	0.8472531	1.020063	1.02063	0.5585581	1.07814	1.07814	0.155611	1.21315	1.21315	0.420321	1.10792	1.10792	0.360475	1.127	1.127	0.2166407	0.715623	-1.39738	0.271705	1.15663	1.15663	0.213693	1.18118	1.18118	1.74888	0.4479956	0.2276279	1
cg25356006	GRAMD2	0.22140	0.503516	0.574881	-1.73949	0.0185865	0.0975813	-10.2479	0.128515	0.261928	-3.81784	0.977287	1.02349	1.02349	0.206572	0.337461	-2.96331	0.327321	0.438429	-2.28087	0.0739817	0.197139	-5.07256	0.2676339	0.389989	-2.56418	0.884222	1.12617	1.12617	1.74887	18.418	9.36118	1
cg22141052	HMGA2	0.221491	0.277661	0.570797	1.75179	0.4548426	1.32097	1.32097	0.2123988	0.530398	-1.88538	0.173554	0.20188	-4.95149	0.0134546	0.0682543	-14.6495	0.548537	0.739817	1.35169	0.4548426	1.35169	0.4548426	1.6	0.2398398	0.585636	-1.70755	0.174887	0.2805	6.8251	3.46896	1
cg08497530	CDH13	0.221493	0.634161	0.827382	-1.20863	0.1705529	0.561648	-1.78047	0.697137	1.16718	1.16718	0.569968	0.796976	-1.25474	0.269478	0.634748	-1.57543	0.868151	0.93644	-1.06787	0.00869429	0.2666683	-3.74977	0.68846	1.1727	1.1727	0.966429	1.01677	1.01677	1.74887	4.32719	2.19936	1
cg18597201	CDK5;CDK5;SLC4A2	0.221501	0.236614	0.817615	-1.22307	0.0792431	1.372318	1.37232	0.383482	1.1562	1.1562	0.346611	1.16564	1.16564	0.68722	0.997431	-1.00259	0.844799	0.960675	-1.03234	0.932377	0.886071	-1.16813	0.4918851	1.13947	1.13947	0.03750144	1.47986	1.47986	1.74883	0.8504	0.3712222	1
cg15057051	SOX2OT	0.221503	0.993998	1.0033	1.0033	0.0270789	0.317624	-1.43838	0.462343	0.920426	-1.08807	0.382949	1.48013	1.48013	0.248628	0.580463	-1.69646	0.591975	0.788894	-1.2676	0.1447345	0.440009	-2.9411	0.6865111	0.83709	-1.19461	0.491996	0.736483	-1.3578	1.74882	5.32023	2.70416	1
cg14263391	GRB7;GRB7	0.221506	0.131421	0.74388	0.74388	0.0594765	12.8066	12.8066	0.311936	3.50402	3.50402	0.61839	1.82571	1.82573	0.254984	4.15643	4.15643	0.804322	0.742623	-1.34658	0.102123	0.117117	-8.5385	0.916064	0.881287	-1.1347	0.190044	5.27879	5.27879	1.74881	39.7982	20.2288	1
cg06545648	POR	0.221508	0.93778	0.976897	-1.02365	0.1603624	0.639244	-1.5668	0.23351	0.965465	1.03499	0.5145	0.588827	1.1775	1.1775	0.311491	1.3682	1.3682	0.249007	1.49377	0.358738	1.32651	1.32651	0.0791399	0.558404	-1.79082	0.16918	1.55045	1.55045	1.74881	2.48283	1.26198	1
cg08737136	EPHA10;EPHA10	0.221508	0.196904	0.825181	-1.21185	0.49059	0.906083	-1.10365	0.79085	1.03815	1.03815	0.164983	1.23198	1.23198	0.176651	0.816853	-1.22421	0.169798	0.813863	-1.22871	0.2584887	1.18054	1.18054	0.699363	1.05618	1.05618	0.1143467	1.273564	1.273564	1.7488	0.549439	0.279272	1
cg15128510	AURKC;AURKC;AURKC	0.221511	0.644586	1.14486	1.14486	0.956654	1.01595	1.01595	0.9591071	0.854651	-1.17007	0.178534	1.5162	1.5162	0.608384	0.860287	-1.1624	0.184534	1.50658	1.50658	0.18623	1.53012	0.328709	0.698142	-1.43237	0.0502167	0.522015	-1.91565	1.74879	2.34855	1.19374	1
cg16338150	NOTCH1	0.221515	0.435648	1.12569	1.12569	0.1847977	0.606428	-1.01581	0.7645278	1.08752	1.08752	0.124676	1.28075	1.28075	0.825471	0.96761	-1.03342	0.42064	1.13028	1.13028	0.0310318	1.62066	1.62066	0.195113	1.2267	1.2267	0.967497	1.00608	1.00608	1.74877	0.613704	0.3119342	1
cg09929831	CALCB	0.221515	0.536755	0.75674	-1.32146	0.663372	0.822705	-1.2155	0.49972	0.736906	-1.35703	0.911198	0.951501	-1.05097	0.339858	0.645106	-1.55013	0.803357	0.89478	-1.11759	0.00732007	0.2144206	-4.66841	0.1333445	0.486004	-2.0576	0.2329797	0.572619	-1.74636	1.74877	5.49966	2.79545	1
cg24614854	RAB1A;RAB1A	0.221522	0.192926	1.68372	1.68372	0.1000553	0.313668	-1.09501	0.733908	0.878961	-1.13771	0.34506	0.692309	-1.44444	0.897091	0.95225	-1.05014	0.314663	0.674923	-1.48165	0.2007841	0.344124	-2.90443	0.1913478	1.43099	1.43099	0.506096	0.774837	-1.29059	1.74877	3.95977	2.01278	1
cg14883547	PYGL;PYGL5	0.221526	7	7	7	0.9721131	0.01602	1.01602	0.0804096	0.408252	-2.44947	0.104985	2.26313	2.26313	0.403421	0.676957	-1.4772	0.988787	1.00641	1.00641	0.130673	2.11926	0.253881	0.579614	-1.72529	0.793616	1.12666	1.12666	1.82397	5.19723	2.49323	1
cg14491479	ZCSH3	0.221528	0.795185	1.04887	1.04887	0.2883015	0.965861	1.04618	0.6439258	1.03155	1.03155	0.144029	1.16958	1.16958	0.598217	1.10264	1.10264	0.965715	1.03993	1.03993	0.9346126	0.528104	-1.89357	0.1502054	1.02087	1.02087	0.955072	1.08334	1.08334	1.82396	0.955326	0.4754436	1
cg11186344	FFO2	0.221528	0.57585	1.4267	1.4267	0.0484045	4.12831	4.12831	0.0968899	3.14445	3.14445	0.987831	1.00963	1.00963	0.392188	0.576296	-1.73522	0.128187	2.8121	2.8121	0.557965	0.689003	-1.45137	0.288323	1.99979	1.99979	0.351891	0.547541	-1.82635	1.74871	10.9475	5.56471	1
cg02131965	C2orf79;CENPO	0.221533	0.215073	0.83366	-1.19953	0.558387	0.920802	-1.08601	0.719451	1.05157	1.05157	0.290771	0.858267	-1.16514	0.537815	1.09087	1.09087	0.748836	1.0458	1.0458	0.428617	0.8934661	-1.11924	0.6741205	1.31977	1.31977	0.0502709	1.36496	1.36496	1.7487	0.5382727	0.2736313	1
cg05905176	TNFAIP3;3	0.221535	0.194138	0.79497	-1.25765	0.1504824	1.47997	1.47997	0.1202323	8.00257	8.00257	0.0126	16.0834	16.0834	0.0012	0.0001	0.0001	0.0755686	24.9467	24.9467	0.0001	0.0744	0.2288837	0.0001	0.4368988	0.0343101	0.0001	7.17982	7.17982	0.4604452	1.36277	0.7486	72.1338	36.6668	1
cg24050109	ESPN	0.221533	0.717561	1.11972	1.11972	0.208289	1.5113	1.5113	0.643487	0.864945	-1.15654	0.404318	1.30426	1.30426	0.953446	0.98199	-1.01834	0.596479	1.18098	1.18098	0.00943661	2.7849	2.7849	0.134601	1.65234	1.65234	0.779359	1.09137	1.09137	1.74869	2.68393	1.36429	1
cg25454116	CCND2	0.221535	0.248884	0.680849	-1.45593	0.732888	1.12566	1.12566	0.8104455	0.832257	-2.3081	0.0923469	0.561364	1.78004	0.0001	0.0001	0.0001	0.549609	1.07957	1.07957	0.2701467	0.2194004	-4.55131	0.0001	0.0001	0.0001	0.0001	0.0001	-1.18194	1.74868	2.69038	1.35797	1
cg21550060	ZNF141	0.221536	0.679419	0.801663	-1.24741	0.5595457	1.09958	1.09958	0.2970102	0.256341	-3.90106	0.841587	0.890161	-1.12233	0.976043	0.984153	1.0161	0.691532	0.808837	-1.23673	0.2036542	0.205473	0.20518	0.810624	1.13622	1.13622	0.882291	1.924208	1.082401	1.74868	7.83769	3.98406	1
cg08434399	EBF3	0.221538	0.940605	1.0447	1.0447	0.030851	0.325845	-4.42781	0.0551918	0.27924	-3.58115	0.880621	1.0922	1.0922	0.611986	1.35013	1.35013	0.769975	0.841916	-1.18777	0.101335	0.348951	-2.86573	0.4245537	0.619636	-1.61385	0.66136	1.29522	1.29522	1.74867	9.53856	4.84867	1
cg22052615	SLC2A1	0.221539	0.656153	0.843152	1.18597	0.3659354	1.26733	1.26733	0.4207	0.888707	1.5641	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg27034450	SPS2B;VPS28	0.22154	0.385267	1.18217	1.18217	0.659536	0.920029	-1.08692	0.944974	1.14765	1.15765	0.164929	1.39612	1.39612	0.648348	0.917356	-1.09009	0.134367	1.35458	1.35458	0.166061	1.32004	0.379858	0.157191	1.57191	1.57191	0.106149	1.39341	1.39341	1.74866	0.9787	0.497585	1
cg09482050	RLTPR	0.221549	0.07095	1.3344	1.3344	0.0003015	0.964861	1.04618	0.6439258	1.03155	1.03155	0.144029	1.16958	1.16958	0.598217	1.10264	1.10264	0.965715	1.03993	1.03993	0.9346126	0.528104	-1.89357	0.1502054	1.02087	1.02087	0.955072	1.08334	1.08334	1.82396	0.955326	0.4754436	1
cg05806239	GNAI1	0.221543	0.789529	1.06506	1.06506	0.222004	0.739035	-1.35312	0.6185556	1.12554	1.12554	0.672455	0.904662	-1.10538	0.739738	0.924456	-1.08172	0.421922	1.21323	1.21323	0.00862784	0.454272	-2.20132	0.76659	0.932266	-1.07266	0.99887	0.999666	-1.00033	1.74865	1.53743	0.781521	1
cg21864497	SSR1;SSR1	0.221549	0.043849	1.3061	1.30662	0.233533	0.865705	-1.15513	0.975793	1.00351	0.938447	0.991123	-1.00896	0.755075	0.10999	0.10999	0.10999	0.370023	1.11214	1.11214	0.0512419	0.779908	-1.29214	0.545749	1.07315	1.07315	0.677245	1.04952	1.04952	1.74862	0.369195	0.187675	1
cg27168632	HDAC4	0.221554	0.260017	0.815185	1.17959	0.4344824	0.420544	-1.38767	-2.37787	0.340472	0.6016168	1.64591	0.183111	3.98894	0.0001	0.0001	0.0001	0.793825	0.906366	1.10331	0.133167	0.54438	-1.83695	0.342179	0.692563	-1.44391	0.626585	0.8319	1.08318	1.74861	1.98935	0.9533526	0.4754436	1
cg27145458	VWC2L	0.221555	0.758471	0.910883	-1.09784	0.0501415	0.96577	1.96577	0.236277	1.45583	1.45583	0.777923	0.91799	-1.08934	0.198504	0.662825	-1.50869	0.278881	1.40597	1.40597	0.302626	1.71687	1.71687	0.334887	0.7401	-1.35117	0.9059327	1.03643	1.03643	1.7486	2.53646	1.2894	1
cg09388140	DUSP4	0.221583	0.202365	0.877	1.14023	0.1502082	1.202286	1.20228	0.53955	0.2442583	1.31722	1.31722	0.117484	2.29686	0.2506426	0.640007	-1.56206	1.14	1.14	1.14	0.545133	1.18242	-1.18242	0.0998503	1.86021	1.86021	0.289172	2.9388	2.9388	1.74857	23.7674	11.5162	1
cg01264675	C14orf68	0.221561	0.92888	0.974551	-1.02611	0.215012	1.45774	1.45774	0.187809	1.65709	1.65709	0.505562	1.2154	1.2154	0.745493	0.910239	-1.09861	0.08523594	0.577262	-1.73232	0.053757	1.88215	1.88215	0.769933	0.918803	-1.08837	0.879561	0.95716	-1.04476	1.74857	2.3092	1.17388	1
cg25419523	FAM65B;FAM65B	0.221561	0.213132	1.60087	1.60087	0.0957472	1.98524	1.98524	0.534081	1.26618	1.26618	7	7	7	0.178682	1.70824	1.70824	0.105924	1.93836	1.93836	0.0488099	2.32391	2.32391	0.0730475	2.11548	2.11548	0.308918	1.48388	1.48388	1.75594	3.4721	1.97734	1
cg19041765	TOB1	0.221564	0.676188	1.600034	-1.4492	0.0929385	0.591354	-1.6891	0.7212465	0.958926	-1.04178	0.652514	0.70741	0.70741	0.0001	0.0001	0.0001	0.432867	1.49167	1.49167	-2.02771	0.1590031	-6.2881	0.878846	0.879951	-1.14423	0.638029	1.53525	1.53525	1.74856	21.6052	10.9831	1
cg21301240	EIF3H	0.221565	0.623622	-1.51012	0.513937	0.804668	-1.24275	0.764941	0.906241	-1.10346	0.175576	0.1603	1.66043	1.66043	0.128296	1.7156	1.7156	0.202458	1.55553	1.55553	0.114388	1.75734	1.75734	0.120462	1.73843	1.73843	0.258197	1.43708	1.43708	1.74855	2.98523	1.51757	1
cg09113960	STIL;STIL	0.221567	0.586327	1.22927	1.22927	0.1549224	1.14797	1.14797	0.2202323	8.00257	8.00257	0.0126	16.0834	16.0834	0.0012	0.0001	0.0001	0.0755686	24.9467	24.9467	0.0001	0.0744	0.2288837	0.0001	0.4368988	0.0343101	0.0001	7.17982	7.17982	0.4604452	1.36277	0.7486	72.1338	36.6668	1
cg20515787	TACC2;TACC2;TACC2;TACC2	0.221581	0.75207	1.22155	1.22155	0.0188797	0.023888	0.023888	0.0264051	5.27171	5.27171	0.335005	1.8735	1.8735	0.988767	0.99115	-1.00893	0.454453	1.67189	1.67189	0.67565	1.30436	1.30436	0.956822	1.03478	1.03478	0.998282	0.998642	-1.00136	1.74849	10.0416	5.6133	1
cg13029402	ZBTB38	0.221583	0.983634	0.979473	-1.02514	0.2107278	0.727218	-1.35971	0.2305504	0.8860268	-11.5464	0.758004	0.845374	1.45439	0.0001	0.0001	0.0001	0.549609	1.10767	1.10767	0.2703467	0.2194004	-4.55131	0.0001	0.0001	0.0001	0.0001	0.0001	-1.18194	1.74848	2.69038	1.35797	1
cg21301240	EIF3H	0.221583	0.623622	-1.51012	0.513937	0.804668	-1.24275	0.764941	0.906241	-1.10346	0.175576	0.1603	1.66043	1.66043	0.128296	1.7156	1.7156	0.202458	1.55553	1.55553	0.114388	1.75734	1.75734	0.120462	1.73843	1.73843	0.258197	1.43708	1.43708	1.74855	2.98523	1.51757	1
cg09113960	STIL;STIL	0.221567	0.586327	1.22927	1.22927	0.1549224	1.14797	1.14797	0.2202323	8.00257	8.00257	0.0126	16.0834	16.0834	0.0012	0.0001	0.0001	0.0755686	24.9467	24.9467	0.0001	0.0744	0.2288837	0.0001	0.4368988	0.0343101	0.0001	7.17982	7.17982	0.4604452	1.36277	0.7486	72.1338	36.6668	1
cg20515787	TACC2;TACC2;TACC2;TACC2	0.221581	0.75207	1.22155	1.22155	0.0188797	0.023888	0.023888	0.0264051	5.27171	5.27171	0.335005	1.8735	1.8735	0.988767	0.99115	-1.00893	0.454453	1.67189	1.67189	0.67565	1.30436	1.30436	0.956822	1.03478	1.03478	0.998282	0.998642	-1.00136	1.74849	10.0416	5.6133	1
cg13029402	ZBTB38	0.221583	0.983634	0.979473	-1.02514	0.2107278	0.727218	-1.35971	0.2305504	0.8860268	-11.5464	0.758004	0.845374	1.45439	0.0001	0.0001	0.0001	0.549609	1.10767	1.10767	0.2703467	0.2194004	-4.55131	0.0001	0.0001	0.0001	0.0001	0.0001	-1.18194	1.74848	2.69038	1.35797	1
cg09960727	PLCG1;PLCG1	0.221582	0.440574	1.26433	1.26433	0.1849945	0.657528	-1.33085	0.2492886	0.870837	-1.41201	0.798484	1.07869	1.07869	0.737937	0.637026	-1.56979	0.182141	1.52544	1.52544	0.137636	1.61089	0.164213	0.69537	-1.43808	0.36428	1.3205	1.3205	1.74847	2.68426	1.25192	1
cg00726258	RTEL1;RTEL1	0.221585	0.65664	1.12116	1.12116	0.633251	0.884381	-1.13073	0.355875	1.27472	1.27472	0.409062	1.24086	1.24086	0.153755	0.676828	-1.47748	0.615646	0.878643	-1.13812	0.0307281	0.522751	-1.91296	0.316075	0.767257	-1.30334	0.237242	1.37229	1.37229	1.74847	1.80905	0.919689	1
cg04336095	DIP2C	0.221585	0.529005	0.766009	-1.30545	0.3271826	0.82568	-1.21068	0.606022	0.802461	-1.24617	0.268785	0.61584	1.62379	0.0001	0.0001	0.0001	0.0001	0.462304	2.16308	0.3085671	0.5512	1.81411	0.0001	0.0001	0.0001	0.0001	0.0001	1.16434	1.16434	0.970945	0.84494	-1.01529	1.74845	2.44365	1
cg05203985	CMIP;CMIP	0.221594	0.477866	1.21248	1.21248	0.1050207	0.22143	2.22143	0.484526	1.20885	1.20885	0.210865	1.43422	1.43422	0.186132	1.45392	1.45392	0.320218	1.31553	1.31553	0.191706	1.44632	1.44632	0.403031	1.2567	1.2567	0.362981	1.779087	1.779087	1.28355	1.74843	1.97408	1.00361	1
cg05209198	STX16;GLB1L;GLB1L;STX16	0.221594	0.009622636	1.2679	-1.61427	0.597167	2.312571	2.23257	0.426253	1.33571	1.33571	0.715015	0.866085	-1.15462	0.405209	0.716153	-1.39638	0.848653	1.03775	-1.07778	0.8149468	0.9321881	-1.07267	0.4503299	1.31873	1.31873	0.513666	1.29652	1.29652	1.74843	2.42497	2.10586	1
cg10963949	PRDX6	0.221595	0.169577	0.349956	-2.85871	0.1271165	0.68645	-1.45655	0.0545048	2.15566	2.15566	0.764328	1.26227	1.26227	0.294327	0.548182	1.42524	0.884756	0.909397	-1.09963	0.6427262	0.52593	-1.90127	0.163558	0.8406	-1.90647	0.222521	0.398567	-2.50899	1.74842	14.2585	7.24895	1
cg00409816	PRKCZ;PRKCZ;PRKCZ	0.221596	0.641077	1.35546	1.35546	0.0150247	0.93337	0.93337	0.0282955	5.35132	5.35132	0.550412	1.47901	1.47901	0.603582	1.17521	1.17521	0.287412	2.04526	2.04526	0.50071	1.55805	1.55805	0.457617	1.6123	1.6123	0.635579	1.36239	1.36239	1.74842	11.62	5.90756	1
cg07583386	TBC1D24	0.221597	0.009179	1.201837	1.20184	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg19743881	TES	0.221599	0.043963	10.0118	10.0118	0.909007	0.892453	-1.12051	0.577689	1.75022	1.75022	0.939917	0.927725	-1.07791	0.249415	0.301799	-3.31346	0.439644	2.19103	2.19103	0.641409	0.627018	-1.59485	0.0322452	12.1303	12.1303	0.913157	0.897119	-1.11468	1.74841	27.4252	13.9429	1
cg07434166	ADI1	0.221601	0.667778	0.872164	-1.14657	0.6491295	0.974021	-1.03699	0.6405717	0.470309	-2.11442	0.341184	0.732931	-1.36438	0.0967604	0.562288	-1.78162	0.392796	0.757815	-1.31958	0.4053985	0.38953	-2.56705	0.1635102	1.49884	1.49884	0.241941	1.77922	1.77922	1.74839	1.44127	0.7252	1
cg22027876	FTL	0.221602	0.555593	0.845903	-1.16972	0.269368	1.35321	1.3532	0.926432	0.976007	-1.02458	0.938976	0.616055	-1.62323	0.932161	1.02264	1.02264	0.365404	1.27705	1.27705	0.0281051	1.97785	1.97785	0.494144	1.20031	1.20031	0.518404	1.84188	1.84188	1.7484	1.91482	0.973498	1
cg22090404	RNASEH2B;RNASEH2B	0.221604	0.0524939	0.53722	-1.86143	0.1639568	1.15412	1.15412	0.930081	0.975572	-1.02504	0.0505358	0.533658	-1.87386	0.0856014	0.585392	-1.70826	0.207686	0.687703	-1.45412	0.69845	0.896094	-1.11595	0.7495551	1.09446	1.09446	0.2148884	0.692168	-1.44474	1.74839	2.19911	1.11804	1
cg13958141	ALAD	0.221605	0.311052	1.30408	-1.2015	0.3167165	0.70548	-1.41756	0.2481953	0.8860268	-11.5464	0.758004	0.845374	1.45439	0.0001	0.0001	0.0001	0.549609	1.10767	1.10767	0.2703467	0.2194004	-4.55131	0.0001	0.0001	0.0001	0.0001	0.0001	-1.18194	1.74838	2.69038	1.35797	1
cg05098059	NRP1;NRP1	0.221611	0.468632	0.862602	-1.15928	0.1081999	0.703778	-1.4209	0.0605371	0.654288	-1.52838	0.196484	0.760518	-1.31489	0.283144	1.25038	1.25038	0.602539	1.11106	1.11106	0.267736	1.62039	1.62039	0.160751	1.26039

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg21657896	TBC1D	0.221785	0.548334	0.036131	-1.09814	0.596419	0.920929	-1.08586	0.39971	0.875375	-1.14221	0.680392	0.938154	-1.06592	0.342542	0.860086	-1.16267	0.334932	0.857903	-1.16563	0.0154793	1.58056	1.58056	0.7228329	1.05522	1.05522	0.313013	0.851425	-1.1745	1.74761	0.657514	0.334432	1
cg17285883	ARHGEF10L	0.221793	0.088077	0.175374	-5.70231	0.289606	0.361823	-2.76378	0.851603	0.840961	-1.18911	0.394736	0.466557	-2.23936	0.195418	0.682671	-1.46484	0.03107	0.493828	-2.025		0.109484	0.614788	-1.62658	0.528537	1.19483	1.19483	0.0950866	0.599709	-1.66747	0.464084	0.812713	-1.23045	1.74757	2.15105	1.09412	1
cg06974458	GFRA1;GFRA1;GFRA1	0.221796	0.390903	0.518815	-1.92747	0.983145	0.96622	-1.01562	0.976472	1.02226	1.02226	0.404495	0.529033	-1.89024	0.508107	0.60583	-1.65063	0.665162	0.719734	-1.3894	-1.56349	1.54667	1.54667	0.811611	1.19511	1.19511	0.00939463	11.6824	11.68241	0.742556	15.4216	7.84414	1
cg22160267	TPM4	0.221798	0.209235	0.469787	-2.12862	0.40403	1.62804	1.62804	0.903369	1.07179	1.07179	0.331795	0.566082	-1.76653	0.0260327	0.221406	-4.51659	0.843091	0.891735	-1.12141	0.654687	0.773396	-1.293	0.262721	0.513492	-1.94745	0.0542746	0.287455	-3.47881	1.74756	9.01751	4.58673	1
cg26436829	MTHFSD;MTHFSD;MTHFSD;FLJ30679	0.221802	0.796244	0.937845	-1.06627	0.212779	1.38462	1.38462	0.256386	1.34151	1.34151	0.78039	0.933033	-1.07177	0.569214	0.867043	-1.15335	0.973761	1.00819	1.00819	0.0183304	0.491697	-2.03377	0.417563	1.22807	1.22807	0.377724	1.25164	1.25164	1.74754	1.70217	0.865813	1
cg04588156	TTC15	0.221804	0.758551	0.842465	-1.18609	0.05310097	3.39274	3.39274	0.477038	1.50225	1.50225	0.714603	1.2265	1.22675	0.0498582	0.288389	-3.42754	0.453969	0.654406	-1.5281	0.8263.93	0.884868	-1.13011	0.995983	1.62129	1.62129	0.268621	0.527039	-1.89743	1.74753	8.55279	4.55041	1
cg01334432	LOC642587;MIR205	0.221808	0.428376	1.15425	1.15425	0.959418	0.998538	-1.00146	0.987906	1.00269	1.00269	0.139976	1.32544	1.32544	0.630769	1.32032	1.32032	0.259261	1.23222	1.23222	0.0672004	1.00251	1.00251	1.74751	0.871259	0.443174	1
cg05623957	RNF19B;RNF19B	0.221809	0.802603	1.2467	1.2467	0.898806	0.894043	-1.11851	0.66297	1.47114	1.47114	0.730638	0.737686	-1.35559	0.892762	0.88804	-1.12607	0.910493	1.10406	1.10406	0.246654	0.344217	-2.90514	0.368777	0.443689	-2.25383	0.00982144	17.6957	17.6957	1.74751	21.4485	10.91	1
cg00625334	C1BGF34;C1BGF54	0.221817	0.521444	1.14854	1.14854	0.9.1.1.1	0.91535	1.27705	0.384126	1.49021	1.49021	0.559528	1.13401	1.13401	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg11320216	KIAA0586;TIMM9		0.0841326	1.548232	-1.8514	1.33683	1.376	1.376	0.233607	1.49858	1.49858	0.398868	0.756766	-1.32141	0.458364	1.27556	1.27556												
cg00388673	LPPR4;LPPR4		0.198424	1.87441	1.87441	0.441261	0.69558	-1.43765	0.868056	1.07989	1.07989	0.032824	1.38941	3.18941	0.784941	2.46812	2.46812		0.369787	1.53078	0.215791	1.82143	1.8143	0.201811	1.86462	1.86462	0.168239	1.97151	1.97151	1.74612	5.90971	3.00843	1
cg23320862	TBX5;TBX5;TBX5		0.222137	0.877603	0.969793	-1.03115	0.887299	0.972173	-1.02862	0.142906	1.36804	1.36804	0.639216	0.910309	-1.09853	0.71459	1.07583	1.07583		0.368644	0.831521	-1.20262	0.0158051	0.55518	-1.80122	0.3564S3	1.20776	1.20776	0.8426I2	1.04036	1.04036	1.74611	1.09536	0.557613	1
cg02380038	AUH		0.702202	0.766373	-1.30485	1.145574	0.34129	-2.93006	0.134481	0.504206	-1.98332	0.914048	1.10771	1.10771	0.09249	-2.21524	-4.64593		0.352555	0.517829	-1.9331	0.0243721	0.157921	-6.33229	0.881774	0.902087	-1.1078	0.55272	1.51161	1.51161	1.74611	13.0881	6.66278	1
cg26651233	FURT2		0.222139	0.0998471	0.668518	-1.49585	0.529277	1.1255	1.15295	0.34238	1.24415	2.44615	0.0784944	1.38769	1.38769	0.357626	0.809568	-1.23523	0.275832	0.776358	-1.28807	0.268552	0.773111	-1.29348	0.402815	1.21069	1.21069	0.0778843	1.54886	1.54886	1.74611	1.37901	0.702016	1
cg24305156	CRY2;CRY2		0.222141	0.309657	0.623176	-1.60468	0.0612847	1.17914	1.17914	0.0811843	2.88763	2.88763	0.58055	1.35149	1.35149	0.113994	0.421127	-2.4265	0.90633	1.0667	-1.0667	0.621704	0.761233	-1.31366	0.404221	1.59704	1.59704	0.4359I9	0.646102	-1.54774	1.74609	8.32013	4.23557	1
cg04530860	B9D2;TMEM91		0.222151	0.440469	2.03393	2.03393	0.0817135	0.171361	-5.83564	0.547947	1.72989	1.72989	0.093078	5.40485	5.40485	0.0867278	5.63462	5.63462		0.659711	0.670936	-1.49045	0.268466	0.352189	-2.83938	0.91353	0.906883	-1.10268	0.8709G1	0.863904	-1.15754	1.81457	22.7774	9.76306	1
cg17064159	TBL1X;TBL1X;TBL1X		0.222154	0.0257896	2.07656	2.67366	0.188074	1.80723	1.80723	0.471317	1.33285	1.33285	0.876286	1.05958	1.05958	0.141869	0.556171	-1.79801		0.741296	1.13096	1.13096	0.4260B4	0.736347	-1.35805	0.850383	1.0958	1.0958	0.377805	1.39956	1.39956	1.74603	3.81607	1.94272	1
cg16955074	P2RX4		0.222159	0.963263	1.04144	1.04144	0.0648801	7.59986	7.59986	0.0338123	0.88656	0.885534	0.0861202	0.83196	0.83196	0.428956	-1.35353		0.923328	1.08856	1.08856	0.170307	0.722078	-1.38495	0.818821	1.22416	1.22416	0.745806	0.750714	-1.33206	1.74601	21.4878	10.9393	1
cg00508577	C5orf141		0.222162	0.357918	0.751545	-1.33059	0.197348	0.662514	-1.5094	0.290152	0.717723	-1.3933	0.470903	1.24806	1.24806	0.356873	0.751051	-1.33147		0.0710596	0.543778	-1.83808	0.130011	1.63902	1.63902	0.107677	0.588379	-1.69959	0.847255	0.943404	-1.05999	1.746	2.52395	1.28494	1
cg08082862	RANBP10		0.222163	0.396357	0.61065	-1.63801	0.0504144	1.91567	1.91567	0.0312745	1.14603	1.14603	0.451107	1.14303	1.14303	0.649436	1.19224	1.19224		0.3705577	0.715906	-1.39742	0.243071	0.558719	-1.78981	0.310256	0.8487	0.8487	0.204357	0.453528	0.580888	-1.7215	1.74599	13.995	7.1249	1
cg15212038	TBC1D14;TBC1D14;TBC1D14		0.222174	0.980374	0.994636	-1.00589	0.189236	1.33247	1.33247	0.586936	0.892957	-1.11988	0.487792	0.864602	-1.1566	0.398434	1.19535	1.19535		0.123183	0.708451	-1.41153	0.0242585	0.74076	1.74076	0.761349	1.06489	1.06489	0.777029	1.06035	1.06035	1.74595	1.1779	0.599688	1
cg00508804	RNF166		0.222175	0.0938891	0.697871	-1.56283	0.0229906	0.445395	-2.25431	0.272183	0.730615	-1.40732	0.0492336	0.511342	-1.95602	0.138598	0.620927	-1.61049	0.524897	0.842427	1.21237	0.8988I2	1.03874	1.03874	0.74787	0.9098	-1.10388	0.1283I76	0.739078	1.35139	1.74595	2.43935	1.25769	1
cg14895298	BIRC7;BIRC7		0.222181	0.647017	1.47844	1.47844	0.805528	0.811244	-1.23268	0.133445	0.445006	-2.24716	0.937938	0.596096	-1.06827	0.740851	1.32506	1.32506		0.987596	1.01327	1.01327	0.0200503	0.0948103	-10.5474	0.0851571	0.52353	0.52353	0.426524	1.99079	1.99079	1.74592	29.8859	10.1244	1
cg03159303	CCRN4L		0.222183	0.147741	0.754576	-1.32525	0.266189	2.61376	2.61376	0.109753	1.09753	2.551851	0.806222	-1.24035	0.589498	1.10381	1.10381		0.940122	1.03171	1.03171	0.0235884	0.951067	-1.05145	0.956909	0.907764	-1.10161	0.0235884	1.63259	1.63259	1.74591	0.9090I55	0.462623	1
cg05841809	C15orf42		0.222185	0.729821	0.862643	-1.15948	0.672609	0.954681	-1.04747	0.93743	1.06859	1.06859	0.00956304	0.894948	0.894948	0.14296	1.121268	1.121268		0.153191	0.848473	-1.17859	0.510585	0.928984	-1.07539	0.414648	0.913182	-1.09507	0.8958B1	1.03436	1.03436	1.7459	0.8208I4	0.167002	1
cg11811621	LRRC37A3		0.222193	0.369683	1.29525	1.29525	0.427365	0.796632	-1.25529	0.496287	0.823952	-1.21366	0.313084	1.34088	1.34088	0.592434	0.859555	-1.16339		0.0268246	0.4707	-2.1245	0.126414	0.626188	-1.59696	0.704989	1.11233	1.11233	0.461547	1.23393	1.23393	1.81437	2.20034	0.943231	1
cg14245557	PIK3R3;PI3R3		0.222194	0.505245	1.22916	1.22916	0.2202149	2.35063	2.35063	0.172181	1.55812	1.55812	0.494021	1.23611	1.23611	0.349522	0.745366	-1.34164		0.1126162	1.60933	1.60933	0.0220022	1.22008	1.22008	0.697097	0.885153	-1.12977	0.742912	0.904434	-1.10566	1.74586	2.5752	1.51114	1
cg20853370	HDAC4;MGC16025		0.222195	0.937716	0.949861	-1.05279	0.0128702	0.130958	-7.63604	0.0378993	0.27613	-3.62149	0.504977	1.58356	1.58356	0.868166	0.8964I1	-1.11555		0.716571	0.786643	-1.27222	0.702852	0.777031	-1.28695	0.597859	0.704429	-1.41959	0.528803	1.5218	1.5218	1.74586	11.9792	6.0991	1
cg16615155	TNK2;TNK2		0.222197	0.905948	1.02561	1.02561	0.186633	1.34922	1.34922	0.031069	1.7186	1.7186	0.818611	1.05038	1.05038	0.923788	0.979736	-1.02068		0.328325	1.24094	1.24094	0.0273679	1.74799	1.74799	0.321557	1.24497	1.24497	0.223276	1.31493	1.31493	1.74585	1.26576	0.644456	1
cg05508875	ZC3H7B		0.222200	0.190522	0.802725	-1.15709	0.0989918	1.5184	1.5184	0.0477	1.302	1.302	0.285463	1.855055	-1.1757	0.50063	0.905069	-1.10424	0.0183I6	0.658684	-1.51818	0.206103	0.82717	-1.21482	0.24711	1.20837	-1.19312	0.696409	0.888628	0.209699	1
cg06455160	CLIC4		0.222201	0.239824	0.861675	-1.16053	0.444541	1.09887	1.09887	0.0483018	0.761132	-1.31383	0.52033	1.08201	1.08201	0.492779	1.08791	1.08791		0.0457621	0.758051	-1.31917	0.353673	0.8909B4	-1.12236	0.564037	0.931889	-1.07309	0.423344	0.90582	-1.10397	1.74583	0.4045S6	0.205979	1
cg14642244	SLC26A4;LOC286002		0.222203	0.936374	0.982681	-1.01753	0.615453	1.1884	1.1884	0.388999	0.82337	-1.21437	0.172338	0.790404	0.790404	0.38569	1.26515	1.26515		0.764615	1.16233	1.16233	0.379429	0.227393	-4.59997	0.178757	0.834301	-1.19861	0.3058I4	0.587956	1.70881	1.74583	0.5879S6	0.336081	1
cg02930148	CDH4		0.222212	0.827899	0.947471	-1.05544	0.0703018	1.65108	1.65108	0.226446	1.36994	1.36994	0.0409907	0.557372	-1.79414	0.695521	1.10239	1.10239		0.670409	1.11194	1.11194	0.815582	1.05961	1.05961	0.602449	1.13911	1.13911	0.261661	1.748185	1.33657	1.74578	1.69839	0.864757	1
cg21756367	MRPL54;APBA3		0.222222	0.725952	1.14793	1.14793	0.431165	0.729807	-1.37023	0.634197	0.828681	-1.20674	0.314024	1.5041	1.5041	0.91131	0.957259	-1.04465	?	?	?	0.0185829	0.326676	-3.06114	0.403025	0.714493	-1.39862	1.75305	3.79283	2.16356	1
cg01244409	POLDIP3;POLDIP3		0.222224	0.185436	2.03053	2.03053	0.228095	2.28597	2.28597	0.183529	1.83539	2.83539	0.0676091	0.262336	-3.81191	0.217486	0.746	1.746	1.76316	0.355447	1.86122	1.86122	0.703613	1.28378	1.28378	1.74573	11.809	6.01287	1
cg02006647	EXOC3L2		0.222225	0.826955	1.08584	1.08584	0.110355	0.519707	-1.92416	0.18801	0.591708	-1.69002	0.203853	1.65604	1.65604	0.936101	1.03062	1.03062		0.227989	0.621277	-1.60959	0.930604	1.0333	1.0333	0.601628	1.21912	1.21912	0.0584604	2.23487	2.23487	1.74573	3.91182	1.99182	1
cg14242557	ZNF483;ZNF483		0.222229	0.60877	1.1864	1.1864	0.4458315	1.27856	1.27856	0.0270895	2.31854	2.38351	0.172551	1.55373	1.55373	0.107457	0.914965	-1.09302	0.692386	0.876643	-1.14072	0.397309	0.75049	-1.33246	0.0184503	1.4875	1.4875	0.174571	0.80904	1.54331	1.54331	1.74571	3.03094	1.54331	1
cg08383709	DCAF7		0.222238	0.938484	0.987826	-1.01232	0.6631559	0.912814	-1.07203	0.0211013	0.64394	-1.55294	0.141099	0.777875	-1.28555	0.642518	0.928501	1.077	0.0990379	0.750515	-1.33242	0.67809	0.935905	-1.06848	0.347306	1.166	1.166	0.579558	1.09287	1.09287	1.74567	0.6963O2	0.354554	1
cg22825230	ZNF831		0.222238	0.358121	0.734039	-1.36232	0.0543874	0.489584	-2.04255	0.800383	1.08643	1.08643	0.983266	0.993162	-1.00688	0.0719175	0.518234	-1.92963	0.0653319	0.508187	-1.96778	0.159636	0.6116	-1.63506	0.111772	0.567418	-1.76237	0.803539	0.921683	-1.08497	1.74567	2.95974	1.50709	1
cg01182161	CACNA1D;CACNA1D;CACNA1D		0.222248	0.087356	1.441333	1.441333	0.0225211	1.591	1.591	0.112504	0.902	-1.10864	0.0250599	0.675571	-1.4801	0.0060	0.905069	-1.10424	0.982257	0.990656	-1.00951	0.9491	1.05348	1.05348	0.9491	1.34923	0.451627	0.720534	-1.38786	0.47663	0.505008	0.57154	1
cg01603374	PAIP2		0.222251	0.646655	1.10654	1.10654	0.962671	1.34945	1.34945	0.293165	1.2202	1.2702	0.215844	1.33068	1.33068	0.156592	0.717238	1.39424	0.733979	1.07068	1.07068	0.16227	1.38715	1.38715	0.0340145	1.7207	1.7207	0.288544	1.27335	1.27335	1.74562	1.32997	0.677234	1
cg04504004	C8orf85		0.222252	0.320188	0.583923	-1.71319	0.0154533	1.38044	1.38044	0.0139	1.16545	1.16545	0.0138495	0.731827	0.731827	0.0154435	0.568	1.568	1.00244	0.418487	0.618447	1.61699	0.0972122	1.02384	0.978	1.978	1.978	0.0266115	0.709797	1.31648	1.74562	0.0239O4	0.0179	1.31648	1
cg03882929	FOXJ3		0.222253	0.939218	1.01709	1.01709	0.1310196	0.696194	-1.43638	0.048914	1.64796	1.64796	0.725586	1.08143	1.08143	0.64782	1.10757	1.10757		0.1000044	1.4923	1.4923	0.185321	0.73196	-1.36619	0.543786	1.14626	1.14626	0.92453	1.02127	1.02127	1.74561	1.36432	0.694729	1
cg08567405	GAL3ST3		0.222255	0.311343	1.15955	1.15955	0.436598	1.1187	1.1187	0.692693	1.05774	1.05774	0.163997	1.23155	1.23155	0.214286	1.20296	1.20296		0.75898	1.04445	1.04445	0.00773589	0.62175	1.62175	0.899179	0.982245	-1.01808	0.786053	1.0397	1.0397	1.7456	0.5522I4	0.281202	1
cg04514440	KATNAL1;KATNAL1		0.222257	0.597887	1.08524	1.08524	0.1681249	1.10405	1.10405	0.431286	1.0106	1.0106	0.182185	1.36098	1.36098	0.213846	1.25408	1.25408		0.1806015	1.26013	1.26013	0.0234308	1.76997	1.76997	1.31201	0.879148	0.3907	0.0164	0.0925775	1.10464	1.10464	1.74557	0.6O6714	1
cg23237338	MAD1L1;MAD1L1;MAD1L1		0.2226	0.859831	1.07349	1.07349	0.0346354	0.372215	-2.68662	0.98541	0.992691	-1.00736	0.393444	0.704172	-1.42011	0.0272481	0.350516	-2.85294		0.775506	1.12156	1.12156	0.530801	1.29013	1.29013	0.632789	1.21305	1.21305	0.872262	0.93748	-1.06669	1.74558	4.45032	2.2662	1
cg07531443	MGAT5		0.222262	0.969923	1.03074	1.03074	0.2881551	0.945698	-1.28204	0.338295	0.674279	-1.48307	0.2447869	0.52189	-1.91607	0.0162285	0.493933	-2.02433	0.164645	0.915801	1.09245	0.218612	0.959933	-1.04178	0.0494017	1.47482	1.47482	0.0455549	0.647468	1.1773	1.1773	1.74555	0.424566	0.245112	1
cg22591964	TLL2		0.222269	0.207254	1.81027	1.81027	0.1086558	0.164665	-4.16665	0.427147	1.34592	1.43592	0.62997	1.24187	1.24187	0.850944	1.08757	1.08757		0.711692	0.847338	1.18017	0.234472	1.74392	1.74392	0.52476	1.33325	1.33325	0.400495	0.683197	1.46371	1.74554	1.50511	2.80339	1
cg07660862	C5orf136;C5orf136;C5orf136		0.222276	0.470304	0.91117	-1.09749	0.0322062	1.37399	1.37399	0.907591	0.9854	-1.01482	0.207241	1.18347	1.18347	0.574664	0.930703	-1.07446		0.305022	1.144	1.144	0.123435	0.8094I2	-1.23534	0.521057	0.920919	-1.08587	0.8105O6	0.970035	-1.03089	1.74551	0.4434I6	0.225832	1
cg12703199	SHANK2		0.222278	0.428313	1.09646	1.09646	0.645436	1.12009	1.12009	0.0274279	1.48307	0.974279	0.148307	0.824298	-1.21289	0.0909	0.792	0.208851	0.693286	0.876643	-1.14072	0.397309	0.75049	-1.33246	0.0184503	1.4875	1.4875	0.174571	0.80904	1.54331	1.54331	1.74551	3.03094	1.54331	1
cg19643471	C19orf66		0.222281	0.188807	0.61738	-1.61975	0.515636	0.795856	-1.25651	0.406715	0.74527	-1.3418	0.207826	0.631254	-1.58415	0.0225428	0.64172	-1.55831	0.912821	1.03866	1.03866	0.0281615	0.24546	-4.07308	0.373018	0.729018	-1.37148	0.703862	0.877955	-1.13901	1.7455	3.31711	1.68923	1
cg14150280	DDX50		0.222283	0.725756	1.07116	1.07116	0.6009807	0.880802	-1.13593	0.196157	0.898984	-1.06102	0.4644605	0.978844	0.978844	0.0207778	0.78778	0.78778		0.497407	0.784712	-1.27412	0.156645	0.581673	-1.71918	0.0444205	0.588307	0.588307	0.0444205	1.1519	1.1519	0.444748	1.17869	0.624064	1
cg17518962	GALS3T4		0.222281	0.421299	0.53334	-1.87498	0.0127979	0.0938553	-10.6547	0.0334562	0.149378	-6.69443	0.751663	0.784338	-1.27496	0.761994	0.79261	-1.26165		0.730778	0.767747	-1.30251	0.697901	0.741961	-1.34778	0.850714	0.865744	-1.15508	0.864944	0.87787	-1.13912	1.74549	16.1854	8.24239	1
cg02067105	ANAPC11;ANAPC11;ANAPC11		0.222286	0.640408	1.17819	1.17819	0.715577	0.602094	-1.66087	0.0501237	0.17822	2.17822	0.469241	1.29258	1.29258	0.136623	0.571814	-1.74882	0.398507	0.739861	-1.3516	0.284055	1.47588	1.47588	0.293679	1.18476	1.18476	0.369975	1.37837	1.37837	1.74547	3.35851	1.71034	1
cg13780054	;ANAPC11;ANAPC11;ANAPC11;THOC4		0.222229	0.553813	0.731544	-1.36697	0.616623	1.30125	1.30125	0.553769	0.731518	-1.36702	0.0184473	0.21522	-4.64641	0.310751	1.73208	1.73208		0.865266	1.0918	1.0918	0.843235	1.10869	1.10869	0.0849077	0.364801	-2.74122	0.812785	0.883687	-1.13162	1.81392	7.63502	3.27377	1
cg18661819	PTPN18;PTPN18		0.222292	0.884865	1.03007	1.03007	0.144777	1.37744	1.37744	0.0899462	1.46543	1.46543	0.345774	0.819936	-1.21901	0.859874	0.973583	-1.02713		0.941481	1.01512	1.01512	0.259319	0.78615	-1.27202	0.63584	1.1024	1.1024	0.338612	1.632	1.632	1.74545	1.15565	0.588527	1
cg02947122	PHLDA1		0.222296	0.0917946	0.673933	-1.48382	0.611149	0.896725	-1.11517	0.0120035	0.51368	-1.96474	0.565372	0.883782	-1.1315	0.642026	0.905268	-1.10465		0.359008	0.48599	-2.05747	0.0114409	0.861409	-1.16089	0.607436	0.909488	-1.09952	0.557886	0.817912	-1.22263	1.74543	1.24935	0.636253	1
cg08396096	VPS37C		0.222297	0.480907	0.73988	-1.35137	0.31084	1.1054	1.1054	0.21094	-2.10354	1.56134	0.629406	0.811871	-1.23172	0.0678602	0.616127	-1.62275	0.0715516	0.421805	-2.37076	0.685767	1.89176	1.89176	0.657921	1.14746	1.21046	0.0862O9	0.992619	-1.00744	1.74538	5.07838	2.58652	1
cg19122260	RPTOR;RPTOR		0.222307	0.164774	0.292261	-3.4216	0.0829232	0.92175	-1.92175	0.40706	2.02172	2.02172	0.85213	0.859431	-1.16356	0.0953879	0.218563	-4.57535		0.140172	1.73333	1.73333	0.360107	0.863795	-1.15768	0.0241636	0.501501	-1.99366	0.817725	0.821199	-1.21773	1.74538	19.044	9.69876	1
cg05899860	EPB41L1;EPB41L1		0.222311	0.867748	0.950544	-1.05201	0.4644	0.909472	-1.0567	0.0422199	0.597526	1.67302	0.0397126	0.725258	-1.37896	0.0477345	0.732454	-1.36503	0.636892	1.15314	1.15314	0.0170164	0.995275	-1.00464	0.996083	1.29184	1.29184	0.777884	0.926115	-1.07979	1.74537	3.46502	1.74063	1
cg20978858	RANGAP1		0.222311	0.140494	0.624566	-1.60111	0.160329	0.640558	-1.5609	0.193508	0.664685	-1.50447	0.690021	0.8878	-1.12638	0.023092	0.446423	-2.24003		0.250077	0.703327	-1.42181	0.766661	1.09236	1.09236	0.544142	1.19991	1.19991	0.185287	0.659015	-1.51742	1.74537	2.43602	1.24063	1
cg20413124	ZNF823		0.222312	0.190124	0.704734	-1.42035	0.281551	0.6582652	0.254864	-3.92366	0.196335	0.847818	-1.29339	0.466016	0.622582	-1.60625	0.101855	0.419466	-2.38398		0.244341	0.409318	-2.44545	0.0199449	0.327974	-3.04902	0.123586	0.344579	-2.90209	0.74536	1.21794	0.574444	1
cg06769201	WHSC2		0.222312	0.908659	0.97556	1.07556	0.0483026	4.18778	4.18778	0.432143	1.66332	1.66332	0.746954	1.2281	1.2281	0.485786	0.299229	-3.34193		0.164796	1.39408	1.39408	0.256143	0.535093	0.532112	-1.8793	0.927211	0.940267	-1.06353	0.37816	0.563329	-1.77516	1.74536	11.1351	5.67097	1
cg01404518	ZNF433		0.222317	0.509767	0.815749	-1.22587	0.15631	1.59657	1.59657	0.271291	1.41735	1.41735	0.281514	0.711155	-1.40616	0.163518	0.615795	-1.57283		0.666141	0.876168	-1.14133	0.149731	0.624783	-1.60056	0.200495	1.50955	1.50955	0.273872	1.41449	1.41449	1.74534	2.56387	1.30576	1
cg20752715	STXBP5L		0.222319	0.760003	1.09004	1.09004	0.5199	1.27265	1.27265	0.0244056	2.1337	2.13337	0.0863063	0.660359	-1.51399	0.0147852	0.481835	-2.07571	0.7002648	0.925269	1.08057	0.331377	0.666575	-1.50017	0.0174103	0.664103	-1.50603	0.0174103	0.943701	-1.06001	1.74533	0.6O7586	0.375856	1
cg16219954	COL18A1;COL18A1;COL18A1		0.222322	0.522756	1.31585	1.31585	0.857578	0.926703	-1.07909	0.944554	0.970956	-1.02891	0.0638422	0.241762	2.41762	0.0139053	0.95523	-1.04687	0.176933	1.83713	1.83713	0.191339	1.7972	1.7972	0.0419245	2.70064	2.70064	0.0708158	2.35237	2.35237	1.74531	4.96378	2.52806	1
cg25067873	FLI1		0.222325	0.440939	1.08584	1.08584	0.1248834	1.10748	1.10748	0.0357481	1.10157	1.10157	0.0156262	1.10157	1.10157	0.0145371	0.933273	-1.07117	0.8011117	0.944913	1.07851	1.07851	0.0298914	1.78072	1.78072	0.0247173	1.64527	1.54366	0.0440055	1.78072	1.78072	1.74531	0.7285I4	0.373344	1.78072	1
cg08732466	FLJ42875;FLJ42875		0.222325	0.451953	1.36735	1.36735	2.07075	0.626151	-1.59706	0.747429	1.14102	1.14102	0.7971	1.11092	1.11092	0.180648	1.78673	1.78673		0.589702	0.800691	-1.24892	0.0218774	0.37433	0.37433	0.175275	0.80133	0.80133	0.518152	0.765308	-1.30666	1.7453	2.66776	2.34675	1
cg15810304	KIAA1211		0.222325	0.232643	0.704003	-1.42045	0.434382	1.25065	1.25065	0.919119	0.97192	-1.02888	0.201749	0.685228	-1.45937	0.0132783	0.422981	-2.36417	0.950687	0.982807	-1.01749	0.908571	0.968301	-1.03274	0.238199	0.7072	-1.41403	0.634619	1.14368	1.14368	1.7453	2.17353	1.10699	1
cg06961160	RCAN1;RCAN1;RCAN1		0.222327	0.366869	1.07705	-1.07707	0.1477202	0.54827	-1.82422	0.122345	0.586094	1.72208	0.643409	0.881258	-1.13479	0.0682755	0.516581	-1.93577	0.2183887	1.20122	0.832716	0.0156104	0.704804	-1.41883	0.463004	0.672212	-1.48763	0.7428	0.731841	0.97946	1
cg20623506	P4HB		0.222337	0.262148	2.44131	2.44131	0.140739	1.35184	1.35184	0.631952	1.44539	1.44539	0.851964	1.15327	1.15327	0.0985799	0.250897	-3.9857		0.605054	0.671506	-1.48919	0.0647258	0.205216	-4.87292	0.326878	2.16547	2.16547	0.606807	1.48627	1.48627	1.74525	16.1066	8.20338	1
cg20494512	NAGPA		0.222339	0.0520287	0.804267	-1.24316	0.0146404	0.641444	-1.55949	0.146608	0.611975	1.63597	0.353973	0.854373	-1.17021	0.0132998	0.450257	-2.22015	0.0		0.133663	0.644931	1.55029	0.0174768	0.477284	0.835254	-1.19745	0.0		0.0		0.0		0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
1007_s_at	SUPT6H	0.222534	0.3106	1.088423	-1.67106	0.738819	0.348999	-1.17786	0.125047	2.25378	2.25378	0.988151	1.00729	1.0320544	0.335034	-2.38477	0.761608	0.861646	-1.16057	0.0927449	0.404421	-2.47267	0.311015	1.67027	0.67027	0.49741	0.713792	-1.40097	1.74441	0.6273	3.37194	1
6p0442743	TSPYL6;ACYP2	0.222536	0.350432	0.681959	-1.46636	0.296896	0.650033	-1.53838	0.6945	1.17024	1.17024	0.189309	0.574761	-1.73985	0.217385	0.596385	-1.67677	0.0807358	0.462377	-2.16274	0.0555773	2.37269	0.37269	0.764039	0.886638	-1.12786	0.801927	0.904738	-1.10529	1.7444	4.38243	2.23314	1
1008_s_at	CASQ2	0.222541	0.232473	1.28354	1.28354	0.987816	1.00905	1.00305	0.25348	0.788395	-1.2684	0.243009	0.78383	-1.27579	0.78607	1.03573	1.03573	0.0762223	1.48184	1.48184	0.0517778	1.55466	1.55466	0.778191	0.945257	-1.05791	0.64707	0.912196	-1.09626	1.74838	1.09803	0.559525	1
g5p3300941	VPS4A	0.222541	0.3760809	1.12553	1.12553	0.363433	1.12953	1.12953	0.0817517	1.28604	1.28604	0.63599	1.06415	1.06415	0.105613	2.5931	2.5931	0.335883	1.13819	1.13819	0.1084531	0.779708	-1.28253	0.848595	0.975382	-1.02524	0.397412	0.893144	-1.11964	1.74838	0.4698806	0.239406	1
6q0430730	GJB3;GJB3;GJB3	0.222544	0.568083	1.24405	1.24405	0.0340564	2.55021	2.55021	0.960075	1.01913	1.01913	0.114812	1.9136	1.9136	0.0268372	2.60965	2.60965	0.575456	0.80724	-1.23879	0.438303	1.34877	1.34877	0.863097	0.936771	-1.0675	0.09639	1.99545	1.99545	1.74837	3.95686	2.01632	1
1009_s_at	C14orf132	0.222548	0.2408982	1.24387	1.24387	0.619561	0.913347	-1.09487	0.72308	1.06656	1.06656	0.716373	1.06831	1.06831	0.322949	1.20066	1.20066	0.905153	0.978644	-1.02182	0.0145703	1.72444	1.72444	0.259433	1.23746	1.23746	0.0788163	1.42401	1.42401	1.74835	0.9061	0.461733	1
1010_at	CPLX1	0.222555	0.0849905	0.189842	-5.26755	0.711224	1.38321	1.38321	0.962238	1.04217	1.04217	0.524582	0.569764	-1.75511	0.0775004	0.180517	-5.53966	0.319738	0.407793	-2.45223	0.023154	0.0936126	-10.6823	0.234208	0.336921	-2.96805	0.394623	0.467372	-2.13962	1.74434	2.21057	10.7143	1
g5p5912423	FOXN2	0.222562	0.457793	0.888779	-1.12514	0.588542	1.09292	1.09292	0.85241	1.03075	1.03075	0.0197225	0.644033	-1.55095	0.49604	0.893607	-1.11895	0.33553	0.850886	-1.1755	0.0259464	0.703574	-1.41328	0.732981	1.05956	1.05956	0.280042	1.20032	1.20032	1.74434	0.7192424	0.372213	1
cg02395086	SUSD3	0.222564	0.71452	0.820646	-1.21855	0.563942	1.36868	1.36868	0.231599	1.56417	1.56417	0.538434	1.40049	1.40049	0.392425	0.824129	-1.60223	0.987317	1.00859	1.00859	0.054198	1.24011	1.24011	0.233556	1.9581	1.9581	0.0287873	0.40425	0.40425	1.74433	7.99728	4.07532	1
cg07993367	ATP6V0E2;LOC401431;ATP6V0E2	0.222559	0.571509	0.712205	-1.40409	0.0252327	0.206084	-4.8524	0.851687	0.894856	-1.1175	0.497877	1.50449	1.50449	0.0979741	0.340466	-2.93716	0.210849	0.457254	-2.18697	0.125502	0.373757	-2.67553	0.192172	0.440599	-2.26912	0.282683	0.515518	-1.9398	1.74431	0.732663	0.495969	1
cg11930167	ASAH1;ASAH1;ASAH1	0.222562	0.2737	1.39004	1.39004	0.0178545	2.48614	2.48614	0.0748264	1.57802	1.57802	0.200487	4.04454	4.04454	0.0178396	0.132206	-2.50397	?	?	?	?	0.0435172	2.42313	0.0815762	0.868524	-1.15138	0.180719	0.230219	4.3437	1.74517	26.3328	15.0189	1
cg13531268	FAM76B;CEP57	0.222564	0.145553	1.53913	1.53913	0.0406006	0.9218	1.92018	0.351765	0.770037	-1.29864	0.694708	1.11498	1.11498	0.0628604	1.69619	1.69619	0.0914114	1.26083	1.26083	0.16867	1.62012	1.62012	0.323707	1.32478	1.32478	0.267929	1.37496	1.37496	1.74429	2.10342	1.0719	1
cg07588398	SNORA49;EP400	0.222565	0.0681762	0.647398	-1.54464	0.332674	0.804432	-1.24596	0.612364	0.907667	1.10179	0.0681113	0.64832	-1.54245	0.310345	0.79973	-1.2502	0.901595	0.973004	1.0268	0.0887726	1.49132	1.49132	0.401889	0.825848	-1.21088	0.414715	0.837365	-1.19422	1.74428	1.25208	0.638061	1
cg02774073	MLA-H	0.222565	0.857406	0.936457	-1.06785	0.308897	0.680853	-1.46874	0.947467	0.976235	-1.02434	0.420664	0.740595	-1.35027	0.0684778	0.47475	-2.10537	0.127136	0.547596	-1.82616	0.243875	0.640782	-1.56059	0.0148568	0.33496	-2.98543	0.651851	0.847222	-1.18033	1.74427	3.6809	1.8758	1
cg13822566	FANCF	0.222568	0.244974	1.20638	1.20638	0.338337	1.16447	1.16447	0.809625	0.96345	-1.03794	0.258274	1.19959	1.19959	0.703101	0.942633	-1.06086	0.471963	1.11949	1.11949	0.0142552	1.59417	1.59417	0.400211	0.875593	-1.14208	0.605594	0.922782	-1.08368	1.74427	0.657516	0.335074	1
cg08555112	TOB1	0.222575	0.999638	1.00006	1.00006	0.711137	1.15519	1.04759	0.497401	1.08991	1.08991	0.197919	0.843584	1.18542	0.0318044	1.10572	1.10572	0.709869	1.04893	1.04893	0.0710824	0.726932	1.37564	0.610334	0.93778	-1.06635	0.0996937	1.25298	1.25298	1.74424	0.431593	0.219946	1
cg00779602	MAGI1;MAGI1;MAGI1	0.222577	0.355998	1.84271	1.84271	0.0576368	0.9833	1.98303	0.0196768	0.61306	0.61306	0.801022	1.17654	1.17654	0.312723	1.95871	1.95871	0.291532	2.02308	2.02308	0.0690646	3.70491	3.70491	0.504935	1.54585	1.54585	0.451543	1.63857	1.63857	1.74423	11.45	5.83512	1
cg14539247	CTBP1;CTBP1	0.222579	0.604985	1.11815	1.11815	0.16266	0.726881	-1.37574	0.170092	0.73145	-1.36715	0.987429	0.996634	-1.00938	0.648822	1.1035	1.1035	0.843487	1.04321	1.04321	0.0923297	1.83279	1.83279	0.302591	1.08557	1.08557	0.60109	0.8992318	-1.11952	1.74422	1.26533	0.644841	1
cg01220108	MDP1;CHMP4A	0.222584	0.0903789	0.4410998	0.7215503	1.169999	1.16999	0.887375	0.9393383	-1.06453	0.6281221	0.807275	-1.23874	0.152441	0.0153514	1.95875	1.95875	0.0137136	1.262688	-1.80679	0.376654	0.671709	-1.48874	0.766973	1.13922	1.13922	0.758428	0.873447	1.14489	1.7442	5.31466	2.70849	1
g15685971	GPT	0.222588	0.677678	1.18874	1.18874	0.627446	0.816847	-1.22422	0.523208	1.30687	1.30687	0.0462292	2.57196	2.57196	0.0816979	0.450195	-2.22126	0.136271	1.94257	1.94257	0.651371	1.20702	1.20702	0.349432	0.671373	-1.48948	0.948858	0.973815	-1.02689	1.74418	4.72658	2.40881	1
cg08409173	CLEC4GP1	0.222589	0.448206	1.848136	-1.17007	0.54099	1.22154	1.22154	0.0845865	1.03063	1.03063	0.783781	0.963866	-1.03764	0.0796355	1.29335	1.29335	0.302936	1.79568	-1.25555	0.0218304	0.556256	-1.79773	0.699914	1.08604	1.08604	0.114256	0.564459	-1.77004	1.74417	1.25468	0.639424	1
cg07794926	SLC03A1;SLC03A1	0.222591	0.114787	0.369284	-2.70794	0.430914	1.59515	1.59515	0.592913	1.36816	1.36816	0.0586664	0.274697	-3.64038	0.231178	0.487066	-2.05311	0.538402	0.696396	-1.43597	0.0494265	0.271867	-3.67828	0.681562	0.786897	-1.27081	0.340171	0.564959	-1.77004	1.74417	3.92075	1.75007	1
cg00393348	TUX4;TULP4	0.222593	0.758769	1.09554	1.09554	0.0108227	0.353195	1.35155	0.592913	1.36816	1.36816	0.0586664	0.274697	-3.64038	0.231178	0.487066	-2.05311	0.916634	0.972588	1.03384	0.0837009	1.73272	1.73272	0.268825	1.20104	1.20104	0.163077	1.46377	1.46377	0.808279	0.990521	-1.01067	0.249389	1
cg04813159	AATK	0.222595	0.203191	0.450821	-2.21817	0.260042	1.498173	-2.00733	0.129687	0.378721	-2.64047	0.881963	0.915648	-1.09212	0.154134	0.401864	4.14844	0.258197	0.496712	-2.01324	0.0558548	0.276094	-3.6141	0.178234	0.33588	2.33588	0.826929	1.1368	1.13868	1.74413	0.717155	0.49229	1
cg01554924	QKI;QKI;QKI;QKI	0.222605	0.935689	1.03431	1.03431	0.167502	1.82658	1.82658	0.764691	0.876917	-1.14036	0.263316	1.60937	1.60937	0.0841403	2.48491	2.48491	0.163504	1.46262	1.46262	0.426009	0.71847	-1.39185	0.0706337	2.30134	2.30134	0.320601	1.5192	1.5192	1.81245	4.61961	1.98242	1
cg04460007	DCUN1D4;DCUN1D4	0.222607	0.0438931	0.501919	1.99236	0.671133	1.13555	1.13555	0.541652	0.832026	-1.20188	0.108829	0.585729	-1.70727	0.128989	0.843584	1.18542	0.009961	1.584393	-1.71318	0.832752	1.06496	1.06496	0.60972	1.1656	1.1656	0.214046	0.677478	-1.47606	1.7441	2.44707	1.24716	1
cg04522498	TRAPPC9;TRAPPC9	0.222609	0.184541	1.94826	1.94826	0.101139	2.34128	2.34128	0.948983	0.970133	-1.03079	0.308665	1.64756	1.64756	0.370368	1.54637	1.54637	0.040641	3.06526	3.06526	0.0277555	3.4306	3.4306	0.24274	1.47152	1.47152	0.376307	1.53763	1.53763	1.74409	6.20287	3.16134	1
cg13860040	LOC100093728;SLC25A5	0.222611	0.107301	0.17457	-5.72835	0.482943	0.726386	-1.37574	0.170092	0.73145	-1.36715	0.987429	0.996634	-1.00938	0.648822	1.1035	1.1035	0.028163	0.0740062	-13.5124	0.0819697	0.5062	1.97255	0.0139	0.19403	5.15403	0.689022	1.71616	1.71616	1.74409	27.27	13.8714	1
cg03202832	C6orf186	0.222611	0.0948211	0.43937	-2.27598	0.552	0.763725	-1.30937	0.12434	0.247528	-2.10736	0.889346	0.939552	-1.06434	0.0104714	2.236119	2.23515	0.427091	0.695412	-1.438	0.420529	0.691666	-1.44578	0.909765	0.95048	-1.0521	0.664719	0.822551	1.21573	1.74409	1.54322	2.82515	1
cg26408612	BAT1;BAT1	0.222612	0.0436607	0.297597	-3.36025	0.345691	0.601987	-1.66117	0.831633	1.11769	1.11769	0.615939	0.767741	-1.30252	0.0937783	0.38173	-2.61965	0.397145	0.635655	-1.57318	0.03412	0.276485	-3.64054	0.415247	0.647147	-1.54524	0.127086	0.422189	-2.3686	1.74408	7.54367	3.84472	1
cg01580044	PHTF1	0.222618	0.0508314	0.218644	-4.57365	0.482447	0.797	-1.2533	0.805099	1.18342	1.18342	0.162973	0.450462	-2.21994	0.0827835	0.370231	-2.7014	0.332026	0.507147	-1.97138	0.0205706	0.225661	-4.43143	0.116873	0.312207	-3.20301	0.281984	0.465793	-2.14687	1.74405	12.8982	6.57377	1
cg14196932	CBX1	0.222622	0.723044	0.949344	-1.05336	0.227755	1.20329	1.20329	0.37894	0.876455	-1.14096	0.120477	1.27895	1.27895	0.1663	0.806037	-1.24064	0.945292	1.01008	1.01008	0.12847	1.2713	1.2713	0.44015	0.891357	-1.12188	0.149027	0.797664	-1.25366	1.74402	0.589499	0.300455	1
cg02628927	ACD;ACD;PARD6A;ACD;PARD6A	0.222628	0.70895	1.19168	1.19168	0.37385	2.28953	2.28953	0.622155	1.42195	?	?	?	?	?	?	?	0.0254583	1.31021	1.31021	0.0176106	0.793279	1.52032	0.176016	0.831471	-1.2203	?	?	?	1.74401	0.9095	0.534046	1
cg15053364	PMPCB	0.222629	0.60728	1.14069	1.14069	0.1899668	1.42259	1.42259	0.883572	1.03791	1.03791	0.20627	1.40285	1.40285	0.753845	0.923234	-1.08315	0.58079	1.15215	1.15215	0.0182449	0.483071	-2.07009	0.427956	0.814246	-1.22813	0.991951	1.00256	1.00256	1.74401	1.780818	0.907646	1
cg22677650	PIP5K1C	0.222632	0.263705	0.546649	-1.82933	0.875533	0.92176	-1.08322	0.823484	1.12278	1.12278	0.107612	0.402431	-2.4849	0.0167298	0.220043	-4.54457	0.254137	0.539414	-1.85386	0.21712	0.510104	-1.96039	0.92652	0.953309	-1.04898	0.131661	0.430168	-2.32467	1.74399	7.42188	3.78283	1
cg05083852	CMIP	0.222633	0.354011	0.7209	1.07554	0.0732371	0.835195	1.19725	0.0894953	0.794548	-1.25896	0.0580869	0.544499	-1.83627	0.0521139	0.51895	-1.92682	0.319634	0.745893	-1.34096	0.0183184	0.705168	-1.41809	0.0122382	0.180746	-5.54627	0.119331	0.184044	-5.43347	0.74399	27.0864	14.1455	1
cg14924176	GFPT1	0.222634	0.798061	1.05913	1.05913	0.781542	0.939617	-1.06426	0.64554	1.10934	1.10934	0.169735	0.72059	-1.38775	0.0752759	0.641638	1.55851	0.119221	1.46058	1.46058	0.261691	1.29983	1.29983	0.248616	0.763228	-1.31023	0.23635	0.757299	-1.32048	1.74396	1.38645	0.706669	1
cg01855559	GNG12	0.222635	0.0653351	0.49482	-2.02113	0.0768	0.626836	-1.78684	0.142685	0.358006	-2.79327	0.511945	0.797562	-1.25412	0.0341531	0.603384	-1.65726	0.0446624	0.640664	-1.56095	0.0419585	0.603384	-1.65726	0.0416393	0.0916393	-10.9123	0.34595	0.719418	-1.39008	1.74396	0.091213	0.34595	1
cg20746715	PIF1	0.222644	0.11981	0.457878	-2.10138	0.363487	0.956302	-1.04509	0.0758258	0.565825	-1.76733	0.90275	0.889333	-1.12444	0.021213	0.295628	3.38263	0.956032	0.976032	-1.02456	0.163124	0.519444	-1.92512	0.315009	0.633085	-1.57957	0.378889	0.627119	-1.48767	1.74394	1.34723	2.72549	1
cg21021629	NRIP1	0.222645	0.137412	0.602733	-1.65911	0.14342	0.608021	-1.64468	0.862905	1.05622	1.05622	0.369737	0.747144	-1.33843	0.25758	0.688066	-1.45335	0.995494	0.998215	-1.00179	0.0372964	2.14878	2.14878	0.65325	1.15385	1.15385	0.733482	1.11422	1.11422	1.74394	2.76584	1.40976	1
cg20607741	TRAPPC9;TRAPPC9	0.222646	0.2348444	1.78702	1.78702	0.0870758	2.58344	2.58344	0.0613453	1.52629	1.52629	0.0688096	3.76027	3.76027	0.0115945	0.265722	-3.76353	0.308877	1.2222	1.2222	0.0345321	1.5987	1.5987	0.0581	0.10101	10.0101	0.153232	1.1281	1.1281	1.74393	1.00305	0.511257	1
cg05343755	C12orf72;C12orf72	0.222651	0.589295	0.863046	-1.15860	0.0737992	0.583592	-1.71353	0.3235	0.759144	-1.31737	0.844078	0.948178	-1.05465	0.0345613	0.513755	1.94645	0.645363	1.13341	1.13341	0.246179	1.38574	1.38574	0.620779	1.14428	1.14428	0.470634	1.21937	1.21937	1.74391	2.01699	1.02808	1
cg00823132	FAM38A	0.222654	0.296764	0.624599	-1.60158	0.398956	0.900546	-1.11046	0.537351	0.68732	-1.45496	0.0604496	0.527863	-1.89506	0.0172813	0.442757	2.25814	0.949454	0.998251	-1.00175	0.0437219	0.944975	1.06061	0.717352	0.734402	1.36147	0.0351776	0.693742	1.36062	1.74391	1.73402	0.827246	1
cg24093411	TCF7	0.222655	0.463308	2.286	2.286	1.3354	1.94447	1.94447	0.274419	3.52369	3.52369	0.305234	3.24087	3.24087	0.217588	0.237731	-4.20644	0.993963	0.991656	-1.00841	0.0468203	12.4361	12.4361	0.842566	1.2416	1.2416	0.0688856	0.53342	0.53342	1.7439	33.8792	17.2687	1
cg21946705	FGF13	0.222655	0.923431	0.990111	-1.00945	0.0198419	0.57451	1.07451	0.0641212	0.49356	-2.04055	0.740551	0.804512	-1.24298	0.0241114	0.65039	-2.2203	0.516033	0.650017	-1.53844	0.0861916	0.86642	1.15642	0.402619	0.72965	-1.37046	0.0949315	0.60429	1.6549	1.74389	11.3494	6.03204	1
cg04440606	ARHGAP2	0.222658	0.091626	0.10265	10.0265	0.307489	0.765908	1.30566	0.0292284	0.504627	1.81596	0.0126575	0.716485	1.3956	0.0106	2.66755	2.66755	0.204067	1.81596	1.81596	0.0832346	1.62277	1.62277	0.641451	0.888343	-1.12569	0.216981	1.38812	1.38812	1.74388	1.76032	0.897266	1
cg13709449	PTCH1;PTCH1	0.222664	0.103543	1.55786	1.55786	0.560543	1.15763	1.15763	0.683811	1.10734	1.10734	0.141754	1.48198	1.48198	0.0703068	1.65495	1.65495	0.996589	0.998936	-1.00107	0.135464	0.669873	-1.49282	0.314861	0.771982	-1.29537	0.545572	1.16453	1.16453	1.74386	1.71244	0.872876	1
cg16690540	SAMD12;SAMD12	0.222666	0.557891	1.09163	1.09163	0.447365	1.10361	1.10361	0.0881328	1.13078	1.13078	0.140779	0.992901	1.00134	0.0106098	1.31788	1.31788	0.407088	1.880702	1.88070	0.0113546	0.114362	8.74403	0.0116	0.0116	86.2069	0.0116	0.0116	0.0116	1.74386	1.26636	0.329096	0.858876	-1.16431	0.7486	1
cg07514331	ARID2	0.222669	0.403765	1.11389	1.36471	0.889923	-1.12369	0.890679	0.982788	-1.01751	0.85472	0.977126	-1.02341	0.0442793	0.746992	-1.1387	0.340416	0.883747	-1.13206	0.0477232	0.751391	-1.33086	0.230765	0.432755	0.730211	1.36981	0.0385	0.440221	0.224388	1
cg34629909	MTMR11;MTMR11;MTMR11	0.222667	0.354351	1.44612	1.44612	0.82912	1.08728	1.08728	0.0669372	2.21459	2.21459	0.0270352	2.75929	2.75929	0.402545	1.39326	1.39326	0.450234	1.34604	1.34604	0.497592	1.34748	1.34748	0.515169	1.28797	1.28797	0.619765	1.25927	1.25927	1.74383	1.41922	2.10989	1
cg15013525	NRSA2;NRSA2	0.222672	0.106997	0.235796	-4.24092	0.0221224	0.105098	-9.49	0.54510922	0.16115	-6.19771	0.628031	0.66973	-1.49314	0.268836	0.388448	-2.57435	0.534711	0.596754	-1.67573	0.165309	0.296665	-3.37076	0.232984	0.358124	-2.79233	0.692737	0.721735	-1.38555	1.74382	3.16201	1.49131	1
cg18024037	FTCD;FTCD	0.222673	0.844822	0.943395	-1.06	0.79421	1.08083	1.08083	0.226878	0.68785	-1.45829	0.91697	0.960468	-1.03149	0.0110388	0.381225	-2.62312	0.132447	0.617072	-1.62056	0.184744	0.658177	-1.51935	0.635996	0.86782	-1.15231	0.614843	0.859965	-1.16284	1.74382	2.44197	1.24476	1
cg20886431	GLT1D1	0.222674	0.835648	1.08254	1.08254	0.0127149	0.544949	1.83427	0.0132139	0.521119	-1.91895	0.358869	0.580229	-1.72346	0.0181414	0.550158	1.81724	0.284864	1.61447	1.6274	0.0218748	0.794148	-1.25921	0.148089	0.204548	0.0772474	0.422826	0.306502	3.26262	1.74382	1.70324	0.97234	1
cg13447397	RPH3AL	0.222676	0.874875	0.847701	-1.17966	0.333308	0.35122	-2.84722	0.4498	2.24219	2.24219	0.932228	0.91468	-1.09328	0.944726	0.92988	-1.07541	0.911412	0.88986	-1.12377	0.0235344	17.047	17.047	0.335325	0.35285	-2.83407	0.0952062	0.146283	-6.83607	1.74381	30.3615	15.4765	1
cg14176475	TTF1	0.222677	0.641107	0.866004	-1.15493	0.463533	1.25552	1.25552	0.40859	1.29404	1.29404	0.0562351	0.513718	-1.93357	0.697287	0.887619	-1.12661	0.760548	0.910993	-1.0977	0.0183619	0.439588	-2.2833	0.0934034	0.192329	-5.1807	0.0732303	0.089808	-11.0181	1.7438	2.58663	1.30934	1
cg01172899	SLC16A14	0.222679	0.250433	0.442046	-2.35712	0.560928	0.657198	-1.52161	0.800484	1.19817	1.19817	0.142422	0.324403	-3.08259	0.0631099	0.224821	-4.44798	0.302922	0.466788	-2.1423	0.0634879	0.227541	-4.4362	0.0455942	0.194634	-5.13786	0.203521	0.383566	-2.60711	1.74379	14.0778	7.1761	1
cg14797580	FASN	0.222682	0.80948	1.11469	1.11469	0.561239	1.30224	1.30224	0.520224	1.34045	1.34045	0.846647	1.09094	1.09094	0.413697	0.686846	-1.45593	0.057066	0.379905	-2.63223	0.0238396	0.297523	-3.36109	0.552975	1.30971	1.30971	0.579885	0.777749	-1.28576	1.74378	5.58098	2.8449	1
cg24357463	TBX2	0.222685	0.259775	0.73718	1.35718	0.704542	1.49356	1.49356	0.0156977	0.24553	-4.31822	0.0299841	0.374554	-2.67009	0.0887619	0.244113	4.09359	0.0429	0.650017	1.53844	0.0861916	0.86642	1.15642	0.402619	0.72965	-1.37046	0.0949315	0.60429	1.6549	1.74377	11.3494	6.03204	1
cg01773217	GPR12	0.222687	0.780085	0.827136	-1.20899	0.0483409	0.61666	-1.61666	0.124308	3.09068	3.09068	0.20764	2.46184	2.46184	0.478983	1.62905	1.62905	0.0949956	1.46948	1.46948	0.105353	3.31918	3.31918	0.063179	1.42249	1.42249	0.0715519	1.91318	1.91318	1.74376	12.6968	6.47222	1
cg04342761	DNHC11;DYNC1I1;DYNC1I1	0.222689	0.444861	1.78202	1.78202	0.0478003	0.83122	1.22454	0.207741	0.648342	-1.27041	0.460942	0.712244	-1.40434	0.0481369	0.477247	2.09542	?	?	?	?	0.0477362	2.09541	0.0477362	0.447013	-2.23662	0.0715159	0.913183	1.09541	1.74376	1.63128	0.745519	0.462442	1
cg02319142	SLC26A2	0.222697	0.407148	0.849399	-1.1773	0.457766	0.864543	-1.15668	0.865205	1.03325	1.03325	0.412587	1.17499	1.17499	0.285652	1.23796	1.23796	0.158548	0.748167	-1.3366	0.0516088	1.53182	1.53182	0.182034	1.31346	1.31346	0.216293	1.28463	1.28463	1.74372	1.02333	0.521659	1
cg00530740	GCLC	0.222699	0.916011	0.980554	-1.01983	0.135655	1.34901	1.34901	0.19201	0.351981	1.91918	0.388998	0.848452	-1.17862	0.708102	0.708125	1.07241	0.157701	0.75486	-1.32475	0.290172	1.12265	1.12265	0.494125	0.709908	-1.40863	0.177209	1.30602	1.30602	1.74371	0.957019	0.487858	1
cg17636193	KIAA1377;ANGPTL5	0.222701	0.941379	0.902903	-1.10785	0.824145	0.9207	-1.08611	0.128981	0.61025	-1.63939	0.887718	1.0025	-1.00175	0.0144	1.69619	1.69619	0.308984	1.10202	1.10202	0.25633	0.84401	-1.18482	0.622222	1.21719	1.21719	0.0386002	1.37616	1.37616

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg20111269	BTBD11	0.222919	0.770232	0.802846	-1.16165	0.45772	0.979159	-1.47241	0.228862	0.524175	-1.90776	0.398334	1.55647	1.55647	0.0415059	0.300394	-1.32807	0.844724	1.904546	-1.10553	0.280055	1.77624	1.77624	0.0523752	0.523432	-1.00194	0.998145	1.00119	1.00119	1.74277	7.22493	3.68502	1
cg00895705	WNK3;WNK3	0.22292	0.0251785	0.0206964	-48.3176	0.680479	0.547105	-1.8278	0.998329	1.003005	1.00305	0.2454	5.8686	5.8686	0.529857	2.53203	2.53203	0.106168	0.0765351	-13.0659	?	?	?	0.689336	0.556954	-1.79548	0.866258	1.27827	1.27827	1.75	52.2634	29.8648	1
cg10546459	FEZ2;FEZ2	0.222922	0.197044	1.77104	1.77104	0.37513	0.684035	-1.46191	0.656657	0.8302	-1.20453	0.0999199	0.467729	-2.13799	0.226913	0.587954	-1.70081	0.963339	0.981082	-1.01928	0.123801	0.495982	-2.0162	0.146364	1.92514	1.92514	0.258641	0.610831	-1.63712	1.810496	4.84784	2.08207	1
cg03147430	PLCG2	0.22932	0.59743	0.687757	-1.46581	0.0125756	0.107439	-9.30758	0.10024	0.274041	-3.64909	0.610952	1.44597	1.44597	0.905449	0.918207	-1.08898	0.21145	1.388175	-2.57616	0.241871	0.414564	-2.41217	0.466587	0.587361	-1.70327	0.893583	0.908275	-1.10099	1.74272	14.2615	7.27422	1
cg25793521	UCP1	0.22932	0.588591	0.484139	-2.06552	0.203991	0.534455	0.93445	0.394961	0.314336	-3.18131	0.0658584	0.0644741	-15.5101	0.497143	0.384557	-2.60039	0.115232	0.102816	-9.72612	0.713519	1.63201	1.63201	0.122269	9.25015	9.25015	0.822231	1.3484	1.3484	1.74272	48.7008	24.8403	1
cg01383799	MAZ;MAZ	0.22935	0.100549	0.26943	3.71554	0.354802	2.03075	2.45075	0.705601	0.753944	-1.32636	0.146777	0.313817	-1.18657	0.0678926	0.218317	4.5805	0.954481	1.0434	1.0434	0.053992	0.196357	-5.09276	0.230419	0.392064	-2.5506	0.46634	0.575992	-1.73613	1.7427	15.2858	7.79071	1
cg22355537	SPTBN1	0.22294	0.59703	0.754355	-1.32564	0.0264973	4.01397	4.01397	0.0440838	3.99467	3.99467	0.676166	1.24851	1.24851	0.651395	0.78638	-1.27165	0.147583	2.27262	2.27262	0.969339	1.02052	1.02052	0.621474	1.30078	1.30078	0.47093	1.47329	1.47329	1.74268	7.70467	3.92992	1
cg25108125	UBE2U	0.222942	0.349087	1.83918	1.83918	0.2668843	1.98052	1.98052	0.365987	1.78935	1.78935	0.0984448	0.318203	-3.14265	0.527705	1.49823	1.49823	0.793648	1.17995	1.17995	0.0302951	0.800063	-0.99846	0.783465	0.840249	-1.19012	0.907394	1.07063	1.07063	1.74267	11.0191	5.62651	1
cg12938320	CLDN18;CLDN18	0.222943	0.607068	0.8176552	-1.22301	0.0108831	1.45827	3.45827	0.653069	1.09197	1.09197	0.887666	1.05581	1.05581	0.561927	0.796448	-1.25557	0.981689	1.00895	1.00895	0.213707	0.6016166	-1.66219	0.981327	1.00912	1.00912	0.388153	1.40954	1.40954	1.74267	4.15716	2.12045	1
cg05816193	HIST1H1A	0.222947	0.0940599	5.36574	5.36574	0.5715156	1.68508	1.68508	0.07019969	6.25136	6.25136	0.225226	3.19756	3.19756	0.266981	2.87312	2.87312	0.511179	1.83702	1.83702	0.131328	4.42215	4.42215	0.04891	7.78505	7.78505	0.0584328	7.03835	7.03835	1.74265	22.9861	11.7247	1
cg03801816	GBA;GBA;GBA;GBA	0.222949	0.0509934	2.1754777	2.1754777	0.324982	1.08445	1.08445	0.0264542	1.26264	1.26264	0.0983084	1.01721	1.01721	0.678557	1.03041	1.03041	1.14994	1.10725	1.10725	0.0887739	1.10347	1.10347	0.0884819	1.11941	1.11941	0.0878451	1.10412	1.10412	1.74264	0.4422128	0.225521	1
cg16267162	LAMA4;LAMA4;LAMA4;LAMA4;LAMA4	0.222951	0.502119	0.894205	-1.11831	0.321547	1.18307	1.18307	0.503979	1.11775	1.11775	0.233867	1.22737	1.22737	0.859254	0.971283	-1.02957	0.763537	1.05078	1.05078	0.0282342	0.6535881	-1.53002	0.1143157	1.32567	1.32567	0.70187	1.06517	1.06517	1.74264	0.743743	0.379371	1
cg17741809	LIPA;LIPA	0.222953	0.0597578	7.44733	7.44733	0.17291	3.93881	3.93881	0.518839	1.85551	1.85551	0.341301	2.52644	2.52644	0.88094	0.867916	-1.15219	0.194118	3.66367	3.66367	0.0695007	6.81423	6.81423	0.0596003	7.45889	7.45889	0.101049	5.4592	5.4592	1.74263	24.656	12.5766	1
cg03201507	BRD2;BRD2	0.222955	0.149394	0.791294	-1.26375	0.895197	1.02016	1.02016	0.302813	1.17542	1.17542	0.569373	0.916607	-1.09098	0.512712	1.071	1.071	0.708913	1.05843	1.05843	0.3103823	0.623751	-1.60471	0.117867	1.03685	1.03685	0.77566	0.957657	-1.04422	1.74262	0.63285	0.322809	1
cg21949157	TBC1D4	0.222956	0.4758344	0.7897062	-1.2662	0.893177	1.04471	1.04471	0.469487	1.25257	1.25257	0.1302	1.08066	1.08066	0.70972	1.00792	1.00792	0.177225	0.62697	-1.59497	0.0190035	2.52033	2.52033	0.190323	0.6368837	-1.57064	0.669597	0.8609595	-1.14996	0.919061	1.03326	1.03326	1.7426	2.92458	1.49181	1
cg17205928	FAM123A;FAM123A	0.222961	0.389735	0.759359	-1.3169	0.929051	0.972569	-1.0282	0.0491483	2.01659	2.01659	0.179517	1.56093	1.56093	0.349169	0.740068	-1.35123	0.742473	1.902142	-1.10847	0.221584	0.6694665	-1.49373	0.291782	0.710602	-1.40726	0.239336	1.46939	1.46939	1.74259	2.69224	1.3733	1
cg16431369	THAP1;DNAJC11 S100A13;S100A13;S100A13;S100A13;S100A1;S10	0.222962	0.123924	1.48964	1.48964	0.169972	1.41853	1.41853	0.213426	0.730967	-1.36805	0.821375	0.947346	-1.05558	0.806109	0.942875	-1.06059	0.146791	0.689019	-1.45134	0.218882	1.36238	1.36238	0.121234	1.49465	1.49465	0.699018	1.09739	1.09739	1.74259	1.57903	0.805457	1
cg20847746	OAS;S100A13	0.222964	0.289957	0.445859	-2.24286	0.0118926	0.0993658	-10.0638	0.108577	0.276028	-3.62282	0.816817	0.843118	-1.18607	0.155235	0.326744	-3.0605	0.323833	0.472651	-2.11573	0.938053	0.944439	-1.05883	0.512724	0.613698	-1.62947	0.816248	1.18672	1.18672	1.74258	14.9276	7.61457	1
cg20726640	EPHX2;NIL	0.22297	0.729392	1.0883	1.0883	0.0463389	0.898766	-1.15261	0.593924	0.876756	-1.14057	0.614954	0.883746	-1.13155	0.812398	1.00964	1.00964	0.504464	1.17944	1.17944	0.0666905	2.35599	2.35599	0.54228	1.16219	1.16219	0.676478	1.10766	1.10766	1.74256	1.63862	0.835868	1
cg17611951	PCLO;PCLO;PCLO;PCLO	0.222971	0.766326	0.962843	-1.03859	0.767725	1.03831	1.03831	0.055522	1.31714	1.31714	0.89138	1.0175	1.0175	0.674805	0.975787	-1.02481	0.236627	1.17047	1.17047	0.0665746	0.770178	-1.2984	0.537803	1.08241	1.08241	0.117723	1.24068	1.24068	1.74255	0.4447217	0.226853	1
cg24640821	TBCK;TBCK;TBCK;TBCK	0.222978	0.132376	0.322214	-3.10153	0.0428312	0.195587	-5.10577	0.0537811	2.4243	2.4243	0.464369	0.919418	0.919418	0.502499	-1.77778	0.0631087	0.153728	-4.29585	0.509663	0.627212	-1.59436	0.0196772	0.539477	0.742756	-1.34656	0.917672	1.07477	1.07477	1.74252	1.94233	0.846746	1
cg04689532	WSCD1	0.222978	0.933304	1.04798	1.04798	0.0213611	0.212581	-4.70408	0.94416	1.04	1.04	0.0719172	0.324734	-3.07944	0.684927	0.795824	-1.25656	0.0733649	0.327002	-3.05808	0.739257	1.20563	1.20563	0.785593	0.858421	-1.16493	0.494811	0.678344	-1.47418	1.74252	8.64997	4.41249	1
cg04324509	PCNP	0.222982	0.63385	0.908316	-1.10094	0.150889	0.734551	-1.36138	0.235335	0.779387	-1.28306	0.410775	0.884881	-1.1836	0.232094	0.777907	-1.2855	0.0336571	0.608229	-1.64412	0.200046	1.33164	1.33164	0.167486	1.18138	1.18138	0.604509	0.900588	-1.11039	1.7425	1.10831	0.565373	1
cg23302040	HOXB3	0.222983	0.746383	0.931561	1.07355	0.7599649	0.977304	-1.0238	0.868813	1.04113	1.04113	0.776511	0.993511	0.993511	0.987855	1.00673	1.00673	0.607934	1.13623	1.13623	0.34461	0.788722	-1.26787	0.213753	1.03015	1.03015	0.82185	1.02018	1.02018	1.74249	0.8368444	0.480234	1
cg16601836	ETV6	0.222988	0.324223	0.831569	-1.20255	0.305973	1.2117	1.2117	0.851085	1.03463	1.03463	0.0261879	1.612631	1.612631	0.853018	1.03417	1.03417	0.407657	0.857751	-1.16584	0.0703454	1.44261	1.44261	0.501147	1.13167	1.13167	0.451936	1.14893	1.14893	1.74248	0.9057314	0.462039	1
cg17069573	AIDA;C1orf58;C1orf58	0.222983	0.556313	1.11426	1.11426	0.0262416	1.3722	1.3722	0.0665567	2.038385	1.3729	0.3121412	1.39785	1.39785	0.927956	1.00161	1.00161	0.360642	1.17628	1.17628	0.150547	1.296278	1.30501	0.915755	0.953113	1.19656	1.19656	1.28463	1.21157	1.21157	1.74248	0.8237007	0.420197	1
cg07794698	BRD2;BRD2	0.22299	?	?	?	0.583777	1.53116	1.53116	0.0313838	0.306587	-7.32134	0.289436	2.34022	2.34022	0.442542	1.829	1.829	?	?	?	0.654646	0.707154	-1.41412	0.809134	1.24055	1.24055	1.83333	11.2012	7.12807	1
cg27062369	DDIT4L	0.222994	0.0676257	1.91316	1.91316	0.749132	1.10509	1.10509	0.0327625	2.21915	2.21915	0.262059	1.4425	1.4425	0.324099	0.727187	-1.37516	0.848664	1.06128	1.06128	0.541569	0.8225323	-1.21135	0.459783	0.790629	-1.26482	0.958399	1.01637	1.01637	1.81063	2.72018	1.16848	1
cg04404982	ITGAL;ITGAL	0.222994	0.510523	1.08693	1.08693	0.172496	1.45251	1.45251	0.0659	1.96468	1.96468	0.0825067	1.644303	1.644303	0.827504	1.14772	-1.17779	0.526368	0.831764	-1.2025	0.314118	1.43032	1.43032	0.157946	0.64844	-1.54216	0.865454	1.04986	1.04986	1.74245	2.27215	1.15911	1
cg16587616	KHDRBS2;KHDRBS2	0.222996	0.0272768	20.1749	20.1749	15.70106	3.70184	3.70184	0.69384	1.57811	1.57811	0.638781	0.580556	-1.72249	0.49704	0.452461	2.21013	0.979356	0.970679	-1.03021	0.943435	0.92163	-1.08503	0.427097	2.5411	2.5411	0.0535679	12.4458	12.4458	1.74245	36.5043	18.6223	1
cg24811125	GRK5	0.222997	0.380945	0.7076	0.8266	0.2638063	3.48226	3.48226	0.0441362	2.44145	2.44145	0.43535	0.822485	0.822485	0.293732	0.907642	-1.10164	0.314404	1.45315	1.45315	0.0885757	0.6195975	-1.61455	-6.7497	0.8479157	0.97117	0.742078	0.699663	-1.42916	1.74244	3.2357	1.66451	1
cg02767601	RMI1 BDNF;BDNF;BDNF;BDNF;BDNF;BDNF;B DNF;BDNF;BDNF;BDNF;BDNF;BDNF;BD	0.223001	0.575566	0.907672	-1.10172	0.0616145	0.697295	-1.43411	0.437307	1.14533	1.14533	0.0443162	0.673349	-1.48511	0.215654	1.25004	1.25004	0.802403	0.957969	-1.04388	0.956592	0.990722	-1.00937	0.338577	1.18405	1.18405	0.852818	1.03232	1.03232	1.74243	0.8093365	0.412893	1
cg06991510	NF;BDNF	0.223004	0.332355	2.01922	2.01922	0.1514432	2.94489	2.94489	0.122975	3.23567	3.23567	0.554005	1.52292	1.52292	0.58135	1.47897	1.47897	0.996535	0.996953	-1.00306	0.756723	1.24403	1.24403	0.00884587	10.399	10.399	0.595962	1.45647	1.45647	1.74241	13.6258	6.95117	1
cg20594015	PIGG;PIGG	0.223009	0.541202	1.78236	1.78236	0.8231528	0.914228	-1.03182	0.837383	1.08369	1.08369	0.562601	0.792669	0.792669	0.945354	1.08945	1.08945	0.678649	1.04462	-1.2221	0.64515	1.32008	1.32008	0.0994678	0.97526	-1.02537	0.927376	0.669385	-1.49391	1.74239	4.54756	2.21793	1
cg24491164	CCND1;CCND1	0.22301	0.063552	0.796028	-1.25624	0.857084	1.01991	1.01991	0.552876	0.936457	-1.06785	0.0128173	0.713169	-1.40219	0.200436	0.862525	-1.15939	0.545644	0.935307	-1.06917	0.786831	0.970793	-1.03099	0.384595	0.907115	-1.1024	0.914228	1.01185	1.01185	1.74239	0.3300006	0.168355	1
cg05183348	TBCD	0.223016	0.189637	0.803347	-1.24479	0.5719366	1.09419	1.09419	0.0353674	1.47133	1.47133	0.54559	1.1012	1.1012	0.889488	1.02215	1.02215	0.0768636	1.36355	1.36355	0.274341	0.8358844	-1.19634	0.639092	1.07729	1.07729	0.930249	1.01389	1.01389	1.74236	0.6854466	0.3497	1
cg22120048	CASP6;CASP6	0.22302	0.312841	0.795869	-1.25646	0.708152	1.21453	1.21453	0.0294436	1.30915	1.30915	0.197963	1.8565	1.8565	0.0454405	2.84381	2.84381	0.423999	0.839265	-1.19139	0.0267226	1.56323	1.56323	0.0178585	2.17568	2.17568	0.0124724	3.70491	3.70491	1.74234	0.7994	0.351664	1
cg15651980	GRIN2D	0.223021	0.794873	1.15274	1.15274	0.188591	2.1822	2.1822	0.111885	2.57155	2.57155	0.86033	1.1062	1.1062	0.61256	1.02146	1.02146	0.251867	1.97035	1.97035	0.0762156	1.80742	1.80742	0.0187142	1.83756	1.83756	0.0178296	1.47428	1.47428	1.74234	8.21325	4.19015	1
cg02302040	C19orf38	0.223024	0.86666	1.03361	1.03361	0.2756	0.7769949	-1.3038	0.863813	1.04113	1.04113	0.776511	0.993511	0.993511	0.987855	1.00673	1.00673	0.607934	1.13623	1.13623	0.34461	0.788722	-1.26787	0.213753	1.03015	1.03015	0.82185	1.02018	1.02018	1.74234	0.8368444	0.480234	1
cg25690199	PCGF3	0.223025	0.600396	1.17018	1.17018	0.28287	1.39344	1.39344	0.557395	1.19295	1.19295	0.744415	1.10215	1.10215	0.152213	0.633755	-1.5778	0.113459	0.599222	-1.66883	0.580799	0.847181	-1.18039	0.532787	0.828741	-1.20665	0.0319483	0.473617	-2.11141	1.74232	2.43955	1.2446	1
cg10795373	AIDA;C1orf58;C1orf58	0.223027	0.581275	0.863904	-1.15746	0.0430323	1.8487	1.8487	0.003762	1.95348	1.95348	0.358845	0.77068	-1.29756	0.929089	1.02377	1.02377	0.360642	1.17628	1.17628	0.150547	1.296278	1.30501	0.915755	0.953113	1.19656	1.19656	1.28463	1.21157	1.21157	1.74248	0.8237007	0.420197	1
cg20191747	MSMB;MSMB	0.223028	0.0823346	0.305402	-3.27438	0.575683	0.705732	-1.41697	0.242797	0.407782	-2.45703	0.599427	0.470788	-2.12412	0.599427	1.733138	-1.38631	0.158632	0.53126	-1.88243	0.215326	2.523126	2.523126	0.0191891	0.089069	0.089069	0.0018	0.173639	0.695419	1.27444	1.27444	0.58681	1.40243	1.40243	1.74231	0.908401	0.534773	1
cg01256052	CPSF4;PTCD1;CPSF4 CSorf13;CSorf13;CSorf13;CSorf13;CSor f13;CSorf13;CSorf13;CSorf13;CSorf13; CSorf13	0.22303	0.317098	0.639356	-1.5774	0.174694	1.88932	1.88932	0.439487	1.41548	1.41548	0.634849	0.809902	-1.23472	0.421313	0.69626	-1.43625	0.0293952	0.322831	-3.0976	0.210598	0.559135	-1.78848	0.380677	1.48629	1.48629	0.78158	0.8847715	-1.13031	1.7423	5.35931	2.73422	1
cg26090167	CSorf13;CSorf13	0.223034	0.950364	0.982789	-1.01751	0.174435	0.668343	-1.49624	0.604115	1.15705	0.1575035	0.0325331	0.497678	-2.00933	0.94104	0.979583	-1.02084	0.209473	0.691503	-1.44613	0.98547	0.994934	-1.00509	0.650523	0.880569	-1.13563	0.0953376	1.666399	1.666399	1.74228	2.14598	1.09485	1
cg20603637	AP3M2;AP3M2	0.223034	0.239673	5.31363	5.31363	0.898802	0.842629	-1.18676	0.0383359	27.3614	27.3614	0.221971	0.175111	-5.71067	0.824508	1.34883	1.34883	0.886943	0.825601	-1.21124	0.50254	0.399037	-2.50603	0.104493	11.2879	11.2879	0.204789	6.15504	6.15504	1.81044	50.932	21.8807	1
cg27565794	DNAJB6	0.223035	0.421788	1.22993	1.22993	0.41212	1.23551	1.23551	0.244682	1.35923	1.35923	0.556928	0.860856	-1.16163	0.721001	0.913532	-1.09465	0.736107	1.08905	1.08905	0.0116215	2.21562	2.21562	0.129264	1.51193	1.51193	0.921572	1.02515	1.02515	1.74228	1.75503	0.895393	1
cg14980060	MRPS33;MRPS33	0.223041	0.922211	1.0228	1.0228	0.0799972	0.972742	-1.02644	0.54092	0.916538	-1.09107	0.203395	1.19096	1.19096	0.453535	1.30408	1.30408	0.0720505	1.01061	1.01061	0.927255	0.7750606	-1.29068	0.0219591	0.698379	-1.43189	0.449481	0.5004259	-1.99752	1.10552	0.538279	0.922091	-1.08449	0.74626	0.965675	0.238541	1
cg03854796	PAK6;PAK6;PAK6	0.223044	0.232334	2.04548	2.04548	0.2214877	4.84576	4.84576	0.0965335	2.83623	2.83623	0.961472	0.972777	-1.02798	0.111751	2.69012	2.69012	0.32487	1.78757	1.78757	0.4844801	1.50021	1.50021	0.0983085	2.81768	2.81768	0.7483155	1.20208	1.20208	1.74224	9.00749	4.5956	1
cg08709557	EGFL8	0.223047	0.909273	0.949487	-1.05312	0.0294436	1.39315	1.39315	0.197963	1.8565	1.8565	0.0454405	2.84381	2.84381	0.871905	1.07392	1.07392	0.739583	0.85926	-1.16379	0.858227	1.08469	1.08469	0.0137585	2.19104	2.19104	0.68369	1.20474	1.20474	1.74224	5.70491	2.91064	1
cg09511126	MPSE2;HPSE2;MPSE2;HPSE2	0.223045	0.137627	5.35065	5.35065	0.586817	1.77823	1.77823	0.0242966	16.7153	16.7153	0.83019	0.778286	-1.25268	0.679043	0.646318	1.54723	0.456167	0.451079	-2.21691	0.58481	0.560587	-1.78384	0.0944373	0.87906	0.87905	0.915163	1.11827	1.11827	1.74224	30.363	15.4912	1
cg21438664	HNRNPC;HNRNPC;HNRNPC;HNRNPC	0.223051	0.660964	0.497368	-2.01058	0.174134	1.63513	1.63513	0.892731	1.04696	1.04696	0.361211	1.37607	1.37607	0.914386	1.03725	1.03725	0.530431	1.24128	1.24128	0.176806	0.6136621	-1.62956	0.213026	1.56212	1.56212	0.162556	1.66042	1.66042	1.74221	3.19191	1.62853	1
cg10468340	PIK3CB	0.223053	0.68462	0.869964	-1.15746	0.0430323	1.8487	1.8487	0.003762	1.95348	1.95348	0.358845	0.77068	-1.29756	0.929089	1.02377	1.02377	0.360642	1.17628	1.17628	0.150547	1.296278	1.30501	0.915755	0.953113	1.19656	1.19656	1.28463	1.21157	1.21157	1.74248	0.8237007	0.420197	1
cg18987284	TUBA3E	0.223054	0.141726	0.836967	-1.19479	0.828773	0.975898	-1.0247	0.386154	0.904773	-1.10525	0.674831	1.04868	1.04868	0.0108881	0.698082	-1.4325	0.238618	0.870202	-1.14916	0.378117	0.903153	-1.10723	0.891266	0.984711	-1.01553	0.67753	1.04823	1.04823	1.7422	0.3501013	0.178627	1
cg04778311	ATP6V1C1;ATP6V1C1	0.223055	?	?	?	0.105515	1.14589	1.14589	0.0230208	1.57644	1.57644	0.74089	2.20674	2.20674	0.0107766	0.452639	-2.20933	?	?	?	0.0402688	0.4256133	0.2358207	0.156706	0.0402688	0.0402688	0.0018	0.107905	0.0402688	0.0402688	1.74219	2.15827	0.1228281	2.16206

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00606464	TM9SF3	0.223246	0.137943	0.714181	-1.4002	0.162211	0.730179	-1.36953	0.304576	0.799275	-1.25113	0.582846	0.889685	-1.12399	0.0523362	0.628125	-1.59204
cg16162927	BCLAF1;BCLAF1;BCLAF1;BCLAF1;BCLAF1;BCLAF1	0.22325	0.50492	1.09319	1.09319	0.161449	1.21766	1.21766	0.234033	1.17857	1.17857	0.775583	0.963058	-1.03836	0.359412	1.13213	1.13213
cg05662655	DSC2;DSC2	0.22325	0.282997	0.625872	-1.59777	0.239105	0.595771	-1.6785	0.306608	0.64106	-1.55992	0.678931	0.839581	-1.19107	0.0282491	0.336836	-2.96881
cg11676353	MACF1	0.223255	0.0826984	0.288569	-3.46538	0.237743	2.2252	2.2252	0.965265	1.02856	1.02856	0.68978	1.29625	1.29625	0.546702	0.674046	-1.48358
cg27075419	ARHGAP1	0.223257	0.349844	0.679822	-1.47097	0.306136	1.52945	1.52945	0.950951	1.02498	1.02498	0.254147	0.620313	-1.61209	0.203043	0.583407	-1.71407
cg22077197	HDAC4	0.223258	0.162233	0.332018	-3.01189	0.238777	2.48841	2.48841	0.532889	1.59471	1.59471	0.524603	0.621	-1.61031	0.622169	1.44341	1.44341
cg17191443	MATN4;MATN4;MATN4	0.223259	0.886058	1.04264	1.04264	0.0206878	2.25101	2.25101	0.200206	1.48303	1.48303	0.479009	1.23318	1.23318	0.332418	1.33804	1.33804
cg21547845	TAS1R1;TAS1R1;TAS1R1;TAS1R1	0.223266	0.902001	1.03008	1.03008	0.0316817	0.545549	-1.83302	0.0278749	0.535157	-1.86861	0.828159	0.949046	-1.05369	0.613786	0.884768	-1.13024
cg06063519	IGF1R	0.223267	0.374358	0.532319	-1.87857	0.0758737	0.255103	-3.91998	0.101239	0.289121	-3.45876	0.713913	0.775222	-1.28995	0.0229474	0.152391	-6.56207
cg05404701	PAWR	0.22327	0.016632	0.478465	-2.09002	0.419201	1.2313	1.2313	0.851762	1.04829	1.04829	0.325366	0.774142	-1.29175	0.742787	0.92034	-1.08656
cg16646298	FLOT1	0.223272	0.700123	1.30601	1.30601	0.0449464	4.89147	4.89147	0.0144581	7.9968	7.9968	0.781448	1.2115	1.2115	0.690005	1.3186	1.3186
cg22042546	ARID1A;ARID1A	0.223274	0.183332	1.56754	1.56754	0.401653	1.3143	1.3143	0.0591301	1.97086	1.97086	0.592744	1.18756	1.18756	0.534617	1.22169	1.22169
cg04648847	GFM2;GFM2;NSA2;GFM2	0.223278	0.311381	1.21527	1.21527	0.0620102	0.676261	-1.47872	0.888307	1.02651	1.02651	0.805111	1.0471	1.0471	0.565126	1.11433	1.11433
cg11059800	EEF2K	0.223278	0.217191	0.647572	-1.54423	0.952853	1.01999	1.01999	0.109303	1.79385	1.79385	0.709973	1.13317	1.13317	0.230471	0.656373	-1.52352
cg19192120	SSH3	0.223279	0.994205	1.00273	1.00273	0.278164	0.654413	-1.52809	0.706415	0.867373	-1.15291	0.191368	1.68224	1.68224	0.908356	0.957625	-1.04425
cg04676446	SLC6A8;SLC6A8;SLC6A8	0.22328	0.16491	0.519409	-1.92526	0.286855	0.613233	-1.6307	0.608938	0.796004	-1.25628	0.10732	2.17534	2.17534	0.48935	0.733056	-1.36415
cg08874645	SLC29A3	0.223281	0.10714	0.472234	-2.11759	0.451706	1.38694	1.38694	0.0422141	0.368498	-2.71372	0.548845	0.771995	-1.29535	0.829873	0.912293	-1.09614
cg08521263	GABPA	0.223284	0.954064	0.991137	-1.00894	0.694299	0.94078	-1.06295	0.977506	0.995652	-1.00437	0.111923	1.30673	1.30673	0.017715	1.56164	1.56164
cg14531038	PARK7;PARK7	0.223288	0.476942	0.77215	-1.29508	0.0280358	0.395383	-2.52919	0.518643	0.791392	-1.2636	0.673841	1.16342	1.16342	0.0540051	0.457464	-2.18596
cg05801817	ZNF574	0.223289	0.717	1.07899	1.07899	0.101	1.45514	1.45514	0.337752	1.22924	1.22924	0.285732	1.26056	1.26056	0.370156	0.825138	-1.21192
cg14087413	TMEM8B;TMEM8B	0.223291	0.0326335	0.236315	-4.23164	0.314549	1.82224	1.82224	0.198687	2.18948	2.18948	0.246257	0.496776	-2.01298	0.348217	0.572796	-1.74582
cg23473374	FUT8;FUT8;FUT8;FUT8	0.223295	0.218481	0.443361	-2.2555	0.032906	0.208475	-4.79674	0.63809	0.742507	-1.34679	0.297984	0.50765	-1.96986	0.337375	0.537122	-1.86177
cg04243822	C1QTNF1;C1QTNF1;C1QTNF1	0.223303	0.65372	0.742398	-1.34699	0.01716	0.147205	-6.79324	0.0822733	0.280884	-3.56019	0.733127	1.25329	1.25329	0.407941	0.572144	-1.74781
cg09137204	KIAA1026;KIAA1026	0.223306	0.918297	0.968944	-1.03205	0.0195018	2.3823	2.3823	0.143764	1.62084	1.62084	0.97641	1.00913	1.00913	0.243249	0.686995	-1.45561
cg10815657	PPAP2C;PPAP2C;PPAP2C	0.22331	0.175678	2.45076	2.45076	0.839167	1.13486	1.13486	0.543892	1.46584	1.46584	0.544293	1.46527	1.46527	0.736076	0.810102	-1.23441
cg06609843	C3orf50	0.223318	0.770695	0.946537	-1.05648	0.0227256	0.598913	-1.66969	0.722325	0.935121	-1.06938	0.376403	1.18608	1.18608	0.204218	0.777327	-1.28646
cg19464320	UNC119B;UNC119B	0.22332	0.0541792	0.396857	-2.5198	0.122112	2.03123	2.03123	0.764767	1.13532	1.13532	0.29882	0.634173	-1.57686	0.640907	1.21978	1.21978
cg27271368	AR;AR	0.223321	0.229795	0.436323	-2.29188	0.119642	0.329075	-3.03882	0.594917	0.702408	-1.42367	0.0776716	3.63546	3.63546	0.706698	1.28251	1.28251
cg13576883	LOC100190940	0.223322	0.134787	1.30595	1.30595	0.208016	0.802696	-1.2458	0.362421	1.16764	1.16764	0.67564	1.07215	1.07215	0.68188	1.07062	1.07062
cg26578983	KIAA0513	0.223329	0.247833	0.330076	-3.02961	0.303338	0.376017	-2.65945	0.630989	1.55895	1.55895	0.880122	0.870701	-1.1485	0.0971113	0.188151	-5.31487
cg07274314	PDXK	0.223336	0.89167	1.05374	1.05374	0.363214	1.43182	1.43182	0.852251	0.930888	-1.07424	0.127502	0.530995	-1.88326	0.122916	0.526238	-1.90028
cg06529027	ZC3H6;ZC3H6	0.223339	0.185083	0.806097	-1.24055	0.198861	1.23148	1.23148	0.179814	1.24419	1.24419	0.40861	0.878427	-1.1384	0.963222	0.992953	-1.0071
cg11470399	PLK1	0.22334	0.121694	0.798681	-1.25206	0.330774	0.874191	-1.14391	0.879594	0.979895	-1.02052	0.0353927	0.720199	-1.3885	0.843934	0.973937	-1.02676
cg09418618	GDAP1;GDAP1	0.223342	0.235732	0.634802	-1.57529	0.235388	0.63457	-1.57587	0.0667991	0.471629	-2.12031	0.635366	1.19088	1.19088	0.173475	1.69834	1.69834
cg00342743	VDAC2;VDAC2	0.223355	0.0546334	0.648881	-1.54112	0.985069	0.996294	-1.00372	0.476318	1.15452	1.15452	0.728724	0.933256	-1.07152	0.693998	1.08161	1.08161
cg18233416	SPRY4;SPRY4	0.223357	0.363784	0.721316	-1.38636	0.383108	1.3676	1.3676	0.0908853	1.91924	1.91924	0.152129	1.71081	1.71081	0.250622	0.656926	-1.52224
cg15035590	LRIG1	0.223362	0.441613	0.549338	-1.82037	0.00804311	0.0748585	-13.3585	0.408014	0.524074	-1.90813	0.591218	1.51274	1.51274	0.421366	0.534139	-1.87217
cg17179557	GPR123	0.223362	0.910941	1.03808	1.03808	0.0886611	1.87264	1.87264	0.110974	0.559876	-1.78611	0.708762	1.13353	1.13353	0.232047	0.657919	-1.51994
cg27126872	KBTBD11	0.223365	0.87136	1.07632	1.07632	0.167041	0.512454	-1.95139	0.0302507	0.314677	-3.17786	0.695265	1.19562	1.19562	0.461545	0.711636	-1.40521
cg07213414	USP31	0.223368	0.120979	0.469038	-2.13202	0.135533	2.0633	2.0633	0.283363	1.65174	1.65174	0.355054	0.651589	-1.53471	0.0779797	0.41405	-2.41517
cg18480233	CRIM1	0.223374	0.515661	0.826197	-1.21036	0.0293326	2.10327	2.10327	0.0363756	2.02312	2.02312	0.607897	0.860794	-1.16172	0.947767	1.01916	1.01916
cg01145475	SSR1;SSR1	0.223375	0.15924	1.25184	1.25184	0.974145	0.995173	-1.00485	0.412593	1.13324	1.13324	0.339893	0.863412	-1.1582	0.111434	0.771916	-1.29548
cg00949670	COQ5	0.223376	0.753904	1.05737	1.05737	0.408025	1.16197	1.16197	0.952575	0.989506	-1.01061	0.233232	1.2482	1.2482	0.0158531	1.689	1.689
cg13803048	C20orf94;MKKS	0.223384	0.350541	1.26418	1.26418	0.0275828	1.88817	1.88817	0.775967	0.932759	-1.07209	0.492009	1.18561	1.18561	0.302748	0.770709	-1.29751
cg19925215	TPD52;TPD52;TPD52	0.223384	0.712279	1.19777	1.19777	0.322172	1.64583	1.64583	0.542026	0.740294	-1.35081	0.172308	2.02937	2.02937	0.889738	1.06991	1.06991
cg22744587	BARX2	0.223384	0.0539776	0.201211	-4.96992	0.214496	0.383717	-2.60609	0.120679	0.291221	-3.43382	0.384003	0.51982	-1.92374	0.109812	0.278687	-3.58825
cg26662102	AJAP1;AJAP1	0.223384	0.579558	0.732215	-1.36572	0.358081	1.69275	1.69275	0.0758766	3.00501	3.00501	0.269527	1.89722	1.89722	0.0730012	0.328338	-3.04564
cg04718883	MTHFD1L	0.223386	0.338848	0.505855	-1.97685	0.0150694	0.126817	-7.88537	0.111354	0.301539	-3.31633	0.592465	1.45281	1.45281	0.193751	0.386536	-2.58708
cg16995290	CNIH;CNIH	0.223398	0.57202	1.08705	1.08705	0.0910472	1.31271	1.31271	0.393527	1.13628	1.13628	0.0874595	0.758976	-1.31756	0.441884	0.8917	-1.12145
cg00979369	ACTN1;ACTN1;ACTN1	0.223399	0.0216368	0.442002	-2.26243	0.0952005	0.581133	-1.72078	0.485133	0.810577	-1.23369	0.764578	0.914921	-1.09299	0.0732968	0.553621	-1.80629
cg02642822	LOC404266;LOC404266	0.2234	0.72433	0.824444	-1.21294	0.565122	1.37305	1.37305	0.143414	2.35652	2.35652	0.569794	0.73114	-1.36773	0.106438	0.382475	-2.61455
cg19884629	CSMD1	0.223401	0.143077	0.785897	-1.27243	0.878174	1.02376	1.02376	0.461849	1.1215	1.1215	0.329143	1.1667	1.1667	0.750856	1.04997	1.04997
cg08327566	PIK3AP1	0.223403	0.173944	0.461217	-2.16818	0.119848	0.405413	-2.46662	0.0610196	0.323163	-3.09441	0.352087	0.599094	-1.66919	0.350627	0.598108	-1.67194
cg14582245	SS18L2	0.223404	0.805243	0.949738	-1.05292	0.119977	1.42208	1.42208	0.269485	1.27131	1.27131	0.380801	1.20642	1.20642	0.809283	0.950778	-1.05177
cg15038331	PML;PML;PML;PML;PML;PML;PML;PML;PML	0.223407	0.855725	0.904403	-1.1057	0.117996	2.55265	2.55265	0.532438	1.41779	1.41779	0.509381	1.44703	1.44703	0.017518	0.202656	-4.93446
cg09085639	MRPL12	0.223409	0.698387	0.922399	-1.08413	0.0984329	1.45639	1.45639	0.0400498	1.63599	1.63599	0.793351	0.946994	-1.05597	0.386867	0.831932	-1.20202
cg15340887	KDM2B;KDM2B	0.22341	0.249975	1.97877	1.97877	0.753018	0.835943	-1.19625	0.344587	0.575428	-1.73784	0.176121	2.26251	2.26251	0.265648	0.517635	-1.93186
cg21429551	GARS	0.223411	0.187948	0.510614	-1.95842	0.0783555	0.389844	-2.56513	0.880982	1.07484	1.07484	0.525335	0.733414	-1.36349	0.29753	0.594375	-1.68244
cg11370512	PLBD2;PLBD2	0.223429	0.78763	0.962681	-1.03877	0.660398	1.06426	1.06426	0.93354	0.988321	-1.01182	0.145565	1.24622	1.24622	0.677693	1.06064	1.06064
cg02108998	C6orf25;C6orf25;C6orf25;C6orf25;LY6G6C;C6orf25;C6orf25	0.223431	0.211942	0.531534	-1.88135	0.638356	0.796495	-1.2555	0.697722	0.82895	-1.20635	0.0313658	0.297119	-3.36565	0.977534	0.986557	-1.01363
cg12872329	GRID2	0.223444	0.501853	1.22522	1.22522	0.908231	1.03496	1.03496	0.147391	1.58927	1.58927	0.792468	1.08175	1.08175	0.0436145	1.99637	1.99637
cg10275766	LOC91149	0.223447	0.0680365	0.118071	-8.46945	0.586405	0.56309	-1.77592	0.903907	1.13458	1.13458	0.129304	0.180242	-5.54808	0.0432295	0.087941	-11.3713
cg10538440	SIM2;SIM2	0.223451	0.168447	0.311434	-3.21095	0.214056	0.353501	-2.82884	0.452546	1.83733	1.83733	0.757805	0.782026	-1.27873	0.123501	0.265494	-3.76656
cg20976488	PORCN;PORCN;PORCN;PORCN;PORCN	0.223452	0.192847	2.06665	2.06665	0.175809	0.468504	-2.13445	0.115767	0.406366	-2.46083	0.976476	0.984589	-1.01565	0.0453778	0.298491	-3.35018
cg04413153	HHEX	0.223453	0.0376074	7.43863	7.43863	0.89944	0.900161	-1.11091	0.871017	1.14475	1.14475	0.291695	0.402434	-2.48488	0.397498	0.486378	-2.05601
cg15596666	PRAP1;PRAP1	0.223454	0.303992	0.509957	-1.96095	0.0196445	0.16813	-5.94778	0.0376732	0.217608	-4.59543	0.73105	0.803914	-1.24391	0.696009	0.780063	-1.28195
cg14667235	ZP3;SRCRB4D	0.223454	0.827524	0.899312	-1.11196	0.444672	0.684567	-1.46078	0.157702	2.08494	2.08494	0.761923	0.86262	-1.15926	0.0605941	0.357368	-2.79823
cg11628282	MFN1	0.223461	0.858711	1.0376	1.0376	0.0130645	0.528473	-1.89225	0.691239	1.08621	1.08621	0.747886	1.06909	1.06909	0.847557	1.04067	1.04067
cg07331747	ATP6V0E1;ATP6V0E1	0.223461	0.142356	0.736181	-1.35836	0.0896948	1.4381	1.4381	0.577453	1.1155	1.1155	0.104976	1.41067	1.41067	0.391288	1.18599	1.18599
cg07787240	SLC2A5;SLC2A5;SLC2A5	0.223462	0.281775	0.596599	-1.67617	0.162957	0.502741	-1.9891	0.815386	0.89763	-1.11404	0.981312	0.989243	-1.01087	0.0708	0.393694	-2.54004
cg01895890	MTA1	0.223464	0.646488	1.20967	1.20967	0.258233	0.614927	-1.62621	0.12319	1.99039	1.99039	0.394217	0.697884	-1.4329	0.328321	0.659764	-1.51569
cg02322894	PRNT;PRNT;PRNT	0.223471	0.419395	0.472034	-2.11849	0.206021	3.36617	3.36617	0.673092	1.47127	1.47127	0.848924	0.840698	-1.18949	0.115421	0.210707	-4.74593
cg13406893	GPR133	0.223471	0.102625	0.257825	-3.87861	0.580376	0.654556	-1.52775	0.254282	0.405164	-2.46813	0.861903	0.876216	-1.14127	0.0194277	0.117117	-8.5385
cg26632416	C17orf63;C17orf63	0.223471	0.909214	0.939039	-1.06492	0.0581918	3.25588	3.25588	0.416493	1.58075	1.58075	0.743581	1.19841	1.19841	0.382008	0.609954	-1.63947
cg01419881	DGCR11;DGCR2	0.223475	0.338112	1.17965	1.17965	0.277653	1.20791	1.20791	0.113035	0.749331	-1.33452	0.622227	0.920268	-1.08664	0.333233	1.18175	1.18175
cg04486568	ETS2	0.223477	0.155231	0.588844	-1.69824	0.57907	1.21545	1.21545	0.543389	1.23884	1.23884	0.674855	1.15824	1.15824	0.400245	1.34962	1.34962
cg14526039	KLHDC8B	0.223477	0.158204	0.418233	-2.39101	0.718062	1.23307	1.23307	0.482328	1.51075	1.51075	0.825693	0.88034	-1.13593	0.0646655	0.301457	-3.31722
cg16753180	HHLA1	0.223477	0.138335	0.738579	-1.35395	0.213662	0.779827	-1.28234	0.495139	0.876734	-1.1406	0.181505	0.763855	-1.30915	0.0378553	0.632989	-1.57981
cg25532099	FBN2	0.223477	0.193354	0.63567	-1.57314	0.905597	1.03983	1.03983	0.384778	0.74578	-1.34088	0.819985	1.07792	1.07792	0.124005	0.577922	-1.73034
cg21220719	VPS33B;VPS33B	0.223483	0.973207	0.993961	-1.00608	0.167659	0.767034	-1.30372	0.0773391	1.42494	1.42494	0.974727	1.00573	1.00573	0.225419	1.2581	1.2581
cg14290450	DEGS2	0.223488	0.0922542	0.270404	-3.69816	0.116187	3.33643	3.33643	0.739033	0.78982	-1.26611	0.520928	1.58281	1.58281	0.263869	0.439571	-2.27494
cg15044453	MTHFD1L	0.223491	0.133718	0.421203	-2.37415	0.623742	1.30253	1.30253	0.721609	1.21077	1.21077	0.778891	0.860304	-1.16238	0.260438	0.533934	-1.87289
cg08436684	BANP;BANP	0.223491	0.785974	0.943497	-1.05989	0.0324267	1.70768	1.70768	0.197733	1.33767	1.33767	0.807823	1.05345	1.05345	0.263298	0.779425	-1.283
cg03892838	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1	0.223494	0.874332	1.07275	1.07275	0.167508	1.92084	1.92084	0.58213	0.781469	-1.27964	0.346308	0.650313	-1.53772	0.981328	1.01044	1.01044
cg02920851	PCSK9	0.223497	0.347596	0.637917	-1.5676	0.324184	1.60526	1.60526	0.231403	1.7923	1.7923	0.766443	1.14851	1.14851	0.0699701	0.389917	-2.56465
cg06995810	SOX30;SOX30	0.223502	0.733334	1.07167	1.07167	0.917695	1.02114	1.02114	0.959359	0.989739	-1.01037	0.409185	1.18631	1.18631	0.897689	0.974299	-1.02638
cg02701556	CORO2B	0.223503	0.653952	1.05359	1.05359	0.250313	1.14912	1.14912	0.46783	1.08923	1.08923	0.706895	1.04468	1.04468	0.185179	0.849952	-1.17654
cg00992913	C1orf66;C1orf66;ISG20L2;C1orf66;C1orf66	0.223504	0.796962	1.04926	1.04926	0.78829	1.05148	1.05148	0.679675	0.925485	-1.08051	0.874407	1.02994	1.02994	0.02712	0.61393	-1.62885
cg19910763	KCTD3	0.223509	0.786892	0.85314	-1.17214	0.250352	0.494572	-2.02195	0.47591	0.653831	-1.52945	0.599089	1.3647	1.3647	0.146985	0.401613	-2.48996
cg02206636	ALMS1	0.223512	0.19018	0.763553	-1.30967	0.235287	1.27362	1.27362	0.150335	1.34957	1.34957	0.169356	0.752262	-1.32932	0.334105	1.21373	1.21373
cg17324941	CDC10L	0.223513	0.770897	1.32751	1.32751	0.11573	0.190347	-5.25356	0.0243851	13.4999	13.4999	0.675324	1.50488	1.50488	0.857489	1.19053	1.19053
cg16674327	CMPK1;CMPK1	0.223516	0.730833	0.930203	-1.07503	0.889474	0.971288	-1.02956	0.518766	1.14689	1.14689	0.314402	1.24355	1.24355	0.0359089	1.66757	1.66757
cg04046629	CD6	0.223519	0.0467493	5.54168	5.54168	0.0492467	5.40863	5.40863	0.390905	1.937	1.937	0.062776	4.82871	4.82871	0.146081	3.23333	3.23333
cg25705379	SNRPN;SNURF;SNRPN;SNRPN;SNRPN;SNRPN	0.223533	0.0442496	0.389069	-2.57024	0.0697688	0.43675	-2.28964	0.768903	1.12789	1.12789	0.507517	0.759839	-1.31607	0.462861	0.736928	-1.35698
cg01602001	CDH11	0.223538	0.188388	2.05851	2.05851	0.256631	1.84661	1.84661	0.057673	3.04007	3.04007	0.0878384	2.65361	2.65361	0.536296	1.38321	1.38321
cg08451113	DEK;DEK	0.223538	0.0492357	0.38509	-2.5968	0.135195	0.504278	-1.98303	0.35681	0.66837	-1.49618	0.331991	0.653445	-1.53035	0.0424982	0.370417	-2.69966
cg08215191	FAM124A	0.223539	0.31846	0.733241	-1.36381	0.358578	0.752703	-1.32854	0.411814	0.77684	-1.28727	0.654623	0.873281	-1.14511	0.0720403	0.546492	-1.82985
cg17214676	SLC26A7;SLC26A7	0.223541	0.991053	1.00388	1.00388	0.0204835	0.380997	-2.62469	0.278554	0.677485	-1.47605	0.766234	1.10853	1.10853	0.832181	1.07609	1.07609
cg00526163	BAT2L2	0.223542	0.19439	0.546432	-1.83005	0.0428986	0.358519	-2.78925	0.0186467	0.284976	-3.50906	0.471048	0.724142	-1.38095	0.629099	0.80715	-1.23893
cg27347727	HOOK2;HOOK2	0.223543	0.2356	0.822982	-1.21509	0.836324	0.968096	-1.03296	0.0460815	0.698892	-1.43084	0.318192	1.17552	1.17552	0.0437283	0.695336	-1.43815
cg15368845	SERPINB6	0.223544	0.8762	0.924487	-1.08168	0.502721	1.40855	1.40855	0.111752	0.41799	-2.3924	0.938679	0.961992	-1.03951	0.0115503	0.203787	-4.90709
cg01044580	CHD8;CHD8	0.223549	0.644096	0.767688	-1.30261	0.169475	2.29731	2.29731	0.614956	1.33406	1.33406	0.665565	1.28036	1.28036	0.0427275	0.265636	-3.76455
cg00423030	TNRC6C;TNRC6C	0.223556	0.744203	1.13747	1.13747	0.868	0.936657	-1.06763	0.0502618	2.40608	2.40608	0.0767939	2.16894	2.16894	0.462129	1.34243	1.34243
cg27513289	RP2	0.223559	0.128778	0.173635	-5.75921	0.933023	0.914253	-1.09379	0.517643	0.496792	-2.01292	0.173395	4.68765	4.68765	0.643706	1.64337	1.64337
cg20330126	APOL5	0.22356	0.0216654	0.273281	-3.65924	0.877954	0.930243	-1.07499	0.456072	0.699636	-1.42931	0.36607	0.645994	-1.548	0.0709372	0.386983	-2.58409
cg02602300	NAA10	0.223567	0.101685	0.263048	-3.80159	0.121611	0.286287	-3.493	0.393495	0.521292	-1.91831	0.118793	3.53215	3.53215	0.311843	0.458506	-2.181
cg07928191	CTBP1;CTBP1	0.223568	0.804249	0.849575	-1.17706	0.153514	2.72694	2.72694	0.0494475	4.35676	4.35676	0.356601	1.86342	1.86342	0.0906151	0.294088	-3.40034
cg08245023	SMEK2;SMEK2;SMEK2;SMEK2	0.22357	0.983259	1.00808	1.00808	0.041235	0.405095	-2.46856	0.106658	0.508643	-1.96602	0.298083	0.66105	-1.51274	0.442679	1.35036	1.35036
cg27553162	XKR7	0.223571	0.199924	3.44881	3.44881	0.369484	2.32255	2.32255	0.195022	3.5015	3.5015	0.61991	1.57952	1.57952	0.176638	0.268951	-3.71815
cg08293528	CDH23	0.223572	0.0539171	4.90724	4.90724	0.283613	2.24746	2.24746	0.531143	1.58591	1.58591	0.479717	0.593162	-1.68588	0.263323	0.428402	-2.33425
cg08870933	ATXN1L;ATXN1L;ATXN1L	0.223576	0.020793	1.9347	1.9347	0.846527	1.04703	1.04703	0.252894	1.32738	1.32738	0.271325	1.31204	1.31204	0.563686	0.870723	-1.14847
cg11409101	ZNF703	0.223577	0.596176	0.894235	-1.11827	0.541769	1.13781	1.13781	0.584237	0.890914	-1.12244	0.051772	0.629602	-1.5883	0.11661	0.700205	-1.42815
cg01005441	ARHGEF10	0.22358	0.0872089	0.22719	-4.4016	0.740092	1.29856	1.29856	0.327283	2.21132	2.21132	0.98599	0.986315	-1.01387	0.124336	0.270938	-3.69088
cg07276831	FAT3	0.223583	0.483149	1.17253	1.17253	0.342801	0.803911	-1.24392	0.200649	0.739439	-1.35238	0.315918	0.793291	-1.26057	0.273581	0.775344	-1.28975
cg16677019	WNT3	0.223585	0.773644	0.84061	-1.18961	0.469771	0.642251	-1.55702	0.108891	0.34898	-2.8655	0.380975	0.582136	-1.71781	0.384152	1.71132	1.71132
cg05766667	SOCS1	0.223585	0.92908	1.02292	1.02292	0.768781	0.927694	-1.07794	0.78532	0.932845	-1.07199	0.422507	1.23195	1.23195	0.953474	1.01497	1.01497
cg03999932	FMNL2	0.223587	0.275126	0.813584	-1.22913	0.0204241	1.66145	1.66145	0.282037	1.22523	1.22523	0.599065	1.1012	1.1012	0.532285	1.12181	1.12181
cg22327175	SORL1	0.223587	0.154474	0.332337	-3.00899	0.0514151	4.96747	4.96747	0.321709	2.09579	2.09579	0.756384	0.798579	-1.25222	0.120648	0.29623	-3.37576
cg21227886	GLT1D1	0.22359	0.712025	0.933921	-1.07076	0.162147	0.75942	-1.31679	0.0493749	0.661298	-1.51218	0.272067	0.809937	-1.23466	0.789264	1.05063	1.05063
cg18553732	CHKA;CHKA	0.223592	0.7656	1.14362	1.14362	0.319721	1.58649	1.58649	0.885675	0.937466	-1.0667	0.604316	0.79085	-1.26446	0.144299	0.494628	-2.02172
cg15512352	PACSIN3	0.223592	0.714257	1.08076	1.08076	0.239135	1.29739	1.29739	0.221356	1.31192	1.31192	0.772548	0.940627	-1.06312	0.964753	0.990711	-1.00938
cg17589325	TIMM17A	0.223592	0.330521	0.869164	-1.15053	0.883706	1.02065	1.02065	0.910282	0.984381	-1.01587	0.0402275	0.718208	-1.39235	0.542178	1.08999	1.08999
cg20540428	PPP4R2	0.223593	0.210436	0.532548	-1.87777	0.544553	1.34019	1.34019	0.743885	1.16944	1.16944	0.523005	0.73413	-1.36216	0.343002	0.627241	-1.59428
cg06160880	RBM34;RBM34;RBM34	0.223594	0.295829	1.42167	1.42167	0.219474	0.657646	-1.52058	0.423211	0.766836	-1.30406	0.0920106	1.82573	1.82573	0.101689	1.78876	1.78876
cg27546118	PARP11	0.223597	0.0801849	0.584029	-1.71224	0.0184907	0.453124	-2.2069	0.689602	1.11766	1.11766	0.998231	0.999386	-1.00061	0.361193	0.771	-1.29702
cg06371443	CASR	0.223599	0.0472018	0.273125	-3.66133	0.597088	1.35646	1.35646	0.287959	0.532318	-1.87858	0.585179	1.37028	1.37028	0.570455	0.720572	-1.38779
cg20217702	AMOTL2	0.223603	0.104958	0.21687	-4.61107	0.865785	1.15712	1.15712	0.908905	0.905977	-1.10378	0.124821	0.238501	-4.19285	0.123067	0.236647	-4.22569
cg01970427	PRKCZ;PRKCZ	0.223608	0.624137	0.790496	-1.26503	0.413574	0.671724	-1.48871	0.254228	0.567364	-1.76254	0.558558	1.32528	1.32528	0.439374	0.686994	-1.45562
cg09729395	PACRG;PACRG;PACRG	0.223612	0.212782	0.723172	-1.3828	0.141169	1.47826	1.47826	0.050997	1.73155	1.73155	0.337655	0.783377	-1.27653	0.914963	0.973963	-1.02673
cg19849428	LRRC4C;LRRC4C	0.223614	0.149523	1.77387	1.77387	0.684123	1.16208	1.16208	0.411183	1.3626	1.3626	0.342563	1.43396	1.43396	0.0244436	0.363654	-2.74987
cg10900048	COX18;COX18	0.223616	0.262106	0.754102	-1.32608	0.0213315	0.512859	-1.94985	0.438166	0.826242	-1.2103	0.466906	0.836374	-1.19564	0.0426014	0.569243	-1.75672
cg07431973	FRMD6;FRMD6	0.223622	0.279532	0.637174	-1.56943	0.164653	0.551919	-1.81186	0.277612	0.635935	-1.57249	0.996917	1.00155	1.00155	0.0160048	0.306601	-3.26157
cg16537483	MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;MBNL1	0.223624	0.266855	0.457462	-2.18597	0.643763	1.37002	1.37002	0.313618	2.02297	2.02297	0.950847	0.959181	-1.04256	0.38676	0.548923	-1.82175
cg10734734	A1BG	0.223628	0.6484	1.1794	1.1794	0.899282	1.04656	1.04656	0.289332	1.48484	1.48484	0.51712	0.789731	-1.26625	0.507288	0.785221	-1.27353

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00606464	0.633604	0.903758	-1.10649	0.0365122	0.599207	-1.66887	0.18096	0.741326	-1.34893	0.0856457	0.670092	-1.49233	1.74138	1.22471	0.625153	1
cg16162927	0.106451	0.79282	-1.26132	0.252632	0.854391	-1.17042	0.704993	1.05137	1.05137	0.0719804	1.30279	1.30279	1.74137	0.478338	0.24417	1
cg05662655	0.376483	0.683007	-1.46411	0.044334	0.378978	-2.63867	0.408827	1.426	1.426	0.371791	0.680306	-1.46993	1.74136	4.86685	2.48431	1
cg11676353	0.179042	0.397269	-2.51719	0.0875715	0.295345	-3.38587	0.0807879	0.285851	-3.49832	0.352345	0.538508	-1.85698	1.74135	11.5348	5.88805	1
cg27075419	0.125085	0.51387	-1.94602	0.0205286	0.326536	-3.06245	0.86069	1.07298	1.07298	0.711966	0.861809	-1.16035	1.74133	4.43529	2.26406	1
cg22077197	0.875467	1.12286	1.12286	0.650811	0.71413	-1.4003	0.0166666	8.66915	8.66915	0.826584	0.850336	-1.17601	1.74133	15.0569	7.68603	1
cg17191443	0.365013	1.31138	1.31138	0.11344	1.65145	1.65145	0.104686	1.67611	1.67611	0.0870263	1.73389	1.73389	1.74133	2.33916	1.19406	1
cg21547845	0.966589	1.01013	1.01013	0.307677	1.28922	1.28922	0.629182	0.889533	-1.12419	0.676662	0.904027	-1.10616	1.7413	1.59619	0.814817	1
cg06063519	0.497932	0.621398	-1.60927	0.438851	1.72631	1.72631	0.533599	0.646634	-1.54647	0.303416	0.478506	-2.08984	1.74129	13.1864	6.73135	1
cg05404701	0.18027	0.698589	-1.43146	0.139003	0.669357	-1.49397	0.682717	0.901584	-1.10916	0.223715	0.724527	-1.38021	1.74128	1.75248	0.894606	1
cg16646298	0.848292	0.876239	-1.14124	0.385118	1.84829	1.84829	0.58796	1.45844	1.45844	0.649061	0.72902	-1.3717	1.74127	13.124	6.69959	1
cg22042546	0.383776	1.3289	1.3289	0.0621274	0.512383	-1.95167	0.982061	1.00718	1.00718	0.188861	1.55773	1.55773	1.74127	2.79577	1.4272	1
cg04648847	0.468466	0.871695	-1.14719	0.881169	1.02824	1.02824	0.0596074	1.4855	1.4855	0.124136	1.36338	1.36338	1.74125	0.955687	0.487869	1
cg11059800	0.933049	1.02852	1.02852	0.029201	0.423167	-2.36314	0.327011	0.712737	-1.40304	0.668651	0.865805	-1.15499	1.74125	3.08882	1.57681	1
cg19192120	0.309205	1.48543	1.48543	0.369843	1.4138	1.4138	0.181667	0.586779	-1.70422	0.0311784	2.58786	2.58786	1.74124	3.89896	1.99038	1
cg04676446	0.0481215	0.368327	-2.71498	0.129362	0.484533	-2.06384	0.993344	0.996319	-1.0037	0.845896	1.08985	1.08985	1.74124	5.39167	2.75241	1
cg08874645	0.0933121	0.454987	-2.19787	0.315997	0.642579	-1.55623	0.493658	1.3452	1.3452	0.175316	0.540716	-1.8494	1.74123	5.01874	2.56204	1
cg08521263	0.268085	1.19516	1.19516	0.119172	1.29869	1.29869	0.711276	1.05914	1.05914	0.234845	1.2122	1.2122	1.74122	0.658653	0.336241	1
cg14531038	0.219703	0.630366	-1.58638	0.879809	1.05559	1.05559	0.435543	1.32903	1.32903	0.738109	1.12748	1.12748	1.7412	3.52563	1.79985	1
cg05801817	0.023168	1.76289	1.76289	0.138061	1.39585	1.39585	0.86036	0.963894	-1.03746	0.397493	1.19834	1.19834	1.7412	1.20284	0.614053	1
cg14087413	0.269701	0.515224	-1.9409	0.271713	0.516775	-1.93508	0.759674	1.19367	1.19367	0.707944	0.804828	-1.2425	1.74119	9.17994	4.68642	1
cg23473374	0.450652	1.62092	1.62092	0.848225	1.12795	1.12795	0.393561	1.73185	1.73185	0.0753229	0.288135	-3.47059	1.74117	10.8895	5.55923	1
cg04243822	0.291259	0.48558	-2.05939	0.156505	0.367951	-2.71775	0.301941	0.493879	-2.02479	0.761645	1.22223	1.22223	1.74114	11.9995	6.12601	1
cg09137204	0.700412	1.12622	1.12622	0.429531	1.28139	1.28139	0.571895	1.19199	1.19199	0.330206	0.734229	-1.36197	1.74113	2.60685	1.33086	1
cg10815657	0.325635	1.88103	1.88103	0.0916032	3.17843	3.17843	0.0117885	7.08487	7.08487	0.959607	1.03203	1.03203	1.74111	10.6864	5.45574	1
cg06609843	0.547297	1.12131	1.12131	0.394862	1.17801	1.17801	0.231585	1.26604	1.26604	0.51098	0.882195	-1.13354	1.74108	0.974604	0.497574	1
cg19464320	0.190571	0.556438	-1.79715	0.258863	1.64577	1.64577	0.641248	1.21953	1.21953	0.422931	1.41364	1.41364	1.74107	4.9321	2.51805	1
cg27271368	0.115667	0.324447	-3.08217	0.341704	0.524739	-1.90571	0.826879	0.86574	-1.15508	0.310267	1.99585	1.99585	1.74107	11.9466	6.09924	1
cg13576883	0.421839	1.14551	1.14551	0.21048	0.803751	-1.24417	0.0330483	1.51081	1.51081	0.822618	1.03787	1.03787	1.74106	0.755829	0.385884	1
cg26578983	0.17738	0.268413	-3.72561	0.0240036	0.0845737	-11.824	0.109008	0.201192	-4.97038	0.329699	0.397382	-2.51647	1.74103	23.2092	11.8495	1
cg07274314	0.27294	0.645147	-1.55004	0.143958	0.547164	-1.8276	0.544592	0.790137	-1.2656	0.0301034	0.37541	-2.66375	1.741	4.06829	2.07712	1
cg06529027	0.141098	1.27475	1.27475	0.13574	0.781471	-1.27964	0.226028	0.822857	-1.21528	0.860927	0.973465	-1.02726	1.74099	0.648555	0.33113	1
cg11470399	0.626127	1.06799	1.06799	0.206964	0.836677	-1.1952	0.376508	0.885509	-1.12929	0.0397673	0.727227	-1.37509	1.74098	0.494987	0.252724	1
cg09418618	0.496942	1.2869	1.2869	0.130873	1.81589	1.81589	0.504235	1.28127	1.28127	0.899216	0.954718	-1.04743	1.74098	3.68793	1.88295	1
cg00342743	0.282977	0.801457	-1.24773	0.149739	0.736096	-1.35852	0.927753	0.982169	-1.01816	0.0648214	1.50896	1.50896	1.74092	1.08526	0.554117	1
cg18233416	0.0419354	2.27176	2.27176	0.76459	1.11084	1.11084	0.52553	1.25254	1.25254	0.940567	1.02644	1.02644	1.74091	3.37805	1.72479	1
cg15035590	0.31847	0.455124	-2.1972	0.390001	0.510429	-1.95914	0.335321	0.468355	-2.13513	0.775617	1.24381	1.24381	1.74089	16.0708	8.20564	1
cg17179557	0.258849	0.674684	-1.48218	0.120023	1.75661	1.75661	0.391708	1.34062	1.34062	0.946236	0.977725	-1.02278	1.74089	3.07649	1.57084	1
cg27126872	0.949898	1.02893	1.02893	0.0424668	0.346321	-2.88749	0.632823	1.24414	1.24414	0.855212	1.08643	1.08643	1.74088	5.67902	2.89969	1
cg07213414	0.957857	0.976489	-1.02408	0.245934	0.579063	-1.72693	0.908442	1.05316	1.05316	0.268909	0.595466	-1.67936	1.74087	5.58888	2.85369	1
cg18480233	0.504765	0.821972	-1.21659	0.846697	0.945478	-1.05767	0.888099	0.96004	-1.04162	0.922202	1.0287	1.0287	1.74084	2.31318	1.18113	1
cg01145475	0.428365	0.886277	-1.12832	0.422682	0.8849	-1.13007	0.0502932	1.39539	1.39539	0.92967	1.01327	1.01327	1.74084	0.61466	0.313852	1
cg00949670	0.192123	1.2775	1.2775	0.312602	0.830875	-1.20355	0.285751	1.21733	1.21733	0.255658	1.23428	1.23428	1.74083	0.867483	0.442948	1
cg13803048	0.753292	1.07996	1.07996	0.197735	0.717377	-1.39397	0.296974	1.30187	1.30187	0.214134	1.37589	1.37589	1.7408	1.64101	0.837936	1
cg19925215	0.737576	1.17801	1.17801	0.252126	1.79108	1.79108	0.0125858	4.53436	4.53436	0.144103	2.14791	2.14791	1.7408	6.54371	3.34136	1
cg22744587	0.168859	0.341462	-2.92858	0.2166	0.385577	-2.59352	0.0380086	0.171514	-5.83041	0.187744	0.359432	-2.78217	1.7408	14.8122	7.56342	1
cg26662102	0.293723	1.83416	1.83416	0.175827	2.22922	2.22922	0.458901	1.522	1.522	0.388907	1.63523	1.63523	1.7408	8.55191	4.3668	1
cg04718883	0.360338	0.522008	-1.91568	0.626358	0.712364	-1.40378	0.224857	0.414263	-2.41392	0.8894	1.10096	1.10096	1.74079	13.1746	6.72726	1
cg16995290	0.456629	1.11719	1.11719	0.145924	0.795969	-1.25633	0.265312	0.843926	-1.18494	0.550585	0.915508	-1.09229	1.74074	0.589094	0.300814	1
cg00979369	0.64959	1.14501	1.14501	0.541768	0.832887	-1.20064	0.427258	0.786647	-1.27122	0.184852	0.659453	-1.51641	1.74073	2.41644	1.23394	1
cg02642822	0.0302258	4.01151	4.01151	0.693948	1.24062	1.24062	0.752953	1.18784	1.18784	0.547126	0.71737	-1.39398	1.74073	8.19407	4.18423	1
cg19884629	0.289722	1.1832	1.1832	0.085793	1.33732	1.33732	0.820424	0.965792	-1.03542	0.0338349	1.46127	1.46127	1.74072	0.646079	0.329916	1
cg08327566	0.44685	0.660465	-1.51409	0.0160084	0.206474	-4.84323	0.682415	0.802433	-1.24621	0.379691	0.617461	-1.61953	1.74071	7.89142	4.02972	1
cg14582245	0.670578	0.914556	-1.09343	0.0633204	0.646662	-1.5464	0.701159	1.08382	1.08382	0.0730631	1.51789	1.51789	1.74071	1.20134	0.613461	1
cg15038331	0.803229	0.871243	-1.14779	0.545271	1.40209	1.40209	0.804587	1.14667	1.14667	0.437001	0.645486	-1.54922	1.7407	8.40286	4.29093	1
cg09085639	0.938675	1.01609	1.01609	0.205258	0.757871	-1.31949	0.250215	0.779376	-1.28308	0.767289	0.940296	-1.0635	1.74069	1.1864	0.605836	1
cg15340887	0.241317	2.00625	2.00625	0.0613504	0.302208	-3.30898	0.672423	0.785506	-1.27306	0.239723	0.497154	-2.01145	1.74069	8.88407	4.53669	1
cg21429551	0.484139	0.70998	-1.40849	0.0464007	0.333193	-3.00126	0.0332179	0.301456	-3.31724	0.248082	0.558961	-1.78903	1.74068	6.39755	3.26694	1
cg11370512	0.413157	1.12507	1.12507	0.0587226	0.74026	-1.35088	0.981123	0.996673	-1.00334	0.0399982	1.39703	1.39703	1.74061	0.546947	0.279313	1
cg02108998	0.180751	0.505068	-1.97993	0.128539	0.454035	-2.20248	0.920636	0.953229	-1.04907	0.0357139	0.308897	-3.23733	1.7406	6.36845	3.25224	1
cg12872329	0.135826	1.61445	1.61445	0.324521	0.738457	-1.35417	0.0638255	1.86049	1.86049	0.309732	1.36786	1.36786	1.74054	2.44798	1.25018	1
cg10275766	0.239022	0.27551	-3.62963	0.0953042	0.147202	-6.79337	0.274469	0.304599	-3.28301	0.112712	0.164466	-6.08027	1.74053	30.1285	15.3867	1
cg10538440	0.259095	0.392236	-2.54949	0.0304668	0.132452	-7.54988	0.0925145	0.229551	-4.35632	0.515128	0.591776	-1.68983	1.74051	17.4176	8.89525	1
cg20976488	0.414618	1.55155	1.55155	0.710163	1.2173	1.2173	0.499654	1.43467	1.43467	0.700917	0.816049	-1.22542	1.74051	7.64817	3.90597	1
cg04413153	0.29552	0.405551	-2.46578	0.162755	3.45459	3.45459	0.154042	3.55924	3.55924	0.702845	1.37559	1.37559	1.7405	19.08	9.74428	1
cg15596666	0.282228	0.493189	-2.02762	0.369786	0.558427	-1.79075	0.207796	0.431637	-2.31676	0.863887	1.11465	1.11465	1.7405	11.0302	5.63322	1
cg14667235	0.0978608	0.413447	-2.41869	0.364801	0.635776	-1.57288	0.882267	1.07474	1.07474	0.175653	2.01451	2.01451	1.7405	6.5206	3.33013	1
cg11628282	0.826469	1.04653	1.04653	0.940024	1.01571	1.01571	0.0843203	0.673307	-1.48521	0.362651	0.823815	-1.21386	1.74047	1.18277	0.604061	1
cg07331747	0.542262	1.12727	1.12727	0.276393	1.24592	1.24592	0.940224	0.985541	-1.01467	0.0652956	1.49458	1.49458	1.74047	1.03963	0.530959	1
cg07787240	0.153776	0.494039	-2.02413	0.0305896	0.30939	-3.23217	0.324014	0.624799	-1.60052	0.465912	1.40865	1.40865	1.74047	5.87735	3.00167	1
cg01895890	0.221657	0.588913	-1.69804	0.242882	1.65487	1.65487	0.125405	1.98106	1.98106	0.293798	0.638362	-1.56651	1.74046	4.68314	2.39178	1
cg02322894	0.182949	3.61768	3.61768	0.133964	4.35196	4.35196	0.110323	0.205275	-4.8715	0.920163	1.09551	1.09551	1.74043	22.8214	11.6556	1
cg13406893	0.0791351	0.227769	-4.39042	0.628532	0.690739	-1.44773	0.399656	0.519768	-1.92394	0.115011	0.272353	-3.6717	1.74043	15.8774	8.10909	1
cg26632416	0.0912905	0.358631	-2.78838	0.0939136	0.362171	-2.76113	0.64443	1.29208	1.29208	0.811316	0.876452	-1.14096	1.74043	8.38089	4.28037	1
cg01419881	0.986348	1.00287	1.00287	0.0684777	1.4067	1.4067	0.14501	0.769611	-1.29936	0.537157	1.11021	1.11021	1.74041	0.771617	0.394092	1
cg04486568	0.654917	0.855012	-1.16957	0.0229354	0.387729	-2.57912	0.683388	0.866945	-1.15348	0.138646	0.574031	-1.74206	1.7404	3.34188	1.70682	1
cg14526039	0.709954	0.80584	-1.24094	0.020926	0.200758	-4.98112	0.508648	0.678796	-1.4732	0.418374	0.620133	-1.61256	1.7404	9.20324	4.70044	1
cg16753180	0.173442	0.759518	-1.31662	0.25407	0.797568	-1.25381	0.412332	0.852838	-1.17256	0.0298121	0.615351	-1.62509	1.7404	0.994192	0.507771	1
cg25532099	0.109862	1.77481	1.77481	0.0603332	2.00833	2.00833	0.924439	0.969256	-1.03172	0.65527	1.15942	1.15942	1.7404	2.98666	1.5254	1
cg21220719	0.543682	1.11723	1.11723	0.0894047	1.4018	1.4018	0.574998	0.902879	-1.10757	0.110198	1.36884	1.36884	1.74037	0.896485	0.457876	1
cg14290450	0.727505	1.28003	1.28003	0.0498959	0.206326	-4.84671	0.427091	0.564241	-1.77229	0.710513	0.768649	-1.30098	1.74036	13.7287	7.01193	1
cg15044453	0.0537668	0.310147	-3.22428	0.0519112	0.306552	-3.26209	0.651328	0.784115	-1.27532	0.0979532	0.378905	-2.63918	1.74034	7.87686	4.02315	1
cg08436684	0.905443	0.974926	-1.02572	0.107457	1.45561	1.45561	0.312144	0.799773	-1.25035	0.957187	0.988594	-1.01154	1.74034	1.25861	0.642842	1
cg03892838	0.152553	1.97357	1.97357	0.0450574	2.77411	2.77411	0.212732	1.79011	1.79011	0.260517	0.594108	-1.6832	1.74033	5.42586	2.77131	1
cg02920851	0.697113	1.19939	1.19939	0.140752	0.47879	-2.0886	0.0929215	0.42346	-2.3615	0.573271	0.767551	-1.30285	1.74032	5.95559	3.04189	1
cg06995810	0.894861	1.02712	1.02712	0.0159044	1.81786	1.81786	0.0842822	1.47191	1.47191	0.088069	1.46372	1.46372	1.7403	1.12915	0.576733	1
cg02701556	0.823422	1.0262	1.0262	0.016299	1.40472	1.40472	0.383665	0.901806	-1.10889	0.777252	0.967716	-1.03336	1.74029	0.368976	0.188462	1
cg00992913	0.110976	0.723356	-1.38245	0.640775	1.0916	1.0916	0.113529	1.37873	1.37873	0.868935	1.03128	1.03128	1.74029	0.958732	0.489692	1
cg19910763	0.790999	0.855831	-1.16845	?	?	?	0.0264737	4.67448	4.67448	0.754332	1.20202	1.20202	1.74743	8.45168	4.83662	1
cg02206636	0.179729	0.758011	-1.31924	0.848534	1.03788	1.03788	0.815512	0.955572	-1.04649	0.165781	1.33294	1.33294	1.74025	1.04203	0.53225	1
cg17324941	0.852442	1.19801	1.19801	?	?	?	0.473253	0.492757	-2.0294	0.369955	0.409296	-2.44322	1.74741	23.1578	13.2526	1
cg16674327	0.351786	0.818104	-1.22234	0.404696	0.836416	-1.19558	0.916395	0.97824	-1.02224	0.0529046	1.58555	1.58555	1.74024	1.20984	0.617969	1
cg04046629	0.156493	3.12644	3.12644	0.918471	1.08004	1.08004	0.72629	1.30254	1.30254	0.313499	2.19019	2.19019	1.74023	15.5886	7.96249	1
cg25705379	0.18404	0.562336	-1.77829	0.372296	1.45379	1.45379	0.684416	1.18166	1.18166	0.139333	0.522103	-1.91533	1.74016	4.5989	2.34915	1
cg01602001	0.360804	0.614682	-1.62686	0.28497	0.562524	-1.7777	0.687569	0.811052	-1.23297	0.35931	1.62946	1.62946	1.74014	7.39565	3.7778	1
cg08451113	0.183713	0.549024	-1.82141	0.0613898	0.408195	-2.44981	0.339415	0.657961	-1.51985	0.821992	0.908644	-1.10054	1.74014	4.98128	2.5445	1
cg08215191	0.61053	0.856784	-1.16716	0.0132932	0.397271	-2.51717	0.94316	1.02169	1.02169	0.544593	1.20266	1.20266	1.74014	2.49565	1.27482	1
cg17214676	0.213563	1.57244	1.57244	0.153079	1.69683	1.69683	0.922014	0.966726	-1.03442	0.958849	0.982326	-1.01799	1.74013	3.29143	1.68132	1
cg00526163	0.558188	0.770532	-1.2978	0.151076	0.507981	-1.96858	0.241211	0.582709	-1.71612	0.351913	0.655922	-1.52457	1.74013	5.34071	2.72813	1
cg27347727	0.219634	0.816839	-1.22423	0.236532	0.823331	-1.21458	0.894165	0.979354	-1.02108	0.956068	1.00867	1.00867	1.74012	0.677041	0.345846	1
cg15368845	0.573692	1.3315	1.3315	0.466589	0.688582	-1.45226	0.458743	0.683889	-1.46223	0.6288	0.782447	-1.27804	1.74012	6.99035	3.57082	1
cg01044580	0.522251	0.691729	-1.44565	0.161591	0.427642	-2.3384	0.240209	2.01138	2.01138	0.302538	0.545011	-1.83483	1.7401	8.90033	4.54653	1
cg00423030	0.794421	0.902369	-1.10819	0.163012	0.556662	-1.79642	0.241452	0.61732	-1.6199	0.586193	1.2414	1.2414	1.74007	4.26512	2.17877	1
cg27513289	0.0364172	0.0747352	-13.3806	0.271656	3.38872	3.38872	0.613688	1.721	1.721	0.475749	0.46142	-2.16723	1.74005	31.3477	16.0137	1
cg20330126	0.169179	0.501961	-1.99219	0.0705135	0.386304	-2.58864	0.279153	0.588926	-1.698	0.620895	0.790892	-1.26439	1.74005	6.10197	3.11714	1
cg02602300	0.410637	0.534154	-1.87212	0.111889	0.275191	-3.63384	0.162939	0.329555	-3.0344	0.90366	0.913705	-1.09444	1.74002	15.3077	7.81993	1
cg07928191	0.192363	2.47388	2.47388	0.869766	1.11373	1.11373	0.919437	0.935745	-1.06867	0.645358	0.73771	-1.35555	1.74002	11.8753	6.06653	1
cg08245023	0.192396	0.588919	-1.69803	0.126835	0.53063	-1.88455	0.409383	1.38234	1.38234	0.806671	0.910201	-1.09866	1.74001	4.05826	2.07317	1
cg27553162	0.513673	1.8323	1.8323	0.109015	0.202314	-4.94281	0.0954132	5.33832	5.33832	0.781533	0.775557	-1.2894	1.74001	23.0359	11.768	1
cg08293528	0.456023	1.73652	1.73652	0.137735	3.19608	3.19608	0.0693435	4.37958	4.37958	0.47517	1.69535	1.69535	1.74	14.5627	7.43942	1
cg08870933	0.998851	1.00034	1.00034	0.205319	0.728406	-1.37286	0.202812	1.37555	1.37555	0.950608	0.985416	-1.0148	1.73998	1.54988	0.791774	1
cg11409101	0.322088	0.807501	-1.23839	0.0893837	1.4792	1.4792	0.569839	1.12755	1.12755	0.888656	1.02971	1.02971	1.73998	1.20403	0.615095	1
cg01005441	0.525789	0.603801	-1.65617	0.949486	1.05098	1.05098	0.186393	0.333112	-3.002	0.0375047	0.150446	-6.64691	1.73996	16.9707	8.66978	1
cg07276831	0.274266	1.28924	1.28924	0.0327435	1.74702	1.74702	0.84836	0.95815	-1.04368	0.895288	0.97102	-1.02984	1.73995	1.37438	0.702131	1
cg16677019	0.710138	1.25205	1.25205	0.0261402	4.89824	4.89824	0.798867	1.16619	1.16619	0.384392	0.584509	-1.71084	1.73994	9.98979	5.1035	1
cg05766667	0.290042	1.32258	1.32258	0.309475	0.765075	-1.30706	0.0152122	0.468118	-2.13621	0.17559	0.693019	-1.44296	1.73994	1.78632	0.912583	1
cg03999932	0.515548	0.887098	-1.12727	0.738935	1.06266	1.06266	0.503094	1.13143	1.13143	0.0989034	1.38923	1.38923	1.73994	0.909801	0.464794	1
cg22327175	0.441704	0.567227	-1.76296	0.86203	0.881857	-1.13397	0.295518	2.19035	2.19035	0.64229	0.713126	-1.40228	1.73994	14.3955	7.35429	1
cg21227886	0.569467	1.11182	1.11182	0.121145	1.36327	1.36327	0.660224	0.92167	-1.08499	0.153102	0.7542	-1.32591	1.73992	0.93685	0.478616	1
cg18553732	0.0138837	0.255534	-3.91338	0.764837	1.14414	1.14414	0.515771	1.34417	1.34417	0.618863	0.798437	-1.25245	1.73992	5.5517	2.83625	1
cg15512352	0.784638	0.943788	-1.05956	0.0124671	0.518602	-1.92826	0.65949	0.910604	-1.09817	0.992003	0.997886	-1.00212	1.73992	1.22913	0.627939	1
cg17589325	0.443559	1.11527	1.11527	0.179568	0.819489	-1.22027	0.595915	1.0776	1.0776	0.0966268	1.29011	1.29011	1.73991	0.537434	0.274565	1
cg20540428	0.0296717	3.39431	3.39431	0.871427	0.925581	-1.0804	0.179237	0.506021	-1.9762	0.326244	1.62244	1.62244	1.73991	6.2816	3.20915	1
cg06160880	0.327373	0.72026	-1.38839	0.199434	1.55272	1.55272	0.775856	1.09708	1.09708	0.294737	1.42289	1.42289	1.73991	2.90263	1.4829	1
cg27546118	0.105224	0.612346	-1.63306	0.870859	1.04611	1.04611	0.478532	0.81904	-1.22094	0.510558	0.831175	-1.20312	1.7399	2.1154	1.08073	1
cg06371443	0.843463	1.11962	1.11962	0.181677	2.24856	2.24856	0.676775	1.27074	1.27074	0.0678805	0.310747	-3.21806	1.73989	9.00081	4.59842	1
cg20217702	0.181537	0.294194	-3.39911	0.169452	0.282896	-3.53487	0.0341029	0.118449	-8.44249	0.18316	0.295693	-3.38188	1.73987	20.5071	10.477	1
cg01970427	0.727402	0.846544	-1.18127	0.014475	0.238276	-4.19682	0.0560321	0.356895	-2.80194	0.736587	0.851534	-1.17435	1.73985	6.2445	3.19032	1
cg09729395	0.755065	0.925617	-1.08036	0.12021	1.51638	1.51638	0.341204	1.27411	1.27411	0.747066	1.08321	1.08321	1.73983	1.681	0.858833	1
cg19849428	0.332125	1.44611	1.44611	0.997367	1.00121	1.00121	0.428162	0.742485	-1.34683	0.984734	0.993004	-1.00705	1.80774	3.7735	1.62354	1
cg10900048	0.696454	0.909717	-1.09924	0.47144	1.1934	1.1934	0.301375	0.772255	-1.29491	0.488161	0.843679	-1.18529	1.73981	1.60515	0.820086	1
cg07431973	0.516711	0.768299	-1.30158	0.30607	0.653869	-1.52936	0.272985	1.57996	1.57996	0.520492	0.770174	-1.29841	1.73979	4.4288	2.26276	1
cg16537483	0.224665	0.422213	-2.36847	0.0224975	0.157591	-6.34553	0.244955	0.439447	-2.27559	0.16497	0.367364	-2.72209	1.73978	12.5936	6.43432	1
cg10734734	0.163538	0.585995	-1.7065	0.583799	0.819671	-1.22	0.120697	0.546123	-1.83109	0.0401462	2.34509	2.34509	1.73976	3.55953	1.81866	1

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	
cg27648020	ATAD2	0.223628	0.589829	1.1159	0.48085	1.15552	0.15552	1.15552	0.507375	1.14513	0.14513	0.889098	1.02851	1.082732	0.966871	1.03426	0.481383	1.065715	0.115511	0.2295725	0.596801	1.47596	0.07727209	1.48553	1.48553	0.3009907	1.24108	1.23476	1.11866	0.57155	1
cg15276655	GSDMC;C11orf1	0.223629	0.928141	0.9888585	-1.01114	0.2664492	0.867475	-1.15277	0.526884	1.08191	1.08191	0.825246	0.97321	-1.02753	0.0721721	1.27945	1.27945		0.662212	1.05546	1.05546	0.2281102	1.40217	1.40217	0.634348	1.0606	1.0606	0.2516	1.15845	1.15845	1.37976	0.415485	0.212282	1
cg00849365	NAGPA	0.223629	0.170859	0.483536	-2.0681	0.6408444	0.791268	-1.26379	0.317946	0.597876	-1.67259	0.926372	1.04713	1.04713	0.067703	0.360506	-1.56326	-2.77272														
cg01711322	GPR25	0.592442	1.20516	1.20516	0.638024	1.186681	-1.15365	0.64632	1.7001	1.17001	0.597848	1.28182	1.20182	1.20182	0.421186	1.32815	1.32815		0.238627	1.5315	1.5315	0.00737586	1.29504	1.29504	0.283303	1.4696	1.4696	0.272097	1.48291	1.48291	1.37976	1.28638	1.6791	1
cg05441233	ATAD3;ATAD3A;ATAD3B;ATAD3C;ATAD3A;ATAD3;ATAD3A;ATAD3;ATAD3A;ARPC4;ARPC4	0.22363	0.907636	1.03015	0.143917	1.21129	1.21129	0.345974	1.282	1.282	0.0640227	0.58698	-1.70364	0.0331823	0.528711	-1.89139	0.803385	1.06593	1.06593	0.383991	1.23673	1.25673	0.58107	1.15334	1.15334	0.813888	1.06222	1.06222	1.73975	1.80518	0.922318	1
cg06307422	RNF111;RNF111	0.223634	0.191019	0.8499999	-1.17647	0.1993399	1.17252	1.17252	0.456425	0.914814	-1.09312	0.838975	0.976399	-1.02417	0.418978	0.907613	-1.10179		0.0416673	0.759077	-1.31739	0.513155	1.08096	1.08096	0.0954261	0.806516	-1.2399	0.29952	0.881428	-1.13452	1.73974	0.379665	0.193984	1
cg05341252	HLA-DQB1	0.223635	0.0939845	0.36913	8.368161	0.0937041	8.3875	8.3875	0.705798	0.645606	-1.54899	0.948923	0.928752	-1.07477	0.269406	3.76968	3.76968		0.896057	1.16277	1.1627	0.0407387	13.7695	13.7695	0.125949	6.75334	6.12755	6.70856	6.70856	1.73973	36.6779	18.74	1
cg09229397	RIX1	0.223637	0.168577	0.756818	-1.32132	0.647706	0.745434	-1.34312	0.632776	0.912626	-1.09574	0.739882	0.938679	-1.06533	0.499872	1.03425	1.03425		1.20156	0.77408	1.29186	0.201286	1.29216	1.29216	0.0720502	0.682944	-1.46425	0.30948	1.2211	1.2211	1.37973	0.993885	0.507812	1
cg00481239	SHC4;EID1	0.223638	0.3180889	0.769523	-1.29951	0.166104	0.68735	-1.45486	0.667201	1.11608	1.11608	0.555619	0.859557	-1.16339	0.151324	0.676827	-1.47748		0.739265	1.0885	1.0885	0.286014	0.754803	-1.32485	0.04395	1.79994	1.79994	0.451806	1.21484	1.21484	1.73972	1.77586	0.907356	1
cg22763260	MAST1	0.223639	0.9559372	1.00854	-1.00854	0.9883107	1.008837	1.008837	0.210031	0.275447	0.839636	-1.19099	0.108977	0.888578	0.1007	1.10303	1.10303		0.212925	1.12395	1.12395	0.0313863	1.59833	1.59833	0.458347	1.12322	1.12322	0.56718	1.09319	1.09319	1.73972	0.653905	0.334106	1
cg23248051	KCNN2	0.223639	0.124659	0.645462	-1.52797	0.996111	1.00124	1.00124	0.668359	1.11617	1.11617	0.297096	1.31742	1.317	0.982482	0.630032	-1.58722		0.549248	1.16712	1.16712	0.0653381	1.69483	1.69483	0.313742	1.30435	1.30435	0.655832	0.891907	-1.12119	1.73971	1.79192	0.915562	1
cg10336003	SLC4A2	0.22364	0.128782	0.799822	-1.35192	0.0360051	0.640273	-1.56183	0.688784	1.07725	1.07725	0.50446	0.883079	-1.1324	0.347557	0.83732	-1.19429		0.947834	1.01208	1.01208	0.3442816	1.25154	1.25154	0.464978	1.14427	1.14427	0.2735864	1.23178	1.23178	1.73971	0.928511	0.474414	1
cg00009983	FDXP1	0.225219	0.772339	-1.29477	0.0301373	1.65691	1.65691	0.995551	0.998401	-1.00016	0.451275	0.858099	-1.16415	0.281616	1.24806	1.24806			0.990869	0.997737	-1.00227	0.0769137	1.4763	1.4763	0.913653	0.97875	-1.02171	0.77951	1.05715	1.05715	1.73971	1.08048	0.552062	1
cg10258858	FGF9	0.223643	0.336641	0.825397	-1.21154	0.069532	1.48174	1.48174	0.913182	0.979097	-1.02135	0.33738	1.21136	1.21136	0.841896	0.962054	-1.03944		0.753008	0.940685	1.06306	0.213769	0.785224	-1.27352	0.038986	1.58862	1.58862	0.838202	0.96117	-1.0404	1.7397	1.03377	0.528201	1
cg20705566	DCUN1D4;DCUN1D4;DCUN1D4;

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME MTHFS2;MTHFSD;MTHFSD;MTHFSD;M	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg12046723	THFSD;MTHFSD;MTHFSD;fLI30679	0.223966	0.0500566	0.384137	-2.60324	0.31178	0.638857	-1.5653	0.564362	0.779185	-1.28339	0.589459	1.26273	1.26273	0.115035	0.751677	-1.33036	0.0339339	0.346384	-2.88697	0.079766	0.434938	-2.29918	0.218354	0.57441	-1.74092	0.515591	0.754054	-1.32617	1.73833
cg05285429	RDBQ2	0.223969	0.36722	0.744144	-1.34383	0.0805046	0.538761	-1.85611	0.166608	0.624681	-1.60082	0.0333487	0.452308	-2.21088	0.153655	0.61424	-1.62803	0.860593	1.05769	1.05769	0.394834	1.32054	1.32054	0.833337	0.934983	-1.06954	0.829861	1.07107	1.07107	1.73832	2.80232	1.43297	1
cg07357109	RPL13;RPL13;SNORD68	0.223971	0.599444	0.874121	-1.14401	0.717547	1.09661	1.09661	0.1240 51	0.655204	-1.52624	0.687681	1.002497	-1.10804	0.332251	0.775746	-1.28908	0.113766	0.646036	-1.5479	0.558742	1.16196	1.16196	0.052875	1.7482	1.7482	0.379583	1.25712	1.25712	1.73831	1.77425	0.907268	1
cg07311994	RAD18 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.223971	0.113428	0.246291	-4.06024	0.2810 15	0.20868	-4.79202	0.173902	0.308268	-3.24393	0.356677	2.16228	2.16228	0.054432	0.169444	5.90165	0.446508	0.531958	-1.87985	0.465701	0.546671	-1.82925	0.228863	0.357991	-2.79337	0.153424	0.288389	-3.46754	1.73831	18.2179	9.31576	1
cg15798890	C1	0.223972	0.959399	0.988956	-1.01117	0.903262	1.02688	1.02688	0.223677	0.756632	-1.32165	0.127848	1.43206	1.43206	0.146992	0.712116	-1.40427	0.196092	1.34745	1.34745	0.0721899	1.54921	1.54921	0.883131	0.968421	-1.03261	0.439052	0.84184	-1.18787	1.7383	1.31012	0.669935	1
cg14348532	CALCA;CALCA;CALCA	0.223973	0.825046	1.14553	1.14553	0.69179	1.27701	1.27701	0.328761	0.538718	-1.85626	0.367025	0.566279	-1.76591	0.287606	0.507861	-1.96904	0.295587	0.513962	-1.94567	0.0423144	0.238073	-4.20942	0.0696449	3.47347	3.47347	0.0316117	0.948695	-1.05408	1.7383	10.3078	5.30162	1
cg00352618	ENTPD6;ENTPD6	0.223976	0.13732	0.449993	-2.22226	0.950897	0.969738	-1.03121	0.9451 83	0.945783	-1.05733	0.807672	0.885416	-1.12941	0.0337724	0.290263	-3.44515	0.764932	0.863024	-1.16141	0.0268431	0.270222	-3.70066	0.361123	0.629975	-1.59751	0.199242	0.508227	-1.96762	1.73829	0.854496	0.50534	1
cg03500404	TMEM181	0.223977	0.182194	0.670395	-1.49166	0.0517209	0.535095	-1.86883	0.332915	0.754204	-1.3259	0.0974162	1.67146	1.67146	0.193633	1.47472	1.47472	0.979529	0.99278	-1.00727	0.54096	0.839627	-1.191	0.835083	0.942822	-1.06065	0.84691	0.946874	-1.05611	1.73828	2.19599	1.12294	1
cg24000527	NTN1	0.223979	0.956287	1.01426	1.01426	0.302539	1.13256	1.13256	0.147825	0.8306	-1.20395	0.0975631	0.591587	1.69021	0.0388681	1.50962	1.50962	0.654679	0.89018	-1.12324	0.122824	1.54035	1.54035	0.0826251	1.90564	1.90564	0.0109574	1.80997	1.80997	1.73828	1.84224	0.940005	1
cg14817542	HIF1AN	0.223984	0.808045	1.03514	1.03514	0.31798	1.15775	1.15775	0.443174	1.11734	1.11734	0.524955	0.912633	-1.09573	0.613627	1.07492	1.07492	0.384198	1.00154	1.00154	0.0662423	0.746495	-1.33959	0.748194	0.955321	-1.04677	0.0281306	1.4448	1.4448	1.73825	0.554407	0.283507	1
cg13205626	DDR1;DDR1	0.223993	0.870621	0.961889	-1.03962	0.879442	0.976443	-1.03794	0.567327	0.883073	-1.15864	0.0520551	0.590388	-1.69318	0.398354	0.613729	-1.62932	0.816201	1.05707	1.05707	0.0123628	0.435959	-2.31012	0.373526	0.801294	-1.24839	0.918467	0.811294	-1.23245	1.73821	1.54437	0.799986	1
cg03581194	MCF2L;MCF2L	0.223997	0.416948	1.63984	1.63984	0.0218048	1.56172	1.56172	0.0255483	1.46423	1.46423	0.162188	1.74787	1.74787	0.098663	1.26104	1.26104	0.537689	1.45072	1.45072	0.218978	1.16147	1.16147	0.398341	1.67457	1.67457	0.082087	0.986704	-1.01348	1.7382	0.978569	5.00426	1
cg01938025	SIK1	0.223999	0.727578	1.26167	1.26167	0.0426263	1.47788	1.47788	0.193247	1.49693	2.49693	0.875259	1.11006	1.11006	0.137485	0.345376	-2.89554	0.784715	1.19961	1.19961	0.144183	0.352493	-2.83693	0.344831	1.90921	1.90921	0.0839784	1.14401	1.14401	1.73819	12.1608	6.21889	1
cg16357719	INPP51;INPP51	0.224	0.1805221	0.88246	0.88246	0.158808	0.41884	0.41884	0.0913966	0.39174	0.39174	0.30944	0.241146	0.54903	0.224443	0.37003	0.37003	0.0752018	0.89176	0.89176	0.354654	0.8547	0.8547	0.0375591	0.99043	0.99043	0.125148	0.87153	0.87153	1.73819	25.0508	12.8337	1
cg07018000	L3MBTL;L3MBTL	0.224006	0.174562	0.553776	-1.80578	0.593351	0.24679	0.24679	0.303986	0.646827	-1.54601	0.680185	0.84398	-1.18486	0.74504	1.14286	1.14286	0.3545	0.677181	-1.47671	0.0368934	0.370851	-2.6965	0.850785	1.08012	1.08012	0.0366972	0.370348	-2.70016	1.73816	4.61035	2.35772	1
cg15133208	SNCA;SNCA;SNCA;SNCA	0.224007	0.287455	0.5929	-1.67985	0.643909	0.802561	-1.24601	0.5675 43	0.669571	-1.03138	0.181812	1.9457	1.9457	0.104328	0.43423	-2.30282	0.879733	0.93136	-1.0737	0.0848232	0.408577	-2.44742	0.0662014	0.379921	-2.63206	0.302517	0.531583	-1.88117	1.73816	6.07193	3.10517	1
cg02075087	ING2	0.224009	0.188369	0.594269	-1.68251	0.121095	0.87391	-1.87393	0.0854001	0.23499	-2.33499	0.0174913	0.862287	-1.15931	0.0373125	0.367383	-2.72167	0.715068	0.871982	-1.14681	0.763654	0.8594444	-1.11926	0.9632995	2.18219	2.18219	0.3404681	1.44344	1.44344	1.73815	3.84291	1.96526	1
cg03071134	CCLI3;CCL3L1	0.224009	0.620285	1.14255	1.14255	0.408867	0.798203	-1.25281	0.130595	0.646859	-1.54593	0.105421	0.623742	-1.60323	0.154487	1.50181	1.50181	0.0971348	1.62549	1.62549	0.465275	1.21931	1.21931	0.773289	0.925823	-1.08012	0.649342	1.12991	1.12991	1.73815	1.95998	1.00233	1
cg18478394	TTC25	0.224016	0.0851816	1.49961	1.49961	0.234497	1.39582	1.39582	0.0484 32	1.33096	1.33096	0.195261	1.3887	1.3887	0.108911	1.46255	1.46255	1.33087	1.33087	1.33087	0.0998	1.76882	1.76882	0.0939317	1.31044	1.31044	0.509381	0.968237	-1.15309	0.0406931	1.6539	1.6539	1.73812	1.24804	0.638258	1
cg07428101	MUC1	0.224017	0.123763	0.456793	-2.18917	0.499673	0.724657	-1.37996	0.28584	0.593928	-1.68371	0.526983	0.739872	-1.35159	0.0300422	0.303112	-3.29911	0.0530701	0.355889	-2.80987	0.885959	0.934774	-1.06978	0.0774496	0.373709	-2.67763	0.0885308	0.707592	-1.41367	1.73812	6.08148	3.11013	1
cg07179617	FFDM6;WDR46;WDR46	0.224022	0.302178	1.1278	1.1278	0.159937	1.11172	1.11172	0.35496	1.11001	1.11001	0.221739	0.865447	1.15547	0.623423	0.945838	-1.05726	0.929255	1.10104	1.10104	0.180844	0.72382	-1.38156	0.998636	0.999808	-1.00019	0.648347	1.05302	1.05302	1.7381	0.948513	0.723425	1
cg22351869	MRPL18;TCP1;TCP1;TCP1;TCP1	0.22403	0.838044	0.972657	-1.02811	0.339436	1.14268	1.14268	0.0747969	1.30842	1.30842	0.563746	1.08227	1.08227	0.605177	0.931794	1.0732	0.187077	1.20855	1.20855	0.139457	0.806194	-1.2404	0.170602	0.820643	-1.21856	0.264441	1.17065	1.17065	1.73806	0.505098	0.25832	1
cg20007844	NSMCE2	0.224034	0.690121	0.925366	-1.08065	0.0767585	0.683195	-1.46371	0.0547674	0.655963	-1.52448	0.105323	1.40847	1.40847	0.354469	1.20247	1.20247	0.758742	0.942117	-1.06144	0.931407	0.983476	-1.0168	0.767783	1.05898	1.05898	0.438405	0.858148	-1.1653	1.73804	1.0312	0.527387	1
cg26594620	WHSC1;WHSC1;WHSC1;WHSC1	0.224035	0.0594628	0.791627	-1.26305	0.0450294	1.64434	1.64434	0.341956	1.24384	1.24384	0.0917963	1.00023	1.00023	0.0020241	1.34303	1.34303	0.677704	1.91593	1.91593	0.0454	0.0184483	1.5183	1.5183	0.809082	1.05373	1.05373	0.836536	1.04569	1.04569	1.73802	1.28699	0.658209	1
cg16414052	CRAMP1L	0.224036	0.193529	0.46378	-2.1562	0.613734	0.752584	-1.32876	0.586416	0.735808	-1.35905	0.763874	0.845144	-1.18323	0.0735564	0.328204	-3.04688	0.146533	0.418821	-2.38765	0.0130864	0.179274	-5.57806	0.956647	0.970096	-1.03083	0.677344	0.791612	-1.26325	1.73804	8.58514	4.39073	1
cg20196707	YIPF5;YIPF5;KCTD16	0.224037	0.503851	1.10682	1.10682	0.278474	0.931265	-1.09497	0.905581	0.969751	-1.30285	0.517551	1.10315	1.10315	0.0813	1.21345	1.21345	0.43702	1.12596	1.12596	7	0.218093	1.42803	1.42803	0.0184	1.42803	1.42803	0.0184	0.550014	0.315168	1.73804	6.07193	3.10517	1
cg05098341	ELMO1	0.224048	0.050983	0.441984	-2.26252	0.304134	0.676452	-1.4783	0.45593	1.32196	1.32196	0.0710375	0.476772	-2.09744	0.142151	0.560124	-1.78532	0.34215	0.698035	-1.43259	0.0916373	0.500509	-1.9982	0.348379	0.701651	-1.42521	0.303485	1.04556	-1.04556	1.73798	1.71332	1.89917	1
cg17341158	NTM;NTM;NTM;NTM	0.22405	0.107119	0.671212	-1.48984	0.0502429	1.65852	1.65852	0.901658	1.02842	1.02842	0.863234	0.961674	-1.03985	0.786775	1.06316	1.06316	0.216215	1.3411	1.3411	0.580319	1.13495	1.13495	0.226466	0.749868	-1.33357	0.254956	0.763894	-1.30919	1.73797	1.41417	0.723278	1
cg24221541	PNMAL1;PNMAL1;PNMAL1;PNMAL1	0.224058	0.175137	1.705	1.705	0.0159335	1.52289	1.52289	0.0615 15	1.55029	1.55029	0.170313	1.77011	1.77011	0.185813	1.58053	1.58053	0.550407	1.52052	1.52052	0.132192	1.63903	1.63903	0.0178	1.52238	1.52238	0.0178	1.52238	1.52238	0.0178	0.550014	0.315168	1.73796	1.91924	1.3279	1
cg24117722	PAK1;PAK1	0.224059	0.831082	0.962193	-1.03929	0.389745	0.852987	-1.17235	0.0453218	0.61897	-1.61559	0.798208	0.954789	-1.04735	0.431447	0.865141	-1.15588	0.310883	0.827652	-1.20824	0.855667	1.03339	1.03339	0.14387	1.37736	1.37736	0.372859	1.17945	1.17945	1.73794	0.899259	0.458234	1
cg26104239	TRIM55;TRIM55;TRIM55;TRIM55	0.224062	0.0729	0.5	-2	0.0625	0.29026	-3.44157	0.164658	0.221	-4.52624	0.0481138	0.24048	-4.16	0.0625	0.24048	-4.16	0.158404	0.588138	-1.70008	0.0438	0.373312	-2.67875	0.0615901	0.373312	-2.67875	0.0615901	0.373312	-2.67875	0.0615901	1.73792	0.95642	0.37151	1
cg26553883	ATP6V1B2	0.224068	0.88403	1.0202	1.0202	0.809016	0.964315	-1.03701	0.0423901	1.42019	1.42019	0.317984	1.16753	1.16753	0.247165	0.833948	1.11912	0.577604	0.919043	-1.08809	0.0874952	0.753459	-1.32721	0.322048	0.857689	-1.16592	0.496493	0.901173	-1.10966	1.7379	0.619835	0.317029	1
cg09264330	YIF1N3	0.224069	0.50128	0.7945	-1.25865	0.566951	1.21537	1.21537	0.744586	1.11648	1.11648	0.241123	0.586672	-1.70453	0.937319	0.92686	1.02686	0.359109	1.37411	1.37411	0.0191179	0.384599	-2.60072	0.489936	1.26664	1.26664	0.466216	1.28391	1.28391	1.7379	3.12654	1.59914	1
cg19801385	TNXB	0.224072	0.0650352	0.719166	-1.39037	0.111372	1.11372	1.11372	0.35496	1.11001	1.11001	0.221739	0.865447	1.15547	0.623423	0.945838	-1.05726	0.549108	0.912078	1.0964	0.0618407	0.724883	-1.38156	0.998636	0.999808	-1.00019	0.648347	1.05302	1.05302	1.7378	0.948513	0.723425	1
cg14581294	FBXO36;TRIP12	0.224073	0.0395159	0.301058	-3.32162	0.893327	0.936032	-1.06834	0.0814684	2.62961	2.62961	0.515566	1.38473	1.38473	0.483323	0.703388	-1.42169	0.927829	0.956346	-1.04565	0.762936	1.1608	1.1608	0.154267	0.467996	-2.13677	0.417457	0.663319	-1.50622	1.80561	6.7952	2.92707	1
cg05832490	SLC13A7	0.224078	0.3738153	1.1	1.1	0.0966794	0.984754	-1.1672	0.303501	1.13033	1.13033	0.870988	0.99194	-1.00813	0.933247	1.08272	1.08272	0.0488468	1.18317	1.18317	0.464967	0.948853	-1.0539	0.933197	0.917237	1.09091	0.914784	0.925973	1.08025	1.08025	1.73807	1.19387	0.401981	1
cg10282491	CLDN9	0.22408	0.738166	0.836761	-1.19508	0.0800907	0.80528	1.80528	0.423162	1.54631	1.54631	0.274597	1.82917	1.82917	0.981958	1.05806	-1.01208	0.416241	1.55485	1.55485	0.205848	0.492178	-2.03178	0.746558	0.841763	-1.18798	0.031941	1.80112	1.80112	1.73785	2.76683	3.97264	1
cg11773558	ZNF681	0.224081	0.0364839	0.101281	-9.87354	0.804795	1.26271	1.26271	0.623616	1.55948	1.55948	0.630102	1.57944	1.57944	0.634472	0.636876	-1.57017	0.326201	0.38486	-2.59835	0.0673604	0.145015	-6.89584	0.15925	0.242427	-4.12495	0.145478	0.229372	-4.35973	1.73784	24.4233	12.4922	1
cg19588488	RIF1;RIF1	0.224084	0.0241164	0.477176	-2.09577	0.43521	0.784379	1.27477	0.28417	0.572657	1.74623	0.0213832	1.16713	1.16713	0.288741	1.32202	1.32202	0.102609	0.439955	-2.27296	0.0241	0.160007	6.25004	0.0213907	0.224344	-4.4579	0.0244164	0.170819	-5.85377	1.73783	5.79501	2.96411	1
cg21080253	C5orf36;ANKRD32;C5orf36	0.224085	0.417653	1.63569	1.63569	0.77902	1.17943	1.17943	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	1
cg18815880	TCF17;TCF3	0.224086	0.0743894	0.462265	-2.16325	0.0450294	1.64434	1.64434	0.341956	1.24384	1.24384	0.0917963	1.00023	1.00023	0.0020241	1.34303	1.34303	0.677704	1.91593	1.91593	0.0454	0.0184483	1.5183	1.5183	0.809082	1.05373	1.05373	0.836536	1.04569	1.04569	1.73782	1.28699	0.658209	1
cg11676342	BEND7;BEND7	0.224087	0.342115	0.821171	-1.21777	0.959392	0.989803	-1.0103	0.792335	0.948274	-1.05455	0.948712	0.987135	-1.01303	0.980668	1.00489	1.00489	0.384534	1.19658	1.19658	0.00965807	1.93324	1.93324	0.363891	0.828765	-1.20661	0.993983	1.00152	1.00152	1.73782	1.11515	0.570394	1
cg09417011	SSRP1;SSRP1;SSRP1;SSRP1	0.224093	0.458612	0.771997	-1.29578	0.0339184	0.470344	-2.12551	0.0917 27	0.429758	-2.32755	0.0615 98	1.30285	1.30285	0.0911	1.21345	1.21345	0.43702	1.12596	1.12596	7	0.218093	1.42803	1.42803	0.0184	1.42803	1.42803	0.0184	0.550014	0.315168	1.73781	6.07193	3.10517	1
cg15338917	LOC440905	0.224095	0.474394	0.760269	-1.31532	0.0526108	0.459386	-2.29365	0.0244085	0.176542	-3.76947	0.689857	1.16314	1.16314	0.52675	0.785347	-1.27332	0.790437	0.904527	-1.10555	0.262667	0.644048	-1.55268	0.0847655	0.197787	-3.91948	0.0786613	0.476563	-2.09755	1.73776	3.90645	1.99821	1
cg26111184	STK24	0.224103	0.088252	1.26729	1.26729	0.153832	1.21202	1.21202	0.108928	1.24629	1.24629	0.536653	0.924229	-1.08198	0.585891	1.07174	1.07174	0.413161	0.899998	-1.11111	0.963492	0.994252	-1.00578	0.0758184	1.28256	1.28256	0.158245	1.20921	1.20921	1.73775	0.434048	0.223276	1
cg23895495	TNS3 B2W2;B2W2;B2W2;ANKMY2;B2W2;BZ	0.224104	0.2865631	0.515115	-1.64281	0.525063	0.812312	-1.33013	0.579535	0.780454	-1.28131	0.796154	1.12149	1.12149	0.394338	0.642839	-2.25816	0.941448	1.07387	1.07387	0.103085	0.746115	-1.34025	0.0905618	0.946115	-1.05695	0.19775	0.538894	-1.86156	1.73775	0.538894	0.76166	1
cg06307046	W2	0.224109	0.120385	0.604115	-1.65528	0.820597	0.934306	-1.07031	0.266985	1.41335	1.41335	0.673961	1.13495	1.13495	0.314156	1.36533	1.36533	0.0574372	0.525786	-1.90192	0.23054	1.45686	1.45686	0.250759	0.698372	-1.4319	0.701612	1.12206	1.12206	1.73772	2.46298	1.25988	1
cg26003818	C1orf124;C1orf124;C1orf124;C1orf124; EXOC8	0.224121	0.463796	1.24604	1.24604	0.0797161	1.77479	1.77479	0.0761025	1.79004	1.79004	0.709941	1.11651	1.11651	0.822952	1.06834	1.06834	0.597615	0.854580	-1.17015	0.212645	0.681212	-1.46797	0.804052	1.75598	1.75598	0.22804	1.45244	1.45244	1.73772	2.395	1.2251	1
cg27134342	RNASE4;RNASE4	0.224122	0.33254	0.744145	-1.34386	0.15569	0.659237	-1.51693	0.0402957	0.316691	3.16691	0.0402957	0.783695	1.32312	0.449337	0.756936	-1.32117	0.714493	-1.39559	1.39559	0.0842	0.188491	5.30785	0.0188491	0.182795	-5.47263	0.0184769	0.248579	-4.02726	0.880173	-1.13614	1.73771	4.51421	2.73187	1
cg03903647	N4BP2;LOC344967	0.224112	0.800145	1.02975	1.02975	0.744829	0.962958	-1.03847	0.827594	0.975113	-1.02552	0.163953	0.840877	-1.18924	0.271858	0.875512	-1.14219	0.0120852	0.687608	-1.45432	0.150525	0.835326	-1.19714	0.739207	1.03937	1.03937	0.518906	0.927097	-1.07864	1.80543	0.373545	0.160923	1
cg13490935	SLC13A4	0.224114	0.352416	0.604657	-1.65383	0.115485	0.406725	-2.45866	0.0314085	0.260795	-3.73141	0.937835	1.04186	1.04186	0.0629548	1.33204	1.33204	0.320528	0.582964	-1.71537	0.368664	0.615428	-1.62489	0.390942	1.57781	1.57781	0.0438555	0.659953	-1.51526	1.7377	7.60707	3.89125	1
cg22772303	USP42	0.224114	0.119959	0.469717	-2.12985	0.919254	0.955571	-1.04649	0.544797	0.758804	-1.31613	0.707797	1.18383	1.18383	0.0935506	0.437531	2.28555	0.679386	1.20474	1.20474	0.0826482	0.422545	-2.36661	0.551262	0.763236	-1.31021	0.0331645	1.527359	-3.05288	1.7377	1.52816	2.82783	1
cg04310824	SCP2;SCP2 STARD3;STARD3;STARD3;STARD3;STAR	0.224116	0.336805	0.814242	-1.22814	0.157978	0.731072	-1.36785	0.965857	1.00892	1.00892	0.155445	1.37085	1.37085	0.904256	1.02529	1.02529	0.190224	1.33359	1.33359	0.131379	1.40212	1.40212	0.239562	1.29118	1.29118	0.110349	1.43487	1.43487	1.73769	1.18507	0.606203	1
cg09642357	D3;STARD3	0.224123	0.779222	1.09017	1.09017	0.547074	0.829279	-1.20587	0.914783	0.967651	-1.03343	0.530159	0.822534	-1.21576	0.0174643	0.411136	-2.43229	0.434842	0.782875	-1.27734	0.264685	0.700078	-1.42715	0.200734	1.51461	1.51461	0.353988	1.34039	1.34039	1.73767	2.59732	1.32864	1
cg26217763	MYO1E;MYO1E	0.224128	0.245334	0.4	-2.5	0.0625	0.24158	-4.14159	0.0963	0.211911	0.887596	-1.12664	0.278553	1.12785	1.12785	0.0989991	1.15987	0.422407	1.06949	1.06949	0.442183	0.967897	-1.03317	0.889401	1.15095	1.15095	0.0806027	0.484644	0.943438	-1.05995	1.73765	0.881027	0.0846501	1
cg20594226	CDBA	0.224128	0.344437	1.12479	1.12479	0.833276	1.02578	1.02578	0.571266	1.07154	1.07154	0.235623	0.860629	-1.16194	0.0195122	0.711134	1.4062	0.446276	0.910511	-1.09828	0.108573	0.809479	-1.23536	0.894782	1.01611	1.01611	0.7247	0.958199	-1.04362	1.73765	0.401314	0.205291	1
cg17284809	RHBDL3	0.224128	0.101093	0.642379	-1.55671	0.190864	0.71077	-1.40693	0.821027	0.945678	-1.05744	0.0673912	0.603385	-1.65732	0.216326	0.725656	-1.37806	0.072193	0.609796	-1.63989	0.0790629	0.618392	-1.6171	0.438347	0.802406	0.622302	-1.60694	0.46005	0.830771	-1.2037	1.73765	1.67214	0.855379	1
cg01806080	FAM174A	0.224131	0.656396	1.07303	1.07303	0.659539	1.1081	1.1081	0.0938833	1.02844	1.02844	0.598388	1.08302	1.08302	0.0492	1.14091	1.14091	0.380719	1.18506	1.18506	0.0499	0.0168284	1.84815	1.84815	0.0165	1.77902	1.77902	0.0159	1.82526	1.82526	0.0159	1.82526	1.82526	0.0159	0.550014	0.315168	1.73762	1.78943	1.04981	1.04981	1.73763	0.907568	0.464269	1
cg20979896	PDRG1	0.224133	0.130861	0.82048	-1.2188	0.871221	0.980514	-1.01987	0.27345	0.87089	-1.14825	0.0878631	0.795734	-1.2567	0.726615	1.0435	1.0435	0.424021	1.1045	1.1045	0.0347189	0.741862	-1.34796	0.325676	0.88418	-1.13099	0.624092	1.06174	1.06174	1.73762	0.408405	0.207121	1
cg07242901	ATN1;ATN1	0.224137	0.0486247	0.612124	-1.63276	0.709202	0.7585	-1.07585	0.307224	0.914121	-1.07052	0.0740986	0.732233	1.7313	0.0494123	1.03553	-1.03553	0.160034	0.743215	1.34551	0.0366751	0.394433	-2.53555	0.0366751	0.394433	-2.53555	0.0366751	0.394433	-2.53555	0.0366751	1.31789	0.556701	0.88121	-1.13471	0.72561	1.73761	2.76407	3.89125	1
cg22426627	PKD2	0.224138	0.344768	1.264	1.264	0.0195612	1.97239	1.97239	0.151575	1.5104	1.5104	0.128164	1.48579	1.48579	0.104914	1.29104	1.29104	0.137948	1.37348	1.37348	0.14	0.682497	1.10409	1.10409	0.544679	1.15905	1.15905	0.152123	1.44813	1.44813	0.103175	1.53148	1.53148	1.7376	1.59505	0.815963	1
cg15887383	VPS4B	0.224139	0.605518	1.08518	1.08518	0.312144	1.17828	1.17828	0.394719	1.14657	1.14657	0.098141	0.752271	-1.32931

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105 057 vs. N)	Fold-Change(105 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T 637 vs. N)	Fold-Change(563T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg16142707	LEKR1	0.224322	0.464673	2.29665	0.224665	0.0124413	0.4652	29.4652	0.682719	0.639523	1.56586	0.885568	1.36957	1.36957	0.817952	0.778187	-1.28504	0.793578	1.33008	0.133088	5.89646	5.89646	0.224414	4.02055	0.02055	0.202196	4.35747	4.35747	1.73682	32.545	16.6562	1
cg05383577	SEMA6A	0.224323	0.285073	0.732474	-1.36524	0.977346	0.99207	-1.00799	0.071721	1.7573	1.7573	0.0756169	0.574347	-1.74111	0.977244	0.930357	1.07486	0.74704	1.09498	1.09498	0.0853767	0.586708	-1.70443	0.564774	1.17727	1.17727	0.533249	0.837833	-1.19355	1.73682	2.16252	1.10676	1
cg08728302	FAM20C	0.224324	0.127523	0.601873	-1.66148	0.844653	1.06231	1.06231	0.0601241	0.520305	-1.92195	0.209778	0.665477	-1.50268	0.0910455	0.563545	-1.77448	0.777524	1.0912	1.0912	0.113556	0.588308	-1.69979	0.503603	1.2326	1.2326	0.243988	0.686902	-1.45581	1.73682	2.6112	1.33639	1
cg04003216	VPS13B;VPS13B	0.224325	0.807935	0.928425	-1.07709	0.370411	0.755424	-1.32376	0.877641	0.540156	-1.0481	0.075794	0.547237	-1.82691	0.986861	0.994091	-1.00503	0.802141	1.04224	1.04224	0.020669	2.22749	2.22749	0.243248	1.45113	1.45113	0.985665	1.0055	1.0055	1.73681	2.55777	1.30905	1
cg11783834	CLU;CLU;CLU	0.224329	0.101881	0.19059	-5.24685	0.863049	1.17609	1.17609	0.943871	1.06735	1.06735	0.248751	0.327552	-3.05295	0.152092	0.215046	-4.65017	0.577734	0.594151	-1.68307	0.0278073	0.0900714	-11.1023	0.0720366	0.155845	-6.41662	0.430362	0.474663	-2.10676	1.73679	2.15738	12.065	1
cg22835118	HCCA2	0.224333	0.364572	0.843187	-1.18598	0.367072	1.18487	1.18487	0.591314	1.10432	1.10432	0.685345	0.928139	-1.07743	0.0110575	0.559709	-1.78607	0.921194	1.01828	1.01828	0.917372	0.981381	-1.01918	0.907744	0.824246	-1.21323	0.279095	0.831882	-1.22877	1.73679	0.9291912	0.471834	1
cg24135583	PTPRN2;PTPRN;2-PTPRN2	0.224332	0.344631	1.61378	1.61378	0.230128	0.538479	-1.85708	0.407127	0.65908	-1.51727	0.0660134	0.362776	-2.75652	0.245971	0.550706	-1.81585	0.352385	0.624691	-1.60079	0.0417635	0.31543	-3.17027	0.846837	1.09974	1.09974	0.154671	0.47287	-2.11475	1.73678	6.64886	3.4029	1
cg18441122	GPR133	0.224336	0.831377	0.907191	-1.10233	0.0442162	2.86491	2.86491	0.115977	0.458259	-2.18238	0.826592	1.24773	1.24773	0.322282	0.628859	-1.59026	0.720781	1.17814	1.17814	0.0848525	0.458764	-2.18798	0.771664	0.87554	-1.14215	0.72886	0.853036	-1.17228	1.73677	5.7391	2.69791	1
cg11799329	PEX7	0.224337	0.120612	0.73112	1.36779	0.407624	1.12067	1.17067	0.408109	1.37047	1.37047	0.243785	0.907203	-1.25467	0.551681	0.894019	-1.11854	0.065025	0.680167	-1.47023	0.777941	1.054	1.054	0.517186	0.885004	-1.12994	0.243798	1.35575	1.35575	1.73676	0.951937	0.487209	1
cg17415581	CSNK1D;CSNK1D	0.224337	0.919272	1.02644	1.02644	0.30222	0.759513	-1.31663	0.866292	0.957556	-1.04433	0.167947	1.45968	1.45968	0.869993	0.958719	-1.04306	0.0516247	0.565447	-1.76851	0.0520194	0.566136	-1.76636	0.259356	0.738711	-1.35371	0.343672	0.777973	-1.28539	1.73676	1.82207	0.93255	1
cg07593801	MUTED	0.224341	0.28144	2.77967	2.77967	0.0359	2.36284	2.36284	0.183382	0.614029	1.75062	0.0965485	1.12292	-1.25472	0.826483	0.966045	-1.03502	0.524837	1.32973	1.32973	0.0498502	0.75202	-1.32966	0.264951	1.57146	1.57146	0.237447	0.575665	1.73675	1.73675	5.47634	2.80284	1
cg06483739	RCN1	0.224339	0.691799	-1.79196	-1.35282	0.0927518	0.327055	-3.05759	0.0717314	0.296759	-1.36974	0.503044	1.5078	1.5078	0.228712	0.466142	-2.14527	0.120932	0.361991	-2.7625	0.63337	0.734803	-1.36065	0.242521	2.43221	2.43221	0.979492	0.984589	-1.01565	1.73675	10.0416	5.13938	1
cg20983887	VPS13D;VPS13D	0.224347	0.188455	0.577509	-1.69233	0.429269	0.648278	-1.54239	0.244664	0.547509	-1.82796	0.476808	0.710373	-1.40773	0.188839	0.517284	-1.9311	0.773819	1.14725	1.14725	0.402198	0.50514	-1.98017	0.0961774	2.37173	2.37173	0.0902502	0.414661	-2.41861	1.73672	6.14654	3.14932	1
cg11930274	NUDT13	0.224347	0.111397	0.75098	-1.33159	0.647171	0.925542	-1.08045	0.107645	0.74829	-1.33638	0.822965	0.914419	-1.08528	0.700175	0.938096	-1.06599	0.643131	0.925838	-1.0801	0.0374882	1.48084	1.48084	0.249245	0.819646	-1.22004	0.764121	0.951514	-1.05084	1.73672	0.75021	0.383973	1
cg04705435	KCNJ11;KCNJ11	0.224351	0.0952058	0.211317	-4.73222	0.163312	0.281302	-3.5549	0.536499	1.70022	1.70022	0.291316	0.395185	-2.53046	0.138102	0.258269	-3.87193	0.59424	0.633895	-1.57755	0.0893458	0.20428	-4.89523	0.0594581	0.164675	-6.07257	0.139454	0.259648	-3.85137	1.7367	19.7728	10.1202	1
cg23704627	UNC84B	0.224353	0.0800174	0.180651	-5.58093	0.0427606	0.978322	-1.02216	0.985982	1.00865	1.00865	0.831183	0.890414	-1.12282	0.628639	0.723731	1.60605	0.667304	0.80841	-1.237	0.0720901	0.37571	-2.66163	0.153244	0.473134	-2.11354	0.227557	0.538029	-1.85864	1.7367	1.8685	1.37097	1
cg16682046	PRCP;C11orf82;PRCP	0.224353	0.162566	0.822426	-1.21592	0.177925	1.2065	1.2065	0.124423	1.24377	1.24377	0.998706	0.999787	-1.00021	0.826501	0.971624	-1.0292	0.973217	0.995607	-1.00441	0.0453977	0.740116	-1.35114	0.400359	0.893253	-1.1195	0.503409	0.914804	-1.09313	1.73669	0.472964	0.242077	1
cg10197162	REL	0.224356	0.332066	0.800303	-1.24953	0.212564	1.33928	1.33928	0.253129	1.30435	1.30435	0.192574	0.755645	-1.35935	0.33662	0.802097	-1.24673	0.343255	0.804646	-1.24299	0.0513441	0.610248	-1.63868	0.533123	0.868903	-1.15088	0.404384	1.20917	1.20917	1.73668	1.56307	0.697662	1
cg24709285	TADA2B	0.224359	0.588073	0.765407	-1.30599	0.0936952	0.46518	2.46518	0.0420642	1.63731	1.63731	0.587656	1.30689	1.30689	0.835286	1.0975	1.10715	0.702727	1.26168	1.26168	0.0408408	0.635306	-1.57404	0.114789	2.31271	2.31271	0.853304	0.913483	-1.09471	1.73667	6.57382	3.36471	1
cg14762454	C5orf168	0.224359	0.27343	0.831849	-1.20214	0.542146	1.10481	1.10481	0.47974	1.12305	1.12305	0.87205	1.02638	1.02638	0.505859	0.896694	-1.11521	0.0199785	0.635348	-1.57394	0.280041	1.19888	1.19888	0.728212	0.945206	-1.05797	0.17623	0.79274	-1.26145	1.73667	0.71766	0.367324	1
cg04524120	ZNF570	0.224361	0.069467	0.355227	-1.37944	0.0379506	1.41581	1.41581	0.105481	0.522683	2.6073	0.0243737	1.39119	1.39119	0.690049	0.791055	-1.26393	0.0605627	0.290173	-3.44622	0.313366	0.540102	-1.85107	0.0396329	0.152251	-6.57076	0.0477	0.100193	-9.98551	1.73666	9.40391	4.81128	1
cg26276014	CUBN	0.224364	0.0433799	0.148374	-6.7397	0.0762111	0.0538193	-5.03694	0.51744	0.583347	-1.71425	0.625318	0.667522	-1.49808	0.0462311	0.153271	-6.52441	0.163531	0.294873	-3.39129	0.0952024	0.221871	-4.50713	0.366492	0.46676	-2.14243	0.361529	0.462873	-2.16042	1.73665	18.5514	9.49538	1
cg04432660	FOXI1	0.224365	0.717607	1.0855	1.0855	0.0148273	0.87277	-1.14578	0.332552	0.797858	1.2533	0.233628	0.743482	1.34502	0.0916663	0.614865	-2.12305	0.829867	1.04216	1.04216	0.0155673	0.418865	-2.21505	0.0483833	1.1964	1.1964	0.0453499	0.744969	-1.34305	1.73665	1.76981	0.884899	1
cg04117986	PDGFRB	0.224369	0.797466	0.914586	-1.09339	0.0936283	0.527213	-1.89677	0.43368	0.757777	-1.31965	0.395543	0.739271	-1.35268	0.0404045	0.439584	2.27488	0.321199	1.42737	1.42737	0.79929	1.09249	1.09249	0.0781806	0.50692	-1.9727	0.267911	0.669873	1.49282	1.73663	3.31532	1.69694	1
cg00385906	MAN1A2;MAN1A2	0.224374	0.18748	0.769555	-1.29945	0.402789	0.850866	-1.17527	0.621582	1.09839	1.09839	0.293732	0.814297	-1.22805	0.283051	0.810272	-1.23415	0.208562	0.778756	-1.2841	0.0250903	0.604955	-1.65302	0.224539	1.27206	1.27206	0.742741	0.939765	1.06541	1.73661	0.978529	0.500864	1
cg05178864	STX18	0.224375	0.603489	0.808526	-1.11293	0.791247	1.05566	1.05566	0.691377	1.08489	1.08489	0.177213	0.746123	-1.34026	0.666798	0.915349	-1.09248	0.459532	1.16631	1.16631	0.739291	0.934074	-1.07058	0.214564	0.774141	-1.29175	0.0113742	0.523623	-1.90977	1.7366	1.14685	0.587022	1
cg02726883	NF1;NF1;NF1	0.224376	0.3558	0.89706	-1.11475	0.519138	1.07761	1.07761	0.652176	0.949429	-1.05326	0.984998	1.00215	1.00215	0.13956	0.833912	-1.19917	0.556238	0.934196	-1.07044	0.0169286	0.716648	-1.39538	0.252512	1.14649	1.14649	0.508059	0.926079	-1.07982	1.7366	0.35977	0.184151	1
cg10395565	LOC388387	0.224375	0.0188204	0.320579	-3.11941	0.797347	1.11444	1.11444	0.360769	0.876099	0.94484	-1.05931	0.991353	1.00865	0.904402	0.954251	-1.04755	0.517133	0.771027	-1.2969	0.0324494	0.74674	-1.33894	0.0892911	0.512976	1.95	0.0529	0.118091	0.510756	-1.95788	1.73659	4.31148	2.20686	1
cg24361385	HOXA3	0.224382	0.122594	0.48969	-2.04163	0.0561503	0.776013	1.70013	0.0668079	0.94844	0.94844	0.628293	1.58471	1.58471	0.247035	0.31371	3.13171	0.081989	0.19911	-5.02136	0.0623848	0.23939	7.23939	0.595644	1.65773	1.65773	0.0238468	2.50655	2.50655	1.73657	24.4951	12.5382	1
cg04815396	TMEM217;TMEM217;TBC1D22B	0.224385	0.372393	0.81738	-1.22342	0.487871	0.856284	-1.16784	0.93962	0.823943	-1.21368	0.51213	1.15762	1.15762	0.891239	1.03058	1.03058	0.359094	0.812537	-1.23071	0.0185971	1.87416	1.87416	0.213112	1.33463	1.33463	0.789346	1.06072	1.06072	1.73656	1.33923	0.682286	1
cg02581553	MAD1L1;MAD1L1;MAD1L1	0.224385	0.389621	1.1255	1.1255	0.448857	1.27488	1.27488	0.165481	1.20548	1.20548	0.121683	2.6073	2.6073	0.176237	1.38119	1.38119	0.235508	2.02429	2.02429	0.0120996	2.10799	2.10799	0.162236	2.55599	2.55599	0.513773	1.42973	1.42973	1.73656	8.8494	4.52973	1
cg15491540	SPTLC3	0.224393	0.280002	0.67361	1.67361	0.070995	0.96548	-2.52176	0.294315	0.607268	-1.64672	0.383041	1.50712	1.50712	0.198793	0.884221	-1.13094	0.146003	0.24562	-2.04562	0.170461	1.95306	1.95306	0.291111	1.80878	1.80878	0.872073	0.928766	-1.0767	1.73653	5.78334	2.96036	1
cg09928879	DIP2C	0.224394	0.608384	0.87944	-1.13728	0.338059	0.8456	-1.18256	0.642645	0.802389	-1.24645	0.0421249	0.676168	0.916369	0.405643	1.48334	1.48334	0.780167	1.39262	1.39262	0.0176102	1.78156	1.78156	0.196439	2.29441	2.29441	0.0188215	0.823288	0.954168	-1.04807	1.73652	2.68268	1.21792	1
cg08244301	SLC27A1	0.224397	0.0325327	0.250502	-3.99198	0.0551159	0.969371	-1.0316	0.269284	0.529161	-1.88978	0.0541317	0.298433	-3.35083	0.0606464	0.310322	-3.22246	0.343223	0.582639	-1.71633	0.199643	0.472538	-2.11623	0.648785	0.775944	-1.28875	0.275425	0.533814	-1.87331	1.73651	0.471473	0.430863	1
cg06219351	PTPRN2;PTPRN2;2-PTPRN2	0.224404	0.4585646	1.25741	1.25747	0.551222	1.20082	1.20082	0.81858	0.932638	-1.07223	0.0726365	0.544478	-1.83662	0.401657	0.770628	-1.29764	0.0323315	0.467342	-2.13976	0.306803	1.3787	1.3787	0.153835	1.22139	1.22139	0.769944	0.914834	-1.09309	1.7365	2.53391	1.29707	1
cg19538722	ATP6V0A2	0.224403	0.3527606	0.876087	-1.14126	0.791247	1.05566	1.05566	0.691377	1.08489	1.08489	0.177213	1.23061	1.23061	0.188443	0.703984	-1.42081	0.28067	0.542011	-1.84453	0.0884347	0.684347	-1.46125	0.720984	0.953391	-1.04889	0.98726	0.997811	-1.00219	1.7349	0.518283	0.265304	1
cg06989074	LRP5	0.224403	0.173787	0.559401	-1.78763	0.575575	0.796872	-1.25491	0.934634	0.967608	-1.03348	0.478179	0.74867	-1.3357	0.280479	0.637416	-1.56883	0.0245637	0.341303	-2.92995	0.0343685	0.371306	-2.6932	0.235908	0.607378	-1.64642	0.210065	0.588467	-1.69933	1.73648	4.43172	2.26856	1
cg10673351	KCNQ1	0.224404	0.0100745	0.716805	-1.39505	0.0130304	0.8855	1.8885	0.443287	0.609658	-1.64037	0.661652	0.732121	1.32121	0.0109703	0.533877	-1.87291	0.212716	0.49382	-2.02482	0.0232571	0.183135	-5.53075	0.0417893	0.412876	-2.42204	0.643264	1.01934	1.01934	1.73647	11.0036	5.61326	1
cg01076971	PGCP	0.224408	0.0434675	24.5108	24.5108	0.927895	1.13281	1.13281	0.111994	10.8523	10.8523	0.22158	5.87157	5.87157	0.322769	0.244836	-4.08437	0.197277	5.5396	5.5396	0.82749	0.74031	-1.35078	0.0939359	12.6477	12.6477	0.823093	1.36139	1.36139	1.73646	52.2028	26.7224	1
cg09305008	GPER;C7orf50;GPER;C7orf50;C7orf50;G PER	0.224411	0.333709	2.00478	2.00478	0.0226774	6.70662	6.70662	0.0200902	7.07364	7.07364	0.541446	1.53911	1.53911	0.89925	1.09238	1.09238	0.483603	1.64317	1.64317	0.491383	1.62832	1.62832	0.480832	1.64852	1.64852	0.92952	1.06366	1.06366	1.73645	13.3827	6.85064	1
cg13873553	TBC1D13	0.224416	0.976069	0.996496	-1.00352	0.0639425	0.783729	-1.27595	0.413513	0.906796	-1.10278	0.834249	1.02483	1.02483	0.339782	0.891238	-1.12203	0.0219931	0.72503	-1.37925	0.451125	1.09402	1.09402	0.862901	1.02043	1.02043	0.235401	0.864556	-1.15666	1.73643	0.376683	0.192827	1
cg03605551	MAPKBP1;MAPKBP1	0.224417	0.0383844	0.679444	1.11708	0.133705	0.83656	-1.19516	0.456	0.642646	-1.55689	0.202289	0.587872	-1.70122	0.215537	0.932188	-1.07264	0.303413	0.615156	-1.62548	0.0132704	0.376006	1.37856	0.0972227	1.54403	1.54403	0.04854	1.02628	1.02628	1.73641	4.44332	2.22459	1
cg15843691	OCA2	0.224429	0.557391	1.36681	1.36681	0.159258	2.20816	2.20816	0.497731	1.43693	1.43693	0.871933	0.918552	-1.08867	0.0186292	0.222678	4.49079	0.773068	0.858766	-1.16446	0.172217	0.465251	-2.14938	0.982048	0.988221	-1.01192	0.89381	0.932086	-1.07286	1.73638	7.62619	3.90401	1
cg19540689	VCAN;VCAN;VCAN;VCAN	0.224431	0.474842	0.894835	-1.11752	0.973282	0.994889	-1.00518	0.331716	1.13779	1.13779	0.730076	0.930036	0.847373	-1.17962	0.0168405	0.433363	0.963302	1.00712	1.00712	0.942386	0.846483	-1.18127	0.0502518	0.700163	-1.42811	0.178237	0.653951	0.813474	1.73637	0.653951	0.313474	1
cg18850929	REXO1	0.224437	0.250471	0.80834	-1.23727	0.617045	0.730422	-1.36907	0.0923651	0.857337	1.6664	0.178089	0.52757	-1.89557	0.0970409	0.710204	-1.40792	0.247324	0.962055	-1.03944	0.0358043	0.541753	-1.84153	0.233033	0.801265	-1.24838	0.289537	0.491332	-2.03531	1.73632	0.831305	0.441961	1
cg16671682	NACC1 SEMA6D;SEMA6D;SEMA6D;SEMA6D;SE MA6D	0.224445	0.511022	1.19389	1.19389	0.498595	0.833085	-1.20036	0.365046	0.780816	-1.28071	0.501197	0.834034	-1.19899	0.0738489	0.5888	-1.69837	0.822878	0.942142	-1.06141	0.156586	0.668433	-1.49604	0.0732218	1.70077	1.70077	0.191829	0.692603	-1.44383	1.7363	1.94329	0.994856	1
cg01302211	MAEG;SEMA6D	0.224446	0.641469	1.26668	1.26668	0.0594875	0.92211	-1.92211	0.0276962	0.73177	0.73177	0.423428	1.51007	1.51007	0.281785	0.5690002	-1.75746	0.76243	1.16513	1.16513	0.330268	0.724112	0.724112	0.240112	0.46088	1.46001	1.46001	0.17363	0.98814	0.57754	1
cg19398814	CNOT8	0.224450	0.239363	1.91074	1.91074	0.5645537	0.736268	-1.35802	0.435544	0.658295	-1.51907	0.0865059	2.30454	2.30454	0.385952	0.626827	-1.59521	0.930301	1.04704	1.04704	0.745937	1.54636	1.54636	0.0769655	2.81053	2.81053	0.0882288	2.68702	2.68702	1.73626	7.55194	3.88674	1
cg00515439	CWF19L2	0.224462	0.281282	1.63539	-1.22769	0.214981	0.787332	-1.27011	0.234807	0.796032	-1.25623	0.288665	0.820915	-1.21815	0.0221056	0.604899	-1.65327	0.543026	0.893346	-1.11939	0.921651	1.0178	1.0178	0.922406	0.928311	-1.01803	0.0385246	1.644621	1.6513	1.73623	0.922732	0.472405	1
cg03835229	HGFAC	0.224466	0.145896	0.550728	-1.81578	0.255686	0.621993	-1.60773	0.0153117	0.320624	-3.11891	0.577059	1.24019	1.24019	0.172347	0.574078	-1.74192	0.968517	0.994516	-1.00551	0.991947	1.04608	1.04608	0.794024	1.34404	1.34404	0.237458	0.623214	-1.60458	1.73622	4.01433	2.05521	1
cg18882912	MYO6	0.224474	0.755716	1.09468	1.09468	0.0183573	0.82399	-1.21394	0.422939	0.744784	1.34268	0.0975452	1.22499	1.22499	0.0998229	0.818433	-1.22209	0.604426	0.906154	1.10354	0.144761	0.18383	1.18383	0.0432967	0.0967567	-1.03352	0.0834862	1.60339	1.60339	1.73618	2.85496	1.64351	1
cg15818557	MATN4;MATN4;MATN4	0.224477	0.790955	0.943249	-1.06017	0.403439	0.828592	-1.20687	0.473183	0.851761	-1.17403	0.0338367	0.579896	-1.72445	0.740462	0.929503	-1.07584	0.214691	1.33277	1.33277	0.852297	0.959838	-1.04184	0.0927282	1.50205	1.50205	0.479414	1.17131	1.17131	1.73617	1.3299	0.680885	1
cg11844155	GIMAP1	0.224478	0.560887	0.84478	-1.18374	0.847753	0.970568	-1.03068	0.725242	0.707075	-1.40904	0.598992	1.16442	1.16442	0.0168805	0.433363	-2.30753	0.403795	1.27771	1.27771	0.397991	1.28179	1.28179	0.182405	0.725883	-1.37763	0.606597	1.17923	1.17923	1.73616	2.26279	1.15851	1
cg22523852	GABRA5;GABRA5;GABRA5	0.224479	0.195492	0.648471	-1.54209	0.860289	1.05732	1.05732	0.391462	1.3202	1.3202	0.450483	0.784067	-1.2754	0.144123	0.608701	-1.64284	0.954759	1.01811	1.01811	0.0992249	0.564529	-1.77139	0.0364555	0.463854	-2.15585	0.151618	1.23154	1.23154	1.73616	2.7522	1.40908	1
cg02603828	CNTNAP5	0.224484	0.311788	0.709399	-1.40964	0.258755	0.679352	-1.47199	0.174855	0.622831	-1.60557	0.406867	0.756996	-1.32101	0.525284	0.809607	-1.23517	0.500002	0.7988	-1.25188	0.203988	1.55251	1.55251	0.881254	1.05027	1.05027	0.0187956	1.392968	2.54474	1.73614	2.96026	1.51563	1
cg07819335	SUT3	0.224492	0.0972342	0.580863	-1.72316	0.2656	0.80696	-1.23938	0.0866567	0.591091	-1.69179	0.338284	0.9696	0.9696	0.0127405	0.443343	-2.25564	0.0602627	0.767687	1.30261	0.753789	0.912167	-1.09629	0.989391	0.996042	-1.00397	0.684666	1.12965	1.12965	1.73611	0.641874	1.25422	1
cg25135436	C1orf127;C1orf127	0.224496	0.379022	0.852664	-1.16786	0.559798	1.10671	1.10671	0.37166	0.854804	-1.17083	0.15855	1.29582	1.29582	0.628407	0.760679	-1.07891	0.836454	0.960583	-1.03618	0.0188379	1.63103	1.63103	0.524947	0.895144	-1.11734	0.346311	1.18147	1.18147	1.73609	0.812882	0.416201	1
cg23334543	FZR1	0.224503	0.410531	1.1209	1.1209	0.0788508	0.42807	2.34007	0.0165001	0.662009	1.51009	0.0626209	1.36352	1.36352	0.0655195	0.562466	-1.77884	0.113257	0.71416	-1.40071	0.536006	0.88445	-1.13055	0.613419	0.662462	-1.50923	0.0126	0.975074	1.02564	1.73608	0.975074	0.502653	1
cg25712987	AGTR1;AGTR1;AGTR1;AGTR1;AGTR1	0.224501	0.0887248	0.695678	-1.43745	0.368794	0.836617	-1.19529	0.434632	0.85722	-1.16656	0.656861	1.09025	1.09025	0.287966	0.807992	-1.23764	0.0983723	1.41952	1.41952	0.108367	1.40284	1.40284	0.488435	0.872825	-1.14571	0.76389	0.943444	-1.05995	1.73607	0.62092	0.525796	1
cg22117438	MAPK10;MAPK10;MAPK10	0.224501	0.0601571	0.24907	-4.01493	0.340723	0.525349	-1.9035	0.422448	0.584378	-1.71122	0.259533	0.462486	-2.16223	0.0113018	0.124937	-8.00402	0.744843	0.807271	-1.23874	0.34604	0.529195	-1.88932	0.777924	0.830796	-1.20366	0.309767	0.502028	-1.99192	1.73607	11.8183	6.05113	1
cg20840795	CIT	0.224504	0.867048	0.937994	1.06592	0.6018256	2.68186	2.68186	0.22702	0.94243	1.10434	0.0746468	1.34922	1.34922	0.0779478	0.741227	-1.34899	0.0729544	0.844729	1.18422	0.124366	0.414105	2.4143	0.0247779	2.4143	2.4143	0.0250934	1.43156	1.43156	1.73606	7.85121	4.01993	1
cg02824443	NRCAM;NRCAM	0.224503	0.372025	0.63376	-1.57788	0.287041	0.576884	-1.73345	0.0610996	0.349852	-2.85835	0.152221	2.1272	2.1272	0.289186	0.578402	-1.7289	0.871245	0.922455	-1.08406	0.367559	1.58501	1.58501	0.155132	2.13203	2.13203	0.802981	1.13247	1.13247	1.73606	6.80864	3.48613	1
cg

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg01170235	SETBP1;SETBP1;SETBP1	0.24702	0.868374	0.967605	0.24702	-1.03348	0.635893	1.009116	0.19955	0.240324	0.27127	1.277127	0.2204692	0.59357	1.668472	2.229036	1.28434	1.28434	0.162505	0.74083	-1.34394	0.699648	1.07888	1.07888	0.870196	0.968099	-1.03295	0.457049	1.162201	1.15222	1.70522	1.088008	0.553283	1
cg02221382	TMEM44;TMEM44;TMEM44;TMEM44	0.224702	0.102656	1.43117	1.43117	0.651058	1.09571	1.09571	0.219449	0.771641	-1.39594	0.628857	1.10271	1.10271	0.256515	0.788398	-1.2584		0.398099	1.18931	1.18931	0.97805	1.00554	1.00554	0.384347	0.807715	-1.23806	0.0522674	0.642008	-1.55761	1.7352	1.1075	0.567237	1
cg18609037	AATK;MIR657	0.224712	0.188654	1.98776	1.98776	-1.03348	0.441478	1.47278	1.47278	0.911423	0.946589	-1.05642	0.300564	0.69745	1.69745	0.127507	2.25431	2.25431	0.100118	1.43186	1.43186	0.057924	1.85088	1.85088	0.0881672	2.52974	2.52974	0.0645472	2.78484	2.78484	1.73518	6.68636	3.42526	1
cg13728108	FUT3;FUT5;FUT3;FUT5	0.224718	0.0521461	0.552604	-1.80961	0.562222	1.17329	1.17329	0.10582	0.622299	-1.60694	0.699019	0.900937	-1.10996	0.0275296	0.496659	-2.01345		0.955115	1.01523	1.01523	0.737235	0.858104	-1.16536	0.254919	0.726759	-1.37597	0.612706	0.871915	-1.1469	1.73515	1.9812	1.01493	1
cg10536999	NFE2L3	0.224725	0.0638559	0.14609	-6.8451	0.90686	0.8975551	-1.11414	0.874769	0.864462	-1.15679	0.197036	3.52343	3.52343	0.18025	2.368727	2.72125		0.808929	1.26293	1.26293	0.0607486	0.153683	-6.50691	0.504906	1.8679	1.8679	0.232284	2.314494	-3.17971	1.73515	4.21348	12.0053	1
cg13028471	SLC7A11	0.224722	0.738448	0.822217	-1.21622	0.134232	0.389319	-2.56859	0.0376463	0.244495	-4.09006	0.132771	0.387722	-2.57916	0.203936	0.456939	-2.18847		0.421714	0.619136	-1.61515	0.682207	0.786247	-1.27186	0.568264	1.40059	1.40059	0.231354	2.08202	2.08202	1.35514	9.37689	4.80366	1
cg01556079	PLXNB2	0.224723	0.768952	0.869618	-1.14996	0.4756154	2.80746	2.80746	0.0437079	3.80889	3.80889	0.96702	0.8703504	-1.1485	0.260759	0.519777	-1.92359		0.276684	0.554027	-1.80504	0.657997	1.26118	1.26118	0.910029	1.4666	1.0606	0.497986	0.663576	-1.50689	1.73513	7.44527	3.81413	1
cg17463083	ERN1	0.224724	0.156572	2.326718	0.06074	0.228189	0.393098	-2.5439	0.341118	1.484733	-2.06299	0.60218	0.67825	-1.47438	0.00753776	0.0790104	-12.6566		0.534847	0.628776	-1.59039	0.286625	0.441827	-2.26333	0.356632	0.496639	-2.01353	0.361154	0.500388	-1.99964	1.73512	14.9755	7.67184	1
cg14922886	HOXA13;HOXA13	0.224729	0.283257	0.824449	-1.21293	0.25096	0.812462	-1.23083	0.40434	0.862659	-1.15921	0.395197	0.860047	-1.16273	0.816367	0.960525	-1.0411		0.750282	0.946215	-1.05684	0.517375	0.892574	-1.12036	0.0297669	1.55695	1.55695	0.182671	1.27743	1.27743	1.73511	0.8238808	0.422033	1
cg26950400	PRICKLE3	0.224743	0.153106	1.73633	1.73633	-1.08288	0.508647	1.83218	1.83218	0.172707	1.45063	1.45063	0.0758739	2.64748	2.64748	0.0135685	3.2907	3.2907	0.52444	1.43679	-1.29001	0.183547	1.18341	1.18341	0.658175	1.1737	1.1737	0.0102255	1.41403	1.7717	0.0102255	1.41403	45.3406	23.2278	1
cg18496535	LOC399744	0.224733	0.0223802	0.43806	-2.28279	0.777305	1.08929	1.08929	0.0887284	0.567594	-1.76182	0.533851	1.20932	1.20932	0.452045	0.793662	-1.25998		0.601872	0.853191	-1.17207	0.321568	1.36191	1.36191	0.41195	0.776436	-1.28794	0.342992	0.744773	-1.34269	1.73509	2.50019	1.28085	1
cg17253884	RBP5;PAIP3;PARP3	0.224734	0.286742	1.20318	1.20318	0.2210162	0.628658	-1.59067	0.127913	0.8445	-1.18413	0.272176	0.825893	1.210851	0.564727	0.907182	-1.10231		0.871989	0.973373	-1.02756	0.992554	1.09462	1.09462	0.263848	1.21522	1.21522	0.616017	1.08831	1.08831	1.73509	0.760701	0.39412	1
cg01099076	RP2;RP2	0.224735	0.113113	1.28865	-3.40444	0.235877	0.387953	-2.57763	0.9945464	0.994839	-1.00519	0.0688659	4.72095	4.72095	0.884986	0.895538	-1.11665		0.0527997	0.186761	-5.35445	0.850611	1.1546	1.1546	0.386792	0.508526	-1.96647	0.986058	1.01341	1.01341	1.73508	15.9672	8.18005	1
cg08802196	RASA3	0.224744	0.739172	0.934952	-1.06957	0.317445	1.21123	1.21123	0.634325	0.923575	-1.08275	0.203194	1.31026	1.31026	0.209781	0.764871	-1.30741		0.372376	1.20243	1.20243	0.0198581	1.76121	1.76121	0.872009	1.03296	1.03296	0.604568	0.900185	-1.11088	1.73505	1.1134	0.570412	1
cg16214693	LHPP;LHPP	0.224748	0.350884	1.63768	-1.57788	0.108254	0.219241	-4.56119	0.493554	0.758372	-1.31936	0.88171	0.973346	-1.02684	0.553738	0.792315	-1.32915		0.118417	0.446086	-2.22721	0.642564	0.800903	-1.24859	0.14774	0.478376	-2.09119	0.711268	1.19317	1.19317	1.73503	6.02027	3.17652	1
cg24977321	MFN1	0.224745	0.27078	0.868119	-1.15192	0.503217	1.08741	1.08741	0.315049	0.879728	-1.13671	0.0244114	0.718354	-1.39207	0.323158	0.881727	-1.13414		0.657915	0.946517	-1.05651	0.951714	1.0075	1.0075	0.0599886	0.769639	-1.29931	0.6019992	1.06706	1.06706	1.73502	0.4180608	0.214185	1
cg14311485	VAV2;VAV2	0.224754	0.870483	1.09425	1.09425	0.8396551	1.09267	1.09267	1.0427	0.550808	1.15062	1.15062	0.2562443	0.783609	-1.27712	0.140315	1.38793	1.38793	1.30743	1.30743	0.329531	1.23085	1.23085	0.784271	0.932088	-1.07286	0.105695	0.6494338	-1.44022	0.0560591	0.63975	-1.56313	1.7315	0.599796	1
cg14421202	ME310	0.224759	0.823244	0.974617	-1.02604	0.112294	1.21981	1.21981	0.0503414	1.291312	1.291312	0.1509645	1.38972	1.38972	0.0907153	1.703035			0.348652	0.895042	-1.11727	0.62099	1.05895	1.05895	0.798744	0.971064	-1.02918	0.147911	1.1953	1.1953	1.73498	0.362907	0.185929	1
cg21820889	KPNA2	0.22476	0.630423	1.32087	1.32087	0.654621	1.29497	1.29497	0.102308	0.358306	-2.79091	0.455806	0.646599	-1.54655	0.621565	1.33061	1.33061		7	7	7	0.147624	2.43963	2.43963	0.112756	2.69395	2.69395	0.122779	2.61136	2.61136	1.74201	8.08159	4.63923	1
cg02156862	RNMTL1;GLOD4	0.224762	0.83593	0.92349	-1.08283	0.508647	1.83218	1.83218	0.124718	0.973615	1.43911	1.43911	0.547507	1.26273	1.262273	0.195736	0.931505	1.44094		0.0323028	0.382638	-2.61344	0.0975126	0.461667	2.16605	2.16605	0.390327	0.716167	-1.39632	0.929065	0.966452	-1.03471	0.73497	4.03592	2.06775	1
cg01943504	GXYLT1;GXYLT1	0.224764	0.508388	1.15753	1.15753	0.0117394	1.98651	1.98651	0.864483	0.963439	-1.03795	0.823458	1.04993	1.04993	0.551457	1.13844	1.13844		0.428814	1.19258	1.19258	0.158139	0.719644	-1.38953	0.400163	1.20607	1.20607	0.786727	1.06092	1.06092	1.73496	3.30373	0.669307	1
cg10280299	FZD8	0.224765	0.0529948	0.68653	1.45653	0.178331	1.38785	1.38785	0.0218369	1.61989	1.61989	0.0218369	1.63095	1.63095	0.0170485	1.828618			0.237602	0.781758	1.28184	0.0314217	1.78912	1.78912	0.0178945	1.36324	1.36324	0.43559	1.16722	1.16722	1.60722	0.78945	0.379636	1
cg04541078	ARCN1;ARCN1	0.224768	0.749227	1.04311	1.04311	0.573272	1.07777	1.07777	0.751987	1.0426	1.0426	0.562956	0.925927	-1.08	0.891832	0.982255	-1.01807		0.660063	0.762363	-1.31171	0.0231169	0.699485	-1.42962	0.399816	1.1201	1.1201	0.322708	0.874222	1.14387	1.73494	0.475814	0.243781	1
cg02437368	STX4	0.224768	0.197012	2.08116	2.08116	0.510422	0.698543	-1.43155	0.708951	1.2232	1.2232	7	7	0.900529	0.623256	-1.60448			0.947906	1.03574	1.03574	0.804495	1.14257	1.14257	0.68304	0.356544	-2.80471	0.039662	0.278493	-3.59076	1.74198	7.08162	4.06528	1
cg01205646	MYOM2	0.224769	0.161724	0.349373	-2.86272	0.18676	0.658229	-1.51925	0.442857	1.37438	1.37438	0.0595296	0.685712	-1.45834	0.307256	0.644353	-1.55238		0.586819	0.679645	-1.47139	0.113899	1.13956	1.13956	0.882421	1.10958	1.10958	0.23269	0.414465	-2.42175	1.7494	1.61097	0.97288	1
cg27134659	PPP4R4;PPP4R4;PPP4R4;PPP4R4	0.22477	0.894979	0.9766	-1.02396	0.612624	1.09586	1.09586	0.586613	0.960258	-1.10344	0.0711158	0.69668	-1.43538	0.201185	0.785051	-1.2738		0.0820802	0.707958	-1.41251	0.0580973	0.68114	-1.46813	0.477631	1.13819	1.13819	0.22741	0.796783	-1.25505	1.73494	0.8831557	0.452482	1
cg01094748	TACC1;TACC1;TACC1	0.224774	0.111557	0.669432	-1.5979	0.104963	0.882661	-1.13293	0.0875651	1.1685	1.1685	0.262176	1.354423	1.354423	0.0422504	1.754644			0.353052	0.79448	-1.25874	0.0446227	1.15548	1.15548	0.260956	0.754033	-1.3262	0.137693	1.10833	1.10833	0.816339	0.139233	0.599796	1
cg28808842	ZNF705A;ZNF705A	0.224775	0.375309	0.900968	-1.10992	0.531216	0.925896	-1.0754	0.334895	1.1073	1.2073	0.0923256	1.23656	1.23656	0.112619	0.820188	-1.21923		0.359861	0.897734	-1.11393	0.244157	1.14087	1.14087	0.697207	1.16446	1.16446	0.514111	0.926973	1.07878	1.73492	0.360926	0.184921	1
cg16971885	DPY19L2	0.224775	0.682857	1.20129	1.20129	0.138082	2.03986	2.03986	0.0812752	2.36983	2.36983	0.512856	0.743565	-1.34487	0.563584	1.2978	1.2978		0.938604	1.03499	1.03499	0.146478	0.498646	-2.00543	0.0902958	0.434588	-2.30103	0.820137	0.903427	-1.1069	1.74911	5.47677	2.80604	1
cg16788886	PTPRS;PTPRS;PTPRS;PTPRS	0.224775	0.779937	1.08883	1.08883	0.0870487	1.02586	1.02586	0.0174741	0.953651	1.17052	1.17052	0.0301017	0.450776	1.57352	1.57352	1.17552	1.17552	0.818804	1.13274	1.13274	0.0543862	1.14631	-6.91413	0.653865	0.782579	-1.27783	0.647296	0.778612	-1.28443	1.73491	8.10686	4.15358	1
cg20331457	PPM1F	0.224779	0.619405	0.783686	-1.27602	0.0280162	0.282661	-3.53781	0.39343	0.653404	-1.53045	0.522027	1.37147	1.37147	0.34152	0.620573	1.61142		0.156508	0.478166	-2.09135	0.391923	0.652474	-1.53263	0.0469049	0.330436	-3.02631	0.809269	1.12492	1.12492	1.7349	6.51132	3.33612	1
cg02461211	PCGF1	0.224781	0.153888	1.58755	1.58755	0.0881636	0.68816	1.45337	0.0218369	1.61989	1.61989	0.0218369	1.63095	1.63095	0.0170485	1.828618			0.237602	0.781758	1.28184	0.0314217	1.78912	1.78912	0.0178945	1.36324	1.36324	0.43559	1.16722	1.16722	1.60722	0.78945	0.379636	1
cg16926147	KCNQ3	0.224782	0.275971	0.829051	-1.2062	0.530405	0.900199	-1.11087	0.857572	0.970719	-1.03016	0.607346	1.08953	1.08953	0.821012	1.0382	1.0382		0.597144	1.09224	1.09224	0.00892218	1.73389	1.73389	0.901389	0.979702	-1.02072	0.570434	1.09951	1.09951	1.73488	0.751962	0.385277	1
cg15380914	RNF138;RNF138	0.224783	0.453114	1.7947	1.17947	0.689443	1.09063	1.09063	0.283208	1.272222	1.272222	0.0705933	1.54711	1.54711	0.163385	0.725223	1.37889		0.321701	1.24746	1.24746	0.115797	0.691294	-1.44656	0.487764	1.16445	1.16445	0.267591	1.28329	1.28329	1.73488	1.28165	0.556669	1
cg24807152	DENND3	0.224785	0.802156	1.09567	1.09567	0.273008	0.680515	-1.23561	0.174764	0.7956	-1.25664	0.144933	1.7604	1.7604	0.0972454	1.155604	1.15604		0.164997	1.40874	1.40874	0.0208886	1.36324	1.36324	0.941584	1.07983	1.07983	0.542162	1.16884	1.16884	1.7487	1.4709	0.753639	1
cg09019918	THBS2	0.224788	0.471634	0.895601	-1.11657	0.222576	0.82447	-1.2129	0.281257	0.844815	-1.18369	0.673504	1.0659	1.0659	0.249707	0.83431	-1.1986		0.584981	1.08659	1.08659	0.0264036	1.48652	1.48652	0.336083	0.861256	-1.16109	0.675453	0.938561	-1.06546	1.74486	0.6230356	0.319235	1
cg13359134	RTTN	0.224795	0.685253	1.08855	1.08855	0.520877	1.04319	1.04319	0.566284	1.14346	1.14346	0.804155	1.65932	1.65932	0.0932233	2.010086	2.010086		0.0715598	1.15965	1.15965	0.262369	1.13184	1.13184	0.724617	1.17264	1.17264	0.0742117	1.58512	1.58512	1.74485	0.7284447	0.354847	1
cg01749904	DPEP1;DPEP1;DPEP1	0.224771	0.0717029	0.502635	-1.98951	0.400785	1.34206	1.34206	0.148162	0.588221	-1.70004	0.809465	0.92069	-1.08614	0.270995	0.675679	1.47999		0.670247	0.863705	-1.1578	0.466666	0.458756	-2.17981	0.387032	1.35434	1.35434	0.686938	1.14866	1.14866	1.73485	1.2153	1.64743	1
cg12544391	SAT1;SAT1;SAT1	0.224797	0.0195876	0.012993	-76.9644	0.9479	1.10587	1.10587	0.718527	0.572717	-1.74606	0.213724	7.50897	7.50897	0.459906	3.18563	3.18563		0.121534	0.0754047	-13.2618	0.775869	1.55202	1.55202	0.679423	1.89631	1.89631	0.877018	0.787832	-1.26931	1.74982	65.1533	33.3832	1
cg19241089	RBM51;RBM51	0.224797	0.0823714	0.596192	-1.67716	0.238236	0.265004	-3.7563	0.0987429	0.379515	-2.63444	0.0756148	1.14346	1.14346	0.804155	1.659322	1.659322		0.0715598	1.15965	1.15965	0.262369	1.13184	1.13184	0.724617	1.17264	1.17264	0.0742117	1.58512	1.58512	1.74485	0.7284447	0.354847	1
cg01749904	DPEP1;DPEP1;DPEP1;COLBA1	0.224771	0.0717029	0.502635	-1.98951	0.400785	1.34206	1.34206	0.148162	0.588221	-1.70004	0.809465	0.92069	-1.08614	0.270995	0.675679	1.47999		0.670247	0.863705	-1.1578	0.466666	0.458756	-2.17981	0.387032	1.35434	1.35434	0.686938	1.14866	1.14866	1.73485	1.2153	1.64743	1
cg12544391	SAT1;SAT1;SAT1	0.224797	0.0195876	0.012993	-76.9644	0.9479	1.10587	1.10587	0.718527	0.572717	-1.74606	0.213724	7.50897	7.50897	0.459906	3.18563	3.18563		0.121534	0.0754047	-13.2618	0.775869	1.55202	1.55202	0.679423	1.89631	1.89631	0.877018	0.787832	-1.26931	1.74982	65.1533	33.3832	1
cg19241089	RBM51;RBM51	0.224781	0.0823714	0.596192	-1.67716	0.238236	0.265004	-3.7563	0.0987429	0.379515	-2.63444	0.0756148	1.14346	1.14346	0.804155	1.659322	1.659322		0.0715598	1.15965	1.15965	0.262369	1.13184	1.13184	0.724617	1.17264	1.17264	0.0742117	1.58512	1.58512	1.74485	0.7284447	0.354847	1
cg01109088	CDLBA1;MIR485;COLBA1	0.2248	0.121305	0.5227	-1.91334	0.889691	0.955023	-1.005	0.0254995	0.358737	-2.78756	0.667247	1.18181	1.18181	0.761056	1.12501	1.12501		0.125923	0.527541	-2.78756	0.667247	1.18181	1.18181	0.761056	1.12501	1.12501		0.526324	0.6450	-1.37996	0.337556	1.37841	1.37841	0.845072	1.10018	1.10018	0.259702	0.388462	1.74486	1.14866	1.73485	1.2153	1.64743	1
cg13461160	FBN2	0.224802	0.690604	1.12551	1.12551	0.284883	1.18225	1.18225	0.0218369	1.61989	1.61989	0.0218369	1.63095	1.63095	0.0170485	1.828618			0.237602	0.781758	1.28184	0.0314217	1.78912	1.78912	0.0178945	1.36324	1.36324	0.43559	1.16722	1.16722	1.60722	0.78945	0.379636	1
cg26814883	CXorf65;IL2RG;CXorf65	0.224803	0.0513407	0.200826	-4.97944	0.175523	0.352641	-2.83574	0.146899	0.324191	-3.0846	0.421126	0.551757	-1.81239	0.0360959	0.172689	-5.79076		0.240972	1.4227	1.4227	0.221384	1.45146	1.45146	0.439764	1.79465	1.79465	0.0545432	1.58512	1.58512	1.74485	0.7284447	0.354847	1
cg02208584	PDGFC	0.224801	0.667524	0.792394	-1.26194	0.0171853	0.712979	1.40377	0.199837	1.17527	1.17527	0.584411	0.901821	-1.10907	0.649911	0.889717	-1.12417		0.346545	1.19962	1.19962	0.0641703	1.12555	1.12555	0.174108	1.31035	1.31035	0.39377	0.960172	0.491989	1			
cg25284512	TTC4	0.224814	0.691644	0.800133	-1.24977	0.666754	1.26356	1.26356	0.112294	0.576664	-1.73446	0.48403	0.825881	-1.21113	0.515911	0.691827	1.44626		0.271287	0.716703	-1.39528	0.0401707	0.501784	-1.99289	0.292375	1.15197	1.15197	0.198119	0.673281	-1.48526	1.74477	2.04007	1.19085	1
cg08211022	CASP	0.224818	0.349665	1.31828	1.31828	0.293734	1.36699	1.36699	7	7	7	0.0562017	0.537572	-1.86021	0.228351	0.695654	-1.4375		0.614758	1.1568	1.1568	0.247113	0.70655	-1.41533	0.449503	0.801559	-1.24757	0.281435	1.37894	1.37894	1.74176	2.02018	1.15985	1
cg04418585	DLG2	0.224819	0.134984	0.607135	-1.64638	0.343249	0.697582	-1.43387	0.0767607	0.537984	-1.85879	0.973282	1.1016	1.1016	0.0911557	1.340105	1.340105		0.64912	0.865656	-1.15529	0.0414384	0.437968	-2.28237	0.0672037	0.837788	-1.19443	0.818343	0.930106	1.07515	1.74472	2.72525	1.39645	1
cg02580620	ICAM4;CAM4;ICAM4	0.224826	0.0377327	0.371235	-2.69371	0.392103	0.697317	-1.43407	0.816111	0.908661	-1.10052	0.837753	1.08796	1.08796	0.0696474	0.434179	-2.30319		0.754844	1.13746	1.13746	0.0609574	0.41962	-2.38311	0.176239	0.553654	-1.80618	0.876131	0.937874	-1.06624	1.7347	6.64504	2.3802	1
ch.10.36337927	ITACC2;TACC2;TACC2;TACC2	0.224827	0.225135	1.25813	1.25813	0.495868	0.818532	1.13422	0.0225315	0.631993	-1.62869	0.874954	0.971977	-1.02883	0.567134	1.12362	1.12362		0.284873	1.1291	1.1291	0.350217	0.845598	-1.1854	0.327134	0.841007	-1.1882	0.409096	1.13165	1.13165	1.73469	0.8894451	0.457281	1
cg14683138	ILF3;ILF3;ILF3;ILF3	0.224837	0.568675	1.43472	1.43472	0.248819	1.58129	1.58129	0.0152694	1.77376	1.77376	0.167186	1.80911	1.80911	0.159227	2.004989	1.87832		0.481893	1.4709	1.4709	0.0089228	1.72136	1.72136	0.0678215	1.315917	1.315917	0.82687	1.172099	1.172099	0.62357	1.42357	1.42357	0.517543	1.500992	1.199604	1.73465	30.4879	15.6229	1
cg23780597	SOX4	0.224839	0.421391	0.886359	-1.12821	0.165139	2.44555	1.24555	0.323631	1.1619	1.1619	0.197134	0.790543	-1.26495	0.606379	0.926505	-1.07933		0.279423	1.17958	1.17958	0.088768	0.759018	-1.31749	0.840962	1.02995	1.02995	0.229442	1.20348	1.20348	1.73465	0.592637	0.303686	1
cg16549153	ADAB2	0.224843	0.0798434	0.511	-1.95708	0.0868252	0.245316	-4.07378	0.0449353	1.7604	1.7604	0.0449353	1.76404	1.76404	0.0975274	2.015556	2.015556		0.398444	1.04013	1.04013	0.5401	1.35298	1.35298	0.515247	1.25466	1.25466	0.0372385	1.86225	1.86225	1.74465	1.15975	0.868658	0.943806	1.05954	1.74465	1.15975	0.868658	0.943806	1
cg05638056	ZNF480	0.224843	0.0562937	0.461741	-2.16571	0.588659	0.822671	-1.21555	0.362271	0.715493	-1.39764	0.0839514	0.504753	-1.98117	0.0926356	0.516026	-1.93789		0.241863	0.432365	-2.31286	0.157126	0.582197	-1.71763	0.282986	0.671105	-1.49008	0.234518	0.640495	-1.56129	1.73463	3.51152	1.79943	1
cg16143778	CHCHD8;PAAF1	0.224846	0.123352	1.60436	1.60436	0.205502	0.465082	2.15016	0.183839	0.756127	1.32253	0.68614	1.12194	1.12194	0.969666	1.01083	1.01083		0.983455	1.00589	1.00589	0.953392	0.750142	-1.33308	0.498816	1.21465	1.21465	1.73462	2.03962	1.12312	1			
cg18141295	CDC73	0.224846	0.368214	1.21121	1.21122	0.141745	0.72608	-1.38758	0.191058	0.7565	-1.33246	0.246508	1.28565	1.28565	0.822283	1.18525	1.18525		0.943928	0.985522	-1.01469	0.664643	1.53767	1.53767	0.186549	1.33685	1.33685	0.516274	1.1462	1.1462	1.73462	1.18096	0.605172	1
cg03432618	S-Sep	0.224845	0.342561	0.702434	-1.42362	0.0658619	2.1074	2.1074	0.329876	1.43791	1.43791	1.94679	1.64135	1.64135	0.694773	1.15308	1.15308		0.275466	0.663786	-1.50651	0.0988746	0.520177	-1.92242	0.584832	1.22052	1.22052	0.713482	0.875284	-1.14249	1.7346	3.58419	1.8367	1
cg04572294	KIAA0247	0.224845	0.825084	1.10411	1.10411	0.0454	1.10536	1.10536	0.0152564	1.35502	1.35502	0.396717	1.77778	1.77778	0.953934	1.311511	1.311511		0.913271	1.02002	1.02002	0.0114889	1.7778	1.7778	0.912791	1.02016	1.02016	0.605675	0.909585	-1.09944	1.7346	0.909718	0.466181	1
cg19201770	ACOXL;ACOXL;ACOXL	0.224845	0.740705	1.13111	1.13111	0.0469245	0.430086	-2.32512	0.0542809	0.444758	-2.24841	0.381321	0.716693	-1.3953	0.286765	0.663413	1.50736		0.71398	0.872354	-1.14632	0.981763	0.991557	-1.00852	0.974819	0.979069	-2.08738	0.122536	0.537529	-1.86037	1.7346	3.78075	1.93743	1
cg15877915	TACC2;TACC2;TACC2;TACC2	0.224851	0.190254	1.44912	1.44912	0.226	0.189612	-2.11198	0.0612777	0.88088	1.18838	0.286312	0.528459	-1.89229	0.0744692	0.822023	1.21603		0.124414	0.495908	-2.01673	0.0556047	0.24455	-4.08915	0.0178322	0.293207	-3.41055	0.0499812	0.674099	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg10183882	SH3BP5;SH3BP5		0.225071		0.972617	1.00295	0.10295	1.778628	0.976076	-1.02451	0.429537	1.07171	0.171071	1.046824	0.874826	-1.14308	0.263712	1.090545	-1.11084		0.125059	0.867104	-1.15326	0.821045	0.10965	1.10965	0.16018	1.13754	1.13754	0.08094	1.17413	1.17367	0.202526	0.10384	1
cg11722531	APC2		0.225071		0.738667	0.936587	-1.06771	0.0337052	0.162463	1.62463	0.163683	1.34486	1.34486	0.956076	1.01084	1.01084	0.422249	1.28514	1.28514		0.895931	1.02594	1.02594	0.447063	0.859306	-1.16373	0.537294	1.13001	1.13001	0.0528388	1.5382	1.5382	1.73667	1.0512	0.538075	1
cg10385367	SLC25A30		0.225082		0.883148	0.969795	-1.03115	0.473232	0.85888	-1.16431	0.245165	1.28854	1.28854	0.633102	1.10546	1.10549	0.574811	1.888519	-1.12547		0.312298	1.24355	1.24355	0.47286	0.858766	-1.16446	0.0135167	0.528611	-1.89175	0.855163	0.962612	-1.03884	1.73362	1.19407	0.612239	1
cg08213689	ATP2A1;ATP2A1		0.225084		0.328364	0.555207	-1.80093	0.393807	0.600861	-1.66423	0.44596	1.5731	1.5731	0.403917	0.607716	-1.6455	0.028232	2.264497	-4.0575		0.093151	1.34055	-2.93674	0.1381	0.394123	-2.53728	0.108482	0.840234	-2.77597	0.188252	0.443515	-2.25472	1.7336	0.93677	0.479734	1
cg01458683	CDMMD6;COMMD6		0.225087		0.262416	0.720487	-1.38795	0.59723	1.08692	1.08692	0.189815	1.24243	1.24243	0.15267	1.27051	1.27051	0.430686	0.881856	-1.13397		0.449796	1.12792	1.12792	0.932229	1.01338	1.01338	0.161258	1.26347	1.26347	0.210818	1.22887	1.22887	1.7336	0.67086	0.343078	1
cg10352418	CA7		0.225088		0.110649	0.396583	-2.52154	0.486435	1.47305	1.47305	0.874593	0.917127	-1.09036	0.377385	0.808896	-1.23642	0.182124	0.458648	-2.18032		0.253178	0.518731	-1.92778	0.0274237	0.239558	-4.17435	0.166673	0.449315	-2.24258	0.143402	0.422646	-2.36605	1.7336	0.8269	0.42241	1
cg10004695	SID72		0.225089		0.0633616	0.668668	-1.49551	0.642092	0.913726	-1.09442	0.0736134	0.68082	-1.46882	0.265471	0.799565	-1.25068	0.050702	0.651052	-1.53598		0.142958	0.738246	-1.35456	0.656025	0.917214	-1.09026	0.330064	0.823869	-1.21378	0.0738773	0.681113	-1.46819	1.73559	1.02019	0.523096	1
cg04285295	DEC81		0.225094		0.858267	1.03481	1.03481	0.079833	0.692269	-1.44453	0.0615202	0.68101	1.03819	0.103819	0.316353	1.20254	1.20254	0.648346	0.918086	-1.08922		0.881081	1.607637	1.43041	0.674356	0.198183	1.08183	0.491641	1.13884	1.13884	0.0849429	1.42557	1.42557	1.73357	0.951196	0.487726	1
cg27543290	PPP2CA		0.225094		0.469622	1.11271	1.11271	0.0953927	0.766752	-1.3042	0.23297	1.19878	1.19878	0.60678	0.927502	-1.07816	0.884439	1.012031	1.012031		0.0844491	1.31875	1.31875	0.1514891	0.779943	-1.28215	0.800381	1.03741	1.03741	0.365181	1.1444	1.1444	1.73357	0.557005	0.295859	1
cg00168604	GRID1;ARHGEF4;ARHGEF4;ARHGEF4;ARHGEF		0.225102		0.487457	0.854447	-1.17035	0.878215	0.966387	-1.03478	0.0197763	1.87303	1.87303	0.298214	1.27181	1.27181	0.605513	0.890321	-1.12319		0.222834	0.751544	-1.33059	0.855687	0.96022	-1.04143	0.944302	0.984542	-1.0157	0.18771	1.3652	1.3652	1.73354	1.36503	0.699935	1
cg06979937	4		0.225111		0.932094	0.976958	-1.02359	0.513399	1.19016	1.19016	0.156363	0.671104	-1.49008	0.888375	0.963732	-1.03763	0.0375162	1.553056	1.553056		0.150407	0.67192	-1.48827	0.699146	1.10755	1.10755	0.300487	0.754112	-1.32606	0.0627953	0.576562	-1.73442	1.73351	1.8096	0.974059	1
cg26421441	WDR26;WDR26		0.225111		0.0185938	0.579729	-1.73062	0.573518	1.115359	1.115359	0.733062	0.936394	-1.06794	0.134792	0.358835	-1.37353	0.0135683	2.797198	2.797198	0.74111	-1.40034		0.0744576	0.868538	-1.15136	0.52894	1.13039	1.13039	0.0910942	0.9245165	-1.07972	0.973494	1.0064	1.0064	1.7335	1.012155	0.519002	1
cg04481584	SDHA		0.225118		0.13247	2.90876	2.90876	0.270729	0.125888	-1.67588	0.527773	1.5231	1.5231	0.237849	0.255515	-2.25515	0.406668	0.57219	-1.74767		0.365762	1.84257	1.84257	0.0336669	0.13223	5.11233	0.131299	0.291969	2.91969	0.103427	3.22648	3.22648	1.73347	1.81756	0.68958	1
cg01616474	SVIP		0.225126		0.381828	1.91199	1.19199	0.136879	0.730699	-1.36855	0.316945	0.816631	-1.22454	0.543917	1.12781	1.12781	0.811864	1.02192	1.02192		0.260529	1.25833	1.25833	0.608095	0.903893	-1.10633	0.0558228	1.52842	1.52842	0.12968	1.37789	1.37789	1.73344	1.05255	0.539735	1
cg12570793	F11R		0.225127		0.173825	1.360461	-1.27422	0.046579	0.280613	-1.48471	0.0162607	0.125796	-7.94936	0.242534	0.42212	-2.3692	0.242436	0.422507	-2.36683		0.474678	0.602487	-1.65979	0.431949	0.568039	-1.76044	0.82073	0.836938	-1.19503	0.0273957	0.527901	0.636938	1.57003	1.63515	0.70038	1
cg15294361	NIN2		0.225133		0.753616	0.892168	-1.12086	0.720113	0.13932	1.13932	0.612754	0.831141	-1.20316	0.755832	1.11967	1.11967	0.0177954	0.352004	-2.84087		0.832488	0.926118	-1.07978	0.687725	0.863795	-1.15768	0.728509	0.883174	-1.13459	0.0318237	0.401834	-2.48859	1.73342	3.60501	1.84863	1
cg05328486	CDLN4;2		0.225133		0.984907	0.992368	-1.08086	0.7213	0.257261	1.27222	0.250356	0.634576	-1.65915	0.0515157	0.408823	-2.44604	0.592865	0.80088	-1.24863		0.387378	0.69454	-1.4398	0.2959865	0.56198	1.56198	0.855373	1.07795	1.07795	0.4460101	0.726496	-1.37647	1.73342	4.64671	2.38281	1
cg10423227	AFTPH;AFTPH;AFTPH		0.225131		0.609212	1.08086	1.08086	0.2821706	0.137406	1.07437	0.074637	0.963963	0.94147	-1.06217	0.327454	1.08161	1.08161	0.276227	1.27021	1.27021	1.25411	1.25411	0.0852163	0.578557	1.72884	0.809317	1.04961	1.04961	0.112532	1.41339	1.41339	1.73342	1.10115	0.564667	1
cg11049658	LSM2		0.225134		0.777985	0.934881	-1.06965	0.356817	0.797908	-1.25328	0.903737	1.02924	1.02924	0.55966	0.868903	-1.15088	0.100876	0.651785	-1.53425		0.0102304	0.462464	-2.16233	0.275401	0.763144	-1.31037	0.744672	0.925106	-1.08096	0.2038899	0.726563	-1.37634	1.7334	1.55793	0.798004	1
cg26702089	ILF2		0.225134		0.0903387	0.836676	1.19535	0.0845361	0.293915	1.25981	0.579426	0.754114	-1.32599	0.111675	0.414137	-2.41469	0.20402	0.505546	-1.97806		0.163795	0.467554	-2.13879	0.134202	0.496251	-2.01548	0.0988214	0.400854	-2.49511	0.0268731	0.332973	-3.00323	1.7334	2.26781	0.0533183	1
cg15322667	C1orf159		0.225134		0.410011	0.885993	-1.12868	0.265457	1.18143	1.18143	0.882988	0.763235	-1.31021	0.643707	1.0692	1.0692	0.207261	0.826077	-1.21054		0.401999	1.13114	1.13114	0.6666	1.34381	1.34381	0.868208	0.979423	-1.02415	0.436895	0.892309	-1.12069	1.73338	0.566638	0.290576	1
cg01780577	FAM65B		0.225145		0.889931	0.982167	-1.01854	0.720547	0.835667	-1.19677	0.661265	0.835653	-1.19667	0.0887921	0.198511	1.93618	0.264989	0.627144	-1.59393		0.0764544	0.898958	-1.11284	0.828961	0.657448	1.52057	0.127249	1.66694	1.66694	0.73355	1.10402	1.10402	1.7334	1.74409	1	1
cg17257265	ATPGD1;ATPGD1		0.225149		0.238636	0.507096	-1.97201	0.909696	0.939483	-1.06442	0.547093	0.71516	-1.39829	0.307307	0.559086	-1.78863	0.0738638	0.334143	2.99273		0.103752	0.375747	-2.66137	0.0365282	0.262624	-3.80773	0.0766221	0.338378	-2.95528	0.170797	0.448229	-2.231	1.73334	8.3023	4.26164	1
cg14209522	AGPAT3;AGPAT3		0.225153		0.153956	0.691522	-1.44609	0.0905826	1.56927	1.56927	0.974828	0.7001	-1.42801	0.0106556	0.189807	0.714902	-1.39879	0.00333	0.0298	1.0298		0.905625	1.02908	1.02908	0.0756535	0.31796	3.14551	0.0266151	0.197361	5.06684	0.0139755	0.297044	-3.36684	1.73332	1.60325	0.822184	1
cg06555404	SLC25A10		0.225153		0.0750478	0.556407	1.79822	0.181672	0.432441	-2.31245	0.229227	0.474245	-2.10861	0.342934	0.602251	-1.66028	0.342934	0.602251	-1.66028		0.577733	1.50816	1.50816	0.0271345	0.0716307	6.97345	0.0154239	-1.94402	0.0778497	0.0705408	0.142442	-2.3728	1.73328	0.59728	0.492183	1
cg26186727	NET01;NET01		0.225164		0.218818	0.819581	-1.22014	0.997361	1.00051	1.00051	0.768182	1.04652	1.04652	0.955892	1.00855	1.00855	0.277423	1.18978	1.18978		0.257787	1.19922	1.19922	0.981702	1.00353	1.00353	0.132934	1.28326	1.28326	0.0191988	1.54629	1.54629	1.73328	0.649677	0.333179	1
cg10907681	LOC595101		0.225165		0.0899053	0.759798	-1.3691	0.232854	0.168371	-1.45313	0.0483975	0.31341	-3.19107	0.0172858	0.215582	2.11582	0.364912	0.472831	-2.11495		0.540093	0.83139	-1.20317	0.0426861	0.144254	1.93258	0.0261388	0.707178	-1.41407	0.0173327	0.315445	2.98053	1.73328	2.55545	1.29053	1
cg08277746	ZBTB22;ZBTB22		0.225176		0.348643	0.582056	-1.89374	0.888268	0.728769	-1.37243	0.0796	0.744098	-1.34359	0.629156	0.74096	-1.34959	0.629156	0.74096	-1.34959		0.267028	0.465211	-2.14956	0.0206641	0.158149	-6.32315	0.570252	0.684084	-1.46181	0.0258398	0.431023	2.32006	1.73323	12.0225	6.16574	1
cg06703304	DUS2L;DDX28;DDX28		0.225177		0.357727	1.54713	1.54713	0.528668	0.744893	-1.34247	0.415555	1.46809	1.46809	0.314566	1.61584	1.61584	0.465563	0.709888	-1.40867		0.945878	0.969162	-1.03182	0.158382	0.498709	-2.00518	0.030138	3.24312	3.24312	0.239371	1.76559	1.76559	1.73322	5.84391	2.99707	1
cg16439421	PTPN22;PTPN22;PTPN22		0.225177		0.1536643	0.588267	1.69956	0.0881355	0.293915	1.25981	0.579426	0.754114	-1.32599	0.111675	0.414137	-2.41469	0.20402	0.505546	-1.97806		0.163795	0.467554	-2.13879	0.134202	0.496251	-2.01548	0.0988214	0.400854	-2.49511	0.0268731	0.332973	-3.00323	1.7332	2.26781	0.0533183	1
cg03670115	DYNC1I2;DYNC1I2		0.225184		0.674113	0.09073	1.00703	0.621282	0.902739	-1.10774	0.00893454	0.98057	1.98057	0.766498	0.940646	-1.0631	0.325294	1.23207	1.23207		0.93513	0.983413	-1.01687	0.361764	0.824796	-1.21242	0.928238	0.981662	-1.01868	0.801435	0.94954	-1.05314	1.73319	1.15887	0.594339	1
cg05127231	PBS4B		0.225186		0.316449	0.917371	-1.09015	0.0501744	0.243545	-4.10602	0.0181503	0.53518	-1.94107	0.469348	1.5485	1.54855	0.213111	0.483224	-2.12892		0.0998238	0.725844	-1.37804	0.151329	0.161687	2.05842	0.0182338	0.155535	-6.43116	0.0135913	0.313314	3.19107	1.73317	10.9837	5.63414	1
cg15991941	4;LOC100286844;BCDIN3D;LOC10028684		0.225199		0.916646	1.0351	1.0351	0.78164	1.085111	1.085111	0.60808	1.13317	1.13317	0.1392	0.8812353	1.58055	1.58055	0.723156	1.08782	1.08782		0.0116021	2.11532	2.11532	0.465596	1.02017	1.02017	0.108628	1.49361	1.49361	0.680986	1.10285	1.10285	1.73313	1.53954	0.780599	1
cg04344516	C1orf80		0.225201		0.638384	0.929671	-1.07561	0.728145	1.018961	1.018961	0.101399	0.881235	1.13486	1.13486	0.694612	0.941032	-1.06266	0.824546	-1.21256		0.987025	0.997498	1.00251	0.0329774	1.46842	1.46842	0.755652	1.05359	1.05359	0.168402	1.25372	1.25372	1.73312	0.651461	0.334123	1
cg10307802	FLI27453		0.225203		0.0869442	0.680614	-1.46926	0.787287	1.05659	1.05659	0.943136	1.01463	1.01463	0.304193	0.805261	-1.24183	0.0110823	0.522923	-1.91233		0.737172	0.933741	-1.07096	0.473757	0.862177	-1.15986	0.904324	0.975822	-1.02478	0.283308	0.797005	-1.2547	1.73311	1.13714	0.583221	1
cg25681999	HVCN1;HVCN1		0.225204		0.916798	0.99076	-1.00976	0.648207	0.94316	-1.06044	0.434536	0.79171	-1.26309	0.895863	1.0152	1.0152	0.0109	1.5621	1.5621		0.0671428	0.7977	-1.25397	0.0170022	0.20633	4.84851	0.0155128	0.1952	-5.12295	0.0116569	0.196093	0.823528	1.15609	1.15609	1.73311	2.82857	1.00999	1
cg08518329	TTC32		0.225205		?	?	?	0.222587	0.29209	2.29209	0.226671	2.27356	2.27356	0.463844	1.61628	1.61628	0.324235	0.599557	-1.6679		?	?	?	0.262825	0.470214	-2.12669	0.0458983	4.4884	4.4884	0.907982	0.928428	1.07709	1.83165	1.02063	4.97374	1
cg14313443	SMAD6;SMAD6		0.225206		0.177418	0.730461	-1.369	0.0176372	1.88244	1.88244	0.97326	1.00737	1.00737	0.872943	0.965541	-1.03569	0.305856	1.2615	1.2615		0.3543	0.811555	-1.2322	0.39949	0.827798	-1.20802	0.934778	0.9181	1.0181	0.873776	1.03545	1.03545	1.7331	1.31776	0.675867	1
cg01126567	GPR139;GPR139		0.225208		0.603936	1.00955	1.00955	0.0667156	0.154516	-1.55424	0.0790955	0.152275	-6.56573	0.0116455	0.0402739	2.48555	0.0150773	0.401543	-2.49202		0.489921	1.749131	1.749131	-1.3488	0.491238	1.749088	1.749088	0.0262061	3.012681	3.012681	0.131208	1.51119	1.51119	1.73309	0.476551	0.28777	1
cg05513100	LRIG1		0.225211		0.958889	0.970775	-1.02989	0.0124743	0.90798	0.90798	0.064717	3.27238	3.27238	0.701747	1.24592	1.24592	0.854265	0.907627	-1.10177		0.461744	1.53436	1.53436	0.682882	1.26454	1.26454	0.81183	1.146	1.146	0.556217	0.7117702	-1.40508	1.73308	0.96192	0.45653	1
cg00765314	LOC100130691;AGPS		0.225213		0.0796947	0.709755	-1.40827	0.0172676	0.432441	-2.31245	0.229227	0.474245	-2.10861	0.342934	0.602251	-1.66028	0.342934	0.602251	-1.66028		0.577733	1.50816	1.50816	0.0271345	0.0716307	6.97345	0.0154239	-1.94402	0.0778497	0.0705408	0.142442	-2.3728	1.73298	0.59728	0.492183	1
cg15093775	TMED5;TMED5;TMED5;CCDC18		0.225215		0.550565	1.65959	1.65959	0.595353	0.637879	-1.56769	0.899194	0.88915	-1.11216	0.0118773	0.0717844	-13.9306	0.643562	1.47823	1.47823		0.174219	1.36159	1.36159	0.593914	1.57051	1.57051	0.8306555	1.19679	1.19679	0.828489	0.8336617	-1.19959	1.73306	19.3114	9.90482	1
cg15107231	ZNF85		0.225215		0.321363	1.27351	1.27351	0.511167	0.854478	-1.17031	0.0878492	0.97552	-1.02572	0.388434	0.812723	-1.23195	0.145362	0.697732	-1.43317		0.189628	0.718351	-1.39216	0.0819847	0.607754	1.64534	0.0509698	0.853997	-1.17096	0.17306	1.53858	0.794011	1	1
cg22892025	LOC388955		0.225215		0.799748	1.22518	1.22518	0.98708	0.318738	1.07838	0.708116	-1.25295	0.828789	0.489375	1.48935	1.48935	0.0609324	0.0613217	-16.3074		0.822791	1.19628	1.19628	0.64882	0.650659	-1.64892	0.26233	0.393063	-2.54412	1.73306	17.5212	8.59863	1	1
cg09437162	LCN9		0.225216		0.325335	0.579133	-1.72672	0.0473613	0.295016	-3.38965	0.0599508	0.319196	-3.13287	0.782754	0.861808	-1.16035	0.214225	0.494798	-2.02103		0.463945	0.609593	-1.49345	0.0523161	0.304987	-3.27883	0.118506	0.401776	-2.48895	0.96467	0.976449	-1.02412	1.73306	7.94658	4.07582	1
cg06944112	LACTB2		0.225225		0.740772	0.949115	-1.05351	0.31066	0.84791	-1.17937	0.361673	0.884554	-1.15673	0.481764	0.893634	-1.11902	0.0829828	0.739471	-1.35243		0.984521	1.00033	1.00033	0.0074884	1.5051	1.5051	0.997537	0.949268	-1.05344	0.73302	0.878904	-1.13821	1.73305	0.678904	0.348219	1
cg04133380	IMPA2		0.225231		0.577853	0.878513	-1.13829	0.204759	0.734709	-1.36108	0.154536	0.697565	-1.43356	0.0401174	0.579005	-1.7271	0.280666	1.29479	1.29479		0.239104	0.752738	-1.32848	0.916684	1.0244	1.0244	0.754673	1.07489	1.07489	0.288655	1.28888	1.28888	1.733	1.45686	0.747252	1
cg02827057	ADAMTS10		0.225235		0.245889	0.681534	-1.46723	0.657235	0.64844	-1.55151	0.0685562	0.532154	-1.9042	0.708012	1.133051	1.13305	0.0662485	0.583257	-1.62922		0.713779	1.1239	1.1239	0.4615	0.775546	-1.28775	0.942665	0.977535	-1.02298	0.642158	0.882744	-1.13374	1.73298	2.73889	1.40484	1
cg03683497	DLC1		0.225237		0.492237	1.22882	1.22882	0.180606	0.607933	-1.64492	0.482133	0.810618	-1.23363	0.672799	0.880858	-1.1357	0.161986	0.643312	-1.55445		0.0722926	2.552912	2.552912	-1.6886	0.0926599	1.72745	1.72745	0.874726	0.933802	-1.07181	0.3918313	0.771678	-1.29588	1.73297	2.39541	1.22867	1
cg01976771	DTWD2		0.225241		0.694347	0.917789	-1.08957	0.0144556	0.519614	-1.92451	0.973204	0.992731	-1.00732	0.689511	1.09115	1.09115	0.699334	1.10096	1.10096		0.52659	0.869006	-1.14955	0.367402	1.22278	1.22278	0.156966	0.71978	-1.38931	0.252266	0.771225	-1.29664	1.73295	1.29501	0.664254	1
cg00357429	EVI1		0.225244		0.0568394	0.644753	-1.55107	0.0847855	0.646273	-1.54653	0.0847855	0.666233	-1.50048	0.0178143	0.554262	-1.80433	0.0178143	0.554262	-1.80433		0.444254	1.20256	1.20256	0.0988	0.59187	1.68932	0.0398	0.412	-2.42718	0.0210234	0.278587	0.67541	1.67541	1.67541	0.729393	0.435475	1	1
cg15740357	ZNF460		0.225247		0.223531	1.33522	1.33522	0.214329	0.744132	-1.34385	0.853967	0.959204	-1.04253	0.138699	1.43378	1.43378	0.541703	1.14987	1.14987		0.414723	0.828224	1.2074	0.0386297	1.73856	1.73856	0.64183	1.11171	1.11171	0.38797	0.818709	-1.22144	1.73293	1.34093	1.40258	0.719441	1
cg15152990	C1orf23;C1orf23;C1orf23		0.225249		0.587436	0.846143	-1.18183	0.693406	0.886209	-1.1284	0.789902	1.10485	1.10485	0.179255	0.647208	-1.5451	0.489031	0.780975	-1.28024		0.120671	0.598507	-1.67082	0.0163577	0.188867	5.29501	0.0178169	0.150202	-6.65552	0.0116455	0.402739	2.48555	1.73292	0.95268	0.43389	1
cg13183316	RIPK4		0.225249		0.195213	0.59638	1.59638	0.31259	1.42849	1.42849	0.551031	1.22868	1.22868	0.0129287	2.86752	2.86752	0.507968	0.818159	-1.22226		0.521684	0.801133	-1.24823	0.849344	0.937138	-1.06708	0.630067	1.1802	1.1802	0.230265	1.53681	1.53681	1.73292	1.19095	0.56403	1
cg16584392	MST1P9		0.225251		0.0993406	0.299347	-3.3406	0.14769	0.455814	-2.19388	0.184684	0.490849	-2.03729	0.63199	0.783417	-1.27643	0.057179	0.336767	-2.96941		0.75475	1.17175	1.17175	0.080214	0.37468	-2.66894	0.388511	0.639532	-1.56364	0.734416	0.84178	-1.18796	1.73291	7.02165	3.60172	1
cg21174390	RBM4		0.225256		0.3623873	0.774072	-1.29136	0.31066	0.84791	-1.17937	0.361673	0.884554	-1.15673	0.481764	0.893634	-1.11902	0.0829828	0.739471	-1.35243		0.984521	1.00033	1.00033	0.0074884	1.5051	1.5051	0.997537	0.949268	-1.05344	0.73302	0.878904	-1.13821	1.73291	0.678904	0.348219	1
cg10111786	GNL1;PRR3;PRR3		0.225261		?	?	?	0.393287	1.1257	1.1257	0.633063	1.06688	1.06688	0.711959	0.951025	-1.0515	0.556773	1.0838	1.0838		0.293893	1.15884	1.15884	0.691745	1.05544	1.05544	0.374159	1.13147	1.13147	0.00852109	1.57549	1.57549	1.73285	0.449063	0.258104	1
cg15144216	ACP1;ACP1;ACP1;ACP1		0.225267		0.8426	1.04794	1.04794	0.0185015	1.95849	1.95849	0.75367	0.928604	-1.07689	0.618221	1.1255	1.1255	0.711769	1.09125	1.09125		0.309988	0.777111	-1.28682	0.617252	0.888203	-1.12587	0.94040	0.982585	-1.01772	0.107252	0.661213	-1.51237	1.73285	1.51951	0.779457	1
cg26282001	TBXAS1;TBXAS1		0.225267		0.8426	1.04794	1.04794	0.0185015	1.95849	1.95849	0.75367	0.928604	-1.07689	0.618221	1.1255	1.1255	0.711769	1.09125	1.09125		0.309988	0.777111	-1.28682	0.617252	0.888203	-1.12587	0.94040	0.982585	-1.01772	0.107252	0.661213	-1.51237	1.73285	1.51951	0.779457	1
cg03700024	RTKN;RTKN;RTKN		0.225267		0.351616	0.518255	-1.92955	0.0080097	0.0972917	-10.2784	0.123867	0.318973	-3.13506	0.710393	0.774336	-1.29143	0.480156	0.611323	-1.6358		0.358926	0.523712	-1.90945	0.406772	0.558835	-1.78944	0.436636	0.580348	-1.7231	0.830038	1.585	1.585	1.73285	12.903	6.61877	1
cg00675259	DCUN1D2		0.225267		0.65184	1.16517	1.16517	0.0199559	1.13666	1.13666	0.193327	0.911859	-1.23264	0.112328	0.78928	1.78928	0.0429606	0.56427	-1.66328		0.795687	1.04217	1.04217	0.555562	1.19757	1.19757	0.73284	1.07251	1.21071	0.0595562	1.19757	1.19757	1.73284	1.31051	1.59456	1
cg08461425	KDM2B;KDM2B		0.225269		0.899837	1.06549	1.06549	0.0654924	2.83324	2.83324	0.940303	1.03666	1.03666	0.976731	1.0148	1.0148	0.038939	0.299947	-3.33392		0.821297	1.12072	1.12072	0.128645	0.437235	-2.2871	0.571736	1.

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. 477 vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(537T vs. 637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg16112239	MEX3B	0.225501	0.17711	0.728002	-1.37362	0.0570735	1.61026	1.61026	0.123621	1.44635	1.44635	0.410761	0.833254	-1.20011	0.944373	0.084677	-1.01556	0.248452	0.765697	-1.306	0.837448	0.95556	-1.04651	0.283967	1.2793	1.2793	0.494851	1.16577	1.73186	1.34309	0.689349	1
cg14522793	CDCA8;C1orf109	0.225502	0.530115	1.30561	1.30561	0.0363441	2.7738	2.7738	0.758309	1.13815	1.13815	0.979879	0.989482	-1.01063	0.645459	0.418704	-2.38832	0.130048	1.98506	1.98506	0.80443	1.11205	1.11205	0.695193	0.847807	-1.17951	0.922609	1.04158	1.14158	1.08146	4.82192	2.47488	1
cg03576816	HNRNPL;HNRNPL-PHM;CAPN10;CAPN10;CAPN10;CAPN10;CAPN10	0.225507	0.321269	0.73475	-1.36101	0.938145	1.02362	1.02362	0.609096	1.16781	1.16781	0.326073	0.737137	-1.3566	0.0130923	0.396269	-2.52354	0.944264	1.02125	1.02125	0.932964	0.975013	-1.02563	0.189891	1.51835	1.51835	0.839064	0.940668	-1.06307	1.73184	2.48148	1.27365	1
cg26429694	N10;CAPN10;CAPN10;CAPN10	0.225511	0.892348	1.01758	1.01758	0.966399	0.994592	-1.00544	0.220333	0.847242	-1.18044	0.183828	0.834011	-1.19902	0.2221192	1.17957	1.17957	0.149842	0.819753	-1.21988	0.233817	0.851564	-1.17431	0.781855	1.03638	1.03638	0.0720791	1.29491	1.73182	0.454535	0.233299	1
cg07239651	PRDM10;PRDM10;PRDM10;PRDM10;PRDM10	0.225516	0.964215	0.990377	-1.00919	0.532842	0.872715	-1.14585	0.803004	0.947554	-1.05535	0.251091	0.772249	-1.29642	0.0954935	0.67387	-1.48397	0.328132	1.24302	1.24302	0.0807158	1.5181	1.5181	0.10456	1.46577	1.46577	0.875756	0.96684	-1.0343	1.7318	1.27407	0.653948	1
cg15146515	ZUMO1	0.225519	0.110015	0.560458	-1.78426	0.0852131	0.531252	-1.88235	0.648452	1.16482	1.16482	0.295081	0.697034	-1.43465	0.213393	0.640929	-1.54576	0.445391	0.772158	-1.29507	0.0250033	0.412136	-2.42639	0.16525	0.611417	-1.63554	0.566637	0.824877	-1.2123	1.73179	3.0302	1.55534	1
cg15190491	C1orf93	0.225521	0.636813	1.15721	1.1572	0.442495	0.786319	1.29705	0.55329	0.831695	-1.20236	0.669391	1.340995	1.140395	0.497701	1.23534	1.23534	0.132092	1.64698	1.64698	0.0593096	0.748753	-1.33556	0.0460972	2.01019	2.01019	0.0096584	1.86424	1.86424	1.78178	2.58483	1.32674	1
cg09327504	FAM18A	0.225526	0.0566039	1.54856	1.54856	0.152698	1.27183	1.27183	0.117298	1.41564	1.41564	0.019226	1.7753	1.7753	0.598273	1.13377	1.13377	0.163306	1.35191	1.35191	0.309313	1.23765	1.23765	0.502257	1.14873	1.14873	0.704021	1.08042	1.08042	0.172376	1.12636	0.578145	1
cg25147842	HAUS3	0.225526	0.257987	5.1322	5.1322	0.0843729	19.8424	19.8424	?	?	?	0.0598831	32.0691	32.0691	?	?	?	0.273831	4.8022	4.8022	0.820708	1.33683	1.33683	0.613157	0.516633	-1.93561	0.554137	0.458475	-2.18114	2.67169	42.9485	6.88945	1
cg00366237	SEC22A	0.225528	0.0847821	0.694416	-1.44035	0.828978	0.958307	-1.04329	0.976711	0.994365	-1.00567	0.899623	1.07794	1.07794	0.249735	0.792256	-1.26222	0.540347	0.880918	-1.1025	0.0478931	0.645413	-1.54939	0.780851	0.963136	-1.03802	0.0961104	1.42441	1.42441	1.73175	1.0279	0.527612	1
cg15187515	ARVCF; CEP162;CEP162;CEP162F;CEP162F;CEP162FB;CEP162FB;CEP162FB

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Probeset ID	UCSC_REFGENE_NAME ASPH;ASPH;ASPH;ASPH;ASPH;ASPH;AS	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	p-value(1537 vs. 537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	Ratio(1537 vs. 477 vs. N)	Ratio(1637 vs. 637 vs. N)	F(Error)	SS(Test)	SS(Error)
cg06619076	PHASPH;ASPH;ASPH		0.025882	0.493077	0.004411	-1.10569	0.7596	1.0454	0.04853	1.07197	0.141295	0.516703	0.909284	-1.09977	0.026897	1.461	1.461		0.871227	1.02374	1.02374	0.863406	1.02529	1.025	0.839879	1.02969	1.02969	1.028609	1.173382	1.173022	0.573323	0.294541	1
cg02105939	FAM149A;FAM149A		0.025896	0.182583	0.749651	-1.33395	0.511132	1.14542	1.14542	0.752648	0.937625	-1.06652	0.794269	0.948155	-1.05468	0.0460439	0.627672	-1.59319		0.371663	0.829562	-1.20546	0.143014	1.37805	1.37805	0.17315	1.3435	1.3435	0.909435	1.02345	1.02345	1.73021	1.13718	0.584223	1
cg22468497	MIR518A2		0.030128	0.655009	-1.5267	0.787775	1.11218	1.11218	0.172078	0.563959	-1.77318	0.0354446	1.381	-2.62467	0.172426	0.564253	-1.77225		0.145419	0.540087	-1.85155	0.486821	1.32102	1.32102	0.09438	0.484435	-2.06426	0.548383	0.78717	-1.27037	1.7302	4.25485	2.18592	1
cg25127852	MLC1;MLC1;MLC1		0.2259	0.125796	0.234201	-4.26983	0.0131821	0.067016	-14.7229	0.105824	0.212683	-4.70182	0.879749	0.875767	-1.14186	0.180189	0.287342	-3.48017		0.956301	0.953118	-1.04919	0.363739	0.441364	-2.2657	0.461421	0.518404	-1.929	0.694406	0.707518	-1.41339	1.70319	2.03998	10.8092	1
cg01893439	C2H2-ZFN;C2H2-ZFN;C2H2		0.2301	0.185305	0.397754	-2.53142	0.78298	0.835486	-1.19691	0.581297	1.43485	1.43485	0.0578998	2.341157	-1.46468	0.753732	1.22742	1.22742		0.19656	0.407739	-2.45255	0.124089	2.99568	2.99568	0.869209	1.11322	1.11322	0.251647	2.19153	2.19153	1.79718	11.7996	5.1066	1
cg23235142	CCM2;CCM2;CCM2;CCM2;CCM2		0.025904	0.382463	0.675924	-1.47946	0.918612	1.04571	1.04571	0.69155	0.839971	-1.19052	0.0388219	0.351298	-2.84658	0.904206	0.948712	-1.05406		0.718602	0.85365	-1.17144	0.0573287	2.5606	2.5606	0.337942	1.5403	1.5403	0.350044	0.656623	-1.52294	1.70317	5.2401	2.69214	1
cg22094780	KIF4AP5-11		0.025906	0.169004	0.750748	-1.33291	0.41213	0.848664	-1.17852	0.0351274	0.614303	-1.62813	0.0891579	0.691126	-1.44274	0.888094	0.972853	-1.02763		0.562099	0.832512	-1.2013	0.261072	1.25739	1.25739	0.971686	0.993879	-1.00697	0.994894	0.765697	-1.306	1.73016	1.04925	0.539061	1
cg13674914	DGKB;DGKB		0.025907	0.0974748	0.360646	-2.7728	0.0648865	0.124552	-1.28145	0.153883	0.572852	-1.74565	0.248186	1.96803	-1.06504	0.356443	-2.74241		0.570107	1.37971	-1.37971	0.140305	0.618912	-1.61574	0.545876	1.40888	1.40888	0.872583	1.41457	1.73016	8.61876	4.42799	1
cg03270619	KIF25;KIF25		0.22591	0.637862	0.8474	-1.18008	0.0329615	0.418506	-2.38945	0.661382	0.857329	-1.16641	0.354063	1.39515	1.39515	0.356004	0.717787	-1.39317		0.323861	0.700573	-1.4274	0.0767185	0.502797	-1.98887	0.116842	0.551549	-1.81307	0.67793	1.15703	1.15703	1.73015	3.34241	1.71721	1
cg26372089	TGM6		0.025915	0.209948	0.838951	-1.19217	0.195466	0.709237	0.951447	-1.05104	0.134256	1.3380777	1.27	-1.23644	0.4385991	0.8199347	1.3386	0.815431	0.904041	-1.10574	0.315456	1.31772	0.759537	-1.2537	0.754163	0.959108	-1.04264	1.73013	0.484018	0.248675	1
cg24855954	B3GNTL1		0.025917	0.854457	0.1071	0.0619347	0.19518	-2.19518	0.675882	0.85447	-1.17032	0.5447	1.28052	0.129346	0.541744	-1.84589		0.413283	0.731359	-1.36732	0.179623	1.70508	1.70508	0.218923	1.68237	1.68237	0.213763	1.63176	1.63176	1.73012	3.83361	1.96961	1
cg26809911	CDO1		0.025918	0.800363	1.02672	1.02472	0.844896	0.9813	-1.01906	0.736195	0.852606	-1.17287	0.717715	0.965616	-1.03563	0.886565	1.08931	1.08931		0.792573	0.90562	-1.10257	0.362479	0.896454	-1.11776	0.553645	1.01944	1.01944	0.0211436	1.30627	1.30627	1.73011	0.254506	0.130759	1
cg02409281	RBM33		0.025921	0.724758	0.890107	-1.12346	0.581605	1.20114	1.20114	0.99992	0.999997	-1.00001	0.999992	0.678296	0.8716	-1.14724	0.0252728	0.624462	-1.60218		0.432123	0.767969	-1.30213	0.114813	0.568532	-1.75892	0.188743	1.58376	1.58376	0.46711	1.27592	1.27592	1.7301	2.97131	1.52659	1
cg19021467	EIF2C;EIF2C2		0.025924	0.86265	0.965111	-1.03615	0.212702	1.30888	1.30888	0.348251	1.21903	0.21901	0.0959664	1.45493	1.45493	0.903404	0.975408	-1.02521		0.512856	0.827747	-1.14581	0.0521451	0.635618	-1.57307	0.270537	1.26526	1.26526	0.45345	0.855027	-1.16955	1.73009	1.15248	0.592125	1
cg11939283	GSorf145		0.025924	0.377027	0.72064	-1.38764	0.25811	0.740628	1.4068	1.4068	0.242574	1.34274	0.576774	1.13203	1.13203	0.734147	0.929777	-1.07585		0.857419	0.96127	-1.04055	0.838099	0.589224	-1.69715	0.305478	1.3415	1.3415	0.36471	1.22735	1.22735	1.73009	1.32657	0.681053	1
cg06444282	VWA5B1		0.025925	0.107205	10.3018	10.3018	0.076826	13.6008	13.6008	0.40541	3.09285	3.09285	0.79433	1.41416	1.41416	0.943557	0.910357	-1.09847		0.230221	5.31032	5.31032	0.240415	5.10544	5.10544	0.0237456	35.8827	35.8827	0.151912	7.66048	7.66048	1.73008	48.2082	24.7686	1
cg19382222	RYR1;RYR1		0.025932	0.0448171	0.658049	-1.51936	0.892214	0.966244	-1.03493	0.113052	1.53432	1.53432	0.752603	0.923032	-1.08339	0.687157	1.10798	1.10798		0.26026	0.742733	-1.34638	0.527474	1.17604	1.17604	0.24001	1.34298	1.34298	0.215682	1.38665	1.38665	1.73005	1.75776	0.903123	1
cg26968804	KIFAP3-9		0.025937	0.685617	0.926356	-1.07955	0.537381	1.12456	1.12456	0.317484	0.746617	-1.33937	0.674244	0.902512	-1.08273	0.240744	0.793857	-1.25967		0.362845	1.19219	-1.19219	0.955251	0.708786	-1.41086	0.045702	0.649066	-1.54067	0.158147	0.753061	-1.32791	1.73003	0.96806	0.497388	1
cg18166742	C14orf105		0.025938	0.284789	0.798034	-1.25308	0.26678	0.790624	-1.26482	0.320263	0.81177	-1.23188	0.307098	0.806793	-1.23948	0.22102	0.770102	-1.29853		0.013605	0.52692	-1.89782	0.237562	0.777838	-1.28562	0.741537	0.935003	-1.06952	0.0908506	0.685066	-1.45971	1.73003	1.12971	0.580445	1
cg22509913	MAST1		0.025938	0.305513	0.83712	-1.19501	0.538455	1.12059	1.12059	0.663169	1.08197	1.08197	0.812671	0.90442	-1.10438	0.307705	0.834922	-1.19858		0.11288	1.36165	-1.36165	0.0198873	1.65348	1.65348	0.995123	0.98807	-1.00119	0.663857	0.924757	-1.08136	1.73003	0.876839	0.45052	1
cg00661202	TMEM43;CHCH4;CHCH04;TMEM43		0.22594	0.766484	0.920247	-1.08666	0.0783167	1.726	1.726	0.206823	1.44997	1.44997	0.931197	0.976189	-1.02439	0.469387	1.21797	1.21797		0.7733	0.922559	-1.08394	0.0473678	0.530935	-1.88347	0.473371	0.815861	-1.2257	0.268155	1.37972	1.37972	1.73002	2.13392	1.09642	1
cg02549910	TTC33L;TTC33L		0.025943	0.871047	1.02933	1.02933	0.727227	1.05299	1.05299	0.688473	0.97434	1.03434	0.679497	1.028747	-1.07672	0.275695	0.837292	-1.22355		0.796173	1.04713	1.04713	0.0303935	0.635872	-1.57264	0.0362922	0.6485	-1.54202	0.595387	1.10006	1.10006	1.73002	0.867398	0.445672	1
cg00397619	ATP10D		0.025943	0.0741496	1.39877	1.39877	0.427145	0.872203	-1.14652	0.569508	1.1018	1.1018	0.585883	0.911397	-1.09722	0.312237	1.19279	1.19279		0.555284	1.10585	1.10585	0.404405	0.865994	-1.15474	0.27395	1.21165	1.21165	0.03322	1.52164	1.52164	1.73001	0.779259	0.400388	1
cg07561588	RNF139;RNF139		0.025948	0.612326	1.10313	1.10313	0.0570559	2.00616	2.00616	0.772113	1.05736	1.05736	0.850187	1.03698	1.03698	0.602935	1.10605	1.10605		0.377174	1.03015	1.03015	0.925738	0.982254	-1.01807	0.355292	1.20037	1.20037	0.639148	0.913286	-1.09495	1.72999	1.01073	0.519326	1
cg05730730	PILRB;PILRB		0.025951	0.113202	0.645605	-1.52563	0.749026	1.08698	1.08698	0.144655	1.46952	1.46952	0.207683	0.790625	-1.26504	0.344704	0.927797	-1.07785		0.885408	0.609858	-1.63972	0.0134705	0.398093	-2.51154	0.0380599	0.58224	-1.71735	0.790263	-1.2604	0.747885	1.08741	1.032462	0.762581	1.72998	1.84889	0.950502	1
cg12470551	AUTS2;AUTS2		0.025951	0.396121	0.833719	-1.19945	0.236683	1.29624	1.29624	0.871606	1.03443	1.03443	0.343011	0.815104	-1.22684	0.0209819	1.78814	1.78814		0.372829	0.825747	-1.21102	0.203707	1.32412	1.32412	0.867248	1.03563	1.03563	0.757407	1.06699	1.06699	1.72997	1.19996	0.616558	1
cg14564351	AHI1;AHI1;AHI1		0.025953	0.522733	0.839637	-1.19096	0.390218	0.966244	-1.03493	0.113052	1.53432	1.53432	0.752603	0.923032	-1.08339	0.687157	1.10798	1.10798		0.26026	0.742733	-1.34638	0.527474	1.17604	1.17604	0.24001	1.34298	1.34298	0.215682	1.38665	1.38665	1.73005	1.75776	0.903123	1
cg26968804	KIFAP3-9		0.025957	0.685617	0.926356	-1.07955	0.537381	1.12456	1.12456	0.317484	0.746617	-1.33937	0.674244	0.902512	-1.08273	0.240744	0.793857	-1.25967		0.362845	1.19219	-1.19219	0.955251	0.708786	-1.41086	0.045702	0.649066	-1.54067	0.158147	0.753061	-1.32791	1.73003	0.96806	0.497388	1
cg18166742	C14orf105		0.025938	0.284789	0.798034	-1.25308	0.26678	0.790624	-1.26482	0.320263	0.81177	-1.23188	0.307098	0.806793	-1.23948	0.22102	0.770102	-1.29853		0.013605	0.52692	-1.89782	0.237562	0.777838	-1.28562	0.741537	0.935003	-1.06952	0.0908506	0.685066	-1.45971	1.73003	1.12971	0.580445	1
cg22509913	MAST1		0.025938	0.305513	0.83712	-1.19501	0.538455	1.12059	1.12059	0.663169	1.08197	1.08197	0.812671	0.90442	-1.10438	0.307705	0.834922	-1.19858		0.11288	1.36165	-1.36165	0.0198873	1.65348	1.65348	0.995123	0.98807	-1.00119	0.663857	0.924757	-1.08136	1.73003	0.876839	0.45052	1
cg06530028	ZYX;ZYX		0.025955	0.369057	0.818333	-1.22875	0.726163	0.81868	-1.22168	0.0226403	0.543668	-1.83936	0.11971	0.685928	-1.45788	0.0826865	1.28026	1.28026		0.346482	0.805348	-1.2417	0.63389	1.11331	1.11331	0.359476	0.81027	-1.23416	0.824997	1.0507	1.0507	1.72996	1.36615	0.701956	1
cg14110213	MGAT5B;MGAT5B		0.025964	0.977435	1.01091	1.01091	0.727227	1.03003	1.03003	0.802385	1.03955	1.03955	0.711877	1.01045	1.01045	0.884976	1.02183	1.02183		0.778004	1.03756	-1.03756	0.923791	1.39699	1.39699	0.0838364	1.04446	1.04446	0.692002	1.13258	1.13258	1.72996	0.867398	0.445672	1
cg21942184	PCGF3		0.22597	0.237239	0.39916	-2.50526	0.305018	0.219859	1.19859	0.673223	1.36973	1.36973	0.232449	0.395048	-2.53134	0.236656	0.3986661	2.5084		0.277169	0.432458	-2.31236	0.0334585	0.158353	-6.31502	0.239286	0.400908	-2.49433	0.149251	0.317579	-3.14882	1.72989	15.0719	7.74454	1
cg23926700	KDELC2		0.225971	0.138948	0.723745	-1.3817	0.427411	1.17879	1.17879	0.90095	0.975041	-1.0256	0.0853213	0.679681	-1.47128	0.246807	0.782052	-1.27869		0.887365	0.971641	-1.02919	0.0225553	0.574366	-1.74105	0.539235	0.881452	-1.13449	0.88595	1.02956	1.02956	1.72989	1.12897	0.580111	1
cg16650079	NTNL1		0.225972	0.118242	0.659473	-1.51693	0.52563	1.07402	1.07402	0.188687	1.18437	1.18437	0.0425465	1.48592	-1.4592	0.0276883	1.93413	1.93413		0.334179	1.18215	-1.18215	0.0460457	0.51326	-1.94859	0.0682824	0.37981	-2.63321	0.0995325	1.36088	1.36088	1.03656	0.587381	0.287881	1.72988	1.36525	0.508988	1
cg16597737	SLC9A11		0.225972	0.964191	1.01786	1.01786	0.0151991	2.63073	2.63073	0.496413	1.31451	1.31451	0.862343	0.933859	-1.07083	0.776227	1.11892	1.11892		0.111537	1.9806	1.9806	0.0738833	2.19352	2.19352	0.224651	1.65351	1.65351	0.346512	0.682337	-1.46555	1.72989	4.25939	2.18866	1
cg14658346	PKLR;PKLR		0.225982	0.250217	0.788287	1.26727	0.0733	1.2877	1.2877	0.335052	0.593031	-1.78794	0.253288	0.21013	-4.75911	0.0659302	1.78994	1.78994		0.158304	0.413794	-2.41766	0.188269	0.643998	-2.28886	0.0917284	0.44525	-2.24666	0.188324	0.49148	-2.03477	1.72988	1.46825	0.738388	0.42093	1
cg05270750	PRDM7		0.225985	0.87261	0.931404	-1.07365	0.502541	0.739821	-1.35168	0.774689	0.880649	-1.13553	0.0276136	0.315553	-3.16904	0.0587819	0.388572	2.57352		0.326938	0.638796	-1.56544	0.134887	0.503762	-1.98506	0.155851	0.510481	-1.95894	0.103985	0.455106	-2.19729	1.72983	1.37279	2.76085	1
cg05204097	LMF1		0.225988	0.764703	0.93875	-1.06525	0.0946017	0.679174	-1.47238	0.223526	0.763925	-1.30903	0.381163	1.20821	1.20821	0.0719326	0.654428	-1.52805		0.420323	1.1893	1.1893	0.226486	1.30657	1.30657	0.616855	1.11206	1.11206	0.406701	1.19569	1.19569	1.72982	1.21471	0.624194	1
cg12203156	OSBPL11;OSBPL11		0.225999	0.32138	0.73705	-1.35707	0.0911	0.647218	-1.54466	0.0975	0.835318	-1.19744	0.218656	0.705321	-1.41783	0.0345516	1.41783	1.41783		0.784721	1.03751	-1.03751	0.889099	0.882437	-1.13343	0.0887993	0.62539	-1.59867	0.0625391	1.34717	1.34717	1.72981	0.944849	0.548231	1
cg06530563	KANK2		0.226	0.267064	1.34995	1.34995	0.832861	0.946634	-1.05637	0.17009	0.684407	-1.46112	0.417011	0.806336	-1.24018	0.516499	0.843071	-1.18614		0.405876	0.801975	-1.24692	0.135761	0.658881	-1.51773	0.371057	0.742771	-1.34631	0.0202951	0.483377	-2.0671	1.72977	1.84502	0.948116	1
cg15091140	LILRA5;LILRA5;LILRA5;LILRA5		0.226002	0.115334	0.647655	-1.54371	0.574026	1.04686	-1.04738	0.50112	0.78812	-1.27004	0.179439	0.777212	-1.28645	0.0744502	1.28612	1.28612		0.239706	0.600858	-1.66443	0.0273775	0.790263	-1.26554	0.0196759	0.48901	-2.04511	0.0225505	1.08741	1.08741	1.032462	0.762581	1.72978	1.84889	0.950502	1
cg02241363	NPTX1;NPTX1		0.226009	0.391621	0.883661	-1.13166	0.590691	0.926344	-1.07951	0.486033	1.10489	1.10489	0.912663	0.822855	-1.21528	0.303638	0.860593	0.16199		0.272689	0.851399	-1.17454	0.656577	0.938886	-1.06509	0.0282644	1.44047	1.44047	0.505327	1.09993	1.09993	1.72973	0.543974	0.279542	1
cg13611783	SMAP1;SMAP1		0.226012	0.80776	0.961899	-1.03961	0.348798	0.93387	-1.19134	0.534289	1.0091	1.0091	0.670022	0.925346	-1.08091	0.551761	1.08488	1.08488		0.947948	1.03639	-1.03639	0.848867	1.39406	1.39406	0.0388019	1.54611	1.54611	0.729272	0.902577	0.463827	1
cg00706342	KLHDC9;MEA1		0.226015	0.0282352	0.68108	-1.46788	0.227478	0.620729	-1.60883	0.0884	0.0805	2.064	0.0127942	0.662271	0.0261216	0.0309955	2.10338	2.10338		0.234592	0.631762	-1.58288	0.156296	1.7502	1.7502	0.135531	1.84909	1.84909	0.170758	1.49011	1.74901	1.72966	0.71026	0.41484	1
cg14161165	ASTN2;ASTN2;ASTN2		0.226019	0.307063	0.689282	-1.45078	0.739093	1.12482	1.12482	0.153942	1.71113	1.71113	0.361506	0.720733	-1.38748	0.0713418	0.922459	-2.03147		0.257937	0.660056	-1.51502	0.580839	1.21684	1.21684	0.518059	1.25935	1.25935	0.0929866	0.521844	-1.91628	1.72969	3.39257	1.74344	1
cg17443418	TBC1D16		0.226021	0.103679	0.824152	-1.21316	0.111241	0.845664	-1.18302	0.0308488	0.606888	-1.64476	0.279713	0.598221	-1.67138	0.0807741	1.66413	1.66413		0.83735	1.11215	-1.11215	0.687413	1.25061	1.25061	0.463769	1.10924	1.10924	0.672668	0.975336	0.12638	1.72968	0.975336	0.12638	1
cg26022	SLC9A8		0.226022	0.552038	0.872124	-1.14663	0.755796	1.07353	1.07353	0.994378	1.0016	1.0016	0.0690828	0.629655	-1.58817	0.603494	0.887664	1.12655		0.093593	0.657025	-1.52201	0.273344	1.29595	1.29595	0.17046	1.39372	1.39372	0.243367	1.31997	1.31997	1.72968	1.41677	0.728084	1
cg19092959	PIM3		0.226029	0.0446611	0.465313	-2.15622	0.951734	0.980284	-1.02013	0.634684	0.854309	-1.17054	0.685541	0.857359	-1.16648	0.826128	0.93012	-1.07513		0.84704	0.938391	-1.06565	0.441228	1.29495	1.29495	0.0188987	0.992118	-2.05025	0.653408	1.16102	1.16102	1.72965	2.97009	1.53127	1
cg17434453	SLC29A3		0.226032	0.807013	1.05353	1.05353	0.313666	1.23972	1.23972	0.239741	0.84268	-1.18669	0.64449	1.16593	1.16593	0.128091	0.712328	-1.40385		0.120695	1.4149	-1.4149	0.0135691	1.62547	1.62547	0.0789962	1.12252	1.12252	0.75698	1.0661	1.0661	1.72964	1.14484	1.0386	1
cg00140419	COMMD8;COMMD8		0.226043	0.988104	1.00256	1.00256	0.286244	0.82728	-1.20878	0.0886147	1.43735	1.37935	0.82248	1.10922	1.03922	0.960466	0.991549	-1.00852		0.163008	0.852686	-1.17309	0.0652204	1.15569	1.15569	0.0134857	0.83452	1.03604	0.130694	1.72959	0.803606	0.41269	1
cg00167655	ZNF618;ZNF618		0.226045	0.205641	0.72065	-1.38794	0.253639	0.742393	-1.34697	0.261873	0.818482	1.80242	0.0442454	0.753277	-1.32753	0.0442454	1.80242	1.80242		0.0904046	0.552618	-1.8096	0.0139358	0.494924	2.02099	0.0106	0.37338	-2.67855	0.0106	1.36209	1.36209	1.72958	1.46048	0.390676	1
cg08414676	SOBD		0.226047	0.163148	0.707691	-1.41305	0.215782	0.738894	-1.35337	0.440082	1.20068	1.20068	0.203912	1.36541	1.36541	0.170533	0.712465	-1.40358		0.236424	0.749642	-1.33397	0.198471	1.37116	1.37116	0.234773	0.748807	-1.33546	0.41735	0.82488	-1.2123	1.72957	1.4779	0.759544	1
cg24743778	ACCN4;ACCN4;ACCN4;ACCN4		0.226055	?	?	?	0.495521	1.53386	1.53386	0.533471	1.47625	1.47625	0.209291	2.29166	2.29166	0.181258	2.43943	2.43943		0.0205059	6.30769	6.30769	0.597711	7.020038	7.020038	0.0148552	0.63436	-1.57639	0.562968	1.43469	1.43469	1.88398	0.59717	3.8006	1
cg16882097	NPC1		0.226059	0.632719	1.20942	1.20942	0.0925103	0.481358	-2.07745	0.243067	0.617291	-1.61998	0.993041	0.996562	-1.00345	0.669079	0.843835	-1.18507		0.0399348	2.54534	2.54534	0.25823	0.627578	-1.59343	0.0147435	0.749791	-1.33371	0.504273	1.30684	1.30684	1.72952	2.272	2.1956	1
cg24948372	TARS		0.226062	0.613511	1.13141	1.13141	0.563603	0.86802	-1.15205	0.0666732	0.607453	-1.64622	0.272648	1.3189	1.3189	0.455403	0.831678	-1.20239		0.967957	0.990309	-1.00979	0.518467	1.17198	1.17198	0.127672	1.49079	1.49079	0.0933673	0.639274	-1.56427	1.72951	1.60984	0.827385	1
cg03152353	NOTCH1		0.226063	0.995791	1.00023	1.00023	0.0973	1.10996	1.10996	0.824287	0.976592	-1.02428	0.0279152	1.13019	1.13019	0.0104828	1.27916	1.27916		0.141766	1.16922	-1.16922	0.255609	1.67642	1.67642	0.0272057	1.65384	1.65384	0.801747	1.89625	1.11575	1.7295	2.07257	2.66808	1
cg00205786	ZNF423		0.226063	0.597557	1.10136	1.10136	0.541107	1.12927	1.12927	0.39801	0.843626	-1.18536	0.690773	0.08174	1.08174	0.732249	0.934742	-1.06981		0.076119	1.47375	1.47375	0.0207406	1.7283	1.7283	0.165367	1.33744	1.33744	0.963692	0.991095	-1.00889	1.7295	1.05768	0.5436	1
cg00967201	REL1;REL1		0.226065	0.074137	0.783168	-1.27657	0.0776	0.647907	-1.54355	0.0923	0.0785	2.12531	0.0137308	0.626707	-1.59702	0.0490081	2.04263	2.04263		0.421931	0.789346	-1.26687	0.498673	0.820327	-1.21903	0.118604	1.6299	1.6299	0.693166	0.891946	-1.12114	1.72948	2.27749	1.17055	1
cg04883648	TMPPE;GLB1;TMPPE;GLB1;GLB1 ABHD14B;ABHD14B;ABHD14A;ABHD14		0.22607	0.268766	0.717395	-1.39393	0.572345	0.848306	-1.17882	0.0341407	0.490241	-2.03981	0.224929	0.692056	-1.44497	0.13924	0.631992	-1.5823															
cg10938441	B		0.226071	0.727403	1.39579	1.39579	?	?	?	0.086141	6.00696	6.09096	?	?	?	?	?		0.510605	1.88866	1.88866	0.0355877	10.2885	10.2885	0.549105	0.561902	-1.77967	0.724673	1.40069	1.40069	1.75425	16.8173	12.7822	1
cg22777670	USP43		0.226072	0.0315545	0.471609	-2.1204	0.193015	0.661839	-1.51094	0.880062	0.956204	-1.0458	0.647207	0.871655	-1.14724	0.144265	1.59612	1.59612		0.661669	1.14028	1.14028	0.466602	0.801838	-1.24713	0.122463	0.607166	-1.647	0.574873	0.844562	-1.18405	1.72947	2.43416	1.25107	1
cg15095327	IL17RE;IL17RE;IL17RE;IL17RE		0.226084	0.947784	1.02124	1.02124	0.7024	-1.07424	0.288663	0.515753	1.55753	1.55753	0.112611	0.203929	2.03929	0.0200158	2.04266	2.04266	0.202328

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(1057 vs. N)	Fold-Change(1-vs-1057)	p-value(1117 vs. N)	Fold-Change(1-vs-1117)	p-value(1127 vs. N)	Fold-Change(1-vs-1127)	p-value(1217 vs. N)	Fold-Change(1-vs-1217)	p-value(1237 vs. N)	Fold-Change(1-vs-1237)	p-value(1247 vs. N)	Fold-Change(1-vs-1247)	p-value(1377 vs. N)	Fold-Change(1-vs-1377)	p-value(1437 vs. N)	Fold-Change(1-vs-1437)	p-value(1537 vs. N)	Fold-Change(1-vs-1537)	p-value(5377 vs. N)	Fold-Change(1-vs-5377)	p-value(5637 vs. N)	Fold-Change(1-vs-5637)	F(Error)
cg05923857	TCF7L2	0.226304	0.10815	0.35863	-2.78568	0.312419	0.542926	-1.84187	0.09154	0.337555	-2.96248	0.586575	0.725455	-1.37844	0.024128	0.207943	-4.809	0.907379	0.934232	-1.0704	0.929058	0.940282	-1.05343	0.95408	1.03423	1.03423	0.0926026	0.338986	-2.94997	1.7285	9.35308	4.80987	1
ch.2.80001.F	RIKC6	0.226306	0.836097	1.05159	1.05159	0.684241	1.10438	1.10438	0.07380229	1.6224	1.6224	0.999084	1.00028	1.00028	0.324902	1.27998	1.27998	0.0294851	1.86356	1.86356	0.537228	0.859242	-1.16382	0.0669149	1.64664	1.64664	0.393375	1.23652	1.23652	1.72849	1.61407	0.8300447	1
cg07575106	CDX17		?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.131094	0.445309	-2.24561	0.279476	0.579934	-1.73631	0.286432	0.580995	-1.72119	0.91255	3.75247	2.35443	1
cg26388668	CSGALNACT1;CSGALNACT1	0.226311	0.129973	1.58563	1.58563	0.859089	1.05136	1.05136	0.980867	0.993264	-1.00678	0.127487	0.628468	-1.59117	0.222525	1.43517	1.43517	?	?	?	?	0.246714	1.40689	1.40689	0.979472	1.00728	1.00728	0.0588114	1.82485	1.73534	1.94048	1.11821	1
cg08712866	GLRB;GLRB;GLRB	0.226311	0.683413	1.4287	1.4287	0.34657	2.34131	2.34131	?	?	?	?	0.207344	0.308136	-3.24532	0.453547	0.152255	1.43517	1.43517	0.447553	1.96766	1.96766	0.798491	0.800645	-1.24899	0.0528813	7.41971	7.41971	0.0912164	5.33383	5.33383	1.89261	19.137	7.58359	1
cg16850917	PTPN23	0.226312	0.653126	1.45327	1.45327	0.00811308	16.2311	16.2311	0.516681	1.71674	1.71674	0.993176	0.991971	-1.00809	0.58426	0.634873	-1.57511	0.995002	1.00516	1.00516	0.881194	0.884239	-1.13092	0.790476	1.24477	1.24477	0.305356	0.417839	-2.39332	1.72846	16.5904	9.5172	1
cg01507342	PITPNC1;PITPNC1	0.226314	0.0410278	0.23487	-4.26545	0.076274	0.297058	-3.36435	0.323095	0.663882	-1.50663	-1.87382	0.227611	0.45873	-2.17993	0.0977557	0.327007	-3.05804	0.251334	0.478349	-2.09052	0.0557951	0.263603	-3.79358	0.212276	0.445578	-2.24428	0.387094	0.579561	-1.72544	1.72845	10.3636	5.32969	1
cg06112708	SP8;SP8	0.226314	0.864926	0.972793	-1.02797	0.154262	1.28028	1.28028	0.700486	1.06462	1.06462	0.329104	1.17725	1.17725	0.189876	0.798552	-1.25227	0.368659	1.16136	1.16136	0.952554	0.990406	-1.00969	0.261419	1.20894	1.20894	0.0218068	1.56204	1.56204	1.72845	0.718551	0.369528	1
cg13691684	MCF2L;MCF2L	0.226315	0.134682	2.84978	2.84978	0.0124742	3.54182	3.54182	0.156882	2.70627	2.70627	0.688625	1.08705	1.08705	0.968516	0.970429	-1.03079	0.418122	0.580394	-1.72256	0.643945	1.55803	1.55803	0.992714	0.990603	1.00597	1.00597	0.82386	0.863651	-1.15787	1.72845	11.8358	6.08682	1
cg24115593	CCDC99;CCDC99	0.226319	0.608762	0.946471	-1.05656	0.896616	0.101395	1.01395	0.742629	1.03574	1.03574	0.862784	0.981734	-1.01861	0.511829	0.931553	-1.07348	0.672653	0.955722	-1.04633	0.0903441	0.819264	1.22004	0.856023	1.01954	1.01954	0.0164558	1.36664	1.36664	1.72843	0.310879	0.159877	1
cg18194917	ARI2;ARI2	0.226319	0.564502	0.874045	-1.14431	0.209731	0.767416	-1.31851	0.595802	1.49579	1.49579	0.694713	1.09089	1.09089	0.210237	0.747569	-1.33803	0.598357	0.88375	-1.13149	0.156214	0.701807	1.42489	0.874404	0.964001	-1.03698	0.109642	1.49011	1.49011	1.72843	1.31153	0.684774	1
cg19308185	ACOT7;ACOT7;ACOT7;ACOT7	0.226323	0.989556	0.289405	-3.45537	0.683784	1.31163	1.31163	0.0962759	0.288262	-3.35276	0.494337	0.58953	-1.69627	0.161896	0.371809	-2.68955	0.502659	0.637217	-1.56932	0.0164552	0.199767	-5.00583	0.755246	1.23016	1.23016	0.163169	0.373072	-2.68045	1.72842	12.0123	6.17768	1
cg03251356	RREB1;RREB1;RREB1;RREB1	0.226324	0.162244	0.371806	-2.68957	0.0504931	0.228107	-4.38391	0.377464	0.548553	-1.82298	0.506092	0.639322	-1.56416	0.0235534	0.166441	-6.00813	0.285379	0.479156	-2.087	0.183873	0.392667	-2.54669	0.113009	0.318631	-3.13842	0.50462	0.638303	-1.56665	1.72841	12.035	6.18937	1
cg19426955	LIMS2;LIMS2;LIMS2;LIMS2	0.226326	0.651133	1.39731	1.39731	0.191882	2.76372	2.76372	0.0197241	2.32609	2.32609	0.713097	1.23097	1.23097	0.394084	1.89594	-1.89594	0.717785	1.3057	1.3057	0.882065	1.11527	1.11527	0.0124459	9.83268	9.83268	0.0616669	4.69665	4.69665	1.7284	14.7852	7.60375	1
cg16672562	HIF3A;HIF3A;HIF3A	0.226329	0.187602	0.224547	-4.45341	0.161841	0.20236	-4.9417	0.772634	1.36324	1.36324	0.503994	0.484187	-2.06532	0.0411873	0.0805104	-12.4208	0.158463	0.199401	-5.01503	0.163213	0.203557	-4.91263	0.101557	0.147	-6.80272	0.0854414	0.130865	-7.64145	1.72839	31.3158	16.1053	1
cg21644740	GABBR1;GABBR1	0.226331	0.314566	0.413503	-2.41836	0.656288	1.66279	1.66279	0.533345	1.70866	1.70866	0.291567	2.51395	2.51395	0.0556947	0.158662	-6.30269	0.416903	0.494363	-2.0228	0.0448147	0.144913	-6.90023	0.0134501	1.10309	1.10309	0.357254	0.407556	-2.23436	1.72839	19.737	10.1505	1
cg20817748	FAM38B	0.226332	0.845329	0.9388	-1.06432	0.09771	0.992257	-1.0078	0.462622	1.22409	1.22409	0.217092	0.816968	1.89698	-1.89698	0.377255	0.702601	-1.42328	0.26428	0.7297	-1.37043	0.0775345	1.70126	0.0457833	0.537881	-1.85915	0.321491	0.758687	-1.31807	1.72838	2.0077	1.03254	1
cg13815930	TRIM35;PTK2B;PTK2B	0.226333	0.291055	1.20756	1.20756	0.705241	1.0676	1.0676	0.735726	1.06005	1.06005	0.709028	0.937511	-1.06655	0.136957	0.843314	-1.1858	0.0257801	0.633965	-1.57737	0.0977022	0.73141	-1.36722	0.459032	1.13858	1.13858	0.448985	0.875627	-1.14204	0.72838	0.811148	0.417166	1
cg04601053	MYO15A	0.226343	0.0557307	0.32704	-3.1641	0.0184407	0.074043	-13.4348	0.420852	0.781298	-1.27992	0.401496	1.29396	1.29396	0.200957	0.843074	-1.18583	0.196353	0.663647	-1.50682	0.145444	0.732838	-1.36456	0.332262	0.796577	-1.35012	0.995862	1.00156	1.00156	1.72834	2.4655	1.26802	1
cg18850264	MBNL1;MBNL1	0.226343	0.0711131	0.382728	-2.61282	0.187612	0.514133	-1.94502	0.742458	0.854627	-1.1701	1.14451	0.473928	-2.11002	0.410545	0.669712	-1.49318	0.662758	0.811354	-1.23251	0.095385	2.39365	2.39365	0.802472	0.887447	-1.12683	0.127733	0.456335	-2.19137	1.72833	6.2124	3.19506	1
cg21543536	TSPYL1;DSE;DSE	0.226345	0.577341	1.17002	1.17002	0.109125	1.6279	1.6279	0.0286181	2.05489	2.05489	0.806885	0.933973	-1.0707	0.674428	0.888838	-1.12506	0.941884	0.97987	-1.02054	0.0789477	1.72305	1.72305	0.278123	0.36965	1.36965	0.191138	1.47114	1.47114	1.72833	2.1294	1.09516	1
cg27514336	NEK11;NEK11	0.226345	0.761236	0.856126	-1.16805	0.642952	0.78724	-1.26864	0.310715	0.585894	-1.70679	0.221317	0.519296	-1.92568	0.0179248	0.230782	-4.33309	0.538412	0.727968	-1.37369	0.130008	0.434476	-2.30162	0.262818	0.893975	-1.1186	0.0488254	0.31705	-3.15407	1.72833	7.11141	3.65744	1
cg26395451	SDK1	0.226351	0.587064	0.894089	-1.11746	0.802097	0.972431	-1.03525	0.812864	1.1458	1.1458	0.412562	1.23542	1.23542	0.103155	1.43482	-1.43482	0.718372	0.842108	-1.18704	0.362124	0.800914	1.24893	0.233203	0.713353	1.40221	0.0422792	0.713353	1.72827	0.577406	1.2294	0.577406	1
cg05121697	CDKN1B	0.226353	0.68804	1.06582	1.06582	0.162979	1.26516	1.26516	0.343626	0.857202	-1.16659	0.298347	0.843446	-1.18561	0.663626	1.07156	1.07156	0.0821314	1.35554	1.35554	0.061078	0.716506	-1.39566	0.943953	0.988957	-1.01137	0.58066	0.915646	-1.09212	1.72829	0.682796	0.351173	1
cg05547600	C7orf41	0.226354	0.370212	1.44252	1.44252	0.0128576	1.83861	1.67183	0.563284	1.28588	1.28588	0.180027	1.18465	1.18465	0.0680927	1.03866	-1.03866	0.579727	1.27043	1.27043	0.0319309	0.4238	1.42438	0.0407987	1.9044	1.9044	0.624713	1.24862	1.24862	1.72827	5.0116	2.57758	1
cg02311864	TNFRSF21	0.226359	0.298857	0.487976	-2.04928	0.0255053	0.173605	-5.86294	0.0549209	0.234467	-4.26499	0.850646	0.881965	-1.13383	0.616637	0.714394	-1.39979	0.156869	0.364618	-2.74259	0.0212148	0.416559	-2.40452	0.154205	0.643542	-1.5539	0.524219	1.53733	1.53733	1.72827	12.1529	6.25052	1
cg02100959	SMOC2;SMOC2	0.226361	0.0890617	0.604852	-1.6533	0.450139	1.22914	1.22914	0.768085	1.08251	1.08251	0.749565	0.917719	-1.08966	0.0613842	0.568319	-1.75957	0.0439163	0.537495	-1.86048	0.869722	0.956946	-1.04499	0.371534	0.781927	-1.27889	0.21904	0.707115	-1.4142	1.72826	1.96754	1.01195	1
cg27447514	MS4A15;MS4A15	0.226362	0.973541	1.02704	1.02704	0.918994	1.03777	1.03777	-1.03548	0.420852	0.781298	1.27992	0.401496	1.29396	1.29396	0.200957	0.843074	-1.18583	0.196353	0.663647	-1.50682	0.145444	0.732838	-1.36456	0.332262	0.796577	-1.35012	0.995862	1.00156	1.00156	1.72834	2.4655	1.26802	1
cg19032882	DLG2;DLG2;DLG2	0.226365	0.321865	1.42878	1.42878	0.214992	0.634302	-1.57631	0.271407	0.607852	-1.49064	0.127535	0.562972	-1.77629	0.0770174	0.198464	1.98464	0.411828	0.746339	-1.33987	0.260632	1.50542	1.50542	0.510889	0.792542	-1.26176	0.803238	1.09094	1.09094	1.72824	3.32744	1.71141	1
cg16898028	TRIM50	0.226372	0.0746222	0.586483	-1.70543	0.0911	0.550151	-1.81707	0.0554264	0.162362	-6.15623	0.272852	0.816322	-1.22483	0.0552662	0.122511	-8.16037	0.130653	0.386754	-2.58606	0.0155417	0.938005	-1.06531	0.0583622	1.34679	1.34679	0.129126	0.262624	-3.80926	0.722715	1.34679	0.722715	1
cg10020121	KIAA1751	0.226374	0.113975	0.442972	-2.25748	0.276129	-1.70992	1.70992	0.26163	0.574459	-1.74077	0.0811369	0.400251	-2.49843	0.645295	0.802933	-1.24543	0.0843133	2.47015	2.47015	0.87214	1.07925	1.07925	0.831766	1.10599	1.10599	0.697633	0.831203	1.20308	1.72821	1.23759	3.15682	1
cg19403586	MRPS28	0.226374	0.118775	0.367678	-2.57946	0.722223	1.17636	1.17636	0.908701	1.0663	1.0663	0.393693	0.612279	-1.63058	0.0163271	0.256184	-3.90345	0.171794	0.443057	-2.25705	0.0510286	0.288331	1.46848	0.874941	0.915631	-1.09214	0.218747	0.484864	-2.06243	1.7282	8.57193	4.40891	1
cg19432494	SIK1;SIK1;SIK1;SIK1	0.226377	0.335075	0.894089	-1.11746	0.0944597	0.587037	-1.70256	0.340056	0.628805	-1.59018	0.184815	0.618955	1.61596	0.0167768	0.240995	-4.14987	0.0926764	0.338905	-2.95014	0.0127007	0.371678	1.02514	0.977	0.922127	-1.08445	0.202357	1.20471	1.20471	1.72819	0.525536	0.270308	1
cg06944122	CRLS1;CRLS1	0.226378	0.592398	0.81273	-1.23042	0.0098	0.285667	-3.50058	0.291017	0.656764	-1.52262	0.147068	0.550431	-1.81676	0.433111	0.735669	-1.35925	0.236596	0.621371	-1.60934	0.398971	0.717966	-1.39282	0.945799	1.02643	1.02643	0.180153	0.579182	-1.72657	1.72819	4.02971	2.07267	1
cg25348471	HHIPL1;HHIPL1	0.226383	0.618363	1.08722	1.08722	0.221036	1.27107	1.27107	0.527281	1.28352	1.28352	0.510914	0.78667	1.2967	1.2967	0.771035	-1.29671	0.672134	0.896392	-1.11597	0.563789	1.25381	1.25381	0.32571	0.806202	1.24024	0.0483531	0.806202	1.47984	0.838511	1.93369	0.964553	1
cg14311690	RALGDS	0.226379	0.57788	1.16923	1.16923	0.0475568	1.87803	1.87803	0.129227	1.57764	1.57764	0.183184	1.4811	1.4811	0.176798	0.670786	-1.49079	0.369573	0.773924	-1.29212	0.769384	1.0852	1.0852	0.300312	1.34784	1.34784	0.801607	1.932373	1.07253	1.72818	2.11708	1.08802	1
cg22442557	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.226379	0.969473	1.02749	1.02749	0.0470258	5.00798	5.00798	0.0620194	4.43351	4.43351	0.418732	1.79606	1.79606	0.366634	0.518238	-1.92962	0.320075	2.05159	2.05159	0.2407	0.418734	-2.38815	0.622668	0.703622	-1.42122	0.784898	1.21398	1.21398	1.72818	13.748	7.07127	1
cg05495653	TPM1	0.226388	0.205675	1.16161	1.16161	0.220487	1.15551	1.15551	0.0193207	1.37362	1.37362	0.603576	0.06054	1.06054	0.98734	1.00175	1.00175	0.193534	1.16692	1.16692	0.40798	1.09062	1.09062	0.52381	1.07518	1.07518	0.0443526	1.29581	1.29581	1.72815	0.344591	0.177243	1
cg05265574	USP6NL	0.226393	0.0293741	0.409763	-2.44003	0.0178	0.141	-7.0922	0.0139455	0.160481	0.62315	0.650885	0.650885	1.53585	0.0268803	0.553384	-1.80708	0.0242241	0.415054	-2.40911	0.0119504	0.150851	1.63888	0.0554138	1.22594	1.22594	0.0454258	0.82095	-1.21816	0.0654138	1.72794	0.409033	0.134286	1
cg14996807	UNC13A	0.226399	0.523684	1.1548	1.1548	0.46252	2.18123	2.18123	0.217508	0.749061	-1.335	0.463096	1.18097	1.18097	0.170331	0.722375	-1.38432	0.24241	0.761502	-1.31319	0.0696489	1.57125	1.57125	0.24418	1.31173	1.31173	0.407311	0.827975	-1.20777	1.7281	1.35745	0.698235	1
cg22821472	SLCO5A1;SLCO5A1;SLCO5A1	0.226400	0.912264	1.02899	1.02899	0.0208361	0.424948	-2.35323	0.818167	1.062	1.062	0.29154	1.44491	1.44491	0.272877	0.66126	-1.51214	0.135153	1.71889	1.71889	0.0139241	0.0845	1.41342	0.0407987	0.881945	1.13161	0.222191	0.624295	1.13161	1.72811	1.59207	1.59208	1
cg25196440	FHL3	0.226402	0.519543	1.13753	1.13753	0.585257	1.149	1.149	0.0476865	0.639577	-1.56353	0.482144	1.15142	1.15142	0.79726	0.950548	-1.05202	0.12673	1.38546	1.38546	0.184812	0.31995	1.31995	0.154433	1.3499	1.3499	0.563562	0.801602	-1.12158	1.72809	1.0662	0.548427	1
cg17105737	FGF22	0.226403	0.682087	0.930697	-1.07446	0.100791	0.730933	-1.36811	0.12257	0.746935	-1.33881	0.842422	1.03532	1.03532	0.243625	0.808361	-1.23707	0.136326	0.755869	-1.32298	0.101004	1.3678	1.3678	0.686714	1.07326	1.07326	0.614718	1.09254	1.09254	1.72808	0.83229	0.428113	1
cg24004745	IRAP	0.226411	0.162079	1.70224	1.70224	0.438596	0.754635	-1.32514	0.554915	1.2104	1.2104	0.580827	1.21986	1.21986	0.988429	0.994846	-1.00518	0.864409	1.0628	1.0628	0.0140951	0.339688	-2.94388	0.847019	1.07125	1.07125	0.445917	0.758156	-1.31899	1.72805	3.47516	1.78758	1
cg26493398	SPAG6;SPAG6	0.226411	0.0800725	12.3451	12.3451	0.975345	0.961418	-1.04013	0.814475	0.933308	-1.07146	0.156529	0.836816	-1.19501	0.174821	1.19027	1.19027	0.916685	0.873344	-1.14502	0.309581	2.01828	2.01828	0.0195647	0.958049	17.3061	17.3061	0.0131821	3.78279	3.78279	1.72805	45.8414	23.5803	1
cg08463131	CH25H	0.226417	0.179321	0.841944	-1.18787	0.164704	1.19591	1.19591	0.0933308	-1.07146	0.156529	0.836816	-1.19501	0.174821	1.19027	1.19027	0.416357	0.904603	-1.10546	0.167391	0.852253	-1.17338	0.758217	1.63797	-1.03797	0.645495	1.70576	1.1579	-1.15579	1.72803	0.398686	0.205082	1
cg13821072	HECW2;HECW2	0.226421	0.616774	1.05547	1.05547	0.486508	1.07859	1.07859	0.0115178	1.40235	1.40235	0.852718	1.02008	1.02008	0.212706	1.15075	1.15075	0.908166	0.987729	-1.01242	0.940604	0.990258	1.00801	0.371243	0.906433	-1.10323	0.195097	1.15793	1.15793	1.72801	0.313338	0.161181	1
cg00697970	TDRD9	0.226421	0.71086	0.858134	-1.16534	0.39232	1.16427	1.16427	0.208	1.16128	1.16128	0.622364	1.16128	1.16128	0.622364	1.16128	1.16128	0.713097	0.83787	-1.19354	0.206754	0.902614	1.10883	0.0820772	0.954118	0.93517	0.699267	0.849384	-1.17732	0.551221	0.780551	1.28117	1.28117	1.72801	1
cg09419978	CDK10;CDK10;CDK10;CDK10;CDK10;CD	0.226424	0.258952	0.64716	-1.54521	0.286447	1.50531	1.50531	0.58675	0.816455	-1.22481	0.806899	1.0947	1.0947	0.947748	1.02451	1.02451	0.113272	0.528996	-1.89037	0.4687	0.761561	-1.31309	0.0177437	0.346633	-2.90164	0.422209	0.738663	-1.3538	1.728	3.7361	1.92187	1
cg02797548	EOMES	0.226424	0.258393	2.76265	2.76265	0.974369	1.02807	1.02807	0.536377	1.71519	1.71519	0.7503	1.3167	1.3167	0.651339	1.47995	1.47995	0.182998	0.295947	3.37899	0.607763	1.56223	1.56223	0.111546	15.2084	15.2084	0.851283	0.850671	-1.17554	1.72799	20.3217	10.4536	1
cg07586272	GPR83;GPR83	0.226428	0.184675	1.45242	1.45242	0.66756	1.12145	1.12145	0.957748	0.986044	-1.01455	1.01072	1.58571	1.58571	0.264059	1.36183	1.36183	0.416185	1.24663	1.24663	0.0659804	0.583981	-1.71239	0.904633	1.03231	1.03231	0.0916483	1.63673	1.63673	1.72798	1.92595	0.990727	1
cg20385745	NOS1	0.226433	0.186357	1.61933	1.61933	0.48482	2.00778	1.66728	0.701684	1.14073	1.14073	0.242139	1.0456516	2.2.03987	1.14073	0.242139	1.0456516	0.0462501	0.774302	1.29147	0.208464	0.515593	1.94	0.0155963	1.15766	1.15766	0.0365613	1.37426	1.37426	1.72797	3.20113	1.6467	1
cg00253811	PLAG1;PIGA	0.226434	0.0955327	0.244662	-4.08727	0.750142	0.78221	-1.27843	0.770504	0.798605	-1.25218	0.089724	0.21292	4.21292	0.250781	2.51579	2.51579	0.0619052	0.198624	-5.03465	0.734285	1.29944	1.29944	0.785119	0.810487	-1.23383	0.729752	1.30554	1.30554	1.72797	16.1763	8.32127	1
cg03718183	STMN1;STMN1;STMN1;STMN1	0.226434	0.178332	1.42687	1.42687	0.23587	1.27833	1.27833	0.113825	1.19685	1.19685	0.507995	0.826292	1.21975	0.156746	0.824293	-1.21303	0.532001	0.704604	-1.42003	0.0247478	0.233	1.42933	0.0247478	0.924931	-1.08124	0.277296	0.924931	-1.08124	1.72797	0.610188	0.294377	1
cg19902918	SESN2;SESN2	0.226432	0.247757	1.56675	1.56675	0.151575	1.76987	1.76987	0.049449	2.30031	2.30031	0.26624	1.53793	1.53793	0.177985	1.70207	1.70207	0.567145	1.23978	1.23978	0.072721	2.10416	2.10416	0.133945	1.82318	1.82318	0.0540351	2.25371	2.25371	1.72796	3.77844	1.94369	1
cg21308275	TGM5;TGM5	0.226435	0.0997417	2.06225	2.06225	0.814372	1.09948	1.09948	0.322928	0.663882	-1.50628	0.811212	0.908454	-1.10077	0.132244	0.521104	-1.919	0.0492407	2.46102	2.46102	0.246282	1.62298	1.62298	0.821251	1.09505	1.09505	0.99847	1.00077	1.00077	1.72795	4.40556	2.2663	1
cg24034280	SCAMP3;SCAMP3	0.226435	0.854322	1.09755	1.09755	0.563105	0.873037	-1.14506	0.568271	1.16255	1.16255	0.483703	1.22275	1.22275	0.311511	1.28668	1.28668	0.0975161	0.732405	1.22279	0.0404427	1.37507	1.37507	0.319664	1.22575	1.22575	0.0404427	1.39057	1.39057	1.72795	1.4982	0.755783	1
cg13694749	SCN4A	0.226436	0.827744	0.884723	-1.1303	0.517637	0.691648	-1.44582	0.254101	0.512044	-1.95296	0.13516	0.404662	-2.47242	0.019935	0.181378	-5.51334	0.613275	0.750929	-1.33168	0.196061	0.463753	-2.15632	0.141388	0.411115	-2.43241	0.144369	0.414241	-2.41406	1.72795	8.64519	4.44725	1
cg16085042	LOC253724;HSP90B1	0.226435	0.88971	0.885586	0.0941	0.0941	0.0941	0.122503	0.0941	0.0941	0.05766	0.507846	0.107283	1.07283	0.0941	0.0941	0.0941	0.0941	0.999923	0.999923	0.0008	0.0941	0.0941	0.0941	0.0941	0.0941	0.0941	0.0941	0.0941	0.0941	1.72795	0.209448	0.154145	1
cg01084266	PMF1	0.226438	0.12102	2.32704	-3.00882	0.326873	0.197564	2.97564	0.266075	0.218052	2.18052	0.290671	0.478523	-2.09104	0.0932899	0.288884	-3.46212	0.577958	0.54949	-1.45949	0.264844	0.460846	-2.16992	0.322292	0.54687	-1.82687	0.173076	0.377093	0.65186	1.72794	12.3842	6.37071	1
cg02807849	GRIN2D	0.226439	0.16708	0.566263	-1.76596	0.1144455	0.515137	-1.94035	0.598633	0.814581	-1.22762	0.147044	0.548357	-1.82363	0.0585345	0.438126	-2.28245	0.0824458	0.475816	-2.10165	0.0472933	0.416319	-2.402	0.857731	0.913064	-1.07174	0.3707113	0.701247	-1.42603	0.72793	4.07965	2.09867	1
cg24754987	SYNTA24	0.226442	0.524437	1.39741	1.39741	0.307212	0.52516	-1.90426	0.0505502	0.202234	-4.94564	0.0316402	0.232214	-4.30685	0.0505502	0.202234	-4.94564	0.0316402	0.232214	-4.30685	0.0505502	0.202234	-4.94564	0.0316402	0.232214	-4.30685	0.0505502	0.202234	-4.94564	0.0316402	0.232214	-4.30685	0.0505502	0.202234	-4.94564	0.0316402	0.232214	-4.30685	0.0505502	0.202234	-4.94564	0.0316402	0.232214	-4.30685	0.0505502	0.202234	-4.94564	0.0316402	0.232

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg25017994	MOG;MOG;MOG;MOG;MOG;MOG;M OG;MOG;MOG;MOG;MOG	0.226673	0.108014	5.77478	5.77478	7.26021	1.42162	1.42162	0.803256	1.28353	0.74505	1.38578	1.38578	0.950492	0.888464	-1.12554	0.32028	2.79245	2.79245	0.032441	2.26721	12.2761	0.0839009	6.77063	6.77063	0.061297	8.23508	8.23508	0.095288
cg11313386	TEX9 SMARCD1;SMARCD1;SMARCD1;SMARC	0.226674	0.0829541	0.548132	-1.82438	0.0530597	0.502368	-1.99057	0.592755	1.18421	1.18421	0.549168	1.20903	1.20903	0.190114	1.54432	1.54432		0.627199	1.16565	1.16565	0.542932	1.21271	1.21271	0.231205	0.674822	-1.48187	0.805008	0.925461	-1.08054	1.72695	2.6826	1.38078	1
cg17846064	D1	0.226674	0.0312606	0.474272	-2.1085	0.609565	1.1351	1.1351	0.794782	0.92594	-1.07938	0.734175	1.10585	1.10585	0.907111	0.96613	-1.03506		0.570372	1.18447	1.18447	0.029142	0.468471	-2.1346	0.961992	1.01457	1.01457	0.375632	0.764596	-1.30788	0.726995	2.38329	1.22672	1
cg10443040	MLL5;MLL5	0.226676	0.777485	1.10507	1.10507	0.0212101	2.65645	2.65645	0.235177	1.55077	1.55077	0.611268	1.19812	1.19812	0.336977	0.705333	-1.41777		0.880091	1.05467	1.05467	0.542222	0.804486	-1.24303	0.105965	1.86387	1.86387	0.615931	0.836649	-1.19524	0.17694	3.40113	1.75062	1
cg00293599	SPOEF	0.226681	0.180711	0.486168	-2.0569	0.943751	1.03645	1.03645	0.303183	0.582067	-1.71802	0.176998	0.482798	-2.07126	0.0412407	0.30276	-3.30295		0.3408	0.607676	-1.64561	0.170835	0.477116	-2.09592	0.0302605	0.274553	-3.64228	0.298359	0.578689	-1.72804	1.72692	7.04222	3.6248	1
cg05440294	RYR1;RYR1	0.226682	0.807261	0.881982	-1.13124	0.465326	1.4548	1.4548	0.230491	0.53012	-1.88636	0.64944	1.25969	1.25969	0.102891	0.604844	-1.65312		0.6457	1.26307	1.26307	0.0165236	0.228223	-4.38168	0.77317	0.86433	-1.15697	0.598314	0.764747	-1.30762	1.72692	6.9614	3.58321	1
cg19223616	CLCN5;CLCN5;CLCN5	0.226691	0.115923	2.69055	2.69055	0.462768	0.548594	-1.5418	0.711713	0.506536	-1.23987	0.366858	0.522897	0.366858	0.247254	-4.07735		0.309592	1.83869	1.83869	0.21579	0.22673	-4.41263	0.977825	0.94891	-1.05384	0.836817	1.12689	1.12689	0.798268	9.17612	4.72329	1
cg26092471	MSX2	0.226698	0.767542	1.19129	1.19129	0.113019	2.76906	2.76906	0.531309	1.45417	1.45417	0.986081	1.01035	1.01035	0.772062	0.84239	-1.1871		0.588382	1.38077	1.38077	0.674912	1.28285	1.28285	0.00888405	7.14311	7.14311	0.663367	0.772123	-1.29513	1.72685	9.53613	4.90867	1
cg08539575	FAM164A	0.226699	0.406823	1.86995	1.86995	0.0913381	0.765804	1.34449	0.287603	1.19874	1.19874	0.116015	1.16182	1.16182	0.0883151	1.34871	-1.34871		0.2200177	1.23577	1.23577	0.112788	0.793192	-1.31029	0.594515	1.09221	1.09221	0.482495	0.889418	-1.12453	1.72685	8.73183	4.67707	1
cg06994813	PCLO;PCLO	0.2267	0.913782	0.983034	-1.01726	0.848294	0.970196	-1.03072	0.889744	1.02216	1.02216	0.0803637	1.3586	1.3586	0.0681818	0.724217	-1.3808		0.2155008	0.813863	-1.22871	0.922152	0.984675	-1.01556	0.404777	1.14417	1.14417	0.125858	1.29911	1.29911	1.72684	0.682689	0.351413	1
cg07921751	GLI2	0.226703	0.585212	1.54969	1.54969	0.344621	2.16089	2.16089	0.757907	1.22682	1.22682	0.878546	1.1289	1.1289	0.78019	1.31525	1.31525		0.456756	0.648562	-1.82395	0.0134609	0.0885692	-11.2956	0.0118168	1.14299	1.14299	0.173865	0.0118168	-3.14299	1.72683	12.1551	8.82031	1
cg08829700	SPIRE1;SPIRE1;SPIRE1	0.226705	0.361901	1.09828	1.09828	0.0529874	1.24603	1.24603	0.278882	1.1192	1.1192	0.674868	1.0431	1.0431	0.612779	1.05238		0.0930166	1.20303	1.20303	0.143418	0.854472	-1.17031	0.203501	1.14369	1.14369	0.217186	1.13868	1.13868	1.72682	0.273639	0.140857	1
cg02259232	RPL10;RPL10L	0.226711	0.42057	1.33669	1.33669	0.236544	1.54866	1.54866	0.0488392	0.452318	-2.21083	0.547962	0.807017	-1.23913	0.337548	1.38008	1.38008		0.507577	1.26754	1.26754	0.0684159	0.205336	0.05336	0.685502	1.1544	1.1544	0.372485	1.38112	1.38112	1.7268	3.40138	1.7509	1
cg02570089	PRR13;SKA2;SKA2	0.226722	0.795685	0.958079	-1.04506	0.168754	0.779509	-1.28286	0.322323	0.845057	-1.18966	0.837866	0.872866	0.837866	0.975514	-1.02754		0.32194	0.804054	-1.18983	0.0163925	0.607552	-1.64595	0.493743	1.12531	1.12531	0.323353	1.18829	1.18829	1.72675	0.709228	0.404224	1
cg02005505	GDF1;LASS1;LASS1	0.226723	0.747526	0.964356	-1.03696	0.0564245	0.784483	-1.27472	0.253108	1.14354	1.14354	0.297871	0.885796	-1.12893	0.426871	0.912865	-1.09545		0.1606669	0.845019	-1.18341	0.12603	0.830253	-1.20445	0.525533	0.93026	-1.07497	0.235168	1.15007	1.15007	1.72675	0.345354	0.17778	1
cg08434809	MMP15;MMP15	0.226724	0.184198	0.795308	-1.25738	0.427231	1.14088	1.14088	0.382796	0.86453	-1.15664	0.433621	0.878177	-1.13872	0.80861	0.963114	-1.04024		0.0207678	0.635992	-1.57235	0.295513	1.15954	1.15954	0.0955308	0.992954	-1.0071	0.421806	1.14272	1.14272	1.72674	0.720918	0.372142	1
cg23324457	SGK196	0.226727	0.336099	1.844173	-1.17	0.32456	1.184601	1.184601	0.0324033	1.51565	1.51565	0.165859	0.782439	-1.27805	0.0170511	1.01746	-1.01746		0.247533	0.818137	-1.22229	0.375782	0.859524	-1.16289	0.513325	0.9005533	-1.11045	0.798537	1.04338	1.04338	1.72673	0.751812	0.388049	1
cg02493602	ME3;ME3;ME3	0.226728	0.872981	1.1307	1.1307	0.270056	2.41509	2.41509	0.484637	1.72504	1.72504	0.852644	1.15345	1.15345	0.0807063	0.226017	-4.42445		0.459251	0.560712	-1.78345	0.0381943	0.158115	-6.32449	0.169306	0.324919	-3.07769	0.531356	0.614596	-1.62709	1.72673	16.12	8.29831	1
cg20629729	GCM1	0.226729	0.649361	1.26218	1.26218	0.0987744	0.752024	1.32974	0.263769	0.845167	0.550389	-1.81654	0.180054	0.724408	2.09443	1.09443	-1.09443		0.0928053	1.26359	1.26359	0.263808	1.8093	1.8093	0.0647704	0.347156	1.23156	0.124911	2.32929	2.32929	1.72672	0.708631	0.364791	1
cg14849468	ALDH6A1	0.226731	0.232959	0.360861	-2.77115	0.0399194	0.144361	-6.9271	0.0741408	0.197547	-5.06209	0.916582	1.08913	1.08913	0.120756	0.253769	-3.94059		0.218251	0.348046	-2.87318	0.657544	0.695172	-1.43849	0.109964	0.241748	-4.13654	0.133528	0.267436	-3.73921	1.72671	18.1628	9.34997	1
cg08145798	CDC42BPG	0.226732	0.664472	0.762646	-1.31122	0.017074	0.50563	1.50563	0.203599	2.18888	2.18888	0.937919	0.948298	1.05452	0.221095	0.470153	-2.12607		0.430984	0.62555	1.60255	0.536805	0.659242	-1.44333	0.430772	1.60091	1.60091	0.749494	1.21013	1.21013	1.72671	0.941393	0.484617	1
cg07103673	NLRP14	0.226735	0.110875	0.339322	-2.94705	0.0349095	0.216621	-4.61636	0.511874	0.661041	-1.51276	0.254859	0.47725	-2.09534	0.0556551	0.259415	3.85482		0.0677515	0.279937	-3.57223	0.43341	0.608113	-1.64443	0.352273	0.551232	-1.81412	0.869096	0.902461	-1.10808	1.7267	10.5876	5.4504	1
cg00754896	LOC283999	0.226736	0.0701019	4.66613	4.66613	0.209589	0.73442	2.73442	0.5289	1.6246	1.6246	0.15028	3.23161	3.23161	0.261765	2.59618	2.59618		0.264918	2.42013	2.42013	0.149982	3.23477	3.23477	0.0380747	0.22699	6.22699	0.00667414	4.77603	4.77603	1.72669	15.8236	8.14586	1
cg18443392	LRP1	0.226737	0.50045	1.66974	1.66974	0.0193091	1.39127	1.39127	0.150704	2.05856	2.05856	0.582057	1.29933	1.29933	0.274943	2.02355	-2.02355		0.405639	0.671102	-1.49009	0.790267	0.882434	-1.1331	0.747222	1.16478	1.16478	0.737073	1.17111	1.17111	1.72669	0.00949	3.09365	1
cg07815491	UNC84A;UNC84A	0.22674	0.532263	1.34002	1.34002	0.560085	1.3134	1.3134	0.226944	0.55604	-1.79843	0.275106	0.591354	-1.69103	0.103544	0.4388	-2.27894		0.540179	0.750575	-1.33231	0.020836	0.276122	-3.62158	0.632439	1.24976	1.24976	0.676284	0.823427	-1.21444	1.72667	5.85388	3.01357	1
cg06430694	ENTPD6;ENTPD6	0.226743	0.718082	1.25717	1.25717	0.335418	0.936417	0.787174	-1.2109	0.683744	0.872683	-1.14589	0.805133	0.954825	1.05195	0.799671	0.959662	-1.04203		0.307144	1.1867	1.1867	0.0453173	0.44758	-2.2349	0.0167667	0.799703	-1.25033	0.167667	0.799256	0.0001988	1.72667	0.716935	0.369077	1
cg27363327	TTBK1	0.226744	0.727375	0.807664	-1.23814	0.289975	0.51632	-1.93678	0.470185	1.55505	1.55505	0.0825225	0.314283	-3.18184	7	7	7		0.123895	0.366805	-2.72624	0.144905	0.250193	-3.99504	0.111404	0.67167	1.67167	0.584352	1.39444	1.39444	1.72649	5.84067	5.09993	1
cg08069138	SNORA29;TCP1;TCP1	0.226745	0.868838	1.14394	1.14394	0.436262	0.523997	-1.90841	0.267489	0.390653	-2.55983	0.103171	0.426531	0.426531	0.12906	0.263261	-3.79851		0.485796	0.561976	-1.77944	0.954754	1.04725	1.04725	0.0554214	5.85122	5.85122	0.806181	1.12143	1.12143	1.72666	18.1062	9.32111	1
cg24258191	ABCE1;ANAPC10;ABCE1	0.226749	0.178002	1.25717	1.25717	0.348372	0.752024	1.32974	0.263769	0.845167	0.550389	-1.81654	0.180054	0.724408	2.09443	1.09443	-1.09443		0.0928053	1.26359	1.26359	0.263808	1.8093	1.8093	0.0647704	0.347156	1.23156	0.124911	2.32929	2.32929	1.72672	0.708631	0.364791	1
cg05148331	CUX1;CUX1;CUX1	0.226752	0.86191	0.882621	-1.13299	0.016855	0.09643	0.09643	0.173963	2.82201	2.82201	0.666377	0.732635	-1.36494	0.952033	1.04409	1.04409		0.456824	1.72208	1.72208	0.774369	0.873706	-1.22894	0.176074	0.356956	-2.80147	0.901774	0.915246	-1.0926	1.72663	14.0686	7.24268	1
cg23736055	GSorf145	0.226753	0.215453	1.44845	1.44845	0.0230637	0.3636	0.3636	0.140493	0.972457	-1.02339	0.931997	0.722373	0.722373	0.372272	0.259334	-3.85736		0.0382415	1.42569	1.42569	0.0225195	0.0706153	-14.1606	0.0129898	1.66958	1.66958	0.0266	1.56097	1.56097	1.72663	0.536078	0.29187	1
cg26216760	IQSEC3;IQSEC3	0.226759	0.495167	1.60079	1.60079	0.0318197	1.52415	1.52415	0.0142269	7.80096	7.80096	0.571933	1.474	1.474	0.637553	1.38038	1.38038		0.634803	1.38408	1.38408	0.388191	1.82351	1.82351	0.937726	0.05451	1.05451	0.831647	1.15357	1.15357	1.7266	12.6182	6.49612	1
cg07719679	STEAP4	0.226764	0.116852	1.85652	1.85652	0.0613674	2.15002	2.15002	0.835142	1.07862	1.07862	0.756989	1.11932	1.11932	0.608942	1.20609	1.20609		0.602593	1.21019	1.21019	0.494685	1.33572	1.33572	0.0159818	0.291898	0.291898	0.193536	1.64812	1.64812	1.72658	3.60651	1.85673	1
cg08230483	GRID1	0.226764	0.279212	1.64202	1.64202	0.0194231	1.24587	1.24587	0.103345	2.40853	2.40853	0.908345	1.09549	1.09549	0.0953549	1.42773	-1.42773		0.430984	1.62055	1.62055	0.536805	0.659242	-1.44634	0.42757	1.60091	1.60091	0.749494	1.21013	1.21013	1.72657	0.941393	0.484617	1
cg11789595	EIF6;EIF6;EIF6	0.226766	0.801268	0.961566	-1.03997	0.643118	1.0752	1.0752	0.999331	1.00013	1.00013	0.824825	1.03505	1.03505	0.640693	0.929561	-1.07578		0.562687	0.91307	-1.09521	0.00555413	0.567729	-1.7614	0.812913	0.963829	-1.03753	0.5535	0.911066	-1.09761	1.72657	0.660285	0.339935	1
cg00377332	SACM1L	0.226768	0.703404	1.15009	1.15009	0.0963227	0.824418	1.21248	0.319948	1.14884	1.14884	0.512552	0.88946	1.12443	0.0191344	1.56372	-1.78023		0.983035	0.90261	-1.10777	0.145599	0.938124	1.06527	0.692007	0.529514	1.88954	-1.88816	0.29256	1.00426	1.03134	1
cg23137597	STAND7	0.226774	0.67985	0.894949	-1.11738	0.0321065	0.194605	1.94605	0.113778	1.5844	1.5844	0.922996	1.0262	1.0262	0.594553	1.15228	1.15228		0.961327	0.987115	-1.01305	0.0852171	0.60111	-1.66359	0.912863	0.977147	-1.02971	0.545889	1.1776	1.1776	1.72654	1.95621	1.00714	1
cg11870426	YY1	0.226776	0.967501	1.01258	1.01258	0.685063	1.1333	1.1333	0.0270288	2.23321	2.23321	0.233853	1.46671	1.46671	0.846607	1.06124	1.06124		0.473272	1.25088	1.25088	0.0233975	2.29609	2.29609	0.260709	1.43333	1.43333	0.909199	1.03563	1.03563	1.72653	2.57536	1.3259	1
cg06057946	RASSF2	0.226777	0.103904	1.15009	1.15009	0.0963227	0.824418	1.21248	0.319948	1.14884	1.14884	0.512552	0.88946	1.12443	0.0191344	1.56372	-1.78023		0.983035	0.90261	-1.10777	0.145599	0.938124	1.06527	0.692007	0.529514	1.88954	-1.88816	0.29256	1.00426	1.03134	1
cg07331047	CELSR2	0.226779	0.196988	0.641015	-1.56003	0.634965	0.855622	-1.16874	0.705931	0.883741	-1.13155	0.889974	0.995912	-1.0041	0.101638	0.557554	-1.79355		0.0578354	2.01219	2.01219	0.107838	1.77192	1.77192	0.951961	0.980549	-1.01984	0.894337	0.9576	-1.04428	1.72651	2.90658	1.49644	1
cg11445539	DDO;DDO	0.226782	0.234547	1.60773	-1.61933	0.0187873	1.42047	1.42047	0.842787	0.857759	1.16583	0.694275	1.07007	1.07007	0.717486	0.960627	-1.04125		0.0306323	1.42569	1.42569	0.0225195	0.0706153	-14.1606	0.0129898	1.66958	1.66958	0.0266	1.56097	1.56097	1.72651	0.536078	0.29187	1
cg13707951	FRMD4A	0.22679	0.131892	0.419272	-2.38509	0.0895502	0.71962	2.71962	0.926514	0.951888	-1.05054	0.597258	1.32975	1.32975	0.127774	0.414739	-2.41115		0.85738	1.10092	1.10092	0.186576	2.11357	2.11357	0.27522	0.545121	-1.83446	0.378857	0.6172	-1.62022	1.72647	7.81179	4.02197	1
cg25764131	ZNF254	0.226795	0.921951	1.19115	1.19115	0.147202	0.668261	1.49642	0.0241486	1.4084	1.4084	0.158961	0.676967	-1.47702	0.414795	0.674927	-1.48126		0.394316	1.25369	1.25369	0.2695	1.65111	1.65111	0.765758	0.925496	-1.0805	0.252571	0.719672	-1.36301	1.72645	1.83617	0.945181	1
cg12970715	YDJC	0.226797	0.307173	0.83012	-1.20436	0.495124	1.12957	1.12957	0.294908	1.208	1.208	0.018799	0.506104	0.506104	0.494613	0.977349	-1.02318		0.912485	0.980848	-1.01953	0.939019	1.11561	1.11561	0.464209	1.24147	1.24147	0.555785	1.1035	1.1035	1.72644	0.864982	0.435569	1
cg07290310	SLC41A3;SLC41A3;SLC41A3;SLC41A3;SL C41A3	0.226797	0.441871	1.67177	1.67177	0.197803	2.44009	2.44009	0.808798	0.853112	-1.17218	0.63814	0.733134	-1.36401	0.0235908	0.170075	-5.87975		0.228885	0.437145	-2.28757	0.51953	0.651903	-1.53397	0.293677	2.04174	2.04174	0.623346	0.722976	-1.38317	1.72644	11.742	6.04562	1
cg25006077	MRNIL1;MRNIL1	0.226799	0.176977	2.56394	2.56394	0.598	1.50268	1.50268	0.732979	1.26192	1.26192	0.0873684	3.45117	3.45117	0.633239	0.729556	-1.3707		0.206533	2.39672	2.39672	0.0194643	6.37983	6.37983	0.220615	2.32772	2.32772	0.250562	2.19835	2.19835	1.72643	11.7698	6.05995	1
cg00850016	ANAPC2	0.2268	0.684475	0.886919	-1.1275	0.481154	1.23408	1.23408	0.528624	1.20624	1.20624	0.0593489	0.535142	-1.86866	0.247047	0.700811	-1.42692		0.0502688	0.519172	-1.92614	0.219978	1.46057	1.46057	0.702706	0.893475	-1.11923	0.61803	0.862725	-1.15912	1.72643	2.359	1.21458	1
cg09874776	WFDC10B;WFDC13;WFDC10B	0.226802	0.198168	0.317158	-2.96597	0.14085	3.54751	3.54751	0.778754	1.25252	1.25252	0.240853	0.374724	-2.66863	0.082304	0.486974	-2.0535		0.819161	0.832712	-1.20089	0.166234	0.307236	-3.25482	0.0591021	0.182036	-5.49341	0.155095	0.296313	-3.37481	1.72642	17.4737	8.99679	1
cg03245641	GPHA2	0.226804	0.339002	1.78708	1.78708	0.0337	1.34498	1.34498	0.156355	1.34498	1.34498	0.270516	1.85122	1.85122	0.884222	1.02907	-1.02237		0.280662	1.16955	1.16955	0.0790372	1.28497	1.28497	0.0288856	1.08856	1.08856	0.0790372	1.28497	1.28497	1.72641	1.84445	1.02461	1
cg27366162	ARSG	0.226805	0.908048	0.934424	-1.07018	0.090303	2.99126	2.99126	0.0466069	3.80997	3.80997	0.985576	1.01067	1.01067	0.0761003	0.313924	-3.18549		0.567727	1.40358	1.40358	0.771214	1.18668	1.18668	0.591739	1.37411	1.37411	0.57894	0.719604	-1.38965	1.7264	9.42173	4.85105	1
cg04716152	PPARGC1A	0.226807	0.822721	-1.21698	0.0630037	1.19233	1.56323	1.56323	0.205053	1.33277	1.33277	0.614427	0.89774	-1.11395	0.160332	0.724529	-1.38021		0.459358	1.1611	1.1611	0.112172	0.690103	-1.44906	0.347457	1.07276	1.07276	0.795669	1.05707	1.05707	1.72639	1.26191	0.649736	1
cg16087826	SLC22A4	0.226816	0.0563396	2.02473	-4.51523	0.618209	2.41979	1.41979	0.759376	1.23902	1.23902	0.367061	0.523933	-1.90864	0.183371	0.379534	-2.67713		0.237021	0.421377	-2.37317	0.0756643	0.253036	-3.952	0.0225324	0.42089	2.42089	0.50558	1.62423	1.62423	-1.60197	1.26235	1.13055	0.85095
cg12961080	BCL11B;BCL11B	0.226819	0.0406006	0.486331	-2.05621	0.127007	0.604595	-1.654	0.385702	1.31144	1.31144	0.505093	0.813675	-1.22899	0.951262	1.01881	1.01881		0.294748	1.39279	1.39279	0.948131	1.02003	1.02003	0.189935	0.654903	-1.52694	0.342309	1.34757	1.34757	1.72635	2.54152	1.30862	1
cg21603275	MYST3;MYST3;MYST3	0.226823	0.545026	1.708234	1.708234	0.0454229	1.31311	1.31311	0.0859617	1.16578	1.16578	0.126057	0.856103	1.10764	1.10764	0.0955403	1.04674		0.687584	0.796391	1.25566	0.464057	0.657246	-1.5215	0.157636	1.34185	1.34185	0.78028	0.854283	-1.17057	1.72633	6.76719	4.46517	1
cg10996070	KIF18B	0.226828	0.178585	0.756376	-1.32209	0.568777	1.11974	1.11974	0.709629	1.07581	1.07581	0.0141657	0.553569	-1.80646	0.705179	1.07709	1.07709		0.557727	0.890504	-1.12296	0.126164	0.723762	-1.38167	0.850549	0.963818	-1.03754	0.689756	0.924598	-1.08155	1.72633	1.04368	0.53739	1
cg05102219	PWWP2B;PWWP2B	0.226825	0.0422702	0.311377	-3.20954	0.0364138	0.782213	1.78448	0.0124355	1.4423	1.4423	0.0453171	0.724769	-1.38035	0.0799505	0.604398	-1.6544		0.65573	1.08485	1.08485	1.06732	0.775151	1.08246	0.983951	1.0254	1.0254	0.777564	0.959427	1.04224	1.72633	0.501094	0.27109	1
cg17106222	KL	0.226825	0.113835	0.408678	-2.44691	0.631344	1.28592	1.28592	0.0737589	2.82021	2.82021	0.509077	0.705811	-1.41681	0.326128	0.590162	-1.69445		0.189533	0.485358	-2.06033	0.998229	1.00116	1.00116	0.157577	2.19475	2.19475	0.598337	1.31853	1.31853	1.72632	7.39765	3.80908	1
cg00027400	DCC	0.22683	0.607264	1.06158	1.06158	0.475168	0.895163	-1.11712	0.149652	1.26634	1.26634	0.0379525	1.4446	1.4446	0.184704	1.14596	1.14596		0.973338	1.00512	1.00512	0.214856	0.819068	-1.2209	0.256576	0.834422	-1.19843	0.362725	1.15373	1.15373	1.7263	0.638875	0.328963	1
cg00723979	LOC100126784;NAV2;NAV2;NAV2	0.226831	0.223666	1.49104	1.49104	0.0265681	1.00318	1.00318	0.0105265	2.18205	2.18205	0.747253	0.52515	-1.90463	0.0218975	0.505737	-1.97781	0.0203293	0.0909465	-10.315	0.0070124	0.164749	-6.06984	0.7283	21.7235	11.1857	1
cg07726241	FAM174B	0.226838	0.311642	0.808531	-1.23681	0.666797	0.915806	-1.09193	0.0428811	1.60511	1.60511	0.903933	0.977134	-1.0234	0.941261	1.01508	1.01508		0.126234	1.39922	1.39922	0.516792	0.875057	-1.14278	0.270663	0.792254	-1.26222	0.187741	0.753176	-1.32771	1.72627	1.1272	0.580415	1
cg27205687	GUCY1A2;GUCY1A2	0.226844	0.529882	1.91658	1.91658	0.124717	2.17656	2.17656	0.0935994	1.51124	1.51124	0.291556	1.17327	1.17327	0.373132	1.14276	-1.14276		0.510998	1.1034	1.1034	0.523596	0.690703	-1.44806	0.347457	1.07276	1.07276	0.795669	1.05707	1.05707	1.72619	1.26191	0.649736	1
cg16261691	BCL6	0.226844	0.991262	1.9975	1.9975	-1.00241	0.220219	0.753475	-1.32718	0.529158	1.15027	1.15027	0.329626	1.24724	1.24724	0.288119	1.27402	1.27402	1.27402	0.234822	1.3145	1.3145	0.280722	0.75	-1.27918	0.971111	1.00798	1.00798	1.0345974	1.582124	1.71785	1.76224	2.31843	0.678898	1
cg10984252	CASP7;CASP7;CASP7;CASP7 FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGF	0.226845	0.216742	0.681941	-1.4664	0.477857	0.808532	-1.23681	0.173894	0.653066	-1.53124	0.09948	1.702	1.702	0.12581	1.62886	1.62886		0.173973	1.53111	1.53111	0.819778	0.934997	-1.06952	0.476

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg15819646	TNFRSF1B	0.227055	0.381866	0.612697	-1.63213	0.463427	1.50329	0.532039	0.482003	1.47749	1.47749	0.7992752	1.144894	1.145894	0.153065	0.431095	2.31967	0.448569	1.52477	1.52477	0.408493	1.5869	1.5869	0.02277273	0.2225502	-4.43456	0.671066	1.26281	1.72537	8.15309	4.20038	1
cg17988326	RIMS3	0.227056	0.6659969	0.418304	-2.3906	0.293829	0.630416	-1.58626	0.0990123	0.464714	-2.15186	0.233976	0.589385	-1.66968	0.088785	0.451391	2.21538	0.640944	0.810534	-1.22021	0.0297463	0.338272	-2.9562	0.233414	0.588974	-1.69787	0.401696	0.695117	-1.43861	1.72536	4.90594	2.52749	1
cg20951555	PRTG	0.227062	0.73715	0.96541	-1.03583	0.0514538	1.26076	1.26076	0.3112277	1.11569	1.11569	0.945427	0.992872	-1.00718	0.482311	0.92809	-1.07748	0.897941	0.986679	-1.01315	0.0549982	0.7966608	-1.25532	0.373558	0.908956	-1.10016	0.299176	0.893642	-1.11902	1.72533	0.298429	0.153751	1
cg16926108	KIAA0907	0.22707	?	?	?	0.674733	0.829916	-1.20554	0.4183162	0.659338	-1.44232	0.4785118	1.3757	1.3757	0.1315577	0.486403	-2.05579	0.177226	1.88674	1.88674	0.0435002	2.79474	2.79474	0.4694487	1.3851	1.3851	0.958279	0.977107	-1.02343	1.7321	4.77881	2.75903	1
cg17141180	FAM103A1	0.227073	?	?	?	0.130405	0.22041	-4.53699	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	2.23922	9.85319	4.40029	1
cg25246723	LOC285456;RPL36;RPL34	0.227079	0.871582	0.915331	-1.0925	0.9374418	0.957966	-1.04388	0.653286	0.780897	-1.28058	0.1307772	0.4096699	-2.44082	?	?	?	?	0.2693369	1.98136	1.98136	0.1557722	2.29478	2.29478	0.07614493	2.94216	2.94216	1.74008	0.641031	4.21018	1
cg00598021	WDR1;WDR1	0.227085	0.391383	0.49615	-2.01552	0.0452566	0.159899	-6.25394	0.0764068	0.207371	-8.82227	0.5458888	1.62874	1.62874	0.239661	0.374307	-2.6716	0.455923	0.545502	-1.83317	0.0990279	0.2372206	-4.21574	0.462203	1.81726	1.81726	0.9075	1.09721	1.09721	1.25224	17.4046	8.96733	1
cg16024530	FU1;FU1	0.227086	0.0839438	0.453844	-2.2034	0.213704	0.6242341	-1.7175	0.6457126	0.388175	-2.52615	0.310533	0.479272	-2.0865	0.350166	0.672158	-1.48774	0.554697	1.28006	1.28006	0.0400107	1.03153	1.03153	0.9588006	1.34523	1.24523	0.225899	0.591315	1.69315	1.72523	4.66284	2.40243	1
cg01506261	FGD4	0.227088	0.648331	1.15547	-1.37294	1.32907	1.323007	0.503107	1.99746	1.99746	2.213162	1.49603	1.49603	1.334773	0.602045	1.661	1.313875	1.3879	1.3879	0.0615784	1.93996	1.93996	0.1043091	1.15975	1.15975	0.855565	1.05902	1.05902	0.72614	1.39429	1	
cg22941315	TNR	0.227089	0.661123	0.748487	-1.33603	0.157576	0.370657	-2.69792	0.2111112	0.420931	-2.37569	0.4110892	1.73674	1.73674	0.0192638	0.155781	-6.41927	0.731327	1.25403	1.25403	0.948666	0.958596	-1.04319	0.723896	1.2623	1.2623	0.186571	0.398698	-2.50817	1.72522	11.7852	6.07211	1
cg04112787	SUTPTE22	0.227089	0.889514	1.03166	-1.03493	0.0166153	0.727454	-1.37466	0.4966103	0.846759	-1.18097	0.298834	0.985948	1.14254	0.575501	0.88084	-1.13528	0.303667	1.26988	1.26988	0.0750491	1.51832	1.51832	0.1636981	1.22943	1.22943	1.72522	1.13428	0.803871	1.70807	1.72521	2.74085	1.70807	1
cg04836612	FURTA	0.227097	0.504286	0.819768	-1.21986	0.2203468	0.440362	-2.27086	0.179717	0.658423	-1.51878	0.275758	0.717114	-1.39448	0.850774	0.946262	-1.05679	0.955993	0.983946	-1.01632	0.140581	1.59187	1.59187	0.730483	0.9035555	-1.10674	0.376236	0.766196	-1.30515	1.25919	2.35017	1.2109	1
cg01475134	ACO2;PHF5A	0.227099	0.3954455	0.49615	-2.04009	0.245434	1.34157	0.745337	0.1033101	1.122842	-1.32043	0.904014	1.02357	1.02357	0.239839	0.871536	-1.1474	0.5509827	0.715959	-1.32704	0.811422	0.97565	-1.02706	0.947922	0.907265	-1.07856	0.658222	0.95148	-1.05099	1.72519	0.341023	0.157571	1
cg02724810	MCF2L2	0.227099	0.34845	0.441856	-2.26318	0.413247	0.492739	-2.02947	0.0972125	0.332802	-7.53	0.153087	0.274007	-3.64954	0.0965804	0.213624	-4.68141	0.158758	0.279553	-3.57714	?	0.832549	1.1962	1.1962	0.541865	1.68626	1.68626	1.73197	17.4569	10.0792	1
cg13534954	HDAC4	0.2271	0.991894	1.00357	1.003357	0.288781	1.4708	1.464101	1.29831	1.29831	2.030971	0.643884	-1.55308	0.1115324	0.548914	-1.82178	0.0308633	0.411406	-2.43069	0.720034	1.13439	0.13439	0.871304	1.07594	1.07594	0.287039	0.678879	-1.47302	1.72518	3.35383	1.72805	1
cg17385437	FGD1	0.227102	0.220164	0.615411	-1.60249	0.990656	0.998656	-1.00135	0.852905	1.070918	1.070918	1.212777	1.84652	1.846512	1.511561	1.13568	1.13568	0.649893	1.84625	1.84625	-1.18186	0.5590614	0.4586737	-2.18018	1.142484	0.5618093	-1.7797	0.331214	1.44279	1.44279	1.72517	3.65293	1.882316	1
cg11217865	NRG2;NRG2;NRG2;NRG2	0.227103	0.104083	0.194291	-5.14693	0.3994666	0.451463	-2.21502	0.18853	0.276786	-3.6129	0.308401	0.378328	-2.64321	0.0233746	0.0822738	-12.1545	?	0.78606	?	0.78606	-2.18106	0.318173	0.3862597	-2.58894	0.0492171	0.126224	-7.92243	0.267904	0.345069	-2.89797	1.72516	23.2251	11.9667	1
cg22934125	C1orf151	0.227104	0.118126	0.648319	-2.26337	0.321621	0.6103818	-1.63715	0.126829	0.455158	-2.21445	0.104958	0.426345	-2.34622	0.107033	0.4286535	-2.33266	0.290131	0.589457	1.69648	0.0395965	0.2993136	-3.44139	0.121261	0.445585	-2.24526	0.393126	0.655006	-1.5267	1.72516	6.53262	3.26289	1
cg02736546	FAM109B	0.227112	0.3526503	0.91934	1.13636	0.3803123	0.904645	1.404645	0.244577	0.593444	1.521911	1.521911	1.19126	1.191262	0.3716418	0.8407689	-1.19044	0.7019303	1.97298	1.97298	0.1073569	1.507299	1.507299	0.2529999	1.07701	1.07701	1.72513	0.855073	0.857204	0.857204	1.72512	85.3077	43.9557	1
cg13133930	NTM;NTM;NTM;NTM	0.227119	0.838009	1.02503	1.02503	0.0369639	0.09072	0.09072	0.623738	1.56903	1.56903	0.769111	0.764777	-1.30757	0.521064	1.80868	1.80868	0.9811	1.02182	1.02182	0.0305353	0.0986977	-10.132	0.811053	1.24383	1.24383	0.920748	0.913323	-1.0949	1.7251	22.678	11.6853	1
cg20148787	TCF7	0.22712	0.9625	0.96825	-1.03431	0.0166153	0.15651	6.1565	0.177563	2.84178	2.84178	1.824401	2.76058	2.760582	0.4932661	1.68001	2.24801	0.583345	1.49128	1.49128	0.0945133	1.73861	1.73861	0.1923185	2.00803	2.00803	0.139624	1.12873	1.12873	1.72507	24.0673	7.24855	1
cg20604957	UHRF1;UHRF1	0.227128	0.102968	0.674565	1.67455	0.064334	0.517058	-1.93402	0.670441	0.883637	-1.13169	0.218332	0.687838	-1.45383	0.521572	1.20653	1.20653	0.268591	1.39516	1.39516	0.4237	1.26635	1.26635	0.536341	0.834466	-1.19837	0.770994	0.921246	-1.08549	1.72506	2.28191	1.17582	1
cg21446693	ZNF418	0.227135	0.7703885	1.05115	1.05115	0.7014057	1.04564	1.045644	0.709708	1.33155	1.33155	1.331155	1.14564	1.145644	0.8615243	1.09843	1.09843	0.6363896	1.07359	1.07359	0.1329041	1.122	1.122	0.9155575	0.960211	-1.03177	0.802466	0.928746	-1.07722	1.72503	2.29313	1.32499	1
cg18080670	ACTB	0.227139	0.815443	1.03777	1.03777	0.505242	0.898343	-1.11316	0.917637	1.01654	1.01654	0.104204	0.754519	-1.32535	0.0120834	0.6088337	-1.64248	0.486914	1.11852	1.11852	0.985675	0.997157	-1.00285	0.686439	1.06647	1.06647	0.866928	0.973758	-1.02695	1.72501	0.686966	0.353989	1
cg26307451	FADS6	0.227142	0.644823	1.3391	1.3391	0.635216	1.35071	1.350071	0.280722	0.493867	-2.02484	0.258091	0.475991	-2.10088	0.273025	0.480459	-2.08142	0.141239	0.369611	-2.70555	0.0229041	0.180459	-5.54164	0.31816	0.36632	-2.72985	0.850836	1.12572	1.12572	1.1725	10.8114	5.5711	1
cg23982607	GNB1	0.227142	0.204161	0.647013	-1.54529	0.0407956	0.199856	-5.00415	0.0529603	0.167452	-5.97183	0.1115469	0.359312	-2.78207	0.0620106	0.2695932	-3.70981	0.1517727	0.31007	-3.22573	0.0706797	0.1564591	-6.39255	0.2494151	0.1508074	-6.62966	0.0798383	0.1498262	-6.67436	1.72498	1.149086	0.759067	1.149086	1
cg18314882	SHARPN;MAF1;MAF1	0.227152	0.6103158	0.870883	-1.14826	0.2308185	1.55201	1.55201	0.3311668	1.30918	1.30918	2.262683	2.762683	2.762683	0.710525	-1.40741	0.856411	0.952448	0.04993	0.1165581	0.623137	-1.58194	0.0591165	0.5637121	-1.77395	0.51564	1.194	1.194	0.9814665	1.00627	1.00627	1.72496	3.97662	1.01857	1
cg17463959	CHOCC11	0.227155	0.6708353	0.882337	-1.08107	0.3538644	1.37458	1.374582	0.2437	0.661687	1.85868	1.858681	1.17536	1.175362	0.3944514	0.7013374	1.42585	0.7379595	1.25155	1.25155	0.0263132	1.373975	1.373975	0.2636275	0.3108464	0.5344188	-1.872	0.3034485	0.5425196	0.6455006	-1.5367	1.72516	6.53262	3.26289	1
cg07736546	GOLSYN;GOLSYN	0.227157	0.980644	0.910081	1.01082	0.750154	1.25983	1.259983	0.344642	1.6031	1.6031	0.2398703	1.61089	1.610089	0.1405855	1.40463	2.47139	0.4580577	1.39838	1.39838	0.0737	1.834552	1.834552	0.2687008	1.599786	1.667226	1.74294	1.37949	2.77214	1		
cg07921008	ATP6V1C2;PDIA6;ATP6V1C2	0.227162	0.66955	1.29285	1.29285	0.741361	1.21916	1.219916	0.950977	0.9638844	-1.03747	0.753907	0.8284488	-1.20702	0.797306	0.857286	-1.16647	0.8831601	1.07996	1.07996	0.0380006	0.421732	4.21732	0.0740656	3.29033	3.29033	0.108043	2.85496	2.85496	1.74292	9.77881	5.03924	1
cg20709201	VWA3B	0.227163	0.712853	1.36459	1.36459	0.2158	1.37358	-1.07502	0.0504788	0.823157	-4.68348	0.6809529	1.706312	1.706312	0.2744757	-2.60715	2.56	0.5066559	1.76223	1.76223	0.2613156	1.78825	1.78825	0.0605083	1.68811	1.68811	0.712905	1.3645	1.3645	1.74292	19.3195	9.95578	1
cg09366620	GRK4;GRK4;GRK4	0.227165	0.587904	0.676122	-1.47902	0.252348	3.25221	3.25221	0.908939	0.921	-1.08529	0.227525	0.402486	-2.48456	0.468355	0.589894	1.69522	0.76947	2.81038	2.81038	2.123999	0.533362	0.6368	-1.57035	0.0157703	8.29956	8.29956	0.927993	1.0668	1.0668	1.7249	13.9802	7.20434	1
cg18054654	SMN2;SMN1;SMN2;SMN2;SMN2;SMN1	0.227167	0.812516	1.04454	1.04454	0.405342	0.855451	-1.16897	0.920636	1.01844	1.01844	0.266862	1.23632	1.23632	0.437312	1.15639	1.15639	0.297728	1.21891	1.21891	0.014593	1.736	1.736	0.27618	0.812433	-1.23087	0.859599	1.033	1.033	1.7249	0.918708	0.473437	1
cg26689203	MYO22	0.227168	0.0866245	0.355989	-2.80908	0.886778	0.921964	-1.08464	0.283366	0.529588	-1.88826	0.0327351	0.240554	-4.15708	0.057048	0.294343	-3.3974	0.659554	0.799137	-1.25104	0.554841	0.713564	-1.40142	0.207432	0.468539	-2.13429	0.100483	0.358388	-2.79027	1.72489	8.88505	4.57873	1
cg17298275	ABR;ABR;ABR	0.227168	0.351022	0.690853	-1.44801	0.1724226	0.3616	-2.7636	-2.1136	0.677716	1.18683	0.422491	0.7534	1.3335	0.0120834	0.6515215	1.53496	0.2144564	0.6198363	1.61328	0.0198363	0.4162389	2.40206	0.1131	0.3016	3.31511	0.0774	0.2892622	1.88352	1.72489	0.94677	0.512987	1	
cg19476082	EIF3B;EIF3B	0.22717	0.158175	0.520274	-1.92206	0.0347952	0.344546	-2.90237	0.148267	0.510886	-1.95738	0.143716	0.506441	-1.97457	0.0388324	0.354888	-2.81779	0.226911	0.577283	-1.73225	0.386934	0.681076	-1.46827	0.781054	0.886326	-1.12825	0.335133	0.650221	-1.53797	1.72488	5.12377	2.64045	1
cg18607040	CDK19;CDK19	0.227171	0.371375	0.604865	-1.65321	0.1615153	0.5366	-1.8641	0.5366	0.536556	-1.86456	0.1315656	0.53666	0.537156	0.1884538	0.1315656	-7.60144	0.3899564	0.575518	1.7375	0.0255238	0.5753437	-1.74383	0.451284	1.20494	1.20494	0.64228	0.802593	-1.12033	1.72478	1.61161	0.830566	1
cg20514322	NCKAP5;NCKAP5	0.227171	0.114918	0.404716	-2.47087	0.51651	0.706745	-1.41494	0.130299	0.422124	-2.36847	0.57541	0.741854	-1.34797	0.883185	0.08067	-1.08067	0.14308	0.29438	0.29438	0.134199	0.434714	-2.30036	0.0663735	0.337402	-2.96382	0.631531	0.774944	-1.29042	1.72488	7.60644	3.91985	1
cg04183274	TERF2	0.227172	0.152959	1.19206	1.19206	0.0402997	1.31249	1.31249	0.336119	1.12058	1.12058	0.436126	1.09548	1.09548	0.388681	0.903565	-1.10673	0.165643	1.18497	1.18497	0.23195	0.865972	-1.15477	0.640401	1.05549	1.05549	0.288119	1.13495	1.13495	1.72488	0.35994	0.185489	1
cg15517690	FLNA;FLNA	0.227172	0.063113	0.4196	-2.38255	0.0769	0.164858	-3.5358	-2.1716	0.357999	2.80158	0.1316	0.2357	4.242711	0.2328899	0.1666	-6.00031	0.1317671	0.3666	0.53716	0.1884538	1.145868	1.145868	0.1316	0.1884538	0.1316	-7.60144	0.3899564	0.575518	1.7375	1.72488	1.61161	0.830566	1
cg26717215	PVRL2;PVRL2	0.227173	0.801454	1.05264	1.05264	0.674273	0.91753	-1.08888	0.260005	1.12028	1.27028	0.6265	1.92052	1.92052	0.1505127	0.731748	-1.36659	0.744361	0.935548	-1.06889	0.455292	0.859534	-1.1675	0.023331	1.66574	1.66574	0.147025	1.37282	1.37282	1.72487	1.11257	0.583652	1
cg26393290	FGFRL1;FGFRL1;FGFRL1	0.227177	0.3437078	0.61479	-1.62645	0.1134513	0.533	1.533	0.1133513	0.533949	1.5418	0.1441263	0.585458	1.70813	0.1135032	0.560316	1.78508	0.2394427	0.5182453	1.93015	0.0249861	0.3911	2.5565	0.0391	0.3911	2.5565	0.0391	0.2829487	1.13287	1.72486	0.5992	0.370124	1	
cg02006936	SSBP3;SSBP3;SSBP3	0.227178	0.575913	1.62334	1.62334	0.2239503	1.31	1.31	0.1133668	0.575913	1.62334	0.2239503	0.575913	1.62334	0.2239503	0.575913	1.62334	0.2239503	0.575913	1.62334	0.2239503	0.575913	1.62334	0.2239503	0.575913	1.62334	0.2239503	0.415392	2.04214	2.04214	0.4367777	1.31	1.31	0.1133668	0.415392	2.04214	2.04214	0.4367777	1.97409	1.97409	0.9935665	1.00694	1.00694	0.730275	1.34541	1.34541	1.72485	20.0776	10.3469	1
cg22229969	DZIP1;DZIP1	0.227179	0.4104946	0.52935	-1.92035	0.0285191	0.665371	-1.50292	0.0746233	0.645419	-1.54939	0.534859	0.867873	-1.15234	0.1337898	0.708403	-1.41085	0.382002	0.76109	-1.3144	0.0263132	0.373975	2.67375	0.1180114	0.5194644	0.888135	0.152612	-1.46766	0.3944552	0.4466006	0.7275	1.72485	0.72116	0.414947	0.131417	1.72485	3.79453	1.89537	1
cg25062538	C1orf60;C1orf60	0.227183	0.858139	0.937581	1.06065	0.0108113	0.31562	-1.16837	0.206797	0.518974	-1.61558	0.935119	1.02976	1.02976	0.878902	1.05251	1.05251	0.263817	1.15488	1.15488	0.0176076	1.16075	1.16075	0.883332	0.947611	1.05528	1.17483	1.35487	1.72484	0.83832

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error)
cg10101634	CMTM7;CMTM7;CMTM7	0.227442	0.568434	1.20798	0.120798	1.149811	0.65878	1.05678	0.214171	1.53519	0.155977	0.611026	-1.63659	0.81855	0.92745	1.07823	0.444926	1.29077	1.29077	0.35902	1.36223	1.36223	0.395763	0.751977	-1.32683	0.0690653	0.513285	1.94824	1.72376	2.93282	1.51237	1
cg02386590	DAAM2	0.227446	0.51011	0.692262	-1.44454	0.0171625	0.202143	-4.94699	0.0541619	0.300284	-3.33018	0.966148	1.02364	1.02364	0.303407	0.556106	1.79822	0.402832	0.624199	-1.60205	0.697023	1.24034	1.24034	0.415153	0.632229	-1.58171	0.758192	1.18529	1.18529	1.73274	8.27273	4.26604	1
cg07054253	MATK	0.227455	0.510135	1.37916	1.37916	0.131515	2.18893	2.18893	0.139739	2.14821	2.14821	0.798377	1.13108	1.13108	0.309391	0.602793	-1.65894	0.108706	2.32066	2.32066	0.551306	0.748227	-1.33649	0.136486	2.16395	2.16395	0.0836779	2.5122	2.5122	1.7287	6.32086	3.25959	1
cg16489547	ZNF785	0.227459	0.0874666	0.740634	-1.35008	0.540463	1.10363	1.10363	0.0922106	1.34301	1.34301	0.639568	1.02769	1.02769	-1.07794	0.847924	0.969914	-1.03102	0.0925804	0.744896	-1.3427	0.632357	0.926173	-1.07971	0.949156	1.0102	1.0102	0.195987	1.24306	1.24306	1.72368	0.691169	0.635643	1
cg22055790	CLASP1;CLASP1;CLASP1;RNU4ATAC	0.227459	0.563441	0.779585	-1.28273	0.234861	1.70027	1.70027	0.119826	2.05324	2.05324	0.782981	0.888963	-1.12491	0.0685015	0.419223	-2.38537	0.971468	0.984869	-1.01536	0.152173	1.923	1.923	0.811249	0.9030441	-1.10737	0.211831	0.570826	-1.75185	1.72968	4.96088	2.55829	1
cg13095377	AS81	0.227463	0.209303	0.376671	-2.65484	0.445822	1.77429	-2.45206	0.0438283	1.74807	1.74807	0.739885	1.27869	1.27869	0.0283154	1.548054	-2.75411	0.301832	0.454184	-2.20175	0.212171	0.379228	-2.63694	0.775634	1.23471	1.23471	0.127024	0.295916	-3.37934	1.23266	14.8612	7.66386	1
cg10820715	SMYD2	0.227466	0.411227	1.19686	1.19686	0.051212	0.622004	-1.60771	0.452915	0.849147	-1.17765	0.860356	1.03838	1.03838	0.11613	0.694069	-1.44078	0.116636	0.69448	-1.43993	0.307534	1.25344	1.25344	0.625891	1.11079	1.11079	0.337654	0.809457	-1.2354	1.23655	1.24853	0.643867	1
cg21996783	PGAP3	0.227477	0.429797	0.813536	-1.2292	0.29961	0.915049	-1.09284	0.4324967	1.29997	1.29997	0.267051	0.758684	-1.35376	0.00893745	0.426741	-2.34334	0.738568	0.917815	-1.0895	0.845984	0.952468	-1.04988	0.357575	0.727412	-1.37274	0.457671	0.823941	-1.21368	1.7236	1.78977	0.929214	1
cg04102519	WNT3	0.227481	0.177302	0.777023	-2.28696	0.289708	1.21331	1.21331	0.402365	1.31587	-1.16357	0.345832	1.18628	1.18628	0.521254	0.89195	-1.12119	0.982025	1.00397	1.00397	0.109068	1.64749	1.64749	0.434283	0.963811	-1.03755	0.676075	0.928938	-1.0765	1.72359	0.845064	0.435815	1
cg15969647	ATP5S;ATP5S;LOC100132735	0.227487	0.339497	0.497889	-2.00848	0.0723967	4.13802	4.13802	0.0897799	3.76153	3.76153	0.562523	1.514	1.514	0.319911	0.482834	-2.07111	0.471142	0.594949	-1.68082	0.432801	0.567195	-1.76306	0.779438	0.819647	-1.22004	0.182014	0.366611	-2.72768	1.72357	13.698	7.06442	1
cg14422245	ZCCHC11;ZCCHC11;ZCCHC11	0.227488	0.0550094	0.738203	-1.35464	0.104373	1.15397	1.15397	0.0918008	1.82922	1.82922	0.688176	0.8013576	1.07494	0.0194466	0.260172	-3.84331	0.0910732	0.684796	-1.46007	0.0194466	1.37401	1.37401	0.776401	0.9610055	1.04052	1.04052	0.0182096	0.7418863	-1.34796	1.72356	0.535127	0.273999	1
cg14405197	ZFYVE28	0.227489	0.197998	0.448161	-2.23134	0.69429	1.2491	1.2491	0.486516	1.48888	1.48888	0.865916	1.09983	1.09983	0.0666554	0.314146	-3.18323	0.310354	0.553733	-1.80592	0.232115	0.493794	-2.02513	0.0490914	0.282259	-3.54284	0.161232	0.430633	-2.32216	1.72356	8.65483	4.46355	1
cg25974455	SBDS;TYW1	0.227489	0.290066	0.681546	-1.46773	0.0929803	1.45139	1.45139	0.159893	1.53402	1.53402	0.664048	0.915685	-1.09208	0.179327	1.060312	-1.06602	0.664054	0.915687	-1.09207	0.179327	1.060312	-1.06602	0.664054	0.915687	-1.09207	0.0545258	1.55216	1.55216	1.72356	1.10987	0.57193	1
cg20804354	SH3BP5L	0.227492	0.654974	0.885175	-1.12972	0.24511	1.39054	1.39054	0.720987	0.907331	-1.10213	0.241726	0.717279	-1.39416	0.221597	0.705821	-1.41679	0.723776	1.10101	1.10101	0.0894224	1.66569	1.66569	0.130881	1.55635	1.55635	0.19613	0.69027	-1.44871	1.72355	2.00733	1.03525	1
cg25354248	ADAMTS10	0.227499	0.284956	0.699388	-1.56253	0.243391	0.621316	-1.63114	0.454715	0.735355	-1.35989	0.815062	0.910143	-1.09873	0.258009	0.622323	-1.60688	0.771196	1.24132	1.13492	0.0714353	0.405305	-2.24565	0.193977	0.295295	-3.38644	0.767812	0.887833	-1.12634	1.72552	4.40781	2.27329	1
cg13552868	ZRSR2	0.227499	0.282534	0.719975	-1.38246	0.157996	1.61196	1.61196	0.0888003	1.51919	1.51919	0.636486	1.13191	1.13189	0.416576	1.20318	1.20318	0.618432	0.910248	1.10048	1.10048	0.174324	0.698132	1.43139	0.654741	1.10548	1.10548	0.513293	1.15916	1.15916	1.72352	1.35484	0.698747	1
cg26442890	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.227499	0.883062	0.965217	-1.03604	0.63089	0.890079	-1.1235	0.105297	0.653324	-1.53063	0.670366	1.10848	1.10848	0.0743214	0.619832	-1.61334	0.200794	1.38405	1.38405	0.128925	1.48391	1.48391	0.349067	1.26096	1.26096	0.699834	1.09767	1.09767	1.72352	1.57932	0.814519	1
cg07091412	CAMK2N1	0.227503	0.411489	1.59862	1.59862	0.421541	1.58201	1.58201	0.459583	0.656616	-1.52296	0.270159	1.88589	1.88589	0.818929	1.13667	1.13667	0.449913	1.46604	1.46604	?	?	?	0.0260822	0.210871	-4.74225	0.652109	1.28857	1.28857	1.72625	7.60221	4.30969	1
cg07824317	RPGR;RPGR	0.227508	0.135107	0.883577	-1.54479	0.195674	0.225318	-4.25206	0.638385	0.798407	-1.25248	0.0750011	0.822021	1.82021	0.577993	0.971189	1.02945	1.010614	1.05672	-1.63692	0.905238	1.13352	1.13352	0.543208	1.91097	1.91097	0.232364	2.93233	2.93233	1.72348	30.2293	15.5908	1
cg26668075	LOC143776	0.227509	0.860842	0.944813	-1.05841	0.197984	1.55301	1.55301	0.717066	0.888927	-1.12495	0.919127	1.0334	1.0334	0.116549	0.573964	-1.73622	0.88642	0.954814	-1.04732	0.0166868	0.388517	-2.57389	0.605784	1.18345	1.18345	0.810524	0.925236	-1.08081	1.72348	2.85707	1.47355	1
cg02133779	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.227511	0.177916	0.852001	-1.47371	0.530728	0.888404	-1.12551	0.404063	0.906669	-1.0993	0.815438	1.0212	1.0212	0.513154	0.931449	-1.07355	0.315096	1.1231	1.1231	0.159322	1.18315	1.18315	0.361276	0.861394	-1.16097	0.712547	0.941668	-1.06217	1.72347	0.941668	0.176217	1
cg06316133	KBTBD11	0.227514	0.0761041	0.544182	-1.83762	0.925654	1.02919	1.02919	0.6441	1.15421	1.15421	0.173699	1.56239	1.56239	0.120465	0.594976	-1.68074	0.53203	1.21548	1.21548	0.434973	0.782257	-1.27835	0.538616	0.825359	-1.21159	0.129993	1.6557	1.6557	1.72346	2.95635	1.53801	1
cg20980988	KCNK12	0.227514	0.0795785	0.51488	-1.94202	0.0729754	0.59283	1.70868	0.0852586	1.6852	1.6852	0.108052	1.70396	1.38818	0.0825353	0.603	-1.65834	0.479473	0.82368	1.21548	0.166523	0.611253	0.554268	1.80425	0.0160223	0.885955	1.12365	0.868186	1.12365	1.72346	1.90536	0.982743	1
cg26392318	RSPO3	0.227534	0.907511	0.981584	-1.01876	0.031849	1.49529	1.49529	0.215205	1.23201	1.23201	0.645102	0.92851	-1.07699	0.39047	1.15112	1.15112	0.666671	0.933041	-1.07176	0.766877	0.953564	-1.0487	0.509287	0.898461	-1.11301	0.0560822	1.4135	1.4135	1.73237	0.698185	0.360113	1
cg15593664	KIAA0355	0.227535	0.307936	0.713382	-1.40126	0.126735	0.804793	-1.24269	0.127487	0.608447	-1.64083	0.497861	0.73674	-1.35757	0.241671	0.953559	-1.04876	0.310888	0.74895	-1.33546	0.0774397	0.454307	2.20137	0.0838854	0.168708	5.92737	0.0154538	1.63522	1.63522	1.73337	4.49683	0.108378	1
cg24641027	IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.227535	0.474662	1.12583	1.12583	0.468998	2.88632	-1.12761	0.164769	1.12807	1.12807	0.0814073	0.729872	-1.3701	0.0384703	0.676863	-1.4774	0.626313	0.923121	-1.08328	0.0750309	0.723873	0.923851	-1.08314	0.703499	0.930566	-1.06432	0.435138	0.878265	1.13861	1.72337	0.725353	0.374127	1
cg09211429	RNP2	0.227537	0.0478527	0.58962	-1.69601	0.0933078	0.649821	-1.53889	0.552218	0.868988	-1.15076	0.732727	0.923075	-1.08334	0.366156	0.805089	-1.2421	0.968274	1.00933	1.00933	0.0286505	0.547267	-1.82726	0.218523	0.739179	-1.35285	0.839688	1.04843	1.04843	1.72336	1.48828	0.767639	1
cg24951195	LOC100292680	0.227537	0.921231	0.979907	-1.02107	0.154938	1.52523	1.52523	0.164952	0.776254	-1.28834	0.0774574	0.42572	2.34707	0.0447243	0.439786	-2.27474	0.321159	1.18365	1.18365	0.418037	0.844722	1.18835	1.18835	0.99291	1.00942	-1.00529	0.625299	1.33912	1.33912	1.72336	0.608814	0.45577	1
cg12328890	SLC7A6;SLC7A6	0.227541	0.0391718	0.706455	-1.41552	0.318774	1.15471	1.15471	0.554019	0.91633	-1.09131	0.395894	0.881095	-1.13495	0.381156	0.878415	-1.13841	0.882605	0.978716	-1.02175	0.159248	1.24487	1.24487	0.768668	1.04388	1.04388	0.165948	1.23999	1.23999	1.72334	0.578613	0.298445	1
cg07639697	ZNF823	0.227553	0.320863	0.747907	-1.33794	0.242804	0.941887	-1.06247	0.898641	1.08892	1.08892	0.0121112	2.13099	2.13099	0.121431	1.387564	-1.25722	0.733707	0.916566	-1.09102	0.388522	1.17737	1.17737	0.744816	0.931104	-1.07358	0.403278	0.826444	1.21068	1.72334	0.208428	0.10757	1
cg03522161	NEGR1	0.227552	0.233052	0.800773	-1.24879	0.183039	1.28538	1.28538	0.491435	1.13221	1.13221	0.624465	0.916065	-1.09163	0.0612849	0.45451	-2.19975	0.731667	1.06307	1.06307	0.0974227	0.72385	-1.3815	0.289411	1.21578	1.21578	0.897009	1.02328	1.02328	1.72343	0.861742	0.444459	1
cg03012876	DPH5;9	0.227521	0.271789	1.20613	1.20613	0.566661	1.09553	1.09553	0.441979	1.13705	1.13705	0.202088	1.2469	1.2469	0.41806	0.873218	-1.14519	0.424468	1.14297	1.14297	0.0552296	0.700438	-1.42768	0.104449	1.33746	1.33746	0.595222	0.9159	-1.09182	1.72343	0.732661	0.377857	1
cg14080015	P2RY1;P2RY1	0.227521	0.436183	0.785569	-1.27296	0.798792	1.08047	1.08047	0.56676	1.19204	1.19204	0.88486	0.957056	-1.04487	0.573102	1.18855	1.18855	0.00902722	0.351652	-2.84372	0.903204	1.03754	1.03754	0.409498	0.773855	-1.29223	0.843779	1.06159	1.06159	1.78877	2.54582	1.10633	1
cg23467281	MYOM2	0.227521	0.386631	1.43747	1.43747	0.202655	0.321722	-1.05511	0.934053	0.762197	-1.30717	0.223864	0.910945	-1.09782	0.0996669	1.10212	1.10212	0.513154	0.931449	-1.07355	0.159322	1.18315	1.18315	0.361276	0.861394	-1.16097	0.712547	0.941668	-1.06217	1.83764	0.941668	0.176217	1
cg02115904	CCDC9B	0.227522	0.708969	1.05655	1.05655	0.507116	0.90158	-1.10378	0.842707	0.971273	-1.02958	0.715258	0.947667	-1.05522	0.544676	0.913978	-1.09412	0.146651	1.25679	1.25679	0.0114995	0.628889	-1.59011	0.910878	0.983707	-1.01656	0.573651	0.91997	-1.08699	1.72342	0.587522	0.303026	1
cg25522484	PIP5K1C	0.227524	0.440309	0.779704	-1.28307	0.262552	0.561316	-1.78151	0.0885236	0.682546	-1.46952	0.0852568	0.974864	-1.02159	0.0071165	0.776863	-1.28713	0.979168	1.00397	1.00397	0.0865828	0.774555	1.24556	1.24556	0.965128	1.03613	-1.03613	0.660976	0.773737	1.24556	1.72342	0.84929	0.437282	1
cg08010331	HLA-DPA1	0.227525	0.634192	1.73994	1.73994	0.849075	0.802427	-1.24622	0.116868	0.339698	-7.15832	0.30788	3.38543	3.38543	0.190785	0.201779	-4.95593	0.535509	0.484333	-2.06469	0.34259	0.323118	-3.09485	0.0205831	0.0398507	-25.0937	0.714756	0.654361	-1.52821	1.7234	36.4366	18.7931	1
cg15822087	SIN3A;SIN3A;SIN3A	0.227528	0.641634	0.627147	-1.59452	0.26762	1.75874	1.25784	0.404477	1.18465	1.18465	0.173896	0.750232	-1.33292	0.543045	0.884487	-1.13009	0.182043	0.753764	-1.32667	0.321472	1.22455	1.22455	0.454536	0.859568	-1.16338	0.532979	0.882109	-1.13365	1.7234	1.07706	0.555523	1
cg20198648	LY6D	0.227529	0.348342	0.709752	-1.40853	0.242802	0.561501	-1.78151	0.0885236	0.682546	-1.46952	0.0852568	0.974864	-1.02159	0.0071165	0.776863	-1.28713	0.979168	1.00397	1.00397	0.0865828	0.774555	1.24556	1.24556	0.965128	1.03613	-1.03613	0.660976	0.773737	1.24556	1.72342	0.84929	0.437282	1
cg03623118	RSPO3	0.227534	0.907511	0.981584	-1.01876	0.031849	1.49529	1.49529	0.215205	1.23201	1.23201	0.645102	0.92851	-1.07699	0.39047	1.15112	1.15112	0.666667	0.933041	-1.07176	0.766877	0.953564	-1.0487	0.509287	0.898461	-1.11301	0.0560822	1.4135	1.4135	1.73237	0.698185	0.360113	1
cg15593664	KIAA0355	0.227535	0.307936	0.713382	-1.40126	0.126735	0.804793	-1.24269	0.127487	0.608447	-1.64083	0.497861	0.73674	-1.35757	0.241671	0.953559	-1.04876	0.310888	0.74895	-1.33546	0.0774397	0.454307	2.20137	0.0838854	0.168708	5.92737	0.0154538	1.63522	1.63522	1.73337	4.49683	0.108378	1
cg24641027	IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.227535	0.474662	1.12583	1.12583	0.468998	2.88632	-1.12761	0.164769	1.12807	1.12807	0.0814073	0.729872	-1.3701	0.0384703	0.676863	-1.4774	0.626313	0.923121	-1.08328	0.0750309	0.723873	0.923851	-1.08314	0.703499	0.930566	-1.06432	0.435138	0.878265	1.13861	1.72337	0.725353	0.374127	1
cg09211429	RNP2	0.227537	0.0478527	0.58962	-1.69601	0.0933078	0.649821	-1.53889	0.552218	0.868988	-1.15076	0.732727	0.923075	-1.08334	0.366156	0.805089	-1.2421	0.968274	1.00933	1.00933	0.0286505	0.547267	-1.82726	0.218523	0.739179	-1.35285	0.839688	1.04843	1.04843	1.72336	1.48828	0.767639	1
cg24951195	LOC100292680	0.227537	0.921231	0.979907	-1.02107	0.154938	1.52523	1.52523	0.164952	0.776254	-1.28834	0.0774574	0.42572	2.34707	0.0447243	0.439786	-2.27474	0.321159	1.18365	1.18365	0.418037	0.844722	1.18835	1.18835	0.99291	1.00942	-1.00529	0.625299	1.33912	1.33912	1.72336	0.608814	0.45577	1
cg12328890	SLC7A6;SLC7A6	0.227541	0.0391718	0.706455	-1.41552	0.318774	1.15471	1.15471	0.554019	0.91633	-1.09131	0.395894	0.881095	-1.13495	0.381156	0.878415	-1.13841	0.882605	0.978716	-1.02175	0.159248	1.24487	1.24487	0.768668	1.04388	1.04388	0.165948	1.23999	1.23999	1.72334	0.578613	0.298445	1
cg07639697	ZNF823	0.227553	0.320863	0.747907	-1.33794	0.242804	0.941887	-1.06247	0.898641	1.08892	1.08892	0.0121112	2.13099	2.13099	0.121431	1.387564	-1.25722	0.733707	0.916566	-1.09102	0.388522	1.17737	1.17737	0.744816	0.931104	-1.07358	0.403278	0.826444	1.21068	1.72334	0.208428	0.10757	1
cg13760252	ZNRF4;ZNRF4	0.227548	0.0873362	0.667071	-1.49096	0.573485	1.25746	1.25746	0.989025	1.01989	1.01989	0.827776	0.732061	-1.36601	0.0420668	0.0349771	-28.5901	0.194405	0.140133	-7.13606	0.398046	0.289771	-3.451	0.056857	0.0457193	-21.8726	0.26656	0.190696	-5.24394	1.72331	55.9294	28.8485	1
cg11404402	KCNC4;KCNC4;KCNC4	0.227548	0.976729	0.991907	-1.00613	0.0220033	0.624367	-1.77787	0.672125	0.849499	-1.1784	0.662733	1.03514	1.03514	0.0562477	0.61398	-1.62907	0.998455	1.00505	1.00505	0.0178955	1.04018	1.04018	0.444242	0.850067	-1.17638	0.71231	1.17496	0.617654	1.17496	0.617654	0.317263	1
cg06879508	BAT2L2	0.227555	0.281835	0.822103	-1.21655	1.51812	1.51812	0.118783	1.34931	1.34931	0.211708	1.21894	1.21894	0.584952	0.687659	-1.45421	0.338969	0.841452	-1.18842	0.0024025	0.240705	0.907385	1.02053	1.02053	0.183942	0.0304488	1.0025	1.0025	1.72331	0.837266	0.431866	1
cg24064760	TTC23L;TTC23L	0.227555	0.286703	0.453923	-2.20301	0.858989	1.14293	1.14293	0.21771	2.52856	2.52856	?	?	?	?	0.80826	1.18838	1.18838	0.164787	0.345597	-2.89154	0.101647	0.275258	-3.63296	0.510076	0.62169	-1.60852	0.114726	3.43332	3.43332	1.7955	12.4672	6.07564	1
cg27179099	APH9P2	0.227555	0.765044	1.05955	1.05955	0.987863	1.04599	-1.04599	0.840048	0.907546	-1.10354	0.0876455	1.36042	1.36042	0.732973	0.975	-1.02564	0.309068	1.15151	1.15151	0.112803	0.754426	1.32551	1.32551	0.11472	0.75	1.33333	0.0657512	0.429199	1.42197	1.7233	0.724068	0.375233	1
cg02094810	LMF1	0.227558	0.948113	1.0445	1.0445	0.34025	0.518163	-1.92989	0.329665	0.502025	-1.96	0.453044	0.667553	1.66753	0.0297957	0.18077	-5.53189	0.930315	1.06025	1.06025	0.0662779	0.252094	-3.96678	0.385419	1.81349	1.81349	0.765023	1.22203	1.22203	1.72327	12.2132	6.29973	1
cg11887155	C20orf27	0.227568	0.936984	0.986278	-1.0134	0.658887	1.07795	1.07795	0.436632	0.839007	-1.19191	0.0205078	0.625071	-1.59952	0.181664	1.26955	1.26955	0.550113	0.90104	-1.10979	0.554625	0.904294	-1.10584	0.813314	0.839999	-1.1919	0.299393	1.19846	1.19846	1.72323	0.773107	0.398892	1
cg17238065	CAPN1	0.227572	0.626111	1.1122	1.1122	0.625351	0.698146	-1.43237	0.564454	0.21877	-4.57101	0.268055	0.552953	-1.80847	0.0241798	0.484488	-2.06451	0.513882	1.58416	1.58416	0.2081	1.31601	1.31601	0.541403	0.924899	-1.08134	0.379963	0.358605	-2.78858	1.72322	14.5517	7.50621	1
cg03633175	NLE1;NLE1	0.227575	0.540157	0.87498	-1.14288	0.104488	1.46545	1.46545	0.562065	1.13458	1.13458	0.670339	0.91191	-1.0966	0.119931	0.695367	-1.43809	0.373954	0.82157	-1.21718	0.225147	0.760068	-1.31572	0.325114	0.802303	-1.24641	0.116996	1.44299	1.44299	1.72321	1.26569	0.652888	1
cg22453113	UBTF;UBTF;UBTF	0.227575	0.612559	1.63289	1.63289	0.742802	0.947507	-1.05557	0.824907	0.414	-2.41512	0.440206	0.803882	-1.24398	0.409026	0.583871	-1.71375	0.642797	0.941137	-1.06237	0.744337	0.134928	0.47672	2.09651	0.0955554	10.4684	0.0864644	1.36898	1.36898	1.72319	2.33792	1.23292	0.496
cg06923861	DSCAML1	0.227577	0.219177	0.617111	-1.62045	0.580064	0.811584	-1.23216	0.0281312	0.379607	-2.64341	0.166942	0.576708	-1.73398	0.0486695	0.431204	-2.31909	0.731794	0.879397	-1.13714	0.900237	0.95423	-1.04797	0.450574	1.33265	1.33265	0.86319	0.93984	-1.06401	1.72319	3.80835	1.96449	1
cg24681441	HEPD	0.227580	0.875537	0.935158	-1.07058	0.284256	1.46556	-1.18686	0.198151	0.833339	-1.2295	0.502963	1.10879	1.10879	0.259384	0.836324	-1.19571	0.716385	0.796089	-1.25472	0.245831	1.20248	1.20248	0.332915	0.781694	-1.27927	0.144434	1.26891	1.26891	1.72318	0.629797	0.324876	1
cg03910335	TRPS1	0.227585	0.0396169	0.593787	-1.68411	0.517326	1.15464	1.15464	0.202931	1.34234	1.34234	0.194054	0.740107	-1.35116	0.295735	0.788596	-1.26808	0.74422	0.74035	0.07435	0.20342	0.745233	-1.34186	0.324661	0.800284	-1.24956	0.296231	0.788803	-1.26774	1.72318	1.3094	0.675446	1
cg05031435	AGAP1;AGAP1	0.227583	0.135953	2.53115	2.53115	0.352376	1.73868	1.73868	0.602069	1.35536	1.35536	0.545128	1.54754	1.54754	0.180888	2.27301	2.27301	0.130204	2.57208	2.57208	0.111247	2.69058	2.69058	0.025413	4.64345	4.64345	0.0793941	3.08166	3.08166	1.72317	9.11682	4.70288	1
cg25445823	FLNB;2	0.227585	0.254653	1.55619	1.55619	0.376485	1.41466	1.41466	1.24338	1.24338	1.24338	0.375616	1.25736	1.25736	0.0699946	1.95541	1.95541	0.112662	2.74211	2.74211	0.0270313	3.06508	3.06508	0.0164431	5.54484	5.54484	0.0476823	3.11082	3.11082	1.72312	1.17108	0.892992	1
cg05454323	RPB7B	0.227595	0.7194	1.23954	1.23954	0.0473782	0.242261	-4.12777	0.146411	0.386409	-2.58793	0.0520205	0.296326	2.2428	2.2428	0.117311	0.352667	0.635431	0.752316	-1.32893	0.0636295	0.546129	1.43994	1.43994	0.943834	1.04277	1.04277	0.290493	0.516438	-1.93634	1.8812	1.02032	3.55205	1
cg18176689	GPSM3;NOTCH4	0.227595	0.9010949	1.0445	1.0445	0.33626	0.518163	-1.92989	0.329665	0.502025	-1.96	0.453044

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Probeset ID	UCSC_REFGENE_NAME WORZS;WARS;WARS;WARS;WARS;WD	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25017837	R25	0.227798	0.507489	0.865884	-1.15489	0.0402917	1.66096	1.66096	0.275581	0.784335	-1.27497	0.166124	1.37199	1.37199	0.372262	1.21676	1.21676	0.123967	0.699917	-1.42874	0.854063	1.04022	1.04022	0.555597	1.03979	1.03979	0.739152	1.07419	1.07419	1.72228	1.25114	0.645732	1
cg17734225	PFDN6;WDR46;WDR46	0.227798	0.785971	1.1715	1.1715	0.128619	2.72146	2.72146	0.0414942	0.230128	-4.34542	0.95488	1.03409	1.03409	?	?	?	0.591961	0.724957	-1.37939	?	?	0.545849	1.43866	1.43866	0.354275	1.76904	1.76904	1.8903	1.78409	0.73864	0.329264	1
cg18699466	RUNX2;RUNX2;RUNX2	0.227802	0.283282	0.672452	-1.48709	0.264568	1.51272	1.51272	0.862543	1.06363	1.06363	0.522721	1.259434	1.259434	0.0219349	0.375854	-2.66061	0.181744	1.65629	1.65629	0.933858	1.02999	1.02999	0.498191	1.27732	1.27732	0.87159	1.05927	1.05927	1.72226	3.45607	1.78374	1
cg23838375	RAB37;RAB37;RAB37	0.227812	0.118817	0.374973	-2.66586	0.900437	0.17251	0.07521	0.28755	0.527415	-1.89604	0.0565801	0.34916	0.49156	0.0152512	0.500038	-1.99985	0.425397	0.624002	-1.60256	0.126342	0.380589	-2.60695	0.553411	0.706557	-1.41531	0.657304	1.29523	1.29523	1.72222	9.15604	4.72571	1
cg19107817	HIG2;DB;BBS4 AMACR;AMACR;AMACR;AMACR;AMAC R;AMACR;AMACR;AMACR;AMACR	0.227813	0.557429	1.78743	1.78743	0.096574	5.96403	5.96403	0.259674	3.16124	3.16124	0.149397	0.220212	-4.54108	0.629024	0.620951	-1.61043	?	?	?	?	?	0.524833	1.87909	1.87909	0.371768	0.407525	-2.45384	0.12506	0.196868	-5.07955	1.28933	23.3214	15.4889	1
cg20381404	ACR;AMACR;AMACR	0.227818	0.175823	3.66187	3.66187	0.189004	3.49729	3.49729	0.15156	3.94244	3.94244	0.304004	2.47338	2.47338	0.633749	1.53966	1.53966	0.200866	3.38117	3.38117	0.944007	0.938265	-1.06539	0.0118067	17.0353	17.0353	0.450811	1.99939	1.99939	1.72219	22.1793	11.4476	1
cg14743206	FBXO21;FBXO21	0.227818	0.867317	0.937755	-1.06638	0.136917	1.85117	1.85117	0.0507721	2.35232	2.35232	0.725272	0.873182	-1.14524	0.0771416	0.468646	-2.12836	0.420716	0.728938	-1.37186	0.515428	0.77609	-1.28851	0.817709	0.915084	-1.0928	0.500944	0.769085	-1.30025	1.72219	4.0294	2.07973	1
cg14145338	LCN8	0.227819	0.118097	1.689335	1.689335	0.0148677	0.74259	-1.34724	0.0199229	0.537093	-1.8621	0.0875366	0.663226	-1.50756	0.0214239	0.492295	-2.03111	0.0819226	0.897394	0.972111	-1.02869	0.964138	1.03691	1.03691	0.251995	0.750908	-1.33197	1.72219	1.33103	0.676675	1
cg10600999	CSNK1G2;C19orf34;C19orf34	0.227824	0.905372	1.06987	1.06987	0.118773	2.61606	2.61606	0.0906139	2.88311	2.88311	0.921935	0.945823	-1.05725	0.127689	0.392425	-2.54825	0.178163	0.443731	-2.25362	0.188393	0.453641	-2.20439	0.917701	1.06046	1.06046	0.755489	0.837433	-1.19413	1.72217	8.7978	4.54094	1
cg26347562	ZC3H10	0.227825	0.765484	0.935645	-1.07107	0.750325	0.93019	-1.07607	0.217461	1.34692	1.34692	0.0734893	1.580921	1.580921	0.580093	0.428804	1.20669	1.20669	0.0313456	1.78158	1.78158	0.774178	0.936106	-1.06825	0.807372	1.27593	1.27593	1.21666	0.312453	0.706765	-1.27255	1.43684	0.747621	1
cg21632117	OR4D5	0.227827	0.973634	1.00373	1.00373	0.406875	1.10041	1.10041	0.169744	0.932384	-1.07252	0.191391	1.16881	1.16881	0.141599	1.19511	1.19511	0.0119228	1.42456	1.42456	0.462946	1.08791	1.08791	0.890361	0.984566	-1.01568	0.797518	1.02942	1.02942	1.72215	0.346875	0.117904	1
cg21652107	FRYL	0.227828	0.203945	1.17263	1.17263	0.365334	1.11681	1.11681	0.603421	1.06423	1.06423	0.10273	0.808922	-1.23621	0.267593	1.14702	1.14702	0.131081	0.823965	-1.21364	0.186193	0.846654	-1.18112	0.530237	0.927262	-1.07844	0.430724	1.10024	1.10024	1.72215	0.1847	0.198604	1
cg23840860	THAP4	0.227833	0.625622	1.12029	1.12029	0.174656	0.91506	0.91506	0.943905	1.12953	1.12953	0.75015	0.928449	-1.07606	0.949512	0.985474	-1.01474	0.708603	0.925853	-1.08093	0.834846	1.04941	1.04941	0.857863	1.24412	1.24412	0.112313	1.49091	1.49091	1.72214	4.55559	0.751307	1
cg05486924	C3orf21	0.227834	0.959878	1.0345	1.0345	0.0269758	5.84613	5.84613	0.0677912	3.97186	3.97186	0.81732	0.855568	-1.16881	0.603378	0.702319	-1.42385	0.624987	1.3939	1.3939	0.282296	0.470845	-2.12384	0.547014	1.50813	1.50813	0.504652	0.633545	-1.57842	1.72212	12.3962	6.39841	1
cg03495730	SHANK2;SHANK2	0.227836	0.608008	1.10182	1.10182	0.226648	1.05923	1.05923	0.823513	0.94099	-1.05933	0.809506	0.959584	-1.04243	0.809237	0.975717	-1.02565	0.132054	1.54479	1.54479	0.0085096	2.33769	2.33769	0.954084	0.98589	-1.01431	0.874216	1.04173	1.04173	1.72212	1.81604	0.937569	1
cg05865746	RAP1GAP2;RAP1GAP2	0.227836	0.880797	0.9531	-1.04921	0.0114659	2.75269	2.75269	0.395704	1.32106	1.32106	0.806628	0.924497	-1.08167	0.438646	0.795564	-1.28772	0.203726	1.53638	1.53638	0.20766	1.41285	1.41285	0.360899	1.35076	1.35076	0.901312	1.04051	1.04051	1.72211	2.79402	1.44263	1
cg14149701	MUPCDH;MUPCDH;MUPCDH;MUPCDH	0.227839	0.0875972	0.37723	-2.65091	0.394267	0.636908	-1.57008	0.47566	0.687282	-1.45501	0.816864	1.12742	1.12742	0.0235729	0.247122	-4.04659	0.554979	0.734397	-1.36166	0.043196	0.300441	-3.32844	0.714712	0.827122	-1.20901	0.701159	0.819259	-1.22061	1.72211	7.29032	3.763	1
cg13257412	LANCL1;LANCL1;LANCL1	0.227839	0.88402	1.05714	1.05714	0.78788	1.119	1.119	0.0435733	0.63111	0.63111	0.160795	1.86734	1.86734	0.284104	0.862992	-1.15876	0.948272	0.973134	-1.02742	0.167906	0.541351	-1.84723	0.113979	0.488289	-2.04797	0.714028	0.857754	-1.16584	1.7221	4.74036	2.4468	1
cg13950290	VWA5B2	0.227842	0.665228	1.06347	1.06347	0.191307	0.822376	-1.21599	0.907188	0.98365	-1.01662	0.624258	0.932598	-1.07227	0.965716	0.993943	-1.00609	0.683475	1.06007	1.06007	0.00756439	0.615285	-1.62526	0.593004	0.926576	-1.07924	0.927535	0.987224	-1.01294	1.72209	0.544928	0.281275	1
cg17755794	SA;ENSA	0.227845	0.397976	0.750688	-1.33211	0.941929	0.976149	-1.02443	0.0432002	2.16124	2.16124	0.803644	1.03265	1.03265	0.491307	0.792726	-1.26147	0.121925	1.74288	1.74288	0.20554	0.642404	-1.55665	0.20527	0.642217	-1.55711	0.937267	1.02643	1.02643	1.72208	2.99462	1.54574	1
cg26450228	PRKCA	0.227851	0.595393	0.853203	-1.17203	0.5983	0.562469	-1.77826	0.510076	0.779078	-1.28434	0.401112	0.859422	-1.16356	0.0523936	0.495237	-2.01913	0.274871	0.653632	-1.53009	0.0550456	0.444582	-2.2493	0.343126	0.914621	-1.09342	0.712206	0.832079	-1.20179	1.72206	3.83874	2.0727	1
cg15171911	TCF4;TCF4	0.227855	0.0375268	2.72969	2.72969	0.769616	0.884969	-1.12998	0.0813197	2.2345	2.2345	0.196083	1.76621	1.76621	0.714915	1.16491	1.16491	0.123275	2.00309	2.00309	0.770776	0.885533	-1.12926	0.597525	1.2482	1.2482	0.0961778	2.13866	2.13866	1.72204	4.72211	2.43747	1
cg09346264	PTPRG2;PTPRG2;PTGR2	0.227858	0.632329	0.824795	-1.21249	0.0728335	0.277052	-3.60943	0.99000	0.999514	-1.00049	0.205469	1.70534	1.70534	0.659552	0.586242	-1.70594	0.818958	0.912883	-1.09549	0.250633	0.533982	-1.61556	0.405998	0.832974	-1.20052	0.888413	1.0577	1.0577	1.72203	4.53487	2.24793	1
cg22257099	FLCN;FLCN	0.227864	0.238192	0.690753	-1.4477	0.103663	0.593901	-1.68378	0.103687	1.78082	1.70382	0.917616	1.03147	1.03147	0.442637	1.26417	1.26417	0.160773	0.685132	-1.56614	0.229511	1.45875	0.45586	0.95566	0.983487	-1.01679	0.43903	1.33469	1.33469	1.722	2.44566	1.26244	1
cg20330021	EFNA4;EFNA4;EFNA4	0.227865	0.0776971	0.814008	-1.22849	0.941895	0.992379	-1.00768	0.722121	1.03819	1.03819	0.484069	0.928082	-1.07749	0.207892	0.869912	-1.14954	0.691588	0.959016	-1.04274	0.0217034	0.748845	-1.33539	0.726967	1.03748	1.03748	0.39627	1.09546	1.09546	1.722	0.300404	0.155067	1
cg27227786	DGKE	0.227866	0.57508	1.29177	1.29177	0.147437	1.67437	1.67437	0.0331051	1.31983	1.31983	0.155551	1.31983	1.31983	0.155551	1.31983	1.31983	0.305426	0.618983	-1.61555	0.191668	0.93557	-1.86717	0.345	0.783353	-1.27671	0.363391	1.52253	1.52253	1.72199	3.57204	2.87628	1
cg24027937	PALM;PALM	0.227867	0.265758	0.585476	-1.70801	0.730786	0.172286	1.17286	0.207968	1.8457	1.8457	0.501923	1.3697	1.3697	0.0994448	0.434477	2.30162	0.551983	0.757471	-1.32018	0.0481193	0.35249	-2.83696	0.175665	0.514416	-1.94395	0.63923	0.804165	-1.24353	1.72199	5.81149	2.99989	1
cg08183125	DO2;DO02;DO2;DO2;DO2	0.227871	0.15519	1.39107	1.39107	0.0152241	1.21027	1.21027	0.317882	0.606436	-1.64956	0.0700202	0.535327	0.87201	-1.14664	0.0703172	-1.42155	0.0923552	1.24541	1.24541	0.0401462	0.195616	1.05616	0.208234	0.0961204	1.08605	0.0882098	0.0910462	1.16539	1.72196	1.72626	0.706203	0.0855107	1
cg10703338	SORCS2	0.227874	0.460353	1.64436	1.64436	0.0424532	0.69335	0.69335	0.91954	1.06914	1.06914	0.502919	0.637719	-1.56809	0.146931	2.8011	2.8011	0.706858	1.28401	1.28401	0.725581	1.26262	1.26262	0.313685	1.99271	1.99271	0.0830405	2.280871	-3.56035	1.72196	11.9406	6.16381	1
cg16409869	NDUFC2;NDUFC2	0.227881	0.115642	1.25697	1.25697	0.740339	0.956501	-1.04548	0.162643	1.2476	1.2476	0.261157	1.16965	1.16965	0.250551	1.17416	1.17416	0.716195	1.05003	1.05003	0.0855117	0.775583	-1.28935	0.681093	0.94624	-1.05681	0.193042	1.20226	1.20226	1.72193	0.487671	0.251744	1
cg03644463	GRIK3	0.227883	0.322964	1.44077	1.44077	0.232597	0.787187	-1.2172	0.376087	0.859995	-1.1628	0.230439	1.14252	1.14252	0.0170002	0.534649	-1.87043	0.0889111	1.729094	1.729094	0.0168317	0.61624	-1.62275	0.302883	0.787907	-1.19388	0.40724	0.868809	-1.15116	1.72192	0.751005	0.388147	1
cg21578640	HCN2	0.227883	0.498542	1.13747	1.13747	0.423002	0.857766	-1.16582	0.0448925	0.649496	-1.53966	0.247421	1.25447	1.25447	0.261017	0.802708	-1.24578	0.195111	1.29293	1.29293	0.24031	0.760866	0.939678	-1.06419	0.200091	1.28885	1.28885	0.941612	0.986361	-1.01383	1.72192	0.958491	0.494792	1
cg07115572	GAD1	0.227884	0.447564	1.19119	1.19119	0.353776	0.908274	-1.10076	0.0618118	0.45344	-2.20557	0.19119	1.16202	1.16202	0.0224222	0.429547	-2.32852	0.237444	0.385956	-2.59097	0.0137883	0.096198	-10.395	0.0040772	0.0753705	-13.2688	0.0135198	0.0753705	-13.2688	1.72192	16.1609	8.33018	1
cg21809958	FGD4	0.227885	0.873756	0.943815	-1.05953	0.533117	0.221176	2.22176	0.108602	1.88978	1.88978	0.154473	1.74068	1.74068	0.82754	0.923722	-1.08258	0.795764	0.909984	-1.09892	0.614089	0.832941	-1.20056	0.730202	0.881709	-1.13416	0.0612577	1.25314	1.25314	1.72192	1.60659	1.8618	1
cg09636963	TMEM181	0.227887	0.450277	1.16229	1.16229	0.136764	1.36803	1.36803	0.121999	1.38775	1.38775	0.483273	1.14945	1.14945	0.68548	1.08285	1.08285	0.194366	1.30787	1.30787	0.0483921	0.643448	-1.55413	0.293813	1.23724	1.23724	0.762814	1.06096	1.06096	1.72191	1.04227	0.538045	1
cg08497893	MXD4	0.227888	0.447563	1.19119	1.19119	0.353776	0.908274	-1.10076	0.0618118	0.45344	-2.20557	0.19119	1.16202	1.16202	0.0224222	0.429547	-2.32852	0.237444	0.385956	-2.59097	0.0137883	0.096198	-10.395	0.0040772	0.0753705	-13.2688	0.0135198	0.0753705	-13.2688	1.72192	16.1609	8.33018	1
cg26764638	SIK3	0.227895	0.357624	0.8703	-1.14903	0.597527	0.924745	-1.08138	0.11723	0.778905	-1.28385	0.455888	1.11797	1.11797	0.134182	0.777118	-1.28681	0.554183	0.915889	-1.09184	0.374806	0.874797	-1.14312	0.12316	0.782513	-1.27793	0.0256463	0.677113	-1.47686	1.72187	5.08803	3.03561	1
cg02026668	TSPAN5	0.227898	0.55823	1.10844	1.10844	0.0470581	0.676756	-1.34952	0.0824787	1.03202	1.03202	0.921133	1.12305	1.12305	0.0153392	0.682824	-1.46479	0.589448	1.10844	1.10844	0.116737	0.684174	1.04814	0.266792	0.964004	1.04006	0.812366	0.932515	0.876458	-1.14096	1.72186	0.964065	0.560249	1
cg24907852	ENOSF1;ENOSF1;ENOSF1	0.227903	0.0588676	0.677497	-1.47602	0.650038	0.108692	1.08692	0.425027	0.861861	-1.16028	0.49481	1.13485	1.13485	0.375988	1.18033	1.18033	0.658948	1.08443	1.08443	0.0336521	0.615869	-1.57265	0.565074	1.11197	1.11197	0.935258	0.985284	-1.01494	1.72184	0.908072	0.468787	1
cg23495382	RAE1;RAE1	0.227911	0.304372	0.824137	-1.2134	0.47973	1.33744	1.33744	0.279061	1.22721	1.22721	0.503844	0.90426	-1.10586	0.0904984	0.691168	-1.44783	0.668212	0.924356	-1.0816	0.279369	0.74183	-1.34813	0.0911783	1.12086	1.12086	0.0917383	1.33063	1.33063	1.72181	0.90254	0.469939	1
cg17605933	SLK	0.227917	0.90077	0.953985	1.04708	0.347081	1.44141	1.44141	0.0307437	0.628787	0.62687	-1.62537	0.755346	1.3599	0.103407	1.03203	1.03203	0.0299776	0.628289	-1.62268	0.327113	0.682475	-1.46525	0.0739207	0.273228	1.53819	1.53819	1.72181	1.53819	1.72181	1.88884	2.06763	1
cg07505695	SPG21;SPG21;SPG21	0.227912	0.352046	1.46394	1.46394	0.311437	1.51703	1.51703	0.216556	1.67782	1.67782	0.502666	0.762823	-1.31092	0.304701	1.52655	1.52655	0.0234238	2.93765	2.93765	0.11758	1.96684	1.96684	0.386485	1.42375	1.42375	0.461628	0.742116	-1.3475	1.7218	4.31893	2.22967	1
cg22720025	HIVEP3;HIVEP3;HIVEP3	0.227916	0.113167	1.345455	1.345455	0.38473	0.774444	1.76286	0.0925	0.162307	0.157763	-6.64125	0.247535	0.452394	-2.21046	0.152636	6.55107	0.597576	0.705344	1.41835	0.0442009	0.651975	-1.53405	0.0503862	0.231485	-4.31993	0.124727	0.231485	-4.31993	1.72177	11.7376	6.0597	1
cg26507725	ANO1;ANO1;ANO1	0.227922	0.203212	0.680346	-1.46984	0.226082	1.43979	1.43979	0.790396	1.07938	1.07938	0.485962	0.816271	-1.22508	0.0186333	1.98742	1.98742	0.10463	1.663	1.663	0.827358	0.93929	-1.06463	0.33135	0.834514	-1.1983	0.732896	0.906441	-1.10322	1.72176	2.24218	1.15757	1
cg17332571	HIST1H2BH;HIST1H3F	0.227922	0.807342	0.931288	-1.07378	0.0635753	1.83629	1.83629	0.0178232	1.42271	1.42271	0.679473	1.12869	1.12869	0.0139482	0.670596	-1.49121	0.323839	0.764122	-1.30857	0.0339945	0.194812	2.06706	0.0496151	0.0965	1.4061	1.4061	0.699172	0.893022	-1.11979	1.72176	2.21506	1.19519	1
cg25032001	CEBPB	0.227924	0.473961	1.36132	1.36132	0.271359	0.644218	-1.55212	0.14612	1.18172	1.18172	0.855867	0.97299	-1.02776	0.101651	1.30979	1.30979	0.568018	1.0908	1.0908	0.211904	0.871047	-1.14804	0.59283	1.08468	1.08468	0.198808	0.815069	-1.22689	1.72175	0.618408	0.319265	1
cg18285681	AM21	0.227928	0.06652	2.256693	-3.8957	0.156401	0.367157	-2.72363	0.0227891	0.16514	-6.05545	0.566599	0.681926	-1.46643	0.196531	0.405564	-2.4657	0.335616	0.51882	-1.92745	0.227765	0.433118	-2.30884	0.107108	0.312715	-3.1978	0.6982	0.772297	-1.29371	1.72174	11.9103	6.14897	1
cg22244076	EIF5;EIF5;EIF6	0.227934	0.887749	0.978073	1.02693	0.712957	1.23295	1.23295	0.0327891	1.36579	1.36579	0.455256	0.869337	-1.1503	0.0299792	0.812448	-1.23085	0.154994	1.32342	1.32342	0.17508	0.648621	-1.54161	0.0398354	0.154844	-1.05089	0.0177174	0.154844	-1.05089	1.72174	3.26206	0.477223	1
cg14643497	SLC25A45;SLC25A45	0.227935	0.147489	0.459269	-2.17738	0.182583	0.03028	0.03028	0.0711171	0.364462	-2.74377	0.215004	0.52024	-1.92219	0.952311	0.970501	-1.0304	0.431089	0.668761	-1.4953	0.125271	0.435733	-2.29498	0.642852	1.26339	1.26339	0.187406	0.496822	-2.01279	1.72173	0.83513	3.52882	1
cg19532357	KIF5C	0.227936	0.0769812	0.639415	-1.56393	0.196393	1.3643	1.3643	0.307786	1.27405	1.27405	0.948826	1.01467	1.01467	0.110993	0.673779	-1.48417	0.974543	1.00728	1.00728	0.921845	0.99626	-1.00374	0.983811	1.07998	1.07998	0.496961	1.43605	1.43605	1.72173	1.43011	0.728017	1
cg25839727	ROR1;ROR1	0.227934	0.4745	1.64211	1.64211	0.695325	0.764598	-1.30788	0.584274	1.45761	1.45761	0.0564253	0.229245	-4.36215	0.0410109	0.200269	-4.99329	0.439132	0.538356	-1.71275	0.0996782	0.292157	-3.42282	0.748407	0.802961	-1.24539	0.307702	0.48673	-2.05453	1.72171	12.6806	6.54675	1
cg14461963	DHTKD1	0.227935	0.114852	0.789644	-1.26639	0.108263	1.27295	1.27295	0.38203	1.13144	1.13144	0.526077	1.09252	1.09252	0.0354273	1.40122	1.40122	0.765105	0.959567	-1.04214	0.552048	0.920472	-1.0864	0.720983	1.05064	1.05064	0.760827	1.04295	1.04295	1.72171	0.517339	0.267093	1
cg20377775	2FAND3	0.227936	0.210996	1.14824	1.14824	0.179444	1.44227	1.44227	0.0416866	0.824346	-1.21346	0.162307	0.476566	-2.09835	0.0178352	0.470702	-2.12424	0.12828	1.6354	1.6354	0.0172521	0.570752	-1.75281	0.0476701	0.194851	-5.13158	0.0503862	0.231485	-4.31993	1.72171	2.76315	1.60724	1
cg10467968	EHMT2;EHMT2	0.227972	0.283831	1.14729	1.14729	0.864096	0.00209	1.00209	0.246376	1.16136	1.16136	0.0241322	1.39352	1.39352	0.156354	1.19975	1.19975	0.461625	0.911667	-1.09689	0.619559	1.06371	1.06371	0.670851	1.28278	1.28278	0.404802	1.11092	1.11092	1.72155	0.415191	0.214375	1
cg09336017	ANKH06	0.227973	0.350123	1.60447	1.60447	0.274494	0.697776	-1.3217	0.234849	1.10775	1.10775	0.597145	1.30304	1.30304	0.0509487	0.529496	-1.88903	0.0744264	1.32155	1.32155	0.0409705	0.433572	-2.30653	0.73555	0.963172	-1.03814	0.772612	0.905227	0.785522	-1.27316	0.705212	0.288916	1
cg20359445	IKZF4	0.227948	0.0730011	0.41269	-2.42313	0.3471	0.651482	-1.53496	0.580615	1.28016	1.28016	0.533411	0.756399	-1.32205	0.459785	0.71669	1.3953	0.353503	0.655393	-1.5258	0.0277974	0.316335	-3.1612	0.0708623	0.409316	-2.4431	0.282419	0.609955	-1.63946	1.72165	3.14146	2.75779	1
cg08194369	MPP4	0.227952	0.21926	0.460009	-2.17387	0.0213106	0.189522	-5.27644	0.916611	0.934727	-1.06983	0.83817	0.884341	-1.13079	0.175813	0.420985	-2.37538	0.26818	0.499971	-2.00011	0.0613816	0.280736	-3.56943	0.165104	0.410668	-2.43506	0.905525	0.931124	-1.07397	1.72164	9.85017	5.08568	1
cg10402801	TBX2	0.227953	0.158444	1.42417	1.42417	0.466577	0.876176	-1.13717	0.234849	1.16488	1.16488	0.533073	1.12764	1.12764	0.491159	0.887004	-1.12655	0.757057	1.24212	1.24212	0.0654134	0.380011	-2.63191	0.179841	0.706746	1.31836	1.31836	0.138284	0.737797	-1.35539	1.72163	0.978522	0.505217	1
cg04192492	SEBOX;SEBOX	0.227954	0.13759	0.423674	-2.36031	0.129369	0.414762	-2.41102	0.223657	0.503277	-1.98698	0.843442	1.11204	1.11204	0.0912972	0.368335	-2.71492	0.074569	0.340497	-2.90615	0.0654962	0.329474	-3.03514	0.220297	0.500508	-1.99797	0.158047	0.444608	-2.24917	1.72163	7.86465	4.06058	1
cg22796	RHOD	0.227956	0.283837	1.49128	1.49128	0.507884	1.38415	1.38415	0.973184	1.01624	1.01624	0.857227	0.916589	-1.09162	0.379703	1.12272	1.12272	0.0759	1.19322	1.19322	0.0778	0.743644	1.00728	1.00728	0.921845	0.99626	-1.00374	0.983811	1.07998	1.72163	1.12114	0.65216	0.6954	1
cg03646967	FHIT;FHIT	0.227964	0.969313	0.989362	-1.01075	0.256701	0.719546	-1.38977	0.102265	0.608285	-1.64397	0.231036	0.705183	-1.41807	0.146921	0.648693	-1.54156	0.522142	0.83497	-1.19765	0.506968	1.20584	1.20584	0.684304	0.892568	-1.12036	0.0198882	0.455675	2.19454	1.72159	2.1076	1.08819	1
cg12278653	H3F3C	0.227968	0.255391	0.783393	-1.2765	0.127316	0.712479	-1.40355	0.460602	0.856891	-1.16701	0.750762	0.936583	-1.06771	0.0309153	0.593935	-1.68369	0.033546	0.600184	-1.66615	0.284348	0.795603	-1.25691	0.779909	1.05929	1.05929	0.58946	0.894039	-1.11852	1.72157	1.15251	0.595071	1
cg02577775	2FAND3	0.227970	0.210996	1.14824	1.14824	0.179444	1.44227	1.44227	0.0416866	0.824346	-1.21346	0.162307	0.476566	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00581541	SNORD101SNURF;PUM1;PUM1	0.228160	0.519529	0.653632	-1.53236	0.54672	0.071235	-1.48979	0.4933	0.634621	-1.57574	0.188101	2.499987	2.499387	0.1656501	0.180408	-2.62876	0.560661	0.680758	-1.46895	0.8854414	0.538608	-1.46497	0.1164651	3.004021	3.004021	0.3338162	1.90609	1.72075	11.6423	6.01404	1
cg14058100	KIF26A	0.228167	0.0862135	0.1217553	-8.21332	0.3815531	0.3689888	-2.71012	0.828053	0.785347	-1.27332	0.39506	0.3799993	-2.63159	0.05734115	0.09200387	-10.6685	0.338429	0.334155	-2.99262	0.0231478	0.04898987	-20.4129	0.1999576	0.222242	-4.4996	0.2371107	0.2526144	-3.95861	1.702474	33.6287	17.3717	1
cg24772167	KIF3C	0.228169	0.8992325	0.9720117	-1.02879	0.9339515	0.5742279	-1.74131	0.8893785	1.5214	1.5214	0.9914668	1.0024	1.0024	0.13125	1.44058	1.44058	0.477428	1.17567	1.17567	0.5413527	1.1485	1.1485	0.76226	0.9342884	-1.07034	0.9380222	0.9994445	-1.00056	1.720474	1.36791	0.7066271	1
cg16540194	SYNE2;SYNE2;SYNE2;SYNE2	0.228416	0.8260467	0.8992417	-1.11204	0.541889	1.348913	1.348913	0.700567	0.829187	-1.2016	0.542183	1.348863	1.348863	0.00897598	1.097207	-1.50068	0.644168	1.2526	1.2526	0.5792213	0.762221	-1.31197	0.471955	1.42571	1.42571	0.5141091	0.7256664	-1.37805	1.720272	6.403885	3.30811	1
cg12400664	HSPA1L	0.228185	0.360091	1.50312	1.503112	0.114012	2.10579	2.10579	0.940784	1.0327	1.0327	0.788315	0.8899073	-1.12363	0.0425148	0.312455	-3.20046	0.552757	0.770964	-1.29708	0.294919	1.60078	1.60078	0.1402723	0.9046911	-1.10535	0.539572	0.764132	-1.30867	1.720267	5.11261	2.64115	1
cg21235119	SETD1B	0.228187	0.551352	1.29095	1.29095	0.12592	2.0171	2.0171	0.2671	0.8128254	1.97475	1.39475	0.3117213	1.558808	1.558808	0.771576	0.8839553	-1.13127	0.462187	1.37319	1.37319	0.8843994	1.06359	1.06359	0.104594	2.12053	2.12053	0.7817351	1.124689	1.124689	1.70266	0.892058	2.532754	1
cg17663700	SKA2;SKA2;SKA2;PRR11;SKA2	0.228189	0.0285799	0.3695552	-2.70598	0.0952527	2.02668	2.02668	0.2460062	0.246006	1.59612	1.59612	0.573214	0.8030311	-1.24528	0.7065555	1.15692	1.15692	0.63071	0.829722	-1.20522	0.526065	1.28525	1.28525	0.94404	1.02742	1.02742	0.4683114	1.32892	1.32892	1.02665	0.404727	2.090821	1
cg12305415	HOXA3;HOXA3	0.22819	0.227987	0.165747	6.153507	0.4425985	3.156317	3.156317	0.2223134	0.288318	-2.28838	0.181794	7.659518	7.659518	0.049124	25.1323	25.1323	0.806245	1.42331	1.42331	0.959441	0.9295346	-1.07581	0.9504104	2.213427	2.213427	0.2246344	25.7504	25.7504	7.23655	56.2276	29.04072	1
cg05915362	OSTCL	0.228194	0.861489	0.9293562	-1.07602	0.527336	0.764389	-1.30824	0.3175697	0.297539	-3.3609	0.8240709	0.910823	-1.09791	0.9218945	1.018454	1.018454	0.475495	1.35584	1.35584	0.9222004	1.044224	-1.06358	0.0874076	2.20707	2.20707	0.558056	0.77996	-1.28212	1.720263	4.79636	2.47783	1
cg21280061	WNT2B	0.228197	0.58591	0.958801	-1.05174	0.106879	1.1752	1.1752	0.103023	1.17771	1.17771	0.812382	0.9784209	-1.02205	0.993706	0.999277	-1.00072	0.983038	0.997823	-1.00218	0.75601	1.029	1.029	0.8890991	1.01288	1.01288	0.0174004	1.30417	1.30417	1.72062	0.2292214	0.118414	1
cg14313398	FOXN3	0.228201	0.308478	0.8860214	-1.1286	0.3438951	0.881228	-1.14478	0.5221911	0.828211	-1.07734	0.1175671	0.822367	-1.21621	0.0197741	0.7239956	-1.3813	0.6753248	0.796713	-1.25561	0.3450081	0.8407555	1.189574	0.8222915	-1.21519	0.3450081	0.8407555	1.189574	0.8222915	-1.21519	0.003207	-1.10717	1.7206	0.358895	0.185439	1
cg06868958	PCNXL2	0.228204	0.127553	0.327447	-3.05393	0.0407212	0.201739	-4.95691	0.0982448	0.29265	-3.41705	0.581601	0.685845	-1.45805	0.164242	0.538253	-1.73356	0.170424	0.371877	-2.68906	0.226434	0.422925	-2.36449	0.05090404	0.2538435	0.459285	-2.17599	0.1855	0.4302338	-2.32429	1.720459	12.5106	6.46319	1
cg09078593	NUAC3	0.228207	0.7942641	1.19192	1.119192	0.6665564	1.19595	1.19595	0.5338691	1.293162	1.293162	0.01284497	0.2979232	-3.53851	0.4850266	0.740885	-1.34153	0.8005513	1.11016	1.11016	0.1731098	1.81926	1.81926	0.9028379	0.9508855	-1.05169	0.6163039	1.219666	1.219666	1.72958	0.464274	2.09906	1
cg23942789	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.228209	0.705775	0.877772	-1.11922	0.6158735	0.3622264	-2.76042	0.8887596	0.524503	-1.90657	0.74095	1.32079	1.32079	0.689785	0.871179	-1.14787	0.8235588	1.07977	1.07977	0.458176	0.7713151	-1.29649	0.34744	1.39449	1.39449	0.8182133	1.08235	1.08235	1.72057	3.21948	1.663326	1
cg03191359	RPGR;RPGR	0.228209	0.0667593	0.139766	-7.1548	0.0752243	0.15009	-6.66268	0.636272	0.634201	-1.57679	0.139496	0.58324	0.58324	0.863818	0.8484444	-1.17863	0.0856264	0.162196	-6.16537	0.666337	0.660138	-1.51484	0.900413	0.8870046	-1.12734	0.9333382	1.08333	1.08333	1.72057	24.9764	12.9034	1
cg09320386	TBC1L;TBC1L	0.228215	0.55947	1.34938	1.349384	0.3300953	0.620334	-1.66574	0.2074774	0.365069	-2.73921	0.301655	0.580819	-1.72173	0.2923382	0.539151	-2.94854	0.936833	0.960557	-1.04106	0.2795351	1.76966	1.76966	0.8322858	0.8897907	-1.1137	0.1029061	0.40425	-2.47372	1.72055	7.02428	3.62887	1
cg26638266	VIT	0.228217	0.640365	0.819045	-1.22093	0.0176226	2.40419	2.40419	0.2049616	1.76377	1.76377	0.868891	0.931307	-1.07376	0.426504	0.708601	-1.41123	0.657493	1.20841	1.20841	0.709982	1.17172	1.17172	0.6142	1.87706	1.87706	0.463286	0.7285534	-1.37262	1.72054	2.904838	2.532754	1
cg18798446	C12orf42;C12orf42	0.228219	0.203019	0.51539	1.51539	0.317189	0.726265	-1.37691	0.4576675	1.26357	0.347156	1.3491	1.3491	0.60222	1.17661	1.17661		0.187006	1.5413	1.5413	0.07791128	1.853304	1.853304	0.159948	1.92801	1.92801	0.1501357	0.743383	-1.3452	1.72053	2.60726	1.347	1
cg25568500	DSP	0.22822	0.463821	1.28717	1.28717	0.0224983	2.52274	2.52274	0.445704	1.30107	1.30107	0.269239	0.677362	-1.47632	0.09790091	1.84915	1.84915	0.139982	1.71194	1.71194	0.596424	1.19834	1.19834	0.428949	1.31441	1.31441	0.583925	1.20593	1.20593	1.72052	3.12351	1.61373	1
cg26915162	EIF4EBP3;ANKHD1-EIF4EBP3	0.228222	0.8035987	0.959318	-1.04239	0.414555	0.869703	-1.15006	0.9589309	0.999153	-1.00087	0.6674382	0.770575	-1.40696	0.1396229	0.793308	-1.26076	0.8809253	1.03791	1.03791	0.2693101	0.67558	-1.48021	0.4996579	0.8921006	-1.12094	0.581251	1.09727	1.09727	1.72052	0.75656	0.390869	1
cg08635255	NPLOC4	0.228223	0.877286	1.03319	1.033193	0.300684	1.25437	1.25437	0.2923381	1.2398	1.298	0.377609	1.210851	1.210851	0.0467813	0.618124	-1.6178	0.777396	1.06173	1.06173	0.6091078	0.650629	-1.53697	0.658757	0.910352	-1.09848	0.86805	1.03576	1.03576	1.72052	1.21605	0.628728	1
cg20385018	ATG12;AP3S1	0.228233	0.572586	1.1563	1.115923	0.3443987	0.8079786	-1.2441	0.7971983	0.85894	-1.16546	0.105894	0.6823582	-1.46529	0.5098311	0.7262205	-1.37705	0.4525553	0.840006	-1.18615	0.0196194	0.5331437	-1.87566	0.8438803	1.04469	1.04469	0.1358813	1.43129	1.43129	1.72048	1.35595	0.790551	1
cg04508606	CRYGB	0.228234	0.453722	0.541546	-1.84657	0.220491	0.3551166	-2.81559	0.283392	0.408339	-2.44895	0.874611	1.13531	1.13531	0.6073426	0.1925551	5.19342	0.37258	0.479201	-2.08681	0.4734831	0.556617	-1.79657	0.264163	2.54802	2.54802	0.0327008	0.1342224	-7.45024	1.72047	17.5969	9.09152	1
cg19022525	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.228234	0.0955879	0.342149	1.84249	0.0351847	2.26813	2.26813	0.536726	1.23221	1.23221	0.62451	0.848175	-1.179	0.667754	0.8657666	-1.15505	0.0848598	0.18907	1.88907	0.136091	1.730936	1.730936	0.398372	1.33459	1.33459	0.799258	1.08879	1.08879	1.72047	3.0361	1.56862	1
cg16430909	SLC16A9	0.228235	0.1817781	0.7151951	-1.39854	0.2021514	1.258441	1.258441	0.1568004	1.50244	1.50244	0.2240184	0.8877441	-1.12392	0.6977485	0.9202382	0.339151	-2.94854	0.936833	0.960557	-1.04106	0.2795351	1.76966	1.76966	0.8322858	0.8897907	-1.1137	0.1029061	0.40425	-2.47372	1.72055	7.02428	3.62887	1
cg14980363	C3orf63	0.228238	0.3763393	0.8113374	-1.23248	0.5749	1.13938	1.13938	0.0369283	1.7472	1.7472	0.937641	1.01818	1.01818	0.202402	1.3633	1.3633	0.476644	1.18133	1.18133	0.345581	0.7995569	-1.25067	0.670784	1.10347	1.10347	0.0605875	1.627774	1.627774	1.72045	1.4448	0.746472	1
cg02184660	SORCS2	0.228243	0.789305	0.8973742	-1.20868	0.5584004	1.246265	1.246265	0.8155468	1.23996	1.23996	0.524332	1.596534	1.596534	0.0001	0.1605964	-6.23074	0.169019	0.364082	-2.74644	0.0203766	0.146615	-6.81968	0.2167205	0.4407651	-2.41139	0.320544	0.4607654	-2.02938	0.3742043	1.72053	12.9555	6.67497	1
cg06076054	C21orf91;C21orf91;C21orf91	0.228244	0.245837	0.703499	-1.42147	0.609374	1.161505	1.16105	0.3816351	1.29543	1.29543	0.0899954	0.5818597	-1.71852	0.359223	0.7609777	-1.3141	0.521692	0.828469	-1.20705	0.0442278	0.586789	-1.70419	0.4001985	0.5031444	-1.9875	0.531855	0.8323364	1.2014	1.72043	2.28762	1.18194	1
cg23366691	SUMF2;SUMF2;SUMF2;SUMF2;SUMF2	0.228245	0.279077	0.732766	-1.36493	0.0373197	1.94981	1.94981	0.86487	1.04818	1.04818	0.764854	0.9204562	-1.08641	0.377786	0.778776	-1.28407	0.215025	0.69726	-1.43419	0.0986499	1.64928	1.64928	0.81961	0.9455555	-1.05758	0.8615579	0.952924	-1.0494	1.72042	2.07999	1.07467	1
cg01392772	HLF;HLF	0.228246	0.781062	0.9097227	-1.09899	0.6141855	0.8697403	-1.15006	0.9589309	0.999153	-1.00087	0.6674382	0.770575	-1.40696	0.1396229	0.793308	-1.26076	0.803824	1.03791	1.03791	0.2693101	0.67558	-1.48021	0.4996579	0.8921006	-1.12094	0.581251	1.09727	1.09727	1.72052	0.75656	0.390869	1
cg01578702	BAHCC1	0.228247	0.158089	0.574129	-1.74177	0.746616	1.1266	1.1266	0.935531	0.970691	-1.03019	0.375506	0.71574	-1.39716	0.459505	0.431222	-2.31899	0.156852	0.57305	-1.74505	0.028583	0.386821	-2.58518	0.847975	0.931862	-1.07312	0.903594	0.956422	-1.04556	1.72041	1.6841	1.90347	1
cg13243674	KCNAB2;KCNAB2	0.228251	0.5725386	1.1563	1.115923	0.3443987	0.8079786	-1.2441	0.7971983	0.85894	-1.16546	0.105894	0.6823582	-1.46529	0.5098311	0.7262205	-1.37705	0.4525553	0.840006	-1.18615	0.0196194	0.5331437	-1.87566	0.8438803	1.04469	1.04469	0.1358813	1.43129	1.43129	1.72048	1.35595	0.790551	1
cg01233145	MYOM2	0.228251	0.151366	0.361644	-2.76517	0.959955	0.967327	-1.03378	0.210485	0.417699	-2.39407	0.524693	0.652797	-1.53187	0.0413254	0.210771	-4.74449	0.304236	0.49463	-2.02171	0.0388041	0.205385	-4.8689	0.0890341	0.2891458	-3.45832	0.351223	0.5300368	-1.88655	1.7204	11.9262	6.162	1
cg05893785	NODAL	0.228253	0.331509	1.23897	1.23897	0.714499	1.081175	1.081175	0.570603	0.886482	-1.12805	0.0467716	0.6145337	-1.62724	0.861595	0.963366	-1.03803	0.0663428	1.55337	1.55337	0.736317	1.07496	1.07496	0.264046	0.779587	-1.28273	0.406158	1.19932	1.19932	1.72039	1.24634	0.643958	1
cg16435798	ROBO4;ROBO4	0.228254	0.4991931	1.1563	1.115923	0.3443987	0.8079786	-1.2441	0.7971983	0.85894	-1.16546	0.105894	0.6823582	-1.46529	0.5098311	0.7262205	-1.37705	0.4525553	0.840006	-1.18615	0.0196194	0.5331437	-1.87566	0.8438803	1.04469	1.04469	0.1358813	1.43129	1.43129	1.72048	1.35595	0.790551	1
cg02023345	TMEM26	0.228258	0.923528	0.897755	-1.11389	0.876107	0.19158	1.19158	0.2325256	0.244748	-4.08583	?	?	?	?	0.235304	4.08517	4.08517	0.125549	0.151788	-6.58815	0.471864	0.43858	-2.28009	0.0480195	0.13694	0.13694	0.9167888	1.12458	1.12458	1.79221	31.1679	15.2169	1
cg24122407	IGF1R	0.228265	0.4627353	0.8118514	-1.23172	0.208683	0.6308663	-1.24865	0.9958265	0.999835	-1.00006	0.8941434	1.27196	1.27196	0.2807548	0.5816144	-1.71807	0.5858648	0.81938	-1.16383	0.1075903	0.742159	-1.62159	0.3807548	0.5816144	-1.71807

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg16737213	AASD4HPPT;KBTBD3;KBTBD3	0.22851	0.128373	0.709031	-1.40661	0.926605	1.02091	1.02091	0.48322	0.862504	1.05135	0.752752	0.64725	-1.5547	0.63243	0.904809	-1.10521	0.303835	1.24741	1.24741	0.99005	0.754481	-1.32541	0.790204	0.946153	-1.05691	0.1146555	1.42782	1.42782	1.17933	1.17335	0.606619	1
cg01987417	AHNAK2	0.228514	0.846551	1.26094	1.26994	0.3385455	19.2236	19.2236	0.681954	0.601561	-1.66234	0.71224	0.633205	-1.57927	0.212598	0.198046	-5.04934	0.674744	1.683	1.683	0.949293	1.0816	1.0816	0.6067551	0.527085	-1.89723	0.0458441	16.8317	16.8317	7.19131	41.4268	21.4178	1
cg13447255	ITGB4;ITGB4;ITGB4	0.228516	0.539261	0.765641	-1.30609	0.236532	1.70378	1.70378	0.578156	0.785577	-1.27295	0.949051	1.02783	1.02783	0.360981	0.668014	-1.49698	0.0793976	0.433193	-2.30844	0.058572	0.399314	-2.5043	0.534386	0.76312	-1.31041	0.0612973	0.4049193	-2.47406	1.7193	5.02596	2.55845	1
cg00075975	PGBD5	0.228527	0.731564	0.812303	-1.23107	0.1076509	7.99636	7.99636	0.0648318	0.45615	0.49615	0.701265	1.32017	1.32017	0.302026	0.46292	-2.1602	0.595495	1.47125	1.47125	0.986259	0.987667	-1.01249	0.604801	1.4556	1.4556	0.853289	1.1427	1.1427	1.17926	14.1396	7.31045	1
cg15683950	ABCC8	0.228528	0.167057	2.25962	2.25962	0.0150979	5.22029	5.22029	0.0816956	2.90886	2.98386	0.990540	-1.09054	0.467572	1.50542	1.50542		0.436546	1.55157	1.55157	0.352892	2.33311	2.33311	0.351017	1.70099	1.70099	0.868973	1.09567	1.09567	1.71925	8.33968	4.33178	1
cg10301967	VPS52;RP5-918	0.228682	0.910556	-1.09433	0.979415	0.994401	-1.00563	0.166368	1.37868	1.37868	0.822446	0.952273	-1.05012	0.723785	0.925692	-1.08027		0.8568	0.961457	-1.04009	0.008946	0.485023	-2.06176	0.961958	0.989675	-1.01043	0.740665	0.93022	-1.07501	1.0925	1.28934	0.666616	1
cg22817352	LRRN2;LRRN2	0.228534	0.815352	0.90516	-1.10478	0.129967	0.498213	-2.00718	0.124182	2.03226	2.03226	0.232878	1.70376	1.70376	0.197222	0.559569	-1.78709	0.409629	0.69824	-1.43217	0.214824	0.5733846	-1.74403	0.554532	0.775201	-1.28999	0.232648	1.70426	1.70426	1.19223	4.94032	2.55428	1
cg13612689	ESR1;ESR1;ESR1;ESR1;ESR1	0.228535	0.264983	0.760959	-1.31501	0.564384	0.471444	1.34752	0.0324247	1.03247	1.03247	0.116284	0.668259	-1.49704	0.271727	0.76321	-1.31024	0.6802063	0.641269	-1.55918	0.266113	0.508915	-1.96511	0.168147	0.706896	-1.41464	0.473036	0.845677	-1.1881	1.75922	1.51869	0.785208	1
cg15368905	HTR1B	0.228547	0.706822	0.662231	-1.51003	0.994572	1.00745	1.00745	0.233581	0.90473	1.10473	0.394573	0.994552	1.007444	0.578435	0.229311	0.252604	-3.95876	0.350098	0.350262	2.855001	0.940797	1.06291	0.128439	0.019028	2.21195	0.773567	1.36978	1.36978	1.79117	12.3932	16.7487	2
cg02896432	HDAC4 TMUB2;TMUB2;TMUB2;TMUB2;C7orf	0.228558	0.455059	0.811054	-1.23296	0.114419	1.60415	1.60415	0.414094	1.25834	1.25834	0.731218	1.09956	1.09956	0.647969	0.88115	-1.13488	0.0390802	1.92957	1.92957	0.079184	1.70987	1.70987	0.515914	0.834179	-1.19878	0.820091	0.939226	-1.06471	1.71913	2.06263	1.0665	1
cg02764271	65;TMUB2	0.228566	0.481121	0.866904	-1.15353	0.621903	1.04023	1.10423	0.27186	1.25625	1.25625	0.173003	1.33537	1.33537	0.387304	1.00318		0.0134147	1.84169	1.84169	0.963435	1.09019	1.00919	0.469243	0.963403	1.0191	1.0191	0.738308	0.560026	1			
cg09837590	C6orf10	0.228586	0.226206	0.792889	-1.38334	0.0253344	0.512715	1.07155	0.207657	0.712382	1.40394	0.959788	0.980984	-1.01948	0.992083	0.99747	-1.00254	0.7934002	1.06968	1.06968	0.962467	0.725278	0.6601371	-1.66176	0.152841	0.676475	-1.47825	1.7909	1.77539	0.917998	1	
cg14771063	FOXRED1;SRPR	0.228568	0.725196	1.04722	1.04722	0.488703	1.09632	1.09632	0.808303	1.03229	1.03229	0.154628	0.819395	-1.22041	0.137843	0.811466	-1.23234	0.0312662	0.718644	-1.39151	0.841029	1.0266	1.0266	0.387881	1.15519	1.15519	0.403941	0.894349	0.465412	0.240651	1
cg25234324	ZFYVE19;DNAJC17	0.22857	7	7	7	0.734526	1.29146	1.29146	0.885799	0.897682	-1.11398	0.22077	0.377477	-2.64917	0.218284	2.54544	2.54544	0.5782	0.655418	-1.52574	0.231541	0.12271	-8.1493	0.714107	0.31853	-3.13851	0.292447	0.438264	-2.28173	1.79077	13.9202	6.80163	1
cg00154626	DDX59	0.228572	0.07052532	0.199558	-5.01108	0.0354662	0.242268	-7.029	0.516964	0.596229	-1.68172	0.661267	0.705454	-1.41753	0.561547	0.810868	-1.55091	0.307155	0.43087	-2.32089	0.076446	0.208114	-4.80506	0.368112	0.47893	-2.08831	0.407251	0.500072	-1.96436	1.17007	1.26783	0.9295	1
cg01276475	RIMS1	0.228572	0.0188355	0.751002	-1.33155	0.78809	0.973251	-1.02748	0.532453	0.938348	-1.0657	0.275713	1.12088	1.12088	0.768604	0.970746	-1.03014	0.539161	0.939348	-1.06457	0.357779	1.09985	1.09985	0.386988	0.914625	-1.09334	0.142257	0.8532	-1.17206	1.17907	0.275749	0.142583	1
cg23609442	TTYH3	0.228573	0.386248	0.608714	-1.64291	0.0199092	1.08034	1.08034	0.88411	0.923759	-1.08493	0.638512	0.767628	-1.30271	0.379133	0.609947	-1.65577	0.853742	0.902005	-1.10864	0.009904496	0.162064	-6.17038	0.091779	0.35434	-2.82214	0.260602	0.515045	-1.92662	1.71907	8.50413	4.39728	1
cg14276490	ADIG	0.228576	0.259862	0.7552	-1.32451	0.780054	0.488407	-2.04747	0.118259	0.434837	-2.29971	0.239395	0.561501	-1.78116	0.046833	0.327124	-3.05694	0.0927617	0.403236	-2.47994	0.206704	0.520009	-1.92304	0.116727	0.413068	-2.30911	0.635146	1.26454	1.26454	1.19025	6.56425	3.39425	1
cg08012454	KIF5B;KIF5B	0.22858	0.446173	0.873137	-1.1453	0.162797	1.29732	1.29732	0.148222	1.31123	1.31123	0.894409	0.977067	-1.02347	0.67956	1.07526	1.07526	0.0728182	0.704940	-1.41854	0.08215	0.714291	-1.39999	0.881027	1.02651	1.02651	0.958342	1.00917	1.00917	1.17904	0.838098	0.429687	1
cg13777621	TIP1	0.228582	0.137306	0.903559	-1.10676	0.76358	0.473951	1.36251	0.0162641	1.87744	1.87744	0.633255	1.35741	1.35741	0.193545	0.173154	0.510579	0.332484	1.91489	1.91489	0.946539	1.04351	1.04351	0.947379	0.231154	-4.32611	0.102217	0.32081	-3.11771	1.17903	11.0014	5.68872	1
cg03730249	FOXJ3	0.228585	0.0538501	0.739931	-1.36253	0.37553	1.13715	1.13715	0.0646667	1.33756	1.33756	0.913785	1.01542	1.01542	0.919265	1.01443	1.01443	0.289359	0.856059	-1.16814	0.310187	1.15997	1.15997	0.36866	0.877672	-1.13938	0.838537	1.02925	1.02925	1.71902	0.543694	0.281139	1
cg16697731	ZNF549	0.228589	0.99222	1.00567	1.00567	0.488585	1.00256	1.00256	0.933753	1.13293	1.13293	0.0407314	0.754157	1.32598	0.0634334	1.04037	1.04037	0.289838	2.87999	2.87999	0.114555	0.662288	1.51098	0.0208	0.929238	-1.07615	0.0919294	1.24807	1.24807	1.2789	0.388366	0.208822	1
cg27183811	AP4E1	0.22859	0.584011	1.0984	1.0984	0.013538	1.6799	1.6799	0.45487	1.13793	1.13793	0.949641	1.01078	1.01078	0.562284	0.905337	1.10456	0.337816	0.845584	1.18261	0.950194	0.989453	-1.01066	0.149006	1.30042	1.30042	0.800785	0.957989	1.04385	1.9	0.784455	0.40564	1
cg20018563	SLCO3A1;SLCO3A1	0.228594	0.269791	0.526641	-1.89883	0.0123779	0.175967	-5.68289	0.492974	0.678056	-1.4748	0.215824	0.851429	-1.1745	0.281204	0.486008	-2.05758	0.191588	0.462336	-2.16293	0.163909	0.1201	0.1211	0.055849	0.379412	-2.63566	0.640796	0.769345	-1.29981	1.78198	8.47715	4.38356	1
cg12577199	POLR3B;POLR3B	0.228595	0.0263039	1.71915	1.71915	0.373704	0.932192	-1.07274	0.952466	0.895795	0.122922	0.0108088	1.32185	1.32185	0.0452327	0.75745	-1.32019	0.0852013	2.51851	2.51851	0.0104583	0.312856	3.20314	0.0170447	0.0972	10.2896	0.0014168	0.0418	0.0418	1.2315	1.36062	1.10473	1
cg06377929	ATAD3B	0.228598	0.65399	1.08287	1.08287	0.609673	0.913141	-1.09512	0.614959	0.914034	-1.09405	0.501695	0.88663	-1.12787	0.00980475	0.562045	-1.77922	0.704118	1.06965	1.06965	0.221405	0.797064	-1.2546	0.660585	0.924987	-1.0811	0.428212	1.15342	1.15342	1.18496	0.847791	0.438399	1
cg13943355	SMAD3;SMAD3;SMAD3;SMAD3	0.228605	0.78583	1.07001	1.07001	0.105163	1.55323	1.55323	0.0228705	1.10316	1.10316	0.674841	0.922383	-1.0845	0.813141	0.960844	-1.04096	0.308623	1.30061	1.30061	1.07061	0.916486	1.2228	1.2228	0.0256	3.90313	0.0256363	0.0256	0.0256	1.69375	0.872684	0.372665	1
cg18816595	CCDC13	0.228609	0.0784322	0.433319	-2.30777	0.0800965	2.94884	2.94884	0.237915	1.69702	1.69702	0.727716	0.861117	-1.16128	0.478222	0.734964	-1.36061	0.207354	1.76615	1.76615	0.402928	1.4422	1.4422	0.401484	0.741409	-1.34878	0.538925	0.766339	1.3049	1.71892	2.98215	2.57637	1
cg05924652	GLP1R	0.228612	0.863907	1.09914	1.09914	0.047756	0.287293	-3.48076	0.772505	1.17319	1.17319	0.263726	0.526265	-1.90018	0.0684934	0.32563	-3.07097	0.679921	1.25683	1.25683	0.0795458	0.342221	-2.92209	0.171692	0.448546	-2.22943	0.549405	0.716222	-1.39621	1.71891	8.26542	4.27425	1
cg26044128	PHC2	0.228615	0.132954	1.28825	1.28825	0.0126106	1.3053	1.3053	0.0647377	0.715709	-1.39722	0.644096	0.775209	-1.29009	0.0731441	0.709264	-1.40919	0.332484	1.91489	1.91489	0.946539	1.04355	1.04355	0.947379	0.231154	-4.32611	0.102217	0.32081	-3.11771	1.17903	11.0014	5.68872	1
cg21107944	PRDM16;PRDM16	0.22862	0.812991	0.961808	-1.03971	0.512862	1.11522	1.11522	0.499429	1.11925	1.11925	0.641706	0.874604	1.07869	0.0782623	0.912328	1.01609	1.01609	0.881078	1.0249	1.0249	0.00641512	1.79079	1.79079	0.465636	0.885144	-1.12976	0.763817	0.05076	1.05076	1.71887	0.735019	0.380104	1
cg09684042	ATP11A;ATP11A SLC8A3;SLC8A3;SLC8A3;SLC8A3;SLC8A3	0.228623	0.455458	0.723878	-1.38145	0.0298082	2.96489	2.96489	0.532644	1.31887	1.31887	0.826834	0.911074	-1.09761	0.420198	0.704636	-1.41917	0.904052	1.0526	1.0526	0.18485	0.550026	-1.8181	0.166385	1.87186	1.87186	0.419765	0.704397	-1.41965	1.71886	4.91896	2.54379	1
cg20409590	;SLC8A3;SLC8A3 CD209;CD209;CD209;CD209;CD209;CD	0.228623	0.309149	0.833321	-1.20002	0.369568	0.852451	-1.17309	0.919369	0.982612	-1.0177	0.562788	1.10668	1.10668	0.0127214	0.837323	-1.19428	0.907743	1.02029	1.02029	0.0137513	1.69498	1.69498	0.776274	1.0506	1.0506	0.68824	1.02005	1.12975	1.71886	0.817004	0.422504	1
cg01452452	209;CD209;CD209	0.228635	0.097672	0.178091	-5.61511	0.262345	0.329657	-3.03345	0.99699	0.996425	-1.00359	0.461483	0.490744	-2.03772	0.085544	0.164541	-6.0775	0.19568	0.272708	-3.66693	0.0503546	0.120264	-8.31502	0.0500495	0.119834	-8.34487	0.306567	0.366007	-2.73219	1.71881	24.5429	12.6925	1
cg20093000	TRAFD1;TRAFD1;TRAFD1	0.228638	?	?	?	0.0425	?	?	0.0642352	?	?	0.0242765	?	?	0.0163777	?	-5.50055	?	?	0.0377	?	?	0.0413513	?	?	0.0425	?	?	0.0425	?	?	0.0425	?	?	1
cg22566355	KCNH3	0.228642	0.431578	1.83526	1.83526	0.636259	0.697424	-1.43385	0.552693	0.634860	-1.57513	0.450131	0.558865	-1.78934	0.922608	0.929133	-1.07627	0.587041	1.5141	1.5141	0.10195	0.849403	0.408215	0.527353	-1.89626	0.125691	1.50255	3.50255	1.71878	15.5757	8.05519	1
cg12377327	WDR45;WDR45	0.228643	0.112802	0.251495	-3.97622	0.627925	0.676682	-1.4778	0.272151	0.400885	-2.49448	0.219418	2.80881	2.80881	0.24183	0.375431	-2.6636	0.0243917	0.117063	-8.54239	0.822896	0.83588	-1.19634	0.862415	1.1488	1.1488	0.87684	1.13204	1.13204	1.18778	17.4084	9.00298	1
cg00087869	C16orf58;SLC5A2	0.228644	0.339344	0.832174	-1.20155	0.19102	1.01946	1.01946	0.918923	0.731676	1.36683	0.764477	0.731673	-1.36707	0.467883	0.596427	-1.67683	0.688732	1.45264	1.45264	0.0939365	0.5204	-1.92212	0.0313593	0.5099	1.9608	0.0313593	0.5099	1.9608	0.0313593	0.5099	1.9608	0.0313593	0.5099	1.9608	1
cg04573550	SSTR1	0.228645	0.116567	0.43066	2.32256	0.420287	0.23275	0.02375	0.999881	1.00013	1.00013	0.795427	1.24914	1.24914	0.211426	0.325222	3.07483	0.486243	0.545676	-1.83259	0.745967	1.32089	1.32089	0.0346974	0.23147	8.23347	0.142268	3.8748	3.8748	1.71877	19.9538	10.3194	1
cg06622404	SLC45A1	0.228646	0.285384	0.748566	-1.33063	0.0704554	0.534134	1.87206	0.0304756	0.457442	-2.18237	0.288522	0.702033	-1.42408	0.18375	0.718304	-1.39217	0.852019	1.17351	1.17351	0.0484318	0.102866	9.72018	0.0014555	0.0242	41.3606	0.0014555	0.0242	41.3606	0.0014555	0.0242	41.3606	0.0014555	0.0242	41.3606	1
cg01647204	WDR25;WDR25	0.228646	0.0844273	0.216874	-4.61098	0.119214	1.87279	1.87279	0.354359	2.14466	2.14466	0.740903	0.766663	-1.30435	0.127744	0.267503	-3.73827	0.413211	0.511782	-1.95396	0.396706	0.499104	-2.00359	0.931661	1.07109	1.07109	0.142893	0.283398	-3.52861	1.71876	17.9541	9.0267	1
cg16725182	UROS	0.228649	0.132041	1.30275	1.30275	0.0293153	1.55023	1.55023	0.317188	1.10316	1.10316	0.674841	0.922383	-1.0845	0.813141	0.960844	-1.04096	0.308623	1.30061	1.30061	1.07061	0.916486	1.2228	1.2228	0.0256	3.90313	0.0256363	0.0256	0.0256	1.69375	0.872684	0.372665	1
cg14799927	TRIM26	0.228651	0.674358	1.15002	1.15002	0.288525	2.48561	2.48561	0.768656	0.866417	-1.15418	0.81629	1.11924	1.11924	0.449449	0.648708	-2.13352	0.800027	0.884378	-1.13074	0.394399	0.554254	-1.5255	0.306059	0.352629	0.352629	0.834259	0.903548	1.10675	1.71874	1.70948	1.32878	1
cg21263551	GLI3	0.228656	0.448824	0.825868	-1.21085	0.224748	1.37175	1.37175	0.0584383	1.69896	1.69896	0.0611865	1.68697	1.68697	0.667193	0.898317	-1.11319	0.293268	1.31029	1.31029	0.125932	1.50751	1.50751	0.771954	0.9305	-1.07469	0.846597	0.953124	-1.04918	1.71872	1.67254	0.865008	1
cg25798775	ZNF485	0.228657	0.144397	0.663679	-1.50677	0.0822826	0.526126	1.9013	0.0641677	1.4597	1.4597	0.215103	0.709025	-1.41006	0.0788227	0.53497	-1.8693	0.363611	1.30061	1.30061	1.07061	0.916486	1.2228	1.2228	0.0256	3.90313	0.0256363	0.0256	0.0256	1.69375	0.872684	0.372665	1
cg21004104	NNMT	0.228659	0.124623	0.291353	-3.43226	0.138089	0.305936	-3.26866	0.3155	0.463091	-2.1594	0.299811	0.450676	-2.21889	0.169277	0.337501	-2.96296	0.114366	0.279757	-3.57453	0.045143	0.174902	-5.71749	0.083208	0.241507	-4.14067	0.110938	0.275735	-3.62615	1.71871	14.9767	7.74571	1
cg23235291	ANKZF1;ANKZF1;ATG9A;ANKZF1;ATG9A	0.228662	0.913888	1.02621	1.02621	0.714426	1.09189	1.09189	0.0864323	1.57312	1.57312	0.532687	0.85971	-1.16318	0.118173	0.666442	-1.50051	0.885034	0.965984	-1.03521	0.363742	1.25016	1.25016	0.158128	0.697023	-1.43467	0.113926	1.50889	1.50889	1.7187	1.55747	0.805506	1
cg12515638	SPRY4	0.228663	0.441432	0.783205	-1.2768	0.231723	1.47768	1.47768	0.275246	0.895971	-1.11611	0.76509	0.910934	-1.09777	0.863287	0.947762	-1.05512	0.401278	0.765337	-1.30661	0.0892333	0.354999	-2.81691	0.555679	0.830654	-1.20387	0.915192	0.967383	-1.03372	1.71869	2.63788	1.36428	1
cg05861409	SLC25A43	0.228665	0.14005	0.644024	-1.55252	0.0312172	0.70555	1.41742	0.0454208	0.734025	-1.36205	0.546125	0.65703	-1.52208	0.0478243	0.343204	-2.91355	0.0790668	0.282705	-3.53726	0.0134966	0.151452	-6.60373	0.0133427	0.0474	-21.0823	0.0133427	0.0474	-21.0823	0.0133427	0.0474	-21.0823	0.0133427	0.0474	-21.0823	1
cg07526069	GOT1	0.228667	0.86693	0.977912	-1.02259	0.793367	1.03558	1.03558	0.765196	1.0407	1.0407	0.290084	0.86395	-1.15747	0.973975	0.995665	-1.00435	0.0343489	0.719816	-1.38924	0.0443397	0.735195	-1.36018	0.365797	0.883596	-1.13174	0.325521	1.14478	1.14478	1.71866	0.482853	0.24973	1
cg14462830	TBDN	0.228671	0.0554321	0.575516	-1.73757	0.668128	0.896052	-1.11601	0.278845	1.33181	1.33181	0.270806	1.33924	1.33924	0.180382	0.69628	-1.4362	0.891884	1.03521	1.03521	0.813763	1.5099	1.5099	0.341748	0.752454	1.32898	1.32898	0.0909603	0.97151	1.02933	1.71866	1.76281	0.917121	1
cg00880984	IBTK	0.228674	0.962759	0.981115	-1.01925	0.553242	0.400685	-2.45065	0.440085	1.37922	1.37922	0.248161	1.63635	1.63635	0.649401	0.829539	-1.20549	0.553221	1.782758	-1.27753	0.776114	0.181827	0.543353	-1.84043	0.0941565	2.12012	2.12012	1.17865	1.53872	2.34744	1
cg14086033	C11orf10;FEN1	0.228675	0.128252	1.57115	1.57115	0.598167	0.864032	-1.15736	0.388076	0.784206	-1.27517	0.390622	1.27343	1.27343	0.254306	1.38693	1.38693	0.0771008	1.7162	1.7162	0.635576	0.877062	-1.14017	0.834099	1.05933	1.05933	0.0470486	1.8674	1.8674	1.71865	2.05528	1.063	1
cg22291095	ZNF83	0.228676	0.122261	1.34215	1.34215	0.154191	1.45432	1.45432	0.0636435	1.45432	1.45432	0.0636435	1.45432	1.45432	0.0636435	1.45432	1.45432	0.217729	1.37559	1.37559	2.66247	0.661703	1.78124	1.78124	0.0195546	-5.16674	0.0442449	0.553534	-1.80657	1.71864	15.3288	8.029	1
cg02048651	C12orf12	0.228677	0.295419	0.816993	-1.224	0.349856	0.835886	-1.19634	0.704116	1.07366	1.07366	0.766903	0.946113	-1.05694	0.0171157	0.58196	-1.71833	0.771882	0.947288	-1.05564	0.130878	1.35509	0.540257	0.809932	-1.12243	0.50414	0.881373	-1.13459	1.71864	0.9445	0.488529	1
cg21655371	CNTS5;C7orf50;C7orf50;GPR146	0.228683	0.671412	1.14252	1.14252	0.454354	0.644472	-1.55212	0.0832883	0.844772	-1.18384	0.216528	0.810074	-1.23412	0.0384443	0.652329	1.5321	0.337939	2.95481	2.95481	0.0139321	0.73038	1.37189	0.0244833	0.749913	1.33338	0.0244833	0.749913	1.33338	0.0244833	0.749913	1.33338	0.0244833	0.749913	1.33338	1
cg00317626	SLC1A7	0.228683	0.219331	0.523573	-1.90995	0.732947	0.842342	-1.18717	0.0769756	2.67821	2.67821	0.882288	1.07705	1.07705	0.084161	0.383974	2.60434	0.669906	0.806697	-1.23962	0.0998735	0.405242	-2.46766	0.217175	0.521821	-1.91636	0.99589	0.997423	-1.00258	1.71861	0.83045	3.5328	1
cg01504447	HMGB1	0.228696	0.392586	0.704204	-1.42004	0.921891	1.04005	1.04005	0.0127566	0.289692	-3.45195	0.38001	0.697274	-1.43416	0.234589	0.607215	-1.64686	0.64564	1.20369	1.20369	0.952956	0.976654	-1.0239	0.240127	0.611117	-1.63635	0.42779	1.38288	1.38288	1.78156	4.36368	2.25703	1
cg15538634	MIB2;MIB2;MIB2;MIB2;MIB2	0.228697	0.941581	0.815353	-1.22645	0.80816	0.871566	1.14756	0.0603235	1.02329	1.02329	0.660232	0.934232	-1.07048	0.0137479	0.556572	1.79552	0.65241	1.09987	1.09987	0.177387	1.26647	1.26647	0.0617415	0.5551	1.80216	0.0266	0.754486	0.96256	1.04088	1.71851	1.95983	0.620291	1
cg27321931	DSP;DSP	0.228704	0.704943	0.749647	-1.33396	0.34956	1.07381	1.07381	0.103564	1.85144	1.85144	0.0445582	5.73829	5.73829	0.712738	0.755301	-1.32327	0.55362	0.635165	-1.57439	0.360212	0.490041	-2.03911	0.0946963	0.41974	0.41974	0.739156	1.28803	1.28803	1.71853	15.6159	8.07718	1
cg16492577	DYX1C1	0.228705	0.247388	0.704248	-1.42035	0.601333	1.11313	1.11313	0.0478885	-1.701	0.896275	1.18964	1.18964	0.867837	0.925037	-1.08085	0.0400957	1.34025	1.34025	1.34025	0.0495	0.895515	-1.11733	0.642687	0.70789	-1.41253	0.0495	1.10759	0.642526	1.71851	1.22	0.562526	1
cg20294788	TUFT1;TUFT1	0.228712	0.0865423	0.320983	-3.11543	0.684809	1.03299	1.02399	0.280794	1.95985	1.95985	0.564593	0.705023	-1.41839	0.379836	0.582328	-1.71725	0.88517	0.9162	-1.09061	0.0228922	0.195167	-5.12383	0.238922	0.476973	-2.09655	0.296521	1.52222	1.9149	1.71849	0.80521	5.07174	1
cg13467399	ABL1	0.228714	0.592692	0.919816	-1.08717	0.0268446	1.50065	1.50065	0.145616	1.27361	1.27361	0.702883	1.0571	1.0571	0.424956	1.13442	1.13442	0.855113	0.972103	-1.0287	0.211745

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Probeset ID	UCSC_REFGENE_NAME LDB1;LDB1;LDB3;LDB3;LDB3;LDB3;LDB	p-value(Test)	Fold-Change(1 vs. 2)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1 vs. 437 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(1537 vs. N)	Fold-Change(5 vs. 537 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. 637 vs. N)	F(Error)	SS(Test)	SS(Error)
cg14281922	3	0.228977		0.269297	2.29801	2.29801	0.632717	4.53314	4.53314	0.536496	1.57647	1.57647	0.160134	2.96204	2.96204	0.291629	1.20752	2.20752		0.274473	2.2768	2.2768	0.0270448	6.64631	6.64631	0.102947	3.63595	3.63595	0.1471	3.08274	3.08274	1.7174	14.2411	7.37086	1
cg05868365	TMEM184A	0.228978		0.6588829	0.276257	-3.61982	0.128355	0.371172	-2.69417	0.726767	0.809347	-1.23556	0.97026	1.02273	1.02273	0.0417363	0.242851	-4.11776		0.478596	0.64768	-1.54397	0.419639	0.6082134	-1.6441	0.04742	0.254761	-3.92525	0.4626885	0.637133	-1.56953	1.17139	9.88894	5.11832	1
cg18887142	DDX27	0.228985		0.13857	1.23126	1.23126	0.768864	0.964093	-1.03581	0.565598	1.07295	1.07295	0.134849	0.822479	-1.21584	0.900031	0.15531	1.01535		0.458644	1.09762	1.09762	0.605059	0.938712	-1.06529	0.730617	0.959864	-1.04279	0.0259759	1.37769	1.37769	1.7737	0.399776	0.20692	1
cg03700864	IREB2	0.228989		0.223862	1.18973	1.18973	0.236173	1.18383	1.18383	0.8282827	1.29839	1.29839	0.118136	1.25944	1.25944	0.912356	0.985143	-1.01508		0.806146	0.967126	-1.03399	0.1358	0.8036931	-1.24426	0.386521	0.886317	-1.12826	0.3640861	1.1352	1.1352	1.73135	0.5027114	0.2602	1
cg07661755	TMEM117	0.228989		0.114369	0.33498	-2.98525	0.0482124	0.237446	-4.21148	0.136298	0.959787	-2.77942	0.714793	0.791573	-1.26333	0.0727821	0.279512	-3.57917		0.126204	0.34865	-2.86821	0.138807	0.3624489	-2.7587	0.126182	0.348625	-2.86841	0.50105	0.6473111	-1.54485	1.72135	11.1016	5.70988	1
cg25193484	ERMAP;CCDC23	0.228990		0.263736	1.34763	1.34763	0.0274866	1.94982	1.94982	0.240041	1.3703	1.3703	0.494782	1.19427	1.19427	0.128616	1.52286	1.52286		0.804043	0.93832	-1.06573	0.241635	0.7306517	-1.36871	0.263666	1.34769	1.34769	0.3907055	1.25261	1.25261	1.17734	1.78371	0.923237	1
cg07954864	SH2B3	0.228997		0.836842	1.04962	1.04962	0.724023	1.40399	1.40399	0.7010827	1.09459	1.09459	0.897796	1.03054	1.03054	0.993426	1.00223	1.00223		0.906129	1.02809	1.02809	0.0071947	1.23856	1.23856	0.214152	1.3403	1.3403	0.516966	1.16684	1.16684	1.71732	1.5	0.776404	1
cg18444782	IQSEC1	0.229005		0.561888	0.819872	-1.2197	0.173037	1.03396	-1.03396	0.773913	1.50245	1.50245	0.864755	1.66396	1.66396	0.773913	1.1312	1.1312		0.299286	0.542325	-1.84391	0.350819	1.38982	1.3843	0.0290613	1.38982	1.38982	0.750133	0.8974488	1.11427	1.17278	3.11911	1.61449	1
cg27233192	NPHP4	0.229006		0.0241216	0.669176	-1.49438	0.63112	0.930287	-1.07494	0.771728	0.957479	-1.04441	0.473384	1.11508	1.11508	0.195431	0.815028	-1.22695		0.396226	0.878295	-1.13857	0.227307	1.20843	1.20843	0.348756	1.15499	1.15499	0.717766	1.05572	1.05572	1.17228	0.6068834	0.314106	1
cg07182756	MOCS1;MOCS1	0.229008		0.663478	1.09806	1.09806	0.724986	0.979339	-1.02116	0.881657	1.08116	1.08116	0.9801947	0.6605588	1.05182	-1.51338	0.152087	1.18794	1.18794	0.504399	1.15571	1.15571	0.1405	0.904523	1.02596	1.02596	0.0573279	0.631724	1.52307	0.6163935	1.11393	0.6020993	0.893964	-1.11861	1.17227	1.24109	0.642341	1
cg17958315	FBN2;FBN2	0.229011		0.38796	0.817982	-1.22252	0.77805	0.937853	-1.06627	0.721115	0.928136	-1.08479	0.802266	0.94462	-1.05863	0.755383	0.931408	-1.07354		0.279633	0.774756	-1.29073	0.0625268	0.6445309	-2.24563	0.411322	0.826273	-1.21025	0.2210127	0.746679	-1.33926	1.71726	1.40221	0.725811	1
cg23745378	NAALAD2	0.229013		0.238665	0.630942	-1.58546	0.0744615	0.272348	-3.67295	0.0894182	0.320552	-3.11958	0.0998548	0.255372	0.255372	0.0984274	0.0686574	0.191019	-5.23508		0.463358	0.545415	-1.83347	0.0991354	0.2303237	-4.34565	0.0913988	0.243025	2.41935	0.6408001	0.682838	-1.4645	1.72326	17.9387	9.28545	1
cg06568323	PCCA;PCCA	0.229019		0.41018	0.189872	-5.26711	0.0362209	0.173589	-5.75589	0.0676448	1.30037	1.30037	0.919584	0.942265	-1.06127	0.0974172	0.342629	-2.91861		0.0794642	0.317779	-3.14684	0.0725412	0.3073025	-3.25413	0.751026	1.20532	1.20532	0.143855	0.3966229	-2.52125	1.17222	9.43178	4.88219	1
cg19516374	PNKD;PNKD	0.229021		0.0854221	0.248446	-4.02502	0.198366	0.70613	2.70613	0.270421	2.31727	2.31727	0.554807	1.54881	1.54881	0.144761	0.317565	-3.14896		0.751322	1.26217	1.26217	0.115287	0.285372	-3.5042	0.43639	0.559906	-1.78872	0.549041	0.641448	-1.55897	1.17222	14.587	7.55073	1
cg09970340	SLBP	0.229026		0.353251	1.22714	1.22714	0.818857	0.955276	-1.04682	0.589133	0.889274	-1.12454	0.202274	0.768721	-1.13653	0.180308	0.702241	-1.42393		0.106379	0.684221	-1.46152	0.139003	0.1408773	-7.09577	0.0748374	-1.33622	0.158738	0.723107	0.382922	1.1924	1.65204			
cg18133275	KHDRBS1	0.229026		0.927069	1.04195	1.04195	0.104767	2.21614	2.21614	0.321538	1.58356	1.58356	0.671288	0.825636	-1.21119	0.0325994	0.325451	-3.07266		0.725182	1.17166	1.17166	0.470782	0.7194225	-1.39	0.230967	0.568927	-1.75769	0.611304	1.25865	1.25865	1.75919	5.47909	2.8362	1
cg05083414	FAM101A	0.229028		0.256686	0.45497	-2.19705	0.590852	0.696907	-1.43479	0.623137	1.39024	1.39024	0.958329	0.965819	-1.03537	0.6094607	0.259035	-3.86063		0.176377	0.384381	-2.60158	0.0184847	0.1484473	-6.69019	0.496001	0.63181	-1.58276	0.292621	0.483703	-2.06758	1.72119	12.0345	6.22956	1
cg09796293	RHOC;RHOC;RHOC	0.229028		0.561398	0.85846	-1.05846	0.512834	1.06632	1.06632	0.00587916	1.37082	1.37082	0.792658	0.9185	-1.08861	0.2409941	0.66	-1.51515		0.666665	0.958943	-1.04282	0.154824	1.15872	1.15872	0.719885	0.967561	-1.03545	0.472467	1.07326	1.07326	1.73179	0.2545558	0.13177	1
cg25846372	OSCR3	0.229031		0.760918	1.08532	1.08532	0.138379	0.651807	-1.5342	0.509824	0.835797	-1.19646	0.585443	1.15924	1.15924	0.0668298	1.73541	1.73541		0.786678	0.929811	-1.07549	0.0984381	1.62612	1.62612	0.278766	0.739246	-1.35273	0.374486	0.783052	-1.27705	1.77178	1.95743	1.01325	1
cg13885243	STXBP1;STXBP1	0.229033		0.562622	0.66007	-1.51499	0.0172952	0.257357	-3.88557	0.0742995	0.429737	-2.32764	0.162901	0.287793	0.287793	0.0992417	0.0967	-10.3405		0.850284	0.874499	-1.14353	0.433159	0.5668367	-1.76408	0.68667	1.33347	1.33347	0.218416	1.39903	2.50608	0.72717	1.63872	0.99034	1
cg00737840	PIKNOX2	0.229034		0.0740777	0.643858	-1.55314	0.972781	0.992482	-1.00758	0.28815	1.27623	1.27623	0.325723	0.798961	-1.25163	0.155653	0.715186	-1.39824		0.0846557	1.52473	1.52473	0.31828	0.7095503	1.07979	1.07979	0.754863	0.933068	-1.07173	1.74716	1.33049	0.688727	1
cg18579787	ZNF292	0.229039		0.440849	0.898833	-1.11354	0.831747	0.971308	-1.0554	0.0511899	0.984834	-1.0154	0.110756	1.26441	1.26441	0.294953	1.16023	1.16023		0.104972	1.2433	1.2433	0.488371	1.14886	1.10086	0.0991655	1.28022	1.28022	0.0485498	1.36114	1.36114	1.70744	0.509164	0.263572	1
cg15643032	CYLD;CYLD;CYLD	0.229039		0.475222	0.930272	-1.07495	0.204783	0.875298	-1.14247	0.432062	0.923285	-1.08309	0.513104	1.06825	1.06825	0.806874	0.975914	1.02468		0.1475561	1.85669	-1.16728	0.170714	0.864836	-1.15629	0.662242	0.811441	-1.23238	0.133564	1.17478	1.17478	1.71714	0.269486	0.139501	1
cg14965968	KIF15;KIF15;KIAA1143	0.229042		0.331338	0.796357	-1.25572	0.552279	1.14637	1.14637	0.386876	1.22325	1.22325	0.416972	0.828233	-1.20735	0.4654704	0.841393	-1.18851		0.736776	1.07966	1.07966	0.031717	0.4974435	-2.01031	0.227912	0.750106	-1.33315	0.662885	0.90515	-1.10479	1.71713	1.4037	0.72664	1
cg06526997	IQCK	0.229043		0.59353	0.763309	-1.31009	0.0370834	0.949391	-1.05262	0.0126241	0.604955	-1.65301	0.0236339	0.319284	0.319284	0.0196026	0.0413	-24.1935		0.67373	0.9884	-1.01159	0.9294	0.7178448	1.39284	0.0117304	0.7854	-1.27325	0.0117308	0.6857	-1.45819	1.71713	0.8372	0.53358	1
cg00844221	IGFBP7	0.229048		0.85604	1.063	1.063	0.0745807	0.512584	-1.9509	0.176704	0.616826	-1.6212	0.0546066	0.480195	-2.08249	0.756371	0.90059	-1.11038		0.533507	0.808823	-1.23636	0.0401448	0.450298	-2.22075	0.529727	0.807195	-1.23886	0.667431	1.15654	1.15654	1.71711	3.07837	1.59357	1
cg23906876	OCIC2	0.229048		0.98134	0.990987	-1.00605	0.8986524	1.03106	1.03106	0.307704	1.36161	1.36161	-1.30557	0.8243138	1.26986	-1.29873	0.955907	0.6274412	-1.47621		0.0199502	0.468382	-2.04758	0.0164846	0.1484473	-6.69019	0.496001	0.63181	-1.58276	0.292621	0.483703	-2.06758	1.72119	12.0345	6.22956	1
cg24580076	C7orf20	0.229051		0.30799	0.438958	-2.27812	0.103315	0.249016	-4.0158	0.860978	1.13737	1.13737	0.325244	2.20914	2.20914	0.287445	0.5669383	1.75444		0.711162	0.748102	-1.33672	0.0907	0.1024124	0.982751	0.124888	0.52	1.92315	0.124888	0.163181	1.71709	1.71709	16.5568	8.57096	1
cg19710326	DTNB;DTNB;DTNB;DTNB;DTNB	0.229055		0.118752	0.652995	-1.53141	0.911504	1.02838	1.02838	0.0469354	0.564169	-1.77252	0.888877	1.03581	1.03581	0.63207	0.885668	-1.12909		0.708457	1.09915	1.09915	0.181151	1.42947	1.42947	0.439233	1.21963	1.21963	0.137672	0.668745	-1.49534	1.71707	1.72257	0.891732	1
cg07780694	SCLY	0.229056		0.6640884	1.16475	1.16475	0.229127	0.7357	-1.35922	0.4738	0.76585	-1.30706	0.303275	0.529082	1.52508	0.2509197	0.36565	-2.73431		0.850284	0.874499	-1.14353	0.433159	0.5668367	-1.76408	0.68667	1.33347	1.33347	0.218416	1.39903	2.50608	0.72717	1.63872	0.99034	1
cg22306015	SPTBN2	0.229062		0.541663	0.621651	-1.60862	0.0580807	0.197559	0.19759	0.277313	2.38539	2.38539	0.434038	0.541062	-1.84822	0.0371259	0.155347	-6.43721		0.560197	0.635551	-1.57344	0.772342	0.7099946	-1.25008	0.943826	1.05572	1.05572	0.923467	0.928731	-1.07674	1.71705	1.16308	0.33515	1
cg10105038	INSM1	0.229063		0.440849	0.898833	-1.11354	0.831747	0.971308	-1.0554	0.0511899	0.984834	-1.0154	0.110756	1.26441	1.26441	0.294953	1.16023	1.16023		0.104972	1.2433	1.2433	0.488371	1.14886	1.10086	0.0991655	1.28022	1.28022	0.0485498	1.36114	1.36114	1.70744	0.509164	0.263572	1
cg18664667	ATXN7L1;ATXN7L1	0.229067		0.616819	0.786165	-1.272	0.341253	1.59631	1.59631	0.265376	1.73941	1.73941	0.582623	0.76744	-1.30303	0.0837736	0.401464	2.49088		0.744676	0.855691	-1.16865	0.052856	0.350121	-2.85615	0.11513	0.441759	-2.26368	0.908588	1.05631	1.05631	1.71703	1.08158	3.20196	1
cg26277197	EGFR;EGFR;EGFR;EGFR	0.229067		0.0870903	0.654135	-2.21516	0.0292956	0.339299	-2.94725	0.324636	0.656453	-1.52334	0.574172	1.26999	1.26999	0.107882	0.523017	-1.91198		0.559816	0.780188	-1.28174	0.133909	0.506371	-1.97484	0.983444	1.00856	1.00856	0.764851	1.1346	1.1346	1.71701	1.40185	2.49474	1
cg15546071	CCNT2;CCNT2	0.229072		0.266382	0.769704	-1.29942	0.0744875	0.115307	-8.67305	0.0114788	0.0775736	-12.8959	0.0114316	0.7010552	-1.42636	0.0017002	0.0068625	-14.5706		0.365	1.11678	1.11678	0.179079	0.3925	1.14027	0.0746611	0.631205	-1.58427	0.17501	1.46387	0.757942	-1.31925	1.71701	1.46387	0.757942	1
cg00776160	HIST2H2AA3;HIST2H2AA4	0.229073		0.0874321	0.678228	-1.47443	0.257013	1.27562	1.27562	0.352572	1.21756	1.21756	0.908971	0.976739	-1.02382	0.30678	0.804349	-1.24324		0.922272	1.02029	1.02029	0.342983	0.723288	-1.38258	0.186721	0.749752	-1.33377	0.0946797	0.685249	-1.45932	1.717	1.1515	0.596129	1
cg12994587	TEF;TEF	0.229074		0.758055	1.05737	1.05737	0.4766	1.15293	1.15293	0.153284	1.15324	1.15324	0.210711	1.26888	1.26888	0.548784	1.11578	1.11578		0.112456	1.16105	1.16105	0.0115	0.0001	1.08736	0.7899	0.0004966	0.0001	1.08736	1.24253	0.0464066	1.08736	1.24253	0.0464066	1.71697	1.08736	0.8865654	0.4549022	1
cg03124680	NAP1L4	0.229075		?	?	?	0.155005	4.9415	4.9415	0.931032	0.915166	-1.0927	?	?	?	0.727275	1.43199	1.43199		0.112456	1.16105	6.2075	0.0912739	7.1969	7.1969	0.891173	0.869168	-1.15052	0.203715	0.45936	0.45936	1.88353	23.1731	10.5455	1
cg09405238	EC2;EC2;EC2;EC2;EC2	0.229078		0.526329	0.649161	-1.54045	0.171538	2.66344	2.66344	0.0949184	3.43861	3.43861	0.620961	1.39857	1.39857	0.240241	0.437141	-2.28759		0.554832	0.668987	-1.4948	0.106712	3.27169	3.27169	0.416225	0.57167	-1.74926	0.269298	0.461064	-2.1689	1.76198	12.3159	6.376	1
cg13316877	FLJ44635;FLJ44635	0.229079		0.128051	0.997987	-1.00205	0.8986524	1.03106	1.03106	0.307704	1.36161	1.36161	-1.30557	0.8243138	1.26986	-1.29873	0.955907	0.6274412	-1.47621		0.684609	0.883805	-1.13176	0.0640144	0.337905	-2.95941	0.0635777	0.337465	-2.96327	0.0098111	0.817134	1.22373	1.71698	0.886654	0.4549022	1
cg04782288	ABHD2;ABHD2	0.229081		0.868618	0.944567	-1.05869	0.6697203	0.20112	2.0112	0.87684	0.947977	-1.05488	0.384416	1.35963	1.35963	0.159638	0.575874	-1.73649		0.408247	1.3828	1.33828	0.43685	0.760914	-1.31421	0.0542172	0.12254	2.12254	0.703013	1.14106	1.14106	1.76196	3.2269	1.6706	1
cg08129327	COMMD9;COMMD9	0.229083		0.264796	1.18504	1.18504	0.0456405	0.5626	-1.77746	0.0815	1.11851	1.11851	0.557763	1.1769	1.1769	0.0424655	0.6455	-1.54939		0.67373	0.9884	-1.01159	0.9294	0.7178448	1.39284	0.0117304	0.7854	-1.27325	0.0117308	0.6857	-1.45819	1.71713	0.8372	0.53358	1
cg22725986	GRPEL2	0.229084		0.200188	0.74722	-1.33829	0.957149	0.988496	-1.01164	0.403645	1.20204	1.20204	0.779924	0.941464	-1.06218	0.287823	1.26825	1.26825		0.659632	0.908973	-1.10014	0.152605	0.71899	-1.39084	0.0999746	1.47424	1.47424	0.0863111	0.664946	-1.50388	1.71696	1.26091	0.65279	1
cg09049219	HMGCL;HMGCL	0.229085		0.707054	0.810556	-1.23372	0.515548	1.32547	1.32547	0.0444	1.93086	1.93086	0.307057	0.833195	1.51068	-1.20039	0.0215318	-4.64393		0.0598104	0.94572	-1.05742	0.6223	0.5622115	1.02181	0.0900883	0.638886	1.56506	0.2873	1.6119	1.7139	1.71696	1.7023	0.916393	1
cg02722807	STRA8	0.229087		0.0690653	0.782774	-1.28284	0.308996	0.880772	1.13537	0.0532619	0.763379	1.30314	0.589938	0.960501	1.04158	0.0587027	0.760779	-1.30416		0.711162	0.748102	-1.33672	0.0907	0.1024124	0.982751	0.124888	0.52	1.92315	0.124888	0.163181	1.71709	1.71709	0.395371	0.204691	1
cg24860886	GRHL3	0.229091		0.174708	0.474361	-2.1081	0.148778	0.449324	-2.22556	0.049751	0.314654	-3.17809	0.429587	0.659308	-1.51674	0.0549164	0.324786	-3.07895		0.670995	1.247	1.247	0.117419	0.415386	-2.4074	0.228265	0.52032	-1.92189	0.952817	0.969893	-1.03104	1.71693	7.25753	3.75737	1
cg02310075	NDUFAF2	0.229093		0.219169	0.459121	-2.17705	0.0760396	0.136586	-7.32352	0.0883499	0.360366	-2.77506	0.0902516	0.174729	0.174729	0.0301653	0.1045	-9.57035		0.208204	0.449705	-2.22368	0.0378907	0.2025166	-4.94116	0.0317354	0.302507	-3.30617	0.0276502	0.521769	-1.91656	1.71691	0.86785	0.31083	1
cg20414185	TNXB	0.229104		0.0717307	0.309727	-3.22865	0.0339357	0.236149	-4.23461	0.0440048	0.259469	-3.85402	0.931463	1.05142	1.05142	0.372963	0.586743	1.70432		0.182431	0.438295	-2.28157	0.353311	0.573085	-1.74494	0.469114	0.650937	-1.53625	0.458156	0.64379	-1.5533	1.71688	2.23988	4.78382	1
cg18114628	INSR;INSR	0.229105		0.0474909	0.529409	-3.58056	0.381152	1.61991	1.61991	0.510181	0.698566	-1.4315	0.151043	0.43766	-2.28488	0.103656	0.384523	-2.60063		0.185609	0.4097	-2.12713	0.0983863	0.3378804	-2.64687	0.870046	1.09191	1.09191	0.671894	0.795503	-1.25707	1.7687	7.84132	4.05975	1
cg27372828	APP;APP;APP;APP;APP	0.229105		0.787535	1.90779	1.90779	0.0142219	0.430138	-2.32483	0.0233115	0.313832	-3.18623	0.202191	0.454749	2.20975	0.761285	-1.31557	0.247758		0.02103256	0.37346	-2.67766	0.1	0.3759033	0.713294	-1.40195	0.719734	0.878904	-1.13778	1.72346	3.11389	1.80977			
cg07115975	PTCH1;PTCH1	0.229111		0.559057	0.90422	-1.10596	0.0600194	0.711095	-1.40628	0.603095	0.919155	-1.08796	0.0747456	0.726885	-1.37573	0.234159	0.818382	-1.22192		0.449023	0.883398	-1.13199	0.0740851	0.726238	-1.37606	0.18742	0.798805	-1.25173	0.046696	0.7019501	-1.44196	1.71685	0.702221	0.363571	1
cg13794356	ONIG3	0.229113		0.0806309	0.812581	-1.23045	0.0484605	0.5626	-1.77746	0.0815	1.11851	1.11851	0.557763	1.1769	1.1769	0.0424655	0.6455	-1.54939		0.67373	0.9884	-1.01159	0.9294	0.7178448	1.39284	0.0117304	0.7854	-1.27325	0.0117308	0.6857	-1.45819	1.71713	0.8372	0.53358	1
cg20988098	ZDHHC14;ZDHHC14	0.229118		0.105651	1.56427	1.56427	0.0888556	0.621863	-1.60807	0.216951	0.719764	-1.38934	0.517625	1.18062	1.18062	0.305418	1.30816	1.30816		0.864166	1.04429	1.04429	0.857497	0.955524	-1.04655	0.441128	1.21997	1.21997	0.140899	0.669733	-1.49313	1.71682	1.74211	0.901982	1
cg01172603	ZNF788	0.229119		0.588319	0.760491	-1.30465	0.549075	0.743221	-1.34549	0.0113439	0.212359	-4.70457	0.21181	0.527079	-1.89725	0.103864	0.439733	-2.27411		0.0598104	0.94572	-1.05742	0.6223	0.5622115	1.02181	0.0900883	0.638886	1.56506	0.2873	1.6119	1.7139	1.71682	1.74211	0.901982	1
cg26893231	NOX4;NOX4	0.229123		0.630296	0.798714	-1.25201	0.162146	1.99712	1.99712	0.537613	1.33544	1.33544	0.247445	0.7507	-1.33206	0.0755226	0.7514	-1.33125		0.480451	0.719221	-1.39039	0.0710142	0.546493	0.329485	0.159424	0.936241	1.03777	1.03777	1.7168	5.83988	3.02366			
cg10605681	HLA-L	0.229127		0.981614	0.989445	-1.01067	0.0450377	2.88367	2.88367	0.404944	1.48049	1.48049	0.253384	1.732	1.732	0.362006	0.649572	-1.53948		0.536856	0.749794	-1.3337	0.345645	0.6393993	-1.56398	0.108612	2.23864	2.23864	0.223083	1.80309	1.80309	1.76878	5.76517	2.985	1
cg22319984	NDUFAF2	0.229131		0.0747401	0.663792	-1.50677	0.0264154	0.278614	-3.59014	0.0444585	0.362234	-2.76137	0.0873054	0.172123	0.172123	0.0299148	0.1463	-6.83595		0.680603	0.910202	-1.09847	0.314384	0.4568588	-2.18904	0.0778167	0.378907	-2.63966	0.0318755	0.6578	-1.52057	1.71682	1.11343	1.11343	0.0180256	1.4951	1.4951	1.76176	2.1124	1.12465	1
cg07816687	HSF4;HSF4;FBXL8	0.229133		0.152885	0.60956	2.60956	0.661846	1.31752	1.31752	0.886918	1.09325	1.09325	0.184737	0.414207	-2.41425	0.480387	0.637974	-1.56746		0.0306991	0.20383	-4.90604	0.224708	0.4240776	-2.23341	0.357752	0.5529	-1.80864	0.720562	1.25239	1.25239	1.76175	1.0674	5.52672	1
cg20585500	GPHA2	0.229134		0.412559	0.7353	-1.35971	0.0997	0.7353	0.7353	0.0823737	1.88987	1.88987	0.446124	1.7353	1.7353	0.0823737	1.88987	1.88987		0.232912	0.7458	0.4431864	1.74466	1.74466	0.0236724	0.266124	0.858987

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(147T vs. N)	Fold-Change(147T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg13866077	AMOT;AMOT	0.229359	0.544207	1.33419	0.133419	1.0627402	2.6734	2.6734	0.174221	0.507244	1.97144	0.750461	1.15802	1.15802	0.08800023	0.426413	-2.34515												
cg01635475	GOLIM4	0.229361	?	?	?	0.5710081	0.815658	-1.226	0.0922898	0.517161	-1.93363	0.574147	0.817041	-1.22933	0.810126	0.91883	1.08834												
cg21672572	SYT9	0.229363	0.278806	1.44808	-2.23174	0.0382238	5.54101	5.54101	0.366623	1.93716	1.93716	0.614325	0.696116	-1.43654	0.08838867	0.261765	-3.82021												
cg10039160	NFASC;NFASC;NFASC;NFASC	0.229366	0.591051	0.730518	-1.36889	0.185969	0.444628	-2.25193	0.193975	0.453127	-2.21569	0.256477	0.503753	-1.9851	0.02260852	0.205087	-4.85723												
cg07742989	SENP6;SENP6;SENP6;SENP6	0.229371	0.775609	0.953954	-1.04827	0.216189	1.23946	1.23946	0.116146	1.33251	1.33251	0.443497	1.13754	1.13754	0.241234	1.22428	1.22428												
cg24447680	HSPG2	0.229373	0.572303	0.865468	-1.15544	0.379044	1.25674	1.25674	0.978367	0.993158	-1.00688	0.411775	0.808552	-1.23678	0.09029209	0.623337	-1.60427												
cg06703222	NFATS;NFATS;NFATS;NFATS;NFATS	0.229379	0.975869	1.01159	1.01159	0.19577	1.68425	1.68425	0.126904	1.87591	1.87591	0.645497	1.19304	1.19304	0.1636997	1.76183	1.76183												
cg02322277	TBX5;TBX5	0.229381	0.579145	0.799304	-1.25124	0.0396822	0.611155	-1.63935	0.0853246	0.994622	-1.00541	0.0266538	0.784851	1.27404	0.2784852	0.896938	0.949473	-1.05321												
cg25698541	WBP11;C12orf60;WBP11	0.229382	0.282814	0.755995	-1.32276	0.108268	1.56141	1.56141	0.985913	1.00443	1.00443	0.13252	0.66574	1.50209	0.6838829	0.836672	-1.19521												
cg23709838	SLC35A2;SLC35A2;SLC35A2	0.229391	0.616759	0.682993	-1.46414	0.188363	0.348809	-2.86689	0.338314	0.474333	-2.10822	0.0142246	0.82796	1.82796	0.6880776	1.35657	1.35657												
cg24642236	MEF2D	0.229395	0.858906	0.969777	-1.03201	0.816384	1.3411	1.3411	0.213764	1.26094	1.26094	0.617682	1.13983	1.13983	0.4695596	1.13917	1.13917												
cg01033500	TMEM115	0.229394	0.35174	0.701186	-1.42616	0.762684	0.893886	-1.11871	0.0951835	1.97218	1.97218	0.642296	0.840912	-1.18919	0.05987456	0.545547	-2.19553												
cg26344829	XIRP1	0.229399	0.11168	0.794739	-1.31791	0.622752	0.024031	-1.08222	0.107429	0.755809	-1.32309	0.633896	1.07945	1.07945	0.907196	1.02186	1.02186												
cg16481170	KIAA2022	0.229404	0.0873986	0.393004	-2.54405	0.0185515	0.242602	-4.12197	0.923382	0.955507	-1.04876	0.918831	1.05174	1.05174	0.5716	1.20581	-1.327												
cg14943827	NDUFS8	0.229411	0.26837	1.27072	1.27072	0.172527	1.35219	1.35219	0.0191282	1.80269	1.80269	0.96252	1.00981	1.00981	0.4831282	0.862337	-1.15959												
cg13211181	FLTD1	0.229412	0.231292	1.49004	-2.19347	0.952855	0.963666	-1.0377	0.381287	1.54005	1.54005	0.776914	1.39238	1.39238	0.2832039	1.30405	-1.26027												
cg27644327	BACH2;BACH2 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.22942	0.318509	0.751323	-1.33099	0.241792	0.711932	-1.40463	0.239994	0.71092	-1.40663	0.592182	0.860744	-1.16179	0.327114	0.755367	1.32386												
cg20647257	PRKAR1B;PRKAR1B	0.229425	0.484573	0.641851	-1.62641	0.108703	3.31355	3.31355	0.913134	0.928003	-1.07758	0.706985	1.2951	1.2951	0.05467549	0.224949	-4.44546												
cg11680026	USP35	0.229427	0.233111	0.691864	-1.44537	0.594287	0.853512	-1.17163	0.866133	0.951506	-1.05097	0.164873	0.646269	-1.54734	0.04145458	0.500166	-1.99934												
cg03306221	SULT4A1	0.229433	0.685375	0.885552	-1.12924	0.0280648	2.27922	2.27922	0.407065	1.28601	1.28601	0.122384	1.64304	1.64304	0.71911	0.8084419	-1.11307												
cg04336659	HIBADH	0.229432	0.154227	0.833722	-1.19944	0.794592	0.969369	-1.0316	0.0510526	1.30337	1.30337	0.409147	1.1085	1.1085	0.1764176	1.1878	1.1878												
cg27836512	LOAL538P	0.229437	0.304575	0.705342	-1.41936	0.623751	0.319518	-1.16537	0.688127	0.924813	-1.08153	0.732495	1.24813	1.24813	0.2792585	1.15576	1.15576	0.287171	1.15576	0.5449441	-1.83506								
cg18579875	IGFBP5	0.229437	0.348472	1.59355	1.59355	0.971203	1.01758	1.01758	0.637387	0.79517	-1.25759	0.263901	1.75451	1.75451	0.01168211	0.218459	4.57752												
cg08702834	OMIT1	0.229439	0.885401	0.892564	-1.12037	0.0763248	4.73072	4.73072	0.0310536	1.75156	1.75156	0.672496	0.715268	-1.39808	0.0199446	1.08245	1.08245												
cg03109914	PNPLA4	0.229444	0.265881	1.34234	-2.37647	0.952855	0.963666	-1.0377	0.381287	1.54005	1.54005	0.776914	1.39238	1.39238	0.2832039	1.30405	-1.26027												
cg18789918	SLITRK1;SLITRK1	0.229444	0.0275311	0.10861	-9.20728	0.154846	0.273399	-3.65766	0.643441	0.672318	-1.48739	0.743406	1.32281	1.32281	0.852187	1.17219	1.17219												
cg15770006	SLIT2	0.229445	0.247923	0.804033	-1.16223	0.326454	1.13438	1.13438	0.0225854	1.70558	1.70558	0.37556	0.547393	1.82671	0.07971	0.4346078	1.10936	1.10936												
cg26429856	GLT25D2	0.229448	0.647657	0.856498	-1.16755	0.836234	0.107338	0.153884	1.24626	1.24626	1.24626	0.112377	0.558448	-1.7894	0.0729213	0.509966	-1.96091												
cg09609212	STOML1	0.229445	0.127912	0.724012	-1.38119	0.225204	1.28394	1.28394	0.126771	0.723197	-1.38275	0.945783	1.01343	1.01343	0.284038	1.24405	1.24405												
cg21007788	ITPK1;ITPK1;ITPK1	0.229452	0.443634	0.805285	-1.65232	0.0240466	1.11963	1.11963	-1.0849	0.225241	0.449195	-2.2621	0.937371	1.05182	1.0711	0.8084419	-1.11307												
cg01685521	RTN1	0.229454	0.980274	0.992629	-1.00743	0.547537	1.19975	1.19975	0.11604	1.22108	1.22108	0.765716	1.09353	1.09353	0.8398803	1.0624	1.0624												
ch.19.17400112NF120	ZNF583	0.229455	0.216671	0.680697	-1.46903	0.179326	0.210655	-4.74213	0.0015501	0.452495	-2.21094	0.0371372	0.497197	2.01107	0.5053434	0.623626	-1.60353												
cg11779900	FOXK2	0.229457	0.686508	1.35188	1.35188	0.607185	0.680225	-1.4701	0.454037	0.567384	-1.76248	0.182693	2.85988	2.85988	0.890876	0.9030826	1.10739												
cg26342398	SSX2IP;SSX2IP;SSX2IP;SSX2IP;SSX2IP	0.229465	0.329305	0.772963	-1.29372	0.747075	1.08629	1.08629	0.707858	1.10108	1.10108	0.428664	1.22959	1.22959	0.9645534	0.9885691	-1.01144												
cg12448298	DPP10	0.229465	0.363261	0.779739	-1.28255	0.0743715	0.183702	1.38394	0.178835	0.244831	-4.0272	0.181865	0.205315	3.88382	0.07925882	0.4226361	-2.36655	0.0763865	-13.0913	0.255095	3.923808	-3.9199	0.284583	13.3942				
cg13669476	MIR548F5;DCLK1	0.229466	0.214995	0.656463	-1.52331	0.0645851	1.95313	1.95313	0.283165	0.697969	-1.43273	0.195523	0.643107	-1.55495	0.434042	0.773056	-1.29357												
cg11496291	MAD1L1;MAD1L1;MAD1L1	0.229472	0.329733	0.803161	-1.24509	0.561516	0.29986	0.753618	0.0760832	0.107642	0.07644	0.233113	1.12574	1.12574	0.1885464	0.824275	-1.5326												
cg20536981	DLC1	0.229473	0.758738	0.92112	-1.08328	0.348232	0.778196	-1.28502	0.257113	0.735565	-1.3595	0.243171	0.72853	-1.37263	0.532243	1.17854	1.17854												
cg27092975	SHANK2	0.229475	0.408976	0.882468	-1.13319	0.632486	1.07394	1.07394	0.0380601	0.700465	-1.42762	0.791915	1.05492	1.05492	0.848127	0.972013	-1.02879												
cg20344109	ATP1OA	0.229482	0.78168	0.942984	1.06248	0.316431	0.12932	0.206	0.0268545	0.118443	0.11443	0.0178232	1.37529	1.37529	0.8819552	0.9648405	-1.03674	0.0407348												
cg19741688	SMOC1;SMOC1	0.229482	0.319742	0.542094	-1.8447	0.406946	0.603384	-1.65732	0.944605	1.04225	1.04225	0.274648	0.508195	-1.96775	0.6767483	0.709668	1.32927												
cg00193016	KLRC2	0.229483	0.750807	0.923899	-1.08255	0.942784	0.341347	0.216494	0.732098	0.919955	1.08697	0.732098	1.19004	1.19004	0.1480262	0.844223	-1.18422	0.0384664	-1.10042	0.1127755	0.6802777	-1.46999	0.0383715	2.0411	2.0411	0.4847171	1.183737	0.777525	
cg09201264	C20orf27;C20orf27	0.229486	0.178271	0.782754	-1.27754	0.278911	1.21263	1.21263	0.532431	1.11437	1.11437	0.201952	1.25952	1.25952	0.437605	1.14522	1.14522												
cg03134109	SGPP2	0.229487	0.191726	0.7894	3.99247	0.897085	0.673054	-1.1454	0.182662	0.405526	0.405526	0.0955291	0.97033	0.97033	0.541024	0.941938	-1.84523												
cg12305265	KCTD9;CDCA2;CDCA2	0.229489	0.261831	1.3405	1.3405	0.107403	0.560672	-1.78434	0.0156027	0.46914	0.46914	0.0114983	1.48967	1.48967	0.4694	1.08138	1.08138												
cg01819759	RNF219	0.229498	0.181226	0.38658	3.28658	0.557952	0.608543	-1.64327	0.213632	0.99736	0.99736	0.0340737	0.125762	-7.95155	0.523323	0.581459	-1.71981												
cg19378330	ABCC2	0.229499	0.317504	0.802485	-1.24611	0.0402466	0.115963	-8.3589	0.225241	0.449195	-2.2621	0.937371	1.05182	1.05182	0.1546674	1.10934	1.10934	0.2171571	1.10934	0.7165613	1.12085	1.12085	0.53059	1.49057	0.2564	10.7266	15.5318	
cg01685521	RTN1	0.229454	0.980274	0.992629	-1.00743	0.547537	1.19975	1.19975	0.11604	1.22108	1.22108	0.765716	1.09353	1.09353	0.8398803	1.0624	1.0624												
ch.19.17400112NF120	ZNF583	0.229455	0.216671	0.680697	-1.46903	0.179326	0.210655	-4.74213	0.0015501	0.452495	-2.21094	0.0371372	0.497197	2.01107	0.5053434	0.623626	-1.60353												
cg11779900	FOXK2	0.229457	0.686508	1.35188	1.35188	0.607185	0.680225	-1.4701	0.454037	0.567384	-1.76248	0.182693	2.85988	2.85988	0.890876	0.9030826	1.10739												
cg26342398	SSX2IP;SSX2IP;SSX2IP;SSX2IP;SSX2IP	0.229465	0.329305	0.772963	-1.29372	0.747075	1.08629	1.08629	0.707858	1.10108	1.10108	0.428664	1.22959	1.22959	0.9645534	0.9885691	-1.01144												
cg12448298	DPP10	0.229465	0.363261	0.779739	-1.28255	0.0743715	0.183702	1.38394	0.178835	0.244831	-4.0272	0.181865	0.205315	3.88382	0.07925882	0.4226361	-2.36655	0.0763865	-13.0913	0.255095	3.923808	-3.9199	0.284583	13.3942				
cg13669476	MIR548F5;DCLK1	0.229466	0.214995	0.656463	-1.52331	0.6545851	1.95313	1.95313	0.283165	0.697969	-1.43273	0.195523	0.643107	-1.55495	0.434042	0.773056	-1.29357												
cg11496291	MAD1L1;MAD1L1;MAD1L1	0.229472	0.329733	0.803161	-1.24509	0.561516	0.29986	0.753618	0.0760832	0.107642	0.07644	0.233113	1.12574	1.12574	0.1885464	0.824275	-1.5326												
cg20536981	DLC1	0.229473	0.758738	0.92112	-1.08328	0.348232	0.778196	-1.28502	0.257113	0.735565	-1.3595	0.243171	0.72853	-1.37263	0.532243	1.17854	1.17854												
cg27092975	SHANK2	0.229475	0.408976	0.882468	-1.13319	0.632486	1.07394	1.07394	0.0380601	0.700465	-1.42762	0.791915	1.05492	1.05492	0.848127	0.972013	-1.02879												
cg20344109	ATP1OA	0.229482	0.78168	0.942984	1.06248	0.316431	0.12932	0.206	0.0268545	0.118443	0.11443	0.0178232	1.37529	1.37529	0.8819552	0.9648405	-1.03674	0.0407348												
cg19741688	SMOC1;SMOC1	0.229482	0.319742	0.542094	-1.8447	0.406946	0.603384	-1.65732	0.944605	1.04225	1.04225	0.274648	0.508195	-1.96775	0.6767483	0.709668	1.32927												
cg00193016	KLRC2	0.229483	0.750807	0.923899	-1.08255	0.942784	0.341347	0.216494	0.732098	0.919955	1.08697	0.732098	1.19004	1.19004	0.1480262	0.844223	-1.18422	0.0384664	-1.10042	0.1127755	0.6802777	-1.46999	0.0383715	2.0411	2.0411	0.4847171	1.183737	0.777525	
cg09201264	C20orf27;C20orf27	0.229486	0.178271	0.782754	-1.27754	0.278911	1.21263	1.21263	0.532431	1.11437	1.11437	0.201952	1.25952	1.25952	0.437605	1.14522	1.14522												
cg03134109	SGPP2	0.229487	0.191726	0.7894	3.99247	0.897085	0.673054	-1.1454	0.182662	0.405526	0.405526	0.0955291	0.97033	0.97033	0.541024	0.941938	-1.84523												
cg12305265	KCTD9;CDCA2;CDCA2	0.229489	0.261831	1.3405	1.3405	0.107403	0.560672	-1.78434	0.0156027	0.46914	0.46914	0.0114983	1.48967	1.48967	0.4694	1.08138	1.08138												
cg01819759	RNF219	0.229498	0.181226	0.38658	3.28658	0.557952	0.608543	-1.64327	0.213632	0.99736	0.99736	0.0340737	0.125762	-7.95155	0.523323	0.581459	-1.71981												
cg19378330	ABCC2	0.229499	0.317504	0.802485	-1.24611	0.0402466	0.115963	-8.3589	0.225241	0.449195	-2.2621	0.937371	1.05182	1.05182	0.1546674	1.10934	1.10934	0.2171571	1.10934	0.7165613	1.12085	1.12085	0.53059	1.49057	0.2564	10.7266	15.5318	
cg18776456	RGS8;RGS8	0.229501	0.617412	0.850628	-1.1756	0.82528	0.37361	0.173661	0.935002	1.02655	1.02655	0.0923361	1.88325	1.88325	0.038699	2.15786	2.15786												
cg27035207	NUP43	0.229503	0.378134	0.544579	-1.8363	0.0929536	3.4635	3.4635	0.459378	1.65916	1.65916	0.750817	1.22875	1.22875	0.752791	1.23659	1.23659												
cg00124202	NHSL1;NHSL1	0.229505	0.244074	0.644776	-1.55093	0.319339	0.965321	-1.03593	0.154564	0.647642	-1.38647	0.694944	0.867691	-1.15248	0.1839619	1.06534	1.06534												
cg00577841	KLHL31	0.229507	0.419845	1.29061	1.29061	0.128764	0.68549	-1.68549	0.101767	1.76764	1.76764	0.123266	0.588054	-1.70053	0.903725	1.03027	1.03027												
cg02361612	CDH22	0.229509	0.775719	0.951855	-1.05107	0.315119	1.08139	1.08139	0.0879529	1.13452	1.13452	0.256316	0.88504	-1.12977	0.3838382	0.7825602	-1.27786	0.0384664	-1.10042	0.1127755	0.6802777	-1.46471	0.0382664	2.0261	2.0261	0.4855102	1.180737	0.775736	
cg04171554	SGTA	0.229509	0.24356	1.66761	1.66761	0.12752	1.995	1.995	0.220339	0.582704	-1.71614	0.579809	0.791054	-1.26414	0.0776436	2.27496	2.27496												
cg26061772	CASC1	0.229511	0.0252333	0.564122	-1.77207	0.268137	1.30897	1.30897	0.340068	0.794923	-1.25798	0.170164	0.711049	-1.40637	0.4489308	0.8351563	-1.19737												
cg20061812	SLC9A4	0.229513	0.619308	0.75151	-1.33053	0.412291	0.620045	-1.61279	0.0986115	0.356048	-2.80861	0.674836	0.310952	-3.21593	0.0937348	0.34962	-2.86025												
cg03164381	NCRNA00111	0.229518	0.205305	1.72655	1.72655	0.30904	0.650345	-1.53765	0.165337	0.546198	-1.83084	0.800844	0.901855	-1.10883	0.689421	1.17842	1.17842												
cg14870156	PLA2G4D	0.229519	0.0403205	0.507725	-1.96999	0.243524	0.145524	-6.87203	0.0156027	0.46914	0.46914	0.0114983	1.48967	1.48967	0.4694	1.08138	1.08138												
cg24679043	TRIM10;TRIM10	0.229519	0.24648	0.609011	-1.64201	0.882097	0.941521	-1.06211	0.275299	0.628503	-1.59108	0.203931	0.577734	-1.7309	0.0366414	0.370248	-2.70089												
cg16620283	SNORD118;NOP58	0.229524	0.0176194	0.560608	-1.78402	0.0284258	0.183448	0.864263	0.0180008	0.0178089	0.0102057	-97.9234	0.0406018	0.938402	0.0001	1.06534	1.06534												
cg10075405	WDR20	0.229529	0.236892	0.772549	-1.29442	0.704422	1.0826	1.0826	0.0394615	1.64222	1.64222	0.693785	0.920902	-1.08589	0.598169	0.89516	-1.11712												
cg18288193	MGAT1;MGAT1 SORBS2;SORBS2;SORBS2;SORBS2;SORB	0.229534	0.046371	0.236992	-4.21956	0.224744	0.447281	-2.23573	0.416773	0.68814	1.68814	0.671482	0.764017	-1.30887	0.107673	0.33032	-3.02737												
cg21465231	S2;SORBS2	0.229535	0.490077	0.703375	-1.42172	0.958519	1.02645	1.02645	0.927085	0.955101	-1.04701	0.129767	2.27373	2.27373	0.757368	1.16827	1.16827												
cg04705094	C16orf71	0.229538	0.573025	0.789195	-1.26728	0.515334	0.898396	-1.11212	0.683634	0.898398	-1.07712	0.728488	1.26523	1.26523	0.1008533	0.7915238	-1.17062												
cg25182066	MAP3K8	0.229539	0.0936009	0.24022	2.43022	0.240111	1.48171	1.48171	0.934396	1.04044	1.04044	0.828921	1.10983	1.10983	0.514376	1.0414	1.0414												
cg03287936	NECAB2	0.229539	0.881173	1.10723	1.10723	0.190996	2.56743	2.56743	0.0537156	0.44497	0.44497	0.683536	1.32195	1.32195	0.148561	0.34812	-2.87257												
cg00681913	LHX4	0.229541	0.904834	0.986312	-1.01387	0.925424	2.88249	2.88249	0.0011326	0.188099	0.188099	0.0011326	0.064677	15.4622	0.0001326	0.078721	-12.7011	0.0001326	0.078721	-12.7011	0.0001326	0.078721	-12.7011	0.0001326	0.078721	-12.7011	0.0001326	0.078721	-12.7011
cg24079702	FHL2;FHL2;FHL2;FHL2	0.229541	0.117429	0.55167	0.55167	0.993816	0.01367	0.01367	0.54921	2.23504	2.23504	0.437629	2.85938	2.85938	0.4208227	2.97837	2.97837												
cg08932994	SUGT1L1	0.229543	0.0926426	0.488892	-2.04598	0.177775	0.574752	-1.73988	0.154488	0.526668	-1.89873	0.137186	0.682188	-1.46587	0.0431112	0.6992	-1.43027												
cg17004208	MPPED2	0.229543	0.552392	1.21963	1.21963	0.0118174	2.82463	2.82463	0.34665	1.37728	1.37728	0.477699	0.787849	-1.26928	0.6194556	1.17983	1.17983												
cg00055764	RIMBP2	0.229545	0.336803	0.33689	-2.96833	0.512975	2.07286	2.07286	0.580093	1.84771	1.84771	0.802474	0.759299	-1.31701	0.053983	0.6904238	-11.059												
cg14490972	POLR1C;YIF3;POLR1C;POLR1C;POLR1C	0.229547	0.291565	0.855253	-1.16925	0.0230727	1.47436	1.47436	0.264651	1.1807	1.1807	0.729253	0.951569	-1.0509	0.177994	1.22691	1.22691												
cg27229664	KIAA0513	0.229555	0.586753	1.16125	1.16125	0.259726	0.785	0.785	0.0624394	1.65625	1.65625	0.282334	0.604822	-1.65312	0.0018192	0.2470185	-4.0488												
cg07118596	MRPS35	0.229554	0.679756	1.17548	1.17548	0.649121	0.836594	-1.19532	0.9505	1.02448	1.02448	0.110234	1.96994	1.96994	0.5908222	1.23541	1.23541												
cg08495666	VPS26B	0.229555	0.809255	1.05931	1.05931	0.492154	0.161488	0.161488	0.0306689	0.548645	-1.81935	0.214997	1.32356	1.32356	0.1029147	0.9716	1.03004												
cg07258149	SH3RF3	0.229563	0.145276	1.10784	1.10784	1.102554	1.24572	1.24572	0.241001	1.10391	1.10391	0.151802	1.20786	1.20786	1.792723	1.03292	1.03292												
cg15507776	TMEM22;TMEM22;TMEM22;TMEM22	0.229563	0.931959	0.971993	-1.02881	0.8947	0.956905	-1.04504	0.554184	1.22022	1.22022	0.274818	1.4593	1.4593	0.394382	1.34705	1.34705												
cg05629606	COL6A2;COL6A2;COL6A2	0.229568	0.672491	1.11539	1.11539	0.276657	0.747811	-1.33724	0.372086	0.790285	-1.26537	0.993924	0.998046	-1.00196	0.414283	0.807077	-1.23904												
cg10436830	GPC4	0.229572	0.0882877	0.747973	-1.33676	0.462067	0.560487	-1.78411	0.0178185	0.312581	-3.19852	0.0179682	0.140376	7.12202	0.0179682	0.1409554	7.09362	0.0179682	0.1409554	7.09362	0.0179682	0.1409554	7.09362	0.0179682	0.1409554	7.09362	0.0179682	0.1409554	7.09362
cg26168097	HLA-DOA	0.229573	0.94758	0.953147	-1.04909	0.624247	0.184535	0.184535	0.111151	0.111151	0.111151	0.0123693	0.111151	0.111151	0.0823693	0.111151	0.111151	0.0823693	0.111151	0.111151	0.0823693	0.111151	0.111151	0.0823693	0.111151	0.111151	0.0823693	0.111151	0.111151
cg04675427	C1RL	0.229576	0.0630109	0.136008	-7.3525	0.593919	0.59848	-1.6709	0.43752	0.46948	-2.13002	0.253917	0.297302	-3.36359	0.0338191	0.0940492	-10.6327												
cg04451972	MARVELD2;MARVELD2	0.229578	0.756717	0.894202	-1.11846	0.0510356	0.41102	0.411102	-1.35911	0.112131	-1.18876	0.846347	1.15351	1.15351	0.4449522	1.13911	1.13911	0.4490911	1.13911	0.7165613	1.12085	1.12085	0.53059	1.49057	0.2564	10.7266	15.5318	
cg07091621	SH3BP2;SH3BP2;SH3BP2;SH3BP2	0.229588	0.0893704	0.589664	-1.78903	0.629535	1.13136	1.13136	0.0754498	1.8489	1.8489	0.932356	1.02671	1.02671	0.206566	0.661201	1.5124			

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	F(Error)
cg17470585	KCND3;KCND3		0.229743	0.840963	0.960331	1.04131	0.376719	0.830007	1.20481	0.45627	1.16865	1.16865	0.789076	1.05636	0.515507	1.14202	1.14202		0.619324	1.10845	1.10845	0.0880085	1.98394	1.98394	0.47818	0.862335	-1.15964	0.717801	1.0774	1.0774	1.17425	1.14547	0.593062	1
cg16196728	LRTM2;KLRTM2;CACNA2D4;LRTM2		0.229743	0.428685	0.630566	-1.58588	0.67609	0.786774	-1.27101	0.044261	0.267445	-3.77908	0.052727	0.28358	-3.52634	0.0626659	0.302532	0.30543		0.759444	1.1916	1.1916	0.140333	0.404388	-2.47287	0.475698	0.663036	-1.51278	0.884141	0.920148	-1.08678	0.714224	0.84438	4.58579	1
cg17107572	MEIS1		0.229747	0.113527	0.1897	-5.27249	0.432796	0.461742	-2.16571	0.842196	0.824961	-1.21218	0.263184	0.324315	-3.08342	0.209828	0.2792	-3.58166		0.348539	0.393904	-2.53869	0.020324	0.0671896	-14.8832	0.0805459	0.153961	-6.49514	0.148235	0.223766	-4.46895	0.174223	0.25999	13.1189	1
cg16268707	PCJPC;PC		0.229747	0.847751	0.80016	-1.12339	0.623702	1.34882	1.34882	0.134187	2.07779	2.07779	0.974548	1.0195	1.0195	0.0176706	1.76045	-1.86013		0.872825	1.1018	1.1018	0.151151	0.559488	-1.78735	0.956103	0.967235	-1.03387	0.304383	0.525133	-1.90357	0.17423	0.943883	5.15624	1
cg04844231	RALYL;RALYL;RALYL;RALYL		0.229748	0.747156	1.15413	1.15413	0.131055	2.05956	2.05956	0.0435811	2.79627	2.79627	0.376621	1.49492	1.49492	0.855989	1.08383	1.08383		0.0435965	2.796	2.796	0.00737198	2.45126	2.42926	0.220835	1.76894	1.76894	0.347541	1.53515	1.535115	0.71423	0.533179	0.76473	1
cg13372830	ARAF		0.229754	0.160726	0.267066	-3.74439	0.49885	0.58755	-1.70198	0.188208	0.33209	-3.01123	0.120201	0.560568	0.560568	0.241997	0.387288	-2.58199		0.0457161	0.169596	-5.89637	0.575291	0.6455022	-1.55033	0.364608	0.480966	-2.05776	0.508747	0.594072	-1.68075	0.7462	16.2892	8.44667	1
cg09544524	GPT		0.229755	0.397757	2.03329	2.03329	0.0379073	7.19104	7.19104	0.0430709	6.73821	6.73821	0.117215	4.03378	4.03378	0.388322	0.484494	-2.06401		0.871378	1.14203	1.14203	0.395155	2.04166	2.04166	0.496502	1.76099	1.76099	0.789842	1.24475	1.24475	1.7142	18.2375	9.457	1
cg15754109	COPS5;COPS5		0.229756	0.845171	0.955703	-1.04635	0.139776	1.44515	1.44515	0.291467	0.775949	-1.28875	0.627239	0.892787	-1.12009	0.497025	0.852576	-1.17292		0.50969	1.16765	1.16765	0.121812	0.677962	-1.47501	0.220315	0.741825	-1.34803	0.0812895	1.56492	1.56492	1.73418	1.45799	0.756044	1
cg19270099	P9;PARP9;PARP9;PARP9		0.22976	0.180659	0.562515	-1.77773	0.0710001	0.44203	-2.26229	0.0246995	0.338757	-2.95197	0.66678	0.435252	-2.29752	0.78422	0.894855	-1.1175		0.552598	0.784144	-1.27528	0.515619	0.765819	-1.30579	0.443212	0.72875	-1.37221	0.189961	0.570145	-1.75394	1.71417	4.44743	2.30622	1
cg04394631	CRHR1;CRHR1;CRHR1;CRHR1		0.229762	0.251418	0.940026	-1.75009	0.0781038	2.282	2.282	0.434151	1.44064	1.44064	0.836647	1.07905	1.05636	0.156356	0.521507	-1.14202		0.619824	1.10845	1.10845	0.0880085	1.98394	1.98394	0.47818	0.862335	-1.15964	0.717801	1.0774	1.0774	1.17425	1.14547	0.593062	1
cg10635092	ZFYVE28		0.229772	0.0633104	5.28897	5.28897	0.412063	1.9521	1.9521	0.734213	1.31233	1.31233	0.193249	3.00519	0.162325	0.304279	-3.28645		0.676853	1.04565	-2.4663	0.162968	3.27969	3.27969	0.525129	1.67126	1.67126	0.492849	0.573797	-1.74278	1.71413	17.2687	8.95496	1
cg19899122	TMS5P1;TMS5P1		0.229776	0.271433	0.586013	-1.70549	0.862947	0.923156	-1.08399	0.887443	0.936053	-1.06834	0.818264	1.13342	1.11342	0.0193831	0.267226	-3.74216		0.591017	1.18516	1.28816	0.0801991	0.404129	-2.47446	0.401462	0.48325	-2.06948	0.746892	1.33888	1.73411	5.91501	3.026796	1
cg11336178	GNMT		0.229779	0.974424	1.01318	1.01318	0.193147	0.569877	-1.75476	0.503077	0.757669	-1.31984	0.503541	1.31943	1.31943	0.956421	1.02257	1.02257		0.745555	1.1422	1.1422	0.133097	1.93804	1.93804	0.0373913	2.68149	2.68149	0.115773	2.00988	2.00988	1.73147	4.52662	2.34738	1
cg08188015	HLA-DRB5		0.229782	0.0314605	10.0209	10.0209	0.840609	1.20194	1.20194	0.478174	1.93219	1.93219	0.862979	1.22134	1.22134	0.963404	0.958957	-1.0428		0.768194	0.763402	-1.30993	0.195772	1.4892	1.4892	0.140303	4.25935	4.25935	0.0381204	8.98419	8.98419	1.70408	22.65	11.7458	1
cg11387591	PTPRU;PTPRU;PTPRU;PTPRU		0.229785	0.77963	1.06947	-1.10318	0.0295664	2.54236	2.54236	0.154681	1.76446	1.70446	0.945523	0.976362	-1.02421	0.212831	0.553704	-1.58302		0.0457161	0.169596	-5.89637	0.575291	0.6455022	-1.55033	0.364608	0.480966	-2.05776	0.508747	0.594072	-1.68075	0.7462	16.2892	8.44667	1
cg07135042	ZNF582		0.229787	0.291059	1.91063	1.91063	0.85145	1.11715	1.11715	0.0945432	2.96228	2.96228	0.140316	0.391622	-2.55349	0.137429	0.388353	-2.57378		0.485694	0.657952	-1.51987	0.293625	1.9036	1.9036	0.596505	1.37127	1.37127	0.224064	2.12709	2.12709	1.74007	9.47969	4.91602	1
cg14268557	TRIM27		0.229789	0.750538	1.12874	1.12874	0.76812	0.605169	-1.10912	0.650416	0.401108	-2.41792	0.429781	0.754034	-1.3162	0.894482	1.04758	1.04758		0.378262	1.37253	1.37253	0.314373	1.43972	1.43972	0.124538	1.79055	1.79055	0.323101	2.6984434	-1.43177	1.71405	3.33083	1.72733	1
cg13197560	MCF2L;MCF2L		0.229791	0.520336	0.637543	-1.56923	0.193134	0.85402	-1.17095	0.854402	0.267221	-3.74256	0.267221	0.241139	-4.14593	0.0138011	0.105377	-9.51577		0.0923593	0.186401	-5.36478		0.310248	0.44953	-2.22455	0.112377	0.867909	-1.37261	0.522238	0.60281	-1.65881	0.26788	0.415225	-2.40819	0.17405	15.7422	8.16375	1
cg26542792	LOC283404		0.229791	0.10962	0.5063	-1.97511	0.191556	0.583026	-1.71519	0.0570815	0.431688	-2.31649	0.0695211	0.452852	-2.20823	0.126333	0.524475	-1.90667		0.241981	0.620101	-1.61264	0.676919	0.849157	-1.17764	0.104409	0.500243	-1.99903	0.128475	0.526684	-1.89867	1.74045	4.13353	2.14361	1
cg08130837	FAM65A		0.229792	0.767887	1.15168	1.15168	0.0732067	1.08142	1.08142	0.0272394	2.07309	2.07309	0.443614	1.13557	1.13557	0.732752	1.19339	1.19339		0.665231	1.17503	1.17503	0.12668	0.587093	-1.70304	0.0315864	2.72927	2.77927	0.509415	1.28138	1.28138	1.74004	3.725777	1.93215	1
cg08775835	PRSS8;PRSS8		0.229796	0.0978391	0.873331	3.87331	0.0107631	10.3037	10.9037	0.482879	1.70186	1.70186	0.322391	2.14291	2.14291	0.815314	1.1906	1.1906		0.804076	0.830832	-1.20361	0.390837	1.92622	0.610329	1.46698	1.46698	0.211671	2.6672	2.6672	1.74043	15.0914	7.82635	1
cg11955541	PDE4DIP		0.229796	0.536626	1.12389	1.12389	0.585232	0.902253	-1.10834	0.374201	0.844139	-1.18596	0.503952	0.882551	-1.13316	0.0515126	0.573685	-1.74312		0.340077	0.586353	-1.70564	0.10667	0.3406633	0.0775371	-2.99006	0.110667	0.896353	1.74004	5.10067	1.73147	0.759231	0.480475	0.2	1
cg17579154	TBCD		0.229798	0.764194	1.12675	1.12675	0.112546	0.503949	-1.98433	0.10651	0.49701	-2.01203	0.938535	0.969871	-1.03106	0.708723	1.16051	1.16051		0.131201	0.523905	-1.90874	0.298022	0.651854	-1.53409	0.0829938	2.14135	2.14135	0.761967	1.8864691	-1.12807	1.74002	4.27167	2.21529	1
cg10328157	RPGRIP1		0.229798	0.168694	0.784662	-1.27443	0.175637	0.788111	-1.26886	0.398943	1.15349	1.15349	0.489728	1.12302	1.12302	0.0459872	0.685126	-1.45958		0.171846	0.786241	-1.27187	0.142204	0.730371	-1.29808	0.280389	0.830663	-1.20386	0.500427	0.893407	-1.11973	1.74002	0.742175	0.384892	1
cg17806437	DHD4		0.229803	0.21764	0.708324	-1.41153	0.0750594	0.61854	-1.6169	0.21648	0.768044	-1.30201	0.0729256	1.14707	1.14707	0.0139246	0.871727	-1.14703		0.146082	0.784004	-1.27506	0.0962435	0.856625	-1.16788	0.277389	1.19084	1.19084	0.175638	0.840802	0.336519	1.74002	0.448802	0.336519	1
cg22036813	UPF		0.229805	0.0828613	0.436432	-2.29131	0.0179566	0.804867	-1.24244	0.828186	1.09838	1.09838	0.224652	0.576581	-1.73436	0.214076	0.568505	-1.759		0.211675	0.566639	-1.76479	0.0314613	0.336458	-2.97214	0.0717975	0.41988	-2.38163	0.279047	0.615156	-1.6256	1.71399	5.05953	2.62391	1
cg08897666	IER5;IER5		0.229806	0.196292	0.802332	-1.30973	0.0855604	0.637409	-1.56917	0.657801	1.16984	1.16984	0.322313	0.408322	-2.44905	0.0207358	0.0207358	-11.4572		0.365157	0.749811	-1.3337	0.271127	0.634695	-1.57639	0.0477455	0.37435	-2.67091	0.0167495	0.136885	-7.30539	0.0137498	0.0139799	0.124	1
cg21912308	PRAF2		0.229806	0.190987	0.322135	-3.10429	0.309798	0.425426	-2.35557	0.248812	0.373720	-2.67574	0.30713	2.36766	2.36766	0.23076	0.351294	2.84662		0.0245835	0.107258	-9.32331	0.911877	1.09394	1.09394	0.705156	0.772791	-1.29401	0.502118	0.74168	1.74168	1.77944	18.1433	7.93028	1
cg14369777	DKC1;DKC1		0.229807	0.0663491	0.263625	-3.79327	0.454347	0.610532	-1.63791	0.781993	0.835605	-1.19574	0.329923	1.91734	1.91734	0.303295	1.99436	1.99436		0.0808684	0.285568	-3.50179	0.265411	0.471699	-2.12	0.766623	1.21252	1.21252	0.146933	0.365013	-2.73963	1.71398	11.3788	5.90117	1
cg09156140	C9orf34		0.229816	0.3141304	0.6	-1.66667	0.0917215	1.43719	-1.43719	0.127344	0.635549	-1.30967	0.414905	0.872527	-1.1461	0.922358	0.922358	-1.08407		1.02079	-1.0679	1.0679	0.760859	1.12184	1.12184	0.460607	1.05035	-1.05005	0.167921	1.27185	1.27185	1.71397	0.726776	0.376915	1
cg00483503	NAGS		0.229823	0.0396077	0.486479	-2.05559	0.586232	0.523707	-1.90946	0.129764	0.609226	-1.64143	?	?	?	0.306672	0.725832	-1.37773		0.686666	0.884453	-1.13064	0.378557	0.760679	-1.31462	0.6027	0.87556	-1.14213	0.500959	1.22977	1.22977	1.72043	2.2205	1.29066	1
cg00736183	ATP5D;ATP5D		0.229823	0.4895935	1.12389	1.12389	0.585232	0.902253	-1.10834	0.374201	0.844139	-1.18596	0.503952	0.882551	-1.13316	0.0515126	0.573685	-1.74312		0.340077	0.586353	-1.70564	0.10667	0.3406633	0.0775371	-2.99006	0.110667	0.896353	1.74004	5.10067	1.73147	0.759231	0.480475	0.2	1
cg02939292	SLC15A3;SLC15A3		0.229823	0.271343	0.524381	-1.90701	0.0204467	0.207068	-4.82933	0.0360988	0.253079	-3.95133	0.872115	1.09507	1.09507	0.359753	0.588129	-1.70031		0.150879	0.508485	-1.96663	0.643445	0.768918	-1.30053	0.475606	0.664349	-1.50523	0.964844	0.97546	-1.02516	1.71392	2.62613	4.47378	1
cg01435643	MCF2L;MCF2L		0.229826	0.613647	0.70318	-1.42211	0.78885	0.830553	-1.20402	0.291737	2.13122	2.13122	0.977263	1.02389	1.02389	0.141672	0.3352	-2.9833		0.281967	0.461446	-2.1671	0.0162932	0.131098	-7.6279	0.243958	0.430127	-2.32382	0.451821	0.588474	-1.69931	1.7139	12.9872	6.7356	1
cg00584815	C1orf123		0.229827	0.759664	1.09718	1.09718	0.528952	1.12677	1.12677	0.674324	1.36993	1.36993	0.313202	0.746007	-1.34059	0.0138011	0.105377	-9.51577		0.0923593	0.186401	-5.36478		0.310248	0.44953	-2.22455	0.112377	0.867909	-1.37261	0.522238	0.60281	-1.65881	0.26788	0.415225	-2.40819	0.17405	15.7422	8.16375	1
cg23878101	OSBPL2;OSBPL2		0.229832	0.211713	0.512079	-1.95282	0.992627	1.00467	1.00467	0.53371	0.727085	-1.37535	0.165924	2.13349	2.13349	0.169251	2.1092	2.1092		0.343165	0.64063	-1.56063	0.659057	1.25144	1.25144	0.0957517	0.391811	-2.55225	0.175087	0.479627	-2.08495	1.79932	7.02587	3.07115	1
cg19030846	PA2G4		0.229838	0.7193	1.09718	1.09718	0.528952	1.12424	1.12424	0.662857	1.42037	1.42037	0.206868	0.472543	-2.11628	0.0138011	0.105377	-9.51577		0.0923593	0.186401	-5.36478		0.310248	0.44953	-2.22455	0.112377	0.867909	-1.37261	0.522238	0.60281	-1.65881	0.26788	0.415225	-2.40819	0.17405	15.7422	8.16375	1
cg00011482	PAX9		0.229843	0.0801442	2.42147	2.42147	0.296674	0.612852	-1.63171	0.887483	0.937546	-1.06662	0.247131	0.576219	-1.73545	0.0191669	0.0191669	-11.5238		0.0245835	0.107258	-9.32331	0.911877	1.09394	1.09394	0.705156	0.772791	-1.29401	0.502118	0.74168	1.74168	1.77944	18.1433	7.93028	1
cg16185421	LRKC4;B3GNT4;LRKC4		0.229846	0.796798	1.06632	1.06632	0.712803	1.09637	1.09637	0.817575	1.05912	1.05912	0.190418	1.41208	1.41208	0.581026	1.1488	1.1488		0.0808684	0.285568	-3.50179	0.265411	0.471699	-2.12	0.766623	1.21252	1.21252	0.146933	0.365013	-2.73963	0.71398	11.3788	5.90117	1
cg03579472	HSPC157;HSPC157		0.229852	0.497887	1.12566	1.12566	0.585232	0.902253	-1.10834	0.374201	0.844139	-1.18596	0.503952	0.882551	-1.13539	0.0515126	0.573685	-1.74312		0.340077	0.586353	-1.70564	0.10667	0.3406633	0.0775371	-2.99006	0.110667	0.896353	1.74004	5.10067	1.73147	0.759231	0.480475	0.2	1
cg14983993	PNP		0.229853	0.248175	1.38671	1.38672	0.766323	0.922458	-1.08406	0.123387	1.57143	1.57143	0.270363	0.606063	1.65126	0.15129	0.169722	1.48604		0.0168128	0.20363	0.20363	0.70063	0.10122	0.101222	0.485419	0.825324	-1.21164	0.765259	1.08447	1.08447	1.71379	0.99076	1.03254	1
cg23252387	B3GALNT1;B3GALNT1;B3GALNT1;B3GA		0.229855	0.0891937	0.787942	-1.26913	0.334008	1.13508	1.13508	0.350504	1.12997	1.12997	0.534895	0.923199	-1.08319	0.99771	0.999635	-1.00037		0.301498	0.894368	-1.11811	0.110937	0.801856	-1.24711	0.373236	1.03742	1.03742	0.0934191	1.26444	1.26444	1.71378	0.438854	0.227621	1
cg24565274	LOC100126784;NAV2;NAV2;NAV2		0.229863	0.0623918	0.597037	-1.67497	0.0765405	0.953171	-1.04913	0.993265	1.07982	1.07982	0.369408	0.445416	-2.24509	0.167922	0.293735	-3.40463		0.30855	0.796516	-1.25507	0.170494	0.6004264	-1.66524	0.0926	0.9152	-1.09258	0.0983975	0.204343	-4.89372	1.71375	20.8516	10.8361	1
cg23193782	PTPN9;2;PTPN9;2;PTPN2		0.229872	0.230137	0.47291	-2.11498	0.20824	0.2036	-4.91167	0.0422	0.46392	0.46392	0.0406126	0.54626	-1.83095	0.0138011	0.105377	-9.51577		0.0923593	0.186401	-5.36478		0.310248	0.44953	-2.22455	0.112377	0.867909	-1.37261	0.522238	0.60281	-1.65881	0.26788	0.415225	-2.40819	0.17405	15.7422	8.16375	1
cg21754444	CARD10		0.229873	0.157628	0.657722	-1.5204	0.20033	0.687224	-1.45513	0.165643	0.663658	-1.5068	0.249081	0.716021	-1.39661	0.235472	0.708388	-1.41166		0.330061	0.756768	-1.32141	0.0328752	0.500564	-1.99775	0.837643	0.944696	-1.05854	0.270229	1.37482	1.37482	1.71371	2.08681	1.08241	1
cg14788448	ETS1		0.229877	0.0613014	0.543497	-1.84003	0.588868	0.862372	-1.15959	0.253569	0.726549	-1.37637	0.678619	0.880369	-1.13573	0.302794	0.745353	-1.3377		0.30783	0.796516	-1.25507	0.170494	0.6004265	-1.66559	0.0926	0.9152	-1.09257	0.0983975	0.204343	-4.89372	1.71375	20.8516	10.8361	1
cg03015899	AMDHD2;AMDHD2		0.229878	0.741538	1.0993	1.0993	0.184919	0.65022	-1.65022	0.704145	1.1153	1.1153	0.347353	0.758227	-1.31887	0.205935	0.682743	-1.46468		0.904415	0.966221	-1.03496	0.460919	1.23402	1.23402	0.0299346	0.481633	-2.07627	0.814537	1.06952	1.06952	1.71369	2.22055	1.1518	1
cg16457797	PPM1		0.229881	0.715207	1.17752	1.17752	0.115591	0.464322	-2.16719	0.226653	0.56253	-1.77768	0.16091	1.9682	1.9682	0.0139249	0.539844	-1.85274		0.380341	0.647222	-1.54521	0.0834557	0.755682	-1.32331	0.63043	0.803168	-1.24507	0.0107229	2.24801	2.24801	1.71368	5.48725	2.87815	1
cg02412387	DTWD2		0.229886	0.474551	1.14598	1.14598	-1.4598	0.940171	-1.06344	0.645002	0.916569	-1.09103	0.0444543	0.648283	-1.54254	0.0666042	0.666042	-1.50126		0.166464	1.08484	1.08484	0.0704537	1.45331	1.45331	0.0287151	2.82066	2.82066	1.71366	0.957103	0.426458	0.2	1
cg07091154	SHANK2		0.229891	0.987482	1.0488	1.0488	0.178089	0.55946	-1.55946	0.288158	1.40814	1.40814	0.913851	1.03417	1.03417	0.27458	1.42333	1.42333		0.332749	1.36379	1.36379	0.428412	1.28537	1.28537	0.0238304	0.432809	-2.31049	0.701788	1.1269	1.1269	1.7136	2.61687	1.35744	1
cg17549546	UBE2Q;AAANAT		0.229895	0.0429734	0.779729	0.779729	0.753838	0.673135	-1.72155	0.841822	1.1252	1.1252	0.232275	0.880727	-1.13591	0.0138011	0.105377	-9.51577		0.0923593	0.186401	-5.36478		0.310248	0.44953	-2.22455	0.112377	0.867909	-1.37261	0.522238	0.60281	-1.65881	0.26788	0.415225	-2.40819	0.17405	15.7422	8.16375	1
cg12004276	LMO2;LMO2		0.229905	0.0160592	0.142551	-7.01504	0.678107	0.758863	-1.31776	0.231088	0.435836	-2.29444	0.199131	0.407811	-2.45212	0.10707	0.312548	3.19951		0.742514	1.804167	-1.24352	0.0851985	0.284181	-3.51888	0.490128	0.629115	-1.58953	0.324303	0.510199	-1.96002	1.71358	11.8617	6.15304	1
cg02032448	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;		0.229912	0.446717	0.858443	-1.16436	0.781187	0.946831	-1.05616	0.229677	1.28056	1.28056	0.461664	0.864001	-1.15741	0.332398	0.821852	-1.21676		0.0620462	1.51017	1.51017	0.262704	1.25489	1.25489	0.240325	0.786977	-1.27068	0.180738	0.756656	-1.32161	1.71355	1.04475	0.541957	1
cg17502984	TTK;TTK		0.229913	0.891983	0.975737	-1.02487	0.323804	1.20228	1.20228	0.924442	0.982997	-1.0173	0.152473	1.31926	1.31926	0.24818	1.24388	1.24388		0.381974	0.850362	-1.17597	0.0376831	0.646739	-1.54622	0.391123	0.853127	-1.17216	0.388283	1.17333	1.17333	1.71355	0.886925	0.460086	1
cg15344854	SMARCAD1;SMARCAD1;SMARCAD1		0.229914	0.0138842	0.5	-2	0.0167731	0.679773	-1.47078	0.154184	0.981503	-1.01885	0.777762	0.912144	-1.09597	0.0145182	0.109507	-9.13315		0.30783	0.796516	-1.25507	0.170494	0.6004265	-1.66559	0.0926	0.9152	-1.09257	0.0983975	0.204343	-4.89372	1.71375	20.8516	10.8361	1
cg21196581	GPR160		0.229918	0.676267	1.10581	1.10581	0.365818	1.24923	1.24923	0.134506	1.47177	1.47177	0.108148	0.657182	-1.52165	0.474512	0.84014	-1.19028		0.907627	1.02819	1.02819	0.0421094	1.75214	1.75214	0.307372	1.28797	1.28797	0.558495	1.1524	1.15224	1.71352	1.55664	0.807503	1
cg10817093	GAUX17		0.229921	0.770288	1.04752	1.04752	0.229134	0.815379	-1.22643	0.387254	0.991213	-1.00921	0.134578	1.05435	1.05435	0.107172	0.758833	-1.31729		0.0162776	0.153245	-6.52321	0.0564567	0.2304	0.2304	-4.33898	0.0858285	-1.16703	0.0266668	0.845127	-1.18325	1.71352	0.960387	0.472003	1
cg03408359	ANO4		0.229923	0.928494	0.978136	-1.02235	0.867503	0.959711	-1.04198	0.359882	0.793071	-1.26092	0.527809	0.854266	-1.17059	0.423447	1.22306	1.22306		0.232114	0.36158	-2.76358	0.0609741	1.68222	1.68222	0.0310513	2.86531	1.86531	0.785168	1.06961	1.06961	1.7135	1.64615	0.853948	1
cg25972205	VIPR2		0.229923	0.0162013	0.613913	-1.6289	0.814745	0.96181	-1.03971	0.328172	1.18227	1.18227	0.248901	0.818782	-1.22131	0.41647	0.871299	-1.14771		0.983548	1.00343	1.00343	0.233555	1.23202	1.23202	0.829066	1.03652	1.03652	0.871614	0.973526	-1.02719	1.7135	0.746873	0.387444	1
cg11795921	GAUX17		0.229926	0.1506027	0.544425	-1.83702	0.0725338	1.2283	-1.358	0.41851	0.49431	-2.02378	0.195454	0.39775	-2.51433	0.0138011	0.105377	-9.51577		0.0923593	0.186401	-5.36478		0.310248	0.44953	-2.22455	0.112377	0.867909	-1.37261	0.522238	0.60281	-1.65881	0.26788	0.415225	-2.40819	0.17405	15.7422	8.16375	1
cg10180095	CNNM4		0.229928	0.665406	1.28454	1.28454	0.0788396	1.07457	1.07457	0.58977	1.36787	1.36787	0.612821	0.745516	-1.34135	0.708635	1.24114	1.24114		0.0624338	0.299132	3.343	0.0853109	0.334626	-2.98841	0.797097	1.15983	1.15983	0.60646	1.34857	1.34857	1.71349	8.98801	4.66262	1
cg19649172	INPP5A		0.229928	0.444784	0.624737	-1.60144	0.0402164	0.440164	-2.27152	0.0734458	0.401545	-2.49038	0.876661

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	Ratio(105T vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-111T 057 vs. N)	Ratio(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-112T 127 vs. N)	Ratio(112T vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-121T 217 vs. N)	Ratio(121T vs. N)	p-value(1347 vs. N)	Fold-Change(1-vs-134T 347 vs. N)	Ratio(134T vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-153T 537 vs. N)	Ratio(153T vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-537T 377 vs. N)	Ratio(537T vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-563T 637 vs. N)	Ratio(563T vs. N)	F(Error
cg00346148	LOC285375	0.230173	0.708224	1.48452	1.18432	0.797286	0.94608	-1.05699	0.0481948	0.614951	-1.62615	0.791183	0.195881	1.05851	0.530488	0.872118	-1.14663	0.127476	1.42603	1.42603	0.363021	1.56565	1.56565	0.773992	0.938883	-1.08249	1.17248	1.25767	0.652811	1
cg24365088	ATP2B2;ATP2B2	0.230173	0.793596	1.0486	1.0796461	1.6654	1.6654	1.312867	1.20798	1.708064	1.07046	1.633213	1.09092	1.09092				0.62337	1.09372	1.09372	0.0258002	1.614666	1.61466	1.041106	0.980004	-1.0204	1.841101	1.037	1.37248	0.8885533	0.461206	1
cg12404827	GOLGB1	0.230173	0.338985	0.821341	-1.21752	0.100528	0.698192	-1.43227	0.121337	0.715037	-1.39853	0.103242	1.42747	1.42747	0.870155	0.967859	-1.03321	0.859476	0.96523	-1.03602	0.81051	0.953164	-1.04914	0.553445	0.887175	-1.12717	0.132866	1.38239	1.38239	1.17248	1.08161	0.561424	1
cg01444313	CSMD2	0.230176	0.335551	1.40081	1.40081	0.295901	1.44474	1.44474	0.935153	1.02801	1.02801	0.0451218	1.38222	1.38222	0.0897783	1.88676	1.88676	0.101237	1.83883	1.83883	0.435496	0.76332	-1.31007	0.134387	1.72981	1.72983	0.952878	0.980139	-1.02026	1.17247	1.32524	1.62222	1
cg01421119	C1orf97	0.230177	0.481202	0.667176	-1.49885	0.021295	0.209198	4.78016	0.749125	0.834136	-1.19885	0.483849	1.49508	1.49508	0.216911	0.479797	-2.08421	0.470234	0.660185	-1.51473	0.171022	0.438709	-2.27942	0.06525	0.31041	-3.22155	0.522483	0.693239	-1.4425	1.17246	8.6656	4.49805	1
cg00290101	FAT3	0.230178	0.391414	2.17916	2.17916	0.702435	0.711417	-1.40554	0.584965	0.613105	-1.63104	0.884826	1.42562	1.42562	0.312985	0.396222	-2.52379	0.330651	2.43617	2.43617	0.036037	8.6982	8.6982	0.195907	3.36423	3.36423	0.501686	1.83102	1.83102	1.17246	21.3412	11.0776	1
cg06519183	UBE2O	0.230182	0.213352	0.744935	-1.3424	0.0402776	1.70303	1.70303	0.360189	1.23539	1.23539	0.783591	0.940012	-1.06382	0.406126	0.826155	-1.21043	0.374244	1.22746	1.22746	0.198353	0.736784	-1.35725	0.573369	0.879983	-1.13639	0.312564	0.790785	-1.26457	1.17244	1.36944	0.710842	1
cg23844013	CBA	0.230183	0.917897	1.02937	1.02937	0.0733799	0.615584	-1.6241	0.572278	1.1467	1.1467	0.227815	0.735248	-1.36009	0.174937	0.607441	-1.09121	0.976278	0.992809	-1.00726	0.0606824	1.670383	1.67083	0.614383	0.667506	-1.49851	0.62027	0.885734	-1.12901	1.17244	1.6007	0.83089	1
cg27335579	MUC4;MUC4;MUC4	0.230188	0.848583	1.02917	1.02917	0.65975	1.06892	-1.06893	0.163991	1.36939	1.36939	0.0908836	1.31388	1.31388	0.801944	1.03854	1.03854	0.567678	0.916769	-1.09079	0.0748519	1.34782	1.34782	0.216286	0.822215	-1.21623	0.318502	1.16778	1.16778	1.17242	0.613827	0.318628	1
cg17921331	CBORF29	0.230195	0.518074	0.873333	-1.14504	0.757527	0.937996	-1.0661	0.0870037	0.676622	-1.47793	0.337314	1.22687	1.22687	0.55028	1.11306	1.11306	0.0660807	1.53136	1.53136	0.16727	1.35567	1.35567	0.484407	0.863403	-1.15821	0.414554	0.841649	-1.18814	1.17239	1.15868	0.601463	1
cg00707998	PCGF3	0.230201	0.95516	1.03337	1.03337	0.0733799	1.4403	1.4403	0.938788	0.960947	-1.0374	0.415891	1.40717	1.40717	0.0177305	1.3086	1.3086	0.614296	0.810731	-1.23346	0.360753	0.676986	1.47101	1.47101	0.0541153	1.18923	1.18923	0.147967	0.528576	1.89188	1.17236	4.57629	2.37555	1
cg02400725	COL19A1	0.230204	0.018357	1.29056	1.29056	0.374848	1.08458	1.08458	0.153782	1.15407	1.15407	0.37766	1.08403	1.08403	0.918201	1.0092	1.0092	0.157531	1.14421	1.14421	0.0712049	1.19677	1.19677	0.757033	1.02805	1.02805	0.973719	1.00294	1.00294	1.17235	0.215472	0.111852	1
cg09074198	SHANK2	0.230207	0.412777	0.719858	-1.40084	0.437086	1.57595	1.37591	0.0681355	0.499433	-2.27566	0.697991	1.16095	1.16095	0.623592	0.819456	-1.22052	0.816663	1.26152	1.26152	0.216657	0.680015	1.18349	1.18349	0.233516	0.604692	-1.65374	1.17234	4.39449	2.28121	1
cg07449069	CACNA2D3	0.230207	0.411873	0.803504	-1.1293	0.079205	1.06212	1.06212	0.64312	0.988042	-1.01108	0.801092	1.03726	1.03726	0.123735	1.2733	1.2733	0.0822447	1.32181	1.32181	0.0626911	0.738195	-1.35466	0.233707	1.19834	1.19834	0.772378	1.04293	1.04293	1.17234	0.560596	0.295681	1
cg26782539	STK32C	0.230212	0.527558	1.70131	1.70131	0.313196	0.426614	-2.37748	0.780995	0.793429	-1.26035	0.926343	1.07979	1.07979	0.515458	1.73357	1.73357	0.465554	1.85254	1.85254	0.0201456	10.2463	10.2463	0.074671	5.13551	5.13551	0.291678	2.48023	2.48023	1.17232	18.6924	9.70348	1
cg26393686	RHBDF1	0.230213	0.0790542	0.42638	-2.34533	0.0124002	0.374912	-2.66729	0.0742997	0.435878	-2.29511	0.0838355	0.431678	2.31634	0.0147233	0.506061	-1.97371	0.266824	0.407252	-2.45534	0.0255196	0.156081	0.506633	-1.97889	0.437075	0.307279	-3.25488	0.0198508	0.108568	-1.08866	1.2624	1.72977	4.85223	1
cg11927033	PKIB;PKIB;SERINC1	0.230218	7	7	7	0.54172	1.8459	1.8459	0.164198	4.59933	4.59933	0.35014	0.381021	-2.62453	0.383316	2.44659	2.44659	0.40578	0.427453	-2.33944	0.200645	3.97474	3.97474	0.116816	5.89179	5.89179	0.0633925	9.26629	9.26629	2.004	25.0897	7.32489	1
cg02174420	ZNF487	0.230219	0.0510592	0.385449	-2.59438	0.0954995	1.02421	1.02421	0.284834	0.620722	-1.61103	0.565282	1.28325	1.28325	0.0754824	0.779545	-2.1373	0.582165	0.787971	-1.2691	0.0610622	0.714588	0.714588	0.627234	1.12863	1.12863	0.272021	0.612287	-1.63322	1.17229	4.99189	2.59341	1
cg13745142	C17orf28	0.230221	0.143579	0.754796	-1.32486	0.0221133	1.63406	1.63406	0.453859	1.14634	1.14634	0.294608	1.21479	1.21479	0.37396	0.849287	-1.17746	0.953639	1.01046	1.01046	0.522356	0.890424	-1.12306	0.9157	0.983226	-1.01913	0.663344	1.08156	1.08156	1.17228	0.868802	0.451063	1
cg04656354	EMID2S	0.230225	0.0539778	0.438474	-2.28104	0.0183174	0.456261	0.481174	0.0126464	0.493432	-2.02566	0.697991	0.811402	2.13243	0.0124262	0.498074	-2.00532	0.0239457	0.357937	2.79397	0.0012506	0.155568	0.155568	0.0642753	0.287771	-3.34705	0.317613	0.0633309	-1.57801	0.442263	0.722227	1.28793	2.74512	1
cg02114346	PAOX;PAOX;PAOX	0.230229	0.833034	1.09362	1.09362	0.219472	1.72873	1.72873	0.315153	1.55316	1.55316	0.359632	1.49073	1.49073	0.90938	1.04945	1.04945	0.907564	1.05047	1.05047	0.0215759	3.22125	3.22125	0.148799	0.518715	-1.92784	0.26041	1.64478	1.64478	1.17225	4.87308	2.52978	1
cg20929387	AFAP1;AFAP1;LOC84740	0.230239	0.591463	1.35147	1.35147	0.0230551	4.53044	4.53044	0.0668342	0.13374	0.13374	0.341738	0.580082	-1.72389	0.918131	0.944446	-1.05882	0.514038	0.692201	-1.44467	0.522955	0.890424	-1.12306	0.9157	0.983226	-1.01913	0.663344	1.08156	1.08156	1.17228	0.868802	0.451063	1
cg14375397	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.230241	0.0417401	0.415086	-2.40918	0.2121	2.76548	2.76548	0.0504284	0.359247	-2.78268	0.0309447	0.369141	-2.70796	0.0244644	0.361264	-2.76937	0.0171158	0.279302	-3.5806	0.0139206	0.0644	0.735427	-1.36006	0.953028	1.04975	0.0372362	0.893884	1.11886	1.63168	1.63168	1.17224	16.2416	9.43182	1
cg07757861	PTPK21	0.230245	0.162098	0.805102	-1.24208	0.234739	0.834536	-1.19827	0.0354781	1.42697	1.42697	0.238203	1.19652	1.19652	0.863202	0.975266	-1.02536	0.866558	1.02472	1.02472	0.350859	0.869839	-1.14964	0.487292	0.902585	-1.10793	0.617553	1.07585	1.07585	1.17218	0.571929	0.29662	1
cg18294551	KRTAP23-1	0.230247	0.0779648	0.228327	-4.36058	0.0429804	0.837371	1.83771	0.0535497	0.665183	-1.50334	0.16972	0.932972	-1.07208	0.0899338	0.925703	-1.08031	0.936444	0.944838	-1.05875	0.0405079	0.599232	-5.90906	0.0715492	0.504003	-1.98403	0.0729711	0.222316	-4.49811	0.0218218	1.17228	15.3827	7.95799	1
cg03212620	ABCB9;ABCB9;ABCB9	0.230247	0.0607234	0.207446	-4.82052	0.7390175	0.779373	-1.28239	0.253976	0.412232	-2.42582	0.695378	0.746215	-1.3401	0.0251382	0.137885	7.2524	0.71067	0.757911	-1.31942	0.205083	0.360865	-2.70369	0.0643832	0.213141	-4.69173	0.551751	0.638969	-1.56502	1.72217	15.0064	7.7907	1
cg24952158	FHOD3	0.230252	0.464864	0.776819	-1.2873	0.0457706	2.17599	2.17599	0.406904	1.33383	1.33383	0.557092	0.817404	-1.22339	0.0571135	0.481521	-2.07675	0.318797	0.704813	-1.41882	0.615959	1.18733	1.18733	0.973415	1.01138	1.01138	0.577228	0.825968	-1.2107	1.72216	3.12589	1.62285	1
cg22214262	CLINT1	0.230255	0.289996	1.53584	1.53584	0.16622	0.644935	1.55045	0.244179	1.55045	1.55045	0.244179	2.00681	2.00681	0.183011	0.498341	-2.00681	0.0374476	0.253747	-3.94009	0.132158	0.853085	1.46437	1.46437	0.58073	0.686372	-1.45683	0.718258	1.39207	1.17216	1.60035	0.735125	0.54375	1
cg17033684	SLC13A5;SLC13A5	0.230262	0.946393	0.954287	-1.0479	0.454682	1.70217	1.70217	0.308289	0.478765	-2.08871	0.521747	0.653568	-1.53789	0.0837032	0.176863	-5.6541	0.19377	2.61269	2.61269	0.673784	0.947991	-1.3441	0.154589	0.344994	-2.8986	0.178658	0.368615	-2.71286	1.72211	13.2287	6.86805	1
cg04319328	BANF;BANP	0.230267	0.0539778	0.438474	-2.28104	0.0183174	0.456261	0.481174	0.0126464	0.493432	-2.02566	0.697991	0.811402	2.13243	0.0124262	0.498074	-2.00532	0.0239457	0.357937	2.79397	0.0012506	0.155568	0.155568	0.0642753	0.287771	-3.34705	0.317613	0.0633309	-1.57801	0.442263	0.722227	1.28793	2.74512	1
cg13655917	TPST1	0.230282	0.254316	0.786091	-1.27212	0.0728445	1.49872	1.49872	0.418615	0.846102	-1.18189	0.867201	0.966727	-1.03442	0.791199	1.05512	1.05512	0.857826	0.964391	-1.03692	0.0634233	0.655698	-1.52509	0.892915	0.973134	-1.02761	0.0945158	0.689614	-1.45009	1.72203	1.1086	0.575583	1
cg00471935	GPR133	0.230284	0.893642	1.04517	1.04517	0.0393317	2.17979	2.17979	0.0725177	1.93837	1.93837	0.690760	0.87628	-1.14119	0.0849176	1.8762	1.8762	0.778027	0.910882	-1.09784	0.886458	0.954066	-1.04814	0.497121	0.796361	-1.25571	0.74037	0.895983	-1.11609	1.72203	2.95798	1.53579	1
cg24952676	LRG1	0.230286	0.0374502	0.398495	-2.50972	0.0178275	0.271345	0.296153	0.0126422	0.447275	-2.23578	0.576077	0.720252	-1.38849	0.0398244	0.514077	-1.94544	0.83457	0.873159	-1.14529	0.165036	0.582687	-1.7163	0.0784697	0.29509	-3.38934	0.0266107	0.265693	-3.76374	1.72202	11.4061	5.93209	1
cg05902801	CUX2	0.230286	0.983094	1.00515	1.00515	0.106307	1.53337	1.53337	0.0423631	0.567416	-1.76238	0.102893	0.648909	-1.54105	0.33141	0.785197	-1.27357	0.936273	1.01957	1.01957	0.434689	0.824326	-1.21311	0.312265	0.776196	-1.28833	0.970153	0.990973	-1.00911	1.72202	1.59282	0.827004	1
cg05743734	NUP188;MT1E	0.230289	0.0392337	0.428296	-2.33492	0.680015	1.11202	1.11202	0.0924928	1.66967	1.66967	0.078105	0.605703	-1.65098	0.102945	0.633234	-1.5792	0.809818	1.18321	1.18321	0.509387	0.778354	1.12835	1.12835	0.624819	0.886482	-1.12813	0.106837	0.858597	1.14161	0.71184	0.779723	0.928323	1
cg18548043	SCYL2;DEPDC4	0.230291	0.843161	1.01728	1.01728	0.799666	1.222021	1.02221	0.43	0.932680	-1.07217	0.624916	1.04354	1.04354	0.170379	1.03279	1.03279	0.29698	1.09805	1.09805	0.018517	0.781096	-1.28025	0.186802	1.12868	1.12868	0.435868	0.933547	1.07118	1.712	1.202882	0.105338	1
cg11555067	INPP4A;INPP4A;INPP4A;INPP4A	0.230292	0.806785	0.87502	-1.14283	0.0225385	4.43057	4.43057	0.42734	1.55513	1.55513	0.887356	0.925683	-1.08028	0.148425	0.429745	-2.32696	0.989593	1.00713	1.00713	0.54822	0.738179	-1.39241	0.228546	1.99083	1.99083	0.453176	0.659445	-1.51643	1.71199	8.04911	4.17921	1
cg05529506	KATNAL2;KATNAL2	0.230294	0.4985937	1.23102	1.23102	0.597337	1.12319	1.12319	0.190709	1.220062	1.220062	0.574548	1.29249	1.29249	0.156902	0.774538	-1.2247	0.764869	1.09691	1.09691	0.112136	0.688492	-1.45245	0.0611885	0.503168	-1.98548	0.044284	0.985022	-1.01521	1.70918	1.26461	0.656298	1
cg22018086	ABHD4;PRR5;PRR5	0.2303	0.536786	0.844964	-1.18348	0.170174	0.674712	-1.48211	0.0585606	0.562397	-1.7781	0.559265	0.852958	-1.17239	0.792048	0.913959	1.09414	0.612906	0.871612	-1.1473	0.0883604	1.65933	1.65933	0.756622	0.918378	-1.08888	0.0871488	0.601249	-1.66321	1.71196	1.96680	1.02126	1
cg01158843	CD6	0.230308	0.0576883	3.31867	3.31867	0.0840323	2.91098	2.91098	0.365854	1.6808	1.6808	0.0572494	3.32748	3.32748	0.515913	1.4451	1.4451	0.626549	1.31531	1.31531	0.662822	0.782539	-1.27789	0.158985	2.31959	2.31959	0.114134	2.63137	2.63137	1.17193	8.4698	4.3978	1
cg07008101	CKEBL1	0.230309	0.141659	0.440439	-2.27127	0.4845	1.11559	1.11559	0.285172	1.24663	1.24663	0.576656	0.762621	-1.31149	0.0700449	0.949346	-2.46244	0.268827	0.549415	1.82045	0.0884553	0.538704	0.538704	0.0704459	0.259936	0.637945	1.56955	0.626215	0.597609	1.70949	1.17194	0.9	0.79549	1
cg05837855	BDH1	0.230313	0.185713	0.428345	-2.33456	0.0409	0.238517	0.58258	0.115355	0.359912	-2.77845	0.559185	1.42883	1.42883	0.0889178	0.699722	-1.42974	0.124756	0.390761	-2.55911	0.281959	0.508867	-1.96515	0.12342	0.364849	-2.74086	0.984663	1.03168	1.03168	1.17191	0.807777	0.13931	1
cg00541002	SHOC2;RPL13AP6	0.230317	0.414472	0.883028	-1.13247	0.479517	0.898352	-1.11315	0.743049	0.952128	-1.05028	0.22829	0.828142	-1.20752	0.443961	0.890132	-1.12343	0.735658	1.05183	1.05183	0.0195131	1.52344	1.52344	0.253865	1.19445	1.19445	0.964672	0.993417	-1.00663	1.71189	0.602937	0.313071	1
cg01608512	ZNF574	0.230319	0.0410659	0.409439	-2.44335	0.0166422	0.344935	0.379445	0.0126465	0.466203	-2.14511	0.660765	0.760625	-1.31493	0.0744199	0.949346	-2.46244	0.268827	0.549415	1.82045	0.0884553	0.538704	0.538704	0.0704459	0.259936	0.637945	1.56955	0.626215	0.597609	1.70949	1.17194	0.9	0.79549	1
cg16346242	KIF5C	0.230318	0.372643	0.681114	-1.46818	0.143786	0.51737	-1.93285	0.0143997	0.282075	-3.54556	0.268281	1.62223	1.62223	0.981759	1.00964	1.00964	0.833495	1.09234	1.09234	0.97272	1.01445	1.01445	0.957639	1.02254	1.02254	0.492865	0.746611	-1.33939	1.71189	4.7729	2.47831	1
cg21372672	CCDC144A	0.230319	0.754483	0.929556	-1.08159	0.875346	0.961534	-1.04003	0.741804	0.846412	-1.54175	0.99956	1.00014	1.00014	0.962137	0.79123	-1.26386	0.581484	1.14931	1.14931	0.394133	1.85356	1.85356	0.99293	0.994666	-1.00536	0.12726	0.657908	-1.51997	1.71188	1.12464	0.879433	1
cg24626411	RNF213;RNF213	0.230322	0.0897382	0.455155	-2.19702	0.114448	0.511877	-1.95359	0.726087	0.845317	-1.18299	0.88066	1.07441	1.07441	0.0434465	0.379719	0.3288	0.837396	0.926867	-1.0789	0.147283	0.516216	1.93204	1.93204	0.0564812	0.757253	-1.32056	1.71187	6.18861	3.27241	1
cg03087334	INO80C;INO80C	0.230324	0.237016	0.819927	-1.21962	0.545182	0.906534	-1.1031	0.0175898	0.58873	1.58873	0.876315	1.02523	1.02523	0.383171	1.15409	1.15409	0.244518	1.21544	1.21544	0.843989	0.968918	-1.03208	0.619217	0.927124	-1.0786	0.521208	0.901043	-1.10982	1.71186	0.696306	0.361559	1
cg12412846	DUSP16	0.230325	0.245822	0.643052	-1.55502	0.0447373	0.693483	0.802129	0.0126462	0.462048	-2.16502	0.660765	0.760625	-1.31493	0.0744199	0.949346	-2.46244	0.268827	0.549415	1.82045	0.0884553	0.538704	0.538704	0.0704459	0.259936	0.637945	1.56955	0.626215	0.597609	1.70949	1.17194	0.9	0.79549	1
cg18672959	CHRNB1	0.230327	0.814031	1.06155	1.06155	0.147811	1.48231	1.48231	0.0147196	2.14047	2.14047	0.107207	1.56159	1.56159	0.696695	1.10439	1.10439	0.152536	1.47466	1.47466	0.718644	1.09604	1.09604	0.787053	0.933668	-1.07105	0.805551	1.06451	1.06451	1.17185	1.74202	0.904554	1
cg08733453	SLC25A28	0.230329	0.25203	0.755852	-1.32301	0.680015	1.11202	1.11202	0.0924928	1.66967	1.66967	0.078105	0.605703	-1.65098	0.102945	0.633234	-1.5792	0.809818	1.18321	1.18321	0.509387	0.778354	1.12835	1.12835	0.624819	0.886482	-1.12813	0.106837	0.858597	1.14161	0.71184	0.779723	0.928323	1
cg21054248	SNX18;SIN3A;SIN3A	0.230329	0.124111	0.58587	-1.70686	0.30159	0.709184	-1.41007	0.206208	0.53435	1.53435	0.274885	0.694368	-1.44016	0.0972373	0.552147	1.81111	0.681475	0.758994	-1.31769	0.174146	0.518443	-1.92943	0.0754483	0.10598	1.10598	0.0819929	0.538534	1.85689	1.71184	2.79495	1.45131	1
cg08246859	ZBTB46	0.230333	0.134918	0.299817	-3.33537	0.426822	1.83386	1.83386	0.653659	1.40152	1.40152	0.254166	0.410674	-2.43502	0.118162	0.28139	-3.55379	0.121093	0.284695	-3.51253	0.0567544	0.19955	-5.01128	0.013369	0.683309	-1.46347	0.177938	0.343035	-2.91516	1.71184	15.1451	7.36426	1
cg05985655	FAM134B	0.230337	0.0445717	0.402	-2.48755	0.0602	0.27133	0.294545	0.0126728	0.511164	-1.95658	0.134458	0.183514	5.44958	0.0163154	0.137131	7.29693	0.0460756	1.3122	1.3122	0.0013373	0.846	-1.18205	0.208501	1.16467	1.16467	0.84442	1.02285	1.02285	1.17183	0.583711	0.186088	1
cg27078813	CSGALNACT2	0.230341	0.496949	0.855672	-1.16867	0.888017	0.03235	1.03235	0.679962	0.09828	1.09828	0.548771	1.14696	1.14696	0.0776977	1.55685	1.55685	0.479857	1.17624	1.17624	0.160333	0.712502	-1.40351	0.317925	1.26276	1.26276	0.0383791	1.71988	1.71988	1.17183	1.38474	0.719044	1
cg22182110	GOLGB1	0.230341	0.0410659	0.409439	-2.44335	0.0166422	0.344935	0.379445	0.0126465	0.466203	-2.14511	0.660765	0.760625	-1.31493	0.0744199	0.949346	-2.46244	0.268827	0.549415	1.82045	0.0884553	0.538704	0.538704	0.0704459	0.259936	0.637945	1.56955	0.626215	0.597609	1.70949	1.17194	0.9	0.79549	1
cg12356870	INPP5A	0.230335	0.201868	1.30742	1.30742	0.638258	1.09877	1.09877	0.901146	0.975585	-1.02503	0.732312	1.07068	1.07068	0.0471016	1.57138	1.57138	0.242072	2.816697	1.22444	0.028758	1.67034	1.67034	0.881472	1.03012	1.03012	0.491175	1.14923	1.14923	1.17182	1.07266	0.556998	1
cg15771370	7orf91;C17orf91	0.230338	0.0380522	0.722398	-1.38428	0.223997	1.18856	1.18856	0.229013	1.18614	1.18614	0.392037	0.88818	-1.1259	0.612885	1.07143	1.07143	0.284209	1.16235	1.16235	0.952025	0.991897	-1.00817	0.818321	1.03278	1.03278	0.179431	1.21268	1.21268	1.1718	0.495767	0.257437	1
cg12210736	COL25A1;COL25A1	0.230342	0.251589	1.38841	1.38841	0.201807	0.691242	-1.44667	0.559344	1.17556	1.17556	0.25287	1.38707	1.38707	0.183682	1.47173	1.47173	0.831319	0.943233	1.06018	0.16403	0.665748	-1.50207	0.243102	1.39744	1.39744	0.0960437	1.64998	1.64998	1.17179	2.03495	1.0567	1
cg09057222	ZBTB12	0.230348	0.108712	0.464252	-2.15412	0.114448	0.548696	1.8225	0.511226	1.26159	0.792357	0.668823	1.56054	1.56054	0.647475	0.553328	1.80645	0.0440448	0.999202	1.00091	0.0660806	2.09302	2.09302	0.477885	0.976726	1.02418	0.907578	0.953137	1.04905	1.17178	4.42008	2.32766	1.72058	1
cg05308556	PTPRN2;PTPRN2;PTPRN2	0.230349	0.0184554	0.212313	-8.90372	0.56028	0.637295	-1.56913	0.426345	0.537222	-1.86143	0.402138	0.518958	-1.92694	0.0704402	0.212885	4.69737	0.938853	0.942999	-1.06045	0.292397	0.433625	-2.30626	0.0106186	0.917742	-1.08963	0.0797446	0.225939	-4.42597	1.71176	15.8646	8.23824	1
cg03099291	C12orf53	0.230349	0.641715	1.21603	1.21603	0.107967	2.07938	2.07938	0.207491	1.74159	1.74159	0.550049	1.49407	1.49407	0.964175	0.981427	-1.01892	0.093312	2.16086	2.16086	0.29471	1.57357	1.57357	0.0541676	2.48971	2.48971	0.0402863	2.68831	2.68831	1.17176	4.72328	2.45272	1
cg02635155	GABBR1;GABBR1;GABBR1	0.230336	0.689583	1.18492	1.18492	0.4844	0.872403	1.14587	0.0126474	1.14878

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	p-value(3477 vs. 3537)	Fold-Change(5 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)	F(Test)	SS(Test)	SS(Error)	df
cg24954590	PCDHGA4;PCDHGA6;PCDHGA1;PCDHGA8;PCDHGB5;PCDHGA5;PCDHGB1;PCDHGA3	0.230548	0.239997	2.56667	2.56667	0.1152	3.71437	3.71437	0.365079	2.04015	2.04015	0.0921942	4.13756	4.13756	0.892309	0.901424	-1.10936	0.68399	1.36825	1.36825	0.522462	1.64318	1.64318	0.0145726	10.0258	10.0258	0.384578	1.97986	1.97986	1.71094	15.9063	8.26383	1
cg16492833	C5orf125	0.230554	0.0249641	1.50422	1.50422	0.322978	0.855357	-1.1691	0.292539	1.1819	0.126492	1.28786	0.28786	0.25826	1.19785	1.19785		0.184014	1.24071	1.24071	0.585447	1.08795	1.08795	0.798478	0.959682	-1.04201	0.343594	1.16104	1.16104	1.71092	0.634649	0.329724	1
cg05085169	OSR1	0.230555	0.365619	1.99001	1.99001	0.0742887	4.35892	4.35892	0.104661	2.660023	-3.71716	0.625448	0.694756	-1.43915	0.458553	1.74849	1.74849	0.378627	1.9517	1.9517	0.170816	2.94367	2.94367	0.613442	1.45806	1.45806	0.234714	1.307689	-2.51453	1.70992	14.8003	7.71533	1
cg10376814	MORN1	0.230556	0.14927	0.427113	-2.3413	0.274157	1.87007	1.87007	0.110986	2.59924	2.59924	0.641979	1.29379	1.29379	0.0981292	0.368594	-2.71301	0.471602	0.668424	-1.49606	0.203958	0.478282	-2.09081	0.661704	0.784886	-1.27407	0.340397	0.582454	-1.71687	1.70191	8.20044	4.26046	1
cg16694003	SMPD3;SMPD3	0.230558	0.268874	1.43329	1.43329	0.120583	0.590783	-1.69267	0.363562	0.764836	-1.33898	0.443272	1.2768	1.2768	0.198007	1.52878	1.52878	0.662026	0.8715137	-1.1474	0.0643083	0.522148	-1.91517	0.485387	1.24809	1.24809	0.476566	1.25391	1.25391	1.7109	2.64794	1.13572	1
cg10362591	SLC6A2	0.230561	0.547254	1.8273	1.8273	0.555259	0.829423	-1.4056	0.149244	1.63832	1.63832	0.413979	2.03858	2.03858	0.0157005	0.378027	2.64607	2.64607	0.0157005	0.378027	2.64607	2.64607	0.0157005	0.378027	2.64607	2.64607	0.0157005	0.378027	2.64607	1.70191	2.98224	1.90082	1
cg18631122	ZNF189;MRPL50;ZNF189	0.23057	0.782547	1.04175	1.04175	0.712395	0.946734	-1.05626	0.372885	1.1448	1.1448	0.0607348	0.73158	-1.3669	0.0405336	0.704914	-1.41861	0.643445	1.07134	1.07134	0.327249	0.861133	-1.16126	0.739313	0.95183	-1.05061	0.13053	0.785532	-1.27302	1.70185	0.592153	0.307658	1
cg18576195	ZNF598	0.230571	0.225844	0.516804	-1.93497	0.849532	0.906161	-1.10356	0.664882	0.797559	-1.25383	0.778417	0.863806	-1.15767	0.0628578	0.337456	-2.963	0.345482	0.60395	-1.65577	0.0143154	0.208578	-4.79437	0.982666	1.01134	1.01134	0.212911	0.506198	-1.97551	1.70185	7.29861	3.79207	1
cg27648946	RHOBTB1;RHOBTB1	0.230575	0.166751	0.721675	-1.38567	0.074543	1.55202	1.55202	0.319191	1.2558	1.2558	0.472816	1.17534	1.17534	0.624844	0.8096693	-1.11521	0.796229	1.05893	1.05893	0.804521	1.0564	1.0564	0.979624	1.53794	1.53794	0.104254	1.48136	1.48136	1.71085	3.52648	0.689186	1
cg06092601	CSPP1;CSPP1	0.230576	0.556354	1.18465	1.18465	0.995577	0.998791	1.02021	0.328922	1.27807	1.27807	0.31676	0.798065	-2.62553	0.367027	1.22378	1.22378	0.445644	0.84087	-1.18979	0.280209	0.786681	-1.27096	0.0212597	0.540928	-1.82839	0.584919	1.12774	1.12774	1.71083	1.28702	0.66869	1
cg06931149	KEAP1;KEAP1;KEAP1	0.230584	0.991017	0.958365	-1.04344	0.593517	1.30294	1.30294	0.588211	1.80801	1.30801	0.376611	0.493832	-2.02498	0.0205918	0.254138	-3.93487	0.684845	0.818386	-1.22192	0.295177	1.70444	1.70444	0.961077	1.10015	1.10015	0.276683	1.74323	1.74323	1.7108	6.537	3.39647	1
cg12904030	SRF;SRF	0.230588	0.0113231	0.5269	-1.89789	0.352244	1.21985	1.21985	0.452509	1.17343	1.17343	0.857302	1.03833	1.03833	0.657315	0.911306	-1.09733	0.616054	0.899738	-1.11143	0.742564	-1.34659	0.395326	0.833674	-1.19951	0.805162	0.949665	1.053	1.70178	1.18316	0.614747	1
cg05656486	NDUFS2;NDUFS2	0.230589	0.0501217	0.858798	1.16492	0.0247227	0.663873	-1.5031	0.327442	0.464445	-2.15301	0.823823	0.837957	-1.19447	0.0379731	0.533155	-4.28809	0.614645	0.775167	-1.29033	0.530318	-1.02739	0.902985	0.524289	-1.90734	0.511694	1.49598	1.49598	1.70178	0.92339	0.15601	1
cg10062617	TSSC4	0.230591	0.291075	0.429617	-2.32765	?	?	0.315591	2.22595	2.22595	0.10562	0.255831	-3.90883	?	?	?	?	?	0.987643	1.01201	1.01201	0.392065	0.508553	-1.96636	0.0699779	0.209632	-4.77025	1.73377	10.8862	8.3719	1
cg27481639	LLPH	0.230597	0.636282	0.832137	-1.20173	0.555929	1.25831	1.25831	0.0814929	0.425129	-2.35168	0.965339	1.0569	1.0569	0.898618	1.0504	1.0504	0.862361	0.935437	-1.06902	0.0396543	0.399413	-2.50156	0.185644	0.581942	-1.71839	0.107496	0.507823	-1.96919	1.70175	4.03172	2.09485	1
cg14102292	NLE1;NLE1;NLE1	0.230597	0.503744	1.12351	1.12351	0.131484	1.32244	1.32244	0.0781992	1.39926	1.39926	0.46492	1.13616	1.13616	0.224108	1.24509	1.24509	0.557396	1.10722	1.10722	0.0578051	0.692001	-1.44508	0.467762	1.13521	1.13521	0.745705	1.13257	1.13257	1.70174	0.798228	0.414753	1
cg08739385	EPHA10	0.230599	0.445664	1.16358	1.16358	0.460707	0.86385	-1.15761	0.254718	0.793146	-1.2608	0.446099	0.859546	-1.1634	0.448405	1.16248	1.16248	0.497286	1.14373	1.14373	0.0280945	1.65776	1.65776	0.122926	1.385	1.385	0.60729	1.1063	1.1063	1.71074	1.02894	0.534629	1
cg00520618	TPST2;MIR548J;TPST2	0.230599	0.312064	0.654207	-1.53	0.438287	0.915991	-1.09177	0.961159	0.996157	-1.00386	0.660753	1.36631	1.36631	0.0604308	0.515385	-1.94057	0.479805	0.779124	-1.28349	0.0270183	0.708936	-1.41055	0.0304755	0.708936	-1.41055	0.0304755	0.708936	-1.41055	1.70201	3.72225	1.70025	1
cg04609245	H1	0.230603	0.458119	0.652486	-1.5326	0.00654485	0.135836	-7.36182	0.185535	0.452327	-2.21079	0.666579	0.782738	-1.27757	0.541103	0.704948	-1.41854	0.723276	0.817983	-1.22252	0.585212	0.732377	-1.36542	0.365159	0.518791	-1.93796	0.067547	0.977271	-1.02326	1.70173	8.65288	4.496	1
cg12781700	C17orf104	0.230607	0.604753	1.85751	1.85751	0.723333	0.656028	-1.52432	0.183811	0.32432	0.32432	0.19769	0.19892	-5.02714	0.179972	0.184733	-5.41323	0.298721	0.276752	-3.58742	0.826278	0.770519	-1.29783	0.0417679	16.1712	16.1712	0.842459	0.789779	-1.26618	1.7107	38.1089	19.8015	1
cg21249582	COL15A1	0.230609	0.570508	0.883772	-1.13151	0.151731	1.39233	1.39233	0.661477	1.09961	1.0552	1.38793	1.38793	0.770362	1.06511	1.06511		0.183605	0.737832	-1.35532	0.0904677	1.49484	1.49484	0.739252	0.930542	-1.07464	0.153435	0.719343	-1.39016	1.71069	1.25836	0.653853	1
cg20546518	KIAA0892;SF4	0.230613	0.381889	1.23983	1.23983	0.302803	0.801988	-1.24802	0.466445	1.26503	1.26503	0.511379	1.15228	1.15228	0.0289433	0.574608	-1.74012	0.779426	0.908859	-1.10049	0.0804107	0.883141	1.13261	0.882459	-1.13349	0.0980051	0.747251	1.33868	-1.74751	1.70168	1.25421	0.651702	1
cg17951388	OPLAH	0.230614	0.119476	1.40832	1.40832	0.076955	1.48972	1.48972	0.777057	1.05922	1.05922	0.266939	1.26415	1.26415	0.555466	1.12847	1.12847	0.112437	0.704526	-1.41939	0.188833	1.32596	1.32596	0.409467	1.18644	1.18644	0.468924	0.861283	-1.16106	1.71067	1.11279	0.57822	1
cg14049461	GRID2	0.230615	0.376096	1.12783	1.12783	0.226059	0.757732	-1.31973	0.488568	0.85628	-1.16784	0.478877	1.17209	1.17209	0.512198	0.945834	-1.05725	0.0521542	1.62777	1.62777	0.0136244	0.686272	1.45715	0.488452	0.664575	-1.18123	0.283546	1.27858	1.27858	1.71067	3.19311	0.684911	1
cg16736279	SDK1	0.230615	0.479949	0.72714	-1.37525	0.313177	1.58867	1.58867	0.717562	0.851132	-1.17491	0.161951	0.515488	-1.93991	0.382946	0.672324	-1.48738	0.34094	1.54567	1.54567	0.0185477	0.281707	-3.55479	0.432227	0.700731	-1.42708	0.889929	0.940405	-1.06337	1.71067	1.36434	2.77196	1
cg27009497	PTPRN2;PTPN2;PTPRN2	0.230616	0.0725339	0.3713	-2.69324	0.413767	1.51153	1.51153	0.758945	1.16438	1.16438	0.482268	1.42351	1.42351	0.0473862	0.325748	-3.06986	0.898216	1.06532	1.06532	0.153984	0.470175	-2.12687	0.507373	1.39454	1.39454	0.443698	0.679679	-1.47128	1.71066	6.624	3.44194	1
cg26372539	SCN9A;SCN9A;SCN9A	0.230622	0.373538	1.2043	1.2043	0.439803	1.63457	1.63457	0.156652	0.614007	1.62712	0.38722	0.898365	1.1381	1.00534	0.995274	-1.00482	0.75335	1.1381	1.1381	0.540079	0.800553	-1.24907	0.76508	0.808126	-1.11343	0.72464	1.24483	1.24483	1.71066	1.80976	0.726111	1
cg11318895	TRIM39;TRIM39	0.230634	0.295124	0.734322	-1.3618	0.292849	1.36394	1.36394	0.25563	1.40148	1.40148	0.815628	0.935726	-1.06809	0.251754	0.711377	-1.40572	0.513497	0.559105	1.33706	-1.87591	0.324078	1.33597	0.309461	1.45679	0.778746	0.923014	-1.08341	1.70159	2.91958	1.13883	1
cg28914328	APBA2;APBA2	0.230643	0.121752	1.37977	1.37977	0.149	0.0612565	2.45967	0.153513	0.583913	1.71312	0.506399	0.858313	1.16496	0.0308434	0.568268	-1.75971	0.824059	1.16496	1.16496	0.0308434	0.568268	-1.75971	0.824059	1.16496	1.16496	0.0308434	0.568268	-1.75971	1.70159	1.16496	0.824059	1
cg24068859	LSG1;LSG1	0.230646	0.0122415	0.252228	-3.96467	0.300934	1.60491	1.60491	0.689454	1.19397	1.19397	0.860508	0.925305	-1.08073	0.988589	1.00633	1.00633	0.317971	1.57709	1.57709	0.920455	0.956871	-1.04507	0.797461	1.1202	1.1202	0.348086	0.652863	1.53171	1.70154	1.27745	2.74244	1
cg27382409	PYR1	0.230651	0.0509597	0.444932	-2.24753	0.542244	0.99705	-1.2514	0.0262037	0.383357	-2.60853	0.194358	0.556063	-1.79836	0.141933	0.563252	-1.7754	0.464254	0.762775	-1.311	0.283497	0.666924	-1.49942	0.199849	0.611186	-1.63616	0.228442	0.63158	-1.58333	1.70152	3.58027	1.86052	1
cg17053854	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.230656	0.655334	0.734927	-1.36068	0.0169818	7.35658	7.35658	0.0992955	3.45077	3.45077	0.698498	0.765803	-1.30582	0.60258	0.697589	-1.43351	0.443677	1.70807	1.70807	0.643463	1.37648	1.37648	0.598936	1.4388	1.4388	0.449077	0.589312	-1.6969	1.7105	12.7309	6.61578	1
cg14562054	RIN1	0.230657	0.0834153	0.529371	-1.88925	0.0183	1.232	1.232	0.0178	1.32042	1.32042	0.0178	1.23734	1.23734	0.0115569	0.808257	-1.23712	0.0219163	0.68738	0.68738	-1.45469	0.973263	1.02733	0.973263	1.02733	0.973263	1.02733	0.973263	1.02733	1.70159	0.973263	1.02733	1
cg05915694	PKC;PTCH1;PTCH2;PKC	0.230658	0.155027	0.777589	-1.28603	0.89686	0.97879	-1.02167	0.254176	0.821337	-1.21753	0.216274	0.806467	-1.23998	0.42540	0.874133	-1.14399	0.341913	0.850551	-1.17571	0.948126	1.01081	1.01081	0.446743	0.879684	-1.13677	0.0321693	1.51403	1.51403	1.7105	0.740223	0.38467	1
cg07934031	CBY3	0.230659	0.276537	0.847976	-1.17928	0.0671213	1.34848	1.34848	0.143158	1.25766	1.25766	0.423263	0.88766	-1.12656	0.857664	1.0265	1.0265	0.680352	1.06222	1.06222	0.0806778	0.754085	-1.32611	0.525932	1.09816	1.09816	0.74951	1.04778	1.04778	1.71049	0.575076	0.298849	1
cg21081852	RD1	0.230659	0.479295	0.865618	-1.15524	0.166342	1.34665	1.34665	0.241532	1.27889	1.27889	0.886826	1.02899	1.02899	0.0113213	1.30079	1.30079	0.581038	1.11834	1.11834	0.037804	0.615233	-1.62539	0.718099	0.929839	-1.07546	0.320111	1.22894	1.22894	1.71049	1.09076	0.566836	1
cg04450332	TSJP;TSJP	0.230661	0.564388	0.875134	-1.14251	0.342003	0.801988	-1.24802	0.466445	1.26503	1.26503	0.511379	1.15228	1.15228	0.0289433	0.574608	-1.74012	0.779426	0.908859	-1.10049	0.0804107	0.883141	1.13261	0.882459	-1.13349	0.0980051	0.747251	1.33868	-1.74751	1.70168	1.25421	0.651702	1
cg14531560	FBLIM1	0.230662	0.941784	0.973492	-1.02723	0.866502	1.06384	1.06384	0.286872	1.502	1.502	0.153636	0.570096	-1.75409	0.200596	0.608187	-1.64423	0.0469509	0.431213	2.30834	0.406566	0.73175	-1.36659	0.389375	1.3833	1.3833	0.265005	1.53313	1.53313	1.70148	1.66556	1.90489	1
cg17330061	SMURF1;SMURF1	0.230663	0.692566	1.26511	1.26511	0.14774	2.75944	2.75944	0.184666	2.29928	2.29928	0.731871	1.22572	1.22572	0.525732	0.683523	-1.46301	0.0382512	0.241451	-4.14163	0.386129	1.69173	1.69173	0.547828	1.43119	1.43119	0.443964	0.630121	-1.587	1.70147	9.48663	4.92996	1
cg26800421	CPEB3	0.230667	0.0473139	0.506124	-1.97628	0.0178	1.44644	1.44644	0.0178	1.44644	1.44644	0.0178	1.68727	1.68727	0.0178	1.68727	1.68727	0.0178	1.68727	1.68727	0.0178	1.68727	1.68727	0.0178	1.68727	1.68727	0.0178	1.68727	1.68727	1.70147	1.68727	1.68727	1
cg04546030	CDH7;CDH7	0.230668	0.0906954	0.364317	-2.74486	0.425634	0.643563	-1.55385	0.616476	0.76066	-1.31465	0.730918	0.829425	-1.20565	0.0977018	0.373678	-2.6761	0.0234835	0.230833	-4.33214	0.916579	1.0584	1.0584	0.486097	1.46649	1.46649	0.790221	1.1554	1.1554	1.71045	7.9506	4.13177	1
cg26212747	KHDC3L	0.230675	0.741921	1.24115	1.24115	0.439803	1.63457	1.63457	0.156652	0.614007	1.62712	0.38722	0.898365	1.1381	1.00534	0.995274	-1.00482	0.75335	1.1381	1.1381	0.540079	0.800553	-1.24907	0.76508	0.808126	-1.11343	0.72464	1.24483	1.24483	1.71066	1.80976	0.726111	1
cg13219108	C20orf103	0.230673	0.651905	0.8729008	1.1456	0.638625	0.867985	-1.15209	0.0605555	0.530795	-1.88397	0.561319	1.1922	1.1922	0.25825	0.717652	1.39343	0.845455	0.06015	1.06015	0.0533307	0.480188	-2.08252	0.093941	0.580157	-1.72367	0.231494	0.686846	-1.45593	1.71043	2.42697	1.26126	1
cg02842295	TBC1D17;TBC1D17;AKT1S1;AKT1S1;AKT1S1;TBC1D17	0.230676	?	?	?	0.397669	1.72978	1.72978	0.345326	0.540632	-1.84969	?	?	?	0.91563	1.06935	1.06935	0.229106	0.449953	-2.22245	0.0563621	3.92442	3.92442	?	?	?	0.315783	1.92768	1.92768	1.73338	7.32813	5.63685	1
cg01822624	NPR3	0.230677	0.228526	1.11214	1.11214	0.0896992	1.10739	1.17039	0.856419	1.01535	1.01535	0.392391	0.928958	-1.07647	0.696221	0.96754	-1.03355	0.593031	1.04642	1.04642	0.0362313	0.814807	-1.22728	0.624007	0.959301	-1.04243	0.483992	1.06164	1.06164	1.71042	0.191608	0.099769	1
cg12884704	BPHL;BPHL;BPHL;BPHL	0.230679	0.364797	1.20373	1.20373	0.31113	1.11313	1.11313	0.0827862	1.15614	1.15614	0.364178	0.906639	-1.10359	0.0903	0.870598	-1.14899	0.24127	0.808885	-1.23674	0.0903	1.30519	1.30519	0.0569555	1.40644	1.40644	0.0147041	0.679041	1.35289	1.70139	1.40644	1.35289	1
cg08301187	NANOS3	0.230679	0.139806	0.681534	-1.46728	0.479393	1.18948	1.18948	0.665477	1.11069	1.11069	0.737759	1.08447	1.08447	0.666266	0.900585	-1.11039	0.667742	1.10984	1.10984	0.0116042	0.466975	-2.14144	0.86316	0.959224	-1.04251	0.803497	0.941609	-1.06201	1.70141	1.57761	0.819876	1
cg14887903	LAMA5	0.230681	0.0473139	0.506122	-1.97628	0.0178	1.44644	1.44657	0.286481	0.561368	-1.78136	0.735803	0.808068	-1.19322	0.0289841	0.563141	-1.77591	0.568287	0.740209	-1.35097	0.927259	1.04878	1.04878	0.791005	0.564768	-1.77064	0.0977058	0.387593	-2.58003	1.7104	7.33097	3.83066	1
cg03357160	UBR2	0.230682	0.00976915	0.525156	-1.9042	0.906844	1.0023	1.0023	0.423645	0.851787	-1.174	0.961601	0.990555	-1.00954	0.252678	0.790167	-1.26556	0.700512	1.07916	1.07916	0.920726	1.17643	1.17643	0.274361	1.13123	1.13123	0.836365	0.960252	-1.04161	1.7104	1.05252	0.540993	1
cg15124968	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA1;PCDHGA9;PCDHGA2;PCDHGB1;PCDHGC5;PCDHGB6;PCDHGB3;PCDH	0.230683	0.0547163	0.721006	-1.38695	0.0686223	0.736412	-1.35794	0.772328	0.957386	-1.04451	0.0373849	0.695848	-1.4371	0.348664	0.865166	-1.15585	0.282053	0.845156	-1.18271	0.258135	0.837674	-1.19378	0.728349	0.949005	-1.05373	0.674433	1.06547	1.70139	0.610407	0.317228	1
cg00128649	MGAT1;MGAT1	0.230685	0.859529	1.0535	1.0535	0.0349925	2.06033	2.06033	0.168852	1.53932	1.53932	0.305243	1.36665	1.36665	0.723186	1.11022	1.11022	0.286424	1.38502	1.38502	0.0837082	0.569389	-1.75627	0.654528	1.14171	1.14171	0.657997	1.14006	1.14006	1.70139	2.34506	1.21873	1
cg14893935	TTYH1	0.230685	0.219601	2.17589	2.17589	0.219154	5.23494	5.23494	0.0271776	4.82891	4.82891	0.207126	2.22824	2.22824	0.58988	1.3878	1.3878	0.557582	1.42931	1.42931	0.571808	1.41071	1.41071	0.381137	1.71773	1.71773	0.492469	1.52171	1.52171	1.70138	9.82527	5.10621	1
cg00193175	ZBTB11;LOC100009676	0.230692	0.1337431	0.6944	-1.44041	0.0455	1.1001	1.1001	0.0455	1.16821	1.16821	0.0455	1.04486	1.04486	0.0455	1.10585	1.10585	0.0455	1.29626	1.29626	0.0455	1.29626	1.29626	0.0455	1.29626	1.29626	0.0455	1.29626	1.29626	1.70138	1.29626	1.29626	1
cg17504096	SLC45A3	0.230695	0.143027	0.749458	-1.3343	0.147088	0.751949	-1.32988	0.344851	1.19515	1.19515	0.984369	1.0036	1.0036	0.0605378	1.47366	1.47366	0.80866	0.956523	-1.04545	0.12589	0.738276	-1.35451	0.706846	0.933116	-1.07168	0.912735	1.02029	1.02029	1.70134	0.909372	0.472613	1
cg04858164	TCF12;TCF12;TCF12;TCF12	0.230697	0.815795	1.07481	1.07481	0.144074	0.749121	1.55321	0.0660869	0.783149	1.27619	0.294801	1.84431	1.84431	0.115096	0.787233	-1.27022	0.162505	1.70349	1.70349	0.0944857	2.84773	2.84773	0.0155664	2.84773	2.84773	0.0155664	2.84773	2.84773	1.70134	5.52715	0.952433	0.96618	-1.01454	1.70133	2.79349	4.56025	1
cg04182378	SMS	0.230699	0.153939	0.468292	-2.13269	0.269843	1.76849	1.76849	0.778962	1.14983	1.14983	0.168164	2.07247	2.07247	0.603303	0.769822	1.299	0.119025	0.431924	-2.31522	0.146838	0.461816	-2.16536	0.162259	0.476944	-2.09668	0.477559	0.688156	-1.43091	1.70133	0.669009	0.346605	1
cg07101654	SNORA59A;VPS13D;SNORA59B;VPS13D	0.230703	0.499683	1.16561	1.16561	0.376636	0.816348	-1.22497	0.764777	1.06942	1.06942	0.324192	1.25573	1.25573	0.0876483	1.52449	1.52449	0.396804	1.21417	1.21417	0.0267708	1.79835	1.79835	0.30954	0.790414	-1.26516	0.877397	1.03513	1.03513	1.70131	1.35498	0.704214	1
cg12682684	EPHA5;EPHA5	0.230708	0.799692	0.89778	-1.11386	0.249384	1.6662	1.6662	0.146992	1.92521	1.92521	0.0733706	2.33196	2.33196	0.1515562	1.91865	1.91865	0.875712	1.06863	1.06863	0.287101	0.625777	-1.59801	0.921172	1.04287	1.04287	0.0608748	1.44983	1.44983	1.71029	4.87167	2.53195	1
cg00135761	ITGA6;GSG2	0.230709	0.0496203	0.3859	-2.59128	0.0854711	1.5132	1.5132	0.0854711	1.14658	1.14658	0.0854711	1.10625	1.10625	0.0854711	1.07385	1.07385	0.0854711	0.883075	1.13226	0.0854711	0.796893	-1.25482	0.0854711	1.1675	1.1675	0.0713946	1.33954	1.33954	1.70129	0.542014	0.281701	1
cg20164479	MYH8	0.23071	0.0725846	0.112892	-8.858	0.642913	0.601462	-1.66261	0.746583	1.42341	1.42341	0.291776	0.303886	-3.2907	0.0559738	0.0946648	-10.5636	0.177534	0.210055	-4.76066	0.0804587	0.121085	-8.25869	0.107566	0.147735	-6.76887	0.220277	0.24577	-4.06885	1.70128	32.1164	16.6919	1
cg11381655	IGLON5	0.230711	0.772233	0.898578	-1.11287	0.922402	1.03655	1.03655	0.990876	1.00442	1.00442	0.850182	1.07216	1.07216	0.0780754	0.929161	-1.42277	0.684427	1.16249	1.16249	0.342264	1.43411	1.43411	0.426482	1.34877	1.34877	0.819734	0.919334	-1.08774	1.70128	3.67754	1.91134	1
cg12122283	NDUFA4L2	0.230712	0.149951	0.761228	-1.31313	0.0247237	0.707281	1.41328	0.126125	0.607404	-1.64602	0.0274582	0.570932	-1.75195	0.0270933	0.507318	-1.97032	0.153607	0.632217	-1.58167	-2.95712	0.15037	1.92212	0.52219	0.664553	-1.50465	0.0946485	0.74309	-1.34573	1.70127	8.3795	4.81233	1
cg20337021	KIAA1826	0.230716	0.658287	1.1129	1.1129	0.090953	1.56438	1.56438	0.564081	0.869242	-1.15043	0.254527	0.751325	-1.33098	0.0655685	1.6432	1.6432	0.872639	1.03931	1.03931	0.253953	0.751042	-1.33148	0.196725

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg13115272	TRIM15		0.554226	0.782096	0.13217	1.166743	0.95323	0.964534	1.02037	1.020037	0.7052127	0.841486	1.18837	0.927346	1.04229	1.04229	0.288949	0.613308	1.6381	0.8769727	0.269695	1.70749	0.743458	0.5138608	1.928244	0.981234	1.010774	1.070755	5.58361	2.90323	1
cg16695617	ADCK5 LOC100133957;LOC100133957;UXT;UX		0.430958	1.317	0.1317	1.088857	0.522719	-1.91307	0.780546	0.90797	-1.10136	0.5105881	1.25946	1.210546	0.1014049	0.538039	-1.8586														
cg07865580		0.230898	0.0668359	0.0344591	-29.0199	0.549577	0.376591	-2.6554	0.707433	0.544731	-1.83577	0.224362	7.92966	7.92966	0.6676908	0.498565	-2.00576														
cg04790450	LMCD1		0.230898	0.113454	1.43409	1.43409	0.0532635	0.631527	-1.58346	0.476012	0.859245	-1.16381	0.567839	0.8863163	-1.12846	0.9960959	0.833669	-1.19952														
cg01243292	RNDT7		0.230826	2.367	2.79901	2.79901	0.14086	3.61083	3.61083	0.11442	3.5518	4.15518	0.733425	0.7530382	-1.23738	0.637698	4.88214	1.48214	0.0418612	0.1429	-6.99792	0.595475	0.6451442	-1.55972	0.5939	1.562725	1.563725	0.2130244	1.24309	1.24309	1.7005	1.81315	9.6878	1
cg13291466	CBX2		0.230904	0.516736	1.16052	1.16052	0.411173	1.20961	1.20961	0.417448	1.2064	1.2064	0.616768	0.8920132	-1.12104	0.7600316	1.07184	1.07184	0.2691666	0.7705598	-1.29769	0.0142901	1.98209	1.98209	0.8785555	0.965967	-1.03523	0.3730318	0.8123953	-1.23008	1.70949	1.38833	0.7218993	1
cg17020304	CACNB4;CACNB4;CACNB4		0.230965	0.109918	0.27943	-3.59915	0.5585115	1.97278	1.97278	0.3463377	2.08857	2.08857	0.946896	0.4907216	-2.03784	0.0995445	0.265453	-3.76716	0.8232074	0.847435	-1.18003	0.7215795	0.2279224	-4.38737	0.440993	0.565254	-1.78172	0.1828334	0.3538182	2.82362	1.70949	14.5251	7.6047	1
cg19744773	USP48;USP48		0.230905	0.140126	1.19096	1.19096	0.765409	1.03349	1.03349	0.208871	1.15702	1.15702	0.462815	0.9210109	-1.08577	0.967905	1.00444	1.00444	0.8320383	0.976894	-1.02365	0.0591649	1.26436	1.26436	0.190982	1.16113	1.16113	0.0453383	1.28798	1.28798	1.70948	0.3281912	0.1706052	1
cg01766699	DNAH7		0.230908	0.363431	0.6239	-1.6054	0.747476	0.848979	-1.17789	0.449873	0.6769011	-1.47732	0.616136	0.7740071	-1.29198	0.154373	0.461783	-2.16552	0.1483377	0.455802	-2.19394	0.833449	0.898779	-1.11262	0.0495824	3.11236	3.11236	0.1143548	0.418784	-2.38787	1.70947	6.954605	3.61596	1
cg10976318	TTLL8		0.230908	0.10103	0.26344	-3.79551	0.1650911	0.565091	-1.76909	0.3804457	0.878758	-1.13797	0.4481755	0.6807373	-1.46855	0.3837484	0.2722	-3.67431	0.2454908	0.4589003	-2.17911	0.0350206	2.216522	2.216522	0.0458083	0.220557	-4.53731	0.4346408	0.5997777	-1.66729	0.4094	11.1321	5.78844	1
cg00096307	UXS1		0.230912	0.17268	0.488886	-2.04547	0.749756	0.854024	-1.17093	0.196218	0.50973	-1.96182	0.946379	0.967378	-1.03372	0.9093209	0.196677	-5.08448	0.616323	0.779492	-1.28289	0.841389	0.9086932	-1.10048	0.177297	0.493095	-2.02801	0.709646	0.583101	3.42305	1	
cg06483980	PHGR1		0.230915	0.0299046	0.31686	-3.15597	0.4735467	0.720418	-1.38808	0.4845663	1.3765	1.3765	0.477778	0.722752	-1.38396	0.0629209	0.389425	-2.56289	0.22705	0.5652328	1.7692	0.1481566	0.5530094	-1.80849	0.733682	0.857589	-1.16606	0.1575119	0.5366548	-1.97376	1.70945	5.479072	2.84905	1
cg02350767	RGL1;RGL1		0.230920	0.561112	0.9633	-1.68257	0.0785952	0.638999	0.563899	0.147812	0.95439	3.95439	0.320155	0.4833128	-2.06955	0.0877835	0.178818	5.59228	0.5394154	0.6251158	-1.6099	0.782776	1.27724	1.27724	?	?	0.7959958	1.25789	1.71583	18.9365	11.0363	1
cg01500844	RGL1;RGL1		0.230923	0.20576	1.49321	1.49321	0.728415	1.10139	1.10139	0.664385	1.14011	1.14011	0.562931	0.8661191	-1.15435	0.0887469	0.178568	5.60243	0.4548414	0.25694	-3.89124	0.0263824	0.1926248	5.192307	0.0204564	0.1554259	6.433968	0.0008376	0.0298516	0.1956	1.70948	0.2442896	1.27028	1
cg25649203	MRPL32;PSMA2		0.230929	0.117291	1.46217	1.46217	0.2442155	1.31514	1.31514	0.0663407	1.10273	1.10273	0.439278	0.9281263	-1.07753	0.3881132	0.904727	-1.0053	0.655037	0.9044511	-1.10564	0.0267824	0.556459	-1.79665	0.020842	0.8944623	-1.11779	0.4648499	1.18069	1.18069	1.70939	1.9506	0.7002091	1
cg24087796	TTLL6;TTLL6		0.230936	0.388244	1.99209	1.99209	0.456945	1.80475	1.80475	0.578911	0.6460284	-1.54792	0.585667	0.4792123	-2.08675	0.26174	0.401682	-2.48953	0.2359924	0.3798444	-2.63266	0.0178254	0.1059953	-9.43814	0.2705565	0.4090002	-2.444497	0.8790479	1.12598	1.12598	1.70936	16.4438	8.55101	1
cg08152934	MEF2A;MEF2C;MEF2C;MEF2C		0.230941	0.9969981	1.00927	1.00927	0.0761173	1.51462	1.51462	0.153957	1.33861	1.33861	0.0852817	1.492133	1.492133	0.396376	1.20045	1.20045	0.8688228	1.00825	1.00825	0.123349	0.2503823	-3.42081	0.32401	1.23895	1.23895	0.712848	0.9251487	-1.08086	1.70934	1.10797	0.6229569	1	
cg24748922	C16orf46;C16orf46		0.230942	0.54427	1.827495	1.827495	0.6629207	1.10239	1.10239	0.457791	0.84536	-1.18293	0.124757	0.5609641	-1.78255	0.4917204	0.7703	-1.29781	0.0310102	0.5696665	-1.75542	0.2464859	0.7640551	-1.30881	0.2616955	1.29709	1.29709	0.8698668	0.9272165	1.02863	1.70933	1.33716	0.6953353	1	
cg12762413	RHOU		0.230949	0.756711	0.824171	-1.21334	0.0209039	0.177361	-5.63823	0.173671	0.406268	-2.46143	0.796435	1.17452	1.17452	0.960246	0.969459	-1.0315	0.6292994	1.35348	1.35348	0.471179	0.6337391	-1.57794	0.298375	1.95574	1.95574	0.2594492	2.07921	2.07921	1.7003	10.4827	5.45133	1
cg01837410	SLCO4C1;SLCO4C1		0.230949	0.447325	2.35544	2.35544	0.8387799	0.983331	-1.01695	0.540531	0.506335	-1.97408	0.85516	0.8270705	-1.20925	0.4848351	0.458537	-2.18085	0.467862	0.44425	-2.25099	0.3184451	0.3221955	-3.10372	0.0178375	2.63472	2.63472	0.210803	4.25578	4.25578	1.7003	3.02222	1.61853	1
cg23668184	SOX11;SOX11		0.230951	0.740389	1.18859	1.18859	0.0891124	2.64894	2.64894	0.0635508	2.9561	2.9561	0.310994	1.723399	1.723399	0.458574	0.675668	1.48002	0.4739664	1.45991	1.45991	0.476858	0.6867246	1.456518	0.194823	0.4904	-2.03935	0.237558	1.90195	1.90195	1.7003	7.308293	3.80054	1
cg08958751	DUPD1		0.230955	0.4927389	1.6133	1.6133	0.6750504	1.205221	1.205221	0.2612373	1.77377	1.77377	0.140101	0.5796145	1.15623	0.3363379	0.1195	8.36679	0.1196021	0.5662328	1.76902	0.1815566	0.5309084	-1.88649	0.733682	0.857589	-1.16606	0.1575119	0.5366548	-1.97376	1.70945	5.479072	2.84905	1
cg07589531	FRMD4A		0.230962	0.0911345	0.193502	-5.16792	0.104438	0.208743	-4.79058	0.416943	0.480828	-2.07974	0.407992	2.11075	2.11075	0.887998	0.189781	5.26922	0.7792333	0.28152	-3.28152	0.470091	0.5227631	-1.91291	0.275447	2.72226	2.72226	0.493601	1.84717	1.84717	1.70926	21.0909	10.9682	1
cg17041378	SYTL4;SYTL4		0.230966	0.2309015	0.100614	-9.939	0.898131	0.897388	-1.11435	0.478949	0.544131	-1.83779	0.178418	3.34862	3.34862	0.152322	0.274497	-3.64303	0.2233996	0.339135	-2.94868	0.969266	1.0331	1.0331	0.559135	0.6009946	-1.64759	0.689004	1.405031	0.4052	1.70924	19.3427	10.0592	1
cg03525433	CD96;CD96 ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H		0.230967	0.355553	0.609038	-1.64128	0.0999484	0.599484	-1.66955	0.420052	0.533071	1.76385	0.113253	0.6418057	1.23853	0.0443677	0.362937	-2.75718	0.0151782	0.7204367	1.38926	0.0242148	0.6491247	-1.53995	0.2180624	-1.21858	0.4981276	-2.00707	-1.64726	1.70922	1.18056	0.2728336	0.6070071	-1.64726	0.7022	1.51728	2.69247	1
cg07795487	14		0.230997	0.930496	1.01352	1.01352	0.185981	1.24087	1.24087	0.299395	1.18001	1.18001	0.208056	1.22664	1.22664	0.888422	0.978627	-1.02184	0.952326	0.990841	-1.00924	0.0459788	0.7032887	-1.4219	0.200624	1.23126	1.23126	0.182826	1.24303	1.24303	1.70922	0.6411274	0.333446	1
cg01674147	FHDC1		0.230972	0.402042	0.731868	-1.36637	0.753248	0.901485	-1.12163	0.458828	1.31592	1.31592	0.618116	1.20073	1.20073	0.0125051	0.337839	-2.95999	0.7397093	0.885719	-1.12903	0.136006	0.5572261	-1.79449	0.429969	1.34098	1.34098	0.0482158	0.8284548	-1.20706	1.70921	1.58608	1.86497	1
cg03879261	C10orf50		0.230976	0.549398	0.8047	-1.2427	0.6698646	0.483293	-2.06914	0.306677	0.684123	-1.46173	0.280685	0.66881	-1.49515	0.800852	1.0949	1.0949	0.6614552	0.853793	-1.17124	0.0580368	2.1566	2.1566	0.302564	1.46681	1.46681	0.481255	0.7735528	-1.29278	1.70919	3.48316	1.81147	1
cg03108114	MMACHC;CCDC163P		0.230977	0.6785844	1.078331	1.078331	0.5381614	0.907297	-1.10237	0.5131454	0.9063	-1.10359	0.5174938	0.8655152	1.01552	0.2118542	1.881744	1.881744	0.4190736	-2.45257	0.62247	1.536518	1.883567	1.883567	0.1917091	1.011052	0.995767	1.006868	1.041019	1.041019	1.70919	42.6139	22.162	1
cg08596726	MAML3		0.230981	0.887243	0.943592	-1.05978	0.574584	0.792871	-1.26124	0.375974	0.689472	-1.45038	0.814122	1.10118	1.10118	0.751457	0.878073	-1.13886	0.347	1.48631	1.48631	0.0185409	0.3103833	0.312116	0.2626533	0.6200343	-1.61279	0.0822456	0.4548419	-2.19868	1.70918	4.533152	2.35774	1
cg26909098	AP2A2		0.230982	0.7023	1.11767	1.11767	0.6952936	0.914939	-1.09327	0.4512712	0.8163379	-1.22497	0.1818887	1.040346	1.040346	0.2602948	0.624079	-1.60257	0.3934978	0.7129	-1.40263	0.1196944	0.4438198	2.253	0.0022103	1.222023	1.222023	0.0210012	0.434642	0.8183789	1.222023	1.248636	1.70917	1.0923	0.5451354	1	
cg22233230	C7orf50;C7orf50;C7orf50		0.230997	0.796471	1.1027	1.1027	0.0628894	2.20672	2.20672	0.0918142	2.01795	2.01795	0.219944	1.62885	1.62885	0.85688	0.933995	-1.07067	0.1400387	1.82295	1.82295	0.253001	1.57081	1.57081	0.120179	1.892	1.892	0.0598884	2.232616	2.23216	1.70911	3.87275	2.01417	1
cg17601209	PRDM16;PRDM16		0.231001	0.492072	0.555965	-1.79867	0.115819	4.2126	4.2126	0.0472259	6.7547	6.7547	0.873867	1.143	1.143	0.0964136	0.215297	-6.64474	0.728388	1.34086	1.34086	0.650728	1.45693	1.45693	0.407578	0.490311	-2.03952	0.723671	0.74181	-1.34805	1.70909	19.1598	9.96487	1
cg11896923	PNMT		0.231002	0.053211	0.0962	-10.3937	0.0962425	1.60521	1.60521	0.2612373	2.77377	2.77377	-1.40101	0.5796145	1.15623	0.3363379	0.1195	8.36679	0.1400838	0.662728	1.50907	0.1196944	0.4438198	2.253	0.0022103	1.222023	1.222023	0.0210012	0.434642	0.8183789	1.222023	1.248636	1.70917	1.0923	0.5451354	1	
cg18735114	CSNK1A1P		0.231006	0.801146	0.931295	-1.07377	0.5446171	1.1888	1.1888	0.320137	0.7484456	-1.33608	0.888661	1.0403	1.0403	0.484336	0.818365	-1.22195	0.858393	0.950876	-1.05166	0.0137984	2.35953	2.35953	0.350864	1.31103	1.31103	0.229665	1.42712	1.42712	1.70907	2.15321	1.11988	1
cg25441161	KDM4A		0.231011	0.0760201	1.16557	1.16557	0.1449344	1.3311	1.3311	0.4771281	1.03835	1.03835	0.108835	0.9172066	-1.09091	0.1420855	0.3636	-2.75055	0.3328444	0.87984	-1.13672	0.0955901	0.7870656	-1.26993	0.2967511	1.10639	1.10639	0.4440812	1.11455	1.11455	1.70905	0.44449	0.2231182	1	
cg03386823	PTPRG		0.231011	0.735388	0.91557	-1.09222	0.446081	0.817121	-1.22381	0.277798	0.745664	-1.34109	0.153895	0.6584437	-1.51875	0.818372	0.94194	-1.06164	0.347794	0.777732	-1.28579	0.534405	0.7840664	-1.17777	0.206766	1.41375	1.41375	0.0419258	1.83977	1.83977	1.70905	1.83029	0.951946	1
cg08611411	LOR		0.231014	0.050779	0.124504	-8.03188	0.54017	0.565617	-1.76798	0.100595	0.187655	-5.32892	0.0492317	0.122207	-8.18282	?	?	?	0.783989	0.777159	-1.28674	?	?	0.923027	0.915174	-1.09269	0.494107	0.528416	-1.89337	1.786	18.1165	10.1436	1
cg23700556	SRPX;SRPX;SRPX;SRPX		0.231015	0.0539309	0.0966	-10.3504	0.1648934	1.5115	1.3365	0.693851	1.39881	1.39881	0.108835	0.9172066	-1.09091	0.1420855	0.3636	-2.75055	0.3328444	0.87984	-1.13672	0.0955901	0.7870656	-1.26993	0.2967511	1.10639	1.10639	0.4440812	1.11455	1.11455	1.70905	0.44449	0.2231182	1	
cg00088797	IQSEC1;IQSEC1		0.231017	0.476934	0.681168	-1.46807	0.408159	1.56644	1.56644	0.61404	1.31364	1.31364	0.184124	0.9317448	-1.07325	0.0566538	0.31809	-3.14377	0.654386	0.787231	-1.27027	0.0210404	0.229133	-4.36427	0.821032	1.12783	1.12783	0.509485	0.700996	-1.42654	1.70903	7.62927	3.36809	1
cg18700664	BOD1;BOD1		0.231021	0.1005251	0.0962	-10.3937	0.0962425	1.60521	1.60521	0.2612373	2.77377	2.77377	-1.40101	0.5796145	1.15623	0.3363379	0.1195	8.36679	0.1400838	0.662728	1.50907	0.1196944	0.4438198	2.253	0.0022103	1.222023	1.222023	0.0210012	0.434642	0.8183789	1.222023	1.248636	1.70917	1.0923	0.5451354	1	
cg08822676	LONRF3;LONRF3		0.231033	0.896808	1.16834	1.16834	0.724787	1.52783	1.52783	0.888312	0.844937	-1.18352	0.817808	1.31875	1.31875	0.291614	0.2692056	-3.71394	0.1176116	0.130314	-7.67375	0.711056	0.6400883	-1.5623	0.289662	3.73524	3.73524	0.0226824	2.63387	2.63387	1.70897	38.9147	20.2407	1
cg15126090	FOXK1		0.231035	0.909693	0.939838	-1.01995	0.9118887	0.980911	-1.01946	0.9139775	0.9772597	1.27297	0.2742198	1.513755	1.513755	0.904289	1.020277	1.02027	0.4792616	1.14342	1.14342	0.3312308	0.3877327	-2.57923	0.1972433	1.053298	1.053298	0.7770303	-1.287	0.1296317	1.33155	1.33155	1.70895	0.6205222	0.426784	1
cg08449255	DDR1;DDR1		0.231036	0.441518	1.36577	1.36577	0.804926	1.10328	1.10328	0.90326	1.08284	1.08284	0.0196408	2.194357	2.194357	0.0178548	0.751088	1.3314	0.1080465	1.61612	1.61612	0.202775	0.5586214	-1.70586	0.0449808	2.49388	2.49388	0.0289629	0.915974	1.08935	1.70895	4.269997	2.22097	1
cg04674081	CDX8A		0.231038	0.715102	0.91901	-1.08813	0.310763	1.273311	1.273311	0.0264358	1.83373	1.83373	0.185866	0.723859	-1.38148	0.282561	0.773172	-1.29337	0.930013	1.02044	1.02044	0.193969	1.37248	1.37248	0.94065	0.982992	-1.0173	0.964768	1.01023	1.01023	1.70894	1.43661	0.747239	1
cg20821048	HEATR4;C14orf169		0.231040	0.2952	1.22446	1.22446	0.5387152	1.172	1.172	0.2090872	1.19161	1.19161	0.678972	1.26764	1.26764	0.0477314	0.4292	-2.33006	0.0489017	1.14244	1.14244	0.2891744	0.4238233	-2.35913	0.3281114	1.1714	1.1714	0.1345784	1.16437	1.16437	1.70893	0.6842418	0.3458005	1
cg19203105	AKT1S1;AKT1S1;AKT1S1		0.231049	0.479822	0.847697	-1.17967	0.803333	0.944217	-1.05908	0.0995252	0.660149	-1.51481	0.401146	0.820633	-1.21857	0.0909283	0.651568	-1.53476	0.777474	0.936902	-1.06735	0.0995532	1.51475	1.51475	0.415574	1.21096	1.21096	0.173383	1.716608	-1.39546	1.7089	1.43216	0.744641	1
cg21627032	SYNPO		0.231055	0.570276	0.908405	-1.10076	0.277374	0.827757	-1.20809	0.915659	1.01789	1.01789	0.083445	0.7247617	-1.37975	0.0949536	0.889469	-1.01064	0.7390005	0.939749	-1.06411	0.120309	1.48756	1.48756	0.149026	0.891736	1.012138	-1.01941	1.70889	0.757002	0.394226	1	
cg00057079	VEGFB;DNAJC4		0.231053	0.205872	0.780355	-1.31047	0.0721785	0.688695	-1.45202	0.2599576	0.9955975	1.00415	0.2113212	0.7913886	-1.26311	0.970046	1.007	1.007	0.7390005	0.939749	-1.06411	0.120309	1.51475	1.51475	0.415574	1.21096	1.21096	0.173383	1.716608	-1.39546	1.7089	1.43216	0.744641	1
cg01536980	EEF1A1		0.231055	0.74055	0.95055	-1.05202	0.913135	1.01324	1.01324	0.606422	0.923751	-1.08254	0.843799	1.03057	1.03057	0.031973	0.1003	9.97011	0.2328103	1.18652	1.18652	0.0224541	0.4475	2.234	0.0022103	1.222023	1.222023	0.0210012	0.434642	0.8183789	1.222023	1.248636	1.70887	0.6304012	0.32791	1
cg00286773	MICAL2		0.231056	0.513349	0.58474	-1.70966	0.2324155	0.744669	0.744669	0.24295	2.3	2.3	0.0402818	1.74535	1.74535	0.0421917	0.810232	1.23405	0.8036446	0.8485	-1.17859	0.472254	1.11774	1.11774	0.2997373	1.28786	1.28786	0.640054	1.733208	0.7722602	1.38389	1.38389	1.70878	0.7842	0.3912	1
cg09786098	KREMEN2;KREMEN2		0.231063	0.333724	1.41336	1.41336	0.404759	1.34421	1.34421	0.0619283	2.07392	2.07392	0.163817	1.674621	1.674621	0.189219	1.62029	1.62029	0.2534828	1.51267	1.51267	0.0498492	2.17323	2.17323	0.0394382	2.28577	2.28577	0.548374	1.2346	1.2346	1.70884	3.25876	1.69511	1
cg14484495	TCEA2;TCEA2		0.231064	0.0709824	0.266018	-3.75969	0.820544	1.16026	1.16026	0.165578	0.380984	0.380984	-2.63124	0.0876216	1.43317	0.143357	0.462385	2.163608	0.1720287	0.3543465	0.4823	-2.07403	0.6287775	0.59548	-1.68003	0.6938856	-1.44114	0.163877	0.5543107	-1.80426	0.7083	11.5828	6.02504	1
cg14787487	LOC646851;LOC646851;CBY1;CBY1 PEG3;PEG3;PEG3;ZIM2;ZIM2;PEG3;ZIM		0.231065	0.299185	0.78836	-1.26846	0.0396298	1.69192	1.69192	0.216621	1.33287	1.33287	0.251805	0.7675325	-1.30289	0.88261	1.03319	1.03319	0.642038	1.09	1.09	0.505485	0.86129	-1.16105	0.649838	0.903925	-1.10629	0.142025	1.41747	1.41747	1.70883	1.32188	0.687608	1
cg25401594	2;PEG3;PEG3A5		0.23107	0.350766	1.32016	1.32016	0.139985	1.58288	1.58288	0.358299	1.31416	1.31416	0.317256	1.34851	1.34851	0.149304	1.56392	1.56392	0.631109	0.869429	-1.15018	0.0155163	2.35973	2.35973	0.230894	1.43832	1.43832	0.293823	1.37015	1.37015	1.70881	2.2637	1.17753	1
cg17155330	CARKD		0.231075	0.427968	0.710047	-1.40836	0.258319	1.64714	1.64714	0.197091	1.78067	1.78067	0.222518	1.72016	1.72016	0.0378589	0.581028	1.72079	0.3601021	0.899781	-1.11138	0.9044663	1.05201	1.05201	0.207339	1.75526	1.75526	0.0653311	1.01856	1.01856	1.70879	4.8453	2.52045	1
cg22141695	RPI11		0.231078	0.1170574	0.0962	-10.3937	0.0962425	1.60521	1.60521	0.2612373	2.77377	2.77377	-1.40101	0.5796145	1.15623	0.3363379	0.1195	8.36679	0.1400838	0.662728	1.50907	0.1196944	0.4438198	2.253	0.0022103	1.222023	1.222023	0.0210012	0.434642	0.8183789	1.222023	1.248636	1.70877	1.0923	0.5451354	1	
cg22621310	MAD1L1;MAD1L1;MAD1L1		0.231085	0.116856	0.675168	-1.48111	0.979065	0.993968	-1.00607	0.0241353	0.537956	-1.85889	0.760654	1.07298	1.07298	0.172941	0.715781	1.39708	0.2048	0.6972	-1.43416	0.0150227	0.5030	0.5030	0.0000	0.0000	0.0000

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1527 vs. N)	Fold-Change(1527 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg10884490	HYI	0.231256	0.922163	-1.0842	0.797634	1.23023	1.23023	0.881927	0.887055	1.12733	0.649734	0.691649	-1.44582	0.00923981	0.0696529	0.7277	0.754368	-1.32561	0.462056	0.546768	-1.82893	0.924292	1.06659	1.06659	0.209896	2.90251	1.70805	17.5906	9.15436	1
cg18256630	CYP1A2	0.231259	0.564306	0.852962	-1.17239	1.009068	0.620715	-1.61105	0.315878	0.753521	-1.3271	0.857136	1.05041	1.05041	0.093002	0.521643	-1.91702	0.705729	1.10907	1.10907	0.0952299	1.64917	1.64917	0.915757	0.971537	-1.0293	0.852533	0.950485	-1.05209	1.70804	2.01471	1.04848	1
cg22259606	SLC14A5;SLC14A5;SLC14A5 /// HMGA1;HMGA1;HMGA1;HMGA1;HMGA1;HMG	0.231267	0.682816	0.8858	-1.12892	0.9155991	1.73028	1.73028	0.831501	0.939045	-1.06491	0.446892	1.25712	1.25712	0.11636	0.60433	-1.65473	0.71701	1.11342	1.11342	0.556893	0.839149	-1.11968	0.04172399	1.99942	1.99942	0.576762	1.18107	1.18107	1.70801	2.35662	1.22644	1
cg22797644	A1;HMGA1	0.231275	0.0923463	0.3238386	-3.0452	0.385113	0.585519	-1.70789	0.551283	1.43672	1.43672	0.361357	0.568915	-1.75773	0.110831	0.351939	-2.8414	0.292263	0.518493	-1.92867	0.0476294	0.256195	-3.90327	0.0662453	0.289841	-3.45036	0.366616	0.572618	-1.74637	1.70797	9.7744	5.08694	1
cg12469257	NGLY1;NGLY1;NGLY1;NGLY1	0.231278	0.183832	0.500171	-1.99932	0.5049117	0.717162	-1.39438	0.386838	0.646704	-1.5463	0.388943	0.648015	-1.53417	0.0420678	0.316144	-3.16116	0.212041	0.524173	-1.90777	0.2957182	1.70369	1.70369	0.253308	1.7972	1.7972	0.24412	0.549487	-1.81988	1.70795	6.53098	4.39889	1
cg11141503	RFFL;RFFL	0.231281	0.446116	0.698818	-1.43099	0.594758	0.780557	-1.28114	0.606141	0.786636	-1.27124	0.79292	1.17123	1.17123	0.965916	0.980476	-1.01991	0.247095	1.74796	1.74796	0.0303974	3.23543	3.23543	0.0591659	2.67273	2.67273	0.398113	1.49066	1.70795	5.75964	2.99756	1
cg17676647	PRMT2;PRMT2	0.231291	0.627949	0.818587	-1.22162	0.9260257	0.462545	-2.16195	0.455401	0.731143	-1.36772	0.384643	1.44105	1.44105	0.0359225	0.367755	-2.71919	0.6642374	0.426416	-2.34513	0.0960266	0.974756	-1.0259	0.8206558	1.09754	1.09754	0.519115	0.764982	-1.30722	1.70791	4.5449	2.96541	1
cg14519945	C6orf47	0.231294	0.0839073	0.1039526	-9.62219	0.350508	0.322096	-3.10466	0.350546	0.838023	-2.9514	0.249323	0.954056	-3.93614	0.0453486	0.0615452	-16.2482	0.317201	0.31099	-3.21554	0.0370914	0.0515268	-19.4074	?	?	?	0.200066	0.211903	-4.71914	1.9976	31.5226	9.38264	1
cg20826416	BAT2	0.231297	0.508136	0.723067	-1.383	0.826891	1.11158	1.11158	0.492446	1.40035	1.40035	0.437851	0.682335	-1.46556	0.0443632	0.327783	-3.0508	0.0688766	0.374053	-2.67342	0.0757769	0.384969	-2.59761	0.978013	0.986777	-1.0134	0.209004	0.527488	-1.89578	1.70789	6.3102	3.28421	1
cg18498622	GABBQ	0.231301	0.130461	0.4399	-2.27304	0.2152299	0.546883	-1.82189	0.622284	0.779143	-1.28346	0.885816	1.38003	1.38003	0.259794	0.464568	-2.15312	0.753168	0.495296	-2.01886	0.2932119	1.29794	1.29794	0.665028	0.880839	-1.13564	0.164163	0.474113	-2.1092	1.70787	6.83678	3.55832	1
cg17826679	KCNA2;SLC4A2	0.231303	0.0592235	0.57868	3.87698	0.3703852	1.79526	1.79526	0.0695067	3.63805	0.6813308	0.341826	0.414826	0.604363	1.39444	1.39444	0.663474	0.756926	-1.32113	0.3496777	1.84479	0.715952	1.26169	0.2169	0.0629215	1.78433	0.378433	1.70786	10.9444	5.69622	1
cg12458613	KLF11	0.231306	0.0502243	0.5966	6.5946	0.1009202	4.375	4.375	0.466767	1.86066	1.86066	0.484415	1.82153	1.82153	0.242996	0.556127	-1.80799	0.553649	1.66345	1.66345	0.2564698	2.73918	2.73918	0.47334	1.85196	1.85196	0.06180854	5.95064	1.70785	16.3127	10.0157	1
cg05343535	BFAR	0.231309	0.26163	0.725711	-1.37796	0.883351	1.04103	1.04103	0.914303	0.795278	-1.25742	0.805676	0.934723	-1.06984	0.121077	0.503337	-1.58469	0.917144	0.971902	-1.02891	0.0202524	0.464543	-2.15265	0.0547482	0.550623	-1.81612	0.458994	0.813423	-1.22937	1.70784	2.02887	1.05598	1
cg13803013	ARHGEF4;ARHGEF4	0.231309	0.417749	0.743769	-1.3445	0.646868	0.255445	2.25545	0.129817	1.79498	1.79498	0.304081	1.46748	0.676161	0.860556	-1.16203	0.48523	1.28854	1.28854	0.548478	0.8084888	-1.24241	0.452027	0.76041	-1.31508	0.114729	1.84631	1.84631	1.70784	3.45657	1.79906	1
cg09069193	PIR16	0.231309	0.134291	0.329727	-4.4106	0.2829564	0.845954	1.83945	0.722297	1.38814	1.38814	0.791252	0.783667	-1.2761	0.11048	0.202192	-4.94579	0.646697	0.65432	-1.52831	0.139473	0.231863	-4.31289	0.828373	1.22084	1.22084	0.200345	0.288451	-3.46679	1.70784	2.84778	1.81917	1
cg08012275	BRSK2	0.23131	0.721311	1.28996	1.28996	0.2310141	1.7954	1.7954	0.022177	7.02384	7.02384	0.671259	1.35456	1.35456	0.908691	0.92168	-1.08498	0.599542	1.45736	1.45736	0.5514	1.53479	1.53479	0.501525	1.62403	1.62403	0.43175	1.76896	1.76896	1.70783	13.6681	7.11397	1
cg09329917	CDKAL1	0.231314	0.277953	1.5093	1.5503	0.145971	0.832288	-1.19433	0.32235	0.607646	-1.64569	0.746374	1.13439	1.13439	0.68242	0.85231	-1.17328	0.326941	1.48159	1.48159	0.0180282	1.05274	1.05274	0.270542	1.56347	1.56347	0.562318	1.25553	1.25553	1.70782	4.08129	2.42324	1
cg01122588	HS6ST3	0.231316	0.425949	1.55071	1.35071	0.133437	0.549576	-1.81958	0.708089	0.870905	-1.14823	0.0780151	2.06293	2.06293	0.172317	1.71117	1.71117	0.296147	1.4927	1.4927	0.115916	1.86765	1.86765	0.945212	0.974906	-1.02574	0.45895	0.756652	-1.32361	1.70781	1.69867	1.3251	1
cg12528581	RPS19BP1	0.231318	0.923215	1.02259	1.02259	0.336227	1.25824	1.25824	0.792367	1.06303	1.06303	0.972299	0.991988	-1.00808	0.038966	1.77963	1.73963	0.163666	1.4124	1.4124	0.450721	0.836913	-1.19487	0.1564464	0.703864	-1.42073	0.16608	1.40796	1.40796	1.7078	1.45169	0.755584	1
cg26324541	RND2	0.231319	0.267934	1.14107	1.14107	0.3681	1.12151	1.12151	0.642286	1.1183	1.1183	0.545866	0.932405	-1.07256	0.0705599	0.413872	-2.41693	0.68042	0.953776	-1.04846	0.142058	1.19766	1.19766	0.196116	0.695096	0.695096	0.295267	1.04573	0.0743742	1.25461	1.25461	1.70779	0.353172	0.183823	1
cg20480857	SHD	0.231321	0.308853	0.740692	-1.35009	0.360861	1.30697	1.30697	0.786605	0.925577	-1.08041	0.961154	1.28101	1.28101	0.0632705	0.551385	-1.81362	0.389507	0.777768	0.2863783	0.110282	0.608943	-1.64219	0.196111	0.677331	-1.47638	0.282051	1.37521	1.37521	1.70779	2.19703	1.14354	1
cg16532952	ZSCAN5;ZKSCAN5	0.231325	0.758749	0.941515	-1.06203	0.293667	1.1075	1.1075	0.0115755	1.76778	1.76778	0.296373	1.21929	1.21929	0.580403	1.10766	1.10766	0.293708	0.81918	-1.22073	0.0644618	0.233228	-1.08316	0.8605956	0.969455	-1.03151	0.908123	1.02137	1.02137	1.70777	0.906083	0.441881	1
cg01188396	NKX2-8	0.231326	0.158495	2.96293	2.96293	0.238988	0.411236	-2.4317	0.65087	0.720164	-1.38857	0.0819006	4.01124	4.01124	0.0732579	0.23709	-4.21782	0.402864	1.85309	1.85309	0.597823	0.681406	-1.46755	0.686153	0.746236	-1.34006	0.715746	0.768342	1.3015	1.70777	14.0431	7.30961	1
cg11189134	ADARB2	0.231333	0.0898626	0.612515	-1.63261	0.249435	1.35756	1.72746	0.216906	0.32362	-3.08973	0.0539156	-1.04831	0.488001	1.20288	1.20288	0.109353	0.63273	-1.58045	0.318763	1.31017	1.31017	0.346154	1.28971	1.28971	0.226214	0.716654	-1.39537	0.312515	0.760405	-1.31509	1.70775	1.85917	0.967705	1
cg19430105	EDEM2;EDEM2;EDEM2	0.231332	0.0871161	0.5054016	2.0	0.2	1.32802	1.32802	0.533593	1.22218	1.22218	0.0210705	0.414835	2.04932	1.31516	1.31516	0.0210705	0.414835	2.04932	1.31516	0.0210705	0.414835	2.04932	1.31516	0.0210705	0.414835	2.04932

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cg14427563	MIR1185-1	0.231627	0.795816	0.027723	-1.07791	-1.0727859	0.719341	-1.39016	0.0400753	0.505411	-1.97859	0.132679	0.628511	-1.59106	0.113662	0.607763	-1.64538	0.843236	1.05895	1.05895	0.92401	1.02798	1.02798	1.02798	0.0347382	0.513454	-1.94759	0.489471	0.816179	-1.22522	1.70654	2.26219	1.17831	1
cg14324805	SEC14L4,SEC14L4	0.231628	0.179657	0.423238	-2.36224	0.645038	1.32285	1.32285	0.58212	0.719066	-1.39069	0.406936	0.59948	-1.66811	0.018585	0.178832	-5.59183	0.991566	1.0064	1.0064	1.0041	0.437296	-2.28678	0.0971085	0.333447	-2.99898	0.237424	0.474006	-2.10968	1.70654	9.832091	5.121691	1
cg11171549	FXYD6;FXYD6;FXYD6;FXYD6;FXYD6	0.231163	0.770653	1.22996	1.22996	0.0059653	12.7483	12.7483	0.297444	2.14863	2.14863	0.813705	1.18193	1.18193	0.816348	1.17907	1.17907	0.529408	1.57009	1.57009	0.355515	1.96004	1.96004	0.827676	0.856961	-1.16691	0.509578	1.60591	1.60591	1.70653	13.5505	7.05812	1
cg04096435	AMD1;AMD1	0.231163	0.362418	0.751102	-1.33138	0.389704	1.30928	1.30928	0.424114	0.779119	-1.2835	0.0308733	1.17606	1.17606	0.817647	0.931818	1.07317	0.978838	0.573986	-1.74226	0.742839	1.1059	1.1059	0.891368	1.04186	1.04186	0.378241	1.31839	1.31839	1.70653	2.52657	1.31603	1
cg22586405	CDH22	0.231631	0.0671776	0.359834	-2.77906	0.144991	0.458478	-2.18113	0.176085	0.488383	-2.04757	0.260754	0.557446	-1.7939	0.0695137	0.363672	-2.74973	0.523467	0.724588	-1.38009	0.0460509	0.320133	-3.1237	0.120009	0.431565	-2.31715	0.368814	0.631361	-1.58388	1.70652	6.70801	3.49457	1
cg05403844	ARPC1B	0.231639	0.452711	0.903374	-1.10656	0.727435	1.04758	1.04758	0.967279	0.994566	-1.00546	0.984848	1.00253	1.00253	0.10597	1.26434	1.26434	0.724169	0.954204	-1.04819	0.0135032	1.758955	-1.39091	0.966719	1.00556	1.00556	0.0905431	1.780572	-1.28111	1.70649	0.476093	0.248418	1
cg06138422	ANKLE2	0.231643	0.0167377	0.704381	-1.41969	0.68063	1.05091	1.05091	0.353143	0.891693	-1.12146	0.425574	1.10255	1.10255	0.981476	1.00279	1.00279	0.692123	1.04891	1.04891	0.439127	0.909665	-1.09931	0.207387	1.17285	1.17285	0.627423	1.06044	1.06044	1.70648	0.389091	0.202674	1
cg26071978	AGPAT9	0.231644	0.989609	1.00201	1.00201	0.0548423	1.19357	1.19357	0.188903	1.18479	1.18479	0.280267	0.841243	-1.18872	0.794332	0.969367	-1.03189	0.728042	1.05524	1.05524	0.135113	0.780393	-1.28157	0.185106	1.147	1.147	0.129899	1.28658	1.28658	1.70647	0.641184	0.319388	1
cg06117404	PCMTD2;PCMTD2	0.231644	0.789028	0.941342	-1.06231	0.296515	0.7835DB	-1.27631	0.0579436	1.62116	1.62116	0.337378	0.800167	-1.24974	0.944827	1.08452	-1.01572	0.185467	1.37229	1.37229	0.47043	1.17999	1.17999	0.0582891	1.6198	1.6198	0.691983	0.699267	1.09144	1.09144	1.70647	1.37311	0.715241	1
cg21108859	PSMD9	0.231644	0.903768	1.04078	1.04078	0.0573188	0.491344	-2.03523	0.554758	0.820826	-1.21828	0.661151	1.15693	1.15693	0.424481	1.30939	1.30939	0.647221	0.858753	-1.16448	0.239687	1.50213	1.50213	0.0649869	1.98339	1.98339	0.307106	0.705102	-1.41823	1.70647	2.95181	1.53758	1
cg22986488	KIAA1429;KIAA1429	0.231645	0.636203	1.0823	1.0823	0.0756482	1.36057	1.36057	0.146559	1.17664	1.17664	0.189425	0.628857	-1.47602	0.0689387	0.504944	-1.98021	0.258706	1.73872	1.73872	0.163633	1.13215	1.13215	0.60744	0.800479	-1.24925	0.92879	1.02375	1.02375	1.70646	1.86468	0.970072	1
cg09861583	RAMP1	0.23166	0.427815	-1.19026	-1.92668	0.0139143	0.0853239	-11.72	0.0458765	0.15663	-6.38446	0.821607	0.852812	-1.20075	0.288704	0.40975	-2.44052	0.498246	0.572945	-1.74537	0.50545	0.57846	-1.72873	0.314178	0.430331	-2.32379	0.994936	0.994933	-1.00509	1.70641	17.7349	9.23836	1
cg00249205	STX16	0.231662	0.157201	0.331173	-3.01952	0.652249	1.3926	1.3926	0.0663389	4.50163	4.50163	0.449838	0.568663	-1.75851	0.103816	0.272704	-3.66698	0.804699	1.10384	1.10384	0.09541	2.07624	-2.07624	0.0722667	2.22545	2.22545	0.975894	1.02212	1.02212	1.70639	4.29783	2.23881	1
cg26763280	FBXO21;FBXO21	0.231663	0.128704	0.544757	1.83475	0.142324	1.8757	1.8757	0.0566294	2.36428	2.36428	0.229369	1.65365	1.65365	0.726235	0.803198	-1.54049	0.804699	1.10384	1.10384	0.09541	2.07624	-2.07624	0.0722667	2.22545	2.22545	0.975894	1.02212	1.02212	1.70639	4.29783	2.23881	1
cg09306022	PDGFA;PDGFA	0.231666	0.352847	0.866885	-1.15356	0.0419594	1.1914	1.4194	0.176851	1.23925	1.23925	0.513042	0.905632	-1.1042	0.522113	1.10177	1.10177	0.857727	0.97346	-1.02726	0.404075	0.88023	-1.13607	0.384323	0.875217	-1.14257	0.146506	1.26223	1.26223	1.70638	0.60339	0.314318	1
cg13606994	ARTN;ARTN;ARTN;ARTN;ARTN	0.231668	0.20045	0.567446	-1.76228	0.0241909	2.66616	2.66616	0.227756	1.69975	1.69975	0.302485	1.56446	1.56446	0.306479	1.10831	1.10831	0.0805233	2.25206	2.25206	0.241601	1.67123	1.67123	0.19637	0.464722	-2.15152	0.0822	0.858391	1.05002	1.05002	1.70638	4.74422	2.47137	1
cg02255721	INPP5A	0.231675	0.399021	0.845817	-1.18229	0.634663	1.09728	1.09728	0.874693	1.03108	1.03108	0.941983	1.01422	1.01422	0.137245	1.36402	1.36402	0.140538	1.35998	1.35998	0.0343484	1.61401	1.61401	0.278977	0.803881	-1.24397	0.563144	0.892822	-1.12004	1.70635	3.01648	0.529519	1
cg25100090	ZNF787	0.231676	0.0601708	0.449109	-2.22634	0.182644	1.94075	1.94075	0.342667	1.59161	1.59161	0.18548	0.624786	-1.60053	0.270606	1.46851	1.46851	0.283023	0.688204	-1.45306	0.162176	1.22947	1.22947	0.132051	1.39826	1.39826	0.577717	1.20732	1.20732	1.70634	3.0227	1.57983	1
cg19373813	HOXD9 ARFIP1;TIGD4;ARFIP1;ARFIP1;ARFIP1;A	0.231677	0.190499	0.12134	8.12134	0.0757586	0.19733	-5.06765	0.848485	0.854667	-1.17005	0.134107	0.265409	-3.76777	0.237159	0.75445	-1.7645	0.0934935	2.21884	-4.54784	0.888995	1.1215	1.1215	0.660094	0.695808	-1.43738	0.85282	0.85839	-1.16497	1.70634	18.2187	9.49074	1
cg21618713	RFIP1	0.23168	0.389221	1.1979	1.1979	0.124133	1.40598	1.40598	0.0973123	1.45112	1.45112	0.903596	1.02511	1.02511	0.289586	1.25225	1.25225	0.889394	1.02888	1.02888	0.0518734	0.635912	-1.57255	0.830173	0.956999	-1.04493	0.342567	1.22153	1.22153	1.70633	1.13165	0.589517	1
cg15204816	PPAP2A;PPAP2A;RNF13BP1	0.231682	0.149692	0.541335	-1.84729	0.29323	1.54223	1.54223	0.0782164	2.17587	2.17587	0.456106	1.35201	1.35201	0.186578	1.53715	-1.74425	0.323045	0.665399	-1.50286	0.257609	0.625372	-1.59905	0.500523	1.31219	1.31219	0.7145	1.15718	1.15718	1.70632	4.26652	2.2226	1
cg08857308	NCLN	0.231684	0.640988	1.07548	1.07548	0.0455331	1.59369	1.59369	0.0274141	2.55355	2.55355	0.0509185	1.89855	1.89855	0.0417533	1.70672	1.70672	0.0859385	1.44864	1.44864	0.0886122	0.654413	-1.44631	0.0998121	0.606955	-1.64803	0.0116511	-1.42928	0.017765	1.0397	1.0397	1.70631	0.964528	0.502464	1
cg17450425	PRDM14	0.231686	0.248595	3.42796	3.42796	0.377394	2.52238	2.52238	0.242657	3.48682	3.48682	0.492767	2.03721	2.03721	0.114054	5.7892	5.7892	0.42682	2.436571	-2.29058	0.945602	0.932672	-1.07219	0.0171956	19.4041	19.4041	0.351796	2.66129	2.66129	1.7063	28.1976	14.6894	1
cg19064523	TWIST1	0.231694	0.513549	0.743857	-1.34435	0.75366	1.15097	1.15097	0.152536	1.98254	1.98254	0.521731	1.33646	1.33646	0.256192	0.585936	-1.70667	0.361198	0.657567	-1.52076	0.0765501	2.46603	2.46603	0.078922	2.39012	2.39012	0.464462	1.39448	1.39448	1.70627	5.39033	2.80812	1
cg16893463	ASAP1	0.231696	0.271377	2.05612	2.05612	0.0854104	1.1084	1.1084	0.288776	1.33125	1.33125	0.119415	1.43391	1.43391	0.125505	1.54341	1.54341	0.923625	1.280889	1.280889	0.0194648	1.2809	1.2809	0.622483	1.090465	-1.10502	0.442548	0.854229	-1.17065	1.70626	1.09426	0.570061	1
cg01554625	TUBB	0.231698	0.578679	0.926801	-1.07898	0.684712	0.946182	-1.05688	0.170035	1.21901	1.21901	0.60502	0.931739	-1.07326	0.560852	1.08295	1.08295	0.106457	1.26983	1.26983	0.049068	0.737518	-1.3559	0.219743	0.839563	-1.1911	0.844608	0.973758	-1.02695	1.70625	0.496255	0.258529	1
cg25100090	ZNF787	0.231699	0.863563	0.936409	-1.0683	0.123663	1.23468	1.23468	0.270648	0.810225	1.23208	0.212108	1.22441	1.22441	0.210405	1.23593	1.23593	0.824888	1.12488	1.12488	0.0780901	0.820121	1.12488	0.0232146	0.244757	2.03246	2.03246	0.0237388	0.146818	0.418138	0.157388	-1.61973	1.70625	9.18124	4.78306	1
cg10884174	TRIM7;TRIM7	0.231702	0.337008	1.16925	1.16925	0.0181157	1.57359	1.57359	0.828802	0.96037	-1.0348	0.380098	0.855568	-1.16881	0.852662	0.799796	-1.25032	0.653708	1.07394	1.07394	0.79305	1.04538	1.04538	0.482702	0.892348	-1.12064	0.907568	0.98182	-1.01852	1.70624	0.674306	0.351289	1
cg26635312	MUC6	0.231702	0.802926	1.06375	1.06375	0.826805	0.904338	-1.10578	0.95428	1.02666	1.02666	0.86567	1.08079	1.08079	0.0871643	0.420137	-2.37905	0.167481	0.509076	-1.96434	0.0367023	0.328129	-3.04573	0.409297	0.678932	-1.4729	0.0555592	0.369137	-2.70902	1.70624	5.68999	2.96428	1
cg11429991	USP13;USP33;USP33	0.231705	0.216163	0.768349	-1.30151	0.3915	1.19361	1.19361	0.0851485	1.61599	1.61599	0.164902	1.28187	1.28187	0.0412247	1.27943	1.27943	0.684627	1.08955	1.08955	0.260548	0.816183	-1.22522	0.343374	0.814633	-1.22795	0.271857	1.27155	1.27155	1.70622	1.18009	0.621041	1
cg00139959	DOCK1	0.231707	0.274439	0.596607	-1.67614	0.36121	1.5316	1.5316	0.60819	1.2642	1.2642	0.0782164	2.17587	2.17587	0.456106	1.35201	1.35201	0.186578	1.53715	-1.74425	0.323045	0.665399	-1.50286	0.257609	0.625372	-1.59905	0.500523	1.31219	1.31219	0.7145	1.15718	1.15718	0.136432	4.26652	2.2226	1
cg13518298	CNTFR;CNTFR;CNTFR;CNTFR	0.23171	0.340988	1.15648	1.15648	0.0632541	1.16505	1.16505	0.0527141	2.16505	2.16505	0.0601781	1.88139	1.88139	0.0130041	2.01564	2.01564	0.0170602	1.76602	1.76602	0.0139264	1.84701	1.84701	0.0178262	1.84864	1.84864

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. 477 vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 377 vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5637T vs. N)	p-value(563T vs. 63T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg19433066	SUCLG2		0.6703372	0.026427	-1.08152	1.08195244	1.92301	1.42301	0.527565	0.8884452	1.12429	0.0669726	0.686716	-1.45623	0.427825	0.862285	-1.15971		0.092874	0.712906	-1.40271	0.85777	0.9677	-1.03338	0.783437	1.05172	0.402257	1.16988	1.16988	1.70504	0.9046227	0.1471609	1
cg14651742	MYT1L		0.2319198	0.555193	1.24989	1.24989	0.27191	1.53336	0.534098	0.1922568	1.22268	0.3197131	1.46863	1.46863	0.418091	0.73398	-1.36244		0.185784	1.68941	1.68941	0.98658	1.00631	1.00631	0.02321154	0.3627202	-2.75708	0.912893	0.959926	-1.04175	1.70503	3.77248	1.96672	1
cg06194982	HMCN1;HMCN1		0.2319999	0.0485792	0.446749	-2.23839	0.5281198	0.795683	-1.25678	0.240207	0.6441169	-1.55239	0.975348	0.9890089	-1.01111	0.0432312	0.435326	-2.29713		0.740384	0.887876	-1.12628	0.164471	0.588329	-1.69973	0.07590032	0.493381	-2.02683	0.8683227	1.06114	1.06114	1.70503	3.45404	1.80071	1
cg13899320	ATP1D1;ATP1D1		0.2320103	0.6755573	0.858914	-1.16421	0.0342158	2.441125	2.441125	0.1220613	0.5921663	-1.80844	0.869922	1.06099	1.06099	0.222471	1.58902	1.58902	0.2400684	1.62619	1.62619	0.505574	0.783478	-1.27636	0.7034057	0.8700985	-1.14813	0.558364	1.23838	1.23838	1.70501	3.52348	1.83693	1
cg12159302	MCRS1		0.2320203	0.436187	1.08323	1.08323	0.242756	1.13091	1.13091	0.0381896	1.23951	1.27351	0.397447	1.09111	1.09111	0.0511355	1.25048	1.25048		0.842583	0.980189	-1.02021	0.100621	1.1984	1.1984	0.366007	1.09797	1.09797	0.60111	0.948298	-1.05452	1.70501	0.27349	0.142581	1
cg23554546	UPF1B;UPF3B		0.2320404	0.0734913	0.144322	-6.92893	0.0093129	0.163563	-6.11384	0.837234	0.8319109	-1.22084	0.278293	0.9849	0.9849	0.339553	0.384827	2.59827		0.0754976	0.146695	-6.81685	0.910248	1.11573	1.11573	0.467598	2.04822	2.048222	0.826349	1.23786	1.23786	1.70501	25.40192	13.2468	1
cg01940037	PGRMC2 NFATC1;NFATC1;NFATC1;NFATC1;NFAT		0.2320505	0.0278171	0.196462	-5.09005	0.717874	0.79685	-1.25494	0.777135	1.19436	1.19436	0.41779	0.595571	-1.67906	0.206324	0.434187	2.30315		0.250784	0.471869	-2.11923	0.0398891	0.226118	-4.42247	0.314264	0.521344	-1.91812	0.193651	0.422811	-2.36512	1.705	10.5779	5.51472	1
cg00110171	C1		0.2320707	0.148278	2.46164	2.46164	0.10297	2.81864	2.81864	0.0365593	0.4101514	1.40151	0.850161	0.8959559	-1.11612	0.208509	2.16023	2.16023		0.567836	0.7150447	-1.39851	0.605819	1.3531	1.3531	0.0371483	1.01653	1.01653	0.332201	0.559267	-1.78805	1.705	9.11236	4.75067	1
cg19227606	NADSYN1		0.2320707	0.4920151	0.881173	-1.13485	0.620129	0.9134	-1.09481	0.8801679	1.42178	1.42178	0.709791	1.07011	1.07011	0.434217	0.865323	-1.15564		0.177567	1.29662	1.29662	0.0328296	1.57238	1.57238	0.70503	0.93338	-1.07137	0.542912	1.11812	1.11812	1.70499	0.88744	0.462662	1
cg18684656	AKT1;AKT1;AKT1 GPER;Cfor750;GPER;C7or750;C7orf50;C		0.2321001	0.828083	1.08705	1.08705	0.794655	1.16443	1.16443	0.3412343	0.6498263	1.26825	0.266825	1.22294	1.22294	0.0644364	1.29722	1.29722		0.0397541	2.49148	2.49148	0.0084264	0.956785	-1.04511	0.985149	0.990888	-1.00716	0.867369	1.06628	1.06628	1.70498	3.98111	2.07554	1
cg27010526	PER		0.2322025	2.81744	2.81744	0.0125524	12.3443	12.2443	0.0614476	5.47313	5.47313	0.379544	2.06963	2.06963	0.440425	1.88669	1.88669		0.381971	2.0616	2.0616	0.252896	2.62103	2.62103	0.35511	2.1545	2.1545	0.731868	1.31985	1.31985	1.70498	17.5805	9.16554	1
cg14428178	GLP2R		0.2323201	0.0643635	0.350316	-2.85457	0.302904	0.587574	-1.70191	0.158844	0.4704439	-2.12568	0.0763164	0.370186	-2.70134	0.0262704	0.261254	-3.8277		0.340031	0.612879	-1.63164	0.985728	1.0089	1.0089	0.357179	0.624169	-1.60213	0.368628	0.631587	-1.58331	1.76958	6.73899	2.96197	1
cg13407274	SEC16A		0.2323214	0.665627	0.877482	-1.13962	0.182605	0.65366	-1.52985	0.0832942	0.5619611	-1.77948	0.0817016	0.424578	-2.35528	0.656762	0.874201	-1.1439	0.328547	0.738495	-1.3541	0.2942104	0.124795	2.41585	0.3326365	0.740516	-1.35041	1.70497	2.43999	1.27209	1
cg15705060	TH1D7B DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2		0.2323296	0.1349292	2.455923	-2.29398	0.5111082	1.40882	-1.40882	0.53202	1.63409	1.63409	0.94869	1.04231	1.04231	0.715417	0.828377	-1.20718		0.842614	1.10763	1.10763	0.274586	1.79419	1.79419	0.0291137	2.0265518	-1.75209	0.84455	0.903982	-1.10622	1.70495	1.73994	3.72247	1
cg19247551	A1BP2A		0.2323202	0.561443	0.728574	-1.37354	7	7	0.6973114	1.23362	1.23362	0.0431554	0.253654	-3.94238	7	7	7	7	7	7	7	7	0.706315	0.816034	-1.22544	2.005639	3.714492	2.31497	1
cg21869704	EGFL8		0.2323202	0.722115	0.857816	-1.16575	0.1148643	3.621	3.621	0.590557	2.16273	1.26273	0.579924	0.786537	-1.2714	0.497155	1.34456	1.34456		0.987732	1.00663	1.00663	0.779428	2.37377	2.37377	0.422452	1.42179	1.42179	0.369273	1.48591	1.48591	1.70494	4.98081	2.59679	1
cg16987804	AHCTF1		0.2320222	?	?	?	0.600149	1.41397	1.41397	?	?	?	0.299126	2.03738	2.03738	0.947904	1.04358	1.04358		0.647411	1.35169	1.35169	0.0278084	0.164008	-6.09727	0.378821	0.551625	-1.81283	0.4001099	0.567199	-1.76305	1.86809	9.33966	4.28535	1
cg27503970	EIF5B;TNNDC1;EIF5B		0.2320228	0.581812	0.935154	-1.06934	0.7190179	0.824535	-1.21248	0.273098	0.14738	1.14738	0.0830217	0.7957473	1.22223	0.122135	1.2238	1.2238		0.764611	1.03686	1.03686	0.670932	0.949693	-1.05297	0.141011	0.829274	-1.21025	0.915538	1.01287	1.01287	1.70491	0.992282	0.204524	1
cg20483215	OTOP2;USH1G;USH1G		0.2320303	0.750738	0.896944	-1.12398	0.5527217	0.436313	-2.29193	0.737492	0.8810002	-1.13507	0.542549	0.792818	-1.26132	0.202856	1.14469	1.14469		0.417463	0.731922	-1.36627	0.052993	2.28918	2.28918	0.35037	0.696263	-1.43624	0.308776	1.48696	1.48696	1.7049	3.83021	1.99697	1
cg07144452	FYN;FYN;FYN		0.2320334	0.484427	1.20855	1.20855	0.0145554	1.1289	1.1289	0.0954049	0.10661	0.7022483	0.0826057	0.5557744	1.80062	0.0822623	1.80062	1.80062		0.219544	1.98347	1.98347	0.0115342	2.7515251	2.18681	0.0121398	2.1498528	1.44854	0.0133346	1.51731	1.51731	1.70492	6.19312	3.0934433	1
cg23941268	PPP4R2		0.2320356	0.502862	0.818246	-1.22213	0.457552	1.25004	1.25004	0.0460909	1.96261	1.96261	0.33487	0.745728	-1.34097	0.141734	0.62745	1.59375		0.51668	0.823686	-1.21406	0.266851	0.711961	-1.40457	0.252887	1.42234	1.42234	0.802417	1.07677	1.07677	1.70488	2.34994	1.22521	1
cg18008819	SHANK2;SHANK2		0.2320418	0.579268	0.870129	-1.14926	0.665064	0.897454	-1.11426	0.0622374	0.5937	-1.68435	0.161846	1.44923	1.44923	0.20236	1.37721	1.37721		0.397334	0.806324	-1.2402	0.900332	1.03161	1.03161	0.517043	0.849447	-1.17724	0.082186	0.619833	-1.61334	1.70486	1.6659	0.868576	1
cg17372841	BUD31		0.2320442	0.2653463	0.7972121	-1.25452	0.6545409	0.807337	-1.23864	0.1504264	0.8328397	0.974977	-1.02567	0.6632528	1.55342	0.0126853	1.55342	1.55342		0.171208	0.643079	-1.55476	0.103829	0.656055	-1.52511	0.0159307	0.636086	-1.57211	0.557451	0.84616	-1.18181	1.70486	2.14054	1.11605	1
cg10641615	HOTAIR		0.2320443	0.246304	0.754088	-1.32611	0.480611	1.18164	1.18164	0.375999	1.23553	1.23553	0.440488	0.819759	-1.21987	0.877754	0.964802	-1.03648		0.034247	0.562677	-1.77722	0.875192	1.03727	1.03727	0.456867	1.1929	1.1929	0.127029	1.46841	1.46841	1.70485	1.46323	0.762912	1
cg12349181	BAIAP2;BAIAP2;BAIAP2;BAIAP2;BAIAP2		0.2320457	0.372886	1.16239	-1.16239	0.1335573	1.23912	1.23912	0.1029794	1.01546	1.01546	0.611193	0.8201232	1.12461	0.27107	0.8594653	-1.16353		0.73665	1.1709	1.1709	0.515706	1.1276	1.1276	0.0410564	1.0407	1.0407	0.73483	1.04083	1.04083	1.70485	0.54583	0.63086	1
cg18558770	DEFB105B;DEFB105A		0.2320503	0.695192	0.926136	-1.07975	0.762012	0.94253	-1.06097	0.185327	0.760553	-1.31483	0.471855	0.867092	-1.15328	0.126385	1.3802	1.3802		0.804744	1.04945	1.04945	0.679626	1.64625	1.64625	0.356936	0.831413	-1.20277	0.967991	1.902211	1.00785	1.70481	1.02529	0.534586	1
cg06408533	STARD8;STARD8		0.2320505	0.315149	0.580822	-1.7217	0.172342	0.467751	-2.13789	0.579911	0.746427	-1.33972	0.276783	1.80707	1.80707	0.281107	0.556552	-1.79678		0.024905	0.24752	-4.04007	0.482014	0.688116	-1.45324	0.272967	0.550563	-1.81632	0.457187	1.48595	1.48595	1.7048	7.38784	3.85205	1
cg01252104	GAUN7		0.2320509	0.581812	0.935154	-1.06934	0.7190179	0.824535	-1.21248	0.273098	0.14738	1.14738	0.0830217	0.7957473	1.22223	0.122135	1.2238	1.2238		0.764611	1.03686	1.03686	0.670932	0.949693	-1.05297	0.141011	0.829274	-1.21025	0.915538	1.01287	1.01287	1.70481	0.992282	0.204524	1
cg08689009	FMNL2		0.2320651	0.632056	0.872111	-1.14664	0.106814	0.606894	-1.64773	0.090079	0.588676	-1.69873	0.885439	1.04174	1.04174	0.064016	0.548514	-1.82311		0.532697	1.19631	1.19631	0.165957	1.51377	1.51377	0.936862	1.02273	1.02273	0.86675	0.953484	-1.04879	1.70476	2.1722	1.13262	1
cg09225139	C20orf29		0.2320677	0.634737	0.887204	-1.12705	0.4015514	0.71439	-1.39984	0.1838623	0.818823	0.586521	0.1658855	0.5009987	1.99585	0.0028503	1.99585	1.99585		0.654577	1.20857	1.20857	0.0284669	1.68733	1.68733	0.0144659	1.4972	1.4972	0.0104551	1.84656	1.84656	1.70475	10.93352	5.7511	1
cg05459190	STK32C		0.2320068	0.152884	0.46144	-2.16713	0.1494357	0.220457	-4.53604	0.174562	0.482109	-2.07422	0.237385	0.535077	-1.86889	0.354604	0.618091	-1.61788		0.211957	0.514654	-1.94305	0.114407	0.420007	-2.38091	0.405419	0.650484	-1.53732	0.864655	0.917421	-1.09001	1.70475	5.89107	3.59314	1
cg24024042	KIAA1949;KIAA1949;KIAA1949 CSGALNACT1;CSGALNACT1;CSGALNAC		0.2321207	0.30344	0.58617	-1.16466	0.194745	0.821884	-1.21672	0.614536	0.929954	-1.07532	0.438988	0.893255	-1.1195	0.311763	0.861007	-1.16143		0.662638	0.939151	-1.06479	0.0111545	0.634501	-1.57604	0.810735	0.10491	1.03491	0.108343	0.778408	-1.28467	1.70474	0.552179	0.287918	1
cg06419180	T1		0.2320271	0.0344594	0.310983	-3.21561	0.710562	0.838174	-1.19307	0.607133	0.782226	-1.2784	0.347802	0.632681	-1.58058	0.419536	0.676656	-1.47786		0.215031	0.538983	-1.85535	0.0184942	0.258476	-3.86883	0.944586	0.967616	-1.03347	0.341942	0.62894	-1.58998	1.70474	6.05519	3.15732	1
cg10206190	RCC2;RCC2		0.2320272	0.756343	0.891109	-1.12218	0.5273509	0.85493	-1.16958	0.2815977	0.85493	0.854193	0.2815977	0.5746	1.74046	0.0275746	1.74046	1.74046		0.881654	1.1352	1.1352	0.618329	1.53601	1.53601	0.774306	0.944629	-1.05913	0.746473	0.9561	-1.04619	1.70473	0.92179	0.482179	1
cg23719938	CLK2		0.2320274	0.413744	1.31428	1.31428	0.812832	0.925352	-1.08067	0.286691	0.696376	-1.436	0.558685	1.21341	1.21341	0.698079	1.13599	1.13599		0.443809	0.770106	-1.29852	0.0185332	0.392298	-2.54466	0.261154	1.46711	1.46711	0.518603	1.23867	1.23867	1.70472	2.8884	1.50609	1
cg18515171	HEATR6		0.2320279	0.172621	0.780932	-1.26609	0.5981075	0.708079	-1.41227	0.527947	0.9012791	0.960279	-1.10953	0.186565	0.796448	-1.25558	0.241509	1.22052	1.22052		0.9265	0.985114	-1.01511	0.0507483	0.696421	-1.43591	0.928131	1.01477	1.01477	0.931066	0.986035	-1.01416	1.7047	0.713337	0.371958	1
cg16760291	SBF1		0.2320282	0.366341	0.801449	-1.24797	0.961852	0.758138	-1.31896	0.2810251	0.779623	-1.28283	0.2810251	0.779623	-1.28283	0.2810251	0.779623	-1.28283		0.140888	0.837248	-1.19464	0.153629	1.06405	1.06405	0.179057	0.852066	-1.17362	0.0623533	0.790338	0.790338	1.70469	0.339625	0.177093	1
cg22791545	RTN4RL1		0.2320287	0.383759	0.61081	1.61081	0.236971	0.516139	-1.93746	0.0651042	0.331042	-3.02077	0.765593	0.852481	-1.17305	0.360993	0.605765	1.65081		0.135199	0.36221	2.76021	0.720158	1.2117	1.2117	0.103138	0.386095	-2.59003	0.523858	0.708348	-1.41174	1.70467	7.6929	4.01141	1
cg06695833	MAST3		0.2320301	0.29596	0.643004	-1.55501	0.2974649	0.745468	-1.34158	0.1844304	0.727977	-1.37377	0.2729077	0.624204	-1.60183	0.1973859	0.574973	-1.73894		0.837639	0.951798	-1.05064	0.0371759	0.558516	-1.79046	0.661825	0.899451	-1.11179	0.450009	1.20362	1.20362	1.70465	1.56512	0.816129	1
cg15981475	TIMP2		0.2320302	0.0813541	0.628026	-1.59229	0.252848	0.75009	-1.33317	0.11794	0.664466	-1.50497	0.632186	1.12312	1.12312	0.253566	0.750445	-1.33254		0.50837	1.12053	1.12053	0.367647	0.775407	-1.28964	0.17655	1.1153	1.1153	0.367647	0.775407	-1.28964	1.70465	2.03979	1.08265	1
cg14538053	RPP21		0.2320303	0.620956	0.927193	-1.07849	0.6249663	0.91326	-1.1536	0.602136	0.91592	1.15593	0.921607	1.02478	1.02478	0.0205435	0.854849	1.17047		0.73107	1.20253	1.20253	0.0446955	1.1153	1.1153	0.367647	0.775407	-1.28964	0.17655	1.20979	1.20979	1.70465	2.03979	1.08265	1
cg19599943	MIR1265		0.2320494	0.832281	0.921488	-1.08452	0.0102738	0.287341	-3.48018	0.2039763	0.765654	-1.30617	0.1497267	0.2094296	-4.77295	0.1100137	0.499267	-2.00294	0.829445	0.8644504	-1.15694	0.0244664	0.908438	0.9040108	0.9308	-1.07443	0.7134	0.4312	-2.31824	1.70465	0.965715	-1.03443	1.70464	4.01232	2.09271	1
cg02530464	ZNF346		0.2320497	0.649603	0.929213	-1.07618	0.918807	1.09077	1.09077	0.885587	1.02338	1.02338	0.0206234	0.639213	-1.56442	0.582204	1.09329	1.09329		0.302765	0.842526	-1.18691	0.0993206	0.748265	-1.33642	0.157847	0.784747	-1.2743	0.5068869	0.897544	-1.11415	1.70463	0.695616	0.362733	1
cg16734875	GRHL3;GRHL3;GRHL3		0.2321035	0.1124087	0.889552	-1.12431	0.1455883	0.552204	-1.81062	0.0204204	0.3167807	0.4107185	-2.43511	0.3533535	-2.83167	0.1736026	0.4564551	-2.19107	0.2649297	0.6033833	-1.65781	0.1153206	0.8670995	0.9194024	0.8533455	-1.17183	0.2255251	0.6188021	-1.61584	1.18685	0.5509945	0.813793	1.22885	1.70462	1.31475	1.64195	1
cg11257823	MYO1C;MYO1C		0.2321039	0.531121	0.808212	-1.2373	0.0499905	0.16445	-2.16445	0.325047	0.140648	0.140648	0.456663	0.766185	-1.30517	0.309457	0.702563	-1.42336		0.398271	0.748056	-1.3368	0.131555	0.570904	-1.72699	0.422241	1.31672	1.31672	0.455344	0.774756	-1.29073	1.70458	3.04121	1.5859	1
cg20748261	LHFPL5		0.2321059	0.835346	1.08278	1.08278	0.9109	1.1013	1.1013	0.8489526	1.880615	1.880615	0.509985	0.827589	-1.20803	0.147117	0.643735	-1.55343		0.511075	1.07772	1.07772	0.326266	0.750525	-1.3324	0.563926	0.847743	-1.1796	0.1505727	0.646446	-1.54692	1.70458	2.16448	1.12871	1
cg20135281	LOC115658;LOC115658		0.2321112	0.33879	0.7955	-1.3826	0.0865674	0.1636865	-1.86266	0.60719	0.8443145	-1.18575	0.991362	0.9964349	-1.00356	0.17005	0.8186408	-1.22139	0.8442	0.8442	-1.18444	0.1692	0.8442	-1.18444	0.1692	0.8442	-1.18444	0.1692	0.8442	-1.18444	1.70457	0.8442	-1.18444	1.70457	2.91448	1.51983	1
cg04297819	HSPG2		0.2321122	0.227562	0.636196	-1.57184	0.684888	1.1568	1.1568	0.116757	0.544199	-1.83756	0.300502	0.681782	-1.46674	0.180755	0.583442	-1.71397		0.0532924	0.456644	-2.18989	0.0890903	0.511988	-1.95317	0.818062	0.921025	-1.08575	0.0845797	0.506065	-1.97603	1.70457	3.44129	1.79455	1
cg08188483	MIR24-2		0.2321237	0.571729	0.849743	-1.17722	0.4764569	0.743453	-1.34574	0.3784799	0.6092	-1.64126	0.3315	0.698703	-1.43122	0.2145283	0.513638	-1.9469		0.420197	1.0991	1.0991	0.809156	1.24509	1.24509	0.0813857	1.07123	0.3019085	0.780245	-1.26704	1.04061	1.70457	3.21288	1.68405	1
cg12748491	PALLD;PALLD;PALLD;PALLD		0.2321327	0.982896	0.98661	-1.01357	0.2005321	0.172912	-5.78328	0.051415	0.247927	-4.03144	0.56645	0.694603	-1.43967	0.542621	0.678709	-1.47339		0.488853	0.642646	-1.55607	0.235859	0.457869	-2.18403	0.625716	1.36223	1.36223	0.205627	0.431855	-2.31559	1.70451	10.6754	5.56715	1
cg18376513	SLC7A5DS		0.2321329	0.744873	-1.34251	0.0183344	0.373208	-2.67947	0.1155051	0.554792	-1.80248	0.4254464	0.755605	-1.32427	0.3567988	0.542402	0.7556	-1.32356		0.50887	1.1212	1.1212	0.561525	1.10798	1.10798	0.4555	1.1153	1.1153	0.367647	0.775407	-1.28964	1.70455	2.03979	1.08265	1
cg05499272	TNK8		0.2321328	0.943039	0.72764	1.02764	1.764547	1.76041	1.76041	0.0216894	0.349341	-2.86253	0.417422	0.728903	-1.37193	0.149227	1.5542243	1.8042		0.540239	0.78931	-1.26693	0.572745	1.24293	1.24293	0.0742152	0.776084	-1.28852	0.931891	0.967909	-1.03316	1.7045	0.31692	0.204983	1
cg07595943	ADAD2;ADAD2		0.2321336	0.155867	0.584122	-1.71197	0.0570009	2.14392	2.14392	0.448803	0.760845	-1.31433	0.819819	1.08414	1.08414	0.508744	0.788694	-1.26792		0.199569	0.618832	-1.61595	0.531093	1.25191	1.25191	0.453149	1.31077	1.31077	0.152943	0.58158	-1.71946	1.70447	3.385	1.76529	1
cg23215970	MDN1		0.2321437	0.1124087	0.889552	-1.12431	0.1455883	0.552204	-1.81062	0.0204204	0.3167807	0.4107185	-2.43511	0.3533535	-2.83167	0.1736026	0.4564551	-2.19107	0.2649297	0.6033833	-1.65781	0.1153206	0.8670995	0.9194024	0.8533455	-1.17183	0.2255251	0.6188021	-1.61584	1.18685	0.5509945	0.813793	1.22885	1.70447	1.31475	1.64195	1
cg06891491	ZNF75D		0.2321443	0.126854	0.81247	-2.39093	0.0160746	0.211144	-4.7361	0.107592	0.3935	-2.5413	0.959811	0.937749	-1.02696	0.212907	0.500318	-1.99873		0.192432	0.482733	-2.07154	0.390351	0.628355	-1.59146	0.895162	0.932768	-1.07208	0.708517	0.820164	-1.21927	1.70444	7.52285	3.92326	1
cg04368716	BAG5;BAG5;BAG5;C14or153		0.2321447	0.365628	0.768483	-1.31784	0.6572375	0.64598	-1.54854	0.1281101	0.641552	-1.18552	0.1102385	0.481172	-2.07811	0.0440207	0.4157	-2.4057		0.0328868	0.747484	-1.34865	0.166047	0.894663	-1.11774	0.1417	1.17028	1.17028	0.085218	0.997177	-1.00284	0.0743795	0.2124886	0.1108	1
cg16096176	AGAP1;AGAP1		0.2321447	0.873409	0.863685	-1.15783	0.103198	0.194327	-5.14596	0.423158	0.471477	-2.12099	0.205385	3.414407	3.414407	0.320971	0.38968	2.56621		0.397114	0.450717	-2.21869	0.630289	1.56163	1.56163	0.0624018	1.87347	1.87347	0.362143	2.36523	2.36523	1.70443	22.802	11.8917	1
cg18713230	FOXK1		0.2321449	0.397277	0.68421	2.68421	0.651145	0.59539	-1.67957	0.836236	1.265911	1.265911	0.2646533	3.97663	3.97663	0.107305	1.54526	1.54526		0.192931	0.80476	1.80476	0.143784	0.167092	-5.98471	0.024074	0.214508	0.613725	1.7857	1.7857	1.70442	35.0296	18.2687	1
cg20774650	TMEM456		0.2321455	0.1124087	0.889552	-1.12431	0.1455883	0.552204	-1.81062	0.0204204	0.3167807	0.4107185	-2.43511	0.3533535	-2.83167	0.1736026	0.4564551	-2.19107	0.2649297	0.6033833	-1.65781	0.1153206	0.8670995	0.9194024	0.8533455	-1.17183	0.2255251	0.6188021	-1.61584	1.18685	0.5509945	0.813793	1.22885	1.70442	1.31475	1.64195	1
cg06768644	USP49		0.2321555	0.595782	1.34735	1.34735	0.769189	0.848861	-1.17805	7	7	7	0.130158	0.443273	-2.25594	0.0163345	0.194974	-5.12889		0.448437	1.53756	1.53756	0.70442	1.2402	1.2402	0.530642	0.702075	-1.42435	0.897928	1.07409	1.07409	1.70368	7.46845	4.36579	1
cg08188993	LOC401463		0.2321563	0.522788	0.767126	1.30357	0.1080442	0.354528	2.82065	0.190847	0.56726	-1.76286	0.2695549	0.614472	-1.55891	0.1122461	0.604047	-1.65545		0.0490502	0.98635	-1.01405	0.942165	0.604683	-1.65341	0.0775497	1.01448	1.01448	0.19857	0.73437	-1.74387	1.70437	4.52235	2.35957	1
cg07207836	HEMK1;C3or

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
ap16562251	TADA1;TADA1	0.232372	0.193007	0.459114	-1.585	0.07483012	0.514332	-1.94427	0.19607	0.633133	1.537945	0.667121	0.186533	-1.15566	0.02253898	0.401346	-2.49162	0.291661	0.693631	-1.44169	0.556096	0.819884	-1.21969	0.473129	1.27628	1.27628	0.385931	0.742918	-1.34604	1.70351	3.01584	1.57366	1
ch132280536	MGAT5B;MGAT5B	0.232378	0.878076	0.94924	-1.05347	0.08185616	2.63441	2.63441	0.105444	1.82254	1.822554	0.812661	0.0839	1.0839	0.228976	0.6515552	-1.5348	0.906351	1.04074	1.04074	0.764295	0.902992	-1.10743	0.415407	1.32641	1.32641	0.82669	0.928293	-1.07725	1.70349	3.10662	1.62105	1
ap16773799	GRHL1	0.23238	0.0672071	0.78132	-1.27989	0.9651171	0.994761	-1.00527	0.493222	0.919694	-1.08732	0.855041	0.978239	-1.02224	0.447526	1.0976	1.0976	0.41325	0.904267	-1.10587	0.423685	0.906374	-1.1033	0.165041	1.19502	1.19502	0.07061224	1.275115	1.27515	1.70348	0.390472	0.203751	1
ap02160684	TRIB1	0.232384	0.542412	0.823227	-1.21469	0.5553383	1.206091	1.206091	0.542624	1.23453	1.234531	0.290918	1.412932	1.412932	0.558971	1.20489	1.20489	0.01676364	2.51118	2.51118	0.781686	1.09157	1.09157	0.261298	1.447	1.447	0.195483	0.649127	-1.54006	1.70347	2.68382	1.40045	1
ap16963127	EPB41L2;EPB41L2;EPB41L2	0.232386	0.0906974	0.503768	-1.98504	0.348423	0.701089	-1.42635	0.0559702	0.450933	-2.21763	0.718604	0.8731636	-1.14238	0.120135	0.529109	-1.88997	0.978014	0.989914	-1.01019	0.0431136	0.424835	-2.35386	0.384616	0.720418	-1.38808	0.151749	0.568395	-1.75934	1.70346	3.65096	1.90512	1
ch-12.10386460GIP2B	GIP2B	0.232389	0.775794	0.85996	-1.16285	0.23657	0.519311	1.92563	0.345141	0.595547	-1.67913	0.6682831	0.3400882	-2.94044	0.0156373	0.208903	-4.78607	0.249722	0.529628	-1.88811	0.64597	0.781185	-1.27864	0.12723	0.4645447	-2.15263	0.958896	0.971846	-1.02897	1.70345	7.53146	3.93005	1
ap14021168	ODF4	0.232391	0.0879617	0.384224	-2.60265	0.0509322	0.323171	-3.09434	0.269896	0.557892	-1.79246	0.898768	0.66679	1.06679	0.0331803	0.282293	-3.54242	0.305348	0.58324	-1.71456	0.503368	0.708239	-1.41195	0.174223	0.479878	-2.08386	0.332815	0.602014	-1.66109	1.70344	6.9613	3.63255	1
ap17836679	BANP;BANP	0.232392	0.557243	0.794659	-1.16318	0.0919471	0.381076	-1.94315	0.0957655	0.636571	-1.57107	0.702728	1.2204	1.2204	0.0134426	0.193247	-5.17471	0.946939	0.966019	-1.03518	0.741093	1.21333	1.21333	0.952638	0.969618	-1.03133	0.496642	0.698711	-1.43121	1.70343	7.27949	3.7086	1
ap00463551	PDI11	0.232393	0.353847	0.813392	-1.22942	0.552087	0.877873	-1.13912	0.675343	0.932301	-1.09613	0.185774	1.35497	1.35497	0.0852996	0.510968	-1.95824	0.774703	0.955202	-1.29006	0.0995	0.777125	-1.28675	0.0995	0.185274	0.737739	-1.35549	0.1171959	0.691762	-1.44558	0.433075	1.88912	1.18912	0.453666	0.847759	-1.17958	1.70343	2.67629	0.659996	1
ap13270236	UBR2	0.232394	0.683716	0.897672	-1.11399	0.129944	1.538938	1.538938	0.782761	1.07556	1.07556	0.652164	1.12703	1.12703	0.104552	0.626506	-1.59615	0.310644	0.758452	-1.31848	0.742748	0.916858	-1.09068	0.0485665	1.81088	1.81088	0.52637	0.844348	-1.18435	1.70342	1.8739	0.977845	1
ap02483180	EFEMP2	0.232396	0.7167977	1.064	-1.06893	0.3362045	1.1809	1.1809	0.8052	1.2353	1.23533	0.943507	0.9880005	-1.01214	0.4808442	1.1299	1.1299	0.2612797	1.54902	1.54902	0.5963498	1.14199	1.14199	0.7477166	1.0408286	-1.11076	0.1194041	0.791385	-1.26361	1.70342	0.792226	0.408187	1
ap02904344	SGK1;SGK1;SGK1	0.2324	0.446321	1.79764	2.925115	2.61839	2.618393	2.618393	0.819044	0.841031	-1.18902	0.346364	0.8410314	-1.18902	0.346364	0.2228072	2.64501	2.64501	0.284759	2.31515	2.31515	0.0481123	5.51058	5.51058	0.0347814	6.41737	6.417337	0.0956831	3.98568	3.98568	1.7034	15.399	8.0357	1
ap20905516	GUCY1A2	0.2324	0.521701	1.394162	1.934432	0.824045	0.779133	1.25387	0.961983	0.430022	-2.4389	0.285367	0.328722	3.087226	0.0125986	3.37272	3.37272	0.345376	2.68194	2.68194	0.0990964	0.0882768	-11.328	?	?	?	0.928339	2.957353	2.70666	24.9402	14.5293	1
ap20840056	DEPDC1B;DEPDC1B	0.2324	0.38653	2.46856	2.46856	2.0913091	0.296009	-3.37827	0.807823	1.66516	1.66516	0.2533132	2.233563	-4.28149	0.959731	3.02141	3.02141	0.728589	2.802214	2.802214	0.16655	0.5151784	1.569783	-2.70429	0.612877	0.723757	-1.38168	0.461957	1.60983	1.60983	1.85696	11.1784	4.01316	1
ap26782218	CCDC154	0.232401	0.607142	0.733996	-1.3624	0.749778	0.826297	-1.21022	0.09047	0.328792	-3.04144	0.904051	0.928092	-1.07748	0.0160748	0.178888	-5.59011	0.079748	0.331651	-3.18826	0.226933	0.469332	-2.13069	0.948815	0.962442	-1.03902	0.382129	0.585975	-1.70656	1.70339	9.59247	5.00569	1
ap05737004	GREB1;GREB1	0.232409	0.5071541	-1.68663	0.7108501	0.6267708	0.162878	-4.10287	0.0939315	0.564356	-1.77478	0.0615347	0.130473	-3.98401	0.0135858	0.250024	-3.99755	0.509347	0.887314	-1.12705	0.310256	0.613771	-1.62953	0.388801	0.775114	-1.29033	0.0343114	0.522156	-1.91499	1.70336	1.86251	0.97194	1
ap25962413	MTMR7	0.232413	0.519949	0.726376	-1.3767	0.03503738	1.332763	1.332763	0.0761824	2.63025	2.630025	0.380045	0.643164	-1.55481	0.900489	1.06323	1.06323	0.834398	0.902478	-1.10806	0.239864	1.82797	1.82797	0.885901	1.07289	1.07289	0.3830366	0.6450055	-1.55026	1.70335	6.48098	3.38209	1
ap25381017	SRA;ILSRA;ILSRA;ILSRA;ILSRA;ILSRA;IL	0.232414	0.377932	0.683943	-1.46211	0.284817	1.59443	1.59443	0.752758	1.1419	1.1419	0.416174	1.41758	1.41758	0.2179008	0.5802273	-1.72333	0.272959	0.61934	-1.61462	0.0415478	0.3727263	-2.68267	0.305348	0.64038	-1.56157	0.3027331	1.56562	1.56562	1.70334	4.75673	2.4823	1
ap12684360	KPNA3	0.232421	0.135164	1.79815	1.798318	1.315654	1.315654	1.315654	0.656632	1.06153	1.061533	0.764676	1.13184	1.13184	0.568744	0.5818347	-1.72046	0.118952	0.571936	-1.74845	0.063878	0.510288	-1.95968	0.862916	0.94454	-1.05872	0.12667	0.795691	-1.27542	1.70332	2.94659	1.53457	1
ap13240017	CDC2;CDC2	0.232428	0.0761817	0.522167	5.221567	0.717247	1.35615	1.35615	0.376641	2.13826	2.13826	0.925903	1.08104	1.08104	0.685051	0.710653	-1.40716	0.860942	1.15821	1.15821	0.0218276	0.109	10.0285	0.0829907	4.99266	4.99266	0.368745	2.16697	2.16697	1.70329	18.9299	9.8789	1
ap09320946	TRNAU1AP;TRNAU1AP	0.232429	0.132938	0.53707	-1.86124	0.3175704	0.818481	1.22175	0.453168	1.83855	1.838551	0.641753	1.38222	1.38222	0.0810536	0.4929752	-2.02904	0.298502	0.61914	-1.61506	0.0357314	0.2705576	-3.69429	0.0357314	1.4725	1.4725	0.0170976	1.40652	0.2978329	1.49813	1.49813	1.70328	4.2344	0.639415	1
ap26435254	PRDM16;PRDM16	0.232431	0.108125	0.431874	-2.31549	0.0935557	0.320298	-3.12209	0.967415	0.975099	-1.02554	0.168523	0.404235	-2.47381	0.0987111	0.327049	-3.05765	0.374093	0.569382	-1.75629	0.0322883	0.212771	-4.69989	0.156971	0.392814	-2.54573	0.169573	0.405254	-2.46759	1.70328	10.2796	5.36463	1
ap22760086	TMEM11;TMEM11	0.232432	0.724236	0.95559	-1.04647	0.15714	0.823635	-1.21413	0.680679	0.948317	-1.0545	0.418701	0.899454	-1.11179	0.949323	1.00818	1.00818	0.080879	0.780181	-1.28175	0.14383	0.811951	-1.22311	0.934917	0.980581	-1.01053	0.0580847	1.31612	1.31612	1.70327	0.443635	0.23152	1
ap00097737	VPS13D;VPS13D	0.232433	0.4145862	0.8205	-1.21849	0.4705854	0.779388	1.15494	0.9239	0.744644	1.22882	1.22882	0.6000601	1.668527	0.0139315	1.654256	1.65426	0.247839	0.477727	-2.09303	0.606335	0.727466	-1.37463	0.831207	1.1395	1.1395	0.0602154	0.273074	0.2730978	10.979	5.27506	1
ap02508830	FBXL13;ARC17;FBXL13;LRRC17	0.232433	0.653349	1.20251	1.20251	0.833402	0.917667	-1.08972	0.100319	0.479796	-2.08422	0.18245	0.561473	-1.78103	0.0886054	0.464742	-2.15173	0.807468	0.905204	-1.10472	0.135714	1.92686	1.92686	0.287248	1.56948	1.56948	0.434356	0.722247	-1.38457	1.70327	4.48879	2.34258	1
ap23739027	EHMT2;EHMT2	0.232435	0.399668	0.802301	-1.44446	0.1063041	0.983454	1.2834	0.364961	1.58871	1.5887	0.689064	0.8662496	-1.15446	0.3191	1.33396	1.33396	0.5503316	-1.97475	0.0940302	0.455995	-2.19301	0.6689004	0.497326	0.96086	1.36086	0.198466	0.560248	-1.78462	1.70326	4.90734	2.56102	1
ap14692284	TNFAIP8;TNFAIP8	0.232438	0.0919737	0.534454	-1.87107	0.1378979	2.582982	-1.71532	0.0346582	0.435277	-2.29739	0.296726	0.6939325	-1.44108	0.945973	1.02315	1.02315	0.351458	0.723348	-1.38246	0.2403	1.51471	1.51471	0.867104	0.945006	-1.05819	0.2228405	1.845736	1.1824	1.70325	1.07695	1.60579	1
ap26690672	ABCE1;ABCE1	0.232439	0.183807	0.583705	-1.71319	0.0171202	0.329731	-3.03277	0.176412	0.577688	-1.73104	0.12693	0.532437	-1.87816	0.0814294	0.91408	-1.094	0.823553	0.918268	-1.08901	0.376564	0.707196	-1.41403	0.558863	0.797967	-1.25319	0.0915615	0.491972	-2.03264	1.70324	3.93227	2.05218	1
ap08888499	MSH5;MSH5;MSH5;MSH5	0.232441	0.0838841	0.757823	-1.31959	0.0974541	0.803053	-1.2456	0.037031	0.563662	-1.77478	0.106153	0.764676	1.308	0.0134426	1.308	1.308	0.143965	0.813654	-1.22904	0.0413161	0.860334	-1.16227	0.0250363	0.650863	-1.53617	0.0074333	0.329615	-3.03264	1.70323	5.67014	2.92915	1
ap05664833	LHFP	0.232445	0.173022	0.358454	-2.78975	0.973219	0.12404	-2.02404	0.110829	0.300914	-3.32321	0.928726	0.918866	-1.06535	0.0130001	0.11296	-8.85268	0.295934	0.464661	-2.15303	0.772871	0.814839	-1.22724	0.230598	0.410707	-2.43482	0.293082	0.461414	-2.16725	1.70322	13.5052	7.04819	1
ap10514890	RASA3	0.232446	0.683396	1.15497	1.154971	0.7108504	0.98345	-1.01703	0.9154	0.983451	-1.01703	0.915402	0.983451	-1.01703	0.915402	0.983451	-1.01703	0.988357	0.956042	-1.04567	0.808002	0.814257	1.4705	1.4705	0.778097	1.21503	1.21503	0.806353	0.966367	1.70321	2.84288	1.48327	1
ap00556514	PLCD1;PLCD1;PLCD1	0.232453	0.0984661	0.767898	-1.30226	0.2090044	1.21287	1.21287	0.0437209	1.40198	1.40198	0.244614	0.837448	-1.1941	0.544269	1.09357	1.09357	0.92728	1.01339	1.01339	0.786743	0.961249	-1.04031	0.594989	0.92478	-1.08134	0.536481	1.09552	1.09552	1.70319	0.572964	0.299029	1
ap01468711	QPRT	0.232459	0.26264	1.69731	1.69732	0.674108	1.12089	1.12089	0.481134	0.723896	-1.38141	0.803008	0.8915671	-1.11911	0.117478	0.460636	-2.17091	0.259934	1.70294	1.70294	0.10114	2.21285	2.21285	0.843073	1.09904	1.09904	0.0629426	2.60952	2.60952	1.76759	5.55185	2.44264	1
ap03852041	GPR123	0.232466	0.1187522	0.605649	-1.65142	0.1814	1.8124	1.8124	0.0480001	0.6595723	-1.51682	0.2626423	1.36224	1.362242	0.0200605	0.7387	1.3538	0.6603116	0.6651144	0.6651144	0.0266253	0.1708	1.17085	1.17085	0.5771128	1.12777	1.12777	0.7182524	0.170898	1.16397	1.70316	1.12911	0.641488	1
ap30701183	LMO4	0.232466	0.141214	0.357645	-2.79607	0.306757	0.502794	-1.98889	0.0657699	0.261405	-3.82548	0.235827	0.466066	-2.24182	0.122395	0.336934	-2.96794	0.861331	1.12032	1.12032	0.0314222	0.193965	-5.15553	0.904305	0.92482	-1.08129	0.265878	0.47077	-2.12418	1.70316	11.3904	5.94472	1
ap13158604	EMID2	0.232468	0.1788324	0.645383	-1.55001	0.1677291	0.709562	-1.40919	0.0738455	0.334493	-5.16815	0.21902	0.535526	-1.86855	0.0278559	0.842457	-1.18656	0.373159	0.490255	-2.03969	0.0504632	0.152804	-6.54546	0.0504632	0.171159	0.482035	-2.07436	0.112812	0.884639	-1.13046	0.0157468	-5.84356	0.0429629	0.030115	19.251	10.0402	1
ap26459391	PIP4K2C;PIP4K2C;PIP4K2C;PIP4K2C	0.232467	0.569304	1.13199	1.131991	0.934318	0.108317	1.01817	0.334429	1.23934	1.23934	0.0303773	0.577775	-1.73078	0.0651367	0.6399565	-1.56259	0.280336	0.785143	-1.27365	0.384521	0.825154	-1.2119	0.942366	1.01571	1.01571	0.448893	0.846757	-1.18098	1.70313	1.25325	0.654088	1
ap02224047	CUX1;CUX1;CUX1	0.232472	0.797883	1.05897	1.05897	0.866789	1.02905	1.02905	0.799316	0.957471	-1.04442	0.117623	1.33632	1.33632	0.62241	0.918811	-1.08836	0.622812	1.08826	1.08826	0.0102874	1.73611	1.73611	0.995231	0.998981	-1.00102	0.6780184	0.9312514	-1.07382	1.70311	0.78499	0.409703	1
ap17471939	TPT1	0.232475	0.0982463	0.532556	-1.87806	0.1437252	0.364664	-2.74323	0.0381719	0.170353	-5.87183	0.0150954	0.359054	-2.78516	0.0139504	0.176402	-5.67012	0.152036	-1.47452	0.749823	1.50072	1.50072	0.0481579	1.50035	1.50035	0.0524193	0.2558162	0.6677598	13.2853	13.2853	1.7031	43.1007	22.4984	1
ap09369316	MCCD2;MCCD2	0.232478	0.500823	0.919645	-1.08738	0.0655039	2.28843	2.28843	0.51584	1.08412	1.08412	0.253588	0.864015	-1.15739	0.724735	0.957583	-1.0443	0.891917	0.983472	-1.01681	0.72382	0.8407	1.19265	1.19265	0.889788	1.00017	1.00017	0.0491529	3.3169	3.3169	1.70309	13.1503	6.92108	1
ap23172103	ADAMTS19	0.232479	0.2150985	0.704254	-1.42045	0.3132821	0.817701	-1.22236	0.482299	0.681563	-1.46795	0.6022249	0.6814563	-1.46795	0.6022249	0.6303096	-1.58489	0.970512	1.02695	1.02695	0.8023746	1.21397	1.21397	0.471994	0.878846	-1.13786	0.6632885	0.144585	1.62651	1.62651	1.70308	1.86251	0.97194	1
ap06133249	SPTBN1 TSC1;TSC1;TSC1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. 057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1 vs. 117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1 vs. 127 vs. N)	Ratio(1217 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00445461	NIPA2;NIPA2;NIPA2;NIPA2	0.232800	0.132368	1.49463	1.45463	1.284153	1.29273	1.29273	0.381884	1.22436	1.22436	0.0703357	0.5949	1.5949	0.184043	1.3843	1.3843	1.3843	0.471127	1.18432	1.18432	0.7352203	0.923247	1.08313	0.32812	1.461667	1.46167	0.0318063	1.78725	1.78725	1.70176	1.43526	0.749687	1
cg23521262	VTI1A	0.232807	0.0365096	1.66709	-6.02123	0.2428877	0.17881	-5.59252	0.290188	0.444466	-2.24989	0.4315558	0.552685	-1.89035	0.253696	0.414572	-2.41212		0.206429	1.373671	-2.67615	0.2171914	0.383888	-2.60493	0.110096	0.276265	-3.61971	0.916267	1.08078	1.70175	14.7061	7.68156	1
cg15799353	TRIB3	0.232809	0.999932	1.00006	1.00006	0.2264927	7.29953	7.29953	0.0554159	5.15881	5.15881	0.628018	1.44622	1.44622	0.252044	0.404874	-2.4699		0.923014	1.07578	1.07578	0.784316	0.812759	-1.23038	0.588397	1.51116	1.51116	0.6798898	0.730869	-1.36823	1.70174	15.3904	8.039051	1
cg05330977	FLI1	0.232814	0.993883	1.00574	1.00574	0.2235927	7.54781	7.54781	0.0591891	4.91764	4.91764	0.814722	0.8553369	-1.16909	0.209206	0.371768	-2.68985		0.794139	1.21596	1.21596	0.93227	1.06562	1.06562	0.674542	1.37134	1.37134	0.9566805	1.04153	1.04153	1.70173	15.0679	7.87065	1
cg00224886	ANKRD20B	0.232816	0.297604	1.42655	1.42655	0.73592	1.11781	1.11781	0.943689	1.03351	1.03351	0.86591	1.05718	1.05718	0.443482	0.773278	-1.2932		0.97262	1.008772	-1.01136	0.102834	0.555891	-1.79891	0.449401	2.09104	2.09104	0.0954257	1.827105	1.82705	1.70172	2.91743	1.52392	1
cg22621695	DYRK2;DYRK2;DYRK2;DYRK2	0.232816	0.811488	1.03435	1.03435	0.65053	1.06658	1.06658	0.1621441	1.23486	1.23486	0.271355	0.850572	-1.17556	0.70984	0.948546	-1.05424		0.635128	1.0699	1.0699	0.8610057	1.34601	1.34601	0.0411197	1.39524	1.39524	0.2653961	1.178326	1.17826	1.70172	0.538309	0.281232	1
cg23627990	TSPAN3;TSPAN3;TSPAN3	0.232816	0.711362	0.882011	-1.13377	0.640505	0.853201	-1.17205	0.0156433	0.36777	-2.71909	0.916841	1.03588	1.03588	0.508974	0.797598	-1.25376		0.382713	0.739214	-1.35279	0.0823468	0.522262	-1.91475	0.154866	0.598145	-1.67184	0.611736	1.18862	1.18862	1.70171	3.07087	1.60407	1
cg00912614	EDEM2;EDEM2;EDEM2	0.232821	0.434158	0.794237	-1.25907	0.2585029	1.10646	1.10646	0.0936159	0.495423	-2.01892	0.365513	1.30942	1.30942	0.135171	0.629184	-1.59186		0.407702	0.78315	-1.27669	0.479366	0.84227	-1.18713	0.937854	1.02777	1.02777	0.1597769	1.54287	1.54287	1.7017	2.24595	1.17318	1
cg22674717	SALL1;SALL1	0.232822	0.299293	0.8450251	-1.18336	0.220137	1.223157	1.223157	0.311689	0.16969	1.16969	0.4841466	0.894656	-1.1177	0.9445053	0.989173	-1.01095		0.657064	1.07243	1.07243	0.2432191	0.654004	-1.52904	0.64915	1.07431	1.07431	0.367793	1.155579	1.15579	1.70169	0.6603131	0.344823	1
cg20706526	AGAP1;AGAP1	0.232823	0.411094	0.577808	-1.73068	0.0721457	0.269877	-3.70539	0.563756	0.683271	-1.46355	0.20234	2.40712	2.40712	0.687664	0.768171	-1.30179		0.885816	0.910492	-1.09831	0.306937	1.99419	1.99419	0.0785366	3.57942	3.57942	0.321285	1.95173	1.95173	1.70169	11.4779	5.99558	1
cg26216640	SHROOM3	0.232823	0.8775221	1.11995	1.11995	0.9227	1.01644	1.01644	0.9268	1.01269	1.01269	0.93062	1.35062	1.35062	0.153479	0.8012525	1.44818		0.2810173	1.468362	1.468362	0.1351	0.8374372	1.2135	0.4614549	1.66104	1.66104	0.1574422	1.46815	1.46815	0.9059956	0.923107	1.08333	1.70169	12.3518	6.45204	1
cg07351267	LRP3	0.232826	0.242812	0.586082	-1.70624	0.6961688	2.42796	2.42796	0.0729868	2.39689	2.39689	0.270466	1.65129	1.65129	0.407072	0.690235	-1.44878		0.8533151	1.10881	1.10881	0.243193	1.58635	1.15307	0.904369	1.05394	1.05394	1.70168	5.14978	2.69004	1
cg07208513	UTAF;UTAF;UTAF;UTAF	0.232826	?	?	?	0.8491219	1.19412	1.19412	0.478643	1.42476	1.42476	0.638372	1.26194	1.26194	0.029774	0.279212	-3.58438		0.3590555	0.629087	-1.5896	0.4905556	1.56358	1.56358	0.468418	1.33547	1.33547	0.138115	0.456995	2.18821	1.70289	5.9076	3.40045	1
cg24109975	TRIM28	0.232828	0.6093889	0.946789	-1.0562	0.6591291	1.04823	1.04823	0.5510094	1.07347	1.07347	0.511094	1.07328	1.07328	0.447474	0.921134	-1.08562		0.3788575	0.9086553	-1.10053	0.1191751	0.740295	-1.35081	0.992989	0.911331	1.0973	0.202343	1.15353	1.15353	1.70167	0.3034428	0.15385	1
cg09318483	TIAM2	0.232829	0.0574484	0.20333	-4.91813	0.4815539	0.588412	-1.69944	0.863527	0.881761	-1.13409	0.295424	0.447386	2.23521	0.250593	0.410675	-2.43502		0.303692	0.453976	-2.20276	0.0187579	0.120195	-8.25796	0.152272	0.320853	-3.1167	0.223653	0.387615	-2.57988	1.70166	14.8102	7.73631	1
cg19344106	PTPRN2;PTPRN2;PTPRN2	0.232839	0.215932	0.465336	-2.15056	0.5540084	0.583258	-1.87099	0.177907	0.412394	-2.42604	0.968667	1.03462	1.03462	0.172837	2.45511	2.45511		0.181858	0.41586	-2.4045	0.4132483	0.608995	-1.64205	0.115884	0.369738	-2.70462	0.991224	1.00683	1.00683	1.70162	10.3298	5.39602	1
cg00972420	FAM65C PGAP2;NUP98;NUP98;PGAP2;NUP98;F	0.232841	0.212507	0.375696	-2.66173	0.042443	0.70998	0.70998	0.144065	3.22218	3.22218	0.876167	1.12328	1.12328	0.15621	0.32274	-3.09847		0.838104	1.16478	1.16478	0.55899	1.55358	1.55358	0.82318	1.18159	1.18159	0.429669	0.548238	-1.82403	1.70161	14.98	7.82523	1
cg01954337	GAP2;PGAP2;NUP98;PGAP2	0.232845	0.673119	1.13763	1.13763	0.702161	1.09307	1.09307	0.5863562	1.7813	1.7813	0.069705	0.539865	-1.85231	0.589329	0.847374	-1.18012		0.565154	1.19328	1.19328	?	?	?	0.407025	1.29402	1.29402	0.124248	1.660095	1.66095	1.70781	2.22628	1.30007	1
cg00040873	NDUFB10	0.23285	0.165392	0.725131	-1.37906	0.1703992	0.728214	-1.37322	0.245092	0.767885	-1.30228	0.4448	1.18437	1.18437	0.10008	0.676105	-1.47906		0.468417	0.851929	-1.17381	0.0977451	0.673921	-1.48385	0.0447	0.606149	-1.64976	0.403872	0.830651	-1.20388	1.70158	1.22768	0.664307	1
cg05708544	ZDHHC8P	0.232865	0.0328401	15.0261	15.0261	0.2317604	0.10777	10.0777	0.116671	4.40009	4.40009	0.189184	4.52599	4.52599	0.205261	4.26424	4.26424		0.129301	5.92455	5.92455	0.822736	1.26755	1.26755	0.9632445	9.65676	9.65676	0.1319565	5.841	5.841	1.70156	31.7537	16.588	1
cg03923966	ARHGEF10	0.232856	0.279156	0.763557	-1.30966	0.640671	2.28426	2.28426	0.0729868	2.39689	2.39689	0.270466	1.65129	1.65129	0.407072	0.690235	-1.44878		0.254859	0.75199	-1.3298	0.186033	0.73451	-1.36056	0.434962	1.18145	1.18145	0.878618	1.06688	1.06688	1.70155	1.54912	0.809258	1
cg18228322	HOXB9	0.232859	0.9605997	1.04021	-1.03967	0.9756095	1.44019	1.44019	0.3755156	1.64664	1.64664	0.0429774	0.6353448	1.57415	0.554023	0.8899442	-1.12367		0.3049111	0.810335	-1.23396	0.4083256	1.744723	1.74472	0.2882823	1.04965	1.04965	0.986068	1.003141	1.00314	1.70155	1.70242	0.87442	1
cg24752964	ZMIZ1	0.232859	0.535794	0.689102	-1.45116	0.139739	2.56943	2.56943	0.0519234	3.71878	3.71878	0.82205	0.874785	-1.14314	0.0929459	0.333635	-2.99729		0.2776596	0.5115511	-1.95499	0.848563	0.892681	-1.12022	0.59432	1.37607	1.37607	0.762209	1.19748	1.19748	1.70154	9.50394	4.96488	1
cg21483883	ELMO1	0.232865	0.0933666	2.052	2.052	0.0723852	2.18342	2.18342	0.960931	1.01926	1.01926	0.969155	1.01517	1.01517	0.624462	1.21187	1.21187		0.4646658	1.33622	1.33622	0.128149	1.8975	1.89758	0.128306	1.897	1.897	0.0365111	2.57689	2.57689	1.70152	4.08787	2.13554	1
cg15621656	PTPN23;PTPN23	0.232869	0.754461	0.80928	-1.23556	0.6540938	0.710799	-1.40737	0.0842891	0.67788	1.47488	0.394415	0.7970596	1.2547	0.6012453	1.1947053	1.04703	0.7220323	0.854697	1.0909	1.0909	0.7969997	0.869933	-1.14953	0.0556242	1.799932	1.79993	0.7195547	1.13256	1.13256	1.7015	6.07056	3.17135	1
cg26457890	VASN;CORO7	0.232874	0.78056	0.909291	-1.09976	0.6817773	2.00445	2.00445	0.0946147	1.86927	1.86927	0.781116	1.09948	1.09948	0.860778	1.06159	1.06159		0.982841	1.00735	1.00735	0.0189174	2.63227	2.63227	0.925662	1.03229	1.03229	0.588323	1.20451	1.20451	1.70148	3.12402	1.63205	1
cg20256153	FNBP1	0.232874	0.941202	1.06319	-1.01719	0.7450513	1.07315	1.07315	0.6348351	0.893454	-1.11925	0.5800468	0.893454	-1.11925	0.5800468	0.893454	-1.11925		0.128719	1.46119	1.46119	0.0108468	1.79936	1.79936	0.0178398	1.61	1.61	0.0104448	1.79811	1.061	1.70148	1.54839	0.751137	1
cg01797106	GLT1D1	0.232877	0.0637752	0.288919	-3.46118	0.6060087	0.713448	-1.36342	0.663675	0.77052	-1.29782	0.9075	1.07171	1.07171	0.10133	0.343384	-2.91219		0.144697	1.39122	1.39122	0.2234511	0.0744514	0.306104	-3.26686	0.575585	0.716473	-1.39573	0.049786	0.263786	-3.79095	1.70147	9.56644	4.99774	1
cg16559510	BANP;BANP	0.232877	0.385724	0.599768	-1.66731	0.743731	1.20754	1.20754	0.575021	0.722051	-1.38494	0.536331	1.43331	1.43331	0.0138448	0.174025	-5.7463		0.940287	0.957845	-1.04401	0.494951	1.48943	1.48943	0.331051	1.77991	1.77991	0.3114002	0.55022	-1.81745	1.70147	8.90598	4.6527	1
cg21809679	DNAJA2	0.232888	0.1606404	1.74702	1.74702	0.2458463	1.21514	1.21514	0.158432	1.15211	1.15211	0.588568	1.28467	1.28467	0.1259	1.2918	1.2918	0.259878	1.26511	1.26511	0.283315	1.24988	1.24988	0.17043	0.873802	1.08708	1.70147	0.2208708	0.563615	1
cg24891125	AHRR	0.23289	0.9584	0.989649	-1.01046	0.458186	1.16263	1.16263	0.507346	0.874438	-1.14359	0.368301	1.20241	1.20241	0.0489811	0.638552	1.5658		0.0987754	1.43488	1.43488	0.33493	1.23913	1.21752	0.253876	1.2683	1.2683	0.463966	0.861839	-1.16031	1.70142	1.07224	0.560183	1
cg22730991	SGTA	0.232895	0.107394	0.494554	-2.02203	0.1742412	0.407218	-2.45569	0.153855	0.34737	-2.87737	0.0314736	0.638546	1.56544	0.0139555	0.4479191	-2.23273		0.1908581	0.64552	-1.54907	0.0446834	0.345212	0.10911	-9.16452	0.0422005	0.0853511	0.1288865	0.504128	0.50412	1.70141	0.8804	0.497799	1
cg18637486	MIR657;AATK;MIR338	0.232899	0.217322	0.50812	-1.96804	0.765107	0.855305	-1.16917	0.974244	0.983301	-1.01698	0.764858	0.855158	-1.16937	0.140792	0.437637	2.285		0.548765	0.728709	-1.37229	0.0124356	0.197388	-5.06617	0.211463	0.503251	-1.98708	0.571137	1.34791	1.34791	0.1038	7.3317	3.83046	1
cg24246840	FAM24B	0.232901	0.989432	0.997792	-1.00221	0.103616	1.34871	1.34871	0.383165	1.161	1.161	0.593251	1.09417	1.09417	0.0588155	1.42797	1.42797		0.100926	1.34971	1.34971	0.706996	1.06506	1.06506	0.218003	1.24149	1.24149	0.17644	0.786716	-1.27111	1.70137	0.7508835	0.392277	1
cg26122296	RAD6L	0.232904	0.0949399	0.699999	-1.42857	0.1945994	0.415854	-2.40455	0.0560779	0.454546	-2.19325	0.8178042	0.945451	-1.05747	0.4444154	0.8178042	-1.22314		0.2074087	0.631861	-1.5829	0.1312069	0.6501545	-1.53812	0.667364	0.862213	-1.15981	0.7036	1.16817	1.65523	1
cg16166368	AHCY L2;AHCY L1 TAF9;RAD17;RAD17;RAD17;TAF9;RAD1 7;RAD17;RAD17;RAD17;TAF9;RAD17;T	0.232906	0.124966	0.636869	-1.57018	0.132278	0.643204	-1.55472	0.176614	0.676897	-1.47733	0.495324	1.20695	1.20695	0.598937	0.865734	-1.15509		0.338768	0.765001	1.30719	0.30433	0.749012	-1.33509	0.200348	0.692476	-1.44409	0.113988	1.59539	1.59539	0.70135	1.9887	1.03902	1
cg04526965	AF9	0.232907	0.319835	1.22081	1.22081	0.827522	0.958134	-1.04326	0.0684174	1.4858	1.4858	0.172677	0.754522	-1.32534	0.373199	1.19414	1.19414		0.503966	0.875839	-1.14176	0.168199	0.751998	-1.32979	0.176661	1.32148	1.32148	0.58184	1.11399	1.11399	0.70135	1.015	0.530299	1
cg25756033	CCDC55	0.232908	0.3920044	0.868956	-1.15081	0.2270545	1.22535	1.22526	0.3536622	1.23753	1.23753	0.0179	1.07995	1.07995	0.0872384	0.75995	-1.31519	0.16005	0.8582181	0.7181	1.0917	1.0917	0.7174459	0.943452	-1.05994	0.2831991	0.836432	-1.19553	1.70135	0.691384	0.3612222	1
cg07738014	C19orf29;C19orf29	0.232911	0.992905	0.998639	-1.00136	0.248882	1.20276	1.20276	0.225514	1.21533	1.21533	0.712642	0.944899	-1.05831	0.216084	0.819179	-1.22073		0.160821	0.794935	-1.25796	0.0445643	0.702307	-1.42388	0.536448	1.10066	1.10066	0.6015441	1.08407	1.08407	1.70133	0.6325052	0.330461	1
cg05801573	SLITRK4;SLITRK4	0.232912	0.32882	0.467857	-2.13742	0.4072188	0.645569	-1.55385	0.18237	0.58737	-1.70233	0.0314736	0.638546	1.56544	0.0139555	0.4479191	-2.23273		0.1908581	0.64552	-1.54907	0.0446834	0.345212	0.10911	-9.16452	0.0422005	0.0853511	0.1288865	0.504128	0.50412	1.70133	0.8804	0.497799	1
cg02827911	UAS;RPL9;UAS;RPL9	0.232913	0.494259	0.751506	-1.33066	0.219653	1.70098	1.70098	0.0145805	3.4491	3.4491	0.553826	1.27951	1.27951	0.582736	1.25653	1.25653		0.893955	0.94659	-1.05642	0.48776	0.748167	-1.3366	0.33959	0.666923	-1.49942	0.615806	1.23149	1.23149	0.70132	4.56394	2.38451	1
cg01868016	BTBD7;BTBD7;BTBD7;KIAA1409;BTBD7	0.232915	0.268551	3.20332	3.20332	0.0460562	0.959452	-10.4328	0.628089	1.5126	1.5126	?	?	0.703399	0.680912	-1.46862		?	?	?	0.375051	0.399443	-2.50349	0.186637	4.12956	4.12956	0.1805	1.80961	1.77714	21.6005	12.1547	1
cg24580017	SMYD3	0.232922	0.823529	0.898387	-1.11311	0.288702	1.69619	1.69619	0.0501627	2.91914	2.91914	0.566884	1.32008	1.32008	0.781544	0.875147	-1.14267		0.817009	1.11761	1.11761	0.0367724	0.312286	-3.20219	0.551968	0.749245	-1.33468	0.912974	1.05385	1.05385	1.70129	6.20138	3.2401	1
cg19203065	C2F6;C2F6;C2F6;C2F6;C2F6	0.232926	0.7827256	1.07177	1.07177	0.8113247	1.32477	1.32477	0.0109564	2.10924	2.10924	0.159727	1.25284	1.25284	0.0276557	1.58267	1.58267		0.6763063	0.952135	-1.05002	0.7180255	0.896783	-1.11504	0.7126024	1.30326	1.30326	0.1978292	1.46756	1.46756	1.70127	1.80356	0.957159	1
cg15922228	LSM7	0.232929	0.346243	0.70397	-1.42052	0.105014	0.52674	-1.89847	0.34271	0.702047	-1.42441	0.0689214	0.478726	-2.08888	0.0298022	0.39641	-2.52264		0.259369	0.653242	-1.53083	0.314943	0.686572	-1.45651	0.587738	1.21906	1.21906	0.2606666	0.654063	-1.52891	1.70126	3.52858	1.84364	1
cg16724206	HIF4F;HINFP	0.232935	0.112512	0.704083	-1.41236	0.7642239	1.06194	1.06194	0.719348	1.07481	1.07481	0.352686	1.21055	1.21055	0.305702	1.23602	1.23602		0.0303115	1.6632	1.6632	0.2444727	0.784064	-1.27541	0.71276	1.07668	1.07668	0.7970334	1.05284	1.05284	1.70123	5.27554	2.75464	1
cg19210808	FAM157A	0.232937	0.467782	0.72336	-1.38246	0.1934841	0.62543	-1.59893	0.241343	0.758123	-1.31905	0.4712282	0.752564	-1.32881	0.2610644	0.298428	-3.35089		0.552239	0.769852	-1.29895	0.412673	0.79949	-1.2508	0.938992	0.966972	-1.03416	0.17091	0.527758	1.49841	1.70122	5.17697	2.70496	1
cg06294561	ZBTB38	0.232939	0.850823	1.13465	1.13465	0.0470866	0.217704	-4.59339	0.421328	0.576283	-1.73526	0.79091	1.19517	1.19517	0.0910923	0.286599	-3.48919		0.164024	0.369219	-2.70842	0.949278	0.958578	-1.04321	0.925916	2.52592	2.52592	0.275619	0.467221	-2.14031	1.70122	12.1292	6.3375	1
cg00934652	HZAF2;LOC256880	0.232939	0.669368	0.859222	-1.16377	0.477708	0.740615	-1.35067	0.0600211	0.53904	-1.85497	0.1446226	0.633989	1.57809	0.0915611	0.5511	-1.81442	0.3150255	0.7232305	0.940401	-1.06338	0.645108	0.922986	-1.08344	0.9476096	0.4045	-2.47225	1.70121	0.4206823	0.2406423	1
cg11077681	MRV1;MRV1;MRV1;MRV1;MRV1	0.23294	0.1123379	0.377909	-2.64614	0.067864	0.316192	-3.16264	0.969146	1.02201	1.02201	0.412726	0.624082	-1.60235	0.156436	0.425943	-2.34773		0.118905	0.385627	-2.59318	0.0790537	0.333608	-2.99753	0.0700116	0.319666	-3.12826	0.75316	0.837269	-1.19436	1.70121	8.53983	4.46208	1
cg24096527	RUFY1;RUFY1;RUFY1	0.232943	0.383063	0.850004	-1.17646	0.16822	0.135533	1.32265	0.152865	0.758262	0.947755	-1.05512	0.555735	0.901598	-1.10914	0.312194	3.833832	-1.19928	0.239849	0.941598	-1.0622	0.202096	0.622292	1.60292	1.02417	0.0976243	0.924353	1.08168	1.70121	0.4254354	0.2455554	1
cg22711601	GK;GK;GK	0.232942	0.242898	0.542528	-1.84322	0.847855	0.90836	-1.10089	0.26356	0.558103	-1.79178	0.522244	0.72286	-1.38339	0.0140231	0.219171	-4.56265		0.418552	0.51574	1.51174	0.377661	0.615736	-1.57298	0.41028	1.52403	1.52403	0.74753	0.873582	-1.14471	1.70121	0.74674	0.3252	1
cg08106792	S100A6	0.232943	0.381201	0.757088	-1.32085	0.1310094	1.65709	1.65709	0.757389	1.10076	1.10076	0.189375	0.65003	-1.53839	0.119654	0.611123	-1.63633		0.678119	1.13804	1.13804	0.190857	1.53592	1.53592	0.885657	0.956399	-1.04559	0.109754	0.582648	-1.7163	1.7012	2.58634	1.35138	1
cg00705174	SSFA2;SSFA2	0.232943	0.9783871	1.00381	1.00381	0.9847777	1.03918	1.03918	0.8004504	0.752595	-1.32874	0.69919	0.9649682	-1.03599	0.9649682

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(221T vs. N)	Fold-Change(221T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg07751605	PTN	0.233167	0.1802884	0.772182	-1.29501	1.03694007	0.691373	-1.4464	0.170649	0.76712	-1.30358	0.3241977	0.831104	-1.20322	0.0919536	0.713845	-1.40086	0.0738732	0.606283	-1.4362	0.0998073	0.720572	-1.38779	0.0380666	0.710335	-1.40779	0.619275	0.912956	-1.09534	1.7003	0.8809669	0.464791	1
cg12851049	OSBPL5;OSBPL5;OSBPL5	0.233168	0.729966	0.900243	-1.11081	0.1886879	0.421275	-2.37375	0.213882	0.675259	-1.48091	0.483078	1.24134	1.24134	0.204902	0.666519	1.50033	0.8195068	0.93303	-1.07178	0.720473	0.896752	-1.11514	0.193521	0.658837	-1.51783	0.38893	1.30708	1.70029	2.47707	1.29468	1
cg10131001	SCUBE3	0.233169	0.0803503	0.354491	-2.82095	0.256333	0.530754	-1.88411	0.785558	0.864322	-1.15698	0.236242	0.51502	-1.94167	0.027008	0.246613	-4.05494	0.117241	0.402643	-2.48359	0.117396	0.402824	-2.48247	0.173408	0.460968	-2.16935	0.611669	0.760538	-1.31486	1.70029	7.69728	4.02404	1
cg23434245	TCP10;TCP10L2	0.23317	0.4358574	0.664803	-1.5042	0.740822	1.185387	1.185387	0.47784	0.690303	-1.44484	0.248159	0.537929	-1.85898	0.285608	0.567566	-1.76751	0.13194	0.433834	-2.30503	0.477221	0.689925	-1.44943	0.0143684	0.212278	-4.7108	0.115195	0.414938	-2.41	1.70029	7.10384	3.73128	1
cg17302754	ESPNP	0.233172	0.452171	1.4548	1.4548	0.491394	1.40784	1.40784	0.144348	0.464182	-2.15433	0.443315	1.466	1.466	0.0641516	0.361278	-2.76795	0.181045	0.499063	-2.00356	0.42962	0.429639	-2.12668	0.4727115	0.699451	-1.42969	0.48094	1.41996	1.41996	1.70028	6.45047	3.37224	1
cg17227967	C20orf103	0.233178	0.0944957	13.75	13.75	0.687545	0.561836	-1.77988	0.573872	2.24853	2.24853	0.525706	0.399734	-2.50156	0.116079	0.087559	-11.4208	0.885199	0.765066	-1.30708	0.602056	0.472259	-2.11748	0.0456569	0.262	26.2502	0.549497	2.37162	2.37162	1.70025	54.7585	28.6276	1
cg18109673	BHLHE40;BHLHE40	0.233179	0.993732	0.998051	-1.00195	0.0409982	0.556752	-1.79613	0.912318	1.02773	1.02773	0.199995	1.39962	1.39962	0.100145	0.639325	-1.56415	0.885264	1.03651	1.03651	0.496305	1.19006	1.19006	0.76257	0.92752	-1.07814	0.144687	0.677715	-1.47555	1.70025	1.66055	0.868136	1
cg13605615	TRAPPC9;TRAPPC9	0.233184	0.537737	0.723929	-1.38195	0.410683	0.646091	-1.54777	0.0502813	0.325129	-3.07474	0.115951	0.411835	-2.42816	0.735427	0.618153	-1.61756	0.816829	0.886505	-1.12803	0.61979	0.728059	-1.38483	0.0513956	1.03218	1.03218	0.27454	0.554039	-1.80503	1.70023	7.2596	3.79536	1
cg02861082	MCM6	0.233184	0.154297	0.845579	-1.18262	0.340979	0.898954	-1.1124	0.0887555	0.8313303	-1.20955	0.918225	1.16133	1.16133	0.0752735	0.804242	-1.24341	0.1039213	0.622155	0.946828	-1.05616	0.541119	0.934213	1.07042	1.70023	0.32581	0.170335	1
cg17389677	ZNF445	0.233187	0.282974	1.23944	1.23944	0.968761	0.992493	-1.00756	0.500877	0.876813	-1.14049	0.0849557	1.44271	1.44271	0.110665	1.39719	1.39719	0.0572053	1.51282	1.51282	0.301972	0.814025	-1.22846	0.852717	1.03641	1.03641	0.722105	0.933595	-1.07113	1.70022	0.996966	0.521223	1
cg23532454	JDP2;JDP2;JDP2;JDP2	0.233188	0.3454446	0.389617	-2.56705	0.388124	0.6749543	-1.48134	0.640625	1.70584	1.70584	0.606328	1.08523	1.08523	0.623148	0.511722	-1.95415	0.2939345	0.441502	2.265	0.0279945	0.164688	-6.07209	0.2978795	0.464535	-2.15353	0.420828	0.702021	12.99	6.79601	1
cg07957294	PRRX1;PRRX1	0.233189	0.0646774	0.127993	-7.81293	0.742526	1.38622	1.38622	0.822746	1.24892	1.24892	0.178323	0.242952	-4.11603	0.110254	0.178287	-5.60893	0.663845	0.64842	-1.54221	0.144781	0.63716	-1.56973	0.0231648	0.209668	0.312912	0.355556	-2.8125	1.70021	26.428	13.8168	1
cg18295744	ZMIZ1	0.233191	0.1998823	0.493723	-2.02552	0.8980237	1.09235	1.09235	0.0832132	1.231321	1.231321	0.0676288	1.20857	1.20857	0.208197	1.04798	1.04798	0.097366	0.325636	-3.07092	0.0593505	0.693305	-1.44216	0.179654	0.722596	-1.3839	0.503579	0.657942	-1.51989	1.7002	10.2427	5.35501	1
cg18282041	C2orf61	0.233192	0.658842	0.868645	-1.15136	0.221985	1.51235	1.51235	0.480726	1.25886	1.25886	0.129586	1.09744	1.09744	0.088644	1.088449	0.436232	1.120173	1.291737	1.291737	0.0990594	0.44672	1.28395	1.28395	0.0359507	2.88286	2.88286	0.5517798	0.823644	-1.21412	0.844563	0.938699	-1.0653	1.7002	2.79672	1.46217	1
cg23406152	NXN	0.233196	0.524181	0.618768	-1.61611	0.0468531	0.543157	0.543157	0.0351613	6.202223	6.02223	0.93194	1.06559	1.06559	0.239378	0.400001	2.5	0.725038	1.30035	1.30035	0.870156	0.885447	-1.12937	0.9205161	0.928449	-1.07701	0.802105	0.829643	-1.20534	1.70018	14.891	7.78636	1
cg26889135	NDST4	0.233199	0.7654431	0.858802	-1.1642	0.0796464	2.5279	2.5279	0.167007	1.261	1.261	0.512296	1.39003	1.39003	0.702859	0.899972	1.11214	0.4749143	0.653542	-1.53012	0.0577579	0.334221	-2.99203	0.6543977	0.79466	-1.25856	0.249159	1.84915	1.84915	1.70017	7.03158	3.66687	1
cg16397714	FLT4;FLT4	0.2332	0.662835	0.76019	-1.31546	0.252955	2.10908	2.10908	0.373155	1.77073	1.77073	0.434064	0.607219	-1.64685	0.076032	0.291153	-3.43462	0.357294	0.553395	1.80703	0.0365569	0.219046	-4.56525	0.404673	0.58691	-1.70384	0.534361	0.674829	-1.48186	1.70016	10.5178	5.49897	1
cg16123774	NEK3;NEK3;NEK3;NEK3	0.2332	0.2050023	1.407722	0.3189002	0.7626622	1.30103	1.30103	0.763568	0.925534	-1.08047	0.23374	1.336821	1.336821	0.396316	0.742031	0.9190377	-1.08805	0.117669	0.647853	-1.54355	0.4143266	0.8207995	-1.21794	0.6410218	1.48928	1.48928	0.151228	1.48126	1.48126	1.70016	1.757392	0.918774	1
cg02503094	PITRM1	0.233204	0.3146672	0.762577	-1.31121	0.2124454	2.18985	2.18985	0.561708	0.971605	-1.02922	0.764453	1.195435	1.195435	0.0131733	2.2981	2.2981	0.439856	1.60031	1.60031	0.977462	0.983281	-1.017	0.0179164	0.56887	0.56887	0.675097	1.2861	1.2861	1.70015	9.59247	5.01523	1
cg05293994	CADPS2;CADPS2;CADPS2	0.23322	0.101489	3.06185	3.06185	0.76835	1.19941	1.19941	0.242694	2.1332	2.1332	0.0610545	3.75696	3.75696	0.10449	3.026	3.026	0.647418	1.32798	1.32798	0.472083	1.57031	1.57031	0.38114	1.7418	1.7418	0.0254912	5.3605	5.3605	1.76422	10.3577	4.56633	1
cg16530130	LOC653810	0.233207	0.0497227	0.454646	-2.20096	0.479098	0.7085	-1.28886	0.662619	0.768346	-1.3015	0.624474	0.849818	-2.27987	0.686398	0.605711	-1.65179	0.546676	0.80657	-1.23982	0.408625	0.744048	-1.34097	0.3083443	0.592118	-1.68637	0.0549328	0.464355	-2.15353	1.7008	3.34428	1.74856	1
cg07031532	OAZ2	0.233234	0.678165	0.940262	-1.06353	0.2323557	1.49236	1.49236	0.604815	1.0801	1.0801	0.389052	0.877835	-1.13917	0.211058	0.823242	-1.21471	0.216971	0.825513	-1.21137	0.84236	0.970136	-1.02983	0.735279	1.05137	1.05137	0.388401	1.13938	1.13938	1.70003	0.586645	0.306738	1
cg19338460	WDR27	0.233236	0.2706648	1.5458	1.5458	0.977382	0.6832	0.6832	0.0133121	0.6276755	1.15306	0.0606341	1.25043	1.25043	0.177321	1.68034	1.68034	0.785796	1.14063	1.14063	0.311798	1.4146	1.4146	0.976654	0.01065	1.01065	0.0106065	0.756533	0.893533	1.14915	1.70002	3.3772	1.84464	1
cg03536820	TTC15	0.233237	0.612833	0.917321	-1.09013	0.863205	1.02959	1.02959	0.508581	1.12009	1.12009	0.265114	1.21702	1.21702	0.0674549	1.41412	1.41412	0.0590879	1.43396	1.43396	0.0324153	1.52737	1.52737	0.66288	1.077	1.077	0.687916	1.07067	1.07067	1.70001	0.7700043	0.402634	1
cg25629773	RFX6	0.23324	0.817176	1.22403	1.22402	0.238816	2.93557	2.93557	0.857493	1.16988	1.16988	0.314345	0.401222	-2.48002	0.654491	0.675717	-1.47991	0.691314	1.41678	1.41678	0.747605	0.754394	-1.32557	0.0108467	16.3239	16.3239	0.488712	1.84776	1.84776	1.7	20.5156	10.7271	1
cg00543443	LOC647979	0.233241	0.910055	0.887771	-1.45453	0.0766225	0.738223	1.35461	0.0613887	0.910063	1.09865	0.0606959	1.10699	1.10699	0.777394	0.957346	1.04475	0.7185846	1.39203	1.39203	0.0715735	1.39873	1.39873	0.341236	1.30658	1.30658	0.0680885	0.939823	0.964603	1.7	0.636784	0.332959	0.515253	1
cg08851782	CAND2;CAND2	0.233242	0.824353	0.884549	-1.13052	0.0166521	0.01999	0.01999	0.0480071	3.48132	3.48132	0.538477	1.41017	1.41017	0.660403	0.783489	-1.27634	0.966682	0.977213	-1.02332	0.860759	0.907653	-1.10174	0.95906	0.972067	-1.02874	0.702888	1.23552	1.23552	1.7	8.20014	4.28767	1
cg14098744	FBXL4	0.233245	0.9943306	0.993222	-1.0081	0.0923227	1.03327	1.03327	0.554883	1.73168	1.73168	0.285815	1.37096	1.37096	1.368	0.556103	0.5402624	1.851195	0.7548381	1.324	0.0566103	0.474753	2.106	0.0134498	0.199576	0.363458	2.75135	0.266	1.4673	1.70015	1.68998	1.04625	1.71727	0.895576	1
cg12967560	LYSMD4	0.233245	0.281962	1.75884	1.75884	0.176627	0.105654	2.06554	0.192193	0.498014	-2.00708	0.644581	1.26438	1.26438	0.196968	1.502147	1.99145	0.125904	0.43306	-2.30784	0.113752	0.429472	-2.32917	0.4690321	0.45067	-2.21907	0.0891	0.989108	1.01101	1.69998	8.86652	3.59037	1
cg01449168	EPG5	0.233251	0.330722	1.65806	1.65806	0.0415	3.26856	3.26856	0.079775	2.66324	2.66324	0.70943	1.20753	1.20753	0.574281	1.33104	1.33104	0.214558	1.93148	1.93148	0.0405218	3.29305	3.29305	0.224462	1.90194	1.90194	0.173002	2.07623	2.07623	1.69996	6.83992	3.57338	1
cg04879348	GCC2;GCC2	0.233253	0.75848	1.1398	1.1398	0.373984	0.4405	-2.26963	0.0104492	0.7902	-1.26539	0.0397983	0.597788	-1.67319	0.0276693	0.737173	-1.3557	0.9797156	0.989632	-1.01046	0.947002	0.947002	0.944939	-1.05917	0.944939	-1.05917	0.157757	0.957543	-1.04434	1.6995	4.52622	2.36672	1
cg12579212	CCRL2;CCRL2;CCRL2 NUSAP1;NUSAP1;C9PS;NUSAP1;NUSAP	0.233275	0.630741	0.795196	-1.25755	0.980942	1.00984	1.00984	0.049254	0.34715	-2.8806	0.863235	0.407959	-2.45123	0.166103	0.497203	-2.01125	0.127432	0.45844	-2.18131	0.0473277	0.341742	-2.92619	0.261253	0.574435	-1.74084	0.438938	0.688299	-1.45286	1.69986	6.02751	3.15189	1
cg25861327	1;NUSAP1;NUSAP1	0.233276	?	?	?	?	?	0.890921	0.921312	-1.08541	?	?	0.530643	-1.8845	0.0289077	0.265563	-3.76559	0.458829	0.673192	?	1.485466	0.394844	0.638354	-1.56653	0.890524	0.911524	-1.07351	0.289249	0.567451	-1.76227	1.69986	7.14227	3.73484	1
cg03615150	XKR7	0.23328	0.0605821	0.7511	-1.33104	0.0972382	0.699174	-1.42985	0.185644	1.05544	1.05544	0.252867	1.73596	1.73596	0.0482332	1.631321	1.631321	0.1915	0.7002	0.7002	0.0479105	0.538525	1.85708	1.85708	0.0106065	1.88383	1.88383	0.0986246	0.852579	1.21112	1.69984	16.8795	8.82671	1
cg17287394	TRIB3	0.233285	0.99688	0.998631	-1.00137	0.73611	1.12579	1.12579	0.597077	0.829554	-1.20547	0.198358	1.6099	1.6099	0.000499	0.376086	-2.65896	0.36874	1.38179	1.38179	0.70935	1.14014	1.14014	0.554584	1.2329	1.2329	0.218039	1.57441	1.57441	1.69982	3.30334	1.72742	1
cg01125381	LOC152572;USP27X;USP27X	0.233291	0.0676087	0.439062	-2.27696	0.0607338	0.70738	0.70738	0.483387	0.725132	1.37906	0.0443628	1.36627	1.36627	0.0139707	0.592628	-1.68747	0.3550539	0.68387	1.46161	0.166045	0.685125	1.45982	0.0134798	0.554502	1.80355	0.0055	0.769343	1.29981	1.6978	5.48604	2.84886	1
cg07419191	RAPGEF3;RAPGEF3;RAPGEF3	0.233291	0.656243	0.936491	-1.06782	0.0572919	0.729805	-1.37023	0.364646	1.14967	1.14967	0.295685	0.853143	-1.17214	0.288557	0.850978	-1.17512	0.263686	0.843112	-1.18608	0.200378	0.820282	-1.21909	0.0391053	0.704886	-1.41867	0.259194	0.841635	1.18896	1.69982	5.57752	0.302008	1
cg24124789	IAIS2	0.233292	0.95732	0.992579	-1.00748	0.125772	1.25935	1.25935	0.849154	1.02686	1.02686	0.489155	0.906833	-1.10274	0.261564	1.17699	1.17699	0.986685	0.99768	-1.00233	0.977058	1.00401	1.00401	0.0864073	1.30168	1.30168	0.0234939	1.45736	1.45736	1.69979	0.521455	0.272739	1
cg09231673	DDHD2;DDHD2	0.233295	0.4599944	0.7109	-1.40665	0.0796328	0.713413	1.72141	0.0674979	0.840025	-1.19021	0.0776195	0.744544	-1.34303	0.0422102	-2.48002	0.655491	0.675717	-1.47991	0.691314	1.41678	1.41678	0.747605	0.754394	-1.32557	0.0108467	16.3239	16.3239	0.488712	1.84776	1.84776	1.7	20.5156	10.7271	1
cg24560729	KIAA1530	0.233295	0.110681	0.416698	-2.39982	0.316006	0.68561	1.68561	0.413733	0.667554	-1.49801	0.379623	0.635125	-1.57449	0.337471	0.607726	-1.64548	0.467347	1.45132	1.45132	0.479388	0.43639	-2.29181	0.0391053	0.704886	-1.41867	0.259194	0.841635	1.18896	1.69982	5.57752	0.302008	1
cg05449009	CHRNA1;CHRNA1	0.233296	0.427778	0.8914	-1.12169	0.0756225	0.738223	1.35461	0.0613887	0.910063	1.09865	0.0606959	1.10699	1.10699	0.777394	0.957346	1.04475	0.7185846	1.39203	1.39203	0.0715735	1.39873	1.39873	0.341236	1.30658	1.30658	0.0680885	0.939823	0.964603	1.7	0.636784	0.332959	0.515253	1
cg23787031	C12orf43	0.233303	0.333028	1.31787	1.31787	0.611251	1.15222	1.15222	0.193789	0.683831	-1.46235	0.50526	0.829557	-1.20546	0.143762	1.54369	1.54369	0.646811	1.13521	1.13521	0.405322	1.26534	1.26534	0.713279	0.903016	-1.1074	0.0378509	0.513966	-1.94565	1.69975	2.05683	1.07562	1
cg14248734	EIF4H	0.233307	0.9343306	0.893222	-1.11981	0.0923227	1.03327	1.03327	0.554883	1.73168	1.73168	0.285815	1.37096	1.37096	1.368	0.556103	0.5402624	1.851195	0.7548381	1.324	0.0566103	0.474753	2.106	0.0134498	0.199576	0.363458	2.75135	0.266	1.4673	1.70015	1.68998	1.04625	1.71727	0.895576	1
cg12677560	LYSMD4	0.233245	0.281962	1.75884	1.75884	0.176627	0.105654	2.06554	0.192193	0.498014	-2.00708	0.644581	1.26438	1.26438	0.196968	1.502147	1.99145	0.125904	0.43306	-2.30784	0.113752	0.429472	-2.32917	0.4690321	0.45067	-2.21907	0.0891	0.989108	1.01101	1.69998	8.86652	3.59037	1
cg01449168	EPG5	0.233251	0.330722	1.65806	1.65806	0.0415	3.26856	3.26856	0.079775	2.66324	2.66324	0.70943	1.20753	1.20753	0.574281	1.33104	1.33104	0.214558	1.93148	1.93148	0.0405218	3.29305	3.29305	0.224462	1.90194	1.90194	0.173002	2.07623	2.07623	1.69996	6.83992	3.57338	1
cg04879348	GCC2;GCC2	0.233253	0.75848	1.1398	1.1398	0.373984	0.4405	-2.26963	0.0104492	0.7902	-1.26539	0.0397983	0.597788	-1.67319	0.0276693	0.737173	-1.3557	0.9797156	0.989632	-1.01046	0.947002	0.947002	0.944939	-1.05917	0.944939	-1.05917	0.157757	0.957543	-1.04434	1.6995	4.52622	2.36672	1
cg12579212	CCRL2;CCRL2;CCRL2 NUSAP1;NUSAP1;C9PS;NUSAP1;NUSAP	0.233275	0.630741	0.795196	-1.25755	0.980942	1.00984	1.00984	0.049254	0.34715	-2.8806	0.863235	0.407959	-2.45123	0.166103	0.497203	-2.01125	0.127432	0.45844	-2.18131	0.0473277	0.341742	-2.92619	0.261253	0.574435	-1.74084	0.438938	0.688299	-1.45286	1.69986	6.02751	3.15189	1
cg25861327	1;NUSAP1;NUSAP1	0.233276	?	?	?	?	?	0.890921	0.921312	-1.08541	?	?	0.530643	-1.8845	0.0289077	0.265563	-3.76559	0.458829	0.673192	?	1.485466	0.394844	0.638354	-1.56653	0.890524	0.911524	-1.07351	0.289249	0.567451	-1.76227	1.69986	7.14227	3.73484	1
cg03615150	XKR7	0.23328	0.0605821	0.7511	-1.33104	0.0972382	0.699174	-1.42985	0.185644	1.05544	1.05544	0.252867	1.73596	1.73596	0.0482332	1.631321	1.631321	0.1915	0.7002	0.7002	0.0479105	0.538525	1.85708	1.85708	0.0106065	1.88383	1.88383	0.0986246	0.852579	1.21112	1.69984	16.8795	8.82671	1
cg17287394	TRIB3	0.233285	0.99688	0.998631	-1.00137	0.73611	1.12579	1.12579	0.597077	0.829554	-1.20547	0.198358	1.6099	1.6099	0.000499	0.376086	-2.65896	0.36874	1.38179	1.38179	0.70935	1.14014	1.14014	0.554584	1.2329	1.2329	0.218039	1.57441	1.57441	0.69982	3.30334	1.72742	1
cg01125381	LOC152572;USP27X;USP27X	0.233291	0.0676087	0.439062	-2.27696	0.0607338	0.70738	0.70738	0.483387	0.725132	1.37906	0.0443628	1.36627	1.36627	0.0139707	0.592628	-1.68747	0.3550539	0.68387	1.46161	0.166045	0.685125	1.45982	0.0134798	0.554502	1.80355	0.0055	0.769343	1.29981	1.6978	5.48604	2.84886	1
cg07419191	RAPGEF3;RAPGEF3;RAPGEF3	0.233291	0.656243	0.936491	-1.06782	0.0572919	0.729805	-1.37023	0.364646	1.14967	1.14967	0.295685	0.853143	-1.17214	0.288557	0.850978	-1.17512	0.263686	0.843112	-1.18608	0.200378	0.820282	-1.21909	0.0391053	0.704886	-1.41867	0.259194	0.841635	1.18896	1.69982	5.57752	0.302008	1
cg24124789	IAIS2	0.233292	0.95732	0.992579	-1.00748	0.125772	1.25935	1.25935	0.849154	1.02686	1.02686	0.489155	0.906833	-1.10274	0.261564	1.17699	1.17699	0.986685	0.99768	-1.00233	0.977058	1.00401	1.00401	0.0864073	1.30168	1.30168	0.0234939	1.45736	1.45736	0.69979	0.521455	0.272739	1
cg09231673	DDHD2;DDHD2	0.233295	0.4599944	0.7109	-1.40665	0.0796328	0.713413	1.72141	0.0674979	0.840025	-1.19021	0.0776195	0.744544	-1.34303	0.0422102	-2.48002	0.655491	0.675717	-1.47991	0.691314	1.41678	1.41678	0.747605	0.754394	-1.32557	0.0108467	16.3239	16.3239	0.488712	1.84776	1.84776	1.7	20.5156	10.7271	1
cg24560729	KIAA1530	0.233295	0.110681	0.416698	-2.39982	0.316006	0.68561	1.68561	0.413733	0.667554	-1.49801	0.379623	0.635125	-1.57449	0.337471	0.607726	-1.64548	0.467347	1.45132	1.45132	0.479388	0.43639	-2.29181	0.0391053	0.704886	-1.41867	0.259194	0.841635	1.18896	1.69982	5.57752	0.302008	1
cg05449009	CHRNA1;CHRNA1	0.233296	0.427778	0.8914	-1.12169	0.0756225	0.738223	1.35461	0.0613887	0.910063	1.09865	0.0606959	1.10699	1.10699	0.777394	0.957346	1.04475	0.7185846	1.39203	1.39203	0.0715735	1.39873	1.39873	0.341236	1.30658	1.30658	0.0680885	0.939823	0.964603	1.7	0.636784	0.332959	0.515253	1
cg23787031	C12orf43	0.233303	0.333028	1.31787	1.31787	0.611251	1.15222	1.15222	0.193789	0.683831	-1.46235	0.50526	0.829557	-1.20546	0.143762	1.54369	1.54369	0.646811	1.13521	1.13521	0.405322	1.26534	1.26534	0.713279	0.903016	-1.1074	0.0378509	0.513966	-1.94565	1.69975	2.05683	1.07562	1
cg14248734	EIF4H	0.233307	0.9343306	0.893222	-1.11981	0.0923227	1.03327	1.03327	0.554883	1.73168	1.73168	0.285815	1.37096	1.37096	1.368	0.556103	0.5402624	1.851195	0.7548381	1.324	0.0566103	0.474753	2.106	0.0134498	0.199576	0.363458	2.75135	0.266	1.4673	1.70015	1.68998	1.04625	1.71727	0.895576	1
cg12727149	ARHGAP41	0.233309	0.8926922	0.950834	-1.05171	0.0578446	1.63845	1.63845	0.688112	1.09736	1.09736	0.0501686	1.67215	1.67215	0.839106	1.04792	1.04792	0.0769922	1.57262	1.57262	0.290687	0.776888	-1.28719	0.766541	1.07095	1.07095	0.790171	1.06082	1.06082	1.6996	1.42686	0.746245	1
cg26204322	PLCB1	0.233347	0.0772796	0.655584	-1.52536	0.309044	0.797469	-1.25397	0.98312	1.00456	1.00456	0.390746	0.827747	-1.2081	0.0918499	1.49028	1.49028	0.916731	1.02274	1.02274	0.544807	1.1393	1.1393	0.245532	0.770199	-1.29837	0.186225	1.35156	1.35156	1.69957	1.24392	0.650578	1
cg13494587	CHST8;CHST8	0.233349	0.617483	1.07498	1.07498	0.452364	1.98214	1.98214	0.310221	1.58042	1.58042	0.207755	1.50464	1.50464	0.207755	1.50464	1.50464	0.509613	1.17294	1.17294	0.380159	1.29821	1.29821	0.33988	1.74361	1.74361	0.0202115	1.0867	1.0867	1.69952	1.61244	0.82479	1
cg03424127	PGBD5	0.233349	0.0785023	0.34616	-2.3033	0.868061	0.93148	-1.07356	0.903754	0.94960	-1.053	0.944621	1.0291	1.0291	0.0692618	0.419912	-2.38145	0.234666	0.587536	-1.70202	0.0866382	0.445753	-2.24317	0.962708	0.980237	-1.02016	0.0511333	0.387415	-2.58121	1.69956	4.90602	2.5659	1
cg22837165	TSNAX#1	0.233349	0.1994861

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1055 vs. N)	Fold-Change(1055 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df(Error
cg06620935	VWA1;VWA1	0.233584	0.672046	0.653796	-5.52953	0.07099526	0.133583	-7.48596	0.221304	0.277187	-3.60767	0.700032	0.687916	-1.45367	0.425303	0.443904	-2.25274	0.209954	0.259774	-3.8485	0.959364	0.951136	-1.05137	0.07682211	7.1269	0.30624	2.87823	0.68861	26.7941	34.02214	1
cg06567155	SLC25A15	0.23359	0.808079	0.955731	-1.04632	0.352626	1.19478	2.19478	0.949401	1.01188	1.011088	1.381502	1.18176	1.18176	0.661463	0.921286	1.08544	0.291532	0.81576	-1.22585	0.01176589	1.77819	1.77819	0.483055	0.875788	-1.14183	0.945519	0.987365	-1.0128	1.69859	0.931291	0.487353	1
cg04922596	MC2R	0.233596	0.01678112	0.372275	-2.68618	0.624285	0.842671	-1.1867	0.274035	0.673887	-1.48393	0.910113	1.03994	1.03994	0.105551	0.541637	-1.84626	0.432185	0.757318	-1.32045	0.177455	0.608337	-1.64383	0.962175	0.983689	-1.01658	0.101081	0.536524	-1.86385	1.69856	3.23488	1.69287	1
cg01797485	ANP32A	0.233599	0.2099192	0.650982	-1.53634	0.878426	0.93999	-1.06354	0.105707	2.024	2.024	0.525322	0.773533	-1.29277	0.134145	0.524939	-1.90498	0.127277	0.56054	-1.784	0.584733	1.24629	1.24629	0.613835	1.22508	1.22508	0.075719	0.457104	-2.18768	1.69855	4.28193	2.24082	1
cg23944251	LOC100128811;GPR158	0.233613	0.865968	1.05665	1.005665	0.473043	1.2688	1.2688	0.0262124	2.36387	2.363687	0.520956	0.808768	-1.23645	0.128093	0.584718	-1.71023	0.960145	0.983831	-1.01644	0.477654	1.26556	1.26556	0.537943	0.81382	-1.22877	0.211681	1.53604	1.53604	1.6985	2.86268	1.49815	1
cg03046247	EGFR;EGFR;EGFR;EGFR	0.233615	0.936579	1.03176	1.013176	0.633313	1.20781	1.20781	0.552626	0.7897891	-1.26616	0.526013	1.2864	1.2864	0.367464	1.43861	1.43861	0.447118	0.737576	-1.35579	0.0166047	1.15559	1.15559	0.145059	1.84921	1.84921	0.194841	1.71377	1.71377	1.69849	4.15117	2.17248	1
cg21656824	TSKU	0.233626	0.43122	1.28222	1.28222	0.589858	0.845016	-1.18341	0.999208	0.999693	-1.00031	0.880634	1.0476	1.0476	0.139466	1.63579	1.63579	0.885071	1.04577	1.04577	0.0172935	2.45283	2.45283	0.156922	1.59756	1.59756	0.152762	1.60622	1.60622	1.69844	2.57584	1.34808	1
cg34946597	NRG1;NRG1	0.233628	0.07554062	2.73038	2.73038	0.336589	1.60787	1.60787	0.131243	0.459983	-2.36106	0.799841	0.8259866	-1.16167	7	0.157991	0.547889	0.847062	1.0955	1.0955	0.157991	0.547889	-1.82519	0.709586	0.834437	-1.19841	0.98674	5.00414	1.79913	1
cg00575896	HYAL2;HYAL2	0.233628	0.738253	1.08378	1.28784	0.707204	1.28865	1.28865	0.261978	1.32395	1.323955	0.754373	0.927246	-1.07821	0.0116691	0.469476	-2.13004	0.591887	1.13864	1.13864	0.951809	1.01461	1.01461	0.972097	1.00843	1.00843	0.976332	0.992908	-1.00674	1.69844	1.54823	0.810277	1
cg23403864	YWHAQ	0.23363	0.298114	0.777636	-1.28562	0.768658	0.933602	-1.07112	0.062054	1.6313	1.6313	0.1979	0.728325	-1.37301	0.694039	0.912018	-1.09647	0.286773	1.2939	1.2939	0.0768172	0.632297	-1.58154	0.533341	0.863327	-1.15831	0.822522	1.05373	1.05373	1.69843	1.45958	0.763884	1
cg24113449	ADSBK2	0.23363	0.15664	2.62737	2.62737	0.375614	1.59395	1.59395	0.134946	0.8090656	-1.23608	0.638636	0.9040396	-1.07405	0.321283	0.833979	-1.20011	0.2329205	0.795149	-1.25691	0.0690241	1.5409	1.5409	0.0990241	1.52215	1.52215	0.079704	1.54293	1.8830351	1.04689	1.04689	1.69842	1.22211	0.659361	1
cg00113951	CABP1	0.233635	0.134217	0.668744	-1.49534	0.620323	0.132248	1.13248	0.616677	0.8818851	-1.13398	0.0540656	0.5799982	-1.72414	0.103943	0.642125	-1.55727	0.912379	0.97295	-1.0278	0.0597809	0.58909	-1.69753	0.142054	0.674862	-1.48178	0.444136	0.823363	-1.21453	1.69841	1.66953	0.873773	1
cg12159007	UCP2	0.233636	0.290345	0.691349	-1.44645	0.8344008	0.526184	1.90048	0.349939	0.667366	-1.49843	0.869893	0.946353	-1.05669	0.558068	1.22948	1.22948	0.149921	0.594996	-1.68068	0.1596401	1.7988	1.7988	0.103174	1.4125	1.4125	0.585765	0.831028	-1.20153	1.69841	1.04312	1.59377	1
cg00509996	SORCS2	0.233636	0.100088	3.06172	-1.82088	0.132902	0.34091	3.34091	0.163114	0.64584	-1.54837	0.669458	1.53376	1.53376	0.0506633	0.19076	-5.24219	0.446353	1.78154	1.78154	0.0166969	0.613134	-1.63096	0.640715	0.14862	-1.41862	0.616139	1.45652	1.45652	1.6984	14.8884	7.79212	1
cg00649211	E2F7	0.233637	0.804795	0.963623	-1.03775	0.802873	0.963263	-1.03814	0.37799	0.873403	-1.14495	0.475687	0.897147	-1.11464	0.0266799	0.675045	-1.48138	0.382496	0.874573	-1.14351	0.463117	1.11824	1.11824	0.204042	0.818252	-1.22212	0.0418759	0.70403	-1.42039	1.6984	0.602332	0.315241	1
cg03521777	SMAP2	0.233637	0.682918	1.04961	-1.0532	0.2624271	1.15877	1.15877	0.108561	1.246	1.246	0.931828	1.0086	1.0086	0.545536	1.08068	1.08068	0.764064	1.03868	1.03868	0.0244843	1.73876	1.4008	0.407548	0.898605	-1.11284	0.866491	1.02146	1.02146	1.6984	0.428571	0.224196	1
cg05149386	ADM	0.233646	0.144608	0.394088	-2.5375	0.08048221	0.183668	1.83668	0.640746	0.758418	-1.31853	0.508705	0.673761	-1.48421	0.33538	0.556212	-1.79787	0.443826	0.631165	-1.58437	0.163581	0.415933	-2.40425	0.156511	0.406534	-2.45982	0.115531	0.360596	-2.77319	1.76234	0.943818	0.16538	1
cg00291989	RPL9L	0.233649	0.0705588	1.3539	1.3539	0.2626201	1.18967	1.18967	0.215725	1.21571	1.21571	0.647964	1.07135	1.07135	0.427398	1.12918	1.12918	0.336056	0.863813	-1.15824	0.0344368	1.44826	1.44826	0.958834	1.00777	1.00777	0.565421	0.91657	-1.09102	1.69835	0.604607	0.316441	1
cg07680589	OTUD4;OTUD4;OTUD4	0.233651	0.3440807	0.797002	-1.19346	0.2128217	1.9539	1.9539	0.157477	1.35375	1.353755	0.213855	0.9309315	-1.07421	1.07421	0.841798	-1.18539	0.2148775	0.8509165	-1.17502	0.0242843	1.73876	1.4008	0.407548	0.8986055	-1.11284	0.866491	1.02146	1.02146	1.6984	0.428571	0.224196	1
cg01082991	RNF44;RNF44	0.233656	0.880194	0.97365	-1.02706	0.777905	1.05134	1.05134	0.290731	1.21425	1.21425	0.0615135	1.45198	1.45198	0.0432279	1.50942	1.50942	0.0674826	1.43724	1.43724	0.916284	0.981556	-1.01879	0.141558	1.32296	1.32296	0.481333	1.1351	1.1351	1.69833	0.843182	0.441314	1
cg12587818	PHTF1	0.233658	0.28127	0.350936	-2.84945	0.1582615	0.26506	1.26506	0.406162	0.499847	-2.00061	0.210456	0.2951337	-3.38545	0.290438	0.3450164	-2.90004	0.507547	0.533309	-1.87509	0.0414053	0.13101	-7.63158	0.0170391	0.13085	-7.64249	0.107778	0.183432	-5.45177	1.69832	0.559577	0.245267	-4.07718	1.68432	23.5187	12.3096	1
cg16572315	MRPL46;MRPS11;MRPS11 MOG;MOG;MOG;MOG;MOG;MOG;M	0.23366	0.939587	0.985668	-1.01454	0.358439	0.119704	2.19704	0.242941	1.26202	1.26202	0.159296	0.73208	-1.36597	0.164872	0.75414	-1.32601	0.0947281	0.704089	-1.41872	0.614069	0.917682	-1.0897	0.0917013	0.702122	-1.42425	0.449365	0.863455	-1.15814	1.69831	0.975599	0.510626	1
cg17977304	OG;MOG;MOG;MOG;MOG	0.233663	0.561678	1.36689	1.36689	0.272584	0.544325	-1.83714	0.113125	0.399169	-2.5052	0.744278	0.840017	-1.19045	0.267584	0.540577	-1.84988	0.13811	2.34056	2.34056	0.353111	0.601161	-1.66345	0.233807	1.94413	1.94413	0.197598	2.06552	2.06552	1.6983	7.63022	3.99366	1
cg03402994	SLC26A1;IDUA;SLC26A1;SLC26A1	0.233665	0.572314	0.905189	-1.10474	0.965755	0.992533	-1.00752	0.847169	1.03426	1.03426	0.534223	0.898156	-1.11339	0.122223	0.746453	-1.33967	0.126584	0.74918	-1.33444	0.533984	1.11624	1.11624	0.920877	1.0175	1.0175	0.016258	0.598662	-1.67039	1.69829	0.819782	0.429076	1
cg00549758	C20orf185	0.233668	0.425742	0.871158	-1.14759	0.6117268	0.586282	-1.70656	0.0262116	0.863711	-1.1578	0.239393	0.8027251	-1.24577	0.0289375	0.7213776	-1.38625	0.1976102	0.7911652	-1.26402	0.0268372	1.20709	1.20709	0.866821	1.05	1.05	0.210521	0.799512	-1.25076	0.47928	0.77353	0.404871	1
cg04114267	ELOF1	0.23367	0.419783	0.885528	-1.12927	0.417011	0.884857	-1.13013	0.792426	0.96185	-1.03966	0.456389	1.11837	1.11837	0.0339688	1.4406	1.4406	0.384737	1.14046	1.14046	0.158867	0.808045	-1.24868	0.258213	0.840304	-1.19004	0.533569	0.9112	-1.09745	1.69827	0.58502	0.306205	1
cg06960881	PC;PC;PC	0.233674	0.180471	1.58473	1.58473	0.2216071	0.77071	1.29071	0.502291	0.89193	-1.12122	0.888473	1.16857	1.16857	0.0124893	1.68239	1.68239	0.508172	1.27176	1.27176	0.0388172	1.30468	1.30468	0.477382	1.14984	1.14984	0.142855	1.14984	1.14984	1.69825	1.16551	0.722109	1
cg05641884	USO1	0.23687	0.882068	1.05542	1.05542	0.446582	0.913636	1.13636	0.0525165	0.447145	-2.23641	0.415727	0.7391579	-1.35289	0.0330506	0.404306	-2.47337	0.860653	1.06592	1.06592	0.086468	0.750153	-1.98992	0.844545	0.931155	-1.07394	0.713599	1.14332	1.14332	1.6982	1.55066	1.85852	1
cg04097394	DGCR9	0.233691	0.769644	0.916959	-1.09056	0.309937	0.733107	-1.36369	0.0463097	0.509713	-1.96189	0.420611	1.27495	1.27495	0.155505	1.56626	1.56626	0.921476	1.02954	1.02954	0.180735	1.52132	1.52132	0.334563	1.34153	1.34153	0.394673	1.29353	1.29353	1.69818	2.34419	1.22703	1
cg10087754	TTYH3	0.233697	0.7610321	0.91247	1.09447	0.3124121	1.21861	1.21861	0.0882744	1.24381	1.243811	0.497451	1.1010388	1.10104	0.0442179	1.52746	1.52746	0.294059	0.509306	-1.96344	0.0388738	1.32638	1.32638	-3.05215	0.702199	0.678823	-1.96344	0.660314	0.780319	1.69817	0.688254	0.41071	1
cg10661002	OSBP;LOC98275;LOC98275;OSBP;LOC98275;OSBP;L	0.2337	0.235013	0.435335	-2.29708	0.461296	0.165056	1.65056	0.345611	0.52257	-1.91362	0.240963	0.2449	0.2449	0.14715	2.82759	2.82759	0.56845	1.46084	1.46084	0.408855	1.7584	1.7584	0.0598183	0.241968	-4.13277	0.74069	0.800996	-1.24845	1.69815	12.0066	6.28479	1
cg11218625	PAX7;PAX7;PAX7	0.233702	0.1642695	1.2422	1.2422	0.2878534	0.1665	1.1665	0.0262116	0.163552	-3.81353	0.0790099	0.1632	0.1632	0.0661534	3.0931	3.0931	0.1446559	1.2937	1.2937	0.0625986	2.5386	2.5386	0.0788031	-1.2853	-1.2853	0.0126531	0.1634	0.1634	1.6813	0.7023	0.26987	1
cg04000698	SLC35F3	0.233704	0.204035	4.50229	4.50229	0.29436	3.8626	3.8626	0.765166	1.39967	1.39967	0.317053	1.39295	1.39295	0.540246	0.498604	2.0056	0.212464	4.36674	4.36674	0.906711	1.14064	1.14064	0.0509521	12.1287	12.1287	0.031094	17.1202	17.1202	1.6813	33.8837	17.7364	1
cg09119731	HS3ST2	0.233704	0.228211	0.629138	-1.58948	0.869776	1.06634	1.06634	0.360717	1.41097	1.41097	0.151483	1.87191	1.87191	0.146823	1.7692	1.7692	0.025862	2.63625	2.63625	0.69936	1.15279	1.15279	0.893969	1.05007	1.05007	0.409469	1.39217	1.39217	1.69813	3.61058	1.88996	1
cg05591004	DPYS4	0.233704	0.0526767	1.9026	1.9026	0.2787678	0.722759	-1.38359	0.113923	0.647727	-1.54376	0.167627	0.607044	1.64703	0.0402124	1.28885	1.28885	0.0386047	1.38883	1.38883	0.16668	1.39395	1.39395	0.824186	1.05182	1.05182	0.170273	0.917943	-1.0901	1.69813	1.38652	0.725776	1
cg17398485	C9orf56;C9orf56;C9orf56	0.233705	0.12948	0.218252	-4.58185	0.0508831	0.126603	-7.89871	0.354817	0.421925	-2.42172	0.133046	4.50822	4.50822	0.33117	0.395515	-2.52835	0.182167	0.26828	-3.72745	0.627154	1.57591	1.57591	0.85977	0.848476	-1.17858	0.94642	1.06444	1.06444	1.69813	23.2206	12.1549	1
cg22139325	CASP	0.233707	0.362972	0.727117	-1.37532	0.451685	1.3228	1.3228	0.0224875	1.54788	1.54788	0.157706	1.09648	1.09648	0.0106402	1.34033	1.34033	0.150602	0.807071	-1.1002	0.505966	1.11567	1.11567	0.739645	1.00322	1.00322	0.818327	0.709921	1.00322	1.69812	1.00322	0.536954	1
cg03678189	ACTR3;ACTR3B	0.233711	0.722	0.825581	-1.17291	0.0144386	0.184138	1.84138	0.159123	1.95777	1.95777	0.927023	0.959927	-1.04175	0.912965	0.952362	-1.05002	0.758822	0.871549	-1.14738	0.102482	2.20637	2.20637	0.655399	1.22205	1.22205	0.818281	1.1082	1.1082	1.6981	1.36008	2.80578	1
cg01193310	ST7;ST7;ST7OT4;ST7OT1	0.233714	0.993459	0.998506	-1.00015	0.0526965	1.49459	1.49459	0.0415694	1.5353	1.5353	0.889556	0.974968	-1.02568	0.611832	1.09787	1.09787	0.684533	0.928182	-1.07738	0.724824	0.937549	-1.06661	0.413466	0.85852	-1.1648	0.132572	1.34463	1.34463	1.6809	0.895308	0.468661	1
cg03748158	KIAA1822;KIAA0182	0.233715	0.4013372	0.866153	-1.15477	0.4516885	1.15122	1.15122	0.0978778	1.10102	1.101024	0.154513	0.9049322	-1.10507	0.0220063	1.21055	1.21055	0.560602	0.897011	-1.11452	0.507566	1.34013	1.34013	0.0911315	1.31077	1.31077	0.0602211	1.16522	1.16522	1.6809	0.709951	0.369554	1
cg04779631	SH3GL3;SH3GL3	0.233716	0.481182	0.813212	-1.23105	0.361885	0.31271	1.31271	0.01032	2.5554	2.5554	0.96424	1.01289	1.01289	0.620942	0.865264	1.15572	0.696187	0.892325	-1.12067	0.925975	0.979381	-1.02735	0.418114	0.786458	-1.27152	0.758884	0.91453	-1.09346	1.69808	0.726681	0.386611	1
cg13808147	CMTM7;CMTM7	0.233717	0.0847202	1.64444	1.64444	0.2587679	0.7133	1.16444	0.168304	0.674413	-1.48304	0.674413	0.533358	1.87475	0.0655447	1.47271	1.47271	0.0386047	1.38883	1.38883	0.16668	1.39395	1.39395	0.824186	1.05182	1.05182	0.170273	0.917943	-1.0901	1.69813	1.38652	0.725776	1
cg09024962	FST14	0.233728	0.5767	1.23284	1.23284	0.0851593	1.02686	1.02686	0.0291551	2.59649	2.59649	0.644901	1.18797	1.18797	0.940718	1.02799	1.02799	0.184535	1.66416	1.66416	0.0404196	2.46762	2.46762	0.390185	1.38656	1.38656	0.600649	1.21659	1.21659	1.6804	3.70513	1.93957	1
cg05534676	NEUROD6	0.233736	0.154639	1.9873	1.9873	0.2734577	1.19274	1.19274	0.150147	0.5249	1.2249	0.446629	0.9214091	1.44201	0.0148225	1.47139	1.47139	0.0576815	1.62408	1.62408	0.158708	1.54804	1.54804	0.114666	1.44303	1.44303	0.632396	0.901588	-1.10915	1.69777	1.24246	0.650506	1
cg05972028	LYN;LYN	0.233736	0.298261	0.637867	-1.56793	0.878779	0.933633	1.06557	0.338439	0.715231	0.915389	0.245507	0.285044	0.629354	1.58953	0.0182526	0.40962	0.108598	0.481984	2.07476	0.047411	0.334592	2.99021	0.0422192	0.763732	1.30917	0.0183781	0.13395	1.698	1.67658	0.35481	0.244815	1
cg10143426	TP73;WDR8	0.233752	0.0430156	11.3649	11.3649	0.376966	2.57623	2.57623	0.292666	3.12534	3.12534	0.272002	3.29871	3.29871	0.402669	0.409026	-2.44483	0.672329	0.641424	-1.55903	0.766242	0.732565	-1.36507	0.457621	2.20238	2.20238	0.0451783	11.0092	11.0092	1.69794	29.3	15.3389	1
cg01087754	IGF1R	0.233754	0.761923	0.91247	1.09447	0.3124121	1.21861	1.21861	0.0882744	1.24381	1.243811	0.497451	1.1010388	1.10104	0.0442179	1.52746	1.52746	0.294059	0.509306	-1.96344	0.0388738	1.32638	1.32638	-3.05215	0.702199	0.678823	-1.96344	0.660314	0.780319	1.69774	0.688254	0.41071	1
cg00581048	ZBTB5	0.233757	0.263717	0.781838	-1.27904	0.505991	0.867142	-1.15321	0.0584985	0.636648	-1.57073	0.098434	1.511121	1.511121	0.620029	1.11135	1.11135	0.23315	1.30223	1.30223	0.914877	1.02284	1.02284	0.398061	1.20055	1.20055	0.700107	0.921496	-1.08519	1.69792	1.19994	0.628192	1
cg07517865	KCND3;KCND3	0.233764	0.561349	1.06074	1.06074	0.949937	0.991708	-1.00633	0.508587	1.00074	1.00074	0.98711	0.9983722	-1.00163	0.0248565	0.764479	-1.30808	0.146559	1.07307	1.07307	0.625986	0.778031	-1.2853	1.03126	0.636943	1.03126	0.633431	1.03437	1.03437	1.69787	0.829597	0.49067	1
cg03768678	NDUFAF2;ERCC8;ERCC8	0.233768	0.703882	0.954737	-1.04797	0.2402	1.10006	1.10006	0.166869	0.990738	-1.00935	0.228678	1.16561	1.16561	0.28414	1.1445	1.1445	0.243436	1.15957	1.15957	0.0453784	0.778099	-1.28516	0.852296	0.66912	-1.06912	0.0632982	1.28851	1.28851	1.69787	0.39567	0.207146	1
cg13720744	CRK1	0.233771	0.758193	0.943342	-1.06006	0.0213685	0.68603	-1.68603	0.0821942	1.43866	1.43866	0.925599	0.982511	-1.0178	0.987458	1.03743	1.03743	0.749588	1.06235	1.06235	0.815755	0.95687	-1.04507	0.865888	1.03244	1.03244	0.0823713	1.43829	1.43829	1.69786	0.959388	0.502273	1
cg16908208	TMEM132C	0.233772	0.604332	0.894355	-1.11853	0.553042	0.959591	-1.04648	0.842804	0.970205	-1.03071	0.732216	0.929214	1.07618	0.130707	0.670801	-1.49456	0.0307599	0.744113	1.34307	0.0014001	1.35027	1.35027	0.0148859	1.20842	1.20842	0.0068152	1.25179	1.25179	1.69782	1.18178	0.695813	1
cg11810743	DACT2	0.233783	0.59606	1.4184	1.4184	0.913141	1.07389	1.07389	0.0353813	0.201753	-4.95655	0.485788	0.62955	-1.58844	0.974562	1.02105	1.02105	0.330474	1.92726	1.92726	0.0943277	0.300703	-3.32554	0.210248	2.36939	2.36939	0.555377	0.677244	-1.47657	1.69781	11.4788	6.00969	1
cg12437993	CDLN4;2	0.233793	0.731533	1.07622	1.07622	0.426395	1.19074	1.19074	0.479367	1.16716	1.16716	0.414136	0.8857729	-1.12899	0.119656	0.677219	-1.47657	0.288153	0.955102	-1.04701	0.0351959	1.69442	1.69442	0.114666	1.44303	1.44303	0.632396	0.901588	-1.10915	1.69777	1.24246	0.650506	1
cg03620373	CDG7	0.233794	0.91691	-1.07362	-1.57595	0.868153	0.993372	-1.00667	0.260767	0.852239	-1.21575	0.169261	1.27625	1.27625	0.423547	1.13598	1.13598	0.279956	1.20571	1.20571	0.0523639	1.4441	1.4441	0.951952	0.99027	-1.00983	0.974111	0.865605	-1.15526	1.69777	0.745959	0.390556	1
cg15047889	FAM91A1	0.233795	0.20407	1.35205	1.35205	0.657277	1.10571	1.10571	0.117705	1.46571	1.46571	0.607512	1.12365	1.12365	0.326424	1.25608	1.25608	0.921996	0.9762	-1.02229	0.67544	1.09939	1.09939	0.0181339	1.90734	1.90734	0.0685827	1.58211	1.58211	1.69776	1.16167	0.712922	1
cg07886541	MTFR1;MTFR1;MTFR1	0.233796	0.150245	1.71461	1.71461	0.2993114	0.916074	1.16074	0.0425254	0.474856	1.10999	0.0508512	0.9934491	1.01757	0.0429091	1.14207	1.14207	0.0576815	1.62408	1.62408	0.158708	1.54804	1.54804	0.114666	1.44303	1.44303	0.632396	0.901588	-1.10915	1.69777	1.24246	0.650506	1
cg00705930	PAX6;PAX6;PAX6	0.233808	0.947227	0.95963	-1.04207	0.2208323	0.52197	1.52197	0.0591599	3.76225	3.76225	0.932906	0.946258	-1.05679	0.404997	1.69961	1.69961	0.553259	1.45261	1.45261	0.214772	2.25459	2.25459	0.331127	1.8668	1.8668	0.513553	0.662029	-1.51051	1.69771	1.40199	0.545565	1
cg18287222	MAP3K5	0.233811	0.0919628	1.30243	1.30243	0.2654164	0.756	1.1756	0.525137	1.36005	1.36005	0.167512	1.74732	1.74732	0.206563	1.37871	1.37871	0.0231227	1.1246324	1.1246324	0.25	2.35	2.35	0.0382582	1.89906	1.89906	0.0125853	1.93055	1.93055	1.69763	0.42145	0.247302	1
cg16182936	IQSEC1	0.233815	0.409458	-2.705104	-1.41823	0.226452	0.590942	-1.69221	0.954982	1.02366	1.02366	0.709744	0.856538	-1.16749	0.160737	0.53764	-1.85998	0.144213	1.522172	-1.91508	0.0166502	0.297914	-3.35667	1.037462	0.483031	-2.07026	0.894511	0.946533	-1.05649	1.69768	1.64277	2.4152	1
cg17554194	HLA-B;HLA-B	0.233817	0.12875	1.78234	1.78234	0.791455	0.91029	-1.09778	0.863039	0.941026	-1.06267	0.0173591	0.360648	-2.77279	0.547075	0.806938	-1.23925	1.26931	0.26933	3.70994	0.0497947	1.27406	1.27406	0.647081	1.76168	1.76168	0.0197667	3.33195	3.33195	1.69763	1.74458	1
cg10499598	ITGA1;PLEU;PELO	0.233823	0.604332	0.894355	-1.11853	0.553042	0.959591	-1.04648	0.842804	0.970205	-1.03071	0.732216	0.929214	1.07618	0.130707	0.670801	-1.49456	0.0307599	0.744113	1.34307	0.0014001	1.35027	1.35027	0.0148859	1.20842	1.20842	0.0068152	1.25179	1.25179	1.69763	1.18178	0.695813	1
cg07570142	MOXD1	0.233825

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ab1805B32	PAK6;PAK5;PAK2;PAK6	0.234041	0.338859	1.17396	1.17396	0.0982362	1.16474	1.34274	0.822881	0.964224	-1.03571	0.197976	0.801629	-1.24746	0.445758	1.13463	1.13463	0.20732	0.805666	-1.24121	0.0583154	1.41529	1.41529	0.707039	0.940483	-1.06328	0.812139	1.03945	1.03945	1.06978	0.709645	0.371762	1
gi36656994	FAM163A	0.234042	0.0573416	0.97826	0.97826	0.147871	1.63721	1.637221	0.732716	0.751933	-1.32991	0.628299	1.50041	1.50041	0.977556	1.02367	1.02367	0.127379	0.93975	0.93975	0.148642	3.62703	3.62703	0.781716	1.25988	1.25988	0.0409408	7.11455	7.11455	1.69677	18.5886	9.73805	1
gi23705973	HIST1H1D	0.234043	0.4486685	1.35428	1.35428	0.207801	1.6849	1.6849	0.0757924	2.17336	2.17336	0.679885	0.849612	-1.17701	0.572455	0.99286	-1.25112	0.344369	1.46606	1.46606	0.0954585	0.487012	-2.05334	0.688599	1.17145	1.17145	0.206356	0.592416	-1.688	1.69677	4.14624	2.1721	1
gi30451178	MAP1D	0.234044	0.0817152	0.304737	-3.28113	0.691208	0.783331	-1.27676	0.784163	1.18423	1.18423	0.906571	1.07499	1.07499	0.0869802	0.312222	-3.20295	0.390823	0.58812	-1.70053	0.0739078	0.292612	-3.41749	0.0549854	0.260707	-3.83552	0.232722	0.462687	-2.16129	1.69676	10.3931	5.33989	1
gi23711119	PLD1;PLD1	0.234045	0.405483	0.561693	-1.78033	0.963884	0.96978	-1.03116	0.0227125	0.157516	-6.34858	0.334398	1.96345	1.96345	0.366194	0.547849	-1.82532	0.632145	1.38661	1.38661	0.556254	0.680892	-1.4968	0.177029	2.6444	2.6444	0.508072	1.57624	1.69676	12.3426	6.46595	1
gi18894938	LRRC26	0.234048	0.0351346	0.76178	-1.31271	0.351218	0.899093	-1.11223	0.0576536	0.788216	-1.26869	0.769138	0.967807	-1.03317	0.375173	0.904016	-1.10618	0.804935	0.972309	-1.02848	0.0584778	0.788987	-1.26745	0.19793	0.859993	-1.16284	0.934505	1.00915	1.00915	1.69675	0.330255	0.173034	1
gi29750257	COL11A2;COL11A2;COL11A2	0.23405	0.121726	1.86834	1.86834	0.0303238	2.58219	2.58219	0.964285	0.983455	-1.01682	0.752719	1.12498	1.12498	0.114429	1.89596	1.89596	0.659943	0.847918	-1.17936	0.178763	1.70271	1.70271	?	?	0.1917	1.38675	1.38675	1.70283	3.32788	1.95432	1
gi21209924	DHMT2;DHMT2	0.234052	0.248901	0.777737	-1.28578	0.0746637	1.51314	1.51314	0.183286	0.833286	-1.22958	0.783815	1.05984	1.05984	0.374754	1.20919	1.20919	0.960851	0.991161	-1.00897	0.885326	1.48702	1.48702	0.420803	0.842357	-1.18715	0.261426	0.78326	-1.27672	1.69673	1.16922	0.612536	1
gi14002781	DHX8;UDHX8	0.234061	0.873332	0.972436	-1.02835	0.0865611	0.717732	-1.39328	0.360266	0.2448188	-1.17898	0.202017	0.798075	0.2139796	-1.25098	0.318875	-1.22119	0.099407	1.37219	1.37219	0.182864	1.28098	1.28098	0.176891	0.572202	0.948072	-1.05477	0.462443	0.877178	1.14002	1.69669	0.824745	0.43208	1
gi30959147	TTLL7	0.234065	0.287283	2.01312	2.01312	0.51299	1.52218	1.52218	0.836875	0.877607	-1.13946	0.207663	2.31954	2.31954	0.450208	0.614328	-1.6278	0.11095	3.00332	3.00332	0.296631	1.9843	1.9843	0.0214819	5.75016	5.75016	0.251794	2.13433	2.13433	1.69668	10.7761	5.6456	1
gi30798104	LOC375190	0.234071	0.892179	0.942605	-1.06099	0.0822145	0.827	-1.20898	0.0827	1.20898	1.24425	2.14425	0.807291	0.457599	2.33125	2.33125	2.33125	0.325411	1.5567	1.5567	0.246296	0.589522	1.69626	0.539097	1.3076	1.3076	0.923112	1.04297	1.69665	5.10436	2.67421	1
gi24621607	TPB;TPB1	0.234078	0.0296875	1.92635	1.92635	0.461483	1.21173	0.118596	1.54343	1.54343	0.546933	1.16775	1.16775	0.438152	1.22437	1.22437	1.22437	0.194123	1.42179	1.42179	0.164271	0.680749	-1.46253	0.364189	1.26849	1.26849	0.844258	0.10168	1.05168	1.69663	1.76336	0.923852	1
gi20555462	UBA52;H2B	0.234084	0.851607	0.847535	-1.17985	0.0628902	0.34095	-2.93255	0.0265843	10.201	10.201	0.904956	1.11128	1.11128	0.217266	0.317677	-3.14786	0.979588	1.02604	1.02604	0.902497	0.828665	-1.50907	0.819966	1.22307	1.22307	0.863996	0.861406	-1.16089	1.6966	20.9669	10.9851	1
gi21319225	RAB7A	0.234084	0.514306	0.779656	-1.28262	0.0551683	0.441394	-2.26555	0.197771	1.599227	-1.66882	0.974183	0.9879	-1.01225	0.952377	1.02272	1.02272	0.548436	1.25663	1.25663	0.655665	2.26081	2.26081	0.541475	1.26178	1.26178	0.460355	0.753705	-1.32678	1.6966	3.80256	1.99225	1
gi30102879	SCNN1B	0.234087	0.0370882	17.1652	17.1652	0.326519	3.28596	0.806884	1.33341	1.33341	0.604088	0.540987	-1.84847	?	?	?	?	0.474116	2.35128	2.35128	0.175736	1.48441	1.48441	0.315724	3.3814	3.3814	0.0344021	18.1348	18.1348	1.70268	33.0623	19.4178	1
gi30956052	ATP1A4	0.234089	0.0386244	1.344197	-2.90533	0.307957	0.379502	-1.47167	0.220001	0.561372	-1.77566	0.207347	0.618138	-1.61776	0.0304668	0.322282	-3.10287	0.625061	0.931484	-1.07356	0.776572	1.29099	-1.23001	0.404528	1.1078	1.1078	0.0728102	1.1348	1.1348	1.69648	0.557987	0.292363	1
gi20253268	GLS1	0.234115	0.319512	0.633029	-1.57971	0.122124	0.474864	-2.10587	0.0206018	0.289534	-3.45382	0.861695	1.08059	1.08059	0.950217	0.97263	-1.02814	0.281419	0.608	-1.64474	0.272262	0.601741	-1.66185	0.475814	1.38028	1.38028	0.551256	1.30729	1.30729	1.69648	5.30812	2.78125	1
gi18624528	GRIK2;GRIK2;GRIK2	0.234121	0.206885	0.675015	-1.51937	0.187457	0.7369	-1.35727	0.3117	1.24104	1.24104	0.835552	1.088049	-1.09192	0.10583	1.364643	1.364643	0.605909	0.7429	-1.34608	0.222621	0.209681	-4.76914	0.0828073	0.31989	-3.12701	0.645645	0.858771	0.903336	-1.10701	1.66545	8.76562	4.59202	1
gi30764619	ATG4B;ATG4B ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.234127	0.0329954	0.314927	-3.17533	0.0607973	0.375534	-2.66288	0.159304	0.498093	-2.00766	0.0966071	0.429445	-2.32859	0.936562	0.963786	-1.03757	0.669635	1.22003	1.22003	0.738998	0.856463	-1.16759	0.988704	1.00658	1.00658	0.57916	0.77136	-1.29641	1.69643	5.76912	3.02289	1
gi40484466	M2;ABLIM2;ABLIM2	0.234129	0.972035	1.00745	1.00745	0.771029	0.940055	-1.06377	0.665973	0.912104	-1.09637	0.333657	0.809582	-1.23521	0.231641	0.766623	1.30442	0.596713	1.11977	1.11977	0.0155162	1.87545	1.87545	0.314163	1.2467	1.2467	0.775482	1.06245	1.06245	1.69642	1.20564	0.631731	1
gi40435601	ZNF423	0.234136	0.932794	1.02905	1.02905	0.62324	1.18307	0.571224	1.21444	1.21444	0.460784	0.774960	-1.29037	0.0318216	0.428495	-2.33375	0.670285	0.864672	-1.15651	0.102445	0.545102	-1.83452	0.180624	1.62037	1.62037	0.339509	0.715889	-1.39686	1.69639	3.09694	1.62276	1
gi20308842	CREB5;CREB5;CREB5;CREB5	0.234142	0.956614	1.04538	1.04538	0.0703116	0.483777	-2.06952	0.0824855	0.7003	-1.42783	0.70638	0.984994	-1.01532	0.0418476	0.822621	0.60457	0.332627	1.80641	1.80641	0.0405	1.74027	1.74027	0.553969	1.0069	1.0069	0.926237	0.682395	1.44543	1.69635	4.45005	2.94836	1
gi14528537	ZNF2;ZNF2	0.234145	0.924473	0.979525	-1.0209	0.207943	0.748504	-1.336	0.303493	1.26179	1.26179	0.0948976	1.49247	1.49247	0.280289	1.27745	1.27745	0.195886	0.741997	-1.34771	0.141651	0.687661	-1.4542	0.450482	0.845558	-1.18265	0.863677	1.03821	1.03821	1.69636	1.2789	0.67014	1
gi29337765	ATCAY	0.234153	0.0779923	1.07953	1.07953	0.0725163	0.97851	-1.02187	0.747957	0.931357	0.97831	0.93831	0.954387	1.04387	0.0443	1.046346	1.046346	0.665456	1.09715	1.09715	0.554305	0.833193	-1.5888	0.407222	0.45392	0.453492	0.0134454	15.878	15.878	1.69633	1.44837	0.446187	1
gi30587171	SPAG11A	0.234159	0.261445	1.387248	-2.58232	0.810357	0.823649	-1.21411	0.946714	1.05564	-1.07556	0.786599	0.802658	-1.24586	0.0243258	0.113688	4.79599	0.465055	1.54755	1.54755	-1.82632	0.0267597	0.11933	-8.38016	0.413471	0.507998	-1.96851	0.0128706	2.48178	-2.3879	-1.69634	17.6307	9.23853	1
gi30472433	TKT;TKT;TKT	0.234161	0.255215	0.868446	-1.15148	0.0769426	1.26308	1.26308	0.819467	0.97322	-1.02752	0.2095	0.854653	-1.17007	0.0949346	0.804202	-1.24347	0.211309	0.855241	-1.16926	0.363452	1.11729	1.11729	0.52478	0.926326	-1.07953	0.793413	1.03165	1.03165	1.69634	0.378807	0.198497	1
gi30312237	TMEM40A;NAT9	0.234151	0.0914861	1.22467	1.22467	0.0234027	2.12436	2.12436	0.723	0.826971	-1.20973	0.747947	1.26423	1.26423	0.0886725	0.796457	-1.25562	0.760997	1.54137	1.54137	0.12736	1.22736	1.22736	0.204769	0.964705	-1.03673	0.913063	1.13473	1.13473	1.69633	1.22009	0.676014	1
gi19572051	DOK1	0.234152	0.0775813	0.418401	-2.39005	0.658819	1.21819	1.21819	0.185121	0.836832	-1.57027	0.725612	0.855123	-1.16942	0.180641	0.531845	-1.88025	0.367975	0.663162	-1.50793	0.0241114	0.292932	-3.41376	0.556348	1.30248	1.30248	0.849254	0.918957	-1.08819	1.69633	5.3002	2.77734	1
gi22608497	NOS1AP;NOS1AP	0.234153	0.0271378	0.455492	-2.19551	0.0268204	0.282184	-3.54376	0.0146664	0.168201	-5.94653	0.0146664	0.168201	-5.94653	0.0146664	0.168201	-5.94653	0.332627	0.664501	-1.50503	0.0048476	0.225002	-4.44479	0.0178227	0.17763	1.5763	0.783948	0.0822729	0.127	1.69632	1.85581	0.858995	0.491284	1
gi21683390	C18orf1;C18orf1	0.234157	0.885545	1.09864	1.09864	0.0522241	2.2301	2.2301	0.0403455	0.46691	-4.69691	0.476101	0.622958	-1.60524	0.566119	0.684656	-1.46059	0.824328	1.864835	-1.15629	0.711259	0.784384	-1.27489	0.258396	2.16032	2.16032	0.465178	0.615392	-1.62498	1.69631	11.4618	6.00612	1
gi21838461	RASSF2;RASSF2	0.234164	0.458659	0.8047	-1.2427	0.375151	0.499248	-2.00367	0.289324	0.728542	-1.3726	0.55224	0.759075	-1.31739	0.921839	1.02866	1.02866	0.319032	0.752939	-1.32813	0.0833573	1.73663	1.73663	0.529928	1.20109	1.20109	0.629329	0.869316	-1.15033	1.69628	2.2276	1.16731	1
gi30523193	CAPZA1;ST7L;ST7L;ST7L;ST7L;ST7L;ST7L	0.234165	0.1466351	1.3412	1.3412	0.0973585	0.68184	-1.46694	0.0932	-1.07288	-10.7328	0.14343	1.53942	?	?	?	?	0.647044	0.7025	-1.42317	0.449796	1.63495	1.63495	0.0102268	1.17027	1.17027	0.70236	0.463531	0.54428	1.69626	1.17027	1.70236	0.463531	0.54428	1
ch.14.689341R	PELI2	0.234166	0.0657749	0.243597	-4.10515	0.303107	0.482091	-2.0743	0.885224	1.10384	1.10384	0.091474	0.280491	-3.56517	0.213527	0.408217	-2.44968	0.637817	0.723007	-1.38311	0.0293503	0.172823	-5.78628	0.192241	0.389024	-2.57053	0.306836	0.484992	-2.06189	1.69627	12.5695	6.5867	1
gi22813731	LOC339524;LOC339524 INS-	0.234167	0.0313758	0.606272	-1.64943	0.474838	0.864936	-1.15735	0.879783	1.03241	-1.03241	0.0322133	0.60404	-1.65552	0.0364134	0.763648	1.18779	0.528937	0.876681	-1.1378	0.167729	0.744156	-1.3438	0.417051	0.864004	-1.15688	0.121769	0.7672	-1.30344	1.69627	0.08598	0.0568608	1
gi50581737	IGF2;IGF2AS;IGF2;IGF2;IGF2AS;IGF2	0.234184	0.839956	0.990436	-1.00945	0.0283059	0.245221	-4.07795	0.950465	0.966835	-1.0343	0.889123	1.61469	1.61469	0.474096	1.48472	1.48472	0.0545251	0.305996	-3.26801	0.419083	0.639763	-1.56552	0.732789	0.830232	-1.20448	0.533638	1.29882	1.29882	1.69625	7.91778	4.36217	1
gi21390341	GRIN2C MOG;MOG;MOG;MOG;MOG;MOG;M	0.234184	0.536526	1.08652	-2.11493	0.474838	0.864936	-1.15735	0.879783	1.05193	-1.05965	0.204465	2.04465	2.04465	0.184141	1.55002	1.55002	0.730193	1.12471	1.12471	0.0222538	0.345129	1.02228	1.02228	0.404261	0.766835	-1.30406	0.283993	0.707127	-1.41419	0.058375	1.9428	1.6962	2.59971	1.9428	1.6962	2.59971	1.9428	1.6962	2.59971	1.34217	1
gi20450267	OG;MOG;MOG;MOG;MOG	0.234186	0.181654	0.45317	0.453317	0.0742558	0.787327	0.787327	0.781683	1.45538	1.45538	0.229832	3.69531	3.69531	0.152784	1.89686	1.89686	0.313438	1.94938	1.94938	0.047782	10.4643	10.4643	0.107466	6.1876	6.1876	0.0783717	7.6028	7.6028	1.69619	28.9118	15.1512	1
gi13459291	ADAMTSL2;ADAMTSL2	0.234186	0.198523	0.436741	-2.28969	0.0234756	5.2069	5.2069	0.682128	1.28539	1.28539	0.324623	0.537864	-1.85921	0.390913	0.585114	-1.70907	0.303018	0.521812	-1.9164	0.789833	0.84971	-1.17687	0.468954	0.638139	-1.56706	0.498573	0.657807	-1.5202	1.69619	9.98508	5.23267	1
gi31843894	OTUD4;OTUD4;OTUD4	0.234188	0.657378	1.21211	1.21211	0.0370248	0.740482	-1.35182	0.0358384	1.34439	-1.34439	0.122697	0.858384	1.16492	0.0266931	0.325543	1.55222	1.15355	1.72965	1.72965	0.0764936	0.291004	2.39104	0.0619576	0.247525	4.04045	0.796741	-1.25511	1.69619	4.95157	2.61773	1
gi45740655	TOX	0.234189	0.0751705	0.23715	-4.21731	0.258903	0.618342	-1.56509	0.0903728	0.4691	-2.13191	0.0903728	0.4691	-2.13191	0.0903728	0.4691	-2.13191	0.469203	0.753759	-1.32717	0.234773	1.60577	1.60577	0.914981	0.960161	-1.04149	0.0886515	0.993594	1.00645	1.69618	1.885	0.83595	1
gi38693792	EP841L5	0.234192	0.150753	0.770003	-1.2987	0.41301	0.867588	-1.15262	0.346337	1.17891	1.17891	0.85947	0.970471	-1.03043	0.0878407	1.37676	1.37676	0.426308	1.14782	1.14782	0.35422	1.17558	1.17558	0.214324	0.801014	-1.24842	0.176752	0.783724	-1.27596	1.69617	0.773762	0.405495	1
gi36905762	GNB2L1;SNORD95	0.234205	?	?	?	?	0.428426	-1.43025	0.145126	0.239353	1.72392	0.723392	0.993456	-1.00654	0.942223	-2.26315	0.978726	1.34473	-1.34473	?	?	?	0.899316	-1.11196	0.0578789	1.72813	1.58118	0.846222	1.08979	1.08979	1.70832	4.11808	2.75156	1
gi36861880	CYP19A1	0.234205	0.958915	0.992814	-1.00724	0.249383	0.844912	-1.18356	0.227838	1.19387	1.19387	0.387549	1.13199	1.13199	0.186401	0.821943	1.21663	0.647126	1.06665	1.06665	0.0266067	0.692217	-1.44463	0.549499	0.918721	-1.08847	0.746617	1.04643	1.04643	1.69612	0.52639	0.275867	1
gi20290924	ANKRD26	0.234205	0.145062	0.597011	-1.6697	0.0864606	1.16754	1.05746	0.579436	0.832148	-1.20171	0.961228	0.984211	-1.01634	0.554487	0.823658	-1.21497	0.203913	0.604747	0.5431	-1.84155	0.0159753	0.35829	-2.79103	0.574321	1.20418	1.20418	0.857584	1.06057	1.69611	2.87907	1.50884	1
gi40384245	PHACTR4	0.234215	0.797604	0.952593	-1.20665	0.785149	-1.27364	0.107538	0.931523	1.07351	0.868044	0.970251	1.03166	-1.03066	0.247385	0.802792	1.24565	0.385609	1.17533	1.17533	0.286401	1.22096	1.22096	0.0361718	1.55055	1.55055	0.375909	0.985882	-1.01432	1.69609	0.886107	0.464393	1
gi15624135	TXK	0.234216	0.238101	0.851578	-1.17429	0.702258	0.0512	0.0512	0.0526307	0.750925	-1.33169	0.0295012	0.716584	-1.39551	0.834834	1.02752	1.02752	0.630846	1.06497	1.06497	0.344106	0.881971	-1.13382	0.666229	1.05796	1.05796	0.927867	1.01184	1.01184	1.69607	0.454064	0.237969	1
gi22902161	GIN2	0.234217	0.349134	1.08251	1.08251	0.489712	0.873545	-1.14504	0.618594	1.18665	1.18665	0.441156	0.807248	-1.23884	0.0494102	0.546414	0.854916	1.293	0.805783	1.24095	-1.17781	0.445779	0.554321	1.8033	0.222	0.895357	0.912201	-1.09136	0.374492	1.38045	0.610266	0.21366	1
gi18198999	DMRTA2	0.234233	0.624703	0.697484	-1.43372	0.420824	1.82385	1.82385	0.650459	1.39562	1.39562	0.582419	0.666447	-1.50049	0.511731	0.614889	-1.62628	0.913656	0.923803	-1.08248	0.696438	0.750892	-1.33175	0.0096107	10.9729	10.9729	0.42287	1.81883	1.81883	1.696	14.3429	7.51721	1
gi36731014	ATCAY	0.234239	0.686093	1.10323	1.10323	0.323749	1.02425	1.02425	0.956818	1.01364	1.01364	0.747334	1.08425	1.08425	0.0776459	1.63745	1.63745	0.578055	1.60327	1.60327	0.0242589	1.95832	1.95832	0.137505	0.948655	-1.05413	0.558244	0.862294	-1.1597	1.69603	1.68203	0.881569	1
gi30380459	GAUM;GALM	0.234235	0.412593	0.881449	-1.1345	0.0377043	0.695522	-1.43777	0.264489	0.839294	-1.19148	0.0578008	0.723889	-1.38143	0.545416	0.9914	-1.00865	0.589203	1.08559	1.08559	0.0650438	0.713938	-1.36624	0.547379	0.912361	-1.09606	0.928115	0.986499	-1.01369	1.69599	0.609505	0.319448	1
gi11197015	BNIP3	0.234236	0.415763	0.767878	-1.30229	0.873965	0.950842	-1.0517	0.0740789	0.532378	-1.87837	0.10902	0.644199	-1.55232	?	?	?	0.331453	1.37463	1.37463	0.0775461	1.86453	1.86453	0.573551	0.83478	-1.19792	0.927478	0.971506	-1.02933	1.70207	2.41613	1.41953	1
gi36462604	P2RY2;P2RY2;P2RY2	0.234236	0.113636	1.2	-1.60999	0.2	0.164778	1.2	0.127778	0.820928	0.806948	-1.23924	0.493823	1.35588	0.08514	?	?	0.188434	-5.41895	?	?	?	0.139972	-3.03056	0.212299	1.32017	3.21017	0.444628	1.99767	1.99767	1.69599	21.1705	11.0957	1
gi20172795	RSPO3	0.234237	0.538107	1.14125	1.14125	0.64512	0.11364	1.11364	0.432226	0.843769	-1.18516	0.539392	0.876611	-1.14076	0.912175	0.976888	-1.02366	0.84136	0.958416	-1.04339	0.0609788	0.477237	-2.0954	0.653523	0.908682	-1.1005	0.729021	0.928944	-1.07649	1.69599	2.20654	0.632362	1
gi19183816	AHDC1	0.234243	0.0913916	0.6231	-1.60499	0.0212154	0.0512	0.0512	0.0526307	0.750925	-1.33169	0.0295012	0.716584	-1.39551	0.834834	1.02752	1.02752	0.630846	1.06497	1.06497	0.344106	0.881971	-1.13382	0.666229	1.05796	1.05796	0.927867	1.01184	1.01184	1.69597	0.454064	0.237969	1
gi36322981	FLNC;FLNC	0.234243	0.0913916	0.351819	-2.84237	0.223844	0.487685	-2.0505	0.0194833	0.204579	-4.88822	0.63077	1.27932	1.27932	0.144521	0.414481	2.41266	0.914501	1.06221	1.06221	0.438677	0.641553	-1.55872	0.527761	0.698031	-1.4326	0.302404	0.54863	-1.82272	1.69596	0.48142	0.44528	1
gi25830640	OSBPL10;ZNF860	0.234243	0.275095	1.66909	1.66909	0.746663	1.15747	1.15747	0.207051	1.83981	1.83981	0.154505	0.502798	-1.98887	0.7697	0.87595	-1.14162	0.213391	0.553694	-1.80605	0.151003	2.00228	2.00228	0.647564	1.23079	1.23079	0.112824	1.4591	1.4591	1.69596	5.46714	2.86544	1
gi18106991	PDCD5	0.234244	0.965788	0.994903	-1.00596	0.814152	1.01062	1.01062	0.822122	0.98607	-1.01407	0.959034	0.940425	-1.06315	0.402733	0.724211	1.38121	0.605731	1.04678	1.04678	0.725733	0.970903	-1.03015	0.893817	1.1188	1.1188	0.776227	0.970903	-1.03015	1.69594	0.550102	0.260924	1
gi40112866	TGFBRAP1;TGFBRAP1	0.234259	0.700869	1.27388	1.27388	0.546217	1.46666	1.46666	0.429145	1.65894	1.65894	0.199493	2.3399	2.3399	0.368132	1.78557	1.78557	0.135264	2.7448	2.7448	0.0379754	4.52152	4.52152	0.0220859	5.59205	5.59205	0.406001	1.70427	1.70427	1.6959	10.5637	5.53688	1
gi25327882	TFB1;TFB1	0.234262	0.180938	3.41429	3.41429	0.810473	1.02116	1.02116	0.899998	0.998498	-1.00159	0.32882	3.04183	3.04183	0.424418	0.172331	5.8035	0.176009	3.49107	3.49107	0.0160969	0.278327	3.59327	0.0127	0.249438	4.00917	0.0844729	0.146119	0.89792	1.69589	0.49049	20.1823	10.9288	1
gi28881798	C11orf17;C11orf17;ST5	0.234265	0.149708	0.54573	0.545473	0.997299	0.99723	-1.00278	0.864569	0.860844	-1.15056	0.322053	2.31253	2.31253	0.900461	0.902534	1.10799	0.58203	1.08559	1.08559	0.0650438	0.713938	-1.36624	0.547379	0.912361	-1.09606	0.928115	0.986499	-1.01369	1.69599	0.609505	0.319448	1
gi22308970	AMPH;AMPH	0.234269	0.0848502	1.64591	1.64591	0.999337	0.999783	-1.00022	0.503753	1.19413	1.19413	0.120467	1.55332	1.55332	0.0696515	0.588287	-1.69985	0.331453	1.37463	1.37463	0.0775461	1.86453	1.86453	0.573551	0.83478	-1.19792	0.927478	0.971506	-1.02933	1.70207	2.41613	1.41953	1
gi20060759	WDR27	0.234271	0.122324	1.68729	1.68729	0.495137	0.628378	1.59048	0.0208	0.128776	7.76778	0.0208	0.128776	7.76778	0.0208	0.128776	7.76778	0.188434	-5.41895	?	?	?	0.139972	-3.03056	0.212299	1.32017	3.21017	0.444628	1.99767	1.99767	1.69599	21.1705	11.0957	1
gi21600991	ADAP1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1-vs-100T)	p-value(105T vs. N)	Fold-Change(1-vs-105T)	Ratio(105T vs. N)	Fold-Change(1-vs-111T)	Ratio(111T vs. N)	Fold-Change(1-vs-112T)	Ratio(112T vs. N)	Fold-Change(1-vs-121T)	Ratio(121T vs. N)	Fold-Change(1-vs-127T)	p-value(134T vs. N)	Fold-Change(1-vs-134T)	p-value(347T vs. N)	Fold-Change(1-vs-347T)	p-value(353T vs. N)	Fold-Change(1-vs-353T)	Ratio(353T vs. N)	Fold-Change(1-vs-537T)	Ratio(537T vs. N)	Fold-Change(1-vs-537T)	Ratio(563T vs. N)	Fold-Change(1-vs-563T)	F(Error)
cg17101280	NBR2;BRCA1;BRCA1;BRCA1;BRCA1;8RC	0.224502	0.0206633	0.209219	-4.77909	0.57522	1.70094	1.70094	0.676252	0.78998	-1.26586	0.318669	1.78346	1.78346	0.300933	1.82527	1.82527	0.338013	1.74098	1.74098	0.363026	1.18422	1.18422	0.31616	3.160516	0.350922	1.71419	1.71419	1.60492	8.45922	4.43637	1
cg10138040	A1;BRCA1;BRCA1;BRCA1;BRCA1;8RC4	0.224508	0.1143397	0.298804	-3.34668	0.502281	1.53607	1.53607	7	7	7	0.775398	0.826588	-1.20979	0.339229	0.512801	-1.95007	0.788168	1.19633	1.19633	0.15233	2.90667	2.90667	0.657525	1.94987	1.34687	7	7	7	9.89445	3.56072	1
cg15065622	FAM59A	0.23451	0.37456	2.17263	2.17263	0.6946479	4.78249	4.78249	0.305488	2.46784	2.46784	0.147968	3.74854	3.74854	0.639007	0.668823	-1.49516	0.296025	0.397522	-2.51558	0.171013	0.289103	-3.45897	0.147324	3.80914	3.80914	0.972403	0.970978	-1.02989	1.69489	10.456	10.2037	1
cg19892210	CYC1	0.254519	0.7541682	0.954968	-1.04716	0.0501077	1.38772	1.38772	0.549329	1.09279	1.09279	0.546639	1.09361	1.09361	0.555964	1.0913	1.0913	0.7936441	0.962275	-1.0392	0.03241	0.609236	-1.64397	0.545673	0.9142	-1.09185	0.946527	0.990209	-1.00989	0.69485	0.5779591	0.302926	1
cg23797910	LOC399744	0.23452	0.124773	0.356002	-2.80897	0.607509	1.38206	1.38206	0.66069	0.759927	-1.31592	0.287505	0.503409	-1.98646	0.0420322	0.233145	-4.28918	0.0860904	0.307674	-3.25019	0.29472	0.50895	-1.96483	0.596927	0.717711	-1.39332	0.0698492	0.283676	-3.52515	1.69485	10.3685	5.4379	1
cg18706476	MST1R	0.23452	0.4667319	0.525782	-1.90193	0.0129101	0.9094829	0.9094829	0.0403526	0.475134	-2.10378	0.027978	0.8273977	-1.20791	0.0258577	0.208112	-5.93116	0.226098	0.332555	-3.00702	0.0554935	0.119329	-8.38047	0.015903	0.424595	-2.3502	0.138996	0.251003	-3.98402	1.69485	20.2237	10.6966	1
cg23653391	C6orf136;C6orf136;C6orf136	0.23452	0.74933	1.64396	1.64396	0.588477	1.07607	1.07607	0.602044	0.931485	-1.07355	0.589272	1.0759	1.0759	0.01182666	0.0558839	-1.52476	0.686411	1.05598	1.05598	0.180353	0.826191	-1.21037	0.355928	0.880345	-1.13592	0.804678	0.967293	-1.03381	1.69485	0.4835502	0.253558	1
cg18552930	NDN	0.23452	0.283139	1.61939	1.61939	0.656293	1.21363	1.21363	0.488632	0.737789	-1.3554	0.14723	0.510527	-1.95876	0.0464142	2.68079	2.68079	0.342685	0.655354	-1.52589	0.19067	0.549362	-1.82029	0.607703	1.25085	1.25085	0.641692	0.816627	-1.22455	1.69483	5.015558	2.63052	1
cg21738627	TMEM135;TMEM135;TMEM135	0.23452	0.53584	0.854797	-1.16994	0.292925	0.9609797	-1.3541	0.760097	0.907654	-1.10174	0.922135	1.0251	1.0251	0.0165557	0.0154134	-4.74	0.870508	0.959982	-1.04169	0.227658	0.37504	-2.66731	0.0716458	1.4761	1.4761	0.16983	0.677461	1.68216	0.8822245	1
cg08182446	GABBG3	0.23452	0.6874883	0.81787	-1.55095	0.530752	1.77517	1.77517	0.625504	1.55978	1.55978	0.321702	2.5225	2.5225	0.126434	2.42345	-2.46903	0.515071	0.547081	-1.82788	0.44952	0.498351	-2.00662	0.0712291	6.17575	6.17575	0.993433	1.00747	1.69483	21.925	11.499	1
cg08478227	NBPF15	0.23452	0.5154566	0.753157	-1.32731	0.479253	0.73417	-1.36227	0.583781	0.68471	-1.46047	0.694242	1.58508	1.58508	0.0922888	0.583244	-2.6093	0.7465889	0.6752	-1.4287	0.0407736	0.362918	-2.75537	0.0784102	0.415573	-2.3571	0.615549	0.812473	-1.23081	1.69482	4.95894	2.600984	1
cg02650028	COL6A1	0.23453	0.1324115	0.345546	-2.30225	0.226344	0.5209967	-1.91951	0.404041	0.6491161	-1.54045	0.344946	1.64759	1.64759	0.168904	0.412836	-2.12208	0.0298866	0.269399	-3.71197	0.894701	1.07034	1.07034	0.870246	1.08753	1.08753	0.615143	1.29719	1.29719	1.69479	7.07216	3.70924	1
cg13789458	PAQR5	0.23453	0.377117	0.82364	-1.21412	0.22103	1.31708	1.31708	0.904843	1.02492	0.0481246	0.616579	-1.62185	0.0738177	0.652717	-1.53206	0.636363	0.903069	-1.10734	0.790799	1.05857	1.05857	0.39298	1.20603	1.20603	0.457352	1.1759	1.1759	1.69478	1.23018	0.645211	1
cg24621437	SORCS1;SORCS1	0.23454	0.237061	1.38376	1.26376	0.556088	0.8935851	-1.11957	0.844593	1.03106	1.03106	0.4134	1.45503	1.45503	0.0724111	0.145501	-3.14503	0.853576	0.906589	-1.10353	0.0647588	0.675705	-1.47994	0.694439	1.07635	1.07635	0.132475	1.36411	1.36411	1.69477	0.958553	0.502751	1
cg13883939	VSIG10;VSIG10	0.23454	0.983878	0.996387	-1.00363	0.189721	0.7797434	-1.28247	0.0955576	0.7204	-1.38812	0.590163	0.907203	-1.10229	0.0532892	0.674869	-1.48177	0.108355	0.730717	-1.36852	0.0693073	0.694917	-1.43902	0.222802	0.794969	-1.25791	0.139647	0.752245	-1.32936	1.69477	0.861079	0.451627	1
cg23232755	F11	0.23454	0.320735	0.707232	-1.41396	0.505824	0.79184	-1.25267	0.822686	1.07563	1.07563	0.311183	0.702034	-1.42443	0.216536	0.64864	-1.55125	0.932464	0.971788	-1.02897	0.0107819	0.26878	-3.72189	0.0479321	0.990123	-1.00488	0.755689	1.11313	1.11313	1.69476	3.05986	1.60487	1
cg08573180	TDP2B	0.23457	0.3583978	0.872134	-1.14647	0.356383	0.7563883	0.952615	-1.04977	0.844593	1.03106	1.03106	0.9499518	1.00984	0.0172334	0.735295	-1.36	0.0440873	0.697279	-1.43415	0.513615	1.10878	1.10878	0.945025	0.989308	-1.01081	0.128806	1.29157	1.29157	1.6947	0.652132	0.334205	1
cg09664684	KLF3;FLJ13197	0.23458	0.20494	0.722118	-1.38481	0.144897	0.683106	-1.4639	0.077949	0.620775	-1.61089	0.151967	0.688259	-1.45294	0.42359	0.819597	-1.22011	0.0975908	0.642453	-1.55654	0.0639164	0.602355	-1.66015	0.563819	1.15262	1.15262	0.982359	0.994633	-1.0054	1.6947	1.59031	0.834138	1
cg04639799	NAV2;NAV2;NAV2	0.23459	0.113869	0.1998	-5.00501	0.349998	0.592707	-1.6941	0.165069	0.622071	-1.60753	0.282748	0.352695	-2.84337	0.091056	0.37305	-2.68	0.387615	0.436452	2.2912	0.2295647	0.084174	-11.8801	0.096641	0.881208	-1.51379	0.136763	0.222962	-4.48506	1.69469	23.5271	12.3403	1
cg05267269	NPAS2	0.23461	0.737451	0.885877	-1.12882	0.869786	1.06087	1.06087	0.438862	0.752485	-1.32893	0.332015	1.44552	1.44552	0.032058	0.404737	-2.47074	0.244613	1.55021	1.55021	0.881504	0.947695	-1.05519	0.0757878	0.490762	-2.03765	0.703938	0.871527	-1.14741	1.69469	3.48168	1.82619	1
cg20539945	HOXB7	0.23461	0.342681	1.33073	1.33073	0.868301	0.974875	-1.05499	0.726271	1.12006	1.12006	0.792159	0.918339	-1.08892	0.378529	1.74098	-1.33835	0.89085	0.956676	-1.04529	0.0401257	0.558102	-1.79142	0.0185663	2.5112	2.5112	0.929187	1.02909	1.02909	1.69469	2.7928	1.44648	1
cg09700337	TAOK3	0.23462	0.0747795	0.3246	3.2246	0.599374	1.25269	1.25269	0.447229	0.719461	-1.38993	0.405722	1.43555	1.43555	0.775952	0.885788	1.12894	0.0786246	0.29385	2.29385	0.182033	1.82585	1.82585	0.0585102	2.48055	2.48055	0.263674	1.64089	1.64089	1.69468	4.84871	2.54323	1
cg16352283	FAM46B	0.23463	0.2504311	2.539	2.539	0.0328564	0.69486	0.93486	0.245093	2.56847	2.56847	0.0990878	4.00668	4.00668	0.476448	1.38488	1.38488	0.133698	3.50765	3.50765	0.333902	2.16679	2.16679	0.0770232	4.59732	4.59732	0.12353	1.64832	3.64832	1.69468	16.156	8.4741	1
cg27291501	PEMT	0.23463	0.742447	0.90185	-1.10796	0.659576	0.9133311	-1.09508	0.832071	0.945493	1.05436	0.906424	-1.10324	0.501673	0.0922155	0.0784177	-3.14701	0.852374	0.917414	1.09072	0.102237	0.565875	1.76822	0.0860289	-1.16308	0.721556	1.26331	1.26331	1.69467	0.958553	0.502751	1
cg25984249	BAT1;BAT1;SNORD84;BAT1;BAT1	0.23465	0.0462295	0.631678	-1.58309	0.175258	0.748293	-1.33638	0.993759	1.00157	1.00157	0.482502	0.84994	-1.17655	0.128031	0.718239	-1.39229	0.430696	0.850623	-1.17561	0.118423	0.711075	-1.40632	0.906451	1.02393	1.02393	0.0458831	0.633085	-1.58457	1.69467	1.08598	0.569616	1
cg14577766	TNNDC1S	0.23465	0.352033	0.640348	-1.56128	0.18998	0.836478	0.980216	-1.27386	0.8837	1.13171	0.53071	1.53071	0.92256	0.160169	1.07374	-1.43433	0.657458	0.705653	-1.41712	0.0797434	0.557151	-1.79455	0.0146466	0.817678	0.615258	-1.6252	0.994734	0.953751	-1.04849	1.69466	0.885295	0.444357	1
cg14537651	INTU	0.23469	0.0860094	0.346541	-2.88566	0.259048	0.518007	-1.93047	0.243053	0.505405	-1.97861	0.153034	0.425368	-2.35091	0.194754	0.464781	-2.15155	0.221284	0.487626	-2.05075	0.0913188	0.353897	-2.82588	0.065239	0.314689	-3.17774	0.0587607	0.30346	1.69466	3.57507	4.39294	1
cg26797661	LYSMD1;SCNM1;LYSMD1;SCNM1	0.23457	0.312806	1.18598	1.18598	0.457081	1.13171	1.13171	0.811901	1.03972	1.03972	0.284706	1.19908	1.19908	0.436482	1.13848	1.13848	0.65814	1.07546	1.07546	0.02078	0.638609	-1.5659	0.793105	1.04388	1.04388	0.169813	1.26985	1.26985	1.69465	0.7161383	0.375762	1
cg14556815	C6orf136;C6orf136;C6orf136	0.23459	0.3649561	0.798	-1.25313	0.0633705	0.695341	-1.43814	0.241196	0.723803	-1.38203	0.145184	0.70755	-1.41357	0.191025	0.73505	-1.36	0.2183674	0.804689	-1.2422	0.0479547	0.385756	-2.59211	0.0156112	0.673462	-1.48483	0.167949	0.710574	-1.40671	-1.01836	0.676093	1.07574	1.07574	0.95661	0.812808	0.426396	1
cg20521702	GTSGAL6	0.23481	0.190497	0.209581	-4.77144	0.28067	2.882528	-3.53948	0.724102	1.49105	1.49105	0.247233	0.255705	-3.91075	7	7	7	0.33513	0.326156	-3.06602	0.0264761	0.0515324	-19.4053	0.116192	0.145964	-6.85099	0.196695	0.214682	-6.45805	1.70064	30.4191	17.8869	1
cg25732381	NPY2R	0.23482	0.2001481	0.282208	-3.54407	0.0974914	0.6874194	-2.0837	0.0574995	0.6240597	-1.60255	0.0649	0.6455	-1.79725	0.882904	0.165709	-6.03	0.6683021	0.466911	1.14083	0.0330861	0.435174	-2.29793	0.0964908	0.708778	-1.28191	0.932309	0.972044	-1.02876	1.69459	2.9928	1.44648	1
cg10092799	CPE83	0.23486	0.124311	0.32636	-3.0641	0.740885	1.25018	1.25018	0.242306	2.27821	2.27821	0.611033	0.708134	-1.41216	0.111647	0.311672	-3.2085	0.121788	0.323496	-3.09122	0.176379	0.380181	-2.63033	0.251075	2.24092	2.24092	0.871802	0.897032	1.11479	1.69459	12.1508	6.37365	1
cg25280041	AGPAT1;AGPAT1	0.23494	0.7852765	0.786248	-1.27186	0.345646	2.09407	2.09407	0.977725	1.02147	1.02147	0.811466	0.833728	-1.19943	0.212669	0.368303	-2.71516	0.135938	0.294912	-3.3966	0.0397545	0.163782	-6.10567	0.415574	1.8837	1.8837	0.112863	0.268944	-3.71825	1.69456	15.5418	8.15253	1
cg20578335	CLDN10;CLDN10;CLDN10	0.23464	0.626526	0.7972	-1.25437	0.868301	0.974875	-1.05499	0.726271	1.12006	1.12006	0.792159	0.918339	-1.08892	0.378529	1.74098	-1.33835	0.89085	0.956676	-1.04529	0.0401257	0.558102	-1.79142	0.0185663	2.5112	2.5112	0.929187	1.02909	1.02909	1.69469	2.7928	1.44648	1
cg14610736	EHMT1;EHMT1	0.23468	0.75931	0.775872	-1.28887	0.0244789	0.14606	0.14606	0.108161	4.25238	4.25238	0.349519	0.451443	-2.21512	0.540708	0.59963	-1.6677	0.592925	0.640412	-1.56149	0.910429	0.911252	-1.09739	0.81017	1.21986	1.21986	0.344909	0.447804	-2.23312	1.6945	18.3031	9.60131	1
cg11291081	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.23467	0.193262	0.4599	-2.17437	0.362868	0.57735	-1.73211	0.516883	0.874	1.14406	0.0954	0.812866	-1.09545	0.764771	1.08946	1.08946	0.0627329	0.16046	-6.23216	0.160146	0.0960154	-10.4161	0.0955	0.329228	3.1715	3.1715	0.185458	0.312642	1.3045	1.3045	1.69455	2.52715	1.3045	1
cg04477101	GSSM2;GSSM2	0.23469	0.352827	0.760189	-1.31546	0.543652	1.15932	1.19532	0.940483	0.97856	-1.02191	0.681288	0.807241	-1.23894	0.0372445	0.0972154	-10.2811	0.671823	0.883658	-1.13166	0.136569	0.59285	-1.68695	0.0196251	1.20772	1.20772	0.113385	0.606501	1.6488	1.69445	1.26088	1.18603	1
cg12616421	TNXB	0.23465	0.896149	1.04199	1.04199	0.293495	1.40943	1.40943	0.0791074	0.541194	-1.84777	0.944106	1.02231	1.02231	0.0513013	0.49714	-2.01151	0.514043	0.811873	-1.23172	0.853335	0.943384	-1.06001	0.948786	0.979973	-1.02044	0.0621591	0.516172	-1.93734	0.94441	2.66173	1.39634	1
cg05002629	ACVR1C;ACVR1C;ACVR1C	0.23468	0.3828262	0.645943	-1.54922	0.194886	0.975004	-1.02564	0.814158	0.995208	-1.00485	0.564771	1.08946	1.08946	0.166978	1.00196	1.00196	0.3475241	0.5688	-1.75821	0.0807106	0.280458	-3.56525	0.0185488	0.672328	1.4876	1.4876	0.0135151	0.0345731	1.30451	1.30451	1.69454	2.52715	1.30451	1
cg18425731	ERMN	0.23468	0.0570573	0.47761	2.47961	0.959956	0.979064	-1.02138	0.536324	0.768069	-1.30197	0.957351	1.02269	1.02269	0.0328733	0.349344	-2.86251	0.3077	1.56041	1.56041	0.621682	0.810693	-1.23193	0.6076707	1.24453	1.24453	0.988223	1.00624	1.00624	1.69438	4.76527	2.49991	1
cg04096365	IFI30	0.23469	0.0485676	0.476403	2.09965	0.454676	0.931331	-1.07389	0.842557	0.857028	-1.16688	0.613355	0.857028	1.16688	0.0270218	0.10405	-3.61	0.187243	1.12844	1.12844	0.0926318	0.208452	-4.79755	0.0139264	0.90164	-1.10843	0.518212	0.945312	-1.05807	0.0979009	1.18563	1.18563	0.0383737	0.734348	0.378435	1
cg02290803	ZNF684;ZNF684	0.23468	0.0199146	0.519022	-1.9267	0.653392	1.11126	1.11126	0.940404	0.982702	-1.0176	0.672357	0.905493	-1.10437	0.882921	0.966194	-1.03499	0.362626	1.24405	1.24405	0.119171	0.6739	-1.4839	0.588494	1.13596	1.13596	0.37123	1.23896	1.23896	1.69434	1.46156	0.766769	1
cg08292290	GLRX5	0.23469	0.148287	0.614258	-2.17197	0.0995362	0.950016	-1.05211	0.833599	0.9248	-1.08108	0.635974	0.9248	1.08108	0.0124111	0.0433139	-6.3	0.453352	0.615158	-1.62548	0.0214744	0.160207	-6.24301	0.0602057	0.660997	0.660997	0.0974724	0.15928	0.15928	0.0990823	0.993616	-1.00643	0.99433	8.32004	4.56395	1
cg02007867	PTPRN2;PTPRN2;PTPRN2	0.23469	0.2949468	0.629436	-1.58873	0.459057	0.7853283	0.952615	-1.04977	0.844593	1.03106	1.03106	0.9499518	1.00984	0.0172334	0.735295	-1.36	0.7867202	0.808833	-1.23654	0.60141	0.780809	-1.25186	0.0942899	2.19551	2.19551	0.969666	1.01634	1.01634	1.69433	4.87443	2.5325	1
cg07370023	NDE1;MIR484;KIAA0430	0.23465	0.293362	0.79465	-1.25842	0.0579658	0.57137	1.57137	0.306652	1.25004	1.25004	0.969271	1.00816	1.00816	0.627435	1.10864	1.10864	0.802612	0.948555	-1.05424	0.977538	1.00595	1.00595	0.0482588	0.621293	-1.60955	0.43178	1.18435	1.18435	1.69433	1.19324	0.626004	1
cg02912375	SLC26A3	0.23472	0.31768	0.8254497	-1.21195	0.0220348	1.07885	-2.0182	0.0384977	0.6238702	-1.60319	0.136398	-1.73466	0.62083	0.667664	-1.49822	0.2763341	0.4288052	0.519389	-1.92606	0.0819252	0.491825	-2.03324	0.167633	0.3037961	-3.29206	0.785359	0.800569	-1.24983	1.70432	17.6119	8.2397	1
cg12177001	IFI27;IFI27	0.23465	0.818728	0.86778	-1.15237	0.02122	0.53578	0.53578	7	7	7	0.734414	1.23413	1.23413	0.109016	0.339691	-2.94385	0.977334	1.01771	1.01771	0.444182	1.63916	1.63916	0.583643	1.40767	1.40767	0.894722	0.921463	-1.08523	1.70034	9.13574	5.37288	1
cg13774991	SLC19A3	0.23467	0.0528726	0.245266	-4.15606	0.125267	0.4472291	-2.23599	-2.04203	0.5594982	-1.68072	0.761118	0.820853	-1.21827	0.0760994	0.27853	-3.58964	0.167798	0.386204	2.59065	0.2131321	0.426273	-2.34932	0.0666321	0.26404	-3.7871	0.0909058	0.299018	-3.34428	1.6943	1.01956	0.59243	1
cg15170424	TMEM55A	0.23465	0.6840604	0.70709	-1.67005	0.143097	0.795949	-1.25636	0.838888	1.02979	1.02979	0.744886	0.954014	-1.0482	0.0521894	1.37496	1.37496	0.994269	0.998965	-1.00104	0.172384	0.81106	-1.23296	0.413481	0.891151	-1.12234	0.148889	1.25008	1.25008	1.6943	0.557855	0.292671	1
cg08034535	RAB33B	0.23467	0.9569593	1.00825	1.00825	0.8498	0.97155	-1.02928	0.550817	0.91221	-1.09624	0.297336	1.17879	1.17879	0.9484	1.0501	1.0501	0.211799	1.22171	1.22171	0.0312928	0.680699	-1.46908	0.145059	1.26903	1.26903	0.426668	1.88362	1.88362	-1.13153	1.69426	0.621939	0.326298	1
cg05706001	ADAM22;ADAM22;ADAM22;ADAM22;ADAM22;	0.23467	0.717317	0.906815	-1.10276	0.201653	1.43727	1.43727	0.487795	1.20773	1.20773	0.494875	0.829883	-1.20499	0.829805	1.05962	1.05962	0.858428	0.9531	-1.04921	0.0299996	1.98732	1.98732	0.837326	0.946193	-1.05687	0.0482352	1.83548	1.83548	1.69425	1.94214	1.01894	1
cg02576073	SHC1;SHC1;CKS1B;CKS1B	0.23467	0.3048837	0.826035	-1.2106	0.167461	1.30297	1.30297	0.592122	1.10216	1.10216	0.409886	0.859348	-1.16367	0.957836	1.00955	1.00955	0.0348675	0.642507	-1.55626	0.526659	1.1223	1.1223	0.182248	0.888306	1.28998	1.28998	0.1719377	1.06704	1.69424	0.86802	0.455414	1
cg24970314	NHSL1;NHSL1	0.23478	0.443945	0.888604	-1.12536	0.450192	2.12054	1.12054	0.0509042	1.38853	1.38853	0.586365	0.921945	-1.08466	0.0637802	0.734739	1.36103	0.581047	1.08594	1.08594	0.355574	1.15093	1.15093	0.996966	0.872677	-1.1459	0.916468	0.984601	-1.01564	1.69422	0.587118	0.308037	1
cg13778519	NADL	0.23479	0.972557	0.993889	-1.00615	0.165113	1.3019	1.3019	0.164778	1.30221	1.30221	0.212586	1.26354	1.26354	0.370677	1.17797	1.17797	0.425123	0.864915	-1.15618	0.438942	0.868786	-1.15103	0.168238	1.29905	1.29905	0.0417313	1.51929	1.51929	1.69421	0.851873	0.446946	1
cg09372928	CAMTA1;CAMTA1	0.23468	0.4644	0.5267	-1.89861	0.295621	0.9514204	-1.05043	0.874687	0.940961	-1.06287	0.640961	-1.18912	0.831066	0.194777	1.20433	1.20433	0.156207	0.144644	-6.91444	0.152142	0.0964954	-10.3686	0.0436508	0.358299	-2.7908	0.1034	-1.50386	0.836081	1.0534	1.0534	0.683549	1.19576	0.887596	1
cg11093548	CREB5	0.23485	0.106403	0.755586	-1.32348	0.578548	1.0933	1.0933	0.25302	0.827148	-1.20897	0.498052	1.11554	1.11554	0.899515	1.02028	1.02028	0.199357	1.24054	1.24054	0.0390716	0.684113	-1.46175	0.483671	0.893018	-1.1198	0.552421	0.908879	-1.10026	1.69419	0.779709	0.355721	1
cg00058515	C7NAx2;C7NAx2	0.23486	0.3509599	0.824637	-1.21334	0.272119	0.9141493	-1.09387	0.732441	0.913142	-1.09387	0.732441	0.913142	0.827387	0.941603	-1.06202	0.0954871	1.01807	1.01807	1.01807	0.0228023	0.0228023	-4.48385	0.0274016	0.807301	0.807301	0.0274016	0.0274016	0.0274016	0.0274016	0.609661	0.402454	0.0274016	1.69418	0.811827	0.162464	1
cg03605739	KPNB1	0.23488	0.387814	1.40507	1.40507	0.11161	0.513872	-1.94601	0.502325	0.769827	-1.29899	0.231221	1.62013	1.62013	0.0566097	0.436432	2.29131	0.310791	0.66836	-1.4962	0.450607	0.744277	-1.34359	0.290578	1.5241	1.5241	0.890604	1.0543	1.0543	1.69418	0.96101	2.07823	1
cg18398058	VANGL2	0.23492	0.103478	0.32296	3.32296	0.332627	1.17009	1.17009	0.0119993	1.63644	1.63644	0.790148	0.958947	-1.04281	0.909902	1.18794	1.18794	0.268236	1.19871	1.19871	0.395337	1.14662	1.14662	0.606586	1.08506	1.08506	0.954131	0.991	-1.00908	1.69416	0.662784	0.347748	1
cg12580588	NADK	0.23486	0.807831	0.8284	-1.20744	0.176403	0.693977	-1.44122	0.132789	0.682773	-1.46475	0.0881	0.773941	-1.2916	0.0888	0.773941	1.2916	0.0881	0.773941	1.2916	0.0888	0.773941	1.2916	0.0888	0.753408	1.0838	1.0838	0.211262	0.89324	1.89324	0.89557	1.31805	1.31805	0.745732	0.92057	1.31805	1.69416	1.73599	0.910843	1
cg17601843	MICALL1	0.23496	0.0555534	0.62721	-1.59436	0.259514	1.28775	1.28775	0.635952	1.10796	1.10796	0.714123	1.08232	1.08232	0.94809	0.986089	-1.0141	0.987967	0.996763	-1.00325	0.401135	1.20294	1.20294	0.0414192	0.603099	-1.6581	0.62259	1.11256	1.11256	1.69414	1.24027	0.650751	1
cg08489021	LIMS2;LIMS2	0.23474	0.297153	0.4744	-2.10755	0.362868	0.57735	-1.73211	0.516883	0.874	1.14406	0.0954	0.812866	-1.09545	0.764771	1.08946	1.08946	0.0627329	0.16046	-6.23216	0.160146	0.0960154

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error	SS(Test)	SS(Error)	
cg17002719	VWDE	0.234909	0.07698	2.262697	-1.80667	1.957628	0.964529	-1.01878	0.872727	0.896752	-1.11514	0.752216	1.24023	1.240221	0.577732	1.46624	1.46624		0.084324	0.273077	-3.66197	0.497535	1.59704	1.59704	0.227359	2.36657	2.36657	0.0946023	0.286818	-3.48653	1.69329	12.3913	6.50479	1
cg18432252	RMND5B	0.234911	0.488437	1.26209	1.26209	?	?	?	0.977169	0.99058	-1.00951	0.23995	0.665692	-1.5022	0.729949	0.891721	-1.12143		0.07696667	1.91633	1.91633	0.982957	0.992961	-1.00709	0.395755	0.750041	-1.33326	0.0501278	0.477756	-2.09312	1.69229	2.61655	1.53979	1
cg18085031	DLK1	0.234913	0.0730153	0.0972423	-10.2836	0.104767	0.126542	-7.89625	0.144342	0.160781	-6.21964	0.210924	0.215172	-4.64744	0.0946708	0.117548	-8.50717		0.138956	0.156246	-6.40017	0.124396	0.143829	-6.95269	0.128032	0.146953	-6.80492	0.125007	0.144355	-6.92738	1.69328	36.4306	19.1243	1
cg18526125	LOC339542,LOC339524	0.234915	0.632469	0.885864	-1.12884	0.9977269	0.633182	-1.57913	0.738484	1.08786	1.08786	1.116331	0.651004	-1.53609	0.185427	1.423624	1.423624		0.516972	1.1797	1.1797	0.119937	1.52859	1.52859	0.76482	1.07838	1.07838	0.330232	0.776684	-1.28752	1.69327	1.69673	0.860706	1
cg18540985	ZNF860;OSBPL10	0.234916	0.31258	1.52331	1.52331	0.0908226	0.118235	2.111835	0.0492752	2.47001	2.47001	0.437534	1.38597	1.38597	0.0920138	2.111137	2.111137		0.151216	1.85837	1.85837	0.0477669	2.48929	2.48929	0.429509	1.38396	1.38396	0.721845	1.15492	1.15492	0.929626	4.35383	2.28557	1
cg24375215	CD300A;CD300A	0.234922	0.111566	2.6003	2.6003	0.1147924	2.57446	2.57446	0.398958	0.6221162	-1.60989	0.437614	1.54745	1.547445	0.492046	1.46209	1.46209		0.0984965	2.71582	2.71582	0.8628004	1.17192	1.17192	0.121351	2.5247	2.5247	0.3994496	1.60887	1.60887	0.69325	8.11737	4.28041	1
cg23037648	NFKBIZ;NFKBIZ	0.234923	0.283977	0.829163	-1.20604	0.985779	1.003	1.003	0.596852	1.094	1.094	0.163173	0.778403	-1.28468	0.145844	0.768894	-1.30057		0.136615	0.763454	-1.30984	0.75335	1.05445	1.05445	0.50626	1.1202	1.1202	0.0770624	1.39218	1.39218	0.69325	0.759657	0.39879	1
cg24538029	FGF18	0.234923	0.38217	1.28741	1.28741	0.2275516	1.06424	1.06424	0.683849	0.818139	-1.22239	0.846853	1.05602	1.056021	0.647022	0.876311	-1.14104		0.0419897	0.516362	1.9362	0.0512004	0.516841	1.93972	0.14948	0.640061	-1.56294	0.684423	1.12208	1.12208	0.69323	2.1307	1.11854	1
cg22491171	C6orf153	0.234925	0.588866	0.863732	-1.15795	0.354276	1.29155	1.29155	0.186913	1.4558	1.4558	0.147728	0.659056	-1.51732	0.282951	0.684295	-1.46136		0.999888	0.99962	-1.00004	0.0453976	0.540041	1.85171	0.840926	1.18225	1.18225	0.69323	1.932605	1.10458	1
cg15328005	SNRK;SNRK	0.234927	0.233789	0.774781	-1.29069	0.0202424	1.7724	1.7724	0.251383	1.27758	1.27758	0.925528	0.1093	1.0193	0.227967	0.772059	-1.29524		0.814349	1.04926	1.04926	0.546109	1.13301	1.13301	0.921743	0.980113	-1.02029	0.657307	0.912769	-1.09557	1.69322	1.12066	0.58831	1
cg25035908	DENND2C	0.234928	0.493392	0.778164	-1.28494	0.7795476	0.804553	-1.24313	0.598638	1.36562	1.36562	0.848096	1.07115	1.07115	0.966242	1.011836	1.011836		0.0314731	1.319671	1.31822	0.272806	0.662615	1.50917	0.0497823	1.31198	1.31198	0.69322	0.757691	1.31198	0.69322	3.488487	1.8305	1
cg00084347	DNAH10	0.234928	0.201498	0.57275	-1.74596	0.0113478	0.269588	-3.7051	0.524467	0.766059	-1.30538	0.862795	0.931026	-1.07408	0.185986	0.560252	-1.78491		0.352476	0.673464	-1.48486	0.280498	0.629083	-1.58961	0.153157	0.531509	-1.88144	0.973935	1.01359	1.69321	4.57792	2.40328	1
cg00806831	Sil	0.234935	0.887814	0.959059	-1.0198	0.0260192	4.76911	4.76911	0.0361935	5.4075	5.4075	0.451135	0.584392	-1.71118	0.889997	0.907215	-1.10167		0.392836	0.540314	1.84497	0.0508893	0.763344	-1.31002	0.153703	2.009	2.009	0.910007	0.924182	-1.08204	1.69319	13.1279	6.89187	1
cg02854090	HIST1H2AA;HIST1H2BA	0.234956	0.394165	-2.52902	-2.52902	0.06160697	1.74303	1.74303	0.2160504	0.705944	-1.41654	0.726782	0.915759	-1.0977	0.132193	0.623293	-1.53564		0.2210158	1.40423	1.40423	0.402851	1.25349	1.25349	0.542188	0.849738	-1.17683	0.432786	1.23524	1.23524	1.6931	1.86759	0.980496	1
cg23512657	MMP17	0.234956	0.707346	0.938347	-1.06555	0.1397	1.3077	1.3077	0.927564	0.984356	-1.01058	0.325854	1.18669	1.18669	0.897589	0.87985	-1.02591	1.02591	0.511809	0.893805	-1.11888	0.0117432	1.70082	1.70082	0.954938	0.990511	-1.00958	0.547163	1.10826	1.10826	1.6931	0.7634418	0.400799	1
cg18361093	PADI4;PADI6;PADI6	0.234959	0.185551	5.32578	5.32578	0.1510082	0.972227	-4.07277	0.283794	3.9704	3.9704	0.574107	0.57494	-1.74027	0.54754	1.49271	1.49271		0.378786	2.92347	2.92347	0.0467827	15.062	15.062	0.0507344	14.1892	14.1892	0.577483	1.95521	1.95521	0.69309	38.0652	19.9846	1
cg21843902	WBP2	0.234963	0.151582	0.389604	-2.56671	0.0430473	0.239719	-4.17155	0.35301	0.556371	-1.79736	0.632377	0.744013	-1.34406	0.0895456	0.317139	-3.15319		0.935198	0.951334	-1.05116	0.0374289	0.227271	-4.40003	0.894731	0.921989	-1.08461	0.950175	0.962387	-1.03908	1.69308	10.0931	5.299	1
cg22938043	C22orf41	0.234964	0.276978	1.38899	1.38899	0.349098	0.753317	-1.32746	0.780581	0.922055	-1.08453	0.417124	0.585859	-1.27249	0.0985089	0.590661	-1.69302		0.189144	1.49817	1.49817	0.1911851	1.35532	1.35532	0.102426	0.594902	-1.68095	0.489385	1.22638	1.22638	1.69307	2.26442	1.18886	1
cg03036098	CUEDC1	0.234967	0.493466	1.03511	1.03511	0.9802412	1.62644	1.65442	0.10806	1.95092	1.95092	0.159571	1.6764	1.67644	0.564398	1.02853	1.02853		0.835007	0.923558	-1.08274	0.121974	1.894871	1.89487	0.0337732	2.57322	2.57322	0.209488	1.6556	1.6556	1.69305	3.89568	2.04553	1
cg06535441	PPAP2B;PPAP2B	0.234972	0.915385	0.962452	-1.03901	0.6606722	0.466933	-2.14163	0.0406042	0.426819	-2.34291	0.919517	1.03143	1.03143	0.352275	0.708438	-1.41156		0.274001	0.663719	-1.50666	0.124836	0.549741	-1.81902	0.568759	1.23049	1.23049	0.169425	0.590311	-1.69402	1.69304	3.47702	1.82552	1
	C2orf7;C2orf7;C2orf7;C2orf7;C2orf7;C2orf7																											
cg25139645	orf7;ESF1	0.234974	0.171326	0.78385	-1.27575	0.137108	1.30703	1.30703	0.952407	0.990069	-1.01003	0.804529	0.959384	-1.04234	0.963661	1.00765	1.00765		0.050771	0.689256	-1.45084	0.458436	0.891445	-1.12177	0.147775	1.2965	1.2965	1.69303	0.749719	0.393624	1
cg21043622	TCEB3	0.234978	0.007668	0.4254133	-2.35014	0.0014045	1.30486	1.30486	0.166434	0.573187	-1.74433	0.744501	0.690097	-1.44761	0.0156564	0.706745	-1.41494		0.102717	0.602061	-1.66061	0.0145126	0.838335	-1.19268	0.0203147	1.47285	1.47285	1.69302	1.3805	1.69302	1.4925	0.753097	1
cg19985647	RAET1K	0.234978	0.907247	0.97319	-1.02755	0.480754	0.846105	-1.18189	0.0687138	0.621856	-1.60809	0.406955	1.21871	1.21871	0.881578	1.56841	1.56841		0.329563	0.790882	-1.26441	0.284685	0.771733	-1.29578	0.243364	0.752297	-1.32926	0.510645	1.16833	1.16833	1.69301	1.45769	0.765338	1
cg20153090	TRIM71	0.234981	0.796043	0.91017	-1.0987	0.349007	1.41955	1.41955	0.742233	1.12742	1.12742	0.275531	0.662184	-1.51015	0.0220416	0.368667	-2.71248		0.154445	0.574709	-1.74046	0.0113684	0.491643	2.03481	0.0143791	1.84134	1.84134	0.0745305	0.170535	1.07515	1.693	3.54063	1.85896	1
cg15506587	BTBD10	0.234985	0.408324	1.19197	-1.0987	0.0150082	0.702222	1.42457	0.0133991	1.81074	1.81074	0.184027	0.554144	-1.80457	0.0264227	1.38482	1.38482		0.675863	1.07226	1.07226	1.36319	2.36139	2.36139	0.464636	0.618223	-1.61754	0.62095	1.31504	1.87559	1.69299	2.68187	1.42	1
cg23621817	CHRNA9	0.234998	0.0363811	0.525924	-1.90141	0.970486	0.990375	-1.00982	0.854333	1.04975	1.04975	0.68593	0.898174	-1.11337	0.0424463	0.53941	-1.85388		0.639741	0.882912	-1.13262	0.404141	0.798118	-1.25295	0.421397	0.804959	-1.2423	0.0606604	0.571953	-1.7484	1.69293	1.87097	0.982368	1
cg21815704	GLRX2;GLRX2	0.235003	0.446523	1.3541	1.3541	0.238648	1.4594	1.4594	0.513784	1.14384	1.14384	0.513424	0.91924	-1.08782	0.252341	1.59544	1.59544		0.0188992	2.15547	2.15547	0.0935114	0.627109	1.59408	0.0431859	2.2223	2.2223	0.0295996	0.716356	1.39592	0.69298	4.09348	2.14881	1
cg22429160	ZNF335	0.235003	0.093324	2.57887	2.57887	0.0885862	2.62257	2.62257	0.392932	1.56699	1.56699	0.220758	0.913613	1.93614	0.928746	0.955752	1.0463		0.859789	0.913252	-1.09499	0.158937	1.16563	1.16563	0.648738	0.889805	0.8077391	0.737277	0.732771	2.73277	1.69292	2.06234	3.70817	1
cg03325851	APBB1;APBB1	0.235005	0.790662	0.944638	-1.05861	0.0889437	1.49424	1.49424	0.181135	1.35517	1.35517	0.158982	1.38025	1.38025	0.25802	1.28745	1.28745		0.978287	1.00584	1.00584	0.845611	0.959126	-1.04262	0.553581	1.13688	1.13688	0.0214952	1.80622	1.80622	1.69291	1.2287	0.64515	1
cg25628257	C11orf10;FEN1;MIRG11	0.235013	0.409316	1.49013	1.49013	0.4014007	1.12122	1.12122	0.594493	1.18907	1.18907	0.283021	0.274736	1.88003	0.0125681	2.36329	2.36329		0.973002	1.01612	1.01612	0.8127888	0.963099	-1.03746	1.69288	0.963889	-1.03746	1.69288	0.99012	0.514527	1
cg21202528	ABCB5	0.235014	0.594503	0.769061	-1.30029	0.0928911	0.405123	-2.46838	0.84279	0.907514	-1.10191	0.273084	0.572659	-1.74624	0.0321163	0.293218	3.41043		0.245244	0.552108	-1.81124	0.0434441	0.321199	-3.11333	0.667307	0.809605	-1.23517	0.187834	0.52555	-1.97804	1.6928	6.40406	3.36263	1
cg09389280	CLDN11	0.235027	0.143976	1.47316	1.47316	0.4144205	1.30486	1.30486	0.166434	0.573187	-1.74433	0.744501	0.690097	-1.44761	0.0156564	0.706745	-1.41494		0.102717	0.602061	-1.66061	0.0145126	0.838335	-1.19268	0.0203147	1.47285	1.47285	1.69284	1.3805	1.69284	1.4925	0.753097	1
cg02512615	SHROOM4;SHROOM4	0.235027	0.20355	0.4421	-2.26193	0.0211358	0.185225	-5.39884	0.359185	0.563611	-1.77427	0.524053	0.675247	-1.48094	0.0821509	0.309963	3.22619		0.129266	0.369018	-2.70989	0.189227	0.429194	-2.32995	0.215916	0.452908	-2.20795	0.994198	1.00443	1.00443	1.69282	0.916917	0.52731	1
cg20683987	BLOC1S1	0.235038	0.0632865	1.77657	1.77657	0.307155	0.747609	-1.3376	0.165527	1.50223	1.50223	0.252312	0.71963	-1.3896	0.0521541	0.836272	-1.19578		0.66792	1.12609	1.12609	0.234271	0.74056	-1.34996	0.0839504	0.614425	-1.62745	0.0198771	0.814012	1.22844	1.69275	0.531374	0.279232	1
cg25678015	EIF2AK1;EIF2AK1	0.235045	0.44792	1.15527	1.15527	0.558873	1.11662	1.11662	0.642956	1.09102	1.09102	0.184089	1.30076	1.30076	0.834035	1.03993	1.03993		0.632907	1.09396	1.09396	0.0143094	0.569128	-1.75707	0.712892	0.933354	-1.07141	0.616016	1.08986	1.08986	1.69275	0.933639	0.490268	1
cg24570219	MTHFD2;MTHFD2	0.235058	0.650596	1.08196	1.08196	0.334574	0.625579	-1.0227	0.840599	0.933422	-1.07122	0.364506	0.764561	-1.30794	0.0443888	0.663823	-1.50679		0.278164	0.747908	-1.3455	0.163281	1.14015	1.14015	0.0844113	1.12466	1.12466	0.732077	0.365098	1.10927	0.69267	2.05507	1.07918	1
cg10601972	CAND2;CAND2	0.235064	0.045755	6.52944	6.52944	0.846763	0.853412	-1.17177	0.767659	0.784748	-1.27443	0.451406	0.53332	-1.87505	0.401393	0.49476	-2.02118		0.653448	0.685563	-1.43151	0.915178	1.09121	1.09121	0.867567	1.13581	1.13581	0.032066	7.826066	1.69267	17.995	9.44991	1
cg14776093	TMEM185B	0.235065	0.835619	1.32645	1.32645	0.982865	1.02962	1.02962	0.212785	0.03799	0.03799	0.222531	0.172746	-5.78886	0.482289	2.64637	2.64637		0.253781	0.651261	-1.53548	0.662062	1.81924	1.81924	0.0144025	69.4185	69.4185	0.84602	0.767707	-1.30258	1.75611	50.3136	22.2838	1
cg13328898	FOXC1	0.235068	0.53334	1.37004	1.37004	0.744776	1.06562	1.06562	0.139403	1.73805	1.73805	0.164276	1.45767	1.45767	0.0161389	3.02548	3.02548		0.0783164	1.94707	1.94707	0.0556303	0.0195157	1.73202	1.73202	0.0147073	1.84695	1.84695	0.0122824	0.0163398	0.99111	-1.00807	1.69251	0.10495	0.533042	1
cg03614157	REEP5	0.235075	0.0793717	0.529849	-1.88733	0.335162	1.38287	1.38287	0.158809	1.63432	1.63432	0.127656	0.584368	-1.71127	0.16794	0.619215	-1.61495		0.237696	0.668029	-1.49694	0.247676	0.318553	0.9751953	-1.16391	0.943153	0.977009	-1.02353	1.69251	1.85148	1.49757	1
cg23645931	MTG1	0.235107	0.859467	1.03963	1.03963	0.614718	1.11775	1.11775	0.591883	1.12602	1.12602	0.214482	1.33192	1.33192	0.691772	0.916315	-1.09133		0.130062	0.698626	-1.43138	0.0173238	1.88831	1.88831	0.737091	1.0767	1.0767	0.970103	0.991814	-1.00825	1.6925	1.2894	0.677183	1
cg10190497	ZNF585A	0.235111	0.0421517	1.91709	1.91709	0.2614966	0.16908	3.4294	0.429654	2.79926	2.79926	1.25116	0.709237	1.4095	0.12512	2.078	2.078		0.940285	1.02104	1.02104	0.911441	1.20335	1.20335	0.451272	1.23778	1.23778	0.114968	0.650798	-1.53658	1.69249	1.10678	1.08747	1
cg04077363	TCEAL5	0.235121	0.266838	0.464725	-2.15181	0.0997399	0.114673	-8.72047	0.359693	0.533155	-1.87563	0.481384	1.6065	1.6065	0.25621	0.452029	2.21225		0.344738	0.524844	-1.90533	0.467244	0.612622	-1.63233	0.445765	0.597586	-1.6734	0.661809	0.747097	-1.33851	1.69244	1.71615	0.17724	1
cg10109821	DNAJA4;DNAJA4;DNAJA4	0.235126	0.410407	1.34376	1.34376	0.4455	1.18316	1.18316	0.307955	1.39001	1.39001	0.188724	1.06903	1.06903	0.125105	1.562637	1.562637		0.344629	0.699313	1.42963	0.0494175	0.625202	-1.59942	0.0423042	1.24163	1.24163	0.0894475	0.626023	-1.59742	0.0418538	1.60942	1.60942	1.69243	1.0844	0.673183	1
cg11247695	MUC2	0.235138	0.290061	0.733543	-1.36325	0.503749	1.21103	1.21103	0.360843	0.767141	-1.30354	0.128844	0.630175	-1.58686	0.040635	0.513208	1.94853		0.0455775	0.523638	-1.90972	0.842625	1.0577	1.0577	0.927872	0.974774	-1.02588	0.443451	0.802119	-1.2467	1.69237	1.13449	1.1211	1
cg07124832	ADAMTS2	0.235154	0.146378	0.275483	-3.62998	0.74835	1.30495	1.30495	0.621479	0.662617	-1.50917	0.935241	1.06951	1.06951	0.0139227	0.0790603	12.6486		0.28312	0.357613	-1.66003	0.0783377	0.712004	-1.40499	0.0298905	0.6416	-1.5586	0.640403	0.922821	-1.08363	1.69254	0.8086689	0.424707	1
cg02078063	C1orf133;SERTAD4	0.235098	0.301789	0.9091	0.9091	0.8337229	1.02962	1.02962	0.212785	0.03799	0.03799	0.222531	0.172746	-5.78886	0.482289	2.64637	2.64637		0.253781	0.651261	-1.53548	0.662062	1.81924	1.81924	0.0144025	69.4185	69.4185	0.84602	0.767707	-1.30258	1.75611	50.3136	22.2838	1
cg19961800	SYT16	0.235102	0.16425	0.263249	-3.79868	0.0133174	0.0630407	-15.8628	0.153911	0.253398	-3.94636	0.832448	1.20988	1.20988	0.331961	0.406524	-2.45988		0.464957	0.512333	-1.95186	0.28041	0.364577	-2.74291	0.178889	0.276876	-3.61172	0.762501	0.761425	-1.31333	1.69252	21.6787	11.3854	1
cg02156593	TSC2	0.235105	0.19936	1.30194	1.30194	0.744776	1.06562	1.06562	0.139403	1.73805	1.73805	0.164276	1.45767	1.45767	0.0161389	3.02548	3.02548		0.0783164	1.94707	1.94707	0.0556303	0.0195157	1.73202	1.73202	0.0147073	1.84695	1.84695	0.0122824	0.0163398	0.99111	-1.00807	1.69251	0.10495	0.533042	1
cg00164157	REEP5	0.235105	0.0793717	0.529849	-1.88733	0.335162	1.38287	1.38287	0.158809	1.63432	1.63432	0.127656	0.584368	-1.71127	0.16794	0.619215	-1.61495		0.237696	0.668029	-1.49694	0.247676	0.318553	0.9751953	-1.16391	0.943153	0.977009	-1.02353	1.69251	1.85148	1.49757	1
cg23645931	MTG1	0.235107	0.859467	1.03963	1.03963	0.614718	1.11775	1.11775	0.591883	1.12602	1.12602	0.214482	1.33192	1.33192	0.691772	0.916315	-1.09133		0.130062	0.698626	-1.43138	0.0173238	1.88831	1.88831	0.737091	1.0767	1.0767	0.970103	0.991814	-1.00825	1.6925	1.2894	0.677183	1
cg10190497	ZNF585A	0.235111	0.0421517	1.91709	1.91709	0.2614966	0.16908	3.4294	0.429654	2.79926	2.79926	1.25116	0.709237	1.4095	0.12512	2.078	2.078		0.940285	1.02104	1.02104	0.911441	1.20335	1.20335	0.451272	1.23778	1.23778	0.114968	0.650798	-1.53658	1.69249	1.10678	1.08747	1
cg04077363	TCEAL5	0.235121	0.266838	0.464725	-2.15181	0.0997399	0.114673	-8.72047	0.359693	0.533155	-1.87563	0.481384	1.6065	1.6065	0.25621	0.452029	2.21225		0.344738	0.524844	-1.90533	0.467244	0.612622	-1.63233	0.445765	0.597586	-1.6734	0.661809	0.747097	-1.33851	1.69244	1.71615	0.17724	1
cg10109821	DNAJA4;DNAJA4;DNAJA4	0.235126	0.410407	1.34376	1.34376	0.4455	1.18316	1.18316	0.307955	1.39001	1.39001	0.188724	1.06903	1.06903	0.125105	1.562637	1.562637		0.344629	0.699313	1.42963	0.0494175	0.625202	-1.59942	0.0423042	1.24163	1.24163	0.0894475	0.626023	-1.59742	0.0418538	1.60942	1.60942	1.69243	1.0844	0.673183	1
cg11247695	MUC2	0.235138	0.290061	0.733543	-1.36325	0.503749	1.21103	1.21103	0.360843	0.767141	-1.30354	0.128844	0.630175	-1.58686	0.040635	0.513208	1.94853		0.0455775	0.523638	-1.90972	0.842625	1.0577	1.0577	0.927872	0.974774	-1.02588	0.443451	0.802119	-1.2467	1.69237	1.13449	1.1211	1
cg07124832	ADAMTS2	0.235154	0.146378	0.275483	-3.62998	0.74835	1.30495	1.30495	0.621479	0.662617	-1.50917	0.935241	1.06951	1.06951	0.0139227	0.0790603	12.6486		0.28312	0.357613	-1.66003	0.0783377	0.712004	-1.40499	0.0298905	0.6416	-1.5586	0.640403	0.922821	-1.08363	1.69254	0.8086689	0.424707	1
cg07883318	RNF113A;NDUFA1	0.235143	0.0319882	0.722006	-1.38505	0.0875723	0.862273	-1.15972	0.0902424	0.934075	-1.07058	0.145506	0.18268	-5.47312	0.0219272	0.0998752	10.0144		0.066805	0.152379	-6.56204	0.0222864	0.109272	-9.15455	0.0124398	0.477716	-2.09329	0.857907	1.17831	1.17831	1.69236	6.22722	3.18006	1
cg09063372	HDGF;HDGF;HDGF;HDGF	0.235144	0.659603	1.04902	1.04902	0.0512872	1.27074	1.27074	0.138414	1.18794	1.18794	0.59218	0.943752	-1.0596	0.309182	1.12033	1.12033		0.898234	0.986281	-1.01391	0.901651	0.986741	-1.01344	0.581319	0.946319	-1.06198	0.0388682	1.29459	1.29459	1.69235	0.312414	0.164092	1
cg20548083	TRAM1	0.235152	0.212523	0.840858	-1.18953	0.535586	1.04387	0.9587	0.933383	1.31031	1.31031	0.514253	1.44002	1.44002	0.145343	0.616217	-1.62257		0.196254	0.747301	-1.33824	0.0556353	0.0195157	1.73202	1.73202	0.0147073	1.84695	1.84695	0.0122824	0.0163398	0.99111	-1.00807	1.69251	0.10495	0.533042	1
cg01575716	TBX21	0.235152	0.280766	0.716346	-1.39597	0.1172	1.65925	1.65925	0.485687	0.80894	-1.23466	0.330971	0.754195	-1.32606	0.0179435	0.741951	-1.3478	1.2906	0.0035	0.237696	0.668029	-1.49694	0.247676	0.318553	0.9751953	-1.16391	0.943153	0.977009	-1.02353	1.69251	1.85148	1.49757	1
cg21752825	HSPB6;C19orf55	0.235155	0.419266	0.797466	-1.25397	0.0251329	2.07598	2.07598	0.0965658	1.64922	1.64922	0.566641	1.17215	1.17215	0.483947	1.2154	1.2154		0.631416	1.14174	1.14174	0.283146	1.35747	1.35747	0.0884986	1.67422	1.67422	0.416944	1.25545	1.25545	1.69231	2.01562	1.05871	1
cg08025340	SLC10A3;SLC10A3;SLC10A3	0.235159	0.890744	1.0191	1.0191	0.0758383	0.923252	1.08337	0.776859	0.849242	-1.17755	0.270653	0.793383	-1.26042	0.0782525	0.700651	1.42733		0.32082	0.863191	1.15853	0.307775	0.841877	-1.18782	0.603188	1.4402	1.4402	0.0788378	2.12651	2.12651	1.69229	15.3439	7.9195	1
cg24174984	WDR43	0.235163	0.57534	0.866793	-1.15368	0.593048	1.14597	1.14597	0.54006	0.873545	-1.14497	0.54006	0.615624	-1.62496

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(347T vs. N)	p-value(347T vs. 347)	Fold-Change(3 vs.347T 47 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 53T vs. N)	p-value(537T vs. N)	Fold-Change(5 vs.537T 37 vs. N)	p-value(563T vs. N)	Fold-Change(5 vs.563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04008601	C12orf42;C12orf42		0.235391	0.988477	0.094099	-1.05594	0.07828881	0.448598	-2.22917	0.113302	0.4931883	2.602082	0.0888699	0.464774	-2.15158	0.0442568	0.387889	-2.57805	0.246484	0.608545	-1.64326	0.165966	0.545835	-1.83205	0.974571	0.987022	-1.03135	0.860452	0.930424	-1.07478	1.69136	4.49914	2.3645	1
cg13071069	IQSEC1;IQSEC1		0.235393	0.523872	0.740523	-1.3504	0.6620046	0.376348	-2.65712	0.0361988	0.32215	-3.10454	0.292045	0.601458	-1.66263	0.287829	0.598577	-1.67063	0.453531	0.701112	-1.4263	0.340021	0.145401	0.290411	0.600344	-1.66571	0.467312	0.141052	1.49156	5.7933	3.04466	1
cg13410755	ATP6V1F		0.235394	0.928315	1.01007	1.01007	1.00609	0.821548	-1.21721	0.464553	1.08643	1.08643	0.0573842	1.27047	1.27047	0.839322	1.02287	1.02287	0.80772	1.02753	1.02753	0.137546	0.836851	-1.19496	0.618956	0.945693	-1.05743	0.214862	1.15651	1.15653	1.69135	0.332248	0.174613	1
cg14263884	CDKSAP3		0.235395	0.375037	0.842182	-1.18739	0.482382	0.873985	-1.14418	0.261004	0.8081597	-1.24751	0.687151	0.926468	-1.07937	0.849485	1.036643	1.036449	0.39756	0.84924	-1.17752	0.044268	0.646677	-1.54637	0.0205677	0.590883	-1.69261	0.169426	0.758706	-1.31803	1.69135	0.953326	0.501022	1
cg07288027	SLA;TG;SLA;SLA		0.235399	0.076398	0.590654	-1.69304	0.607823	1.14827	-1.14827	0.192179	0.69162	-1.44588	0.212252	0.704027	-1.4204	0.196594	0.694423	-1.44005	0.286769	0.744197	-1.34373	0.686036	1.11466	1.11466	0.0339083	0.516105	-1.93759	0.382191	0.787121	-1.27045	1.69133	1.91099	1.00433	1
cg27593095	RASA3		0.235404	0.630987	1.22427	1.22427	0.0241932	3.07597	3.07597	0.0451657	2.61394	2.61394	0.559223	1.28006	1.28006	0.95586	1.07724	-1.02341	0.373345	1.4678	1.4678	0.134603	1.96297	1.96297	0.609286	0.835934	-1.19679	0.0550766	1.28707	1.28707	1.69131	4.68233	2.46085	1
cg00273543	FGF14		0.235405	0.768464	0.915055	-1.09283	0.5579883	1.90489	1.90489	0.119121	1.663	1.663	0.210732	1.4867	1.4867	0.398997	0.771318	-1.29648	0.159585	1.57138	1.57138	0.643133	0.8690093	-1.15062	0.136567	1.6198	1.6198	0.319496	1.36255	1.36255	1.69131	2.42224	1.27304	1
cg09495581	RAPGEF4;RAPGEF4		0.235405	0.202567	0.464673	-2.47153	0.696251	1.3013	1.3013	0.451394	1.67173	1.67173	0.31409	1.541432	-1.84695	0.0160881	0.137939	-2.24957	0.245384	0.437904	-2.28561	0.0218256	0.159349	-6.27555	0.0779424	0.290907	-3.80233	0.0705115	0.775456	-1.28956	1.69121	12.7155	6.50239	1
cg13525812	ARFGEF1		0.235431	0.22635	0.59602	-1.6779	0.0276188	0.338596	-2.95337	0.153769	0.535337	-1.86798	0.675942	0.843866	-1.18572	0.252753	0.614525	-1.62727	0.122379	0.492076	-2.03221	0.311297	1.50948	1.50948	0.0139145	1.06348	1.00348	0.796687	0.900715	-1.11023	1.7545	4.45918	1.97677	1
cg24193714	LSM5;LSM5;LSM5;LSM5		0.235432	0.0593496	0.77208	-1.2952	0.346547	0.888879	-1.12501	0.719819	1.04474	1.04474	0.871054	0.980453	-1.01994	0.930617	0.989473	-1.01064	0.120056	1.22744	1.22744	0.0650695	1.28623	1.28623	0.67048	1.05339	1.05339	0.912644	1.01342	1.01342	1.6912	0.395537	0.207893	1
cg24170423	RASGRP2;RASGRP2		0.235432	0.118869	0.58081	-1.72125	0.375881	1.16869	1.16869	0.0802669	1.00797	1.00797	0.994002	0.760368	-1.31539	0.0205567	0.483373	-2.14874	0.721804	0.891587	-1.1216	0.506853	1.03829	1.03829	0.323127	0.720671	-1.3876	0.151601	0.610712	-1.63743	1.6912	2.75952	1.45039	1
cg11107116	ADAMTS17		0.235442	0.695302	0.821686	-1.21701	0.6578827	0.36047	-2.77415	0.0573255	0.342047	-2.92358	0.356478	0.605113	1.66053	0.23488	0.533786	-1.86121	0.460977	0.687642	-1.45425	0.21361	0.50265	-1.98991	0.329918	0.166435	0.668465	0.508766	0.15886	1.05886	1.69116	6.66783	3.50468	1
cg26202018	PHF20L1;PHF20L1;PHF20L1		0.235444	0.393714	2.04158	2.04158	0.0238305	2.71388	2.48275	0.0234403	2.40403	2.40403	0.185494	1.57426	1.57426	0.0676725	2.60513	2.60513	0.607036	1.36483	1.36483	0.0423924	0.64299	0.64299	0.0110004	0.20136	-4.96675	0.0175386	1.27652	1.27652	1.69115	4.18353	0.933268	1
cg21296654	MCF2L;MCF2L		0.235447	0.595044	0.798601	-1.25219	0.0324381	2.85682	2.85682	0.0603119	2.43056	2.43056	0.702175	1.17476	1.17476	0.197376	0.5648824	1.77046	0.658586	0.82993	-1.20492	0.808368	1.10723	1.10723	0.807835	1.10755	1.10755	0.908968	0.953182	-1.04912	1.69114	4.7068	2.47397	1
cg00511333	AATK		0.235448	0.73698	0.377167	-1.14003	0.514016	1.29612	1.29612	0.569377	1.25279	1.25279	0.441661	1.36	1.36	0.206411	0.59315	-1.68591	0.41867	0.723341	-1.38247	0.0786425	0.465101	-2.15007	0.0445417	0.404906	-2.46971	0.434182	1.36718	1.36718	1.69114	4.11406	2.16242	1
cg04729212	NEK9		0.235452	0.60756773	0.713998	-1.40134	0.490542	1.86025	1.86025	0.0522994	1.93788	1.93788	0.108946	1.5422	1.5422	0.0127888	1.45214	1.45214	0.351882	0.802344	-1.24617	0.0199536	0.56255	-1.77804	0.0172485	0.557427	-1.79384	0.0139157	0.293654	-3.40537	1.69112	21.0335	11.0557	1
cg11992351	TRPV3		0.235453	0.316332	1.68857	1.68857	0.587718	1.31892	1.31892	0.815498	1.12547	1.12547	0.322553	1.67657	1.67657	0.418098	1.51959	1.51959	0.753753	1.1725	1.1725	0.0300614	3.6339	3.6339	0.130927	2.28139	2.28139	0.0265364	3.78008	3.78008	1.69111	6.84949	3.60025	1
cg00713286	RAP1GAP2;RAP1GAP2		0.235456	0.396318	0.872918	-1.14594	0.333994	0.756633	-1.32227	0.0228984	0.7234496	-1.38206	0.0734872	0.6163	-1.62255	0.0435357	0.4243	-2.35702	0.71026	1.06012	1.06012	0.0604971	0.41668	-2.39984	0.0290408	0.410838	-2.43511	0.0404471	0.14279	-7.00197	0.656373	0.344673	1
cg16144317	PTPN14		0.235461	0.0215143	0.814546	-2.40879	0.827049	1.0722	1.0722	0.603492	0.8446	-1.18368	0.0257584	0.430147	-2.32479	0.572212	0.8337751	1.1994	0.926666	0.970198	-1.02976	0.926145	1.00298	1.00298	0.974709	0.835842	-1.1964	0.600753	0.845171	-1.18319	1.69108	2.71819	1.42877	1
cg15945754	C6orf204;C6orf204		0.235463	0.85746	0.916063	-1.09163	0.500179	1.39615	1.39615	0.0689458	2.69797	2.69797	0.382533	1.54758	1.54758	0.0475287	0.311128	-3.01998	0.96036	1.02074	1.02074	0.324001	0.656578	-1.52305	0.822707	1.09712	1.09712	0.570888	1.2689	1.26889	1.69122	4.56947	2.40167	1
cg26781160	RAPGR;RAPSN		0.235465	0.446264	0.690021	-1.44943	0.437915	0.580449	-1.72267	0.433084	1.72872	1.72872	0.788846	1.01497	-1.01497	0.951592	0.541432	-1.84695	0.0160881	0.137939	-7.24957	0.245384	0.437904	-2.28561	0.0218256	0.159349	-6.27555	0.0779424	0.290907	-3.80233	0.705115	0.775456	-1.28956	1.69121	12.7155	6.50239	1
cg13525812	ARFGEF1		0.235431	0.22635	0.59602	-1.6779	0.0276188	0.338596	-2.95337	0.153769	0.535337	-1.86798	0.675942	0.843866	-1.18572	0.252753	0.614525	-1.62727	0.122379	0.492076	-2.03221	0.311297	1.50948	1.50948	0.0139145	1.06348	1.00348	0.796687	0.900715	-1.11023	1.7545	4.45918	1.97677	1
cg24193714	LSM5;LSM5;LSM5;LSM5		0.235432	0.0593496	0.77208	-1.2952	0.346547	0.888879	-1.12501	0.719819	1.04474	1.04474	0.871054	0.980453	-1.01994	0.930617	0.989473	-1.01064	0.120056	1.22744	1.22744	0.0650695	1.28623	1.28623	0.67048	1.05339	1.05339	0.912644	1.01342	1.01342	1.6912	0.395537	0.207893	1
cg24170423	RASGRP2;RASGRP2		0.235432	0.118869	0.58081	-1.72125	0.375881	1.16869	1.16869	0.0802669	1.00797	1.00797	0.994002	0.760368	-1.31539	0.0205567	0.483373	-2.14874	0.721804	0.891587	-1.1216	0.506853	1.03829	1.03829	0.323127	0.720671	-1.3876	0.151601	0.610712	-1.63743	1.6912	2.75952	1.45039	1
cg11107116	ADAMTS17		0.235442	0.695302	0.821686	-1.21701	0.6578827	0.36047	-2.77415	0.0573255	0.342047	-2.92358	0.356478	0.605113	1.66053	0.23488	0.533786	-1.86121	0.460977	0.687642	-1.45425	0.21361	0.50265	-1.98991	0.329918	0.166435	0.668465	0.508766	0.15886	1.05886	1.69116	6.66783	3.50468	1
cg26202018	PHF20L1;PHF20L1;PHF20L1		0.235444	0.393714	2.04158	2.04158	0.0238305	2.71388	2.48275	0.0234403	2.40403	2.40403	0.185494	1.57426	1.57426	0.0676725	2.60513	2.60513	0.607036	1.36483	1.36483	0.0423924	0.64299	0.64299	0.0110004	0.20136	-4.96675	0.0175386	1.27652	1.27652	1.69115	4.18353	0.933268	1
cg21296654	MCF2L;MCF2L		0.235447	0.595044	0.798601	-1.25219	0.0324381	2.85682	2.85682	0.0603119	2.43056	2.43056	0.702175	1.17476	1.17476	0.197376	0.5648824	1.77046	0.658586	0.82993	-1.20492	0.808368	1.10723	1.10723	0.807835	1.10755	1.10755	0.908968	0.953182	-1.04912	1.69114	4.7068	2.47397	1
cg00511333	AATK		0.235448	0.73698	0.377167	-1.14003	0.514016	1.29612	1.29612	0.569377	1.25279	1.25279	0.441661	1.36	1.36	0.206411	0.59315	-1.68591	0.41867	0.723341	-1.38247	0.0786425	0.465101	-2.15007	0.0445417	0.404906	-2.46971	0.434182	1.36718	1.36718	1.69114	4.11406	2.16242	1
cg07229212	AATK		0.235452	0.60756773	0.713998	-1.40134	0.490542	1.86025	1.86025	0.0522994	1.93788	1.93788	0.108946	1.5422	1.5422	0.0127888	1.45214	1.45214	0.351882	0.802344	-1.24617	0.0199536	0.56255	-1.77804	0.0172485	0.557427	-1.79384	0.0139157	0.293654	-3.40537	1.69112	21.0335	11.0557	1
cg19923551	TRPV3		0.235453	0.316332	1.68857	1.68857	0.587718	1.31892	1.31892	0.815498	1.12547	1.12547	0.322553	1.67657	1.67657	0.418098	1.51959	1.51959	0.753753	1.1725	1.1725	0.0300614	3.6339	3.6339	0.130927	2.28139	2.28139	0.0265364	3.78008	3.78008	1.69111	6.84949	3.60025	1
cg00713286	RAP1GAP2;RAP1GAP2		0.235456	0.396318	0.872918	-1.14594	0.333994	0.756633	-1.32227	0.0228984	0.7234496	-1.38206	0.0734872	0.6163	-1.62255	0.0435357	0.4243	-2.35702	0.71026	1.06012	1.06012	0.0604971	0.41668	-2.39984	0.0290408	0.410838	-2.43511	0.0404471	0.14279	-7.00197	0.656373	0.344673	1
cg16144317	PTPN14		0.235461	0.0215143	0.814546	-2.40879	0.827049	1.0722	1.0722	0.603492	0.8446	-1.18368	0.0257584	0.430147	-2.32479	0.572212	0.8337751	1.1994	0.926666	0.970198	-1.02976	0.926145	1.00298	1.00298	0.974709	0.835842	-1.1964	0.600753	0.845171	-1.18319	1.69108	2.71819	1.42877	1
cg15945754	C6orf204;C6orf204		0.235463	0.85746	0.916063	-1.09163	0.500179	1.39615	1.39615	0.0689458	2.69797	2.69797	0.382533	1.54758	1.54758	0.0475287	0.311128	-3.01998	0.63099	1.26617	1.26617	0.386777	0.648808	-1.54128	0.247467	1.80336	1.80336	0.765697	1.15689	1.15689	1.69108	6.36872	3.34762	1
cg20044762	TBC0		0.235464	0.0860946	0.77202	-1.29577	0.0308	1.03859	-1.0359	0.919403	1.16453	-1.30474	0.203561	1.72255	-1.58372	0.0134004	1.25955	-1.35402	0.685316	1.02653	1.02653	0.874205	1.06499	1.06499	0.674205	1.08482	1.08482	0.0383125	0.629886	-1.58759	1.69107	0.990308	0.521977	1
cg13694876	EPHB3		0.235464	0.404998	0.546248	-1.83067	0.107793	1.47453	1.47453	0.891521	1.10168	1.10168	0.771401	1.2267	1.2267	0.518709	1.59091	1.59091	0.3594	0.51233	-1.95187	0.031597	0.167167	-5.98205	0.401997	0.544039	-1.8381	0.288471	0.457459	-2.18599	1.69107	13.49	7.09086	1
cg02176858	CLASP1;CLASP1;CLASP1		0.235464	0.393714	2.04158	2.04158	0.0238305	2.71388	2.48275	0.0234403	2.40403	2.40403	0.185494	1.57426	1.57426	0.0676725	2.60513	2.60513	0.607036	1.36483	1.36483	0.0423924	0.64299	0.64299	0.0110004	0.20136	-4.96675	0.0175386	1.27652	1.27652	1.69115	4.18353	0.933268	1
cg12845676	TNRC18		0.235468	0.754395	1.27032	1.27032	0.267039	2.4147	2.4147	0.0366893	6.3637	6.3637	0.985981	1.01348	1.01348	0.128469	0.285731	1.4998	0.169873	0.328028	-3.04852	0.58991	0.660452	-1.51411	0.629915	1.44796	1.44796	0.675987	0.725819	1.37775	1.69106	15.5673	8.18279	1
cg14428733	HLA-DPB1		0.235467	0.783004	0.90239	-1.10817	0.691488	0.862092	-1.15997	0.526209	0.787472	-1.26989	0.969504	1.01432	-1.01432	0.140274	0.554177	-1.80448	0.912835	1.04158	1.04158	0.711229	1.14837	1.14837	0.0354997	0.402246	-2.48604	0.0292082	0.384451	-2.60111	1.69105	3.70693	1.94851	1
cg07774691	GAPT		0.235476	0.919924	1.04476	1.04476	0.791404	0.576761	-1.73382	0.0414345	0.7370975	-1.35782	0.0414345	1.24031	1.24031	0.169844	0.8035703	-1.2522	0.3795141	1.24031	1.24031	0.169844	0.8035703	-1.2522	0.3795141	1.24031	1.24031	0.169844	0.8035703	-1.2522	0.3795141	1.69104	1.5756	0.797704	1
cg15986194	C14orf105		0.235458	0.498315	0.840696	-1.18949	0.346311	1.27737	1.27737	0.49743	0.840387	-1.18993	0.0139618	0.464682	-2.15201	0.556328	0.860538	-1.16206	0.549171	0.858135	-1.16532	0.674467	0.898854	-1.11253	0.108779	0.643057	-1.55507	0.26824	0.747447	-1.33789	1.69101	1.70649	0.897027	1
cg00137010	ANTXR2;LOC440957		0.235463	0.749534	0.86063	-1.16076	0.379758	0.916459	-1.36125	0.154299	0.8727442	-1.14607	0.3768357	0.873442	-1.14507	0.3768357	0.7568824	-1.32129	0.464621	1.1438	1.1438	0.112292	0.42551	-2.35001	0.0442355	0.601001	-1.66373	0.0284557	0.274605	-3.64225	1.69101	11.1673	6.53707	1
cg16222802	GNAI2;GNAI2		0.235484	0.937318	0.9655	-1.03573	0.469936	1.3884	1.3884	0.618041	0.798994	-1.25157	0.476941	1.38102	1.38102	0.037526	0.340511	2.93676	0.532359	1.32621	1.32621	0.137752	2.04108	2.04108	0.0052332	1.05461	1.05461	0.105767	2.2003	2.20063	1.69099	5.33678	2.80534	1
cg24104128	FBXO3;FBXO3		0.235485	0.917747	1.00508	1.00508	0.815849	1.03394	1.03394	0.323025	1.15724	1.15724	0.394335	0.882656	-1.13294	0.0994864	0.772346	-1.29476	0.540855	1.11618	1.11618	0.0893575	0.764914	-1.30734	0.862563	0.975515	-1.0251	0.0508588	0.727418	-1.37473	1.69099	0.548179	0.288157	1
cg27245646	PODN2		0.235485	0.402969	0.51747	-1.93552	0.0736842	1.13688	1.13688	0.0433599	1.28303	1.28303	0.0396776	1.17794	1.17794	0.224581	0.9752422	-1.02545	0.795182	1.07424	1.07424	0.0139394	1.13326	1.13326	0.0549353	1.26351	1.26351	0.0183187	1.50158	1.50158	1.69096	0.509536	0.478121	1
cg23756354	IER3		0.235493	0.425479	0.725883	-1.37763	0.793578	1.10875	1.10875	0.119252	0.580049	-1.72408	0.571464	0.798509	-1.25233	0.0103129	0.493461	2.0265	0.985601	0.992921	-1.00713	0.947906	0.410354	-2.43585	0.0170946	0.461197	-2.16827	0.0784234	0.463212	-2.15884	1.69096	4.15006	2.18157	1
cg26828119	APLP1;APLP1		0.235491	0.0197247	0.713198	-1.40216	0.0313337	1.13113	1.13113	0.44913	1.36607	1.36607	0.0488559	1.40302	1.40302	0.0207979	0.5023183	1.98984	0.0352095	0.649826	-1.53887	0.840088	0.966862	-1.03427	0.239961	1.24137	1.24137	0.382782	1.17032	1.17032	1.69095	0.820976	0.43472	1
cg10381114	ANKS3;ANKS3;C16orf71		0.235495	0.516067	0.890732	-1.12267	0.0949185	0.724341	-1.38057	0.781341	0.95228	-1.05011	0.999342	0.999855	-1.00014	0.351046	1.18372	1.18372	0.592888	0.718341	-1.39249	0.0549353	0.826061	-1.21041	0.0454593	0.590158	-1.69446	0.0269099	0.610864	-1.63708	1.69095	0.509536	0.478121	1
cg14164317	PTPN14		0.235461	0.0215143	0.814546	-2.40879	0.827049	1.0722	1.0722	0.603492	0.8446	-1.18368	0.0257584	0.430147	-2.32479	0.572212	0.8337751	1.1994	0.926666	0.970198	-1.02976	0.926145	1.00298	1.00298	0.974709	0.835842	-1.1964	0.600753	0.845171	-1.18319	1.69108	2.71819	1.42877	1
cg15945754	C6orf204;C6orf204		0.235463	0.85746	0.916063	-1.09163	0.500179	1.39615	1.39615	0.0689458	2.69797	2.69797	0.382533	1.54758	1.54758	0.0475287	0.311128	-3.01998	0.63099	1.26617	1.26617	0.386777	0.648808	-1.54128	0.247467	1.80336	1.80336	0.765697	1.15689	1.15689	1.69108	6.36872	3.34762	1
cg20044762	TBC0		0.235464	0.0860946	0.77202	-1.29577	0.0308	1.03859	-1.0359	0.919403	1.16453	-1.30474	0.203561	1.72255	-1.58372	0.0134004	1.25955	-1.35402	0.685316	1.02653	1.02653	0.874205	1.06499	1.06499	0.674205	1.08482	1.08482	0.0383125	0.629886	-1.58759	1.69107	0.990308	0.521977	1
cg13694876	EPHB3		0.235464	0.404998	0.546248	-1.83067	0.107793	1.47453	1.47453	0.891521	1.10168	1.10168	0.771401	1.2267	1.2267	0.518709	1.59091	1.59091	0.3594	0.51233	-1.95187	0.031597	0.167167	-5.98205	0.401997	0.544039	-1.8381	0.288471	0.457459	-2.18599	1.69107	13.49	7.09086	1
cg02176858	CLASP1;CLASP1;CLASP1		0.235464	0.393714	2.04158	2.04158	0.0238305	2.71388	2.48275	0.0234403	2.40403	2.40403	0.185494	1.57426	1.57426	0.0676725	2.60513	2.60513	0.607036	1.36483	1.36483	0.0423924	0.64299	0.64299	0.0110004	0.20136	-4.96675	0.0175386	1.27652	1.27652	1.69115	4.18353	0.933268	1
cg12845676	TNRC18		0.235468	0.754395	1.27032	1.27032	0.267039	2.4147	2.4147	0.0366893	6.3637	6.3637	0.985981	1.01348	1.01348	0.128469	0.285731	1.4998	0.169873	0.328028	-3.04852	0.58991	0.660452	-1.51411	0.629915	1.44796	1.44796	0.675987	0.725819	1.37775	1.69106	15.5673	8.18279	1
cg14428733	HLA-DPB1		0.235467	0.783004	0.90239	-1.10817	0.691488	0.862092	-1.15997	0.526209	0.787472	-1.26989	0.969504	1.01432	-1.01432	0.140274	0.554177	-1.80448	0.912835	1.04158	1.04158	0.711229	1.14837	1.14837	0.0354997	0.402246	-2.48604	0.0292082	0.384451	-2.60111	1.69105	3.70693	1.94851	1
cg04897742	FBLN1		0.235453	0.469154	0.836	-1.19577	0.476125	1.43844	1.43844	0.7796	1.34889	1.34889	0.0760955	1.77099	1.77099	0.0170426	1.73426	1.73426	0.653952	0.905568	-1.10434	0.440681	1.42883	1.42883	0.0127782	1.02782	1.02782	0.69881	1.03072	1.03072	0.68081	1.03072	1.69102	1.53182	0.650221	1
cg27634991	IFNGR1		0.235531	0.41728	1.63763	1.63763	0.488386	0.657806	-1.52021	0.226261	0.469522	-2.12983	0.539339	1.44742	1.44742	0.530724	1.45917	1.45917	0.209909	2.19517	2.19517	0.0665606	3.40119	3.40119	0.0538792	3.67781	3.67781	0.336602	1.80313	1.80313	1.69081	9.48121	4.98445	1
cg18735641	HCG22		0.235533	0.543789	0.888693	-1.12525	0.116171	1.38801	1.38801	0.350162	1.29557	1.29557	0.533881	1.42885	1.42885	0.130755	1.6152	1.6152	0.0725572	1.40919	1.40919	0.0764297	1.48378	1.48378	0.0307161	1.07233	1.07233	0.6808	1.08742	1.08742	1.69081	0.958942	0.51917	1
cg19.14704057	TRIM14;NANS		0.235532	0.112525	0.598186	-1.67172	0.347786	0.750116	-1.33113	0.431388	1.26979	1.26979	0.230854	0.688087	-1.4533	0.284189	0.718271	1.39223	0.236637	1.46061	1.46061	0.0687587	0.545598	-1.83285	0.206911	0.809299	0.673132	-1.48559	0.311005	0.73215	1.36584	1.6908	2.36898	1.24542	1
cg26509138	C2orf68		0.235537	0.886588	1.07742	1.07742	0.0289202	3.84138	3.84138	0.49223	1.43973	1.43973	0.907469	0.941054	-1.06264	0.689354	0.810623	-1.23362	0.0688812	0.345145	-2.89733	0.435049	1.5161	1.5161	0.603534	1.3149	1.3149	0.445269	0.665922	-1.50168	1.69078	7.311	3.84359	1
cg21879240	SAMD4A;SAMD4A		0.235538	0.353872	0.78086	-1.27965	0.224725	0.730713	-1.36853	0.0674299	0.7829729	-1.27703	0.548044	1.82467	1.82467	0.0160706	1.61335	1.61335	0.284108	0.749336	-1.33451	0.0775376	1.67152	1.67152	0.70301	1.03302	1.03302	0.77977	1.30884	1.30884	0.946757	1
cg22922242	2NF440		0.235541	0.95572	1.03389	1.03389	?	?	?	?	?	?	?	?	?	?	?	?	0.503604	1.50295	1.50295	0.198296	0.36133	-2.76755	0.529343	0.682142	-1.46597	0.238739	0.476787	-2.09737	1.69071	8.60702	5.07276	1
	CCT3;CCT3;C1or182;CCT3;CCT3;CCT3;																																	
cg18388972	CCT3		0.235541	0.470965	0.902828	-1.10763	0.0403642	1.39108	1.39108	0.0503072	1.36481	1.36481	0.7811	1.03959	1.03959	0.547634	1.08852	1.08852	0.375502	1.13517	1.13517	0.297516	1.16246	1.16246	0.277129	1.17064	1.17064	0.101604	1.28381	1.28381	1.69076	0.520291	0.273534	1
cg23024358	SORCS1;SORCS1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg12301087	MYH14;MYH14;MYH14	0.235733	0.122563	1.01543	0.367958	0.864219	-1.15711	0.917049	1.01658	1.01658	0.146079	1.27839	1.27839	0.502121	0.89834	-1.11316	0.780589	0.956892	-1.04505	0.8141225	1.47701	1.47701	0.2809945	0.840869	-1.18925	0.1721211	1.25778	1.2577	1.69	0.666493	0.350556	1
cg08952506	AOX1	0.235739	0.934932	0.969338	-1.03163	0.614686	0.823996	-1.2136	0.06289959	0.460202	-1.27296	0.0424801	2.43767	2.43767	0.674688	1.31782	1.31782	0.950228	1.02409	1.02409	0.276515	0.649411	-1.53985	0.39588	1.39321	1.39321	0.512131	0.776026	-1.28862	1.68998	3.89336	2.04782	1
cg15109418	UCRC;ZMAT5;UCRC;ZMAT5	0.235743	0.851102	0.926286	-1.07958	0.104905	2.05874	2.05874	0.119587	1.99013	1.99013	0.722578	1.15633	1.15633	0.0949345	0.47342	-2.11229	0.306349	1.53963	1.53963	0.660456	0.8351633	-1.19737	0.2238119	0.594074	-1.68329	0.45206	1.36641	1.36641	1.68996	4.44412	2.33753	1
cg11597080	RPH3AL	0.235749	0.204425	0.758097	-1.31822	0.592081	0.894058	-1.11774	0.18004	0.745474	-1.34143	0.298939	0.800827	-1.24871	0.464457	0.857631	-1.16603	0.871914	0.96726	-1.03356	0.0337707	1.66768	1.66768	0.4814468	1.15908	1.15908	0.503192	1.150471	1.15047	1.68994	1.31921	0.599213	1
cg04213845	DIP2C	0.235749	0.998057	0.999257	-1.00074	0.0356351	0.473966	-2.10986	0.369962	0.754959	-1.32458	0.702295	0.889364	-1.1244	0.770373	1.37131	1.37131	0.472637	0.800097	-1.24985	0.0984966	1.73877	0.465611	1.25445	1.25445	0.446091	0.789281	-1.26698	1.68993	2.49474	1.31221	1
cg22983786	TRIP11	0.235754	0.524584	0.812889	-1.23018	0.0898883	1.82322	1.82322	0.0612555	1.96003	1.96003	0.222649	0.59041	-1.69371	0.0995523	0.59041	-1.69371	0.47128	1.26546	1.26546	0.395393	1.32268	1.32268	0.158033	1.62401	1.62401	0.415226	0.765253	-1.30676	1.69584	2.46419	1.45387	1
cg07236367	SLC35F1	0.235754	0.341141	1.42255	1.42255	0.362628	0.714485	-1.39961	0.0851913	0.504694	-1.9814	0.131179	1.79602	1.79602	0.845705	0.932391	-1.07251	0.84767	0.933235	-1.07154	0.48521	1.29024	1.29024	0.0777795	0.4944668	-2.02237	0.5287381	1.25773	1.25773	1.68992	3.45259	1.81747	1
cg07644793	OSTC;OSTL;OSTL	0.235758	0.463839	0.808815	-1.23533	0.4239326	0.940677	-1.06359	0.1992296	1.47726	1.47726	0.166011	1.51598	1.51598	0.0653895	1.78917	1.78917	0.499265	1.2128	1.2128	0.891702	1.01906	1.01906	0.9415305	0.7912108	-1.26389	0.1134304	0.6160098	-1.62335	1.6899	2.17239	1.11375	1
cg02135245	ABR;ABR;ABR	0.235762	0.537863	0.78233	-1.27823	0.128806	0.524152	-1.90784	0.213266	0.59924	-1.66878	0.600736	2.63861	2.63861	1.23098	0.0337017	0.376788	2.65401	0.421249	1.38173	0.303912	0.30593	-3.26955	0.1418487	1.41887	1.41887	0.272728	0.638108	-1.56713	1.69888	4.14505	2.18032	1
cg06157539	MAPRE2;MAPRE2;MAPRE2;MAPRE2	0.235765	0.8702	1.0847	1.0847	0.0949291	2.57128	2.57128	0.0897534	2.62136	2.62136	0.528574	0.727004	-1.37551	0.285704	0.571951	-1.7484	?	?	?	?	?	?	0.45885	1.45839	1.45839	?	?	?	1.85402	4.60564	2.48414	1
cg23576092	BRE;BRE;BRE;BRE;BRE	0.235766	0.974312	1.092218	-1.00794	0.2162662	1.71805	1.71805	0.0841264	0.567079	-1.76342	0.845503	1.04847	1.04847	0.310609	0.7838251	-1.27548	0.427122	1.21742	1.21742	0.816262	1.0581	1.0581	0.9517708	0.8956609	-1.11656	0.44313	0.827189	-1.20891	1.68987	1.57558	0.82877	1
cg04871835	KCNQ1;KCNQ1	0.235767	?	?	?	0.536153	1.23151	1.23151	?	?	?	0.342966	1.38489	1.38489	0.0841195	1.90434	1.90434	0.196532	0.603255	-1.57927	0.466433	0.781496	-1.2796	0.21754	0.648056	-1.54308	0.329934	1.39818	1.39818	1.76399	2.34151	1.32739	1
cg07744732	SCRN1;SCRN1;SCRN1;SCRN1	0.235775	0.876032	1.0199	1.0199	0.444263	1.10947	1.10947	0.9406	0.990636	-1.00945	0.613212	1.06647	1.06647	0.905842	0.885123	-1.01505	0.969555	0.992735	-1.12338	0.0234273	1.40657	1.40657	0.5603547	0.82752	-1.20846	0.2349044	0.8545657	-1.17018	1.68983	0.6264544	0.224772	1
cg26876514	EXTL3	0.235775	0.85814	0.899931	-1.1112	0.0966814	2.92907	2.92907	0.839484	0.887347	-1.12696	0.0711224	0.304823	-3.28059	0.0624042	0.290541	-3.44185	0.770782	1.18787	1.18787	0.704362	0.7986	-1.25219	0.674262	1.28289	1.28289	0.281868	0.517339	-1.93297	1.68983	9.29453	4.88913	1
cg25075147	WIPF1	0.235778	0.179358	0.736448	-1.35787	0.239040	1.30274	1.30274	0.653737	1.10169	1.10169	0.426589	1.1902	1.1902	0.108739	0.797752	-1.25352	0.173342	0.732903	-1.36444	0.0384697	0.598279	-1.67146	0.544026	0.876587	-1.14079	0.778005	1.0625	1.0625	1.68982	1.23124	0.647665	1
cg03089650	KIF3A	0.235779	0.576225	0.70001	1.07001	0.163097	1.19648	1.19648	0.0538599	0.990533	-1.00957	0.0962154	0.775125	-1.29022	0.761299	0.964145	-1.03719	0.462659	1.09374	1.09374	0.144277	1.2068	1.2068	0.785755	1.03319	1.03319	0.0894981	1.24252	1.24252	1.68981	0.384389	0.202199	1
cg15728274	CCDC146	0.235782	0.31757	0.576486	-1.73465	0.0646825	0.330778	-3.02318	0.0896893	0.368827	-2.7113	0.194505	0.481083	-2.07864	0.0501297	0.303993	-3.28955	0.826724	1.12399	1.12399	0.0849503	0.36219	-2.76098	0.441732	0.658223	-1.51924	0.459641	0.669388	-1.4939	1.6898	7.60707	4.00156	1
cg13051028	KIAA0664	0.235783	0.221981	0.652853	-1.53179	0.0460463	0.464853	-2.15134	0.705596	0.885332	-1.13438	0.591736	0.835978	-1.1962	0.132609	0.583337	-1.71427	0.792191	1.09169	1.09169	0.084189	1.88651	1.88651	0.991702	0.9965561	-1.00345	0.6785646	0.8706097	-1.1485	1.6898	2.95387	1.55383	1
cg22634898	C1orf113;C1orf113	0.235787	0.280084	0.8966118	-1.1153	0.0774676	1.21015	1.21015	0.263288	1.15201	1.15201	0.208203	0.877865	-1.1377	0.954525	1.00556	1.00556	0.866247	0.98375	-1.01652	0.2051003	1.13876	1.13876	0.469932	0.9310648	-1.07406	0.1282511	1.17327	1.17327	1.68978	0.2527883	0.132073	1
cg10247864	HIST2H2BF;HIST2H2BF;HIST2H2BF	0.235788	?	?	?	0.0667425	3.28706	3.28706	0.291328	1.88493	1.88493	0.362481	0.581669	-1.71919	0.362405	0.583616	-1.71935	0.138139	0.396834	-2.51994	0.35121	0.573817	-1.74272	0.298394	0.535792	-1.8664	0.957649	0.969724	-1.03122	1.6957	8.0006	4.71816	1
cg02228913	MAP7;MAP7;MAP7;MAP7;MAP7;MAP7	0.235789	0.0568896	0.1685	-5.93473	0.899711	1.13309	1.13309	0.113936	0.241048	-4.14236	0.599827	0.645637	-1.54886	0.0636393	0.178475	-5.60301	0.121192	0.249382	-4.00991	0.155042	0.284319	-3.51717	0.86164	0.865738	-1.15508	0.138657	0.267823	-3.73381	1.68977	18.2792	9.61558	1
cg04315903	LGR6	0.235791	0.4666669	1.13161	1.13161	0.122286	1.32347	1.32347	0.0688841	1.11121	1.11121	0.633758	1.17236	1.17236	0.184933	0.790702	-1.03338	0.737217	0.865733	-1.15507	0.2757296	0.952397	-1.04998	0.970001	1.00576	1.00576	0.188777	0.662535	0.348521	1.68977	1.44	0.859	1
cg16679543	ZDHHC14;ZDHHC14	0.235794	0.966944	0.984734	-1.0155	0.847341	0.93095	-1.07417	?	?	?	?	?	0.396733	0.724578	-1.38011	0.106371	0.519649	1.92437	0.766577	0.895373	-1.11685	0.231612	1.59325	1.59325	0.529429	1.26682	1.26682	0.0316796	0.392559	-2.54739	1.69568	3.28991	1.94017	1
cg04337007	OTOP3	0.235798	0.453343	0.797976	-1.25317	0.0357576	0.485848	-2.05826	0.276269	0.715639	-1.39735	0.131207	0.617891	-1.61841	0.640054	0.870104	-1.14929	0.109951	0.597652	-1.67321	0.19257	0.665535	-1.50297	0.371305	0.762369	-1.3117	0.284131	1.3892	1.3892	1.68974	2.33583	1.22877	1
cg24314339	CUEDC1	0.235804	0.702477	1.09276	1.09276	0.2855	0.788714	-1.24889	0.0961448	0.748204	-1.33636	0.240143	0.77215	-1.29522	0.361299	0.964145	-1.03719	0.462659	1.09374	1.09374	0.144277	1.44543	1.44543	0.2744596	0.8922279	-1.12073	0.535648	0.805304	-1.24161	1.68972	0.673166	0.354125	1
cg06458904	EEPD1	0.235804	0.335467	1.50855	1.50859	0.251042	0.608668	-1.64293	0.290751	0.635161	-1.57441	0.0123658	0.275474	-3.63011	0.731866	0.867285	-1.15302	0.700445	1.852115	-1.17355	0.832602	1.09158	1.09158	0.809204	1.10533	1.10533	0.345518	0.66885	-1.4951	1.68971	4.58638	2.4127	1
cg14831085	PCSK6;PCSK6	0.235805	0.224379	0.398232	-2.5111	0.014094	0.11237	-8.89918	0.0535788	0.20568	-4.86191	0.488139	0.601634	-1.66214	0.677461	0.739523	-1.35222	0.581591	0.669305	-1.49409	0.979907	1.01833	1.01833	0.689328	0.748489	-1.33602	0.880717	1.11441	1.11441	1.68971	13.9275	7.32667	1
cg24726121	AGAP1;AGAP1	0.235807	0.744506	0.827352	-1.20867	0.0120261	0.162775	-6.14344	0.507565	0.67731	-1.47643	0.394547	1.65766	1.65766	0.399537	0.606627	-1.64846	0.62692	0.752848	-1.32829	0.424659	0.6234515	-1.60407	0.145186	0.403869	-2.47605	0.748071	1.20451	1.20451	1.6897	8.98913	4.72884	1
cg17068766	RAI2	0.235823	0.042886	0.2139	-4.67405	0.0126128	0.0778	-12.8504	0.0174208	0.0838797	-11.9243	0.0408734	0.239682	-4.17345	0.0140547	0.239682	-4.17345	0.113326	0.163305	-6.12404	0.0109139	0.237883	-4.20521	0.0307201	0.0960564	-10.4139	0.0242572	-41.2139	0.0960564	10.895	5.73167	1
cg21857843	LRRC61;LRRC61	0.235826	0.166112	0.675155	-1.48114	0.797128	0.933771	-1.07093	0.0257749	0.494371	-2.02277	0.103782	0.623011	-1.60511	0.104581	0.623011	-1.60511	0.0770429	0.592756	-1.68703	0.812206	1.06536	1.06536	0.635476	0.880714	-1.13544	1.69663	1.89346	0.996123	1
cg19315261	FAM53B	0.235827	0.0687284	0.36645	-2.73017	0.0577354	0.0917354	-5.62801	0.0625453	0.0402933	-6.4818	0.0157138	0.154454	-6.47555	0.0232683	0.178904	-5.59103	0.380246	0.6477	-1.54398	0.354445	0.4711	-2.12231	0.0850121	0.13887	-7.19982	0.0732125	0.0227632	0.1846	1.68966	0.5625	0.348521	1
cg04987053	SEC14L5	0.235833	0.113446	0.424773	-2.3542	0.412004	0.659052	-1.51733	0.193121	0.504299	-1.98295	0.599984	0.768714	-1.30087	0.280715	0.5727227	-1.74603	0.175229	0.24747	-4.04747	0.0502708	0.329777	-3.03235	0.617137	0.778385	-1.28471	0.149746	0.4640498	-2.15472	1.6896	6.61196	3.47851	1
cg24467387	SBNO2	0.235834	0.0303894	1.75941	1.75941	0.913437	1.02444	1.02444	0.138895	1.42428	1.42428	0.616801	1.11852	1.11852	0.108119	1.47579	1.47579	0.513596	1.15845	1.15845	0.541506	1.14708	1.14708	0.676385	1.09768	1.09768	0.177482	0.727246	-1.37465	1.68959	3.13902	0.693929	1
cg25876862	C15orf2	0.235836	0.7862446	1.09206	1.09206	0.3242	1.37434	1.37434	0.127313	1.27733	1.27733	0.144793	1.38717	1.38717	0.179934	1.61425	1.61425	0.412806	1.38717	1.38717	0.179934	1.61425	1.61425	0.412806	1.38717	1.38717	0.179934	1.61425	1.61425	0.412806	1.38717	1.38717	0.179934	1.61425	1.61425	0.412806	1.38717	1.38717	0.179934	1.61425	1.61425	0.412806	0.787349	-1.27033	0.0436305	0.387842	-2.57837	0.34959	0.499709	2.15068	1
cg15404665	DPP9	0.235838	0.142348	3.79382	3.79382	1.000796	4.57014	4.57014	0.100875	4.56824	4.56824	0.11758	4.20802	4.20802	0.233306	2.87637	2.87637	0.168811	3.45407	3.45407	0.128338	4.0137	4.0137	0.105798	4.45337	4.45337	0.0738069	3.891	5.3891	1.68958	19.1267	10.0626	1
cg25190230	DYNC1LI1	0.235839	0.897738	1.03576	1.03576	0.0326513	0.76672	-1.3026	0.400453	0.852882	-1.09543	0.269711	1.1299	1.1299	0.124766	0.8683217	-1.15182	0.884617	0.98407	-1.01674	0.8911744	1.03481	1.03481	0.1044	0.9668315	0.9668315	0.1044	0.9668315	0.9668315	0.1044	0.9668315	0.9668315	0.1044	0.9668315	0.9668315	0.1044	0.9668315	0.9668315	0.1044	0.9668315	0.9668315	0.1044	0.8040462	-1.18124	0.254419	0.3703014	0.4294504	-2.33078	0.16852	0.4154843	2.41	1
cg17035275	KCNQ1;KCNQ1	0.235839	0.554597	-1.68749	0.0112568	0.455141	0.43141	0.134917	2.95112	2.95112	0.833222	0.86798	-1.1521	0.816832	0.855741	-1.16858	0.804662	-1.18124	0.974519	1.02168	1.02168	0.724373	0.788419	-1.26836	0.83401	1.17247	-1.17247	1.68958	12.0646	6.34723	1
cg06898289	PIKAR28	0.235848	0.09979	1.25432	1.25432	0.173741	1.19939	1.19939	0.178159	1.1969	1.1969	0.973631	1.00416	1.00416	0.0119558	1.46443	1.46443	0.666392	1.056	1.056	0.649716	1.05912	1.05912	0.233246	1.17002	1.17002	0.444211	1.10295	1.10295	1.68954	0.422318	0.222187	1
cg21580089	LNX1;LNX1	0.235849	0.182257	1.37319	-1.36919	0.0336513	0.784372	-1.3526	0.0614384	1.2656	1.2656	0.0512462	1.08647	1.08647	0.502299	0.598401	-1.67139	0.294939	0.448718	-2.26902	0.0833779	0.15372	-6.50533	0.0466784	0.179394	-5.57431	0.457963	0.565457	-1.76844	1.6895	15.2259	8.01056	1
cg23106453	GABBR1;GABBR1	0.235853	0.207156	0.370393	-2.69984	0.0581883	0.94551	-1.0451	0.0621367	3.26771	3.26771	0.434814	1.81292	1.81292	0.323106	0.466802	-2.14182	0.919115	0.926967	-1.07879	0.483002	0.587261	-1.70282	0.470006	0.582837	-1.71575	0.279015	0.42904	-2.33078	1.68952	3.14158	7.8475	1
cg08202112	UBE2K;UBE2K;UBE2K	0.235854	0.884936	0.943039	-1.06009	0.352392	0.604913	-1.65351	0.0619067	0.458258	0.458258	0.0619067	2.18258	2.18258	0.699724	0.984993	-1.01527	0.748426	-1.33614	0.4854148	0.8090222	-1.2111	0.343434	0.2910553	0.4852349	-2.06022	0.1445	0.2088552	0.1445	1.68951	0.0766366	0.0145125	1
cg22053452	RASGRP3;RASGRP3	0.235854	0.0356379	0.483234	-2.06939	0.554806	0.837234	-1.19441	0.6079558	1.16635	1.16635	0.539062	0.831152	-1.20315	0.430509	0.787183	-1.27035	0.284998	0.463613	-2.15697	0.399647	0.77382	-1.29229	0.531248	1.20757	1.20757	0.917599	0.969693	-1.03125	1.68952	2.35661	1.24507	1
cg10448800	OTOP	0.235857	0.340696	1.34796	1.34796	0.284203	1.42442	1.42442	0.283857	1.75468	1.75468	0.0911482	1.30626	1.30626	0.274846	1.58777	1.58777	0.352951	1.27278	1.27278	0.1983385	1.20245	1.20245	0.504088	1.1445	1.1445	0.784607	1.07058	1.07058	1.68951	0.715547	0.761281	1
cg22386219	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.235864	0.919433	0.949674	-1.05299	0.192948	2.0202	2.0202	0.0160107	0.50353	0.50353	0.965959	1.02202	1.02202	0.279306	0.532105	1.87933	0.390874	1.56227	1.56227	0.79055	0.861347	1.16097	0.304948	1.71976	1.71976	0.909917	1.01947	1.01947	1.68948	0.96973	0.667011	1
cg15723874	MEF2D	0.235868	0.611642	1.27922	1.27922	0.00946952	4.8566	4.8566	0.0996656	2.38174	2.38174	0.931173	0.959306	-1.04242	0.564663	1.32315	1.32315	0.716572	1.19166	1.19166	0.354213	1.58155	1.58155	0.993578	0.996137	-1.00388	0.842746	0.908895	-1.10024	1.68946	6.18899	3.25626	1
cg03964047	ACBD3	0.235874	0.0899882	0.619751	-1.61403	0.184852	1.2002	1.2002	0.0886128	0.778782	-1.28444	0.0604704	0.983872	-1.01705	0.0166184	0.767175	-1.30303	0.767968	0.988503	-1.01177	0.9178768	1.01257	1.01257	0.8127657	0.9707882	-1.03019	0.8814257	0.8534778	-1.17168	0.8839314	1.02895	1.02895	0.7316	0.537344	1
cg03217679	COX18	0.235875	0.765742	0.916852	-1.09069	0.819988	1.06846	1.06846	0.806508	1.0739	1.0739	0.0187018	0.436941	-2.28864	0.116945	0.609686	-1.64019	0.872125	0.954279	-1.04791	0.090553	0.581708	-1.71907	0.722345	0.901536	-1.10922	0.649877	1.14199	1.14199	1.68943	2.25847	1.18828	1
cg02026312	GA9BE	0.235878	0.720249	0.827307	-1.21252	0.765447	0.67358	-1.47552	0.107429	0.390037	-2.56386	0.0666015	0.332146	-3.01072	0.109926	0.393992	-2.53839	0.828674	1.1141	1.1141	0.8810569	0.335473	-2.81918	0.0924787	0.332419	-3.00863	0.0798228	0.542499	-1.84332	1.68942	3.01987	4.04234	1
cg02741829	MAP3K15	0.235886	0.571034	0.707621	-1.41339	0.795839	0.526028	1.90045	0.0956596	0.304084	-3.28856	0.96547	0.290139	-3.44696	0.0257975	0.202093	-4.94821	0.394878	1.66277	1.66277	0.2341769	0.470249	-2.12202	0.8019447	0.8925148	1.16394	0.242779	0.386168	-2.58956	1.68939	9.76258	5.13668	1
cg04053969	ZBTB7A	0.235887	0.804369	0.958971	-1.04278	0.1583	2.90493	2.90493	0.0619045	1.42603	1.42603	0.121653	1.72576	1.72576	0.118619	1.33105	1.33105	0.951459	0.989776	-1.01033	0.6043131	1.42098	1.42098	0.586365	0.911427	-1.09718	0.382031	1.16339	1.16339	1.68938	0.762424	0.401158	1
cg03857553	NIPSNAP3	0.235884	0.0736155	1.45559	1.45559	0.324234	1.95514	1.95514	0.0645955	1.4995	1.4995	0.181651	0.899193	-1.1122	0.0994966	0.892401	-1.12051	0.614664	1.09624	1.09624	0.4952124	0.76212	1.31126	0.0225	0.4882605	2.04805	0.0272599	-1.37476	0.2254997	1.67217	1.68926	0.2003	0.13945	1
cg07719492	PRDM14	0.235894	0.834066	1.29155	1.29155	0.41014	2.79347	2.79347	0.183088	5.60067	5.60067	0.191739	0.185351	-5.39517	0.996168	0.99416	-1.00587	0.417453	0.363995	-2.74729	0.724778	1.53899	1.53899	0.0189067	0.24089	0.24089	0.822985	1.34125	1.34125	1.68936	39.7978	20.9404	1
cg24614398	GSTCD;NTS12;INTS12;GSTCD	0.235898	0.0387898	0.647999	-1.17925	0.777216	1.05283	1.05283	0.210664	1.74587	1.74587	0.816002	0.95858	-1.04321	0.0338317	1.56783	1.56783	0.244907	1.24437	1.24437	0.169819	0.905155	-1.10463	0.6918473	0.8650574	-1.15572	0.982189	0.977934	-1.02256	0.834104	0.881255	0.463693	1
cg01817885	PDE4D;PDE4D	0.235897	0.426005	0.744334	-1.34348	0.268207	0.657648	-1.52057	0.0487347	0.441467	-2.26536	0.141165	0.562801	-1.77683	0.301125	0.67762	-1.47575	0.174861	0.592052	-1.68904	0.610705	0.829869	-1.20501	0.187567	0.68058	-1.46958	0.565433	1.23499	1.23499	1.68934	3.53021	1.85751	1
cg20584712	BAT2	0.235898	0.469988	0.747439	-1.3379	0.288094	0.646105	-1.54774	0.802386	0.905461	-1.10441	0.0979795	0.487284	-2.05219	0.109152	0.500639	-1.99745	0.0627953	0.436434	-2.2913	0.0361708	0.38104	-2.6244	0.944515	0.972811	-1.02795	0.197202	0.582799	-1.71586	1.68934	4.19662	2.20816	1
cg03959306	PINCC2;PINCC2	0.235899	0.545837	1.25	1.25	0.161874	0.516166	1.93737	0.0310187	0.53683	1.86283	0.0760754	0.515598	1.93949	0.0316435	0.525585	1.90264	0.746499	1.33982	1.33982	0.6893193	0.525585	1.90264	0.4460994	1.13982	1.13982	0.6893193	0.525585	1.90264	0.4460994	1.13982	1.13982	0.6893193	0.525585	1.90264	0.4460994	1.13982	1.13982	0.6893193	0.525585	1.90264	0.4460994	0.8853478	-1.12916	0.1134545	0.4193828	0.4719228	-2.11904	0.1904	1
cg00663832	KIAA1949;KIAA1949	0.2359	0.69571	0.86591	-1.15485	0.98713	0.99411	-1.00593	0.554452	0.805131	-1.24203	0.925252	1.03497	1.03497	0.581925	0.815723	-1.22591	0.49208	1.29121	1.29121	0.1002404	1.91756	1.91756	0.112896	1.88146	1.88146	0.893933	1.88146	1.88146	0.893933	0.589665	1.88879	1
cg14315341	NEDD1;NEDD1;NEDD1;NEDD1	0.2359	0.71071	0.907208	-1.10218	0.5128	0.976459	-1.02441	0.7125252	0.870152	-1.14909672	0.7125252	0.870152	-1.14909672	0.7125252	0.870152	-1.14909672	0.915464	0.972654	-1.02818	0.7125252	0.870152	-1.14909672	0.7125252	0.870152	-1.14909672	0.7125252	0.870152	-1.14909672	0.7125252	0.870152	-1.14909672	0.7125252	0.870152	-1.14909672	0.7125252	0.870152	-1.14909672	0.7125252	0.870152	-1.14909672	0.8483111	-1.17911	0.1126833	0.4275172	0.4719228	-2.11904	0.1904	1
cg12576332	LOC440189	0.235904	0.17471	1.49893	1.49892	0.973604	1.00932	1.00932	0.0914671	0.593876	-1.68385	0.142553	0.642793	-1.55571	0.30739	0.743601	-1.34481	0.275192	1.37478	1.37478	0.590777	1.16439	1.16439	0.145921	0.64552	-1.54914	0.783253	1.08038	1.08038	1.68932	2.10325	1.10669	1
cg01092528	NAA40;NAA40	0.235908	0.415385	0.798248	-1.25274	0.702938	1.10928	1.10928	0.701893	1.10971	1.10971	0.720067	0.907186	-1.10231	0.963618	0.987729	-1.01242	0.834658	0.944995	-1.05821	0.0110909	0.428116	-2.33528	0.0825384	0.594222	-1.68287	0.998241	0.999404	-1.0006	1.6893	1.96025	1.03146	1
cg07238833	RIPPLY2	0.235914	0.1406	0.6264	-1.59605	0.247151	1.3307	1.3307	0.15172	1.1861	1.1861	0.0814411

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ch.3.130235101F	PIK3C2	0.236138	0.0870387	0.729279	-1.37916	0.178108	0.783939	-1.27561	0.0568387	0.659326	-1.44295	0.334134	0.844117	-1.16467	0.197277	0.793044	-1.26096	0.639391	0.922855	-1.08359	0.0383002	0.664713	-1.50441	0.126676	0.754982	-1.32453	0.437335	0.873901	-1.14429	1.68839	0.7738808	0.407436	1
gi07706471	HIP1R	0.23614	0.317909	0.599904	-1.66693	0.110171	2.36736	2.36736	0.153212	2.13197	2.13197	0.228855	1.86837	1.86837	0.762723	0.860817	-1.16169	?	?	?	0.1044147	0.415032	-2.40946	0.56099	1.33166	1.33166	0.659281	1.249561	1.249561	1.69427	5.843663	3.449406	1
gi05666055	C12orf77	0.23614	0.0503894	0.466115	-2.14539	0.549161	0.812656	-1.23053	0.0571678	0.478789	-2.0886	0.331949	0.709937	-1.40858	0.0756255	0.508207	-1.9677	0.822828	0.926116	-1.07978	0.179067	0.613535	-1.6299	0.0846241	0.520588	-1.92091	0.65848	0.858774	-1.16445	1.68838	3.13218	1.64912	1
gi16281758	CSMD2;CSMD3;CSMD3	0.236142	0.379093	0.667133	-1.49895	0.0184723	0.277525	-3.60327	0.167031	0.536446	-1.93631	0.494211	1.36534	1.36534	0.153535	0.503809	-1.98468	0.493776	0.732183	-1.36578	0.711235	1.18151	1.18151	0.487739	0.729888	-1.37195	0.649542	1.22778	1.22778	1.68837	5.3804	2.83266	1
gi09570535	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.236142	0.637282	1.13425	1.13425	0.166159	1.4794	1.4794	0.0293138	1.97573	1.97573	0.802611	1.60869	1.60869	0.786175	1.07479	1.07479	0.07348	1.69777	1.69777	0.551647	1.87325	-1.17321	1.103197	1.58498	1.58498	0.320639	1.31282	1.31282	1.68837	1.88123	0.990427	1
gi20661893	C13orf18	0.236144	0.445439	0.754433	-1.3255	0.102947	1.90848	1.90848	0.995835	1.00189	1.00189	0.981636	0.991696	-1.00817	0.240663	0.640481	-1.56052	0.375511	0.719286	-1.39027	0.428436	0.746116	-1.34027	0.0478374	2.26973	2.26973	0.33784	0.699107	-1.4304	1.68836	3.509548	1.84767	1
gi13123866	PIR12	0.236147	0.581363	0.844556	-1.18405	0.3370331	0.740618	-1.35022	0.872173	0.952326	-1.05006	0.104266	1.71387	1.71387	0.24447	0.691169	-1.44682	0.0505699	0.508702	-1.96579	0.545618	1.20387	1.20387	0.260142	1.42806	1.42806	0.624147	1.16161	1.16161	1.68835	2.46078	1.29556	1
gi26215680	CAMTA1	0.236147	0.113814	0.537358	-1.86873	0.834477	1.12379	1.12379	0.687257	1.36081	1.36081	0.358158	0.558259	-1.85784	0.076641	0.279016	-3.63615	0.969613	1.02529	1.02529	0.0697707	0.26459	-3.7943	0.0555367	0.24114	-4.14097	0.478782	0.623747	-1.60321	1.68835	11.4902	6.04943	1
gi25008263	FOXN3;FOXN3	0.236215	0.293278	0.489007	-2.04949	0.365008	1.84184	1.84184	0.154179	2.45984	2.45984	0.960742	1.068217	1.068217	0.613769	1.026731	-1.03283	0.947234	1.04827	1.04827	0.36065	1.681771	-1.46677	0.677112	0.759737	-1.31624	0.0454827	0.221977	-4.50497	1.68834	11.5133	6.06159	1
gi15010079	PRDM11	0.236152	0.0141007	3.62655	3.62655	0.287251	1.59973	1.59973	0.513096	1.32582	1.32582	0.183835	1.82123	1.82123	0.0946782	2.18360	2.18360	0.514682	1.32437	1.32437	0.63547	1.22513	1.22513	0.233811	1.70018	1.70018	0.149165	1.9304	1.9304	1.68833	4.83437	2.54525	1
gi07202092	MAP1A	0.236158	0.761973	0.13652	1.13652	0.270186	1.31779	1.31779	0.121975	0.640365	0.883625	-1.56077	0.224615	0.217424	0.588888	-1.72745	0.578	0.591206	0.96428	-1.03704	0.102705	0.914554	1.11885	1.11885	0.864426	1.07638	0.560188	0.780236	1.28166	1.68831	4.74519	2.49383	1
gi06136883	ZNF25	0.236159	0.582333	1.26091	1.26091	0.529743	0.793725	-1.25988	0.540944	0.79883	-1.25183	0.03161	0.327054	0.28545	0.147862	1.47862	1.47862	0.772447	1.11096	1.11096	0.637675	1.18785	1.18785	0.257797	0.651465	-1.535	0.999952	0.999978	-1.00002	1.6883	3.5213	1.85396	1
gi07723472	BRD4;BRD4	0.236162	0.0884499	0.407356	-2.45498	0.442862	0.688039	-1.4533	0.319525	0.841733	-1.18803	0.98644	1.008635	1.008635	0.0262306	0.283824	-3.52331	0.731767	1.17869	1.17869	0.52198	1.36208	1.36208	0.0860957	0.404075	-2.47479	0.621806	0.788536	-1.26817	1.68829	6.10431	3.21393	1
gi17515621	AHSG	0.236163	0.195725	-2.54551	-2.92909	0.0281294	0.0747768	-13.3731	0.0449666	0.100143	-9.98572	0.664941	0.645752	-1.54619	0.189961	0.249494	4.00812	0.232419	0.32582	-3.4987	0.163931	0.226388	-4.41723	0.2378	0.290335	-3.4443	0.692371	0.67187	-1.48838	1.68829	26.7435	14.0805	1
gi05321361	IRX2;IRX2	0.236165	0.180809	0.497407	-2.08591	0.0935367	0.385069	-2.59694	0.206607	0.50197	-1.99215	0.873602	0.920927	-1.08586	0.289874	0.56644	-1.76541	0.473767	1.45786	1.45786	0.419116	1.53288	1.53288	0.392049	0.639853	-1.56286	0.106573	2.48862	2.48862	1.68828	7.15825	3.76886	1
gi19590663	DLG2;DLG2	0.236175	0.595896	0.91883	-1.08834	0.454792	0.8883	-1.12575	0.757944	0.953046	-1.04937	0.0436926	1.4344	1.4344	0.847478	0.970487	-1.03091	0.359394	1.1592	1.1592	0.659859	0.933417	-1.07133	0.388767	1.18688	1.18688	0.0459999	1.42729	1.42729	1.68828	6.647172	3.94074	1
gi27408887	MYU3	0.236176	0.888641	0.945733	-1.05738	0.32561	1.49811	1.49811	0.700135	0.857173	-1.16663	0.85045	1.07806	1.07806	0.808475	1.10154	1.10154	0.297551	0.65047	-1.53735	0.0337706	0.372614	-2.68374	0.791945	1.11102	1.11102	0.0680178	2.2567	2.2567	1.68825	4.24046	2.23266	1
gi12699080	TPNP1	0.236178	0.19315	0.769707	-1.3092	0.0359176	1.59023	1.59023	0.692454	0.927234	-1.07849	0.44723	1.15863	1.15863	0.878374	0.971313	-1.02953	0.0752755	1.45708	1.45708	0.997987	1.00048	1.00048	0.347347	1.25847	1.25847	0.859455	1.03426	1.03426	1.68825	0.960936	0.50858	1
gi04571129	TTC15	0.236262	0.195262	0.964522	-1.03681	0.111785	1.40418	1.40418	0.120082	1.3917	1.3917	0.0948687	1.04867	1.04867	0.160802	0.708135	-1.41216	0.600217	1.10928	1.10928	0.763489	1.07945	1.05277	0.828529	0.958376	-1.04343	0.191666	1.31172	1.31172	1.68825	1.020296	0.540867	1
gi10182199	NOX4;NOX4;NOX4;NOX4	0.236174	0.510287	0.863576	-1.15798	0.00667807	0.461689	-2.16596	0.580244	0.884546	-1.13052	0.549446	0.875448	-1.14227	0.365614	0.815338	-1.22648	0.221349	0.754025	-1.32622	0.643153	0.902609	-1.1079	0.255688	0.770588	-1.29771	0.133654	0.803316	-1.24484	1.6824	1.2897	0.67905	1
gi08486602	CCDC144NL;CCDC144NL	0.236185	0.0742488	0.315566	3.16566	0.128347	1.78136	1.78136	0.131994	0.527234	-1.07849	0.44723	1.15863	1.15863	0.878374	0.971313	-1.02953	0.0752755	1.45708	1.45708	0.997987	1.00048	1.00048	0.347347	1.25847	1.25847	0.859455	1.03426	1.03426	1.68825	0.960936	0.50858	1
gi26990980	TRNP1	0.236186	0.0282771	-1.60256	1.60256	0.040996	1.01357	0.571005	0.900988	-1.1099	0.832199	1.03939	1.03939	1.03939	0.160629	1.760965	1.31412	0.323218	0.830432	-1.20419	0.268149	1.23373	1.23373	0.563084	1.84971	1.84971	0.0178447	2.44597	2.44597	1.68824	6.647172	4.04074	1
gi04571129	TTC15	0.236262	0.195262	0.964522	-1.03681	0.111785	1.40418	1.40418	0.120082	1.3917	1.3917	0.0948687	1.04867	1.04867	0.160802	0.708135	-1.41216	0.600217	1.10928	1.10928	0.763489	1.07945	1.05277	0.828529	0.958376	-1.04343	0.191666	1.31172	1.31172	1.68825	1.020296	0.540867	1
gi10182199	NOX4;NOX4;NOX4;NOX4	0.236174	0.510287	0.863576	-1.15798	0.00667807	0.461689	-2.16596	0.580244	0.884546	-1.13052	0.549446	0.875448	-1.14227	0.365614	0.815338	-1.22648	0.221349	0.754025	-1.32622	0.643153	0.902609	-1.1079	0.255688	0.770588	-1.29771	0.133654	0.803316	-1.24484	1.6824	1.2897	0.67905	1
gi08486602	CCDC144NL;CCDC144NL	0.236185	0.0742488	0.315566	3.16566	0.128347	1.78136	1.78136	0.131994	0.527234	-1.07849	0.44723	1.15863	1.15863	0.878374	0.971313	-1.02953	0.0752755	1.45708	1.45708	0.997987	1.00048	1.00048	0.347347	1.25847	1.25847	0.859455	1.03426	1.03426	1.68825	0.960936	0.50858	1
gi27715398	KIAA1370	0.236178	0.221391	1.35075	1.35075	0.13792	0.688205	-1.45305	0.597164	0.882717	-1.13287	0.282852	0.770272	-1.29824	0.385735	0.812213	1.2312	0.110756	1.50149	1.50149	0.688293	1.09892	1.09892	0.302029	1.28415	1.28415	0.176889	0.714801	-1.39899	1.68823	1.46287	0.770234	1
gi34663490	HIST1H2AL	0.23618	0.227798	2.46461	2.46461	0.800106	0.83569	-1.19662	0.174183	2.80707	2.80707	0.960068	0.965209	-1.03604	?	?	?	0.0299831	0.156799	-6.3776	0.872799	0.892855	-1.12	0.331924	0.491001	-2.03665	0.795496	0.832143	-1.20172	1.75626	12.106	6.03143	1
gi09272794	CADPS2;CADPS2;CADPS2;CADPS2;CAD	0.236181	0.288995	1.09576	1.09576	0.24011	0.902858	-1.10759	0.303429	0.915248	-1.0926	0.257578	0.906504	-1.10314	0.814803	0.980694	-1.01969	0.140556	1.14078	1.14078	0.142144	1.14009	1.14009	0.180487	1.12542	1.12542	0.451067	0.938195	-1.06588	1.68821	0.184564	0.097178	1
gi05963853	MGEA5;MGEA5	0.236185	0.226407	1.21893	1.21893	0.213375	0.813219	-1.22968	0.106608	1.33667	1.33667	0.188716	0.795047	-1.25705	0.0795947	1.26078	-1.03951	0.108305	0.749852	-1.3336	0.420311	1.14523	1.14523	0.378166	0.863637	-1.16058	0.917535	0.983087	-1.0172	1.6882	0.725264	0.381874	1
gi00202760	CDT1	0.236188	0.196475	0.717845	-1.39306	0.307647	0.773891	-1.29217	0.601427	0.879919	-1.13647	0.742765	1.08322	1.08322	0.212269	0.726943	-1.37562	0.0512533	0.583459	-1.71392	0.0280816	0.532775	-1.87696	0.157751	0.693063	-1.44287	0.596609	0.878399	-1.13844	1.6819	1.57527	0.829433	1
gi08458602	CCDC144NL;CCDC144NL	0.236197	0.421284	1.31566	1.31566	0.128347	1.78136	1.78136	0.131994	0.527234	-1.07849	0.44723	1.15863	1.15863	0.878374	0.971313	-1.02953	0.0752755	1.45708	1.45708	0.997987	1.00048	1.00048	0.347347	1.25847	1.25847	0.859455	1.03426	1.03426	1.68825	0.960936	0.50858	1
gi08490115	KCNA4	0.236201	0.0282771	-1.60256	1.60256	0.040996	1.01357	0.571005	0.900988	-1.1099	0.832199	1.03939	1.03939	1.03939	0.160629	1.760965	1.31412	0.323218	0.830432	-1.20419	0.268149	1.23373	1.23373	0.563084	1.84971	1.84971	0.0178447	2.44597	2.44597	1.68824	6.647172	4.04074	1
gi11887833	MYH1	0.236207	0.19086	2.6292	2.6292	0.0333308	5.67375	5.67375	0.932156	1.06123	1.06123	0.760579	1.23777	1.23777	0.516035	0.631528	-1.58346	0.804686	1.18878	1.18878	0.104503	0.289821	-3.4504	0.248441	2.32111	2.32111	0.53765	1.54587	1.54587	1.68811	13.0233	6.85755	1
gi14170756	C1orf89	0.23621	0.48705	1.2089	1.2089	0.0170116	1.12253	1.12253	0.175004	1.47335	1.47335	0.167798	1.19773	1.19773	0.504632	0.835407	-1.18392	0.1205072	1.52313	1.52313	0.184653	0.685225	-1.45937	0.598622	1.51372	1.51372	0.115339	0.155011	6.560623	6.560623	1.68811	248.559	1.50994	0.61613	1
gi03984209	ERC2 GABRA1;GABRA1;GABRA1;GABRA1;GA	0.236222	0.107745	0.350983	-2.84914	0.325179	0.545503	-1.83317	0.100414	0.341776	-2.92589	0.048337	0.263292	-3.79806	0.059074	0.280413	-3.56617	0.383744	0.586968	-1.70367	0.677766	0.779376	-1.28308	0.685699	0.784504	-1.27469	0.088067	0.32535	-3.07362	1.68805	9.51362	5.00966	1
gi05044431	BRA1;GABRA1;GABRA1	0.236224	0.23461	0.634732	-1.57547	0.306208	1.47184	1.47184	0.103035	1.91687	1.91687	0.308024	0.680474	-1.46956	0.166591	0.58386	-1.71274	0.84114	0.929396	-1.07597	0.0704208	0.478178	-2.09127	0.870903	1.06114	1.06114	0.919651	1.0375	1.0375	1.68804	3.55881	1.874	1
gi19160433	AUTS2;AUTS2	0.236225	0.721258	1.11125	1.11125	0.0198486	0.4369	-2.28885	0.60101	0.855765	-1.16854	0.337541	1.33793	1.33793	0.607565	0.858536	-1.16477	0.330257	1.34424	1.34424	0.362783	1.31708	1.31708	0.897543	1.01866	1.01866	0.236397	0.693975	-1.44097	1.68804	2.31799	1.22061	1
gi14573094	GAUN712	0.236225	0.714994	1.19109	1.19109	0.213133	12.7269	12.7269	0.0614443	6.5081	6.5081	0.611812	1.50943	1.50943	0.813722	0.95107	-1.05134	0.392644	2.0229	2.0229	0.449231	1.05256	1.05256	0.607668	1.51682	1.51682	0.683872	1.39007	1.39007	1.68804	17.304	9.11197	1
gi16638540	S	0.236225	0.046488	0.676463	-1.47828	0.448831	1.14145	1.14145	0.379594	1.16708	1.16708	0.941019	0.987396	-1.01277	0.878958	1.02647	1.02647	0.569098	0.906065	-1.10367	0.0426878	0.670349	-1.49176	0.264038	0.819086	-1.22087	0.754003	1.05536	1.05536	1.68804	0.785564	0.413663	1
gi23517605	TUBB2B	0.236228	0.315611	0.73346	-1.3634	0.144744	0.626289	-1.59671	0.865209	1.05207	0.285045	0.720059	-1.38877	0.576238	0.847775	-1.18375	0.47216	1.24418	1.24418	0.230132	0.443851	-2.25301	0.0974606	0.580771	-1.72185	0.368792	0.758989	-1.31754	1.68803	2.38608	1.25648	1
gi15706156	GABRQ	0.236238	0.0692927	0.057532	-17.3816	0.322329	0.242075	-4.13094	?	?	0.0988697	12.6078	12.6078	0.735627	1.59703	1.59703	0.172668	0.132249	-7.56152	0.473506	0.364551	-2.7431	0.486493	2.66066	2.66066	0.783529	0.683626	-1.46279	1.756	46.1288	22.9855	1
gi20786256	C6orf147	0.236238	0.706003	1.18949	1.18949	0.570116	1.6955	1.6955	0.0874574	2.30553	1.35076	1.35076	0.0204437	0.558358	1.87755	0.720988	1.32639	0.113499	1.57842	1.57842	0.0139809	0.634672	-1.57641	0.0956006	0.634672	-1.57641	0.0956006	0.634672	-1.57641	0.0956006	1.68803	4.13061	1
gi08133930	VSIG10 BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.236242	0.397625	1.16132	1.16132	0.855353	0.03201	1.03201	0.230818	1.23792	1.23792	0.147471	1.30786	1.30786	0.0301242	1.55279	1.55279	0.779441	1.04967	1.04967	0.914593	0.981645	-1.0187	0.173936	0.778969	-1.28375	0.210631	1.25581	1.68797	0.797165	0.419788	1
gi09209689	4	0.236249	0.273277	2.25206	2.25206	0.304272	2.13311	2.13311	0.176264	0.359244	-2.78363	0.460929	1.82957	1.82957	0.327055	2.05533	2.05533	0.124168	3.27234	3.27234	0.0787236	4.01617	4.01617	0.356164	1.96559	1.96559	0.0809089	3.96749	3.96749	1.68794	13.5544	7.13788	1
gi02449981	TACC2;TACC2	0.236256	0.394374	0.842656	-1.18679	0.0884155	1.05085	1.05085	0.945476	0.984256	-1.01599	0.452154	0.860568	-1.16202	0.0615278	0.674389	-1.48249	0.541157	1.12906	1.12906	0.611485	0.731656	-1.40517	0.0152668	1.17298	1.17298	0.0113551	0.852923	1.28038	1.28038	1.68793	2.98159	1.56994	1
gi04421782	C15orf48;C15orf48	0.236261	0.308642	0.729135	-1.37158	0.956701	0.986742	-1.01344	0.641339	0.645153	-1.54615	0.0476341	0.745071	-1.34167	0.0417284	0.807284	-1.23872	0.644437	0.891735	-1.12141	0.2628977	0.81233	-1.23133	0.0953771	1.56891	1.56891	0.60918	0.880953	1.13513	1.6879	0.915134	0.850676	1
gi16370685	SETDB1;SETDB1;SETDB1	0.236262	0.751475	0.840113	-1.19002	0.115643	0.386906	-2.58461	0.82995	1.12514	1.12514	?	?	?	0.0947883	2.77656	2.77656	?	?	?	0.43107	0.642864	-1.55554	0.101488	0.369111	-2.70921	0.599789	0.747834	-1.3372	1.76173	6.38146	3.62227	1
gi03805279	CNR1;CNR1;CNR1;CNR1	0.236265	0.89519	0.908361	1.10088	0.529443	1.5904	1.5904	0.299934	2.18875	2.18875	0.820535	0.847305	-1.18021	0.240638	0.408272	-2.44932	0.73916	0.783745	-1.27593	0.0125347	0.103872	-9.62722	0.536496	0.485472	-2.05985	0.999117	0.999193	-1.00081	1.68788	14.2148	7.48598	1
gi12232463	LONRF2	0.236269	0.164191	0.271793	-3.67927	0.538549	1.72719	1.72719	0.324284	2.44341	2.44341	0.709479	1.3888	1.3888	0.103727	0.209818	-4.76604	0.641439	0.679262	-1.47219	0.0332588	0.112593	-8.88152	0.920737	0.916156	-1.09128	0.31366	0.400691	-2.49569	1.68786	20.5902	10.8435	1
gi16529592	RUNX3	0.236271	0.215157	0.729555	-1.38258	0.83579	0.949326	-1.05316	0.234934	0.732972	-1.36431	0.31052	0.760633	-1.29132	0.124079	1.51523	1.51523	0.83857	0.950373	-1.05212	0.103989	1.55827	1.55827	0.28267	0.756842	-1.32128	0.415119	0.732266	-1.36578	1.68786	5.56449	2.97683	1
gi05293407	TRIM27	0.236272	0.0839179	-2.7247	2.7247	0.235617	0.86127	-1.16107	0.0881774	0.68374	1.10289	1.10289	0.680788	1.05096	1.05096	0.312316	1.31381	1.31381	0.668931	1.05041	1.05041	0.0316491	1.49411	1.49411	1.21523	1.21523	0.701695	1.49733	1.49733	0.0316491	1.49411	1.34616	1.68785	0.385945	0.203254	1
gi14373988	PEX10;PEX10	0.236287	0.104787	1.55786	1.55786	0.0226952	1.97799	1.97799	0.306814	1.30285	1.30285	0.46892	1.20233	1.20233	0.657639	1.11799	1.11799	0.452007	0.825634	-1.21119	0.203557	1.39877	1.39877	0.190675	1.0688	1.0688	0.468653	0.831624	-1.20247	1.68779	1.67152	0.880317	1
gi26937148	NR2F1;NR2F1	0.236287	0.787832	0.859981	-1.16295	0.4139	1.73277	1.73277	0.0324124	0.642997	1.40005	1.40005	0.0306052	0.713906	1.40005	0.0306052	0.713906	0.237934	1.40805	1.40805	0.13002	0.288621	-3.46467	0.0478337	1.30103	1.30103	0.0306052	0.713906	1.30103	1.30103	0.0306052	0.713906	1.22148	0.643302	1.68777	1.22148	0.643302	1
gi08282945	FLT3LG	0.236291	0.883578	1.02129	1.02129	0.0523252	1.37348	1.37348	0.0551281	1.36709	1.36709	0.116305	1.27815	1.27815	0.929029	1.01289	1.01289	0.575326	1.0848	1.0848	0.391858	0.881483	-1.13445	0.801734	1.03684	1.03684	0.135137	1.26063	1.26063	1.68778	0.552758	0.291117	1
gi22080033	IST2	0.236294	0.644079	0.798111	-1.25296	0.0185975	0.249846	-4.00246	0.366398	0.636994	-1.56995	0.166502	2.04835	2.04835	0.359749	0.654419	-1.52842	0.978674	0.987091	-1.01308	0.859388	1.08964	1.08964	0.642172	0.802953	-1.24544	0.943965	1.60615	1.60615	1.68776	0.83521	0.33261	1
gi24971162	LOC154822	0.236295	0.0629327	1.84958	-5.40664	0.17609	0.313396	-3.19086	0.739144	?	?	?	0.0947883	2.77656	2.77656	0.150157	1.288138	3.47055	0.164598	1.62922	1.628993	0.24416	-4.09568	0.259964	1.384214	-2.60272	1.68776	17.3932	9.16044	1
gi14146620	HS6ST1 NCRNA00188;NCRNA00188;NCRNA001	0.236297	0.808701	1.06442	1.06442	0.031092	3.45701	3.45701	0.0535446	2.92926	2.92926	0.817728	1.11981	1.11981	0.321159	0.605056	-1.65274	0.681873	1.22389	1.22389	0.852216	0.912639	-1.09572	0.324257	1.6471	1.6471	0.504679	0.717598	-1.39354	1.68775	6.42281	3.3827	1
gi10254974	88;NCRNA00188;NCRNA00188	0.236307	0.682406	1.27221	1.27221	0.102768	2.93777	2.93777	0.0415162	4.25461	4.25461	0.985607	1.01059	1.01059	0.558369	1.41492	1.41492	?	?	?	0.153488	0.400449	-2.4972	0.587907	1.378	1.378	0.365096	1.73127	1.73127	1.8416	8.42208	3.42994	1
gi06370947	ZNF37A;ZNF37A	0.236308	0.23683	0.588511	-1.69962	0.520562	0.380545	-2.5737	0.588741	0.791765	-1.263	0.0855225	0.108137	0.108137	0.112176	0.487915	-2.04954	0.0953591	0.456683	-2.1897	0.0496513	0.383695	-2.60624	0.201969	0.561974	-1.77944	0.738652	0.866557	-1.15399	1.68771	4.8907	2.57586	1
gi24701780	PTPRN2;PTPRN2;PTPRN2	0.236312	0.101597	2.02795	2.02795	0.0167709	1.57455	1.57455	0.0552227	1.65522	1.65522	0.777157	1.10272	1.10272	0.460969	1.25744	1.25744	0.263817	1.27284	1.27284	0.140969	1.74547	1.74547	0.121211	0.458827	-2.1016	0.264017	1.73998	0.490841	0.716606	1.39547	1.42769	1.06044	1.53495	1.68771	1.42769	1.06044	1.53495	1
gi20694545	DLG2;DLG2;DLG2;DLG2	0.236314	0.977278	1.00846	1.00846	0.0172454	0.424072	-2.35809	0.334646	0.745121	-1.34206	0.319314	0.737636	-1.35568	0.960243	1.01485	1.01485	0.0767454	0.558759	-1.78968	0.418475	1.27692	1.27692	0.894628	0.961575	-1.03996	0.736744	0.905053	-1.10491	1.68769	2.33687	1.23081	1
gi12652780	PPFIA1;PPFIA1	0.236319	0.40302	1.37723	1.37723	0.0733168	1.74303	1.74303	0.0183258	0.68985	0.68985	0.564278	1.58424	1.58424	0.576103	1.04634	1.04634	0.391222	2.00817	2.00817	0.377508	2.05171	2.05171	0.728417	1.31872	1.31872	0.0881614	1.12555	1.12555	1.68767	16.8855	8.6774	1
gi10434228	CKLF;CKLF;CKLF;CKLF;CKLF	0.23632	0.989914	1.00777	1.00772	0.238885	2.11821	2.1182	0.333749	0.54517	-1.83429

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs.047 vs. N)	p-value(105 N)	Ratio(105 vs. N)	Fold-Change(105 vs.057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1127 vs.117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs.127 vs. N)	Ratio(1121 vs. N)	Fold-Change(1121 vs.121 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs.217 vs. N)	p-value(5477 vs. N)	Ratio(5477 vs. N)	Fold-Change(5477 vs.477 vs. N)	p-value(5537 vs. N)	Ratio(5537 vs. N)	Fold-Change(5537 vs.537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs.377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs.637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg29338213	FOXO1		0.653659	1.1481	1.1481	0.472247	1.25054	1.25054	0.251652	0.693356	1.44226	0.557404	0.834067	1.19894	0.358811	1.33446	1.33446																
cg25934198	C9orf139;ABCA2;ABCA2		0.236561	0.112322	2.60732	2.60732	0.534469	1.41852	1.41852	0.551886	1.39609	1.39609	0.0527106	0.38989	3.38089	0.324706	1.76597	1.76597															
cg02923490	ZFAND3		0.236573	0.234668	0.624242	-1.60194	0.0535223	2.29213	2.29213	0.501846	1.29413	1.29413	0.769508	1.11756	1.11756	0.595714	0.816637	-1.22453															
cg20632979	AZI1;AZI1		0.236574	0.777192	0.823038	-1.21501	0.260322	0.446594	-2.23897	0.336953	0.506826	-1.97306	0.67042	1.34161	1.34161	0.0115764	0.114497	-8.73384															
cg18845298	PTPR21		0.236575	0.428642	0.508515	-1.96651	0.188999	0.312866	-3.19625	0.315582	0.439608	-2.38317	0.476009	2.272458	-3.67079	0.271601	0.383732	-2.60598															
cg08261617	OIN2M5		0.236577	0.464588	0.536046	1.865551	0.119208	0.241519	-4.14046	0.0498804	0.152702	-6.54869	0.712683	1.7528609	-1.36455	0.0374183	0.134426	-7.60884															
cg19751824	FIZ1		0.236578	0.668293	1.36238	1.36238	0.0209478	7.33739	7.33739	0.021812	7.20445	7.20445	0.83211	1.16451	1.16451	0.528185	1.58164	1.58164															
cg07636546	GABARAPL2		0.236584	0.636545	GABARAPL2		0.164822	0.868491	0.96514	-1.03612	0.0778202	0.658163	-1.51938	0.3401377	0.810194	-1.23427	0.193146	0.744628	-1.34295															
cg22476848	ME11		0.236585	0.088316	4.50838	4.50838	0.17927	3.16573	3.16573	0.130171	3.70269	3.70269	0.190837	1.29269	2.86357	0.0916441	1.82091	1.82091															
cg03654504	GRIK3		0.236592	0.193876	0.437615	-2.28511	0.0872309	0.321346	-3.11191	0.133973	0.378457	-2.64231	0.280556	0.509499	-1.96271	0.72079	1.2408	1.2408															
cg25114913	FUT9;FUT9		0.236593	0.928306	1.076511	1.076511	0.49	2.039511	-2.04917	0.0127217	0.139996	0.672333	-1.48825	0.4904875	0.534378	-1.87134	0.9408711	1.038505	1.63772															
cg09066963	ZBTB8A		0.236595	0.81026	0.921236	-1.0855	0.149592	1.69379	0.691979	0.0498822	2.14425	2.14425	0.441418	0.752203	-1.32943	0.231974	0.65209	-1.53353															
cg09027393	PPYA2		0.236599	0.218102	0.375115	-1.35622	0.158585	0.701476	-1.42557	0.159928	0.880931	-1.12482	0.97098	0.991478	-1.00861	0.13021	0.680356	-1.4693															
cg11308639	BMP10 PTCH1;PTCH1;PTCH1;PTCH1;PT CH1;PTCH1;PTCH1		0.645615	1.19749	1.19749	0.824196	0.910944	-1.09646	0.215602	0.602129	-1.66078	0.409828	0.720311	-1.38829	0.785043	0.899053	-1.11228															
cg22073802			0.236601	0.765987	0.963183	-1.03822	0.89	0.982759	-1.01754	0.4116871	1.11126	1.11126	0.499825	1.0899	1.0899	0.00764902	1.53864	1.53864	0.517075	1.08606	1.08606	0.476442	1.09527	1.09527	0.645654	1.05991	1.05991	0.184403	1.19128	1.19128	0.685654	0.421913	0.222368	
cg17221813	SLC17A9		0.236608	0.22549	0.343753	-2.90907	0.305847	2.4337	2.4337	0.97398	1.02774	1.02774	0.966058	0.964933	-1.03634	0.04297313	0.141724	-7.05597	0.276985	0.387321	-2.58184	0.324075	0.425563	-2.34983	0.0762537	0.191153	-5.23141	0.170624	0.294034	-3.40096	1.68552	18.7971	9.90711	
cg01894743	RAI68		0.236609	0.721361	0.982245	-1.01835	0.973315	1.00965	-1.00965	0.824251	1.06958	1.06958	0.754427	1.102841	1.0237	0.0113228	0.414452	-2.41282	0.571298	0.848451	-1.17862	0.177407	1.51999	1.51999	0.448021	1.14873	1.14873	0.726271	1.10624	1.10624	0.86651	2.20403	1.16165	
cg02387339	WDR90		0.236611	0.302998	0.58275	-1.71604	0.670378	1.51737	1.51737	0.831534	1.16274	1.16274	0.965435	0.872648	-1.02829	0.0803204	0.286655	-3.4884	0.252759	0.449552	-2.22444	0.441185	0.603124	-1.65803	0.181303	0.400883	-2.4945	0.0828302	0.344569	-2.90151	1.51004	5.83476	
cg14778644	KCTD9;CDC42		0.236622	0.922135	1.02464	1.02464	0.0113903	2.20045	2.20045	0.759861	1.07932	1.07932	0.829548	0.947735	-1.05515	0.655644	1.11824	1.11824	0.810485	0.941938	-1.06164	0.134218	0.668899	-1.49499	0.975165	1.00779	1.00779	0.998246	1.00055	1.00055	0.86646	1.65587	0.872767	
cg19748891	UBXN11;UBXN11;COS2		0.236622	0.0572253	0.418384	-2.39045	0.289761	0.636206	-1.57159	0.0979726	0.478442	2.09012	0.479551	0.745932	-1.3406	0.0136284	0.476651	-2.09783	0.607539	0.810721	-1.23347	0.0583736	0.420843	-2.37618	0.190001	0.570662	-1.75235	0.0539199	0.412175	-2.42616	0.46446	4.38213	2.30971	
cg24343413	OAZ3;MRPL9		0.236639	0.0230018	0.692135	-1.44484	0.840631	1.02762	1.02762	0.407717	1.12143	1.12143	0.429256	0.896554	-1.11538	0.2301344	0.94797	1.04797	0.265508	1.17002	1.17002	0.694526	0.94799	-1.05486	0.593944	1.22571	1.22571	0.700909	0.949114	-1.05361	0.6864	0.489107	0.257806	
cg26866597	ZNRF3		0.236639	0.9631302	1.03812	1.03812	0.0110502	0.8663753	0.8663753	0.0747957	1.07647	1.07647	0.4146697	0.6755592	-1.48018	0.2074697	0.482159	-2.07455	0.1902582	0.963359	-1.03805	0.743619	0.872819	-1.14596	0.421408	1.30118	1.30118	0.234578	0.670502	-1.49142	0.29766	0.494193	0.2	
cg21650436	ADCY6;ADCY6		0.236642	0.359371	1.4426	1.4426	0.0448979	2.4475	2.4475	0.4615	1.33843	1.33843	0.524192	0.778043	-1.28528	0.187737	1.72087	1.72087	0.350447	0.688182	-1.4531	0.07165	2.18604	2.18604	0.879101	1.06097	1.06097	0.570076	0.799967	-1.25005	0.68338	0.438824	0.212855	
cg06159269	RERE;RERE		0.236644	0.235973	0.480678	-2.08039	0.2014493	0.113043	-5.22376	0.691633	0.790442	-1.26512	0.875806	1.09665	-1.09665	0.123247	0.373482	-2.67751	0.404807	0.604839	-1.65333	0.16436	0.41679	-2.39929	0.205168	0.454524	-2.2001	0.577804	1.39329	1.39329	0.68637	0.293407	0.439839	
cg08003514	MANEAL;MANEAL		0.236648	0.811662	0.905115	0.94098	0.0931166	0.694997	0.694997	0.0230141	1.43603	1.43603	0.955201	0.6469	-1.54642	0.0134902	0.69332	-1.44207	0.724201	0.941019	-1.06252	0.638113	0.858423	-1.16512	0.225	-1.36514	0.734472	-1.36152	0.683636	0.0984493	0.52104		
cg02211433	ZNF23;ZNF23		0.236648	0.805738	1.13811	1.13811	0.463043	0.674351	-1.48291	0.262379	0.541421	-1.84698	0.0903126	2.66436	2.66436	0.289656	1.78075	1.78075	0.884884	0.92676	-1.07903	?	?	0.0998817	2.57712	2.57712	0.126013	2.38494	2.38494	1.6922	6.56684	3.88067	
cg10459493	CRTAC1;GDLGA78		0.236649	0.19384	0.787257	-1.27033	0.804274	1.19381	1.19381	0.042284	1.01601	1.01601	0.69792	1.2594863	1.09864	0.0268441	0.909558	-1.15027	0.858562	1.10128	1.10128	0.0172124	1.45076	1.45076	0.0875107	1.10691	1.10691	0.221349	1.24732	1.24732	0.66855	0.7905	0.419841	
cg09149842	DNMT3B;DNMT3B;DNMT3B		0.236663	0.100885	0.515194	-1.95467	0.401577	1.37738	1.37738	0.751132	0.888088	-1.12601	0.750283	1.12649	1.12649	0.619482	0.829667	1.2053	0.0798075	0.60502	0.60502	0.067472	0.465695	-2.14733	0.0224543	0.785217	-1.27353	0.496389	0.772899	-1.29383	0.6863	3.71601	1.9588	
cg20888435	NRBP1		0.236674	0.415324	1.53161	1.53161	0.320012	0.590869	-1.69242	0.226438	0.521878	-1.91615	0.197955	2.0072	2.0072	0.120204	0.42185	-2.37051	0.600759	1.31044	1.31044	0.371152	0.624877	-1.60031	0.0988833	0.525265	0.525265	0.540734	1.37312	1.37312	0.66625	7.00201	3.69103	
cg07674535	PPP5C		0.236676	0.777552	1.01479	1.01479	0.0766315	0.930709	-1.07459	0.553205	0.710294	1.09184	0.430237	0.888753	-1.12506	0.0178343	0.561202	-1.78219	0.139321	1.26252	1.26252	0.162746	0.809707	-1.24393	0.0922048	1.31192	1.31192	0.736129	1.05079	1.05079	0.82458	0.573013	0.302858	
cg09434115	CSNK1A1L		0.236678	0.629314	0.934961	-1.06956	0.514093	0.912573	-1.0958	0.273635	1.1706	1.1706	0.50845	0.911418	-1.09719	0.881394	1.02086	1.02086	0.820898	1.03185	1.03185	0.0130856	1.53045	1.53045	0.349231	1.14252	1.14252	0.283515	1.16656	1.16656	0.68624	0.510561	0.269139	
cg16438880	CDCA7L;CDCA7L;CDCA7L		0.236681	0.56636	1.3992	1.3992	0.0415554	0.671761	-1.48921	0.3648881	1.05276	1.05276	0.795175	0.91391	-1.09408	0.397688	0.894993	1.1733	0.1117092	1.0848	1.0848	0.0857814	0.894993	1.1733	0.0429408	1.31018	1.31018	0.0852174	1.24823	1.24823	0.66585	0.1562151	0.0516	
cg23038560	IFI27;IFI27		0.236692	0.0402107	0.602085	-1.6609	0.169335	1.36804	1.36804	0.496998	1.1505	1.1505	0.842653	0.958353	-1.04346	0.799112	1.0561	1.0561	0.694511	1.08816	1.08816	0.0868096	1.49903	1.49903	0.421669	0.838877	-1.19207	0.609373	1.11662	1.11662	0.68618	0.223406	0.64496	
cg22087659	TRIM4;TRIM4		0.236692	0.998009	0.997634	-1.00237	0.265558	0.33246	-3.00788	0.39836	0.440107	-2.27217	0.656538	1.52932	1.52932	0.612797	0.616068	1.6233	0.532158	0.548479	-1.82322	0.0282659	0.61854	1.61854	0.17486	0.254192	-3.93403	0.0385101	0.309797	-3.22792	0.68618	0.245094	0.126831	
cg18870532	DENND3		0.236696	0.115977	0.6	0.6	0.143433	0.779071	-1.28254	0.154744	0.870031	-1.14924	0.0550106	0.546366	-1.8299	0.0126499	0.274537	-3.64207	0.0752193	0.961359	-1.04019	0.824469	0.836996	-1.1948	0.0973877	0.618859	-1.61727	0.788554	1.07323	1.07323	0.68617	0.184605	0.073176	
cg19041593	RPS5		0.236704	0.162824	0.384056	-2.60379	0.0630262	0.260992	-3.83154	0.589059	0.704461	-1.41953	0.35214	0.54062	-1.84973	0.0845794	0.293653	-3.40538	0.210436	0.428404	-2.33425	0.0447331	0.227624	-4.39322	0.0894696	0.30038	-3.32912	0.487914	0.635938	-1.57248	0.68613	11.0183	5.80858	
cg16233489	WDR70		0.236704	0.54504	1.15052	1.15052	0.552053	0.908555	-1.10229	0.128023	0.40333	-2.48033	0.0152672	0.932779	-1.07243	0.0127265	0.370163	-2.70161	0.411866	0.846002	1.1822	0.0172124	0.56076	1.78357	0.0178509	0.676909	1.47756	0.0239075	0.100257	1.00613	0.68617	0.822394	0.602886	
cg02910180	PHOX2A		0.236715	0.843328	1.03451	1.03452	0.40996	0.86543	-1.15549	0.816646	1.04064	1.04064	0.077125	0.713838	-1.40088	0.489551	0.886566	-1.12795	0.194074	0.790053	-1.26574	0.450426	1.14496	1.14496	0.0540627	0.45504	2.19704	0.0421422	0.868715	1.16112	1.68609	0.785591	0.414156	
cg20170839	KCNQ1;KCNQ1		0.236716	0.170041	0.323855	-3.0878	0.158394	0.31246	-3.20041	0.379961	0.499159	-2.00337	0.779881	1.24129	1.24129	0.0111853	0.0860551	-11.6205	0.930759	1.06934	1.06934	0.829217	0.846489	-1.18135	0.955085	1.04381	1.04381	0.455918	0.556634	-1.79651	0.68609	15.8942	8.37928	
cg09954143	JAMAP3		0.236719	0.297448	0.5	0.5	0.0912184	0.712748	-1.40278	0.0787127	0.978877	-1.0225	0.0178877	1.1745	1.1745	0.0119997	0.844818	-1.18367	0.181082	1.15563	1.15563	0.627026	0.11091	1.11091	0.183478	1.3541	1.3541	0.762534	1.06726	1.06726	0.84808	0.523211	0.349558	
cg27537937	ZA89;GF2		0.236717	0.368291	0.900321	-1.11072	0.87168	0.981799	-1.01854	0.47532	1.08594	1.08594	0.125896	0.828467	-1.20705	0.509594	1.07898	1.07898	0.895646	1.01502	1.01502	0.0640049	0.791417	-1.26356	0.101827	1.22569	1.22569	0.389511	1.10628	1.10628	0.68608	0.344789	0.18177	
cg05512327	SHOX2;SHOX2;SHOX2		0.236719	0.217209	2.69176	2.69176	0.430306	0.541197	-1.84776	0.269477	0.240382	2.40382	0.795125	1.21953	1.21953	0.430026	0.540986	-1.84848	0.152451	0.310684	-3.2187	0.260933	2.44542	2.44542	0.0456747	5.74019	5.74019	0.738613	1.291	1.291	0.68607	15.5331	8.18899	
cg08433095	OYX1C;OYX1C;OYX1C1		0.236722	0.124217	0.664914	-1.50435	0.316615	0.775859	-1.2889	0.2891035	0.2	5	0.0125	1.20525	0.753247	0.925838	1.0746997	0.2945	0.0806802	0.621939	-1.60784	0.144207	0.294251	3.4006	0.0229861	0.852611	1.17317	0.0262863	0.0294949	0.53343	-1.87466	0.68607	0.2009	0.1655	
cg05451527	OSGIN1;OSGIN1;OSGIN1		0.236731	0.925897	1.03269	1.03269	0.257716	0.66348	-1.50708	0.42772	0.576553	1.50047	0.0811838	0.53127	-1.88208	0.0138117	0.24534	-4.07583	0.260312	0.760363	1.31509	0.0262004	0.626513	-1.59614	0.340265	0.711895	1.4047	0.1683	0.1925	1.68312			
cg17032184	IGSF3;IGSF3		0.236733	0.392127	1.85391	1.85391	0.523979	1.57568	1.57568	0.848981	0.874396	-1.14365	0.184373	2.69492	2.69492	0.35424	1.95631	1.95631	0.1902	2.65602	2.65602	0.0870877	3.782	3.782	0.025522	6.4792	6.4792	0.0886002	3.75334	3.75334	0.68602	13.2377	6.97908	
cg22168525	SLC25A40;SLC25A40;DBF4		0.236734	0.2	5	5	0.0125	1.20525	1.20525	0.753247	0.925838	1.0746997	0.2945	0.0806802	0.621939	-1.60784	0.144207	0.294251	3.4006	0.0229861	0.852611	1.17317	0.0262863	0.0294949	0.53343	-1.87466	0.68607	0.2009	0.1655	1.68312				
cg13847437	AKAP2;PALM2-AKAP2;PALM2-AKAP2		0.236736	0.0764692	0.381926	-2.61831	0.409553	0.662368	-1.50974	0.0878728	0.400145	-2.49286	0.104386	0.42019	-2.37987	0.0407662	0.315509	-3.16949	0.276332	0.575193	-1.73855	0.90721	0.944641	-1.0586	0.955211	1.02781	1.02781	0.189234	0.50699	-1.97243	0.68601	0.36991	0.135832	
cg16581986	CMIP		0.236738	0.352324	0.629564	-1.58796	0.0415514	0.321185	-3.11347	0.103188	0.422638	-2.3661	0.897813	0.959807	-1.04205	0.0795287	0.390489	-2.56089	0.163746	0.4048	-2.47045	0.0694	0.33477	-2.98831	0.0795287	0.390489	-2.56089	0.0694	0.33477	-2.98831	0.68601	0.223996	0.328665	
cg01406988	MEIS1;MEIS1		0.236743	0.974534	1.04782	1.04782	0.0333066	18.1044	18.1044	0.0161681	45.1075	45.1075	34	4.21681	0.379996	2.6321	3.73556	3.73556	0.365078	0.90367	0.90367	0.693261	0.332214	-1.87542	0.918227	0.860463	-1.16213	0.93626	0.889544	-1.12417	0.68599	57.1845	30.7488	
cg16404530	CNGA3;CNGA3		0.236743	0.76685	0.967707	-1.03326	0.111536	2.12016	2.12016	0.956936	0.994075	-1.00596	0.897413	1.01429	1.01429	0.249229	0.869119	-1.15059	0.101599	0.820984	-1.21805	0.043567	0.774616	-1.29096	0.373411	0.904332	-1.10579	0.702525	0.958649	-1.04313	0.6858	0.323409	0.170509	
cg16194775	NR3K1		0.236745	0.220633	1.84897	1.84897	0.539157	2.54554	2.54554	0.393025	1.59432	1.59432	0.630362	1.26048	1.26048	0.137247	0.64086	-1.56042	0.330001	1.61444	1.61444	0.487924	1.39996	1.39996	0.241276	0.888885	1.88885	0.386347	1.52802	1.52802	0.68597	0.0671	0.02007	
cg24222377	FECH;FECH		0.236745	0.351984	0.853943	-1.17104	0.0958009	0.739662	-1.35197	0.951858	1.01	1.01	0.453454	0.881714	-1.13415	0.324903	0.845713	-1.18243	0.291568	1.1977	1.1977	0.527757	1.11122	1.11122	0.125703	1.3141	1.3141	0.134384	1.30486	1.30486	0.68597	0.725582	0.382546	
cg06375488	EHD3;EHD3		0.236747	0.0954875	0.647215	-1.04724	0.0139612	0.341338	-2.92965	0.0483075	0.448653	-2.22295	0.722101	0.88124	-1.13476	0.8137693	0.929959	-1.07532	0.411866	0.846002	1.1822	0.0172124	0.56076	1.78357	0.0178509	0.676909	1.47756	0.0239075	0.100257	1.00613	0.68596	0.822394	0.602886	
cg02901087	PHOX2A		0.236749	0.0920108	0.186792	-5.35355	0.7682	0.765411	-1.30649	0.648792	1.54402	1.54402	0.282413	0.364086	-2.7466	0.0932903	0.188265	-5.31165	0.207324	0.30335	-3.32944	0.0371684	0.112098	-8.9208	0.235167	0.324495	-3.08171	0.172021	0.268466	-3.72487	0.68596	21.848	11.5189	
cg22727783	TRIO		0.236749	0.763879	1.1331	1.1331	0.0787949	0.445027	-2.24706	0.878916	1.06527	1.06527	0.314963	1.53876	1.53876	0.308605	0.645924	-1.54817	0.607761	0.806759	-1.23953	0.26393	0.620297	-1.61213	0.165967	0.541866	-1.84547	0.0944101	2.14382	2.14382	0.68596	4.59355	2.42186	
cg01221157	ABAT;ABAT;ABAT		0.236753	0.339042	1.77275	1.77275	0.476517	1.32721	1.32721	0.742056	1.34794	1.34794	0.5486	1.27099	1.27099	0.0911444	0.786958	-1.27071	0.0824243	-2.43758	0.0989533	0.480907	-2.04496	0.732325	0.87305	-1.14541	0.8693	0.4752	2.10312				
cg24936781	INPP4B;INPP4B		0.236757	0.409968	0.616132	-1.62303	0.0168989	0.187326	-5.33828	0.207907	0.466191	-2.14582	0.892882	0.929225	-1.07617	0.0894817	0.340926	-2.93319	0.927724	0.949192	-1.05353	0.20251	0.461482	-2.16693	0.466639	0.653277	-1.53075	0.623842	1.32854	1.32854	0.68592	0.82019	0.45037	
cg19061278	DOCS7		0.236758	0.0593534	0.6	0.6	0.179993	0.732525	-1.36511	0.0925555	0.2	5	0.0125	1.20525	0.753247	0.925838	1.0746997	0.2945	0.0806802	0.621939	-1.60784	0.144207	0.294251	3.4006	0.0229861	0.852611	1.17317	0.0262863	0.0294949	0.53343	-1.87466	0.68592	0.2009	0.1655	
cg05442710	PHF7;PHF7;PHF7;BAP1;PHF7		0.236758	0.648806	1.08427	1.08427	0.138931	1.19933	1.19933	0.0273848	1.58492	1.58492	0.365527	0.848687	-1.17829	0.104279	1.36804	1.36804	0.282236	1.21797	1.21797	0.507456	0.888107	-1.12599	0.235887	1.24507	1.24507	0.511862	1.12457	1.12457	0.68592	0.83147	0.438386	
cg15244046	GCM2		0.236759	0.181972	3.97677	3.97677	0.635194	1.59314	1.59314	0.0974871	5.88198	5.88198	0.533594	1.84851	0.84851	0.727969	0.711585	-1.40531	0.884854	1.51166	1.51166	0.0941634	0.60854	0.60854	0.0210405	1.94448	1.94448	0.923582	2.098	2.098	0.68592	25.1553	13.3672	
cg20770206	UBXN10		0.236763	0.454992	1.47353	1.47353	0.0915157	2.52255	2.52255	0.3481	1.73739	1.73739	0.583388	1.18608	1.18608	0.129371	1.1739	1.1739	0.0104934	0.648205	2.1428	1.32395	1.32395	0.0756049	0.904198	-1.10595	0.709477	0.935629	-1.0688	0.68588	0.843996	0.445	
cg08945452	CAS21;CAS21		0.236769	0.0155996	0.206151	-4.8508	0.310264	0.571694	-1.74919	0.603181	0.756312	-1.32221	0.767241	0.853786	-1.17125	0.558567	0.729752	-1.37033	0.322322	1.7237	1.7237	0.856094	0.907849	-1.1015	0.605925	0.75794	-1.31937	0.21804	1.99382	1.99382	0.68588	7.57295	3.99288	
cg25548615	WHSC2		0.236769	0.0146329	0.0199972	-1.44484	0.86314	0.245351	-4.07695	0.164624	0.0995	0.164624	0.0452133	0.215616	0.954842	-1.04729	0.936385	0.853232	0.2	5	0.0125	1.20525	0.753247	0.925838	1.0746997	0.2945	0.0806802	0.621939	-1.60784	0.144207	0.294251	3.4006	0.0229861	0.852611	1.17317
cg26309194	TMPRSS2;TMPRSS2		0.236771	0.0383769	0.81519	0.818196	0.3454	2.3454	-3.5849	0.67871	1.72855	1.72855	0.209516	0.90764	0.90764	0.140208	0.51374	-1.94674	0.82245	0.793266	-1.26061	0.454923	0.456442	-2.19086	0.189436	0.18866	0.0793033	0.74424	0.74424	0.68587	0.85319	0.14988	
cg19761245	LIMCH1;LIMCH1;LIMCH1 RPS24;RPS24;RPS24;RPS24;RPS24;RPS2		0.236772	0.329702	0.585507	-1.70792	0.252878	0.529668	-1.88797	0.0149719	0.203548	-4.91284	0.602982	0.756362	-1.32212	0.342316	0.594141	-1.6831	0.875666	0.920054	-1.08689	0.919173	0.947419	-1.0555	0.186479	2.10698	2.10698	0.624436	0.769073	-1.30027	0.68586	7.56083	3.98652	
cg08460801	4		0.236773	0.24868	0.30586	3.00586	0.244574	0.329169	-3.03795	?	?	?	0.124849	0.217675	-4.594	0.0605265	0.76414	0.76414	0.331856	0.24804	0.24804	0.981854	0.979594	-1.02083	0.588027	1.643	1.643	0.639943	1.5335	1.5335	0.75363	19.8606	9.90977	
cg01802053	PPM1F		0.236775	0.671614	1.48906	1.48906	0.0124152	1.02612	1.02612	0.39135	1.61878	1.61878	0.618233	0.833645	-1.19955	0.509008	0.781339	-1.2701	0.067169	2.0801	2.0801	0.142548	1.75534	1.75534	0.0569752	0.518859	1.52089	0.498196	0.782344	1.27821	0.68585	0.34029	0.1939	
cg03321553	LTK;LTK;LTK		0.236778	0.0387303	0.286861	-3.48601	0.246276	0.531232	-1.88242	0.174316	0.470542	-2.12521	0.204291	0.497151	-2.01146	0.0915941	0.379422	-2.63559	0.707396	0.821426	-1.2174	0.0625072	0.334996	-2.98511	0.312909	0.580109	-1.72381	0.133423	0.429576	-2.32688	0.68583	0.72665	3.83142	
cg

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg22808633	RASAL3		0.9308641	0.972212	-1.02858	1.235283	0.736853	-1.35712	0.460699	1.20247	1.342285	1.275151	0.2715153	0.655502	0.895004	-1.13701	0.208117	0.721946	-1.38514	0.951371	0.15515	1.01515	0.374588	0.7799647	-1.25055	0.026248	1.910818	0.918517	1.608946	0.848425	1
cg22880373	SMAD6;SMAD6		0.236948	0.74658	1.07333	1.073333	0.693656	1.09025	1.09025	0.0579843	1.59637	1.59637	0.5331331	1.44771	1.44771	0.259844	1.29244	1.29244	0.1690721	0.726101	1.37682	0.338433	0.8062451	-1.42032	1.01661	0.6802273	-1.4508	0.645877	1.10626	1.10626	0.158617	1.27135	0.67061	1
cg19951961	FUT8;FUT8;FUT8;FUT8;FUT8;FUT8		0.2369491	0.309822	0.700393	-1.42777	0.584457	0.829331	-1.20579	0.7961951	0.9160394	-1.09166	0.5630301	1.21914	1.21914	0.315479	0.703496	-1.42147	0.805596	1.08714	1.08714	0.681445	1.15011	1.15011	0.130257	1.7398	1.7398	0.0226592	0.39669	-2.52086	1.685516	3.06444	1.616943	1
ch.12.118351?TNFE1ES	TNFE1ES		0.104457	0.279584	-3.57674	0.0386061	0.17901	-5.58628	0.340718	0.49409	-2.02392	0.2700166	0.48341	-2.28097	0.0305325	0.161227	-6.20244	0.2332396	0.497398	-3.54464	0.1880093	0.392426	-2.02875	0.329	0.421773	-2.37119	0.259359	0.454234	-2.20151	1.685113	12.004	6.33198	1
cg24416232	INPP5A		0.2369361	0.102266	0.741509	-1.3486	0.1153399	1.33144	1.33144	0.1653462	1.2808	1.2808	0.5733003	0.9092313	-1.09985	0.147864	0.7731317	-1.29648	0.908366	0.980513	-1.02087	0.357199	1.1716	1.1716	0.80624	1.04196	1.04196	0.378292	0.859691	-1.16321	1.68511	0.7465508	0.393779	1
cg13168683	JAKMIP1;JAKMIP1		0.2369651	0.249903	0.85165	-1.17419	0.1038112	1.26813	1.26813	0.0284566	0.7079992	-1.41244	0.82551	0.970943	-1.02993	0.515344	0.915675	-1.09209	0.489495	0.910504	-1.09829	0.896448	0.982761	-1.01754	0.560253	1.08183	1.08183	0.481944	1.10015	1.10015	1.6851	0.475973	0.251076	1
cg02512505	MTI1		0.2369653	0.0617933	0.63427	0.634027	0.0998661	36.7075	36.7075	0.7933227	0.9561521	-1.6774	0.26807	0.90461	0.90461	0.546266	0.800315	-1.32972	0.444212	0.64869	0.64869	0.414703	0.5679	0.5679	0.789668	1.69107	1.69107	0.0359905	122.166	122.166	1.68509	103.57	54.6333	1
cg24730224	URGCP;URGCP;URGCP		0.2369638	0.209495	0.717674	-1.39339	0.0519331	1.74134	1.74134	0.4732577	0.8347717	-1.22742	0.3413497	0.672541	-1.4869	0.0202552	1.02459	0.1426459	0.163035	0.688364	-1.45272	0.393291	1.24523	1.24523	0.607723	0.87822	-1.13867	0.601254	0.876126	-1.14139	1.685039	0.1773	0.885538	1
cg03186514	SH3PF3		0.2369673	0.893254	1.0352	1.0352	0.467779	1.2097	1.2097	0.162881	0.681247	-1.4679	0.394007	0.798539	-1.25229	0.0717564	0.59569	-1.67873	0.410191	0.804917	-1.24236	0.070818	1.68228	1.68228	0.309918	0.76281	-1.31094	0.740295	0.917858	-1.08949	1.685007	1.77197	0.934733	1
cg00448376	CASC5;CASC5		0.2369861	0.095943	0.773231	?	?	?	?	?	?	?	0.8660503	1.154	0.8084745	1.236	0.4334566	-2.30769	0.8574995	1.166	0.3031564	-3.29897	?	?	?	?	0.0232405	0.18178	5.18178	1.97206	6.763446	3.442965	1
cg26057380	ATP5I		0.2369865	?	?	?	?	?	?	0.08192003	3.11793	3.11793	0.609625	0.761736	-1.31279	?	?	?	0.2207089	2.09563	0.6898985	0.809634	-1.23513	?	?	?	2.1605	3.62861	1.67953	1
cg11438310	CMYA5		0.2369893	0.15248	0.65159	4.05159	0.176174	3.71669	3.71669	0.983785	1.0488	1.0488	0.2061319	0.82619	3.37667	3.376667	3.06117	3.06117	0.7827982	-1.27447	0.1704182	1.39132	3.79132	3.79132	0.680404	1.45949	1.45949	0.01733	14.094	14.094	1.685	22.2405	11.7325	1
cg11669257	INTS9;INTS9;INTS9		0.2369901	0.497841	0.780558	-1.28113	0.224687	0.631849	-1.58266	0.344273	0.704199	-1.42005	0.804889	0.68217	-1.46591	0.385411	1.37759	1.37759	0.9544499	1.02075	1.02075	0.0360013	2.40621	2.40621	0.218996	1.59261	1.59261	0.633952	0.8414	1.1885	1.685	3.4583	1.82436	1
cg24694913	ZNF324		0.2369939	0.808878	0.971985	-1.02882	0.0417246	0.759375	-1.31687	0.152913	0.823509	-1.21432	0.932361	0.990095	-1.01	0.244027	0.866821	-1.15364	0.203175	0.854264	-1.1706	0.799089	0.970535	-1.03036	0.116821	0.818903	-1.22115	0.244451	1.15348	1.15348	1.685	0.366942	0.193573	1
cg06467504	PC;PC;PC		0.2369951	0.659226	1.23701	1.23701	0.808302	1.12879	0.42257	1.2805	1.48085	1.48085	0.193126	1.59402	1.59402	0.193445	0.51709	-1.9339	0.136093	0.463431	-2.15782	0.0611146	0.3636587	-2.74962	0.175055	0.2760284	0.006389	-1.10328	0.1605	0.613023	1.23389	0.3	1
cg17049013	NECAB3;NECAB3;C20orf144		0.2369994	0.0559977	0.465043	-2.15094	0.3133135	0.691429	-1.44628	0.187111	0.6098454	-1.63974	0.659042	1.17006	1.17006	0.0224989	0.380352	-2.62914	0.190522	0.612448	-1.63279	0.444701	0.75914	-1.31728	0.667625	0.85831	-1.16508	0.652161	0.851729	-1.17408	1.684999	3.33828	1.76106	1
cg14977069	LIME1		0.2369998	0.185641	1.46587	1.465873	0.782067	0.937232	-1.07849	0.689564	0.8592852	-1.11558	0.498856	1.20589	1.20589	0.1790491	1.47546	1.47546	0.8738375	1.04424	1.04424	0.463701	0.8186081	-1.22537	0.111168	1.40461	1.40461	0.0262617	2.05097	2.05097	1.68497	3.18561	1.64598	1
cg14553364	FAM53C;FAM53C		0.2369999	0.2183624	1.5199	-1.25725	0.2073239	1.22674	1.22674	0.675325	1.07733	1.07733	0.167914	1.771564	1.771564	0.0496841	1.08667	1.08667	0.9858252	0.996737	-1.00327	0.572491	0.90408	-1.1061	0.04692	0.1455063	1.29004	1.29004	0.46497	0.834282	0.440118	1
cg16942891	MGMT		0.2370004	0.516596	0.88994	-1.12367	0.106265	0.731428	-1.36719	0.174276	0.7739952	-1.29207	0.642467	1.08643	1.08643	0.0192532	0.605302	-1.65207	0.661523	0.92486	-1.08124	0.421782	1.15662	1.15662	0.652469	0.922769	-1.08369	0.405556	0.859951	-1.16286	1.68495	0.838931	0.442576	1
cg01017689	SNORA47;ZBED3		0.2370014	0.620708	0.741602	-1.34843	0.0728743	1.31191	1.31191	0.079711	1.20359	1.20359	0.528805	0.979316	-1.47019	0.139125	0.550465	-1.80484	0.215342	0.457586	-2.18491	0.385733	0.586895	-1.70388	0.0454495	0.0224674	0.4927109	0.5933	0.55913	0.545647	0.69144	0.544574	0.05626	1
cg22375927	RPS6KA2;RPS6KA2		0.2370019	0.533693	1.26237	1.26237	0.920403	0.96373	-1.03763	0.0661817	0.4668801	-2.14194	0.080265	0.048873	2.04873	0.039777	0.315154	1.15154	0.190302	1.67017	1.67017	0.575587	0.814341	-1.23252	0.646699	0.843175	-1.18599	0.203765	0.60909	-1.64179	1.684993	3.45473	1.92332	1
cg04939326	FAM168A		0.2370039	0.821121	1.17958	1.179582	0.1915812	0.924753	1.08153	0.6647353	1.08153	1.08153	0.626331	1.185659	1.185659	0.0358322	0.910569	-1.09842	0.152829	1.68858	1.68858	0.0136581	2.46953	2.46953	0.0195906	1.46061	1.46061	0.0195906	0.660162	-1.49441	1.684993	1.9044	0.9	1
cg04533283	FYN;FYN;FYN		0.2370071	0.133837	1.79975	1.79975	0.974708	0.988544	-1.01159	0.268093	1.52085	1.52085	0.0762884	2.04787	2.04787	0.171306	1.69788	1.69788	0.392299	1.3751	1.3751	0.096135	1.94274	1.94274	0.78174	1.10621	1.10621	0.0330943	2.47333	2.47333	1.68492	3.52508	1.85968	1
cg07621169	TKT;TKT;TKT		0.2370101	0.712919	0.808758	-1.23646	0.0311426	0.4751	4.2751	0.0272624	4.45132	4.45132	0.398134	1.6436	1.6436	0.732977	0.821446	-1.21737	0.715235	1.23423	1.23423	0.673117	0.783714	-1.27598	0.577904	1.38107	1.38107	0.709783	1.2395	1.2395	1.68492	8.80302	4.64409	1
cg24083124	PRDX1		0.2370102	0.985122	1.01107	1.011071	0.157113	1.49344	1.49344	0.0001778	0.1664568	1.82657	0.0001778	0.0001778	1.82657	0.0001778	0.0001778	1.82657	0.837766	1.04102	1.04102	0.205017	1.6511	1.6511	0.3674548	1.7206	1.7206	0.0475182	1.82368	0.8249	1.685156	0.389254	0.211904	0.1219104	1
cg04060554	ENPP5		0.2370122	0.0734462	0.580769	-1.72185	0.1012911	1.62987	1.62987	0.10864	1.61032	1.61032	0.898774	1.03526	1.03526	0.653912	1.13073	1.13073	?	?	?	0.258218	1.37878	1.37878	0.618596	1.14642	1.14642	0.482349	1.21458	1.21458	1.69068	1.76428	1.04354	1
cg07238932	KDM2A;KDM2A		0.2370323	0.4010052	0.766179	-1.30516	0.3950648	1.36931	1.36931	0.107651	0.3446303	1.95052	1.95052	0.289432	1.72128	1.4896	0.2010634	1.49696	0.6645254	-1.50484	0.5015894

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg10504241	C14orf43	0.23731	0.5738201	0.704255	-1.34218	2.216856	0.510557	-1.95864	0.0563269	0.3273593	1.05475	0.0827442	0.370252	-2.69891	0.1489323	0.4493393	2.22522	0.5738801	0.745321	-1.34134	0.934703	1.04325	1.04325	0.2650497	-2.15077	1.68373	7.12035	3.75903	1
cg27182527	WIPF3	0.23732	0.9787775	1.01202	1.012002	2.020898	0.561038	-1.78241	0.339699	0.6427385	-1.55573	0.2625821	0.59179	-1.68979	0.6802043	0.399371	2.50394	0.2471599	0.580766	-1.72186	0.2444419	0.29996	-3.33377	0.414039	0.687282	-1.45501	0.0981366	0.442731	-2.25871	1.683697	5.3787	2.83963	1
cg11063988	SIX5	0.23732	0.9514961	1.01035	1.01035	1.009426	0.744137	-1.34384	0.45883	1.13623	1.13623	0.736936	0.9445513	-1.05875	0.4692748	0.882793	-1.13277	0.913417	1.01859	1.01859	0.399838	0.8642166	-1.15712	0.735412	0.944187	-1.05911	0.0212171	0.59845	1.59845	0.683668	0.7645519	0.4036622	1
cg00500048	WFDC2	0.23735	0.0242409	0.607971	-1.6448	0.524367	1.13677	1.13677	0.113185	1.23145	0.853109	0.9633947	-1.03805	0.245426	0.7885253	-1.27303	1.03875	1.30976	1.30976	0.7398802	1.06847	1.06847	0.611832	1.06847	1.10703	0.2609005	0.7921671	-1.26236	1.63697	1.0528	0.5558321	1
cg25302187	C5orf34	0.23728	0.6638405	0.920968	-1.08581	0.394493	1.17843	1.17843	0.0169367	1.73035	0.37903	0.92466	-1.08148	0.628413	1.25501	1.25501		0.2409565	1.25996	1.25996	0.993139	1.00162	1.00162	0.4162574	1.1693	1.1693	0.108475	1.39042	1.39042	1.683666	0.9449961	0.498891	1
cg05976149	RNF41;RNF41;RNF41;RNF41;RNF41;RNF41;RNF41	0.23731	?	?	?	0.0913424	5.89404	5.89404	0.96281	0.9564489	-1.04549	0.7894667	1.29087	1.29087	0.3637824	2.43617	2.43617		0.0644922	0.137865	-7.25347	0.4335509	2.1436	2.1436	0.1754439	0.252031	-3.95364	0.9778008	0.9738111	-1.02689	1.689442	21.6484	12.8141	1
cg27049761	B3GNT4	0.23734	0.6744312	0.817705	-1.12294	0.0812491	2.151103	2.151103	0.0670205	2.648845	2.648845	0.509573	1.37531	1.337251	0.6195123	1.269326	1.269326		0.6263505	0.791556	-1.26333	0.1022369	0.4267773	-2.34916	0.7449961	1.168819	1.168819	0.2679558	1.73291	1.73291	1.683661	6.050947	3.19444	1
cg01708964	MYL7	0.23734	0.6439996	0.834826	-1.19785	0.9512342	1.024001	1.024001	0.0767783	0.4660205	-2.1459	0.8441149	1.080596	1.080596	0.6907867	0.4720248	-2.11843		0.2079331	0.597441	-1.67381	0.5614644	1.25582	1.25582	0.1374351	0.5701135	-1.75397	0.55553	0.430926	-2.32038	1.683658	4.013311	2.1188	1
cg27585147	NBAS	0.23734	0.1125519	0.549332	-1.82039	0.918004	1.03635	1.03635	0.174148	1.65084	1.65084	0.737324	0.8856698	-1.12905	0.0490694	0.458851	-2.17936		0.935061	0.972139	-1.02866	0.598577	1.20226	1.20226	0.2794031	1.47687	1.47687	0.2720609	0.67273	-1.48648	1.683658	3.2058	1.69258	1
cg00294265	PLEKHG3	0.23735	0.8617934	0.931066	-1.07378	0.5545849	1.682683	1.682683	-1.46482	0.0256296	0.4770353	-2.0962	0.268781	0.6302337	-1.58677	0.7171586	0.8243331	-1.21309	0.3048254	0.7439583	-1.34483	0.5705147	1.418774	1.418774	0.1958058	2.439	2.439	1.683668	4.048181	1.543402	1.683658	4.283886	2.263177	1
cg09196724	PARP3;PARP3;RRP9	0.23732	0.0769022	0.646132	-1.54767	0.0307591	0.569325	-1.75647	0.273145	0.776306	-1.28855	0.686956	0.9193982	-1.09411	0.121888	0.6891669	-1.45102		0.3818885	0.819461	-1.22031	0.0606756	0.625293	1.630204	0.080005	-1.24992	0.651683	0.90403	-1.10616	1.683757	1.31432	0.6939036	1
cg11537619	PMP2	0.23753	0.466581	0.571049	-1.75116	0.02451	0.131693	1.75564	0.0029267	0.143723	-6.95785	0.668993	0.7222235	-1.38465	0.382456	0.510798	-1.95375		0.286125	0.41825	-2.39214	0.1973921	0.3965593	-2.80458	0.3279057	0.467285	-2.14691	0.9218889	0.928477	-1.07703	1.683656	15.2654	8.05983	1
cg05134857	CNNM2;CNNM2	0.23754	0.704655	0.868472	-1.15145	0.233033	1.58895	1.58895	0.759197	0.892386	-1.12059	0.835278	0.9057992	-1.08016	0.008124668	0.7855122	1.50728		0.6985073	0.8658	-1.155	0.980324	0.9909095	-1.00917	0.835781	0.9260114	-1.0799	0.9504554	1.02328	1.02328	1.683656	3.65642	1.93052	1
cg25175508	PAK7;PAK7	0.23735	0.2009934	0.95571	1.95571	0.607183	0.727274	-1.2937	0.663791	0.804777	-1.24258	0.190994	1.98887	1.98887	0.074075	1.17923	1.17923		0.0635944	0.81705	2.81705	0.330023	1.64734	1.64734	0.108313	2.38677	2.38677	0.055914	2.93124	2.93124	1.683655	6.5752	3.4716	1
cg00105356	CIITA	0.23736	0.743481	1.48699	1.48699	0.540421	2.26885	2.26885	0.243782	2.229124	1.36444	0.574446	1.503845	1.503845	0.196759	1.910219	5.25051		0.9706582	0.956507	-1.04544	0.0217407	0.0298941	-33.4514	0.30185	0.2774402	-3.60475	-6.59347	1.68355	38.9244	20.51515	1
cg16426764	LHPP;LHPP	0.23736	0.3147797	0.690554	-1.44811	0.96855	1.01414	1.01414	0.0323137	0.4095062	-2.44197	0.126894	0.5553383	-1.80056	0.136006	0.564257	-1.77224		0.2273331	0.636707	-1.57058	0.196936	0.6151331	-1.62567	0.4323887	1.32987	1.32987	0.2741479	0.6667777	-1.49975	1.683654	3.38308	1.78623	1
cg12476735	ADAMTS17	0.23736	0.765982	0.938631	-1.06543	0.5544092	0.986389	-1.0168	0.218827	1.36319	1.36319	0.620458	1.12736	1.127356	0.719965	1.08537	1.08537		0.932796	1.02046	1.02046	0.0100755	2.1161	2.161	0.542756	0.862475	-1.15945	0.2286318	1.35447	1.35447	1.683653	1.53761	0.881843	1
cg13831106	MYT1L	0.23736	0.1842643	0.9981611	1.38451	0.818929	0.868074	-1.15198	0.0103448	0.9328862	-1.07197	0.8315652	1.14037	0.1721576	2.45131	2.45131		0.539006	1.46771	1.46771	0.1017667	0.54623	0.545202	2.62525	2.62525	0.350869	1.80838	1.80838	1.683655	10.1505	5.35936	1
cg05020273	TNRC18	0.23763	0.779275	0.945005	-1.0582	0.608149	0.901124	-1.10973	0.827317	0.9569711	-1.04496	0.299712	0.8054437	-1.24156	0.679081	1.08736	1.08736		0.488982	0.868044	-1.15201	0.00679845	0.4935589	-2.02598	0.399647	0.8404646	-1.18996	0.3855137	0.836024	-1.19614	1.68352	1.080668	0.5705592	1
cg18889437	PEX6	0.23764	0.2999594	0.465585	-2.14809	0.25371	0.2052775	-4.87205	0.0533793	-4.7225	0.0533793	0.174072	-5.74476	0.865206	1.19019	1.19019	1.229744		0.2357772	0.411266	-2.43102	0.0712692	0.2468768	-4.05103	0.1774426	0.3742221	0.6851	0.99239	-1.97926	0.6586099	0.727685	1.374622	1.6352	2.70934	1
cg00888818	FGF14	0.23773	0.354427	0.810665	-1.23356	0.0885534	0.571728	1.51278	0.512778	0.599748	1.23274	0.675651	0.9114458	-1.09714	0.157284	1.39545	1.39545		0.584737	1.12928	1.12928	0.322444	1.81805	0.645926	1.1073	1.1073	0.534109	1.14882	1.14882	1.683649	1.29425	0.683372	1
cg07454948	SCAMP3;SCAMP3	0.23737	0.1763372	0.8145	1.1145	0.2241	1.31803	1.31803	0.0129463	1.8865649	1.55534	0.2037287	0.6443723	-1.96783	0.0694297	0.5084153	-1.96675		0.1602839	0.7254	-1.3782	0.1554284	0.5956313	-1.67838	0.1615478	0.7526444	1.3312	1.3312

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg01880032	MGAT5	0.237736	0.062461	0.808158	-1.23736	0.402657	1.09089	1.09089	0.495982	0.932195	1.07274	0.56241	1.06129	1.06129	0.566018	0.942776	-1.06077	0.879789	1.21076	1.21076	0.187077	1.15261	0.153261	0.853887	0.985195	-1.01917	0.337775	0.004502	-1.10558	1.68205	0.274827	0.145234	1
cg27004182	LYN;LYN	0.237743	0.604374	0.794258	-1.25904	0.482124	2.70458	2.70458	0.466655	1.38814	1.38814	0.267212	0.600864	-1.66427	0.087136	0.439477	-2.29897	0.740692	0.863848	-1.15761	0.619102	1.24714	1.24714	0.469313	1.38324	1.38324	0.311774	0.630554	-1.58590	1.62502	5.17372	2.73413	1
cg21905630	GSX2	0.237744	0.182548	0.477684	-2.00934	0.495478	0.696649	-1.43544	0.543203	0.725131	-1.37906	0.281827	0.557589	-1.79344	0.094628	0.38309	-2.61035	0.418774	0.64954	-1.53955	0.0435545	0.2975B3	-3.36041	0.0548999	0.320784	-3.11736	0.0778807	0.359416	-2.78229	1.68202	7.26632	3.84	1
cg11876022	TMEM196	0.237746	0.0945519	0.607703	-1.64554	0.186158	0.683936	-1.46213	0.278258	1.35741	1.35741	0.820753	0.940345	-1.06344	0.350622	1.29743	1.29743	0.337484	1.30736	1.30736	0.683533	0.894863	-1.11749	0.0943601	0.164611	1.64611	0.3551B8	1.29406	1.68204	1.29406	1.60201	1.95692	1.03417	1
cg14408866	AP3M2;AP3M2	0.237748	0.146871	0.65368	-1.5298	0.204512	1.44139	1.44139	0.892353	0.963702	-1.03766	0.118362	0.629408	-1.58879	0.399755	0.790265	-1.2654	0.213976	0.6995G9	-1.42945	0.777556	0.925576	-1.08041	0.6684281	0.572891	-1.74553	0.0935B88	1.27153	1.27153	1.682	1.98635	1.04973	1
cg12690533	GPC6	0.237754	0.584755	1.21429	1.21429	0.113993	0.564419	-1.07173	0.173994	0.601227	-1.66332	0.842114	0.932242	-1.07268	0.207904	0.626788	-1.59544	0.780289	1.10338	1.10338	0.0375342	2.32728	2.32728	0.684884	0.848919	-1.17797	0.936968	1.02822	1.02822	1.68198	3.29707	1.74243	1
cg20119148	PDE4C	0.23776	0.249242	0.631998	-1.58228	0.377068	1.41251	1.41251	0.508125	1.29151	1.29151	0.272007	0.646822	-1.54602	0.255504	0.63615	-1.57196	0.915683	1.04118	1.04118	0.0496761	0.426057	-2.3471	0.155333	1.78493	1.78493	0.427091	0.734199	-1.36203	1.68196	3.86763	2.04398	1
cg11612244	HCCA2	0.237756	0.251461	0.634274	-1.54973	0.0799993	1.95995	1.95995	0.183054	0.520637	-1.9862	0.988405	0.994941	-1.00508	0.0376255	0.402915	-2.48191	0.717643	1.13514	1.13514	0.897105	0.993343	-1.00494	0.687228	1.15174	1.15174	0.450185	0.764478	-1.30808	1.68195	3.24511	1.7151	1
cg08340990	ACAP1	0.237763	0.825922	0.904422	-1.10568	0.167798	1.95519	1.95519	0.179266	1.91677	1.91677	0.0438918	2.87933	2.87933	0.0182958	2.62785	2.62785	0.472785	2.11512	2.11512	0.0480007	0.679777	-1.47107	0.597825	1.67281	1.67281	0.199383	0.995428	1.00459	1.68194	5.54098	2.92835	1
cg08988050	RALY;RALY	0.237766	0.0459059	0.585201	-1.70881	0.376193	0.808432	-1.23696	0.681182	0.907795	-1.10157	0.478361	0.844694	-1.18386	0.0850055	0.640202	-1.56201	0.273772	0.765913	-1.30563	0.0484043	0.589727	-1.6957	0.475754	1.18509	1.18509	0.925799	0.978423	-1.02205	1.68193	1.46068	0.731959	1
cg16063747	EMID2S	0.237768	0.253422	0.634486	1.57703	0.258825	1.58924	1.58924	0.145144	0.918199	1.08828	1.08828	0.128828	0.213679	0.340189	0.639354	0.0788826	0.2006051	-4.98377	0.0293503	0.419536	1.97226	1.97226	0.172594	0.302596	3.30474	0.169193	0.186351	0.954643	1
cg15542283	GPR133	0.237772	0.129458	0.332463	-3.00786	0.05807	0.965275	-1.03597	0.302548	0.96475	-1.04167	0.260019	0.200121	0.402603	-2.48384	0.626129	0.244511	-4.0898	0.569393	0.679408	-1.47187	0.0519944	0.226158	-4.42169	0.0527585	0.227631	-4.39308	0.381866	0.547235	-1.82737	1.68191	12.0369	6.3615	1
cg08265221	GUSB;2	0.237772	0.186071	0.68228	-1.46567	0.61332	0.870126	-1.14908	0.113709	0.625422	-1.59891	0.368508	0.777335	-1.28645	0.118906	0.58656	-1.58656	0.959394	1.04288	1.04288	0.161981	0.751079	-1.33142	0.428008	1.24692	1.24692	0.442783	0.807828	-1.23789	0.681991	1.98098	1.04905	1
cg12662072	FAM159B	0.237774	0.67088	1.09519	1.09519	0.818827	1.05002	1.05002	0.922736	1.00285	1.00285	0.610036	0.890345	-1.11564	0.605112	0.894969	-1.11736	0.489853	0.861571	-1.16094	0.0312218	0.554728	-1.80269	0.0752405	0.5241	-1.9081	0.0754B3	0.554728	-1.80269	0.0752405	0.5241	-1.9081	0.0754B3	0.908576	-1.10062	1.6819	1.20559	0.639157	1
cg16190038	FGF13;FGF13;FGF13	0.237775	0.118885	0.565095	-1.76961	0.025268	0.407753	-2.45247	0.047886	0.464979	-2.15066	0.861937	0.942994	-1.06045	0.0402522	1.0423	1.0423	0.952011	1.0205	1.0205	0.879297	1.05303	1.05303	0.551743	0.816255	-1.22511	0.966349	1.01433	1.01433	1.6819	3.02875	1.6007	1
cg13737997	SNTB1;SNTB1	0.237777	0.368472	0.691817	-1.43756	0.202039	0.610063	-1.63917	0.61859	0.821447	-1.21781	0.414473	0.539447	-1.85375	0.175515	0.560828	-1.78454	0.41305	0.737966	-1.38895	0.138757	1.86952	1.86952	0.154401	1.18511	1.18511	0.660354	1.1896	1.1896	1.6819	4.1061	2.17009	1
cg17548932	RNF113B;FARP1;FARP1	0.237775	0.0357579	1.73002	1.73002	0.483832	0.852465	-1.17307	0.229077	1.3273	1.3273	0.058941	1.61362	1.61362	0.727849	0.924621	-1.08152	0.431504	1.19734	1.19734	0.218285	1.3371	1.3371	0.529305	1.15369	1.15369	0.699727	0.916573	-1.09083	1.68189	1.34056	0.708493	1
cg24249583	MXI1;MXI1	0.237777	0.163895	0.799649	-1.25055	0.698522	0.941105	-1.06013	0.27984	1.18422	1.18422	0.990376	0.998186	-1.00182	0.203866	1.22364	1.22364	0.594897	1.4478	1.4478	0.264632	0.840749	-1.18935	0.52462	0.985858	-1.01435	0.586573	1.08615	1.08615	1.68189	0.603397	0.3188	1
cg00089444	DHRS12;DHRS12	0.237781	0.43092	1.1894	1.1894	0.365998	0.823121	-1.21476	0.093273	0.981835	-1.01855	0.213084	1.3609	1.3609	0.0425126	0.613075	-1.63112	0.178241	0.741103	-1.34934	0.554074	1.13356	1.13356	0.247242	1.28842	1.28842	0.553383	1.08245	-1.13308	1.68187	1.16871	0.67869	1
cg19703079	C10orf26;C10orf26	0.237782	0.808495	1.08272	1.08272	0.925701	0.969931	-1.031	0.472638	0.787334	-1.27011	0.275591	0.689872	-1.44954	0.036372	0.451001	-2.21729	0.84386	0.937494	-1.06667	0.335143	1.38449	1.38449	0.0752235	1.91249	1.91249	0.750163	1.11023	1.11023	1.68187	2.8538	1.50827	1
cg14322427	WASF1;WASF1;CDC40;WASF1;WASF1	0.237785	0.142888	0.52015	1.91955	0.0400858	1.44829	1.44829	0.145144	0.65016	0.804156	-1.24354	0.55801	1.57023	1.57023	0.0778826	2.308041	-1.44092	0.953488	1.02824	1.08252	1.30247	1.30247	0.309406	1.88053	1.88053	0.962097	0.97757	-1.02294	1.68185	2.00868	1.00868	1
cg18636698	LARP1;LARP1	0.237787	0.688319	0.864899	-1.1562	0.173368	0.59367	-1.68444	0.133182	0.556213	-1.79787	0.0417054	2.32806	2.32806	0.0289888	0.672883	-1.48614	0.923558	1.03515	1.03515	0.23862	0.6413	-1.55933	0.958994	1.01868	1.01868	0.734594	1.1303	1.1303	1.68185	3.451	1.82392	1
cg19302386	PLCD1	0.237789	0.427819	0.825055	-1.21179	0.32409	0.824008	-1.21353	0.0763	0.734469	-1.36206	0.38916	0.685858	1.45821	0.0362	0.610621	1.63787	0.0799727	2.50455	2.50455	0.0188423	0.879457	1.13623	1.13623	0.705599	1.41733	1.41733	0.826564	1.21009	1.68185	1.34124	0.860561	1
cg15246895	RAI1	0.237803	0.427775	-1.71977	-1.38893	0.154131	1.86586	1.86586	0.0213004	3.07421	3.07421	0.45656	1.36027	1.36027	0.23218	0.601432	1.6627	0.812387	1.10129	1.10129	0.971735	1.01448	1.01448	0.921186	0.960637	-1.04098	0.592156	0.802971	-1.24537	1.68178	4.38589	2.31811	1
cg08261132	ANO6;ANO6;ANO6	0.237805	0.947209	0.988501	-1.01163	0.735648	0.942528	-1.06098	0.553111	0.900505	-1.11049	0.257589	1.2292	1.2292	0.208319	1.26037	1.26037	0.37037	1.1743	1.1743	0.0108639	1.74827	1.74827	0.554902	1.10995	1.10995	0.799202	1.04792	1.04792	1.68178	0.812635	0.429511	1
cg09354037	TAP1;PSMB8	0.237806	0.259643	0.70377	-1.42092	0.353501	0.751865	-1.13003	0.110946	0.595227	-1.68003	0.364238	0.756884	-1.32121	0.648076	1.14716	1.14716	0.946211	1.02036	1.02036	0.863036	1.8679	1.8679	0.286362	1.39303	1.39303	0.322039	0.736665	-1.35747	1.68177	2.37726	1.25648	1
cg20564892	KCNIP2;KCNIP2	0.237814	0.910145	0.963136	-1.03827	0.0409101	2.29255	2.29255	0.115511	0.56595	-1.76694	0.882708	1.05034	1.05034	0.312554	0.707862	-1.41271	0.102424	0.551777	-1.81232	0.740549	0.895336	-1.1169	0.513964	0.802352	-1.24634	0.730934	0.891501	-1.1217	1.68174	2.94825	1.5583	1
cg25813345	ASCL1	0.237815	0.787605	0.90823	-1.10104	0.0497515	0.450325	-2.22062	0.879547	1.05554	1.05554	0.152348	0.578979	-1.72718	0.0455813	0.441684	-2.26406	0.783148	0.906342	-1.10334	0.156817	0.582873	-1.71564	0.46401	1.30428	1.30428	0.369557	0.719917	-1.38905	1.68174	3.38411	1.78868	1
cg07305719	ZNF365;ZNF365;ZNF361	0.237819	0.680997	1.23015	1.18268	0.628644	1.21996	1.21996	0.351287	0.824067	1.02406	0.0471802	2.51352	2.51352	0.0146731	0.398427	-2.50926	0.352871	1.42649	1.42649	0.0900146	0.464343	-2.15407	0.23126	1.66509	1.66509	0.163773	0.438579	-2.28013	1.68173	4.38673	2.31863	1
cg05863023	PID1;PID1	0.237816	0.94657	0.977505	-1.02301	0.292278	0.690086	-1.4491	0.316614	0.703651	-1.42116	0.632611	1.17764	1.17764	0.0443231	2.2044	2.2044	0.997731	1.00097	1.00097	0.0501211	2.13457	2.13457	0.854057	0.939402	-1.06451	0.707586	0.879921	-1.13647	1.68173	3.0697	1.62251	1
cg23502402	RUNDC3A;RUNDC3A;RUNDC3A	0.237824	0.120837	0.6977	1.43311	0.0776	1.55697	1.55697	0.0749753	1.27568	1.27568	0.0749753	1.27568	1.27568	0.0749753	1.27568	1.27568	0.0699432	1.0552	1.0552	0.0482182	2.38037	2.38037	0.0749753	1.27568	1.27568	0.0749753	1.27568	1.27568	0.0749753	1.27568	1.27568	0.0749753	1.27568	1.68172	4.6275	2.4675	1
cg04757074	CAND1	0.237827	0.225517	0.831913	-1.20205	0.976692	1.00423	1.00423	0.13457	1.26271	1.26271	0.124395	0.786199	-1.27194	0.144066	1.25471	1.25471	0.0913395	1.764271	1.30844	0.977648	0.995958	-1.00406	0.912939	0.01594	1.01594	0.875649	0.977613	-1.0229	1.68169	0.5567S1	0.294281	1
cg09528988	DDX41;DDX4;DDX4	0.237828	0.903464	1.02266	1.02266	0.936211	1.01489	1.01489	0.909529	1.02121	1.02121	0.380491	0.846965	-1.18069	0.471816	1.14465	1.14469	0.599488	1.10278	1.10278	0.0126093	1.78231	1.78231	0.216033	0.786319	-1.27175	0.788346	1.05094	1.05094	1.68169	0.907981	0.479931	1
cg20566077	ANKRD52;ANKRD52	0.237833	0.687726	0.854794	-1.16999	0.727144	0.977144	0.977144	0.83858	0.951166	1.05108	0.74565	1.00972	1.00972	0.981379	1.01203	1.01203	0.516524	1.19585	1.19585	0.0393493	0.654872	-1.52702	0.751803	1.06649	1.06649	0.194636	1.26874	1.26874	1.68168	0.801623	0.423716	1
cg04347517	EIF4A1	0.237831	0.373654	0.673956	-1.48378	0.389991	0.683446	-1.46317	0.929232	1.03913	1.03913	0.874193	0.9338	-1.07089	0.253142	0.597089	-1.67479	0.218132	1.75019	1.75019	0.0282101	3.06364	3.06364	0.252787	1.6755	1.6755	0.607488	1.2509	1.2509	1.68167	4.97226	2.62821	1
cg19449588	TSNARE1	0.237832	0.984998	0.991561	-1.00938	0.851439	0.975778	-1.04956	0.0640871	0.642785	-1.84235	0.224197	1.39018	1.39018	0.0929727	1.5001	1.5001	0.0931026	1.16066	1.16066	0.942367	0.97353	-1.0269	0.881639	-1.0187	-1.0187	0.109451	0.833	1.2244	1.61875	0.441606	1.2244	1.68167	0.588523	1.15602	1.68166	1.87677	0.992016	1
cg07907564	EIF4H;EIF4H	0.237833	0.0919155	0.611076	-1.63646	0.48974	2.20473	1.20473	0.149019	1.50801	1.50801	0.0630332	0.574014	-1.74212	0.950008	0.983494	-1.01678	0.993354	-1.00221	1.00221	0.848327	0.950444	-1.05214	0.208854	1.42143	1.42143	0.588253	1.15602	1.15602	1.68166	1.87677	0.992016	1
cg16944589	RAB3GAP1	0.237836	0.388586	1.46242	1.46242	0.190564	1.81526	1.81526	0.0193899	3.37372	3.37372	0.0653305	2.43495	2.43495	0.871298	0.912633	-1.07223	0.242982	1.69141	1.69141	0.408014	1.43913	1.43913	0.285059	1.61226	1.61226	0.219564	1.74251	1.74251	1.68165	4.92804	2.60487	1
cg23318764	BCAM;BCAM	0.237837	0.104783	0.615678	-1.6151	0.60748	0.662274	-1.441	0.181152	0.450422	-2.22012	0.145718	0.402201	-2.48607	0.0427885	0.440293	-2.27108	0.136267	0.932179	-1.07253	0.0778324	0.937853	-1.06596	0.0788102	0.272142	-3.67456	0.0881101	0.33374	-2.99634	0.379167	0.590919	0.0882	0.675858	0.78058	1
cg11775837	STXBP6	0.237837	0.35292	1.50016	1.50016	0.688079	1.18677	1.18677	0.182534	1.81505	1.81505	0.382453	1.46234	1.46234	0.214727	1.74154	1.74154	0.664243	1.41652	1.41652	0.0117104	3.42872	3.42872	0.59428	1.28459	1.28459	0.827208	0.914416	-1.09719	1.68165	4.79487	2.53448	1
cg06407657	MATN4;IRIP1L;MATN4;MATN4	0.237839	0.754932	0.832197	-1.20137	0.642224	0.94222	-1.06379	0.743763	1.14763	1.14763	0.548434	1.32288	1.32288	0.0642529	1.52188	1.52188	0.413707	1.08278	1.08278	-1.5866	0.0197994	2.52747	2.52747	0.0158859	1.07809	1.07809	0.0149436	1.26874	1.26874	1.68164	0.801623	0.423716	1
cg16604035	AHDC1	0.237844	0.388943	0.691053	-1.44707	0.769614	0.840455	-1.18983	0.935947	1.03421	1.03421	0.814487	1.10338	1.10338	0.176711	0.548236	-1.82403	0.242982	1.69141	1.69141	0.408014	1.43913	1.43913	0.285059	1.61226	1.61226	0.219564	1.74251	1.74251	1.68165	4.92804	2.60487	1
cg18318197	LHGDC	0.237847	0.0791053	0.680232	-1.47056	0.727023	1.07109	1.07109	0.515355	0.894859	0.0437891	-1.16651	0.0311059	0.617819	-1.61896	7	7	0.108295	0.712739	1.40256	0.0788542	1.40256	0.709359	1.40256	0.930194	1.07487	0.351418	0.947564	-1.27459	0.58733	0.987253	0.515986	1
cg20093275	TMEM200C	0.237857	0.264943	2.12937	2.12937	0.668902	1.31932	1.31932	0.293963	1.78218	1.78218	0.319212	1.6933	1.6933	0.0613238	3.23139	3.23139	0.102202	3.42677	3.42677	0.0555421	0.45535	0.45535	0.033998	5.61139	5.61139	0.1031	3.41087	3.41087	1.6816	12.6283	6.67531	1
cg24575275	C7orf50;C7orf50;C7orf50	0.23785	0.561824	0.739555	-1.35216	0.0129782	0.204778	-4.88333	0.295078	0.572055	-1.74808	0.708881	1.21277	1.21277	0.317104	0.587463	-1.70223	0.417847	0.653223	-1.53087	0.403153	0.644008	-1.55278	0.898259	1.06801	1.06801	0.315336	1.70578	1.70578	1.6816	7.04602	3.72451	1
cg23768458	VOPP1	0.237858	0.95777	0.989494	-1.01062	0.626864	1.21996	1.21996	0.351287	0.824067	1.02406	0.0471802	2.51352	2.51352	0.0146731	0.398427	-2.50926	0.353831	1.42649	1.42649	0.0900146	0.464343	-2.15407	0.23126	1.66509	1.66509	0.163773	0.438579	-2.28013	1.68157	4.38673	2.31863	1
cg26004359	PGLYRP2	0.237862	0.0979405	0.717903	-1.34562	0.108071	0.331273	-3.01865	0.887405	0.914595	-1.09338	0.65938	0.756152	-1.32249	0.146389	0.374403	-2.67092	0.175415	0.403332	-2.47935	0.0601737	0.262916	-3.8035	0.0542163	0.2524	-3.96197	0.783889	0.840939	-1.18915	1.68155	10.5752	5.59018	1
cg24914121	ZNF462;ZNF571	0.237862	0.189228	0.67174	-1.48551	0.207886	0.685325	-1.45916	0.693416	0.893578	-1.11935	0.958309	0.943987	-1.05982	0.543987	-1.83628	0.897762	1.03688	1.14968	1.14968	0.0195603	0.448351	-2.23189	0.416419	0.788512	-1.26651	0.912201	0.742683	-1.34647	0.974549	0.909363	-1.09912	1.68155	2.21585	1.10993	1
cg17325716	TTC32;TTC32	0.237863	0.0231833	0.519037	-1.92667	0.257355	1.33055	1.33055	0.161467	0.75427	-1.3427	0.0972833	2.803777	-1.24407	0.206888	0.72498	-1.37935	0.28281	1.30998	1.30998	0.571704	0.87103	-1.14807	0.559423	0.867093	-1.15328	0.764085	0.835237	-1.19726	1.68155	1.5546	-0.823783	1
cg23072383	SLC35E4	0.237864	0.247916	0.615977	-1.62344	0.0184164	1.34893	1.14893	0.611253	1.22828	1.22828	0.695101	0.853844	-1.17117	0.973202	0.986616	-1.01357	0.911141	0.956207	-1.0458	0.167869	0.554551	-1.80326	0.609816	0.813026	-1.22997	0.585711	1.24705	1.24705	1.68154	4.28526	2.26525	1
cg22336788	C5orf62;C5orf62	0.237872	0.0208003	0.427276	-2.34041	0.11666	0.557057	1.0057	0.962651	1.00715	1.00715	0.912761	1.15666	1.15666	0.0155056	1.24026	1.24026	0.0596308	1.52268	1.52268	-1.4272	0.0137788	0.834315	-1.19859	0.147009	0.779571	1.13666	0.0172994	0.8978	1.68154	1.71264	1.68154	0.876826	1.31467	1
cg20566283	MUPCDH;MUPCDH	0.237872	0.386714	0.650634	-1.53696	0.741545	0.85187	-1.17389	0.407374	0.663292	-1.50763	0.944726	1.03416	1.03416	0.00910197	0.200849	4.97887	0.100495	0.418303	-2.39061	0.336923	0.619041	-1.6154	0.571229	0.757913	-1.31941	0.44	0.68285	-1.46445	1.68151	6.24895	3.30335	1
cg18581937	LHGDC	0.237874	0.496481	0.793682	-1.25995	0.449575	1.29416	1.29416	0.502165	1.25633	1.25633	0.934398	0.937891	-1.06592	0.283613	0.702818	-1.42284	0.108295	0.604146	-1.65521	0.245245	0.90194	1.04096	0.740919	1.28369	1.28369	0.889338	1.04709	1.04709	1.6815	2.98271	1.57675	1
cg14575950	TGB3	0.237876	0.487496	1.22281	1.22281	0.0214812	0.454892	-2.19832	0.43395	0.796381	-1.25568	0.915121	1.03087	1.03087	0.244153	0.706474	-1.41548	0.571155	1.17728	1.17728	0.21624	1.44931	1.44931	0.859454	1.05203	1.05203	0.463387	1.23719	1.23719	1.6815	2.16559	1.14479	1
cg25317233	HMGN1	0.237876	0.0579933	0.239253	-4.17968	0.496685	0.630907	-1.58502	0.52514	0.650575	-1.5371	0.401193	0.563559	-1.77444	0.029903	0.187151	-5.50203	0.270132	0.464698	-2.15193	0.0685705	0.256488	-3.89881	0.832486	1.15184	1.15184	0.290218	0.480657	-2.08049	1.6815	11.8626	6.27092	1
cg23355166	GTF2IP1;LOC100093631	0.237878	0.0753698	0.680232	-1.47056	0.727023	1.07109	1.07109	0.515355	0.894859	0.0437891	-1.16651	0.0311059	0.617819	-1.61896	7	7	0.530003	1.17234	1.17234	0.562069	1.34399	1.34399	0.500344	1.41201	1.41201	0.700475	0.822881	-1.21524	1.68149	0.77397	0.58004	1
cg20638809	C12orf32;C12orf32	0.237882	0.130808	0.427506	-2.33915	0.0964965	0.386565	-2.58689	0.302259	0.573142	-1.74477	0.746803	0.844741	-1.18379	0.0432114	0.297805	-3.3579	0.70816	0.82132	-1.21635	0.0549507	0.321876	-3.10678	0.140421	0.437786	-2.28422	0.246415	0.531881	-1.88012	1.68147	7.22442	3.8191	1
cg27207041	MIB1;LOC1918	0.237882	0.756562	0.894104	-1.11826	0.261576	0.841376	-1.18867	0.296157	1.19429	1.19429	0.377557	0.817084	-1.22386	0.951719	1.0092	1.0092	0.63052	1.07453	1.07453	0.277653	0.845825	-1.18228	0.873559	1.24102	1.24102	0.249262	1.3826	1.3826	1.68147	1.64861	0.798474	1
cg19903854	SLC22A23;SLC22A23	0.237892	0.450503	1.25823	1.25823	0.64864	1.14689	1.14689	0.821612	0.934755	-1.0698	0.297927	1.38039	1.38039	0.0529595	0.51836	-1.92916	0.422095	1.27762	1.27762	0.0381391	2.05033	2.05033	0.921901	1.02973	1.02973	0.909596	1.0666634	-1.03452	1.68143	2.37697	1.25659	1
cg26351221	SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP;SY NCRIP;SYNCRIP	0.237893	0.562241	0.829867	-1.20501	0.485849	1.25281	1.25281	0.540144	0.820869	-1.21822	0.901867	1.04004	1.04004	0.0160287	0.393116	-2.55548	0.352097	1.35633	1.35633	0.644043	1.15962	1.15962	0.268659	0.693027	-1.44295	0.257797	0.686707	-1.45622	1.68143	2.69766	1.42612	1
cg23896164	SIM2	0.23793	0.311306	0.4489	-2.22767	0.893174	0.900794	-1.11013	0.558577	0.63615	-1.57196	0.861669	0.875151	-1.14266	0.950535	0.953672	-1.04858	0.744582	0.77883	-1.28398	0.871444	0.883527	-1.13183	0.885336	1.11643	1.11643	0.0086688	1.29142	1.29142	1.6814	15.5693	8.23083	1
cg23330034	HNRNPUL1;HNRNPUL1	0.237912	0.143828	0.695858	-1.43756	0.616668	0.811778	-1.23178	0.276145	0.999368	-1.00063	0.0577703	1.744764	1.3427	0.0130929	1.13116	1.13116	0.158885	0.604146	-1.65521	0.245245	0.90194	1.04096	0.740919	1.28369	1.28369	0.889338	1.04709	1.04709	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg13608212	GULP1	0.238139	0.573109	0.873722	-1.19457	1.150466	1.73984	1.73984	0.851551	1.06024	1.06024	0.946513	1.02117	1.02117	0.306545	1.39173	1.39173	0.599645	0.847566	-1.17985	0.0770915	0.544835	-1.83542	0.0762597	1.8513	1.8513	0.575276	0.83798	-1.19335	1.68046	2.59491	1.37259	1
cg12047425	ALPL;ALPL	0.238142	0.766738	0.916837	-1.09071	0.9905491	0.996549	-1.00346	0.795415	0.926966	-1.07879	0.633443	1.15053	1.15053	0.542547	0.98029	-1.02011	0.608213	0.859925	-1.16289	0.00816458	0.68607	2.68607	0.572979	1.18085	1.18085	0.420144	0.786316	-1.27175	1.68045	2.2672	1.19926	1
cg09922935	ZNHIT3	0.238158	0.650334	0.942084	-1.06148	0.0162658	1.46839	1.46839	0.338165	1.13778	1.13778	0.829042	0.972125	-1.02867	0.908398	0.985065	-1.01516	0.786735	0.965167	-1.03609	0.426534	1.11198	1.11198	0.168007	0.825232	-1.21178	0.492157	1.09549	1.09549	1.68038	0.45488	0.240622	1
cg08495374	FUZZ536	0.238216	0.132048	0.454112	-2.20208	0.617789	0.783246	-1.27671	0.240456	0.550547	-1.81637	0.988832	0.993226	-1.00682	0.042172	0.320853	-3.11669	0.210015	0.526478	-1.89904	0.124183	0.445524	-2.24455	0.26686	1.75397	1.75397	0.294323	0.589653	-1.69591	1.68038	6.27661	3.32021	1
cg17931972	NEK2	0.238161	0.101547	0.358493	-2.78946	0.401564	0.611825	-1.63445	0.217387	0.457852	-2.10147	0.322944	0.557525	-1.79364	0.0369399	0.249914	-4.00137	0.128997	0.391108	-2.55684	0.044033	0.266023	-3.75908	0.294003	0.536401	-1.86428	0.304163	0.543903	-1.83985	1.68037	8.71511	4.61014	1
cg14840429	HARP2	0.238163	0.300702	0.722081	-1.38489	0.947456	1.020121	1.020121	0.9582094	0.522054	-1.91551	0.844169	0.941995	-1.06151	0.017818	0.417031	-2.39802	0.766617	1.09459	1.09459	0.573549	1.18849	1.18849	0.819049	0.932788	-1.07206	0.977701	0.991549	-1.00852	1.68037	2.45367	1.29795	1
cg24045810	C14orf1;C14orf1;TTL5	0.238162	0.201604	0.645437	-1.54934	0.2515559	1.47539	1.47539	0.122676	1.72128	1.72128	0.44552	0.776858	-1.28724	0.898066	1.04249	1.04249	0.742597	0.898525	-1.11294	0.0888241	1.83933	1.83933	0.0916183	1.82774	1.82774	0.559032	1.21148	1.21148	1.68037	2.80547	1.48405	1
cg15261605	CDH23;CDH23	0.238167	0.453349	1.08999	1.508999	0.4094007	0.742756	-1.36434	0.834102	0.703877	-1.42307	0.544638	1.24126	1.24126	0.10714	0.537979	-1.85881	0.58509	0.823361	-1.2145	0.181827	0.606803	-1.64799	0.184323	0.790106	-1.40204	0.024065	0.380395	-2.56809	1.68034	3.30659	1.74916	1
cg25284528	CACNA1C;CACNA1I	0.23817	0.11333	0.59344	0.59344	0.641137	1.514991	1.514991	0.404049	0.466913	2.14173	0.767632	0.295975	0.0289719	0.102488	-9.75726	1	0.845071	1.18899	1.18899	0.004079	0.898821	-1.11257	0.687686	0.699378	-1.42984	0.0154	0.256624	-3.89675	1.68034	20.835	11.0216	1
cg05729581	CARS;CARS;CARS;CARS	0.238179	0.959644	1.00611	1.00611	0.296005	1.13943	1.13943	0.880516	1.01828	1.01828	0.305851	1.13622	1.13622	0.65053	1.05647	1.05647	0.0668115	0.78073	-1.28085	0.107188	0.800113	-1.23592	0.537764	0.927599	-1.07805	0.138031	1.21212	1.21212	1.6803	0.386134	0.204267	1
cg14596415	B3GNTL1	0.238181	0.473608	1.09855	1.09855	0.197974	1.19175	1.19175	0.0705791	1.28422	1.28422	0.288665	1.09776	1.09776	0.582648	1.0656	1.0656	0.870614	1.019	1.019	0.913893	0.959597	1.04617	1.04617	0.716667	1.39326	0.0126	1.12802	1.12802	1.68029	0.354631	0.187603	1
cg14718170	STK11IP	0.238188	0.724195	1.11338	1.11338	0.422843	0.782203	1.28148	0.294281	0.964188	-1.03714	0.0626704	0.88703	1.88703	0.262705	0.703875	-1.42071	0.626418	1.16034	1.16034	0.167312	0.640035	-1.56241	0.0800685	0.556099	-1.79824	0.578817	1.18529	1.18529	1.68027	2.44552	1.29372	1
cg19850948	PYGO1	0.23819	0.399037	1.44405	1.44405	0.0559063	0.409138	2.4805	0.544228	1.80063	1.80063	0.762313	0.880998	-1.13508	0.556262	1.28209	1.28209	0.406135	1.09544	1.09544	0.919686	1.04301	1.04301	0.203559	0.573003	-1.7513	0.0437673	0.379932	2.63205	1.68026	4.6396	2.45444	1
cg18195981	LAMP1	0.238203	0.144396	0.556003	1.79855	0.0972373	0.506123	-1.9758	0.0734669	0.474491	-2.10752	0.722286	0.875008	-1.14285	0.71149	0.870229	-1.14912	0.160719	0.570861	-1.75174	0.658561	1.18104	1.18104	0.357973	1.42432	1.42432	0.340888	1.44372	1.44372	1.68021	3.72538	1.97086	1
cg08770580	ECE2;CAMKK2;CAMK2N2	0.238207	?	?	?	0.697703	1.11701	1.11701	0.433032	1.25459	1.25459	0.6516	1.13751	1.13751	0.383093	1.2886	1.2886	0.891149	1.03958	1.03958	0.779722	0.923594	-1.08273	0.0187089	2.24298	2.24298	0.0578486	1.83662	1.83662	1.68588	1.9073	1.13134	1
cg16285203	CPNE4	0.238241	1.33204	1.33204	0.721341	0.916971	-1.09055	0.2667951	1.32316	1.32316	0.750702	1.0802	1.0802	0.0284424	1.92312	1.92312	1.92312	0.349387	1.26257	1.26257	0.33786	0.787314	-1.27014	0.362741	0.753816	-1.32658	0.586286	1.14225	1.14225	1.68018	1.55879	0.824666	1
cg09706611	FBXW8;FBXW8	0.238213	0.297573	0.531958	-1.87985	0.0564708	0.283018	-3.53335	0.758881	0.835303	-1.19717	0.601085	1.36118	1.36118	0.087803	0.332427	-3.00818	0.407475	0.609404	-1.64095	0.0864983	0.330607	-3.02474	0.28687	1.90869	1.90869	0.597712	0.732519	-1.36515	1.68017	9.09149	4.80983	1
cg17944110	CAS2;CAS2;CAS2;CAS2	0.238216	0.753661	0.930395	-1.07485	0.332839	1.23494	1.23494	0.0180994	1.83379	1.83379	0.932055	1.01818	1.01818	0.672447	1.09393	1.09393	0.453201	0.850939	-1.17517	0.166297	0.732133	-1.36587	0.985548	1.08083	1.08083	0.468601	0.855756	-1.16856	1.68015	1.18741	0.628201	1
cg20208169	ZNF267	0.238221	0.0559691	0.554122	-1.80431	0.536393	1.14296	1.14296	0.413131	1.1955	1.1955	0.910624	0.924525	0.0207449	0.954559	1.04576	1.04576	0.354641	1.13463	1.13463	0.0694313	0.648277	-1.54253	0.433289	1.18607	1.18607	0.31844	0.810107	-1.23441	1.68014	1.12197	0.641203	1
cg24201890	OTOP3	0.238221	0.530126	0.623809	-1.60305	0.0402483	0.172319	-5.8032	0.299089	0.449972	-2.22236	0.320899	0.467207	-2.14038	0.0668463	0.217726	-4.59293	0.33214	0.468178	-2.13594	0.0844454	0.242628	-4.12154	0.43032	0.55029	-1.81722	0.42874	1.82111	1.82111	1.68014	14.6506	7.75101	1
cg09058241	NCRNA00087	0.238226	0.184287	0.35645	-2.80544	0.2743178	0.774376	-1.29144	0.228186	0.393449	-2.54128	0.13774	-7.25544	0.229186	0.39683	-2.52002	0.442332	0.0918968	0.256878	-3.89322	0.0124012	0.194883	-5.13088	0.0457273	0.5964	-1.67662	0.14012	1.51088	0.645273	1.40428	1.68012	14.2563	7.55308	1
cg03543495	FUT4	0.238227	0.654001	0.686154	-1.4574	0.0357795	7.68723	7.68723	0.599282	0.642335	-1.55682	0.962488	0.961496	-1.04005	0.778926	1.26485	1.26485	0.161093	0.34803	0.348903	0.259695	0.266875	0.266875	0.046063	0.74287	0.574282	0.758842	1.29315	1.29315	1.68011	18.5466	9.81235	1
cg23450551	MIR548F5;DCLK1	0.238253	0.201582	0.484575	-2.06455	0.19099	0.497525	0.49526	0.0266491	0.351709	0.351709	0.131179	0.81542	1.15027	0.0107455	0.220704	0.220704	0.0302757	0.550687	-1.81662	0.0256695	0.307779	-3.247	0.0165765	0.372504	-2.68454	0.0428343	0.582623	-1.71638	1.68011	2.98371	1.77609	1
cg23743670	MGC21881	0.238234	0.117644	0.347281	-2.87951	0.206312	0.436213	-2.29246	0.491382	1.54494	1.54494	0.0843574	0.304743	-3.28145	0.24839	0.47191	2.11905	0.571164	1.42789	1.42789	0.0764766	0.293325	-3.40919	0.160431	0.39328	-2.54272	0.373376	0.566248	-1.76601	1.68008	10.3067	5.45303	1
cg01794103	TBC1D28;TBC1D28	0.238235	0.807786	0.899936	-1.12368	0.0277841	0.56708	0.567008	0.143263	0.66606	1.66606	0.418765	0.505457	-1.98572	0.578412	0.629004	-1.58982	0.676882	0.707431	-1.41157	0.47247	0.546869	-1.82859	0.188252	0.76281	1.31281	0.652996	0.68813	-1.45321	1.68008	18.1497	9.60254	1
cg23771029	FBXO	0.238238	0.523283	0.813635	-1.22935	0.102313	1.66097	1.66097	0.0990503	1.81206	1.81206	0.460229	1.27088	1.27088	0.314746	0.717889	-1.39297	0.0501831	2.0378	2.0378	0.446041	1.28605	1.28605	0.651765	1.55586	1.55586	0.188818	1.55608	1.55608	1.68007	2.70467	1.43088	1
cg10090256	FFCA810	0.238244	0.263909	0.694009	-1.4409	0.173452	1.57881	1.57881	0.0566944	0.508361	-1.9671	0.862582	1.05584	1.05584	0.731511	1.11408	1.11408	0.188573	0.646007	-1.54797	0.138422	1.64927	1.64927	0.80583	1.08031	1.08031	0.967807	1.01274	1.01274	1.68004	2.6177	1.38499	1
cg00561803	EXD3	0.238245	0.505363	0.725157	-1.38597	0.0477995	1.23001	1.23001	-1.2932	0.0078001	1.23001	0.528358	1.89483	1.89483	0.111771	0.528358	-1.89337	0.632654	0.781421	-1.27972	0.508051	0.48218	-2.07391	0.449826	1.45419	1.45419	0.149102	0.68564	-1.45819	1.68003	6.20564	3.28357	1
cg27128560	COL17A1	0.238253	0.140543	0.319542	-3.12948	0.43037	0.560334	-1.78465	0.357497	0.506124	-1.9758	0.795166	1.20585	1.20585	0.230235	0.400755	2.49529	0.110859	0.286488	-3.49055	0.0164538	0.121318	-8.24277	0.237514	0.398564	-2.50901	0.679679	0.741719	-1.34822	1.68001	13.7789	7.29037	1
cg16025118	RBM19;RBM19;RBM19	0.238253	0.263658	0.549347	-1.82034	0.203399	0.501481	-1.99409	0.678867	1.23865	1.23865	0.550066	0.732808	-1.36461	0.0142584	0.211418	-4.72997	0.300573	0.576111	-1.73578	0.0941971	0.388319	-2.5752	0.479161	0.690845	-1.4475	0.461563	0.680227	-1.4701	1.68001	7.03198	3.7206	1
cg24882192	MYO7B	0.238254	0.689451	1.15486	1.15486	0.28032	0.774378	-1.29144	0.45121	0.828194	1.20743	-1.04893	0.885599	1.12907	0.0539914	0.9003	-1.11066	0.758047	1.07028	1.07028	0.675394	0.802227	-1.24657	0.607015	0.802227	-1.24657	0.607015	0.802227	-1.24657	1.68001	0.68015	0.28317	1
cg12406628	EFCAB8	0.23826	0.0887052	0.23234	-4.30403	0.11223	0.259612	-3.8519	0.405152	0.515957	-1.93815	0.967383	1.03229	1.03229	0.636887	0.151924	-6.58225	0.970134	1.02863	1.02863	0.75834	0.786731	-1.27108	0.463525	1.78597	1.78597	0.140922	2.292024	-3.42438	1.67998	16.075	8.50538	1
cg22609510	HIST1H4H	0.238263	0.0197318	0.176545	-5.66195	0.0125	0.131114	0.131114	0.0041001	0.085282	0.085282	0.015	0.032	0.032	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	1.67998	0.0004	0.0004	1
cg10832186	PRUNE	0.238263	0.101153	0.373639	-2.67638	0.0797393	0.344239	-2.90495	0.208315	0.483124	-2.06986	0.73935	0.83267	-1.20096	0.0265884	0.236599	-4.22656	0.486738	0.67872	-1.47336	0.11371	0.38914	-2.56977	0.975288	0.983156	-1.01713	0.602551	0.749668	-1.33392	1.67997	0.00235	4.23412	1
cg22900115	UNC93A;UNC93A	0.238268	0.0495238	0.388004	-2.57199	0.401911	0.696534	-1.43568	0.134062	0.506051	-1.97608	0.0998411	0.467578	-2.13868	0.0280935	0.335073	-2.98442	0.304538	0.638758	-1.56554	0.802167	0.899582	-1.11163	0.421562	0.707442	-1.41354	0.459431	0.727949	-1.37372	1.67995	4.72797	2.50165	1
cg13718321	ADA	0.238272	0.0800203	0.341744	-2.92705	0.446449	0.795144	-1.25763	0.112203	0.599978	-1.6679	0.817804	0.955053	-1.0464	0.991571	0.98688	-1.00313	0.0456984	1.9674	1.9674	0.59142	0.833103	-1.17219	0.467514	0.730008	-1.24405	0.629432	0.866216	-1.15445	1.67993	2.3153	1.22837	1
cg07295034	SMG1	0.238273	0.894233	1.02035	1.02035	0.0671301	1.36438	1.36438	0.134125	1.27712	1.27712	0.432965	1.12881	1.12881	0.836379	1.03181	1.03181	0.540892	0.910529	-1.09826	0.247999	0.832878	-1.20066	0.158388	1.25648	1.25648	0.0948977	1.32036	1.32036	1.67993	0.610007	0.322768	1
cg24331189	TERC	0.238273	0.0717544	0.330195	-3.02763	0.583423	0.819004	-1.2196	0.0778004	0.49543	-2.01853	0.653206	1.15763	1.15763	0.0915504	0.224509	-4.45452	0.130021	0.588011	-1.69776	0.236067	0.165668	-6.03825	0.0427259	0.730672	1.36872	0.0776407	0.714144	-1.40027	0.72125	0.90959	-1.09943	0.679575	1.68496	0.386792	1
cg10551883	CAPS2	0.238274	0.513414	0.864052	-1.15734	0.0619219	0.10158	-1.01058	0.182729	1.3658	1.3658	0.19069	0.736756	-1.3573	0.356799	1.23239	1.23239	0.0459507	0.603909	-1.65588	0.145887	0.730636	-1.40719	0.602629	1.12278	1.12278	0.484974	1.04352	-1.04352	1.67993	1.29329	0.684308	1
cg13733787	TRAPPC9;TRAPPC9 -MAPT;MAPT;MAPT;MAPT;STH;MAPT;	0.238275	0.519551	0.747767	-1.33731	0.451147	0.71049	-1.40748	0.306538	0.624191	-1.60207	0.809564	1.11348	1.11348	0.007762	0.218255	-4.58179	0.60702	0.793761	-1.25983	0.891843	1.06244	1.06244	0.569983	1.29124	1.29124	0.90737	0.949498	-1.05319	1.67992	5.27359	2.79038	1
cg01098886	MAP7	0.238278	0.796582	1.10206	1.11026	0.0828245	2.176429	2.176429	0.0545857	2.414488	2.414488	0.161086	0.545497	-1.83319	0.3231	1.51171	1.51171	0.484302	0.749428	-1.33346	0.963025	0.981495	-1.08195	0.586921	1.24872	1.24872	0.429291	0.721304	-1.38638	1.67991	4.36179	2.30795	1
cg00475307	MTMR14;MTMR14;MTMR14	0.23828	0.427937	0.878647	-1.13859	0.0236467	0.618548	0.618548	0.0443545	0.744205	0.744205	0.0977847	0.464654	-1.33402	0.307521	2.08185	2.08185	0.145386	0.474406	-2.10782	0.0134318	0.0854644	0.14386	0.14386	0.14386	0.14386	0.14386	0.14386	0.14386	1.67989	0.45579	0.24122	1
cg12621303	DSCAML1	0.238281	0.982266	0.988004	-1.01214	0.0204811	0.21956	-4.55456	0.0508933	0.29892	-3.34538	0.79904	1.14857	1.14857	0.459854	0.6645912	1.50468	0.866293	0.912565	-1.09581	0.474306	0.673622	-1.48451	0.239314	0.512187	-1.95241	0.646528	1.28494	1.28494	1.6799	3.74845	4.15028	1
cg04073608	MALAT1	0.238287	0.143807	0.842307	-1.18722	0.454664	1.08661	1.08661	0.725053	1.03934	1.03934	0.183569	0.857128	-1.16669	0.924597	1.09289	1.09289	0.707393	0.959635	-1.04206	0.315705	0.893236	-1.11952	0.618992	1.05631	1.05631	0.0147439	1.29236	1.29236	1.67987	0.317658	0.168086	1
cg10997810	SEPT9;SEPT9	0.23829	0.0614095	0.345122	-2.89753	0.826103	0.894868	-1.11748	0.798401	0.87879	-1.13793	0.338093	0.600698	-1.66473	0.261424	0.553646	-1.80621	0.156198	0.464917	-2.15068	?	?	?	0.228278	1.89341	1.89341	0.0976952	0.399598	-2.50251	1.68554	6.04736	3.58778	1
cg03360728	ABTB2	0.238294	0.10152	0.511373	-1.95573	0.0892417	0.724518	-1.38049	0.245228	0.443824	2.25383	0.0643828	0.185931	-5.38511	0.174014	0.75584	-1.32308	0.0756144	0.29625	-3.37477	0.0197914	0.0600	-16.6667	0.0073192	0.3153	-3.17193	0.0053678	0.58267	-1.71605	1.68053	13.0716	7.75103	1
cg00480525	SCRN1;SCRN1;SCRN1;SCRN1	0.238295	0.518878	0.639678	-1.56329	0.33153	1.98274	1.98274	0.50314	1.59081	1.59081	0.950607	0.95856	-1.04323	0.884829	0.905721	-1.10409	0.610743	1.42009	1.42009	0.462717	1.66651	1.66651	0.0141395	0.126338	-7.9153	0.3632555	1.89342	1.89342	1.67984	12.4186	6.5713	1
cg20099832	SDCCAG8;AKT3	0.238299	0.434664	1.31185	1.31185	0.0109356	3.00079	3.00079	0.107747	1.87749	1.87749	0.364554	1.37386	1.37386	0.0440284	1.16237	1.16237	0.152033	0.564444	-1.77128	0.0625796	1.49499	1.49499	0.619661	1.18578	1.18578	0.41119	1.3313	1.3313	1.67983	3.58506	1.61247	1
cg01475577	SMO	0.238303	0.143821	0.532953	-1.87617	0.0268526	0.433384	-2.30742	0.321965	0.768431	-1.30135	0.309176	0.652367	-1.53288	0.0812315	0.485446	-2.06012	0.152033	0.564444	-1.77128	0.0625796	1.49499	1.49499	0.619661	1.18578	1.18578	0.41119	1.3313	1.3313	1.67983	3.58506	1.61247	1
cg12904795	VPS54;VPS54	0.238313	0.473989	0.795776	-1.25664	0.313668	0.721156	-1.38666	0.693543	1.13229	1.13229	0.348556	0.738786	-1.35357	0.0185921	0.408536	-2.44777	0.274388	0.69993	-1.42872	0.777279	0.947178	-1.09304	0.170997	1.57979	1.57979	0.75533	0.906592	-1.10303	1.67981	2.61818	1.38544	1
cg08313730	SMOC2;SMOC2	0.238317	0.888721	0.95984	-1.04178	0.6464147	1.78417	1.78417	0.536418	1.08257	1.08257	0.31802	0.912703	-1.09559	0.666379	1.02502	1.02502	0.258843	1.14475	1.14475	0.0525804	0.0859	-11.6414	0.0139757	0.29295	-3.41359	0.0135186	0.18744	-5.33511	0.68677	1.67977	0.0936606	-1.11779	0.622723	1.13121	0.6798	0.0879445	1
cg05870135	RND3	0.238321	0.722843	1.13229	1.13229	0.530963	1.24785	1.24785	0.90092	1.04441	1.04441	0.309898	1.44282	1.44282	0.0162237	2.78926	2.78926	0.119851	1.80173	1.80173	0.594267	0.828969	-1.20632	0.726501	0.88469	-1.13034	0.157573	1.69425	1.69425	1.67978	3.23828	1.7136	1
cg03183188	TRIM29	0.238321	0.52572	0.843465	-1.18599	0.7232107	1.09916	1.09916	0.0768872	0.939825	-1.06373	0.683925	0.7509	-1.33179	0.0759333	1.07863	1.07863	0.178019	0.685206	-1.45942	0.0707593	1.70672	1.70672	0.225922	0.714148	-1.40027	0.72125	0.90959	-1.09943	1.67975	1.8649	0.986792	1
cg10581650	KIAA1280	0.238319	0.100886	0.46028	-2.17259	0.228221	0.308389	-3.24266	0.15582	0.519051	-1.92659	0.746738	0.869419	-1.15019	0.208147	0.563788	1.77372	0.434126	0.708469	-1.41149	0.744375	0.868236	-1.15176	0.364681	0.668817	-1.49518	0.401342	1.4491	1.4491	1.67975	4.9612	2.62536	1
cg09634202	FAM171A1 -BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.23833	0.569027	0.863685	-1.15783	0.554005	1.16464	1.16464	0.256018	0.739418	-1.35241	0.337344	0.777363	-1.2864	0.995645	1.00139	1.00139	0.907265	1.03012	1.03012	0.0161618	2.11535	2.11535	0.27936	1.33156	1.33156	0.996788	0.998976	-1.00103	1.67971	1.72461	0.91265	1
cg10133674	AR1;BCAR1;BCAR1;BCAR1	0.23833	0.729906	1.16616	1.16616	0.0800474	0.514436	0.514436	0.194151	1.83904	1.83904	0.947739	0.971346	-1.0295	0.918955	1.04617	1.04617	0.844865	1.09077	1.09077	0.645434	1.22812	1.22812	0.650694	1.22406	1.22406	0.493832	0.735868	-1.35894	1.67971	5.23293	2.76923	1
cg17657557	KNDC1	0.238319	0.936339	0.96191	-1.03956	0.7601501	1.03182	1.03182	0.824098	1.03089	1.03089	0.840796	0.940947	-1.06312	0.515078	1.06401	1.06401	0.937402	1.08211	1.08211	0.0880245	1.18761	1.18761	0.0897246	1.62061	1.62061	0.0107437	1.47587	1.47587	1.67967	0.761256	0.402853	1
cg08248181	ITGB1BP3	0.238334	0.237299	0.718415	-1.39195	0.0235399	0.0595	0.0595	0.478376	0.1213	0.1213	0.373531	0.12636	0.12636	0.223822	1.40687	1.40687	0.347802	0.772429	-1.29462	0.851816	0.951275	-1.05122	0.604648	0.867782	-1.14971	0.595882	1.1537	1.1537	1.67969	1.89815	1.0045	1
cg08462306	BTBD19;TCTEX1D4	0.238335	0.709304	0.797769	-1.28243	0.673865	0.754892	-1.32469	0.00949154	0.112698	-8.87331	0.308757	0.496695	-2.01331	0.281855	0.475719	-2.10208	0.449289	0.57882	-1.72882	0.617273	1.39749	1.39749	0.191913	0.60909	0.606909	0.866667	0.89438	-1.11809	1.67968	11.7391	6.21234	1
cg00692279	IL17REL	0.238337	0.140137	0.96227	-1.03934	0.9599	0.997337	0.918443	0.62479	0.726272	-1.37607	0.241301	0.728211	-1.38256	0.0139216	0.402507	2.48407	0.74122	0.995	0.995	0.984396	0.98101	0.98101	0.0540409	0.72777	0.72777	0.537	1.37377	1.37377	1.6796	0.484725	0.25465	1
cg15837109	SCGS;SCGS	0.238368	0.280007	0.424259	-2.35705	0.0140246	0.0986804	-10.1337	0.0839587	0.23224	-4.30589	0.565228	0.641554	-1.55872	0.220167	0.373723	-2.67578	0.306798	0.445852	2.2429	0.24297	0.39343	-2.54175	0.27802	0.422636	-2.3661	0.953623	0.956568	-1.0454	1.67956	15.5056	8.20622	1
cg10329600	DSC90	0.238373	0.152902	0.358498	-2.79055	0.85188	0.574887	-1.74005	0.473735	0.629468	-1.58877	0.664557	0.744652	-1.34281	0.201979	0.753448	-1.32753	0.153468	0.312244	-3.20192	0.0402	0.0759	-13.1752	0.0125	0.2703	-3.69895	0.0104	0.45148	-2.21495	0.75574	0.2466	-4.05396	1
cg04329105	GPR135	0.238376	0.178633	0.484645	-2.06337	0.743173	0.18136	0.18136	0.0866898	0.640953	2.60953	0.579545	0.753	-1.32802	0.383901

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change1 (1047 vs. N)	p-value(1057 vs. N)	Fold-Change2 (1057 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change3 (1127 vs. N)	Ratio(1127 vs. N)	p-value(1217 vs. N)	Fold-Change4 (1217 vs. N)	Ratio(1217 vs. N)	p-value(3477 vs. N)	Fold-Change5 (3477 vs. N)	Ratio(3537 vs. N)	p-value(5377 vs. N)	Fold-Change6 (5377 vs. N)	Ratio(5377 vs. N)	p-value(5637 vs. N)	Fold-Change7 (5637 vs. N)	Ratio(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	
cg27644494	IBTK	0.218604	0.4818734	0.8908882	-1.12248	0.153719	1.2358	0.726945	1.095025	0.502158	1.10018	1.0158194	1.11196	1.11196	0.0707847	1.12621	1.32621	0.134529	0.798008	-1.25312	0.244127	0.843124	-1.18578	0.504333	0.909603	-1.09958	0.167863	0.519885	0.272596	1
cg02691489	SfpQ	0.218605	0.393114	0.798222	-1.25278	0.2216336	9.53158	9.53158	0.04730329	0.63868	0.38806	0.959351	1.04255	1.04255	0.590395	0.641778	-1.55917	0.540245	1.55992	1.55992	0.4691055	1.10708	1.10708	0.846021	0.85304	-1.17226	0.6237071	0.666894	17.769	0.40929	1
cg27873692	KIAA1549;KIAA1549	0.218606	0.8539301	0.9003133	-1.11095	0.216687	0.476165	-2.10011	0.8864459	0.921687	-1.08497	0.662301	1.31455	1.31455	0.441752	0.640644	-1.56093	0.564849	1.39398	1.39398	0.2740171	1.31481	1.91481	0.0558556	3.44352	3.44352	0.1840044	1.66439	1.66439	1.67862	8.66162	4.58863	1
cg26795524	RBM12B	0.218608	0.215706	0.8309	-1.20425	0.8625688	0.975592	-1.02502	0.8552662	1.02687	1.02687	0.974964	1.00449	1.00449	0.172314	1.23024	1.23024	0.311626	1.61603	1.61603	0.148122	0.8014817	-1.24769	0.46591	0.8995566	-1.11165	0.0513524	1.37224	1.37224	1.67861	0.5409115	0.286435	1
cg00582583	CBFA2T3;CBFA2T3	0.218609	0.245241	0.31017	-3.22403	0.4242627	2.19455	2.19455	0.6189975	0.617015	-1.62071	0.375019	2.40355	2.40355	0.111773	3.08661	3.08661	0.1130258	3.30193	3.30193	0.0239	1.119561	0.196558	-5.08755	0.0404311	0.10231	-9.77424	0.434413	0.463857	2.15584	0.731545	0.719573	-1.38971	0.76561	2.44684	0.261469	1
cg00292568	SFRS12IP1;SDCCAG10	0.218611	0.4620058	0.8145513	-1.22773	0.0170531	0.450677	-2.21888	0.1197	0.629611	-1.58828	0.917086	0.971867	-1.02895	0.290601	0.740415	-1.35059	0.553454	0.8485111	-1.17853	0.0696027	0.5734224	-1.74391	0.37518	0.779253	-1.28328	0.976345	1.00816	1.008161	0.78586	1.99642	1.05719	1
cg03921839	PRDM16;PRDM16	0.218612	0.679122	1.18069	1.28569	0.1542521	0.55181	-1.81322	0.6315109	0.736746	-1.35732	0.990213	1.00596	1.00596	0.698002	1.261	1.261	0.859947	0.900291	-1.11075	0.0160034	5.77663	5.77663	0.101289	0.5155581	-1.86713	0.2618869	0.502234	-1.99906	1.6786	9.40376	4.9797	1
cg11961255	SYT11	0.218617	0.3824117	0.8576582	-1.16593	0.107656	1.30279	1.30279	0.0425118	1.42199	1.42199	0.175521	1.69755	1.69755	0.0188066	1.96454	1.96454	0.572189	0.7565356	0.9541163	-1.04804	0.314132	0.854753	-1.16992	0.363294	1.15126	1.15126	0.430259	1.12905	1.12905	1.67857	0.60422	0.319966	1
cg11677744	SH3BP4	0.218621	0.203026	0.509949	-1.96098	0.0153365	0.225046	-4.44354	0.279093	0.56895	-1.75762	0.655393	0.798427	-1.25246	0.277072	0.567492	-1.76214	0.170925	0.4815583	-2.07649	0.0963684	0.4005541	-2.49663	0.210055	0.515829	-1.93863	0.73946	0.845977	-1.18207	1.67856	6.67688	3.53577	1
cg20822455	ZNF697	0.218622	0.3653252	0.7972	-1.25436	0.1679912	1.36586	1.36586	0.0172613	1.51544	1.51544	0.0188964	1.68399	1.68399	0.0252613	1.91444	1.91444	0.0289944	2.1604211	2.1604211	0.0048	1.124877	1.78233	1.78233	0.1542829	1.85659	1.85659	0.193663	1.12618	1.67856	1.12618	0.975676	1.00164	3.21729	1.70374	1
cg02299940	CHP2	0.218637	0.4299999	1.47949	1.47949	0.193705	1.05406	1.05406	0.541707	0.74055	-1.35035	0.051689	0.34057	-2.93625	0.629253	0.751405	-1.33079	0.2370345	0.8263384	1.82638	0.118192	0.438308	-2.2815	0.0385711	0.4069	4.0069	0.36326	1.71813	1.71813	1.67819	8.91778	4.7235	1
cg04768194	ASH2L;ASH2L	0.218638	0.374681	1.147159	1.11359	0.6337954	0.944001	-1.05831	0.72829	0.959565	-1.04204	0.349307	1.12045	1.12045	0.124902	1.12049	1.12049	0.712282	1.04471	1.04471	0.7	0.959858	1.10596	1.10596	0.1042255	0.959819	-1.42894	0.307304	1.1462	1.1462	0.786093	0.96839	-1.03264	0.87649	0.370646	0.169285	1
cg03165190	UBE2F	0.218641	0.515052	1.25123	1.25123	0.197715	0.629845	-1.58769	0.0311573	0.531662	-1.88089	0.0544658	0.476716	-2.09769	0.141299	0.584437	-1.71105	0.5003131	1.26147	1.26147	0.3184146	0.7044553	-1.41954	0.873112	1.05577	-1.05577	0.2363002	0.656168	-1.524	1.67848	3.06457	1.62293	1
cg03108697	SWAP70	0.218641	0.148997	0.45726	-2.18694	0.103376	0.406282	-2.46135	0.397084	1.5503	1.6031	0.0973	2.13	2.13	0.0001	3.26	3.26	0.0001	4.24	4.24	0.0001	0.866149	0.918239	-1.08904	0.703515	0.820806	1.1147	1.1147	0.484813	0.698416	-1.43181	1.67848	6.79628	3.55917	1
cg02150767	TEX74	0.218643	0.756918	1.85778	-1.1654	0.0868622	0.42333	-2.36222	0.514763	0.74065	-1.35017	0.818232	1.50604	1.50604	0.0001	2.45	2.45	0.825472	1.10558	1.10558	0.0052	0.825472	1.10558	1.10558	0.0052	0.825472	1.10558	1.10558	0.0052	1.67848	0.5907	2.9079	1.51859	1
cg00895187	MRPL15	0.218642	0.384833	1.97992	1.97992	0.768252	1.25327	1.25327	0.295172	0.43442	-2.30192	0.299862	2.28191	2.28191	0.670255	1.38736	1.38736	0.695539	0.740378	-1.35066	0.0662785	4.96152	4.96152	0.0852616	4.37532	4.37532	0.0657516	4.98267	4.98267	1.74059	15.74	7.03337	1
cg07236476	SNORD43;RPL9;RPL9	0.218651	0.17673	1.64247	1.64247	0.300702	0.807487	-1.23841	0.56884	0.839561	-1.22056	0.601809	0.833669	-1.19972	0.117787	0.556217	-1.79818	0.55746	1.20218	1.20218	0.0869671	0.528409	-1.91516	0.185374	0.61544	-1.62485	0.219526	1.56227	1.56227	1.67844	3.17402	1.68093	1
cg15409712	NFKB1;NFKB1	0.218652	0.0689388	2.204016	-4.60157	0.7299905	0.762942	-1.31072	0.663161	1.48821	1.48821	0.167754	1.31737	-1.31737	-1.31562	0.050061	0.174662	-5.72535	0.450115	0.548268	-1.82392	0.0237227	0.208902	-4.78694	0.910218	0.915675	-1.09209	0.176781	0.525852	-1.90188	1.67844	16.2128	8.58616	1
cg19011844	GAS7	0.218653	0.963767	0.97854	-1.02193	0.65919	0.808999	-1.2161	0.238765	1.8026	1.8026	0.309613	0.605244	-1.65223	0.0455388	0.33451	-2.98945	0.567597	1.31773	1.31773	0.0793967	2.53431	2.53431	0.486454	0.713408	-1.40172	0.784266	1.14003	1.14003	1.67844	6.06253	3.21068	1
cg07798618	PDCML;DCAF15;PDCML1	0.218666	0.269361	0.612024	-1.63323	0.1234214	1.94884	1.94884	0.164407	1.43202	1.43202	0.130992	0.684354	-1.46138	0.0719343	0.488585	-2.04673	0.277632	0.659578	-1.51612	0.496082	1.29016	1.29016	0.0993182	0.979126	-1.01756	0.930214	1.3816	1.3816	1.67838	3.6151	1.91269	1
cg22059438	SLC39A4;SLC39A4	0.218672	0.115671	0.572143	-1.74781	0.3602533	0.735572	-1.35949	0.0654141	0.508033	-1.96451	0.344613	0.727818	-1.37997	0.0790442	0.529038	-1.89022	0.848833	1.06429	1.06429	0.379358	1.34239	1.34239	0.155254	0.608611	-1.64309	0.225026	0.65963	-1.516	1.67836	2.83379	1.50082	1
cg11784742	SNCG	0.218677	0.699769	0.915866	-1.09186	0.5585806	0.874424	-1.14361	0.27081	1.29697	1.29697	0.312063	0.78885	-1.26767	0.643218	1.111559	1.111559	0.67127	1.10166	1.10166	0.0465315	0.596283	-1.67706	0.129325	0.689563	-1.45019	0.0928797	0.657489	-1.52094	1.67834	1.3673	0.724157	1
cg27269903	NCRP;SYNCRIP	0.218682	0.240402	0.569189	-1.75627	0.229563	0.561209	-1.78187	0.411593	1.46916	1.46916	0.357416	0.648128	-1.54291	0.0925452	0.428188	-2.33542	0.647687	1.23469	1.23469	0.0842794	0.355554	-2.81251	0.106338	0.445734	-2.24349	0.658943	0.815851	-1.22571	1.67832	5.58055	2.95562	1
cg10307345	PTPN5;PTPN5;PTPN5	0.218684	0.6914717	1.427786	1.3765	0.2030829	0.289021	-3.45955	0.059715	0.878788	-1.13826	0.624005	0.749643	-1.33447	0.0127225	0.597742	-1.67311	0.501655	1.07825	1.07825	0.2966	0.748231	-1.82405	0.0647891	0.726308	-1.37683	0.39547	0.67192	-1.48827	1.67832	5.54883	2.93884	1
cg01862366	TMEM20;TMEM20	0.218687	0.483332	0.918918	-1.08824	0.805719	1.02968	1.02968	0.87989	1.01811	1.01811	0.062852	1.28201	1.28201	0.851081	1.02256	1.02256	0.544596	0.929798	-1.0755	0.214744	0.856397	-1.16768	0.17681	0.843314	-1.1858	0.0846941	1.25399	1.25399	1.6783	0.374499	0.198348	1
cg25666019	ORAI2;ORAI2	0.218688	0.6448884	1.229445	-1.41609	0.3307752	0.836229	-1.19581	0.4425	0.7893552	-1.26685	0.2625694	0.450344	-2.22007	0.0967333	0.2700313	-3.70095	0.613839	0.693158	-1.44267	0.1836342	0.374667	-2.67119	0.147995	0.324868	-3.07791	0.1634432	0.324268	-3.08427	1.67831	3.6335	2.1228	1
cg18129961	BDKRB1	0.218692	0.396655	0.853238	-1.17201	0.669763	0.924555	-1.08164	0.3044108	1.02201	1.02201	0.302635	0.822623	-1.21562	0.308321	0.824634	-1.21266	0.45503	1.14929	1.14929	0.0201281	1.666964	1.666964	0.026391	0.983245	-1.01704	0.2975119	0.820792	1.21834	1.67828	1.888782	0.470736	1
cg21532103	LRRFIP1	0.218694	0.120365	0.59893	-1.66944	0.348172	0.745366	-1.34162	0.972535	1.01053	1.01053	0.567061	0.838589	-1.19248	0.00798155	0.355369	-2.81398	0.500041	0.812134	-1.23102	0.785361	0.920297	-1.08661	0.80599	0.927864	-1.07774	0.466426	0.798117	-1.25295	1.67827	2.46065	1.30327	1
cg12013757	KRI1	0.218696	0.5914305	1.2054	-1.41609	0.3307752	0.836229	-1.19581	0.4425	0.7893552	-1.26685	0.2625694	0.450344	-2.22007	0.0967333	0.2700313	-3.70095	0.613839	0.693158	-1.44267	0.1836342	0.374667	-2.67119	0.147995	0.324868	-3.07791	0.1634432	0.324268	-3.08427	1.67827	3.6335	2.1228	1
cg18495682	C13orf15	0.218699	0.495954	0.852636	-1.17283	0.050841	0.598682	-1.67034	0.0840102	0.64009	-1.56228	0.571353	0.876417	-1.14101	0.94756	0.928236	-1.07731	0.41522	1.21172	1.21172	0.0436908	0.585829	-1.70698	0.502567	0.85478	-1.16989	0.908902	1.02675	1.02675	1.67825	1.41346	0.748639	1
cg05814644	PTP4I	0.218703	0.7690425	1.3365	-1.3365	0.1000135	0.623207	-1.6046	0.0674037	0.568651	-1.76312	0.559353	0.980548	-1.02041	0.0853753	0.585463	-1.70802	0.810108	1.21566	1.21566	0.1855	0.831008	1.20168	1.20168	0.0916687	0.840797	-1.18936	0.855842	1.2912	1.2912	1.67825	1.05105	0.525	1
cg24021105	RNF14;RNF14;RNF14;RNF14;RNF14	0.218704	0.982305	0.994051	-1.00598	0.100129	1.623681	1.623681	0.165698	1.48847	1.48847	0.0856069	0.599771	-1.6673	0.248882	1.38302	1.38302	0.659657	0.887599	-1.12663	?	?	?	0.31082	1.32595	1.32595	0.497761	1.20345	1.20345	1.68387	7.17594	1.01904	1
cg04273422	TUBB4	0.218716	0.6418443	0.7626167	-1.3117	0.0622441	0.373706	-1.37306	0.146754	2.46484	2.46484	0.96572	1.02521	1.02521	0.909719	1.06791	1.06791	0.450226	1.5615	1.5615	0.100057	2.81995	2.81995	0.0385711	4.0069	4.0069	0.36326	1.71813	1.71813	1.67819	8.91778	4.7235	1
cg07745624	KCNIP4	0.218717	0.661073	1.2966	-1.2966	0.1966	0.837881	1.93953	1.93953	0.552597	1.83915	1.83915	0.126205	1.02291	1.00093	1.03089	1.03089	0.499387	0.807491	-1.2384	0.0118967	0.375694	-2.66174	0.0170246	0.389976	-2.5639	0.0792466	0.388019	-2.57475	1.67817	2.58475	1.36907	1
cg09553982	C10orf11	0.218721	0.23872	0.5684837	0.703572	-1.42132	0.390936	0.70948	-1.70948	0.980398	0.985126	-1.0151	0.281285	0.505077	-1.9799	0.0660725	0.284319	0.515717	0.105879	0.340496	-2.9369	0.0386889	0.232123	-4.30806	0.4133591	0.61422	-1.62808	0.31856	0.53323	-1.87536	1.67817	9.88888	5.23791	1
cg11160820	CDS8;CDS8;CDS8;CDS8;CDS8	0.218723	0.3010052	0.7454504	-1.34132	0.138832	0.790433	1.26579	0.18379	0.643471	0.65314	-1.53116	0.0148669	0.112402	0.0449355	0.8189	1.22134	0.222515	0.7231316	-1.3994	0.4383294	0.3231004	-3.09511	0.0158013	0.1994	-5.01955	0.1996	0.230004	-4.34783	1.67815	1.28053	0.1019955	0.19966	0.1836	0.969581	1
cg03490387	GFER;GFER	0.218725	0.877904	0.9605054	-1.04161	0.4959111	1.20122	1.20122	0.998831	0.999612	-1.00039	0.478171	1.21072	1.21072	0.502548	1.19464	1.19464	0.790439	0.37018	0.07318	0.0153031	0.45405	-2.2024	0.707241	0.904797	-1.10522	0.16233	1.48525	1.48525	1.67816	1.86887	0.989904	1
cg07674485	ATP11A;ATP11A	0.218724	0.0993884	0.420488	-2.37819	0.75256	0.859247	-1.16381	0.247703	0.560084	-1.78545	0.0968846	0.417256	-2.39661	0.377771	0.647864	-1.54353	0.442279	0.686755	-1.45612	0.350269	1.5859	1.5859	0.100658	2.36907	2.36907	0.910275	0.947365	-1.05556	1.67816	6.11455	3.23876	1
cg26770698	SNORD116;SNURF;SNRPN2	0.218726	0.7818178	1.2454	-1.2454	0.1749633	0.729479	1.37099	0.1983532	1.37099	1.37099	0.198532	1.38917	1.38917	0.148476	2.0081	2.0081	0.107715	1.49509	1.49509	0.0043	1.224253	1.49316	1.49316	0.0043	1.224253	1.49316	1.49316	0.0043	1.67815	1.23004	0.818356	0.8	0.5408	0.969581	1
cg01890387	GFER;GFER	0.218728	0.877904	0.9605054	-1.04161	0.4959111	1.20122	1.20122	0.998831	0.999612	-1.00039	0.478171	1.21072	1.21072	0.502548	1.19464	1.19464	0.790439	0.37018	0.07318	0.0153031	0.45405	-2.2024	0.707241	0.904797	-1.10522	0.16233	1.48525	1.48525	1.67816	1.86887	0.989904	1
cg26718412	ABR;ABR	0.218729	0.0316312	0.6744	-1.48264	0.0137527	0.339953	0.10963	9.12183	0.0012723	2.67975	0.0001	3.26703	3.26703	0.0001	4.54152	4.54152	0.0001	5.44362	5.44362	0.0001	0.4548	-2.20179	0.0001	0.4548	-2.20179	0.0001	0.4548	-2.20179	0.0001	1.67816	1.11023	0.7853	0.900716	1.45665	0.5391	1
cg06789412	RPL24;RPL24	0.218739	0.297423	0.538935	-1.85551	0.346627	1.74126	1.74126	0.258639	1.96298	1.96298	0.131523	0.393899	-2.53872	0.10746	0.365909	-2.73292	0.603662	0.741032	-1.34947	0.0933602	0.347784	-2.87535	0.591864	1.36303	1.36303	0.595485	1.35884	1.35884	1.6781	8.70345	4.61023	1
cg08229136	FLJ35220;FLJ35220	0.218743	0.512009	0.6943559	-1.44028	0.2409053	0.543008	-1.82481	0.3911	0.7894552	-1.26685	0.2625694	0.450344	-2.22007	0.0967333	0.2700313	-3.70095	0.6658982	0.6943559	-1.44028	0.2409053	0.3810885	-2.6241	0.1419	0.3810885	-2.6241	0.1419	0.3810885	-2.6241	0.1419	1.67815	1.27567	0.6183654	0.7	0.5227	0.429157	1
cg18437264	FAM176A;FAM176A	0.218744	0.1948226	0.5788432	-1.72748	0.2438635	0.578218	-1.72965	0.4629	0.1878168	0.4575295	0.0001	2.18451	2.18451	0.0001	3.03305	3.03305	0.0001	3.63905	3.63905	0.0001	0.3035	-3.29545	0.0001	0.3035	-3.29545	0.0001	0.3035	-3.29545	0.0001	1.67815	1.11023	0.7853	0.509384	1.96316	0.268502	0.163659	1
cg03544657	SYNJ2	0.218745	0.739232	1.20052	1.20052	0.3333466	1.89803	1.89803	0.0380556	3.7266	3.7266	0.659246	1.27477	1.27477	0.240302	0.510389	-1.95929	0.822462	1.13082	1.13082	0.380332	1.63608	1.63608	0.917119	1.0586	1.0586	0.710849	1.22594	1.22594	1.67807	7.95409	4.21334	1
cg26639989	FAM150;FAM150A	0.218746	0.591475	1.07626	-1.07626	0.7714642	1.04153	1.04153	0.8202337	1.809286	-1.25366	0.197718	1.31301	-1.28743	0.122345	0.7605	-1.3151	0.479464	1.10274	1.10274	0.4548483	1.275569	1.37823	1.37823	0.1481005	1.907373	-1.10208	0.507689	1.83503	1.19576	1.67807	0.68443	0.259255	1
cg09529093	WDR60	0.218751	0.805085	1.02538	1.02538	0.0772145	2.22036	2.22036	0.647086	1.04783	1.04783	0.685197	0.930746	-1.07441	0.879284	0.984713	-1.01552	0.208606	0.874273	-1.14381	0.0266798	1.30498	1.30498	0.948814	0.993514	-1.00653	0.853801	1.01887	1.01887	1.67805	1.2730056	0.144642	1
cg23445926	ASPSCR1	0.218754	0.601873	0.8857	-1.12845	0.4284261	1.50281	1.50281	0.161086	1.37119	1.37119	0.387297	0.829537	-1.20549	0.988622	1.00797	1.00797	0.478732	1.16402	1.16402	0.0266798	1.557683	1.55783	0.693301	0.9916041	-1.00719	0.2832043	0.789966	-1.26588	1.67804	1.19106	0.626161	1
cg18437584	ATP11A;ATP11A	0.218758	0.423486	0.808773	-1.23644	0.371871	1.26875	1.26875	0.0001	1.03974	1.03974	0.292978	1.32741	1.32741	0.556025	0.850757	-1.17619	0.448189	1.2223	1.2223	0.405835	0.803773	-1.24413	0.0153038	0.65625	1.52425	1.16625	0.4411113	1.22623	1.22623	1.67802	1.93599	0.948906	1
cg06694281	ZNF32;ZNF32;ZNF32	0.218761	0.23876	0.239683	0.790043	-1.26575	0.266631	0.801696	-1.24736	0.87331	1.03094	1.03094	0.190648	1.0007	1.0007	0.0201508	0.585546	-1.70781	0.301871	0.815249	-1.22662	0.0568972	0.675521	-1.48034	0.85795	0.963365	-1.03481	0.705012	1.07533	1.07533	1.67802	0.969202	0.513412	1
cg00472421	OBFC2A;OBFC2A	0.218762	0.577284	1.1299	1.1299	0.4502234	1.1299	1.1299	0.0604047	1.21136	1.21136	0.24692	0.943336	-1.06021	0.0001	1.76	1.76	0.674068	1.060066	1.060066	0.1491649	1.120563	1.120563	0.550842	-1.8154	0.474984	1.866342	1.16098	1.65836	0.854275	1.170578	0.4	1
cg03260824	UTP18 UC283052;LOC283052;LOC283052;ZM	0.218765	0.349382	0.842425	-1.18705	0.368561	1.17639	1.17639	0.35641	1.18158	1.18158	0.466858	0.877887	-1.1391	0.975087	1.00551	1.00551	0.565308	0.902812	-1.10765	0.723051	1.06459	1.06459	0.044673	0.666674	-1.49998	0.0519327	0.677728	-1.47552	1.67799	0.822287	0.435592	1
cg04634493	IZ1	0.218768	0.183441	0.35363	0.898044	0.973111	-1.02763	0.3115461	1.25183	1.25183	0.42314	1.19186	1.84296	1.84296	1.03173	1.03173	1.03173	0.18414	1.3529	1.3529	0.0393165	1.667884	1.667884	0.028186	1.9	1.74371	1.74371	0.805354	1.0544	1.0544	1.67798	1.22314	0.647941	1
cg11299459	MTHFD2L	0.218769	0.317835	0.708414	-1.4116	0.961739	1.01615	1.01615	0.486825	0.789872	-1.26603	0.53513	1.2333	1.2333	0.215852	0.647344	-1.54477	0.560764	0.8217	-1.21699	0.0104703	0.341025	-2.9323	0.295997	0.696426	-1.4359	0.8865588	1.0488	1.0488	1.67794	2.96224	1.56925	1
cg08309135	RBM28;RBM28	0.218770	0.4805532	0.8911	-1.12216	0.2716045	0.771462	-1.29665	0.1748056	1.134889	-1.13776	0.684777	1.38093	-1.38093	0.0001	1.76	1.76	0.422505	1.58202	1.58202	0.0001	1.634797	1.634797	0.0001	1.634797	1.634797	0.0001	1.634797	1.634797	0.0001	1.67794	0.5453211	0.4546	0.5	0.4146	0.429157	1
cg09933215	SDC3	0.218773	0.476862	0.837171	-1.1945	0.33273	0.782297	-1.27829	0.0513278	0.724393	1.72493	0.792656	0.937319	-1.06697	0.937424	1.00791	1.00791	0.518804	1.74135	1.17435	0.0948808	0.569888	1.56988	0.080823	1.609	1.609	0.827074	1.05523	1.05523	1.67789	1.60442	0.849963	1
cg00964511	DNAH2	0.218783	0.6715654	1.2235	-1.2235	0.1742374	1.82386	1.82386	0.0001	2.68576	2.68576	0.0001	3.83296	3.83296	0.0001	4.20054	4.20054	0.0001	4.36332	4.36332	0.0001	0.572916	1.74535	1.74535	0.0001	0.572916	1.74535	1.74535	0.0001	1.67788	0.580114	0.712384	0.712384	1.67789	0.5	0.4	1
cg19395074	ROBO2	0.218788	0.7745491	1.08262	1.08262	0.0209713	2.1549	2.1549	0.437223	1.24492	1.24492	0.299955	1.34571	1.34571	0.341058	1.31153	1.31153	0.895763	0.964415	-1.0369	0.251306	0.717982	-1.39279	0.34929	0.76618	-1.30518	0.557024	0.848588	-1.17843	1.67786	2.03048	1.0757	1
cg20476319	HCFC2	0.218803	0.971773	0.99036	-1.00973	0.1075	0.618242	-1.61749	0.278863	0.734754	-1.361	0.698398	1.38283	1.26672	0.262675	0.553569	0.548739	-1.82236	0.75982	1.08757	1.08757	0.164666	0.666645	-1.50005	0.111899	0.622561	-1.60627	0.715462	1.10542	1.10542	1.67785	1.9914	1.055	1
cg16477794	LTBP3;LTBP3;LTBP3;LTBP3	0.218807	0.707202	1.15917	1.15917	0.4356607	0.436669	-2.29206	0.0614398	0.439439	0.439439	0.142884	0.910415	-1.09845	0.0001	1.76	1.76	0.533127	1.62817	1.62817	0.0001	0.634518	1.576158	1.576158	0.0001	0.634518	1.576158	1.576158	0.0001	1.67785	0.731536	0.707791	1.67785	0.5	0.4	1
cg18865080	NELL1;NELL1	0.218807	0.349934	0.810309	-1.2341	0.4549553	0.846597	-1.1812	0.0665767	0.637811	-1.56786	0.689567	0.915965	-1.09174	0.516049	0.865923	-1.15484	0.577447	1.13093	1.13093	0.416747	0.83407	-1.19894	0.0289134	0.569434	-1.75613	0.0728009	0.645627	-1.54888	1.67783	1.26998	0.672816

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3533 vs. N)	Fold-Change(3533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Treat)	SS(Test)	SS(Error)	F(Error
cg24874191	MSC;KZ105		0.0410258	2.29297	-3.41332	1.2016505	2.01801	1.049405	1.65126	1.65126	0.4838664	0.6908305	-1.44863	0.7146468	0.8259862	1.21067	0.182747	0.478949	-2.08791	0.918824	0.948306	-1.05451	0.613288	1.303888	1.303888	0.157939	0.455641	-2.19471	1.67682	7.19944	3.816451	1
cg04701618	GPR133		0.2339066	0.993781	0.9944554	-1.00558	0.348202	1.9919	1.9919	0.9352986	1.059564	1.059564	0.353531	1.975991	1.975991	0.9598	0.368507	0.517364	1.93287	0.285229	2.20767	2.20767	0.547167	1.54444	1.54444	0.0405496	0.540593	0.540593	0.0344344	1.841266	5.812666	1.67881	1.513589	1.716644	1
cg25797055	UCP1		0.2339071	0.9521611	1.044656	1.044656	0.666127	0.729468	-1.37086	0.1214139	0.2955158	-3.38802	0.785588	1.21915	1.21915	0.676428	0.73713	-1.35661	0.9635322	1.033799	1.033799	0.0183555	0.12405	-8.06126	0.182688	2.79428	2.79428	0.7400667	0.785104	-1.273372	1.67679	14.023	7.43378	1
cg16303918	FEV		0.3779554	0.4186172	-2.38884	0.4188404	2.21343	2.21343	0.2343183	3.31822	3.31822	0.1238811	4.8484	4.8484	0.157175	2.2333954	-4.28458	0.1727778	4.0367	-3.4167	0.199625	2.771636	-3.6814	0.313119	2.792676	2.72763	0.731263	1.3907	1.3907	1.67679	24.5647	13.0221	1
cg22382663	PIAS1		0.2339074	0.9124414	1.03284	1.119395	0.608762	-1.64268	0.629314	1.15355	1.15355	0.13108	1.66751	1.66751	0.597745	0.855229	-1.16928	0.390678	1.29475	1.29475	0.387622	1.29703	1.29703	0.0587633	0.534207	-1.87193	0.635644	1.15048	1.15048	0.167678	2.29072	1.21434	1
cg18164592	THRAP3		0.2339077	0.406645	1.32483	1.32483	0.0858144	0.533077	-1.87759	0.0755802	0.5192262	-1.92594	0.571955	1.20833	1.20833	0.915408	0.965405	1.23867	1.38806	1.34182	1.34182	0.184508	1.59422	1.59422	0.82741	0.9302055	-1.07503	0.237291	0.663492	-1.50718	1.67677	2.9157	1.54567	1
cg08485937	TNNC1;TNNC1;NISCH		0.2339082	0.333374	0.650227	-1.53793	0.949721	0.973163	-1.02758	0.0393088	0.3575	-2.79721	2.46647	0.592842	-1.68679	0.0353474	0.347454	-2.87807	0.2774997	0.614351	-1.62773	0.197412	0.5555559	-1.79999	0.112215	0.474246	-2.10861	0.414327	0.697698	-1.43329	1.67675	4.9418	2.61978	1
cg22937447	ALDH1B1		0.2339096	0.230096	0.801617	-1.20459	0.402398	1.115955	1.115955	0.5229415	1.38423	1.38423	0.718123	0.947826	-1.05505	0.114376	0.775681	-1.28919	0.231689	0.830745	1.20374	0.762165	0.9504365	-1.05209	0.418463	1.12999	1.12999	0.5999317	0.9394625	-1.08152	1.67674	0.5802279	0.307623	1
cg03810058	GABRA2		0.2339089	0.193341	0.364836	-2.74096	0.378407	1.81969	1.81969	0.402001	0.533492	-1.87444	0.1627991	0.335732	2.97857	0.0721	0.7947077	-1.02595	0.803253	1.20065	1.20065	0.0267581	0.146257	-6.83728	0.843956	1.1553	1.1553	0.138549	0.310959	-3.21586	1.67672	14.25	7.55443	1
cg15788993	MED23;MED23		0.23909	0.351043	0.844568	-1.18404	0.299758	0.827504	-1.20845	0.889716	0.975979	-1.02461	0.130746	0.74873	-1.3356	0.0456586	1.50725	1.50725	0.958697	0.990966	-1.00912	0.242375	0.805814	-1.24098	0.165281	0.769556	-1.29945	0.7077112	0.936088	-1.06828	1.73867	0.82773	0.3702278	1
cg24885417	NPY		0.2339092	0.937286	1.12554	1.12554	7	7	0.7783611	1.51242	1.51242	0.1666713	1.39023	1.39023	0.1664272	1.5124337	-1.66	0.4818808	1.34476	1.34476	0.761096	1.28142	1.28142	0.2358636	0.7979564	1.18782	1.12142	0.2596116	0.8519514	1.68221	53.4932	31.7974	1
cg19253410	MIL2		0.2339094	0.35227	0.697547	-1.4336	0.115831	1.90363	1.90363	0.43729	1.34776	1.34776	0.352765	1.43352	1.43352	0.886711	0.947726	-1.05516	0.655892	1.844581	-1.18402	0.0274399	0.374384	-2.67105	0.681136	1.16838	1.16838	0.645305	0.839822	-1.19073	1.6767	3.767	1.99704	1
cg07545052	ORAOM1		0.2339099	0.0409878	0.594412	-1.68182	0.951884	1.04709	1.04709	0.103572	0.5350057	-1.86913	0.374973	0.794809	-1.25816	0.253499	0.7962054	-1.35089	0.242056	0.996354	-1.00369	0.784321	0.932624	-1.07224	0.0864144	0.620195	-1.6124	0.676568	1.689005	0.895444	1
cg00744229	RNF25;STK36		0.2339103	0.858525	0.897124	-1.11467	0.137643	1.674784	1.674784	0.2674478	0.2344581	2.31187	0.410544	0.598275	-1.67147	0.559742	0.6980898	-1.43246	0.0541304	0.257572	-3.88242	0.857263	0.8962443	-1.11577	0.130072	0.365415	-2.73661	0.9475111	1.04087	1.04087	1.73861	9.97617	4.4629	1
cg02221863	SEC1;DBP;DBP		0.2339104	0.839238	0.953822	-1.04841	0.724548	1.083583	1.083583	0.378963	1.23178	1.23378	0.306273	0.781501	-1.27959	0.8018	0.943139	-1.06029	0.602708	0.884946	-1.13001	0.577002	1.14014	1.14014	0.0915186	1.92809	1.92809	0.1068851	1.50644	1.50644	0.76666	1.43857	0.76266	1
cg15231989	AMZ1		0.2339109	0.118291	1.74958	1.74958	0.0590288	0.970238	-1.08067	0.3907657	0.6994258	-1.29707	0.5359939	1.03919	-1.62802	0.1799543	1.23869	1.23869	1.23867	0.0942056	2.99635	2.99635	0.110251	2.82394	2.82394	0.0945513	2.99224	2.99224	0.0731095	2.384908	2.384908	0.64694	0.50785	1
cg04001738	GPR133 FAM104B;FAM104B;FAM104B;FAM104A B;FAM104B;FAM104B;FAM104B;FAM1		0.2339114	0.941733	1.01324	1.01324	0.516182	0.888307	-1.12574	0.27648	0.8157451	-1.22588	0.719748	1.06697	1.06697	0.436806	1.15341	1.15341	0.225427	1.25741	1.25741	0.0139391	1.7271	1.7271	0.73674	0.941102	-1.06258	0.795492	1.04784	1.04784	1.67663	0.8595543	0.4557	
cg02212907	04B		0.2339114	0.5246888	1.59058	1.59058	0.298845	0.4606	-2.17108	0.336204	0.4897354	-2.04192	0.0344937	0.169454	-5.9013	0.0398697	0.18081	-5.53068	0.64773	1.39263	1.39263	0.740983	1.26974	1.26974	0.691187	0.750169	-1.33303	0.617962	0.696292	-1.43618	1.67662	13.7628	7.29656	1
cg10082114	ATRX;ATRX		0.2339115	0.0533096	0.893509	-1.11945	0.0252966	1.0564942	-1.67525	0.547828	0.5418865	-1.92808	0.809481	1.29789	1.29789	0.613267	0.7978555	-1.73354	0.174845	0.210603	-4.74827	0.428465	0.9964777	-1.03629	0.513936	2.0504	2.0504	1.67662	30.9432	16.405	1
cg09883131	DPY19L1		0.2339115	0.339307	1.37813	1.37813	0.0217713	2.45173	2.45173	0.917164	0.9666588	-1.03446	0.474526	1.26724	1.26724	0.208263	1.5404	1.5404	0.985813	1.00581	1.00581	0.127566	0.584756	-1.71012	0.70398	1.11896	1.11896	0.830808	0.932692	-1.07217	1.67662	2.81608	1.49299	1
cg14979926	ALDH1L1		0.2339116	7	7	7	0.745383	0.609154	1.64043	0.1855202	0.1054101	3.09528	0.7026626	0.8001583	1.25	0.7541021	1.5988	1.5988	0.1115198	0.842049	-1.18743	0.0887302	0.2807259	-3.56216	0.334358	0.6132452	-1.63278	0.1556776	0.473679	-2.11113	1.66822	5.74259	3.441371	1
cg06984945	ZNF322A		0.2339117	0.0693135	0.681034	-1.46836	0.44229	1.15963	1.15963	0.991272	0.997934	-1.00207	0.706435	0.930966	-1.07415	0.2608385	1.24816	1.24816	0.0444118	1.54719	1.54719	0.681879	0.925044	-1.08103	0.685702	1.07995	1.07995	0.268482	1.24344	1.24344	1.67661	0.94899	0.503125	1
cg04229241	DNHD1;DNHD1		0.2339124	0.140103	0.64015	0.6404105	0.0908077	1.78731	1.78731	0.0398843	2.09682	2.09682	0.352753	1.34721	1.34721	0.364253	0.9554056	0.9832	-1.01709	0.76164	1.09947	1.09947	0.699506	1.12851	1.12851	0.234896	1.47414	1.47414	0.0495418	2.01063	2.01063	1.67658	2.5798	1.36776	1
cg07486508	SH3BP5;SH3BP5		0.2339125	0.8098021	1.07249	1.07249	0.0140442	1.91946	1.91946	0.0444773	1.5813992	1.57212	0.0599534	2.06700	2.06700	0.019412	1.6405801	1.65974	1.76574	1.76574	0.667838	1.17208	1.17208	0.648305	1.459777	1.45977	0.555641	1.582312	1.582312	0.8837743	1.112984	1.112984	1.67658	14.2113	7.53455	1
cg26298273	SLC22A23;SLC22A23		0.2339126	0.9501651	1.01069	1.01069	0.596556	0.892427	-1.12054	0.0945844	0.7315507	-1.36704	0.985652	1.00306	1.00306	0.382344	1.16468	1.16468	0.176121	1.27728	1.27728	0.033666	1.52522	1.52522	0.632446	1.08545	1.08545	0.56888	1.10293	1.10293	1.67658	0.76879	0.407598	1
cg03370588	MYO5A;MYO5A		0.2339129	0.556052	0.840708	-1.17687	0.837259	1.07599	1.07599	0.1749	1.18199	1.18199	0.721284	0.937222	-1.07849	0.2972	1.13287	1.13287	0.797091	1.06937	1.06937	0.308255	1.57727	1.57727	0.0851427	1.64128	1.64128	0.0251618	1.99907	1.99907	1.67653	1.79907	0.953859	1
cg08694858	ZNF638;ZNF638		0.23914	0.324873	1.50779	1.50779	0.930794	1.03571	1.03571	0.2013786	0.5802124	-1.72377	0.798761	1.10871	1.10871	0.978463	1.01096	1.01096	0.552341	1.27485	1.27485	0.044573	2.24253	2.24253	0.532789	1.774771	1.2907	1.67652	1.33213	0.23269	1
cg04256907	ZMI21		0.2339144	0.348962	1.44615	1.44615	0.0179026	3.00695	3.00695	0.212523	1.65262	1.65262	0.455401	1.3376	1.3376	0.9865	1.00649	1.00649	0.868747	1.06532	1.06532	0.0633569	2.22297	2.22297	0.153341	1.79493	1.79493	0.4080474	1.3823	1.3823	1.67651	3.8867	2.06074	1
cg22857230	GBP4		0.2339146	0.9596354	1.07254	1.07254	0.2706137	0.747077	-1.33849	0.2334104	0.3489	-2.8659	0.665325	0.8279502	1.22586	0.1851657	0.808855	-1.23655	0.8013268	0.897009	-1.11471	0.6299236	1.33122	1.33122	0.811999	1.10923	1.10923	0.1424316	0.6015078	1.58499	1.58499	1.67653	1.79907	0.953859	1
cg27170268	XRCC3;XRCC3;XRCC3 ATXN3;ATXN3;ATXN3;ATXN3;AT XN3;ATXN3;ATXN3;ATXN3;ATXN		0.2339152	0.445722	1.48729	1.48729	0.338465	0.604186	-1.65512	0.364447	0.627139	-1.60498	0.330182	0.598617	-1.67052	0.642519	0.787642	-1.26961	0.124234	1.42739	-3.39774	0.0199142	0.238116	-4.19964	0.889181	1.07379	1.07379	0.14782	0.452518	-2.20986	1.67648	6.92411	3.67125	1
cg02013035	3;ATXN3;ATXN3;ATXN3;ATX		0.239153	0.338611	0.893327	-1.11945	0.683752	0.954244	-1.04795	0.113248	1.20483	1.20483	0.0402117	1.33137	1.33137	0.793816	0.97049	-1.03041	0.242135	0.869356	-1.15028	0.894552	1.01528	1.01528	0.270742	0.8771	-1.14032	0.4960303	1.08226	1.08226	1.67647	0.347245	0.184114	1
cg27532838	ITGA0		0.2339165	0.3860515	0.760777	-1.31445	0.0995236	1.742753	1.74273	0.1428209	0.6059991	-1.65264	0.0931102	0.567391	-1.76245	0.0751357	0.543563	-1.83971	0.829397	0.935766	-1.06864	0.466113	1.02101	1.02101	0.707835	0.916975	-1.09054	0.862495	0.948135	-1.0547	1.67642	2.5133	1.33263	1
cg17861618	GPR123		0.2339167	0.682127	0.84579	-1.18233	0.0804771	2.20015	2.20015	0.643107	1.20898	1.20898	0.499594	1.32145	1.32145	0.747081	1.14065	1.14065	0.172037	0.553636	-1.80624	0.280905	0.6339923	-1.57748	0.152631	1.86463	1.86463	0.153936	0.537508	-1.86044	1.67642	4.39186	2.32871	1
cg19209220	UGP2;UGP2		0.2339168	0.2975124	0.895944	-1.11607	0.0407485	1.064653	1.06465	0.6155559	0.5232455	-1.91145	0.1026051	0.6062313	1.64001	0.0422	1.6001	1.6001	0.1153868	0.7777233	-1.2858	0.1435858	0.8548072	-1.16432	0.2548832	1.20294	1.20294	0.67641	0.8442204	-1.18407	1.67641	0.2442	0.1340007	1
cg12329832	C8orf80		0.2339173	0.809962	1.0302	1.0302	0.7704941	0.59127	1.59217	0.520445	1.6662	1.6662	0.267183	1.31451	1.31451	0.0447917	0.5798892	1.72446	0.806817	1.05967	1.05967	0.675402	0.9057172	-1.10476	0.391298	1.812377	-1.23096	0.348995	1.25563	1.25563	1.67639	1.48593	0.7879	1
cg16202803	HDAC4		0.2339174	0.511467	1.38418	1.38418	0.0197249	3.954511	3.95451	0.0259006	3.63703	3.63703	0.865134	1.08653	1.08653	0.579384	1.31435	1.31435	0.992865	0.995644	-1.00437	0.56815	1.32532	1.32532	0.667877	1.23458	1.23458	0.956437	1.02703	1.02703	1.67639	6.32826	3.3555	1
cg14557816	ZNF589		0.2339175	0.0231753	0.597554	-1.67338	0.0178967	1.562285	1.56228	0.0430314	1.16077	1.16077	0.0158633	1.59612	1.59612	0.0177515	0.6268353	-1.59512	0.7780694	0.889188	-1.12486	0.294098	0.9456561	-1.05732	0.1332884	1.07723	1.07723	0.2809047	1.28195	1.28195	1.67638	1.70952	0.9161667	0.5257	1
cg05230551	DHRS3		0.2339175	0.485267	0.877523	-1.13957	0.104344	0.720998	-1.38697	0.227108	0.7916555	-1.26318	0.345804	1.19588	1.19588	0.170125	1.30891	1.30891	0.452852	1.15131	1.15131	0.105297	1.3855	1.3855	0.4395	0.8647977	-1.15634	0.742286	1.06268	1.06268	1.67638	0.9012558	0.477885	1
cg08661077	LAR5		0.2339187	0.4748107	0.871408	-1.13948	0.1038442	1.49577	1.4957	0.1455762	1.12552	1.12552	0.3224427	1.31595	1.31595	0.1626726	1.4961	1.4961	0.0404888	1.17208	1.17208	0.628155	1.459777	1.45977	0.555641	1.582312	1.582312	0.8837743	1.112984	1.112984	1.67638	2.5798	1.36776	1
cg18312807	RAB3GAP1		0.2339181	0.484947	0.869625	-1.14992	0.0912104	0.693374	-1.44222	0.566651	1.12076	1.12076	0.123545	1.38869	1.38869	0.224709	1.28535	1.28535	0.813419	1.04764	1.04764	0.0760582	1.47489	1.47489	0.608836	0.9033392	-1.10694	0.515165	1.13872	1.13872	1.67636	1.02874	0.545489	1
cg08036512	SPOP4		0.2339183	0.109661	1.34348	1.52488	0.214021	0.675571	1.1693	0.3669987	1.18199	1.18199	0.721284	0.937222	-1.07849	0.2972	1.13287	1.13287	0.797091	1.06937	1.06937	0.308255	1.57727	1.57727	0.0851427	1.64128	1.64128	0.0251618	1.99907	1.99907	1.67653	1.79907	0.953859	1
cg21048763	TSC1D4		0.2339188	0.40268	0.453282	-2.20637	0.265799	0.285358	4.28536	0.3619269	2.00215	2.00215	0.847958	1.10281	1.10281	-1.72377	0.798761	1.10871	1.10871	0.978463	1.01096	1.01096	0.256514	-3.89842	1.10871	1.07379	1.07379	0.14782	0.452518	1.30284	1.30284	1.67634	22.6617	12.0165	1
cg20166106	EIF4A3;EIF4A3		0.2339191	0.13503	1.93187	1.93187	0.19598	0.571851	-1.74871	0.662455	1.19665	1.19665	0.778056	1.12242	1.12242	0.0768727	2.2347	2.2347	0.790174	0.896734	-1.11516	0.152016	0.534088	-1.87235	0.232098	1.66897	1.66897	0.568794	0.790266	-1.2654	1.67632	4.43487	2.35164	1
cg00588990	GPN3;GPN3;GPN3;GPN3;C12orf24		0.2339193	0.2772227	0.648987	-1.54096	0.132226	1.91964	1.91964	0.0333781	1.58783	1.58783	0.195631	1.49152	1.49152	7	7	7	0.7110094	0.786554	-1.27157	0.660838	1.31957	1.31957	0.901208	1.09285	-1.08136	0.174345	1.56125	1.56125	1.67627	0.98432	5.0123	1
cg22083753	NHP2L1;NHP2L1;NHP2L1		0.2339193	0.849441	0.923395	-1.08296	0.701023	1.17561	1.17561	0.620902	0.8911381	-1.23247	0.595271	0.798643	-1.25212	0.773261	0.885904	-1.12879	0.8219337	0.935766	-1.06864	0.466113	1.02101	1.02101	0.707835	0.916975	-1.09054	0.862495	0.948135	-1.0547	1.67632	4.66923	2.47592	1
cg01216508	FAM19A5		0.2339193	0.9273208	1.03018	1.03018	0.2201417	1.52303	1.52303	0.280746	1.44094	1.44094	0.341824	0.726789	-1.37932	0.0312949	0.644027	-1.29418	0.5131541	0.805667	-1.24121	0.1895883	1.57259	1.57259	0.607988	1.18361	1.18361	0.8182646	0.935572	-1.06886	1.67631	2.84334	1.44646	1
cg10243777	BHLHE41		0.2339205	0.20208	1.28454	1.28454	0.157733	0.626504	-1.59603	0.1455946	1.45194	1.45194	0.366333	1.23689	1.23689	0.513005	1.44613	1.44613	0.5718187	0.877327	-1.14006	0.113561	0.8459599	-1.18243	0.1310211	0.671143	-1.49013	0.666247	1.10451	1.10451	1.67626	1.39308	0.738723	1
cg20884605	ALDH2		0.2339218	0.636386	0.787017	-1.27062	0.706173	0.826562	-1.20983	0.167694	2.09503	2.09503	0.795657	0.860382	-1.16227	0.0459157	0.316417	-3.16038	0.390193	0.642219	-1.5571	0.127446	0.438507	-2.29092	0.109581	0.415885	-2.40451	0.250353	0.546558	-1.82963	1.67622	6.71493	3.56089	1
cg15355146	MYCL1;MYCL1;MYCL1		0.2339219	0.2821047	0.737887	-1.35546	0.0477435	1.447284	1.44728	0.0204774	0.4757353	2.10144	0.487784	1.48744	1.48744	0.0254211	0.6729229	-1.48636	0.7842113	1.1372	1.1372	0.3105	0.8660501	-1.15481	0.2611676	0.6597228	-1.51576	0.1016766	0.8886403	-1.12546	1.67621	1.16	0.08903	0.0054	1
cg19137606	ZNF248;ZNF248		0.2339221	0.672266	0.88464	-1.1304	0.285816	1.3762	1.3762	0.183063	1.50224	1.50224	0.297553	1.3649	1.3649	0.430637	1.26077	1.26077	0.5117339	1.21131	1.21131	0.012255	2.45663	2.45663	0.540622	1.19535	1.19535	0.559027	0.84349	-1.18555	1.6762	2.20292	1.1682	1
cg21246645	PLCD2;PLCD2;PLCD2;PLCD2;PLCD2		0.2339221	0.791723	0.958179	-1.04303	0.81927	0.978165	-1.02232	0.3205911	1.18017	1.18017	0.782574	0.956328	-1.04567	0.151451	1.28162	1.28162	0.537077	0.904634	-1.10515	0.0209437	0.638614	-1.56589	0.4500622	1.13228	1.13228	0.4989598	1.11727	1.11727	1.6762	0.691701	0.365808	1
cg11418385	KCNIP3		0.2339225	0.324182	0.57125	-1.75055	0.1800338	0.457049	-2.18795	0.44494	0.6516558	-1.53455	0.693928	1.24297	1.24297	0.170648	1.23158	1.23158	0.0565534	0.305118	-3.27742	0.137635	0.415095	-2.40909	0.0776449	0.34011	-2.94022	0.4418815	1.58641	1.58641	1.67619	0.02834	4.25746	1
cg21092464	APOL4;APOL4		0.2339226	0.742734	0.909899	-1.09902	0.37009	0.768079	-1.30195	0.0916608	0.5871961	-1.70301	0.2489057	0.707901	-1.41263	0.70994	0.8994334	-1.11305	0.0415224	0.509769	-1.96167	0.336666	1.3284	1.3284	0.232354	1.43196	1.43196	0.9283662	0.9745551	-1.02611	1.67618	2.18161	1.15692	1
cg21151661	GPD1		0.2339232	0.5536924	1.27585	1.27585	0.2762434	0.6234	1.60417	0.2875991	1.52344	1.52344	0.3207388	1.51254	1.51254	0.3207388	1.52344	1.52344	0.4722655	1.14335	1.14335	0.380775	1.53288	1.53288	0.3643358	1.53288	1.53288	0.3643358	1.53288	1.53288	0.3643358

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg14650510	SPOCK1	0.239485	0.778962	1.08961	1.08061	0.0772244	0.982	-1.71821	0.241529	0.713359	-1.40182	0.186422	0.62539	1.62439	0.140186	0.645969	0.26847	1.37378	1.37378	0.777783	0.925007	-1.08107	0.670364	1.12189	1.12189	0.573169	0.854832	-1.16982	1.67517	2.10404	1.0687	1
cg12045126	BCOR;BCOR	0.239487	0.420839	1.75985	1.75985	0.851597	0.879218	-1.13737	0.502308	0.626272	-1.59675	0.0680837	0.245538	-4.07269	0.0550844	0.224279	-4.45874	0.166139	2.75912	2.75912	0.542005	1.52846	1.52846	0.902444	0.910171	-1.08794	0.609094	1.42545	1.42545	1.67516	1.52334	6.65055	1
cg10403906	DDAH2	0.239498	0.979064	1.00458	1.00458	0.263622	1.22548	1.22548	0.14402	1.31422	1.31422	0.345736	0.844466	-1.18418	0.211697	1.25739	1.25739	0.851321	0.967863	-1.0332	0.0455169	0.670822	-1.49071	0.804398	0.957721	-1.04415	0.354866	0.847306	-1.18021	1.67512	0.8040939	0.426657	1
cg20568893	FLOT2	0.239507	0.228354	0.460258	-2.17256	0.788987	1.17904	1.17904	0.528152	1.48058	1.48058	0.49885	0.655565	-1.5254	0.0166704	0.166184	-6.01743	0.279705	1.50168	-1.99167	0.800018	0.855678	-1.16866	0.27105	0.494793	-2.02105	0.129468	0.365736	-2.73421	1.67509	1.00419	5.30754	1
cg22541735	HOXD9	0.239516	0.100012	20.742	20.742	0.952197	0.904059	-1.10612	0.734869	0.564442	-1.77166	0.727663	0.555338	1.8007	0.521262	0.334946	-2.98556	0.347371	0.196346	-5.09305	0.0703782	29.8883	29.8883	0.6653084	32.4937	32.4937	0.466638	3.47744	3.47744	1.67505	75.0911	39.8482	1
cg16902559	PFKFB4	0.239517	0.991634	0.998076	-1.00193	0.0770847	1.43474	1.43474	0.0647625	1.46364	1.46364	0.568607	0.899597	-1.11162	0.0724045	1.44908	1.44908	0.788543	1.00935	1.01085	0.996513	1.0008	1.0008	0.125137	1.3564	1.3564	0.711775	0.934119	-1.07053	1.67504	0.894677	0.474775	1
cg03718309	MECP2;MECP2	0.239518	0.0800709	0.39944	-2.5035	0.933015	1.04053	1.04053	0.88595	0.934428	-1.07017	0.0661931	0.244802	2.64802	0.425579	1.46888	1.46888	0.0737506	0.38986	-2.56502	0.953627	1.02786	1.02786	0.919178	1.04913	1.04913	0.781283	1.14057	1.14057	1.67504	1.52433	3.14385	1
cg02389949	ASZ1;ASZ1-DT;ASZ1-AS1;ASZ1-AS1	0.239519	0.643541	1.0781	1.0781	0.5838749	0.71459	-1.39952	0.957152	1.00871	-1.00871	0.865999	1.02765	1.02765	1.022763	1.036196	0.869227	-1.15045	0.162118	0.785935	1.2781	0.505104	0.895434	-1.11678	0.945525	0.855186	-1.16934	0.0628711	1.40175	1.40175	1.67504	0.6908882	0.366628	1
ch.10.39546091-Mar	chr10:39546091-Mar	0.239519	0.0167682	0.296569	-3.37189	0.508525	0.756336	-1.32618	0.159373	0.554641	-1.87041	0.203872	0.592545	-1.68763	0.0588361	0.410978	-2.43322	0.625127	0.814618	-1.22757	0.337877	0.642737	-1.55889	0.983896	1.01596	-1.00847	0.662375	0.832818	-1.20074	1.67504	4.59943	2.44078	1
cg21943652	HIPK1;HIPK1;HIPK1;HIPK1	0.239522	0.670327	0.929975	-1.0753	0.469005	1.13303	1.13303	0.0238032	1.57988	1.57988	0.152425	0.771154	-1.29676	0.140695	1.3082	1.3082	0.663859	1.07695	1.07695	0.669353	0.929761	-1.07555	0.765505	1.05202	1.05202	0.925577	0.983654	-1.01662	1.67503	0.7624843	0.404628	1
cg12588470	PIGY;PIGY;PIGY;PIGY	0.239523	0.179748	0.38339	-2.60787	0.0240925	1.22629	1.22629	0.115973	1.66412	1.66412	0.678391	0.502152	-1.99156	0.0495626	0.885895	-1.1288	0.0287719	0.635139	-1.5746	0.176206	0.777394	-1.28635	0.0702729	1.22264	1.22264	0.620618	0.916334	1.0913	1.67502	0.8315808	0.437706	1
cg20645448	PRDM15;PRDM15	0.239524	0.387843	0.851421	-1.17451	0.0924487	1.40009	1.40009	0.454285	1.14858	1.14858	0.223683	1.26153	1.26153	0.107633	1.09878	1.09878	0.985175	1.00338	1.00338	0.022731	1.64136	1.64136	0.507065	0.884863	-1.13012	0.794987	1.04846	1.04846	1.67502	0.876161	0.464957	1
cg01562349	GRIB1L; PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPL	0.239529	0.281843	1.23336	1.23336	0.8060553	0.954917	-1.04721	0.113701	1.38092	1.38092	0.695752	0.928949	-1.07649	0.245296	0.796201	-1.25596	0.994638	1.00126	1.00126	0.124613	0.732131	-1.36588	0.0903171	0.704672	-1.4191	0.264315	0.803971	-1.24383	1.675	0.932961	0.495104	1
cg25345360	A6	0.239529	0.321581	1.199	1.199	0.708917	1.06872	1.06872	0.779784	1.05093	1.05093	0.562151	1.10945	1.10945	0.167062	0.85152	-1.17437	0.960587	1.0088	1.0088	0.0222245	0.615236	-1.62539	0.479221	1.13573	1.13573	0.154125	1.31046	1.31046	1.675	0.833235	0.442181	1
cg00515568	C10orf84;C10orf84	0.239533	0.847332	1.08423	-1.03797	0.224861	1.01717	1.01717	0.852642	1.0366	1.0366	0.297504	1.2322	1.2322	0.0125006	1.8249	1.8249	0.955262	1.00935	1.00935	0.966513	1.0008	1.0008	0.125137	1.3564	1.3564	0.711775	0.934119	-1.07053	1.67504	0.894677	0.474775	1
cg19593009	C5orf36	0.239535	0.249857	0.405402	-2.46668	0.495924	0.595064	-1.68049	0.124542	0.286917	-3.48533	0.371249	0.501927	-1.99232	0.021102	0.12464	-8.02312	0.12082	0.282773	-3.53641	0.09025	0.246182	-4.06204	0.977551	1.02135	1.02135	0.64391	0.705059	-1.41832	1.67497	14.9535	7.93571	1
cg03835755	NAB1	0.239535	0.210626	0.335009	-2.985	0.0576899	5.55393	5.55393	0.0874578	4.78117	4.78117	0.881282	0.883472	-1.1319	0.212388	0.336572	-2.97112	0.930403	1.07511	1.07511	0.641221	0.67768	-1.47562	0.953713	1.0491	1.0491	0.367098	0.463875	-2.15575	1.67497	18.2335	9.67631	1
cg04248364	C17orf85;C17orf85	0.239545	0.796577	1.23115	1.23115	0.0272827	8.96887	8.96887	0.033074	7.43335	7.43335	0.801282	1.28441	1.28441	0.0886853	0.707254	-1.4192	0.426656	1.92023	1.92023	0.923138	1.08078	1.08078	0.935994	1.06079	1.06079	0.740215	1.30716	1.30716	1.67493	17.1897	9.12256	1
cg12649175	DPP4	0.239551	0.959703	1.02192	1.02192	0.0187728	3.39293	3.39293	0.286897	1.60715	1.60715	0.627345	0.810666	-1.23555	0.2309091	1.71464	1.71464	0.365594	1.4901	1.4901	0.134606	1.99797	1.99797	0.128874	2.02206	2.02206	0.898679	1.05618	1.05618	1.67491	4.88322	2.59156	1
cg01596349	RPL10;RPL10;SNORA70	0.239555	0.0154472	0.19194	-5.2091	0.683653	0.94309	-1.3472	0.795328	0.828358	-1.20721	0.393507	2.16412	2.16412	0.260904	0.427754	-2.33779	0.0289528	0.683157	-1.46402	0.0178936	0.0297572	-33.6146	0.0466598	0.0297572	-33.6146	0.0466598	0.0297572	-33.6146	1.67492	0.6272515	0.459435	1
cg21810305	ATP2A2;ATP2A2;ATP2A2	0.239557	0.278184	0.627685	-1.59315	0.0459227	2.57257	2.57257	0.338669	1.5028	1.5028	0.26119	1.62247	1.62247	0.0738138	0.37513	-2.66575	0.581228	1.31536	1.31536	0.342348	0.617949	-1.61826	0.592844	1.30417	1.30417	0.269144	1.76161	1.76161	1.67487	6.42151	3.40803	1
cg12891602	NEURL1B	0.239558	0.282892	0.797911	-1.17454	0.648932	0.866186	0.866186	0.0441449	0.703955	0.703955	0.156634	0.2616453	0.261837	0.0847208	0.183535	0.682206	0.940894	-1.06282	0.94	0.0293155	0.662	-1.51043	0.0293155	0.662	-1.51043	0.0293155	0.662	-1.51043	1.67487	0.5908928	0.308308	1
cg22952834	NPOC1;NPOC1	0.239559	0.564255	1.29702	1.29702	0.344729	0.645851	-1.54835	0.56394	0.770834	-1.2973	0.134434	2.09054	2.09054	?	?	?	0.673048	1.20808	1.20808	?	?	?	0.472814	1.38614	1.38614	0.0549694	0.362913	-2.75548	1.82969	4.24021	1.98638	1
cg26552774	SERINC4;C15orf63	0.239562	0.815948	0.891618	-1.12156	0.454173	1.45517	1.45517	0.283235	0.577778	-1.73077	0.0718428	0.68798	2.68798	0.0738138	0.37513	-2.66575	0.581228	1.31536	1.31536	0.342348	0.617949	-1.61826	0.592844	1.30417	1.30417	0.269144	1.76161	1.76161	1.67487	6.42151	3.40803	1
cg20889574	C0orf62;C0orf62	0.239564	0.116572	0.251298	-3.97853	0.0888015	1.218642	1.218642	0.457369	0.815359	0.815359	0.316033	0.65821	0.181237	0.316754	0.157702	0.822588	0.838021	-1.19949	0.822	0.0225148	0.589249	1.55505	1.55505	0.657733	0.696875	-1.43408	0.57486	1.74006	1.67486	0.9109	0.23558	1
cg11101117	FLJ41350	0.239581	0.0609247	12.0113	12.0113	0.0449125	15.0101	15.0101	0.386263	0.351605	-2.8441	0.540722	0.48249	-2.07258	0.410867	0.371707	-2.69029	0.502173	0.448642	2.22895	0.551278	0.491924	-2.03284	0.599162	1.8667	1.8667	0.693705	1.59848	1.59848	1.67479	36.7359	19.4974	1
cg24629455	PRDM16;PRDM16	0.239583	0.340981	1.10051	1.10051	0.397315	1.74344	1.74344	0.364065	1.07964	1.07964	0.204581	1.93418	1.93418	0.0372132	1.67545	1.67545	0.482213	1.06853	1.06853	0.966317	1.10418	1.10418	0.507028	1.22289	1.22289	0.647479	3.93312	2.08749	1.67479	2.08749	1.01357	1
cg05843387	RNF103;RNF103	0.239585	0.241225	1.488	1.488	0.0194356	0.40247	-2.48466	0.262413	0.648849	-1.46018	0.247211	0.675732	-1.47988	0.92975	0.0791839	1.02898	0.35708	0.735766	-1.35913	0.73938	0.897485	-1.11422	0.6008	0.71858	1.4004	0.714284	0.778485	1.28459	1.67485	1.78378	1.4775	1
cg25109391	ENC1;ENC1	0.23959	0.172269	1.30874	1.30874	0.451479	1.15267	1.15267	0.202268	1.28317	1.28317	0.233115	1.26055	1.26055	0.48219	0.876088	-1.14144	0.752887	1.06024	1.06024	0.903977	1.0226	1.0226	0.0174491	1.70905	1.70905	0.179955	1.30179	1.30179	1.67476	0.9097677	0.482865	1
cg02553302	TNX8	0.239604	0.723047	1.1838	1.1838	0.4685	1.26285	1.26285	0.0428726	1.45615	1.45615	0.470889	0.914165	1.09353	0.0789553	1.26615	1.26615	0.0870891	1.08311	1.08311	0.0811	0.889366	1.03156	1.03156	0.729351	1.10115	1.10115	0.903898	0.947751	-1.05513	1.6747	0.02291	0.66603	1
cg06341821	MIR574;FAM114A1	0.239604	0.770056	1.05056	1.05056	0.593602	1.09488	1.09488	0.612661	1.08972	1.08972	0.71834	1.06285	1.06285	0.672885	0.917828	1.06271	1.06271	0.696752	1.06813	1.06813	0.0312049	0.653452	-1.53033	0.0650104	1.41722	1.41722	0.228251	1.23718	1.23718	1.6747	0.751234	0.398735	1
cg05445284	EPC1	0.239614	0.361116	0.807474	-1.31043	0.4458302	1.18466	1.18466	0.0977969	0.791993	0.791993	0.122884	0.8804456	0.650383	0.154532	0.520153	0.914149	0.0198568	0.607977	1.64477	0.0170353	0.722652	-1.38379	0.731979	1.10776	1.10776	0.6088095	1.16265	1.16265	1.67473	1.16265	0.62457	1
cg13594432	JUB	0.239614	0.31092	0.791639	-1.2632	0.16244	0.717224	-1.39427	0.837309	1.04689	1.04689	0.448059	1.18805	1.18805	0.269821	1.29186	1.29186	0.455588	0.844202	-1.18455	0.095507	1.50401	1.50401	0.0755238	1.55415	1.55415	0.756418	1.0718	1.0718	1.67466	1.31733	0.699223	1
cg12078510	ZNF808	0.239618	0.0988166	1.4086	1.4086	0.242642	1.26044	1.26044	0.0453465	1.5443	1.5443	0.427555	1.16572	1.16572	0.878364	1.02941	1.02941	0.574748	0.898247	-1.11328	0.700068	0.929238	-1.07603	0.174424	1.31172	1.31172	0.0826415	1.43887	1.43887	1.67465	0.95039	0.504459	1
cg19579446	LBE2L6;LBE2L6	0.239626	0.4339209	1.2167	1.2167	0.0804646	1.27278	1.27278	0.0553568	1.10625	1.10625	0.0876489	0.2384	0.853985	1.02625	0.645124	0.970939	-1.06719	0.270884	0.646124	1.54772	1.17497	1.17497	0.0610548	1.54572	1.54572	0.0245752	0.524752	0.278539	1.67465	0.5924752	0.278539	1
cg01073918	PRKCZ;PRKCZ;PRKCZ	0.239626	0.582619	0.615853	-1.62376	0.0503261	0.71836	0.71836	0.0341784	0.65848	0.65848	0.689784	0.704395	-1.41966	0.511544	0.559063	-1.78871	0.388028	0.461768	-2.16559	0.764441	1.30013	1.30013	0.936875	1.07163	1.07163	0.713603	0.724735	-1.37981	1.67462	20.2308	10.7385	1
cg04260577	VAT1L; CYB561D1;CYB561D1;CYB561D1;CYB56	0.239628	0.466353	0.638033	-1.58634	0.0268476	1.72979	1.72979	0.0345659	1.47264	1.47264	0.646246	0.799107	-1.25121	0.0822118	0.632172	-1.58208	0.933904	1.05297	1.05297	0.643423	1.36798	1.36798	0.823739	1.14909	1.14909	0.730008	1.24088	1.24088	1.67461	10.2024	5.46325	1
cg24892740	1D1;CYB561D1	0.239635	0.682747	0.708705	-1.41102	0.0915025	4.74451	4.74452	0.0248651	0.79983	0.79983	0.757515	1.29626	1.29626	0.803947	1.13078	1.13078	0.303075	2.04841	2.04841	0.223024	0.29356	2.92356	0.699944	1.1833	1.1833	0.344821	0.60523	-2.25977	1.67458	16.6189	9.88314	1
cg17237086	MKL1	0.239639	0.0710613	0.50371	-1.98494	0.0370585	0.549793	-1.81887	0.0192628	0.843372	-1.18572	0.534442	0.807379	-1.23886	0.174486	0.574754	-1.74009	0.0818819	0.519106	-1.92639	0.18099	0.446246	-2.06507	0.0823985	0.532527	-1.87784	0.476656	0.781846	-1.27902	1.67457	3.06723	1.62413	1
cg19769182	PI8T2	0.239643	0.326852	0.593304	-1.67981	0.258701	1.82917	1.82917	0.0600317	2.96564	2.96564	0.91659	1.05515	0.0615385	0.392372	2.5486	2.5486	0.249791	0.599304	-1.85208	0.343407	0.260041	0.60071	-1.64734	0.745493	0.846291	-1.18163	0.567935	0.743496	1.34418	1.67455	0.96383	3.69655	1
cg00534919	C1orf36;C1orf36	0.239643	0.4619684	1.2497	1.2497	0.0911284	1.34795	1.34795	0.0183809	1.42655	1.42655	0.2154	1.31752	1.31752	0.0703011	1.33366	1.33366	0.272202	0.735254	-1.35972	0.0206377	0.443307	2.25555	0.0426357	0.742	-1.34766	0.0426357	0.742	-1.34766	1.67455	0.5426357	0.342	1
cg16467318	NUAK1	0.239646	0.282189	0.861091	-1.16132	0.349441	0.879062	-1.13758	0.162338	0.819029	-1.22096	0.494128	1.09738	1.09738	0.41949	1.11671	1.11671	0.101176	1.27152	1.27152	0.160129	1.22242	1.22242	0.450765	0.9022278	-1.10831	0.30418	0.867266	-1.15305	1.67454	0.4749669	0.252126	1
cg03979508	SMARCB1;SMARCB1	0.239647	0.352036	1.21725	1.21725	0.0598865	1.54319	1.54319	0.0815782	1.47633	1.47633	0.902791	0.975691	-1.02491	0.865032	0.966317	-1.03486	0.480976	1.76752	1.76752	1.30273	0.0154583	0.662317	-1.50966	0.0154583	0.662317	-1.50966	0.0154583	0.662317	-1.50966	1.67454	0.1.07581	0.571067	1
cg18065361	ADHFE1	0.239649	0.796318	0.859403	-1.1636	0.509273	0.545531	-1.83709	0.0313324	0.52953	0.52953	?	?	?	0.435145	0.607422	1.6463	0.184515	2.79031	2.79031	0.406383	1.74173	1.74173	?	?	?	0.435145	0.607422	1.6463	1.67453	1.08165	0.223631	-4.47365	1.50898	1.01	0.827997	1
cg21252909	NR0B1	0.239653	0.0398746	0.257581	-3.88227	0.110947	0.370994	-2.69546	0.363134	0.586455	-1.70516	0.572705	1.38465	1.38465	0.165366	0.429615	-2.32767	0.0722617	0.318094	-3.14373	0.369979	0.591152	-1.69161	0.30133	0.313	0.462788	-2.16081	0.850477	0.897849	-1.11377	1.67451	8.64619	4.5897	1
cg15777844	TNX8	0.239653	0.0409042	0.289652	-3.45161	0.0141225	1.32138	1.32138	0.0750976	1.62385	1.62385	0.0482705	0.629763	-1.5879	0.301565	0.782441	-1.27657	0.0894228	0.369428	2.70707	0.0310943	0.2706242	3.69465	0.0310943	0.2706242	3.69465	0.0310943	0.2706242	3.69465	1.67451	0.1.47954	0.8.46419	4.5897	1.79965	1
cg16783517	NSMCE2	0.23967	0.114887	0.681164	-1.61769	0.128722	1.58509	1.58509	0.154316	1.53388	1.53388	0.986708	1.00468	1.00468	0.766886	0.919977	-1.08698	0.628168	1.892098	-1.12095	0.0794308	1.72675	1.72675	0.591688	1.16406	1.16406	0.395314	0.783224	-1.27677	1.67445	2.08745	1.10813	1
cg17165246	KRT18;KRT18	0.239671	0.177394	0.708111	-1.40684	0.0926291	1.15323	1.15323	0.170483	1.41538	1.41538	0.955241	0.986724	-1.01345	0.264095	0.757935	-1.31944	0.723817	1.08849	1.08849	0.753584	1.4441	1.4441	0.685783	1.1017	1.1017	0.161943	1.42703	1.42703	1.67444	1.55909	0.702123	1
cg19671694	CABLES2	0.239675	0.0651764	-1.35725	-2.79545	0.126067	0.504312	-1.9821	0.261067	0.4359	-1.86602	0.692564	1.21813	1.21813	0.441272	0.887715	0.2322	0.309798	0.593416	-1.68516	0.0425995	0.313746	3.1873	0.441217	0.670989	-1.47691	0.226178	1.53201	-1.87952	1.67443	0.5382	0.47088	1
cg09364544	PPIA1;PPIA1	0.239678	0.911445	0.85973	-1.16316	0.64791	0.879726	-1.13672	0.203803	0.14956	1.41956	0.912551	1.33763	1.33763	0.13309	0.636588	1.57087	0.0815797	0.583927	-1.71254	0.190554	1.47156	1.47156	0.420965	0.795221	-1.25751	0.327491	0.754487	-1.32564	1.67441	2.05995	1.09356	1
cg14326805	TJP2	0.239682	0.5450604	1.12121	1.12121	0.645476	1.30575	1.30575	0.0516162	0.478797	0.478797	0.130044	0.2036999	0.689816	1.44966	0.466357	2.14387	0.176902	0.225875	4.42675	0.0.56096	0.205585	1.20585	0.829784	1.1314	1.1314	0.144588	1.71113	1.71113	1.67439	1.63624	0.82425	1
cg02854226	CUTA;CUTA;CUTA;CUTA;CUTA;CUTA;C UTA;CUTA;CUTA;CUTA	0.239692	0.617517	1.0956	1.0956	0.47683	1.14017	1.14017	0.0794511	0.702546	-1.42339	0.042795	1.52626	1.52626	0.476413	1.14032	1.14032	0.233224	1.25441	1.25441	0.666689	0.92443	-1.08175	0.780755	1.0519	1.0519	0.226446	1.259	1.259	1.67436	0.8720884	0.462974	1
cg23918388	LOC148696	0.239692	0.342793	0.735794	-1.35908	0.661972	0.871015	-1.14809	0.22032	1.49859	1.49859	0.349356	1.35801	1.35801	0.0512366	0.498153	2.00742	0.119299	0.588223	-1.70003	0.879834	0.953621	-1.04863	0.811338	1.07795	1.07795	0.162442	0.626159	-1.59704	1.67436	2.61309	1.38725	1
cg08479711	UBL4A	0.239698	0.226415	0.642026	-1.55757	0.218785	0.636834	-1.57027	0.921519	0.966204	-1.03498	0.0194206	2.68028	2.68028	0.734314	0.887942	-1.1262	0.784854	1.10018	1.10018	0.796073	0.913608	-1.09456	0.355354	1.39334	1.39334	0.527287	1.2504	1.2504	1.67434	3.2277	1.71356	1
cg10246600	MAFG;MAFG	0.239699	0.169488	0.722744	-1.38403	0.10157	0.651921	-1.53393	0.317643	1.38344	1.38344	0.0.0.0	1.68851	1.68851	0.731503	1.36756	1.36756	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1
cg08327779	PI2D24	0.239699	0.243072	1.8695	1.8695	0.0623692	0.341485	-2.92839	0.255273	0.544253	-1.84275	0.750457	0.849227	-1.17754	0.0449703	0.316268	3.16188	0.686797	0.81252	-1.23074	0.55453	1.35824	1.35824	0.808348	1.13255	1.13255	0.276813	0.560262	-1.78488	1.67433	0.95683	3.69332	1
cg12261623	AAAT;AAAT	0.239701	0.0410424	0.296196	-3.78364	0.0.0.0	0.734732	-1.36267	0.0.0.0	0.553432	-1.80747	0.0.0.0	0.745465	-1.34192	0.0.0.0	0.512825	1.95067	0.154626	0.743819	-1.34509	0.0.0.0	0.608868	-1.64239	0.0.0.0	0.796573	-1.25508	0.0.0.0	0.666679	1.49977	0.0.0.0	1.67432	0.0.0.0	0.0.0.0	1
cg11471582	PRDX5;PRDX5;TRMT112;PRDX5	0.239703	0.316797	0.767343	-1.3032	0.138776	1.50347	1.50347	0.0750178	1.66089	1.66089	0.285935	0.753078	-1.32788	0.923721	0.975791	1.02481	0.712335	1.09941	1.09941	0.453932	1.21556	1.21556	0.55578	1.16472	1.16472	0.0632443	1.70673	1.70673	1.67432	1.73641	0.921852	1
cg20839655	CKorf58	0.239704	0.32873	0.616239	-1.62275	0.0815093	0.935629	-2.52762	0.63049	1.26209	1.26209	0.309345	1.65741	1.65741	0.0214027	0.78769	-1.26953	0.464762	0.609553	-1.42949	0.846052	0.109785	0.70785	0.970864	0.982612	-1.0177	0.0376395	0.318393	0.318393	1.67431	6.11611	3.24703	1
cg07756108	NOP58	0.239707	0.515233	0.87487	-1.14307	0.575791	0.87538	-1.14236	0.838738	0.955565	1.04645	0.252736	1.59562	1.59562	0.0.0.0	0.627202	1.60128	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	1
cg25293820	STXBP5L	0.239707	0.838738	0.933739	-1.07096	0.135521	0.582004	-1.7182	0.134609	1.72072	1.72072	0.190794	0.62746	-1.59373	0.577967	1.20815	1.20815	0.925225	0.96891	-1.03209	0.0993553	1.83632	1.83632	0.181221	0.620293	-1.61234	0.856985	0.945113	-1.06257	1.6743	3.00164	1.59358	1
cg16482564	HS01788;SLC39A7;SLC39A7	0.239708	0.4617313	1.22737	1.22737	0.0194653	2.16355	2.16355	0.403321	1.26334	1.26334	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg20475481	USP9Y		0.239877	0.49253	2.2762	0.377479	0.951331	-1.04201	0.866314	1.02696	1.223996	0.257505	0.347674	-4.03756	0.216481	0.215524	-4.63385		0.945695	1.0837	1.0837	0.0244839	0.0423252	-2.51266	0.462263	0.414456	-2.41338	0.0689517	0.0905705	-11.0411	1.67364	36.9082	19.6024	1
cg15212455	POU6F2;POU6F2		0.239885	0.139635	0.343487	-2.91132	0.0372959	0.196913	-5.07838	0.311867	0.494932	-2.02048	0.952172	1.04115	1.041105	0.140641	0.303273	-3.29736		0.191187	0.394409	-2.53544	0.149864	0.354209	-2.82319	0.105291	0.304295	-3.28629	0.993561	0.99459	-1.00544	1.67361	11.9794	6.36251	1
cg27555036	SLC7A5		0.23989	0.622154	0.790745	-1.26463	0.0599594	0.366746	-2.72668	0.0284501	0.294565	-3.39483	0.57325	0.764131	-1.30868	0.180252	0.510391	-1.95928		0.848516	0.91358	-1.09459	0.0775504	0.3955611	-2.52773	0.872631	1.07878	1.07878	0.640218	0.8005518	-1.24919	1.67359	5.9215	3.14508	1
cg01145135	KLHL21		0.239895	0.349192	0.679224	-1.47227	0.718072	0.864571	-1.15664	0.345616	0.677151	-1.47677	0.746485	0.877938	-1.13905	0.124181	0.512624	-1.95076		0.202439	0.582671	-1.71623	0.0490021	0.4075537	-2.45364	0.789207	0.898054	-1.11354	0.021965	0.331856	-3.01335	1.67357	4.26997	2.26793	1
cg21877656	ZNF329		0.239896	0.335274	0.492557	-2.03022	0.379572	1.8973	1.89873	0.25159	0.424138	-2.38778	0.186718	0.366491	-2.72858	0.314794	0.476375	-2.09919		0.0226964	0.127728	-7.82915	0.61465	1.43168	0.823958	1.17014	1.17014	0.878039	1.14134	1.114134	1.82037	13.6396	4.99516	1
cg02295205	C2orf15;TSGA10;TSGA10		0.239897	0.834668	0.847883	-1.17941	0.25244	2.56967	2.56967	0.115654	1.85808	1.85808	0.632066	0.683275	-1.46354	0.0297727	0.125645	-7.90798		0.944672	1.05632	1.05632	0.484923	0.5710391	-1.75119	0.901836	0.907177	-1.10232	0.405131	1.95903	1.95903	1.67356	16.5202	8.7745	1
cg18312782	TEX2		0.239898	0.0868136	0.372623	-2.68368	0.13134	0.427309	-2.34023	0.448618	0.668273	-1.49639	0.187902	0.482696	-2.0717	0.075783	0.356444	-2.80549		0.05008811	0.311595	-3.20929	0.356419	0.609509	-1.64067	0.136469	0.432835	-2.31035	0.893075	1.07272	1.07272	1.67355	7.22127	3.83549	1
cg18745217	SNDA3		0.239902	0.11067	0.717935	-1.39288	0.949015	0.987883	-1.01227	0.225725	0.784633	-1.27448	0.25594	0.78473	-1.27432	0.0126029	0.553559	-1.80649		0.539225	0.888243	-1.12582	0.611693	0.907011	-1.10252	0.231502	0.787214	-1.2703	0.265676	0.801614	-1.24748	1.67354	0.963336	0.511669	1
	CAST;CAST;CAST;CAST;CAST;CAS																										
cg03839934	T;CAST;CAST;CAST		0.239902	0.588533	1.13414	1.13414	0.43976	0.833934	-1.19914	0.693755	0.912826	-1.0955	0.0328274	0.562481	-1.77784	0.924433	0.978372	-1.02211		0.591932	0.882754	-1.13282	0.106825	0.6664663	-1.50046	0.3707751	1.23593	1.23593	0.206354	1.3596	1.3596	1.67354	1.40788	0.747785	1
cg23794241	SYNJ2		0.239904	0.111381	1.17257	1.17257	0.139093	0.0995	-1.0021	0.866314	1.02696	1.223996	0.257505	0.347674	-4.03756	0.216481	0.791485	-1.26345		0.690726	1.17115	1.17115	0.0887771	0.1499744	1.77449	1.77449	0.0633263	0.414456	-2.41338	0.0689517	0.0905705	-11.0411	1.67364	36.9082	19.6024	1
cg00859888	PARD3		0.239906	0.410459	0.545122	-1.83445	0.813504	1.18573	1.18573	0.351682	0.99554	1.99554	0.730814	1.28268	1.28268	0.0106793	0.0980185	-10.1093		0.682661	1.34516	1.34516	0.870389	0.9888951	-1.12497	0.32787	0.482859	-2.071	0.680149	0.741689	-1.34827	1.67352	13.7728	7.3154	1
cg00863700	CCDC77;CCDC77;CCDC77;CCDC77;CCDC77		0.239907	0.871586	1.05011	1.05011	0.602955	0.502356	-1.98207	0.0637207	0.6437243	0.9004885	-1.10511	0.0749782	0.674387	-1.48195	0.0573204	1.53232		0.516518	0.878776	-1.13857	0.789187	0.9594144	1.42251	1.4321	0.975184	1.00619	1.00619	0.437552	1.04292	1.042	0.559947	0.3127	1
cg25507845	CAMK2A;CAMK2A		0.239909	0.133639	0.388342	-2.57505	0.67598	1.27859	1.27859	0.388951	0.51656	1.67566	0.358339	0.575659	1.73714	0.18194	0.562766	-2.28956		0.0984972	0.346682	-2.88449	0.0494763	0.269664	-3.70832	0.23094	0.479644	-2.08488	0.414099		0.613776	-1.62926	1.67351	9.06009	4.81229	1
cg07856721	OCLN		0.239912	0.330208	0.854614	-1.17012	0.638431	1.07681	1.07681	0.0833501	0.740131	-1.34947	0.396054	0.872933	-1.14556	0.0711113	0.729623	-1.37057		0.547482	1.09986	1.09986	0.60456	1.08511	0.175183	0.798166	-1.25287	0.0936499	0.749554	-1.33413	1.6735	0.647989	0.344183	1
cg25644015	EHMT2;SLC44A4;EHMT2		0.239915	0.224781	1.74737	-1.74737	0.252456	1.51606	1.51606	0.733843	1.14158	1.14158	0.888822	1.98096	1.98096	0.193584	1.60255	1.60255		0.0900346	0.595396	-1.67953	0.464004	1.29095	1.29095	0.989951	0.995423	-1.0046	0.315664	0.685276	1.45927	1.67349	3.15714	1.86816	1
cg09597616	SLC35F2		0.239917	0.681218	1.22437	1.22437	0.153094	0.216556	2.11656	0.0226119	3.81087	3.81087	?	?	?	?	0.488284	0.708188	-1.41205		0.706932	1.20334	1.20334	?	?	?	0.27636	1.74173	1.74173	0.504052	1.39413	1.39413	1.68544	4.98622	3.38104	1
cg21248989	CACNA1B		0.239918	0.246362	0.449166	-2.22635	0.0705923	1.45107	1.45107	0.844643	1.13464	1.13464	0.188377	0.398449	-2.50973	0.0450805	0.219138	-4.56333		0.715298	0.785179	-1.27366	0.0401391	0.2089451	-4.78594	0.077705	0.550211	-1.81749	0.206759	0.415154	-2.40874	1.67348	11.5526	6.1363	1
cg00030476	PRKAB2		0.239921	0.414955	0.782732	-1.27758	0.0936218	1.71953	1.71953	0.532197	0.830273	-1.20442	0.401705	0.627611	-1.59351	0.127568	0.71425	-1.40013		0.166065	0.154969	1.54369	0.106201	0.0595315	-1.67978	0.406613	0.779135	-1.28348	0.255927	0.705652	-1.41713	1.67347	2.2905	1.21664	1
cg10926623	LCAM;L1CAM;L1CAM		0.239922	0.0420306	0.490891	-2.03711	0.027231	0.452184	-2.21149	0.842949	0.941536	-1.06209	0.403503	0.771344	-1.29644	0.566765	0.838746	-1.19226		0.589628	0.847575	-1.17984	0.527447	0.823292	-1.21464	0.30172	1.38396	1.38396	0.47724	0.802941	-1.24542	1.67346	2.44456	1.29847	1
cg20935765	FAM171B		0.239926	0.11592	0.678212	-1.47447	0.0376599	0.959402	-1.0422	0.0628597	1.03595	1.03595	0.189785	0.372072	-2.68756	0.1787	0.713326	-1.40205		0.219484	0.743535	-1.34493	0.0479966	0.559252	-1.78796	0.332444	1.25805	1.25805	0.303494	0.783024	-1.2771	1.67345	1.39593	0.74148	1
cg12364556	TTC1		0.239926	0.76102	1.0698	1.0698	0.305795	1.2643	1.2643	0.117354	1.45673	1.45673	0.645221	0.631734	-1.58295	0.694818	1.08993	1.08993		0.263807	0.774777	-1.29069	0.186556	0.733677	-1.363	0.968486	1.00878	1.00878	0.364509	1.22886	1.22886	1.67344	1.29647	0.68865	1
cg28494871	C10orf137		0.239931	0.0090719	2.00182	2.00182	0.173574	1.73971	1.73971	0.22889	1.43189	1.43189	0.25045	1.58558	1.58558	0.0238615	1.64164	1.64164		0.5958	0.914251	-1.09352	0.241952	0.228812	-4.37009	0.244968	0.682301	1.17126	1.17126	0.57343	1.39466	1.39466	2.03467	1.73489	1
cg10230257	ATF6		0.23993	0.765722	1.26233	1.26232	0.0139686	0.10609	0.10609	0.0555329	5.42775	5.42775	0.660851	1.41081	1.41081	0.821565	0.838539	1.19255		0.981926	1.01782	1.01782	0.87577	0.885185	-1.12971	0.517516	1.66779	1.66779	0.836968	0.851614	-1.17424	1.67343	16.1059	8.55508	1
cg21064201	LRRK1		0.239932	0.169556	0.809096	-1.23595	0.344182	1.15142	1.15142	0.510795	1.10399	1.10399	0.84537	0.972128	-1.02867	0.0747987	0.750289	-1.33282		0.249783	0.840193	-1.1902	0.186494	0.224475	0.638675	0.933824	-1.07087	0.150753	0.80016	-1.24975	1.67342	0.555461	0.29505	1
cg16398859	SHSKBP1;SHSKBP1		0.239941	0.261479	0.727218	-1.37482	0.0262628	0.205	4.88004	0.0383345	2.24423	2.24423	0.46369	0.852013	0.674643	-1.48204	0.542035	1.84462		0.330878	0.525333	-1.90355	0.113938	0.331747	-3.01434	0.0175888	1.21974	1.21974	0.437802	0.60181	-1.66165	1.67339	10.502	5.79539	1
cg18929903	ENTPD7		0.239952	0.579851	1.31171	1.31171	0.596042	1.29557	1.29557	0.936927	0.962326	-1.03915	0.242038	1.81149	1.81149	0.992333	1.93126	1.93126		0.81418	1.12103	1.12103	0.0162076	0.240041	-4.16596	0.684267	1.21943	1.21943	0.829324	1.11044	1.11044	1.67334	6.2398	3.31461	1
cg07779630	SONCS2		0.239953	0.212963	0.524744	-1.90569	0.755642	0.837731	-1.19383	0.0277188	0.783228	1.27677	0.49077	0.677342	-1.47701	0.0536508	0.340522	-2.93667		0.566358	0.752039	-1.32939	0.0669709	0.3891553	-2.5699	0.0888868	0.132339	2.14401		0.422227	2.16344	1.67332	6.40547	3.44206	1
cg06746903	MIR1256		0.239963	0.318506	0.443817	-2.25318	0.510288	0.91249	1.69249	0.270582	2.46902	2.46902	0.0459183	0.66609	0.66609	0.157737	3.84643	3.84643		0.178044	0.323807	3.08826	0.0595052	0.104128	0.497209	0.903176	-1.1072	0.451137	1.83112	1.83112	1.6733	16.4526	8.7399	1
cg19280390	RBP15		0.239966	0.124396	0.815621	-1.22606	0.961837	1.00588	1.00588	0.966	0.994792	-1.00524	0.511306	0.921634	-1.08503	0.151859	0.82856	-1.20691		0.559341	1.075	1.075	0.0447863	1.326	1.326	0.248374	0.86259	-1.1593	0.647388	1.05804	1.05804	1.67329	0.397674	0.211254	1
cg21930545	HEG1		0.239985	0.188851	0.54514	-1.83492	0.0485145	0.215585	-2.07157	0.0878725	0.488376	1.08829	0.495164	0.734172	-1.36205	0.0435183	0.242597	-4.12096		0.215753	0.66549	-1.50265	0.0387	0.0256254	1.45578	0.65379	1.45578	0.65379	1.15971	0.0255254	1.45573	1.67328	2.58314	1.37541	1
cg06647382	PDK2		0.239968	0.385293	1.53422	1.53422	0.048096	0.95803	0.95803	0.85836	1.0897	1.0897	0.615817	1.24432	1.24432	0.932587	0.960132	-1.04152		0.684102	0.821429	-1.21739	0.991003	0.99946	-1.00054	0.0265865	0.53917	0.53917	0.128133	2.20547	2.20547	1.67328	6.12812	3.25541	1
cg20130138	CAPN1		0.239977	0.0090719	2.00182	2.00182	0.173574	1.73971	1.73971	0.22889	1.44011	1.44011	0.641075	1.19484	1.19484	0.664358	1.07763	1.07763		0.114627	1.16256	1.16256	0.0425591	0.1454197	1.16474	1.16474	0.515367	0.795624	1.16255	1.16255	1.67327	1.14142	0.765723	0.40687	1
cg21382611	KNDC1		0.23997	0.351497	1.30097	1.30097	0.11251	1.57704	1.57704	0.753447	1.09031	1.09031	0.9349	1.02267	1.02267	0.228623	0.707006	1.41441		0.273204	0.731314	-1.3674	0.0356653	1.95602	1.95602	0.692469	0.896657	-1.11525	0.662982	0.88663	1.12787	1.67327	0.99546	1.06004	1
cg21132244	IGF1R		0.239981	0.199076	0.756832	-1.3213	0.131101	1.1424	1.4248	0.079901	1.49012	1.49012	0.905657	0.97595	-1.02464	0.415369	1.18641	1.18641		0.978599	0.994508	-1.00552	0.0859159	0.1749	1.47649	0.419673	0.884261	-1.18447	0.895762	0.973445	-1.02728	1.67327	1.11722	0.593502	1
cg15180637	ZNF503		0.239991	0.165605	0.7107	-1.40703	0.0183593	0.041278	1.73776	0.00736	2.6103	2.6103	0.0116	0.0762	0.0762	0.0001	13.1188	13.1188		0.0240368	0.04726	-21.1595	0.478695	0.450982	-2.21738	0.281557	0.288916	-3.46121	0.688338	0.640781	-1.5606	1.67326	32.7199	14.6688	1
cg05113533	PID		0.239992	0.0387466	0.61845	-1.61691	0.551441	0.73546	1.27086	0.142788	1.33598	1.33598	0.978585	0.995087	-1.00494	0.950113	0.95483	-1.04743		0.670606	0.924584	-1.08157	0.0423159	0.0133139	2.03564	0.0158008	0.116882	1.72929	0.938235	1.06583	1.06583	1.67326	0.89248	0.48648	1
cg06852605	DNAH17		0.239996	0.0566107	0.512113	0.512113	0.634515	1.51629	1.51629	0.822216	1.2158	1.2158	0.15872	3.69887	3.69887	0.183537	3.40466	3.40466		0.377016	1.06998	1.06998	0.0330428	0.870747	1.40343	0.741453	0.74751	4.7451	0.227207	3.00641	3.00641	1.67325	19.9783	10.6132	1
cg21278764	UTP11L		0.239977	0.42725	0.696659	-1.43542	0.325835	0.63611	-1.57205	0.429816	0.698114	-1.43243	0.628306	1.24301	1.24301	0.110027	0.545989	-2.17439		0.333072	0.640671	-1.56086	0.138426	0.490997	-2.03667	0.0572131	2.60999	2.60999	0.621215	0.8008829	-1.24871	1.67325	5.26956	2.79938	1
cg12398624	TBRG4;TBRG4;TBRG4		0.239979	0.724548	0.767924	-1.30249	0.0453	0.0156	-3.16116	0.0149248	0.656941	-1.52226	0.0178707	0.783228	1.27677	0.49077	0.677342	-1.47701	0.0536508	0.340522	-2.93667		0.0439114	0.171086	-5.845	0.161766	0.16369	-6.10636	0.162526	0.298888	-3.34799	0.0140481	0.0381553	-26.2207	0.0238752	2.3192	-1.37482	0.0139	0.0001	1.67325	1.67325	1.67325

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg19628343	FCHO1;FCHO1;FCHO1;FCHO1	0.240281	0.288167	0.675205	0.481035	0.451103	0.31451	0.466326	0.30216	0.301216	0.241428	1.54763	0.54763	0.115986	0.544192	1.83759	0.162719	0.588158	-1.70322	0.309366	0.687508	-1.45453	0.2049352	1.61131	1.61131	0.374234	1.38382	1.83882	1.67206	3.35917	1.78578	1
cg10124287	PPM1H	0.240286	0.681154	1.22308	1.23508	0.11011	1.23678	0.13678	0.254649	1.78129	1.78129	0.07979574	0.387688	-2.5794	0.765634	0.864413	-1.15685	0.122971	2.25805	2.25805	?	?	0.933809	0.960322	-1.04132	0.568016	0.754812	-1.32483	1.67753	0.565033	3.34442	1
cg01792402	CNST;CNST	0.240287	0.029046	0.762371	-1.3117	1.035571	1.20496	1.20496	0.952177	1.00634	1.00634	0.4086	0.914729	-1.09322	0.914273	1.01142	1.01142	0.233339	0.876543	-1.14084	0.894041	1.01356	1.01356	0.491706	0.929002	-1.07642	0.467457	1.08109	1.08109	1.67204	0.294468	0.156545	1
cg16410171	RNASE7	0.240288	0.940304	1.03236	1.03236	0.807275	0.901287	-1.10952	0.668145	0.420783	-2.37652	0.18025	1.83148	1.83148	0.328898	0.651459	-1.53497	0.601504	2.44916	2.44916	0.487509	0.740848	-1.3498	0.760524	1.13308	1.13308	0.498422	1.33944	1.33944	1.67203	4.78877	2.54582	1
cg12163424	EPPK1	0.240289	0.218856	0.415102	-2.40904	2.222653	0.418581	-2.38902	0.067778	0.248662	-4.02153	0.498649	0.626877	-1.59521	0.0446919	0.208674	-4.79216	0.266698	0.455307	-2.19632	0.731798	1.26353	1.26353	0.14385	0.343809	-2.90859	0.100131	0.293806	-3.40361	1.67203	12.241	6.50762	1
cg03476862	TRRAP	0.240293	0.417594	0.881547	-1.13437	1.380659	0.874454	-1.14357	0.84748	0.971119	-1.02974	0.90006	1.01931	1.01931	0.380399	1.14076	1.14076	0.842924	1.03066	1.03066	0.0111388	1.62302	1.62302	0.719471	0.904586	-1.05643	0.458662	1.1217	1.1217	1.67201	0.613414	0.326108	1
cg24505863	AMOT	0.240294	0.759703	1.07995	1.07995	0.0855874	1.61029	1.61029	0.656402	0.89381	-1.11881	0.814778	1.05967	1.05967	0.0356844	0.541771	-1.8458	0.257847	1.34451	1.34451	0.925233	0.976742	-1.02381	0.561298	1.15866	1.15866	0.323049	0.774209	-1.29164	1.67201	1.66455	0.884924	1
cg06778024	ANKRD11	0.240295	0.635761	1.22	1.22	0.0803159	1.24468	1.24468	0.0378371	2.99481	2.99481	0.394041	1.43886	1.43886	0.165466	1.85249	1.85249	0.467666	1.3607	1.3607	0.347246	0.668119	-1.49674	0.341065	1.56324	1.56324	0.376517	1.45951	1.45951	1.67201	4.55982	2.44541	1
cg10987705	PAK2A	0.240296	0.0653032	0.419417	-2.38426	0.379382	0.684761	-1.46036	0.577983	0.789779	-1.26618	0.027045	0.335249	-2.98286	0.475501	0.737438	-1.35605	0.0605623	0.425157	-2.37239	0.138977	0.512334	-1.95185	0.426054	0.710839	-1.40679	0.764482	0.831461	1.13448	1.672	4.66966	2.48254	1
cg26884973	PPY1R9B	0.240297	0.732186	0.927042	-1.0787	0.250948	1.30496	1.30496	0.0121606	2.04137	2.04137	0.978465	0.994069	-1.00597	0.517825	1.15582	1.15582	0.419929	1.19988	1.19988	0.385845	0.82145	-1.21736	0.503448	1.16182	1.16182	0.844924	0.957749	-1.04412	1.73551	1.30561	0.585792	1
cg10510779	MTMR12	0.240298	0.797031	1.07995	1.07995	0.0855874	1.64499	1.64499	0.0327	2.663005	1.12755	1.12755	0.0944007	1.61244	0.168307	1.31154	1.31154	0.214484	1.23226	1.23226	0.0978204	1.72593	1.72593	0.0792621	0.984505	-1.01626	0.816852	1.0378	1.0378	1.67199	0.677506	0.360186	1
cg18604419	MIR889;MIR539	0.240304	0.814795	1.20762	1.20762	0.466027	0.815657	1.20762	0.32703	0.815657	-1.52237	0.215128	0.350283	-2.85483	0.097709	0.204098	-4.77372	0.413564	0.510679	-1.95818	0.066716	0.191519	-5.22143	0.189374	0.32703	-3.05783	0.519024	0.591222	-1.69141	0.0706632	0.197112	-5.07325	1.67197	17.1154	9.009327	1
cg27185976	DUSP22	0.240304	0.480667	0.882728	-1.12734	1.037096	1.14215	1.16415	0.188459	1.26616	1.26616	0.254944	1.22057	1.22057	0.0642729	0.682206	-1.46583	0.32208	1.18672	1.18672	0.183641	1.03927	1.03927	0.972026	0.997557	1.00972	1.00972	0.437728	0.879031	-1.14543	1.67197	0.744658	0.395892	1
cg24748294	Clorf61	0.240305	0.586035	1.37816	1.37816	0.7533882	3.17293	3.17293	0.754092	0.832528	-1.20116	0.994699	1.00388	1.00388	0.106563	0.557784	-1.79498	0.0586854	3.47513	3.47513	0.21947	2.08655	2.08655	0.955985	1.03272	1.03272	0.986347	1.01003	1.01003	1.67189	0.00846	4.78949	1
cg18134848	CABP2;CABP2	0.240314	0.76483	1.24802	1.24802	0.098249	0.816285	3.81625	0.14667	3.15957	3.15957	0.550013	1.56305	1.56305	0.283268	0.393105	-2.54385	0.270528	2.3332	2.3332	0.0860815	0.45787	0.45787	0.402463	0.531113	-1.88284	0.223496	0.25157	2.57157	1.67185	14.4411	7.67801	1
cg16937168	SNED1	0.240315	0.936495	1.53897	0.0332497	2.95248	2.95248	3.16858	2.008	2.008	1.49181	1.4095	1.4095	0.221785	1.74833	1.74833	0.604912	1.25488	1.25488	0.0984204	2.42143	2.42143	0.0588591	2.53008	2.53008	0.480818	1.36582	1.36582	1.67185	1.01115	1.664E3	1
cg16368806	AIAP1;AIAP1	0.240338	0.858694	1.05666	1.05666	0.128572	0.601686	-1.662	0.227966	1.47903	1.47903	0.968539	0.987876	-1.01227	0.878654	0.953847	-1.04839	0.0832398	1.80956	1.80956	0.0511447	1.98756	1.98756	0.62127	1.16652	1.16652	0.321273	1.3729	1.3729	1.67184	2.53269	1.34659	1
cg08446111	LONP2	0.240355	0.837935	1.08453	1.08453	0.0513369	0.977636	-1.0229	0.179224	1.69824	1.69824	0.168586	1.72382	1.72382	0.290637	0.665924	-1.50239	0.131902	0.546827	1.82873	0.0523797	0.445676	-2.2441	0.863904	0.933867	-1.07082	0.859888	0.996522	-1.00378	1.6718	3.64804	1.93964	1
cg17408087	BMHT2	0.240358	0.796069	1.18786	1.18786	0.707165	0.260366	-3.84074	0.101126	0.303197	-3.29819	0.0391649	0.260663	-3.84826	0.298504	0.648541	-1.54091	0.28631	0.479033	2.08754	0.0351616	0.308412	-3.24241	0.890431	0.912449	-1.09595	0.454237	0.602462	-1.65986	1.6718	11.6996	6.22062	1
cg07981910	DAB2IP	0.240352	0.962392	1.01369	1.01369	0.0710347	1.78893	1.78893	0.125824	1.61238	1.61238	0.755748	1.09417	1.09417	0.813013	1.07073	1.07073	0.932003	1.02492	1.02492	0.0466993	0.518498	-1.92865	0.496487	0.819448	-1.22033	0.709092	0.897555	-1.11414	1.6718	2.02022	1.17092	1
cg14562786	FAM75A3	0.240355	0.893553	1.04565	-1.05855	0.0875466	2.21856	2.21856	0.208631	0.569282	-1.7566	0.113012	0.480399	2.08156	0.342226	1.51578	1.51578	0.655708	0.826399	-1.2097	0.0875393	0.453373	-2.20567	0.939288	1.03291	1.03291	0.777477	0.4783	2.54325	1
cg11087503	NID2	0.240361	0.245219	1.67932	1.67932	0.486507	2.18194	2.18194	0.179151	0.544101	-1.83787	0.0855448	2.24915	2.24915	0.270519	0.613062	-1.63116	0.61591	0.805964	-1.24075	0.259351	1.65177	0.274521	1.62383	1.62383	0.800467	0.900611	0.110036	1.67175	4.81586	2.56065	1
cg16094959	KPNA6	0.240371	0.191806	1.61543	1.33556	0.258303	1.16546	1.16546	0.0219459	2.22658	2.31194	0.134858	2.14584	2.14584	0.200898	1.30739	1.30739	0.0939155	1.55824	1.55824	0.114254	0.639175	0.639175	0.204958	0.568418	1.40459	1.40459	1.47973	1.47973	0.0885156	1.03039	1.0834	0.707422	0.504238	1
cg05174855	IFT140;TMEM204	0.240373	0.0443613	0.457934	-2.18372	0.68705	0.871998	-1.14679	0.410594	1.3292	1.3292	0.877919	1.05336	1.05336	0.560541	1.22024	1.22024	0.134634	0.579533	-1.72553	0.175026	0.613961	-1.62876	0.876391	1.05405	1.05405	0.0958193	0.538665	-1.85644	1.6717	3.02834	1.61025	1
cg05684015	DR1;DR1	0.240373	0.376474	1.11643	1.11643	0.154225	1.20331	1.20331	0.799644	1.03134	1.03134	0.561276	1.07388	1.07388	0.895699	1.01604	1.01604	0.169051	0.837108	-1.19459	0.0269738	0.737718	-1.35616	0.857041	0.970543	-1.03035	0.676642	0.950378	-1.05221	1.6717	0.389868	0.207304	1
cg17397364	HBP1	0.240381	0.829919	0.932758	-1.07209	0.123542	0.582868	-1.71565	0.148304	0.605462	-1.65163	0.89921	1.04186	1.04186	0.137305	1.67845	1.67845	0.21867	1.51991	1.51991	0.186985	1.5724	1.5724	0.248882	1.477	1.477	0.641594	1.1638	1.1638	1.67167	2.77228	1.47412	1
cg20463426	SLC5A1	0.240382	0.401691	0.917098	-1.0839	0.723805	1.03599	1.03599	0.662353	1.16033	1.16033	0.261615	0.964348	1.03599	0.662353	1.16033	0.261615	0.964348	-1.03599	0.662353	1.16033	0.261615	0.964348	-1.03599	0.662353	1.16033	0.261615	0.964348	-1.03599	1.67167	2.71847	1.11111	1.6706	0.263887	0.119894	1
cg23071995	PRMT3;PRMT3;PRMT3;PRMT3	0.240384	0.867295	0.93471	1.03471	0.545065	0.640804	-1.56054	0.271522	1.26303	1.26303	0.725998	0.930737	-1.07442	1.02474	1.00999	1.00999	0.644373	0.909533	-1.09946	0.0878661	0.680933	-1.46857	0.948915	0.987014	-1.01316	0.811877	1.04984	1.04984	1.67166	1.10184	0.585897	1
cg15174682	KDM4B MYADM;MYADM;MYADM;MYADM;MYADM;M	0.240389	0.206727	0.542609	-1.84295	0.3367269	0.328207	-3.04686	0.160514	0.502449	-1.99025	0.826156	0.903945	-1.10626	0.0982779	0.434966	-2.29903	0.465679	0.711166	-1.40614	0.638969	1.24226	1.24226	0.308051	1.62318	1.62318	0.920741	0.955336	-1.04675	1.67164	5.58022	2.96727	1
cg15234312	YADM	0.24039	0.649042	0.910865	-1.09786	0.74295	1.06936	1.06936	0.882305	0.970265	-1.03065	0.0578491	0.645889	-1.54801	0.0505201	0.635008	-1.57478	0.0867162	0.680095	-1.47038	0.101429	0.6939	-1.44113	0.921729	1.02023	1.02023	0.634914	0.907133	-1.10237	1.67163	1.09024	0.584518	1
cg22812457	PDXP;PDXP;PDXP;PDXP;PDXP;PDXP	0.240391	0.9434	1.03705	1.03705	0.0573733	2.59124	2.59124	0.184074	1.82437	1.82437	0.211334	1.93884	1.93884	0.181189	1.85189	1.85189	0.0911955	1.71555	1.71555	0.14553	0.582615	-1.71555	0.14553	1.16483	1.16483	0.0850395	1.03822	1.03822	1.67163	0.685701	0.470971	1
cg07242267	GGT7	0.240393	0.544756	1.11131	1.11131	0.4850308	0.884995	-1.12995	0.687845	1.07202	1.07202	0.274941	0.82236	-1.21601	0.699009	0.93529	-1.06919	0.182141	1.783626	1.27612	0.0327687	0.650469	-1.53735	0.410317	0.8650247	-1.15601	0.0493092	0.67955	-1.47156	1.67162	0.784882	0.417363	1
cg02770857	MSI2;MSI2	0.240399	0.0652358	0.344666	-2.90136	2.142515	0.444297	-2.25074	0.612884	0.76907	-1.30027	0.0268482	0.42728	-2.34038	0.32404	0.592052	-1.68904	0.123937	0.242428	-4.25711	0.053882	0.333726	-2.99647	0.0751315	0.36064	-2.77285	0.382377	0.630632	-1.58571	1.6716	7.01177	3.72855	1
cg15186042	ANKAS1;ANKA11;ANKA11;ANKA1	0.240404	0.595246	1.08276	1.08276	0.1533525	1.16325	1.16325	0.83194	1.03699	1.03699	0.144511	1.06954	1.06954	0.0944724	1.30727	1.30727	0.206168	1.25459	1.25459	0.0759905	1.37442	1.37442	0.0886271	1.24898	1.24898	0.0897211	1.36862	1.36862	?	0.70707	0.68971	0.413258	1
cg25823710	BAT2	0.240404	0.448486	1.30142	1.30142	1.004578	1.83142	1.83142	0.0966103	1.86293	1.86293	0.0552763	2.0982	2.0982	0.171116	1.64384	1.64384	0.0838668	1.92026	1.92026	0.123187	1.76754	1.76754	0.152622	1.68628	1.68628	0.273802	1.47453	1.47453	1.67158	3.07981	1.63774	1
cg06932184	ARHGEF3A	0.240408	0.450883	0.779403	-1.28283	0.4408007	0.716457	-1.39571	0.363138	0.512802	0.998936	-2.50102	0.862649	0.999936	-1.00039	0.585069	1.70892	0.472984	0.725606	0.378473	2.64267	0.445898	0.850696	-1.17582	0.242457	0.242457	0.0966252	0.444755	0.258858	0.976157	0.92257	2.42199	1
cg18152777	NHP2L1;NHP2L1	0.240408	0.641882	0.821384	-1.21746	0.710034	1.16988	1.16988	0.33197	0.650367	-1.5227	0.565804	0.828721	-1.20668	0.457854	0.927259	-1.07845	0.0126681	0.272039	-3.67595	0.0820803	0.160254	1.60254	0.46589	0.36581	-2.73351	0.811942	0.756156	-1.32248	1.67156	6.6725	2.4847	1
cg14677912	TMCO6;TMCO6	0.240408	0.949237	0.991654	-1.00842	0.0923961	1.2761	1.2761	0.590605	1.0741	1.0741	0.483467	0.910517	-1.09828	0.926376	1.0119	1.0119	0.0894914	0.998255	-1.00175	0.0425215	0.735318	-1.35996	0.128391	0.805461	-1.24153	0.503455	0.91949	1.09349	1.67156	0.458723	0.249936	1
cg20891565	RBBP8;RBBP8;RBBP8	0.240409	0.547287	1.14958	1.14958	0.741339	0.707404	-1.37474	0.324021	1.23905	1.23905	0.0567974	1.12705	1.12705	0.0509796	1.31009	1.31009	0.0384739	1.52705	1.52705	0.0826493	1.35284	1.35284	1.25E-07	-2.83579	0.0756257	0.0227	1.10192	1.10192	1.0292	1.67156	1.13623	0.077156	1
cg04985324	GLRX5;SNHG10;SCARNA13;SNHG10	0.240409	0.214641	2.34939	2.34939	0.646353	1.34987	1.34987	0.74479	0.885848	1.76141	1.76141	0.171955	2.59188	2.59188	0.073448	2.37309	2.37309	0.956007	1.03643	1.03643	0.551778	1.47882	1.47882	0.0625145	0.250248	-3.99604	1.73303	11.3071	5.07457	1
cg04120404	CARHSP1;CARHSP1	0.240414	0.319806	1.61543	1.33556	0.258303	1.16546	1.16546	0.0219459	2.22658	2.31194	0.134858	2.14584	2.14584	0.200898	1.30739	1.30739	0.0939155	1.55824	1.55824	0.114254	0.639175	0.639175	0.204958	0.568418	1.40459	1.40459	1.47973	1.47973	0.0885156	1.03039	1.0834	0.707422	0.504238	1
cg24073466	PHYHIPL;PHYHIPL	0.240416	0.553528	0.874676	-1.14328	0.792432	1.06069	1.06069	0.205972	1.34725	1.34725	0.916773	1.02363	1.02363	0.38653	0.820111	-2.19335	0.461117	1.1825	1.1825	0.277989	0.777214	-1.28665	0.314519	1.26159	1.26159	0.0221586	0.84552	1.84552	1.67153	1.3214	0.702695	1
cg03431594	TUBB2C	0.240417	0.320765	0.845202	-1.18329	0.8260934	1.03636	1.03636	0.0167244	2.63195	2.63195	0.0167244	1.4452	1.4452	0.340553	0.849811	-1.17696	0.911871	1.81863	1.81863	0.0510647	0.479002	0.479002	0.12769	1.17606	1.17606	0.0705	0.53823	1.85823	1.85823	0.227134	0.552251	0.751	0.734852	0.509774	1
cg24717314	C12orf29	0.240422	0.993783	0.984511	-1.00159	0.712662	1.07263	1.07263	1.26585	1.26965	1.26965	0.57111	0.892341	1.12065	0.70159	1.07063	1.07063	0.499271	0.87734	-1.13981	0.353868	0.833603	-1.19961	0.0745501	1.46088	1.46088	0.103791	1.40411	1.40411	1.67148	0.963717	0.512502	1
cg25180836	TWISTNB	0.240429	0.798808	0.952435	-1.04994	0.110774	1.3931	1.3931	0.309337	1.2223	1.2223	0.367559	0.838114	-1.19315	0.822745	1.04374	1.04374	0.254706	1.42529	1.42529	0.0422744	1.13372	1.13372	0.0481139	1.14308	1.14308	0.0477	1.15991	1.15991	1.43077	1.67147	4.81176	2.58716	1
cg01596598	UNC5H1;LRCH1;LRCH1	0.240443	0.148005	1.54247	1.54247	0.6243	0.0965	1.84568	0.149929	1.49012	1.49012	0.0981	0.0502201	2.34584	0.0458458	0.908568	-1.10063	0.0250703	0.608587	1.64321	0.0315457	0.780431	-1.28126	0.31569	0.708534	-1.41126	0.796435	-1.2556	0.668853	1.02073	1.02073	1.67144	0.761371	0.727767	1
cg18277779	CDC42BPB	0.240433	0.178717	4.5087	4.5087	0.5566627	0.83446	0.83446	0.0630526	0.906307	0.906307	0.936618	0.919579	-1.08745	0.6037	0.575777	1.7368	0.766536	0.736069	-1.36872	0.764022	0.728053	-1.37353	0.103397	0.53864	0.53864	0.859567	0.829704	-1.20525	1.67147	29.4178	15.6444	1
cg08078197	AEBP2;AEBP2	0.240438	0.242514	1.37782	1.37782	0.0168283	2.14782	2.14782	0.525247	1.18355	1.18355	0.667169	1.12004	1.12004	0.552289	0.854233	-1.17064	0.488379	2.01556	2.01556	0.0116796	1.12004	1.12004	0.0154289	0.854233	-1.17064	0.488379	2.01556	2.01556	1.40487	1.40487	0.329324	1.30187	1.30187	1.67144	0.866629	1
cg08492619	SLITRK5	0.240442	0.820812	1.04219	1.04219	0.0599107	1.34695	1.34695	0.165976	1.38783	1.38783	0.877765	1.02843	1.02843	0.217501	1.26555	1.26555	0.578972	2.90205	2.90205	0.10749	2.68195	2.68195	0.0831052	2.33379	2.33379	0.0651996	0.88356	0.88356	1.08836	1.67144	0.464663	0.167144	0.878339	0.477111	1
cg23387220	SNORA26;KIAA0114	0.240443	0.721978	1.07251	1.07251	0.0843407	0.687902	-1.4537	0.458507	1.15939	1.15939	0.488176	0.871112	-1.14796	0.417248	1.17636	1.17636	0.0658371	1.49841	1.49841	0.400674	0.840491	-1.18358	0.455489	0.861631	-1.16059	0.218289	1.28881	1.28881	1.67144	1.0162	0.540426	1
cg08413657	NRAP	0.240442	0.453058	0.8888	-1.12504	0.5618	1.82218	1.82218	0.0459	2.18448	2.18448	0.818108	1.62233	1.62233	0.364118	1.5862	1.5862	0.0525442	1.42644	1.42644	0.467531	1.0852	1.0852	0.477	1.16852	1.16852	0.477	1.16852	1.16852	0.477	1.67144	2.20094	1.03179955	1.99035	1.67144	0.779883	1
cg10348074	LUC7L3;LUC7L3	0.240442	0.862007	1.02212	1.02212	0.0276632	1.38742	1.38742	0.27291	1.15433	1.15433	0.615107	0.938228	-1.06584	0.52643	0.922444	-1.08408	0.0515531	1.32144	1.32144	0.872225	0.97996	-1.02045	0.335013	1.1332	1.1332	0.790774	1.03401	1.03401	1.67143	0.418745	0.222694	1
cg16669401	NR2C2AP;NR2C2AP	0.240442	0.731047	0.945202	-1.05779	0.826994	1.03636	1.03636	0.0167244	2.63195	2.63195	0.286384	0.834753	-1.19796	0.393092	1.17606	1.17606	0.0191813	1.81863	1.81863	0.0510647	0.479002	0.479002	0.12769	1.17606	1.17606	0.0705	0.53823	1.85823	1.85823	0.227134	0.552251	0.751	0.734852	0.509774	1
cg24241757	HSD17B10;HSD17B10	0.240445	0.228517	0.423209	-2.36329	0.3988815	0.198646	-5.03409	0.434299	1.72081	1.72081	0.150048	2.85722	2.85722	0.956488	0.0375	0.0375	0.119344	3.16643	3.16643	0.158157	0.645356	0.990922	1.00777	1.00777	0.911275	0.926964	-1.07879	0.67142	12.2541	6.51693	1
cg18035534	SLC19A1 HSD17B11L;HSD17B11;HSD11B1L;HSD11B1;L;HSD11	0.240448	0.073246	0.470485	-2.12547	0.864224	1.06673	1.06673	0.324755	1.46789	1.46789	0.846986	0.929676	-1.07564	0.02802	0.375442	-2.66353	0.170596	0.576491	-1.73463	0.818437	0.91687	-1.09067	0.731601	1.13878	1.13878	0.647348	0.840426	-1.18987	1.67141	3.77132	2.00567	1
cg01559300	B1L;HSD11B1L;HSD11B1L	0.240448	0.653259	0.876336	-1.14112	0.190267	1.49919	1.49919	0.691862	0.89022	-1.12332	0.700908	0.893453	-1.11925	0.0201415	0.441218	-2.26645	0.836803	1.06206	1.06206	0.25807	1.41947	1.41947	0.398607	0.777027	-1.28696	0.570986	1.18193	1.18193	1.67141	2.25579	1.19967	1
cg06524546	RHBDD2;RHBDD2	0.240449	0.318264	0.791012	-1.2642	0.2805133	0.597097	-1.6181	0.454858	0.908568	-1.10063	0.0550078	0.508587	-1.96623	0.0208707	0.431564	-2.31731	0.509389	0.858891	-1.16429	0.0403787	0.583837	-1.71281	0.315569	0.708435	-1.41126	0.796435	-1.2556	0.668853	1.02073	1.02073	1.67141	0.76731	0.727767	1
cg06569272	WFS1;WFS1	0.240451	?	?	?	0.807878	0.838749	-1.19225	0.730167	1.28391	1.28391	0.0191302	0.129169	-7.74182	0.362249	0.508682	1.96587	?	?	?	?	?	?	0.757367	1.25067	1.25067	0.832479	1.1652	1.1652	1.66066	1.67066	9.30013	7.3345	1
cg16201883	FSCN2;FSCN2	0.240459	0.14184	1.47238	-6.79175	0.139323	0.145189	-6.88757	0.276694	0.253526	-3.94437	0.384293	0.338881	-2.95089	0.122265	0.13116	-7.62428	0.158301	0.160525	-6.22957	0.0345851	0.0513371	-19.4791	0.169619	0.169567	-5.89738	0.0870992	0.101118	-9.88941	1.67137	38.9419	20.7106	1
cg01007589	CCDC157	0.240467	0.780688	1.04219	1.04219	0.0599107	1.21119	1.02119	0.688205	0.886866	-1.48284	0.551953	0.738185	-1.74879	0.0291232	0.606	-1.65042	0.0104916	0.16973	-5.89107	0.0154804	0.0196373	-50.9264	0.0756512	0.0956356	-10.4572	0.0395124	0.0179913	-5.68464	2.313504	1.37938	2.63863	1.12423	1
cg16901991	FKBP18;FKBP18	0.240471	0.504014	1.11968	1.11968	0.0229642	0.635392	-1.57383	0.978007	1.00461	1.00461	0.0940692	0.735718	-1.35922	0.915343	0.982429	-1.01789	0.100358	0.740738	-1.35001	0.965796	1.00717	1.00717	0.995562	0.864972	-1.15611	0.619796	0.919998	-1.08696	1.67132	0.735738	0.391302	1
cg02483109	PCNP	0.240473	0.917775	0.977777	-1.02295	0.385464	1.27473	1.27473	0.0603059	0.799147	1.94751	1.94751	0.468153	1.30321	1.30321	0.0776923	1.71915	0.0219202	0.0999147	1.94751	1.94751	0.468153	1.30321	1.30321

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N) vs. N)	Ratio(105T N)	p-value(1117 vs. N)	Fold-Change(1-vs-111T 057 vs. N) vs. N)	Ratio(111T N)	p-value(1127 vs. N)	Fold-Change(1-vs-112T 127 vs. N) vs. N)	Ratio(112T N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 217 vs. N) vs. N)	p-value(347T vs. N)	Ratio(347T N)	p-value(477 vs. N)	Fold-Change(1-vs-353T 477 vs. N) 537 vs. N)	Ratio(353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 37T vs. N) vs. N)	Ratio(537T vs. N)	p-value(563T 63T vs. N)	Fold-Change(1-vs-563T vs. N)	Ratio(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg14426347	BAT4;BAT5;CSNK2B	0.240679	0.113451	1.26655	1.26655	0.024947	1.47624	1.47624	0.804463	1.03687	1.03687	0.827882	0.968715	-1.03223	0.427377	0.888436	-1.12537	0.197557	0.81969	-1.21997	0.725836	1.05274	1.05274	0.621734	0.929973	-1.07053	0.556584	1.09068	1.07651	0.56378	0.299992	1
cg13049334	MYO10	0.24068	0.947678	1.0217	1.0217	0.0254646	2.38339	2.38339	0.205292	1.54821	1.54821	0.921862	0.968418	-1.03261	0.44703	0.776084	-1.28852	0.175614	0.624337	1.6017	0.670997	0.860569	-1.15	0.286675	1.43603	1.43603	0.825369	0.93027	-1.07496	1.6705	2.830553	1.50615	1
cg19214024	BRUNOL5	0.240682	0.688331	0.841869	-1.18783	0.3014213	1.57943	1.57943	0.113763	2.08452	2.08452	0.0783414	2.3044	2.3044	0.772063	1.13201	1.13201	0.548237	1.29609	1.29609	0.157586	0.5246513	-1.90617	0.229502	0.583761	-1.71303	0.50058	0.74687	-1.33892	1.6705	4.82131	2.56547	1
cg12640653	SUT3	0.240682	0.618483	0.76341	-1.3099	0.0068324	0.57934	0.57934	0.466069	1.49009	1.49009	0.856491	0.907255	-1.10223	0.010683	0.941396	-1.06225	0.522143	1.41738	1.41738	0.551255	1.38286	1.38286	0.706405	1.2256	1.2256	0.471263	1.48296	1.48296	0.7105	7.64891	4.07007	1
cg04352704	AKT1;AKT1;AKT1	0.240684	0.652913	1.23251	1.23251	0.422525	1.45985	1.45985	0.0188832	3.71817	3.71817	0.695274	1.39937	1.39937	0.806205	1.06836	1.06836	0.280527	0.595705	-1.67868	0.288955	1.66253	1.66253	0.214011	2.26862	2.26862	0.803658	0.891334	-1.12191	1.67049	5.64223	3.0023	1
cg03197935	KCTD21	0.240688	0.619223	0.927678	-1.07796	0.265624	1.18985	1.18985	0.197905	1.23928	1.23928	0.387703	1.14387	1.14387	0.855913	1.02761	1.02761	0.432812	1.12744	1.12744	0.313257	1.584	1.584	0.905625	0.982384	-1.01793	0.545336	0.912363	-1.09605	1.67047	0.594072	0.316116	1
cg13635976	NFIC;NFIC	0.240691	0.692439	0.939543	-1.06435	0.178414	0.799098	-1.25141	0.39246	0.871602	-1.14731	0.215932	1.22664	1.22664	0.596908	1.08732	1.08732	0.125251	1.2973	1.2973	0.0617442	1.39102	1.39102	0.416472	0.877861	-1.13913	0.79099	0.959191	-1.04255	1.67046	0.65097	0.346395	1
cg19269622	LMTK2	0.240691	0.687529	0.939278	-1.06452	0.922821	1.0483	1.0483	0.912159	1.02336	1.02336	0.466299	0.907082	-1.43455	0.047771	0.801882	-1.31255	0.37618	0.642719	-1.55599	0.0183878	0.302952	-3.29512	0.683025	0.818857	-1.22119	0.553335	0.746864	-1.33893	1.67046	6.26802	3.33536	1
cg01080456	SHMT1;SHMT1	0.240693	0.551916	0.757729	-1.32322	0.813507	1.11625	1.11625	0.866205	1.08163	1.08163	0.910313	0.43265	-2.31134	0.153626	0.491178	-2.03592	0.291723	0.601032	-1.66381	0.352007	0.614981	1.62627	0.233546	0.773356	0.910481	1.05373	1.05373	0.76045	5.729445	3.04878	1
cg07095459	RB1CC1;RB1CC1	0.240693	0.391025	0.871299	-1.14771	0.980647	0.996205	-1.00381	0.602783	1.08579	1.08579	0.125025	1.29732	1.29732	0.999696	0.99994	-1.00006	0.471539	1.12166	1.12166	0.0359068	0.682077	-1.46611	0.147263	1.27607	1.27607	0.739265	1.05376	1.05376	1.67045	0.650117	0.345944	1
cg04699952	MYCN	0.240698	0.228943	1.73724	1.73724	0.0338082	1.01585	1.01585	0.124807	2.06858	2.06858	0.196154	1.88181	1.88181	0.999936	0.99994	-1.00005	0.083488	2.31183	2.31183	0.184111	1.85213	1.85213	0.114075	2.12311	2.12311	0.6765	1.20148	1.20148	1.67043	5.06248	2.6939	1
cg00463171	PCCA;PCCA;PCCA;PCCA	0.240699	0.543353	0.790117	-1.26564	0.732092	1.14065	1.14065	0.124893	1.88919	1.88919	0.286175	1.52831	1.52831	0.346509	0.689882	-1.44952	0.728851	1.14255	1.14255	0.0611989	0.248703	2.24304	0.128473	0.533007	-1.87615	0.646218	0.837786	-1.19362	1.67043	3.87971	2.06452	1
cg00387457	LOC647979	0.240699	0.434599	1.16116	1.16116	0.359239	1.19125	1.19125	0.661696	0.920788	-1.08609	0.969446	0.992847	-1.00772	0.797007	1.04947	1.04947	0.023409	0.598663	-1.66983	0.135672	0.88909	-1.12475	0.402752	0.806438	-1.15415	0.140041	1.34658	1.34658	1.67043	0.929347	0.449436	1
cg10774480	LRP5	0.240703	0.571598	0.877526	-1.13972	0.0445367	1.70285	1.70285	0.496715	0.846236	-1.1817	0.699568	1.0936	1.0936	0.0436625	0.585584	1.7077	0.350909	1.24799	1.24799	0.825346	1.05232	1.05232	0.833505	0.952589	-1.04977	0.979134	0.993984	-1.00605	1.67041	1.40857	0.749553	1
cg13853734	PAPPA	0.240705	0.677136	0.927586	-1.07807	0.0492981	1.49603	1.49603	0.93027	0.984535	-1.01571	0.0107884	0.695983	-1.43632	0.402241	0.91035	-1.09848	0.858238	0.968413	-1.03262	0.183776	1.28808	1.28808	0.368263	0.847128	-1.18046	0.607295	1.09753	1.09753	1.67041	0.852591	0.453697	1
cg22999603	PVRL1;PVRL1	0.240705	0.763282	1.1094	1.1094	0.0126253	2.50713	2.50713	0.0227	1.96077	1.96077	-1.01191	0.911559	1.03891	0.808421	1.09078	1.09078	0.653686	1.07992	1.07992	0.94316	0.975789	-1.02481	0.939612	0.27838	2.07838	0.312583	1.43194	1.43194	1.67041	0.32549	0.16632	1
cg23478293	OTX2OS1	0.240706	0.221754	0.36044	-2.77439	0.065084	0.192876	-5.18468	0.0182538	0.102636	-9.74318	0.657766	0.701703	-1.4251	0.591205	0.649989	-1.53849	0.292335	0.419763	-2.3823	0.212904	0.352632	-2.83581	0.902338	1.10246	1.10246	0.23698	0.373647	-2.67632	1.6704	16.702	8.88781	1
cg12493796	PTPN22;PTPN22;PTPN22	0.240715	0.65941	0.868339	-1.15196	0.5753324	1.97106	1.97106	0.701067	0.884641	-1.1304	0.13391	0.596285	-1.67144	0.896033	0.959537	-1.04217	0.332266	0.727709	-1.37417	0.0199862	0.44062	2.44062	0.458129	0.786562	-1.27136	0.860593	0.945673	-1.05745	1.67037	2.67149	1.42164	1
cg19788319	ARL6;ARL6;ARL6;ARL6	0.240715	0.110746	1.66273	1.66801	0.0248861	2.17004	2.17004	0.141981	1.70981	1.70981	0.346532	1.96096	1.96096	0.0329705	1.21861	1.21861	0.823172	1.01924	1.01924	0.762096	0.973099	-1.02764	0.702581	1.03506	1.03506	0.816056	1.02115	1.02115	1.67037	0.213392	0.113557	1
cg14911892	TAS1R3	0.240718	0.215965	0.409236	-2.44358	0.244868	2.30402	2.30402	0.208528	2.48353	2.48353	0.800167	0.840269	-1.19009	0.405024	0.557353	-1.79419	0.72364	0.783805	-1.27583	0.0334744	0.818138	-1.22233	0.549441	0.704983	0.770297	-1.2982	0.228994	0.420558	-2.37779	1.67036	12.454	6.62745	1
cg17980364	TMEM135;TMEM135;TMEM135 EIF1D;EIF1D;EIF1D;EIF1D;EIF1D;EIF	0.240719	0.242018	0.93697	-1.06645	0.2754438	1.92824	1.92824	0.152382	1.52514	1.52514	0.642714	1.32843	1.32843	0.204191	1.27763	1.27763	0.176746	1.26376	1.26376	0.362205	1.27684	1.27684	0.0830403	0.88291	-1.13242	0.746815	0.932382	0.74888	-1.33625	0.842184	0.74888	1
cg01044113	1D;EIF1D	0.240723	0.69678	1.18225	1.18225	0.112218	2.09479	2.09479	0.907689	1.05084	1.05084	0.63539	1.22655	1.22655	0.0443104	0.3724458	-2.68486	0.645949	0.820564	-1.21867	0.0778174	2.31145	2.31145	0.714497	1.17009	1.17009	0.480444	1.21712	1.21712	1.67034	4.83543	2.57323	1
cg07531072	WI2-MIR1470	0.240723	0.518355	0.648929	-1.541	0.975866	0.980261	-1.02014	0.844082	1.13859	1.13859	0.101381	3.31643	3.31643	?	?	?	0.325013	1.96028	1.96028	?	?	?	0.166782	0.374888	-2.66746	0.110566	0.313076	-3.19411	1.7416	9.12144	5.23738	1
cg13965724	PHKTM;PAHTM	0.240723	0.156373	0.755134	-1.32427	0.841124	0.700163	-1.42778	0.278759	0.81171	-1.23197	0.674781	0.188131	0.188131	-5.31497	0.281797	0.81562	-1.22606	0.905546	1.10223	0.102223	0.66622	0.668191	-1.46372	0.472872	1.14482	1.14482	0.337901	1.20082	1.20082	1.67032	0.907749	0.483074	1
cg17187143	MAD1L1;MAD1L1;MAD1L1	0.240725	0.194786	0.840163	-1.19016	0.6615178	1.11455	1.11455	0.804896	0.916489	-1.09112	0.805461	1.11553	1.11553	0.0430486	0.7242314	-1.38081	0.653686	1.07992	1.07992	0.94316	0.975789	-1.02481	0.939612	0.27838	2.07838	0.312583	1.43194	1.43194	1.67032	0.32549	0.16632	1
cg07746998	ESR1;ESR1	0.240733	0.91265	1.0241	1.0241	0.336572	0.806512	-1.23991	0.0913621	1.49707	1.49707	0.112213	1.45547	1.45547	0.613379	0.89532	-1.11692	0.358048	0.814546	-1.22768	0.105843	0.681559	-1.46722	0.463565	0.850509	-1.17577	0.50505	0.15811	1.15811	1.6703	1.24602	0.663099	1
cg24289669	CLI4A;CLI4A	0.240742	0.358287	0.897226	-1.11493	0.8988	1.01893	1.01893	0.751883	0.944775	-1.06182	0.0708672	1.34875	1.34875	0.116307	1.23144	1.23144	0.283448	1.19833	1.19833	0.163699	1.27804	1.27804	0.132906	0.824661	-1.21318	0.70726	0.697869	0.737313	1.67029	0.697869	0.737313	1
cg11441227	SCLY	0.240747	0.643644	1.31728	1.31728	0.169773	1.37413	1.37413	0.260592	2.0019	2.0019	0.218962	2.14852	2.14852	0.259379	0.498566	2.00575	0.835331	1.75383	1.75383	0.132657	0.258248	0.499671	-2.00936	0.0758721	2.21766	3.21766	0.215233	1.16334	2.16334	1.67024	1.25642	0.492619	1
cg24911084	SLC35E4	0.240754	0.298624	1.25137	1.25137	0.353511	0.819799	-1.21981	0.572462	1.12605	1.12605	0.72265	1.077	1.077	0.195327	0.751954	-1.32987	0.851139	0.961651	-1.03988	0.0730676	0.6596414	-1.51604	0.0416813	0.613405	-1.63024	0.0096115	1.02392	1.02392	1.67021	1.146	0.609003	1
cg24601489	TRAPPC2;TRAPPC2	0.240754	0.704164	1.07423	1.07423	0.163377	1.75491	1.75491	-1.32015	0.118543	1.75491	-1.32015	0.118543	1.75491	-1.32015	0.118543	1.75491	0.732587	1.36267	1.36267	0.437653	1.09113	1.09113	0.640471	0.8582851	-1.16706	0.0217308	0.596229	-1.67721	1.67021	0.931026	0.490227	1
cg17465013	VANGL1	0.240758	0.967704	1.01024	1.01024	0.845405	0.952078	-1.05033	0.0158163	0.475346	-2.10372	0.847933	0.952854	-1.04948	0.510936	0.845576	-1.18263	0.163766	0.688094	-1.45329	0.0631171	0.591058	-1.69188	0.505393	0.843658	-1.18531	0.278765	0.753296	-1.3275	1.6702	1.67398	0.890899	1
cg19014289	VPS51;VPS51	0.240758	0.584577	0.909383	-1.09983	0.615178	0.721622	-1.38915	0.0185965	0.540556	-1.84996	0.0134809	1.27134	1.27134	0.0523163	0.2030405	-4.92442	0.969457	0.97272	-1.02805	0.631608	0.484839	-2.06254	0.819559	1.17955	1.17955	0.108473	0.528719	-1.89106	1.6702	1.84107	1.35326	1
cg08086799	TTC9C;HNRNPUL2	0.240773	0.102607	0.299575	-3.33806	0.137528	2.9239	2.9239	0.782092	1.19864	1.19864	0.407543	1.74656	1.74656	0.74265	0.806229	-1.24034	0.304519	0.01995	0.01995	0.190825	2.51782	2.51782	0.438615	1.68112	1.68112	0.139919	0.344692	-2.90114	1.81618	11.6769	4.28622	1
cg19263761	CECR5;CECR5	0.240775	0.785251	1.13172	1.13172	0.308639	0.621192	-1.60981	0.102372	0.444928	-2.24756	0.489509	0.183667	0.183667	-5.44442	0.0178862	1.21779	0.504653	0.735853	-1.35897	0.0253053	0.33602	3.33602	0.76695	0.879258	-1.13732	0.686721	1.20164	1.20164	1.67013	5.4292	2.88956	1
cg26796815	DDN4	0.24078	0.487782	1.0944	1.0944	0.0265155	2.19426	2.19426	0.0204284	2.70286	2.70286	0.141845	2.31867	2.31867	0.178562	1.21779	1.21779	0.402354	1.12525	1.12525	0.534203	1.88487	1.88487	0.114264	0.842318	-1.18721	0.0153044	0.950882	-1.05164	1.7011	0.502232	0.267304	1
cg09020928	TRRAP	0.240785	0.825297	0.960159	-1.04149	0.898712	1.0237	1.0237	0.329843	0.831165	-1.20313	0.254265	1.24474	1.24474	0.919803	1.01869	1.01869	0.414176	1.16592	1.16592	0.0114362	1.78965	1.78965	0.689131	0.928718	-1.07675	0.519617	1.12755	1.12755	1.6701	0.894548	0.476113	1
cg16529307	UBR2B	0.240789	0.670393	1.07378	1.07378	0.164935	0.980884	0.0201503	0.925027	-1.02268	0.570383	0.807025	-1.23912	0.0305911	0.883203	-1.13206	0.883203	-1.14103	0.960336	0.807302	-1.2393	0.670904	1.10485	0.754237	0.929917	-1.07536	0.877075	0.910439	-1.09842	1.67007	0.910439	0.765504	1
cg21391942	MORN1	0.240791	0.173446	0.320442	-3.12069	0.899299	0.905309	-1.1046	0.85396	1.15579	1.15579	0.818616	1.19781	1.19781	0.0740047	0.6666434	-1.50052	0.560653	0.620826	-1.58774	0.59714	0.65764	-1.52059	0.704741	0.74146	-1.34869	0.892039	0.898838	-1.11255	1.67007	16.3306	8.69191	1
cg00549896	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.240794	0.0118523	0.55818	-1.79154	0.857069	0.967094	-1.03403	0.838026	1.03872	1.03872	0.572831	0.899651	-1.11154	0.76771	1.05651	1.05651	0.270628	0.808262	-1.23722	0.33857	0.832701	-1.20091	0.980743	0.995531	-1.00449	0.29681	1.22232	1.22232	1.67006	0.911049	0.484906	1
cg04160876	MYH11;MYH11;MYH11;MYH11	0.240795	0.813819	0.913526	-1.09466	0.229814	0.616904	-1.621	0.268761	1.16413	1.16413	0.0864247	0.566426	-1.76545	0.107302	0.706424	-1.41558	0.045283	0.414596	-2.41199	0.793805	0.904456	-1.10564	0.871929	0.940023	-1.0638	0.145414	0.549169	-1.82093	1.67006	3.88749	2.06912	1
cg09314984	SAFB	0.240798	0.260682	1.23155	1.23155	0.378	0.6242	-1.60252	0.0203878	0.5432	-1.84062	0.0203878	1.84062	1.84062	0.0203878	1.84062	1.84062	0.255535	0.626259	-1.59674	0.160521	0.553744	-1.80589	0.336437	1.4781	1.4781	0.0839761	0.460979	-2.17076	1.67004	4.41551	2.18887	1
cg12718139	TMTC1	0.2408	0.473881	1.1789	1.1789	0.272506	0.772537	-1.29444	0.416805	1.20624	1.20624	0.324172	0.794475	-1.25869	0.756498	1.07281	1.07281	0.920904	0.977808	-1.0227	0.0141152	1.98271	1.98271	0.493744	1.17004	1.17004	0.998864	1.00032	1.00032	1.67004	1.35046	0.718792	1
cg12084437	SYNJ2	0.240803	0.357139	0.844042	-1.26525	0.0190146	2.01999	2.01999	0.0645457	2.08203	2.08203	0.194509	1.91686	1.91686	0.838412	1.03565	1.03565	0.263518	0.422883	2.36472	0.527967	0.860902	1.16197	0.373125	0.508195	0.696612	-1.43573	0.834132	0.85713	-1.16668	1.67003	1.34267	0.760955	1
cg08183276	UBXN2A	0.240807	0.375804	0.534562	-1.87093	0.158918	0.59195	2.59195	0.201376	0.843863	1.18563	0.844933	0.843863	1.18563	0.844933	0.844933	1.18563	0.165771	1.67754	1.67754	0.034586	2.282594	1.53855	0.650026	0.364443	-2.72894	0.987981	0.989702	-1.01041	1.67001	1.42195	0.64852	1
cg15121267	PRL;PRL	0.240809	0.724801	0.821462	-1.21734	0.0120262	5.71351	5.71351	0.0724121	3.05096	3.05096	0.846249	1.11407	1.11407	0.99678	1.00225	1.00225	0.705578	1.23514	1.23514	0.81632	1.13822	1.13822	0.609031	1.33246	1.33246	0.743766	0.833184	-1.20022	1.67	8.18841	4.35844	1
cg24130748	HPS3	0.240809	0.942174	1.03475	1.03475	0.691937	1.03937	1.03937	0.0627404	0.547679	-1.82589	0.398248	0.976215	-1.2881	0.0154502	0.4172457	-2.40051	0.712464	0.897256	-1.11454	0.732587	1.10891	1.10891	0.465261	0.804096	-1.24317	0.384814	0.770298	-1.2982	1.67	0.220898	0.10771	1
cg27270684	FKBP5L;FKBP5L;FKBP5L;FKBP5L	0.240815	0.579313	0.410121	-2.4383	0.3837	0.68977	-1.44976	0.348429	0.669195	-1.49389	0.312816	0.500067	-1.99973	0.0895068	0.459132	-2.17803	0.311857	0.647253	-1.54499	0.0533861	0.4015556	-2.49031	0.100806	0.473646	-2.11128	0.835439	0.917145	-1.09034	1.66998	4.57257	2.43387	1
cg20445408	CXADR	0.240817	0.771115	0.925303	-1.08073	0.131146	1.53908	1.53908	0.874724	1.04088	1.04088	0.966515	0.989551	-1.01056	0.589192	0.865921	-1.15606	0.517702	0.839199	-1.1907	0.0225239	0.488152	-2.06918	0.803673	0.414552	1.4892	1.4892	0.0179462	0.920868	-1.08593	1.66997	1.33763	0.997212	1
cg02454750	A4GALT	0.240822	0.976012	1.02469	-1.02469	0.771067	0.926106	-1.08005	-1.08005	1.08005	1.08005	0.516017	-1.93792	0.572924	1.31342	0.5475581	-1.82684	0.516229	0.729773	-1.37029	0.0568962	0.4021553	-2.48643	0.671271	0.909149	1.0998	1.0998	0.904833	-1.05615	0.333716	0.620528	-1.61153	1.66995	0.658806	0.342461	1
cg06181761	C14orf184	0.240824	0.0367688	2.91075	2.91075	0.805144	0.896862	-1.115	0.888127	0.939894	-1.06395	0.167757	1.91076	1.91076	0.155842	1.9517	1.9517	0.072214	2.37557	2.37557	0.481115	1.37077	1.37077	0.214392	1.7781	1.7781	0.149613	1.97462	1.97462	1.66994	5.12962	2.73043	1
cg08440698	CRLS1;CRLS1	0.240829	0.067622	1.37473	1.37473	0.0760178	1.32138	1.32138	0.151198	1.7596	1.7596	0.0987555	1.51041	1.51041	0.0648439	1.31447	1.31447	0.660486	1.03932	1.03932	0.876708	0.99563	-1.00439	0.988557	0.0216054	2.0216	2.0216	0.0127353	2.063189	2.06319	1.6699	0.351033	0.316876	1
cg01115923	KIFC3;KIFC3;KIFC3	0.240831	0.576419	1.24085	1.24085	0.0810746	2.09502	2.09502	0.953979	0.978174	-1.02231	0.436015	1.35508	1.35508	0.169595	0.571521	-1.74972	0.723496	0.872693	-1.14548	0.141375	1.83078	1.83078	0.0541808	2.3061	2.3061	0.599356	1.22705	1.22705	1.66992	3.86687	2.05831	1
cg04783813	FITM1	0.240833	0.379081	0.834834	-1.19794	0.0383293	0.618686	-1.61633	0.653238	0.833502	-1.20004	0.0174471	1.07622	1.07622	0.955111	1.0126	1.0126	0.825327	0.956745	-1.04521	0.294492	1.24302	1.24302	0.0917895	0.764466	-1.30777	0.0548198	0.646414	-1.54604	1.66991	1.05845	0.563413	1
cg02653809	UBE2D1	0.240833	0.539624	1.09326	1.09326	0.164577	1.2372	1.2372	0.0642704	1.34783	1.34783	0.207306	1.21037	1.21037	0.667565	1.06417	1.06417	0.228923	1.19875	1.19875	0.0980193	0.770602	-1.29769	0.634472	0.933954	-1.07119	0.500016	1.10329	1.10329	1.66991	0.545182	0.2902	1
cg04156940	EGFR;EGFR;EGFR;EGFR	0.240837	0.042245	0.233868	-4.27591	0.0990263	1.07441	1.07441	0.468272	0.632366	-1.58136	0.362658	0.559321	-1.78788	0.358854	0.556599	-1.79663	0.509719	1.51484	1.51484	0.323988	1.88246	1.88246	0.697721	1.27428	1.27428	0.721961	0.801006	-1.24843	0.66989	0.10996	5.42929	1
cg05500987	RPS6KA2	0.240843	0.861934	1.03494	1.03494	0.789977	1.03937	1.03937	0.0627404	0.547679	-1.82589	0.398248	0.976215	-1.2881	0.0154502	0.4172457	-2.40051	0.712464	0.897256	-1.11454	0.732587	1.10891	1.10891	0.465261	0.804096	-1.24317	0.384814	0.770298	-1.2982	1.67	0.220898	0.10771	1
cg21235602	MOBP;MOBP	0.240844	0.194771	0.237981	-4.20202	0.301759	0.32634	-3.06428	0.224702	0.263203	-3.79934	0.0883391	7.15738	7.15738	0.644879	1.6254	1.6254	0.242196	0.277713	-3.60084	0.0983228	0.149922	-6.67015	0.792973	1.31693	1.31693	0.651993	1.60831	1.60831	1.66986	28.9736	15.423	1
cg15617021	LHFP	0.240853	0.117734	1.66086	1.66086	0.0255594	1.51335	1.51335	0.140438	2.02424	2.02424	0.7206	1.02364	1.02364	0.164322	1.39635	1.39635	0.353966	0.609502	-1.64102	0.0963616	0.544444	-2.7439	0.0758676	0.607431	-1.64628	0.199001	0.488854	-2.22775	0.68683	0.93655	0.485817	1
cg15650170	AGAP3;AGAP3	0.240855	0.314635	0.840911	-1.18919	0.381496	1.16133	1.16133	0.115084	1.33042	1.33042	0.235541	0.8129	-1.23016	0.756108	0.949409	-1.05329	0.639297	0.924356	-1.08183	0.0439185	0.679874	-1.47086	0.624837	0.921159	-1.08559	0.236113	0.813125	-1.22982	1.66982	0.7343	0.390887	1
cg27570992	ATXN7L1;ATXN7L1	0.240856	0.360694	1.34977	1.34977	0.312627	1.40219	1.40219	0.0338139	0.44841	-2.2301	0.229739	0.665073	-1.50359	0.348036	0.731471	-1.36711	0.739793	0.89774	-1.11391	0.146928	0.604228	1.655	0.715438	0.888254	-1.1258	0.228453	0.664249	-1.50546	1.66982	2.77015	1.47462	1
cg14738643	ZNF514	0.240864	0.650751	1.34599	-1.34599	0.7139095	1.14156	1.14156	0.0617093	1.74655	1.74655	0.0827073	1.84007	1.84007	0.493573	0.918788	-1.08839	0.998688	0.994604	1.00484	0.0084004	0.974603	1.45853	0.685677	0.95407	-1.04814	0.0800204	0.774873	-1.33892	0.808099	1.02999	1.66979	0.392472	0.208727	1
cg13324547	BAMBI	0.240867	0.230002	0.397735	-2.51424	?	?	?	0.0272628	0.134965	-7.40936	0.55669	0.650896	-1.53634	?	?	?	0.147701	0.317729	-3.14734	0.50158	0.6106055	-1.63772	0.391927	0.529124	-1.88992	?	?	?	1.82764	9.51154	5.20428	1
cg16533757	SMAD6;SMAD6;SMAD6	0.240867	0.340979	0.918564	-1.08863	0.0909739	0.324083	-3.08563	0.109

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1247T vs. N)	Fold-Change(1247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg14589148	BDNF;BDNF;BDNF;BDNF	0.241106	0.251889	0.50915	-1.96406	?	4	0.551788	1.39423	1.39423	0.380626	1.65035	1.65035	?	?	?	0.04282812	4.08443	4.08443	0.880297	1.1249	1.1249	0.625835	0.762935	3.131073	1.94521	5.65721	2.42356	1
cg26180383	MIR1207;PVT1	0.241108	0.798879	0.861415	-1.16088	0.3316882	4.35607	0.36037299	3.38812	0.38103	0.263633	0.505718	-1.97739	0.697543	0.795975	-1.25632	0.5715568	1.39659	-1.39659	0.3892458	1.16749	1.6745	0.773777	1.18339	1.18339	0.681472	0.785735	-1.27269	1.66884	9.0228	4.8059	1
cg21221571	CNGB3	0.241111	0.43561	1.63248	1.63248	0.3600331	1.78573	1.78573	0.521265	1.49269	1.49269	0.891712	1.08755	1.08755	0.248482	0.475535	-2.1029	0.582407	0.710221	-1.40801	0.567863	1.42723	1.42723	0.0167263	6.04736	6.04736	0.195912	2.3226	2.3226	1.66883	10.0344	5.34474	1
cg07028951	LOC102028730;PAN3;PAN3	0.241125	0.05484264	0.82874	-1.59048	0.689784	1.08924	1.08924	0.135906	1.6083	1.4083	0.655706	1.808818	-1.10033	0.0803955	0.615119	-1.51167	0.212583	0.755997	-1.32258	0.663732	0.911008	-1.09769	0.6513821	1.00175	1.00176	0.831278	0.955558	-1.04651	1.66877	1.19978	0.6390774	1
cg24822127	FATE1	0.241126	0.6818	1.27909	1.27909	0.943126	0.958295	-1.04352	0.325206	0.545222	-1.83441	0.100304	0.341303	-2.92995	0.0849788	0.320703	-3.11815	0.478843	1.53705	1.53705	0.46612	0.6356	-1.57332	0.0325727	0.224573	-4.4529	0.48411	0.654057	-1.52892	1.66877	9.422	5.01874	1
cg27094117	MAD2L1	0.241136	?	?	?	0.386439	1.7803	1.7803	0.260304	2.14424	2.14424	0.761287	0.820416	-1.22889	0.656932	0.74796	-1.33609	0.2758005	-3.94315	0.719833	0.791369	-1.26363	0.68043	0.87326	0.83785	-3.94315	0.719833	0.791369	-1.26363	0.68043	0.87326	5.94159	1
cg13036656	PDE6B;PDE6B;PDE6B	0.241141	0.121509	0.320951	-3.11574	0.649156	1.36352	1.36352	0.724188	0.786748	-1.27105	0.967312	1.02813	1.02813	0.0916356	0.284395	-3.51623	0.312978	0.493355	-2.02694	0.154346	0.35623	-2.80718	0.0276821	0.171666	-5.82525	0.340611	0.514436	-1.94416	1.66871	12.1122	6.45194	1
cg07933378	SLC39A4;SLC39A4	0.241150	0.353935	0.655255	-1.52632	0.818918	0.909353	-1.10699	0.159311	0.504882	-1.98066	0.271814	1.13756	1.13756	0.0200842	0.288472	-3.46654	0.118199	0.471475	2.121	0.476234	0.725373	-1.3786	0.610705	0.796475	-1.25553	0.0986774	0.448165	-2.23132	1.66871	5.19223	2.7658	1
cg22123156	PDE2A;PDE2A;PDE2A;MIR139;PDE2A	0.241162	0.0615836	0.449601	-2.24769	0.099611	0.86547	-1.15567	0.16082	0.23113	-4.32616	0.0198	0.648903	0.8385959	-1.19281	0.0596703	0.441555	-2.26472	0.66344	0.845	-1.18343	0.8825594	0.485059	-2.06161	0.433589	0.735192	-1.35982	0.357612	0.694967	-1.43892	1.66871	3.91007	2.08282	1
cg09063566	FAM46A	0.241142	0.0885862	1.43125	1.43125	0.724003	0.934572	-1.07001	0.888549	0.973593	-1.02712	0.666309	1.08633	1.08633	0.0334399	1.60689	1.60689	0.293762	1.23103	1.23103	0.177365	0.76062	-1.31472	0.698104	0.928307	-1.07723	0.933144	1.01614	1.01614	1.6887	0.962711	0.512819	1
cg23882186	INPP4A;INPP4A;INPP4A;INPP4A;SERPINE2;SERPINE2;SERPINE	0.241143	0.420526	?	?	?	0.66474	0.49197	0.495485	0.57553	1.73753	0.499887	1.06291	1.06941	0.1572443	0.40791	-2.45071	0.647295	1.57241	1.57241	0.342093	0.342476	2.9191	2.9191	0.99702	1.00029	0.439665	0.484966	2.062	1.6687	22.2828	11.5807	1
cg06476093	2;SERPINE2	0.241146	0.0630745	1.55214	1.55214	0.405873	0.836263	-1.1958	0.482476	0.860261	-1.16195	0.259872	1.28036	1.28036	0.654597	1.09932	1.09932	0.06787387	0.650441	-1.53742	0.889102	1.02977	1.02977	0.978864	0.994445	-1.00559	0.254411	1.28434	1.28434	1.66869	1.16858	0.623487	1
cg02192218	CLN3;CLN3	0.241148	0.632223	0.782578	-1.27783	0.115815	0.419341	-2.3847	0.125826	0.43077	-2.32142	0.801965	0.880054	-1.13629	0.269132	0.557031	-1.79523	0.539398	0.729119	-1.37152	0.295149	0.575798	-1.73672	0.0478967	0.15802	3.15802	0.918211	0.949116	-1.05361	1.66868	6.83177	3.63921	1
cg25148866	HIRA;MRPL40	0.241148	0.0780154	1.38035	1.38035	0.165729	1.27549	1.27549	0.427464	1.14267	1.14267	0.892954	1.1225	1.1225	0.19675	1.24928	1.24928	0.340976	0.850846	-1.1753	0.0529324	1.43632	1.43632	0.180905	1.26344	1.26344	0.214077	1.24027	1.24027	1.66868	0.716086	0.381451	1
cg12737548	C15orf52	0.241151	0.0882785	-2.2729	-2.33688	0.0098592	0.0827875	-2.12791	0.224143	0.37435	-2.6713	0.853702	1.35155	1.35155	0.156	1.35156	0.573798	0.723492	-1.38228	0.904075	1.09611	1.09611	0.728948	1.30046	1.30046	1.66867	1.46458	0.22783	1
cg01996909	TIH5L	0.241151	0.0993928	0.303042	-3.29987	0.0245153	0.170177	-5.87625	0.146166	0.356591	-2.80434	0.637564	0.730765	-1.36843	0.157205	0.367912	-2.71804	0.352276	0.531148	-1.88271	0.265628	0.46451	-2.15281	0.173419	0.383878	-2.60499	0.784827	1.1983	1.1983	1.66867	11.5468	6.15092	1
cg14086150	PAQR5;PAQR5	0.241153	0.358303	0.554597	-1.06998	0.828152	0.953476	-1.04879	0.626159	0.897999	-1.11359	0.724077	0.915265	-1.08377	0.994885	1.00141	1.00141	0.915704	0.977564	-1.02347	0.00842702	2.09033	2.09033	0.388538	0.823933	-1.21369	0.749471	0.932196	-1.07274	1.66866	1.26923	0.676112	1
cg26250288	ABCA3	0.241154	0.3586823	0.6604221	-1.51408	0.3681	0.647155	-1.54522	0.914968	0.954142	-1.04806	0.580953	1.22767	1.22767	0.0173315	0.279707	-3.57517	0.280344	1.63756	1.63756	0.629346	0.8077552	-1.21831	0.766779	0.877461	-1.13965	0.16259	0.510504	2.71944	1.66865	0.504124	4.05627	1
cg19474267	PRKCA	0.241169	0.485982	0.597131	-1.67468	0.0296977	0.155063	-6.449	0.0424244	0.18228	-5.48606	0.708952	1.31403	1.31403	0.197413	0.370682	-2.69773	0.67913	0.738627	-1.35386	0.252657	0.418841	-2.38754	0.895604	1.10034	1.10034	0.859325	1.13793	1.13793	1.6686	14.0192	7.46825	1
cg08202603	JPH3	0.241177	0.775636	0.953192	-1.05109	0.737977	1.14387	-1.2888	0.738453	0.825253	-1.21175	0.7076588	1.40021	1.40021	0.622444	1.0004	1.0004	0.2926	1.20973	1.20973	0.722387	1.06418	1.06418	0.864097	1.04079	-1.04325	0.0771192	0.709831	1.40079	1.6686	0.504	0.428085	1
cg02999224	SCAT7;SLC7A7;SLC7A7;SLC7A7	0.241172	0.0617423	0.362179	-2.76107	0.304389	0.598438	-1.67102	0.154279	0.478974	-2.0878	0.582064	0.763668	-1.30947	0.0520708	0.344138	-2.90581	0.459942	1.43787	1.43787	0.177155	0.500876	-1.9965	0.135177	0.459613	-2.17574	0.566933	0.75626	-1.3223	1.66859	6.15754	3.38024	1
cg12237946	PGBD4;PGBD4;C15orf24	0.241178	0.226901	0.707272	-1.41402	0.105968	0.684935	-1.45099	0.69064	0.88029	-1.13635	0.878379	1.34637	1.34637	0.0184622	1.10402	1.10402	0.0747206	0.8945	-1.11799	0.0858	1.16419	1.16419	0.0408356	0.81134	-1.23253	0.0808708	1.1157	1.1157	0.0411565	1.89809	1.66856	0.20021	0.04219	1
cg03369955	GAUNT9	0.241178	0.120022	0.124368	-8.04064	0.430524	0.369926	-2.70324	0.945482	1.0882	1.0882	0.310188	0.273119	-3.66141	0.0752856	0.0864921	-11.5617	0.311843	0.274415	-3.64411	0.0227816	0.034451	-29.0267	0.362755	0.314708	-3.17755	0.149183	0.147827	-6.76467	1.66856	40.3666	21.5044	1
cg15051221	FAM153C	0.241181	0.0299757	3.63215	3.63215	0.458034	1.46483	3.16483	0.21023	2.27884	2.27884	0.566901	1.33963	1.33963	0.0440754	3.21757	3.21757	0.630051	1.27783	1.27783	0.24839	1.83959	1.83959	0.177536	2.06245	2.06245	0.179294	2.05569	2.05569	1.66856	6.74364	3.59254	1
cg00328466	ZNF680;ZNF680;ZNF680;ZNF680;ZNF680	0.241183	0.865149	0.52057	-1.55057	0.845609	1.93597	-1.11914	0.457278	0.69597	-1.09597	0.722789	1.09597	1.09597	0.0714265	0.7018	-1.42478	0.384703	1.1115	1.1115	0.10498	0.8997	-1.11115	0.6289908	1.05999	1.05999	0.542855	0.8997	-1.11115	0.6289908	1.05999	1.66855	0.179438	0.201606	1
cg20908556	LOC285419	0.241184	0.743776	0.910411	-1.09841	0.345236	0.757149	-1.32074	0.124031	0.62086	-1.61067	0.487994	1.22339	1.22339	0.240044	0.703254	-1.42196	0.245458	0.70635	-1.41573	0.0391815	1.9797	1.9797	0.764126	0.917485	-1.08994	0.914882	0.969867	-1.03107	1.66854	2.16411	1.1529	1
cg12402496	PIK3R2	0.241185	0.347884	0.850802	-1.51937	0.372654	0.90305	-1.26095	0.557063	0.899791	-1.11159	0.724077	0.958581	1.04307	0.0264663	1.08749	1.08749	0.0216583	0.823656	-1.21403	0.0246563	2.211455	1.7583	1.7583	0.0545997	1.83265	1.83265	1.16726	0.119575	2.07764	2.08754	4.95333	2.63881	1
cg03615840	PCNXL2	0.241186	0.932256	0.955388	-1.04669	0.0794424	0.35168	-2.84349	0.660355	1.2679	1.2679	0.520454	1.4186	1.4186	0.129265	0.414841	-2.41056	0.543579	0.39099	-2.55773	0.0148975	0.64193	-1.5578	0.400406	0.58731	-1.58731	0.0551754	0.311332	-3.21201	1.66853	7.61402	4.05627	1
cg18962265	OTX1	0.241187	0.0506497	0.811372	-1.23248	0.204989	1.13374	1.13374	0.474513	0.934014	-1.07065	0.461476	1.0729	1.0729	0.731447	1.03286	1.03286	?	?	?	0.642183	0.957031	-1.0449	0.745879	0.96994	-1.03099	0.109217	1.17813	1.17813	1.67393	0.207602	0.12402	1
cg06522149	BRMS1L	0.241206	0.228056	0.73823	-1.35459	0.379777	1.41387	1.2438	0.734253	1.21355	-1.08538	0.411962	1.12291	1.12291	0.0201431	1.3585	1.3585	0.0683702	0.61294	-1.63148	0.111331	1.5197	1.5197	0.892421	1.03985	1.96802	-1.02039	0.373886	1.24526	1.24526	1.52055	0.81008	1
cg13494887	APPL2	0.241212	0.18198	2.38659	2.38659	0.0268448	0.00345	5.00345	0.146795	2.60173	2.60173	0.735819	1.23113	1.23113	0.69141	1.27758	1.27758	0.419372	1.65967	1.65967	0.0643993	4.05741	4.05741	0.34784	1.89321	1.89321	0.18116	3.39097	2.39097	1.66844	9.96258	5.30774	1
cg01949171	FAM20C	0.241085	0.436085	0.7884	-1.26838	0.588402	0.863328	-1.15823	0.613682	0.83378	-1.19944	0.731228	0.70378	0.877442	0.0904404	0.6833113	0.574546	0.7626824	0.774403	1.29109	0.0790504	1.26078	1.26078	0.381759	1.7263	1.7263	0.104274	0.9648	1.03684	1.66844	0.0880606	0.524745	1
cg08030078	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.241216	0.346069	1.83175	1.83175	0.1154318	2.38445	1.38445	0.0422929	4.3016	4.3016	0.622639	1.36261	1.36261	0.72923	1.24204	1.24204	0.317069	1.90625	1.90625	0.396768	1.71819	1.71819	0.793682	1.17761	1.17761	0.988422	1.00909	1.00909	1.66842	0.281	5.47745	1
cg05434448	GLI2	0.241224	0.73596	0.848839	-1.17808	0.961997	1.02314	1.02314	0.510432	0.723726	-1.38174	0.836426	1.10526	1.10526	0.0748408	0.982608	-2.61364	0.235796	0.547929	-1.82505	0.0677855	0.371325	-2.69306	0.946127	0.967808	-1.03126	0.0293796	0.288676	-3.46409	1.66839	6.19568	3.30095	1
cg26434225	MRPS28	0.241227	0.338844	0.6977	-1.43327	0.277762	0.684935	-1.45099	0.69064	0.88029	-1.13635	0.878379	1.34637	1.34637	0.0184622	1.10402	1.10402	0.0144256	0.8945	-1.11799	0.0858	1.16419	1.16419	0.0408356	0.81134	-1.23707	0.0372691	1.1157	1.1157	0.0411565	1.89809	1.66836	0.208005	0.104745	1
cg03234777	AMICA1	0.241228	0.258541	0.387765	-2.57888	0.039581	0.147673	-6.7717	0.0398039	0.148088	-6.75273	0.31495	0.433855	-2.30492	0.340261	0.453935	-2.20296	0.932907	1.07001	1.07001	0.819981	0.832622	-1.20103	0.139507	0.278634	-3.58894	0.151417	0.290758	-3.43928	0.66837	17.064	9.09149	1
cg18479322	PACRG;PACRG;PACRG	0.241229	0.403493	0.7222	-1.38477	0.3106	0.707702	-1.41307	0.353665	0.538705	-1.85675	0.38795	0.588725	1.13775	1.13775	0.0178477	0.87024	-1.14907	0.875331	1.14263	0.281615	0.5393955	-1.85355	0.0279197	0.172435	-5.79276	0.0279197	0.172435	-5.79276	0.0279197	0.172435	5.80378	3.26488	1
cg20705812	DLGAP2	0.24123	0.0751898	0.385492	-2.59409	0.0912582	0.408659	-2.44703	0.262884	0.527258	-1.74594	0.420281	0.673977	-1.48373	0.0702451	0.377701	-2.6476	0.22895	0.54741	-1.83574	0.0800203	0.392777	-2.54597	0.0977969	0.417313	-2.39628	0.219455	0.537246	-1.86134	1.66836	6.11654	3.25883	1
cg09584155	ARHGAP17;ARHGAP17	0.24123	0.318509	0.802162	-1.24663	0.77427	1.06341	1.06341	0.824816	1.04854	1.04854	0.0864789	1.49017	1.49017	0.65788	0.909105	-1.09998	0.445516	1.18091	1.18091	0.0628455	0.639211	-1.56443	0.913256	0.97697	-1.02357	0.122848	1.42968	1.42968	1.66836	1.20802	0.643622	1
cg26790825	ZDHHC17	0.241231	0.6817613	0.810679	-1.23351	0.0125155	0.163668	-6.10914	0.0423652	0.18455	-5.41432	0.709778	1.11281	1.11281	0.0709507	0.507434	-1.97042	0.328011	1.17289	1.17289	0.195264	0.8054	-1.24162	0.645734	0.870586	1.14744	1.14744	0.884636	0.97624	0.859125	1.66836	0.859125	0.353125	1
cg14862385	PDE4D;PDE4D;PDE4D	0.241235	0.0962443	0.595821	-1.67836	0.387451	0.738055	-1.3545	0.205653	0.799111	-1.25139	0.360963	0.766255	-1.30505	0.410564	0.787754	-1.26943	0.882565	0.586692	-1.70447	0.0942861	1.68452	1.68452	0.257529	1.06392	1.06392	0.985479	1.00517	1.00517	1.66835	2.1237	1.1315	1
cg19318095	ZNF702P	0.241238	0.1065149	2.02806	2.02806	0.2466	1.56446	1.56446	0.0742106	2.03879	2.03879	0.360341	1.16098	1.16098	0.18747	1.531821	1.531821	0.0178351	0.418132	2.39155	0.0281	1.9586	1.9586	0.0203392	1.79041	1.79041	0.0168634	1.2975	1.2975	0.0168634	1.2975	1.66835	0.179438	0.201606	1
cg11495544	GRB2;GRB2	0.241238	0.974059	0.991876	-1.00819	0.0335824	1.86404	1.86404	0.155732	1.46378	1.46378	0.612682	0.879795	-1.13663	0.418111	0.820035	-1.21946	0.79035	1.06913	1.06913	0.324676	0.774804	-1.29065	0.189898	0.705888	-1.41666	0.584438	0.87062	-1.14861	1.66833	1.6628	0.885943	1
cg14497545	MAML3	0.241238	0.537953	0.809018	-1.23622	0.0250189	0.395604	-2.52778	0.376069	0.71	-1.40855	0.2129	0.3972	-2.51722	0.0196579	0.248912	-4.01766	0.154826	0.707324	-1.41376	0.0154926	0.8203656	-1.21898	0.0732747	0.554025	-1.80497	0.0732747	0.554025	-1.80497	0.0732747	0.554025	4.95333	2.63881	1
cg07363112	SNX4	0.241243	0.391605	1.18062	1.18062	0.197071	1.2943	1.2943	0.114672	1.32192	1.32192	0.0180188	1.62767	1.62767	0.156164	0.901238	1.10959	0.801043	1.04892	1.04892	0.0493566	0.63762	-1.56856	0.112904	1.11904	1.11904	0.527226	1.12883	1.12883	1.66832	0.945481	0.503758	1
cg01139016	AGAP1;AGAP1	0.241244	0.534509	0.713059	-1.39458	0.152026	0.25093	0.25093	0.686677	1.23912	1.23912	0.672989	0.79896	-1.25163	0.823580	0.888649	-1.1253	0.747486	1.18625	1.18625	0.204239	0.492442	-2.0307	0.0390177	0.53664	1.53664	0.128855	2.38152	2.38152	1.66831	7.38634	3.9355	1
cg12895760	SYT13	0.241245	0.368167	1.58168	1.58168	0.0123157	0.94353	1.05912	0.899746	1.27659	1.27659	0.268689	1.09892	1.09892	0.0135409	1.53705	1.53705	0.794151	1.1584	1.1584	0.168873	1.26179	1.26179	0.958784	1.04826	1.04826	0.102948	0.500981	1.48826	1.48826	1.66829	0.83416	0.45123	1
cg07844660	ARRDC2;ARRDC2	0.241252	0.562552	1.16628	1.16628	0.745084	1.08949	1.08949	0.914227	1.02871	1.02871	0.930531	1.02317	1.02317	0.737196	0.915316	1.09252	0.854269	1.04949	1.04949	0.0958387	0.424477	-2.35584	0.399088	0.797068	-1.2546	0.198888	0.700615	-1.42732	1.66827	1.82385	0.971781	1
cg14093145	C19orf48;C19orf48	0.241254	0.992398	1.00574	1.00574	0.0207124	1.56845	1.56845	0.377185	1.17432	1.17432	0.165376	1.30002	1.30002	0.202519	1.26775	1.26775	0.716953	0.937478	-1.06669	0.263467	1.22953	1.22953	0.419146	0.863826	-1.15784	0.0921213	1.02206	1.02206	1.66827	0.044987	0.044292	1
cg21324936	PKNOX2	0.241259	0.242688	0.78968	-1.26677	0.473073	0.15135	1.15135	0.0425	0.17	-5.88235	0.0423727	-1.32051	0.0922337	1.11006	1.11006	0.105957	0.7572842	-1.32054	-1.46039	0.0922337	1.11006	1.11006	0.105957	0.7572842	-1.32054	-1.46039	0.0922337	1.11006	1.11006	0.105957	0.7572842	-1.32054	-1.46039	1.66827	1.43276	0.565341	1.11878	1.11878	0.578381	1.11438	1.11438	0.0922337	1.11006

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
qp6202077	ZNF642	0.241565	0.0578696	0.783307	-1.99605	0.76845	0.955044	-1.04707	0.225584	0.820392	-1.12889	0.227253	0.212804	1.210896	0.08089	1.15143	1.15143	0.549175	0.910004	-1.0889	0.75361	0.952728	-1.04962	0.573034	0.915201	-1.05266	0.559009	1.0963	1.0963	1.66706	0.63923	0.340841	1
qp6270748	CREM;CREM;CREM;CREM;CREM;CREM	0.241569	0.1168844	0.7124329	-1.42305	0.766086	0.942022	-1.06155	0.854552	0.960931	-1.03742	0.586442	0.895865	-1.11624	0.505518	1.12853	1.12853	0.133986	0.723584	-1.38201	0.066383	0.602766	-1.50883	0.110043	1.47222	1.47222	0.902725	1.0263	1.0263	1.66705	1.05814	0.564209	1
qp1008898	DARC	0.241572	0.8941133	0.9333609	-1.07139	0.009969626	5.38026	5.38026	0.115474	2.200868	2.200868	0.466853	1.46734	1.467342	0.8515552	1.10189	1.10189	0.254465	1.85196	-1.85196	0.662847	0.796764	-1.25508	0.860554	1.09101	1.09101	0.585721	1.3298	1.3298	1.66704	7.0815	3.77935	1
qp2235012	DPYD;DPYD	0.241577	?	?	?	0.497136	0.720418	-1.38808	0.120147	0.444731	-2.24855	0.202249	1.9047	2.19047	0.1925	1.61747	1.61747	0.0628543	2.75052	2.75052	0.619418	0.788271	-1.2686	0.380102	1.53579	1.53579	0.967487	1.01953	1.73258	5.37797	2.71602	1
qp2649309	SORCS2	0.241581	0.3687317	0.8020338	-1.24682	0.2859973	0.767376	-1.30314	0.0923918	0.6421385	-1.5567	0.199231	0.7213172	-1.3828	0.0286091	0.53953	0.53953	0.763373	0.930397	-1.07481	0.2722151	1.31406	1.31406	0.97678	1.00698	1.00698	0.945432	0.983771	-1.01649	1.667	1.50737	0.803767	1
qp1244819	ISM1	0.241587	0.397273	0.8842219	-1.13094	0.206594	1.20817	1.20817	0.290691	1.16843	1.16843	0.796801	1.03731	1.03731	0.624999	0.932458	-1.07243	0.0829704	1.31327	1.31327	0.116698	0.785078	-1.27376	0.854333	0.974247	-1.02643	0.180412	0.817155	-1.22376	1.66698	0.532073	0.283719	1
qp1537160	FAM193A	0.241593	0.592593	1.18298	1.13525	0.649435	1.153	1.153	0.30569	1.90351	1.90351	0.116251	1.7007	1.7007	0.0348526	0.465229	-2.14925	0.30954	0.720966	-1.38703	0.964767	0.986152	-1.01394	0.32104	1.37571	1.37571	0.8080558	1.0784	1.0784	1.66695	2.55513	1.36259	1
qp2737205	GTF3C1	0.241595	0.564094	0.6600779	-1.50153	0.559143	1.50929	1.50929	0.300944	1.473823	-2.11049	0.853543	1.04144	1.04144	0.0120893	0.212888	0.85046	0.611774	0.699992	-1.42859	0.483288	0.608668	-1.64293	0.31673	0.0571	0.0571	0.417099	0.563165	0.563165	1.78232	1.66985	12.8213	0.836985	1
qp2420349	PDGFA;PDGFA	0.241597	0.260714	1.47941	1.47941	0.679142	1.14897	1.14897	0.774862	1.10048	1.10048	0.646036	0.856933	-1.16695	0.0249231	2.43764	2.43764	0.185733	1.59754	1.59754	0.065581	1.99358	1.99358	0.154512	1.66331	1.66331	0.603288	1.1913	1.1913	1.66694	2.94282	1.56925	1
qp0883381	CROCC2	0.241601	0.177902	1.20729	1.20729	0.842987	1.16667	1.16667	0.60849	1.070934	1.070934	0.514767	1.09081	1.09081	0.4636955	1.02667	1.02667	0.538664	1.09207	1.09207	0.588662	1.042291	1.042291	0.1820955	1.50312	1.50312	0.0637973	1.09148	1.09148	1.03676	0.8257771	0.0974708	0.243735	1
qp0294246	ECE1;ECE1;ECE1;ECE1	0.241603	0.0978661	0.274697	-3.64038	0.323335	0.483393	-2.06641	0.941886	0.948044	-1.05324	0.30583	0.470292	-2.12635	0.0850341	0.257962	-3.87654	0.188567	0.371124	-2.69452	0.0239955	0.147215	-6.79278	0.396242	0.538943	-1.85548	0.188342	0.370915	-2.69603	1.66692	13.3655	7.1272	1
qp2630702	CUX1;CUX1;CUX1	0.241603	0.795541	0.892787	-1.12337	0.2253689	3.49624	3.49624	0.05108	2.84736	2.84736	0.880351	1.07352	1.07352	0.6754924	0.931926	-1.17243	0.955939	0.976588	-1.02397	0.455608	1.45443	1.45443	0.962504	1.05708	1.05708	0.1785581	0.6534681	-1.51928	1.66692	5.85584	3.12265	1
qp2736003	NEURL;NEURL	0.241606	0.161861	0.757785	-1.31964	0.926509	1.01871	1.01871	0.245746	1.25285	1.25285	0.702497	1.07386	1.07386	0.0598805	1.48322	1.48322	0.563455	0.897221	-1.11455	0.0821419	1.42093	1.42093	0.623487	1.09623	1.09623	0.430917	0.861334	-1.16099	1.6669	0.910243	0.485394	1
qp0292141	RBM4	0.241609	0.444903	0.726296	-1.37685	0.134921	0.515915	-1.9383	0.522844	1.30464	1.30464	0.840684	1.08616	1.08616	0.105352	0.483558	2.068	0.388876	0.695851	-1.43709	0.0381617	0.137256	-7.28296	0.682843	0.994742	0.476742	-2.09757	0.998166	1.00094	1.66689	4.45168	2.37391	1
qp0739110	SETD1B	0.241615	0.309488	0.7803746	-1.28142	0.8238852	0.87346	-1.14487	0.595155	1.385554	1.38354	0.737882	1.07388	1.07388	0.5791112	-1.72977	0.0963179	0.308912	0.732012	-1.36577	0.2122153	0.225554	-4.43921	0.129942	0.370485	-2.69936	0.5626308	0.700949	-1.42664	0.6889	9.72704	5.18706	1
qp1084889	CA3	0.241616	0.5196533	0.5264475	-1.89943	0.472638	2.05034	2.05034	0.763564	0.7434	-1.34557	0.687345	0.671885	-1.48835	0.9185325	0.926988	-1.07876	0.638637	0.628191	-1.59187	0.561419	0.561494	-1.78096	0.673313	1.5171	1.5171	0.00912098	25.7761	25.7761	1.66687	25.5045	13.6008	1
qp1200644	LOC400657	0.241622	0.214526	0.829747	-1.20519	0.207739	3.20892	3.20892	0.116693	1.27564	1.27564	0.311461	0.861085	-1.16133	0.207711	0.825242	-1.21177	0.21397	1.20549	1.20549	0.944853	1.00993	1.00993	0.409052	0.83541	-1.12942	0.332567	1.15346	1.15346	1.66685	0.538537	0.287188	1
qp1598148	FAAH	0.241628	0.563928	0.55117	-1.81407	0.07564096	0.0556405	-17.9725	0.785265	1.49219	0.7034666	1.75115	1.75115	0.619329	0.48	-2.08333	0.0176675	0.0145615	-68.6742	0.306931	0.212233	-4.71181	0.435382	0.115157	-3.2101	0.6880596	0.544072	-1.83496	1.66684	56.6991	30.2363	1
qp1398283	HMGB1	0.241628	0.433028	0.754077	-1.32612	0.638676	1.18158	1.18158	0.0279184	2.50041	2.50041	0.289537	1.47379	1.47379	0.505855	0.78808	-1.26891	0.315964	0.693661	-1.44163	0.857453	0.93854	-1.06548	0.578569	1.21891	1.21891	0.125821	1.79388	1.79388	1.66682	3.28564	1.75218	1
qp1708963	TNFAIP8L1;TNFAIP8L1 ///P6K2;P6K2;P6K2;

File: ESM_23 (Online Resource 23)

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cg24461964	KIF5C;KIF5C		0.2419867		0.571708	1.10947	1.10447	0.764724	1.05357	0.9573	1
cg08839272	KBTBD5		0.2419988		0.432366	0.762784	-1.31099	0.316794	1.41868	0.418868	0.081454	0.520673	-1.92059	0.12174	0.567283	-1.76279	0.342279	0.71845	-1.39189	0.616797	1.18589	0.158549	0.316354	1.67289	1.67289	0.560169	1.22028	1.22028	0.344847	0.719787	-1.3893	1.66542	3.01223	1.60772	1
cg23489434	FLI12625		0.2419992		0.522535	0.898332	-1.11317	0.987183	0.997346	-1.00266	0.165857	1.27694	1.27694	0.0940193	0.737421	-1.35608	0.269362	0.826718	-1.2096	0.237997	1.22689	1.22689	0.0661214	0.7110454	-1.40638	0.668998	0.931323	-1.07374	0.616302	0.91982	-1.08717	0.665141	0.721874	0.38529	1
cg20496455	TUBA4A;TUBA4B		0.2419995		0.465797	0.742245	-1.34726	0.732634	1.14765	1.14765	0.834027	0.939187	-1.08792	0.2214881	0.996852	-1.67546	0.078555	1.18219	1.18219	0.675282	1.18435	1.18435	0.0413003	2.57351	2.57351	0.235182	1.64917	1.64917	0.0724607	2.23655	2.23655	1.6654	4.25398	2.27052	1
cg13086402	UNC80;UNC80		0.2419998		0.520033	1.25968	1.25968	0.819701	1.08418	1.08418	0.00989339	0.315433	-1.37024	0.674898	0.861276	-1.16107	0.262326	0.661158	-1.5125	0.745706	0.891188	-1.1221	0.544038	1.24284	1.24284	0.461551	0.76693	-1.3039	0.525239	0.796199	-1.25597	0.693139	3.3057	1.76439	1
cg15731296	PBRG3;PBRG3		0.2419999		0.784252	1.09445	1.09445	0.507344	1.24758	1.24758	0.701392	1.3508	1.3508	0.130828	1.13508	1.13508	0.730631	0.892563	-1.12037	0.511653	0.803401	-1.24471	0.217691	1.53185	1.53185	0.181178	1.59497	1.59497	0.0208433	0.400649	-2.49595	0.929134	1.02968	1.02968	1.66538	2.82564	1.52258	1
cg01023703	BAIAP3		0.2420003		0.714717	1.09033	1.09033	0.0838628	0.637214	-1.56933	0.210914	0.731061	-1.36454	0.9886	1.00337	1.00337	0.0827491	0.655959	-1.57243	0.488741	1.1802	1.1802	0.0443468	0.578621	-1.72825	0.812702	0.945618	-1.05751	0.49391	0.849033	-1.17781	1.66537	1.46373	0.781264	1
cg00099412	DDX18		0.2420006		0.617799	0.882663	-1.13349	0.664576	1.11624	1.11624	0.778515	1.07959	1.07959	0.910588	0.972104	-1.0287	0.284608	1.52305	1.52305	0.0129827	2.17374	2.17374	0.200389	0.71131	-1.40586	0.904435	1.09071	1.09071	0.877086	0.961769	-1.03975	1.66536	1.67304	0.892992	1
cg08550441	EFEMP2		0.2420016		0.20275	2.70439	-1.69777	0.163366	4.24916	4.24916	0.0164282	1.61618	1.61618	0.565772	1.75868	1.75868	0.0541726	0.119411	-8.37444	0.326749	2.67674	2.67674	0.013217	1.11457	1.11457	0.114505	0.224269	-4.45893	0.871048	0.85386	-1.17115	1.66532	24.944	13.3142	1
cg22496380	CCDC127		0.2420202		0.974395	1.00512	1.00512	0.195618	0.804304	-1.24331	0.98317	0.996649	-1.00336	0.559884	0.910457	-1.09835	0.0631464	0.717084	-1.39454	0.420417	0.877237	-1.13994	0.499171	1.11534	1.11534	0.0227188	0.647967	-1.54329	0.876053	1.02515	1.02515	1.6653	0.667774	0.356438	1
cg13460980	CCDC104		0.2420213		0.880817	1.0216	1.0216	0.0488577	0.9472	-1.05596	0.964	0.963205	1.07111	1.07111	0.886221	1.07111	0.886221	0.977912	-1.02281	0.448025	1.80592	1.80592	0.0144513	0.554993	0.554993	0.0442239	-1.80178	0.957708	0.992474	-1.00758	1.66529	0.953282	0.28572	1
cg01225238	CPVL;CPVL		0.2420227		0.505388	0.648201	-1.54273	0.0110489	0.129423	-7.72658	0.322297	0.518972	-1.92689	0.645713	0.743071	-1.34577	0.384536	0.564415	-1.77175	0.34869	0.538521	-1.85694	0.169197	0.390701	-2.5595	0.150917	0.372512	-2.68448	0.801431	1.17546	1.17546	1.66528	10.8543	5.79381	1
cg19055986	DOCK1		0.2420237		0.0864091	0.309621	-3.22901	4.77051	0.804015	0.814805	-1.22729	0.927418	1.07806	1.07806	0.241037	0.36329	-2.75262	0.606953	0.65175	-1.53433	0.148221	0.278158	3.59808	0.0766691	0.197009	-5.0759	0.354228	0.455515	-2.19532	1.66527	13.9512	9.582	1
cg24283392	LRRC33		0.2420302		0.0697561	0.72568	-1.37802	0.0912784	1.34185	1.34185	0.479995	0.892686	-1.12022	0.697594	1.06368	1.06368	0.609331	1.0849	1.0849	1.0849

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cg07820213	DND1	0.2424303	0.0729305	1.9667	1.9667	1.460589	1.28919	1.28919	0.208468	1.56575	1.56575	0.646583	1.16895	1.16895	0.39144	1.34568	1.34568	0.925452	0.968851	-1.03215	0.0350216	2.29458	2.29458	0.0801758	1.92774	1.92774	0.126857	1.74773	1.66371	3.01256	1.60956	1
cg00107603	GATAD2A	0.2424434	?	?	?	0.495665	1.26795	1.26795	0.56761	1.21927	1.21927	0.039409	2.26531	2.26531	0.196908	1.59705	1.59705	0.36725	1.37415	1.37415	0.101537	1.85	1.85	0.692841	0.872636	-1.14595	0.0799388	1.94789	1.94789	1.66899	2.76682	1.65779	1
cg21483820	TTC26;ITIC26;TTC26	0.2424434	0.0112231	0.592264	-1.68844	0.891597	0.97777	-1.02274	0.852388	0.969756	-1.03119	0.618273	0.920513	-1.08635	0.6449551	1.0795	1.0795	0.8242001	1.03736	1.03736	0.681744	1.07035	1.07035	0.113487	0.752808	-1.32836	0.935271	1.01348	1.01348	0.6637	0.716233	0.382672	1
cg06163904	CMNR6	0.2424438	0.1241881	0.403816	-2.47637	0.23579	0.508283	-1.96741	0.532298	0.708551	-1.41133	0.744191	0.856507	-1.16521	0.8388333	0.359774	-2.77952	0.0977445	0.379753	-2.68865	0.0458817	0.285889	-3.49872	0.0768031	0.342315	-2.92096	0.335579	0.582254	-1.71746	1.66369	7.81604	4.17651	1
cg19343518	ARID1B;ARID1B;ARID1B	0.2424442	0.147463	0.214774	-4.65605	0.712213	0.692106	-1.44486	0.62767	1.62603	1.62603	0.390699	0.418794	-2.38781	0.093083	0.160679	-6.2236	0.17076	0.236103	-4.23544	0.049342	0.109407	-9.14018	0.0740867	0.139482	-7.16939	0.273157	0.323481	-3.09138	1.66367	25.8048	13.7874	1
cg20176648	AQP1	0.2424443	0.0313892	0.574451	-1.74079	0.406294	0.829819	-1.20508	0.459483	0.847579	-1.17984	0.077154	0.649508	-1.53963	0.6081697	0.638607	-1.56501	0.65252	0.905268	-1.10465	0.703814	0.9105549	-1.08749	0.165997	0.722989	-1.38315	0.1454	0.709427	-1.40959	0.16367	1.27042	0.678782	1
cg18107409	PPP2R5C;PPP2R5C	0.2424445	0.2606568	1.85544	1.85544	0.046353	1.32715	1.32715	0.233374	1.93127	1.93127	?	?	?	?	0.670442	1.25293	1.25293	0.0811032	2.76964	2.76964	?	?	?	?	0.49768	1.43715	1.43715	1.6822	4.92843	3.90633	1
cg10156477	SCAMP4	0.2424447	0.702076	1.33782	1.33782	0.096879	5.449221	5.449221	0.282048	2.63864	2.63864	0.747432	1.2772	1.2772	0.107436	2.063455	-3.78284	0.320652	0.36303	-2.7546	0.565155	0.641443	-1.55898	0.615536	1.46731	1.46731	0.50131	1.67671	1.67671	1.66865	15.1094	8.07295	1
cg02735075	EIF3H	0.2424525	0.389702	1.16017	1.16017	0.892774	0.977512	-1.02301	0.20654	1.25177	1.25177	0.064038	1.42018	1.42018	0.012409	1.15184	1.15184	0.484108	1.12733	1.12733	0.954758	1.00961	1.00961	0.198902	1.25704	1.25704	0.0188227	1.62303	1.62303	1.66364	0.748554	0.399955	1
cg17529235	C17orf51	0.2424528	0.0731013	0.291348	-3.43232	0.773283	0.836764	-1.19508	0.81824	1.1526	1.1526	0.117311	0.350087	-2.85643	0.0790471	0.300262	-3.33043	0.147834	0.383673	-2.60638	0.107596	0.338427	-2.95484	0.172345	0.408121	-2.45025	0.170145	0.406001	-2.46305	1.66361	10.0296	5.35896	1
cg20094529	GTPBP3;GTPBP3;GTPBP3	0.2424529	0.725219	1.09607	1.09607	0.717933	1.13235	1.13235	0.299801	1.23714	1.23714	0.0562719	1.53435	1.53435	0.0172466	1.82624	1.82624	0.3910358	0.840262	-1.19011	0.44069	0.857675	-1.16594	0.45484	1.16272	1.16272	0.0623162	1.51514	1.51514	1.66361	1.03389	0.552156	1
cg25274881	SPATS2;SPATS2	0.2424623	0.0926203	0.982805	-1.01675	0.313465	1.21576	1.21576	0.526823	1.12769	1.12769	0.395595	1.17708	1.17708	0.329337	1.32703	1.32703	0.5440046	0.891297	-1.12196	0.0140947	0.56675	-1.76444	0.979278	0.995145	-1.00488	0.831566	1.00402	1.00402	1.66359	0.925285	0.494398	1
cg01128060	GPR126;GPR126;GPR126;GPR126	0.2424661	0.950398	1.09755	1.02755	0.136471	0.496121	-1.01527	0.516067	0.74708	-1.33855	0.299842	1.60021	1.60021	0.9619	0.979351	-1.02108	0.508503	1.04901	1.04901	0.995952	1.46187	1.46187	0.0210569	3.3603	3.3603	0.8318891	0.912354	-1.09607	1.66358	5.02674	2.68591	1
cg12693595	STAT6	0.2424669	0.150066	1.33955	1.33955	0.0419075	0.4034	0.4034	0.347702	2.15049	2.15049	0.112044	3.6966	3.6966	0.9357	1.89365	1.8223322	1.89365	0.214623	2.8139	2.8139	0.0722508	4.89711	4.89711	0.469941	1.78988	1.78988	0.0878952	1.44428	1.44428	1.66357	16.5235	8.82897	1
cg21855759	USP43	0.2424679	0.49491	0.885465	-1.12935	0.632455	1.08282	1.08282	0.130321	1.33213	1.33213	0.360168	1.17953	1.17953	0.855996	1.0324	1.0324	0.0846957	1.39748	1.39748	0.0508602	0.6767671	-1.47761	0.965389	1.00764	1.00764	0.656175	1.08182	1.08182	1.66353	0.811662	0.433681	1
cg24192264	MBTPS2	0.2424748	0.195328	0.374365	-2.67119	0.0779502	0.47599	-2.07599	0.642002	1.37472	1.37472	0.139915	0.499705	0.6177312	-1.61749	0.6626854	-1.50844	0.962802	1.04202	1.03402	0.106805	0.2827383	-3.53628	0.574759	0.660876	-1.51178	0.718274	0.771135	1.29679	1.66353	13.5581	7.24664	1
cg10565256	CCDC14	0.2424844	0.38945	0.686204	-1.45729	0.0606526	0.405303	-2.46729	0.34289	0.658866	-1.51776	0.692722	1.18482	1.18482	0.553253	0.774068	-1.29188	0.140715	0.508342	-1.96718	0.120514	0.4872168	-2.05247	0.0332174	0.345457	-2.89472	0.898483	0.946959	-1.05601	1.66351	4.80348	2.56672	1
cg05925550	MIR575;SCD5;SCD5	0.2424845	0.0956551	0.456297	-2.19193	0.38959	1.46341	1.46341	0.290951	1.55857	1.55857	0.129186	2.03747	2.03747	0.268791	1.63727	1.63727	0.372951	1.47925	1.47925	0.145815	1.93184	1.93184	0.0204072	1.44544	1.44544	0.362021	1.67013	1.67013	1.66351	4.82779	2.57971	1
cg20930436	PHHA1;PHHA1;PHHA1;PHHA1	0.2424847	0.787511	0.978004	1.02246	0.327309	0.920124	-1.08034	0.748022	0.856852	-1.15497	0.0769292	1.28578	1.28578	0.164822	0.966586	-1.03535	0.452659	1.06501	1.06501	0.112707	0.8674498	-1.15274	0.642624	0.962283	-1.0392	0.360264	1.08051	1.08051	1.6635	0.785555	0.0954105	1
cg23047920	CALM1;CALM1 SLC29A1;SLC29A1;SLC29A1;SLC29A1;SL	0.2424849	0.707296	1.06385	1.06385	0.195734	1.25169	1.25169	0.238951	1.22428	1.22428	0.705003	0.939503	-1.06439	0.229512	0.813119	-1.22983	0.88201	1.02448	1.02448	0.0679041	0.714978	-1.39864	0.351036	0.854291	-1.17056	0.159174	1.28001	1.28001	1.66349	0.709253	0.378991	1
cg03338903	C29A1	0.24249	0.922357	1.03011	0.230912	0.309297	2.12662	2.16262	0.130779	1.64332	1.64332	0.823437	1.0704	1.0704	0.826268	1.06921	1.06921	0.0579393	1.9204	1.9204	0.58034	1.18531	1.18531	0.504861	0.813837	-1.22875	0.217215	1.48471	1.48471	1.66349	2.4415	1.30462	1
cg09378441	ANUK4IAA0895	0.2424901	0.8697713	1.03826	1.03826	0.170039	1.59454	1.59454	0.582429	0.825411	1.21152	0.0536519	1.32218	1.32218	0.904155	0.950232	-1.0525	0.979391	1.00807	1.00807	0.850357	0.6428258	-1.55608	0.0143123	1.37983	1.37983	0.782795	1.10019	1.10019	1.66348	0.94155	1.68073	1
cg24575624	UNC5A	0.2424942	0.0480039	0.579962	-1.72425	0.921634	1.024	1.024	0.167454	0.701419	-1.42568	0.869142	1.04054	1.04054	0.383871	0.806377	1.24011	0.147542	1.45431	1.45431	0.161943	1.43323	1.43323	0.846198	0.954273	-1.04792	0.909298	0.972906	-1.02785	1.66348	1.53044	0.817801	1
cg05249836	C22orf9;C22orf9	0.2424943	0.336155	0.633248	-1.57916	0.589108	1.2856	1.2856	0.05122	3.23225	3.23225	0.209335	0.545811	0.754547	-1.3253	0.6515331	0.360209	-2.77616	0.514881	1.35561	1.35561	0.667774	0.81961	-1.22009	0.151121	0.492257	-2.03146	0.737844	0.85662	-1.16738	1.66347	5.5919	2.98807	1
cg14262716	CSF1;CSF1;CSF1;CSF1	0.2424945	0.3484979	1.20883	1.20883	0.513283	0.855828	1.25888	0.0846	0.552327	1.08845	0.0208549	0.505537	1.98595	0.0039991	0.66007	-1.51496	0.4458366	1.20411	1.20411	0.39188	0.8607047	-1.16107	0.065576	0.0330168	1.78042	0.0265	0.780426	2.28335	0.65445	1.6636	0.856911	0.512695	1
cg10479053	PSMD3	0.2425021	0.2880291	1.1402	1.1402	0.0978712	1.24111	1.24111	0.276807	1.14402	1.14402	0.456503	0.913744	-1.0944	0.411983	0.905036	-1.10493	0.5096645	0.923152	-1.08281	0.167006	0.8392537	-1.19153	0.34239	1.20632	1.20632	0.464837	0.915317	-1.09252	1.66344	0.372759	0.19919	1
cg09655550	MIR575;SCD5;SCD5	0.2425111	0.655927	0.818099	-1.22235	0.334553	1.43141	1.43141	0.290951	1.55857	1.55857	0.129186	2.03821	2.03821	0.268791	1.63727	1.63727	0.372951	1.47925	1.47925	0.145815	1.93184	1.93184	0.0204072	1.44544	1.44544	0.362021	1.67018	1.67018	1.6634	5.28881	2.82196	1
cg23884217	APBB2;APBB2;APBB2	0.2425113	0.0574747	0.27278	-3.66596	0.0338935	0.223686	-4.47055	0.154951	0.938381	-2.51016	0.779975	0.844234	-1.18451	0.6646007	0.2285034	-3.50835	0.406961	1.58748	-1.05424	0.570949	0.7125598	1.40332	1.6634	0.63128	1.54678	1
cg26523670	HK1;HK1;HK1;HK1;HK1	0.2425116	0.5936613	0.755264	-1.32404	0.184495	2.08245	2.08245	0.327452	1.69353	1.69353	0.7285	0.8339911	-1.19914	0.504978	1.42269	1.42269	0.126803	0.422886	-2.3647	?	0.739531	1.18992	1.18992	0.0563206	0.324245	-3.08409	0.66866	6.37997	3.82341	1
cg24401870	KLHL14;KLHL14;ATN4B0S	0.24252	0.34036	1.4610184	1.4610184	0.0824247	1.26317	1.26317	0.184199	1.8607094	1.8607094	1.16184	1.2879645	1.2879645	0.1849199	1.8187467	1.8187467	0.212367	1.3556634	1.3556634	0.1946569	1.4660	1.4660	0.0228556	1.850048	1.850048	0.703853	1.35115	1.35115	1.6633	16.397	8.74246	1
cg03157698	GPAM	0.24252	0.554516	0.87364	-1.14464	0.136241	1.43773	1.43773	0.14373	0.7765871	0.298795	1.52606	1.526606	0.176223	0.7225587	-1.38392	0.252901	0.763498	-1.30976	0.860018	0.962561	-1.0389	0.613206	1.12208	1.12208	0.283796	0.777539	-1.28611	0.263204	0.7683801	-1.30157	1.66337	1.34515	0.718839	1
cg11645417	PACRG;PACRG;LOC285796;PACRG	0.2425221	0.92984	1.0748	1.0748	0.0720155	1.27255	1.27255	0.0512	1.62437	1.62437	0.488569	1.53809	1.53809	0.379133	0.655021	-1.52642	0.912921	1.0957	1.0957	0.642574	1.34216	1.34216	0.0576	1.53638	1.53638	0.123717	1.89442	1.89442	1.66336	1.54145	1.68073	1
cg26801613	LMO4	0.2425225	0.2293374	0.510098	-1.96041	0.0988097	0.627096	1.62706	0.431291	1.53518	1.53518	0.385709	1.60732	1.60732	0.0732048	0.344307	2.90439	0.87494	0.919382	-1.08769	0.168236	0.456748	-2.18939	0.938482	0.956945	-1.04205	0.521214	0.706814	-1.4148	1.66335	7.50247	4.00929	1
cg17278771	RFX5;RFX5	0.2425225	0.602353	1.12412	1.12412	0.674748	0.910139	-1.09849	0.503931	0.861568	-1.16067	0.489324	0.855281	-1.16921	0.669379	1.10033	1.10033	0.435743	0.837791	-1.19362	0.00724696	0.462501	-2.16216	0.571636	0.880535	-1.13567	0.800499	0.945199	-1.05798	1.66335	1.30508	0.697431	1
cg28623803	AGAP3	0.2425227	0.6163031	0.8	0.8	0.0	0.7947714	1.57374	0.0224269	0.747607	1.47107	0.0284449	0.705537	1.48635	0.0364487	0.8	0.8	0.179984	1.10501	1.10501	0.424146	0.6548837	-1.52784	0.464241	0.8438882	1.29184	1.29184	0.125632	1.732	1.732	1.66334	0.56311	0.322539	1
cg23818598	RTN4R	0.2425233	0.457265	1.14973	1.14973	0.55879	1.11513	1.11513	0.160665	1.31811	1.31811	0.660127	0.921676	-1.08498	0.305065	1.21623	1.21623	0.286458	1.22633	1.22633	0.0250436	1.63451	1.63451	0.43809	0.864345	-1.15695	0.358741	0.840348	-1.18998	1.66332	0.894026	0.478255	1
cg04163540	C7orf41	0.2425234	0.3163954	0.775672	-1.28959	0.0942	0.826563	1.20963	0.0863	0.826563	1.20963	0.0863	0.606075	-1.65025	-1.10979	0.853174	0.868294	0.6090	0.424145	0.869219	-1.15066	0.6102312	0.6090	-1.64109	0.0633	0.675528	-1.48009	0.10038	0.582556	1.09938	1.66331	0.76744	0.410111	1
cg17491449	RGS12;RGS12	0.2425244	0.101913	0.292423	-3.41971	0.0768202	0.258868	-3.86297	0.0763571	0.258198	-3.873	0.252501	0.440054	-2.27245	0.354391	0.510793	1.92384	0.270617	0.454883	-2.19837	0.059556	0.232158	-4.30742	0.472732	0.600584	-1.6513	0.0902558	0.277454	-3.6042	0.623468	12.4241	6.63969	1
cg01103840	AMN	0.2425247	0.0427392	12.4563	12.4563	0.534327	1.97493	1.97493	0.473297	2.20053	2.20053	0.439463	2.34579	2.34579	0.0846662	7.86265	7.86265	0.636936	1.67214	1.67214	0.397405	0.3917797	-2.55234	0.109188	0.61159	0.611659	0.1126161	0.647303	0.64703	1.66326	30.8022	16.4614	1
cg26397968	C2orf67;C2orf67	0.2425248	0.3123307	0.8	0.8	-1.23317	0.840571	1.31854	0.0158	1.31854	1.31854	0.0158	1.40404	1.40404	0.486075	1.8678482	1.8678482	0.1095529	0.8	0.8	0.0	0.6909202	0.8	0.8	0.0	0.8780222	0.8780222	0.0	0.8	0.8	1.66326	0.76744	0.4101111	1
cg02827442	ARMC5;ARMC5	0.2425248	0.854211	0.974253	-1.02643	0.369716	1.13955	1.13955	0.13967	1.26759	1.25759	0.5543	1.08826	1.08826	0.356361	1.144	1.144	0.296221	0.857619	-1.16602	0.956771	0.7398805	-1.35171	0.161416	0.808904	-1.23624	0.852479	0.973947	-1.02675	1.66326	0.529745	0.283109	1
cg07717201	NFIC;NFIC	0.2425251	0.5224001	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.8	0.8	0.8	0.0	0.8	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	1.66326	0.76744	0.4101111	1
cg05700142	TAPBP;TAPBP;TAPBP	0.2425254	0.414447	0.791043	-1.26415	0.530316	0.836427	-1.19556	0.666448	1.12958	1.12958	0.0248361	0.472131	-2.11806	0.0967542	0.599135	-1.66907	0.911223	1.03183	1.03183	0.250872	0.7138833	-1.40089	0.10119	0.603914	-1.65586	0.879561	1.04487	1.04487	1.66324	2.07969	1.11145	1
cg00455738	ES01	0.2425255	0.0664869	0.23913	0.23913	0.545493	0.517421	1.11421	0.0144	1.11421	1.11421	0.0144	1.49062	1.49062	0.466202	0.5115531	-1.95474	0.169904	0.28815	0.28815	0.0124267	0.2303	0.2303	-4.34142	0.0124267	0.2303	-4.34142	0.048159	0.442833	0.2303	1.66324	21.7231	11.3485	1
cg00707881	KIAA1737	0.2425257	0.827664	0.907855	1.01	0.25074	1.80487	1.80487	0.275277	1.65411	1.65411	0.0904076	2.22962	2.22962	0.134203	0.460524	2.1738	0.229478	1.74912	1.74912	0.0981774	2.23513	2.23513	0.733925	1.16332	1.16332	0.962658	0.979455	1.02098	1.66323	1.73883	2.76776	1
cg13554018	SPIN1	0.24256	0.886851	0.938263	-1.0658	0.050213	2.7161	2.7161	0.319332	1.58505	1.58505	0.699331	1.18971	1.18971	0.0798648	0.418992	2.38668	0.70938	0.845724	-1.18242	0.899138	0.9448231	-1.0584	0.164025	1.94384	1.94384	0.131672	1.56561	1.56561	1.66321	5.27805	2.82027	1
cg19576843	CNOT9	0.24257	0.462078	0.84644	-1.18146	0.0810737	0.976824	-1.02408	0.882247	0.923359	-1.08318	0.0998	1.33108	1.33108	0.783738	0.8010703	1.24803	0.7964	0.754298	-1.3254	0.934599	0.936178	1.06811	0.5443	0.611152	-1.63632	0.0800258	1.22561	1.22561	1.66321	1.36358	0.80651	1
cg18375421	CSorf52	0.24257	0.569031	0.769831	-1.29899	0.38079	1.49261	1.49261	0.442449	0.700523	-1.4275	0.765673	0.878292	1.1455	0.654481	0.814864	-1.2272	0.573361	0.773198	-1.29333	0.735479	0.857176	-1.16662	0.562572	1.30482	1.30482	0.314655	1.4218	1.4218	1.6632	5.44093	2.90789	1
cg25462140	RMND5A	0.2425273	?	?	?	0.0808449	2.95992	2.95992	0.193283	0.952956	-1.04937	?	?	?	?	0.483248	1.50506	1.50506	0.498583	0.67423	-1.48317	0.154425	0.415023	-2.4095	0.0478708	0.5316	-1.88	0.114403	2.6785	2.6785	1.66356	6.79119	4.04867	1
cg12502246	EBF3	0.2425281	0.69083	1.23761	1.23761	0.8605801	1.09834	1.09834	0.180738	0.668675	-1.51367	0.39248	1.59543	1.59543	0.2997	1.77378	1.77378	0.152156	1.74507	1.74507	0.0397485	1.55311	1.55311	0.25684	1.87963	1.87963	0.0862559	2.74747	2.74747	1.66314	7.48898	4.00307	1
cg14475947	RPH3AL	0.2425281	0.3590667	-1.00661	-1.12276	0.645133	0.947321	-1.05561	0.0335394	0.748419	-1.33615	0.143126	0.832235	-1.20158	0.193162	0.830567	-1.204	0.936821	1.00929	1.00929	0.30854	1.13088	1.13088	0.18003	0.8497766	-1.1768	0.292361	0.8803004	-1.13597	1.66313	0.3587223	0.191725	1
cg12661343	WDR82	0.2425283	0.4043866	-1.09121	1.06063	0.0616465	1.24686	1.24686	0.247868	1.24068	1.24068	0.0108	1.31258	1.31258	0.0606	1.14413	1.14413	0.2658	1.08038	1.08038	0.491461	1.079074	1.079074	-1.02137	0.0193856	1.50033	1.50033	0.0522898	1.45767	1.45767	1.66312	0.97762	0.410345	1
cg00943083	ARSB;ARSB	0.2425292	0.61322	0.841452	-1.18842	0.359555	0.726749	-1.37599	0.143105	0.586862	-1.70398	0.108812	0.553049	-1.80816	0.0824373	0.521262	-1.91842	0.0266541	0.410824	-2.43413	0.676932	0.8677701	-1.15247	0.629406	1.17901	1.17901	0.612399	0.84111	-1.18891	1.66309	3.02106	1.6147	1
cg12488159	FDPS;FDPS;FDPS;FDPS	0.2425293	0.0827219	0.605092	-1.65192	0.437422	0.1798855	0.764183	-1.30859	0.911303	0.979295	-1.02114	0.431864	1.16355	1.16355	0.650939	0.919562	-1.08747	0.3579991	1.19542	1.19542	0.275629	0.807222	-1.23882	0.137988	1.16331	1.16331	0.149879	1.33845	1.33845	1.66308	0.939183	0.501978	1
cg10465469	HNRNPB3	0.2425298	0.100641	0.361329	-2.76756	0.114021	0.646443	2.64643	0.380173	1.66459	1.66459	0.292561	1.85544	1.85544	0.115929	0.380131	-2.63067	0.854313	0.901182	1.10965	0.70803	0.808188	-1.23734	0.262978	0.93599	1.93599	0.863606	0.909027	-1.10008	1.66307	1.40001	4.51108	1
cg11984989	WDR60	0.2425298	0.473624	0.834525	-1.19829	0.278427	1.32277	1.32277	0.353332	1.26748	1.26748	0.461524	0.830229	-1.20449	0.051902	1.73151	1.73151	0.201784	0.71566	-1.39731	0.176059	1.42909	1.42909	0.467302	1.20151	1.20151	0.267487	1.33204	1.33204	1.66307	1.6226	0.867259	1
cg04005913	GPSM1;GPSM1	0.2425426	0.5522661	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.8	0.8	0.8	0.0	0.8	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	1.66306	0.76744	0.4101111	1
cg14000815	CALHM1;CALHM2;CALHM2	0.2426014	0.771004	1.09774	1.09774	0.129914	0.592897	-1.68664	0.0501809	0.489948	-2.04103	0.544305	0.82194	-1.21663	0.186763	0.639431	-1.56389	0.470184	0.790764	-1.2646	0.202076	0.53785	1.53785	0.226858	0.666696	-1.49993	0.546095	1.21555	1.21555	1.66304	2.6892	1.43736	1
cg15535092	SNAP23;SNAP23	0.2426021	0.8313624	1.03413	1.03413	0.169455	1.27492	1.27492	0.312	1.13529	1.13529	0.254515	1.26415	1.26415	0.885146	1.0231	1.0231	0.6017372	1.09023	1.09023	0.0870449	0.6004442	-1.66544	0.0302077	0.606809	1.16089	0.164774	1.42417	1.42417	1.66303	0.8009077	0.454269	1
cg00000884	TUB2	0.2426021	0.980032	1.0069	1.0069	0.308793	1.33564	1.33564	0.925264	0.974551	-1.02611	0.569025	1.17133	1.17133	0.043806	0.5290557	1.89016	0.2044115	0.692147	-1.44478	0.127441	1.57282	1.57282	0.312977	0.7507	-1.33209	0.484628	1.822726	1.21547	1.66298	1.98827	1.06276	1
cg11992958	KIRREL3;KIRREL3	0.2426324	0.174963	0.471293	-2.12182	0.2074084	3.89865	3.89865	0.420224	1.53637	1.53637	0.326758	0.589816	-1.69544	0.245807	0.5310111	1.8832	0.881711	1.08074	1.08074	0.475529	0.6849485	-1.45989	0.794112	0.8725508	-1.14612	0.888895	1.07561	1.07561	1.66297	7.16183	3.82814	1
cg16954455	ARX	0.2426331	0.35013	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	0.8	0.8	0.8	0.0	0.8	0.8	0.8	0.0	0.8	0.8	0.0	0.8	0.8	1.66296	0.76744	0.4101111	1
cg09438605	ARNT2	0.2426324	0.320795	0.834464	-1.19837	0.199885	1.26986	1.26986	0.63617	1.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg00022481	WSCD2	0.242884	0.547904	0.682645	-1.46489	0.01546026	0.60765	0.60765	0.633523	1.35566	1.35566	0.904136	0.927142	-1.07858	0.300573	1.50992	-1.06109	0.625511	1.36182	1.36182	0.285475	1.36182	0.628524	1.35688	1.35688	1.66193	10.3761	5.54969	1
cg02724374	SGK3;PTTG3P	0.242884	0.209957	1.42991	1.42991	0.191324	0.687668	-1.45419	0.22123	1.41629	0.316473	1.30766	1.30766	0.935738	0.97841	1.02207		0.432857	1.24189	1.24189	0.278598	1.35652	1.36552	0.929785	1.02414	1.02414	0.056804	0.557938	-1.79231	1.66193	1.92828	1.03135	1
cg13400821	EPC2	0.242896	0.61912	0.854348	-1.17048	0.4513155	0.785802	-1.27259	0.869669	0.949725	-1.05294	0.130583	1.67006	1.67006	0.525452	0.816999	-1.22399		0.0903262	1.7973	1.7973	0.123857	0.592446	-1.68792	0.812379	0.928028	-1.07755	0.132962	0.600964	-1.66399	1.66192	2.59724	1.38915	1
cg02988316	KANK1	0.242908	0.974102	1.00746	1.00746	0.0328113	0.564611	-1.77113	0.511778	0.858702	-1.16455	0.477271	1.1799	1.1799	0.559812	0.873737	-1.14453		0.372443	0.810887	-1.23351	0.520747	1.1607	1.1607	0.0751733	1.57396	1.57396	0.878499	0.965585	-1.03564	1.66187	1.37941	0.73781	1
cg08911638	UNC93A;UNC93A	0.24292	0.353961	0.537194	-1.86153	0.743503	0.807392	-1.23856	0.824461	0.865201	-1.1558	0.990758	0.992482	-1.00758	0.078441	1.108272	-9.23598		0.782369	0.834914	-1.19773	0.596512	1.41643	1.41643	0.237601	0.446585	-2.23922	0.509428	0.646578	-1.5466	1.66183	11.1742	5.97603	1
cg14630746	CLN6	0.24292	0.0709215	0.493681	-2.0256	0.0756783	0.500726	-1.9971	0.686683	0.807745	-1.15241	0.0420298	0.4409597	-2.26053	0.125325	0.5559032	-1.7867		0.650373	0.852462	-1.17307	0.193096	0.617653	-1.61903	0.174435	0.602278	-1.65761	0.332353	0.704793	-1.41886	1.66183	3.22111	1.72293	1
cg16010261	LDB3;LDB3;LDB3;LDB3;LDB3;LDB3	0.242921	0.462636	1.11379	1.11379	0.339998	1.15227	1.15227	0.765331	0.957773	-1.04409	0.0390805	0.708787	-1.41086	0.937504	0.988761	-1.01137		0.910324	1.01637	1.01637	0.061947	1.35386	1.35386	0.358336	0.872721	-1.14584	0.968363	1.00573	1.00573	1.66182	0.546757	0.292454	1
cg02634479	NTHL1;TSC2;TSC2;TSC2	0.242922	0.411614	1.3813	1.3813	0.163845	1.71916	1.79116	0.954217	2.37369	2.37369	?	?	?	?	?	?		0.181217	0.574799	-1.73974	0.60873	1.21856	1.21856	0.944103	1.02713	1.02713	0.548255	0.792254	-1.26222	1.81305	3.0988	1.465	1
cg23388714	MBD2;MBD2;MBD2;MBD2	0.242923	0.0776518	2.12373	2.12373	0.702019	0.858406	-1.16542	0.861547	1.07167	1.07167	0.0530961	0.411913	-2.38599	?	?	?		0.222249	1.66124	1.66124	0.436098	0.730551	-1.36881	0.801882	0.905308	-1.1046	0.776079	1.11945	1.11945	1.66705	3.67439	2.20412	1
cg19743270	GYG2;GYG2	0.242923	0.10293	0.469525	-2.12981	0.118092	0.487195	-2.05256	0.368134	0.675886	-1.47954	0.491943	1.34417	1.34417	0.0530329	0.393908	-2.53867		0.362985	0.672877	-1.48616	0.207749	0.569555	-1.75576	0.103934	0.470747	-2.12428	0.929717	1.03809	1.03809	1.66181	4.72628	2.52804	1
cg13928280	PLCH2	0.242925	0.344531	1.37159	1.37159	0.300595	1.96507	1.96507	0.170331	0.44138	0.44138	0.0541453	0.172852	0.0428768	0.0237134	0.31024	-3.22435		0.354763	1.379864	1.379864	0.263252	0.738501	1.802095	2.77551	0.376838	0.977705	-2.51443	0.122329	0.18223	-5.48757	1.66181	2.85883	1.54536	1
cg25635916	SEMA3B;SEMA3B	0.242928	0.247701	0.563857	-1.7735	0.175589	0.505193	-1.97944	0.16236	0.49303	-2.02828	0.364661	2.13958	2.13958	0.153758	0.484804	-2.06269		0.452417	0.695646	-1.43751	0.35884	1.56409	1.56409	0.183869	0.512537	-1.95108	0.915891	1.05136	1.05136	1.66168	5.91545	3.16415	1
cg13802506	NIN11	0.242932	0.490381	2.11313	2.11313	0.4504091	11.9771	11.9771	0.0626964	1.79546	1.79546	0.0147313	0.0512584	13.7154	13.7154	0.90458	-1.23823		0.988063	0.886707	-1.12758	0.410628	0.457054	1.26531	1.26531	0.227467	0.92707	0.924981	1.70212	1.70212	1.66178	10.6787	16.4101	1
cg25522355	DSG1	0.242933	0.365644	0.641913	-1.55784	0.61308	1.27532	1.27532	0.244682	1.78679	1.78679	0.182194	1.5333	1.5333	0.0712586	0.38255	-2.61404		0.97935	0.987732	-1.01242	0.0604846	0.364376	-2.74442	0.57936	0.926538	-1.3061	0.427997	1.471	1.471	1.66178	5.98652	3.20221	1
cg09616959	POPDC3	0.242935	0.194538	0.654527	-1.52782	0.309559	0.722694	-1.38371	0.113352	0.587348	-1.70257	0.567585	0.836573	-1.19535	0.358892	0.747244	-1.33825		0.476924	0.799829	-1.25027	0.0407559	0.482151	-2.07404	0.0321966	0.460795	-2.17016	0.931922	1.02674	1.02674	1.66177	2.51043	1.34284	1
cg04130316	PODXL;PODXL	0.242941	0.6958167	1.13857	1.13857	0.141687	1.68564	1.68564	0.850075	0.970511	-1.03095	0.644492	0.7180904	1.63232	1.63232	0.0606886	0.444027	-2.25212	0.255172	1.48529	1.48529	0.178289	0.878285	-1.13858	0.402455	1.33022	1.33022	0.218789	0.650445	1.53835	1.66174	2.98859	1.56119	1
cg22288195	APOM	0.242941	0.0914086	0.697002	-1.43472	0.174918	0.323335	1.32335	0.681755	1.08336	1.08336	0.854533	0.96499	-1.03628	0.712652	1.07447	1.07447		0.0766129	1.46587	1.46587	0.173075	1.32514	1.32514	0.966538	0.991887	-1.00818	0.304547	0.813451	-1.22933	1.66174	0.992366	0.53083	1
cg14668802	BAK1;BAK1	0.242943	0.144822	0.825247	-1.21117	0.259363	0.958063	-1.04377	0.15397	0.828569	-1.2053	0.303688	0.877803	-1.13921	0.376881	1.11732	1.11732		0.0319901	0.735347	-1.3599	0.670707	1.05372	1.05372	0.58448	0.93467	-1.0699	0.436982	1.10187	1.10187	1.66174	0.393924	0.210716	1
cg22278782	TANC1;TANC1	0.242944	0.897761	0.94943	-1.05326	0.757407	1.15314	1.15314	0.0385446	1.66864	1.66864	0.850075	0.970511	-1.03095	0.644492	0.7180904	1.63232		0.713126	1.16069	1.16069	0.0725022	0.645315	-2.2456	0.226566	1.66954	1.66954	0.637227	1.1798	1.1798	1.66173	4.28488	2.29419	1
cg24232030	MLLT1	0.242947	0.596103	1.23434	1.23434	0.0839093	2.12291	2.12291	0.0239735	2.88639	2.88639	0.61841	1.21853	1.21853	0.680603	0.849667	-1.17693		0.284507	1.54895	1.54895	0.0715164	2.20802	2.20802	0.646753	1.19915	1.19915	0.840475	1.08255	1.08255	1.66172	4.07696	2.18084	1
cg07731500	SLC16A3;SLC16A3;SLC16A3	0.242947	0.115586	0.493022	-2.02766	0.0726113	0.456118	-2.19264	0.0515349	0.446918	-2.23755	0.641423	1.27762	1.27762	0.0991542	0.753631	-1.32694		0.0555404	0.32328	-3.09351	0.0479739	0.516457	-1.93629	-2.90125	0.184773	0.479627	-2.08495	0.66172	7.18122	3.84138	1
cg25945676	SLC22A7	0.242947	0.121152	0.224913	-4.44615	0.184952	0.287025	-3.48401	0.0752427	0.172294	-5.80404	0.682733	0.694301	-1.4403	0.0674801	0.162215	-6.16467		0.206852	0.306701	-3.2605	0.156851	0.260721	-3.83553	0.0545324	0.144216	-6.93404	0.490624	0.537078	-1.86193	1.66172	20.7433	11.096	1
cg00807472	HDGF;HDGF;HDGF	0.242949	0.485358	0.776886	-1.28779	0.6247946	0.647196	-1.54473	0.128264	0.707387	-1.41313	0.838294	1.19258	1.19258	0.0972687	0.822808	-1.21569		0.308659	0.303706	-3.29266	0.0429525	0.70387	-1.42107	0.0798568	0.943441	-1.06047	0.147994	0.754425	-1.32564	0.477934	0.757425	-1.32017	1.17863	1
cg20263096	RAB2B;RAB2B;TOX4;RAB2B	0.242955	0.100909	1.64149	1.64149	0.320585	1.32724	1.32724	0.103004	1.63563	1.63563	0.288297	1.3554	1.3554	0.109065	1.61938	1.61938		0.109141	1.61918	1.61918	0.899629	1.03542	1.03542	0.348734	0.766352	-1.30488	0.584369	0.858661	-1.1646	1.66169	2.00264	1.07127	1
cg02712949	CPNE1	0.242959	0.688129	0.828634	-1.20681	0.0951844	0.42565	-2.34935	0.0452764	0.343029	-2.9152	0.38856	1.50934	1.50934	0.347547	0.637254	-1.56263	0.800797	1.07285	0.697221	1.19979	1.19979	0.197968	1.18493	1.18493	1.66168	5.7116	3.05533	1
cg16932560	SNORA38;BAT2	0.242959	0.383193	1.44119	1.44119	0.708919	0.857692	-1.16592	0.0422198	0.268635	2.60635	0.268635	0.3684344	2.71455	1.46961	0.459261	-2.17705		0.207058	1.31316	1.31316	0.0927893	1.46037	1.46037	0.749348	1.06784	1.06784	0.690424	0.9213	-1.08542	1.66167	1.40922	0.35919	1
cg21489382	PIGH	0.242961	0.846956	1.04036	1.04036	0.25382	0.78349	-1.27634	0.608773	1.11149	1.11149	0.0494488	1.58256	1.58256	0.286901	0.797382	-1.2541		0.207059	1.31316	1.31316	0.0927893	1.46037	1.46037	0.749348	1.06784	1.06784	0.690424	0.9213	-1.08542	1.66167	1.10331	0.590201	1
cg20276063	UPF3A;USP24	0.242963	0.888368	0.977277	-1.02325	0.721313	0.765707	1.30605	0.0462377	1.19836	1.19836	0.150822	1.28671	1.28671	0.184567	1.11732	1.11732		0.3194631	1.18301	1.18301	0.0540007	0.69507	-1.4387	0.804603	0.978971	-1.02148	0.534415	0.9001	-1.11098	1.66163	0.702288	0.375662	1
cg09258804	TBX4	0.242975	0.06896	1.38582	4.38582	0.817785	0.548554	-1.18251	0.219442	0.391385	-2.55503	0.677611	0.7380932	-1.35485	0.0603053	0.465994	-2.65994		0.37405	0.515402	-1.94023	0.98534	1.01344	1.01344	0.368148	0.490953	-2.03685	0.544733	1.56095	1.56095	1.66161	13.8862	7.42848	1
cg07878721	SOHCS2	0.242977	0.693937	1.28864	1.28864	0.274105	2.07442	2.07442	0.108487	0.325431	-3.07284	0.364835	0.550439	-1.81673	0.70251	1.27897	1.27897		0.459761	1.62028	1.62028	0.0362705	0.209932	-4.76344	0.750803	1.22665	1.22665	0.316187	0.514556	-1.94342	1.66161	10.8191	5.78774	1
cg14007773	DCUN1D2	0.242977	0.375652	1.28155	1.28155	0.257211	0.765707	1.30605	0.0462377	1.19836	1.19836	0.150822	1.28671	1.28671	0.184567	1.11732	1.11732		0.249186	0.523107	1.91155	0.5018	1.35154	1.35154	0.112216	0.75404	1.32633	0.37074	0.40997	1.57114	1.57114	1.72216	7.62404	3.44325	1
cg24655701	LOC139959;miR100	0.242978	0.190056	0.757812	-1.31959	0.656775	0.09348	1.09348	0.609508	0.902184	-1.10842	0.143008	0.730123	-1.36963	0.144028	1.36838	1.36838		0.694264	0.924097	-1.08214	0.301706	0.807505	-1.23838	0.38061	0.835517	-1.19686	0.0451294	0.631712	-1.583	1.6616	0.07053	0.562097	1
cg06071701	FLI1;LEF1;EPB41L4A	0.242979	0.0776482	1.44119	1.44119	0.708919	0.857692	-1.16592	0.0422198	0.268635	2.60635	0.268635	0.3684344	2.71455	1.46961	0.459261	-2.17705		0.578609	1.31316	1.31316	0.0927893	1.46037	1.46037	0.749348	1.06784	1.06784	0.690424	0.9213	-1.08542	1.66167	0.689789	0.335802	1
cg05692585	SPATA3	0.24298	0.60386	0.878387	-1.13845	0.0483026	1.74889	1.74889	0.223167	1.3731	1.3731	0.228666	0.731274	-1.36748	0.134577	0.670556	1.4913		0.907294	1.02928	1.02928	0.40188	1.2368	1.2368	0.863147	1.04366	1.04366	0.345595	1.27205	1.27205	1.6616	1.61488	0.8639	1
cg03530793	LPIN3	0.24299	0.380463	0.771253	-1.29659	0.0167792	2.32258	2.32258	0.643788	1.1439	1.1439	0.685786	1.1246	1.1246	0.73593	0.908897	-1.10266		0.129334	1.60505	1.60505	0.75447	1.01943	1.01943	-1.09481	0.580993	1.17463	1.17463	0.487901	0.8159	-1.22564	1.66156	2.19357	1.1735	1
cg24043604	CHRM2;CHRM2;CHRM2;

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5 vs. N)	p-value(5637 vs. N)	Fold-Change(563 vs. N)	Fold-Change(7 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17103702	MIR9;SLIT3;MIR9;SLIT3	0.243343	0.339848	1.47834	0.147834	0.2724065	0.616174	-1.5719	0.4436731	0.725577	-1.37006	0.8423995	0.108232	1.08232	0.419265	0.720392	-1.38813	0.292264	1.54377	1.54377	0.0320431	0.371106	-2.69465	0.237981	1.6343	1.6343	0.6790757	1.17979	1.6602	4.15237	2.22323	1
cg18286127	C10orf84;C10orf84	0.243348	0.218785	1.66888	1.66888	0.367892	1.4423	1.4423	0.290729	1.54366	1.54366	0.849604	1.07807	1.07807	0.104742	0.662259	-1.50998	0.540481	1.27809	1.27809	0.0678972	1.24726	2.24726	0.0314223	2.64693	2.64693	0.244845	1.61885	1.61885	1.60018	4.12266	2.20735	1
cg24082276	GRM4 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.243353	0.531289	0.737873	-1.35525	0.0398845	3.12267	3.12267	0.141203	2.13509	2.13509	0.845848	0.910915	-1.0978	0.342073	0.625473	-1.59879	0.515143	1.37213	1.37213	0.604682	0.778538	-1.28446	0.620219	1.27056	1.27056	0.162508	0.489309	-2.0437	1.60616	6.04175	3.2349	1
cg24028627	PRKAR1B;PRKAR1B	0.243353	0.72322	0.868085	-1.15196	0.545971	1.2572	1.2572	0.162799	0.55282	-1.80891	0.86381	1.07068	1.07068	0.479683	1.33073	1.33073	0.259293	0.626141	-1.59708	0.263088	1.58946	1.58946	0.0265116	2.84712	2.84712	0.803752	1.10412	1.10412	1.60616	4.16126	2.22804	1
cg28059434	NDUFA4L2	0.243354	0.11729	1.69884	1.69884	0.126793	1.67081	1.67081	0.230144	1.47891	1.47891	0.678353	1.13839	1.13839	0.645328	1.15494	1.15494	0.039332	2.09803	2.09803	0.924986	1.02975	1.02975	0.316157	2.724621	-1.38003	0.508566	1.81848	1.23176	1.60616	4.23596	2.53996	1
cg29149775	PTGER4	0.243354	0.133699	1.5197	1.5197	0.134333	1.51851	1.51851	0.824435	1.05917	1.05917	0.162003	1.47126	1.47126	0.176886	0.680768	-1.44976	0.75505	0.922215	-1.08435	0.203426	1.41531	1.41531	0.145058	1.49917	1.49917	0.536474	0.850476	-1.17581	1.60616	1.76022	0.942468	1
cg29542806	SAMD12;SAMD12	0.243363	0.8606632	1.050226	1.050226	0.040959	1.49203	1.49203	0.12453	0.9505981	0.9505981	-1.99836	0.944171	0.974244	-1.04928	0.753199	1.11346	1.11346	1.11346	0.535166	1.21604	1.21604	0.1924498	0.535666	1.50666	1.50666	0.760927	1.09971	1.09971	1.60012	2.55049	1.58563	1
cg29631440	MCF2L;MCF2L	0.243363	0.252557	0.3331107	1.00204	0.270378	0.347982	-2.87371	0.763148	1.32048	1.32048	0.388817	0.443809	-2.25322	0.477799	0.161133	-6.20606	0.113983	0.205648	-4.86268	0.0478802	0.124857	-8.00919	0.077636	0.16464	-6.07384	0.362701	0.422944	-2.36438	1.60612	22.2452	11.9109	1
cg29851362	FRDI1	0.243363	0.183448	0.540515	-1.85009	0.6611482	0.3986	-2.50878	0.158775	0.518609	-1.92823	0.157601	0.517557	-1.93231	0.158488	0.518342	-1.92923	0.196955	0.551763	-1.81237	0.0931327	0.446993	-2.23717	0.567478	1.28651	1.28651	0.207085	0.559906	-1.78601	1.60612	4.99624	2.67517	1
cg29739586	ELAC1	0.243363	0.617685	1.11781	1.11781	0.4284213	0.591782	-1.88047	0.626543	1.11468	1.11468	0.992291	1.00014	1.00014	0.40974	0.925741	-1.25602	0.230769	0.705757	1.41691	0.191662	0.59801	1.67241	0.0482422	0.59801	1.67241	0.0482422	0.598017	1.67241	0.0482422	1.28867	0.6900001	1
cg30773588	GGPS1;EGFR;EGFR;EGFR	0.243365	0.34196	1.45236	1.45236	0.517264	0.778619	-1.28433	0.545635	1.26251	1.26251	0.106705	1.95677	1.95677	0.168373	0.571523	-1.74971	0.132239	1.8574	1.8574	0.0680663	2.1788	2.1788	0.454649	1.33678	1.33678	0.993747	1.002099	1.002099	1.60011	3.8193	2.045	1
cg30422022	LOX	0.243365	0.730209	0.912743	-1.0956	0.760994	0.923609	-1.08319	0.455992	0.818533	-1.2217	0.596954	0.86871	-1.15153	0.837636	1.19451	1.19451	0.0282083	1.98066	1.98066	0.274078	0.746097	-1.35008	0.0978496	0.608211	-1.64417	0.5402	0.849091	-1.17773	1.60011	5.38392	0.979278	1
cg30140472	CRISPLD1;CRISPLD1	0.243366	0.225403	0.8052261	-1.24173	0.0378978	1.31473	1.31473	0.263583	1.14165	1.14165	0.759401	1.03554	1.03554	0.486458	0.922765	-1.0837	0.2875	1.13375	1.13375	0.4423615	0.911287	-1.09735	0.946414	1.00767	1.00767	0.169713	1.18088	1.18088	1.60011	6.33972	0.181903	1
cg31628310	RG9MTD1	0.243368	0.747716	0.951632	-1.05083	0.4251	1.13329	1.13329	0.122103	0.656319	-1.52365	0.654062	0.933053	-1.07175	0.12944	0.777498	-1.28618	0.841747	1.03119	1.03119	0.236696	1.2098	1.2098	0.94747	0.989929	-1.01017	0.637125	1.07572	1.07572	1.6601	6.620474	0.332228	1
cg32415032	TPOS1;TPOS2	0.243369	0.858023	0.925814	-1.08008	7	?	?	?	?	?	?	?	?	?	?	?	0.213172	1.75771	1.75771	0.176159	0.538636	-1.85654	0.231

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 N)	Fold-Change(105 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg02116639	ZNF154B	0.243735	0.502428	1.388266	2.57556	0.867517	1.25349	1.25349	7	7	0.310561	4.54833	0.496959	2.60985	2.60985	0.301075	4.71699	4.71699	0.321192	4.37229	0.105998	0.0578782	-17.2777	0.108735	0.0599058	16.69209	2.49398	51.4548	7.73684	1
cg02276920	DEFA5	0.243738	0.943334	1.0879	1.0879	0.158574	0.167592	5.96689	0.295685	0.276582	-3.61556	0.727748	0.660856	-1.51319	0.28009	0.264271	-3.784		0.0121649	0.246331	-40.5957	0.237076	0.230355	-4.34312	0.806337	0.74743	-1.33792	0.182624	0.187066	-5.3457	1.65868	36.9024	19.776	1
cg00438222	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.243738	0.299319	0.767052	-1.30369	0.358918	1.26184	1.26184	0.34533	1.27077	1.27077	0.312871	0.773087	-1.29352	0.53721	0.857239	-1.16654		0.742662	0.921983	-1.08462	0.0186359	2.02011	2.02011	0.68904	1.10425	1.10425	0.950022	1.01557	1.01557	1.65868	1.59676	0.855705	1
cg21460582	CSPG4	0.243738	0.340998	0.586842	-1.70404	0.139002	0.421199	-2.36972	0.111756	0.390100	-2.56207	0.844647	0.898014	-1.11245	0.624128	1.3077	1.3077		0.510961	0.696161	-1.43645	0.589937	0.744129	-1.34385	0.0183372	0.211232	-4.73413	0.194964	0.474895	-2.10573	1.65868	7.75129	4.15302	1
cg26992634	UBTD2	0.243743	0.126137	0.165072	-6.05796	0.323576	0.318615	-3.13858	0.780773	0.9099	-1.34955	0.388745	0.371225	-2.69378	0.103802	0.133944	-7.35595		0.218525	0.234123	-4.27125	0.0238312	0.0485314	-20.6052	0.0887833	0.122729	-8.21494	0.280622	0.284187	-3.51881	1.65868	33.0612	17.7177	1
cg14250740	NAALADL2	0.243747	0.927954	1.06119	1.06119	0.282654	0.480383	-2.08167	0.091095	0.294569	-3.39479	0.838062	0.874246	-1.14384	0.255031	0.458202	-2.18244		0.273517	0.473136	-2.11356	0.168913	0.381889	-2.61856	0.0714845	3.75044	3.75044	0.749972	1.23364	1.23364	1.65864	11.3301	6.07192	1
cg18278694	CEP350	0.243748	0.927631	1.08417	1.05717	0.0578899	0.2676	-3.73274	0.383407	0.582241	-1.77149	0.530387	1.47147	1.47147	0.144661	0.737262	-2.68437		0.893094	1.08175	1.08175	0.597987	0.72211	-1.38483	0.0809861	3.26868	3.26868	0.401956	0.591643	1.65902	1.65864	9.83425	5.27031	1
cg13241077	FAM134B	0.243735	0.996215	1.00044	1.00044	0.0531683	0.814169	-1.22825	0.0390371	0.799681	-1.2505	0.0741241	0.830075	-1.20471	0.380551	0.919274	-1.08782		0.656821	0.959017	-1.04273	0.615601	0.95373	-1.04851	0.958995	1.09168	1.09168	0.552839	1.05239	1.05239	1.65864	0.2304044	0.123284	1
cg13997647	FLJ45244;DICER1	0.243751	0.230948	0.831494	-1.20265	0.252811	0.839123	-1.19172	0.486534	0.901385	-1.1094	0.150446	0.797448	-1.254	0.0692104	0.741915	-1.34786		0.319077	1.16324	1.16324	0.0600105	0.732299	-1.36556	0.797613	1.03846	1.03846	0.309385	0.856862	-1.16705	1.65863	0.5564472	0.303582	1
cg24893073	KDM6B	0.243755	0.045264	0.490595	-2.03896	0.883934	1.06464	1.06464	0.164548	0.167468	1.70425	1.70425	0.251401	0.647802	-1.54382	0.0673641	0.475826	-2.10157	0.734906	0.884166	-1.13101	0.315165	0.529632	0.709963	-1.40635	0.0729032	0.882169	-1.13357	1.65862	3.44851	1.84813	1
cg13249350	CUX1;CUX1;CUX1	0.243762	0.720281	0.818172	-1.22228	0.0214595	0.211712	-4.72341	0.86524	1.10015	1.10015	0.807744	0.871977	-1.14682	0.523057	0.571667	-1.74927		0.382606	0.604631	-1.6539	0.109514	0.375136	-2.6657	0.120763	0.388475	-2.57417	0.48973	1.48332	1.65859	8.29436	4.4452	1
cg02318546	RUFY3	0.243766	0.259408	0.797136	-1.25356	0.0285278	1.44477	1.44477	0.462827	1.55437	1.55437	0.418038	0.853025	-1.1723	0.337178	1.20934	1.20934		0.503936	1.19327	1.19327	0.91098	1.02172	1.02172	0.277243	0.804835	1.48405	1.65857	0.960287	0.519476	1
cg14176638	HS2ST3	0.243766	0.950768	0.978891	-1.02156	0.236413	1.53521	1.53521	0.28781	0.682946	-1.46424	0.439794	0.932448	-1.07245	0.17033	0.603755	-1.6563		0.0469356	0.455721	-2.19433	0.532404	1.24423	1.24423	0.159207	1.68379	1.68379	0.949814	1.02199	1.02199	1.65857	3.13637	1.6809	1
cg12350863	GPR160	0.243772	0.462542	0.769841	-1.29897	0.696323	1.14704	1.14704	0.495945	0.785206	-1.27355	0.680086	0.865002	-1.15607	0.0523057	0.462107	-2.164		0.146336	0.576922	-1.72526	0.0568643	0.4370572	-2.12507	0.237985	1.54086	1.54086	0.773386	0.903949	-1.10626	1.65855	3.2135	1.72226	1
cg17069437	TSC22D4	0.243775	0.863823	0.913015	-1.09527	0.0956379	0.366698	-2.72704	0.84437	0.962476	-1.03899	0.96835	0.978483	-1.02198	0.403567	0.62907	-1.59752		0.273273	0.535324	-1.86803	0.0166367	0.2013067	-4.96605	0.118337	0.107578	-9.29483	0.17882	1.1195	1.1195	1.65854	7.9802	2.22873	1
cg20324206	ONECUT2	0.243776	0.660872	0.913299	-1.09493	0.515207	0.873228	-1.14518	0.0219804	1.75854	1.75854	0.693125	0.921753	-1.08489	0.278965	0.793545	-1.26017		0.64381	1.10038	1.10038	0.779374	0.94867	-1.05411	0.603796	1.11355	1.11355	0.12166	1.41157	1.41157	0.58353	1.10854	0.594122	1
cg14683490	KIAA1274	0.243778	0.681327	0.919293	-1.08779	0.685217	0.919844	-1.08714	0.0653209	0.634525	-1.52834	0.945544	1.03461	1.03461	0.0623841	0.550477	-1.53733		0.462634	0.857879	-1.16567	0.202254	1.13522	1.13522	0.641806	1.10081	1.10081	0.127277	0.713124	-1.40228	1.65852	1.10412	0.591755	1
cg08020381	ID1	0.243786	0.958086	0.978453	-1.02172	0.324039	0.880827	-1.12255	0.158879	0.84309	-1.18561	0.419705	1.09796	1.09796	0.565603	0.995124	-1.0049		0.211942	0.865536	-1.16072	0.203221	1.16444	1.16444	0.441253	1.09309	1.09309	0.613956	1.05935	1.05935	1.65848	0.33746	0.180857	1
cg17162260	OTX1	0.243792	0.512908	0.562403	-1.77808	0.605958	1.57037	1.57037	0.045266	7.33061	7.33061	0.878483	0.875731	-1.1419	0.92366	1.08668	1.08668		0.958735	0.956116	-1.0459	0.747338	0.755527	-1.32358	0.0217033	10.9148	10.9148	0.58497	1.61336	1.61336	1.65848	19.7584	10.5899	1
cg14178676	ERGIC1	0.243795	0.0806002	0.644559	-1.55203	0.663535	0.832001	-1.20316	0.865982	0.931575	-1.07354	0.235044	0.591175	-1.68584	0.0891106	0.447042	-2.22693		0.169458	0.54182	-1.84615	0.0265227	0.331694	-3.01442	0.811778	0.80742	-1.10529	0.296567	0.634987	-1.57483	1.65846	4.62513	2.47494	1
cg09909775	ANO6;ANO6;ANO6;PLEKHA9;AN O6	0.243797	0.998976	1.00051	1.00051	0.144176	1.91076	1.91076	0.481098	0.750296	-1.33281	0.711129	1.16094	1.16094	0.622762	1.18949	1.18949		0.838663	0.921472	-1.08522	0.0218555	0.882255	0.576162	-1.74944	0.16846	4.227	2.26556	1
cg06000635	C21orf122	0.243804	0.0493493	0.409603	-2.44139	0.385901	0.702093	-1.42431	0.200254	0.583707	-1.71319	0.853659	1.07624	1.07624	0.0668303	0.4415	-2.26501		0.369412	0.692955	-1.4431	0.0753328	0.454814	-2.1987	0.315078	0.661433	-1.51187	0.120643	0.511819	-1.95382	1.65843	4.1585	2.22888	1
cg09882061	FAF2	0.243806	0.961	0.993982	-1.00605	0.190644	1.18656	1.18656	0.564045	1.07464	1.07464	0.912674	0.986551	-1.01363	0.0844853	0.790387	-1.2652		0.438778	0.907123	-1.10239	0.0272398	0.724304	-1.38064	0.824293	0.972925	-1.02783	0.703352	0.953873	-1.04836	1.65842	0.4001174	0.214487	1
cg06869003	ZNF684	0.243808	0.575796	0.865994	-1.15574	0.0233175	1.585945	1.585945	0.0127256	1.53115	1.53115	0.0857828	0.631863	-1.58304	0.0116861	0.543455	-1.84026		0.880819	1.03979	1.03979	0.852553	0.950565	-1.05211	0.0178966	1.37087	1.37087	-1.1199	0.54541	1.75805	0.942295	1.1	0.542295	1
cg25463613	AU2;STAU2;STAU2;STAU2;ST AU2;STAU2	0.243816	0.693983	0.870791	-1.14838	0.0246206	2.55084	2.55084	0.120284	1.80328	1.80328	0.278148	1.48373	1.48373	0.754815	0.896186	1.11584		0.773704	1.10613	1.10613	0.242142	0.65161	-1.53466	0.439661	1.31751	1.31751	0.509001	1.26414	1.26414	1.65838	3.21513	1.7233	1
cg07291923	ZI50	0.243819	0.544213	1.09466	1.09466	0.631087	1.07389	1.07389	0.612672	0.927539	-1.07812	0.310095	1.16737	1.16737	0.923531	0.985954	-1.01425		0.698288	0.944223	-1.05907	0.0104775	0.622077	-1.60752	0.834622	1.03128	1.03128	0.676942	1.06368	1.06368	1.65837	0.570186	0.30562	1
cg26847188	PLXND1	0.243821	0.547434	1.07947	1.07947	0.34191	0.307573	-3.25091	0.711599	-1.46529	0.190149	0.969272	-1.03167	-1.29993	0.317653	0.744855	-1.34268		0.712496	0.915114	-1.09273	0.0453253	-1.7754	0.0431144	0.41389	-2.4161	0.0264102	0.676	0.639408	1.56395	1.65836	3.68768	2.07792	1
cg19169246	TRIM65	0.243821	0.37451	1.34977	1.34977	0.202899	0.642554	-1.55629	0.153289	1.65394	1.65394	0.444844	1.06678	1.06678	0.0217441	0.403982	2.47536		0.888697	1.04716	1.04716	0.800897	0.923054	-1.08336	0.85918	1.06018	1.06018	0.822329	0.928668	-1.07681	1.65836	2.8437	1.52423	1
cg10012878	NEU1	0.243829	0.42199	1.05258	1.05258	0.0704568	1.31991	1.31991	0.0520842	1.98083	1.98083	0.110011	0.870982	-1.14853	0.0276582	0.628636	1.59222		0.816422	1.08504	1.08504	0.0984	1.05845	1.05845	1.23725	0.795778	1.25663	0.836186	0.889954	1.65835	1.65835	0.9889954	0.514351	1
cg09347252	PTPRN2;PTPRN2;PTPRN2	0.243823	0.589305	1.24921	1.24921	0.0297927	2.84052	2.84052	0.169264	1.81824	1.81824	0.771501	0.887909	-1.12624	0.729854	1.15203	1.15203		0.520721	1.30445	1.30445	0.0273358	2.9036	2.9036	0.789838	1.11523	1.11523	0.763302	1.13123	1.13123	1.65835	4.37784	2.34655	1
cg01352108	KCNK4;KCNK4	0.243824	0.481112	1.2705	1.2705	0.527995	0.807546	-1.21832	0.276275	1.46025	1.46025	0.08281	1.90064	1.90064	0.883017	0.951967	-1.05046		0.446542	1.29614	1.29614	0.144362	0.592012	-1.68916	0.0941127	0.540457	-1.85028	0.615727	0.844352	-1.18434	1.65835	2.93555	1.57348	1
cg03649758	EPDR1	0.243826	0.435432	1.13984	1.13984	0.174574	0.413158	1.13984	0.0116594	1.63683	1.63683	0.0800995	0.5348	-1.87002	0.0116594	0.613863	-1.62911		0.666146	1.13158	1.13158	0.0717946	0.734995	1.36095	0.0127151	0.76434	-1.30841	0.0184724	0.596293	1.67783	1.65834	0.5964293	0.355957	1
cg00704305	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECH DC1	0.243829	0.585884	1.15007	1.15007	0.0835426	1.62711	1.62711	0.682923	0.900881	-1.11002	0.440327	0.818725	-1.22141	0.0691823	0.596456	-1.67657		0.473795	1.20341	1.20341	0.291906	0.757346	-1.3204	0.146954	0.673272	-1.48528	0.850179	0.953076	-1.04923	1.65833	1.69657	0.909385	1
cg10768996	TMCC2	0.243833	0.034927	0.402967	-2.48159	0.649988	1.18403	1.18403	0.266162	0.651533	-1.53484	0.175976	0.587407	-1.7024	0.0365373	0.407169	-2.45598		0.405797	0.730159	-1.36956	0.58997	0.817777	-1.22283	0.295228	0.66939	-1.4939	0.338898	0.694538	-1.43981	1.65832	3.59113	1.92491	1
cg23530553	HOXB3	0.243833	0.116913	0.527479	-1.89581	0.2710666	0.650315	-1.53772	0.65052	0.842592	-1.18681	0.811804	0.914321	-1.09371	0.145076	0.55563	-1.79976		0.686531	0.858683	-1.16457	0.0400707	0.41026	-2.43748	0.0408852	0.412191	-2.42606	0.898538	1.04907	1.04907	1.65832	3.70383	1.98532	1
cg08909901	SMURF1;SMURF1	0.243835	0.0490903	0.409603	-2.44257	0.393722	1.03279	1.03279	0.0123729	1.42371	1.42371	0.0127

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 137 vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg05791153	TWIST6B	0.244104	0.835611	-1.19573	0.454728	1.47329	0.47239	0.4487748	3.14424	3.14424	0.244617	1.85811	1.85811	0.139525	2.24605	-2.24605	0.55214	0.736316	-1.35811	0.207621	0.508547	-1.96639	0.54597	0.732733	-1.36475	0.284539	1.76073	1.65728	6.79746	3.64585	1			
cg00920055	OLFML2A	0.244105	0.0369487	0.347166	-2.88047	2.607091	1.6567	1.6567	0.677152	-1.47677	0.674568	0.831611	-1.20249	0.285891	0.6163355	-1.62244	0.109854	0.467199	-2.14041	0.831956	0.9113193	-1.09722	0.187426	0.543335	-1.84048	0.164108	0.5229956	-1.91221	1.65727	5.00403	2.68394	1			
cg05707492	RPTOR;RPTOR	0.244107	0.917463	0.962688	-1.03876	0.3515555	0.703494	-1.42148	0.286644	1.50064	1.50064	0.5510218	1.24768	1.24768	0.139234	0.557784	-1.79281	0.177355	0.59101	-1.69202	0.0581396	0.4558575	-2.19358	0.129994	0.548823	-1.82208	0.7309994	1.13496	1.13496	1.65727	3.53207	1.89445	1			
cg16036142	ARRB1;ARRB1	0.244111	0.728992	1.08588	1.08588	0.0619835	1.64501	1.64501	0.24065	1.33769	1.33769	0.0507755	1.66641	1.66641	0.22725	1.35017	1.35017	0.339669	1.26248	1.26248	0.434099	0.8277757	-1.20808	0.332982	0.7893564	-1.26584	0.583826	1.14	1.14	1.65725	1.47234	0.78971	1			
cg17844831	RAI1	0.244111	0.112516	3.54353	3.54353	0.762409	1.24861	1.24861	0.837121	1.16269	1.153717	3.06	3.06	0.538095	0.6334499	-1.57853	0.370549	1.96074	1.96074	0.45207	0.570641	-1.75242	0.0405412	0.55205	0.55205	0.128018	3.33624	3.33624	1.65725	14.074	7.54876	1			
cg27357181	ZCCHC4	0.244112	0.881282	2.31037	2.31037	0.940536	1.03293	1.03293	0.743912	0.86731	-1.15299	0.117293	1.20347	1.20347	0.885375	1.06465	1.06465	0.371955	1.48898	1.48898	0.389258	0.6816094	-1.46693	0.138704	0.500479	-1.99808	0.212102	0.5650202	-1.7699	0.67234	4.95024	2.65514	1			
cg24437104	SNAP47	0.244114	0.4160356	0.704044	-1.42036	0.0880496	2.21367	2.21367	0.507165	1.32852	1.32852	0.825885	0.9111892	-1.09747	0.366946	0.676208	-1.47884	0.481	0.739055	-1.35308	0.062758	0.4431666	-2.42034	0.513797	1.3225	1.3225	0.164663	0.534828	-1.86976	0.67724	4.6773	2.50875	1			
cg08107013	VSX2	0.244115	0.305705	2.70944	2.70944	0.2747105	1.69323	1.69323	0.283057	1.86693	1.86693	0.763923	0.8423242	-1.18584	0.650969	0.7727956	-1.294	0.678683	1.62585	1.62585	0.5705006	-1.50718	0.0150784	0.425112	0.2351124	0.1445122	2.42776	2.42776	1.65724	8.40565	4.50852	1			
cg02721585	KDM4B	0.244123	0.873345	1.05327	1.05327	0.320536	1.39646	1.39646	0.483842	1.26048	1.26048	0.9425788	0.976835	-1.02371	0.0104963	0.3507704	-2.85141	0.817416	0.927521	-1.07814	0.707899	0.884743	-1.13027	0.740238	1.11433	1.11433	0.416658	0.763321	-3.31007	1.6572	2.77825	1.40319	1			
cg23053723	RGS9;RGS9;RGS9;RGS9;RGS9;RGS9	0.244124	0.294079	0.80955	-1.23525	0.0977327	0.70278	-1.42292	0.63491	1.09731	1.09731	0.377156	1.19236	1.19236	0.422214	0.85286	-1.17253	0.359522	1.20069	1.20069	0.0469212	0.643025	-1.55515	0.945108	0.986721	-1.01346	0.2076551	0.772639	-1.29427	1.6572	0.989216	0.530595	1			
cg01485247	ZZZ3	0.244128	0.68573	1.33862	1.33862	0.747015	1.07279	1.07279	0.0928825	-1.07663	0.0924087	0.9205	0.85705	0.85705	0.0899178	-1.11412	0.14008	0.64768	1.54397	0.0139283	0.884704	1.13042	-1.12735	0.669401	0.1194	1.11764	0.766228	0.919626	-1.08704	1.65718	2.05664	1.10315	1			
cg26904991	PMM2;PMM2;TMEM186	0.244129	0.796188	0.9653449	-1.03579	0.646382	1.04677	1.04677	0.149332	1.23773	1.23773	0.35094	0.879228	-1.13736	0.896205	0.982425	-1.01789	0.0292137	0.705358	-1.41772	0.720304	0.95233	-1.05006	0.161328	0.816107	-1.22533	0.27348	0.856571	-1.16744	1.65718	0.484375	0.259812	1			
cg02550205	MIS12;DERL2	0.244133	0.901887	0.979747	-1.0216	0.0892728	1.42526	1.42526	0.242269	1.26042	1.26042	0.8626881	0.965456	-1.03578	0.4908897	1.14148	1.14148	0.322746	0.834348	-1.21308	0.450461	0.619198	-1.56446	0.563986	0.809555	-1.11663	0.77789	1.05493	1.05493	1.65727	0.93855	0.503483	1			
cg07141215	TFAP4	0.244134	0.574833	0.790622	-1.26481	0.310563	0.647309	-1.54486	0.100005	0.496997	-2.01208	0.25713	0.622475	-1.63272	0.0306032	0.348875	-2.86636	0.327169	0.657509	-1.52089	0.0186444	0.370532	-2.69882	0.925191	1.0397	1.0397	0.614474	0.810152	-1.23434	1.65716	4.50981	2.41903	1			
cg07911905	CHST11	0.244134	0.398838	0.544944	-1.83505	0.033054	0.173489	-5.76407	0.326509	2.03794	2.03794	0.319077	2.06203	2.06203	0.125795	0.312149	-2.30359	0.69092	0.755117	-1.3243	0.247863	0.427814	-2.33746	0.912721	1.08011	1.08011	0.721145	1.28646	1.28646	1.65716	12.9641	6.95383	1			
cg04576672	HOXC4;HOXC5;HOXC6;HOXC6;HOXC6	0.244136	0.382073	0.776173	-1.28837	0.0478062	0.527495	-1.89575	0.217986	0.693306	-1.44236	0.282565	0.729345	-1.37109	0.797585	1.07535	1.07535	0.631764	0.872425	-1.14623	0.0247976	0.4699	-2.12811	0.694363	1.11809	1.11809	0.63764	0.874506	-1.1435	1.65715	2.0968	1.12471	1			
cg17533080	NADSYN1	0.244138	0.0657664	0.526974	-1.89763	0.193112	1.65323	1.65323	0.0549188	1.96476	1.96476	0.660572	1.104747	1.104747	0.310713	1.38462	-1.38462	0.911883	1.03494	1.03494	0.8667773	1.05347	1.03494	0.662469	0.872605	-1.14599	0.917702	1.03259	1.03259	1.65715	2.5364	1.35515	1			
cg18428217	C7orf26	0.244141	0.580642	1.02947	1.02947	0.971012	1.28683	1.28683	0.313089	1.25505	1.25505	0.9619962	0.998067	-1.00194	0.536046	0.8004058	-1.12352	0.485983	0.87671	-1.14063	0.0229628	0.6031444	-1.65788	0.629953	1.09442	1.09442	0.361855	1.1903	1.1903	1.65714	0.9066555	0.486313	1			
cg21997130	TBCD	0.244143	0.156716	0.765468	-1.30639	0.149119	0.761119	-1.31386	0.604366	0.911899	-1.09661	0.431076	0.867802	-1.15234	0.561685	1.10908	1.10908	0.267581	1.22602	1.22602	0.0879909	1.39405	1.39405	0.191215	0.783359	-1.27655	0.800846	1.04561	1.04561	1.65713	0.8170757	0.438272	1			
cg24481803	PTPN9;PTPN12;PTPN12	0.244143	0.327543	1.75084	1.75084	0.4432021	1.55955	1.55955	0.800166	1.15093	1.15093	0.224693	2.02741	2.02741	0.0331394	0.296302	-1.3374	0.434484	1.5557	1.5557	0.0560607	1.2993	1.2993	0.484632	1.48227	1.48227	0.678824	1.25858	1.25858	1.65713	8.060228	4.32356	1			
cg08301299	RNPS1;RNPS1	0.244147	0.297133	1.87827	1.87827	0.32782	1.80224	1.80224	0.460941	1.54919	1.54919	0.418784	1.61897	1.61897	0.209328	2.16337	2.16337	0.311485	1.84158	1.84158	0.0236715	0.483178	0.8443704	3.84142	3.84142	0.133758	2.56795	2.56795	1.65711	8.92535	4.78763	1			
cg08315770	KCNK17;KCNK17	0.244148	0.105116	6.807411	6.807411	0.998793	0.9983558	1.001665	0.752321	1.49179	1.49179	0.584132	1.823446	1.823446	0.0156463	0.5594048	-1.67772	0.6618067	1.5128	1.5128	0.5648249	1.8695	1.8695	0.0156693	0.6132	1.6132	0.0156119	2.57405	2.57405	1.65711	31.9988	16.628	1			
cg26462404	OAZ1	0.244148	0.523362	1.0777	1.0777	0.440923	1.09518	1.09518	0.491143	0.922281	-1.08427	0.118275	1.21678	1.21678	0.834108	0.976028	-1.02456	0.503133	0.924396	-1.08179	0.368233	1.11285	1.11285	0.77713	0.967701	-1.03338	0.0276651	0.73993	-1.35148	1.65711	0.351288	0.188434	1			
cg15224767	PAFAH1B1	0.244155	0.84897	0.96237	-1.03494	0.949181	0.9885583	-1.01155	0.553516	1.44864	1.44864	0.773618	1.05331	1.05331	0.648482	1.14212	-1.14212	0.669777	1.08035	1.08035	0.0720683	1.45857	0.6498486	1.54826	1.54826	0.0596486	1.11798	1.11798	0.0955155	1.39085	1.39085	1.65708	0.8518814	0.456928	1			
cg16955631	LOOC1L	0.244156	?	0.9698654	?	0.9698654	0.7226	0.7226	0.0198687	0.2112126	0.2112126	0.7031556	0.5512	0.5512	0.2734481	0.5918986	-1.68956	0.4215	0.7720683	0.7720683	0.2734481	0.5918986	-1.68956	0.4215	0.7720683	0.7720683	0.2734481	0.5918986	-1.68956	1.65708	1.73062	1.92398	0.77294	2.52302	1			
cg12276019	XK86	0.244160	0.574403	1.27436	1.27436	0.453113	0.720426	-1.38807	0.354366	1.50249	1.50249	0.61323	0.804297	-1.24332	0.841992	1.08902	1.08902	0.454154	0.721963	-1.38511	0.0203556	0.302774	-3.30279	0.138239	0.50563	-1.97773	0.241739	0.592409	-1.68802	1.65704	4.79128	2.57019	1			
cg14235350	ZDHHC14;ZDHHC14	0.244161	0.117343	1.66961	1.66961	0.5132864	0.8970975	-1.5219	0.374585	0.768313	-1.30186	0.810994	1.094059	-1.09137	0.4629613	1.59566	-1.59566	0.844889	1.05573	1.05573	0.4054498	1.31558	1.31558	0.1455	0.7884884	1.26813	1.26813	0.0462133	0.6704101	1.22084	0.824613	1.65703	2.81656	1.17208	1			
cg00796790	QTRT1	0.244175	0.111973	0.7225113	-1.38406	0.6678988	1.68129	-1.46815	0.676998	0.924346	-1.08185	0.552984	0.893411	-1.11931	0.0407518	0.6414407	-1.55907	0.580766	1.11043	1.11043	0.975597	1.00576	1.00576	1.00576	0.366028	1.19053	1.19053	0.70894	0.932006	1.07295	1.657	0.925471	0.496463	1			
cg27299588	PTPRS;PTPN5;PTPRS;PTPN5	0.244178	0.397237	0.583267	-1.71448	0.927083	1.05858	1.05858	0.628336	0.738329	-1.35441	0.56649	0.697423	-1.43385	0.0310575	0.2071767	-4.82681	0.0945661	0.318924	-3.13558	0.0502876	0.2496519	-4.0061	0.293651	0.507902	-1.96888	0.185746	0.417857	-2.39317	1.657	10.1504	5.44517	1			
cg10454121	KCNH2;KCNH2	0.244178	0.283413	1.78966	1.78966	0.5136699	2.41483	2.41483	0.23168	1.23108	1.23108	0.6556123	1.180681	1.180681	0.3733	1.26319	-1.26319	0.162896	2.02801	2.02801	0.0116457	2.6319	2.6319	0.0116457	2.6319	2.6319	0.0116457	2.6408	2.6408	0.773199	0.8507703	0.461457	1.65703	2.11795	1.16359	1			
cg07019638	EHD1	0.244179	0.76377	1.32506	1.32506	0.6256367	1.81897	1.81897	0.625697	11.8734	11.8734	0.881186	0.8696448	-1.14989	0.955952	1.04854	1.04854	0.731089	1.38011	1.38011	0.945126	0.937745	-1.06639	0.462205	2.01154	2.01154	0.882964	0.874483	-1.14747	1.65699	22.8847	12.2765	1			
cg05721555	FLI45983;GATA3;GATA3;FLI45983	0.244181	0.1438558	1.139547	1.139547	0.4720575	0.9167576	-1.1537	0.5838804	0.9995332	-1.00436	0.4636439	0.8696219	-1.14989	0.0178478	0.7228561	-1.38283	0.0620309	1.4331	1.4331	0.0147087	2.0523	1.8355	0.0147087	2.0523	1.8355	0.0147087	2.1866	2.1866	0.0147087	2.1866	0.7934	0.4544613	1			
cg27630274	C7orf61	0.244185	0.575498	0.8208373	-1.21821	0.317985	0.697594	-1.4335	0.259784	0.663562	-1.50702	0.404235	0.742475	-1.34685	0.860067	0.9402293	-1.0635	0.442438	1.31426	1.31426	0.0381502	2.31269	2.31269	0.208408	0.58836	1.58836	0.309383	1.44343	1.44343	1.65697	1.19438	1.71364	1			
cg07503211	TNRC18	0.244186	0.696055	1.10191	1.10192	0.325749	1.2851	1.2851	0.0207961	1.98955	1.98955	0.985631	1.00446	1.00446	0.893615	0.9674644	-1.03363	0.348444	0.787705	-1.26951	0.0823975	0.6090146	1.60904	0.302061	1.30253	1.30253	0.525384	1.17244	1.17244	1.65696	1.60375	0.86094	1			
cg00269245	NUP93	0.244189	0.0693124	0.781111	-1.27975	0.3946701	0.9845	-1.0155	0.153708	0.6489579	-1.54101	0.1522116	0.6799	-1.47059	0.0150838	0.4744504	-2.10705	0.0904664	0.5551	0.5551	0.0271129	0.6500018	-1.53846	0.0244022	0.4937	-2.02572	0.0119619	0.3237076	-3.09002	1.65695	1.4527	0.826225	1			
cg04578774	ALX4	0.244192	0.714044	1.30638	1.30638	0.114226	0.287167	-3.4823	0.097352	3.74776	3.74776	0.226193	2.51578	2.51578	0.703801	0.757755	-1.31969	0.731226	0.778489	-1.28454	0.0874071	0.2540514	-3.93679	0.453747	1.74057	1.74057	0.65143	0.718729	-1.39135	1.65694	13.8394	7.42434	1			
cg12532076	DIP2C	0.244192	0.1239037	1.32337	1.32337	0.6807	0.8857157	-1.1357	0.1213854	0.8134243	-1.23007	0.4381245	0.9150445	-1.57078	0.0927762	0.3837955	-2.60554	0.2250996	0.644005	-1.55253	0.0597984	0.4460075	-2.24225	0.0534907	0.2577786	-3.87803	0.4641857	0.5064574	-1.97486	-1.60407	0.0767063	2.285189	1.5045634	0.6567	0.73491	1			
cg19266693	GDAP2;GDAP2;WDR3	0.244196	0.955042	0.992254	-1.00752	0.266312	1.16629	1.16629	0.3637358	1.31891	1.31891	0.186574	0.8303112	-1.20437	0.746395	1.04404	-1.04404	0.08404067	0.775785	-1.28902	0.644037	0.9400775	-1.06374	0.714694	0.952409	-1.04997	0.368616	1.13048	1.13048	1.65692	1.462869	0.248315	1			
cg09290694	LMF1	0.244198	0.92740	0.978969	-1.02148	0.541759	0.865685	-1.15516	0.281376	0.769939	-1.2988	0.321987	0.787479	-1.26987	0.102177	0.658555	-1.51848	0.379725	1.2342	1.2342	0.0909823	1.54462	1.54462	0.406213	1.21948	1.21948	0.212726	1.35862	1.35862	1.65692	1.43101	0.767693	1			
cg15625451	RERE;RERE	0.244201	0.321871	1.8054	1.8054	0.68607	0.8855157	-1.1357	0.1213854	0.8134243	-1.23007	0.4381245	0.9150445	-1.57078	0.0927762	0.3837955	-2.60554	0.2250996	0.644005	-1.55253	0.0597984	0.4460075	-2.24225	0.0534907	0.2577786	-3.87803	0.4641857	0.5064574	-1.97486	-1.60407	0.0767063	2.285189	1.5045634	0.6567	0.73491	1			
cg07822777	ESX1	0.244211	0.13029	0.10716	-9.33188	0.857178	1.29144	1.29144	0.75931	1.522	1.522	0.161891	0.70115	0.70115	0.0292609	0.45532	-2.45532	0.147864	0.119796	-8.34754	0.756151	0.653278	-1.53074	0.0724441	0.15816	0.15816	0.867701	2.55592	1.25592	1.65687	49.0201	26.2987	1			
cg19202369	ZCCHC24	0.244216	0.0369487	0.347166	-2.88047	2.607091	1.6567	1.6567	0.677152	-1.47677	0.674568	0.831611	-1.20249	0.285891	0.6163355	-1.62244	0.109854	0.467199	-2.14041	0.831956	0.9113193	-1.09722	0.187426	0.543335	-1.84048	0.164108	0.5229956	-1.91221	1.65727	5.00403	2.68394	1			
cg20090782	SETBP1;SETBP1	0.244221	0.0947137	0.315792	-3.16564	0.912541	0.9133368	-1.07139	0.29114	2.25034	2.25034	0.552714	0.685951	-1.45783	0.0665009	0.2748352	-3.63832	0.742749	1.22063	1.22063	0.136934	0.36585	-2.73336	0.142392	0.371683	-2.69046	0.595124	0.714174	-1.40022	1.65683	10.3363	5.54542	1			
cg09095247	NCOR2;NCOR2	0.244223	0.546868	1.11713	1.24113	0.2958807	2.184158	2.184158	0.0509002	2.14549	2.14549	0.464979	0.855516	-1.19686	0.995285	0.9979308	-1.0021	0.365708	1.38993	1.38993	0.0188485	0.5998	0.5998	0.0188485	0.5998	0.5998	0.0188485	1.1194	1.1194	0.570842	1.082	0.746799	1			
cg24996657	PLEK2	0.244224	0.0586441	0.92157	0.92157	0.518464	1.82445	1.82445	0.0991083	0.514479	0.514479	0.247748	0.298855	0.562002	1.70092	1.70092	1.70092	0.562019	0.310102	0.310102	0.0019888	0.5061	0.5061	0.0019888	0.5061	0.5061	0.0019888	0.56139	0.56139	0.570842	0.29222	0.158037	1			
cg21863927	TMEM139	0.244226	0.896873	1.09182	1.09182	0.020355	0.150432	-6.64753	0.0856383	0.276096	-3.62193	0.460148	0.66433	1.66433	0.69392	1.30727	1.30727	0.582071	0.686228	-1.45724	0.370798	0.536569	-1.86369	0.310879	0.491507	-2.03456	0.857781	1.12921	1.12921	1.65681	12.0418	6.46049	1			
cg00296502	C1orf223	0.244228	0.0254403	0.7208455	-1.38704	0.1128621	2.17186	2.17186	0.0145148	0.7338	0.7338	0.0503882	0.856459	-1.04553	0.1912225	1.32429	1.32429	0.502888	0.7170818	0.7170818	0.1305004	0.34962	-2.86007	0.0441	0.1718	0.132004	1.63462	1.63462	0.0441	0.1718	0.132004	1.63462	1.63462	0.0441	0.1718	0.132004	1.63462	1.63462	0.570842	0.56812	-1.76031	1.65679	0.60071	0.21945	0.0001	1			
cg15079981	PDCL3	0.244235	0.936429	1.01175	1.01175	0.518849	1.10053	1.10053	0.0513435	1.38395	1.38395	0.334126	0.864244	-1.15708	0.997442	0.999531	-1.00047	0.852973	1.02754	1.02754	0.508191	0.9063651	-1.10331	0.268951	0.844823	-1.18368	0.0537524	1.37819	1.37819	1.65678	0.56288	0.301995	1			
cg04096150	GPR176	0.244236	0.373617	0.60371	-1.65828	0.524484	0.562227	-1.77879	0.275138	0.533193	-1.87511	0.571478	0.728561	-1.37257	0.0180599	0.2038835	-4.90664	0.268993	0.538393	-1.85912	0.160313	0.435758	-2.29485	0.358137	1.68751	1.68751	0.281994	0.539733	-1.85277	1.65677	8.04729	4.31752	1			
cg07424616	PANK4	0.244238	0.2158888	0.6976599	-1.43239	0.521824	0.8355534	-1.19684	0.2702125	0.5704056	-1.74199	0.949903	0.962784	-1.03757	0.4882009	0.5354405	-1.86775	0.1021103	0.6098474	-1.63968	0.0429429	0.6161442	-1.62267	0.4818286	0.8205	-1.21877	0.138364	0.643424	1.55418	1.65676	2.00435	0.97537	1			
cg23902252	ATP6V0E2;ATP6V0E2;LOC401431	0.244239	0.462632	1.21069	1.21069	0.367263	1.26723	1.26723	0.0193335	2.17431	2.17431	0.603908	1.1432	1.1432	0.43286	0.81492	-1.22711	0.592384	1.1482	1.1482	0.3769	1.26094	1.26094	0.631498	1.13153	1.13153	0.0912528	1.60901	1.60901	1.65676	1.71572	0.920526	1			
cg06976977	CDC18	0.244243	0.279443	1.39355	1.39355	0.779329	1.04581	1.04581	0.135126	1.32458	1.32458	0.670937	1.07747	1.07747	0.0771393	1.25405	-1.25405	0.119555	1.32879	1.32879	0.161402	0.7712726	-1.29655	0.133705	1.32879	1.32879	0.0975157	1.00054	1.00054	1.65676	0.0000	0.0000	1			
cg02943595	LOC143188	0.244249	0.0358807	0.225302	-4.43849	0.804248	0.859329	-1.1637	0.780757	1.1857	1.1857	0.242134	0.47362	-2.1114	0.0713538	0.2924252	-3.41937	0.102014	0.335342	-2.98203	0.168366	0.4081512	-2.45007	0.24247	0.473895	-2.11017	0.344839	0.552124	-1.81119	1.65672	9.77874	5.24663	1			
cg22211917	LAIR1;LAIR1	0.244249	0.705049	0.925717	-1.08024	0.153823	0.733503	-1.36332	0.820639	0.9545455	-1.04553	0.191225	1.32429	1.32429	0.0508982	1.57054	1.57054	0.759416	1.06433	1.06433	0.285616	1.25245	1.25245	0.202609	0.761065	-1.31395	0.689623	0.923748	-1.08489	1.65672	0.108102	0.580005	1			
cg15049540	GK2;PIK2	0.244249	0.435569	1.52957	1.52957	0.748679	0.842208	-1.18736	0.0881669	2.73254	2.73254	0.140208	2.3345	2.3345	0.865797	0.913597	-1.09457	0.279069	0.548135	-1.82437	0.231544	0.511504	-1.95502	0.11916	2.46824	2.46824	0.329871	1.7112	1.7112	1.65672	7.48899	4.0181	1			
cg25346117	ATP1A1;ATP1A1	0.244251	0.965981	1.02844	1.02844	0.7274705	1.39823	1.39823	0.0417351	1.21595	1.21595	0.0553554	1.143373	1.143373	0.959037	1.042752	-1.042752	0.475586	1.08683	1.08683	0.0810083	1.45267	1.45267	0.0178586	1.08683	1.08683	0.0810083	1.46716	1.46716	1.65672	11.3438	6.08638	1			
cg10929873	NCOR2;NCOR1	0.244253	0.906611	1.04511	1.04511	0.0133999	1.62038	1.62038	0.262683	1.54172	1.54172	0.25567	1.56215	1.56215	0.580912	0.8109071	-1.23319	0.380333	1.40252	1.40252	0.847146	0.930326	-1.07524	0.156575	1.76761	1.76761	0.506504	1.28835	1.28835	1.65671	3.70764	1.98929	1			
cg06889746	EIF3I	0.244254	0.0781189	1.18397	1.18397	0.4508097	1.39542	1.39542	0.0208	1.24017	1.24017	0.6485844	1.14897	1.14897	0.0994	1.24017	-1.24017	0.343494	1.33842	1.33842	0.0977	1.74384	1.74384	0.0977	1.74384	1.74384	0.0977	1.74384	1.74384	1.65671	1.38341	0.742897	1			
cg07259581	SEPSECS;SEPSECS;SEPSECS	0.244256	0.53926	1.16547	1.16547	0.0323476	1.85389	1.85389	0.0830099	1.60453	1.60453	0.960217	0.987787	-1.01236	0.258613	1.33691	1.33691	0.914673	1.02675	1.02675	0.706508	0.911022	-1.09767	0.231248	1.36253	1.36253	0.0816395	1.60865	1.60865	1.6567	1.5923	0.854336	1			
cg03186986	AAK1	0.244257	0.912148	0.926748	-1.07904	0.264524	1.17726	1.17726	0.375615	1.1361	1.1361	0.356981	0.875517	-1.14218	0.283534	1.16924	1.16924	0.083127	0.763978	-1.30894	0.784343	0.962237	-1.03924	0.240761	1.18808	1.18808	0.108106	1.2789	1.2789	1.65669	0.516673	0.277218	1			
cg20952913	ZNF124	0.244259	0.403574	1.62732	1.62732	0.1036	1.36452	1.36

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg13538517	PTPRN2;PTPRN2;PTPRN2	0.244499	0.46763	0.855334	-1.16913	0.123298	0.702601	-1.42328	0.198979	0.750533	-1.33239	0.342385	0.813157	-1.22978	0.105391	0.687937	-1.45362
cg06446895	ARHGDIA;ARHGDIA	0.2445	0.0692277	0.703522	-1.42142	0.250468	0.812417	-1.2309	0.639119	1.08514	1.08514	0.236558	0.806908	-1.2393	0.243904	0.809845	-1.2348
cg09459868	EFCAB3;EFCAB3	0.244504	0.157319	0.423746	-2.3599	0.419877	0.626301	-1.59668	0.0339141	0.245126	-4.07954	0.204902	0.467919	-2.13712	0.0669745	0.311655	-3.20867
cg04902286	C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;C13orf	0.244508	0.116963	0.640682	-1.56084	0.0537468	0.564069	-1.77283	0.127209	0.649723	-1.53912	0.442373	0.814832	-1.22725	0.0968258	0.620952	-1.61043
cg02727484	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.244509	0.36058	0.610314	-1.6385	0.359957	0.609901	-1.63961	0.352701	0.605072	-1.6527	0.980154	0.987017	-1.01315	0.0455032	0.299709	-3.33657
cg07308257	EEPD1	0.244515	0.0611909	0.398413	-2.50996	0.18599	0.542431	-1.84355	0.386743	0.679064	-1.47262	0.273942	0.608584	-1.64316	0.0472328	0.371419	-2.69237
cg08522107	ZNF354C	0.244516	0.482966	1.33608	1.33608	0.0574751	0.417656	-2.39431	0.508357	1.31346	1.31346	0.406367	0.708093	-1.41224	0.278016	1.58155	1.58155
cg26232708	UBE2R2	0.24452	0.667009	0.921723	-1.08493	0.595405	0.904003	-1.10619	0.670471	1.08394	1.08394	0.737708	0.93867	-1.06534	0.307807	0.819724	-1.21992
cg07734359	VPS53;VPS53;VPS53;VPS5	0.244525	0.487698	1.14805	1.14805	0.437689	1.16769	1.16769	0.216822	1.28979	1.28979	0.610077	1.10596	1.10596	0.866195	1.03357	1.03357
cg16535510	TOP1	0.244529	0.639999	1.22686	1.22686	0.681918	1.19586	1.19586	0.567717	1.28491	1.28491	0.0117022	0.254815	-3.92441	0.455023	0.718724	-1.39135
cg18050804	MCF2L;MCF2L	0.244532	0.125373	0.452511	-2.20989	0.152188	0.480351	-2.08181	0.959353	0.975931	-1.02466	0.997058	0.998239	-1.00176	0.458858	0.697287	-1.43413
cg03672499	CLEC4C;CLEC4C;CLEC4C;CLEC4C	0.244541	0.670512	1.16889	1.16889	0.565845	1.23571	1.23571	0.19109	0.603647	-1.6566	0.718239	0.876232	-1.14125	0.0698968	0.477562	-2.09397
cg11678118	PKIB;PKIB;PKIB	0.244545	0.218016	0.393983	-2.53818	0.0890823	3.84923	3.84923	0.0643142	4.4556	4.4556	0.582199	1.49096	1.49096	0.814938	1.18357	1.18357
cg21665078	EIF2B5	0.244553	0.452586	0.643591	-1.55378	0.557509	1.40494	1.40494	0.0533063	3.90787	3.90787	?	?	?	?	?	?
cg20053637	RFPL1S	0.244557	0.0414583	0.398283	-2.51078	0.829953	0.919245	-1.08785	0.153231	0.549485	-1.81989	0.537386	1.27699	1.27699	0.155371	0.551429	-1.81347
cg08514735	WNT5A	0.244559	0.0163313	0.53181	-1.88037	0.758467	1.06859	1.06859	0.585977	1.12557	1.12557	0.214189	0.754818	-1.32482	0.977157	1.00618	1.00618
cg16405575	TSPAN9;TSPAN9	0.244562	0.186001	0.766528	-1.30458	0.882772	1.02837	1.02837	0.345657	1.20222	1.20222	0.573633	1.11384	1.11384	0.0975094	1.41168	1.41168
cg07336637	BNIP1;BNIP1;BNIP1;BNIP1	0.244562	0.798549	0.950669	-1.05189	0.0597902	1.52217	1.52217	0.222594	1.28856	1.28856	0.654799	1.0931	1.0931	0.145727	0.734206	-1.36202
cg22982811	JAZF1	0.244563	0.465007	0.600878	-1.66423	0.0105935	0.11058	-9.04321	0.331064	0.50309	-1.98771	0.831722	1.15693	1.15693	0.299261	0.478574	-2.08954
ch.12.1284972I	FAM19A2	0.244568	0.0236088	0.102167	-9.78787	0.476061	0.542478	-1.84339	0.524626	1.72315	1.72315	0.0612009	0.168575	-5.93208	0.364949	0.45581	-2.19389
cg26856604	KIF1B	0.24457	0.22113	2.29692	2.29692	0.168155	2.58463	2.58463	0.340293	1.88775	1.88775	0.253063	2.16365	2.16365	0.334247	1.90386	1.90386
cg24001514	AGK	0.24457	0.77797	1.06767	1.06767	0.0495777	1.68027	1.68027	0.111335	1.49445	1.49445	0.255984	1.3161	1.3161	0.527393	0.862148	-1.15989
cg18691434	STAG3;GPC2	0.244571	0.64039	1.46972	1.46972	0.0276625	8.42173	8.42173	0.117797	4.01543	4.01543	0.620823	1.50399	1.50399	0.249983	0.373833	-2.67499
cg25668922	RAI14;RAI14;RAI14	0.244577	0.709866	1.07042	1.07042	0.0429759	1.52828	1.52828	0.0626015	1.46461	1.46461	0.539227	1.11986	1.11986	0.478635	1.14017	1.14017
cg22055337	LRIG1	0.24458	0.586134	1.43174	1.43174	0.0381711	4.79968	4.79968	0.0191396	6.36521	6.36521	0.682905	1.30751	1.30751	0.537893	1.50257	1.50257
cg06392126	SPHKAP;SPHKAP	0.244591	0.258944	0.424734	-2.35441	0.0304444	6.3553	6.3553	0.128836	3.29785	3.29785	0.549388	0.643775	-1.55334	0.971691	0.97453	-1.02614
cg10366028	MAD1L1;MAD1L1;MAD1L1	0.244592	0.438536	0.834956	-1.19767	0.0586914	0.614162	-1.62823	0.523349	0.862734	-1.15911	0.387166	1.22428	1.22428	0.0298758	0.55845	-1.79202
cg27649897	ACSF3;ACSF3;ACSF3	0.2446	0.320198	0.694216	-1.44047	0.119251	0.548405	-1.82347	0.702803	0.872659	-1.14592	0.230189	0.639352	-1.56408	0.0613304	0.472802	-2.11505
cg12743743	WIBG;WIBG	0.244606	0.0692862	1.39528	1.39528	0.483471	1.12381	1.12381	0.852227	1.03104	1.03104	0.0760277	1.3821	1.3821	0.0486995	1.44632	1.44632
cg01975706	JAM2	0.244607	0.560676	0.835585	-1.19677	0.432297	1.27721	1.27721	0.997917	1.0008	1.0008	0.651397	0.870344	-1.14897	0.73519	0.901544	-1.10921
cg00390769	MTERF	0.244608	0.669018	1.35258	1.35258	0.900661	1.09166	1.09166	0.477288	1.66107	1.66107	0.76878	1.23001	1.23001	0.949505	0.956498	-1.04548
cg20219381	RGS22	0.244609	0.748178	1.14724	1.14724	0.80059	0.897694	-1.11397	0.0714713	2.35925	2.35925	0.819052	0.906911	-1.10264	0.889436	1.06111	1.06111
cg06818327	PRDM11	0.244609	0.348084	0.719201	-1.39043	0.472917	1.28284	1.28284	0.0315482	2.36382	2.36382	0.498534	0.791027	-1.26418	0.0955507	0.535404	-1.86775
cg09241097	LAMA2;LAMA2	0.244612	0.721157	0.931399	-1.07365	0.0434983	1.58465	1.58465	0.0492533	1.56059	1.56059	0.93086	0.982939	-1.01736	0.597786	0.899805	-1.11135
cg22133882	WBSCR17	0.244616	0.0676351	0.405412	-2.46663	0.0384233	0.347217	-2.88004	0.112001	0.466173	-2.14513	0.912752	1.04952	1.04952	0.240908	0.581924	-1.71844
cg10016783	SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.244618	0.0904556	0.161305	-6.19943	0.018465	0.0611137	-16.3629	0.424302	0.450213	-2.22117	0.868711	1.17562	1.17562	0.696364	0.681446	-1.46747
cg09462445	IGFBP5	0.244619	0.340309	0.641713	-1.55833	0.0455476	2.81536	2.81536	0.1936	1.86071	1.86071	0.534241	1.32864	1.32864	0.152709	0.500874	-1.99651
cg25995995	NDUFA10	0.244623	0.35395	1.23108	1.23108	0.637169	0.901619	-1.10912	0.0385242	1.68625	1.68625	0.253754	1.29667	1.29667	0.527045	1.14993	1.14993
cg05870058	ELMOD2	0.244623	0.552618	0.7063	-1.41583	0.0203467	0.198172	-5.04612	0.287791	1.89418	1.89418	0.724513	0.814802	-1.22729	0.162471	0.42184	-2.37057
cg15185804	PGM3;RWDD2A	0.244632	0.713919	0.9407	-1.06304	0.112147	1.33268	1.33268	0.759942	1.0522	1.0522	0.170937	1.27387	1.27387	0.460036	1.13302	1.13302
cg01250842	ZFYVE28	0.244634	0.390024	2.09651	2.09651	0.0138104	12.9047	12.9047	0.0616282	5.86651	5.86651	0.31684	2.38614	2.38614	0.48613	1.8126	1.8126
cg05506446	CHRM4	0.244634	0.679783	1.33727	1.33727	0.53708	1.54905	1.54905	0.0431655	0.196134	-5.09855	0.920501	0.932485	-1.0724	0.49296	0.614122	-1.62834
cg08766099	PCGF3	0.24464	0.273388	0.590986	-1.69209	0.532775	1.33847	1.33847	0.150986	2.03426	2.03426	0.668108	0.819531	-1.22021	0.0656179	0.385438	-2.59445
cg23418208	ZFYVE21;XRCC3;XRCC3;XRCC3	0.24464	0.668218	0.840839	-1.18929	0.568575	0.793191	-1.26073	0.887825	0.944834	-1.05839	0.254358	0.619693	-1.6137	0.435346	0.726152	-1.37712
cg01785719	TSNARE1	0.244641	0.683732	1.48131	1.48131	0.876078	1.1615	1.1615	0.837904	0.821589	-1.21715	0.243687	3.2227	3.2227	0.215257	3.49516	3.49516
cg11650874	CHID1;CHID1;CHID1;CHID1;CHID1	0.244646	0.709817	0.877109	-1.14011	0.492968	1.27668	1.27668	0.708436	1.14086	1.14086	0.141149	0.573961	-1.74228	0.471344	0.773336	-1.2931
cg15917060	MSN	0.244648	0.176652	2.39422	2.39422	0.76544	1.19946	1.19946	0.577779	0.710488	-1.40748	0.306384	0.525345	-1.90351	0.299647	0.520284	-1.92203
cg14267151	MUTED	0.244649	0.297145	0.427429	-2.33957	0.712665	1.3376	1.3376	0.597992	0.658079	-1.51957	0.140756	0.287679	-3.47609	0.522923	1.66387	1.66387
cg07847097	MAP1S	0.244652	0.352283	1.29141	1.29141	0.179922	1.46302	1.46302	0.0136554	2.25914	2.25914	0.245018	1.38389	1.38389	0.58741	1.15762	1.15762
cg10398761	ACSF3;ACSF3;ACSF3	0.244659	0.573998	1.1372	1.1372	0.148571	1.42006	1.42006	0.175802	1.38515	1.38515	0.777422	0.937869	-1.06625	0.297764	1.27674	1.27674
cg05045028	AIFM1;AIFM1;AIFM1;AIFM1	0.24466	0.25556	0.252909	-3.954	0.059576	0.0852102	-11.7357	0.573054	0.517081	-1.93393	0.204805	4.7097	4.7097	0.887154	1.17875	1.17875
cg25456425	TSNARE1	0.244668	0.811109	1.07891	1.07891	0.0987947	0.563156	-1.77571	0.417631	0.768919	-1.30053	0.921555	1.03174	1.03174	0.138404	0.602856	-1.65877
cg06853894	TNFRSF8;TNFRSF8	0.244669	0.472649	0.65268	-1.53214	0.991515	1.00623	1.00623	0.087459	0.33221	-3.01014	0.877162	0.913614	-1.09455	0.298307	0.532745	-1.87707
cg27189824	TAT	0.244676	0.282799	0.478907	-2.08809	0.0442993	0.217821	-4.59093	0.029491	0.184307	-5.42573	0.377648	0.550353	-1.81702	0.863196	1.1205	1.1205
cg03964958	HOXD12	0.244676	0.648447	0.598586	-1.6706	0.171714	5.08678	5.08678	0.189515	4.72917	4.72917	0.760385	0.710361	-1.40773	0.823578	0.77908	-1.28357
cg06023487	ZSWIM6	0.24468	0.367584	0.351695	-2.84337	0.890275	0.855689	-1.16865	0.0894217	0.120701	-8.28492	0.711558	1.52096	1.52096	0.0831136	0.114608	-8.72538
cg14383760	C17orf42	0.244683	0.541355	1.52843	1.52843	0.263829	0.449685	-2.22378	0.110751	0.303509	-3.2948	0.290949	0.471449	-2.12112	0.0479566	0.211958	-4.71792
cg05843574	FAM98B;FAM98B	0.244685	0.662954	1.07405	1.07405	0.421275	0.874737	-1.1432	0.742853	0.947783	-1.05509	0.262061	0.826542	-1.20986	0.0344962	1.49431	1.49431
cg14576319	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	0.244686	0.237173	0.689794	-1.44971	0.34465	0.746853	-1.33895	0.837698	0.940348	-1.06344	0.973726	0.990173	-1.00993	0.859706	0.948331	-1.05448
cg12638558	GABRG3	0.244689	0.747352	0.780158	-1.28179	0.0269138	7.48528	7.48528	0.0464229	5.76707	5.76707	0.894009	0.902678	-1.10781	0.368092	0.49159	-2.03422
cg03091752	SHANK1	0.24469	0.742772	1.04649	1.04649	0.193627	1.20899	1.20899	0.0892731	1.29504	1.29504	0.891756	0.981389	-1.01896	0.85996	1.02467	1.02467
cg27200267	WNT5B	0.244691	0.858023	0.945545	-1.05759	0.481597	0.799576	-1.25066	0.0820631	0.547478	-1.82656	0.956829	1.01707	1.01707	0.109149	0.579103	-1.72681
cg15379237	B4GALT2;B4GALT2	0.244694	0.178492	1.31343	1.31343	0.417212	1.17132	1.17132	0.53479	0.887012	-1.12738	0.0651074	1.48439	1.48439	0.0842502	1.43953	1.43953
cg10596483	JRK;JRK	0.2447	0.413031	2.66077	2.66077	0.522741	2.13286	2.13286	0.398851	2.74568	2.74568	0.280548	3.71221	3.71221	0.11019	0.130577	-7.65834
cg26887085	CNR1;CNR1;CNR1;CNR1;CNR1	0.244703	0.84819	1.06802	1.06802	0.0128644	0.346239	-2.88818	0.221242	0.643052	-1.55508	0.665443	0.861236	-1.16112	0.564723	1.22127	1.22127
cg16447276	RAPH1;RAPH1	0.244703	0.597593	0.89653	-1.11541	0.459733	1.16688	1.16688	0.0342524	1.65943	1.65943	0.586237	0.893428	-1.11928	0.605444	1.11277	1.11277
cg12687343	PDCD7	0.244703	0.35745	2.64209	2.64209	0.113094	0.158818	-6.29653	0.839816	1.22648	1.22648	?	?	?	0.368455	2.57935	2.57935
cg16143502	DDX43	0.244704	0.210184	0.587192	-1.70302	0.135037	0.522268	-1.91472	0.334008	0.669156	-1.49442	0.255179	1.61441	1.61441	0.0901707	0.47098	-2.12323
cg07435647	MIR1278;CDC73	0.244711	0.690992	0.840169	-1.19024	0.0273233	3.12094	3.12094	0.143606	1.98365	1.98365	0.932675	1.03751	1.03751	0.696683	0.84304	-1.18618
cg11516654	NAV2;NAV2;NAV2	0.244712	0.755879	1.11121	1.11121	0.0135369	2.81045	2.81045	0.122481	1.76107	1.76107	0.39141	1.34571	1.34571	0.526172	1.24257	1.24257
cg19435621	PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A	0.244712	0.281595	0.410758	-2.43453	0.160887	3.3065	3.3065	0.768411	1.263	1.263	0.0522831	0.168568	-5.93234	0.249177	0.383465	-2.6078
cg07804617	DNAJB4	0.244716	0.311986	0.669874	-1.49282	0.369505	0.702544	-1.4234	0.644617	1.19473	1.19473	0.699096	0.861749	-1.16043	0.226992	0.615153	-1.62561
cg13547525	HCG9	0.244719	0.70987	1.19189	1.19189	0.544249	0.749534	-1.33416	0.818752	1.11384	1.11384	0.767027	1.14977	1.14977	0.918418	0.953014	-1.0493
cg01860297	BASP1	0.24472	0.979395	1.0076	1.0076	0.85736	1.05417	1.05417	0.422225	0.786327	-1.27173	0.581732	1.17719	1.17719	0.257337	0.707076	-1.41428
cg16874743	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SCN5A	0.244721	0.103318	0.703489	-1.42149	0.587907	1.11404	1.11404	0.0348287	0.615364	-1.62505	0.505854	0.875244	-1.14254	0.589414	0.89803	-1.11355
cg03710860	ZNF512B	0.244725	0.29827	0.747038	-1.33862	0.754835	0.918759	-1.08842	0.315955	1.32372	1.32372	0.788736	0.929931	-1.07535	0.013148	0.435312	-2.2972
cg10326224	METTL2A;METTL2A	0.244726	0.790791	0.935258	-1.06922	0.334121	1.28502	1.28502	0.17877	1.43275	1.43275	0.0453458	1.78235	1.78235	0.399815	1.24231	1.24231
cg27052428	ZBTB45	0.244727	0.351488	1.17741	1.17741	0.914933	1.01837	1.01837	0.291712	1.20483	1.20483	0.531826	1.1139	1.1139	0.839978	1.03504	1.03504
cg14868726	METTL4;NDC80;NDC80	0.244739	0.844278	0.980274	-1.02012	0.810627	0.975974	-1.02462	0.0380712	1.27582	1.27582	0.903821	1.01232	1.01232	0.803105	1.02563	1.02563
cg07360893	IFT80;SMC4;SMC4	0.24474	0.671418	1.32797	1.32797	0.774988	1.20977	1.20977	0.359526	1.87456	1.87456	0.0351611	0.188316	-5.31024	?	?	?
cg27392040	ARHGEF10	0.244748	0.142676	0.672222	-1.4876	0.345169	0.782644	-1.27772	0.380744	0.797219	-1.25436	0.927697	1.02314	1.02314	0.186679	0.702693	-1.4231
cg11459714	KLK10;KLK10;KLK10	0.244748	0.861204	1.04549	1.04549	0.761977	1.08027	1.08027	0.0252671	1.96629	1.96629	0.959026	0.987026	-1.01314	0.0525095	1.7513	1.7513
cg24955743	PANK4	0.244755	0.915122	1.05934	1.05934	0.0169914	4.82461	4.82461	0.202796	2.06877	2.06877	0.791868	0.866762	-1.15372	0.897417	1.07223	1.07223
cg18935832	RASA3	0.244755	0.387442	1.26714	1.26714	0.0197926	2.12137	2.12137	0.301841	1.33094	1.33094	0.763769	0.922605	-1.08389	0.160981	0.670214	-1.49206
cg12337559	HGFAC	0.244757	0.553738	0.633798	-1.57779	0.371275	2.01153	2.01153	0.416748	1.88104	1.88104	0.84208	1.164	1.164	0.0180771	0.112373	-8.89894
cg20343048	CLIC6	0.244758	0.118662	4.04199	4.04199	0.755063	1.29441	1.29441	0.358991	2.17656	2.17656	0.257696	2.64842	2.64842	0.190543	3.13623	3.13623
cg20894569	NBN	0.244758	0.759997	0.920029	-1.08692	0.0750135	0.583124	-1.7149	0.146212	0.654218	-1.52854	0.160438	0.665049	-1.50365	0.24098	1.39642	1.39642
cg07552087	MLST8	0.244758	0.262336	1.6018	1.6018	0.0295959	2.80801	2.80801	0.05187	2.4395	2.4395	0.396523	1.41906	1.41906	0.825893	1.09287	1.09287
cg20286200	EYA4;EYA4;EYA4	0.24476	0.537191	0.80187	-1.24708	0.114846	1.83299	1.83299	0.0582301	2.1306	2.1306	0.936387	1.02861	1.02861	0.22678	0.638607	-1.56591
cg16508101	PALM3	0.244762	0.397525	0.823833	-1.21384	0.0661359	0.630595	-1.5858	0.0376469	0.583094	-1.71499	0.99618	0.99893	-1.00107	0.969809	0.99157	-1.0085
cg04916311	PQLC3	0.244763	0.0482396	0.68558	-1.45862	0.238702	0.813538	-1.2292	0.598216	1.093	1.093	0.785446	0.955393	-1.04669	0.771436	1.04992	1.04992
cg21165027	NKX2-5;NKX2-5;NKX2-5	0.244765	0.0270044	5.40304	5.40304	0.427069	0.593083	-1.68611	0.805023	1.17273	1.17273	0.824735	0.866848	-1.1536	0.479751	0.629501	-1.58856
cg22242238	EFR3B	0.244766	0.142099	0.287491	-3.47837	0.0988963	4.17484	4.17484	0.256897	2.54622	2.54622	0.779751	0.801377	-1.24785	0.517499	0.595552	-1.67911
cg07870713	NRM	0.244766	0.309092	1.26561	1.26561	0.545233	1.14683	1.14683	0.916521	0.976811	-1.02374	0.801108	0.94508	-1.05811	0.962901	1.01046	1.01046
cg01655355	SLC5A5	0.244767	0.271701	0.455905	-2.19344	0.0267472	0.165019	-6.0599	0.0305009	0.174586	-5.72785	0.280461	0.462945	-2.16008	0.355054	0.520426	-1.9215
cg22377998	ARVCF	0.244768	0.695758	0.872303	-1.14639	0.47781	1.28516	1.28516	0.117295	1.80652	1.80652	0.292998	1.46116	1.46116	0.48993	0.783641	-1.2761
cg10881149	C6orf52;PAK1IP1;C6orf52;PAK1IP1;C6orf52	0.244772	0.185684	1.79321	1.79321	0.313277	1.54348	1.54348	0.167395	1.84497	1.84497	0.8218	0.91039	-1.09843	0.482847	0.743189	-1.34555
cg05460716	DUSP27	0.244773	0.539163	1.16659	1.16659	0.0818071	1.61278	1.61278	0.261738	1.33649	1.33649	0.275783	1.32443	1.32443	0.760067	1.07887	1.07887
cg02016419	TEKT3	0.244774	0.175667	0.505092	-1.97984	0.401304	1.50301	1.50301	0.456498	0.697883	-1.43291	0.492116	0.718254	-1.39226	0.222971	0.544768	-1.83564
cg09725546	PLXNA4;PLXNA4;PLXNA4	0.244776	0.139605	1.26821	1.26821	0.204555	0.818648	-1.22153	0.779909	0.958993	-1.04276	0.242003	1.20086	1.20086	0.838776	0.970009	-1.03092
cg12479630	PPP1R8;PPP1R8;PPP1R8;PPP1R8;PPP1R8	0.24478	0.952768	0.988813	-1.01131	0.971869	1.00672	1.00672	0.586589	0.900973	-1.10991	0.860404	1.034	1.034	0.435625	1.16307	1.16307
cg02600940	PARD3B;PARD3B;PARD3B	0.244783	0.0309505	0.587107	-1.70327	0.418839	0.840589	-1.18964	0.424132	1.1872	1.1872	0.190333	1.3385	1.3385	0.665551	1.09573	1.09573
cg02068690	DTNB;DTNB;DTNB;DTNB;DTNB	0.244783	0.0893953	0.67415	-1.48335	0.402574	0.834982	-1.19763	0.223213	0.763808	-1.30923	0.178302	1.35133	1.35133	0.0950316	0.679628	-1.47139
cg16801093	RBBP8;RBBP8;RBBP8	0.244785	0.642883	1.0914	1.0914	0.269926	1.24008	1.24008	0.0708011	0.68514	-1.45956	0.551438	1.11948	1.11948	0.662539	0.92104	-1.08573
cg00821098	ENTPD7	0.244798	0.764442	0.953083	-1.04923	0.109926	1.32131	1.32131	0.522005	1.10934	1.10934	0.77558	0.955325	-1.04676	0.450059	0.884203	-1.13096
cg27376271	CBLN2	0.244799	0.355597	0.830893	-1.20352	0.0304159	0.608963	-1.64214	0.112465	0.713999	-1.40056	0.64552	0.913659	-1.0945	0.502683	0.875801	-1.14181
cg00783244	WDR46;WDR46	0.244805	0.0131562	0.423619	-2.36061	0.0789584	0.579848	-1.72459	0.26112	0.720777	-1.38739	0.649256	0.879923	-1.13646	0.489209	0.821785	-1.21686
cg19453686	TC2N	0.244805	0.0925703	0.351349	-2.84617	0.274557	0.526011	-1.9011	0.170115	0.437944	-2.28339	0.935095	0.955018	-1.0471	0.0714694	0.320625	-3.11891
cg01081930	TGFBR3	0.244807	0.290998	0.574455	-1.74078	0.179115	0.48579	-2.0585	0.129539	0.436685	-2.28998	0.303552	0.58328	-1.71444	0.964084	1.02304	1.02304
cg18882971	SMEK1	0.244809	0.0255023	0.6139	-1.62893	0.627692	0.914083	-1.09399	0.188081	0.773841	-1.29225	0.421953	1.16275	1.16275	0.305673	1.21527	1.21527
cg09656239	MRPL39;MRPL39	0.244809	0.374642	1.91525	1.91525	?	?	?	0.100417	3.82595	3.82595	0.899657	1.09249	1.09249	0.644447	1.38715	1.38715
cg25140345	PANK4	0.244816	0.700785	0.896896	-1.11496	0.850441	0.948192	-1.05464	0.328689	0.752676	-1.32859	0.611838	0.865695	-1.15514	0.00996556	0.399644	-2.50223
cg05136179	GLT8D1;SPCS1;GLT8D1	0.244827	0.136671	1.22257	1.22257	0.339235	1.1314	1.1314	0.239213	0.85686	-1.16705	0.924315	1.01198	1.01198	0.794982	0.967889	-1.03318
cg01898337	TMEM132C	0.244829	0.515854	0.819119	-1.22082	0.583417	1.18261	1.18261	0.344351	0.744543	-1.34311	0.80024	1.07981	1.07981	0.79478	1.08214	1.08214
cg06693667	GNAS;GNAS;GNAS;GNASAS	0.244834	0.528572	1.1281	1.1281	0.876222	0.971002	-1.02986	0.467453	0.869719	-1.1498	0.783741	0.949389	-1.05331	0.661444	1.08675	1.08675
cg26445779	SHROOM2	0.244837	0.0613563	0.326283	-3.06482	0.172065	0.461928	-2.16484	0.292382	0.559664	-1.78678	0.104325	2.56875	2.56875	0.629054	0.772113	-1.29515
cg00031235	PPP1R3F	0.244839	0.420696	1.87641	1.87641	0.652129	1.41508	1.41508	0.384434	0.505471	-1.97835	0.737727	0.773275	-1.2932	0.0332545	0.148987	-6.712
cg01574231	UNC13D	0.244843	0.111817	0.482553	-2.07231	0.29791	1.57469	1.57469	0.636549	1.22176	1.22176	0.711697	1.16907	1.16907	0.0540558	0.398471	-2.50959
cg03392100	C6orf26	0.244848	0.046055	0.11145	-8.97262	0.195838	0.269038	-3.71694	0.174635	0.250121	-3.99807	0.242629	0.30924	-3.23373	0.0397194	0.102038	-9.80027
cg11053561	CHID1;CHID1;CHID1;CHID1;CHID1	0.244857	0.586403	1.21019	1.21019	0.832816	0.929221	-1.07617	0.0276729	2.46955	2.46955	0.106428	1.84454	1.84454	0.377581	1.36945	1.36945
cg11748882	ZNF136	0.244861	0.204595	0.687474	-1.4546	0.399342	1.2732	1.2732	0.0358569	1.98082	1.98082	0.750546	1.0934	1.0934	0.64429	0.877962	-1.139
cg22843111	CMYA5	0.244871	0.221327	0.330788	-3.02309	0.038939	0.12784	-7.82225	0.0742808	0.180602	-5.53704	0.580111	0.618251	-1.61746	0.201058	0.312865	-3.19627
cg24892148	KILLIN;KILLIN	0.244876	0.916222	1.01934	1.01934	0.100428	0.720608	-1.38772	0.713564	0.935078	-1.06943	0.543518	1.11846	1.11846	0.516968	0.887253	-1.12707
cg24933925	C6orf57	0.244876	0.359996	0.83344	-1.19985	0.755192	0.941245	-1.06242	0.783225	1.05484	1.05484	0.361499	0.833941	-1.19913	0.616939	0.906985	-1.10255
cg04269641	GRN	0.244876	0.962546	1.00595	1.00595	0.387047	1.11848	1.11848	0.72435	0.956272	-1.04573	0.591021	1.0709	1.0709	0.171929	1.20157	1.20157
cg01623984	GCN1L1	0.244879	0.742042	1.0601	1.0601	0.413825	1.15906	1.15906	0.659003	1.08163	1.08163	0.770876	0.94971	-1.05295	0.280625	1.21915	1.21915
cg06609098	C11orf66;C11orf66	0.244881	0.325157	1.50768	1.50768	0.884894	1.06028	1.06028	0.149999	0.535993	-1.86569	0.719855	1.15666	1.15666	0.0175728	0.310934	-3.21612
cg05164933	SFRP2	0.244888	0.46114	1.23819	1.23819	0.0887114	0.585838	-1.70696	0.502591	1.2138	1.2138	0.587004	0.855405	-1.16904	0.245777	0.707737	-1.41295
cg13361023	ATP10A	0.24489	0.203361	0.544222	-1.83749	0.0329595	3.09607	3.09607	0.830593	1.10195	1.10195	0.738548	0.859172	-1.16391	0.191297	0.53424	-1.87182
cg08949650	TMEM63B	0.244892	0.705776	0.922108	-1.08447	0.754675	1.06932	1.06932	0.0579201	0.632332	-1.58145	0.833162	1.04613	1.04613	0.901032	0.973751	-1.02696
cg15780870	RIMBP2	0.2449	0.293766	1.32483	1.32483	0.741967	1.08909	1.08909	0.759413	0.923725	-1.08257	0.830168	0.946032	-1.05705	0.362652	0.78532	-1.27337
cg13846555	PSMB10;PSMB10	0.244902	0.0781718	0.706136	-1.41616	0.76735	0.948618	-1.05416	0.208254	1.26604	1.26604	0.281606	0.819583	-1.22013	0.389582	0.854906	-1.16972
cg01115058	MFSD3	0.244915	0.982315	0.994066	-1.00597	0.986096	0.995332	-1.00469	0.884927	1.03965	1.03965	0.747989	1.09041	1.09041	0.352627	1.29282	1.29282
cg23906261	GFRA1;GFRA1;GFRA1	0.244921	0.575662	2.05173	2.05173	0.586758	2.00868	2.00868	0.733323	1.54438	1.54438	0.454094	0.37942	-2.6356	0.641402	1.81502	1.81502
cg14310730	C9orf156	0.244922	0.521205	0.781902	-1.27893	0.768582	0.894368	-1.11811	0.698355	0.862991	-1.15876	0.688616	0.858628	-1.16465	0.559965	1.24985	1.24985

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13538517	0.437135	0.845696	-1.18246	0.116239	0.697039	-1.43464	0.549116	1.13674	1.13674	0.0357966	0.596626	-1.67609	1.65576	1.17229	0.62934	1
cg06446895	0.0357175	0.655206	-1.52624	0.258013	0.815314	-1.22652	0.25237	0.813153	-1.22978	0.143242	0.761753	-1.31276	1.65576	0.784781	0.421306	1
cg09459868	0.111382	0.373595	-2.6767	0.246225	0.50232	-1.99076	0.954015	1.03328	1.03328	0.262055	0.514791	-1.94254	1.65575	8.45347	4.53825	1
cg04902286	0.114523	0.638439	-1.56632	0.121188	0.64448	-1.55164	0.135326	0.656501	-1.52323	0.610722	0.874406	-1.14363	1.65573	1.79221	0.96216	1
cg02727484	0.360168	1.63924	1.63924	0.0669909	0.340044	-2.94079	0.975469	1.01628	1.01628	0.106411	0.396042	-2.52499	1.65573	7.2375	3.8855	1
cg07308257	0.910142	0.951943	-1.05048	0.31279	0.634156	-1.5769	0.0934457	0.447146	-2.23641	0.0981677	0.453244	-2.20632	1.65571	4.9901	2.679	1
cg08522107	0.0803944	0.454698	-2.19926	0.318063	0.657457	-1.52101	0.814595	1.10016	1.10016	0.486515	1.33285	1.33285	1.6557	4.3303	2.32479	1
cg26232708	0.356732	0.836528	-1.19542	0.421984	1.16703	1.16703	0.124219	1.36816	1.36816	0.0289107	1.62428	1.62428	1.65568	0.929856	0.499212	1
cg07734359	0.36076	1.202	1.202	0.00896557	1.91719	1.91719	0.415297	1.1771	1.1771	0.131241	1.37587	1.37587	1.65567	1.00555	0.539856	1
cg16535510	0.62099	1.24151	1.24151	0.657584	0.823967	-1.21364	0.814104	0.902816	-1.10765	0.211081	0.564447	-1.77164	1.65565	4.94	2.6522	1
cg18050804	0.467435	0.70225	-1.424	0.0786169	0.393054	-2.54418	0.0511998	0.345966	-2.89046	0.315499	1.64237	1.64237	1.65564	5.99227	3.21716	1
cg03672499	0.046002	0.434361	-2.30223	0.987561	0.994331	-1.0057	0.0916758	0.508048	-1.96832	0.884242	0.948263	-1.05456	1.6556	3.48656	1.87192	1
cg11678118	0.315247	0.474046	-2.1095	0.549923	0.647371	-1.54471	0.82653	0.854046	-1.1709	0.284097	0.449377	-2.2253	1.65559	13.5485	7.2742	1
cg21665078	0.67221	0.784227	-1.27514	?	?	?	0.268965	1.95984	1.95984	?	?	?	1.92638	5.035	2.61371	1
cg20053637	0.536218	0.782528	-1.27791	0.178006	0.57101	-1.75128	0.370723	0.697775	-1.43313	0.0648869	0.44413	-2.2516	1.65554	4.01899	2.15786	1
cg08514735	0.602926	0.893258	-1.1195	0.51836	1.15123	1.15123	0.944477	0.985131	-1.01509	0.255783	1.29066	1.29066	1.65553	1.21295	0.651259	1
cg16405575	0.208895	0.777882	-1.28554	0.10361	0.713541	-1.40146	0.529492	1.12839	1.12839	0.384247	0.844365	-1.18432	1.65552	0.942766	0.506192	1
cg07336637	0.139264	0.729963	-1.36993	0.285773	1.24519	1.24519	0.791605	0.948966	-1.05378	0.900299	1.0251	1.0251	1.65552	1.0259	0.550831	1
cg22982811	0.383895	0.542479	-1.84339	0.267901	0.453596	-2.2046	0.180739	0.377747	-2.64727	0.896347	1.09339	1.09339	1.65552	12.3033	6.60595	1
ch.12.1284972I	0.255042	0.3668	-2.72628	0.393994	0.4786	-2.08943	0.960214	0.958772	-1.043	0.23753	0.351925	-2.84152	1.6555	18.6764	10.0279	1
cg26856604	0.157961	2.65389	2.65389	0.057681	4.00553	4.00553	0.0508207	4.21447	4.21447	0.0659248	3.79605	3.79605	1.65549	10.9601	5.88482	1
cg24001514	0.757051	0.930643	-1.07453	0.131792	0.68604	-1.45764	0.43598	1.20213	1.20213	0.928418	0.979402	-1.02103	1.65549	1.40686	0.75539	1
cg18691434	0.805096	1.22427	1.22427	0.649377	0.687561	-1.45442	0.172457	3.28211	3.28211	0.39328	2.04567	2.04567	1.65549	17.5631	9.43025	1
cg25668922	0.695414	1.07428	1.07428	0.301232	0.822785	-1.21538	0.24558	0.801583	-1.24753	0.920174	1.01842	1.01842	1.65547	0.869508	0.466874	1
cg22055337	0.293538	2.03664	2.03664	0.239606	2.23422	2.23422	0.463702	1.62726	1.62726	0.933313	0.946831	-1.05615	1.65546	11.1736	5.99963	1
cg06392126	0.414502	0.545289	-1.83389	0.838005	1.16048	1.16048	0.608005	1.45664	1.45664	0.389776	0.526904	-1.89788	1.65542	13.8583	7.44131	1
cg10366028	0.678845	0.909332	-1.09971	0.523528	1.15903	1.15903	0.271733	0.770142	-1.29846	0.779013	0.9378	-1.06632	1.65541	1.36627	0.733632	1
cg27649897	0.578523	0.819221	-1.22067	0.101387	1.8914	1.8914	0.68219	1.15753	1.15753	0.482972	0.776205	-1.28832	1.65538	3.31004	1.77739	1
cg12743743	0.48889	0.891155	-1.12214	0.584813	0.913536	-1.09465	0.923911	0.984464	-1.01578	0.48111	1.12454	1.12454	1.65536	0.704325	0.378206	1
cg01975706	0.725601	1.11359	1.11359	0.00810697	2.81515	2.81515	0.883177	0.956101	-1.04591	0.542008	1.20739	1.20739	1.65535	2.4438	1.31227	1
cg00390769	0.712021	0.770751	-1.29744	0.0132788	0.115917	-8.62687	0.269458	2.2426	2.2426	0.354055	1.95348	1.95348	1.65535	12.9303	6.94331	1
cg20219381	0.971822	1.01518	1.01518	0.141477	1.96249	1.96249	0.0935719	2.1955	2.1955	0.0372905	2.80323	2.80323	1.65535	4.7672	2.5599	1
cg06818327	0.846656	1.06829	1.06829	0.454522	1.29683	1.29683	0.569337	0.821832	-1.21679	0.991829	0.996512	-1.0035	1.65534	3.05196	1.63885	1
cg09241097	0.333194	0.820418	-1.21889	0.696911	0.925319	-1.08071	0.656929	0.915172	-1.09269	0.386816	1.19233	1.19233	1.65533	1.0309	0.553578	1
cg22133882	0.572771	0.777774	-1.28572	0.112119	0.46631	-2.14449	0.893551	1.06082	1.06082	0.421452	0.696168	-1.43643	1.65532	5.09864	2.73792	1
cg10016783	0.11481	0.186909	-5.3502	0.91265	1.11329	1.11329	0.868891	1.17535	1.17535	0.994235	1.00709	1.00709	1.65531	25.0755	13.4653	1
cg09462445	0.644119	1.23366	1.23366	0.324694	0.631846	-1.58267	0.507842	0.7384	-1.35428	0.836221	0.910787	-1.09795	1.65531	5.34234	2.8688	1
cg25995995	0.238412	1.30889	1.30889	0.330152	1.2449	1.2449	0.114634	1.45357	1.45357	0.0497902	1.62869	1.62869	1.65529	1.24571	0.668944	1
cg05870058	0.673393	0.78241	-1.2781	?	?	?	0.602363	1.35561	1.35561	0.640563	0.761718	-1.31282	1.66037	7.83081	4.71631	1
cg15185804	0.533163	1.11048	1.11048	0.114453	0.75198	-1.32982	0.0997488	0.741186	-1.34919	0.7449	0.947238	-1.0557	1.65526	0.722645	0.388067	1
cg01250842	0.69858	1.38685	1.38685	0.883826	0.884367	-1.13075	0.664166	1.4436	1.4436	0.882359	0.882984	-1.13252	1.65525	18.5169	9.94382	1
cg05506446	0.946415	1.04819	1.04819	0.308879	0.478338	-2.09057	0.0875685	0.266993	-3.74542	0.06804	0.239081	-4.18269	1.65525	12.8539	6.90268	1
cg08766099	0.331772	0.629997	-1.58731	0.0915355	0.424283	-2.35692	0.607374	0.787297	-1.27017	0.26407	0.584403	-1.71115	1.65523	5.58163	2.99744	1
cg23418208	0.302224	0.650697	-1.53681	0.0326909	2.73145	2.73145	0.931744	0.966144	-1.03504	0.0961457	0.47969	-2.08468	1.65523	4.23774	2.27575	1
cg01785719	0.309041	2.74551	2.74551	0.0301689	11.538	11.538	0.0474508	8.80546	8.80546	0.158382	4.24853	4.24853	1.65522	24.1269	12.9567	1
cg11650874	0.22456	0.639198	-1.56446	0.0299049	2.45038	2.45038	0.739238	1.12433	1.12433	0.464986	0.77038	-1.29806	1.6552	3.22622	1.73257	1
cg15917060	0.0358523	4.41148	4.41148	0.757864	1.20679	1.20679	0.850529	0.891659	-1.1215	0.208225	0.446417	-2.24006	1.6552	9.68596	5.20164	1
cg14267151	0.687013	1.37508	1.37508	0.0197988	0.109413	-9.13967	0.387833	2.00574	2.00574	0.719371	0.752976	-1.32806	1.65519	16.2102	8.70536	1
cg07847097	0.510789	1.19508	1.19508	0.08827	1.65287	1.65287	0.99049	0.996821	-1.00319	0.343009	1.29823	1.29823	1.65518	1.87121	1.0049	1
cg10398761	0.193827	0.732591	-1.36502	0.590208	1.13095	1.13095	0.0852545	0.650088	-1.53825	0.389378	0.819018	-1.22097	1.65515	1.34293	0.721211	1
cg05045028	0.0579883	0.0835693	-11.9661	0.636528	1.73556	1.73556	0.607481	1.82231	1.82231	0.815661	1.31059	1.31059	1.65515	35.1654	18.8854	1
cg25456425	0.0615573	0.512699	-1.95046	0.937037	1.02538	1.02538	0.200317	0.651059	-1.53596	0.0556128	0.502536	-1.98991	1.65512	2.63812	1.41681	1
cg06853894	0.542403	1.43359	1.43359	0.0231357	0.204714	-4.88487	0.459196	1.55302	1.55302	0.295736	0.530826	-1.88386	1.65512	8.94317	4.80297	1
cg27189824	0.696026	1.29566	1.29566	0.188909	0.399219	-2.50489	0.34631	0.52739	-1.89613	0.577728	0.690035	-1.4492	1.65509	11.4083	6.12701	1
cg03964958	0.637104	0.587863	-1.70108	0.952677	0.935802	-1.0686	0.0148012	28.577	28.577	0.604634	1.79309	1.79309	1.65509	32.764	17.5964	1
cg06023487	0.781488	1.36883	1.36883	0.164833	5.32839	5.32839	0.19957	4.61917	4.61917	0.576515	1.89088	1.89088	1.65507	33.416	17.9467	1
cg14383760	0.870672	1.11829	1.11829	0.0651477	0.241533	-4.14023	0.889802	1.09979	1.09979	0.288459	0.469479	-2.13002	1.65506	12.3409	6.62798	1
cg05843574	0.818018	1.03826	1.03826	0.0923255	0.73949	-1.35228	0.840519	1.03337	1.03337	0.431418	1.13975	1.13975	1.65506	0.69558	0.373579	1
cg14576319	0.195814	0.663508	-1.50714	0.0543841	0.519664	-1.92432	0.0631304	1.87157	1.87157	0.91148	0.967202	-1.03391	1.65505	2.35703	1.26591	1
cg12638558	0.884771	1.11783	1.11783	0.72895	1.3063	1.3063	0.79538	0.819042	-1.22094	0.844296	0.859816	-1.16304	1.65504	15.4648	8.30581	1
cg03091752	0.0190241	1.47953	1.47953	0.847448	0.973776	-1.02693	0.292944	1.16246	1.16246	0.580093	0.925791	-1.08016	1.65503	0.499042	0.268026	1
cg27200267	0.23565	0.677984	-1.47496	0.0963423	0.564996	-1.76992	0.154458	1.61062	1.61062	0.400107	0.763884	-1.3091	1.65503	2.56301	1.37655	1
cg15379237	0.134052	1.36096	1.36096	0.504252	0.87875	-1.13798	0.819988	0.957457	-1.04443	0.227104	1.27362	1.27362	1.65502	0.953557	0.512142	1
cg10596483	0.329034	3.24781	3.24781	0.332713	0.310836	-3.21713	0.0538925	12.9249	12.9249	0.601709	0.540206	-1.85114	1.655	35.8416	19.2503	1
cg26887085	0.834203	1.07463	1.07463	0.333535	1.40847	1.40847	0.488269	0.785233	-1.27351	0.98549	0.993775	-1.00626	1.65499	3.09053	1.65992	1
cg16447276	0.505665	1.14852	1.14852	0.173764	1.34544	1.34544	0.75726	0.93841	-1.06563	0.119597	0.707314	-1.4138	1.65499	1.10194	0.591851	1
cg12687343	0.072557	0.113556	-8.80621	?	?	?	0.608053	1.68925	1.68925	0.551108	1.84499	1.84499	1.92276	22.0787	8.20201	1
cg16143502	0.319459	1.51408	1.51408	0.971246	1.01464	1.01464	0.401131	1.41409	1.41409	0.39836	1.41712	1.41712	1.65498	4.26083	2.28848	1
cg07435647	0.841917	1.09094	1.09094	0.738356	0.864056	-1.15733	0.521142	0.753179	-1.32771	0.142936	0.503457	-1.98627	1.65495	4.9795	2.67453	1
cg11516654	0.313469	1.42264	1.42264	0.0827022	1.91515	1.91515	0.567039	1.21609	1.21609	0.404103	1.33465	1.33465	1.65495	2.99682	1.60962	1
cg19435621	0.497018	1.72688	1.72688	0.474797	1.77885	1.77885	0.406175	0.509649	-1.96214	0.347993	2.15367	2.15367	1.71489	16.6116	7.5341	1
cg07804617	0.887353	0.947152	-1.0558	0.00962943	0.285002	-3.50875	0.866243	0.937464	-1.06671	0.261553	0.638584	-1.56596	1.65494	3.84618	2.06584	1
cg13547525	0.884086	1.07093	1.07093	0.674182	0.819861	-1.21972	0.397136	1.50272	1.50272	0.00729968	5.07891	5.07891	1.65492	5.78325	3.10628	1
cg01860297	0.27162	1.39873	1.39873	0.0159268	2.37632	2.37632	0.65547	0.876623	-1.14074	0.489595	1.22852	1.22852	1.65492	2.25346	1.21038	1
cg16874743	0.349634	0.826919	-1.20931	0.41745	1.17771	1.17771	0.100974	0.701479	-1.42556	0.926103	1.01848	1.01848	1.65492	1.02127	0.548545	1
cg03710860	0.709817	0.90384	-1.10639	0.409476	1.2563	1.2563	0.932852	1.02306	1.02306	0.391422	0.788584	-1.2681	1.6549	1.91765	1.03002	1
cg10326224	0.850575	1.04862	1.04862	0.0946598	0.62975	-1.58793	0.677876	0.900187	-1.11088	0.588775	0.871619	-1.14729	1.6549	1.66102	0.892179	1
cg27052428	0.620621	1.0887	1.0887	0.0542457	0.689312	-1.45072	0.0651273	0.702785	-1.42291	0.408633	1.15482	1.15482	1.65489	0.760337	0.408398	1
cg14868726	0.14565	0.853613	-1.17149	0.770538	0.970805	-1.03007	0.313111	1.11149	1.11149	0.0830543	1.2146	1.2146	1.65485	0.269003	0.144493	1
cg07360893	0.175803	0.380922	-2.62521	0.328022	1.96173	1.96173	0.432815	0.586667	-1.70454	0.605462	1.41419	1.41419	1.719	10.4507	5.31956	1
cg27392040	0.87111	1.04178	1.04178	0.0597381	1.70834	1.70834	0.743016	1.08647	1.08647	0.140741	0.67073	-1.49091	1.65481	1.66522	0.894478	1
cg11459714	0.207358	1.40207	1.40207	0.748023	1.08537	1.08537	0.630256	1.1312	1.1312	0.105867	1.56666	1.56666	1.65481	1.69315	0.909485	1
cg24955743	0.826018	0.887785	-1.1264	0.327737	0.57914	-1.7267	0.157687	2.26327	2.26327	0.984705	1.01042	1.01042	1.65479	7.66124	4.11533	1
cg18935832	0.818312	1.06343	1.06343	0.281538	1.34866	1.34866	0.592789	1.1552	1.1552	0.857871	0.95322	-1.04908	1.65479	1.87202	1.00558	1
cg12337559	0.425689	0.53834	-1.85756	0.159311	0.318217	-3.14251	0.819909	0.840634	-1.18958	0.37935	0.503303	-1.98687	1.65478	15.1891	8.15903	1
cg20343048	0.77888	1.26126	1.26126	0.023344	9.34248	9.34248	0.638792	1.47675	1.47675	0.0563437	5.94081	5.94081	1.65478	17.8201	9.57236	1
cg20894569	0.182534	0.680569	-1.46936	0.7751	0.925034	-1.08104	0.0779481	0.586939	-1.70375	0.754837	0.918317	-1.08895	1.65478	1.93937	1.04176	1
cg07552087	0.665708	1.19151	1.19151	0.32304	1.50904	1.50904	0.0687193	2.27343	2.27343	0.356877	1.46519	1.46519	1.65478	4.25878	2.28767	1
cg20286200	0.479651	0.775737	-1.2891	0.144694	0.57487	-1.73952	0.761543	1.11355	1.11355	0.998711	0.999429	-1.00057	1.65477	3.27298	1.75814	1
cg16508101	0.780013	1.06464	1.06464	0.515365	1.159	1.159	0.132656	0.695616	-1.43757	0.22532	0.752118	-1.32958	1.65476	1.31144	0.704466	1
cg04916311	0.044371	1.47133	1.47133	0.983045	1.00356	1.00356	0.906537	0.98055	-1.01984	0.605777	0.916619	-1.09097	1.65476	0.732913	0.3937	1
cg21165027	0.174952	0.394784	-2.53303	0.275739	0.481687	-2.07604	0.315539	1.95143	1.95143	0.912082	1.07375	1.07375	1.65475	10.8771	5.84291	1
cg22242238	0.897908	0.903584	-1.1067	0.137938	0.283172	-3.53143	0.909417	0.914028	-1.09406	0.119535	0.263376	-3.79685	1.65475	16.3491	8.78234	1
cg07870713	0.0107135	0.487872	-2.04972	0.385883	0.819616	-1.22008	0.514128	0.862386	-1.15957	0.796362	1.05958	1.05958	1.65474	1.31235	0.704961	1
cg01655355	0.176968	0.373373	-2.67828	0.641006	0.724424	-1.38041	0.368644	0.530531	-1.8849	0.414362	0.563949	-1.77321	1.65474	12.3503	6.63431	1
cg22377998	0.787921	0.910526	-1.09827	0.0563801	0.471871	-2.11922	0.128451	0.564831	-1.77044	0.876511	1.05555	1.05555	1.65474	3.16708	1.70129	1
cg10881149	0.0500372	0.39457	-2.5344	0.887988	1.0604	1.0604	0.380802	0.687899	-1.4537	0.321923	0.653218	-1.53088	1.65472	4.53883	2.43819	1
cg05460716	0.964916	0.989158	-1.01096	0.0151741	2.09437	2.09437	0.196907	1.4023	1.4023	0.961894	1.01191	1.01191	1.65472	1.60971	0.86471	1
cg02016419	0.146208	2.09565	2.09565	0.0655473	2.66534	2.66534	0.680869	0.821886	-1.21671	0.640999	0.800313	-1.24951	1.65471	5.89609	3.16729	1
cg09725546	0.375901	1.14548	1.14548	0.231517	1.20632	1.20632	0.0683082	1.35673	1.35673	0.129712	1.2772	1.2772	1.65471	0.585478	0.314512	1
cg12479630	0.0899163	0.701168	-1.42619	0.0347982	0.626719	-1.59561	0.474976	1.14795	1.14795	0.210216	1.28501	1.28501	1.65469	0.945255	0.507784	1
cg02600940	0.359589	0.820358	-1.21898	0.226451	1.30602	1.30602	0.886845	1.03038	1.03038	0.641248	0.906062	-1.10368	1.65468	1.1581	0.622126	1
cg02068690	0.317637	1.24293	1.24293	0.925691	0.980552	-1.01983	0.431931	1.18395	1.18395	0.84194	0.958837	-1.04293	1.65468	1.16154	0.623977	1
cg16801093	0.7569	0.943498	-1.05989	0.0574805	0.668696	-1.49545	0.568519	0.897669	-1.114	0.227952	1.2675	1.2675	1.65467	0.919431	0.493918	1
cg00821098	0.970636	1.0059	1.0059	0.0280062	0.660297	-1.51447	0.219403	0.813417	-1.22938	0.412153	0.874519	-1.14349	1.65462	0.670033	0.359952	1
cg27376271	0.081747	0.686561	-1.45653	0.057821	0.658274	-1.51913	0.515559	0.879385	-1.13716	0.660235	0.917374	-1.09007	1.65462	0.995978	0.535056	1
cg00783244	0.497118	0.824805	-1.21241	0.645338	0.878556	-1.13823	0.618377	0.869091	-1.15063	0.136195	0.638533	-1.56609	1.6546	2.04542	1.09885	1
cg19453686	0.654107	1.29028	1.29028	0.495245	1.47894	1.47894	0.319932	0.559461	-1.78743	0.0775427	0.329983	-3.03046	1.6546	8.36808	4.49554	1
cg01081930	0.0598411	0.341561	-2.92773	0.0410892	0.303507	-3.29481	0.380334	0.634295	-1.57655	0.107268	0.410927	-2.43352	1.65459	6.7064	3.60286	1
cg18882971	0.650833	0.919658	-1.08736	0.273487	0.811007	-1.23303	0.551985	1.11696	1.11696	0.367395	0.843497	-1.18554	1.65458	0.885426	0.475676	1
cg09656239	0.617067	1.42659	1.42659	?	?	?	0.056337	0.192188	-5.20325	0.646741	1.38394	1.38394	1.92217	10.6784	3.96815	1
cg25140345	0.285712	0.73163	-1.36681	0.688657	1.12021	1.12021	0.415141	1.26459	1.26459	0.587453	0.856946	-1.16693	1.65455	2.08132	1.11816	1
cg05136179	0.222319	1.17439	1.17439	0.731388	0.95773	-1.04414	0.0289749	1.38082	1.38082	0.382466	1.1188	1.1188	1.65451	0.411632	0.221149	1
cg01898337	0.279167	0.711236	-1.406	0.865828	1.05255	1.05255	0.477127	0.803387	-1.24473	0.0098653	0.372467	-2.6848	1.65451	2.40338	1.29122	1
cg06693667	0.64946	1.09023	1.09023	0.00893114	1.87377	1.87377	0.983375	1.00394	1.00394	0.257038	1.25022	1.25022	1.65448	0.933915	0.501756	1
cg26445779	0.234411	0.51568	-1.93919	0.657735	1.26733	1.26733	0.949552	0.96694	-1.03419	0.52774	1.40485	1.40485	1.65447	7.39736	3.97433	1
cg00031235	0.126732	3.53868	3.53868	0.400529	1.93162	1.93162	0.736341	1.29504	1.29504	0.322803	0.457791	-2.1844	1.65447	15.3371	8.24012	1
cg01574231	0.81986	1.10074	1.10074	0.157244	1.88982	1.88982	0.32792	0.653812	-1.52949	0.960603	1.021	1.021	1.65445	4.63965	2.49275	1
cg03392100	0.129287	0.207391	-4.82181	0.213184	0.284155	-3.51921	0.377835	0.419588	-2.38329	0.215122	0.285827	-3.49862	1.65443	24.1379	12.9687	1
cg11053561	0.367385	1.37927	1.37927	0.0613686	2.07918	2.07918	0.996091	1.0017	1.0017	0.75536	0.897142	-1.11465	1.6544	3.1599	1.69778	1
cg11748882	0.705866	1.11198	1.11198	0.252293	0.715507	-1.39761	0.168534	1.50793	1.50793	0.432869	1.25114	1.25114	1.65438	2.05332	1.10323	1
cg22843111	0.073309	0.179329	-5.57633	0.170867	0.285123	-3.50726	0.537704	0.584506	-1.71085	0.903455	1.11007	1.11007	1.65434	19.4023	10.4249	1
cg24892148	0.661123	1.08363	1.08363	0.0460115	1.51639	1.51639	0.150358	0.755259	-1.32405	0.391143	0.852167	-1.17348	1.65433	0.868534	0.466673	1
cg24933925	0.0693852	0.674852	-1.48181	0.0119974	0.54515	-1.83436	0.543724	0.887826	-1.12635	0.524638	0.88266	-1.13294	1.65432	0.981978	0.527628	1
cg04269641	0.894125	1.01696	1.01696	0.0186211	1.43366	1.43366	0.0888563	1.26744	1.26744	0.191526	1.19079	1.19079	1.65432	0.417834	0.224507	1
cg01623984	0.891236	1.02447	1.02447	0.133595	1.33095	1.33095	0.122028	0.74368	-1.34466	0.0536624	0.678976	-1.47281	1.65431	0.818015	0.439533	1
cg06609098	0.40798	1.40779	1.40779	0.677256	0.844388	-1.18429	0.828818	0.916216	-1.09145	0.574097	0.794946	-1.25795	1.6543	4.27856	2.29895	1
cg05164933	0.142789	1.56603	1.56603	0.953303	1.01682	1.01682	0.0917949	1.69655	1.69655	0.462143	1.23758	1.23758	1.65428	2.1246	1.1416	1
cg13361023	0.815412	0.899458	-1.11178	0.131012	0.477668	-2.0935	0.69337	0.835635	-1.19669	0.755977	0.868269	-1.15172	1.65427	5.37937	2.89049	1
cg08949650	0.168917	1.36805	1.36805	0.0448106	1.63626	1.63626	0.728434	0.928185	-1.07737	0.690173	0.917899	-1.08944	1.65426	1.19766	0.643539	1
cg15780870	0.0977507	0.625482	-1.59877	0.0627401	1.7175	1.7175	0.170072	0.685619	-1.45854	0.498684	1.19411	1.19411	1.65423	1.74786	0.939197	1
cg13846555	0.568965	1.10777	1.10777	0.156142	1.30964	1.30964	0.913083	1.0196	1.0196	0.158767	1.30711	1.30711	1.65423	0.82824	0.44505	1
cg01115058	0.155908	1.50326	1.50326	0.0107176	2.3658	2.3658	0.238551	1.393	1.393	0.239167	1.39234	1.39234	1.65418	1.88887	1.015	1
cg23906261	0.744273	1.51586	1.51586	0.0575397	15.3268	15.3268	0.135964	7.70535	7.70535	0.0240338	30.5903	30.5903	1.65415	42.3125	22.7374	1
cg14310730	0.0138159	0.316208	-3.16247	0.38845	1.39716	1.39716	0.783291	1.10995	1.10995	0.244551	1.58506	1.58506	1.65415	3.75067	2.01549	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg14088103	HCCA2	0.224924	0.115581	1.32948	0.035097	1.6068222	1.40061	1.40061	0.798278	1.18083	1.18123	1.5071	2.5071	0.742793	1.23828	1.23828	0.253047	2.70116	2.17016	0.0850576	1.44124	1.44124	0.1204422	2.98404	2.98404	0.4443747	1.650995	1.65414	11.0357	5.93028	1
cg27566062	ROBO1;ROBO1;ROBO1;ROBO1	0.224926	0.780288	1.05527	1.055327	0.4666596	1.15315	1.15315	0.545719	0.8890616	-1.12484	0.359563	1.210331	1.210331	0.182982	0.765265	-1.30674	0.528598	0.884418	-1.13069	0.0430701	1.56491	1.56491	0.0880106	1.43651	1.43651	0.657149	1.08974	1.08974	1.65413	0.9696864	0.521084	1
cg03202884	TMEM161A	0.224932	0.938239	1.03193	1.03193	0.6625272	0.836884	-1.19491	0.0421327	2.58456	2.58456	0.0593022	0.421701	-2.37135	0.334035	1.49792	1.49792	0.517799	1.30463	1.30463	0.864185	0.932924	-1.0719	0.280838	1.57554	1.57554	0.7737756	1.1216	1.1216	1.65411	4.30881	2.31548	1
cg23190093	LPYR2;CCDC159;LPPR2	0.224936	0.21159	0.480605	-2.08033	0.352517	0.587108	-1.70323	0.41237	0.627183	-1.59443	0.323974	0.56722	-1.76298	0.0939918	0.358809	-2.787	0.31353	0.559778	-1.78642	0.0210892	0.213523	-4.68333	0.0692469	0.322581	-3.1	0.7290099	0.824052	1.21352	1.65409	8.11673	4.36182	1
cg27508002	SMAD9;SMAD9	0.24494	0.898701	1.02515	1.02515	0.56067	1.12156	1.12156	0.997378	1.00064	1.00064	0.2283	1.27963	1.759014	0.941763	-1.06184	0.564952	1.12013	1.12013	0.0140917	1.80558	1.80558	0.768756	1.48768	1.48768	0.764927	1.06022	1.06022	1.65408	0.9961013	0.535296	1
cg14548925	ATXN7L1;ATXN7L1	0.224976	0.279796	0.897227	-1.11454	0.6073948	0.951202	-1.0513	0.110131	0.845294	-1.18302	0.220216	0.883014	-1.13244	0.727547	0.968083	-1.03334	0.0770971	0.82719	-1.20891	0.602503	1.05202	1.05202	0.0973192	0.838339	-1.19198	0.2359668	1.12755	1.12755	1.65407	0.2440056	0.131154	1
cg01797265	LOC100128288 SORBS2;SORBS2;SORBS2;SORBS2;SORB	0.224944	0.36019	1.34509	1.34509	0.410318	0.766941	-1.30388	0.899548	0.960982	-1.0406	0.397885	1.31363	1.31363	0.942336	0.97746	-1.02306	0.104398	0.57153	-1.74969	0.29084	1.41263	1.41263	0.055629	0.504847	-1.9808	0.201486	0.653704	-1.52975	1.65406	2.60183	1.39822	1
cg09556633	S2;SORBS2	0.244947	0.449526	0.689231	-1.45089	0.787385	2.567643	2.567643	0.136898	2.16816	2.16816	0.625164	0.788359	-1.26846	0.623515	0.802355	0.552296	0.91206	0.882805	0.931235	-1.07384	0.176282	0.499391	-2.00244	0.218618	0.535295	-1.86813	0.959445	1.02486	1.02486	1.65406	6.110878	3.28393	1
cg15465878	C1orf228	0.244948	0.190375	0.445386	-2.24524	0.324421	1.81038	1.81038	0.75456	0.832839	-1.20071	0.590776	0.728622	-1.37245	0.017063	0.183398	-5.45261	0.88309	0.918369	-1.08889	0.299894	0.534414	-1.87121	0.157489	0.414116	-2.41478	0.483068	0.659845	-1.51551	1.65405	8.91137	4.78868	1
cg19736953	RADL	0.244949	0.458068	0.825196	-1.21183	0.4104892	1.906474	1.906474	0.240848	1.36734	1.36734	0.453374	1.22485	1.222972	0.391526	0.798006	-1.25268	0.405619	1.24209	1.242091	0.0983281	1.62391	1.62391	0.0870439	0.995827	-1.00435	0.845007	0.951352	-1.05114	1.65403	1.70078	0.9140113	1
cg07601068	BCOR;BCOR;BCOR;BCOR	0.244958	0.757376	0.867178	-1.15317	0.719149	0.846987	-1.18066	0.32852	0.628888	-1.59012	0.142728	0.465138	-2.1499	0.320641	0.623801	-1.60308	0.653516	1.23097	1.230971	0.154841	1.35492	1.35492	0.0179665	0.266518	-3.7521	0.218258	0.551241	-1.81409	1.65401	5.5405	2.97754	1
cg08739551	GTF2H4;GTF2H4	0.244961	0.150257	2.06473	2.004973	0.0723065	2.48531	2.48531	0.102737	2.24296	2.24296	0.664483	1.21366	1.213366	0.466564	0.717909	-1.3939	0.311261	0.625083	-1.59979	0.726102	0.856584	-1.17002	0.199151	1.84134	1.84134	0.2372196	1.67047	1.71585	5.29002	2.40072	1
cg27644095	HCG22	0.244965	0.50250201	0.2241492	-4.14093	0.183171	0.471119	-2.12261	0.143598	0.594568	-1.68189	0.289121	0.556334	-1.79748	0.0579122	0.319037	-3.1444	0.222839	0.505289	-1.97907	0.573854	0.737854	-1.35528	0.812066	0.880795	-1.1353	0.124293	0.411934	-2.42758	1.65398	7.43913	3.99796	1
cg27390206	BLMH	0.244972	0.209396	0.434482	-2.30159	0.29047	0.500963	-1.99616	0.34759	0.543704	-1.83924	0.917352	0.936692	-1.06759	0.0315056	0.145666	-6.86501	0.405503	0.584952	-1.70954	0.167003	0.395251	-2.53004	0.592184	0.40593	-2.46351	0.0508923	0.336036	-2.97627	1.65397	1.26311	0.5388	1
cg05555995	PCDH1;PCDH1	0.244974	0.157402	1.92711	-1.43437	0.192521	0.72229	-1.3849	0.090192	0.56148	-1.56148	0.247566	1.3849	1.384901	0.221807	1.358959	1.358959	0.959975	1.01205	1.012045	0.864113	1.42519	1.42519	0.907517	1.00977	1.00977	0.7919558	0.938862	-1.00532	1.65395	1.49186	0.801774	1
cg06824308	PRDM16;PRDM16	0.244984	0.317056	0.802135	-1.24667	0.586267	1.12428	1.12428	0.571075	1.12979	1.12979	0.322356	0.804192	-1.24348	0.27869	0.78655	-1.27138	0.861235	0.96339	-1.038	0.0242309	1.77299	1.77299	0.261391	1.2836	1.2836	0.8097559	0.949888	-1.05276	1.65391	1.19027	0.639705	1
cg06269035	CRAMP1L	0.244986	0.167621	0.649413	-1.5494	0.636621	0.867906	-1.1522	0.959325	0.986931	-1.0153	0.816245	1.07176	1.07176	0.228311	0.686305	-1.45708	0.742398	1.103	1.103	0.0166844	0.419787	2.40997	0.132612	0.616866	-1.6211	0.3722112	0.761243	-1.31364	1.6539	2.32154	1.24771	1
cg00427150	RASA3	0.24499	0.442739	1.24682	1.24682	0.0184574	2.2181	2.2181	0.97428	1.00913	1.00913	0.511017	0.680969	-1.46843	0.215807	1.5088	1.5088	0.705759	1.11284	1.112844	0.310094	1.34192	1.34192	0.183548	1.48842	1.48842	0.255721	0.715742	-1.39715	1.65389	2.08112	1.11851	1
cg03545635	CHST12	0.244991	0.490943	0.83184	-1.20215	0.126402	0.64718	-1.54516	0.387893	0.792242	-1.26224	0.71127	0.906794	-1.10279	0.32735	0.766378	-1.30484	0.025764	0.498158	-2.0074	0.377621	1.269	1.269	0.245644	0.726477	-1.37651	0.117722	0.639034	-1.56486	1.65389	1.81395	0.974017	1
cg26304147	ANO1	0.245008	0.450654	1.12033	1.12033	0.4899744	2.1284	2.1284	0.097121	1.70024	1.70024	0.17297	1.52611	1.526211	0.336279	0.744209	-1.34371	0.655422	1.87282	1.872821	0.0116738	1.39021	1.39021	0.0691784	1.1255	1.1255	0.692867	0.890727	-1.12268	1.65382	2.22566	1.19624	1
cg03491551	XAF1;XAF1	0.245017	0.0300157	0.307708	-3.2711	0.53385	0.746352	-1.33985	0.92158	0.95531	-1.04678	0.241131	0.565677	-1.76779	0.31892	0.61986	-1.61327	0.141705	0.480163	-2.08263	0.0508923	0.35606	-2.80851	0.234744	0.46181	-2.16539	0.462708	0.706737	-1.41495	0.63579	5.64655	3.03495	1
cg12095807	KCNK10;KCNK10;KCNK10	0.245018	0.809544	1.10436	1.10436	0.479526	1.63853	1.63853	0.26344	1.53269	1.53269	0.284614	1.06624	1.066243	0.714171	0.858352	-1.16502	0.998987	0.999478	0.000521	0.997314	1.25594	1.25594	0.306109	0.959317	0.996871	0.0014514	0.615378	4.420705	2.137949	1
cg09689449	ACAD5	0.245026	?	?	?	0.567023	0.646478	-1.54684	0.63569	1.43236	1.43236	0.456001	0.563308	-1.77523	0.151513	0.30619	3.26595	0.429147	0.542997	-1.84163	0.023891	0.114869	-8.70556	?	?	?	0.817018	1.19025	1.19025	1.80278	1.92777	0.67111	1
cg10391102	PRDM16;PRDM16	0.245029	0.020324	0.397927	-2.51302	0.659532	0.864111	-1.15726	0.287199	1.43915	1.43915	0.366251	0.736538	-1.3577	0.347601	0.727173	-1.37519	0.73841	1.11674	1.11674	0.528118	1.23438	1.23438	0.283474	1.44354	1.44354	0.85783	0.942639	-1.06085	1.65374	2.84244	1.52782	1
cg06638629	SPNS2	0.245032	0.532176	1.09153	1.091153	0.2737368	0.816356	1.0916356	0.2135234	1.2233734	-1.47745	0.3999213	1.102153	1.102153	0.8380302	1.103363	1.103363	0.3098644	1.023241	1.023241	0.8870321	1.140564	1.140564	0.6984643	1.107128	1.107128	0.7232206	0.955774	-1.04627	1.65373	0.4200025	0.97898	1
cg16090205	KLF10;KLF10 FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.245035	0.194632	0.624717	-1.60072	0.556156	0.815365	-1.22644	0.30771	1.43627	1.43627	0.386771	1.35555	1.35555	0.704265	1.1397	1.1397	0.0514781	0.46758	-2.13867	0.396348	0.742431	-1.34692	0.252074	0.663483	-1.5072	0.229146	1.54144	1.54144	1.65372	3.07944	1.65523	1
cg08973646	FAM3A;FAM3A;FAM3A;FAM3A	0.245036	0.181966	0.289103	-3.45897	0.0806258	0.183185	-5.45896	0.496041	0.548452	-1.83207	0.421968	0.2448	0.2448	0.103128	4.76569	4.76569	0.200757	0.306149	-3.26638	0.291194	0.383116	-2.61017	0.799413	1.24987	1.24987	0.816622	1.225665	1.225665	1.65371	20.0961	10.8019	1
cg23521444	PLAG1;PLAG1	0.245039	0.810221	0.95356	-1.04872	0.347702	1.2107	1.2107	0.451396	1.16385	1.16385	0.287206	0.803702	-1.24424	0.789547	0.948476	-1.05432	0.472902	0.865571	-1.15531	0.909502	0.977766	-1.02274	0.0157345	1.79548	1.79548	0.3363337	1.21657	1.21657	1.6537	1.02419	0.550514	1
cg06143777	TSC1	0.245043	0.0841757	0.777624	-1.28597	0.0559898	0.965935	-1.03566	0.107056	1.65765	1.65765	0.0879316	1.704	1.704004	0.0479307	0.586705	-1.70434	0.672092	1.05765	1.057651	0.0994373	0.546284	1.83066	0.0104434	0.878742	-1.13841	0.686544	0.504486	1.98307	0.453857	0.243957	1
cg04658243	RPTOR;RPTOR	0.245048	0.679561	0.874567	-1.14342	0.175788	2.54019	2.54019	0.843407	1.0659	1.0659	0.191276	0.639892	-1.56276	0.492904	1.29761	1.29761	0.497836	1.24866	1.248661	0.427469	0.74101	1.07431	1.307208	1.40647	1.40647	0.505858	0.804269	-1.24337	1.65367	2.72691	1.46578	1
cg21717758	ZNF774	0.245053	0.117007	1.3937	1.3937	0.2484005	1.63137	1.63137	0.253537	1.63269	1.63269	0.0624234	1.31684	1.31684	0.1075	0.992561	-1.00749	0.998987	0.999478	0.000521	0.997314	1.37594	1.37594	0.2604848	1.17877	1.17877	0.3641664	0.973133	1.17871	1.65364	0.9939439	0.601683	1
cg16581884	PGR;PGR	0.245056	0.634058	1.0784	1.0784	0.493246	1.11574	1.11574	0.0549357	1.40857	1.40857	0.437989	0.882925	-1.1326	0.973685	1.0052	1.0052	0.544155	0.907899	-1.10144	0.253261	1.20659	1.20659	0.0471466	1.42977	1.42977	0.163304	1.26387	1.26387	1.65364	6.648753	0.348728	1
cg12930100	SOX20T;SOX2	0.245056	0.31836	0.800067	-1.24989	0.00900608	0.48762	-2.05078	0.137752	0.707735	-1.41296	0.623013	0.898378	-1.11312	0.4035	0.831194	-1.20309	0.831398	0.954933	-1.04719	0.891059	0.970796	-1.03008	0.455344	0.848356	-1.17875	0.827216	1.04841	1.04841	1.65364	1.22512	0.658547	1
cg11789639	ELOF1	0.245057	0.328138	1.49777	1.49777	0.630731	0.823783	-1.21391	0.0203186	0.326409	-3.06364	0.577333	1.25273	1.25273	0.29959	0.650336	-1.53767	0.765658	1.12708	1.12708	0.494684	0.757649	-1.31987	0.594404	0.806463	-1.23998	0.123494	0.512863	-1.94984	1.65363	4.19529	2.25512	1
cg07816637	PCDHGA4;PCDHGA6;PCDHGA1;PCDHG A8;PCDHGA5;PCDHGB1;PCDHGB4;PCD HGA3;PCDHGA2;PCDHGA9;PCDHGA7	0.24506	0.140297	3.01008	3.01008	0.376104	1.87933	1.87933	0.349201	1.95302	1.95302	0.221203	2.44297	2.44297	0.0611327	4.27139	4.27139	0.583589	1.46888	1.46888	0.144364	2.97174	2.97174	0.0462091	4.88503	4.88503	0.0708084	4.06402	4.06402	1.65362	12.6353	6.79199	1
cg05969659	C1orf58;C1orf58	0.245062	0.0904851	1.82778	1.33765	0.1556687	0.760227	-1.3154	0.2420676	0.836566	-1.79705	0.356534	1.53987	1.53987	0.0408882	2.94519	2.94519	0.242978	0.573377	-1.74405	0.587507	1.28317	1.28317	0.911112	1.05201	1.05201	0.587322	1.28333	1.28333	1.65361	5.42748	2.9175	1
cg00399295	EIF2	0.245063	0.122057	0.422489	-2.36692	0.719323	0.825868	-1.21085	0.792156	1.14543	1.14543	0.500564	0.70362	-1.42122	0.0302215	0.269225	-3.71436	0.793213	0.873568	-1.14461	0.0629317	0.34109	-2.93178	0.435145	1.50587	1.50587	0.875059	0.922388	-1.08426	1.65361	6.92235	3.72107	1
cg17108461	STX19;STX19;DOM3Z;STX19	0.245065	0.0178355	1.3937	1.3937	0.2484005	1.62134	1.62134	0.2870576	1.43438	1.43438	0.0663012	1.35979	1.35979	0.0444222	2.02608	2.02608	0.567851	1.30617	1.30617	0.776381	0.876568	-1.14081	0.580216	0.7722258	-1.2949	0.0974112	0.431085	-2.31973	1.65355	5.60479	3.01292	1
cg06432843	IL17REL	0.245078	0.294521	0.604736	-1.65361	0.928921	0.959566	-1.04214	0.0494176	0.354393	-2.82172	0.179315	0.516909	-1.93458	0.050802	0.357217	-2.79942	0.567851	1.30617	1.30617	0.776381	0.876568	-1.14081	0.580216	0.7722258	-1.2949	0.0974112	0.431085	-2.31973	1.65355	5.60479	3.01292	1
cg25762744	PDYC;FDPS;FDPS;FDPS;FDPS	0.245081	0.369854	0.743773	-1.3445	0.287787	1.42583	1.42583	0.66204	1.15186	1.15186	0.293602	0.704557	-1.41933	0.390308	0.753839	-1.32654	0.082696	0.539121	-1.85487	0.812802	0.926579	-1.07924	0.187313	0.638126	-1.56709	0.102234	0.17688	1.77688	1.65354	2.70587	1.45458	1
cg17573138	ARHGEF17	0.245089	0.568326	1.25594	1.25594	0.915572	1.04488	1.04488	0.671987	0.845087	-1.18331	0.325993	1.493	1.493	0.64577	0.832844	-1.2007	0.0102241	0.278164	-3.595	0.574735	1.25113	1.25113	0.882683	1.06009	1.06009	0.757213	1.13037	1.13037	1.65351	4.09014	2.19876	1
cg21362390	KIZ;SLITRK2;SLITRK2;SLITRK2;SLITRK2	0.24509	0.177409	0.135241	-7.39423	0.0801213	0.0665486	-15.0266	0.9741	0.9557	-1.06435	0.138914	0.93683	0.236783	0.201776	6.56205	6.56205	0.475718	0.363407	-2.75173	0.191771	0.145336	-6.88059	0.451745	0.342987	-2.91556	0.698041	0.580344	-1.72312	1.65351	51.0135	27.4237	1
cg20372956	WTAP;WTAP;WTAP	0.245094	0.403	0.868972	-1.15137	0.61869	1.0745	1.0745	0.90405	1.00858	1.00858	0.315179	1.56022	1.56022	0.238121	0.832509	-1.20119	0.529735	0.909882	-1.09904	0.608874	1.07957	1.07957	0.0189018	1.42679	1.42679	0.130394	0.794756	-1.27428	1.65349	0.5763515	0.309817	1
cg06948937	CDK13;CDK13;CDK13	0.245095	0.637108	0.847798	-1.17952	0.6625599	2.07143	2.07143	0.5584011	0.792058	-1.26253	0.193999	1.61203	1.61203	0.858671	1.06389	1.06389	0.719678	1.1334	1.1334	0.0241229	2.54582	2.54582	0.4767329	1.22883	1.22883	0.6000078	1.2016	1.2016	1.65349	3.16179	1.69973	1
cg16861508	TNFRSF10B;TNFRSF10B;TNFRSF10B	0.245097	0.0736008	0.48657	-2.0552	0.099173	0.520568	-1.92098	0.554642	0.805864	-1.2409	0.0645537	0.472418	-2.16077	0.128142	0.5521	-1.81127	0.0805482	0.496576	-2.01379	0.382628	0.723708	-1.38177	0.127605	0.551564	-1.81303	0.580925	0.817606	-1.22308	0.35348	3.4159	1.83634	1
cg07044676	CHEK2;NSCB;CHEK2;CHEK2	0.245101	0.134535	1.73533	1.73533	0.3170494	1.84705	1.84705	0.2004	1.683789	1.683789	0.154179	1.30035	1.30035	0.0997284	1.70851	1.70851	0.144933	1.862972	1.1585	0.979479	1.21873	1.21873	0.0948708	1.11783	1.11783	0.1158423	1.852614	1.17286	1.65347	1.13984	0.124478	1
cg05708656	SNORD71;AP1G1;AP1G1	0.24511	0.661855	0.834934	-1.1977	0.5585225	0.416389	-2.4016	0.202134	0.575763	-1.73683	0.657446	1.20075	1.20075	0.2183	0.588125	-1.70032	0.694554	0.85063	-1.1756	0.902548	0.951027	-1.05115	0.0699599	2.29469	2.29469	0.607436	2.32816	1.23816	1.65343	4.40036	2.36564	1
cg08330836	DNM1L;DNM1L;DNM1L	0.245113	0.671028	1.14185	1.14185	0.322649	1.37326	1.37326	0.0866074	1.79978	1.79978	0.294095	1.47296	1.47296	0.6518321	1.15146	1.15146	0.515924	0.815044	-1.22693	0.0540848	0.538705	-1.85678	0.0576568	0.745508	-1.34117	0.903574	0.963071	-1.03835	1.65343	2.53424	1.35704	1
cg10585016	TMEM201	0.245116	0.5254498	-1.90296	0.542828	0.797807	1.25444	1.25444	0.176926	0.866572	-1.15397	0.550051	1.81801	0.0392154	0.415595	2.40414	2.40414	0.0494635	0.438596	-2.28008	0.184156	0.289454	-3.45294	0.0441753	0.384182	-2.60313	0.0738673	0.184182	-5.42958	1.65343	1.31096	0.534545	1.39284	1
cg00259034	CMTM8	0.245116	0.306929	1.1348	1.1348	0.412353	1.1054	1.1054	0.102579	1.23808	1.23808	0.862621	0.979506	-1.02092	0.824438	0.973786	-1.02692	0.603705	1.06461	1.06461	0.0578247	1.2923	1.2923	0.101387	1.23918	1.23918	0.0514477	1.30357	1.30357	1.65341	0.3743121	0.201238	1
cg18082227	LOC100192378;ZFHX4	0.245512	0.0626367	1.79754	1.79754	0.3876697	0.713577	-1.35137	0.122634	1.10314	1.10314	0.0102184	1.92	1.92	0.0126662	2.12662	2.12662	0.07244	1.25752	1.257523	0.0273554	1.26118	1.26118	0.0273554	1.27726	1.27726	0.0273554	1.27726	1.27726	1.65341	16.3364	8.83179	1
cg05972934	DLGAP4	0.245122	0.342512	0.871288	-1.14773	0.0318342	0.701567	-1.42538	0.0762307	0.757355	-1.32038	0.0910397	0.769315	-1.29986	0.859131	1.02534	1.02534	0.143717	0.801455	-1.24773	0.30375	0.86065	-1.16191	0.618239	0.931664	-1.07335	0.951359	0.991442	-1.00863	1.65339	0.5197609	0.279437	1
cg06179246	AGPAT4	0.245127	0.559097	1.08113	1.08113	0.165351	0.715234	0.909456	0.109656	0.815344	0.941204	-1.06247	0.771142	1.07848	1.078482	0.260898	0.7407	-1.35007	0.03432	0.572553	1.89554	0.642251	0.545229	-1.83398	0.849285	1.05051	1.05051	0.116195	0.642612	-1.55615	1.65337	1.78988	0.944538	1
cg19040195	BCL11A;BCL11A;BCL11A	0.24513	0.205143	0.478074	-2.09173	0.227556	0.496942	-2.01231	0.398186	0.620312	-1.61209	0.0276901	0.237663	-4.20763	0.167049	0.443442	2.25509	0.477397	0.671126	-1.49003	0.0471126	0.28529	-3.5052	0.915945	1.06001	1.06001	0.297967	0.551226	-1.81414	1.65335	7.98015	4.29035	1
cg01300623	OSBPL10	0.245137	0.15662	0.304375	-3.28542	0.0623914	0.192691	-5.18967	0.184499	0.331203	-3.01923	0.416174	0.532573	-1.87768	0.0549196	0.181063	-5.52293	0.206848	0.316149	-2.84375	0.0925021	0.233753	-4.27801	0.687736	0.728186	-1.37328	0.110623	0.255432	-3.91493	1.65333	16.1384	8.67656	1
cg01353359	QSOX2	0.245137	0.23032	0.5247	-1.90579	0.0324005	0.564575	-1.77187	0.0307744	0.753123	-1.32773	0.0610189	0.722237	-1.38473	0.0717552	0.744014	-1.34387	0.122777	0.478724	-2.08871	0.0634262	0.311994	-3.0121	0.357597	0.742566	-1.34668	0.0842118	0.359709	-2.78003	0.6533	7.60724	4.03616	1
cg01879083	CMBL	0.245138	0.382905	1.17491	1.17491	0.960292	0.991071	-1.00901	0.439483	0.867589	-1.15262	0.581406	0.905043	-1.10492	0.84081	1.03689	1.03689	0.0432455	0.657787	-1.52025	0.910179	1.02054	1.02054	0.412051	0.859769	-1.1631	0.0289118	0.628742	-1.59048	1.65333	0.8497778	0.456872	1
cg19436502	GIS	0.245139	0.687684	0.83704	-1.19469	0.547805	1.30699	1.30699	0.856213	1.08151	1.08151	0.090231	0.440852	-2.26868	0.197986	0.549409	-1.82014	0.161213	0.517552	-1.93217	0.184803	0.175025	0.978709	0.988322	-1.01182	0.078637	0.423257	-2.36263	1.65332	5.07352	2.72772	1
cg24269863	MTERFD2;SNED1;MTERFD2;MTERFD2	0.245139	0.157793	1.98364	1.98364	0.1390075	2.05865	2.05865	0.263022	1.69757	1.69757	0.428066	1.4433	1.4433	0.0637511	2.57321	2.57321	0.0692073	2.51422	2.51422	0.0578024	2.64527	2.64527	0.151363	2.00814	2.00814	0.3255	1.58474	1.58474	1.65332	5.38542	2.89541	1
cg15283184	PVR;PVR;PVR	0.245141	0.0942009	0.2815194	-3.55144	0.0354026	0.176017	-5.68557	0.110133	0.301377	-3.3181	0.37449	0.673564	0.0711328	0.464343	-2.15403	0.114091	0.216185	0.408005	-2.45095	0.114091	0.306068	-3.26725	0.196715	0.390566	-2.56038	0.576507	0.677977	-1.47468	1.65331	12.4331	6.67928	1
cg07123118	DLC1	0.245146	0.127217	0.604812	-1.65341	0.385712	0.762538	-1.31141	0.114444	0.592493	-1.68778	0.820489	0.933056	-1.07175	0.0818643	0.555315	-1.80078	0.790526	0.920244	-1.08455	0.0924378	0.568606	-1.75869	0.668579	0.537135	-1.86173	0.596731	1.03679	1.17679	1.17679	1.6533	2.43362	1.30843	1
cg07996785	DNAJC6	0.245149	0.3902	0.856927	-1.16681	0.4747945	1.23661	1.23661	0.0162373	1.66508	1.66508	0.0124471	1.32603	1.32603	0.0369372	1.54041	1.54041	0.0314471	1.2044	1.2044	0.0732464	1.88129	1.88129	0.0732464	1.1994	1.1994	0.0732464	1.1994	1.1994	1.6533	1.24964	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	S(Test)	SS(Error)	F(Error)
cg05745748	GRM4	0.245372	0.627454	0.898802	-1.11136	0.018221	1.85669	1.85669	0.114893	1.44099	0.824674	1.04907	1.049307	0.657715	0.908223	1.10105	0.759983	0.935988	-1.0688	0.500042	1.55927	1.55927	0.330066	0.804944	-1.42432	0.979633	-1.00553	1.65243	1.23972	0.656119	1
cg19672209	CNNM2;CNNM2	0.245375	0.457266	1.21366	1.21366	0.455143	0.823175	-1.21481	0.01767475	0.47789	-2.09253	0.252951	0.73681	-1.3572	0.507005	0.841816	-1.18791	0.839112	0.940329	-1.05338	0.663852	1.11755	1.11755	0.679273	1.11221	1.11221	0.132583	0.660259	-1.51456	1.65242	1.71233	0.921114	1
cg00107016	HAP1;HAP1;HAP1	0.245376	0.848481	1.09857	1.09857	0.635055	0.353116	-2.84806	0.06156525	0.348424	-2.87007	0.646851	0.796987	-1.25473	0.249524	1.8138	1.8138	0.694524	1.21422	1.21422	0.895079	1.06699	1.06699	0.38615	1.54996	1.54996	0.243679	0.546829	-1.82872	1.71212	6.41023	2.91202	1
cg14260889	VIM	0.245385	0.117308	1.638	1.638	0.309706	1.95654	1.95654	0.633036	0.897615	-1.14974	0.07594973	0.583586	-1.77341	0.883127	1.12644	1.12644	0.859079	1.03902	1.03902	0.147428	1.56975	1.56975	0.833356	1.06302	1.06302	0.194846	0.671806	-1.48852	1.65239	2.20215	1.18463	1
cg16525208	WDR60	0.245387	0.891673	1.06344	1.06344	0.293727	0.694755	-1.43936	0.47608	0.721007	-1.38695	0.354527	1.5372	1.5372	0.110029	0.237504	-4.21045	0.920978	0.956197	-1.04581	0.312911	0.624264	-1.60189	0.90647	1.05449	1.05449	0.335113	0.638458	-1.56627	1.65238	5.33265	2.86868	1
cg24396875	PMS1;PMS1;PMS1	0.245394	0.423516	0.598306	-1.67138	0.114427	0.339966	-1.78414	0.121709	0.948467	-2.86971	0.783343	0.840971	-1.1891	0.666503	1.27467	0.274667	-3.64077	0.31819	0.522933	-1.91228	0.167963	0.397177	-2.51777	0.183184	2.42894	2.42894	0.508499	0.656076	-1.52421	1.65235	10.3331	5.55875	1
cg20871445	SDF4;SDF4;B3GALT6	0.245395	0.214001	0.850752	-1.17543	0.0436644	1.33178	1.33178	0.1254	1.22741	1.22741	0.434429	1.10355	1.10355	0.674293	0.940122	-1.05361	0.861407	0.978643	-1.02182	0.667201	0.947961	-1.0549	0.816029	1.02921	1.02921	0.130001	1.22391	1.22391	0.65234	0.399402	0.214861	1
cg16155391	LRIC2	0.245408	0.913782	0.961467	-1.04009	0.633224	1.17345	1.17345	0.295678	0.674725	-1.48209	0.06846163	2.09638	2.09638	0.044765	2.09307	2.09307	0.627329	1.19424	1.19424	0.133004	1.57784	1.57784	0.877722	1.06039	1.06039	0.334967	1.43443	1.43443	0.5223	3.44495	1.85329	1
cg14232874	MYT1L	0.245408	0.775094	0.937007	1.06723	0.215041	0.743474	-1.34504	0.6834342	0.9310057	-1.09763	0.4161691	1.20774	1.20774	0.400736	0.654953	-1.52683	0.435004	0.834511	-1.19831	0.03707726	1.733	1.733	0.833512	1.04897	1.04897	0.905473	0.973379	-1.02735	1.6523	1.34997	0.726244	1
cg11786565	NFIX	0.245408	0.0650225	0.34942	-2.86189	0.0448555	0.310817	-3.21733	0.840903	0.903024	-1.10739	0.806117	0.882671	-1.13292	0.040236	0.300347	-3.32948	0.385999	0.636971	-1.56993	0.169612	0.47591	-2.10124	0.639376	0.787007	-1.27064	0.501735	0.707493	-1.41344	1.6523	6.74041	3.62615	1
cg16411160	SNORA70B;USP34	0.245412	0.7999551	1.08099	1.08099	0.0847085	0.975176	-1.02545	0.8109995	0.432712	-2.311	0.47155	0.790113	-1.26518	0.026686	0.8010015	-1.31338	0.178449	0.645621	-1.5489	0.04321	1.29927	1.29927	0.491115	1.24934	1.24934	0.389173	0.763312	-1.31008	1.65228	2.4512	1.31869	1
cg03032816	CLDN5;CLDN5;CLDN5;CLDN5;CLDN5;CLDN5	0.245416	0.0786647	0.384979	-2.59755	0.250348	0.5626131	-1.77736	0.171934	0.49129	-2.01546	0.918286	1.05144	1.05144	0.025073	2.557787	-3.9095	0.146362	0.460505	-2.17168	0.378498	0.642995	-1.55522	0.718561	0.837877	-1.19349	0.384235	0.646578	-1.5466	1.65227	6.25133	3.3631	1
cg04089048	PNMA2	0.245421	0.28812	1.51915	1.51915	0.3008885	1.505632	1.505632	0.1553	1.25172	1.25172	0.242672	1.641137	1.641137	0.818096	1.069777	1.069777	0.802969	0.909532	1.09927	0.745619	1.13427	1.13427	0.31567	1.84023	1.84023	0.02840003	2.667253	2.667253	1.65225	3.76394	2.02495	1
cg14359894	RASSF2	0.245421	0.72775	0.8160555	-1.22541	0.38833	1.67237	1.67237	0.6008877	0.735646	-1.35935	0.334542	1.78403	1.78403	0.827382	0.880715	-1.1354	0.292159	1.88833	1.88833	0.06297555	0.29623	-3.3576	0.10702	2.78254	2.78254	0.216702	0.469511	-2.12987	1.65225	8.8257	4.76265	1
cg21881184	BTBD2	0.245429	0.126796	2.25992	2.25992	0.333003	1.63563	1.63563	0.0805663	0.60337	-2.60337	0.249354	1.8119	1.8119	0.130326	0.608814	-1.64254	0.526218	1.37307	1.37307	0.124109	2.27525	2.27525	0.067429	2.75014	2.75014	0.906426	1.05977	1.05977	1.65222	6.37769	3.43118	1
cg02526234	CDC48	0.245429	0.267971	1.16137	1.16137	0.6986685	1.05173	1.05173	0.1035096	0.648341	-1.54264	0.25359	0.8927912	-1.12073	0.250943	0.859564	-1.16327	0.729004	1.59517	1.59517	0.0413287	0.890486	-1.12298	0.92468	0.987816	-1.01233	0.50345	0.915731	-1.09202	1.65222	0.469434	0.236646	1
cg01236774	KDM2B;KDM2B	0.245441	0.736205	1.04603	1.04603	0.258807	0.854889	-1.16974	0.0912963	0.780723	-1.28086	0.942179	0.990391	-1.0097	0.019792	0.687598	-1.45434	0.888414	1.01886	1.01886	0.201877	0.835795	-1.19647	0.814926	1.0317	1.0317	0.839069	1.02744	1.02744	1.65217	0.463598	0.249422	1
cg08327421	MIR7521	0.245444	0.378855	0.923252	-1.08345	0.768849	1.1984	1.1984	0.102684	0.6163904	1.04728	1.04728	1.120403	1.16346	1.16346	0.786621	0.975906	-1.02469	0.05093478	0.818313	-1.22202	0.822696	0.980025	-1.02038	0.25314	0.8992675	-1.11324	0.174403	1.13867	1.13867	1.65216	0.211404	0.113739	1
cg09591429	MAP4K4;MAP4K4;MAP4K4	0.245444	0.881399	0.930485	-1.07474	0.204916	0.559177	-1.78834	0.495348	0.752656	-1.32913	0.0504473	0.611546	-1.63506	0.179665	-1.39671	0.282165	0.740406	0.923627	0.792772	-1.2614	0.481559	1.41232	1.41232	0.143639	1.13468	1.13468	0.591237	0.76979	-1.29906	1.65216	6.09434	3.27886	1
cg07980777	NSAMT2	0.245445	0.8673355	0.945517	-1.05762	0.316253	1.41519	1.41519	0.986148	1.00584	1.00584	0.570422	0.825149	-1.2119	0.0272963	0.416714	-2.39973	0.887615	0.953713	-1.04853	0.172487	1.62684	1.62684	0.203365	1.56831	1.56831	0.536122	0.810604	-1.23365	1.65216	2.93918	1.58133	1
cg27256435	LRCH2	0.245446	0.0975048	0.655524	-1.5259	0.0470905	0.193597	-1.68691	0.0994632	0.654513	-1.52785	0.443073	1.19918	1.19918	0.159303	1.170384	-1.17086	0.344843	0.797729	-1.2535	0.13619	0.794277	1.25906	0.361296	0.884556	1.13454	0.97281	0.992115	-1.00795	1.65212	1.14156	0.75946	1
cg09646173	PDE6A	0.245454	0.0525113	0.229317	-4.36097	0.547582	1.50157	1.50157	0.837125	1.1474	1.1474	0.560252	0.67474	-1.48205	0.026057	0.171346	-5.83616	0.753016	1.25698	1.25698	0.68363	0.760573	-1.3148	0.958336	1.03551	1.03551	0.224078	0.426077	-2.34699	1.65212	11.6751	6.28155	1
cg20826165	SRGAP1	0.245457	0.347686	0.803749	-1.24452	0.456632	1.03564	1.03564	0.552156	0.81475	-1.22703	0.683583	0.657234	-1.52082	0.0185173	0.808392	-1.23702	0.826139	1.16762	1.16762	0.226233	0.427373	-2.33918	0.0665237	1.16762	1.16762	0.226233	0.427373	-2.33918	0.0665237	1.65205	3.82482	2.31	1
cg17641252	PLEK2	0.245461	0.0854045	0.80364	0.80364	0.200051	0.0786	0.0786	0.588881	0.9252	0.9252	0.299331	0.63739	0.63739	0.56231	0.22033	2.02033	0.497568	0.2858	0.2858	0.941905	1.09144	1.09144	0.0311646	0.82817	0.82817	0.0462053	0.55171	0.55171	1.65209	37.7073	20.288	1
cg27393372	CIR1;SCRN3	0.245466	0.670976	1.04871	1.04871	0.695769	1.09605	1.09605	0.326377	1.26678	1.26678	0.925099	0.978552	-1.02192	0.0245339	0.57965	-1.72518	0.46393	0.84032	-1.19002	0.120077	0.674657	-1.48223	0.496327	1.17492	1.17492	0.193421	1.38098	1.38098	1.65208	1.42513	0.766784	1
cg09805682	SF3A3;SF3A3	0.245466	0.732511	1.07207	1.07207	0.780937	1.02217	1.02217	0.661352	0.841487	-1.15318	0.110554	0.726286	1.88732	0.0159096	0.648841	-1.54156	0.142003	1.24513	1.24513	0.0359206	0.788732	1.29775	0.49307	1.45857	1.45857	0.102462	0.788997	1.34974	1.65175	4.04003	2.10559	1
cg00683980	TRPM1	0.245466	0.237576	0.789831	-1.26609	0.241307	0.791444	-1.26351	0.553791	0.892068	-1.12099	0.54282	0.889171	-1.12464	0.436254	0.859454	-1.16353	0.0101612	0.538928	-1.85554	0.695344	1.07794	1.07794	0.936582	0.98494	-1.01529	0.214224	0.779299	-1.28321	1.65208	0.951464	0.511929	1
cg17207590	APH1B;APH1B	0.245472	0.16162	0.474452	-2.10649	0.134147	0.89446	0.89446	0.0913764	0.72048	0.72048	0.257495	0.72707	0.72707	0.0746	0.651971	1.2707	1.2707	0.390888	0.7021	1.59021	0.426099	0.653502	-1.53012	0.171984	0.261574	0.361555	0.6004	-1.66401	1.65205	7.28471	3.91956	1
cg03545620	RPS6KA1;RPS6KA1	0.245474	0.612504	0.748172	-1.33659	0.179097	0.24944	2.24944	0.610048	0.746647	-1.33932	0.0668279	0.31126	-3.21275	0.187033	0.451863	-2.21306	0.0663581	0.310484	-3.22078	0.430655	1.57917	1.57917	0.848015	1.89674	-1.11514	0.563154	0.717471	1.39378	1.65204	0.644174	4.54211	1
cg07929642	ANKRD11	0.245476	0.518287	0.905344	-1.10455	0.160491	1.25564	1.25564	0.4694921	1.11822	1.11822	0.53322	1.10057	1.10057	0.550911	0.912453	-1.09595	0.432674	1.12928	1.12928	0.0781025	1.34612	1.34612	0.18629	1.23708	1.23708	0.109142	0.767003	-1.30378	1.65204	0.603227	0.32457	1
cg10084251	GTSE1	0.245476	0.348005	1.20172	1.20172	0.14778	1.20519	1.20519	0.0984032	0.884556	-1.13055	0.0438603	0.884556	-1.13055	0.0438603	0.884556	-1.13055	0.483183	0.903313	-1.10704	0.377135	1.22954	1.22954	0.296633	0.850269	1.17625	0.850269	0.850269	1.17625	0.850269	0.532613	0.882657	1.65204	0.532613	0.882657	1
cg04294058	COMMD10	0.245485	0.0982173	1.33133	1.33133	0.3655044	0.694103	-1.44071	0.668975	1.06677	1.06677	0.725098	1.05449	1.05449	0.622696	1.07738	1.07738	0.715595	0.946493	-1.05653	0.474995	1.11536	1.11536	0.192779	1.23017	1.23017	0.361308	0.715145	1.15145	1.65202	0.59091	0.317949	1
cg00930027	FAM18B	0.245487	0.4429207	1.14111	1.14111	0.553763	0.93037	0.93037	0.838188	0.940958	1.063252	1.063252	0.65122	1.534722	0.447949	0.883322	1.131993	0.824133	1.21096	1.21096	0.0800384	0.857818	1.16565	1.16565	0.0210384	1.92184	1.92184	0.0014004	0.520858	1.92184	0.0014004	0.520858	1.92184	0.0014004	0.520858	1
cg09686779	FOXRED2;FOXRED2	0.245488	0.71615	1.11706	1.11706	0.3304985	2.16136	2.16136	0.344291	1.34354	1.34354	0.45558	0.794236	-1.25907	0.27864	1.40703	1.40703	0.183241	0.651769	-1.53429	0.15225	1.59184	1.59184	0.779346	1.08887	1.08887	0.664731	1.14132	1.14132	1.65199	2.40433	1.2937	1
cg05197323	SOX9;U1	0.245489	0.1287736	1.53666	1.53666	0.867342	1.04072	1.04072	0.147741	1.5014	1.5014	0.0440304	0.545795	-1.83219	0.60104	0.242216	-4.12277	0.230153	1.39019	1.39019	0.956131	1.0145	1.0145	0.297604	1.32651	1.32651	0.928292	1.02383	1.02383	1.65199	1.7915	0.963955	1
cg09645126	C5orf70;C5orf70	0.245489	0.87206	1.04949	1.04949	0.563232	0.702556	-1.42375	0.65057	0.864979	-1.1561	0.8021952	0.962922	-1.03851	0.0601099	0.515934	-1.93851	0.029374	0.748665	-1.33572	0.0401087	1.16403	1.16403	0.817992	0.937772	-1.06636	0.468332	0.814168	-1.22825	1.65199	2.03117	1.09291	1
cg05953751	FASN	0.245495	0.08315	0.503189	-1.98733	0.613596	0.19996	1.19996	0.454666	0.76136	-1.31344	0.284041	0.671368	-1.4895	0.124846	0.551664	-1.8127	0.081725	0.501243	-1.99504	0.0531675	0.455421	-2.19577	0.196963	0.613632	-1.62964	0.410619	0.739904	-1.35153	0.65197	3.3535	1.80445	1
cg10086145	NABSC;RABSC	0.245495	0.12033	1.713166	1.713166	0.2400501	1.24459	1.27449	0.0933564	1.44964	1.44964	0.528155	1.51681	1.51681	0.0196146	1.880404	1.880404	0.41965	1.156152	1.156152	0.0184344	1.16651	1.16651	0.880404	1.01818	1.01818	0.454108	1.1665	1.1665	1.65197	0.50387	0.556634	1
cg18145080	GSDMD;GSDMD	0.245497	0.407024	0.628645	-1.59072	0.0856409	0.82845	2.82845	0.228245	0.74726	0.499876	-2.0005	0.780976	0.858521	-1.16479	0.373071	0.581785	0.669292	0.790457	-1.26509	0.0497666	0.29382	-3.40344	0.222922	0.49614	-2.01556	0.317415	0.56802	-1.7605	1.65196	7.83618	4.21651	1
cg16631432	SCN3A;SCN3A;SCN3A	0.245501	0.812476	0.916343	-1.09129	0.0558878	0.451028	-2.21716	0.429304	0.743337	-1.34528	0.101719	0.51757	-1.93211	0.0825593	0.493198	-2.02758	0.511768	0.783	-1.27714	0.425387	0.741384	-1.34883	0.58233	1.22654	1.22654	0.0641422	0.465454	-2.14844	1.65194	3.53568	1.9025	1
cg19102993	LPCAT1	0.245504	0.13095	1.731566	1.731566	0.2403501	1.24459	1.27449	0.0933564	1.44964	1.44964	0.528155	1.51681	1.51681	0.0196146	1.880404	1.880404	0.41965	1.156152	1.156152	0.0184344	1.16651	1.16651	0.880404	1.01818	1.01818	0.454108	1.1665	1.1665	1.65197	0.50387	0.556634	1
cg18145080	GSDMD;GSDMD	0.245497	0.407024	0.628645	-1.59072	0.0856409	0.82845	2.82845	0.228245	0.749876	-2.0005	0.780976	0.858521	-1.16479	0.373071	0.581785	-1.71885	0.669292	0.790457	-1.26509	0.0497666	0.29382	-3.40344	0.222922	0.49614	-2.01556	0.317415	0.56802	-1.7605	1.65196	7.83618	4.21651	1
cg16631432	SCN3A;SCN3A;SCN3A	0.245501	0.812476	0.916343	-1.09129	0.0558878	0.451028	-2.21716	0.429304	0.743337	-1.34528	0.101719	0.51757	-1.93211	0.0825593	0.493198	-2.02758	0.511768	0.783	-1.27714	0.425387	0.741384	-1.34883	0.58233	1.22654	1.22654	0.0641422	0.465454	-2.14844	1.65194	3.53568	1.9025	1
cg19102993	LPCAT1	0.245504	0.13095	1.731566	1.731566	0.2403501	1.24459	1.27449	0.0933564	1.44964	1.44964	0.528155	1.51681	1.51681	0.0196146	1.880404	1.880404	0.41965	1.156152	1.156152	0.0184344	1.16651	1.16651	0.880404	1.01818	1.01818	0.454108	1.1665	1.1665	1.65197	0.50387	0.556634	1
cg11551740	DLX4;DLX4	0.245507	0.119424	1.38239	1.38239	0.836123	1.04049	1.04049	0.240688	0.790262	-1.2654	0.407816	0.850228	-1.17616	0.21395	1.28499	1.28499	0.909796	1.02196	1.02196	0.177774	0.750998	-1.33176	0.928376	1.01738	1.01738	0.077362	1.45683	1.45683	1.65192	0.960766	0.516983	1
cg16927379	TRAPPC9;TRAPPC9	0.245509	0.0938204	0.714395	-1.39955	0.0967139	0.445559	2.24456	0.0852966	0.746313	-1.33979	0.0668829	0.377507	2.648	0.0418225	0.510086	-1.96026	0.123058	0.588364	-1.69956	0.0178206	0.242656	-4.12078	0.0408359	0.314509	-3.18014	0.0122182	0.242656	-4.12078	0.0408359	0.314509	-3.18014	0.0122182	0.242656	-4.12078	0.0408359	1
cg26522592	LMX1A	0.24551	0.0346828	2.35411	2.35411	0.588215	1.20933	1.20933	0.162391	1.6797	1.6797	0.858895	0.940001	-1.06383	0.529023	0.801121	-1.24825	0.705408	1.14117	1.14117	0.568895	0.818571	-1.22164	0.0539473	2.13983	2.13983	0.451127	1.30598	1.30598	1.65191	3.16293	1.70197	1
cg08509127	PPT2;PPT2;PPT2	0.245513	0.372876	0.834031	-1.17932	0.309818	0.929888	0.929888	0.917079	0.915079	0.613297	0.915802	-1.09194	0.166574	1.29494	1.29494	1.29494	0.274187	0.745304	1.34178	0.0251373	0.545732	1.11123	1.11123	0.0121234	0.548504	1.1104	1.1104	0.54519	0.778328	0.41882	1
cg15099551	LOC284798;LOC284798;LOC284798	0.245514	0.279634	0.709036	-1.40975	0.232514	0.252315	1.25231	0.222273	0.891426	1.1218	0.812271	0.964419	-1.05651	0.662511	1.189	1.189	0.329761	0.720315	1.38844	0.0242243	0.201373	0.310775	-3.21717	0.956742	1.04563	0.7263	0.7263	1.37683	0.10263	0.51689	0.754223	1
cg06286089	KCNQ1OT1;KCNQ1;KCNQ1	0.245521	0.837611	0.875305	-1.14246	0.249832	2.18254	2.18254	0.0847508	0.290192	-3.44599	0.380386	0.557693	-1.7931	0.136231	0.35278	-2.83463	0.814321	0.858402	-1.16496	0.0315818	0.194774	-5.13415	0.660729	0.750784	-1.33194	0.82592	0.866795	-1.15368	0.65187	11.0189	5.9294	1
cg26804733	BAT3;BAT3;BAT3;BAT3	0.245523	0.1725306	0.7014	0.7014	0.2039	0.556434	0.556434	0.3165655	0.863439	-1.87186	0.177	0.729577	-1.37058	0.0125453	0.550683	-1.81679	0.0778647	0.422426	-2.3729	0.0970301	0.422411	-2.36736	0.404324	0.615548	-1.62488	0.199619	0.550147	-1.8177	0.65187	0.508735	2.73756	1
cg01687037	ZNF839	0.245533	0.496183	1.11441	1.11441	0.553763	0.93037	-1.09845	0.438152	1.132	1.132	0.392384	0.871649	-1.14725	0.346001	1.16433	1.16433	0.864195	1.0272	1.0272	0.0268768	0.662998	-1.5083	0.254586	1.20502	1.20502	0.293781	0.843053	-1.18617	0.61583	0.642985	0.346006	1
cg11185188	PHKA2	0.245535	0.129063	1.477	1.477	0.1609155	1.44134	1.44134	0.396634	1.22958	1.22958	0.332323	1.26887	1.26887	0.0708351	1.616991	1.616991	0.929409	1.87663	1.87663	0.29198	1.29587	1.29587	0.155025	1.4676	1.4676	0.320557	1.2771	1.2771	1.65181	1.48316	0.798132	1
cg26266931	OPA3;OPA3;OPA3;OPA3	0.245538	0.568523	0.710252	-1.40796	0.189827	2.29413	2.29413	0.0763766	0.519287	1.19287	?	0.679069	1.47291	0.0796569	1.27991	1.27991	0.537799	1.44839	1.44839	0.0953306	0.31081	-3.21781	0.0496623	3.87666	3.87666	0.0753343	3.29829	3.29829	1.71561	8.30624	2.79135	1
cg02778551	C5orf50;C5orf50;C5orf50	0.245543	0.38147	0.959048	-1.16408	0.183715	0.767638	-1.26952	0.414618	0.868361	-1.15159	0.60196	0.914781	-1.09316	0.0420216	0.672624	-1.48672	0.088528	0.727576	-1.37443	0.477645	1.12998	1.12998	0.360217	1.17259	1.17259	0.642573	1.08232	1.08232	1.65178	0.749439	0.403302	1
cg20302217	NRP1;NRP1;NRP1	0.245546	0.443877	1.74611	1.74611	0.4058323	1.62932	1.62932	0.1558	1.68899	1.68899	0.574557	1.84855	1.84855	0.0143235	2.62804	2.62804	0.247126	1.12542	1.12542	0.316913	1.14062	1.14062	0.0947195	1.42642	1.42642	0.0206318	1.14062	1.14062	1.65177	0.95689	0.623158	1
cg12457773	NRSN1;NRSN1	0.24555	0.171169	1.17802	1.17802	0.637792	0.948075	-1.05477	0.0170394	1.38693	1.38693	0.704005	1.04385	1.04385	0.203548	1.16289	1.16289	0.308469	1.12584	1.12584	0.394067	0.906503	-1.10314	0.844077	1.02239	1.02239	0.815634	1.02661	1.02661	1.65176	0.330766	0.178001	1
cg02523173	NIN01	0.245552	0.602806	1.10431	1.10431	0.420781	1.24255	1.24255	0.205954	0.777135	-1.28678	0.171097	0.759257	-1.31708	0.0854675	1.4323	1.4323	0.215296	1.27953	1.27953	0.818981	1.04404	1.04404	0.375722	0.807135	-1.23895	0.157712	0.882269	-1.13216	1.65175	0.993426	0.502808	1
cg08833562	CCNF	0.245553	0.203324	0.518577	-1.92835	0.0308957	0.285557	-3.45356	0.260776	0.563509	-1.77456	0.778316	0.871084	-1.148	0.999079	1.00056	1.00056	0.234809	0.543907	-1.83855	0.233444	0.542769	-1.8424	0.247023	0.20273	0.20273	0.932618	0.959489	-1.04222	1.65174	0.25609	3.36673	1
cg02130555	NSUN7	0.245553	0.213611	0.848994	-1.17786	0.672324	1.05462	1.05462	0.808967	1.03074	1.03074	0.45798	1.09908	1.09908	1.138941	1.2203	1.2203	0.152435	1.21119	1.21119	0.0440276	1.33544	1.33544	0.381991	1.1186	1.1186	0.402125	1.898357	-1.11314	1.65174	0.408768	0.219979	1
cg04472039	CDNL1	0.245554	0.5775304	1.04753	1.04753	0.2577	1.19273	1.19273	0.2223745	1.331959	-1.10242	0.246104	1.1704436	1.1704436	0.2994914	1.2078586	1.2078586	0.668063	0.8399	-1.19052	0.2424126	1.2729	1.2729	0.0770351	1.42442	1.42442	0.0134227	1.36736	1.36736	0.0401324	1.45686	0.199619	0.550147	1.81677	0.65187	0.508735	0.73756	1
cg22960255	TRIP12	0.245557	0.175855	2.64982	2.64982	0.642904	1.3718	1.3718	0.372446	1.89388	1.85889	0.258072	2.22339	2.22339	0.334822	1.96096	1.96096	0.427657	1.73034	1.73034	0.0603861	4.19508	4.19508	0.036431	5.18862	5.18862	0.055163	4.35783	4.35783	1.65173	11.9922	6.45368	1
cg09392386	AXIN2	0.245565	0.1290663	1.47776	1.47776	0.169155	1.44134	1.44134	0.396634	1.22958

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg26285512	TEPP;TEPP	0.465608	0.751127	-1.33133	0.0508722	1.223318	-4.32306	0.0419119	0.2110708	4.67929	0.454161	1.65173	1.05373	0.581277	0.6930171	0.44285	0.130824	0.34171	-2.02639	0.507027	0.642704	-1.55093	0.592618	0.70385	-1.42684	0.544363	1.49756	1.65095	11.3264	6.09825	1
cg00785025	UMOD1;UMODL1	0.245766	0.28989	0.607984	-1.64478	0.0437266	2.85818	0.0858077	2.40349	2.40349	0.377339	0.663419	-1.50734	0.750127	1.15574	1.15574	0.255759	0.584249	-1.7116	0.806276	1.11773	1.11773	0.99632	1.00209	1.00209	0.912594	1.051	1.051	1.60594	5.36553	2.88889	1
cg21339084	LIMS2;LIMS2;LIMS2;LIMS2	0.245768	0.513198	0.840952	-1.18913	0.0887407	1.63305	1.63305	0.361893	0.78285	-1.27738	0.248242	1.37067	1.37067	0.366262	0.785501	-1.27304	0.178375	0.688309	-1.45284	0.667713	0.893126	-1.11956	0.337013	1.29508	1.29508	0.149488	0.66784	-1.49736	1.65093	1.78418	0.960633	1
cg19586382	BCHN1;TAF1;TAF1	0.245774	0.164754	0.118824	-8.41579	0.790134	0.683157	-1.46371	0.875825	0.778717	-1.25201	0.204249	0.858975	0.85875	0.346141	0.432521	0.432521	0.043213	0.035409	-28.2451	0.498407	2.68524	2.68524	0.44328	0.375308	0.375308	0.407037	0.40937	0.6509	54.0085	29.0795	1
cg02833146	C1Sorf27	0.245777	0.798835	0.88748	-1.12679	0.130456	2.14561	2.14561	0.121205	2.19392	2.19392	0.505959	0.729457	-1.37088	0.033742	0.31308	3.19407	0.689151	0.828661	-1.20677	0.683778	1.23096	1.23096	0.872357	0.927599	-1.07805	0.861118	0.921409	-1.08529	1.65089	5.71247	3.07576	1
cg19877103	LYNX1;LYNX1	0.245778	0.167678	0.403469	-2.4785	0.630115	1.34916	1.34916	0.76717	0.832554	-1.20112	0.460172	0.828692	-1.50566	0.025812	0.195217	-5.1225	0.7838	1.18501	1.18501	0.0609949	0.271637	-3.68139	0.283205	0.502484	-1.99011	0.40458	0.590749	-1.69276	0.61589	0.996041	5.36298	1
cg18391058	CHD5	0.24578	0.164696	1.41382	1.41382	0.0153625	0.499077	-2.0037	0.782928	0.937519	-1.06665	0.56362	1.14613	1.14613	0.395489	0.816037	-1.22544	0.762787	1.07328	1.07328	0.977462	0.993422	-1.00662	0.830264	1.05143	1.05143	0.611025	1.1273	1.1273	1.65088	1.42696	0.768324	1
ch.16.12302898	GNAO1;GNAO1	0.245781	0.645316	0.870887	-1.14825	0.132068	0.386821	-2.58517	0.995858	0.967761	-1.0009	0.462669	0.799316	-1.25107	0.947562	0.94271	-1.0616	0.353621	1.53049	1.53049	0.746114	0.907376	-1.10208	0.863957	0.949984	-1.05265	0.523851	1.21322	1.21322	1.65088	2.34059	1.26025	1
cg09374493	GPR3	0.245782	0.799291	0.960854	1.033	0.0227216	0.415551	2.401733	1.18742	1.18742	0.549738	0.08017	1.08017	1.08017	0.932554	1.01231	1.01231	0.845765	1.33883	0.83687	0.978688	-1.01278	0.449078	1.10329	1.10329	0.363403	1.1264	1.1264	1.65087	0.424575	0.228606	1
cg00231483	CBLN2	0.245788	0.104815	0.49358	-2.02601	0.635863	1.20923	1.20923	0.733241	1.14598	1.14598	0.540616	1.27984	1.27984	0.51509	0.768808	-1.30071	0.769406	1.12422	1.12422	0.142305	0.53351	-1.87438	0.0469709	0.40425	-2.47372	0.295242	1.54089	1.54089	1.65085	4.14823	2.23358	1
cg00208961	LOC91948;LOC91948	0.245793	0.629161	1.13111	1.13111	0.0779571	0.164595	1.49495	1.239465	0.80973	-1.49543	0.866618	1.37338	1.37338	0.200476	1.58661	1.58661	0.155944	1.6808	1.6808	0.0202964	2.60427	-1.55093	0.592618	0.70385	-1.42684	0.544363	1.49756	1.65085	3.05946	1.64736	1
cg14114517	LHX1;LHX1	0.245799	0.868817	1.05931	1.05931	0.218669	1.57544	1.57544	0.0140593	2.90118	2.90118	0.500477	0.786422	-1.27158	0.652417	0.852775	-1.17268	0.747659	0.892786	-1.12009	0.713486	1.13833	1.13833	0.654602	1.30682	1.30682	0.195508	1.61765	1.61765	1.65081	3.2271	1.79765	1
cg16592133	EDEM1	0.245803	0.528386	0.846825	-1.18088	0.434045	1.21959	1.21959	0.132363	0.655276	-1.52608	0.402415	0.800076	-1.24988	0.329551	1.3044	1.3044	0.959013	1.10347	1.10347	0.591323	1.15152	1.15152	0.107364	1.58302	1.58302	0.0803983	0.603626	-1.65665	1.65079	1.77531	0.953784	1
cg00098280	KIAA0112	0.245803	0.0292382	0.770255	-1.29827	0.887345	0.986063	-1.01413	0.875405	1.06577	1.06577	0.282986	0.894855	-1.1175	0.642866	1.04737	1.04737	0.127125	0.847607	-1.17979	0.347725	1.0092	1.0092	0.498344	1.07059	1.07059	0.706924	1.03813	1.03813	1.73035	0.259918	0.118197	1
cg10090866	VPS13D;VPS13D	0.245809	0.61142	0.846247	-1.18169	0.491846	0.796538	-1.25543	0.874006	0.949607	-1.05307	0.649862	1.16057	1.16057	0.0113058	0.355706	-2.81131	0.141126	0.597081	-1.67482	0.462169	0.783576	-1.2762	0.539558	1.22431	1.22431	0.888517	0.955326	-1.04676	1.65077	2.77577	1.49466	1
cg12140975	HPCA	0.245818	0.727426	0.90401	-1.10618	0.241802	0.702349	-1.42379	0.309252	0.738253	-1.35455	0.884318	1.04288	1.04288	0.27793	0.722249	-1.38456	0.250283	1.41407	1.41407	0.0427497	0.510364	-1.95939	0.121304	0.616038	-1.62328	0.446682	1.25068	1.25068	1.65074	2.17441	1.17088	1
cg02562809	HPCA;HPCA;HPCA;

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Probeset ID	UCSC_REFGENE_NAME NUP62,NUP62,NUP62,IL4I1;ATF5;NUP6	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg04428535	2	0.246155	0.305787	0.731784	-1.36652	0.983732	1.00602	0.606939	1.12559	1.125559	0.373653	0.764187	-1.30858	0.271096	0.713611	-1.40132	0.759551	1.09462	1.09462	0.0147023	0.412975	-2.42146	0.362997	1.31696	1.31696	0.4185003	0.783917	-1.27565	1.64946	2.265558	1.22092	1
cg26876664	HDAC4	0.246156	0.267639	0.439394	-2.27586	0.0744193	0.242797	-4.11866	0.0797746	0.250422	-3.99326	0.395163	0.53785	-1.85925	0.316846	0.478587	-2.08949	0.929646	1.06491	1.06491	0.45022	0.578159	-1.72963	0.200905	2.6169	2.6169	0.1233723	0.305044	-3.27822	1.64945	13.2488	7.13979	1
cg12221642	ATP11A;ATP11A	0.246158	0.353335	1.15911	1.15911	0.894439	0.979648	-1.02074	0.43566	1.13086	1.13086	0.102626	0.761286	-1.31357	0.816387	0.964675	-1.03662	0.599646	1.08527	1.08527	0.037933	1.45082	1.45082	0.377158	1.15042	1.15042	0.284247	0.841974	-1.18769	1.64945	0.624588	0.336091	1
cg14806636	NAV2;NAV2;NAV2	0.246162	0.109114	0.580489	-1.72269	0.382513	1.32152	1.32152	0.243894	0.684178	-1.46161	0.508809	0.811685	-1.232	0.460989	1.26319	1.26319	0.545946	1.20954	1.20954	0.060309	1.88243	1.88243	0.252017	1.45135	1.45135	0.558215	0.831668	-1.2024	1.64943	2.53146	1.36422	1
cg19568544	PCDHB5;PCDHB5	0.246163	0.444404	2.18382	2.18382	0.863025	1.1918	1.1918	0.133986	4.91764	4.91764	0.422658	2.20724	2.20724	0.37171	3.099161	-2.50526	0.280106	0.324888	-1.07799	0.642156	0.625883	-1.59775	0.0314609	12.523	12.523	0.308318	2.87445	1.64943	26.1832	14.1157	1
cg26281921	C7orf28B	0.246163	0.518655	0.697367	-1.43397	0.0626206	3.17149	3.17149	0.673911	1.26256	1.26256	0.522058	1.42966	1.42966	0.189168	0.464751	-2.15169	0.94543	0.962994	-1.03843	0.0498904	0.291713	-3.42803	0.803473	1.14724	1.14724	0.62515	0.762431	-1.31159	1.64943	7.92738	4.27213	1
cg19857840	EIF2C2;EIF2C2	0.246164	0.324807	1.15241	1.15241	0.569401	1.01145	1.01145	0.904966	1.02453	1.02453	0.540238	0.85186	-1.20212	0.246439	1.43316	1.43316	0.621163	0.862513	-1.1594	0.0256328	2.19712	2.19712	0.153188	1.61765	1.61765	0.355243	0.754099	-1.32624	1.64941	2.30276	1.24099	1
cg23796243	SLU42H1;SLU42H1	0.246173	0.148706	0.477681	-2.09346	0.289411	0.591827	-1.68968	0.798351	1.12976	1.12976	0.834286	1.10509	1.10509	0.777114	-1.50447	-1.98229	0.483763	0.712153	-1.40419	0.0406124	0.324472	-3.08193	0.0522592	0.348873	-2.86637	0.237051	0.553827	-1.80562	1.64939	5.94378	3.20323	1
cg27357232	RELL1;RELL1	0.246178	0.120152	2.19149	2.19149	0.0474153	0.348023	-2.87337	0.461335	0.705391	-1.41765	0.392068	1.5039	1.5039	0.903894	0.945337	-1.05782	0.218758	1.8257	1.8257	0.257988	0.577346	-1.73206	0.992886	1.00416	1.00416	0.659313	0.813451	-1.22933	1.64937	5.65747	3.04896	1
cg20720618	ESR1;ESR1;ESR1;ESR1	0.246178	0.215549	0.59181	-1.68999	0.0759338	1.37262	1.37262	0.141911	0.744183	-1.3452	0.150976	1.7313	1.7313	0.0606763	1.6048	-2.6038	0.508353	1.1705	1.1705	0.853829	1.06798	1.06798	0.198445	1.64371	1.64371	0.0400869	2.33041	1.64937	3.32247	1.79056	1
cg24115264	TMSTF1;TNFSF11	0.24618	0.514397	0.543579	-1.83966	0.242002	0.91261	1.09261	0.864853	1.17006	1.07006	0.607204	0.619982	-1.61295	0.373619	0.430833	-2.32109	0.727749	0.724543	-1.38018	0.920694	0.912276	-1.09616	0.0134653	16.7881	16.7881	0.567413	1.7039	1.7039	1.64936	22.2042	11.9665	1
cg18420143	DLG6;ACAD7L;ACAD7L;DLG4	0.246185	0.0563483	0.8063267	-1.24028	0.3750338	1.09488	1.09488	0.922883	0.990407	-1.00969	0.180218	1.1522	1.1522	0.662017	0.957155	-1.04476	0.124767	1.17992	1.17992	0.429811	0.188354	1.08354	1.095041	1.11417	1.11417	0.281085	1.11799	1.11799	1.64934	0.2538898	0.159529	1
cg00336149	CACNA1D;CACNA1D;CACNA1D	0.246191	0.32467	0.725647	-1.37808	0.563946	0.832	-1.20192	0.238919	0.677808	-1.47534	0.02198	0.402467	-2.3783	0.22511	0.6801671	-1.49439	0.551839	1.20901	1.20901	0.597227	1.8309	1.8309	0.794522	1.08578	1.08578	0.139677	0.605846	-1.65058	1.64932	2.5969	1.39958	1
cg23559636	RAD21	0.246193	0.128492	0.272719	-3.60725	0.831065	0.8445355	-1.18154	0.349583	0.47148	-2.12098	0.340904	0.464705	-2.1519	0.210748	0.357111	-2.80025	0.0781696	0.216946	-6.40945	0.0293099	0.1347	-7.42391	0.168792	0.31825	-3.14218	0.135048	0.284221	-3.51839	1.64931	15.9271	8.58383	1
cg24284678	TMEM121	0.246195	0.674829	1.16464	1.16464	0.482721	1.32994	1.32994	0.139853	2.17852	2.17852	0.17503	2.12808	2.12808	0.217865	1.59717	-1.56953	0.0553743	1.23802	1.23802	0.0147424	2.18607	2.18607	0.0253247	2.21899	2.21899	0.726098	1.13547	1.13547	1.64931	1.227	1.227	0.2726055	1.51046	1.51046	1.6493	1.40821	1.83685	1
cg06481699	CUX1;CUX1	0.246196	0.186666	0.752847	-1.36454	0.130675	1.4368	1.4368	0.353459	0.808974	-1.23613	0.324124	1.25371	1.25371	0.140239	0.703049	-1.42237	0.252145	0.766732	-1.30424	0.14791	0.708445	-1.41154	0.758803	0.933901	-1.07078	0.579958	1.13368	1.13368	1.6493	1.28784	0.694079	1
cg16440808	UPF1	0.246197	0.598107	0.777416	-1.29632	0.637729	1.36037	1.36037	0.653478	0.792172	-1.26235	0.538876	0.75819	-1.35467	0.0204451	0.259918	-1.9075	0.0422408	0.319322	-3.13164	0.738538	1.17755	1.17755	0.924297	1.04746	1.04746	0.905281	0.940376	-1.0598	1.6493	6.2178	3.55109	1
cg20852890	C2orf55	0.246199	0.662641	0.741636	-1.34837	0.836913	0.869262	-1.15067	0.162814	2.757777	2.757777	?	?	?	?	?	?	?	?	?	0.0531962	4.14845	4.14845	0.243717	2.29445	2.29445	1.67389	6.828805	6.52666	1
cg26780743	PLXNB3;PLXNB3	0.246201	0.501195	1.2716	1.2716	1.320427	1.43523	1.43523	0.830275	0.927235	-1.07848	0.0594868	2.11415	2.11415	0.0763314	0.499578	-2.00169	0.388557	1.36481	1.36481	0.535791	1.24693	1.24693	0.188354	1.63324	1.63324	0.284085	1.47943	1.47943	1.64928	3.2356	1.74384	1
cg06640728	INTS1	0.246201	0.34182	0.790819	-1.26481	0.4743	1.18853	1.18853	0.202737	1.38018	1.38018	0.397248	0.8124551	-1.23064	0.188757	0.716113	-1.3904	0.523598	1.16752	1.16752	0.0487841	1.71464	1.71464	0.170105	1.15547	1.15547	0.372484	1.24531	1.64927	0.8082566	1.4097	0.8082566	1
cg16411863	TGFB3	0.246207	?	?	?	0.0747134	3.8796	3.8796	?	?	?	0.427532	1.70836	1.70836	0.499656	0.636321	-1.57153	0.607785	0.711244	-1.40599	?	?	?	0.1210353	0.320975	-3.11551	0.881933	1.10246	1.10246	1.80077	7.79658	4.32957	1
cg27378035	FAM133B;FAM133B	0.246214	0.901938	1.04804	1.04804	0.947124	1.32533	1.32533	0.19316	1.6891	1.6891	0.855239	1.07199	1.07199	0.900139	1.04955	1.14025	0.546218	1.2617	1.2617	0.01419	0.316076	-1.6318	0.840111	0.925987	-1.07993	0.488718	1.307	1.307	1.64923	3.07677	2.03988	1
cg24319718	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.246217	0.506211	0.90688	-1.10268	0.83729	1.03025	1.03025	0.714722	1.05464	1.05464	0.616564	1.07591	1.07591	0.84823	0.972616	1.02815	0.0541329	1.37267	1.37267	0.102841	0.772107	-1.29516	1.22284	0.830576	-1.20398	0.177585	1.23091	1.23091	1.64922	0.54857	0.295665	1
cg19782171	LOC728723;ZBED3	0.246218	0.153738	0.425389	4.25389	0.656102	1.50323	1.50323	0.558008	0.582457	-1.71686	?	?	?	0.227596	0.326954	3.26954	0.105762	0.46583	5.46583	?	?	?	0.501182	0.535609	-1.86703	0.191465	0.272262	-3.67294	1.91431	17.7497	6.62296	1
cg04403637	CDK18	0.246223	0.781115	0.926574	-1.07954	0.0658936	1.75935	1.75935	0.0148658	1.87822	1.87822	0.244074	1.73763	-1.39606	0.0159402	0.933684	-1.07048	0.39112	0.798485	1.25279	0.0756145	1.29706	1.29706	0.899579	-1.11163	0.0755145	1.29706	0.908254	-1.10101	1.6492	1.97576	1.0552	1
cg13566674	C9orf40	0.246224	0.415589	1.256	1.256	0.0405519	0.523159	-1.91147	0.122248	0.632045	-1.58216	0.631552	1.14151	1.14151	0.638138	0.878305	-1.13856	0.902695	1.03407	1.03407	0.358428	0.772067	-1.29523	0.309353	0.749626	-1.334	0.0822215	0.590134	-1.69453	1.6492	1.95989	1.05635	1
cg03912229	SAPS2	0.246224	0.899064	1.00923	1.00923	0.0158837	0.83816	1.26864	0.663458	0.74502	-1.34226	0.40042	0.40042	-2.49758	0.168348	0.805203	-1.24107	0.953963	1.06459	-1.04003	0.0945488	0.495359	-2.01866	0.937107	1.00964	1.00964	0.988994	0.990654	-1.00943	1.6492	12.1042	6.52398	1
cg01603757	RAC2	0.246224	0.139656	0.32052	-3.11993	0.840222	0.865451	-1.15547	0.506891	0.657529	-1.61936	0.106635	0.283337	-3.52937	0.0467773	0.196011	-5.10175	0.10035	0.275649	-3.6278	0.0984687	0.273528	-3.65593	0.157668	0.348979	-2.8655	0.193733	0.373674	-2.67613	1.6492	13.3848	7.21417	1
cg18943812	PXDN	0.246229	0.300091	1.24892	1.24892	0.0695861	0.656978	-1.52212	0.0577749	0.641426	-1.55903	0.366482	1.21172	1.21172	0.462892	0.856695	-1.16728	0.720038	0.92821	-1.07734	0.471005	0.859173	-1.16391	0.619238	0.901501	-1.10926	0.150542	0.726908	-1.37569	1.64918	1.11911	0.603188	1
cg27048446	FAM135B	0.246231	0.229634	1.64828	1.64828	0.218502	1.0295	1.0295	0.0625686	2.16105	2.16105	0.243994	1.30349	1.30349	0.341569	1.45961	-1.25005	0.125257	1.65977	1.65977	0.137762	1.73538	1.73538	0.915224	1.96912	-1.01186	0.864891	1.608183	1.64927	1.889397	2.09635	1	
cg17663406	GRID1	0.246239	0.359628	0.590393	-1.69379	0.0165105	0.194226	-5.14865	0.0342551	0.251078	-3.98282	0.800635	0.867993	-1.15208	0.416272	0.628234	-1.59176	0.722506	0.819146	-1.22078	0.717886	0.816286	-1.22506	0.40254	0.61921	-1.61496	0.604734	0.746662	-1.33929	1.64914	8.17591	4.40683	1
cg24411340	RSHOM1;ZRANB3	0.246241	0.911958	1.04804	1.04804	0.947124	1.32533	1.32533	0.19316	1.6891	1.6891	0.855239	1.07199	1.07199	0.900139	1.04955	1.14025	0.546218	1.2617	1.2617	0.01419	0.316076	-1.6318	0.840111	0.925987	-1.07993	0.488718	1.307	1.307	1.64923	3.07677	2.03988	1
cg09815793	POU3F4	0.246242	0.263121	0.441958	-2.26266	0.687674	0.753632	-1.32691	0.868643	1.12282	1.12282	0.0455377	4.97763	4.97763	0.851189	0.876827	-1.14048	0.0649909	0.234505	-4.2643	0.202934	0.390341	-2.56186	0.71898	0.776547	-1.28775	0.721274	0.778236	-1.28496	1.64913	12.7945	6.89634	1
cg05622686	NDRG4;NDRG4;NDRG4	0.246244	0.484906	1.34213	1.34213	0.0560679	2.45264	2.45264	0.0520923	2.49953	2.49953	0.535125	1.29745	1.29745	0.388617	0.693288	-1.4424	0.920579	1.04221	1.04221	0.700868	0.852117	-1.17355	0.753781	0.877697	-1.13935	0.23602	0.5976	-1.67336	1.64912	4.48955	2.4199	1
cg20946753	HDAC4	0.246248	0.351078	0.730554	-1.36894	0.0743124	0.489572	-2.04256	0.0977746	0.694183	-1.44043	0.203991	1.95864	1.95864	0.0594123	0.454042	-2.20231	0.765938	1.16303	1.16303	0.107958	2.734	2.734	0.306079	1.69995	1.69995	0.252741	1.81877	1.81877	1.6491	0.54817	0.32955	1
cg24403497	PRKAB2	0.246249	0.0872046	0.79036	-1.26525	0.787493	1.03423	1.03423	0.650214	1.05852	1.05852	0.676539	1.05366	1.05366	0.0814932	1.27195	1.27195	0.665153	0.947196	-1.05575	0.229457	0.854619	-1.17011	0.757044	1.03942	1.03942	0.109068	1.24321	1.24321	1.6491	0.405356	0.218493	1
cg13705391	PIRT1	0.246252	0.180625	0.74067	-1.34982	0.474815	1.18321	1.18321	0.183874	1.66288	1.66288	0.598152	0.823203	-1.21477	0.30273	0.477373	-2.09473	0.435566	0.2316	-4.31806	0.0210455	0.4837	4.1032	0.0615947	0.40025	0.16166	0.154475	0.43675	0.43675	1.64909	28.664	15.4024	1
cg25328154	RPS6KB2	0.246254	0.681047	1.16994	1.16994	0.204768	1.66219	1.66219	0.363313	1.54289	1.54289	0.702131	1.15711	1.15711	0.134524	1.13973	1.13973	0.144601	1.83117	1.83117	0.0112285	3.54142	3.54142	0.6881	1.16561	1.16561	0.146637	1.80695	1.80695	1.64908	3.76663	2.03029	1
cg01096752	FTL	0.246258	0.335203	1.32705	1.32705	0.19931	1.47128	1.47128	0.607881	1.15877	1.15877	0.626429	1.14989	1.14989	0.0385898	0.505509	-1.9782	0.328168	0.750233	-1.33292	0.609761	1.15786	1.15786	0.269636	1.38723	1.38723	0.275326	1.38145	1.38145	1.64907	2.11731	1.14128	1
cg15008813	PDGFRL	0.246262	0.110902	0.266067	-3.75902	0.60775	1.56465	1.56465	0.0822977	2.71474	-1.81832	0.609722	0.858209	1.16458	0.0422705	0.374081	-2.67211	0.271582	0.395355	-2.52907	0.313974	0.449094	-2.2267	0.430885	0.521192	-1.91868	0.378825	0.481151	-2.07855	1.64906	0.9675	0.4609	1
cg16504785	PRDM16;PRDM16	0.246262	0.303681	0.741981	-1.34774	0.667555	1.89228	1.89228	0.865905	0.955121	-1.04699	0.865832	0.588439	-1.69941	0.975102	0.774906	-1.29048	0.873437	1.04642	1.04642	0.342534	1.31514	1.31514	0.875212	1.04501	1.04501	0.358115	0.767416	-1.30307	1.64905	2.04952	1.10475	1
cg20483113	ZBTB4;PDLIM2A	0.246263	0.786361	0.910954	-1.09782	0.5203	1.34633	1.34633	0.164747	1.70403	-1.24745	0.154009	0.8398	-1.19074	0.451436	0.535037	-1.86902	0.0784577	0.0973	-10.2764	0.0139202	0.3624	2.9074	0.0755485	1.37956	1.37956	0.0108254	-1.10101	1.6492	1.97576	1.0552	1	
cg13666674	PRRT3	0.246264	0.265858	1.26841	1.26841	0.0603849	1.54541	1.54541	0.932118	1.01766	1.01766	0.281803	1.25847	1.25847	0.367287	1.20968	1.20968	0.13257	1.39595	1.39595	0.551976	0.883662	-1.13165	0.252907	1.27819	1.27819	0.0382708	1.63806	1.63806	1.64904	1.10332	0.594726	1
cg21259903	HIF1A	0.246267	0.124347	2.75073	2.71073	0.110015	2.83023	2.83023	0.0109	3.28908	3.28908	0.0136299	2.68008	2.68008	0.0136299	0.40042	0.40042	0.647588	1.33678	1.33678	0.805203	1.843037	1.843037	0.11838	2.93503	2.93503	0.0127693	2.14636	2.14636	1.64903	0.57996	0.50614	1
cg22036503	HEBP2	0.246269	0.382958	0.738607	-1.35393	0.72113	0.884107	-1.13108	0.862428	1.0605	1.0605	0.110706	0.555119	1.80142	0.0203028	0.388035	-2.57709	0.751802	0.898112	-1.11343	0.368823	1.36495	1.36495	0.643883	0.854152	-1.17071	0.15637	0.598417	-1.67107	1.64903	2.99523	1.65455	1
cg01224451	PTPRN2;PTPRN2;PTPRN2	0.246271	0.321241	0.804077	-1.24366	0.491848	1.16015	1.16015	0.511957	0.868031	-1.15203	0.227273	0.763598	-1.30959	0.796683	0.945544	-1.05647	0.123087	1.42683	1.42683	0.178785	1.35518	1.35518	0.06843	0.647862	-1.54354	0.933058	1.01804	1.01804	1.64902	1.18248	0.637405	1
cg07503203	MYOM2	0.246273	0.0554199	0.6504	-1.53756	0.0873574	1.12647	1.12647	0.0458702	2.18472	-1.14388	0.594364	0.688087	-1.4548	0.0847997	0.674218	-1.48308	0.0847084	1.12688	1.12688	0.0129612	0.179756	-5.72226	0.0441004	0.301309	-3.31885	0.0441	0.26109	-3.82945	1.64901	0.74745	0.37485	1
cg19112750	HCN3	0.246273	0.696471	1.15613	1.15613	0.447809	1.33149	1.33149	0.989612	0.995194	-1.00483	0.99962	1.00018	1.00018	0.154768	0.886659	-1.12783	0.454555	1.32565	1.32565	0.13649	1.81064	1.81064	0.016352	2.96301	2.96301	0.090876	1.9923	1.9923	1.64901	3.57674	1.92802	1
cg24776427	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEI	0.246275	0.262825	1.30644	1.30644	0.179247	0.718394	-1.39199	0.127859	0.682753	-1.46466	0.5819	1.1376	1.1376	0.762966	1.07264	1.07264	0.393816	1.22444	1.22444	0.0767973	1.57813	1.57813	0.549548	0.869035	-1.1507	0.316891	0.786736	-1.27107	1.649	1.40356	0.756587	1
cg06469229	PDE4D;PDE4D	0.246281	0.0993593	0.46649	5.46649	0.175454	3.87609	3.87609	0.156586	4.19033	4.19033	0.578076	1.69396	1.69396	0.517437	0.537316	-1.8611	0.467154	2.00521	2.00521	0.0841883	0.828767	-1.20661	0.0249707	12.2862	12.2862	0.454281	2.04779	2.04779	1.64898	21.0931	12.4484	1
cg00459962	CCDC201	0.246283	0.717947	1.14084	1.14084	0.482721	1.32994	1.32994	0.139853	2.17852	2.17852	0.17503	2.12808	2.12808	0.217865	1.59717	-1.56953	0.0553743	1.23802	1.23802	0.0147424	2.18607	2.18607	0.0253247	2.21899	2.21899	0.726098	1.13547	1.13547	1.64934	1.227	1.227	0.2726055	1.51046	1.51046	1.6493	1.40821	1.83685	1
cg11384014	CLSTN2	0.246289	0.45209	0.520969	-1.9195	0.0388284	7.66078	7.66078	0.111097	4.38164	4.38164	0.732365	0.746629	-1.33935	0.145205	0.264086	-3.78664	0.705727	0.724052	-1.38112	0.952351	0.950408	-1.05218	0.892631	0.891413	-1.12181	0.487933	0.548925	-1.82174	1.64895	18.9207	10.1995	1
cg15365588	RPA3	0.246292	0.173332	1.69885	1.69885	0.0916257	1.74067	1.74067	0.474815	1.18321	1.18321	0.183874	1.66288	1.66288	0.598152	0.823203	-1.21477	0.30273	0.477373	-2.09473	0.435566	0.2316	-4.31806	0.0210455	0.4837	4.1032	0.132909	0.132909	0.132551	0.542218	-1.84421	1.64894	3.4941	1.88166	1
cg17828307	MAD1L1;MAD1L1;MAD1L1	0.246292	0.963297	0.98681	-1.01337	0.268111	0.71688	-1.39493	0.254992	0.709687	-1.40907	0.457443	1.24401	1.24401	0.107105	0.600532	-1.66519	0.216337	1.45559	1.45559	0.265978	1.83019	1.83019	0.88603	0.959462	-1.04225	0.926617	0.973769	-1.02694	1.64894	2.17438	1.17214	1
cg10776372	ZCCHC12 SLC26A11;SLC26A11;SLC26A11;SLC9H;SL	0.246295	0.24937	1.92776	1.92776	0.643031	1.28976	1.28976	0.878909	0.920242	-1.08667	0.101532	0.376292	-2.65751	0.127766	0.407493	-2.45403	0.133276	2.41806	2.41806	0.346085	1.69725	1.69725	0.295112	0.553243	-1.80752	0.631876	0.76862	-1.30103	1.64893	7.76237	4.18447	1
cg10860652	C26A11	0.246297	0.956631	1.01389	1.01389	0.888153	1.60988	1.60988	0.044701	1.79434	1.79434	0.159452	1.2103	1.2103	0.0535503	0.954194	0.048	0.9349	1.02094	1.02094	0.473565	1.20311	1.20311	0.0315106	1.89576	1.89576	0.424189	1.23005	1.23005	1.64892	1.68062	0.905978	1
cg14321859	DLC1 KCNMB3;KCNMB3;KCNMB3;KCNMB3;K	0.246298	0.343337	1.15628	1.15628	0.448666	0.891501	-1.1217	0.376146	0.873631	-1.14465	0.228884	0.828758	-1.20662	0.470474	0.896544	-1.11539	0.182208	0.810098	-1.23442	0.0379036	1.43053	1.43053	0.44583	0.808936	-1.12254	0.863825	0.97479	-1.02586	1.64891	0.577803	0.311479	1
cg21531444	CNMD3;KCNMB3	0.246301	0.665317	1.08208	1.08208	0.0186092	0.596231	-1.6772	0.871876	0.971168	-1.02906	0.981432	0.99579	-1.00423	0.251018	0.804613	-1.24283	0.633089	0.916516	-1.09109	0.162631	1.31021	1.31021	0.351233	0.840179	-1.18994	0.804575	1.04596	1.04596	1.6489	0.8580807	0.462534	1
cg08783253	ADCZ;ADCZ	0.246303	0.27806	1.72152	1.72152	0.0494733	2.0449	-1.1444	0.130359	2.45297	-1.39637	0.675931	0.492439	-2.03071	0.0509348	0.798624	-1.25238	0.150224	1.32275	1.32275	0.187342	0.985209	-1.01511	0.921998	1.47029	1.47029	0.0560169	1.33093	1.33093	1.64889	0.5845	0.32515	1
cg03581459	PACS2;PACS2	0.246304	0.424754	1.24453	1.24453	0.312043	0.755292	-1.32399	0.172049	1.47714	1.47714	0.20291	1.43436	1.43436	0.60927	0.870804	-1.14836	0.278072	0.738832	-1.35349	0.205178	0.698571	-1.43149	0.14594	0.657761	-1.52031	0.300255	1.33385	1.33385	1.6889	1.8807	1.01385	1
cg01002313	FLI23867 ZNF74;ZNF743;ZNF174;ZNF174;ZNF17	0.246307	0.316602	0.663826	-1.50642	0.799705	1.10586	1.10586	0.640712	1.20444	1.20444	0.218547	1.5992	1.5992	-1.66889	0.0143277	0.302705	-3.30355	0.424626	0.724197	-1.38084	0.449428	1.35667	1.35667	0.754215	1.13235	1.13235	0.514353	0.76975	-1.29912	1.64888	4.09004	2.20488	1
cg10183541	4	0.246307	0.169923	1.41178	1.41178	0.688756	0.909389	-1.09964	0.186398	1.39159	1.39159	0.869387	1.03959	1.03959	0.149595	0.690238	-1.44878	0.570435	1.14485	1.14485	0.0426924	0.576719	-1.73395	0.872538	1.0186	1.0186	0.908897	0.970108	-1.02983	1.64888	1.45327	0.783436	1
cg13516087	KNTC1;RSRC2;RSRC2;RSRC2	0.246312	0.0773914	0.74738	-1.33818	0.4798	1.40391	1.40391	0.213853	1.30094	1.30094	0.88549	1.02941	1.02941	0.0258309	0.72

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. 047 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. 117 vs. N)	Fold-Change(1 vs.1127)	p-value(1127 vs. 127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. 477 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. 537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. 37 vs. N)	Fold-Change(1 vs.5637)	p-value(5637 vs. 637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg15407811	CHYBA2;CHYBA2;CHYBA2	0.2464491	0.0856518	12.7474	12.7474	1.00488476	15.3047	15.3047	0.07504667	14.2409	14.2409	0.182202	6.66587	6.66587	0.520524	0.417845	-2.39323	0.893993	1.19557	1.19557	0.580658	0.473509	-1.21189	0.86475	0.942508	-1.061	0.3377182	3.76496	1.64817	46.8587	25.2718	1
cg09879526	SDCCAG8;AKT3	0.246496	0.935091	0.9802	-1.0202	0.960264	0.987842	-1.01231	0.3746666	1.25072	1.25072	0.710162	0.09599	1.095948	0.154854	1.143554	1.143554	0.072548	1.63545	1.63545	0.0312233	0.212553	2.12553	0.974793	1.00779	1.00779	0.2665523	1.32874	1.32874	1.64817	1.5735	0.84862	1
cg00396051	HSPC159	0.246508	0.82043	1.06233	1.06233	0.0926723	1.635668	1.635668	0.1133	1.58136	1.58136	0.48365	0.827534	-1.20841	0.709604	1.10459	1.10459	0.377467	0.785973	-1.27231	0.0995198	1.616326	1.616326	0.122131	1.56138	1.56138	0.6127788	0.873086	-1.14536	1.64812	1.84603	0.995631	1
cg23807009	MDMA;MDM4	0.246511	0.7593106	0.9132022	-1.07294	0.9135775	2.03177	2.03177	0.1345991	1.24874	1.24874	0.8037164	1.05864	1.05864	0.696443	0.9141575	-1.09388	0.9161653	0.9805058	-1.01958	0.1990014	0.7278361	-1.37395	0.52807	1.14515	1.14515	0.1966181	1.36738	0.7374383	1
cg21525244	ZBTB5	0.246525	0.0134998	0.552907	-1.80862	0.388057	0.842452	-1.18701	0.962939	0.990106	-1.00905	0.336907	1.221551	1.221551	0.539658	1.12787	1.12787	0.65641	1.09065	1.09065	0.947462	0.987311	-1.01285	0.424325	1.17131	1.17131	0.6574403	1.090335	1.64805	0.9802229	0.528693	1
cg09475813	GJB3;GJB3	0.246532	0.41982	0.813041	-1.23298	0.1114498	0.643738	-1.55343	0.01742552	0.479255	-2.08657	0.332687	0.775754	-1.28907	0.494154	0.8382265	-1.19294	0.988784	1.00158	1.00158	0.506057	1.18702	1.18702	0.524871	1.17789	1.17789	0.4979312	0.83959	-1.19106	1.64803	1.68519	0.9088311	1
cg08759150	ZFAND3	0.246533	0.0876382	0.324069	-3.0857	0.0436323	0.249987	-4.00021	0.229728	0.470865	-2.12375	0.925796	0.945847	-1.05725	0.05027568	0.263488	-3.79524	0.421302	0.612027	-1.63391	0.566446	0.707271	-1.41389	0.759663	1.20128	1.20128	0.217736	0.460724	-2.1705	1.64802	9.32303	5.02853	1
cg17572663	ELP3;ELP3	0.246534	0.621882	1.0959	1.0959	0.451752	1.15168	1.15168	0.106395	1.38373	1.38373	0.499967	0.881503	-1.13443	0.713771	1.07075	1.07075	0.120773	0.719487	1.39035	0.113372	0.728367	-1.37283	0.901246	1.07359	1.07359	0.1711118	1.30791	1.30791	1.64802	0.8859645	0.4179688	1
cg17806661	CACNG2	0.246535	0.978015	0.990674	-1.00941	0.431127	1.31257	1.31257	0.61443	1.18853	1.18853	0.67332	0.95573	-1.04637	0.9753	0.981301	-1.01906	0.988037	1.00511	1.00511	0.0097698	0.329183	-3.03783	0.290493	0.688655	-1.4521	0.8122334	0.922271	1.02488	1.64802	3.01781	1.62771	1
cg03316107	RBAK	0.246544	0.154789	0.638614	-1.56589	0.153636	0.636102	-1.57207	0.87383	0.954279	-1.04791	0.62767	0.865947	-1.15481	0.821422	0.93555	-1.06884	0.0802245	0.56466	-1.77098	0.194919	0.667806	-1.49744	0.180434	1.52022	1.52022	0.30386	1.36835	1.36835	1.64798	2.26354	1.22091	1
cg20109381	C11orf60;C11orf60	0.246549	0.641095	1.07454	1.07454	-1.04422	0.826516	1.09739	1.09739	1.10345	1.10345	0.983326	1.003148	1.003148	0.223615	1.56538	1.56538	0.377975	0.860461	-1.16217	0.544127	0.992622	-1.00825	0.872425	0.964339	-1.03698	0.1865773	1.2619	1.64796	0.7204424	0.3880586	1
cg12441919	SLC6A9;SLC6A9;SLC6A9	0.24655	0.0068437	0.538537	-1.96527	0.0913587	0.294464	-3.39601	0.27528	0.740249	-2.1093	0.360999	1.85426	1.85426	0.153508	0.367904	-2.7181	0.747512	1.23664	1.23664	0.286759	2.006968	2.006968	0.328786	1.94018	1.94018	0.279953	2.00292	2.00292	1.64796	11.2857	6.08757	1
cg19263974	TEAD4;TEAD4;TEAD4	0.246552	0.728971	0.934127	-1.07052	0.243175	0.78272	-1.27819	0.539495	0.884419	-1.13098	0.09153387	0.694896	-1.43906	0.737097	1.06823	1.06823	0.269335	0.797255	-1.2543	0.0373058	1.160666	1.160666	0.912817	0.978773	-1.02169	0.5992844	0.8998898	-1.11236	1.64795	1.000166	0.5402888	1
cg18318945	GNAL;GNAL;GNAL	0.246553	0.0226588	0.395898	-2.5259	0.528289	0.804961	-1.2423	0.960903	1.04321	1.04321	0.75501	1.11215	1.11215	0.126716	0.5706661	-1.75235	1.08851	0.55221	-1.81091	0.443417	1.3039	1.3039	0.770763	0.905547	-1.1043	0.981345	0.992092	-1.00797	1.64795	3.00971	1.62341	1
cg22734676	ENPP6	0.246554	0.481994	1.26614	1.26614	0.0958065	1.82851	1.82851	0.25593	1.47925	1.47925	0.983067	0.993017	-1.00703	0.844691	1.0669	1.0669	0.631911	1.12727	1.12727	0.0528555	0.62089	0.62089	0.062694	2.37557	2.37557	0.99503	0.997945	-1.00206	1.64794	2.84567	1.53494	1
cg05984044	GABBR1	0.246554	0.3503622	1.2781	1.2781	0.178763	1.34022	1.34022	0.657731	1.09572	1.09572	0.861474	1.03645	1.03645	0.228726	0.588596	1.61896	0.2203025	1.31716	1.31716	0.409408	0.841176	-1.18881	0.979785	1.00521	1.00521	0.6006633	0.9212263	-1.08547	1.64794	1.09685	0.5916232	1
cg15455110	LOC100128675;LOC100128675	0.246555	0.512254	0.704444	-1.41956	0.0128566	0.19625	-5.09554	0.227179	0.51258	-1.95092	0.844356	0.901577	-1.10917	0.201346	0.491022	-2.03657	0.539839	0.720966	-1.38703	0.388449	0.62756	-1.59347	0.26932	0.54577	-1.83227	0.455266	1.49313	1.49313	1.64794	7.25186	3.91161	1
cg02954488	WDR55	0.246557	0.2000032	1.34618	1.34618	0.0164521	1.90346	1.90346	0.051905	1.1926	1.1926	0.542895	1.34251	1.34251	0.176535	1.37195	1.37195	0.170468	1.37788	1.37788	0.810917	0.94873	-1.05404	0.564552	1.38401	1.38401	0.2605551	1.29393	1.29393	1.64793	1.52853	0.6788466	1
cg07189087	RAX	0.246496	0.1704466	1.2194	1.2194	0.1704466	0.790457	-1.26509	0.758476	1.09749	1.09749	0.506496	1.225237	1.225237	0.597928	0.5708533	-1.75033	0.487959	1.23702	1.23702	0.239152	0.689265	-1.45082	0.011889	1.58003	1.58003	0.803531	1.10794	1.10794	1.64793	1.73846	1.28262	1
cg20123637	TF	0.246562	0.174319	3.23603	3.23603	0.455768	1.85396	1.85396	0.568509	1.59741	1.59741	0.373266	2.1018	2.1018	0.224103	2.82319	2.82319	0.397328	2.02246	2.02246	0.0221088	9.30035	9.30035	0.0648608	5.39216	5.39216	0.1099399	4.12055	4.12055	1.64791	17.2366	9.29748	1
cg04908416	C14orf181	0.246575	0.102138	1.328402	1.328402	0.284624	0.826516	0.872237	-1.14636	0.4823204	0.246178	-4.0621	0.2443821	0.4823219	-2.13575	0.1387151	0.3709312	1.29605	0.2513391	0.474408	-2.10789	0.0979742	0.3254451	3.07011	0.0725526	0.3004357	-3.32169	0.243258	0.46594	-2.1462	0.67587	10.306	5.45138	1
cg22524332	ARHGEF10L;ARHGEF10L	0.246578	0.157358	0.241258	-4.14494	0.359499	2.42524	2.42524	0.609294	1.6223	1.6223	0.393106	0.439273	-2.27649	0.0575131	0.132661	-7.53803	0.188058	0.269371	-3.71236	0.115963	0.200573	-4.98572	0.915587	1.10484	1.10484	0.188153	0.2694455	-3.71119	0.64785	23.0771	12.4483	1
cg03326943	MRVI1;KAP4A1	0.246581	0.754634	1.07402	1.07402	0.228878	1.11731	1.11731	0.846653	0.9469593	-1.05637	0.663312	1.14114	1.14114	0.527825	1.15984	1.15984	0.647348	1.11082	1.11082	0.0108841	0.508345	-1.96862	0.442706	0.837242	-1.1944	0.2626272	1.30473	1.30473	1.64791	2.709335	1.64809	1
cg27220681	RNMTL1;GLOD4	0.246584	0.808841	0.967977	-1.03308	0.770778	1.04001	1.04001	0.198176	0.833079	-1.20037	0.697707	1.05381	1.05381	0.54918	0.921835	1.08479	0.21375	1.1922	1.1922	0.0398563	0.726839	-1.37582	0.220576	0.841183	-1.1888	0.128213	1.80186	-1.2471	1.64783	0.4706225	0.253869	1
cg12283398	ZBTB46	0.246584	0.7964402	1.23156	1.23156	0.0351096	0.724551	0.724551	0.316873	2.30145	2.30145	0.113693	0.400063	0.400063	0.118203	0.746676	-1.33927	0.64436	1.4542	1.4542	0.0374411	1.804091	1.80409	0.23725	0.738923	-1.35332	0.5899114	1.1422	1.1422	1.64773	1.55821	0.8405933	1
cg27226902	STAC	0.246585	0.687675	1.19814	1.19814	0.2977008	0.534209	1.18718	0.121558	1.3301	1.3301	0.429023	1.19688	1.19688	0.413125	1.342015	1.342015	1.76	7	7	0.0139511	1.174243	1.17424	0.0470505	2.3419	2.3419	0.299335	1.9252	1.9252	1.64777	7.36373	3.97253	1
cg04372436	ATCAY	0.246593	0.17228	2.1323	2.1323	0.145619	0.443	-2.25734	0.0385053	0.348855	0.348855	0.854313	0.908644	-1.10054	0.219851	1.95895	1.95895	0.530351	0.717994	-1.39277	0.347796	1.65506	1.65506	0.626282	1.29147	1.29147	0.732011	1.19622	1.19622	1.64779	7.08939	3.82431	1
cg25348504	PPYR1	0.246595	0.921822	0.878896	-1.02355	0.432822	1.012257	1.012257	0.43751	0.8467749	-1.18238	0.6786228	0.654124	-1.52876	0.1527793	0.770934	-1.29682	0.659403	0.908136	-1.10117	0.6859392	0.602092	-1.66055	0.183206	0.63082	-1.44994	0.3349292	1.2239	1.2239	1.64779	1.23124	0.6642724	1
cg07184922	COPS7B	0.246596	0.518913	0.844317	-1.18439	0.125725	0.651284	-1.53543	0.164746	0.8013	0.8013	0.5618	0.9015	0.9015	0.365382	0.786212	1.27192	0.194805	0.701229	-1.42607	0.127439	0.652746	-1.53199	0.257529	1.3577	1.3577	0.19452	0.701052	1.42643	1.64778	1.74788	0.942882	1
cg14093289	WDR88	0.246598	0.418483	0.770375	-1.29807	0.334938	0.730678	-1.36859	0.537221	1.21794	1.21794	0.833878	1.06852	1.06852	0.549306	0.825975	-1.21069	0.288809	1.41548	1.41548	0.0371194	2.14616	2.14616	0.405437	0.764452	-1.30813	0.157791	0.620899	-1.61057	1.64778	2.59863	1.40183	1
cg00155468	C12orf73	0.246606	0.248786	0.805704	-1.24106	0.4206	0.872237	-1.14636	0.4823204	0.246178	-4.0621	0.2443821	0.4823219	-2.13575	0.1387151	0.3709312	1.29605	0.2513391	0.474408	-2.10789	0.0979742	0.3254451	3.07011	0.0725526	0.3004357	-3.32169	0.243258	0.46594	-2.1462	0.67587	10.306	5.45138	1
cg01057656	CBLC;CBLC;CBLC;CBLC	0.246607	0.186864	0.56488	0.564488	0.2949966	33.333	33.333	0.989283	0.982257	-1.01806	0.583284	2.09506	2.09506	7	7	0.231069	0.200039	-4.99902	7	7	0.63319	1.89951	1.89951	0.968723	0.94908	-1.05365	1.75153	36.7589	21.2466	1
cg11086642	UPP1	0.246609	0.7954634	1.07402	1.07402	0.228878	1.11731	1.11731	0.846653	0.9469593	-1.05637	0.663312	1.14114	1.14114	0.527825	1.15984	1.15984	0.647348	1.11082	1.11082	0.0108841	0.508345	-1.96862	0.442706	0.837242	-1.1944	0.2626272	1.30473	1.30473	1.64777	2.709335	1.64809	1
cg26866348	LRRC14B	0.246609	0.122017	0.646922	-1.54578	0.136805	0.659368	-1.5166	0.353222	1.28174	1.28174	0.685184	0.899508	-1.11172	0.069371	0.588951	-1.69534	0.130242	0.653978	-1.5291	0.579689	1.15647	1.15647	0.202147	0.704731	-1.41898	0.976428	1.00771	1.00771	1.64773	1.76209	0.950582	1
cg00071897	LOXL1	0.246611	0.345286	0.788581	-1.2681	0.977616	0.993168	-1.00688	0.179042	0.705535	-1.41736	0.89446	1.00471	1.00471	0.19874	0.717593	-1.39355	0.662159	1.11342	1.11342	0.0374411	1.804091	1.80409	0.23725	0.738923	-1.35332	0.5899114	1.1422	1.1422	1.64773	1.55821	0.8405933	1
cg03402161	GAUN9	0.246618	0.568064	1.08154	1.08154	0.2135139	0.575132	-1.73873	0.311496	0.9043913	-1.10542	0.643737	1.28103	1.28103	0.0939643	0.781552	-1.27933	0.414914	1.04951	-1.52683	0.1139467	0.827005	-2.3419	0.229935	1.9252	1.9252	0.576226	1.34976	1.34976	1.6477	7.36373	3.97253	1
cg13149736	LYPD6B	0.246624	0.571589	1.36337	1.36337	0.0150831	0.04989	1.04989	0.538352	1.40184	1.40184	0.6292	1.30187	1.30187	0.73131	0.8295534	1.2055	0.807342	0.875932	-1.14164	0.4407663	0.631773	-1.58285	0.128823	2.43498	2.43498	0.675568	0.795952	-1.25636	1.64768	7.67149	4.13861	1
cg09384846	ACSM5	0.246627	0.494387	0.774532	-1.29139	0.0134708	0.5481508	1.824733	0.1487851	0.257851	-3.8782	0.3797553	0.4552398	-2.19708	0.0127144	0.1315324	-7.6022	0.336504	0.418952	-2.38651	0.1363647	0.244244	-4.09427	0.0178355	0.3184	0.871896	1.10241	1.10241	1.64768	0.952475	0.513901	1
cg02940454	GATAD2B	0.246635	0.49577	0.930007	-1.07526	0.645228	1.04979	1.04979	0.767902	1.03154	1.03154	0.794885	0.973037	-1.02771	0.4702	1.08013	1.08013	0.513825	0.932893	-1.07193	0.1141123	0.727736	-1.37472	0.429549	0.842127	-1.18747	0.8587059	1.01896	1.01896	1.64764	1.28723	0.1549558	1
cg05926918	ATP2C2	0.246636	0.213399	1.34278	1.34278	0.239708	1.31909	1.31909	0.295911	1.2761	1.2761	0.295037	1.27671	1.27671	0.502007	0.857898	-1.16564	0.563118	1.14054	1.14054	0.298434	1.27436	1.27436	0.075514	0.640777	-1.56061	0.253576	0.764745	-1.30762	1.64763	1.32044	0.71237	1
cg24129198	FMNL3;FMNL3;FMNL3	0.246637	0.7886644	1.07402	1.07402	0.228878	1.11731	1.11731	0.846653	0.9469593	-1.05637	0.663312	1.14114	1.14114	0.527825	1.15984	1.15984	0.647348	1.11082	1.11082	0.0108841	0.508345	-1.96862	0.442706	0.837242	-1.1944	0.2626272	1.30473	1.30473	1.64763	2.709335	1.64809	1
cg10475680	RUNDC2A	0.246639	0.987322	1.00562	1.00562	0.379525	0.726628	-1.37812	0.0234308	0.384568	-2.60032	0.585493	0.82335	-1.21455	0.0432987	0.440257	-2.2714	0.163473	0.591609	-1.6903	0.287603	0.677268	-1.47652	0.952345	1.02132	1.02132	0.52644	0.797287	-1.25425	1.64762	3.25066	1.75373	1
cg16174680	NKX6-3	0.246639	?	?	?	?	0.985097	-1.01516	0.2502782	0.72322	-1.38277	0.2552	0.72322	-1.38277	0.2552	0.640098	1.56257	0.084689	1.49757	1.49757	0.0133802	0.114374	8.74203	0.0140073	1.94676	1.94676	0.0134726	0.133892	7.46502	1.64762	1.64762	1.64762	1
cg12703768	AMK20	0.246645	0.130373	0.696626	-1.43549	0.130826	1.43478	1.43478	0.472306	1.17559	1.17559	0.499522	0.859266	-1.16378	0.980925	1.0053	1.0053	0.195882	1.35345	1.35345	0.122376	1.44842	1.44842	0.506631	0.863485	-1.16079	0.295784	0.786702	-1.27113	1.6476	1.27775	0.689345	1
cg20590849	MIF4GD	0.246651	0.556203	0.768593	-1.30108	0.539998	1.31566	1.31566	0.0472321	2.72903	2.72903	0.210547	2.19731	2.19731	0.439347	0.914199	-1.09385	0.102547	0.453622	2.20443	0.107447	2.572152	1.30917	0.365484	1.07785	1.07785	0.681505	0.833207	-1.20018	1.64758	5.10208	2.75264	1
cg05376185	MOBKL2C	0.246651	0.0816168	0.220575	-4.53361	0.148753	0.297342	-3.36313	0.541099	0.615977	-1.62344	0.805639	0.82442	-1.21297	0.126471	0.273976	-3.64996	0.0939669	0.236391	-4.23028	0.0679538	0.201676	-4.95845	0.428035	0.530618	-1.88459	0.0747465	0.211281	-4.73303	1.64758	16.0052	8.63502	1
cg04405874	CA13	0.246655	0.529863	0.887377	-1.12665	0.470102	1.15093	1.15093	0.615655	1.10165	1.10165	0.746087	1.16412	1.16412	0.269123	1.34107	1.34107	0.251939	1.25727	1.25727	0.0813312	1.7658	1.7658	0.133207	1.82597	-1.21097	0.8813312	0.960014	-1.04165	1.64756	0.9548677	0.5151568	1
cg01582977	GAUK1	0.246659	0.682852	0.626409	-1.5964	?	?	?	?	?	?	?	?	?	?	?	?	0.004732	0.117481	8.51204	0.259186	0.253432	-3.94583	0.311425	3.39118	3.39118	0.296819	1.53012	1.53012	1.64755	20.0032	19.1431	1
cg21140963	RGMA;RGMA	0.246663	0.0200437	1.56351	1.56351	0.556369	1.07944	1.07944	0.228831	1.06776	1.06776	0.161893	1.24466	1.24466	0.732196	0.956825	-1.04512	0.511287	0.976963	-1.08937	0.9178865	1.01334	1.01334	0.787387	0.962924	-1.03851	0.073217	1.29266	1.29266	1.64753	0.432974	0.219164	1
cg08516247	SLC12A7	0.246666	0.492681	0.858402	-1.16495	0.0827975	1.52341	1.52341	0.1943	1.15108	1.15108	0.731265	0.927236	-1.07847	0.433178	1.19156	1.19156	0.855637	0.960878	-1.04071	0.6972302	0.60223	0.60223	-1.66023	0.221838	0.57929	-1.72649	0.5596605	0.879725	-1.13801	1.64752	1.52598	0.6760919	1
cg19623429	FAM66C	0.246666	0.0525011	2.3229	2.3229	0.444999	1.34668	1.34668	0.171124	1.74553	1.74553	0.593536	1.22867	1.22867	0.816402	0.915118	-1.09275	0.363514	1.42902	1.42902	0.692064	1.16436	1.16436	0.0222049	2.85181	2.85181	0.205003	1.6673	1.6673	1.64752	3.81301	2.05724	1
cg26216232	RAB11FIP1;RAB11FIP1;RAB11FIP1	0.246666	0.1170197	0.5041	0.5041	0.1964854	0.2552	0.2552	0.0295141	0.225205	0.27851	0.0975718

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Probeset ID	UCSC_REFGENE_NAME MUTH;MUTH;MUTH;MUTH;TOE1;MUTH;	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. 117 vs. N)	Fold-Change(1127 vs. N)	p-value(1137 vs. 127 vs. N)	Fold-Change(1137 vs. N)	p-value(1217 vs. 137 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. 537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. 37 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 vs. 637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	SS(Test)	SS(Error)
cg12629689	MUTH;MUTH	0.246961	0.576624	0.858874	-1.16431	0.824988	1.06155	1.06155	0.587294	1.15929	0.155923	0.255853	0.72621	-1.37701	0.01281112	2.30208	2.30208	0.632848	0.878261	-1.13861	0.327773	1.31319	1.31319	0.767871	1.0831	1.0831	0.930921	0.976887	-1.02366	1.4644	1.89686	1.02411	1
cg20821314	PDIA6	0.246966	0.05863116	0.170732	-5.85712	0.776086	0.789805	-1.26613	0.690461	1.39269	1.39269	0.909894	0.910573	-1.09821	0.164439	0.293033	-3.41258	0.811838	0.820909	-1.21816	0.0319684	0.124979	-8.00136	0.543256	1.66391	1.66391	0.2496646	0.369504	-2.70633	1.64639	17.8549	9.6399	1
cg26324978	S100Z;S100Z	0.246967	0.389643	1.43245	1.43245	0.172497	1.80747	1.80747	0.594435	0.832261	-1.24493	0.334192	0.666279	-1.50307	0.953341	0.976424	-1.02414	0.119991	0.502759	-1.98903	0.195828	0.572541	-1.7466	0.0841558	2.17925	2.17925	0.0929094	0.996427	-1.00359	1.64638	4.3336	2.33973	1
cg16266698	TRAK1;TRAK1	0.246967	0.978459	1.01048	1.01048	0.184552	1.72266	1.72266	0.932081	1.03347	0.0368856	0.392087	-2.55046	0.152029	0.865576	-1.15397		0.235334	0.61854	-1.61671	0.117651	0.518742	-1.92774	0.539824	1.27092	1.27092	0.373716	0.702798	-1.42288	1.64638	3.88998	2.10022	1
cg14420567	OBSCN;OBSCN	0.246968	0.06262278	0.53437	-1.90705	0.594944	1.1798	1.1798	0.05262696	0.507233	-1.97156	0.942079	1.02264	1.02264	0.230674	0.678794	-1.4732	0.194215	0.654956	-1.52682	0.497338	1.23653	1.23653	0.476748	0.800175	-1.24973	0.2010771	0.659651	-1.51595	1.64638	2.45749	1.33653	1
cg03621100	LOC253724;HS9P0B1	0.24697	0.279916	0.530876	-1.88368	0.987411	1.00893	1.00893	0.939761	1.04353	1.04353	0.376484	0.599515	-1.66802	0.0076036	0.144416	-6.92446	0.785185	1.16652	1.16652	0.653745	0.775273	-1.28987	0.853658	1.1097	1.1097	0.902384	0.933166	-1.07162	1.64637	8.28677	4.4741	1
cg03131641	SNRK;SNRK	0.246978	0.809165	0.932948	-1.06547	0.402856	0.724231	-1.38077	0.412714	1.37112	1.37112	0.755467	0.888925	-1.13495	0.637784	0.836337	-1.19569	0.59848	1.12173	1.12173	0.0315467	0.10022	3.05022	0.371459	0.707916	-1.4132	0.3698937	0.7062	-1.41503	1.64634	3.7036	1.99964	1
cg20182266	CMTM4;CMTM4	0.246983	0.687324	1.10355	1.10355	0.494442	0.848754	-1.1782	0.8862399	0.966733	-1.03441	0.314458	1.24043	-1.24043	0.0402073	0.704722	-1.4199	0.138622	0.686056	-1.45761	0.0348675	0.559231	-1.78817	0.0402473	0.74772	-1.3374	0.1219112	0.672828	-1.48626	1.64632	1.4565	0.7864	1
cg04631804	CASP6;CASP6	0.246986	0.396082	1.17608	1.17608	0.419488	0.857371	-1.16636	0.748816	0.941984	-1.06159	0.328776	0.82834	-1.20723	0.79232	0.952101	-1.05031	0.953904	1.01081	1.01081	0.01924	0.557449	-1.79389	0.339405	1.20195	1.20195	0.967646	0.992486	-1.00757	1.70545	0.9142555	0.416949	1
cg06577985	CA10;CA10;CA10	0.246987	0.945723	1.06023	1.06023	0.0966758	0.407984	1.40758	0.188609	1.78566	1.78566	0.0189095	0.669095	-1.49355	0.955864	1.05411	1.05411	0.317107	0.737189	1.35636	0.355864	0.1144423	8.73954	0.0140748	1.13497	1.13497	0.1144611	0.177114	5.64511	1.64631	23.8142	12.858	1
cg10940540	SHF	0.246987	0.356497	0.779345	-1.28313	0.838265	0.947693	-1.05519	0.027873	1.98008	1.98008	0.225424	1.39747	1.39747	0.171777	1.46581	1.46581	0.102608	1.59921	1.59921	0.8365051	0.10582	9.52804	0.0498	1.183	1.183	0.4138636	1.24557	1.24557	1.6463	1.80174	0.972816	1
cg06701800	CDT1	0.246988	0.860812	0.880964	-1.12238	0.533676	1.51388	1.51388	0.427891	0.587162	-1.70311	0.657311	0.745494	-1.34139	0.0373564	0.230728	-4.23426	0.582716	0.615487	-1.44053	0.4360561	0.51451	-1.94351	0.0157366	1.4841	1.4841	0.1043	1.1283	1.24557	1.6463	1.6204	0.9024	1
cg02010025	DZIP1;DZIP1L	0.246992	0.0937931	-1.55515	-6.43024	0.184684	1.01932	1.01932	0.547437	0.801089	-1.2483	0.412842	0.429324	-2.32934	0.033853	0.0819183	-12.2073	0.187041	0.243566	-4.10567	0.106269	0.68399	-1.46209	0.93827	0.205557	0.68399	-3.80242	0.1229112	0.18489	-5.40864	1.64629	26.9936	14.3589	1
cg00246390	ENPP5	0.246992	0.761771	0.819631	-1.22006	0.5710101	0.244594	-4.08841	0.233265	0.401007	-2.2691	0.977215	1.01886	1.01886	0.182244	0.396091	-2.52467	0.66903	0.754793	-1.32487	0.144756	0.2786	3.58955	0.202059	2.41369	2.41369	0.781437	1.19955	1.19955	1.64629	11.1578	6.02451	1
cg00222053	GHRH	0.246999	0.615267	1.13365	1.13365	0.2209701	1.55707	1.55707	0.956881	1.15051	1.15051	0.882343	1.03964	1.03964	0.0408564	0.811799	-1.2483	0.0710514	1.69792	1.69792	0.0299448	0.195549	1.95549	0.623688	1.13862	1.13862	0.1226888	1.54297	1.54297	1.64625	1.79095	0.970255	1
cg25458298	DYM	0.247	0.0763524	0.423172	-2.36311	0.518917	1.33004	1.33004	0.840074	1.09213	1.09213	0.719015	1.17068	1.17068	0.171329	0.529803	-1.8875	0.150504	0.510604	-1.95847	0.142345	0.502631	-1.98953	0.195257	0.550187	-1.81756	0.103223	0.459607	-2.17577	1.64626	4.96018	2.67823	1
cg27554954	ANXA2;ANXA2;ANXA2;ANXA2	0.247012	0.25426	1.66577	1.66577	0.789605	0.891694	-1.12456	0.1305	0.505796	-1.97708	0.288076	0.60441	1.60441	0.0343178	0.347043	-2.88248	0.983805	1.00874	1.00874	0.9606868	1.02125	1.02125	0.412055	1.43263	1.43263	0.486297	1.35422	1.35422	1.64621	4.79046	2.58666	1
cg20714490	KREMEN2;KREMEN2	0.247014	0.524483	1.94933	-1.0153	0.493337	1.11764	1.11764	0.125513	1.50303	-1.30303	0.088694	0.738602	-1.35391	0.328713	0.580929	-1.72519	1.00676	0.749813	-1.33367	0.5364645	0.9046653	-1.10538	0.743808	0.948841	-1.05392	0.546586	0.783654	-1.27607	1.4642	0.66855	0.360992	1
cg10381502	C1orf51	0.247016	0.958134	1.04061	1.04061	0.256777	2.45375	2.45375	0.0174881	0.111529	-8.96629	0.725894	0.765724	-1.30595	0.774397	1.24351	1.24351	0.518221	1.64335	1.64335	0.236989	2.55888	2.55888	0.768513	0.799458	-1.25085	0.478572	1.7269	1.7269	1.6462	14.9943	8.09638	1
cg08327423	ISCU;ISCU;SART3	0.247017	0.273843	1.64029	1.64029	0.332988	1.88427	1.88427	0.0564	0.516197	1.93593	1.93593	1.55645	1.55645	0.28441	1.62347	1.62347	1.62347	1.62347	1.62347	0.775244	1.1325	1.1325	0.0914112	0.726031	0.855481	-1.16854	0.742533	0.8665511	1.15405	1.15405	1.64618	1.64619	4.92557	2.65964	1
cg14546641	SEM4D;SEM4D	0.247018	7	7	7	0.462305	1.27394	1.27394	0.438735	1.29117	1.29117	0.819967	1.07655	1.07655	0.477582	1.2632	1.2632	0.543427	0.819542	-1.22019	0.0916371	0.429859	2.48959	0.314736	1.39988	1.39988	0.0946521	1.81193	1.81193	1.65104	2.43352	1.47393	1
cg09494571	CDK4L;CDK4L1	0.247025	0.340099	0.922443	-1.08408	0.1419755	0.880729	-1.13542	0.2626599	1.2407	1.2407	0.79341	0.97068	-1.03078	0.0982632	1.00792	1.00792	0.201807	1.11703	1.11703	0.655152	0.9637653	-1.0376	0.935213	0.993342	-1.0067	0.680786	0.966604	-1.03455	1.64619	0.175786	0.049819	1
cg20039944	TRIAP1;GATC	0.247026	0.685295	0.667514	-1.4981	0.269476	3.12951	3.12951	0.456949	2.12034	2.12034	0.241092	0.295978	-3.37863	0.184999	0.247918	-4.03359	0.326967	1.366424	-2.72908	0.209563	3.71373	3.71373	0.283031	3.02412	3.02412	0.101908	5.9077	5.9077	1.64616	25.6609	13.8563	1
cg25927375	KIRREL3	0.24703	0.754667	0.944235	-1.05906	0.300466	0.821684	-1.21701	0.872749	0.971085	-1.02978	0.461657	0.871821	-1.14702	0.443606	0.866776	-1.1537	0.137275	1.34041	1.34041	0.0266468	0.161744	6.1744	0.790074	0.952539	-1.04983	0.467149	0.873435	-1.14504	1.64614	0.8735544	0.471699	1
cg10018374	TMEM198	0.247032	0.449584	1.08254	1.08254	0.0244606	0.78	1.28	0.00408565	0.64729	-1.54493	0.0255952	0.74092	-1.34985	0.0139865	0.740922	-1.35009	0.829477	1.20557	1.20557	0.0290448	0.829477	1.20557	0.0290448	0.829477	1.20557	0.0290448	0.829477	1.20557	0.0290448	1.64613	2.18256	1.34134	0.81427	1
cg19336577	SAFB;SAFB2	0.247033	0.735985	1.06137	1.06137	0.593106	1.09957	1.09957	0.252002	0.8310104	-1.23441	0.0152244	1.68973	1.68973	0.515406	1.12308	1.12308	0.108434	1.36094	1.36094	0.705194	1.06918	1.06918	0.793394	1.04728	1.04728	0.816878	1.04167	1.04167	1.64613	0.807444	0.43601	1
cg19477312	C1orf59;C1orf59	0.247035	1.239193	1.11955	1.11955	0.109627	0.724204	-1.38083	0.567103	1.13966	1.13966	0.440041	-1.19042	0.839766	0.129065	1.08409	1.08409	0.318591	1.16648	1.16648	0.5384599	1.06809	1.06809	0.917388	1.10706	1.10706	0.21143	1.40901	1.40901	1.64611	2.39102	1.29168	1
cg16861209	SLC17A5	0.247042	0.125203	1.77311	1.77311	0.125961	1.70775	1.70775	0.624913	1.18536	1.18536	0.235688	1.53552	1.53552	0.166426	1.7212	1.7212	0.0618964	2.0659	2.0659	0.0346107	2.34015	2.34015	0.346241	1.39758	1.39758	0.346949	1.39686	1.39686	1.6461	2.10489	1.67663	1
cg19974994	C9orf61	0.247043	0.840993	0.893175	-1.1196	0.752891	1.19438	1.19438	0.703815	1.23963	1.23963	0.861923	0.906733	-1.10286	0.117698	0.384598	-2.60012	0.252457	1.95873	1.95873	0.0247943	0.222251	-4.49417	0.861555	0.906494	-1.10315	0.205951	0.4722	-2.11775	1.64609	8.24606	4.45287	1
cg15081886	LOC441860;LOC441869	0.247052	0.947591	0.960874	1.04121	0.912813	1.20564	1.20564	0.165159	0.469449	-2.4785	0.709858	1.25438	1.25438	0.880149	1.09591	1.09591	0.509888	1.06649	1.06649	-1.50056	0.022003	5.30039	0.819042	1.14926	1.14926	0.143262	1.29857	1.29857	1.64606	0.6085	0.18869	1
cg10573505	CACNA1E	0.247054	0.516151	0.66678	-1.49675	0.252724	0.085645	2.08645	0.054737	0.832423	3.82423	0.470402	1.57155	1.57155	0.534516	0.68149	-1.46737	0.241535	0.47015	-2.12698	0.402806	1.69399	1.69399	0.15277	0.3606225	-2.77296	0.860231	0.897178	1.11461	1.64605	9.88033	5.3355	1
cg21082122	TSC1	0.247055	0.420243	1.44343	1.08408	0.1419755	0.880729	-1.13542	0.2626599	1.2407	1.2407	0.79341	0.97068	-1.03078	0.0982632	1.00792	1.00792	0.201807	1.11703	1.11703	0.655152	0.9637653	-1.0376	0.935213	0.993342	-1.0067	0.680786	0.966604	-1.03455	1.64619	0.175786	0.049819	1
cg09375063	ACTL6B	0.247057	0.221643	1.2846	1.2846	0.583368	1.11403	1.11403	0.320697	0.8187011	-1.22144	0.384571	1.18983	1.18983	0.179915	1.32004	1.32004	0.639153	1.09644	1.09644	0.154203	0.742771	-1.34631	0.073862	0.67812	-1.47466	0.673435	0.920683	-1.08615	1.64604	0.9908877	0.53509	1
cg26924127	RD3;RD3	0.247063	0.6568634	0.20348	-4.91448	0.1610633	0.210248	-4.75628	0.0810879	0.239591	-4.17377	0.340219	0.483771	-2.0671	0.113817	0.280558	-3.56432	0.24277	0.40531	-2.46718	0.268913	0.427139	-2.34116	0.122511	0.290448	-3.44296	0.489412	0.595256	-1.67995	1.64602	14.2282	7.68357	1
cg09577663	HEPACAM	0.247066	0.1690515	1.94	1.94	0.0203883	0.5255	1.9303	0.0238	0.7265	1.37625	0.0407225	0.74357	-1.34543	0.0145543	0.740922	-1.35009	0.829477	1.20557	1.20557	0.0290448	0.829477	1.20557	0.0290448	0.829477	1.20557	0.0290448	0.829477	1.20557	0.0290448	1.64602	2.18256	1.34134	0.81427	1
cg19975543	STT3A	0.247067	0.184681	0.827628	-1.20827	0.130448	0.24562	1.24562	0.30161	0.86596	-1.15479	0.468429	0.905561	-1.10429	0.252428	0.851498	-1.1744	0.10793	0.789878	-1.26602	0.284187	1.16138	1.16138	0.845542	0.974114	-1.02657	0.37897	1.12905	1.12905	1.646	0.471402	0.254571	1
cg18864680	MIR665	0.247069	0.00309309	0.397573	-2.51526	0.109527	0.311556	-1.94719	0.4328555	0.729278	-1.35267	0.674564	0.818336	-1.22096	0.0124251	0.545501	-1.83297	0.299004	0.675795	-1.47974	0.3905991	0.911622	-1.09705	0.868222	0.4775532	-2.09391	0.211305	0.618932	-1.61569	1.6459	3.64479	1.9857	1
cg02729269	MPG;MPG;MPG 2NF268;2NF268;2NF268;2NF268;2NF268;2NF26 8;2NF268;2NF268;2NF268;2NF268;2NF268;2NF2	0.24707	0.168648	0.784648	-1.27475	0.25731	1.2161	1.2161	0.921101	1.01653	1.01653	0.684558	1.06993	1.06993	0.914607	1.07169	1.07169	0.664575	0.90382	-1.10643	0.2183161	0.62262	-1.60611	0.831461	1.03546	1.03546	0.652181	1.08571	1.08571	1.64599	0.714003	0.385585	1
cg02461665	68;2NF268;2NF268;2NF	0.24707	0.860211	1.07092	1.07092	0.206984	1.67746	1.67746	0.197464	0.993498	0.999192	-1.00081	0.732067	1.14832	1.14832	0.457465	0.8351669	-1.19736	0.858293	0.93289	-1.07194	0.0127327	0.300238	-3.33069	0.681352	1.17408	1.17408	0.439173	1.35891	1.35891	1.64599	3.91857	2.12696	1
cg08076125	GRM1;GRM1	0.247071	0.319754	1.88063	1.88063	0.155583	2.51	2.51	0.0268827	0.5	2.0	0.0268827	0.74667	-1.46667	0.710708	1.1405	1.1405	0.336399	0.70486	-1.41942	0.370464	1.42883	1.42883	-2.25794	0.0467067	1.42883	-2.23133	0.0262133	1.03326	1.03326	0.9249	1.1729	1
cg11813940	BRD2;BRD2	0.247072	0.117073	1.59962	1.59962	0.0836754	1.69596	1.69596	0.0782739	1.71562	1.71562	0.343529	1.30899	1.30899	0.675203	0.890222	-1.12332	0.714734	1.1066	1.1066	0.34492	1.30791	1.30791	0.853863	0.950394	-1.05219	0.199083	0.687684	-1.45416	1.64598	1.98491	1.07192	1
cg05480221	RPN1	0.247073	0.0317632	0.695441	-1.43797	0.208676	0.855461	-1.16897	0.361067	0.840054	-1.1904	0.247802	0.842323	-1.18706	0.660134	0.709351	-1.40486	0.988177	0.997898	-1.00211	0.9903827	0.8963483	-1.11564	0.4596	0.9455193	-1.05768	0.238913	0.836511	-1.19544	1.64598	0.5257501	0.289329	1
cg22208108	SLC17A5	0.247076	0.861952	1.05482	1.05482	0.329653	1.8132	1.8132	0.64477	1.155	1.155	0.263596	1.42976	1.42978	0.372469	0.755306	-1.32387	0.455093	1.29809	1.29809	0.217833	1.4808	1.4808	0.1077489	0.42048	2.37945	0.1545785	1.59508	1.59508	1.64597	1.07476	0.33251	1
cg10173620	ABHD2;ABHD2	0.247078	0.320982	0.51339	-1.94784	0.528981	0.660353	-1.51394	0.114385	3.05433	3.05433	0.973802	1.02158	1.02158	0.074194	0.274269	-3.64605	0.326006	0.51717	-1.9336	0.0772022	0.278731	-3.58769	0.558095	1.46979	1.46979	0.823784	0.865009	-1.15606	1.64596	11.0211	5.95186	1
cg03339122	VAV3;VAV3	0.247079	0.345027	1.96082	1.96082	0.120062	1.91491	1.91491	0.669509	1.08008	1.08008	0.171991	0.76494	-1.30727	0.0139353	0.534644	-1.87012	0.851651	1.963616	1.963616	0.0176776	0.354249	2.82197	0.156362	1.13707	1.13707	0.0718959	1.48835	1.48835	1.64596	1.0109	0.551489	1
cg02538579	CSorf34	0.247081	0.870813	-1.13894	0.824721	1.13695	1.13695	0.0335204	0.237634	-4.20816	0.696324	1.25476	1.25476	0.0284368	0.229933	4.46561		0.96802	0.977709	-1.0228	0.897228	1.07764	1.07764	0.768099	0.842691	-1.18667	0.267089	0.512231	-1.95225	1.64595	8.72727	4.71313	1
cg09397557	PLEKHM1;PLEKHM1;PLEKHM1	0.247082	0.619526	0.857021	-1.16653	0.784054	0.918707	-1.08817	0.6	1.02	1.02	0.594562	-1.68191	0.845584	0.941666	-1.06191	0.0773444	0.447295	-2.23616	0.0359869	0.447232	2.23511	2.23511	0.645572	0.866968	-1.15455	0.91557	1.03323	1.03323	0.099515	0.766547	-1.30455	1.64595	2.47994	1.33768	1
cg07617764	CTDSP2;MIR26A2	0.247085	0.167605	0.648672	-1.15278	0.140606	0.26198	2.26198	0.171274	0.472318	-2.11722	0.16683	0.468139	-2.13492	0.835204	0.801101	-1.24833	0.101877	0.397694	-2.51449	0.0481668	0.800992	-1.25458	0.464085	1.46775	-1.46775	0.26496	0.546766	-1.82894	1.64593	0.91256	0.47314	1
cg12131510	SAPS2	0.247089	0.713144	0.864316	-1.15698	0.17669	1.76321	1.76321	0.724288	1.15011	1.15011	0.793521	1.11489	1.11489	0.0202144	0.33089	-3.02215	0.229707	0.607932	-1.64492	0.685074	1.1747	1.1747	0.781009	0.895784	-1.11634	0.324219	0.668947	-1.49489	1.64592	4.06518	2.19543	1
cg20412356	FOXO	0.247091	0.625534	0.707665	-1.41337	0.503356	0.929035	-1.07611	0.4	1.02	1.02	0.540693	-1.84919	0.240937	0.894932	1.02092	1.02092	0.803878	1.24397	1.24397	0.0194912	0.2	5	0.0	1.24397	1.24397	0.0194912	1.24397	1.24397	0.0194912	1.64591	2.37527	1.44437	1
cg18805612	MIR1178;CIT	0.247091	0.113415	0.304565	-3.28337	0.0883825	3.66021	3.66021	0.0763618	3.89888	3.89888	0.835424	1.15439	1.15439	0.577495	1.47458	1.47458	0.897373	0.914793	-1.09314	0.205731	0.39801	-2.5125	0.807928	0.845279	-1.18304	0.922134	1.0698	1.0698	1.64591	12.4161	6.70541	1
cg25884427	CCDC92	0.247094	0.177827	0.5988	-1.67016	0.156081	0.426885	-2.34255	0.885541	0.92244	-1.08408	0.865948	0.909339	-1.0997	0.153907	0.418884	-2.38724	0.299004	0.675795	-1.47974	0.3905991	0.911622	-1.09705	0.868222	0.4775532	-2.09391	0.211305	0.618932	-1.61569	1.6459	3.64479	1.9857	1
cg05445767	2CCHC14	0.247101	0.74976	1.30621	1.30622	0.773977	1.27172	1.27172	0.483019	0.779737	1.29737	0.281335	0.709737	-1.40909	0.0174676	0.612902	-1.63158	0.598921	0.698293	-1.43156	0.2339	0.369456	-2.70695	0.765975	0.728767	-1.37218	0.944361	1.06	1.06	1.64572	18.1644	9.81094	1
cg08178356	GPR137;GPR137;BAD;BAD	0.247103	0.0679869	0.294814	-3.39197	0.365946	0.574047	-1.74202	0.417126	0.66926	-1.64134	0.664317	1.29909	1.29909	0.0413342	0.245078	-4.08033	0.148121	0.395724	-2.52702	0.852564	0.894786	-1.11759	0.0966097	0.356225	-2.9742	0.264234	0.498894	-2.00444	0.45671	0.93656	0.50269	1
cg06878749	ECE1;ECE1;ECE1;ECE1	0.247104	0.3765481	1.88237	1.88237	0.1875501	1.37561	1.37561	0.0923999	1.38526	1.38526	0.213976	1.37505	1.37505	0.0445144	0.2313976	-4.32095	0.0091654	0.66474	-1.50434	0.19534	2.4479	2.4479	0.564147	1.3968	1.3968	0.124224	1.79241	1.79241	1.64567	8.56356	4.62549	1
cg02214871	RHBG;RHBG	0.247109	0.577311	0.797337	-1.25411	0.2224574	0.100308	0.100308	0.488487	1.32681	1.32681	0.819094	1.09651	1.09651	0.981976	0.990956	-1.00913	0.183105	1.76491	1.76491	0.367602	0.553474	-1.80677	0.353559	1.46797	1.46797	0.981878	1.00918	1.00918	1.64566	4.21551	2.27697	1
cg05978527	NRM;KIAA1949	0.247163	0.1242396	0.31813	-3.14289	0.1888721	0.284185	0.284185	0.0154498	0.25347	3.93404	0.0107078	0.68375	-1.46254	0.0054703	0.540748	-1.85004	0.274981	0.617351	1.62003	0.0648324	1.046	1.046	0.683465	0.854224	1.1706	-1.1715	0.0401737	1.0923	1.0923	1.64564	0.8306682	0.435697	1
cg05502439	AQP6	0.247165	0.0868426	1.92039	1.92039	0.173079	1.64912	1.64912	0.952392	1.02082	1.02082	0.115766	1.8038	1.8038	0.0643397	2.04859	2.04859	0.518265	1.25356	1.25356	0.256966	1.50417	1.50417	0.0943429	1.88621	1.88621	0.0961889	1.87828	1.87828	1.64563	2.10313	1.67616	1
cg16309926	SPTLC1	0.247166	0.37585	0.556531	-1.79685	0.819937	1.15839	1.15839	0.547212	1.48115	1.48115	0.5814	0.6983	-1.43202	0.0242768	0.171545	-5.82939	0.263714	0.47174	-2.11981	0.891552	0.911286	-1.09017	0.331643	2.85626	2.85626	0.92782	0.943245	-1.06017	1.64563	10.8387	5.85454	1
cg27388911	THRB;THRB;THRB	0.247167	0.0988682	0.86909	-1.15079	0.253576	1.83356	1.83356	0.229202	1.21322	1.21322	0.215797	1.30584	1.30584	0.0940748	1.5804	1.5804	0.201806	1.55842	1.55842	0.0373702	1.10192	1.10192	0.0760248	0.45753	2.18506	0.0600243	0.45415	2.20141	1.64563	0.45415	0.26941	1
cg08193100	NMUNMI	0.247168	0.795279	0.842921	-1.18635	0.4040447	0.570565	-1.75265	0.757362	0.815738	-1.22588	0.618321	1.39111	1.39111	0.152781	0.365543	-2.73566	0.0097162	0.116522	8.58206	0.345913	0.523385	-1.89256	0.470187	0.617173	-1.62029	0.456407	0.607446	-1.64624	0.54562	11.2568	6.08038	1
cg15242630	MICAL3;MICAL3;MICAL3	0.247174	0.456088	1.03949	1.03949	0.178414	0.8157597	0.224222	-1.39495	0.2577377	0.221543	-4.48144	0.2151

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. 047 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. 117 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. 127 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. 217 vs. N)	Fold-Change(1 vs.1247)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. 477 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. 537 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. 377 vs. N)	Fold-Change(1 vs.5637)	p-value(563T vs. 637 vs. N)	Fold-Change(1 vs.563T)	F(Test)	SS(Test)	SS(Error)	df
cg01374066	ATP1DA,ATP1DA	0.247404	0.788603	1.04718	1.04179	1.050557	0.040338	-1.06266	0.910467	1.01817	1.01817	0.741178	1.0545	1.050611	0.560611	0.9100093	-1.09879	0.2520168	0.3249383	-1.212115	0.822329	0.964633	-1.03866	0.0117549	1.65336	1.65536	0.404699	1.14625	1.14625	1.64473	0.667687	0.360849	1
cg01608477	PTPRA	0.247405	0.217363	1.609606	-1.6404	1.381567	0.710169	-1.40812	0.754836	1.12689	1.12689	0.669141	0.848794	-1.17814	1.083051	0.581273	-1.72036	0.0660709	0.45552	-2.19529	0.0711849	0.463661	-2.15675	0.873648	1.06257	1.06257	0.0546614	0.435499	-2.29622	1.64473	3.7885	2.04748	1
cg17982459	C10orf78,C10orf78,C10orf78	0.247409	0.593686	0.886394	-1.12817	0.279212	0.777287	-1.28653	0.184849	1.37017	1.37017	0.245587	0.761875	-1.31255	0.925911	1.02105	1.02105	0.2503161	0.764146	-1.30865	0.0474042	0.60173	-1.66188	0.234742	1.3217	1.3217	0.57083	0.879605	-1.13687	0.64471	1.30638	0.706039	1
cg06303282	MND1	0.247411	0.254438	1.33201	1.33201	0.413926	1.22289	1.22289	0.113622	0.660514	-1.51397	0.0364512	1.79638	1.79638	0.941855	1.01771	1.01773	0.3060558	1.2905	1.2905	1.052276	1.11547	1.11547	0.272001	1.31716	1.31716	0.617284	0.885702	1.12905	1.6447	1.51191	0.83712	1
cg12973548	WDR86	0.247414	0.31261	0.821459	-1.21735	0.0286122	0.614929	-1.6262	0.0665794	0.678862	-1.47305	0.849643	1.03638	1.03638	0.798294	1.0494	1.0494	0.488074	0.87578	-1.14184	0.329741	1.20851	1.20851	0.743735	1.05562	1.05562	0.954551	1.01079	1.01079	1.64469	0.923354	0.499135	1
cg02908866	IL15RA,IL15RA	0.247416	0.984961	1.01278	1.01278	0.0229727	0.2498	0.2498	0.831368	1.15451	1.15451	0.157213	1.77086	1.77086	0.060378	4.16577	4.16577	0.6160113	1.40589	1.40589	0.547574	1.50685	1.50685	?	?	?	0.725628	1.26793	1.26793	1.64951	10.5407	6.39023	1
cg04221305	DLST	0.247417	0.570157	0.950239	-1.05237	0.212721	1.12382	1.12382	0.518323	0.943418	-1.05998	0.249023	0.887836	-1.12633	0.576698	0.951077	-1.05144	0.340592	1.09128	1.09128	0.837615	0.981913	-1.01842	0.922141	1.00873	1.00873	0.0252816	1.26691	1.26691	1.64668	0.206073	0.111375	1
cg26330603	SLC26A2	0.247422	0.490922	1.29116	1.29116	0.534194	0.979635	-1.0096	0.0017915	0.398869	-2.50711	0.482754	0.770639	-1.29762	0.988514	0.724155	-1.38096	0.0986731	0.516158	-1.93739	0.152865	0.205289	-1.41796	0.172899	0.588758	-1.69849	0.0942156	0.513159	-1.95573	1.64467	3.47456	1.87798	1
cg00090731	STAM2,STAM2,STIM2	0.247422	0.0511209	0.497394	-2.01046	0.530331	0.818851	-1.22122	0.402476	1.30915	1.30915	0.503868	0.807947	-1.2377	0.183532	1.55835	1.55835	0.1097177	1.73015	1.73015	0.437616	0.795173	-1.25759	0.507324	0.809383	-1.23551	0.849739	0.942114	-1.06144	1.64466	2.57473	1.39156	1
cg22734325	CIB2	0.247422	0.479355	0.757451	-1.32022	0.692291	0.85756	-1.1661	0.168058	0.566918	-1.76392	0.61394	0.821593	-1.21715	0.0555023	0.432401	-2.31267	0.44611	1.3499	1.3499	0.0270244	0.363702	-2.7495	0.574267	0.803096	-1.24518	0.289414	0.653891	-1.52931	1.64466	3.88745	2.10104	1
cg24375218	SMAD7	0.247423	0.255688	0.390016	-2.56707	0.115465	0.19786	-5.05	0.0178236	0.21261	-4.70126	0.5756	0.638437	-1.56553	0.201919	0.343934	-2.90805	0.8079732	0.825972	-1.21084	0.707952	0.213038	-4.69399	0.49753	1.74997	1.74997	0.63401	0.683152	-1.46302	1.64463	10.3953	4.86131	1
cg08309809	TNFRSF10C,TNFRSF10C	0.247428	0.925289	0.887845	-1.12632	0.426669	2.79943	-1.79943	0.119684	0.51121	0.51121	0.21853	1.56258	1.56258	0.162904	0.763062	0.763062	0.6799917	1.69244	1.69244	0.802565	0.727791	-1.37402	0.0868705	1.01036	1.01036	0.0314412	1.24565	1.24565	1.64466	1.89886	22.6457	1
cg19506058	AP2A1,AP2A1	0.247429	0.626361	1.37513	1.37633	0.0252157	5.69518	5.69518	0.0606825	1.96428	1.96428	0.916958	0.934155	-1.07026	0.887508	1.05644	1.05644	0.997625	1.00194	1.00194	?	?	?	0.652705	0.606397	-1.64908	0.674535	1.31686	1.31686	1.64942	9.84169	5.96627	1
cg03693430	PTPRM,PTPRM,PTPRM,PTPRM	0.247447	0.245005	1.18566	1.18566	0.0652343	1.13622	1.13622	0.460044	1.11108	1.11108	0.855849	1.06483	1.06483	0.648575	1.06636	1.06636	0.0636302	0.746757	-1.33912	0.257549	0.847504	-1.17994	0.584393	1.08042	1.08042	0.997989	0.999647	-1.00035	1.64457	0.5107777	0.276075	1
cg25099891	SREBF1,SREBF1	0.247448	0.896880	1.03717	1.03717	0.94819	0.981909	-1.01842	0.713585	0.901612	-1.10913	0.547902	1.1863	1.1863	0.799227	1.07423	1.07423	0.59609	1.16217	1.16217	0.00628328	2.71868	2.71868	0.52858	1.19646	1.19646	0.446846	1.24337	1.24337	1.64457	2.05589	1.11121	1
cg17520314	NPLOC4	0.247452	0.198409	1.728289	-1.37308	0.0766592	1.57719	1.57719	0.167371	1.48744	1.48744	0.452662	0.856532	-1.19541	0.858546	1.04249	1.04249	0.8575106	1.06369	-1.03738	0.869854	1.039	1.039	0.172458	1.4032	1.4032	0.2754	1.30307	1.30307	1.64455	1.4276	0.766245	1
cg17288102	KPNPEP1,KPNPEP1,KPNPEP1	0.247455	0.56871	0.84301	-1.18623	0.887867	1.04271	1.04271	0.130352	0.616095	-1.62313	0.653808	1.1432	1.1432	0.324359	0.739535	1.3522	0.2217734	1.46333	1.46333	0.0238254	0.449518	-2.2246	0.450381	0.796122	-1.25609	0.962515	1.01403	1.01403	1.64454	2.28913	1.2373	1
cg01379730	MYO3B,MYO3B,MYO3B	0.247456	0.219044	0.649021	-2.09229	0.189681	0.674868	-1.3562	0.0201643	0.220683	-4.54458	0.925551	1.05231	1.05231	0.307248	0.561779	-1.78006	0.1053665	0.380869	-2.62558	0.225203	0.538397	-1.85773	0.649823	1.28321	1.28321	0.422822	0.639756	-1.5631	1.64453	7.75265	4.19039	1
cg06020842	SETD2	0.247459	0.881904	1.03367	1.03367	0.286663	1.27949	1.27949	0.0087664	0.21064	2.10364	0.568203	1.12581	1.12581	0.910371	1.0254	1.0254	0.6369047	1.11171	1.11171	0.562633	0.877755	-1.13927	0.69485	1.09176	1.09176	0.216868	1.13559	1.13559	1.64453	1.29242	0.698568	1
cg24629791	CNTN4,CNTN4	0.247464	0.098189	0.399283	-2.50449	0.140227	0.447909	-2.2326	0.39992	0.646524	-1.54673	0.360701	0.621511	-1.60898	0.115219	0.420283	-2.37935	0.043663	0.309171	-3.23446	0.150336	0.458236	-2.18228	0.499023	0.706558	-1.41531	0.0735252	0.364264	-2.74526	1.6445	6.6724	3.60657	1
cg01476568	CDH5,CDH18	0.247474	0.860712	1.056866	-1.56357	0.0711889	0.169895	-5.88599	0.169276	0.275837	-3.62533	0.210268	0.292857	-3.36862	0.0823993	0.110467	0.20524	0.0752392	0.175133	-5.70994	0.0427277	0.240224	-2.03988	0.292647	0.382806	-2.61229	0.502012	0.549214	-1.82078	1.64447	20.1474	10.8904	1
cg07605988	DNMT1,DNMT1	0.247475	0.582633	0.863727	-1.15777	0.0376112	1.89014	1.89014	0.0910248	0.108839	0.61204	0.144554	1.44154	1.44154	0.0186156	0.761833	-1.31262	0.644245	0.884494	-1.13059	0.184222	0.68949	-1.45035	0.825834	0.943488	-1.0599	0.116913	0.63788	-1.56769	1.64446	1.81465	0.980881	1
cg00047843	TMTC2	0.247477	0.607327	0.905443	-1.10505	0.0432882	0.605688	-1.65123	0.0134742	0.116543	2.58254	0.0134742	1.37774	1.37774	0.244121	1.26632	1.26632	0.0809251	1.10665	1.10665	0.0299477	0.19045	1.39048	1.39048	0.0298435	0.972658	-1.02831	0.777704	0.896621	-1.1153	1.64446	6.07797	3.58235	1
cg16619193	IKBKE	0.247478	0.355785	1.48935	1.48935	0.0326272	2.85362	2.85362	0.49617	1.33612	1.33612	0.886764	1.06157	1.06157	0.93073	1.03713	1.03713	0.425485	1.40676	1.40676	0.0526701	2.51874	2.51874	0.278978	0.623726	-1.60327	0.331814	1.52178	1.52178	1.64444	4.58032	2.47585	1
cg07583734	C15orf21	0.247486	0.137029	3.65579	3.65579	0.648833	0.690002	-1.44927	0.940107	1.0627	1.0627	0.0686955	5.2023	5.2023	0.932935	2.03054	2.03054	0.300958	2.38079	2.38079	0.0516137	6.00722	6.00722	0.85894	1.12323	1.12323	0.0808162	4.79225	4.79225	1.64442	17.0596	9.22152	1
cg27425383	C4orf48,C4orf48	0.247489	0.688098	0.889751	-1.12391	0.167602	0.652406	-1.53279	0.751889	0.912010	-1.09647	0.205018	0.678219	-1.47445	0.71599	0.80934	-1.11193	0.256596	1.41033	1.41033	0.0360567	2.02984	2.02984	0.655349	1.13934	1.13934	0.433813	0.793025	-1.261	1.64441	2.19578	1.18693	1
cg20291513	PFKFB2,PFKFB2	0.247495	0.309179	1.64265	-1.64265	0.142355	1.859882	1.859882	-1.16295	0.952662	1.022	1.022	0.116724	1.533394	1.663778	0.563796	1.454582	-1.44665	0.10098	3.524641	-1.90606	0.0232376	1.1906	1.1906	0.0955961	1.42488	1.37664	0.73098	0.88116	1.13487	0.84748	1.89166	1.89166	1
cg16997375	GSTT1	0.247499	0.307477	0.542265	-1.84412	0.104112	0.147222	1.47222	0.177063	2.29604	2.29604	0.987071	1.09043	1.09043	0.148026	2.79234	2.79234	0.776919	0.848263	-1.17888	0.706855	0.322559	-3.10021	0.175176	2.30546	2.30546	0.789705	1.16748	1.16748	1.64437	8.74039	4.72475	1
cg02574101	LOC91450	0.247507	0.465051	0.637013	-1.56983	0.871395	0.906406	-1.10326	0.411591	0.600956	-1.66401	0.987437	1.0096	1.0096	0.418738	1.65062	1.65062	0.0858895	3.16202	3.16202	0.0292291	4.75035	4.75035	0.774618	0.840187	-1.19021	0.263862	2.02672	2.02672	1.64434	9.58072	5.17909	1
cg09984479	TMEM184B	0.247510	0.884755	1.06495	-1.56357	0.0711889	0.169895	-5.88599	0.169276	0.275837	-3.62533	0.210268	0.292857	-3.36862	0.0823993	0.110467	0.20524	0.0561219	0.474293	-2.1084	0.347141	0.267673	-3.73555	0.158547	1.84985	1.84985	0.64433	0.544329	-1.83673	1.64434	5.49239	2.34606	1
cg22006670	HAPLN1	0.247511	0.705356	0.776818	-1.2873	0.0213308	0.158906	-6.29303	0.135596	0.34322	-2.91359	0.888126	1.0881	1.0881	?	?	?	0.449762	0.599263	-1.66872	0.380595	0.540939	-1.81838	0.498016	1.57991	1.57991	0.55984	1.47995	1.47995	1.64914	10.2624	6.22289	1
cg12434258	ZNF492,ZNF791,ZNF791	0.247514	0.784142	0.894473	-1.11836	0.4333	1.2439	1.2439	0.0134	0.24583	2.582	0.0134	1.38382	1.38382	0.0227157	1.01631	1.01631	0.218957	1.74214	1.74214	0.0159332	3.08295	3.08295	0.972658	1.15435	1.15435	0.0766158	1.27601	1.27601	1.64434	3.98145	2.42445	1
cg12942133	MBNL3	0.247513	0.044653	0.182017	-5.49398	0.685463	0.74014	-1.3511	0.874872	0.890064	-1.12351	0.162641	3.0088	3.0088	0.15877	3.04399	3.04399	0.161583	0.331311	-3.01831	0.823707	1.17927	1.17927	0.627706	1.43499	1.43499	0.918441	1.07863	1.07863	1.64432	1.24123	7.6887	1
cg04138428	GSK3A	0.247518	0.076173	0.727738	-1.37412	0.647317	1.07701	1.07701	0.0961055	1.34224	1.34224	0.821802	0.964317	-1.037	0.552263	1.1017	1.1017	0.790325	0.957985	-1.04386	0.129635	0.768184	-1.30177	0.382335	0.865622	-1.15524	0.298868	1.18938	1.18938	1.6443	0.675628	0.365236	1
cg09300795	ADCY9	0.247519	0.137722	0.728284	-1.37412	0.647317	1.07701	1.07701	0.0961055	1.34224	1.34224	0.805286	1.62726	1.62726	0.0249215	1.83534	1.83534	0.085106	0.694215	-1.44042	0.0336	0.51634	1.93722	0.0336	0.51634	0.21608	1.28934	1.28934	1.49914	1.47479	0.852332	1.17601	1.6443	5.7486	2.96167	1
cg22125865	DCLK1	0.247519	0.238215	0.752975	-1.3643	0.628264	0.884547	-1.13052	0.441929	0.821061	-1.21793	0.1529	0.680505	-1.4695	0.137752	1.49465	1.49465	0.198456	1.40737	1.40737	0.103743	1.56418	1.56418	0.720847	0.913729	-1.09442	0.759862	0.925807	-1.08014	1.6443	1.64654	0.890104	1
cg28250665	CRDOC	0.247520	0.119904	0.492939	-2.0296	0.279184	0.466622	-2.14766	0.184038	0.299555	-3.33849	0.208975	0.346633	-2.88461	0.0772854	0.197054	-2.15305	0.694315	0.8995	-1.11948	0.523492	0.672853	0.99	-1.01021	0.99	-1.01021	0.105848	0.196562	0.533142	-1.87552	0.642629	0.52239	0.298535	1
cg23601961	GABRG1	0.247524	0.882736	0.971543	-1.02929	0.152239	1.34983	1.34983	0.394078	1.59555	1.59555	0.0972822	1.42752	1.42752	0.106216	0.903786	-1.10606	0.707308	1.07657	1.07657	0.661341	0.91739	-1.09005	0.905191	1.02358	1.02358	0.104229	1.41541	1.41541	1.64429	0.996352	0.538618	1
cg01774925	HRNBP3	0.247525	0.143818	0.559837	-1.86624	0.0490001	2.44227	2.44227	0.377099	1.43343	1.43343	0.589268	0.805295	-1.24178	0.472963	1.33641	1.33641	0.0878247	2.1138	2.1138	0.549048	0.785948	-1.27235	0.845996	1.08032	1.08032	0.906564	1.04775	1.04775	1.64429	4.11021	2.22194	1
cg08428819	TACC2,TACC2,TACC2,TACC2	0.247523	0.194593	1.48236	-1.48236	0.0756184	0.845622	-1.24766	0.184038	0.299555	-3.33849	0.208975	0.346633	-2.88461	0.0772854	0.197054	-2.15305	0.4413897	1.29323	1.29323	0.737238	1.24802	1.24802	0.197054	-2.15305	0.694315	0.8995	-1.11948	0.523492	0.672853	0.99	-1.01021	0.99	-1.01021	1.64429	0.523239	0.298535	1
cg02969364	TNXB	0.247525	0.796965	0.943686	-1.05967	0.512466	0.86127	-1.16108	0.185003	0.729031	-1.37168	0.643679	0.900576	-1.1104	0.78294	0.939803	-1.06405	0.647427	1.10907	1.10907	0.0188109	1.89622	1.89622	0.565052	0.877608	-1.13946	0.291134	0.781708	-1.27925	1.64428	1.31623	0.711548	1
cg26219312	SYNE1,SYNE1,SYNE1,SYNE1	0.247526	0.424383	0.744492	-1.34305	0.474588	2.2491	2.2491	0.0134643	0.24582	2.58242	0.0134643	1.37775	1.37775	0.244121	1.26632	1.26632	0.0809251	1.10665	1.10665	0.0299477	0.19045	1.39048	1.39048	0.0298435	0.972658	-1.02831	0.777704	0.896621	-1.1153	1.64426	6.07797	3.58235	1
cg22315542	LCOR,LCORL	0.247528	0.328586	0.854141	-1.17077	0.0368178	1.46109	1.46109	0.0855481	1.34601	1.34601	0.150848	1.27216	1.27216	0.69753	0.940762	-1.06297	0.8695021	0.97462	-1.02604	0.584434	0.91727	-1.09019	0.798418	1.04083	1.04083	0.692364	1.06415	1.06415	1.64426	0.636599	0.344145	1
cg18684606	SIRT1,SIRT1,SIRT1,SIRT1	0.247529	0.651737	1.13559	1.13559	0.498459	0.994988	-1.00504	0.994988	1.03497	-1.86925	0.572663	0.852543	-1.11948	0.696796	0.638552	-1.56604	0.6779562	1.07799	1.07799	0.813075	0.988778	-1.0061	0.915981	1.00401	1.00401	0.112866	0.616957	-1.62086	1.64426	2.01957	1.10259	1
cg02881442	TSPAN5	0.247533	0.537383	1.17562	1.17562	0.63016	1.13393	1.13393	0.0720172	0.511018	0.8767	0.365265	0.785839	-1.27253	0.674328	0.6675359	-1.49844	0.378796	1.26355	1.26355	0.30635	1.5792	1.5792	0.939673	0.0198	0.0198	0.0579727	0.537887	-1.74257	1.64424	1.74781	0.944876	1
cg19751789	LDLR	0.247534	0.0965557	0.401429	-2.4911	0.110684	2.3858	2.3858	0.517368	1.38871	1.38871	0.452234	1.46686	1.46686	0.219217	0.523933	-1.90864	0.225517	0.528999	-1.89036	0.276013	0.567291	-1.76276	0.589315	0.761358	-1.31344	0.299766	0.584147	-1.7119	1.64424	6.51746	3.52338	1
cg09125174	PDE2	0.247535	0.646466	1.15215	1.15215	0.466353	1.24365	1.24365	0.553183	1.16063	1.16063	0.32193	1.28926	1.28926	0.0977007	1.70973	1.70973	0.404002	1.2816	1.2816	0.0496464	1.93163	1.93163	0.752661	1.1362	1.1362	0.920569	0.97554	-1.02507	1.64424	1.60529	0.88783	1
cg06307943	BAIAP2,BAIAP2,BAIAP2,BAIAP2	0.247536	0.82685	1.09601	1.09601	0.0112692	3.77507	3.77507	0.0953911	2.15263	2.15263	0.925251	1.04005	1.04005	0.674584	0.791811	-1.26293	0.975168	1.03111	1.03111	0.958212	1.02217	1.02217	0.984169	0.991731	-1.00834	0.999387	1.00032	1.00032	1.64423	4.56043	2.46541	1
cg24232579	PTPRO,PTPRO,PTPRO,PTPRO,PTPRO,PT	0.247537	0.995073	0.998709	-1.00129	0.49806	0.865923	-1.15484	0.530042	0.875348	-1.1424	0.0710117	0.655656	-1.52519	0.0274228	0.579251	-1.72637	0.438842	0.847678	-1.17969	0.936953	0.983579	-1.01669	0.185563	0.745433	-1.3415	0.0741547	0.659374	-1.51659	1.64423	1.14064	0.616642	1
cg09818912	CYTSB,CYTSB,CYTSB,CYTSB	0.247541	0.419985	0.581063	-1.72098	0.0131653	0.131941	-1.57916	0.204166	0.413567	-2.41801	0.860921	1.12248	1.12248	0.217977	0.42576	-2.34874	0.651948	0.741426	-1.34875	0.95248	1.04008	1.04008	0.540003	1.49098	1.49098	0.703408	1.28665	1.28665	1.64421	11.3055	6.11196	1
cg19447692	SLC26A2	0.247543	0.72147	1.38627	1.38627	0.0254133	1.18254	1.18254	0.700504	0.876422	-1.14128	0.0472318	1.58629	1.58629	0.0568483	1.42719	1.42719	0.0127232	1.46772	1.46772	0.0276533	2.08749	2.08749	0.440972	1.46849	1.46849	0.242662	0.67688	-1.47733	0.0479884	1.64421	0.746136	1.34029	0.541521	1
cg21612054	CCNDBP1,CCNDBP1,CCNDBP1,CCNDBP	0.247544	0.0850799	1.80219	1.80219	0.104176	1.73251	1.73251	0.753392	1.10241	1.10241	0.707802	0.890049	-1.12353	0.957138	1.01677	1.01677	0.404964	0.768282	1.3016	0.716061	1.11964	1.11964	0.294956	1.39935	1.39935	0.0360013	2.12669	1.12669	1.6442	2.49213	1.34729	1
cg08765490	XM1,C12orf52	0.247545	0.716631	0.936425	-1.06789	0.340526	1.19363	1.19363	0.347773	1.1903	1.1903	0.617237	0.913203	-1.09505	0.883996	1.41134	1.41134	0.179123	1.29326	1.29326	0.658131	0.922888	-1.08356	0.296154	1.21556	1.21556	0.0316117	1.5748	1.5748	1.6442	0.845586	0.457142	1
cg24788034	GNG7	0.247549	0.323669	1.30191	1.30191	0.463113	1.31154	1.31154	0.0178	0.270665	-3.69611	0.0298611	-1.35447	0.888374	1.0973	1.0973	0.0939044	0.2839134	1.28611	1.28611	0.0299898	0.370602	-2.69998	0.0706102	0.684227	1.4615	1.4615	0.0403301	1.76015	1.76015	0.165014	1.82385	1.82385	0.15369	1
cg02850812	C13orf18	0.247549	0.0242295	0.482006	-2.33641	0.556505	0.20667	-5.20667	0.976829	0.990868	-1.00227	0.94256	1.10973	1.10973	0.0930682	0.557875	-1.79251	0.341075	1.36328	1.36328	0.735759	0.898531	-1.11293	0.463173	1.26603	1.26603	0.674194	0.874974	-1.14289	1.64418	2.59828	1.4047	1
cg24830738	KCNN2,KCNN2	0.247564	0.679684	0.855147	-1.16904	0.353547	2.49165	2.49165	0.0134655	0.24587	2.58258	0.0134655	1.37587	1.37587	0.244121	1.26632	1.26632	0.0809251	1.10665	1.10665	0.0299477	0.19045	1.39048	1.39048	0.0298435	0.972658	-1.02831	0.777704	0.896621	-1.1153	1.64418	6.07797	3.58235	1
cg03099175	FAM59B	0.247575	0.133331	0.47744	-2.0945	0.655023	0.814383	-1.22792	0.273498	0.68253	1.68253	0.662575	0.654551	-1.52776	0.0317352	0.316793	3.15664	0.4734498	0.716876	-1.39494	0.522096	0.743625	-1.34476	0.269867	0.68974	1.68974	0.88667	1.06727	1.06727	1.64409	0.142791	2.93464	1
cg08671383	EPAS1	0.247576	0.409624	0.835419	-1.197	0.673835	0.913684	-1.09447	0.471087	1.16922	1.16922	0.00924448	0.494374	-2.02276	0.507626	0.866464	-1.15412	0.53904	0.857708	-1.16582	0.350009	1.04117	1.04117	0.753974	0.935156	-1.06934	0.64408	1.18403	0.640157	1
cg10512278	DPEP2	0.247579	0.599744	0.803016	-1.24493	0.519315	0.859007	-1.16414	0.124193	0.574837	-1.74003	0.148408	0.734226	-1.36177	0.0444727	0.426603	-2.34315	0.2626824	1.04167	1.04167	0.0973648	2.1386	2.1386	0.295582	1.42742	1.42742	0.405787	0.760571	1.3148	1.64407	2.61678	1.45773	1
cg22487177	MOCOS	0.247582	0.771982	1.32462	1.32462	0.984847	1.01854	1.01854	0.685539	0.674448	-1.48269	0.396463	0.43165	-2.31669	0.329299	0.377535	-2.64876	0.334601	0.381821	-2.61903	0.322181	0.371772	-2.68982	0.0183052	15.9654	15.9654	0.602021	1.66374	1.66374	1.64406	24.3746	13.1786	1
cg05367960	RAB3GAP2	0.247586	0.217737	1.28984	1.28984	0.518924	0.811922	1.23104	1.23104	0.464847	1.38592	1.38592	0.818975	1.03148	1.03148	0.731962	1.03043	1.0043	0.995452	1.0043	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	1.64406	0.996	0.996	0.996	1
cg18482303	MGAT5	0.247587	0.638698	1.24036	1.24036	0.302839	1.62605	1.62605	0.042399	0.344834	-2.89994	0.290031	0.606416	-1.64903	0.176301	0.519537	1.92479	0.807023	1.11792	1.11792	0.761741	0.870654	-1.14856	0.167023	1.9562	1.9562	0.502109	0.733244	1.3638	1.64404	2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg10364833	RBP1;RBP1;RBP1;RBP1	0.247824	0.31286	0.837711	0.2009	0.136481	0.754775	-1.3249	0.850186	0.867384	-1.03372	0.322331	0.19594	1.195954	0.148255	1.31254	0.132554	0.654491	0.924043	-1.0822	0.963007	0.991463	1.00861	0.0474864	1.48821	1.48821	0.633142	1.08799	1.64315	0.800326	0.43295	1
cg26313517	PJA2	0.247831	0.206793	0.870692	-1.14851	0.742827	1.03483	1.03483	0.60848	1.0552	1.0552	0.122107	0.751761	-1.33201	0.615492	0.948698	-1.05408	0.430524	0.919727	-1.08728	0.364237	1.10182	1.10182	0.137833	0.846894	-1.18079	0.99171	1.00108	1.00108	0.143612	0.281456	0.152261	1
cg02513764	AMFR	0.247832	0.255759	0.844354	-1.18434	0.167698	0.810828	-1.23331	0.605573	1.07712	1.07712	0.449082	1.11628	1.11628	0.55231	1.08952	1.08952	0.267332	0.848074	-1.17914	0.705185	1.0557	1.0557	0.612533	0.929757	-1.07555	0.0357197	1.41698	1.41698	0.143112	0.59251	0.28629	1
cg02186782	RYR3	0.247832	0.756093	1.05249	1.05249	0.293899	1.1965	1.1965	0.050611	1.44348	1.44348	0.435176	1.04019	1.04019	0.818875	1.03852	1.03852	0.142985	1.29615	1.29615	0.116326	0.754876	-1.32472	0.362796	0.857164	-1.16664	0.640509	1.08058	1.08058	0.64122	0.706609	0.382259	1
cg00095594	NID1	0.247832	0.768621	1.05848	1.05848	0.438946	1.16448	1.16448	0.646846	1.09294	1.09294	0.910337	0.978531	-1.02194	0.365663	0.836051	-1.1961	0.020657	0.584546	-1.71073	0.091011	0.698612	-1.43141	0.647665	0.915168	-1.0927	0.331654	0.824513	-1.21284	0.63412	0.965894	0.523527	1
cg24536367	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.247833	0.049818	0.690081	-1.44941	0.270941	0.826932	-1.20929	0.390375	1.15711	1.15711	0.720018	1.06149	1.06149	0.297833	0.83616	-1.1994	0.205532	0.80137	-1.24786	0.224458	0.809317	-1.23561	0.147306	0.772738	-1.2941	0.419876	1.14642	1.14642	0.14312	0.715359	0.386093	1
cg14852384	ACTA1	0.247836	0.110706	5.25149	5.25149	0.220556	3.41799	3.41799	0.440996	2.11661	2.11661	0.225144	3.37268	3.37268	0.459655	2.05121	2.05121	0.49198	1.94645	1.94645	0.877118	0.862726	-1.15912	0.0196765	14.7144	14.7144	0.0972693	5.67796	5.67796	0.4831	23.6976	12.82	1
cg12434134	FOXI1	0.247837	0.556636	1.1867	1.1867	0.0482234	1.15549	1.91549	0.584434	1.17236	1.17236	0.0994903	1.68177	1.68177	0.695398	0.89289	-1.11956	0.040164	1.97915	1.97915	0.163789	1.13159	1.13159	0.145408	1.56851	1.56851	0.494628	1.23101	1.23101	0.5431	2.15718	1.167	1
cg14400030	BCL7A;BCL7A	0.247844	0.415253	0.472948	1.1144	0.970222	0.966992	-1.03413	0.295586	0.65133	0.65133	0.184053	0.778823	1.05309	0.553039	0.663251	1.102741	1.76755	0.183024	0.278882	-1.58574	0.082268	0.177122	-5.64583	0.697256	1.42123	1.42123	0.655957	0.66819	-1.49658	1.64309	0.211098	11.3823	1
cg11203714	BAT2	0.247844	0.187289	2.82972	2.82972	0.454653	1.74825	1.74825	0.0968008	3.95374	3.95374	0.670793	1.36644	1.36644	0.05932	0.197351	-5.06711	0.982936	1.01571	1.01571	0.743537	0.787006	-1.27064	0.809334	1.19274	1.19274	0.250444	0.411015	-2.433	1.78313	14.28	5.33892	1
cg04470497	SNTG2	0.247844	0.270718	2.89994	2.89994	0.403746	1.64897	1.64897	0.144897	2.68405	2.68405	0.168877	1.06877	1.06877	0.813148	1.04041	1.04041	0.436563	1.13771	1.13771	0.853085	1.42211	1.42211	0.141449	0.973366	1.14007	1.14007	0.184391	0.846091	-1.18191	1.64307	0.687447	0.371903	1
cg09088580	TRIO SCRN1;SCRN1;SCRN1;SCRN1;SCRN1;SC	0.247847	0.820153	1.14942	1.14942	0.283793	1.97575	1.97575	0.46341	1.57838	1.57838	0.797401	1.17036	1.17036	0.153015	0.392267	-2.54929	0.655744	0.760041	-1.31572	0.0205982	0.181707	-5.50337	0.731294	1.23466	1.23466	0.447008	0.622537	-1.60633	1.64306	0.973114	5.26451	1
cg18003762	RN1	0.247851	0.79965	0.929238	-1.07615	0.889153	0.667309	-1.49856	0.947065	1.01934	1.01934	0.527893	0.831216	-1.20306	0.225149	1.44817	1.44817	0.785356	0.924241	-1.08197	0.191275	0.668525	-1.49583	0.104364	1.68087	1.68087	0.0983516	1.69987	1.69987	1.70189	2.196	1.00359	1
cg16257681	EFNA3	0.247855	0.153081	0.776754	-1.28741	0.207753	0.803059	-1.24524	0.680339	1.03888	1.03888	0.213992	0.843665	-1.1853	0.0290633	0.653917	-1.52925	0.758638	0.05221	-1.05221	0.250102	0.820002	-1.21951	0.100617	0.743079	-1.34575	0.123274	0.759068	-1.3174	0.14303	0.709433	0.383807	1
cg17200441	KRTB3	0.247855	0.24247	0.564005	-1.77191	0.0150054	0.0963279	-10.1701	0.0560662	0.186001	0.186001	0.0169601	0.593609	0.8123382	0.825545	0.275114	0.197251	0.323615	-1.03453	0.840694	0.499272	-2.00232	0.161558	0.427119	-2.34127	0.239819	0.363779	-2.74892	0.813317	0.282358	-2.45321	0.12453	0.0403	1.56354	0.50256	1
cg12909559	SLC35A3	0.247855	0.723234	1.11754	1.11754	0.398335	0.763179	-1.31031	0.418674	0.772386	-1.29469	0.760832	0.908995	-1.10012	0.147632	1.62506	1.62506	0.858683	1.05728	1.05728	0.10948	0.413703	-2.41719	0.580906	1.19038	1.19038	0.604765	1.17725	1.17725	1.43003	2.5418	1.37513	1
cg15356966	UMO2	0.247862	0.112545	0.29489	-3.85373	0.202452	0.349638	-2.8601	0.654385	0.70336	-1.42175	0.307232	0.458048	-2.28285	0.0977011	0.234553	-4.26343	0.164977	0.483398	-2.06869	0.0300623	0.136156	-7.33792	0.134096	0.283189	-3.53121	0.140183	0.28958	-3.45327	1.643	15.8684	8.58902	1
cg05683445	SIK1	0.247865	0.508378	0.884375	-1.13062	0.0179174	0.863911	-1.15753	0.6527	1.11844	1.11844	0.0854805	0.958559	-1.04323	0.95923	0.706264	-1.4159	0.771423	0.934878	-1.06966	0.0281429	0.540157	-1.83204	0.233818	0.749358	-1.33448	0.153044	1.42437	1.42437	1.42499	1.39054	0.75231	1
cg26046434	DEPDC1;DEPDC1	0.247867	0.128414	0.629956	-1.58741	0.209608	0.689471	-1.45039	0.193924	0.679443	-1.47179	0.0522705	0.537555	-1.86027	0.0653439	0.558943	-1.78909	0.7431	1.09689	1.09689	0.160552	0.65606	-1.52425	0.83125	1.06184	1.06184	0.599048	0.86141	-1.16089	1.64299	2.05744	1.11312	1
cg08349397	BANP;BANP	0.247868	0.537851	1.11429	1.11429	0.120938	0.737423	-1.35794	0.736005	1.05097	1.05097	0.464887	1.13771	1.13771	0.141956	1.16484	1.16484	0.144925	1.10622	1.10622	0.0853782	1.46449	1.46449	0.850833	0.967471	-1.0332	0.242847	1.23615	1.23615	1.64298	0.678449	0.412359	1
cg19178509	DDR1	0.247868	0.0438927	0.123393	-8.10422	0.419565	0.474684	-2.10666	0.14497	0.243114	-4.1133	0.913946	0.906336	-1.10334	0.138831	0.237054	-4.21845	0.711216	0.749443	-1.3993	0.03964	0.116533	-8.58129	0.733367	1.36195	1.36195	0.397106	0.456853	-2.18889	1.64298	21.2398	11.4912	1
cg07772467	GK5;GK;GK;GK;GK;GK	0.247868	0.158251	0.493111	-2.0283	0.0126299	0.825002	1.08557	0.0960678	0.733655	0.733655	0.0977852	0.576578	0.733655	0.0977852	0.576578	0.733655	0.260999	0.871785	1.17255	0.0883032	0.214445	2.41445	0.214445	0.269212	0.991942	-1.00312	0.441322	0.602396	-1.66426	0.629458	0.939851	0.508518	1
cg23959115	FLJ00757	0.247871	0.785717	0.829951	-1.20489	0.0367673	0.25559	5.25559	0.0534577	4.48292	4.48292	0.676272	0.750354	-1.33271	0.243656	0.434157	0.30331	0.924021	1.06742	1.06742	0.931762	0.943107	-1.06032	0.738085	0.794905	-1.25801	0.694361	0.7633	-1.3101	1.64297	12.1723	6.58553	1
cg01966883	NAF1;NAF1	0.247875	0.488505	0.839916	-1.1906	0.31487	0.772867	-1.29388	0.778599	0.932511	-1.07237	0.161096	0.690001	-1.44927	0.815824	1.05279	0.15279	0.523388	0.815861	-1.17389	0.00966159	0.440054	-2.25198	0.219001	0.725852	-1.37769	0.504035	0.845279	-1.18304	1.64295	1.59916	0.865197	1
cg08335618	HADH	0.247876	0.937478	0.97971	-1.02073	0.225674	1.19837	1.19837	0.483549	1.20444	1.20444	0.505588	1.1688196	-1.19304	0.249588	1.36941	1.36941	0.424682	1.03813	-1.23742	0.0226081	0.489998	-2.04083	0.555371	0.855677	-1.16866	0.783122	1.07476	1.07476	1.64295	1.77658	0.951186	1
cg12436443	SPR	0.247881	0.813263	1.04155	1.04155	0.185021	0.785203	-1.27356	0.347738	0.846781	-1.18094	0.256946	0.815843	-1.22573	0.664214	0.699728	-1.42913	0.0555507	0.688501	-1.45243	0.48903	0.886119	-1.12852	0.0648825	0.700031	-1.42851	0.841787	1.03498	1.03498	1.64293	0.770001	0.4166	1
cg16003274	APBB3;APBB3;APBB3;SLC35A4;APBB3 ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF	0.247882	0.0557757	1.82149	1.82149	0.649664	1.13489	1.13489	0.364729	0.807221	-1.29396	0.45005	1.23734	1.23734	0.257342	1.41032	1.41032	0.178852	1.48462	1.48462	0.11387	0.621296	-1.60954	0.725349	0.0835	1.0835	0.439348	1.24661	1.24661	1.64293	1.99218	1.07785	1
cg05487001	7;ARHGEF7	0.247884	0.708151	1.23217	1.23217	0.0849864	2.87905	2.87905	0.066014	3.14257	3.14257	0.600025	1.34146	1.34146	0.344536	0.582421	-1.71697	0.942192	0.960536	-1.04109	0.250859	0.513694	-1.94668	0.194906	2.14091	2.14091	0.477253	0.669507	-1.49364	1.64292	8.02073	4.33954	1
cg08614813	AKIRIN2	0.247885	0.900212	1.06379	1.06379	0.144313	0.461604	-2.16636	0.986956	0.991974	-1.00809	0.735564	1.18186	1.18186	0.0336578	0.360853	-2.77122	0.510302	1.38983	1.38983	0.965326	1.02147	0.0501438	3.00911	3.00911	0.640804	0.793242	-1.26065	1.64292	6.32236	3.42066	1
cg09692262	UXS1	0.247885	0.0705903	1.49301	1.49301	0.0511298	1.9498	1.9498	0.0542976	2.16722	2.16722	0.0274266	1.30742	1.30742	0.433861	0.804745	-1.24329	0.278921	1.39798	1.39798	0.0191312	0.462433	-2.16277	0.0114926	0.640757	-1.56088	0.0466611	0.701837	-1.42483	1.64291	0.94417	3.21553	1
cg14871584	RPL13P5	0.247889	0.790354	1.06622	1.06622	0.51312	0.852474	-1.17306	0.9522	0.985677	-1.01453	0.372256	1.24664	1.24664	0.408138	1.22582	1.22582	0.456224	1.20035	1.20035	0.0103715	2.17477	2.17477	0.957006	0.98711	-1.01306	0.4649	0.836113	-1.19601	1.6429	1.50694	0.815325	1
cg09231741	AXIN2	0.247893	0.111797	0.501456	-1.99419	0.579581	1.24987	1.24987	0.2617	1.59441	1.59441	0.091425	2.09777	2.09777	0.30422	0.654353	-1.52823	0.270108	1.58043	1.58043	0.631379	1.21249	1.21249	0.222913	1.66607	1.66607	0.473521	0.747846	-1.33717	1.64289	4.13358	2.23648	1
cg08533472	GMDS	0.247894	0.0388883	1.52139	1.52139	0.0120773	1.62505	1.62505	0.0277	1.80827	1.80827	0.0185119	1.59011	1.59011	0.259698	1.33286	1.33286	0.541444	0.962617	-1.03894	0.754033	0.442645	2.41445	0.442645	0.269212	0.991942	-1.00312	0.441322	0.602396	-1.66426	0.629458	0.939851	0.508518	1
cg08830842	EGR3	0.247952	0.113771	7.23574	7.23574	0.141806	7.15218	6.15218	0.0278447	19.8803	19.8803	0.830261	0.781209	-1.28007	0.489635	2.24166	2.24166	0.485043	2.26156	2.26156	0.0883863	8.69163	8.69163	0.17397	5.27816	5.27816	0.607778	2.81381	1.81381	1.64267	34.4166	18.6237	1
cg19755016	NMNAT2;NMNAT2	0.247958	0.0719963	0.301425	-3.31737	0.475374	0.64429	-1.54252	0.224962	0.467169	-2.14055	0.423057	0.613475	-1.63006	0.0215369	0.204506	-4.88984	0.805419	1.1579	1.1579	0.540401	0.744914	-1.35023	0.192871	0.49916	-2.27707	0.140664	0.92926	0.610969	1.64267	0.92926	0.610969	1
cg05890457	ARHGEF10	0.247959	0.115193	0.87936	1.87936	0.208814	0.58204	-1.71724	0.0953544	0.931061	-1.07404	0.154835	0.154382	-6.47746	0.379648	0.02187	0.02187	0.198848	0.188007	-5.2908	0.215398	0.201899	-4.95314	0.460888	0.242854	0.724725	0.270375	2.70375	1.64264	39.1703	21.1964	1
cg16924658	RFC1	0.247961	0.583064	0.844597	-1.184	0.0802962	0.553711	-1.806	0.249883	0.693254	-1.44247	0.889087	0.958378	-1.04343	0.9692	1.03183	1.03183	0.977186	1.00875	1.00875	0.516232	0.818291	-1.22206	0.0281467	2.20316	2.20316	0.86973	0.951223	-1.05128	1.64263	2.14184	1.30676	1
cg03447783	SPRY1;SPRY1	0.247962	0.0136737	0.0	0.0	0.253441	0.0	-2.7	0.270366	0.924954	-1.08114	0.825897	0.942999	-1.06045	0.0227739	0.706242	1.13896	0.556224	0.85337	-1.17184	0.939147	0.970865	-1.03055	0.3651	0.708042	-1.41236	0.219601	1.38828	1.38828	1.64263	1.84645	0.999182	1
cg10525134	C8orf71	0.247963	0.541235	1.29184	1.29184	0.0712197	2.30325	2.30325	0.630717	0.818288	-1.22206	0.14353	1.91703	1.91703	0.162102	1.04129	1.04129	0.353101	1.48528	1.48528	0.31045	1.54423	1.54423	0.0809002	0.448846	-2.22793	0.634377	0.820072	-1.21941	1.64263	4.4597	2.41332	1
cg15155337	FBRSL1	0.247964	0.0127508	1.78208	1.78208	0.30122	1.28384	1.28384	0.0596247	1.83869	1.83869	0.0229732	1.28384	1.28384	0.211622	0.763851	-1.30956	0.527443	1.14317	1.14317	0.0103959	0.351355	-2.84693	0.0245985	0.776025	-1.28862	0.0849467	1.04079	1.04079	1.64263	0.0	0.0	1
cg10656415	C10orf82;HSPA12A	0.247973	0.288443	0.672103	-1.48787	0.103066	0.525728	-1.90212	0.0898899	0.509657	-1.96211	0.468544	0.766507	-1.30462	0.126124	0.550631	-1.8161	0.267948	0.659638	-1.51598	0.0772444	0.492489	-2.0305	0.498198	0.780416	-1.28137	0.0421149	0.429861	-2.32633	1.64259	1.38197	1.83016	1
cg13292202	TSSK1B;MCC	0.247975	0.0696312	0.267466	-3.73879	0.963836	0.970964	-1.0299	0.667571	1.32422	1.32422	0.917854	1.06935	1.06935	0.0336578	0.199399	-5.01506	0.813419	0.857564	-1.16609	0.197237	0.412336	-2.42521	0.108154	0.320095	-3.12407	0.362856	0.544549	-1.83638	1.64258	10.988	5.94623	1
cg05702884	DNAJB2;DNAJB2	0.247976	0.4190558	1.12693	1.12693	0.0703007	0.985475	-1.01523	0.964244	0.975422	-1.02547	0.658356	1.06903	1.06903	0.0001	0.0001	0.0001	0.884302	1.02209	1.02209	0.90272	0.98456	-1.01636	0.907571	1.00457	1.00457	0.673171	1.0057	1.0057	1.64257	0.58289	0.316733	1
cg14588422	PARD3	0.247979	0.0276738	1.76297	1.76297	0.602783	1.12115	1.12115	0.173505	1.37082	1.37082	0.618527	1.11554	1.11554	0.268567	1.28529	1.28529	0.979246	0.99435	-1.00568	0.275276	1.28045	1.28045	0.0470084	1.64075	1.64075	0.746333	0.931748	-1.07325	1.64257	1.23411	0.667851	1
cg09525796	KRT8	0.247982	0.0458345	1.44116	1.44116	0.631526	1.36791	1.36791	0.260514	1.24006	1.24006	0.568653	1.45287	1.45287	0.351656	0.537159	-1.86165	0.440947	1.62297	1.62297	0.454611	0.74555	-1.34161	0.0930553	1.98642	1.98642	0.0324802	1.50824	1.50824	1.64255	10.1956	5.9139	1
cg02788419	LINS1;LINS1;LINS1;ASB7;ASB7;LINS1	0.247985	?	?	?	0.890225	1.14194	1.14194	0.183979	0.93217	0.93217	0.0679397	0.135336	-7.38904	?	?	?	0.180188	0.785298	-1.2734	0.727647	1.39962	1.39962	0.151181	1.2887	-5.29941	0.496285	1.94528	1.94528	1.70977	19.0423	11.1373	1
cg08798933	USP13	0.247986	0.811329	0.894359	-1.11812	0.878598	0.931125	-1.07397	0.391918	1.50607	1.50607	0.867759	1.08091	1.08091	0.0988424	2.32771	2.32771	0.93982	0.965363	-1.03588	0.0385758	0.326704	-3.06087	0.177343	1.95298	1.95298	0.369786	1.53728	1.53728	1.64254	5.67018	3.06852	1
cg10401117	EEF2;3'NOR037	0.247989	0.2722814	1.60484	1.60484	0.115416	0.633524	1.58483	0.0923	1.21534	1.21534	0.402763	1.16446	1.16446	0.307023	1.46461	1.46461	0.345434	1.30723	1.30723	0.307534	1.27084	1.27084	0.140917	0.498177	-2.00732	0.676443	1.20414	1.20414	1.64253	0.51618	0.272544	1
cg26203356	KIAA1191;KIAA1191;KIAA1191	0.247989	0.378305	1.51629	1.51629	0.0556757	2.71426	2.71426	0.10819	2.24133	2.24133	0.197263	0.533819	-1.8733	0.555937	1.31559	1.31559	0.177342	1.93526	1.93526	0.922334	0.956086	-1.04593	0.264713	1.70798	1.70798	0.593272	0.780154	-1.2818	1.64253	5.51672	2.98549	1
cg22667835	KIAA0913;AKAP6	0.247993	0.558417	1.23221	1.23221	0.0703007	1.98575	1.98575	0.0544264	0.523638	-1.90972	0.888661	1.05432	1.05432	0.0001	0.0001	0.0001	0.939157	1.1447	1.1447	0.667906	0.838422	-1.19266	0.0164496	1.65269	1.65269	0.0476091	1.77974	1.77974	1.64253	0.58189	0.316733	1
cg14026115	FAM19A5;FAM19A5	0.247994	0.317484	0.663545	-1.50706	0.472578	1.33642	1.33642	0.62591	1.21532	1.21532	0.983005	0.991581	-1.00849	0.105364	0.495445	-2.01839	0.611392	0.815964	-1.22554	0.0164415	0.31234	-3.20164	0.483762	0.753913	-1.32641	0.501784	0.762923	-1.31075	1.64252	1.4096	2.21805	1
cg10345126	LUZP2	0.247995	0.160316	0.723766	-1.38166	0.283853	0.786652	-1.27121	0.638657	0.903085	-1.10732	0.559887	1.13549	1.13549	0.274017	0.782449	-1.27804	0.663866	0.638302	-1.56666	0.393844	0.828413	-1.20713	0.380915	1.21374	1.21374	0.163219	1.37817	1.37817	1.64252	1.20843	0.653972	1
cg23749163	KIAA1737	0.247995	0.981306	0.976825	-1.06374	0.832215	0.874891	-1.143	0.317464	0.99664446	0.952386	-1.05007	0.834939	-1.19848	0.0218766	1.16087	0.199929	0.894339	1.10083	1.10083	0.0331983	0.529428	-1.88906	0.0479147	0.710045	1.10043	1.10043	0.0504242	0.460981	1.10043	1.64252	0.465079	0.251691	1
cg08772567	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.247997	0.271279	0.623975	-1.60263	0.839947	0.920098	-1.08684	0.0747994	0.441648	-2.26424	0.889593	0.944405	-1.05887	0.243421	0.604931	-1.65308	0.595654	0.802073	-1.24677	0.0225283	0.324591	-3.0808	0.217442	0.586045	-1.70635	0.533863	1.29625	1.29625	1.6425	4.4116	2.38748	1
cg16225156	FSTL1	0.248004	0.733606	1.07985	1.07985	0.178585	0.649953	-1.53857	0.202262	0.732323	-1.36495	0.24512	0.743055	-1.34547	0.351656	0.537159	-1.86165	0.397911	1.12868	1.12868	0.208	2.2088	2.2088	0.106521	1.17522	1.44552	1.2646	1.2646	1.64247	2.37175	2.8357	1.19257	1
cg24391991	MAP3K8;MAP3K8	0.248015	0.530132	1.43009	1.43009	0.864272	0.908248	-1.10102	0.0518121	0.288003	-3.47218	0.815523	0.887062	-1.12732	0.902616	0.97128	0.71278	0.0514798	0.287357	-3.47999	?	?	?	0.116913	0.383618	-2.60676	0.783487	0.856471	-1.16758	1.64719	7.33714	4.45433	1
cg03431884	VSTM2A	0.248021	0.0758203	1.81812	1.81812	0.0826728	0.836797	1.19558	0.0882	1.56548	1.56548	0.346098	1.3412	1.3412	0.655734	1.12766	1.12766	0.865432	1.05266	1.05266	0.423322	0.780801	-1.28072	0.119569	1.66098	1.66098	0.0597987	2.07467	2.07467	1.64241	2.58112	1.24868	1
ch.1.4690234F	LGALS8;LGALS8;LGALS8;LGALS8	0.248023	0.532332	0.816529	-1.2247	0.0395387	0.86275	-2.14466	0.451905	0.782231	-1.27839	0.992849	0.997132	-1.00288	0.828599	0.932877	1.07195	0.919648	0.968181	-1.03286	0.0727736	0.526527	-1.89924	0.588064	0.830245	-1.19155	0.119759	1.71762	1.71762	1.6424	2.67135	1.54377	1
cg02856842	SH3BP5L	0.248027	0.169988	0.574231	-1.74146	0.583253	1.23384	1.23384	0.13404	0.713031	-1.40387	0.626051	0.829956	-1.20488	0.0960592	0.457225	-2.18711	0.469058	0.756108	-1.32256	0.0933264	0.496307	-2.01488	0.18521	1.70446	1.70446	0.270163	0.646765	-1.54616	1.64239	3.74684	2.02786	1
cg20618996	MYH7B	0.248028	0.2112446	1.77297	1.77297	0.444153	1.16157	1.16157	0.389512	1.83164	1.83164	0.222325	0.776736	1.03233	0.888354	1.01496	0.0917237	0.884302	1.02209	1.02209	0.90272	0.98456	-1.01636	0.907571	1.00457	1.00457	0.673171	1.0057	1.0057	1.64239	0.58289	0.316733	1
cg01010931	CREBBP;CREBBP	0.248031	0.957645	1.03089	1.03089	0.0496597	1.60674	1.60674	0.137696	2.49865	2.49865	0.216088	0.474379	-2.10802	0.463528	0.652182	-1.53331	0.178382	0.440824	-2.26848	0.437817	0.635475	-1.57363	0.953143	1.03424	1.03424	0.928103	0.949614	-1.05306	0.16237	0.53609	4.61993	1
cg10435126	LUZP2	0.248034	0.160316	0.723766	-1.38166	0.283853	0.786652	-1.27121	0.638657	0.903085	-1.10732	0.559887	1.13549	1.13549	0.274017	0.782449	-1.27804	0.663866	0.638302	-1.56666	0.393844	0.828413	-1.20713	0.380915	1.21374	1.21374	0.163219	1.37817	1.37817	1.64252	1.20843	0.653972	1
cg23749163	KIAA1737	0.248035	0.981306	0.976825	-1.06374	0.832215	0.874891	-1.143	0.317464	0.99664446	0.952386	-1.05007	0.834939	-1.19848	0.0218766	1.16087	0.199929	0.894339	1.10083	1.10083	0.0331983	0.529428	-1.88906	0.0479147

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg05786275	HDAC4	0.248197	0.505469	0.87126	-1.14776	0.03121483	0.599379	-1.66839	0.33211	0.8354	-1.22639	0.533722	0.133738	1.13718	0.246786	0.78113	-1.2802	0.063198	0.650614	-1.53701	0.443084	1.17254	1.17254	0.463881	0.85894	-1.16423	0.593329	0.895889	-1.11621	1.64174	1.08164	0.585629	1
cg13333107	EPS8	0.248197	0.125494	0.504766	-1.98112	0.946345	0.102814	1.02814	0.648901	1.20861	1.20861	0.813731	1.10221	1.10221	0.107782	0.485009	2.06182	0.908252	1.04868	1.04868	0.073216	1.23763	2.279	2.279	0.147189	1.89905	1.89905	0.815345	1.10126	1.10126	1.64174	4.42028	2.39327	1
cg05364508	BMPR2	0.248201	0.905358	1.02868	1.02868	0.798101	1.06283	1.06283	0.156245	1.43409	1.43409	0.433583	0.827007	-1.20918	0.06970101	0.617434	-1.61961	0.490248	0.846553	-1.18126	0.0459291	0.58053	-1.73256	0.724387	0.919292	-1.08779	0.315161	0.78123	-1.28003	1.64173	1.46914	0.795442	1
cg00885682	HS3ST2	0.248203	0.932358	1.0108	1.0108	0.9958	1.116281	1.116281	0.1515379	1.32359	1.32359	0.341786	1.13191	1.13191	0.775196	0.964428	-1.03688	0.808651	1.01463	1.01463	0.0456095	0.748302	-1.13636	0.806517	1.03153	1.03153	0.474474	0.912056	-1.09638	1.64172	0.416063	0.225272	1
cg17212075	LOC284023	0.248204	0.271721	0.865186	-1.15582	0.599632	0.935158	-1.06934	0.714464	0.954553	-1.04761	0.666644	0.946631	-1.05638	0.545896	0.92556	-1.08043	0.626875	0.939879	-1.06397	0.0116474	0.670948	-1.49043	0.976555	1.00373	1.00373	0.221366	1.17668	1.17668	1.64172	0.416514	0.225516	1
cg05120156	C1orf35	0.248211	7	7	?	0.462287	0.425606	-2.34959	0.336247	0.322434	1.0316	0.266649	1.79799	1.79799	0.515445	1.12308	1.12308	0.639335	1.714	1.714	0.0269005	0.0503828	-19.9271	0.266286	0.26602	-3.75207	0.690425	0.633167	-1.57936	1.64644	30.2073	18.3471	1
cg26328150	TRAPPC9;TRAPPC9	0.248222	0.699309	0.923665	-1.08264	0.1804571	1.33771	1.33771	0.499697	1.15047	1.15047	0.35717	1.21378	1.21378	0.589007	0.894407	-1.11806	0.737963	1.07111	1.07111	0.0170807	1.81269	1.81269	0.580767	1.12089	1.12089	0.311187	0.807056	-1.23907	1.64165	1.08825	0.589245	1
cg04114708	SMOC2;SMOC2	0.248227	0.0535781	0.41334	-2.40813	0.2258358	0.617298	-1.61826	0.211178	0.496902	-2.01247	0.981645	0.990721	-1.00915	0.0172012	0.348713	-2.86769	0.750566	0.879382	-1.13706	0.1402345	0.960192	-1.04124	0.932744	0.668516	-1.49585	0.304681	0.651426	-1.53509	1.64163	4.22109	2.28966	1
cg14042308	RIN1	0.248229	0.105158	0.337764	-2.96064	0.574608	0.157197	1.18434	0.793067	1.14786	1.14786	0.597635	1.72144	-1.48612	0.202128	0.425385	-2.20337	0.151422	0.389732	-2.56587	0.0371992	0.226819	4.4088	0.0757572	0.295795	-3.35914	0.214166	0.648546	-2.22943	1.64163	9.7708	5.29058	1
cg22876561	PHF14;PHF14;PHF14;PHF14	0.248234	0.330219	1.35103	1.35103	0.0659775	0.539109	-1.8546	0.361928	0.75532	-1.32394	0.28449	1.39504	1.39504	0.714587	0.89585	-1.11626	0.710586	0.894392	-1.11808	0.362497	0.755585	-1.32348	0.19156	1.51288	1.51288	0.177396	1.53612	1.53612	1.64161	2.33126	1.26232	1
cg23742806	PDSS4;PDSS4;PDSS4	0.248239	0.869534	1.06359	1.06359	0.5209441	1.032607	1.032607	0.1107	1.001704	0.435855	-2.29434	0.775277	1.13332	1.13332	0.429126	-2.33029	0.851259	1.07294	1.07294	0.122891	1.87179	1.87179	1.48861	1.76803	1.76803	0.129434	0.214834	0.612804	1.63184	1.64159	3.657	1.9802	1
cg05849149	EFNB1	0.24824	0.0365007	0.140423	-7.12132	0.373622	0.478236	-2.09102	0.571106	0.629823	-1.58775	0.66855	1.41604	1.41604	0.356903	0.4652	-2.14962	0.183139	0.319563	-3.12928	0.0374652	0.142276	-7.02862	0.329464	0.443591	-2.25433	0.826351	1.19418	1.19418	1.64158	16.9599	9.18348	1
cg00599701	HOXA7	0.248243	0.0452159	5.67963	5.67963	0.483427	0.583761	-1.71303	0.904627	1.09479	1.09479	0.37979	0.506154	-1.97568	0.334639	0.471406	-2.12132	0.360996	0.49298	-2.02835	0.104172	0.265165	-3.82906	0.883821	1.9638	1.9638	0.503967	0.600471	-1.66536	1.64158	14.9498	8.04091	1
cg09975219	ATP11A;ATP11A	0.248248	0.921488	0.950485	-1.05209	0.22098	1.9402	1.9402	0.319246	0.588467	-1.69933	0.878341	1.0821	1.0821	0.699525	0.818907	-1.22114	0.637055	0.782844	-1.27739	0.0983907	2.54395	2.54395	0.0318276	3.65471	3.65471	0.32645	1.68521	1.68521	1.64155	6.899	3.73576	1
cg05678100	GAUNTL6	0.248248	0.83415	1.03644	1.03644	0.924826	1.01624	1.01624	0.214542	1.32832	1.32832	0.308018	0.835749	-1.19653	0.639628	0.922644	-1.08384	0.116601	1.13789	1.13789	0.0795398	0.717306	-1.3941	0.281687	0.826125	-1.21047	0.530371	1.11462	1.11462	1.64155	0.757796	0.410341	1
cg02629761	PTPN21	0.248251	0.23313	1.20747	1.20747	0.010244	1.152677	1.152677	0.353617	1.15343	1.15343	0.739036	1.05173	1.05173	0.834805	1.01199	1.01199	0.483267	1.11343	1.11343	0.178804	1.24027	1.24027	0.545879	0.91195	-1.09655	0.0945779	1.19258	1.19258	1.64155	0.591195	0.320129	1
cg14474003	DSCAML1	0.248251	0.646981	0.855672	-1.16867	0.930608	0.970988	-1.02888	0.218198	1.54934	1.54934	0.316327	0.704554	-1.41934	0.064073	0.494882	-2.02068	0.129501	0.574821	-1.73967	0.441086	0.766782	-1.30415	0.151457	1.68126	1.68126	0.558724	0.818821	-1.22127	1.64154	2.97074	1.60865	1
cg00751155	TOB2	0.248255	0.131228	1.42211	1.42211	0.0570783	1.59265	1.59265	0.212964	1.32323	1.32323	0.907624	0.975227	-1.0254	0.415595	1.197	1.197	0.544111	1.14189	1.14189	0.131002	0.700921	-1.42645	0.764845	1.06698	1.06698	0.414893	0.835184	-1.19704	1.64153	1.21417	0.657472	1
cg12631351	RASGRF2	0.248255	0.8019198	0.726727	-1.37603	0.4045035	2.416401	2.416401	0.268674	1.26.583	26.5893	0.609958	0.520164	-1.92247	0.677775	0.588094	-1.70041	0.679614	1.70082	1.70082	0.422598	0.353239	-2.83095	0.0522263	16.5281	16.5281	0.734048	1.54127	1.54127	1.64153	41.9587	22.7207	1
cg25314152	PGAM5;PGAM5;PGAM5	0.248256	0.280528	1.19228	1.19228	0.659554	1.07198	1.07198	0.178627	1.25113	1.25113	0.0940442	1.33463	1.33463	0.434799	1.13308	1.13308	0.783522	0.95774	-1.04412	0.724054	1.05715	1.05715	0.0137987	1.61159	1.61159	0.690922	1.06467	1.06467	1.64152	0.639101	0.346075	1
cg24844513	ITPR3	0.248256	0.379414	1.16094	1.16094	0.320043	1.193	1.193	0.0188353	1.60214	1.60214	0.902191	1.00056	1.00056	0.972781	1.1927	1.1927	0.561904	1.10591	1.10591	0.557397	1.10518	1.10518	0.896044	1.02387	1.02387	0.0722897	1.24623	1.24623	1.64152	0.712035	0.385569	1
cg00093688	NDOR1;NDOR1;NDOR1;NDOR1	0.248262	0.526577	0.844125	-1.18466	0.220066	0.711728	-1.40503	0.28971	0.748097	-1.33672	0.76359	0.923427	-1.08292	0.764202	0.923624	-1.08269	0.160772	1.48534	1.48534	0.602636	0.870474	-1.1488	0.0310023	1.95183	1.95183	0.753102	1.0877	1.0877	1.6415	1.81328	0.981908	1
cg13031109	FBLL1	0.248262	0.309421	1.36478	1.36478	0.0785591	1.1624	1.1624	0.0853733	1.24611	1.24611	0.305999	1.03597	1.03597	0.858185	0.982765	-1.01764	0.141063	1.72518	1.72518	0.0126484	0.0829114	12.0706	0.0189364	2.51486	2.51486	0.787092	1.09182	1.09182	1.64604	2.44019	1.48246	1
cg15909981	TMPRSS6	0.248265	0.161301	0.258948	-3.86179	0.288236	0.369428	-2.70689	0.8898735	0.184785	-5.4117	0.13025	0.228533	-4.37573	0.0801116	0.17314	0.77567	0.0707792	0.48183	-2.07542	0.460093	1.31258	1.31258	0.17137	1.69328	1.69328	0.196015	1.63966	1.63966	1.64123	3.39975	1.8413	1
cg15924971	PHACTR2;PHACTR2	0.248341	0.0842206	0.995418	0.126364	0.126364	2.56378	2.56378	0.362591	1.703	1.703	0.61803	1.32244	1.32244	0.405947	0.47152	-2.12009	0.237126	2.0263	2.0263	0.0139552	0.0400557	7.35141	0.0135966	1.49.4	1.49.4	0.0400557	1.58247	0.199944	0.462312	-2.16304	0.64123	0.57059	1
cg04483741	NLGN4X;NLGN4X	0.248357	0.353015	0.614744	-1.62669	0.0190594	0.255294	-4.23837	0.109147	0.40189	-2.43374	0.917378	0.948542	-1.05425	0.172303	0.4773	-2.09512	0.278069	0.563127	-1.7758	0.202848	0.504366	-1.98269	0.640473	0.787039	-1.27059	0.669374	1.24445	1.24445	1.64122	2.57363	3.64912	1
cg23574443	LOC100128288	0.24834	0.37964	0.669029	-1.4947	0.588827	1.27554	1.27554	0.706736	1.1836	1.1836	0.539801	0.758194	-1.31892	0.845747	0.427096	-2.34139	0.427373	0.696709	-1.43532	0.899212	1.05814	1.05814	0.218797	1.78031	1.78031	0.0365304	0.338334	-2.95561	1.64121	5.16946	2.79981	1
cg10683775	PHACTR2;PHACTR2	0.248341	0.0842206	0.995418	0.126364	0.126364	2.56378	2.56378	0.362591	1.703	1.703	0.61803	1.32244	1.32244	0.405947	0.47152	-2.12009	0.237126	2.0263	2.0263	0.0139552	0.0400557	7.35141	0.0135966	1.49.4	1.49.4	0.0400557	1.58247	0.199944	0.462312	-2.16304	0.64123	0.57059	1
cg00483741	NLGN4X;NLGN4X	0.248357	0.353015	0.614744	-1.62669	0.190594	0.255294	-4.23837	0.109147	0.40189	-2.43374	0.917378	0.948542	-1.05425	0.172303	0.4773	-2.09512	0.278069	0.563127	-1.7758	0.202848	0.504366	-1.98269	0.640473	0.787039	-1.27059	0.669374	1.24445	1.24445	1.64122	2.57363	3.64912	1
cg23574443	LOC100128288	0.24834	0.37964	0.669029	-1.4947	0.588827	1.27554	1.27554	0.706736	1.1836	1.1836	0.539801	0.758194	-1.31892	0.845747	0.427096	-2.34139	0.427373	0.696709	-1.43532	0.899212	1.05814	1.05814	0.218797	1.78031	1.78031	0.0365304	0.338334	-2.95561	1.64121	5.16946	2.79981	1
cg10683775	PHACTR2;PHACTR2	0.248341	0.0842206	0.995418	0.126364	0.126364	2.56378	2.56378	0.362591	1.703	1.703	0.61803	1.32244	1.32244	0.405947	0.47152	-2.12009	0.237126	2.0263	2.0263	0.0139552	0.0400557	7.35141	0.0135966	1.49.4	1.49.4	0.0400557	1.58247	0.199944	0.462312	-2.16304	0.64123	0.57059	1
cg27044593	ZBTB48	0.248348	0.260727	0.761761	-1.31275	0.755595	0.930126	-1.07512	0.275258	1.30124	1.30124	0.335613	1.15665	1.15665	0.902908	1.06294	1.06294	0.078429	0.635447	-1.57369	0.0735696	0.629534	-1.58848	0.25027	1.32142	1.32142	0.661547	1.1076	1.1076	1.64118	1.39885	0.757638	1
cg17188057	TPR2	0.248349	0.327235	0.807403	-1.23866	0.3697	0.221121	1.66463	0.0953995	1.32052	1.32052	0.299383	1.30127	1.30127	0.554086	0.855914	-1.16824	0.160996	1.47096	1.47096	0.0139797	0.903496	-1.10681	0.974579	1.90224	1.90224	0.0442845	1.5096	1.5096	1.64117	3.58103	1.84284	1
cg14020278	C9orf86;C9orf86	0.248355	0.0369351	0.657049	-1.52196	0.08005541	0.714673	-1.39924	0.363174	1.17584	1.17584	0.389666	0.858313	-1.16508	0.869964	0.972003	-1.0288	0.427373	0.696709	-1.43532	0.899212	1.05814	1.05814	0.218797	1.78031	1.78031	0.0365304	0.338334	-2.95561	1.64121	5.16946	2.79981	1
cg00341915	CASC2;RAB11FIP2;CASC2;CASC2	0.248359	0.443884	0.677724	-1.47553	0.0909803	0.919393	-1.07074	0.623784	0.853786	-1.17137	0.332463	-3.00786	0.25198	0.507353	-1.81556	0.620551	1.1262	1.1262	1.1262	0.0139553	0.902736	1.10832	0.886284	1.03754	1.03754	0.564085	1.04077	1.04077	1.64117	0.734161	0.540911	1
cg06727605	INSL5	0.248362	0.737184	0.916921	-1.09061	0.863495	1.045361	1.045361	0.154097	1.04531	1.04531	0.354979	0.838318	1.08613	0.482984	1.22651	-1.20155	0.854401	1.05794	1.05794	0.0139553	0.902736	1.10832	0.886284	1.03754	1.03754	0.564085	1.04077	1.04077	1.64117	0.734161	0.540911	1
cg14003749	USP14;USP14	0.248365	0.897804	1.02859	1.02859	0.0625838	0.631483	-1.58357	0.250082	0.76824	-1.30168	0.388991	1.21368	1.21368	0.124366	1.4405	1.4405	0.757071	0.934202	-1.07043	0.120292	1.44723	1.44723	0.709155	0.921099	-1.08566	0.904491	0.974012	-1.02668	1.64111	1.25066	0.677403	1
cg00709527	NUBP2;SPIB3	0.248366	0.15142	1.28017	1.28017	0.0778866	1.18367	1.18367	0.0827857	1.54256	1.54256	0.477476	1.12718	1.12718	0.289366	1.20064	1.20064	0.160914	1.1376	1.1376	0.0139565	0.902736	1.10832	0.886284	1.03754	1.03754	0.564085	1.04077	1.04077	1.64117	0.734161	0.540911	1
cg09153895	LOC553653	0.248368	0.126232	0.562618	-1.77826	0.523779	-1.9092	0.282914	0.0574154	-17.4169	0.493127	0.215558	0.107723	0.144138	6.93781	0.324862	0.325663	-3.07066	0.208508	0.231511	-4.31944	0.973191	0.963596	-1.03778	0.280978	0.295208	-3.38744	1.6411	31.6502	17.1431	1
cg03946106	MVP;MVP	0.248371	0.618186	0.907463	-1.10197	0.555661	0.891454	-1.12176	0.264798	0.798841	-1.25181	0.88898	0.97337	-1.02736	0.709486	0.930235	-1.075	0.21891	0.7789	-1.28386	0.0157547	0.317425	3.14645	0.0170306	0.651837	-1.53403	0.499767	0.876007	-1.14154	1.64109	0.976023	0.552379	1
cg25190634	RAK1BP1	0.248375	0.495873	1.16543	1.16543	0.0760237	0.64888	-1.54825	0.267666	0.774369	-1.29137	0.228991	1.32247	1.32247	0.778287	0.919418	-1.08749	0.109939	1.40375	1.40375	0.263263	0.774429	-1.29462	0.432204	0.91417	-1.09417	0.788684	0.942258	-1.06128	1.64108	1.27405	0.69009	1
cg01407086	SEC24A	0.248379	0.215459	1.15984	1.15984	0.57689	1.0662	1.0662	0.411795	0.908972	-1.10014	0.453858	1.09065	1.09065	0.01270907	1.42216	1.42216	0.714468	1.04268	1.04268	0.474067	0.18572	-5.38572	0.496449	1.08169	1.08169	0.505857	0.926099	-1.0798	1.64106	0.336175	0.182091	1
cg07504616	MAF;MAF	0.248438	0.0676763	0.609707	-1.64005	0.0258567	0.271381	1.68463	0.0853995	1.32052	1.32052	0.299383	1.30127	1.30127	0.554086	0.855914	-1.16824	0.160996	1.47096	1.47096	0.0139797	0.903496	-1.10681	0.974579	1.90224	1.90224	0.0442845	1.5096	1.5096	1.64117	3.58103	1.84284	1
cg03816991	WDR58	0.24838	0.199754	0.83544	-1.19697	0.529405	0.918914	-1.08824	0.548349	0.922551	-1.08395	0.47152	1.10209	1.10209	0.421917	1.11503	1.11503	0.103882	1.2662	1.2662	0.976573	1.0039	1.0039	0.19719	0.834483	-1.19835	0.0809425	1.29284	1.29284	1.64106	0.457839	0.247992	1
cg17434257	CAMLG;CAMLG	0.248379	0.609623	0.753798	-1.32662	0.786649	0.861661	-1.16055	0.817363	1.13537	1.13537	0.885416	0.873316	-1.14506	0.0119881	0.174133	-5.7472	0.125123	0.13453	-7.43528	0.0509957	0.0681485	-14.6738	0.431449	0.378978	-2.63868	0.243814	0.229218	-4.36358	1.64107	2.92964	1.78227	1
cg19274871	CMPK2	0.248383	0.134554	1.080278	-5.547	0.493198	0.477611	-2.09376	0.0896757	0.137126	-7.29255	0.262629	0.259468	-3.85404	0.0556	-0.0999219	-10.0078	0.327805	0.342116	-2.92298	0.0754913	0.128425	0.418727	-2.38819	0.0734375	0.120094	8.32683	1.64102	29.3063	15.8743	1
cg20703290	OGDH;OGDH;OGDH	0.248392	0.117288	0.718066	-1.39263	0.127947	1.37765	1.37765	0.203803	1.29836	1.29836	0.901168	1.02448	1.02448	0.0546025	1.52877	1.52877	0.337955	1.21203	1.21203	0.590096	0.899541	-1.11168	0.620784	1.10195	1.10195	0.739398	1.06715	1.06715	1.64101	0.984062	0.533526	1
cg21799206	ANKRD33B	0.248393	0.586094	1.12762	1.12762	0.394736	1.2709	1.2709	0.0772669	1.51143	1.51143	0.930914	1.00078	1.00078	0.0197227	1.04127	-2.02037	0.287644	1.82484	1.82484	0.542091	2.1144	2.1144	0.0138828	4.98.98	4.98.98	0.0197227	1.97473	1.97473	1.64101	38.7561	20.7874	1
cg00308792	PD2D2	0.248397	0.250581	1.1285	1.1285	0.780256	0.5139	1.0539	0.825209	0.959331	-1.04239	0.574094	1.11249	1.11249	0.445884	0.875483	-1.14223	0.266293	1.24287	1.24287	0.0994634	1.8538	1.8538	0.880553	0.972169	-1.02863	0.910362	1.17935	1.17935	1.64099	0.915756	0.496044	1
cg08834631	LMLN;KQCG;LMLN;LMLN;LMLN	0.248397	0.573257	0.899094	0.07412	0.0541	0.875853	-1.14241	0.3541	0.997702	1.0003	0.0007	0.737014	1.3541	0.0576224	1.3086	1.3086	0.0972782	0.70506	-1.4189	0.0113803	1.10254	1.10254	0.113803	1.24128	1.24128	0.071986	0.995598	1.00442	1.64098	0.995598	0.502724	1
cg05642044	PRKCI	0.248399	0.00602731	0.271999	-3.67648	0.498119	0.779136	-1.28347	0.423779	0.743452	-1.34508	0.555661	0.980026	-1.02038	0.943881	1.02588	1.02588	0.390915	0.726877	-1.37575	0.616506	0.832579	-1.20109	0.551496	0.803611	-1.24437	0.606597	0.828213	-1.20742	1.64099	1.42227	1.85378	1
cg00700596	TNFRSF21	0.248404	0.731523	0.93488	-1.06966	0.429306	0.854063	-1.17087	0.302256	0.811438	-1.23238	0.85736	1.0358	1.0358	0.0766206	1.46604	1.46604	0.320027	1.22551	1.22551	0.032756	1.62988	1.62988	0.502421	1.01852	1.01852	0.555564	1.12363	1.12363	1.64097	0.993484	0.538157	1
cg06852032	LGALS9;LGALS9;LGALS9	0.248406	0.863748	1.08954	1.08954	0.7125656	0.25544	2.39554	0.0033	0.878508	1.18987	0.0655	0.601142	1.18987	0.0655	0.601142	1.18987	0.809205	1.08299	1.08299	0.0222575	0.0222575	1.70094	0.0222575	1.70094	0.0222575	1.70094	0.0222575	1.70094	1.64097	0.866411	0.515416	0.594996	1
cg14837817	PYCRL	0.24841	0.327949	1.14384	1.14384	0.0477372	1.35159	1.35159	0.362306	0.882838	-1.13271	0.608514	1.07117	1.07117	0.0813821	1.29317	1.29317	0.209419	1.19252	1.19252	0.345607	0.878735	-1.138	0.799344	0.966669	-1.03448	0.956608	0.992785	-1.00727	1.64094	0.460313	0.249349	1
cg10583997	UBE2E2	0.248412	0.33265	0.767899	1.07686	0.382585	-2.6138	0.431163	0.158398	0.614402	-1.55909	0.0810859	0.940468	-1.06355	0.228211	0.144536	0.409458	-2.35317	0.206367	0.482167	-2.07197	0.157076	2.10191	2.10191	0.237384	0.507905	-1.96887	0.94094	0.97477	1.02.497	1.64093	0.621197	1
cg06082432	SOCS1	0.248417	0.400966	1.27245	1.27245	0.693215	0.894827	-1.11753	0.230816	1.42234	1.42234	0.514409	1.20375	1.20375	0.169194	0.663316	-1.50758	0.396234	1.2757	1.2757	0.267567	0.723471	-1.38223	0.749172	1.74354	0.51452	1.53828	1.53828	1.64092	2.04142	1.10584	1

Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg06291428	CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTNND1;CTN	0.248418	0.414023	1.61872	1.61872	0.118568	0.376329	-2.65725	0.758735	0.837198	-1.19446	0.993684	1.00458	1.00458	0.926368	1.05476	1.05476	0.884643	1.08734	1.08734	0.0279795	4.47075	4.47075	0.134973	2.53312	2.53312	0.617498	1.36997	1.36997	1.64091	8.64603	4.68358	1
cg02994463	PCDH17	0.248422	0.270273	0.41418	-2.41441	0.0561903	0.190022	-5.26254	0.428729	0.537747	-1.85961	0.374342	2.01417	2.01417	0.107945	2.060052	-1.84539	0.734487	0.769967	-1.29876	0.329504	0.461742	-2.16571	0.181037	2.9757	2.9757	0.871528	1.13233	1.13233	1.6409	15.3239	8.30111	1
cg08592305	MAST3	0.248423	0.287934	2.51101	2.51101	0.125115	3.99605	3.99605	0.142031	3.73338	3.73338	0.302228	2.4397	2.4397	0.0914483	4.71634	4.71634	0.262522	2.65087	2.65087	0.239864	2.79267	2.79267	0.0280873	8.71152	8.71152	0.146618	3.6699	3.6699	1.6409	18.0977	9.80373	1
cg15728918	ELMO2;ELMO2	0.248429	0.859538	0.824955	-1.21185	0.415632	0.731229	-1.36792	0.246851	0.684158	-1.46112	0.745459	1.27702	1.27702	0.0468561	2.1345	2.1345	0.215748	-2.07702	-2.07702	0.143611	2.57863	2.57863	0.0206753	2.56736	2.56736	0.0363491	2.63577	2.63577	1.56356	0.0972	0.062906	12.8459	1
cg12608306	BAT4;BAT4;CSNK2B	0.248433	0.421365	0.812807	-1.23031	0.0460384	0.78052	-1.78052	0.0852471	1.61626	1.61626	0.635612	0.886527	-1.128	0.600541	1.14261	1.14261	0.583067	0.868804

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error)
cg04523524	NMU; SIGLEC10;SIGLEC10;SIGLEC10;SIGLEC10 -SIGLEC10;SIGLEC10;SIGLEC10;LOC1001	0.248591	0.750201	0.772915	-1.2938	0.172493	0.54579	2.94579	0.0693171	4.53549	0.543589	1.57967	1.57967	0.0626471	0.210388	-4.75311			0.295913	0.446246	-2.23996	0.881114		0.982537	-1.01777	0.671116	0.727746	-1.37411	0.980186	0.981691	-1.01865	1.64227	14.3826	7.79416	1
cg04235240	CYP26B1	0.248602	0.194392	1.93814	1.93814	1.038071	2.32722	2.32722	0.313157	6.6302	0.228081	1.83953	1.83953	0.114431	0.437227	-2.28688			0.90155	1.00144	1.00144	0.07742 64	2.57459	2.57459	0.51298	1.37664	1.37664	0.568778	1.31979	1.31979	0.14222	0.92051	3.26758	1
cg15432414	YY1	0.248606	0.185328	0.857914	-1.16562	0.271084	1.13317	1.13317	0.733082	1.03805	1.03805	0.804775	0.973341	-1.02739	0.0744871	1.24211	1.24211		0.180068	0.856132	-1.16804	0.125399	0.834464	-1.19837	0.576721	1.06346	1.06346	0.945907	0.992624	-1.00743	1.64021	0.309244	0.167591	1
cg04139981	MASP1;MASP1;MASP1	0.248608	0.176903	0.645498	-1.55172	0.589813	0.857161	-1.16664	0.387364	2.88526	-1.12961	0.147226	0.609037	-1.55485	0.610039	0.862353	-1.15962		0.295314	1.36629	1.36629	0.07098 58	1.78799	1.78799	0.47582	0.811595	-1.23214	0.164347	0.652351	-1.53292	1.4402	2.15324	1.16693	1
cg00389289	ZNF204P	0.248615	0.731173	0.938594	-1.06542	0.464574	0.872167	-1.14657	0.0160955	1.77881	1.78881	0.329115	0.831042	-1.20313	0.788732	1.05059	1.05059		0.6549	0.920657	-1.08618	0.422213	0.860152	-1.16259	0.360274	0.841283	-1.18866	0.593321	1.10412	-1.10412	1.16018	0.877115	0.47535	1
cg07157058	CAGE1;CAGE1;RIOK1;RIOK1;CAGE1	0.248617	0.0561844	0.499863	-2.00055	0.264143	1.45238	1.45238	0.902265	1.04018	1.04018	0.858521	0.944395	-1.05888	0.349799	1.36151	1.36151		0.880488	0.952905	-1.04942	0.0912056	1.81572	1.81572	0.288359	1.42392	1.42392	0.218804	1.51377	1.51377	1.64017	2.67059	1.44732	1
cg21032475	STK39	0.248622	0.884508	0.972605	-1.03145	0.931265	0.41255	1.41255	0.0615	1.33042	1.33042	0.0610778	0.904396	-1.02283	0.0528306	1.15272	1.15272		0.585739	1.11091	1.11091	0.352752	1.24686	1.24686	0.409721	1.17483	1.17483	0.764644	1.05906	1.05906	1.64015	0.984736	0.514174	1
cg01656620	FAM101A	0.248626	0.0628314	0.158883	-6.62898	0.111884	0.209203	-4.78004	0.25329	0.340224	-2.93924	0.300617	0.379373	-2.63593	0.0588124	0.145353	-6.87981		0.416546	0.470717	-2.12442	0.0977638	0.193676	-5.16326	0.133588	0.231739	-4.3152	0.162513	0.259917	-3.84738	1.64013	0.212114	11.4957	1
cg15190676	DCTN6	0.248627	0.810777	1.0382	1.0382	1.090157	1.14755	1.14755	0.834885	1.03316	1.03316	0.170564	1.25622	1.25622	0.361859	0.863729	-1.15777		0.319353	0.777566	-1.28606	0.0378015	0.68626	-1.45717	0.742077	1.05208	1.05208	0.656394	1.0725	1.0725	1.64013	0.6346	0.34933	1
cg25996553	DLC1	0.248629	0.373089	0.512159	-1.95252	0.0237929	0.138861	-7.20146	0.0149253	0.317994	-3.14472	0.857898	0.877084	-1.14014	0.100292	0.267788	3.7343		0.302963	0.458031	-2.18326	0.209719	0.18007	-5.55407	0.0956593	0.262008	-3.81667	0.597598	0.677186	-1.4767	1.64012	13.9099	7.53867	1
cg16590777	RER1	0.248633	0.718365	1.10454	1.10454	0.383308	1.28719	1.28719	0.531721	0.840368	-1.18995	0.486542	0.823574	-1.21422	0.207462	2.1477	2.1477		0.998669	1.00053	1.00053	0.48093	1.21736	1.21736	0.07365	1.72891	1.72891	0.9581	0.985679	-1.01453	1.64011	1.95794	1.06114	1
cg00321120	BRD7	0.248634	0.0738095	0.133564	1.12318	0.79085	0.143633	1.43633	0.0679346	1.67798	1.46798	0.276445	0.188509	-1.23685	0.0927581	0.972269	-1.02326		0.464614	1.14699	1.14699	0.398335	0.850125	-1.17653	0.172389	0.932835	-1.072	0.745783	0.940746	-1.06299	1.64008	0.915822	0.468256	1
cg01537769	GPC6	0.248641	0.822874	0.890669	-1.12275	0.033091	0.276176	-3.62088	0.226389	0.518945	-1.92699	0.786054	1.15085	1.15085	0.0527625	0.320787	-3.11734		0.523841	0.716336	-1.39599	0.348476	1.64619	1.64619	0.832961	0.896571	-1.11524	0.841756	1.10875	1.10875	1.64008	6.9272	3.75441	1
cg24775285	PET112L	0.248647	0.0792711	0.0943	-10.6042	0.0740525	0.140026	7.0026	0.0906	0.104092	9.60992	0.226771	0.853765	1.06305	0.0151871	0.15497	-6.45478		0.919056	0.989423	-1.01066	0.922763	0.794134	1.26005	0.380631	0.840365	1.1621	0.0788462	1.22932	1.22932	1.64005	0.290713	0.157563	1
cg05537993	ZSCAN1	0.248665	0.438808	2.55125	2.55125	0.36431	3.0211	3.0211	0.0164145	32.4059	32.4059	0.102466	8.40146	8.40146	2.200089	4.61486	4.61486		0.24893	4.17597	4.17597	0.763777	0.702299	-1.4239	0.824032	0.767864	-1.30231	0.434531	2.57465	2.57465	1.64004	36.5392	19.8039	1
cg19133221	KDM4B	0.248653	0.111972	0.306259	-3.26521	0.487803	0.557555	-1.61903	0.596507	0.694076	-1.44076	0.188778	0.385988	2.59075	0.192565	0.389491	-2.56745		0.142655	0.340503	-2.93683	0.0206193	0.148642	-6.72759	0.0842	0.184075	5.43	0.381596	-2.62057	1.64004	0.102	0.58067	0.34	1
cg24714105	LOC145845	0.248657	?	?	?	0.10912	0.0656776	-15.2259	0.253873	0.158116	-6.32448	0.980979	0.964002	-1.03734	?	?	?		?	?	?	0.116509	0.0701852	-14.248	?	?	1.72229	28.0619	28.5135	1
cg00590251	STEAP3;STEAP3;STEAP3	0.248666	0.414892	0.351544	-1.17434	0.0237	0.594096	-1.68323	0.3179	1.22027	1.22027	0.851981	1.03668	1.03668	0.818793	1.04524	1.04524		0.426862	1.16934	1.16934	0.256114	0.795659	-1.25682	0.287476	0.808187	-1.23734	0.276545	0.803916	-1.24439	1.64001	0.965791	0.523461	1
cg11459551	TMEM211	0.248681	0.253466	0.708503	-1.41139	0.559539	0.867153	-1.15332	0.0677936	1.44634	1.44634	0.852183	1.17346	1.17346	0.0215095	0.852305	-1.17346		0.45033	0.828319	-1.20719	0.190166	0.755523	-1.32359	0.284483	0.752319	-1.32922	0.1041	0.665181	-1.50335	1.64	1.30278	0.740272	1
cg11795628	NALCN	0.248683	0.887734	0.965692	-1.03553	0.281654	0.758414	-1.31854	0.387683	0.803466	-1.24461	0.567742	1.15342	1.15342	0.0316395	1.86396	1.86396		0.557766	0.863719	-1.15778	0.373386	1.25337	1.25337	0.436797	0.821969	-1.21659	0.185277	0.706677	-1.41507	1.63999	1.58648	0.859888	1
cg01000002	AP3M2;AP3M2	0.248687	0.820252	1.0474	1.0474	0.573271	0.858095	-1.16547	0.452584	0.857146	-1.16666	0.641367	1.22078	1.22078	0.0506306	1.55318	1.55318		0.430658	1.04023	1.04023	0.772	0.694613	-1.43981	0.409413	0.81728	-1.18728	0.24997	1.07533	1.07533	1.63998	0.863714	0.482848	1
cg09262504	THSD4	0.248701	0.367203	0.702257	-1.42398	0.490798	0.765628	-1.30612	0.775305	0.869546	-1.11539	0.421033	1.36842	1.36842	0.0192612	0.730202	1.31104		0.807037	0.97087	1.09787	0.248503	0.631095	-1.58455	0.632354	1.20192	1.20192	0.982024	1.00863	1.00863	1.63997	1.78172	2.04975	1
cg05100017	GRM4	0.248705	0.976427	1.02149	1.02149	0.0189667	0.72533	0.72533	0.132668	3.21442	3.21442	0.719641	1.27127	1.27127	0.856387	1.13873	1.13873		0.347611	2.00504	2.00504	0.19505	0.37293	-2.68147	0.73631	1.27536	1.27536	0.925002	0.934484	-1.07011	1.63995	1.35459	7.29124	1
cg00085198	ANKRD29	0.248708	0.155689	0.0792711	-12.6202	0.0740525	0.140026	-7.0026	0.0906	0.104092	9.60992	0.226771	0.853765	1.06305	0.0151871	0.15497	-6.45478		0.148175	0.710172	-1.4081	0.0113881	0.738386	-1.3543	0.170554	0.724656	-1.37988	0.467406	0.856895	-1.16417	1.63993	0.290713	0.157563	1
cg26480315	AR;AR	0.248681	0.197721	0.338464	-2.95452	0.0357721	0.143136	-6.98634	0.0864416	0.221568	-4.5133	0.634306	0.682977	-1.46418	0.116138	0.257001	3.89103		0.122653	0.26416	-3.78478	0.567941	0.631731	-1.58295	0.119188	0.2604	-3.84025	0.776892	0.797674	-1.25364	1.63993	14.9136	8.91306	1
cg23816347	CCDC37	0.248683	0.0468567	0.0792711	-12.6202	0.0740525	0.140026	-7.0026	0.0906	0.104092	9.60992	0.226771	0.853765	1.06305	0.0151871	0.15497	-6.45478		0.366997	0.707197	-1.4141	0.0116754	0.737477	-1.3557	0.163038	0.722982	-1.38301	0.467892	0.856895	-1.16722	1.63992	0.290713	0.157563	1
cg03573961	ACSF3;ACSF3;ACSF3	0.248687	0.182503	0.788798	-1.26775	0.833663	1.03589	1.03589	0.193848	1.25926	1.25926	0.269171	0.824505	-1.21285	0.608541	0.917022	-1.09049		0.11591	1.75089	-1.33183	0.185944	1.26512	1.26512	0.488649	-1.12521	1.12521	0.191439	0.793006	-1.26102	1.63991	0.730358	0.395881	1
cg06181703	C1orf159	0.248687	0.0685926	0.0982437	-10.1788	0.472894	0.435625	-2.29555	0.602168	0.549559	-1.81964	0.453744	0.419511	-2.38373	0.0789952	0.108609	-9.20735		0.351085	0.335417	-2.98136	0.0279261	0.0519949	-19.2326	0.248973	0.253707	-3.94155	0.143698	0.167261	-5.97867	1.6399	0.316489	18.239	1
cg04653639	TBC1D16	0.248687	0.33386	0.704458	-1.41989	0.39038	0.192174	3.19274	0.39474	0.794453	1.26071	0.129749	0.369255	2.70797	0.0178504	0.389366	-2.56844		0.936171	1.06041	1.06041	0.764036	0.802584	-1.24598	0.0604995	0.755141	-3.91941	0.631269	1.42344	1.42344	1.6399	1.92092	2.55014	1
cg03356888	ASNS;ASNS;ASNS	0.248692	0.553747	1.18878	1.18878	0.155703	1.5504	1.5504	0.976046	0.99137	-1.00871	0.626735	1.83073	1.83073	0.402516	1.2806	1.2806		0.541921	0.836745	-1.19511	0.31703	1.34798	1.34798	0.0418792	1.96798	1.96798	0.128949	1.60586	1.60586	1.63989	2.16453	1.17327	1
cg15549126	PRAP1;PRAP1;PRAP1;PRAP1	0.248693	0.388843	0.597284	-1.67436	0.0202026	0.95201	-1.12757	0.288615	0.625377	-1.90197	0.577627	0.720132	-1.38863	0.0204102	0.182468	-5.47753		0.0937057	0.144129	-6.93544	0.141355	0.396	-2.50516	0.0178225	0.0977354	-10.2302	0.0178225	0.0977354	-10.2302	1.63987	8.847	4.79549	1
cg17588400	KIAA1530	0.248697	0.249697	0.729438	-1.37082	0.0480723	0.214397	-4.66425	0.118527	0.31508	-3.17379	0.670784	1.38832	1.38832	0.0162201	0.437565	-2.28537		0.42041	1.570629	-1.75246	0.0785606	0.531648	-1.88094	0.0192062	0.253809	3.93875	0.0178225	0.0977354	-10.2302	1.63986	12.0639	6.53924	1
cg14919562	RAD23B;RAD23B	0.248698	0.80106	0.959321	-1.0424	0.0732624	1.38895	1.38895	0.363557	1.16601	1.16601	0.122912	1.31643	1.31643	0.736752	1.05706	1.05706		0.223336	1.23423	1.23423	0.155693	0.778912	-1.28384	0.769475	1.04952	1.04952	0.115495	1.32504	1.32504	1.63986	0.702671	0.380883	1
cg22227354	RAD21L1	0.248707	0.462546	1.07243	1.07243	0.273357	1.64236	1.64236	0.334557	0.850487	-1.53731	0.787126	0.807778	-1.23841	0.0207778	1.25021	1.25021		0.275168	0.60631	-1.64907	0.0994764	0.945975	-1.05711	0.910988	0.454356	-2.20092	0.143244	2.00032	2.00032	1.63986	4.2346	2.7346	1
cg05803296	ATXN7L1;ATXN7L1	0.2487	0.0847836	0.27488	-3.63795	0.599782	0.143149	1.43149	0.552213	1.50296	1.50296	0.652602	0.665252	-1.50319	0.0157035	0.234127	-4.26754		0.49603	1.626068	-1.59727	0.145899	0.347244	-2.87982	0.0804754	0.273878	-3.65126	0.96445	0.970255	-1.03066	1.63986	11.9214	6.46203	1
cg02277819	PSMG2;CEP76	0.248703	0.0739205	0.133564	1.12318	0.79085	0.143633	1.43633	0.0679346	1.67798	1.46798	0.276445	0.188509	-1.23685	0.0927581	0.972269	-1.02326		0.938707	1.08262	1.08262	0.0110106	0.454548	-2.19984	0.0404985	0.255141	-3.91941	0.631269	1.42344	1.42344	1.6399	1.92092	2.55014	1
cg17682794	GTF2H4	0.248706	0.0808292	0.426301	-2.34576	0.421818	0.691614	-1.44589	0.269386	0.602581	-1.65953	0.0980783	0.449725	-2.22358	0.0494568	0.372589	-2.68393		0.0715094	0.417904	2.3929	0.111079	0.472499	-2.11641	0.643157	0.814273	-1.22809	0.460689	0.718838	-1.39202	1.63983	0.5369	2.7303	1
cg21320199	LRP4P1	0.248708	0.194684	0.41358	2.41853	0.158102	0.680956	-1.46857	0.481403	1.04113	1.04113	0.07393	0.601954	-1.66126	0.0910972	1.60982	1.60982		0.440658	0.889138	-1.1247	0.563498	0.863565	-1.15826	0.570457	1.05492	1.05492	0.844403	1.03	1.03	1.63983	1.68607	0.914222	1
cg09940089	SGK1;SGK1;SGK1;SGK1	0.248708	0.116921	0.378887	-2.63931	0.913092	0.15033	-6.65131	0.15033	0.48407	-2.06693	0.14393	0.493993	0.0519096	0.152638	0.318867	3.13867		0.418923	0.642827	-1.56096	0.376373	0.18741	-5.33741	0.0170452	0.0464444	-1.18141	0.172426	0.287755	2.88755	1.63983	0.24202	4.57069	1
cg17739148	KLF13	0.248709	0.0870481	0.493792	-2.02514	0.963593	0.983099	-1.01719	0.144909	1.79436	1.79436	0.969597	0.10433	1.01433	0.0651874	0.461584	-2.16645		0.285161	0.66063	-1.51371	0.258935	0.644143	-1.55245	0.223953	0.62059	-1.61137	0.653692	0.844814	-1.18369	1.63982	1.62162	1.9632	1
cg06881282	RIPK1	0.248709	0.154566	0.0792711	-12.6202	0.0740525	0.140026	-7.0026	0.0906	0.104092	9.60992	0.226771	0.853765	1.06305	0.0151871	0.15497	-6.45478		0.148175	0.710172	-1.4081	0.0113881	0.738386	-1.3543	0.170554	0.724656	-1.37988	0.467406	0.856895	-1.16417	1.63993	0.290713	0.157563	1
cg13540480	C14orf50	0.248711	0.931376	1.02573	1.02573	0.0307107	1.11413	1.11413	0.0697445	1.81886	1.81886	0.460441	1.24814	1.24814	0.598358	1.16975	1.16975		0.651475	1.14353	1.14353	0.111713	1.66684	1.66684	0.229629	1.45034	1.45034	0.101816	1.69597	1.69597	1.63981	2.2594	1.22475	1
cg24490567	TRIM26	0.248714	0.664499	0.556278	-1.79756	0.787405	1.07992	1.07992	0.474294	0.831353	-1.22931	0.619756	0.868268	-1.15172	0.790105	1.10274	1.10274		0.517475	0.838946	-1.19207	0.0219457	0.728057	2.08351	0.208351	0.801444	1.0398	1.0398	0.982471	1.00444	1.00444	1.63898	2.05798	1.02827	1
cg13035218	TPPP	0.248714	0.659213	1.09825	1.09825	0.0914943	0.981943	-1.01839	0.148746	1.2594	1.2594	0.152053	0.768341	-1.30171	0.188771	1.32751	1.32751		0.861608	0.963824	-1.0373	0.108753	0.8435825	1.1631	0.163209	0.945282	-1.05802	0.0458	0.215458	1.31695	1.31695	1.6398	1.51812	0.627783	1
cg22154024	ASCL1	0.248716	0.0848816	0.59033	2.59033	0.714384	1.20154	1.20154	0.457594	1.45915	1.45915	0.847545	0.908337	-1.10091	0.391279	1.55079	1.55079		0.043755	0.314164	-3.18305	0.280916	0.176827	1.73287	0.73287	1.86066	1.86066	0.702934	1.21094	1.21094	1.6398	6.48011	3.51269	1
cg07551891	MAD1L1;MAD1L1;MAD1L1	0.248717	0.107501	0.376454	-2.65705	0.91406	0.145555	-6.86601	0.133291	0.276152	-3.62134	0.598897	0.398366	-2.51026	0.0158406	0.187504	5.33322		0.150511	0.215247	-4.64614	0.108004	0.170957	-5.85054	0.0477702	0.100512	-9.94907	0.0415849	0.149637	2.29193	1.63864	0.24164	4.6025	1
cg13682437	ONAJB1	0.248722	0.6056077	0.894915	-1.11742	0.413204	0.19524	-3.19524	0.900134	1.02713	1.02713	0.194276	1.34013	1.34013	0.285528	1.26679	1.26679		0.042627	0.607972	-1.64481	0.237679	1.30176	1.30176	0.278384	0.786393	-1.27163	0.657722	1.09973	1.09973	1.63977	1.18042	0.639883	1
cg18447740	OSCAR;OSCAR;OSCAR;OSCAR	0.248723	0.260209	0.515553	-1.94063	0.237013	1.8817	1.8817	0.392579	0.659393	-1.5635	0.145038	0.440958	-2.22243	0.332636	0.600092	-1.6353		0.232438	0.527839	-1.89545	0.0255532	0.258246	-3.87228	0.0790363	0.824202	-1.21329	0.479804	0.69131	-1.44649	1.63974	0.762111	3.66568	1
cg07046047	CHD1;CHD1;CHD1;CHD1;CHD1	0.248723	0.885655	0.882504	-1.13314	0.0390407	0.796445	0.796445	0.0832244	5.2903	5.2903	0.80011	0.802112	-1.24671	0.238855	0.342477	2.9199		0.868235	0.865688	-1.15515	0.55313	0.593833	-1.68398	0.0743769	0.379367	2.63637	0.88302	0.883092	0.979289	0.742877	2.11471	1.63973	19.5958	10.6227	1
cg00879497	VMAC	0.248734	0.389432	0.569795	-1.75502	0.744779	0.811949	-1.2316	0.48269	0.634443	-1.57619	0.215157	0.346956	-2.88221	0.0253382	0.183521	-5.44896		0.096441	0.31223	-3.20277	0.335354	0.530686	-1.88435	0.840641	0.879505	-1.137	0.0752902	0.282802	-3.53604	1.63973	10.5625	5.72586	1
cg20446170	COTL1	0.248765	0.146234	0.351512	2.84485	0.157091	0.135095	7.40192	0.0818792	0.189351	-5.28092	0.0853898	0.10531	9.49722	0.0142626	0.84927	-1.17727	0.0143477	0.124161	1.32525	1.32525	0.131182	0.836186	1.19591	1.19591	1.7972	0.985826	0.534413	1.63972	0.0	0.0	0.0	1
cg14637144	MFI2;MFI2	0.248735	0.784813	1.16859	1.16859	0.0747766	0.05793	0.05793	0.341784	1.74642	1.74642	0.901338	0.931837	-1.07315	0.365483	0.589033	-1.69777		0.136196	1.75849	1.75849	0.593676	0.970936	-1.02993	0.831013	0.335491	-2.98071	0.988294	1.00839	1.00839	1.63972	8.43447	4.56146	1
cg05440341	ZADH2;TSH2L	0.248736	0.373802	0.719241	-1.39041	0.858374	0.116455	-8.58516	0.0835516	0.160511	6.23016	0.600911	0.106874	9.35581	0.0151619	0.13281	-7.52855		0.107044	0.24807	-4.03104	0.0864954	0.0825141	-12.1159	0.0356961	0.102099	-9.79554	0.0409	0.0225143	44.4009	0.0225143	44.4009	0.0225143	1
cg18751306	MESDC1;MESDC1	0.248737	0.355445	1.17135	1.17135	0.259223	0.822144	-1.21633	0.886822	1.02398	1.02398	0.0401103	1.48387	1.48387	0.537967	1.10933	1.10933		0.665661	1.07501	1.07501	0.214019	0.804383	-1.24319	0.203956	1.24991	1.24991	0.383701	0.861899	1.16023	1.63972	0.715825	0.389728	1
cg18188326	CLRN1	0.248738	0.662035	0.864178	-1.15717	0.309538	0.705381	-1.41767	0.0705688	0.511356	-1.95558	0.0304517	0.492123	-2.0316	0.0631041	0.499676	-2.0013		0.721284	1.12624	1.12624	0.650866	0.859671	-1.16324	0.896714	0.958617	-1.04317	0.518854	0.804887	-1.24241	1.63971	2.86055	1.5507	1
cg05792124	TRIM33;TRIM33	0.248739	0.0604178	0.0982437	-10.1788	0.472894	0.435625	-2.29555	0.602168	0.549559	-1.81964	0.453744	0.419511	-2.38373	0.0789952	0.108609	-9.20735		0.351085	0.335417	-2.98136	0.0279261	0.0519949	-19.2326	0.248973	0.253707	-3.94155	0.143698	0.167261	-5.97867	1.6399	0.316489	18.239	1
cg23168339	WDR82	0.248749	0.133151	0.25119	0.25119	0.157222	0.468781	-2.13319	0.397666	0.648075	-1.54303	0.100165	0.46498	-2.46498	0.809632	0.886143	-1.12849		0.278537	1.75826	1.75826	0.364016	1.59553	1.59553	0.521993	1.38407	1.38407	0.279174	0.569202	-1.75685	1.63967	6.51431	3.5315	1
cg18512122	LOC399744	0.248753	0.0935376	0.191161	-5.23093	0.0983933	0.103318	9.6803	0.0552	0.0955	-10.4761	0.405334	0.144261	-6.93154	0.0449958	-2.22243	0.332636	0.600092	-1.6353		0.232438	0.527839	-1.89545	0.0255532	0.258246	-3.87228	0.790363	0.824202	-1.21329	0.479804	0.69131	-1.44649	1.63974	0.762111	3.66568	1
cg06938777	RAB28;TOX4;RAB28;RAB28	0.248755	0.641899	0.900328	-1.11071	0.538947	1.14965	1.14965	0.0118108	2.02354	2.02354	0.262721	1.29924	1.29924	0.354334	0.50805	-1.97		0.842716	1.05099	1.05099	0.631142	1.11455	1.11455	0.224755	0.82793	0.82793	0.0965	1.0965	0.517503	1.1584	1.15848	0.63965	1.30518	0.707566	1
cg27195676	SH2B2	0.248763	0.522518	0.852397	-1.17316	0.818808	1.06054	1.06054	0.299374	1.30347	1.30347	0.887014	0.965575	-1.03565	0.771667	1.07433	1.07433		0.446627	0.826012	-1.21064	0.00950927	2.24674	2.24674	0.705816	1.09795	1.09795	0.760829	1.07613	1.07613	1.63962	1.57673	0.854795	1
cg03392605	TRIP12	0.248765	0.126759	0.232565	4.29965	0.135825	0.0855665	11.6865	0.0507957	0.0907	-11.0214	0.0534377	0.08001	12.5002	0.0134108	0.0818702	-12.2145		0.0958305	0.1081	-9.25069	0.0844	0.0726	13.7722	0.0726	13.7722	0.0726	13.7722	1.63962	0.0	0.0	0.0	0.0	1
cg24345261	TRIM2;TRIM2	0.248767	0.316661	0.2242	2.2242	0.141746	0.38719	0.38719	0.149783	3.29511	3.29511	0.135139	0.3486	0.3486	0.572422	0.643726	1.55345		0.516033	0.66285	1.66285	0.10311	0.362244	0.96244	0.0455506	0.5846	0.5846	0.204184	2.8144	2.8144	1.6396	15.485	8.39498	1
cg17868723	FGF14	0.248769	0.0808284	0.133564	1.12318	0.0708326	0.08222	12.1616	0.0679346	0.0933	-10.7144	0.0534377	0.08

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error)
cg15811753	ACTR2;ACTR2	2.4490l1	0.7683116	0.919484	-1.09834	0.881157	1.56877	1.56877	0.021586	2.39927	2.39927	0.8919847	1.04321	1.04321	0.8176525	1.07602	1.07602	0.531603	0.817927	-1.2225	0.8873926	1.8195	1.8195	0.7693857	1.09775	1.09775	0.6446557	0.863774	-1.15771	1.63869	2.610099	1.4163	1
cg06867065	CLDND2	2.49l0l3	0.7670996	1.1588	1.1588	0.631522	0.7868802	-1.27097	0.564991	1.33465	1.33465	0.567117	0.750467	-1.3325	0.9595125	0.974888	-1.02576	0.812141	1.12541	1.12541	0.0229462	1.85785	1.85785	0.338271	1.63206	1.63206	0.0498393	1.03467	3.03467	1.63868	6.390884	3.46665	1
cg08027110	PTGES3	2.49l02	0.3203l92	1.40457	1.40457	0.2250l67	0.655983	-1.52443	0.206947	1.55333	1.55333	0.0584626	0.22876	2.02876	0.738644	1.11717	1.11717	0.642131	1.16749	1.16749	0.0481509	2.1113	2.1113	0.772123	0.908388	-1.10085	0.893709	1.04523	1.04523	1.63866	2.84153	1.54139	1
cg04488839	C1orf102	2.49l021	0.8795504	1.07625	1.07625	0.0480656	2.989	2.989	0.32729	1.63238	1.63238	0.1625127	0.485523	-2.05964	0.165848	0.488647	-2.04647	0.413477	0.66567	-1.50226	0.6235775	1.26804	1.26804	0.4846227	1.4108	1.4108	0.5028844	0.719295	-1.39025	1.63865	6.09442	3.30193	1
cg02850371	FAM36A	2.49l038	0.3515l49	1.29026	1.29026	0.401686	1.25628	1.25628	0.326051	1.30935	1.30935	0.793331	0.932588	-1.07228	0.190719	1.44527	1.44527	0.49869	1.20029	1.20029	0.0503355	1.55266	-1.80941	0.791243	1.07306	1.07306	0.0939297	1.63406	1.63406	1.63859	1.83362	0.994689	1
cg09121126	IGF2;INS-IGF2;INS-IGF2	2.49l046	0.3560l85	0.6713l07	-1.48963	0.0488812	2.5779	-1.5779	0.659076	0.829931	-1.20492	0.501432	0.750913	-1.33171	0.959132	1.02175	1.02175	0.477463	0.738411	-1.35426	0.1312l06	1.98217	1.98217	0.133326	0.506683	-1.97362	0.8393119	0.918292	-1.08898	1.63856	4.57455	2.48161	1
cg20640749	GLP1R	2.49l047	0.6416l77	1.06503	1.06503	0.261588	0.854367	-1.17046	0.436863	0.898855	-1.11253	0.836114	1.02824	1.02824	0.533286	1.08853	1.08853	0.449255	0.901527	-1.10923	0.0439296	1.36519	1.36519	0.10055	0.785177	-1.2736	0.383943	0.8869	-1.12752	1.63855	0.46906	0.254458	1
cg14580206	C9orf167	2.49l049	0.6241l36	0.838997	-1.1919	0.5110278	1.0704	-1.2635	0.475139	1.29454	1.29454	0.1812l92	0.603826	-1.65701	0.986064	1.00624	1.00624	0.917054	1.03772	1.03772	0.0919395	0.3655l16	-2.7396	0.905488	1.45816	1.45816	0.487	1.28536	1.28536	1.63855	3.2791	1.77886	1
cg08657420	IKBKE	2.49l051	0.2279l94	0.626081	-1.59724	0.14227	1.79179	1.79179	0.326128	1.64574	1.64574	0.544463	0.797087	-1.25457	0.112623	0.528071	-1.89368	0.773478	1.1216	1.1216	0.0659668	0.466427	-2.14396	0.790012	0.906037	-1.10371	1.63854	3.54715	1.92428	1
cg11587191	ARHGEF16	2.49l052	0.545374	0.87542	-1.14231	0.78149	0.94134	-1.06232	0.914401	1.02365	1.02365	0.78593	1.06097	1.06097	0.585467	1.1272	1.1272	0.00931872	2.04841	2.04841	0.769567	1.06594	1.06594	0.365834	1.22383	1.22383	0.0485566	0.845441	-1.18281	1.63854	1.22653	0.665378	1
cg13134962	ZNF648	2.49l053	0.0972639	1.13189	1.1783	0.0990567	1.64703	1.64703	0.126779	1.62874	1.62874	0.880448	1.15399	1.15399	0.441478	1.13074	1.13074	0.340845	0.906496	1.14185	0.7907214	0.911214	-1.09744	0.195006	0.956586	-1.04552	0.80752	1.11396	1.11396	1.63853	3.47084	1.8829	1
cg27572598	ZNF267	2.49l055	0.8156l89	1.06249	1.06249	0.772819	0.927609	-1.07804	0.754412	0.921764	-1.08488	0.679165	0.897654	-1.11401	0.0802166	0.604209	-1.65506	0.915617	0.972861	-1.0279	0.5606028	0.560854	-1.78299	0.0768175	0.66673	-1.50023	0.9268841	0.976453	-1.02411	1.63849	1.74884	0.948757	1
cg08608589	MYL6B	2.49l058	0.6165l31	0.870843	-1.14819	0.190979	0.684649	-1.4626	0.111372	0.622036	-1.60719	0.128571	1.56742	1.56742	0.24729	1.39233	1.39233	0.514846	0.834682	-1.19805	0.538754	0.845424	-1.18564	0.4199l48	0.80614	-1.24048	0.2023001	1.44453	1.44453	1.63848	1.94263	1.05389	1
cg02003612	TMEM144	2.49l069	0.888487	1.04355	1.04355	0.0886886	1.76933	1.76933	0.249689	1.693822	1.693822	1.44129	0.196347	1.30202	1.30202	0.0479212	0.503014	1.98802	0.327367	1.35963	1.35963	0.837945	1.0642	1.0642	0.484041	0.805659	-1.24122	0.848592	1.05979	1.05979	0.16847	2.39582	1.29976	1
cg19104836	ZCCHC2	2.49l069	0.4191l98	0.817901	-1.22264	0.918023	1.02511	1.02511	0.570333	1.14991	1.14991	0.701371	0.911144	-1.09752	0.937401	1.06699	1.06699	0.45376	0.830396	-1.20424	0.0133272	2.11001	2.11001	0.295005	1.30276	1.30276	0.346741	1.26613	1.26613	1.63847	1.53906	0.83496	1
cg01663433	TCEB1G	2.49l07l	0.0786l75	0.862252	-1.15955	0.0458447	1.29577	-1.29577	0.533883	1.38784	1.38784	0.659034	0.793833	-1.25973	0.217125	0.553125	1.81283	0.774955	0.907253	-1.10234	0.3570113	1.12755	1.12755	0.676398	0.887206	-1.12677	0.2952644	1.38868	1.38868	1.63846	2.70512	1.80584	1
cg10095654	EHMT2;SLC44A4;EHMT2	2.49l079	0.0921099	0.397632	-2.51489	0.0616502	0.350993	-2.84906	0.142422	0.456443	-2.19085	0.574564	0.754193	-1.32592	0.0778965	0.37739	-2.64978	0.0969091	0.404006	-2.47521	0.107369	0.41723	-2.39676	0.435073	0.672928	-1.48604	0.413953	0.660074	-1.51498	1.63844	6.4199	3.48294	1
cg24521747	TSC22D1;TSC22D1	2.49l08	0.4407l40	0.8636l67	-1.15935	0.309229	1.2132	1.2132	0.479629	1.14083	1.14083	0.364035	0.842807	-1.18651	0.921538	1.01823	1.01823	0.430912	1.1588	1.1588	0.902598	0.822166	-1.2163	0.263546	0.807601	-1.23823	0.0322958	1.58343	1.58343	1.63843	0.872245	0.473214	1
cg03593595	TMEM108;TMEM108	2.49l081	0.921412	1.01921	1.01923	0.258984	0.796696	-1.25518	0.279138	0.804899	-1.24239	0.517013	0.880902	-1.13517	0.0397654S	0.532256	1.87879	0.538961	1.12755	1.12755	0.0931704	0.907241	1.02275	1.02275	0.795664	0.917537	-1.08987	1.63843	0.96479	0.52434	1
cg13688186	AC16	2.49l083	0.61608	1.65653	1.65653	0.83905	1.225l2	1.225l2	0.697388	0.676973	-1.47716	0.0180224	0.0567779	-17.6125	0.374586	2.48404	2.48404	0.482011	2.041	2.041	0.558225	1.80604	1.80604	0.236276	0.289674	-3.45215	0.459321	2.12168	2.12168	1.63842	25.8645	14.0322	1
cg18759743	ARHGEF10L;ARHGEF10L	2.49l093	0.7660l49	1.1783	1.1783	0.0990567	1.64703	1.64703	0.126779	1.62874	1.62874	0.880448	1.15399	1.15399	0.441478	1.13074	1.13074	0.340845	0.906496	1.14185	0.7907214	0.911214	-1.09744	0.195006	0.956586	-1.04552	0.80752	1.11396	1.11396	1.63853	3.47084	1.8829	1
cg27388345	NUP188;DOLK;DOLK	2.49l094	0.6351l11	1.09896	1.09896	0.0800726	1.46714	1.46714	0.0263407	1.68194	1.68194	0.477451	0.867123	-1.15324	0.0206848	0.769655	1.79365	0.584673	1.1551	1.1551	0.634381	1.09918	1.09918	0.389153	0.809651	-1.2351	0.659295	0.916147	-1.09153	1.63838	1.03099	0.548507	1
cg25983157	C21orf34;YWHAH	2.49l096	0.0523l82	0.7988l63	-1.25156	0.0794328	0.795919	-1.25618	0.573313	0.830157	-1.20513	0.655061	0.93740	-1.06668	0.0545959	1.07825	1.07825	0.756504	1.01688	1.01688	0.9388	0.926459	-1.07926	0.812695	0.833948	-1.19912	0.4094153	0.928264	-1.07728	1.63822	0.94205	0.228161	1
cg04225347	PSMD13;SIRT3;PSMD13;SIRT3	2.49l097	0.0963787	0.792548	-1.26175	0.14077	1.22357	1.22357	0.977277	1.00363	1.00363	0.308195	0.874303	-1.14377	0.419521	0.900285	1.11076	0.953751	1.092641	-1.00741	0.0356314	0.732378	-1.36542	0.652606	0.943925	-1.05941	0.929413	1.01135	1.01135	1.63837	0.42087	0.228341	1
cg13601496	ADAMTS5	2.49l097	0.3662l51	0.921292	-1.08543	0.811753	0.974149	-1.02129	0.107215	0.856179	-1.16790	0.230611	1.11747	1.11747	0.417482	1.07573	1.07573	0.172373	0.876164	-1.13686	0.217581	0.891761	-1.12138	0.712945	0.967893	-1.03317	0.0652617	0.832961	-1.20054	1.63837	0.202181	0.109801	1
cg07444931	TEPP;TEPP	2.49l06	0.020062	66.9105	66.9105	0.850423	1.2609	1.2609	0.935093	0.886116	-1.12852	0.783264	0.661574	-1.51155	0.8837	0.798508	-1.25234	0.609609	0.559384	-1.78768	0.683238	0.540803	-1.8491	0.9030l5	1.20039	1.20039	0.04028	28.8558	28.8558	1.63834	58.2505	31.6042	1
cg05152300	XYLT1	2.49l08	0.6298l3	0.774453	-1.29123	0.0567216	3.11222	3.11222	0.18862	2.08183	2.08183	0.46683	0.677204	-1.47666	0.0685636	0.341895	-2.92487	0.444897	1.50677	1.50677	0.951308	0.968364	-1.03267	0.612603	0.764296	-1.30839	0.79727	0.87327	-1.14512	1.63833	7.1904	3.90122	1
cg09866533	TFAP2A	2.49l08	0.8118l84	1.08821	1.08821	0.963023	0.978118	-1.0363	0.513854	1.10411	1.10411	0.845871	1.02693	1.02693	0.761313	1.04269	1.04269	0.260909	0.838262	-1.19244	0.282661	1.2163	1.2163	0.263546	0.807601	-1.23823	0.0322958	1.58343	1.58343	1.63843	0.872245	0.473214	1
cg07162210	JARID2	2.49l11	0.495186	0.826501	-1.20992	0.428279	0.870586	-1.24919	0.476164	1.22058	1.22058	0.517033	0.834653	-1.1981	0.0322503	0.582027	-1.98955	0.128424	0.636271	-1.57166	0.563491	1.17431	1.17431	0.143721	1.2458	1.2458	0.160669	0.662135	-1.51027	1.63832	1.9641	1.06565	1
cg16144447	C1orf216;C1orf216	2.49l115	0.399993	0.797386	-1.2541	0.0574642	1.75885	1.75885	0.104027	1.59536	1.59536	0.623028	0.877915	-1.13906	0.753864	1.08617	1.08617	0.465316	1.21564	1.21564	0.268453	0.738666	-1.35379	0.981247	0.993842	-1.0062	0.131806	1.5334	1.5334	1.6383	1.79198	0.972269	1
cg03581113	SPIA4	2.49l125	0.78756	1.1351	1.1351	0.0893413	1.14453	1.14453	0.15053	1.54747	1.54747	0.114739	0.807955	-1.23798	0.377657	1.12225	1.12225	0.802512	1.12454	1.12454	0.253005	0.882124	1.2668	1.2668	0.0939082	1.29434	1.29434	0.253005	0.882124	-1.18625	0.639302	0.993403	1.63831	0.553188	0.28821	1
cg18703903	ZNF615	2.49l125	0.594436	1.18144	1.18144	0.39627	1.30936	1.30936	0.479351	1.24997	1.24997	0.524899	0.820292	-1.21913	0.0889701	0.558753	-1.7897	0.140364	1.63584	1.63584	0.087308	0.556697	-1.79601	0.592507	1.31201	1.31201	0.698751	1.12825	1.12825	1.63826	2.4979	1.35531	1
cg18569141	SEMA4B	2.49l126	0.3626l87	1.08396	1.08396	0.0434215	1.32485	1.32485	0.0178357	1.76387	1.76387	0.0178357	0.742481	-1.34707	0.0139607	0.565576	-1.76858	0.582524	1.2844	1.2844	0.0158249	0.808015	-1.2376	0.0158249	0.808015	-1.2376	0.0158249	0.808015	-1.2376	1.63824	0.28415	0.178447	1
cg25044306	PSD	2.49l126	0.749167	0.834973	-1.19764	0.269638	1.90846	1.90846	0.24524	1.98048	1.98048	0.175831	2.2462	2.2462	0.991598	0.9940097	1.00594	0.27571	1.89176	1.89176	0.0855796	2.91064	2.91064	0.0445871	3.65681	3.65681	0.0833782	2.93748	2.93748	1.63826	6.20138	4.44992	1
cg21310636	APOBEC3C	2.49l127	0.298602	1.25442	1.25442	0.165021	1.3656	1.3656	0.476794	1.16439	1.16439	0.454894	1.17541	1.17541	0.0209846	1.79365	1.79365	0.327818	0.808554	-1.23678	0.202857	1.32197	1.32197	0.853388	0.961828	-1.03969	0.862739	0.964248	-1.03708	1.63826	1.14848	0.623143	1
cg26211346	FLJ32065	2.49l131	0.725793	1.0l9l03	1.0l9l03	0.779919	0.779919	-1.28218	0.573313	0.830157	-1.20513	0.655061	0.93740	-1.06668	0.0545959	1.07825	1.07825	0.756504	1.01688	1.01688	0.9388	0.926459	-1.07926	0.812695	0.833948	-1.19912	0.4094153	0.928264	-1.07728	1.63822	0.94205	0.228161	1
cg26942187	GFOD1	2.49l132	0.3653l83	2.13708	2.13708	0.671458	1.41678	1.41678	0.941591	0.941918	-1.06166	0.616731	1.50991	1.50991	0.618001	1.50763	1.50763	0.615562	1.51201	1.51201	0.012023	12.9087	12.9087	0.0792313	4.90932	4.90932	0.210632	2.93622	2.93622	1.63824	17.3009	9.38726	1
cg06360514	VPS51;VPS53	2.49l132	0.3278	1.2l8l62	1.2l8l62	0.3391	1.48282	0.791693	0.835054	-1.06946	0.807085	0.858061	-1.16502	0.0197249	0.731846	1.4015	1.4015	0.846902	1.58568	1.58568	0.0105037	3.87028	3.87028	0.0273847	1.4015	1.4015	0.0105037	3.87028	3.87028	1.63823	2.13179	1.23179	1
cg18772668	SMAD5;SMAD5	2.49l135	0.1158l52	0.704161	-1.42013	0.1863383	1.33287	1.33287	0.23381	1.29196	1.29196	0.592865	0.895149	-1.11713	0.546196	1.13553	1.13553	0.448382	1.58863	1.58863	0.449587	1.17131	1.17131	0.599906	0.897072	-1.11474	0.573139	1.12394	1.12394	1.63823	1.09273	0.592908	1
cg03888592	HDAC7;HDAC7	2.49l144	0.5549l98	0.878428	-1.1384	0.135266	0.705021	-1.4184	0.151326	0.756205	-1.39625	0.283374	0.785079	-1.27376	0.0376504	0.592457	-1.68789	0.78374	1.06154	1.06154	0.215704	0.753613	-1.32694	0.983179	0.995434	-1.00459	0.0640286	0.636443	-1.57123	1.63819	1.22281	0.6635	1
cg20800642	CSPG5	2.49l145	0.9377l58	1.02l83	1.02l83	0.907647	1.15312	1.15312	0.399591	0.869135	-1.15054	0.0866946	0.807085	0.858061	-1.16502	0.0197249	0.731846	1.4015	1.4015	1.4015	0.0105037	3.87028	3.87028	0.0273847	1.4015	1.4015	0.0105037	3.87028	3.87028	1.63819	2.13179	1.23179	1
cg20735442	PXT1	2.49l154	0.608181	0.925053	-1.08102	0.42366	1.13101	1.13101	0.515488	1.10445	1.10445	0.761107	1.04701	1.04701	0.00686815	1.69442	1.69442	0.969608	0.994294	-1.00574	0.873078	0.977194	-1.02334	0.871497	1.02469	1.02469	0.677527	1.06503	1.06503	1.63815	0.58888	0.319536	1
cg09838042	TGFBR3;TGFBR3	2.49l156	0.727089	1.0l4l99	1.0l4l99	0.7l4l46	1.44146	1.44146	0.0944193	1.50889	1.50889	0.662529	0.709789	-1.40852	0.0472199	0.662529	1.50889	0.998317	1.00172	1.00172	0.972117	1.02956	1.02956	0.887202	1.00037	1.00037	0.972117	1.02956	1.02956	1.63815

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T 537 vs. N)	Fold-Change(527T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20448053	SLC25A35;RANGRF		0.249489		0.708397		0.978131		0.824954		1.05054		1.05054		0.345166		1.24161		1.24161		0.700873		0.910964		1.0897		0.221924		1.33075		1.33075		0.438586		1.09226		1.19226		0.0308122		0.568648		1.75856		0.681524		1.0962		1.0962		0.139826		1.4242		1.4242		1.6369		1.28439		0.697461	1
cg09631043	TACC2;TACC2		0.249489		0.842696		0.958516		1.04328		0.2707139		1.27701		1.27701		0.407611		0.834744		-1.19797		0.458755		0.8514		-1.17454		0.973655		1.00707		1.00707		0.674334		0.91382		-1.09431		0.014395		0.5255771		-1.09267		0.150656		0.7200818		-1.38885		0.808667		0.9409584		-1.05309		1.6369		1.17886		0.640156	1
cg09518969	PLA2G16;PLA2G16		0.249498		0.892359		1.0966		1.0966		0.958102		0.964852		-1.03643		0.187728		0.386427		-2.58781		0.916103		2.56398		2.56398		0.480334		0.613472		-1.63007		0.2789775		0.925237		-1.0808		0.8998364		1.00734		1.00734		0.00771479		5.7291		5.7291		0.887361		1.07495		1.61685		6.74199		3.66122	1
cg08889945	SGSM1;SGSM1;SGSM1;SGSM1		0.249502		0.960697		1.02545		1.02545		0.592655		0.759277		-1.31705		0.47963		0.693175		-1.44264		0.754981		0.8524466		-1.1731		0.989522		1.00671		1.00672		0.0183966		0.8987		-1.11425		0.159338		0.627599		0.762102		1.20538		1.20538		0.648997		0.754328		1.32568		0.63683		9.81273		5.32885	1
cg15367082	TUBA1A		0.249509		0.743662		1.06003		1.06003		0.0460926		0.666249		-1.50094		0.993867		0.998635		-1.00137		0.522018		1.12221		1.12221		0.0640795		1.44734		1.44734		0.464121		0.876001		-1.14555		0.617881		0.914506		-1.09349		0.97920		0.995399		-1.00462		0.228834		1.25155		1.25155		0.63683		0.818372		0.444422	1
cg24270083	SNTG2		0.249515		0.588103		0.895488		-1.11671		0.0584555		1.53973		1.53973		0.986008		0.996466		-1.00355		0.286918		1.25011		1.25011		0.787635		0.946952		-1.05602		0.368265		0.828809		-1.2051		0.0787306		1.48313		1.48313		0.246538		0.782996		-1.27715		0.582019		0.893842		-1.11877		1.63681		1.05644		0.573715	1
cg24686187	NELL2;NELL2;NELL2;NELL2;NELL2		0.249517		0.0526702		0.915594		-1.56903		0.595167		1.42417		1.42417		0.134477		0.0815367		-1.81876		0.172675		0.4617295		-2.16796		0.0554473		0.322958		-3.09628		0.998267		0.999264		1.00074		0.354286		0.607559		-1.64593		0.483025		0.688492		-1.45245		0.0905133		0.376648		2.655		1.6368		7.10623		3.85916	1
cg00090767	MAX;MAX;MAX;MAX;MAX;MAX		0.24952		0.238038		0.784263		1.57508		0.631599		1.03931		1.03931		0.0885108		0.178743		1.79843		0.0401511		0.100158		0.0115748		0.834738		-1.84954		0.117288		0.408575		1.1808		1.1808		0.530797		1.13297		1.13297		0.519219		0.879436		-1.13709		0.442004		0.84201		1.1837		1.1837		0.73672		0.0022		0.544263	1
cg01808912	MYBBP1A;MYBBP1A		0.249521		0.408505		1.11106		1.11106		0.997077		1.00046		1.00046		0.370055		1.1215		1.1215		0.673712		0.948611		-1.05417		0.181775		1.19312		1.19312		0.200743		0.845063		-1.18334		0.0208992		1.41377		1.41377		0.446189		1.10156		1.10156		0.796259		1.03276		1.03276		1.63678		0.402286		0.21847	1
cg01042268	ONECUT;VPS35;VPS35		0.249524		0.100863		0.83355		-1.19972		0.364292		0.977294		1.02307		0.0216537		0.0934855		1.07132		-1.22457		0.1494		-1.42492		0.0240807		0.1352		-2.39255		0.0451388		0.0501357		0.0450153		0.2804		-2.67334		0.62565		1.38043		1.28247		0.412867		1.36043		1.63677		3.50407		1.90297	1
cg01794245	KIAA1688		0.249527		0.289701		0.7154		-1.39782		0.0188389		0.420167		-2.38001		0.997522		1.00095		1.00095		0.316226		0.729212		-1.37134		0.960808		0.985136		-1.01509		0.605835		0.853303		-1.17192		0.657195		1.14582		1.14582		0.97241		1.0106		1.0106		0.0607928		0.525105		1.90438		1.63676		2.40767		1.30755	1
cg00716922	CREBBP;CREBBP		0.249529		0.224294		1.14566		1.44566		0.0543955		1.31187		1.81187		0.0182557		0.218184		0.517607		1.99558		1.99558		0.96296		0.678434		-1.01275		0.626068		1.14172		1.14172		0.795441		0.931676		-1.07312		0.994276		1.2682		1.2682		0.939296		1.26752		1.26752		1.63675		1.93206		1.64984	1
cg01095080	UPF1		0.24953		0.52329		1.928878		-1.07657		0.0548955		0.950276		-1.05233		0.663117		0.71045		1.0516		1.3604249		0.8988316		-1.11319		0.193699		0.854835		-1.16982		0.80843		0.972677		-1.02809		0.0576456		1.27741		1.27741		0.152969		0.839828		-1.19072		0.188952		1.17252		1.17252		1.63675		0.337194		0.183124	1
cg01166827	SNORD80		0.249531		0.194969		0.707117		-1.41419		0.645334		1.21736		1.21736		0.760788		1.07798		1.07798		0.147606		1.48108		1.48108		0.424826		0.814559		-1.22766		0.455897		0.825324		-1.21165		0.304401		1.30851		1.53204		1.47206		1.47206		0.123526		0.65591		-1.5246		1.63674		1.65668		0.899715	1
cg23752348	RNF39;RNF39		0.249533		0.135349		0.624863		-1.60004		0.19256		0.33556		0.153025		0.0121331		0.0121331		-2.98473		0.0407706		0.0107767		-2.53288		0.0197112		0.0109048		-2.98473		0.0407706		0.0107767		0.0107767		0.0107767

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg15041487	WDR45		0.2249803		0.0358893		0.1031848		-8.81857		0.1132072		0.1745437		-5.72913		0.7917193		0.7552229		-1.32762		0.1782395		0.62438		0.62438		0.8837786		1.16954		1.16954		0.0683497		0.11247		-8.89127		0.7177722		0.677928		-1.47508		0.9903113		1.01308		1.01308		0.8779135		1.17888		1.17888		1.63539		29.6944		16.1099		1
cg05121850	TRAPPC9;TRAPPC9		0.2249803		0.949341		1.0178		1.0178		1.027161		1.64168		1.64168		0.6147268		0.0173931		2.233488		2.234888		0.548908		1.58344		1.58344		0.3054105		1.342609		1.34269		0.0904549		1.67876		1.678676		0.4576336		1.23373		1.23373		0.921385		0.9729559		-1.02779		0.5406883		1.18767		1.18767		1.63539		1.99746		1.08568		1
cg17865555	SPHK2		0.2249896		0.6504944		1.34975		1.34975		0.1775222		2.565588		2.565588		0.0808981		3.57044		3.57044		0.213985		2.364114		2.364114		0.6530332		0.742631		-1.34656		0.1259886		2.97024		2.97024		0.6660256		0.7516537		-1.33043		0.0869135		3.46649		3.46649		0.1077799		3.17053		3.17053		1.63538		11.1986		6.08687		1
cg09888137	SUFU;ACTR1A		0.2249898		0.4577954		0.8535916		-1.17162		0.6769202		1.091757		1.091757		0.1245934		1.41668		1.41668		0.9216911		0.9796612		-1.02081		0.0515189		0.628554		-1.59094		0.8986282		1.02706		1.02706		0.0619007		0.6437611		-1.55337		0.929322		1.08743		1.01876		0.9481844		1.01371		1.01371		1.63537		1.13664		0.6178008		1
cg16448684	FAM58B		0.2249903		0.0700416		0.2168693		-4.61056		0.7190077		0.764176		-1.3133		0.47632		0.72715		1.72715		0.144136		0.306068		-3.26725		0.0742403		0.2229918		-4.48595		0.7664997		0.798575		1.24672		0.2852272		-3.50543		0.197748		3.557984		-2.79342		1.63536		14.7465		8.01539		1
cg05928650	ITGA2		0.2249951		0.1205931		1.445647		1.445647		0.8332462		0.955452		-1.04663		0.0887097		0.6673382		-1.49839		0.402524		1.20345		1.20345		0.9955097		0.998808		-1.00119		0.9113375		0.976219		-1.02436		0.7217209		1.07975		1.07975		0.6549487		1.60077		1.60077		0.3224661		1.24724		1.24724		1.63533		1.21020		0.6578555		1
cg02464093	DCBLD2		0.2249915		0.0690097		1.92565		1.92565		0.465276		1.27038		1.27038		0.6211355		0.8518577		-1.17391		0.905197		0.962358		-1.03911		0.1163461		1.67672		1.67672		0.0260061		2.34167		2.34167		0.9966885		0.9986663		-1.00134		0.9734311		1.01078		1.01078		0.805921		0.9233787		-1.0825		1.65331		2.68599		1.46		1
cg07924013	ZNF598		0.2249916		0.717119		1.06096		1.36096		0.0314806		8.47224		8.47224		0.0504666		6.60782		6.60782		0.906278		0.905013		-1.10455		0.2214252		0.940154		-2.91992		0.844346		1.1823		1.1823		0.9427894		1.07874		1.07874		0.6149101		1.08477		1.08477		1.63531		18.5814		10.1001		1
cg13390444	ASPH02		0.2249918		0.481668		0.8592239		1.163381		0.56063		1.132295		1.132295		0.829573		1.06479		1.06479		0.3135512		0.836575		-1.22448		0.1686486		0.732612		-1.36498		0.310504		0.686786		-1.45606		0.2254044		1.31009		1.31009		0.1271457		1.41903		1.41903		0.3325202		1.23625		1.23625		1.63553		1.16559		0.6335753		1
cg18569381	ARHGEF19;ARHGEF19		0.2249919		0.0672807		0.4665588		-2.14322		0.5111565		1.28082		1.28082		0.982966		1.00797		1.00797		0.835225		0.92549		-1.08051		0.0665421		0.4653397		-2.1487		0.5706111		0.808094		-1.23748		0.427034		0.7397166		-1.35187		0.0382598		0.4095548		-2.44171		0.6718353		0.853507		-1.17164		1.6353		3.57941		1.94564		1
cg10188908	TOLLIP		0.2249921		0.640049		0.8327915		1.2048		0.3046		0.4939		-2.0218		0.133305		0.53302		-1.8761		0.231246		0.62889		-1.59		0.636791		0.8735		-1.14509		0.5289		0.7665		1.30475		0.3545		-2.82		0.1114648		1.16124		1.16124		0.4869312		1.37928		1.37928		0.5539		1.44313		0.7333353		1.14209		1.14209		1.63529		3.90973		2.1252		1
cg12334013	EEPD1		0.2249928		0.237354		0.4636897		-2.26887		0.9956025		1.003667		0.763767		1.22447		1.22447		0.2401044		0.439123		-2.2768		0.378321		0.5462274		-1.83058		0.3122224		0.496942		-2.01231		0.0260009		0.1548351		-6.45849		0.0892194		0.2854458		-3.50314		0.2057122		0.40943		-2.44242		1.63526		11.5887		6.29932		1
cg22700146	CACNG1		0.2249932		0.0491391		0.3189051		-2.57036		0.2340561		0.919325		1.2894		0.0785972		0.4396217		-2.27471		0.893484		0.945243		-1.05793		0.0376085		0.3638024		-2.75407		0.1844253		0.3994		-2.50373		0.1459559		0.7782356		-1.28496		0.1539		-6.49		0.0429892		0.2854458		-3.50314		0.2057122		0.40943		-2.44242		1.63526		11.5887		6.29932		1
cg10958086	ABR;ABR;ABR		0.2249933		0.3139647		0.6870844		-1.45436		0.0767732		2.02927		2.02927		0.4438652		1.31169		1.31169		0.216666		1.59586		1.59586		0.3248853		0.680648		-1.03457		0.5518014		1.24167		1.24167		0.1652623		1.78296		1.78296		0.1088006		1.87543		1.87543		0.3146033		0.6880447		-1.45359		0.1635254		1.63535		1.34805		1.81994		1
cg01425291	TRIM46		0.2249933		0.3679977		0.10648		0.10648		0.3665		1.58525		1.58525		0.964055		1.0084		1.0084		0.213125		1.26129		1.26129		0.6393125		1.09162		1.09162		0.1398257		0.1683638		-3.4116		0.0967258		0.5958224		-1.67844		0.1733		-6.0		0.0426002		0.2854458		-3.50314		0.2057122		0.40943		-2.44242		1.63526		11.5887		6.29932		1
cg09951375	TSC1		0.2249934		0.1902211		0.167801		-5.95625		0.4113351		0.139841		-2.94255		0.622171		0.527284		-1.89457		0.353768		0.239118		-3.4116		0.0967258		0.5958224		-1.67844		0.1733		-6.0		0.0730911		0.419544		-2.38354		0.0317039		0.33478		-2.98704		0.0665514		0.409028		-2.44482		0.4610555		0.7217447		-1.38553		1.63522		4.88473		2.95814		1
cg08060812	CCDC12		0.2249938		0.372756		0.67192		-1.48827		0.4441178		0.712509		-1.40349		0.67386		0.831994		-1.20193		0.241606		0.587074		-1.70336		0.139147		0.5007311		-1.99708																														
cg17895377	TNNC1;NSCN		0.2249943		0.80931		0.8906518		-1.12277		0.0559733		2.82059		2.82059		0.0159467		4.11025		4.11025		0.677585		1.22172		1.22172		0.254858		0.143993		1.43993		0.84481		1.09841		1.09841		0.464061		0.8657344		-1.15509		0.357799		0.57293		1.57293		0.628119		1.26337		1.26337		1.63521		5.94117		3.22959		1
	FAM108B1;FAM108B1;C9orf85;C9orf8																		

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2 vs. N)	Fold-Change(2 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg26408382	LMNA;LMNA;LMNA	0.250333	0.747663	0.940245	1.05831	0.0385062	1.52162	1.52162	0.115918	1.34382	1.34382	0.680167	0.929398	-1.07528	0.606899	1.09513	1.09513	0.575093	1.10426	1.10426	0.09335	1.45172	1.45172	0.69535	0.919756	-1.08725	0.77777	0.951647	-1.05081	1.63376	0.793359	0.431648	1
cg16117789	FLI40434	0.250335	0.841807	1.04667	1.04667	0.197532	1.3647	1.3647	0.231238	0.750776	-1.33196	0.211985	1.35001	1.35001	0.390865	1.22224	1.22224	0.816078	1.05462	1.05462	0.0530874	1.65152	1.65152	0.15926	0.709373	-1.4097	0.816804	1.0544	1.63375	1.34823	0.733546	1
cg07614910	ITGB1BP1;CPSF3;ITGB1BP1	0.250338	0.639441	1.094	1.094	0.490502	1.14265	1.14265	0.499064	1.13957	1.13957	0.438034	1.16255	1.16255	0.59892	1.10633	1.10633	0.0974018	0.707285	-1.41386	0.237166	1.26592	1.26592	0.0554071	1.51196	1.51196	0.103653	1.40333	1.40333	1.63374	0.937981	0.51034	1
cg25601136	NBPF3	0.250344	0.401986	0.801317	-1.24795	0.738101	1.09052	1.09052	0.0370755	1.86851	1.86851	0.160178	0.978762	-1.47327	0.851437	1.04961	1.04961	0.784388	1.07339	1.07339	0.634324	0.8836311	-1.13172	0.189042	1.42324	1.42324	0.212568	1.40359	1.40359	1.63371	1.72541	0.93878	1
cg25461905	C1orf49;C1orf49;C1orf49;C1orf49	0.25035	0.421855	0.858141	-1.16531	0.594892	1.10525	1.10525	0.120496	0.730511	-1.3689	0.887011	1.02686	1.02686	0.258629	0.800296	-1.24954	0.339766	0.83239	-1.20136	0.0133779	1.59539	1.59539	0.56287	0.943604	-1.05977	0.759448	0.944432	-1.05894	1.63369	0.899556	0.489448	1
cg06982628	MAFF;MAFF;MAFF;MAFF	0.250345	0.70426	0.925243	-1.0808	0.239665	0.778331	-1.28513	0.0600423	1.51363	1.51363	0.917025	1.01623	1.01623	0.81567	1.04873	1.04873	0.2578593	1.27196	-1.27196	0.208298	0.763165	-1.31033	0.42188	0.846064	-1.18194	0.114094	0.704544	-1.41936	1.63368	1.07407	0.584403	1
cg10876628	FCHSD2	0.250356	0.84698	1.0481	1.0481	0.0444465	0.570474	-1.75293	0.0997771	0.644922	-1.55058	0.388656	0.806668	-1.23967	0.663955	1.11216	1.11216	0.444474	0.827319	-1.20872	0.135936	1.47808	1.47808	0.92254	1.02393	1.02393	0.432657	0.823063	-1.21497	1.63367	1.53001	0.832488	1
cg11214194	SLC6A18	0.250357	0.239467	1.29546	1.25646	0.147051	0.941886	-1.06172	0.865946	1.1744	1.1744	1.2884	0.288673	0.853722	-1.22591	0.567317	1.11911	1.11911	0.0546024	0.667579	-1.49795	0.964938	0.991988	-1.00818	0.159463	1.32131	1.32131	0.238299	0.795394	-1.25724	1.63367	0.888707	0.483552	1
cg01850117	CHRNA5	0.25036	0.470572	1.1723	1.1723	0.96099	0.991807	-1.00826	0.282471	1.07363	1.07363	0.625467	0.726206	1.37743	0.0263	1.37743	1.37743	0.382926	0.993576	-1.00464	0.0290551	0.572825	-1.74573	0.860829	0.962709	-1.03874	0.160571	0.722806	-1.3835	1.63366	1.21348	0.660268	1
cg00940433	NRSA2;NRSA2	0.25036	0.582644	0.94702	-1.05594	0.4603571	1.07651	1.07651	0.426498	1.0829	1.0829	0.0554051	0.808181	-1.23735	0.0646616	0.81583	-1.22575	0.668394	1.04317	1.04317	0.881047	0.98542	-1.0148	0.339111	1.10147	1.10147	0.286533	0.897132	-1.11466	1.63365	0.24891	0.135435	1
cg04433201	FAM101B	0.250362	0.03765198	1.2135	1.46459	0.0705523	0.0135	1.55964	0.0221344	1.8159663	-1.22555	0.306542	0.4857901	-1.45275	0.0422121	1.7153	1.7153	0.444389	0.883948	-1.13129	0.14438	1.28246	1.28246	0.439446	0.8427215	0.0335315	-1.13287	0.996368	1.00072	1.00072	1.63365	0.647637	0.352388	1
cg15462468	MIB;MIB2P	0.250365	0.79588	0.814799	-1.2273	0.567208	1.57922	1.57922	0.314256	2.27559	2.27559	0.899208	0.904568	-1.1055	0.384492	0.494365	-2.0228	0.190795	2.98762	2.98762	0.0297361	7.54779	7.54779	0.503055	0.584519	-1.71081	0.125588	3.70491	3.70491	1.63364	16.1505	8.78776	1
cg19444390	TSPAN5	0.250367	0.415961	1.12466	1.12466	0.178261	1.40249	1.40249	0.665353	1.10845	1.10845	0.251768	1.32485	1.32485	0.904613	0.972163	-1.02863	0.278166	1.30416	1.30416	0.0131701	2.0623	2.0623	0.794294	0.940321	-1.06347	0.65139	0.898425	1.11306	1.63363	1.4348	0.780704	1
cg12487914	EHMT2;EHMT2	0.250368	0.266697	0.731133	-1.36774	0.0841467	0.596244	-1.67717	0.049737	0.545678	-1.83258	0.264499	0.72995	-1.36988	0.418558	0.799567	-1.25068	0.812716	1.00634	1.00634	0.968052	1.48819	1.48819	0.986624	1.00455	1.00455	0.805026	0.935261	-1.06922	1.63362	1.89473	1.03096	1
cg18356330	GTF2E2	0.250372	0.712092	0.931148	-1.07394	0.465203	1.15377	1.15377	0.423474	1.10738	1.10738	0.402585	0.848017	-1.17922	0.49176	1.15977	1.15977	0.926614	0.982447	-1.01789	0.286446	0.808129	-1.23743	0.0575705	0.661479	-1.51176	0.0758391	1.46266	1.46266	1.63361	0.958247	0.521407	1
cg25232934	ERI1	0.250443	0.910769	1.02449	1.02449	0.603204	1.48955	1.48955	0.347466	1.24327	1.24327	0.572304	1.13706	1.13706	0.868213	0.963308	-1.03809	0.0126302	2.00967	2.00967	0.344009	0.9289919	-1.07652	0.79607	0.943368	-1.06003	0.641065	1.11148	1.11148	1.6336	3.10102	2.713363	1
cg15206473	ANKS1A	0.250375	0.0624597	0.520309	-1.92194	0.348885	0.740463	-1.35051	0.178541	0.640609	-1.56101	0.133387	0.603834	-1.65608	0.0295905	0.450194	-2.22127	0.242604	0.776626	-1.28762	0.481258	0.8000073	-1.24989	0.613815	0.853381	-1.17181	0.107997	0.579019	-1.72706	1.6336	2.51179	1.36674	1
cg05956230	SF3B2	0.250382	0.6988	0.938475	-1.06556	0.549852	0.903841	-1.10639	0.832864	0.96602	-1.03517	0.158891	0.779338	-1.28314	0.431628	0.877151	-1.14005	0.0335397	0.666617	-1.50011	0.387179	0.865233	-1.15576	0.743009	1.29257	1.29257	0.442816	1.13631	1.13631	1.63357	0.690002	0.375667	1
cg27415632	IFT122;IFT122;IFT122;MBD4;IFT122	0.250384	0.382053	1.15443	1.15443	0.179906	1.18911	1.18911	0.210265	1.20265	1.20265	0.477026	1.092	1.092	0.245166	1.15949	1.15949	0.670745	0.940276	-1.06543	0.0674348	1.28331	1.28331	0.38142	1.11548	1.11548	0.134804	1.37004	1.37004	1.63357	0.383777	0.208611	1
cg22395255	THSD4	0.250385	0.108823	0.351942	-2.84138	0.03356	0.227053	-4.40426	0.0955517	0.335092	-2.98425	0.85162	0.894211	-1.1183	0.202508	0.447791	-2.23319	0.467518	0.643116	-1.55493	0.17703	0.4245517	-2.35562	0.195051	0.441133	-2.26689	0.780345	1.18168	1.18168	1.63356	9.22481	5.0196	1
cg06336830	TTYH3	0.250389	0.578523	1.07597	1.07597	0.202828	1.32307	1.32307	0.281853	1.15724	1.15724	0.976182	0.996112	-1.00399	0.892482	0.925204	-1.0178	0.848049	1.07528	1.07528	0.0480088	1.34031	1.34031	0.0592451	1.30034	1.30034	0.362928	1.12976	1.12976	1.6335	0.640485	0.239688	1
cg09595163	WNT5A	0.250391	0.260006	0.224977	-4.4449	0.767203	0.685973	-1.45778	0.228293	0.4982	0.4982	0.842569	0.4982	0.842569	0.4982	0.842569	0.4982	1.2872	0.345715	0.291428	-3.43138	0.806937	1.3646	1.3646	0.0526632	0.0610035	-16.3925	0.0963894	0.0984927	-10.153	0.153675	0.143789	-6.95463	1.63354	41.7049	22.6937	1
cg15559578	AIDA;C1orf58;C1orf58	0.250392	0.534956	1.08186	1.08186	0.327041	1.34078	1.34078	0.664953	1.10845	1.10845	0.252768	1.32485	1.32485	0.904613	0.972163	-1.02863	0.278166	1.30416	1.30416	0.0131701	2.0623	2.0623	0.794294	0.940321	-1.06347	0.65139	0.898425	1.11306	1.63353	1.4348	0.780704	1
cg10987625	SDHB	0.250394	0.982909	0.996956	-1.00305	0.529985	0.913434	-1.09477	0.227955	1.19734	1.19734	0.932297	1.01217	1.01217	0.678531	1.06111	1.06111	0.10199	0.775123	-1.29012	0.396464	0.883752	-1.13154	0.526501	1.09563	1.09563	0.0353482	1.4173	1.4173	1.63353	0.524006	0.285139	1
cg05349655	CYP1A1	0.250397	0.220391	0.485401	-2.06015	0.445717	1.5466	1.5466	0.790564	1.86287	-1.16104	0.386582	0.607813	-1.64524	0.0549523	0.29504	-3.38937	0.0779797	0.333321	-3.00018	0.30687	0.552447	-1.81015	0.472728	0.663851	-1.50636	0.261469	1.92883	1.92883	1.63352	8.14128	4.43013	1
cg23528861	PTH1R	0.25044	0.447739	1.12466	1.12466	0.178261	1.40249	1.40249	0.665353	1.10845	1.10845	0.252768	1.32485	1.32485	0.904613	0.972163	-1.02863	0.278166	1.30416	1.30416	0.0131701	2.0623	2.0623	0.794294	0.940321	-1.06347	0.65139	0.898425	1.11306	1.63353	1.4348	0.780704	1
cg14647989	MPPED1	0.250402	0.564944	1.17734	1.17734	0.18319	1.48632	1.48632	0.479861	0.81674	-1.22438	0.505119	0.827153	-1.20897	0.0185707	0.448907	-2.22763	0.402734	0.786398	-1.27162	0.91142	0.9602255	-1.03172	0.723607	1.10477	1.10477	0.541438	1.18941	1.18941	1.6335	2.03713	1.10853	1
cg15400028	NPEPPS	0.250403	0.882532	1.03179	1.03179	0.649603	1.14314	1.14314	0.148549	1.15366	1.15366	0.0518141	0.925988	-1.08006	0.597443	1.03179	1.03179	0.570666	0.885763	-1.12897	0.242455	0.8111317	-1.23185	0.0720885	0.729519	1.37095	0.0455345	0.8511	1.18451	1.63352	1.55724	0.930871	1
cg09981407	RAP1GAP2;RAP1GAP2	0.250417	0.765195	1.16363	1.16363	0.102148	2.47215	2.47215	0.327827	0.598281	-1.667	0.822801	1.12017	1.12017	0.0578554	1.337917	2.9593	0.159773	1.13829	1.13829	0.319713	0.64274	-1.5556	0.807164	1.21134	1.21134	0.578114	1.75287	1.32875	1.63344	6.6221	3.60362	1
cg10820376	SETD1B	0.250418	0.0465607	0.377795	-2.64693	0.573768	0.784484	-1.27472	0.484194	1.35474	1.35474	0.308371	0.637462	-1.56872	0.23285	0.586104	-1.70618	0.382451	1.06523	1.06523	0.0724209	0.4248311	-2.35399	0.0843453	0.442453	-2.26013	0.578399	0.786832	-1.27092	1.63344	4.71817	2.56755	1
cg18981758	PLA2G6;PLA2G6	0.250425	0.741661	1.07945	1.07945	0.312645	1.37183	1.37183	0.525355	0.955686	0.955686	0.845644	-1.44792	0.2924244	-1.41794	0.5922594	1.69154	0.688049	0.755016	-1.3244	0.0232164	0.7288837	-1.57287	0.887054	0.906445	-1.10321	0.372643	0.531209	-1.88257	1.63341	12.3578	6.725	1
cg00384653	RTN4R;MIR1286	0.250425	0.137966	0.418777	-2.38791	0.75842	0.183306	-1.18306	0.791121	1.15563	1.15563	0.719376	0.821512	-1.21727	0.0555976	0.306652	-3.26103	0.768383	0.851357	-1.17459	0.0864306	0.582045	-2.80706	0.680251	0.329657	-3.03346	0.72801	1.20956	1.20956	1.63341	7.68193	4.18044	1
cg16140253	AMPD2;AMPD2;AMPD2	0.250427	0.387232	1.16452	1.16452	0.134015	1.49395	1.49395	0.0878805	1.63315	1.63315	0.0178556	1.38948	1.38948	0.276017	0.852422	-1.17455	0.0402273	0.904444	-1.10524	0.554878	0.4852442	-2.06025	0.0884639	0.702276	-1.42397	0.0441741	0.698635	1.43157	1.63338	6.64388	3.57387	1
cg14192037	F10	0.250432	0.607255	1.16826	1.16826	0.194906	0.662809	-1.50873	0.0279055	0.458729	-2.17994	0.789325	0.922814	-1.08364	0.887224	1.04348	1.04348	0.7729579	1.09064	1.09064	0.863974	0.9498866	-1.05278	0.152068	0.631132	-1.58446	0.0855652	0.565505	-1.76833	1.63339	2.32758	1.26667	1
cg10792120	FDNRB	0.250432	0.959312	1.01122	1.01122	0.218751	0.753607	-1.32695	0.0665962	1.56806	1.56806	0.94076	0.985317	-1.0149	0.807257	1.05491	1.05491	0.468968	1.14784	1.14784	0.028837	1.775713	1.775713	0.434141	1.19069	1.19069	0.478517	1.17066	1.17066	1.63338	1.23725	0.673111	1
cg09978996	MORN1	0.250433	0.0899022	1.28226	1.28226	0.0905543	2.94097	2.94097	0.0976	0.602706	-1.66327	0.16527	0.622537	-1.60628	0.242588	1.5901	1.5901	0.828332	1.0287	1.0287	0.725239	1.97867	1.97867	0.279011	0.68156	-1.46722	0.0688434	0.83029	1.2044	1.63338	1.20014	0.63328	1
cg27392024	CCDC11;CCDC11	0.250437	0.698472	1.117	1.117	0.244571	0.707516	-1.41339	0.614019	0.865416	-1.15551	0.184878	0.670533	-1.49135	0.193949	0.676628	-1.47792	0.775774	0.92204	-1.08455	0.0127818	0.4151155	-2.40874	0.286406	0.730041	-1.36979	0.914801	0.970041	-1.03088	1.63337	2.08983	1.1373	1
cg21123509	POLI;2;POLI;2	0.250457	0.879527	1.03579	1.03579	0.496504	1.08394	1.08394	0.0774954	1.37289	1.37289	0.278085	0.837958	-1.19338	0.0612744	0.732704	-1.36495	0.663606	1.09232	1.09232	0.177555	1.616358	1.616358	0.0962	0.700006	-1.42862	0.0481305	0.80265	1.08526	1.02952	1.63337	0.619552	0.345876	1
cg21536861	USP11	0.250463	0.159335	0.46423	-2.15411	0.0143564	0.214372	-4.66478	0.63025	0.780766	-1.28079	0.486425	0.844028	1.18407	0.420728	0.646109	-1.54773	0.145127	0.450078	-2.22183	0.583787	0.2908353	-3.43833	0.0898359	-1.11314	0.891715	0.932862	-1.07197	1.63334	6.73464	3.66508	1
cg20642630	RHOBTB2	0.250443	0.184565	0.664201	-1.50557	0.565961	0.844761	-1.18377	0.0191061	0.438398	-2.28103	0.711234	1.11417	1.11417	0.153197	0.641014	-1.56003	0.414893	0.784817	-1.27418	0.969214	0.9888442	-1.01128	0.167724	0.652132	-1.53343	0.182749	0.662937	-1.50844	1.63334	1.2867	1.19003	1
cg10771578	ALDH1L1	0.250445	0.879527	1.03579	1.03579	0.496504	1.08394	1.08394	0.0774954	1.37289	1.37289	0.278085	0.837958	-1.19338	0.0612744	0.732704	-1.36495	0.663606	1.09232	1.09232	0.177555	1.616358	1.616358	0.0962	0.700006	-1.42862	0.0481305	0.80265	1.08526	1.02952	1.63334	0.619552	0.345876	1
cg27631107	PPT2;PPT2	0.250452	0.804817	0.863115	-1.16102	0.376759	0.578736	-1.7279	0.656635	0.763538	-1.30969	0.088204	0.321366	-3.11171	0.849557	0.89181	-1.12131	0.58322	0.715965	-1.39672	0.0105572	0.143752	-6.95641	0.790602	0.851806	-1.17398	0.248201	0.482929	-2.0707	1.63331	0.940512	0.51851	1
cg16109680	CADM3;CADM3	0.250457	0.0870988	1.28226	1.28226	0.0905543	2.94097	2.94097	0.0976	0.602706	-1.66327	0.16527	0.622537	-1.60628	0.242588	1.5901	1.5901	0.828332	1.0287	1.0287	0.725239	1.97867	1.97867	0.279011	0.68156	-1.46722	0.0688434	0.83029	1.2044	1.63328	1.20014	0.63328	1
cg24360871	HOXA3	0.250458	0.159311	0.92683	0.92683	0.486598	2.77545	2.77545	0.0543368	24.7416	24.7416	0.5446	2.42299	2.42299	0.256722	5.56533	5.56533	0.158129	8.9914	8.9914	0.484209	2.79164	2.79164	0.0563173	23.9201	23.9201	0.0487483	27.4123	27.4123	1.69125	54.4163	25.0252	1
cg07715798	ALDH1L1	0.250459	0.154814	0.67924	1.67924	0.140162	1.14949	1.14949	0.384049	1.15366	1.15366	0.0518141	0.925988	-1.08006	0.597443	1.03179	1.03179	0.561033	0.885763	-1.12897	0.242455	0.8111317	-1.23185	0.0720885	0.729519	1.37095	0.0455345	0.8511	1.18451	1.63327	1.55724	0.930871	1
cg09814407	TNXB	0.250571	0.0855171	0.94159	-1.02442	0.0102201	0.332033	1.01775	0.0425445	1.13513	1.13513	0.160987	0.645934	1.33513	1.83513	0.178017	0.572877	1.745758	1.34758	1.34758	0.0148605	0.3997287	0.713643	-1.40126	0.131919	0.531024	-1.88315	0.844355	0.927224	-1.07849	0.460641	0.74624	-1.33976	1.63329	3.93911	2.13291	1
cg05346287	DDC;DDC	0.250458	0.976688	1.01053	1.01053	0.810844	0.917602	-1.0898	0.0911191	0.513042	-1.94916	0.948501	1.02343	1.02343	0.198987	1.62704	1.62704	0.1474	1.74636	1.74636	0.14386	0.569398	-1.75624	0.248734	0.648949	-1.54095	0.288235	0.6734	-1.485	1.63329	3.32717	1.81075	1
cg00700366	NOTCH4	0.250463	0.20329	2.08504	2.08504	0.0126457	1.73877	1.73877	0.0232055	0.595686	0.595686	0.644644	-1.44792	0.2924244	-1.41794	0.5922594	1.69154	0.688049	0.755016	-1.3244	0.0232164	0.7288837	-1.57287	0.887054	0.906445	-1.10321	0.372643	0.531209	-1.88257	1.63327	12.3578	6.725	1
cg13320202	ATXN7;ATXN7	0.250463	0.256233	0.656068	-1.52423	0.324221	1.43633	-1.43633	0.65564	1.17308	1.17308	0.92662	1.0333	1.0333	0.224009	0.634882	1.5751	0.405119	0.73864	-1.35384	0.0167066	0.353794	-2.82651	0.958651	1.01861	1.01861	0.909845	1.04111	1.04111	1.63325	3.27199	1.78076	1
cg18740821	PYBJ;PYB	0.250474	0.499226	1.1488	1.1488	0.0789609	0.673182	-1.48507	0.0878805	0.683127	-1.46366	0.801197	0.950755	-1.05158	0.865307	0.986319	-1.01466	0.644666	0.910305	-1.09853	0.0995371	1.44096	1.44096	0.30828	0.764683	-1.30773	0.830572	0.957591	-1.04429	1.63323	1.05795	0.575293	1
cg08434172	HSPBP1;HSPBP1;HSPBP1	0.250478	0.984554	1.00787	1.00787	0.2370761	2.98268	2.98268	0.0003777	2.63455	2.63455	0.999901	0.99995	-1.00005	0.847836	1.08085	1.08085	0.562169	1.67885	1.67885	0.0263677	2.526353	2.526353	0.157205	1.513205	1.513205	0.769264	1.32604	1.32604	1.63323	4.22673	2.30587	1
cg19423978	PIP5K1C	0.250481	0.569721	1.35206	1.35206	0.0292567	0.85163	1.85163	0.240558	1.90616	1.90616	0.965963	0.977846	-1.02266	0.978421	1.0143	1.0143	0.384653	1.62628	1.62628	-1.59676	0.911879	0.945335	-1.05984	0.561245	1.31361	1.31361	0.817055	0.885449	-1.12937	1.63322	1.12999	3.88057	1
cg12064195	TBC1D22A	0.250481	0.0411284	1.42662	1.42662	0.0155564	0.34997	-2.85976	0.0302766	0.68327	-1.46366	0.18527	0.622537	-1.60628	0.242588	1.5901	1.5901	0.828332	1.0287	1.0287	0.725239	1.97867	1.97867	0.279011	0.68156	-1.46722	0.0688434	0.83029	1.2044	1.63318	1.20014	0.63328	1
cg07734351	PDCD11;LSM4G5	0.250487	0.506635	1.48249	1.48249	0.916183	1.06331	1.06331	0.119785	0.369116	-2.70917	7	7	7	0.0219973	0.192249	-5.20158	0.268822	0.508808	-1.96538	0.639325	0.759185	-1.3172	0.845942	1.12012	1.12012	0.604893	0.737332	-1.35624	1.63485	0.794052	4.08945	1
cg01000996	RPTOR;RPTOR	0.250735	0.601468	0.827414	-1.20727	0.861495	0.967549	-1.03354	0.864409	0.93289	-1.07223	0.891289	0.776692	-1.28751	0.0179152	0.562863	1.77683	0.738623	1.0053	1.0053	0.657256	1.088802	1.088802	0.994601	1.00128	1.00128	0.0212662	0.592735	-1.6871	1.63316	0.932937	0.502385	1
cg24751538	RUFY2;RUFY2	0.250494	0.983798	1.13626	1.13626	0.105478	1.29092	1.29092	0.299028	0.850566	-1.16813	0.208835	0.8259	-1.2108	0.698393	1.05783	1.05783	0.409112	1.12663	1.12663	0.0406501	1.640669	1.640669	0.60682	1.07923	1.07923	0.78187	1.04089	1.04089	1.63316	0.539191	0.293469	1
cg12696488	SPON1	0.250495	0.0493708	0.337521	-2.96278	0.0254751	0.208489	-4.79641	0.169868	0.421736	-2.37115	0.687203	0.78728	-1.2702	0.0864279	0.326771	3.06025	0.276316	0.512381	-1.95167	0.178736	0.4301164	-2.32469	0.618584	0.743501	-1.34499	0.365156	0.577255	-1.73234	1.63315	0.91958	4.90916	1
cg08897279	PLS3B3	0.250501	0.0440004	1.37156	1.37156	0.318317	0.607733	-1.64774	0.370932	0.4705	-2.12591	0.0759388	0.529328	-1.88956	0.0207736	0.441277	2.26535	0.952176	1.03263	1.03263	0.761651	1.21083	1.21083	0.381764	1.29241	1.29241	0.606968	1.28211	1.28211	1.63313	2.71564	1.15097	1
cg24523496	HLCS	0.250504	0.137454	1.51635	1.51635	0.772669	0.729735	-1.07829	0.364476	0.784653	-1.27445	0.86542	1.04513	1.04513	0.441697	1.22649	1.22649	0.607285	1.44444	1.44444	0.0146037	2.18722	2.18722	0.858217	0.954531	-1.04764	0.840711	0.948978	-1.05377	1.63312	1.7517	0.953433	1
cg11798293	PIBF1	0.250514	0.481553	0.795567	-1.25671	0.341162	0.840758	-1.18959	0.0417564	0.747586	-1.33819	0.0524742	0.884176	1.13119	0.0524742	0.884176	1.13119	0.294222	0.499303	-2.00272	0.0188487	0.5902045	-1.69421	0.0187487	1.0212	1.0212	0.974827	1.0212	1.0212	1.63308	0.0195763	0.0195763	1
cg09101414	LOC100271715	0.250509	0.590798	0.862092	-1.15997	0.747164	1.09246	1.09246	0.94829	0.982425	-1.01789	0.99283	0.997546	-1.00246	0.590919	1.15991	1.15991	0.509078	0.83267	-1.20096	0.00791198	2.53758	2.53758	0.760029	0.919656	-1.08736	0.941426	1.02029	1.02029	1.6331	1.93318	1.05222	1
cg15893384	LRRC7;PIN1	0.250512	0.0991635	0.741068	-1.3494	0.182522	0.790949	-1.2643	0.0228215	0.659265	-1.51638	0.548166	0.904173	-1.10596	0.334395	0.84786	-1.17944	0.609616	0.91817	-1.08912	0.563643	1.10161	1.10161	0.182917	0.791136	1.264	0.149601	0.774051	-1.2919	1.63309	0.710793	0.386884	1
cg06067955	MYPN	0.250514	0.0844332	1.28226	1.28226	0.0905543	2.94097	2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07872448	FAM38A	0.250766	0.70606	0.894306	-1.11819	0.209995	1.47623	1.47623	0.535205	0.830991	-1.20338	0.690964	1.12503	1.12503	0.0223408	0.446153	-2.24138	0.160305	0.642598	-1.55618	0.818629	0.934524	-1.07006	0.538504	1.20154	1.20154	0.661656	1.13864	1.13864	1.63214	2.24687	1.22368	1
cg11418595	HOXD1	0.250787	0.116384	0.448918	-2.22758	0.0726191	0.390542	-2.56054	0.459238	0.702057	-1.42439	0.117342	0.450019	-2.22213	0.320347	0.617543	-1.61932	0.653602	0.80893	-1.2362	0.189633	0.520909	-1.91972	0.0273254	0.293548	-3.4066	0.474951	0.71102	-1.40643	1.63207	5.69568	3.1021	1
cg01978743	CLDN19;CLDN19	0.250791	0.138804	0.542158	-1.84448	0.87703	0.942242	-1.0613	0.016665	0.325283	-3.07425	0.844671	0.927406	-1.07828	0.113369	0.515845	-1.93857	0.842573	1.07939	1.07939	0.491789	0.764702	-1.3077	0.223655	0.611892	-1.63428	0.32363	0.675926	-1.47945	1.63205	3.81558	2.07814	1
cg09368716	TMEM88B	0.250792	0.118952	1.98083	1.98083	0.0532585	2.42761	2.42761	0.152714	1.85635	1.85635	0.144714	1.88268	1.88268	0.303354	1.53817	1.53817	0.238028	1.6474	1.6474	0.183935	1.76709	1.76709	0.0557017	2.40044	2.40044	0.204733	1.71684	1.71684	1.63205	4.21669	2.29661	1
cg07643762	EPGN	0.250796	0.144608	0.5786	-1.72831	0.138432	0.572935	-1.7454	0.0604509	0.477466	-2.09439	0.209412	0.630051	-1.58717	0.0792307	0.506421	-1.97464	0.275618	0.672993	-1.4859	0.277353	0.674032	-1.48361	0.107035	0.541003	-1.84842	0.102806	0.536207	-1.86495	1.63203	3.15149	1.71646	1
cg24535573	TMEM51;TMEM51;C1orf126;TMEM51;TMEM51	0.250797	0.194058	1.85399	1.85399	0.860644	0.924085	-1.08215	0.793865	1.12486	1.12486	0.0786526	2.40499	2.40499	0.478783	1.38199	1.38199	?	?	?	0.0558253	2.64713	2.64713	0.13621	2.05727	2.05727	0.116382	2.15246	2.15246	1.63654	4.65105	2.842	1
cg09486689	RADIL	0.250797	0.0406013	0.62611	-1.59716	0.34456	0.824645	-1.21264	0.238325	0.783023	-1.2771	0.265883	0.794857	-1.25809	0.222246	0.775667	-1.28921	0.449081	0.858335	-1.16505	0.244124	1.27293	1.27293	0.63587	0.909869	-1.09906	0.317808	1.2269	1.2269	1.63203	1.01369	0.552111	1
cg23706441	XRCC3;XRCC3;ZFYVE21;XRCC3	0.250799	0.447021	1.07467	1.07467	0.464166	0.933114	-1.07168	0.508154	1.06436	1.06436	0.412243	1.08101	1.08101	0.120864	0.855301	-1.16918	0.0829457	0.836614	-1.19529	0.171267	0.873408	-1.14494	0.411761	1.0811	1.0811	0.348645	1.0938	1.0938	1.63202	0.223167	0.121549	1
cg11859176	ZNF429	0.250804	0.381101	0.918784	-1.0884	0.490934	0.93616	-1.06819	0.93403	0.992225	-1.00784	0.175368	1.14554	1.14554	0.856939	1.01716	1.01716	0.433561	1.07826	1.07826	0.244232	0.891484	-1.12172	0.222286	0.88609	-1.12855	0.0326912	0.790063	-1.26572	1.632	0.229785	0.125155	1
cg07452217	IRX5	0.250805	0.0800519	2.97075	2.97075	0.367242	1.68082	1.68082	0.564198	1.38655	1.38655	0.746218	0.833557	-1.19968	0.716702	0.815211	-1.22668	0.0616042	3.25559	3.25559	0.66442	0.782931	-1.27725	0.374883	1.66632	1.66632	0.0510847	3.475	3.475	1.632	8.12422	4.42496	1
cg27297441	GPR123	0.25081	0.504744	1.2771	1.2771	0.396695	1.36837	1.36837	0.846666	1.07246	1.07246	0.228359	1.57912	1.57912	0.207602	0.618671	-1.61637	0.323952	1.44501	1.44501	0.179343	1.67433	1.67433	0.283835	1.49533	1.49533	0.0264134	2.58893	2.58893	1.63198	3.37511	1.83832	1
cg27555092	ALPK2	0.250814	0.633056	1.165	1.165	0.934649	1.02638	1.02638	0.38229	1.3291	1.3291	0.724168	0.893596	-1.11907	0.171314	0.629732	-1.58798	0.590118	1.18847	1.18847	0.0948785	1.79104	1.79104	0.044424	2.08128	2.08128	0.186051	1.56074	1.56074	1.63197	2.60578	1.4193	1
cg11762703	RPTOR;RPTOR	0.250815	0.277341	0.76261	-1.31129	0.31389	0.77892	-1.28383	0.102999	0.651895	-1.53399	0.685414	0.906928	-1.10262	0.749479	1.07988	1.07988	0.835216	1.05124	1.05124	0.333976	1.27003	1.27003	0.183889	0.713071	-1.40239	0.0344096	0.5533	-1.80734	1.63196	1.48729	0.810089	1
cg14848832	EFNA3	0.250821	0.807593	0.944531	-1.05873	0.172705	1.40413	1.40413	0.0723293	1.59848	1.59848	0.542137	1.15526	1.15526	0.472816	1.18623	1.18623	0.379029	0.809708	-1.23501	0.261674	0.760511	-1.31491	0.408133	1.21883	1.21883	0.0730903	1.59604	1.59604	1.63194	1.4139	0.770129	1
cg09406795	PLCB3	0.250829	0.195411	0.583944	-1.71249	0.0425465	0.399549	-2.50282	0.0614102	0.436977	-2.28845	0.109973	0.504383	-1.98262	0.0949309	0.4863	-2.05634	0.280866	0.643825	-1.55322	0.589514	0.807359	-1.23861	0.387078	0.705893	-1.41665	0.885251	0.94485	-1.05837	1.63191	3.98878	2.17266	1
cg20064928	STOX1;STOX1;STOX1;STOX1;STOX1	0.250831	0.366425	1.74161	1.74161	0.0231632	5.06946	5.06946	0.0788016	3.21267	3.21267	0.548034	1.43829	1.43829	0.641192	1.32397	1.32397	0.156804	2.47314	2.47314	0.501837	0.665269	-1.50315	0.730083	1.23009	1.23009	0.245733	2.0666	2.0666	1.6319	9.24005	5.03301	1
cg00387117	ALCAM	0.250831	0.148685	1.82507	1.82507	0.446468	0.739781	-1.35175	0.27923	1.54797	1.54797	0.540155	1.27236	1.27236	0.127165	1.89787	1.89787	0.706592	1.15822	1.15822	0.0354121	2.58923	2.58923	0.216433	1.65733	1.65733	0.511155	0.771944	-1.29543	1.6319	3.89902	2.12377	1
cg03285457	LBX1;FLJ41350	0.250832	0.59692	0.909759	-1.09919	0.396922	0.857511	-1.16617	0.440185	0.869795	-1.1497	0.470897	0.878115	-1.1388	0.489711	0.883073	-1.13241	0.545273	1.11458	1.11458	0.016307	0.594258	-1.68277	0.289356	1.21518	1.21518	0.495018	1.13064	1.13064	1.6319	0.811631	0.442093	1
cg02179478	MIR128-2;ARPP-21	0.250855	0.373721	1.86646	1.86646	0.0146013	7.80983	7.80983	0.0511799	4.56131	4.56131	0.376312	1.85984	1.85984	0.486395	1.62149	1.62149	0.317473	2.02632	2.02632	0.288623	2.12306	2.12306	0.384949	1.83818	1.83818	0.681689	1.32558	1.32558	1.63181	12.0712	6.5755	1
cg09130549	UQCRB	0.250858	0.276937	0.710218	-1.40802	0.398519	0.769844	-1.29896	0.875864	0.953796	-1.04844	0.979157	1.00794	1.00794	0.499147	1.23073	1.23073	0.916959	0.968933	-1.03206	0.0123356	0.389504	-2.56737	0.367498	1.32329	1.32329	0.870048	1.05079	1.05079	1.6318	2.36654	1.28912	1
cg08747777	CDH11	0.250861	0.168272	1.30976	1.30976	0.620314	1.09612	1.09612	0.471666	0.874102	-1.14403	0.44645	1.15329	1.15329	0.728905	0.938058	-1.06603	0.132695	0.742181	-1.34738	0.296833	0.819725	-1.21992	0.257932	1.24229	1.24229	0.0812661	0.701038	-1.42646	1.63179	0.872915	0.475505	1
cg15694752	PPP1R7	0.250862	0.114268	0.545158	-1.83433	0.955194	1.02004	1.02004	0.91501	0.963001	-1.03842	0.312367	0.691377	-1.44639	0.0310234	0.408957	-2.44524	0.499398	0.784945	-1.27397	0.923437	0.966622	-1.03453	0.165016	1.68717	1.68717	0.317482	0.694247	-1.44041	1.63179	3.22326	1.75582	1
cg14737592	DDIT3;DDIT3	0.250863	0.0859794	0.77221	-1.29499	0.462141	1.10736	1.10736	0.124837	1.25403	1.25403	0.697956	0.948255	-1.05457	0.415249	0.892746	-1.12014	0.768433	1.04104	1.04104	0.839408	1.02803	1.02803	0.927643	1.01245	1.01245	0.0547009	1.34569	1.34569	1.63178	0.479709	0.261314	1
cg26517679	SHC2	0.250865	0.570515	1.16933	1.16933	0.255614	1.3824	1.3824	0.677313	1.12096	1.12096	0.77595	1.08097	1.08097	0.398652	1.2659	1.2659	0.246371	1.39205	1.39205	0.0254719	2.06366	2.06366	0.0681668	1.74593	1.74593	0.373401	0.779327	-1.28316	1.63177	1.9241	1.04813	1
cg23701033	SLC44A4	0.25087	0.178049	0.444791	-2.24825	0.424403	1.58697	1.58697	0.629216	0.759253	-1.31708	0.79402	0.862321	-1.15966	0.0265487	0.225733	-4.43002	0.194477	0.45978	-2.17495	0.0769799	0.328482	-3.04431	0.823422	0.881155	-1.13487	0.518564	0.690394	-1.44845	1.63176	8.28213	4.51163	1
cg07280936	DOK7;DOK7	0.250872	0.804895	0.835111	-1.19745	0.077088	4.18342	4.18342	0.367094	1.96319	1.96319	0.322764	2.10353	2.10353	0.091127	0.257996	-3.87603	0.254479	2.37808	2.37808	0.408987	1.84934	1.84934	0.339306	0.48819	-2.04838	0.37984	1.92685	1.92685	1.63175	13.6988	7.46233	1
cg19369151	CRTC1;CRTC1	0.250872	0.0531602	0.222928	-4.48576	0.602735	0.698563	-1.43151	0.945993	0.954774	-1.04737	0.268581	0.455116	-2.19724	0.139363	0.337302	-2.9647	0.0765927	0.260377	-3.84058	0.0496102	0.216487	-4.61922	0.255745	0.444628	-2.24907	0.30168	0.481417	-2.0772	1.63175	12.0613	6.57031	1
cg06098276	TK1	0.250874	0.286164	0.345708	-2.89261	0.317138	2.69565	2.69565	0.118392	5.08187	5.08187	0.65848	1.53199	1.53199	0.0281218	0.0831854	-12.0213	0.901132	0.887647	-1.12657	0.637225	1.57697	1.57697	0.785104	1.29965	1.29965	0.929632	0.918791	-1.08839	1.63174	23.764	12.9454	1
cg01139861	IKZF1	0.250878	0.172344	5.34987	5.34987	0.282286	3.63279	3.63279	0.325807	3.2264	3.2264	0.21341	4.53919	4.53919	0.443256	2.46585	2.46585	0.249389	4.01457	4.01457	0.0498564	13.2314	13.2314	0.0595514	11.6483	11.6483	0.0551141	12.3137	12.3137	1.63173	34.4493	18.7663	1
cg00660384	RASGEF1A	0.250882	0.430286	1.29882	1.29882	0.0547174	2.02929	2.02929	0.989211	1.0044	1.0044	0.966489	1.01374	1.01374	0.836931	1.06922	1.06922	0.0773086	1.89232	1.89232	0.616231	0.848646	-1.17835	0.12663	1.71023	1.71023	0.0724928	1.91716	1.91716	1.63171	2.72568	1.48484	1
cg13132884	GABRR2	0.250887	0.518058	1.35856	1.35856	0.397006	1.50016	1.50016	0.0252697	3.46936	3.46936	0.9394	0.965069	-1.03619	0.149163	0.485116	-2.06136	0.231552	0.556104	-1.79823	0.775283	1.14321	1.14321	0.565658	1.31201	1.31201	0.931304	0.960483	-1.04114	1.63169	5.65122	3.07858	1
cg11641791	KRT222	0.250893	0.96348	1.03712	1.03712	?	?	?	0.365958	2.10973	2.10973	?	?	?	?	?	?	0.636874	0.684216	-1.46153	0.0538934	0.161015	-6.21061	0.331573	2.23982	2.23982	0.297571	2.38878	2.38878	1.7778	11.3257	6.37062	1
cg13037201	PTPN21	0.250896	0.141639	0.578088	-1.72984	0.43992	0.760983	-1.31409	0.066116	2.04388	2.04388	0.190551	1.61717	1.61717	0.555485	0.813191	-1.22972	0.594729	0.830108	-1.20466	0.833644	1.07566	1.07566	0.137314	0.574093	-1.74188	0.917528	0.964719	-1.03657	1.63166	3.10757	1.69293	1
cg05968601	PGCP	0.250899	0.0351884	17.2417	17.2417	0.74176	1.46782	1.46782	0.199613	4.81992	4.81992	0.437905	2.50516	2.50516	0.174991	0.187464	-5.33437	0.289178	3.58553	3.58553	0.986396	0.980406	-1.01999	0.128366	6.73675	6.73675	0.492604	2.2452	2.2452	1.63165	34.8078	18.9626	1
cg00041599	UNC5A	0.250901	0.593661	1.31435	1.31435	0.0298068	3.66109	3.66109	0.219243	1.92663	1.92663	0.65725	0.797189	-1.25441	0.938187	0.961399	-1.04015	0.414304	1.5274	1.5274	0.106565	0.408848	-2.4459	0.473465	1.44782	1.44782	0.834446	0.89922	-1.11208	1.63164	6.65744	3.62685	1
cg11021849	MRAP2	0.250901	0.377932	0.72745	-1.37467	0.629739	1.18633	1.18633	0.95887	1.01831	1.01831	0.976598	0.989736	-1.01037	0.307259	0.689518	-1.45029	0.460095	0.767558	-1.30283	0.00829439	0.305102	-3.27759	0.412888	0.744934	-1.3424	0.64644	0.850051	-1.1764	1.63164	3.19717	1.74176	1
cg00658151	SDC3	0.250901	0.308491	0.572066	-1.74805	0.100099	0.384941	-2.5978	0.110318	0.397692	-2.51451	0.587127	0.747882	-1.33711	0.169347	0.460352	-2.17225	0.806657	0.878161	-1.13874	0.0547456	0.315232	-3.17226	0.256795	1.87224	1.87224	0.676476	0.800631	-1.24902	1.63164	7.25517	3.95249	1
cg00814614	ACSS3	0.250903	0.114738	0.253186	-3.94966	0.177567	3.15029	3.15029	0.688667	1.38063	1.38063	0.374091	0.481597	-2.07642	0.0501119	0.167162	-5.98221	0.142531	0.282989	-3.5337	0.75442	0.777788	-1.2857	0.911221	1.09343	1.09343	0.466539	0.552463	-1.81008	1.63163	16.5727	9.02858	1
cg04204188	NID1	0.250904	0.607474	1.12561	1.12561	0.0177424	1.93173	1.93173	0.717762	1.08642	1.08642	0.432579	0.832857	-1.20069	0.473177	1.18129	1.18129	0.966759	0.990529	-1.00956	0.0597093	1.62455	1.62455	0.515493	1.16251	1.16251	0.796017	1.06094	1.06094	1.63163	1.3476	0.734156	1
cg21387302	RFX3;RFX3	0.250907	0.811755	0.927019	-1.07873	0.387276	1.32508	1.32508	0.868306	1.05412	1.05412	0.0230871	0.421921	-2.37011	0.155453	0.617056	-1.6206	0.938807	1.02469	1.02469	0.550006	1.21179	1.21179	0.274602	1.43484	1.43484	0.615168	1.17468	1.17468	1.63162	2.60696	1.42024	1
cg21964551	LAD1	0.250909	0.176044	6.06302	6.06302	0.160863	6.52945	6.52945	0.262737	4.31813	4.31813	0.263838	4.30238	4.30238	0.881737	0.829863	-1.20502	0.381939	3.07521	3.07521	0.880053	0.827642	-1.20825	0.0830801	11.0662	11.0662	0.026929	26.6464	26.6464	1.63161	40.5564	22.0948	1
cg18301583	ZNF415;ZNF415;ZNF415;ZNF415	0.250914	0.683291	1.14567	1.14567	0.940499	0.975555	-1.02506	0.0771529	1.9184	1.9184	0.454431	0.776771	-1.28738	0.901308	1.04199	1.04199	0.60272	1.19016	1.19016	0.0534542	2.06932	2.06932	0.425395	1.30977	1.30977	0.0477413	2.11803	2.11803	1.63159	2.84008	1.54727	1
cg23082620	PMS2L5;STAG3L2;PMS2L5;STAG3L2;PMS2L5	0.250915	0.100147	0.381809	-2.61911	0.307769	1.75817	1.75817	0.892123	1.07522	1.07522	0.102577	0.384911	-2.598	0.740847	0.837447	-1.1941	0.688676	0.806329	-1.24019	0.891318	0.929535	-1.07581	0.0426778	0.287317	-3.48047	0.50488	1.43571	1.43571	1.63159	7.38213	4.02178	1
cg03768017	ACSL1	0.250915	0.365154	0.809799	-1.23487	0.52384	0.863755	-1.15774	0.847745	1.04454	1.04454	0.55554	0.873556	-1.14475	0.232981	0.753104	-1.32784	0.819546	0.949511	-1.05317	0.0100489	0.478723	-2.08889	0.696327	1.093	1.093	0.602235	1.12662	1.12662	1.63159	1.32835	0.723686	1
cg19725377	DCAF5	0.250917	0.173344	0.373729	-2.67574	0.56661	0.674676	-1.48219	0.500872	0.628666	-1.59067	0.593321	0.693363	-1.44225	0.140976	0.341062	-2.93202	0.858858	0.886099	-1.12854	0.0614341	0.23895	-4.18498	0.557801	1.49585	1.49585	0.0305247	0.177832	-5.62329	1.63158	11.9263	6.49748	1
cg09835543	DIRAS2	0.250917	0.254076	0.86093	-1.16154	0.492209	0.916033	-1.09166	0.362551	1.12487	1.12487	0.0788235	0.782392	-1.27813	0.335173	0.882532	-1.1331	0.434809	0.904665	-1.10538	0.142143	0.820031	-1.21947	0.382985	1.11905	1.11905	0.202031	1.18456	1.18456	1.63158	0.408502	0.222552	1
cg23496314	BCOR;BCOR;BCOR;BCOR;BCOR;BCOR	0.250917	0.0899116	0.334653	-2.98817	0.329002	1.80392	1.80392	0.392184	1.67088	1.67088	0.0862559	3.03411	3.03411	0.344696	0.565549	-1.76819	0.167685	0.422672	-2.3659	0.869829	1.10081	1.10081	0.541369	0.696242	-1.43628	0.811011	1.1506	1.1506	1.63158	8.86153	4.82778	1
cg22405973	MAPK1;MAPK1	0.25092	0.873916	0.967054	-1.03407	0.724149	1.07762	1.07762	0.134634	0.711572	-1.40534	0.273676	1.27164	1.27164	0.207756	1.32342	1.32342	0.451904	1.17548	1.17548	0.0374146	1.66445	1.66445	0.541756	0.877833	-1.13917	0.577974	0.888198	-1.12587	1.63157	1.14996	0.626502	1
cg05566455	C11orf45;KCNJ5	0.250924	0.484772	1.38006	1.38006	0.84378	1.09365	1.09365	0.946852	1.03071	1.03071	0.900056	0.944585	-1.05867	0.453591	0.707232	-1.41396	0.388984	1.49268	1.49268	0.0224048	3.46008	3.46008	0.0517105	2.73092	2.73092	0.453876	1.41364	1.41364	1.63156	5.31976	2.89826	1
cg09697651	LOC285830;LOC285830	0.250926	0.910048	1.02646	1.02646	0.198616	0.730537	-1.36886	0.212328	0.738146	-1.35475	0.541286	0.86682	-1.15364	0.915333	1.02488	1.02488	0.221058	0.74281	-1.34624	0.292721	0.777024	-1.28696	0.193329	1.37457	1.37457	0.0346099	0.565861	-1.76722	1.63155	1.3803	0.752002	1
cg07441654	TOLLIP;LOC255512;TOLLIP	0.250926	0.238425	0.310853	-3.21695	0.676128	0.671967	-1.48817	0.298912	0.361036	-2.76981	0.63951	0.639935	-1.56266	0.288884	0.352831	-2.83422	0.671352	0.667748	-1.49757	0.107707	5.26477	5.26477	0.5543	1.7612	1.7612	0.059998	7.44672	7.44672	1.63155	23.1368	12.6052	1
cg18185149	PTPRN2;PTPRN2;PTPRN2	0.250929	0.1227	0.44069	-2.26917	0.53016	0.732299	-1.36556	0.406956	1.5153	1.5153	0.869184	1.08411	1.08411	0.137256	0.456486	-2.19065	0.368387	0.635943	-1.57247	0.0316974	0.291164	-3.43449	0.152102	0.471586	-2.12051	0.639168	0.793451	-1.26032	1.63154	6.20243	3.37919	1
cg08299454	AP3M2;AP3M2	0.250932	0.0683023	0.675162	-1.48113	0.892376	1.02639	1.02639	0.200284	1.29739	1.29739	0.2359	1.27002	1.27002	0.131216	1.36833	1.36833	0.950163	1.0121	1.0121	0.686477	0.924882	-1.08122	0.946407	0.987147	-1.01302	0.178697	0.759618	-1.31645	1.63153	0.956932	0.521356	1
cg04134748	PRDM16;PRDM16	0.250933	0.0608757	0.218698	-4.57251	0.90838	1.08635	1.08635	0.147396	3.06013	3.06013	0.442684	1.75617	1.75617	0.508378	0.617107	-1.62046	0.519653	0.625255	-1.59935	0.465053	1.70731	1.70731	0.110513	0.286163	-3.49451	0.347067	0.498279	-2.00691	1.63152	13.3749	7.28696	1
cg21118250	MID1;MID1;MID1	0.250934	0.896494	0.972226	-1.02857	0.997699	0.999376	-1.00062	0.340266	0.808407	-1.237	0.115855	0.690826	-1.44754	0.0173259	0.534071	-1.87241	0.889248	1.03061	1.03061	0.107986	0.684181	-1.4616	0.801407	0.946918	-1.05606	0.311583	0.797277	-1.25427	1.63152	1.21016	0.659324	1
cg25157709	CPEB2;CPEB2	0.250935	0.429709	1.37843	1.37843	0.0897713	2.10566	2.10566	0.0681959	0.443501	-2.25479	0.396168	1.41333	1.41333	0.297014	1.53798	1.53798	0.186725	1.74585	1.74585	0.513872	0.768297	-1.30158	0.481889	1.32922	1.32922	0.804089	0.905784	-1.10402	1.63152	4.09596	2.23158	1
cg00293381	ACADS	0.250935	0.435301	0.752016	-1.32976	0.11884	0.545449	-1.83335	0.183981	0.603719	-1.6564	0.0420688	0.432286	-2.31328	0.0595162	0.466957	-2.14153	0.129412	0.556192	-1.79794	0.374941	0.721761	-1.3855	0.316795	0.690358	-1.44852	0.140417	0.566742	-1.76447	1.63152	3.31265	1.80481	1
cg01409873	TOLLIP	0.250937	0.353164	0.690922	-1.44734	0.692063	0.85722	-1.16656	0.738382	0.878336	-1.13852	0.811481	0.911673	-1.09688	0.0127451	0.301882	-3.31255	0.870248	1.06531	1.06531	0.20791	0.59817	-1.67177	0.312827	1.49786	1.49786	0.411711	0.722645	-1.38381	1.63151	3.87014	2.10855	1
cg02446378	ZNF17	0.250938	0.729672	1.30875	1.30875	0.894738	1.10808	1.10808	?	?	?	0.069241	0.201157	-4.97124	?	?	?	?	?	?	0.121594	0.267824	-3.73379	0.28003	2.4006	2.4006	0.742788	1.291	1.291	1.70181	10.5707	7.24671	1
cg27211402	CCDC53	0.250944	0.795712	1.03247	1.03247	0.616498	1.06417	1.06417	0.570623	1.07315	1.07315	0.250843	1.15927	1.15927	0.715815	0.955964	-1.04606	0.369489	1.12022	1.12022	0.0236294	0.71688	-1.39493	0.176542	0.837811	-1.19359	0.887722	1.01755	1.01755	1.63148	0.392018	0.213585	1
cg24399111	DVL1	0.250946	0.991173	1.00525	1.00525	0.0754821	0.391991	-2.55108	0.344199	0.630571	-1.58586	0.797975	0.885685	-1.12907	0.291705	0.595844	-1.67829	0.429816	0.682897	-1.46435	0.134814	0.466269	-2.14469	0.168572	2.00236	2.00236	0.210506	1.86724	1.86724	1.63148	5.7875	3.15324	1
cg18434673	KCNH4	0.250947	0.706353	1.1026	1.1026	0.0508076	0.56316	-1.7757	0.210544	0.711445	-1.40559	0.0728715	0.596721	-1.67583	0.644796	0.887107	-1.12726	0.957776	0.98643	-1.01376	0.847708	0.951597	-1.05086	0.812719	1.06316	1.06316	0.057009	0.573651	-1.74322	1.63147	1.72061	0.937455	1
cg14612133	TRIO	0.250949	0.187492	0.431041	-2.31996	0.325738	1.84283	1.84283	0.528596	1.46905	1.46905	0.515894	1.48716	1.48716	0.080732	0.311356	-3.21175	0.729669	0.811404	-1.23243	0.0520607	0.264108	-3.78633	0.708777	1.25362	1.25362	0.460585	0.635985	-1.57236	1.63146	9.37794	5.10949	1
cg17676607	LRGUK	0.250951	0.712337	1.14124	1.14124	0.185281	0.599803	-1.66721	0.756036	0.894823	-1.11754	0.454284	0.760871	-1.31428	0.0350786	0.396081	-2.52474	0.314547	0.687324	-1.45492	0.316971	1.45195	1.45195	?	?	?	0.445883	1.32138	1.32138	1.77157	3.01321	1.27565	1
cg25777073	SIK2	0.250964	0.0336357	0.524383	-1.907	0.783443	1.0743	1.0743	0.770171	0.926623	-1.07919	0.988699	1.00369	1.00369	0.413359	0.804488	-1.24303	0.995344	0.998483	-1.00152	0.151138	0.670195	-1.4921	0.266883	1.3511	1.3511	0.184195	1.44261	1.44261	1.63141	1.74856	0.952721	1
cg02501984	POLE;PXMP2	0.250964	0.253844	0.747884	-1.33711	0.323773	0.780006	-1.28204	0.931597	0.979288	-1.02115	0.43784	1.21281	1.21281	0.901383	0.970229	-1.03068	0.260291	0.751067	-1.33144	0.0111397	0.460366	-2.17219	0.82872	0.94855	-1.05424	0.615823	0.883961	-1.13127	1.63141	1.53572	0.836751	1
cg16676734	ITPK1;ITPK1;ITPK1	0.250964	0.100436	0.717707	-1.39333	0.0395107	0.644738	-1.55102	0.983814	1.00375	1.00375	0.479468	0.8759	-1.14168	0.249832	0.801185	-1.24815	0.305076	0.822217	-1.21622	0.608073	1.10003	1.10003	0.213141	1.27335	1.27335	0.540414	0.892051	-1.12101	1.63141	0.877773	0.478263	1
cg03008405	ARHGAP4;ARHGAP4	0.250968	0.365726	1.55606	1.55606	0.382154	1.53179	1.53179	0.489984	1.39604	1.39604	0.236095	0.553937	-1.80526	0.260586	0.572193	-1.74766	0.230073	1.8205	1.8205	0.810099	1.12136	1.12136	0.874793	1.07791	1.07791	0.0392601	0.321467	-3.11074	1.63139	5.84885	3.18683	1
cg14978741	NEBL	0.250972	0.682237	0.93	-1.07527	0.114309	1.35365	1.35365	0.0574701	1.4605	1.4605	0.753443	0.945965	-1.05712	0.104949	0.731719	-1.36664	0.808025	1.04385	1.04385	0.441063	1.14855	1.14855	0.950753	1.01095	1.01095	0.359804	0.847063	-1.18055	1.63138	0.803001	0.437531	1
cg13088568	IHH	0.250972	0.503451	0.610771	-1.63727	0.219023	2.55651	2.55651	0.575388	1.50822	1.50822	0.996683	1.00302	1.00302	0.0618468	0.217184	-4.6044	0.78104	0.816821	-1.22426	0.131133	0.306188	-3.26596	0.0705514	0.230505	-4.3383	0.543036	0.639516	-1.56368	1.63138	13.623	7.42275	1
cg25187088	SRCIN1	0.250976	0.743479	0.909523	-1.09948	0.717702	0.900458	-1.11055	0.450009	0.800677	-1.24894	0.338323	0.751981	-1.32982	0.296208	0.731392	-1.36726	0.0395255	0.502761	-1.98902	0.175453	0.659619	-1.51603	0.12864	1.60686	1.60686	0.211086	0.683505	-1.46305	1.63136	2.15489	1.17415	1
cg04588436	BCL11A;BCL11A;BCL11A	0.250986	0.521884	0.846992	-1.18065	0.0436164	1.81028	1.81028	0.634676	1.13027	1.13027	0.749381	0.921278	-1.08545	0.151324	0.6748	-1.48192	0.337558	1.28779	1.28779	0.247842	1.36216	1.36216	0.238467	0.729159	-1.37144	0.770726	1.07762	1.07762	1.63133	1.6909	0.92135	1
cg25152312	TNK2;TNK2	0.250987	0.457368	1.28757	1.28757	0.145368	1.68568	1.68568	0.120365	1.75532	1.75532	0.108042	1.79603	1.79603	0.211594	1.55192	1.55192	0.261861	1.47806	1.47806	0.0214356	2.51667	2.51667	0.226733	1.52784	1.52784	0.465276	1.28168	1.28168	1.63132	2.88155	1.57012	1
cg03542778	DUOX2	0.250991	0.927538	1.043	1.043	0.161988	0.500981	-1.99608	0.12	0.458053	-2.18315	0.0835491	0.412055	-2.42686	0.842647	0.912104	-1.09637	0.790632	0.884113	-1.13108	0.0374107	0.32693	-3.05876	0.100895	0.435311	-2.29721	0.536671	0.748556	-1.33591	1.63131	5.53601	3.01654	1
cg19119119	SPATS2	0.250994	0.403488	1.31316	1.31316	0.192752	0.64449	-1.55161	0.537819	1.21994	1.21994	0.476541	0.793996	-1.25945	0.0881052	1.82169	1.82169	0.206946	0.654329	-1.52828	0.151571	0.612846	-1.63173	0.216487	0.660697	-1.51355	0.891385	0.957395	-1.0445	1.6313	2.62382	1.42971	1
cg15660418	HOXC4;HOXC6;HOXC5	0.250995	0.0743195	5.43438	5.43438	0.226763	2.94563	2.94563	0.861811	1.15988	1.15988	0.474618	0.5385	-1.85701	0.864933	0.865088	-1.15595	0.533508	1.71058	1.71058	0.211926	0.326491	-3.06287	0.0478488	6.86107	6.86107	0.731237	1.34112	1.34112	1.63129	18.7219	10.2015	1
cg15358052	SLC39A9;SLC39A9;ERH	0.250996	0.0469451	6.04152	6.04152	0.682893	1.38383	1.38383	0.693924	0.731387	-1.36727	0.0568761	5.49813	5.49813	0.517018	1.68132	1.68132	?	?	?	0.98104	0.981381	-1.01897	?	?	?	0.218409	2.78395	2.78395	1.64093	12.6437	8.80598	1
cg10364182	RAG2;C11orf74	0.250998	0.247018	1.58556	1.58556	0.0837714	2.07243	2.07243	0.0492342	2.35081	2.35081	0.547795	1.26063	1.26063	0.368333	1.42171	1.42171	0.505416	1.29348	1.29348	0.133654	0.540085	-1.85156	0.835873	1.0822	1.0822	0.978409	0.989748	-1.01036	1.63128	3.7464	2.04142	1
cg17304553	PMS2L11	0.250999	0.456376	0.684978	-1.4599	0.268082	1.77785	1.77785	0.801005	0.881639	-1.13425	0.963045	1.02338	1.02338	0.0190736	0.242864	-4.11754	0.935114	0.9602	-1.04145	0.091785	0.396164	-2.52421	0.58624	0.760229	-1.31539	0.462884	0.688854	-1.45169	1.63128	6.42784	3.50255	1
cg06094150	MT1B	0.250999	0.0193459	0.372576	-2.68402	0.198578	1.60682	1.60682	0.620096	0.839931	-1.19057	0.345406	1.40385	1.40385	0.626175	1.18692	1.18692	0.562192	1.22698	1.22698	0.840675	1.07279	1.07279	0.510469	1.26241	1.26241	0.580748	0.82306	-1.21498	1.63128	3.14815	1.71544	1
cg18823846	PRKG1;PRKG1;CSTF2T	0.251004	?	?	?	0.183599	2.23037	2.23037	0.274981	0.524248	-1.9075	0.0976228	0.355787	-2.81067	0.112316	2.67244	2.67244	0.360667	1.70628	1.70628	0.947212	1.03837	1.03837	0.44211	0.640418	-1.56148	0.987182	1.00918	1.00918	1.63575	7.44487	4.55135	1
cg18940274	CUL1	0.251005	0.26734	1.30307	1.30307	0.173682	0.717777	-1.39319	0.0322498	0.562999	-1.7762	0.617434	0.891042	-1.12228	0.983657	1.0047	1.0047	0.637853	0.897076	-1.11473	0.12922	0.686903	-1.45581	0.534965	1.15482	1.15482	0.672704	1.10223	1.10223	1.63126	1.35588	0.738832	1
cg19185339	SERP2	0.251006	0.469403	0.487557	-2.05104	0.327828	2.67992	2.67992	0.337572	2.62451	2.62451	0.928449	0.916076	-1.09161	0.0555006	0.120257	-8.31553	0.866481	0.848545	-1.17849	0.0384103	0.0962083	-10.3941	0.897524	0.88183	-1.13401	0.536015	0.542467	-1.84343	1.63125	24.6093	13.4099	1
cg26411702	NPM2	0.25101	0.0499669	15.0825	15.0825	0.361114	3.1254	3.1254	0.112533	8.14204	8.14204	0.196134	5.25513	5.25513	0.196146	5.25486	5.25486	0.146418	6.63445	6.63445	0.0405798	17.644	17.644	0.341444	3.28673	3.28673	0.656026	1.72316	1.72316	1.63124	38.0665	20.743	1
cg13461762	MUTYH;MUTYH;MUTYH;TOE1;MUTYH;MUTYH;MUTYH	0.251011	0.235343	0.833049	-1.20041	0.708496	1.05671	1.05671	0.965709	1.00633	1.00633	0.911938	1.01638	1.01638	0.0415296	0.708088	-1.41225	0.866145	0.975528	-1.02509	0.096021	1.30796	1.30796	0.262828	0.842437	-1.18703	0.290797	0.851288	-1.17469	1.63123	0.557263	0.303663	1
cg16451430	FITM2	0.251011	0.362763	1.15824	1.15824	0.695002	0.939995	-1.06384	0.261321	1.20197	1.20197	0.677278	0.936386	-1.06794	0.782603	1.0444	1.0444	0.711253	1.06013	1.06013	0.0196789	0.64244	-1.55657	0.414217	1.14006	1.14006	0.323927	1.1735	1.1735	1.63123	0.637158	0.347199	1
cg21746633	ALK	0.251011	0.347851	1.24605	1.24605	0.837732	0.954403	-1.04778	0.368183	1.23413	1.23413	0.773762	1.06779	1.06779	0.257351	1.30869	1.30869	0.0317992	1.77307	1.77307	0.0505198	1.66066	1.66066	0.0958847	1.51622	1.51622	0.467077	1.18343	1.18343	1.63123	1.33817	0.729192	1
cg11716160	PEX5;PEX5;PEX5;PEX5;PEX5;PEX5	0.251014	0.0712101	3.02915	3.02915	0.808082	0.874733	-1.14321	0.586653	0.739397	-1.35245	0.349887	1.69758	1.69758	0.879276	1.08718	1.08718	?	?	?	0.267437	1.88771	1.88771	0.798313	0.868641	-1.15122	0.0631007	0.316735	-3.15722	1.63571	6.96499	4.25808	1
cg05372549	SRM	0.251015	0.248162	0.679357	-1.47198	0.634643	1.16568	1.16568	0.45812	0.785098	-1.27373	0.0650124	0.515047	-1.94157	0.697296	0.882342	-1.13335	0.0979666	0.559157	-1.7884	0.0676944	0.519215	-1.92598	0.0860561	0.544753	-1.83569	0.881809	0.953475	-1.0488	1.63122	2.64939	1.44371	1
cg18723560	CLEC11A	0.251016	0.548305	0.935306	-1.06917	0.494164	1.07944	1.07944	0.85897	0.980608	-1.01978	0.436389	0.916289	-1.09136	0.792041	1.02952	1.02952	0.693267	1.04461	1.04461	0.0262057	0.747977	-1.33694	0.0811593	1.23724	1.23724	0.904067	1.01336	1.01336	1.63122	0.313194	0.170667	1
cg16380285	ACAP3	0.25102	0.732281	0.933019	-1.07179	0.537714	0.881627	-1.13427	0.0942765	0.689774	-1.44975	0.931305	1.01756	1.01756	0.187652	0.754337	-1.32567	0.467503	1.16098	1.16098	0.0640267	1.52232	1.52232	0.171785	0.745499	-1.34138	0.969335	0.992269	-1.00779	1.6312	1.0531	0.573866	1
cg03046940	GTF2A1;GTF2A1	0.251022	0.0846099	0.742773	-1.34631	0.740998	1.05307	1.05307	0.0398419	1.44836	1.44836	0.381215	0.869342	-1.1503	0.298248	0.845272	-1.18305	0.7609	0.953533	-1.04873	0.557511	0.911669	-1.09689	0.588045	0.918273	-1.089	0.483459	1.11742	1.11742	1.63119	0.627892	0.342158	1
cg14924278	TACC2;TACC2;TACC2;TACC2	0.251031	0.845173	0.918312	-1.08895	0.195401	0.550526	-1.81644	0.122827	0.482529	-2.07242	0.421735	1.43007	1.43007	0.0188622	0.289441	-3.45493	0.919915	1.04481	1.04481	0.885958	1.06455	1.06455	0.93675	0.965998	-1.0352	0.344248	0.654	-1.52905	1.63116	4.90808	2.67462	1
cg06442090	TBL3	0.251031	0.416719	1.08957	1.08957	0.25877	0.885342	-1.12951	0.361101	1.1019	1.1019	0.140491	0.84884	-1.17808	0.973093	0.99652	-1.00349	0.209467	1.14651	1.14651	0.0999143	0.82999	-1.20483	0.705746	0.961553	-1.03998	0.202504	1.1492	1.1492	1.63116	0.275978	0.150392	1
cg10944833	NUP153	0.251033	0.930902	1.03792	1.03792	0.490692	0.74052	-1.3504	0.849785	1.08476	1.08476	0.921063	0.958359	-1.04345	0.058257	0.399177	-2.50515	0.793244	1.11931	1.11931	0.245177	0.593553	-1.68477	0.585459	1.2666	1.2666	0.0237562	0.314074	-3.18396	1.63115	4.75688	2.59224	1
cg09788866	ERCC3	0.251033	0.81397	0.965907	-1.0353	0.138497	1.26452	1.26452	0.249615	1.19371	1.19371	0.497574	0.903626	-1.10665	0.524811	0.909523	-1.09948	0.707035	1.05713	1.05713	0.0257778	0.677313	-1.47642	0.625791	1.075	1.075	0.771183	1.04385	1.04385	1.63115	0.559435	0.304861	1
cg13609053	WNK2	0.251036	0.954874	1.04718	1.04718	0.0908931	4.55973	4.55973	0.0343661	7.46794	7.46794	0.788384	1.24503	1.24503	0.107234	0.238757	-4.18835	0.575787	1.58492	1.58492	0.586878	1.56354	1.56354	0.982097	0.981887	-1.01845	0.813712	1.21204	1.21204	1.63114	17.1446	9.34295	1
cg26313349	NUDT17	0.251036	0.420826	0.893479	-1.11922	0.64758	1.06506	1.06506	0.346944	0.875778	-1.14184	0.115638	0.791174	-1.26394	0.575823	0.925504	-1.08049	0.592225	1.07686	1.07686	0.0206047	0.682556	-1.46508	0.514445	1.09477	1.09477	0.717736	1.05097	1.05097	1.63114	0.48457	0.264066	1
cg19756345	TGFBR3	0.251037	0.626742	1.1069	1.1069	0.0712552	1.51822	1.51822	0.0562971	1.56506	1.56506	0.471903	1.16375	1.16375	0.122774	1.41415	1.41415	0.912442	1.02306	1.02306	0.437002	0.847202	-1.18036	0.439143	1.17765	1.17765	0.0966024	1.45941	1.45941	1.63114	1.10949	0.604618	1
cg02541231	CD81;CD81	0.251041	0.0939593	0.748437	-1.33612	0.837603	0.968224	-1.03282	0.859102	1.02835	1.02835	0.0539056	0.708696	-1.41104	0.527593	0.904201	-1.10595	0.166087	0.792651	-1.26159	0.440033	0.883465	-1.13191	0.97061	1.00581	1.00581	0.139619	1.28418	1.28418	1.63112	0.639569	0.348536	1
cg01016857	C2CD4C	0.251041	0.0812362	0.704586	-1.41927	0.167043	1.30584	1.30584	0.122442	0.738438	-1.35421	0.108031	0.727861	-1.37389	0.818462	0.959208	-1.04253	0.275608	0.814276	-1.22809	0.73063	1.06461	1.06461	0.288831	0.819173	-1.22074	0.951077	0.988947	-1.01118	1.63112	0.847729	0.461975	1
cg04293085	ADRA1D	0.251044	0.038503	0.0868997	-11.5075	0.978275	0.972633	-1.02814	0.045538	0.0966401	-10.3477	0.877584	1.17008	1.17008	0.238544	0.28423	-3.51827	0.238068	0.283833	-3.5232	0.299833	0.33457	-2.98891	0.818882	1.2633	1.2633	0.66027	1.56947	1.56947	1.63111	26.8262	14.6192	1
cg26217489	SRI;SRI	0.251051	0.241292	0.628279	-1.59165	0.117605	0.5252	-1.90403	0.0907219	2.02619	2.02619	0.269888	0.647054	-1.54547	0.161727	0.567691	-1.76152	0.559895	0.799812	-1.25029	0.515831	0.779074	-1.28357	0.626876	1.20397	1.20397	0.412669	1.37349	1.37349	1.63109	3.70885	2.0212	1
cg10667386	AKAP1	0.251053	0.0241457	0.237825	-4.20478	0.501385	1.4398	1.4398	0.324178	1.72269	1.72269	0.9024	1.06773	1.06773	0.942163	0.961983	-1.03952	0.728555	0.830186	-1.20455	0.0802129	0.354611	-2.81999	0.58155	0.742795	-1.34627	0.438793	0.655847	-1.52475	1.63108	7.37101	4.01697	1
cg24826355	KIF5B	0.251053	0.3961	1.27492	1.27492	0.480702	1.22116	1.22116	0.119286	0.617099	-1.62049	0.0793444	1.75235	1.75235	0.179554	1.49751	1.49751	0.486153	0.82101	-1.21801	0.76149	0.919019	-1.08812	0.148439	1.55376	1.55376	0.87599	0.957637	-1.04424	1.76849	2.04829	0.772145	1
cg16808310	FAM83D	0.251056	0.125178	1.76338	1.76338	0.132457	1.74168	1.74168	0.345622	1.39369	1.39369	0.155745	0.595073	-1.68047	0.493506	0.788474	-1.26827	0.827733	1.07732	1.07732	0.445723	0.766701	-1.30429	0.714125	1.13399	1.13399	0.141201	0.58229	-1.71736	1.63107	3.01724	1.64431	1
cg24342094	ADORA3;ADORA3;ADORA3	0.251057	0.118343	0.57121	-1.75067	0.22027	1.5306	1.5306	0.108469	0.560861	-1.78297	0.653678	0.861436	-1.16085	0.0525745	0.482931	-2.07069	0.275448	0.687481	-1.45459	0.810979	1.08235	1.08235	0.554202	0.820697	-1.21848	0.32801	0.716443	-1.39578	1.63106	2.81778	1.53562	1
cg11612852	KCNIP4;KCNIP4	0.25106	0.480781	0.656724	-1.52271	0.481043	1.52232	1.52232	0.827428	1.13666	1.13666	0.846347	1.12056	1.12056	0.273295	0.51226	-1.95213	0.0892853	0.333086	-3.00223	0.0280687	0.218236	-4.5822	0.480878	1.52256	1.52256	0.685383	1.26994	1.26994	1.63105	8.89264	4.8463	1
cg25150212	SGK1	0.251063	0.184747	1.79787	1.79787	0.228119	1.69475	1.69475	0.566067	0.785133	-1.27367	0.238705	0.597741	-1.67297	0.55988	0.782037	-1.27871	0.0754224	0.438057	-2.28281	0.616461	0.810106	-1.23441	0.0973397	0.468277	-2.13549	0.57694	0.790556	-1.26493	1.63104	4.49223	2.44818	1
cg27281791	ZFPM2	0.251063	0.233737	0.390931	-2.558	0.242393	2.51044	2.51044	0.476673	1.72359	1.72359	0.669	0.723571	-1.38203	0.0221124	0.126893	-7.88066	0.756533	0.791384	-1.26361	0.2476	0.40275	-2.48293	0.757497	0.792146	-1.26239	0.323861	0.46461	-2.15234	1.63104	14.621	7.96821	1
cg26994334	ZNF148;ZNF148	0.251065	0.206413	0.686778	-1.45607	0.425545	1.25787	1.25787	0.353982	1.30849	1.30849	0.110424	0.612336	-1.63309	0.430121	0.796868	-1.25491	0.412127	0.789439	-1.26672	0.584914	0.855973	-1.16826	0.32598	1.33101	1.33101	0.0945882	1.67875	1.67875	1.63103	2.05347	1.11911	1
cg17122979	TBC1D25	0.25107	0.148625	0.262638	-3.80752	0.0634391	0.165098	-6.05702	0.786881	0.791466	-1.26348	0.178974	3.42839	3.42839	0.324365	2.40691	2.40691	0.119031	0.232214	-4.30638	0.718662	1.36643	1.36643	0.854093	0.853108	-1.17218	0.885094	0.882679	-1.13291	1.63102	19.2388	10.485	1
cg00568792	STT3A	0.251081	0.647636	1.1048	1.1048	0.0757357	1.53437	1.53437	0.759264	1.06884	1.06884	0.403055	1.20362	1.20362	0.962552	1.01022	1.01022	0.370487	1.2204	1.2204	0.0305766	0.57677	-1.73379	0.841996	0.957694	-1.04417	0.498825	1.16033	1.16033	1.63097	1.21166	0.660361	1
cg23322812	MIR346;GRID1	0.251081	0.583748	0.731889	-1.36633	0.476617	1.50417	1.50417	0.0630113	0.307369	-3.25341	0.182256	2.22233	2.22233	0.484035	0.669532	-1.49358	0.699326	0.803383	-1.24474	0.392012	1.63997	1.63997	0.224547	2.0537	2.0537	0.149106	2.39338	2.39338	1.63097	8.21924	4.47953	1
cg14195318	MFSD5;MFSD5	0.251084	0.0881341	0.5336	-1.87406	0.464452	0.779961	-1.28211	0.186017	0.626255	-1.59679	0.417964	0.758614	-1.31819	0.053165	0.480327	-2.08192	0.171767	0.615351	-1.62509	0.109807	0.558878	-1.7893	0.811978	0.923542	-1.08279	0.0614122	0.494909	-2.02057	1.63096	2.87771	1.56838	1
cg05852537	PROCR	0.251086	0.128569	0.489523	-2.0428	0.0698872	0.414194	-2.41433	0.072321	0.418056	-2.39202	0.175329	0.534323	-1.87153	0.168814	0.528569	-1.8919	0.309262	0.632807	-1.58026	0.0891972	0.442607	-2.25934	0.15061	0.511729	-1.95416	0.186417	0.543828	-1.83882	1.63095	4.88485	2.6623	1
cg14008593	TTLL10;TTLL10	0.251087	0.0725504	0.377759	-2.64719	0.488603	0.710459	-1.40754	0.344596	0.623124	-1.60482	0.176601	0.497595	-2.00967	0.0249831	0.273623	-3.65467	0.23523	0.546363	-1.83028	0.096043	0.411436	-2.43051	0.396155	0.655602	-1.52532	0.261382	0.566033	-1.76668	1.63095	6.09825	3.32362	1
cg06098474	CUBN	0.251098	0.844901	0.964967	-1.03664	0.142909	0.748805	-1.33546	0.573386	1.11018	1.11018	0.372658	1.18311	1.18311	0.650802	1.08732	1.08732	0.0437043	1.53107	1.53107	0.499797	1.1341	1.1341	0.122155	0.735071	-1.36041	0.976793	1.00536	1.00536	1.63091	0.8718	0.475153	1
cg02480412	CABC1;CABC1	0.251099	0.335662	1.40854	1.40854	0.722197	1.13108	1.13108	0.145256	1.71543	1.71543	0.577068	0.823337	-1.21457	0.0896572	1.90713	1.90713	0.334397	0.709276	-1.40989	0.0724618	0.500789	-1.99685	0.889846	1.04898	1.04898	0.671295	1.15869	1.15869	1.63091	3.07515	1.67604	1
cg17797372	ALDH1A3	0.251099	0.585234	1.1569	1.1569	0.199985	0.699037	-1.43054	0.336538	0.769472	-1.29959	0.87803	1.04145	1.04145	0.472327	1.21328	1.21328	0.129149	1.54287	1.54287	0.10225	1.60469	1.60469	0.537998	0.847973	-1.17928	0.144006	0.660267	-1.51454	1.63091	1.80652	0.984605	1
cg19401867	VCP	0.251103	0.505603	0.926493	-1.07934	0.46157	0.91877	-1.08841	0.0509301	1.28574	1.28574	0.583807	0.939382	-1.06453	0.211748	1.16032	1.16032	0.102883	1.22347	1.22347	0.734588	1.03921	1.03921	0.317716	1.12382	1.12382	0.166591	1.1814	1.1814	1.63089	0.329996	0.179859	1
cg06271561	ALPK3	0.251103	0.259222	0.583951	-1.71247	0.654678	1.22845	1.22845	0.352196	0.645617	-1.5489	0.707291	1.18815	1.18815	0.0134133	0.246752	-4.05265	0.344073	1.56115	1.56115	0.950574	1.02874	1.02874	0.786308	0.883208	-1.13224	0.569653	0.769038	-1.30033	1.63089	5.39512	2.94051	1
cg00511632	PXDN	0.251112	0.191822	1.32178	1.32178	0.581099	1.1191	1.1191	0.864727	0.966158	-1.03503	0.436013	1.17405	1.17405	0.0601605	1.53431	1.53431	0.184179	0.752439	-1.32901	0.504788	1.14643	1.14643	0.390228	1.19455	1.19455	0.14762	0.730745	-1.36847	1.63086	1.053	0.573933	1
cg17228105	ERG;ERG;ERG;ERG	0.251116	0.822644	1.08689	1.08689	0.0573341	2.22106	2.22106	0.351398	0.700507	-1.42754	0.375659	0.713586	-1.40137	0.349385	1.42979	1.42979	0.328612	1.45387	1.45387	0.11164	1.90231	1.90231	0.306911	1.48079	1.48079	0.344317	0.696609	-1.43553	1.63084	3.55791	1.93923	1
cg14090389	ST18	0.251119	0.352535	1.29647	1.29647	0.968673	1.01072	1.01072	0.577948	0.858522	-1.16479	0.271124	1.36471	1.36471	0.457349	1.22804	1.22804	0.0141182	2.27523	2.27523	0.149018	1.52196	1.52196	0.674002	0.89152	-1.12168	0.814219	1.06597	1.06597	1.63083	1.90253	1.03698	1
cg27340584	MCHR2;MCHR2	0.25112	0.75057	1.15474	1.15474	0.335768	1.56482	1.56482	0.0589286	0.382033	-2.61758	0.469907	1.39326	1.39326	0.436067	0.698753	-1.43112	0.0967886	2.27587	2.27587	0.999152	0.99952	-1.00048	0.245588	0.578181	-1.72956	0.360178	0.654171	-1.52865	1.63083	5.25645	2.86504	1
cg27638035	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.251122	0.375694	1.8545	1.8545	0.0140375	7.84765	7.84765	0.0625051	4.15428	4.15428	0.503804	1.58545	1.58545	0.329173	1.98205	1.98205	0.254903	2.24237	2.24237	0.594088	1.44111	1.44111	0.321488	2.00532	2.00532	0.892856	1.09587	1.09587	1.63082	11.9198	6.49693	1
cg25679475	IGSF11;IGSF11	0.251122	0.770597	1.14819	1.14819	0.395148	1.5092	1.5092	0.572611	0.763806	-1.30923	0.103737	2.3183	2.3183	0.984825	0.991052	-1.00903	0.173305	1.98327	1.98327	0.0420388	3.02584	3.02584	0.0603116	2.72167	2.72167	0.720679	1.18492	1.18492	1.63082	5.76885	3.14435	1
cg19304150	SYT6;SYT6	0.251124	0.106801	1.33114	1.33114	0.606411	1.08809	1.08809	0.312644	1.18491	1.18491	0.930121	1.01435	1.01435	0.182473	1.25841	1.25841	0.0643676	0.713486	-1.40157	0.242902	1.2196	1.2196	0.653772	0.929282	-1.0761	0.537924	0.903647	-1.10663	1.63082	0.681629	0.371527	1
cg23957188	BCAS2	0.251126	0.0301725	0.610438	-1.63817	0.168283	0.752559	-1.3288	0.801637	1.04995	1.04995	0.628662	1.09895	1.09895	0.443515	0.85962	-1.16331	0.899388	0.975806	-1.02479	0.352182	1.20367	1.20367	0.351332	0.830506	-1.20409	0.244615	1.26576	1.26576	1.63081	0.96827	0.527766	1
ch.10.2006653f	HELLS	0.251127	0.066551	0.385705	-2.59265	0.412311	0.678308	-1.47426	0.129322	0.468178	-2.13594	0.165608	0.50422	-1.98326	0.0387794	0.330195	-3.02851	0.0789417	0.405207	-2.46788	0.382975	0.660813	-1.51329	0.272336	0.589146	-1.69737	0.471601	0.712421	-1.40366	1.6308	5.53833	3.01873	1
cg16108726	SHANK2	0.251127	0.198944	1.2665	1.2665	0.695839	0.933902	-1.07078	0.018738	0.609076	-1.64183	0.346154	1.18396	1.18396	0.444973	1.14514	1.14514	0.691705	0.932978	-1.07184	0.951381	1.01067	1.01067	0.536394	1.11513	1.11513	0.643569	1.08448	1.08448	1.6308	0.782472	0.426496	1
cg22549437	RNF144B	0.251129	0.787507	1.07988	1.07988	0.05332	0.535586	-1.86711	0.736383	1.10088	1.10088	0.324893	1.33531	1.33531	0.127242	1.59859	1.59859	0.537376	0.83724	-1.1944	0.129197	1.59415	1.59415	0.914487	1.03102	1.03102	0.423971	0.792728	-1.26147	1.6308	2.0897	1.13902	1
cg05114334	TPST1	0.25113	0.0280852	0.601912	-1.66137	0.690578	1.08145	1.08145	0.528641	0.882563	-1.13306	0.166724	1.33446	1.33446	0.350665	0.828623	-1.20682	0.586668	0.898139	-1.11341	0.957656	0.989663	-1.01045	0.210309	1.29478	1.29478	0.654166	0.915537	-1.09226	1.63079	0.98917	0.539163	1
cg23284476	ZNHIT1	0.251136	0.708614	1.06752	1.06752	0.421587	0.866852	-1.1536	0.0190831	0.610321	-1.63848	0.633876	1.0871	1.0871	0.0954776	0.727047	-1.37543	0.609857	1.0937	1.0937	0.342941	0.843624	-1.18536	0.828073	1.03858	1.03858	0.976986	1.00503	1.00503	1.63077	0.782355	0.426441	1
cg20135243	PTK2B;PTK2B;PTK2B;PTK2B	0.251137	0.105849	0.225131	-4.44186	0.977856	1.02371	1.02371	0.841485	1.18415	1.18415	0.259004	0.37007	-2.70219	0.0945346	0.211972	-4.7176	0.328528	0.426863	-2.34267	0.0334315	0.122719	-8.14867	0.134598	0.256213	-3.903	0.893111	0.89272	-1.12017	1.63077	18.4033	10.0312	1
cg25946320	ZNF749	0.25114	0.360186	0.840361	-1.18996	0.990985	1.00209	1.00209	0.250269	1.24873	1.24873	0.146559	0.749685	-1.33389	0.358141	0.839703	-1.1909	0.303926	1.21757	1.21757	0.35792	0.839632	-1.191	0.043087	0.650307	-1.53774	0.346449	0.835894	-1.19632	1.63075	0.882841	0.481218	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1-vs-1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg09905971	CXCR1	0.251142	0.175063	1.41742	-2.39567	1.353877	0.559701	-1.78657	0.30522	0.525639	1.90244	0.222221	0.459738	-2.17515	0.159405	0.402174	-2.48649	0.316249	0.533841	-1.87322	0.0121163	0.219089	-4.55436	0.0398871	0.234469	-4.26496	0.394657	0.589713	-1.69574	1.63075	9.47734	5.16592	1
cg04309299	OSBP	0.251144	0.362832	0.65759	-1.52071	0.0439534	2.82245	2.82245	0.142295	2.10834	2.10834	0.868965	0.928672	-1.07681	0.105749	2.20772	2.20772	0.307894	0.623107	-1.60486	0.828869	1.10188	1.10188	0.819663	1.10777	1.10777	0.814281	1.11123	1.63074	5.18805	2.82792	1
cg10381055	TBCD	0.251146	0.163662	0.558725	-1.78979	0.0725632	0.456325	-2.19142	0.0698258	0.45206	-2.21209	0.827659	0.08913	1.08913	0.066267	0.446328	-2.2405	0.216237	0.600733	-1.66463	0.64745	0.8350514	-1.19759	0.3596273	0.691563	-1.446	0.138725	0.535732	-1.8666	1.63073	3.96063	2.15888	1
cg08009622	CDL12A1;CDL12A1	0.251151	0.303577	3.6838	3.6838	0.0573116	3.41636	3.41636	0.767928	1.43379	1.43379	0.159758	0.344235	0.344235	0.424802	0.306925	1.705537	0.661631	1.584768	-1.71008	0.1010077	0.17599	0.17599	0.0010655	0.10518	0.10518	0.580657	1.970417	1.97421	1.68844	38.7809	17.8644	1
cg18371475	IRX2;IRX2;C5orf38;IRX2;IRX2	0.251152	0.0342661	3.53172	3.53172	0.867015	0.917945	-1.08939	0.193866	2.25129	2.25129	0.466761	1.45985	1.45985	0.573428	1.73726	1.73726	0.122695	2.35006	2.35006	0.602471	0.764558	-1.30795	0.189268	2.03486	2.03486	0.122709	2.34998	2.34998	0.173601	6.74041	3.67415	1
cg24536660	ABI2	0.251159	0.0626642	0.703065	-1.42234	0.2000039	1.25569	1.25569	0.347771	1.7655	1.17655	0.141232	0.766363	-1.30494	0.824099	1.03815	1.03815	0.153484	1.29309	1.29309	0.628995	1.08532	1.08532	0.715117	0.940212	-1.06359	0.04957	0.989419	-2.01069	1.63068	0.7305	0.398197	1
cg10261958	SPRED1	0.251162	0.737109	1.06894	1.06894	0.8990075	0.975203	-1.02543	0.260688	1.26131	1.26131	0.573751	0.893614	-1.11905	0.578506	1.11746	1.11746	0.273427	0.798077	-1.25301	0.444462	0.857041	-1.16681	0.0193093	1.63766	1.63766	0.117866	1.39941	1.39941	1.63067	1.01139	0.551314	1
cg01009585	C6orf89	0.251165	0.101487	2.67952	2.67952	0.2809098	4.62409	4.62409	0.216435	2.82084	2.82084	0.30069	1.80311	1.80311	0.091586	2.7602	2.7602	0.275166	1.86554	1.86554	0.88691	1.08203	1.08203	0.6494613	1.53477	1.53477	0.215351	2.04803	2.04803	1.63066	7.80403	4.25405	1
cg25754228	DPAGT1	0.251169	0.0284904	3.58151	3.58151	0.2293598	0.4543203	1.0225	0.301675	5.58972	1.69572	0.524702	0.227502	-3.37457	0.374482	2.57317	-1.56814	0.544863	1.390017	-1.35315	0.257249	0.557931	-1.79234	0.199182	0.51196	-1.95328	0.705625	1.20597	1.63067	6.29032	3.42894	1
cg25198579	SMAD3	0.251171	0.782826	0.943178	-1.06025	0.702677	0.92201	-1.08459	0.188588	1.34304	1.34304	0.505459	0.8667	-1.1538	0.399832	1.20019	1.20019	0.196031	1.33573	1.33573	0.0913731	1.48235	1.48235	0.111015	0.692397	-1.44426	0.374952	0.824645	-1.21264	1.63064	1.15767	0.631068	1
cg25514674	ERBB3;ERBB3	0.251175	0.609945	0.92226	0.92226	0.9079564	1.178	1.178	0.107953	1.34823	1.34823	0.190483	1.05178	1.05178	0.144794	1.25602	1.25602	0.458408	1.12561	1.12561	0.3911966	1.28762	1.28762	0.2206621	0.781956	1.24562	1.24562	0.156244	1.25123	1.25123	1.63063	0.5720008	0.319814	1
cg12637615	TCF12;TCF12;TCF12;TCF12	0.251178	0.103468	0.484955	-2.06205	0.557471	0.785769	-1.27264	0.210144	0.6904485	-1.47033	0.499488	1.32125	1.32125	0.310673	0.652927	-1.53156	0.659961	1.21823	1.21823	0.125802	0.510073	-1.9605	0.0409488	0.08527	0.08527	0.768854	0.887135	-1.12722	1.63062	4.26507	2.32499	1
cg16196294	PMPCB	0.251182	0.0984805	0.697192	-1.43433	0.315709	0.81346	-1.22932	0.709173	1.07743	1.07743	0.96384	1.00907	1.00907	0.879679	1.03961	1.03961	0.535936	0.682639	-1.46509	0.364542	0.966583	-1.03457	0.0523367	1.55145	1.55145	0.133167	1.38056	1.38056	1.6306	1.0233	0.557833	1
cg22077262	P6/CPGC;C1orf105	0.251183	0.268203	1.47026	1.47026	0.279693	0.6868844	-1.45456	0.0628	-1.45456	0.0628	0.515845	0.8258	-1.21097	0.0880005	-1.0204	0.155678	1.25247	1.17576	1.17576	0.0779706	1.14301	1.14584	1.14584	0.988798	0.988090	0.988090	0.988090	0.988090	0.988090	1.63061	0.0000000	0.000000	1
cg24560688	TNXB	0.251185	0.113124	0.293828	-3.40335	0.0999302	0.759043	-1.31745	0.851426	0.875305	-1.14246	0.134276	0.317598	-3.14863	0.0732182	0.241937	-4.13331	0.888254	0.90496	-1.10502	0.648655	0.201994	-4.95024	0.0982603	0.255688	-3.91102	0.457276	0.58409	-1.71207	1.63059	13.0296	7.10288	1
cg08385801	C17orf96;C17orf96	0.251189	0.200696	0.551875	-1.81201	0.0906068	2.44659	2.44659	0.154283	2.12895	2.12895	0.114241	1.12895	1.12895	0.179968	1.17973	1.17973	0.224002	1.7539	1.7539	0.265256	1.72609	1.72609	0.957518	1.0535	1.0535	0.868829	0.992766	-1.00729	1.63057	4.99571	2.72335	1
cg07501462	LY6GGF	0.25119	0.458451	1.90745	1.90745	0.519572	0.572109	-1.74792	0.664722	1.45208	1.45208	0.408746	0.485424	-2.06005	0.0258664	0.104047	-9.61106	0.883866	0.882476	-1.13318	0.0596359	0.16232	-6.16066	0.296695	0.396338	-2.5231	0.459828	0.525336	-1.90354	1.63057	18.8951	10.3005	1
ch.9.11171144	HNRNPK;HNRNPK;HNRNPK	0.251197	0.15254	0.70197	-1.41804	0.585405	0.882004	-1.13378	0.549905	0.871195	-1.14785	0.0550283	0.609028	-1.64196	0.77998	0.938162	-1.06591	0.28828	0.7779	-1.28568	0.356912	0.805753	-1.24107	0.113432	1.48087	1.48087	0.415269	1.20901	1.20901	1.63054	1.34171	0.731432	1
cg05004006	CCDC55;MIR423	0.251201	0.108579	0.470636	-2.12434	0.3296278	0.648458	-1.54212	0.987358	1.00685	1.00685	0.532184	0.7568828	-1.3213	0.0183879	0.291758	-3.42721	0.610007	0.801309	-1.24796	0.136754	0.550455	-1.9942	0.255996	0.600148	-1.66626	0.156928	0.523067	-1.91914	1.63053	4.78814	2.61027	1
cg14360268	C17orf62;C17orf62;C17orf62	0.251202	0.111467	0.525995	-1.90116	0.237368	1.58207	1.58207	0.126105	1.84656	1.84656	0.418902	0.736324	-1.3581	0.36644	0.709032	-1.41037	0.246428	0.638146	-1.56704	0.166646	0.578986	-1.72716	0.343453	0.69651	-1.43573	0.622369	0.831966	-1.20197	1.63053	3.54653	1.93341	1
cg27104425	PDDN	0.251204	0.697939	1.76963	1.76963	0.565795	1.03812	1.03812	0.816496	1.17005	1.17005	0.14574	1.00906	1.00906	0.992438	1.00818	1.00818	0.263728	1.26351	1.26351	0.210552	1.17911	1.17911	0.3253	0.850178	1.18877	1.18877	0.156553	0.931763	1.08389	1.03189	0.932996	0.532779	1
cg10446143	PKNOX1;PKNOX1	0.251206	0.340188	0.897869	-1.11375	0.910899	0.987806	-1.01234	0.816486	0.974845	-1.0258	0.910335	1.01242	1.01242	0.601502	0.927992	-1.0776	0.658485	0.952417	-1.04996	0.202028	0.735729	-1.3592	0.313841	0.892112	-1.12094	0.117558	1.20478	1.20478	1.63051	0.310183	0.169099	1
cg19675644	ESR2;ESR2;ESR2;ESR2;ESR2	0.251207	0.6881811	1.16884	1.16884	0.7968897	0.715155	-1.39838	0.824683	1.21283	1.21283	0.47172	1.2683	1.2683	0.0471885	2.40553	2.40553	0.380784	1.09035	1.09035	0.5623224	0.9199196	1.08703	1.0031	0.324766	0.960666	0.985603	-1.01453	0.0268678	0.468325	2.19572	1.22182	1
cg05171367	HIP1;HIP1	0.251207	0.644906	0.920105	-1.08683	0.0716821	1.43456	1.43456	0.473527	1.1975	1.1975	0.372034	0.848356	-1.17875	0.947606	0.988277	1.01186	0.857338	1.03281	1.03281	0.0730714	0.698578	-1.43148	0.219919	1.26043	1.26043	0.27696	1.22494	1.22494	1.63051	0.831452	0.453276	1
cg01147367	MTMR6	0.251227	0.484904	0.790708	-1.26469	0.0488098	2.10528	2.10528	0.126412	1.72818	1.72818	0.541651	0.865925	-1.15483	0.645532	0.857921	-1.16561	0.528811	1.23505	1.23505	0.688671	1.14254	1.14254	0.540936	1.22726	1.22726	0.052567	2.07345	2.07345	1.63043	2.8268	1.54113	1
cg16722816	EML1;EML1	0.251231	0.0162494	0.544006	-1.83796	0.0206828	0.845383	-1.18293	0.260072	3.84966	1.70798	0.169715	0.490724	-2.03866	0.0242479	0.14958	-6.68403	0.419958	0.712302	-1.40358	0.227202	2.60716	2.60716	0.0855212	-1.6313	1.63136	0.3223247	0.476522	1.24642	1.63042	1.64068	0.66909	1
cg10082270	FBXO31;MAP1LC3B	0.251238	0.091842	0.632596	-1.58079	0.798333	1.06675	1.06675	0.313812	1.29308	1.29308	0.0616453	0.594895	-1.68097	0.504325	0.84605	-1.18196	0.0600787	0.59255	-1.68762	0.427827	0.818944	-1.22108	0.982325	1.00548	1.00548	0.545987	0.8600449	-1.16272	1.63039	1.57196	0.857033	1
cg13372456	GAUT10	0.251242	0.260872	2.60313	2.60313	0.1555442	1.93555	1.93555	0.337364	2.24625	2.24625	0.226051	2.24625	2.24625	0.226051	2.24625	2.24625	0.0454004	6.48376	6.48376	0.0725573	1.3369	1.3369	1.3369	0.0454004	6.48376	6.48376	0.0725573	1.3369	1.3369	1.63042	0.0000000	0.000000	1
cg17012154	TTSJ2	0.251244	0.042294	0.566092	-1.7665	0.0995942	0.644634	-1.55127	0.243986	1.34519	1.34519	0.496444	0.845371	-1.18291	0.669937	0.900033	1.11107	0.932773	0.976685	-1.02074	0.916602	1.39393	1.39393	0.594513	0.877482	-1.13962	0.767481	0.930411	1.07479	1.63037	1.52807	0.833112	1
cg13412866	CABLES1;CABLES1	0.251247	0.342146	1.20799	1.20799	0.149177	0.741832	-1.34801	0.25545	0.795151	-1.25762	0.422836	0.8538	-1.17123	0.783736	0.948271	-1.05455	0.305466	0.814758	-1.22736	0.675394	0.921909	-1.08471	0.0356217	0.623639	-1.60349	0.262808	1.25282	1.25282	1.63036	0.962451	0.524738	1
cg21197232	LMBRD1	0.251249	0.153338	0.787827	-1.26991	0.22139	1.25349	1.25349	0.654861	1.07109	1.07109	0.0812122	0.816496	1.17005	1.17005	0.14574	1.00906	1.00906	0.992438	1.00818	1.00818	1.0719	1.0719	0.2756117	1.20253	1.20253	0.31415	0.852052	0.59392	-1.68317	0.0759208	0.323279	1
cg10446143	PKNOX1;PKNOX1	0.251256	0.340188	0.897869	-1.11375	0.910899	0.987806	-1.01234	0.816486	0.974845	-1.0258	0.910335	1.01242	1.01242	0.601502	0.927992	-1.0776	0.658485	0.952417	-1.04996	0.202028	0.735729	-1.3592	0.313841	0.892112	-1.12094	0.117558	1.20478	1.20478	1.63051	0.310183	0.169099	1
cg19675644	ESR2;ESR2;ESR2;ESR2;ESR2	0.251207	0.6881811	1.16884	1.16884	0.7968897	0.715155	-1.39838	0.824683	1.21283	1.21283	0.47172	1.2683	1.2683	0.0471885	2.40553	2.40553	0.380784	1.09035	1.09035	0.5623224	0.9199196	1.08703	1.0031	0.324766	0.960666	0.985603	-1.01453	0.0268678	0.468325	2.19572	1.22182	1
cg05171367	HIP1;HIP1	0.251207	0.644906	0.920105	-1.08683	0.0716821	1.43456	1.43456	0.473527	1.1975	1.1975	0.372034	0.848356	-1.17875	0.947606	0.988277	1.01186	0.857338	1.03281	1.03281	0.0730714	0.698578	-1.43148	0.219919	1.26043	1.26043	0.27696	1.22494	1.22494	1.63051	0.831452	0.453276	1
cg01147367	MTMR6	0.251227	0.484904	0.790708	-1.26469	0.0488098	2.10528	2.10528	0.126412	1.72818	1.72818	0.541651	0.865925	-1.15483	0.645532	0.857921	-1.16561	0.528811	1.23505	1.23505	0.688671	1.14254	1.14254	0.540936	1.22726	1.22726	0.052567	2.07345	2.07345	1.63043	2.8268	1.54113	1
cg16722816	EML1;EML1	0.251231	0.0162494	0.544006	-1.83796	0.0206828	0.845383	-1.18293	0.260072	3.84966	1.70798	0.169715	0.490724	-2.03866	0.0242479	0.14958	-6.68403	0.419958	0.712302	-1.40358	0.227202	2.60716	2.60716	0.0855212	-1.6313	1.63136	0.3223247	0.476522	1.24642	1.63042	1.64068	0.66909	1
cg10082270	FBXO31;MAP1LC3B	0.251238	0.091842	0.632596	-1.58079	0.798333	1.06675	1.06675	0.313812	1.29308	1.29308	0.0616453	0.594895	-1.68097	0.504325	0.84605	-1.18196	0.0600787	0.59255	-1.68762	0.427827	0.818944	-1.22108	0.982325	1.00548	1.00548	0.545987	0.8600449	-1.16272	1.63039	1.57196	0.857033	1
cg13372456	GAUT10	0.251242	0.260872	2.60313	2.60313	0.1555442	1.93555	1.93555	0.337364	2.24625	2.24625	0.226051	2.24625	2.24625	0.226051	2.24625	2.24625	0.0454004	6.48376	6.48376	0.0725573	1.3369	1.3369	1.3369	0.0454004	6.48376	6.48376	0.0725573	1.3369	1.3369	1.63042	0.0000000	0.000000	1
cg17012154	TTSJ2	0.251244	0.042294	0.566092	-1.7665	0.0995942	0.644634	-1.55127	0.243986	1.34519	1.34519	0.496444	0.845371	-1.18291	0.669937	0.900033	1.11107	0.932773	0.976685	-1.02074	0.916602	1.39393	1.39393	0.594513	0.877482	-1.13962	0.767481	0.930411	1.07479	1.63037	1.52807	0.833112	1
cg13412866	CABLES1;CABLES1	0.251247	0.342146	1.20799	1.20799	0.149177	0.741832	-1.34801	0.25545	0.795151	-1.25762	0.422836	0.8538	-1.17123	0.783736	0.948271	-1.05455	0.305466	0.814758	-1.22736	0.675394	0.921909	-1.08471	0.0356217	0.623639	-1.60349	0.262808	1.25282	1.25282	1.63036	0.962451	0.524738	1
cg21197232	LMBRD1	0.251249	0.153338	0.787827	-1.26991	0.22139	1.25349	1.25349	0.654861	1.07109	1.07109	0.0812122	0.816496	1.17005	1.17005	0.14574	1.00906	1.00906	0.992438	1.00818	1.00818	1.0719	1.0719	0.2756117	1.20253	1.20253	0.31415	0.852052	0.59392	-1.68317	0.0759208	0.323279	1
cg02468417	UNC37	0.251253	0.413494	1.13895	1.13895	0.8812511	0.977005	-1.02354	0.417502	1.13759	1.13759	0.50326	0.88968	-1.11151	0.241971	0.826473	1.20996	0.748865	1.20627	1.20627	0.097392	0.753458	-1.32721	0.324866	1.17142	1.17142	0.0921726	1.33439	1.33439	1.63033	0.623547	0.340953	1
cg25019961	GSR	0.251254	0.0259366	0.672792	-1.3723	0.0437955	0.921355	-1.08531	0.173172	1.68407	1.29259	0.0615744	0.792598	-1.26167	0.0992944	1.32791	-1.26167	0.0992944	1.32791	0.416559	0.752174	0.9134648	1.07284	0.7315373	0.677977	0.7315373	0.677977	0.7315373	0.677977	0.7315373	0.677977	-1.40985	0.1511551	0.803465	1.63033	0.7818	0.2327	1
cg20643768	TMEM14C;TMEM14C	0.251261	0.0461779	0.723924	-1.38136	0.1664838	1.23203	1.23203	0.430391	0.892414	-1.12056	0.621162	1.07498	1.07498	0.430349	1.12057	1.12057	0.265506	0.848659	-1.17833	0.233954	1.19299	1.19299	0.460159	1.11221	1.11221	0.996707	0.999417	1.00058	1.63031	0.516412	0.281562	1
cg10218426	CKAP2;CKAP2	0.251262	0.315493	0.859712	-1.16318	0.508484	0.869499	-1.15009	0.147852	1.25373	1.25373	0.149615	1.25231	1.25231	0.236069	0.834575	-1.19821	0.953427	1.08054	1.08054	0.526331	1.09802	1.09802	0.0803276	0.753868	-1.32649	0.958094	0.992485	-1.00757	1.6303	0.547695	0.29861	1
cg24702798	F2R	0.251266	0.340328	0.897869	-1.11375	0.910899	0.987806	-1.01234	0.816486	0.974845	-1.0258	0.910335	1.01242	1.01242	0.601502	0.927992	-1.0776	0.657737	0.952417	-1.04996	0.202028	0.735729	-1.3592	0.313841	0.892112	-1.12094	0.117558	1.20478	1.20478	1.63051	0.310183	0.169099	1
cg01358620	HEATR5A	0.251267	0.268352	1.73533	1.73533	0.772535	0.1477	1.1477	0.986094	0.991754	-1.00832	0.358156	1.56969	1.56969	0.57061	1.31359	1.31359	0.168164	2.02323	2.02323	0.0256667	3.64813	3.64813	0.0456186	3.04264	3.04264	0.223245	1.84535	1.63057	5.90784	2.7222	1
cg06121900	HDAC4	0.251267	0.387886	1.12417	1.12417	0.6135	0.8214	1.2174	0.0880005	-1.0204	0.155678	1.25247	1.17576	1.17576	0.0779706	1.14301	1.14584	1.14584	0.988798	0.988090	0.988090	0.988090	0.988090	0.988090	1.63061	0.0000000	0.000000	1				
cg26739410	FAM47C	0.251273	0.562725	0.65231	-1.52618	0.925169	0.93482	-1.07023	0.887074	0.90244	-1.10811	0.458816	0.897905	-1.11398	0.657839	-1.72452	0.237108	0.142177	-7.03349	0.114301	0.54584	1.44584	0.988798	0.988090	0.988090	0.988090	0.988090	0.988090	0.988090	0.988090	1.63058	0.000000	0.000000	1
cg25984671	TCF15	0.251274	0.914748	0.961377	-1.04017	0.316031	1.4642	1.4642	0.662241	0.850715	-1.17548	0.141832	1.78779	1.78779	0.0661141	0.46848	-2.13456	0.690651	0.863172	-1.15852	0.111015	0.528011	-1.89389	0.953706	0.978872	-1.02158	0.191601	0.601386	-1.66282	1.63026	3.49339	1.90475	1
cg20045882	ZFP36L1	0.251275	0.2462605	1.51564	1.51564	0.4018646	1.12551	1.12551	0.7875161	0.8829	1.13264	0.2995604	0.5797872	-1.72642	0.0250115	0.422015	-2.36917	0.165472	2.04153	2.04153	0.0888418	0.134705	-7.42363	0.0725705	0.130578	1.30578	1.30578	0.595947	0.666682	-1.49997	1.63025	34.8127	20.0766	1
cg03872433	IQCD;TPCN1;TPCN1	0.251275	0.676739	0.955771	-1.04628	0.685774	0.957064	-1.04486	0.679136	1.0459	1.0459	0.125525	0.836206	-1.19588	0.6610201	1.25583	1.25583	0.199725	1.15739	1.15739	0.603977	1.05808	1.05808	0.688283	0.954556	-1.04761	0.149413	0.846388	-1.18149	1.63025	0.3005557	0.163877	1
cg00103832	CD200;CD200	0.251276	0.263876	0.638295	-1.56648	0.2408289	0.72657	-1.37457	0.144158	0.8273	-1.20873	0.3209	0.5733	-1.74443	0.0600372	0.69758	-1.43402	0.690651	1.11805	1.11805	0.309204	0.723346	-1.38255	0.0410645	0.690651	1.11805	1.11805	0.309204	0.723346	-1.38255	0.0410645	0.690651	1.11805	1.11805	0.309204	0.723346	-1.38255	0.0410645	1.63024	0.7186086	0.4410755	0.3099	1
cg21593606	SMURF1;SMURF1	0.251278	0.19836	2.1148	2.1148	0.529884	2.41995	2.41995	0.804638	0.872366	-1.14631	0.194296	2.13097	2.13097	0.997286	0.998128	-1.00188	0.45742	1.51732	1.51732	0.0168934	4.98153	4.98153	0.137209	2.41577	2.41577	0.196834	2.12082	2.12082	1.63024	7.83702	4.27362	1
cg19150561	SHANK2;SHANK2	0.251279	0.611751	1.24678	1.24678	0.5074247	2.20202	2.20202	0.0887	2.33887	2.33887	0.0904237	2.3815	2.3815	0.0834698	0.6645541	-1.50707	0.165472	1.69887	1.69887	0.1454967	2.08589	2.08589	0.0870982	1.14276	1.14276	0.5424	1.75345	1.63023	3.54859	0.64519	0.3	1
cg20494945	TBX4	0.251661	0.12468	2.2428	2.2428	0.51047	1.36392	1.36392	0.199305	1.43794	1.43794	0.2559	1.57439	-1.89736	0.255995	0.57539	1.73745	0.092373	0.422791	-2.36524	0.12601	0.158458	1.15548	1.73562	0.836216	0.85461	-1.17012	1.63024	1.57508	0.31981	1
cg18126943	RGL1	0.251281	0.831083	1.04258	1.04258	0.499868	1.14303	1.14303	0.969294	1.00754	1.00754	0.0786272	0.682986	-1.46416	0.0536322	1.53384	1.53384	0.508484	0.877277	-1.13989	0.261376	1.25688	1.25688	0.330297	0.821938	-1.21664	0.465968	1.15583	1.15583	1.63023	0.983754	0.536395	1
cg12487464	THRA;THRA AP2B1;A2BP1;A2BP1;A2BP1;A2B P1	0.251283	0.342624	1.82861	1.82861	0.4560134	0.863158	1.15758	0.857356	1.15758	0.857356	0.611379	1.19587	1.19587	0.0844667	0.834157	-1.19885	0.0844667	0.834157	-1.19885	0.0844667	0.834157	-1.19885

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg06620707	ZC3H4	0.2515605	0.994202	-1.00383	0.02354647	4.04661	4.04661	0.96251	1.02459	1.02459	0.616017	1.29576	1.29576	0.919995	1.0533	1.0533	0.3314401	1.67864	1.67864	0.924082	1.0505	1.0505	0.1145301	2.42846	2.42846	0.055422	1.07162	1.62803	6.89281	3.76109	1
cg24372550	EPHA4	0.25161	0.783828	1.04358	0.827181	1.1045	1.1045	0.8893107	0.747814	-1.13723	0.666444	0.934949	-1.06958	0.427465	1.43588	1.43588	0.9024686	0.981167	-1.01919	0.267584	0.835979	-1.1962	0.517671	0.903267	-1.10709	0.26356	1.19815	1.19815	1.62901	0.62073	0.338708	1
cg10272498	CDBA	0.2515614	0.4009909	0.866123	-1.15457	0.080512	1.39182	1.39182	0.12096	1.33216	1.33216	0.85321	0.968905	-1.03209	0.308491	1.19694	1.19694	0.1964686	1.26228	1.26228	0.13057	0.756949	-1.32109	0.881948	0.974975	-1.02567	0.949995	1.01075	1.01075	1.629	0.750439	0.409489	1
cg13639016	MLANA	0.2515616	0.116454	0.705678	-1.41708	0.751282	1.06714	1.06714	0.977248	1.00755	1.00755	1.007716	0.3357008	1.8163388	-1.22491	0.717208	0.928364	-1.07716	0.3081717	0.806104	-1.24059	0.0280747	1.69919	1.69919	0.437148	0.850456	-1.17584	0.790816	0.947122	-1.05583	1.62899	1.07744	0.587926	1
cg14109847	MSI2;MSI2	0.2515616	0.783631	1.14164	1.14164	1.0826	2.32386	2.32386	0.555859	1.33203	1.33203	0.413446	1.49537	1.49537	0.553858	0.348742	-2.86745	0.3665537	1.56274	1.56274	0.867912	0.92302	-1.0834	0.480582	1.41208	1.41208	0.178611	0.498224	-2.00717	1.62899	5.97527	3.26052	1
cg15830615	ATP2A2;ATP2A2;ATP2A2	0.2515618	0.1224525	0.692136	-1.44648	0.960772	0.989176	-1.01094	0.992836	1.50554	1.50554	0.08407	2.6553137	1.56264	1.382531	0.820422	-1.21915	0.2990234	0.786822	-1.27094	0.182124	1.731003	-1.36798	0.425923	0.835363	-1.19708	0.628755	0.897812	-1.11382	1.62898	1.26305	0.689209	1
cg15990216	ALB	0.2515621	0.0878724	0.260056	-3.84533	0.41353	1.81795	1.81795	0.54213	0.6432255	-1.55459	0.601052	0.685759	-1.45824	0.0472458	0.197258	-5.06952	0.164599	0.3464	-2.88683	0.227478	0.4041588	-2.4741	0.423407	1.7943	1.7943	0.87539	1.11874	1.11874	1.62897	13.1896	7.19723	1
cg05693740	ANAPC7;ANAPC7	0.2515691	0.159651	0.677773	-1.47542	0.585839	0.950567	-1.00435	0.800218	1.06401	1.06401	0.0520409	1.582296	-1.71734	0.462689	1.24021	1.20071	0.1241172	1.50283	1.50283	0.110483	0.912808	-1.09552	0.961547	0.882273	-1.03187	0.248716	1.34013	1.34013	1.62894	1.54441	0.842564	1
cg08938669	C7orf41	0.2515635	0.573813	0.940953	-1.10632	0.0472337	1.49626	1.49626	0.0734294	0.9413355	-1.0623	0.82663	1.038899	1.010899	0.3736376	0.8503159	-1.17597	0.9316319	0.984883	-1.01535	0.545404	0.837525	-1.14479	0.190296	1.27913	1.27913	0.07363593	1.4247	1.4247	1.62892	0.8127711	0.44349	1
cg11058865	TSC1	0.2515636	0.0388149	0.555621	-1.79979	0.154315	1.45436	1.45436	0.508698	0.8481159	-1.17902	0.931056	0.978968	-1.02148	0.0727744	0.61159	-1.63508	0.555019	1.15796	1.15796	0.956668	0.986741	-1.01344	0.879123	1.03809	1.03809	0.801521	0.940001	-1.06383	1.62892	1.55673	0.849498	1
cg25342397	ADCK4;ITPKC	0.2515636	0.610414	1.11951	1.11852	1.0826	1.84464	1.84464	0.0678034	1.53793	1.53793	0.142686	1.0755108	1.0755108	0.2135554	0.8013154	-1.24813	0.2448853	1.07822	1.07822	0.541124	0.855018	-1.16957	0.378244	1.10254	1.10254	0.67312	1.00942	1.00942	1.62892	1.07371	0.585915	1
cg01518681	AKR1C2;AKR1C2	0.2515636	0.100282	0.283441	-3.52807	0.0979501	0.208511	-3.56493	0.0218971	0.145778	-6.85793	0.466632	0.580915	-1.72142	0.11872	0.305497	-3.27336	0.3898606	0.539536	-1.85344	0.454434	0.586533	-1.70493	0.238523	0.421298	-2.37361	0.571829	0.670299	-1.49187	1.62892	12.6483	6.90212	1
cg04117455	ZFYVE21	0.2515638	0.6440095	1.241949	1.24842	1.0826	0.9981114	1.01589	0.0003989	2.1905	2.1905	0.0600892	1.48155	1.34815	0.656725	1.10156	1.10156	0.2699113	1.66027	1.66027	0.315244	0.880318	1.80318	1.80318	0.183527	2.29411	0.2023997	0.798178	-1.25285	1.62891	8.93111	4.87487	1
cg06617136	ANKRD34A;POLR3GL	0.2515643	0.244171	1.39574	1.39574	0.908553	0.9690945	-1.03194	0.0183316	0.758735	-1.31798	0.67912	0.802409	-1.12056	0.509446	1.30097	1.30097	0.8518837	1.05248	1.05248	0.0353324	0.42889	-2.2579	0.943864	1.01946	1.01946	0.482127	1.21643	1.21643	1.62889	1.93185	1.05422	1
cg00525823	FAM38B	0.2515646	0.930852	0.94664	-1.05637	0.451276	0.615731	-1.62408	0.104567	0.325939	-3.06806	0.674273	1.30616	1.30616	0.4137248	0.6060269	-1.6499	0.381757	1.76263	1.76263	0.395634	0.577144	-1.73267	0.734739	0.806638	-1.23971	0.0331397	4.82465	4.82465	1.62888	10.2992	5.6201	1
cg23401624	DNMT1;DNMT1	0.2515647	0.214464	1.84244	1.84244	0.737411	1.25109	1.01589	0.0018089	2.9955	2.9955	0.060491	1.60049	1.04788	0.4939784	1.2579	1.25355	0.2539455	1.74634	1.74634	0.1142	0.872603	1.57224	1.57224	0.0543565	2.33884	0.0238453	0.829854	1.23574	1.53035	1.62888	6.54333	3.07797	1
cg04105282	CRTAC1	0.2515648	0.2889961	1.46376	1.46376	0.753223	1.11536	1.11536	0.479448	1.28257	1.28257	0.562435	0.816504	-1.22473	0.0793244	0.509537	-1.96257	0.5360737	0.80501	-1.24222	0.0316926	0.4181189	-2.39126	0.86651	1.05997	1.05997	0.692136	1.14771	1.14771	1.62887	3.09127	1.68693	1
cg06164185	TNFAIP1;IFT20;IFT20	0.2515649	0.7588326	1.29372	1.29372	0.115155	4.41509	4.41509	0.308323	2.99601	2.99601	0.156766	3.5082	0.618351	0.659544	-1.5162	0.799778	1.23444	1.23444	0.600369	1.54967	1.54967	0.0748742	0.193201	-5.17595	0.231415	0.353382	-2.8298	1.62887	17.7161	9.6678	1
cg03333101	MAST1	0.2515651	0.205548	0.649155	-1.54006	0.172723	1.60115	1.60115	0.991154	0.9964119	-1.00259	0.8636779	0.9944739	-1.00701	0.0446439	0.474377	-2.10803	0.5319368	1.22751	1.22751	0.134324	0.591121	-1.686	0.756554	1.10584	1.10584	0.358156	0.736594	-1.3576	1.62886	2.70039	1.47364	1
cg22118131	TBC1D28;TBC1D28	0.2515655	0.0321084	0.702694	-1.42309	0.243022	0.842227	-1.18733	0.668107	0.94118	-1.0625	0.0950811	0.772762	-1.29406	0.283058	1.16972	1.16972	0.79206	0.963545	-1.03783	0.981433	1.00328	1.00328	0.392762	1.13094	1.13094	0.94296	0.989093	-1.01011	1.62885	0.5095595	0.2780942	1
cg25029615	ZNF451;ZNF451	0.2515656	7	?	?	?	0.6340224	1.18363	0.122804	1.23829	1.23829	0.224929	1.49957	1.49957	0.127247	0.6313139	-1.60594	0.72361	0.900042	-1.11106	0.0485507	0.513336	-1.94804	0.392913	0.665395	-1.50132	0.753548	0.910813	-1.09792	1.62828	2.02275	1.23846	1
cg21809762	CWC15	0.25167	0.1524002	1.30316	1.30316	0.44611	1.14409	1.14409	0.708822	1.06694	1.06694	0.109469	1.35181	1.35181	0.320675	1.19392	1.19392	0.0312187	1.54754	1.54754	0.62971	0.870017	-1.1494	0.486766	0.885097	-1.12982	0.984713	1.00332	1.00332	1.62879	0.7697013	0.420053	1
cg08896053	SNTG1	0.2516757	0.9728359	1.03802	-1.0284	0.739891	0.9499889	1.06264	0.8631157	1.27105	1.27105	0.0466209	1.7009	1.33192	0.0509509	1.0148	1.0148	0.1263404	1.81606	1.81606	0.0129896	0.107743	1.06743	1.06743	0.936247	1.0099	1.0099	0.0760575	1.05333	1.05333	1.62864	0.299437	0.183865	1
cg27522235	KIF26B	0.2515671	0.562783	1.23821	1.23821	0.0117032	3.1591	3.1591	0.133352	1.80633	1.80633	0.905658	1.04425	1.04425	0.281383	1.50508	1.50508	0.307524	1.47071	1.47071	0.804608	1.09474	1.09474	0.310136	1.46744	1.46744	0.753359	0.891268	-1.122	1.62879	3.44016	1.87742	1
cg11302857	ZCCHC3	0.2515671	0.635935	1.23909	1.23909	0.265516	0.9393552	1.68477	0.295633	1.62833	1.62833	0.421507	1.4465	1.4465	0.284933	1.75008	1.75008	0.411469	1.45869	1.45869	0.0313727	0.321398	-3.1114	0.754527	0.868482	-1.15143	0.62594	0.801842	-1.24713	1.62879	5.21349	2.84519	1
cg03177231	TBX8P1	0.2515672	0.1636883	2.05631	2.05631	0.176358	1.1395	1.1395	7	?	?	?	0.0812666	1.2055215	-4.87293	0.712474	1.3128	1.3128	0.3168171	2.24868	2.24868	7	?	0.4305566	1.86461	1.86461	7	?	1.8852	10.6645	4.71412	1
cg19433769	ZFYVE28;ZFYVE28	0.2515675	0.0493493	0.261164	-3.82901	0.336132	0.557601	-1.7934	0.774651	0.845069	-1.18333	0.854568	0.898089	-1.11357	0.396868	1.66597	1.66597	0.1527783	0.403641	-2.47745	7	?	0.336308	1.79299	1.79299	0.322827	1.82508	1.82508	1.62894	8.00326	4.14384	1
cg05506045	CNO	0.2515677	7	?	?	?	0.6731611	1.73802	0.0145095	0.4007102	0.60494	-1.98097	0.2565152	2.07086	2.07086	7	?	7	?	0.0798922	0.176905	-5.65274	0.123396	0.2335752	-4.24174	0.98679	0.080704	-1.01316	2.006219	1.81866	3.82029	1.62893	11.8866	3.82029	1
cg03311768	TSTA3	0.2516678	0.253589	0.42031	-2.3792	0.373981	0.515086	-1.94142	0.611847	1.45065	1.45065	0.209269	0.6824341	-1.46535	0.446286	0.568722	-1.75833	0.5096669	0.614942	-1.62617	0.0303373	0.157121	-6.36444	0.0377568	0.173487	-5.76411	0.232261	0.40224	-2.48608	1.62876	13.6328	7.44002	1
cg04769705	C14orf181	0.2516687	0.581826	0.778444	-1.28461	0.430743	1.43639	1.43639	0.185663	1.88124	1.88124	0.502321	1.35876	1.35876	0.895478	1.06097	1.06097	0.1503597	0.851935	0.919253	-1.08784	0.0733396	2.45748	2.45748	0.0476512	0.360639	-2.77285	0.874282	0.931184	-1.0739	1.62873	5.23029	2.85447	1
cg01603178	EPN3	0.2516688	0.9655153	1.02849	-1.03493	0.849431	0.9499889	1.06264	0.8631157	1.27105	1.27105	0.0466209	1.7009	1.33192	0.0509509	1.0148	1.0148	0.1263404	1.81606	1.81606	0.0129896	0.107743	1.06743	1.06743	0.936247	1.0099	1.0099	0.0760575	1.05333	1.05333	1.62864	0.299437	0.183865	1
cg14854112	RAI14;RAI14;RAI14;RAI14;RAI14	0.2516697	0.0988641	0.245427	-4.07453	0.957043	1.00415	1.00415	0.117279	0.2669038	-3.74618	0.4313321	1.86545	1.86545	0.0357625	0.15006	-6.66402	0.811154	2.04021	1.20421	0.84454	1.01516	1.01516	0.463364	1.78506	1.78506	0.852724	0.865656	-1.15519	1.62869	15.5451	8.48403	1
cg10541813	C2orf68	0.2517051	0.1343581	0.451456	-2.21506	0.1416658	0.4591	-2.17818	0.839944	0.9051581	-1.10475	0.0481331	1.328667	-3.04259	0.0569163	0.345964	-2.89047	0.6063224	0.77408	-1.29186	0.325047	0.6061466	-1.64977	0.573371	1.32352	1.32352	0.886846	1.07266	1.62868	6.25992	3.4165	1
cg13765377	UPHN1	0.2517053	0.1562005	0.665912	-1.5018	0.326121	0.762038	-1.31227	0.103472	0.620436	-1.61177	0.170141	0.6765592	-1.47799	0.0807484	0.595046	-1.68054	0.852021	1.05133	1.05133	0.972106	0.890372	-1.00972	0.890098	0.963619	-1.03775	0.0407425	0.530899	-1.8836	1.62867	1.8533	1.01149	1
cg27024860	TRAK2;STRADB;STRADB	0.2517073	0.2081634	0.618021	-1.61809	0.139891	0.9499889	1.06264	0.8631157	1.27105	1.27105	0.0466209	1.7009	1.33192	0.0509509	1.0148	1.0148	0.1263404	1.81606	1.81606	0.0129896	0.107743	1.06743	1.06743	0.936247	1.0099	1.0099	0.0760575	1.05333	1.05333	1.62864	0.299437	0.183865	1
cg22270914	TMEM132C	0.2517074	0.80785	1.05012	1.05012	0.0876702	0.684966	-1.45993	0.521531	0.877738	-1.13929	0.76349	1.06244	1.06244	0.506932	1.1447	1.1447	0.307524	1.47071	1.47071	0.804608	1.09474	1.09474	0.310136	1.46744	1.46744	0.753359	0.891268	-1.122	1.62879	3.44016	1.87742	1
cg03189000	KLC2;KLC2;KLC2;KLC2	0.2517075	0.1338826	0.599668	-1.66752	0.238267	0.9639774	-1.06047	0.153388	0.7264	1.37647	0.7264	1.37647	0.625063	0.8557457	1.16854	1.16854	0.6307993	0.8570993	-1.16655	0.0477933	0.5596616	-1.78655	0.4486605	-1.1255	0.8960857	1.11602	0.5533369	0.8077153	1.62867	2.5978	1.408	1
cg25818882	HOOK2;HOOK2;HOOK2;HOOK2	0.2517076	0.814981	0.946862	-1.05612	0.186294	0.721535	-1.38593	0.85722	0.958918	-1.04284	0.863378	1.04093	1.04093	0.956876	0.65292	-1.53158	0.68125	0.98277	-1.10099	0.0163799	0.504878	-1.98068	0.876207	0.03698	-1.30698	0.0181379	1.12677	1.12677	1.62865	1.39954	0.763849	1
cg12687767	RIN2	0.2517172	0.543708	0.716522	-1.39563	0.0118822	0.182119	-5.4909	0.0918139	0.3654147	-2.7366	0.897635	1.0723	1.0723	0.473787	0.673587	-1.48459	0.5596662	0.726193	-1.37704	0.406418	0.630873	-1.58511	0.956925	0.971129	-1.02973	0.74124	1.19689	1.19689	1.62864	7.58777	4.1413	1
cg20708813	PHGDH	0.2517177	0.1298668	0.66752	-1.49822	0.369774	0.9639774	-1.06047	0.153388	0.7264	1.37647	0.7264	1.37647	0.625063	0.8557457	1.16854	1.16854	0.6307993	0.8570993	-1.16655	0.0477933	0.5596616	-1.78655	0.4486605	-1.1255	0.8960857	1.11602	0.5533369	0.8077153	1.62867	2.5978	1.408	1
cg22678073	ERFFI1	0.2517179	0.9891511	1.00536	1.00536	0.0938786	0.26265	-7.06265	0.262139	0.63105	-1.58466	0.964422	0.9826233	-1.01768	0.450146	1.35314	1.35314	0.0245721	2.86446	2.86446	0.0813611	0.100645	0.496767	1.3115	1.3115	0.248838	1.60598	1.60598	1.62862	3.9841	2.1745	1
cg09163508	FRMD4A	0.2517182	0.352722	0.73807	-1.35542	0.529747	0.5503	-1.82044	0.341255	1.20119	1.20119	0.5641477	0.7890353	-1.26725	0.2994	0.547684	-1.82647	0.3156327	0.49003	-2.04085	0.0155041	0.0298551	-3.34449	0.0139737	0.257157	0.07157	-13.9726	0.0266561	1.47261	1.47261	1.62862	0.0338801	0.0221774	1
cg24265969	FRC2	0.2517219	0.796458	1.15552	1.15552	0.10859	0.472837	-2.1149	0.250811	0.598394	-1.67114	0.195979	0.485399	-2.06016	0.116331	0.481747	-2.07578	0.9146095	0.955181	-1.04692	0.152981	1.92506	1.92506	0.64937	1.21638	1.21638	0.364318	0.670103	-1.49024	1.62861	4.72384	2.57825	1
cg18033628	RAI1	0.2517251	0.5061	0.811424	-1.2324	0.336288	1.14795	1.14795	0.445545	0.8402	-1.19004	0.98097	0.2565152	2.07086	2.07086	7	?	0.2496648	0.914912	1.09335	0.727354	0.907954	1.10253	1.10253	0.4042123	0.786248	-1.27186	1.62859	2.47447	1.55058	1
cg15605530	PLCL2;PLCL2	0.2517331	0.374793	0.789467	-1.26668	0.311183	1.56879	1.56879	0.0392793	1.81128	1.81128	0.414503	1.856094	1.856094	0.0189	0.539052	-1.85477	0.2526573	1.3635	1.3635	0.779352	0.70708	-1.41415	0.0310373	0.157121	-6.36444	0.0377568	0.173487	-5.76411	0.232261	0.40224	-2.48608	1.62856	13.6328	7.44002	1
cg23163571	SULT1C2;SULT1C2;SULT1C2;SULT1C2	0.2517331	0.111675	0.483232	-2.0694	0.682558	1.18841	1.18841	0.740407	1.14978	1.14978	0.361941	0.674774	-1.48198	0.112864	0.484598	-2.06357	0.3628621	0.675311	1.4808	0.705088	0.852475	-1.17306	0.0582888	2.4552	2.4552	0.840631	1.08819	1.08819	1.62856	4.54518	2.48082	1
cg-6.23203E	MAN1A1	0.2517338	0.0490009	0.2822	-3.54377	0.0885258	0.3973	-2.51696	0.0376	0.2216311	-4.62727	0.801191	0.850443	-1.17586	0.1384505	1.18455	1.18455	0.4096417	-2.47131	0.430884	0.596791	1.67563	1.67563	0.2891616	0.335185	-2.98161	0.5464997	1.1366	1.1366	1.62854	10.6324	6.80138	1
cg13501090	DENND2C;DENND2C	0.2517352	0.706079	1.03902	1.03902	0.285469	1.11862	1.11862	0.601278	0.948119	-1.05472	0.395613	1.09189	1.09189	0.971348	1.00364	1.00364	0.134596	1.17704	1.17704	0.0233508	0.760483	-1.31495	0.801717	1.02575	1.02575	0.802464	1.02565	1.02565	1.62849	0.263328	0.143734	1
cg16790239	MC1R;MC1R	0.2517353	0.213753	1.60916	1.60916	0.0443788	0.387473	-2.58082	0.489462	1.36411	1.36411	0.486066	1.3298	1.3298	0.202038	1.72581	1.72581	0.307172	0.625151	-1.59224	0.377634	1.44795	1.44795	0.1913632	1.91395	1.47506	1.47506	0.1913632	1.03403	1.03403	1.62849	1.68601	1.04909	1
cg07836413	SRCAP	0.2517355	0.9525669	1.01806	1.01806	0.2802204	0.8113264	-1.22063	0.781275	1.05259	1.05259	0.2682631	0.8087033	-1.23655	0.2636831	0.8606964	-1.23921	0.1577734	1.32067	1.32067	0.2826451	0.6660955	1.06639	1.06639	0.0544114	0.6690055	-1.49465	0.2484554	1.24876	1.24876	1.62848	0.8784491	0.4773332	1
cg26475912	RP7B	0.2517358	0.061814	0.46469	-2.15197	0.934127	0.2310048	0.0564301	2.19685	2.259156	0.651195	-1.53464	0.945004	1.02546	1.02546	0.564255	1.2361	0.1564825	2.03961	2.03961	0.0547403	0.731736	-1.39444	0.634683	0.839952	-1.19054	0.461416	1.31417	1.31417	1.62847	3.42427	1.86912	1
cg09843907	EPS15L1;EPS15L1	0.2517361	0.1053842	0.475445	-2.10335	0.168214	0.9639774	-1.06047	0.153388	0.7264	1.37647	0.7264	1.37647	0.625063	0.8557457	1.16854	1.16854	0.6307993	0.8570993	-1.16655	0.0477933	0.5596616	-1.78655	0.4486605	-1.1255	0.8960857	1.11602	0.5533369	0.8077153	1.62867	2.5978	1.408	1
cg00550725	FAM82B	0.2517364	0.2844559	1.61278	1.61278	0.580369	0.786597	-1.2713	0.777616	0.8854	-1.12943	0.254715	1.6673	1.6673	0.0849415	2.26796	2.26796	0.6869446	1.19024	1.19024	0.360161	0.6673575	-1.49841	0.0564135	0.395124	-2.53085	0.82589	1.09933	1.09933	1.62844	4.76574	2.60139	1
cg21765765	PXN;PXN;PXN	0.2517365	0.637435	0.8313	-1.20294	0.662674	1.18629	1.18629	0.410254	0.720551	-1.38783	0.830483	1.08702	1.08702	0.240534	0.619871	-1.61324	0.0860556	0.749635	1.33385	0.28928	0.3375225	-2.65023	0.763585	1.1244	1.1244	0.109023	0.504091	-1.98377	1.62844	3.90668	2.13347	1
cg12258811	PER3	0.2517367	0.5157168	1.56907	0.0820579	1.75368	3.75368	0.162948	3.16062	3.16062	0.247648	2.29296	2.29296	0.688516	1.31872	1.31872	0.1418	0.807908	1.84602	1.84602	0.108003	0.557205	1.79082	1.79082	0.0707805	2.00985	0.1414718	0.1394934	1.50522	1.50522	0.0708905	1.99672	3.99672	1.62843	12.157	6.63594	1
cg01763821	CCNB2	0.2517369	0.58722	0.810859	-1.23326	0.496501	1.30224	1.30224	0.634045	1.20134	1.20134	0.999885	0.999945	-1.00006	0.462676	1.33104	1.33104	0.0190958	0.337899	-2.95947	0.849657	1.07528	1.07528	0.106348	0.509402	-1.96309	0.545553	0.791373	-1.26363	1.62842	3.77335	2.05971	1
cg18948899	PTPN22;PTPN22;PTPN22	0.2517371	0.547862	1.11175	1.11175	0.3102	0.7241651	1.38205	0.1973	0.8965306	1.11566	0.105365	0.7019141	1.42443	0.1483251	1.18325	1.18325	0.1921481	0.7642	1.30865	0.1939185	1.5154	1.5154	0.1904641	0.5251	1.90413	0.1939185	1.5154	1.5154	0.1904641	0.5251	1.90413	1.62842

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. N)	Fold-Change(5 vs.3537)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg21475434	FAM172A;FAM172A;FAM172A;FAM172	A	0.252027	0.437162	0.728206	-1.37324	0.676237	1.18257	0.182577	0.015465	0.340265	0.340265	0.525456	0.773208	-1.29331	0.955453	0.977961	-1.02254	0.29923	0.640483	-1.53969	0.442087	0.730797	-1.36837	0.895424	0.105387	0.757273	0.883613	-1.13172	1.68491
cg06107469	SPRYD4;SPRYD4		0.25203	0.807937	0.943492	-1.05989	0.354105	1.25571	1.25571	0.46585	1.19393	1.19393	0.263208	0.756856	-1.32125	0.41768	1.21873	1.21873	0.425361	1.21461	1.21461	0.20577	1.37547	1.37547	0.647315	0.895821	-1.11629	0.0198191	1.95789	1.95789	1.62746	1.4703
cg01405831	LY6D		0.252033	0.332773	0.605821	-1.65064	0.294545	0.579617	-1.72554	0.144132	0.631376	-1.63565	0.607496	0.771342	-1.29676	0.0950535	0.403703	-2.47707	0.459546	0.685415	-1.45987	0.0171928	0.233104	-4.28993	0.887802	1.07338	1.07338	0.505448	1.40232	1.40232	1.62745	0.68525
cg11471939	PKM2;PKM2;PKM2		0.252036	0.448599	0.915687	-1.09208	0.0479269	1.29425	1.29425	0.383692	0.903135	-1.10725	0.85495	0.979344	-1.02109	0.612097	0.926107	1.06006	1.06006	0.131631	1.20398	1.20398	0.463674	0.918442	-1.0888	0.802758	0.971857	-1.02896	0.116811	1.22451	1.22451	1.62744	0.335327
cg09642020	C9orf163		0.252036	0.176482	0.578469	-1.7287	0.611509	1.21546	1.21546	0.292528	1.51587	1.51587	0.879176	1.05966	1.05966	0.228059	0.617575	-1.61924	0.362617	0.700166	-1.42823	0.35155	0.694049	-1.44082	0.0276288	0.37082	-2.69672	0.737688	1.1366	1.1366	1.62744	3.74016
cg09594475	LAMA5		0.25204	0.263743	0.788089	-1.26889	0.49639	1.15162	1.15162	0.863998	0.965562	-1.03567	0.555779	0.885322	-1.12953	0.908291	1.02384	1.02384	0.254248	0.783992	-1.27552	0.38429	0.833309	-1.20004	0.300405	1.24528	1.24528	0.018437	0.557443	-1.79391	1.62742	1.07702	0.58826
cg25746387	DPT		0.252042	0.326499	1.57719	1.57719	0.0376285	0.338056	-2.65903	0.0834962	0.988091	-1.01109	0.991859	0.494056	-2.30385	0.302547	1.18833	1.18833	0.869718	0.92884	-1.07661	0.6169	1.25459	1.25459	0.571108	0.773049	-1.29358	0.159691	0.485234	-2.06086	1.62742	5.21249	2.84704
cg09379983	BRD4		0.25043	0.84615	1.23684	1.23684	0.0256993	0.96498	0.96498	0.28153	0.88255	18.3592	18.3592	0.462795	0.60406	0.60406	0.83524	1.2558	1.2558	0.61998	0.312703	1.71943	1.71943	0.0435953	0.745964	0.70061	-1.42733	1.68484	31.2643	14.4326	1
cg17054900	DHX36;DHX36		0.252052	0.997659	1.00089	1.00089	0.0900625	1.76392	1.76392	0.0272469	2.21172	2.21172	0.539975	1.20742	1.20742	0.206637	1.49874	1.49874	0.395866	0.767869	-1.30231	0.36938	1.3232	1.3232	0.560197	0.836149	-1.19596	0.753751	1.10032	1.10032	1.62738	2.37853
cg22115706	MEST		0.252053	0.462343	1.36083	1.36083	0.0914966	1.14146	1.14146	0.132494	0.527224	1.89675	0.146129	1.20622	1.20622	0.8318	1.45447	1.45447	0.61389	1.23675	1.23675	0.0173014	1.36172	1.36172	0.374816	1.44296	1.44296	0.0470001	1.35933	1.35933	1.62738	4.49623
cg03492469	MPG;MPG;MPG		0.25056	0.310476	0.584429	-1.71107	0.414228	0.652341	-1.53294	0.00907509	0.183223	-5.45784	0.193079	0.494127	-2.02377	0.717344	0.826989	-1.20921	0.677593	0.785945	-1.03477	0.752181	0.850292	-1.17607	0.815149	1.12734	1.12734	0.859223	1.09512	1.09512	1.62737	6.75172
cg16559431	PFKP		0.252064	0.790422	1.32092	1.32092	0.170244	4.59897	4.59897	0.0255994	16.8953	16.8953	0.961438	1.05182	1.05182	0.597502	0.552806	-1.80895	0.982401	1.01646	-1.01646	0.0904712	4.46417	4.46417	0.0601054	4.80362	4.80362	0.0336599	2.08168	2.08168	1.62733	34.1141
cg01549404	IRX6;IRX6		0.25073	0.215892	0.803147	-1.2451	0.733483	1.05921	1.05921	0.0995292	1.35509	1.35509	0.153521	1.29332	1.29332	0.123618	0.808726	-1.23702	0.394482	0.739183	-1.35292	0.0198	0.391025	0.862493	-1.15943	0.196142	0.794482	-1.25868	0.198101	1.25728	1.25728	0.421507	1.14822
cg11197458	ACTN2		0.25075	0.113945	0.688655	-1.45211	0.452035	0.788035	-1.26855	0.0183325	-1.19327	0.689475	0.0555656	-1.08103	0.0902577	0.993555	0.992604	1.00722	0.787895	0.941184	-1.06024	0.02725	1.76255	1.76255	0.424433	0.889026	-1.19356	0.516307	0.866973	-1.15344	0.273	1.12661
cg25421716	SNTG2		0.252081	0.765176	1.07199	1.07199	0.769895	1.07045	1.07045	0.0916107	1.53896	1.53896	0.8743	0.963923	-1.03743	0.0977934	0.656018	-1.52435	0.984945	1.00439	1.00439	0.159454	0.705437	-1.41756	0.0840852	0.641727	-1.5583	0.977643	0.993518	-1.00652	1.62727	1.38822
cg24519157	CASQ4;CASQ4;CASQ4;CASS4		0.25209	0.456731	0.80386	-1.244	0.0811153	1.14551	1.74551	0.6336903	1.14679	1.14679	0.583057	0.85241	-1.17314	0.8583203	0.578755	-1.72785	0.609443	0.858788	-1.16443	0.468348	0.80849	-1.23687	0.131176	1.59912	1.59912	0.479996	0.811578	-1.23217	1.62724	2.13842	1.16813
cg22272112	TLE2;TLE2;TLE2		0.252094	0.878635	0.31551	-3.17011	0.415109	0.919528	-1.08754	0.618308	0.185192	1.05192	0.224465	1.13818	0.155551	0.854089	1.16538	1.16538	0.430475	0.922152	-1.08442	0.780561	0.957265	-1.04468	0.0276288	0.37082	-2.69672	0.737688	1.1366	1.1366	1.62724	3.74016
cg11367580	ARPC3		0.252098	0.879527	1.0181	1.0181	0.198278	1.17448	1.17448	0.27243	1.14467	1.14467	0.878469	0.982063	-1.01826	0.0895129	1.24787	1.24787	0.581761	0.936315	-1.06802	0.267241	0.872221	-1.1465	0.0485916	1.30535	1.30535	0.36993	1.11506	1.11506	1.62721	0.36057
cg22793860	BAIAP2L1		0.252099	0.814547	1.09758	1.09758	0.330904	0.665465	-1.5018	0.349041	1.57225	1.57225	0.940232	0.850427	1.17556	0.321646	1.18387	1.18387	0.997993	0.999585	-1.00084	0.997892	1.12905	1.12905	0.692303	1.12905	1.12905	0.692303	1.10677	1.10677	1.62721	0.700363
cg23668445	CPLX1		0.252102	0.37316	0.817778	-1.22283	0.0349908	0.582402	-1.71703	0.434441	0.839052	-1.19182	0.351294	1.235	1.235	0.71781	1.08249	1.08249	0.4428	1.18789	1.18789	0.12213	1.4458	1.4458	0.786602	1.06153	1.06153	0.553478	0.876435	-1.14089	1.6272	1.24771	0.681588
cg11082282	CHD9		0.252104	0.072883	0.595252	-1.67996	0.370706	0.864086	-1.15729	0.46228	0.823636	1.21413	0.09519	0.621539	-1.60865	0.0527792	0.565055	-1.76974	0.252194	0.719326	-1.40071	0.122973	0.648362	-1.54235	0.730585	0.914301	-1.09373	0.564632	1.16297	1.16297	1.62719	1.73269
cg11751806	ADAMTS20		0.25211	0.0128994	1.99715	1.99715	0.395565	0.822868	-1.21526	0.634741	1.1132	1.1132	0.973634	0.992622	-1.00743	0.721693	0.922985	1.08344	0.286888	0.780521	-1.2812	0.812514	1.05468	1.05468	0.871036	1.03708	1.03708	0.391175	1.21758	1.21758	1.62717	1.29391
cg12293170	PLXNA4;PLXNA4;PLXNA4		0.252111	0.253393	0.495323	-2.01889	0.761342	1.09651	1.09651	0.118963	0.369101	-2.70929	0.560769	0.710614	-1.40723	0.586942	0.729392	-1.38137	0.793072	0.856552	-1.16747	0.0105464	0.550312	-5.65285	0.410793	0.609344	-1.64111	0.522183	0.682468	-1.46527	1.62716	8.93957	4.88352
cg16269775	S100A5;S100A5		0.252111	0.083872	0.488655	-1.44861	0.45211	0.635035	0.838035	-1.19327	0.689475	0.0555656	-1.08103	0.0902577	0.993555	0.992604	1.00722	0.787895	0.941184	-1.06024	0.02725	1.76255	1.76255	0.424433	0.889026	-1.19356	0.516307	0.866973	-1.15344	0.273	1.12661	1.62716	4.86635
cg01806346	MAN2B2		0.252114	0.204743	1.41733	1.41733	0.638731	1.13116	1.13116	0.788769	0.932405	-1.0725	0.150193	0.66897	-1.49484	0.911601	1.02937	1.02937	0.945328	1.01804	1.01804	0.0193758	0.478576	-2.08953	0.89587	1.03472	1.03472	0.707454	1.1035	1.1035	1.62715	1.7507
cg23845620	VPS52		0.252116	0.172034	0.42217	-2.3687	0.575384	0.724839	-1.38002	0.778443	0.429278	-2.32949	0.576882	0.741007	-1.34907	0.715797	0.891403	-1.12183	0.742359	-1.34707	0.0442098	0.164727	0.412359	-2.42504	0.168953	0.419207	-2.38546	0.0464848	0.239469	0.225585	-4.42773	0.622721	0.239469	4.17613
cg07611121	TRIO		0.252129	0.0657208	0.784775	-1.60302	0.164274	0.288859	-3.44996	0.958944	0.957952	-1.04389	0.344747	0.435776	-2.29476	0.0383648	0.135014	0.740666	0.271183	0.38446	-2.60105	0.186999	0.301163	-3.21272	0.110776	0.234581	-4.26292	0.224055	0.344442	-2.90325	1.6271	17.9443	9.80302
cg26151477	ZCCHC24		0.252129	0.732848	1.08061	1.08061	0.801157	1.05876	1.05876	0.298214	0.783497	-1.27633	0.191487	0.731899	-1.36631	0.154445	1.41184	1.41184	0.43666	1.19668	1.19668	0.0909072	1.7743	1.7743	0.463148	1.18409	1.18409	0.948073	1.01485	1.01485	1.6271	3.31931	0.720745
cg05089898	ZFYVE21		0.252134	0.895052	1.03478	1.03478	0.732852	0.605465	-1.6518	0.349041	1.57225	1.57225	0.940232	0.850427	1.17556	0.321646	1.18387	1.18387	0.997993	0.999585	-1.00084	0.997892	1.12905	1.12905	0.692303	1.12905	1.12905	0.692303	1.10677	1.10677	1.62711	0.700363
cg14755690	AHCY;2;AHCYL2		0.252136	0.640191	1.25397	1.25397	0.034518	0.6252	1.6252	0.0309435	0.38009	0.38009	0.76845	1.15249	1.15249	0.934592	0.96131	1.04025	0.510095	1.37878	1.37878	0.711783	0.839893	-1.19061	0.429505	0.47358	0.47358	0.066405	1.02012	1.02012	1.62707	5.95518
cg05739720	ATP12A		0.252141	0.102782	0.779668	-1.28275	-1.67996	0.370706	0.864086	-1.15729	0.46228	0.823636	1.21413	0.09519	0.621539	-1.60865	0.0527792	0.565055	-1.76974	0.252194	0.719326	-1.40071	0.122973	0.648362	-1.54235	0.730585	0.914301	-1.09373	0.564632	1.16297	1.16297	1.62707	6.75172
cg13358257	RASAL1		0.252141	0.910213	1.02891	1.02891	0.583002	0.869307	-1.15034	0.355063	1.27166	1.27166	0.145916	1.48343	1.48343	0.131373	0.662692	1.509	0.450483	0.823467	-1.21438	0.10494	0.639166	-1.56454	0.202399	1.40491	1.40491	0.476779	1.20051	1.20051	1.62705	1.64434
cg07084492	ANO8		0.252141	0.409739	1.79731	1.79731	0.581	1.47355	1.47355	0.582086	0.678126	-1.47465	0.994984	0.995638	-1.00438	0.258636	2.26972	2.26972	0.168121	2.77712	2.77712	0.152057	2.95306	2.95306	0.215274	2.47711	2.47711	0.810364	0.846049	-1.18396	1.62704	12.4624	6.80852
cg06072743	GRK7		0.252142	0.183767	0.729377	-1.37056	0.0796	0.648158	0.648158	0.0198198	1.31198	1.31198	0.244744	0.644592	1.80535	1.80535	1.80514	0.80593	0.250997	0.520204	-1.92204	0.0253	0.634243	1.57668	0.632352	0.842912	-1.18634	0.0119573	0.564832	1.16297	1.16297	1.62703	3.76901
cg23968893	MAEL		0.252165	0.496889	1.19307	1.19307	0.843954	1.05173	1.05173	0.67681	0.898287	-1.11323	0.969961	0.97996	-1.02045	0.0575963	0.57723	-1.73241	0.821498	0.943808	-1.05954	0.351698	1.27798	1.27798	0.0445194	1.80479	1.80479	0.315044	1.30457	1.30457	1.62696	1.68763
cg25174591	DNAH9		0.252165	0.719356	1.39591	1.39591	0.94259	0.943725	1.30275	0.153843	0.74872	1.34193	0.231799	0.74872	1.34193	0.231799	0.74872	1.34193	0.231799	0.74872	1.34193	0.231799	0.74872	1.34193	0.231799	0.74872	1.34193	0.231799	0.74872	1.34193	0.231799	0.74872	1.34193	0.231799
cg21880777	IGFBP4		0.252171	0.358198	0.789809	-1.26613	0.924671	0.776578	-1.0239	0.103469	0.641021	-1.56001	0.594155	0.874319	-1.14375	0.905421	1.18384	1.18384	0.037247	1.82923	1.82923	0.219446	1.38058	1.38058	0.921233	1.02501	1.02501	0.781668	0.932968	1.07185	1.62694	1.6071	0.878051
cg09329496	NAA15		0.252173	0.296629	1.66362	1.66362	0.184674	0.508155	-1.9679	0.670104	0.83159	-1.22912	0.266886	0.573096	-1.74518	0.922344	0.954145	-1.04806	0.552769	1.33522	1.33522	0.0269701	0.283376	-3.52888	0.874465	1.07909	1.07909	0.35059	1.58807	1.58807	0.626933	5.97167
cg20092682	HSF2;HSF2		0.252179	0.062344	0.495311	-2.01889	0.761342	1.09651	1.09651	0.118963	0.369101	-2.70929	0.560769	0.710614	-1.40723	0.586942	0.729392	-1.38137	0.793072	0.856552	-1.16747	0.0105464	0.550312	-5.65285	0.410793	0.609344	-1.64111	0.522183	0.682468	-1.46527	1.62716	8.93957	4.88352
cg26124466	LOC203729		0.252183	0.785685	0.83774	-1.14007	0.206525	0.88796	-1.89796	0.710772	0.835982	-1.19619	0.306459	0.600957	-1.66401	0.012744	0.225714	4.43038	0.484239	0.710428	-1.4076	0.0141115	0.949433	-1.05326	0.792602	1.13512	1.13512	0.633074	0.792934	-1.26114	1.62688	5.96013	3.25647
cg09792026	GM05		0.252188	0.071684	0.775355	-1.28975	0.631773	0.796505	0.912556	0.0776	0.783327	0.783327	0.0133822	0.614104	0.604237	0.73554	0.833822	0.833822	0.36334	0.701704	-1.42548	0.0662214	0.78279	-1.27748	0.0144046	0.963325	1.03821					
	CAMTA2;CAMTA2;SPAG7;CAMTA2;CA																															
cg26968203	MTA3		0.25219	0.994471	1.00138	1.00138	0.888644	1.02828	1.02828	0.446361	1.16706	1.16706	0.379219	1.19667	1.19667	0.0108276	1.89074	1.89074	0.239082	1.27812	1.27812	0.129189	1.38586	1.38586	0.773881	1.05901	1.05901	0.292533	1.24278	1.24278	1.62687	1.02068	0.557676
cg00833378	C1orf70		0.252191	0.484897	0.66969	-1.43536	0.99246	1.00482	1.00482	0.075038	0.724678	2.74428	0.395065	0.641759	-1.55736	0.253146	0.543207	1.84092	0.920242	0.950275	-1.05232	0.554401	0.331058	-3.02062	0.431405	0.659258	-1.51686	0.371002	0.59641	1.59641	1.62687	6.68104	3.65039
cg22402224	ORAI2;ORAI2		0.252192	0.145435	0.299861	-3.33488	0.316835	0.450554	-2.21949	0.968336	1.03106	1.03106	0.230665	0.37953	-2.63484	0.0458203	0.171394	5.83453	0.251017	0.396905	-2.51949	0.0309691	0.142055	-7.03952	0.332231	0.462687	-2.16129	0.353123	0.478966	-2.08783	1.62686	15.295	8.35689
cg04253015	PLEKHG2		0.252195	0.649252	1.56435	1.56435	0.858251	0.937417	-1.06576	0.104791	0.526746	-1.88945	0.758528	1.13878	1.13878	0.0407756	0.55205	-1.81093	0.703167	0.878671	-1.14838	0.0464201	0.437436	-2.28605	0.802799	0.55407	-1.80479	0.0796904	0.894953	-1.11758	1.62681	1.0947	0.596804
cg16756035	OCRL;OCRL;OCRL;OCRL		0.252215	0.458065	0.353975	-2.82506	0.948741	1.09238	1.09238	0.964337	1.09674	1.09674	0.0749902	15.8999	15.8999	0.938409	0.899233	-1.11206	0.079437	0.0688481	-14.5247	0.961113	0.935184	-1.06931	0.09317	0.0789916	-12.6596	0.27599	0.210666	-4.74685	1.62679	48.6695	26.5933
cg18028842	NHLH1		0.252217	0.136526	0.319634	-3.12809	0.486061	1.45403	1.45403	0.794022	1.20446	1.20446	0.154994	0.338292	-2.95609	0.0834085	0.256023	-3.90584	0.259187	0.43051	-2.3236	0.27172	0.44614	-2.25154	0.0855664	0.221491	-4.51486	0.296323	0.463073	-2.15949	1.62677	0.53707	7.11596
cg14465747	PDE1C		0.252217	0.126167	0.384481	-2.60108	0.0559841	0.43632	-2.29188	0.0454004	0.40051	-2.49751	0.0839847	0.31783	-3.14731	0.0322132	0.945086	1.0581	0.282628	1.13376	1.13376	0.760957	0.19275	-5.19275	0.874683	1.09546	1.09546	0.16324	2.36234	2.36234	1.62677	8.59754	4.69781
cg07739472	PGGT1B		0.252218	0.425723	0.8297	-1.20523	0.0155411	0.506089	-1.97594	0.774235	1.06823	1.06823	0.913133	1.02536	1.02536	0.119177	0.678346	-1.47417	0.553986	0.871635	-1.14737	0.471466	1.18306	1.18306	0.290588	0.777475	-1.28621	0.6822	0.909843	1.09909	1.62677	1.35696	0.741463
cg18131513	ZNF804A		0.252225	0.175888	0.70441	-1.41995	0.0242568	0.747586	-1.33453	0.240608	0.607097	-1.64903	0.180093	1.23974	1.23974	0.0893137	0.676524	-1.47798	0.230548	0.73816	-1.35482	0.13288	0.737438	0.756474	-1.32178	0.0195	0.0195	1.35605	0.073815	0.615577	-1.62449	0.933544	0.980439	0.0195	1.62677	1.33724	0.834572
cg16771596	C9orf30		0.252237	0.233515	0.862946	-1.15882	0.0406535	0.756594	-1.32171	0.980075	0.997057	-1.00295	0.703084	0.955812	-1.04623	0.346937	0.891995	-1.12108	0.167976	1.18935	1.18935	0.10493	0.808697	-1.23656	0.302558	0.881585	-1.13432	0.779871	0.967476	-1.03362	1.6267	0.358795	0.196059
cg12536014	PTPN22;PTPN22;PTPN22		0.252239	0.053009	0.299131	-3.34302	0.747874	0.83776	-1.19366	0.345889	0.676865	-1.70374	0.488975	0.679888	-1.47083	0.0373888	0.265555	-3.76556	0.164756	0.384975	-2.59766	0.0415792	0.284353	-3.51942	0.0674975	0.909882	-1.10634	0.62017	0.760161	-1.31551	1.6267	0.79184	0.42436
cg27518892	CCDC102A		0.252239	0.373141	0.67518	-1.48903	0.0355612	0.34457	-2.90217	0.114017	0.473001	-2.11456	0.577597	0.782722	-1.27759	0.167228	0.526696	-1.89863	0.170438	0.529566	-1.88834	0.0527488	0.563221	-1.77554	0.320307	0.752943	-1.32812	0.12669	0.688513	2.66943	1.62677	0.83466	0.26943
cg10276302	WDR91		0.252239	0.376191	1.15285	1.15285	0.0509325	0.705912	-1.41661	0.244014	0.826211	-1.21034	0.72704	0.946592	-1.05642	0.9601	0.86545	-1.15547	0.0529099	0.708532	-1.41137	0.349269	0.859921	-1.1629	0.497538	1.1139	1.1139	0.902954	1.01929	1.01929	1.62669	0.631988	0.345344
cg22923391	FER1L4		0.252239	0.185211	0.682168	-1.46561	0.0135193	0.358184	-2.79233	0.0858659	0.662151	-1.51009	0.0885619	0.422932	-2.36475	0.0152132	0.0977251	10.2311	0.299066	0.746465	-1.33965	0.367074	0.770561	-1.2869	0.996975	0.998969	-1.00103	0.481115	0.822881	-1.21524	1.62669	3.90922	1.04328
cg21454760	ARID1A;ARID1A		0.252242	0.97782	0.98209	-1.01824	0.0486806	0.32202	0.32202	0.0973512	0.26297	3.62697	0.585289	1.43075	1.43075	0.665208	0.753502	-1.32714	0.633873	0.732045	0.136604	0.258494	0.464673	-2.15205	0.11744	3.02042	3.02042	0.671896	1.31909	1.31909	1.62668	10.8869	5.94908
cg00033127	SNX7;SNX7;SNX7		0.252242	0.907361	0.96758	-1.03348	0.0116	0.741	1.34102	0.0147685	0.74	1.34102	0.0147685	0.74	1.34102	0.0147685	0.74	1.34102	0.0147685	0.74	1.34102	0.0147685	0.74	1.34102	0.0147685	0.74	1.34102	0.0147685	0.74	1.34102	0.0147685	0.74	1.34102	0.0147685
cg20483719	RASA3		0.252251	0.458192	1.1665	1.1665	0.260892	1.27006	1.27006	0.80019	1.03127	1.03127	0.1415	1.38034	1.38034	0.725459	1.07453	1.07453	0.129661	1.39625	1.39625	0.14761	0.728506	-1.37267	0.339957	1.22203	1.22203	0.147559	0.728473	-1.37274	1.62664	1.07087	0.585185
cg21475987	NCAM2;NCAM2		0.252254	0.279857	0.836386	-1.19562	0.264192	1.20333	1.20333	0.355671	1.16312	1.16312	0.7051	0.941324	-1.06233	0.789392	1.0435	1.0435	0.374913	1.15585	1.15585	0.0921303	0.670865	-1.49061	0.24498	1.21339	1.21339	0.799337	1.04134	1.04134	1.62663	0.651619	0.356083
cg26593432	SNRPD2;DPCTL;DPCTL;SNRPD2		0.252255	0.65838	1.29846	1.29846	0.844733	0.692202	-1.44732	0.245599	0.5667	1.19467	0.415806	0.727153	-1.37448	0.203262	0.733233	-1.57175	0.073113	0.53859	-1.85671	0.0196	0.0196	1.56563	0.042027	1.51274	1.51274	0.46063	2.9206	1.59999	1.62662	0.70086	0.382994
cg00071045	ANKRD36B		0.252257	0.477134	0.887607	-1.12662	0.208375	0.803512	-1.24454	0.475319	1.1272	1.1272	0.256233	0.822448	-1.21588	0.149116	0.774782	1.29069	0.832827	1.03548	1.03548	0.0892106	1.36224	1.36224	0.121182	0.757922	-1.3194	0.525523	0.899327	-1.11394	1.62662	0.70086	0.382994
cg17015575	SLC35A4		0.252258	0.153104	0.719258	-1.39031	0.0722727	0.785587	-1.27348	0.0844	0.636949	-1.61642	0.387918	1.23998	1.23998	0.0535958	0.807256	1.24045	0.421057	1.12115	1.12115	0.513853	0.70291	-1.42257	0.0451792	0.248353	-4.03042	0.0247017	0.0195	0.0195	1.35203	0.073011	0.615577	-1.62449	0.933544	0.980439	0.0195	1.62662	1.33724	0.834572
cg05017276	TRPS1		0.252265	0.0607103	0.785835	-1.27253	0.07108	0.995877	-1.00414	0.113165	1.20384	1.20384	0.802895	1.02892	1.02892	0.118797	1.0776	1.0776	0.730551	0.961362	-1.04019	0.224718	1.15535	1.15535	0.116206	1.2148	1.2148	0.516898	0.927836	1.07778	1.62659	0.334676	0.182891
cg07623995	BIN2		0.252267	0.0923374	0.326002	-3.06746	0.0109191	0.3386	-2.95334	0.388518	0.585845	-1.70694	0.301993	0.523631	-1.90975	0.0490519	0.256797	-3.89412	0.148691	0.391746	-2.55268	0.139355	0.381934	-2.61825	0.0906968	0.323787	-3.08845	0.318453	0.535932	-1.86591	1.62659	9.43022	5.15338
cg26363158	SNRPE		0.252267	0.0875244	0.691611	-1.44661	0.0232124	0.872762	-1.14579	0.771199	0.939358	-1.06456	0.104152	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105 vs. N)	Fold-Change(1-vs-105 vs. N)	p-value(111 vs. N)	Fold-Change(1-vs-111 vs. N)	Ratio(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1-vs-1221 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-5 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg24755105	AQP11	0.260407	1.0925	1.0525	0.332481	1.18972	0.258803	1.22763	1.22763	0.811028	1.04135	0.418254	0.866128	-1.15456		0.608486	1.00392	1.00392	0.023109	0.623752	-1.6032	0.51761	0.892273	-1.12075	0.315495	1.19762	1.62582	0.777405	0.425232	1
cg13912435	SA;ENSA	0.252474	0.255604	4.00744	4.00744	0.626823	0.563778	-1.77375	0.184263	0.192559	-5.1932	0.101135	8.56437	1.64497	0.171199	5.49647	5.49647	0.168209	5.57135	5.57135	0.378446	0.347513	-2.87793	0.408658	0.372155	-2.68705	0.826848	1.29206	1.29206	1.62682	35.2273	19.2599	1
cg18556540	TRIM26	0.252482	0.708743	2.910935	-1.09777	0.5583854	1.70182	1.70182	0.45027	1.23054	1.23054	0.670089	0.900813	-1.11011	0.381634	-1.8000558	-1.24991	0.782759	1.07113	1.07113	0.394387	1.24218	1.24218	0.996519	0.998934	-1.00107	0.0292757	1.893448	1.893448	1.62579	1.59134	0.87005	1
cg16093876	ZNF169	0.252483	0.091736	3	0.72419	-1.38085	0.956227	0.990505	-1.00959	0.529922	0.8953	-1.11694	0.117585	0.744224	-1.34368	0.117568	0.744212	-1.3437		0.0354098	0.653292	-1.53071	0.175877	0.77869	-1.28421	0.248029	0.81067	-1.23355	0.989545	0.997725	-1.00228	1.62579	0.777843	0.425281	1
cg02607021	C1orf198;C1orf198;C1orf198	0.252484	0.345639	0.794855	-1.25809	0.1252297	1.48023	1.48023	0.85416	1.04446	1.04446	0.31632	1.27748	1.27748	0.6992093	0.6184407	-1.61698		0.0952687	1.5423	1.5423	0.845896	0.955045	-1.04707	0.604159	-1.1316	1.1316	0.832238	1.05142	1.05142	1.62579	1.43881	0.786659	1
cg03411949	USP15	0.252484	0.480681	0.893162	-1.11962	0.9845668	1.00305	1.00305	0.543778	0.907687	-1.1017	0.918026	1.01636	1.01636	0.03665114	0.682018	-1.46624		0.326744	0.8525	-1.17302	0.310208	0.8474637	-1.17999	0.755348	1.0505	1.0505	0.07335573	1.36986	1.36986	1.62579	0.6396091	0.349747	1
cg08971727	GALNT9;GALNT9	0.252485	0.759481	1.7951	-1.2577	0.0342183	0.52738	0.52738	0.370327	1.98786	1.98786	?	?	0.57583	0.66508	-1.52511		0.409916	0.53299	-1.87624	0.186994	1.28311	1.28311	0.316668	0.463644	-2.16637	0.306809	2.203135	2.203135	1.63014	12.7952	7.8491	1
cg25931684	PALM;PALM	0.252496	0.798097	1.11291	1.11291	0.782179	1.16321	1.16321	0.868085	1.47081	1.47081	0.324493	1.529	1.529	0.130908	0.6628061	1.50578		0.227442	0.624153	-1.60217	0.0381559	0.7139826	1.40655	-1.08051	0.93189	0.964956	-1.03632	1.62574	1.62574	1.62574	4.48406	2.4517	1
cg07751039	NUDCD1;NUDCD1	0.252499	0.717006	0.932474	-1.07242	0.299726	1.22926	1.22926	0.349732	0.831205	-1.20307	0.34951	0.83113	-1.20318	0.1160234	0.7203104	-1.3883		0.743282	1.06516	1.06516	0.598758	1.10736	1.10736	0.286912	0.8086552	-1.23663	0.0299909	0.6124418	-1.63287	1.62573	0.9498827	0.51933	1
cg21841704	FAIM;FAIM;FAIM;FAIM	0.252501	0.778018	1.18335	1.02147	0.9845694	1.14134	1.14134	0.725277	0.934938	-1.07246	0.22045	1.49749	1.49749	0.2802	0.07965007	1.43051	0.053824	0.64797	-1.54326	0.842193	0.8620922	-1.15993	0.978177	0.99492	-1.00544	0.035488	0.615468	1.62573	1.01214	0.553403	1
cg00132008	MFHAS1	0.252505	0.593413	1.16267	1.16267	0.876549	1.04444	1.04444	0.037857	1.96616	1.96616	0.838961	0.944984	-1.05822	1.020972	1.60047	1.60047	0.22552	1.42759	1.42759	0.783269	1.08017	1.08017	0.0371626	1.96729	1.96729	0.414425	1.2628	1.2628	1.62571	2.01401	1.1012	1
cg20786488	FAM190A	0.252511	0.436106	1.37956	1.17956	0.0746494	0.663846	-1.59638	0.133502	0.731405	-1.36738	0.638779	1.10329	1.10329	0.676978	1.6917	1.6917	1.091	1.091	0.4879143	1.69265	1.69265	0.0926207	0.25103	-1.5836	0.302713	0.450531	-2.2196	0.0195603	0.121587	4.224555	1.62568	34.3608	7.85215	1
cg03339321	TRIM31	0.252514	0.327029	0.5165559	-1.93589	0.0418423	0.216242	-4.62445	0.0571911	0.245449	-0.40747	0.196785	1.07852	1.07852	0.5725296	0.4584997	-2.18104		0.301685	0.497293	-2.01089	0.493965	0.1634124	0.143481	0.358338	-2.79066	0.512005	1.54369	1.54369	1.62567	10.9736	6.00014	1
cg00413368	CEP170;CEP170;CEP170	0.252521	0.232083	-1.93097	0.2128464	0.6616147	-2.16299	0.080573	0.0871	0.827306	-1.08874	0.324116	1.63272	1.63272	0.619332	1.277439	1.277439	0.2686104	0.402308	-2.48565	0.585988	1.32909	1.32909	0.27106	0.575993	-1.73631	0.0784835	0.390255	2.562343	1.62556	5.96731	3.26304	1
cg00982617	MIR645	0.252535	0.0566533	0.3310353	-3.02006	0.15813	0.461554	-2.16659	0.0937039	0.388872	-2.57154	0.485642	0.6955565	-1.43768	0.0433146	0.303948	-3.29003		0.704898	0.8228871	-1.21526	0.183621	0.4853693	-2.06029	0.793633	0.8743	-1.14377	0.193092	0.4937492	-2.02532	1.62556	6.75948	3.69613	1
cg19368721	MARCH2;MARCH2;MARCH2	0.252536	0.301855	0.744001	-1.34066	0.2235326	0.705858	-1.44329	0.0507275	0.543924	-1.83849	0.163159	0.665532	-1.50256	0.0635565	0.565113	-1.76956		0.381505	0.782292	-1.2783	0.161508	1.2999	1.2999	0.303802	0.787261	-1.33822	0.0662796	0.775988	-1.28868	1.62559	1.92653	1.05344	1
cg10340053	PRKCZ;PRKCZ;PRKCZ	0.252545	0.112975	1.4353813	-2.29456	0.753606	1.16369	1.16369	0.69519	0.827306	-1.20874	0.324115	1.63272	1.63272	0.619332	1.277439	1.277439	0.2686104	0.402308	-2.48565	0.585988	1.32909	1.32909	0.27106	0.575993	-1.73631	0.0784835	0.390255	2.562343	1.62556	5.96731	3.26304	1
cg12296751	CAVI	0.252546	0.0965183	11.5844	11.5844	0.136705	8.60487	8.60487	0.199151	6.18031	6.18031	0.126024	9.22962	9.22962	0.551002	2.24762	2.24762		0.29533	4.2929	4.2929	0.162638	7.39712	7.39712	0.0337498	27.8977	27.8977	0.160123	7.49893	7.49893	1.62556	46.4013	25.3732	1
cg16857192	ISAM	0.252551	0.794322	0.853156	-1.17405	0.2270256	1.41625	1.41625	0.550161	1.33034	1.33034	0.583688	1.28861	1.28861	0.8649426	0.8207729	-1.2839		0.82431	1.11009	1.11009	0.560359	1.5589	1.5589	0.325837	2.13803	2.13803	0.0514361	2.84898	2.84898	1.62554	5.73896	3.13822	1
cg07864883	HHATL;HHATL	0.252551	0.706384	1.19626	1.19626	0.110349	2.27943	2.27943	0.0994028	2.35219	2.3519	0.882234	0.932216	-1.07271	0.5575	1.32431	1.32431		0.265704	1.73185	1.73185	0.102745	2.32876	2.32876	0.0252775	2.79778	2.79778	0.0910675	2.414412	2.414412	1.62554	5.77238	3.15649	1
cg13958749	MRPS11;MRPL46;MRPS11	0.252557	0.757339	1.2611	1.2611	0.2435896	2.60377	2.60377	0.36387	1.35037	1.35037	0.35723	?	?	?	?	?		?	?	?	?	?	?	?	?	0.0354434	4.60702	4.60702	1.36621	6.35802	2.01527	1
cg26675379	LPCAT1	0.252563	0.651687	1.12605	1.12605	0.9309774	0.977622	-1.02289	0.300557	0.755605	-1.32344	0.15957	0.675273	-1.48088	0.0849383	0.6079555	-1.64486		0.2109446	0.7086697	-1.41104	0.123029	1.54724	1.54724	0.865167	1.0454	1.0454	0.188909	0.609516	-1.43852	1.6255	1.75691	0.960752	1
cg11497169	ZNF124	0.252566	0.052304	0.491725	-2.03166	0.197758	0.613987	-1.6287	0.582581	0.819644	-1.22004	0.695084	0.868366	-1.15159	0.1308871	0.5574	-1.79404		0.314763	0.689033	-1.45131	0.193994	0.6111732	-1.6362	0.0417517	0.413308	-2.31853	0.0764155	0.493486	-2.0264	1.62548	3.30496	1.8073	1
cg19869037	DSC;DSE	0.252571	0.753139	1.1621	1.1621	0.8265449	0.577245	-1.72237	0.567581	1.51847	1.51847	0.243081	1.90482	1.90482	0.2973548	1.5184	1.5184	0.1523	0.5720251	1.45925	-1.35549	0.357652	1.509121	-1.64712	0.0267279	3.99388	3.993388	1.6091	1.62547	7.16427	3.97374	1
cg04903360	PARD3	0.252578	0.216852	1.55672	1.55672	0.771204	1.10441	1.10441	0.171795	1.64125	1.64125	0.61894	1.18622	1.18622	0.673004	0.8653387	-1.15555		0.355334	0.723363	-1.38243	0.514341	0.7983331	-1.25261	0.0308083	0.421544	-2.37223	0.595491	1.20021	1.20021	1.62544	2.98646	1.63318	1
cg24121168	FAM30D;FAM3D	0.252581	0.641582	1.15251	1.15251	0.756341	1.09382	1.09382	0.151564	0.63154	-1.58343	0.243743	0.687049	-1.4555	0.4662894	1.25183	1.25183		0.273656	1.44188	1.44188	0.0402792	2.02584	2.02584	0.0136403	2.52581	2.52581	0.0228166	2.215314	2.215314	1.62543	2.96088	1.62064	1
cg22059711	NCAPH	0.252581	0.419091	1.19967	1.19967	0.2183	1.13047	1.13047	0.467306	1.17714	1.17714	0.442208	1.1886	1.1886	0.2341655	0.31653	-3.16053		0.0729777	1.55423	1.55423	0.115935	0.881331	-1.23257	0.582327	0.884723	2.1303	1.62543	1.25165	0.684482	1
cg06259570	MMP27	0.252581	0.985002	0.993581	-1.00646	0.110788	0.551414	-1.81352	0.0168462	0.368221	-2.71576	0.861519	0.941936	-1.06164	0.879031	0.941936	-1.05356		0.086382	0.522554	-1.91368	0.968531	1.01361	1.01361	0.846507	0.93576	-1.06865	0.48146	0.782595	-1.2778	1.62543	3.02155	1.65238	1
cg23766996	GRM3	0.252581	0.194977	1.0596	1.0596	0.9127512	1.07252	-1.18795	0.8838855	0.970554	-1.03076	0.7055134	1.04194	1.04194	0.1408445	0.8084574	-1.23677		0.659936	0.818719	-1.22142	0.0610202	0.6450723	-1.54981	0.0263643	0.644827	-1.54255	0.0263643	0.5738896	-1.74255	1.62541	2.66731	2.00519	1
cg14473344	CHST2	0.252582	0.136853	2.82929	2.82929	0.325239	0.90645	2.90645	0.595385	1.75583	1.75583	0.407496	0.643493	2.43493	0.2494693	0.6077609	0.839443	-1.19127	0.967945	1.04311	1.04311	0.525933	1.96403	1.96403	0.0977304	3.56028	3.56028	1.62542	2.38988	15.5303	1
cg17285910	VPS52	0.252583	0.757339	1.1621	1.1621	0.8265449	0.577245	-1.72237	0.567581	1.51847	1.51847	0.243081	1.90482	1.90482	0.2973548	1.5184	1.5184	0.1523	0.5720251	1.45925	-1.35549	0.357652	1.509121	-1.64712	0.0267279	3.99388	3.993388	1.6091	1.62547	7.16427	3.97374	1
cg17179568	WNT7B;WNT7B	0.252592	0.529687	1.14203	1.14203	0.59396	1.09694	1.09694	0.267231	1.27264	1.27264	0.919885	0.979234	-1.02121	0.525406	1.14365	1.14365		0.236441	0.772006	-1.29533	0.0216255	0.562538	-1.77766	0.740103	0.932918	-1.07191	0.39046	1.20148	1.20148	1.62539	1.12004	0.612524	1
cg26293169	SKRM2;LOC100128788	0.252598	0.70894	0.857686	-1.16593	0.6564724	2.32241	2.32241	0.427132	0.717521	-1.39369	0.873016	1.06768	1.06768	0.7815	0.8924404	-1.12057		0.610668	0.810411	-1.23394	0.0276615	0.4444124	-2.90348	0.923405	0.961214	-1.04035	0.3813117	0.692375	-1.4443	1.62537	4.31488	2.35974	1
cg02772672	GRK4;GRK4;GRK4	0.252626	0.146204	1.6	1.6	0.6279799	2.34302	2.34302	0.0953737	1.60751	1.60751	0.824656	0.7775421	1.28617	0.5908553	0.6543	-1.52828		0.240424	0.9535	-1.04895	0.883703	0.8175	-1.22353	0.0287794	0.2548142	-3.92353	0.0138994	0.3617827	-2.76441	1.62536	32.6411	17.851	1
cg01481646	TSPAN14;TSPAN14	0.252607	0.835123	0.926422	-1.07942	0.28382	2.50427	2.50427	0.571178	0.830698	-1.23351	0.887807	0.949553	-1.05313	0.764836	0.895827	-1.11629		0.608324	1.20869	1.20869	0.020105	2.79612	2.79612	0.10964	1.89565	1.89565	0.493391	0.774866	-1.29055	1.62533	3.46137	1.89302	1
cg20099968	KIAA1530	0.252621	0.637325	1.08722	1.08722	0.6251005	1.0935	1.0935	0.362307	1.07042	1.07042	0.724448	0.8540456	-1.17095	0.5128486	0.8926116	-1.12021		0.1703042	0.785505	-1.27327	0.0222777	0.6794907	-1.47203	0.0233727	0.5762377	-1.73564	0.0233727	0.5911884	-1.69161	1.62532	1.83668	1.13799	1
cg20638582	AGER;AGER	0.252621	0.310039	-1.66012	-1.51486	0.817409	1.09575	1.09575	0.365201	0.994925	0.99765	-1.00236	0.406928	0.410575	-2.43561			0.156037	0.543854	-1.83873	0.0615552	0.441029	-2.26742	0.677092	0.847402	-1.18008	0.2409596	0.618756	-1.61615	1.62531	4.02397	2.20072	1
cg16805065	PFKFB3	0.252615	0.396855	0.86995	-1.14949	0.64719	1.0768	1.0768	0.264324	1.20543	1.20543	0.0773783	0.729586	-1.37064	0.5513316	1.10163	1.10163		0.865541	0.973352	-1.02738	0.454141	0.8847581	-1.13025	0.965618	0.993102	-1.00695	0.0457117	1.44463	1.44463	1.6253	0.663788	0.36303	1
cg24612772	IDE1;EXT2	0.252618	0.277526	1.3	1.3	0.2394252	1.14343	1.14343	0.367621	0.78241	1.1222	0.787962	0.8008151	1.24911	0.7911	1.2222	0.78962	0.084799	1.10727	1.10727	0.420455	0.731367	1.36762	-1.36762	0.0172037	-1.72641	0.213886	1.34093	-1.49315	1.62529	18.9684	10.3799	1
cg20635838	SUMO1;SUMO1;SUMO1	0.252622	0.224899	0.837681	-1.19377	0.970216	0.994826	-1.0052	0.159609	0.811543	-1.23222	0.236903	1.1879	1.1879	0.214982	0.83413	-1.19885		0.9054	0.983616	-1.01666	0.661858	1.1393	1.3936	0.920849	0.986285	-1.01391	0.327709	0.8690206	-1.15071	1.62528	1.49697	0.271801	1
cg26002426	ZNF382	0.252624	0.706408	1.18045	1.18045	0.874436	2.15144	2.15144	0.0853931	1.66493	1.66493	0.600497	1.50482	1.50482	0.2430381	1.15283	1.15283		0.574257	1.73925	1.73925	0.0995449	2.43081	2.43081	0.0244973	2.99388	2.99388	0.0330164	3.691	3.691	1.62527	7.16427	3.97374	1
cg20779362	MAST4;MAST4	0.252634	0.209095	1.81045	1.81045	0.989084	0.993886	-1.00615	0.310506	0.624721	-1.60071	0.576628	1.28772	1.28772	0.269658	0.597237	-1.67421		0.60435	0.791087	-1.26408	0.0230541	0.295694	-3.38188	0.569449	0.772787	-1.29402	0.245421	0.5800131	-1.72405	1.62523	5.17351	2.82955	1
cg23850913	IARI02	0.252635	0.985605	0.992371	-1.00769	0.0156102	0.172381	-2.68542	0.380585	0.682612	-1.46496	0.795398	0.915933	1.09156	1.1932	0.4197453	1.92556		0.0902098	0.4142678	-2.20908	0.4279364	0.3711	-2.69511	0.0712858	0.4545	-2.20041	0.4545	-2.35214	0.8743112	0.095	1.0895	1.62523	4.64268	2.5365	1
cg06826845	CACYBP;CACYBP	0.252639	0.79374	1.04306	1.04306	0.1228703	1.4452	1.4452	0.143162	1.6047	1.6047	0.976398	1.01033	1.01033	0.1113	0.7269	-1.37543		0.249071	0.727044	-1.37543	0.026296	0.4977027	-2.00921	0.4609122	0.822825	-1.21533	0.063389	1.30011	1.30011	1.62521	0.92455	0.386976	1
cg04332513	WDR58	0.252641	0.576299	0.865964	-1.15478	0.11657	1.54447	1.54447	0.109151	1.561	1.561	0.902913	1.0316	1.0316	0.69162	1.10698	1.10698		0.690809	1.10729	1.10729	0.611067	0.877447	-1.13967	0.0443153	0.55496	-1.80193	0.678628	0.899234	-1.11206	1.62521	1.67263	0.914829	1
cg08468116	KBTBD3;KBTBD3	0.252642	0.272557	1.3	1.3	0.2394252	1.14343	1.14343	0.367621	0.78241	1.1222	0.787962	0.8008151	1.24911	0.7911	1.2222	0.78962	0.084799	1.10727	1.10727	0.420455	0.731367	1.36762	-1.36762	0.0172037	-1.72641	0.213886	1.34093	-1.49315	1.62521	18.9684	10.3799	1
cg09915232	ARHGEF10	0.252643	0.146701	1.14103	1.14103	0.0260011	4.49525	4.49525	0.0626443	3.32477	3.32477	0.873667	1.09554	1.09554	0.512167	0.6830319	-1.46409		0.346701	1.74315	1.74315	0.165495	2.33555	2.33555	0.345583	1.74553	1.74553	0.418412	1.60668	1.60668	1.6252	2.46471	4.62971	1
cg00011247	YTHDF3	0.252644	0.347904	1.14106	1.14106	0.1190615	0.982474	0.982474	0.964386	0.830622	-1.20392	0.219079	1.25421	1.25421	0.0712437	0.7025505	-1.42348		0.4907	0.884545	1.13052	0.1150437	0.7409329	-1.34966	0.2439596	1.23196	1.23196	0.0349234	1.96639	1.03477	1.62519	0.790498	0.401257	1
cg10069155	TYRO3	0.252646	0.344004	0.136487	-2.97188	0.0227166	0.21685	-2.16085	0.288441	0.41747	0.41747	0.407652	2.57696	2.57696	0.126133	0.7667	-1.30453		0.928221	0.904193	-1.10596	0.1150437	1.13402	1.13402	0.4903158	0.457023	-2.18807	0.564477	1.9157	1.9157	1.62519	3.32499	2.15842	1
cg00356769	IGF2BP3	0.252646	0.225597	0.681208	-1.46798	0.472189	0.802046	-1.24681	0.0401791	0.491135	-2.03661	0.303161	1.39551	1.39551	0.74917	1.10132	1.10132		0.421324	1.28121	1.28121	0.676581	1.1349	1.1349	0.673286	0.879916	-1.13647	0.148166	1.59609	1.59609	1.62519	2.3422	1.28105	1
cg13609645	AIG1	0.252648	0.0944693	1.2	1.2	0.2394252	1.14343	1.14343	0.367621	0.78241	1.1222	0.787962	0.8008151	1.24911	0.7911	1.2222	0.78962	0.084799	1.10727	1.10727	0.420455	0.731367	1.36762	-1.36762	0.0172037	-1.72641	0.213886	1.34093	-1.49315	1.62519	18.9684	10.3799	1
cg15448495	YAP1;YAP1	0.252649	0.376912	0.81665	-1.22451	0.97846	1.00605	1.00605	0.322668	1.25634	1.25634	0.363072	1.23224	1.23224	0.171555	1.38424	1.38424		0.339742	1.24582	1.24582	0.284088	0.7799905	-1.28221	0.0976217	0.666306	-1.50081	0.161266	1.39683	1.39683	1.62518	1.2844	0.702502	1
cg14810242	RFX8	0.252655	0.700693	0.935339	-1.06931	0.0274207	1.57073	1.57073	0.304558	1.20204	1.20204	0.758232	0.947968	-1.05488	0.597536	1.09659	1.09659		0.0684513	1.42338	1.42338	0.897894	1.02247	1.02247	0.711708	0.9937775	-1.00635	0.170626	1.28729	1.28729	1.62517	0.790983	0.421369	1
cg01022804	BGN	0.252656	0.128653	1.461194	-2.16828	0.0195194	0.264399	-3.78216	0.250521	0.567861	-1.76099	0.932721	1.04059	1.04059	0.26961	0.585706	-1.71908		0.324949	1.619378	-1.61454	0.895231	1.06406	1.06406	0.470621	0.41325	-2.41325	0.970294	1.982603	1.982603	1.62517	0.216515	0.716669	1.32678
cg07467984	ISR88	0.252657	0.542659	1.27906	1.27906	0.5583069	0.425482	-2.35027	0.068506	0.442871	-2.25799	0.82151	0.913705	-1.09445	0.672607	0.843872	-1.18501		0.432399	0.726151	-1.37712	0.204821	1.70631	1.70631	0.227113	0.602638	-1.65937	0.710109	2.16082	2.16082	1.62515	4.10561	2.2456	1
cg18894198	PTPN9;PTPN9;PTPN9	0.252666	0.872153	1.04	1.04	0.2394252	1.14343	1.14343	0.367621	0.78241	1.1222	0.787962	0.8008151	1.24911	0.7911	1.2222	0.78962	0.084799	1.10727	1.10727	0.420455	0.731367	1.36762	-1.36762	0.0172037	-1.72641	0.213886	1.34093	-1.49315	1.62512	18.9684	10.3799	1
cg22540489	SYTL4;SYTL4	0.252666	0.260324	0.592459	-1.68788	0.0831982	0.425227	-2.35168	0.090737	0.435669	-2.29532	0.995033	1.00278	1.00278	0.24108	0.578594	-1.72833		0.3564	0.651526	-1.52642	0.96114	1.02196	1.02196	0.918626	0.95546	-1.04662	0.108958	2.18014	2.18014	1.62511	5.31638	2.79851	1
cg07348768	PRDM16;PRDM16	0.252667	0.634188	1.1	1.1	0.2394252	1.14343	1.14343	0.367621	0.78241	1.1222	0.787962	0.8008151	1.24911	0.7911	1.2222	0.78962	0.084799	1.10727	1.10727	0.420455	0.731367	1.36762	-1.36762	0.0172037	-1.72641	0.213886	1.34093	-1.49315	1.62511	18.9684	10.3799	1
cg16518689	ADAMTS2	0.252681	0.806031	0.897071	-1.11474	0.0151625	3.73285	3.73285	0.0764178	2.4075	2.4075	0.919	0.9560383	-1.04593	0.505401	1.34766	1.34766		0.253623	1.69278	1.69278	0.308721	1.59223	1.59223	0.582897	1.27745	1.27745	0.639167	1.23183	1.23183	1.62506	1.01704	2.74426	1
cg21356104	STX7	0.252682	0.679917	1.04944	1.04944	0.056625	1.28533	1.28533	0.611966	1.06132	1.06132	0.676067	1.0501	1.0501	0.131177	1.20875	1.20875		0.177312	1.18151	1.18151	0.154452	0.8375517	-1.19401	0.1229893	1.21031	1.21031	0.696315	1.04669	1.04669	1.62506	0.348291	0.190512	1
cg20062942	RASAL3	0.252686	0.846926	1.02491	1.02491	0.2026186	0.545022	1.83152	0.0258715	1.23955	1.23955	0.19661	0.8661	-1.15469	0.1260995	2.30482	2.30482		0.238542	0.542185	-1.84439	0.0335808	0.2723222	-3.67313	0.0403853	0.596558	-1.67628	0.013774	1.508778	-1.67007	1.62501	2.36101	1.42838	1
cg05649374	BTBD11;BTBD11	0.252687	0.77331	1.16213	1.16213	0.242288	1.89017	1.89017	0.317114	1.71262	1.71262	0.202596	2.01344	2.01344	0.0883456	0.375971	-2.65978		0.215972	1.96886	1.96886	0.848105	0.9050554	-1.10491	0.138082	0.435736	-2.29497	0.567931	1.35028	1.35028	1.62504	6.96601	3.81038	1
cg00653565	PARP1	0.252688	0.851158	0.932889	-1.07194	0.6752496	0.956736	-1.16861	0.331093	1.04899	1.04899	0.544692	0.919781	-1.21359	0.8234997	0.9674642	-1.03402		0.0684513	1.42

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T vs. 047 vs. N)	Ratio(105T vs. N)	Fold-Change(1-vs-111T vs. 057 vs. N)	Ratio(111T vs. N)	Fold-Change(1-vs-112T vs. 117 vs. N)	Ratio(112T vs. N)	Fold-Change(1-vs-112T vs. 127 vs. N)	Ratio(112T vs. N)	Fold-Change(1-vs-121T vs. N)	Ratio(121T vs. N)	Fold-Change(1-vs-121T vs. 213T vs. N)	Ratio(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(1-vs-347T vs. 477 vs. N)	Ratio(347T vs. N)	Fold-Change(1-vs-353T vs. 537 vs. N)	Ratio(353T vs. N)	Fold-Change(1-vs-537T vs. 537 vs. N)	Ratio(537T vs. N)	Fold-Change(1-vs-537T vs. 377 vs. N)	Ratio(537T vs. N)	Fold-Change(1-vs-563T vs. 637 vs. N)	Ratio(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12975790	BTBD17	0.252911	0.830381	1.089586	1.09386	0.502284	1.32945	1.32945	0.434903	0.735632	1.359152	0.61378	0.80829	-1.237318	0.8042411	2.18211	2.18211	0.0656508	2.37256	2.37256	0.0650389	1.56986	2.36986	0.353809	1.4903	1.4903	0.703552	0.852233	-1.17339	1.62421	4.49935	2.46287	1
cg12417807	A2M	0.252912	0.451871	0.83631	-1.19573	0.150563	1.4324	1.4324	0.96129	0.988756	-1.01137	0.1156697	1.49004	1.49004	0.388374	1.22897	1.22897	0.4513437	1.19594	1.19594	0.0390165	1.74577	1.74577	0.306736	0.7813311	-1.2799	0.763949	1.02726	1.07276	1.62421	1.39918	0.765736	1
cg06314225	VPS51;VPS53;VPS53;VPS51	0.252913	0.987727	1.00391	1.00391	0.263026	1.34406	1.34406	0.55933	1.16138	1.16138	0.573215	0.865679	-1.15516	0.441556	1.22001	1.22001	0.4957439	0.967818	-1.03125	0.9824166	0.9944315	-1.0056	0.00862711	2.33651	2.33651	0.95412	1.01469	1.01469	1.62421	1.65184	0.904014	1
cg08587804	TRIM44	0.252914	0.941883	1.051435	-1.05105	0.0303885	1.68615	1.68615	0.0744127	1.893554	1.893554	0.3640122	1.89103	1.89103	0.7239105	1.784827	1.784827	0.7399009	1.25553	1.25553	0.927793	1.06386	1.06386	0.2187711	2.41952	2.41952	0.13758	0.509034	1.06451	1.62419	12.0002	6.56747	1
cg01534125	MIR1182;FAM89A	0.252919	0.13795	0.280946	-3.55941	0.548462	1.62028	1.62028	0.763767	0.786974	-1.27069	0.4135533	0.51458	-1.94333	0.0649845	0.192635	-5.19117	0.199014	0.34005	-2.94074	0.0416263	0.154604	-6.46815	0.639551	0.68736	-1.45484	0.167844	0.310895	-3.21652	1.62418	16.2496	8.89315	1
cg08615371	MANIC1	0.252926	0.114149	1.44499	1.44499	0.0479104	0.616058	-1.62323	0.538128	0.875011	-1.14284	0.326101	0.804793	-1.24256	0.960235	0.988373	-1.01074	0.637857	1.10689	1.10689	0.237734	0.767271	-1.30312	0.159418	0.72965	-1.37098	0.636986	0.901493	-1.10927	1.62416	1.18015	0.645887	1
cg13125997	PKD1;PKD1	0.252928	0.477762	0.744894	-1.34247	0.04271 49	2.5906	2.5906	0.0547868	2.43227	2.43227	0.573586	1.26116	1.26116	0.711134	0.859175	-1.16391	0.526236	0.769486	-1.29957	0.564345	0.7883861	-1.26841	0.671485	1.19014	1.19014	0.454042	0.732575	-1.36505	1.62415	4.28273	2.34391	1
cg01105068	MAD1L1;MAD1L1;MAD1L1	0.252930	0.7682703	-1.27513	0.2262684	0.495478	-2.01825	0.196305	0.7934406	1.260339	0.4478312	1.22887	1.22887	0.6979388	0.901206	-1.10951	0.607089	1.14654	1.14654	0.364047	0.1657	1.3671	1.3671	0.32942	0.7146351	-1.39932	0.321461	0.761176	-1.31376	1.62415	1.82574	0.999218	1
cg08153528	ECH1	0.252931	0.110323	0.49707	-2.01179	0.520501	1.51033	1.51033	0.548154	1.237645	1.23764	0.2713075	0.661637	1.67613	0.423167	0.7199119	-1.38905	0.67597	1.18395	1.18395	0.145115	1.87485	1.87485	0.503486	1.31354	1.31354	0.47301	0.2229	2.2229	1.62414	4.15061	2.27162	1
cg17502394	TTBK1	0.252935	0.406302	1.26965	1.26965	0.0608964	1.81065	1.81065	0.0878338	1.69798	1.69798	0.614735	1.15329	1.15329	0.885898	0.960453	-1.04118	0.108393	0.611294	-1.63587	0.229161	1.42565	1.42565	0.995988	1.00141	1.00141	0.784286	1.08016	1.08016	1.62413	2.03141	1.1118	1
cg04062486	AMZ1	0.252935	0.417288	0.759374	-1.31687	0.197747	0.78087	1.28087	0.3511828	2.0894	2.0894	0.523173	0.964477	-1.03755	0.189789	0.9645477	-1.03705	0.738948	1.11746	1.11746	0.475378	0.7858262	-1.27255	0.636274	1.10394	1.10394	0.343251	0.722989	-1.38315	1.62413	2.8363	1.55232	1
cg18986048	MYPN	0.252936	0.162142	1.79922	1.79922	0.170786	0.56329	-1.77529	0.927004	0.964583	-1.03672	0.807495	0.908404	-1.10083	0.864284	1.54585	1.54585	0.243734	0.618802	-1.61602	0.170545	0.563084	-1.77594	0.204124	0.519386	-1.92535	0.227604	0.607488	-1.64612	1.62412	3.98338	2.18012	1
cg25288668	KCE1C;KCE1C	0.252940	0.866915	1.040464	1.040464	0.7625516	0.937282	-1.06691	0.02970586	1.82023	1.82023	0.937077	0.979801	-1.02166	0.631586	0.8993977	-1.11972	0.22567	1.34693	1.34693	0.1310086	1.50328	1.50328	0.320338	1.35206	1.35206	0.40469	0.8190842	-1.22388	1.62411	1.40932	0.771336	1
cg19521579	RDH10	0.252941	0.07986005	0.416587	-2.40406	0.0913338	0.434152	-2.30334	0.0744127	0.638235	0.638235	0.4633528	-2.47937	0.689993	0.83535	-1.1971	0.0552351	0.377129	-2.65161	0.268439	0.596174	-1.67736	0.194099	0.539846	-1.85238	0.679185	0.829764	-1.20516	0.238255	0.574473	-1.74073	1.62411	5.17913	2.83459	1
cg13408466	VAV2;VAV2	0.252941	0.421809	0.518065	-1.93026	0.037319	0.144144	-6.9375	0.0673943	0.193479	-5.16852	0.819352	0.832480	-1.20122	0.318532	0.437687	-2.28474	0.284754	0.410436	-2.43643	0.0630312	0.187126	-5.344	0.770207	0.344368	-2.90387	0.980698	0.980797	-1.01958	1.6241	16.5222	9.04276	1
cg12544975	GPR133	0.252953	0.9831383	0.989405	-1.01071	0.1844078	2.62473	2.62473	0.734297	1.19034	1.19034	0.2858871	0.567291	-1.76276	0.135649	0.8339222	-1.19922	0.243773	0.539782	-1.8526	0.136618	0.4403353	-2.27091	0.452542	0.676105	-1.47906	0.19089	0.402461	-2.03062	1.62407	5.73833	2.6826	1
cg24142014	PCGF1	0.252958	0.4988444	0.931555	-1.07347	0.1899311	1.15415	1.15415	0.162539	1.16646	1.16646	0.820531	0.976808	-1.02374	0.338216	1.10733	1.10733	0.4580898	1.08115	1.08115	0.2114774	0.8736637	-1.1446	0.249056	0.883013	-1.13249	0.0897126	1.2131	1.2131	1.62404	0.274301	0.150133	1
cg14538808	PCYT2	0.252996	0.0476232	0.265815	-3.76202	0.431559	1.59343	1.59343	0.480481	1.52135	1.52135	0.487455	1.51095	1.51095	0.438537	0.62983	-1.58733	0.985941	0.989744	-1.01036	0.6419945	1.054	1.054	0.760804	0.84112	-1.18889	0.621633	0.747474	-1.33784	1.62403	8.80417	4.81883	1
cg25638214	KLF6;KLF6;KLF6;KLF6;KLF6;KLF6;KLF6;KLF6	0.252963	1.552236	1.599228	1.599228	0.1584526	1.21849	1.21849	0.0653565	1.47507	1.47507	0.2807165	1.08509	1.08509	0.5140737	0.800175	-1.24973	0.467171	0.781097	-1.28005	0.975784	1.01019	1.01019	0.0609441	0.98531	1.9853	0.959243	2.03434	2.03434	1.62402	2.868	1.56977	1
cg25509544	ZNF519	0.252965	0.617368	1.07857	1.07857	0.3113348	1.17033	1.17033	0.86542	0.974849	-1.0258	0.106493	1.30302	1.30302	0.256869	1.19448	1.19448	0.0737546	0.741314	-1.34896	0.238374	0.830727	-1.20376	0.653367	0.934368	-1.07024	0.353618	1.1541	1.1541	1.62401	0.580031	0.317474	1
cg08168175	LOC642846	0.252968	0.924027	0.973266	-1.02747	0.023975	1.47633	1.47633	-1.09938	0.9705166	0.665125	-1.76952	0.186682	0.6318527	-1.58255	0.9737141	-1.02675	0.506649	0.825795	-1.21095	0.376663	0.7208806	-1.29399	0.640676	1.1335	1.1335	0.183996	0.67006	1.4924	1.62401	2.07583	1.13619	1
cg13054321	JAKMIP1;AKMIP1	0.252968	0.402127	0.742725	-1.34639	0.8095	0.91964	-1.08738	0.841491	0.932903	-1.07192	0.108891	0.836212	-1.86494	0.109647	0.438128	-2.28244	0.605087	0.834486	-1.19834	0.0700583	0.495793	-2.01697	0.323815	1.42398	1.42398	0.454144	0.767609	-1.30275	1.624	3.09457	1.6938	1
cg24111952	MYOM2	0.252972	0.149719	0.693801	-1.44162	0.1042004	0.782516	-1.27837	0.0920984	0.691505	0.02970586	1.82023	1.82023	0.937077	0.979801	-1.02166	0.631586	0.8993977	-1.11972	0.566247	0.1766	1.64576	1.64576	0.607488	0.7909092	1.04151	1.04151	0.831157	1.05067	1.05067	1.62396	1.40932	0.771336	1
cg00252520	ARHGAP10	0.252981	0.2959568	1.48036	1.48036	0.0503592	2.10434	2.10434	0.237719	1.51065	1.51065	0.722515	1.12628	1.12628	0.975716	1.0102	1.0102	0.451863	1.2913	1.2913	0.0396226	2.21151	2.21151	0.386406	0.7436575	-1.34467	0.807633	0.921859	-1.08476	1.62396	2.86132	1.56617	1
cg13828068	RMI1	0.252986	0.0651619	1.44776	1.44776	0.228724	1.25326	1.25326	0.31501	0.830542	-1.20403	0.821696	1.04116	1.04116	0.934313	0.985492	-1.01472	0.99374	0.998599	-1.0014	0.2109431	1.26561	1.26561	0.0806383	0.7073331	-1.41376	0.757552	1.0569	1.0569	1.62394	0.821417	0.449616	1
cg14408465	MOGA2	0.252989	0.13022	1.44482	1.44482	0.123183	1.46295	1.46295	0.0240383	1.83974	1.83974	0.838819	1.95491	1.95491	-1.04721	0.8019995	1.03798	1.03798	1.03798	0.7394297	1.19504	0.4134748	1.20848	1.20848	0.7393142	0.927101	-1.07863	0.44716	0.8390449	-1.19183	0.580048	1.13495	1.13495	0.62393	1.31946	0.7322233	1
cg14552376	CCDC85A	0.253001	0.876366	0.97182	-1.029	0.119257	1.36398	1.36398	0.960628	1.0091	1.0091	0.5642161	0.898517	-1.11295	0.53238	1.12312	1.12312	0.0445439	0.65473	-1.52735	0.7112461	0.9342293	-1.07033	0.531175	0.8900663	-1.12352	0.0867459	0.706569	-1.41529	1.62388	0.866961	0.474561	1
cg25480975	TGDI1;TGDI1;EIF4E2	0.253002	0.962313	0.991899	-1.00817	0.803707	1.04403	1.04403	0.0645924	1.43186	1.43186	0.2608629	1.42004	1.42004	0.2275005	1.15095	1.15095	0.4185727	0.629831	-1.58753	0.1115964	0.6744173	-1.54385	0.7192466	0.9855842	-1.01456	0.1084	0.1084	1.62388	0.708241	0.422162	1
cg26338725	GFRA1;GFRA1;GFRA1	0.253006	0.784314	0.945278	-1.05789	0.2005713	1.77805	1.77805	0.640986	0.908162	-1.10113	0.141901	1.38253	1.38253	0.851808	1.17028	1.17028	0.3886334	1.19869	1.19869	0.0971444	1.45273	1.45273	0.404568	1.19117	1.19117	0.554382	1.13051	1.13051	1.62386	1.08209	0.592327	1
cg03777681	C10orf62;DHDPSL;DHDPSL	0.253007	0.544953	0.846664	-1.18111	0.964024	1.01233	1.01233	0.0188585	0.461709	-2.16587	0.695052	1.11297	1.11297	0.567439	1.17003	1.17003	0.3133369	0.753294	-1.3275	0.292608	1.34533	1.34533	0.376741	0.7815584	-1.27945	0.254598	0.723842	-1.38152	1.62386	1.89835	1.03914	1
cg10105328	C10jC1428	0.253015	0.9625163	0.984404	-1.01587	0.403585	1.16364	1.16364	-1.30486	0.9330564	0.64044	-2.22005	0.176446	0.8203159	-1.21899	0.6818917	-1.46637	0.26664	1.43578	1.43578	0.1812129	1.5582	1.5582	0.889526	0.9574564	-1.04439	0.881237	0.954352	1.04783	1.62386	2.51197	1.17304	1
cg00919239	PRKRIP1	0.253014	0.167761	0.811072	-2.13294	0.122549	1.26911	1.26911	0.24376	0.84055	-1.1897	0.381772	1.15099	1.15099	0.241181	1.19094	1.19094	0.4926217	0.81198	-1.05092	0.124526	1.26726	1.26726	0.462575	0.8989713	-1.11238	0.755475	0.956482	-1.0455	1.62383	0.521609	0.285563	1
cg13423389	KIAA1949;KIAA1949	0.253015	0.624303	1.069821	1.069821	0.6668461	0.755164	-1.32472	0.794784	1.03627	1.03627	0.47979	0.906482	-1.10317	0.3910993	1.02714	1.02714	0.4926217	0.98101	-1.00993	0.6763473	1.3093	1.3093	0.280952	1.16212	1.16212	0.960975	1.00671	1.00671	1.62383	0.480946	0.207107	1
cg09493857	TACJor663	0.253021	0.172031	0.833794	-1.19994	0.4020661	1.16322	1.16322	0.703096	1.0442	1.0442	0.6810021	1.02271	1.02271	0.339499	0.884182	-1.13099	0.415233	0.901113	-1.10974	0.1017	0.877901	-1.13907	0.941282	1.25855	1.25855	0.183766	1.20349	1.20349	1.62381	0.402061	0.220092	1
cg27188623	WDR90	0.253022	0.481386	1.867279	1.867279	0.5253585	1.13661	1.13661	0.0641356	0.6401041	1.562726	0.2629612	0.878526	1.2698	0.133416	0.7232217	1.38271	0.820628	0.955818	-1.04622	0.0977107	1.43552	1.43552	0.729279	0.9310353	-1.07405	0.696409	1.08108	1.08108	1.6238	1.01818	0.557364	1
cg08289177	CXCL17;LIR1	0.253022	0.200843	0.620279	-1.61218	0.979295	1.00922	1.00922	0.284137	0.674805	-1.48191	0.632639	0.84346	-1.18559	0.0522475	0.458205	-2.18243	0.31624	1.44236	1.44236	0.126345	0.557322	-1.7943	0.235906	1.55128	1.55128	0.666307	0.85782	-1.16575	1.6238	3.21367	1.7592	1
cg13125154	UCP1	0.253025	0.591682	0.799383	-1.25098	0.3819	0.84319	-1.18619	0.0615554	0.92275	0.92275	0.402817	1.24831	1.24831	0.2441911	0.7492222	-1.33462	0.7739205	0.938035	-1.06542	0.7238574	0.8376986	-1.19407	0.822665	1.24582	1.24582	0.144238	0.8145	1.2458	1.62381	0.41964	0.21514	1
cg17381426	ADCK2	0.253032	0.510966	0.693639	-1.44167	0.0231346	0.43665	0.43665	0.115088	2.56001	2.56001	0.677651	1.25777	1.25777	0.482718	0.676039	1.47921	0.588324	1.3462	1.3462	0.663762	1.27123	1.27123	0.997181	1.00567	1.00567	0.315034	0.565716	1.76767	1.62377	3.74115	4.23769	1
cg11803859	CHST15	0.253034	0.983229	1.00742	1.00742	0.477994	0.775907	-1.28881	0.816002	1.08539	1.08539	0.874345	1.05721	1.05721	0.1007801	0.9243	-1.08357	0.312033	0.692353	-1.44435	0.747926	1.12003	1.12003	0.791093	0.9108892	-1.09782	0.162735	0.592225	-1.68855	1.62376	3.17825	1.73986	1
cg25480975	MGADE1;MAGED1;MAGED1	0.253034	0.9351692	0.989405	-1.01071	0.1844078	2.62473	2.62473	0.734297	1.19034	1.19034	0.2858871	0.567291	-1.76276	0.135649	0.8339222	-1.19922	0.2157885	0.4092	-2.44279	0.0796511	0.6744173	-1.54385	0.7192466	0.9855842	-1.01456	0.1084	0.1084	1.62376	0.708241	0.422162	1
cg16124546	ECD;FAM149B1;ECD;ECD;ECD	0.253035	0.310553	0.416384	-2.40163	0.0822376	0.185459	-5.39202	0.13201	0.243231	-4.04329	?	?	?	?	?	?	0.614081	1.518	1.518	?	?	?	?	?	?	0.102621	0.21235	-4.7092	0.777186	0.792926	-1.26115	1.8777	12.1279	5.3824	1
cg09430164	LSM12	0.253036	0.107353	0.476984	-2.09707	0.1547354	0.47211	0.47211	0.14539	0.33144	0.33144	0.1583313	0.48385	-2.06752	0.0702567	0.315335	-3.17123	0.2684874	0.332225	-3.01062	0.0674816	0.3114439	-3.2109	0.4018809	0.613133	0.613133	0.196656	0.46096	1.62376	1.62376	1.34005	0.67932	1
cg05082085	EIF4G2;EIF4G2	0.253041	0.805127	0.950286	-1.05231	0.130763	1.40269	1.40269	0.268071	1.27028	1.27028	0.616989	0.900717	-1.11023	0.6304045	0.904351	-1.10577	0.0805057	1.49483	1.49483	0.299119	0.79998	-1.25003	0.464366	1.16699	1.16699	0.0794898	1.49729	1.49729	1.62374	1.10593	0.605422	1
cg09191383	FAM21C;FAM21C;FAM21C	0.253049	0.517734	0.734411	-1.36145	0.116223	1.21242	1.21242	0.23464	0.8346	0.898038	0.03727	1.03727	1.03727	0.4010967	0.9049403	-1.10509	0.7870567	0.407041	-2.44557	?	?	?	?	?	?	0.102621	0.212355	0.4092	-2.44279	0.0796511	0.6744173	-1.54385	0.7192466	0.9855842	-1.01456	0.1084	0.1084	1.62374	0.708241	0.422162	1
cg01281005	ATP11A;ATP11A	0.253051	0.685281	0.887194	-1.12703	0.107812	1.03641	1.03641	0.0354086	2.13034	2.13034	0.991902	1.00314	1.00314	0.0674536	0.212353	1.01253	0.3134142	0.738839	-1.35368	0.0379628	2.12023	2.12023	0.403416	0.9407666	-1.06296	0.930037	0.973377	1.02735	1.6237	1.45464	1.13404	1
cg26861460	PARVG;PARVG;PARVG;PARVG	0.253062	0.0984694	3.31192	3.31192	0.315479	1.98557	1.98557	0.514884	0.646342	-1.54717	0.16648	2.65105	2.65105	0.625304	0.722345	-1.38438	0.397991	1.77164	1.77164	0.1148494	2.78484	2.78484	0.0614587	4.02429	4.02429	0.160743	2.69154	2.69154	1.62366	11.2307	6.14838	1
cg05847778	BBS5	0.253062	0.202663	0.700968	-1.42743	0.0729874	1.3781	1.3781	0.2618065	1.37005	1.37005	0.2775197	1.31741	1.31741	0.3134506	0.7312165	-1.36758	0.2410854	1.49131	1.49131	0.1218958	1.730388	1.730388	0.1369144	1.4459	1.4459	0.0625384	1.20782	1.20782	0.970546	1.091068	-1.00901	1.62366	1.5856	0.831354	1
cg16350225	RCSD1	0.253069	0.06464864	1.79376	1.79376	0.31964	1.30151	1.30151	0.168569	0.686646	-1.45635	0.903878	1.03144	1.03144	0.154885	1.47714	1.47714	0.259876	1.35143	1.35143	0.165774	1.46045	1.46045	0.909627	0.971323	-1.02952	0.445863	1.22033	1.22033	1.62363	1.68845	0.924373	1
cg21167756	GAUN79	0.253073	0.765917	0.76356	-1.30956	0.42409	1.24867	1.24867	0.437227	0.723356	0.723356	0.4145362	0.206366	0.206366	0.8814488	1.15832	1.1443	0.1443	0.6457253	-1.54832	0.2463258	2.454501	2.454501	0.929306	0.6642975	0.158363	-6.31445	0.5048236	0.8443111	1.84431	0.44168	0.402217	-2.01562	1.62362	20.9524	11.4983	1
cg24009737	CTBP2;CTBP2	0.253075	0.9656	0.9653	1.034613	0.190712	0.38302	-2.38302	0.0233938	0.48905	-2.04501	0.1863	1.48905	1.48905	0.3510497	1.82491	1.82491	0.1067411	0.5153634	-1.94055	0.3101537	0.3622278	0.970794	-1.03008	0.0625128	2.37027	2.37027	0.1412233	0.69556	-1.69556	0.305254	1.94616	1.94616	1.62361	0.101021	0.52957	1
cg21467904	MED10	0.253076	0.635087	0.906995	-1.10254	0.397672	0.837923	-1.19343	0.419564	1.18341	1.18341	0.172772	1.34482	1.34482	0.120513	0.709034	-1.41037	0.107798	0.68847	-1.43093	0.662251	0.9141621	-1.0939	0.119846	0.708522	-1.41139	0.234033	0.775121	-1.29012	1.62361	1.07211	0.586956	1
cg08119452	OLFM4	0.253077	0.639881	0.81473	-1.22753	0.1744	0.74527	-1.34155	0.0723566	0.346045	0.3758	0.147242	0.522556	1.91372	0.0127	0.5255605	-1.90255	0.347706	0.680206	-1.4705	0.162314	0.5836567	-1.8637	0.4223	0.7000779	-1.42841	0.134769	0.5102407	-1.95984	1.6236	4.7909	2.74561	1
cg27559630	PCBD2	0.253083	0.675148	0.862842	-1.15896	0.906313	1.04216	1.04216	0.153996	0.586161	-1.70601	0.386117	1.36474	1.36474	0.523592	1.25388	1.25388	0.0361078	0.426109	-2.34682	0.3121132	0.6985351	-1.43157	0.201717	1.60295	1.60295	0.7885572	1.09864	1.09864	1.62358	3.14999	1.72458	1
cg03832009	STARD8;STARD8;STARD8;STARD8	0.253089	0.17362	0.477504	-2.09422	0.242663	0.535635	-1.86694	0.033209	0.2722	-3.67377	0.845019	0.904903	-1.10509	0.791567	0.4097041	-2.44057	0.2704	0.3697	-2.70517	0.0481	0.1635	0.1635	-6.11599	0.1635	0.1635	0.0620133	0.1635	0.1635	0.0620133	0.1635	0.1635	0.0620133

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1-vs-1317 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error)	SS(Test)	SS(Error)	df
cg10858746	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA10;PCDHGB1;PCDHGC5;PCDHGB2;PCDHGC3;PCDHGB3;PCDHGC4	0.253353	0.73877	1.09887	1.09887	0.50698	0.827251	-1.20882	0.213951	0.691695	-1.44572	0.469098	0.812624	-1.23058	0.890363	1.03962	1.03962														
cg17384663	GJC3	0.253364	0.68533	1.94808	-1.0544	0.406634	1.35977	1.35977	0.402759	0.894633	-1.11778	0.328875	0.877187	-1.14001	0.698001	0.950562	-1.05201		0.641423	1.06288	1.06288	0.846505	1.02552	1.02552	0.692012	1.05314	1.05314	0.06295	0.761846	-1.3126	1.62255	0.434494	0.238031	1
cg16142698	DNAJC13	0.253364	0.82598	1.25365	1.25365	0.07380197	0.133943	-7.46588	0.937875	0.203091	-1.08332	0.810015	1.28052	1.28052	?	?			0.7992687	1.29898	1.29898	0.479904	1.09027	2.09027	0.0252748	0.065101	-15.3466	0.64363	0.618941	-1.61566	1.62683	24.1392	14.8382	1
cg06719495	SEC31A;SEC31A;SEC31A;SEC31A;SEC31A	0.253364	0.841389	0.919553	-1.08748	0.303618	1.47141	-1.46162	0.0462815	0.443234	-2.16564	0.681449	1.1267	1.1267	0.0305535	0.404421	-2.47267		0.428866	0.749087	-1.33336	0.71375	1.14024	1.14024	0.677393	1.16071	1.16071	0.0914953	0.869819	-1.03112	1.62253	3.26286	1.78563	1
cg25194470	MEGF11	0.253373	0.102046	0.351124	-2.98397	0.0426294	2.040574	-4.15672	0.0464981	0.248725	-4.0205	0.464547	0.634608	-1.57578	0.239942	0.471565	-2.1206		0.172937	0.412303	-2.4254	0.268748	0.49476	-2.02118	0.189634	0.427944	-2.33675	0.668948	0.768912	-1.30054	1.62251	9.590838	5.25405	1
cg24046616	FABP1	0.253378	0.372369	0.499794	-2.00082	0.441989	0.552281	-1.81067	0.0904827	0.243509	-4.10662	0.259505	0.410328	-2.43707	0.0453194	0.175727	-5.69066		0.207373	0.365359	-2.73703	0.0766075	0.225021	-4.44404	0.0915118	0.244824	-4.08457	0.194441	0.353622	-2.82788	1.6225	14.7371	8.07376	1
cg27619136	SAP30	0.25338	0.340369	0.809571	-1.14999	0.960204	1.00551	1.00551	0.287469	1.1701	1.1701	0.0369461	0.70848	-1.41147	0.0985974	0.772889	-1.29385		0.515673	0.910512	-1.09828	0.770525	0.959253	-1.04248	0.841467	0.971918	-1.02889	0.262877	1.18061	1.18061	1.62249	0.519846	0.2848	1
cg10575219	ATXN7L1;ATXN7L1	0.25338	0.07414459	0.166417	-6.07471	0.524309	0.57511	-1.79498	0.850461	0.842905	-1.18637	0.260582	0.345106	-2.89741	0.0420122	0.119514	-8.36724		0.333663	0.404768	-2.47055	0.0982227	0.193152	-5.17727	0.129247	0.22624	-4.42009	0.130131	0.227138	-4.4026	1.62249	21.1211	11.5713	1
cg07440743	PPP3R3C	0.253384	0.537996	0.899134	-1.11218	0.0288805	0.644471	-1.55166	0.482407	0.885287	-1.12945	0.394643	1.56028	1.56028	0.7802133	1.04885	1.04885		0.983705	0.996324	-1.00349	0.111793	1.34351	1.34351	0.818523	0.965807	-1.0354	0.3479328	1.17913	1.17913	1.62248	0.2470082	0.409296	1
cg00085061	RIPK4	0.25339	0.450153	0.655271	-1.43829	0.446452	0.693126	-1.44274	0.735055	0.851774	-1.17402	0.783674	1.13881	1.13881	0.120495	0.45138	-2.21543		0.199014	0.526752	-1.89843	0.0134887	0.235855	-4.23989	0.0942611	1.0034	1.0034	0.2816111	0.589467	-1.69645	1.62245	5.73274	3.14078	1
cg03638937	PKP3	0.253391	0.59041	1.08091	1.08091	0.308487	1.16283	1.16283	0.422975	0.889423	-1.12432	0.104484	0.775621	-1.28929	0.0576024	1.36626	1.36626		0.24343	0.839661	-1.19096	0.50398	1.10196	1.10196	0.71704	1.05349	1.05349	0.587331	0.924541	-1.08162	1.62245	0.5267884	0.288608	1
cg00749991	PTPRN	0.253394	0.122134	0.780793	-1.28075	0.237337	1.26005	1.26005	0.79369	1.07514	1.07514	0.735462	0.613156	1.63056	0.0422398	1.00998	1.00998		0.363379	0.835442	-1.19697	0.0198187	1.71849	1.71849	0.709355	0.930417	-1.07472	0.827936	1.04286	1.04286	1.62245	0.9501	0.525126	1
cg19909661	SSPN;SSPN	0.253395	0.117494	0.0666523	-15.0032	0.659486	0.493446	-2.02656	0.869927	0.770236	-1.2983	0.272113	0.16187	-6.17781	0.124077	0.070449	-14.1947		0.161435	0.092355	-10.8278	0.0435373	0.0247918	-40.3358	0.0777627	0.0440447	-22.7042	0.16534	0.0946838	-10.5615	1.62243	65.2026	35.7228	1
cg08157623	CNRIP1;CNRIP1;CNRIP1;CNRIP1	0.253397	0.925329	1.02317	1.02317	0.368022	1.2456	1.2456	0.807266	0.9436	-1.05977	0.0651597	0.611812	-1.63449	0.9167	1.02516	1.02516		0.74526	0.92549	-1.08051	0.0506385	0.586194	-1.70597	0.674253	0.623566	-1.60368	0.584189	0.876981	-1.14028	1.62243	1.44963	0.79422	1
cg08171022	PPP1A1;PPP1A1	0.253399	0.130254	0.556839	-2.80238	0.516151	1.44566	1.44566	0.154685	2.63432	2.63432	0.621356	0.730568	-1.3688	0.0659593	0.270867	-3.69181		0.552687	0.684732	-1.46043	0.111267	0.364088	-2.97187	0.620385	0.72992	-1.37003	0.403153	0.589075	-1.71505	1.62242	10.2159	5.5971	1
cg14226929	PDE6G;PDE6G;PDE6G	0.253401	0.40731	1.34028	1.34028	0.262651	0.667957	-1.4971	0.0273523	0.405759	-2.46452	0.169279	1.65858	1.65858	0.931954	0.970923	-1.02995		0.569108	0.81969	-1.21997	0.362335	1.38196	1.38196	0.614067	0.838876	-1.19207	0.925474	0.96819	-1.03286	1.62241	3.06764	1.6807	1
cg26576440	MUC5B	0.253405	0.905798	1.03997	1.03997	0.0316919	2.26159	-2.62336	0.0619727	0.34222	-2.92	0.14402	1.14402	1.14402	0.695178	1.11995	1.11995		0.135269	0.586878	-1.70393	0.355986	1.06194	1.06194	0.760773	1.10637	1.10637	0.1624	2.815451	1.54254	1
cg19787694	PRTN3	0.253406	0.204912	0.428365	-2.33446	0.141153	0.366755	-2.72662	0.483529	0.636795	-1.57036	0.742728	0.811583	-1.23216	0.0625261	0.264853	-3.77569		0.442569	0.608818	-1.64253	0.0425655	0.227644	-4.39283	0.0614597	0.263061	-3.80139	0.416893	0.591046	-1.69192	1.6224	10.3223	5.65545	1
cg02939139	RASAL1	0.253415	0.535228	0.785181	-1.27359	0.230722	0.616166	-1.62294	0.0312172	0.377706	-2.64756	0.504417	1.2981	1.2981	0.334024	0.6813	-1.46778		0.240215	0.622753	-1.60577	0.0512123	0.425341	-2.35163	0.712008	0.865019	-1.15351	0.9989002	1.00518	1.00518	1.62238	3.81152	2.0883	1
cg08024822	STEAP3;STEAP3;STEAP3	0.253415	0.338527	0.429807	-2.32617	0.0135007	0.0730557	-13.6886	0.0802953	0.190089	-5.26068	0.970187	1.0315	1.0315	0.185947	0.503181	-1.32026		0.541189	0.589015	-1.69775	0.590904	0.628549	-1.59097	0.390983	0.471358	-2.12151	0.703959	0.721312	-1.38636	1.62236	18.815	10.3087	1
cg12031291	TAPBP;TAPBP;RGL2;RGL2	0.253415	0.944966	1.0197	1.0197	0.986423	0.995203	-1.00482	0.0280823	0.889625	-1.12407	0.104101	1.65224	1.65224	0.3864	1.28519	1.28519		0.273362	1.38005	1.38005	0.2131791	0.690765	-1.44767	0.0539905	0.538963	-1.85541	0.510494	1.20758	1.20758	1.62236	2.05173	1.12414	1
cg15184386	TMEM22;TMEM22;TMEM22	0.253416	0.980468	1.0175	1.0175	0.554581	1.52681	1.52681	0.0147363	1.83638	1.83638	0.739244	0.78925	-1.26703	0.266326	0.640176	-1.27182		0.560327	0.65888	-1.51773	0.472378	0.595788	-1.67845	0.78507	-1.2728	0.472272	0.596432	-1.67654	1.62236	12.898	7.06079	3.8	1
cg27086638	WDR13;WDR13;WDR13;WDR13 CADPS;CADPS;CADPS;CADPS;CADPS;CA	0.253418	0.324929	0.417763	-2.3937	0.847286	0.847425	-1.18005	0.64397	0.670582	-1.49124	0.518428	1.75444	1.75444	0.140081	0.255861	3.90837		0.0146764	0.0758068	-13.1914	0.404018	0.480372	-2.08172	0.2844	0.384868	-2.5983	0.780777	1.27069	1.27069	1.62235	18.9445	10.3797	1
cg15975055	DPS	0.253424	0.176422	1.41636	1.41636	0.046273	1.73845	1.73845	0.826675	0.948271	-1.05455	0.0614317	0.695169	1.65971	0.0696225	1.26427	1.26427		0.156414	1.44367	1.44367	0.896246	1.0321	1.0321	0.346088	1.26454	1.26454	0.130452	1.48527	1.48527	1.62233	1.50731	0.825867	1
cg20485995	HBS1L;HBS1L;HBS1L	0.253424	0.0531787	0.5491	-1.82116	0.6688038	0.573635	-1.74327	0.791085	1.07514	1.07514	0.831978	0.94367	-1.05969	0.597163	1.15666	1.15666		0.116726	1.59215	1.59215	0.552956	0.848917	-1.17797	0.673626	0.890833	-1.12255	0.697336	0.898838	-1.11255	1.62232	1.91335	1.04835	1
cg13174425	FEZF2	0.253443	0.127859	0.737197	1.35623	0.794004	1.26005	1.26005	0.468414	1.09104	1.09104	0.712245	1.12245	0.0514361	0.543592	0.70595	-1.41659		0.118111	1.26454	1.26454	0.2160594	0.710782	-1.40705	0.0744172	0.70006	2.70006	0.1139906	0.722018	0.486871	0.623235	0.6054253	0.97581	1.74026	0.451351	1
cg10551048	SOS2 SLC26A5;SLC26A5;SLC26A5;SLC26A5;SL	0.253435	0.418438	0.754863	-1.32474	0.657413	1.16394	1.16394	0.0259447	2.45751	2.45751	0.904551	0.974952	-1.02569	0.116724	0.56007	-1.78549		0.436566	1.30991	1.30991	0.62093	0.844526	-1.1841	0.370436	1.36729	1.36729	0.837993	1.07211	1.07211	1.62229	2.97238	1.62863	1
cg01152800	C26A5	0.253436	0.961944	0.978174	-1.02231	0.0784463	0.404908	-2.4697	0.0664311	0.385945	-2.59104	0.630209	0.799029	-1.25152	0.269276	0.587364	-1.70252		0.837237	0.909248	-1.09981	0.473901	1.40055	1.40055	0.476491	0.715461	-1.3977	0.0436565	0.342083	-2.92326	1.62229	5.4962	3.0115	1
cg13233929	CARKD	0.253438	0.667846	0.916549	-1.09105	0.188483	1.32481	1.32481	0.262892	1.26569	-1.2669	0.880034	0.675665	-1.48002	0.630439	1.10262	1.10262		0.427525	1.17765	1.17765	0.273114	0.794348	-1.25889	0.133791	1.386	1.386	0.544674	0.883592	-1.13174	1.62228	1.04693	0.573641	1
cg02036361	GAP43;GAP43;GAP43;GAP43	0.253441	0.08699	0.400105	-2.49999	0.0615	0.160681	-6.22355	0.0618	0.184263	5.43555	0.0555	0.116551	-1.04651	0.388187	0.842913	-1.18656	0.672326	0.188684	0.793111	-1.2606	0.0318356	0.6691	-1.44279	0.94696	0.98723	-1.01293	0.116756	1.38564	1.62226	0.95876	0.523334	1
cg12634208	ANK1;ANK1;ANK1;ANK1;ANK1	0.25345	0.123761	0.488697	-2.04626	0.360694	0.667908	-1.49721	0.217886	0.573074	-1.74498	0.359684	0.667309	-1.49856	0.129947	0.495205	-2.019		0.894363	1.05872	1.05872	0.0354346	0.349274	-2.86308	0.678539	0.836094	-1.19604	0.0638369	0.408697	-2.44684	1.62223	4.73993	2.5972	1
cg21553389	CUTA;CUTA;CUTA;CUTA;CUTA	0.253453	0.868354	0.942363	-1.06121	0.0851114	0.764534	-1.30953	0.702784	0.775993	0.95667	-1.0561	0.675737	1.48031	0.0756373	1.18032	1.18032		0.879043	1.13157	1.13157	0.515586	1.10546	1.10546	0.384966	1.05207	1.05207	0.557511	1.18564	1.18564	1.62226	0.6087653	0.3319323	1
cg23659289	ARHGAP27;ARHGAP27	0.253455	0.640351	0.6214046	-1.60925	0.114294	0.17914	-5.67914	0.0991978	0.621827	-1.61827	0.320501	0.35426	-2.82279	0.170195	0.228674	-4.37305		0.165809	0.224398	-4.45636	0.98128	0.976555	-1.02401	0.419744	0.434507	-2.30146	0.910541	1.10756	1.10756	1.62221	26.2659	14.3924	1
cg20114732	?	0.253458	0.0673154	78.494	78.494	0.251824	12.7761	12.7761	0.0842423	58.2604	58.2604	0.919891	0.807287	-1.23872	0.571202	3.3798	3.3798		0.629677	0.355606	-2.8121	0.697887	0.43613	-2.29289	0.0620363	87.4602	87.4602	0.232146	14.3916	14.3916	1.6222	116.351	63.7545	1
cg24745327	NEAT1	0.253461	0.7409051	1.14043	1.14043	0.6507093	0.777993	1.15679	0.3855	0.775993	1.27993	0.27993	0.807287	-1.23872	0.571202	1.03245	1.03245		0.426524	1.27399	1.27399	0.2193442	0.710782	-1.40705	0.0744172	0.709343	1.40949	0.1091144	0.7292423	1.10911	1.10911	1.62221	1.05049	0.5122	1
cg21100638	SPNS3	0.253462	0.606632	0.752891	-1.32821	0.0853217	0.8279	0.8279	0.0992066	0.68512	-2.68512	0.733221	0.829468	-1.20559	0.101159	0.379942	-2.63198		0.959358	1.08224	1.08224	0.754461	0.842431	-1.18704	0.368043	0.603732	-1.65636	0.320342	0.570545	-1.75271	1.62219	7.67316	4.20456	1
cg16709110	SLC25A22	0.253463	0.0775375	0.5464	-1.83013	0.0570705	0.0007	0.0007	-1.3253	0.0618652	-1.61837	0.0422649	0.388638	-2.57227	0.0994501	0.440597	-2.27027		0.0526022	0.727925	-1.37377	0.282601	0.494455	-2.02143	0.0617463	0.0852215	-11.7343	0.0758752	0.0995089	-10.0479	1.62218	12.888	7.06079	1
cg12877723	PENK;PENK	0.25347	0.984359	0.987612	-1.01254	0.0927728	0.30846	-3.24191	0.772329	1.20259	1.20259	0.302154	1.92175	1.92175	0.549424	0.680337	-1.46986		0.622032	0.727925	-1.37377	0.282601	0.494455	-2.02243	0.0367146	0.67995	4.67995	0.792029	0.845317	-1.18299	0.622616	10.3888	5.69272	1
cg12629956	RFESD;RFESD;RFESD;RFESD	0.253475	0.228248	0.852825	-1.17257	0.537728	0.924455	-1.08172	0.247611	1.16436	1.16436	0.590653	0.931927	-1.07075	0.260153	1.15707	1.15707		0.470386	1.09685	1.09685	0.125427	0.811576	-1.23217	0.0593718	0.764961	-1.30726	0.923622	0.988001	-1.01214	1.62214	0.407136	0.2231	1
cg10342884	ZNF428	0.253481	0.338656	2.32838	2.32838	0.178163	1.32481	1.32481	0.36764	1.26081	2.63077	0.613666	0.74535	-1.34161	0.0596535	0.38121	-2.62297		0.156357	2.212	2.212	0.0445257	0.13483	-7.41673	0.0437609	0.36632	2.73148	0.0433911	0.96372	0.182349	1.36632	1.76907	18.7984	8.70823	1
cg10606544	EPAS1	0.253485	0.266462	1.42529	1.42529	0.0344414	2.13955	2.13955	0.12985	1.65005	1.65005	0.47996	0.802699	-1.2458	0.934706	1.0254	1.0254		0.424106	0.778912	-1.28384	0.17441	1.55069	1.55069	0.440511	1.27221	1.27221	0.745606	0.905166	-1.10477	1.6221	2.4066	1.31878	1
cg07288361	ITGA1	0.253488	0.515537	0.681673	-1.46703	0.794004	0.727259	-1.37513	0.849623	1.02268	1.02268	0.916159	0.779795	-1.28233	0.0496389	0.797434	-1.25403	0.0495225	0.604624	0.884309	-1.1383	0.0170275	0.384674	-2.59825	0.0843372	0.940957	-1.06275	0.684433	1.62205	4.26265	2.32964	1
cg04330597	SH3BP4	0.253502	0.385063	1.94336	1.94336	0.379382	0.510273	-1.95974	0.319319	0.464015	-2.1551	0.27816	2.31951	2.31951	0.536571	0.626277	-1.59674		0.806198	1.832444	1.20128	0.500514	0.600386	-1.6656	0.0372237	0.57581	0.67581	0.188614	2.82709	2.82709	1.62204	14.3	7.8365	1
cg15032446	PPAN-P2RY11;P2RY11	0.253551	0.147331	0.707147	-1.42334	0.288181	0.779359	-1.28304	0.0442148	0.725752	-1.37788	0.240459	1.32102	1.32102	0.102371	0.667018	-1.49921		0.900198	1.01578	1.01578	0.883598	1.37657	1.37657	0.746076	1.07638	1.07638	0.435318	0.895014	-1.11758	1.6221	0.3183	0.192447	1
cg16647607	ISM1	0.253511	0.733841	0.922834	-1.08362	0.578843	1.14103	1.14103	0.2204038	1.1541	1.1541	0.233879	1.34132	1.34132	0.181703	1.39596	1.39596		0.0390756	1.75407	1.75407	0.059892	1.9478	1.9478	0.278209	1.30384	1.30384	0.456915	1.19515	1.19515	1.62201	1.42231	0.779449	1
cg01014432	CABLES2	0.253514	0.111558	0.731661	-1.29641	0.411531	0.881813	-1.13403	0.776372	0.95824	-1.04358	0.413131	0.882255	-1.13346	0.0426044	0.704919	-1.4186		0.964522	1.00668	1.00668	0.0712445	0.739483	-1.3523	0.0657239	0.739358	-1.36251	0.442398	0.889301	-1.12448	1.622	0.5763662	0.315859	1
cg15628756	UBE2Q1	0.25357	0.5407	1.08112	1.08112	0.5407	0.628651	-1.59101	0.0855	0.628651	1.59101	0.0855	0.628651	1.59101	0.0855	0.606442	-1.64913		0.242621	0.646947	-1.54643	0.33888	0.38575	1.33925	-1.34	0.0732345	0.833001	1.20048	0.833001	1.20048	1.62198	0.9713	0.8887	1
cg13109030	FARP1;FARP1;RNF113B	0.25352	0.808045	1.04494	1.04494	0.807279	0.956816	-1.04513	0.0235388	1.62992	1.62992	0.86114	1.03213	1.03213	0.878306	1.02806	1.02806		0.607489	1.0981	1.0981	1.0981	0.0274831	1.60157	1.60157	0.607289	1.09816	1.09816	0.992631	1.00167	1.00167	1.62198	0.8783076	0.45929	1
cg12549011	CDB;CDB;CDB;CDB;CDB;CDB	0.253521	0.257422	1.14801	1.14801	0.410371	1.33495	1.33495	0.519954	1.07811	1.07811	0.673642	0.952328	-1.05006	0.0122492	1.28992	1.28992		0.525036	0.407366	-2.4547	0.0163879	0.194177	-5.14993	0.0124859	0.202014	-4.95133	0.0123856	0.170984	-5.84793	0.0202316	0.115625	1.62197	0.9458	0.187196	1
cg12531038	TRIO	0.253541	0.376919	0.457941	-2.18369	0.347231	1.69328	1.69328	0.26429	1.87509	1.87509	0.0705776	0.858043	-1.16544	0.0243009	0.232037	-4.30966		0.533363	1.709437	-1.40957	0.505734	0.692506	-1.44403	0.0900004	1.10076	1.10076	0.358713	0.598369	-1.67121	1.62196	7.66019	4.16844	1
cg14226747	PDE6B;PDE6B;PDE6B	0.253528	0.122212	0.568769	-1.75818	0.379101	0.737879	-1.35524	0.553008	0.816953	-1.22406	0.558064	0.819104	-1.22085	0.126226	0.57274	-1.74599		0.6386	0.852691	-1.17276	0.124156	0.570703	-1.75223	0.0712826	1.97121	1.97121	0.616874	0.843735	-1.18521	0.162195	2.95158	1.59763	1
cg02567144	EPHC1;EPHC1	0.253531	0.778347	1.03391	1.03391	0.2020773	1.17253	1.17253	0.849623	1.02268	1.02268	0.916159	0.779795	-1.28233	0.0496389	0.797434	-1.25403	0.0495225	0.514957	0.881115	-1.13506	0.0421145	0.407456	-2.45355	0.0802104	0.880008	1.25801	1.25801	0.0214395	0.358093	0.196577	1
cg18655522	ACTN1;ACTN1;ACTN1	0.253532	0.942917	0.96277	-1.03867	0.970254	1.01995	1.01995	0.746286	0.843171	-1.186	0.173333	0.464124	-2.1546	0.99117	1.00588	1.00588		0.578703	1.34607	1.34607	0.0497587	0.72724	0.72724	0.376876	2.18324	2.18324	0.129904	0.420298	-2.37926	1.62193	7.23089	3.95188	1
cg24516747	L3MBTL1;L3MBTL3	0.253534	0.79323	1.0395	1.0395	0.616481	0.668706	-1.49542	0.483932	0.913134	-1.09513	0.661508	0.989389	-1.01015	0.585963	1.07261	1.07261		0.434659	1.10736	1.10736	0.461557	1.0304	1.0304	0.0875552	0.948681	-1.05409	0.81013	1.09331	1.09331	1.75734	0.427558	0.162199	1
cg05657292	CECR2	0.253534	0.663481	0.789382	-1.26681	0.0369743	3.70132	3.70132	0.962616	0.974998	-1.02564	0.296708	1.79405	1.79405	0.939833	1.04162	1.04162		0.732787	1.20338	1.20338	0.930512	0.953977	-1.04824	0.0565571	1.32907	1.32907	0.262355	0.531882	-1.88011	1.62192	7.49638	4.10836	1
cg04575325	MIR9;1;TCP1;TCP1	0.253536	0.342728	0.805798	-1.24101	0.81581	1.05289	1.05289	0.983174	0.995353	-1.00467	0.516546	0.864778	-1.15637	0.988475	1.0032	1.0032		0.204709	0.744079	-1.34394	0.0140816	0.511988	-1.95317	0.231945	0.75811	-1.31907	0.466552	1.17782	1.17782	1.62192	1.25318	0.686913	1
cg03657678	B3GNTL1	0.253537	0.0713576	0.5191	-1.92654	0.0891241	0.491542	-2.03155	0.1223731	0.73757	-1.35621	0.2275	0.73757	-1.35621	0.2275	0.773335	-1.29256	0.1745	0.1422	-7.03165	0.0042	-238.095	0.0017	-588.235	0.0004	0.0011	1.4922	1.4922	0.0479977	0.0005	-1.8888	0.0001	1.1288	1.1288	1.62192	0.0000	-15872.6	0.0652218	0.093431	0.0943	0.0943	1
cg04382244	SH3PXD2A	0.253541	0.0968245	2.20918	2.20918	0.681441	1.19661	1.19661	0.371579	0.6710321	-1.49027	0.964751	1.0194	1.0194	0.947352	1.02913	1.02913		0.148049	1.96362	1.96362	0.0654745	2.45733	2.45733	0.0767451	2.35375	2.35375	0.326953	1.55283	1.55283	1.6219	4.85758	2.66222	1
cg04485691	DLC1	0.253542	0.134657	0.734157	1.36239	0.194623	0.813143	1.23171	0.2154647	1.23171	0.811725	0.673642	0.952328	-1.05006	0.0122492	1.28992	1.28992		0.256706	0.407366	-2.4547	0.0163879	0.194177	-5.14993	0.0124859	0.202014	-4.95133	0.0123856	0.170984	-5.84793	0.0202316	0.115625	1.62192	0.9458	0.187196	1
cg14617014	CLCA3P	0.253549	0.0909237	0.507115	-1.97194	0.0525288	0.408965	-2.4452	0.0680837	0.474745	-2.10639	0.760598	0.894554	-1.11788	0.267429	1.85709	1.85709		0.250694	0.645563	-1.54904	0.142743	0.548251	-1.82398	0.77097	0.899036	-1.1123	0.340599	0.690012	-1.43059	1.62187	9.145	5.18764	1
cg12562822	SLC6A10	0.253568	0.0148302	0.165528	-6.04128	0.325568	0.543845	-1.83876	0.670157	1.29316	1.29316	0.5784	0.714019	-1.40052	0.0807416	0.312825	-3.19668		0.365528	0.572424	-1.74696	0.680342	0.779906	-1.28221	0.962897	1.02831	1.02831	0.943268	1.04363	1.04363	1.6218	9.24806	5.06875	1
cg12110276	KIAA0226;KIAA1026	0.25357	0.5698823	1.07294	1.07294	0.5698823

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Probeset ID	UCSC_REFGENE_NAME KCNMB3;KCNMB3;KCNMB3;KCNMB3;K	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1054 vs. 047 vs. N)	Fold-Change(1054 vs. 047 vs. N)	p-value(1055 vs. N)	Fold-Change(1055 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1216 vs. N)	Fold-Change(1216 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1535 vs. N)	Fold-Change(1535 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error)	SS(Test)	SS(Error)
cg08815785	CNM83		0.253771		0.174144	0.675362	-1.48069	0.0312352	0.503468	-1.98623	0.926352	1.02542	1.02542	0.490602	0.826872	-1.20398	0.727279	1.3587	1.3587		0.627702	0.875745	-1.14189	0.691148	0.897252	-1.11451	0.295933	0.745093	-1.34212	0.09137	0.60365	-1.65659	1.62106	1.892443	1.03769	1
cg09877173	PDE2A;PDE2A		0.253776		0.659542	0.827244	-1.20883	0.0836031	0.440792	-2.26864	0.115218	0.480641	-2.08055	0.446925	1.39322	1.39322	0.221581	0.577168	-1.7326		0.573578	1.27541	1.27541	0.234326	0.588653	-1.70458	0.196504	1.79356	1.79356	0.654654	1.2124	1.2124	1.62104	4.69836	2.57632	1
cg14649252	RGMB		0.253785		0.317464	0.580408	-1.72293	0.508093	0.702709	-1.42294	0.261015	1.85362	1.85362	0.470817	0.679262	-1.47141	0.374031	0.618544	-1.6167		0.314833	1.72839	1.72839	0.0253267	0.246667	-4.05405	0.328441	0.587997	-1.70069	0.426488	0.652153	-1.53338	1.621	7.11555	3.90186	1
cg07883696	NUSAP1;NUSAP1;NUSAP1		0.253785		0.073463	0.318511	-3.13961	0.876161	1.093552	1.09352	0.866193	0.90785	-1.1015	0.93999	0.957757	-1.04411	0.314101	0.170022	-5.649		0.778608	0.850805	-1.17536	0.6314186	0.747218	-1.3383	0.902746	1.07259	1.07259	0.234237	0.489272	-2.04385	1.621	8.4371	4.62655	1
cg07849409	CMTM4;CMTM4		0.253791		0.950228	0.976814	-1.02374	0.0812022	0.483602	-2.06782	0.554413	0.440139	-2.27098	0.157625	0.567348	-1.76455	0.473868	0.761506	-1.31319		0.592321	1.22523	1.22523	0.543423	1.26004	1.26004	0.985238	1.00698	1.00698	0.275507	1.53162	1.53162	1.62098	3.62575	1.98823	1
cg12352984	POFUT2;POFUT2;POFUT2		0.2538		0.209957	0.457283	-2.18683	0.0799978	0.315632	-3.16824	0.187087	0.436873	-2.28899	0.5512	0.701005	-1.42652	0.0164885	0.176383	-5.66947		0.462658	0.642256	-1.55701	0.214044	0.460817	-2.17006	0.427457	0.618895	-1.61578	0.209676	0.529125	-1.88991	1.62095	9.00377	4.93745	1
cg15907699	ISY1;ISY1		0.253801		0.46295	0.7115	-1.40531	0.17893	0.6297	1.121	1.121	0.347795	1.23619	1.23619	0.589272	1.127	1.127	0.150982	1.23437	1.23437		0.027853	0.565459	-1.76848	0.493205	0.838111	-1.19316	0.183863	0.734001	-1.3624	0.653008	1.10436	1.10436	1.62095	1.23514	0.677323	1
cg26360687	GLI2		0.253805		0.89278	0.979073	-1.02082	0.980274	0.996223	-1.03979	0.163146	0.996287	1.25583	0.0868127	0.746886	-1.33567					0.333316	1.165	1.165	0.102671	1.33426	1.33426	0.203505	0.814318	-1.22802	0.82819	0.967286	1.033382	1.62093	0.601227	0.329702	1
cg13876776	KKC1		0.253806		0.194749	1.15083	1.15083	0.667722	1.04522	1.04522	0.262837	1.12701	1.12701	0.180895	0.864588	-1.15662	0.138431	1.17748	1.17748		0.832666	1.02191	1.02191	0.0762992	0.817106	-1.22383	0.762135	1.03158	1.03158	0.425368	1.08695	1.08695	1.62093	0.269304	0.147681	1
cg22684443	GPR160		0.253807		0.353205	0.872247	-1.14645	0.252557	1.108457	1.10846	0.143943	1.15039	1.15039	0.918951	0.985479	-1.01473	0.931855	1.01666		0.0149734	1.53709	1.53709	0.0178878	0.8305549	-1.20417	0.818097	0.994228	-1.00626	0.734058	1.05004	1.05004	1.62092	0.5382	0.290753	1
cg02792521	DAZAP1;DAZAP1		0.253811		0.088333	0.520018	-3.99971	0.807649	0.835397	-1.19703	0.890317	0.903268	-1.10708	0.365807	0.504042	-1.98396	0.0374518	0.264828	-3.77604	0.520853	0.689896	-1.43062	0.0761962	0.476542	-2.09801	0.955204	0.960776	-1.03117	0.409358	0.628557	-1.59094	1.62091	13.9565	7.65359	1
cg00068460	FOXI1		0.253812		0.143859	0.42143	-2.37288	0.0949588	0.864839	-1.24484	0.037418	0.264628	-3.77604	0.520853	0.689896	-1.43062	0.0761962	0.537629	-2.96339		0.189242	0.452505	-2.20995	0.0132501	0.476542	-2.09801	0.955204	0.960776	-1.03117	0.409358	0.628557	-1.59094	1.62091	7.77339	4.26285	1
cg04123347	CDK16;CDK16;CDK16		0.253812		0.14775	0.542571	-1.84308	0.269397	0.635829	-1.57275	0.725763	0.870534	-1.14872	0.189359	1.7287	1.7287	0.623295	0.822608	-1.2152		0.0453054	0.404925	-2.46959	0.170009	0.562478	-1.77785	0.889976	1.05601	1.05601	0.223287	0.604243	-1.65486	1.62091	3.97913	2.18212	1
cg00230517	SPIED2		0.253817		0.832319	0.906874	-1.10269	0.0229402	0.305846	3.50586	0.0551642	2.72457	2.72457	0.592087	0.792098	-1.28321	0.776913	0.877245	-1.13993		0.952707	0.973026	-1.02772	0.414858	0.964603	1.46403	0.414858	1.46853	0.693846	0.960774	-1.04083	1.62089	5.44651	2.99239	1
cg09434803	STMJ2;STMJ2;STMJ2		0.253817		0.506279	1.06297	1.06297	0.0270127	0.844002	1.08102	0.195157	0.882603	1.13352	0.2066663	1.13218	1.13218	0.580472	0.950704	-1.05185		0.148209	0.868964	-1.1508	0.179387	0.878846	-1.13786	0.502097	1.06363	1.06363	0.132871	1.16064	1.16064	1.62089	0.21051	0.115443	1
cg04215870	SLC16A9		0.253821		0.518095	0.907497	-1.10193	0.696621	-1.05976	-1.05976	0.0350216	1.4389	1.4389	0.072712	1.34528	1.34528	0.110023	1.2944	1.2944		0.682616	0.940913	-1.0628	0.78097	1.04216	1.04216	0.483868	1.11115	1.11115	0.310431	1.16822	1.16822	1.62087	0.563376	0.308956	1
cg14895374	KIF13B		0.253821		0.860814	0.91301	-1.09528	0.0172606	0.222195	-4.50054	0.132179	0.436595	-2.32237	0.957973	0.01574	1.01574	0.507458	0.609337	-1.6558		0.165808	0.464685	-2.152	0.302207	0.574506	-1.74063	0.577113	0.746684	-1.33925	0.555772	1.36206	1.36206	1.62087	6.90308	3.78566	1
cg17670013	GRAMD3;GRAMD3;GRAMD3;GRAMD3		0.253826		0.118547	3.54507	3.54507	0.616011	0.685465	-1.45886	0.861307	1.13952	1.13952	0.42147	0.541543	-1.84658	0.407332	0.53097	-1.88334		0.106001	3.73823	3.73823	0.500223	0.599849	-1.66709	0.112062	3.64109	3.64109	0.176115	2.92774	2.92774	1.62086	14.3197	7.85301	1
cg02182656	TNS9		0.253828		0.847191	0.953089	-1.04943	0.225454	1.36454	1.36454	0.168899	0.79826	-1.25272	0.125003	0.780345	-1.28165	0.218632	0.729126	-1.37151		0.0644761	0.602224	-1.66051	0.142947	1.46874	1.46874	0.84859	0.954406	-1.04777	0.302993	0.770664	-1.29758	1.62085	1.53828	0.839219	1
cg09384009	PDE7B		0.253834		0.804949	0.891515	-1.12169	0.303554	1.64016	1.64016	0.0248678	0.288593	-3.45312	0.452192	0.700848	-1.42684	0.75554	1.15598	1.15598		0.922467	0.955824	-1.04622	0.133164	0.460346	-2.13062	0.306116	1.63521	1.63521	0.68257	0.826267	-1.21026	1.62082	5.5294	3.03242	1
cg11443676	EPM2A;EPM2A		0.253838		0.0909664	0.609853	-1.63971	0.164436	0.776059	-1.28856	0.128119	0.83263	1.32462	0.13644	0.796474	-1.05628	0.78475	0.954276	-1.04791		0.189242	0.452505	-2.20995	0.0132501	0.476542	-2.09801	0.955204	0.960776	-1.03117	0.409358	0.628557	-1.59094	1.62081	0.749851	0.411235	1
cg14773441	CYP20L1		0.253841		0.183799	0.83596	-1.19623	0.201102	0.118716	1.18716	0.706138	1.04931	1.04931	0.300483	0.872554	-1.14606	0.262728	0.862108	-1.15995		0.702251	1.05002	1.05002	0.07577	0.777911	-1.28549	0.91182	0.986022	-1.01418	0.0908117	0.789208	-1.26709	1.6208	0.414465	0.227303	1
cg21893960	RASA3		0.253853		0.762272	1.06824	1.06824	0.604716	1.12032	1.12032	0.38944	0.825393	-1.21154	0.521856	1.15171	1.15171	0.161638	1.1843	1.1843		0.260294	1.29107	1.29107	0.0918424	1.86288	1.86288	0.432767	0.840143	-1.19002	0.701798	1.08731	1.08731	1.62076	1.21519	0.666462	1
cg00183320	BOK		0.253862		0.471078	0.806429	-1.23966	0.0561778	0.422955	-2.36443	0.0838602	0.189167	-5.28968	0.0196514	0.636002	-1.57198	0.0266988	0.599614	-1.66753		0.148209	0.868964	-1.1508	0.179387	0.878846	-1.13786	0.502097	1.06363	1.06363	0.132871	1.16064	1.16064	1.62089	2.72492	1.79731	1
cg24065216	ADAR82		0.253866		0.660058	1.22931	1.22931	0.0433312	0.331206	-3.01927	0.512223	0.729015	-1.37171	0.643434	1.23146	1.23146	0.426031	1.47181	1.47181		0.827642	0.901512	-1.10925	0.0513479	2.87172	2.87172	0.50227	0.723411	-1.38234	0.893869	1.06424	1.06424	1.62071	5.80353	3.18299	1
cg21877464	SBSS		0.253874		0.274097	2.16003	2.16003	0.0938444	1.779576	1.77976	1.29253	0.761375	-1.2775	0.277633	1.24689	1.24689	0.322153	1.9982	1.9982		0.147845	2.85955	2.85955	0.0245439	3.93779	3.93779	0.0857407	3.93087	3.93087	0.139407	1.81397	1.81397	1.62068	11.7543	6.44684	1
cg08360599	ZBTB38		0.253878		0.900968	0.921375	-1.08533	0.0220904	0.164416	-6.08214	0.0710543	0.265422	-3.76758	0.812176	1.1695	1.1695	0.344509	0.527047	-1.89736		0.219248	0.427488	-2.33925	0.498551	0.636406	-1.57132	0.358457	0.677577	-1.47585	0.533598	1.51395	1.51395	1.62066	11.1056	6.09109	1
cg03113271	SH3BGR;SH3BGR		0.253883		0.225247	1.20305	1.20305	0.282406	1.17601	1.17601	0.04141229	0.710784	-1.4069	0.731959	1.23414	1.23414	0.440044	0.891997	-1.12108		0.973419	1.00485	1.00485	0.516116	1.10028	1.10028	0.746063	0.959394	-1.04829	0.357938	1.14707	1.14707	1.62064	0.540719	0.296573	1
cg22626579	PRKCZ;PRKCZ;PRKCZ		0.253886		0.229238	1.54061	1.54061	0.0485435	1.871417	1.87141	1.24741	0.9847	-1.01547	1.0647	1.0647	1.0647	0.914448	0.985479	-1.01473		0.488105	0.709291	-1.40953	0.243413	0.876515	-1.14092	0.126264	0.743157	-1.34577	0.0210372	0.814706	-1.22767	1.62064	0.310372	0.134778	1
cg11320544	PIR3;PRR3;GNL1		0.253892		0.157599	0.268805	-3.72017	0.276663	0.373914	2.68001	0.0802102	0.123726	-8.08239	0.933953	0.930474	-1.07472	0.164261	0.278939	-3.58501		0.831198	0.830613	-1.20393	0.061098	0.159626	-6.26464	0.541151	1.71228	1.71228	0.621493	0.648761	-1.5414	1.62061	19.401	10.6412	1
cg06899802	CSNK1A1;CSNK1A1		0.253893		0.0909664	0.609853	-1.63971	0.164436	0.776059	-1.28856	0.128119	0.83263	1.32462	0.13644	0.796474	-1.05628	0.78475	0.954276	-1.04791		0.189242	0.452505	-2.20995	0.0132501	0.476542	-2.09801	0.955204	0.960776	-1.03117	0.409358	0.628557	-1.59094	1.62061	0.749851	0.411235	1
cg14945182	NAP1L4 CLDND1;CLDND1;CLDND1;CLDND1;CLD		0.253893		0.750201	1.13985	1.13985	0.0212635	1.10988	1.10988	0.74239	1.14472	1.14472	0.409535	0.707771	-1.41289	0.182957	0.56041	-1.78441		0.35577	1.47588	1.47588	0.612687	0.811234	-1.23269	0.565535	0.788167	-1.26877	0.612412	0.8111	-1.23289	1.62061	1.43021	2.36411	1
cg13236507	ND1;CLDND1		0.253893		0.729859	1.04995	1.04995	0.140656	1.24964	1.24964	0.0465028	1.37797	1.37797	0.187646	0.821727	-1.21695	0.871393	1.02304	1.02304		0.817283	0.967981	-1.03308	0.681312	1.05978	1.05978	0.472844	0.972715	-1.02805	0.0870805	1.30431	1.30431	1.62061	0.507499	0.278359	1
cg19137748	CCND1		0.253894		0.154079	0.434375	-2.30216	0.95475	0.969466	-1.0315	0.0288441	0.244511	-4.0898	0.612683	1.32179	1.32179	0.323785	0.572972	-1.74529		0.25147	0.519568	-1.92468	0.243869	0.513603	-1.94703	0.285071	1.83456	1.83456	0.775268	0.855194	-1.16932	1.6206	7.66552	4.20448	1
cg24820936	RNF19A;RNF19A		0.253895		0.442453	0.722369	-1.38495	0.34566	0.563267	-1.77504	0.183633	0.653855	-1.52937	0.0870947	0.867947	-1.15214	0.0941379	0.827269	-1.20852	0.0229153	0.957632	1.02259	1.02259	0.0644328	1.17302	1.17302	0.428114	1.71302	1.71302	0.428114	1.74788	1.62059	4.64436	2.54441	1
cg24567591	CREBBP;CREBBP		0.253898		0.22534	2.33127	2.33127	0.140406	0.869764	1.15009	0.0150056	0.344725	2.90026	0.0119455	0.900202	1.11068	0.0181607	0.256656	2.56656		0.733559	1.79633	-1.25497	0.866799	0.894417	-1.11855	0.0736595	0.763938	3.76398	0.559768	1.47993	1.47993	1.62059	11.3403	6.22012	1
cg13225584	XKCC6BP1		0.253901		0.115044	1.30352	1.30352	0.105169	0.760427	-1.31505	0.154578	0.790017	-1.2658	0.411453	1.13873	1.13873	0.338717	0.858518	-1.1648		0.378058	1.15016	1.15016	0.99114	1.00172	1.00172	0.567893	1.09341	1.09341	0.309976	1.18032	1.18032	1.62058	0.614162	0.336868	1
cg22709985	TUBGCP3		0.253903		0.817892	1.03461	1.03461	0.806832	0.65097	-1.5368	0.683679	0.782357	-1.27857	0.102757	0.882952	-1.13292	0.0976502	1.12197	1.12197		0.0947251	1.14115	1.14115	0.587625	1.08412	1.08412	0.195084	1.12455	1.12455	0.441567	0.888328	-1.12571	1.62058	0.853852	0.306348	1
cg16523839	CDLN3		0.253904		0.0797994	3.65	3.65	0.0561778	0.222215	4.22215	0.0547113	0.42681	-2.36861	0.637087	1.3723	1.3723	0.154128	1.2359	1.2359		0.34562	1.90958	1.90958	0.107904	3.21654	3.21654	0.388766	1.80084	1.80084	0.160207	2.71624	2.71624	1.62057	11.384	6.24419	1
cg01704999	SLC24A1		0.253905		0.482919	0.699993	-1.42857	0.111113	0.691921	-1.44581	0.0225125	0.0188629	-53.0001	0.0139756	1.10515	1.10515	0.449756	0.800888	-1.24908		0.804973	1.03753	1.03753	0.742092	0.866834	-1.15362	0.945553	0.886227	-1.12839	0.0174746	0.0107466	-93.0001	1.62057	0.0900001	0.493974	1
cg04883026	SPTBN2 GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;G		0.25391		0.152787	0.264761	-3.77699	0.167589	0.58423	1.58423	0.872466	1.14961	1.14961	0.803875	0.805785	-1.24103	0.275423	0.37355	-2.67702		0.517705	0.565993	-1.76681	0.031162	0.111375	-8.97869	0.960743	1.04364	1.04364	0.265115	0.364985	-2.73984	1.62055	19.3305	10.603	1
cg12372477	NAS;GNAS		0.253911		0.836406	0.975653	-1.02495	0.87005	0.980672	-1.01971	0.250343	0.866585	-1.15395	0.0206559	1.39407	1.39407	0.750066	0.103883	1.03883		0.282328	1.14245	1.14245	0.94607	0.991968	-1.0081	0.315185	0.89853	-1.11293	0.266453	1.14801	1.14801	1.62054	0.364727	0.200058	1
cg22960907	PSMB1		0.253913		0.0563292	0.79045	-1.2651	0.852579	0.976228	-1.02435	0.863628	1.01888	1.01888	0.239752	1.14334	1.14334	0.365608	1.10644	1.10644		0.626428	1.05483	1.05483	0.147274	0.844321	-1.18438	0.113926	0.829331	-1.20579	0.918833	1.00908	1.00908	1.62054	0.303896	0.166692	1
cg00079563	ARFGAP3;ARFGAP3		0.253913		0.783644	1.14245	1.14245	0.0274157	1.47352	1.47352	0.798411	1.47095	1.47095	0.0612582	1.24044	1.24044	0.507292	1.36226	1.36226	0.275656		0.047965	1.32125	1.32125	0.873059	1.07265	1.07265	0.644203	1.24794	1.24794	0.630301	1.07765	1.07765	1.62053	58.3533	32.0077	1
cg10509663	AFAP1;AFAP1		0.253914		0.1007	0.209141	-4.78147	0.200227	0.30802	-3.24654	0.921018	1.09015	1.09015	0.397998	0.470883	-2.12367	0.0736239	0.176274	5.673		0.115504	0.225573	-4.43316	0.0692388	0.170496	-5.86524	0.114785	0.224795	-4.4485	0.311124	0.401714	-2.48933	1.62053	19.4398	10.663	1
cg11966803	STK24;STK24		0.253918		0.142052	0.183038	-5.46384	0.851194	1.223881	1.223881	0.659009	1.63225	1.63225	0.497631	0.476846	-2.09711	0.0958893	0.193886	-7.14866		0.397111	0.993539	-1.34505	0.0217422	0.0156796	-19.35	0.506427	0.484037	-2.0648	0.247309	0.272263	-3.67295	1.62052	0.288385	0.16848	1
cg19805785	AP1G2		0.253922		0.578757	0.948088	-1.16961	0.157237	0.655378	-1.52584	0.0940981	1.67228	1.67228	0.464646	0.811117	-1.23287	0.517388	1.20124	1.20124		0.266337	0.738979	-1.35322	0.141802	1.0665	1.0665	0.919704	1.16507	1.16507	0.319704	1.13275	1.13275	1.62052	2.00279	1.09859	1
cg02294146	ZMIZ1		0.253925		0.729335	0.963692	-1.03768	0.480686	0.70931	-1.07931	0.697331	1.00429	1.00429	0.344364	0.901491	-1.10927	0.160958	1.17284	1.17284		0.135651	0.842671	0.842671	0.0797704	-1.02072	0.968183	0.00426	1.03426	1.03426	0.0797704	1.02426	1.02426	1.62049	0.290957	0.159599	1
cg02802255	TRAM1		0.253926		0.130467	0.36007	-2.77778	0.0941611	0.492911	-2.03025	0.0188629	0.0139756	-53.0001	0.0139756	1.10515	1.10515	0.449756	0.800888	-1.24908		0.804973	1.03753	1.03753	0.742092	0.866834	-1.15362	0.945553	0.886227	-1.12839	0.0174746	0.0107466	-93.0001	1.62049	0.0900001	0.493974	1
cg19354023	ATAD1;CFL1;ATAD1		0.253927		0.185585	0.732476	-1.36523	0.0143076	0.51175	-1.95408	0.596651	0.888288	-1.12576	0.449479	0.84288	-1.18641	0.792959	0.943328	-1.06008		0.220106	0.75129	-1.33104	0.806029	0.946896	-1.05608	0.82107	1.05153	1.05153	0.384172	1.21885	1.21885	1.62049	1.26251	0.692525	1
cg15169940	TBC8;POLR2I		0.253931		0.76967	0.792888	-1.26123	0.978836	0.977873	-1.02263	0.227736	1.06799	1.06799	0.481872	0.531054	-1.88305	0.0249001	0.0942901	-10.6056		0.0947251	1.14115	1.14115	0.587625	1.08412	1.08412	0.195084	1.12455	1.12455	0.441567	0.888328	-1.12571	1.62048	0.853852	0.306348	1
cg25482786	CHL1		0.253932		0.358588	1.21624	1.21624	0.140392	0.719711	-1.38945	0.590746	1.11916	1.11916	0.191491	1.13231	1.13231	0.707409	0.9254	1.08061		0.232228	1.29668	1.29668	0.167944	1.35431	1.35431	0.0551784	1.56956	1.56956	0.0867725	1.0965556	1.10346	1.62046	7.10365	0.605397	1
cg06721014	C7orf63;C7orf63		0.253938		0.55412	0.897519	-1.11418	0.48892	1.13544	1.13544	0.223143	1.2602	1.2602	0.873146	1.02929	1.02929	0.233934	1.25289	1.25289		0.26405	0.81031	-1.2341	0.0291581	0.62849	-1.59112	0.642935	1.08801	1.08801	0.780525	1.05176	1.05176	1.62044	0.837762	0.459551	1
cg13013467	ZZZ3		0.253941		0.133387	0.32276	-3.09787	0.428842	0.424534	-2.35458	0.157083	1.2972	1.2972	0.327464	1.0109596	1.01096	0.0855	1.14709	1.14709		0.00407	1.50626	1.50626	0.0258323	1.34807	1.34807	0.0248307	1.22326	1.22326	0.26304	1.43714	1.43714	1.62043	4.92714	2.70279	1
cg26785025	ZFPM2		0.253949		0.352953	0.739296	-1.35264	0.80645	0.88067	1.08067	0.154782	0.618002	-1.61812	0.761406	0.908245	-1.10102	0.983366	0.993433	-1.00661		0.575824	0.864008	-1.15659	0.0385108	0.213314	2.13314	0.299404	1.0838	1.0838	0.107331	0.57381	-1.74274	1.62041	2.56313	1.40603	1
cg00779142	PLCG2		0.253955		0.188351	0.49845	-2.00603	0.0183869	0.172513	1.72513	0.7	1.13668	1.13668	0.0923498	0.887	1.887	0.0923498	0.870532	0.870532		0.967877	0.954053	0.954053	0.0242468	2.24842	2.24842	0.0172769	1.36108	1.36108	0.0242468	1.25089	1.25089	1.62041	0.0242468	0.0142588	1
cg00683156	OGDHL;OGDHL;OGDHL		0.253952		0.21145	0.627629	-1.5933	0.535019	0.24894	-4.01849	0.284772	1.48163	1.48163	0.601154	1.20517	1.20517	0.046153	0.445557	2.24438		0.302275	0.685145	-1.45954	0.0916259	0.518295	-1.9294	0.734843	0.886668	-1.12782	0.723204	0.881765	-1.13409	1.62039	1.21302	1.76254	1
cg25010361	SLC1A3;SLC1A3;SLC1A3		0.253953		0.28214	0.745219	-1.34189	0.891396	1.0366	1.0366	0.401649	1.2534	1.2534	0.169671	1.46946	1.46946	0.636362	1.12505	1.12505		0.246158	1.37592	1.37592	0.0449015	0.545717	-1.83245	0.54206	1.17632	1.17632	0.300371	1.32627	1.32627	1.62039	1.77669	0.974629	1
cg03141007	SETD1B		0.253954		0.242189	0.4129	-2.42186	0.818069	1.27013	1.27013	0.7	1.14296	1.14296	0.0897	1.14441	1.14441	0.0897	0.874531	0.874531		0.791944	1.75946	1.75946	0.0179107	1.50369	1.50369	0.0487217	0.0020807	-10.86	1.64844	21.8464	1.62038	1.62039	0.0487217	0.0020807	-10.86	1.64844	21.8464	1.62039	1.62038	1.62039	1.62038	1.62039	1.62038

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. 2217 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. 4477 vs. N)	Fold-Change(3477 vs. 4477 vs. N)	p-value(3537 vs. 5377 vs. N)	Fold-Change(3537 vs. 5377 vs. N)	p-value(5377 vs. 5637 vs. N)	Fold-Change(5377 vs. 5637 vs. N)	p-value(5637 vs. 6377 vs. N)	Fold-Change(5637 vs. 6377 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23503055	THOC5;THOC5;THOC5;THOC5	0.2542	0.212988	0.883426	-1.199	0.0337398	1.40933	0.990645	1.07804	1.07804	0.313458	0.871057	-1.14803	0.949533	1.0088	1.0088	0.849443	1.02665	1.02665	0.614471	1.05859	1.06859	0.147848	0.806665	-1.23967	0.477157	0.904819	-1.10519	1.61949	0.491137	0.269571	1
cg13791841	PHOX2A	0.2542	0.402512	1.21327	1.21327	0.105777	0.671203	-1.48986	0.252926	0.763801	-1.30924	0.800624	0.944499	-1.05876	0.700391	1.09116	1.09116		0.844909	1.04518	1.04518	0.031054	1.77033	1.77033	0.87278	1.03682	1.03682	0.551882	0.873004	-1.14547	1.61949	1.30596	0.716806	1
cg14429457	DIP2C	0.2542	0.782715	0.940745	-1.06299	0.2776571	1.28331	1.28331	0.12011	1.45144	1.45144	0.428644	0.83649	-1.19547	0.369981	0.815932	-1.22559		0.450878	1.185	1.185	0.0360363	0.583445	-1.71996	0.988983	0.996954	-1.00306	0.667554	0.908943	-1.10018	1.61949	1.2522	0.687298	1
cg07248455	FAQ8S	0.254209	0.175604	4.49691	4.49691	0.222522	1.811588	3.811098	0.113872	6.13017	6.13017	0.29994	3.006869	3.246133	3.545102	3.545102			0.193171	4.20992	4.20992	0.0385098	12.2117	12.2117	0.567576	1.82782	1.82782	0.0537465	0.838311	9.83811	6.61945	27.9478	15.3401	1
ch.1.976694F	MEC8;MECR	0.25421	0.285643	0.67632	-1.47859	0.0473786	0.449336	-2.22561	0.401518	0.738735	-1.35367	0.0569153	0.467802	-2.13766	0.709485	0.503362	-1.98664		0.904535	0.958569	-1.04322	0.165472	0.559518	-1.68487	0.200309	0.620584	-1.61139	0.260896	0.661314	-1.51214	1.61945	3.19004	1.75096	1
cg07741162	PRDM6	0.25423	0.320395	2.27238	2.27238	0.360274	0.471456	-2.12109	0.261734	2.54885	2.54885	0.357098	0.499957	-2.00017	0.695701	1.90264	1.90264		0.24828	0.385152	-2.62431	0.327337	0.445607	-2.24413	0.0398039	0.70334	0.70334	0.846117	1.16805	1.16805	0.61944	16.3932	8.99801	1
cg00071408	RHOBTB2;RHOBTB2;RHOBTB2	0.254214	0.15628	0.598684	-1.67033	0.146399	1.69446	1.69446	0.117706	1.77665	1.77665	0.963619	1.01555	1.01555	0.325569	0.709371	-1.4097		0.339069	0.716531	-1.39561	0.198094	1.58429	1.58429	0.372691	0.733753	-1.36286	0.90247	0.959378	-1.04234	1.61943	2.93492	1.61095	1
cg22451782	KLHL29	0.254215	0.950345	1.02525	1.02525	0.513024	0.691054	-1.44707	0.703899	0.871376	1.14763	0.759613	0.8048	-1.2432	0.431868	1.37799	1.37799		0.807391	1.06745	1.06745	0.0990858	2.74741	2.74741	0.115503	1.90681	1.90681	0.202041	0.584386	-1.7112	1.61942	4.07899	2.23893	1
cg02850612	KCNAB2;KCNAB2	0.254219	0.508661	1.97583	1.97583	0.0278279	14.0203	14.0203	0.0428774	51.2758	15.0758	0.485057	1.55567	2.01557	1.66871	1.66871			0.66959	1.54647	1.54647	0.900281	0.880446	-1.13579	0.87414	0.851287	-1.17469	0.955228	1.05868	1.05868	1.61942	26.4583	14.5228	1
cg03366925	GLI3	0.254221	0.349004	0.668393	-1.49613	0.342327	1.50506	1.50506	0.240026	1.67209	1.67209	0.560637	1.27874	1.27874	0.379108	0.685876	-1.45799		0.0534038	0.399762	-2.50149	0.974847	0.986911	-1.01326	0.136378	1.95538	1.95538	0.521321	1.3121	1.3121	1.61941	4.47857	2.45828	1
cg15880738	CD3G;CD3G LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMC	0.254222	1.1626	1.1626	1.1626	0.536023	0.56484	-1.77075	0.230447	0.493367	-2.38455	0.0973242	0.655821	-1.42174	0.37615	1.66006	-2.16307		0.456061	0.524737	-2.10572	0.00931368	0.0606774	-16.4806	0.149909	0.05609	-1.75096	0.0731203	0.458413	-2.18144	1.6194	18.508	10.159	1
cg00957901	H1	0.254225	0.873895	0.928107	-1.07746	0.218608	0.54718	-1.82755	0.608948	0.786282	-1.27181	0.0494464	2.84269	2.840641	1.68637	1.68637			0.566224	1.31024	-1.31024	0.693857	0.833643	-1.20244	0.588194	0.775112	-1.29014	0.0800541	2.47192	2.47192	1.61939	5.5694	3.05706	1
cg13751956	PSMD10;ATG4A;PSMD10;ATG4A	0.25423	0.192978	0.363265	-2.75281	0.436444	0.557927	-1.79235	0.785599	0.818391	-1.22191	0.11777	3.4852	3.4852	0.611626	0.686355	-1.45697		0.025118	0.141141	-7.08512	0.916724	1.07991	1.07991	0.87596	1.12166	1.12166	0.782716	1.22531	1.22531	1.61937	13.8555	7.60539	1
cg04438525	CBLN3	0.254232	0.149179	4.21565	4.21565	0.0518313	0.782214	3.562796	0.17026	1.72072	1.71072	0.8512	0.839727	-1.19086	0.124194	4.7046	4.7046		0.544579	1.76003	1.76003	0.290361	0.360139	-2.77516	0.136257	0.45151	0.457511	0.2575111	3.0016	3.0016	1.61937	22.1908	12.1808	1
cg10040836	NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	0.254233	0.815349	0.951223	-1.05128	0.382754	0.82585	-1.21087	0.576062	0.886253	-1.12835	0.0104181	0.50183	-1.99268	0.0834805	0.669958	-1.50612		0.46422	0.85279	-1.17262	0.600357	0.893153	-1.11963	0.383734	0.788212	-1.26879	0.562495	0.882349	-1.13334	1.61936	1.17393	0.643289	1
cg06939759	VPS53;VPS53	0.254233	0.440528	0.696755	-1.43522	0.0370897	0.4402	0.4402	0.140402	2.07207	2.07207	0.700382	0.837266	-1.19436	0.258121	0.581559	-1.71951		0.860801	1.08397	1.08397	0.18723	1.90046	1.90046	0.862525	0.923472	-1.08287	0.688559	0.831039	-1.20331	1.61936	5.41175	2.97058	1
cg14996490	NOTCH4	0.254233	0.764464	1.18008	1.18008	0.1187896	2.18573	2.18573	0.998571	1.001	1.001	0.110597	2.62889	2.62889	0.445349	0.649004	-1.54082		0.914791	1.06131	1.06131	0.0329962	4.02509	4.02509	0.440216	0.645583	-1.54899	0.234762	1.99847	1.99847	1.61936	7.09273	4.15108	1
cg10556390	ITGA6;ITGA6	0.254235	0.9553697	1.038334	1.038334	0.6557381	0.5454195	1.582657	0.108899	0.6174891	-1.61946	0.533445	0.84037	-1.18955	0.28559	0.73653	-1.35772		0.3882698	0.783645	-1.27609	0.196444	0.686188	-1.45733	0.0527809	0.544978	-1.83494	0.971018	0.990032	-1.01007	1.61936	1.94988	1.07032	1
cg27276522	DYRK2;DYRK2	0.254236	0.964935	0.975919	-1.02467	0.695096	0.803794	-1.2441	0.294519	0.547259	-1.82729	0.715529	1.225	1.225	0.0659888	0.318646	-3.13828		0.516125	0.694154	-1.4406	0.0245332	0.22644	-4.41619	0.751001	1.19305	1.19305	0.164644	0.439537	-2.27512	1.61935	7.88497	4.32819	1
cg06126323	EDA;EDA;EDA;EDA;EDA;EDA	0.254238	0.115542	0.35901	-2.78316	0.708403	0.54764	-1.82567	0.955075	0.966479	-1.03468	0.133786	1.85292	1.85292	0.0509692	0.432694	2.31258		0.123053	0.36379	-2.74884	0.0347716	0.895229	-1.11695	0.852201	1.13435	1.13435	0.952699	0.964735	-1.03655	0.939418	1.08525	1.15563	1
cg08119082	PANX2;PANX2;PANX2	0.254238	0.330857	0.548084	-1.82454	0.253019	0.488945	-2.04522	0.488529	0.653943	-1.52919	0.42108	1.63475	1.63475	0.583521	1.39351	1.39351		0.94739	1.04034	1.04034	0.126018	2.69704	2.69704	0.0509376	0.263767	-3.79122	0.38535	1.70469	1.70469	1.61935	9.21208	5.05668	1
cg13347411	ACTR3C;ARC;ELMSAN1;LRRC61	0.254239	0.0754318	0.562234	0.562234	0.547931	1.44487	1.44487	0.0733733	2.04304	1.43611	0.526621	0.656622	0.526605	1.88233	1.88233	1.88233		0.2858858	0.535755	0.83473	0.355196	0.2056963	0.25063	-3.98955	0.0794954	0.79051	0.26021	0.674064	1.28048	0.204808	2.39048	0.313753	18.2895	1
cg14824280	SS1BL;SS1BL1;PSMA7	0.25421	0.793716	1.13962	1.13962	0.466071	0.690785	-1.44763	0.980923	1.012	1.012	0.643651	0.792691	-1.26153	0.815757	0.890116	-1.12345		0.236519	0.538715	-1.85627	0.229347	0.533089	-1.87586	0.0799629	2.63506	2.63506	0.0592152	2.80293	2.80293	1.61934	6.37886	3.50149	1
ch.7.27737991F	EXOC4	0.254244	0.464555	0.704364	-1.41972	0.880242	0.931479	-1.07356	0.0428775	0.333794	-2.99586	0.0183755	0.260021	-3.84584	0.443858	0.692438	-1.44417		0.727154	1.1793	1.1793	0.496127	0.722271	-1.38452	0.964132	0.979051	-1.0214	0.752628	0.861686	-1.16052	1.61932	5.68499	3.12064	1
cg00176853	FOXD4;FOXD4;FOXD4;FOXD4	0.254245	0.230343	0.440487	0.440487	0.3722416	0.280191	-1.569	0.183195	0.848577	-1.46676	0.0554955	0.554354	0.84693	-1.18095	0.285559	0.73653		0.2223576	0.466429	-2.1525	0.454251	0.688703	-1.45217	0.0406	0.873537	-1.14517	0.9406	1.04566	1.04566	1.6193	2.70262	5.05388	1
cg12615866	MRPL1	0.254255	0.164544	0.66632	-1.50078	0.879496	1.04241	1.04241	0.273301	1.36632	1.36632	0.0167712	0.449716	-2.22362	0.464969	0.815797	-1.2258		0.488578	0.824794	-1.21242	0.383363	0.782923	-1.27726	0.395953	0.788207	-1.2687	0.837845	0.945444	-1.0577	1.61928	1.92217	1.05515	1
cg17708995	TNPO2;TNPO2;TNPO2	0.254257	0.378994	1.68115	1.68115	0.739624	0.826393	1.51243	0.553645	1.95047	1.95047	0.832504	1.13	1.13	0.815582	0.884643	-1.1304		0.107444	0.556637	-1.80397	0.0183853	0.251177	-3.98126	0.0986807	0.392011	0.392011	0.0159021	0.2926	0.2926	1.61928	8.49596	4.6633	1
cg10407951	LOC100133315	0.254267	0.45886	0.922027	-1.08457	0.0717611	0.36698	1.36698	0.689294	0.935045	-1.06925	0.907557	0.19472	0.43826	0.918421	-1.08883	0.944502		0.441875	1.093	1.093	0.741706	1.07511	1.07511	0.17656	1.17656	1.17656	0.600208	1.05857	1.05857	1.61924	2.970904	0.163091	1
cg24116317	STK10	0.254272	0.296211	0.479686	-2.0847	0.1930363	2.54523	2.54523	0.702578	1.2972	1.2972	0.286102	0.471725	-2.11988	0.125117	0.324358	-3.08301		0.280824	0.467532	-2.13889	0.0567111	0.2315753	-4.3183	0.197567	0.397014	-2.5188	0.589387	0.691031	-1.44711	1.61922	11.7969	6.47604	1
cg05514975	FAM129B;FAM129B	0.254273	0.179902	0.443453	-2.26042	0.594515	0.72445	-1.38227	0.927575	0.96465	-1.03636	0.20406	0.464511	-2.15302	0.208244	0.44044	-2.27046		0.142702	0.386699	-2.58599	0.177521	0.242193	-4.12798	0.0113451	0.188917	-5.29333	0.0307976	0.129216	-7.73888	0.0132599	0.45161	0.1196	1
cg13661968	SLC6A5	0.254273	0.911739	1.02864	1.02864	0.373922	0.16164	2.16164	0.242821	1.36511	1.36511	0.984618	1.00492	1.082952	0.623121	1.62321	1.62321		0.346729	0.781351	-1.27983	0.0423656	0.551138	-1.81363	0.994326	1.00181	1.00181	0.922488	1.02509	1.02509	1.61922	1.66282	0.912825	1
cg14440982	CYHR1;CYHR1;KIR2;CYHR1	0.254275	0.0752418	0.562234	0.562234	0.547931	1.44487	1.44487	0.0733733	2.04304	1.43611	0.526621	0.656622	0.526605	1.88233	1.88233	1.88233		0.1121215	0.450568	-2.21938	0.0423656	0.551138	-1.81363	0.994326	1.00181	1.00181	0.922488	1.02509	1.02509	1.61922	1.66282	0.912825	1
cg13483261	SOX15;SOX15	0.254277	0.106967	2.13435	2.13435	0.597297	0.794779	-1.25821	0.327021	0.646661	-1.5464	0.786618	1.13682	1.13682	0.67076	1.20229	1.20229		0.602415	0.797372	-1.25412	0.318784	0.641521	-1.55879	0.0503388	2.61464	2.61464	0.201666	1.78762	1.78762	1.6192	7.07601	2.61309	1
cg16960990	FBXO21;FBXO21	0.254282	0.210271	0.822299	-1.2161	0.170823	1.24126	1.24126	0.354603	1.15158	1.15158	0.423997	0.886026	-1.12863	0.416826	1.13085	1.13085		0.222819	1.20906	1.20906	0.0504166	1.39161	1.39161	0.563354	0.917062	-1.09044	0.833233	0.969236	-1.03174	1.61919	0.5632	0.309182	1
cg17382663	EP400NL	0.254283	0.0754318	0.562234	0.562234	0.547931	1.44487	1.44487	0.0733733	2.04304	1.43611	0.526621	0.656622	0.526605	1.88233	1.88233	1.88233		0.3477454	0.657288	-1.5214	0.245201	0.694714	1.69474	0.726316	1.16477	1.16477	0.918675	1.04567	1.04567	1.61919	4.83124	2.65227	1
cg26751972	HLA-F;HLA-F;HLA-F	0.254284	0.661096	0.651391	-1.53518	0.913093	0.899355	-1.11191	0.896477	1.13483	1.13483	0.92416	1.09693	1.09693	0.187694	0.257537	-3.88294		0.593904	0.592791	-1.68693	0.31313	0.362867	-2.75583	0.0157035	17.7607	17.7607	0.995793	1.00514	1.00514	1.61918	24.2107	13.2911	1
cg21509901	ANKS6	0.254286	0.501964	1.08751	1.08751	0.1997	0.587933	1.21221	0.885837	1.03526	1.03526	0.376206	1.27606	1.27606	0.658182	1.51934	1.51934		0.788111	1.07018	1.07018	0.0395606	1.78278	1.78278	0.0939548	1.34611	1.34611	0.159316	0.598449	1.68969	1.61917	1.34611	0.596369	1
cg03421440	BRD7	0.254291	0.190463	0.677665	-1.49776	0.804351	1.075	1.075	0.353543	1.32066	1.32066	0.245961	0.70219	-1.42412	0.764095	0.91604	-1.09166		0.846247	1.0582	1.0582	0.0235794	2.19845	2.19845	0.411623	1.27712	1.27712	0.718509	1.11123	1.11123	1.61915	1.27707	1.19518	1
cg05721773	FAIM3;FAIM3;FAIM3	0.254296	0.3109	0.775891	-1.28884	0.2380313	1.34869	1.34869	0.323152	1.28015	1.28015	0.776435	1.07133	1.07133	0.138431	0.679736	-1.47116		0.79329	1.06562	1.06562	0.104817	0.651157	-1.53573	0.1496	0.660455	-1.51411	0.584399	1.14303	1.14303	1.61913	1.502	0.824585	1
cg08694003	PSORS1C1	0.254297	0.10227	2.17663	2.17663	0.374344	0.604128	-1.65228	0.324538	0.461424	2.16725	0.0472455	0.2164	-4.62145	0.0211166	0.39909	-2.50602		0.0188267	0.31162	-3.20917	0.0148243	0.0855196	-11.6944	0.0090554	0.0606	0.0606	0.0040022	0.075952	-13.1834	0.0444405	0.0606	0.0606	1	0.47297	1
cg13377154	WIBG;WIBG	0.254298	0.315193	1.18859	1.18859	0.0607535	0.70351	-1.42144	0.12912	1.31363	1.31363	0.146125	0.880254	-1.13604	0.504002	0.893329	-1.11941		0.737382	0.945554	-1.05758	0.593087	0.914581	-1.09388	0.619945	0.920201	-1.08672	0.147953	1.2966	1.2966	1.61913	0.709617	0.389575	1
cg00091552	C1orf50	0.254301	0.0754318	0.562234	0.562234	0.547931	1.44487	1.44487	0.0733733	2.04304	1.43611	0.526621	0.656622	0.526605	1.88233	1.88233	1.88233		0.3477454	0.657288	-1.5214	0.245201	0.694714	1.69474	0.726316	1.16477	1.16477	0.918675	1.04567	1.04567	1.61913	4.83124	2.65227	1
cg16507522	SERPINA3	0.254301	0.163511	0.760034	-1.30543	0.087315	0.712957	-1.40261	0.258834	0.809652	-1.2351	0.613046	0.912649	-1.09571	0.158911	0.763479	-1.30979		0.931076	0.984615	-1.01563	0.662898	1.08179	1.08179	0.0424259	0.657785	-1.52025	0.124371	0.74214	-1.34746	1.61912	0.823766	0.452244	1
cg18694603	PCDHGC3	0.254303	0.925723	1.03973	1.03973	0.210884	0.793418	-1.31651	0.663866	0.928438	-1.07693	0.553648	0.99509	1.00491	0.982253	0.982253	-1.01792		0.771881	1.24916	1.24916	0.0013446	1.14466	1.14466	0.0494574	0.915366	1.09278	0.152891	1.24492	1.24492	1.61912	1.01258	0.617943	1
cg13377154	WIBG;WIBG	0.254298	0.315193	1.18859	1.18859	0.607535	0.70351	-1.42144	0.12912	1.31363	1.31363	0.146125	0.880254	-1.13604	0.504002	0.893329	-1.11941		0.737382	0.945554	-1.05758	0.593087	0.914581	-1.09388	0.619945	0.920201	-1.08672	0.147953	1.2966	1.2966	1.61913	0.709617	0.389575	1
cg00091552	C1orf50	0.254301	0.0754318	0.562234	0.562234	0.547931	1.44487	1.44487	0.0733733	2.04304	1.43611	0.526621	0.656622	0.526605	1.88233	1.88233	1.88233		0.3477454	0.657288	-1.5214	0.245201	0.694714	1.69474	0.726316	1.16477	1.16477	0.918675	1.04567	1.04567	1.61919	4.83124	2.65227	1
cg26759722	SERPINA3	0.254301	0.163511	0.760034	-1.30543	0.087315	0.712957	-1.40261	0.258834	0.809652	-1.2351	0.613046	0.912649	-1.09571	0.158911	0.763479	-1.30979		0.931076	0.984615	-1.01563	0.662898	1.08179	1.08179	0.0424259	0.657785	-1.52025	0.124371	0.74214	-1.34746	1.61912	0.823766	0.452244	1
cg18694603	PCDHGC3	0.254303	0.925723	1.03973	1.03973	0.210884	0.793418	-1.31651	0.663866	0.928438	-1.07693	0.553648	0.99509	1.00491	0.982253	0.982253	-1.01792		0.771881	1.24916	1.24916	0.0013446	1.14466	1.14466	0.0494574	0.915366	1.09278	0.152891	1.24492	1.24492	1.61912	1.01258	0.617943	1
cg26759722	SERPINA3	0.254301	0.163511	0.760034	-1.30543	0.087315	0.712957	-1.40261	0.258834	0.809652	-1.2351	0.613046	0.912649	-1.09571	0.158911	0.763479	-1.30979		0.931076	0.984615	-1.01563	0.662898	1.08179	1.08179	0.0424259	0.657785	-1.52025	0.124371	0.74214	-1.34746	1.61912	0.823766	0.452244	1
cg07064427	CHRD;CHRD	0.254303	0.925723	1.03973	1.03973	0.210884	0.793418	-1.31651	0.663866	0.928438	-1.07693	0.553648	0.99509	1.00491	0.982253	0.982253	-1.01792		0.771881	1.24916	1.24916	0.0013446	1.14466	1.14466	0.0494574	0.915366	1.09278	0.152891	1.24492	1.24492	1.61912	1.01258	0.617943	1
cg18304950	SESN1;C6orf182;C6orf182	0.254306	0.905907	1.04672	-1.02362	0.2255909	0.591653	1.68018	0.545755	1.86604	-1.12861	0.441103	0.156458	0.69049	-1.44827	0.923843	-1.08244		0.291275	1.24197	1.24197	0.187767	1.31815	1.31815	0.856979	1.0477	1.0477	0.134953	1.21226	1.21226	1.6191	1.00413	0.551269	1
cg10487945	INSR;INSR	0.254309	0.756491	1.06959	1.06959	0.012213	1.96459	1.96459	0.551216	1.13928	1.13928	0.857586	1.03961	1.03961	0.322274	1.24749	1.24749		0.36507	1.22297	1.22297	0.0766312	1.53102	1.53102	0.64249	1.1064	1.1064	0.258744	1.29026	1.29026	1.61909	1.19945	0.658505	1
cg10856812	TESC;TESC PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.254318	0.713289	0.872216	-1.14656	0.4457	0.875997	-1.14157	0.511382	0.781388	-1.27986	0.976022	0.98645	-1.01374	0.115668	0.707179	-1.41424		0.484482	0.768757	-1.30126	0.0554455	0.847465	-1.18005	0.277487	0.745853	-1.34075	0.110905	0.551761	1.81209	1.61908	0.847465	0.4633	1	0.59205	1
cg26461009	PRKAR1B;PRKAR1B	0.254319	0.54399	1.42435	1.42435	0.161279	0.422478	-2.36699	0.34387	0.570317	-1.75341	0.50091	1.48209	1.48209	0.823605	0.879401	-1.13714		0.503213	1.47887	1.47887	0.271737	1.93272	1.93272	0.143296	1.74391	1.74391	0.031245	4.28712	4.28712	1.61905	8.50541	4.60963	1
cg05090725	RAB39;RAB39	0.254322	0.633916	1.06429	1.06429	0.855849	0.97666	-1.0239	0.514763	0.917785	-1.08958	0.410548	0.896468	-1.11549	0.572552	1.07687	1.07687		0.12662	1.23937	1.23937	0.0295141	0.716869	-1.39496	0.375134	0.888501	-1.12549	0.44219	1.10713	1.10713	1.61904	0.432502	0.237453	1
cg05771637	SHANK3	0.254323	0.255915	3.08976	3.08976	0.0512026	8.26445	8.26445	0.135506	6.61781	6.61781	0.560228	1.73643	1.73643	0.694324	0.686812	-1.456		0.704095	0.695616	-1.43758	0.115777	0.196694	-5.08404	0.472119	2.00509	2.00509	0.844725	0.829844	-1.20505	1.61901	23.2001	12.7376	1
cg12630018	SDCBP2;SDCBP2	0.254325	0.469814	1.22352	1.22352	0.4126637	0.556088	-1.79915	0.0569	0.610388	1.63838	0.0108115	0.10118	-9.89135	1.52226	1.52226	1.52226		0.613648	1.80962	1.80962	0.0144895	2.14989	2.14989	0.178231	1.78231	1.78231	0.0556865	1.02333	1.02333	1.61901	1.92993	1.09568	1
cg09001226	PBX2	0.254332	0.690804	1.15365	1.15365	0.233886	1.56229	1.56229	0.4606	0.76448	-1.30808	?	?	?	?	0.6041	0.803813	-1.24407	0.942202	0.974411	-1.02626	0.080797	1.99816	1.99816	0.0733356	2.04188	2.04188	0.3026911	0.682705	-1.46476	1.6232	2.92058	1.79928	1
cg05460130	EIF5A2	0.254333	0.73555	1.07022	1.07022	0.368644	1.0079	1.0079	0.141743	1.37199	1.37199	0.0758449	1.48516	1.48516	0.883824	0.952638	-1.04972		0.307402	0.809362	-1.2354	0.102101	0.698174	-1.43231	0.0409027	0.910172	-1.09868	0.2710128	1.25784	1.25784	1.6192	1.02751	0.554141	1
cg04142321	LOC645323	0.254337	0.303531	0.629632	-1.58823	0.766287	1.13814	1.13814	0.0365779	2.8707	2.8707	0.96829	0.982885	-1.01741	0.618738	0.804299	-1.24332		0.10762	1.77383	1.77383	0.0582009	2.95467	2.95467	0.253265	0.843704	0.870225	-1.14913	1.16898	1.16898	1.61903	4.83203	2.65298	1
cg10789131	TIPARP;LOC100287227	0.25434	0.787917	0.838017	-1.19329	0.273587	2.11006	2.11006	0.749699	0.810763	-1.23341	0.931481	0.945198	-1.05798	0.268932	2.12677	2.12677		0.11627	0.326726	-3.06067	0.0721511	3.7261	3.7261	0.181101	0.39433	-2.53595	0.462585	0.612577	-1.63245	1.61897	11.0137	6.047	1
cg05280478	RECQL5;SAP30BP;RECQL5;RECQL5	0.254344	0.023719	2.08257	2.08257	0.495486	1.12105	1.12105	0.870503	1.04183	1.04183	-1.18788	0.733397	0.8715	1.14755

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00238318	DXDC6;EXOC6	0.254644	0.357778	0.777225	0.28661	0.521756	0.941739	-1.18802	0.930379	1.02246	1.02246	1.010876	0.59781	1.597071	0.03121391	1.95544	1.95544	0.475307	0.824727	-1.21224	0.699852	0.602323	-1.10825	0.770381	0.925188	-1.08086	0.3269	1.308085	1.61786	1.80382	0.991056	1
cg03460109	SORC5	0.254648	0.03809023	0.429553	-2.32746	0.25339	0.075596	-1.52609	0.07112339	0.492597	-2.03006	0.25536	0.6588337	-1.51783	0.136831	0.569406	-1.75622	0.265691	0.665261	-1.50317	0.15044	0.5818	-1.7188	0.175877	0.603063	-1.6582	0.16335	0.59287	-1.68671	0.16785	3.16401	1.73839	1
cg03032595	PDLIM7;PDLIM7;PDLIM7	0.254649	0.0667332	1.68454	1.68454	0.316666	1.30033	1.30033	0.863036	0.957142	-1.04478	0.6643617	1.69419	1.69419	0.812535	0.94151	-1.06212	0.249461	0.736864	-1.3571	0.125837	1.52227	1.52227	0.892531	1.03489	1.03489	0.550336	1.16567	1.16567	1.61784	1.64903	0.909024	1
cg03641468	RANBP9	0.254652	0.7202825	0.927714	-1.07792	0.548121	1.13525	1.13525	0.249038	0.777691	-1.28586	0.165128	0.791743	-1.3666	0.086172	0.673191	-1.48545	0.446905	0.850632	-1.1756	0.0664438	1.53655	1.53655	0.675671	0.915594	-1.09178	0.494784	0.865306	-1.15566	1.61783	1.15183	0.613071	1
cg04734275	DIP2C	0.254654	0.201007	0.495347	-2.01878	0.172555	0.469922	-2.12798	0.244035	0.53046	-1.88516	0.466408	0.680081	-1.47041	0.0271694	0.256625	-3.89674	0.259601	0.542402	-1.84365	0.0358814	0.328802	-3.03212	0.16408	0.461921	-2.16487	0.325161	0.589487	-1.69639	0.161783	6.93324	3.80936	1
cg07449026	C1orf173	0.254655	0.0553381	0.726495	-1.37647	0.593433	0.923461	-1.08288	0.345847	0.867041	-1.15335	0.896773	0.981506	-1.01926	0.938514	0.988727	-1.0114	0.470528	0.897737	-1.11391	0.37187	1.44423	1.44423	0.6549692	0.726201	-1.37686	0.087746	0.757614	-1.31993	1.61782	0.553329	0.304019	1
cg21604743	PNPLA4;PNPLA4	0.254658	0.0477981	29.6951	29.6951	0.915257	1.17292	1.17292	0.221122	0.87086	6.87086	0.296773	5.05798	5.05798	0.390089	0.267228	-3.74213	0.770171	1.5511	1.5511	0.10725	13.9345	13.9345	0.705817	1.76517	1.76517	0.0702851	20.7349	20.7349	1.61781	57.5299	31.6092	1
cg22931562	ZFYVE1	0.254663	0.67444	0.928367	-1.07756	0.536406	1.11644	1.11644	0.354372	1.1825	1.1825	0.294053	0.825741	-1.21103	0.710225	0.959459	-1.06785	0.0297943	1.56811	1.56811	0.18002	1.27738	1.27738	0.598734	0.910809	-1.09792	0.199443	1.27162	1.27162	1.61779	0.7939063	0.493744	1
cg02482603	RABGAP1L;RABGAP1L	0.254665	0.49923	0.847552	-1.17987	0.31018	1.28817	1.28817	0.176882	0.62687	-1.59547	0.232145	0.739213	-1.35279	0.314568	0.686121	-1.45747	0.611356	0.883759	-1.13153	0.437571	1.2104	1.2104	0.0558585	1.68602	1.68602	0.310134	0.776273	1.22821	1.61779	1.48898	0.818611	1
cg03705608	EEF1EC	0.254665	0.74999	1.14288	1.14288	0.91421	0.95598	-1.04605	0.501693	1.32957	1.32957	0.139922	0.515053	-1.94155	0.666729	0.834443	-1.1984	?	?	?	0.844068	1.08575	1.08575	0.113149	2.05496	2.05496	0.0539325	0.401008	-2.49372	1.62195	3.98480	2.45685	1
cg26137736	NXF5;NXF5	0.254675	0.729878	1.27455	1.27455	0.884565	0.24822	-3.2828	0.279642	0.455379	-2.19597	0.188992	0.377588	1.098751	0.0375579	0.220342	-4.45555	0.955757	0.961915	-1.03959	0.812207	0.398649	-2.50847	0.916996	1.075669	1.07569	0.0700425	0.242295	-4.1272	1.61777	12.5504	6.89587	1
cg04554720	C21orf82;C21orf82	0.254671	0.387065	0.515486	-1.93992	0.0113658	0.0936313	-10.6802	0.379138	0.509487	-1.96276	0.926905	0.93372	-1.07099	0.144272	0.309667	-3.22927	0.412354	0.534498	-1.87091	0.173448	0.33875	-2.95203	0.579414	0.653802	-1.51957	0.954978	1.0431	1.61777	14.3123	7.86398	1
cg07567497	SLC12A7	0.254673	0.270105	0.574307	-1.67952	0.811185	1.11412	1.11412	0.62099	0.798059	-1.25312	0.563199	0.768046	-1.30203	0.0865182	0.220341	-4.53843	0.419264	0.68913	-1.45156	0.625378	1.24863	1.24863	0.917563	1.0481	1.0481	0.653192	0.816318	1.22501	1.61776	5.23281	2.87026	1
cg06597516	HIGD1C	0.254676	0.699743	1.07232	1.07232	1.363486	1.13525	1.13525	0.823856	0.96063	-1.04098	0.958118	0.990583	-1.00951	0.468925	1.14197	1.14197	0.462706	1.14418	1.14418	0.0159434	1.72837	1.72837	0.508702	0.886221	-1.12839	0.118343	1.35729	1.35729	1.61775	0.831709	0.456092	1
cg12273284	CAMKK1;CAMKK1D	0.254679	0.823341	0.859836	-1.16301	0.939089	0.949695	-1.05297	0.0612815	0.240714	-4.15431	0.269991	0.460636	-2.17221	0.0890322	0.281775	-3.54893	0.954081	0.961586	-1.03966	0.30041	0.488454	-2.06418	0.133603	0.298245	0.284384	0.471864	-2.11926	1.61773	11.6868	6.42146	1
cg24116779	MOGAT3	0.254681	0.163816	1.71505	1.71505	0.0752096	0.455554	-2.19513	0.533552	0.794185	-1.25936	0.638329	1.18992	1.189922	0.0753735	0.483289	-2.06915	0.910251	1.04229	1.04229	0.482455	1.28955	1.28955	0.313938	0.682245	-1.46596	0.883227	0.947449	-1.05547	1.61773	3.45641	1.88918	1
cg00487155	LOC100129637	0.254682	0.137628	0.49389	-2.02474	0.909941	0.951302	-1.05119	0.547468	1.30811	1.30811	0.382902	0.673818	-1.48408	0.175539	0.529646	-1.88805	0.569452	0.775954	-1.28874	0.265039	0.598996	-1.66946	0.105393	0.458147	-2.18271	0.0279752	0.318039	-3.14427	1.61772	4.98758	2.74052	1
cg26739378	LMTK3	0.254685	0.0273275	0.656303	-1.52393	0.48124	1.12239	1.12239	0.919537	0.983831	-1.01643	0.921978	1.01593	1.015593	0.757669	1.05118	1.05118	0.045934	0.691442	-1.44625	0.220219	1.05972	1.05972	0.553809	0.907944	-1.10194	0.513708	0.904111	-1.10606	1.61771	0.6664473	0.366209	1
cg04084609	EVL	0.254689	0.873489	1.07441	-1.14293	0.0139288	1.26758	1.26758	0.0755422	0.521217	-1.91852	0.0804485	0.937052	-1.03072	0.810643	0.817714	-1.22292	0.583119	1.59516	1.59516	0.024001	1.51681	1.51681	0.502451	1.7694	1.7694	0.770048	0.78212	-1.27858	1.61767	18.008	9.89576	1
cg21625330	MSRA;MSRA	0.254698	0.71436	0.94203	-1.06154	0.919615	0.983735	-1.01653	0.117925	1.31761	1.31761	0.785576	0.956665	-1.0453	0.280792	1.19976	1.19976	0.0554521	0.702819	-1.42284	0.0978424	0.744506	-1.34317	0.606356	0.919027	-1.08811	0.783438	0.95623	-1.04577	1.61766	0.6761581	0.371541	1
cg15128809	NEURL	0.25471	0.699171	0.893102	-1.12005	0.223181	1.45433	1.45433	0.153641	1.56702	1.56702	0.775562	1.08768	1.087681	0.346938	0.75219	-1.32945	0.533571	1.20369	1.20369	0.0354794	0.488428	-2.05411	0.373136	0.756277	-1.3043	0.950889	1.01828	1.01828	1.61762	2.21485	1.21707	1
cg24864984	FOXP1	0.25471	0.989348	0.996896	-1.00311	0.17671	1.39711	1.39711	0.819855	0.94827	-1.05455	0.890451	0.968419	-1.03261	0.410288	0.821951	-1.21662	0.016889	1.97128	1.97128	0.332247	0.790213	-1.26229	0.807616	1.05845	1.05845	0.71432	0.917951	-1.08938	1.61762	1.38913	0.763366	1
cg02883595	KCNK17;KCNK17	0.254713	0.578384	0.703703	-1.42139	0.38634	0.715555	1.54071	0.264553	0.74335	-1.34535	0.299568	0.520636	-1.92076	0.204337	0.616353	-1.62201	0.141543	0.564576	-1.77091	0.311708	0.694075	-1.44064	0.441244	0.413749	2.41744	0.0158275	0.464127	-2.16817	1.61761	3.10952	1.64118	1
cg06125041	CDH23	0.254713	0.737752	0.931079	-1.07402	0.7584804	1.52178	1.52178	0.174079	1.35971	1.35971	0.953574	1.01245	1.01245	0.316193	0.802349	-1.24634	0.490385	0.861677	-1.16053	0.0587879	1.57395	1.57395	0.502427	0.865329	-1.15563	0.629782	1.10873	1.10873	1.61761	1.15693	0.635739	1
cg08380391	AATK	0.254715	0.457577	0.780685	-1.28093	0.26725	1.45976	1.45976	0.52592	1.2316	1.2316	0.791921	1.09039	1.09039	0.337367	0.741655	-1.34834	0.829825	0.93198	-1.07298	0.124916	0.588526	-1.72228	0.0249787	0.417602	-2.39411	0.840704	1.06808	1.06808	1.61761	2.74426	1.508	1
cg08054940	PGBD2;PGBD2	0.254716	0.67935	0.877153	-1.13995	0.38638	1.03575	1.03575	0.852743	1.03575	1.03575	0.852743	1.03575	1.03575	0.852743	1.03575	0.852743	0.555532	1.80192	1.80192	0.0176458	2.27405	2.27405	0.0176458	1.60361	1.60361	0.476956	0.622244	-1.54647	0.440545	1.61692	0.915297	0.552865	1
cg22037249	HLA-DPA1	0.254732	0.804299	1.29836	1.29836	0.628128	0.648651	-1.54166	0.260952	0.291416	-3.43152	0.976103	0.968906	-1.03209	0.0228618	0.0570535	-17.5274	0.797024	0.76257	-1.31135	0.121237	0.170845	-5.85324	0.0940513	0.144261	-6.93189	0.219211	0.256952	-3.89178	0.16754	28.3345	15.5707	1
cg23100013	C17orf58	0.254734	0.0459393	0.283287	-1.52398	0.428344	1.08371	1.08371	0.883703	0.902493	-1.08404	0.867802	0.9062	1.006202	0.974552	1.02451	-1.01551	?	?	?	?	0.384725	-2.59949	0.0970532	0.144018	-6.94618	0.124018	0.298039	0.63975	1.61759	0.6516056	0.358132	1
cg16156182	KCNAB1;KCNAB1	0.254736	0.85669	0.06237	1.06237	0.610383	0.841978	-1.18768	0.163545	0.609387	-1.64099	0.967736	1.01363	1.013631	0.985285	0.745274	-1.34179	0.045828	2.51651	2.51651	0.06315	1.63925	1.63925	0.372879	0.736239	-1.35825	0.366143	1.36448	1.36448	1.61753	2.87013	1.57724	1
cg05768908	C10orf78;C10orf78	0.254737	0.0404726	0.0424822	-23.5393	0.0721093	0.0732648	-13.6491	0.396322	0.344234	-2.905	0.568652	2.0163	2.0163	0.743744	0.627073	-1.48794	0.126587	0.121746	-8.21379	0.630239	0.554774	-1.80254	0.401053	0.34821	-2.87183	?	?	?	1.8673	35.2467	11.7974	1
cg07764552	PLEKHG5	0.254745	0.864134	1.05421	1.05421	0.483578	1.24339	1.24339	0.505378	1.32037	-1.23147	0.402342	0.767842	1.302035	0.376494	0.768103	-1.30215	0.480039	0.810686	-1.23371	0.277403	1.25977	1.25977	0.426113	0.778403	-1.28465	0.891149	1.04311	1.04311	1.61751	0.4379775	0.13746	1
cg08785133	PORCN;PORCN;PORCN;PORCN;PORCN	0.254741	0.181608	0.228682	-4.37288	0.804049	1.29414	1.29414	0.874095	1.17939	1.17939	0.110172	0.11981	6.119981	0.103379	6.38186	6.38186	0.0769831	0.129234	-7.73791	0.712022	0.679991	-1.47076	0.98819	1.01552	1.01552	0.943084	1.07712	1.07712	1.61751	27.7337	15.2408	1
cg17045539	MSI2;MSI2	0.254744	0.515256	0.846215	-1.18173	0.14734	0.67469	-1.48216	0.220631	0.721879	-1.38527	0.178587	1.43574	1.43574	0.0533725	0.573844	-1.74263	0.705163	0.908281	-1.10098	0.745639	1.08587	1.08587	0.980003	1.00636	1.00636	0.132507	0.663105	-1.50806	1.6175	1.64082	0.901708	1
cg22430790	PHKB;PHKB	0.254746	0.495133	0.796051	-1.2562	0.139588	1.6879	1.6879	0.686579	0.874965	-1.1429	0.672902	1.15007	1.150007	0.410653	0.758025	-1.31922	0.204045	1.55485	1.55485	0.04816	0.475382	-2.10357	0.0936909	1.35493	1.35493	0.47131	1.27289	1.27289	1.61749	2.77765	1.52645	1
cg14634687	IGF2BP1;IGF2BP1	0.254747	0.9560504	1.0388	1.0388	0.738536	1.59372	1.59372	0.0218811	1.68139	1.68139	0.0150037	1.11246	1.11246	0.0433415	1.84912	-1.17765	0.115058	0.564509	-1.77091	0.0195348	1.62026	-1.61128	0.0558275	0.461227	-2.16817	0.74318	1.12461	1.12461	1.61749	3.26837	1.79613	1
cg19612504	CDH23	0.254713	0.737752	0.931079	-1.07402	0.7584804	1.52178	1.52178	0.174079	1.35971	1.35971	0.953574	1.01245	1.01245	0.316193	0.802349	-1.24634	0.490385	0.861677	-1.16053	0.0587879	1.57395	1.57395	0.502427	0.865329	-1.15563	0.629782	1.10873	1.10873	1.61761	1.15693	0.635739	1
cg08380391	AATK	0.254715	0.457577	0.780685	-1.28093	0.26725	1.45976	1.45976	0.52592	1.2316	1.2316	0.791921	1.09039	1.09039	0.337367	0.741655	-1.34834	0.829825	0.93198	-1.07298	0.124916	0.588526	-1.72228	0.0249787	0.417602	-2.39411	0.840704	1.06808	1.06808	1.61761	2.74426	1.508	1
cg08054940	PGBD2;PGBD2	0.254716	0.67935	0.877153	-1.13995	0.38638	1.03575	1.03575	0.852743	1.03575	1.03575	0.852743	1.03575	1.03575	0.852743	1.03575	0.852743	0.555532	1.80192	1.80192	0.0176458	2.27405	2.27405	0.0176458	1.60361	1.60361	0.476956	0.622244	-1.54647	0.440545	1.61692	0.915297	0.552865	1
cg22037249	HLA-DPA1	0.254732	0.804299	1.29836	1.29836	0.628128	0.648651	-1.54166	0.260952	0.291416	-3.43152	0.976103	0.968906	-1.03209	0.0228618	0.0570535	-17.5274	0.797024	0.76257	-1.31135	0.121237	0.170845	-5.85324	0.0940513	0.144261	-6.93189	0.219211	0.256952	-3.89178	0.16754	28.3345	15.5707	1
cg23100013	C17orf58	0.254734	0.0459393	0.283287	-1.52398	0.428344	1.08371	1.08371	0.883703	0.902493	-1.08404	0.867802	0.9062	1.006202	0.974552	1.02451	-1.01551	?	?	?	?	0.384725	-2.59949	0.0970532	0.144018	-6.94618	0.124018	0.298039	0.63975	1.61759	0.6516056	0.358132	1
cg16156182	KCNAB1;KCNAB1	0.254736	0.85669	0.06237	1.06237	0.610383	0.841978	-1.18768	0.163545	0.609387	-1.64099	0.967736	1.01363	1.013631	0.985285	0.745274	-1.34179	0.045828	2.51651	2.51651	0.06315	1.63925	1.63925	0.372879	0.736239	-1.35825	0.366143	1.36448	1.36448	1.61753	2.87013	1.57724	1
cg05768908	C10orf78;C10orf78	0.254737	0.0404726	0.0424822	-23.5393	0.0721093	0.0732648	-13.6491	0.396322	0.344234	-2.905	0.568652	2.0163	2.0163	0.743744	0.627073	-1.48794	0.126587	0.121746	-8.21379	0.630239	0.554774	-1.80254	0.401053	0.34821	-2.87183	?	?	?	1.8673	35.2467	11.7974	1
cg07764552	PLEKHG5	0.254745	0.864134	1.05421	1.05421	0.483578	1.24339	1.24339	0.505378	1.32037	-1.23147	0.402342	0.767842	1.302035	0.376494	0.768103	-1.30215	0.480039	0.810686	-1.23371	0.277403	1.25977	1.25977	0.426113	0.778403	-1.28465	0.891149	1.04311	1.04311	1.61751	0.4379775	0.13746	1
cg08785133	PORCN;PORCN;PORCN;PORCN;PORCN	0.254741	0.181608	0.228682	-4.37288	0.804049	1.29414	1.29414	0.874095	1.17939	1.17939	0.110172	0.11981	6.119981	0.103379	6.38186	6.38186	0.0769831	0.129234	-7.73791	0.712022	0.679991	-1.47076	0.98819	1.01552	1.01552	0.943084	1.07712	1.07712	1.61751	27.7337	15.2408	1
cg17045539	MSI2;MSI2	0.254744	0.515256	0.846215	-1.18173	0.14734	0.67469	-1.48216	0.220631	0.721879	-1.38527	0.178587	1.43574	1.43574	0.0533725	0.573844	-1.74263	0.705163	0.908281	-1.10098	0.745639	1.08587	1.08587	0.980003	1.00636	1.00636	0.132507	0.663105	-1.50806	1.6175	1.64082	0.901708	1
cg22430790	PHKB;PHKB	0.254746	0.495133	0.796051	-1.2562	0.139588	1.6879	1.6879	0.686579	0.874965	-1.1429	0.672902	1.15007	1.150007	0.410653	0.758025	-1.31922	0.204045	1.55485	1.55485	0.04816	0.475382	-2.10357	0.0936909	1.35493	1.35493	0.47131	1.27289	1.27289	1.61749	2.77765	1.52645	1
cg16364687	FBXW7;FBXW7	0.254747	0.9560504	1.0388	1.0388	0.738536	1.59372	1.59372	0.0218811	1.68139	1.68139	0.0150037	1.11246	1.11246	0.0433415	1.84912	-1.17765	0.115058	0.564509	-1.77091	0.0195348	1.62026	-1.61128	0.0558275	0.461227	-2.16817	0.74318	1.12461	1.12461	1.61749	3.26837	1.79613	1
cg21014570	OPCML;OPCML	0.2547	0.391229	0.43192	-2.31524	0.162553	0.243051	-4.11437	0.990865	0.989119	-1.011	0.836234	0.820527	-1.21873	0.0985318	0.170048	-5.64817	0.230904	0.300888	-3.32349	0.0254946	0.0791135	-12.6401	0.0909787	0.168754	-5.92578	0.526862	0.54186	-1.84549	1.61748	23.3956	12.8571	1
cg27960587	FBY	0.25475	0.526313	0.788502	-1.26808	0.93007	1.1002	1.1002	0.883571	1.00547	1.00547	0.0504009	2.30243	2.30243	0.0017394	3.70572	-1.41698	0.168504	1.17315	1.17315	0.0657404	2.99794	2.99794	0.0017394	1.23488	1.23488	0.345307	0.57531	1.57531	0.572206	1.61748	1.22722	0.614748	1.53683	1
cg01129637	APOA4	0.254752	0.802879	0.94538	-1.05778	0.683338	0.91343	-1.09477	0.347428	0.804721	-1.24267	0.360399	0.809649	-1.2351	0.227838	0.752563	-1.32879	0.576482	0.880984	-1.13509	0.0810911	1.90542	1.90542	0.98948	1.00481	1.00481	0.685611	1.0957	1.0957	1.61747	1.29187	0.709557	1
cg24902206	NTM;NTM;NTM;NTM	0.254752	0.374595	0.666458	-1.50047	0.465818	1.3916	1.3916	0.676399	1.2055	1.2055	0.710949	1.18026	1.18026	0.0108432	0.24062	-4.15592	0.48793	0.730699	-1.36855	0.399753	0.68126	-1.46787	0.848006	1.08919	1.08919	0.714079	0.848877	-1.17803	1.61747	5.07847	2.7909	1
cg02865818	WWC1;WWC1;WWC1	0.254754	0.0496817	0.754648	-1.32517	0.73466	1.62025	1.62025	1.5632	1.62025	1.62025	1.5632	1.62025	1.62025	1.5632	1.62025	1.5632	0.812655	0.943215	-1.06022	0.403893	1.23522	1.23522	0.72249	1.09177	1.09177	0.685333	0.904561	-1.10551	0.715456	1.61746	1.22722	0.614748	1.53683	1
cg16374471	PRKACB;PRKACB;PRKACB;PRKACB	0.254764	?	?	?	0.386341	1.37234	1.37234	0.982175	1.0053	1.0053	0.0791346	2.00328	2.00328	0.162754	1.62751	-1.62751	0.699704	1.14814	1.14814	0.0976966	0.523276	-1.91104	0.534204	1.25155	1.25155	0.178095	1.66533	1.66533	1.62158	2.90019	1.7885	1
cg07132492	ATP1L4;ATP1L4	0.254765	0.67935	0.877153	-1.13995	0.38638	1.03575	1.03575	0.852743	1.03575	1.03575	0.852743	1.03575	1.03575	0.852743	1.03575	0.852743	0.555532	1.80192	1.80192	0.0176458	2.27405	2.27405	0.0176458	1.60361	1.60361	0.476956	0.622244	-1.54647	0.440545	1.61692	0.915297	0.552865	1
cg12037246	SYTL2;SYTL2	0.254782	0.708649	0.94821	-1.05462	0.878101	1.02198	1.02198	0.44664	0.859528	-1.11636	0.0605894	0.741009	-1.34951	0.258262	1.1819	1.1819	0.258937	1.18159	1.18159	0.108418	0.78028	-1.28159	0.547845	0.917448	-1.08998	0.313295	1.15923	1.15923	1.61736	0.5141035	0.282565	1
cg10137678	RIP4L	0.254792	0.812621	1.09805	-1.52398	0.428344	1.08371	1.08371	0.883703	0.902493	-1.08404	0.867802	0.9062	1.006202	0.974552	1.02451	-1.01551	0.821288	1.10674	1.10674	0.0776383	1.59705	1.59705	0.2649	0.797643	1.09539	0.552708	1.108	1.108	1.61732	0.6514616	0.358132	1
cg05529156	RNLS;RNLS	0.254793	0.780054	0.782722	-1.37759	0.0388976	8.104	8.104	0.0155759	1.76478	1.76478	0.0113766	2.31736	2.31736	0.0126436	2.39881	-1.59276	1.7723	1.7723	1.7723	0.0157372	2.64811	2.64811	0.292924	2.59813	2.59813	0.161656	1.87011	1.87011	1.61732	6.15163	10.7807	1
cg22888181	ITPRIP	0.254801	0.526797	0.5444	-1.83689	0.0458596	0.114155	-8.76002	0.0508137	0.121262	-8.24663	0.490501	0.514733	-1.94276	0.913684	1.10828	1.10828	0.90633	1.11808	1.11808	0.727004	1.39423	1.39423	0.19149	3.71079	3.71079	0.652147	0.65033	-1.53768	1.61729	23.0298	12.6576	1
cg03113100	MR4I04	0.254803	0.761311	1.08233	1.08233	0.668373	1.39	1.39	0.0175517	1.86482	1.86482	0.298841	1.27722	1.277222	0.178234	1.77224	-1.39235	0.116602	0.678739	1.47332	0.172244	1.39131	1.39131	0.967021	1.00482	1.00482	0.984543	1.0094	1.0094	1.61729	1.37997	0.727233	1
cg23828962	NBEA	0.254811	0.85732	0.911743	-1.0968	0.0345281	0.282056	-3.54539	0.592161	1.32001	1.32001	0.465573	1.46414	1.46414	0.679361	0.807837	-1.23787	0.425842	0.658697	-1.51815	0.128769	0.430487	-2.32295	0.443716	0.663561	-1.50702	0.19032	0.20822	2.08222	1.61725	6.75169	3.71093	1
cg23037644	CHCH08	0.254814	0.35563	0.660404	-1.51404	0.415903	0.715556	1.39732	0.118007	0.209793	4.77035	0.0129961	0.324541	1.32577	0.117126	0.475668	-2.10253	0.680201	0.814324	1.22831	0.279963	0.612457	-1.63277	0.87233	0.723073	0.934481	-1.07011	0.295841	0.623204	-1.60513	0.332434	4.88077	2.68263	1
cg13289202	ABTB2	0.254818	0.147088	0.34195	-2.92444	0.0430978	0.245131	-4.07945	0.141176	0.335752	-2.97839	0.159237	0.354334	-2.82219	0.0228362	0.418136	-2.39157	0.271054	0.453688	2.20416	0.0155959	0.219577	-4.55421	0.323207	0.494741	-2.02126	0.100545	0.289194	-3.45788	1.61723	12.1828	6.60614	1
cg01526470	CDU3A2	0.254821	0.511831	0.728117	-1.37341	0.136104	0.464908	-2.15096	0.1171	0.444051	-2.25199	0.0979738	2.37663	2.37663	0.120258	0.447657	-2.23385	0.382055	0.931648	-1.07337	0.980407	1.10173	1.10173	0.389177	1.52325	1.52325	0.933375	0.96091	-1.04068	1.61722	5.82514	3.20174	1
cg08079468	SEC24A	0.254822	0.0363345	0.294628	-3.39824	0.0142755

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg18849256	BICD1;BICD1	0.255053	0.131049	0.275446	0.63046	0.963696	0.10665	1.03665	0.778268	1.25013	0.212491	0.35399	-2.82694	0.0786632	0.21341	-4.68582	0.262885	0.107275	-2.53715	0.0786661	0.253479	-4.68668	0.205497	-4.56071	1.61637	0.16.0108	0.804821	1
cg02095003	ZNF275	0.255053	0.0404496	0.149663	-6.66831	0.70963	0.740925	-1.34966	0.733096	0.760261	-1.31533	0.515831	0.90807	0.567807	0.803747	0.805086	-1.2421	0.19557	0.333748	-2.99627	0.886652	0.891952	-1.12114	0.834816	0.845859	-1.18223	0.834211	0.845331	-1.18297	1.61637	16.4532	0.90481	1
cg26005485	FAM135B	0.255054	0.125999	0.261514	-3.82389	0.419018	0.512231	-1.95224	0.929773	1.07402	1.07402	0.601657	0.652654	-1.5322	0.0610483	0.180813	-5.53057	0.278669	0.401492	-2.49071	0.0292768	0.124864	-8.00869	0.238468	0.367769	-2.7191	0.194878	0.329269	-3.03703	1.61637	16.8027	9.24034	1
cg18478353	SLC37A1	0.255054	0.327176	0.816854	-1.22421	0.0480488	0.636368	-1.57137	0.425978	0.849948	-1.17654	0.810097	1.04688	1.04688	0.113497	0.724405	-1.38027	0.652494	1.09489	1.09489	0.146079	1.36553	1.36553	0.521176	1.13816	1.13816	0.489096	0.868887	-1.1509	1.61637	1.02394	0.563097	1
cg18020072	SNORA38;BAT2	0.255055	0.197826	0.620423	-1.6118	0.403083	1.34996	1.34996	0.174525	1.65948	1.65948	0.142202	1.24156	1.24156	0.0607686	0.476476	-2.09874	0.578026	0.821133	-1.21783	0.119977	0.553459	-1.80682	0.671362	0.860994	-1.16145	0.960609	1.015303	1.015303	1.63636	3.14846	1.73144	1
cg19043679	RIS14	0.255059	0.667042	0.751309	-1.33101	0.132323	0.341978	-2.02416	0.560973	1.47459	1.47459	0.880856	1.10416	1.10416	0.957248	1.03605	-1.03605	0.524226	1.5317	1.5317	0.0618024	0.249318	-4.01094	0.038266	0.20467	-4.88592	0.933085	0.946031	-1.05705	1.61635	11.1732	6.14454	1
cg17343325	TLE2;TLE2;TLE2	0.255064	0.139307	0.791001	-1.26422	0.216175	0.825479	-1.21142	0.616822	0.928358	-1.07717	0.240357	0.834316	-1.19859	0.847047	1.02886	1.02886	0.051638	0.721512	-1.38598	0.0908213	0.759934	-1.3159	0.442482	1.12232	1.12232	0.646264	1.07047	1.07047	0.16033	0.555871	0.305697	1
cg08134791	CUTA;CUTA;CUTA;CUTA;CUTA	0.255065	0.287227	0.720981	-1.387	0.571225	0.969691	-1.03126	0.102567	0.589198	-1.69665	0.340234	1.3377	1.3377	0.745438	1.10125	1.10125	0.379417	1.30598	1.30598	0.0613748	0.535801	-1.86637	0.650608	1.14452	1.14452	0.252509	1.42455	1.42455	0.16033	2.24365	1.23988	1
cg11105907	GPC4	0.25507	0.249383	1.63736	1.63736	0.207301	0.840412	-1.18989	0.515986	0.765389	-1.30652	0.343941	0.5257	-1.90222	0.0556894	0.411463	-2.43035	0.17219	1.83136	1.83136	0.337459	1.49935	0.926253	0.962791	-1.03865	0.725069	0.865347	-1.25561	1.61631	4.29444	2.36172	1
cg16389984	LOC388387	0.255084	0.571262	1.12533	1.12533	0.486719	1.15701	1.15701	0.689045	0.920341	-1.08655	0.490476	0.865413	-1.15552	0.602766	1.11445	1.11445	0.169375	1.35273	1.35273	0.0115866	1.91821	1.91821	0.816552	1.0491	1.0491	0.441499	1.17583	1.17583	1.61626	1.09021	0.599578	1
cg10900351	SETD1B	0.255085	0.61505	1.12944	1.12944	0.349119	0.965201	-1.1546	0.113507	1.41107	1.41107	0.138045	1.27188	1.27188	0.0479194	0.364809	-2.74179	0.0768888	1.5232	1.5232	0.264382	1.27991	1.27991	0.495347	0.86235	-1.15962	0.800175	0.870879	-1.14829	1.61626	1.17124	0.644147	1
cg13039021	TBCD	0.255086	0.983385	0.992051	-1.00801	0.393739	1.39765	1.39765	0.674201	1.1759	1.1759	0.948109	1.02526	1.02526	0.0184383	0.334339	-2.99098	0.674891	0.850723	-1.17547	0.116323	0.92323	0.926276	0.926276	0.919211	-1.08789	0.793174	0.904203	-1.10595	1.61625	3.75954	2.06764	1
cg14454278	TDP1;TDP1	0.255087	0.40449	0.882735	-1.12601	0.329727	0.869223	-1.15045	0.218088	0.835093	-1.19756	0.116228	0.788558	-1.26814	0.0453801	0.229183	-4.37033	0.226154	1.19275	1.19275	0.0961755	0.988327	-1.01183	0.58977	1.70865	1.70865	0.682294	1.05895	1.05895	1.04625	0.495697	0.272619	1
cg17623145	EIF1	0.255087	0.783117	1.07304	1.07304	0.815687	1.06147	1.06147	0.488035	0.902016	-1.10863	0.453349	0.822704	-1.2155	0.0339264	0.512202	-1.88252	0.182586	0.696714	-1.43531	0.117476	0.647656	-1.54403	0.213994	1.39693	1.39693	0.944285	1.01802	1.01802	1.61625	1.67087	0.918031	1
	CASP8AP2;CASP8AP2;CASP8AP2;CASP8																																
cg18464790	AP2	0.255093	0.017084	0.465325	-2.14904	0.927584	0.976364	-1.02421	0.930089	0.977174	-1.02336	0.741513	1.09101	1.09101	0.248957	0.728258	-1.37314	0.385416	0.791239	-1.26384	0.229519	0.225321	1.30877	1.30877	0.370209	0.784944	-1.27398	1.61623	1.77246	0.974815	1
cg22508530	B4GALT2;B4GALT2	0.255093	0.887001	1.00629	1.00629	0.2226	1.05814	1.05814	0.850871	1.00833	1.00833	0.934086	0.996359	-1.00365	0.252066	0.948611	-1.05417	0.132559	1.07419	1.07419	0.563613	1.02608	1.02608	0.0421999	0.901951	-1.10871	0.402774	0.962949	-1.03848	1.61623	0.0497667	0.0273706	1
cg05422009	C16orf45	0.255095	0.0576311	0.685002	-1.45945	0.332026	1.19285	1.19285	0.0581583	0.687152	-1.45834	0.34451	0.842339	-1.18717	7	7	7	0.423223	0.865771	-1.15504	0.0400022	1.02028	1.02028	0.651362	1.68346	1.68346	0.0870666	1.02293	1.02293	1.62604	0.708286	0.457121	1
cg00039377	SPTBN4;SPTBN4	0.255096	0.0703362	0.715004	-1.39855	0.247601	0.818303	-1.22245	0.515989	1.16541	1.16541	0.171362	0.785442	-1.27317	0.0752671	0.720034	-1.38882	0.166735	0.783105	-1.27697	0.0703579	0.829754	-1.20518	0.726138	1.06008	1.06008	0.16221	0.703967	0.387169	1.61623	0.709367	0.387169	1
cg25339073	MYPED2	0.255097	0.973191	0.99035	-1.00974	0.284282	0.725451	-1.37845	0.930256	0.975057	-1.02558	0.85253	1.05516	1.05516	0.0203661	0.446303	-2.24063	0.22081	0.689759	-1.44978	0.261531	1.40194	1.40194	0.436223	1.25759	1.25759	0.852178	1.0553	1.0553	1.61621	2.13126	1.17216	1
cg11772643	PFKP	0.255101	0.885242	1.09084	1.09084	0.463898	1.13586	1.13586	0.71248	1.06241	1.06241	0.906189	-1.01852	0.808418	0.954928	-1.04709	0.238045	0.173707	1.35638	1.35638	0.0228838	0.56363	1.77421	1.77421	0.65631	1.29882	0.462556	1.17057	1.17057	1.6262	1.13533	0.62442	1
cg22127309	TRAF3IP2;TRAF3IP2;TRAF3IP2	0.255104	0.0303191	0.290862	-3.43806	0.0792966	0.388759	-2.57229	0.109959	0.429552	-2.328	0.311813	0.602013	-1.66109	0.422268	0.671951	-1.4882	0.959161	0.97547	-1.02515	0.774273	1.08216	1.08216	0.233857	0.545903	-1.83183	1.61618	0.620106	3.31154	1
cg21858764	SEMA4A	0.255105	0.835708	0.938958	-1.07078	0.565142	1.21106	1.21106	0.203588	0.835093	-1.19756	0.116228	0.788558	-1.26814	0.0453801	0.229183	-4.37033	0.768604	0.859233	-1.16402	0.0776506	1.19734	1.19734	0.0283332	0.717301	-1.39412	0.1499707	1.0424	1.0424	1.61618	0.211501	0.152678	1
cg10069734	DBI;DBI;C2orf76;DBI	0.255112	0.514374	1.850481	-1.17581	0.513655	1.17614	1.17614	0.101745	1.55081	1.55081	0.907599	1.02885	1.02885	0.897853	1.03196	1.03196	0.56572	1.867439	-1.15282	0.0225941	0.512335	-1.95185	0.689608	1.10333	1.10333	0.62877	1.12673	1.12673	1.61616	1.53557	0.844568	1
cg10143349	BLZF1;NME7;NME7	0.255112	0.15277	1.31505	1.31505	0.327582	1.1981	1.1981	0.276608	1.22432	1.22432	0.963402	1.00824	1.00824	0.0994556	1.3812	1.3812	0.210476	1.26617	1.26617	0.200516	0.7852	-1.27356	0.0783735	1.41864	1.41864	0.350482	1.18752	1.18752	1.61616	0.818693	0.450283	1
cg09910998	SGCE;PEG10;SGCE;PEG10;SGCE	0.255115	0.0463984	1.53049	1.53049	0.0402484	1.63153	1.63153	0.793686	1.04886	1.04886	0.0178455	1.28051	1.28051	0.2949977	1.52761	1.52761	0.138275	0.533576	1.87482	0.0114554	1.34972	1.34972	0.756108	1.03966	1.03966	0.846052	1.02456	1.02456	1.61615	0.39881	0.219348	1
cg24482653	PRMT1;PRMT1;PRMT1	0.255119	0.927549	0.981451	-1.0189	0.510972	0.871744	-1.14713	0.0158802	0.544384	-1.83694	0.244089	0.778108	-1.28517	0.448012	1.17257	1.17257	0.443774	0.848373	-1.17873	0.446131	0.852247	-1.17331	0.152503	0.729426	-1.37094	0.253833	0.782452	-1.27803	1.61613	1.08483	0.596669	1
cg10949632	GPC6	0.255122	0.47315	0.857175	-1.16645	0.185564	0.427343	2.34043	0.0158802	0.544384	1.83812	0.244089	1.20721	1.20721	0.4113364	0.831282	1.20241	0.241041	0.321939	1.2528	0.0152546	0.0197052	1.2481	1.2481	0.0152546	0.0197052	1.2481	1.2481	1.61612	1.23863	0.681283	1
cg11800159	FARP1;RNF113B;FARP1	0.255124	0.254761	0.775179	-1.29002	0.496732	1.61533	1.61533	0.119831	1.43537	1.43537	0.544733	0.876960	-1.14029	0.923603	0.92075	-1.02075	0.556789	1.13573	1.13573	0.26335	1.33037	1.33037	0.662828	0.098551	1.09851	1.14019	1.39419	1.61611	1.17397	0.645701	1
cg27637706	MEGF6	0.255125	0.880718	0.971431	-1.02941	0.920013	0.980798	-1.01958	0.871219	1.03181	1.03181	0.617073	1.08595	1.08595	0.964067	1.00873	1.00873	0.103519	1.14015	1.14015	0.0182425	1.73872	1.73872	0.253911	0.794548	-1.25858	0.896663	0.975229	-1.0254	1.61611	0.953732	0.524569	1
cg23689127	HERC5	0.255125	0.0744583	1.24587	1.24587	0.0744583	1.07246	-1.05065	0.705135	0.944319	-1.05879	0.744625	0.966501	-1.03479	0.878403	1.01952	1.01952	0.0718477	1.1106	1.1106	0.0178403	1.04427	1.04427	0.461768	1.12295	1.12295	0.082741	0.990404	0.990404	1.05099	1.61611	0.963408	0.533004	1
cg04447323	TUBGCP2	0.255126	0.462243	0.62409	-1.60233	0.450161	0.615582	-1.62343	0.673474	0.767650	-1.30605	0.950803	1.03964	1.03964	0.0248683	0.185966	-5.37734	0.035253	0.21334	-4.68735	0.780784	1.18333	1.18333	0.671106	0.764077	-1.30877	0.248373	0.467576	-2.13869	1.61611	0.10585	0.58738	1
cg13382734	AP4S1;STRN3;STRN3;APS1	0.255127	0.0154284	0.515993	-1.93844	0.0104409	0.26753	-3.73855	0.0158802	0.544384	-1.83694	0.244089	0.778108	-1.28517	0.448012	1.17257	1.17257	0.0888704	0.48536	-2.05982	0.0158802	0.544384	-1.83694	0.244089	0.778108	-1.28517	0.448012	1.17257	1.17257	1.61611	1.11114	0.970358	0.600902	1.61611	0.0158802	0.544384	1.83694	0.244089	1
cg19373090	PTBP1;PTBP1;PTBP1;PTBP1	0.255132	0.184833	1.32719	1.32719	0.090522	0.687028	-1.45554	0.101558	1.43447	1.43447	0.542400	1.13214	1.13214	0.405955	0.842719	-1.18664	0.405688	1.18676	1.18676	0.282562	1.252	1.252	0.221273	0.29535	1.29535	0.898967	1.0259	1.0259	1.61608	1.03686	0.570303	1
cg09789939	ZFP41	0.255132	0.295459	0.545243	-1.83404	0.104409	2.69753	2.69753	0.044351	0.63678	0.53678	0.758018	0.841342	-1.18858	0.29947	0.548184	-1.82421	0.397577	0.161668	-1.62293	0.453531	1.52973	1.52973	0.624355	1.31772	1.31772	0.915139	0.942152	-1.0614	1.61608	7.99907	4.39971	1
	ZNF493;ZNF493;ZNF493;ZNF493;ZNF49																																
cg08101139	L2NF493	0.255135	0.291504	0.802524	-1.24607	0.496406	1.1489	1.1489	0.175331	0.748504	-1.336	0.89098	1.02795	1.02795	0.964473	0.991088	-1.00899	0.206831	1.30681	1.30681	0.0257615	0.587287	-1.70275	0.498125	0.870897	-1.14824	0.92081	1.02019	1.02019	1.61607	1.03399	0.568726	1
cg23542436	SETD1;CCNK;CCNK;SETD3	0.255144	0.8190709	0.96503	-1.03611	0.7145	0.91544	-1.09243	0.5161	1.15124	1.15124	0.67699	1.07637	1.07637	0.0318547	1.10185	1.10185	0.114153	0.79988	-1.25033	0.0138207	0.946537	0.946537	0.813418	0.880207	-1.13614	0.467033	-1.49171	0.138314	1.16969	0.078318	0.432229	1
cg02450959	THAP1;THAP1;THAP1;THAP1	0.255142	0.161689	1.72946	1.72946	0.570478	0.909781	-1.09917	0.0314754	0.515194	1.51594	0.89344	0.992135	-1.00784	0.422268	0.671951	-1.4882	0.301217	1.1932	1.1932	0.643249	1.08224	1.08224	0.374772	0.05705	1.05705	0.0545954	1.46071	1.46071	1.61605	0.696029	0.382843	1
cg00508123	MMAA;MMAA	0.255144	0.260699	2.88776	2.88776	0.528318	0.561278	-1.78165	0.0346458	0.107895	-9.26828	0.506234	1.83988	1.83988	0.832051	1.21165	1.21165	0.587242	1.6413	1.6413	0.272297	2.80943	2.80943	0.157309	3.92409	3.92409	0.646389	0.658625	-1.51831	1.61604	20.9166	11.505	1
cg08304095	RIF1	0.255144	0.0968359	0.752144	1.32944	0.0444081	1.29341	1.29341	0.0852605	0.661427	1.51127	0.0852605	0.661427	1.51127	0.0183341	0.759564	-1.31676	0.210887	1.10916	1.10916	0.381639	0.0110687	1.31912	1.31912	0.0110687	1.31912	1.31912	0.0110687	1.31912	1.31912	1.61604

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error
cg10843887	ANTXR1;ANTXR1;ANTXR1	0.255413	0.260007	0.601709	1.66191	1.40205	0.072532	-1.48692	0.670806	0.820561	-1.21868	0.0304893	0.308463	-3.24188	0.217799	0.549878	-1.82157	0.692084	0.831833	-1.20216	0.0304654	0.308393	-3.24262	0.544215	0.752821	-1.32834	0.187146	0.523763	-1.90926	1.61506	5.47288	3.01219	1
cg19341309	NCOR2;NCOR2	0.255416	0.659409	1.15947	1.15947	0.303184	1.42731	1.42731	0.862754	1.88185	1.88185	0.160874	1.64813	1.64813	0.062259	2.01413	2.01413	0.31119	1.41843	1.41843	0.285903	1.44735	1.44735	0.0937971	1.84017	1.84917	0.058038	2.04367	2.04367	1.61505	2.84678	1.56681	1
cg22829671	CXCL3	0.255419	0.458042	1.23435	1.23435	0.472845	0.815923	-1.22561	0.236941	0.708049	-1.41233	0.212398	1.44189	1.44189	0.0737566	0.573858	-1.74259	0.373012	1.29161	1.29161	0.558379	1.17898	1.17898	0.113468	0.618854	-1.61589	0.90984	1.03207	1.03207	1.61504	1.98571	1.0929	1
cg09122158	ZDHHC5	0.255422	0.0682252	1.66194	1.66194	0.510724	1.18057	1.18057	0.0837856	1.60883	1.60883	0.1144	1.583835	1.53305	0.78251	1.07128	1.07128	0.472072	0.833602	-1.19961	0.302892	0.766794	-1.30413	0.610621	0.880035	-1.1363	0.893799	0.967312	1.03379	1.61503	1.58358	0.871583	1
cg04894009	PRKDC;PRKDC	0.255425	0.758314	0.941922	-1.06166	0.487022	1.14672	1.14672	0.848966	0.963714	-1.03765	0.293178	1.23541	1.23541	0.0702185	1.48048	1.48048	0.665852	1.08788	1.08788	0.0180314	1.74537	1.74537	0.820513	0.9569	-1.04504	0.859464	0.966226	-1.03495	1.61502	0.963115	0.529098	1
cg18532726	PWP1	0.255428	0.75206	0.940531	-1.06403	0.217465	0.778026	1.28553	0.303225	0.813398	-1.22911	0.607869	0.904731	-1.1053	0.304989	0.814522	-1.22812	0.0166115	0.56789	-1.76091	0.120134	0.721699	-1.38562	0.852864	0.964722	-1.03657	0.509461	1.1382	1.1382	1.61501	0.957715	0.526809	1
cg04298340	WDR87;SPA13	0.255428	0.105248	1.21437	1.21437	0.778254	0.969496	-1.03146	0.624963	0.947375	-1.05555	0.403141	0.910428	-1.09838	0.176146	1.17095	1.17095	0.1537	0.845686	-1.18247	0.0766919	0.805693	-1.24117	0.823836	0.975831	-1.02477	0.732642	0.963071	-1.03834	1.61501	0.307994	0.169518	1
cg01204669	ASB7	0.255431	0.301267	0.79347	-1.26053	0.048004	0.616877	-1.6207	0.522346	0.868729	-1.15151	0.421987	1.3948	1.3948	0.19186	0.741025	-1.34948	0.597673	1.07111	1.07111	0.0955233	1.48786	1.48786	0.973395	0.99279	-1.00726	0.516753	0.867061	-1.15332	1.615	1.20424	0.662811	1
cg11361262	ST3GAL5	0.255433	0.0256096	0.402829	-2.48244	0.702217	0.676588	-1.47078	0.357311	0.38348	-2.60742	0.214212	0.514415	0.514415	0.381732	0.730206	-1.36016	0.318331	0.702123	-1.42425	0.977825	1.00958	1.00958	0.453948	1.29895	1.29895	0.530271	1.24358	1.24358	1.61499	3.00713	1.65512	1
cg23035058	JAKMIP3	0.255432	0.87743	0.948123	-1.05472	0.0396809	2.27278	2.27278	0.0964733	1.87744	1.87744	0.200918	1.59398	1.59398	0.308154	1.4392	1.4392	0.121667	1.78451	1.78451	0.999494	0.999781	-1.00022	0.699308	0.87462	-1.14335	0.605356	0.835344	-1.19711	1.61499	3.0472	1.67717	1
cg01882870	MIR9-3	0.255435	0.708532	1.0972	1.0972	0.184619	1.65687	1.65687	0.289561	1.7651444	-1.36094	0.670225	1.15161	1.15161	0.0109358	1.73101	1.73101	0.110651	1.5363	1.5363	0.136958	0.673199	-1.48544	0.278867	0.752216	-1.32063	0.786557	1.07139	1.07139	1.61498	1.56058	0.858947	1
cg00982510	SGTA1	0.255439	0.860373	1.06421	1.06421	0.800964	1.09339	1.09339	0.932037	0.970303	-1.03061	0.927359	1.03275	1.03275	0.310965	0.690379	-1.44848	0.0507047	0.455255	-2.19657	0.158877	0.587294	-1.70273	0.131211	1.77884	1.77884	0.166554	0.593733	-1.68426	1.61497	3.1952	1.75866	1
cg19637375	SLC38A2	0.255441	0.549867	0.790923	-1.3124	0.360218	1.56266	1.56266	0.390629	1.53772	1.53772	0.0211336	1.725327	1.725327	0.659488	0.810316	-1.23409	0.271815	0.58212	-1.71768	0.0493498	0.913828	-1.09443	0.354043	1.5705	1.5705	1.61496	5.75494	3.16757	1
cg07882171	SDC4	0.255444	0.116799	0.476365	-2.09923	0.998825	1.00064	1.00064	0.265873	0.603762	-1.65628	0.554736	0.77103	-1.29697	0.0382491	0.351641	-2.84381	0.0330839	0.338091	-2.95778	0.370427	0.670127	-1.49225	0.297929	0.625256	-1.59934	0.527925	0.57506	-1.3209	1.61495	4.84452	2.66649	1
cg27495643	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.255452	0.546017	0.870319	-1.149	0.6675904	0.627828	-1.59279	0.166067	0.714811	-1.39897	0.965384	0.820911	-1.21816	0.37418	0.812726	-1.23043	0.353627	0.840968	-1.24229	0.0694426	1.58671	1.58671	0.3684	0.810569	-1.2337	0.847356	0.957137	-1.04478	1.61492	1.32171	0.727499	1
cg05660795	IGFBP7;IGFBP1	0.255453	0.0398265	3.06487	3.06487	0.0999738	2.33859	2.33859	0.667717	0.815834	-1.22574	0.822613	0.899579	-1.11163	0.370312	0.648168	-1.54281	0.582634	1.29898	1.29898	0.447813	0.694462	-1.43996	0.755214	0.862947	-1.15882	0.184991	1.93978	1.93978	1.61491	5.68151	3.12724	1
cg16690105	FLCN;FLCN	0.255454	0.722454	1.33702	1.33702	0.2098605	0.844325	0.844325	0.0220904	0.365812	-2.73373	0.0129161	0.96167	0.807727	1.22023	1.22023	0.587709	1.56918	1.56918	0.637109	1.56918	1.56918	0.562454	1.6113	1.6113	0.479281	1.79877	1.79877	0.754469	1.29112	1.29112	0.912284	0.914168	-1.09389	0.1491	1.61491	16.9035	9.33713	1
cg06240162	MTMR9	0.255454	0.0517546	0.415415	-2.84361	0.368671	1.29059	1.29059	0.340559	1.14774	1.13174	0.236606	0.709917	-1.40861	0.803749	1.07121	1.07121	0.541618	0.843067	-1.18614	0.0731438	0.575716	-1.73697	0.350661	0.766899	-1.30395	0.580638	0.857151	-1.16668	1.6149	1.65229	1.0746	1
cg16826947	DBNL;DBNL;DBNL	0.2556	0.628576	0.933333	-1.07143	0.941489	0.989664	-1.01044	0.966797	1.00591	1.00591	0.0787728	1.31826	1.31826	0.166059	1.2325	1.2325	0.331878	0.867885	-1.15223	0.666854	0.747665	-1.3375	0.660854	1.06448	1.06448	0.411672	1.12616	1.12616	1.61489	0.512397	0.28204	1
cg01106284	FAM49A	0.255456	0.0638009	1.20665	-1.48165	0.210884	0.936862	-1.20371	0.325041	0.440476	-2.15761	0.407846	0.526556	-1.89901	0.0745301	0.703505	-1.4345	0.290052	0.436377	-2.29159	0.0645056	0.207775	-4.81291	0.117432	0.529069	-1.62102	0.129969	0.290048	-4.44771	1.61489	14.6446	8.06089	1
cg23735442	SMG7;SMG7;SMG7	0.255464	0.103007	0.650141	-1.53813	0.0584853	1.79588	-1.67538	0.304194	1.29288	1.29288	0.165294	0.699559	-1.42941	0.501972	1.1788	1.1788	0.139709	0.68381	-1.46761	0.894951	0.968464	-1.03256	0.830209	0.949482	-1.05321	0.758853	0.928364	-1.07716	1.61488	1.4904	0.820372	1
cg26779342	SLC13A4	0.255465	0.583606	0.859623	-1.16329	0.378969	0.927609	1.37452	0.0537842	0.672406	1.48655	0.154493	1.05848	1.05848	0.0955045	0.988505	-1.01161	0.274657	0.554963	-1.80248	0.0468988	0.466556	-2.14329	0.0493498	1.13105	1.13105	0.565093	0.844839	-1.18366	1.61487	0.928551	0.462123	1
cg07166679	TNFRSF8	0.255468	0.0491591	20.1324	20.1324	0.627658	0.520236	-1.9222	0.803107	1.39655	1.39655	0.279626	0.222517	-4.49404	0.473292	0.377128	2.65162	0.848156	0.773922	-1.29212	0.195586	0.160411	-6.23397	0.12011	0.52883	9.52883	0.510704	0.43997	2.43997	1.61486	45.7175	25.1649	1
cg26241694	ZNF799	0.255471	0.542949	0.879472	-1.13705	0.0808678	1.4974	1.4974	0.612027	1.11257	1.11257	0.594503	0.894103	-1.11844	0.208649	0.758479	-1.31843	0.328559	0.810323	-1.23408	0.869384	1.03492	1.03492	0.227007	0.949016	-1.05372	0.0534587	1.58011	1.58011	1.61485	1.11253	0.61239	1
cg18072756	ZNRF4	0.255476	0.122371	0.803598	-1.24475	0.0373596	0.246266	-1.49206	0.0818177	0.439598	-2.27511	0.0538229	0.481371	-1.46403	0.0922319	0.687117	-1.45548	0.319447	0.466044	-2.14527	0.0459308	0.221095	-4.52582	0.0655908	0.221095	-4.31043	0.579142	0.672481	-1.48703	0.64583	12.878	7.00112	1
cg00568150	KIAA0664	0.255487	0.329074	0.330426	-3.0264	0.319273	0.32254	-3.10039	0.357218	2.83194	2.83194	0.758412	0.712371	-1.40376	0.0798658	0.118047	-8.47118	0.0897889	0.127968	-7.81448	0.125028	0.161138	-6.20586	0.0895074	0.12769	-7.83144	0.353664	0.350245	-2.85514	1.61479	30.9097	17.0148	1
cg14698869	TBTD2	0.255487	0.469377	1.44901	1.44901	0.328555	0.627306	1.89599	0.0150009	0.467358	-2.1389	0.826296	1.12507	1.12507	0.0151698	0.637534	-1.85889	0.283883	1.81781	1.81781	0.0135244	1.39391	1.39391	0.0447624	1.91948	1.91948	0.0481565	1.91165	1.91165	1.61479	7.93396	4.04762	1
cg23688719	LEPR;LEPR;LEPR	0.25549	0.297894	0.482442	-2.07279	0.0183465	0.144586	-6.91152	0.892018	0.912338	-1.09609	0.789731	0.834827	-1.19785	0.117437	0.317075	-3.1583	0.301127	0.484962	-2.06202	0.270776	0.460938	-2.16949	0.182321	0.384396	-2.60148	0.650065	1.36139	1.36139	1.61478	11.6687	6.42328	1
cg03306027	TRIM62	0.25549	0.0877858	0.180113	-5.55208	0.975493	1.02834	1.02834	0.384276	0.444173	-2.25137	0.430251	0.480744	-2.08011	0.0339034	0.105093	-9.51534	0.815972	0.808903	-1.23624	0.0402993	0.115891	-8.62882	0.876372	0.867947	-1.15214	0.548584	0.575683	-1.73707	1.61478	21.1646	11.6505	1
cg23396286	UBTD1;MMS19	0.255491	0.464802	1.18165	1.18165	0.522007	0.823769	1.25809	0.237623	0.32593	-3.06853	0.0127126	0.465634	-2.14758	0.0276533	0.978564	-1.02188	0.303438	0.785697	-1.2726	0.0114776	0.680467	-1.46958	0.17607	0.738844	1.35354	0.0603237	0.288508	-3.46611	1.61477	1.32942	0.720788	1
cg17033281	XIAP	0.255497	0.0442339	0.0200436	-49.8912	0.46124	0.28112	-3.55719	0.965467	0.929377	-1.07599	0.162212	0.124851	12.4851	0.232297	8.32392	8.32392	0.387886	0.22376	-4.46908	0.171605	0.0852545	-11.7296	0.816331	0.674622	-1.48231	0.836592	1.4182	1.4182	1.61476	73.1923	40.2908	1
cg04709227	C1orf151;C1orf151	0.255498	0.1056127	0.603557	-1.65677	0.0203519	0.0849838	-1.17667	0.352057	0.31794	-3.14605	0.13767	0.312557	3.19955	0.13767	0.312557	-3.19955	0.456378	0.3065	-3.26315	0.0429615	0.347622	-2.87605	0.0388313	0.101832	0.101832	0.0133203	0.860628	0.860628	1.61475	0.285551	0.462123	1
cg00185137	LONP2	0.255509	0.634824	1.12904	1.12904	0.0292956	1.91807	1.91807	0.261597	1.34577	1.34577	0.102821	1.57261	1.57261	0.68443	0.902805	-1.10766	0.216798	1.3905	1.3905	0.544596	0.855942	-1.1683	0.164099	1.45735	1.45735	0.533648	1.17341	1.17341	1.61471	1.64556	0.905872	1
cg06496829	WWTR1;WWTR1;WWTR1	0.255509	0.626711	2.32403	2.32403	0.147395	1.54091	1.54091	0.347738	1.44715	1.44715	0.253574	1.57449	1.57449	0.754309	0.713195	0.530078	-1.88652	0.234955	8.51521	8.51521	0.927952	1.16836	1.16836	0.903392	1.23235	1.23235	0.0180021	1.40455	1.40455	1.61471	75.0756	41.6755	1
cg07925105	TBC1D26	0.255511	0.3987297	0.9115	-1.09715	0.8955	1.14797	1.14797	0.715755	0.553852	-1.80572	0.144937	1.34937	1.34937	0.351794	0.838324	-1.19263	0.0922595	0.150915	1.81314	1.81314	0.0662198	1.54566	1.54566	0.0883015	1.54566	1.54566	0.0494285	1.54566	1.54566	1.61471	1.26114	0.604249	1
cg05128992	TGIF1;TGIF1;TGIF1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Ratio(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg26421997	C17orf79		0.150435	0.585376	-1.7086	1.0408659	0.440535	-2.26997	0.220404	0.630055	-1.56436	0.386194	0.1578226	0.591656	-1.69017	0.719196	0.380726	-1.13543	0.167663	0.599839	-1.66711	0.2684849	1.49263	0.569652	0.818978	-1.22103	1.61353	3.08645	1.70032	1
cg03093033	SP4B		0.205836	0.301323	2.88635	2.88635	0.632291	6.620232	-1.6123	0.571098	0.566175	-1.76624	0.36168	0.39385	-2.53904	0.961691	1.04889	1.04889	0.0369973	0.0900799	-11.1013	0.0752852	0.139721	-1.75713	?	?	?	0.375578	0.405226	-2.46776	1.61758	2.24892	13.903	1
cg15753483	MAP7D2;MAP7D2;MAP7D2;MAP7D2		0.205837	0.101851	0.545626	-1.83276	0.830176	1.07537	1.07537	0.928028	1.03104	1.03104	0.0951446	1.85958	1.85958	0.104098	1.82423	1.82423	0.73412	0.891069	-1.12225	0.133146	1.72998	1.72998	0.619172	0.84408	-1.18472	0.858135	1.0624	1.0624	1.61352	2.9247	1.61122	1
cg07625194	TFAP2D		0.525842	0.523744	0.588026	-1.70045	0.634183	1.4827	1.4827	0.986514	0.986151	-1.01388	0.104417	4.29605	4.29605	0.902381	0.904008	-1.10607	0.2372207	0.471127	-2.12257	0.719049	0.743193	-1.34555	0.0451484	6.60899	6.60899	0.100667	4.38146	4.3146	1.6135	17.2504	9.50338	1
cg10091752	SLC22A23		0.525845	0.310102	1.60545	1.60545	0.462029	1.40141	1.40141	0.878915	0.933594	-1.07113	0.260299	1.69763	1.69763	0.133142	2.07566	2.07566	0.611529	1.25969	1.25969	0.310879	1.35065	1.35065	0.7606045	1.14765	1.14765	0.0103151	4.29194	4.29194	1.61349	5.19161	2.86011	1
cg05139761	AIAP1		0.525847	0.974069	0.990581	-1.03955	0.0721136	1.79397	1.79397	0.599402	0.857001	-1.16686	0.120024	0.611985	-1.63403	0.762201	0.915442	-1.09238	0.973305	1.00979	1.00979	0.0484978	0.518792	-1.92756	0.887215	1.04218	1.04218	0.662499	1.1364	1.1364	1.61348	2.16616	1.19337	1
cg21792983	SEL1L3		0.525847	0.313074	0.506575	-1.97404	0.667563	1.79926	1.79926	0.0907155	3.36935	3.36935	0.542169	1.49505	1.49505	0.264694	0.468751	-2.13333	0.580469	1.43887	1.43887	0.292545	0.490789	-2.03753	0.565424	0.684734	-1.46042	0.907161	0.92678	-1.079	1.61348	10.8557	5.98055	1
cg25052040	EDAR		0.525849	0.969737	0.10525	1.025	0.960463	0.980142	-1.01997	0.0175726	0.315845	-3.16611	0.405934	0.725497	-1.37836	0.139638	0.530445	-1.88521	0.361997	1.45116	1.45116	0.476021	0.748949	-1.3352	0.961987	0.981169	-1.01919	0.508155	1.30705	1.30705	1.61347	4.0658	2.23992	1
cg07903860	DCLRE1C;DCLRE1C;DCLRE1C		0.255851	0.107148	0.701998	-1.4245	0.149952	1.36413	1.36413	0.212743	1.30216	1.30216	0.696884	0.924267	-1.08194	0.994019	1.00151	1.00151	0.5526	0.886151	-1.12848	0.718037	1.07568	1.07568	0.901668	1.02518	1.02518	0.0526135	1.55784	1.55784	1.61347	1.03431	0.569819	1
cg03702527	HDAC4		0.255853	0.749274	0.776706	-1.28749	0.0868098	0.225376	-2.47004	0.145576	0.293865	-3.42626	0.516213	1.57092	1.57092	0.473124	0.815791	-1.76276	0.883139	1.088773	-1.12515	0.533771	0.623736	1.60324	0.0710062	4.93157	4.93157	0.492317	0.93127	0.963417	2.08778	2.08778	1.61346	15.8702	8.74321	1
cg16510485	EPB41L4A		0.255853	0.344661	0.679245	-1.47222	0.0725264	0.451034	-2.21713	0.0239302	0.360517	-2.77379	0.534881	1.28368	1.28368	0.427656	0.724843	-1.37961	0.726614	0.86981	-1.14968	0.559192	0.790791	-1.26456	0.317858	1.50721	1.50721	0.708311	0.861278	-1.16107	1.61346	0.43478	2.22284	1
cg18117494	LGI3		0.255857	0.753584	0.697217	1.07237	0.667338	1.09246	1.09246	0.918878	1.78897	1.78897	0.899036	1.02736	1.02736	0.497904	1.15124	1.15124	0.914182	1.23924	1.23924	0.701933	0.924367	-1.08182	0.651808	1.60846	1.60846	0.145845	1.60846	1.60846	1.61345	1.06889	0.588881	1
cg25020319	SLC39A10;SLC39A10		0.255861	0.756051	0.916644	-1.09094	0.0405811	1.93562	1.93562	0.492845	1.21473	1.21473	0.420944	0.794834	-1.25812	0.821293	0.938767	-1.06523	0.928626	0.975289	-1.02534	0.064526	1.78597	1.78597	0.196504	0.46434	-2.15434	0.579667	0.855344	-1.16912	1.61343	1.99319	1.09811	1
cg10906920	PGCP		0.255863	0.106129	0.360635	-2.77289	0.153645	0.415096	-2.41782	0.0262027	0.217788	-4.59162	0.621776	0.752222	-1.33294	0.5171466	0.628332	-1.59128	0.433333	0.629981	-1.58735	0.395051	0.604466	-1.65435	0.745068	0.828156	-1.2075	0.383778	0.596827	-1.67553	1.61342	8.53465	4.70202	1
cg10435502	MID2		0.255874	0.984261	0.994681	-1.00535	0.0721136	1.79397	1.79397	0.599402	0.857001	-1.16686	0.120024	0.611985	-1.63403	0.762201	0.915442	-1.09238	0.973305	1.00979	1.00979	0.0484978	0.518792	-1.92756	0.887215	1.04218	1.04218	0.662499	1.1364	1.1364	1.61348	2.16616	1.19337	1
cg21792983	SEL1L3		0.255847	0.313074	0.506575	-1.97404	0.667563	1.79926	1.79926	0.0907155	3.36935	3.36935	0.542169	1.49505	1.49505	0.264694	0.468751	-2.13333	0.580469	1.43887	1.43887	0.292545	0.490789	-2.03753	0.565424	0.684734	-1.46042	0.907161	0.92678	-1.079	1.61348	10.8557	5.98055	1
cg25052040	EDAR		0.255849	0.969737	0.10525	1.025	0.960463	0.980142	-1.01997	0.0175726	0.315845	-3.16611	0.405934	0.725497	-1.37836	0.139638	0.530445	-1.88521	0.361997	1.45116	1.45116	0.476021	0.748949	-1.3352	0.961987	0.981169	-1.01919	0.508155	1.30705	1.30705	1.61347	4.0658	2.23992	1
cg07903860	DCLRE1C;DCLRE1C;DCLRE1C		0.255851	0.107148	0.701998	-1.4245	0.149952	1.36413	1.36413	0.212743	1.30216	1.30216	0.696884	0.924267	-1.08194	0.994019	1.00151	1.00151	0.5526	0.886151	-1.12848	0.718037	1.07568	1.07568	0.901668	1.02518	1.02518	0.0526135	1.55784	1.55784	1.61347	1.03431	0.569819	1
cg03702527	HDAC4		0.255853	0.749274	0.776706	-1.28749	0.0868098	0.225376	-2.47004	0.145576	0.293865	-3.42626	0.516213	1.57092	1.57092	0.473124	0.815791	-1.76276	0.883139	1.088773	-1.12515	0.533771	0.623736	1.60324	0.0710062	4.93157	4.93157	0.492317	0.93127	0.963417	2.08778	2.08778	1.61346	15.8702	8.74321	1
cg16510485	EPB41L4A		0.255853	0.344661	0.679245	-1.47222	0.0725264	0.451034	-2.21713	0.0239302	0.360517	-2.77379	0.534881	1.28368	1.28368	0.427656	0.724843	-1.37961	0.726614	0.86981	-1.14968	0.559192	0.790791	-1.26456	0.317858	1.50721	1.50721	0.708311	0.861278	-1.16107	1.61346	0.43478	2.22284	1
cg18117494	LGI3		0.255857	0.753584	0.697217	1.07237	0.667338	1.09246	1.09246	0.918878	1.78897	1.78897	0.899036	1.02736	1.02736	0.497904	1.15124	1.15124	0.914182	1.23924	1.23924	0.701933	0.924367	-1.08182	0.651808	1.60846	1.60846	0.145845	1.60846	1.60846	1.61345	1.06889	0.588881	1
cg25020319	SLC39A10;SLC39A10		0.255861	0.756051	0.916644	-1.09094	0.0405811	1.93562	1.93562	0.492845	1.21473	1.21473	0.420944	0.794834	-1.25812	0.821293	0.938767	-1.06523	0.928626	0.975289	-1.02534	0.064526	1.78597	1.78597	0.196504	0.46434	-2.15434	0.579667	0.855344	-1.16912	1.61343	1.99319	1.09811	1
cg10906920	PGCP		0.255863	0.106129	0.360635	-2.77289	0.153645	0.415096	-2.41782	0.0262027	0.217788	-4.59162	0.621776	0.752222	-1.33294	0.5171466	0.628332	-1.59128	0.433333	0.629981	-1.58735	0.395051	0.604466	-1.65435	0.745068	0.828156	-1.2075	0.383778	0.596827	-1.67553	1.61342	8.53465	4.70202	1
cg10435502	MID2		0.255874	0.984261	0.994681	-1.00535	0.0721136	1.79397	1.79397	0.599402	0.857001	-1.16686	0.120024	0.611985	-1.63403	0.762201	0.915442	-1.09238	0.973305	1.00979	1.00979	0.0484978	0.518792	-1.92756	0.887215	1.04218	1.04218	0.662499	1.1364	1.1364	1.61348	2.16616	1.19337	1
cg19541188	APBB2;APBB2;APBB2		0.25588	0.480302	1.14962	1.14962	0.00739242	1.9556	1.9556	0.671918	1.08631	1.08631	0.65919	1.09008	1.09008	0.612818	1.10426	1.10426	0.769208	0.944426	-1.05884	0.729733	1.06972	1.06972	0.545682	0.887949	-1.12619	0.545402	1.12629	1.12629	1.61336	0.965001	0.531672	1
cg02665786	KIAA0430		0.255883	0.11401	0.37799	-2.64542	0.493733	1.14994	1.14994	0.493977	0.9197153	-1.02953	0.163321	0.430883	-2.32076	0.0668065	0.312604	-3.19894	0.199512	0.464398	-2.15332	0.0724233	0.321651	-3.10915	0.623579	0.795852	-1.32301	0.235207	0.494603	-2.02183	1.61335	8.18168	4.50776	1
cg20595507	PLIN5		0.255885	0.43308	0.603485	-1.65704	0.147106	0.374476	-2.67014	0.692129	1.28653	1.28653	0.9595	1.02582	1.02582	0.573955	0.730625	-1.36855	0.184557	0.411098	-2.43251	0.0498938	0.243866	-4.10061	0.0768955	0.288826	-3.46229	0.697134	0.781212	-1.28006	1.61334	10.1836	5.61075	1
cg10814329	CNSH6.4;GTSE1		0.255893	0.0738304	0.543447	-1.84011	0.764533	1.09629	1.09629	0.734437	1.10983	1.10983	0.752009	1.10188	1.10188	0.673166	0.878237	-1.13864	0.2943	1.39499	1.39499	0.0598048	0.522059	-1.91549	0.333371	1.35712	1.35712	0.302732	1.38641	1.38641	1.61331	2.39312	1.31854	1
cg05566286	GPR101		0.255884	0.124888	0.276789	-3.61442	0.0944	0.246536	-4.05625	0.0440282	0.678825	-1.47313	0.15842	3.40563	3.40563	0.149318	0.370983	-2.69626	0.0256391	0.112804	-8.86494	0.163035	0.279965	-3.57126	0.0779479	1.14533	1.14533	0.907035	0.90832	-1.10093	1.61331	17.3122	9.53799	1
cg23198644	RBM19		0.255895	0.907616	0.949171	-1.05355	0.738254	0.860101	-1.16265	0.405364	0.682115	-1.46603	0.785253	1.13058	1.13058	0.930233	0.320255	-3.12251	0.848541	1.08972	1.08972	0.0918371	2.30255	2.30255	0.860461	1.08228	1.08228	0.201427	0.545401	-1.83351	1.61331	5.15957	2.84279	1
cg17738302	HIST1H1J		0.255898	0.200215	0.576568	-1.34487	0.371134	0.847042	-1.18024	0.122273	0.837182	-1.19419	0.108357	0.936493	0.936493	0.923339	0.102335	-9.77043	0.0600427	0.189669	-5.27109	0.0183739	0.159811	-6.25811	0.0449453	1.16577	1.16577	0.16333	1.16577	1.16577	1.61331	1.25102	0.676015	1
cg02581727	ZNF449;ZNF75D		0.255899	0.104995	0.258356	-3.87063	0.279136	0.423314	-2.36231	0.114866	0.269854	-3.70571	0.5594634	5.07983	5.07983	0.638011	0.696253	1.43626	0.392538	0.512124	-1.95265	0.789585	0.815194	-1.2267	0.792742	1.22284	1.22284	0.873791	1.12913	1.12913	1.61329	1.41931	0.821676	1
cg14338779	PTPN12;PTPN12;PTPRN2		0.255899	0.806901	0.942093	-1.06147	0.246388	1.37234	-1.34349	0.0425262	0.566141	-1.76634	0.722551	1.09072	1.09072	0.754995	0.926584	-1.07923	0.769547	1.07418	1.07418	0.0507102	1.68934	1.68934	0.507412	0.8489	-1.17799	0.806175	1.06171	1.06171	1.61329	1.51601	0.835287	1
cg22032894	LAMB1;LAMB1		0.255906	0.536474	0.809833	1.23503	0.809833	1.22582	1.22582	0.289166	1.21394	1.21394	0.289166	1.21394	1.21394	0.188103	1.10082	1.10082	0.869358	1.08225	1.08225	0.0716568	1.51144	1.51144	0.07134	1.00391	1.00391	0.0168266	1.37264	1.37264	1.61327	1.39877	1.029	1
cg10243198	ROBO1		0.255906	0.704346	1.10152	1.10152	0.375006	0.79379	-1.25978	0.820263	0.943914	-1.05942	0.849448	0.952945	-1.04938	0.640225	1.12681	1.12681	0.538372	0.853847	-1.17117	0.0113621	0.447639	-2.23394	0.527004	1.17652	1.17652	0.446612	1.21744	1.21744	1.61327	1.64361	0.905609	1
cg08727692	MAPK8IP3;MAPK8IP3		0.255907	0.677884	1.1094	1.1094	0.0397374	1.43994	1.43994	0.0145979	1.02119	1.02119	0.821778	1.02119	1.02119	0.0400883	-1.23076	0.0668065	0.312604	-3.19894	0.199512	0.464398	-2.15332	0.0724233	0.321651	-3.10915	0.623579	0.795852	-1.32301	0.235207	0.494603	-2.02183	1.61335	8.18168	4.50776	1
cg04831876	C4orf32		0.255923	0.30215	1.66315	1.66315	0.35033	0.54529	-1.85086	0.540408	0.697932	-1.43281	0.152533	2.43314	2.43314	0.0814979	0.326138	3.06619	0.688057	1.26389	1.26389	0.259379	1.97932	1.97932	0.210749	2.11445	2.11445	0.306444	1.84856	1.84856	1.61321	1.66285	4.74023	1
cg06434470	DPP6;DPP6;DPP6		0.255923	0.473489	1.1963	1.1963	0.46815	1.199	1.199	0.182743	0.706372	-1.41568	0.423246	1.22273	1.22273	0.0437841	0.5656558	-1.76785	0.227117	0.732165	-1.36581	0.701116	1.09945	1.09945	0.666399	1.11252	1.11252	0.204023	0.719234	-1.39037	1.6132	1.54433	0.850936	1
cg12100462	SNAP25		0.255931	0.993716	0.99536	-1.00465	0.0414476	2.08334	-2.14651	0.0615606	0.0615606	-4.16055	0.0615606	2.43176	2.43176	0.0800387	1.22593	1.22593	0.116027	1.78378	1.78378	0.267519	1.16028	1.16028	0.0616568	1.40909	1.40909	0.0957304	0.96434	-1.03689	1.61316	11.7568	6.47827	1
cg06560422	KRTAP19-5		0.255944	0.0237137	0.728046	-1.37354	0.0862347	0.800261	-1.24959	0.516849	0.925623	-1.08035	0.157927	0.837384	-1.19419	0.18924	0.849197	-1.17758	0.115147	0.817615	-1.22307	0.634193	0.945209	-1.05797	0.453281	0.914108	-1.09396	0.259242	0.870789	-1.14838	1.61313	0.353031	0.194532	1
cg22688942	CAP2B		0.255947	0.689607	1.07906	-1.17656	1.34487	0.731134	1.36724	0.0427453	0.731134	1.36724	0.0427453	0.731134	1.36724	0.0427453	0.731134	1.36724	0.731134	1.36724	0.0427453	0.731134	1.36724	0.0427453	0.731134	1.36724	0.0427453	0.731134	1.36724	0.0427453	0.457818	1.30309	0.614487	0.731134	1.36724	0.0427453	1.61313	1.36724	0.0427453

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10266098	TECPR2	0.256292	0.347882	1.33072	1.33072	0.525766	0.826906	-1.20933	0.264866	0.709266	-1.40991	0.970649	0.989182	-1.01094	0.857769	0.948349	-1.05446	0.439941	0.792278	-1.26218	0.0180901	2.33663	2.33663	0.469477	0.804488	-1.24303	0.694185	1.12392	1.12392	1.61187	2.23102	1.23033	1
cg02329010	SH3GL1	0.256293	0.564874	0.750303	-1.3328	0.479945	1.42548	1.42548	0.311986	1.67593	1.67593	0.944211	1.03515	1.03515	0.026051	0.271482	-3.68349	0.586884	0.762728	-1.31108	0.917718	1.05234	1.05234	0.0785908	0.381184	-2.62341	0.648691	0.797365	-1.25413	1.61186	6.22197	3.4312	1
cg18700744	NAA25	0.2563	0.1883	2.99333	2.99333	0.967098	0.96808	-1.03297	0.0988486	0.240928	-4.15062	0.323326	0.448298	-2.23066	0.753359	0.780431	-1.28134	0.8075	0.825316	-1.21166	0.307631	0.435802	-2.29462	0.0559847	5.48831	5.48831	0.712193	0.747198	-1.33833	1.61184	15.7904	8.70803	1
cg12678191	C6orf48;SNORD48;C6orf48	0.256302	0.40736	0.873719	-1.14453	0.122236	1.30575	1.30575	0.807084	1.03974	1.03974	0.527957	1.10722	1.10722	0.184361	0.799096	-1.25141	0.0803613	0.734217	-1.36199	0.274812	1.19838	1.19838	0.272313	0.833604	-1.19961	0.832755	1.03426	1.03426	1.61183	0.647637	0.357157	1
cg16749930	IL18BP;IL18BP;IL18BP;IL18BP;IL18BP;IL18BP;IL18BP	0.256302	0.397724	0.69128	-1.44659	0.20392	0.564559	-1.7713	0.0577808	0.40064	-2.49601	0.369121	0.674827	-1.48186	0.122761	0.490175	-2.04009	0.688405	1.18754	1.18754	0.243025	1.68355	1.68355	0.954372	0.975898	-1.0247	0.141356	0.509468	-1.96283	1.61183	4.64103	2.55942	1
cg05628567	SH2D2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A	0.256303	0.282337	3.05175	3.05175	0.204494	3.80838	3.80838	0.886162	0.866701	-1.1538	0.42553	0.443671	-2.25392	0.298667	0.341015	-2.93243	0.65569	1.56546	1.56546	0.15069	4.65643	4.65643	0.831548	0.808367	-1.23706	0.0359101	11.4447	11.4447	1.61183	25.4611	14.0413	1
cg12712747	COL4A1	0.256315	0.202404	2.38914	2.38914	0.130005	2.88171	2.88171	0.237539	0.448998	-2.22718	0.456077	0.611873	-1.63433	0.347133	1.87101	1.87101	0.811481	1.16722	1.16722	0.0380457	4.74081	4.74081	0.506574	1.54665	1.54665	0.975645	1.01995	1.01995	1.61179	10.6902	5.89556	1
cg03127563	C8orf86	0.256321	0.179096	0.665154	-1.50341	0.476477	0.813162	-1.22977	0.704583	0.896891	-1.11496	0.75667	0.915033	-1.09286	0.808042	0.932825	-1.07201	0.228071	0.696673	-1.43539	0.0154009	0.427653	-2.33834	0.0702196	0.560906	-1.78283	0.639443	0.873892	-1.14431	1.61176	2.08338	1.14899	1
cg11989421	OBSL1	0.256329	0.139893	0.533514	-1.87436	0.198739	0.584393	-1.71118	0.216037	0.597509	-1.67361	0.282802	1.55493	1.55493	0.0341777	0.376216	-2.65805	0.234834	0.611074	-1.63646	0.295462	0.651068	-1.53594	0.482699	0.754123	-1.32604	0.545188	0.784906	-1.27404	1.61173	3.99375	2.2026	1
cg01089858	KIAA1755	0.256331	0.845992	0.961733	-1.03979	0.321991	0.814417	-1.22787	0.484757	0.867226	-1.1531	0.524659	0.878662	-1.13809	0.60716	0.901177	-1.10966	0.909475	1.02308	1.02308	0.0214434	1.741	1.741	0.268196	0.793418	-1.26037	0.2618	0.79074	-1.26464	1.61173	1.02765	0.566764	1
cg12811072	PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2	0.256333	0.952901	0.971014	-1.02985	0.515762	1.3884	1.3884	0.444792	0.678471	-1.4739	0.994758	1.00328	1.00328	0.102526	0.410787	-2.43435	0.254157	0.552686	-1.80935	0.129418	0.442247	-2.26118	0.14506	2.17995	2.17995	0.121971	0.433976	-2.30428	1.61172	6.33	3.4911	1
cg17088007	KCTD17	0.256333	0.886105	0.967212	-1.0339	0.457569	1.1924	1.1924	0.10589	0.663099	-1.50807	0.5466	1.15248	1.15248	0.0265343	0.542449	-1.84349	0.482012	0.846856	-1.18084	0.916566	1.02467	1.02467	0.297556	1.28556	1.28556	0.941548	0.983087	-1.0172	1.61172	1.38116	0.761732	1
cg00166234	LOC100132215;EHBP1;EHBP1;EHBP1;EHBP1	0.256337	0.157272	5.11333	5.11333	0.162063	5.00644	5.00644	0.100378	6.97301	6.97301	0.266808	3.48426	3.48426	0.135375	5.67779	5.67779	0.146911	5.3635	5.3635	0.0590881	9.96996	9.96996	0.209543	4.16601	4.16601	0.091802	7.40938	7.40938	1.6117	29.7149	16.3884	1
cg27487046	SAMD11	0.256349	0.586364	1.12707	1.12707	0.471766	0.852682	-1.17277	0.41175	0.832993	-1.20049	0.228053	1.31715	1.31715	0.0554301	1.60429	1.60429	0.296948	0.790226	-1.26546	0.721598	1.08101	1.08101	0.107215	0.681935	-1.46642	0.891335	1.03021	1.03021	1.61166	1.20997	0.66734	1
cg23926670	PTHLH;PTHLH;PTHLH;PTHLH	0.256353	0.0883583	6.78781	6.78781	0.944147	0.931122	-1.07397	0.426999	2.28439	2.28439	0.496692	0.495139	-2.01964	0.549064	0.539284	-1.85431	0.516934	1.95283	1.95283	0.903091	0.883319	-1.13209	0.0195454	17.7124	17.7124	0.550976	1.84871	1.84871	1.61165	26.4811	14.6054	1
cg04634483	SGCE;PEG10;SGCE;PEG10;SGCE	0.256355	0.827648	1.03572	1.03572	0.607096	0.91989	-1.08709	0.877742	1.02509	1.02509	0.190176	0.799828	-1.25027	0.67825	1.06947	1.06947	0.508221	1.11411	1.11411	0.0165414	1.60212	1.60212	0.657809	0.930751	-1.0744	0.303101	1.18735	1.18735	1.61164	0.661504	0.364848	1
cg18466340	SALL4	0.256359	0.415633	0.823686	-1.21406	0.47757	0.845064	-1.18334	0.180011	0.71753	-1.39367	0.133718	1.458	1.458	0.174447	1.40042	1.40042	0.992495	0.99781	-1.0022	0.118119	0.6733	-1.48522	0.334174	1.26138	1.26138	0.509243	1.16893	1.16893	1.61163	1.38721	0.765113	1
cg25585172	CACNA1E	0.256359	0.42875	1.13748	1.13748	0.910057	1.01818	1.01818	0.392931	0.869751	-1.14975	0.681248	0.936264	-1.06807	0.685112	0.937064	-1.06716	0.499119	1.11561	1.11561	0.0103301	0.597387	-1.67396	0.466916	0.888658	-1.12529	0.878565	0.975915	-1.02468	1.61163	0.648971	0.357938	1
cg04967610	LOC100134368	0.256364	0.0446978	0.529567	-1.88834	0.660888	0.885358	-1.12949	0.32744	0.756661	-1.3216	0.469445	0.81628	-1.22507	0.0226281	0.471008	-2.1231	0.136013	0.642033	-1.55755	0.252344	0.71906	-1.39071	0.58024	0.857204	-1.16658	0.60323	0.865336	-1.15562	1.61161	1.94194	1.07109	1
cg26406131	NDUFS8	0.256365	0.237337	0.537042	-1.86205	0.121103	2.3259	2.3259	0.452173	0.680696	-1.46908	0.815309	1.12469	1.12469	0.0254431	0.263492	-3.79519	0.6775	0.810564	-1.23371	0.429296	0.66685	-1.49959	0.411623	0.656	-1.52439	0.627162	0.782071	-1.27866	1.61161	6.43695	3.55033	1
cg26707398	MYH14;MYH14;MYH14	0.256367	0.757143	1.12725	1.12725	0.322935	1.48329	1.48329	0.621037	1.21221	1.21221	0.447543	1.34841	1.34841	0.566549	1.25072	1.25072	0.96802	0.984638	-1.0156	0.0123999	3.32655	3.32655	0.160382	1.78447	1.78447	0.421579	0.728303	-1.37306	1.6116	3.80617	2.09932	1
cg14236519	C7orf50;C7orf50;C7orf50	0.256379	0.832891	0.873505	-1.14481	0.0869557	3.35322	3.35322	0.0321564	4.98415	4.98415	0.751164	0.815765	-1.22584	0.28863	0.494065	-2.02403	0.613005	1.38606	1.38606	0.627216	1.36787	1.36787	0.400413	0.576403	-1.7349	0.703293	0.782751	-1.27755	1.61155	10.4569	5.76775	1
cg09643151	CFLAR;CFLAR	0.256382	0.228207	0.510678	-1.95818	0.575437	1.35075	1.35075	0.759216	0.849291	-1.17745	0.709916	1.21961	1.21961	0.0292936	0.255559	-3.91299	0.147949	2.28125	2.28125	0.478327	0.681812	-1.46668	0.381152	0.620467	-1.61169	0.406296	0.636735	-1.57051	1.61154	7.20573	3.97452	1
cg12733604	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.256387	0.86895	1.04723	1.04723	0.179153	0.671097	-1.4901	0.377468	1.28802	1.28802	0.768614	0.920856	-1.08595	0.358407	0.768008	-1.30207	0.746391	0.913298	-1.09493	0.037015	1.96776	1.96776	0.542257	1.18817	1.18817	0.145086	1.54861	1.54861	1.61152	1.99377	1.09973	1
cg07207891	RAD52	0.256395	0.378096	1.122	1.122	0.370281	1.12425	1.12425	0.022664	1.41527	1.41527	0.708838	0.953373	-1.04891	0.356018	1.12845	1.12845	0.101479	1.25639	1.25639	0.163004	1.20871	1.20871	0.184728	1.1961	1.1961	0.96281	0.994082	-1.00595	1.6115	0.413553	0.228112	1
cg23339899	GPAA1	0.256404	0.330811	1.88882	1.88882	0.938076	0.95195	-1.05048	0.683274	0.771067	-1.2969	0.486755	1.56493	1.56493	0.232992	0.452671	-2.20911	0.281934	2.03129	2.03129	0.0362043	0.213604	-4.68157	0.769609	1.20458	1.20458	0.209123	2.31417	2.31417	1.61146	10.2512	5.65461	1
cg07035320	CLSTN1;CLSTN1	0.256407	0.072776	0.285253	-3.50566	0.674668	1.30286	1.30286	0.491361	0.645313	-1.54964	0.905702	1.07709	1.07709	0.037933	0.221309	-4.51856	0.350298	0.547451	-1.82665	0.0920833	0.312843	-3.1965	0.297123	0.507933	-1.96876	0.250953	0.471552	-2.12066	1.61145	10.0232	5.52889	1
cg25519930	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.256408	0.46438	1.17328	1.17328	0.302637	1.25753	1.25753	0.418375	1.19418	1.19418	0.155495	1.38564	1.38564	0.925365	0.980093	-1.02031	0.616714	0.897365	-1.11437	0.176152	0.734452	-1.36156	0.0467685	0.613517	-1.62995	0.793652	0.945297	-1.05787	1.61145	1.17536	0.648339	1
cg20289746	ITPRIP	0.25641	0.162845	0.761226	-1.31367	0.134048	0.743846	-1.34436	0.94579	1.01253	1.01253	0.971361	1.0066	1.0066	0.279969	1.22837	1.22837	0.241135	1.25197	1.25197	0.0599009	1.47517	1.47517	0.605304	1.10018	1.10018	0.644368	1.08885	1.08885	1.61144	0.855981	0.472168	1
cg19615684	CD9	0.25641	0.99139	0.994313	-1.00572	0.223525	0.508647	-1.966	0.105611	0.392795	-2.54586	0.897204	1.07071	1.07071	0.462915	1.48433	1.48433	0.414527	0.643463	-1.55409	0.300734	1.76264	1.76264	0.074286	0.349495	-2.86127	0.237867	1.92238	1.92238	1.61144	7.13101	3.93355	1
cg12630038	CRTC3;CRTC3	0.256413	0.691527	1.10331	1.10331	0.0542398	1.71345	1.71345	0.490089	1.18865	1.18865	0.313593	1.29294	1.29294	0.6755	1.10936	1.10936	0.0646114	1.66812	1.66812	0.0301109	1.87521	1.87521	0.638917	1.12356	1.12356	0.295389	1.30668	1.30668	1.61143	1.55088	0.855489	1
cg02088390	AHRR	0.256423	0.744512	1.08721	1.08721	0.467293	1.20819	1.20819	0.376521	0.792916	-1.26117	0.713633	0.910061	-1.09883	0.0111223	0.443152	-2.25656	0.592702	0.871044	-1.14805	0.681435	0.899839	-1.11131	0.814249	1.06203	1.06203	0.227335	0.72321	-1.38272	1.6114	1.66851	0.920393	1
cg16547125	C5orf41;C5orf41;C5orf41	0.256433	0.938406	0.990145	-1.00995	0.857151	0.977174	-1.02336	0.0944637	0.790114	-1.26564	0.781218	1.03632	1.03632	0.0374735	0.733893	-1.3626	0.785356	0.96562	-1.0356	0.0973549	1.26256	1.26256	0.918276	0.986933	-1.01324	0.883439	0.981375	-1.01898	1.61136	0.419134	0.231211	1
cg26685501	SNIP1	0.256434	0.564164	1.07846	1.07846	0.393235	1.11998	1.11998	0.485065	0.912178	-1.09628	0.218718	1.18247	1.18247	0.346012	1.13398	1.13398	0.848106	0.975462	-1.02515	0.0298213	0.718042	-1.39268	0.864502	1.02238	1.02238	0.228637	1.17786	1.17786	1.61135	0.42839	0.236318	1
cg17463527	SGK2	0.256438	0.11919	0.705743	-1.41695	0.184767	0.748348	-1.33628	0.508773	0.870975	-1.14814	0.0680154	0.656256	-1.5238	0.648496	0.90975	-1.0992	0.24138	1.28755	1.28755	0.577781	1.12287	1.12287	0.141538	0.721956	-1.38513	0.31862	0.808621	-1.23667	1.61134	1.08392	0.597938	1
cg25802430	ANAPC1	0.256444	0.116363	0.776108	-1.28848	0.941894	1.01089	1.01089	0.121577	0.779336	-1.28314	0.386151	1.14107	1.14107	0.640611	1.07234	1.07234	0.0985493	1.30878	1.30878	0.314438	0.856819	-1.16711	0.752665	0.954125	-1.04808	0.318055	1.16568	1.16568	1.61132	0.5631	0.310636	1
cg17178646	WFDC3;DNTTIP1	0.256446	0.813342	0.969527	-1.03143	0.243499	1.17312	1.17312	0.0219787	1.43264	1.43264	0.685374	1.05474	1.05474	0.148725	1.22463	1.22463	0.263464	1.16477	1.16477	0.880837	1.01982	1.01982	0.408454	0.895279	-1.11697	0.60627	0.934239	-1.07039	1.61131	0.436854	0.240993	1
cg23760603	SLC4A4;SLC4A4	0.256446	0.768995	1.09473	1.09473	0.444874	0.787144	-1.27042	0.756414	1.10034	1.10034	0.238617	1.46126	1.46126	0.159124	1.58796	1.58796	0.513122	0.815608	-1.22608	0.0189768	2.39394	2.39394	0.31969	1.37165	1.37165	0.955759	1.0172	1.0172	1.61131	2.41007	1.32953	1
cg15458055	OR5A1	0.256458	0.241484	1.21449	1.21449	0.121833	0.766587	-1.30448	0.0674733	0.722725	-1.38365	0.831226	1.03441	1.03441	0.505688	1.11298	1.11298	0.352246	0.859223	-1.16384	0.93622	0.987395	-1.01277	0.784808	0.957545	-1.04434	0.0886168	0.742507	-1.34679	1.61127	0.641076	0.353663	1
cg23264776	IGSF21	0.256459	0.646586	1.35838	1.35838	0.042384	4.71595	4.71595	0.0164591	6.99064	6.99064	0.619539	1.39385	1.39385	0.943613	1.04805	1.04805	0.770873	0.823867	-1.21379	0.757188	1.22845	1.22845	0.847083	1.13665	1.13665	0.790605	1.19311	1.19311	1.61126	11.2328	6.1968	1
cg05514883	PXDN	0.25646	0.607965	1.22694	1.22694	0.850827	0.928284	-1.07726	0.535756	0.78046	-1.2813	0.201496	1.70432	1.70432	0.595911	0.809331	-1.23559	0.313816	1.50948	1.50948	0.151899	1.83451	1.83451	0.0264696	2.8292	2.8292	0.193326	1.72305	1.72305	1.61126	3.98709	2.19957	1
cg07422345	LOC80054;CEBPA	0.25646	0.465491	0.8862	-1.12841	0.395172	1.15217	1.15217	0.983959	1.00328	1.00328	0.841373	0.967932	-1.03313	0.375171	1.15957	1.15957	0.0568484	0.704281	-1.41989	0.522703	1.11112	1.11112	0.226605	1.22937	1.22937	0.0801399	1.37133	1.37133	1.61126	0.675143	0.372458	1
cg07002423	CADM2;CADM2	0.256462	0.78036	1.04098	1.04098	0.438743	0.892728	-1.12016	0.0489122	1.38139	1.38139	0.632257	0.933072	-1.07173	0.176068	1.22959	1.22959	0.129128	1.26568	1.26568	0.291698	1.17022	1.17022	0.282016	1.17425	1.17425	0.12113	1.27314	1.27314	1.61125	0.526788	0.290616	1
cg11754857	CDC42BPB	0.256463	0.184616	0.790225	-1.26546	0.723376	0.942271	-1.06127	0.253173	0.818993	-1.22101	0.499961	1.12139	1.12139	0.0481157	0.685263	-1.45929	0.882614	0.975582	-1.02503	0.835549	1.03539	1.03539	0.521049	0.896879	-1.11498	0.0986789	1.35387	1.35387	1.61125	0.714384	0.394109	1
cg00006867	LOC283761;LOC283761;LOC283761;LOC283761	0.256469	0.466528	0.790183	-1.26553	0.756733	1.1038	1.1038	0.253822	0.684731	-1.46043	0.24069	0.676799	-1.47754	0.161982	1.60732	1.60732	0.401941	0.761371	-1.31342	0.0601114	1.96203	1.96203	0.569578	0.833052	-1.20041	0.320761	0.721774	-1.38548	1.61123	2.57753	1.42199	1
cg13683534	GPSM1;GPSM1;LOC26102	0.256471	0.0300468	0.480643	-2.08055	0.137912	1.58195	1.58195	0.560958	0.844689	-1.18387	0.413385	0.786565	-1.27135	0.474002	0.811348	-1.23252	0.441884	1.25249	1.25249	0.821813	0.93729	-1.06691	0.241242	0.703139	-1.42219	0.447094	0.800537	-1.24916	1.61122	2.10339	1.16041	1
cg03229627	RADIL	0.256472	0.561756	0.85357	-1.17155	0.338179	1.30532	1.30532	0.504435	1.20058	1.20058	0.668171	1.12342	1.12342	0.337256	0.765679	-1.30603	0.878591	1.04212	1.04212	0.12067	0.634932	-1.57497	0.204644	0.69683	-1.43507	0.0562943	1.79196	1.79196	1.61122	1.85851	1.02532	1
cg19977628	TERT;TERT	0.256474	0.224683	0.357612	-2.79633	0.899584	0.90322	-1.10715	0.107684	0.242812	-4.11842	0.325456	2.26745	2.26745	0.202992	0.338384	-2.95522	0.237617	2.71148	2.71148	0.461893	0.546683	-1.82922	0.361056	0.469052	-2.13196	0.085261	0.215658	-4.63698	1.61121	16.5893	9.15218	1
cg27028168	TOX	0.256478	0.814233	0.966259	-1.03492	0.354601	0.870341	-1.14898	0.514394	1.10122	1.10122	0.147181	1.25462	1.25462	0.906778	0.983062	-1.01723	0.182549	0.813606	-1.2291	0.254776	0.84081	-1.18933	0.0759979	0.74981	-1.33367	0.249271	1.19196	1.19196	1.6112	0.542606	0.299353	1
cg21409833	DOCK7;ANGPTL3	0.25648	0.884774	1.12183	1.12183	0.0296735	0.13144	-7.60801	0.610002	0.665095	-1.50354	0.896164	0.901663	-1.10906	0.480133	1.76655	1.76655	0.533816	0.606794	-1.64801	0.764294	0.787889	-1.26921	0.785703	1.24118	1.24118	0.0356927	0.144001	-6.94439	1.61119	16.0376	8.8479	1
cg05060672	IQGAP2	0.25648	0.46959	0.873207	-1.1452	0.937239	1.01462	1.01462	0.874012	0.97118	-1.02968	0.052838	1.50017	1.50017	0.139525	1.34048	1.34048	0.0757297	1.4395	1.4395	0.99307	0.998401	-1.0016	0.309469	1.21389	1.21389	0.394704	0.85159	-1.17427	1.61119	0.866635	0.478121	1
cg18822036	ASAP1	0.256486	0.43104	1.87266	1.87266	0.0140828	10.6518	10.6518	0.149644	3.33964	3.33964	0.509156	1.68667	1.68667	0.600722	1.51016	1.51016	0.183996	3.00466	3.00466	0.915977	1.08587	1.08587	0.33068	2.18916	2.18916	0.126828	3.62935	3.62935	1.61117	15.5488	8.57836	1
cg20270188	BCAN;BCAN;BCAN;BCAN	0.25649	0.931637	0.975616	-1.02499	0.347078	0.756867	-1.32124	0.1472	1.56444	1.56444	0.324886	0.7464	-1.33976	0.254258	0.709982	-1.40849	0.389591	0.775949	-1.28874	0.212489	0.685359	-1.45909	0.0332618	0.488724	-2.04614	0.979853	1.00729	1.00729	1.61115	2.1123	1.16538	1
cg16978571	KCNK4;C11orf20	0.256495	0.49297	0.739729	-1.35185	0.0190042	3.41954	3.41954	0.145014	1.96928	1.96928	0.804472	0.898169	-1.11338	0.875387	0.934308	-1.07031	0.252958	1.67696	1.67696	0.876324	1.06976	1.06976	0.458858	0.721395	-1.3862	0.998042	0.998938	-1.00106	1.61113	4.78359	2.63919	1
cg03159329	STK39	0.256499	0.917445	1.01754	1.01754	0.453815	1.13656	1.13656	0.145973	1.29932	1.29932	0.441002	1.14089	1.14089	0.357667	1.17197	1.17197	0.608841	1.09044	1.09044	0.0441252	0.678445	-1.47396	0.826961	0.963941	-1.03741	0.118394	1.32895	1.32895	1.61112	0.718043	0.39616	1
cg05233310	PRSS27	0.256504	0.849276	1.16523	1.16523	0.0821796	0.212716	-4.70111	0.639649	0.684534	-1.46085	0.963278	1.0377	1.0377	0.177539	0.31607	-3.16386	0.955086	0.955739	-1.04631	0.263447	2.55236	2.55236	0.113423	0.250433	-3.99309	0.155592	3.39156	3.39156	1.6111	16.4846	9.09502	1
cg13347071	UNC80;UNC80;UNC80;UNC80	0.256506	0.240078	1.22148	1.22148	0.665426	1.07333	1.07333	0.0213848	1.56788	1.56788	0.7692	0.953272	-1.04902	0.152195	1.28334	1.28334	0.948178	1.01063	1.01063	0.344337	0.853488	-1.17166	0.838663	0.967386	-1.03371	0.277912	1.20143	1.20143	1.61109	0.674976	0.372405	1
cg22917652	MSRA;MSRA;MSRA	0.256507	0.405276	0.70088	-1.42678	0.296726	1.57081	1.57081	0.223647	1.70515	1.70515	0.0843026	2.21915	2.21915	0.0872424	0.454684	-2.19933	0.638764	0.820898	-1.21818	0.356351	1.48585	1.48585	0.376906	1.46005	1.46005	0.919118	0.95849	-1.04331	1.61109	4.44565	2.4528	1
cg23776532	CKAP2;CKAP2;CKAP2;CKAP2	0.256522	0.258297	1.29009	1.29009	0.758503	1.06886	1.06886	0.434898	1.18773	1.18773	0.49691	1.16061	1.16061	0.518593	0.868216	-1.15179	0.407715	0.832872	-1.20066	0.294726	1.26449	1.26449	0.0456645	1.64018	1.64018	0.0527326	1.60883	1.60883	1.61103	1.18979	0.656468	1
cg18610958	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.256527	0.368	0.768662	-1.30096	0.159746	0.652171	-1.53334	0.800183	1.07483	1.07483	0.0425582	0.51457	-1.94337	0.230063	0.698867	-1.43089	0.162782	0.654456	-1.52799	0.547381	1.18916	1.18916	0.0896728	0.587223	-1.70293	0.987396	0.995515	-1.0045	1.61102	2.06567	1.13975	1
cg15393441	MIER1;WDR78;MIER1;MIER1;MIER1;MIER1;MIER1;WDR78;MIER1	0.256528	0.970888	1.00542	1.00542	0.135585	0.787896	-1.2692	0.554172	0.91514	-1.09273	0.0641848	0.734733	-1.36104	0.997478	1.00047	1.00047	0.120683	0.779235	-1.28331	0.0393788	0.702417	-1.42366	0.728892	1.05292	1.05292	0.451472	0.892528	-1.12041	1.61101	0.560428	0.30922	1
cg08471972	FAM124A	0.256531	0.607723	1.22313	1.22313	0.159595	1.79434	1.79434	0.778267	1.11607	1.11607	0.0362029	2.57923	2.57923	0.64907	1.19509	1.19509	0.35398	1.44914	1.44914	0.132832	1.87921	1.87921	0.0781091	2.14141	2.14141	0.0833458	2.10785	2.10785	1.611	3.86105	2.13038	1
cg13565549	DAB2IP;DAB2IP	0.256534	0.822822	1.22088	1.22088	0.0531195	7.06733	7.06733	0.068893	6.12026	6.12026	0.324575	2.47261	2.47261	0.179301	0.281006	-3.55865	0.609152	0.631989	-1.58231	0.919037	1.0947	1.0947	0.337367	2.41128	2.41128	0.881032	0.875231	-1.14256	1.61099	20.2043	11.148	1
cg19939503	CAPN2;CAPN2	0.256538	0.258284	0.694758	-1.43935	0.531261	0.82217	-1.21629	0.218317	0.670462	-1.49151	0.127631	1.66297	1.66297	0.203843	0.660959	-1.51295	0.80478	0.92639	-1.07946	0.532503	0.82267	-1.21555	0.592479	1.18154	1.18154	0.0473154	0.496259	-2.01508	1.61098	2.4322	1.34201	1
cg13994599	SAMD4A;SAMD4A;SAMD4A	0.256542	0.0228849	0.210682	-4.7465	0.459073	1.5392	1.5392	0.526407	0.692661	-1.44371	0.220122	0.47828	-2.09083	0.232102	0.48825	-2.04813	0.615274	0.748351	-1.33627	0.41727	1.60678	1.60678	0.722698	0.815601	-1.22609	0.184831	0.447292	-2.23568	1.61096	8.34985	4.60724	1
cg26001590	DHPS;DHPS;DHPS	0.256543	0.0469774	0.647475	-1.54446	0.89159	0.974268	-1.02641	0.253854	0.79629	-1.25582	0.361161	0.835729	-1.19656	0.0431625	0.640997	-1.56007	0.962957	0.991161	-1.00892	0.541496	0.888558	-1.12542	0.313798	0.819425	-1.22037	0.0690711	0.67782	-1.47532	1.61096	0.932423	0.514488	1
cg02574894	C12orf10	0.256549	0.207835	0.7504	-1.33262	0.622241	1.11335	1.11335	0.868306	1.03653	1.03653	0.898005	1.02812	1.02812	0.550268	0.877499	-1.1396	0.310424	0.796976	-1.25474	0.0210717	0.548883	-1.82188	0.234314	1.30939	1.30939	0.732016	1.07715	1.07715	1.61094	1.19275	0.658139	1
cg15364131	C22orf24;YWHAH	0.256551	0.0341103	0.467959	-2.13694	0.974154	0.9901	-1.01	0.775315	0.915867	-1.09186	0.107368	0.582926	-1.71548	0.833483	0.759997	-1.31579	0.709316	1.12187	1.12187	0.271743	0.703737	-1.42099	0.0896634	0.562935	-1.77641	0.561255	1.1977	1.1977	1.61093	2.40619	1.3277	1
cg16928657	PRPF19	0.256552	0.824135	0.95136	-1.05113	0.877783	1.03508	1.03508	0.676641	1.09852	1.09852	0.451534	0.842113	-1.18749	0.228136	1.32762	1.32762	0.753605	0.931888	-1.07309	0.0155751	0.51453	-1.94352	0.220949	0.749564	-1.33411	0.940956	1.01673	1.01673	1.61093	1.28047	0.706548	1
cg24178740	FEV	0.256555	0.798428	0.923689	-1.08262	0.0344976	0.465415	-2.14862	0.0507944	0.501451	-1.99421	0.477806	0.799424	-1.2509	0.456878	0.790551	-1.26494	0.599861	0.848576	-1.17844	0.119021	0.591666	-1.69014	0.497996	1.23787	1.23787	0.971478	0.988971	-1.01115	1.61092	2.45477	1.35452	1
cg15908975	MIR592;GRM8;GRM8;GRM8	0.256559	0.111785	0.250164	-3.99737	0.329502	0.447012	-2.23708	0.331269	0.44841	-2.2301	0.233037	0.367696	-2.71964	0.0583701	0.18062	-5.53647	0.21124	0.3486	-2.86862	0.0760416	0.206063	-4.85287	0.0649079	0.190418	-5.2516	0.201538	0.339899	-2.94205	1.6109	16.3325	9.0122	1
cg09119494	E2F2	0.256564	0.0453598	0.260223	-3.84286	0.0401082	0.248817	-4.01902	0.327328	0.55267	-1.8094	0.359019	0.575164	-1.73863	0.247693	0.492253	-2.03148	0.301189	0.533541	-1.87427	0.130137	0.38337	-2.60845	0.112236	0.362717	-2.75697	0.587675	0.725385	-1.37858	1.61088	8.77442	4.84175	1
cg01991383	FOXRED1;SRPR	0.256566	0.515551	0.884629	-1.13042	0.36824	1.18748	1.18748	0.817994	0.958047	-1.04379	0.126578	1.35971	1.35971	0.355779	1.19317	1.19317	0.524295	0.886942	-1.12747	0.0718551	0.688226	-1.45301	0.890242	0.974655	-1.026	0.114657	1.37576	1.37576	1.61088	0.881977	0.486679	1
cg11205552	BOC	0.256566	0.346133	0.415605	-2.40613	0.0161827	0.0647483	-15.4444	0.0535593	0.133313	-7.50114	0.957801	0.953446	-1.04883	0.395507	0.45529	-2.1964	0.312971	0.38863	-2.57314	0.575772	0.600423	-1.66549	0.445762	0.49545	-2.01837	0.85569	0.848712	-1.17826	1.66682	20.9753	9.7876	1
cg18413900	CYP27B1	0.256571	0.833023	0.962428	-1.03904	0.132009	1.34298	1.34298	0.960211	0.990991	-1.00909	0.381598	1.17678	1.17678	0.527579	1.12311	1.12311	0.959355	0.990798	-1.00929	0.0149917	1.72026	1.72026	0.22528	1.25988	1.25988	0.6337	0.916601	-1.09099	1.61086	0.839467	0.463228	1
cg16163535	SLC12A7	0.256573	0.0945457	1.89348	1.89348	0.941531	0.974839	-1.02581	0.225336	0.642509	-1.5564	0.384274	0.73351	-1.36331	0.890879	1.04884	1.04884	0.112466	1.82266	1.82266	0.0697858	2.02274	2.02274	0.8922	1.04823	1.04823	0.915156	0.963655	-1.03772	1.61085	3.07902	1.69905	1
cg27437868	PARK7;PARK7	0.256582	0.036856	0.749541	-1.33415	0.854046	0.978341	-1.02214	0.530407	0.927214	-1.0785	0.220183	0.857688	-1.16565	0.0526003	0.769495	-1.29955	0.935729	1.00964	1.00964	0.409453	0.904558	-1.10551	0.410512	0.904772	-1.10525	0.0755531	0.790392	-1.26519	1.61082	0.360706	0.199046	1
cg23925173	RASAL1	0.256582	0.847166	1.05583	1.05583	0.80161	0.931564	-1.07346	0.0408713	0.514492	-1.94367	0.818957	1.06668	1.06668	0.0604904	0.551005	-1.81487	0.19185	1.47553	1.47553	0.47807	1.09498	1.09498	0.595928	1.16263	1.16263	0.846473	0.946882	-1.0561	1.61082	2.02261	1.11612	1
cg06909547	STK11	0.256583	0.0493651	1.6725	1.6725	0.189765	1.37502	1.37502	0.0742664	1.57786	1.57786	0.944701	0.98422	-1.01603	0.20932	1.35449	1.35449	0.130626	1.454	1.454	0.472015	0.845569	-1.18264	0.414008	1.21104	1.21104	0.469983	1.18358	1.18358	1.61081	1.34136	0.740197	1
cg09203114	KCNK15	0.256599	0.297957	0.777903	-1.28551	0.707429	1.09173	1.09173	0.238185	0.750063	-1.33322	0.536043	1.15704	1.15704	0.830111	0.951214	-1.05129	0.45844	1.19213	1.19213	0.0189311	0.516036	-1.93785	0.700955	1.09398	1.09398	0.472178	1.18557	1.18557	1.61076	1.38232	0.762825	1
cg15585372	BRI3;BRI3	0.2566	0.713254	0.904309	-1.10582	0.0552221	1.80809	1.80809	0.14432	0.652225	-1.53321	0.844657	0.947944	-1.05491	0.113616	0.625543	-1.59861	0.275256	0.733944	-1.3625	0.785066	0.92821	-1.07734	0.545045	1.18166	1.18166	0.538303	1.18506	1.18506	1.61075	1.89452	1.04548	1
cg24592364	ANKH;ANKH	0.256606	0.934764	0.988927	-1.0112	0.455499	1.10892	1.10892	0.51887	0.914889	-1.09303	0.430258	1.11573	1.11573	0.222268	1.19062	1.19062	0.611181	0.932638	-1.07223	0.218373	1.19256	1.19256	0.250369	1.17748	1.17748	0.0179592	1.47865	1.47865	1.61073	0.471978	0.260463	1
cg18251187	MIR874;KLHL3	0.25661	0.128601	0.407363	-2.45481	0.430408	0.643999	-1.5528	0.303118	1.79179	1.79179	0.800869	1.14819	1.14819	0.158304	0.438394	-2.28105	0.157873	0.437969	-2.28327	0.125557	0.403963	-2.47548	0.0734635	0.335808	-2.97789	0.680253	0.797254	-1.2543	1.61072	7.62646	4.20874	1
cg02889418	NFATC1;NFATC1;NFATC1;NFATC1;NFATC1	0.256617	0.121433	1.4937	1.4937	0.0497985	1.70694	1.70694	0.696605	0.910615	-1.09816	0.986518	0.99597	-1.00405	0.369263	0.802234	-1.24652	0.966143	1.01019	1.01019	0.0738251	1.60992	1.60992	0.253753	1.32951	1.32951	0.845563	1.0477	1.0477	1.61069	1.45673	0.803925	1
cg13564702	PNLDC1	0.256618	0.0445841	0.610903	-1.63692	0.169365	0.731367	-1.3673	0.495643	0.86257	-1.15933	0.730148	0.92868	-1.0768	0.402018	1.20115	1.20115	0.0746923	0.654258	-1.52845	0.975122	1.00669	1.00669	0.367361	1.21881	1.21881	0.523681	0.871014	-1.14809	1.61069	1.16483	0.642835	1
cg26872138	MME;MME;MME;MME	0.256622	0.88369	0.977616	-1.0229	0.523472	0.90484	-1.10517	0.633528	1.07711	1.07711	0.200452	0.81128	-1.23262	0.0400712	0.692866	-1.44328	0.0620324	0.722571	-1.38395	0.112039	0.765207	-1.30684	0.228752	0.822549	-1.21573	0.719509	0.945756	-1.05735	1.61067	0.61012	0.336709	1
cg12636538	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SLC37A4	0.256624	0.790777	0.974644	-1.02602	0.118656	0.849072	-1.17776	0.538572	0.941631	-1.06199	0.135456	1.16815	1.16815	0.196049	1.14117	1.14117	0.131635	1.17023	1.17023	0.277358	1.11529	1.11529	0.396005	0.919471	-1.08758	0.854188	0.982388	-1.01793	1.61067	0.237988	0.13134	1
cg17367243	SLC39A11;SLC39A11	0.256629	0.924034	0.975122	-1.02551	0.0723923	1.69823	1.69823	0.659027	0.889321	-1.12445	0.867494	0.956851	-1.04509	0.0814898	0.600465	-1.66538	0.334277	1.30088	1.30088	0.24226	1.38164	1.38164	0.152504	1.499	1.499	0.927084	1.02447	1.02447	1.61065	1.77983	0.982256	1
cg06872705	LMX1A	0.256632	0.976583	1.00725	1.00725	0.942818	0.982509	-1.0178	0.366205	1.25654	1.25654	0.0224801	0.510461	-1.95901	0.735837	1.08686	1.08686	0.318327	1.2888	1.2888	0.173867	1.42745	1.42745	0.370097	1.2541	1.2541	0.977465	1.00697	1.00697	1.61064	1.54355	0.851863	1
cg11887214	PYGM;PYGM;PYGM;PYGM	0.256643	0.226159	0.487471	-2.0514	0.886647	0.922526	-1.08398	0.37047	1.68194	1.68194	0.260678	0.515172	-1.9411	0.0875719	0.344318	-2.9043	0.249919	0.506725	-1.97346	0.166606	0.4344	-2.30203	0.0493813	0.281394	-3.55373	0.265601	0.518986	-1.92683	1.6106	8.1534	4.49987	1
cg17882959	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	0.256644	0.127798	1.42853	1.42853	0.0801287	1.5228	1.5228	0.595753	1.12297	1.12297	0.820626	1.05042	1.05042	0.340516	0.808341	-1.2371	0.867799	0.964557	-1.03675	0.0611535	0.63315	-1.57941	0.902552	0.973816	-1.02689	0.897472	0.972461	-1.02832	1.61059	1.19688	0.660561	1
cg12141179	TLK1;TLK1	0.256645	0.146494	0.464307	-2.15375	0.205533	1.92982	1.92982	0.0747451	2.65674	2.65674	0.423616	1.49525	1.49525	0.253026	0.555621	-1.79979	0.21071	0.522468	-1.91399	0.785881	0.874553	-1.14344	0.73393	0.845402	-1.18287	0.725112	0.840476	-1.1898	1.61059	6.18096	3.41128	1
cg06221222	BCAR3	0.256649	0.550161	0.799234	-1.2512	0.237198	1.58255	1.58255	0.21472	0.61622	-1.6228	0.937555	1.02947	1.02947	0.647573	1.18603	1.18603	0.383004	0.717763	-1.39322	0.0219126	0.360852	-2.77122	0.456504	1.3246	1.3246	0.993871	1.00285	1.00285	1.61057	3.50499	1.93443	1
cg06898463	PBLD;PBLD	0.256653	0.2728	0.731049	-1.3679	0.32978	0.75878	-1.31791	0.0391993	0.519467	-1.92505	0.206482	0.693695	-1.44156	0.329602	0.758698	-1.31805	0.116399	0.626076	-1.59725	0.978635	0.992677	-1.00738	0.210992	0.696469	-1.43581	0.0493076	0.540186	-1.85121	1.61056	1.92164	1.06057	1
cg19286672	SGCA;SGCA	0.256655	0.0626198	0.414159	-2.41453	0.961854	0.980079	-1.02033	0.838698	1.08954	1.08954	0.274473	0.61978	-1.61347	0.0617489	0.412644	-2.4234	0.163434	0.534852	-1.86968	0.0720945	0.429735	-2.32702	0.213718	0.576471	-1.73469	0.498487	0.74894	-1.33522	1.61056	4.51497	2.49188	1
cg19589811	FAM181B	0.256659	0.286296	0.818705	-1.22144	0.0667371	1.44967	1.44967	0.0958612	1.39152	1.39152	0.930014	1.01599	1.01599	0.503921	1.13034	1.13034	0.355121	1.18748	1.18748	0.147093	1.32455	1.32455	0.391801	0.853431	-1.17174	0.328243	1.19997	1.19997	1.61054	0.832367	0.459399	1
cg11487705	OXCT1;OXCT1	0.25666	0.648116	1.12494	1.12494	0.402541	1.24546	1.24546	0.949609	1.01633	1.01633	0.244879	1.36572	1.36572	0.109988	0.639947	-1.56263	0.707103	0.907812	-1.10155	0.0285554	0.515827	-1.93863	0.64939	0.889346	-1.12442	0.803464	1.06598	1.06598	1.61054	1.67457	0.924228	1
cg19239230	RGS7	0.256662	0.518273	1.3296	1.3296	0.292971	0.622171	-1.60727	0.242306	0.587261	-1.70282	0.15411	1.94183	1.94183	0.416442	1.43512	1.43512	0.159625	1.92258	1.92258	0.062692	2.48696	2.48696	0.590349	0.789472	-1.26667	0.757155	1.14444	1.14444	1.61053	4.82601	2.66359	1
cg05398544	SLC24A4;SLC24A4;SLC24A4	0.256668	0.638492	1.16254	1.16254	0.452923	0.78399	-1.27553	0.777984	0.913962	-1.09414	0.531398	0.817275	-1.22358	0.71335	0.889199	-1.12461	0.00776557	0.336876	-2.96845	0.903669	0.962197	-1.03929	0.846624	1.06357	1.06357	0.319685	0.720874	-1.38721	1.61051	2.58385	1.42611	1
cg06378609	ZMYND19	0.256668	0.216621	0.833231	-1.20015	0.984181	0.997222	-1.00279	0.111576	1.27531	1.27531	0.250961	0.845081	-1.18332	0.825274	0.96945	-1.03151	0.275816	0.852927	-1.17243	0.0786359	0.760261	-1.31534	0.125277	0.792285	-1.26217	0.456163	0.898975	-1.11238	1.61051	0.502271	0.277219	1
cg21178851	IGF2R	0.256673	0.100409	1.52907	1.52907	0.183087	0.716542	-1.39559	0.0597628	0.605787	-1.65075	0.75671	0.929299	-1.07608	0.498345	1.17608	1.17608	0.354285	0.798626	-1.25215	0.798515	0.941429	-1.06221	0.195406	0.723896	-1.38141	0.781015	0.936359	-1.06797	1.61049	1.42004	0.783773	1
cg06277657	DGKI	0.256675	0.483658	0.775368	-1.28971	0.125633	0.55301	-1.80828	0.302217	0.682496	-1.46521	0.298029	0.680067	-1.47044	0.0732788	0.489747	-2.04187	0.39521	1.36509	1.36509	0.0580875	0.465075	-2.15019	0.182032	0.602741	-1.65909	0.274973	0.666345	-1.50072	1.61048	3.25829	1.79838	1
cg12703371	SLC39A8;SLC39A8;SLC39A8;SLC39A8	0.256675	0.918913	1.02143	1.02143	0.266892	1.2724	1.2724	0.0974165	1.46054	1.46054	0.211866	0.760409	-1.31508	0.815283	1.04995	1.04995	0.423362	1.18567	1.18567	0.172731	1.35285	1.35285	0.135334	1.39829	1.39829	0.0771049	1.50585	1.50585	1.61048	1.10636	0.610644	1
cg17824256	UBE2N	0.256682	0.843329	0.885083	-1.12984	0.923545	1.06101	1.06101	0.0961103	3.0874	3.0874	0.120296	2.82806	2.82806	0.0379218	0.226546	-4.41411	0.967167	1.02572	1.02572	0.971208	0.97798	-1.02252	0.850261	1.12366	1.12366	0.637843	0.746394	-1.33977	1.61046	9.7073	5.35793	1
cg14908024	UBE3A	0.256683	0.164825	0.689293	-1.45076	0.169179	0.692257	-1.44455	0.943495	1.01796	1.01796	0.349617	0.78524	-1.2735	0.564624	0.863974	-1.15744	0.0215271	0.499938	-2.00025	0.389718	0.801455	-1.24773	0.305415	1.30536	1.30536	0.691758	0.90478	-1.10524	1.61045	1.60821	0.887651	1
cg17869472	C10orf99	0.256684	0.0772753	0.446459	-2.23985	0.625777	0.819792	-1.21982	0.126708	0.509022	-1.96455	0.412343	0.712044	-1.40441	0.102789	0.481447	-2.07707	0.688936	0.849913	-1.17659	0.61842	1.2251	1.2251	0.516176	0.766134	-1.30525	0.0354092	0.363036	-2.75454	1.66635	4.21299	1.96643	1
cg23678322	LTK;LTK;LTK	0.256686	0.506865	0.813263	-1.22961	0.291808	1.39897	1.39897	0.0328384	0.464746	-2.15171	0.557319	1.19982	1.19982	0.177771	0.644301	-1.55207	0.982615	0.993334	-1.00671	0.852167	1.05893	1.05893	0.238439	1.46084	1.46084	0.508928	1.22835	1.22835	1.61044	2.40307	1.32638	1
cg00998168	CDK11B;CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.256691	0.66672	0.902105	-1.10852	0.55602	1.15212	1.15212	0.0556061	1.67494	1.67494	0.50292	1.17546	1.17546	0.151353	0.693796	-1.44135	0.684174	0.907332	-1.10213	0.506696	0.851978	-1.17374	0.17643	1.40738	1.40738	0.174131	1.41028	1.41028	1.61042	1.44216	0.796016	1
cg03553434	DYRK1A;DYRK1A	0.256695	0.377003	0.674015	-1.48365	0.0530997	2.60232	2.60232	0.0508944	2.63233	2.63233	0.659116	1.21312	1.21312	0.443504	0.711775	-1.40494	0.589328	0.78886	-1.26765	0.496982	0.740733	-1.35001	0.941623	0.968631	-1.03239	0.668479	0.829049	-1.2062	1.61041	4.83027	2.66614	1
cg08001838	LITAF;LITAF;LITAF	0.256699	0.485704	1.2002	1.2002	0.983127	0.994567	-1.00546	0.631596	1.13252	1.13252	0.759372	0.923906	-1.08236	0.00945444	0.428596	-2.3332	0.888862	1.03668	1.03668	0.848561	1.05048	1.05048	0.913972	1.02823	1.02823	0.440241	1.22478	1.22478	1.61039	1.69258	0.934254	1
cg15210234	SIRPA;SIRPA;SIRPA	0.2567	0.430004	1.25067	1.25067	0.123919	1.58827	1.58827	0.132446	1.56959	1.56959	0.515926	1.2007	1.2007	0.591587	0.860373	-1.16229	0.0265268	2.07548	2.07548	0.434385	0.801336	-1.24792	0.532548	1.19188	1.19188	0.99006	1.00347	1.00347	1.61039	1.96643	1.08541	1
cg17282004	C1QTNF4	0.256701	0.24437	0.563078	-1.77595	0.749234	1.16328	1.16328	0.143924	2.09677	2.09677	0.926611	0.957484	-1.0444	0.289019	0.595094	-1.68041	0.705589	0.836118	-1.196	0.051388	0.351337	-2.84627	0.114689	0.445293	-2.24571	0.383716	0.656246	-1.52382	1.61039	5.67217	3.13088	1
cg08470264	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.256703	0.102704	0.360745	-2.77204	0.198743	0.460471	-2.17169	0.285284	0.530595	-1.88468	0.301803	0.542873	-1.84205	0.0172062	0.190603	-5.24652	0.195913	0.457958	-2.18361	0.239326	0.494778	-2.02111	0.236125	0.492176	-2.03179	0.354828	0.580684	-1.72211	1.61038	8.31674	4.59063	1
cg05165044	PGM2	0.256707	0.158445	0.631853	-1.58265	0.0970885	0.574346	-1.74111	0.337812	0.740151	-1.35108	0.409676	0.773551	-1.29274	0.0513338	0.508828	-1.9653	0.682904	1.13323	1.13323	0.062308	0.527827	-1.89456	0.339944	0.741192	-1.34918	0.220971	0.675828	-1.47967	1.61036	2.3651	1.30549	1
cg03222971	IGFBP5	0.256708	0.848384	0.96079	-1.04081	0.353747	1.22067	1.22067	0.676728	0.916103	-1.09158	0.29297	1.25608	1.25608	0.688927	0.919343	-1.08773	0.533887	1.14073	1.14073	0.141734	0.718794	-1.39122	0.169462	1.35782	1.35782	0.0405617	1.63926	1.63926	1.61036	1.11391	0.614857	1
cg26915384	GSG1L;GSG1L	0.256711	0.114331	1.3371	1.3371	0.837772	1.03528	1.03528	0.370596	1.16826	1.16826	0.891267	0.977131	-1.0234	0.677479	1.07331	1.07331	0.856805	0.969911	-1.03102	0.0234992	1.58037	1.58037	0.250696	0.816269	-1.22509	0.308642	1.19509	1.19509	1.61035	0.729656	0.402759	1
cg01916697	ABLIM3	0.256717	0.0698986	0.202378	-4.94126	0.61841	1.48562	1.48562	0.334601	2.19111	2.19111	0.901913	1.10207	1.10207	0.0244309	0.120804	-8.27784	0.849927	1.16104	1.16104	0.885056	1.12078	1.12078	0.788378	0.808909	-1.23623	0.610296	0.666868	-1.49955	1.61033	15.847	8.74742	1
cg25034766	FOS	0.256717	0.359528	0.337164	-2.96592	0.633063	1.74206	1.74206	0.26014	0.257818	-3.87871	0.492802	0.447605	-2.23411	0.726563	0.666868	-1.49955	0.470164	2.33472	2.33472	0.0178791	0.0360914	-27.7074	0.438356	2.48986	2.48986	0.301508	0.290732	-3.43959	1.61033	33.9658	18.7489	1
cg13910983	RPA2	0.256721	0.0702572	6.73785	6.73785	0.352101	2.43769	2.43769	0.484909	1.93314	1.93314	0.272977	2.8965	2.8965	0.157866	4.11028	4.11028	?	?	?	0.89666	1.12794	1.12794	0.106952	0.191509	-5.2217	0.600002	1.63378	1.63378	1.66939	19.7473	10.3504	1
cg22108980	IGFBP1	0.256728	0.676358	0.876948	-1.14032	?	?	?	0.862427	1.05575	1.05575	0.900401	0.961594	-1.03994	0.0957359	0.564211	-1.77239	0.695218	0.884128	-1.13106	0.0163042	0.399066	-2.50585	0.75184	0.90554	-1.10431	0.664519	1.14623	1.14623	1.61427	2.22327	1.37726	1
cg01026458	NECAB1	0.256732	0.630665	0.852228	-1.1734	0.0289463	2.33964	2.33964	0.151245	1.66134	1.66134	0.404045	1.32556	1.32556	0.715842	0.886324	-1.12826	0.305569	1.41932	1.41932	0.473547	0.786148	-1.27202	0.130391	1.71467	1.71467	0.646868	1.16446	1.16446	1.61028	2.77865	1.53384	1
cg09829983	RSAD2	0.256733	0.116526	0.223231	-4.47967	0.247791	0.345615	-2.89339	0.04452	0.131516	-7.60363	0.305003	0.392985	-2.54463	0.08237	0.184163	-5.42999	0.108157	0.214132	-4.67003	0.179238	0.285226	-3.50599	0.140964	0.248506	-4.02404	0.393968	0.464056	-2.15491	1.61027	19.7173	10.8842	1
cg22209929	NCEH1;NCEH1;NCEH1;NCEH1	0.256736	0.73001	0.893431	-1.11928	0.2326	0.665542	-1.50253	0.148937	0.604432	-1.65445	0.228476	1.50851	1.50851	0.0544133	0.491689	-2.03381	0.726398	0.892018	-1.12105	0.0905314	0.545192	-1.83422	0.248831	0.675651	-1.48005	0.506747	0.803241	-1.24496	1.61026	2.69819	1.48944	1
cg18259003	KIF19	0.256737	0.0816232	5.13241	5.13241	0.0777082	5.26788	5.26788	0.18892	3.25296	3.25296	0.193259	3.21157	3.21157	0.412521	2.03409	2.03409	0.464522	1.87927	1.87927	0.0629331	5.88871	5.88871	0.0731513	5.43907	5.43907	0.269396	2.65051	2.65051	1.61026	18.3167	10.1111	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1317 vs. N)	p-value(1327 vs. N)	Fold-Change(1327 vs. N)	p-value(1337 vs. N)	Fold-Change(1337 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg14478163	ANKRD34B	0.256741	0.645399	0.780412	-1.28138	0.271742	1.84647	1.844467	0.879423	1.08462	1.08462	0.459175	0.668119	-1.49674	0.351904	0.598929	-1.66965	0.239876	0.512839	-1.94993	0.622224	0.706571	-1.30434	0.1240949	4.21816	4.215816	0.661338	1.26601	1.61024	7.3019	4.0308	1
cg15447238	TCP11;TCP11	0.256741	0.315413	0.610934	-1.63684	0.2810776	0.29196	-3.42513	0.062391	0.360968	-2.7066	0.833342	0.904816	-1.1052	0.2801	0.586848	-1.70402	0.691026	0.827251	-1.20882	0.123562	0.45302	-2.20741	0.161616	0.491876	-2.03303	0.877029	0.92913	-1.07628	1.61024	5.74681	3.17236	1
cg15098690	ZNF330	0.256746	0.859344	0.95128	-1.05122	0.967749	0.98868	-1.01145	0.6698438	1.76975	1.76975	0.4470685	0.527336	-1.89632	0.453575	1.23984	1.23984	0.16804	1.51239	1.51239	0.843922	0.946008	-1.05707	0.936313	1.02276	1.02276	0.503699	1.21055	1.21055	1.61022	2.02004	1.11622	1
cg20441296	ADO3;ADO3;ADO3;ADO3;ADO3	0.256755	0.451361	0.871123	-1.14794	0.8603852	1.03281	1.032814	0.633152	1.09076	1.09076	0.28364	1.23175	1.23175	0.186225	1.28655	1.28655	0.921357	1.01791	1.01791	0.211489	0.789698	-1.26631	0.02935242	1.62332	1.623322	0.937664	0.986035	-1.01416	1.61019	0.824431	0.455118	1
cg00439711	NCRNA00200	0.256756	0.164699	1.34112	1.34112	0.864969	1.03428	1.03428	0.0743593	1.48242	1.48242	0.0854892	0.686320	-1.45703	0.746566	0.937812	-1.06631	0.184743	1.32119	1.32119	0.471772	0.865079	-1.15556	0.64954	1.09481	1.09481	0.791421	1.05388	1.05388	1.61019	0.999834	0.551949	1
cg09635395	C4orf51	0.256758	0.227651	0.480616	-2.08066	0.1785656	0.189049	-2.58963	0.75459	0.834086	-1.19892	0.950415	0.96466	-1.03663	0.392083	0.600913	-1.66443	0.387944	0.599327	-1.66854	0.127343	0.385241	-2.59578	0.082586	0.328798	-3.04138	0.555979	0.707964	-1.4125	1.61018	8.53587	4.71217	1
cg06500246	CEACAM7	0.256759	0.011493	0.278333	-3.59282	0.86964	0.935718	-1.0687	0.48071	0.748297	-1.33637	0.845302	0.924021	-1.08223	0.0986407	0.480672	-2.08042	0.274348	0.631223	-1.58423	0.305312	0.650907	-1.53632	0.604179	0.809327	-1.23559	0.328586	0.665045	-1.50366	1.61018	4.17292	2.30363	1
cg04868409	XNT1	0.256759	0.580318	0.779091	-1.28354	0.328094	1.60127	1.60127	0.64496	1.23778	1.23778	0.738914	1.17617	1.17617	0.282374	0.593933	-1.68369	0.141902	0.478788	-2.0886	0.0341882	0.285513	-3.50241	0.054236	1.15702	1.15702	0.399662	0.668746	-1.49525	1.61018	5.54696	3.06217	1
cg27474223	ZNF19	0.256763	0.0363737	0.333449	-2.99894	0.263614	0.909908	-1.09231	0.159358	0.607162	-1.64651	0.553931	0.737193	-1.35613	0.137193	0.48542	-2.06007	0.26864	0.594939	-1.68226	0.345218	0.644752	-1.55098	0.821501	1.1074	1.1074	0.0468141	0.385153	2.59637	1.61017	5.19745	2.86923	1
cg10542446	FLJ20506;LOC645851	0.256762	0.226525	0.405836	-2.46405	0.190944	0.373393	-2.6743	0.393862	0.537727	-1.85968	0.632041	1.40877	1.40877	0.0470975	0.199073	-5.02328	0.155311	0.339527	-2.94527	0.0455492	0.19616	-5.09789	0.59168	0.6806911	-1.46909	0.316907	0.47952	-2.08542	1.61017	12.8684	7.10399	1
cg01116134	C4orf52;KIAA1211	0.256762	0.933435	0.98206	-1.01817	0.9833	1.18341	1.183411	0.843859	0.760198	-1.31545	0.662327	0.811921	1.23161	0.708334	0.745644	-1.34174	0.50734	1.13222	1.13222	0.677369	0.881783	1.08178	1.081778	0.9424168	0.942452	-1.59329	0.31022	0.823841	-1.21383	0.6017	0.8685517	0.4749463	1
cg23148667	TTC15	0.256763	0.45235	0.830109	-1.20466	0.342586	0.788359	-1.26846	0.187873	1.4041	1.4041	0.616967	1.13047	1.13047	0.457673	0.838284	-1.19291	0.0497137	1.72363	1.72363	0.060057	1.5597	1.55597	1.81243	0.943772	-1.05958	0.52132	1.17127	1.17127	1.61016	1.5083	0.832655	1
cg16556670	SNORD7	0.256764	0.501082	1.31848	1.31848	0.625703	0.819525	1.220322	0.82108	1.09605	1.09605	0.137243	0.523054	-1.91185	0.0196546	0.319435	-3.13113	0.160164	1.39154	1.39154	0.0193504	0.891985	1.09334	1.093344	0.8490951	0.926097	-1.0798	0.983022	0.991422	-1.00865	1.61016	4.18019	2.30767	1
cg09926562	FANCLFANCI	0.256765	0.75185	1.13505	1.13505	0.08310909	0.461952	-2.16473	0.6481731	0.405865	-2.46387	0.392903	0.705045	-1.41835	0.128761	0.581557	-1.9262	0.760231	0.887662	-1.12655	0.721894	1.01417	1.01417	0.881793	0.942315	-1.06122	0.0712842	0.447337	-2.23545	1.61014	4.06631	2.24483	1
cg06147210	PTN	0.256769	0.235601	0.426286	-2.34584	0.0328579	0.180468	-5.54114	0.25732	2.24999	2.24999	0.797015	1.19341	1.19341	0.132575	0.328478	-3.04434	0.66472	0.741466	-1.34868	0.157654	0.354728	-2.81909	0.868083	0.9069151	-1.10264	0.64884	0.727335	-1.37485	1.61014	11.9996	6.62446	1
cg08122234	RNASE1;RNASE1;RNASE1;RNASE1	0.256779	0.145386	0.58738	0.65878	0.714581	1.49548	-2.58963	0.754591	0.834086	-1.19892	0.950415	0.96466	-1.03663	0.392083	0.600913	-1.66443	0.387944	0.599327	-1.66854	0.127343	0.385241	-2.59578	0.082586	0.328798	-3.04138	0.555979	0.707964	-1.4125	1.61018	8.53587	4.71217	1
cg04667969	EEF1G	0.256777	0.271808	0.653827	-1.52946	0.961921	0.982422	-1.01789	0.89233	0.951342	-1.05115	0.509106	1.28246	1.28246	0.0350094	0.401527	-2.49049	0.41955	0.736127	-1.35846	0.284489	1.51132	1.51132	0.11217	0.525987	-1.90119	0.537303	1.26115	1.26115	1.61011	3.51846	1.94243	1
cg05236960	CDH6	0.256778	0.389948	0.829599	-1.20561	0.961551	1.010227	1.010227	0.2845725	0.774802	-1.29065	0.337683	0.810951	-1.23312	0.594436	1.12067	1.12067	0.424806	0.841307	-1.18863	0.0221962	1.79482	1.79482	0.7947	1.05779	1.05779	0.502129	0.865532	-1.15536	1.6101	1.14617	0.632766	1
cg02553987	BCAS3;BCAS3	0.256782	0.154468	0.809359	1.80309	0.0527467	0.456099	-2.34357	0.741021	1.15295	1.15295	0.544629	0.897252	1.26628	0.442223	1.54062	1.54062	0.13553	1.86315	1.86315	0.172091	0.701562	-1.42539	0.44179	1.35442	1.35442	0.818475	1.09259	1.09259	1.6101	3.81519	2.10626	1
cg04611788	KNG1;KNG1;KNG1	0.256782	0.154469	0.627454	-1.59374	0.0425231	0.489568	-2.04262	0.571026	0.839392	-1.19134	0.566342	0.837563	-1.19394	0.582472	0.84384	-1.18506	0.629996	0.862058	-1.16001	0.29046	1.39862	1.39862	0.0609558	0.5242227	-1.90757	0.261164	0.698831	-1.43096	1.6101	2.38457	1.31646	1
cg11009131	AXIN1;AXIN1	0.256785	0.0462004	1.62047	1.61047	0.1233244	0.41544	-2.41544	0.322459	0.808262	-1.23722	0.134112	1.40164	1.40164	0.0188504	0.713295	-1.40239	0.583831	1.1224	1.1224	0.397649	1.19815	1.19815	0.4944337	0.909797	-1.04189	0.487555	0.863105	-1.15861	1.61009	0.8211	0.413376	1
cg16701652	C17orf58;C17orf58	0.256787	0.0404961	0.453173	-2.20666	0.765834	0.904914	-1.10508	0.232635	1.52	1.52	0.272394	1.46546	1.46546	0.0241201	0.637551	-1.5685	0.449933	1.29375	1.29375	0.704176	1.13611	1.13611	0.283872	0.68905	-1.45127	0.889154	1.00476	1.00476	1.61008	2.85363	1.57543	1
cg04809428	TRAP1	0.256789	0.16393	1.37629	1.37629	0.3646429	0.2921	-3.42513	0.062391	0.360968	-2.7066	0.833342	0.904816	-1.1052	0.2801	0.586848	-1.70402	0.691026	0.827251	-1.20882	0.123562	0.45302	-2.20741	0.161616	0.491876	-2.03303	0.877029	0.92913	-1.07628	1.61024	5.74681	3.17236	1
cg00551847	METTL5	0.256789	0.651803	1.11402	1.11402	0.35615	1.25306	1.25306	0.0942453	1.54847	1.54847	0.318573	0.782691	-1.27764	0.523678	0.857609	-1.16603	0.161163	1.42718	1.42718	0.43058	0.825949	-1.21073	0.454279	1.19862	1.19862	0.0662087	1.63193	1.63193	1.61007	1.4406	0.795331	1
cg25473596	AGX	0.256789	0.859271	1.04665	1.04665	0.92545	0.762674	-1.02434	0.0746394	1.66568	1.66568	0.287849	1.3278	1.3278	0.437386	0.829143	-1.20606	0.702554	1.10361	1.10361	0.0425148	0.548733	-1.82288	0.440588	0.820733	-1.21842	0.570384	1.15876	1.15876	1.61007	1.68341	0.929378	1
cg00894252	SH2D2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A D2A	0.256791	0.13411	0.43409	-2.30367	0.790281	1.14761	1.14761	0.969645	0.980536	-1.01985	0.13246	0.43231	-2.31315	0.0987965	0.39261	-2.54706	0.500589	0.702468	-1.42355	0.0418876	0.29781	-3.35785	0.381401	0.628927	-1.59001	0.112877	0.41009	-2.43849	1.61006	6.80385	3.7563	1
cg19121462	HLA-J	0.256796	0.1887921	2.71781	2.71781	0.344655	0.34333	3.01633	0.146772	0.92956	1.02956	0.910231	0.984204	1.01596	0.971479	0.983751	-1.01705	0.972356	1.02511	1.02511	0.601951	1.45744	1.45744	0.6554404	0.9153434	1.38191	1.38191	0.0706885	0.4294	0.4294	1.61004	0.82106	0.71249	1
cg21693007	RNF11;RNF11	0.256797	0.0540798	0.771816	-1.29565	0.666704	0.949095	-1.05267	0.363134	1.11709	1.11709	0.676041	0.951434	-1.05105	0.348283	0.891904	-1.2122	0.122929	0.820374	-1.21896	0.525968	0.926699	-1.0791	0.628037	1.05954	1.05954	0.144324	1.20466	1.20466	1.61004	0.357865	0.197574	1
cg11945414	ODF2;ODF2	0.256801	0.735695	0.953774	-1.04847	0.545987	1.08911	1.08911	0.260779	1.17803	1.17803	0.869991	1.01826	1.01826	0.118774	0.789357	-1.26685	0.223159	0.836269	-1.19579	0.0491115	0.730681	-1.36859	0.903813	0.983254	-1.01703	0.290925	1.16544	1.16544	1.61003	0.497588	0.274722	1
cg06780764	IGFBP3;IGFBP3	0.256805	0.68534	1.14802	1.14802	0.454823	0.606328	-1.10275	0.525884	1.34184	1.34184	0.253217	0.697189	-1.43391	0.0159095	0.287751	-3.4747	0.380226	1.04863	1.04863	0.7314595	1.84579	1.84579	0.5407497	0.8440327	1.10939	1.10939	0.783975	0.91076	-1.09857	1.61001	2.90744	1.61652	1
cg14246190	EHMT2;EHMT2	0.256815	0.578467	1.12883	1.12883	0.13167	0.689619	-1.45008	0.0646475	0.638847	-1.56532	0.323355	0.802333	-1.24637	0.76515	0.96682	-1.03441	0.390297	1.20932	1.20932	0.196644	1.34278	1.34278	0.285923	0.787198	-1.27033	0.588935	0.888882	-1.12501	1.60997	1.1886	0.656244	1
cg27441240	C5orf56	0.256817	0.3906632	0.7189	0.7189	0.0744629	0.2521	-3.96703	0.0599	0.359549	-2.78127	0.0934	0.512814	-1.95002	0.0992098	0.375464	-2.66393	0.132567	0.5124	-1.95202	0.0247307	0.388538	1.36868	1.368677	0.1978	0.585237	-1.70871	0.930237	0.969875	1.03107	1.60997	1.28341	1
cg17729941	C1orf77;5100A13	0.256817	0.0835136	0.350855	-2.85018	0.202996	0.479606	-2.08505	0.419921	0.637265	-1.56921	0.553317	0.72045	-1.38802	0.0337206	0.25771	-3.88033	0.188655	0.466953	-2.14154	0.2414497	0.511531	-1.95491	0.608085	0.327111	-3.05708	0.270343	0.533907	-1.87298	1.60997	7.62282	4.20868	1
cg13880458	BRSK2	0.256822	0.91299	0.956198	-1.04581	0.747553	1.14149	1.14149	0.474917	1.34683	1.34683	0.42847	0.718025	-1.39271	0.257925	0.616462	-1.62216	0.145839	0.527366	-1.89622	0.0197538	0.315496	-3.16961	0.901916	1.05182	1.05182	0.232605	0.598734	-1.67019	1.60995	4.28165	2.36391	1
cg22726807	GCHFR	0.256822	0.220874	-1.94737	1.07629	0.3546429	0.2521	-3.96703	0.0599	0.359549	-2.78127	0.0934	0.512814	-1.95002	0.0992098	0.375464	-2.66393	0.132567	0.5124	-1.95202	0.0247307	0.388538	1.36868	1.368677	0.1978	0.585237	-1.70871	0.930237	0.969875	1.03107	1.60997	1.28341	1
cg18618964	PPP3R1	0.256822	0.0159324	0.623766	-1.60317	0.214973	1.2321	1.2321	0.533114	1.10621	1.10621	0.372262	0.863745	-1.15775	0.863996	0.972958	-1.02779	0.291263	0.839363	-1.19138	0.671465	0.934056	-1.0706	0.887472	0.977614	-1.0229	0.822937	0.964797	-1.03649	0.699393	0.651937	0.359953	1
cg02551323	FLI36777	0.256825	0.554972	1.10276	1.10276	0.554563	1.5832	-1.7688	0.0600291	0.132447	-1.56733	0.195157	0.406764	-2.45857	0.0683932	0.247552	-4.04039	0.0849	0.506586	-1.97751	0.328169	0.84609	-1.18206	0.8944313	0.9499597	1.01485	1.01485	0.0814693	0.2389	0.23112	1.61002	0.213172	0.18156	1
cg04912275	SLC9A1	0.25683	0.183164	0.449292	-2.22573	0.188472	0.20196	2.20196	0.205323	1.23177	1.23177	0.91238	0.93955	-1.06434	0.0344592	0.247298	-4.0437	0.788132	1.6484	1.6484	0.523859	0.693551	-1.44385	0.815093	0.875723	-1.14191	0.672046	0.785671	-1.2728	1.60992	2.18215	1.45763	1
cg19312641	FAM111B;FAM111B;FAM111B	0.25683	0.0951691	1.90266	1.90266	0.121021	0.554416	-1.8037	0.488514	0.78124	-1.28002	0.884493	1.05232	1.05232	0.472578	0.773901	-1.29215	0.821513	0.923789	-1.0825	0.164997	0.594747	-1.68139	0.696161	1.14761	1.14761	0.0834066	0.510524	-1.95877	1.60992	3.13817	1.73269	1
cg07812231	TMED1	0.256835	0.425857	1.17361	1.17361	0.09501	0.741314	-1.34905	0.0297007	0.134177	-7.45184	0.0381351	0.181454	-5.51208	0.0146748	0.123655	-8.08353	0.0409	0.944313	-1.06002	0.0456214	0.949703	-1.05307	0.9493193	1.06024	1.06024	0.0440309	0.7833	-1.27671	1.6099	0.2012	0.183156	1
cg03814316	TAOK2;TAOK2	0.256838	0.365504	0.795112	-1.25768	0.0238697	0.514386	-1.94406	0.629543	0.88705	-1.12733	0.659837	1.11541	1.11541	0.0767229	0.615424	-1.6249	0.319961	0.776144	-1.28842	0.420075	1.22524	1.22524	0.597925	0.8770111	-1.14024	0.429919	0.818337	-1.22199	1.60989	1.55037	0.856022	1
cg13053350	DET1;DET1;DET1	0.256838	0.213314	-1.45273	1.45273	0.4925396	0.339139	-2.9113	0.0634206	0.376076	-2.65868	0.785164	1.04454	1.04454	0.276271	0.511851	-1.95341	0.160242	0.513182	0.8236435	-1.2135	0.160022	0.6156	-1.56415	0.133157	0.44402	-2.25133	0.4246	-1.1246	0.1883	1.6088	1.60988	0.4246	0.1883	1
cg07003407	LOC284837	0.256838	0.146682	0.33722	-2.96542	0.751268	0.800994	-1.24845	0.287747	0.462915	-2.16022	0.22151	0.40791	-2.45152	0.016925	0.130957	-7.6361	0.862902	0.88638	-1.12818	0.15094	0.341614	-2.92728	0.360921	0.519239	-1.92589	0.165304	0.356038	-2.80869	0.16989	12.4159	6.85532	1
cg16589189	ABCA8;ABCA8	0.256839	0.853188	0.97401	-1.02668	0.0762796	1.14394	1.14394	0.3233	1.04833	1.04833	0.846772	0.92956	1.02956	1.002455	0.991231	-1.00834	0.640295	0.944313	-1.06002	0.456214	0.949703	-1.05307	0.9493193	1.06024	1.06024	0.0440309	0.7833	-1.27671	1.6099	0.2012	0.183156	1
cg03745355	PCMTD1	0.256844	0.531993	0.709199	-1.41004	0.881612	0.922292	-1.08426	0.36312	0.92007	1.26408	0.164089	0.633269	1.29813	0.144103	0.40265	-2.48301	0.719224	1.12647	1.12647	0.384956	0.911744	-1.0968	0.195724	0.62414	0.624144	0.687657	1.2452	1.2452	1.60989	7.51262	4.14805	1
ch.1.2975077F	GATAD2B	0.256846	0.0237835	0.307166	-3.25556	0.98102	0.994054	-1.00598	0.748719	0.86884	-1.15096	0.45545	0.717089	-1.39453	0.147097	0.506285	-1.97517	0.888613	1.06322	1.06322	0.0480811	0.372175	-2.68691	0.421708	0.698336	-1.43198	0.416177	0.695213	-1.43841	1.60986	4.87944	2.69419	1
cg07375716	DLGAP3	0.256845	0.0422422	1.84694	1.84694	0.15746	0.4099	-2.44016	0.0454241	0.594934	-1.68107	0.0966	0.145146	-6.89759	0.0139	0.097541	-10.2545	0.0548	0.504356	-1.98214	0.0197539	0.315496	-3.16961	0.901916	1.05182	1.05182	0.232605	0.598734	-1.67019	1.60985	3.67754	2.11367	1
cg14441489	TSPAN5	0.256845	0.949164	1.03867	1.03867	0.298782	1.89812	1.89812	0.880314	0.914242	-1.0938	0.584611	1.38888	1.38888	0.701849	1.25721	1.25721	0.237011	0.09012	2.09012	0.060875	0.342977	0.342977	0.0127629	0.6179	0.6179	0.327136	1.8257	1.8257	1.60984	0.92836	0.49808	1
cg12837154	GAK	0.256852	0.818202	1.13134	1.13134	0.02209935	0.443044	-2.44244	0.0516828	0.336851	-3.33685	0.926611	1.05141	1.05141	0.0475047	0.675047	-1.48138	0.191951	1.05654	1.05654	0.499626	1.45193	1.45193	0.982472	1.01203	1.01203	0.712357	0.817484	-1.22327	1.60984	0.5464	0.3485	1
cg12705640	RBM34;RBM34;RBM34	0.256852	0.0644051	1.291425	1.291425	0.0001	0.28813	-3.47065	0.0447899	0.56	-1.7869	0.13269	0.4602	-2.17348	0.0121	0.082553	-12.1131	0.0266	0.3216	-3.10965	0.0423893	0.307607	0.876109	-1.14141	?	?	?	0.154256	1.48066	-1.48066	0.412867	1.64492	1.64492	1.60981	8.00047	4.9575	1
cg27032636	PTPN2;PTPN2;PTPN2	0.256855	0.703106	1.03366	1.03366	0.078253	1.65288	1.65288	0.699759	0.905007	-1.10496	0.912076	1.02886	1.02886	0.400369	0.801131	-1.24823	0.525182	1.18039	1.18039	0.260594	1.34702	1.34702	0.0420864	0.547028	-1.82806	0.690996	0.902205	-1.1084	1.60983	1.69154	0.934003	1
cg01806747	CDH3	0.256855	0.108213	1.62468	1.62468	0.0178736	0.283172	3.53028	0.0158634	0.167823	5.95782	0.0107482	0.163683	6.11237	0.0107482	0.163683	6.11237	0.0107482	0.163683	6.11237

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1121 vs. N)	Fold-Change(1121 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3479 vs. N)	Fold-Change(3479 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22210403	CCND2	0.257125	0.141121	0.097488	-1.43373	0.309074	0.786927	-1.27077	0.468373	0.845403	1.18287	0.256093	1.30928	1.309287	0.936957	1.01817	1.01817		0.0673062	0.6268	-1.59541	0.138071	0.695918	-1.43695	0.8169954	1.04987	1.04987	0.3127137	1.25893	1.60885	1.32025	0.729435	1
cg09794923	GPC1	0.257126	0.216493	1.90569	1.90569	0.843193	0.930284	-1.07494	0.129949	2.2503	2.2503	2.28715	1.72978	1.72978	0.33604	1.63534	1.63534		0.6387093	1.26424	1.26424	0.425756	0.6683133	-1.49671	0.0367558	3.33002	3.33002	0.357596	0.6255567	-1.59855	1.60885	6.26429	3.46102	1
cg23668285	SOX1;SOX1	0.257127	0.9464002	0.954255	-1.04794	0.903062	1.088557	1.088557	0.192991	0.3830979	-2.61043	0.197524	0.3872323	-2.58242	0.285983	2.16359	2.16359		0.2673938	2.23627	2.23627	0.380953	1.86093	1.86093	0.722615	0.780176	-1.28176	0.0449161	4.96814	4.96814	1.60885	12.3602	6.82901	1
cg24320065	MAL2	0.257133	0.249259	0.678691	-1.47342	0.229391	0.666161	-1.50071	0.460306	0.7850596	-1.27373	0.2435113	0.6751887	-1.48107	0.1516502	0.3624484	-2.75874		0.5195028	0.810489	-1.23381	0.895886	0.958786	-1.04304	0.784861	1.092007	1.092007	0.237189	0.671727	-1.48971	1.60885	2.2.6396	1.4584	1
cg01505807	SENP1;SENP1;PKM	0.25714	0.365351	1.13601	1.13601	0.862178	0.124171	1.02411	0.957508	1.00732	1.007032	1.310803	0.8660078	-1.15463	0.5216	1.09315	1.09315		0.133161	0.800813	-1.24873	0.1364045	0.716431	-1.39581	0.411926	1.1219	1.1219	0.405466	1.12349	1.12349	1.6088	0.4789979	0.264643	1
cg24282126	MRPL42;MRPL42;MRPL42	0.257145	0.9631803	1.01277	1.01277	0.516807	0.835027	-1.19757	0.167293	0.66772	-1.49763	0.673471	1.12331	1.12331	0.0640096	1.77023	1.77023		0.1556055	0.659146	-1.51711	0.495552	1.20068	1.20068	0.453371	0.8109936	-1.23314	0.1609394	0.669222	-1.49427	1.6088	1.91799	1.05972	1
cg05238069	CENPV	0.257144	0.599926	0.735535	-1.35955	0.0504261	3.6477	3.6477	0.684622	1.26743	1.26743	3.070113	1.70602	1.70602	0.262413	0.507544	-1.97027		0.6022273	1.35682	1.35682	0.161803	2.37981	2.37981	0.0716783	3.21289	3.21289	0.5083377	1.47608	1.47608	1.60879	8.58215	4.74182	1
cg01529193	GAK	0.257144	0.950924	1.48907	1.48907	0.478655	0.572883	-1.6562	0.31777	0.417325	-2.39621	0.540581	1.51813	1.51813	0.2602288	0.4532666	-2.20621		0.1096535	0.810844	-1.23516	0.0342947	0.1883452	-5.28089	0.0240215	1.38962	1.38962	0.3732208	0.5400082	-1.85157	1.60879	11.5711	6.39329	1
cg06573149	KATNAL2	0.257149	0.271534	0.490622	-2.03822	0.075718	0.335299	-2.98242	0.0854546	0.3364537	-2.96331	0.807801	0.8593116	-1.16372	0.0247686	0.180625	-2.27556		0.479211	0.639236	-1.56439	0.48333	0.6641994	-1.55765	0.9393593	1.39754	1.39754	0.8426803	0.872057	-1.14671	1.60877	9.880886	5.44839	1
cg08827700	SLC22A18;SLC22A18;SLC22A18AS	0.257151	0.493336	1.16666	1.16666	0.0751121	1.55137	1.55137	0.540554	0.87173	-1.14734	0.197023	0.73919	-1.35283	0.700139	0.917626	-1.08953		0.854748	0.960209	-1.04144	0.125053	1.44469	1.44469	0.173995	0.7258115	-1.37776	0.4384661	1.19137	1.19137	1.60876	1.25091	0.691166	1
cg03058526	DPHKC2	0.257157	0.320049	0.845267	1.18394	0.3893414	0.720418	-1.38808	0.172805	0.1.3859	-1.13859	0.1.3859	0.5532558	0.7894689	-1.26706	0.1.03479	-1.26946		0.6716572	0.853428	-1.1734	0.0282362	0.3821311	-2.61669	0.0381264	1.44469	1.44469	0.1739995	0.687062	-1.45547	1.6087	3.520777	1.94586	1
cg18257687	COQ2	0.257158	0.233189	1.21236	1.21236	0.6620123	0.723461	-1.38224	0.132404	0.7786688	-1.28421	0.4638	0.8914481	-1.12173	0.451268	0.112551	1.12551		0.1846938	1.24201	1.24201	0.737419	0.949484	-1.0532	0.894371	1.02068	1.02068	0.5358377	1.1014	1.1014	1.60874	0.60466	0.334098	1
cg15817446	C14orf37	0.25716	0.0287097	0.297007	-3.45892	0.201538	0.5232604	-1.91349	0.5462649	0.626681	-1.59517	0.238612	0.552188	-1.81098	0.0557306	0.553405	-2.83764		0.5599	0.747867	-1.33675	0.5652291	0.7547138	-1.325	0.5825366	1.3844	1.3844	0.544208	0.746514	-1.33956	1.60873	5.088838	3.2591	1
cg18903178	XYLT2	0.257165	0.394959	0.735514	-1.35959	0.0773062	1.99859	1.99859	0.296257	0.682594	-1.465	0.860208	1.06412	1.06412	0.242994	0.650005	-1.53845		0.0669696	2.06269	2.06269	0.398504	1.35632	1.35632	0.876519	0.9466551	-1.05636	0.6536111	1.17265	1.17265	1.60871	3.16736	1.75012	1
cg10080732	WDR81;WDR81;WDR81	0.257172	0.0934562	0.346565	-2.88546	0.165857	0.426774	-2.34316	0.0186322	0.193305	-5.40255	0.185099	0.436387	-2.29154	0.212526	0.501195	-1.99523		0.300613	0.538994	-1.85531	0.61577	0.769676	-1.29924	0.494864	0.92771	-1.07792	0.771415	0.845473	-1.18277	1.60868	8.45944	4.67432	1
cg00436700	C2orf49	0.257175	0.9638913	1.01277	1.01277	0.0995155	1.19455	1.19455	0.402969	1.08793	1.08793	1.902828	1.08981	1.08981	-1.01212	1.148772	1.14772		0.1156455	0.659146	-1.51711	0.495552	1.20068	1.20068	0.453371	0.8109936	-1.23314	0.1609394	0.669222	-1.49427	1.6088	1.91799	1.05972	1
cg09535072	ACOT6;ACOT6	0.257181	0.0516564	0.396354	-2.523	0.80824	1.10694	1.10694	0.28943	0.6316291	-1.58321	0.149661	0.47661	-2.09815	0.0400429	0.371013	-2.69532		0.2038885	0.571038	-1.7512	0.606909	0.8050957	-1.24215	0.6139012	0.817909	-1.22263	0.2562274	0.60949	-1.64072	1.60865	4.44805	2.45785	1
cg24655566	C20orf186	0.257185	0.202987	1.44118	1.44118	0.35902	1.29611	1.29611	0.196262	1.45005	1.45005	2.602568	0.727854	-1.33799	0.0582392	1.78968	1.78968		0.478153	1.21665	1.21665	0.299984	1.33922	1.33922	0.142351	1.53554	1.53554	0.483019	0.8223768	-1.21393	1.60864	1.88406	1.04108	1
cg14066397	CNN3	0.257192	0.2143333	1.17453	1.17453	0.36228	1.12213	1.12213	0.0.11485	1.19455	1.19455	0.403969	1.23807	1.23807	0.0990411	1.22983	1.24923	1.194213	1.18417	1.18417		0.1822398	1.19027	1.19027	0.1715838	0.8376585	-1.19377	0.8955986	1.01629	1.01629	0.2673558	1.15279	1.15279	1.60861	0.3857671	0.213164	1
cg02335441	NEK11;NEK11;ASTE1;NEK11	0.257192	0.0881284	0.413526	-2.41823	0.847737	1.09439	1.09439	0.0931625	0.4203454	-2.37895	0.320831	0.6179777	-1.61818	0.290849	0.597894	-1.67254		0.195603	0.526113	-1.90073	0.0604226	0.37025	-2.70088	0.085206	0.409442	-2.44235	0.2860053	0.594595	-1.68182	1.60861	5.60949	3.0997	1
cg02537242	MMD;MMD	0.257196	0.7590068	1.09541	1.09541	0.6068	0.927806	-1.07781	0.256114	0.83459	-1.22765	0.501526	0.8889	-1.12525	0.842137	1.0351	1.0351		0.568304	1.905054	-1.10491	0.0899362	0.5662632	-1.77736	0.915484	1.964884	-1.19849	0.914048	1.010885	1.010885	1.6086	0.762432	0.42131	1
cg23762633	ODC1	0.2572	0.435752	1.154532	1.154532	0.8878212	0.71175	-1.40499	0.51209	0.886491	-1.1275	0.337407	0.8365331	-1.19541	0.303145	1.21227	1.21227		0.21868	1.263	1.263	0.1314155	0.733338	-1.36893	0.3192819	0.855469	-1.16895	0.332645	0.834962	-1.19766	1.60858	0.8298122	0.458547	1
cg21226328	EPB41;EPB41;EPB41;EPB41;EPB41	0.257201	0.3883828	1.275865	-1.28392	0.2.9933	0.757978	-1.2338	0.1.54229	1.54229	1.54229	1.54229	1.79931	1.79931	0.0667716	1.79931	1.79931		0.4397096	1.17255	1.17255	0.5645221	1.32152	1.32152	0.8831101	0.9598449	-1.04313	0.7113981	1.11231	1.11231	1.60858	2.08778	1.15077	1
cg24830622	FAM161A	0.257203	0.375182	0.85683	-1.16711	0.267596	1.21661	1.21661	0.036233	1.512	1.512	0.692752	0.934799	-1.06975	0.286528	1.20672	1.20672		0.3362729	1.18313	1.18313	0.671782	1.07504	1.07504	0.756098	1.05432	1.05432	0.062441	1.42765	1.42765	1.60857	0.7343343	0.405794	1
cg15868237	DIS3L2	0.257209	0.137254	0.860095	-1.16266	0.178746	1.14397	1.14397	0.996186	0.99955	-1.00045	0.806318	1.0234	1.0234	0.385042	1.19353	1.19353		0.3133055	0.910267	-1.09858	0.449206	0.9229963	-1.07531	0.72406	0.967175	-1.03194	0.1460224	1.15829	1.15829	1.60855	0.2258462	0.124812	1
cg22177227	FAM63B;FAM63B	0.257215	0.57571	1.1.0.6353	1.1.0.6353	0.1.0.6353	0.1.0.6353	1.0.6353	0.0.0.0079	0.3218391	1.0.6348	1.0.6348	1.0.6348	1.0.6348	0.0.0.0079	0.3218391	1.0.6348		0.5741119	0.881211	-1.1348	0.1.0.0079	0.5686	1.0.6348	1.0.6348	1.0.6348	1.0.6348	1.0.6348	0.0.0.0079	0.3218391	1.0.6348	1.0.6348	1.0.6348	1.0.6348	1.0.6348

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
2527567	TTC9	0.277165	0.692391	-1.66005	0.16964	1.9125	0.1925	2.47703	1.37686	3.13086	0.110009	2.16429	2.16429	0.0860735	2.31788	2.31788	0.1038383	2.20445	0.20445	1.07475	0.815259	-1.2266	0.953808	1.02646	1.60726	5.00067	2.7656	1
2529444010	SLC12A2;FU33630	0.25757	0.426299	1.42469	0.152484	0.51941	-1.92526	0.32053	1.56399	1.56399	0.0852568	2.29113	2.29113	0.31084	0.645839	-1.54837	0.6690272	1.20605	1.20605	?	?	0.17403	0.53252	-1.87786	0.86232	1.07857	1.07857	1.61116	4.30647	2.6729	1
2555116613	TNRC18	0.257574	0.692405	1.38686	1.38686	0.0144401	11.9557	11.9357	0.0485316	6.38276	6.38276	0.501092	1.75359	1.75359	0.528287	1.69133	1.69133	0.424775	1.95511	1.95511	0.966551	0.966097	-1.03501	0.645298	1.46409	1.46409	0.4044111	2.01721	2.01721	1.60724	17.2152	9.52427	1
2524483616	RASAL1	0.785552	2.0504	1.0504	0.02392269	1.62549	1.62549	1.62549	0.296827	1.00072	1.00072	0.3866487	1.173752	1.173752	0.119647	1.35588	1.35588	0.358405	0.843449	-1.18506	0.706006	0.933953	-1.07072	0.580839	0.904266	-1.10584	0.524055	0.890106	-1.12346	1.60723	0.827519	0.457666	1
2509960765	HSD3B7;HSD3B7;HSD3B7;SET1DA	0.257579	0.0868373	0.526924	-1.89781	0.228454	0.653899	-1.52929	0.0765086	0.512567	-1.95096	0.168184	0.609731	-1.64007	0.0425106	0.4508	-2.21828	0.364763	0.732013	-1.3661	0.893801	1.04358	0.534133	0.810223	-1.23423	0.805078	1.086	1.6283	2.86884	1.34188	1
2514757228	PBRT1	0.258542	0.584518	1.38066	1.38066	0.1329119	2.578318	2.578318	0.215593	0.467319	-2.13987	0.710385	0.804233	-2.24345	0.68224	1.27184	1.27184	0.388231	1.32431	1.80996	1.80996	0.0412811	3.88831	3.88831	0.135437	2.56007	2.56007	0.837244	0.886715	4.82664	1.72782	1.66721	6.68615	4.804	1
2503091512	RHBDD1;RHBDD1	0.257582	0.218621	1.67593	1.67593	0.139281	0.529935	-1.88702	0.733295	1.14625	1.14625	0.628531	1.21477	1.21477	0.366501	1.44808	1.44808	0.879416	1.06246	1.06246	0.030131	0.3614838	-2.76673	0.758214	0.884069	-1.13113	0.640964	1.20615	1.20615	1.60721	4.05388	2.24206	1
2514620913	SYT7	0.258582	0.130042	4.1623	4.1623	0.0123133	14.5638	14.5638	0.235179	2.959944	2.959944	0.334569	2.381777	2.381777	0.442461	1.979565	1.979565	0.138997	4.01074	4.01074	0.493247	1.83452	0.449562	1.98862	1.98862	0.2923995	2.589111	2.589111	1.60719	19.357	10.7058	1
2503727760	UBTF;UBTF;UBTF	0.257587	0.818636	0.93091	-1.07422	0.270391	1.40006	1.40006	0.113399	1.71102	1.71102	0.246828	1.46929	1.46929	0.539643	0.824019	-1.21356	0.917105	0.968069	-1.03298	0.122023	0.559075	-1.68613	0.076324	1.84903	1.84903	0.944727	1.02185	1.02185	1.60719	2.47318	1.36784	1
2516373102	GNL1	0.257591	0.955593	0.975271	-1.02536	0.0318035	0.32254	-3.10039	0.376401	0.664861	-1.50407	0.815776	1.11065	1.11065	0.0532056	0.372438	-2.68501	0.970274	0.983384	-1.0169	0.763105	1.1456	1.1456	0.937522	0.965362	-1.03588	0.125564	0.474525	-2.10737	1.60717	5.14683	2.84659	1
2516198430	BBP4L;BRP44L	0.257592	?	?	?	?	1.915254	-1.54519	0.0488949	1.74677	1.74677	?	?	?	0.334269	0.334269	0.107382	2.40884	2.40884	0.777329	0.464241	1.54421	0.904624	1.10953	1.92362	?	?	1.85303	3.99945	1.79591	1
2518719966	KLK10;KLK10;KLK10;KLK10	0.257593	0.1213	0.390579	-2.5603	0.544901	0.709602	-1.40906	0.87119	0.913184	-1.09507	0.127765	0.397902	-2.51318	0.270133	0.525908	-1.90147	0.0876986	0.382208	-2.87173	0.0316812	0.244224	-4.09448	0.154778	0.426442	-2.34498	0.749388	0.835799	-1.19646	1.60717	7.9725	4.40942	1
2518928683	AGPAT5;PNPLP1;RNF5	0.257598	0.0090396	0.556223	-1.79703	0.4815641	1.126279	1.22679	0.687504	0.880678	-1.12349	0.791262	0.926995	-1.07875	0.815395	0.935348	-1.06912	0.221323	0.602536	-1.44307	0.1598816	1.59269	0.515089	0.811983	1.06295	1.06295	0.20316	1.468	1.468	1.60715	2.0798	1.34975	1
2518318985	SPG7;SPG7	0.2576	0.791848	0.943674	-1.05973	0.00681555	2.157211	2.157211	0.605228	1.12116	1.12116	0.921787	0.978691	0.978691	0.731559	-1.02977	0.893904	0.894394	1.02956	1.02956	0.770357	0.93782	-1.0663	0.537462	1.14077	1.14077	0.710754	1.08513	1.08513	1.60714	1.22439	0.677195	1
2510042883	TGFBR1;TGFBR1;TGFBR1;TGFBR1	0.257606	0.0697887	1.4698	1.4698	0.611344	0.705577	-1.10223	0.537999	0.888296	-1.12575	0.901261	1.02385	1.02385	0.691202	0.926972	-1.07878	0.673679	0.922708	-1.08377	0.763767	1.45418	0.45418	0.669715	1.4699	1.4699	0.528005	1.12911	1.12911	1.60712	0.91818	0.507839	1
2503958004	MAPKBP1;MAPKBP1	0.257607	0.306229	1.54596	1.54596	0.133821	3.578818	3.578818	0.215593	0.467319	-2.13987	0.710385	0.804233	-2.24345	0.68224	1.27184	1.27184	0.388231	1.32431	1.80996	1.80996	0.0412811	3.88831	3.88831	0.135437	2.56007	2.56007	0.837244	0.886715	4.804	1.72782	1.66721	6.68615	4.804	1
2519325331	GALNT9	0.257608	0.643392	1.23839	1.23839	0.08059812	2.432062	2.43206	0.3599	1.53988	1.53988	0.548241	1.32132	1.32132	0.48875	0.724299	-1.38065	0.70638	0.840658	-1.18954	0.0444633	0.346985	-2.88197	0.516257	0.739445	-1.35237	0.430075	0.691154	-1.44686	1.60711	5.35372	2.96112	1
2513475909	PIP4K2C;DC26;CDC26	0.257609	0.750865	1.22466	1.22466	0.238753	2.19111	2.19111	0.224423	1.38117	1.38117	0.514451	0.656931	-1.52225	0.997329	1.00213	1.00213	0.913511	1.07151	1.07151	0.475004	1.58699	1.58699	0.0160363	0.153531	-6.51336	0.375198	0.560679	-1.78355	1.60711	10.287	5.68971	1
2504542461	ESYT3	0.257612	0.372874	0.63803	-1.57117	0.495201	1.13194	1.13194	0.277612	0.739342	-1.3517	0.445589	0.749226	-1.33445	0.266424	-2.55105	0.196887	0.252252	-4.44035	0.0181528	0.0435519	-22.9785	0.0998535	1.78326	1.78326	0.668672	0.624735	-1.60068	1.6071	30.1889	16.8082	1
2505101437	CDK5;CDK6	0.257613	0.145708	0.253389	-3.9465	0.0867143	0.189602	-5.27419	0.0142672	0.0702163	-14.2417	0.282103	0.374427	-2.67075	0.37643	0.450355	-2.22047	0.801566	0.801461	-1.24772	0.567441	0.601716	-1.66191	0.700572	0.712148	-1.4042	0.505853	0.552509	-1.80993	1.6071	19.6598	10.8739	1
2504080045	SFT2D2	0.257616	0.442851	0.879131	-1.13749	0.0103346	0.197455	-4.94094	0.0332967	0.663367	-1.50746	0.768945	0.952638	-1.04976	0.880397	0.726071	-1.37633	0.365068	0.857934	-1.16559	0.418089	0.827798	-1.20814	0.174377	0.782896	-1.26856	0.438378	0.877973	-1.13899	1.60709	0.68895	0.381616	1
2516080643	DCC	0.257617	0.229678	0.523393	-1.91061	0.0154409	0.217299	-4.60195	0.325508	0.593636	-1.68453	0.449333	1.48588	1.48588	0.366598	0.620982	-1.61035	0.350113	0.613396	-1.63027	0.372485	0.624804	-1.6005	0.961437	1.02515	1.02515	0.688852	1.22968	1.22968	1.60708	6.71588	3.71461	1
2507905841	RIN1	0.257621	0.715481	1.07146	1.07146	0.1581972	1.307057	1.307057	0.201166	0.623197	1.60436	0.623197	0.734272	1.361773	0.396436	1.36472	1.36472	0.129734	1.41725	1.41725	0.112888	0.85689	1.85689	1.85689	0.0402801	0.737462	1.3556	1.3556	0.0403401	0.737462	1.3556	1.3556	0.0403401	0.737462	1.3556	1.3556	0.0403401	3.34343	1.84804	1
2506079738	FAM89A	0.257622	0.758541	1.03684	1.03684	0.307955	1.13183	1.13183	0.812315	1.02831	1.02831	0.517227	1.0801	1.0801	0.0357898	1.33197	1.33197	0.915055	0.987557	-1.0126	0.386959	0.901166	-1.10967	0.215222	0.858059	-1.16542	0.110862	1.22611	1.22611	1.60706	3.35404	0.193861	1
2508214126	CELSR1	0.257627	0.511829	1.15684	1.15684	0.568994	0.881571	-1.13434	0.985831	0.996191	-1.0039	0.649374	1.10542	1.10542	0.904479	1.16577	1.16577	0.127989	0.607441	-1.43381	0.0223434	0.182113	0.526494	1.15089	1.15089	0.328437	1.24718	1.24718	1.60705	1.2205	0.675082	1
2502447846	OSMR;OSMR	0.257628	0.144563	2.44545	2.44545	0.129705	1.28571	1.28571	2.26906	1.83087	1.83087	0.512197	1.3283	1.3283	0.592358	1.24806	1.24806	0.145091	2.41226	2.41226	0.0133294	0.554153	1.80453	1.80453	0.0755113	0.548408	1.79873	1.79873	0.282491	1.87583	1.87583	1.60704	8.07513	4.45653	1
2503583090	CLEC16A	0.257632	0.0762378	1.80497	1.80497	0.948297	0.98077	-1.01961	0.30181	0.759440	-1.31674	0.192091	1.512	1.512	0.814756	0.932138	-1.0728	0.0581533	1.89863	1.89863	0.388306	0.767405	-1.30309	0.921019	1.03014	1.03014	0.264036	1.41707	1.41707	1.60703	2.28182	1.26214	1
2504435687	ZBTB41	0.257639	0.846153	1.03561	1.03561	0.49851	1.13175	1.13175	0.205003	1.23555	1.23555	0.644783	1.07209	1.07209	0.912613	1.19213	1.19213	0.610455	1.09037	1.09037	0.0746497	0.717484	1.39405	1.39405	0.0191908	0.5337356	1.87276	1.87276	0.0331736	1.57256	1.6072	0.829392	0.4458845	1
2503603601	GNL3L	0.25764	0.363207	0.384481	-2.95437	0.186054	0.196864	-5.07964	0.506549	0.457841	-2.18416	0.0542676	12.5786	12.5786	0.74796	1.35284	1.35284	0.607054	3.0925974	-10.7994	0.646849	0.925626	-1.08035	0.551477	0.497353	-2.01064	0.836391	1.70288	1.70288	1.607	34.2018	18.9182	1
2516628574	ZNF610;ZNF610;ZNF61C HRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.257649	0.233952	0.861362	-1.16095	0.605915	1.06422	1.06422	0.114052	1.22827	1.22827	0.433515	0.908839	-1.1003	0.24567	1.1563	1.1563	0.81316	0.972079	-1.02872	0.457452	0.913472	-1.09472	0.651336	0.947043	-1.05592	0.0546822	1.2978	1.2978	1.60697	0.3640075	0.201387	1
2506153882	2;CHRM2;CHRM2;CHRM2	0.257653	0.768932	1.1172	1.1172	0.161877	0.453386	-2.20563	0.0679537	0.646344	-1.55734	0.872105	0.941191	-1.06248	0.797736	1.01043	1.01043	0.138149	1.13453	1.13453	0.874679	1.06118	1.06118	0.063698	0.456424	-2.19071	1.60695	3.60185	1.99237	1
2516944092	NDUFA4L2	0.257654	0.753707	1.1818422	1.1818422	0.0878007	0.764808	-1.30752	0.1274755	0.686334	-1.45704	0.607354	0.865474	-1.15556	0.0758004	1.29624	1.29624	0.0939214	1.82134	1.82134	0.0755981	0.992403	-1.00764	0.958203	1.02708	1.02708	0.457136	0.828025	-1.20769	1.60695	1.58661	0.874321	1
2517398595	SH3GL2 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.257654	0.16781	0.610312	-1.63851	0.902563	1.042	1.042	0.390539	0.744141	-1.34383	0.888725	0.954065	-1.04815	0.11421	0.561508	-1.78092	0.058275	1.48734	-2.05195	0.0324041	0.431144	-2.31941	0.350677	0.724225	-1.38079	0.742298	0.89509	-1.11721	1.60695	2.87143	1.58835	1
2505307014	C1	0.257657	0.199	0.729986	-1.36989	0.594778	1.13153	1.13153	0.473682	0.844521	-1.1841	0.944347	1.01632	1.01632	0.158218	0.70481	-1.41882	0.137447	0.690064	-1.44914	0.692381	1.0966	1.0966	382	0.812276	-1.23111	0.025001	0.538788	-1.85602	1.60694	1.36861	0.757056	1
2518441082	ZNF622	0.257666	0.955618	0.990875	-1.00921	0.0362793	1.49328	1.49328	0.759029	1.05199	1.05199	0.374648	0.860626	-1.16195	0.3722	0.859927	-1.16289	0.714651	1.06235	1.06235	0.113608	0.753094	-1.32786	0.655726	0.928755	-1.07671	0.284606	1.20091	1.20091	1.60691	0.690479	0.381951	1
2504768834	TPT1;SNORA31	0.257667	0.528661	1.19746	1.19746	0.0933246	0.937497	1.06667	0.0327307	0.567587	-1.76204	0.147456	1.47456	1.47456	0.380958	1.80958	1.80958	0.222963	2.44844	2.44844	0.145096	0.68057	1.46951	1.46951	0.180669	0.680557	2.86577	2.86577	0.0267447	0.680557	2.86577	2.86577	0.0267447	0.680557	2.86577	2.86577	0.0267447	4.11893	2.41883	1
2503860038	MAP3K7IP2	0.257675	0.581717	1.23033	1.23037	0.264099	1.54303	1.54303	0.227459	1.60337	1.60337	0.524021	1.27197	1.27197	0.901409	1.1775	1.1775	0.703463	1.15316	1.15316	0.283922	1.51408	1.51408	0.0912817	1.15959	3.15959	0.0874195	2.02003	2.02003	1.60687	1.53353	1.95468	1
2520279985	RRM1	0.25768	0.233898	0.815431	-1.22635	0.5273372	0.900594	-1.11038	0.119879	1.31769	1.31769	0.144974	1.29166	1.29166	0.231132	0.814348	-1.22798	0.364693	0.858739	-1.1645	0.945587	0.988902	-1.01122	0.202698	1.24593	1.24593	0.381701	1.15799	1.15799	1.60685	0.680306	0.376336	1
2527707302	FYXD2;FYXD2;FYXD2	0.257682	0.227227	0.709	-1.41026	0.0533146	0.910154	-1.09848	0.72687	0.913308	-1.09504	0.324024	1.22106	1.22106	0.660893	1.25744	1.25744	0.302024	1.10757	1.10757	0.574747	1.23746	1.23746	0.0297557	0.674294	1.48258	0.0267906	0.679792	1.48258	0.0267906	0.679792	1.48258	0.0267906	0.679792	1.48258	0.0267906	0.679792	4.38218	2.41	1
2508731941	SCRIB;SCRIB	0.257683	0.704304	1.02052	1.02052	0.216533	0.71687	-1.39495	0.283695	0.791947	-1.32988	0.687601	0.901726	-1.10898	0.0236042	0.500643	-1.99743	0.274029	0.747259	-1.33822	0.0906379	0.620531	-1.61152	0.818942	1.06044	1.06044	0.242882	1.23188	1.23188	1.60684	1.66736	0.922368	1
2515568372	VEPH1;VEPH1;PTX3;VEPH1	0.257684	0.4656583	1.0966	1.0966	0.1529947	0.8511	-1.18468	0.845406	1.1683	1.1683	0.214727	0.8855	-1.12899	0.0232197	1.3283	1.3283	0.0479584	1.01878	1.01878	0.908274	0.982617	1.01804	1.01804	0.919234	1.10706	1.10706	0.0450801	0.972552	1.02864	0.0288577	0.972552	1.02864	0.0288577	0.972552	1.02864	0.0288577	4.40686	2.41	1
2501283343	CEACAM5	0.257687	0.97188	0.981582	-1.01876	0.0218842	4.26548	4.26548	0.995663	1.00287	1.00287	0.8843636	2.73704	2.73704	0.367106	1.63005	1.63005	0.402447	1.57127	1.57127	0.227426	1.95078	1.95078	0.17164	2.15427	2.15427	0.204178	2.02723	2.02723	1.60683	7.0777	3.91535	1
2515839040	PCDH24	0.257695	0.718775	0.81377	-1.17209	0.1682513	0.524299	-1.90555	0.139965	0.46997	-2.12779	0.7902177	0.84373	-1.18521	0.0248615	0.309931	-3.22638	0.664804	0.401909	-2.48943	0.0117302	0.0742007	0.702651	-1.42313	0.279518	0.607	-1.64915	1.6068	0.8509	1.60682	0.274456	1
2520610201	TMEM87B	0.257703	0.5479368	1.38593	-2.60609	0.0848086	0.924392	1.21272	0.240191	0.682142	-1.77979	0.961453	1.02149	1.02149	0.387536	0.677348	1.47635	0.368716	1.66226	1.50099	0.271698	0.604511	-1.65423	0.18047	1.86939	1.86939	0.0190423	0.736111	1.35849	1.60678	4.92438	2.72423	1
2513754915	C9orf167	0.257707	0.0627404	0.108815	-9.18992	0.584808	1.79397	1.79397	0.59440	1.76674	1.76674	0.629383	1.67379	1.67379	0.818869	1.27503	1.27503	0.401741	2.482	2.482	0.665079	0.630421	-1.58624	0.0486089	10.8704	10.8704	0.318951	0.335876	-2.97729	1.60676	28.5523	15.7957	1
2503730481	PKIB;PKIB;PKIB;PKIB;PKIB	0.257709	0.0837042	1.20548	1.20548	0.2055612	0.431447	1.56344	0.0513123	0.903047	1.51864	0.183137	0.758205	-1.31854	0.0176906	0.983634	-1.01664	0.231313	0.788445	1.2683	0.536	0.902207	-1.10886	0.979571	1.00488	1.00488	0.215359	1.28138	1.28138	1.60675	0.919856	0.508884	1
2510447111	RADS1AP1;C12orf4;RADS1AP1	0.257711	0.945434	1.00923	1.00923	0.205659	1.19639	1.19639	0.076216	1.30364	1.30364	0.836801	0.972679	-1.02809	0.450001	0.901785	-1.10891	0.273922	1.16521	1.16521	0.0724342	0.763981	-1.30893	0.462511	1.10566	1.10566	0.470103	1.10349	1.10349	1.60674	0.458884	0.253921	1
2505898092	DUSL1	0.257711	0.0247989	0.647297	-2.15666	0.5910755	1.18801	1.18801	0.85276	1.06079	1.06079	0.30379	1.40258	1.40258	0.848111	0.940911	-1.0628	0.329901	0.726298	-1.37663	0.9611359	1.01551	1.01551	0.661315	0.869331	-1.15031	0.0931327	0.556139	-1.79811	1.60674	2.56753	1.42042	1
2516201957	MAML3	0.257712	0.0984129	0.402658	-2.48294	0.978039	1.91951	1.91951	0.0485316	6.38276	6.38276	0.564333	1.64715	1.64715	0.07833333	0.574729	-1.6686	0.358047	0.148225	0.6805731	0.2780759	0.645009	0.512378	1.95083	1.95083	0.0987868	0.403142	0.480552	0.456571	1.60659	0.54019	0.356405	1
2507382931	GPC4	0.257722	0.147886	0.294897	-3.39101	0.512984	0.608534	-1.64329	0.659327	1.36199	1.36199	0.0713367	4.87559	4.87559	0.0241864	0.498251	4.98251	0.353095	0.471622	-2.12034	0.790105	0.810713	-1.23348	0.780838	0.803007	-1.24532	0.953472	0.954197	-1.048	1.6067	15.7442	8.71031	1
2514332120	PGCP	0.257724	0.260306	0.7111	-1.40619	0.3855	0.955905	-1.0415	0.913256	0.943535	-1.06035	0.734258	1.38436	1.38436	0.0429145	2.91176	2.91176	0.148148	0.722358	1.38438	0.0228992	0.344777	2.90055	2.90055	0.0273659	0.263894	-1.0073	0.992453	0.0242154	0.594748	-1.68789	1.6067	3.82852	2.40253	1
2525298611	GAUNT4	0.257728	0.231998	0.872496	-1.14614	0.356291	1.10876	1.10876	0.0579244	1.26271	1.26271	0.97746	0.996931	-1.00308	0.141637	1.18763	1.18763	0.253304	0.878314	-1.13855	0.918332	1.01122	1.01122	0.597383	0.943652	-1.05971	0.251956	1.13908	1.13908	1.60668	0.301279	0.166681	1
2516512266	SNTG2	0.257733	0.0909314	1.79149	1.79149	0.0194018	5.49391	5.49391	0.51668	1.93977	1.93977	0.882329	1.11157	1.11157	0.622182	1.40681	1.40681	0.434921	1.76637	1.76637	0.414425	0.566284	-1.76637	0.414425	0.566284	-1.76637	0.414425	0.566284	-1.76637	0.414425	0.566284	-1.76637	0.414425	0.566284	-1.76637	0.414425	0.566284	-1.76637	4.4776	2.41	1
2524251971	HIVEP2	0.25774	0.83238	1.0452	1.0452	0.76907	0.924467	-1.06104	0.461911	1.16908	1.16908	0.366445	1.21353	1.21353	0.992382	0.998245	1.00176	0.223039	1.30612	1.30612	0.0742129	0.658262	-1.51915	0.0552571	0.57341	-1.74371	0.279639	1.2642	1.2642	1.60664	2.11705	0.612486	1
2505540408	ITGA9	0.257742	0.261055	0.702364	-1.42376	0.661593	1.14198	1.14198	0.225555	0.681204	-1.46799	0.288175	0.717222	-1.39427	0.0256478	0.449774	-2.22334	0.22896	1.46308	1.46308	0.352756	0.749599	-1.33405	0.922291	0.971018	-1.02985	0.534328	0.827212	-1.20888	1.60663	2.31179	1.27903	1
2514278598	SPIED1	0.257742	0.385822	1.42948	1.42948	0.20556	0.546524	1.04332	0.512931	1.14973	1.14973	0.83958	0.958275	-1.04355	0.0243338	0.440681	-2.26786	0.889972	0.979314	1.02053	0.117938	0.699771	-1.42904	0.111364	1.44004	1.44004	0.0460075	1.61472	1.61472	1.60661	1.12511	0.62249	1
2516224222	JAK3	0.257751	0.423441	1.29533	1.29533	0.98606	0.76069	-1.3146	0.0330489	2.0009	2.0009	0.209234	1.5203	1.5203	0.754976	1.04016	1.01019	0.364283	0.744479	-1.34422	0.64548	0.781794	-1.27911	0.986728	0.994749	-1.00528	0.177474	1.57401	1.57401	1.6066	2.54897	1.41028	1
2510705337	TMEM457	0.257755	0.136544	0.582788	-1.71624	0.1243	0.94417	1.04417	0.153693	1.21603	1.21603	0.414541	0.647633	1.54376	0.0458885	2.278796	-1.58585	0.761642	0.83349	-1.19977	0.288381	0.516924	-1.93452	0.963315	1.56379	1.56379	0.187827	1.0961	1.0961	1.60658	0.911996	0.49249	1
2509176436	CLN8	0.25777	?	?	?	0.941825	1.0129	1.0129	0.116881	0.734687	-1.36112	0.136481	0.748683	-1.33568	?	?	?	?	?	0.22828	0.797766	-1.2535	0.543243	1.11461	1.11461	0.291829	1.21482	1.21482	1.74504	0.540845	0.309933	1
2515254613	ZNF624	0.257772	0.562518	0.858047	-1.16544	0.768873	0.925846	-1.08009	0.0570063	1.75615	1.75615	0.815003	0.940555	-1.0632	0.918175	0.973488	-1.02723	0.837842	0.947828	-1.05504	0.700862	0.903996	-1.1062	0.052563	0.561973	-1.77944	0.177612	1.45444	1.45444	1.60652	1.73959	0.962515	1
2514575272	CCDC40	0.257773	0.842336	1.1332	1.1332	0.697947	1.32521	1.32521	0.142468	1.43043	1.43043	0.160268	1.63891	1.63891	0.0556116	0.604747	1.65355	0.0990559	1.41092	1.41092	0.0273553	0.0744722	13.4267	13.4267	0.0170089	1.49234	0.0923696	0.413837	2.41641	1.65252	1.57375	3.10385	1
2518518109	MUDENG;MUDENG;EXOC5	0.257775	0.233358	1.47479	1.47479	0.880977	1.00744	1.00744	0.130432	1.66175	1.66175	0.189569	1.54042	1.54042	0.132168	1.65737	1.65737	0.78982	1.08661	1.08661	0.020469	2.38294	2.38294	0.274895	1.42364	1.42364	0.272296	1.42659	1.42659	1.60651	2.4598	1.36102	1
2518048975	KI

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
ch.2.46711068	DIS1L2	0.258021	0.125263	0.340717	-2.8843	0.0291813	0.193853	-5.15856	0.124935	0.346346	-2.88729	0.142508	0.365557	-2.73555	0.37717	0.560747	-1.78334	0.605486	0.710739	-1.39463	0.0791763	0.288182	-3.47004	0.370325	0.557777	-1.79283	0.4140211	0.586808	-3.70413	1.60563	10.361	5.73703	1
gi|66614469	MAPK4	0.258027	0.738867	0.935689	-1.06873	0.71518	0.750906	-1.33172	0.1448848	0.732621	-1.36496	0.876696	1.03133	1.03133	0.37274	1.1994	1.1994	0.116399	0.712489	-1.40353	0.1509693	0.74153	-1.34856	0.203359	1.30575	1.30575	0.2770072	0.798828	-1.25183	1.60561	1.0039	0.555772	1
gi|11259628	ZNF134	0.258029	0.588277	1.2132	1.2132	0.6016622	0.8300662	-1.20473	0.743709	0.89047	-1.123	0.804675	0.916114	-1.09157	0.140636	0.570964	-1.75143	0.0159577	0.352272	-2.83871	0.633629	0.8434116	-1.18565	0.7996011	1.09413	1.09413	0.33361	1.42281	1.42281	1.6056	3.17939	1.76017	1
gi|72535889	ACCN1	0.258034	0.0694182	0.176051	-5.68016	0.949581	1.05537	1.05537	0.750476	0.701206	-1.31371	0.177647	0.2873932	-3.4047	0.40943	0.488027	-2.05748	0.435413	0.506341	-1.97405	0.0884992	0.2004162	-4.98847	0.0162117	0.124057	-8.02743	0.1905576	0.3056372	-3.27385	1.60558	18.598	10.2963	1
gi|21767207	PSENEN;U24F14.2;U24F14	0.258034	0.833239	1.03528	1.03528	0.248716	0.21927	1.21927	0.6689969	1.06598	1.06598	0.440917	0.878779	-1.13794	0.983724	1.00336	1.00336	0.325756	1.18157	1.18157	0.14967	0.775701	-1.28916	0.0728434	0.724545	-1.38018	0.1286664	1.30999	1.30999	0.9950158	0.6875115	0.380626	1
gi|25048344	C1QL2	0.258039	0.0472716	20.0904	20.0904	0.2170053	5.56598	1.56598	0.524759	4.94214	4.94214	0.350177	0.2805039	-3.56454	0.318066	3.91197	3.91197	0.444937	2.79902	2.79902	0.66539	1.77735	1.77735	0.914411	1.15269	1.15269	0.0488222	19.5324	19.5324	1.60556	44.424	24.5945	1
gi|26970905	PRAGMIN	0.258039	0.772498	0.931475	-1.07357	0.2740091	1.32146	1.32146	0.549003	1.16007	1.16007	0.971759	1.00871	1.00871	0.88287	0.964543	-1.03676	0.098529	0.641695	-1.55837	0.0861674	1.59088	1.59088	0.146565	1.4646	1.4646	0.2684902	0.754102	-1.32608	1.60556	1.52482	0.844187	1
gi|21902741	MMS19;HMGCS1	0.258041	0.53193	0.73923	-1.35306	0.3408838	0.5059966	-1.67795	0.253385	0.559373	-1.79334	0.517096	1.38134	1.38134	0.116237	0.43212	-2.31417	0.256193	0.558471	-1.7906	0.4417457	0.6800756	-1.47042	0.0615865	2.81493	2.81493	0.4234406	0.6695664	-1.49329	1.60556	6.14227	3.40112	1
gi|56236907	GLI3	0.258041	0.117058	2.33032	2.33032	0.716722	1.1985	1.1985	0.437285	0.674521	-1.48253	0.871211	0.922541	-1.08396	0.0376226	0.66284	-1.50844	0.225747	1.88164	1.88164	0.124135	0.228737	2.28737	0.130851	0.2249333	2.24933	0.1600325	0.21842	2.21842	1.60555	6.27884	3.47618	1
gi|10676603	DAB1;MIR548D2	0.258045	0.222064	0.739831	-1.35166	0.219844	0.738648	-1.35382	0.190326	0.722051	-1.38494	0.8881192	0.6435692	-1.55384	0.974538	0.992534	-1.00752	0.378347	0.808779	-1.23643	0.0760696	1.58964	1.58964	0.63801	0.8947	-1.11769	0.923796	1.02272	1.02272	1.60554	1.40197	0.776186	1
gi|15181706	CACNA2D1	0.258045	0.721192	1.13407	1.10437	0.2038508	0.6145586	-1.2171	0.90621	0.987874	-1.01319	0.8486291	1.05436	1.05436	0.60247	1.07691	1.07691	0.541918	1.18654	1.18654	0.0183961	0.8570789	0.57178	-1.74892	0.0183261	0.8707089	-1.14013	0.8960977	0.9644511	1.03686	1.60554	1.95159	1.08048	1
gi|21402129	MED21	0.258045	0.827465	1.07525	1.07525	0.968134	0.98681	-1.01337	0.44363	0.771361	-1.29641	0.0346997	0.441174	-2.26668	0.0320868	0.434079	-2.30373	0.620501	0.847136	-1.18045	0.86234	1.05938	1.05938	0.157638	1.24432	1.24432	0.990173	1.0041	1.0041	1.60552	2.80903	1.5552	1
gi|12116566	TMS|R158;MIR1256	0.258053	0.166313	0.526739	-1.86311	0.0631907	0.414348	-2.4132	0.7040552	0.96139	-1.17422	0.2533427	0.663917	1.65358	0.1635358	0.392197	0.6910356	-1.4471	0.153251	0.534796	-1.9055	0.2909611	0.15379	-6.50275	0.167656	0.6768844	-1.47736	0.6369995	0.8184602	-1.22189	1.60552	4.51953	2.50222	1
gi|70449646	RBM25	0.258051	0.7943808	0.926434	-1.07941	0.317768	0.7393333	-1.35257	0.3133936	0.604754	-1.65357	0.989648	0.996213	-1.0038	0.942909	0.979272	-1.02117	0.361796	1.3154	1.3154	0.0425235	0.459225	-2.17758	0.279112	0.719579	-1.3897	0.5116	1.21493	1.21493	1.60552	2.17478	1.20406	1
gi|16523645	ITPK1;ITPK1-ITPK1	0.258058	0.343586	1.76229	1.76229	0.126174	0.261416	2.61416	0.45798	1.55102	1.55102	0.369422	1.70802	1.70802	0.15064	1.41497	1.41497	0.0887121	2.97573	2.97573	0.0204311	5.06598	5.06598	0.152906	2.39686	2.39686	0.2221188	2.10659	2.10659	1.60549	8.57592	4.7481	1
gi|24177775	PPP2R5A	0.258064	0.3009393	1.64353	1.64353	0.370943	1.9059	1.9059	0.1308558	1.540988	1.540988	0.0877431	1.82155	1.82155	0.479372	1.47466	1.47466	0.138767	3.10684	3.10684	0.0655568	1.36254	1.36254	0.0162213	8.00905	8.00905	0.22465	2.47765	2.47765	1.60547	7.1282	7.12398	1
gi|21648069	ERC1;ERC1;ERC1;ERC1;ERC1	0.258067	0.0705566	0.0778525	-12.8448	0.5160254	0.435241	-2.29758	0.857643	0.797065	-1.2546	0.226443	0.201012	-4.97482	0.0284202	0.0381014	-26.2458	0.107607	0.108799	-9.19125	0.179493	0.1651158	-6.05629	0.489555	0.411993	-2.42723	0.235584	0.207092	-4.80787	1.60546	40.5763	22.4657	1
gi|60127607	MYPN	0.258072	0.7940	0.788078	-1.26891	0.012654	0.076728	-13.0331	0.6650423	0.139923	-5.55794	0.734165	0.75411	-1.32607	0.901681	1.00774	1.00774	0.797756	0.80847	1.2369	0.6578651	0.6910408	-1.44632	0.587536	0.6334436	-1.57372	0.8386051	1.183045	1.18395	1.60544	4.1706	0.650805	1
gi|33137551	TGFB1	0.258074	0.551425	0.8525	-1.17302	0.284677	0.7212101	-1.38658	0.574293	0.86219	-1.16219	0.845319	0.9495801	-1.05309	0.8063538	0.9370301	1.0672	0.272928	1.3528	1.3528	0.0281742	0.5093731	-1.98661	0.1134467	0.6637221	-1.57798	0.765444	1.082486	1.08246	1.60544	1.7832	0.987311	1
gi|49418623	AR	0.258077	0.237855	0.356637	-2.80397	0.712328	0.734306	-1.36183	0.471824	0.543191	-1.84097	0.1743	0.33691	0.33691	0.898604	1.11216	1.11216	0.12171	0.246853	-4.051	0.288946	0.3993551	-2.50407	0.927823	1.07848	1.07848	0.0731684	5.29246	5.29246	1.60543	17.6798	9.78803	1
gi|9569526	SGCD;SGCD;SGCD	0.258079	0.681935	0.851936	-1.1738	0.604071	0.855784	-1.1685	0.831071	1.09766	1.09766	0.254078	1.58005	1.58005	0.502043	0.790454	-1.26505	0.098248	0.49403	-2.02417	0.0228016	0.366295	-2.73004	0.349049	0.6039334	-1.51991	0.5959334	1.233135	1.23135	1.60542	3.8451	2.12895	1
gi|18654622	LOC728190	0.258079	0.782863	0.867388	-1.15289	0.149211	0.450901	-2.21778	0.316607	0.586738	-1.70434	0.348348	0.6604478	-1.51435	0.0129373	0.430044	-2.32535	0.213712	0.509534	-1.96258	0.0237045	0.245474	-4.07375	0.598942	1.3143	1.3143	0.2730119	0.555716	-1.79948	1.60542	6.74329	3.73363	1
gi|89320968	KCP;KCP	0.258082	0.3545518	0.709539	-1.40913	0.1384919	0.617372	-1.61939	0.2615842	0.4755	-2.10274	0.1244548	0.2770464	-3.60988	0.0178436	0.318479	-3.14007	0.1288478	0.284478	-3.51497	0.0119004	0.1711077	-5.84241	0.0178436	0.1706	-5.86209	0.0170412	-4.00234	0.2048805	1.38299	1.38299	0.854261	1.61996	0.2803	0.83457	1.60543	0.8318402	1.12355	1
gi|19757253	TTC27	0.258083	0.823585	1.06218	1.06218	1.270115	1.56182	1.56182	0.296773	1.33942	1.33942	0.776956	1.07975	1.07975	0.270682	0.733584	-1.36317	0.108394	0.623052	-1.605	0.0982273	0.6126611	-1.63222	0.570182	1.16767	1.16767	0.58285	1.860842	-1.16165	1.6054	1.85556	1.0274	1
gi|60477275	ABCB9;ABCB9;ABCB9	0.258084	0.730447	1.21667	1.21667	0.0252225	4.52258	4.52258	0.617683	1.33022	1.33022	0.481241	0.6663346	-1.50072	0.4389944	1.56453	1.56453	0.17583	2.26186	2.26186	0.283678	1.880559	1.880559	0.726868	1.22	1.22	0.217199	0.478925	-2.08801	1.6054	8.17541	4.52661	1
gi|11112914	PIP5I1	0.258084	0.719331	1.2244	1.2244	0.3564	0.6618272	0.94922	-1.18554	0.1962463	0.706209	-1.41617	0.1962463	0.706209	0.0105058	0.78551	-1.27332	0.458064	0.624643	-1.60206	0.0470762	0.2107878	2.10778	0.474721	0.6572125	1.63688	0.691798	1.10673	1.10673	1.60548	1.64718	0.912021	1
gi|20264284	HPRT1	0.258085	0.0511949	0.124157	-8.05429	0.5969769	1.64457	1.64457	?	?	?	?	?	1.133301	4.57934	4.57934	0.851776	0.838839	-1.19214	0.140213	0.225152	-4.44144	0.722743	0.7315544	-1.39754	0.894657	1.13255	1.13255	0.5007884	1.9004	1.9004	1.60926	19.9995	12.4278	1
ch.21.40886	ITSN1;ITSN1	0.258086	0.192993	0.781116	-1.27973	0.3116	0.1017585	-9.82356	0.00997317	0.571893	-1.74858	0.816572	0.90471	-1.10577	0.678728	0.9309064	-1.07415	0.99144	1.00184	1.00184	0.9677614	0.95041	-1.05218	0.8009867	0.9956125	0.9958257	0.9952825	0.9958257	1.0047	1.00473	1.60549	0.749861	0.0415389	1
gi|22905571	NUBP1	0.258087	0.834106	0.897981	-1.11361	0.150664	0.4705867	-2.18309	0.226743	0.521432	-1.91779	0.884308	1.07757	1.07757	0.243658	0.534778	-1.86994	0.018435	3.230649	3.230649	0.0139	4.3356	0.644969	0.9661228	1.03507	1.03507	0.2178262	0.514225	-1.94467	0.165492	0.468162	2.13601	0.165039	0.693442	3.70608	1
gi|30816593	BCL2L1;BCL2L1	0.258092	0.0212291	1.52525	1.52525	0.461334	0.8919985	-1.12109	0.901839	0.981369	-1.01899	0.8814816	1.34222	1.34222	0.224736	1.21454	1.21454	0.394384	1.14221	1.14221	0.80469	1.03849	1.03849	0.965685	0.993464	-1.00658	0.8623119	1.02681	1.02681	1.60537	0.5906485	0.32706	1
gi|48192987	ZEB2;ZEB2	0.258092	0.2999913	1.51355	1.51355	0.4643525	1.16241	1.16241	0.3224233	1.14085	1.14085	0.2134457	1.2409	1.2409	0.1771864	1.14221	1.14221	0.156027	2.22804	2.22804	0.0494747	1.437824	1.437824	0.3945857	1.45206	1.45206	0.1283048	1.95917	1.95917	1.60537	5.924888	5.12107	1
gi|14818154	ANTXR2	0.258104	0.162373	0.316087	-3.16368	0.1679336	0.321517	-3.11026	0.853493	0.86699	-1.15342	0.472443	0.56876	-1.75821	0.0542498	0.185138	-5.40139	0.16385	0.317536	-3.14925	0.0347155	0.149446	-6.69139	0.800554	0.8224457	-1.21587	0.993365	1.00644	1.00644	0.55333	15.158	8.39318	1
gi|67226281	MAPK8IP3;MAPK8IP3	0.258105	0.1939955	0.588422	-1.69932	0.1628227	0.3802204	-2.62954	0.31432	0.5163	-1.93706	0.1660525	0.3016631	-3.31453	0.1233134	0.2974	-3.36281	0.1586005	0.4133	-2.41933	0.1342	0.2481516	-4.03133	0.2625	-3.80944	0.1788674	-3.11808	0.0910268	0.7597007	1.60532	0.548632	0.188811	1
gi|20471076	KCNA6	0.258107	0.472662	0.863	-1.15875	0.0633962	1.52361	1.52361	0.511585	0.874341	-1.14372	0.329961	1.2248	1.2248	0.853007	0.963278	1.03812	0.834517	1.0431	1.0431	0.325736	1.22713	1.22713	0.302316	1.8061071	-1.24053	0.0851332	0.681154	-1.4681	1.60532	1.03446	0.572793	1
gi|60598816	ICA1;ICA1;ICA1	0.258116	0.0903461	1.51111	1.51111	0.799065	1.05805	1.05805	0.225971	0.754828	-1.3248	0.459525	0.83877	-1.19222	0.210735	0.746977	-1.33873	0.658368	1.10345	1.10345	0.484486	1.52524	1.52524	0.744006	0.9300079	-1.07518	0.4028809	0.827457	-1.20852	1.60528	1.24413	0.68891	1
gi|63118804	ZGRF1;DDX47	0.258121	0.0991614	1.2212	1.2212	0.1384919	0.6617247	1.31949	-1.10947	0.6585058	1.08551	-1.08551	1.3292	1.3292	0.1886424	1.28478	1.28478	0.1289741	1.98228	1.98228	0.0469032	1.91991	1.91991	0.0227	1.88754	1.88754	0.1229896	1.98299	1.98299	1.60541	3.19611	1.93565	1
gi|69157144	C3orf1;C3orf1	0.258126	0.620326	0.919327	-1.08775	0.929684	0.985244	-1.01498	0.9946859	1.36258	1.36258	0.721747	0.941547	-1.06208	?	?	?	0.550544	0.903274	-1.10708	0.0367473	0.66452	-1.50485	0.90483	0.980055	-1.02035	0.342814	1.17894	1.17894	1.60911	0.6426886	0.399405	1
gi|25991937	RNF44	0.258127	0.0610134	1.30252	-1.33056	0.2009706	0.509196	-1.96169	0.6449706	0.770958	-1.60118	0.631673	0.815152	1.45263	0.642585	1.30297	1.30297	0.749573	1.1983	1.19883	0.2318438	1.696882	-1.01255	0.2970956	0.564164	-1.84446	0.8604418	0.905192	1.14048	1.60525	8.15217	4.51418	1
gi|69943560	f15ft;C14orf159;C14orf159	0.258128	0.357272	0.706144	-1.41614	0.206082	1.63257	-1.63257	0.5558203	2.21723	2.21723	0.695493	2.22021	2.22021	0.755652	1.12156	1.12156	0.352839	1.42097	1.42097	0.472146	0.764322	-1.30835	0.3078781	1.39355	1.39354	0.786668	1.10483	1.10483	1.60524	3.42462	1.90134	1
gi|20507740	LYZL2	0.258128	0.0695668	0.632582	-1.58084	0.374747	0.4725555	-2.11616	0.794281	-1.259	0.2262884	0.725281	-1.37878	0.870964	0.962456	-1.03901	0.1223332	0.504879	-1.5237	0.51406	0.845956	-1.18209	0.6081507	0.597179	-1.67454	0.814294	0.94225	-1.06129	0.0356371	0.538898	-1.85564	1.60524	1.62483	0.899736	1
gi|11609824	CHD5	0.258133	0.349191	0.731757	-1.36657	0.0440927	0.4725555	-2.11616	0.27774	0.693651	-1.44165	0.394333	1.32675	1.32675	0.965815	1.01271	1.01271	0.652477	0.86338	-1.15824	0.0617242	0.50566	-1.97761	0.7863083	0.897175	-1.11461	0.377039	1.34145	1.34145	1.60523	2.66985	1.47842	1
gi|14494702	MAP3K8	0.258144	0.0454481	1.25465	1.25465	0.2660263	1.31649	1.31649	0.3863163	1.04159	1.04159	0.6641609	1.24692	1.24692	0.1708	1.21964	1.21964	0.0924021	1.93402	1.93402	0.1706042	1.400329	1.400329	0.2364344	1.11641	1.11641	0.4579343	0.65656	-1.52309	1.60522	1.72307	1.06211	1
gi|27497781	CHIA;CHIA	0.258144	0.0752535	0.321292	-3.11243	0.547913	0.705709	-1.41701	0.868601	1.09956	1.09956	0.328832	0.561182	-1.78195	0.109866	0.368236	-2.71565	0.188109	0.44956	-2.2244	0.0423186	0.2616961	-3.82123	0.1381027	0.4004015	-2.49741	0.995566	1.00319	1.00319	1.60518	8.35359	4.6259	1
gi|18331196	RAF1	0.258145	0.122655	0.790636	-1.26501	0.2308	0.8174177	1.27447	0.3893573	1.42671	-1.42671	0.973611	0.995154	-1.00483	0.471289	0.865757	-1.15506	0.947812	0.987206	-1.0129	0.9705	0.9981534	-1.00195	0.9999	1.00356	1.00356	0.2754489	0.791316	-1.26372	0.90818	0.978035	0.544754	1
gi|13336720	KSR1	0.258146	0.8452889	0.918171	-1.13235	0.0188963	0.163963	0.89792	-1.11407	0.5549794	1.80892	0.367193	0.7248	1.38009	0.0167	1.36519	0.331961	0.5549794	1.80892	0.367193	0.7248	1.38009	0.0167	1.36519	0.331961	0.5549794	1.80892	0.367193	0.7248	1.38009	0.0167	1.36519	0.331961	0.5549794	-1.87247	0.8274193	1.25298	1.25297	0.150818	10.2809	5.6932	1
gi|24378470	WDR16;STX8;WDR16	0.258148	0.428232	0.882324	-1.13337	0.970359	1.00577	1.00577	0.179055	0.801758	-1.24726	0.13114	0.77701	-1.28698	0.930708	1.01355	1.01355	0.639838	0.929646	-1.07568	0.0168099	0.636598	-1.57085	0.171944	0.79845	-1.25243	0.285863	0.842339	-1.18717	1.60517	0.6091446	0.337324	1
gi|26269339	SLC12A5	0.258159	0.9718725	0.971572	-1.02913	0.715355	0.8454025	1.18342	0.2374457	1.14857	-1.1485	0.312463	0.9563743	-1.03762	0.3045	1.10485	1.10485	0.323934	1.08121	1.0894	0.1782869	0.8582041	-1.17365	0.7964	0.8582041	-1.17365	0.7964	0.8582041	-1.17365	0.7964

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18093277	GABBR1;GABBR1;GABBR1	0.25844	0.483102	1.74081	-1.34987	1.649574	1.23227	1.21227	0.03338568	2.83646	2.83646	0.4610881	1.36645	1.36645	0.398227	1.694894	-1.43907	0.7318003	0.805213	-1.15578	0.1887 89	0.556589	-1.78666	0.1786 98	0.5548132	-1.62438	0.9293135	1.03803	1.03803	1.60412	4.49033	2.4932	1
cg21726372	PITX2;PITX2;PITX2	0.258441	0.988857	0.991303	-1.00877	0.0393162	0.225074	-4.44299	0.0323769	0.208687	-4.79187	0.1159997	0.343528	-2.91097	0.253829	0.47458	-2.10713	0.5691194	0.69779	-1.4331	0.4987 68	0.650838	-1.53648	0.3549 33	0.5514446	-1.81342	0.791255	0.948052	-1.17855	1.60412	9.93873	5.50735	1
cg14702007	SNHG8;SNORA24	0.258442	0.217115	0.611584	-1.6351	0.296838	1.50614	1.50614	0.06581668	0.457668	-2.18499	0.858194	0.934523	-1.07006	0.0351421	0.394848	-2.53262	0.916764	1.04038	1.04038	0.454863	0.740591	-1.33406	0.9277 33	1.03495	1.03495	0.8387 55	1.05442	1.05442	1.60411	3.64239	2.01836	1
cg07701191	MIR4;A	0.258443	0.358307	1.69967	1.61967	0.153172	0.421303	-2.37559	0.413016	1.59925	1.59925	0.2211023	0.264423	2.00423	0.391929	0.6112264	-1.636	?	?	?	0.205477	0.470927	-2.12347	0.3652	1.68594	0.1589 79	0.150679	0.45764	-2.18512	1.66247	7.16319	3.77016	1
cg07262659	DIP2C	0.258452	0.141644	1.87356	1.87356	0.38158	1.42836	1.42836	0.46653	1.34228	1.34228	0.0613398	2.31059	2.31059	0.849216	0.927173	-1.07855	0.937525	0.969337	-1.03163	0.4523 23	1.35552	1.35552	0.6640532	2.28601	2.28601	0.0588801	2.33309	2.33309	1.60408	4.00978	2.22199	1
cg04237608	IGSF21	0.258463	0.218724	0.642889	-1.55548	0.634875	0.849272	-1.17748	0.8859959	0.527743	-1.89486	0.145752	0.586609	-1.70471	0.19491	0.626103	-1.59718	0.924434	0.968119	-1.03293	0.5791 89	1.20184	1.20184	0.2223 82	1.54952	1.54952	0.1180 27	0.560098	1.7854	1.60408	2.96305	1.64195	1
cg19363970	TBC1D4	0.258453	0.429967	1.14034	1.14034	0.340782	1.17354	1.17354	0.74813	1.05392	1.05392	0.4088553	1.14763	1.14763	0.437104	0.878778	-1.13794	0.8616177	1.36972	1.36972	0.0238856	1.55178	1.55178	0.1682 57	1.27043	1.27043	0.561603	1.1004	1.1004	1.60407	0.6750885	0.374095	1
cg07383535	SOX30;SOX30	0.258456	0.620058	0.867074	-1.1533	0.693323	0.893047	-1.11976	0.0448703	1.92912	1.92912	0.704951	1.11468	1.11468	0.663976	1.81152	1.81152	0.191792	1.48344	1.48344	0.162081	1.53118	1.53118	0.677554	0.887508	-1.12675	0.537684	1.19495	1.60406	2.06926	1.14668	1
cg19073614	TBC1D17;AKT1S1;AKT1S1;AKT1S1;TBC1	0.258459	0.137265	1.36299	1.36299	0.0922748	1.43121	1.43121	0.679739	1.08363	1.08363	0.0430138	1.56914	1.56914	0.1774 95	1.31955	1.31955	0.827383	0.958627	-1.04316	0.4083 55	0.849064	-1.17777	0.44488	1.16263	1.16263	0.3081 74	1.2264	1.2264	1.60405	0.9510 24	0.527012	1
cg22934380	C1orf23;C1orf23;C1orf23	0.25846	0.996757	1.00067	1.00067	0.014565	1.13512	1.13512	0.155658	1.29669	1.29669	0.448899	1.06617	1.06617	0.19652	1.337955	1.33795	0.35788	1.15447	1.15447	0.109113	1.39183	1.39183	0.76687	-1.304	0.3436 01	1.20364	1.20364	0.0553919	1.3913	1.3913	1.60405	0.5863664	0.324935	1
cg25062802	TBC1D9	0.258463	0.432545	0.788136	-1.26828	0.309871	1.36665	1.36665	0.0669559	0.54312	-1.84121	0.400033	0.774082	-1.29185	0.1146 05	0.600445	-1.66543	0.103768	0.58931	-1.6969	0.9508 24	0.908134	0.98183	-1.0185	0.7113 93	1.1168	1.1168	0.160233	0.640207	-1.562	1.60404	2.2447	1.24391	1
cg19364121	C6orf42	0.258463	0.604984	0.127383	-8.07868	0.801152	1.13351	1.13351	0.1992357	0.433645	-2.41753	0.13649	0.425768	-2.42768	0.311265	2.8755	2.8755	0.103672	0.208198	4.80312	0.3368 62	0.368451	-2.71399	0.5664 14	1.79377	1.79377	0.5393 74	1.871 07	1.871 07	1.60404	25.8243	14.3317	1
cg27094856	AKI_AKL	0.258465	0.650872	0.863842	-1.15762	0.31228	1.39907	1.39907	0.1418918	1.33644	1.33644	0.4874426	0.8719	-1.14692	0.488 83	0.797792	-1.25346	0.137916	0.598552	-1.6707	0.2741 68	0.693807	-1.44132	0.4553 21	1.27672	1.27672	0.0497261	2.0527	2.0527	1.60403	2.6221	1.45306	1
cg25616762	CLPTM1L	0.258466	0.457831	0.830643	-1.20389	0.540496	1.16425	1.16425	0.102288	1.51225	1.51225	0.721999	1.09164	1.09164	0.2772 38	1.31962	1.31962	0.193427	0.713369	-1.4018	0.0889 65	1.58473	1.58473	0.429541	0.820435	-1.21887	0.195338	1.39955	1.39955	1.60403	1.5303	0.848029	1
cg02048875	SLC38A10;SLC38A10	0.258468	0.34052	2.946485	-1.82987	0.978269	1.0169	1.0169	0.7338845	0.837584	-1.19391	0.130753	0.366471	-2.72873	0.0154272	0.506665	-2.22409	0.132425	0.368315	-2.71507	0.2945 37	0.51233	-1.95187	0.8759 43	0.9083 68	-1.10088	0.30551	0.526638	1.02072	1.60402	0.61356	0.32748	1
cg23444338	URBA	0.258474	0.0537483	0.425189	-2.3519	0.39862	0.713588	-1.40137	0.343923	0.683386	-1.4633	0.571676	0.799973	-1.25004	0.0371454	0.388742	-2.5724	0.913263	1.04346	1.04346	0.271051	0.639259	-1.56431	0.5721 07	1.24972	1.24972	0.147044	0.544633	-1.8361	1.604	3.87345	2.14655	1
cg13771797	INCA1;INCA1;KIF1C;INCA1;INCA1	0.258478	0.0583434	0.707669	-1.41433	0.738112	0.947075	-1.05588	0.3137094	1.18248	1.18248	0.355266	0.8573 88	-1.16661	0.0249455	0.691081	-1.44701	0.301274	0.840669	-1.18953	0.4603 27	1.12805	1.12805	0.902954	1.02015	1.02015	0.652125	0.9291	-1.07631	1.60399	0.6670586	0.369682	1
cg03741653	BMP1;BMP1;BMP1	0.258478	0.99539	1.00127	1.00127	0.440743	1.18899	1.18899	0.193922	0.738538	-1.35403	0.194339	1.4308	1.4308	0.422152	1.19786	1.19786	0.253408	0.769028	-1.30034	0.1110 03	1.46564	1.46564	0.76373	1.06863	1.06863	0.188589	0.729861	1.35985	1.60399	1.33154	0.682488	1
cg16908782	SOCS4;SOCS4;SOCS4;SOCS4;WDHD1;W DHD1	0.2588	0.295808	1.30383	1.30383	0.263856	1.3298	1.3298	0.214437	1.37692	1.37692	0.119627	1.51174	1.51174	?	?	?	0.0646079	1.6616	1.6616	0.273987	0.756862	-1.32125	0.7864 05	0.93569	-1.06873	0.367662	1.25415	1.25415	1.60781	1.35559	0.843129	1
cg17151167	RIT1;RIT1	0.258482	0.535921	0.864795	-1.15634	0.737791	1.08098	1.08098	0.572128	0.876085	-1.14144	0.0214278	0.52703	-1.89743	0.875768	0.964393	-1.03692	0.544307	0.867436	-1.15282	0.8503 06	1.04076	1.04076	0.555099	1.14836	1.14836	0.105396	1.50679	1.50679	1.60397	1.36428	0.756056	1
cg06871663	ABT1	0.258492	0.263084	0.815336	-1.22596	0.490286	0.668568	0.668568	0.0355009	0.641854	0.641854	0.0209009	0.64171	0.64171	0.0266 78	0.867387	-1.15258	0.655338	1.08178	1.08178	0.1731 35	1.03135	1.03135	0.5547 26	0.8940 93	1.12174	1.12174	0.108375	1.35862	1.60393	0.7777 73	0.431036	1
cg02043895	SIK1	0.258496	0.760066	0.914075	-1.094	0.790839	0.924996	-1.08109	0.0698701	0.551816	-1.8122	0.256183	0.706354	-1.41572	0.84458	1.05926	1.05926	0.258409	0.707601	-1.41323	0.0426303	1.98298	1.98298	0.992975	0.997421	-1.00259	0.900508	0.96398	-1.03737	1.60392	2.18535	1.21112	1
cg04558158	NPEPL1	0.258496	0.0723512	0.212223	-4.71203	0.677155	0.780081	-1.28192	0.514207	0.675456	-1.48408	0.741278	0.654611	-1.52762	0.0341051	0.530161	-1.88641	0.365114	0.575807	-1.73669	0.2320 46	0.475468	-2.10319	0.3917 53	0.59424	-1.68282	0.168003	0.418308	-2.39058	1.60392	8.93763	4.95321	1
cg04134965	PARVB;PARVB	0.258498	0.512384	1.95187	-1.15404	0.945503	0.928156	1.21816	0.1164702	0.642042	0.6649	-1.50459	0.607492	-1.64615	0.0167991	0.445927	-2.24255	0.0220505	0.275134	3.63509	0.0027 91	0.187805	5.32477	0.0001 55	0.1440502	6.94229	0.0007 92	0.0139	7.19425	1.60391	30.9408	16.1556	1
cg06439736	JAKMIP3	0.258499	0.713026	0.920325	-1.08657	0.163363	1.39958	1.39958	0.0509442	1.64829	1.64829	0.287203	0.780066	-1.28194	0.530889	1.15335	1.15335	0.232357	1.32512	1.32512	0.0778719	1.5533	1.5533	0.916489	1.02385	1.02385	0.494102	1.1691	1.16891	1.60391	1.28324	0.71117	1
cg26985469	TEF;TEF	0.258509	0.530233	1.66955	1.66955	0.0767448	0.199836	-5.0041	0.950755	0.951486	-1.05099	?	?	?	0.0861264	0.212337	-4.70949	0.301901	2.37539	2.37539	0.09638	1.37127	0.582335	1.56451	1.56451	0.282167	1.24761	1.47061	1.66222	1.44.2881	7.80555	1
cg13336335	RNF170;RNF170;RNF170;RNF170;RNF1 70;RNF170;HOOK3;RNF170;RNF170;RN F170;RNF170	0.258511	0.79671	1.07051	1.07051	0.106761	1.59171	1.59171	0.284108	1.34139	1.34139	0.668505	1.12041	1.12041	0.951266	1.01626	1.01626	0.942718	0.981211	-1.01915	0.0555396	0.563992	-1.77308	0.8389 38	1.05519	1.05519	0.088925	1.64086	1.64086	1.60387	1.76968	0.980788	1
cg05718015	HIVEP3;HIVEP3	0.258512	0.847833	0.951284	-1.05121	0.162881	1.47295	1.47295	0.0785018	1.66211	1.66211	0.874536	1.04194	1.04194	0.482409	1.20395	1.20395	0.21676	1.402	1.402	0.0726939	1.69288	1.69288	0.463828	0.823783	-1.21391	0.310458	0.761212	-1.31369	1.60386	1.71691	0.95154	1
cg16176504	CCDC39	0.258513	0.490539	1.08225	1.08225	0.339332	0.858703	0.858703	0.0855894	0.84321	0.84321	0.0460569	0.702 61	0.702 61	0.0304704	1.42306	1.42306	0.553538	1.08178	1.08178	0.1731 45	1.03135	1.03135	0.5547 26	0.8940 93	1.12174	1.12174	0.108375	1.35862	1.60386	0.7777 73	0.431036	1
cg01701837	PNPLA7;PNPLA7	0.258513	0.778098	1.18645	1.18645	0.0216414	1.34318	1.34318	0.0322379	1.45097	1.45097	0.678854	1.2879	1.2879	0.758981	1.20565	1.20565	0.465779	1.57001	1.57001	0.342913	1.81086	1.81086	0.762907	1.20185	1.20185	0.863448	0.900673	-1.11028	1.60386	1.38532	5.19925	1
cg25794830	C21orf62	0.258515	0.912858	1.03881	1.03881	0.0216323	0.983154	-2.60992	0.244386	0.65467	-1.52749	0.444732	0.762613	-1.33128	0.0527865	0.464983	-2.15062	0.426736	0.754055	-1.32616	0.4848 64	0.781214	-1.28006	0.3160 91	0.697294	-1.43412	0.197884	0.622874	-1.60546	1.60385	3.07358	1.70344	1
cg23564442	PACS2;PACS2	0.258516	0.35339	1.89772	-1.15143	0.0609753	0.604173	1.62073	0.0435267	2.42121	2.42121	0.185467	0.7009	-1.42677	0.0135262	0.413228	-2.41966	0.115288	0.52528	1.90354	0.0003 66	0.189417	5.27443	0.0001 55	0.1440502	6.94229	0.0007 92	0.0139	7.19425	1.60385	30.9408	16.1556	1
cg04398060	T1	0.258518	0.346843	0.76057	-1.3148	0.0731211	0.568542	-1.75889	0.0622797	0.55271	-1.80927	0.362914	0.767827	-1.30238	0.0724941	0.567679	-1.76156	0.206792	0.686484	-1.4567	0.6044544	0.556055	-1.79838	0.4569 99	0.80734	-1.23864	0.384907	0.777486	-1.2862	1.60384	2.0276	1.12375	1
cg05176964	RRP7A	0.258519	0.51027	1.23319	1.23319	0.62524	1.16707	1.16707	0.106596	1.73843	1.73843	0.216496	1.50405	1.50405	0.0327145	0.456475	-2.1907	0.571514	1.19656	1.19656	0.817379	1.07529	1.07529	0.904297	0.962953	-1.03847	0.427628	1.28941	1.28941	1.60384	2.50197	1.38666	1
cg20752818	SLC46A3;SLC46A3	0.258521	0.241189	0.769484	-1.29957	0.0975936	1.47435	1.47435	0.49685	0.863005	-1.15874	0.771433	0.939684	-1.06419	0.893812	1.02893	1.02893	0.517362	1.15049	1.15049	0.1556	1.72288	1.72288	-1.38335	0.0592928	0.634612	-1.57577	0.547918	0.878215	-1.13867	1.60383	1.15866	0.642164	1
cg26779305	MAP24;MIR744	0.258523	0.709676	1.09225	1.09225	0.172057	1.28484	1.28484	0.0139294	1.48452	1.48452	0.0564144	0.72363	1.38434	0.0158009	0.572615	-1.74635	0.867617	0.970095	-1.03097	0.5638 08	0.972557	1.02788	-1.09103	0.9516 27	1.04502	1.04502	0.326066	0.947626	2.09115	1.60383	1.38364	7.41915	1
cg14447561	KCNB1	0.258526	0.963842	0.977183	-1.02335	0.116658	2.38204	2.38204	0.402677	1.5466	1.5466	0.719916	0.832494	-1.20215	0.0153103	0.458874	-2.17925	0.860721	0.914643	-1.09354	0.0390007	0.298394	-3.35127	0.4893 55	1.42986	1.42986	0.959114	1.02645	1.02645	1.60381	6.58488	3.64957	1
cg26278457	ZP3;SNCB4D	0.258527	0.995084	1.00492	1.00492	0.0178678	1.24163	1.24163	0.0140972	0.801492	-1.24615	0.4025 55	0.802015	-1.24615	0.0250555	0.537149	-1.86139	0.626705	0.727514	-1.37469	0.4378 07	0.572134	-1.74763	0.4455 44	1.53894	1.53894	0.1083 22	1.00324	1.00324	1.60364	0.513758	0.88054	1
cg03608093	DEAF1	0.258527	0.610752	1.39487	1.39487	0.179273	0.52156	2.52156	0.0155564	6.84551	6.84551	0.4660559	1.61754	1.61754	0.3914 87	0.565974	-1.76687	0.727789	1.25426	1.25426	0.686552	0.768734	-1.30084	0.4690 19	1.61222	1.61222	0.592727	0.704659	-1.41913	1.60381	10.6764	5.91728	1
cg25175198	ZNF622;ZNF682	0.258528	0.395567	0.882355	-1.16247	0.169979	0.776537	-1.28777	0.0155667	1.05667	1.05667	0.1956846	1.09597	1.09597	0.1911 03	0.529186	-1.88955	0.802347	1.19884	1.19884	0.1177313	1.3415	1.3415	0.1396 76	0.93237	-1.07283	0.614	0.82144	1.02144	1.60381	0.760505	0.41251	1
cg19355913	TSNARE1	0.258531	0.887297	0.937077	-1.02767	0.721253	1.07138	1.07138	0.749969	0.940321	1.07138	0.749969	0.940321	-1.06347	0.7949 88	0.939109	-1.06479	0.930121	1.1847	1.1847	0.0224401	1.69571	1.69571	0.1145 46	0.7309 65	-1.36805	0.659166	0.922272	1.08428	1.60379	0.9854 85	0.521461	1
cg02362467	RIMS2	0.258533	0.225878	0.630858	-1.58514	0.167247	0.586659	-1.70457	0.0735979	2.05962	2.05962	0.720326	1.13909	1.13909	0.563719	0.809429	-1.23544	0.654185	1.17743	1.17743	0.2112 23	0.621349	-1.6094	0.7903 35	1.10134	1.10134	0.185427	1.66307	1.66307	1.60379	3.33294	1.84726	1
cg25101337	DHX33	0.258536	0.510577	0.849911	-1.15887	0.0409049	1.15566	1.15566	0.1453449	1.46695	1.46695	0.738605	1.08654	1.08654	0.2573888	0.746324	-1.33991	0.768673	0.929154	-1.07563	0.4194089	1.0574	1.0574	0.4194089	1.25184	1.25184	0.528746	0.853709	-1.17136	1.60378	1.16504	0.364704	1
cg03098356	ZNF292	0.258539	0.761191	1.12173	1.12173	0.686419	1.16527	1.16527	0.409415	1.3743	1.3743	0.775917	1.11355	1.11355	0.0163812	0.330975	-3.02137	0.390624	1.7184	1.7184	-1.39307	0.907031	1.04501	1.04501	0.327642	0.683311	-1.46346	0.21505	0.611507	-1.6353	1.60377	3.60746	1.99944	1
cg00078394	MMP12	0.258539	0.0885584	0.442049	-2.2701	0.0728314	0.417582	-2.39474	0.688434	0.837094	-1.19345	0.395726	0.684351	-1.46158	0.1144235	0.472729	-2.1151	0.479058	0.729391	-1.37101	0.0432022	0.362453	-2.75894	0.1774 82	0.4773 29	0.565364	-1.76782	0.218898	0.56259	-1.77749	1.60377	4.13024	2.48459	1
cg10188284	SYNE2;SYNE2	0.258545	0.200685	0.745893	-1.34067	0.847675	1.0426	1.0426	0.532119	0.87714	-1.14713	0.948803	1.29886	1.29886	0.027355	0.567649	-1.76165	0.754427	0.934198	-1.07044	0.658238	1.10138	1.10138	0.243623	0.790487	-1.30295	0.224672	0.7602	-1.31544	1.60376	1.19513	0.662401	1
cg18090970	GAUNTL4	0.25854	0.126746	0.330344	-3.02714	0.234015	2.30851	2.30851	0.169131	2.66927	2.66927	0.743891	0.802654	-1.24587	0.0374548	0.198077	-5.04853	0.815345	0.854814	-1.16984	0.84237	0.876421	-1.141	0.93788	0.949075	-1.05366	0.782958	0.830966	-1.20342	1.60376	1.14214	0.63033	1
cg21435530	KCNK9	0.25854	0.338267	1.95992	-1.11207	0.0124	1.24128	1.24128	0.0256828	1.65842	1.65842	0.1454241	0.777	1.28655	0.0140476	0.5771	-1.73291	0.456511	0.607	-1.64706	0.0475102	0.455399	-2.19019	0.2298	1.90567	-1.05107	0.949133	0.805579	-1.2398	1.60376	4.42201	2.34278	1
cg23161318	C10orf50	0.258544	0.286213	2.59979	2.59979	0.279412	0.379049	-2.63818	0.656076	0.679317	-1.47207	0.0361583	0.122232	-8.18116	0.445047	1.95738	1.95738	0.120113	0.428256	2.88256	0.980778	0.979431	-1.021	0.976082	1.0262	1.0262	0.687659	0.705642	-1.41715	1.60375	18.9024	10.4768	1
cg08864819	DCPS	0.258545	0.097853	0.532678	-1.91322	0.895331	1.04615	1.04615	0.235557	0.64145	-1.55897	0.323685	0.694786	-1.43929	0.0240553	0.382351	-2.6154	0.212593	0.62562	-1.5984	0.4790402	0.773282	-1.29319	0.7748 58	0.87174	-1.405	0.109845	0.53202	-1.87963	1.60375	3.24183	1.79681	1
cg06044105	FAM160B2	0.258559	0.140719	0.253509	-3.94464	0.326857	2.40284	2.40284	0.402477	2.07629	2.07629	0.267701	0.367064	-2.72432	0.263461	0.364355	-2.74458	0.232223	0.337877	-2.95966	0.0431 55	0.133325	-7.50048	0.4835 84	0.539771	-1.85264	0.460288	0.521483	-1.91761	1.60369	19.0516	10.5598	1
cg13236378	WSCD2	0.258561	0.951158	1.01055	1.01055	0.382084	0.857622	-1.16602	0.0491366	1.46933	1.46933	0.861525	1.02956	1.02956	0.555601	0.849749	-1.17682	0.161215	0.773851	-1.29224	0.6865 81	0.932858	-1.07197	0.124813	1.32936	1.32936	0.615673	0.916932	-1.09059	1.60369	0.7456644	0.413293	1
cg20660212	PIR;PIR;PIR;PIR	0.258568	0.503153	0.849911	-1.15887	0.0409049	1.15566	1.15566	0.1453449	1.46695	1.46695	0.738605	1.08654	1.08654	0.2573888	0.746324	-1.33991	0.444622	0.748679	-1.33562	0.4096 69	0.831766	0.7955 47	-1.26016	0.9251 59	1.11172	0.1058837	27.9171	1.60368	12.2684	7.886	1
cg00851109	MFSD5;MFSD5	0.258569	0.361777	0.796839	-1.25496	0.293607	1.30203	1.30203	0.943327	0.982924	-1.01737	0.184763	0.711224	-1.40603	0.0962349	0.642429	-1.55659	0.725802	0.918234	-1.08905	0.9358 46	1.01969	1.01969	0.542602	1.16104	1.16104	0.0639318	1.6561	1.6561	1.60366	1.49063	0.82624	1
cg16183158	C12orf65;C12orf65 /// LOC729991;LOC729991;LOC729991; MEF2B;LOC729991; MEF2B;LOC729991;RFXANK;LOC729991	0.258574	0.117578	0.243051	-4.11437	0.984918	1.01586	1.01586	0.33603	2.2831	2.2831	0.203574	0.327329	-3.05503	0.0604417	0.172001	-5.81393	0.843951	0.848736	-1.17822	0.119351	0.244987	-4.08185	0.203716	0.327457	-3.05384	0.249819	0.367567	-2.72059	1.60364	17.5894	9.74972	1
cg09421020	LOC72999	0.258575	0.15626	0.767665	-1.30265	0.0820762	1.39912	1.39912	0.431787	1.15013	1.15013	0.592565	1.09874	1.09874	0.381596	0.855181	-1.16934	0.219407	0.798399	-1.25251	0.673046	1.0768	1.0768	0.830512	0.963321	-1.03808	0.130551	1.3293	1.3293	1.60364	0.7718844	0.427852	1
cg09152841	OAF	0.258578	0.196264	0.813184	-1.23015	0.0834142	0.915548	0.915548	0.0855553	1.22616	0.8169479	0.724297	-1.48303	0.4019598	0.0413993	0.4132	0.527345	0.916991	-1.09052	0.5182 28	0.831954	-1.20199	0.107192	0.9556 03	-1.04638	0.806353	0.405043	0.957773	-1.04405	1.60363	0.2597	0.16	1
cg21201448	FANCG	0.258579	0.311055	1.23059	1.23059	0.434545	0.853915	-1.17108	0.904678	0.976561	-1.024	0.23645	1.27838	1.27838	0.158284	0.791697	-1.26311	0.125648	0.720284	-1.38834	0.0804343	1.46799	1.46799	0.777814	0.945535	-1.0576	0.339163	1.8228	1.21536	1.60362	0.995438	0.551772	1
cg20638467	KCTD15;KCTD15;KCTD15	0.258602	0.0368184	0.375857	-2.66059	0.515628	1.30471	1.30471	0.323672	1.50877	1.50877	0.969942	0.984911	-1.01532	0.880437	0.941075	-1.06261	0.63522	0.824625	-1.21267	0.0724726	2.24497	2.24497	0.763341	0.885285	-1.12958	0.468153	1.34696	1.34696	1.60354	4.13476	2.29202	1
cg15322230	BCOR;BCOR	0.258606	0.303899	2.84113	-1.82407	0.0877	0.515015	0.993632	0.00797	1.12058	0.00797	0.0430134	2.7107	2.7107	0.360934	0.753369	-1.32764	0.585401	0.62663	-1.59601	0.172654	4.23653	4.23653	0.0948153	0.5160 56	-6.21055	0.777665	0.753599	1.32686	1.60353	25.13	13.9304	1
cg14211015	ABCC6P2	0.258612	0.551247	0.885235	-1.12964	0.167221	0.35275	1.35275	0.32428	1.22855	1.22855	0.941685	1.0149	1.0149	0.424453	0.623454	-1.60397	0.727691	1.07324	1.07324	0.151259	1.36472	1.36472	0.588094	1.11691	1.11691	0.379951	1.19975	1.19975	1.60351	1.03833	0.575591	1
cg20955118	ZNF664;ZNF664;CCDC92	0.258614	0.0882874	0.656431	-1.52407	0.309553	1.326	1.326	0.755511	1.08743	1.08743	0.555463	1.17353	1.17353	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. 63T vs. N)	Fold-Change(563T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg20979926	NAA25	0.258805	0.367556	1.51222	1.16222	1.16917	1.26859	1.26859	0.787584	-1.26971	0.687655	1.06784	1.06784	0.847746	0.969263	1.03171	0.245547	0.820969	-1.21807	0.0409532	0.681711	-1.4669	0.572087	0.911441	-1.09736	0.864323	0.972604	-1.02817	1.60281	0.6089656	0.371378	1
cg05491346	BCCIP,BCCIP.LIROS,BCCIP	0.258805	0.365024	0.85656	-1.16746	0.11568	1.33401	1.33401	0.886253	0.976471	-1.0241	0.7187	0.941604	-1.06202	0.849422	1.03212	1.03212	0.326515	1.18354	1.18354	0.466167	1.13129	1.13129	0.0302762	0.654619	-1.52761	0.781067	1.04744	1.04744	1.60281	0.702452	0.389567	1
cg14762234	ZMIZ2	0.258813	0.065899	0.272737	-3.66653	0.674708	1.30444	1.30444	0.56361	1.44427	1.44427	0.396741	0.57903	-1.72703	0.842515	0.882277	-1.13343	0.821981	0.867714	-1.15245	?	?	?	1.003401	3.06954	3.06954	0.171449	2.50113	2.50113	1.60658	8.96666	5.5812	1
cg01869229	TOP3MT	0.258813	0.520103	1.864431	-1.15686	0.416518	0.830282	-1.20414	0.128567	0.693172	-1.44473	0.061901	0.601444	1.60144	0.306001	0.788682	-1.26794	0.271587	1.2922	1.2922	0.871693	0.564444	-1.03687	0.496542	1.16722	1.16722	0.0305556	0.786413	-1.2736	1.60277	1.273497	0.706271	1
cg16360965	ADD2;ADD2;ADD2;ADD2;ADD2	0.258822	0.5548053	1.60044	1.60044	2.74779	0.782436	-1.27806	0.808335	1.05387	1.05387	0.610586	1.11727	1.11727	0.53744	0.873868	-1.14434	0.0623738	1.5291	1.5291	0.548513	1.39739	1.39739	0.5434	1.14203	1.14203	0.81169	1.0528	1.0528	1.60275	1.18339	0.65631	1
ch.12.101940I0.ASS5	ASS5	0.258833	0.0219168	0.212381	-4.70403	0.250762	0.515595	-1.93951	0.148256	0.417333	-2.39617	0.122054	0.388936	-2.57111	0.207609	0.47303	-2.11403	0.729616	0.822411	-1.21594	0.161515	0.430648	-2.32208	0.187706	0.455343	-2.19615	0.372256	0.597468	-1.67373	1.60271	0.89097	1.47004	1
cg01156629	GTF2E2	0.258834	0.597339	1.05514	1.05514	1.107646	1.19338	1.19338	0.420199	1.08646	1.08646	0.532935	0.938388	-1.05566	0.403752	0.917566	-1.08984	0.547971	1.06313	1.06313	0.377183	0.912795	-1.09554	0.0735199	0.817987	-1.22251	0.195192	1.14793	1.14793	1.60271	0.257362	0.142738	1
cg22681709	PDE11A;PDE11A;PDE11A;PDE11A	0.258836	0.0854552	0.53585	5.35003	0.369832	0.446164	-2.2547	0.3827493	0.734322	-1.36618	0.251692	1.83795	1.83795	0.0142295	0.834289	-1.22307	0.431118	2.02255	2.02255	0.795169	0.777539	-1.28611	0.0549496	6.82916	6.82916	0.135254	4.14232	4.14232	1.6027	15.7786	10.9096	1
cg14436769	ACOX3;ACOX3	0.258839	0.137801	0.779137	-1.28349	0.11221	1.31007	1.31007	0.248788	1.20175	1.20175	0.180982	0.801071	-1.24833	0.301499	1.18106	1.18106	0.790578	0.959287	-1.04244	0.730616	1.05545	1.05545	0.183597	1.2465	1.2465	0.539014	1.102	1.102	1.60269	0.619053	0.343341	1
cg27331759	AXIN1;AXIN1	0.258845	0.625096	1.50632	1.50632	0.0294815	8.43721	8.43721	0.0327665	7.98707	7.98707	0.754289	0.770136	-1.29847	0.875483	1.13934	1.13934	0.642107	0.677497	-1.47602	0.962078	0.961219	-1.04035	0.906549	1.10262	1.10262	0.823493	0.830404	-1.20423	1.60267	17.5651	9.74215	1
cg10609984	ZNF25	0.258854	0.728831	1.14202	1.14202	0.0441	1.16228	1.16228	0.0511522	1.16444	1.16444	0.176452	1.76452	1.43863	0.0111	1.39179	1.39179	0.0496242	1.41994	1.41994	0.0116979	1.42939	1.42939	0.0116979	1.28157	1.28157	0.510399	1.29151	1.29151	1.60264	3.72611	2.06666	1
cg02115117	C2orf84	0.258857	0.108411	0.306248	-3.26532	0.141305	0.343385	-2.91218	0.113616	0.332449	-3.00932	0.815325	0.85377	-1.17128	0.0310791	0.180856	-5.52927	0.728776	0.790398	-1.26519	0.201609	0.402046	-2.48727	0.818649	1.16788	1.16788	0.999126	1.00074	1.00074	1.60262	11.5892	6.4279	1
cg08530803	LYNX1;LYNX1	0.258859	0.0606761	0.167603	-5.96649	0.664935	1.44479	1.44479	0.163241	0.65576	-1.52463	0.607785	0.645329	-1.54884	0.047765	0.447801	-4.76587	0.914266	0.910359	-1.09522	0.0808027	0.194887	-5.13119	0.0154133	0.275689	-3.62727	0.459256	0.510362	-1.95989	1.60262	18.1054	10.0421	1
cg19859728	LOC645323;LOC645323;LOC645323	0.258859	0.486433	1.14579	1.14578	0.219037	0.779775	-1.28242	0.829838	0.95943	-1.04229	0.758841	1.06105	1.06105	0.669851	0.920781	-1.08603	0.646307	1.09299	1.09299	0.150606	0.743436	-1.34511	0.957344	1.01035	1.01035	0.024808	1.6722	1.6722	1.60262	0.939945	0.521339	1
cg03759077	ARL6IP6;ARL6IP6	0.25886	0.0864582	0.689168	-1.451	0.201758	0.303661	0.303661	0.0360181	0.833149	-1.20027	0.465228	0.864087	-1.15729	0.612456	1.10562	1.10562	0.642268	0.631398	-1.58379	0.399752	0.844141	-1.18464	0.729215	1.07069	1.07069	0.752426	0.939694	-1.06418	1.60262	0.980611	0.543894	1
cg26078436	HIBBP1	0.258864	0.0577237	0.297948	-3.87676	0.0822015	0.293651	-3.4054	0.02532	0.186557	-5.36209	0.035559	0.534157	-1.87211	0.68365	0.772075	-1.29521	0.647822	0.630598	-1.58705	0.365461	0.955646	-1.04423	0.500742	0.649489	-1.53907	0.739708	0.81014	-1.23435	1.6026	0.10251	0.613168	1
cg22470073	HELQ;MRPS18C;HELQ	0.258865	0.1506697	2.04593	2.04593	0.501882	1.37269	1.37269	0.628394	0.7974742	-1.25196	0.0663068	0.383945	-2.60454	0.843949	1.09592	1.09592	0.482024	0.717404	-1.39331	0.369285	1.53503	1.53503	0.478809	1.39743	1.39743	0.0958047	2.33955	2.33955	1.6026	5.48271	3.04101	1
cg21008031	NRXN3	0.258866	0.770667	0.803285	-1.14492	0.149963	3.97878	3.17878	0.7722714	1.24289	1.24289	0.547689	1.57757	1.57757	0.111197	0.272437	-3.67003	0.484655	1.70256	1.70256	0.091635	0.2486391	-4.0219	0.638607	1.42541	1.42541	0.159777	0.33446	-3.00204	1.60259	14.2512	7.6045	1
cg16098545	ITPR2	0.258869	0.391799	1.07594	-1.62903	0.728244	0.328546	-1.04371	0.0270516	0.234888	-4.25735	0.144412	0.4724	-2.39785	0.0863355	0.348568	-2.86888	0.484447	0.673562	-1.48465	0.391078	0.613365	-1.63035	0.383199	0.573833	-1.85931	0.641356	0.770332	-1.29814	1.60258	7.85275	4.35561	1
cg24063043	PRKCA	0.2588	0.0337528	0.400861	-2.49463	0.288588	1.5011	1.5011	0.621475	0.832343	-1.20143	0.898456	0.954017	-1.0482	0.0541144	0.446647	-2.2389	0.793847	0.907955	-1.10138	0.214149	0.617402	-1.61969	0.54645	0.798488	-1.25237	0.592823	0.819532	-1.22021	1.60254	3.45045	1.91387	1
cg08562004	AOC3	0.258883	0.153885	0.321689	-3.10859	0.797445	2.75491	2.75491	0.1323564	0.583363	0.53474	-1.94273	0.153294	0.321092	-3.11443	0.0421637	0.176575	0.219455	0.383136	-2.61004	0.0529966	0.252839	-3.95508	0.0644232	0.219637	-4.68083	0.439827	0.556938	-1.79553	1.60253	14.0084	7.77015	1
cg06016431	SLC35B1	0.258886	0.302498	0.879928	-1.13646	0.230535	1.16257	1.16257	0.0635932	1.28387	1.28387	0.336483	0.8880192	-1.12603	0.651875	0.947064	-1.0559	0.492454	1.08707	1.08707	0.228173	0.8594838	-1.16355	0.804471	1.03015	1.03015	0.18396	1.18388	1.18388	1.60252	0.3639999	0.201904	1
cg12434101	PKD212	0.258887	0.27948	0.573119	-1.75126	0.025989	0.267953	0.267953	0.12	0.181933	0.4495568	-2.02606	0.400669	0.5335291	0.5335291	0.382153	0.639754	-1.5631	0.0602457	0.822278	-1.20645	0.383771	0.640774	-1.55921	0.0139885	0.597147	-1.66904	0.376828	1.57137	1.57137	0.62052	0.63552	0.349646	1
cg22685805	MKKS;MKKS	0.258889	0.94643	1.01853	1.01853	0.0452106	1.87348	1.87348	0.857236	1.05043	1.05043	0.716784	1.10467	1.10467	0.243979	0.716715	0.39526	0.673901	1.1226	1.1226	0.110576	1.60817	1.60817	0.230939	1.40969	1.40969	0.10683	1.6178	1.6178	1.60251	1.89492	1.05108	1
cg10738119	YWHAG	0.258893	0.96804	1.01539	1.01539	0.654931	1.18699	1.18699	0.27288	0.647351	-1.54476	0.717795	1.14835	1.14835	0.134155	0.550388	-1.81525	0.180007	0.581236	-1.72047	0.435941	0.738686	-1.35375	0.0949094	2.01249	2.01249	0.114382	0.519759	-1.92397	1.6025	3.68557	2.04435	1
cg16653443	LOC285830;LOC285830	0.258894	0.492946	1.08534	1.08534	0.0819	1.10711	1.10711	0.833993	1.14471	1.14471	0.0609215	0.2656392	3.76552	0.0032192	1.49726	1.49726	0.472823	0.630598	-1.58579	0.0382713	0.506267	-1.97524	0.0134919	0.352452	-2.83851	0.0249	0.10548	-9.48162	1.6025	0.0019	0.0019	1
cg01453732	SELK	0.258894	0.574861	0.810582	-1.23368	0.718627	1.14348	1.14348	0.59975	0.821836	-1.21679	0.864306	0.938584	-1.06543	0.801211	0.910749	-1.098	0.32238	1.46053	1.46053	0.0130104	0.339214	-3.1327	0.277386	0.657965	-1.51984	0.564715	1.24076	1.24076	1.60249	3.48504	1.93312	1
cg03109525	PNP600	0.2589	0.119398	1.13456	1.13456	0.633104	0.623162	-1.08389	0.189941	0.843618	1.24638	0.205588	1.24125	1.24125	0.0529795	1.42043	1.42043	0.124644	1.30871	1.30871	0.0653945	1.23126	1.23126	0.18398	1.21216	1.21216	0.188198	1.25768	1.25768	1.60247	0.664775	0.36875	1
cg09150075	NAF1;NAF1	0.258905	0.25338	0.803049	-1.24525	0.431999	0.862897	-1.15889	0.226857	0.791914	-1.26276	0.417144	0.858583	-1.16471	0.0996995	0.717663	-1.39341	0.120448	1.73691	1.36297	0.174757	0.766894	-1.30396	0.121164	1.36208	1.36208	0.171697	0.93402	-1.07064	1.60245	0.858079	0.475981	1
cg09997546	C1orf17;C1orf17;ST5	0.258907	0.0211686	8.82857	8.82857	0.340922	2.16242	2.16242	0.7404	1.29861	1.29861	0.267645	2.38113	2.38113	0.841232	1.17072	1.17072	0.577735	1.55573	1.55573	0.0545153	6.85057	6.85057	0.327691	2.2122	2.2122	0.434052	1.87252	1.87252	1.60245	15.6733	8.69407	1
cg04658772	VAT1L	0.258913	0.1972544	1.36776	1.36776	0.0795	0.754541	-1.32364	0.383363	0.54474	-1.84288	0.884454	1.13115	1.13115	0.53431	0.826353	-1.21012	0.764636	-1.33916	-1.33916	0.114167	1.68334	1.68334	0.191114	1.03126	1.03126	0.942	2.33884	2.33884	1.29295	1		1
cg10168687	FOSB;FOS8	0.258916	0.0504043	0.717347	-1.39403	0.452705	1.1207	1.1207	0.166193	1.24599	1.24599	0.221762	0.825881	-1.21083	0.628403	0.929928	-1.07535	0.21468	0.823182	-1.2148	0.68704	1.06219	1.06219	0.27402	0.827985	-1.20775	0.820884	0.966783	-1.03436	1.60241	0.563147	0.312388	1
cg01352810	ZNF10	0.258917	0.961357	1.07053	1.07053	0.0259889	0.267953	0.267953	0.12	0.181933	0.4495568	-2.02606	0.400669	0.5335291	0.5335291	0.382153	0.639754	-1.5631	0.0602457	0.822278	-1.20645	0.383771	0.640774	-1.55921	0.0139885	0.597147	-1.66904	0.376828	1.57137	1.57137	0.62052	0.63552	0.349646	1
cg10776926	SKA3;SKA3;MRP63	0.258917	0.0115397	0.4555	-2.19539	0.443413	0.823231	-1.21473	0.511758	0.847345	-1.18016	0.950275	1.01565	1.01565	0.836572	1.05276	1.05276	0.178272	0.700451	-1.42765	0.874638	0.96146	-1.04008	0.668427	1.11322	1.11322	0.622877	1.13132	1.13132	1.60241	1.57256	0.872332	1
cg14628942	PROC	0.258918	0.103278	0.540479	-1.85021	0.536752	0.805746	-1.24109	0.0746551	0.503764	-1.98506	0.901502	0.958148	-1.04368	0.090256	0.524861	-1.90527	0.678514	0.493505	-2.02632	0.190391	0.619479	-1.61426	0.910202	0.961793	-1.03973	0.558823	0.587639	-1.70172	1.60241	3.02579	1.67847	1
cg08140049	UBA1;UBA1	0.258922	0.0654797	0.3842	-2.60234	0.0826007	0.342	0.342	-2.92402	0.1481933	0.4495568	-2.02606	0.400669	0.5335291	0.5335291	0.382153	0.639754	-1.5631	0.0602457	0.822278	-1.20645	0.383771	0.640774	-1.55921	0.0139885	0.597147	-1.66904	0.376828	1.57137	1.57137	0.62052	0.63552	0.349646	1
cg02137321	ACBD7	0.258921	0.596105	1.12757	1.12757	0.1991018	0.737457	-1.35601	0.672432	1.10016	1.10016	0.122404	0.686479	-1.45671	0.929263	1.02013	1.02013	0.930146	0.980512	-1.01987	0.0411404	0.589271	-1.69701	0.075336	0.641184	-1.55962	0.755731	0.932352	-1.07256	1.6024	1.27862	0.709284	1
cg16253629	ANK2	0.258926	0.1975366	1.26444	1.26444	0.0810826	0.78226	-1.27826	0.0532626	0.78226	1.35026	0.432287	1.18402	1.18402	0.284662	0.844662	-1.18402	0.545884	1.32446	1.32446	0.113859	1.32026	1.32026	0.1737	0.996362	0.996362	0.532505	1.1737	1.1737	1.60241	1.25096	0.658907	1
cg00426668	CAPN6	0.258929	0.787549	0.183834	-1.22875	0.748486	0.782441	-1.27805	0.647669	0.704052	-1.42035	0.137914	0.295724	-3.38153	0.0432192	0.169733	-5.89161	0.173617	0.31639	-3.16039	0.153144	0.311412	-3.21118	0.91164	1.08834	1.08834	0.2396172	0.399101	-2.55734	1.60237	14.7597	8.18773	1
cg17182837	ANK1;ANK1;ANK1;ANK1;ANK1	0.258932	0.442331	0.811347	-1.23252	0.0439404	1.85501	1.85501	0.503779	0.834383	-1.19849	0.131911	0.647924	-1.54339	0.688823	0.89814	-1.11341	0.980843	0.993613	-1.00643	0.894458	0.965197	-1.03606	0.337309	1.30212	1.30212	0.170009	0.677027	-1.47705	1.60236	1.80747	1.00267	1
cg05237121	RIMS4	0.258934	0.7171277	0.8966	-1.11529	0.0437815	0.754001	-1.32626	0.35026	0.743402	-1.34543	0.78402	0.864002	-1.15738	0.886023	0.886023	-1.12844	0.721842	1.39395	1.39395	0.145292	0.708798	0.08798	0.418388	1.81516	1.81516	0.883928	1.11107	1.11107	1.60236	0.664775	0.36875	1
cg04062667	HIST1H2AM;HIST1H2BO;HIST1H2BO	0.258937	0.410591	0.831993	-1.20193	0.189575	0.718054	-1.35491	0.437589	0.841063	-1.18897	0.508362	0.614894	-1.6263	0.857501	0.961474	-1.04007	0.30809	0.794052	-1.25936	0.023891	0.554787	-1.80249	0.721455	1.08139	1.08139	0.525901	0.868933	-1.15084	1.60234	1.21255	0.672654	1
cg07722158	FGFRL1;FGFRL1;FGFRL1;FGFRL1;FGFRL1	0.258939	0.429931	0.589104	-1.69806	0.0437815	0.754001	-1.32626	0.35026	0.743402	-1.34543	0.78402	0.864002	-1.15738	0.886023	0.886023	-1.12844	0.721842	1.39395	1.39395	0.145292	0.708798	0.08798	0.418388	1.81516	1.81516	0.883928	1.11107	1.11107	1.60236	0.664775	0.36875	1
cg08785234	C9	0.258941	0.504356	0.779388	-1.28306	0.77325	0.899173	-1.11213	0.0213533	2.7665	2.7665	0.953959	1.02147	1.02147	0.811705	0.915946	-1.09177	0.717275	0.874783	-1.14314	0.11807	0.535626	-1.86697	0.945861	0.699672	-1.42924	0.8068218	1.09432	1.09432	1.60232	3.43457	1.90533	1
cg16771588	ARSE	0.258946	0.203944	0.553194	-1.80768	0.875471	0.903259	-1.10972	-1.07171	0.0791047	0.422795	-2.36521	0.549115	1.30692	1.30692	0.0311213	0.327215	-3.0561	0.958813	0.977454	-1.02307	0.237322	1.49848	0.962875	0.979656	-1.02077	0.489973	0.733697	-1.36296	1.60231	4.94824	2.74506	1
cg20163034	FAM63A;PRUNE;PRUNE;FAM63A	0.258947	0.277442	1.72542	1.72542	0.242379	0.553847	-1.80555	0.0505751	0.340976	-2.93276	0.177426	1.99817	1.99817	0.391176	1.5285	1.5285	0.786882	0.877332	-1.13982	0.505022	1.38633	1.38633	0.344018	0.624548	-1.60116	0.650766	0.80245	-1.24618	1.6023	5.91837	3.28325	1
cg04888647	SPCS1;GLTBD1;GLTBD1	0.258948	0.724663	1.07655	1.07655	0.0437815	0.754001	-1.32626	0.35026	0.743402	-1.34543	0.78402	0.864002	-1.15738	0.886023	0.886023	-1.12844	0.721842	1.39395	1.39395	0.145292	0.708798	0.08798	0.418388	1.81516	1.81516	0.883928	1.11107	1.11107	1.60236	0.664775	0.36875	1
cg17212500	C8orf39;RBM128	0.258951	0.895281	1.02572	1.02572	0.0153851	0.623538	-1.60375	0.803695	0.953116	-1.04919	0.158578	0.747839	-1.33719	0.169805	0.754321	1.3257	0.864497	0.967605	-1.03348	0.130752	1.36974	1.36974	0.883395	0.972101	-1.0287	0.65828	0.91776	-1.08961	1.60229	0.943332	0.523324	1
cg13263922	SPATA24	0.258953	0.343947	0.737559	-1.32968	0.33054	0.625008	-1.61164	0.1502474	1.58534	1.58534	0.113921	1.60393	1.60393	0.289653	0.725254	-1.37883	0.864993	1.051	1.051	0.945293	1.25089	1.25089	0.589052	0.852648	-1.17282	0.253903	0.413656	1.41656	1.6022	2.16755	1.29263	1
cg00795248	LHX9;LHX9	0.258955	0.4847216	0.599232	-1.6688	0.432974	0.561523	-1.78087	0.72008	0.771417	-1.29632	0.567735	0.659329	-1.51669	0.378173	0.790994	-1.26453	0.385421	0.526362	-1.89983	0.734125	0.802023	-1.27874	0.0149988	0.642004	-1.55726	0.0495662	0.615243	1.13998	1.6022	1.13185	0.732282	1
cg20678988	TAS1R2	0.258957	0.211362	1.320421	-1.12089	0.63427	1.51322	1.51322	0.471167	0.530691	-1.88434	0.224161	0.33164	-3.01532	0.0728242	0.17733	-5.63919	0.772766	1.28435	1.28435	0.0556262	0.15341	-6.5185	0.100047	0.210641	-4.7474	0.949959	1.05575	1.6022	18.9587	10.5177	1	
cg22336107	GIPC1;GIPC1;GIPC1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Ratio(105T vs. 057 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T 537 vs. N)	Fold-Change(527T 537 vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T 377 vs. N)	p-value(5 vs. N)	Fold-Change(5637 vs. N)	p-value(563T 637 vs. N)	Fold-Change(563T 637 vs. N)	T(Test)	SS(Test)	SS(Error)	df(Error)
cg24607075	NPPB	0.25924	0.373497	1.58187	1.58187	0.02295107	3.76982	3.76982	0.518827	1.38864	1.38864	0.8840803	1.07604	1.07604	0.56116	0.744554	1.34309	0.2043912	1.95878	1.95878	0.922758	1.04989	1.04989	0.2536565	0.549675	-1.83526	0.3638907	0.626009	-1.59742	1.60125	0.3909	3.54772	1
cg02296128	GTF2F2	0.25924	0.283145	1.17924	1.17924	0.9556617	1.00826	1.00826	0.0226719	1.49686	1.49686	0.1497424	1.02855	1.02855	0.766272	0.956959	-1.04498	0.8981666	0.981248	-1.01911	0.2509408	0.760191	-1.31546	0.9565334	0.991974	-1.00809	0.679686	1.06331	1.06331	1.60125	0.5543345	0.307729	1
cg25341937	NUP153	0.25924	0.893873	1.03394	1.03394	0.136653	1.49335	1.49335	0.80113	1.06516	1.06516	0.312884	1.29832	1.29832	0.186616	0.70459	-1.41926	0.610271	0.879362	-1.13719	0.0422209	0.556967	-1.79544	0.9702125	0.990705	-1.00938	0.397923	1.24168	1.24168	1.60125	1.58627	0.880572	1
cg17545301	KCND1	0.25924	0.589192	1.36783	1.36783	0.3248614	1.79108	1.79108	0.6673521	0.7800056	-1.28196	0.786228	1.16903	1.16903	0.0153308	0.1807385	-5.5314	0.172574	0.434329	-2.3024	0.8700884	0.910786	-1.09795	0.7746578	1.17925	1.17925	0.934099	0.9538808	-1.04843	1.60124	0.3094	4.64606	1
cg04039914	GNAS;GNAS;GNAS;GNAS	0.25924	0.128895	0.55439	-1.7875	0.0449209	0.442804	-2.25833	0.453218	1.33128	1.33128	0.913927	0.962454	-1.03901	0.3850655	1.37053	1.37053	0.910535	0.960997	-1.04059	0.830705	0.92702	-1.07873	0.157821	0.585949	-1.70663	0.156347	0.586483	-1.71033	1.60123	0.17699	1.76364	1
cg10749291	CLDN20;ITB1M	0.25924	0.445339	0.66774	-1.49709	0.0729116	0.934014	-2.82475	0.0285695	0.26159	3.82278	0.9519551	1.03177	1.03177	0.280502	0.558809	-1.78911	0.329012	0.592773	-1.68699	0.941562	0.6012267	-1.66315	0.431823	1.51656	1.51656	0.1062	0.833339	3.79342	1
cg13493109	USP48;USP48	0.25924	0.491478	1.1232	1.1232	0.136584	0.76593	-1.3056	0.115054	0.752082	-1.32964	0.575841	0.910298	-1.09854	0.366744	1.1667	1.1667	0.886963	1.02393	1.02393	0.110209	0.748673	-1.3357	0.413012	0.870092	-1.1493	0.195837	1.25539	1.25539	1.60123	0.701111	0.389207	1
cg18849229	CDH4	0.25924	0.0907014	1.21182	-1.72098	0.5446124	0.600134	-1.66529	0.670102	0.699898	-1.42878	0.369265	0.464004	-2.15515	0.0788718	0.196932	-5.07815	0.329568	0.432631	-2.31144	0.1010808	0.225052	-4.44341	0.0338704	0.127115	-7.86592	0.238288	0.357516	-2.79708	1.60119	17.5846	9.76195	1
cg14581502	NUSAP1;NUSAP1;OIP5;NUSAP1	0.25923	0.260539	0.85042	-1.17588	0.786971	0.763674	-1.30946	0.286449	1.66513	1.66513	0.471738	0.908137	1.10064	0.0268495	0.215681	4.63768	0.976644	1.00405	1.00405	0.699282	0.947818	-1.05506	0.0584357	0.744367	-1.34342	0.909253	1.10587	1.10587	1.60117	0.4834414	0.268367	1
cg17262810	CCNY;CCNY	0.25925	0.111287	0.456358	-2.19126	0.720761	0.850171	-1.17623	0.436949	0.698637	-1.43136	0.133078	0.480537	-2.08101	0.72056	0.850067	-1.17638	0.475614	1.38828	1.38828	0.888218	1.06567	1.06567	0.183434	1.89323	1.89323	0.0639324	0.389962	-2.56435	1.60116	5.18634	2.87921	1
cg21725888	TTBK1	0.25926	0.1764111	1.35451	1.35451	0.2934007	0.945447	-1.0577	0.123581	2.68505	2.68505	0.589236	1.38376	1.38376	0.2609329	2.01223	2.01223	0.496021	1.50961	1.50961	0.996246	0.99732	-1.00281	0.9102264	0.996246	0.99732	-1.00281	0.9102264	5.38467	7	1.60492	8.02134	2.49796	1
cg09352518	ZNF714	0.25926	0.218949	0.255865	-3.90831	0.385874	0.391719	-2.55285	0.735323	0.699265	-1.43007	0.307323	0.328193	-3.04699	0.128067	0.56584	1.76768	0.760598	1.38016	-1.38016	0.0709993	0.783656	1.27628	0.287187	-3.48205	0.554122	0.180725	1.87875	1.87875	1.60114	28.1872	15.6484	1
cg01937650	CRISPLD1	0.25927	0.377996	1.16331	1.16331	0.0954978	1.93836	1.93836	0.0528966	1.44475	1.44475	0.95508	1.00946	1.00946	0.965038	1.00736	1.00736	0.959029	0.991445	-1.00863	0.170993	0.783656	-1.27607	0.890559	0.972339	-1.02329	0.15097	1.29355	1.29355	1.60113	0.709225	0.393736	1
cg18522808	CHST8;CHST8;CHST8	0.25927	0.83095	1.0551	1.0551	0.031076	2.22377	2.22377	0.377829	0.796909	-1.25485	0.722195	0.914334	-1.09369	0.823046	0.945358	-1.0578	0.513531	0.846854	-1.18064	0.633597	1.12803	1.12803	0.660065	0.894903	-1.11744	0.681473	0.90154	-1.10909	1.60113	1.59606	0.886075	1
cg10277631	TXNDC16;TXNDC16;GPR137C	0.25928	0.30273	0.804576	-1.24289	0.8800061	0.767137	1.46737	0.642399	1.09198	1.09998	0.8658808	0.680072	-1.47043	0.6802158	1.08808	1.08808	0.770361	0.942126	-1.06143	0.113148	0.703868	-1.42072	0.8955956	1.02701	1.02701	0.466428	1.16294	1.16294	1.60111	1.05195	0.584013	1
cg23759393	PTPN22;PTPN22;PTPN22	0.25928	0.220031	0.441688	-2.26404	0.237775	0.448316	-2.22857	0.742693	1.23214	1.23214	0.229703	2.22246	2.22246	0.374303	2.03912	2.03912	0.611223	0.715877	-1.39689	0.182694	0.408178	-2.44991	0.224947	2.04649	2.04649	0.878052	1.10219	1.10219	1.60111	0.182	1.65279	1
cg18766795	FAM5B	0.25928	0.749662	1.19277	1.19277	0.464083	0.663098	-1.50807	0.727925	0.824855	-1.21233	0.106408	2.64328	2.64328	0.619377	0.758756	-1.31795	0.216863	2.047	2.047	0.0608085	3.20658	3.20658	0.0936018	2.76388	2.76388	0.326621	1.74777	1.74777	1.6011	7.70756	4.27904	1
cg02145213	PMS2L11	0.25928	0.110803	0.909955	-3.72627	0.1337753	1.436411	1.436411	0.1564848	2.76288	2.76288	0.543732	0.660783	-1.51335	0.0774937	0.375361	-2.66423	0.378084	0.544172	-1.83766	0.563295	0.674403	-1.48228	0.308934	2.03382	2.03382	0.702528	0.772059	-1.29524	1.6011	11.5253	6.39858	1
cg06352711	RBM43	0.25928	0.0701171	1.466824	-1.46212	0.224444	0.616611	1.61664	0.480083	0.763319	-1.31007	0.278571	0.654502	-1.52788	0.257272	0.640943	-1.5602	0.321941	0.680472	-1.46957	0.0912023	0.496627	-2.01358	0.545349	1.25894	1.25894	0.690814	1.16232	1.16232	1.60109	3.58939	1.99274	1
cg05322697	AC0;ACD;PARD6A;ACD;PARD6A;ACD;A CD;ACD;PARD6A;ACD;PARD6A;ACD;A CD	0.259285	0.724862	0.8957	-1.11645	0.141744	1.63633	1.63633	0.648301	0.86663	-1.15389	0.480008	0.799477	-1.25082	0.0397781	2.09793	2.09793	0.075427	1.85327	1.85327	0.753379	0.906427	-1.10323	0.493356	1.24214	1.24214	0.643889	1.15615	1.15615	1.60109	2.46375	1.36781	1
cg22000930	HS3ST3B1	0.259289	0.690985	0.905397	-1.10449	0.963681	0.988738	-1.01139	0.877591	0.962389	-1.03908	0.107888	0.646391	-1.54705	0.691507	0.905558	-1.10429	0.391491	0.803825	-1.24405	0.285817	0.759028	-1.31747	0.0427849	1.78602	1.78602	0.210835	0.601858	1.56875	1.56875	1.60108	1.56875	0.87094	1
cg13831848	OGN;CENPP;OGN	0.259292	0.727373	1.13498	1.13498	0.3503761	1.31001	1.31001	0.3647564	1.5024	1.5024	0.222872	1.66266	1.66266	0.0485405	0.488576	-2.04699	0.418859	0.712316	-1.40396	0.1889	0.441318	-2.26556	0.1589	3.84028	3.84028	0.742315	1.3214	1.3214	1.60106	3.86022	1.00446	1
cg03519593	EPX	0.259297	0.0981204	1.46837	1.46837	0.0207015	1.80363	1.80363	0.654774	1.09998	1.09998	0.752845	0.935303	-1.06917	0.247307	1.29191	1.29191	0.507071	1.15317	1.15317	0.102831	1.45919	1.45919	0.887499	1.03043	1.03043	0.595913	1.11999	1.11999	1.60105	1.37639	0.631136	1
cg19055639	ARMC2;ARMC2	0.259299	0.2063349	0.102454	-9.76045	0.960761	1.04747	1.53146	0.407736	0.642801	1.53146	0.531146	0.409736	-2.44043	0.624861	1.53146	1.53146	0.048729	0.142718	-7.00685	0.45497	0.517783	-1.93131	0.738018	1.33687	1.33687	0.824387	0.825126	-1.21194	1.60104	18.9676	10.5307	1
cg27440757	MSMB;MSMB	0.259303	0.458002	1.73725	1.61465	0.874665	0.970796	-1.0505	0.885405	0.932735	-1.07212	0.554023	0.725102	-1.37905	0.0784237	0.463376	-2.15817	0.601123	0.715877	-1.39689	0.182694	0.408178	-2.44991	0.224947	2.04649	2.04649	0.878052	1.10219	1.10219	1.60101	0.182	1.65279	1
cg02736846	PUM1;PUM1	0.259304	0.979408	1.00947	1.00947	0.294293	1.48797	1.48797	0.148282	1.76219	1.76219	0.166606	0.583439	-1.71398	0.212656	0.619051	-1.61538	0.119522	0.539467	-1.85368	0.159983	0.57781	-1.73067	0.331326	1.03199	1.03199	0.525698	0.790622	-1.26483	1.60103	3.38468	1.87917	1
cg15602547	ARID1B;ARID1B;ARID1B	0.259307	0.055377	0.562248	-1.77857	0.1838138	1.43641	1.43641	0.1564848	2.76288	2.76288	0.543732	0.660783	-1.51335	0.0774937	0.375361	-2.66423	0.378084	0.544172	-1.83766	0.563295	0.674403	-1.48228	0.308934	2.03382	2.03382	0.702528	0.772059	-1.29524	1.6011	11.5253	6.39858	1
cg06286684	BARX1	0.25937	0.233758	0.82335	1.82335	0.819065	0.906871	-1.10269	0.39734	0.659271	-1.51683	0.170323	0.0178	0.0178	0.0617056	2.75008	2.75008	0.358474	0.57449	-1.57449	0.565846	0.752654	-1.32884	0.607987	2.68202	2.68202	0.543806	1.34364	1.34364	1.60102	1.8598	3.25338	1
cg04150202	XPNPEP1;XPNPEP1;XPNPEP1	0.259309	0.11008	0.61769	-1.61893	0.201204	1.45266	1.45266	0.608493	0.866822	-1.15363	0.244289	0.713936	-1.40069	0.727571	0.907788	-1.10158	0.973101	1.00937	1.00937	0.375836	1.28584	1.28584	0.713841	1.10725	1.10725	0.0473679	0.533889	-1.87305	1.60101	1.94034	1.07729	1
cg24180293	FLJ22536	0.259311	0.960556	1.06943	1.06943	0.0929592	1.07787	1.07787	0.0925357	1.26255	1.26255	0.0654533	0.923533	-1.08312	0.0623	1.61955	1.61955	1.072293	1.32255	0.0654455	1.32255	1.83993	1.83993	0.0731	1.83993	1.83993	0.09326	0.616599	2.728289	2.728289	1.60101	0.0013	0.553377	1
cg02236673	TMPRSS4;TMPRSS4	0.259312	0.0977889	0.23077	-4.9075	0.25236	0.350951	-2.8494	0.608665	0.636209	-1.57181	0.249851	0.348838	-2.86666	0.447074	0.167345	0.473047	0.192189	0.298517	-3.34989	0.503194	0.551563	-1.81303	0.0443538	0.132612	-7.54078	0.185878	0.292772	-3.41562	1.601	19.447	10.7971	1
cg14912223	KIAA1688	0.259315	0.0994338	1.34859	1.34859	0.0663761	1.31001	1.31001	0.3647564	1.5024	1.5024	0.222872	1.66266	1.66266	0.0485405	0.488576	-2.04699	0.418859	0.712316	-1.40396	0.1889	0.441318	-2.26556	0.1589	3.84028	3.84028	0.742315	1.3214	1.3214	1.60106	3.86022	1.00446	1
cg18237607	GDNF	0.259313	0.679085	1.05188	1.05188	0.530997	1.08021	1.08021	0.0246932	1.3843	1.3843	0.270818	0.869882	-1.14958	0.785297	0.967344	-1.03376	0.494059	0.910929	-1.0981	0.451852	1.09768	1.09768	0.697792	1.04859	1.04859	0.113735	1.23273	1.23273	1.60099	0.3748839	0.208115	1
cg24870273	STK19;STK19;STK19;DOM3Z	0.259316	0.0997936	0.23396	-4.27424	0.884237	1.1245	1.1245	0.60886	1.51536	1.51536	0.379979	0.484173	-2.06538	0.162474	0.300897	-3.32339	0.30086	0.42174	-2.37113	0.0907923	0.223009	-4.48413	0.0511206	0.167131	-5.98332	0.239482	0.369963	-2.70297	1.60098	16.4665	9.33134	1
cg26464535	SGCE;SGCE;PEG10;SGCE;PEG10	0.259319	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.855284	1.2268	?	?	?	-1.32051	?	?	-1.84006	2.01527	0.262384	7.28734	1.60096	0.597135	0.54346	-1.84006	2.01527	0.262384	7.28734	7.84952	1
cg27402942	CSD3;MLLT6	0.259323	0.231682	0.642949	-1.55533	0.115443	1.8268	1.8268	0.17952	1.65198	1.65198	0.237606	1.5459	1.5459	0.456897	1.30574	1.30574	0.802303	0.915459	-1.09235	0.323935	0.698586	-1.43146	0.169215	0.597094	-1.67478	0.492686	1.27781	1.27781	1.60096	3.14341	1.74529	1
cg18762443	ITPK1	0.259326	0.27003	0.76107	-1.31389	0.4227737	1.83347	1.83347	0.953996	0.991207	-1.00887	0.898894	1.06022	1.06022	0.0600703	1.42349	1.42349	0.798509	0.95836	-1.04353	0.749177	1.3348	1.3348	0.873325	1.08305	1.08305	0.0206932	0.843411	-1.18254	1.60092	0.760764	0.980196	1
cg01401824	TANC1;TANC1	0.259334	0.913702	0.978363	-1.02212	0.332986	0.817488	-1.22326	0.865371	1.03483	1.03483	0.785091	1.05671	1.05671	0.154185	0.64343	-1.55417	0.136632	0.723553	-1.38207	0.131865	0.720227	-1.38845	0.100213	0.695291	-1.43825	0.114186	0.706988	-1.41445	1.60092	0.10244	0.573247	1
cg05812452	MGC45800	0.259334	0.548043	1.54787	1.54787	0.818046	0.847363	-1.18013	0.54896	0.646711	-1.54629	0.210604	2.58085	2.58085	0.396927	1.86537	1.86537	0.176975	2.80512	2.80512	0.0319371	6.0904	6.0904	0.21272	2.56838	2.56838	0.0958156	0.5239	3.7239	1.60092	13.0978	7.27238	1
cg13701146	PTPN2;PTPN2;PTPN2	0.259335	0.128422	0.539267	-1.85372	0.2356377	0.646877	-1.54589	0.251596	0.644025	-1.55271	0.0384	0.977892	1.02265	0.0199307	1.60487	1.60487	0.529279	0.660672	-1.49774	0.246294	0.465355	-2.1489	0.0102861	1.38524	1.38524	0.128687	0.353186	-2.83157	1.60092	10.1859	5.65561	1
cg13306361	APOL1;APOL1;APOL1;APOL1	0.259336	0.0514921	0.700417	-1.42772	0.713002	0.1616	0.0616	0.302812	0.84416	-1.18461	0.27793	0.834243	-1.19869	0.992429	1.00153	1.00153	0.18587	1.2527	1.2527	0.473423	1.12426	1.12426	0.326696	1.17662	1.17662	0.247781	0.823584	-2.2142	1.60091	0.654181	0.363227	1
cg05940971	MOAP1;C14orf109;C14orf109	0.259349	0.954381	1.01403	1.01403	0.0421136	1.04123	1.04123	0.603499	0.914359	-1.09361	0.477393	1.14169	1.14169	0.0778732	1.59119	1.59119	0.318402	1.51642	1.51642	0.0312822	1.31622	1.31622	0.0435765	1.93887	1.93887	0.0109554	0.779539	1.77859	1.77859	1.60088	0.7833	0.440633	1
cg25930451	ERICH1	0.25935	0.0342686	1.33777	1.33777	0.944418	1.00825	1.00825	0.220814	1.16376	1.16376	0.903225	0.985771	-1.01443	0.34581	1.12119	1.12119	0.648975	1.05548	1.05548	0.403566	0.904198	-1.10595	0.266239	0.872417	-1.14624	0.14939	1.19978	1.19978	1.60086	0.3519666	0.195431	1
cg17070146	NID1	0.25935	0.73041	0.845466	-1.18304	0.342237	1.658317	1.658317	0.0124	1.38734	1.38734	0.0169219	1.38734	1.38734	0.0169219	1.38734	1.38734	0.521458	1.07243	1.07243	0.655844	1.38453	1.38453	0.0114732	1.38453	1.38453	0.0114732	1.38453	1.38453	1.60086	0.874244	0.574378	1
cg25949886	CD70	0.25952	0.369572	1.21502	1.21502	0.615111	0.898393	-1.1131	0.884015	1.03133	1.03133	0.807961	0.800086	-1.24987	0.0445002	1.62853	1.62853	0.362529	1.21883	1.21883	0.255547	1.28514	1.28514	0.0779947	1.51272	1.51272	0.0784254	0.917245	-1.09022	1.60085	1.13255	0.628859	1
cg00500522	STAT6	0.25953	0.167331	1.52511	1.52511	0.06274	1.07971	1.07971	0.598168	1.82996	1.82996	0.159131	1.52769	1.52769	0.138541	1.525982	1.525982	0.831699	1.27356	1.27356	0.175778	1.51279	1.51279	0.224925	1.42563	1.42563	0.1018442	1.76034	7.65034	1.60085	32.7313	18.1744	1
cg12151293	CNTN2	0.25953	0.190832	1.53304	1.53304	0.3871931	1.87181	1.87181	0.0908135	0.9464449	-1.05658	0.884864	1.03275	1.03275	0.5933	1.11932	1.11932	0.638515	1.2585	?	0.0767343	1.94764	1.94764	0.0174847	1.8111	1.8111	0.66979	1.23175	0.266461	1.78254	1.78254	1.60085	0.19861	0.332496	1
cg03208830	PPP1R13L;PPP1R13L;CD3EAP	0.259357	?	?	?	?	0.6226595	13.8261	1.36327	0.315803	-1.36655	?	?	?	?	?	?	?	?	?	0.956743	0.96393	-1.03742	0.567244	2.03719	2.03719	?	?	1.67128	17.3801	18.1987	1
cg16704958	OSCB3; C14orf118;C14orf118;C14orf118;C14or f118	0.259363	0.0800902	0.214594	-4.65996	0.0640196	0.192104	-5.20552	0.182035	0.325416	-3.07299	0.69312	1.36937	1.36937	0.186939	0.329992	-3.03038	0.124241	0.267333	-3.74065	0.374706	0.485715	-2.05882	0.186771	0.329836	-3.03181	0.767199	1.26528	1.26528	1.60082	15.9261	8.84335	1
cg02908023	f118	0.25965	0.967492	1.02524	1.02524	0.459643	0.630153	-1.58692	0.482638	1.54891	1.54891	0.454761	0.626852	-1.59527	0.216146	0.448497	-2.22967	?	?	?	?	?	?	?	?	?	?	?	?	?	1.66558	6.44155	4.51202	1
cg01246266	TMCB;TMCC6	0.25967	0.409064	0.660005	-1.51479	0.2883688	0.378107	-2.64475	0.425463	1.84858	1.84858	0.0428	2.88302	2.88302	0.952125	0.969725	-1.03122	0.460682	0.694237	-1.44055	0.0451006	0.485176	1.48175	1.48175	0.256096	1.3891	1.3891	0.0614867	0.394475	-2.90065	0.697739	1.2212	1.2212	1.6008	0.646676	0.3508	1
cg22009745	ZBBX	0.259372	0.617348	0.861272	-1.16107	0.1146288	0.410215	-2.43774	0.750751	1.09906	1.09906	0.58777	0.850249	-1.17613	0.658365	1.14099	1.14099	0.671993	1.13455	1.13455	0.403974	1.28804	1.28804	0.953631	0.982912	-1.01739	0.253925	1.42352	1.42352	1.60078	0.82748	2.22742	1.23685	1
cg08878967	NFKB2;NFKB2;NFKB2	0.259375	0.726245	0.927371	-1.07833	0.9032658	0.976546	-1.2572	0.923251	1.03035	1.03035	0.910908	0.976276	-1.0243	0.975857	0.999353	-1.00651	0.391504	0.818369	-1.22219	0.0231574	0.558573	-1.79028	0.947478	1.28119	1.28119	0.295058	1.33218	1.33218	1.60077	1.16653	0.647761	1
cg22046830	EXOSC4	0.259382	0.172615	1.22842	1.22842	0.949101	1.29807	1.29807	0.224594	1.19817	1.19817	0.757961	0.957137	-1.04478	0.760943	1.05499	1.05499	0.149003	1.80305	1.80305	1.24525	0.162074	0.809304	-1.23563	0.614621	1.07461	1.07461	0.373078	0.953546	-1.04872	1.60075	0.509269	0.282795	1
cg25195795	C10orf140	0.259383	0.659906	0.846493	-1.18134	0.315826	1.47743	1.47743	0.431607	1.35266	1.35266	0.902666	1.04712	1.04712	0.218388	0.61433	-1.62779	0.969837	1.01433	1.01433	0.0149746	0.324412	3.0825	0.9341	0.960356	-1.03161	0.8966425	1.05014	1.05014	1.60074	3.59066	1.99388	1
cg26102503	GNAS;GNAS	0.259389	0.805686	0.915656	-1.09264	0.842237	1.65637	1.65637	0.0124	1.38734	1.38734	0.0169219	1.38734	1.38734	0.0169219	1.38734	1.38734	0.521458	1.07243	1.07243	0.655844	1.38453	1.38453	0.0114732	1.38453	1.38453	0.0114732	1.38453	1.38453	1.60074	0.874244	0.574378	1
cg13484341	DNAJ	0.259394	0.195712	0.562244	-1.77859	0.282551	1.59984	1.59984	0.0960859	2.15773	2.15773	0.167049	1.85871	1.85871	0.185318	1.10347	1.10347	0.697348	0.848349	-1.17876	0.0977075	0.465512	-2.14817	0.930904	0.964163	-1.03717	0.799353	1.898359	-1.11314	1.6007	4.48948	2.49306	1
cg17063452	FBXW4	0.259402	0.19821	0.672918	-1.48629	0.2280353	1.16262	1.16262	0.3682	1.1682	1.1682	0.193906	1.03722	1.03722	0.605708	0.795011	-1.25704	0.94932	1.0284	1.0284	0.776105	1.17529	1.17529	0.0427183	1.24814	1.24814	0.0127698	1.42401	2.61308	1.60068	4.71099	2.61308	1
cg10545276	RPS27L; FGF1;FGF1;FGF1;FGF1;FGF1;FGF1; FGF1	0.259404	0.276188	0.778272	-1.2849	0.263073	1.29462	1.29462	0.685837	0.913931	-1.09417	0.536415	1.14861	1.14861	0.047223	1.65284	1.65284	0.628822	1.897809	-1.11382	0.150923	1.40587	1.40587	0.281621	1.78064	-1.281	0.664032	0.90781	1.10155	1.60067	1.24166	0.689525	1
cg18746670	FGF1	0.259406	0.253485	0.560413	-1.7844	0.135792	0.45146	-2.18271	0.162693	0.848972	-2.06198	0.139915	0.462453	-2.16238	0.075503	0.382596	-2.61372	0.425253	0.674329	-1.48494	0.453491	1.45902	1.45902	0.0880274	0.400866	-2.4946	0.265205	0.569034	-1.75736	1.60066	5.9772	3.31929	1
cg00608534	RADS1;RADS1;RADS1;RADS1	0.259417	0.0852374	0.457388	-2.18633	0.269037	0.622998	-1.60514	0.413055	1.4306	1.4306	0.901786	1.05206	1.05206	0.0495996	2.51148	2.51148	0.61252	0.811919	-1.23165	0.327548	0.660024	-1.5151	0.609285	0.809038	-1.23604	0.758718	1.13503	1.13503	1.60062	4.28412	2.37915	1
cg14010398	CD177;CD177	0.259419	0.0940024	0.429536	-2.32809	0.466307	0.710638	-1.40521	0.324171	0.752996	-1.3281	0.160933	0.545869	-2.04796	0.0231247	0.406562	-2.77946	0.0490133	0.344868	-2.90018	0.0211247	0.450657	-2.21907	0.0241091	0.150513	-6.64501	0.0412273	0.270089	-3.70144	1.60062	3.96524	2.48355	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(2 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg01066458	DYNLT1	0.25966	0.772432	0.903761	1.10549	0.0478731	0.23203	2.20303	0.236883	1.54103	1.54103	0.844099	1.07112	1.07112	0.699364	0.873352	-1.14501	0.0732141	0.497983	-2.0081	0.996415	1.0042	1.0042	0.718754	0.881439	-1.13451	0.30404	0.689722	-1.44486	1.59975	3.08542	1.71438	
cg00071137	.lOSD1;.lOSD1	0.25966	0.193622	0.565081	-1.76966	0.80374	1.10885	1.10885	0.125139	2.00684	2.00684	0.863984	1.07374	1.07374	0.089423	0.459737	-2.17516	0.493205	1.33479	1.33479	0.142137	0.518721	-1.92782	0.8094263	0.450737	-2.15511	0.26581	0.656856	-1.5224	1.59974	4.3629	2.42422	1
cg00313498	AFAP1;AFAP1	0.259665	0.0976931	0.69466	-1.43955	0.3170316	1.23048	1.23048	0.0644271	0.659312	-1.51673	0.599701	0.899259	-1.11203	0.457359	0.8592	-1.16387	0.1960143	0.386377	0.0757042	1.55111	1.55111	0.197045	0.950354	-1.05199	0.61404	1.11953	1.59973	1.24911	0.6940166	1
cg00975166	CD44;CD44;CD44;CD44;CD44	0.259665	0.0676862	0.634778	-1.57535	0.5532037	0.874949	-1.14292	0.235156	1.31821	1.31821	0.78993	1.06108	1.06108	0.782185	1.06162	1.06162	0.197463	1.38637	1.38637	0.0757042	1.55111	1.55111	0.197045	0.950354	-1.05199	0.61404	1.11953	1.59973	1.24911	0.6940166	1
cg04940582	CYP26B1	0.259666	0.149185	0.189986	-5.26354	0.638556	0.601704	-1.66195	0.51239	0.488971	-2.04094	0.406257	0.401613	-2.48996	0.0738787	0.117761	-8.49178	0.289437	0.307079	-3.25649	0.030875	0.197239	0.107819	0.153935	-6.49626	0.0356256	0.07237	-13.8179	0.116893	0.160574	-6.22764	1.59973	29.2095	16.2302	1
cg22847251	C19orf62;C19orf62;C19orf62;C19orf62	0.259668	0.870491	0.963415	-1.03797	0.447734	0.837994	-1.19333	0.685571	1.09744	1.09744	0.514254	0.859778	-1.16309	0.887827	0.968275	-1.03276	0.759583	1.07263	1.07263	0.133482	0.690931	-1.44732	0.0851132	1.54473	1.54473	0.0557152	1.6408	1.6408	1.59973	1.32196	0.734549	1
cg05639773	CLSTN1;CLSTN1	0.259683	0.0932281	1.74563	1.71459	0.0427119	1.97614	1.97614	0.148097	1.57303	1.57303	0.247947	1.42385	1.42385	0.176026	1.52203	1.52203	0.258034	1.41143	1.41143	0.2262757	1.44853	1.44853	0.708714	1.1158	1.1158	0.5230455	0.8262794	-1.20949	1.59967	2.51982	1.20014	1
cg12989463	GAB1;GAB1;GAB1;GAB1	0.259686	0.180799	0.762843	-1.31088	0.0595248	1.46954	1.46954	0.631289	1.04148	1.04148	0.336658	0.828018	-1.2077	0.29682	0.813782	-1.22883	0.558529	0.893411	-1.11931	0.53071	0.886049	-1.12861	0.150882	1.94088	1.94088	0.515925	0.882066	-1.1337	1.59966	0.919467	0.510923	1
cg11504739	SCGB1A1	0.259687	0.39575	0.789689	-1.26632	0.408139	1.25822	1.25822	0.135099	0.645767	-1.54855	0.83465	0.944832	-1.05839	0.107601	0.620806	-1.61081	0.548933	0.848193	-1.17898	0.0842461	1.67963	1.67963	0.714716	0.905139	-1.1048	0.215281	0.701798	-1.42491	1.59966	1.86732	1.03762	1
cg01095685	CDC26;CDC26	0.259689	0.0905215	0.246137	-4.06477	0.460933	0.568313	-1.75763	0.376977	0.654858	-1.52768	0.568775	0.476796	-2.09703	0.0554844	0.31674	-3.15774	0.179463	0.127712	-7.83437	0.0126295	0.240075	-4.24025	0.0424252	2.35455	2.35455	0.0586399	2.020951	-0.47653	1.59965	14.298	7.94506	1
cg04866702	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.259691	0.719246	0.938634	-1.07685	0.350763	0.821198	-1.21773	0.940305	0.984756	-1.01548	0.190148	0.753212	-1.32924	0.255389	0.78384	-1.27577	0.117527	0.705455	-1.41752	0.0143292	0.538298	-1.85771	0.897048	1.02691	1.02691	0.807219	0.955091	-1.05142	1.59964	1.06588	0.592286	1
cg25958283	GNAL;GNAL;GNAL;GNAL	0.259697	0.673051	1.64089	1.64089	0.666248	1.6592	1.6592	0.777396	0.718395	-1.39199	0.615043	0.553398	-1.80702	0.172978	0.184127	-5.43104	0.385373	0.354008	-2.82479	0.547606	0.491607	-2.03415	0.0183088	28.2499	28.2499	0.957571	0.939532	-1.06436	1.59962	34.4953	19.1686	1
cg12336935	FBXL4 UBE2J2;UBE2J2;LOC100128842;UBE2J2;	0.259701	0.313708	0.796939	-1.2548	0.537712	1.1456	1.1456	0.269367	0.778361	-1.28475	0.359508	0.814463	-1.2278	0.101163	0.676364	-1.47849	0.995478	0.998766	-1.00124	0.932178	0.981629	-1.01871	0.159429	0.720701	-1.38754	0.0253602	0.560467	-1.78423	1.59961	1.20216	0.668032	1
cg11225330	UBE2J2	0.259702	0.712575	1.08726	1.08726	0.121414	1.4618	1.4618	0.668377	1.10234	1.10234	0.726921	1.0825	1.0825	0.918196	1.0235	1.0235	0.611947	1.12262	1.12262	0.00853924	2.13554	2.13554	0.387325	1.22182	1.22182	0.483523	1.17468	1.17468	1.5996	1.29506	0.719654	1
cg01026898	UCX;UCX;UCX;UCX	0.259705	0.0520607	0.149831	-2.68054	0.930769	1.04237	1.04237	0.664484	1.02174	1.02174	0.276813	0.578308	-1.72918	0.0919323	0.316052	-3.16404	0.37396	0.643461	-1.5541	0.137049	0.461286	-2.16765	0.153773	0.478188	-2.09123	0.44473	0.686341	-1.457	1.5996	5.91263	3.28566	1
cg06294954	CUX1;CUX1;CUX1	0.259715	0.343317	0.258543	2.25858	0.0325784	0.66589	1.50189	0.110226	0.49198	1.48108	0.293177	0.489594	2.04259	0.0179433	0.774633	1.27073	0.341552	2.62682	2.62682	0.0165966	0.859302	1.85393	0.240935	0.78592	2.78592	0.0143581	0.71223	1.40404	1.59956	0.919467	0.510923	1
cg23356831	TMEM121	0.259726	0.0588654	0.602207	-1.66056	0.188325	0.71797	-1.39282	0.615959	0.886737	-1.12773	0.994172	0.998265	-1.00174	0.0627131	0.607868	-1.64509	0.890249	0.967716	-1.03336	0.160566	1.42801	1.42801	0.523789	0.857643	-1.16599	0.548563	0.865639	-1.15522	1.59952	1.43122	0.795361	1
cg02344373	POLE	0.259728	0.265728	0.851667	1.17483	0.204077	0.76523	1.30659	0.0772314	0.72604	1.37756	0.468679	0.672314	1.48864	0.0122332	0.546119	1.08826	1.08826	0.0183662	0.0183662	0.0157152	1.49864	1.49864	0.655192	0.93256	1.07248	0.664004	1.0633	1.0633	1.59951	0.485706	0.269919	1
cg26137794	ATP6V0A2;ATP6V0A2	0.259728	0.381734	1.47099	1.47099	0.262123	1.65373	1.65373	0.159465	1.90938	1.90938	0.701417	1.18026	1.18026	0.468266	0.727982	-1.37366	0.052688	0.387693	-2.57936	0.471467	0.729701	-1.37042	0.79614	0.894602	-1.11782	0.217769	0.572477	-1.7468	1.59951	4.68841	2.60547	1
cg14094823	TRIP4	0.259729	0.602543	1.39569	1.39569	0.13972	0.875602	1.41195	0.353657	0.743478	1.10478	0.43478	?	?	?	2.02423	2.02423	0.257188	1.52103	1.52103	0.0165501	0.442	0.442	0.0903531	58.3232	58.3232	0.0788394	1.40147	1.40147	1.60023	34.9559	23.1241	1
cg14106660	CALCA;CALCA;CALCA	0.25973	0.938589	0.958409	-1.0434	0.604014	0.749417	-1.33437	0.367407	0.600218	-1.66606	0.213017	2.06069	2.06069	0.98001	0.986282	1.01391	0.257188	1.52103	-1.91927	0.074314	0.334094	-2.99317	0.0874253	2.83001	2.83001	0.512389	1.4424	1.4424	1.5995	7.69888	4.27904	1
cg14988396	CDC42;CTD9	0.25973	0.275682	2.0687	2.0687	0.444453	1.64828	1.64828	0.575678	1.4369	1.4369	0.680591	1.3088	1.3088	0.671404	1.3146	1.3146	0.341333	0.879426	-1.13711	0.0132084	0.13958	-7.16435	0.0201119	0.864156	-1.1572	0.782344	1.19426	1.19426	1.5995	10.4096	5.7849	1
cg23730755	GRAMD1B	0.259733	0.662136	1.15162	1.15162	0.0815009	0.529849	1.34733	0.212972	0.30737	1.60837	0.168801	0.8672	1.15314	0.265615	0.76223	-1.31177	0.45266	1.77053	1.77053	0.0013285	0.241377	0.0656165	0.0872762	0.680767	-1.46893	0.723134	0.889574	-1.12443	1.5995	2.74122	1.53388	1
cg04833430	ITGA7;ITGA7;ITGA7;ITGA7;ITGA7	0.259732	0.166505	1.66102	1.66102	0.200372	1.59244	1.59244	0.115389	1.80179	1.80179	0.0863676	1.91876	1.91876	0.812339	1.08525	1.08525	0.434543	1.31557	1.31557	0.425688	0.755928	-1.32288	0.0546227	2.11681	2.11681	0.383562	1.35981	1.35981	1.5995	2.99739	1.66574	1
cg13996522	TRAF3;TRAF3;TRAF3	0.259741	0.300753	1.30455	1.30455	0.137554	0.26554	2.19258	0.0250384	0.522323	-2.67931	0.497545	1.34572	1.34572	0.0859764	0.531822	-1.87991	0.538303	1.68261	-1.46497	0.0455397	0.378521	0.183848	0.0108684	0.0473547	3.90173	0.0139745	0.0479346	9.14023	5.07961	1
cg13906416	PVR;PVR;PVR;PVR	0.259742	0.250697	1.12364	1.12364	0.238131	1.12751	1.12751	0.0795118	1.20842	1.20842	0.727904	0.966545	-1.03451	0.4805	1.07214	1.07214	0.297469	1.1106	1.1106	0.0013761	0.0172404	0.0126424	0.102307	1.02307	0.163509	0.866227	1.15443	1.59946	0.23896	0.1328	1
cg07981869	CHST8;CHST8;CHST8	0.259742	0.131865	0.24233	-4.1266	0.133106	4.10503	4.10503	0.615974	1.55386	1.55386	0.589666	0.622175	-1.60727	0.0805453	0.184657	-5.41544	0.193971	0.301875	-3.31263	0.218828	0.323959	-3.08681	0.862608	0.958981	-1.16295	0.376025	0.453039	-2.20732	1.59946	19.2415	10.6933	1
cg00757250	PXDN	0.259744	0.0624604	0.180148	-5.55103	0.0390695	0.837994	-1.19333	0.891763	1.03183	-1.0885	0.941372	0.741343	-1.34883	0.0238738	0.208757	-4.79095	0.145305	0.368845	-2.71127	0.0126863	0.305033	-3.27834	0.829091	1.15478	1.15478	0.34945	0.8338	0.753631	1.59945	0.646134	0.72631	1
cg18736183	CTXN3;CTXN3	0.259744	0.402962	0.718001	-1.39275	0.0361735	0.389475	-2.56756	0.111558	0.51133	-1.95568	0.555776	0.794025	-1.25941	0.0345922	0.385304	-2.59535	0.484223	0.759453	-1.31674	0.359073	0.69419	-1.44053	0.24433	0.624102	-1.6023	0.263074	0.6366	-1.57085	1.59945	3.79517	2.10915	1
cg19328865	AGAP1;AGAP1	0.259746	0.787834	1.09427	1.09427	0.745195	0.745195	1.34216	0.470537	0.782578	-1.27783	0.41285	1.4005	1.4005	0.219593	1.53899	1.53899	0.930764	1.1092	1.1092	0.0294543	0.866063	1.14303	0.0221836	1.52049	1.52049	0.0134116	1.3752	1.3752	1.59945	0.919467	0.510923	1
cg10942707	KRR1	0.259746	0.0699211	0.658255	-1.51917	0.121948	0.707572	-1.41328	0.217155	1.30725	1.30725	0.726706	0.930155	-1.07509	0.891873	0.972326	-1.02846	0.428568	1.18147	1.18147	0.565111	0.886924	-1.12749	0.510562	0.873151	-1.14764	0.166161	1.35618	1.59945	0.178053	0.599391	1
cg09915835	UGT8	0.259747	0.973128	0.994174	-1.00586	0.561152	0.903089	-1.10731	0.0910749	0.724065	-1.38109	0.366649	1.17455	1.17455	0.160221	1.29728	1.29728	0.127233	0.751137	-1.33124	0.523899	0.893753	-1.11888	0.20415	1.26171	1.26171	0.497587	0.887399	-1.12689	1.59944	0.762317	0.423657	1
cg00035074	TTYH3	0.259749	0.971561	1.01284	1.01284	0.886637	1.7999	1.7999	0.0143891	0.37832	0.37832	0.835781	1.1364	1.1364	0.332866	0.85529	1.85529	0.456266	1.03436	1.03436	0.644882	1.33093	1.33093	0.606505	0.722176	-1.3847	0.875583	0.907994	-1.10113	1.59944	0.86201	0.544189	1
cg12679050	DFFB;KIAA0562	0.259753	0.164212	0.456559	-2.1903	?	?	?	0.195477	0.485188	-2.06106	?	?	?	?	0.285265	1.79728	1.79728	?	?	?	0.0903531	0.373142	-2.67994	0.36885	0.6141637	-1.6283	0.726934	0.830946	-1.20345	1.61194	4.749	3.92819	1
cg26131932	LTBP3	0.259754	0.0354721	0.493555	-2.02453	0.180794	1.61177	1.61177	0.347388	1.50098	1.50098	0.86307	1.4597	1.4597	0.10597	0.831996	-1.20297	0.69373	1.14219	1.14219	0.0161006	0.0189554	0.0127355	0.0115854	0.317289	3.15447	0.0756502	0.488621	2.04147	1.59943	2.68836	1.53855	1
cg08884193	PRPF8	0.259755	0.217803	0.836247	-1.19582	0.556675	0.108546	1.08546	0.057875	1.34416	1.34416	0.518784	1.09442	1.09442	0.895903	1.00174	1.00174	0.347096	0.874986	-1.14288	0.0691575	1.32377	1.32377	0.9138	1.01505	1.01505	0.319233	1.52156	1.52156	1.59941	0.481975	0.267862	1
cg14776738	DENND3C	0.259756	0.757111	1.16448	1.16448	0.0781105	0.412818	-2.42238	0.575713	1.2912	1.2912	0.913724	1.57144	1.57144	0.640931	0.808715	-1.23653	0.541117	0.756063	-1.32264	0.852775	1.08759	1.08759	0.745331	0.863028	-1.15871	0.0327174	1.09378	1.09378	1.59941	5.17506	2.87609	1
cg25994470	PRKAR1A	0.259763	?	?	?	?	0.838378	1.26108	0.183057	0.573178	1.73242	?	?	?	?	?	?	0.0599288	0.124335	-8.0428	?	?	?	0.856547	1.19056	1.19056	0.582057	1.71009	1.71009	1.66724	13.3194	11.2012	1
cg03577655	VWC2	0.259769	0.571048	1.09602	1.09602	0.0293345	0.703091	-1.42229	0.63756	0.92682	-1.07896	0.736838	1.0555	1.0555	0.346378	0.823545	-1.21426	0.158135	0.785334	-1.27334	0.153963	0.788145	-1.2769	0.828705	0.965894	-1.03531	0.0625821	0.714904	-1.39879	1.59936	0.649656	0.361064	1
cg15956152	NFE2L2;NFE2L2;NFE2L2	0.25977	0.0962362	0.611922	-1.63396	0.0668366	0.838378	1.26108	0.507038	1.37571	1.37571	0.380316	1.25971	1.25971	0.0999403	0.793959	-1.25959	0.455132	1.08053	1.08053	0.0872762	0.0859	0.0779599	0.0242006	0.761232	-1.31311	0.0319312	0.14083	-7.09988	0.0258602	2.74122	1.53388	1
cg14841965	OIG71	0.259776	0.988827	0.997911	-1.00209	0.343836	0.115677	-1.15677	0.454128	0.892366	-1.12062	0.310061	1.16985	1.16985	0.614767	1.07874	1.07874	0.381672	1.14339	1.14339	0.0253488	1.48736	1.48736	0.579147	1.08727	1.08727	0.0565128	1.38132	1.38132	1.59934	0.564994	0.314015	1
cg14771238	GLI3	0.259784	0.227304	0.795099	-1.25716	0.107096	0.649201	-1.21256	0.984561	1.00659	1.00659	0.0859	1.60254	1.60254	0.0159	0.531822	-1.87991	0.532008	1.13129	1.13129	0.315647	0.945153	1.25456	0.0159	1.19443	1.19443	0.0399349	0.565706	1.7677	1.59931	4.66519	2.60956	1
cg15707544	UBE4B;UBE4B;UBE4B;UBE4B	0.259788	0.79653	1.16934	1.16934	0.560273	0.837787	-1.19088	0.0722126	0.6831	1.6831	0.673695	0.11636	1.11636	0.382269	1.26176	1.26176	0.292296	1.58083	1.58083	0.876851	0.937071	-1.06716	0.989916	0.994717	-1.00531	0.902104	0.94973	-1.05293	1.59928	0.44968	2.47315	1
cg00757259	RTP3;RTP3;RTP3;MARCH10	0.259793	0.769663	0.884204	-1.13096	0.0458845	2.60947	2.60947	0.835659	0.916616	-1.09097	0.461304	1.36937	1.36937	0.0486242	0.389046	-2.57039	0.589403	1.33025	1.33025	0.0144799	0.0640	0.0470545	0.0140	1.10873	1.10873	0.0956033	-3.27834	0.829091	1.15478	1.34945	0.8338	0.753631	1
cg14308254	FAM83A;FAM83A	0.259797	0.211904	2.00343	2.00343	0.0506325	3.12723	3.12723	0.699971	0.841961	-1.22705	0.721305	1.20836	1.20836	0.276644	0.8407	0.8407	0.286781	1.57393	-1.79407	0.560209	1.36514	1.36514	0.059361	3.07928	3.07928	0.348351	1.66559	1.66559	1.59926	7.07216	3.93078	1
cg14482744	EXT1	0.259798	0.377592	1.19477	1.19477	0.309587	0.722854	-2.08626	0.749765	1.1454	1.1454	0.211413	1.74809	1.74809	0.581613	0.789704	-1.2663	0.328852	0.489864	-2.04138	0.554735	0.776557	-1.28848	0.0230152	0.649027	-1.54577	0.159342	0.491555	1.49555	1.59926	4.55832	2.53357	1
cg28243476	OZZ3	0.259801	0.353921	1.42244	1.42244	0.873076	0.942878	-1.06058	0.737503	2.48436	2.48436	0.168107	0.579447	-1.72578	?	0.579447	-1.72578	0.474545	0.764748	-1.30762	0.147732	0.766514	-1.35749	0.506599	0.780328	-1.282	0.852044	1.07111	-1.07111	1.65708	3.09028	1.63178	1
cg13712586	TRIM31	0.259802	0.190625	0.631968	-1.58236	0.0304804	2.02118	2.32111	0.992658	0.969058	-1.00305	0.824992	1.07609	1.07609	0.329486	0.716697	-1.39529	0.393303	1.33584	1.33584	0.941581	0.975851	-1.02475	0.525852	0.808275	-1.2372	0.212415	1.54483	1.54483	1.59925	2.77735	1.5437	1
cg13486093	CAS2C1;CAS2C1	0.259803	0.268386	0.644144	-1.55216	0.0764286	0.642487	-1.55608	0.0927438	0.624637	-1.6015	0.0902625	0.672453	-1.48708	0.0744267	0.549572	-1.81935	0.889385	1.24606	1.24606	0.0282964	0.64838	0.543228	-1.84128	0.0201	1.24606	0.0282964	0.64838	0.543228	-1.84128	0.0201	1.24606	0.0282964	1.70387	-1.42774	1.5992	4.24021	2.14745	1
cg05685435	INHBE	0.259806	0.893767	1.0844	1.0844	0.0886841	0.320178	-3.12327	0.0258596	0.200992	-4.97533	0.45284	0.628893	-1.59009	0.551811	0.694136	-1.44064	0.24783	0.480604	-2.08072	0.14351	0.385465	-2.59427	0.161183	0.403522	-2.47818	0.933039	0.52528	1.59923	0.52528	0.93549	0.53775	1
cg25984037	HIVEP3;HIVEP3	0.259813	0.45573	1.1849	1.1849	0.155821	0.70677	-1.41489	0.196597	0.731951	-1.36621	0.0889776	1.5353	1.5353	0.0865701	0.610904	-1.63708	0.963684	1.01047	1.01047	0.0902003	0.52703	0.52703	0.0134503	0.743503	1.23903	0.249409	0.0983039	-1.00169	1.59923	1.33281	0.735359	1
cg00710862	TGOLN2	0.259821	0.0694454	0.305192	-3.27662	0.112099	0.36384	-2.74846	0.0567909	0.283668	-3.52525	0.177555	0.432836	-2.31034	0.101978	0.353118	-2.84642	0.248414	0.626917	-1.5965	0.0941564	0.5	0.5	0.0227619	0.732537	0.726563	-1.37634	0.570802	0.861872	1.16026	1.5991	0.70514	0.947863	1
cg06644256	BRUNOL5	0.259831	0.254637	1.29851	1.29851	0.453246	1.1827	1.1827	0.159978	1.39058	1.39058	0.0730154	1.55137	1.55137	0.370046	1.22405	1.22405	0.202858	0.744353	-1.34345	0.0821613	1.52644	1.52644	0.860073	1.03951	1.03951	0.749881	0.932168	-1.07277	1.59921	1.2216	0.679003	1
cg07538884	PVRL2	0.259843	0.0841914	0.588398	-1.70004	0.45265	0.672001	-1.48809	0.409535	1.31633	1.31633	0.0916601	1.22958	1.22958	0.0601334	0.813303	-1.22961	0.529801	1.13196	1.13196	0.642491	0.896283	-1.01991	0.181794	0.750046	-1.33325	0.0576777	1.12296	1.12296	1.5992	1.04068	0.579557	1
cg25115792	MED12L;P2RY14;P2RY14	0.259857	0.305055	0.670598	-1.49121	0.26004	1.55583	1.55583	0.39942	0.72285	-1.38341	0.216194	0.612843	-1.63174	0.0426076	0.415708	-2.40553	0.987521	1.0059	1.0059	0.55135	1.25452	1.25452	0.409656	1.37333	1.37333	0.215872	1.61261	1.61261	1.59919	1.63236	0.599128	1
cg23157982	FAF1	0.259864	0.161684	0.496296	-2.01993	0.0154192	0.84357	-1.18569	0.0243585	0.259102	-3.85949	0.270274	0.782594	-1.27818	0.0390203	0.323504	-3.09107	0.177738	0.395955	-2.52581	0.124964	0.441005	-2.26752	0.0152153	0.581353	-1.72017	0.0135977	0.329553	0.894784	1.67884	1.59917	0.577	0.37955	1
cg12700102	AIDA;C1orf58;AIDA	0.259865	0.666805	0.930031	-1.07523	0.0213832	0.629345	-1.58895	0.22701	0.808635	-1.23665	0.730211	1.05969	1.05969	0.661925	0.928965	-1.07647	0.175316	1.27299	1.27299	0.904058	0.980008	-1.0204	0.305158	0.837088	-1.19462	0.433661	0.874715	1.14323	1.59917	0.710321	0.394829	1
cg01446611	OXT	0.259837	0.380102	1.44982	1.44982	0.122251	1.52477	1.52477	0.347349	0.67086	-1.49062	0.0811088	0.450309	-2.2207	0.0921515	0.104638	0.04618	0.783577	1.12029	1.12029	0.0821629	2.21331	2.21331	0.891148	1.05811	1.05811	0.201292	0.57307	-1.74499	1.59912	4.31048	2.39603	1
cg18576013	AGPAT3;AGPAT3	0.259851	0.173866	0.415914	-2.40514	0.0208286	0.798722	-1.25209	0.540078	1.10067	-1.65681	0.12445	1.12445	1.12445	0.0966398	0.742437	-1.34695	0.040403	0.706752	-1.41492	0.252329	1.203	1.203	0.278086	1.19504	1.19504	0.644563	0.930608	1.07447	1.5907	0.605541	0.336606	1
cg08688512	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.259852	0.614215	0.900956	-1.10993	0.2723	0.790984	-1.26425	0.155985	1.36542	1.36542	0.560534	1.12837	1.12837	0.20298	1.31756	1.31756	0.164933	0.737787	-1.35525	0.338259	1.22454	1.22454	0.799313	1.05367	1.05367	0.0868834	1.47403	1.47403	1.59907	1.06642	0.592803	1
cg16343195	HIVEP3;HIVEP3	0.259853	0.0564135	0.155846	-3.03771	0.0271012	0.31386	0.31386	0.0498886	0.6124	0.6124	0.802424	1.2201	1.2201	0.465245	1.82505	1.82505	0.543136	1.64584	1.64584	0.066155	1.37396	1.37396	0.239233	1.41681	1.41681	0.862248	1.46221	1.46221	1.59907	16.1559	9.22534	1
cg14458328	FBXO4;FBXO4	0.259854	0.0823593	2.90656	2.90656	0.70594	2.3139	2.3139	0.874595	0.916151	-1.09152	0.100902	0.369279	-2.70798	?	?	?	?	?	?	0.662029	0.783583	-1.27619	0.348135	1.70847	1.70847	0.161154	1.23119	4.3281	1
cg20809470	SLC17A6	0.259855	0.867864	1.1152	1.1152	0.350675	1.87571	1.87571	0.320295	1.959	1.959	0.427841	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1121 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
ql0312996	ABCC12 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.260133	0.0609055	6.648322	-1.54732	0.207259	0.759744	-1.31623	0.285969	0.7953369	-1.07228	0.2300906	0.7564722	-1.12193	0.055488	0.638637	-1.56583	0.473356	0.600129	-1.16262	0.343707	1.22327	0.272327	0.274384	0.79059	-1.26468	0.3928993	0.834576	-1.19821	1.09807	1.08039	0.600944	1
ql0733497	M2;ABLIM2	0.260134	0.149453	3.084502	-2.30274	0.887304	0.90686	-1.1071	0.273237	0.4555587	-2.10497	0.4808388	0.6154908	-1.62407	0.0239101	0.140864	-7.09903	0.9410887	0.9503117	-1.05238	0.33004	0.505308	-1.97899	1.59806	12.03516	6.6923	1
ql2812502	ITGB1;ITGB1	0.260134	0.979183	0.8856404	-1.12912	0.770128	0.103842	1.103824	0.5616197	1.218558	1.218558	0.1127985	1.78091	1.78091	0.068949	0.980963	-1.01321	0.548804	1.122684	1.122684	0.0462127	0.663021	-2.15973	0.7819087	0.9106886	-1.09807	0.1026691	1.825278	1.825278	1.59806	2.87654	0.60001	1
ql2648235	GPR3N3;GPR3N3	0.260135	0.701048	1.05052	1.050252	0.6548834	1.30326	1.303326	0.8959949	1.01686	1.01686	0.533094	1.084	1.084	0.9914439	0.99863	-1.00137	0.6630283	0.770364	-1.29809	0.244294	0.855879	-1.16839	0.9993318	0.9998891	-1.00011	0.2114551	1.183156	1.183156	1.59806	0.413313	0.229795	1
ql5869122	ITPK8	0.260135	0.0909901	0.602961	-1.65848	0.0688098	0.5749098	-1.73914	0.0263301	0.4487857	-2.04459	0.6025111	0.866949	-1.15347	0.479002	0.823276	-1.21509	0.482444	0.823675	-1.21407	0.132274	0.643139	-1.55487	0.993409	0.78805	-1.26809	0.4795121	0.822572	-1.2157	1.59806	1.88677	1.03947	1
ql2404751	PEU2	0.260136	0.363748	0.568103	-1.76024	0.0128337	0.153805	-6.50176	0.2111896	0.45083	-2.21813	0.4326039	0.624381	1.624381	0.470138	0.640739	-1.5607	0.688822	0.783592	-1.27617	0.613859	0.734745	-1.36102	0.7257447	0.807866	-1.23783	0.5964496	1.38223	1.38223	1.59806	9.28891	5.16677	1
ql0642669	WDR46;WDR46	0.260136	0.100801	0.539452	-3.12702	0.0218794	0.328441	-6.6543	0.1454521	0.371772	-2.68982	0.990854	0.9463531	-1.05649	0.197723	0.422282	-2.36809	0.506933	0.652905	-1.53161	0.3264864	0.526535	-1.89921	0.437425	0.654132	1.65132	0.949741	0.980873	-1.04072	1.59805	10.1471	5.64418	1
ql0608935	BEST1;BEST1	0.260138	0.299062	0.735187	-1.3602	0.454112	0.805775	-1.24104	0.273883	1.38463	1.38463	0.139028	1.537451	1.537451	0.737297	0.742167	-1.20895	0.199603	0.678859	-1.47306	0.571571	0.849246	-1.17752	0.15098	0.644109	-1.55253	0.0196686	1.47294	1.47294	1.59805	2.06767	1.15011	1
ql2787516	SRPK2	0.260141	0.723086	0.929912	-1.07537	0.743229	1.06944	1.06944	0.357192	1.21337	1.21337	0.0527433	1.56788	1.56788	0.0325653	1.66685	1.66685	0.190474	1.32732	1.32732	0.163387	1.35503	1.35503	0.992628	1.00189	1.00189	0.776233	1.05993	1.05993	1.59804	1.05579	0.587268	1
ql0330122	C21orf30	0.260144	0.126236	1.5875	1.54259	0.178455	0.153553	1.553	0.473723	0.8358244	-1.22575	0.0432596	0.5232	1.314461	0.4159351	1.26347	-1.26347	0.930951	0.97608	-1.02451	0.126415	0.630079	-1.5871	0.925761	0.9997	1.000153	0.126439	0.807225	0.808356	1.59803	1.97522	1.0987	1
ql2736279	MYO17	0.260148	0.919608	0.967177	-1.03394	0.818048	0.926649	-1.07916	0.576163	1.20526	1.20526	0.172268	1.616554	1.616554	0.608073	0.756357	-1.32213	0.702697	-1.44309	0.147203	0.672331	0.672331	1.667231	0.459418	0.512877	1.95078	0.0053131	0.483651	-2.06761	0.302852	0.702697	-1.42309	0.147203	0.672331	0.459418	1.28277	1.28277	1.59801	2.76593	1.53854	1
ql0947592	ZNF688;ZNF688;ZNF688	0.260151	0.296816	0.817332	-1.22351	0.507731	1.113151	1.113151	0.905878	1.0233	1.0233	0.514228	1.13456	1.13456	1.12456	1.1806	1.1806	1.529301	1.130901	1.130901	0.14114	0.884019	-1.6114	0.884019	1.17915	1.17915	0.417524	1.163004	1.163004	1.59801	0.8802212	0.489617	1
ql0597260	MON1B;MON1B	0.260154	0.841258	0.911283	-1.09735	0.194973	1.887717	1.887717	0.843244	0.8961597	-1.11587	0.120015	0.457779	-1.18446	0.323325	0.623187	-1.60414	0.0565119	0.367799	-2.71888	0.741629	1.16565	1.16565	0.423826	0.6849437	-1.45999	0.251307	1.74239	1.74239	1.59799	5.43177	3.102144	1
ql0592066	RAB28;RAB28;RAB28	0.260164	0.914568	1.03194	1.03194	0.0498213	0.519141	-1.92626	0.041038	0.500139	-1.99546	0.161631	0.645351	-1.54954	0.211192	0.679774	-1.47108	0.145662	0.632687	-1.58056	0.822191	0.936428	-1.06785	0.295125	0.727493	-1.37458	0.444821	0.79593	-1.25639	1.59796	2.17304	1.20879	1
ql4918503	DPZC	0.260168	0.701343	0.97108	-1.03042	0.876345	1.0356	1.0356	0.131265	0.695935	-1.44195	0.672844	0.940507	-1.1001	0.631077	1.11481	1.11481	0.203413	1.35198	1.35198	0.0521474	1.64247	1.64247	0.557282	0.875176	-1.14263	0.194271	0.734564	-1.36315	1.59794	1.27305	0.710372	1
ql0663801	TJAP1	0.260167	0.0319418	0.0179306	-55.7704	0.397731	0.250267	-3.99573	0.90899	0.832821	-1.20074	0.166239	10.608	10.608	0.352087	4.62717	4.62717	0.17669	0.10051	-9.94022	0.628349	0.458157	-2.18266	0.7543	0.605159	-1.65246	0.7715577	1.59311	1.59311	1.59794	64.7681	36.0288	1
ql2087587	RPS6KA2;RPS6KA2	0.260175	0.808389	1.09201	1.09201	0.240011	1.56161	1.56161	0.303236	0.679537	-1.47159	0.999768	1.00011	1.00011	0.360815	0.711524	-1.40543	0.345842	1.42153	1.42153	0.0758114	2.0461	2.0461	0.0207075	0.497606	-2.00962	0.90122	0.956027	-1.046	1.59792	3.32181	1.84786	1
ql1668548	ERC1;ERC1;ERC1;ERC1;ERC1	0.260175	0.253912	0.228031	-4.38537	0.234158	4.69617	4.69617	0.161595	6.38957	6.38957	0.981993	1.0284	1.0284	0.0698302	0.080821	-12.373	0.393837	0.338339	-2.95561	0.515059	0.440852	-2.26834	0.670884	1.69954	1.69954	0.188194	0.177258	-5.64148	1.59792	38.9612	21.6734	1
ql2073144	FBXO11;FBXO11;FBXO11	0.260181	0.0724668	7.39207	1.78202	0.0249344	2.663943	2.5544	0.0608979	0.595386	-1.67958	0.2000032	2.84149	2.84149	0.0175911	3.5677	3.5677	0.759084	1.3594	1.3594	?	?	?	0.1004952	0.160885	-6.21677	0.746243	1.722141	1.38477	1.65876	20.0531	12.0892	1
ql0542272	CBN3	0.260184	0.315062	0.580494	-1.72267	0.2994488	1.82889	1.822889	0.277975	2.79605	2.56899	0.739815	-1.35169	0.9092534	0.9420553	-1.06151	0.64803	0.786139	-1.27204	0.637726	1.28186	1.28186	0.969685	0.980301	-1.02009	0.678806	0.804123	-1.24359	1.59788	6.93626	3.85858	1
ql3952195	MTHFR;CLCN6;MTHFR;CLCN6;CLCN6;CL CN6	0.260186	?	?	?	0.5330331	1.39237	1.39237	0.3341277	1.69159	1.69159	0.623644	0.771962	-1.2954	0.340043	0.595271	-1.67991	0.190853	2.09178	2.09178	0.0461687	0.285252	-3.50567	0.4160331	1.5484	1.5484	0.906277	0.940378	-1.0634	1.72999	6.31655	2.7384	1
ql0675935	MKX	0.260187	0.947356	1.01733	1.015772	0.675563	-1.48464	0.977063	1.00751	1.007751	0.137224	1.51658	1.515658	0.715827	0.909267	-1.09979	0.453007	0.05101035	1.78808	0.916651	0.973133	-1.02761	0.118769	1.553353	1.553353	0.971447	0.990731	-1.00936	1.597388	1.712887	0.95286	1
ql0583842	CDL14A1	0.260189	0.16182	2.9048	1.0004	0.9974435	0.223439	-2.54758	0.502179	0.4796602	-2.18477	0.3394114	0.369205	-2.70817	0.2734524	0.3662168	-2.73121	0.2324347	3.3425	3.3425	0.187043	3.84732	3.84732	0.529715	0.541518	-1.84666	0.4938827	0.5111985	-1.95318	1.59787	23.4908	13.0679	1
ql3123540	UBTD2	0.260197	0.341284	1.80945	1.809451	0.429523	2.5811	2.5811	0.1078	1.76624	1.76624	0.176992	1.12329	1.12329	0.6503704	1.03757	-1.03757	0.387074	1.41992	1.41992	0.57014	2.54448	2.54448	0.0157439	0.2487453	2.62825	0.1318021	1.59402	1.59402	1.59784	3.95707	2.20151	1
ql2480637	ADO	0.260203	0.337015	1.18841	1.188411	0.228774	1.2464	1.2464	0.459075	1.14049	1.14049	0.256797	1.22924	1.22924	0.237573	1.24081	1.24081	0.629328	0.918683	1.088511	0.24848	0.808201	-1.23414	0.0611834	0.669219	-1.44469	0.680932	1.07492	1.07492	1.59782	1.76955	0.428115	1
ql0577937	SEC31B	0.260205	0.051137	2.56057	2.56057	0.159261	0.528993	-1.89038	0.32112	0.649194	-1.54037	0.580265	1.26674	1.26674	0.481789	0.738849	-1.35346	0.300305	1.57516	1.57516	0.286895	1.59699	1.59699	0.298355	1.57827	1.57827	0.755618	1.1413	1.1413	1.59781	4.53471	2.52273	1
ql1840338	MUC2	0.260205	0.12614	2.2869	2.2869	0.353115	1.02059	1.02059	0.744458	1.17605	1.17605	0.352731	1.62485	1.62485	0.0197533	2.44344	2.44344	0.557764	0.743534	-1.3449	0.0272848	0.7208382	-1.69178	0.5598173	1.30454	1.30454	0.485504	0.701684	-1.42514	1.59781	1.82307	1.53763	1
ql0372434	ZNF25	0.260217	0.473158	0.669111	-1.49452	0.0145504	0.190619	-5.24607	0.163634	0.441015	-2.26749	0.488716	0.678855	-1.47307	0.193095	0.468367	-2.13508	0.128672	0.404812	-2.47028	0.24594	0.512593	-1.95087	0.278472	0.537622	-1.86004	0.421305	0.63609	-1.5721	1.59777	7.64768	4.26967	1
ql1755239	WNT10B	0.260295	0.479485	1.20225	1.202247	0.2009	1.251517	-1.26317	0.304987	0.74054	-1.34964	0.1294562	1.162158	1.162158	0.67168	0.930009	-1.07463	0.605057	1.28394	1.28394	0.0880994	1.707303	-1.70241	0.0588733	0.2127703	-4.70045	0.0249564	0.1584446	-6.31299	1.59768	12.3638	7.738293	1
ql2047500	KIAA1598;KIAA1598	0.260323	0.0942711	0.600653	-1.66485	0.896335	1.03678	1.03678	0.03406	1.98468	1.98468	0.786711	1.07805	1.07805	0.898862	0.965378	-1.03586	0.442262	0.804845	-1.24247	0.435677	1.24655	1.24655	0.754337	0.916969	-1.09088	0.260183	1.38465	1.38465	1.59772	1.94302	1.081	1
ql2776287	KCTD1;KCTD1;KCTD1	0.260231	0.11452	2.291733	-3.42779	0.651141	0.721301	-1.38638	0.988665	0.988077	-1.01207	0.507169	0.61696	-1.62085	0.112156	0.288972	-3.46055	0.913098	0.924642	-1.0815	0.0145146	0.115187	-8.6815	0.972234	0.97533	-1.02529	0.583155	0.675439	-1.48052	1.59772	13.0342	7.25156	1
ql1334456	TATDN2;TATDN2	0.260231	0.603541	1.09514	1.095141	0.0881	1.09859	1.09859	0.947295	1.0133	1.0133	0.506237	0.874941	1.14424	0.0626064	0.748435	-1.62645	0.340655	1.21675	1.21675	0.0414357	0.625133	-1.59966	0.72284	0.931326	-1.07374	0.624031	0.806254	-1.24004	1.59772	1.62001	0.56192	1
ql1408735	C9orf96	0.260239	0.704045	0.806968	-1.23921	0.383323	0.603746	-1.65632	0.025695	0.225593	-4.43276	0.0815052	0.337883	-2.9596	0.106828	0.371806	-2.68958	0.468658	0.660778	-1.51337	0.56122	0.720054	-1.38878	0.178259	0.447631	-2.23398	0.15929	0.42944	-2.32861	1.59769	7.99099	4.44585	1
ql0412105	DCAF6;IMPA4;DCAF6;IMPA4;IMPA4;IMPA4	0.260239	0.0885139	0.645071	-1.54965	0.0433274	0.146568	-1.04268	0.949892	1.13043	1.13043	0.714665	1.19362	1.19362	0.0337467	1.46567	1.46567	0.940319	1.12496	1.12496	0.583805	1.085475	-1.11673	0.7114883	0.9107906	1.02769	0.0967443	1.14037	1.14037	1.59770	1.09706	0.554547	1
ql2488360	HDAC4	0.260242	0.42272	0.572282	-1.74739	0.879195	0.901531	-1.10922	0.334516	1.97063	1.97063	0.128874	3.12455	3.12455	0.062268	2.239212	2.1804	0.526241	0.645536	-1.5491	0.152835	0.352214	-2.83078	0.0137439	0.379679	0.51135	-1.95561	1.59769	11.7541	6.53949	1
ql0523092	CUEDC1	0.260243	0.2545	0.536105	-1.86531	0.040068	0.284469	-3.46658	0.143164	0.438483	-2.28059	0.766924	0.855779	-1.16853	0.160712	0.45608	-2.1926	0.279021	0.554475	-1.80351	0.3411122	0.598096	-1.67197	0.31201	0.578099	-1.72981	0.2588389	1.85348	1.85348	1.59767	6.94697	3.86504	1
ql0316779	EPHX1	0.260256	0.7613209	0.909207	-1.10029	0.545864	1.154323	1.154323	0.482973	1.34642	1.34642	0.483195	1.24643	1.24643	0.445677	1.19362	1.19362	0.388972	1.19442	1.19442	0.488095	1.254672	-1.11673	0.7114883	0.9107906	1.02769	0.0967443	1.14037	1.14037	1.59767	1.09706	0.554547	1
ql2655096	LPAR5;LPAR5	0.260261	0.487929	0.695042	-1.43876	0.417151	1.53429	-1.53429	0.037747	3.46934	3.46934	0.134511	0.434737	-2.30024	0.734487	0.839072	-1.19179	0.889724	0.930886	-1.07425	0.248451	1.86419	1.86419	0.349262	1.86302	1.86302	0.889063	1.07471	1.07471	1.59761	6.74335	3.75191	1
ql0483151	C1orf83;TMEM59	0.260265	0.204113	0.67902	-1.47303	0.0744249	0.1725	-5.79555	0.0263301	0.4487857	-2.04459	0.6025111	0.866949	-1.15347	0.479002	0.823276	-1.21509	0.482444	0.823675	-1.21407	0.132274	0.643139	-1.55487	0.993409	0.78805	-1.26809	0.4795121	0.822572	-1.2157	1.59761	1.88677	1.03947	1
ql1702866	HRH1;HRH1;HRH1	0.260266	0.0879184	0.270576	-3.69582	0.29024	0.46681	-2.1422	0.253409	0.436971	-2.28848	0.350847	0.513518	-1.94735	0.0520821	0.21573	-4.63542	0.566607	0.668948	-1.49489	0.0758172	0.2533716	-3.94142	0.878615	0.8993516	-1.11191	0.0737332	0.25067	-3.98931	1.59759	12.1892	6.782	1
ql1218363	GULP1	0.260268	0.127977	2.317874	-3.16742	0.645329	0.531584	-1.88118	0.215156	0.4607851	-2.17061	0.1033888	0.351794	2.843151	-1.99597	0.501933	-1.99267	0.899503	0.944648	-1.05868	0.5943	0.7143978	-1.39981	0.2473912	0.7143978	-1.39981	0.2473912	0.538511	-1.85697	1.59759	12.6154	7.07913	1
ql3947088	SYT7	0.260273	0.123697	7.7573	7.7573	0.0224633	28.7706	-28.7706	0.187287	5.56908	5.56908	0.314775	0.937838	0.937838	0.424534	0.425538	-2.35048	0.330311	3.74078	3.74078	0.0308301	4.43802	4.43802	0.352983	0.21294	3.82584	0.121294	0.121294	12.1294	1.59757	39.1075	21.2531	1
ql2545360	ALDH3A1	0.260274	0.325689	0.544	-1.83824	0.0170994	0.174859	-5.71888	0.356405	0.566055	-1.76661	0.735733	1.22535	1.22535	0.255489	0.490575	-2.03842	0.392043	0.590926	-1.69226	0.847033	1.12284	1.12284	0.211636	0.454112	-2.2021	0.501211	1.50613	1.50613	1.59757	9.10623	5.00672	1
ql4655101	TUBB2C	0.260278	?	?	?	0.5330331	1.39237	1.39237	0.3341277	1.69159	1.69159	0.623644	0.771962	-1.2954	0.340043	0.595271	-1.67991	0.190853	2.09178	2.09178	0.0461687	0.285252	-3.50567	0.4160331	1.5484	1.5484	0.906277	0.940378	-1.0634	1.72999	6.31655	2.7384	1
ql1019305	UBTD2	0.260284	0.119388	1.382758	-7.23283	0.989217	-1.01567	-1.01567	0.986369	1.01985	1.01985	0.274428	0.270193	-3.70106	0.120351	0.143872	-6.95064	0.248809	1.249778	-4.00356	0.0316364	0.0550517	-18.1647	0.1471	0.166886	-5.992211	0.219115	0.226002	-4.42475	1.59753	33.5045	18.6424	1
ql2138251	WDPY1	0.260286	0.0837088	0.774209	-1.29144	0.549251	1.08439	1.08439	0.179022	1.21028	1.21028	0.388805	0.888624	-1.12534	0.580784	0.928139	-1.07742	0.988401	1.00195	1.00195	0.300732	0.866438	-1.15415	0.9478303	1.08437	1.08437	0.0909951	2.2831	2.2831	1.59752	0.452254	0.251642	1
ql0404252	NUMB;NUMB;NUMB;NUMB	0.260286	0.651159	0.674008	-1.48167	?	?	?	?	?	?	?	?	-1.42355	?	0.6808018	?	0.153928	0.0733377	-13.6356	?	?	-1.04203	2.29156	-2.29156	0.163207	0.0856059	-1.16814	8.10502	23.1448	0.5760558	1
ql1784154	ARHGEF16	0.260287	0.575761	0.828773	-1.2066	0.495255	0.796247	-1.25589	0.560388	0.822331	-1.21606	0.464107	0.780726	-1.28086	0.0219784	0.401392	-2.49133	0.216926	0.64981	-1.53969	0.417108	0.593603	-1.68437	0.0468813	0.469654	-2.12923	1.59752	2.79205	1.55355	1
ql1222948	FAM63B	0.260287	0.111587	3.000504	-3.33333	0.167451	0.574646	-1.74069	0.142945	0.597466	-1.67396	0.80918	0.79282	-1.26128	0.264838	0.592906	-1.68661	0.575627	1.37066	1.37066	0.0901001	1.53326	1.53326	0.249719	1.49657	1.49657	0.364494	1.90126	1.90126	1.59752	2.98833	1.67331	1
ql0107837	PLEKHA2	0.260288	0.525357	1.43353	1.433353	0.128293	2.50918	2.50918	0.165103	2.29008	2.29008	0.776214	0.85259	-1.1729	0.149473	2.37465	2.37465	0.109131	2.65816	2.65816	0.0450518	3.62159	3.62159	0.170975	2.26089	2.26089	0.951679	0.966657	-1.03449	1.59752	7.92263	4.40831	1
ql0355449	NEURL	0.260289	0.821091	1.042726	-1.09252	0.178594	1.8114	1.8114	0.751105	1.44902	1.44902	0.843966	1.08983	1.08983	0.537455	0.764453	-1.3131	0.193339	0.548328	-1.82372	0.197075	0.987534	-1.01262	0.861368	1.07929	1.07929	0.133807	0.496756	-2.01306	0.785151	0.48154	2.6828	1
ql0498468	MPHOSPH6 EGFR;EGFR;EGFR;EGFR;EGFR;EGFR;EGF	0.260292	0.301297	0.570032	-1.75429	0.132421	2.34465	2.34465	0.128769	2.36683	2.36683	0.701744	1.22378	1.22378	0.109697	0.400448	2.49721	0.294172	0.564944	-1.77009	0.601676	0.811234	-1.23269	0.41495	1.5485	1.5485	0.488452	1.46482	1.46482	1.5975	4.96869	3.87755	1
ql0409460	R;EGFR	0.260292	0.733571	1.07846	1.07846	0.720151	0.923543	-1.08279	0.933376	1.01866	1.01866	0.012067	0.500549	-1.9978	0.519354	0.865527	-1.15537	0.118734	0.68769	-1.45414	0.271226	0.776275	-1.2882	0.979625	1.00566	1.00566	0.767208	0.936473	-1.06784	1.5975	1.23678	0.688175	1
ql0736134	GSG1L	0.260295	0.13121	0.679595	-1.47147	0.859344	0.958828	-1.04294	0.182841	0.715301	-1.39801	0.556603	0.697621	-1.43344	0.149655	0.693401	-1.44217	0.387741	1.23448	1.23448	0.0912581	2.18241	2.18241	0.0313705	0.468021	-1.76038	0.738427	0.923635	-1.08268	1.59749	1.42147	0.790944	1
ql2995789	HLA-DRB1	0.260305	0.585485	1.1633	1.163303	0.311384	1.46034	1.46034	0.162337	2.04576	2.04576	0.0104412	1.26746	1.26746	0.0944836	1.61011	1.61011	0.0228511	2.34266	2.34266	0.0149963	2.98153	2.98153	0.0119423	0.1102281	11.0228	0.0110228	0.0149963	-2.38116	0.597336	0.622324	0.455934	11.0868	1
ql0257029	WDR75	0.260306	0.369913	0.815814	-1.22577	0.892148	0.970454	-1.03045	0.117449	1.45633	1.45633	0.848246	1.04326	1.04326	0.0257988	0.556977	-1.7954	0.552863	0.875702	-1.14194	0.226041	0.752161	-1.3295	0.947439	0.985531	-1.01468	0.845836	1.04397	1.04397	1.59744	1.23655	0.688075	1
ql1240775	PIELID2;PIELID2;PIELID2	0.260311	0.308295	1.38323	1.383241	0.313541	1.37806	1.37806	0.043614	2.04294	2.04294	0.107326	1.71728	1.71728	0.502047	0.810909	-1.23318	0.95122	1.019	1.019	0.357811	0.747571	-1.33767	0.358425	0.748055	-1.3368	0.925833	0.92606	1.02906	1.59743	2.39459	1.33246	1
ql0522498	ODF3	0.260314	0.085673	2.380014	-2.85873	0.165388	0.56388	-1.77338	0.0263301	0.4487857	-2.04459	0.6025111	0.866949	-1.15347	0.479002	0.823276	-1.21509	0.482444	0.823675	-1.21407	0.132274	0.643139	-1.55487	0.993409	0.78805	-1.26809	0.4795121	0.822572	-1.2157	1.59743	1.88677	1.03947	1
ql0752303	ZNF425;ZNF398	0.260315	0.654548	0.880316	-1.13596	0.613827	1.15491	1.15491	0.274218	0.724685	-1.37991	0.552055	0.843428	-1.18564	0.0466141	0.524702	-1.90584	0.842407	1.05796	1.05796	0.496539	0.822508	-1.21579	0.508888	1.20885	1.20885	0.0349222	0.498713	-2.00516	1.59742	2.02672	1.12778	1
ql0201639	SNHG5	0.260315	0.821091	1.042726	-1.09252	0.178594	1.8114	1.8114	0.751105	1.44902	1.44902	0.843966	1.08983	1.08983	0.537455	0.764453	-1.3131	0.193339	0.548328	-1.82372	0.197075	0.987534	-1.01262	0.861368	1.07929	1.07929	0.133807	0.496756	-2.01306	0.785151	0.48154	2.6828	1
ql0539122	NAV1;MIR1231;NAV1	0.260316	0.669269	0.751152	-1.33129	0.0940661	0.40726	-3.40726	0.080754	0.516519	1.01619	0.982384	0.10481	1.01481	0.131482	0.337806	-2.96028	0.242533	1.442868	-2.25801	0.339943	0.519471	-1.92504	0.0954718	0.38614	3.38614	0.741627	1.24649	1.24649	1.59742	11.2195	6.24311	1
ql1765288	HDAC9;HDAC9;HDAC9;HDAC9;HDAC9	0.260321	0.931161	1.04681	1.046811	0.231747	0.514758	-1.94266	0.459196	1.49036	1.49036	0.751652	0.845278	-1.18304	0.939196	1.04122	1.04122	0.40787	0.638766	-1.56552	0.0139546	0.2003557	-4.99108	0.176774	0.467575	-2.13869	0.7050399	0.817669	-1.22299	1.5974	7.09164	3.94621	1
ql1772764	RSPH1	0.260324	0.19074	0.80038	-1.24941	0.274835	0.831103	-1.20033	0.745141	0.948931	-1.05382	0.26498	0.829684	-1.20528	0.930624	1.01409	1.01409	0.15967	0.909552	-1.09944	0.0731241	0.725268	-1.3788	0.35749	0.818978	-1.22103	0.0891363	1.35162

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg24000221	VPS26B	0.260582	0.475318	0.808221	1.24037	0.465498	0.29457	1.24657	0.64735	1.14645	1.14645	0.492386	0.8511102	1.22886	0.01193083	0.431861	1.23156	0.743213	0.907059	-1.10246	0.14486	0.628363	1.59144	0.484225	1.23484	1.23484	0.718063	1.11359	1.59647	2.22637	1.23961	1
cg15538820	OBP2B	0.260585	0.350352	0.588655	-1.69879	0.114548	0.38823	-2.57576	0.389198	1.62654	1.62654	0.829848	1.13069	1.13069	0.134203	0.410513	-2.43597	0.173264	0.449863	-2.2229	0.369925	0.601943	-1.66129	0.106952	0.379027	-2.63833	0.330089	1.74027	1.74027	1.59646	7.68376	4.27823	1
cg16573328	ZNF804A;ZNF804A	0.260585	0.486249	1.34953	1.34953	0.605976	0.80215	-1.24665	0.729543	0.863251	-1.15841	0.904867	0.950604	-1.05196	0.508532	0.752642	-1.32865	0.166878	1.86712	1.86712	0.0541	2.52499	2.52499	0.329817	1.53124	1.53124	0.0544422	2.52081	2.52081	1.59646	4.53885	2.52718	1
cg26875219	EVC2;EVC	0.260594	0.22974	6.19819	6.19819	0.034156	41.5244	41.5244	0.0697156	20.2405	20.2405	0.869724	1.26311	1.26311	?	?	0.61296	2.07058	2.07058	0.917777	1.15825	1.15825	0.495196	2.69304	2.69304	1.7301	41.0737	20.3401	1
cg00231920	VPS16;VPS16;FAM113A;FAM113A	0.260595	0.775388	0.935316	-1.06916	0.290241	1.29249	1.29249	0.78227	1.0669	1.0669	0.940371	1.01673	1.01673	0.524493	1.16272	1.16272	0.296656	1.2878	1.2878	0.0156148	0.500089	-1.99964	0.567535	0.873653	-1.14462	0.78072	1.06741	1.06741	1.59642	1.3815	0.769222	1
cg27362989	HLA-DRB5	0.260596	0.772741	1.22351	1.22351	0.191677	0.381777	-2.63933	0.14086	0.33173	-3.0145	0.185865	0.65693	0.65693	0.515726	1.5282	1.5282	0.098031	3.57295	3.57295	?	?	0.829592	1.16201	1.16201	0.367778	1.90503	1.60007	10.9322	6.83236	1
cg03734225	NCRNA00176;NCRNA00176;PRPF6	0.260601	0.717098	1.08706	1.08706	0.0453367	1.69335	1.69335	0.0475255	1.68202	1.68202	0.0691603	1.5944	1.5944	0.575711	1.13851	1.13851	0.51293	1.16443	1.16443	0.324489	1.26293	1.26293	0.804111	0.994581	1.05867	0.945262	0.984371	-1.01588	1.5964	1.33073	0.740964	1
cg10078899	DTNB;DTNB;DTNB;DTNB;DTNB	0.260603	0.634079	0.909021	-1.10008	0.374148	0.804247	-1.2434	0.0235318	0.583884	-1.71267	0.172701	1.33465	1.33465	0.229682	0.778247	-1.28494	0.179095	0.935674	-1.06875	0.679259	1.08652	1.08652	0.515239	0.879705	-1.13756	0.425369	0.850504	-1.17577	1.5964	1.00943	0.553752	1
cg08152198	C21orf29;KRTAP1-2	0.260604	0.146035	2.11833	4.7207	0.335153	0.37217	-2.68694	0.605828	0.595909	-1.67831	0.208899	0.360967	-3.8319	0.103389	0.166921	-5.99087	0.153659	0.2201963	-4.50526	0.0258748	0.0720307	-13.883	0.168389	0.232312	-4.30456	0.262945	0.313283	1.1927	1.59639	25.004	13.9225	1
cg08164315	PTGER4	0.260604	0.0419517	0.314367	-3.18099	0.729642	0.842591	-1.18682	0.718832	0.836541	-1.1954	0.274086	0.570162	-1.75389	0.351969	0.623212	-1.60459	0.769079	1.15643	1.15643	0.0222407	0.258503	-3.86843	0.753891	0.85619	-1.16797	0.383477	0.643277	-1.55454	1.59639	6.16187	3.431	1
cg05501868	ADAMTS9	0.260605	0.0596145	1.05962	1.05962	0.113363	0.685451	1.24641	0.0495543	2.08598	2.08598	0.425759	1.30859	1.30589	0.423667	0.7649	-1.30753	0.626264	1.17474	1.17474	0.0194634	2.18506	2.18506	0.925732	1.23484	1.23484	0.193107	0.98852	0.99529	-1.00473	1.59639	2.72239	1.51586	1
cg03186851	WNT3	0.260606	0.0593788	7.39414	7.39414	0.292891	2.78917	2.78917	0.165957	4.00994	4.00994	0.972896	0.968566	-1.03245	0.418556	2.57501	2.17501	0.356451	2.49305	2.49305	0.766868	1.32245	1.32245	0.588559	0.598463	-1.67095	0.0299677	11.0274	11.0274	1.59638	22.3426	12.4406	1
cg24247627	AANAT;AANAT	0.260611	0.315797	0.625948	-1.59868	0.758793	1.14905	1.14905	0.0844555	1.44305	1.44305	0.549003	1.84161	0.543024	0.695496	-1.4371	0.0173564	0.241845	4.13488	0.241845	0.20736	4.82325	0.207356	0.550841	-1.81541	0.65881	0.818363	-1.22185	1.59637	5.14456	2.86459	1
cg05936550	ABCF1;ABCF1	0.260615	0.0540011	0.732667	-1.36498	0.135294	1.25728	1.25728	0.695443	1.03888	1.03888	0.788557	0.964247	-1.03708	0.775391	1.04152	1.04152	0.203524	0.826236	-1.21031	0.111333	0.782664	-1.27769	0.595232	1.67924	1.67924	0.107924	0.939184	1.01091	1.01091	1.59635	0.511354	0.284735	1
cg05867360	LARP4B	0.260615	0.458899	0.697786	-1.4331	0.0995465	0.362361	2.36631	0.149405	2.09085	2.09085	0.997282	1.00163	1.00163	0.0402598	0.322826	-3.09764	0.890664	0.936482	-1.06783	0.696735	1.20548	1.20548	0.922652	0.954719	-1.04743	0.716292	0.840176	-1.19023	1.59635	5.75589	3.20503	1
cg10039188	C6orf155	0.260621	0.703908	0.805387	-1.15184	0.597259	1.16684	1.16684	0.644855	1.41375	1.41375	0.45639	1.24547	1.24547	0.804765	0.930837	-1.0743	0.122734	1.39305	1.39305	0.0200037	1.74448	1.74448	0.297979	1.23845	1.23845	0.529073	0.881263	-1.13473	1.59632	0.993386	0.553154	1
cg13212963	PACRG;PACRG;PACRG	0.260624	0.668862	1.08903	1.08903	1.117988	1.40001	1.40001	0.582152	1.11645	1.11645	0.488757	1.14966	1.14966	0.853344	1.03684	1.03684	0.122734	1.39305	1.39305	0.0200037	1.74448	1.74448	0.297979	1.23845	1.23845	0.529073	0.881263	-1.13473	1.59632	0.993386	0.553154	1
cg10936152	ZNF785	0.260625	0.832548	1.03075	1.03075	0.0790824	0.96361	-1.03776	0.212804	1.20643	1.20643	0.137199	1.2573	1.2573	0.844227	1.02853	1.02853	0.937227	0.988798	-1.01133	0.945209	0.799552	-1.25073	0.0453289	0.72009	-1.38872	0.894154	1.01922	1.01922	1.59631	0.527171	0.287981	1
cg26861946	CDH6;CDH6	0.260631	0.108983	1.504129	-1.48452	0.0795247	0.749703	-1.35386	0.879393	1.03305	1.03305	0.207475	0.755956	-1.32003	0.773488	0.941504	-1.06213	0.274535	0.788619	-1.26804	0.0292141	0.58469	-1.71031	0.587119	1.12134	1.12134	0.709507	1.0813	1.0813	1.5963	1.1703	0.614199	1
cg02569698	TULP1	0.260634	0.0598766	4.77	4.77	0.2590099	2.37836	2.37836	0.443269	1.77754	1.77754	0.455841	1.74876	1.74876	0.576341	0.661549	-1.5116	0.799947	0.829556	-1.20546	0.439186	1.78711	1.78711	0.736668	1.28192	1.28192	0.0230221	7.39352	7.39352	1.59628	13.6906	7.62358	1
cg03727227	SH3BP5L	0.260639	0.2509621	0.537217	-1.86194	0.912517	1.05265	1.05265	0.0873019	0.485284	-2.46745	0.178418	1.13788	1.13788	0.202827	0.553822	-1.80528	0.208804	0.604335	-1.65471	0.0364036	0.321251	-3.11282	0.120446	0.845498	-1.1954	0.729211	0.850233	-1.17615	1.59627	3.55044	3.06852	1
cg13930552	THAP8;WDR62;WDR62	0.260644	0.728968	1.09028	1.09028	0.142744	1.49711	1.47911	0.0214102	1.98751	1.98751	0.249665	0.741602	-1.34843	0.609018	1.13676	1.13676	0.770089	0.929769	-1.07554	0.540457	0.857288	-1.16647	0.573018	1.15201	1.15201	0.519572	1.17612	1.17612	1.59625	1.5609	0.869206	1
cg09886179	PIEL1D2;PIEL1D2;PIEL1D2	0.260645	0.185462	1.24133	1.24133	0.249387	0.633166	1.23024	0.107582	1.23024	1.23024	0.107582	0.833166	1.23024	0.107582	0.833166	1.23024	0.107582	0.833166

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Probeset ID	UCSC_REFGENE_NAME SULT1A1;SULT1A1;SULT1A1;SULT1A1;SULT1A1;S	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(1247T vs. N)	Fold-Change(1 vs.1247T)	p-value(1347T vs. N)	Fold-Change(1 vs.1347T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. N)	Fold-Change(5 vs.537T)	p-value(563T vs. N)	Fold-Change(5 vs.563T)	F(Error)
cg26624097	ULT1A1	0.26101	0.725206	0.865275	-1.1557	0.67268	0.84183	-1.18789	0.30434	0.6465	-1.54679	0.788121	1.11637	1.11637	0.0124674	0.279486	-1.57799	0.36208	0.681048	-1.46833	0.461554	1.35981	1.35981	0.74238	0.873498	-1.14482	0.2051	0.577988	-1.73014	1.59495	4.24698	2.36691	1
cg20367218	CD248	0.26101	0.0213839	0.358148	-2.79214	0.558317	1.24585	1.24585	0.288293	1.50587	1.50587	0.652066	1.18359	1.18359	0.609132	1.21107	1.21107	0.817665	0.917818	-1.08954	0.323917	0.685014	-1.45983	0.276345	0.656738	-1.52268	0.416566	0.73468	-1.36114	1.59493	3.48326	1.9413	1
cg08652492	TFDP1;TFDP1	0.26102	0.323695	0.70526	-1.41792	0.016754	2.3701	2.3701	0.186449	0.637531	-1.61935	0.546579	0.813376	-1.22947	0.469223	0.777045	-1.28693	0.249836	0.662326	-1.50983	0.548404	1.23127	1.23127	0.755232	0.809405	-1.11308	0.546521	0.811354	-1.23251	1.59491	2.9646	1.65226	1
cg10585486	EGLN2	0.26102	0.24703	0.47985	-2.08399	0.0639672	0.53605	0.53605	0.584122	1.3984	1.3984	0.208528	2.23511	2.23511	0.106526	0.304331	-2.91282	0.477739	0.645402	-1.54942	0.858397	1.11442	1.11442	0.929339	0.947618	-1.05528	0.441339	0.623085	-1.61009	1.5949	9.29576	5.18081	1
cg21215325	AQR	0.26106	0.115629	0.350241	-2.85317	0.206387	0.441523	-2.26489	0.856775	0.895102	-1.11719	0.601551	0.73285	-1.3815	0.0496259	0.23545	-4.26349	0.160504	0.398674	-2.50832	0.042258	0.238097	-4.19997	0.512166	0.665122	-1.50348	0.584213	0.712491	-1.40353	1.5948	0.59247	5.29707	1
cg22441185	NALCN	0.26104	0.361247	0.706416	-1.4156	0.0810878	0.488601	-2.04666	0.116325	0.531552	-1.88128	0.0675629	0.468421	-2.13483	0.0552766	0.447263	-2.23582	0.583861	0.814774	-1.22733	0.956998	1.02017	1.02017	0.980955	0.99119	-1.00889	0.226758	0.625021	-1.59995	1.5946	3.46389	1.93058	1
cg21572163	CTBP2;CTBP2	0.26105	0.90312	1.09056	1.09056	0.6602088	4.4528	4.4528	0.0823619	4.02452	4.02452	0.255458	2.48951	2.48951	0.179121	0.51901	-1.92648	0.445485	1.74246	1.74246	0.815778	0.86589	-1.18079	0.909744	1.09408	1.09408	0.2030989	2.63683	2.6368	1.64938	12.86	6.11138	1
cg08222618	TMEM175	0.26106	0.225105	0.76883	1.26883	0.228404	2.94307	2.94307	0.738242	0.750976	-1.3316	0.456051	0.522982	-1.91211	0.783548	1.26507	-1.26507	0.13974	0.34801	-2.87305	0.0454572	0.43866	0.43866	0.0956244	0.47344	0.47344	0.683112	0.704362	-1.41973	1.5946	18.4165	10.2644	1
cg10036372	PTPRN2;PTPRN2;PTPRN2	0.26104	0.153756	0.386883	-2.58476	0.442889	1.6266	1.6266	0.495871	1.53721	1.53721	0.197178	0.428374	-2.33441	0.0871881	0.309012	-3.23612	0.330086	0.535283	-1.86817	0.0613804	0.269659	-3.70838	0.605745	0.723419	-1.38232	0.30774	0.518653	-1.92807	1.5943	9.76657	5.44345	1
cg00098814	MAP2K1	0.26103	0.506302	0.863176	-1.15806	0.343257	0.76603	0.76603	0.35	0.923597	-1.0826	0.421521	1.21594	-1.21594	0.0179911	0.0161685	-6.19079	0.0972192	0.201581	-4.95863	0.0139743	0.649752	-1.53905	0.441786	0.329244	-1.48353	0.0360587	0.178374	-2.10534	0.0360587	1.78374	1.59483	1.41209	0.7981844	1
cg11929896	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.26105	0.0837417	0.544238	-1.83743	0.421747	0.7668	0.7668	-1.30412	0.0437889	0.04803	-2.0832	0.29138	0.701719	-1.42507	0.585498	0.540636	-1.84967	0.752756	1.10551	1.10551	0.174696	0.626835	-1.59532	0.154032	0.610349	-1.63841	0.765344	0.907698	-1.10169	1.59483	2.64401	1.47366	1
cg07713268	PAN3;LOC100288700;PAN3	0.26106	0.955157	1.02121	1.02121	0.0601797	1.55741	1.55741	0.0741761	1.53079	1.53079	0.0420748	1.65073	1.65073	0.0625802	0.943321	-1.06008	0.708937	0.922867	-1.08358	0.356681	1.06577	1.06577	0.776293	0.940937	-1.06273	0.818149	1.09252	1.09252	1.59482	1.55	0.6446664	1
cg08958618	FGF14	0.26104	0.084623	0.201248	-4.96898	0.890589	0.890752	-1.12505	0.184945	0.3163	3.2163	0.330103	0.429658	-2.33243	0.0963518	0.215527	-4.63979	0.88437	0.884866	-1.13012	0.355041	0.449456	-2.22491	0.209344	0.328827	-3.04111	0.129086	0.251943	-3.96916	1.5948	17.8459	9.94662	1
cg19631815	DTX1	0.26105	0.50328	2.12756	2.12756	0.2472888	19.5253	0.263824	18.4412	56.4113	1.90986	1.909866	0.791457	1.263	0.0226842	0.144112	-6.93942	0.655153	0.64811	-1.54281	0.473608	2.24806	0.641352	1.55962	1.68439	0.698596	1.54106	1.54106	1.5948	31.2018	17.3909	1
cg21682418	C5orf54;C5orf54	0.26106	0.235672	0.779874	-1.28226	0.253726	1.26685	1.26685	0.261888	1.2637	1.2637	0.499662	1.81247	1.81247	0.0139662	0.0441334	-2.26611	0.0469219	0.634431	-1.57622	0.31686	0.813015	-1.22999	0.920781	0.980296	-1.0201	0.298931	1.24033	1.24033	1.59477	1.0086	0.563429	1
cg00153101	PLCH2	0.26104	0.0759942	0.377762	-2.64717	0.237537	1.84049	1.84049	0.887774	0.932754	-1.07209	0.307318	0.593926	-1.68371	0.140557	0.457689	-2.18489	0.482201	0.703178	-1.42212	0.229478	0.537048	-1.86203	0.0982497	0.408993	-2.44503	0.199581	0.512659	-1.95062	1.59476	6.13892	3.42173	1
cg23762196	CNOT1;CNOT1	0.26107	0.597608	1.11865	1.11865	0.348571	1.94889	1.94889	0.262646	1.225515	1.225515	0.648337	1.10148	1.10148	0.0236804	0.76566	-1.76566	0.217773	1.13182	1.13182	0.545032	1.13362	1.13362	0.656391	1.57534	1.57534	0.874405	0.967252	-1.03386	1.59475	1.11907	0.629753	1
cg11229315	AHDC1	0.26103	0.723976	0.730417	-1.36908	0.268198	2.77811	2.77811	0.254876	2.66686	2.66686	0.818973	1.2252	1.2252	0.0221324	0.0221324	-4.51634	0.870707	0.865616	-1.15525	0.447438	0.503595	-1.98572	0.485134	0.553414	-1.80742	0.296562	0.598284	-1.67128	1.59474	2.59162	1.59474	1.11001	1
cg20034856	SLMAP	0.26108	0.287124	0.491752	-2.03355	0.223377	0.439752	-2.27401	0.696875	0.77772	-1.28581	0.220295	0.437097	-2.28782	0.0122335	0.134744	-7.4215	0.790475	1.1865	1.1865	0.21846	0.435509	-2.29616	0.668761	0.758514	-1.31837	0.355517	0.543169	-1.84105	1.5947	10.4157	5.80559	1
cg26460924	PAPPA2	0.26101	0.0650202	0.219348	-4.56028	0.302072	0.672192	-1.48739	0.210904	0.468383	-2.15594	0.466599	0.649368	-1.53996	0.0417822	0.263972	-3.78892	0.234428	0.481656	-2.07638	0.234071	0.489363	-2.04284	0.358206	0.329344	-3.0355	0.14855	0.34909	-2.86485	0.570201	-1.75377	1.59473	8.67825	4.78144	1
cg00659559	SCRN1;SCRN1;SCRN1;SCRN1	0.26101	0.626283	0.85949	-1.16348	0.649671	0.86998	-1.14982	0.959901	1.00017	1.00017	0.51874	1.22106	1.22106	0.105332	0.582612	-1.71641	0.2512	0.693495	-1.44197	0.0387551	0.207549	0.20749	0.392504	0.30662	-3.30662	0.657771	0.827244	-1.14581	1.59473	2.35417	1.31219	1
cg13716787	LOC100133985	0.26104	0.360474	0.654035	-1.52897	0.0964873	0.92682	0.92682	-1.07885	0.42021	0.42021	0.703819	0.724286	-1.38067	0.623754	1.53178	-1.53178	7	7	7	7	0.0754444	0.182299	-5.36773	0.648445	0.68137	-1.46763	0.433749	1.95224	1.95224	7	7	1.65514	13.9136	8.40364	1
cg23616579	ADPRHL1;ADPRHL1	0.26108	0.0587614	0.486198	-2.05677	0.209906	0.639945	-1.56263	0.0950848	0.538174	-1.85813	0.793429	0.915164	-1.0927	0.0363638	0.439618	-2.2747	0.362566	0.728971	-1.3718	0.548924	0.814752	-1.22737	0.204509	0.636171	-1.57191	0.222691	0.648647	-1.54167	1.5971	2.88209	1.60648	1
cg07960691	BIAAP2;BIAAP2;BIAAP2;BIAAP2	0.26102	0.145101	0.514933	-1.942	0.382696	0.46188	-2.16488	0.422768	0.41526	-2.41526	0.888688	1.0612	1.0612	0.0224523	0.313532	-3.18947	0.510607	0.753477	-1.32718	0.641699	0.819734	-1.21991	0.553785	1.30645	1.30645	0.804636	1.11085	1.11085	1.59469	4.54412	2.53201	1
cg23236959	PRKCE;11	0.26089	0.3908813	0.6806455	-1.46938	0.0839682	0.22482	-2.71452	0.217424	0.100833	0.66584	1.50228	0.2662	0.2662	0.0184264	0.182572	5.4755	0.555205	1.13685	1.13685	0.0128315	0.26091	0.26091	0.0048254	0.0161	0.0161	0.0161	0.0161	1.59468	1.59468	6.67064	4.18318	1
cg19273655	RNF122	0.26092	0.358841	1.45974	1.45974	0.0975011	2.482402	-2.07296	0.177084	0.562603	-1.77745	0.252591	1.61462	1.61462	0.732673	1.14735	1.14735	0.525424	1.29431	1.29431	0.112622	0.500368	-1.99853	0.6566334	1.19648	1.19648	0.3174477	0.6608818	-1.51328	1.59466	4.05936	2.26275	1
cg14308479	ASCL2	0.26107	0.0978373	0.20043	-4.99041	0.583709	1.64982	1.64982	0.354348	1.344212	-2.90595	0.144696	0.407107	0.407107	0.0216804	0.0216804	-4.61273	0.828271	1.2493	1.2493	0.122496	0.222422	-4.47584	0.0826897	0.0826897	0.0826897	0.0826897	0.0826897	1.59464	1.59464	20.2833	11.3064	1
cg10779454	IQSEC2;IQSEC2;IQSEC2	0.26097	0.0511919	0.260171	-3.84362	0.46453	1.57049	1.57049	0.608638	1.36772	1.36772	0.649081	0.757454	-1.32021	0.0870603	0.318741	-3.13735	0.0975901	1.332132	-3.01085	0.246151	0.479287	-2.08643	0.947585	0.910467	1.04067	1.04067	0.975047	1.0176	1.0176	1.59464	9.28618	5.17633	1
cg22946150	SH3GL1;SH3GL1;SH3GL3	0.26102	0.25672	0.790539	-1.26496	0.261724	1.26159	1.26159	0.119748	1.39817	1.39817	0.346153	1.21243	1.21243	0.526138	1.13603	1.13603	0.0806385	1.46917	1.46917	0.322203	0.816242	-1.22513	0.417302	0.848249	-1.1789	0.432996	1.17218	1.17218	1.59462	0.995616	0.554985	1
cg24145685	STK11	0.26105	0.85044	1.04632	1.04632	0.8403271	1.615344	1.615344	0.8405665	1.610619	-1.63768	0.352682	1.14385	1.14385	0.0965365	0.871384	-1.1834	0.633251	1.12222	1.12222	0.775276	0.945231	-1.05789	0.594247	1.19356	1.19356	0.5961	1.14528	1.14528	0.809337	1.19356	1.59461	1.14528	0.809337	1
cg14557909	NEK8	0.26123	0.0722075	1.31193	1.31193	0.983106	1.00287	1.00287	0.93887	1.100444	1.100444	0.710013	1.05184	1.05184	0.22485	0.84156	-1.18827	0.314656	0.868757	-1.15107	0.382757	1.12875	1.12875	0.994816	0.78324	-1.27675	0.254361	0.851256	-1.17474	1.59455	0.462361	0.257745	1
cg07493005	C21orf125	0.26098	0.407953	0.744555	-1.34283	0.0866644	0.61385	0.61385	0.176053	0.88021	0.88021	0.730541	0.901903	0.901903	-1.10892	0.437807	0.559775	1.12782	1.29364	1.29364	0.0855851	0.1378	0.1378	0.0176179	0.16093	0.16093	0.0563	0.05073	0.05073	0.05073	0.05073	0.585732	1
cg15607761	CYTH3	0.26128	0.440237	1.24848	1.24848	0.470087	1.23022	1.23022	0.0415326	0.515473	-1.93996	0.312044	1.34295	1.34295	0.33181	1.32618	1.32618	0.873358	0.95602	-1.046	0.15989	1.52715	1.52715	0.187976	1.48197	1.48197	0.992788	1.00255	1.00255	1.59453	2.00761	1.11917	1
cg26221394	BRP44;OCAF6;BRP44;BRP44;OCAF6	0.26129	0.793492	1.04421	1.04429	0.4207	0.87253	-1.14554	0.348335	1.1729	1.1729	0.248419	0.8819155	-1.22053	0.228845	1.23194	1.23194	0.901999	1.02056	1.02056	0.114401	0.755778	-1.32314	0.144441	0.75308	-1.32788	0.215788	1.24008	1.24008	1.59452	0.688959	0.384069	1
cg27457201	RPTOR;RPTOR	0.26103	0.365513	0.746106	-1.33979	0.0196982	0.22482	-4.46265	0.13766	0.288577	3.5238	0.497282	0.708682	-1.41107	0.0222758	0.252689	-3.95745	0.0744444	0.186299	-5.36773	0.648445	0.68137	-1.46763	0.433749	1.95224	1.95224	7	7	1.65514	13.9136	8.40364	1
cg00204159	FAM83G;SLC5A10;SLC5A10	0.26133	0.101779	0.216545	0.216545	0.250969	0.39936	0.39936	0.126811	0.53039	0.53039	0.650093	1.59338	1.59338	0.854898	1.20531	1.20531	0.525894	1.92637	1.92637	0.272864	3.20314	3.20314	0.0474759	10.1024	10.1024	0.0475604	10.0911	10.0911	1.59451	26.2784	14.6494	1
cg01270047	ARHGAP26;ARHGAP26	0.26118	0.426057	0.708548	-1.41139	0.0955307	0.52348	0.52348	0.96087	1.008007	1.008007	0.0282627	0.612736	1.632554	0.0240446	0.0240446	-4.15933	0.820992	1.0438	1.0438	0.564566	0.895624	-1.11654	0.907445	0.813915	-1.22911	0.59851	0.713913	-1.40114	1.59451	0.919573	0.581673	1
cg03523189	INPP5B	0.26148	0.835438	0.904816	-1.1052	0.488674	1.40249	1.40249	0.557198	1.33109	1.33109	0.269806	0.575478	-1.73769	0.0294025	0.816608	-1.22458	0.913279	1.05378	1.05378	0.105717	0.427513	-2.33911	0.411718	0.667585	-1.49794	0.706585	1.19943	1.19943	1.59446	2.83897	3.25514	1
cg12351433	LHCGR	0.26151	0.189455	0.35346	0.35346	0.251604	3.55209	3.55209	0.217757	0.94385	0.94385	0.771819	1.36033	1.36033	0.33089	2.89138	2.89138	0.902052	1.13917	1.13917	0.718069	0.681339	-1.4677	0.0232719	17.6351	17.6351	0.0881332	7.32657	7.32657	1.59445	28.2814	15.7666	1
cg10794799	HECW2	0.26153	0.520835	0.748502	-1.33596	0.12729	0.76061	-1.31455	0.704067	0.6144	-1.62775	0.0556574	0.4296096	-2.32843	0.0106096	0.334733	-2.98625	0.784	1.18525	1.18525	0.0106096	0.334733	-2.98625	0.0106096	0.334733	-2.98625	0.0106096	0.334733	-2.98625	1.59445	0.855849	0.477129	1
cg04197313	IQCH;IQCH;IQCH;IQCH;AAGAB	0.26151	0.254595	0.730786	-1.36839	0.491415	0.831719	-1.20233	0.833926	0.945821	-1.05728	0.450767	0.816608	-1.22458	0.241055	0.932982	-1.07238	0.0769064	0.59132	-1.67977	0.0449692	0.545172	-1.83458	0.241055	1.38207	1.38207	0.50359	1.19597	1.19597	1.59444	1.75544	0.978644	1
cg00325458	REL	0.26142	0.749242	0.871884	-1.14698	0.456693	0.82725	-1.20879	0.894725	1.03229	1.03229	0.899288	0.668847	-1.49515	0.0244946	0.0244946	-4.08383	0.0744444	0.186299	-5.36773	0.648445	0.68137	-1.46763	0.433749	1.95224	1.95224	7	7	1.65514	13.9136	8.40364	1
cg26480039	BIAAP2;BIAAP2;BIAAP2;BIAAP2	0.26157	0.531007	1.33682	1.33682	0.441087	1.43242	1.43242	0.0479225	2.81366	2.81366	0.536679	0.751115	-1.33135	0.0889252	0.423891	-2.3591	0.482478	0.722418	-1.38424	0.671469	0.822704	-1.2155	0.260671	0.584695	-1.71029	0.698078	0.836674	-1.19521	1.59443	5.28431	2.94599	1
cg19798832	PAPD7;PAPD7	0.26158	0.0402165	0.163632	-6.11128	0.81726	1.17445	1.17445	0.0840153	1.441649	1.441649	0.241745	0.582588	-1.71648	0.189899	0.542161	-1.84447	0.376039	0.66935	-1.49393	0.128069	0.484141	-2.06551	0.376039	0.678353	-1.47438	0.128069	0.484142	-2.06944	1.59442	4.90946	2.73792	1
cg07955754	TAS2R4	0.26165	0.349744	0.852296	-1.1733	0.55015	0.84041	-1.19059	0.499048	1.01655	1.01655	0.972506	0.712756	-1.40339	0.0210424	0.76065	-1.31466	0.324126	0.769602	-1.29937	0.19292	0.31639	0.31639	0.102967	0.743644	-1.34473	0.385987	0.862809	-1.15901	1.5944	0.696161	0.388115	1
cg03113502	STL	0.26169	0.63117	1.16576	1.16576	0.606313	1.17919	1.17919	0.378742	1.33155	1.33155	0.858521	1.05821	1.05821	0.0991634	0.563963	-1.77317	0.980502	1.00778	1.00778	0.0254527	0.430827	-2.32112	0.301111	0.711966	-1.40456	0.905008	0.962853	-1.03858	1.59438	2.53879	1.41541	1
cg26208877	GPBP1L1;TMEM69	0.26191	0.323959	0.667711	-1.49824	0.0207441	1.61534	1.61534	0.0805665	1.610619	-1.63768	0.352682	1.32885	1.32885	0.0965365	0.871384	-1.1834	0.633251	1.12222	1.12222	0.775276	0.945231	-1.05789	0.594247	1.19356	1.19356	0.5961	1.14528	1.14528	0.809337	1.19356	1.59431	1.14528	0.809337	1
cg03848676	PLA2G6;PLA2G6	0.26173	0.972929	1.00697	1.00697	0.0872595	1.47144	1.47144	0.171405	1.347	1.347	0.139238	1.38479	1.38479	0.663829	0.914424	-1.09358	0.46087	1.166	1.166	0.0594122	1.54544	1.54544	0.563036	0.887263	-1.12706	0.174199	1.34407	1.34407	1.59437	1.05672	0.589138	1
cg27144419	RNF144A	0.26174	0.881447	0.95562	-1.04644	0.0218504	2.49153	2.49153	0.0950914	1.92569	1.92569	0.807722	1.07699	1.07699	0.0416422	0.928511	-1.07707	0.964555	1.03705	1.03705	0.0415435	1.28743	1.28743	0.0855355	1.66528	1.66528	0.660943	1.0329	1.0329	1.59437	2.33652	1.32861	1
cg06606946	CTNNA1;LRRTM2	0.26182	0.974843	1.03296	-1.01699	0.650685	1.27053	1.27053	0.0627145	1.29096	1.29096	0.872744	1.04911	1.04911	0.0952354	0.954077	-1.04809	0.454635	0.970027	-1.0309	0.208103	0.492149	-2.03192	0.63117	0.772291	-1.29485	0.408813	0.57033	1.57033	1.59434	1.20567	0.70796	1
cg07638282	CCDC126	0.26184	0.385962	0.82943	-1.20565	0.283227	0.790879	-1.26442	0.348933	1.22495	1.22495	0.0380632	0.602927	-1.65858	0.206224	0.755365	-1.32386	0.951186	1.01297	1.01297	0.14583	0.719782	-1.38931	0.401088	1.19394	1.19394	0.448003	1.20552	1.20552	1.59433	1.11803	0.623338	1
cg26249747	C14orf181;C14orf181	0.26188	0.339556	0.7284	-1.37268	0.0948725	0.60228	-1.6467	0.260905	0.64925	-1.5402	0.0853552	0.992524	-1.00753	0.0227954	0.880352	-1.13574	0.0955424	0.240753	-4.15407	0.0238673	0.256473	0.256473	0.0241892	0.641763	-1.55821	0.245972	0.609068	-1.64277	0.609068	1.59432	1.38115	0.7981844	1
cg20000937	FGL1;FGL1;FGL1;FGL1	0.26194	0.126087	0.523632	-1.90974	0.0444365	2.25253	2.25253	0.95717	1.02122	1.02122	0.637739	1.20369	1.20369	0.257056	1.58784	1.58784	0.94294	1.02838	1.02838	0.310394	1.50725	1.50725	0.128359	1.90122	1.90122	0.451371	0.740857	-1.34979	1.5943	3.85813	2.15107	1
cg24309730	RAI3	0.26194	0.999906	0.999984	-1.00002	0.154278	1.12464	1.12464	0.89432	1.01782	1.01782	0.248061	1.17406	1.17406	0.614541	0.934748	-1.06981	0.0718739	0.765657	-1.30607	0.151144	0.102852	0.258154	0.165975	0.930623	-1.07455	0.258154	0.165975	1.16975	1.59431	1.16975	1.5943	0.445885	0.2486	1
cg10444970	L1	0.26119	0.290201	0.631949	-1.58241	0.859213	1.07705	1.07705	0.343898	1.50326	1.50326	0.330028	1.52235	1.52235	0.0865573	0.453159	-2.20673	0.0722032	0.432177	-2.31387	0.657745	0.829929	-1.20492	0.274576	0.621704	-1.60848	0.455523	1.37407	1.37407	1.59429	4.41372	2.46085	1
cg08310277	OGT;OGT;BCYRN1	0.26198	0.119146	0.304609	-3.28332	0.533361	0.734073	0.734073	0.0822423	1.56223	1.56223	0.0405103	1.43871	1.43871	0.0690433	1.02626	-1.02626	0.0156672	0.347743	-2.87503	0.0307833	0.495359	-2.04349	0.522951	0.645112	-1.5501	0.277162	0.780213	1.16269	1.59428	1.74737	0.97367	0.453289	1
cg17251166	ZNF525	0.2612	0.0676689	0.72368	1.72368	0.79025	0.10717	0.07217	0.842448	1.05339	1.05339	0.17264	1.46655	1.46655	0.26573	1.35508	1.35508	0.0857139	1.65547	1.65547	0.534816	1.17887	1.17887	0.061045	1.75428	1.75428	0.0818093	1.66872	1.66872	1.64874	1.74528	0.823318	1
cg05027972	DPF3	0.26203	0.0202401	0.2301	-4.34523	0.0913548	0.31108	0.31108	0.0128322	0.239126	0.239126	0.0119264	0.244619	0.244619	0.0113447	0.563628	-1.77402	0.45521	0.664067	-1.50614	0.326169	0.656477	0.656477	0.0265407	1.05647	1.05647	0.728365	0.835319	-1.19715	1.59132	1.57284	0.952403	0.5	1
cg00286104	MYO15B	0.26121	0.0912171	0.377811	-2.64683	0.894708	1.07174	1.07174	0.311751	0.578355	-1.72904	0.927111	1.04904	1.04904	0.0616163	0.332345	-3.00892	0.915621	0.946054	-1.05702	0.444919	1.50302	1.50302	0.0556527	0.321523	-3.1102	0.475442	1.6840496	-1.46189	1.59423	9.91288	3.85439	1
cg10794733	SPTB;SPTB	0.26131	0.200168	0.566205	-1.76614	0.218884	0.58071	-1.72203	0.0483665	0.387481	-2.58077	0.3909	0.69108	-1.44701	0.0925095	0.45933	-2.17708	0.212375	0.57575	-1.73686	0.0823623	0.445394	-2.2452	0.641571	0.821155	-1.2178	0.629676	1.22656	1.22656	1.59423	4.4605	2.48703	1
cg10948797	HIC1	0.26121	0.371644	0.749138	-1.33462	0.239422	0.954357	-1.04765	0.838784	1.6222	1.6222	0.0163561	0.692325	-1.44437	0.0256455	0.647784	-1.54322	0.447284	0.633292	-1.57907	0.282471	0.621271	-1.61002	0.497801	0.805155	-1.2417	0.311695	0.718829	-1.39115	1.5923	2.60931	1.39577	1
cg04498902	ERMAP;CCDC23	0.26116	0.838513	0.947686	-1.0552	0.558002	0.855561	-1.16882	0.923332	1.02567	1.02567	0.703808	0.904315	-1.10581	0.348928	1.28905	1.28905	0.371137	0.785208	-1.27355	0.018947	0.473206	-2.11324	0.86618	1.04541	1.04541	0.182696	1.45113	1.45113	1.59422	1.7506	0.976085	1
cg

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1117 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg13151527	LOC284688	0.261467	0.93972	1.01797	1.01797	1.0384738	0.642405	-1.55665	0.135089	0.684139	-1.46126	0.942289	0.983388	-1.01689	0.383611	1.23413	1.23413											
cg02671806	CLPX	0.261469	0.246485	0.805895	-1.24086	0.145787	1.32059	1.32059	0.664757	1.44652	1.44652	0.903562	0.978648	-1.02182	0.400104	1.1658	1.1658											
cg21212196	MEGF6	0.261472	0.540115	1.13525	1.13525	0.146815	0.72726	-1.37502	0.0689255	0.659479	-1.51635	0.134687	1.39076	1.39076	0.758666	0.938919	-1.06506											
cg04512935	C7orf28A	0.261473	0.224946	1.37889	1.37889	0.53901	0.8549	-1.16973	0.540255	1.16916	1.16916	0.685669	1.10801	1.10801	0.969145	1.0098	1.0098											
cg16266790	FOXK1	0.261477	0.728764	0.88498	-1.12997	0.872622	1.05794	1.05794	0.76076	0.898353	-1.13195	0.309897	1.44603	1.44603	0.015944	0.354911	-2.81761											
cg04068910	CHUK	0.261482	0.496924	1.17052	1.17052	0.920748	0.977539	-1.08298	0.197942	1.36429	1.36429	0.825355	1.05174	1.05174	0.185052	1.37831	1.37832											
cg18247126	SCSDL;SCSDL	0.261482	0.670823	1.07103	1.07103	0.0227726	1.54907	1.54907	0.07083739	1.38261	1.38261	0.743049	1.05422	1.05422	0.414739	1.14318	1.14318											
cg07461795	RRD4	0.261482	0.864017	0.9661	-1.03509	0.381493	0.834775	-1.19793	0.855987	0.964109	-1.03723	0.559963	1.1544	1.1544	0.867174	0.971841	-1.02897											
cg18283833	GABBR1;GABBR1	0.261483	0.526946	1.19507	1.19507	0.844986	0.947037	-1.05593	0.24006	1.40771	1.40771	0.241621	1.40537	1.40537	0.95798	1.01237	-1.01231											
cg14636557	BTBD11	0.261485	0.146859	0.692772	-1.44348	0.223216	0.739548	-1.35218	0.118277	0.670443	-1.49155	0.771664	0.933701	-1.07101	0.0532493	0.595888	-1.67817											
cg25836271	RASGRF2;RASGRF2;RASGRF2;RASGRF2	0.261485	0.988525	0.99517	-1.00485	0.227693	0.652908	-1.53161	0.795677	0.916343	-1.09129	0.209872	1.56034	1.56034	0.548505	1.22653	1.22653											
cg15802846	KIFC1;KIFC1	0.261492	0.31815	1.33863	1.33863	0.247259	0.812854	-1.23023	0.134079	0.700573	-1.42842	0.393317	1.05783	1.05783	0.284454	0.78815	-1.26879											
cg13957745	PLCG3	0.261497	0.305746	0.427451	-2.33945	0.0566441	0.63614	-1.58614	0.545699	1.89148	1.89148	0.338482	2.20508	2.20508	0.7594	1.03709	1.03709											
cg27588653	NMNAT2	0.261497	0.486995	0.811345	-1.23252	0.59027	1.17458	1.17458	0.239802	1.4396	1.4396	0.321465	1.35421	1.35421	0.367733	1.17637	1.17637											
cg12313510	ADAMTS14;ADAMTS14	0.261499	0.072111	0.842977	-2.91991	0.0775102	1.05702	1.05702	0.934783	0.865854	1.26876	1.26876	1.27073	1.27073	0.282343	1.26876	1.26876											
cg11088968	SNCB;SNCB	0.261499	0.071197	0.705345	-1.41775	0.247918	1.23272	1.23272	0.369989	0.8526	-1.17288	0.761681	1.0541	1.0541	0.306678	0.832514	1.20118											
cg19530576	SETD3;CCNK;CCNK;CCNK;SETD3;CCNK	0.261505	0.124165	0.70199	-1.42452	0.494471	0.862909	-1.15887	0.886672	1.03077	1.03077	0.508975	1.15309	1.15309	0.0573297	0.633214	1.57925											
cg17426063	FUT11	0.261509	0.803952	0.917992	-1.08933	0.128529	1.75976	1.75976	0.205544	1.58321	1.58321	0.356557	0.721643	-1.38573	0.0125031	2.3656	2.3656											
cg05636681	TBC1D12	0.261515	0.435252	1.19239	1.19239	0.731814	1.20653	1.20653	0.274295	1.18418	1.18418	0.881482	0.970973	-1.03024	0.143939	1.1529	1.1529											
cg10460350	PRPF19	0.261518	0.297097	1.35723	1.35723	0.225311	1.43309	1.43309	0.953717	1.01654	1.01654	0.981524	0.993478	-1.00656	0.669244	1.1291	1.1291											
cg09766432	INSR;INSR	0.261518	0.0873191	1.59749	1.59749	0.566812	1.1545	1.1545	0.231768	1.36511	1.36511	0.317679	1.29216	1.29216	0.925248	0.976981	-1.02356											
cg16586394	SC1;NR3C1	0.261523	0.23018	0.464986	-2.1506	0.151874	2.54418	2.54418	0.562315	1.48209	1.48209	0.734289	1.81283	1.81283	-1.23027	0.104394	0.339667	-2.94606											
cg12608343	ACVR1C;ACVR1C;ACVR1C	0.261533	0.160507	0.777891	-1.47077	0.314865	1.20246	1.20246	0.720982	1.07394	1.07394	0.747498	0.829474	-1.20558	0.0623139	1.03209	1.03209											
cg13509195	CPNE8	0.261536	0.290478	5.20269	5.20269	0.332946	1.48801	1.48801	0.377913	3.89638	3.89638	0.319976	4.68743	4.68743	0.342727	2.30044	2.30044	-3.34699										
cg23295642	TPRG1	0.261539	0.0701313	0.833369	-1.20018	0.0737934	0.818733	-1.22193	0.107661	0.876337	-1.14096	0.0833911	0.970868	-1.03003	0.0158782	1.03231	1.03231	-1.22077										
cg10980495	HCC4;CTSD	0.261545	0.801238	1.13155	1.13155	0.476957	0.701656	-1.4252	0.189122	0.505806	-1.97704	0.187736	1.98178	1.98178	0.591541	1.76684	1.30405											
cg11768182	PRSS1;1	0.261545	0.58854	1.77683	-1.28728	0.390197	1.50248	1.50248	0.378903	0.658752	-1.51802	0.629187	0.798534	-1.25229	0.0119608	0.234583	-4.26288											
cg16306568	ITFG2	0.261548	0.317122	1.27662	1.27662	0.731186	1.54155	1.54155	0.180817	1.23944	1.23944	0.0968	0.868761	-1.15141	0.0183877	1.38384	1.38384	-1.37247										
cg07790826	FADD;FADD	0.261548	0.936716	1.02659	1.02659	0.126888	1.72579	1.72579	0.124164	1.73372	1.73372	0.643547	1.16651	1.16651	0.0922534	0.542008	-1.84499											
cg21116294	TGFBR3	0.261549	0.343434	1.23422	1.23422	0.753474	1.65181	1.65181	0.264944	1.65008	1.65008	0.628898	1.61283	1.61283	0.183777	1.65399	1.65399	-1.55184										
cg17438849	HECW1;HECW1	0.26155	0.675041	1.08052	1.08052	0.171559	1.30649	1.30649	0.0331307	1.58011	1.58011	0.722509	0.93661	-1.06768	0.811283	1.04491	1.04491											
cg19187486	ARID3B	0.261556	0.856357	1.02516	1.02516	0.126472	1.25447	1.25447	0.0592917	1.3391	1.3391	0.394844	1.12695	1.12695	0.541554	0.918743	-1.08844											
cg11603115	IGSF3	0.261561	0.0655128	0.480778	-2.08079	0.0729516	0.9698	0.83434	-1.19908	0.923155	1.08359	0.154461	1.08359	0.154461	0.0139405	0.744015	-1.34397											
cg11427039	PDIK1L;PDIK1L;PDIK1L	0.261565	0.255995	0.844724	-1.18382	0.772189	1.04218	1.04218	0.398483	1.13091	1.13091	0.152039	0.803826	-1.24405	0.921867	0.986136	-1.01406											
cg06488398	NELL2;NELL2;NELL2;NELL2;NELL2	0.26157	0.483632	1.27502	1.27502	0.344	1.1444	1.1444	0.406803	1.11285	1.11285	0.540538	1.1285	1.1285	0.267734	1.15431	1.15431											
cg12313593	CYP4F22	0.261571	0.833249	0.967321	-1.03378	0.276116	0.663338	-1.50753	0.220092	0.816475	-1.22478	0.160434	1.26656	1.26656	0.925854	0.985438	-1.01478											
cg00949532	MCPH1	0.261576	0.818061	0.861318	-1.16101	0.0132151	0.136846	-7.30747	0.142609	0.360211	-2.77615	0.47739	1.59688	1.59688	0.412936	0.58139	-1.72002											
cg26578892	KLHL26;KLHL26;PLA2G16	0.261578	0.560026	1.07201	1.07201	0.379353	0.727179	-1.22779	0.3088	0.82093	1.02093	0.939118	0.918445	1.02093	-1.00079	0.723126	1.00079											
cg01572979	CLU;CLU;CLU	0.261579	0.0249293	0.537695	-1.85979	0.988018	0.00323	0.30032	0.340162	0.795682	-1.25678	0.988004	0.996511	-1.0035	0.982525	0.988041	-1.13631											
cg20536146	GLI3	0.261584	0.143574	0.680546	-1.46955	0.68215	1.1048	1.1048	0.0118187	0.864499	1.15656	0.264406	1.24006	1.24006	0.966882	1.01187	-1.01187											
cg03076073	FKBP2;FKBP2;FKBP2	0.261586	0.148272	1.26315	1.26315	0.444874	1.12448	1.12448	0.142107	0.788401	-1.26839	0.639433	0.931386	-1.07367	0.255368	0.836206	-1.19588											
cg26578902	C1orf58;C1orf58;C1orf58;C1orf58	0.261589	0.910682	1.08591	1.08591	0.0255165	0.142364	2.04324	0.0186755	0.242487	1.68206	0.0623492	0.253859	1.93921	0.470118	1.75156	1.75156	0.245287	0.409581	-2.14152								
cg02565068	RPS6KA2;RPS6KA2	0.26159	7	7	0	0	1.06355	1.06355	0.367586	1.66983	1.66983	0.182778	2.19065	2.19065	0.454137	1.2838	1.2838											
cg26314478	ESPNP	0.261594	0.0727823	0.373136	-2.67999	0.112009	2.34512	2.34512	0.649701	0.798355	-1.25258	0.883903	1.07462	1.07462	0.298094	0.587876	-1.70104											
cg03035319	TNRC9C;TNRC9C	0.261595	0.805679	0.940959	-1.06295	0.18565	1.14098	1.14098	0.453735	1.12462	1.12462	0.642459	1.38811	1.38811	0.0847244	1.24337	1.24337											
cg00197327	MAD1L1;MAD1L1;MAD1L1	0.261596	0.0820912	0.38467	-2.59963	0.749743	0.853339	-1.172	0.228446	0.534244	-1.8718	0.65435	0.799711	-1.25045	0.0529673	0.335974	2.97642											
cg12196175	FLNB;FLNB;FLNB;FLNB	0.26157	0.0735233	0.574007	-1.74214	0.218905	1.14297	1.14297	0.32834	1.32398	1.32398	0.105971	0.611863	-1.63455	0.29631	0.73988	-1.35157											
cg14401326	PACS2;PACS2 NUP98;PGAP2;NUP98;NUP98;NUP98;P GAP2;NUP98;PGAP2;PGAP2;NUP98;NU	0.261601	0.517739	1.48374	1.48374	0.0503898	4.01169	4.01169	0.151829	2.66226	2.66226	0.607498	0.724175	-1.38088	0.595839	0.796484	-1.39571											
cg12349030	P98;PGAP2;NUP98	0.261602	0.470768	1.07683	1.07683	0.123759	0.8452	-1.18315	0.343011	1.10358	1.10358	0.612375	1.0529	1.0529	0.478251	1.07545	1.07545											
cg15328703	TMEM132B	0.261603	0.806947	0.974434	1.09	0.427587	0.751993	-1.3208	0.461118	0.767901	-1.30225	0.623061	1.1905	1.1905	0.391204	0.73438	-1.36169											
cg19886179	PSMD14;PSMD14	0.261605	0.535831	1.21353	1.21353	0.11737	1.69048	1.69048	0.842387	0.940397	-1.06338	0.937924	0.47572	-2.10208	0.914073	0.10388	0.10388											
cg24085719	C9orf38	0.261607	7	7	7	0	0.364548	0.408439	-2.44835	0.699121	1.44454	1.44454	7	7	0	0.115109	0.180682	-5.53459										
cg08830083	PHKA2;PHKA2;PHKA2;PHKA2;PHKA2	0.261611	0.193662	0.496204	-2.0153	0.209742	0.509784	-1.96161	0.0599729	0.260115	-3.84445	0.648735	0.791622	-1.26323	0.0870147	0.00807	0.00807											
cg13165472	ANTXR1;ANTXR1;ANTXR1	0.261613	0.880348	1.02137	1.02137	0.842432	0.128514	1.02834	0.20949	1.20407	1.20407	0.0461532	0.72558	-1.37821	0.240607	0.841598	-1.18822											
cg20663388	FAM40D	0.261614	0.670564	1.09252	1.09252	0.342527	0.915513	1.07651	0.0176516	1.73566	1.73566	0.188617	1.54267	1.54267	0.0409863	1.1331	1.1331											
cg04922681	TNFSF11;TNFSF11	0.261616	0.339654	0.260382	-3.84052	0.474162	2.70543	2.70543	0.754585	0.651331	-1.53536	0.584737	0.469871	-2.12825	0.356243	0.273228	3.65995											
cg19367172	STBSA5	0.26162	0.300858	0.845262	-1.18307	0.664695	1.07078	1.07078	0.0908464	0.746682	-1.33926	0.373721	1.15395	1.15395	0.81282	1.0379	1.0379											
cg22460148	ITIH5L	0.261633	0.828895	0.758456	-1.31868	0.428579	0.790503	-1.26529	0.194623	1.62964	1.62964	0.342088	1.97587	1.97587	0.431584	0.711184	0.507018	-1.97139										
cg18730318	MAD1L1;MAD1L1;MAD1L1	0.261636	0.179033	0.748851	-1.33538	0.493116	0.867944	-1.15215	0.537815	0.881265	-1.13473	0.0576609	0.647327	-1.54481	0.0441803	0.625997	-1.59745											
cg29339001	TMEM175	0.261637	0.17135	1.01719	1.01719	0.195284	1.8525	1.8525	0.550474	0.822513	-1.581	0.600412	0.560803	-1.78349	0.0498	0.454544	0.19335											
cg26839812	MYL9P	0.261644	0.747755	1.052	1.052	0.460974	0.888772	-1.12515	0.542704	0.907735	-1.10164	0.465935	1.12363	1.12363	0.482355	1.11871	1.11871											
cg18627360	MIR124-3	0.261643	0.728293	1.07144	1.07144	0.0135004	0.546077	-1.83124	0.38003	1.19503	1.19503	0.457232	1.163	1.163	0.453778	0.859859	-1.16298											
cg02362978	USP43	0.261643	0.469477	1.25193	1.25193	0.4788	0.837276	-1.19445	0.0228883	0.83076	-1.20374	0.413888	1.38206	1.38206	0.0074567	1.24241	1.24241	-1.5057										
cg01338658	LAMC1;LAMC1	0.261646	0.93796	0.987759	-1.01239	0.0804135	1.35912	1.35912	0.454064	1.1824	1.1824	0.849287	0.970348	-1.03056	0.732759	0.947214	-1.05573											
cg00188056	RPL10;RPL10;SNORA70	0.261648	0.0956535	0.831743	-1.20284	0.134558	0.667556	-1.49925	0.732556	0.833384	1.19705	0.874682	0.99016	1.01002	0.994368	0.999504	-1.00402											
cg03260166	LOC388796;LOC388796;SNORA71C	0.261648	0.223365	0.424081	-2.35804	0.175429	2.62776	2.62776	0.800493	1.18505	1.18505	0.949692	0.958309	-1.04351	0.06518	0.249531	4.00752											
cg08266839	DEAF1	0.261648	0.818015	1.22876	1.22876	0.0431151	0.80395	0.800395	0.0711781	0.6583	0.6583	0.80531	1.24699	1.24699	0.404739	0.466742	-2.14251											
cg09766379	PDE4DIP	0.261649	0.188627	1.34709	1.34709	0.0795164	0.89803	0.89803	0.0964274	1.84753	1.84753	0.433384	1.83479	1.83479	0.491373	1.8753	1.8753											
cg18885289	ATP9B	0.261656	0.0988424	0.154076	-6.49026	0.597504	1.73443	1.73443	0.314345	2.93104	2.93104	0.9672	1.04341	1.04341	0.0273404	0.6753221	-14.854											
cg13193548	FBXO6	0.261656	0.743279	1.03503	1.03503	0.833313	0.944968	-1.05824	0.481623	0.826529	-1.20988	0.244349	0.803186	-1.24496	0.0184666	0.955112	-1.047											
cg09412060	KCTD10 CERKL;CERKL;CERKL;CERKL;CERKL;CERK	0.261658	0.0822998	0.277736	-3.60054	0.109049	0.312505	-3.19995	0.140959	0.348568	-2.86888	0.24403	0.444309	-2.25069	0.0574806	0.239314	4.17861											
cg01494441	LCERKL	0.261658	0.133533	0.303931	-3.29002	0.0536431	0.01632	0.01632	0.234029	2.50455	2.50455	0.87016	0.886577	-1.12793	0.250762	0.413478	2.41851											
cg01557340	NBEA	0.261665	0.102827	0.668587	-1.49569	0.669242	0.907614	-1.10179	0.555251	0.847307	0.81607	-1.14407	0.582964	0.882425	-1.13324	0.40828	0.85074	-1.17545										
cg20771812	ONECUT3	0.261665	0.729764	1.14183	1.14183	0.470355	0.545	-1.56886	0.133997	0.812889	1.12289	0.153376	1.12289	0.153376	0.244229	0.924776	-1.08162	-1.32207										
cg23115933	CHD3;CHD3;CHD3	0.261666	0.785474	1.13814	1.13814	0.0190092	0.84444	1.84444	0.0770191	2.54082	2.54082	0.808846	0.891419	-1.12181	0.938842	0.962463	-1.03706											
cg16145898	FAM65B;FAM65B	0.261668	0.344225	0.844979	-1.17996	0.0776993	0.719239	-1.39029	0.0101801	0.859654	-1.16354	0.0169282	0.895356	-1.11696	0.0156028	1.01796	1.01796	-1.10796										
cg04168185	FGFR3;FGFR3;FGFR3	0.261668	0.111885	0.471645	-2.12024	0.0581974	0.977487	0.82303	0.0595406	0.897259	1.17525	0.433697	1.54154	1.54154	0.0211484	0.879708	-1.01231											
cg06438301	LOC100128788	0.261671	0.232004	0.767623	-1.30272	0.553953	0.881344	-1.13463	0.601034	0.894659	-1.11774	0.440368	0.847039	-1.18058	0.076987	0.66042	-1.51419											
cg21089461	INTS4L1	0.261676	0.830365	0.952102	-1.05035	0.394838	0.904387	-1.10562	0.623659	0.807859	1.23809	0.602748	1.16423	1.16423	0.0278976	1.17967	1.17967											
cg12918009	LEF1;LEF1;LEF1;LEF1;LOC641518	0.261672	0.77447	0.943722	-1.05963	0.0296325	1.67574	1.67574	0.460607	1.16353	1.16353	0.585821	0.894994	-1.11733	0.780738	0.945291	-1.05788											
cg26838949	KIF21B DTNB;DTNB;DTNB;DTNB;DTNB;DTNB;D	0.26168	0.0607124	0.137953	-7.24883	0.0943529	0.178573	-5.59994	0.52958	0.550675	-1.81595	0.78191	0.771074	-1.29689	0.121795	0.207788	-4.81259											
cg20347626	TNB;DTNB;DTNB;DTNB	0.261682	0.959931	0.99096	-1.00912	0.169444	0.735037	-1.36047	0.124371	0.740274	-1.35085	0.0775545	0.701451	-1.42562	0.0560878	0.968724	-1.03229											
cg02422011	PPP1R14A	0.261685	0.414756	1.08256	1.08256	0.227871	1.22871	1.22871	0.45513	0.740729	-1.35146	0.145994	1.30384	1.30384	0.0139128	1.64442	1.21017											
cg23309670	CPNE5	0.26169	0.829818	0.884971	-1.12998	0.0567882	0.294047	-3.40082	0.0205808	0.205247	-4.87218	0.42617	0.630456	-1.58615	0.458681	1.53476	1.53476											
cg14165978	HPCAL4	0.261694	0.166427	0.82805	-1.20756	0.0869209	0.77616	1.29032	0.0716916	0.880787	-1.13578	0.459155	0.979179	-1.02179	0.0844227	1.22445	1.22445											
cg07702853	C1orf51	0.261706	0.720465	1.16541	1.16548	0.26209	0.607523	-1.64603	0.0931955	0.462803	-2.16075	0.0457561	0.376813	-2.65384	0.329952	0.655156	1.53488											
cg24538512	NFATC1;NFATC1;NFATC1;NFATC1	0.261711	0.631355	1.201	1.201	0.116792	0.524371	-1.90705	0.869543	0.939627	-1.06425	0.216951	0.611298	-1.63586	0.128263	0.536391	-1.86431											
cg20629948	C0orf24;C0orf24	0.261714	0.775946	1.05536	1.05536	0.373937	0.73857	-1.35427	0.411202	1.21544	1.17195	0.133999	1.17195	0.133999	0.970312	1.01081	1.01081	-1.21931										
cg26147678	C2orf74	0.261729	0.104549	0.41678	0.41678	0.158399	3.25984	3.25984	0.483461	0.572279	-1.7474	0.853269	0.894193	-1.11858	0.840403	-1.18479												
cg04015793	FNDC4	0.261733	0.0919759	0.683272	-1.46348	0.0958054	0.819883	1.21959	0.483461	0.739163	1.35199	0.0914949	1.12008	1.12008	0.682686	1.04065	1.04065											
cg05714094	RNF214;PCSK7;RNF214	0.261733	0.962391	1.00577	1.00577	0.137614	1.21525	1.21525	0.982854	0.997383	-1.00262	0.834023	1.02591	1.02591	0.434047	0.907262	-1.10222											
cg27317362	FOXP1	0.261734	0.936692	0.976499	-1.02407	0.346557	0.748121	-1.33668	0.637678	0.867609	-1.15259	0.333688	0.74192	-1.34785	0.676049	1.13407	1.13407											
cg05538651	ANO1;ANO1	0.261743	0.0957853	0.442529	-2.25944	0.0552354	0.898803	1.12259	0.483461	0.758364	1.31948	0.0914949	1.10149	1.10149	0.682686	1.04065	1.04065											
cg09765994	PRDM2	0.261744	0.139708	1.41927	1.41927	0.996526	1.00096	1.00096	0.610239	0.892915	-1.11993	0.184778	1.36329	1.36329	0.175996	0.728339	-1.37299											
cg06913160	TPR2	0.261753	0.24363	0.479573	-2.08737	0.179761	0.378846	-2.6396	0.0861	0.2612	-3.82912	0.0454546	0.199505	1.00062	0.0005	0.0675318	-14.8062	-4.29809										
cg22413603	MIR141;MIR200C	0.261755	0.312435	0.679594	-1.47147	0.233207	0.629881	-1.58735	0.0419206	0.402307	-2.37899	0.15603	0.570634	-1.75244	0.0491981	0.915591	-1.93802											
cg22865579	ZNF927	0.261758	0.0623201	0.320651	-3.11805	0.315261	1.75575	1.75575	0.748608	1.19041	1.19041	0.351362	0.594563	-1.68191	0.0621957	0.320435	-3.12076											
cg11598312	STAT2	0.261762	0.0975019	0.892832	-1.12003	0.0175589	1.3012	1.3012	0.64544	1.49295	1.14295	0.70134	1.11755	1.11755	0.324653	0.736446	-1.35796											
cg25103224	AES;AES;AES	0.261765	0.312435	0.679594	-1.47147	0.233207	0.629881	-1.58735	0.0419206	0.402307	-2.37899	0.15603	0.570634	-1.75244	0.0491981	0.915591	-1.93802											
cg24094773	ARID2	0.261771	0.145044	0.170989	-5.84832	0.507519	2.13563	2.13563	0.138456	0.6498	0.6498	0.762722	1.40735	1.40735	0.150956	0.176058	-5.67993											
cg19459207	EMB	0.261773	0.537381	1.36126	1.36126	0.105694	2.39353	2.39353	0.244236	0.547926	-1.82506	0.41776	1.5052	1.5052	0.092929	2.49146	2.49146											
cg20106589	DCXR	0.261774	0.23891	0.707854	1.37024	0.579535	0.664841	-1.50453	0.0460887	0.87594	1.07344	0.620844	1.16793	1.16793	0.703233	1.09174	1.09174	-1.09174										
cg25281562	C12orf43	0.261775	0.119551	0.76911	-1.3002	0.280387	1.19052	1.19052	0.349803	1.16135	1.16135	0.143405	0.783193	-1.27632	0.186421	1.24321	1.24321											
cg16877581	MAT2A;MAT2A;MIR548F5;NBEA	0.261776	0.695719	0.892832	-1.12003	0.175589	1.3012	1.3012	0.64544	1.49295	1.14295	0.70134	1.11755	1.11755	0.324653	0.736446	-1.35796											
cg08728127	STARD8;STARD8;STARD8	0.26178	0.0515473	0.379

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1477 vs. N)	p-value(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	p-value(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg04931063	BACE2;BACE2;BACE2	0.261844	0.937689	1.01282	0.11282	1.837859	0.367163	-1.03395	0.388954	1.15473	1.15473	0.523924	1.11098	1.11098	0.397555	1.1516	1.1516	0.178359	1.26239	1.26239	0.0210964	0.643731	-1.55344	0.340788	1.17347	1.17347	0.762805	1.05074	1.09199	0.6694477	0.3738802	1
cg14056470	PYRK1B;DYRK1B;DYRK1B	0.261847	0.804037	0.9065039	-1.10313	0.562918	0.7938	-1.25976	0.424315	1.3801	1.3801	0.615976	0.819011	-1.22098	0.156648	0.549822	-1.81877	0.47411	1.750198	-1.33298	0.0425062	0.51492	2.51498	0.2592	0.163152	0.613152	0.297209	1.53217	1.53217	1.59198	3.93022	2.19445	1
cg07456585	VSX2	0.261854	0.155641	0.216228	-4.62476	0.529398	1.900776	1.900776	0.767251	1.34876	1.34876	0.556154	0.54878	-1.82222	0.623738	0.607507	-1.64607	0.307385	0.344695	-2.90111	0.037778	0.0881706	-11.3417	0.0556565	0.112378	-8.89851	0.36734	0.393195	-2.54327	1.59196	25.6188	14.3046	1
cg15142401	RNF5P1;RNF5;AGPAT1;AGPAT1	0.261854	0.32574	0.887941	-1.12696	0.364165	1.116161	1.116161	0.598687	1.06456	1.06456	0.475457	1.08924	1.08924	0.847374	1.02296	1.02296	0.0539995	1.29389	1.29389	0.306125	0.882662	-1.13294	0.349846	0.882662	-1.12003	0.13901	0.828962	1.20633	1.59196	0.3498845	0.19534	1
cg26215399	FAM160B2	0.261873	0.840455	0.852062	-1.17362	0.0193156	9.46189	9.46189	0.0504159	5.87759	5.87759	0.938905	0.93615	-1.06821	0.861643	0.870616	-1.14861	0.842104	1.17165	1.17165	0.931853	0.934324	-1.07039	0.612889	1.49966	1.49966	0.760393	0.784148	-1.27527	1.59189	15.9052	8.88121	1
cg27587568	USP40	0.261873	0.433533	0.779146	-1.28346	0.402199	0.765118	-1.30699	0.743272	1.1085	1.1085	0.204609	0.658362	-1.51892	0.058246	0.512331	-1.95179	0.103478	0.573453	-1.74382	0.332931	1.366	1.366	0.539456	1.2141	1.2141	0.187991	0.646766	-1.54615	1.59189	2.45852	1.3728	1
cg27144709	BAHCC1	0.261875	0.531356	1.16435	1.16435	0.0350522	0.554688	-1.80282	0.47897	1.18854	1.18854	0.757049	0.928235	-1.07731	0.726708	0.919239	-1.08786	0.901416	0.970698	-1.03019	0.148351	1.45074	1.45074	0.613685	0.885004	-1.12994	0.134732	0.679096	-1.47255	1.59188	1.45203	0.810798	1
cg10380017	ITLN1	0.261878	0.0595106	0.486002	-2.05761	0.454036	0.772585	-1.29469	0.577205	0.826392	-1.21012	0.97292	1.02156	1.02156	0.0256397	0.607413	-2.45451	0.87987	1.05255	1.05255	0.119302	0.584041	-1.71221	0.215946	0.65666	-1.52286	0.449114	0.770214	-1.29849	0.59187	2.8911	1.61448	1
cg26268479	CHRNA3;CHRNA3	0.261883	0.0264592	2.004741	2.004741	0.2582234	0.54654	-2.18083	0.1153403	2.68568	2.429256	0.0144855	2.64622	2.64622	0.0767947	0.305369	-3.27473	0.519089	1.624379	-1.48285	0.207473	0.448795	-2.22819	0.215396	0.455682	-2.19451	0.835136	0.881958	-1.13384	1.59186	9.1593	5.11453	1
cg05035508	PRDM16;PRDM16	0.261886	0.830768	0.934343	-1.07027	0.0364396	0.462283	-2.16318	0.948941	1.02053	1.02053	0.44945	1.27706	1.27706	0.955036	1.01805	1.01805	0.958033	0.983441	-1.01684	0.116928	0.582483	-1.71679	0.345396	0.680089	-1.4704	0.202776	1.53213	1.53213	1.59185	2.53844	1.41747	1
cg02100098	SNORA7A;RPL32;RPL32;RPL32	0.261889	0.361847	2.29343	1.45411	0.3562231	1.827633	1.827633	0.2911403	1.43274	1.43274	0.141335	3.945513	3.945513	0.0539624	1.6.E+07	1.6.E+07	0.185488	1.38165	1.38165	0.0497429	0.7979	-1.2526	0.0095222	0.455696	2.19444	0.806837	0.943284	-1.06013	0.537139	1.16059	1.59172	1.43178	0.79957	1
cg26061548	NAPRP3;NPHP3;NPHP3	0.261894	0.0258232	0.592774	-1.78803	0.245803	1.30543	1.30543	0.81225	0.949094	-1.05364	0.568244	1.11501	1.11501	0.865865	1.03782	1.03782	0.723793	1.08103	1.08103	0.144692	0.708844	-1.41055	0.542812	1.14483	1.14483	0.581952	1.12985	1.12985	1.59182	1.21548	0.678738	1
cg19528379	IPMK	0.261895	0.343256	0.943477	-1.05998	0.975865	1.05136	1.05136	0.905935	0.979328	-1.02111	0.215313	0.794179	-1.25916	0.558008	1.10336	1.10336	0.786005	1.04004	1.04004	0.0235512	0.630111	-1.5867	0.780466	1.05061	1.05061	0.113306	1.33157	1.33157	1.59181	0.787154	0.499557	1
cg19478072	SNAPC3	0.261899	0.839906	0.943528	-1.06001	0.546573	1.12563	1.12563	0.692195	1.52102	1.52102	0.569485	0.894493	-1.11795	0.669909	0.928197	-1.08672	0.0928151	1.43144	1.43144	0.188007	0.763408	-1.30992	0.301339	0.802451	-1.23084	0.846607	0.963133	-1.03828	1.5918	0.9483571	0.529587	1
cg16763654	C11orf9	0.261901	0.653152	0.830447	-1.20417	0.0795673	0.449682	-2.22379	0.0205629	0.317959	-3.14506	0.552152	0.781113	-1.28203	0.0890309	0.462878	-2.1604	0.852542	0.926424	-1.07942	0.378863	0.697744	-1.44771	0.465512	0.737089	-1.35669	0.950246	1.02596	1.02596	1.59179	4.25275	2.37482	1
cg25133475	USP53	0.261905	0.893586	1.02234	1.02234	0.974756	1.003317	1.003317	0.0745119	1.23518	1.23518	0.780726	0.97077	-1.03011	0.0942438	0.822368	-1.216	0.582089	1.06087	1.06087	0.0843241	0.816285	-1.22506	0.900566	0.9868	-1.01338	0.412253	1.00321	1.00321	1.59177	0.2848857	0.150089	1
cg27507752	ASNS;ASNS;ASNS	0.261913	0.334924	0.748259	-1.33644	0.0846195	0.573353	-1.74413	0.957634	0.984627	-1.01561	0.471278	1.23827	1.23827	0.818423	0.935136	-1.06936	0.351872	0.756233	-1.32234	0.0304022	0.476131	-2.10026	0.248853	0.703616	-1.42123	0.164763	0.649063	-1.54068	1.59175	2.14414	1.19736	1
cg04528098	TMEM159;DNAH3	0.261915	0.769983	1.13444	1.13444	0.168298	1.88064	1.88064	0.580709	1.27126	1.27126	0.240139	1.60742	1.60742	0.0258793	3.12048	3.12048	0.60909	1.24843	1.24843	0.0134482	1.10093	1.10093	0.175407	0.538071	-1.85849	0.7195	0.858286	-1.16511	1.59174	4.66377	2.60554	1
cg21792150	NFKBIZ;NFKBIZ	0.261919	0.0795943	0.708232	-1.41197	0.513907	1.889038	-1.12481	0.108057	0.727157	-1.37522	0.0600921	0.686572	-1.45651	0.170926	0.7722	-1.295	0.137583	0.851694	-1.17413	0.589759	0.9079966	-1.10133	0.132498	0.749891	-1.33352	0.0855939	0.71397	-1.40062	1.59173	0.7925332	0.442584	1
cg18243853	NOS1	0.261919	0.0979968	5.49835	5.49835	0.654543	0.655518	-1.52551	0.61449	1.60999	1.60999	0.417935	0.460163	-2.17314	0.518305	0.557518	-1.79366	0.634831	0.638495	-1.56618	0.281688	0.350252	-2.85509	0.0368596	0.71278	0.71278	0.989092	0.987263	-1.0129	1.59173	22.1663	12.3786	1
cg27331738	NES	0.261922	0.352258	0.79602	-1.25615	0.219467	0.676516	-1.16659	0.476164	0.844244	-1.18846	0.590937	0.879303	-1.13708	0.240788	0.747251	-1.34	0.579835	0.875229	-1.14256	0.0095222	0.455696	-2.19444	0.806837	0.943284	-1.06013	0.537139	1.16059	1.59172	1.43178	0.79957	1
cg16262392	SLC34A1;CRTC2	0.261923	0.0389887	0.191912	-5.21073	0.2773309	0.458204	-2.18243	0.602102	0.69532	-1.43819	0.794228	0.834797	-1.1979	0.0306633	0.173075	-5.77783	0.172543	0.368616	-2.72616	0.237867	0.425661	-2.34929	0.403457	0.553999	-1.80506	0.255032	0.440028	-2.27258	1.59172	12.0298	6.71802	1
cg20910707	RBM12B	0.261925	0.338602	0.823409	1.213511	0.304933	1.21358	1.21358	0.623645	1.08353	1.08353	0.144815	0.907485	-1.10201	0.251486	0.798133	-1.25302	0.828559	1.02222	-1.02222	0.824005	0.885222	-1.12969	0.870163	0.885222	-1.12969	0.870163	0.885222	-1.12969	0.870163

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	Ratio(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Ratio(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12738864	ZNF621;ZNF621	0.26231	0.495716	1.07848	1.07848	1.03151009	1.30752	1.30752	0.281986	1.12989	1.12989	1.2057	1.15698	1.15698	0.2573171	1.13781	1.13781	1.13781	0.506609	1.020045	-1.02637	0.885468	1.01587	1.01587	0.9525063	1.27227	1.27227	0.491506	1.0793	1.09035	0.300485	0.167949	1
cg13987674	GRHL3;GRHL3;GRHL3	0.26233	0.474079	1.76092	1.31432	1.244742	1.5788	1.5788	0.978133	0.988767	-1.01034	0.556785	1.24987	1.24987	0.0267236	0.373373	-2.67828	0.587964	1.814409	-1.22788	0.479094	0.763355	-1.31001	0.173256	0.580522	-1.72259	0.221323	0.617256	-1.62007	1.59034	3.54749	1.9828	1
cg02955020	PBX1	0.26235	0.623469	1.1247	1.1247	1.183999	0.715551	-1.39752	0.226918	0.739872	-1.35159	0.734396	0.922309	-1.08424	0.484045	0.844598	-1.184	0.870868	0.962102	-1.03939	0.0224299	1.91464	1.91464	0.653292	0.898184	-1.11336	0.925694	0.97809	-1.0224	1.59033	1.42054	0.793988	1
cg26995744	SAT1B2	0.26235	1.54351	1.54351	1.54351	1.15	0.60586	-1.65052	0.109867	0.672442	-1.48712	0.89579	0.962328	-1.03915	0.432869	0.7909446	-1.26431	0.0861791	0.57376	-1.74289	0.659435	1.13877	1.13877	0.151065	0.6370063	-1.5697	0.980174	1.00731	1.00731	1.59033	2.16264	1.20878	1
cg00716604	TBC1D15	0.26239	0.516506	1.51833	1.51833	0.848688	0.886284	-1.12831	?	?	?	?	?	?	?	?	?	?	?	?	0.0852576	0.287229	-3.48154	?	?	1.71649	3.44426	4.01315	1
cg18931421	MRTO4;KIAA0090 USP33;USP33;USP33;USP33;USP33;USF	0.26324	0.232457	1.21852	1.21852	0.757259	1.05015	1.05015	0.103279	0.754834	-1.32479	0.0877983	0.742748	-1.34635	0.568989	1.09511	1.09511	0.498003	0.897105	-1.1147	0.239234	0.823221	-1.21474	0.224311	1.22321	1.22321	0.747795	0.950354	-1.05224	1.5903	0.627457	0.350714	1
cg02836531	33	0.26329	0.750199	0.920631	-1.08621	0.568137	0.861255	-1.1611	0.3089	1.31343	1.31343	0.633692	1.13235	1.13235	0.697552	0.903835	-1.1064	0.879459	1.04007	1.04007	0.461272	0.823506	-1.21432	0.103822	0.630976	-1.58485	0.0206485	0.485975	-2.05772	1.59028	1.6882	0.943619	1
cg02759792	INTS1	0.26233	0.187043	0.418252	-2.3909	0.100709	0.32608	-3.06674	0.441528	0.613142	-1.63094	0.201423	0.431327	-2.31843	0.0282111	0.198873	-5.02834	0.302584	0.513949	-1.94572	0.114807	0.343393	-2.91211	0.354802	0.552552	-1.80978	0.140188	0.371884	-2.68901	1.59028	9.78491	5.4693	1
cg22092448	SSBP4;SSBP4;SSBP4;SSBP4	0.26233	0.645634	1.10782	1.10782	0.902695	0.96081	-1.04127	0.796388	0.926299	-1.07961	?	0.973158	1.02705	0.0788544	0.926299	-1.07961	0.130198	0.826169	-1.62263	0.0187411	0.562198	-1.77873	0.533101	1.20565	1.20565	0.177235	1.52937	1.59377	1.96915	1.23553	1
cg10866062	BTBD10;BTBD10	0.26234	0.345044	0.466737	-2.14253	0.0307655	0.136997	-7.29943	0.164289	0.312646	-3.19851	0.603373	0.663197	-1.50785	0.3251	0.451066	-2.21697	0.177772	0.325603	-3.07122	0.0476307	0.169518	-5.89908	0.183259	0.33077	-3.02325	0.448327	0.545844	-1.83202	1.59026	15.4612	8.64217	1
cg06909254	ST3GAL5;ST3GAL5 CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.26345	0.614642	1.28243	1.28243	0.0492677	3.00328	3.00328	0.404883	1.51833	1.51833	0.0723789	2.67111	2.67111	0.459023	0.691115	-1.44694	0.348723	1.60436	1.60436	0.664037	1.23881	1.23881	0.0687384	2.71356	2.71356	0.323949	1.64737	1.64737	1.59022	6.04744	3.88035	1
cg09843272	AMK2B;CAMK2B;CAMK2B;CAMK2B	0.26346	0.180688	0.601162	-1.66345	0.62599	1.19226	1.19226	0.420363	1.34278	1.34278	0.359485	1.40119	1.40119	0.0611951	0.469882	-2.12819	0.984008	0.99285	-1.0072	0.609544	1.22052	1.22052	0.225644	0.634085	-1.57708	0.128676	0.555486	-1.80022	1.59022	3.22836	1.80456	1
cg25426350	HPX	0.26348	0.0702612	0.467886	-2.13965	0.0803571	0.48263	-2.07198	0.233793	0.484269	-2.06511	0.0960898	0.434493	0.0604748	0.423487	-2.36335	0.0690899	0.434493	0.0604748	0.423487	-2.36335	0.0690899	-1.24891	0.0853007	0.489155	-2.04434	0.609468	0.823934	-1.21369	1.59021	3.55865	1.98919	1
cg17468253	PACSIN1	0.26348	0.227881	1.26936	1.26936	0.0112295	1.81959	1.81959	0.479656	1.145	1.145	0.946144	1.01281	1.01281	0.482001	0.874701	-1.14415	0.681148	1.08097	1.08097	0.414846	1.17007	1.17007	0.825017	0.959132	-1.04261	0.838039	0.962167	-1.03932	1.59021	0.894315	0.499899	1
cg19722082	EDIL3	0.26357	0.59168	0.751566	-1.33056	0.194775	0.485108	-2.06143	0.133772	0.426154	-2.34657	0.487893	1.4502	1.4502	0.158332	0.451392	-2.21537	0.78243	0.86415	-1.15721	0.0876911	0.370011	-2.70261	0.339005	1.6817	1.6817	0.320215	1.719	1.719	1.59018	7.00624	3.91639	1
cg22991925	TRIM74;TRIM73	0.26361	0.247788	0.659988	-1.51509	0.215593	1.57235	1.57235	0.510374	1.258212	1.258212	0.8780832	0.945574	1.05756	0.264585	1.058	1.058	0.443808	0.726634	-1.3044	0.263666	1.49018	1.49018	0.0491017	0.463853	-2.16539	0.421148	0.75381	-1.32659	1.59017	2.97851	1.66496	1
cg12502929	LOC100127888;SLCO4A1	0.26363	0.211036	0.544588	-1.83625	0.0356887	0.323882	-3.08754	0.108974	0.446584	-2.23922	0.952463	1.02788	1.02788	0.512616	0.736204	-1.35832	0.632833	0.800939	-1.24854	0.100206	0.435788	-2.29469	0.104303	0.440907	-2.26805	0.0942113	1.00335	1.00335	1.59016	5.35634	2.99416	1
cg06908862	NKX2-2	0.26365	0.919355	0.942318	-1.06122	0.779568	0.97431	-1.0263	0.0993215	1.02611	1.02611	0.97473	1.13473	1.13473	0.136615	0.7539	-1.32644	0.738887	1.0607	1.0607	0.398592	0.858779	1.16444	0.0458068	0.733823	-1.089	0.372792	1.1749	1.1749	1.59015	0.785321	0.436867	1
cg17216071	JUND	0.26376	0.09772	2.23952	2.23952	0.182683	0.535676	-1.8668	0.655161	1.21752	1.21752	0.204633	1.80457	1.80457	0.0924036	0.439473	-2.27545	0.608326	1.25405	1.25405	0.840272	0.915501	-1.0923	0.949281	1.02822	1.02822	0.346713	0.653289	-1.53072	1.64421	4.87712	2.30708	1
cg26587105	MOSPD1	0.26379	0.969368	0.887703	-1.00314	0.974481	1.33436	1.33436	0.424006	0.478298	2.09156	0.0479496	0.478298	2.09156	0.0479496	0.427746	-2.33797	0.448309	0.478298	2.09156	0.0479496	0.427746	-2.33797	0.41352	0.73783	-1.35506	0.0559159	0.786047	-1.27219	0.758724	0.884598	-1.12996	1.5901	0.306005	0.345729	1
cg12061886	FOS	0.26383	0.303322	0.629851	-1.58768	0.471449	0.727888	-1.37384	0.0778925	2.3384	2.3384	0.649175	1.21966	1.21966	0.389843	0.682455	1.4653	0.519807	0.753599	-1.32697	0.0655918	0.408223	-2.44964	0.22224	0.57339	-1.74401	0.410328	0.69416	-1.44059	1.59009	4.73428	2.64655	1
cg02324774	C19orf63;FAM71E1;C19orf63	0.26389	0.954071	0.980209	-1.02019	0.760625	1.11188	1.11188	0.0188055	2.68536	2.68536	0.828765	0.927584	-1.07807	0.101353	0.53657	-1.86369	0.882042	1.05288	1.05288	0.680431	0.86612	-1.15457	0.574912	1.21732	1.21732	0.566346	1.22283	1.22283	1.59007	3.03316	1.69561	1
cg05813032	KCNAB2;KCNAB2	0.26389	0.0752189	0.5107	-1.95806	0.0645758	0.514857	-1.94357	0.0198057	0.531048	-1.88309	0.0636309	0.5221	0.5221	0.0144307	0.3202888	-3.12209	0.392274	1.519	1.519	0.0145402	0.211501	2.11701	0.471758	0.983411	-1.01687	0.509143	0.728756	1.3722	1.59007	5.62169	3.54267	1
cg23642875	CPN1 WDR47;WDR47;WDR47;WDR47;WDR4	0.26396	0.675459	1.16872	1.16872	0.796438	1.10045	1.10045	0.053766	0.444460	-2.24987	0.252905	0.642646	-1.55607	0.591497	0.818246	-1.22213	0.791542	0.906574	-1.10305	0.0552936	0.447342	-2.23543	0.0722944	0.475884	-2.10153	0.70228	0.867444	-1.15281	1.59004	3.4525	1.93006	1
cg09160037	7;WDR47	0.26401	0.243625	0.790881	-1.26441	0.0846287	1.44308	1.44308	0.36168	0.990792	-1.00929	0.995634	1.00105	1.00105	0.422776	1.17053	1.17053	0.77252	1.05732	1.05732	0.232703	0.78611	-1.27209	0.331125	1.21268	1.21268	0.0633035	1.49425	1.49425	1.59003	0.93127	0.520617	1
cg14119137	GPLD1;GPLD1	0.26402	0.495852	0.652767	-1.53194	0.971128	0.977923	-1.02258	0.0444469	0.240813	-4.1526	0.473111	0.637571	-1.56845	0.0270039	0.198851	-5.02888	0.235686	0.464614	-2.15233	0.239846	0.468065	-2.13646	0.873385	0.906311	-1.10337	0.789797	1.17916	1.17916	1.59002	9.58126	5.35632	1
cg05596635	ABTB1;ABTB1;ABTB1	0.26411	0.70569	1.33467	1.33467	0.49439	0.752453	-1.32913	0.264513	0.753663	-1.32693	0.452558	1.7901	1.7901	0.0499758	0.72935	-1.37117	0.95674	1.04214	1.04214	0.79139	0.702392	1.02135	0.770392	1.24942	1.24942	0.973522	1.02558	1.02558	1.58999	14.579	8.15043	1
cg06277537	LSM5;LSM5;AVL9	0.26412	0.461644	0.813772	-1.22885	0.488572	0.824686	-1.21347	0.217644	0.700022	-1.42853	0.902908	0.966998	-1.03413	0.503465	1.99094	1.99094	0.016836	0.488429	-2.23001	0.473371	1.2263	1.22263	0.457827	1.23109	1.23109	0.571426	0.854472	-1.17031	1.58999	1.9042	1.06455	1
cg05449841	BEST1;BEST3	0.26413	0.0284984	0.5107	-1.95806	0.0188788	0.183783	-5.44283	0.0141323	0.480383	-2.08183	0.0428153	0.478832	-2.08837	0.0110198	0.302548	-3.30488	0.0129629	0.478832	-2.08837	0.0110198	0.302548	-3.30488	0.0129629	0.477444	-2.09466	0.0188909	0.287413	-3.47932	0.00978881	0.188909	0.287413	-3.47932	0.00978881	1.58999	3.84205	0.611348	6.35473	1
cg25440310	GRIN2D	0.26415	0.6665509	0.936367	-1.06796	0.37899	0.872082	-1.14668	0.0292769	0.677439	-1.47615	0.54682	0.911679	-1.09688	0.871741	0.957796	1.0248	0.7275573	1.05447	1.05447	0.100921	1.13137	1.13137	0.403915	0.878518	-1.13828	0.51497	1.10531	1.10531	1.58998	0.579105	0.323753	1
cg04508649	MTOR;ANGPTL7	0.26419	0.29388	1.61421	1.61421	0.0247095	3.24194	3.24194	0.896152	0.944184	-1.05912	0.115122	1.12434	1.12434	0.195178	1.8269	1.8269	0.159234	1.938	1.938	0.219599	1.76431	1.76431	0.453606	1.39901	1.39901	0.180799	1.8682	1.8682	1.58996	4.87116	2.72328	1
cg04164499	NGB	0.26422	0.7055049	1.29313	1.29313	0.474481	1.33436	1.33436	0.424006	0.478298	-2.09156	0.0479496	0.478832	-2.08837	0.0110198	0.302548	-3.30488	0.0129629	0.478832	-2.08837	0.0110198	0.302548	-3.30488	0.0129629	0.477444	-2.09466	0.0188909	0.287413	-3.47932	0.00978881	0.188909	0.287413	-3.47932	0.00978881	1.58996	1.5825	0.884721	1.5825	1
cg27481837	EFEMP2	0.26426	0.540091	0.701456	-1.42561	0.0457067	0.70474	0.70474	0.116731	2.64936	2.64936	0.297713	1.85362	1.85362	0.172188	0.435727	-2.29501	0.993893	0.995634	-1.00438	0.515155	0.685722	-1.45832	0.559	1.40187	1.40187	0.823675	1.13608	1.13608	1.58994	8.22968	4.60098	1
cg22736464	PTPN9;PTPN9;PTPRN2	0.26431	0.452234	0.860527	-1.16218	0.0736415	0.30982	0.30982	0.0770376	3.23838	3.1883	0.151825	0.354029	-2.82442	0.266541	0.292543	-3.4183	0.882844	0.972877	-1.02781	0.617597	1.1883	1.01397	1.1883	0.905945	-1.10382	0.513797	1.11857	1.11857	0.557536	0.890254	-1.12327	1.58992	0.907165	0.54072	1
cg00230205	PCGF3	0.26431	0.478087	0.764998	-1.30719	0.398654	0.725455	-1.37845	0.129559	0.544285	-1.83727	0.220182	0.619531	-1.61412	0.0114427	0.308706	-3.23933	0.900247	0.95449	-1.04768	0.895314	0.952279	-1.05011	0.554247	0.800757	-1.24882	0.279952	0.658909	1.51766	1.58992	1.47383	1.94214	1
cg10361659	RNASEH2B;RNASEH2B CNBP;CNBP;CNBP;CNBP;CNBP;CNBP;CN	0.26432	0.366783	0.792327	-1.26211	0.0771558	1.63785	1.63785	0.216631	1.38599	1.38599	0.345872	0.783699	-1.276	0.110926	0.646594	-1.54657	0.224707	0.726016	-1.37738	0.617165	0.881147	-1.13488	0.672544	0.898764	-1.11264	0.693546	0.905351	-1.10454	1.58992	1.58728	0.887412	1
cg11831058	BP;CNBP;CNBP;CNBP;CNBP;CNBP	0.26432	0.889126	1.03389	1.03389	0.12281	1.49106	1.49106	0.151381	1.44385	1.44385	0.503601	1.17607	1.17607	0.63026	0.890575	-1.12287	0.580629	1.14263	1.14263	0.0411753	0.569581	-1.75567	0.563166	0.870669	-1.14854	0.788448	0.937761	-1.06637	1.58992	1.43758	0.803723	1
cg08372680	AXIN1;AXIN1	0.26434	0.20083	1.44107	1.44107	0.418434	0.670033	-1.49169	0.0552153	0.744252	-1.34353	0.0200007	0.972543	1.02743	0.644245	0.752653	-1.32853	0.877055	0.97954	1.02103	0.865885	0.970705	-1.03054	0.725511	0.831026	-1.20313	0.0193428	0.53118	1.01397	1.58991	0.919873	0.508394	1
cg02017015	CCDC154	0.26435	0.058571	0.390865	-2.55843	0.3915115	1.47102	1.47102	0.577033	0.780593	-1.28108	0.391971	0.680065	-1.47045	0.0300142	0.325579	-3.07145	0.24548	0.586231	-1.70581	0.412378	0.691803	-1.4455	0.329123	0.642247	-1.55703	0.508731	0.744745	-1.34274	1.58991	4.86672	2.7209	1
cg01781734	CAMK4	0.26435	0.515364	0.763844	-1.3097	0.385459	0.748572	-1.3359	0.0966277	0.837473	-1.19407	0.532407	0.762458	-1.31142	0.0248923	0.418196	-2.39122	0.0735481	0.424855	2.35319	0.0172425	0.318196	-3.14272	0.0139	0.800865	-1.24965	0.0411911	1.11978	0.0774239	0.430841	-2.32104	1.5899	0.9	1
cg16547081	TRIM3;TRIM3	0.26435	0.007337	2.022	2.022	0.0139111	1.76452	1.76452	0.850877	0.965437	1.0358	0.107102	1.38922	1.38922	0.0393504	0.720548	-1.38784	0.479019	1.6469	1.6469	0.385393	1.18084	1.18084	0.942962	1.01346	1.01346	0.962268	1.09197	1.09197	1.00888	1.5899	0.879537	0.491735	1
cg12805865	BBOX1	0.26443	0.258631	0.554694	-1.8028	0.0159259	0.228541	-4.37558	0.44498	0.677506	-1.476	0.637102	1.23618	1.23618	0.161157	0.47317	-2.1134	0.702336	0.825307	-1.21167	0.384506	0.640289	-1.5618	0.601052	1.30187	1.30187	0.791616	1.14157	1.14157	1.58988	6.29555	3.51979	1
cg10054857	C18orf20	0.26464	0.0236643	0.519339	-1.92543	0.0154233	0.86233	-1.15965	0.594138	0.954135	-1.13077	0.231704	0.750783	-1.33194	0.0972095	0.559725	-1.78593	0.884398	1.05233	1.05233	0.597059	0.915778	-1.09218	0.482039	1.1954	1.1954	0.230769	1.34076	1.34076	1.17673	1.17673	0.0222082	0.745844	-1.34076	1.58984	0.91349	0.735106	1
cg07200897	DIRC2;HSPBAP1	0.26457	0.636712	0.867672	-1.15251	0.299835	0.14199	0.14199	0.68705	1.12766	1.12766	0.684439	0.885231	-1.12965	0.0705563	0.547208	-1.82746	0.798158	1.07946	1.07946	0.360778	1.32353	1.32353	0.979581	0.992393	-1.00766	0.829032	0.937516	-1.06665	1.58983	2.24132	1.25314	1
cg13339544	ANO7;ANO7	0.26246	0.176949	0.503599	-1.98591	0.0499585	0.169518	-5.89953	0.0169511	0.232908	-4.29353	0.0241323	0.209735	-4.76822	0.0210198	0.202538	-4.93588	0.0129629	0.478832	-2.08837	0.0110198	0.302548	-3.30488	0.0129629	0.477444	-2.09466	0.0188909	0.287413	-3.47932	0.00978881	0.188909	0.287413	-3.47932	0.00978881	1.58983	4.24172	0.742812	4.24172	1
cg14049382	SAP52	0.26462	-0.290887	0.845674	-1.18248	0.889423	1.0215	1.0215	0.0911	1.09881	1.09881	0.145951	0.787631	-1.26953	0.248133	1.20279	1.20279	0.514851	1.10628	1.10628	0.0481041	0.414268	-2.41268	0.744401	1.05346	1.05346	0.204302	1.22736	1.22736	1.58981	0.588903	0.329265	1
cg05942562	PRAGMIN	0.26462	0.948158	1.04814	1.04814	0.018102	2.98586	2.98586	0.750845	0.74205	-1.34705	0.792044	0.826092	-1.21052	0.941055	0.947936	-1.05492	0.80958	1.1907	1.1907	0.480221	1.68009	1.68009	0.894118	0.908212	-1.10106	0.769424	0.808545	-1.23679	1.58981	13.1621	7.35915	1
cg13285189	NAP9	0.26417	0.403174	1.60888	1.60888	0.0784225	1.73799	1.73799	0.866063	0.576852	-1.73402	0.688974	1.45244	1.45244	0.0759439	0.68582	-1.45843	0.124604	2.05683	2.05683	0.0174001	0.375247	2.66588	0.0174001	0.375247	2.66588	0.0174001	0.375247	2.66588	0.0174001	0.375247	2.66588	0.0174001	0.375247	1.58981	1.18647	0.746887	0.84275	1.35378	1
cg00014203	KDM6B;TMEM88	0.26475	0.263694	1.50735	1.50735	0.0605877	2.10677	2.10677	0.846156	0.933874	-1.07081	0.478613	1.28879	1.28879	0.155716	1.70738	1.70738	0.700892	0.872901	-1.14561	0.179674	0.605371	-1.65188	0.213685	1.5859	1.5859	0.234644	1.55077	1.55077	1.58977	3.12316	1.74626	1
cg26247479	ZNF4	0.26479	0.799743	0.752948	-1.32811	0.0736415	0.30982	0.30982	0.0770376	3.89338	3.89338	0.342515	0.354029	-2.82442	0.266541	0.292543	-3.4183	0.882844	0.972877	-1.02781	0.617597	1.1883	1.01397	1.1883	0.905945	-1.10382	0.513797	1.11857	1.11857	0.557536	0.890254	-1.12327	1.58976	0.907165	0.54072	1
cg06550214	RNF220	0.26248	0.815758	0.84864	1.04848	0.566216	1.1248	1.1248	0.0345254	1.64868	1.64868	0.976556	0.994083	-1.00595	0.99661	0.923607	-1.08271	0.33352	1.816846	-1.22422	0.0470763	0.861738	-1.16045	0.395751	1.1929	1.1929	0.070647	1.50638	1.50638	1.58975	1.03567	0.579081	1
cg07602985	BANP;BANP	0.26482	0.177466	0.800688	-1.24893	0.0875717	0.746414	-1.33974	0.774641	0.956457	-1.04553	0.499161	0.899171	-1.11214	0.300694	0.846776	-1.18095	0.731875	0.948057	-1.05479	0.912798	0.983154	-1.01713	0.062503	0.722434	-1.38421	0.0321943	0.677679	-1.47562	1.58974	0.605601	0.338616	1
cg22634148	EEF1A2	0.26483	0.963015	1.02161	1.02161	0.0165	1.49106	1.49106	0.151381	1.44385	1.44385	0.503601	1.17607	1.17607	0.63026	0.890575	-1.12287	0.580629	1.14263	1.14263	0.0411753	0.569581	-1.75567	0.563166	0.870669	-1.14854	0.788448	0.937761	-1.06637	1.58974	1.43758	0.803723	1
cg27454842	PSD	0.26515	0.26614	0.551495	-1.81325	0.669531	1.24672	1.24672	0.247589	1.86056	1.86056	0.851524	1.10102	1.10102	0.141617	0.444078	-2.25186	0.24546	0.535821	-1.86629	0.0327907	0.277296	-3.60626	0.474177	0.68808	-1.45332	0.861787	0.914385	-1.09363	1.58963	6.64163	3.71388	1
cg02120739	PMZD02	0.26518	0.782413	0.880499	-1.13638	0.617085	0.690942	-1.44753	0.0837428	1.64414	1.64414	0.608278	0.83318	-1.20015	0.0986208	0.424107	-2.35772	0.796326	0.957237	-1.04471	0.735464	0.744396	-1.34337	0.821879	1.376	1.376	0.726877	0.955146	1.04655	1.58955	1.00953	0.588215	1
cg17929459	CCDC88C	0.26495	0.139594	0.414171	-2.41446	0.301279	1.81095	1.81095	0.66226	0.783721	-1.27596	0.0786736	0.338623	-2.95314	0.470611	0.6656669	-1.50225	0.0609174	1.309975	-3.22607	0.568137	1.37698	1.37698	0.621445	0.758819	-1.31784	0.245999	0.510304	-1.95962	1.58969	7.74062	4.32823	1
cg25113853	DNAI2	0.26428	0.562466	1.33499	1.33499	0.697301	1.21271	1.21271	0.25535	1.7966	1.7966	0.323176	1.65446	1.65446	0.336264	1.63099	1.63099	0.067728	0.364335	-2.74473	0.143768	0.460715	-2.17054	0.037826	0.791407	-1.26357	0.261025	1.78311	1.78311	1.58968	6.1289	3.42704	1
cg13360263	FOXI2	0.26525	0.758839	0.881222	-1.13503	0.773707	0.876219	-1.14127	0.414533	0.552629	-1.80968	0.0554255	0.547259	-1.82758	0.0366462	0.314153	-3.18234	0.0638318	0.541859	-1.84566	0.0366462	0.314153	-3.18234	0.0638318	0.541859	-1.84566	0.0366462	0.314153	-3.18234	0.0638318	0.541859	-1.84566	0.0366462	0.314153	-3.18234	1.58968	0.595302	0.428312	1.33924	1
cg26142253	PIBF1	0.26525	0.517104	0.700803	-1.42693	0.863679	1.09748	1.09748	0.511962	0.697658	-1.43337	0.231056	1.97393	1.97393	0.041884	0.28101	3.55859	0.444953	0.656061	1.52425	0.492448	0.685669	-1.45843	0.102992	2.62616	2.62616	0.714632	0.819731	-1.21991	1.58968	7.37685	4.12487	1
cg18015323	INTS10	0.26527	0.393663	0.684085	-1.46183	0.496875	1.34932	1.34932	0.3908	0.74205	1.37026	0.27026	0.405916	1.44698	1.44698	0.2464	2.46698	0.584996	0.78692	1.27109	0.318955	0.554792	1.80245	0.155562	0.742683	1.34644	0.183102	0.541033	1.84901	0.0298511	0.541033	1.84901	0.0298511	0.541033	1.84901	1.58102	0.569313	0.42491	2.65823	1
cg26250978	ATF6	0.26529	0.0384911	0.134968	-2.98536	0.142119	0.486855	-2.054	0.837101	0.903075	-1.09845	0.335337	0.635578	-1.57337	0.0773371	0.408285	2.44927	0.150469	0.49506	-2.01996	0.107055	0.248311	-4.02762

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1117 vs. N)	Fold-Change(1 vs.1117)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1237 vs. N)	Fold-Change(1 vs.1237)	p-value(3477 vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	df
cg13232097	SLC45A3	0.262735	0.15113	0.804287	-1.24334	0.0595009	0.739976	-1.35139	0.616493	0.9310006	-1.07411	0.184518	0.122051	1.22051	0.757976	0.953578	-1.04868	0.288962	1.16464	1.16464	0.298014	0.858358	-1.16502	0.361256	0.875577	-1.1421	0.31402	0.863186	-1.1585	1.58885	0.504392	0.282185	1
cg26970477	EID2	0.262736	0.890288	1.05864	1.057804	2.43237	2.43237	0.590132	1.25173	1.2551713	0.335549	1.50685	0.1181	0.496271	-2.01503	0.272326	1.60283	1.60283	0.90701	0.647882	-1.54349	0.634342	1.21877	1.21877	0.243454	1.6552	1.6552	1.58885	4.28996	2.40005	1
cg13065504	PLA2G4F;PLA2G4F	0.262737	0.0219708	0.533987	-1.87271	0.867301	1.03892	1.03892	0.930922	0.9804001	-1.01999	0.255407	1.31137	1.31137	0.779742	0.938	-1.0661	0.527397	0.863996	-1.15741	0.167159	1.39962	1.39962	0.54258	1.1511	1.1511	0.784993	0.939476	-1.06442	1.58884	1.31156	0.733762	1
cg09824849	RTEL1;RTEL1	0.262738	0.926614	0.975351	-1.02718	0.3118833	0.412706	-2.42303	0.0893754	0.5796051	-1.72518	0.690779	0.8800307	-1.12346	0.3388285	0.7500451	-1.33326	0.671469	0.883195	-1.13227	0.722808	0.9015502	-1.10926	0.290386	0.731102	-1.3678	0.195533	0.671285	-1.48968	1.58884	2.13301	1.19333	1
cg23038580	FAM47E	0.262743	0.494897	0.673997	-1.48369	0.31087	0.550537	-1.81641	0.166748	0.43206	-2.31449	0.280957	0.5283095	-1.89253	0.0270041	0.230189	-4.34426	0.404633	0.616649	-1.62167	0.0950005	0.351913	-2.84161	0.698784	0.801438	-1.24776	0.0660086	0.30912	-3.23499	1.58882	8.15384	4.56179	1
cg23630018	VGLL4	0.262748	0.166011	0.402426	-2.48493	0.748058	1.21968	1.21968	0.541633	0.6831357	-1.46336	0.210341	0.4413441	-2.2556	0.251923	0.20078	2.00078	0.33949	0.998597	0.463538	0.631422	-1.58373	0.208333	0.2646	2.6846	1.59226	8.5121	5.34991	1
cg01660035	MAP2K7	0.262751	0.900551	1.02389	1.02389	0.558935	1.11808	1.11808	0.797148	0.9525121	-1.04985	0.676217	1.08255	1.08255	0.677778	0.924126	-1.0821	0.93063	0.983692	-1.01658	0.0198553	0.588	-1.70068	0.521565	1.13053	1.13053	0.113237	1.38473	1.38473	1.58879	0.897394	0.50207	1
cg09542111	GRIK1;GRIK1;GRIK1;GRIK1	0.262754	0.6980015	0.939307	-1.06402	0.379809	1.15568	1.15568	0.841261	0.9046568	-1.05895	0.557683	0.904638	-1.10547	0.167438	1.31379	1.31379	0.188971	0.799717	1.25044	0.698553	0.939415	-1.06449	0.186629	0.709854	-1.35211	0.0809615	1.36446	1.36446	1.58877	0.648974	0.36309	1
cg09053097	TSPAN18	0.262759	0.905299	0.937066	1.06716	0.359832	1.30263	1.30263	0.334356	1.72251	1.72251	0.298328	1.8018	1.8018	0.116971	0.397656	-2.51474	0.79361	0.86658	-1.15396	0.307382	1.78085	1.78085	0.163096	0.6001193	-1.66613	0.162892	1.62892	1.58876	1.58882	1.50573	0.93934	1
cg13436343	PUM1;PUM1	0.262761	0.597512	0.934318	-1.0703	0.0547407	1.32024	1.32024	0.466577	1.09907	1.09907	0.091348	0.788929	-1.26754	0.67326	0.947357	-1.05557	0.633233	0.940543	-1.06322	0.754674	0.960819	-1.04078	0.508399	0.918101	-1.08931	0.173859	1.20259	1.20259	1.58876	0.409095	0.228884	1
cg23402755	ITIH2	0.262762	0.607334	1.03567	1.03567	0.49999	1.08212	1.08212	1.08576	0.9854683	0.6591929	-1.44423	0.6334772	0.618	-1.61812	0.899341	1.05219	0.324999	0.820172	-1.21792	0.248724	1.23871	1.23871	0.455185	0.8970973	-1.11466	0.163702	1.16376	0.8233102	0.957553	1.04413	1.58875	0.944212	0.528287	1
cg06477881	LRRC20;LRRC20;LRRC20	0.262763	0.654664	1.31463	1.31463	0.928176	1.06189	1.06189	0.31122	1.93799	1.93799	0.7	?	?	?	0.852103	0.889343	-1.12443	0.0497433	2.379068	4.20225	?	?	?	0.124415	2.88102	2.88102	0.611643	1.38001	1.58801	1.43402	7.84526	4.75954	1
cg15963230	C19orf39	0.262764	0.1796212	1.17692	1.17692	0.814767	0.888792	1.12512	0.680269	1.23141	1.23141	0.0194891	0.596614	0.0720952	0.838483	0.4307	0.899437	0.929868	1.06625	1.49536	0.724986	0.8037077	-1.19463	0.901284	0.940761	-1.06297	0.58875	0.34956	3.55352	1
cg12954591	RP2BP2;RP2BP2	0.262769	0.403092	1.13432	1.13432	0.155994	0.799667	-1.25052	0.303052	1.17126	-1.17126	0.942753	0.989478	-1.01063	0.283521	1.17835	1.17835	0.0640674	1.35869	1.35869	0.066435	1.35418	1.35418	0.592738	1.08277	1.08277	0.652376	1.06907	1.06907	1.58873	0.5459001	0.30543	1
cg09176021	HEPACAM	0.262771	0.0981007	2.06646	2.06646	0.0963433	2.0759	2.0759	0.643806	1.37643	1.37643	0.31232	1.51907	1.51907	0.671602	0.8900888	-1.12348	0.165775	1.80629	1.80629	0.0656707	2.2849	2.2849	0.0739596	2.21818	2.21818	0.552411	1.27182	1.27182	1.58872	4.02656	2.25286	1
cg14583606	SLC1A1	0.262773	0.0224065	2.52443	2.52443	0.629397	1.26917	1.26917	0.720922	1.38833	1.38833	0.133213	0.6764643	1.47845	1.22985	0.8078955	-1.23808	0.286582	1.72539	1.72539	0.318041	1.66176	1.66176	0.38926	2.5682	1.38616	1.38616	0.642609	0.105547	2.80681	1
cg15160873	WDR33	0.262773	0.1259241	2.11626	2.11626	0.32566	0.631636	-1.58319	0.537205	0.75363	-1.32691	0.415575	1.45748	1.45748	0.351558	1.54351	1.54351	0.980145	1.01133	1.01133	0.0253522	3.33123	3.33123	0.754923	1.1523	1.1523	0.65433	0.815438	-1.22634	1.58871	5.15673	2.8852	1
cg04642608	DOC2B	0.262773	0.0923564	2.03979	2.03979	0.0529649	2.35823	2.35823	0.291437	1.53269	1.53269	0.372994	1.42865	1.42869	0.817149	1.09455	1.09455	0.690813	1.16877	1.16877	0.256948	0.633176	-1.58384	0.0974216	0.610296	2.01096	0.534229	1.27833	1.27833	1.58871	3.82876	2.1422	1
cg24749866	SH3BP4	0.262775	0.826645	0.92963	-1.0757	0.03476	0.447303	-2.23562	0.104586	0.55993	-1.78594	0.440168	0.2935	3.2851	0.547364	0.819503	-1.22025	0.612033	0.846394	-1.18148	0.397408	0.753313	-1.32747	0.150678	0.6043585	-1.65457	0.41118	1.31616	1.31616	1.58871	2.68803	1.50452	1
cg16333401	MERTK	0.26278	0.0926025	0.730059	-1.36975	0.0896645	0.727549	-1.37448	0.589247	0.9114961	-1.0971	0.272714	1.21418	1.21418	0.283481	0.827427	-1.20857	0.418188	0.868805	-1.15101	0.0830092	0.7215911	-1.38583	0.170218	0.780109	-1.28187	0.714263	0.9394	-1.06451	1.58869	0.727163	0.406856	1
cg19425431	CABP1	0.262788	0.154377	0.479431	-2.0858	0.6524063	1.14438	1.24438	0.372992	1.55429	1.55429	0.152033	0.4771537	-2.09574	0.2972726	0.593025	-1.68572	0.398307	0.658892	-1.5177	0.075237	0.3934162	-2.82332	0.109199	0.430733	-2.32162	0.4483042	0.685825	-1.4581	1.58866	5.85056	3.27351	1
cg08783584	ARID1B;ARID1B;ARID1B	0.262791	0.0649149	0.508852	-1.96521	0.113031	0.569977	-1.75446	0.120351	0.5737407	-1.73776	0.226032	0.660771	-1.51338	0.598305	0.840903	-1.1892	0.884825	1.04838	1.04838	0.222761	1.51171	1.51171	0.676705	0.872257	-1.14645	0.669449	1.15024	1.15024	1.58865	2.67281	1.49955	1
cg25783243	GRB14	0.262796	0.4437356	1.1481	1.1481	0.736465	0.597207	-1.67436	0.0844203	0.7337703	-1.36294	0.778863	1.34952	1.34952	0.176538	0.745827	-1.34087	0.978554	0.992737	-1.00738	0.9788	0.9973551	1.00287	0.0482363	0.8839077	-1.13104	0.536693	1.1881	1.18807	0.6020861	0.8809307	-1.15004	0.53663	1.58873	0.8907781	0.5545	1
cg22106810	PLEKHA5;PLEKHA5	0.2628	0.855743	0.936795	-1.06747	0.0497645	1.23211	1.23211	0.986536	0.993964	-1.00607	0.816396	1.08702	1.08702	0.536092	0.7986578	1.25207	0.353022	0.709733	-1.40898	0.0354734	2.40708	2.40708	0.462366	1.3079	1.3079	0.708053	1.1445	1.1445	1.58862	3.2387	1.81217	1
cg18691055	MKI67;MKI67	0.262804	0.171335	0.759577	-1.31652	0.902729	0.977179	-1.02335	0.0794142	1.44432	1.44432	0.187145	0.7679884	-1.30231	0.0021026	0.9605475	-1.10439	0.600292	1.10498	1.10498	0.521428	1.13055	1.13055	0.155089	1.33282	1.33282	0.292958	1.22875	1.22875	1.58861	0.8969983	0.501898	1
cg21208685	TMEM47	0.262811	0.107968	1.48158	1.48158	0.0759556	0.464506	-1.78063	0.783398	0.8462494	-1.18164	0.425407	1.48682	1.48682	0.0184432	0.5518329	1.81205	0.276147	1.00259	1.00259	0.9912131	0.9932291	1.00729	0.0136386	0.9970086	1.00314	0.9844254	0.9992406	1.00804	1.58861	0.0001124	0.0000541	1
cg15300730	ZFP36L2;LOC100129726	0.262812	0.363477	0.646665	-1.54639	0.0934485	0.422656	-2.36599	0.0140461	0.242836	-4.118	0.295575	0.6027313	-1.65911	0.180417	0.514834	-1.94238	0.930744	0.960239	-1.04141	0.419469	0.680429	-1.46966	0.690966	0.829847	-1.20504	0.686022	0.827209	-1.20888	1.58858	5.48145	3.06715	1
cg17808910	GLCCI1	0.262813	0.304181	0.553933	-1.86591	0.132135	0.867853	-2.59226	0.640764	1.31714	1.31714	0.301134	1.87381	1.87381	0.272892	0.512286	-1.95203	0.573298	0.716364	-1.39594	0.170266	0.424823	-2.35392	0.122874	0.375385	-2.66393	0.245285	2.11218	2.11218	1.58856	8.64388	4.83675	1
cg07132517	ZL;TSPAN4;TSPAN4	0.26282	0.72908	1.03732	1.03732	0.450236	0.92213	-1.08445	0.38432	0.9102288	-1.09855	0.0483948	1.26827	1.26827	0.0964502	0.825041	-1.21206	0.938392	1.00818	1.00818	0.288175	0.890301	-1.12322	0.485942	0.92811	-1.07746	0.29017	0.890761	-1.12264	1.58855	0.279362	0.15632	1
cg06341097	ZNF548;ZNF548	0.262782	0.190826	1.24191	1.24191	0.0429	0.453156	-2.20647	0.201321	0.530039	-1.88626	0.213114	1.13652	1.13652	0.513168	0.8794943	-1.13705	0.955547	1.04614	1.04614	0.798893	0.9185	1.08885	0.265126	0.8911	1.12274	0.512152	1.12274	1.12274	1.58854	0.5185148	0.378854	1
cg16126280	EBF1	0.262822	0.331005	1.76539	1.76539	0.638832	1.30718	1.30718	0.369218	1.2512093	1.25193	0.939831	0.9581224	-1.04371	0.4869479	1.48834	1.48834	0.229775	0.489656	-2.04225	0.0117678	0.195282	-5.1208	0.549156	1.40983	1.40983	0.997766	0.998415	-1.00159	1.58854	8.07879	4.52059	1
cg22094923	TRPV1;TRPV1;TRPV1;TRPV1	0.262823	0.2437356	1.3401	1.3401	0.0794665	0.842033	-1.18673	0.183648	0.8134445	-1.22939	0.154599	0.8047207	-1.24255	0.0336376	0.3109582	-3.21568	0.4108421	1.54241	1.54241	0.0247489	2.4597	2.4597	0.0975851	2.01866	2.01866	0.0216462	0.375829	-2.66079	1.58845	3.9921345	2.51495	1
cg14681086	CDH22	0.262831	0.170613	0.335374	-2.98175	0.947927	1.05012	1.05012	0.898164	0.908587	-1.10061	0.519051	0.612985	-1.63136	0.0793589	0.2326693	4.29794	0.7115596	0.757269	-1.32053	0.0220146	0.127893	-7.81906	0.156559	0.3215547	-3.10996	0.319748	0.463102	-2.15935	1.58851	14.103	7.89169	1
cg03137928	ZNF75A	0.262837	0.504438	0.779649	-1.28263	0.0345807	0.406983	-2.4571	0.351847	0.7050514	-1.41841	0.469496	0.7645558	-1.30795	0.927697	1.03367	1.03367	0.944126	0.974754	-1.0259	0.244349	1.55944	1.55944	0.635386	0.840082	-1.19036	0.0600082	0.461145	-2.16851	1.58849	3.34833	1.87367	1
cg23127897	AGBL4	0.262847	0.56385	1.08	1.08	0.703234	0.810004	-1.0879	0.312464	0.8911206	-1.12217	0.312464	0.8613386	-1.16088	0.0772056	0.642711	-1.55591	0.780931	1.08803	1.08803	0.708093	0.8911	1.12778	1.17404	0.336386	0.6970086	1.08808	0.9921134	1.51766	1.51766	0.650474	1.10808	0.784185	1.27358	0.7126848	1
cg09884423	TNXB;TNXB1;TNXB2;tRD3;TNXB	26.2861	0.129916	4.47464	4.47464	0.907106	2.11285	1.11285	0.695084	1.43449	1.43449	0.101658	5.16202	5.16202	0.587907	0.605854	-1.65056	0.792409	1.27328	1.27328	0.721766	0.720719	-1.3875	0.0387003	8.96141	8.96141	0.121394	4.65609	4.65609	1.58841	21.1053	11.8107	1
cg06135606	ADAM22	0.262864	0.853345	0.951918	-1.09192	0.110157	0.439664	-2.27446	0.231287	1.80868	1.80868	0.8799	1.07397	1.07397	0.214092	0.539368	-1.85402	0.161109	0.49342	-2.02667	0.0651994	0.376439	-2.6565	0.224897	0.547929	-1.82505	0.868089	1.01006	1.01006	1.5884	5.6035	3.3358	1
cg17987505	SQSTM1;SQSTM1	0.262869	0.124141	1.75108	1.75108	0.370462	1.2825	1.2825	0.24933	1.34053	1.34053	0.857747	1.03105	1.03105	0.934284	0.9977243	1.00153	0.278117	0.825137	-1.21195	0.161828	0.775212	-1.28997	0.224937	0.808809	-1.23639	0.842682	0.966098	-1.03445	1.58838	0.7638854	0.409001	1
cg13150040	PPP1R15B	0.262869	0.999377	0.999793	-1.00021	0.086579	0.604745	-1.65359	0.409716	1.25107	1.25107	0.369341	1.27756	1.27756	0.5044	1.19461	1.19461	0.590826	1.15512	1.15512	0.0770955	0.593189	-1.6858	0.387062	0.790126	-1.26562	0.232875	1.39426	1.39426	1.58838	1.7758	0.993776	1
cg06394585	ORC4L;ORC4L;ORC4L	0.262875	0.321146	1.49154	1.49154	0.5	0.744224	1.34324	0.542597	1.27617	1.27617	0.417143	1.56404	1.56404	0.318369	1.11941	1.11941	0.630315	1.05247	1.05247	0.6449442	1.19621	1.19621	0.845392	1.02081	1.02081	0.464942	1.17727	1.17727	1.58836	0.7582	0.156594	1
cg16970734	CYP1P1	0.262875	0.88908	0.924943	-1.08115	0.761895	1.1852	1.1852	0.972401	1.01953	1.01953	0.598493	0.742972	-1.34595	0.349099	0.583364	-1.7142	0.6424496	0.769898	-1.29872	0.00788606	0.148724	-6.72385	0.312268	0.557419	-1.79398	0.488567	0.674759	-1.48201	1.58836	7.86412	4.40098	1
cg11730176	SLC4A12;SLC4A12;SLC4A12	0.262875	0.384744	1.13635	1.13635	0.230675	0.710523	1.01953	0.0618883	1.14984	1.14984	0.194094	0.922008	-1.08459	0.0187257	0.5388214	1.85582	0.570071	1.14643	1.14643	0.192112	0.5912	-1.69145	0.0178146	0.5707317	-1.75254	0.0789102	0.560593	-1.78435	0.74254	0.797942	1
cg20235596	AMDHD1;CCDC38	0.262875	0.710667	0.931992	-1.07297	0.300482	1.22483	1.22483	0.345041	1.36157	1.36157	0.657144	1.08811	1.08811	0.604524	0.90856	-1.10056	0.525669	0.797854	-1.25385	0.0812361	1.23094	1.23094	0.0419675	1.55741	1.55741	0.14835	0.8987711	0.8908778	0.5029178	1
cg19500236	PIP4K2A	0.262878	0.120544	3.08543	3.08543	0.256179	2.2102	2.2102	0.828722	1.15601	1.15601	0.516129	2.75993	2.75993	0.579706	1.45399	1.45399	0.476615	1.62298	1.62298	0.0153999	7.31246	7.31246	0.200347	2.47223	2.47223	0.349307	1.90539	1.90539	1.58834	11.263	6.30316	1
cg00769780	SBF1	0.262884	0.520719	0.807313	-1.23885	0.140009	0.453156	-2.20647	0.201321	0.530039	-1.88626	0.213114	1.18589	1.18589	0.474759	0.8435585	-1.18531	0.291344	0.579097	-1.72683	0.119443	0.452255	-2.21114	0.0554234	0.3911882	-2.55659	0.0731124	0.31016	3.22432	1.58832	6.26188	3.5044	1
cg18536496	GPRASP1;GPRASP1;GPRASP1	0.262891	0.323135	0.236003	-4.23723	0.598004	0.472699	-2.11551	0.794337	1.44602	1.44602	0.203802	0.64235	0.647235	0.739712	1.60112	1.60112	0.198537	0.146869	-6.80878	0.0215556	0.0203123	-49.2312	0.541909	0.418265	-2.39083	0.978077	0.96195	-1.03955	1.5883	50.1346	28.0577	1
cg05608220	PDE3A	0.262894	0.99152	0.980362	-1.02003	0.7816	0.937904	-1.06623	0.745372	1.07809	1.07809	0.520814	0.860552	-1.16204	0.280062	1.29539	1.29539	0.713723	0.957984	-1.04408	0.653	0.6483	-1.6443	0.990882	0.999966	-1.00003	0.0717156	1.59043	1.59043	1.58829	5.13909	2.87446	1
cg04791227	PAR5	0.262899	0.293172	0.552579	-1.80999	0.916804	0.951048	-1.05147	0.2952151	0.68373	0.68373	0.885403	0.933693	-1.07102	0.574086	1.31019	1.31019	0.317876	0.611907	-1.63424	0.0741725	2.57698	2.57698	0.112749	2.27349	2.27349	0.240136	1.5570339	-1.79521	1.58827	5.69336	3.18634	1
cg19368872	RCCD1;RCCD1;RCCD1;RCCD1	0.2629	0.176487	0.429253	-2.328	0.928461	1.0872	1.0872	0.0124878	1.86812	1.86812	0.487137	0.518228	-1.92965	0.496993	0.526195	-1.90044	0.744062	1.35666	1.35666	0.544393	0.564818	-1.77048	0.794727	0.784453	-1.27477	0.793116	0.782919	-1.27727	1.58827	21.8068	12.2044	1
cg23573567	TCERG1L	0.262901	0.0938589	0.648779	-2.2287	0.2236	0.222827	0.0395	0.0952	0.2226	0.2226	0.0195	0.2226	0.2226	0.0195	0.2226	0.2226	0.2226	0.2226	0.2226	0.0195	0.2226	0.2226	0.0195	0.2226	0.2226	0.0195	0.2226	0.2226	0.0195	0.2226	0.2226	0.0195	0.2226	0.0195	0.2226	0.0195

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1407 vs. N)	Fold-Change(1 vs.1407)	p-value(1057 vs. 1407)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error	
cg06404340	WDR60	0.263172	0.885487	1.04664	1.04664	0.848354	0.941239	-1.06243	0.513071	0.830718	-1.21347	0.960355	0.986589	-1.01359	0.103996	0.569885	-1.75474	0.0170303	0.108269	-2.51087	0.407442	1.30743	1.30743	0.407442	0.409828	1.15551	1.15551	0.946857	0.979134	-1.02101	1.58731	2.51571	1.40879	1
cg08444848	LRRN1	0.263175	0.465377	1.12072	1.12072	0.24424	1.20549	1.20549	0.294869	0.84649	-1.18135	0.587004	0.919305	-1.08778	0.548528	1.09761	1.09761	0.0994028	0.758	-1.31926	0.797984	0.961417	-1.04013	0.330813	1.16641	1.16641	0.0713533	1.362	1.362	1.5873	0.591621	0.331308	1
cg20988798	MOH2;STYXL1	0.263176	0.220643	0.823918	-1.21371	0.283213	1.18259	1.18259	0.180896	1.23823	1.23823	0.994232	0.998913	-1.00109	0.50859	1.10613	1.10613	0.881792	1.02263	1.02263	0.033246	0.687747	-1.45402	0.622801	1.07742	1.07742	0.608946	1.0807	1.0807	1.5873	0.568749	0.318501	1
cg15582684	CHID1;CHID1;CHID1;CHID1;CHID1	0.263181	0.306417	0.855686	-1.16865	0.314793	1.16532	1.16532	0.663499	0.937598	-1.06656	0.377503	0.875221	-1.14257	0.563286	1.08981	1.08981	0.1157247	0.777511	-1.28616	0.0276202	0.685187	-1.46717	0.638817	0.932786	-1.07206	0.73807	1.05064	1.05064	1.5728	0.544588	0.304974	1
cg14930335	AGAP1;AGAP1	0.263182	0.893408	0.894447	-1.11801	0.935645	0.930153	-1.0695	0.981125	0.980508	-1.01988	0.889001	0.76471	0.67641	0.0768604	0.723429	-1.38231	0.0727425	0.52847	1.28947	0.601383	1.5505	1.5505	0.0322489	0.85724	0.85724	0.465875	1.85423	1.85423	1.58727	0.17406	0.74673	1
cg11376706	LIF	0.263208	0.308286	0.447911	-2.23293	0.417179	0.683792	-1.46243	0.150882	0.493755	-2.0253	0.53283	0.7499	-1.33353	0.0196216	0.274583	-3.64188	0.307406	0.61609	-1.62314	0.135102	0.477862	-2.09265	0.285261	0.602104	-1.66133	0.262815	0.585557	-1.70777	1.58727	5.28303	2.95865	1
cg26079571	TSPAN9;TSPAN9	0.263186	0.988112	1.00312	1.00312	0.168609	0.735941	-1.3588	0.674369	1.09234	1.09234	0.209139	0.758284	-1.31877	0.202281	0.754743	-1.32496	0.454111	0.852676	-1.17278	0.0117383	0.547359	-1.82696	0.821017	1.0485	1.0485	0.951973	1.01267	1.01267	1.58726	1.09818	0.614996	1
cg26223229	PPIL1	0.263187	0.387705	0.880793	-1.13534	0.401055	1.40055	0.100564	1.28561	1.28561	0.360146	0.881521	-1.1444	0.229457	0.834777	-1.19793	0.853966	0.973852	-1.02656	0.666698	0.96404	1.06404	0.864742	1.02402	1.02472	0.589781	1.08107	1.08107	1.58726	0.515558	0.288721	1
cg24966782	SH3RF3	0.263189	0.27302	0.450167	0.2214	0.704853	0.766257	-1.39505	0.256051	0.29221	2.29211	0.99791	0.988569	-1.01083	0.102979	0.286846	-3.49819	0.683638	0.75078	-1.33195	0.0456356	0.201214	-4.96983	0.102791	0.316156	-3.163	0.327985	0.493411	-2.02671	1.58725	12.3047	6.89087	1
cg14289863	SMCS; DAUD3;MIR191;NDUFAF3;MIR425;ND	0.263194	0.0891802	0.442637	-2.25919	0.911509	0.952812	-1.04953	0.987372	1.0069	1.0069	0.452512	0.716935	-1.39483	0.059628	0.396829	-2.51998	0.790776	1.12256	1.12256	0.0417271	0.360361	-2.775	0.774229	0.882452	-1.13321	0.192679	0.549096	-1.82118	1.58723	4.75248	2.6615	1
cg15463769	UFAT3;NDUFAF3;NDUFAF3	0.263195	0.0537721	0.342405	-2.92051	0.263655	1.76875	1.76875	0.174635	0.02717	2.02717	0.977023	1.01419	0.218661	0.579761	-1.72485	0.926972	1.04589	1.04589	-1.05254	0.225452	0.443925	-2.52563	0.975583	1.01509	1.01509	0.628811	0.787893	-1.62621	1.58723	6.02116	3.372	1
cg25578013	CRY1	0.263199	0.386604	1.19431	1.19431	0.376691	1.14254	1.14254	0.319314	0.4708	2.12458	0.408807	1.8519	1.8519	0.664256	0.726398	-1.37666	0.862167	0.880561	-1.13564	0.204781	2.66278	2.66278	0.0491776	0.563837	1.65837	0.0906857	3.91299	3.91299	1.58722	13.408	7.54248	1
cg08072574	AP2A1;AP2A1	0.263201	0.970762	0.957377	-1.04452	0.764069	0.699262	-1.43008	0.166599	0.197388	-5.06616	0.362302	0.04283	3.04283	7	7	0.0191876	0.544242	2.07393	2.07393	0.945433	1.08475	1.08475	0.0191876	0.0344749	-29.0066	0.685513	0.616419	-1.62227	1.59063	31.6273	19.8835	1
cg16420199	LPL	0.263204	0.483455	0.882822	-1.13273	0.929424	0.984617	-1.01562	0.811258	0.958998	-1.04276	0.367596	0.85047	-1.17582	0.745652	0.944632	-1.05861	0.0227133	0.620483	-1.61165	0.0391685	0.658574	-1.51843	0.950507	1.01092	1.01092	0.245972	0.808686	-1.23657	1.5872	0.769864	0.431152	1
cg07316313	LIF	0.263208	0.369243	0.777486	-1.2862	0.322331	0.838857	-1.19208	0.388187	0.858995	-1.16416	0.368688	0.853271	-1.17196	0.66497	0.700366	-1.42782	0.307406	0.61609	-1.62314	0.135102	0.477862	-2.09265	0.285261	0.602104	-1.66133	0.262815	0.585557	-1.70777	1.58727	5.28303	2.95865	1
cg09957864	GPT	0.263212	0.226066	0.341012	-2.93245	0.16452	0.285037	-3.50832	0.933149	1.07359	1.07359	0.976669	0.975553	-1.02506	0.0863848	0.201233	-4.96936	0.430004	0.505719	-1.97738	0.0335497	0.122276	-8.17825	0.0949036	0.211553	-4.72695	0.449216	0.52067	-1.9206	1.58717	18.0051	10.0837	1
cg26477593	RCS1;RCE1;C1orf80	0.263224	0.810692	1.03705	1.03705	0.454284	1.12249	1.12249	0.582457	0.919268	-1.08782	0.672664	1.06654	1.06654	0.184091	1.23816	1.23816	0.440699	1.12659	1.12659	0.0225312	0.668283	-1.49637	0.946918	1.15816	1.15816	0.54676	0.911694	-1.09686	1.58713	0.577689	0.323542	1
ch.5.3497740R	C5orf45;C5orf45	0.263233	0.789822	1.27064	1.27064	0.12338	0.662294	1.66294	0.0	7	7	0.0	0.835657	1.53582	1.55582	0.545593	1.7338	1.7338	0.0308852	0.088627	-11.1574	0.658981	1.49	1.49	0.813176	1.23643	1.23643	0.889559	1.13258	1.13258	1.57268	18.4713	8.06952	1
cg22812697	BMF	0.263235	0.132618	0.746218	-1.34009	0.554481	1.11482	1.11482	0.077376	1.43269	1.43269	0.163716	0.76482	-1.3075	0.197271	0.78201	-1.27876	0.586128	0.905583	-1.10426	0.812396	1.04382	1.04382	0.425077	1.15829	1.15829	0.772357	1.05372	1.05372	1.58709	0.818011	0.458147	1
cg00094412	GABBR1;GABBR1;GABBR1	0.263235	0.407345	0.625259	-1.59933	0.379313	0.663199	-1.50791	0.140684	2.40258	2.40258	0.776518	1.17074	1.17074	0.113792	0.402275	-2.44933	0.336844	0.57782	-1.73064	0.060955	0.308933	-3.23697	0.190677	0.364549	-2.15448	0.883695	0.922119	-1.08446	1.58709	7.7121	4.31935	1
cg00179538	C6orf132	0.263254	0.249041	0.509402	-1.96309	0.222074	0.487506	-2.05126	0.0834359	0.342059	-2.92347	0.948243	0.964308	-1.03701	0.0806744	0.338048	-2.95816	0.0566514	0.298831	-3.34637	0.346131	0.580898	-1.72147	0.547757	0.711377	-1.40573	0.840087	0.342881	-2.91647	1.58702	7.8781	4.41251	1
cg16167517	CCNT2;CDNT2	0.263254	0.806233	1.03584	1.03584	0.214887	1.2674	1.2674	0.153549	1.24747	1.24747	0.277814	0.876691	-1.1055	0.154439	0.803776	-1.24413	0.180981	0.815949	-1.22573	0.0209559	0.206519	-4.84225	0.0979323	0.947406	-1.05541	0.330175	1.15488	1.15488	1.58702	0.555158	0.2891	1
cg07887538	C16orf88	0.263255	0.811903	0.931768	-1.07323	0.757526	0.912285	-1.09615	0.432407	0.788588	-1.26809	0.080241	0.562548	-1.77763	0.0226678	0.445384	-2.24525	0.162152	0.642461	-1.55651	0.177214	0.653665	-1.52984	0.804732	1.07619	1.07619	0.359514	0.756327	-1.32218	1.58702	2.20883	1.23716	1
cg05654364	CSNK1A1;CSNK1A1	0.263256	0.782417	0.899122	-1.1122	0.201097	1.67977	1.67977	0.023709	2.8333	2.833	0.532534	1.27487	1.27487	0.604804	1.09911	1.09911	0.65147	1.19087	1.19087	0.268393	1.5571	1.5571	0.21477	1.65146	1.65146	0.0648515	2.21774	2.21774	1.58702	3.70894	2.07738	1
cg18573877	MS2;NS2	0.263256	0.1703597	0.7295	1.37095	0.729571	1.14931	1.14931	0.37903	1.37903	1.37903	0.21309	1.65571	1.65571	0.0977655	1.31222	1.31222	0.0775641	1.55007	1.55007	0.159157	1.67676	1.67676	0.0449332	0.0944202	2.10642	2.10642	0.0400425	2.2662	2.2662	1.58702	2.75644	-1.32197	0.880329	0.941202	-1.06247	0.5702	0.400405	2.2662	1
cg04685186	FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGF R1;FGFR1	0.263258	0.288193	0.465756	-2.14705	0.0252227	0.32303	0.32303	0.51121	0.9368	1.58685	0.758585	0.718586	0.778208	-1.285	0.488217	0.613865	-1.62902	0.674829	0.746478	-1.33962	0.189224	0.381454	-2.62155	0.532939	1.54903	1.54903	0.650266	0.728842	-1.37204	1.58701	12.0697	6.76027	1
cg04671334	ZNF181;ZNF181	0.263261	0.303748	0.856255	-1.16788	0.265672	1.18411	1.18411	0.713199	0.947635	-1.05526	0.234788	1.19894	1.19894	0.0496167	0.721569	-1.38587	0.948779	1.0094	1.0094	0.153888	0.802774	-1.24568	0.782728	0.960526	-1.0411	0.237708	0.835101	-1.19746	1.587	0.533151	0.298822	1
cg26459500	NUDT16	0.263262	0.659545	0.862469	-1.15946	0.780786	1.09758	1.09758	0.422848	1.31418	1.31418	0.800775	0.919076	-1.08005	0.830439	0.930933	-1.07419	0.339927	0.720191	-1.38852	0.287178	0.691547	-1.44603	0.947809	0.97839	-1.02209	0.0152211	0.270422	0.70422	1.58699	2.79942	1.56798	1
cg05139571	NUP210L;NUP210L	0.263268	0.1941	0.7295	1.37095	0.729571	1.16537	1.16537	0.261916	1.34102	1.34102	0.167935	1.10651	1.10651	0.0955064	1.34196	1.34196	0.0806	0.74866	1.33602	0.0155	1.14896	1.14896	0.0144911	0.0859838	-1.16301	0.0227748	0.507111	-1.97196	1.58707	1.58707	0.873858	1	
cg02627747	CENPQ;MUT NFATC1;MFAT;NFATC1;NFATC1;NFAT	0.263271	0.841804	1.04234	1.04234	0.250505	0.757696	-1.31979	0.0905304	1.47251	1.47251	0.481855	0.862148	-1.15989	0.634371	0.905371	-1.10452	0.463772	1.16734	1.16734	0.0562112	0.638479	-1.56622	0.589788	1.11956	1.11956	0.477446	1.16169	1.58696	1.58696	1.08208	0.606095	1
cg16997486	C1	0.263275	0.531521	0.720218	-1.38847	0.477857	3.2284	3.2284	0.0382054	3.46934	3.46934	0.441988	0.666325	-1.50077	0.937403	1.04151	1.04151	0.620746	1.29471	1.29471	0.931169	1.04575	1.04575	0.756353	0.851145	-1.17489	0.579965	0.746314	-1.33992	1.58695	6.74002	3.77525	1
cg13754665	VAV2;VAV2	0.263276	0.679565	0.718441	-1.3919	0.0319004	0.0890516	-11.2295	0.0776889	0.209912	-4.7639	0.938117	0.940056	-1.06377	0.57634	0.638013	-1.56737	0.286704	0.414468	-2.41273	0.590612	0.648983	-1.54087	0.430301	0.526819	-1.89818	0.768397	1.26502	1.26502	1.58694	15.9299	8.92276	1
cg22132343	SNORD116-11	0.263277	0.185591	0.777954	1.28546	0.0798	0.224094	-4.4624	0.0439834	0.651263	1.65263	0.130263	0.53062	0.849854	0.0962353	0.447205	-2.23566	0.0180981	0.815949	1.22573	0.0209559	0.206519	-4.84225	0.0979323	0.947406	-1.05541	0.330175	1.15488	1.15488	1.58702	0.555158	0.2891	1
cg06132069	SLC12A5;SLC12A5	0.263284	0.105169	4.94071	4.94071	0.385958	2.22687	2.22687	0.433581	2.0565	2.0565	0.198316	3.40986	3.40986	0.394201	2.19776	2.19776	0.105372	4.93529	4.93529	0.246497	2.9847	2.9847	0.0246611	11.179	11.179	0.1507	4.01378	4.01378	1.58692	20.4619	11.4615	1
cg20447042	ABHGEF6	0.263293	0.540795	0.814403	-1.22813	0.0105564	0.0418	-2.2228	0.363697	1.51249	1.51249	0.82157	1.10369	1.10369	0.0134255	1.83649	-1.15821	0.619338	0.799646	-1.25055	0.0614781	1.55392	1.55392	0.0134255	1.8138	1.8138	0.0122717	2.04394	2.04394	1.5869	3.00943	2.00599	1
cg25782041	RPE;RPE;C2orf67	0.263291	0.565976	0.854329	-1.17051	0.108355	0.621706	-1.60848	0.161206	0.666294	-1.50084	0.489033	1.21011	1.21011	0.854727	1.05099	1.05099	0.945614	1.01868	1.01868	0.093694	1.64904	1.64904	0.255533	1.38305	1.38305	0.2990884	1.33915	1.33915	1.58689	1.85048	1.03654	1
cg06213598	ABCA9	0.263292	0.358769	0.720266	-1.38838	0.912978	0.962701	-1.03874	0.0412659	0.441026	-2.26744	0.72558	1.13037	1.13037	0.386105	0.734215	-1.362	0.407317	0.744748	-1.34274	0.066891	0.204273	0.204273	0.780221	0.907312	-1.10216	0.504761	0.790287	-1.26536	1.58689	0.038993	1.70224	1
cg01969748	GPSM2	0.263293	0.506282	0.803824	-1.24419	0.0105564	0.0418	-2.2228	0.363697	1.51249	1.51249	0.82157	1.10369	1.10369	0.0134255	1.83649	-1.15821	0.619338	0.799646	-1.25055	0.0614781	1.55392	1.55392	0.0134255	1.8138	1.8138	0.0122717	2.04394	2.04394	1.5869	3.00943	2.00599	1
cg07844168	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.263296	0.0606574	0.284047	-3.52055	0.34249	0.558781	-1.78961	0.632771	0.876504	-1.14106	0.416004	-2.40382	0.0482438	0.260995	-3.83149	0.140778	0.389542	-2.56712	0.393613	0.595116	-1.68204	0.154356	0.403618	-2.47759	0.114729	0.360325	-2.77527	1.58687	8.89997	4.98532	1
cg09924669	ITT40;TMEM204	0.263297	0.945234	0.883824	-1.13127	0.729571	1.14931	1.14931	0.37903	1.37903	1.37903	0.21309	1.65571	1.65571	0.0977655	1.31222	1.31222	0.0775641	1.55007	1.55007	0.159157	1.67676	1.67676	0.0449332	0.0944202	2.10642	2.10642	0.0400425	2.2662	2.2662	1.58702	2.75644	-1.32197	0.880329	0.941202	-1.06247	0.5702	0.400405	2.2662	1
cg07631801	C1QTNF5;MFRP	0.263305	0.25524	1.71353	1.71353	0.0413538	2.9062	2.9062	0.809894	0.896534	-1.11541	0.752559	0.154919	1.15419	0.0562642	0.375254	-2.66486	0.53412	1.33042	1.33042	0.917573	1.04806	1.04806	0.843356	1.09385	1.09385	0.763506	0.82713	-1.14662	1.58684	5.16655	2.8941	1
cg12711443	C1orf36	0.263305	0.690904	0.938311	-1.06572	0.163744	1.26704	1.26704	0.133187	1.29438	1.29438	0.260787	1.22441	1.22441	0.215081	1.231	1.231	0.441087	0.842398	-1.1872	0.405709	0.31479	0.31479	0.164225	1.1645	1.1645	0.0393002	1.46295	1.46295	1.58684	0.574444	0.357072	1
cg02768471	SCAMP3;SCAMP3	0.263307	0.592096	0.92953	-1.07566	0.252615	1.12269	1.12269	0.31265	1.12269	1.12269	0.132798	1.18187	1.18187	0.404408	1.05201	1.05201	0.840241	0.803307	-1.24488	0.863091	0.971607	-1.02922	0.0587628	1.41805	1.41805	0.56684	0.672798	0.376877	1		
cg21938523	RABBA	0.263311	0.0327363	0.450077	-2.22184	0.243171	1.47735	1.47735	0.193282	1.55256	1.55256	0.681808	1.1408	1.1408	0.525782	1.22806	1.22806	0.419642	1.30147	1.30147	0.278167	1.43382	1.43382	0.383115	1.33082	1.33082	0.998319	0.999327	-1.00067	1.58682	2.5662	1.43751	1
cg26302417	C1orf87	0.263312	0.280247	1.17537	1.17537	0.390034	1.19509	1.19509	0.474157	0.900955	-1.10993	0.74054	1.049	1.049	0.427288	1.12976	1.12976	0.639734	1.07887	1.07887	0.0180605	1.59618	1.59618	0.847749	0.972759	-1.02806	0.628885	1.0726	1.0726	1.58678	0.526381	0.29176	1
cg00379348	DUS3L;DUS3L	0.263323	0.237872	0.809293	-1.23565	0.364575	0.852617	-1.17286	0.530906	0.897062	-1.11475	0.135124	0.759079	-1.31739	0.366083	1.17224	1.17224	0.079535	1.39523	1.39523	0.603229	1.03989	1.03989	0.683523	1.07266	1.07266	0.203922	0.794958	-1.25793	1.58678	0.736032	0.412314	1
cg24447618	SLC17A6;SLC17A8	0.263325	0.365039	0.575607	-1.7373	0.240662	0.485848	-2.05826	0.873607	0.935521	-1.06851	0.8746	0.911367	-1.09725	0.0662806	0.239209	-4.18045	0.0914861	0.335522	2.98043	0.337736	0.559474	-1.78739	0.0584572	0.284682	-3.51269	0.898806	1.07761	1.07761	1.58677	0.678313	0.406348	1
cg15152149	SERPINB1	0.263326	0.0761019	2.13202	2.13202	0.463184	1.14536	1.14536	0.0997	1.31436	1.31436	0.0809955	1.10993	0.74054	1.049	1.049	0.427288	1.12976	1.12976	0.639734	1.07887	1.07887	0.0180605	1.59618	1.59618	0.847749	0.972759	-1.02806	0.628885	1.0726	1.0726	1.58678	0.526381	0.29176	1
cg02329576	SDK1	0.263327	0.414795	1.15747	1.15747	0.33756	1.1894	1.1894	0.50247	0.887438	-1.12684	0.087527	1.39181	1.39181	0.514894	1.12283	1.12283	0.108283	1.35984	1.35984	0.0936065	0.723612	-1.38196	0.752648	1.05703	1.05703	0.753383	0.946207	-1.05685	1.58677	0.773472	0.43329	1
cg12446447	PARK7;PARK7	0.263328	0.310914	0.844	-1.18483	0.0105564	0.0418	-2.2228	0.363697	1.51249	1.51249	0.82157	1.10369	1.10369	0.0134255	1.83649	-1.15821	0.619338	0.799646	-1.25055	0.0614781	1.55392	1.55392	0.0134255	1.8138	1.8138	0.0122717	2.04394	2.04394	1.5869	3.00943	2.00599	1
cg06641366	LRRC8C	0.263334	0.7026	0.807882	-1.2378	0.2201634	0.210481	-4.75102	0.135533	0.408748	-2.44649	0.204177	2.10685	2.10685	0.617874	0.756016	-1.32272	0.678074	0.792838	-1.26129	0.714897	0.815445	-1.22632	0.793313	0.864134	-1.15723	0.649955	1.28927	1.28927	1.58672	7.77188	4.35385	1
cg09583619	TBCD	0.263349	0.689742	1.1048	1.1048	0.354564	1.16573	1.16573	0.741982	0.921509	-1.08518	0.833862	1.05334	1.05334	0.1918	1.40793	1.40793	0.710223	1.09674	1.09674	0.0128875	1.14886	1.14886	0.0948725	0.779014	-1.28355	0.536571	1.53837	1.53837	1.58671	1.53837	0.86181	1
cg17503995	SPATA13;SPATA13	0.263348	0.0989163	0.407828	-2.45202	0.0447668	0.373386	-2.6782	0.0237282	0.262281	-3.81271	0.872185	1.08309	1.08309	0.643923	0.788895	1.2676	0.662317	0.804247	-1.2434	0.569764	0.75218	-1.32947	0.993771	0.996137	-1.00388	0.851797	1.09715	1.09715	1.58669	0.71594	0.345986	1
cg19690711	KIF26B	0.263348	0.162205	0.458555	-2.18076	0.0302998	0.264346	-3.78292	0.0362899	0.280336	-3.56754	0.512009	0.70648	-1.41547	0.454926	0.671899	-1.48832	0.383142	0.626722	-1.5956	0.697839	0.815597	-1.2261	0.673965	0.801656	-1.24742	0.762167	1.17185	1.17185	1.58669	0.85959	3.84284	1
cg01187496	WWC1;WWC1;WWC1	0.263351	0.189393	0.761598	-1.31313	0.165702	0.272761	-3.66737	0.0134167	0.162704	-6.14504	0.0133184	0.392878	-2.54642	0.133184	0.392878	-2.54642	0.0212329	0.157648	-6.34331	0.0150908	0.132593	-7.54277	0.0170887	0.0780605	-12.8086	0.0238855	0.158471	-6.31137

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg19239700	CDH6		0.7108829	0.8453331	-1.18297	1.10494297	0.263607	-2.75022	0.1326564	0.474404	-2.10735	0.325594	0.58088	1.58088	0.379338	0.665582	-1.50222	0.10866	0.535124	-1.86873	0.243197	0.57637	-1.75	0.2272258	0.597117	-1.67471	0.131122	0.479282	-2.08646	1.58569	5.11277	2.86606	1
cg07709059	SLFN5		0.263635	0.482399	0.8025141	-1.24604	0.7070871	1.863311	0.3651405	0.744160	-1.34378	0.0761102	1.83692	1.83692	0.24535	1.4541	1.4541	0.8384003	0.939023	-1.06494	0.253712	0.692637	-1.44376	0.958884	1.0168	1.0168	0.945152	1.02142	1.02142	1.58568	2.38402	1.33641	1
cg23894291	ZNF280D;ZNF280D;ZNF280D		0.2636636	0.6190572	1.05813	1.05813	0.25194	1.14443	1.14443	0.485077	0.923142	-1.08326	0.0770592	0.80123	-1.24808	0.0422468	0.768172	-1.30179	0.5140691	1.07744	1.07744	0.760636	0.9661143	-1.03504	0.5643831	1.06788	1.06788	0.92554	0.9895518	-1.01059	1.58568	0.3191616	0.1788888	1
cg17806798	NSUN4		0.2636643	0.9743105	1.01046	1.01046	0.464459	0.787606	-1.26858	0.204524	1.53627	1.53627	0.400638	1.31771	1.31771	0.86105	1.05779	1.05779	0.4772261	0.7931446	-1.26829	0.07891059	0.534893	-1.86953	0.0664538	1.93461	1.93461	0.536638	0.818195	-1.2222	1.58566	2.582604	1.44781	1
cg09449927	MAGI1;MAGI1;MAGI1		0.2636655	0.0348053	1.91284	1.91284	0.625511	0.878383	-1.13846	0.842711	1.05377	1.05377	0.906244	1.03155	1.03155	0.205572	1.422	1.422	0.0713093	1.70071	1.70071	0.223816	1.40063	1.40063	0.761178	0.922779	-1.08368	0.631061	0.8802238	-1.13606	1.58561	1.74541	0.978471	1
cg21107210	MORN1		0.2636655	0.601176	0.8386648	-1.19244	0.6426097	0.8556664	-1.16868	0.988277	1.04091	1.04091	0.959862	1.19547	1.19547	0.133661	1.582093	1.71555	0.8440456	0.936403	-1.06792	0.2256724	0.41303	-2.42113	0.0610264	0.4944	-2.02265	0.532922	0.8180033	-1.23456	1.58561	2.79548	1.56714	1
cg05786725	RPA2		0.2636656	0.871918	0.8880516	-1.12611	0.1065085	0.238241	-4.19743	?	?	?	?	?	?	?	?	?	0.784212	0.816762	-1.22435	?	?	0.230621	0.37665	-2.65498	0.1952205	2.92697	2.92697	1.98159	8.21036	3.31466	1
cg14787287	ABCA4		0.2636657	0.7063205	0.9290758	-1.07555	0.7441641	1.15481	1.05487	0.0263059	0.6025556	-1.6596	0.0873899	0.695721	-1.43736	0.709446	1.07461	1.07461	0.733414	0.936389	-1.06793	0.3709976	1.19317	1.19317	0.611048	0.9065011	-1.10363	0.4406567	1.1632	1.1632	1.58561	0.9281571	0.5203191	1
cg10758824	PBX1		0.2636657	0.0746469	0.3609852	2.77114	0.2594496	0.546744	-1.82901	0.581393	0.751391	-1.33087	0.933998	0.958006	-1.04384	0.0494628	0.316429	3.16027	0.242816	0.533995	-1.87268	0.0515621	0.320827	-3.16695	0.192582	0.492701	-2.02963	0.625737	0.7962446	-1.26192	1.58561	0.616604	0.370894	1
cg19425100	FDXACB1;C11orf1		0.26367	0.273525	0.535773	-1.86646	0.497698	0.685898	-1.45794	0.482869	0.67668	-1.4778	?	?	?	0.289855	0.547922	-1.82508	0.0700463	0.329813	-3.03202	0.0461485	0.286139	-3.4948	0.653277	1.28099	1.28099	0.501727	1.45266	1.45266	1.58895	6.70886	4.22221	1
cg07461274	TRPC7;TRPC7;TRPC7		0.26367	0.4595148	0.8882451	-1.12594	0.3798557	0.681661	-1.46731	0.2139436	0.5763112	-1.73537	0.536461	1.22963	1.22963	0.0987737	1.350251	1.350251	0.8943334	0.957066	-1.04486	0.6588088	0.4599977	2.1743	2.1743	0.4761894	1.25558	1.25558	0.7890909	1.27241	1.27241	1.31558	1.58556	2.773814	1.535513	1
cg02912158	ZIC3		0.2636673	0.2604041	0.3936335	-2.54042	0.860874	1.495	1.1495	0.673832	0.714468	-1.39964	0.185216	0.35226	0.35226	0.796874	0.814761	-1.22735	0.159443	0.302966	-3.3007	0.70112	0.736172	-1.35838	0.0350666	0.70302	0.730932	0.944765	1.05657	1.58555	15.8403	8.88035	1
cg18448370	BUNC.BLNK		0.2636676	0.3534191	0.5941741	-1.71977	0.0152246	0.109709	-3.85005	0.147531	0.9983483	-2.51166	0.914898	0.998616	-1.00514	0.05121	0.350253	-2.85508	0.1502103	-1.99162	0.673827	0.778116	-1.28515	0.42276	0.615539	-1.62459	0.58554	0.818311	0.9443	1.58555	8.81911	4.9443	1
cg00171942	CSMD2		0.2636679	0.301574	0.4889137	-2.04535	0.1995514	0.22528	-4.43891	0.1936578	0.4820354	-2.07454	0.942792	1.03881	1.03881	0.367313	0.615779	-1.63458	0.4183227	0.644799	-1.55087	0.3319	0.588199	-1.70011	0.8127764	1.13417	1.13417	0.414482	1.55577	1.55577	1.58553	7.06984	3.96353	1
cg23224128	C7orf20		0.2636683	0.2551103	0.3016	1.30163	0.9729224	1.00756	1.00756	0.349341	0.807545	-1.23832	0.363739	1.2301	1.2301	0.383914	0.820298	-1.21907	0.989664	1.00288	1.002884	0.9926484	1.8555	1.8555	0.361373	1.23041	1.23041	0.585051	1.23614	0.693016	1
cg06229455	DNAJB6		0.2636684	0.0483761	0.3600634	-2.76978	0.8521049	1.08594	1.08594	0.988476	1.0073	1.0073	0.542622	1.761564	-1.31309	0.0201073	0.3960923	-2.453	0.26372	0.59805	-1.67213	0.1678606	0.670522	-1.49138	0.791983	0.889751	-1.12391	0.501552	0.739736	1.35183	1.58551	4.90487	2.74983	1
cg15785580	BCKDK;BCKDK		0.2636685	0.373414	0.8488667	-1.17804	0.697977	1.07243	1.07243	0.64202	0.919475	-1.08758	0.1078883	0.7300382	-1.36975	0.249637	1.2408	1.2408	0.3942311	0.16939	-1.16939	0.754752	0.9453557	-1.0578	0.1828218	1.28852	1.28852	0.0794942	1.41772	1.41772	1.58551	0.80749	0.452705	1
cg13735759	GPSM1		0.2636685	0.712452	1.23932	1.23522	0.2097421	0.232275	-4.30529	0.1403809	0.64049	-1.56131	0.676366	0.786975	-1.27069	0.489252	0.669742	-1.49311	0.909985	1.00975	1.00975	0.9884297	0.2556233	-3.91194	0.6543285	1.29333	1.29333	0.884551	1.08645	1.08645	1.58551	8.17722	4.58442	1
cg09736037	SSR1		0.2636688	1.0494771	0.4897007	2.04126	0.340186	1.36738	1.36738	0.0901529	0.551842	-1.81211	0.342962	1.36479	1.36479	0.0178529	0.702717	-1.42305	0.7995337	0.922192	-1.08437	0.7739213	1.09359	1.09359	0.755007	1.10477	1.10477	0.324719	0.725352	-1.37864	1.5855	2.54438	1.42648	1
cg19723091	HDAC4		0.26369	0.22727	0.499803	-2.00079	0.0784366	0.343153	-2.91416	0.0741871	0.336682	-2.97036	0.920552	1.0561	1.0561	0.317581	0.568214	-1.7599	0.0779543	0.342429	-2.92031	0.0726102	0.334221	-2.99203	0.776635	0.855877	-1.16839	0.451509	0.657235	-1.52153	1.58549	7.5373	4.2145	1
cg20462661	STOML1		0.2636691	0.242244	0.453879	-2.20323	0.2379536	0.868948	-1.15082	0.9195981	1.76013	1.76013	0.408534	1.570499	1.570499	0.0178059	0.2449558	4.08258	0.896825	1.08734	1.08734	0.2210223	0.1666692	-5.99908	0.2793552	0.4838985	-2.06656	0.2553324	0.4646446	-2.15217	1.58549	10.4602	5.88442	1
cg19367047	KDM4B		0.2636694	0.6505889	1.08821	1.08821	0.25258	0.801285	-1.248	0.0772976	0.694835	-1.43939	0.0481169	0.645523	-1.54913	0.362649	1.20178	1.20178	0.637625	1.00194	1.00194	0.3002766	0.3307	3.0247	0.70112	0.736172	-1.35838	0.0350666	0.70302	0.730932	0.944765	1.05657	1.58555	15.8403	8.88035	1
cg20267932	INF2;INF2;INF2		0.2636694	0.1394636	0.2705	2.61976	0.2159792	0.242556	-4.12207	0.1277748	0.4798823	2.08356	0.0722992	0.231999	0.231999	0.0306666	0.240007	4.16667	0.0524234	0.547147	-1.82766	0.706986	0.903798	-1.10644	0.747199	0.9170304	-1.09047	0.941573	0.980571	1.01981	1.63913	1.82072	0.863941	1
cg01140085	LMO3;LMO3		0.2636709	?	?	?	0.102669	0.08719	0.08719	?	?	?	0.228416	0.4502202	-2.22122	0.743208	0.812583	-1.23064	0.839941	1.13617	1.13617	?	?	?	?	0.175858	0.24089	2.48089	2.60703	5.61331	5.61075	1
cg10937948	SOX6;SOX6;SOX6;SOX6		0.2636709	0.947775	1.02311	1.02311	0.8819063	0.515539	-1.95871	0.987662	0.9946521	-1.00541	0.2116227	0.6360888	-1.57211	0.2653683	0.49913	-2.00351	0.2838465	0.979944	-1.47505	0.143322	1.73082	1.73082	0.393283	1.35667	1.35667	0.372425	1.37633	1.53642	1.05519	1.71294	1.05519	1
cg23378165	USP43		0.2637318	0.59909	0.8344602	-1.19846	0.0121006	0.343865	-2.90811	0.96166	1.01654	1.01654	0.899217	1.04419	1.04419	0.150217	0.590761	-1.69273	0.387525	0.739141	-1.35292	0.756549	0.89931	-1.11196	0.4359003	0.7624409	-1.31163	0.547783	1.2307	1.2307	1.58539	2.92438	1.63962	1
cg16315376	SYT2		0.2637325	0.322222	0.6891939	-1.4512	0.2762	0.2035627	-4.91294	0.2700102	-1.29868	0.0538982	0.7705587	-1.44125	0.6980983	0.640749	-1.56081	0.1606383	0.627529	0.835168	-1.19736	0.4643078	0.6980098	-1.44409	0.8108602	1.0602956	-1.04642	0.8180667	0.9602628	-1.03882	1.58537	0.632379	0.3549564	1
cg02563010	SEC22A		0.2637325	0.8037776	0.8813557	-1.13461	0.691842	1.22409	1.22409	0.339702	0.5510842	-1.81211	0.342962	1.36479	1.36479	0.0178529	0.702717	-1.42305	0.4921133	1.42569	1.42569	0.1622507	0.560256	-1.75668	0.576031	0.750543	-1.33237	0.221669	0.518688	-1.92794	1.63904	0.5359	3.10149	1
cg26995506	ZEB2;ZEB2		0.2637327	0.1313447	0.18841	7.18841	0.752323	1.467121	1.467121	0.727334	1.52787	1.52787	0.143156	6.72162	6.72162	0.594353	0.521594	-1.9172	0.3088319	0.279328	-3.58002	0.723461	0.650379	-1.53757	0.330139	0.296156	-3.3766	0.0555655	13.8334	13.8334	1.58536	36.8164	20.6424	1
cg08464003	CSorf32		0.2637353	0.4194643	0.7812681	-1.27999	0.3927705	0.635618	-1.57328	0.2136503	0.5135681	-1.94801	0.7621167	1.17216	1.17216	0.3780412	0.6502881	-1.53792	0.4549564	0.7915751	-1.26305	0.3983227	1.15855	1.15855	0.5757805	0.9005584	-1.11039	0.4680917	1.294817	-1.25815	1.58533	1.49395	0.636782	1
cg15933840	HDAC4		0.2637356	0.792583	0.8182544	-1.22211	0.3708111	0.312316	-3.21216	0.3412596	0.9715906	5.95906	0.959306	0.95367	-1.04858	0.8703575	0.854927	-1.16969	0.598877	0.4978	1.4978	0.34102	0.473885	-2.12022	0.658287	1.40323	1.40323	0.835287	0.853449	-1.17172	1.58533	14.5451	8.15538	1
cg22544902	TACC1		0.2637357	0.585853	0.8146	-1.22795	0.4219756	0.7892	-1.26715	0.6845755	0.8555465	-1.16896	0.4229442	1.245393	-1.24544	0.0744714	0.8649202	-1.15623	0.7479828	0.5491795	-1.82104	0.2188808	0.6792827	1.47254	1.47254	0.6905772	1.49553	0.5853212	0.6995777	-1.75503	1.58427	0.6966475	0.3775	1
cg07953890	MACROD2		0.2637378	0.933141	0.9837331	-1.01654	0.499184	1.14351	1.14351	0.0143263	1.80453	1.80453	0.713332	0.9304407	-1.0748	0.940981	1.01458	1.01458	0.3922277	0.842542	-1.18688	0.764972	0.944049	-1.05927	0.591309	1.11718	1.11718	0.169787	1.33093	1.33093	1.58532	0.9594958	0.53799	1
cg03195651	BANP;BANP		0.2637413	0.2584941	0.740528	-1.35039	0.219332	1.38973	1.38973	0.322225	1.29763	1.29763	0.0367078	0.53882	-1.85591	0.294151	0.7306	-1.36874	0.742631	0.919473	-1.08758	0.753196	1.08368	1.08368	0.856949	1.04705	1.04705	0.351069	0.783072	-1.27702	1.5853	1.62987	0.913877	1
cg08179971	TBC1D16		0.2637415	0.6672511	1.02803	1.02803	0.5119756	0.7242556	1.38107	0.2107748	0.4798823	2.08356	0.0722992	0.231999	0.231999	0.0306666	0.240007	4.16667	0.0524234	0.547147	-1.82766	0.706986	0.903798	-1.10644	0.747199	0.9170304	-1.09047	0.941573	0.980571	1.01981	1.63913	1.82072	0.863941	1
cg26535568	SKIV2L		0.26375	0.7396224	0.93647	-1.06784	0.605276	0.902488	-1.10805	0.0887919	0.691141	-1.44688	0.911108	0.978262	-1.02222	0.156947	0.742372	-1.34703	0.497618	0.873273	-1.14512	0.0718729	1.48503	1.48503	0.421342	1.17545	1.17545	0.27513	1.799765	-1.25037	1.58528	0.972336	0.545202	1
cg18218112	FVRL3		0.2637454	0.78366	0.8911	-1.12219	0.1943855	0.29	3.4295	0.0688187	0.57265	1.57265	0.0178259	0.762626	-1.31137	0.0705441	0.479922	-2.08356	0.5209174	0.70544	-1.41756	0.1825627	0.4439	-2.25316	0.1478	0.2415437	0.460602	-2.17172	0.4184844	0.5182577	1.58537	0.7604986	1	
cg26548492	LOC153328		0.2637456	0.2003772	0.5809844	-1.72122	0.097083	0.77734	2.07734	0.642212	1.20665	1.20665	0.325593	0.6653007	-1.50306	0.282075	0.638408	-1.5664	0.6439111	0.820549	-1.20547	0.170666	0.556602	-1.79632	0.169448	1.79972	1.79972	0.63841	1.848221	1.17894	1.58526	2.04675	2.2691	1
cg00424654	AMMECR1;AMMECR1;AMMECR1		0.2637459	0.539766	0.4525582	-2.20954	0.4213235	2.854995	2.854995	0.48894	2.45412	2.45412	0.0886576	11.0066	11.0066	0.0068368	0.95062	-1.05195	0.0795271	0.0832875	-12.0066	0.107282	0.10593	-9.44019	0.6669954	0.575284	-1.73827	0.798486	0.7212285	-1.38642	1.58525	40.9474	22.9602	1
cg12398338	FVRL3		0.2637457	0.1745021	0.2656	3.76562	0.3440513	0.647845	-1.55451	0.3223193	0.7700102	-1.29868	0.0538982	0.762626	-1.31137	0.0705441	0.479922	-2.08356	0.2266613	1.2096	1.2096	0.3037404	0.6980098	-1.44409	0.8108602	1.0602956	-1.04642	0.8180667	0.9602628	-1.03882	1.58537	0.632379	0.3549564	1
cg19977634	DDR1;DDR1		0.2637468	0.981337	0.9928144	-1.00724	0.20592	1.50887	1.50887	0.38871	1.31292	1.31292	0.939896	1.02352	1.02352	0.4049392	1.30087	1.30087	0.179164	0.64077	-1.55261	0.545966	0.828286	-1.20731	0.759327	1.09937	1.09937	0.0244611	2.285111	1.285111	1.58522	2.38633	1.3381	1
cg02186127	AP2B1;AP2B1		0.2637479	0.3308824	0.6004	-1.66556	0.1819	0.1819	-5.49555	0.0711895	0.1444	1.1444	0.0156683	0.485488	-2.06001	0.2116227	0.5583588	1.79107	0.4612854	0.4952	-2.01901	0.0514382	0.49848	-2.46011	0.7897055	1.04863	1.04863	0.8077357	1.03707	1.03707	1.58523	1.05602	0.5924873	1
cg03494031	SIPA1;SIPA1		0.2637485	0.153222	0.452241	-2.21122	0.8611774	1.09507	1.09507	0.544677	1.37451	1.37451	0.465846	0.680413	-1.46969	0.0496331	0.312853	-3.19639	0.148727	0.447729	-2.2335	0.107159	0.4015138	-2.49043	0.132263	0.430488	-2.32295	0.5067893	0.70507	-1.4183	1.58516	6.75833	3.78979	1
cg23008973	UNC5D		0.2637486	0.66826	0.8425301	-1.18693	0.2731	0.2506327	-3.97234	0.1348779	0.3481457	2.87211	0.2441	0.7035	-1.42125	0.0698003	0.5016868	-1.99336	0.2796171	0.6043116	-1.65442	0.1310858	0.5212361	-1.91934	0.6482838	0.8090996	-1.23604	0.6932	0.7244939	1.38183	1.58515	0.9733499	0.5129	1
cg20240853	ANP32E;ANP32E;ANP32E		0.2637487	0.2502876	-4.93107	0.656542	0.740596	1.38452	0.7359985	0.2802158	0.7446964	-1.34256	0.1766569	0.39263	-2.54693	0.0572199	0.2455522	-4.07283	0.3494409	0.533992	-1.87328	0.2139429	0.2.54E+07	0.2.54E+07	0.2.54E+07	0.2.54E+07	0.2.54E+07	0.2.54E+07	0.2.54E+07	1.58515	10.654	5.37432	1
cg04640400	PXDN		0.2637487	0.509255	0.848766	-1.17818	0.0476081	0.74167	1.74167	0.323364	1.28379	1.28379	0.32421	0.779307	-1.28319	0.307126	0.771878	-1.29554	0.5011199	0.846033	-1.18199	0.115307	1.52092	1.52092	0.919045	1.02521	1.02521	0.908356	0.9721192	-1.0286	1.58515	1.50585	0.844421	1
cg08464003	CSorf32		0.2637535	0.7812681	1.27999	-1.27999	0.3927705	0.635618	-1.57328	0.2136503	0.5135681	-1.94801	0.7621167	1.17216	1.17216	0.3780412	0.6502881	-1.53792	0.4549564	0.7915751	-1.26305	0.3983227	1.15855	1.15855	0.5757805	0.9005584	-1.11039	0.4680917	1.294817	-1.25815	1.58533	1.49395	0.636782	1
cg15933840	HDAC4		0.2637536	0.792583	0.8182544	-1.22211	0.3708111	0.312316	-3.21216	0.3412596	0.9715906	5.95906	0.959306	0.95367	-1.04858	0.8703575	0.854927	-1.16969	0.598877	0.4978	1.4978	0.34102	0.473885	-2.12022	0.658287	1.40323	1.40323	0.835287	0.853449	-1.17172	1.58533	14.5451	8.15538	1
cg22544902	TACC1		0.2637557	0.585853	0.8146	-1.22795	0.4219756	0.7892	-1.26715	0.6845755	0.8555465	-1.16896	0.4229442	1.245393	-1.24544	0.0744714	0.8649202	-1.15623	0.7479828	0.5491795	-1.82104	0.2188808	0.6792827	1.47254	1.47254	0.6905772	1.49553	0.5853212	0.6995777	-1.75503	1.58427	0.6966475	0.3775	1
cg07953890	MACROD2		0.2637538	0.933141	0.9837331	-1.01654	0.4991184	1.14351	1.14351	0.0143263	1.80453	1.80453	0.713332	0.9304407	-1.0748	0.940981	1.01458	1.01458	0.3922277	0.842542	-1.18688	0.764972	0.944049	-1.05927	0.591309	1.11718	1.11718	0.169787	1.33093	1.33093	1.58532	0.9594958	0.53799	1
cg03195651	BANP;BANP		0.2637543	0.2584941	0.740528	-1.35039	0.219332	1.38973	1.38973	0.322225	1.29763	1.29763	0.0367078	0.53882	-1.85591	0.294151	0.7306	-1.36874	0.742631	0.919473	-1.08758	0.753196	1.08368	1.08368	0.856949	1.04705	1.04705	0.351069	0.783072	-1.27702	1.5853	1.62987	0.913877	1
cg08179971	TBC1D16		0.2637543	0.6672511	1.02803	1.02803	0.5119756	0.7242556	1.38107	0.2107748	0.4798823	2.08356	0.0722992	0.231999	0.231999	0.0306666	0.240007	4.16667	0.0524234	0.547147	-1.82766	0.706986	0.903798	-1.10644	0.747199	0.9170304	-1.09047	0.941573	0.980571	1.01981	1.63913	1.82072	0.863941	1
cg26535568	SKIV2L		0.2637545	0.7396224	0.93647	-1.06784	0.605276	0.902488	-1.10805	0.0887919	0.691141	-1.44688	0.911108	0.978262	-1.02222	0.156947	0.742372	-1.34703	0.497618	0.873273	-1.14512	0.0718729	1.48503	1.48503	0.421342	1.17545	1.17545	0.27513	1.799765	-1.25037	1.58528	0.972336	0.545202	1
cg18218112	FVRL3		0.2637546	0.78366	0.8911	-1.12219	0.1943855	0.29	3.4295	0.0688187	0.57265	1.57265	0.0178259	0.762626	-1.31137	0.0705441	0.479922	-2.08356	0.5209174	0.70544	-1.41756	0.1825627	0.4439	-2.25316	0.1478	0.2415437	0.460602	-2.17172	0.4184844	0.5182577	1.58537	0.7604986	1
cg26548492	LOC153328		0.2637556	0.2003772	0.5809844	-1.72122	0.097083	0.77734	2.07734	0.642212	1.20665	1.20665	0.325593	0.6653007	-1.50306	0.282075	0.638408	-1.5664	0.6439111	0.820549	-1.20547	0.170666	0.556602	-1.79632	0.169448	1.79972	1.79972	0.63841	1.848221	1.17894	1.58526	2.04675	2.2691	1
cg00424654	AMMECR1;AMMECR1;AMMECR1		0.2637559	0.539766	0.4525582	-2.20954	0.4213235	2.854995	2.854995	0.48894	2.45412	2.45412	0.0886576	11.0066	11.0066	0.0068368	0.95062	-1.05195	0.0795271	0.0832875	-12.0066	0.107282	0.10593	-9.44019	0.6669954	0.575284	-1.73827	0.798486	0.7212285	-1.38642	1.58525	40.9474	22.9602	1
cg12398338	FVRL3		0.2637557	0.1745021	0.2656	3.76562	0.3440513	0.647845	-1.55451	0.3223193	0.7700102	-1.29868	0.0538982	0.762626	-1.31137	0.0705441	0.479922	-2.08356	0.2266613	1.2096	1.2096	0.3037404	0.6980098	-1.44409	0.8108602	1.0602956	-1.04642	0.8180667	0.9602628	-1.03882	1.58537	0.632379	0.3549564	1
cg19977634	DDR1;DDR1		0.2637568	0.981337	0.9928144	-1.00724	0.20592	1.50887	1.50887	0.38871	1.31292	1.31292	0.939896	1.02352	1.02352	0.4049392	1.30087	1.30087	0.179164	0.64077	-1.55261	0.545966	0.828286	-1.20731	0.759327	1.09937	1.09937	0.0244611	2.285111	1.285111	1.58522	2.38633	1.3381	1
cg02186127	AP2B1;AP2B1		0.2637579	0.3308824	0.6004	-1.66556	0.1819	0.1819	-5.49555	0.0711895	0.1444	1.1444	0.0156683	0.485488	-2.06001	0.2116227	0.5583588	1.79107	0.4612854	0.4952	-2.01901	0.0514382	0.49848	-2.46011	0.7897055	1.04863	1.04863	0.8077357	1.03707	1.03707	1.58523	1.05602	0.5924873	1
cg03494031	SIPA1;SIPA1		0.2637585	0.153222	0.452241	-2.21122	0.8611774	1.09507	1.09507	0.544677	1.37451	1.37451	0.465846	0.680413	-1.46969	0.0496331	0.312853	-3.19639	0.148727	0.447729	-2.2335	0.107159	0.4015138	-2.49043	0.132263	0.430488	-2.32295	0.5067893	0.70507	-1.4183	1.58516	6.75833	3.78979	1
cg23008973	UNC5D		0.2637586	0.66826	0.8425301	-1.18693	0.2731	0.2506327	-3.97234	0.1348779	0.3481457	2.87211	0.2441	0.7035	-1.42125	0.0698003	0.5016868	-1.99336	0.2796171	0.6043116	-1.65442	0.1310858	0.5212361	-1.91934	0.6482838	0.8090996	-1.23604	0.6932	0.7244939	1.38183	1.58515	0.9733499	0.5129	1
cg20240853	ANP32E;ANP32E;ANP32E		0.2637587	0.2502876	-4.93107	0.656542	0.740596	1.38452	0.7359985	0.2802158	0.7446964	-1.34256	0.1766569	0.39263	-2.54693	0.0572199	0.2455522	-4.07283	0.3494409	0.533992	-1.87328	0.2139429	0.2.54E+07	0.2.54E+07	0.2.54E+07	0.2.54E+07	0.2.54E+07	0.2.54E+07	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17211424	DPH5;DPH5;DPH5;DPH5;DPH5;DPH5	0.264152	0.167313	1.30985	0.30885	1.160582	0.1351	1.3151	0.13351	1.36886	0.122811	1.35594	1.35094	0.542031	1.11941	1.11941	0.499573	0.882279	-1.13343	0.168419	0.764776	1.30757	0.859672	0.968179	-1.03287	0.922792	0.982441	1.01787	1.58387	0.837745	0.470153	1
cg18406472	GPRASP2;GPRASP2	0.264153	0.0234979	0.0392362	-25.4867	0.632665	0.561778	-1.78006	0.780227	1.3976	0.157774	0.09554	0.059154	0.845158	1.92384	1.92384	0.203137	0.20034	-4.99152	0.65113	1.7126	1.7126	0.954247	0.933639	-1.07108	0.965326	1.0534	1.0534	1.58387	35.9271	20.1628	1
cg21698392	PAPOLG;PAPOLG	0.264158	0.7654459	0.955277	-1.04682	0.2725529	1.19177	1.19177	0.427997	1.13236	1.13236	0.570942	1.09195	1.09195	0.0384938	1.44526	1.44526	0.459227	0.890687	-1.12273	0.432923	0.884324	-1.13081	0.165944	0.796963	-1.25476	0.456257	0.889579	-1.12362	1.58385	0.591924	0.3322	1
cg22284492	TRIM40	0.264165	0.446845	0.675192	-1.48907	0.456432	1.47626	1.47626	0.567204	0.743049	-1.34581	0.0327569	0.277234	-3.60654	0.335173	0.602073	-1.66591	0.492873	0.699328	-1.42994	0.172745	0.474672	-2.10672	0.0570774	0.331035	-3.02083	0.34019	0.603641	-1.65661	1.58385	6.6149	3.71243	1
cg23627134	ARHGAP15	0.264166	0.116002	0.611154	-1.63625	0.419881	1.26841	1.26841	0.533336	0.833722	-1.19944	0.22423	0.692111	-1.44486	0.377372	0.77039	-1.29804	0.97972	0.9927	-1.00735	0.140793	1.57877	0.573396	0.848748	-1.17821	0.0728854	0.561758	-1.78013	1.58382	2.08411	1.16967	1
cg19081759	YWHAQ;YWHAQ	0.264168	0.194554	0.820039	-1.21945	0.499775	1.10411	1.10411	0.905128	0.982909	-1.01739	0.187453	0.817111	-1.22382	0.778966	0.960136	-1.04152	0.478984	0.901176	-1.10966	0.0298212	1.44718	1.44718	0.402687	0.88354	-1.13181	0.920133	0.985605	-1.01461	1.58382	0.524328	0.29427	1
cg26670249	PRKACA;PRKACA	0.264168	0.586884	1.25317	1.25317	0.072006	2.28434	2.28434	0.0991167	2.10367	2.10367	0.334787	1.50556	1.50556	0.35707	0.677317	-1.47641	0.499746	0.754424	-1.32551	0.394181	0.698376	-1.43189	0.492999	1.33161	1.33161	0.158914	1.85773	1.85773	1.58381	4.24429	2.38204	1
cg21012057	TMEM51;TMEM51;TMEM51;TMEM51	0.264171	0.27733	1.32235	1.32235	0.421561	1.22513	0.915762	0.974173	-1.02651	0.0273432	1.90725	1.90725	0.476477	1.19607	1.19607	0.730625	0.918077	-1.08923	0.0392481	1.80388	1.80388	0.483063	1.19278	1.19278	0.927513	1.02276	1.02276	1.58381	1.53419	0.86104	1
cg23171636	KIAA1370	0.264172	0.999164	1.00045	1.00045	0.915283	1.04696	1.04696	0.0847752	0.439498	-2.27533	0.567235	1.28327	1.28327	0.0651406	0.4094	-2.4426	0.796751	1.11775	1.11775	0.0457445	0.372403	-2.68526	0.946308	1.02947	1.02947	0.538364	0.764384	-1.30824	1.5838	4.66587	2.61866	1
cg25898092	TMEM233	0.264175	0.097378	0.209146	-4.78284	0.172326	0.802454	0.802454	0.206	0.533678	0.33789	0.441	-2.26758	0.183707	0.4002545	0.188413	0.1536638	0.2839124	-3.45473	0.0222	0.0001	-7.5416	0.1327	0.267737	-3.73501	0.203846	0.136439	-2.9723	0.58379	16.5002	9.28869	1
cg16602598	2CCHC8	0.264176	0.498335	0.891816	-1.12131	0.159072	1.2849	1.2849	0.992403	0.998415	-1.00159	0.718737	0.941539	-1.06209	0.701967	0.937966	-1.06614	0.045813	0.682957	-1.46422	0.58891	1.09514	1.09514	0.895826	1.02206	1.02206	0.0902816	1.36469	1.36469	1.58379	0.693501	0.390569	1
cg01180168	CTDSP2;MIR26A2	0.26418	0.742821	0.817257	-1.22361	0.110026	2.90839	2.90839	0.280967	1.96657	1.96657	0.31571	0.529511	1.88854	0.299108	0.537217	-1.93343	0.661541	1.08526	1.08526	0.864271	0.968722	-1.03229	0.135867	1.34785	1.34785	0.311847	1.2145	1.2145	1.58376	0.865324	0.485664	1
cg12075720	UNC13A	0.264183	0.509501	1.13233	1.13233	0.92652	1.01657	1.01657	0.0865868	1.4653	1.4653	0.114643	1.37532	1.37532	0.14525	0.747883	-1.33714	0.372896	1.41181	1.41181	0.448208	1.2638	1.2638	0.722165	1.11421	1.11421	0.945804	1.02081	1.02081	1.58376	2.3014	1.29166	1
cg27100511	MTA1	0.264183	0.517411	0.819714	-1.21994	0.0320673	1.21968	0.0515164	0.595955	1.95695	0.814885	0.931424	-1.07363	0.684072	0.883599	-1.13174	0.273896	1.41181	1.41181	0.448208	1.2638	1.2638	0.722165	1.11421	1.11421	0.945804	1.02081	1.02081	1.58376	2.3014	1.29166	1
cg04383012	PSMD1;PSMD1	0.264192	0.602901	0.903858	1.10628	0.507957	1.50975	0.188159	0.0755	1.29842	1.29842	0.616812	0.989043	-1.09069	0.576711	1.11338	1.11338	0.505044	1.13503	1.13503	0.217168	0.799013	-1.26203	0.0963558	1.40762	1.40762	0.41574	1.16855	1.16855	1.58373	0.879605	0.493689	1
cg04406784	PKD1;PKD1	0.264192	0.894441	0.950216	-1.05239	0.0502038	2.36027	2.36027	0.132979	1.8655	1.8655	0.834619	1.08374	1.08374	0.0850784	0.480762	-2.08003	0.806974	1.09874	1.09874	0.293213	1.52109	1.52109	0.818796	0.915514	-1.09228	0.990983	1.00436	1.00436	1.58373	3.71138	2.08306	1
cg16143105	HOMER1	0.264197	0.776119	1.09136	1.09136	0.718281	1.11749	1.11749	0.0873212	1.7839	1.7839	0.158314	0.629746	-1.58794	0.431835	0.781932	-1.27888	0.092724	0.921086	-1.17634	0.420406	1.28062	1.28062	0.389806	0.713991	-1.40058	0.508968	0.814294	-1.22806	1.58371	2.53624	1.1236	1
cg10113582	GAK	0.264202	0.4770537	0.7195	-1.39001	0.211911	0.41829	0.41829	0.0639253	2.56019	-2.56019	0.506245	0.475353	2.1037	-2.09512	0.10679	-9.36716	0.854726	1.22398	1.22398	0.11292	0.44917	-2.67062	0.339706	2.9593	2.9593	0.770364	0.724146	-1.38094	1.5837	30.5001	17.1188	1
cg13361558	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;P LEKHB1;P	0.264203	0.748618	0.840104	-1.19033	0.0686994	0.331501	-3.01659	0.667114	0.790982	-1.26425	0.812168	1.13769	1.13769	0.226197	0.502267	-1.99097	0.0468347	0.291371	-3.43205	0.365899	0.604473	-1.65433	0.321065	0.57376	-1.74289	0.249134	1.92079	1.92079	1.58369	7.3652	4.1339	1
cg01908954	SCG3;SCG3;SCG3;SCG3	0.264204	0.913778	0.969877	-1.03106	0.949325	0.982211	-1.01811	0.113522	1.62629	0.425802	0.794805	-1.25817	0.159941	1.52809	1.52809	0.0599793	0.548249	-1.82399	0.246804	1.40776	1.40776	0.344727	1.09684	1.09684	0.708965	0.899531	-1.11569	1.53869	2.0003	1.12273	1
cg16686174	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.264209	0.117511	0.748388	-1.33611	0.465476	1.79689	1.79689	0.0167967	1.37399	0.55838	0.121755	0.802677	1.24579	0.0202373	0.108859	-9.18999	0.740105	0.760506	-1.31508	0.184874	0.688357	-1.45273	0.0178568	0.37657	-2.65617	0.0178568	1.36977	1.36977	1.58364	0.84238	0.615444	1
cg24488861	SPAG9;SPAG9;SPAG9;SPAG9	0.264209	0.0949944	0.817049	-1.22392	0.489351	1.08041	1.08041	0.337902	1.11494	1.11494	0.0975292	0.818543	-1.22168	0.787779	0.970722	-1.03016	0.851936	0.979633	-1.02079	0.640618	0.949538	-1.05314	0.237661	1.14595	1.14595	0.177546	1.17095	1.17095	1.58367	0.3042	0.170746	1
cg03722068	PARN;PARN	0.26421	0.0162285	0.620814	-1.61079	0.933032	0.986455	-1.01272	0.575565	1.09606	0.629399	0.924181	-1.08204	0.617267	1.08513	1.08513	0.17443	0.791162	-1.26396	0.983604	1.00334	1.00334	0.756323	0.950778	-1.05177	0.339012	1.17328	1.17328	1.58367	0.659491	0.370162	1
cg27538898	LUIB	0.264214	0.260516	0.802158	-1.24633	0.183518	0.703292	0.703292	0.0759757	1.50375	0.188159	0.0755	0.842117	0.553514	1.20955	1.20955	-1.2984	0.589342	1.12982	1.12982	0.538628	0.77737	0.955045	1.02548	1.02548	1.07436	0.873843	1.1361	1.1361	0.464149	1.87127	1.87127	0.698292	0.726645	1.38765	1.38765	1.58366	17.7405	9.95756	1
cg25590181	HLA-H	0.264215	0.0950901	3.7243	3.7243	0.323587	2.07697	2.07697	0.212131	2.5657	2.5657	0.23919	2.41979	2.41979	0.0802714	0.41922	-4.01922	0.892166	0.907339	-1.10212	0.405334	1.84111	1.84111	0.0636628	4.47704	4.47704	0.0870782	3.87495	3.87495	1.58365	12.8911	7.23564	1
cg19634774	KIAA0564	0.264216	0.0428237	0.659432	-1.51673	0.325596	1.23586	1.23586	0.203574	0.757785	-1.31964	0.494589	1.12132	1.12132	0.2889	0.891548	-1.12178	0.470301	0.356748	1.2528	1.2528	0.492884	1.02959	1.02959	1.02959	-1.04563	0.332613	1.27096	1.27096	1.58365	1.4634	0.823395	1
cg26662512	MAD11;MAD11;MAD11;MAD1L1	0.264219	0.425639	0.891136	-1.12216	0.0399156	0.714285	1.4	0.723788	0.155156	1.05156	0.612200	0.930136	-1.07511	0.970346	0.994747	-1.00528	0.190493	1.21703	1.21703	0.921145	0.98607	-1.01413	0.867092	0.976549	-1.02401	0.0932412	1.299	1.299	1.58364	5.503431	0.282573	1
cg21594450	RNF169	0.264226	0.701725	0.952307	-1.05008	0.263525	1.15953	1.15953	0.726406	1.04562	1.04562	0.0669651	1.29793	1.29793	0.278929	0.86679	-1.15368	0.369289	1.12422	1.12422	0.152748	0.823263	-1.21468	0.260736	1.16062	1.16062	0.307258	1.14364	1.14364	1.58361	0.4044466	0.227029	1
cg15777135	FBMD4A	0.264228	0.0933159	1.29146	1.29146	0.0349529	1.49149	1.49149	0.372664	1.45004	1.45004	0.372664	1.45004	1.45004	0.372664	1.45004	1.45004	0.656827	1.19008	1.19008	0.324425	1.58079	1.58079	0.0334305	2.74295	2.74295	0.271164	1.5922	1.5922	1.58361	4.14435	2.32064	1
cg14522800	ZMYND15;ZMYND15	0.264229	0.994338	0.99723	-1.00278	0.167637	1.77691	1.77691	0.0354291	2.60464	2.60464	0.913206	1.04354	1.04354	0.796214	1.10645	1.10645	0.631977	1.20758	1.20758	1.20758	1.40048	0.406609	1.39353	1.39353	1.5836	1.83192	2.15088	1
cg14445829	INIP;SE	0.264231	0.951847	1.01753	1.01753	0.843453	1.12036	1.12036	0.0615246	1.10234	1.10234	0.0618323	1.12036	1.12036	0.0615246	1.16465	1.16465	0.0714749	1.61773	1.61773	1.5111	1.34598	0.482315	1.42185	1.42185	1.0675	0.967411	0.996316	-1.00486	0.288069	0.79791	1.25357	0.615502	0.159198	1
cg01010618	IGSF1;IGSF1;IGSF1;IGSF1;IGSF1	0.264233	0.0272675	0.21303	-4.69417	0.183129	0.433417	-2.30725	0.167694	0.418786	-2.38785	0.696555	1.26108	1.26108	0.408854	0.606537	-1.64871	0.0876779	0.327661	-3.05194	0.319205	0.543728	-1.83915	0.870866	1.10108	1.10108	0.694682	0.791766	-1.263	1.58359	0.78676	4.93212	1
cg01015175	BCO2;BCO2	0.264235	0.912551	0.945028	-1.05817	0.868335	0.918154	-1.08914	0.106749	0.403989	-2.47532	0.465757	1.46527	1.46527	0.0460578	0.308334	-3.24323	0.627553	0.775531	-1.28612	0.273969	0.556612	-1.79658	0.926087	1.04891	1.04891	0.155732	2.18523	2.18523	1.58358	6.64351	3.7291	1
cg26281322	SH3D20	0.264238	0.857936	1.04683	1.04683	0.341484	0.644929	-1.55056	0.16801	0.518155	1.93059	0.0437766	1.14964	1.14964	0.29048	0.872457	-1.14609	0.250707	1.19287	1.19287	1.19287	1.25996	0.426286	1.42904	1.42904	1.54357	0.560123	1.31072	1.31072	1.58357	2.81931	1.31312	1
cg09275968	CACNB3	0.264243	0.252137	0.858598	-1.16469	0.237682	2.17074	2.17074	0.947437	0.991633	-1.00844	0.702153	0.952213	-1.05019	0.974852	1.00403	1.00403	0.765577	1.03884	1.03884	0.0314686	0.72504	-1.37923	0.562785	1.07742	1.07742	0.163818	2.20574	1.20574	1.58355	0.407327	0.228643	1
cg27412093	CAPN9;CAPN9	0.264245	0.0911181	0.615698	-1.62447	0.0221736	1.82343	1.82343	0.0609254	1.662044	-1.03945	0.652288	0.962004	-1.03945	0.652288	0.962004	-1.03945	0.832506	0.742027	1.07027	0.785304	0.956153	-1.05912	0.444722	1.07027	1.07027	0.785304	0.956153	-1.05912	0.444722	1.58354	0.58152	0.144368	0.815771	1.35755	1.58354	1.58354	1.4634	0.823395	1
cg06447693	FPM1	0.264246	0.256896	0.605996	-1.65018	0.358085	0.668948	-1.49489	0.76717	1.13392	1.13392	0.221005	1.7239	1.7239	0.157617	0.484881	-2.06266	0.84785	0.921912	-1.0847	0.738158	0.684043	-1.4619	0.0345478	0.352282	-2.83863	0.466863	0.730958	1.36807	1.58354	4.49366	2.52242	1
cg00590039	TRAF3IP2;TRAF3IP2;TRAF3IP2;TRAF3IP 2	0.264256	0.272047	0.625646	-1.59835	0.0486923	0.39711	-2.5182	0.12531	0.506352	-1.97491	0.394466	1.43013	1.43013	0.173636	0.552223	-1.81086	0.50468	0.757534	-1.32007	0.189103	0.565155	-1.76943	0.203898	0.576936	-1.73329	0.753201	1.13813	1.13813	1.58351	4.21965	2.36867	1
cg20201128	ORS1E2	0.264258	0.231487	0.504869	-1.98071	0.384665	0.615456	-1.62481	0.270635	0.535472	-1.86751	0.0471106	3.44625	3.44625	0.449505	0.657266	-1.52145	0.561338	0.726267	-1.3769	0.373857	1.10158	1.10158	0.695858	-1.43708	0.32029	1.74936	1.74936	1.5835	7.43752	4.175	1
cg18008372	LAMA1	0.264266	0.258044	0.810722	-1.23384	0.0477644	0.641407	0.641407	0.0814258	1.44842	-1.44842	0.0975588	0.740468	-1.35044	0.0597198	1.21687	0.821844	0.578121	1.72964	1.72964	1.72964	1.00906	0.991094	1.00906	1.00906	1.00906	0.0656157	0.497288	-2.01081	0.5835	2.73489	1.51522	1
cg25931580	PDHX;PDHX;PDHX;PDHX;APIP;PDHX	0.264262	0.276198	1.48368	1.48368	0.0970219	0.53024	-1.88594	0.101978	1.8654	1.8654	0.0916931	1.90944	1.90944	0.515385	1.25828	1.25828	0.458708	1.30057	1.30057	0.538606	1.24217	1.24217	0.476901	1.28649	1.28649	0.567716	0.815161	-1.22675	1.58349	3.04266	1.708	1
cg26508783	ONAC	0.26427	?	?	?	?	0.0938997	-2.53871	0.69614	0.726853	-1.60058	0.0891486	0.0180429	-55.4934	0.512335	0.645713	-1.54765	0.766001	0.607597	-1.64625	0.0431364	1.20004	1.20004	0.0871597	1.22377	1.22377	0.605132	1.529086	-1.89005	1.58482	32.5399	20.5564	1
cg27146090	HIF3A;HIF3A	0.264275	0.605079	0.836318	-1.19572	0.0724238	0.503133	0.58755	0.703915	0.743795	-1.34525	0.0741	0.745475	0.133077	0.710256	-0.49744	2.01045	0.346257	0.711729	1.40525	0.0498273	0.473789	-2.11064	0.0879901	0.524573	-1.90631	0.0102128	0.541709	1.84601	1.58344	2.94449	1.65254	1
cg17159473	GRM8	0.264277	0.681209	1.09656	1.09656	0.029619	1.77084	1.77084	0.833422	1.04842	1.04842	0.734758	0.926921	-1.07884	0.110663	1.47388	1.47388	0.604985	0.890083	-1.12349	0.407257	1.20826	1.20826	0.30545	0.742229	-1.34729	0.580142	1.1328	1.1328	1.58343	1.24886	0.701071	1
cg20936043	AGRP	0.264278	0.849731	1.04709	1.04709	0.818858	1.03891	-1.03891	0.0218319	0.504305	-1.98234	0.0475108	0.896086	-1.11603	0.381333	1.26455	-1.12918	0.852955	1.18906	1.18906	0.144194	1.28095	1.28095	0.146156	1.28095	1.28095	0.146156	1.28095	-1.29193	0.538227	0.902711	0.957663	0.197576	1.58343	0.576161	0.379576	1
cg11264711	OPHN1	0.26428	0.0499134	0.394792	-2.92575	0.78591	0.850238	-1.17602	0.818613	1.15102	1.15102	0.077921	3.21097	3.21097	0.251321	2.17418	2.17418	0.111939	0.356729	-2.80324	0.786297	1.17566	1.17566	0.948118	1.12095	1.12095	0.864038	1.10745	1.10745	1.58342	0.894304	0.499229	1
cg14729962	DNAJC15;DNAJC15	0.264284	0.786159	0.791211	-1.26393	0.47208	0.534638	-1.87345	0.128413	0.244374	-4.1106	0.309296	0.404089	-2.47437	0.382947	0.462774	-2.16288	0.395596	2.1154	2.1154	0.385056	0.464439	-2.15314	0.0418741	0.280084	-3.57035	0.0720957	0.633398	1.54398	1.58341	18.1998	10.4649	1
cg06830702	TTLL6	0.264286	0.172375	2.00613	-1.66539	0.821478	1.11949	1.11949	0.853803	0.912057	-1.09642	0.990793	1.00578	1.00578	0.198815	1.507595	-1.97007	0.0362363	0.296401	-3.37381	0.415556	0.659965	-1.51523	0.809614	1.1281	1.1281	0.146097	1.45968	1.45968	-2.1754	1.58341	6.25394	3.51081	1
cg01147995	PLCG1;PLCG1	0.264285	0.206398	0.612221	-1.6334	0.158485	0.574252	-1.74139	0.999278	1.00033	1.00033	0.0786798	0.487245	-2.05236	0.1978	1.65064	1.65064	0.163058	1.37701	1.37701	0.799709	1.09812	1.09812	0.622671	0.833101	-1.20033	0.716141	0.8742	-1.1439	1.58341	3.39914	1.9082	1
cg20591993	GYS1;RUVBL2;GYS1;GYS1	0.264287	0.527623	0.811403	-1.23218	0.0444304	1.31407	1.31407	0.13025	1.34495	1.34495	0.139693	1.31559	1.31559	0.142279	1.55011	1.55011	0.845454	0.966313	-1.03486	0.107395	0.734506	-1.36146	0.42373	1.08076	-1.22653	0.388013	0.853987	-1.17088	1.5834	2.73215	1.63464	1
cg20411654	CLP8	0.264291	0.152699	0.785069	-1.27377	0.377609	0.866729	-1.15376	0.461999	1.12558	1.12558	0.568744	0.913017	-1.09527	0.516074	0.901198	-1.10963	0.573804	1.09394	1.09394	0.109361	0.75896	-1.31759	0.0618874	1.304	1.304	0.893999	0.979158	-1.02129	1.58338	0.625934	0.35139	1
cg18467406	DYRK2	0.264292	0.0422166	0.602166	-1.66067	0.5088	1.15888	1.15888	0.213351	0.748393	-1.33441	0.668217	0.905506	-1.0995	0.0902611	0.663188	-1.50787	0.967842	0.99117	-1.00891	0.944182	0.946496	1.07048	-1.41147	0.115981	0.71346	-1.40162	1.58338	1.21367	0.683137	1
cg02759903	BRE;BRE;BRE;BRE;BRE	0.264293	0.153495	1.39683	-2.52014	0.0353039	2.27053	4.40425	0.150242	0.393479	-2.54143	0.308305	0.528477	-1.89223	0.167117	0.410402	-2.43664	0.0755818	1.32308	1.32308	0.237782	0.472927	-2.11499	0.417176	0.414868	-2.4104	0.448156	0.626552	-1.59604	1.58338	9.173	5.14961	1
cg14719722	GIMAP8;GIMAP8	0.264295	0.127665	0.246388	-4.05864	0.101973	4.58299	4.58299	0.921256	0.919347	-1.08773	0.674999	0.698622	-1.43139	0.0517159	0.512126	-6.57348	0.596426	0.634754	-1.57541	0.21649	0.330854	-3.02248	0.460659	0.527927	-1.8942	0.985021	0.984161	-1.01609	1.58337	18.1383	10.1827	1
cg26221506	C6orf122;C6orf122	0.264301	0.214535	0.620609	-1.61144	0.629272	1.37359	1.37359	0.724782	0.789949	-1.13772	0.463148	0.902509	-1.10855	0.0902611	0.663188	-1.50787	0.967842	0.99117	-1.00891	0.944182	0.946496	1.07048	-1.41147	0.115981	0.71346	-1.40162	1.58338	1.21367	0.683137	1
cg16591502	LMO7	0.264302	0.149566	0.762755	-1.31104	0.103675	1.36603	1.36603	0.0882572	0.719153	-1.39052	0.103542	0.731945	-1.36622	0.673842	0.92849	-1.07702	0.498632	0.886568	-1.12794	0.93456	1.0145	1.0145	0.410888	0.86296	-1.1588	0.970552	0.993551	-1.00649	1.58335	0.770375	0.432488	1
cg20294994	SLC2A1	0.264305	0.0263305	0.5	-2.00001	0.43435	1.50364	0.633983	1.56744	0.622825	-1.38455	0.0197753	0.504433	0.0602227	0.853872	0.584	-1.71201	0.799933	0.994356	1.27293	0.151757	0.799933	0.994356	1.27293	0.151757	1.27293	0.151757	1.27293	-1.27293	0.151757	1.58335	0.784675	0.452857	1
cg12658982	PBX15;PBR15	0.264305	0.153393	0.78836	0.78836	0.259648	0.78181	0.78181	0.0834792	17.4423	17.4423	0.28629	5.21953	5.21953	0.17301	8.70382	8.70382	0.421078	0.40928	0.40928	0.60829	2.16277	2.16277	0.0196715	67.0107	67.0107	0.475266	2.95468	2.95468	1.58333	35.8292	31.3484	1
cg16133681	FLTD1	0.264316	0.592927	0.747932	-1.33702	0.862967	0.911209	-1.09744	0.142576	2.3357	2.3357	0.755056	1.18346	1.18346	0.154796	0.459684	-2.17541	0.19123	0.474833	-2.106	0.0903033	0.366174	-2.73094	0.0646667	0.374452	-2.67057	0.828956	0.890074	-1.1235	1.5833	7.26439	4.07835	1
cg13005859	METTNL	0.264319	0.0098864	0.618446	-1.61716	0.0164164	2.56653	2.56653	0.0187378	1.28343	1.28343	0.0216011	1.37918	1.37918	0.118011	0.725538	-1.37813	0.744789	1.05013	1.05013	0.773281	0.957576	-1.0443	0.218041	0.932248	-1.07268	0.316151	0.856238	1.1679	1.58329	0.562406	0.315745	1
cg26224744	CYYIR2;CYYIR2	0.264319	0.434755	1.27605	1.27605	0.0651776	1.88374	1.88374	0.845888	1.06133	1.06133	0.97359	0.989925	-1.01018	0.810314	1.07632	1.07632	0.23676	1.46107	1.46107	0.0276611	2.21742	2.21742	0.780228	1.08932	1.08932	0.348591	1.744408	-1.34335	1.58329	2.34605	1.31712	1
cg06102153	MGRN1;MGRN1;MGRN1;MGRN1;MGR N1;MGRN1	0.264322	0.380254	1.16564	1.16564	0.718653	0.940251	-1.06355	0.543301	0.900537	-1.11045	0.165002	1.28689	1.28689	0.201571	0.635276	-1.57412	0.716063	0.936989	-1.06418	0.979343	0.995601	-1.00442	0.280994	1.20611	1.20611	0.758922	1.05382

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T 63T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg23591869	C11orf91;C11orf92	0.264519	0.442407	0.780146	-1.26359	0.8613997	1.88471	1.88471	1.38181	1.38181	0.8914448	0.959769	-1.04192	0.272294	0.709188	-1.41036	0.586708	0.647835	-1.17947	0.587124	0.847094	-1.17925	0.938388	0.773036	-1.29696	0.0865241	1.7672	1.7672	1.58259	2.26679	1.27318	1
cg17989572	RABSC;RAB5C	0.264519	0.625223	1.07752	1.205704	1.205704	1.22443	1.22443	0.585665	1.08708	1.08708	0.585008	1.08723	1.08723	0.047206	1.41116	1.41116	0.806775	1.03787	1.03787	0.441942	0.881021	-1.13504	0.0933596	0.755837	-1.32304	0.370968	1.14951	1.14951	1.58259	0.576589	0.323852	1
cg16053095	HNRPLL;HNRPL1	0.26452	0.688672	1.07239	1.072339	0.638888	1.08548	1.08548	0.308028	1.20093	1.20093	0.934767	0.985895	-1.01431	0.55585	1.10892	1.10892	0.542643	0.898649	-1.11278	0.0983637	0.730101	-1.36967	0.666197	0.927454	-1.07822	0.0293704	1.56095	1.56095	1.58259	0.754791	0.423943	1
cg15592690	IMPA2	0.26452	0.0338897	0.515914	-1.92540	0.340102	0.77094	-1.29705	0.175598	1.46377	1.46377	0.600872	1.14696	1.14696	0.754984	0.920145	1.08634	0.718372	0.690795	-1.44761	0.629044	0.879173	-1.13743	0.239096	0.721681	-1.38563	0.458418	0.818947	-1.22108	1.58258	1.75417	0.985266	1
cg05080940	CLEC16A	0.264522	0.229903	0.460855	-2.16988	0.113994	2.90482	2.90482	0.107151	2.94914	2.94914	0.742656	0.816591	-1.2246	0.985275	0.505746	-1.97728	0.382668	0.576632	-1.73421	0.201232	0.436036	-2.29339	0.682972	1.28727	1.28727	0.543454	0.685092	-1.45966	1.58258	0.947875	0.532395	1
cg15272684	KIAA0195;NCDN;NCDN_NCDN	0.264523	0.516631	0.788166	-1.26877	0.041834	2.33776	2.33776	0.0950128	1.94281	1.94281	0.892936	0.952401	-1.04996	0.612763	1.20294	1.20294	0.888552	1.05354	1.05354	0.132783	0.546933	-1.82838	0.838063	1.07680	1.07680	0.073515	1.012029	1.012029	1.58257	1.28469	1.84492	1
cg06057404	ZNF843	0.264523	0.900936	0.96634	-1.03483	0.641191	1.13774	1.13774	0.661878	0.886043	-1.12861	0.107507	1.62086	1.62086	0.117299	1.59638	1.59638	0.50108	1.20653	1.20653	0.117367	0.62648	-1.59622	0.361582	1.29415	1.29415	0.125415	1.57775	1.57775	1.58257	1.80473	1.06422	1
cg14987283	ATP9A	0.264524	0.892784	1.04403	1.04403	0.0107296	0.358992	-1.78589	0.0233279	0.93217	-1.07277	0.731928	0.89594	-1.11615	0.494206	0.801043	-1.24837	0.539471	0.819944	-1.21959	0.814045	0.927471	-1.0782	0.445191	0.779817	-1.28235	0.0915695	0.552541	-1.80982	1.58257	2.5594	1.43755	1
cg17352462	INPP5A	0.264525	0.637281	0.705262	-1.41791	0.0416007	5.62515	5.62515	0.146614	1.34406	1.34406	0.74699	0.787903	-1.26919	0.198375	0.360228	2.77602	0.702553	1.32591	1.32591	0.379728	0.515556	-1.93965	0.301493	0.13694	2.12694	0.744871	1.27134	1.27134	1.58257	13.5488	7.61003	1
cg02513449	FGF19	0.264529	0.648287	0.772481	-1.29453	0.284228	0.535089	-1.86885	0.0397522	0.262784	-3.80541	0.515813	0.690479	-1.44827	0.0705397	0.321079	3.1145	0.816327	0.877407	-1.13972	0.457353	0.653482	-1.53026	0.370184	0.596138	-1.67746	0.201406	2.1348	2.1348	1.58255	7.91946	4.44821	1
cg30609636	TMEM123;TMEM123	0.264534	0.1240078	0.7472146	-1.33826	0.0312265	1.84518	1.84518	0.0745704	0.944906	-1.05831	0.0373979	0.3802222	-2.63089	0.1387187	0.737501	-1.3556	0.33651	0.698545	-1.43155	0.189332	1.07626	1.07626	0.575199	1.22751	0.683206	0.861962	-1.16014	1.58254	3.285007	1.84518	1
cg03530754	TMEM132C	0.264534	0.115374	1.46392	1.463924	0.318371	1.25812	1.25812	0.249349	0.76486	-1.30743	0.184348	1.36822	1.36822	0.020622	0.741196	-1.34917	0.587915	1.12954	1.12954	0.495066	0.857056	-1.16678	0.217184	1.3352	1.3352	0.460503	0.84595	-1.18184	1.58254	1.24249	0.697888	1
cg21470959	TUBA3E	0.264534	0.0198675	0.317556	-3.14936	-8.79458	0.663114	0.712502	-1.40346	0.157327	0.328459	-3.04432	0.650569	1.44851	1.418991	0.973442	0.974591	-1.02607	0.625188	1.46333	1.446315	0.935979	0.934125	-1.07052	0.799204	0.821099	-1.21788	0.0972552	0.044804	-4.48849	1.58253	14.9874	8.41823	1
cg24375364	AMZ1	0.264541	0.762692	1.10892	1.10892	0.142258	1.71357	1.71357	0.102105	1.84197	1.84197	0.570459	0.675886	-1.47954	0.563208	1.22083	1.22083	0.826432	1.07786	1.07786	0.0636914	0.03748	0.723832	1.12876	1.12876	0.277578	0.679993	-1.4706	1.58251	2.92129	1.64087	1
cg20173120	TMEM89	0.264543	0.81372	0.79948	-1.02095	0.166858	0.878756	-1.13821	0.144472	0.871369	-1.14762	0.980421	1.00216	1.00216	0.0127173	0.880342	-1.13592	0.804555	0.978457	-1.02202	0.429007	0.17049	1.07345	0.0614008	0.831077	-1.20326	0.0776298	0.841748	-1.188	1.5825	0.193372	0.108616	1
cg04726510	ANKRD36B;L	0.264544	0.56754	1.76883	1.768831	0.554401	1.70339	1.70339	0.624964	1.61574	1.61574	0.508289	1.69355	1.69355	0.239644	1.62514	1.62514	0.172717	4.18811	4.18811	0.0198074	14.0886	16.0686	16.0686	0.0694035	7.4244	7.4244	0.182727	4.03724	4.03724	1.5825	24.4154	13.7341	1
cg16581017	MYL10	0.264551	0.729327	0.785517	-1.27305	0.0126526	0.115896	-8.62844	0.07958	0.258644	-3.86632	0.711601	0.772532	-1.29444	0.588217	0.683923	-1.46215	0.560566	0.664313	-1.50531	0.57344	0.679439	-1.48492	0.479796	0.606993	-1.64747	0.64665	1.37821	1.37821	1.58247	12.1056	6.79981	1
cg12335476	DKFZP686I15217;DKFZP686I15217	0.264556	0.773104	0.958919	-1.04278	0.185103	0.814051	-1.22842	0.133848	1.26429	1.26429	0.810903	0.93538	1.07538	0.337004	0.862255	-1.15939	0.209903	0.825585	-1.21126	0.21496	1.20844	1.20844	0.119282	0.782545	-1.27788	0.447317	0.893743	-1.11889	1.58246	0.537269	0.296174	1
cg00432105	HERPUD2	0.264557	0.502429	0.911482	-1.09711	0.377877	0.856253	-1.16788	0.340434	0.844923	-1.18354	0.114853	1.34191	1.34191	0.0662977	1.17258	1.17258	0.739952	1.0588	1.0588	0.0892955	0.664298	-1.50535	0.511115	1.12111	1.12111	0.987343	0.997283	-1.00272	1.58245	0.737328	0.441469	1
cg23815515	NRXN1;NRXN1	0.264561	0.141748	0.308842	-3.2379	0.678067	1.36403	1.36403	0.580218	1.51505	1.51505	0.930609	0.937283	-1.06691	0.136838	0.303665	3.2931	0.517017	1.62998	1.62998	0.0538648	0.196359	-5.09272	0.141988	0.309093	-3.23528	0.31666	0.463073	-2.15949	1.58244	13.8614	7.7862	1
cg04832839	RAP2B	0.264562	0.39157	0.710059	-1.40773	0.0312265	1.68579	-2.7039	0.583932	1.23983	1.23983	0.709006	1.10939	1.10939	0.756015	0.880014	-1.13626	0.209098	0.482305	-2.07313	0.0626189	0.436749	-2.28965	0.377782	1.06637	1.06637	0.476674	1.13051	1.13051	1.58245	3.82048	1.81648	1
cg01442319	SCN4A	0.264566	0.13236	0.432534	-2.31196	0.499539	0.702068	-1.42436	0.0991606	0.393416	-2.54184	0.830619	0.895342	-1.11689	0.046204	0.30766	-3.25034	0.231005	0.522871	-1.91252	0.0932887	0.585086	-2.59278	0.13814	0.438715	-2.27939	0.211942	0.507337	-1.97108	1.58242	6.67484	3.74943	1
cg14336203	PVALB	0.264567	0.1492465	0.33549	-2.98033	0.164183	1.3704	1.3704	0.0454349	1.31189	1.31189	0.804104	0.858104	-1.16524	0.0883477	0.400394	2.5001	0.96532	1.00817	1.00817	0.963029	0.913394	-1.09539	0.934125	1.17983	1.17983	0.184528	1.17986	1.17986	1.58242	0.208373	0.493125	1
cg18702685	COL25A1;COL25A1	0.264568	0.0159037	43.832	43.832	0.976362	0.962779	-1.03866	0.988314	1.01893	1.01893	0.803668	0.726951	-1.37561	0.328445	0.274899	3.6377	0.691975	1.66495	1.66495	0.941985	0.910884	-1.09783	0.14848	7.27307	7.27307	0.392982	1.06577	1.06577	1.58242	41.0771	23.0742	1
cg13847322	RORA	0.264569	0.0227394	0.372939	-2.6814	0.679194	0.848582	-1.17844	0.230199	0.668132	-1.64389	0.750531	0.81421	-1.15635	0.0350135	0.426007	-2.34738	0.346099	0.68716	-1.46679	0.254269	0.625007	-1.59998	0.494069	0.7602	-1.31544	0.141837	0.536023	-1.86559	1.58241	3.90646	2.19437	1
cg19681610	NOS1AP;NOS1AP	0.264574	0.0515067	0.335349	-2.98153	0.0416007	1.38418	1.38418	0.0455006	1.33318	1.33318	0.814796	0.836564	-1.19552	0.0706156	0.459036	2.1778	0.193887	0.243693	-4.10434	0.0114284	0.0479504	-4.1736	0.0255106	0.0243599	-4.075	0.0861109	0.0243599	-4.11718	0.0432929	0.0779866	0.0432929	-4.11718	1.5824	29.4709	15.9326	1
cg18804696	DHX38;TXNL4B;TXNL4B;DHX38;TXNL4B	0.264583	0.625836	1.08388	1.08388	0.941571	1.01209	1.01209	0.294332	1.19517	1.19517	0.974531	1.00525	1.00525	0.307474	1.18907	1.18907	0.7014	1.06519	1.06519	0.0165367	0.61881	-1.616	0.647602	0.927335	-1.07836	0.458843	1.13226	1.13226	1.58236	0.673397	0.378279	1
cg13180678	CENPV	0.264584	0.686068	1.92056	1.92056	0.504755	1.85805	1.85805	0.605281	0.432868	-2.31017	0.952112	0.908051	-1.10126	0.35847	0.219468	-4.55647	0.78087	1.565	1.565	0.860645	1.32606	0.376507	0.657047	48.0685	48.0685	0.280151	6.60811	6.60811	1.58236	64.6424	36.3128	1
cg20735988	PBLD;PBLD	0.264585	0.05001	0.478421	-2.09021	0.532573	1.23186	1.23186	0.587328	0.834632	-1.19833	0.562458	0.824335	-1.2131	0.116369	0.569572	-1.7557	0.729598	0.891841	-1.12128	0.0382998	0.452971	-2.20765	0.310956	0.70764	-1.41315	0.426057	0.764818	-1.3075	1.58236	2.72718	1.53199	1
cg05770240	TBRG1;TBRG1	0.264587	0.417545	0.7383	-1.35429	0.464026	0.797317	-1.2421	0.217794	0.895615	-1.11655	0.422662	0.895615	-1.11655	0.422662	0.895615	-1.11655	0.422662

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. 537 vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21100443	PTGR1;PTGR1	0.264984	0.225203	0.659461	-1.44204	0.584444	0.850017	-1.17645	0.03787149	0.492298	-2.03129	0.946708	0.978351	-1.02213	0.642158	1.14855	1.14855	0.07000111	1.81496	1.81496	0.873174	1.04813	1.04813	0.764462	0.915383	-1.09244	0.779425	1.08612	1.08612	1.58097	2.16764	1.21874	1
cg09944697	BRF1;BRF1	0.264994	0.630816	0.82043	-1.21887	0.2014325	0.323137	-3.09647	0.0857911	0.146018	-2.17303	0.694779	1.17491	1.17491	0.46044	1.3561	1.3561	0.7084477	0.857676	-1.16594	0.673297	0.843215	-1.18594	0.537919	1.29038	1.29038	0.514379	0.76317	-1.31032	1.58093	4.18348	2.35219	1
cg20049109	ZNF92;ZNF92	0.264995	0.0520349	2.29346	2.29346	2.2156	1.63143	1.63143	0.732893	1.13729	1.13729	0.186516	1.69197	1.69197	0.172738	1.72449	1.72449	0.626672	1.202112	1.202112	0.0593136	2.22447	2.22447	0.0714196	2.12995	2.12995	0.512425	1.28338	1.28338	1.58093	3.53122	1.98546	1
cg20760152	DAB1	0.264998	0.898077	0.931516	-1.07352	0.134515	2.443	2.443	0.1320308	1.54159	2.54159	0.978628	1.585281	-1.01494	0.814238	1.687839	-1.13916	0.695881	1.24291	1.24291	0.21549	0.485943	-2.05785	0.185413	0.459619	-2.17572	0.125392	0.399255	-2.50466	1.58092	7.6724	4.3139	1
cg14237740	SLC24A5;SLC24A5	0.265001	0.959305	0.089793	-1.01031	0.591109	0.904269	-1.10587	0.977826	0.994856	-1.00517	0.614782	0.977513	-1.04415	0.542144	0.891896	-1.12121	0.88045	1.02832	1.02832	0.0184863	0.588521	-1.69917	0.334325	1.20292	1.20292	0.158196	1.32303	1.32303	1.5809	0.862013	0.484681	1
ch.16.123582103SF	OSFD01	0.265001	0.74106	1.25439	1.25439	0.179324	0.140021	-7.14177	0.277352	0.462025	2.16438	7	7	0.866953	0.893724	0.922433	-1.12142	0.568733	1.48244	1.48244	0.191755	0.38887	-2.57155	0.865939	1.12241	1.12241	0.701205	0.768636	-1.30147	1.58417	10.4178	6.57618	1
cg14654795	XDH	0.265005	0.403604	1.18795	1.18795	0.0832799	1.47163	1.47163	0.851123	0.962846	-1.03859	0.560852	0.88825	-1.12581	0.239525	1.28171	1.28171	0.0751823	1.49072	1.49072	0.132746	1.38663	1.38663	0.443352	0.854285	-1.17057	0.612274	0.902132	-1.10848	1.58089	1.01673	0.571676	1
cg16991858	ADSS	0.265006	0.0504995	2.015446	-3.94564	0.0930915	1.10163	1.10163	0.464323	0.945309	-1.69128	0.415558	1.66941	1.66941	0.419896	0.609396	-1.66114	0.998613	1.00093	1.00093	-1.00107	0.8802466	0.9192923	-1.09538	0.0544493	3.83363	3.83363	0.57902	0.706746	-1.41494	1.58089	9.49539	5.33899	1
cg17258460	KCNJ6	0.265007	0.948101	0.053837	1.0484	0.6916166	0.120593	-8.29235	0.187674	0.562862	-2.75587	0.239897	0.644255	2.44356	0.890182	0.904563	1.10551	0.844888	1.8674	1.8674	0.11528	0.264631	0.42993	-2.32596	0.730667	0.778109	-1.28517	0.835982	0.859548	1.58094	1.6634	1.0888	1
cg06961093	MED11	0.265014	0.0999443	0.780801	-1.28074	0.405482	0.889745	-1.12392	0.2467	0.846821	-1.18089	0.116714	1.26357	1.26357	0.463451	1.10786	1.10786	0.500089	1.09851	1.09851	0.621048	0.933887	-1.07079	0.463723	0.902698	-1.10779	0.19562	1.20666	1.20666	1.58086	0.471697	0.265227	1
cg13588800	TWST1	0.265016	0.13839	0.763562	1.31004	0.99164	1.00377	-1.77205	0.0768907	0.0551	1.42398	0.232043	0.984535	1.01625	0.243792	1.018756	1.22887	0.467725	0.882611	1.133	0.889622	1.123734	1.02374	0.977051	1.19895	1.19895	0.588739	1.09664	1.09664	1.58085	0.715033	0.402052	1
cg10134204	FUCA2	0.265021	0.15566	0.517993	-1.93053	0.435444	0.70856	-1.41131	0.121048	0.482925	-2.07072	0.441751	1.40441	1.40441	0.0642694	0.4065	-2.46003	0.56	0.774777	-1.29069	0.139016	0.501844	-1.99266	0.972199	1.0152	1.0152	0.104165	0.463383	-2.15804	1.58083	4.69352	2.63912	1
cg27467996	CNOT6;CNOT6	0.265021	0.454645	0.574716	-1.60149	0.872797	1.01859	1.01859	0.0408785	1.33167	1.33167	0.381656	0.901998	-1.10865	0.22024	0.86229	-1.1597	0.608024	0.942266	1.06107	0.166987	0.845308	-1.183	0.93891	0.897232	-1.11454	0.495955	1.0832	1.0832	1.58083	0.330836	0.186026	1
cg02573385	SCGS;SCGS	0.265023	0.145297	0.643341	-1.55439	0.263234	0.719672	-1.38952	0.0764655	0.571165	-1.75081	0.309212	0.743183	-1.34556	0.499548	1.3126	1.3126	0.321678	1.33477	1.33477	0.134077	0.731657	1.10954	1.10954	0.107074	0.60887	-1.64239	0.916662	1.02096	1.02096	1.58083	1.99163	1.11988	1
cg07912789	PRMT8	0.265024	0.529994	1.16183	1.16183	0.607941	1.12975	1.12975	0.407426	0.818898	-1.22115	0.522753	1.165	1.165	0.54909	1.15339	1.15339	0.227086	1.34849	1.34849	0.0247181	0.532355	-1.87845	0.410891	1.21927	1.21927	0.464182	1.19202	1.19202	1.58083	1.39172	0.782554	1
cg13077150	PRKCZ;PRKCZ	0.265024	0.938208	0.070958	1.02138	0.198534	1.04883	1.04883	0.442366	0.94544	-1.08081	1.2	1.2	1.2	1.2	1.2	1.2	0.294544	1.74319	1.74319	-1.34532	0.7894569	1.075575	1.075575	0.382518	1.35621	1.35621	0.383797	1.27591	1.27591	1.58082	1.88369	1.04806	1
cg22723502	HIST1H4F	0.265027	0.0766825	36.2197	36.2197	0.0643628	44.1966	44.1966	0.182603	13.1784	13.1784	0.631636	2.41238	2.41238	0.110486	23.8263	23.8263	0.28313	7.63763	7.63763	0.0928945	29.0924	29.0924	0.379218	5.17903	5.17903	0.121215	21.398	21.398	1.58081	83.2125	46.7902	1
cg20503727	C19orf51;C19orf6	0.265027	0.614665	0.875658	-1.21134	0.594075	0.595983	-1.67841	0.21163	0.608605	-1.6431	0.544929	1.26014	1.26014	0.0153674	0.2743431	-3.07285	0.384726	0.71442	-1.39958	0.6992511	1.16304	1.16304	0.915942	1.0308	1.0308	0.54218	0.792279	-1.26218	1.58081	3.56357	2.00492	1
cg16996144	TCTEX1D1	0.265032	0.0374495	2.59541	2.59541	0.198808	2.58803	2.58803	0.501769	0.620377	-1.61192	0.665536	0.695021	-1.43881	0.621778	0.705931	-1.41657	0.940578	1.05159	1.05159	0.955234	1.0401	1.0401	0.221687	2.45841	2.45841	0.25121	0.459187	-2.17843	1.58079	12.7283	6.90411	1
cg12644285	CHD2	0.265033	0.0500516	2.25528	-3.91726	0.597879	1.38439	1.38439	0.816631	0.867677	-1.1525	0.268276	0.494296	-2.02308	0.0262859	0.199799	-5.00502	0.758709	0.828386	-1.20717	0.488859	0.650733	-1.53673	0.292372	0.512965	-1.94945	0.346735	0.55317	-1.80776	1.58079	9.34875	5.25685	1
cg08109855	USP42	0.265035	0.678239	0.8498	-1.17659	0.534675	0.28295	-3.53307	0.0268975	0.06897	-14.5001	-1.01	0.585175	0.785335	-1.27334	0.478559	0.8317959	0.973276	0.99147	-1.0086	0.0215687	0.495194	-2.01941	0.975989	1.30597	1.30597	0.26157	0.723857	1.33368	1.33368	1.58077	1.63743	0.920746	1
cg20748533	SHANK1	0.265043	0.0528314	3.35299	3.35299	0.846577	0.505284	2.85295	0.715144	1.22322	1.22322	0.456752	1.51685	1.51685	0.201581	2.60899	2.60899	0.108688	2.61644	2.61644	0.267093	2.74303	2.74303	0.72582	1.23555	1.23555	1.58076	7.56552	4.25423	1
cg11187662	TNNC1	0.265049	0.1559084	0.740987	-1.35023	0.703882	1.24471	1.24471	0.351155	1.13343	1.13343	0.269561	1.21912	1.21912	0.0715997	1.708931	-1.45257	0.929544	1.68089	1.68089	0.115334	0.3810272	1.28598	1.28598	0.0796415	1.62026	1.62026	0.1894928	0.789466	-1.22021	1.58074	0.330836	0.186026	1
cg19423311	IL21R;IL21R;IL21R	0.265049	0.11942	-3.36234	-2.97412	0.729864	1.25056	1.25056	0.780894	0.835389	-1.19705	0.225528	0.440001	-2.27272	0.206376	0.4232928	2.3624	0.650611	0.745205	-1.34191	0.114167	0.330081	-3.02956	0.0241323	0.176492	-5.66599	0.455044	0.612142	-1.63361	1.58074	10.4159	5.85711	1
cg14646081	FXN;FXN;FXN	0.265062	0.753023	0.885794	-1.12893	0.154231	0.582631	-1.71635	0.0618096	0.474744	-2.1064	0.47018	1.29722	1.29722	0.456752	1.51685	1.51685	0.105088	1.62483	1.62483	0.320577	1.43836	1.43836	0.575864	1.22163	1.22163	0.306394	1.68248	1.68248	1.58072	-4.14509	1.58069	3.1406	1.76609	1
cg26250693	C2orf84	0.265064	0.8087326	0.09758	-4.29527	0.570964	0.263846	-3.79145	0.0144883	0.044883	-22.3464	0.13282	0.319197	3.13071	0.144455	0.3192197	3.13071	0.649344	0.805473	-1.15504	0.3430377	2.915853	2.915853	0.844222	1.55064	1.55064	0.0437277	2.180013	2.180013	1.58071	1.474213	1.580693	2.49433	1.40267	1
cg03059247	C3orf12;FAM167A	0.265065	0.125553	0.238542	-4.19213	0.390066	0.467715	-2.13805	0.997631	1.00257	1.00257	0.522046	0.570661	-1.75235	0.0535865	0.15031	-6.65293	0.213071	0.32186	-3.10694	0.0607892	0.160846	-6.21715	0.0779871	0.18395	-5.43626	0.381399	0.460179	-2.17307	1.58068	18.7104	10.5217	1
cg09440989	MGRN1;MGRN1;MGRN1;MGRN1	0.265066	0.8003857	0.155166	0.155166	0.519343	0.871567	-1.14198	0.553113	0.887548	-1.1267	0.248904	1.12601	1.12601	0.277077	0.8824491	1.14899	0.8409203	1.62943	1.62943	-1.16823	0.553383	1.14659	1.14659	0.0731254	-1.07184	0.752406	0.938925	-1.06505	1.58068	0.098663	0.556534	1
cg04893409	IMMP1L	0.265067	0.103133	0.642949	-1.55533	0.873082	1.0404	1.0404	0.548918	1.16213	1.16213	0.932454	1.02122	1.02122	0.0923147	0.6319158	1.58248	0.722442	0.915434	-1.09238	0.416395	0.8140416	-1.22848	0.209491	0.720583	-1.38777	0.0386772	0.552539	1.58059	1.53652	0.864057	1
cg07667522	INPPL1	0.265071	0.956037	0.98176	-1.01858	0.98235	1.00741	1.00741	0.920085	1.03408	1.03408	0.301544	1.43241	1.43241	0.0919543	0.5134739	-1.87007	0.56403	1.21538	1.21538	0.0342696	0.42952	-2.32818	0.215946	0.645153	-1.55002	0.722528	0.887697	-1.12651	1.63392	2.82452	1.34453	1
cg22216015	WNT8	0.265074	0.625338	1.14042	1.14042	0.0642024	1.15226	1.15226	0.567477	0.913782	0.899464	-1.06215	0.675015	1.10633	0.374174	1.160547	-1.10547	0.807097	1.08763	1.08763	0.0800814	1.11011	1.11011	0.0755183	1.29193	1.29193	0.183012	1.58063	1.58063	1.58063	-1.72186	0.250028	0.639172	1
cg17746675	C3orf31;C3orf31	0.265077	0.637209	0.937689	-1.06465	0.0724464	0.762256	-1.31189	0.283009	0.859781	-1.16309	0.940398	0.990016	-1.01008	0.909194	1.01557	1.01557	0.984365	0.99735	-1.00266	0.110453	0.7901112	-1.26564	0.599398	0.930731	-1.07442	0.0720415	1.31252	1.31252	1.58064	0.459187	0.258228	1
cg25884612	ADAM32	0.265079	0.236758	0.57697	-1.73337	0.0788382	1.44471	1.44471	0.151655	1.78555	1.78555	0.170509	1.75006	1.75006	0.284319	1.9584	1.9584	0.428839	2.0045	2.0045	0.0196764	1.96794	1.96794	0.211695	1.42839	1.42839	0.0385	1.96794	1.96794	0.211695	1.58062	1.58062	0.9417	0.457226	1
cg05966435	CAMTA1	0.26508	0.24635	1.67917	1.67917	0.551717	1.29361	1.29361	0.828603	0.911474	-1.09712	0.788221	0.891271	-1.12199	0.96322	0.980479	0.101991	0.157254	1.90913	1.90913	0.0199232	3.3243	3.3243	0.14402	1.95627	1.95627	0.786098	1.8902212	-1.12333	1.58063	4.57563	2.57317	1
cg08159724	MADCAM1;MADCAM1	0.265087	0.0913149	0.371194	-2.69256	0.505141	0.695356	-1.43811	0.652155	0.785294	-1.27541	0.414989	0.641585	-1.55864	0.133279	0.422045	-2.36942	0.149874	0.439423	-2.27571	0.023924	0.235941	-4.23834	0.245212	0.523184	-1.91064	0.994994	0.996664	-1.00335	1.58061	7.10228	3.99412	1
cg26537941	PRDM16;PRDM16	0.265087	0.946817	0.975208	-1.02542	0.1449775	2.37858	-2.37858	0.628328	1.20167	1.20167	0.948537	1.02461	1.02461	0.145385	0.554979	-1.80187	0.587946	0.813768	-1.22885	0.140509	0.550391	-1.81689	0.28903	1.5136	1.5136	0.875103	1.06103	1.06103	1.58061	3.55061	1.99676	1
cg19398602	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.265087	0.714762	0.791695	-1.36319	0.234884	2.2085	2.2085	0.619242	1.37546	1.37546	0.294365	0.500524	-1.99791	0.53649	1.48932	1.48932	0.485152	1.57049	1.57049	0.0318206	4.95853	4.95853	0.285976	2.02418	2.02418	0.260304	0.472699	-2.11104	1.58061	10.1374	5.70102	1
cg18928737	IGF8P4	0.265087	0.586442	1.005392	1.00549	0.895294	1.02411	1.02411	0.808998	0.945309	-1.05783	0.812026	0.98978	1.00457	0.858847	1.03231	1.03231	0.028775	1.59452	1.59452	0.131744	0.745008	-1.34227	0.316809	0.82925	-1.20591	0.364805	0.844949	-1.1835	1.5806	0.839435	0.460828	1
cg11543397	MAL2	0.265102	0.498016	1.79009	1.79009	0.11071	4.3537	4.3537	0.819136	0.837771	-1.21392	0.513613	0.570809	-1.7519	0.702175	0.722388	-1.3854	0.523611	0.57863	-1.72822	0.0301406	0.115529	-8.65585	0.324987	2.36382	2.36382	0.996704	1.0035	1.0035	1.58055	17.9335	10.0856	1
cg19440484	C8orf83	0.265105	0.856077	0.753707	-1.32703	0.4148207	0.792292	-1.2629	0.832804	0.926353	-1.08006	0.642364	0.532097	-1.87966	0.663446	1.506227	-1.50674	0.609604	1.10487	1.10487	0.0463845	0.8716313	-1.1473	0.647965	0.894873	-1.05277	0.658815	1.14481	1.14481	1.58054	0.552322	0.348452	1
cg20822606	FKBPL	0.265107	0.722753	1.1142	1.1142	0.344735	1.60883	1.60883	0.143381	1.6118	1.6118	0.16468	1.56833	1.56833	0.0270392	2.21371	2.21371	0.300297	1.38519	1.38519	0.776156	0.9171	-1.09039	0.856547	1.05647	1.05647	0.155849	1.58556	1.58556	1.58054	0.340864	1.29736	1
cg09150450	GDF7	0.265107	0.132457	0.76397	-1.30895	0.822457	0.963417	-1.03797	0.50441	0.893744	-1.11889	0.988555	1.00238	1.00238	0.485728	0.945419	0.729604	-1.37061	0.361662	0.855999	-1.16823	0.165614	0.782539	-1.27789	0.0956582	1.35462	1.35462	0.773117	1.0491	1.0491	1.58053	0.688371	0.387138	1
cg18294881	LARS2	0.265109	0.09186207	0.7033	-1.42186	0.284807	1.15183	1.15183	0.312772	1.13772	1.13772	0.610887	1.07799	1.07799	0.726106	1.1498	1.1498	0.331258	1.15738	1.15738	0.307108	0.8457299	1.16	1.16	1.16787	0.414268	1.13	1.13	1.58053	0.943816	0.301905	1
cg24350395	CEP170;CEP170;CEP170	0.265117	0.508912	0.602964	-1.65847	0.120451	0.280372	-3.56669	0.303093	0.446928	-2.2375	0.725315	1.30517	1.30517	0.127256	0.287906	-3.47336	0.402393	0.523613	-1.90981	0.843465	1.16098	1.16098	0.058268	5.03134	5.03134	0.733764	0.772789	-1.29401	1.5805	14.2682	8.02456	1
cg18291437	FAM70A;FAM70A;FAM70A	0.265119	0.297004	0.455384	-2.19587	0.0662024	0.152266	-6.56747	0.353782	0.499464	-2.00215	0.675015	0.735775	1.35912	0.0974707	0.2035107	-4.91359	0.162897	0.338288	-2.95667	0.127533	0.301488	-3.31691	0.0824756	0.537018	-1.86214	0.878383	1.12336	1.12336	1.58053	1.82536	0.745407	1
cg25027522	LRP5	0.265113	0.113477	0.780093	-1.28219	0.520237	0.9103	-1.09854	0.214843	0.828187	-1.20716	0.105509	1.29046	1.29046	0.61246	0.92938	-1.07599	0.586866	1.08233	1.08233	0.771169	1.04295	1.04295	0.868	1.02427	1.02427	0.0806184	0.756237	-1.32234	1.58045	0.530434	0.292706	1
cg26606809	ZCCHC6	0.265153	0.884919	0.103171	0.103171	0.954833	0.94858	-1.01431	0.651058	0.850255	-1.12101	0.170253	0.60172	-1.64596	0.809772	0.966116	-1.03507	0.655852	0.94992	-1.11808	0.495828	0.840721	-1.18946	0.0977964	0.432543	-2.31191	0.883355	1.03753	1.03753	1.58045	1.575514	0.886108	1
cg14025025	MAP1A	0.265131	0.96962	0.382112	-1.61016	-1.07923	0.987739	-1.01241	0.125953	0.105153	0.689781	1.20945	1.20945	0.263867	1.74111	1.74111	1.74111	0.379669	0.652374	-1.53286	0.248446	0.564499	-1.77148	0.1386	1.640703	1.229	0.689619	1.20957	1.20957	1.58045	0.523624	1	
cg04641481	LOC219467;LOC219547;C10orf57;LOC219547	0.265136	0.586147	0.748361	-1.33625	0.0378208	3.5607	3.5607	0.23484	1.19218	1.19218	0.434837	0.65695	-1.52219	0.782118	0.864	-1.15741	0.914571	0.944989	-1.05821	0.0932309	0.377706	-2.64756	0.85731	0.909464	-1.09955	0.637003	0.778304	-1.28484	1.58043	6.9593	3.91415	1
cg27293016	19347;LOC219347;LOC219347	0.265153	0.849213	0.971204	-1.02965	0.360306	1.15532	1.15532	0.0137658	1.58597	1.59597	0.958971	0.992134	-1.00793	0.4827	1.11575	1.11575	0.149219	1.26798	1.26798	0.521174	0.904996	-1.10498	0.886002	0.978219	-1.02227	0.553399	1.09641	1.09641	1.58038	0.589851	0.331764	1
cg02837624	HNRNPU;HNRNPU	0.265153	0.732069	0.939357	-1.06419	0.042319	0.903718	-1.26252	0.113473	0.24192	2.41932	0.817147	0.888679	-1.12537	0.401569	0.651299	-1.53539	0.745464	0.847066	-1.18019	0.0967968	1.55607	1.55607	0.440203	1.49343	1.49343	0.201011	1.74276	1.74276	1.58037	0.49877	0.65526	1
cg04902040	MAP701	0.265157	0.695078	0.857779	-1.04409	0.704218	1.03423	1.03423	0.177999	1.57469	1.57469	0.745354	0.919788	-1.08721	0.999986	1.1	1.1	0.730884	0.862897	-1.15893	0.0578897	0.790736	1.26464	0.68421	0.959962	-1.04497	0.0685505	1.25017	1.25017	1.58036	0.900151	0.618822	1
cg19251013	NDUFS7	0.265161	0.883309	0.106958	1.06958	0.904829	0.946692	-1.05631	0.356943	1.54331	1.54331	0.359752	1.5392	1.5392	0.0281215	0.304926	-3.27949	0.226227	0.558789	-1.78958	0.845874	1.09323	1.09323	0.507431	0.734916	-1.3607	0.162062	0.504725	-1.98128	1.58035	5.25026	2.95309	1
cg15302378	LIM8TL;LIM8TL;LIM8TL;LIM8TL;PTCH1;PTCH1;PTCH1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3437 vs. N)	Fold-Change(3437 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04481212	BDNF;BDNF;BDNF;BDNF;BDNF	0.265428	0.716222	0.808042	-1.23756	0.122528	2.65646	2.65646	0.344204	1.77105	1.77105	0.608463	1.770591	-1.3521	0.915685	0.940043	-1.06378	0.0524922	0.276021	-3.62292	0.462194	0.64599	-1.54801	0.152284	2.448801	2.448801	0.762621	1.193146	1.193146	1.57942	8.52656	4.78871	
cg25285515	HRNBP3	0.265436	0.665795	1.35543	1.35543	0.2902175	0.03817	0.03817	0.299015	2.12403	2.12403	0.693837	1.31332	1.31332	0.65993	0.75967	-1.31636	0.7250562	1.28034	1.28034	0.935283	0.2750434	-3.63591	0.94135	1.05284	1.05284	0.508118	0.62514	-1.59964	1.57939	12.2513	6.89512	
cg10993701	SMAGP;SMAGP	0.265443	0.910749	0.955508	-1.04656	0.038262	0.377331	-2.65019	0.107358	0.490013	-2.04076	0.928525	0.96424	-1.03709	0.167891	0.550711	-1.81583	0.598641	1.24059	1.24059	0.261185	0.621505	-1.609	0.35501	1.47136	1.47136	0.879888	1.0633	1.0633	1.57936	4.12077	2.31923	
cg06899081	CSorf37;CSorf37	0.265445	0.268155	0.831912	-1.20202	0.736785	0.947606	-1.05525	0.020915	1.50749	1.50749	0.494417	1.10705	1.10705	0.804166	0.961154	-1.04043	0.234971	0.819888	-1.21956	0.469709	1.1245	1.1245	0.439224	0.883738	-1.13412	0.392049	1.14983	1.14983	1.57935	0.636607	0.358291	
cg15397076	ANOS;ANOS	0.265447	0.365103	0.901611	-1.10913	0.879318	0.983232	-1.01705	0.452336	1.08895	1.08895	0.221872	0.866933	-1.15349	0.183722	1.16996	1.16996	0.79243	1.02979	1.02979	0.0537858	0.7826298	-1.27763	0.605218	0.943586	-1.05979	0.202152	1.1617	1.1617	1.57935	0.309839	0.174383	
cg13148151	UMD1	0.265448	0.9859123	0.478666	-2.08914	0.0875333	0.480849	-2.07965	0.370277	0.699652	-1.42928	0.06374	0.44527	-2.24583	0.773069	0.8938828	-1.11878	0.977388	0.989058	-1.01106	0.692103	1.16709	1.16709	0.8892554	0.483138	-2.0698	0.325588	0.674325	-1.48296	0.75935	3.76958	2.1216	
cg09307689	C1orf35	0.26545	0.170266	0.188956	-5.29224	0.599009	0.545889	-1.83187	0.619239	0.56467	-1.77095	0.501701	0.45937	-2.17689	0.0987753	0.126809	-7.88585	0.226673	0.235006	-4.25521	0.0397908	0.0664244	-15.0547	0.0635916	0.0926047	-10.7986	0.154469	0.175724	-5.69075	0.75934	32.5556	18.323	
cg04025675	LOC145663;GATM	0.265451	0.539154	1.23235	1.23235	0.660901	0.862143	-1.1599	0.3483849	0.666641	-1.50006	0.0404362	0.21523	2.01529	0.114432	1.78061	1.78061	0.504388	1.14578	1.14578	0.265078	0.1884235	1.59726	1.59726	0.1884235	1.59726	0.147225	0.149227	1.26199	1.26199	1.57933	2.82443	1.58966	
cg16082145	RIMBP2	0.26452	0.403547	0.531837	-1.88208	0.238318	2.40824	2.40824	0.900109	0.9514408	-1.0972	0.729936	0.774151	-1.29174	0.0867162	0.747185	-1.44555	0.82412	1.17872	1.17872	0.0289259	0.149187	-6.70301	0.376098	0.511205	-1.95616	0.483761	0.589674	1.69585	1.57933	13.6489	7.58197	
cg14517133	PRPH2	0.265454	0.868526	0.9044	-1.10571	0.974176	0.980558	-1.01983	0.060496	0.276969	-3.61051	0.577039	0.40739	1.40739	0.0572414	0.271255	-3.68657	0.726193	1.23769	1.23769	0.197252	0.437462	-2.28591	0.385978	1.95836	1.95836	0.807683	1.15942	1.15942	1.57933	9.20193	5.1791	
cg01344922	PITX2;PITX2;PITX2	0.265457	0.547322	0.829444	-1.20582	0.449201	0.548271	-1.82424	0.3943956	0.215029	-4.65054	0.31746	0.20027	5.00011	0.0139194	0.443985	-2.25191	0.2509559	0.458018	-2.18312	0.0390271	0.2826966	-3.81729	0.157119	0.384208	-2.73099	0.395754	0.561354	1.78341	1.57932	11.025	6.2052	
cg10029496	PACRG;PACRG;PACRG	0.265457	0.723036	0.964647	-1.03665	0.683867	0.959436	-1.04228	0.54183	1.06446	0.698355	0.961375	-1.04018	0.0958916	0.1203	1.20319	1.20319	0.276167	1.1214	1.1214	0.0300395	0.12423	1.09103	1.09103	0.154887	1.16648	1.16648	0.931701	0.255907	0.144033	
cg20772105	EGFLAM;EGFLAM	0.265462	0.883864	0.937179	-1.03194	0.14351	0.698452	-1.43174	0.439607	0.831861	-1.20212	0.31175	1.26989	1.26989	0.169908	0.7162211	-1.39624	0.20272	0.73562	-1.3594	0.386667	1.22459	1.22459	0.113459	1.48179	1.48179	0.1429	0.870373	-1.14893	1.5793	1.30388	0.733874	
cg13365641	C2orf67	0.26547	0.171955	1.29781	1.29781	0.594627	0.9082	-1.10108	0.602313	0.910053	-1.09884	0.0167084	0.592297	-1.68834	0.65903	0.923476	-1.08287	0.559985	0.899725	-1.11145	0.285343	0.8196669	-1.22001	0.927098	0.61654	-1.62162	0.673386	0.722558	0.829498	0.853771	-1.17127	1.57927	13.2821	7.47582	
cg04278695	ALS2CL	0.265476	0.677239	0.863483	-1.15811	0.4934626	0.783574	-1.2762	0.6606673	0.724245	-1.38125	0.0468778	0.724245	-1.38125	0.0468778	0.724245	-1.38125	0.4842492	-2.19275	-1.28305	0.235466	1.54651	1.54651	0.0365614	0.424587	-2.34419	0.513482	0.792655	1.26158	1.57925	3.0755	1.73106	
cg06427514	KCNH4	0.265477	0.0938327	0.628937	-1.58998	0.0479363	0.56602	-1.76672	0.468485	0.830568	-1.204	0.860238	0.9566132	-1.04536	0.241024	1.36194	1.36194	0.195769	0.708686	-1.41106	0.623855	0.8830227	-1.13247	0.159583	0.685043	-1.45976	0.873291	0.9606826	-1.04099	1.57924	1.58441	0.891798	
cg25004185	BCL9	0.265485	0.422135	1.38696	1.38696	0.0870768	0.360474	-2.77412	0.37984	0.698094	-1.43249	0.317514	0.662717	-1.51019	0.524554	1.2934	1.2934	0.715577	1.1572	1.1572	0.463411	1.34684	1.34684	0.284808	1.15777	1.15777	0.401569	0.709972	-1.40851	1.57922	3.98113	2.24084	
cg13445200	C7orf71	0.265486	0.113337	1.55805	1.55805	0.186875	0.697589	-1.43351	0.386065	0.795387	-1.25693	0.589007	1.35675	1.35675	0.315598	1.30919	1.30919	0.80009	1.06748	1.06748	0.256392	1.35646	1.35646	0.220772	0.718001	-1.39276	0.205602	0.709178	-1.41008	1.57921	1.6565	0.932392	
cg13395854	SYT7	0.265492	0.632128	0.93601	-1.06836	0.0227709	0.688034	-1.45342	0.943856	1.0097	1.0097	0.683245	1.05786	1.05786	0.710454	0.950158	-1.05246	0.124505	1.25612	1.25612	0.462116	1.10809	1.10809	0.862386	0.976494	-1.02407	0.368112	0.880957	-1.13513	1.57919	0.47014	0.26463	
cg01747518	TRMT61A	0.265497	0.208993	1.59671	1.59671	0.0491022	1.31979	1.31979	0.151784	1.72045	1.72045	0.0190076	2.69934	2.69934	0.0190076	2.69934	2.69934	0.2755547	1.49304	1.49304	0.425189	1.33343	1.33343	0.0893737	1.98446	1.98446	0.232656	1.5562	1.5562	1.57918	3.12269	1.7577	
cg08158952	ZNF835	0.265499	0.0337585	1.34753	1.34753	0.259439	0.868019	-1.15205	0.607458	0.106432	1.06432	0.786996	1.03312	1.03312	0.0540309	1.30097	1.30097	0.316034	1.13283	1.13283	0.524881	1.07986	1.07986	0.721853	1.04394	1.04394	0.956114	1.00664	1.00664	1.57917	0.3620222	0.203776	
cg12656691	ARID5B	0.265506	0.623648	1.42896	1.42896	0.313362	0.77387	-1.29183	0.777403	0.850355	-1.17604	0.226099	0.987593	1.01307	0.150148	1.0238455	-1.04455	0.842435	1.17722	1.17722	0.154504	1.26815	1.26815	0.0972728	1.58705	1.58705	0.154522	1.00384	1.00384	1.57916	0.1233	0.13335	
cg18747378	HLA-C	0.265508	?	?	?	0.762949	0.683097	-1.46392	?	?	?	0.182779	0.157292	-6.35761	?	?	?	0.0477854	0.0441436	-22.6534	0.771321	0.6926716	-1.44359	0.470461	0.54395	2.54395	0.255952	0.215616	-4.63788	1.81152	27.7574	12.7689	
cg01969058	KHDC1;KHDC1	0.265511	0.787396	0.963762	-1.0376	0.222978	1.10107	1.19107	0.921742	1.03151	1.01351	0.854641	1.02536	1.025636	0.266546	1.17547	1.17547	0.0899087	1.29078	1.29078	0.195696	0.829571	-1.20544	0.0639856	1.32878	1.32878	0.275213	1.16766	1.16766	1.57913	0.4663302	0.262481	
cg00739608	ACSF2;ACSF2;ACSF3	0.265513	0.782746	0.928782	-1.07683	0.0495151	0.94946	-1.04035	0.6606979	1.73245	1.73245	0.4074778	1.796529	-1.25537	0.0844744	1.796529	-1.25537	0.8251395	1.06091	1.06091	0.683802	1.46142	1.46142	0.125444	1.25144	1.25144	0.353187	1.277452	-1.2909	0.3027666	0.757767	1.3302	1.57912	1.78679	0.00578	
cg13801946	MAP3K3;MAP3K3	0.265513	0.35902	0.895319	-1.11692	0.0205164	1.38715	1.38715	0.673138	1.051	1.051	0.638784	1.057	1.057	0.699967	1.04645	1.04645	0.551872	0.931864	-1.07312	0.223693	0.8608131	-1.16169	0.404735	0.904881	-1.10512	0.8068494	0.971696	-1.02913	1.57912	0.34378	0.193514	
cg07537965	HMGXB4;HMGXB4	0.265514	0.504893	0.881894	-1.13459	0.104954	0.561	-1.78253	0.688994	0.960474	-1.04158	0.276412	0.837844	-1.19381	0.357575	0.844568	-1.18448	0.0959756	0.749688	-1.33384	0.211182	0.54058	-1.84958	0.0152135	0.509329	-1.96307	0.0734811	0.542637	0.754811	-1.32483	1.57912	2.6627	1.49864	
cg13262687	POU4F2	0.26552	0.563703	1.27125	1.27125	0.0300522	1.85537	1.85537	0.145169	1.9268	1.9268	0.178985	1.924742	1.03151	0.964522	1.03151	0.964522	0.8980836	1.05413	1.05413	0.299771	0.642846	-1.55558	0.185053	1.78236	1.78236	0.887851	1.05974	1.05974	1.57909	4.22822	2.38011	
cg25502618	KIAA1949;KIAA1949	0.265523	0.429107	0.862782	-1.15904	0.209078	1.27392	1.27392	0.141869	1.33478	1.33478	0.212955	1.27104	1.27104	0.851421	1.03488	1.03488	0.623477	1.09469	1.09469	0.0558235	0.6728898	-1.48611	0.532921	0.890939	-1.12241	0.778158	0.949669	-1.053	1.57909	0.836319	0.470663	
cg25145631	ATP11A;ATP11A	0.265524	0.369032	1.30753	1.30753	0.816495	1.934157	1.934157	0.0104848	2.123433	2.123433	0.0147597	2.23415	2.23415	0.0147476	2.23415	2.23415	0.1709367	1.28299	1.28299	0.0179213	0.7926113	1.19901	1.19901	0.247964	1.42462	1.42462	0.277099	0.718049	-1.39366	1.57908	2.14722	1.2087	
cg16554153	SAMD9	0.265526	0.383096	0.49007	-2.27774	0.573079	1.69351	1.69351	0.147464	0.239225	-4.18017	0.514365	0.544162	-1.83769	0.32542	0.392804	2.5458	0.0914328	0.18077	-5.53189	0.0378195	0.1089897	-9.17457	0.80425	0.795702	-1.25675	0.110094	0.201366	-4.96608	1.57908	21.1795	11.9223	
cg07258811	EPB41;EPB41;GPR162	0.265526	0.294845	1.46111	1.46111	0.0988417	1.27231	1.27231	0.0418862	1.854316	1.854316	0.0179443	1.947588	1.947588	0.0156564	2.170284	2.170284	0.6036054	1.25444	1.25444	0.0764168	1.2828	1.2828	0.0694188	1.46159	1.46159	0.0737311	1.277885	-1.28394	0.1821757	0.885512	1.6044	1.57907	0.4844	0.1225	
cg04738888	MYO15B	0.26553	0.215712	0.590004	-1.6949	0.424547	1.3913	1.3913	0.877998	0.939691	-1.06418	0.562065	1.26792	1.26792	0.126402	0.5119331	1.95339	0.5725322	1.25976	1.25976	0.0596953	2.3643	2.3643	0.222738	0.595216	-1.68006	0.766723	1.886504	-1.12803	1.57906	4.10081	2.30844	
cg21307218	ECSIT;ZNF653;ECSIT;ECSIT;ECSIT	0.265533	0.456558	1.29793	1.29793	0.862741	0.942225	-1.06132	0.66322	1.16264	1.16264	0.658139	1.1655	1.1655	0.797628	0.915423	-1.09239	0.65988	0.858727	-1.16451	0.0117384	0.5385271	-2.95237	0.224309	0.644684	-1.55115	0.772188	0.905272	-1.10464	1.57906	2.95786	1.66504	
cg03351405	AGAP1;AGAP1	0.265533	0.976861	0.984379	-1.01594	0.0495151	0.964946	-1.03655	0.6660979	0.2538	-3.94011	0.141555	0.366215	2.73064	0.0402546	1.72359	1.72359	0.4013161	1.17255	1.17255	0.0225	2.5399	2.5399	0.0486719	0.8383356	-1.19281	0.456762	1.61871	1.61871	1.57905	10.0995	5.68527	
cg08155245	TOMM22	0.265535	0.392857	0.832015	-1.2019	0.564102	0.884699	-1.13033	0.806711	1.05285	1.05285	0.557947	1.13257	1.13257	0.490929	1.15836	1.15836	0.693317	0.920098	-1.08684	0.0113028	0.51348	-1.9475	0.707958	1.08227	1.08227	0.76891	1.06386	1.06386	1.57904	1.10396	0.62145	
cg20950843	CYB5R3;CYB5R3;CYB5R3	0.265535	0.258306	0.690217	-1.44882	0.443803	1.60201	1.60201	0.608843	1.1583	1.1583	0.4570959	0.633265	1.57912	0.0602328	0.2833614	-3.52915	0.458277	0.810284	-1.23404	0.167354	0.5385139	-1.85739	0.0139778	0.381293	-2.62189	0.204704	0.855383	-1.16883	1.57903	0.88583	0.48408	
cg07244362	ZNF775	0.265536	0.184784	1.50307	1.50307	0.8149941	0.705155	1.865551	1.06901	1.06901	0.263736	0.373726	0.768508	1.03315	0.229132	1.40075	1.40075	0.1203429	1.40075	1.40075	0.0179359	0.6982551	1.43215	1.43215	0.822935	-1.06648	1.06648	0.373676	0.839518	1.32836	1.32836	1.63216	1.08055	0.994023	
cg08723353	NUBP2	0.265547	0.541394	0.818129	-1.2223	0.0124265	0.364157	-2.74607	0.450306	0.778987	-1.28372	0.785397	0.915192	-1.09267	0.491261	0.796921	-1.25483	0.812115	0.925596	-1.08038	0.346645	1.36981	1.36981	0.415192	1.31051	1.31051	0.752473	0.90237	-1.10819	1.5791	2.6365	1.4842	
cg07736287	CLEC18B;CLEC18B	0.265548	0.0260609	1.88144	1.88144	0.0188489	0.548	-1.82526	0.8328494	0.93728	-1.06691	0.0205717	0.6232865	1.60455	0.0602328	1.283934	-1.32915	0.6247217	1.10824	1.10824	0.349931	1.17668	1.17668	0.314204	1.14	1.14	0.0856013	0.818637	-1.10241	0.145151	1.57904	0.85383	0.48408	
cg00679143	11-Sep	0.265556	0.788458	1.2884	1.2884	0.940925	0.07227	1.07227	0.6308	1.57936	1.57936	0.259352	2.28435	2.28435	0.250747	3.15178	3.15178	0.16452	1.47709	1.47709	0.55195	1.76636	1.76636	0.0293629	0.076562	-1.01613	0.994247	0.993235	-1.00681	1.70519	22.7968	8.91269	
cg02284297	NLN	0.265564	0.393795	0.844906	-1.18401	0.0495151	0.962447	1.37007	0.2635175	0.219133	0.322432	3.09303	0.2635175	0.219133	0.322432	3.09303	0.2635175	0.402709	0.660241	-1.51483	0.601293	1.66309	1.66309	0.317386	0.402709	0.660241	-1.51483	0.601293	1.66309	0.317386	1.57903	1.78679	0.00578	
cg24169248	DPP3;DPP3	0.265565	0.121467	1.23752	1.23752	0.829548	0.973006	-1.02774	0.690566	0.950478	-1.0521	0.245643	0.857159	-1.16664	0.391437	0.894533	-1.1179	0.199295	1.18785	1.18785	0.944273	1.00891	1.00891	0.0623529	0.766219	-1.30511	0.466371	1.09865	1.09865	1.57894	0.402896	0.226817	
cg10532295	TUBB3	0.265568	0.663817	1.21715	1.21715	0.6907	0.969253	-1.03172	0.600157	1.14186	1.14186	0.316859	1.29965	1.29965	0.161438	0.8972305	-1.11407	0.1059756	1.29468	1.29468	0.0210135	0.5098295	1.61	1.61	0.0873013	1.68175	1.68175	0.820807	0.944153	-1.05915	1.57893	1.64049	1.04	0.90128	
cg08083009	SBNO1;SBNO1	0.265568	0.407945	0.860918	1.10804	0.1804025	1.1342	1.1342	0.311682	0.804805	-1.24235	0.606664	0.844364	-1.09368	0.0982919	0.693314	-1.44235	0.847482	0.866865	-1.15358	0.080724	1.00491	1.00491	0.134637	1.18437	1.18437	0.644158	0.727572	-1.37443	1.57893	1.02754	0.578475	
cg03181367	ARAP1;ARAP1;ARAP1	0.265573	0.086187	0.61283	-1.63177	0.087854	0.614735	-1.62672	0.760734	0.924145	-1.08208	0.9083017	0.626061	-1.59729	0.0725952	0.596076	-1.67764	0.0853636	0.611878	-1.63431	0.773207	0.9280986	-1.07749	0.327125	0.770062	-1.2986	0.573222	0.863281	-1.15387	1.57891	1.6682	0.939157	
cg20489582	MUDENG;MUDENG;MUDENG;EXOC5	0.265579	0.369032	1.30753	1.30753	0.816495	1.934157	1.934157	0.0104848	2.123433	2.123433	0.0147597	2.23415	2.23415	0.0147476	2.23415	2.23415	0.2275574	1.28299	1.28299	0.0179213	0.7926113	1.19901	1.19901	0.247964	1.42462	1.42462	0.277099	0.718049	-1.39366	1.57908	2.14722	1.2087	
cg15098077	C1orf94;C1orf94	0.26558	0.680447	1.14525	1.14525	0.420711	0.30917	1.30917	0.627228	1.17382	1.17382	0.666883	1.15236	1.15236	0.111334	0.566664	-1.76471	0.0879303	1.85289	1.85289	0.048396	0.208861	0.20861	0.35801	1.36281	1.36281	0.658846	1.15663	1.15663	1.57889	2.68181	1.50982	
cg25609174	VENTX	0.265583	0.215532	1.34297	1.26375	0.163727	0.7505267	1.330654	0.4796267	0.837232	-1.19395	0.647671	1.502962	1.502962	0.261964	1.23422	1.23422	0.919467	1.03836	1.03836	0.793955	1.0582	1.0582	0.262097	1.23415	1.23415	0.330238	1.202955	1.202955	1.57888	0.80937	0.455666	
cg15540096	DHRS4;C14orf167 MBOAT7;MBOAT7;MBOAT7;MBOAT7;	0.265585	0.40947	1.41251	1.41251	0.783254	1.11951	1.11951	0.792856	1.11377	1.11377	0.9775548	1.02631	1.02631	0.332531	1.5097793	1.51563	0.0262951	2.94145	2.94145	0.0968111	0.2092	1.10902	1.10902	0.204781	1.72945	1.72945	0.824826	0.931236	-1.09501	1.57887	4.19151	2.35959	
cg07518035	TSEN34;TSEN34	0.265586	0.943222	0.953492	-1.04878	0.334808	0.514243	-1.9446	0.303161	2.04036	2.04036	0.842633	0.875551	-1.14214	0.0173651	0.144146	-6.93741	0.504493	1.57279	1.57279	?	?	?	0.993167	0.994291	-1.00574	0.709118	0.778513	-1.2845	1.58209	0.95724	6.29373	
cg24663003	ZP3;SRCRB4D	0.265591	0.18452	0.607549	-1.64596	0.798762	1.09467	1.09467	0.0327701	0.412998	-2.42132	0.505173	0.787101	-1.27049	0.0516968	0.456581	-2.19019	0.956559	0.980899	-1.01947	0.674285	0.8610094	-1.16143	0.580036	1.21882	1.21882	0.834164	1.07705	1.07705	1.57885	3.13448	1.76471	
cg04491253	BAT4;BAT4;CSNK2B	0.265592	0.709907	0.933408	-1.07124	0.603641	1.10127	1.10127	0.0393153	0.645002	-1.55038	0.388156	0.849681	-1.17691	0.557099	0.888289	-1.12576	0.144883	0.867493	-1.15255	0.0294997	0.2323236	-4.30453	0.0918102	0.504912	1.98092	0.104912	0.882398	0.847879	-1.17941	1.57884	0.84163	0.477515	
cg18332212	ERICH1	0.265597	0.18288	0.687113	-1.45524	0.327798	1.30752	1.30752	0.535514	0.846574	-1.18123	0.47427	0.824344	-1.21309	0.0184084	0.451167	2.21647	0.7018595	0.902952	1.10748	0.969227	0.988829	-1.01028	0.904601	0.01327	1.01327	0.362305	0.764135	-1.30867	1.57883	1.76187	0.991944	
cg10572670	RGNEF	0.265597	0.354571	0.73141	-1.36722	0.0913627	0.543026	-1.84153	0.0221288	0.406155	-2.46211	0.488582	0.793687	-1.25994	0.429481	0.767304	-1.30326	0.971948	1.01162	1.01162	0.371161	1.35198	1.35198	0.372431	0.740276	-1.35085	0.963124	1.0153	1.0153	1.57883	2.69765	1.5184	
cg15636295	HBEGF	0.265597	0.600029	1.41883	1.41883	0.577318	0.479143	2.08731	0.0443931	0.42932	-2.32932	0.612523	0.68919	-1.45093	0.0975383	0.558316	-1.79057	0.1839737	1.30265	1.30265	0.0702581	0.2025821	1.18397	1.18397	0.302662	1.02581	1.02581	0.172178	2.61387	2.61387	1.57883	1.9335	0.61455	
cg06117855	CLEC3B;CLEC3B	0.265603	0.141801	0.269728	-3.70744	0.058673	0.170344	-5.87046	0.828949	0.835703	-1.1966	0.287785	0.400313	-2.49805	0.144643	0.272612	-3.66821	0.17763	0.3047	-3.28192	0.0546307	0.1639167	-6.10085	0.177245	0.304338	-3.28582	0.214808	0.308505	-2.95417	1.57881	17.2063	9.68738	
cg26728830	GOLGA3	0.265605	0.0722633	1.39125	1.39125	0.464641	0.332256	1.332256	0.0426	0.2257	-4.43298	0.0200284	0.2257	-4.43298	0.0200284	0.2257	-4.43298	0.0200284	0.725412	1.37811	0.307013	0.4654284	2.14899	0.0498738	0.812149	1.23106	0.0295616	0.312838	0.810596	0.0295616	0.708988	1.57881	0.970402	0.970402	0.455666	
cg08533745	PTHLH;PTHLH;PTHLH;PTHLH CENPBD1;AFG3L1;CENPBD1;AFG3L1;AF	0.265606	0.221771	0.499919	-2.00032	0.154297	0.439006	-2.27787	0.0318058	0.257051	-3.89028	0.68931	1.26141	1.26141	0.250906	0.523269	1.91106	0.756673	1.1827	1.1827	0.12357	0.406368	-2.46083	0.714993	1.21895	1.21895	0.793989	0.868243	-1.15175	1.5788	7.2878	4.10315	1
cg13969584	G3L1 SLC29A1;SLC29A1;SLC29A1;SLC29A1;SL	0.265616	0.577308	1.67582	1.67582	0.249108	1.57103	1.57103	0.0502069	1.74662	1.74662	0.93637	1.00734	1.00734	0.276336	0.354033	-2.82459	0.731375	0.72905	-1.37165	0.736881	1.36238	1.36238	0.0670263	0.57036	0.57036	0.132873	0.442358	0.442358	1.57876	21.0268	11.8387	1
cg00261900	C29A1	0.265619	0.303231	0.688929	-1.45153	0.797194	1.09416	1.09416	0.463	1.29827	1.29827	0.972058	1.01231	1.01231	0.0360857	0.426657	-2.3438	0.725038	0.883914	-1.13133	0.118137	0.552748	-1.80914	0.200915	1.60318	1.60318	0.933345	1.02966	1.02966	1.57875	3.05283	1.71884	1
cg21274857	CGNL1	0.265621	0.822935	0.910987	-1.09771	0.892809	1.05768	1.05768	0.992496	1.00092	1.00092	0.73977	0.885192	-1.1297	0.0906225	0.255849	-3.90855	0.449002	0.725479	-1.3784	0.621714	0.8131113	-1.22984	0.741322	0.858191	-1.16524	0.304263	1.5567	1.5567	1.57875	4.32629	2.43585	1
cg03

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg07258627	PINT;PINT;PINT	0.265852	0.4968606	-2.00559	0.410499	0.725133	-1.37906	0.696354	0.86091	-1.16156	0.600462	2.12744	1.21744	0.0633812	0.450564	2.12944	0.34528	0.689905	-1.44947	0.184083	1.73273	1.71275	0.915516	0.794481	-1.25868	0.176575	0.577757	1.73083	1.57801	3.64465	2.05302	1
cg01538778	TMED5;TMED5;TMED5;CCDC18	0.265835	?	?	0.0609007	6.60518	0.6057186	0.0977686	4.91679	4.916679	0.403011	2.04523	2.04523	?	?	?	0.4721287	1.83849	1.83849	1.83849	1.818492	1.118782	4.36435	4.36435	0.2725591	2.62629	2.62629	1.80894	1.81925	5.47584	1
cg05438508	ABHD6	0.265838	0.236268	0.399395	-2.50379	0.8303088	1.172201	1.172201	0.5806538	0.6618824	-1.51084	0.00849156	0.0833701	-11.9947	0.9023101	0.9131181	-1.09507	0.5136818	0.613585	-1.63216	0.8333647	0.8559955	-1.16829	0.753151	1.26278	1.26278	0.9378444	0.979672	-1.02075	1.57799	13.6687	7.689651	1
cg14788003	SLC6A11	0.265838	0.303045	0.721456	-1.38609	0.8982233	0.961595	-1.03994	0.9172724	1.03231	1.03231	0.1252324	0.6017821	-1.66173	0.0784662	0.5408115	-1.81879	0.6684606	0.8764455	-1.14096	0.0678697	1.86088	1.86088	0.776351	0.916529	-1.09107	0.173159	0.755105	-1.32432	1.57799	2.34064	1.31849	1
cg08949296	IPH1	0.265844	0.2265	0.4998872	-2.00051	0.182752	2.16693	0.659981	1.297146	1.27146	0.419024	0.638277	-1.56673	0.817005	0.879879	-1.13652	0.98038	0.986761	-1.01342	0.6831676	0.324105	-3.08542	0.644923	1.28628	1.28628	0.0770883	0.338534	-2.95391	1.631	7.42746	3.54195	1
cg02152443	CAL8	0.265845	0.9686893	0.989596	-1.01061	?	?	?	0.73453	0.913287	-1.09495	0.9467317	1.02796	1.02796	0.0376616	0.5259956	-1.9013	0.5729999	1.1639	1.1639	0.0737615	0.587912	-1.70093	0.184085	0.680945	-1.45572	0.330334	0.765145	-1.30604	1.58116	1.58083	0.99979	1
cg26301143	TRAM2	0.265848	0.522423	0.878595	-1.13818	0.6568223	0.914589	-1.09339	0.0641859	0.66017	-1.51476	0.3250577	0.816363	-1.22495	0.741423	1.06835	1.06835	0.406058	0.84391	-1.18496	0.0555603	1.54214	1.54214	0.456444	0.859479	-1.1635	0.350908	0.825564	-1.21129	1.57795	0.99622	0.561187	1
cg07132051	FHAD1	0.265851	0.0310704	0.147387	-6.78486	0.795127	0.821306	1.217557	0.2407029	1.76615	1.76615	0.3180694	0.4505655	-2.21899	0.5155068	0.6221144	-1.60734	0.310342	0.451963	-2.21257	0.0856418	0.233573	-4.20915	0.115483	0.274029	-3.64925	0.451907	0.5600311	-1.78568	1.57795	14.3032	8.05724	1
cg08222662	ZC3HAV1;ZC3HAV1	0.265851	0.0142029	0.2096129	-4.77034	0.819008	1.12567	1.12567	0.9250944	0.49977	1.04077	0.538777	0.407544	-2.45355	0.390045	0.57601	1.57601	0.203198	0.499708	-2.00117	0.2857443	0.564052	-1.77288	0.579046	0.74869	-1.33567	0.792266	0.872561	-1.14605	1.57794	0.66618	0.7552	1
cg25906332	SLC25A29	0.265863	0.810091	1.04397	1.04397	0.6102553	0.912209	-1.09624	0.0929191	1.39157	1.39157	0.0260696	1.60319	1.60319	0.832766	1.03852	1.03852	0.926965	1.01652	1.01652	0.328186	1.1977	1.1977	0.2000229	1.27376	1.27376	0.4841222	0.8806448	-1.13553	1.5779	0.7984466	0.449793	1
cg12819319	RNF215;LOC100294362	0.265865	0.724111	0.9078937	-1.10139	0.4264587	0.494384	-2.02272	0.5995561	0.8684	-1.15154	0.6943901	0.9615435	1.04292	0.9673331	0.9613174	-1.04026	0.7242	0.9613174	-1.04026	0.6313677	1.17755	1.17755	0.1145693	1.76044	1.76044	0.3115502	0.778389	1.73373	0.9766778	1
cg18470809	FOXM1;C12orf32 FOXM1;C12orf32;C12orf32;FOXM1;FO	0.265871	0.758196	1.04545	1.05445	0.71887	1.06404	1.06404	0.484826	0.885342	-1.12963	0.656321	0.925976	-1.07994	0.188674	0.787299	-1.27017	0.658037	1.07926	1.07926	0.0327095	0.587589	-1.70187	0.29044	0.83829	-1.20731	0.832496	0.962153	-1.03934	1.57787	0.73684	0.415095	1
cg04170460	TAOK2;TAOK2;TAOK2;TAOK2	0.26588	0.282703	0.807368	-1.23859	0.265268	0.800478	-1.24925	0.73326	0.936532	-1.06777	0.681118	0.92385	-1.08243	0.926899	1.01775	1.01775	0.159517	0.749649	-1.33396	0.970005	0.992818	-1.00723	0.045982	1.55024	1.55024	0.21919	1.28107	1.28107	1.57785	0.918237	0.517294	1
cg05558578	NET1;NET1	0.265883	0.0655657	0.3184848	-3.17613	0.15506	0.427018	-2.34182	0.0463473	0.279098	-3.58297	0.345519	0.417291	-2.39641	0.203298	0.471919	-2.11901	0.621021	0.756776	-1.3214	0.231771	0.500741	-1.99703	0.524499	0.697218	-1.43427	0.111761	0.379645	-2.63404	1.57783	7.81436	4.4023	1
cg00709251	CDH1	0.265883	0.594887	0.900072	-1.11067	0.234391	1.25745	1.25745	0.556883	1.11538	1.11538	0.547126	1.1448	1.1448	0.144706	1.333551	1.33355	0.421659	1.16224	1.16224	0.0150497	1.73179	1.73179	0.600705	1.10192	1.10192	0.689027	0.928739	-1.07673	1.57783	0.844019	0.475488	1
cg04693399	UHRF1;UHRF1	0.265884	0.0639121	0.4036924	-2.47714	0.730311	1.16287	1.16287	0.764455	1.13984	1.13984	0.0390705	0.353357	-2.83	0.156107	0.516384	-1.93654	0.760725	0.875428	-1.1423	0.568429	1.28544	1.28544	0.684471	0.836978	-1.19478	0.62548	1.23895	1.23895	0.57783	4.74119	2.67101	1
cg15470983	LF2	0.265884	0.156361	0.515531	-1.88136	0.653285	1.307228	1.20728	0.98304	0.994794	-1.00574	0.639628	0.817233	-1.22364	0.040138	0.372344	-2.68569	0.0337206	0.355906	-2.80973	0.80714	0.903131	-1.10726	0.405482	0.701484	-1.42555	0.558099	0.777329	-1.28646	1.57783	4.93676	2.44317	1
cg24630412	GABBR1;GABBR1;GABBR1	0.265889	0.3482017	0.137973	1.37975	0.0421606	0.185198	2.18398	0.1631602	2.00682	2.00682	0.270904	1.46528	0.6841135	1.143421	1.14342	1.14342	0.090655	1.00391	1.00391	0.9425567	1.03293	1.03293	0.757419	0.901891	-1.10878	0.0772985	1.02434	1.02434	1.57781	2.77592	1.56386	1
cg03663215	ADCY2	0.265893	0.814195	0.950563	-1.05201	0.294933	0.791422	-1.26355	0.0225454	1.80095	1.80095	0.31675	0.800199	-1.24969	0.530589	0.872138	-1.14661	0.353609	0.814208	-1.22819	0.522737	0.860792	-1.1497	0.765264	0.937551	-1.06661	0.475136	1.16929	1.16929	1.5778	1.15895	0.652021	1
cg27620946	AP3M2;AP3M2	0.265897	0.537764	0.868916	-1.15139	0.4504	1.16002	1.16002	0.1480713	1.36002	1.36002	0.1480713	0.7609395	-1.31423	0.3819181	1.22073	1.22073	0.238745	0.797292	-1.25411	0.515559	0.860201	-1.16206	0.727308	0.934301	-1.0819	0.224122	1.33322	1.33322	1.57779	1.26781	0.719971	1
cg04904388	LOXL3	0.265904	0.241928	0.427457	-2.33942	0.0431434	0.198991	-5.02535	0.138854	0.331037	-3.02081	0.666376	0.740092	-1.35118	0.182487	0.374648	-2.66917	0.669405	0.742271	-1.34722	0.345341	0.509451	-1.9629	0.190691	0.21567	2.61567	0.957412	1.03775	1.03775	1.57776	12.0323	6.77882	1
cg15268593	NEU2	0.265912	0.305384	1.26388	1.26388	0.2109496	1.47647	1.47647	0.0013321	2.12291	2.12291	0.0013321	1.73965	1.26282	1.2291	1.23839	1.31944	1.31944	1.31944	1.31944	1.31944	0.041524	1.67935	1.67935	0.1788618	1.07666	1.07666	0.3944935	0.8250212	-1.2121	0.37725	0.8188672	-1.22112	0.57773	1.12556	0.6484943	1
cg01543603	ANKRD11	0.265913	0.943215	0.9613	-1.04026	0.0893944	2.8227	2.8227	0.0793709	2.94169	2.94169	0.754354	0.840372	-1.18995	0.0911831	0.356722	2.80331	0.897803	1.07379	1.07379	0.49394	1.54804	1.54804	0.349104	1.70584	1.70584	0.737536	0.829986	-1.20484	1.57773	7.67062	4.32161	1
cg23234154	MANBA	0.265915	0.0281153	0.481128	-2.07845	0.150999	1.54366	1.54366	0.711283	0.900428	-1.11037	0.577886	1.45646	1.45646	0.366736	0.740092	-1.35118	0.503744	1.21097	1.21097	0.567862	0.849694	-1.17689	0.53507	1.19389	1.19389	0.735122	1.10054	1.10054	1.57772	1.98876	1.12047	1
cg07317755	PDE12	0.265917	0.07206	1.31015	1.31015	0.0582706	0.904957	1.08275	1.7	0.908206	0.904957	1.08275	1.7	1.7	1.7	1.7	1.7	0.566319	1.36078	1.36078	0.0	1.36078	1.36078	0.0	1.36078	1.36078	0.0	1.36078	1.36078	1.82643	1.23797	2.2468	?	1
cg20784649	RAD1;BRIX1;RAD1	0.265919	0.293664	0.727534	-1.37451	0.117464	0.608639	-1.64301	0.131828	1.608	1.608	0.436329	1.26099	1.26099	0.202278	1.48162	1.48162	0.550049	0.838119	-1.19315	0.250874	1.41957	1.41957	0.264234	1.4047	1.4047	0.608042	1.16307	1.16307	1.57771	2.13085	1.20053	1
cg10217503	GNS;GNS GNS;NR61;NR3;NR61;NR3;NR61;NR3;N R61;NR3;NR61;NR3;NR61;NR3;NR61;NR	0.265922	0.474012	1.1981	1.19381	0.399385	1.2297	1.2297	0.799739	0.940855	-1.06286	0.0765952	1.60667	1.60667	0.609527	0.614587	-1.62711	0.525826	1.16669	1.16669	0.301241	0.773457	-1.2929	0.564924	1.14975	1.14975	0.395533	0.81165	-1.23206	1.5777	1.43726	0.809763	1
cg17457560	G1;NR61;NR3;NR61;NR3;NR61;NR	0.265931	0.012304	0.242671	-4.12081	0.251695	0.580466	-1.72275	0.843102	1.09419	1.09419	0.635089	0.804807	-1.24253	0.615594	0.794571	-1.25854	?	?	?	0.263446	0.588886	-1.69812	0.9957	0.997555	-1.00245	0.966585	0.981152	-1.01921	1.58086	4.59166	2.90453	1
cg24616879	NEBL	0.265932	0.0793825	0.458969	-2.1788	0.365289	0.689348	-1.45065	0.436619	0.72806	-1.37351	0.227932	0.602826	-1.65885	0.0314035	0.364483	-2.74361	0.081776	0.462394	-2.16266	0.135745	0.525731	-1.90211	0.498262	0.75961	-1.31646	0.506315	0.763635	-1.30953	1.57766	3.99617	2.25153	1
cg12588763	CSorf32	0.265935	0.837172	0.9479	1.05503	0.7	0.7	0.7	0.842131	0.937252	-1.06637	0.7	0.7	0.7	0.4209	0.8863071	1.33831	0.878203	0.947202	-1.05577	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.48897	0.873864	0.07393	1.07393	1.58085	4.67176	2.82872	1
cg19952015	ATXN7L1;ATXN7L1	0.265936	0.622379	1.18051	1.18051	0.0380922	2.23376	2.23376	0.744814	0.896565	-1.11537	0.131716	1.72281	1.72281	0.380523	1.35082	1.35082	0.451406	0.773749	-1.29241	0.132088	1.72177	1.72177	0.139	1.70298	1.70298	0.617195	1.18349	1.18349	1.57765	2.79253	1.57338	1
cg03189022	TMEM187;HCFC1	0.265942	0.285411	0.493775	-2.27596	0.0559043	0.200828	-4.97938	0.531208	0.624194	-1.60022	0.0569214	0.45921	4.91821	0.396602	0.525484	-1.90301	0.388536	0.624914	-1.60082	0.0425144	0.188041	-5.31611	-2.07658	0.817381	1.22351	0.587842	1.70114	1.70114	0.2963543	0.689095	-1.45086	0.4984709	0.795092	-1.25772	1.57749	2.47604	1.40704	1
cg03421270	TNXB	0.265952	0.0394244	0.327973	-3.04903	0.191126	0.523288	-1.911	0.80108	0.8881	-1.126	0.457919	1.42428	1.42428	0.393592	0.664391	-1.50514	0.1753	0.509462	-1.96286	0.345049	0.634423	-1.57623	0.0807926	0.40414	-2.47439	0.832208	1.10437	1.10437	1.57759	5.4699	3.082	1
cg17441118	TNXB	0.265956	0.133133	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.675404	-1.48059	0.2318661	0.784071	-1.27524	0.363478	0.824286	-1.21863	0.122175	0.736306	-1.35813	0.184669	0.582525	-1.71648	0.0	0.582525	-1.71648	0.0	0.582525	-1.71648	0.0	0.582525	-1.71648	0.0	0.582525	-1.71648	1.57768	0.904307	0.5298817	1
cg11228936	CPAMD8	0.265957	0.971938	1.02826	1.02826	0.021857	0.84503	0.845033	0.935701	0.938074	-1.06601	0.577136	0.640005	-1.56249	0.596715	0.655024	-1.52666	0.571546	1.573	1.573	0.905526	1.0982	1.0982	0.383406	0.20324	2.03024	0.203024	0.067072	1.58434	1.57758	15.6839	8.83711	1
cg15660498	C19orf55	0.265959	0.0850281	0.650378	-1.53757	0.0821083	0.64717	-1.54519	0.682759	0.911348	-1.09728	0.136081	0.695696	-1.43741	0.228697	0.751723	-1.33028	0.958541	1.01181	1.01181	0.0615682	0.621446	-1.60915	0.185725	0.72834	-1.37298	0.923509	1.02193	1.02193	1.57757	1.27509	0.718455	1
cg03544315	HIST2H2BF	0.265962	0.561497	1.09127	1.09127	0.1551178	1.42295	1.42295	0.1943848	0.703363	-1.42161	0.0151179	0.719546	-1.38977	0.0150416	0.620745	-1.61084	0.719496	1.04076	1.04076	0.2723424	1.19488	1.19488	0.0800953	1.13494	1.13494	0.3776959	0.953034	0.9528817	1.58086	1.57753	0.954307	0.5298817	1
cg01443148	CTRL	0.265962	0.969167	0.989353	-1.01076	0.706889	0.900604	-1.11037	0.577886	1.16845	1.16845	0.586407	1.56431	1.56431	0.200301	0.687474	-1.4546	0.956232	0.984916	-1.01531	0.0190564	0.455709	-2.19438	0.238355	1.40777	1.40777	0.601324	2.86451	2.86451	-1.15719	1.57756	1.91608	1.07963	1
cg25073919	KCNIP3;KCNIP3	0.265962	0.82506	1.13101	1.13101	0.4708256	0.908206	0.940597	0.94275	1.17456	1.17456	0.2122	1.74396	1.74396	0.2122	1.74396	1.74396	0.8300243	1.36463	1.36078	0.7	1.36078	1.36078	0.7	1.36078	1.36078	0.7	1.36078	1.36078	1.58043	1.23797	2.2468	?	1
cg20784649	RAD1;BRIX1;RAD1	0.265919	0.293664	0.727534	-1.37451	0.117464	0.608639	-1.64301	0.131828	1.608	1.608	0.436329	1.26099	1.26099	0.202278	1.48162	1.48162	0.550049	0.838119	-1.19315	0.250874	1.41957	1.41957	0.264234	1.4047	1.4047	0.608042	1.16307	1.16307	1.57771	2.13085	1.20053	1
cg02175031	GNS;GNS GNS;NR61;NR3;NR61;NR3;NR61;NR3;N R61;NR3;NR61;NR3;NR61;NR3;NR61;NR	0.265922	0.474012	1.1981	1.19381	0.399385	1.2297	1.2297	0.799739	0.940855	-1.06286	0.0765952	1.60667	1.60667	0.609527	0.614587	-1.62711	0.525826	1.16669	1.16669	0.301241	0.773457	-1.2929	0.564924	1.14975	1.14975	0.395533	0.81165	-1.23206	1.5777	1.43726	0.809763	1
cg17457560	G1;NR61;NR3;NR61;NR3;NR61;NR	0.265931	0.012304	0.242671	-4.12081	0.251695	0.580466	-1.72275	0.843102	1.09419	1.09419	0.635089	0.804807	-1.24253	0.615594	0.794571	-1.25854	?	?	?	0.263446	0.588886	-1.69812	0.9957	0.997555	-1.00245	0.966585	0.981152	-1.01921	1.58086	4.59166	2.90453	1
cg24616879	NEBL	0.265932	0.0793825	0.458969	-2.1788	0.365289	0.689348	-1.45065	0.436619	0.72806	-1.37351	0.227932	0.602826	-1.65885	0.0314035	0.364483	-2.74361	0.081776	0.462394	-2.16266	0.135745	0.525731	-1.90211	0.498262	0.75961	-1.31646	0.506315	0.763635	-1.30953	1.57766	3.99617	2.25153	1
cg12588763	CSorf32	0.265935	0.837172	0.9479	1.05503	0.7	0.7	0.7	0.842131	0.937252	-1.06637	0.7	0.7	0.7	0.4209	0.8863071	1.33831	0.878203	0.947202	-1.05577	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.48897	0.873864	0.07393	1.07393	1.58085	4.67176	2.82872	1
cg19952015	ATXN7L1;ATXN7L1	0.265936	0.622379	1.18051	1.18051	0.0380922	2.23376	2.23376	0.744814	0.896565	-1.11537	0.131716	1.72281	1.72281	0.380523	1.35082	1.35082	0.451406	0.773749	-1.29241	0.132088	1.72177	1.72177	0.139	1.70298	1.70298	0.617195	1.18349	1.18349	1.57765	2.79253	1.57338	1
cg03189022	TMEM187;HCFC1	0.265942	0.285411	0.493775	-2.27596	0.0559043	0.200828	-4.97938	0.531208	0.624194	-1.60022	0.0569214	0.45921	4.91821	0.396602	0.525484	-1.90301	0.388536	0.624914	-1.60082	0.0425144	0.188041	-5.31611	-2.07658	0.817381	1.22351	0.587842	1.70114	1.70114	0.2963543	0.689095	-1.45086	0.4984709	0.795092	-1.25772	1.57749	2.47604	1.40704	1
cg03421270	TNXB	0.265952	0.0394244	0.327973	-3.04903	0.191126	0.523288	-1.911	0.80108	0.8881	-1.126	0.457919	1.42428	1.42428	0.393592	0.664391	-1.50514	0.1753	0.509462	-1.96286	0.345049	0.634423	-1.57623	0.0807926	0.40414	-2.47439	0.832208	1.10437	1.10437	1.57759	5.4699	3.082	1
cg17441118	TNXB	0.265956	0.133133	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.675404	-1.48059	0.2318661	0.784071	-1.27524	0.363478	0.824286	-1.21863	0.122175	0.736306	-1.35813	0.184669	0.582525	-1.71648	0.0	0.582525	-1.71648	0.0	0.582525	-1.71648	0.0	0.582525	-1.71648	0.0	0.582525	-1.71648	1.57768	0.904307	0.5298817	1
cg11228936	CPAMD8	0.265957	0.971938	1.02826	1.02826	0.021857	0.84503	0.845033	0.935701	0.938074	-1.06601	0.577136	0.640005	-1.56249	0.596715	0.655024	-1.52666	0.571546	1.573	1.573	0.905526	1.0982	1.0982	0.383406	0.20324	2.03024	0.203024	0.067072	1.58434	1.57758	15.6839	8.83711	1
cg15660498	C19orf55	0.265959	0.0850281	0.650378	-1.53757	0.0821083	0.64717	-1.54519	0.682759	0.911348	-1.09728	0.136081	0.695696	-1.43741	0.228697	0.751723	-1.33028	0.958541	1.01181	1.01181	0.0615682	0.621446	-1.60915	0.185725	0.72834	-1.37298	0.923509	1.02193	1.02193	1.57757	1.27509	0.718455	1
cg03544315	HIST2H2BF	0.265962	0.561497	1.09127	1.09127	0.1551178	1.42295	1.42295	0.1943848	0.703363	-1.42161	0.0151179	0.719546	-1.38977	0.0150416	0.620745	-1.61084	0.719496	1.04076	1.04076	0.2723424	1.19488	1.19488	0.0800953	1.13494	1.13494	0.3776959	0.953034	0.9528817	1.58086	1.57753	0.954307	0.5298817	1
cg01443148	CTRL	0.265962	0.969167	0.989353	-1.01076	0.706889	0.900604	-1.11037	0.577886	1.16845	1.16845	0.586407	1.56431	1.56431	0.200301	0.687474	-1.4546	0.956232	0.984916	-1.01531	0.0190564	0.455709	-2.19438	0.238355	1.40777	1.40777	0.601324	2.86451	2.86451	-1.15719	1.57756	1.91608	1.07963	1
cg25073919	KCNIP3;KCNIP3	0.265962	0.82506	1.13101	1.13101	0.4708256	0.908206	0.940597	0.94275	1.17456	1.17456	0.2122	1.74396	1.74396	0.2122	1.74396	1.74396	0.8300243	1.36463	1.36078	0.7	1.36078	1.36078	0.7	1.36078	1.36078	0.7	1.36078	1.36078	1.58043	1.23797	2.2468	?	1
cg04675919	PRICKLE3	0.265963	0.124905	5.93701	5.93701	0.912482	1.12512	1.12512	0.754512	1.39984	1.39984	0.687672	1.54241	1.54241	0.338332	0.347032	-2.88158	0.651502	0.614124	-1.62834	0.513246	2.03597	2.03597	0.951453	0.936799	-1.06746	0.0168427	22.8081	22.8081	1.57756	28.7278	16.187	1
cg25459986	TOP2A	0.265966	0.400281	1.13245	1.13245	0.0509011	0.704179	-1.38068	0.659351	0.937915	-1.06619	0.419744	0.887723	-1.12649	0.444824	0.897237	-1.11491	0.653889	1.17186	1.17186	0.756761	0.956108	-1.04591	0.807567	0.967749	-1.03333	0.628722	1.01301	1.01301	1.57755	0.524134	0.219909	1
cg16501140	TRPC3;TRPC3 CACNA1C;CACNA1C;CACNA1C;CACNA1 C;CACNA1C;CACNA1C;CACNA1C;CACN	0.265967	0.731242	0.920666	-1.08617	0.92053	1.02421	1.02421	0.126179	0.672551	-1.48688	0.337008	1.26783	1.26783	0.883204	0.965372	-1.03587	0.48258	1.18659	1.18659	0.0552064	1.68385	1.68385	0.265668	1.32059	1.32059	0.21375	0.730627	-1.36869	1.57754	1.54596	0.809115	1
cg20033731	A1C;CACNA1C;CACNA1C;CACNA1C	0.265969	0.308005	0.803894	-1.34549	0.1244028	0.707434	-1.41356	0.791345	1.05672	1.05672	0.125183	0.708004	-1.41242	0.0820177	0.669718	-1.49317	0.212359	0.76149	-1.31322	0.0403815	0.610126	-1.63659	0.396395	0.834696	-1.19804	0.768777	0.940511	-1.06325	1.57754	1.08148	0.60938	1
cg22960635	TEL02	0.265969	0.0869994	0.6937	-1.44154	0.473897	1.15135	1.15135	0.30925	0.815772	-1.22583	0.907806	0.977832	-1.02267	0.464229	1.15505	1.15505	0.672894	1.08564	1.08564	0.703044	1.07693	1.07693	0.649864	1.09246	1.09246	0.0361258	1.60251	1.60251	1.57753	0.935521	0.527136	1
cg20951821	ENC1;ENC1	0.265981	0.521491	0.860133	-1.16261	0.623411	0.891281	-1.12198	0.85109	1.05582	1.05582	0.154356	1.42535	1.42535	0.594958	1.1325	1.1325	0.516331	0.85848	-1.16485	0.385491	1.22913	1.22913	0.0715616	1.59452	1.59452	0.0469903	1.6942	1.6942	1.57749	1.34337	0.756965	1
cg17730078	RPTOR;RPTOR	0.265982	0.1905482	0.435494	-2.29618	0.1409	0.4127076	0.2429	0.1873	0.29256	-3.41796	0.2421707	0.228029	4.38476	0.1838795	0.2421707	4.129	0.1922	0.484746	2.064211	0.1709	0.1922	0.776858	-1.28761	0.587842	1.2109	0.1922	0.776858	-1.28761	1.57748	0.769385	0.5	1
cg24994249	UBE4A	0.265986	0.637868	0.846657	-1.18112	0.308953	1.44731	1.44731	0.597422	1.20578	1.20578	0.409569	1.34463	1.34463	0.325889	0.700364	-1.42783	0.136459	0.56932	-1.75648	0.0815572	0.507734	-1.96953	0.157373	1.70045	1.70045	0.668073	0.859454	-1.16353	1.57748

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	Ratio(1057 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs N)	Ratio(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1217 vs N)	Ratio(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1221 vs N)	Ratio(1221 vs. N)	p-value(1221 vs. N)	Fold-Change(1347 vs N)	Ratio(1347 vs. N)	p-value(1347 vs. N)	Fold-Change(1353 vs N)	Ratio(1353 vs. N)	p-value(1353 vs. N)	Fold-Change(1527 vs N)	Ratio(1527 vs. N)	p-value(1527 vs. N)	Fold-Change(1537 vs N)	Ratio(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(5637 vs N)	Ratio(5637 vs. N)	p-value(5637 vs. N)	F(Error
cg14035025	CARS;CARS;CARS;CARS	0.266344	0.124696	2.52324	2.56224	0.508615	1.46435	1.46435	0.749383	1.18847	1.18847	0.2606986	1.94234	1.94234	0.4709993	1.5145	1.5145	0.5052592	1.46614	1.46614	0.131876	2.53075	2.53075	0.0191449	4.97658	4.97658	0.12183	2.58388	2.58388	1.57623	7.99873	7.99873	4.51074	1
cg27318539	PPAN-P2RY11;PPAN;SNORD105B	0.266346	0.207697	0.63973	1.56316	0.253742	0.669806	-1.49297	0.218312	0.647006	-1.54558	0.130619	0.577574	-1.73138	0.0172892	0.37719	-2.65118	0.21866	0.647241	-1.54502	0.206051	0.63858	-1.56597	0.736624	0.892702	-1.1202	0.427729	0.761653	-1.31293	1.57622	2.82249	1.5917	1
cg02965411	TSPAN8	0.266347	0.146644	0.544782	-1.8356	0.899973	1.05025	1.05025	0.253386	0.628105	-1.59209	0.361689	0.693821	-1.44129	0.0352685	0.384458	-2.60106	0.237154	0.617031	-1.62066	0.358097	1.44548	1.44548	0.568108	1.25225	1.25225	0.748887	1.13339	1.13339	1.57622	3.79433	2.13976	1
cg10864318	KPNA5	0.266350	0.350124	0.7247	-1.37988	0.940385	1.023357	-1.02357	0.94723	1.0245	1.0245	0.318155	0.685729	-1.4583	0.0147402	0.333737	-2.99651	0.154927	0.573153	-1.74473	0.521156	0.788562	-1.26813	0.487959	1.29388	1.29388	0.926596	1.03427	1.03427	1.57619	3.33754	1.88219	1
cg17180088	WSCD2	0.266358	0.148518	0.317123	-3.15335	0.89768	0.90906	-1.10004	0.865334	0.881799	-1.13404	0.733281	0.477294	-2.09514	0.179201	0.347347	-2.87897	0.363954	0.500868	-1.99653	0.0506537	0.191811	-5.21347	0.0298288	0.150391	-6.64935	0.6497	0.712581	-1.40335	1.57619	13.7105	7.73204	1
cg03649016	ZNF167;ZNF167	0.266361	0.923429	1.05557	1.05557	0.7248441	1.08776	1.08776	0.568824	1.1826	1.1826	0.059303	1.31262	1.31262	0.168902	1.28099	1.28099	0.0659764	3.19129	3.19129	0.210441	2.10098	2.10098	0.340788	1.99541	1.99541	0.215659	2.08153	2.08153	1.57617	9.00027	4.44538	1
cg13170147	PSMA5	0.266368	0.541673	1.31839	1.31839	0.0516709	2.69357	2.69357	0.233567	1.74854	1.74854	0.264961	1.68169	1.68169	0.178478	0.527512	-1.89569	0.57836	1.28556	1.28556	0.671075	0.826031	-1.21061	0.119046	2.13173	2.13173	0.843185	0.915197	-1.09266	1.57615	4.99702	2.81813	1
cg17840343	BTAF1	0.266372	0.0109098	0.28289	-3.54247	0.505756	0.765449	-1.30639	0.393794	0.948502	-1.05439	0.687443	0.852068	-1.17362	0.715706	1.15378	1.15378	0.598603	0.809423	-1.23545	0.757424	1.13047	1.13047	0.909407	1.04604	1.04604	0.801635	1.52744	1.52744	1.57614	3.91098	2.20566	1
cg13340481	PHF12;PHF12	0.266382	0.922007	1.01057	1.01057	0.659322	0.953487	-1.04878	0.0958303	1.12699	1.12699	0.702133	1.04212	1.04212	0.789139	0.971634	-1.02919	0.647214	1.05071	1.05071	0.353997	0.898842	-1.11254	0.210775	0.867999	-1.15207	0.04147	1.28714	1.28714	1.5761	0.28771	0.162262	1
cg13769223	JAM2;JAM2	0.266384	0.561406	0.910578	-1.0982	0.0463385	1.4392	1.4392	0.184054	1.25207	1.25207	0.276665	0.834851	-1.19782	0.14172	1.28666	1.28666	0.352314	0.858373	-1.16499	0.961347	0.992299	-1.00776	0.871804	0.974566	-1.0261	0.899995	0.980144	-1.02026	1.57609	0.635249	0.358269	1
cg06444891	TRAPPC9;TRAPPC9	0.266388	0.458044	1.23502	1.23502	0.0169997	1.62595	1.62595	0.0476206	1.42641	1.42641	0.294608	1.39093	1.39093	0.131085	0.718433	-1.39187	0.196525	1.95443	1.95443	0.431982	1.47906	1.47906	0.170046	2.09718	2.09718	0.0553807	1.33925	1.33925	1.57608	5.99982	3.38382	1
cg24087211	REPS1;REPS1	0.266389	0.151773	0.354645	-2.81972	0.903324	1.085489	1.085489	0.579804	0.685549	-1.45869	0.516229	0.641241	-1.55948	0.0829456	0.273614	-3.65479	0.551263	0.665669	-1.50225	0.0263383	0.168933	-5.91953	0.210156	0.410046	-2.43875	0.142511	0.345014	-2.89844	1.57608	14.1753	6.41556	1
cg16708275	SLCO5A1;SLCO5A1;SLCO5A1	0.266391	0.273526	1.27941	1.27941	0.775533	1.063777	1.063777	0.0936776	0.982992	-1.0173	0.919283	1.15171	1.15171	0.351785	0.960362	-1.04127	0.909321	0.974236	-1.02646	0.0216104	1.78097	1.78097	0.0429665	1.65788	1.65788	0.580375	1.128451	1.128451	1.57607	1.16712	0.658247	1
cg26206948	NKX2-5;NKX2-5;NKX2-5	0.266394	0.0234943	5.62176	5.62176	0.596389	0.711018	-1.40643	0.770703	1.20501	1.20501	0.729502	0.801313	-1.24795	0.941562	0.930725	-1.07489	0.37996	0.562873	-1.77636	0.524216	0.662433	-1.50959	0.101665	3.31728	3.31728	0.935352	0.949551	-1.05313	1.57606	10.1638	5.73231	1
cg01707820	KLHL20	0.266395	0.580967	0.780515	-1.2812	0.0199017	0.286735	-3.48754	0.22291	0.565942	-1.76697	0.855892	1.08416	1.08416	0.326548	0.637493	-1.56864	0.348785	0.651331	-1.53532	0.136246	0.489828	-2.04124	0.141165	0.465887	-2.14644	0.040415	0.967318	-1.03379	1.57606	4.93139	2.78128	1
cg18417375	TNXB;TNXB	0.266397	0.113092	0.376556	-2.65565	0.577114	0.726841	-1.37582	0.121996	0.880982	-1.25404	0.152299	0.491629	-2.03492	0.189094	0.526057	-1.90099	0.626212	1.1996	1.1996	0.129409	0.995408	-2.5204	0.0964538	0.355688	-2.81145	0.276884	0.527013	-1.89749	1.57605	0.41701	0.51599	1
cg12126991	RASSF4;RASSF4	0.266397	0.237982	1.62019	1.62019	0.279584	0.644794	-1.55088	0.933328	1.0332	1.0332	0.219194	0.60385	-1.65604	0.311	1.50562	1.50562	0.770044	1.891876	-1.12123	0.129986	0.52808	-1.89365	0.0896731	2.07589	2.07589	0.683234	1.17428	1.17428	1.57605	3.80403	2.14547	1
cg01446983	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP	0.266398	0.428074	1.32942	1.32942	0.475894	0.843291	-1.18583	0.857335	1.0412	1.0412	0.948457	1.01463	1.01463	0.294727	1.27657	1.27657	0.851084	0.95865	-1.04313	0.0416161	0.50884	-1.96525	0.464521	0.845971	-1.18207	0.528464	0.866322	-1.15431	1.57605	1.26026	0.710784	1
cg15057823	MEA1;KLHDC3	0.266402	0.949594	0.963347	-1.03805	0.960657	1.02917	1.02917	0.670393	1.27928	1.27928	0.795559	0.857815	-1.16575	0.291106	0.523575	-1.90994	?	?	?	0.0162442	0.176196	-5.67551	0.153907	0.405802	-2.46371	0.987411	0.990724	-1.00936	0.76319	7.75631	4.91157	1
cg19070138	TMEM132D	0.2664	0.521591	0.651759	-1.53431	0.935476	1.05481	1.05481	0.436565	1.68714	1.68714	0.590377	0.698998	-1.43062	0.462354	0.610769	-1.63728	0.503949	0.639602	-1.56347	0.025319	0.173392	-5.76729	0.0713875	0.265283	-3.76957	0.197338	0.407354	-2.45487	1.57604	10.8397	6.11361	1
cg28528310	ANXA13;ANXA13	0.266401	0.282778	1.3346	1.3346	0.2661889	1.215051	1.215051	0.127461	0.797272	1.08884	1.08884	0.215148	1.40134	1.40134	0.204422	1.44388	1.44388	1.44388	0.20951	2.04452	0.214384	2.04452	0.214384	1.38039	1.38039	0.3427	1.28764	1.28764	1.57603	1.66942	0.94156	1
cg25846076	KLHL25	0.266407	0.088839	0.246832	-4.05134	0.0343164	0.158745	-6.2994	0.121176	0.285735	-3.49974	0.589329	0.666146	-1.50117	0.166847	0.333323	-3.00009	0.321975	0.466412	-2.14403	0.0905422	0.249036	-4.01548	0.452144	0.540892	-1.84907	0.0425	0.946567	-1.77001	0.592253	0.668313	-1.49631	0.57601	1.57603	13.8698	7.82271	1
cg04540073	ZIC1;ZIC1	0.266411	0.497601	1.20168	1.20168	0.135549	1.750449	1.750449	0.143253	0.5656756	-1.76825	0.0792328	0.532786	-1.87641	0.0792328	0.562375	-1.77822	0.744239	-1.34272	0.268	0.268	0.268

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg11880265	PCDHB2	0.266764	0.574741	1.44	0.071889	3.615149	0.053729	4.02553	0.793872	0.849251	-1.12751	0.644438	0.741618	-1.3484	0.553805	0.666749	-1.49982	0.875267	0.903894	-1.10632	0.771874	1.205662	1.20562	0.0815326	0.346196	1.637478	10.3192	5.8247	
cg04181070	CASP1;CASP1;CASP1;CASP1;CASP1	0.266768	0.826055	0.907754	-1.10162	0.037063	0.344867	-2.89967	0.183036	0.537268	-1.86127	0.176465	0.531592	-1.88114	0.46174	1.15352	1.15352	0.222174	0.568838	-1.75797	0.075724	0.41964	-2.383	0.841342	1.09213	1.09213	0.312039	0.631366	-1.58387	1.57476	4.82246	2.72208	1
cg17208577	SLC29A2	0.266769	0.117426	0.670287	-1.4919	0.220975	0.738831	-1.35349	0.52433	0.16391	1.16391	0.299796	0.776634	-1.28761	0.6615637	0.609332	-1.64114	0.608117	0.885441	-1.12938	0.449005	0.834019	-1.19901	0.348782	1.25473	1.25473	0.343003	1.25837	1.25837	1.57476	1.38028	0.779113	1
cg04368809	WDR86	0.266771	0.246522	0.709061	-1.41032	0.490025	1.220112	1.220112	0.116767	0.558866	-1.51776	0.909373	0.568821	-1.03283	0.6539624	0.573537	-1.86023	0.366937	0.762724	-1.30142	0.122331	1.60812	1.60812	0.980725	0.500684	1.006848	0.890365	1.03991	1.03991	1.57475	2.00759	1.13321	1
cg07156474	DST;DST;DST;DST	0.266787	0.142228	0.682074	-1.46612	0.417308	1.22278	1.22278	0.67956	0.904174	-1.10598	0.463414	0.834434	-1.19842	0.368590	0.799348	-1.25102	0.379839	1.24418	1.24418	0.222376	1.36489	1.36489	0.062493	1.6627	1.6627	0.428441	1.2166	1.2166	1.5747	1.46685	0.828012	1
cg09398185	IFIT2	0.266788	0.17958	0.700329	-1.42851	0.133967	0.6674	-1.49835	0.174326	1.43533	1.43533	0.71056	0.910955	-1.09775	0.243035	1.3575	1.3575	0.818803	1.05909	1.05909	0.325228	0.775571	-1.28937	0.167942	1.44436	1.44436	0.536326	1.16961	1.16961	1.57469	1.56112	0.881224	1
cg11584813	SLC38A4;SLC38A4	0.26679	0.349062	0.703726	-1.42101	0.36671	0.713197	-1.40214	0.491291	0.775069	-1.29021	0.957687	0.980847	-1.01953	0.214741	0.621242	-1.60968	0.782693	0.490168	-2.04012	0.196168	0.607637	-1.64572	0.0902498	1.97482	1.97482	0.665972	1.71552	1.71552	1.57469	3.31329	1.87031	1
cg17674546	NCRNA00182;MIR574A;MIR545	0.266795	0.0103398	0.574236	-8.31499	0.042768	0.633706	-1.57902	0.223164	0.451998	-2.21442	0.188823	0.401348	-2.49356	0.912981	0.930823	-1.07431	0.872299	0.903648	-1.10563	0.079531	1.016197	1.01697	0.957833	0.909921	-1.09528	0.376504	0.551214	-1.81418	1.57467	10.724	6.0536	1
cg17103051	CDP53	0.266795	0.562977	0.830079	-1.2047	0.234081	0.672117	-1.48772	0.638574	1.1626	1.1626	0.896736	0.959443	-1.04222	0.852512	1.06106	1.06106	0.173697	0.636094	-1.58556	0.0708065	1.90194	1.90194	0.96854	1.14702	1.14702	0.0863811	1.82897	1.82897	1.57467	2.52918	1.42771	1
cg13430745	MCARTS;ZCCHC18;ZCCHC18;ZCCHC18;ZCCHC18	0.266796	0.0408747	0.10567	-9.46341	0.0755258	0.151991	-6.57933	0.736026	1.38015	1.38015	0.658805	1.52675	1.52675	0.506623	0.526445	-1.89953	0.23971	0.309654	-3.22941	0.384833	2.33595	2.33595	0.788987	1.29101	1.29101	0.670366	1.50336	1.50336	1.57467	22.6129	12.7648	1
cg22662233	ZNF708	0.266799	0.766637	1.07011	1.07011	0.715721	0.920095	-1.08684	0.152897	1.41702	1.41702	0.717663	1.08619	1.08619	0.052512	1.65198	1.65198	0.271549	1.29773	1.29773	0.0364993	1.75321	1.75321	0.206834	1.35409	1.35409	0.543344	1.15035	1.15035	1.57466	1.29292	0.729985	1
cg26079416	KLF5	0.266805	0.814565	0.970124	-1.02985	0.791275	0.924409	-1.03569	0.250682	0.860762	-1.16176	0.284103	0.870234	-1.14914	0.44994	1.10095	1.10095	0.44981	0.917237	-1.09023	0.0127189	0.629153	-1.47221	0.0804479	1.90206	1.90206	0.609134	1.04071	1.04071	1.57463	0.389154	0.219681	1
cg27435660	FBXO18;FBXO18	0.266808	0.709197	0.915851	-1.09188	0.492851	0.849232	-1.17254	0.61	1.12064	1.12064	0.10349	0.658478	-1.51865	0.134051	1.52675	1.52675	0.0785141	0.632202	-1.58177	0.682392	1.10135	1.10135	0.388012	1.29542	1.29542	0.179382	0.715593	-1.39744	1.57462	1.37306	0.775106	1
cg13781096	SSX3;SSX3	0.266809	0.194425	0.421721	-2.37123	0.765095	0.822822	-1.20741	0.63191	0.738179	-1.35469	0.711225	0.399894	-2.50066	0.0952138	0.315666	-3.16691	0.483202	1.5655	1.5655	0.642297	0.745116	-1.34207	0.028652	0.197167	-5.07183	0.266706	0.482948	-2.07062	1.57462	9.86586	5.56938	1
cg26150922	LONRF2	0.266814	0.230704	0.562649	-2.75749	0.61725	0.65655	-1.50154	0.208797	0.535275	1.87325	0.330473	0.275275	-3.63479	0.0204673	0.375466	-2.66734	0.675884	0.800389	-1.24988	0.4288	0.630817	0.676516	-1.47794	0.118808	0.255144	-3.91936	0.349053	0.736127	1.57462	0.636817	0.183225	1
cg21553380	AM22;AM22;AM22;AM22;AM22;AM22	0.266815	0.0783341	1.60382	1.60382	0.878845	0.963825	-1.03753	0.493289	0.845306	-1.183	0.0534729	0.588719	-1.6986	0.633803	0.890233	-1.1233	0.688999	1.10205	1.10205	0.542512	0.861647	-1.16053	0.127466	0.671591	-1.489	0.683717	0.905799	-1.104	1.5746	1.45504	0.821395	1
cg27505880	COX15;CUTC;COX15	0.266819	0.12706	0.586828	-1.70408	0.730693	0.894395	-1.11807	0.596772	1.48024	1.48024	0.112923	0.965284	-1.03596	0.227228	1.44054	1.44054	0.912923	0.965284	-1.03596	0.227228	1.48202	1.48202	0.183854	0.0891318	0.545766	-1.83229	0.141286	0.601289	-1.66309	0.0967488	0.554934	-1.80201	0.933058	1.02751	1.02751	1.57459	2.6019	1.46883	1
cg10211019	ZNF790	0.266823	0.843904	0.968233	-1.03281	0.533099	1.10891	1.10891	0.098455	1.34548	1.34548	0.471714	1.12736	1.12736	0.399286	1.15178	1.15178	0.369421	1.16294	1.16294	0.241631	0.818153	-1.22227	0.0591716	0.705481	-1.41747	0.702749	0.939143	-1.0648	1.57457	0.668733	0.377518	1
cg12249738	CA12;CA12	0.266827	0.198673	0.457457	-2.2934	0.328408	0.62377	-1.60255	0.731	0.693221	1.68525	0.185225	0.468468	-2.13431	0.131016	0.515059	-1.94162	0.160142	0.400854	-2.49494	0.0275915	0.205226	4.87268	0.19151	0.430094	-2.32183	0.283803	0.50747	-1.97056	1.57456	9.25399	5.22417	1
cg13502686	ATN1;L1	0.266832	0.234647	1.52668	1.52668	0.0384942	0.442968	-2.2575	0.670349	0.864656	-1.15653	0.203058	0.633591	-1.57831	0.117131	0.560968	-1.78263	0.182901	0.61878	-1.61608	0.692395	0.873678	-1.14459	0.537746	0.809035	-1.23604	0.403283	0.747908	-1.33706	1.57454	2.87644	1.62386	1
cg09322933	LOC642587;MIR205	0.266833	0.988371	0.98218	-1.01818	0.270162	0.944189	1.05868	0.0955	1.25667	-1.25667	0.0180477	0.870056	-1.14935	0.0725744	0.870556	-1.14877	0.232163	0.98574	-1.01435	0.885303	0.602124	-1.66027	0.0214377	0.232163	1.38516	0.377613	1.32653	1.21109	1.57453	1.36178	1.34758	1.45504	1
cg24225668	SLC22A2;SLC22A2	0.266836	0.881576	0.940652	-1.06309	0.315145	1.53157	1.53157	0.0368334	2.70539	2.70539	0.767725	0.885539	-1.12926	0.317273	0.654229	-1.52852	0.105482	2.06655	2.06655	0.16886	1.82575	1.82575	0.44868	1.37284	1.37284	0.950731	1.02569	1.02569	1.57453	4.20058	2.37141	1
cg07703277	STX3S	0.266838	0.774231	0.956293	-1.04571	0.0215032	1.515933	1.515933	0.80528	0.962413	-1.03905	0.411624	1.13935	1.13935	0.872151	1.02534	1.02534	0.410747	0.877471	-1.13964	0.197418	0.809184	-1.23585	0.81984	1.14685	1.14685	0.477023	1.11891	1.11891	1.57452	0.602157	0.339945	1
cg11878319	PPP1R13B;PPP1R13B	0.266838	0.142083	0.731841	-1.3678	0.0945135	0.513558	1.33	0.183588	1.1033	1.1033	0.515441	0.130773	-7.64705	0.0178504	0.794184	-1.25934	0.130773	1.13204	1.13204	0.155441	1.35184	1.35184	0.0817754	0.130773	1.13204	0.155441	1.35184	1.35184	1.57452	1.08787	-1.01139	0.903216	0.978726	1.02215	1.02215	1.57452	0.779216	0.439903	1
cg04781080	CORO2B	0.266843	0.367902	0.602529	-1.65967	0.0241247	0.36264	-4.36264	0.244499	1.94822	1.94822	0.868781	1.0948	1.0948	0.289301	0.547442	-1.82668	0.752338	0.840735	-1.18944	0.364265	1.66644	1.66644	0.510803	1.44103	1.44103	0.644649	0.775387	-1.28968	1.5745	7.48217	4.22407	1
cg14498402	COMTD1	0.26885	0.59888	0.929481	-1.07585	0.519713	1.063	1.063	0.96	1.00884	1.00884	0.50576	0.991545	-1.00866	0.913405	1.09504	1.09504	0.503004	0.910554	-1.09854	0.487526	1.09911	1.09911	0.0133866	0.514153	-1.94509	0.0133866	0.514153	-1.5126	0.529407	0.647204	0.252473	1
cg14035796	RSPH3	0.26885	0.45373	1.1948	1.1948	0.263106	0.762006	-1.31233	0.698844	1.0949	1.0949	0.947065	0.984809	-1.01543	0.370579	0.807015	-1.23913	0.680896	0.908075	-1.10123	0.0265764	0.541738	-1.84591	0.107023	0.663454	-1.50726	0.551184	1.15098	1.15098	1.57448	1.35606	0.765577	1
cg14694744	XRP1	0.266853	0.260243	0.46929	-2.13088	0.895687	1.08818	1.08818	0.541257	0.671378	-1.48947	0.111665	0.327537	-3.05309	0.166155	0.386256	-2.58896	0.567927	0.689435	-1.45046	0.0194786	0.162129	-6.16794	0.935928	0.949522	-1.05316	0.181973	0.401444	-2.49101	1.57447	10.3495	5.84298	1
cg08464467	IL1RAPL1;RRP8;LK	0.266853	0.61	0.957183	-1.04434	0.736215	1.61372	1.61372	0.0154018	2.18326	2.18326	0.0163116	0.503005	1.99104	0.0091551	2.09551	2.09551	0.503005	1.11586	0.443496	0.0913511	2.03216	2.03216	0.0013728	0.503005	1.11746	0.443496	0.0913511

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg01442200	ST424;ST4;C4	0.267211	0.305496	0.352508	-2.83682	0.0944095	0.09071	0.090371	0.365311	2.47454	2.47454	0.748272	2.729239	-1.37129	0.331342	0.37347	-2.67759	0.583625	0.580462	-1.72277	0.0491419	0.110038	0.08774	0.857203	0.837784	-1.91563	0.381562	0.41399	-2.41552	1.57323	24.8611	13.5947	1
cg12211285	NPAS1	0.267211	0.571983	0.913241	-1.095	0.85649	1.02919	1.029119	0.0150857	1.60741	1.607484	0.682886	1.06745	1.067545	0.42158	1.13937	1.13937	0.216688	0.813359	-1.22947	0.6515657	0.930302	-1.07492	0.79833	1.04153	0.54961	1.10099	1.10099	1.57323	0.62927	0.355543	1
cg21418364	KCTD3	0.267214	0.185278	1.55228	1.55228	0.569443	1.19718	1.19718	0.241982	0.681583	-1.46737	0.174312	1.57199	1.57199	0.404894	1.30573	1.30573	0.224141	1.49142	1.49142	0.559783	0.831446	-1.20272	0.165858	0.62961	-1.58813	0.279737	0.703462	-1.42154	1.57322	2.44134	1.37939	1
cg09348605	DUPD1	0.267215	0.148837	0.491482	-2.03466	0.0125172	0.362987	-2.75492	0.184917	0.524618	-1.90615	0.285907	0.601416	-1.66274	0.0343608	0.322281	-3.10284	0.193103	0.515393	-1.88126	0.262574	0.585138	-1.709	0.416204	0.683019	-1.46409	0.676859	0.825073	-1.21201	0.57321	5.24452	2.96323	1
cg10239563	TMEM222	0.267222	0.478521	1.43245	1.43245	0.158829	2.11956	2.11956	0.147773	2.16973	2.16973	0.164134	0.509082	1.39667	0.133345	0.1157	0.426167	-2.3465	0.509082	1.39667	0.490585	0.705196	-1.41805	0.0863356	0.56844	2.56844	0.850233	0.910021	-1.09888	1.57319	0.619808	3.50262	1
cg01632641	THRA;THRA	0.267224	0.654837	1.05038	1.05038	0.450035	0.919365	-1.08771	0.198826	1.15996	1.15996	0.584113	0.941407	-1.06224	0.156929	1.17982	1.17982	0.655795	1.05022	1.05022	0.0385173	0.760639	-1.29931	0.515988	0.74049	-1.35069	0.170679	0.705479	1.57319	0.297266	0.167962	1
cg05857377	NAV2;NAV2;NAV2	0.267224	0.134468	0.520474	-1.92132	0.569917	1.26156	1.26156	0.292091	1.5563	1.5563	0.796328	1.11031	1.11033	0.199991	0.578204	-1.72949	0.364349	0.685792	-1.45817	0.0963525	0.477698	-2.09337	0.25398	1.61934	1.61934	0.320246	0.659955	-1.51525	1.57319	4.0795	2.30502	1
cg12048331	WDR82	0.267225	0.153584	0.538837	-1.85585	0.659954	1.19624	1.19624	0.404991	0.708152	-1.41179	0.872941	0.937282	-1.06691	0.566551	1.26415	1.26415	0.664931	0.432227	-2.3136	0.2760896	0.628822	-1.59026	0.470063	1.34637	1.34637	0.0562272	0.434381	-2.30213	1.57318	4.08073	2.30571	1
cg09789299	ZC3H13	0.267228	0.37477	0.433506	-2.30677	0.0191248	0.07414445	-1.4872	0.0426285	0.117298	-6.15272	0.996206	0.995647	-1.00437	0.760392	0.755296	-1.32398	0.447259	0.491299	-2.03542	0.845123	0.835736	-1.19655	0.769257	0.763462	-1.30982	0.924142	1.09131	1.09131	1.57317	0.97444	11.8312	1
cg02526439	MMP16	0.267228	0.0520341	2.71222	2.71222	0.572844	0.773121	-1.29331	0.68061	1.20544	1.20544	0.444859	1.42132	1.42132	0.605272	1.26536	1.26536	0.263172	1.69313	1.69313	0.0436082	2.84989	2.84989	0.139141	2.05152	2.05152	0.215259	1.80187	1.80187	1.57317	5.07719	2.86876	1
cg17009731	BAT2	0.267228	0.783258	1.07302	-1.14592	0.134716	2.21795	2.21795	0.0959961	2.46751	2.46751	0.880561	1.09073	1.09073	0.0562814	0.797774	-1.25393	0.538138	0.734985	-1.36072	0.167562	0.915081	-1.0928	0.364752	1.58413	1.58413	0.861676	0.917458	-1.08997	1.57314	6.07924	3.43502	1
cg18207410	USP35	0.267229	0.421073	0.801465	-1.24771	0.28859	1.34532	1.34532	0.367924	1.28277	1.28277	0.638784	1.18338	1.18338	0.377704	1.25798	1.25798	0.240671	0.718383	-1.39201	0.0684069	0.577326	-1.73212	0.293275	1.34119	1.34119	0.270381	1.36207	1.36207	1.57314	1.80636	1.02067	1
cg05763950	SLC30A1	0.267234	0.470135	0.796936	-1.33145	0.324454	1.48963	1.48963	0.764851	1.08843	1.08843	-1.12469	0.867579	1.06754	1.00675	0.255015	0.624937	-1.60103	0.295294	0.653728	-1.52969	0.818695	0.890229	-1.5626	0.0729519	0.452758	-2.20868	0.946081	0.683847	-1.46231	1.57313	3.82152	2.15933	1
cg06502075	MSLNL;MIR662	0.267242	0.620751	0.635238	-1.57421	0.278876	2.78512	2.78512	0.0417819	0.910376	-1.09845	0.552656	0.578977	-1.72718	0.0268083	0.0910572	-10.8746	0.249167	0.334275	-2.99155	0.0974085	0.191133	-5.23195	0.781268	0.779285	-1.28819	0.302175	0.378158	-2.6444	1.57313	20.6215	11.5521	1
cg08647958	PDZD8	0.267245	0.693197	0.59321	1.05321	0.24201	1.17444	1.17444	0.153289	1.22194	1.22194	0.822367	0.971027	-1.02984	0.178016	1.21009	1.21009	0.215972	1.18562	1.18562	0.133529	0.809285	-1.23586	0.389082	1.12234	1.12234	0.247627	0.853808	-1.17122	1.57311	0.425958	0.240688	1
cg07141702	ZNF576;ZNF576;ZNF576;IRGQ	0.267245	0.734825	0.936446	-1.06797	0.629937	1.010496	-1.0083	0.658522	1.03504	1.03504	0.382473	1.041145	1.041145	1.028886	1.052585	1.052585	0.441301	1.8593	-1.16374	0.799612	0.952057	-1.05036	0.483786	1.14734	1.14734	0.0195586	1.7976	1.7976	1.57319	0.929447	0.525185	1
cg23558473	RC3H2;RC3H2	0.267246	0.191888	1.21898	1.21898	0.823	0.968397	-1.03263	0.671068	0.940607	-1.06134	0.166124	1.23573	1.23573	0.38522	1.1361	1.1361	0.18205	1.2251	1.2251	0.0735246	0.751273	-1.33107	0.293392	1.16909	1.16909	0.380273	1.13769	1.13769	1.57311	0.511866	0.289231	1
cg04408155	RFWD3	0.267251	0.192008	0.843785	-1.84235	0.17551	0.936582	-1.8915	0.149681	0.504894	-1.98061	0.418897	0.691042	-1.44709	0.227986	0.571204	-1.75069	0.0385086	0.34623	-2.88825	0.0478624	0.172589	-5.37739	0.877066	1.07899	1.07899	0.0629796	0.395661	-2.52741	1.57309	4.8771	2.75584	1
cg17859393	SVIL;SVIL	0.267257	0.590704	0.944653	1.06003	0.513192	1.949377	-1.17733	0.559682	0.904372	-1.10574	0.821224	1.02445	1.02445	0.902	1.01271	1.01271	0.149894	1.17911	1.17911	0.114967	1.20074	1.20074	0.146139	0.84661	-1.18158	0.373553	0.907109	-1.1024	1.57307	0.288806	0.160369	1
cg01002167	PGRMC1	0.267259	0.175685	0.301846	-3.31294	0.759595	0.774658	-1.29089	0.889778	1.12227	1.12227	0.0854101	4.86391	4.86391	0.0921331	4.6752	4.6752	0.146712	0.273694	-3.65371	0.866981	0.869833	-1.14965	0.571032	1.61006	1.61006	0.981102	0.980489	-1.0199	1.57306	17.2411	9.74238	1
cg11804833	PTRF;PTRF	0.267262	0.99969	1.00006	-1.00006	0.132621	1.36423	1.36423	0.588905	1.08185	1.08185	0.19633	1.22178	1.22178	0.934369	0.986398	1.01379	0.827804	1.03192	1.03192	0.0249967	0.976594	-1.47125	0.950167	1.00906	1.00906	0.956936	1.00782	1.00782	1.57303	0.518244	0.292851	1
cg06802147	DOC2A	0.267277	0.750887	1.27952	1.27952	0.468116	1.7706	1.7706	0.377175	0.210635	0.210635	0.757522	1.27082	1.27082	0.01841	0.109353	-9.14474	0.608352	1.4918	1.4918	0.312323	2.24631	2.24631	0.58261	0.650807	-1.53655	0.432069	1.8599	1.8599	1.573	14.9207	8.43152	1
cg07050869	SNORD115-7	0.267277	0.0607434	0.221123	4.52237	0.270435	0.484453	1.82989	0.0614265	0.134409	3.43489	0.0462406	0.763824	-1.31009	0.0469468	0.731554	-1.36695	0.174223	0.356398	-2.80597	0.0407168	0.137829	-7.25267	0.401029	-2.49242	0.32542	0.0426426	0.305228	-3.27424	1.57302	0.822736	0.172345	1
cg21844005	ADCYAP1R1	0.267278	0.671585	0.837831	-1.19356	0.404757	1.42432	1.42432	0.248629	1.64931	1.64931	0.381917	1.45072	1.45072	0.054206	0.403928	2.47569	0.785434	0.892953	-1.11988	0.6087338	0.807184	-1.23888	0.162501	1.85644	1.85644	0.246961	0.605148	1.65249	1.573	4.28853	2.42342	1
cg22348578	MSI2;MSI2	0.267281	0.450488	1.31853	1.31853	0.588675	1.21695	1.21695	0.332832	0.698186	-1.43228	0.1245	1.81874	1.81874	0.0136103	0.598969	-1.56282	0.275153	1.50426	1.50426	0.0242098	2.799	2.799	0.0791052	-1.26414	0.104409	1.89341	1.89341	0.306957	0.683617	-1.46281	1.57299	3.22209	1.82079	1
cg05099611	PKD2	0.267291	0.629451	1.23163	1.23163	0.0766857	1.04944	1.04944	0.0183583	0.620464	1.61258	0.0422409	0.735264	1.24099	0.0276418	0.735264	1.36006	0.441351	1.8593	-1.16374	0.799612	0.952057	-1.05036	0.483786	1.14734	1.14734	0.0195586	1.7976	1.7976	1.57299	0.929447	0.525185	1
cg26301690	ELAVL4;ELAVL4;ELAVL4	0.267283	0.289407	0.582167	-1.71772	0.034671	0.297748	-3.35854	0.0481939	0.32929	-3.03684	0.782839	0.872907	-1.1456	0.134336	0.451894	2.21291	0.523455	0.726947	-1.37562	0.399918	0.654471	-1.52795	0.701935	0.82764	-1.20826	0.633804	1.26631	1.26631	1.57298	0.622863	0.340733	1
cg01408515	RALGDS	0.267284	0.182407	0.818328	-1.22109	0.231283	1.47451	1.47451	0.402834	0.704894	-1.41963	0.0410442	0.998637	0.998637	0.0498407	0.706242	-1.41425	0.981041	1.00337	1.00337	0.0964957	1.41134	1.41134	0.0435628	0.644323	-1.18005	0.691835	1.0578	1.0578	1.57298	0.500297	0.282717	1
cg02871827	AFAP1;AFAP1	0.267285	0.1148	0.30101	-3.32214	0.522482	1.57426	1.57426	0.196545	2.60122	2.60122	0.787722	0.827827	-1.20798	0.0474199	0.204376	4.89294	0.868414	1.12309	1.12309	0.331187	0.495629	-2.01764	0.644576	0.724235	-1.38432	0.23476	0.418147	2.3915	1.57298	12.2105	6.90017	1
cg02156225	SHMT1;SHMT1	0.267289	0.0899458	0.325842	-3.06897	0.554259	0.698445	-1.43175	0.816453	0.8698011	-1.14969	0.666851	0.771079	-1.29688	0.0144099	0.163752	-6.10678	0.173243	0.419199	-2.3855	0.408547	0.602215	-1.66054	0.391158	0.5903	-1.69405	0.282288	0.511543	-1.95487	1.57296	8.96694	5.06727	1
cg22999536	DPY2C;C10orf108;C10orf108	0.267292	0.114468	0.870842	-1.14862	0.08208	0.15306	-6.49476	-1.85922	0.217632	0.217632	0.218881	0.68952	0.405528	0.0222154	0.592772	-1.68743	0.228869	0.722234	1.38444	0.0129787	0.377573	-2.64663	0.167295	0.48724	-2.05281	0.0756315	0.789494	-2.26663	1.57295	4.60124	2.30183	1
cg26682580	TMEM132C	0.267295	0.209955	0.791288	-1.26376	0.0334666	0.643899	-1.55304	0.927394	1.01628	1.01628	0.639312	1.08723	1.08723	0.410811	1.160659	1.16069	0.269127	1.26219	1.26219	0.423024	1.15603	1.15603	0.90481	1.02142	1.02142	0.303743	1.20771	1.20771	1.57294	0.782029	0.441934	1
cg21203109	KANK2	0.267295	0.502172	0.790474	-1.26539	0.0776161	0.446089	-1.58144	0.140127	0.397139	-2.51801	0.431296	0.626688	-1.59569	0.295205	0.531824	-1.88012	0.182681	0.23767	-4.20671	0.0196954	0.0973156	-10.2734	0.0466962	0.0.0.0	-4.19188	0.0156379	0.0.0.0	-5.54352	0.934597	0.953089	-1.04922	0.52373	8.41111	4.76517	1
cg18672602	LOC220729	0.267296	0.246038	0.861539	-1.16071	0.58881	0.935154	-1.06934	0.108201	1.24022	1.24022	0.514834	0.922068	-1.08452	0.343729	1.12729	1.12729	0.241611	0.902938	-1.1075	0.703813	1.04804	1.04804	0.391701	1.11383	1.11383	0.0579418	1.30124	1.30124	1.57294	0.375945	0.212452	1
cg12922289	TAF11	0.267297	0.446528	1.48736	1.48736	0.157638	0.461575	-2.1665	0.747187	0.847477	-1.17997	0.658404	1.25567	1.25567	0.0595901	0.336938	-2.96791	0.107426	0.40696	-2.45724	0.197653	0.498193	-2.00725	0.853075	0.9095	-1.09951	0.140034	0.443796	-2.25329	1.57294	6.52217	3.68578	1
cg12029507	RNF216L;RNF216L;RNF216L	0.267301	0.246844	0.699256	-1.42999	0.0824164	1.12514	1.12514	0.545874	1.14938	1.14938	0.364994	1.00512	1.00512	0.0179946	0.775919	-1.28602	0.0459807	0.53887	-1.85542	0.270698	0.677503	-1.47611	0.255163	0.82654	-1.21133	0.515923	0.909853	-1.09908	0.183186	1.22452	1.57292	0.514401	0.289568	1
cg17405145	SH3BGRL;SH3BGRL;HMGN5	0.267309	0.0174741	0.260745	-3.83517	0.173135	0.513476	-1.94751	0.708159	0.839686	-1.19092	0.585182	0.774055	-1.2919	0.202652	0.535274	1.8682	0.93506	1.03859	1.03859	0.845335	0.913246	-1.09499	0.362423	1.54491	1.54491	0.364932	0.648837	-1.54122	1.57289	5.37851	3.03956	1
cg18636441	PPAPDC3;PPAPDC3	0.267312	0.979726	1.00274	-1.00274	0.0222	0.21145	1.39092	0.139558	0.533881	-1.94508	0.813836	0.406439	-1.08216	0.0268437	0.978986	1.02265	0.663727	0.74063	-1.35026	0.0178995	0.224637	0.780913	-1.28055	0.656152	1.53404	1.53404	0.0178995	0.224637	0.780913	-1.28055	0.656152	1.53404
cg08224569	GPR20	0.267314	0.493447	1.38391	1.83391	0.685102	0.780262	-1.28162	0.0393614	0.234397	-4.26627	0.839977	0.884215	-1.13095	0.193175	0.432536	-2.31195	0.150958	0.391906	-2.55164	0.317269	0.533018	-1.87611	0.373643	1.74339	1.74339	0.359178	0.559386	-1.78767	1.57287	1.22747	5.21478	1
cg17891820	KIT;KIT	0.267332	0.70097	0.92425	-1.08196	0.781933	1.05828	1.05828	0.776894	1.05971	1.05971	0.639613	0.908212	-1.10106	0.0401544	0.616255	-1.6227	0.0893684	0.682225	-1.46579	0.0827064	0.675493	-1.4804	0.576866	0.891297	-1.12196	0.482249	1.15697	1.15697	1.57281	1.03819	0.58674	1
cg16341979	IFI27;IFI27	0.267335	0.182407	0.818328	-1.22109	0.231283	1.47451	1.47451	0.402834	0.704894	-1.41963	0.0410442	0.998637	0.998637	0.0498407	0.706242	-1.41425	0.981041	1.00337	1.00337	0.0964957	1.41134	1.41134	0.0435628	0.644323	-1.18005	0.691835	1.0578	1.0578	1.57298	0.500297	0.282717	1
cg03864481	UBE2E1;UBE2E1	0.267334	0.502508	1.14593	1.11459	0.186601	1.25206	1.25206	0.789189	1.10483	1.10483	0.704365	0.934601	0.987459	-1.0127	0.936912	0.987459	0.242916	1.44966	1.44966	0.233492	0.82096	-1.21793	0.0721713	1.37874	1.37874	0.431257	1.1362	1.1362	1.57281	0.633069	0.357785	1
cg08435812	MED31	0.267338	0.274507	0.795903	-1.25624	0.0859158	0.923159	-1.08335	0.0193727	0.1518	1.18508	0.0.0.0	0.162752	-1.24099	0.0.0.0	0.162752	-6.14478	0.923916	0.98706	-1.01308	0.732906	0.760487	-1.31484	0.160646	0.23727	-4.21444	0.0.0.0	0.23727	-4.21444	0.0.0.0	1.57279	0.929447	0.525185	1
cg08334780	HARB1	0.267337	0.178205	1.53223	1.53223	0.663817	0.876961	-1.1403	0.614903	0.859575	-1.16337	0.510597	1.22026	1.22026	0.44698	1.26012	1.26012	0.0220715	0.440923	-2.26797	0.895808	1.03986	1.03986	0.681638	0.884227	-1.13093	0.346671	0.748957	-1.33519	1.5728	2.21651	1.2527	1
cg01463153	ZNF629	0.267341	0.490419	0.914949	-1.09329	0.703603	0.988911	-1.11978	0.752815	1.09837	1.09837	0.0651798	0.544227	-1.83767	0.0148801	0.614889	-1.62645	0.980681	1.02054	1.02054	0.0148801	0.614889	-1.62645	0.980681	1.02054	1.02054	0.0148801	0.614889	-1.62645	0.980681	1.02054	1.02054	0.0148801
cg25310676	PCX14	0.267342	0.0715777	0.323829	-3.08805	0.607722	1.33665	1.33665	0.876728	1.09088	1.09088	0.664498	0.312267	-3.20239	0.0784499	0.328931	-3.04015	0.38607	1.60768	-1.64636	0.355564	0.587091	-1.70313	0.179707	0.449968	-2.22238	0.261113	0.518509	-1.92861	1.57276	7.82307	4.42141	1
cg06211877	SLC38A10;SLC38A10;SLC38A10;SLC38A10	0.267351	0.633933	1.06961	1.06961	0.576815	0.923969	-1.08229	0.386755	0.882987	-1.13252	0.559463	1.08631	1.08631	0.0860047	0.766357	-1.30487	0.865385	1.02408	1.02408	0.044038	0.722846	-1.38342	0.302569	1.1616	1.1616	0.469235	1.1088	1.1088	1.57275	0.490063	0.276975	1
cg00909976	SLC35B1	0.267353	0.51568	1.10935	1.10935	0.729579	0.94683	-1.05616	0.180724	1.25077	1.25077	0.193871	1.25214	1.25214	0.330794	0.853859	-1.17115	0.126155	1.29761	1.29761	0.264307	0.832615	-1.20104	0.767772	0.954449	-1.04772	0.106453	1.31988	1.31988	1.57274	0.61743	0.348062	1
cg14261098	BCOR;BCOR;BCOR;BCOR	0.267356	0.735145	0.837101	-1.19476	0.370161	0.446089	-2.24171	0.140127	0.397139	-2.51801	0.431296	0.626688	-1.59569	0.295205	0.531824	-1.88012	0.182681	1.23767	1.23767	0.196297	0.446738	-2.23845	0.0597589	0.282237	-3.54352	0.934597	0.953089	-1.04922	1.57273	8.41111	4.76517	1
cg25829104	DERA;DERA	0.267360	0.586802	0.823785	-1.20223	0.758483	0.901759	-1.10894	0.417264	0.871446	-1.14745	0.600589	0.919397	-1.08743	0.144245	0.600589	1.19397	0.119397	0.215868	1.16126	1.31176	0.161626	0.0930908	0.533428	-1.87463	0.0810453	1.93252	1.93252	0.0786302	1.94537	1.94537	1.62526	2.83027	1.35444	1
cg10491541	JAKMIP3	0.267367	0.612115	1.54428	1.54428	0.175726	1.65522	1.65522	0.0451993	1.72043	1.72043	0.70479	0.335245	1.32682	0.232682	0.897362	0.896123	-1.11592	0.697249	1.3941	1.3941	0.557119	1.67598	1.67598	0.892007	1.12237	1.12237	1.57269	1.72237	0.17896	10.1677	1
cg16505204	THRSP	0.267369	0.932286	0.974599	-1.02613	0.0.0.0	0.0.0.0	1.58497	0.0.0.0	0.0.0.0	1.57589	0.0.0.0	0.0.0.0	1.57589	0.0.0.0	0.0.0.0	1.57589	0.0.0.0	0.477414	2.11233	0.188817	1.32015	1.32015	0.0.0.0	0.645762	1.6142	1.6142	0.650186	0.623542	1.60374	1.57268	0.6246	0.3944	1
cg06730286	IFT140	0.267375	0.581849	0.832706	-1.2009	0.0812997	0.32783	-3.05036	0.751523	0.900721	-1.11022	0.814404	1.08048	1.08048	0.888747	1.04715	1.04715	0.626132	0.850774	-1.1754	0.428504	0.766392	-1.30482	0.857654	1.06088	1.06088	0.306997	0.706028	-1.41637	1.57267	2.69868	1.52532	1
cg11338049	DHRS9;DHRS9	0.267375	0.910498	0.978266	-1.02232	0.2145	1.29092	1.29092	0.355338	0.830445	-1.20417	0.109402	1.49048	1.49048	0.0.0.0	0.670495	1.07558	0.672627	0.92833	-1.07727	0.92833	1.07727	0.92833	-1.07727	0.92833	1.07727	0.92833	-1.07727	0.92833	1.07727	0.92833	-1.07727	0.92833
cg12606396	PCDH17	0.267381	0.414489	1.1445	1.13445	0.319052	0.146265	1.46265	0.421416	1.13225	1.13225	0.38165	1.14533	1.14533	0.275373	1.18703	1.18703	0.16839	0.800934	-1.24854	0.305186	1.17418	1.17418	0.387857	1.00306	1.00306	0.212473	1.21969	1.21969	1.57264	0.569645	0.321974	1
cg18469159	RPTOR;RPTOR	0.267386	0.0558437	0.109543	-9.12887	0.672803	1.54278	1.54278	0.427562	1.28611	1.28611	0.973093	0.966156	-1.03503	0.0364527	0.0835831	-11.9641	0.375754	1.17318	1.17318	0.599792	0.582486	-1.71678	0.445247	0.45188	-2.21298	0.248938	0.292249	-3.42174	1.57263	25.9529	14.6692	1
cg12244665	FZD6;FZD6;FZD6	0.267388	0.401378	0.748403	-1.33606	0.231283	1.47451	1.47451	0.402834	0.704894	-1.41963	0.0410442	0.998637	0.998637	0.0498407	0.706242	-1.41425	0.981041	1.00337	1.00337	0.0964957	1.41134	1.41134	0.0435628	0.644323	-1.18005	0.691835	1.0578	1.0578	1.57263	0.500297	0.282717	1
cg16746576	OSR2;OSR2	0.267389	0.425052	0.678046	-1.47483	0.162857	0.491386	-2.03506	0.283787	1.70085	1.70085	0.772047	0.870622	-1.1486	0.845716	0.911266	-1.09737	0.303811	0.601712	-1.66192	0.858692	0.918512	-1.08872	0.0366503	0.183382	3.18382	0.424256	0.547285	1.47585	1.57262	5.16064	3.20268	1
cg09395195	EVI2A;EVI2A;NF1;NF1	0.267391	0.204004	0.846456	-1.18126	0.0182792	0.152331	1.56856	0.112355	0.521103	1.31426	0.560063	1.44407	1.44407	0.530936	0.658756	-1.51795	0.905168	0.646406	-1.54647	0.324508	0.578416	-1.72886	0.0815716	0.760863	-1.31483	0.0.0.0	0.760863	-1.31483	0.0.0.0	1.57255	0.280023	0.158201	1
cg16324306	BTBD7;BTBD7	0.267401	0.369366	0.658624	-1.51832	0.342631	0.642184	-1.55719	0.45916	0.710764	-1.40694	0.244151	0.575827	-1.73663	0.0829764	0.419141	-2.38583	0.882783	1.06911	-1.06911	0.715793	0.847358	-1.18014	0.107397	2.2161	2.2161	0.101781	0.444249	-2.25099	1.57257	7.51041	2.88863	1
cg12883826	CAMK2D;CAMK2D;CAMK2D;CAMK2D;C	0.267403	0.453746	1.21988	1.21988	0.623994	1.13731	1.13731	0.924222	0.975527	-1.02509	0.0675244	0.586582	-1.70479	0.990189	1.00321	1.00321	0.793767	1.07061	1.07061	0.0228954	0.492173	-2.03181	0.838454	0.948225	-1.0546	0.547918	0.853548	-1.17158	1.57257	1.68924	0.954836	1
cg16613750	MSK;MSN	0.267406	0.253752	0.653657	-1.52985	0.686943	0.865432	-1.15549	0.165184	0.58872	-1.69572	0.0842331	1.97673	1.97673	0.894843	0.953919	-1.04831	0.442061	0.75607	-1.32263	0.0980554	1.91052	1.91052	0.655132	0.851827	-1.17395	0.474193	0.771325	-1.29647	1.57256	3.16947	1.79155	1
cg02609757	ATL2;ATL2;ATL2	0.267407	0.540458	1.85008	1.85008	0.0.0.0	0.474865	2.10543	0.0.0.0	0.614436	1.62753	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N) vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N) vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T 117 vs. N) vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T 127 vs. N) vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 217 vs. N) vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 217 vs. N) vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T 477 vs. N) vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N) vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 377 vs. N) vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T 637 vs. N) vs. N)	t(Test)	SS(Test)	SS(Error)	df(Error)
cg15979932	CUEDC1	0.267626	0.119985	0.624718	0.533237	0.525271	0.852145	-1.17353	0.2200941	0.725772	-1.37784	0.2621567	0.747811	-1.33724	0.351503	0.772409	-1.29465	0.903716	1.03054	1.03054	0.907884	1.06586	1.06586	0.04906967	1.74461	1.74461	0.785526	0.934449	-1.07015	1.5718	1.53792	0.860733	1
cg10899637	TFCP2L1/ TFCP2L1	0.267627	0.379161	0.864589	-1.15662	0.275539	0.812821	-1.20074	0.0310009	0.664832	-1.50414	0.774924	0.954818	-1.04732	0.293729	1.19201	1.19201	0.099693	0.747534	-1.33773	0.229887	0.816141	-1.22527	0.357519	0.858472	-1.16486	0.685625	0.936477	-1.06783	1.51719	0.647431	0.366139	1
cg09648269	ANO4	0.267631	0.716346	0.89316	-1.11962	0.858724	1.05672	1.05672	0.812263	1.07646	1.07646	0.111241	1.71123	1.71123	0.236398	0.681019	-1.46839	0.08535588	0.55493	-1.80203	0.174923	0.639705	-1.56322	0.324608	0.729803	-1.37023	0.353605	1.34384	1.34384	1.57178	2.38679	1.3498	1
cg16087447	PRICKLE1	0.267631	0.626526	0.835457	-1.19698	0.862868	0.938615	-1.06574	0.156633	1.74282	1.74282	0.231061	0.631515	-1.58349	0.358961	0.707628	-1.41317	0.511161	1.27677	1.27677	0.028143	0.386482	-2.58744	0.782602	0.903598	-1.10569	0.643679	1.18623	1.18623	1.51778	3.34634	1.892046	1
cg02146933	MBLAC2	0.267637	0.786217	0.875211	-1.14258	0.801474	0.8838	-1.13148	0.712357	0.833967	-1.19909	0.133584	2.21071	2.21071	0.951623	1.03019	1.03019	0.087120	1.25248	2.52488	0.309633	1.67444	0.6459804	0.36893	3.06893	0.155437	2.10704	2.10704	1.51716	5.98379	3.38406	1
cg09786757	KCTD15/KCTD15;KCTD15	0.26764	0.518072	0.909283	-1.09977	0.896444	1.01908	1.01908	0.70245	1.05729	1.05729	0.025768	0.680920	-1.46858	0.13942	0.798355	-1.25366	0.877279	0.977832	-1.02268	0.653095	1.00774	1.00774	0.98740401	0.760496	-1.31493	0.473798	0.899666	-1.11152	1.51775	0.52434	0.296536	1
cg06263943	CACNA1H;CACNA1H	0.26764	0.860322	0.965944	-1.03526	0.245792	0.787569	-1.26973	0.20981	0.77104	-1.29695	0.543633	1.12855	1.12855	0.85508	1.03662	1.03662	0.175335	1.32781	1.32781	0.248659	1.26773	1.26773	0.59733	0.900439	-1.11057	0.055774	0.652889	-1.53165	1.51715	0.963403	0.544844	1
cg06164976	DYM	0.267642	0.786098	0.964141	-1.03725	0.432965	1.1194	1.1194	0.524409	1.08099	1.08099	0.727137	1.03975	1.03975	0.941068	1.00997	1.00997	0.153805	0.8059	-1.24085	0.0200242	0.686073	-1.45753	0.523804	0.916924	-1.0906	0.561248	1.08206	1.08206	1.57374	0.44862	0.253714	1
cg09644070	ITPR2	0.267644	0.0291659	0.1671	-5.98445	0.0560115	0.221647	-4.54168	0.109005	0.488287	-2.04797	0.447803	0.583622	-1.71344	0.128947	0.319161	-1.31322	0.534224	0.645212	-1.54888	0.661527	1.03415	1.03415	0.838705	0.903515	-1.10705	0.598624	0.915774	-1.09264	1.51774	0.12607	0.82087	1
cg12502759	APAF1;APAF1;KIBP;APAF1;KIBIP;APAF1 /KIBIP;APAF1	0.267651	0.240684	1.48129	1.48129	0.540357	1.2193	1.2193	0.791702	0.918818	-1.08835	0.0529837	0.494886	-2.02067	0.265794	1.44907	1.44907	0.163773	0.620079	-1.6127	0.595038	0.842309	-1.18721	0.292174	0.704976	-1.41849	0.572231	1.20028	1.20028	1.57171	2.54698	1.44046	1
cg08978835	ADARB2	0.267653	0.544148	1.24896	1.24896	0.0171274	0.349169	-2.86394	0.525481	0.792167	-1.26236	0.40276	1.36353	1.36353	0.288851	1.4899	1.4899	0.474399	1.3014	1.3014	0.726945	1.13536	0.753716	0.809281	-1.02707	0.863878	1.06411	1.06411	1.57171	3.2642	1.84609	1
cg17244271	CUBN	0.267654	0.120559	0.600097	-1.66642	0.0411956	0.489598	-2.04287	0.403734	1.28051	1.28051	0.897616	0.961709	-1.03982	0.737588	1.04255	1.04255	0.701816	0.889875	-1.12375	0.534234	1.23036	1.23036	1.2210196	0.811483	1.07516	1.07516	0.615399	1.15779	1.15779	1.15727	2.28972	1.29467	1
cg22553313	RF2BP2;RF2BP2	0.267655	0.482996	1.11947	1.11947	0.900368	0.981604	-1.01874	0.848654	0.887113	-1.12725	0.650998	0.994719	-1.06984	0.273758	1.18392	1.18392	0.065812	0.736427	-1.35791	0.118929	0.77811	-1.28516	0.171056	1.24118	1.24118	0.702479	1.05854	1.05854	1.5717	0.5470318	0.309371	1
cg17799599	PRKCA	0.26766	0.088662	0.118497	-8.439	0.172356	0.192134	-5.20471	0.726088	0.670699	-1.49161	0.0169893	0.0366742	-27.2676	0.260981	0.264112	-3.78627	0.43414	0.404002	-2.47524	0.234781	0.240291	-4.11369	0.350134	0.335477	-2.98083	0.384638	0.363381	-2.75193	1.57168	32.104	18.1569	1
cg07154455	VSX1;VSX1	0.267671	0.127811	0.77991	0.79793	0.529803	0.251598	1.23198	0.229096	0.916396	1.09186	0.594824	0.214842	5.1918	0.19118	0.132375	7.55099	0.580735	2.02123	2.02123	0.502407	0.423727	-2.36001	0.0289874	0.25706	25.7196	0.342301	3.4357	3.4357	1.57168	0.20388	22.4015	1
cg27598407	ATF7IP	0.267666	0.4105001	1.49811	1.49811	0.653562	1.24079	1.24079	0.471383	1.42171	1.42171	0.278771	1.71746	1.71746	0.101559	2.36532	2.36532	0.323337	1.63217	1.63217	0.0176225	4.00195	4.00195	0.0976649	2.39351	2.39351	0.681306	2.21952	2.21952	1.57166	5.74136	3.24716	1
cg08480968	ARHGEF11;ARHGEF11;ARHGEF11	0.267668	0.200543	1.64217	-2.40259	0.598561	1.41119	1.41119	0.333023	1.91056	1.91056	0.144186	0.361618	-2.7652	0.107457	0.322707	-3.09879	0.126189	0.342084	-2.92326	0.188304	0.400479	-2.47039	0.768623	1.21076	1.21076	0.267544	0.472928	-2.11449	1.57165	10.4624	5.91726	1
cg08066140	SMC1B;RIBC2	0.267668	0.41157	1.64901	1.64901	0.0337056	0.45184	4.38184	0.146136	2.533	2.533	0.246856	2.20721	2.20721	0.945756	1.04137	1.04137	0.416011	1.63996	1.63996	0.0151444	3.65184	3.65184	0.218216	2.16312	2.16312	0.152228	2.2617	2.2617	1.57165	8.83339	4.99395	1
cg16149077	SCFD2	0.267671	0.102765	0.292079	-3.42374	0.56892	0.672379	-1.48726	0.46826	1.66329	1.66329	0.715142	0.776698	-1.2875	0.0797624	0.26171	-3.82102	0.293833	0.47203	-2.11851	0.0348055	0.183391	-5.45284	0.918007	0.931468	-1.07357	0.433442	0.576322	-1.73514	1.57164	1.18315	0.69166	1
cg09205587	FAM117A	0.267678	0.161974	1.28109	1.28109	0.768832	0.905003	-1.10499	0.644157	1.46624	1.46624	0.199967	1.25261	1.25261	0.401279	0.804631	-1.24991	0.871612	1.02719	1.02719	0.569162	0.909093	-1.10003	0.601247	0.950243	-1.05141	0.152404	1.28955	1.28955	1.57162	0.68499	0.387422	1
cg20018344	TPA;TPA	0.267679	0.552044	0.644558	-1.55145	0.398749	0.532236	-1.87887	0.57943	0.664538	-1.5048	0.0644431	0.219487	-4.55608	0.0231347	0.137856	-7.25397	0.111049	0.281597	-3.55118	0.33391	0.481083	-2.06996	0.607994	0.685454	-1.45889	0.2016	0.373665	-2.67562	1.57161	13.2639	7.50395	1
cg12144476	APP;APP;APP;APP;APP	0.267682	0.0161287	0.73949	1.36064	0.732323	0.960302	-1.04134	0.854972	1.28757	1.28757	0.0187872	0.0359219	3.99777	0.0231155	0.0838818	11.9239	0.0778502	0.189159	5.28355	0.0297944	0.0961373	10.4068515	0.1448	6.90625	0.0418758	0.0975098	0.0210976	0.0761661	0.0000581	1.57161	0.53768	0.0782261	1
cg24985672	IQCH	0.267682	0.0354244	0.169714	-5.89226	0.127236	0.302893	-3.3015	0.449716	0.572467	-1.74682	0.311821	0.468736	-2.1334	0.1294	0.305272	3.27577	0.303532	0.46221	-2.16352	0.097388	0.267859	-3.73331	0.11011	0.283347	-3.52924	0.302726	0.461573	-2.16651	1.5716	13.0534	7.38289	1
cg22887880	SOD2	0.267685	0.611053	1.46933	1.46933	0.0190137	0.41741	8.41741	0.604273	0.106229	3.75694	0.358079	0.492783	-2.02929	0.743978	0.782018	-1.27874	0.885719	0.897719	-1.11393	0.915219	0.918964	1.08538	0.0303145	0.0372328	26.8852	0.0237328	0.0347203	0.0328774	25.7596	1.57159	0.0000147	0.0000147	1
cg06538505	MCM2	0.267687	0.331834	1.30153	1.30153	0.0970303	0.987283	1.81228	0.0414394	1.25946	1.25946	0.419586	0.946017	1.05863	0.830065	0.80831	-1.23705	0.746512	1.06369	1.06369	0.705327	0.924774	1.08154	0.759533	0.872984	1.14585	0.446376	0.7035	0.87464	1.57158	0.2445	0.134289	1
cg09561830	UBAC2;MIR623;UBAC2;UBAC2	0.267688	0.147834	0.390279	-2.56227	0.576046	0.140823	0.140823	0.678018	0.776468	-1.28788	0.802506	1.164	1.164	0.0142357	0.160042	-6.24834	0.770874	0.837812	-1.19359	0.705425	1.25876	1.25876	0.576109	1.40815	1.40815	0.980342	0.98518	-1.01504	1.57158	9.14017	5.16969	1
cg07106235	SIRT4	0.267692	0.324062	1.14514	1.14514	0.8935769	1.27815	1.27815	0.637267	1.10212	1.10212	0.9437	1.10664	1.10664	0.0751155	1.14663	1.14663	0.432927	0.88808	-1.12577	0.0815445	1.0748	1.0748	0.974383	0.919205	1.19202	1.19202	0.299646	1.154	1.154	0.757858	0.440781	0.243097	1
cg16735077	FAM66D	0.267692	0.804263	1.082	1.082	0.0609335	0.515505	-1.95501	0.618668	1.17264	1.17264	0.114136	0.579568	-1.72542	0.169332	1.59155	1.59155	0.36678	0.745071	-1.34225	0.831353	1.07003	1.07003	0.240826	1.816436	-1.22484	0.33476	1.37126	1.37126	1.57157	2.50737	1.41818	1
cg10349065	WNT2;WNT2	0.267696	0.591979	1.14348	1.14348	0.974574	1.00793	1.00793	0.285265	0.759544	-1.31658	0.19558	0.689047	-1.45128	0.0167265	0.484918	-2.06221	0.919672	0.975313	-1.02531	0.572318	0.868149	-1.15188	0.464049	1.20283	1.20283	0.904165	1.0303	1.0303	1.57156	1.52847	0.864518	1
cg09205587	FAM117A	0.267697	0.575871	1.20823	1.20823	0.7584802	0.925443	-1.08025	0.784364	1.25157	1.25157	0.0297115	0.620031	0.344471	0.721881	1.61305	1.61305	0.858913	0.951499	-1.05097	0.442405	0.779379	-1.3141	0.652677	0.859318	-1.16371	0.731506	1.07373	1.07373	1.57155	2.78784	1.57683	1
cg14017254	FAM125B	0.267699	0.534371	0.777114	-1.28582	0.5514102	0.425445	-2.42545	0.706716	1.16301	1.16301	0.17693	0.565834	-1.7673	0.810909	1.10049	1.10049	0.359494	1.45702	1.45702	0.240037	0.61208	-1.63377	0.431574	1.37807	1.37807	0.209298	1.69669	1.69669	1.57155	3.97248	2.24689	1
cg02320740	SORCS3	0.267701	0.318575	1.39234	1.39234	0.36064	0.902302	-1.04134	0.854972	1.28757	1.28757	0.0187872	0.0359219	3.99777	0.0231155	0.0838818	11.9239	0.0778502	0.189159	5.28355	0.0297944	0.0961373	10.4068515	0.1448	6.90625	0.0418758	0.0975098	0.0210976	0.0761661	0.0000581	1.57154	0.53768	0.0782261	1
cg27208925	IRF8	0.267702	0.412956	0.627518	-1.59358	0.442225	1.54684	1.54684	0.255496	0.516397	-1.93649	0.384511	0.608728	-1.64277	0.0254071	0.227852	4.38881	0.109624	0.378691	-2.64068	0.180848	0.4534	-2.20556	0.315974	0.561475	-1.78102	0.612204	0.752317	-1.32923	1.57154	1.77416	4.36326	1
cg17511195	F3	0.267706	0.707786	1.05317	1.05317	0.29576	1.16086	1.16086	0.113349	1.2675	1.2675	0.105983	1.27495	1.27495	0.869799	1.02283	1.02283	0.803041	1.03498	1.03498	0.505896	0.913119	-1.09731	0.226947	0.83986	-1.19067	0.0718577	1.13846	1.13846	1.57152	0.4710888	0.265459	1
cg01393194	ADAM17	0.267707	0.590284	1.19744	1.19744	0.736832	0.903102	-1.10634	0.754972	1.28777	1.28777	0.0193239	0.597907	-1.67255	0.0838818	0.778195	1.28377	0.108945	0.701703	-1.42511	0.713616	0.792995	-1.26126	0.0779586	0.738032	-1.35479	0.0715549	1.13771	1.13771	1.57152	1.02002	0.5768182	1
cg09236163	C15orf26;C15orf26	0.26771	0.246558	0.482827	-2.07114	0.0807204	0.312291	-3.20214	0.830493	0.879139	-1.13748	0.73164	0.813142	-1.2298	0.164658	0.410334	-2.43704	0.468653	0.642088	-1.55742	0.0661654	0.288856	-3.44099	0.0357415	0.230313	-4.34192	0.468424	0.641936	-1.55779	1.57151	8.98612	5.0828	1
cg05602360	FI1	0.267713	0.412878	1.42269	1.42269	0.5758422	0.605640	1.65936	0.357325	0.793555	-1.25972	0.0955372	0.156638	6.38447	0.168717	0.262705	-3.80607	0.0997957	0.0002	10002	0.0001245	0.124555	8.03013	0.0014451	0.144561	6.91842	0.0014451	0.0014451	0.0014451	1.57151	1.31848	0.5755	0.27058	1.56718	1
cg19829375	CSNK1D;CSNK1D	0.267714	0.518043	0.790248	-1.25912	0.883184	0.948822	-1.05394	0.662227	2.05629	2.06459	0.704971	1.1432	1.1432	0.0309984	0.410256	2.4375	0.698314	0.879138	-1.14687	0.5421	0.804829	-1.2425	0.672964	0.861252	-1.1611	0.485042	0.779085	0.128355	1.5715	1.08097	1.7427	1
cg14373189	BAT1;SNORD84;BAT1	0.267716	?	?	?	?	?	?	0.113825	2.77907	2.77907	?	?	?	?	?	?	0.355023	0.571006	-1.7513	0.148846	0.399404	-2.50373	0.813716	0.8707	-1.1485	0.577885	1.39119	1.39119	1.63298	4.83678	4.1467	1
cg25798609	HAUS8;MIR208;MYO9B;MYO9B;HAUS8	0.267718	0.10416	0.156931	-6.37222	0.179782	4.28747	4.28747	0.27155	0.6221	0.6221	0.421926	0.26262	0.26262	?	?	?	?	?	?	0.882373	1.15648	1.15648	0.490095	0.498075	-2.00411	0.79757	1.31834	1.31848	1.5715	2.7058	1.56718	1
cg09256179	BAT5	0.267727	0.300059	0.790408	-1.40963	0.823308	0.74111	1.07411	0.260982	0.692141	-1.44479	0.874879	0.54712	-1.82775	0.0159957	0.389343	2.56843	0.902316	0.961506	-1.04004	0.575914	0.834731	-1.19802	0.894819	1.04319	1.04319	0.547027	0.822973	-1.21511	1.57145	2.5437	1.43884	1
cg12169875	HLA-H	0.267733	0.364941	1.20753	1.20753	0.4745	1.24004	1.24004	0.173748	1.25946	1.25946	0.419586	0.946017	1.05863	0.830065	0.80831	-1.23705	0.746512	1.06369	1.06369	0.705327	0.924774	1.08154	0.759533	0.872984	1.14585	0.446376	0.7035	0.87464	1.57144	0.2445	0.134289	1
cg10498682	TSNARE1	0.267737	0.697514	1.07635	1.07635	0.46415	1.15067	1.15067	0.152535	0.749283	-1.33461	0.321232	0.824451	-1.21293	0.467834	0.870101	-1.14929	0.386399	0.849389	-1.18205	0.194305	1.29518	1.29518	0.348018	1.19961	1.19961	0.0697169	0.682446	-1.46532	1.57142	0.8830321	0.499491	1
cg21189456	DPY2C	0.267737	0.0192114	0.320195	-3.1211	0.424965	0.782233	-1.27839	0.924671	0.982445	-1.00901	0.117369	0.504714	-1.98132	0.907381	1.0479	1.0479	0.732644	0.87218	-1.1478	0.504394	0.801114	-1.24825	0.502153	0.8111	0.548014	0.184824	0.539844	0.108387	1.57141	0.402237	0.27525	1
cg09890032	E2F6;E2F6;E2F6;E2F6;E2F6	0.267738	0.505313	0.63573	-1.76562	0.147585	1.6043	3.6043	0.2662	1.24555	1.24555	2.66556	?	?	?	?	?	0.133592	0.256445	-3.89948	0.38788	0.243862	0.459629	0.316158	0.7545	0.316158	0.57445	0.15788	0.35828	1
cg08988797	GRHL2	0.267738	0.370896	2.50115	2.50115	0.806642	1.27721	1.27721	0.130868	5.09164	5.09164	0.811948	1.26846	1.26846	0.365012	0.395067	-2.53121	0.25411	0.304768	-3.28119	0.810252	0.786628	-1.27125	0.0845401	6.71044	6.71044	0.0917994	6.57304	6.57304	1.57141	24.7763	14.015	1
cg14509921	C1orf21	0.267745	0.925179	1.08283	1.08283	0.7584802	0.925443	-1.08025	0.784364	1.25157	1.25157	0.0297115	0.620031	0.344471	0.721881	1.61305	1.61305	0.858913	0.951499	-1.05097	0.442405	0.779379	-1.3141	0.652677	0.859318	-1.16371	0.731506	1.07373	1.07373	1.57141	2.78784	1.57683	1
cg17520144	DHRS11	0.267746	0.700449	0.730618	-1.36871	0.0336583	0.133396	-7.49647	0.17987	0.315458	-3.17878	0.296074	0.414909	-2.41016	0.414021	1.96991	1.96991	0.359112	0.465053	-2.15029	0.0746085	0.199374	-5.0157	0.926798	1.07746	1.07746	0.445448	0.531777	-1.88049	1.57138	16.4065	9.2807	1
cg16920991	LHFP1BP1;LHFP1BP1L	0.267747	0.317559	1.29476	1.25168	0.749425	0.915335	-1.07351	0.135467	0.706854	-1.41452	0.515914	1.13971	1.13971	0.321816	0.800601	-1.24906	0.904341	0.974215	-1.02647	0.810924	0.570946	-1.73296	0.389037	1.21252	1.21252	0.573866	0.883388	-1.13138	1.57138	1.17499	0.664663	1
cg24780479	PKN1;PKN1	0.267754	0.921025	1.03622	1.03622	0.148403	0.573543	-1.74355	0.515076	1.25282	1.25282	0.418861	1.24711	1.24711	0.0519667	0.412309	-2.21088	0.244932	0.646339	-1.54718	0.716867	0.877413	-1.13975	0.135076	0.74253	-1.78253	0.979383	0.990771	-0.00952	1.57136	1.52422	2.81257	1
cg20413858	OR2L13	0.267757	0.298575	0.549081	-1.82122	0.476691	1.49573	1.49573	0.850608	0.000015	-11.1061	0.127214	0.399418	-2.50364	0.462308	0.65946	-1.51639	0.197855	2.13252	2.13252	0.174964	2.23154	2.23154	0.113409	0.383465	-2.6078	0.532352	0.703344	-1.42178	1.57134	7.70469	4.35844	1
cg20595120	DPYSL3	0.267758	0.364701	1.39361	1.39361	0.4218078	0.687389	1.45673	0.440107	0.711218	1.42008	0.191185	0.677432	-1.47618	0.0662159	0.471258	-2.12205	0.144307	0.689874	1.45049	0.0419744	0.867769	-1.15238	0.331015	0.412943	-2.42164	0.156736	0.583582	-1.71358	1.57134	3.4965	2.2265	1
cg09088350	GALE;GALE;GALE;GALE /AHR1;AHR1;LOC6ur217;AHR1;AHR1;A	0.267759	0.281574	0.72494	-1.37935	0.594901	1.16677	1.16677	0.0268711	0.470749	-2.12427	0.680151	1.12652	1.12652	0.755633	0.914187	1.09387	0.563739	1.18262	1.18262	0.211925	0.685301	-1.45921	0.377295	1.29739	1.29739	0.272701	0.720299	-1.38831	1.57134	2.05542	1.16273	1
cg14291540	H1;AHR1;AHR1	0.267768	0.198353	0.590522	-1.69342	0.738724	1.1385	1.1385	0.0356547	2.57921	2.57921	0.236493	0.611355	-1.63571	0.715399	0.867712	-1.15246	0.194379	0.587438	-1.70231	0.8624	0.934988	-1.06953	0.779546	0.896968	-1.11487	0.398626	0.715436	-1.39775	1.57131	3.73666	2.11383	1
cg10219223	ACOT7;ACOT7;ACOT7;ACOT7	0.26777	0.922382	1.04917	1.04917	0.145044	2.16152	2.16152	0.318742	1.66119	1.66119	0.73945	1.17868	1.17868	0.0651515	0.360661	-2.77269	0.15617	2.11105	2.11105	0.494091	1.40779	1.40779	0.329115	0.608918	-1.64226	0.546372	0.740326	-1.35076	1.5713	0.63694	3.41511	1
cg16204797	MSN	0.267773	0.172969	0.412511	-2.42428	0.36544	0.865444	1.86544	0.428726	1.6373	1.6373	0.0363809	0.41321	-2.41966	0.0383409	0.41141	-2.43099	0.161913	0.708279	-1.41126	0.0994907	0.10045	-9.95407	0.942909	1.04468	1.04468	0.711868	1.25409	1.25409	1.57129	0.502928	0.284492	1
cg19009983	ZBTB7B	0.267775	0.584713	0.851376	-1.17457	0.12377	1.62581	1.62581	0.414949	1.27186	1.27186	0.417046	1.27355	1.27355	0.264515	1.40374	1.40374	0.148908	0.636791	-1.57037	0.112884	0.606651	-1.65385	0.656801	1.13926	1.13926	0.383071	1.29794	1.29794	1.57128	2.11532	1.19665	1
cg01172738	DPY19L2P2;DPY19L2P2	0.267776	0.0476901	0.131147	-7.61852	0.0499655	0.210582	-4.75255	0.0555	0.324047	-3.08512	0.0169112	0.175712	-5.69262	0.0146625	0.149392	-6.69393	0.106962	0.144998	-6.89702	0.0139333	0.0643997	-15.5159	0.182627	0.0187507	53.3311	0.0183636	0.0172287	0.0144627	-4.97435	1.57128	0.0000147	0.0000147	1
cg10914555	SFRP5;SFRP5	0.267785	0.945892	0.980668	-1.01971	0.372576	0.768519	-1.3012	0.908391	0.967434	-1.03366	0.63158	1.13415	1.13415	0.543682	1.19337	1.19337	0.029740	2.08713	2.08713	0.199647	0.677239	-1.47658	0.204221	1.47015	1.47015	0.474451	0.811221	-1.23271	1.57125	2.0586	1.16459	1
cg23442955	USP24;USP24 /// SGOL2;SGOL2;SGOL2;SGOL2;SGOL2;SG	0.267791	?	?	0.0804472	0.0954543	-10.4762	0.747899	1.8604	1.46904	0.254891	1.46388	0.135235	6.9715	6.9715	0.255837	4.1509	4.1509	0.763561	0.697831	-1.43301	0.30218	0.277744	-3.60044	0.711907	1.55654	1.55654	1.62594	31.8409	17.1352	1
cg08404560	OL2	0.267793	0.308189	0.765312	-1.30666	0.110105	0.643002	-1.5552	0.314324	1.30196	1.30196	0.732859	1.09077	1.09077	0.607215	1.14052	1.14052	0.785601	1.07159	1.07159	0.0362851	1.85391	1.85391	0.764853	0.926752	-1.07904	0.473723	1.20295	1.20295	1.57122	1.60025	0.905309	1
cg08258539	C6orf51;IMPN1	0.267797	0.604419	0.893634	-1.12001	0.6124	1.14181	1.14181	0.188179	1.17626	1.17626	0.515894	1.22349	1.22349	0.0881275	0.817225	-1.22351	0.659586	0.949419	-1.05097	0.662284	0.896506	1.02725	0.831427	1.02725	0.659586	0.949419	-1.05097	0.662284	1.57122	0.942632	0.243058	1
cg21356179	C1orf106;ACOX1;ACOX1	0.26778	0.709867	0.858546	-1.16843	0.0249786	0.13139

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df	F(Error
cg17606003	FLI41350;LBX1	0.268007	0.899549	0.991336	1.00874	0.648346	1.01214	1.01214	0.0913515	1.13668	1.13668	0.178447	0.90619	-1.10352	0.938588	1.00532	1.00532	0.42239	1.05809	1.05809	0.224148	0.915771	-1.09198	0.152377	1.11141	1.11141	0.163898	1.10778	1.10778	1.57048	0.118091	0.0668391	1
cg16316162	NAPRT1	0.268013	0.150276	9.6426	9.6426	0.804191	1.4406	1.4406	0.728678	1.66823	1.66823	0.31013	0.210013	-4.76161	0.129727	11.0844	11.0844	0.796645	6.684202	-1.46156	0.0410451	31.9686	31.9686	0.80983	0.701665	-1.42518	0.197544	7.402	7.402	1.57046	53.7179	30.4045	1
cg00804745	IQUB	0.268013	0.26868	0.584764	-1.71009	0.2352293	0.560281	-1.78482	0.189059	0.523086	-1.91173	0.7945111	1.17179	1.17179	0.0447444	0.341958	-2.92434	0.395652	0.66688	-1.49952	0.0355408	0.3199066	-3.12592	0.6319987	0.79873	-1.25199	0.1845177	0.66017	-1.51476	1.57046	5.39515	3.05368	1
cg23224120	SOCS2	0.268026	0.110252	4.40519	4.40519	0.808112	1.23032	1.23032	0.47917	1.84567	1.84567	0.6031131	0.838048	-1.50728	0.5374115	1.58747	1.58747	0.509353	1.76865	1.76865	0.896247	0.894811	-1.11755	0.0162122	1.22444	1.22444	0.598751	1.57198	1.57198	1.57046	18.0501	10.2165	1
cg00281273	LPCAT1	0.268017	0.21885	2.332216	-4.28787	0.383869	0.365991	-2.73231	0.360049	0.346698	-2.88436	0.516193	0.476619	-2.09811	0.0310559	0.0578777	-17.2778	0.0700339	0.102262	-9.77882	0.0695802	0.100797	-9.82352	0.672805	0.6200111	-1.61287	0.287207	0.288228	-3.46948	1.57045	31.5195	17.8403	1
cg25535776	FAM86B1;FAM86B1	0.268023	0.140565	0.563446	-1.77479	0.0858497	0.503101	-1.98767	0.488835	0.753934	-1.32677	0.534255	0.706232	-1.41554	0.0703365	0.488204	-2.04833	0.20073	0.619738	-1.61348	0.458161	0.760799	-1.31441	0.0339339	0.406723	-2.45868	0.4979851	0.779544	-1.2828	1.57043	3.25724	1.84365	1
cg13324746	KLHL21	0.268024	0.401345	1.18474	1.18474	0.28807	0.804389	-1.24318	0.29458	0.806914	-1.23929	0.726896	0.93314	-1.07165	0.399296	1.18566	1.18566	0.357705	0.829717	-1.20523	0.0492752	0.642177	-1.5572	0.216037	0.773407	-1.29298	0.275159	1.25115	1.25115	1.57043	0.968747	0.548328	1
cg08035872	IQCG;RPL35A	0.268029	0.28413	0.629815	-1.60304	0.8072211	1.09525	1.10915	0.9998981	0.9994459	-1.00054	0.896037	0.965065	-1.05701	0.0671413	0.418868	-2.38738	0.0908891	0.453892	-2.2037	0.0445291	0.337445	-2.64938	0.127977	0.5404488	-1.82987	0.489155	0.7423311	-1.34714	1.57043	4.47958	2.53215	1
cg04131340	C6orf186	0.268033	0.234372	2.11206	2.11206	0.829824	1.03288	1.03288	0.512788	1.13389	1.13389	0.172891	0.88683	-2.38683	0.234295	0.4902065	-3.03891	0.274436	0.505576	-1.97794	0.541625	0.69033	-1.44858	0.647239	0.83183	1.0183	0.60195	0.72932	-1.37114	1.57039	8.94729	5.06443	1
cg05329960	QKI;QKI;QKI;QKI	0.268035	0.621003	0.627737	-1.59303	0.0642731	0.143364	-6.97527	0.110962	0.197428	-5.06514	0.619789	1.59565	1.59565	0.596397	0.606931	-1.64763	0.984931	1.0178	1.0178	0.602454	0.612029	-1.63391	0.103341	5.28296	5.28296	0.425987	2.13714	2.13714	1.57039	21.7094	12.2882	1
cg15889804	ZNF215	0.268037	0.510207	1.08227	1.08227	0.75109	0.863233	-1.15845	0.652924	0.836412	-1.19558	0.1227681	1.19452	1.19452	0.905497	1.06708	1.06708	1.047098	0.926427	-1.07939	0.106178	0.498435	-2.00626	0.0090197	1.68833	1.68833	0.174188	1.76904	1.76904	1.57038	3.87303	2.19227	1
cg07211874	KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.268041	0.158022	2.82892	2.82892	0.230594	0.428087	-2.35598	0.726352	1.2739	1.2739	0.839502	0.8696607	-1.14995	0.1602958	2.81111	2.81111	0.225267	0.24078	2.40478	0.0703449	0.48147	-4.02949	0.720612	1.28072	1.28072	0.776219	1.21695	1.21695	1.57037	11.8057	6.68246	1
cg06776201	DPF3	0.268044	0.744371	1.23707	1.23707	0.329893	0.533207	-1.87544	0.6549349	0.90128	1.30128	0.222484	0.225959	1.82959	0.278415	0.908697	-1.10048	0.762808	0.827605	1.20831	0.1640524	0.370983	-2.6955	0.229255	0.454272	-2.20132	0.634216	1.34957	1.34957	1.57036	9.72839	5.55068	1
cg06454084	DACT3	0.268047	0.776912	1.28269	1.28269	0.109556	0.216764	-4.61331	0.0945173	0.19975	-5.00625	0.564596	1.66586	1.66586	0.653119	1.48655	-1.48658	0.753104	0.7584	-1.31857	0.81607	0.815302	-1.22654	0.0946762	0.50162	5.00162	0.260447	2.79733	2.79733	1.57035	19.102	10.8126	1
cg09736950	MGC15885;TLN2	0.268048	0.722486	1.11013	1.11013	0.23151	1.44439	1.44439	0.0247284	2.05906	2.05906	0.617222	1.15909	1.15909	0.200735	0.677226	1.47639	0.979638	1.00751	1.00751	0.484776	0.2063	1.2314	0.247765	0.7018851	-1.4248	0.516634	0.8247654	-1.21247	1.57035	2.13492	1.22847	1
cg21343777	RGS12;RGS12	0.268049	0.382461	1.28355	1.28355	0.139572	0.624048	-1.55752	0.0904424	0.594519	-1.68203	0.235825	0.707344	-1.41374	0.542052	0.841998	-1.18769	0.206405	0.7366	-1.35749	0.807527	0.934614	-1.06962	0.93167	0.9763182	-1.02439	0.0388704	0.5113731	-1.94655	1.57034	3.18921	2.0035	1
cg14865507	MSH3;DHFR;DHFR;MSH3	0.268049	0.174687	0.725733	-1.37792	0.948861	0.985886	-1.01432	0.172873	0.724626	-1.38002	0.746079	1.07481	1.07481	0.320733	1.25586	1.25586	0.805112	0.946585	-1.05643	0.0515827	1.6356	1.6356	0.583399	0.884276	-1.13087	0.260013	1.2974	1.2974	1.57034	1.22633	0.694164	1
cg11612291	ZNF35	0.268052	0.758728	1.05238	1.05238	0.144444	0.109248	-1.49199	0.0997653	0.63256	-1.58243	0.225326	0.709826	-1.35166	0.814998	0.947188	-1.05576	0.331114	1.26781	1.26781	0.633021	1.12095	1.12095	0.160005	1.42653	1.42653	0.417604	1.21655	1.21655	1.57033	1.39368	0.788329	1
cg07335755	ISPN1	0.268056	0.0977871	0.522548	-1.91327	0.29278	0.103288	0.103288	0.0162718	0.569078	-1.75723	0.357087	1.40274	1.40274	0.040798	0.46054	-2.22445	0.777535	1.10651	1.10651	0.767437	2.22276	2.22276	0.671979	1.16457	1.16457	0.44619	0.757714	-1.31976	1.5703	3.17518	1.79735	1
cg18786125	MEGF6	0.268068	0.0988135	0.567456	-1.76225	0.305214	1.39428	1.39428	0.0962054	0.564468	-1.77158	0.466177	1.26131	1.26131	0.126423	0.559545	-1.67801	0.796562	0.922308	-1.08424	0.371038	0.7501	-1.33316	0.25782	0.6909968	-1.44724	0.2655514	0.6954515	-1.43799	1.57027	2.43733	1.37971	1
cg14606478	TRIM26	0.268072	0.964284	0.979032	-1.02178	0.7971	1.19171	1.19171	0.4413769	1.33788	1.33788	0.155865	0.994133	-1.00602	0.9602029	0.483236	-2.22324	0.36614	0.726609	-1.37626	0.192199	0.958596	-1.04319	0.2691289	1.44742	1.44742	0.782678	0.909275	-1.09978	1.57026	2.94242	1.66563	1
cg07132125	SORL1	0.268074	?	?	?	0.349114	2.06247	2.06247	0.979164	0.980578	-1.01981	?	?	?	?	0.5950021	0.188303	-5.31059	?	?	?	0.738562	0.847975	-1.17928	0.2619189	1.17731	1.17731	0.325257	2.54533	2.54533	0.723082	1.30631	1.30631	1.58006	9.40989	7.94056	1
cg04124962	ST3GAL3	0.268076	0.0800756	0.566016	-1.76673	0.0732484	0.953833	1.03288	0.123803	1.23803	0.491713	0.626811	-1.59538	0.346997	0.511616	1.38894	0.1900152	0.771991	-1.29535	0.0364317	0.0492557	1.466357	-1.68167	0.0178455	0.6172542	-1.62059	0.0174801	0.113388	1.113388	0.207486	0.676635	-1.4779	1.57025	0.214736	0.121585	1
cg21432726	ADAMTS7	0.268077	0.123206	0.776799	-1.28734	0.363185	0.868185	-1.15183	0.761743	1.04707	1.04707	0.395143	0.876583	-1.14079	0.627889	0.928786	1.07667	0.218188	1.21642	1.21642	0.993983	0.99886	-1.00114	0.0268267	0.6725544	-1.48689	0.532352	0.908771	1.10039	1.57024	0.568942	0.322068	1
cg04811114	LGR6;LGR6	0.268078	0.174197	0.394686	-2.53366	0.296862	0.2049	2.00449	0.173407	0.393927	-2.53854	0.68789	0.771269	-1.29656	0.151945	0.24118	-4.14628	0.979496	1.01667	1.01667	0.127103	0.346073	-2.8807	0.84178	0.879378	-1.13717	0.17725	0.397603	-2.51507	1.57024	10.2865	5.82301	1
cg15129307	KCNC3	0.268078	?	?	?	?	0.579756	-1.72247	?	?	?	?	?	?	?	?	?	0.205702	1.04456	1.04456	0.729062	1.18065	1.18065	1.78862	0.444242	1.80831	1.80831	0.160004	1.59562	1.59562	1.5702	9.95629	3.38564	1
cg03747456	KRT80;KRT80	0.268079	0.0642796	0.251029	-3.9836	0.18305	0.390907	-2.55815	0.75202	0.809975	-1.23461	0.173291	0.381621	-2.6204	0.256026	0.454625	-2.19962	0.302959	0.491933	-2.0328	0.115851	0.321004	-3.11523	0.0515208	0.229098	-4.36494	0.145936	0.354216	-2.82314	1.57024	10.9926	6.22276	1
cg16755026	LMF1	0.268082	0.744068	0.927386	-1.07849	0.623844	0.97126	-1.04726	0.955042	1.03263	1.03263	1.3546	1.3546	1.3546	0.0302624	1.88139	1.88139	0.947388	1.05676	1.05676	0.703251	1.03015	1.03015	0.201115	1.42653	1.42653	0.417604	1.21655	1.21655	1.57023	0.691607	-1.44572	0.17023	2.18879	1.12905	1
cg14181982	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.268087	0.56255	1.44573	1.44573	0.744822	0.211319	-4.73219	0.473757	1.57864	1.57864	0.450611	1.62653	1.62653	0.416737	0.590795	1.69263	0.813338	1.86242	1.86242	0.0195512	1.95955	1.95955	0.145584	2.78213	2.78213	?	?	?	0.807688	1.83844	1.1649	1.80003	3.08745	3.15532	1
cg00556126	WFDC1	0.268091	0.26587	0.714082	-1.4004	0.151383	0.639851	-1.56286	0.444627	0.797441	-1.25401	0.0513664	0.525011	-1.90472	0.0392014	0.500328	-1.99989	0.997883	0.99923	-1.00077	0.298231	0.731105	-1.36779	0.160027	0.646605	-1.54654	0.257594	0.709527	-1.40939	1.57019	2.09808	1.18772	1
cg02535735	TSC2201	0.268099	0.0933146	0.703032	-1.42273	0.460886	0.752	-1.32942	0.107738	0.538139	-1.85863	0.0702539	0.744155	-1.34355	0.0602002	0.483236	-2.07024	0.36614	0.726609	-1.37626	0.192199	0.958596	-1.04319	0.2691289	1.44742	1.44742	0.782678	0.909275	-1.09978	1.57026	2.94242	1.66563	1
cg13830636	SEC24C;SEC24C	0.268102	0.210457	1.50918	1.50918	0.0482512	0.02177	2.02177	0.0691716	1.88541	1.88541	0.453606	1.26881	1.26881	0.0675531	1.8941	1.8941	0.230539	1.48037	1.48037	0.365347	1.33637	0.892493	0.958704	-1.04308	0.304809	0.39295	1.39295	1.57016	2.4185	1.36938	1
cg07125798	TEUS2	0.268103	0.762953	1.07336	1.07336	0.626886	0.832012	-1.20132	0.154444	0.837256	-1.19439	0.199799	0.725726	-1.37826	0.0872858	0.52099	-1.92036	0.584868	0.811099	-1.23257	0.312616	0.72414	0.558444	0.811774	0.7985765	-1.25312	0.306817	0.888797	-1.12514	0.98883	0.4149369	1.43993	1
cg05246100	EGFR	0.268103	0.847162	1.07326	1.07326	0.0254279	0.64652	2.64652	0.191673	1.65939	1.65939	0.561695	0.806549	-1.23985	0.374368	1.39666	1.39666	0.0853875	1.00728	1.00728	0.224968	1.59516	1.59516	0.493916	1.28087	1.28087	0.992191	1.00359	1.00359	1.57015	1.34038	1.88996	1
cg05853099	MSI2;MSI2	0.268105	0.537103	1.1087	1.1087	0.192831	1.26095	1.26095	0.153104	1.29355	1.29355	0.165082	1.2829	1.2829	0.845077	1.03346	1.03346	0.196883	0.794905	-1.25801	0.280358	0.827965	-1.20778	0.107145	1.34431	1.34431	0.61841	1.08815	1.08815	1.57015	0.7038839	0.398456	1
cg00428636	PSD3;PSD3	0.268108	0.352465	1.49564	1.49564	0.0572634	1.23803	1.23803	0.491713	0.626811	-1.59538	0.346997	0.511616	1.39116	0.191136	0.482618	0.6317	0.158562	2.84975	2.84975	0.0170705	0.2445	2.34999	0.0170705	0.2445	2.34999	0.0170705	0.2445	6.2845	0.0879397	0.523406	0.3135054	0.21585	1
cg19944219	SFRS12;SFRS12	0.268111	0.466323	0.895143	-1.11734	0.0173748	0.14159	1.54159	0.453398	1.12031	1.12031	0.818936	1.03486	1.03486	0.558075	1.09254	1.09254	0.91113	0.983455	-1.01682	0.232006	0.829191	-1.20599	0.534795	1.09848	1.09848	0.351688	1.15398	1.15398	1.57013	0.555239	0.314335	1
cg04481923	MIR886	0.268115	0.160997	1.51613	1.51613	0.0936297	0.635657	1.57447	0.44042	0.555351	1.79745	1.79745	0.844242	0.427712	2.33799	0.427712	2.33799	0.0258542	1.74642	1.74642	0.0438569	0.15627	6.39822	0.0438569	0.15627	6.39822	0.0438569	0.15627	6.4002	0.0438569	0.15627	6.4002	0.0438569	0.15627	6.4002

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. 117 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. 127 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. 477 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. 537 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. 377 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg09586646	PSMD5;LOC253039	0.268477	0.239614	1.47458	-1.10949	1.05151062	1.83112	1.83112	3.83523	1.77978	1.77978	0.857677	0.896897	-1.11496	0.0963988	0.330694	-1.02394	0.510703	1.667363	-1.49843	0.3643904	0.568365	-1.75943	0.8379075	1.13215	1.13215	0.852847	0.893546	1.113154	1.56887
cg00423035	ATXN7L1;ATXN7L1	0.268477	0.19628	1.038532	-2.95393	1.0344414	2.16409	2.16409	0.682564	1.38535	1.38535	0.656657	0.701414	-1.42569	0.0708557	0.201918	-4.95251	0.774551	1.796406	-1.25564	0.8671763	1.14191	1.14191	0.0354541	0.143552	-6.9661	0.953532	0.954857	-1.04728	1.56887
cg09783309	DNAL4	0.268485	0.498296	0.896191	-1.11583	0.5983954	1.08843	1.08843	0.766062	1.04872	1.04872	0.445211	1.1321	1.1321	0.0811153	1.16112	1.16112	0.544885	0.906929	-1.10262	0.0702922	0.724286	-1.38067	0.18291	1.25272	1.25272	0.445692	1.13194	1.13194	1.56884
cg14681629	C5orf39;LOC153684	0.268486	0.367324	0.402217	-2.48622	0.0421689	0.99586	0.99586	0.992632	0.99096	-1.00912	0.303871	0.84991	2.84991	0.110006	5.54091	5.54091	0.097826	5.99122	5.99122	0.513449	1.91893	1.91893	0.783917	0.763122	-1.31041	0.585149	1.71966	1.71966	1.56883
cg15198068	GNB1L	0.268489	0.0693988	0.238757	-4.18835	0.775223	1.2236	1.2236	0.62813	1.43062	1.43062	0.321961	0.486171	-2.05689	0.0311097	0.16807	-5.94991	0.515901	0.628559	-1.59094	0.126462	0.311838	-3.20679	0.734637	0.786779	-1.27101	0.535649	0.642668	-1.55601	1.56883
cg22929808	B4GALNT1 PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.268496	0.54619	1.18962	1.13952	0.0232215	0.476511	1.03859	0.694786	1.11621	1.11621	0.968564	0.980074	-1.01055	0.83417	1.06019	-1.06019	0.781903	0.925548	-1.08044	0.836092	0.944082	-1.05923	0.223315	0.698782	-1.43106	0.130474	1.57667	1.57667	1.5888
cg17560015	PLEC1;PLEC1	0.268496	0.755024	1.18075	1.18075	0.936188	-1.04942	1.04942	0.329698	0.586281	-1.70567	0.598364	0.718425	-1.39193	0.609204	1.31481	1.31481	0.503556	1.4353	1.4353	0.0307003	4.38711	4.38711	0.1646939	2.1965	2.1965	0.508451	0.70041	-1.42773	1.5888
cg03854765	SLC23A2;SLC23A2	0.26825	0.268636	1.69229	1.69229	0.256494	1.76059	1.76059	0.517044	1.36852	1.36852	0.186413	1.95221	1.95221	0.198164	1.93443	1.93443	0.254542	1.76505	1.76505	0.111692	0.437209	-2.28724	0.804959	0.890486	-1.12298	0.266817	0.575499	-1.73762	1.56879
cg14425257	CKAP2;CKAP2	0.268509	0.21521	0.695579	-1.42943	0.196769	0.688144	-1.45318	0.0928109	1.65943	1.65943	0.189413	0.683376	-1.46332	0.592341	1.15954	1.15954	0.596147	1.15775	1.15775	0.677461	1.12137	1.12137	0.882121	0.960179	-1.04147	0.158844	1.5105	1.5105	1.56876
cg05349097	PIGQ;PIGQ	0.26851	0.277106	0.429377	-2.32892	0.1555059	0.99586	0.48373	0.3515	0.323224	-3.09383	0.659461	0.87412	-1.14401	0.0158408	0.20001	-4.99951	0.2129	0.36912	-2.707	0.438065	0.548561	-1.82295	0.0442722	0.558588	0.150107	0.310011	-3.22569	1.56875
cg17114573	LG4;LIG4;LIG4	0.268513	0.0536926	0.792886	-1.26122	0.257281	0.882286	-1.13342	0.999418	0.999923	-1.00008	0.492583	0.91866	-1.08814	0.195295	0.860653	-1.16191	0.237199	0.87706	-1.14017	0.0803358	0.842184	-1.22813	0.578702	1.06122	1.06122	0.459265	1.08309	1.08309	1.56874
cg07150988	ESPN	0.268514	0.807502	1.02912	1.02812	0.818811	0.51253	-1.05119	0.313759	0.80458	-1.24238	0.684077	1.09201	1.09201	0.313235	1.47253	1.47253	0.584531	1.13615	1.13615	0.128662	0.156169	1.42764	1.42764	0.0678844	1.55238	1.55238	0.53474	1.15017	0.651715
cg17167253	EN1	0.268515	0.221871	0.3383	-2.95936	0.0959619	0.213654	-4.68045	0.794557	0.802286	-1.24644	0.402068	0.499027	2.00359	0.404004	2.00502	2.00502	0.303522	0.406725	-2.4586	0.18721	1.25449	1.25449	0.178258	3.34483	3.34483	0.539415	1.68961	1.68961	1.56874
cg10724490	KDELR2;KDELR2	0.268517	0.661285	1.07198	1.07198	0.6496096	0.72128	-1.38642	0.179573	1.252	1.252	0.552201	0.909539	-1.09946	0.239142	0.821579	-1.21717	0.181781	0.799739	-1.25041	0.134953	0.772636	-1.28927	0.312272	0.847753	-1.17959	0.788414	0.958477	-1.04332	1.56873
cg09534624	SESTD1	0.268519	0.939909	1.02977	1.02977	0.843128	1.05852	1.05852	0.523572	0.836489	-1.19505	0.819368	1.1939	1.3637	0.76889	0.902519	-1.10801	0.962332	1.01349	1.01349	0.0928888	0.447977	-2.23226	0.351355	1.31276	1.31276	0.222687	0.609519	-1.43846	1.56872
cg10845886	TTC15	0.268522	0.926475	1.10468	1.10468	0.0958622	7.19101	7.19101	0.01753	22.6065	22.6065	0.880663	0.850404	-1.17591	0.466512	0.449663	-2.22389	0.683123	0.6423	-1.55691	0.70052	1.5172	1.5172	0.99467	1.00723	1.00723	0.789987	0.74982	-1.33365	1.56871
cg06096916	MAD1L1;MAD1L1;MAD1L1	0.268524	0.629854	1.08426	1.08426	0.2946279	1.35804	1.35804	0.452792	1.13588	1.13588	0.33273	0.846661	-1.18111	0.0819487	0.726828	-1.37584	0.943476	0.988257	-1.01188	0.327265	1.25511	1.25511	0.39299	0.952202	-1.21653	1.56871	0.6489458	0.909673
cg12240046	ATP5I	0.268561	0.855661	1.363322	-1.03807	0.21942	1.30347	1.30347	0.0288552	1.69702	1.69702	0.888203	0.974564	-1.02929	0.362256	1.2117	1.2117	0.858037	0.963922	-1.03743	0.244065	0.787505	-1.26983	0.806891	0.950983	-1.05154	0.153259	1.36867	1.36867	1.56872
cg11782684	MIR548C;RASSF3	0.268528	0.224775	1.32841	1.32841	0.800614	0.945196	-1.05798	0.345128	0.805281	-1.2418	0.83644	0.955003	-1.04712	0.940824	1.01667	1.01667	0.145768	1.41601	1.41601	0.0220627	1.84313	1.84313	0.561442	1.13971	1.13971	0.784213	0.940697	-1.06304	1.56869
cg07442127	CDKN2B;CDKN2B	0.268528	0.254528	1.38779	1.38779	0.574882	1.50479	1.50479	0.300494	1.34383	1.34383	0.432157	1.24709	1.24709	0.474638	1.2274	1.2274	0.898256	1.03586	1.03586	0.883088	1.69644	1.69644	0.0918992	1.83896	1.83896	0.131508	1.56591	1.56591	1.56869
cg00956091	LRP8;LRP8;LRP8;LRP8	0.268528	0.880972	0.977889	-1.02261	0.744047	0.952287	-1.0501	0.0980314	0.762752	-1.31104	0.583601	0.920757	-1.08611	0.318783	1.1662	1.1662	0.432663	1.12692	1.12692	0.0279321	0.678688	-1.47343	0.632083	1.07464	1.07464	0.612572	0.926628	-1.07918	1.56869
cg00945024	RNF125	0.268536	0.612339	1.07793	1.07793	0.2991318	1.23518	1.23518	0.137355	1.30464	1.30464	0.34752	1.34752	1.34752	0.779443	1.19259	1.19259	1.0000756	1.47661	1.47661	0.0178545	0.56481	-1.77045	0.0795445	0.687547	-1.45445	0.154649	0.87793	0.53715	0.651715
cg03844701	PFAS	0.268537	0.625646	0.855504	-1.1689	0.629129	0.16704	1.16704	0.0741074	1.88091	1.88091	0.49145	1.24833	1.24833	0.157044	0.618549	1.61669	0.402198	0.761752	-1.31276	0.649051	1.15654	1.15654	0.958747	1.01655	1.01655	0.0665924	1.92112	1.92112	1.56866
cg00804031	PIAS4	0.268548	?	?	?	0.0430501	1.08562	1.08562	0.462708	1.42598	1.42598	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
cg25000382	LOC652276	0.268566	0.0860666	0.725707	-1.37797	0.0938923	0.512883	1.51883	0.156022	1.22591	1.22591	0.950781	0.88962	-1.01409	0.0291182	1.1454	1.1454	0.424209	0.871135	-1.14793	0.321222	0.840942	-1.18914	0.0400122	0.742314	1.42147	0.359304	1.1727	1.1727	1.56862
cg23594656	TPST1	0.268569	0.208878	0.308397	-3.24257	0.385298	0.453658	-2.20431	0.508536	0.551239	-1.81409	0.364685	0.437291	-2.28681	0.0604657	0.152597	-6.55321	0.339492	0.417178	-2.39706	0.0216232	0.0863561	-11.58	0.876825	0.871326	-1.14768	0.179975	0.282368	-3.54148	1.56862
cg01715572	ARMC9 HHLA3;HHLA3;HHLA3;HHLA3;ANKRD13	0.268585	0.401726	0.604971	-1.65297	0.0629401	3.40443	3.40443	0.436378	1.59197	1.59197	0.770618	0.842651	-1.18673	0.437565	0.62894	-1.58998	0.48315	0.658799	-1.51791	0.173532	0.428393	-2.33485	0.412338	0.612123	-1.63366	0.113537	0.364822	-2.74107	1.56862
cg01557883	C	0.268551	0.667815	1.11234	1.11234	0.213718	1.38107	1.38107	0.0969536	1.56716	1.56716	0.506897	0.847006	-1.18063	0.765701	0.928954	-1.07648	0.397243	0.807542	-1.23832	0.162572	0.69237	-1.44431	0.11613	0.656332	-1.52362	0.463036	0.831764	-1.20226	1.56861
cg24430517	D2HGDH	0.268553	0.5930607	1.19348	1.19348	0.1858327	-1.16506	1.16506	0.0930494	1.34383	1.34383	0.432157	1.24709	1.24709	0.474638	1.2274	1.2274	0.898256	1.03586	1.03586	0.883088	1.69644	1.69644	0.0918992	1.83896	1.83896	0.131508	1.56591	1.56591	1.56869
cg00338893	MIR533;MIR533	0.268559	0.319582	1.25119	1.25119	0.763332	0.936324	-1.06801	0.348973	1.23376	1.23376	0.190985	0.739584	-1.35217	0.0407424	1.63881	1.63881	0.862338	0.962893	-1.03854	0.347989	0.830169	-1.2034	0.294929	0.789264	-1.267	0.156859	1.17922	0.668244	1
cg11037733	NOS3	0.268561	0.326384	1.20127	1.20127	0.5859357	1.03011	1.03011	0.896565	1.65557	1.65557	0.573391	0.5884	1.1084	1.165257	1.30701	1.30701	0.960259	1.03813	1.03813	0.0157654	1.16097	1.16097	0.0483115	1.0341	1.0341	0.587964	0.905786	1.10401	0.583843
cg18169187	SLC20A1	0.268567	0.0405545	1.7806	1.7806	0.602731	1.13666	1.13666	0.51987	1.1725	1.1725	0.594806	1.13992	1.13992	0.227716	1.36191	1.36191	0.936058	1.01977	1.01977	0.166824	0.697986	-1.43269	0.204052	1.38678	1.38678	0.151218	1.45526	1.56856	1.56856
cg22500730	KCNMB3;KCNMB3	0.268568	0.600767	0.833384	-1.19993	0.859439	1.04643	1.04643	0.321453	1.42416	1.42416	0.790179	0.912053	-1.09643	0.431802	0.758098	-1.31909	0.017397	0.368042	-2.71708	0.574527	1.21628	1.21628	0.98287	0.992616	-1.00744	0.166176	0.6007	-1.66473	1.56855
cg02629794	GLB1L2	0.268572	0.664823	1.09798	1.09798	0.3729531	1.31158	1.31158	0.0772301	1.78557	1.78557	0.570738	0.864603	-1.1582	0.307918	1.24752	1.24752	0.779443	1.19259	1.19259	0.145588	0.744967	1.24481	1.24481	0.531578	1.81317	1.81317	1.20291	0.542218	1.19672
cg08913013	DDR1;DDR1;DDR1	0.268573	0.291851	0.775358	-1.28973	0.289704	1.2913	1.2913	0.61968	0.800128	-1.12343	0.364681	0.805182	-1.24196	0.0610595	0.611968	-1.63407	0.235863	0.749025	-1.33507	0.218629	1.35122	1.35122	0.337578	1.25859	1.25859	0.607303	0.886515	-1.12801	1.56854
cg08980396	C11orf54;TAF1D	0.268585	0.807083	0.959654	-1.04162	0.5454252	1.01305	1.01305	0.143844	1.15444	1.15444	0.170035	0.862365	-1.15965	0.0904341	0.549011	-1.82082	0.24994	0.741132	-1.34907	0.0170322	0.436384	1.18132	1.18132	0.288654	1.19911	1.19911	0.0893377	1.49438	1.39919	1.56858
cg07387813	RPL14;RPL14	0.268586	0.618893	0.921945	-1.08466	0.365875	1.16249	1.16249	0.15526	1.27951	1.27951	0.755163	0.836489	-1.19585	0.279171	0.52854	-1.89201	0.401755	0.780196	-1.28126	0.154602	0.702319	-1.42385	0.403185	1.14871	1.14871	0.545248	0.905546	-1.10431	1.56849
cg26785234	EGFL8	0.268595	0.754588	1.12698	1.12698	0.2336	0.621227	-1.60972	0.407127	0.723797	-1.38162	0.162202	1.76629	1.76629	0.484238	0.762628	-1.31125	0.301744	0.665073	-1.50359	0.870434	0.939669	-1.0642	0.209868	1.65495	1.65495	0.0737699	2.13786	2.13786	1.56846
cg13757782	BVES;BVES	0.268597	0.5489	1.10679	1.10679	0.212752	0.34149	-1.24549	0.364164	1.16882	1.16882	0.695419	0.936298	-1.06833	0.0744703	0.712833	-1.40306	0.244966	0.732566	1.22566	0.0547075	0.694509	-1.43987	0.143176	0.768583	-1.3011	0.182402	0.10855	0.10855	1.56846
cg00689534	RASGRF1;RASGRF1;RASGRF1	0.268599	0.144219	0.417183	-2.39703	0.165202	0.438243	-2.28184	0.41565	0.628974	-1.58971	0.628799	0.528574	1.89107	0.0178137	0.52854	-1.89201	0.401755	0.780196	-1.28126	0.154602	0.702319	-1.42385	0.403185	1.14871	1.14871	0.545248	0.905546	-1.10431	1.56849
cg22582373	PAK6;PAK6;PAK6	0.268603	0.628203	1.14009	1.14009	0.3511358	1.44848	1.44848	0.241609	1.24945	1.24945	0.847441	0.792616	-1.26156	0.388771	1.60269	1.60269	0.242209	0.817941	1.22326	0.0113703	0.264106	3.78735	3.78735	0.0242618	1.44247	0.359304	1.1727	1.1727	1.56862
cg25732410	TRIM71	0.268605	0.527411	1.67636	1.67636	0.02621	8.39677	8.39677	0.0239341	8.7918	8.7918	0.559093	1.61067	1.61067	0.934017	1.06909	1.06909	0.452153	1.85524	1.85524	0.733143	1.31944	1.31944	0.619577	1.4975	1.4975	0.697416	1.3706	1.3706	1.56843
cg14332477	GJC1;GJC1;GJC1	0.268613	0.880879	1.05042	1.05042	0.6992126	0.90486	-1.25488	0.155825	0.934394	-1.07012	0.932045	0.940041	1.063118	0.0437255	0.424273	2.35706	0.102551	0.534394	1.87139	0.0003464	0.345659	-2.89255	0.0274496	0.423166	-2.37436	0.07874	0.852984	1.17636	1.56843
cg08642237	SPATS1L1;SPATS1L1	0.268621	0.94599	1.00846	1.00846	0.705082	0.953828	1.08441	0.251575	1.05707	-1.04486	0.513779	1.08581	1.08581	0.941292	0.990885	-1.0092	0.816912	1.09145	1.02755	0.872838	0.712114	1.40427	0.361503	0.889926	-1.12369	0.121924	1.23175	1.23175	1.56837
cg24340565	YGLL4;YGLL4	0.268631	0.403612	1.24235	1.24235	0.0441582	0.555945	-1.79874	0.113185	0.661138	-1.51254	0.837014	1.05369	1.05369	0.307749	0.764855	-1.30744	0.866727	1.04357	1.04357	0.897094	1.0334	1.0334	0.263342	1.34457	1.34457	0.26027	0.742193	-1.34736	1.56834
cg21835041	STEAP3;STEAP3;STEAP3	0.268634	0.346402	1.64147	1.64147	0.150103	0.849437	-1.0616	0.222761	0.559744	-1.78653	0.735296	0.857787	-1.16639	0.0258314	0.802024	-1.2466	0.158572	0.506133	-1.97577	0.0155359	0.375505	-2.66308	0.165204	0.894041	-1.17939	0.0254455	0.508764	-1.96547	1.56833
cg19855153	KIF26B	0.268638	0.321943	0.769969	-1.47066	0.891645	1.05272	1.05272	0.98277	0.992342	-1.00772	0.586681	0.813082	-1.22989	0.0088734	0.284996	-3.50882	0.976182	1.01132	1.01132	0.814494	1.09264	1.09264	0.80057	0.908995	-1.10012	0.273126	0.650555	-1.53715	1.56831
cg13602595	RPL11	0.268641	0.830078	0.933178	-1.07161	0.866046	1.05855	1.05855	0.868569	0.83947	-1.19265	0.788686	1.09029	1.09029	0.660828	0.50667	-1.97367	0.629817	1.16965	1.16965	0.0711441	1.07999	1.07999	0.0515859	0.490167	-2.04012	0.0815782	0.537318	-1.8611	1.5683
cg18168982	DDX50	0.268643	0.200704	0.752572	-1.32905	0.2178	0.889277	-1.12451	0.7460699	0.954015	-1.04782	0.994929	0.990777	-1.00092	0.802431	0.53709	-1.86193	0.658727	1.36363	1.36363	0.245721	0.88091	-1.12245	0.494466	0.72665	-1.37606	0.142493	1.25734	1.25734	1.5683
cg00380138	SNORA76	0.268648	0.25018	3.00624	3.00624	0.777501	1.29414	1.29414	0.64284	0.656486	-1.52326	0.616858	1.58327	1.58327	0.685817	1.44819	1.44819	0.957766	0.95296	-1.04936	0.240882	0.324679	-3.07996	0.983558	0.981426	-1.01893	0.0185237	0.0685874	-14.5799	1.62046
cg18113417	CYB5R1;MRPL37	0.268661	0.0315353	0.737403	-1.35611	0.48743	0.510251	1.96358	0.0415182	0.902258	1.10852	0.0723201	0.773557	1.29257	0.0258258	0.68392	-1.46232	0.464184	0.730735	-1.36947	0.318956	0.31615	1.01615	1.01615	0.975903	0.964004	-1.05924	0.8320157	1.03643	1.03643
cg08806632	LYL1	0.268661	0.8701	1.03103	1.03103	0.760066	0.94442	-1.05885	0.413253	0.855424	-1.16901	0.605404	0.907286	-1.10219	0.0243318	0.605894	-1.65045	0.284063	0.812402	-1.23092	0.402445	1.17347	1.17347	0.217979	1.27371	1.27371	0.350889	0.8359	-1.19631	1.56823
cg06695296	FCRSG	0.268669	0.754837	0.87756	-1.13952	0.0435892	0.43865	2.41865	0.807202	1.16317	1.85272	1.85272	0.900341	-1.09849	0.136317	1.85272	1.85272	0.900341	1.09849	1.11111	0.0904343	0.549011	-1.82082	0.24994	0.741132	-1.34907	0.0170322	0.436384	1.18132	1.56823
cg18363143	C14orf182	0.268673	0.595694	0.87011	-1.14928	0.10535	0.631459	-1.58363	0.0535536	0.565735	-1.76761	0.761651	0.909489	-1.09952	0.36942	0.787022	-1.27061	0.744003	1.08887	-1.08887	0.127609	0.53423	-1.87241	0.284128	0.747535	-1.33773	0.565562	1.860262	1.16244	1.56819
cg06745957	LIPT2	0.268675	0.396548	0.870521	-1.14874	0.554139	0.90885	-1.10029	0.829647	0.966172	-1.03501	0.481378	1.12109	1.12109	0.845953	0.969411	-1.03155	0.608049	0.9207	-1.08613	0.0216251	1.5535	1.5535	0.333015	0.852576	-1.17292	0.250122	1.21161	1.21161	1.56819
cg05638221	JAK1	0.268676	0.0462643	0.775496	-1.29001	0.538197	0.74509	-1.3427	0.402366	0.930944	-1.07441	0.718458	0.855533	1.43233	1.43233	0.698503	1.43127	0.916807	1.10179	1.10179	0.557103	0.632325	1.58049	1.58049	0.632325	1.58049	-1.12424	0.753119	0.926211	-1.07967	1.56818
cg09540111	STEGA1;STEGA1	0.268684	0.058129	0.461714	-2.16584	0.720455	0.878381	-1.13846	0.0742644	0.48784	-2.04985	0.108676	0.531832	-1.88029	0.226421	0.632326	-1.58146	0.422433	0.740405	-1.34408	0.0537957	0.453765	-2.20379	0.438228	0.751756	-1.33022	0.428746	0.747117	-1.33848	1.56816
cg22841810	EBF2	0.268685	0.582616	0.862214	-1.16028	0.0370737	1.51517	1.51517	0.0674376	1.30143	1.30143	0.41474	0.764574	2.49193	0.229416	2.49193	2.49193	0.648628	0.601819	1.66263	0.0474554	0.476905	2.09655	0.0474554	0.476905	2.09655	0.0474554	0.476905	2.09655	1.56816
cg05225038	DHX16;DHX16	0.268689	0.273376	1.27751	1.27751	0.452097	1.17891	1.17891	0.826879	1.04819	1.04819	0.735323	1.07562	1.07562	0.112182	1.45007	1.45007	0.829318	0.954674	-1.04748	0.0156242	1.89056	1.89056	0.762157	1.06739	1.06739	0.164505	1.37528	1.37528	1.56814
cg03222257	LSM1;BAG6	0.268691	0.21545	0.701269	-1.42599	0.990809	0.99687	-1.00314	0.154663	1.51414	1.51414	0.249541	1.38756	1.38756	0.109045	1.13181	1.13181	0.460784	0.815157	-1.22676	0.0976043	0.609745	-1.64003	0.265451	0.729163	-1.37144	0.572539	0.85624	-1.1679	1.56813
cg17491517	C15orf41;C15orf41	0.268691	0.117715	0.745111	-1.34191	0.418241	0.152211	-6.56601	0.731959	0.939382	-1.06453	0.102024	0.781494	1.3464	0.0225858	0.58192	-1.71882	0.909031	0.8864	-1.12814	0.0859296	0.674935	-1.48137	0.421859	1.15268	1.15268	0.58813	0.744836	0.422209	1
cg09740598	SLC13A2;SLC13A2;SLC13A2;SLC13A2	0.268694	0.523621	0.752844	-1.36455	0.58964	1.29933	1.29933	0.198159	0.51995	-1.92326	0.355413	0.633085	-1.57957	0.0669912	0.372553	-2.68418	0.255271	0.564872	-1.77031	0.038433	0.315561	-3.16896	0.149614	0.475719	-2.10208	0.372538	0.643876	-1.55309	1.56812
cg06595256	FCRSG	0.268695	0.3103198	0.730733	-1.36901	0.423353	0.815331	-1.2026	0.30311	0.726723	-1.37609	0.602507	0.818013	-1.22263	0.0902917	0.41307	-2.42067	0.2001	0.594876	-1.68121	0.0284557	0.178253	5.61236	5.61236	0.712368	1.40177	0.28163	0.178253	5.61236	1.56812
cg04817996	BAIAP3	0.268696	0.137074	0.548253	-1.82398	0.152286	1.77798	1.77798	0.94034	1.02428	1.02428	0.320883	0.680518	-1.46947	0.0374451	0.446381	-2.24024	0.894854	0.951586	-1.05088	0.287535	0.660724	-1.51349	0.170056	0.577859	-1.73053	0.719397	0.873373	-1.14499	1.56812
cg16576597	NUPR1;NUPR1	0.268696	0.137078	0.323761	-3.0887	0.0801494	0.254848	-3.92391	0.0155297	0.123675	-8.08572	0.677261	0.74472	-1.34279	0.342805	0.502458	-1.99022	0.648085	0.723536	-1.3821	0.70949	0.768337	-1.30151	0.691091	0.754824	-1.32481	0.779626	0.820752	-1.21839	1.56812
cg07264446	C2orf69	0.268708	0.0462643	0.775496	-1.29001	0.538197	0.74509	-1.3427	0.402366	0.930944	-1.07441	0.718458	0.855533	1.43233	1.43233	0.698503	1.43127	0.916807	1.10179	1.10179	0.557103	0.632325	1.58049	1.58049	0.632325	1.58049	-1.12424	0.753119	0.926211	-1.07967	1.56818
cg17723653	SYNPO2L;SYNPO2L	0.268712	0.405498	0.948004	-2.22765	0.950165	1.06059	1.06059	0.122738	0.84885	-1.17845	0.484885	0.835961	0.0997167	-10.0284	0.242663	0.316416	-3.16039	0.502939	0.527402	-1.89609	0.438649	2.10312	2.10312	0.622792	0.613932	-1.62884	0.572865	0.584974	-1.70948	1.56806
cg00402579	XRCC5	0.268715	0.538833	0.87012	-1.14931	0.4124	0.5	-2.00001	0.0003	0.4001	-2.49875	0.0003	0.4001	-2.49875	0.0003	0.4001	-2.49875	0.4001	0.870879	-1.14859	0.4124	0.5	-2.00001	0.0003	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
cg01226497	CYB5R		0.334744	0.833302	-1.20207	0.380334	0.846638	-1.18114	0.802162	0.954847	-1.04729	0.46824	1.1463	1.1446	1.33272	1.20305	1.20305	0.942954	1.01333	1.01333	0.0553846	1.49443	1.49443	0.1215254	0.754605	-1.52552	1.56738	0.849615	0.481833	1
cg02366487	DPP6;DDP6;DPP6		0.268913	0.734175	1.05033	1.703005	0.350035	0.95131	-1.05118	0.21198	1.20856	1.072851	0.811395	-1.23245	0.041602	1.4028	1.4028	0.298579	1.16793	1.16793	0.370158	1.14149	1.14149	0.885026	0.979369	-1.02107	0.185508	1.22419	1.22419	1.56737	0.515289	0.292232	1
cg01982455	RPS14;RPS14;RPS14;RPS14;RPS14		0.268919	0.656856	1.15427	1.15427	1.6026	1.617555	1.617555	0.950263	1.02022	1.02022	0.468469	0.789244	-1.26704	0.0427672	0.473176	-2.11338	0.184683	0.636719	-1.57055	0.454929	0.783323	-1.27661	0.556042	1.21054	1.21054	0.258892	0.68526	-1.4593	1.56735	2.55568	1.4494	1
cg04255048	KIF3;KIF3;KLHL18;KIF3		0.269592	1.00731	1.007311	0.931323	0.983803	-1.01659	0.0877276	1.43287	1.43287	0.194553	1.3081	1.3081	0.962316	1.00908	1.00908	0.4735804	1.14924	1.14924	0.466587	1.15187	1.15187	0.0162506	1.752318	1.75223	0.403972	1.177	1.177	1.56734	0.90403	0.512703	1
cg06340364	ZNF853		0.268922	0.193905	0.477853	-2.09269	0.326395	0.580215	-1.7235	0.765656	1.1742	1.1742	0.337737	0.588047	-1.70055	0.0968406	0.375362	-2.66226	0.237227	0.514144	-1.94498	0.0526567	0.306203	-3.26581	0.0549644	0.310617	-3.2194	0.488905	0.685432	-1.45893	1.56734	7.16476	4.06337	1
cg07467520	ROBO1;ROBO1		0.268923	0.575233	1.15865	1.15865	0.126858	1.53643	1.53643	0.445314	1.22429	1.22429	0.648663	0.887535	-1.12672	0.16245	0.678496	-1.47385	0.887416	0.963827	-1.03753	0.915238	1.02808	1.02808	0.517424	1.18613	1.18613	0.0316108	1.92604	1.92604	1.56734	1.6792	0.952332	1
cg07816200	RAK1BP1		0.268924	0.219004	1.17045	1.17045	0.336392	0.886318	-1.12836	0.144669	0.826344	-1.21015	0.68966	0.952305	-1.05008	0.212856	1.1732	1.1732	0.420522	1.10539	1.10539	0.380076	1.11586	1.11586	0.115786	0.812096	-1.23138	0.44949	0.910439	-1.09837	1.56731	0.367958	0.208682	1
cg07386299	MMP24		0.268924	0.069008	0.196078	-5.10204	0.0570585	0.740839	-1.34982	0.389165	0.496587	-2.01374	0.502145	0.58282	-1.71579	0.101817	0.241569	-4.1396	0.263468	0.396669	-2.52099	0.036094	0.144647	-6.91337	0.0198165	0.143483	0.288334	-3.46844	1.56733	1.56738	0.853714	1.56731	1
cg13389211	CCDC40		0.268927	0.363995	0.61849	-1.61684	0.476577	0.688811	-1.45178	0.0791083	0.366377	-2.72943	0.0466804	0.309395	-3.23212	0.0367751	0.286658	-3.48847	0.616521	0.771011	-1.297	0.426413	0.658177	-1.51935	0.473079	0.686703	-1.45623	0.20061	0.498452	-2.00621	1.56732	6.58492	3.73456	1
cg06128647	MYT1L		0.268928	0.820559	1.07393	1.073931	0.0197445	0.54503	-1.83403	0.134989	0.255715	-3.90725	0.0852596	0.0689399	-4.83082	0.0239128	0.474184	-2.14327	0.886649	1.0409	1.0409	0.978225	0.986395	-1.01388	0.973554	1.00953	1.009531	1.11652	0.707798	0.826767	1.20953	1.56732	6.83626	4.59355	1
cg06198190	LHX5		0.268929	0.877522	0.97107	-1.02979	0.141614	0.740184	-1.35101	0.0163696	0.572012	-1.74822	0.627085	0.09768	-10.9768	0.639547	0.109395	1.09395	0.827308	0.959263	-1.04247	0.588662	0.901287	-1.10952	0.72768	0.96881	-1.03281	0.482674	1.14547	1.56732	1.899488	0.510136	1
cg16045897	FHDC1		0.268934	0.0821134	1.72228	1.72228	0.183465	0.671444	-1.48933	0.838452	0.944012	-1.05931	0.206236	1.45689	1.45689	0.956108	0.984585	-1.01566	0.149772	1.54627	1.54627	0.879411	0.958055	-1.04378	0.13377	1.57844	1.57844	0.591609	0.858252	-1.16516	1.5673	1.97738	1.12146	1
cg18131116	RBKS;BRE;BRE;BRE;BRE;BRE		0.268936	0.211612	2.08181	2.08181	0.755236	0.840091	-1.19035	0.936385	0.956798	-1.04515	0.763829	1.18282	1.18282	?	?	?	0.822537	0.882349	-1.13334	0.0249358	0.226077	-4.42327	0.449459	0.650874	-1.5364	0.207875	0.477151	-2.09577	1.57023	6.86317	4.37079	1
cg05748497	MNX1		0.268944	0.228904	0.868196	-1.15181	0.159083	1.30925	1.07591	1.07591	0.284986	1.21821	1.21821	0.0824806	0.805305	1.22902	1.22902	0.10714	0.83588	-1.19633	0.0884818	0.809218	-1.23576	0.985116	1.00209	1.00209	0.562625	0.93658	-1.06771	1.56728	0.311004	0.176388	1
cg02040433	NDRG4;NDRG4;NDRG4		0.268942	0.0308774	3.60628	3.60628	0.465891	0.680943	-1.45572	0.446421	1.481	1.481	1.481	0.565711	0.745417	-1.34153	?	?	?	?	?	0.238968	1.86649	1.86649	0.731836	1.19013	1.19013	0.575567	0.751086	-1.3314	1.57342	4.96299	3.60487	1
cg04156494	C14orf118;C14orf118		0.268942	0.998033	0.999697	-1.0003	0.474236	0.914486	-1.09351	0.923979	0.988345	-1.01179	0.214335	0.851651	-1.17419	0.131223	0.818603	-1.22159	0.447846	1.09968	1.09968	0.363236	1.12162	1.12162	0.916956	0.987271	-1.01289	0.0412701	1.33532	1.33532	1.56727	0.374503	0.123402	1
cg09880724	FBXO31;MAP1LC3B		0.268944	?	?	?	?	0.0847025	0.0846077	-11.8193	0.712365	1.44812	1.44812	0.200072	2.87688	0.623711	0.63966	1.63966	?	?	?	?	0.88555	1.15474	1.15474	0.474896	0.483034	-2.07025	?	?	1.62607	16.7685	12.031	1
cg26842424	SAFB		0.268946	0.278924	1.25302	1.25302	0.0815274	1.47231	1.47231	0.0918684	1.45038	1.45038	0.783279	0.946256	-1.0568	0.0923769	1.44937	1.44937	?	?	?	?	0.771865	1.05998	1.05998	0.0506375	1.56244	1.56244	0.59667	1.11294	1.11294	0.534293	1.1344	1.1344	1.56726	0.996473	0.565162	1
cg07566080	DAB1		0.268947	0.921049	1.04605	1.046051	0.215154	0.565618	-1.76798	0.154559	1.99766	1.99766	0.923862	1.04437	1.04437	0.537817	0.753296	-1.3275	0.654182	0.370713	-2.6975	0.0382824	0.270455	1.15003	0.134664	2.08015	2.08015	0.57156	0.771339	1.29645	1.56725	5.11877	2.90318	1
cg07925549	KRT75		0.26895	0.195166	0.726229	-1.37698	0.51974	0.858687	-1.16457	0.0179645	0.511053	-1.95675	0.827123	0.950219	-1.05239	0.509727	1.16898	1.16898	0.799642	1.06117	1.06117	0.361944	1.24455	1.24455	0.364401	0.80445	-1.24309	0.593985	0.881954	-1.13385	1.56724	1.3529	0.767323	1
cg25133887	C1orf85		0.268954	0.158284	0.854134	-1.17061	0.378611	1.16582	1.16582	0.0107965	0.400157	2.49859	0.348751	0.71682	-1.39542	0.0885329	0.241519	-4.14082	0.0505374	0.38218	0.38218	0.497017	1.458	1.458	0.88051	1.08573	1.08573	0.528189	0.705078	-1.41828	1.56721	7.42147	4.20931	1
cg05028588	FAM48B2		0.26896	0.274199	1.86292	1.86292	0.0402917	1.65267	1.65267	0.130483	2.44249	2.44249	0.722546	1.21524	1.21524	0.497676	1.45713	1.45713	0.745578	0.836292	-1.19575	0.979901	0.986262	-1.01393	0.41515	0.61295	-1.5799	0.496219	1.46137	1.46137	1.56721	0.748404	0.4248	1
cg26488662	ADRA1B		0.268961	0.0987173	0.370036	-2.70244	0.313141	1.77335	1.77335	0.248857	0.515859	-1.93839	0.799751	1.14979	1.14979	0.0357901	0.261491	3.82422	0.152217	1.0958	1.0958	0.34655	1.73946	1.73946	0.0866242	1.35233	1.115992	0.587454	1.70225	0.979047	0.991856	1.00821	1.56723	2.06563	1.365	1
cg26470696	TMEM52		0.268962	0.0577795	0.451962	-2.21258	0.260143	0.647381	-1.54469	0.0237817	0.368295	-2.71522	0.279163	0.659335	-1.51668	0.265605	0.650863	-1.53642	0.318684	0.682823	-1.46451	0.632394	0.836552	-1.19538	0.154733	0.569028	-1.75738	0.521192	0.786065	-1.27216	1.5672	3.40155	1.9293	1
cg04021430	CRCL;VPS35		0.268965	0.576187	0.891082	-1.12218	0.837313	0.984716	-1.01552	0.438813	1.12549	1.12549	0.93265	0.98563	-1.01458	0.0427466	0.615267	1.61567	0.313863	1.16794	1.16794	0.146734	1.04014	1.04014	0.946197	0.945619	-1.05713	0.0955313	0.912397	1.31758	1.56719	0.565313	0.312697	1
cg10214629	CRLS1;CRLS1		0.268974	0.295334	0.508292	-1.96737	0.13441	0.365508	-2.73592	0.144109	0.375898	-2.66035	0.476631	1.57028	1.57028	0.138437	0.208329	4.8001	0.29999	0.511843	-1.95372	0.189294	0.420184	-2.37991	0.735345	0.809237	-1.23559	0.317648	0.52514	1.56716	0.565036	0.547365	1
cg00647528	ZNF396		0.268976	0.0590086	0.379079	-2.63798	0.409075	0.639157	-1.56355	0.646637	1.27743	1.27743	0.144778	0.435711	-2.2951	?	?	?	0.182371	0.472032	-2.11185	?	?	?	0.159149	0.450152	-2.22147	0.157667	4.68405	3.36114	1
cg03525591	KLHL18		0.268979	0.534694	0.807304	-1.23868	0.0181009	0.448825	-2.23804	0.0522313	0.840163	1.19048	0.857825	1.14834	1.14834	0.313064	0.870492	1.14896	0.285514	1.12634	1.12634	0.203691	1.27988	1.27988	0.400436	0.853581	-1.17153	0.524719	0.888195	-1.12588	1.56714	0.839714	0.476289	1
cg08188271	BTN2A2;BTN2A2		0.26898	0.847094	0.956808	-1.04514	0.038234	0.577353	-1.73204	0.050818	0.601168	-1.66343	0.982427	0.994975	-1.00505	0.714876	0.919511	-1.08754	0.558597	0.873464	-1.14487	0.235262	1.32911	1.32911	0.446063	0.83724	-1.1944	0.443815	0.836475	-1.19549	1.56714	1.29831	0.736409	1
cg00114479	KCNB2		0.268987	0.34807	0.799951	-1.25051	0.0184488	0.510005	-1.96005	0.0210705	0.337839	2.96013	0.227255	0.730779	-1.36893	0.0782882	0.337839	2.96013	0.667944	0.915354	1.0936	0.428948	0.575447	-1.73779	0.0855652	0.822967	-1.21526	0.85012	0.880219	-1.13624	1.56713	1.72443	1.09	1
cg16320159	ADD3		0.268982	0.636633	0.853764	-1.17128	0.166074	0.612213	-1.63342	0.194398	0.633748	-1.57791	0.118116	1.75723	1.75723	0.703735	1.13535	1.13535	0.424493	1.31126	1.31126	0.614764	0.844847	-1.18365	0.571465	1.20924	1.20924	0.0903611	1.85895	1.85895	1.56713	2.73968	1.55396	1
cg02071074	ATP7B;AU011;ATP7B		0.268982	0.447214	0.825449	-1.21146	0.307989	0.770053	-1.29861	0.240234	1.35592	1.35592	0.575861	1.1502	1.1502	0.237528	0.736087	1.35853	0.849972	1.0401	1.0401	0.943813	0.563537	-1.77451	0.500553	0.844246	-1.18449	0.121022	0.659465	-1.51638	1.56713	1.52187	0.863218	1
cg09908352	RUFY3;RUFY3;RUFY3;RUFY3;RUFY3		0.268986	0.995381	1.00468	-1.00004	0.0157204	1.02403	1.68403	0.071169	2.60662	2.60662	0.132811	1.64418	1.64418	0.0442602	0.507829	1.70118	0.298525	1.08391	1.08391	0.714128	0.780957	-1.28007	0.713003	0.974128	0.970597	-1.75145	0.289713	0.583024	1.60534	1.56714	0.52072	0.009	1
cg03939709	ABR;ABR		0.268987	0.831573	1.09586	1.09586	0.0782049	2.3187	2.3187	0.3044	0.633078	-1.57958	0.451253	1.39083	1.39083	0.100921	0.462004	-2.16448	0.316762	0.640925	-1.56025	0.32047	1.55461	1.55461	0.331736	1.5379	1.5379	0.784335	1.12514	1.12514	1.56712	4.58514	2.60075	1
cg04519937	PSMD2		0.268992	0.791559	1.06355	1.063551	0.0654548	1.74548	0.252581	1.37628	1.37628	0.364526	0.980181	1.01002	1.01002	0.960124	0.991342	1.00942	0.0920508	0.60904	-1.6419	0.302551	0.754757	-1.32493	0.407307	0.460923	1.2172	0.127121	0.53423	0.860639	1.15923	0.562571	1.77445	1.6065	1
cg25642917	NTM;NTM;NTM;NTM		0.26899	0.561886	1.51013	1.51013	0.0302122	0.61249	0.490016	1.63692	1.63692	0.928016	0.938468	-1.06557	0.844141	0.870802	1.14837	0.739218	0.790727	-1.26466	0.36304	0.230001	-4.3478	0.669103	1.35279	1.35279	0.896032	1.09624	1.09624	1.56711	12.2601	6.95412	1
cg17307615	MGMT		0.268991	0.880291	0.965368	-1.03587	0.527904	0.861079	-1.16133	0.720414	0.919382	-1.08769	0.369674	0.806165	-1.24044	0.1009	0.656913	-1.52227	0.448481	0.834723	-1.198	0.0723646	1.59833	1.59833	0.16726	1.41099	1.41099	0.404256	0.819061	-1.22091	1.5671	1.35759	0.770048	1
cg17615135	TMA5P18		0.268998	1.325621	1.325621	0.0178593	0.0276704	1.72305	1.72305	0.0262481	0.454958	2.24236	0.645442	1.21632	1.21632	0.0111195	0.480247	2.08226	0.613691	1.60408	1.60408	0.0202742	1.24038	1.24038	0.387405	1.45424	1.45424	0.256538	1.64969	1.64969	1.56708	4.13443	2.51533	1
cg04226536	LAYN		0.269004	0.263223	0.489128	-2.04445	0.0967204	0.326295	-3.05858	0.296128	0.514678	-1.94296	0.858181	1.11535	1.11535	0.446966	0.247993	4.03238	0.709155	0.794756	-1.25825	0.111565	0.34998	-2.85731	0.369744	1.75905	1.75905	0.923855	0.942342	-1.06119	1.56706	9.32982	5.2922	1
cg06526980	AGAP1;AGAP1		0.269013	0.369393	0.814859	-1.22763	0.0977207	0.631337	-1.58384	0.0148934	0.669323	-1.49405	0.727513	0.980487	-1.02043	0.920059	1.04446	1.04446	0.915564	1.07005	1.07005	0.464444	0.875772	-1.14192	0.754774	0.845723	-1.18301	0.454552	0.484836	0.878826	1.25173	0.826903	1.365	1
cg26065919	DEDD;DEDD;DEDD		0.269017	0.285052	0.819634	-1.22006	0.527847	1.12139	1.12139	0.377706	0.850334	-1.17601	0.0487929	0.668268	-1.49641	0.395609	0.855702	-1.16863	0.274817	0.815856	-1.22571	0.302345	0.825812	-1.21093	0.765786	0.947896	-1.05497	0.127729	1.3431	1.3431	1.56701	0.796274	0.451686	1
cg16437563	GABARAP;L1GABARAP;L1		0.269019	0.340184	1.39379	1.82908	0.202048	0.724172	-1.28743	0.625679	0.858746	-1.16449	?	?	?	?	?	?	0.313863	1.16794	1.16794	0.146734	1.04014	1.04014	0.946197	0.945619	-1.05713	0.0955313	0.912397	1.31758	1.56719	0.565313	0.312697	1
cg06563943	CDC1		0.269037	0.0482531	0.524623	-1.90623	0.270638	0.720154	1.3879	0.242686	0.09095	-4.1825	0.389624	1.28654	1.28654	0.665937	0.883259	1.13217	0.105199	1.65855	1.65855	0.74809	0.912023	-1.09646	0.481636	0.815129	-1.2268	0.801186	0.930427	1.07477	1.56701	2.07027	1.14986	1
cg04874825	SMYD3;SMYD3		0.269039	0.602658	1.17103	1.17103	0.473671	0.802447	-1.24619	0.215686	0.675898	-1.47951	0.439591	1.26739	1.26739	0.377046	1.31322	1.31322	0.355553	1.33067	1.33067	0.0223856	2.2763	2.2763	0.72314	1.11285	1.11285	0.63189	0.86494	-1.15615	1.56701	2.2427	1.17218	1
cg02090240	SEP2		0.269042	0.864935	0.953343	-1.04949	0.0181009	0.448825	-2.23804	0.0522313	0.840163	-1.19048	0.105687	0.857847	-1.16584	0.313064	0.870492	1.14896	0.285514	1.12634	1.12634	0.203691	1.27988	1.27988	0.400436	0.853581	-1.17153	0.524719	0.888195	-1.12588	1.56714	0.839714	0.476289	1
cg09558189	ZNF575		0.269021	0.221363	0.786209	-1.27193	0.354415	0.836715	-1.19515	0.755673	1.06015	1.06015	0.219107	1.27358	1.27358	0.222543	0.78674	-1.27107	0.122248	0.73096	-1.36806	0.957344	1.01006	1.01006	0.884669	0.973307	-1.02753	0.0970842	1.40599	1.40599	1.567	0.868941	0.492912	1
cg07009214	NTNG1;NTNG1;NTNG1		0.269029	0.18539	1.83297	1.83297	0.0195107	0.676166	-1.47893	0.828641	1.08402	1.08402	0.349935	1.43282	1.43282	0.895596	0.952311	-1.05008	0.155389	1.77132	1.77132	0.152441	1.56181	1.56181	-1.7798	0.44653	0.748574	-1.33587	0.190283	0.59406	-1.68333	1.56704	3.54741	1.62455	1
cg17229388	C13orf16		0.269029	0.08038049	0.453833	-2.20411	0.684599	0.968604	-1.03212	0.315748	0.805245	-1.24186	0.0521955	0.61917	-1.61917	0.963361	1.01007	1.01007	0.640514	0.902458	-1.10808	0.71556	0.923244	-1.08314	0.194729	0.741314	-1.34896	0.550519	1.14089	1.14089	1.56697	1.18182	0.670403	1
cg20739864	PSMA4;PSMA4;PSMA4		0.269031	0.307764	1.27863	1.27863	0.506242	0.531372	-1.88192	0.0494128	0.529108	-1.88997	0.592659	1.16567	1.16567	0.95105	0.982884	-1.01741	0.587717	1.16831	1.16831	0.466414	1.04895	1.04895	0.52388	1.20125	1.20125	0.496103	0.821863	-1.21675	1.56696	1.99991	1.13448	1
cg25772143	AMPD2;AMPD2;AMPD2		0.269036	0.274641	1.36503	1.365027	0.379974	0.762684	-1.31119	0.0130192	0.2098	3.2098	0.178824	0.561358	1.5585	0.154199	0.652716	1.65587	0.785678	1.04055	1.04055	0.842478	0.856136	1.06136	1.06136	0.509733	1.15372	1.15372	0.61897	0.860571	-1.16208	1.56695	2.16291	1.26291	1
cg22285438	ABR;ABR;ABR		0.26904	0.187138	0.559932	-1.78593	0.945985	1.0285	1.0285	0.148413	1.90215	1.90215	0.711132	0.857018	-1.16684	0.133675	0.511207	-1.95616	0.136036	0.5136	-1.94704	0.367766	0.681301	-1.46778	0.195707	0.566896	-1.76399	0.149402	0.526661	-1.89876	1.56693	4.26979	2.42216	1
cg13576094	ZNF462;MIR548Q		0.269041	0.386099	0.791524	-1.26339	0.645562	0.546343	-1.83035	0.476812	1.31013	1.31013	0.771186	1.07992	1.07992	0.103103	1.48069	1.48069	0.391467	0.793355	-1.26047	0.250195	1.37281	1.37281	0.934005	1.02208	1.02208	0.352028	0.776845	-1.28726	1.56693	1.72515	0.978641	1
cg12908607	ARTN;ARTN;ARTN;ARTN;ARTN CNOT7;CNOT7;VPS37A;CNOT7;VPS37A;		0.269046	0.233852	0.430476	-2.32301	0.0897758	0.153605	0.153605	0.179074	2.62191	2.62191	0.458285	1.66534	1.66534	0.669238	0.748103	1.33671	0.237109	0.433238	2.3082	0.178124	1.2736	1.2736	0.481636	0.815129	-1.2268	0.801186	0.930427	1.07477	1.5671	2.07027	1.14986	1
cg23413494	CNOT7		0.269051	0.309636	1.24955	1.24955	0.40523	0.834899	-1.19775	0.787537	0.944367	-1.05891	0.365248	1.2179	1.2179	0.243684	1.29495	1.29495	0.463737	1.1712	1.1712	0.0167567	1.8564	1.8564	0.342142	1.23047	1.23047	0.357033	1.22228	1.22228	1.5669	1.11422	0.632091	1
cg20285224	RFPL1S;RFPL1		0.269052	0.968874	0.97658	-1.02398	0.67114	1.29614	1.29614	0.382055	0.580143	-1.72371	0.441996	1.60985	1.60985	0.109121	0.346064	-2.88964	0.0651159	0.284284	-3.51761	0.088053	0.318768	-3.13707	0.429025	1.63126	1.63126	0.951762	0.963924	-1.03743	1.5689	0.915419	0.519311	1
cg04658601	CPLX1		0.269053	0.525137	0.842156	-1.18721	0.507335	0.748639	-1.33591	0.117201	0.49376	-2.43976	0.191544	1.58422	1.58422	0.0967179	0.63098	-1.58474	0.506316	1.43413	1.43413	0.147279	1.18465	1.18465	0.0847379	0.74074	-1.35007	0.0982865	0.84564	0.886708	1.09033	1.08039	0.582688	0.81464	1.56702	3.86708	2.47435	1
cg01508036	IDUA;SLC26A1;SLC26A1;SLC26A1		0.269058	0.910015	1.05801	1.05802	0.571299	0.751712	-1.3303	0.0434621	0.31876	3.31876	0.501771	1.40507	1.40507	0.172102	0.484289	2.06488	0.701037	0.824945	-1.2122	0.596405	0.765967	-1.30554	0.0965766	0.248448	0.248448	0.67817	1.23142	1.23142	1.56687	0.17552	3.50338	1
cg24583410	BAK1		0.26906	0.554116	0.876897	-1.14038	0.310449	0.794232	-1.25908	0.3879	0.82344	-1.21442	0.933403	0.981821	-1.01852	0.622288	1.11516	1.11516	0.298751	1.26671	1.26671	0.0204683	1.84605	1.84605	0.546039	1.14353	1.14353	0.429179	1.19383	1.19383	1.56687	1.19579	0.678376	1
cg27347194	VWF;VWF		0.269059	0.705319	0.892455	-1.12055	0.573973	0.847107	-1.18029	0.0894516	0.344048	-2.9073	0.352073	0.733218	-1.36385	0.362548	0.276002	-3.62416	0.778573	1.09621	1.09621	0.899427	0.958676	-1.04311	0.362548	0.709862	-1.41123	0.331692	0.722871	-1.38317	1.56686	2.60567	1.47421	1
cg19413693	VAV3		0.269063	0.158392	0.690198	-1.44886	0.930273	1.02175	1.02175	0.568174	0.86775	-1.15241	0.0494605	0.576224	-1.73544	0.129861	0.66875	-1.49533	0.869709	0.960437	-1.04119	0.625189	0.885977	-1.1287	0.191941	1.40447	1.40447	0.208404	0.721719	-1.38558	1.56686	1.50052	0.851255	1
cg15060598	IMID1C		0.269065	0.222443	1.68818	1.68818	0.668255	1.19352	1.19352	0.193825	0.75567	1.75567	0.110139	0.62663	-1.62663	0.576725	0.794294	-1.25898	0.0616404	2.16424	2.16424	0.0521125	2.46532	2.46532	0.0504104	1.83873	1.83873	0.348278	1.0859	1.0859	1.56685	4.11913	2.34817	1
cg01630197	SGOL2;SGOL2;SGOL2		0.269073	0.606899	1.33243	1.33243	0.271044	0.814859	1.18459	0.114439	0.380934	-2.58442	0.0704973	0.05847	3.05847	?	?	?	0.358261	0.593068	-1.68615	0.0402122	0.623735	-1.60675	0.561264	0.772626	-1.38184	0.858965	1.10336	1.10336	1.56675	0.75869	4.30558	1
cg00376480	CDL1BA1;CDL1BA1;CDL1BA1		0.269074	0.344496	1.37509	1.37509	0.179619	1.594	1.594	0.719711	1.1251	1.1251	0.292842	1.429	1.429	0.296827	1.42451	1.42451	0.750074	0.900737	-1.1102	0.0134769	2.71995	2.71995	0.212609	1.53638	1.53638	0.510938	1.24373	1.24373	1.56682	2.65537	1.50645

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105 047 vs. N) vs. N)	Fold-Change(1-p-value(105 057 vs. N) vs. N)	Fold-Change(1-p-value(111 117 vs. N) vs. N)	Fold-Change(1-p-value(112 127 vs. N) vs. N)	Fold-Change(1-p-value(121 221 vs. N) vs. N)	p-value(3477 vs. N)	Fold-Change(1-p-value(3537 vs. N) vs. N)	Fold-Change(1-p-value(3537 vs. N) vs. N)	Fold-Change(1-p-value(5377 vs. N) vs. N)	Fold-Change(1-p-value(5377 vs. N) vs. N)	Fold-Change(1-p-value(5637 vs. N) vs. N)	Fold-Change(1-p-value(5637 vs. N) vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23848822	CNST;TRIM2;CNST	0.269294	0.146266	0.62706	-1.5931	0.955542	0.983491	-1.01679	0.872892	1.04897	1.04897	0.581084	0.846693	-1.18107	0.71481	1.11581	-1.11581	0.46618	0.801374	-1.24786	0.01148	0.69	-1.57437	0.461165	0.799303	-1.25109	1.56606	2.21141	1.25519	1
cg07133894	C22orf26;C22orf28	0.269299	0.914473	1.02175	1.02175	0.466551	1.15994	1.15994	0.853621	1.03768	1.03768	0.607878	0.901552	-1.1092	0.431596	0.851518	-1.17437	0.07601	0.24	0.673423	-1.48495	0.0643	0.659614	-1.51604	0.566578	0.890471	-1.123	0.142911	1.37068	1.37068	1.56605	0.994577	0.564522	1
cg03171609	PXDNL	0.269305	0.96955	1.00959	1.00959	0.27876	1.32737	1.32737	0.748601	1.08374	1.08374	0.117103	1.53884	1.53884	0.410682	0.809761	-1.23493	0.0478	0.023	1.78647	1.78647	0.369074	1.26054	1.26054	0.310417	1.30179	1.30179	0.260547	0.744351	-1.34345	0.61801	1.56753	0.753513	1
cg23988827	SIRT1;SIRT1	0.269307	0.265864	0.652403	-1.53279	0.074876	0.4817	-2.07598	0.713264	0.872925	-1.14557	0.479459	0.30306	0.30306	0.108182	0.52448	-1.90665	0.898065	0.954303	-1.04789	0.920234	0.963789	-1.03757	0.134909	0.810261	0.445992	1.33116	1.33116	1.56602	3.36286	1.90879	1
cg02018802	GMPPA;GMPPA	0.269308	0.150321	0.581303	-1.72027	0.294958	1.46543	0.0398874	2.30643	2.30643	0.784742	0.908162	-1.10112	0.604861	1.2016	1.2016		0.267675	1.50077	1.50077	0.145014	1.73443	1.73443	0.84451	1.07153	0.97907	1.0927	1.0927	1.56601	3.07027	1.74272	1
cg04242577	SLC34A2	0.269313	0.2477	1.53674	1.53674	0.20512	1.6085	1.6085	0.276881	0.668938	-1.49449	0.325871	1.43425	0.0406356	0.0143489	-2.31756		0.62179	1.19337	1.19337	0.500153	0.784091	-1.27546	0.84955	1.06985	1.06985	0.882401	1.05403	1.05403	1.566	3.13488	1.77942	1
cg26599209	CYFIP2;CYFIP2	0.269316	0.244744	0.716528	-1.39562	0.723353	1.10226	1.10226	0.394791	1.26967	1.26967	0.852744	1.05222	1.05222	0.513281	1.19916	1.19916	0.86623	1.04727	1.04727	0.0185688	0.457526	-2.18567	0.92389	1.02652	1.02652	0.350482	1.30116	1.30116	1.56599	1.86121	1.05646	1
cg00534288	UPF1;UPF1;UPF1	0.269322	0.940359	0.975003	-1.02602	0.347529	1.03739	1.03739	0.864156	0.899438	-1.11181	0.507252	0.926387	-1.07946	0.551364	1.0709	1.0709	0.37064	1.11016	1.11016	0.0416672	1.36589	1.36589	0.115656	1.20054	1.20054	0.107025	1.22136	1.22136	1.56597	0.3203558	0.181845	1
cg14164458	MRTOX;KIAA0090	0.269325	0.639114	0.55607	-1.67792	0.992126	0.989276	1.03084	0.4874	2.6099	2.1699	2.1699	1.26855	2.285215	1.5695	1.56955	0.788508	0.896546	1.11539	0.532204	1.29303	1.29303	0.74862	1.43259	0.0151128	3.66221	3.36221	0.503332	1.31767	1.31767	1.56588	4.09144	2.32255	1
cg06898214	C22orf28;MOV10L1;MOV10L1;MOV10L1;MOV10	0.269327	0.269347	0.16985	1.811	1.811	0.189616	1.98863	0.540411	1.28625	2.285215	1.56965	1.56965	0.788508	0.896546	1.11539		0.532204	1.29303	1.29303	0.74862	1.43259	0.0151128	3.66221	3.36221	0.503332	1.31767	1.31767	1.56588	4.09144	2.32255	1
cg06898214	L1	0.26935	0.0534681	0.349566	-2.86069	0.186795	1.95533	1.95533	0.792705	1.13452	1.13452	0.314672	1.64582	1.64582	0.223421	0.54174	-1.84591	0.781738	0.875389	-1.14235	0.219323	0.538489	-1.85705	0.413952	0.670187	-1.49212	0.587843	1.2998	1.2998	1.56587	5.69458	3.23261	1
cg23154224	ZC3H7B	0.269355	0.350272	0.875517	-1.14218	0.136949	1.07248	1.24798	0.170024	1.22395	1.22395	0.113115	1.25264	1.25264	0.252442	0.990026	-1.01007	0.385413	1.13093	1.13093	0.245064	0.845244	-1.18309	0.217729	0.19638	1.19638	0.226828	1.19179	1.19179	1.56585	0.474157	0.269165	1
cg00186689	LOC285401	0.269357	0.756632	1.09581	1.09581	0.274139	0.715407	-1.39781	0.0132641	0.450245	-2.46764	0.45574	0.799651	-1.25055	0.554461	1.19181	1.19181	0.29127	0.724717	-1.37985	0.297197	0.727546	-1.37448	0.385406	0.769592	-1.29939	0.674234	0.881846	-1.13398	1.56585	1.24808	1.21941	1
cg01583329	CCDC51;CCDC72;CCDC72	0.269365	0.835385	1.07922	1.07922	0.404342	1.367	1.367	0.315693	0.683804	-1.46241	0.26105	1.53641	1.53641	?	?	?	0.39627	0.727403	-1.37475	0.68189	1.16299	1.16299	0.250256	1.553	1.553	0.0494474	0.439814	-2.27369	1.56873	2.96446	1.88972	1
cg02538199	PAIS;PAIS	0.269369	0.487384	0.652638	-1.53224	0.51024	0.5467385	-1.82938	0.562169	0.699907	-1.42858	0.151357	0.394234	-2.53657	0.75507	0.827399	-1.20861	0.675563	0.779239	-1.28326	0.0585534	0.274215	-3.64672	0.104749	0.29552	0.29552	0.319403	1.82957	1.82957	1.56581	9.09043	5.16052	1
cg25087152	THRB;THRB;THRB	0.269376	0.0449676	0.629775	-1.59242	0.220784	2.107488	2.19781	0.129718	1.343428	0.820962	-1.21808	0.498965	0.85800	0.03686	1.03686		0.73794	0.934379	-1.07023	0.769121	1.05568	1.05568	0.837212	1.0422	1.0422	0.0180683	0.675998	-1.47929	1.56578	1.01318	0.575179	1
cg01137537	NOS1AP;NOS1AP	0.269376	0.124796	2.35962	2.35962	0.672205	0.802614	-1.24593	0.946764	0.966089	-1.0351	0.171108	1.22314	1.22314	0.0515679	3.1419	3.1419	?	?	?	0.199854	2.01666	2.01666	0.134663	2.30089	2.30089	0.637521	1.27787	1.27787	1.56869	5.89469	3.75772	1
cg05429508	PIGG;PIGG	0.269377	0.478314	1.2964	1.2964	0.336244	1.17603	1.17603	0.218615	1.59748	1.59748	0.044204	1.23668	1.23668	0.401758	0.793911	-1.2596	0.490696	0.77719	-1.28669	0.653185	1.17661	1.17661	0.941423	1.02675	1.02675	0.31794	0.688876	-1.45164	1.61774	3.23647	1.55603	1
cg23230006	EFHC2	0.269377	0.0586662	0.548878	-1.8219	0.746349	1.09544	1.09544	0.224479	0.899348	-1.12048	0.260207	0.899348	-1.12048	0.260207	0.899348	-1.12048	0.185077	0.637841	-1.48403	0.260317	0.739087	-1.39065	0.501913	0.825789	-1.21096	0.265969	0.722119	-1.38481	1.56578	1.95631	1.11059	1
cg08316516	CDO1	0.269381	0.956001	1.0259	1.0259	0.859154	0.920988	-1.08579	0.864988	1.06955	1.06955	0.402706	0.972442	-1.48712	0.0943004	0.398557	-2.50311	0.215186	0.726965	-1.37558	0.237188	1.35349	1.35349	0.386829	0.805077	-1.24212	0.838002	0.951195	-1.05131	1.56575	1.48145	0.841033	1
cg03581974	TUBA1C	0.269387	0.453418	0.574275	-1.74132	0.614285	0.691397	-1.44635	0.926709	1.0691	1.0691	0.575996	0.663441	-1.50729	0.380109	0.520044	-1.92291	0.995151	0.995597	-1.00442	0.973652	0.9763	-1.02422	0.467473	0.584544	-1.71074	0.0133505	0.261	0.261	1.56574	13.0783	7.42468	1
cg03134295	ADK;ADK	0.269388	0.684628	1.09317	1.09317	0.71497	1.44732	-1.39781	0.0132652	0.822231	1.65092	1.32032	1.78176	0.941204	-1.06237	0.94324	1.06125	0.0131007	0.576304	1.73519	0.506463	0.863306	-1.15834	0.147125	0.72774	-1.37412	0.683193	0.914375	-1.09364	1.56574	1.18016	0.66999	1
cg19858718	C12orf65;C12orf65	0.269392	0.427623	1.37485	1.37485	0.528712	1.28512	1.28512	0.357711	1.45031	1.45031	0.745625	0.879898	-1.13649	0.615332	0.819435	-1.22035	0.0192249	0.328479	-3.04434	0.671873	0.845805	-1.18233	0.715179	1.15494	1.15494	0.28058	1.55403	1.55403	1.56573	3.83114	2.175	1
cg04166365	DENND1A;MIR601;DENND1A	0.269392	0.880604	0.932839	-1.0727	0.113542	1.132158	-1.19382	0.0661449	0.885555	-2.59366	0.65662	0.832884	-1.20054	0.0455442	1.19565	-1.19565	0.479313	0.7178	-1.40296	0.433129	0.930107	-1.44863	0.602833	1.03222	-1.0436	0.297521	1.64826	1.64826	1.56573	5.30925	3.01445	1
cg08320014	ZNF10	0.269393	0.317752	1.662754	-1.50886	0.614003	0.816263	-1.22456	0.440871	0.731201	-1.36761	0.437326	0.724105	-1.38102	0.283288	0.641435	-1.55901	0.0612296	0.416351	-2.31669	0.0185511	0.30272	-3.30179	0.111419	0.568054	-1.7604	0.346774	0.679828	-1.47096	1.56572	1.93438	2.23361	1
cg24604214	PKKCZ;PKKCZ;PKKCZ	0.269395	0.985515	0.99641	-1.00358	0.0464801	1.56703	1.56703	0.702974	1.07838	1.07838	0.323833	0.818147	-1.22227	0.343557	0.825146	-1.21191	0.927576	1.01807	1.01807	0.0957224	1.43397	1.43397	0.604501	0.902198	-1.1084	0.330717	0.820619	-1.21859	1.56572	0.962143	0.546227	1
cg10572313	MORC4;MORC4;MORC4;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(105T vs. N)	Fold-Change(1 vs.057)	p-value(111T vs. N)	Fold-Change(1 vs.111)	p-value(111T vs. N)	Fold-Change(1 vs.112)	p-value(112T vs. N)	Fold-Change(1 vs.121)	p-value(121T vs. N)	Fold-Change(1 vs.217)	p-value(217 vs. N)	Fold-Change(1 vs.347)	p-value(347T vs. N)	Fold-Change(1 vs.473)	p-value(353T vs. N)	Fold-Change(1 vs.537)	p-value(537T vs. N)	Fold-Change(1 vs.537)	p-value(537T vs. N)	Fold-Change(5 vs.563)	p-value(563T vs. N)	Fold-Change(5 vs.637)	t(Test)	SS(Test)	SS(Error)	F(Error)
cg24034369	PDXS;PDXS;PDXS;PDXS;PDXS	0.269723	0.710582	1.78322	-1.3455	0.131195	0.04825	-4.05145	0.561907	0.62664	-1.59585	0.782162	1.24685	1.24685	?	?	?	?	0.253078	1.37307	2.57307	0.991019	0.942729	-1.06075	0.0672367	5.2607	1.62879	12.3728	7.63379	1
cg27855149	HYMAI;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.269724	0.719346	0.920198	-1.50502	0.0173302	0.554683	-1.80283	0.91448	0.978392	-1.02209	0.905482	1.02445	1.02445	0.937679	1.01603	1.01603	0.491886	1.15152	1.15252	2.404082	1.28124	1.28136	0.900079	1.24406	1.24406	0.6391113	1.01081	1.01081	1.56459	1.02474	0.582181	1
cg16892255	PKM2;PKM2;PKM2	0.26973	0.119084	0.780414	-1.28133	0.774	0.13409	1.04309	0.439811	0.890958	-1.12239	0.386012	1.13905	1.13905	0.561959	0.917659	-1.08973	0.496679	0.90381	-1.10643	0.887474	1.02097	1.02097	0.03101941	1.45383	1.45383	0.613341	1.07342	1.07342	1.56457	0.532154	0.302336	1
cg07229802	ZBTB47	0.269731	0.488132	0.784374	-1.2749	0.161197	0.596914	-1.67528	0.119644	0.558631	-1.79009	0.726995	0.886157	-1.12847	0.0447852	0.451907	-2.21285	0.343423	0.734231	-1.40011	0.341014	0.712956	-1.40261	0.803797	0.917747	-1.08963	0.0373414	0.436644	-2.30073	1.56457	2.94629	1.6739	1
cg25404458	CABLES2	0.269736	0.213606	0.505519	-1.99793	0.694034	0.811439	-1.23238	0.978301	0.982684	-1.01762	0.306634	0.571585	-1.74952	0.126365	0.472298	-2.39637	0.0908726	0.373676	-2.67611	0.0434068	0.292194	-3.42239	0.219053	0.500043	-1.98003	0.0985724	0.383925	-2.60468	1.56455	6.9207	0.53703	1
cg20074569	SEPT3;SEPT3	0.269737	0.913126	0.978659	-1.02181	0.673196	1.08747	1.08747	0.922287	1.01948	1.01948	0.180752	0.755087	-1.32435	0.08069	0.683869	-1.46656	0.351675	0.827401	-1.2086	0.0373746	0.620302	-1.61212	0.79368	1.05318	1.05318	0.43213	1.17172	1.17172	1.56455	0.968231	0.550095	1
cg23113078	POP1;POP1;POP1	0.269738	0.140243	0.54094	-1.54604	0.953521	1.0525	1.0525	0.615455	1.28937	1.28937	0.172689	1.49036	1.49036	0.0615322	1.77466	1.77466	0.328557	1.31952	1.31952	0.107206	1.12167	1.12167	0.0415813	1.89267	1.89267	0.358899	1.29617	1.29617	1.56454	1.87323	1.06427	1
cg20600850	CHD4	0.269741	0.9485438	0.538815	-1.85592	0.537313	1.18883	1.18883	0.536279	0.842097	-1.18751	0.483997	0.820553	-1.21869	0.101934	0.620883	-1.61061	0.774826	0.924309	-1.08189	0.0413675	0.524324	-1.90722	0.760353	0.919474	-1.08758	0.356188	0.77072	-1.29749	1.56453	1.866	1.06017	1
cg07888912	KANK2;KANK2	0.269742	0.0834234	0.364388	-2.74433	0.115455	0.405939	-2.46343	0.0861744	0.368312	-2.71509	0.137179	0.43023	-2.33434	0.562969	0.734845	-1.36083	0.461355	0.673636	-1.48448	0.153474	0.447007	-2.2371	0.0979939	0.384331	-2.60192	0.133579	0.426369	-2.34539	1.56453	6.87716	3.90726	1
cg23472400	TAF6;TAF6;TAF6;TAF6	0.269743	0.814945	0.907355	-1.10193	0.0964802	0.58387	-1.71297	0.741068	1.1377	1.1377	0.232497	1.83375	1.83375	0.0488105	1.55653	1.55653	0.104966	0.725405	-1.37841	0.436021	0.951913	0.958248	-1.04357	0.891889	1.40794	0.823175	0.830115	-1.20465	1.56453	17.1483	0.74286	1
cg13583535	MBP;MBP	0.269745	0.736773	0.912933	-1.09537	0.616206	0.872443	-1.14621	0.587104	0.862386	-1.15957	0.130973	0.676082	-1.47911	0.503289	1.20131	1.20131	0.208335	1.4307	1.4307	0.0962265	1.64823	1.64823	0.154454	1.50918	1.50918	0.277565	0.737195	-1.35649	1.56452	1.80659	1.02642	1
cg20068166	C2CD4B	0.269747	0.516025	0.649855	-1.54108	0.737886	0.82144	-1.46748	0.395824	0.694585	-1.43888	0.288519	0.637049	-1.56974	0.0297067	0.342748	-2.9176	0.358394	0.627436	-1.48492	0.943711	1.02099	1.02099	0.0432756	0.379025	-2.638	0.173395	0.545455	-1.83353	1.56451	4.33853	2.44497	1
cg15992715	SLC9A2	0.269749	0.132486	1.48529	-1.48529	0.437992	1.21264	1.21264	0.227097	0.734159	-1.3621	0.40849	1.22878	1.22878	0.733624	1.08681	1.08681	0.503915	1.17973	1.17973	0.0754905	1.61967	1.61967	0.542591	1.16207	1.16207	0.0510345	1.70876	1.70876	1.56451	1.47155	0.836076	1
cg20976433	PUS7;PUS7	0.26975	0.486449	0.848071	-1.17915	0.523379	0.859774	-1.1631	0.286163	1.2945	1.2945	0.246454	0.753938	-1.32637	0.197447	0.728199	-1.37325	0.048621	0.591617	-1.69028	0.972441	1.00808	1.00808	0.572007	1.14233	1.14233	0.227563	1.34337	1.34337	1.5645	1.3456	0.764515	1
cg20964602	NOPS8	0.269753	0.131181	1.32497	-1.38103	0.0159332	0.675227	-1.48708	0.31085	0.815666	-1.22616	0.141202	0.781066	-1.36787	0.0749861	0.673849	-1.48401	0.0908742	0.685849	-1.45805	0.788819	1.05398	1.05398	0.808834	0.953605	-1.0486	0.902761	0.706357	-1.02422	1.56134	0.960245	0.462066	1
cg08745965	MIR886	0.269753	0.535931	1.6287	1.6287	0.352337	2.10602	2.10602	0.336379	2.16274	2.16274	0.456613	1.80397	1.80397	0.0938836	4.1945	4.1945	0.166196	3.1548	3.1548	0.0250304	7.96264	7.96264	0.145473	3.37499	3.37499	0.13653	3.48427	3.48427	1.56449	15.0053	8.52549	1
cg03477080	CCRL2;CCRL2;CCRL2	0.269755	0.898067	0.927876	-1.07773	0.889002	1.22989	-1.08426	0.0246618	0.209582	-4.7714	0.0649924	0.298122	-3.35433	0.306629	0.518925	-1.85555	0.783559	0.851444	-1.17448	0.118831	0.372021	-2.68802	0.354023	0.573241	-1.74447	0.334299	0.559	-1.78891	1.56449	8.45275	4.80257	1
cg07513965	RV1;ACRV1;ACRV1;ACRV1	0.26977	0.0711789	0.291101	-3.43523	0.828068	0.875309	-1.14245	0.284998	0.506619	-1.97387	0.656704	0.760401	-1.3151	0.0331387	0.217599	-4.5956	0.189261	0.42677	-2.34318	0.0988008	0.330135	-3.02906	0.674574	0.772151	-1.29508	0.2045838	0.440535	-2.26997	1.56443	9.28954	5.27818	1
cg30904897	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.269778	0.843744	1.07337	1.07337	0.934918	1.60687	1.60687	0.0618403	1.06617	1.06617	0.133773	0.693743	-1.44146	0.392551	1.36026	1.36026	0.215815	1.626631	-1.59583	0.430936	1.33433	1.33433	0.0543736	2.18899	2.18899	0.176139	1.6748	1.6748	1.56441	3.18969	1.81236	1
cg04187088	LYG2;VGLL2	0.269781	0.043651	0.205737	-4.86057	0.548704	0.512537	1.51237	0.976404	0.980039	-1.02037	0.0518078	0.22121	-4.52058	0.166983	0.362275	-2.73019	0.448844	0.59095	-1.69219	0.866259	0.851449	-1.12177	0.550116	1.51027	1.51027	0.570331	0.676365	-1.47849	1.5644	11.5145	6.54254	1
cg19332768	TGM3	0.26979	0.775817	0.945859	-1.05782	0.889169	0.756256	1.32245	0.743805	1.14973	1.14973	0.525846	1.74625	1.74625	0.0156546	1.34668	1.34668	0.0546739	1.52944	1.52944	0.128352	1.43992	1.43992	0.182038	1.3769	1.3769	0.0945371	1.09509	1.09509	0.306335	1.22944	1.22944	0.256437	0.536756	0.533027	1
cg13665159	HOXA2	0.269795	0.537364	1.37859	1.37859	0.953348	1.03053	1.03053	0.714227	0.827737	-1.20811	0.283656	1.77287	1.77287	0.597916	0.760642	1.31468	0.723401	0.833041	-1.20042	0.634923	0.782015	-1.27875	0.0185511	0.33886	4.33886	0.143988	2.24103	2.24103	1.56435	6.54716	3.7202	1
cg22267597	MYH10	0.269797	0.805552	0.870952	-1.14817	0.573221	0.549493	-1.81986	?	?	?	0.248025	?	?	0.0845973	0.853783	0.853783	0.736436	1.42668	1.42668	0.0245784	1.61797	1.61797	0.623952	0.594652	-1.68166	0.314859	2.98409	2.98409	1.56721	24.414	15.578	1
cg18176037	RAC1;LIMK2	0.269799	0.380604	0.556221	-1.67723	0.269021	1.91859	1.91859	0.161855	2.32295	2.32295	0.974229	1.01823	1.01823	0.0493222	0.623142	-1.61273	0.953475	0.966994	-1.03431	0.229855	0.484596	-2.06358	0.333401	0.563425	-1.77486	0.616741	1.74814	1.33662	1.56434	8.19195	4.64584	1
cg12396629	DERA	0.269803	0.868511	1.02305	1.02305	0.19299	1.20858	1.20858	0.57	1.08214	1.08214	0.463901	1.10795	1.10795	0.820606	1.03173	1.03173	0.0716915	0.758407	-1.31855	0.473666	1.1054	1.1054	0.548684	1.08703	1.08703	0.069947	0.756807	-1.32134	0.56432	0.4684496	0.262212	1
cg20985825	CBX7;CBX7;CBX7	0.269805	0.963044	0.975676	-1.02493	0.0409301	1.6051	1.6051	0.571642	1.35554	1.35554	0.960325	1.02678	1.02678	0.947831	0.950348	0.950348	0.0105938	0.762997	0.85149	-1.17441	0.553199	0.728077	1.37356	1.37356	1.37356	?	?	?	1.56426	6.29666	3.40462	1
cg25530261	NAT14	0.269808	0.19924	2.79671	1.29671	0.414567	2.37542	-1.17323	0.212554	0.77763	-1.28596	0.583164	1.112	1.112	0.183332	0.763047	1.31054	0.0439791	0.641487	-1.5588	0.600727	0.903795	0.715251	-1.39804	0.357544	2.79854	1.06712	1.06712	1.56431	2.909111	0.516586	1
cg15150652	XRCC4;XRCC4;XRCC4	0.26981	0.0469055	0.459106	-2.17815	0.203617	0.631781	-1.58283	0.979999	0.991457	-1.00862	0.10452	0.544847	-1.83538	0.186151	0.618979	-1.61556	0.0993804	0.538039	-1.8555	0.26237	0.67028	-1.49191	0.175023	0.6104407	-1.63825	0.183754	0.617162	-1.62032	1.5643	2.90162	1.64881	1
cg20299448	GAS7	0.269813	0.0255153	0.462607	-2.16295	0.165127	0.234978	-2.69	0.0731	0.274	-1.55455	0.971032	0.275	-3.63636	0.0731	0.275	-3.63636	0.0731	0.275	-3.63636	0.0731	0.275	-3.63636	0.0731	0.275	-3.63636	0.0731	0.275	-3.63636	1.56427	2.70054	1.64882	1
cg03260211	CDL1;CDL1;CDL1;CDL1;CDL1	0.269822	0.410056	0.677965	-1.47435	0.274342	0.591714	-1.69	0.0490012	0.354552	-2.82046	0.4506	1.42565	1.42565	0.0416308	0.338375	-2.9553	0.985843	0.991948	-1.00822	0.857173	1.18866	1.18866	0.633838	1.26458	1.26458	0.753004	0.864471	-1.15678	1.56426	5.2728	2.99627	1
cg18892127	ZNF445	0.269822	0.1255157	0.3925	-2.54753	0.0911275	0.34329	-2.91305	0.0417411	0.16677	-5.99625	0.0400116	0.1197	-8.35422	0.0216532	0.3239	-3.08735	0.0542208	0.375045	-2.66667	0.0244483	0.244483	-4.09091	0.0178571	0.244483	-4.09091	0.0178571	0.244483	-4.09091	1.56426	3.12397	1.64837	1
cg19329225	ME1	0.269829	0.759019	1.07932	1.07932	0.411508	1.23161	1.23161	0.147067	0.679758	-1.47111	0.035007	0.543667	-1.83936	0.110269	0.649353	-1.53999	0.680852	0.902491	-1.10804	0.520097	1.17556	1.17556	0.597512	0.876183	-1.14131	0.49878	0.843373	-1.18571	1.56423	1.52464	0.866392	1
cg03876697	IL17R	0.26983	0.120116	0.316778	0.6604425	0.236005	-4.23721	0.161609	0.38443	-2.60125	0.549145	0.661418	-1.5119	0.101829	0.294832	-3.39176	0.301938	0.482228	-2.07371	0.0862931	0.274613	-3.64148	0.0970248	0.288765	-3.46302	0.543284	0.657311	-1.52135	1.56423	11.5221	6.54753	1
cg18874136	DCC	0.269832	0.0698802	0.556221	-1.67723	0.269021	1.91859	1.91859	0.161855	2.32295	2.32295	0.974229	1.01823	1.01823	0.0493222	0.623142	-1.61273	0.953475	0.966994	-1.03431	0.229855	0.484596	-2.06358	0.333401	0.563425	-1.77486	0.616741	1.74814	1.33662	1.56434	8.19195	4.64584	1
cg18408832	C9orf86;C9orf86	0.26985	0.470706	1.4284	1.4284	0.324938	1.63872	1.63872	0.0375315	3.2304	3.2304	0.823365	1.11475	1.11475	0.135648	0.457349	2.1846	0.646792	0.79917	-1.2513	0.220771	0.534996	-1.86917	0.874999	1.0795	1.0795	0.750552	1.16763	1.16763	1.56416	5.84891	3.32385	1
cg07161991	MYO7B	0.269854	0.0978067	0.674159	-1.48329	0.0443548	0.265182	-3.76992	0.0157468	0.246547	-4.05602	0.228327	0.153051	-6.53379	0.0440504	0.494921	-2.02045	0.193544	0.328793	-3.04126	0.0443145	0.270547	-3.69565	0.0334165	0.270547	-3.69565	0.0334165	0.270142	-3.70154	1.56415	6.47213	3.59415	1
cg04781778	C22orf9;C22orf9	0.269857	0.878579	1.04481	1.04481	0.98063	0.967614	-1.03347	0.0431836	0.553236	-1.94842	0.459051	1.24134	1.24134	0.664324	1.13338	1.13338	0.49386	0.810354	-1.22047	0.263576	0.716995	-1.39471	0.354535	0.760394	-1.31407	0.101792	1.67133	1.67133	1.56414	2.03705	1.15764	1
cg01213447	NR2F2	0.269858	0.124831	6.41215	6.41215	0.755623	1.41788	1.41788	0.962382	1.05416	1.05416	0.472804	2.26291	2.26291	0.161667	5.31955	5.31955	0.130888	6.19819	6.19819	0.614185	1.76559	1.76559	0.0222561	21.4193	21.4193	0.179459	4.92679	4.92679	1.56413	30.9846	17.6084	1
cg14674253	PRDM15;PRDM15	0.269859	0.427372	0.805965	-1.24093	0.0400301	0.3051	3.2775	0.0570587	-3.6137	0.0334597	0.160414	-6.23533	0.0383557	0.0743466	2.5859	2.5859	0.0105938	0.762997	0.85149	-1.17441	0.553199	0.728153	-1.37334	0.0448077	1.38756	1.38756	?	?	?	1.56426	6.29666	3.40462	1
cg28532062	NAT14	0.269868	0.19924	2.79671	1.29671	0.414567	2.37542	-1.17323	0.212554	0.77763	-1.28596	0.583164	1.112	1.112	0.183332	0.763047	1.31054	0.0439791	0.641487	-1.5588	0.600727	0.903795	0.715251	-1.39804	0.357544	2.79854	1.06712	1.06712	1.56431	2.909111	0.516586	1
cg15150652	XRCC4;XRCC4;XRCC4	0.26981	0.0469055	0.459106	-2.17815	0.203617	0.631781	-1.58283	0.979999	0.991457	-1.00862	0.10452	0.544847	-1.83538	0.186151	0.618979	-1.61556	0.0993804	0.538039	-1.8555	0.26237	0.67028	-1.49191	0.175023	0.6104407	-1.63825	0.183754	0.617162	-1.62032	1.5643	2.90162	1.64881	1
cg02099448	GAS7	0.269883	0.0255153	0.462607	-2.16295	0.165127	0.234978	-2.69	0.0731	0.274	-1.55455	0.971032	0.275	-3.63636	0.0731	0.275	-3.63636	0.0731	0.275	-3.63636	0.0731	0.275	-3.63636	0.0731	0.275	-3.63636	0.0731	0.275	-3.63636	1.56427	2.70054	1.64882	1
cg03260211	CDL1;CDL1;CDL1;CDL1;CDL1	0.269822	0.410056	0.677965	-1.47435	0.274342	0.591714	-1.69	0.0490012	0.354552	-2.82046	0.4506	1.42565	1.42565	0.0416308	0.338375	-2.9553	0.985843	0.991948	-1.00822	0.857173	1.18866	1.18866	0.633838	1.26458	1.26458	0.753004	0.864471	-1.15678	1.56426	5.2728	2.99627	1
cg18892127	ZNF445	0.269822	0.1255157	0.3925	-2.54753	0.0911275	0.34329	-2.91305	0.0417411	0.16677	-5.99625	0.0400116	0.1197	-8.35422	0.0216532	0.3239	-3.08735	0.0542208	0.375045	-2.66667	0.0244483	0.244483	-4.09091	0.0178571	0.244483	-4.09091	0.0178571	0.244483	-4.09091	1.56426	3.12397	1.64837	1
cg19329225	ME1	0.269829	0.759019	1.07932	1.07932	0.411508	1.23161	1.23161	0.147067	0.679758	-1.47111	0.035007	0.543667	-1.83936	0.110269	0.649353	-1.53999	0.680852	0.902491	-1.10804	0.520097	1.17556	1.17556	0.597512	0.876183	-1.14131	0.49878	0.843373	-1.18571	1.56423	1.52464	0.866392	1
cg03876697	IL17R	0.26983	0.120116	0.316778	0.6604425	0.236005	-4.23721	0.161609	0.38443	-2.60125	0.549145	0.661418	-1.5119	0.101829	0.294832	-3.39176	0.301938	0.482228	-2.07371	0.0862931	0.274613	-3.64148	0.0970248	0.288765	-3.46302	0.543284	0.657311	-1.52135	1.56423	11.5221	6.54753	1
cg18874136	DCC	0.269832	0.0698802	0.556221	-1.67723	0.269021	1.91859	1.91859	0.161855	2.32295	2.32295	0.974229	1.01823	1.01823	0.0493222	0.623142	-1.61273	0.953475	0.966994	-1.03431	0.229855	0.484596	-2.06358	0.333401	0.563425	-1.77486	0.616741	1.74814	1.33662	1.56434	8.19195	4.64584	1
cg18408832	C9orf86;C9orf86	0.26985	0.470706	1.4284	1.4284	0.324938	1.63872	1.63872	0.0375315	3.2304	3.2304	0.823365	1.11475	1.11475	0.135648	0.457349	2.1846	0.646792	0.79917	-1.2513	0.220771	0.534996	-1.86917	0.874999	1.0795	1.0795	0.750552	1.16763	1.16763	1.56416	5.84891	3.32385	1
cg07161991	MYO7B	0.269854	0.0978067	0.674159	-1.48329	0.0443548	0.265182	-3.76992	0.0157468	0.246547	-4.05602	0.228327	0.153051	-6.53379	0.0440504	0.494921	-2.02045	0.193544	0.328793	-3.04126	0.0443145	0.270547	-3.69565	0.0334165	0.270547	-3.69565	0.0334165	0.270142	-3.70154	1.56415	6.47213	3.59415	1
cg04781778	C22orf9;C22orf9	0.269857	0.878579	1.04481	1.04481	0.98063	0.967614	-1.03347	0.0431836	0.553236	-1.94842	0.459051	1.24134	1.24134	0.664324	1.13338	1.13338	0.49386	0.810354	-1.22047	0.263576	0.716995	-1.39471	0.354535	0.760394	-1.31407	0.101792	1.67133	1.67133	1.56414	2.03705	1.15764	1
cg01213447	NR2F2	0.269858	0.124831	6.41215	6.41215	0.755623	1.41788	1.41788	0.962382	1.05416	1.05416	0.472804	2.26291	2.26291	0.161667	5.31955	5.31955	0.130888	6.19819	6.19819	0.614185	1.76559	1.76559	0.0222561	21.4193	21.4193	0.179459	4.92679	4.92679	1.56413	30.9846	17.6084	1
cg14674253	PRDM15;PRDM15	0.269859	0.427372	0.805965	-1.24093	0.0400301	0.3051	3.2775	0.0570587	-3.6137	0.0334597	0.160414	-6.23533	0.0383557	0.0743466	2.5859	2.5859	0.0105938	0.762997	0.85149	-1.17441	0.553199	0.728153	-1.37334	0.0448077	1.38756	1.38756	?	?	?	1.56426	6.29666	3.40462	1
cg18432441	TUB;TUB	0.269862	0.42301	0.576296	-1.73522	0.709472	0.777215	-1.28665	0.900773	1.07934	1.07934	0.194779	2.5185	2.5185	0.178155	0.387736	2.61961	0.450508	0.595832	-1.67833	0.0428209	0.161452	-6.04405	0.418825	0.573304	-1.74427	0.324799	0.504203	-1.98333	1.5642	11.2354	6.38506	1
cg06547766	LPYLPP	0.269863	0.224496	2.45351	1.45351	0.437774	2.00572	-1.31476	0.445632	0.848512	-1.17849	0.623468	1.40193	1.40193	0.0836219	3.50428	3.50428	0.0736637	1.38703	1.38703	0.0242662	2.72323	2.72323	0.0140402	3.67602	3.67602	0.0242662	2.72323	0.0140402	1.56425	-1.45895	0.664781	0.887697	-1.12634	0.101867	0.622075	-1.60842	0.0242662	1.56425	1.64882	1
cg21160372	NCAM2	0.269866	0.36222	1.58726	1.58726	0.203765	1.93813	1.93813	0.980133	0.987911	-1.01223	0.291125	1.71261	1.71261	0.905226	0.942934	-1.06052	0.397939	1.53261	1.53261	0.0129324	4.5819	4.5819	0.182422	2.00991	2.00991	0.424205	1.49576	1.49576	1.56411	6.0288	3.42619	1
cg14674253	PRDM15;PRDM15	0.269859	0.427372	0.805965	-1.24093	0.0400301	0.3051	3.2775	0.0570587	-3.6137	0.0334597	0.160414	-6.23533	0.0383557	0.0743466	2.5859	2.5859	0.0105938	0.762997	0.85149	-1.17441	0.553199	0.728153	-1.37334	0.0448077	1.38756	1.38756	?	?	?	1.56426	6.29666	3.40462	1
cg18432441	TUB;TUB	0.269862	0.42301	0.576296	-1.73522	0.709472	0.777215	-1.28665	0.900773	1.07934	1.07934	0.194779	2.5185	2.5185	0.178155	0.387736	2.61961	0.450508	0.595832	-1.67833	0.0428209	0.161452	-6.04405	0.418825	0.573304	-1.74427	0.324799	0.504203	-1.98333	1.5642	11.2354	6.38506	1
cg06547766	LPYLPP	0.269863	0.224496	2.45351	1.45351	0.437774	2.00572	-1.31476	0.445632	0.848512	-1.17849	0.623468	1.40193	1.40193	0.0836219	3.50428	3.50428	0.0736637	1.38703	1.38703	0.0242662	2.72323	2.72323	0.0140402	3.67602	3.67602	0.0242662	2.72323	0.0140402	1.56425	-1.45895	0.664781	0.887697	-1.12634	0.101867	0.622075	-1.60842	0.0242662	1.56425	1.64882	1
cg21160372	NCAM2	0.269866	0.36222	1.58726	1.58726	0.203765	1.93813	1.93813	0.980133	0.987911	-1.01223	0.291125	1.71261	1.71261	0.905226	0.942934	-1.06052	0.397939	1.53261	1.53261	0.0129324	4.5819	4.5819	0.182422	2.00991	2.00991	0.424205	1.49576	1.49576	1.56411	6.0288	3.42619	1
cg08029185	TNNT3;TNNT3;TNNT3;TNNT3	0.269868	0.530943	0.869666	-1.15061	0.22845	1.25385	0.188372	1.2562	1.25385	0.188372	1.2562	1.27862	0.939037	0.980583	-1.01936	0.240957	1.14421	1.15877	1.15877	0.0795799	1.46369	1.46369	0.0477009	1.16025	1.16025	0.278583	0.819729	-1.21992	1.5641	0.725373	0.499059	1
cg26915994	MPYED1	0.26987	0.39002	1.42863	1.42863	0.0107538	2.26535	2.26535	0.612347	1.0456	1.0456	0.270225	1.5919	1.5919	0.0504428	1.37308	1.37308	0.673466	1.88091	1.2399	0.815857	1.09008	1.09008	0.615824	1.35347	1.35347	0.0447199	2.54268	2.54268	1.5641	-4.56229	2.30881	1
cg19022697	TTC22	0.26987	0.0334951	25.8317	25.8317	0.221877	5.36876	5.36876	0.265197	4.57196	4.57196	0.276512	4.4	4.4	0.0775184	13.0461	13.0461	0.956773	0.931506	-1.07353	0.883565	1.21146	1.21146	0.445569	2.76727	2.76727	0.0949034	11.0497	11.0497	1.5641	42.4449	24.1219	1
cg01864404	VCX3B	0.269872	0.7705	1.83093	0.83093	0.346441	0.541208	-1.84774	0.0629979	0.576

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1047 vs. N)	p-value|1057 vs. N)	Fold-Change(1057 vs. N)	p-value|1111 vs. N)	Fold-Change(1111 vs. N)	p-value|1127 vs. N)	Fold-Change(1127 vs. N)	p-value|1217 vs. N)	Fold-Change(1217 vs. N)	p-value|1247 vs. N)	Fold-Change(1247 vs. N)	p-value|3477 vs. N)	Fold-Change(3477 vs. N)	p-value|3537 vs. N)	Fold-Change(3537 vs. N)	p-value|3538 vs. N)	Fold-Change(3538 vs. N)	p-value|3537 vs. N)	Fold-Change(3537 vs. N)	p-value|5377 vs. N)	Fold-Change(5377 vs. N)	p-value|5633 vs. N)	Fold-Change(5633 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg20486651	RPS6KA2	0.270223	0.902008	1.07596	0.105296	0.8611953	0.24011	2.42011	0.299807	1.56859	0.58259	0.871915	0.106994	1.06994	0.6004	1.24094	0.24094	1.24094	0.786716	0.807491	-1.11422	0.10909	2.07935	0.0287486	2.94664	2.94664	0.539333	1.30032	1.30032	1.56289	4.34476	2.47107	1
cg21888059	PYN;PYN;PYN	0.270224	0.780508	1.15548	0.115348	0.6133	0.769433	-1.29966	0.754766	0.850355	-1.17598	1.128502	2.33953	2.33953	0.0467648	0.30797	-3.24707		0.57659	1.33887	1.33887	0.59803	1.31638	1.31638	0.1346	2.30683	2.30683	0.421175	1.52976	1.52976	1.56288	6.62457	3.76772	1
cg21483952	F2F5;F2F5	0.270232	0.149289	1.43827	1.43827	0.391879	1.228197	1.228197	0.400409	0.816841	-1.22423	0.930868	0.979813	-1.0206	0.201819	1.3727	1.3727		0.291244	1.293157	1.293157	0.0317732	1.80684	1.80684	0.5068282	0.85362	-1.17148	0.972028	0.991793	-1.00828	1.56286	1.36737	0.777703	1
cg26725035	PRMT2;PRMT2	0.270235	0.250262	1.54179	1.54179	0.275167	0.664241	-1.50555	0.138968	1.77527	1.77527	0.786861	0.10206	1.1026	0.121942	1.58822	1.58822		0.440438	1.32989	1.32989	0.486449	0.774198	-1.29166	0.0443595	2.29849	2.29849	0.825758	0.923619	-1.0827	1.56285	3.21461	1.82834	1
cg12032191	TMEM69;GPBP1L1	0.27024	0.783073	0.938494	-1.06554	0.622009	1.12109	1.12109	0.271048	1.30156	1.30156	0.707227	1.09066	1.09066	0.30638	1.2758	1.2758		0.345852	0.799878	-1.25019	0.0284516	0.551685	-1.81263	0.161224	0.336	2.25631	1.25631	1.56283	1.30947	0.744783	1
cg26188679	NCRNA00164;NCRNA00164	0.270245	0.0711689	0.628521	-1.59104	0.616281	0.890108	-1.12346	0.300591	0.784848	-1.27413	0.906681	0.973342	-1.02739	0.760195	0.73708			0.368775	0.808409	-1.237	0.0828754	0.556454	1.55654	0.416358	1.21093	1.21093	0.232276	0.749293	-1.33459	0.56283	1.31395	0.747315	1
cg21926750	AQP11	0.270245	0.153586	1.48693	1.48693	0.166273	1.46706	1.46706	0.585926	0.866908	-1.15352	0.823828	0.1596	1.0596	0.570942	0.861838	-1.16031		0.13	1.52906	1.52906	0.885925	0.9634414	-1.03797	0.150339	1.49229	1.49229	0.152542	0.671755	-1.48864	1.56281	1.66863	0.949076	1
cg26121060	TSPAN9;TSPAN9	0.270245	0.405153	1.69775	1.69775	0.0114183	7.15228	7.15228	0.101551	3.02038	3.02038	0.91427	0.955268	-1.04623	0.610968	1.31749	1.31749		0.42236	1.56415	1.56415	0.450572	1.64869	1.64869	0.583987	1.41008	1.41008	0.0808893	1.01499	1.01499	1.56281	9.55906	5.43695	1
cg18763536	ETV6	0.270247	0.102529	0.227037	-4.40457	0.0444207	0.747222	-1.75944	0.0389616	0.375598	-1.46754	0.708274	0.73203	-1.36606	0.30644	1.42178	1.42178		0.414935	0.500794	-1.99683	0.229741	0.351405	-2.84572	0.964897	0.964137	-1.03672	0.737891	0.756749	-1.32144	1.56281	17.0464	9.69563	1
cg05835744	PGAM1	0.270249	?	?	?	0.864814	1.08593	1.08593	0.270875	0.574324	-1.74118	0.255759	1.77524	1.77524	0.98486	1.00922	1.00922		0.135805	2.17633	2.17633	0.0519928	0.343175	-2.91396	0.56218	0.753142	-1.32777	0.815438	1.11976	1.11976	1.56563	5.15829	3.29471	1
cg25649765	GREB1	0.270253	0.606328	1.720671	-1.3876	0.0153909	0.5625	-1.66504	0.0801163	0.321379	-1.61153	0.849161	0.186994	1.10693	0.0127485	1.61074			0.796115	0.84949	-1.17723	0.656805	0.921483	-1.08521	0.970444	3.462553	0.9391	1.04933	1.04933	1.56279	9.82899	5.09058	1
cg06806158	RPS6KA2;RPS6KA2	0.270262	0.108425	0.411448	-2.43044	0.244424	0.539268	-1.85436	0.105082	0.40733	-2.45081	0.824068	0.542662	-1.84277	0.209456	0.511275	-1.95589		0.747663	0.848998	-1.17786	0.10055	0.4016515	-2.48995	0.470421	1.45118	0.103264	0.405056	-2.46879	1.56276	6.3653	3.62055	1
cg09061083	PLA2G7;PLA2G7	0.270267	0.0748217	0.758073	-1.31878	0.413951	1.12815	1.12815	0.176888	1.23039	1.23039	0.931852	1.01243	1.01243	0.935089	0.960258	-1.04139		0.893647	0.980993	-1.01969	0.471983	0.899564	-1.11153	0.195997	0.820476	-1.21881	0.193816	1.21958	1.21958	1.56274	0.559377	0.293489	1
cg04001837	PCNT	0.270274	0.337703	1.19053	1.19053	0.307705	1.21128	1.21128	0.127738	1.14177	1.14177	0.310312	1.20995	1.20995	0.185205	1.29054	1.29054		0.122697	1.35476	1.35476	0.202938	1.27159	1.27159	0.0185254	1.67939	1.67939	0.830609	0.961875	-1.03964	1.56271	0.81563	0.46394	1
cg13560030	NTN4	0.27028	0.956281	0.982394	-1.01792	0.383991	0.748837	-1.3354	0.348475	0.472075	-2.11831	0.997767	1.00091	1.00091	0.0961287	1.8077	1.8077		0.749788	0.901519	-1.10924	0.190413	1.5672	1.5672	0.626723	1.17211	1.17211	0.726463	0.892435	-1.12053	1.56269	2.59839	1.47801	1
cg02642284	TMEM44;TMEM44;TMEM44;TMEM44	0.270281	0.103308	0.240049	-4.16581	0.823141	0.835878	-1.19635	0.504853	0.581631	-1.7193	0.259907	0.390181	-2.56291	0.0331959	0.136177	-7.34337		0.186419	0.325717	-3.07015	0.0793882	0.2017314	-4.9571	0.594471	0.650307	-1.53774	0.185371	0.324743	-3.07936	1.56269	15.8727	9.0287	1
cg04090599	SPG21;SPG21;SPG21	0.270286	0.409468	1.32867	1.32457	0.499432	0.877839	-1.13799	0.465653	0.788256	-1.28068	0.7047904	0.94102	1.04102	0.161466	1.6458	1.6458		0.0329653	2.2956	2.2956	0.407755	1.30179	1.30179	0.846066	1.06691	1.06691	0.802812	1.08694	1.08694	1.56267	2.74769	1.56295	1
cg05232310	DSCAML1	0.270293	0.900392	0.962786	-1.03802	0.109932	1.69666	1.69666	0.222155	0.677636	-1.47572	0.785584	1.08609	1.08609	0.0116205	-1.24762			0.474631	1.24615	1.24615	0.10599	1.80987	1.80987	0.472637	1.24565	1.24565	0.227009	1.29313	1.10661	1.10661	1.56265	2.27009	1.29313	1
cg17566560	DLGAP4;DLGAP4;DLGAP4	0.270294	0.243293	0.569053	-1.75731	0.508009	1.36356	1.36356	0.833394	0.907313	-1.10216	0.799098	0.88356	-1.13179	0.109023	0.44618	-2.24125		0.432483	1.4476	1.4476	0.0393485	0.332609	-3.00653	0.459655	1.41573	1.41573	0.313305	0.617809	-1.61862	1.56265	5.27719	3.00185	1
cg25415989	MGAT5	0.270295	0.607233	1.11967	1.11967	0.237509	0.645824	-1.55172	0.173614	0.685006	-1.45984	0.517969	1.18082	1.18082	0.800229	1.06951	1.06951		0.247367	1.72901	-1.37219	0.103092	1.59264	1.59264	0.273824	1.34612	-1.3466	0.780793	0.929691	-1.07563	1.56264	1.60012	0.961406	1
cg19499776	ZNF525	0.270299	0.127923	0.811047	-1.23297	0.578848	0.17395	1.07395	0.28652	0.868634	-1.15123	0.685869	0.279516	0.629356	0.939993	-1.06384			0.674755	1.05117	1.05117	0.183537	0.853562	-1.19723	0.945463	0.991333	-1.00874	0.172692	1.20281	1.20281	1.56263	0.400724	0.227948	1
cg24248396	SSX2IP;SSX2IP;SSX2IP;SSX2IP;SSX2IP	0.270299	0.923325	0.980413	-1.02068	0.819917	1.06435	1.06435	0.554405	0.777385	-1.28675	0.844844	1.07786	1.07786	0.687023	0.893103	-1.11969		0.0382543	1.58498	-1.92886	0.0912591	1.66317	1.66317	0.594333	0.922787	-1.08367	0.174541	1.48503	1.48503	1.56263	1.85148	1.2352	1
cg08535112	SLC16A9	0.270301	0.653506	1.15473	1.15473	1.187894	1.55941	1.55941	0.777065	1.09459	1.09459	0.434711	1.28888	1.28888	0.772217	1.09682	1.09682		0.159211	1.619395	-1.61448	0.336655	1.37082	1.37082	0.106234	0.570249	-1.75362	0.134289	1.598036	-1.67214	1.56262	2.50884	1.42714	1
cg06545951	TMEM27	0.270315	0.18601	2.7678	2.7678	0.693425	1.33332	1.33332	0.624298	1.43104	1.43104	0.519406	0.62216	-1.6073	0.924194	0.933222	-1.07154		0.173795	0.349714	-2.85948	0.196839	0.371134	-2.69314	0.048581	5.15371	5.15371	0.71634	1.30336	1.30336	1.56257	13.0461	7.42146	1
cg15727362	VSX1;VSX1	0.270319	0.252449	0.612102	-1.63292	0.275624	0.871254	-1.14824	0.124	0.955393	0.93717	-1.07717	0.209083	0.85608	0.0542598	1.17704			0.698934	1.59022	1.59022	0.611703	0.542805	-1.84228	0.0242151	24.7701	24.7701	0.412074	2.7209	2.7209	1.56256	35.2521	20.0337	1
cg17748769	PTPN2;PTPN2;PTPN2	0.27032	0.11575	0.61518	-1.62554	0.361285	1.30562	1.30562	0.849402	0.947446	-1.05547	0.0499558	0.529779	-1.88758	0.648091	1.13949	1.13949		0.462294	0.808449	-1.23694	0.353756	0.762518	-1.31144	0.700487	1.11609	1.11609	0.106856	0.606373	-1.64915	1.56256	1.99843	1.13684	1
cg22613639	ANTXR1;ANTXR1;ANTXR1	0.270329	0.844086	1.06943	1.06943	0.308847	0.898009	-1.14265	0.207994	0.636954	-1.57244	0.602247	0.98099	1.00099	0.550774	0.916139	-1.22528		0.260576	1.48407	1.48407	0.0534205	1.12978	1.12978	0.731987	1.73272	0.902801	0.905025	0.924553	1.02605	1.56255	2.87607	1.63611	1
cg25237027	ZFP1	0.270328	0.436515	1.08806	1.08806	0.195986	0.864485	-1.15649	0.620993	1.05442	1.05442	0.327538	0.88811	-1.11345	0.0698781	1.2405	1.2405		0.394433	1.911407	-1.09718	0.153298	0.864267	-1.18669	0.608249	1.05651	1.05651	0.459526	0.92305	-1.08337	1.56253	1.2797	0.159156	1
cg19363699	ECSIT;ECSIT;ECSIT;ECSIT	0.270336	0.452581	0.810132	-1.23437	0.169562	0.668559	-1.49576	0.386775	0.783396	-1.27649	0.294399	0.493777	-2.02521	0.137941	0.644326	-1.55201		0.656658	0.884167	-1.13101	0.154571	0.657522	-1.52086	0.677105	1.12213	1.12213	0.567811	1.1722	1.1722	1.5625	1.87368	1.06591	1
cg21208656	COMMD3	0.270343	0.836081	1.05413	1.05413	0.04802	0.446409	1.44641	0.0406248	0.706599	-1.41552	0.270973	0.526022	-1.90096	0.236126	0.782529	-1.27796		0.496158	0.855191	-1.1693	0.0538477	0.7475	-1.33781	0.0158568	0.728185	1.37282	1.28222	1.37282	1.56248	2.62604	0.72315	0.27645	1
cg16120828	VAV3	0.270346	0.188009	0.832382	-1.20137	0.779298	0.137664	1.03764	0.426956	1.11257	1.11257	0.0538246	0.749827	-1.33364	0.0466282	0.74109	-1.34936		0.272337	0.962568	-1.03889	0.798121	1.03428	1.03428	0.358881	0.883319	-1.13209	0.978806	1.0035	1.0035	1.56247	0.427976	0.243476	1
cg14241074	UBE2D3;UBE2D3	0.270347	0.0849374	0.75403	-1.32648	0.0979796	0.9482	0.9482	0.197167	0.737553	-1.35605	0.140908	0.8202861	0.875353	0.127256	1.142706	1.142706		0.0382543	1.58498	-1.92886	0.0912591	1.66317	1.66317	0.594333	0.922787	-1.08367	0.174541	1.48503	1.48503	1.56243	1.85148	1.2352	1
cg24661457	CDGAP	0.270353	0.0693598	0.242784	-4.11889	0.848178	0.14287	1.14287	0.609596	1.4317	1.4317	0.337209	1.99256	1.99256	0.0509359	0.212389	4.70835		0.092422	0.993404	-1.00664	0.545395	0.652846	-1.53175	0.669465	0.741401	-1.3488	0.143635	0.334583	-2.9888	1.56245	12.0143	6.83502	1
cg21690354	POLE4	0.270355	0.774456	1.08209	1.08209	0.335801	0.761442	-1.3133	0.157245	0.660106	-1.51491	0.934351	0.977631	-1.02288	0.506695	0.831108	-1.20321		0.751805	0.916562	-1.09103	0.0798411	0.586399	-1.70532	0.399278	1.26739	1.26739	0.079873	1.70521	1.70521	1.56244	1.86597	1.06157	1
cg13304240	CHST11	0.270357	0.243452	1.2102	1.2102	0.275024	0.745645	-1.15547	0.15015	1.13276	1.13276	0.103011	0.729812	-1.37012	0.644684	0.805296	-1.24157		0.756145	0.946476	-1.05655	0.261029	1.12999	1.12999	0.163284	1.30059	1.30059	0.607864	1.0957	1.0957	1.56243	0.771663	0.41901	1
cg07705315	HSPH1	0.270358	0.0913873	0.657439	-1.52105	0.281433	1.2873	1.2873	0.215174	1.34223	1.34223	0.178534	0.724373	-1.3805	0.14992	1.41656	1.41656		0.697108	0.915539	-1.09225	0.374202	0.814014	-1.22848	0.81491	1.05433	1.05433	0.899791	1.02883	1.02883	1.56243	1.25941	0.716501	1
cg17738133	CDKN1C;CDKN1C;CDKN1C	0.270359	0.443452	1.21242	1.21242	0.0838004	-1.19324	0.838755	0.0976	1.0476	1.0476	0.919348	1.03376	1.03376	0.315132	1.78033	-1.56029		0.0678152	1.4542	1.4542	0.0155344	1.73102	1.73102	0.174107	1.54152	1.54152	0.26781	1.53274	1.53274	1.56242	3.26781	1.53274	1
cg05347476	C11orf94	0.270376	0.733818	0.903385	-1.10695	0.423706	0.78409	-1.27536	0.110032	0.595399	-1.67955	0.9407	1.3366	1.3366	0.57994	0.912086	-1.09639		0.832484	1.06508	1.06508	0.0749211	1.20414	1.20414	0.0997504	1.67977	1.67977	0.736469	1.904343	-1.10578	1.56242	2.19281	1.24753	1
cg26270411	YWHAB;YWHAB	0.270364	0.467602	0.921929	-1.08468	0.49982	0.927437	-1.07824	0.497892	0.927113	-1.07862	0.973409	0.996341	-1.00367	0.459116	0.920042	-1.08643		0.0164005	0.724269	-1.3807	0.748517	0.965243	-1.03601	0.218098	1.15313	1.15313	0.519117	1.07453	1.07453	1.56241	0.299298	0.170277	1
cg23186329	SLC16A5	0.270371	0.0700159	0.723421	-1.38263	0.0808597	0.27252	-1.27252	0.0247043	0.73292	-1.36431	0.0233576	0.515132	1.94115	0.0703267	1.30929			0.70116	1.19722	1.19722	0.533999	0.7337	-1.36303	0.0636368	0.0259574	10.4315	5.5628	2.87607	1.63611	1.56241	1.53274	1.63611	1
cg03636880	HLA-DPB1	0.270374	0.0460632	0.647255	0.647255	0.858624	1.15659	1.15659	0.147917	0.54868	-1.83684	0.638079	1.47194	1.47194	0.997127	1.23129	1.23129		0.0488521	0.6278	0.6278	0.183653	1.16123	1.16123	0.142049	1.62035	3.62035	0.947816	1.05486	1.05486	1.56237	16.4735	9.37235	1
cg16362603	SEMA3G	0.270375	0.664043	1.18506	1.18506	0.263116	0.78316	1.08316	0.648316	1.14231	1.14231	0.397132	0.565008	1.76983	0.0784443	1.27813	1.27813		0.0445424	1.4798	1.4798	0.0260113	1.74644	1.74644	0.0814439	0.915682	1.09227	1.08521	1.09227	1.56237	0.771663	0.43901	1
cg18118834	NRG1	0.270375	0.468753	1.53658	1.53658	0.90357	0.931808	-1.07318	0.966751	0.976003	-1.02459	0.540143	1.43536	1.43536	0.0187123	0.190046	5.26188		0.343789	1.76526	1.76526	0.615124	0.767247	-1.30336	0.632867	0.755443	-1.32373	0.188863	0.444325	-2.25061	1.56237	8.40276	4.78064	1
cg07740894	CCNY;CCNY	0.270382	0.175347	0.936316	-1.06782	-2.58722	0.0205238	0.0158272	0.30212	0.8002262	0.278016	2.79656	0.596602	0.8616	0.8927811	-1.13746	0.484651	0.6259951	-1.59746	0.567002	0.687264	1.46464	0.0199167	0.445953	0.0525304	0.5015	0.6807	0.6807	1.56237	1.15943	0.59234	0.5015	0.62467	1
cg00602375	SYCE1L;MON1B	0.270385	0.641278	0.89565	-1.11655	0.675142	1.08063	1.08063	0.89812	1.07632	-1.03054	0.996516	0.99887	1.00113	0.705254	1.41809			0.683791	1.45817	1.45817	0.0160927	1.90423	1.90423	0.0104923	1.02114	1.02114	0.53233	1.36496	0.776594	1
cg26114884	RPS6KA4;RPS6KA4	0.270387	0.623855	1.19354	1.19354	0.030615	2.48244	2.48244	0.129859	1.79623	1.79623	0.313817	1.45192	1.45192	0.324659	1.43919	1.43919		0.0839031	1.98307	1.98307	0.104583	1.88706	1.88706	0.896723	1.04758	1.04758	0.786176	1.10223	1.10223	1.56233	3.17042	1.80382	1
cg23339482	TNX8	0.270392	0.16843	1.548313	1.548313	0.0429852	0.591192	1.69115	0.0878704	0.642088	-1.55717	0.649073	0.934071	1.07049	0.0133446	0.0204341	1.48202		0.749507	0.877121	-1.14009	0.153822	0.539536	-1.85344	0.0124485	0.528303	1.89285	1.89285	1.56231	10.7858	6.51707	1
cg17178966	LRP6 SLC39A14;SLC39A14;SLC39A14;SLC39A	0.270397	0.0597884	1.39523	1.39523	0.180675	1.24968	1.24968	0.664612	1.07403	1.07037	0.642941	1.07505	1.07595	0.126119	0.771434	1.29629		0.560105	0.911748	-1.09679	0.396981	1.14569	1.14569	0.201935	1.22778	1.22778	0.627376	0.926163	-1.07972	1.56229	0.608387	0.34615	1
cg12081754	14	0.270401	0.182368	2.46765	2.46765	0.588483	0.705653	-1.41713	0.328159	1.90442	1.90442	0.0560368	0.251249	-3.98012	0.265005	2.0989	2.0989		0.149317	0.372755	-2.68273	0.811471	0.858549	-1.16476	0.691906	0.775533	-1.28944	0.807269	0.852379	-1.17319	1.56228	10.0788	5.73456	1
cg21545752	NUDT6;NUDT6;SPATA5	0.270405	0.276273	0.48935	-2.04353	0.629179	1.35942	1.35942	0.582714	1.41931	1.41931	0.740419	0.810735	-1.23345	0.612525	1.38031	1.38031		0.0453342	2.03436	-4.25829	?	?	?	0.0842941	0.299633	-1.33742	0.625103	1.36448	1.36448	1.56509	8.77479	5.60658	1
cg07837642	AARS	0.270414	0.562044	1.81836	1.81836	0.374215	1.16526	1.16526	0.42899	1.18446	1.18446	0.19025	1.07485	1.07485	0.702745	1.18245	1.18245		0.683513	1.01952	-1.08974	0.124122	0.705307	-1.41782	0.368256	1.05081	1.05081	0.715511	1.51511	1.51511	1.56224	1.70865	0.618856	1
cg20960138	TFEB;TFEB	0.270413	0.115723	3.14778	3.14778	0.89403	1.0935	1.0935	0.718234	0.784266	-1.27508	0.316795	2.00182	2.00182	0.705021	1.29054	1.29054		0.411347	1.75659	1.75659	0.0241978	6.06343	6.06343	0.143867	2.86055	2.86055	0.165049	2.69984	2.69984	1.56224	11.1285	6.33193	1
cg02508745	CLK4	0.270416	0.085577	1.373014	1.68086	0.0790302	0.8703368	-1.14894	0.899297	0.934324	-1.07029	0.330575	0.592739	-1.68708	0.160228	0.457688	-2.1849		0.609573	0.764669	-1.30775	0.0373745	0.825446	-1.52801	0.0194468	0.445651	-2.25453	0.109007	0.392218	-2.5496	1.56223	6.71441	3.82042	1
cg10457436	LPAR5	0.270421	0.39084	0.569231	-1.75676	0.590802	0.732758	-1.36471	0.0963264	0.351337	-2.84627	0.939355	0.97651	-1.04455	0.703103	1.23927	1.23927		0.169319	2.13153	2.13153	0.0739365	1.33808	1.33808	0.344132	1.74761	1.74761	0.274583	0.816561	-1.22465	1.56223	8.11963	4.61997	1
cg18607491	TMX1	0.270422	0.94034	0.978279	-1.0222	0.274316	1.39616	1.39616	0.810729	1.07293	1.07293	0.0739328	1.79386	1.79386	0.367454	1.31209	1.31209		0.914929	0.969136	-1.03185	0.422872	0.786491	-1.27147	0.0623555	0.540374	-1.85057	0.362442	1.31605	1.31605	1.56222	2.12975	1.23181	1
cg03598185	SCAMP4	0.270423	0.889118	1.09121	1.09121	0.0443008	1.08415	1.08415	0.514712	1.6487	1.6487	0.148307	0.64749	-1.54453	0.49746	0.777047	-1.28607	0.0955697	0.764669	-1.30775	0.0373745	0.825446	-1.52801	0.0194468	0.445651	-2.25453	0.109007	0.392218	-2.5496	1.56223	6.71441	3.82042	1
cg27255101	ABRA	0.270427	0.616203	1.32331	1.32331	0.468169	0.53098	1.53098	0.284148	0.539687	-1.85293	0.763138	1.18239	1.18239	0.189316	0.457764	-2.18453		0.933193	0.954589	-1.04757	0.111596	0.621321	1.62321	0.643308	1.55337	1.55337	0.734302	1.20785	1.20785	1.56219	7.60233	4.32573	1
cg12010657	SAFB	0.270429	0.0838943	0.560629	-1.78371	0.347842	1.20194	1.20194	0.13608	1.13698	1.13698	0.728001	1.11141	1.11141	0.596426	0.850705	-1.1755		0.347596	1.3399	1.3399	0.142464	1.6203	1.6203	0.0182065	0.651432	-1.53508	0.0826586	1.14694	1.14694	1.56219	2.62831	1.28863	1
cg05384166	GPR172A;FBXL6;FBXL6	0.270431	?	?	?	0.32857	3.166	3.166	0.446284	2.41065	2.41065	?	?	?	?	?	?		?	?	?	0.667413	1.62541	1.62541	?	?	?	0.10056	0.117512	-8.5098	1.77689	14.3801	10.1161	1
cg00798435	WDR8	0.270443	0.531004	0.920944	-1.08584	0.0968783	0.789387	-1.26681	0.854794	0.976496	-1.02407	0.194852	0.811233	-1.23269	0.198535	1.19284	1.19284		0.619596	0.937119	-1.0671	0.0759775	0.773928	-1.29211	0.793496	0.956617	-1.04535	0.154199	0.820411	-1.2189	1.56214	0.416687	0.237103	1
cg07829412	SLC47A1	0.270453	0.580052	1.16608	1.16608	0.337798	0.727724	-1.37477	0.124746	0.857476	-1.16626	0.189396	1.19348	1.19348	0.389699	0.838327	-1.19248		0.8284954	1.48498	-1.5826	0.0516204	1.32744	1.32744	0.130973	1.20836	1.20836	0.039512	1.95589	1.95589	1.56214	1.96351	1.11729	1
cg25953350	PRDM11	0.270449	0.500136	0.724453	-1.38035	0.52864	1.35072	1.35072	0.241071	1.78242	1.78242	0.0854733	0.408478	-2.44811	0.0471718	0.343129	-2.91435		0.584581	0.771046	-1.29694	0.733356	0.851257	-1.17473	0.208246	0.535349	-1.86794	0.928819	1.04298	1.04298	1.56212	5.48746	3.12252	1
cg06493829	PLCG1;PLCG1	0.270453	0.183604	1.12445	1.12445	0.0493008	1.13121	1.13121	0.521173	1.08103	1.08103	0.488805	0.918784	-1.08839	0.0148576	0.711442	1.40576		0.192731	1.684705	-1.18057	0.448875	0.930776	-1.07441	0.0216	0.632636	1.58021	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	p-value(3477 vs. 3537)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26866142	SLC41A1	0.207053	0.540991	1.28756	1.28756	1.88692	0.943545	-1.05983	0.498006	1.5244	1.5244	0.370167	1.44552	1.44552	0.105473	2.43486	2.43486	0.0258583	2.94623	2.94623	0.106825	2.05247	2.05247	0.945346	1.2848	1.2848	0.679379	1.185	1.185	1.56125	4.12432	2.34815	1
cg23979954	FLT1D1	0.270704	0.702576	0.792563	-1.26173	0.127951	0.368893	-2.71081	0.335405	1.82566	1.82566	0.792174	1.17353	1.17353	0.274341	0.501958	-1.9922	0.238173	0.472982	-2.11425	0.102755	0.338997	-2.94988	0.05151	0.261015	-3.8312	0.803566	-1.11911	1.56125	9.07962	5.16944	1
cg25758996	CDDC92 TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;	0.270707	0.253634	1.94771	1.94771	0.121521	2.55666	2.55666	0.406348	1.60803	1.60803	0.127899	2.51033	2.51033	0.979206	1.01468	1.01468	0.45249	1.53417	1.53417	0.297916	1.8283	1.8283	0.0542344	3.39262	3.39262	0.044393	3.63689	3.63689	1.56124	7.73188	4.40214	1
cg13206028	TCF7L2	0.270708	0.128812	0.568919	-1.75772	0.750894	1.11565	1.11565	0.301236	0.69208	-1.44492	0.444146	1.30743	1.30743	0.105393	0.544487	-1.83659	0.198901	0.627212	-1.59436	0.11818	1.79128	1.79128	0.988579	1.00493	1.00493	0.754202	1.897693	-1.11397	1.56124	2.91952	1.66223	1
cg03092019	MGS	0.270709	0.184666	0.578558	-1.72843	0.342501	0.683613	-1.46282	0.872662	1.06437	1.06437	0.718883	1.15398	1.15398	0.175587	0.572101	-1.75027	0.074639	0.465157	-2.16677	0.0539291	0.426988	-2.34199	0.599206	0.813671	-1.229	0.115356	0.513875	-1.946	1.56123	3.74015	2.12946	1
cg27533501	ZNF345	0.270715	0.606377	0.949621	-1.05305	0.226564	0.881369	-1.1346	0.068551	1.22481	1.22481	0.430736	0.923129	-1.08327	0.442656	1.08096	1.08096	0.110017	1.18916	1.18916	0.475377	1.07486	1.07486	0.634595	0.953497	-1.04877	0.250951	1.12671	1.12671	1.56121	0.244582	0.139255	1
cg29946434	CCR7	0.270715	0.360084	0.864551	-1.15567	0.859788	1.1081	1.1081	0.1026	0.902944	0.974155	-1.02643	0.441354	1.15095	1.15095	0.673727	0.936526	-1.06778	0.174413	1.25412	0.125431	1.31858	1.31858	0.217469	0.81598	-1.22552	0.09799918	0.752391	-1.3291	1.56121	0.607433	0.345947	1
cg14502713	PNPLA7;PNPLA7	0.270718	0.630602	1.2061	1.2061	0.726276	0.872902	-1.1456	0.0633034	0.445874	-2.24279	0.708827	0.864863	-1.15625	0.0214253	0.34373	2.91229	0.843624	0.926462	-1.07938	0.179615	0.576235	-1.7354	0.443967	0.739459	-1.35234	0.723402	0.871594	-1.14732	1.612	3.698339	2.10572	1
cg22733098	PEX14	0.270725	0.0510988	0.770889	-1.2972	0.952054	1.00707	1.00707	0.770407	0.966304	-1.03487	0.544291	1.07453	1.07453	0.900923	1.0147	1.0147	0.32707	1.12581	1.12581	0.0713126	0.780834	-1.26609	0.95229	0.993016	-1.00703	0.240307	1.15488	1.15488	1.56118	0.339217	0.19314	1
cg25137968	HIST2H2BA	0.270735	0.510412	1.85605	1.85605	0.796412	0.66195	0.656176	0.672053	1.56915	1.56915	0.824483	1.28138	1.28138	0.956564	1.0175	1.0175	0.467256	0.50398	-1.98421	0.751743	1.94176	1.94176	0.378648	1.2848	1.2848	0.0206645	3.81258	3.81258	1.56114	21.2163	12.0882	1
cg13867865	C12orf56;C12orf56	0.270737	0.0329749	54.2195	54.2195	0.948001	0.90247	-1.10807	0.982256	0.965018	-1.03625	0.571218	0.400013	-2.49992	0.197372	0.112226	-8.86318	0.767105	1.62947	1.62947	0.275899	0.162866	-6.14003	0.249665	0.870555	0.378921	0.24346	0.24346	1.56114	63.3889	36.0927	1
cg10364881	DKK3;DKK3;DKK3	0.270740	0.765407	0.853327	-1.16914	0.104176	2.54214	2.54214	0.618827	1.30107	1.30107	0.999015	0.959312	-1.04241	0.069036	0.343829	-2.90842	0.84034	0.89056	-1.11165	0.354036	0.535252	-1.86828	0.158121	0.453017	-2.20742	0.240295	0.534582	-1.90628	0.514113	6.80832	3.87658	1
cg20263676	NHP5A	0.270744	0.625413	0.877935	-1.13904	0.078201	1.67822	1.67822	0.172981	1.4677	1.4677	0.178682	1.45942	1.45942	0.784258	0.929961	-1.07531	0.2602	1.36444	1.36444	0.054837	1.77939	1.77939	0.192348	1.44067	1.44067	0.870311	1.04418	1.04418	1.56111	1.73096	0.985599	1
cg20176504	HIVEP1	0.270744	0.0439804	0.495383	-2.01864	0.366932	1.32481	1.32481	0.36333	1.32377	1.32377	0.554064	1.19916	1.19916	0.450873	1.26254	1.26254	0.385493	1.30995	1.30995	0.320381	1.36558	1.36558	0.141379	1.63785	1.63785	0.634119	0.86459	-1.15662	1.56111	2.27684	1.29642	1
cg23172907	C1orf21	0.270747	0.958804	0.188215	-1.01332	0.496347	1.1957	1.1957	0.411443	0.806288	-1.24025	0.676638	0.898316	-1.11344	0.912117	0.12093	-8.26255	0.892639	1.03524	1.03524	0.0902221	2.33052	2.33052	0.881549	0.96252	-1.03894	0.959537	1.01308	1.01308	1.5611	0.622887	0.924059	1
cg10803923	ANKRD52	0.270748	0.978364	1.00584	1.00584	0.09052	1.49243	1.49243	0.964491	1.0096	1.0096	0.984688	1.00413	1.00413	0.05090	0.620358	-1.61197	0.81554	0.951068	-1.05145	0.0922665	1.48858	1.48858	0.785534	1.06031	1.06031	0.756839	1.06895	1.06895	1.5611	1.13956	0.648867	1
cg20668212	STK32C	0.270753	0.0209562	1.04785	-2.86709	0.544564	0.26325	-1.31174	0.599925	0.79122	-1.26387	0.624099	1.24426	1.24426	0.213005	0.559725	-1.78659	0.816684	0.902357	-1.10821	0.329068	0.640714	-1.56076	0.179093	1.87802	1.87802	0.158177	0.512355	-1.94949	1.56106	4.84049	2.75623	1
cg25496417	GPHBP1;GPHBP1 NCKAP5L;LOC100286844;LOC10028684	0.270778	0.400711	0.637054	-1.56973	0.0269693	0.253333	-1.94737	0.0619487	0.332267	-3.00963	0.630564	0.775583	-1.28919	0.274827	0.551248	-1.81407	0.676951	0.802817	-1.24561	0.217289	0.506398	-1.97473	0.142916	0.438072	-2.28273	0.929053	1.04779	1.04779	1.561	6.79322	3.86831	1
cg25756241	LOC100286844	0.270779	0.454962	1.17116	1.17116	0.144659	1.3844	1.3844	0.564824	1.12843	1.12843	?	?	?	0.313746	1.24148	1.24148	0.446237	1.17491	1.17491	0.0726072	0.659777	-1.51566	0.224015	0.767056	-1.30369	0.883182	1.03157	1.03157	1.56378	0.948873	0.606781	1
cg16870320	GALNT4;WDR51B	0.270782	0.0983566	1.45905	1.45905	0.59027	1.11995	1.11995	0.0543801	1.57605	1.57605	0.63177	0.904273	-1.10586	0.516415	1.14695	1.14695	0.545151	1.13611	1.13611	0.443664	0.849703	-1.17688	0.150648	0.725403	-1.37854	0.981968	0.995301	-1.00472	1.56098	1.07371	0.611414	1
cg23000153	SLC6A19	0.270782	0.152544	0.882142	-1.13345	0.245297	0.49119	0.491193	0.0153975	1.50507	1.50507	0.747363	0.71202	-1.40443	0.0772453	0.23618	-4.23307	0.676227	1.06598	1.06598	0.0124612	0.5509	0.550904	-1.81549	0.0239744	0.0215511	0.0074474	0.225584	0.14025	-7.12966	0.0498	0.02923	-34.2	0.482812	1
cg05447023	PAK6;PAK6;PAK6	0.270787	0.763982	0.786273	-1.27182	0.97149	1.02895	1.02895	0.0724521	0.49564	0.49564	0.585016	1.55321	1.55321	0.413093	0.51265	1.95065	0.88783	0.893423	-1.11929	0.869202	1.14065	1.14065	0.0275664	0.12485	-8.00961	0.907169	0.911058	-1.09762	1.56097	15.7633	8.97635	1
cg16393207	GDPD5	0.270801	0.495132	0.744414	-1.34334	0.886327	1.06288	1.06288	0.204193	0.564831	-1.77044	0.642461	0.819292	-1.22057	0.0360272	0.353704	-2.82723	0.927298	1.03967	1.03967	0.20713	0.567146	-1.76322	0.155028	0.522692	-1.91317	0.0591842	0.403261	-2.47979	1.56092	4.49284	2.55852	1
cg00435606	CENPV	0.270805	0.4129	1.24068	1.24068	0.302458	0.85792	0.857922	0.0425869	0.64109	0.64109	0.865778	1.12767	1.12767	0.364029	0.902251	-1.10829	0.829239	1.03524	1.03524	0.0902221	2.33052	2.33052	0.881549	0.96252	-1.03894	0.959537	1.01308	1.01308	1.5611	0.622887	0.924059	1
cg01894508	ASPRV1;ASPRV1	0.270806	0.1462	1.82899	1.82899	0.604349	1.22425	1.22425	0.649781	0.837833	-1.19356	0.272005	1.55671	1.55671	0.0765917	0.466545	-2.14341	0.498274	1.30487	1.30487	0.168254	0.566468	-1.76532	0.28935	1.53065	1.53065	0.969883	0.985493	-1.01472	1.5609	3.70365	2.10912	1
cg09068153	ID4	0.270811	0.334044	1.515931	1.515931	0.8567	0.4254258	0.0282	1.5005	1.636726	-1.67282	0.600169	0.936464	-1.69358	0.2479525	0.497462	-2.01021	0.0088795	0.412544	-2.42424	0.0115	0.244863	0.544678	-1.8295	0.211915	0.109068	0.640714	-1.56076	0.179093	1.87802	1.87802	0.158177	0.512355	-1.94949	1.56106	4.84049	2.75623	1
cg13051865	RGPD3	0.270811	0.563368	0.914003	-1.09409	0.294011	0.845794	-1.18238	0.262677	0.835474	-1.19692	0.487944	0.711456	-1.31456	0.373199	0.115109	1.15109	0.319793	0.853643	-1.17145	0.0323118	1.4707	0.575588	0.916644	-1.09094	0.96502	1.0067	1.00677	1.56088	0.585671	0.333527	1
cg23095812	MB;MB;MB;MB	0.270814	0.734094	0.827564	-1.20837	0.732989	1.20936	1.20936	0.608267	0.750527	-1.3324	0.603738	0.747759	-1.33731	0.0139267	0.185198	-5.39964	0.774551	1.17283	1.17283	0.428185	0.63825	-1.56678	0.218898	0.487823	-2.04992	0.135305	0.409158	-2.44404	1.56087	7.6179	4.33825	1
cg09763110	EPS8	0.270815	0.445072	1.18391	1.18391	0.132582	1.24184	1.24184	0.717882	1.08125	1.08125	0.964681	1.15254	1.15254	0.418627	0.83827	-1.19301	0.155944	1.17057	-1.38964	0.108683	1.694249	1.46146	0.880054	0.967784	-1.03329	0.226059	1.12212	1.12212	1.56087	1.16256	0.662057	1
cg13230804	ZNF530	0.270817	0.23846	0.775363	-1.28972	0.861994	1.0365	1.0365	0.028067	1.70677	1.70677	0.508238	1.14832	1.14832	0.296064	0.799905	-1.25015	0.294211	0.799168	-1.2513	0.78406	0.94599	-1.05709	0.85662	1.03797	1.03797	0.40917	1.18999	1.18999	1.56086	1.04965	0.597761	1
cg12481567	SLC22A5	0.270818	0.152544	0.882142	-1.13345	0.245297	0.49119	0.491193	0.0153975	1.50507	1.50507	0.747363	0.71202	-1.40443	0.0772453	0.23618	-4.23307	0.676227	1.06598	1.06598	0.0124612	0.5509	0.550904	-1.81549	0.0239744	0.0215511	0.0074474	0.225584	0.14025	-7.12966	0.0498	0.02923	-34.2	0.482812	1
cg04629133	PLAGL2	0.270821	0.727507	0.840501	-1.18977	0.394968	1.54149	1.54149	0.339846	1.63007	1.63007	0.570684	1.32925	1.32925	0.905067	1.06105	1.06105	0.963331	1.0231	1.0231	0.103085	0.412418	-2.42472	0.0307965	3.52501	3.52501	0.345207	1.62077	1.62077	1.56085	0.09013	3.47339	1
cg11914630	SNPH	0.270821	0.204812	0.930972	-3.32257	0.879281	0.872491	-1.14614	0.482542	1.89749	1.89749	0.416259	0.474416	-2.10785	0.107409	0.206692	-4.83811	0.771482	0.77	-1.2987	0.04528	0.127305	-7.85512	0.0775881	0.171956	-5.81545	0.339432	0.413268	-2.41974	1.56085	19.9113	11.3393	1
cg16026447	MIES1P1	0.270826	0.261244	0.7923	-1.26217	0.0262	2.46438	2.46438	0.127207	1.75984	1.75984	0.300159	0.55139	1.81397	0.207279	1.74272	1.74272	0.0478183	1.04502	1.04502	0.0479	2.04658	2.04658	0.0213414	1.72916	1.72916	0.056059	2.4691	2.4691	1.56083	4.31239	2.4539	1
cg23249667	NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1;A TP6V1G2	0.270832	0.372411	0.374274	-2.67184	0.103925	0.74056	0.74056	0.067822	0.98235	0.98235	0.633341	0.597048	-1.67491	0.154978	0.195262	5.12133	0.468814	0.453402	-2.20555	0.952715	0.938343	-1.06571	0.438236	0.428034	-2.33626	0.982573	0.976833	-1.02372	1.56081	28.4703	16.214	1
cg14014604	GPR155;GPR155	0.270832	0.502105	0.875032	-1.14282	0.157577	0.743675	-1.34467	0.51666	1.13753	1.13753	0.147863	0.737674	-1.35551	0.53963	0.885417	-1.12941	0.043767	0.634939	-1.57496	0.058775	0.658148	-1.51942	0.416282	0.840748	-1.17682	0.474374	0.867122	-1.15324	1.56081	0.949355	0.540662	1
cg10422455	MRGPRX2	0.270836	0.309397	0.490909	-2.03704	0.0423204	0.205613	-4.86351	0.374713	0.539967	-1.85197	0.405894	0.562633	-1.77736	0.0733033	0.259038	-3.86044	0.204744	0.404513	-2.47211	0.0659118	0.247688	-4.03733	0.209801	0.409027	-2.44482	0.858738	0.88648	-1.12806	1.5608	11.3085	6.44011	1
cg23025513	S100A2	0.270836	0.0609037	1.39198	1.39198	0.0238363	0.528561	-1.89193	0.115728	0.667483	-1.49817	0.751967	0.927778	-1.07784	0.515242	1.16882	1.16882	0.363027	1.25872	1.25872	0.0894361	1.81427	1.81427	0.224227	1.5246	1.5246	0.318696	1.40554	1.40554	1.5608	2.69722	1.53409	1
cg11029191	SIGLEC15	0.270836	0.156225	0.688182	-1.4531	0.783522	0.67679	-1.61896	0.810791	0.942622	-1.06087	0.936735	1.01975	1.01975	0.102105	0.643339	-1.55439	0.147109	0.681594	-1.46715	0.0594357	0.592026	-1.68912	0.182871	0.943248	-1.06017	0.79764	1.06535	1.06535	1.56078	1.50046	0.854534	1
cg21885159	GNG7	0.270841	0.41791	0.760464	-1.31525	0.398125	2.46438	2.46438	0.127207	1.75984	1.75984	0.300159	0.55255	1.81577	0.204922	1.74272	1.74272	0.0478183	1.04502	1.04502	0.0479	2.04658	2.04658	0.0213414	1.72916	1.72916	0.056059	2.4691	2.4691	1.56083	4.31239	2.4539	1
cg06911354	HOXA7 BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL 4	0.270847	0.0558969	12.083	12.083	0.280769	3.6322	3.6322	0.0895961	8.61206	8.61206	0.742531	0.684367	-1.46121	0.253997	0.25399	3.93716	0.962022	0.94669	-1.05631	0.482699	0.44007	-2.27236	0.520259	0.472448	-2.11663	0.69985	0.640383	-1.56157	1.56076	32.7195	18.6345	1
cg24655135	4	0.270847	0.478353	1.13741	1.13741	0.370697	1.54105	1.54105	0.764315	1.0597	1.0597	0.59808	1.52538	1.52538	0.178424	1.06686	1.06686	0.250968	0.80713	-1.23896	0.204899	0.2669	-3.74691	0.0965498	0.0997553	0.0158633	0.0113062	0.0124066	0.0102	1.56076	0.78879	0.449234	1
cg12924525	TSSC1	0.270849	0.129695	0.355281	-2.81467	0.215524	0.438651	-2.27972	0.531975	0.670194	-1.49211	0.241546	0.460735	-2.17045	0.0473905	0.23837	-4.19515	0.336607	0.534569	-1.87066	0.0399918	0.223001	-4.48428	0.684945	0.772709	-1.29415	0.181093	0.407552	-2.45367	1.56075	9.87795	5.62574	1
cg27151779	ZNF423	0.270849	0.0667407	1.50015	1.50015	0.0784276	0.814524	-1.22814	0.463395	0.791424	-1.26206	0.622016	0.639795	-1.56307	0.0888077	0.140833	-7.09974	0.174602	1.84106	1.84106	0.0077816	0.0997	-10.0307	0.0145966	0.0375458	-2.66341	0.0762707	0.794342	-1.2589	0.643573	14.2003	8.31881	1
cg15339231	DLX5	0.270867	0.981037	0.01304	0.01304	0.715553	0.800364	-1.24943	0.794643	0.853235	-1.17201	0.450581	0.626406	-1.59641	0.550815	1.44375	1.44375	0.182426	0.422729	-2.36558	0.606386	0.728881	-1.37197	0.0176209	5.7952	5.7952	0.726535	1.23819	1.23819	1.56069	0.15166	0.52131	1
cg10785601	LOC388796;LOC388796;SNORA71B	0.270872	0.624576	1.0091	1.0091	0.0892918	0.717113	-1.40625	0.796459	0.902116	-1.10837	0.607112	0.734342	-1.36056	0.17497	1.30827	1.30827	0.207226	1.27381	1.27381	0.165464	0.632068	0.920874	-1.08593	0.77964	1.05287	1.05287	0.419334	0.860351	-1.16232	0.649371	1.0867	1.08675	1.08675	1.56067	0.849394	0.446612	1
cg16947176	C8orf46	0.270873	0.760522	0.916739	-1.08987	0.682464	0.88571	-1.12904	0.251209	1.36133	1.36133	0.462789	0.95247	-1.0499	0.043388	0.519967	-1.9232	0.191469	1.2804	1.2804	0.375535	0.736404	0.990275	-1.09978	0.153057	1.53841	1.53841	0.152484	1.649574	-1.53947	1.56067	1.95884	1.11567	1
cg07112867	PIDM16;PIDM16;PIDM16	0.270875	0.457796	1.14073	1.14073	0.264613	1.44074	1.44074	0.981823	1.00398	1.00398	0.949798	0.989095	-1.01103	0.0566162	0.686744	-1.45615	0.552724	0.900692	-1.11026	?	?	?	0.611612	0.914684	-1.09327	0.573539	1.10411	1.10411	1.56063	0.667525	0.426958	1
cg02146001	GATA5	0.270875	0.540282	0.853004	-1.17224	0.3496	0.892227	-1.12073	0.788898	1.16986	1.16986	0.779718	0.583173	-1.7476	0.0178042	0.0599722	-16.6691	0.622714	1.62256	1.62256	0.205671	1.64464	1.64464	0.210099	1.63588	1.63588	0.195004	1.66663	1.66663	1.56066	3.4324	1.95495	1
cg26491924	ZNF613;ZNF613	0.270878	0.930643	1.02079	1.02079	0.0238363	0.528561	-1.89193	0.115728	0.667483	-1.49817	0.751967	0.927778	-1.07784	0.515242	1.16882	1.16882	0.363027	1.25872	1.25872	0.0894361	1.81427	1.81427	0.224227	1.5246	1.5246	0.318696	1.40554	1.40554	1.5608	2.69722	1.53409	1
cg03168026	PROS1	0.270881	0.77027	0.76541	1.06542	0.678118	0.913644	-1.09452	0.56371	1.13463	1.13463	0.104701	1.46776	1.46776	0.957436	0.988517	-1.01162	0.862573	0.663559	-1.50702	0.102888	0.677686	-1.47527	0.133123	0.871724	-1.14715	0.229601	0.761254	-1.31362	1.56064	1.15741	0.659218	1
cg26546229	ANKRD11	0.270882	0.0831147	0.726308	-1.37681	0.450762	0.879699	-1.13675	0.992414	1.15737	1.15737	0.452025	1.13633	1.13633	0.526724	0.898535	-1.11292	0.536174	1.11015	1.11015	0.319742	1.18709	1.18709	0.869161	1.02788	1.02788	0.0580257	0.699494	-1.42961	1.56064	0.68773	0.391708	1
cg24882295	KIAA0100;FLJ25006	0.270885	0.1045378	0.8602	-1.16267	0.0482603	0.165	-6.06467	0.0452603	1.12528	1.12528	0.713818	0.860604	-1.16222	0.0222304	0.251482	-3.97525	0.222274	0.695116	-1.43864	0.0559037	0.311742	-3.20791	0.0145966	0.0375458	-2.66341	0.0762707	0.794342	-1.2589	0.643573	14.2003	8.31881	1
cg15695731	HCG18;HCG18	0.270887	0.287855	1.55702	1.55702	0.175269	0.545044	-1.83472	0.461972	0.740467	-1.3505	0.180822	0.76852	1.76852	0.295724	0.54509	-1.83509	0.644709	1.2048	1.2048	0.163947	1.81483	1.81483	0.695724	1.19489	1.19489	0.158436	0.546098	-1.83117	1.56063	3.97958	2.26666	1
cg04948627	KIAA1539 TTC26;TTC26;TTC26;TTC26;TTC26;TTC26;TTC2	0.270882	0.768934	1.04513	1.04513	0.179312	1.23828	1.23828	0.0309208	1.46178	1.46178	0.947152	0.990117	-1.00898	0.0768149	1.34292	1.34292	0.971957	0.994747	-1.00528	0.476461	0.897202	-1.11458	0.838052	1.03114	1.03114	0.246641	1.19904	1.19904	1.56061	0.554848	0.31603	1
cg25594681	6	0.270896	0.7695	0.965619	-1.0356	0.872102	0.981458	-1.01889	0.518506	0.926782	-1.079	0.0318508	0.766612	-1.33938	0.267443	1.14362	1.14362	0.566013	0.934825	-1.06972	0.29389	1.13482	1.13482	0.186183	1.17682	1.17682	0.670874	1.05091	1.05091	1.5606	0.333538	0.189977	1
cg03879992	SORCS2	0.270897	0.135374	0.907057	-1.10253	0.671362	0.416662	-2.40202	0.12915	0.950054	0.95054	0.196635	0.870459	1.14909	0.0505553	0.0867613	-11.5293	0.0855	0.880991	-1.12018	0.0245955	0.442447	-2.16241	0.0776176	0.489986	-2.04087	0.597893	0.793613	-1.26056	1.56059	4.66194	2.65537	1
cg07596819	STOX2	0.2709	0.87265	0.890902	-1.12246	0.153043	0.02857	3.02857	0.0848705	3.94402	3.94402	0.111486	3.48463	3.48463	0.905083	0.917683	1.0897	0.819617	1.17879	1.17879	0.261703	2.32297	2.32297	0.0756935	4.15267	4.15267	0.107202	2.54754	3.54754	1.56058	12.8174	7.30064	1
cg07908508	ZNF30;ZNF30;ZNF30;ZNF30	0.270905	0.26279	0.768235	-1.30168	0.810073	0.94709	-1.05588	0.751445	1.0744	1.0744	0.99291	1.21515	1.21515	0.945195	0.869757	-1.14975	0.893308	1.03077	1.03077	0.0885353	0.654211	-1.52856	0.107805	0.672813	-1.4863	0.112809	1.47667	1.47667	1.56053	1.26044	0.717954	1
cg03494853	RUNX1T1;RUNX1T1;RUNX1T1;RUNX1T1	0.270916	0.670733	1.23367	1.23367	0.0208132	3.92021	3.92021	0.0384076	3.24767	3.24767	0.690331	0.821485	-1.21731	0.582983	1.31294	1.31294	0.848796	1.09826	1.09826	0.545246	1.35069	1.35069	0.753884	1.167	1.167	0.728989	1.18624	1.18624	1.56053	5.95917	3.39439	1
cg16398449	EIF4EBP3;ANKHD1-EIF4EBP3	0.270919	0.86834	1.10466	1.10466	0.0981784	0.13157	2.10107	0.0117104	0.882752	-1.13282	0.597779	0.882752	-1.13282	0.597779	0.889026	-1.12447	0.744	-1.14315	0.0170761	5.85736	5.85736	0.0170761	5.85736	0.569322	0.683137	-1.4637	0.668644	0.753032	-1.32974	0.5631	1.77586	0.26617	1
cg22603982	SULT2B1;SULT2B1	0.270919	0.676229	1.14107	1.14107	0.0731411	1.87399	1.87399	0.390348	1.31866	1.31866	0.516288	1.22977	1.22977	0.107311	0.575565	-1.73742	0.732976	0.897966	-1.11363	0.129446	0.559585	-1.7834	0.757712	1.10213	1.10213	0.445682	1.27674	1.27674	1.56052	2.44101	1.39043	1
cg14167185	ZC3HC1	0.

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
ng18037912	C12orf59	0.271205	0.175606	0.73399	-1.40176	0.157766	0.703742	-1.42503	0.296394	0.775778	-1.28903	0.538184	0.864024	-1.15738	0.325797	0.920746	-1.08608	0.240342	1.33412	1.33412	0.8622764	1.63542	1.63542	0.720996	0.9321968	-1.08464	0.753156	0.928082	-1.07749	1.55954	1.35822	0.774144	1
ng20274553	WDR27	0.271208	0.867571	0.966008	-1.03519	0.443029	0.850378	-1.17595	0.163489	0.734786	-1.36094	0.973039	0.993021	-1.00703	0.0223199	0.56699	-1.7637	0.65352	0.910618	-1.09816	0.152482	1.37381	1.37381	0.849778	0.96147	-1.04007	0.926261	0.981	-1.01937	1.55953	1.06066	0.604547	1
ng26362276	CCDC134	0.271211	0.411309	1.17083	1.17083	0.5193	1.13047	1.13047	0.240105	1.25973	1.25973	0.218564	0.784323	-1.27499	0.407219	1.17252	1.17252	0.606219	1.10254	1.10254	0.0346595	0.629816	-1.58776	0.461954	1.15094	1.15094	0.93022	1.01658	1.01658	1.55952	0.870428	0.496122	1
ng15045356	USP47	0.271237	0.931332	0.951502	-1.05097	0.0315379	0.214597	-4.65261	0.454412	0.634003	-1.57504	0.223546	0.15123	0.213227	0.433827	0.621102	-1.61002	0.779123	1.18203	1.18203	0.311203	1.86516	1.86516	0.284126	1.94522	1.94522	0.977904	1.0166	1.0166	1.61093	0.8273	4.26192	1
ng10601939	ARL5B RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB	0.271214	0.206353	0.74429	-1.34356	0.960526	0.989093	-1.01103	0.0420017	1.6869	1.68069	0.659901	0.906545	-1.10309	0.228514	1.32317	1.32317	0.628195	1.11419	1.11419	0.469141	0.849438	-1.17725	0.96917	1.0086	1.0086	0.180474	0.72971	-1.37041	1.55951	1.21256	0.691131	1
ng04064701	1	0.271215	0.473001	1.53083	1.53083	0.6627924	3.39179	3.39179	0.0250048	4.73879	4.73879	0.735912	1.21834	1.21834	0.846733	0.893245	-1.11951	0.311834	1.84117	1.84117	0.111192	2.73385	2.73385	0.681823	1.27187	1.27187	0.502722	1.48709	1.48709	1.55951	8.40643	4.7915	1
ng01824349	CHD1	0.271216	0.598213	1.14379	1.14379	0.0737444	1.66186	1.66186	0.631144	0.88496	-1.12999	0.850591	1.04879	1.04879	0.81585	1.06071	1.06071	0.258139	0.720832	-1.38705	0.115821	0.449318	-1.54008	0.146003	1.48335	1.48335	0.656365	0.893503	-1.11978	1.5595	1.57645	0.898547	1
ng08530484	NHEJ1	0.271216	0.641943	0.851982	-1.17373	0.0698048	0.995	-1.00503	0.959605	1.38018	1.38018	0.394179	1.34791	1.34791	0.198415	0.628166	-1.59194	0.956185	1.01897	1.01897	0.0614493	0.486381	-2.056	0.054917	0.474898	-2.10572	0.955584	0.981127	-1.01924	1.5595	2.80934	1.64744	1
ng12364031	ABCB5;ABCB5;ABCB5;ABCB5	0.271218	0.485838	0.869586	-1.14997	0.126045	0.72135	-1.38629	0.191842	0.761375	-1.31341	0.371007	1.19872	1.19872	0.428646	1.17286	1.17286	0.818228	0.955591	-1.04647	0.0542834	1.53873	1.53873	0.555717	1.12479	1.12479	0.828906	0.958194	-1.04363	1.5595	0.96168	0.548142	1
ng23446109	PCCA;PCCA	0.271226	0.1705	1.35051	1.35051	0.1610983	1.16562	1.16562	0.156482	1.16367	1.16367	0.0616759	1.55066	1.55066	0.0138302	1.1809	1.1809	0.531607	1.14116	1.14116	0.6098985	1.44303	1.44303	0.52717	1.14387	1.14387	0.573522	1.12586	1.12586	1.55947	1.07299	0.611597	1
ng13012494	C21orf56;C21orf56	0.271227	0.128291	1.04086	-1.70145	0.564931	2.00121	2.00121	0.123127	0.136472	-7.32748	0.604615	1.86419	1.86419	0.561707	0.496766	-2.01302	0.195701	1.95612	-1.12127	0.0419403	0.0611016	-16.3662	0.251021	0.239289	-4.17905	0.438007	0.389343	0.547547	1.55947	35.1161	20.016	1
ng24573738	SPRS1;SPRS1	0.271253	0.146418	1.34412	1.34412	0.618023	0.90885	-1.09506	0.476262	0.8727	-1.14587	0.0181446	0.581293	-1.71544	0.643677	0.916199	-1.09147	0.912984	0.979671	-1.02075	0.444159	0.866366	-1.15766	0.672141	1.08327	1.08327	0.884211	1.02776	1.02776	1.55945	0.871994	0.497008	1
ng30092867	COL9A3	0.271259	0.954892	0.969484	-1.03148	0.0315806	0.47685	-2.09611	0.0250048	0.5132	1.41303	1.41303	0.889762	0.926835	-1.07894	0.975955	0.863923	0.671442	1.26333	1.26333	0.128312	0.86169	-1.16071	0.46139	0.965356	1.02408	1.02408	0.158747	0.438105	-2.28256	1.55943	7.43338	4.22569	1
ng00065776	CENPF	0.271124	7	7	7	0.772015	0.798029	-1.25309	0.912865	0.918536	-1.08869	0.496475	1.73125	1.73125	0.567052	0.637718	-1.56809	0.535487	1.62913	1.62913	0.0195655	0.183733	-5.44255	0.0178432	0.0775	0.0775	0.0844805	0.0966	0.0966	1.55943	0.0966	0.0966	1
ng02470008	ODF2;ODF2	0.271231	0.891377	1.06158	1.06158	0.16384	1.9083	1.9083	0.596085	0.794161	-1.26357	0.113413	0.470795	-2.12413	0.755795	0.872435	-1.14618	0.402165	0.687313	-1.45494	0.262428	2.14282	2.14282	0.165887	1.65587	1.65587	0.0745213	2.2845	2.2845	1.55942	0.775271	0.677306	1
ng10302505	MYC	0.271241	0.573176	0.889716	-1.12395	0.475686	1.16054	1.16054	0.287267	1.25459	1.25459	0.364838	0.826021	-1.21062	0.0330512	0.599531	-1.66797	0.432567	0.848401	-1.17869	0.600836	1.11445	1.11445	0.591838	0.894849	-1.11751	0.220236	1.30288	1.30288	1.55942	1.04065	0.593182	1
ng20960077	C16orf42;GNPTG	0.271241	0.555353	1.13042	1.13042	0.169207	1.92151	1.92151	0.0514853	1.5721	1.5721	0.377922	0.830305	-1.20438	0.941989	1.01507	1.01507	0.452333	0.854407	-1.1704	0.900328	0.804845	-1.24264	0.1672	0.758855	-1.35337	0.808955	0.95144	-1.05104	1.55942	1.04007	0.594565	1
ng11704396	NCKIPSD;NCKIPSD	0.271241	0.401784	1.18792	1.18792	0.3089746	2.17454	2.17454	0.0664858	2.06128	2.06128	0.18417	1.18417	0.886964	0.393778	1.00626	0.295911	0.513292	1.51292	1.51292	0.152994	0.828631	0.930526	-1.08634	0.0714052	0.463401	-2.15796	0.340801	0.543196	1.55942	0.64014	0.2054	1
ng06376522	LPXN;ZFP91;ZFP91-CNTF	0.271244	0.131357	0.760144	-1.31554	0.5910378	1.09562	1.09562	0.232223	1.23484	1.23484	0.288456	0.830656	-1.20387	0.508703	1.11949	1.11949	0.603684	1.09218	1.09218	0.16403	0.778783	-1.28405	0.210593	1.24871	1.24871	0.232745	1.23452	1.23452	1.55941	0.700115	0.399077	1
ng18999998	DHX8	0.271246	0.694337	0.891412	-1.12178	0.3384582	1.12455	1.12455	0.3417	1.17347	1.17347	0.341751	1.32355	1.32355	0.622154	0.866444	-1.15464	0.927288	1.07844	1.07844	0.144758	0.615357	-1.62504	0.0178588	0.200021	1.14795	1.14795	0.178056	1.54164	1.54164	1.55941	2.07089	1.18044	1
ng22254691	CPSF6;CASP6	0.27125	0.93615	0.978894	-1.02156	0.0617973	1.75074	1.75074	0.208699	1.42312	1.42312	0.439843	1.23337	1.23337	0.257311	1.36992	1.36992	0.957359	0.985865	-1.01434	0.0988835	0.61377	-1.61891	0.85731	0.952045	-1.05037	0.247011	1.38027	1.38027	1.55939	1.75071	0.997944	1
ng19208539	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.271253	0.380708	1.1568	1.1568	0.1109	0.78098	-1.28005	0.0250048	0.78354	-1.28033	0.0250048	0.759365	-1.31705	0.0250048	0.775854	-1.28955	0.960554	1.04636	1.04636	0.0196398	0.915096	0.915096	0.0193598	0.926319	-1.07954	0.0190214	1.59083	1.59083	0.613772	1.07722	1.55942	0.928293	1
ng23548686	CLU	0.271259	0.173966	0.738284	-1.35449	0.877011	1.03302	1.03302	0.491404	0.863629	-1.15791	0.748529	0.934751	-1.0698	0.601707	1.1681	1.1681	0.498028	1.15524	1.15524	0.392325	1.20183	1.20183	0.509235	0.868959	-1.1508	0.0231237	1.76781	1.76781	1.55936	1.08687	0.619556	1
ng14910265	SATB1;LOC145663	0.271264	0.125876	1.36561	1.36563	0.243496	1.16627	1.16627	0.170843	0.760037	-1.31573	0.558511	1.11776	1.11776	0.310234	1.22328	1.22328	0.610833	1.10138	1.10138	0.357083	1.1958	1.1958	0.389579	1.02648	1.02648	0.0332435	1.59724	1.59724	1.55934	0.473021	0.498399	1
ng05189998	FOXN4	0.271265	0.215339	0.760579	-1.31535	0.38235	1.21527	1.21527	0.128884	1.43008	-1.43008	0.0235112	0.950982	-1.05151	0.364548	1.06242	1.06242	0.415323	0.85434	-1.17021	0.0546966	0.295279	-3.39025	0.0178353	0.763357	-1.30148	0.692422	0.916981	-1.09053	1.55934	1.17354	0.668864	1
ng00603487	RIN3	0.271265	0.0431852	0.252816	-3.95544	0.552446	0.70096	-1.42661	0.866184	1.10484	1.10484	0.465179	0.644415	-1.55179	0.0945027	0.337375	2.96406	0.306236	0.534599	-1.87056	0.105387	0.346589	-2.88526	0.130472	0.380793	-2.6261	0.159282	0.410973	-2.43325	1.55934	8.631	4.92003	1
ng08088171	CANT1;CANT1;CANT1	0.271266	0.845306	0.92941	-1.07595	0.1046868	0.87153	1.14636	0.502575	1.24683	-1.24683	0.0235112	0.816801	0.931565	0.477247	1.07422	1.07422	0.441369	0.905138	-1.10465	0.416792	0.172227	-5.80607	0.0178428	0.0775	0.0775	0.0844805	0.0966	0.0966	1.55932	0.0966	0.0966	1
ng23317681	MCM7;MCM7;AP4M1	0.271274	0.120499	1.26143	1.26143	0.709518	1.05296	1.05296	0.0449719	1.33743	1.33743	0.450321	0.899355	-1.11191	0.579124	0.925642	-1.08033	0.906328	0.983897	-1.01637	0.15658	0.811414	-1.23242	0.782578	1.03889	1.03889	0.431902	1.11697	1.11697	1.55931	0.469686	0.267746	1
ng04521004	SHOX2;SHOX2;SHOX2	0.271275	0.760844	0.823261	-1.21468	0.263846	2.10368	2.10368	0.108989	3.04506	3.04506	0.659285	0.753772	-1.32666	0.647168	0.745588	-1.34122	0.482546	0.634656	-1.57566	0.447263	0.610508	-1.63798	0.0325201	4.92454	4.92454	0.80047	1.17508	1.17508	1.5593	10.0228	5.71354	1
ng20823481	ACSL1	0.271284	0.411184	1.29041	1.29041	0.3784	1.17347	1.17347	0.341751	1.32355	1.32355	0.622154	0.864444	-1.15636	0.631077	0.879374	-1.14682	0.624097	1.08303	1.08303	0.316488	0.772642	-1.29483	0.379121	1.14003	1.14003	0.0106883	2.12013	2.12013	1.55931	2.70089	1.83884	1
ng03505125	TRIM75	0.271278	0.0893768	0.3303	-3.02728	0.2958339	0.219851	-4.54854	0.344114	0.559831	-1.78625	0.582885	0.721906	-1.38522	0.101426	0.346259	-2.88801	0.364713	0.576487	-1.73464	0.000774	0.928888	-1.07656	0.113752	0.36146	-2.76655	0.548657	0.698444	-1.43175	1.5593	8.63663	4.92338	1
ng09493406	CYP51A1	0.271281	0.57608	0.908	-1.10092	0.3559	0.98115	-1.01915	0.7623	0.76955	-1.29938	0.26878	0.868173	-1.15182	0.0345	0.944155	-1.05923	0.642851	0.888403	-1.12516	0.312887	1.28334	1.28334	0.2611	0.904776	-1.10525	0.423312	0.885159	-1.12941	1.55931	0.887293	0.447	1
ng02451831	KIAA0087	0.271281	0.876495	0.895311	-1.11693	0.0213682	2.14515	2.14515	0.0470043	5.03538	5.03538	0.898356	0.913138	-1.09513	0.519777	1.59036	1.59036	0.789102	1.21	1.21	0.394542	1.85903	1.85903	0.907911	0.921016	-1.08576	0.96326	0.967779	-1.03329	1.55928	12.4854	7.11747	1
ng08645907	ATXN7L1;ATXN7L1	0.271283	0.0736098	0.294071	-3.40054	0.538921	1.46486	1.46486	0.905421	1.07567	-1.07567	0.450705	0.624006	-1.60255	0.0412541	0.235788	4.2411	0.502728	0.658763	-1.518	0.325415	0.536269	-1.86473	0.0927855	0.321435	-3.11105	0.922738	0.942208	-1.06134	1.55928	9.29956	5.30135	1
ng26408227	ADCY7	0.271284	0.351839	1.19004	1.19004	0.3733	0.675941	-1.48333	0.301656	1.42222	-1.42222	0.260843	0.784979	-1.27403	0.0250048	0.577879	1.73054	0.448824	0.533158	-1.88197	0.0546999	0.0991444	-10.0873	0.0178427	0.362127	0.83869	-1.19192	0.626022	0.217003	0.345024	-2.89855	0.57628	0.449462	1
ng01393945	RDPN1L	0.271287	0.593582	0.745742	-1.34095	0.354991	3.79362	3.79362	0.662176	1.27055	1.27055	0.714327	0.818537	-1.22169	0.660387	0.785984	-1.27229	0.233974	1.97304	1.97304	0.237327	0.50953	-1.96259	0.677912	1.25542	1.25542	0.201935	0.480051	-2.08311	1.55926	7.32574	4.17618	1
ng09134794	ZIC2	0.271292	0.32592	1.20845	1.20845	0.774735	0.805555	-1.24602	0.628455	1.45326	1.45326	0.285522	0.427268	-2.34008	0.0494582	0.393879	2.54449	0.527464	0.612152	-1.63353	0.0244867	0.138168	-7.80227	0.0178427	0.591082	0.74833	-1.33575	0.555925	0.541327	0.627335	1.55926	12.7335	6.25	1
ng18060909	ANXA6;ANXA6 YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA	0.271294	0.701493	0.920577	-1.08627	0.63695	1.10755	1.10755	0.805329	1.05449	1.05449	0.232132	0.763947	-1.30899	0.0997542	0.678681	1.47345	0.276699	1.2752	1.2752	0.0739202	1.57293	1.57293	0.172997	2.27297	2.27297	0.562328	1.13414	1.13414	1.55924	1.14015	0.649972	1
ng26192520	Z;YWHAZ	0.271298	0.636994	0.778476	-1.28456	0.14961	2.25666	2.25666	0.123707	2.40691	2.40691	0.125187	2.39729	2.39729	0.790817	0.869315	-1.15033	0.95956	1.02707	1.02707	0.182338	0.474436	-2.10777	0.12361	2.40754	2.40754	0.697674	1.22832	1.22832	1.55923	6.85348	3.90705	1
ng02949582	ADAM12;ADAM12	0.2713	0.195405	0.431436	-2.31784	0.359587	0.560878	-1.78292	0.456759	0.627971	-1.59243	0.382497	1.7329	1.7329	0.0193289	0.308108	-3.24562	0.941985	1.04569	1.04569	0.0683607	0.49982	-3.49892	0.0305	0.63605	0.74265	-1.34653	0.926832	0.914401	-1.09408	1.55922	9.30621	5.30534	1
ng13797209	LBL;BR	0.271303	0.0229254	0.222351	-4.49741	0.0313841	1.15951	1.15951	0.0636464	1.46515	1.46515	0.407162	0.900774	-1.11044	0.0494582	0.393879	2.54449	0.493297	1.1326	1.1326	0.117477	0.30494	-3.27955	0.0178427	0.11747	0.11747	0.0844805	0.0966	0.0966	1.55922	0.0966	0.0966	1
ng19043147	COMMD9;COMMD9	0.271308	0.11476	2.02371	2.02371	0.154814	1.86983	1.86983	0.552533	1.28014	1.28014	0.231974	1.67403	1.67403	0.106024	0.484045	-2.06592	0.356207	1.47703	1.47703	0.433868	0.72021	-1.38848	0.314402	1.53357	1.53357	0.525303	1.30284	1.30284	1.55919	1.17427	2.37814	1
ng21472700	DYNC1I2	0.271311	0.900368	1.03555	1.03555	0.329411	0.764338	-1.30832	0.430938	1.23592	1.23592	0.579553	0.862895	-1.15889	0.862126	1.04687	1.04687	0.546279	0.851385	-1.17456	0.928905	1.02379	1.02379	0.141077	0.658957	-1.51755	0.0163143	0.461263	-2.16796	1.55919	1.71453	0.977453	1
ng11500390	LMAP4K2;MEN1 PTPN5;PTPN5;PTPN5;PTPN5;PTPN5	0.271313	0.149476	0.657684	-1.52049	0.0652469	0.570556	-1.75268	0.866523	0.955415	-1.04667	0.524255	0.839483	-1.19121	0.0703601	0.577873	-1.73049	0.444781	1.23517	1.23517	0.293927	1.34334	1.34334	0.49389	0.828312	-1.20728	0.64925	0.883252	-1.13218	1.55918	1.81526	1.03488	1
ng13344818	N5	0.271315	0.0209951	0.261297	-3.82707	0.594615	1.29643	1.29643	0.809887	0.890308	-1.12355	0.833441	1.10734	1.10734	0.771356	1.15124	1.15124	0.202306	1.91681	1.91681	0.299164	1.6822	1.6822	0.418014	0.670312	-1.49184	0.871713	1.08124	1.08124	1.55917	5.76899	3.28802	1
ng25746024	CHRNB2	0.271319	0.183274	0.597336	-1.67474	0.827415	0.923357	-1.08301	0.775097	1.10815	1.10815	0.712009	0.87335	-1.14502	0.597143	0.708708	-1.41102	0.502308	1.2823	1.2823	0.0263029	0.382004	-2.61778	0.0197343	0.592705	-1.68738	0.142083	0.561909	-1.77965	1.55916	3.29348	1.87764	1
ng20653075	MIR124-2	0.271319	0.147442	1.87182	1.87182	0.146746	7.6315	7.6315	0.0250048	2.10119	2.10119	0.837245	1.10972	1.10972	0.9305566	0.85599	-1.08506	0.777151	1.24641	1.24641	0.0779753	1.27579	1.27579	0.113728	3.14805	3.14805	0.499705	1.58631	1.58631	1.55915	11.2012	6.38389	1
ng18098714	BRD2	0.271329	0.996027	0.999119	-1.00088	0.235697	0.996027	0.996027	0.963663	0.961754	-1.04015	0.105263	1.36282	1.36282	0.500224	0.88585	-1.12886	0.378646	0.852151	-1.1735	0.692421	1.02791	1.02791	0.0372096	1.11685	1.11685	0.259922	1.24608	1.24608	1.55912	0.774737	0.441694	1
ng14491482	GRK5	0.271332	0.170585	1.30236	1.30236	0.5104	0.726463	-1.38663	0.0250048	1.14918	1.14918	0.348318	0.914737	-1.09331	0.0250048	0.577879	-1.73049	0.450664	1.45567	1.45567	0.2972079	0.625633	-1.59827	0.0178427	0.41584	0.41584	0.0844805	0.0966	0.0966	1.55911	0.0966	0.0966	1
ng10718618	GUK1;GUK1	0.271334	0.753711	0.88821	-1.12586	0.176837	0.582333	-1.71723	0.127922	0.537997	-1.85875	0.149491	1.78977	1.78977	0.745722	1.13038	1.13038	0.327998	1.46271	1.46271	0.458251	1.32907	1.32907	0.883148	0.946112	-1.05696	0.107845	1.93645	1.93645	1.5591	3.50295	1.99713	1
ng15116398	CLCN7;CLCN7	0.271334	0.43774	1.78062	1.78062	-1.28105	0.523085	1.22617	1.22617	0.681054	0.867899	-1.15305	0.209016	0.709287	-1.40947	0.0299897	0.502872	-1.27106	0.444831	0.783277	-1.27669	0.948464	1.05443	1.05443	0.0393411	1.03043	1.03043	0.760947	0.90876	-1.1004	1.55909	0.247139	1.37824	1
ng27001401	IL6R;IL6R	0.271342	0.866408	-3.18016	-3.14457	7	7	7	0.0250048	0.248561	0.511075	-1.95666	0.684993	0.796949	-1.25479	0.0401188	0.267152	0.345819	0.655863	0.655307	1.526	0.275267	0.531705	-1.88074	0.109148	0.378246	-2.64378	0.449662	0.651221	-1.53558	1.56182	0.80961	4.36004	1
ng23366166	FEZ1;FEZ1	0.271344	0.41571	1.47692	1.47692	0.929745	1.0422	1.0422	0.0370584	3.11102	3.11102	0.26082	1.73282	1.73282	0.375632	0.652962	-1.53148	0.563975	0.760772	-1.31445	0.205017	0.53427	-1.87171	0.786736	1.13556	1.13556	0.248886	1.75942	1.75942	1.55907	5.42594	3.09355	1
ng04209202	TBC1D8	0.271345	0.233576	0.748482	-1.33602	0.5246	1.47922	1.47922	0.210706	1.47922	1.47922	0.483943	1.80653	1.80653	0.215113	0.465107	-2.15011	0.508611	0.760503	0.888029	-1.12609	0.443113	1.26129	1.26129	0.755984	0.904415	-1.10568	0.0545263	1.91082	1.91082	0.215067	1.57624	1.24066	1
ng25298235	COG5;COG5;COG5;DUS4L	0.271351	0.0999954	0.280976	-3.55902	0.483384	0.655986	-1.52442	0.553407	0.7263	-1.37684	0.457714	1.49687	1.49687	0.319074	1.73195	1.73195	0.949715	1.03421	1.03421	0.692961	0.809225	-1.23575	0.328938	1.71164	1.71164	0.116366	0.402464	-2.48469	1.55905	7.02534	4.00549	1
ng18863333	SOX11	0.271354	0.0215135	0.208334	-4.79834	0.0313841	1.0209	1.0209	0.0636464	1.31608	1.31608	0.388593	0.963217	-1.03819	0.0494582	0.393879	2.54449	0.241656	1.49459	1.49459	0.0272585	0.585908	-1.70675	0.0178427	0.317311	1.35931	1.35931	0.104287	0.086691	-11.5349	0.0966	0.0966	1.55904	0.0966	0.0966	1
ng11960604	ARHGEF10	0.271358	0.636165	0.817062	-1.2239	0.0350284	0.352969	-2.83311	0.0428555	0.372241	-2.68643	0.833404	0.914571	-1.09341	0.27907	0.620555	-1.61146	0.406833	0.697841	-1.43299	0.850602	1.08323	1.08323	0.734299	1.15539	1.15539	0.609199	1.24434	1.24434	1.55903	4.4385	2.53064	1
ng06512570	LOC388692	0.271362	0.0523244	0.26538	2.66538	0.132986	2.04948	2.04948	0.311162	1.59022	1.59022	0.917096	0.954952	-1.04717	0.276632	1.65027	1.65027	0.782409	1.13039	1.13039	0.428981	1.42967	1.42967	0.0478985	2.7217	2.7217	0.126243	2.07998	2.07998	1.55901	4.83898	2.75901	1
ng20788662	SOX20T	0.271375	0.172045	1.30356	1.30356	0.496278	0.720268	-1.39472	0.0250048	0.77554	-1.29004	0.0725984	-1.57744	0.632581	0.20376	2.00479	0.456243	1.14706	0.470217	2.11684	0.0198464	0.0934903	0.0894	0.0894	0.0894	10.6	10.6	0.0894	0.0894	10.6	1.55897	28.4227	16.1946	1
ng12585914	DDX39	0.271384	0.744808	0.948476	-1.05432	0.30451	0.18816	1.18816	0.139043	1.2942	1.2942	0.749041	1.05336	1.05336	0.955441	0.990991	-1.00909	0.422931	0.875843	-1.14176	0.0712866	0.721604	-1.3858	0.137775	1.29544	1.29544	0.330223	1.17672	1.17672	1.55894	0.647678	0.369299	1
ng25938647	C14orf86;FAM181A	0.271385	0.957653	1.16597	1.16597	0.123495	0.72135	1.38629	0.191842	0.761375	1.31341	0.371007	1.19872	1.19872	0.428646	1.17286	1.17286	0.818228	0.955591	1.04647	0.0542834	1.53873	1.53873	0.555717	1.12479	1.12479	0.828906	0.958194	1.04363	1.5593	0.96168	0.548142	1
ng00111532	SOLH	0.271385	0.436252	1.3154	1.3154	0.130792	0.569402	-1.75623	0.213444	0.636228	-1.57176	0.834461	0.930317	-1.0749	0.306024	1.44167	1.44167	0.431402	1.31939	1.31939	0.113504	1.81196	1.81196	0.885447	0.951461	-1.05102	0.176806	0.609235	1.6414	1.55892	2.94139	1.67717	1
ng11662609	FBXO18;FBXO18	0.27139	0.735101	0.935647	-1.06878	0.0652002	1.50001	1.50001	0.675496	0.920846	-1.08596

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1243 vs. N)	Ratio(1243 vs. N)	Fold-Change(1247 vs. N)	Ratio(1247 vs. N)	Fold-Change(1321 vs. N)	Ratio(1321 vs. N)	Fold-Change(1347 vs. N)	Ratio(1347 vs. N)	Fold-Change(1477 vs. N)	Ratio(1477 vs. N)	Fold-Change(1537 vs. N)	Ratio(1537 vs. N)	Fold-Change(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5437 vs. N)	Ratio(5437 vs. N)	Fold-Change(5637 vs. N)	Ratio(5637 vs. N)	F(Error
cg01511480	SCNN1A;SCNN1A;SCNN1A	0.271650	0.849341	-1.17738	0.277881	1.94436	1.94436	0.0817803	0.603024	-1.65831	0.207744	1.705848	-1.41674	0.258846	0.734226	-1.36198	0.260641	1.90326	1.90326	0.206413	1.4181	1.4181	0.838153	1.13227	0.955971	0.985625	-1.01458	1.55801	1.60699	0.96818	1
cg03010684	CENPN;CENPN;CENPN;C16orf61	0.271661	0.599169	0.796246	-1.25589	0.717002	0.855233	-1.16927	0.490823	1.35074	0.550564	0.747056	-1.33859	0.910344	1.04958	1.04958	0.947055	0.971873	-1.02894	0.0118174	0.259109	-3.85937	0.162504	0.526987	-1.89758	0.50162	0.746033	-1.34042	1.558	4.554	2.59821	1
cg18357645	C9;C9;C9;C9;C9;C9;C9;C9;C9;C9	0.271675	0.394132	1.31905	1.31905	0.787043	1.0897	1.0897	0.0911544	1.80453	1.80453	0.377343	1.33293	1.33293	0.10754	0.572802	-1.7458	0.0655799	1.9263	1.9263	0.723526	0.8934434	-1.11928	0.837013	0.93674	-1.06753	0.852537	1.06081	1.06081	1.557795	2.48345	1.41694	1
cg25721040	KIF26B	0.271676	0.556765	0.874053	-1.14296	0.108059	1.48309	1.48309	0.077805	1.55366	1.55366	0.715992	1.08449	1.08449	0.482518	1.17405	1.17405	0.5021176	1.885533	-1.13926	0.0976696	1.50461	1.50461	0.288654	0.780645	-1.28099	0.787981	0.9412	-1.06247	1.557394	1.24707	0.715122	1
cg04048634	GABRG1;GABRG1	0.271682	0.125216	2.27294	2.27294	0.841406	1.1042	1.1042	0.647859	1.25548	1.25548	0.0244734	3.76619	3.76619	0.153155	2.13154	2.13154	0.965058	0.97856	-1.02191	0.937983	0.2268122	-1.03925	0.887838	1.07232	1.07232	0.104645	2.40497	2.40497	1.557592	0.03991	3.44613	1
cg19901143	KIAA1524;DZIP3;KIAA1524	0.271687	0.108977	1.45069	1.45069	0.193687	1.34606	1.34606	0.552994	1.13626	1.13626	0.960615	1.0083	1.0083	0.279105	0.7870012	-1.27043	0.119406	0.693614	-1.44172	0.872668	0.9664398	-1.03473	0.314441	1.236	1.236	0.1984667	1.13543	1.13543	1.55791	1.11777	0.637762	1
cg09135318	FBXW4	0.271687	0.0286312	0.631324	-1.58397	0.455213	0.873289	-1.1451	0.315851	1.2029	1.2029	0.311423	1.20508	1.20508	0.4682	0.876798	-1.14051	0.860579	1.03181	1.03181	0.375694	1.1758	1.1758	0.86727	0.9706543	-1.03024	0.2770303	0.817583	-1.22312	1.557791	0.782942	0.44672	1
cg05374412	CDH13	0.271689	7	7	7	0.627083	1.42023	1.42023	0.162561	3.03556	3.03556	0.139578	0.304035	-3.28909	7	7	7	0.286695	0.445458	-2.24468	7	7	7	7	0.689905	1.33229	1.33229	1.779099	7.29314	4.10433	1
cg05768620	NUMA1	0.271689	0.240845	1.24565	1.24565	0.089659	1.64359	1.64359	0.413755	1.15435	1.15435	0.449912	1.14767	1.14767	0.79268	1.04825	1.04825	0.267651	0.81337	-1.22945	0.801227	1.04616	1.04616	0.933742	1.01499	1.01499	0.156586	1.13137	1.13137	1.5579	0.789606	0.450525	1
cg04525496	VCAN;VCAN;VCAN;VCAN;VCAN;VCAN;V	0.271698	0.202112	1.21303	1.21303	0.304817	0.858665	-1.1646	0.989231	0.998067	-1.00194	0.666628	1.06412	1.06412	0.0799669	1.32125	1.32125	0.94062	1.01074	1.01074	0.764852	1.04314	1.04314	0.0654409	0.743408	-1.34516	0.453679	1.896327	-1.11566	1.55787	0.507321	0.289467	1
cg23136742	KCNK3	0.271699	0.189888	1.86162	1.86162	0.341157	1.65121	1.65121	0.202679	0.547724	-1.82574	0.760622	1.14156	1.14156	0.350606	1.53728	1.53728	0.992543	0.995826	-1.00419	0.0268168	1.32491	1.32491	0.429708	1.43449	1.43449	0.682183	0.831699	-1.20236	1.55787	4.94302	2.82039	1
cg01229823	NIP7;COG8	0.2717	0.155159	0.716259	-1.39614	0.183928	1.36282	1.36282	0.323327	1.2514	1.2514	0.680703	1.09501	1.09501	0.134172	1.44083	1.44083	0.161189	0.720736	-1.38855	0.408426	1.2036	1.2036	0.94863	1.23574	1.23574	0.700453	0.918898	-1.08885	1.55786	1.81229	0.677449	1
cg07148716	GIB6;GIB6;GIB6;GIB6	0.271703	0.339207	0.709793	-2.45825	0.790278	0.783976	-1.27555	0.423197	1.5717	1.5717	0.33777	0.405638	-2.46525	0.144411	0.238944	-4.18509	0.557068	1.71987	1.71987	0.0248945	0.0873836	-11.4438	0.411583	2.15244	2.15244	0.879696	1.14818	1.14818	1.55785	0.20593	11.7366	1
cg13444538	IPP2	0.271705	0.848717	1.15314	1.15314	0.790975	1.21921	1.21921	0.700805	1.33455	1.33455	0.651724	1.40359	1.40359	0.104533	2.05355	2.05355	0.40458	0.529236	-1.88952	0.423424	1.84052	1.84052	0.617753	1.4036	1.4036	0.786774	0.816846	-1.22422	1.55785	13.7362	7.8377	1
cg21617903	VGLL4;VGLL4;VGLL4;VGLL4	0.271715	0.34748	1.97423	1.97423	-1.07186	0.849677	-1.08015	0.882047	1.03888	-2.78705	0.55051	1.97841	1.97841	0.363611	1.96928	1.96928	0.963409	0.975886	-1.02474	0.390968	0.626203	1.59693	0.0468688	1.359891	1.35891	0.887574	0.927417	-1.07826	1.55783	0.662738	0.392155	1
cg07500806	FMN1	0.271711	0.502142	1.2799	1.2799	0.091864	1.95889	1.95889	0.37685	0.7199611	-1.38896	0.818884	0.5984554	-1.67097	0.420694	1.34723	1.34723	0.172758	1.69166	1.69166	0.205793	1.62187	1.62187	0.946001	0.975758	-1.02484	0.338575	1.699486	-1.42962	1.55783	3.23879	1.84804	1
cg20811659	CACNA1G;CACNA1G;CACNA1G;CACNA 1G;CACNA1G;CACNA1G;CACNA1G;CAC	0.271716	0.706271	1.05599	1.05599	0.188228	0.818223	-1.22216	0.89555	1.01908	1.01908	0.13522	1.26073	1.26073	0.740567	0.953315	-1.04897	0.312144	0.860326	-1.16235	0.0959515	0.768678	-1.30093	0.53147	1.09549	1.09549	0.163205	1.2388	1.2388	1.55781	0.510801	0.291464	1
cg18172881	TMEM27;TMEM27	0.271717	0.0593395	1.58918	1.58918	0.286272	2.35509	2.35509	0.0532155	5.46805	5.46805	0.148047	3.32109	3.32109	0.42628	0.533458	-1.87456	0.667929	1.3963	1.3963	0.886577	0.895479	-1.11672	0.965864	0.967439	-1.03366	0.773642	0.800064	-1.2499	1.5578	14.762	8.42325	1
cg21445527	PCGF3	0.271717	0.648024	0.89723	-1.11454	0.66395	0.90195	1.67285	1.67285	0.274824	1.86577	1.86577	0.31864	0.679172	1.47235	1.14536	1.14536	0.0918845	0.64544	-1.54933	0.0	0.642739	1.55487	0.0	0.0	0.0	0.0	0.0	0.0	1.55787	0.663628	1.50687	1.5528	1.93745	0.878094	1
cg14549739	COMP	0.271719	7	7	7	0.195	1.67285	1.67285	0.274824	1.86577	1.86577	0.31864	0.679172	-1.47238	0.877768	1.05947	1.05947	0.11601	1.89877	1.89877	0.213119	0.62545	-1.59885	0.509632	1.28541	1.28541	0.338712	1.44798	1.44798	1.56051	3.09531	1.98352	1
cg14224288	ZNF333	0.271724	0.884066	0.961301	-1.04026	0.445089	0.910732	1.10167	-1.23438	0.977461	0.992387	-1.00767	0.665886	0.889129	-1.1247	0.0201552	2.468967	0.213234	0.045199	0.537119	-1.86179	0.817949	0.939471	-1.06443	0.984422	1.0051	1.0051	0.279404	0.737721	-1.35553	1.55778	1.80524	1.03009	1
cg13449311	TGFBR1;TGFBR1	0.271725	0.622405	1.08155	1.08155	0.0572227	1.60614	1.60614	0.918257	1.10522	1.10522	0.889566	1.00917	1.00917	0.0990503	1.00003	1.00003	0.947086	1.04004	-1.14204	0.313848	0.540857	-1.84892	0.0778586	1.02407	1.02407	0.959518	0.872677	-1.25099	1.551989	0.780398	0.600018	1
cg15024277	NGFRAP1;NGFRAP1;NGFRAP1	0.271729	0.60632	0.383315	-2.60882	0.843097	0.695254	-1.43832	0.675672	0.460169	-2.17311	0.243796	0.48341	0.48341	0.944083	1.13814	1.13814	0.0154051	0.00415074	-240.921	7	7	7	0.756876	1.77329	1.77329	0.729002	0.526467	-1.89945	1.56047	74.7522	47.9035	1
cg16393182	HIST2H2AA3	0.271732	0.683663	0.720157	-1.38685	0.609578	0.54184	1.84584	0.0335257	7.2612	7.2612	0.137642	0.595319	-1.67977	0.810784	0.833818	-1.1993	0.987615	0.987685	-1.01247	0.492223	0.573029	-1.74511	0.689616	1.37778	1.37778	0.609391	0.662738	-1.50889	1.55776	15.7222	8.87142	1
cg00423871	TICAM1	0.271735	0.719044	0.92124	-1.08549	0.043936	0.61979	1.69179	0.473176	1.18918	1.18918	0.620982	1.11984	1.11984	0.796337	1.06049	1.06049	0.230611	1.33055	1.33055	0.026142	1.82077	1.82077	0.71127	1.0881	1.0881	0.892843	0.965857	-1.03108	1.55775	1.27228	0.72599	1
cg19645639	SLC16A1	0.271736	0.44913	0.735608	-1.35942	0.322691	1.50182	1.50182	0.537419	1.28224	1.28224	0.31331	1.51464	1.51464	0.243984	0.615524	-1.62463	0.684699	0.849996	-1.17648	0.0791443	0.460243	-2.17277	0.825783	0.95169	-1.09173	0.100501	2.04679	2.04679	1.55774	3.91012	2.23122	1
qp8039385	HIST1H2AL;HIST1H2BL	0.271739	0.600527	0.775933	-1.28933	0.413914	0.554	1.80505	0.0373254	7.26412	7.26412	0.137642	0.594634	-1.68263	0.810784	0.834154	-1.19904	0.987615	0.987685	-1.01247	0.492223	0.573029	-1.74511	0.689616	1.37778	1.37778	0.609391	0.662738	-1.50889	1.55776	15.7222	8.87142	1
cg17813475	PB1	0.271745	0.749178	0.916286	-1.09136	0.888555	1.03885	1.03885	0.587822	1.16084	1.16084	0.126566	0.639099	-1.5647	0.479848	0.822212	-1.21623	0.0708871	0.576947	-1.73326	0.0825566	1.68992	1.68992	0.785194	1.0773	1.0773	0.392948	0.787797	-1.26936	1.55771	1.83258	1.04574	1
cg21278532	SCRN1;SCRN1;SCRN1;SCRN1	0.271746	0.433159	0.603492	-1.65702	0.4432253	0.230315	-4.34188	0.290595	0.500327	-1.99869	0.967418	0.974539	-1.02613	0.842916	1.13346	1.13346	0.840649	1.13554	1.13554	0.125608	2.84787	2.84787	0.271569	2.05992	2.05992	0.498794	1.54272	1.54272	1.55771	9.83542	5.61248	1
cg17060139	TOP1MT	0.271752	0.794429	1.05618	1.05618	0.9119	0.977099	-1.02344	0.110917	0.695209	-1.41842	0.491933	0.864668	-1.15651	0.194696	1.33262	1.33262	0.224214	1.30637	1.30637	0.111578	0.697403	-1.43389	0.760098	1.06444	1.06444	0.214013	1.31503	1.31503	1.55769	1.08093	0.616828	1
cg14377416	VAV2;VAV2	0.271754	0.67805	1.47395	1.47395	0.15463	1.57342	-1.74382	0.304008	1.57514	1.57514	0.0990404	1.49571	0.6403116	0.0992407	1.49571	0.6403116	0.2460157	1.68476	1.68476	0.0594355	1.67441	1.67441	0.5644323	1.5408	1.5408	0.0134942	1.20345	1.20345	1.55767	0.96508	0.240545	2.53854	1
cg25297146	DIP2C	0.271762	0.19067	0.197024	-5.07552	0.0831497	0.105527	-9.47622	0.810167	0.754196	-1.32592	0.741065	1.47511	1.47511	0.0941581	0.115638	-8.64767	0.59997	0.537761	-1.85956	0.067457	0.0905479	-11.0439	0.557502	2.00451	2.00451	0.20913	0.211836	-4.72064	1.55765	33.9012	19.346	1
cg09731561	NBR1;NBR1;NBR1	0.271764	0.24306	1.4545	1.4545	0.0932599	0.824849	1.68049	0.955057	0.890207	-1.0058	0.995212	0.994005	1.00591	0.0168474	1.11843	1.11843	0.944024	0.98756	-1.01263	0.8252	0.960133	-1.04144	0.503205	0.883602	0.883602	-1.12948	0.134011	1.13592	1.13592	1.55764	0.842166	1
cg03063946	NARFL	0.271772	0.24026	0.65904	-1.51736	0.655854	1.16429	1.16429	0.54485	1.231	1.231	0.833641	0.931158	-1.07393	0.101652	1.5445955	-1.83623	0.0478177	0.464235	-2.15408	0.245285	0.662231	-1.51005	0.415451	0.754066	-1.32614	0.114137	0.558321	-1.79108	1.55762	2.83711	1.61906	1
cg06253734	ADAM10	0.271772	0.78615	0.919367	-1.08771	0.768459	0.91278	-1.09555	0.653771	1.14978	1.14978	0.205847	1.51067	1.51067	0.605633	0.851283	-1.1747	0.0326088	0.461587	-2.16644	0.18973	0.650903	-1.53633	0.278768	1.41642	1.41642	0.707395	1.12363	1.12363	1.55762	2.35754	1.34538	1
cg03605597	RAB3IP;RAB3IP;RAB3IP;RAB3IP;RAB3IP	0.271774	0.110771	0.559338	-1.86589	0.713669	0.876096	-1.14143	0.544806	0.802515	-1.24608	0.31731	1.44928	1.44928	0.462267	1.32139	1.32139	0.364535	0.715719	-1.3972	0.161469	1.71043	1.71043	0.762279	0.896819	-1.11505	0.0781106	0.495273	-2.01909	1.55761	3.1787	1.814	1
cg02506753	PUS10	0.271775	0.217967	0.919178	-1.08783	0.43683	1.49455	1.49455	0.418403	1.68499	1.68499	0.197639	1.09963	1.09963	0.397805	1.2063	1.2063	0.830683	0.923899	-1.08237	0.373226	0.987255	-1.01291	0.0884083	0.372824	-2.68223	0.47368	3.00913	3.00913	1.55761	1.97357	1.92357	1
cg23881697	EHD1	0.271777	0.824511	0.920305	-1.0866	0.0274321	2.65257	2.65257	0.143846	1.79901	1.79901	0.391035	0.719898	-1.38909	0.581423	0.812025	-1.23149	0.879597	1.05832	1.05832	0.749648	1.12718	1.12718	0.424974	0.737361	-1.35619	0.396162	0.722576	-1.38394	1.5576	3.44967	1.96865	1
cg11364895	SGIP1;SGIP1;SGIP1 NPU1;NPU1;NPU1;NPU1;NPU1;NPU1;NPU	0.271778	0.808387	1.13362	1.13362	0.177699	2.09472	2.09472	0.50779	0.702742	-1.423	0.885303	1.00735	1.00735	0.0197132	2.291804	-3.42696	0.441056	0.666007	-1.50013	0.516248	0.711937	-1.40462	0.159076	2.17474	2.17474	0.606463	1.30765	1.30765	1.5576	0.57362	3.75143	1
cg05255213	L1;NFU1	0.271779	0.809862	0.975815	-1.02478	0.8603205	1.01805	1.01805	0.647473	0.954315	-1.04787	0.663138	0.808878	-1.23628	0.774198	1.02965	1.02965	0.0986256	0.831984	-1.20195	0.196737	0.870558	-1.14869	0.847237	1.01978	1.01978	0.129897	1.18077	1.18077	1.5576	0.254472	0.145222	1
cg19142399	MAPKBP1	0.271779	0.116547	0.489359	-2.04203	0.797353	0.889967	-1.12351	0.630744	1.24602	1.24602	0.611303	0.909791	-1.25491	0.482088	0.647428	-1.54422	0.149627	0.527675	-1.89551	0.0451557	0.378118	-2.64468	0.384409	0.691334	-1.44635	0.028182	0.629408	-1.58879	1.5576	4.22425	2.41069	1
cg02708247	C7orf65	0.271781	0.35614	0.643571	-1.55383	0.251501	1.74421	1.74421	0.82327	0.90134	-1.10946	0.258481	0.578403	-1.7289	0.0475403	0.3491	2.86451	0.719508	0.845817	-1.18229	0.0762401	0.460128	-2.4992	0.340585	0.633785	-1.57782	0.247898	0.570676	-1.75231	1.55759	5.3191	3.03552	1
cg19997861	NFKBIL1;NFKBIL1;NFKBIL1;NFKBIL1	0.271782	0.866863	0.943554	-1.06593	0.0158369	0.124707	0.707902	0.970784	1.03403	1.03403	0.845081	1.07728	1.07728	0.226928	0.617107	-1.62046	0.985969	0.993331	-1.00671	0.454587	1.33259	1.33259	0.364577	0.99563	0.99563	0.99777	0.719315	1.39021	1.55758	3.57174	2.60823	1
cg22561013	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.271789	0.508731	0.671072	-1.48999	0.421803	1.62948	1.62948	0.0961401	2.01158	2.01158	0.264661	0.561646	-1.78048	0.136023	0.554183	-1.80446	0.0131923	0.160697	-6.22252	0.0	0.394617	-2.53357	0.0	0.704657	-1.41921	0.984765	0.988703	-1.01143	0.252368	0.400054	-2.03689	1.55756	8.73162	4.08421	1
cg04650676	SEPT9;SEPT9;SEPT9	0.271789	0.355667	0.492299	-2.03129	0.895703	1.10268	1.10268	0.0611091	2.607188	-4.82653	0.358775	0.494679	-2.02151	0.750415	1.26875	1.26875	0.928752	1.06898	1.06898	0.0204138	1.23495	1.23495	0.645626	0.707962	-1.41251	0.466594	0.575458	-1.73775	1.55756	13.724	7.83219	1
cg12873285	CYTH1;CYTH1	0.271793	0.699618	1.08295	1.08295	0.145614	1.58986	1.58986	0.889404	1.44571	1.44571	0.0403116	2.48761	2.48761	0.0402157	2.486706	2.486706	0.2460157	1.68476	1.68476	0.0594355	1.67441	1.67441	0.5644323	1.5408	1.5408	0.0134942	1.20345	1.20345	1.55767	0.96508	0.240545	2.53854	1
cg20795117	SCAMP3;SCAMP3	0.271798	0.231072	1.41954	1.41954	0.0468336	1.8863	1.8863	0.737043	1.09853	1.09853	0.394123	1.27559	1.27559	0.654878	0.882085	-1.13368	0.915147	0.970715	-1.03017	0.212341	0.693276	-1.44243	0.232648	1.4177	1.4177	0.13964	1.55779	1.55779	1.55753	1.91836	1.09482	1
cg07912561	NBR1;NBR1;NBR1	0.271799	0.247358	1.4304	1.4304	0.0914455	0.974081	1.65061	0.966453	0.890207	-1.0058	0.995212	0.994005	1.00591	0.0168474	1.11843	1.11843	0.944024	0.98756	-1.01263	0.8252	0.960133	-1.04144	0.503205	0.883602	0.883602	-1.12948	0.134011	1.13592	1.13592	1.55764	0.842166	1
cg03063946	NARFL	0.271772	0.24026	0.65904	-1.51736	0.655854	1.16429	1.16429	0.54485	1.231	1.231	0.833641	0.931158	-1.07393	0.101652	1.5445955	-1.83623	0.0478177	0.464235	-2.15408	0.245285	0.662231	-1.51005	0.415451	0.754066	-1.32614	0.114137	0.558321	-1.79108	1.55762	2.83711	1.61906	1
cg06253734	ADAM10	0.271772	0.78615	0.919367	-1.08771	0.768459	0.91278	-1.09555	0.653771	1.14978	1.14978	0.205847	1.51067	1.51067	0.605633	0.851283	-1.1747	0.0326088	0.461587	-2.16644	0.18973	0.650903	-1.53633	0.278768	1.41642	1.41642	0.707395	1.12363	1.12363	1.55762	2.35754	1.34538	1
cg03605597	RAB3IP;RAB3IP;RAB3IP;RAB3IP;RAB3IP	0.271774	0.110771	0.559338	-1.86589	0.713669	0.876096	-1.14143	0.544806	0.802515	-1.24608	0.31731	1.44928	1.44928	0.462267	1.32139	1.32139	0.364535	0.715719	-1.3972	0.161469	1.71043	1.71043	0.762279	0.896819	-1.11505	0.0781106	0.495273	-2.01909	1.55761	3.1787	1.814	1
cg02506753	PUS10	0.271775	0.217967	0.919178	-1.08783	0.43683	1.49455	1.49455	0.418403	1.68499	1.68499	0.197639	1.09963	1.09963	0.397805	1.2063	1.2063	0.830683	0.923899	-1.08237	0.373226	0.987255	-1.01291	0.0884083	0.372824	-2.68223	0.47368	3.00913	3.00913	1.55761	1.97357	1.92357	1
cg23881697	EHD1	0.271777	0.824511	0.920305	-1.0866	0.0274321	2.65257	2.65257	0.143846	1.79901	1.79901	0.391035	0.719898	-1.38909	0.581423	0.812025	-1.23149	0.879597	1.05832	1.05832	0.749648	1.12718	1.12718	0.424974	0.737361	-1.35619	0.396162	0.722576	-1.38394	1.5576	3.44967	1.96865	1
cg11364895	SGIP1;SGIP1;SGIP1 NPU1;NPU1;NPU1;NPU1;NPU1;NPU1;NPU	0.271778	0.808387	1.13362	1.13362	0.177699	2.09472	2.09472	0.50779	0.702742	-1.423	0.885303	1.00735	1.00735	0.0197132	2.291804	-3.42696	0.441056	0.666007	-1.50013	0.516248	0.711937	-1.40462	0.159076	2.17474	2.17474	0.606463	1.30765	1.30765	1.5576	0.57362	3.75143	1
cg05255213	L1;NFU1	0.271779	0.809862	0.975815	-1.02478	0.8603205	1.01805	1.01805	0.647473	0.954315	-1.04787	0.663138	0.808878	-1.23628	0.774198	1.02965	1.02965	0.0986256	0.831984	-1.20195	0.196737	0.870558	-1.14869	0.847237	1.01978	1.01978	0.129897	1.18077	1.18077	1.5576	0.254472	0.145222	1
cg19142399	MAPKBP1	0.271779	0.116547	0.489359	-2.04203	0.797353	0.889967	-1.12351	0.630744	1.24602	1.24602	0.611303	0.909791	-1.25491	0.482088	0.647428	-1.54422	0.149627	0.527675	-1.89551	0.0451557	0.378118	-2.64468	0.384409	0.691334	-1.44635	0.028182	0.629408	-1.58879	1.5576	4.22425	2.41069	1
cg02708247	C7orf65	0.271781	0.35614	0.643571	-1.55383	0.251501	1.74421	1.74421	0.82327	0.90134	-1.10946	0.258481	0.578403	-1.7289	0.0475403	0.3491	2.86451	0.719508	0.845817	-1.18229	0.0762401	0.460128	-2.4992	0.340585	0.633785	-1.57782	0.247898	0.570676	-1.75231	1.55759	5.3191	3.03552	1
cg19997861	NFKBIL1;NFKBIL1;NFKBIL1;NFKBIL1	0.271782	0.866863	0.943554	-1.06593	0.0158369	0.124707	0.707902	0.970784	1.03403	1.03403	0.845081	1.07728	1.07728	0.226928	0.617107	-1.62046	0.985969	0.993331	-1.00671	0.454587	1.33259	1.33259	0.364577	0.99563	0.99563	0.99777	0.719315	1.39021	1.55758	3.57174	2.60823	1
cg22561013	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.271789	0.508731	0.671072	-1.48999	0.421803	1.62948	1.62948	0.0961401	2.01158	2.01158	0.264661	0.561646	-1.78048	0.136023	0.554183	-1.80446	0.0131923	0.160697	-6.22252	0.0	0.394617	-2.53357	0.0	0.704657	-1.41921	0.984765	0.988703	-1.01143	0.252368	0.400054	-2.03689	1.55756	8.73162	4.08421	1
cg04650676	SEPT9;SEPT9;SEPT9	0.271789	0.355667	0.492299	-2.03129	0.895703	1.10268	1.10268	0.0611091	2.607188	-4.82653	0.358775	0.494679	-2.02151	0.750415	1.26875	1.26875	0.928752	1.06898	1.06898	0.0204138	1.23495	1.23495	0.645626	0.707962	-1.41251	0.466594	0.575458	-1.73775	1.55756	13.724	7.83219	1
cg12873285	CYTH1;CYTH1	0.271793	0.699618	1.08295	1.08295	0.145614	1.58986	1.58986	0.889404	1.44571	1.44571	0.0403116	2.48761	2.48761	0.0402157	2.486706	2.486706	0.2460157	1.68476	1.68476	0.0594355	1.67441	1.67441	0.5644323	1.5408	1.5408	0.0134942	1.20345	1.20345	1.55767	0.96508	0.240545	2.53854	1
cg20795117	SCAMP3;SCAMP3	0.271798	0.231072	1.41954	1.41954	0.0468336	1.8863

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3479 vs. N)	Fold-Change(3479 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error
cg16824740	PIRT	0.2722115	0.767951	1.10247	1.10247	0.0188575	0.991464	-2.55451	0.859325	0.943188	-1.06023	0.410274	1.31755	1.31755	0.353178	1.37022	-1.37022	0.59026	1.19629	1.19629	0.435713	0.769366	-1.29977	0.369217	1.35808	1.35808	0.610327	0.844128	-1.18465	1.55646	2.67863	1.53033	1
cg04807669	FU1;FU11	0.2722115	0.457681	1.786643	-1.27122	0.46726	0.790793	-1.26455	0.0685646	0.523651	-1.90967	0.618554	0.852761	-1.17266	0.114286	0.5798	-1.72473	0.526759	1.22569	1.22569	0.170193	0.58968	1.58968	0.147855	0.611003	-1.63665	0.80251	0.923562	-1.08276	1.55646	2.48203	1.41748	1
cg22161383	ISYNA1;ISYNA1;ISYNA1	0.2721117	0.0896269	0.60643	-1.649	0.323199	0.761294	-1.31355	0.0616499	0.569714	-1.75527	0.0885966	0.605254	-1.6522	0.447458	0.813064	-1.22992	0.664782	1.12359	1.12359	0.575734	1.16314	1.16314	0.181495	0.68446	-1.46101	0.491842	0.829771	-1.20515	1.55645	1.76108	1.00575	1
cg08997253	GRIN3A;GRIN3A	0.2721121	0.054656	1.58825	1.58825	0.225844	0.763424	-1.30988	0.413462	0.837412	-1.19416	0.999327	1.00018	1.00018	0.071944	1.09462	1.09462	0.264549	1.27993	1.27993	0.586973	0.890107	-1.12346	0.467318	0.854727	-1.16996	0.133858	1.40936	1.40936	1.56644	1.11039	0.634149	1
cg24281891	TSPAN9;TSPAN9	0.2721122	0.9505095	1.01208	1.01208	0.474774	1.115131	1.115131	0.202815	0.770572	-1.29774	0.179313	1.31852	1.31852	0.0561559	0.65752	-1.52087	0.626873	0.909405	-1.09962	0.160917	0.748046	-1.33682	0.930227	0.983167	-1.01712	0.425445	1.1709	1.1709	1.56643	0.926268	0.528997	1
cg21446565	HOXA2	0.2722124	0.1260681	1.72452	1.72452	0.269524	1.46043	1.46043	0.270087	1.44845	1.44845	0.165999	1.62633	1.62633	0.89581	1.04408	1.04408	0.843405	0.93696	-1.06728	0.219582	1.52662	1.52662	0.0720147	1.93702	1.93702	0.0464189	2.11901	2.11901	1.55643	2.67189	1.52594	1
cg05229931	RNF220	0.2722128	0.480104	0.874256	-1.14383	0.0281291	0.615431	-1.62488	0.385419	1.18126	1.18126	0.898407	0.976371	-1.0242	0.498529	1.13727	1.13727	0.129525	1.35883	1.35883	0.774327	0.947605	-1.05529	0.461568	1.15064	1.15064	0.975521	1.00576	1.00576	1.56641	0.863909	0.49339	1
cg02920176	KIAA0895;KIAA0895	0.2722129	0.395768	1.94703	1.94703	0.0608872	1.52424	1.52424	0.0703569	1.4768	1.4768	0.211563	1.24868	1.24868	0.182104	1.34736	-1.28956	0.429199	1.85578	1.85578	0.1969496	1.23195	1.23195	0.969501	1.35248	1.35248	0.759355	0.790238	-1.26544	1.55641	1.46492	0.26361	1
cg02729030	IMMP2L	0.2723	0.293461	0.439309	-2.2763	0.0125957	0.0961667	-10.3986	0.32737	0.466198	-2.14501	0.0374969	0.623482	-1.6039	0.177549	0.339059	-2.94934	0.280859	0.429115	-2.33038	0.263969	0.419709	-2.3826	0.253575	0.408093	-2.45042	0.971724	0.973601	-1.02711	1.55641	1.04033	0.82038	1
cg03544426	GOLGA2;C9orf119	0.2723	0.220537	1.19828	1.19828	0.914183	1.01525	1.01525	0.849751	0.973718	-1.02699	0.0586899	1.34974	1.34974	0.29066	1.16648	1.16648	0.605362	1.07595	1.07595	0.249331	0.844433	-1.18423	0.227199	0.836904	-1.19488	0.299527	0.85985	-1.16299	1.55641	0.486174	0.277662	1
cg20107008	PIRT1;PPT2	0.2723133	0.751284	1.09492	1.09492	0.5	1.1555	1.1555	0.0611337	1.10877	1.10877	0.118877	1.10877	1.10877	0.0641337	1.08451	1.08451	0.5	1.24056	1.24056	0.0933241	0.964525	-1.03729	0.896693	0.644625	-1.55129	0.0403342	1.65744	1.323351	0.804251	-1.24339	1.5564	1.12425	0.642082	1
cg07153944	HDAC6	0.2722133	0.334285	0.67307	-1.48573	0.479944	0.751643	-1.33042	0.262071	1.59191	1.59191	0.144683	1.86422	1.86422	0.199508	1.71413	1.71413	0.0792729	1.426909	1.426909	2.16963	0.417666	1.38998	1.38998	0.271729	-1.14774	0.758466	1.884596	-1.13046	1.55639	1.89626	2.22524	1
cg22890571	TFDP1;TFDP1-TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPA	0.2722133	0.151154	2.59216	2.59216	0.0358791	4.53407	4.53407	0.185045	2.38774	2.38774	0.187552	2.37458	2.37458	0.960758	1.03093	1.03093	0.179391	2.4183	2.4183	0.0976996	3.08051	3.08051	0.349039	1.81654	1.81654	0.195214	2.33572	2.33572	1.55639	0.45088	5.39759	1
cg05608543	N4;TSPAN4;TSPAN4	0.272136	0.1468888	0.599161	-1.78743	0.107318	0.5159072	-1.92651	0.728137	1.13904	1.13904	0.445559	1.33655	1.33655	0.282012	0.658975	-1.51751	0.928123	1.03423	1.03423	0.267493	1.33867	1.33867	0.140338	1.78018	1.78018	0.156639	3.43048	1.95922	1
cg04657768	IAMXP1	0.2741145	0.7936331	1.14182	1.14182	0.1634805	1.45052	1.45052	0.0661866	1.28163	1.28163	0.299149	1.13768	1.13768	0.260566	0.55231	-1.81058	0.59066	1.33617	1.33617	0.144157	1.64257	1.64257	0.907069	0.942634	-1.06086	0.705607	0.825313	-1.21166	1.55637	6.30838	3.60291	1
cg14369117	HRNBP3	0.272148	0.20901	2.15598	2.15598	0.173697	2.31562	2.31562	0.0336742	4.21708	4.21708	0.39905	1.65014	1.65014	0.327273	1.79799	1.79799	0.631964	1.32306	1.32306	0.310938	0.54434	-1.83709	0.376162	1.69363	1.69363	0.498931	0.671523	-1.48915	1.55634	8.29552	4.7379	1
cg03575468	PDHA1	0.272152	0.210609	0.476216	-2.09209	0.0674507	0.115882	-1.16571	0.854427	0.904458	-1.10563	0.0746366	0.9553	1.0051	0.494498	0.676942	-1.47723	0.26328	0.517425	-1.93265	0.257083	0.514159	-1.94493	0.786478	0.85838	-1.16498	0.81976	0.879539	-1.13686	1.55633	7.79668	4.45302	1
cg25882366	HOXB2	0.2722153	0.2604401	1.66729	-1.25095	0.979012	0.9954664	-1.00456	0.121329	0.75839	-1.3543	0.0891663	1.46279	1.46279	0.374773	1.17679	1.17679	0.28251	1.22341	1.22341	0.275975	0.814646	-1.22723	0.75799	0.945724	-1.05739	0.387891	0.85232	-1.17327	1.55633	0.803596	0.45807	1
cg24899292	HNRNPUL1;HNRNPUL1	0.2721171	0.208238	0.82596	-1.21071	0.852804	0.973605	-1.02711	0.83092	1.0313	1.0313	0.825629	0.968701	-1.03231	0.366043	0.874732	-1.14321	0.0259214	0.683129	-1.46385	0.896643	1.01891	1.01891	0.736805	0.95255	-1.04981	0.0472989	0.721026	-1.38691	1.55627	0.511926	0.292395	1
cg14176375	BLCAP;BLCAP;BLCAP;BLCAP	0.2721177	0.0678166	1.02836	1.02836	0.974248	1.00598	1.00598	0.814007	1.04536	1.04536	0.260464	0.781972	-1.27896	0.234222	0.59911	-1.66939	0.237775	0.795956	-1.2564	0.103971	0.720283	-1.38834	0.170021	1.33245	1.33245	0.194087	1.28862	1.28862	1.55625	0.819068	0.479563	1
cg11596897	CALCA;CALCA;CALCA	0.27218	0.554468	1.31956	1.31956	0.408801	0.334671	-2.98081	0.0314405	0.43402	-2.30403	0.305679	1.63544	1.63544	0.0041	0.9018	0.944357	-1.05892	0.715529	1.18501	1.18501	0.940669	0.966066	-1.03513	0.298358	1.64865	1.64865	0.514026	0.735704	-1.35924	1.56624	5.30172	3.02823	1
cg07124680	DAPH1;DAPH1	0.272181	0.68138	0.846319	-1.18161	0.295366	1.5418	1.5418	0.0284944	2.42497	2.42497	0.35324	0.604994	0.604994	0.0151146	0.775572	-1.28972	0.148731	1.40627	1.40627	0.157679	1.47072	-1.39456	0.163385	0.723857	-1.38143	0.564126	0.879545	-1.13691	1.56621	3.9391	2.64232	1
cg06783981	KRTAP5-11;KRTAP5-11	0.2721188	0.928363	1.03293	1.03293	0.2444584	1.62738	1.62738	0.256892	0.652842	-1.53176	0.798864	0.912091	-1.09638	0.91615	1.03868	1.03868	0.790203	1.10086	1.10086	0.119045	1.8398	1.8398	0.615777	1.20002	1.20002	0.470368	0.767483	-1.30296	1.56621	3.20063	1.82816	1
cg08731522	HIST1H4E;HIST1H4E	0.2721191	0.282687	1.25363	1.25363	0.450187	0.855725	-1.1686	0.409646	1.1862	1.1862	0.357962	0.825781	-1.21097	0.53751	1.13476	1.13476	0.184509	1.32979	1.32979	0.109023	0.701943	-1.42462	0.226256	0.773141	-1.29343	0.261819	1.26737	1.26737	1.5662	1.01064	0.577267	1
cg03646356	RHEB;1	0.2721194	0.1308808	0.885152	-1.12945	0.44668	1.05971	1.05971	0.357043	1.13705	1.13705	0.12712	1.32708	1.32708	0.0590212	1.08217	1.08217	0.150854	1.04616	1.04616	0.384174	0.904819	-1.10519	0.214857	0.90698	-1.10256	0.660313	1.033	1.033	1.56617	0.787088	0.387243	1
cg04632997	LAMA5	0.272195	0.423215	0.818678	-1.22148	0.204255	1.38774	1.38774	0.10635	0.649661	-1.53926	0.69697	0.908724	-1.10044	0.687747	1.10387	1.10387	0.0312192	0.538866	-1.85575	0.979276	0.993667	-1.00637	0.814771	0.944217	-1.05908	0.365295	0.796513	-1.25547	1.56619	1.47437	0.842158	1
cg05347380	FAM131C	0.272203	0.792084	0.797489	-1.26348	0.0399514	0.84265	1.18265	0.0643877	1.28917	1.28917	0.248017	0.840408	0.840408	0.0144543	7	7	0.746013	1.33333	1.33333	0.0899101	0.819731	-1.22021	0.14851	0.843309	0.839119	-1.19173	0.54884	0.917446	1.56617	1.14851	0.843309	0.839119	-1.19173	0.54884	0.917446	1.56617	17.946	11.0104	1
cg24895142	STT;ST7	0.272206	0.307143	1.39805	1.39805	0.59841	1.22983	1.22983	0.636366	0.831891	-1.20208	0.0285101	2.7152	2.7152	0.585543	1.23714	1.23714	0.372847	1.70218	1.70218	0.454252	1.72964	1.72964	0.270645	1.72964	1.72964	0.270645	1.72964	1.72964	0.270645	0.372847	1.70218	1.70218	0.454252	1.72964	1.72964	0.270645	1.72964	1.72964	0.270645	1.72964	1.72964	0.270645

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Ratio|1047 vs. N)	Fold-Change|1 vs.1050T vs. N)	Ratio|1050T vs. N)	Fold-Change|1 vs.1057 vs. N)	Ratio|1057 vs. N)	Fold-Change|1117 vs. N)	Ratio|1117 vs. N)	Fold-Change|1127 vs. N)	Ratio|1127 vs. N)	Fold-Change|1217 vs. N)	Ratio|1217 vs. N)	Fold-Change|1221 vs. N)	Ratio|1221 vs. N)	p-value|3477 vs. N)	Ratio|3477 vs. N)	Fold-Change|3537 vs. N)	Ratio|3537 vs. N)	Fold-Change|5377 vs. N)	Ratio|5377 vs. N)	Fold-Change|5 vs.5630T vs. N)	Ratio|5630T vs. N)	Fold-Change|5637 vs. N)	Ratio|5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)
ENSG00000239	OIP5	0.272409	0.38403	1.49508	1.49508	0.3326896	1.53607	1.53607	0.3526099	1.494656	1.494656	0.9519395	0.9705638	-1.02497	-1.02497	0.417773	1.41618	1.41618	0.667826	1.20165	1.20165	0.0312483	2.89202	2.89202	0.2322182	2.86662	2.86662	0.2522118	1.653314	1.65314	0.5555116	4.3486	2.488555	1
cg23877831	NCAPD2;MRPL51	0.272501	0.275128	2.05107	2.05107	0.5066098	1.53148	1.53148	0.5330003	1.491009	1.491009	0.5827337	1.42056	1.42056	0.6334917	1.35516	1.35516	0.6022724	1.078128	-5.61393	0.6394997	0.578872	-1.7275	0.652908	0.7505946	-1.331655	0.391263	1.74327	1.74327	1.555115	9.859053	5.63548	1
cg14829066	NTRK3;NTRK3;NTRK3	0.272502	0.575539	0.774044	-1.29192	0.2429551	1.73886	1.73886	0.365329	1.52369	1.52369	0.142538	2.04149	2.04149	0.7669071	1.14407	1.14407	0.0706085	2.49628	2.49628	0.898938	0.9440955	-1.05922	0.0346805	3.04924	3.04924	0.7355518	1.16591	1.16591	1.555515	5.04909	2.885955	1
cg07233700	SMPD3;3B;SMPD3L3B	0.272504	0.6857572	0.352372	-2.83791	0.6856	1.25047	1.25047	1.250917	1.560462	2.18166	1.381666	1.6582607	3.229819	3.229819	0.4903227	1.469833	1.469833	0.293954	1.81819	1.81819	0.166214	2.24968	2.24968	0.8779396	0.9187	-1.08848	0.7141519	0.817288	-1.223356	1.55514	7.42871	4.24611	1
cg14656774	NCOA2 PPP2R2B;PPP2R3B;PPP2R2B;PPP2R2B;PPP2R3B;P	0.272504	0.582592	0.865017	-1.15605	0.910284	1.02988	1.02988	0.142685	0.66258	-1.50925	0.925119	0.97574	-1.02486	0.297023	1.32637	1.32637	0.221404	0.714777	-1.39904	0.0521752	1.78066	1.78066	0.307399	1.31788	1.31788	0.642321	0.884978	-1.12997	1.55114	1.68092	0.960783	1
cg05576845	PP2R2B;PPP2R2B;PPP2R2B	0.272513	0.737278	0.792153	-1.26238	0.0143268	0.12372	-8.08275	0.186357	0.379269	-2.63665	0.697504	1.31038	1.31038	0.629603	0.714401	-1.39977	0.660084	0.736176	-1.35837	0.6854	0.7543384	-1.32558	0.807547	1.184	1.184	0.34478	1.96097	1.96097	1.555511	11.796	6.74249	1
cg11913615	KCNG4	0.272513	0.176474	0.410909	-2.43363	0.97329	1.02094	1.02094	0.541621	0.682207	-1.46583	0.121976	0.3543356	-2.82338	0.708726	0.792739	-1.26145	0.290201	0.506914	-1.97272	0.029519	0.2046691	-4.88542	0.168423	0.4403172	-2.48033	0.100974	0.328384	-3.03966	1.555111	9.435503	5.393	1
cg27146808	SAMD1	0.272515	0.0469142	2.10434	2.01434	0.203124	0.665908	-1.50171	0.0739442	0.541624	-1.8463	0.537317	1.21204	1.21204	0.597935	0.848771	-1.17803	0.865121	1.05373	1.06351	0.961824	1.01485	0.0141045	0.631977	1.16017	1.16017	0.912968	1.03423	1.03423	1.5551	2.3545	1.33439	1
cg00478601	OXER1	0.272519	0.722576	0.797779	-1.25348	0.127674	2.84028	2.84028	0.265865	0.08509	0.08509	0.69049	1.28875	1.28875	0.443261	0.609309	-1.6412	0.762812	0.825447	-1.21146	0.0678398	0.2735131	-3.65589	0.466153	0.6249889	-1.60003	0.147054	0.37298	-2.68111	1.555099	9.8931	5.65489	1
cg04720380	RFL5	0.272519	7	1.45808	1.45808	0.6858	2.2	2.2	0.3704	0.454671	2.0127	2.0127	0.6507114	2.779079	2.779079	0.4950506	0.8448188	0.8448188	0.230615	1.330025	1.330025	0.7518	1.330025	1.330025	0.4959963	2.016	2.016	0.4960211	1.85009	1.85009	0.626331	1.54117	1.546258	14.9379	10.9394	1
cg00186499	RBM38;RBM38	0.272522	0.6090066	1.13671	1.13671	0.0300966	2.19158	2.19158	0.0989469	1.81614	1.81614	0.8611055	1.08664	1.08664	0.813577	0.9250338	-1.08104	0.718283	1.12693	1.12693	0.999988	1.56295	1.562095	0.0710618	1.94477	1.94477	0.627541	1.17501	1.17501	1.55509	2.67973	1.53173	1
cg13227134	RAI61	0.272524	0.190482	0.472424	-2.12569	0.4989864	1.46292	1.46292	0.463414	1.50114	1.50114	0.5111663	0.6959303	-1.43698	0.144846	0.4264636	-2.34502	0.2050493	0.484218	-2.06503	0.0443269	0.2608373	-3.83331	0.375047	0.8555599	-1.16877	0.342621	0.587331	-1.70262	1.55507	7.39628	4.17059	1
cg23564432	CSMD1	0.272526	0.42267	0.830754	-1.20373	0.41991	1.20511	1.20511	0.846951	0.957195	-1.04472	0.333947	0.79802	-1.2531	0.297654	0.783144	-1.27691	0.870449	0.963721	-1.03764	0.0298843	0.7837	-1.28337	0.197086	1.3617	1.3617	0.971628	1.00808	1.00808	1.555507	1.26243	0.721616	1
cg23628968	SPTBN1;SPTBN4	0.272527	0.867625	0.975506	-1.02511	0.0148466	1.56127	1.56127	0.907281	0.982324	0.982324	0.8220238	0.986697	-1.01348	0.659628	1.06871	1.06871	0.755841	1.04746	1.04746	1.033451	1.16025	1.16025	0.767227	0.956832	-1.04512	0.1998898	0.817657	-1.22301	1.555506	0.544287	0.311119	1
cg23268231	SPI8	0.272528	0.252624	2.04475	2.04475	0.1980043	0.91564	1.09164	0.3258067	1.7855	1.7855	0.745597	1.20447	1.20447	0.2939771	0.864303	-1.15677	0.129776	2.56096	2.56096	0.471003	1.52051	1.52051	0.6509598	1.29725	1.29725	0.6683447	1.205	1.205	1.55503	8.04269	4.59799	1
cg20100408	HLA-DPB1	0.272554	0.130234	0.320536	-3.11977	0.840542	1.15055	1.15055	0.16417	0.355803	-2.81054	0.394771	1.83448	1.83448	0.861978	1.12878	1.12878	0.28884	0.46464	-2.1522	0.102446	0.28821	-3.46969	0.0898144	0.27205	-3.6758	0.211539	0.400109	-2.49988	1.55502	1.91552	6.82245	1
cg27954486	RFX3;RFX3;RFX3;RFX3	0.272544	0.756787	1.0971	0.1078	0.378817	1.15875	1.15875	0.408801	1.14809	1.14809	0.799805	0.959381	-1.04234	0.629541	1.08254	1.08254	0.762605	1.05068	1.05068	0.0373136	0.6740902	-1.48348	0.120851	1.31588	1.31588	0.215961	1.23682	1.23682	1.55501	0.655796	0.374873	1
cg10851779	DSCR3	0.272544	0.228254	1.39768	1.39768	0.2681114	1.95667	1.95667	0.160777	1.44842	1.44842	0.538183	0.8486558	-1.17833	0.815347	1.06342	1.06342	0.921684	1.04948	-1.02618	0.0153479	0.5554419	-1.80044	0.136425	0.7697756	-1.29911	0.617644	0.8075974	-1.24159	1.560033	1.71958	0.8327768	1
cg00468608	BOLA3;BOLA3	0.272558	0.0969552	1.53193	1.53193	0.206921	0.732262	-1.36563	0.92127	0.977121	-1.02341	0.78743	0.9386848	-1.06532	0.263072	1.31411	1.31411	0.075367	1.58963	1.58963	0.189259	1.38483	1.38483	0.904594	0.9723118	-1.02847	0.292965	1.291	1.291	1.55496	1.34983	0.77163	1
cg21906519	PHLDB1;PHLDB1;PHLDB1	0.272567	0.891525	0.893647	-1.11903	0.3188164	1.70735	1.70735	0.1029634	7.8091	7.8091	0.669478	1.42456	1.42456	0.620105	1.30912	1.30912	0.954574	1.04826	1.04826	0.733784	1.32487	1.32487	0.447234	0.5288152	-1.89339	0.692729	1.38721	1.38721	1.554931	16.7242	9.56055	1
cg27381542	MYEOV2	0.272569	0.385099	0.783066	-1.27703	0.0451462	0.531954	-1.87986	0.0410962	0.523493	-1.91024	0.434523	0.8033444	-1.2448	0.305623	0.74729	-1.33817	0.107629	0.617431	-1.61962	0.805232	1.07202	1.07202	0.488273	0.824187	-1.21332	0.301522	0.745306	1.34173	1.55492	1.8572	1.06169	1
cg17197236	C1GALT1C1;C1GALT1C1	0.272569	0.0757284	0.178376	-5.60423	0.1439376	0.324479	0.324479	0.0186186	0.0769	0.0769	0.140331	0.3140777	0.726917	0.726917	0.140331	0.7138	0.7138	0.071021	0.153165	0.153165	0.0128	0.5389	0.780331	0.7803667	-1.28145	0.0719428	0.1998802	0.3983672	1.17343	1.17343	1.554912	21.3276	12.1022	1
cg21860621	LDR	0.272572	0.900398	1.08946	1.08946	0.663292	0.740796	-1.3499	0.525044	0.643005	-1.5552	0.0100409	0.0994004	-10.0603	0.337475	0.506728	1.97345	0.205124	0.397585	-2.51518	0.456891	0.594594	-1.68182	0.949713	0.957762	-1.0441	0.454219	0.59268	-1.68725	1.560594	11.6576	5.64593	1
cg01235197	SBNO2;SBNO2	0.272575	0.741599	0.790214	-1.26548	0.137917	0.320864	-3.11659	0.670271	0.737302	-1.3563	0.570105	1.50439	1.50439	0.501795	0.20417	-4.89788	0.291717	0.459113	-2.17811	0.844322	1.150.15	1.15015	0.676165	0.741625	-1.34839	0.0412609	0.187257	-5.34025	1.554911	12.4688	7.12798	1
cg21527217	HERPUD2	0.272574	0.483884	1.25348	1.25348	0.110887	0.759776	-1.31676	0.411222	0.86428	-1.15708	0.409118	1.15783	1.15783	0.472453	0.864	-1.15708	0.393596	1.1638	1.1638	0.449914	0.652709	-1.53208	0.0362896	1.0882	1.0882	0.3097005	0.833205	0.833205	1.554906	0.742026	0.424193	1
cg02921634	NCRNA00111	0.272577	0.637295	1.13673	1.13673	0.725778	0.90935	-1.09969	0.112243	0.627112	-1.59461	0.9028	0.9675693	-1.03352	0.510694	1.19726	1.19726	0.199333	1.44186	1.44186	0.0335138	1.95468	1.95468	0.650481	0.8884186	-1.13098	0.811538	0.937575	-1.06658	1.55489	1.79321	1.02513	1
cg10258730	CLDN2	0.272582	0.214857	0.534405	-1.87124	0.0001127	0.21199	-4.71669	0.0023764	0.260206	-3.84256	0.0001877	0.28096	-3.56059	0.0408962	0.1289	-7.75864	0.0582822	1.00456	1.00456	0.0421961	0.2529228	-3.95402	0.0170666	0.2107116	0.1408512	-7.09793	-1.15216	0.70488	0.567167	0.342236	1
cg26501046	DIRC3	0.272583	0.559192	0.869709	-1.15044	0.804078	1.06083	1.06083	0.098113	0.649817	-1.53889	0.644377	1.11676	1.11676	0.888753	0.967294	1.03381	0.253374	1.32765	1.32765	0.0337906	1.80034	1.80034	0.507024	1.17343	1.17343	0.505676	1.17404	1.17404	1.554907	1.39004	0.79466	1
cg24596836	GNB5;GNB5	0.272592	0.432724	1.2467	1.2467	0.547534	0.84567	-1.1825	0.862984	0.953541	-1.04872	0.93784	1.02171	1.02171	0.151269	1.52733	1.52733	0.669106	0.898551	-1.1129	0.0274776	2.05071	2.05071	0.207021	1.44266	1.44266	0.1618158	1.49855	1.49855	1.55485	1.86786	1.06784	1
cg15392228	HDAC4	0.272593	0.461954	1.81483	1.81483	0.2966	0.551376	1.81271	0.3513455	0.560937	1.78361	0.3172368	0.7.8091	1.27.868	0.669478	1.42456	1.42456	0.620105	1.30912	1.30912	0.15952	1.50952	1.50952	0.662.18	1.5.95	1.5.95	0.5.9.1.2.5.1	1.5.95	1.5.95	1.554.88	2.782.26	1.5.95	1.5.95	1.554.88	5.67167	3.24236	1
cg14953762	PRSS12	0.272595	0.10944	0.393205	-2.5432	0.510088	0.699527	-1.42954	0.3206	1.73129	1.73129	0.715673	0.8223302	-1.2161	0.0769561	0.349284	-2.863	0.536071	0.715254	-1.39811	0.0788086	0.3520272	-2.84103	0.490819	0.687771	-1.45397	1.55483	7.04377	4.02688	1
cg24041246	SDHAP1	0.272595	0.0475284	0.178376	-5.60423	0.1439376	0.3.64295	0.324479	0.0186186	0.0769	0.0769	0.140331	0.3140777	0.726917	0.726917	0.140331	0.7138	0.7138	0.841676	0.1.1.65	0.1.1.65	0.1.2.8.9	0.1.1.6.2.4	0.5.0.7.8.9	0.1.0.1.6.8	0.5.4.8.1	1.1.7.4.3	1.1.7.4.3	1.5.5.4.9.2	2.1.3.7.6	1.1.7.2.7	1.1.7.2.7	1.5.5.4.9.2	2.1.3.7.6	1.1.7.2.7	1
cg16475755	ISM2;ISM2	0.272599	0.739564	0.928252	-1.07729	0.104097	0.672631	-1.4867	0.369869	1.22815	1.22815	0.390811	1.2168	1.2168	0.722284	0.92345	-1.0829	0.656494	1.10506	1.10506	0.288914	1.27848	1.27848	0.03978	1.69974	1.69974	0.420997	1.20136	1.20136	1.55482	1.26238	0.701117	1
cg05507234	CRLS1;CRLS1	0.272599	0.135063	0.879234	-1.13735	0.5006553	1.05613	1.05613	0.501921	0.94701	-1.05596	0.643785	0.9637001	-1.03767	0.213344	0.9006602	-1.11037	0.477285	0.943906	-1.05943	0.324604	0.921946	-1.08466	0.0721947	1.17388	1.17388	0.324802	1.08462	1.08462	1.55482	0.15717	0.0898541	1
cg09586234	LMO1;LMO3	0.272604	0.0517252	1.24183	1.24183	0.1110887	0.759776	1.24183	0.411222	0.86428	-1.15708	0.409118	1.15783	1.15783	0.472453	0.864	-1.15708	0.393596	1.1638	1.1638	0.449914	0.652709	-1.53208	0.0362896	1.0882	1.0882	0.3097005	0.833205	0.833205	1.554906	0.742026	0.424193	1
cg18881094	VARS2;VARS2;VARS2	0.272605	0.802514	0.829616	-1.20538	0.1291026	0.294515	-3.39542	0.163917	0.335739	-2.9785	0.497634	1.67072	1.67072	0.737709	0.778386	-1.28471	0.387006	0.516351	-1.93667	0.0783477	0.233329	-4.28579	0.193162	0.29122	0.29122	0.444459	1.78799	1.78799	1.5548	13.6821	7.82218	1
cg19442308	TMC2	0.272611	0.807574	0.863016	-1.15853	0.2788024	0.695544	-1.43757	0.323078	0.618427	-1.61705	0.1.8528	0.538732	-1.85628	0.0954452	0.4.6.0.8.8	-2.09.1.7.2	0.6.3.4.2.4	0.9.4.7.8.3	-1.0.5.5.3.3	0.6.2.5.8.0.1	0.4.7.2.5	-2.1.1.5.7	0.3.9.5.0.6.4	0.6.6.0.3	0.6.9.1.3	0.6.8.6.2.7.3	0.7.1.6.2.8	-1.2.9.9.9.6	1.5.4.7.8	0.5.2.4.1.3	0.5.2.4.1.3	1.5.5.4.7.8	0.9.6.2.7.7	0.5.2.4.1.3	1
cg14211385	CDR2L	0.272612	0.568821	0.767288	-1.28818	0.389206	1.40706	1.47406	0.36367	1.50757	1.50757	0.777698	0.8829773	-1.13254	0.0312832	0.2835388	-3.52624	0.88058	0.68334	1.06834	0.263683	1.6596	1.6596	0.451251	0.922463	-1.08405	0.608731	0.7969	-1.25486	1.554778	4.76131	2.72211	1
cg05846044	TRIM31	0.272612	0.992734	1.00561	1.00561	1.02078	0.355933	-2.80952	0.117049	0.35159	-2.84422	0.99595	0.996888	-1.00312	0.6464658	0.279655	-1.57584	0.6693134	0.287209	-3.48179	0.619208	1.36014	1.36014	0.889306	1.08926	1.08926	0.999476	0.999597	-1.0004	1.55478	9.28161	5.30644	1
cg18328768	PHF17;PHTF2;TMEM60	0.272615	1.020162	1.1943	1.1943	0.7.8.0.9.1	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1.1943	0.7.8.0.9.1	1
cg09166898	RHOV	0.272619	0.167347	0.713225	-1.40208	0.514791	0.859274	-1.16377	0.0985942	0.659754	-1.51572	0.470011	1.18384	1.18384	0.851839	0.601672	-1.66204	0.342404	0.798832	-1.25183	0.287189	1.28885	1.28885	0.962179	0.989171	-1.01095	0.830188	0.951883	1.55455	1.55475	1.2982	0.74221	1
cg21497607	MTHFD2;MTHFD2	0.272619	0.4838	1.25348	1.25348	0.110887	0.759776	1.31676	0.411222	0.86428	1.15708	0.409118	1.15783	1.15783	0.472453	0.864	1.15708	0.393596	1.1638	1.1638	0.449914	0.652709	1.53208	0.0362896	1.0882	1.0882	0.3097005	0.833205	0.833205	1.554906	0.742026	0.424193	1
cg08861369	KIAA0182;KIAA0182	0.272622	0.569337	0.585158	-1.70894	0.212118	0.40309	0.40309	0.162646	0.41031	0.41031	0.0987874	5.40102	5.40102	0.142631	0.230301	-4.34215	0.436586	0.477341	-2.09494	0.417997	0.462468	-2.16231	0.633037	1.56551	1.56551	0.600009	0.610768	-1.63728	1.55475	21.3794	12.2231	1
cg26607666	AP1	0.272623	0.623974	0.881513	-1.13462	0.673131	1.0402	1.0402	0.142704	0.743409	1.34709	0.846497	1.607181	1.607181	0.622477	0.152338	-6.56434	0.329784	1.49823	1.49823	0.0.1.2.6.8.1	1.0.4.5.6.1	1.7.2.4.9.1	0.2.2.4.0.2.0	1.6.9.9.9.3

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Probeset ID	UCSC_REFGENE_NAME ACD;ACO;PARD6A;PARD6G;PARD6A;AC	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5 37 vs. N)	p-value(5 37 vs. N)	Fold-Change(5 63 vs. N)	p-value(5 63 vs. N)	Fold-Change(5 63 vs. N)	F(Error)	SS(Test)	SS(Error)
cg08834429	PDK4	0.272856	0.633776	1.11103	1.11103	0.651079	0.904953	-1.10503	0.401208	1.20742	1.20742	0.666506	1.09978	1.09978	0.480405	0.854481	-1.1703		0.0922677	0.665988	-1.50153	0.093017	0.666731	-1.49985	0.109878	1.46564	1.46564	0.617726	0.895501	-1.11669	1.53595	1.18427	0.677424	1
cg13828701	DNMT3A;DNMT3A;DNMT3A PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.272859	0.915859	1.06261	1.06261	0.295456	1.8653	1.8653	0.411868	1.61952	1.61952	0.389934	1.65902	1.65902	0.0474161	0.271655	-3.68113		0.2228995	2.08747	2.08747	0.23554	2.04282	2.04282	0.187925	2.22952	2.22952	0.950094	0.964673	-1.03662	1.55994	8.12597	4.64824	1
cg24986615	PRKAR1B;PRKAR1B	0.272861	0.739956	1.11122	1.11122	0.0988948	0.563905	-1.77335	0.223739	0.667175	-1.49886	0.942289	0.977338	-1.02319	0.0510799	0.494873	-2.02072		0.676686	1.14199	1.14199	0.114567	0.580783	-1.72185	0.555407	1.2078	1.2078	0.364989	0.744744	-1.34274	1.553994	2.46712	1.41125	1
cg26550194	ST6GALNAC1	0.272872	0.791282	1.07165	1.07165	0.630113	1.13496	1.13496	0.275946	0.744016	-1.34406	0.0200258	0.480825	-2.07676	0.0992338	0.624057	-1.60242		0.768972	1.07988	1.07988	0.780482	1.07231	1.07231	0.697569	0.90313	-1.10726	0.501544	0.836567	-1.19479	1.5339	1.67531	0.958342	1
cg01889306	CCDC88C	0.272873	0.096159	0.310105	-3.22471	0.342656	1.8711	1.8711	0.409736	1.71647	1.71647	0.415823	0.58686	-1.70398	0.0896946	0.301527	-3.31645		0.26729	0.476828	-2.09719	0.276373	0.486044	-2.06593	0.473635	0.626854	-1.59527	0.146721	0.368559	-2.71327	1.5539	10.1069	5.78155	1
cg01012835	PSMB9;PSMB9;TAP1	0.272877	0.658265	0.864456	-1.1568	0.392333	1.33209	1.33209	0.77116	0.908981	-1.10013	0.80956	1.05481	1.05481	0.754847	0.888681	-1.12557		0.584739	0.834795	-1.1931	0.0604702	0.332966	-3.00304	0.197327	0.490004	-1.9201	0.0791238	0.916853	-1.09069	1.55388	2.63495	1.50791	1
cg11156914	ST5	0.272881	0.0432938	0.729615	-1.37059	0.273039	1.16731	1.16731	0.615587	0.933664	-1.07105	0.918424	0.91399	-1.10499	0.878648	1.29104	1.29104		0.957752	1.02071	1.02071	0.926143	0.987505	-1.01265	0.636745	0.937524	-1.06664	0.309689	1.15323	1.15323	1.15323	0.842608	0.25892	1
cg02532293	WHSC2	0.272893	0.105887	0.210468	-4.75132	0.128218	0.234351	-4.26711	0.778526	0.779748	-1.28247	0.564372	0.598022	-1.67218	0.0519594	0.14212	-7.03629		0.252357	0.348187	-2.87202	0.0609975	0.155181	-6.44409	0.844482	1.18922	1.18922	0.900991	0.895993	-1.11608	1.55383	19.1599	10.9607	1
cg02856190	FUT4;FUT4	0.272897	0.068246	0.459807	-2.17501	0.0987281	0.12781	-7.82295	0.960577	0.983426	-1.03796	0.887005	1.3484511	-2.86893	0.1395053	0.166515	-6.00992		0.249869	0.403957	-2.47551	0.215989	0.374743	-2.6685	0.960494	0.932799	-1.07204	0.147689	0.310101	-3.22476	0.553811	13.8826	7.99902	1
cg17368808	C20orf103	0.272897	0.0835433	0.73777	3.73777	0.999409	0.99949	-1.00051	0.777407	1.21543	1.21543	0.664483	1.3504	1.3504	0.31634	1.40893	-2.0411		0.898257	1.09205	1.09205	0.324904	0.21331	0.21331	0.0282441	0.94894	0.94894	0.25507	0.26588	2.26588	1.55381	11.6611	6.67098	1
cg14665235	SIX2	0.272898	0.134009	0.296616	-3.34878	0.348653	0.465979	-2.05373	0.302159	0.540156	-1.85146	0.982122	0.985566	-1.01671	0.0212751	0.126136	-7.92793		0.559075	0.642851	-1.55557	0.110778	0.272668	-3.66746	0.825958	1.17904	1.17904	0.194618	0.186778	2.58546	1.55381	15.7644	7.87423	1
cg08630867	SIM1	0.272898	0.0205915	0.63083	-1.58603	0.119779	0.42086	3.42086	0.943071	1.03542	1.03542	0.609685	0.6875165	-1.45525	0.563996	0.653778	-1.52957		0.843142	1.1553	1.1553	0.988717	1.02036	1.02036	0.309578	1.26215	1.26215	0.242613	0.421693	1.83174	1.83174	1.55381	13.066	7.47467	1
cg11379392	SLC1A5;SLC1A5;SLC1A5	0.2729	0.706808	0.748039	-1.33683	?	?	?	0.503131	0.592210	-1.68856	0.291160	0.429262	-2.32958	0.99519	1.03407	1.03407		0.0316857	0.137659	-7.26432	0.345998	2.11366	2.11366	?	0.204725	0.340306	-2.56867	1.6085	11.4319	7.10716	1
cg21128415	MYO3B;MYO3B;MYO3B	0.272929	0.387778	1.17554	1.17554	0.0207491	0.163044	1.66304	0.108271	1.38953	1.38953	0.311554	1.22083	1.36298	0.0481328	1.18702	1.18702		0.783	1.05173	1.05173	0.168958	1.37626	1.37626	0.199019	1.28139	1.28139	0.567313	1.11147	1.11147	1.5538	0.821387	0.469893	1
cg14452299	CACNA1B	0.272901	0.230401	0.401851	-2.48848	0.132967	0.308958	-3.23669	0.179729	0.35614	-2.80789	0.0585797	0.212635	-4.7029	0.129077	0.304722	-3.28168		0.139691	0.316148	-3.16308	0.17533	0.351946	-2.84134	0.196923	0.37215	-2.68709	0.104901	0.276925	-3.61109	1.5538	12.9195	7.39089	1
cg05390307	FIZ1;FIZ1	0.272916	0.275375	1.59709	1.58739	0.498207	2.17963	2.17963	0.218881	1.69351	1.69351	0.102204	2.08274	2.08274	0.579038	0.795621	-1.25688		0.720676	0.863926	-1.15751	0.651198	0.830762	-1.20371	0.441921	0.727417	-1.37473	0.148365	1.88062	1.88062	1.55375	4.08413	2.3365	1
cg05153851	RAB27A	0.272921	0.183868	0.788743	-1.26784	0.197867	1.25746	1.25746	0.0107402	1.94017	1.94017	0.210895	0.5934445	0.5128868	0.0176581	0.260877	-3.83255		0.540596	1.10991	1.10991	0.0966059	0.697267	-1.43417	0.933508	0.986052	-1.01415	0.294551	1.20061	1.20061	1.55373	0.647043	0.398892	1
cg15481221	HNRNPH2;HNRNPH2;GLA	0.272925	0.242508	0.357808	-2.79479	0.840023	1.18511	1.18511	0.866057	0.867754	-1.1524	0.100522	0.53431	-1.87131	0.0881001	0.486189	-2.05689		0.103934	0.224484	-4.45466	0.776727	1.26985	1.26985	0.551794	1.65841	1.65841	0.798773	1.23943	1.23943	1.55372	17.3737	9.93958	1
cg19683960	STK10	0.272926	0.378647	0.641799	-1.55802	0.0489055	1.45656	1.45656	0.247315	0.693826	-1.44161	0.0933426	0.476096	-2.47696	0.274906	0.621845	-1.60859		0.840524	0.905814	-1.10398	0.508429	0.831565	-1.20264	0.724731	0.884744	-1.13057	0.495934	0.712162	-1.40417	0.553272	5.932001	3.39374	1
cg12397964	PCNT	0.272941	0.433283	0.752778	-1.36467	0.9886113	1.00556	1.00556	0.342416	0.683629	-1.46278	0.756119	0.885912	-1.12878	0.223826	1.64362	1.64362		0.246884	1.60128	1.60128	0.0271835	0.263736	2.76366	0.685203	0.853454	-1.17171	0.604579	0.816182	-1.22522	1.53666	3.72018	2.12841	1
cg21411702	TNX8	0.272941	0.171097	0.567135	-1.76325	0.364667	0.695924	-1.43694	0.553702	0.425103	-2.35238	0.218981	0.65389	-1.54098	0.0418442	0.65389	1.54098		0.838817	0.920105	-1.08677	0.660309	0.691207	-1.44719	0.660599	0.78763	-1.18763	0.615154	1.21808	1.21808	1.53666	3.72686	2.13223	1
cg19721094	VASH1	0.272948	0.0277372	0.274083	-3.64852	0.532941	0.730395	-1.36912	0.853302	0.91203	-1.09646	0.598497	1.30257	1.30257	0.0831774	0.385116	2.59662		0.662078	1.24455	1.24455	0.328598	0.605548	-1.6514	0.242298	0.544015	-1.83818	0.729308	1.18865	1.18865	1.53664	6.08952	3.48401	1
cg24789128	SCN9A	0.272949	0.295232	0.776939	-1.2871	0.094934	1.53218	1.53218	0.0607371	1.63491	1.63491	0.692611	0.9117756	-1.09679	0.193835	0.726402	-1.37665		0.981944	1.00528	1.00528	0.721945	0.920275	-1.08663	0.390132	1.22722	1.22722	0.832655	1.05043	1.05043	1.53664	1.33029	0.761106	1
cg20648140	SYNE2;SYNE2	0.272949	0.231241	1.86938	1.86938	0.509887	0.716803	-1.39508	0.15082	2.15344	2.15344	0.253476	1.83196	1.83196	0.156693	2.13606	2.13606		0.314497	1.67907	1.67907	0.701746	0.925555	-1.21131	0.104821	1.3795	1.3795	0.176278	2.04674	2.04674	1.53664	0.610713	3.4741	1
cg13671412	PTPRS;PTPRS;PTPRS;PTPRS	0.272952	0.633793	1.42121	1.42121	0.0430593	0.50104	0.50104	0.0310618	0.38389	0.38389	0.336159	2.06749	2.06749	0.801067	0.831176	-1.20311		0.27252	2.30821	2.30821	0.813683	0.84121	-1.18876	0.588738	1.49243	1.49243	0.293081	0.222294	2.22294	1.55363	13.1991	7.55169	1
cg18064411	FOXN2	0.272955	0.36733	0.489844	-2.04156	0.23794	0.1846	5.42444	0.428644	0.887287	1.83796	1.83796	0.513496	0.4210215	0.1945296	0.306068	-3.27726		0.898298	0.892814	-1.12005	0.427185	0.734256	0.98497	-1.01509	0.944651	0.923747	0.374893	0.108859	1.83656	1.55362	19.3439	11.0674	1
cg21084629	PAR52	0.272955	0.691124	0.912702	-1.09565	0.125491	1.46119	0.49425	1.46119	0.49425	1.46119	0.494425	1.46119	0.494425	0.0107124	0.769472	-1.29959	0.763143	0.933207	1.07157		0.201801	1.36109	1.36109	0.305306	0.667134	-1.49895	0.172038	0.717129	-1.39445	0.839337	1.04753	1.04753	1.53662	2.28723	0.73648	1
cg02941135	PRDM8;PRDM8	0.272962	0.447087	2.09103	2.09103	0.559005	1.75505	1.75505	0.932402	1.08411	1.08411	0.493316	1.93917	1.93917	0.210673	3.50973	3.50973		0.349562	2.5009	2.5009	0.0305687	11.2338	11.2338	0.0538931	8.03102	8.03102	0.107513	5.3234	5.3234	1.55359	22.2969	12.7572	1
cg23484912	FOXD6	0.272967	0.174884	0.377794	-2.60956	0.0448366	1.08584	1.08584	0.553808	1.79049	1.79049	0.0785498	0.58727	-1.70241	0.0134754	0.377794	-2.64706		0.840524	0.905814	-1.10398	0.508429	0.831565	-1.20264	0.724731	0.884744	-1.13057	0.495934	0.712162	-1.40417	0.553272	5.932001	3.39374	1
cg19640166	ITPRIP	0.272972	0.424844	0.381465	-2.62147	0.0525073	0.430743	-23.2157	0.0419007	0.062534	-15.9913	0.294151	0.276184	-3.62078	0.193458	0.19648	-5.08958		0.250831	0.241992	-4.13238	0.708582	0.644178	-1.5589	0.576051	0.512722	-1.95037	0.511757	0.455253	-2.19658	1.53656	34.4056	19.6856	1
cg13393276	BTBD10;BTBD10	0.272975	0.466302	1.15431	1.15431	0.0925702	0.847645	-1.18379	0.503826	0.810847	-1.23355	0.0933426	0.710844	-1.40707	0.0184481	0.512988	-1.94908	0.824209	0.885143	1.05077	1.08401	0.0144102	0.222115	1.89705	0.0305517	0.0809005	1.53656	1.53656	1.53656	0.0809033	0.0809033	1
cg03746345	MEGF8	0.272985	0.484424	1.17141	1.17141	0.619657	0.894575	-1.11785	0.679262	1.097	1.097	0.735233	1.0785	1.0785	0.0145377	0.511575	1.95475		0.476263	0.851056	-1.17501	0.505529	0.860341	-1.16233	0.430705	0.836037	-1.19612	0.200078	0.739791	-1.35173	1.55352	2.19181	0.697948	1
cg18135234	TNN;4A;TNN4A	0.272985	0.267444	1.27315	1.27315	0.278589	1.26555	1.26555	0.287961	0.784045	-1.25937	0.487925	0.863031	-1.15871	0.57758	0.880045	-1.1248		0.0290707	0.584064	-1.71214	0.547543	0.880534	-1.13567	0.741916	0.933251	-1.07152	0.264958	0.784381	-1.27489	1.55352	1.07514	0.615173	1
cg12325536	LOC645323;LOC645323;LOC645323	0.272987	0.10762	0.2149586	-4.65097	0.0659324	0.631261	-1.58403	0.444912	0.78842	-1.26836	0.2836	0.157766	-6.33966	0.0176246	0.257977	-3.87656		0.63237	0.863183	-1.1586	0.752397	1.15819	1.15819	0.238387	1.4683	1.4683	0.288067	1.4003	1.4003	1.55351	2.29208	1.31183	1
cg02674839	LOC646498	0.272988	0.715969	1.10647	1.10647	0.675139	0.887193	-1.12715	0.115094	0.618295	-1.61735	0.905925	0.967368	-1.03373	0.0266296	0.478413	-2.09024		0.504245	1.20946	1.20946	0.330732	0.754547	-1.3253	0.163102	0.658519	-1.51856	0.345518	0.761372	-1.31342	1.55351	1.93755	1.10863	1
cg00439706	MGA;MGA	0.272989	0.325078	1.19846	1.19846	0.2382	1.32482	1.32482	0.537829	1.78088	1.78088	?	0.7	0.7	0.0111756	0.773855	1.77855		0.0369972	1.03644	1.03644	0.911373	0.881801	1.18098	0.398215	1.32457	1.32457	0.178955	1.18098	1.18098	1.55351	2.16751	1.62687	1
cg05680023	EREG	0.272990	0.54584	1.31129	1.31129	0.0510194	0.678777	2.67877	0.0821783	1.2084	1.2084	0.205271	0.552946	-1.8085	0.863802	1.07909	-1.07909		0.937176	0.962718	-1.03873	0.685331	0.834765	-1.19794	0.197929	0.82817	0.821268	1.32467	1.32467	1.5535	1.32467	1.53655	0.83613	2.76716	1
cg02689825	CDS2;PCNA	0.272997	0.146355	1.46023	1.46023	0.159986	1.43985	1.43985	0.319529	1.28374	1.28374	0.0708114	1.6326	1.6326	0.684547	1.10426	1.10426		0.723248	1.09017	1.09017	0.0985634	0.644128	-1.55249	0.853016	1.04606	1.04606	0.674074	1.10817	1.10817	1.55348	1.45064	0.830046	1
cg07829740	EHMT2;EHMT2	0.272998	0.927854	1.01854	1.01854	0.0730256	1.34562	1.32482	0.537829	1.78088	1.78088	?	0.7	0.7	0.0111756	0.773855	1.77855		0.0369972	1.03644	1.03644	0.911373	0.881801	1.18098	0.398215	1.32457	1.32457	0.178955	1.18098	1.18098	1.55351	2.16751	1.62687	1
cg01522553	KCNC4;KCNC4	0.273005	0.251213	0.729843	-1.37045	0.270741	0.95917	-1.04257	0.333751	0.760585	-1.2994	0.665754	0.892104	-1.12035	0.0906404	0.549736	1.81906		0.917716	0.962718	-1.03873	0.685331	0.834765	-1.19794	0.197929	0.82817	0.821268	1.32467	1.32467	1.5535	1.32467	1.53655	0.83613	2.76716	1
cg02442349	SIRT2;SIRT2;NFKBIB;NFKBIB	0.273007	0.237369	0.496016	-2.01512	0.0490582	0.716803	-1.39508	0.15082	2.15344	2.15344	0.253476	1.83196	1.83196	0.156693	2.13606	2.13606		0.314497	1.67907	1.67907	0.701746	0.925555	-1.21131	0.104821	1.3795	1.3795	0.176278	2.04674	2.04674	1.53664	0.610713	3.4741	1
cg19740412	FOXS1;FOXS1	0.273013	0.247947	0.530482	-1.88508	0.668428	1.25377	1.25377	0.729368	1.19996	1.19996	0.237575	0.522359	-1.91439	0.0852859	0.36842	-2.71429		0.761741	0.852478	-1.17305	0.0590502	0.326645	-3.06143	0.117629	0.409844	-2.43996	0.182651	0.476023	-2.10074	1.55342	6.77779	3.87834	1
cg00479902	ADAMTS16	0.273021	0.211765	0.661345	-1.51207	0.147827	0.61382	-1.62914	0.365924	0.819356	1.39356	1.39356	0.185158	1.55558	1.55558	0.604013	1.7876	1.7876	0.302668	1.27226	1.27226	0.0479812	0.4128	0.642466	0.702905	0.266119	0.681227	1.08859	1.08859	1.55362	19.3439	11.0674	1
cg22758970	RGS9;RGS9;RGS9;RGS9;RGS9;RGS9	0.273024	0.0236763	0.692432	-1.44444	0.124741	1.11252	1.11252	0.295568	1.15905	1.15905	0.32808	1.34694	1.34694	0.794378	1.03618	1.03618		0.327092	1.14759	1.14759	0.525985	1.13657	1.13657	0.568039	1.08156	1.08156	0.745238	1.04536	1.04536	1.55338	0.455547	0.260677	1
cg12025690	FAM155A	0.273026	0.998394	0.999211	-1.00079	0.314898	0.665101	-1.50353	0.0737442	0.457381	-2.18636	0.373227	0.698575	-1.43149	0.120678	0.516599	-1.93574		0.562794	0.794852	-1.2581	0.0476009	0.41104	-2.43285	0.513562	1.29692	1.29692	0.195385	0.584266	-1.71155	1.55338	3.78856	2.16793	1
cg16534928	NKX2-2	0.273026	0.174884	0.377794	-2.60956	0.0448366	1.08584	1.08584	0.553808	1.79049	1.79049	0.0785498	0.58727	-1.70241	0.0134754	0.377794	-2.64706		0.840524	0.905814	-1.10398	0.508429	0.831565	-1.20264	0.724731	0.884744	-1.13057	0.495934	0.712162	-1.40417	0.553272	5.932001	3.39374	1
cg19640166	ITPRIP	0.273026	0.806327	0.916715	-1.09085	0.0782886	1.99863	1.99863	0.176871	1.66227	1.66227	0.637469	0.84532	-1.18298	0.442447	0.757866	-1.31949		0.330039	1.42738	1.42738	0.19734	1.62004	1.62004	0.265387	1.50816	1.50816	0.209351	0.625987	-1.59748	1.55338	3.08332	1.76436	1
cg02025998	IRGM	0.273031	0.422204	1.19077	1.19077	0.272872	1.22944	1.22944	0.948529	1.0318	1.0318	0.329229	0.833186	-1.19992	0.185213	1.28957	1.28957		0.785476	0.953166	-1.05062	0.198886	0.27855	1.27855	0.424005	0.870887	-1.14825	0.0629507	0.684785	-1.46031	1.55336	0.806004	0.461224	1
cg25438801	DIP2C	0.273032	0.65505	1.37331	1.37331	0.0703903	1.03833	1.03833	0.926467	0.974347	1.74347	0.261677	1.87559	-1.06791	0.0479599	0.613186	-1.63096		0.360997	1.65627	1.65627	0.0970161	0.734666	-1.36116	0.691486	0.980988	-1.02002	0.0209141	0.972621	1.97263	1.55336	7.10284	4.05401	1
cg07128973	CCDC74B	0.273033	0.341401	1.78463	1.78463	0.715537	2.1414	2.1414	0.86023	0.760241	-1.25937	0.487925	0.863031	-1.15871	0.57758	0.880045	-1.1248		0.0290707	0.584064	-1.71214	0.547543	0.880534	-1.13567	0.741916	0.933251	-1.07152	0.264958	0.784381	-1.27489	1.55352	1.07514	0.615173	1
cg11862642	OSR2	0.273036	0.811877	1.08234	1.08234	0.0855005	0.41354	1.31226	0.215931	1.48535	1.48535	0.317485	0.7737172	-1.29254	0.0502355	0.504427	-1.9831		0.470091	1.25751	1.25751	0.0810445	0.458832	-2.17945	0.290502	1.4197	1.4197	0.325502	1.4006	1.4006	1.55334	0.85027	0.55027	1
cg22920300	SOX20T	0.273038	0.633438	1.71235	1.71235	0.550157	2.111	2.111	0.716925	0.665222	-1.50326	0.352684	2.91729	2.91729	0.42207	2.50455	2.50455		0.154912	5.4972	5.4972	0.782655	1.36285	1.36285	0.0105872	36.5588	36.5588	0.482002	2.2256	2.2256	1.55334	30.8333	17.6442	1
cg26543774	LPIN1	0.273051	0.933711	1.0283	1.0283	0.57221	1.21098	1.21098	0.117521	1.76864	1.76864	0.139784	1.70405	1.70405	0.864328	0.944232	-1.05906		0.0905062	0.823211	-1.21481	0.0718097	0.50958	-1.9624	0.641183	0.854404	-1.17054	0.220784	1.53997	1.53997	1.55334	2.76774	1.58382	1
cg15209365	CCDC109B	0.273041	0.568308	1.38096	1.38096	0.896513	1.12008	1.12008	0.436446	0.641226	-1.55951	0.0672102	0.317233	-3.15226	0.0664272	0.31594	-3.16516		0.857389	1.90421	1.90421	0.0994704	-1.00532	0.612866	0.307201	-3.2552	1.55333	7.70747	4.41059	1
cg04705238	TIRAP;TIRAP	0.273042	0.647631	0.929254	-1.07613	0.682682	0.936564	-1.06773	0.309181	0.845564	-1.18264	0.18855	0.775499	-1.28949	0.591968	0.917348	-1.0901		0.0677922	0.721661	-1.38569	0.0286139	0.662495	-1.50945	0.849238	1.03081	1.03081	0.654295	1.07451	1.07451	1.55332	0.625432	0.357904	1
cg05035143	DNAJC15	0.273045	0.936064	1.05111	1.05111	0.643437	0.776147	-1.28842	0.0770153	1.13496	1.13496	0.185504	0.7573131	-1.32045	0.0779132	0.79129	-1.26305	0.0884375	0.842014	1.18771	1.18771	0.0242006	0.332275	1.50274	0.0242006	0.0242006	1.55332	1.55332	1.55332	0.0242006	0.0242006	1
cg16046444	NR5A2;NR5A2	0.273057	0.651064	1.29986	1.29986	0.990411	1.00695	1.00695	0.613895	1.34048	1.34048	0.926759	0.94842	-1.05438	0.928472	0.9496	-1.05308		0.68569	0.791083	-1.26409	0.297178	0.53585	-1.86364	0.0105099	0.63867	0.63867	0.970046	1.02186	1.02186	1.55327	8.16147	4.67055	1
cg09773150	CAMK1;CAMK1	0.273059	0.0433192	0.729615	-1.37059	0.273039	1.16731	1.16731	0.615587	0.933664	-1.07105	0.918424	0.91399	-1.10499	0.878648	1.29104	1.29104		0.957752	1.02071	1.02071	0.926143	0.987505	-1.01265	0.636745	0.937524	-1.06664	0.309689	1.15323	1.15323	1.55323	0.842608	0.25892	1
cg16515457	TCF12;TCF12;TCF12;TCF12	0.273061	0.169205	0.436144	-2.29282	0.737923	1.20956	1.20956	0.481576	0.666795	-1.49971	0.545101	1.41477	1.41477	0.252424	0.507986	-1.96856		0.837674	1.890279	-1.12324	0.215101	0.477454	-2.09444	0.042072	3.76975	3.76975	0.747644	1.20069	1.20069	1.55326	7.89609	4.51872	1
cg05763154	MAGI2	0.273063	0.157338	0.97599	1.97599	0.0697886	2.49248	2.49248	0.186948	1.87763	1.87763	0.804634	1.11809	1.11809	0.154528	1.98647	1.98647		0.344885	1.54988	1.54988	0.0422415	2.86855	2.86855	0.134003	2.07063	2.07063	0.423823	1.44471	1.44471	1.55326	4.99014	2.85573	1
cg14945867	CNIH	0.273066	0.350756	1.63486	1.63486	0.249951	1.42675	1.42675	0.385377	0.56001	-1.78537	0.156001	1.89501	1.89501	0.0491284	2.05145	2.05145		2.70015	1.44327	0.693184	0.0267297	1.45627	0.637384	0.42597	2.12195	1.93001	0.51697	1.94106	1.94106	1.55326	5.49106	2.99175	1
cg00449500	CDKN3;CDKN3	0.273074	0.893737	0.965898	-1.03531	0.595223	1.14937	1.14937	0.275825	0.745045	-1.3422	0.745153	1.08836	1.08836	0.0794842	0.603288	-1.65758		0.464581	0.824284	-1.21317	0.0437719	1.82524	1.82524	0.858624	0.954765	-1.04738	0.472589	0.82723	-1.20885	1.55322	1.65806	0.948889	1
cg05096259	TMF1	0.273075	0.825351	1.20284	1.20284	0.176806	0.605009	-1.65253	0.201594	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1-vs-1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1-vs-1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1-vs-1533 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5533 vs. N)	Fold-Change(1-vs-5533 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df(Error)
cg06133609	AANAT;UBE2D	0.273273	0.303692	0.882838	-1.15096	0.87273	0.28301	1.28301	0.0643673	1.31557	1.31557	0.4145602	0.895755	-1.11638	0.413479	1.11666	-1.11666	0.99881	0.999803	-1.0002	0.906884	0.984675	-1.01556	0.207237	1.13188	1.13188	0.576767	0.928286	-1.07725	1.55255	0.428306	0.245221	1
cg04296220	ACO1	0.273284	0.189682	0.707429	-1.41357	0.380214	0.125141	1.25141	0.272443	0.752304	-1.32925	0.318465	0.773445	-1.29292	0.102694	0.640902	-1.5603	0.735373	0.918952	-1.0882	0.144028	1.47855	0.147855	0.202668	0.715264	-1.39809	0.389998	0.802942	-1.24542	1.55251	1.52638	0.873932	1
cg13440609	AP2A1;AP2A1	0.273287	0.803461	0.86691	-1.15351	0.833196	1.12838	1.12838	0.464407	0.652825	-1.5318	0.299871	0.540484	-1.85019	0.0125325	0.168872	-5.92165	0.202045	0.462342	-2.1629	0.178775	0.441289	-2.26609	0.501618	0.676664	-1.47784	0.359069	0.57708	-1.73286	1.5525	8.0646	4.61742	1
cg14575109	SFXN5;NUDT6;NUDT6;NUDT6	0.273288	0.236411	0.829402	-1.20569	0.446625	0.889624	-1.12407	0.690987	1.06209	1.06209	0.08965985	1.32501	1.32501	0.297802	1.17672	1.17672	0.685687	0.940491	-1.06372	0.936614	1.01206	1.01206	0.684094	1.06362	1.06362	0.0453011	1.41372	1.41372	1.5525	0.558934	0.32002	1
cg21233690	PGS1	0.273289	0.641	1.17713	1.17713	0.991916	1.003552	1.003552	0.344743	0.711638	-1.40521	0.148798	0.584077	-1.7121	0.0315501	0.420848	-2.37616	0.429884	1.32289	1.32289	0.254861	1.5111	1.5111	0.127227	1.17259	0.972273	0.988003	-1.01214	1.55249	2.96511	1.69769	1
cg22317537	LY6E;LOC100133669;LY6E	0.27329	0.832461	1.02401	1.02401	0.231429	0.868884	-1.15096	0.752133	0.965132	-1.03613	0.0822079	1.2407	1.2407	0.230183	1.15343	1.15343	0.335118	1.11777	1.11777	0.11436	1.21211	1.21211	0.306017	0.888063	-1.12605	0.629481	0.947003	-1.05596	1.55249	0.380493	0.17663	1
cg13660622	SRPX2;SRPK2	0.273304	0.422022	0.709533	-1.40938	0.0444118	0.380641	-2.62714	0.305614	0.641588	-1.55863	0.400345	0.697552	-1.43358	0.0497737	0.392081	-2.5505	0.329192	0.656181	-1.52397	0.0565001	0.405209	-2.46786	0.411223	0.703595	-1.42127	0.374037	0.682658	-1.46486	1.55244	4.30382	2.46426	1
cg01731146	SPRY1;LRRC40;SFRS11	0.273305	0.253473	1.2863	1.2863	0.273863	1.27175	1.27175	0.1057291	1.44926	1.44926	0.712111	0.924735	-1.01839	0.336197	1.23287	1.23287	0.291961	0.793874	1.25965	0.0777243	0.945109	-1.51346	0.997708	0.990194	-1.00061	0.982863	1.00454	1.00454	1.55244	1.09577	0.627414	1
cg25793195	GATA5	0.273306	0.559586	1.39891	1.39891	0.0833354	2.97623	2.97623	0.803793	0.878893	-1.13779	0.218896	0.479168	2.08695	0.187952	0.452301	2.21128	0.138984	0.404095	2.47466	0.47638	0.662325	-1.50983	0.197751	0.460894	-2.1697	0.837013	1.12434	1.12434	1.55243	7.95923	4.55728	1
cg23213876	DMRTB1	0.27331	0.457479	0.584184	-1.71179	0.2924	0.460226	-2.17284	0.0914983	0.267085	-3.74412	0.0567001	0.216024	-4.62912	0.219093	0.399239	-2.50477	0.743437	0.791892	-1.2628	0.152223	0.33636	-2.97301	0.0761194	0.240084	-4.06366	0.119815	0.3015	-3.31675	1.55242	12.4092	7.10528	1
cg06038817	AP3M1;ADK;AP3M1	0.273311	0.755722	1.13091	1.13091	0.168136	1.87277	1.87277	0.0107705	0.992577	-1.00748	0.956057	2.60438	2.60438	0.0948207	2.37414	2.37414	0.722764	1.17286	1.17286	0.338128	0.658224	-1.51924	0.944902	0.907991	-1.41245	0.391303	0.67493	-1.48164	1.55242	4.92604	2.82057	1
cg15403646	HGSNAT	0.273313	0.689939	0.899575	-1.11164	0.0762912	0.592246	-1.68286	0.262881	0.710744	1.40641	0.0135501	0.188077	1.58387	0.0173195	0.271728	-3.68155	0.86525	0.956165	-1.04584	0.362951	1.27988	1.27988	0.378804	1.67538	1.67538	0.731406	1.0952	1.0952	1.55241	1.71256	0.980589	1
cg05670098	BEAN	0.273317	0.0542899	4.54476	4.54476	0.245534	2.12099	2.12099	0.409243	1.36421	1.36421	0.0135977	1.65377	1.65377	0.625539	1.3789	1.3789	0.0816833	3.3639	3.3639	0.07453	1.66138	1.66138	0.561559	0.912424	-1.32904	0.119818	2.85274	2.85274	1.5524	10.4919	6.00754	1
cg07477815	PRR22;DUS3L;DUS3L;PRR22	0.273322	0.852316	0.926954	-1.0788	0.608792	0.810503	-1.2338	0.0172235	0.742799	-1.34626	0.0813857	0.455552	-2.19514	0.0306506	0.555619	-2.812	0.0471652	0.396751	-2.52047	0.598106	0.805328	-1.24173	0.81586	0.904924	-1.1096	0.592941	0.802821	-1.24561	1.55238	4.07292	2.33214	1
cg16239628	ZC3H13	0.273323	0.271597	1.29799	1.29799	0.722253	0.921884	-1.08473	0.741769	1.08724	1.08724	0.6344634	1.10494	1.10494	0.376998	1.22948	1.22948	0.447486	1.19296	1.19296	0.0355786	0.572639	-1.7463	0.390185	0.81819	-1.22221	0.185711	1.13683	1.13683	1.55238	1.27688	0.731138	1
cg00994617	VPS52	0.273324	0.563252	0.929635	-1.07569	0.834585	0.969946	-1.03099	0.648818	1.07404	1.07404	0.7204724	1.06868	1.06868	0.714907	1.07942	1.07942	0.666861	1.07945	1.07945	0.728708	1.05975	1.05975	0.804303	1.04525	1.04525	0.0095278	1.72868	1.72868	1.5524	0.683058	0.391119	1
cg26125443	POLR2G	0.273334	0.163899	0.712023	-1.40445	0.0912773	1.52994	1.52994	0.402566	1.21636	1.21636	0.719822	0.920946	-1.08584	0.268825	0.768501	-1.30124	0.0661765	0.624258	-1.6019	0.961423	1.01112	1.01112	0.858967	0.96015	-1.0415	0.962844	1.01071	1.01071	1.55234	1.28523	0.735936	1
cg17773561	DCAF4L2	0.273335	0.169268	1.35114	1.35114	0.595373	0.876581	-1.08132	0.402372	0.838253	-1.19257	0.691618	0.938537	-1.08538	0.416848	1.18291	1.18291	0.312626	0.806837	-1.2394	0.0715813	1.50669	1.50669	0.517802	1.14424	1.14424	0.16557	0.737933	-1.35514	1.55233	1.03822	0.5945	1
cg22828061	FUT8;FUT8 PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PT	0.273339	0.13954	1.94803	1.94803	0.734277	0.771825	-1.29563	0.831777	0.857403	-1.83744	0.194796	0.98653	-1.79883	0.228659	2.61272	2.61272	0.633884	1.44619	1.44019	0.0291035	0.76338	0.76338	0.136126	1.3898	1.3898	0.17813	2.90723	2.90723	1.5524	14.2063	8.13481	1
cg00638945	CH1;PTCH1	0.273345	0.206828	0.342042	-2.92361	0.307246	2.34368	2.34368	0.259049	2.58278	2.58278	0.752693	0.775133	-1.2901	0.0502091	0.165466	-6.04353	0.957849	1.04351	1.04351	0.1488	0.287141	-3.48261	0.963156	0.96346	-1.03793	0.325557	0.441312	-2.26597	1.5523	15.9644	9.14166	1
cg08970648	CISH;CISH	0.273346	0.890686	0.978415	-1.02206	0.505729	0.898383	-1.11311	0.0732221	0.728306	-1.37305	0.245521	0.824685	-1.21258	0.443725	0.883452	-1.13192	0.0640563	0.718739	-1.39132	0.271124	0.833758	-1.19939	0.587445	0.916741	-1.09082	0.0342548	0.675716	-1.47991	1.5523	0.619122	0.354526	1
cg18335592	MOCS2;MOCS2	0.273346	0.743249	1.13125	1.13178	7	0.191775	1.61313	1.61313	1.58425	1.58425	0.0198782	2.36503	2.36503	0.0308	2.31982	2.31982	0.0908	2.21589	2.21589	0.0479	2.14095	2.14095	0.131325	1.61461	1.61461	0.0496633	1.76	1.76	1.5523	1.74824	1.00121	1
cg16762845	GMDS	0.273363	0.023752	0.399948	-2.50033	0.889089	1.04852	1.04852	0.78266	0.910382	-1.09844	0.339767	0.716007	-1.39663	0.139411	0.582711	-1.71612	0.34565	0.719085	-1.39066	0.789986	1.09487	1.09487	0.733917	1.12282	1.12282	0.116462	0.56036	-1.78457	1.5524	2.83419	1.623	1
cg08450501	NCI1	0.273371	0.277267	1.16607	1.16607	0.96192	0.993529	-1.00651	0.138694	0.805152	-1.242	0.145054	0.808327	-1.23712	0.353542	0.878744	-1.13799	0.295664	0.862903	-1.15888	0.220672	0.833955	-1.19133	0.104129	1.20537	1.20537	0.476752	1.10338	1.10338	1.5521	0.454499	0.260273	1
cg00623312	CUX1;CUX1;CUX1	0.273376	0.285213	1.19897	1.19897	0.926635	1.07569	1.07569	0.958958	1.17519	1.17519	0.116997	0.802625	-1.65666	0.0154564	0.377053	-2.65233	0.53177	1.2085	1.2085	0.0452	1.42772	1.42772	0.0502216	0.888227	1.12583	0.178093	1.83809	1.83809	0.665625	0.878093	1.15883	2.19774	1.25857	1
cg03278866	PTBP1;PTBP1;PTBP1;PTBP1	0.273382	0.149182	0.710472	-1.40752	0.109108	1.47126	1.47126	0.571186	1.13482	1.13482	0.69163	0.915666	-1.0921	0.334396	0.80251	-1.24609	0.653383	1.10505	1.10505	0.0564516	1.61167	1.61167	0.529146	1.1513	1.1513	0.767006	1.06787	1.06787	1.5521	1.20056	0.68753	1
cg00806490	CDH13	0.273384	0.511768	1.09104	1.09764	0.249384	1.18771	1.18771	0.613745	1.10242	1.10242	0.402372	0.838253	-1.19257	0.691618	1.18291	1.18291	0.482893	1.10424	1.10424	0.0981994	0.498813	0.90856	-1.1006	0.306868	0.908167	-1.23941	0.0715813	1.50669	1.50669	0.517802	1.14424	1.14424	0.16557	0.737933	-1.35514	0.59233	1.03822	0.5945	1
cg15198793	AIAP1;AIAP1	0.273393	0.128502	0.799049	-1.25149	0.225599	1.18977	1.18977	0.27965	1.16587	1.16587	0.733142	0.954346	-1.04784	0.316514	1.15188	1.15188	0.684622	0.945769	-1.05734	0.278013	0.857248	-1.16652	0.838425	0.769951	-1.29878	0.759567	1.04281	1.04281	1.5521	0.454832	0.262469	1
cg19912753	OVOL1	0.273395	0.046122	0.596741	-1.67577	0.427088	0.832605	-1.20105	0.0969642	0.662603	-1.5092	0.740462	1.07799	1.07799	0.402126	0.823886	-1.21376	0.791359	1.06173	1.06173	0.286178	1.28433	1.28433	0.155802	0.709583	-1.40928	0.760215	0.93318	-1.0716	1.55214	1.25469	0.718547	1
cg25605307	GLT25D2	0.273396	0.457788	1.14942	1.14942	0.676026	1.33627	1.33627	0.0157305	1.33883	1.33883	0.72126	1.2034	1.2034	0.0836365	1.5303	1.5303	0.301615	1.29224	1.29224	0.0206365	1.5303	1.5303	0.0944666	1.53546	1.53546	0.0351541	1.8849	1.8849	1.5521	1.61952	0.69774	1
cg06418959	BRA1	0.273402	0.0664294	1.43842	1.43842	0.886354	0.97506	-1.02558	0.124235	1.34176	1.34176	0.918855	0.982164	-1.01816	0.909775	1.02022	1.02022	0.249788	0.808627	-1.23666	0.819111	0.960353	-1.04128	0.797111	1.04655	1.04655	0.0644402	1.44324	1.44324	1.5521	0.766739	0.439109	1
cg21601919	FGF18	0.273404	0.125989	4.937	4.937	0.639441	1.57629	1.57629	0.505807	1.91773	1.91773	0.793086	0.776051	-1.28858	0.147742	0.223605	-4.47218	0.289131	0.34603	-2.88992	0.600924	0.601086	-1.66365	0.0916357	0.5975	5.9975	0.27732	2.97327	2.97327	1.5521	22.8656	13.0951	1
cg09910856	ARHGAP10	0.273404	0.327793	0.79526	-1.25745	0.302475	0.784859	-1.27411	0.34848	1.24471	1.24471	0.693833	0.914181	-1.09388	0.593759	1.08073	1.08073	0.140427	1.43285	1.43285	0.0445591	1.68568	1.68568	0.708306	1.08897	1.08897	0.394304	0.820472	-1.21881	1.55211	1.26433	0.724082	1
cg18263988	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.273404	0.2179	1.77953	1.77953	1.31178	1.03213	1.03213	0.0158254	1.58425	1.58425	0.198782	2.36503	2.36503	0.0308	2.31982	2.31982	0.0908	2.21589	2.21589	0.0479	2.14095	2.14095	0.131325	1.61461	1.61461	0.0496633	1.76	1.76	1.5521	1.74824	1.00121	1
cg19605515	ALB	0.273407	0.310771	0.352666	-2.83554	0.0187541	0.0589915	-16.9516	0.0994952	0.16624	-6.01539	0.809657	0.786776	-1.27101	0.231086	0.286961	-3.48479	0.336465	0.37348	-2.67752	0.288894	0.334847	-2.98644	0.267175	0.317021	-3.15437	0.858826	1.19355	1.19355	1.5521	24.2773	13.9037	1
cg20448641	SLITRK5	0.273414	0.134433	0.752914	0.752914	0.381825	0.67671	-1.35945	0.4726383	0.876185	-2.65827	0.376555	0.632091	-1.58167	0.0704374	0.310804	-3.21798	0.752813	1.14243	1.14243	0.152307	0.632091	-1.58167	0.0704374	0.310804	-3.21798	0.152307	0.826578	-1.20978	1.55209	4.84084	2.75969	1
cg19800427	AS21;AS21	0.273417	0.174266	0.752775	-1.33784	0.113748	0.682443	-1.46532	0.451391	0.843525	-1.1855	0.403457	0.827289	-1.20877	0.909539	1.13584	1.13584	0.651939	1.10594	1.10594	0.09682	1.49814	1.49814	0.235745	1.31727	1.31727	0.770302	0.937134	1.06708	1.5508	1.20897	0.692387	1
cg24652379	TAS2R4	0.273413	0.659782	0.886498	-1.12803	0.0935696	0.605595	-1.65127	0.0360398	0.515224	-1.9409	0.0550971	0.553529	-1.80659	0.769616	0.923238	-1.08314	0.548742	0.847884	-1.17941	0.643111	1.1353	1.1353	0.974267	1.00881	1.00881	0.657224	0.88563	-1.12914	1.5508	1.81802	1.0412	1
cg20445142	C22orf9	0.273414	0.364883	1.25116	1.25116	0.764689	0.97671	-1.03545	0.4726383	0.876185	-2.65827	0.376555	0.632091	-1.58167	0.0704374	0.310804	-3.21798	0.291243	1.19237	1.19237	0.20378	0.632091	-1.58167	0.0704374	0.310804	-3.21798	0.152307	0.826578	-1.20978	1.55209	4.84084	2.75969	1
cg19188793	TTC19	0.273417	0.778382	0.912716	-1.09563	0.71859	1.12427	1.12427	0.853527	0.94193	-1.06165	0.404107	1.31831	1.31831	0.170103	0.57897	-1.72721	0.712666	1.1272	1.1272	0.28149	0.697558	-1.43357	0.0371014	0.28911	2.18911	0.396472	0.754969	-1.32456	1.55206	2.57571	1.47515	1
cg00364942	OLIG2	0.273417	0.171686	0.731994	0.731994	0.0933569	0.0597168	-1.67167	0.0113568	0.0810919	-12.3348	0.0134709	0.0472139	-3.14654	0.0203316	0.0509307	-19.6413

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24531534	LOXL2	0.273723	0.274095	2.49371	2.49371	0.295497	0.418508	-2.38944	0.748662	1.29449	1.29449	0.347785	0.460153	-2.17319	0.127712	3.75223	3.75223	0.172433	3.20922	3.20922	0.13802	3.60499	3.60499	0.118269	3.90299	3.90299	0.853709	1.15975	1.15975	1.55103	15.8369	9.07605	1
cg22183706	CALCA;CALCA;CALCA;CALCA;CALCA;CALCA	0.273728	0.0750345	2.89181	2.89181	0.345461	1.68276	1.68276	0.0825931	2.80035	2.80035	0.6797	1.24903	1.24903	0.912554	0.942859	-1.0606	0.773972	0.857077	-1.16676	0.752406	1.18473	1.18473	0.0384592	3.61266	3.61266	0.254952	1.89009	1.89009	1.55101	7.04724	4.03879	1
cg21730019	SLC2A4RG	0.27373	0.16591	1.34813	1.34813	0.231821	1.28858	1.28858	0.0511157	1.56691	1.56691	0.50789	0.873008	-1.14546	0.67602	1.08869	1.08869	0.44978	0.855811	-1.16848	0.373309	0.831289	-1.20295	0.993064	0.998244	-1.00176	0.166881	1.34709	1.34709	1.55101	1.00409	0.575446	1
cg23476908	PAK3;PAK3;PAK3;PAK3;PAK3;PAK3	0.273733	0.387647	1.76711	1.76711	0.651089	0.746218	-1.34009	0.788742	1.18849	1.18849	0.177197	0.397636	-2.51486	0.0462112	0.230251	-4.34309	0.213104	2.32353	2.32353	0.270912	0.478536	-2.08971	0.646881	1.34525	1.34525	0.536175	1.49599	1.49599	1.551	10.1558	5.82038	1
cg17855016	TUBGCP3	0.273735	0.346496	0.904652	-1.1054	0.358075	1.10262	1.10262	0.19568	1.15194	1.15194	0.0863648	1.21632	1.21632	0.413838	1.09018	1.09018	0.499861	0.931656	-1.07336	0.184553	0.864615	-1.15658	0.315943	0.898372	-1.11313	0.519585	1.06981	1.06981	1.55099	0.262445	0.15041	1
cg16287734	P2RY2;P2RY2;P2RY2	0.273737	0.97055	1.01048	1.01048	0.114161	1.62499	1.62499	0.367826	1.29867	1.29867	0.096689	0.597382	-1.67397	0.535172	0.837423	-1.19414	0.252299	1.40193	1.40193	0.0963759	1.67494	1.67494	0.852269	0.948695	-1.05408	0.989737	1.00364	1.00364	1.55099	1.96066	1.12368	1
cg11736167	PHLDB1;PHLDB1;PHLDB1	0.273741	0.767194	1.25993	1.25993	0.135454	3.49862	3.49862	0.107611	3.92217	3.92217	0.302549	0.43552	-2.2961	0.1846	0.33447	-2.98981	0.188034	0.337668	-2.96149	0.587566	0.652985	-1.53143	0.983064	1.01666	1.01666	0.376494	0.493451	-2.02654	1.55097	14.8792	8.5275	1
cg23675214	SUV39H1	0.273746	0.136473	0.285699	-3.50019	0.736733	0.768368	-1.30146	0.686869	1.37225	1.37225	0.105122	3.98609	3.98609	0.0835209	4.46316	4.46316	0.188547	0.336912	-2.96813	0.790941	0.812635	-1.23057	0.913005	1.08909	1.08909	0.673405	1.39242	1.39242	1.55095	14.9793	8.58499	1
cg24983539	CNTN5;CNTN5	0.273763	0.533912	0.877129	-1.14008	0.480408	1.16099	1.16099	0.398265	1.19719	1.19719	0.972439	0.992836	-1.00722	0.0417052	1.62996	1.62996	0.952761	0.987747	-1.0124	0.199685	1.32572	1.32572	0.132342	0.71322	-1.40209	0.328595	1.23347	1.23347	1.5509	1.06369	0.609647	1
cg19244546	XKRX	0.273763	0.376805	1.52088	1.52088	0.120622	0.459198	-2.17771	0.110674	0.447718	-2.23355	0.83651	1.10024	1.10024	0.0305317	0.308777	-3.23858	0.932105	0.961372	-1.04018	0.897203	1.06158	1.06158	0.620446	0.793905	-1.2596	0.718337	0.845816	-1.18229	1.5509	5.25003	3.00903	1
cg06985056	ARFGEF1	0.273764	0.248994	0.529528	-1.88847	0.0309443	0.262704	-3.80657	0.102758	0.389883	-2.56487	0.672668	0.799142	-1.25134	0.0922083	0.376087	-2.65896	0.158052	0.450986	-2.21736	0.749919	0.844736	-1.1838	0.918905	1.0552	1.0552	0.787126	0.866914	-1.15352	1.55089	6.83814	3.91925	1
cg06125055	FKBP7;MIR548N;FKBP7	0.273766	?	?	?	0.192537	0.448761	-2.22836	0.337407	1.77635	1.77635	0.232411	0.483103	-2.06995	?	?	?	0.140858	0.398447	-2.50975	0.594882	1.36589	1.36589	0.919777	1.06027	1.06027	0.178959	2.29203	2.29203	1.55615	6.4696	4.75136	1
cg18575863	ARMC2	0.273774	0.121822	0.116256	-8.60173	0.825642	0.753444	-1.32724	0.413627	0.342182	-2.92242	0.175905	0.157778	-6.33804	0.0360835	0.0438069	-22.8274	0.366101	0.303772	-3.29195	0.0512003	0.0579008	-17.2709	0.274585	0.232544	-4.30025	0.328942	0.274482	-3.64323	1.55086	40.441	23.1791	1
cg02671671	STK11	0.273793	0.55567	0.917518	-1.0899	0.653601	0.936842	-1.06742	0.338896	1.153	1.153	0.151269	0.80084	-1.24869	0.0433335	0.714884	-1.39883	0.977723	1.00404	1.00404	0.189497	0.818136	-1.22229	0.242612	1.19317	1.19317	0.987836	0.997801	-1.0022	1.5508	0.512319	0.293652	1
cg14278321	PRDM12	0.273799	0.39029	0.779421	-1.283	0.18006	1.49635	1.49635	0.119643	1.61289	1.61289	0.919097	1.02918	1.02918	0.520661	1.2024	1.2024	0.0695967	1.77628	1.77628	0.795775	0.929206	-1.07619	0.195034	0.678403	-1.47405	0.442617	1.24809	1.24809	1.55078	1.96828	1.1282	1
cg10268711	CYTH4	0.273802	0.460842	0.857545	-1.16612	0.741229	1.07019	1.07019	0.662187	0.913943	-1.09416	0.295329	0.800799	-1.24875	0.879604	0.96945	-1.03151	0.0664103	1.52409	1.52409	0.306723	1.24185	1.24185	0.164518	0.738179	-1.35469	0.148614	0.728241	-1.37317	1.55076	1.02908	0.589861	1
cg05158606	ABI2	0.273809	0.149239	2.13693	2.13693	0.148172	0.466892	-2.14182	0.231987	1.8506	1.8506	0.270254	1.75709	1.75709	0.185952	0.502289	-1.99089	0.903186	0.942	-1.06157	0.391174	0.649602	-1.5394	0.312592	0.598767	-1.6701	0.59781	1.29875	1.29875	1.55074	5.92136	3.39414	1
cg20335384	ARHGEF10L	0.27381	0.165393	0.345069	-2.89797	0.821257	0.849817	-1.17672	0.874617	1.12026	1.12026	0.323253	0.480123	-2.0828	0.0821357	0.250308	-3.99507	0.180592	0.359725	-2.7799	0.0472144	0.195361	-5.11873	0.11633	0.293112	-3.41166	0.225153	0.400064	-2.4996	1.55074	12.7014	7.28051	1
cg19755813	GEMIN4	0.273814	0.500569	2.2045	2.2045	0.0353033	17.016	17.016	0.0284069	19.9032	19.9032	0.98815	1.01732	1.01732	0.506296	2.18071	2.18071	0.946595	1.08053	1.08053	0.997966	0.997057	-1.00295	0.870375	1.20782	1.20782	0.624399	0.565219	-1.76923	1.55073	32.8303	18.8186	1
cg03966785	PDGFRA	0.273819	0.18383	0.261447	-3.82487	0.645275	0.643376	-1.5543	0.0466371	0.114442	-8.73808	0.277079	0.341109	-2.93161	0.0233889	0.0759858	-13.1604	0.363847	0.411531	-2.42995	0.32306	0.378646	-2.64099	0.394814	0.436393	-2.29151	0.551574	0.563761	-1.7738	1.55071	22.2331	12.7443	1
cg12012319	GRM8;GRM8;GRM8	0.273819	0.606971	0.707593	-1.41324	0.947783	1.04463	1.04463	0.605105	1.41583	1.41583	0.867503	1.11774	1.11774	0.0106841	0.117751	-8.49248	0.744597	1.24347	1.24347	0.99637	0.996972	-1.00304	0.272176	0.466768	-2.14239	0.410091	0.570323	-1.75339	1.55071	10.9137	6.25588	1
cg11014794	CPEB3	0.273821	0.958046	0.995416	-1.00461	0.0480196	1.21824	1.21824	0.232595	1.11553	1.11553	0.158725	0.876711	-1.14063	0.429352	0.931962	-1.07301	0.201831	0.88895	-1.12492	0.670565	1.03808	1.03808	0.721781	0.969254	-1.03172	0.784271	1.02426	1.02426	1.5507	0.187356	0.107396	1
cg00699693	MIR140;WWP2;WWP2	0.273822	0.106394	0.70565	-1.41713	0.795436	0.949924	-1.05272	0.637727	1.09832	1.09832	0.909384	1.02277	1.02277	0.267408	0.795764	-1.25665	0.815295	0.954784	-1.04736	0.61433	1.10569	1.10569	0.0585127	0.655317	-1.52598	0.0581403	0.654803	-1.52718	1.5507	0.960239	0.550426	1
cg00869546	SNTG2	0.273829	0.379506	1.22203	1.22203	0.659216	0.906007	-1.10374	0.853304	0.959667	-1.04203	0.788014	1.06178	1.06178	0.525196	1.15396	1.15396	0.26258	1.29667	1.29667	0.0390347	1.70117	1.70117	0.302276	0.788451	-1.26831	0.15525	0.713002	-1.40252	1.55068	1.21493	0.696428	1
cg22445742	BCL11A;BCL11A	0.27383	0.901832	1.04336	1.04336	0.159633	1.67676	1.67676	0.0262754	2.47574	2.47574	0.38467	1.35875	1.35875	0.207442	1.57968	1.57968	0.855984	1.06448	1.06448	0.911222	1.03911	1.03911	0.0563284	2.10284	2.10284	0.601331	1.1988	1.1988	1.55067	2.90535	1.66543	1
cg04846648	ADSSL1;ADSSL1	0.273834	0.0417562	0.276636	-3.61486	0.475721	1.48751	1.48751	0.200988	2.09485	2.09485	0.847382	0.899874	-1.11127	0.482718	0.676635	-1.4779	0.0963893	0.368043	-2.71707	0.628526	0.765723	-1.30595	0.995667	1.00298	1.00298	0.585513	1.35192	1.35192	1.55066	7.36282	4.22062	1
cg01912379	ST8SIA5	0.273835	0.715973	0.915445	-1.09236	0.17667	1.41515	1.41515	0.405896	0.814175	-1.22824	0.297762	0.770306	-1.29819	0.157911	0.694177	-1.44055	0.337779	1.26987	1.26987	0.30813	1.29051	1.29051	0.450369	0.830318	-1.20436	0.101341	0.648094	-1.54299	1.55066	1.43554	0.822899	1
cg16596536	PTRH2	0.273836	0.198332	1.44595	1.44595	0.369307	1.28417	1.28417	0.33494	0.763579	-1.30962	0.36129	1.2899	1.2899	0.0627726	0.566686	-1.76465	0.856112	0.951956	-1.05047	0.115128	0.628321	-1.59154	0.947491	0.982292	-1.01803	0.865156	1.04718	1.04718	1.55065	1.80714	1.03592	1
cg21920221	STK10	0.273838	0.218127	0.274003	-3.64959	0.925819	1.09753	1.09753	0.968944	0.96184	-1.03967	0.295631	0.338297	-2.95598	0.180355	0.241307	-4.14409	0.572275	0.565373	-1.76874	0.020262	0.0609724	-16.4009	0.395537	0.419134	-2.38587	0.0957291	0.160625	-6.22569	1.55064	24.5272	14.0599	1
cg08366845	ALOX12P2	0.273841	0.290918	0.625929	-1.59762	0.465879	0.728159	-1.37333	0.112442	2.09332	2.09332	0.438047	1.40236	1.40236	0.243369	0.593425	-1.68513	0.241501	0.592082	-1.68895	0.910079	0.95285	-1.04948	0.120492	0.486781	-2.05431	0.340874	1.52132	1.52132	1.55063	4.4881	2.57277	1
cg14791193	C1orf144;C1orf144	0.273842	0.672553	1.15812	1.15812	0.487049	1.27614	1.27614	0.731569	0.887892	-1.12626	0.445015	0.764257	-1.30846	0.193443	1.60831	1.60831	0.430416	1.32037	1.32037	0.0133011	2.88398	2.88398	0.459843	1.29674	1.29674	0.767681	1.10771	1.10771	1.55063	2.92833	1.67864	1
cg25164450	HDAC4	0.273855	0.448226	0.830973	-1.20341	0.414413	1.22124	1.22124	0.0179696	1.9913	1.9913	0.636015	1.12099	1.12099	0.364788	0.800039	-1.24994	0.671655	1.10754	1.10754	0.587066	1.14039	1.14039	0.514444	0.853527	-1.17161	0.498569	0.848245	-1.1789	1.55059	1.40943	0.807969	1
cg11629830	IQGAP2	0.273857	0.981188	1.01993	1.01993	0.029696	8.519	8.519	0.347981	2.24542	2.24542	0.734661	0.752181	-1.32947	0.249111	0.364799	-2.74123	0.686602	1.4043	1.4043	0.341134	0.439925	-2.27312	0.177582	3.31826	3.31826	0.691059	1.39709	1.39709	1.55058	17.2091	9.86529	1
cg12553223	C20orf43	0.273861	0.822625	1.10957	1.10957	0.594343	1.28264	1.28264	0.169363	0.507649	-1.96987	0.183986	0.52065	-1.92067	0.508749	0.733136	-1.364	0.105843	0.441306	-2.266	0.0679202	0.387961	-2.57758	0.112625	0.449427	-2.22506	0.207051	0.540001	-1.85185	1.55057	5.26631	3.019	1
cg03692305	ZBTB20	0.273864	0.112815	0.646515	-1.54676	0.0355867	1.85557	1.85557	0.156503	1.46668	1.46668	0.555508	1.16262	1.16262	0.824477	0.945414	-1.05774	0.573411	1.15461	1.15461	0.481391	1.19823	1.19823	0.772615	1.07596	1.07596	0.459317	1.20973	1.20973	1.55056	1.56815	0.898975	1
cg09126203	DHRS3	0.273871	0.088343	0.514667	-1.943	0.132648	0.563729	-1.7739	0.821672	1.08301	1.08301	0.0590723	0.470972	-2.12327	0.295674	0.681761	-1.46679	0.59104	0.825624	-1.2112	0.152524	0.581976	-1.71828	0.418208	1.3394	1.3394	0.835164	0.929038	-1.07638	1.55053	3.0644	1.75676	1
cg05340577	DGCR10	0.273875	0.613326	0.931581	-1.07344	0.91754	0.9857	-1.01451	0.30137	0.86163	-1.16059	0.620381	0.932913	-1.07191	0.0207517	0.678946	-1.47287	0.266014	0.851123	-1.17492	0.201383	1.20642	1.20642	0.992537	0.9987	-1.0013	0.308088	0.863527	-1.15804	1.55052	0.475028	0.272326	1
cg02727227	MBOAT2	0.273876	0.0793241	0.758194	-1.31892	0.309396	0.86114	-1.16125	0.440783	1.1182	1.1182	0.165973	0.810628	-1.23361	0.149473	0.802804	-1.24563	0.0757024	0.755054	-1.32441	0.386866	0.881564	-1.13435	0.175275	0.814766	-1.22735	0.995415	0.999184	-1.00082	1.55052	0.495978	0.284337	1
cg25203113	WAC;WAC;WAC	0.273876	0.451281	1.18558	1.18558	0.214617	0.748443	-1.33611	0.604744	1.12278	1.12278	0.63069	0.898132	-1.11342	0.459072	1.182	1.182	0.237822	0.760132	-1.31556	0.0273196	1.78457	1.78457	0.829919	0.953408	-1.04887	0.75304	0.932387	-1.07252	1.55052	1.20804	0.692555	1
cg06622591	RMND5B	0.273882	0.207087	1.80569	1.80569	0.805011	0.895961	-1.11612	0.231412	1.74634	1.74634	0.18628	0.536685	-1.86329	0.678552	1.20335	1.20335	0.570899	0.7754	-1.28966	0.390205	1.47855	1.47855	0.0437109	2.80046	2.80046	0.289483	1.6296	1.6296	1.5505	4.84429	2.7772	1
cg01500421	HARS2;HARS	0.273883	0.481964	0.892856	-1.12	0.209853	0.810937	-1.23314	0.99581	1.00083	1.00083	0.78653	0.957868	-1.04399	0.318334	0.849123	-1.17769	0.128441	0.770607	-1.29768	0.0191836	0.638042	-1.5673	0.452623	1.129	1.129	0.616209	0.92299	-1.08344	1.55049	0.617481	0.353999	1
cg21937128	FAM63A;FAM63A;FAM63A;FAM63A;FAM63A	0.273895	0.363025	1.91445	1.91445	0.739172	0.792849	-1.26127	0.198592	0.389157	-2.56966	0.875631	0.896906	-1.11494	0.882785	1.10793	1.10793	0.567864	1.49342	1.49342	0.313615	0.484817	-2.06263	0.0387351	5.27406	5.27406	0.168284	2.77303	2.77303	1.55045	11.8501	6.79378	1
cg06056170	NFKBIZ	0.273897	0.0895524	0.573676	-1.74314	0.153011	0.634882	-1.5751	0.0906945	0.575033	-1.73903	0.519047	1.21417	1.21417	0.256671	0.70365	-1.42116	0.820282	1.06989	1.06989	0.969097	0.988565	-1.01157	0.469361	1.24424	1.24424	0.154115	0.635763	-1.57291	1.55045	2.16419	1.24075	1
cg17587934	HNRNPAB;HNRNPAB	0.273904	0.289931	1.22313	1.22313	0.0276464	1.61201	1.61201	0.310315	1.21229	1.21229	0.400562	1.17092	1.17092	0.563429	1.11306	1.11306	0.416194	0.858661	-1.1646	0.218489	0.788717	-1.26788	0.908813	1.02123	1.02123	0.766704	0.946902	-1.05608	1.55042	0.825713	0.473399	1
cg21912550	NAA40;NAA40	0.273912	0.146401	0.673105	-1.48565	0.631124	0.884406	-1.1307	0.602874	1.14257	1.14257	0.992247	1.00247	1.00247	0.516763	0.846271	-1.18165	0.116747	0.648734	-1.54146	0.017568	0.480131	-2.08277	0.793363	0.935515	-1.06893	0.640711	0.887497	-1.12676	1.5504	1.58316	0.907676	1
cg17791617	DLG5	0.273914	0.175424	0.655549	-1.52544	0.0199785	0.439134	-2.27721	0.141156	0.628888	-1.59011	0.851582	1.05643	1.05643	0.268802	0.713528	-1.40149	0.683772	0.886904	-1.12752	0.645785	1.14526	1.14526	0.872024	0.953852	-1.04838	0.319573	0.739749	-1.35181	1.55039	2.109	1.20916	1
cg21262733	MAD2L1	0.273914	0.508118	1.11768	1.11768	0.0626893	1.41495	1.41495	0.0732718	1.39235	1.39235	0.394392	1.15553	1.15553	0.519111	1.11439	1.11439	0.136723	1.30429	1.30429	0.829266	0.964846	-1.03644	0.0583461	1.42546	1.42546	0.289879	1.19966	1.19966	1.55039	0.674308	0.386603	1
cg22690720	SAC3D1	0.273916	0.0724693	0.474256	-2.10856	0.615588	0.828251	-1.20736	0.328103	1.45605	1.45605	0.303364	1.48707	1.48707	0.121073	0.534886	-1.86956	0.749406	0.887556	-1.12669	0.314243	0.678836	-1.47311	0.131889	0.545901	-1.83183	0.835226	1.08061	1.08061	1.55038	3.40186	1.9504	1
cg00298910	PEX13;PUS10;PEX13	0.273918	0.752748	0.925197	-1.08085	0.0509466	1.72807	1.72807	0.0748034	1.62941	1.62941	0.7043	0.910459	-1.09835	0.372163	1.25284	1.25284	0.2664	1.32962	1.32962	0.817084	0.944595	-1.05866	0.249464	0.743698	-1.34463	0.819908	1.0577	1.0577	1.55038	1.48617	0.852078	1
cg17352830	DOPEY2	0.273919	0.0739237	0.609675	-1.64022	0.22868	0.730629	-1.36868	0.547324	0.859604	-1.16333	0.616276	0.882037	-1.13374	0.157319	0.686817	-1.45599	0.56952	0.866927	-1.1535	0.561275	1.15711	1.15711	0.165468	1.44411	1.44411	0.314787	1.29465	1.29465	1.55037	1.5154	0.868836	1
cg22338300	LRCH1;LRCH1;LRCH1	0.273919	0.291081	0.703352	-1.42176	0.853054	1.06137	1.06137	0.770487	0.910317	-1.09852	0.819964	0.929395	-1.07597	0.175182	1.58901	1.58901	0.255518	1.46416	1.46416	0.0291984	0.438062	-2.28278	0.550038	1.2144	1.2144	0.993527	1.00261	1.00261	1.55037	2.53329	1.45244	1
cg18605491	DCXR	0.273929	0.89964	1.02591	1.02591	0.179342	1.3353	1.3353	0.530794	0.879222	-1.13737	0.689357	1.08487	1.08487	0.1067	1.42914	1.42914	0.604951	0.899612	-1.11159	0.578845	0.892553	-1.12038	0.480418	1.15652	1.15652	0.0500739	0.635767	-1.5729	1.55034	1.00913	0.578584	1
cg23583291	SEC11C	0.273929	0.0806231	0.722316	-1.38444	0.551252	1.10651	1.10651	0.819928	0.962445	-1.03902	0.750157	0.94778	-1.0551	0.189302	1.26294	1.26294	0.895327	1.02234	1.02234	0.0428965	0.676247	-1.47875	0.634497	1.08372	1.08372	0.739977	1.05751	1.05751	1.55034	0.692024	0.396774	1
cg23075968	INSR;INSR	0.273931	0.416458	1.21974	1.21974	0.0685608	0.614064	-1.62849	0.459124	1.19757	1.19757	0.0573292	1.67243	1.67243	0.905111	1.02893	1.02893	0.526568	1.16588	1.16588	0.400633	0.814012	-1.22848	0.885865	0.96623	-1.03495	0.358444	1.25341	1.25341	1.55033	1.40472	0.805404	1
cg15270561	TMEM132C	0.273935	0.992397	0.996715	-1.0033	0.480585	1.281	1.281	0.374291	1.37022	1.37022	0.7244	0.884913	-1.13006	0.917367	1.03649	1.03649	0.0835302	0.516042	-1.93783	0.124273	1.77685	1.77685	0.891144	0.953808	-1.04843	0.0755908	0.505029	-1.98008	1.55032	2.92895	1.67934	1
cg12228977	ZNF77	0.273935	0.288899	0.813434	-1.22936	0.531322	1.12629	1.12629	0.880553	1.02861	1.02861	0.0616842	1.48401	1.48401	0.103659	0.7162	-1.39626	0.156335	1.32898	1.32898	0.598908	1.10467	1.10467	0.756461	1.06009	1.06009	0.736049	0.938514	-1.06551	1.55032	0.863797	0.495266	1
cg03846960	JARID2	0.273937	0.38787	0.763222	-1.31023	0.522819	0.820593	-1.21863	0.0639844	0.52962	-1.88815	0.823384	1.07063	1.07063	0.182034	0.648911	-1.54104	0.914269	0.967657	-1.03342	0.100907	1.73071	1.73071	0.328923	1.3602	1.3602	0.555145	0.833417	-1.19988	1.55031	2.2887	1.31225	1
cg03196739	FAM19A5	0.273949	0.801961	1.10823	1.10823	0.0792084	2.21859	2.21859	0.0231831	3.03411	3.03411	0.319493	1.523	1.523	0.654701	1.20211	1.20211	0.54998	1.2806	1.2806	0.143652	1.90125	1.90125	0.976875	1.01192	1.01192	0.6715	0.83993	-1.19058	1.55027	4.10564	2.35408	1
cg22870609	FAM188B	0.273949	0.761825	1.24721	1.24721	0.30204	0.459775	-2.17498	0.129203	0.303784	-3.29182	0.0311689	0.159161	-6.28293	0.307296	0.463927	-2.15551	0.611392	0.689101	-1.45117	0.0559083	0.207242	-4.82527	0.764861	0.804133	-1.24358	0.457897	0.57733	-1.73211	1.55027	12.967	7.43499	1
cg12307306	KY	0.273949	0.615242	0.54933	-1.8204	0.713596	1.54615	1.54615	0.992727	1.01083	1.01083	0.751704	0.687141	-1.45531	0.449119	0.401812	-2.48872	0.599374	0.534411	-1.87122	0.721982	0.655517	-1.52551	0.85124	1.24848	1.24848	0.0105312	44.9027	44.9027	1.55027	34.3093	19.6722	1
cg25922969	RGS14	0.273955	0.62527	0.778379	-1.28472	0.0621072	2.91275	2.91275	0.432457	1.50347	1.50347	0.23849	1.87468	1.87468	0.314357	0.588833	-1.69828	0.629428	1.2808	1.2808	0.735015	1.18877	1.18877	0.704419	0.823656	-1.2141	0.0510071	3.09989	3.09989	1.55025	6.36135	3.64749	1
cg00230869	C2orf42;C2orf42	0.273956	0.653078	1.1813	1.1813	0.311155	0.679857	-1.4709	0.700418	0.867302	-1.153	0.196191	0.604541	-1.65415	0.820954	0.919913	-1.08706	0.592555	0.819616	-1.22008	0.010382	0.304647	-3.28248	0.928836	0.967641	-1.03344	0.99359	1.00296	1.00296	1.55025	3.3295	1.90908	1
cg15868421	DGKZ;DGKZ;DGKZ	0.273956	0.212196	1.22133	1.22133	0.115763	1.29709	1.29709	0.928122	0.986366	-1.01382	0.216853	1.21861	1.21861	0.0349558	1.45342	1.45342	0.705979	1.05936	1.05936	0.802223	0.962534	-1.03892	0.169496	1.24942	1.24942	0.559171	0.914051	-1.09403	1.55025	0.568413	0.325919	1
cg09445727	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.273958	0.253426	0.670808	-1.49074	0.974557	0.989381	-1.01073	0.552963	1.22253	1.22253	0.0195172	0.388704	-2.57265	0.139285	0.58705	-1.70343	0.976419	1.00994	1.00994	0.859143	1.06127	1.06127	0.923519	1.03267	1.03267	0.530245	1.23718	1.23718	1.55024	2.7513	1.57756	1
cg23806017	ZBTB8A	0.273967	0.666482	0.90337	-1.10697	0.989129	0.996812	-1.0032	0.0558299	0.601824	-1.66162	0.143256	0.691649	-1.44582	0.649868	1.11306	1.11306	0.393452	0.814745	-1.22738	0.0941981	1.53918	1.53918	0.570739	1.14372	1.14372	0.749032	0.927532	-1.07813	1.55021	1.34867	0.773326	1
cg05946513	C1orf126	0.273969	0.401128	0.852016	-1.17369	0.827709	0.960196	-1.04145	0.0400346	0.642597	-1.55619	0.498496	1.13661	1.13661	0.0358276	0.634382	-1.57634	0.616416	1.09869	1.09869	0.628395	0.913122	-1.09514	0.912037	0.979617	-1.02081	0.995388	0.998923	-1.00108	1.55021	0.852629	0.488898	1
cg00944433	PRMT6	0.273976	0.489197	1.37864	1.37864	0.833809	0.908439	-1.10079	0.711302	1.18519	1.18519	0.0570685	2.67509	2.67509	0.403341	0.676484	-1.47823	0.696813	1.19597	1.19597	0.043742	0.346641	-2.88483	0.713966	1.18324	1.18324	0.757606	0.868066	-1.15199	1.55018	5.12849	2.94072	1
cg21197958	SRCIN1	0.273987	0.937214	0.974655	-1.026	0.0516849	2.05776	2.05776	0.435042	0.771415	-1.29632	0.457379	0.781439	-1.27969	0.320348	1.39739	1.39739	0.096352	1.81294	1.81294	0.256785	1.47063	1.47063	0.906354	1.03909	1.03909	0.407978	0.758963	-1.31759	1.55015	2.60697	1.4949	1
cg24834740	PPP1R16B	0.27399	0.274108	0.795432	-1.25718	0.438094	0.852937	-1.17242	0.776903	1.0588	1.0588	0.0342906	1.64319	1.64319	0.753484	0.938605	-1.06541	0.848127	0.962175	-1.03931	0.203548	0.76345	-1.30984	0.291442	1.24627	1.24627	0.447219	1.16859	1.16859	1.55013	0.992998	0.569412	1
cg05573654	LPCAT1	0.27399	0.185612	0.755657	-1.32335	0.240003	0.782254	-1.27836	0.122643	0.71612	-1.39641	0.212698	0.769523	-1.29951	0.995665	0.998916	-1.00109	0.310644	1.23294	1.23294	0.126281	1.39122	1.39122	0.711905	1.07685	1.07685	0.547017	0.885457	-1.12936	1.55013	0.978195	0.560924	1
cg04410862	E2F7	0.273996	0.251284	1.18014	1.18014	0.631316	1.06909	1.06909	0.0715346	1.32058	1.32058	0.397737	1.1271	1.1271	0.824541	0.969782	-1.03116	0.953686	0.992006	-1.00806	0.116895	0.790268	-1.26539	0.557744	1.08537	1.08537	0.0928494	1.29112	1.29112	1.55011	0.468783	0.268816	1
cg21797520	SPSB4	0.273996	0.965856	1.01322	1.01322	0.225626	1.47781	1.47781	0.77434	1.09224	1.09224	0.832524	0.937073	-1.06715	0.156502	1.59232	1.59232	0.199303	1.51626	1.51626	0.015679	2.48206	2.48206	0.317523	1.37318	1.37318	0.847364	1.06093	1.06093	1.55011	2.31272	1.32619	1
cg05949667	ACAD8	0.274	0.24848	0.464183	-2.15432	0.277695	0.487646	-2.05067	0.952834	1.03835	1.03835	0.997793	1.00176	1.00176	0.15467	0.37942	-2.6356	0.503697	0.649401	-1.53988	0.0500802	0.241406	-4.1424	0.446671	1.63796	1.63796	0.066444	0.269959	-3.70426	1.5501	9.93615	5.69778	1
cg00157043	LDLRAD3	0.274003	0.0699776	0.389815	-2.56532	0.945975	0.96898	-1.03201	0.358876	0.644889	-1.55065	0.532014	0.745028	-1.34223	0.0680483	0.38667	-2.58618	0.370977	0.652364	-1.53289	0.23501	0.560592	-1.78383	0.0663568	0.383862	-2.6051	0.533849	1.34042	1.34042	1.55009	5.3079	3.04378	1
cg15115055	PRDM16;PRDM16	0.274004	0.725965	1.09879	1.09879	0.429501	1.24101	1.24101	0.244851	1.38501	1.38501	0.0892568	0.605498	-1.65153	0.790943	1.07372	1.07372	0.100198	0.617414	-1.61966	0.583311	0.862154	-1.15989	0.337798	0.767542	-1.30286	0.237514	1.39278	1.39278	1.55009	1.75979	1.00914	1
cg20284239	GPR161	0.274006	0.0721547	0.196754	-5.08249	0.53299	1.66784	1.66784	0.954915	1.04687	1.04687	0.411555	0.506526	-1.97423	0.0344287	0.135549	-7.3774	0.251671	0.379039	-2.63825	0.766456	1.27289	1.27289	0.43093	0.521415	-1.91786	0.226348	0.357338	-2.79847	1.55008	16.1103	9.23842	1
cg19619331	FAM71F2;FAM71F2	0.274009	0.584446	0.782978	-1.27718	0.214198	0.560289	-1.78479	0.697427	1.18896	1.18896	0.297417	0.6197	-1.61369	0.0127462	0.253875	-3.93894	0.647765	0.815653	-1.22601	0.861589	0.925607	-1.08037	0.743716	0.864741	-1.15642	0.496193	1.35808	1.35808	1.55007	4.8174	2.76254	1
cg18516879	SOCS5;SOCS5	0.274019	0.246273	0.843306	-1.18581	0.112424	1.27495	1.27495	0.623729	1.07197	1.07197	0.153101	0.80651	-1.23991	0.446674	0.896714	-1.11518	0.187149	0.821595	-1.21714	0.360002	0.876101	-1.14142	0.26428	1.17768	1.17768	0.47667	0.903293	-1.10706	1.55003	0.48497	0.278113	1
cg16735667	AR;AR	0.274022	0.0779171	0.29937	-3.34035	0.366157	0.564618	-1.77111	0.198451	0.433133	-2.30876	0.270679	0.493581	-2.02601	0.035037	0.22045	-4.53618	0.147386	0.383994	-2.60421	0.179441	0.415653	-2.40585	0.149849	0.386542	-2.58704	0.655377	0.758387	-1.31859	1.55003	9.305	5.33611	1
cg21911557	RPAP2;GLMN	0.274022	0.752521	1.12154	1.12154	0.0191298	2.79593	2.79593	0.524822	1.26323	1.26323	0.141951	1.77275	1.77275	0.470157	0.766118	-1.30528	?	?	?	0.416038	1.35178	1.35178	0.821639	1.08532	1.08532	0.916678	0.962765	-1.03868	1.55255	2.87379	1.85101	1
cg18856925	DNAJC5	0.274024	0.0871629	0.258276	-3.87183	0.550388	0.64853	-1.54195	0.691142	1.33139	1.33139	0.684259	0.745999	-1.34048	0.0444265	0.191186	-5.23052	0.205042	0.383519	-2.60743	0.0736295	0.239457	-4.17612	0.217698	0.394779	-2.53306	0.59842	0.683234	-1.46363	1.55002	12.6104	7.2317	1
cg19108055	KPNA4	0.274028	0.603199	1.41405	1.41405	0.782338	0.832797	-1.20077	0.748582	0.808604	-1.2367	0.120223	3.04512	3.04512	0.209297	0.417167	-2.39712	0.901561	0.921502	-1.08518	0.393661	1.78113	1.78113	0.0309169	5.33394	5.33394	0.448934	1.66493	1.66493	1.55001	10.7145	6.14449	1
cg14711475	EYA4;EYA4;EYA4	0.274029	0.318562	0.776508	-1.28782	0.141761	1.4735	1.4735	0.593389	1.14138	1.14138	0.318831	0.776624	-1.28762	0.53602	1.16622	1.16622	0.259792	1.33435	1.33435	0.0453534	1.75644	1.75644	0.826913	0.947684	-1.0552	0.533078	0.856493	-1.16755	1.55	1.47803	0.847616	1
cg25922355	SRRM3	0.274029	0.816578	1.02632	1.02632	0.331002	0.893892	-1.1187	0.738388	0.963208	-1.0382	0.769644	0.967694	-1.03338	0.350783	0.898167	-1.11338	0.699827	1.04428	1.04428	0.0146742	1.39931	1.39931	0.721366	1.04086	1.04086	0.460615	1.08764	1.08764	1.55	0.307019	0.176068	1
cg00610228	FKBP5;LOC285847	0.274031	0.0944865	0.801984	-1.24691	0.189477	1.18159	1.18159	0.806704	1.02987	1.02987	0.0843036	0.795119	-1.25767	0.379656	0.897452	-1.11427	0.123807	0.818649	-1.22153	0.668058	1.05315	1.05315	0.797918	0.969667	-1.03128	0.530951	0.926635	-1.07917	1.55	0.353808	0.202901	1
cg10175688	TXNDC17;KIAA0753;KIAA0753	0.274035	0.185942	0.711673	-1.40514	0.625144	1.12685	1.12685	0.144098	1.46316	1.46316	0.893522	1.03301	1.03301	0.309793	1.29035	1.29035	0.654936	1.11528	1.11528	0.0376417	1.79475	1.79475	0.202932	1.38541	1.38541	0.815102	0.944768	-1.05846	1.54998	1.44406	0.828145	1
cg25291355	ICAM5	0.274037	0.965752	0.985619	-1.01459	0.84575	1.06792	1.06792	0.358161	0.727031	-1.37546	0.0242024	0.403899	-2.47587	0.289681	1.44884	1.44884	0.775481	1.10128	1.10128	0.311344	1.42386	1.42386	0.285205	1.45425	1.45425	0.882156	0.951189	-1.05132	1.54997	2.79403	1.60234	1
cg26723054	KIAA0182;KIAA0182	0.274039	0.16548	0.297081	-3.36609	0.770815	1.27084	1.27084	0.782655	1.25471	1.25471	0.365531	0.466327	-2.14442	0.0431995	0.148314	-6.74247	0.454407	0.535125	-1.86872	0.0770063	0.1992	-5.02007	0.159842	0.291608	-3.42927	0.216479	0.343981	-2.90714	1.54997	16.5275	9.47834	1
cg25309929	SLC35A1;SLC35A1	0.274039	0.973616	0.994724	-1.0053	0.145299	1.28418	1.28418	0.112095	1.31877	1.31877	0.491671	1.11818	1.11818	0.575437	0.913475	-1.09472	0.45081	1.13075	1.13075	0.156828	0.784905	-1.27404	0.176718	0.794791	-1.25819	0.443332	0.882495	-1.13315	1.54997	0.627934	0.360112	1
cg25895490	ANKS1B;ANKS1B;ANKS1B	0.274039	0.953476	0.960983	-1.0406	0.530968	1.54175	1.54175	0.490132	0.619916	-1.61312	0.305626	2.06178	2.06178	0.379063	1.85071	1.85071	0.12156	3.14224	3.14224	0.419682	1.75491	1.75491	0.019384	6.87903	6.87903	0.272525	2.17939	2.17939	1.54997	11.4223	6.55054	1
cg24990803	VPS41;VPS41	0.274045	0.383349	0.632495	-1.58104	0.565288	1.34611	1.34611	0.450787	1.48196	1.48196	0.609055	1.30168	1.30168	0.887505	0.930286	-1.07494	0.142948	0.443645	-2.25406	0.540113	1.3733	1.3733	0.0647665	2.93975	2.93975	0.0989585	2.55171	2.55171	1.60054	6.46668	3.14246	1
cg00290483	SDK2	0.274052	0.381519	0.649998	-1.53847	0.102543	2.35714	2.35714	0.883926	0.932286	-1.07263	0.253689	0.564323	-1.77203	0.237393	0.552064	-1.81139	0.488828	0.713554	-1.40144	0.596483	1.29235	1.29235	0.0494136	0.340866	-2.93371	0.774353	0.871133	-1.14793	1.54992	5.65486	3.24309	1
cg20902353	ASB2	0.274061	0.533514	0.815377	-1.22643	0.153219	1.64052	1.64052	0.625377	1.17264	1.17264	0.894551	1.04386	1.04386	0.361797	0.738312	-1.35444	0.0320589	2.25425	2.25425	0.467537	0.787215	-1.2703	0.71226	1.12738	1.12738	0.313717	0.713745	-1.40106	1.54989	2.57132	1.47469	1
cg13523568	RGS12;RGS12;RGS12	0.274067	0.937065	1.03171	1.03171	0.228351	0.606684	-1.6483	0.342083	0.679145	-1.47244	0.644586	1.20154	1.20154	0.0111903	0.28464	-3.51321	0.376092	0.698347	-1.43195	0.969212	0.98486	-1.01537	0.677143	0.847466	-1.17999	0.417625	0.720792	-1.38736	1.54988	3.83504	2.19948	1
cg12762731	TMCC1;TMCC1	0.274068	0.178339	0.359076	-2.78493	0.0496328	0.201072	-4.97335	0.245355	0.418828	-2.38761	0.597088	1.46531	1.46531	0.239382	0.413773	-2.41678	0.906441	1.08786	1.08786	0.291144	0.456319	-2.19145	0.200456	2.63417	2.63417	0.696166	0.754972	-1.32455	1.54987	12.5919	7.22177	1
cg05457941	HIST2H2BE;HIST2H2AC;HIST2H2BE	0.274069	0.317467	1.22803	1.22803	0.749059	0.938197	-1.06587	0.814835	0.954437	-1.04774	0.585516	0.896315	-1.11568	0.028897	1.66878	1.66878	0.924312	0.981288	-1.01907	0.596845	1.11194	1.11194	0.950145	1.01251	1.01251	0.0530262	1.5481	1.5481	1.54987	0.969904	0.556265	1
cg20312962	INPP4B;INPP4B	0.274073	0.177571	0.619479	-1.61426	0.203075	1.56682	1.56682	0.727517	1.12401	1.12401	0.376766	0.738506	-1.35408	0.0726645	0.512081	-1.95282	0.590183	0.833842	-1.19927	0.063685	0.49821	-2.00719	0.876848	0.949493	-1.05319	0.586525	0.832322	-1.20146	1.54986	2.74167	1.57243	1
cg05384271	CRB3;CRB3	0.274076	0.605724	1.54284	1.54284	0.0693376	5.43041	5.43041	0.26672	2.62124	2.62124	0.646934	1.46822	1.46822	0.752308	1.30169	1.30169	0.179607	0.30514	-3.27718	0.349972	0.448798	-2.22817	0.674692	0.703606	-1.42125	0.0984861	4.52198	4.52198	1.54984	17.0228	9.76318	1
cg02110031	CEBPZ;C2orf56;C2orf56;CEBPZ	0.274077	0.639885	1.07155	1.07155	0.612844	1.07771	1.07771	0.184843	0.813626	-1.22907	0.371859	1.14393	1.14393	0.541542	0.91335	-1.09487	0.0868055	1.31968	1.31968	0.131388	0.787518	-1.26981	0.30664	1.16792	1.16792	0.325226	1.16066	1.16066	1.54984	0.527976	0.302813	1
cg05144889	GPR148	0.274083	0.526517	0.840733	-1.18944	0.264115	0.730027	-1.36981	0.423394	1.24737	1.24737	0.438472	1.23817	1.23817	0.0203461	0.469543	-2.12973	0.534693	1.18528	1.18528	0.831611	1.05925	1.05925	0.671053	0.890932	-1.12242	0.492276	1.20748	1.20748	1.54982	1.79382	1.02883	1
cg03856973	SCUBE1	0.27409	0.123128	0.569017	-1.75742	0.217451	0.645312	-1.54964	0.259236	0.672114	-1.48784	0.272409	0.680017	-1.47055	0.231364	0.654563	-1.52774	0.654025	0.858742	-1.16449	0.0489766	0.468211	-2.13579	0.047005	0.464196	-2.15426	0.996554	0.998543	-1.00146	1.5498	2.79711	1.60429	1
cg22610423	MRPL39;MRPL39	0.274091	0.660342	1.06132	1.06132	0.787964	0.964372	-1.03694	0.333873	1.14354	1.14354	0.214625	0.838779	-1.19221	0.393717	0.889078	-1.12476	0.74655	0.957298	-1.04461	0.0294073	0.708066	-1.4123	0.167116	0.820207	-1.21921	0.218336	0.840089	-1.19035	1.54979	0.444525	0.254959	1
cg00508131	PDIA2;PDIA2	0.274092	0.162245	0.571547	-1.74964	0.0876492	0.493219	-2.0275	0.500948	0.774068	-1.29188	0.254841	0.640366	-1.56161	0.0711461	0.469678	-2.12912	0.228766	0.622795	-1.60566	0.930123	0.967654	-1.03343	0.0473908	0.427241	-2.3406	0.930606	0.967874	-1.03319	1.54979	3.44989	1.9787	1
cg21455600	KCTD7;KCTD7	0.274097	0.903014	1.04538	1.04538	0.94473	0.975074	-1.02556	0.2437	0.641417	-1.55905	0.666415	0.853943	-1.17104	0.417177	1.35238	1.35238	0.942655	0.974149	-1.02654	0.449304	0.755264	-1.32404	0.20737	1.62263	1.62263	0.0219604	0.367665	-2.71987	1.54977	3.25328	1.86595	1
cg01524359	NASP;NASP;NASP	0.2741	0.737938	1.04909	1.04909	0.279628	1.17398	1.17398	0.046302	1.3851	1.3851	0.323436	1.15667	1.15667	0.0611799	1.35131	1.35131	0.574392	0.922215	-1.08435	0.556037	1.08869	1.08869	0.0936863	1.30093	1.30093	0.382843	1.13623	1.13623	1.54977	0.49988	0.286713	1
cg08324796	GPKOW	0.274105	0.087604	0.421615	-2.37183	0.518722	1.34938	1.34938	0.584355	0.776449	-1.28791	0.317587	1.60509	1.60509	0.0863464	0.419867	-2.38171	0.299789	0.611294	-1.63587	0.597827	0.783619	-1.27613	0.858639	1.08508	1.08508	0.204531	1.84637	1.84637	1.54975	5.14916	2.95341	1
cg24465469	PTPN14	0.274106	0.538657	0.472755	-2.11526	0.667958	0.594921	-1.6809	0.669464	0.59643	-1.67664	0.0925058	9.28221	9.28221	0.286575	0.264005	-3.78781	0.360036	0.322232	-3.10336	0.538763	0.47285	-2.11484	0.0486336	15.0369	15.0369	0.841993	0.786472	-1.2715	1.54975	35.5481	20.3893	1
cg14555350	ARHGAP26;ARHGAP26	0.274107	0.0817106	0.323905	-3.08732	0.152514	2.44841	2.44841	0.631625	1.32612	1.32612	0.489728	0.663651	-1.50682	0.0850358	0.328669	-3.04258	0.876829	0.913357	-1.09486	0.38707	0.595678	-1.67876	0.984741	0.988887	-1.01124	0.189439	0.443872	-2.2529	1.54974	8.3802	4.80665	1
cg04454527	FAM120B	0.274115	0.692282	1.09432	1.09432	0.486388	1.17381	1.17381	0.977834	1.00632	1.00632	0.516711	0.861594	-1.16064	0.881161	1.03448	1.03448	0.12789	0.688684	-1.45204	0.0410882	1.70586	1.70586	0.203404	0.737707	-1.35555	0.430334	0.833269	-1.20009	1.54971	1.26019	0.72282	1
cg01252023	CORO1B;CORO1B	0.274116	0.892886	0.912642	-1.09572	0.278289	2.14885	2.14885	0.867404	0.892813	-1.12006	0.228706	0.42437	-2.35644	0.0426933	0.205341	-4.86995	0.148287	0.349181	-2.86384	0.161568	0.362658	-2.75742	0.867297	0.892731	-1.12016	0.212127	0.40993	-2.43944	1.54971	11.2996	6.48126	1
cg18568872	ZNF710	0.274117	0.514859	0.775887	-1.28885	0.366786	0.700312	-1.42794	0.186364	0.583771	-1.713	0.908015	1.04541	1.04541	0.194588	0.590249	-1.6942	0.408966	0.722906	-1.3833	0.582088	1.23807	1.23807	0.174181	1.74266	1.74266	0.0858169	2.07394	2.07394	1.54971	3.62322	2.07823	1
cg20250341	C17orf44	0.274132	0.0780884	2.40373	2.40373	0.195712	0.541714	-1.84599	0.251537	1.71031	1.71031	0.819965	1.10752	1.10752	0.756336	0.869841	-1.14964	0.368816	0.661319	-1.51213	0.670129	1.21163	1.21163	0.0729878	2.44959	2.44959	0.926834	0.959687	-1.04201	1.54966	4.926	2.82557	1
cg27120020	GLI2	0.274139	0.598595	0.914888	-1.09303	0.213841	1.24505	1.24505	0.495756	1.12279	1.12279	0.420298	1.14783	1.14783	0.25316	1.22122	1.22122	0.0564231	1.43577	1.43577	0.065838	1.41288	1.41288	0.491835	0.889666	-1.12402	0.658307	0.92818	-1.07738	1.54963	0.688189	0.394753	1
cg04223442	NCOR1	0.274139	0.193094	1.19069	1.19069	0.221023	1.17706	1.17706	0.0762471	1.28397	1.28397	0.118552	1.23951	1.23951	0.0548303	1.3178	1.3178	0.597389	1.06987	1.06987	0.456555	0.908388	-1.10085	0.396842	1.11621	1.11621	0.756535	1.04019	1.04019	1.54963	0.39409	0.226055	1
cg10881514	ROR1;ROR1	0.274143	?	?	?	?	?	?	0.445127	1.76327	1.76327	?	?	?	0.64926	0.71632	-1.39602	?	?	?	0.0313881	6.29364	6.29364	0.65719	1.38466	1.38466	0.961071	1.03621	1.03621	1.55976	7.28663	7.47459	1
cg17895018	EXOC6;EXOC6	0.274145	0.755685	1.08491	1.08491	0.13078	1.53116	1.53116	0.21371	1.40754	1.40754	0.801996	1.0678	1.0678	0.603288	0.872067	-1.1467	0.738575	0.916263	-1.09139	0.400817	0.798887	-1.25174	0.0698662	1.69766	1.69766	0.0767343	1.67193	1.67193	1.54961	1.67306	0.959699	1
cg22826333	CWH43	0.274146	0.0611683	5.28868	5.28868	0.160678	3.26401	3.26401	0.106811	4.01465	4.01465	0.302098	2.32556	2.32556	0.0893773	4.38698	4.38698	0.20827	2.84998	2.84998	0.227389	2.71931	2.71931	0.0849384	4.49907	4.49907	0.480724	1.76094	1.76094	1.54961	15.295	8.77356	1
cg22414949	OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1	0.274149	0.134259	0.165273	-6.05058	0.317804	3.16167	3.16167	0.828364	1.27384	1.27384	0.478197	0.447627	-2.234	0.776793	1.3728	1.3728	0.270715	0.278494	-3.59074	0.397557	2.62648	2.62648	0.181492	4.86093	4.86093	0.0833501	8.47231	8.47231	1.5496	30.4986	17.4948	1
cg08300346	ZBTB16;ZBTB16	0.27415	0.814124	0.937859	-1.06626	0.858026	1.04999	1.04999	0.0129753	2.31611	2.31611	0.250538	0.721036	-1.38689	0.610464	1.15021	1.15021	0.998685	1.00045	1.00045	0.353787	1.29678	1.29678	0.51998	1.19441	1.19441	0.612996	1.14905	1.14905	1.5496	1.82109	1.04463	1
cg20436086	COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1;COL13A1	0.274154	0.113351	0.217296	-4.60202	0.899288	0.893885	-1.11871	0.589376	1.62056	1.62056	0.632512	0.652572	-1.5324	0.115498	0.219604	-4.55364	0.246441	0.341695	-2.92659	0.0678799	0.163359	-6.1215	0.0862998	0.186577	-5.35971	0.235778	0.332616	-3.00647	1.54958	19.2634	11.0501	1
cg22959894	PTPRN2;PTPRN2;PTPRN2	0.274157	0.264585	0.686384	-1.45691	0.146936	0.604241	-1.65497	0.176669	0.628248	-1.59173	0.104546	1.77574	1.77574	0.423244	0.767425	-1.30306	0.911087	0.964494	-1.03681	0.321134	1.3934	1.3934	0.481649	0.793366	-1.26045	0.23267	0.666945	-1.49937	1.54957	2.57055	1.47456	1
cg14546619	B4GALNT1;SLC26A10	0.274157	0.246528	0.604361	-1.65464	0.719758	0.860951	-1.16151	0.191358	0.562787	-1.77687	0.181872	0.554952	-1.80196	0.0321106	0.352322	-2.83831	0.171313	0.545931	-1.83173	0.101787	0.475051	-2.10504	0.908157	1.04913	1.04913	0.205484	0.574034	-1.74206	1.54957	4.23811	2.43113	1
cg06646969	HLA-B	0.274162	0.307547	0.842079	-1.18754	0.142933	1.29203	1.29203	0.665118	0.931584	-1.07344	0.872089	1.02657	1.02657	0.98259	0.996455	-1.00356	0.582829	1.09447	1.09447	0.0507403	0.696127	-1.43652	0.0978612	0.744151	-1.34381	0.97503	1.00511	1.00511	1.54956	0.64987	0.372792	1
cg24968742	TSPAN5	0.274163	0.890219	1.0621	1.0621	0.0451196	2.72618	2.72618	0.029507	3.05937	3.05937	0.584882	0.786111	-1.27209	0.769248	1.13693	1.13693	0.680823	1.19775	1.19775	0.236968	1.71693	1.71693	0.474142	1.37379	1.37379	0.903768	0.948601	-1.05418	1.54955	4.67091	2.67943	1
cg14565440	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AGTRAP	0.274164	0.728314	0.932483	-1.07241	0.922833	0.980765	-1.01961	0.18387	0.753814	-1.32659	0.995779	0.99894	-1.00106	0.0830288	0.680638	-1.46921	0.506335	0.873574	-1.14472	0.955594	1.01122	1.01122	0.05903	0.652228	-1.53321	0.0444774	0.629644	-1.5882	1.54955	0.986145	0.565695	1
cg02172142	BARD1	0.27417	0.454492	0.794334	-1.25892	0.619415	1.16337	1.16337	0.0201228	2.33328	2.33328	0.450858	1.26135	1.26135	0.144325	1.60633	1.60633	0.801943	0.926854	-1.07892	0.390553	0.766523	-1.30459	0.960521	0.985151	-1.01507	0.73061	1.11011	1.11011	1.54953	2.24153	1.28586	1
cg19708337	MTF2;MTF2;MTF2;MTF2	0.274171	0.709073	1.16677	1.16677	0.759122	0.881109	-1.13493	0.0739135	2.26996	2.26996	0.379998	0.690309	-1.44863	0.945285	0.972149	-1.02865	0.28758	0.634825	-1.57524	0.0968497	0.472345	-2.1171	0.115305	0.4943	-2.02306	0.678471	0.842349	-1.18716	1.54953	4.15642	2.38434	1
cg12440728	RIPK1	0.274173	0.123014	0.756595	-1.32171	0.720938	0.941881	-1.06171	0.0965218	0.737419	-1.35608	0.878308	1.02591	1.02591	0.040605	0.673892	-1.48392	0.320728	0.842596	-1.18681	0.657741	0.928271	-1.07727	0.208729	0.801542	-1.24759	0.100651	0.740678	-1.35011	1.54952	0.683884	0.392313	1
cg13462599	CGN	0.274179	0.0499664	0.643053	-1.55508	0.535605	1.13191	1.13191	0.743004	1.06714	1.06714	0.479783	0.867723	-1.15244	0.0535903	0.648599	-1.54178	0.349655	0.826835	-1.20943	0.936306	1.01591	1.01591	0.463157	1.15893	1.15893	0.599864	1.11021	1.11021	1.5495	0.957325	0.549181	1
cg16877758	NBEAL2	0.274181	0.659851	0.594218	-1.68288	0.4327	2.56245	2.56245	0.873208	1.20646	1.20646	0.194378	0.1992	-5.02008	0.0162669	0.0316404	-31.6052	0.731799	0.667432	-1.49828	0.349203	0.32221	-3.10357	0.964721	1.05335	1.05335	0.231849	0.229082	-4.36524	1.54949	33.8938	19.4437	1
cg02279464	GABRA3	0.274182	?	?	?	0.654142	0.65395	-1.52917	0.356807	0.408383	-2.44868	0.442423	2.09404	2.09404	0.204716	0.280949	-3.55937	?	?	?	0.0849131	6.17764	6.17764	0.838704	1.21144	1.21144	0.173822	3.95306	3.95306	1.60359	17.1191	10.6755	1
cg01512589	PTCH1;PTCH1	0.274184	0.038122	0.623008	-1.60512	0.928285	1.01788	1.01788	0.887362	0.972483	-1.0283	0.715413	0.930448	-1.07475	0.959879	0.990145	-1.00995	0.73496	0.935292	-1.06918	0.631313	0.909201	-1.09987	0.0228117	0.584867	-1.70979	0.72681	1.07149	1.07149	1.54948	0.951176	0.54566	1
cg02620939	PLD1;PLD1	0.274185	0.91294	0.985773	-1.01443	0.979174	0.996586	-1.00343	0.922642	0.987355	-1.01281	0.647713	1.06213	1.06213	0.0616682	1.31755	1.31755	0.267888	1.16325	1.16325	0.533733	0.920737	-1.08609	0.0893444	0.78236	-1.27818	0.162045	1.21605	1.21605	1.54948	0.421282	0.241677	1
cg17951368	NUCB2	0.274189	0.209183	1.20294	1.20294	0.270273	1.17377	1.17377	0.177713	1.22132	1.22132	0.147084	1.24257	1.24257	0.121794	1.26379	1.26379	0.342291	1.14634	1.14634	0.0218837	1.46804	1.46804	0.274834	1.17185	1.17185	0.322128	1.15346	1.15346	1.54947	0.478113	0.274281	1
cg21201603	PRUNE2	0.274192	0.200613	0.38751	-2.58058	0.235238	0.417931	-2.39274	0.0845	0.262306	-3.81235	0.73024	0.784473	-1.27474	0.040262	0.189799	-5.26874	0.230076	0.413509	-2.41833	0.582943	0.677804	-1.47535	0.061996	0.229064	-4.36559	0.426363	0.56575	-1.76756	1.54945	12.0692	6.92386	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 637 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg02627280	LASS6	0.274195	0.12605	1.7692	0.02812111	2.4444	2.4444	0.6583697	1.16558	1.16558	0.7838848	1.08842	1.08842	0.584669	0.82676	1.20956	0.435271	1.3157	1.3157	0.352182	1.39096	1.39096	0.500596	0.790063	1.38353	1.54845	2.915227	1.67244	1
cg18729787	B3GALT4	0.274198	0.807473	0.958299	-1.04352	0.7705137	1.90234	1.90234	0.842151	1.37587	1.37587	0.272435	1.45854	1.45854	0.671551	0.949558	1.05312	0.202776	1.55936	1.55936	0.103345	0.555076	-1.80156	0.560835	1.21447	1.21447	0.359176	0.732436	-1.36531	1.54943	2.67905	1.53694	1
cg00577167	ALDOB	0.274205	0.135936	0.424105	-2.35791	0.1840552	0.471304	-2.12177	0.091024	0.370185	-2.70135	0.369497	0.611404	-1.63558	0.187446	0.474362	-2.10809	0.31302	0.572882	-1.74556	0.0699349	0.338995	-2.9499	0.475815	0.679044	-1.47266	0.0515541	0.305571	-3.27256	5.64941	6.99296	4.01182	1
cg23042151	UBASH3A;UBASH3A	0.274207	0.789153	1.13343	1.13343	0.779009	1.1405	1.1405	0.862088	0.921958	-1.08445	0.886964	0.935694	-1.06872	0.553227	0.756755	-1.32153	0.01845	0.262952	-3.80297	0.640159	1.2461	1.2461	0.399809	1.45598	1.49598	0.122383	0.457324	-2.18663	5.04941	5.35896	3.07442	1
cg24221853	CHST8;CHST8;CHST8	0.274207	0.491736	0.803289	-1.24488	0.578911	0.838751	-1.19225	0.746277	0.903183	-1.10719	0.665494	0.872461	-1.14618	0.482946	0.799593	-1.25064	0.179274	0.639246	-1.56434	0.0027969	0.355072	-2.81633	0.235302	0.676955	-1.4772	0.367894	0.748182	-1.33657	5.4944	2.4143	1.38508	1
cg11058707	NSUN5B;NSUN5B;NSUN5B PTPRD;PTPRD;PTPRD;PTPRD;PTPRD;PT	0.274216	0.510316	0.815141	-1.37434	0.168355	0.702389	-1.42371	0.300549	1.29455	1.29455	0.245204	1.33981	1.33981	0.205468	0.72509	-1.37914	0.138053	0.680926	-1.46859	0.664968	0.900453	-1.11055	0.141607	0.683617	-1.46281	0.497064	1.18049	1.18049	0.54938	1.42116	0.815333	1
cg14048460	PRD	0.274219	0.602346	0.753602	-1.32696	0.0634389	0.32524	-3.07465	0.164982	0.450633	-2.2191	0.5664	1.36601	1.36601	0.177696	0.462622	-2.16159	0.975064	1.01696	1.01696	0.522037	0.705249	-1.41794	0.271732	1.85096	1.85096	0.253362	1.90021	1.90021	1.54937	7.10638	4.07701	1
cg16317947	KLC1;KLC1;KLC1	0.274226	0.419223	2.16753	2.16753	0.0150774	16.4379	16.4379	0.0518911	7.95086	7.95086	0.723665	1.39477	1.39477	0.373683	1.16084	1.16084	0.845099	1.20122	1.20122	0.640506	1.54457	1.54457	0.688282	1.45936	1.45936	0.933359	1.08154	1.08154	1.94934	21.5567	12.3675	1
cg11355215	SNAP25;SNAP25	0.274231	0.756882	1.35984	1.35984	0.0606074	8.43818	8.43818	0.216609	3.65623	3.65623	0.0812659	6.98032	6.98032	0.115062	5.56996	5.56996	0.0884108	6.60979	6.60979	0.650371	0.636426	-1.57127	0.429338	2.22707	2.22707	0.501628	1.96646	1.96646	1.59986	24.2785	11.8031	1
cg20390349	PDZD4	0.274236	0.731427	1.19052	1.19052	0.1734126	1.11313	1.11313	0.277522	2.789057	2.789057	0.136071	2.204709	1.47534	1.47534	0.0123703	0.482953	-2.07076	0.335042	1.79412	1.79412	-1.33488	0.2636057	0.712804	-1.40293	0.352409	0.912334	-1.37751	1.54931	2.07135	1.1884	1
cg00331551	MGRN1;MGRN1;MGRN1;MGRN1	0.274236	0.685906	1.39006	1.39006	0.1849731	10.1167	10.1167	0.0433889	6.56582	6.56582	0.8060112	1.22056	1.22056	0.9764	1.02425	1.02425	0.84399	1.17305	1.17305	0.727488	1.32762	1.32762	0.458324	1.84363	1.84363	0.893072	0.896781	-1.11551	1.54931	16.1016	9.23802	1
cg24951396	DHX37	0.274237	0.627798	0.618156	-1.61773	0.6600392	0.594287	-1.68269	0.128785	0.198659	-5.03384	0.123383	0.193365	-5.17156	0.8920207	0.874819	-1.14309	0.791801	0.770688	-1.29754	0.6715242	0.653092	-1.53186	0.0732881	0.714417	1.714417	0.212873	3.63881	3.63881	1.5493	23.7851	13.6463	1
cg08807995	SDLH	0.274239	0.365221	1.445566	-2.24343	0.317924	0.404566	-1.40178	0.75512	0.76013	-1.31556	0.2059313	0.310471	-3.22091	0.0254287	0.097446	-10.2621	0.074237	0.174862	-5.71878	0.3753443	0.450417	-2.22016	0.936452	0.932486	-1.0724	0.1262148	0.234429	-4.26569	1.5493	18.8556	10.8181	1
cg16346588	ZMYND11;ZMYND11;ZMYND11	0.274242	0.424326	0.856151	-1.16802	0.600274	1.10588	1.10588	0.189953	0.716958	-1.39478	0.527614	0.885311	-1.12955	0.0566253	0.663174	-1.5079	0.554904	0.892548	-1.12039	0.144061	1.34814	1.34814	0.988693	0.997306	-1.0027	0.27334	0.804941	-1.24233	1.54929	0.88899	0.510049	1
cg04912999	FAQ89	0.274244	0.498073	0.803549	-1.15801	0.372644	0.822658	-1.21557	0.189818	1.34472	1.34472	0.130752	1.710423	-1.40761	0.191128	1.744483	-1.34326	0.958196	0.98642	-1.01377	0.929671	0.934882	-1.06965	0.233067	0.765911	-1.30563	0.226192	0.762583	-1.31133	1.54928	1.1162	0.640418	1
cg17462478	SYF2;SYF2	0.274247	0.0587006	0.426339	-2.34555	0.0872182	0.471832	-2.1194	?	?	?	0.817199	1.09495	1.09495	?	?	?	0.19749	0.583833	-1.71282	0.583053	1.24291	1.24291	0.579219	0.802741	-1.24573	0.374791	0.698925	-1.43077	1.60334	2.96592	1.84984	1
cg10804726	DNAJ2;DNAJ2	0.274248	0.193167	0.893905	-1.55935	0.083754	0.474416	-2.10785	0.504109	1.5874	1.5874	0.805919	0.845326	-1.1827	0.30591	0.485487	-2.05979	0.577184	0.682193	-1.46601	0.108415	0.909088	-3.29917	0.0713283	3.94693	3.94693	0.457684	0.59719	-1.67451	1.54927	11.4009	6.54126	1
cg15171982	NCKAP1;NCKAP1	0.274251	0.0484452	0.842	1.80242	0.179459	0.145054	1.45054	0.328034	0.18128	2.284573	1.33637	1.33637	0.178282	1.45254	1.45254	0.358196	0.98642	-1.01377	0.299674	0.755507	-1.32361	0.439193	1.22851	1.22851	0.135199	1.52204	1.52204	1.54926	1.6695	0.95788	1
cg11536410	MMP15	0.274254	0.900597	1.08254	1.08254	0.206425	0.429223	-2.32979	0.133331	0.357828	-2.79464	0.980769	1.01542	1.01542	0.0254228	0.185278	-5.39728	0.454295	0.61647	-1.62214	0.0871901	0.3016111	-3.31553	0.536182	0.671955	-1.4882	0.3117168	0.514717	-1.94281	5.4925	9.88331	5.6706	1
cg04504043	ELF1;ELF1	0.274257	0.664749	0.89072	-1.1122	0.424684	1.13562	1.13562	0.113387	0.659091	-1.51724	0.303755	0.772915	-1.29398	0.282682	1.309911	1.309911	0.248549	1.13869	1.13869	0.0844061	1.58646	1.58646	0.521605	1.1701	1.1701	0.444014	0.828022	-1.2077	1.54924	1.143494	0.82331	1
cg08038409	FAM110A;FAM110A;FAM110A	0.274264	0.235897	0.760528	-1.31488	0.436138	1.19135	1.19135	0.108942	1.47001	1.47001	0.59424	1.1258	1.1258	0.0853004	1.69594	1.69594	0.6559	0.905891	-1.10389	0.269295	1.28857	1.28857	0.461309	1.17973	1.17973	0.363442	1.22856	1.22856	1.54921	1.19169	0.683752	1
cg07566225	MEAF6	0.274265	0.793366	0.915169	-1.09315	0.6490361	1.28588	1.28588	0.0833876	2.82694	2.82694	0.0570299	1.04422	1.04422	0.964719	1.01486	1.01486	0.0482865	2.12265	2.12265	0.4403896	1.39966	1.39966	0.0528664	1.82373	1.82373	0.5491	1.82946	1.82946	1.04976	1.56021	0.53501	1
cg24685601	UBXN10	0.274272	0.101538	1.13747	5.13747	0.318572	2.5627	2.5627	0.958518	1.04863	1.04863	0.321338	2.54808	2.54808	0.597261	0.614621	-1.62702	0.120189	0.465936	-4.65936	0.787419	1.27986	1.27986	0.0281105	0.67152	1.67152	0.356065	0.37879	2.37879	1.54919	20.4477	11.7324	1
cg24327723	OAZ2	0.274271	0.477109	1.00014	1.00014	0.250023	0.705294	-1.41785	0.705354	1.05143	1.05143	0.456477	1.1053	1.1053	0.178791	1.10734	1.10734	0.623432	0.936756	-1.06751	0.888592	1.01868	1.01868	0.405218	1.11899	1.11899	0.132629	0.807169	-1.2389	1.54918	0.427623	0.245361	1
cg26950467	FGF13;FGF13;FGF13;FGF13;FGF1 3	0.274282	0.11476	0.370629	-2.69811	0.177328	0.436167	-2.2927	0.302042	0.538618	-1.8566	0.0720747	0.19578	3.19578	0.435466	0.630095	-1.5848	0.246503	0.495929	-2.01642	0.933493	1.04953	1.04953	0.79718	1.17665	1.17665	0.735427	1.21686	1.21686	1.54915	8.2167	4.71466	1
cg02157467	INSM2	0.274282	0.257709	0.665673	-1.59323	0.193824	0.647337	-1.54437	0.767387	0.893757	-1.11887	0.425724	0.736919	-1.357	0.1533	0.896258	-1.11597	0.157534	0.566328	-1.76554	0.196058	0.598625	-1.67049	0.125478	1.86331	1.86331	0.897203	1.00983	1.00983	1.54915	3.64614	2.3831	1
cg07449862	LRP1	0.274285	0.76402	1.23231	1.23231	0.0819072	1.8095	1.8095	0.124395	3.17188	3.17188	0.859041	1.13126	1.13126	0.125127	0.316093	3.16363	0.158186	0.35108	-2.84835	0.690323	0.757407	-1.32029	0.920198	1.072	1.072	0.9908	1.00803	1.00803	1.54914	11.8105	6.77678	1
cg24278138	XKR6	0.274287	0.791215	0.95844	-1.04336	0.408141	1.14495	1.14495	0.221127	1.22848	1.22848	0.985603	0.997117	-1.00289	0.224378	1.22653	1.22653	0.150815	0.78166	-1.27933	0.851404	1.03046	1.03046	0.191466	1.24764	1.24764	0.049612	1.43097	1.43097	1.54914	0.627991	0.360339	1
cg26870941	BAT5;BAT5	0.274288	0.576462	0.857742	-1.16595	0.129945	1.11858	1.11858	0.0810721	1.0414	1.0414	0.428	1.75443	1.75443	0.0483	0.570247	-1.75382	0.236107	0.81074	-1.23346	0.4744	0.670252	1.49255	0.029829	0.882033	0.882033	0.0753	0.703144	0.703144	1.54913	2.70344	1.40243	1
cg18806716	MAP3K8	0.274289	0.665792	0.803642	-1.24433	0.196559	0.224554	2.22454	0.0264	0.366962	0.629299	-1.58907	0.168471	2.09217	0.29217	0.532541	0.73903	-1.35312	0.296902	1.72292	1.72292	0.120218	2.33473	0.395453	2.5128	2.5128	0.4035	1.5373	1.5373	1.54913	6.20847	3.56241	1
cg12990193	TBC1D5;TBC1D5;TBC1D5	0.274290	0.646384	1.15214	1.15214	0.1666306	0.613222	1.63078	0.0813805	1.63073	1.63073	0.169373	1.0024	1.0024	0.948188	1.45209	1.45209	0.0482865	2.12265	2.12265	0.4403896	1.39966	1.39966	0.0528664	1.82373	1.82373	0.5491	1.82946	1.82946	1.04976	1.56021	0.53501	1
cg08572040	RSRC2;RSRC2;RSRC2;XNTC1;XNTC1	0.274293	0.501165	1.22862	1.22862	0.543266	1.20388	1.20388	0.332502	1.35185	1.35185	0.731813	1.10931	1.10931	0.0470564	1.98451	1.98451	0.08516612	1.77532	1.77532	0.18969	0.65776	-1.52031	0.512184	0.818349	-1.22197	0.797034	1.08082	1.08082	1.54912	2.23117	1.28025	1
cg21160824	NUP188;DOLK	0.274294	0.458346	0.831863	-1.20212	0.786944	1.16827	1.16827	0.406924	1.22976	1.22976	0.310685	0.774363	-1.29138	0.0774881	0.616431	-1.62224	0.153736	1.4423	1.4423	0.694444	0.90824	-1.10103	0.083589	0.626974	-1.59496	0.737654	0.921315	-1.08541	1.54911	1.45808	0.836654	1
cg00353006	ARHGAP2;PACSIN3	0.274297	0.937447	0.894169	-1.11855	0.4709351	1.49033	1.49033	0.170377	1.49033	1.49033	0.17097	1.48897	1.48897	0.899333	1.03516	1.03516	0.337251	0.763258	-1.31017	0.341156	0.765202	1.30684	0.242462	1.3966	1.3966	0.052864	1.82373	1.82373	1.5491	1.82946	1.04976	1
cg00335297	RBMY1F;RBMY2P	0.274302	0.15405	3.72085	3.72085	0.411178	0.484997	-2.06187	?	?	?	0.0409069	0.131086	-7.62861	0.59709	0.631701	-1.58303	0.67903	1.43088	1.43088	0.356493	2.26287	2.26287	0.484374	1.84305	1.84305	0.86324	1.16004	1.16004	1.55159	16.1959	10.4383	1
cg19957119	LTS2	0.274303	0.807881	1.16483	1.16483	0.112234	2.95373	2.95373	0.125623	2.8238	2.8238	0.288474	1.99404	1.99404	0.797997	0.851606	-1.17425	0.281611	2.44644	2.44644	0.0936488	1.17582	1.17582	0.0777183	1.41418	1.41418	0.104568	2.03785	2.03785	1.5491	9.62385	5.52231	1
cg03621488	BP	0.27431	0.984084	0.992571	-1.00748	0.0389639	2.39139	2.44339	0.3715	0.709637	-1.40917	0.713059	1.14806	1.14806	0.0782164	0.481238	-2.07797	0.998146	1.00557	1.00557	0.943498	1.07646	1.07646	0.776851	0.655222	-1.5252	0.849787	0.931579	-1.07345	1.54906	3.34317	1.95717	1
cg03182551	MLLT1	0.274311	0.556205	1.16362	1.16362	0.112234	2.95373	2.95373	0.125623	2.8238	2.8238	0.288474	1.99404	1.99404	0.797997	0.851606	-1.17425	0.196626	2.17026	2.17026	0.2482093	0.99146	-1.00861	0.983429	0.574161	-1.74167	0.173262	0.567411	-1.76229	1.54906	3.79136	2.27558	1
cg23530543	HEPN1	0.274312	0.230438	0.578864	-1.72752	0.22669	0.750258	-1.73593	0.501676	0.743562	-1.34488	0.7026	0.864459	-1.18139	0.0539501	0.386497	-2.58734	0.225005	0.57479	-1.73977	0.521177	1.32559	1.32559	0.255127	1.67575	1.67575	0.388252	1.4685	1.4685	1.54905	4.63224	2.6581	1
cg09528111	S1	0.274313	0.190645	0.848633	-1.17837	0.210672	1.16907	1.16907	0.877047	0.981831	-1.01851	0.417007	0.906433	-1.10322	0.640247	1.05733	1.05733	0.11891	0.818359	-1.22196	0.711433	0.956947	-1.04499	0.121205	0.819542	-1.22019	0.197573	1.17505	1.17505	1.54905	0.344127	0.19747	1
cg16272125	EPN4;EPN4	0.274314	0.664374	0.854824	-1.17005	0.25706	0.799586	1.25065	0.0557	0.833665	-1.19952	0.565805	0.803627	-1.24436	0.0781477	0.473267	-2.11287	0.0549122	0.41981	-2.38045	0.4215283	1.0498	1.0498	0.963175	0.733996	-1.36281	0.0778	0.731447	1.36781	1.54904	3.56512	1.70483	1
cg05956183	CUEDC2	0.274314	0.396115	2.12075	2.12075	0.655082	1.10401	1.10401	0.100693	1.48662	1.48662	0.192282	0.73807	-1.3548	0.20054	1.34654	1.34654	0.216854	1.33103	1.33103	0.24444	0.755162	-1.32422	0.562362	0.87906	-1.13758	0.368426	1.12544	1.12544	1.54904	1.18812	0.681782	1
cg14661644	USP6NL;USP6NL	0.274317	0.768946	1.14517	1.14517	0.0660112	0.3871	-2.58331	0.332518	0.631265	-1.58412	0.617676	1.26058	1.26058	0.0874873	0.419748	-2.38238	0.280472	1.67573	1.67573	0.533458	1.33675	1.33675	0.735725	1.1687	1.1687	0.248212	0.573792	-1.74239	1.54904	5.19522	2.98119	1
cg04567334	CDH23	0.274319	0.615254	0.857742	-1.16595	0.129945	1.11858	1.11858	0.0810721	1.0414	1.0414	0.428	1.75443	1.75443	0.0483	0.570247	-1.75382	0.156503	0.81074	-1.23346	0.4744	0.670252	1.49255	0.029829	0.882033	0.882033	0.0753	0.703144	0.703144	1.54903	2.70344	1.40243	1
cg13408086	EXD3	0.274319	0.265843	0.569482	-1.75598	0.283278	0.581961	-1.71833	0.0895721	0.402979	-2.48152	0.383136	0.647727	-1.54386	0.552959	0.747168	-1.33839	0.391203	0.65272	-1.53205	0.29191	1.70066	1.70066	0.169524	2.03525	2.03525	0.178608	2.499609	-2.00157	1.54903	5.78498	3.31963	1
cg11869233	MSH6	0.274319	0.544116	1.37997	1.37997	0.0506549	3.2161	3.2161	0.516396	1.41217	1.41217	0.398149	0.635218	-1.57426	0.107336	2.51418	2.51418	0.986168	0.990948	-1.00913	0.331796	0.591426	-1.69083	0.42419	1.5344	1.5344	0.154326	2.22514	2.22514	1.54903	6.75042	3.87364	1
cg14429394	AP2;PGAP2;PGAP2	0.274321	0.529063	1.06075	1.06075	0.565677	0.164159	-6.22824	0.29136	0.106523	1.06523	0.349027	0.539474	-1.85616	0.119269	0.338828	-2.95135	0.443406	1.13235	1.13235	0.0802852	1.36154	1.36154	0.0602277	1.4009	1.4009	0.710135	0.942346	-1.06118	1.54902	0.620671	0.356166	1
cg01809377	XRRA1;XRRA1;SPCS2	0.274324	0.371886	1.26443	1.26443	0.251263	1.16514	1.16514	0.170793	1.69033	1.69033	0.0809	1.08909	1.08909	0.600956	1.16294	1.16294	0.253897	0.79378	-1.26015	0.0860992	0.623778	1.60278	1.60278	0.0237032	0.550615	-1.81655	0.0810695	1.14972	1.14972	1.54901	1.1981	0.687469	1
cg11330108	BCL2;BCL2	0.274325	0.0806755	0.450131	-2.22157	0.152422	1.87405	1.87405	0.153986	1.86886	1.86886	0.312682	1.53051	1.53051	0.284089	0.635205	-1.5743	0.623559	1.22238	1.22238	0.800605	0.902454	-1.10809	0.499697	1.32104	1.32104	0.618509	0.815638	-1.22603	1.59952	4.07639	1.98217	1
cg14704780	C6orf10	0.274333	0.31703	0.45389	-2.20319	0.168166	3.06966	3.06966	0.404791	0.917337	1.91737	0.844372	1.15966	1.15966	0.0184957	0.152165	-6.57383	0.46788	1.75782	1.75782	0.400371	0.918204	1.09255	0.445533	0.552186	-1.81098	0.176203	0.793942	-1.25954	1.54899	14.3869	8.21001	1
cg08455031	MGA2	0.274335	0.79597	-1.09471	-1.09114	0.126452	1.7446	1.7446	0.430196	0.762573	-1.31135	0.0684885	1.98682	1.98682	0.596556	0.819916	-1.21964	0.632643	1.176	1.176	0.186442	1.60237	1.60237	0.455205	0.774109	-1.29181	0.158848	1.66021	1.66021	1.54897	2.77992	1.59528	1
cg14592024	OUT;OUT;OUT;OUT	0.274347	0.500025	0.772915	-1.2938	0.867166	1.06501	1.06501	0.187481	1.69147	1.69147	0.163362	0.571362	-1.7502	0.597337	1.2221	1.2221	0.500615	0.773197	-1.29133	0.0433314	2.3974	2.3974	0.751766	1.12682	1.12682	0.257968	1.55914	1.55914	1.54894	3.47282	1.99295	1
cg08132116	NCN1	0.274352	0.145652	0.63582	-1.57301	0.0763124	0.696384	1.43594	0.0997744	1.04715	1.04715	0.0607477	1.04115	1.04115	0.0075144	0.860357	-1.16227	0.0605138	0.600538	-1.66517	0.0205134	1.13121	1.13121	0.0904242	1.56015	1.56015	0.11321	1.59929	1.59929	1.54894	0.79172	0.463759	1
cg11944933	FAM167A CCL13A1;CCL13A1;CCL13A1;CCL13A1; CCL13A1;CCL13A1;CCL13A1;CCL13A1;	0.274357	0.576555	1.19099	1.19099	0.145652	1.62258	1.62258	0.20693	1.52002	1.52002	0.498814	1.23704	1.23704	0.971944	1.01096	1.01096	0.2126	1.50188	1.50188	0.0500099	1.99853	1.99853	0.162082	0.629717	-1.58802	0.941718	1.02291	1.02291	1.5489	2.35457	1.35125	1
cg11709765	CCL13A1;CCL13A1;CCL13A1	0.274357	0.163599	0.38607	-2.5902	0.454683	0.614159	-1.62824	0.92139	1.06523	1.06523	0.349027	0.539474	-1.85616	0.119269	0.338828	-2.95135	0.201777	0.421942	-2.37	0.0349352	0.207334	-4.82313	0.126139	0.346675	-2.88454	0.154451	0.376905	-2.65319	1.5489	10.0531	5.76928	1
cg18673825	F2RL2	0.274357	0.609555	1.13153	1.13153	0.159704	0.716448	-1.39585	0.422755	1.10514	1.10514	0.192787	0.707387	1.0668	0.0349525	0.540448	-1.82866	0.882305	1.10546	1.10546	0.0861069	0.59307	1.59307	0.0833965	1.06316	1.06316	0.81762	0.944846	-1.05837	1.5489	1.47977	0.849213	1
cg04593696	SLC38A8	0.274364	0.951813	0.989138	-1.01098	0.0349817	0.641446	-1.55898	0.203804	0.784755	-1.27428	0.648996	1.08634	1.08634	0.177647	0.771903	-1.2955	0.827843	1.04014	1.04014	0.173468	1.29918	1.29918	0.824755	1.04089	1.04089	0.87428	0.97179	-1.02903	1.54888	0.801158	0.459778	1
cg25005422	TMS5F1;TMS5F1	0.274365	0.417188	0.848847	-1.17837	0.467917	0.67718	1.51718	0.431823	0.849476	-1.1772	0.629458	0.916638	-1.09161	0.0558537	0.889029	-1.12464	0.207583	0.603162	-1.65793	0.1134464	0.701488	-1.42553	0.0923	0.702388	1.423	0.0938	0.701488	1.42553	1.54887	1.24797	0.54888	0.549993	1
cg16986977	MTMR2;MTMR2;MTMR2;MTMR2 TBRG4;SNORA5C;SNORA5A;TBRG4;TBR G4	0.274365	0.347144	1.12291	1.12292	0.407736	1.10673	1.10673	0.71244	0.956634	-1.04533	0.838318	0.97583	-1.02477	0.0399911	1.32879	1.32879	0.273117	1.14635	1.14635	0.120616	0.817422	-1.22336	0.910358	1.03137	1.03137	0.294282	1.13913	1.13913	1.54887	0.3518	0.201896	1
cg03948437	G4	0.274369	0.233868	0.524379	-1.90702	0.585795	0.752298	-1.32926	0.948019	1.0343	1.0343	0.194812	0.491961	-2.03268	0.284486	0.562658	-1.77728	0.0195787	0.232455	-4.30192	0.606067	0.764088	-1.30875	0.983049	0.989071	-1.01105	0.0877679	0.377297	-2.65043	1.54886	6.56302	3.76651	1
cg21141587	C3orf20	0.274369	0.257729	2.30714	2.30714	0.656963	0.728776	-1.37216	0.0436942	0.193725	-5.16206	0.450942	0.580599	-1.72236	0.585539	0.675774	-1.47978	0.598572	1.45651	1.45651	0.578208	1.48821	1.48821	0.620379	1.42394	1.42394	0.0842499	0.258708	-3.86536	1.54886	12.291	7.05377	1
cg15608153	TBC1D28;TBC1D28	0.274373	0.188703	0.877767	-1.13925	0.424258	0.644244	-1.5794	0.251548	0.8693911	-1.11868	0.8818873	0.93781	-1.06591	0.197981	0.744741	-1.3428	0.0600442	0.680259	-1.47019	0.0815966	0.718919	1.38919	0.744741	1.0909877	-1.03106	0.902824	1.00256	1.4658807	0.932872	-1.07196	1.54885	0.21501	0.123395	1
cg22990158	ADCY4	0.274373	0.490661	1.61691	1.61691	0.226816

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Error
8121546611	PDGFRL	0.274603	0.467207	0.589164	-1.69733	0.1046534	0.171823	-5.81894	0.0553813	0.211619	4.72547	0.422676	0.55673	-1.7952	0.427015	0.559908	-1.78601	0.672751	0.669719	0.73577	-1.93912	0.601862	0.686302	-1.45708	0.5346071	0.6244442	-1.60143	0.2690212	2.27786	2.27786	1.54808	12.5388	7.19966	1
6629250009	ELMOD2	0.274605	0.679699	1.08679	1.078597	0.94506	-1.05813	0.251978	1.27114	1.271114	0.175478	0.749143	-1.33486	0.240787	1.27915	1.279115			0.566723	1.1231	1.1231	0.1081412	0.617675	-1.61897	0.650717	1.09568	1.09568	0.6603308	1.09271	1.09271	1.54807	0.9854408	0.565812	1
6199272661	BPHL;BPHL;BPHL;BPHL	0.274608	0.216943	0.726738	-1.37601	0.417666	1.22568	1.22568	0.692285	0.906893	-1.10267	0.96094	0.98804	-1.01211	0.9230643	0.512901	-1.94969		0.892072	1.03192	1.03192	0.231082	1.36158	1.36158	0.990883	0.997197	-1.00281	0.9779442	0.800701	-1.24891	0.154806	1.48004	0.8498631	1
6115272795	TTLL11;TTLL11	0.274611	0.719364	0.8948222	1.11794	0.5565219	0.840037	-1.1856	0.198963	1.50191	1.50191	0.534618	1.20738	1.207381	0.2864845	0.716706	-1.39517		0.8096097	0.582259	-1.71703	0.164836	0.643445	-1.55898	0.9373	1.02386	1.023862	0.139192	1.61114	1.61114	1.54805	2.20161	1.26416	1
6134420344	PDE7B	0.274615	0.635083	1.3504	1.3504	0.2020959	5.80176	5.80176	0.0322103	4.8364	4.8364	0.749169	1.22332	0.830868	1.14385	1.14385			0.698734	1.27682	1.27682	0.572573	1.43086	1.43086	0.69739	1.2781	1.2781	0.436044	1.64757	1.64757	1.54804	0.67996	1.55828	1
6009974149	MIS12;MIS12	0.274743	0.734471	1.07547	1.07547	0.0985819	1.47727	1.47727	0.274163	1.27528	1.27528	0.808759	1.05318	1.053181	0.942680	1.01548	1.01548		1.32428	0.804492	-1.24302	0.0533192	0.625556	-1.59858	0.31745	1.24713	1.24713	0.574876	1.12874	1.12874	1.54803	1.197	0.6429391	1
6170392622	SETD4;SETD4	0.274619	0.965765	0.96516	-1.0361	0.0807379	4.9541	4.9541	0.34446	2.23576	2.23576	0.623341	0.66432	-1.5053	0.0395954	0.139958	-7.145		0.68006	1.40862	1.40862	0.435957	0.518569	-1.92838	0.734465	1.32484	1.32484	0.612141	1.5257	1.5257	1.54802	16.7371	9.61058	1
6115371555	DPP6;DPP6;DPP6	0.274620	0.198432	0.277157	-3.60805	0.1431184	0.719715	-1.36299	0.553774	1.24641	1.24641	0.46143	0.76125	1.33338	1.333338	0.6733021	0.515626	-1.93916	0.603947	0.610134	-1.63898	0.6547	0.653218	-1.53004	0.6455217	1.54802	1.54802	0.0180236	0.104661	-9.55463	1.54802	21.854	12.5487	1
6143177122	GRIN1;GRIN1;GRIN1	0.274623	0.108669	0.413352	-2.41985	0.2387514	0.78514	-1.27366	0.805774	0.883226	-1.13221	0.128867	0.43738	-2.28634	0.503986	0.7230148	-1.37682		0.445549	0.675812	-1.4797	0.0856362	0.389292	-2.60471	0.0291833	0.273895	-3.65103	0.241268	0.538964	-1.85541	1.54801	0.224499	0.157448	1
6011652203	DNAIC12;DNAIC12	0.274625	0.310254	0.858356	-1.16502	0.687497	0.942872	-1.06059	0.0301677	0.690147	-1.44897	0.81437	1.03481	1.03481	0.529641	0.91153	-1.09706		0.144291	1.25628	1.25628	0.452939	1.11765	1.11765	0.753869	0.955275	-1.04682	0.3194892	0.861004	-1.16143	1.548	0.5188822	0.2979116	1
6120423183	MYH9	0.274626	0.677799	0.904915	-1.10507	0.7734	0.921283	-1.08514	0.222629	0.852488	1.173	0.732154	0.644292	0.7894784	-1.26705	0.743824	1.344	0.7439	0.278104	0.763619	-1.30955	0.0944211	0.435232	-2.29672	0.806355	0.839246	-1.06039	0.3582962	0.797814	-1.25343	1.548	1.40183	0.8049456	1
6125107691	LDB1	0.274627	0.287314	0.730589	-1.36876	0.857642	1.05234	1.05234	0.515694	1.20594	1.20594	0.32354	0.0213671	0.455763	-2.19412				0.586055	1.1691	1.1691	0.440116	0.799557	-1.25069	0.758525	1.09156	1.09156	0.329141	1.3313	1.3313	1.548	1.97917	1.13648	1
6100678668	SAMD4A;SAMD4A;SAMD4A	0.274631	0.336877	0.794601	-1.27453	0.832739	0.940507	1.06318	0.731854	1.06025	1.06025	0.660253	-1.55457	0.502885	1.38125	1.38125	0.883979	0.964859	-1.03642																1.54802	0.844982	1
6110196158	GTF3C1	0.274631	0.177157	0.574867	-1.73953	0.559992	0.796543	-1.25543	0.506254	0.70828	-1.29731	0.323524	1.48222	-2.94538	0.625663	-1.59			0.745536	1.13509	1.13509	0.0615515	0.390473	-2.561	0.35116	1.44824	1.44824	0.2386397	0.709855	-1.40874	1.54798	3.652	2.09707	1
6118396424	NAV2;NAV2;NAV2	0.274643	0.128405	0.192773	-5.18746	0.465265	0.457104	-2.1052	0.611414	1.67069	1.67069	0.37205	0.3995542	-2.50287	0.6096227	0.130981	-7.63468		0.168247	0.229726	-4.353	0.07038	0.132387	-7.55351	0.196235	0.254391	-3.93095	0.176385	0.236688	-4.21963	1.54794	24.5998	14.1262	1
6108838621	C2orf39	0.274674	0.546133	1.83038	1.537626	1.79196	1.36018	0.951564	1.003	1.00313	0.700549	1.07164	0.78683	-1.27092	0.7005549	0.37164	-2.69078		0.139815	2.1737	2.1737	0.549564	0.743855	-1.34435	0.114881	2.19841	2.19841	0.7272424	1.18651	1.18651	1.54793	5.85538	3.36241	1
6125085823	CKorf65;IL2RG;CKorf65	0.274647	0.534836	1.43875	1.43875	0.2063227	0.462161	-2.16375	0.204361	0.460618	-2.171	0.72826	0.8172	-1.22369	0.0256344	0.215587	-4.6385		0.23098	2.06934	2.06934	0.878186	0.915057	-1.09283	0.918468	0.942462	-1.06105	0.891791	0.924247	-1.08196	1.54793	8.21192	4.71564	1
6043939883	HSD3B7;HSD3B7;HSD3B7	0.274648	0.117205	0.696623	-2.52128	0.5624002	0.727401	-1.37476	0.770377	0.852953	-1.1724	0.64826	0.7792	-1.28355	0.6542251	0.505162	-1.97955	0.116371	0.196315	-2.52404	0.0384746	0.313425	-3.19055	0.240811	0.3574923	-2.79936	0.138086	0.41991	-2.38146	1.54793	7.23984	4.15744	1
6126972166	SAMD8	0.274651	0.36779	1.58239	1.58239	1.28204	1.74122	1.74122	0.492772	1.41228	1.4128	0.819402	1.54205	0.2792224	1.74734	1.74734			0.151537	2.1432	2.1432	0.262403	1.78551	1.78551	0.01703065	2.42393	2.42393	0.1015363	2.4069	2.4069	1.54791	0.033333	3.46464	1
6025827754	MAS1	0.274654	0.172167	0.195621	-5.11192	0.370553	0.35617	-2.80765	0.712009	1.51634	1.51634	0.131279	0.160543	-6.22885	0.0580343	0.0902249	-11.0834		0.26489	0.272189	-3.68611	0.157698	0.183399	-5.4526	0.149356	0.176265	-5.67326	0.107547	0.139195	-7.18418	1.54791	30.9018	17.7454	1
6008505552	SUMO3	0.274657	0.121623	0.278978	-3.58452	0.4106952	0.182217	-1.88227	0.737949	1.29103	1.29103	0.284383	0.429131	-2.33028	0.0731189	0.328009	-3.04952	0.240728	0.340728	0.858068	-1.16541	0.274849	0.219952	-4.56512	0.845033	0.8408387	-1.15998	0.192717	0.350371	-2.85411	1.5479	3.84725	1.84725	1
6126863324	DDX52;DDX52;DDX52	0.274661	0.08095355	0.61881	3.631881	0.743292	1.24341	1.24341	0.657581	0.751611	-1.33048	7	7	7	7	7	7	7	0.083193	3.56713	3.56713	7	7	7	0.255442	0.462971	-2.15996	0.915188	0.939225	-1.07041	1.66895	7.98463	4.10076	1
6127753124	IER2;ST410	0.274662	0.063008	0.485606	-2.05917	0.738307	0.98227	1.02645	0.0148318	0.731854	1.36675	0.2947	0.29477	0.4280779	0.526534	-1.89921	0.5819	0.2508341	0.143605	0.130472	1.38445	0.1050979	0.124559	-7.02853	0.1364437	0.4545357	-2.20091	0.1647438	0.320031	-3.1247	1.54788	8.84864	4.70227	1
6137518153	ZNF585B;ZNF585B	0.274663	0.687093	0.906682	-1.10292	0.127636	0.671313	-1.48962	0.124405	0.668654	-1.49554	0.42392	0.820716	-1.21845	0.783322	1.06896	1.06896		0.991416	1.00261	1.00261	0.0780928	0.622763	-1.60575	0.0368736	0.556279	-1.79766	0.456215	1.832282	1.20152	1.54788	1.4348	0.8239554	1
6139502104	EIF2B3;EIF2B3;EIF2B3;EIF2B3	0.274671	0.727521	1.19733	1.19733	0.725125	0.833803	-1.19932	0.440277	1.49961	1.49961	0.234288	1.90014	1.900414	0.0104453	0.395944	-2.52561		0.190901	0.490155	-2.04017	0.106434	0.247699	-4.05815	0.148514	0.174496	1.47496	0.379654	1.59044	1.59044	1.54785	6.49824	3.73177	1
6127657713	PLK4	0.274675	0.532426	1.87933	1.879331	0.2509704	0.99148	1.4938	0.0313041	1.81466	1.81466	0.0192842	1.47964	1.3053	0.0026222	0.688997	-1.45107	0.139865	0.178116	2.5138	2.5138	0.0477379	0.402622	0.4907713	0.0602621	0.2497	0.6018881	0.0059253	0.601881	1.16546	0.67984	22.25	12.7633	1
6120548716	SH8G;SAT2;SH8G	0.274675	0.306989	1.12766	1.12766	0.370644	0.11009	1.11009	0.507231	1.07943	1.07943	0.739397	1.03865	1.03865	0.4677284	1.08757	1.08757		0.778111	0.968417	-1.03261	0.0194922	0.725589	-1.37819	0.540779	1.07288	1.07288	0.590618	0.940171	-1.06364	1.54784	0.336372	0.181686	1
6115039414	PPP3R2;LOC100129726	0.274676	0.163826	0.710517	-1.40743	0.3305534	0.783004	1.06306	0.120334	0.853466	1.17185	0.857493	-1.16626	0.2969353	3.367	3.367			0.116371	0.196315	-2.52404	0.0384746	0.313425	-3.19055	0.240811	0.3574923	-2.79936	0.138086	0.41991	-2.38146	1.54793	7.23984	4.15744	1
6036647772	HEATR2	0.274679	0.763158	1.37678	1.37678	0.066504	0.82138	0.82138	0.52436	1.97903	1.97903	0.667513	0.63285	-1.58015	0.835948	0.8030311	-1.24531		0.118831	1.66763	1.66763	-1.59662	0.117124	0.165146	-6.05525	0.428344	0.71	0.499127	2.0035	2.0035	1.54782	27.4413	15.7591	1
6103128802	NRP1;NRP1;NRP1	0.274679	0.65114	0.925257	-1.08078	0.405295	1.1564	1.1564	0.981616	0.996076	-1.00394	0.608989	0.915699	-1.09206	0.363194	1.17282	1.17282		0.385346	1.16402	1.16402	0.0131623	1.68981	1.68981	0.531074	1.11436	1.11436	0.243497	1.23154	1.23154	1.54782	0.719953	0.410011	1
6022515115	KCNK5	0.274683	0.319344	1.75142	1.75142	0.535073	2.28239	1.29828	0.394907	1.43351	1.43351	0.175081	1.12663	1.126631	0.7958482	1.06503	1.06503		0.440015	1.72656	1.72656	1.38754	0.560083	-1.78546	0.38971	0.7710565	1.38754	0.560083	-1.78546	0.38971	0.7710565	1.38754	0.560083	-1.44118	0.517262	0.771055	2.42622	2.43855	1
6127894293	CHMP4B	0.274685	0.210384	0.749531	-1.33417	0.19149	0.739286	-1.35266	0.841981	0.957201	-1.04471	0.26545	1.30391	1.303915	0.4015105	0.847184	-1.18018		0.380023	1.23738	1.23738	0.103502	1.47543	1.47543	0.345957	0.767162	-1.3035	0.392125	0.82571	-1.21108	1.5478	1.16968	0.671735	1
6121551483	TRAPPC9;TRAPPC9	0.274685	0.142539	0.206066	-4.85321	0.2676855	0.146845	-2.62631	0.546142	1.34106	1.34106	0.141844	0.2104106	-4.75059	0.0804835	0.0674042	-14.8342		0.124625	0.276566	-3.61602	0.0320222	0.1031851	-9.69155	0.0723902	-13.8129	0.79748	0.464058	1.4608	1.4608	1.54768	0.5358	0.3092	1
6035349989	SUPT4H;SUPT4H1	0.274691	0.0784099	0.765895	-1.30566	0.123111	1.25754	1.25754	0.940147	0.988808	-1.0103	0.479308	0.90655	-1.10308	0.668245	1.06058	1.06058		0.0722951	1.31472	1.31472	0.897257	0.98253	-1.01778	0.820646	0.969496	-1.03146	0.487602	1.10099	1.10099	1.54778	0.456253	0.262002	1
6127120649	SGCE;PEG10;SGCE;PEG10;SGCE	0.274697	0.893912	1.01861	1.01868	0.0982365	1.28612	1.28612	0.970207	1.0052	1.0052	0.836356	0.97171	-1.02911	0.546611	1.08833	1.08833		0.579981	1.08065	1.08065	0.0114487	1.55119	1.55119	0.601496	1.07585	1.07585	0.549161	1.08773	1.08773	1.54776	0.471905	0.271018	1
6128705115	FLYWCH2;FLYWCH2;FLYWCH2	0.274699	0.289758	1.31687	1.316867	0.2729471	1.24919	1.24919	0.0485944	1.34865	1.34865	0.108081	0.925272	0.8238	0.318364	0.564521	1.86972		0.876421	1.0381	1.0381	0.364042	1.10942	1.10942	0.0858913	1.43578	1.43578	0.043223	1.55766	1.55766	1.54776	0.890286	0.511298	1
6146424207	LRP5	0.274703	0.166078	0.420845	-2.37617	0.0882651	0.332117	-3.01098	0.38591	0.559381	-1.68356	0.457051	0.64156	-1.5587	0.0942936	0.340299	-2.9386		0.403688	0.606065	-1.64999	0.274139	0.513315	-1.94812	0.0257042	0.211682	-4.72406	0.61357	0.741994	-1.34772	1.54774	8.41853	4.83487	1
6016018891	IFI27;IFI27	0.274703	0.952802	1.05287	1.05287	0.1008066	0.182435	-2.08025	0.299611	1.1254	1.1254	0.833271	1.0233	1.023301	0.1539985	1.18144	1.18144		0.137722	0.157192	-1.93352	0.0763178	0.25698	-3.89205	0.0221456	0.0824007	0.523307	0.47454	1.10616	1.10616	1.54774	0.29259	0.160813	1
6120143862	CRLF3;CRLF3	0.274707	0.03107755	0.443553	-2.25452	0.625628	1.1711	1.1711	0.234714	1.49197	1.49197	0.686683	1.13912	1.13912	0.855047	1.0605	1.0605		0.12673	0.588252	-1.69995	0.85531	1.06039	1.06039	0.409435	1.17999	1.17999	0.54749	2.12595	2.12595	1.54773	2.52921	1.45257	1
6121864730	THRSP	0.274709	0.981386	1.02062	1.02062	0.047222	7.29229	7.29229	0.086274	5.25078	5.25078	0.983241	0.981788	-1.01855	0.352621	0.433024	-2.30934		0.243673	0.343898	-2.90784	0.955564	0.953447	-1.04883	0.865621	0.862255	-1.15975	0.431029	0.494965	-2.02035	1.54772	18.7689	10.7794	1
6123236669	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.274711	0.127938	0.470545	-2.12552	0.931661	0.961474	-1.04007	0.136634	0.479734	-2.08449	0.697671	1.1958	1.1958	0.208662	0.544923	-1.83512		0.35276	1.5496	1.5496	0.0705966	0.396314	-2.52325	0.156709	0.409696	-2.00122	0.861479	0.923115	-1.08329	1.54772	5.1432	2.95386	1
6009705456	MACROD1	0.274713	0.715864	0.778062	1.28546	0.1232166	0.476156	-2.09765	0.763793	1.10201	1.10201	0.456756	0.548628	-1.82284	0.5612273	0.5496824	-1.81942		0.448362	0.58061	-1.72306	0.1722911	0.549683	-1.81959	0.7416241	0.779644	-1.28297	0.677303	1.17735	1.17735	1.54771	1.34644	0.7733	1
6067520440	FAM107B	0.274713	0.216344	0.471569	-2.12058	0.785933	1.17034	1.17034	0.18977	2.23101	2.23101	0.957556	0.969718	-1.03123	0.0325668	0.235663	-4.24335		0.837874	0.888363	-1.12567	0.153772	0.413819	-2.41652	0.393453	0.603466	-1.65709	0.935163	0.954079	-1.04813	1.54771	8.18283	4.69961	1
6009990122	LRRC8B;LRRC8B	0.274716	0.818099	0.959055	-1.04249	0.9285	1.45135	1.45135	0.033693	1.96597	1.96597	0.454219	1.29397	1.293972	0.4713213	0.772858	-1.29397		0.229663	1.1628	1.1628	1.365067	0.14279	0.164933	0.0242003	1.21202	1.21202	0.72053	0.910599	-1.09818	1.5477	1.39851	1.66194	1
6020826999	ABHD6	0.274723	0.312733	2.847655	1.513167	0.527294	0.769378	-1.29975	0.44159	0.710292	0.94907	1.053947	1.03079	0.03738	0.3304197	0.663242	1.50775		0.278196	0.6303	-1.58655	0.163783	0.466704	-2.18325	0.16401	0.544503	1.83656	0.137639	0.882769	-1.13287	1.54769	4.107	2.33878	1
6128120488	N4BP2L2	0.274723	0.373454	1.12486	1.12486	0.643798	0.941798	-1.0618	0.761348	1.04001	1.04001	0.336858	0.880277	-1.13601	0.0902116	1.27184	1.27184		0.998798	1.00019	1.00019	0.488062	1.09496	1.09496	0.64077	1.06239	1.06239	0.0250012	1.40979	1.40979	1.54767	0.406521	0.233481	1
6088332606	CLEC2L	0.274727	0.42645	1.26426	1.26426	0.5350127	0.28629	1.29828	0.989985	1.01012	0.941556	0.867969	-1.15306	0.842264	1.18296	0.4915601	2.03351		0.440015	0.720561	-1.38754	0.560083	-1.78546	0.38971	0.7710565	1.38754	0.560083	-1.44118	0.517262	0.771055	2.42622	2.43855	1.54767	1.54767	1.54767

File: ESM_23 (Online Resource 23)

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

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	T(Test)	S(Test)	SE(Error)	f(Error
00T32037	TBX10	0.275008	0.714048	0.905413	1.03447	0.950784	1.01681	0.871393	1.04471	1.04471	0.885617	0.961882	-1.03963	0.436659	0.807148	1.23893	0.91776	0.972499	-1.02828	0.01049783	1.28655	2.38655	0.322824	1.31749	1.31749	0.925336	0.975501	-1.02563	1.54672	1.78576	1.02626	1
00490794	HMGB3P37	0.275009	0.819446	0.942606	-1.06089	0.997782	0.799453	-1.25086	0.446902	0.819436	-1.22035	0.530577	0.848544	-1.17849	0.2182584	1.39766	1.39766	0.06404845	1.71248	1.71248	0.05958984	1.73258	1.73258	0.858714	1.04714	1.04714	0.918947	1.02666	1.02666	1.56272	1.63719	0.940883	1
00572676	USP13	0.275012	0.182487	0.26402	-1.38759	0.484173	0.512114	-1.95269	0.944788	1.06736	1.06736	0.739961	0.730867	-1.36824	0.03704417	0.102366	-9.76888	0.189033	0.269893	-1.70518	0.0452033	0.11501	-8.69489	0.84058	0.827311	-1.20874	0.2416557	0.315504	-3.16953	1.54671	21.7035	12.4729	1
00s94335	DR82;GRB2	0.620822	0.870709	-1.14837	0.2219784	1.144329	2.143924	0.568949	1.17318	1.17318	0.385017	1.28029	1.280329	0.485937	0.821664	-1.21704	0.980569	0.991273	-1.00977	0.447034	0.806533	-1.23987	0.437528	0.802747	-1.24572	0.2414423	1.405122	1.405122	1.54671	1.885446	1.08357	1
cg13101624	DR81;C17orf91;C17orf91;WDR81	0.275024	0.352669	0.616448	-1.6222	0.790784	1.14396	1.14396	0.220112	1.91974	1.91974	0.526145	1.38391	1.38391	0.227563	1.89788	1.89788	0.08260902	0.378277	-2.64356	0.1721711	0.479403	-2.08593	0.496615	1.41786	1.41786	0.368543	1.5955	1.5955	1.54667	6.26789	3.60223	1
cg25357194	KRT72;KRT72;KRT72	0.275028	0.0801506	0.625635	-1.59838	0.512603	1.17402	1.17402	0.174674	0.705552	-1.41733	0.106457	0.653209	-1.5309	0.114744	0.660758	-1.51341	0.91009	1.02767	1.02767	0.790073	1.06658	1.06658	0.970832	1.00887	1.00887	0.156272	0.693235	-1.44251	1.54665	1.4296	0.821617	1
cg21430218	SYCP3	0.275031	0.186596	0.755427	-1.32376	0.899072	0.974901	-1.02575	0.685096	0.921574	-1.0851	0.901912	1.02449	1.02449	0.0895704	0.687324	-1.45492	0.928279	0.595241	-1.67999	0.483296	0.866996	-1.15341	0.674771	1.08822	1.08822	0.151294	0.734889	-1.36075	1.54665	0.9881928	0.564966	1
cg17680611	TPAK;TPM4	0.275036	0.863788	0.895608	-1.11656	0.0145639	0.886619	-1.68669	0.1310408	0.85582	-1.10582	0.586586	0.690802	-1.44759	0.784078	1.18289	1.18289	0.589677	1.4185	1.4185	0.90592	1.07887	1.07887	0.916267	1.06986	1.06986	0.691671	0.777632	-1.28596	1.54663	1.099	0.30414	1
cg27218892	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.275044	0.772428	0.90027	-1.11078	0.911258	1.04122	1.04122	0.449253	0.753352	-1.3274	0.276303	0.663464	-1.50724	0.00933617	0.302833	-3.30215	0.455387	0.759221	-1.31714	0.733227	1.13196	1.13196	0.357455	0.709722	-1.409	0.709358	0.873515	-1.14528	1.5466	3.21537	1.84799	1
cg01369278	DLX2	0.275045	0.293753	0.74214	-1.34696	0.877117	1.18346	1.18346	0.0771112	0.844883	1.03221	1.03221	0.141594	0.648688	-1.54162	0.0802033	-12.4655	0.923779	0.974136	-1.02655	0.0318865	1.66233	1.66233	0.943706	1.01052	1.01052	0.506583	1.20265	1.20265	1.5466	1.83666	1.0556	1
cg13621968	SLCO5A1;SLCO5A1;SLCO5A1	0.275046	0.367305	1.11163	1.13163	0.73928	1.0389	1.0389	0.483999	1.08467	1.08467	0.429831	0.912022	-1.09646	0.445565	1.09291	1.09291	0.98365	1.00234	1.00234	0.0523136	0.777089	-1.28685	0.066693	1.26484	1.26484	0.631067	1.05685	1.05685	1.5466	0.319864	0.183838	1
cg08734660	GAR5	0.275051	0.456028	1.32019	1.32109	0.0324502	2.505213	2.505213	0.748055	1.76677	1.76677	0.797684	1.0131	1.0131	0.661004	1.1757	1.1757	0.114772	0.533683	-1.87588	0.746618	1.12651	1.12651	0.956857	0.980262	-1.02034	0.549277	1.25117	1.25117	1.54658	3.2954	1.89402	1
cg26870438	PFKFB3	0.275054	0.409424	1.22787	1.22787	0.0696511	1.83586	1.83586	0.3597	1.32574	1.32574	0.324954	1.35574	1.35574	0.129002	0.611901	-1.63425	0.272367	1.40787	1.40787	0.314193	1.36568	1.36568	0.47114	1.24544	1.24544	0.3315511	0.740828	-1.34984	1.54657	2.19593	1.26211	1
cg17951991	ADAR82	0.275054	0.881701	0.942681	-1.0608	0.0277802	0.35667	-2.80371	0.224642	0.60315	-1.65726	0.411216	1.39526	1.39526	0.78105	0.875424	-1.1423	0.874875	0.939445	-1.06446	0.147406	1.85189	1.85189	0.777688	1.11874	1.11874	0.714306	1.1569	1.1569	1.54657	3.84867	2.21202	1
cg02380236	DNAH4	0.275068	0.0919367	0.505189	-1.87936	0.0744776	0.193384	-2.7144	0.973546	1.02871	1.02871	0.697177	1.39631	1.39631	0.592597	1.58579	1.58579	0.133662	0.251331	-3.97882	0.686932	1.41322	1.41322	0.351574	0.441131	-2.2669	0.298381	0.39844	-2.50979	1.54652	1.85	0.92596	1
cg10094078	APC2	0.275068	0.991251	0.99689	-1.00312	0.1515153	0.54813	1.54813	0.992728	0.997414	-1.00259	0.908083	1.03336	1.03336	0.359248	1.30712	1.30712	0.0548298	1.8566	1.8566	0.0608533	1.82274	1.82274	0.105167	1.65372	1.65372	0.801298	0.93086	-1.07428	1.54652	1.97713	1.13639	1
cg13786165	CLP6	0.275073	0.448143	0.908383	-1.10205	0.0737086	0.781612	-1.27941	0.115076	1.23585	1.23585	0.881598	1.02895	1.02895	0.101859	1.15549	0.869	1.33552	1.33552	-1.33552	1.33552	1.33552

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1221 vs. N)	p-value(1221 vs. N)	Fold-Change(1231 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05325369	FBXO46	0.275486	0.421038	1.882629	0.115298	0.962513	0.992887	-1.00716	0.755002	0.955568	-1.04869	0.149939	1.2642	1.26421	0.836783	1.03183	1.03183	1.03183	0.584188	1.08757	1.08757	0.021409	0.65713	-1.51277	0.78398	0.959121	-1.04262	0.445099	1.12551	1.12551	1.54612	0.564544	0.324774	1
cg21996245	B4GALNT4	0.275494	0.107997	0.414171	-2.41446	0.917613	0.135318	1.05338	0.235673	0.53544	-1.86762	0.613058	0.77389	-1.29217	0.067257	0.347273	-2.87958	0.305909	0.586935	-1.70377	0.247078	0.544255	-1.83737	0.0357598	0.292844	-3.41479	0.452441	0.68062	-1.46925	1.5451	0.182552	3.55678	1
cg10402513	RPJR2	0.275496	0.0798733	0.263475	-3.79543	0.542405	1.52683	1.52683	0.808308	0.84636	-1.18153	0.242642	0.432068	-2.31445	0.0636695	0.239107	-4.18222	0.227544	0.419222	-2.38537	0.110134	0.302699	-3.30362	0.275654	0.459189	-2.17775	0.216166	0.409324	-2.44305	1.54509	0.11.526	6.63067	1
cg12814335	PITPNA	0.275497	0.156219	0.49077	-2.03761	0.0481568	0.946158	-2.88561	0.626931	1.25841	1.25841	0.952952	0.972693	-1.02807	0.119355	0.47402	-2.10962	0.520153	0.736452	-1.35786	0.590382	0.774756	-1.29073	0.0504758	0.351323	-2.84639	0.585806	0.772437	1.2946	1.54609	0.38841	3.09995	1
cg20547777	EXT1 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.275504	0.625179	1.20692	1.20692	0.150518	0.555077	-1.80155	0.35771	1.4152	1.4152	0.238331	1.60286	1.60286	0.75255	0.886194	-1.12842	0.16253	0.565783	-1.76746	0.219999	0.611011	-1.63663	0.126853	0.532192	-1.87902	0.46752	1.3263	1.3263	1.54506	3.57062	2.05421	1
cg15644404	C1	0.275509	0.706439	1.09539	1.09539	0.749196	1.0803	1.0803	0.293429	0.769178	-1.30009	0.116774	0.663428	-1.50732	0.420635	0.820277	-1.2191	0.153705	0.692262	-1.44454	0.109132	1.52301	1.52301	0.149858	0.680523	-1.45028	0.66685	0.90097	-1.10992	1.54505	1.41885	0.816285	1
cg04368058	TBKBP1;TBKBP1 C5orf25;C5orf25;C5orf25;C5orf25;C5or	0.27551	0.450078	0.719615	-1.38963	0.859695	0.107858	1.07858	0.548484	1.26597	-1.26597	0.0381894	0.358034	-2.79303	0.641007	1.22235	1.22235	0.299874	0.63171	-1.583	0.485264	0.738466	-1.35416	0.966641	0.982279	-1.01804	0.0193956	2.19734	2.19734	1.54504	4.47279	2.57327	1
gh07043308	f25;C5orf25	0.275511	0.3831	1.53483	1.53483	0.0966581	2.39549	2.39549	0.24465	0.558228	-1.79138	0.131267	0.458206	-2.18243	0.716168	1.19113	1.19113	0.301593	1.66972	1.66972	0.424785	1.47762	1.47762	0.804815	0.888163	-1.12592	0.24006	0.554756	-1.80259	1.54504	5.61443	3.23008	1
gh16372238	MKX	0.275512	0.993405	1.00392	1.00392	0.33677	0.243007	-1.41778	0.554362	0.353995	-2.82493	0.322222	0.65651	-1.52651	0.078885	0.59342	-1.52896	0.493457	0.718331	-1.39212	0.444501	0.690185	-1.44889	0.883926	1.52911	1.52911	0.624671	1.26434	1.26434	1.54504	5.53703	3.18555	1
cg13273996	ACSS3;ACSS3	0.275512	0.330876	0.362574	-2.75806	0.620435	0.65666	1.65666	0.705809	0.146738	1.46738	0.52546	0.521624	-1.91709	0.311182	0.346621	-2.88499	0.23642	0.285223	-3.50603	0.238512	0.28697	-3.48468	0.409199	0.425912	-2.3479	0.0418499	0.70167	0.70167	1.54504	25.0207	14.3949	1
gh08677210	MS4A15;f32	0.275513	0.163907	0.367383	-2.73186	0.109463	0.936812	-1.06813	0.292933	0.161663	0.36296	-2.75513	0.181263	0.382549	-2.61404	0.272353	0.463385	-2.16739	0.676226	0.352504	-2.8374	0.1389	0.304407	0.486441	-2.05575	0.0322163	0.183801	-5.44518	0.137122	0.198207	-2.95677	1.54503	11.2163	6.45296	1
cg08966768	LOC729668	0.275515	0.467836	1.26391	1.26391	0.298197	0.710419	-1.40762	0.0493969	0.491139	-2.03608	0.0663448	0.520532	-1.92111	0.57071	0.183871	-1.29923	0.334052	1.37148	1.37148	0.702699	1.12929	1.12929	0.922381	0.353123	-2.84639	0.585806	0.772437	1.2946	1.54509	1.38841	3.09995	1
cg04746609	OCEL1	0.275515	0.176845	0.703333	-1.4218	0.526154	0.854132	-1.17053	0.174559	1.44729	1.42479	0.025206	0.520737	-1.92036	0.464062	0.24869	-1.04869	0.76678	1.07563	1.07563	0.739925	0.921579	-1.08509	0.742763	0.922437	-1.08408	0.616708	1.13169	1.13169	1.54503	1.47054	0.846037	1
cg02202084	FOXP1	0.275519	0.0740763	0.592315	1.68829	0.206564	0.704337	-1.41977	0.0993904	0.622314	-1.60691	0.838684	0.947393	-1.05509	0.269141	0.753427	-1.32727	0.31947	0.762805	-1.31095	0.274229	0.741316	-1.34895	0.17185	1.46621	1.46621	0.809848	0.967416	1.03368	1.45001	1.69382	0.5745	1
cg10069323	IGSF22 FAM76A;FAM76A;FAM76A;FAM76A;FA	0.27552	0.155686	0.724199	-1.38084	0.72614	1.07756	1.07756	0.207645	1.32611	1.32611	0.780627	0.942416	-1.0611	0.193656	0.746644	-1.33933	0.141193	0.714521	-1.39954	0.186607	0.742744	-1.34636	0.22074	0.760732	-1.31452	0.386206	1.20768	1.20768	1.54501	1.10419	0.635274	1
cg00172330	M76A	0.275531	0.15096	0.606694	-1.64828	0.461127	0.78379	-1.27585	0.0397871	0.462192	-2.1636	0.579646	1.99921	1.99921	0.345164	0.729285	-1.37121	0.5754	1.20171	1.20171	0.541913	0.818348	-1.22197	0.0816795	0.534466	-1.87103	0.799475	1.08616	1.08616	1.54497	2.5796	1.48415	1
cg14714692	SORBS1;SORBS1	0.275532	0.444528	0.74169	-1.34827	0.45746	0.748193	-1.33655	0.328973	1.47146	1.47146	0.356912	0.695408	-1.438	0.316421	0.672276	-1.48748	0.26049	0.637658	-1.56824	0.0426932	2.44608	2.44608	0.939659	0.971393	-1.02945	0.388794	1.403	1.403	1.54497	3.59644	2.06919	1
cg01217329	PGAM1 SMARCA4;SMARCA4;SMARCA4;SMARC	0.275533	0.994908	0.998786	-1.00823	0.208995	1.28675	1.28675	0.183867	0.974923	-1.02572	0.794719	0.954198	-1.05086	0.344256	0.818901	-1.22166	0.989774	0.997556	-1.00244	0.979661	0.690669	-1.44787	0.380314	1.23804	1.23804	0.0618981	0.670301	1.49187	1.54494	0.885807	0.509654	1
cg27385443	A4;SMARCA4;SMARCA4;SMARCA4	0.275543	0.408419	1.35415	1.35415	0.046744	2.26231	2.26231	0.290193	1.48231	1.48231	0.0963549	1.92444	1.92444	0.557788	0.808616	-1.23668	0.0813332	1.99928	1.99928	0.289337	1.48342	1.48342	0.475902	1.29684	1.29684	0.229349	1.57187	1.57187	1.54493	3.1457	1.8099	1
gh24083378	STK39	0.275543	0.777506	0.912188	-1.09627	0.0271102	0.42795	-2.33672	0.102861	0.560481	-1.78418	0.157931	1.632	1.632	0.95659	1.01782	1.01782	0.74575	0.899826	-1.11133	0.719627	0.889635	-1.12406	0.672318	0.871076	-1.14801	0.829713	0.932509	-1.07238	1.54493	2.57545	1.4818	1
cg10952663	LGALS1	0.275544	0.16847	0.663471	-1.50723	0.0754138	0.57464	-1.74022	0.217577	0.695820	-1.43713	0.28246	0.731802	-1.36649	0.45119	0.80685	-1.23939	0.608146	1.15556	1.15556	0.0603769	0.553157	-1.8078	0.20611	0.688763	-1.45188	0.138469	0.640243	-1.56191	1.54493	1.91247	1.10035	1
cg24276105	CHST1	0.275546	0.655771	0.843797	-1.19193	0.830022	0.916588	-1.091	0.378367	0.693139	-1.44219	0.338614	0.664647	-1.50456	0.382078	0.695464	-1.43789	0.447283	1.36862	1.36862	0.146645	1.37979	1.87979	0.0418372	1.386608	-2.5866	0.404739	1.41253	1.41253	1.54492	4.01607	2.31069	1
cg22632840	SSH3	0.275548	0.754988	0.751271	-1.33108	0.376045	0.436403	-2.29146	0.393146	0.449716	-2.22363	0.765251	0.760663	-1.31464	0.320844	0.391786	-2.55242	0.526568	1.79712	1.79712	0.196008	0.287288	-3.48083	0.0122874	0.0579103	-17.2681	0.550475	0.57588	-1.73647	1.54492	20.4209	11.7495	1
cg04877802	NOPS8	0.275551	?	?	?	0.800922	1.06986	1.06986	0.446183	1.37827	1.37827	0.818195	0.910107	-1.09877	0.483926	0.747301	-1.33779	0.831364	0.916457	-1.09116	0.0184195	2.291314	2.291314	0.143272	0.567161	1.26095	1.26095	0.749316	1.14476	1.54473	1.14476	0.54731	3.6455	2.55503	1
gh16248201	HELQ;MRPS18C	0.275554	0.0801405	2.33667	2.33667	0.148632	0.19847	1.96847	0.165606	0.190877	1.90877	0.165606	1.5756	1.1756	0.0296534	2.4955	2.4955	0.736906	1.5882	1.15882	0.314944	0.613916	1.8000502	-1.24906	0.568936	1.28619	1.28619	1.5449	1.67626	2.69058	1
gh10405147	RNF17	0.275575	0.501857	0.886735	-1.12773	0.110249	1.35931	1.35931	0.0812071	0.711109	-1.40625	0.767353	0.949024	-1.05371	0.829055	0.962583	-1.03887	0.948306	0.98863	-1.0115	0.0813874	1.40591	1.40591	0.545479	0.897712	-1.11394	0.584563	0.90722	-1.10227	1.54483	0.760996	0.437675	1
gh01124774	DPH2;DPH2	0.275577	0.538007	0.878722	-1.13854	0.0772825	1.28675	1.28675	0.183867	0.974923	-1.02572	0.794719	0.954198	-1.05086	0.344256	0.818901	-1.22166	0.556404	1.18833	1.18833	0.0994597	1.04102	1.04102	0.879134	1.79331	1.79331	0.67151	0.91547	1.09106	1.54482	1.05459	0.606812	1
cg06426011	CPED1;CPED1	0.275593	0.834536	0.925368	-1.08065	0.642727	0.796441	-1.25559	0.774638	1.11232	1.11232	0.758915	0.892125	-1.12092	0.509937	0.43856	-2.28019	0.899264	0.954123	-1.04808	0.347929	1.43097	1.43097	0.0314513	0.392321	-2.54893	0.45058	0.751972	-1.32984	1.54477	3.36407	1.93575	1
cg11299991	PTX3;ATP1;VEPH1;PTX3;VEPH1	0.275593	0.0645151	0.607963	-1.64517	0.0130022	0.916588	-1.091	0.378367	0.693139	-1.44219	0.338614	0.664647	-1.50456	0.382078	0.695464	-1.43789	0.0984858	1.28378	1.28378	0.0199582	0.13419	-7.45425	0.0199582	0.13419	-7.45425	0.0199582	0.13419	1.54477	1.54477	0.13419	3.6455	2.55503	1
cg05469421	ARL1	0.275593	0.705943	0.954265	-1.04793	0.805773	1.03089	1.03089	0.120533	1.23117	1.23117	0.450239	1.09967	1.09967	0.902306	1.01528	1.01528	0.795054	1.03267	1.03267	0.0262646	0.722135	-1.38478	0.341627	1.12864	1.12864	0.607941	1.06599	1.54477	0.373163	0.214726	1
cg00247380	ZNF444	0.275597	0.378167	1.11447	1.11447	0.703157	1.04727	1.04727	0.65798	1.05485	1.05485	0.895656	0.984395	-1.01585	0.277469	1.14497	1.14497	0.197116	1.17755	1.17755	0.0314212	0.738955	-1.35326	0.368124	0.895115	-1.11718	0.645161	0.945938	-1.05715	1.54475	0.351487	0.202254	1
gh07944828	SCO5;SCO5	0.275616	0.961751	1.03974	-1.04947	0.854154	1.4616	1.4616	0.0432666	0.621674	0.781881	-1.27897	0.140716	2.18983	0.685706	1.22293	1.22293	0.515614	1.34707	1.34707	0.15738	1.21262	1.21262	0.0162102	2.2829	4.2829	0.428248	1.49192	1.49192	1.54474	5.98635	3.44471	1
gh03885579	DLGAP3	0.275602	0.13473	0.89763	0.89763	0.119754	0.11081	0.11081	0.6076	0.20813	0.20813	0.100707	12.8807	12.8807	0.312316	0.226337	-4.41818	0.455533	0.94588	0.94588	0.914987	0.859166	-1.16392	0.83497	1.34521	1.34521	0.0677608	18.3309	18.3309	1.54474	49.4366	28.4474	1
gh12846763	WDR27	0.275603	0.539824	1.13193	1.13193	0.599122	1.00098	1.00098	0.124183	1.44043	1.44043	0.502124	0.871779	-1.14708	0.841579	0.605311	-1.65151	0.140734	1.13602	1.13602	0.176307	0.838455	-1.19253	0.294524	1.12403	1.12403	0.744851	0.951766	1.16308	1.54473	0.992836	0.571303	1
gh18643421	KPNP	0.275603	0.0444251	0.247119	-4.04547	0.320356	1.862	1.862	0.935072	1.05056	1.05056	0.196438	0.437394	-2.28627	0.185723	0.427621	-2.33852	0.711245	0.798424	-1.25247	0.155606	0.598508	-2.50898	0.200103	0.440678	-2.26923	0.326314	0.546032	-1.83139	1.54473	0.96738	0.516011	1
gh10144598	ATP2B4;ATP2B4	0.275607	0.136967	0.503811	-1.98487	0.303845	0.633984	-1.57733	0.16345	0.529151	-1.88982	0.526709	0.759958	-1.31586	0.0962503	0.457668	-2.18499	0.301136	0.632246	-1.58166	0.0256943	0.32177	-3.10781	0.17335	0.537961	-1.85887	0.44723	0.717842	-1.39306	1.54472	4.48036	2.57817	1
gh17052212	ANO6;ANO6;ANO6	0.275614	0.218778	0.542647	-1.84339	0.143319	0.599122	1.00098	0.124183	1.44043	1.44043	0.502124	0.871779	-1.14708	0.841579	0.605311	-1.65151	0.340584	0.632495	-1.58104	0.267	0.598508	-2.50898	0.200103	0.440678	-2.26923	0.326314	0.546032	-1.83139

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4477 vs. N)	Fold-Change(3477 vs. 4477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 6377 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg19502936	RLP	0.275863	0.62817	1.48033	0.42633	0.0324457	0.18365	0.0248864	0.97669	0.97669	0.980368	0.981987	-1.01834	0.43181	1.79278	1.79278	0.876279	0.444291	1.76377	1.76377	0.378087	1.931	1.931	0.6805995	1.34413	1.34413	0.9248	1.07111	1.07111	1.54386	12.9456	7.4535	1
cg08174718	WNT5A	0.275865	0.988282	1.002056	1.002056	0.0178923	0.606271	-1.64943	0.232275	0.804262	-1.24338	0.659047	1.08027	1.08027	0.311419	0.8335515	-1.19974	0.673405	0.928937	-1.0765	0.375084	1.17152	1.17152	1.6629556	1.07924	1.07924	0.772905	1.0516	1.0516	1.54386	0.739332	0.425676	1
cg06008158	PCM1	0.275866	0.612261	1.13493	1.13493	0.246389	0.740681	-1.35011	0.339964	0.783849	-1.27576	0.246527	1.34998	1.34998	0.0253974	1.93086	1.93086	0.496783	0.842941	-1.18632	0.609198	1.13619	1.13619	0.984911	0.995328	-1.00469	0.816321	1.05931	1.05931	1.54386	1.49943	0.863309	1
cg17140103	RHOT1;RHOT1;RHOT1	0.275869	0.790107	1.08317	1.08317	0.28118	1.39855	1.39855	0.04889449	1.9611	1.9611	0.730013	1.93992	1.93992	0.540877	0.8307782	-1.20369	0.0960373	0.579021	-1.72705	0.253157	0.699479	-1.42964	0.734522	1.10751	1.10751	0.918422	0.969785	-1.03116	1.54384	2.19294	1.26261	1
cg24352349	cg27:exon(fp):C22orf9;MIR1249	0.275875	0.221542	2.15147	2.15147	0.0788001	3.20233	3.20233	0.436676	1.60501	1.60501	0.300741	0.527625	-1.89529	0.376785	0.582289	-1.71736	0.544258	0.693534	-1.44189	0.13555	0.383201	-2.6096	0.465347	1.55741	1.55741	0.682496	0.782518	-1.27793	1.54383	8.69301	5.00517	1
cg08667148	TNFAIP3	0.275879	0.233758	1.14402	1.14402	0.12465	1.19624	1.19624	0.233509	1.14411	1.14411	0.318605	1.13751	1.13751	0.0824256	1.23042	1.23042	0.587105	1.06088	1.06088	0.119544	0.8335551	-1.19969	0.909826	0.999931	-1.00409	0.835613	1.02265	1.02265	1.54381	0.284048	0.163548	1
cg05824432	DCI	0.275881	0.306469	0.787952	-1.26911	0.839419	1.04673	1.04673	0.912619	1.02502	1.02502	0.322647	0.794566	-1.25855	0.155092	0.710003	-1.40844	0.0326698	0.569705	-1.7553	0.133939	0.6950124	-1.43882	0.385364	0.81847	-1.22179	0.101445	0.667877	-1.49728	1.54381	1.73835	0.73127	1
cg07713066	GMPPA;GMPPA SPATA22;SPATA22;SPATA22;SPATA22;S	0.275881	0.777951	0.919432	-1.08763	0.471517	0.804048	-1.24371	0.0969883	1.72556	1.72556	0.15143	0.597533	-1.67355	0.45932	1.2551	1.2551	0.813679	1.07266	1.07266	0.225247	1.46396	1.46396	0.181086	0.638195	-1.56692	0.57074	0.843288	-1.18584	1.59387	2.17988	1.06374	1
cg16505927	PATA22;SPATA22	0.275882	0.601373	1.11718	1.11718	0.270993	1.2724	1.2724	0.171839	0.736574	-1.35764	0.616037	0.899169	-1.11214	0.102226	1.45637	1.45637	0.151092	0.723674	-1.38184	0.16147	0.730286	-1.36933	0.644068	0.906831	-1.10274	0.940094	0.984325	-1.01592	1.5438	1.08041	0.622078	1
cg21278164	LEFTY2	0.275884	0.442378	1.42802	1.42802	0.164485	1.2202	1.2202	0.218009	1.80296	1.80296	0.641625	1.23764	1.23764	0.733978	0.852479	-1.19278	0.154913	1.9986	1.9986	0.189583	1.88147	1.88147	0.9478211	2.79896	2.79896	0.0639855	2.57784	2.57784	1.54377	5.05886	2.91283	1
cg15948326	KCNJ5;C11orf45	0.275886	0.0945019	0.637153	-1.56948	0.0760698	0.612688	-1.62262	0.0839215	0.625609	-1.59844	0.36606	0.771139	-1.29678	0.239682	0.739383	-1.35248	0.513358	1.17652	1.17652	0.2601178	0.7344857	-1.37958	0.217788	0.724277	-1.38069	0.844076	0.952855	-1.04948	1.54376	1.47045	0.846681	1
cg12883765	C17orf73	0.275903	0.455869	0.935226	-1.06935	-1.97933	0.0362195	0.80832	0.0497321	0.700714	0.700714	0.541787	1.669961	1.669961	0.0127268	0.6048722	-1.65311	0.4729564	0.780169	0.780169	0.786388	-1.27164	0.772384	0.79035	-1.26282	0.599916	1.57545	1.57545	0.712905	1.37493	0.676223	0.697174	-1.43436	1.54373	18.0349	10.3846	1
cg26681016	SLC2A1	0.275911	0.906919	1.02227	1.02227	0.0200837	1.69578	1.69578	0.0451297	1.15548	1.15548	0.734246	0.937851	-1.06627	0.534944	0.8884407	-1.12561	0.407261	0.852458	-1.17308	0.215035	0.782112	-1.27859	0.949479	1.0212	1.0212	0.516497	1.13186	1.13186	1.54371	0.866922	0.499187	1
cg11566895	HDGF;HDGFL2	0.275913	0.891342	0.977025	-1.02352	0.475039	1.13148	1.13148	0.521705	1.11677	1.11677	0.0278305	0.642498	-1.55596	0.518459	0.894649	-1.11776	0.74646	1.05672	1.05672	0.119845	0.7505131	-1.33239	0.394072	1.16004	1.16004	0.718079	0.63659	1.06359	1.5437	0.707032	0.407121	1
cg03154859	TUBA4A	0.275932	0.128676	1.62067	1.62067	0.153216	0.0872776	1.61526	0.201975	1.26326	1.26326	0.0204248	0.642498	-1.55643	0.0859432	0.610745	-1.63755	0.477564	0.828917	-1.20629	0.261843	0.7378845	-1.3553	0.638427	0.581997	-1.71824	0.337168	0.773279	-1.29319	1.54368	1.65067	0.950498	1
cg00936187	FAM38A	0.275929	0.648762	1.23636	1.23636	0.101997	0.436865	-2.28904	0.372204	0.654495	-1.5279	0.776463	1.14078	1.14078	0.01835	0.2660336	-3.75889	0.555603	0.758949	-1.31761	0.935203	1.03834	1.03834	0.968361	1.01852	1.01852	0.311629	0.616119	-1.62306	1.54364	5.23363	3.01372	1
cg08154594	PTPN2;PTPN2;PTPN2 BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNA	0.275931	0.858664	0.916979	-1.08734	0.666086	1.22622	1.22622	0.611371	0.786072	-1.27215	0.793946	1.3084	1.3084	0.0263073	0.576109	-1.73578	0.507747	0.729312	-1.37116	0.0178701	0.258662	-3.86605	0.981102	0.988936	-1.01119	0.0893216	0.414771	-2.41097	1.54364	3.5966	3.10643	1
cg22515578	TJALCAP	0.275931	0.476148	1.83484	1.83484	0.0311584	8.32077	8.32077	0.030418	8.42603	8.42603	0.547488	1.66519	1.66519	0.580091	1.59703	1.59703	0.590101	1.5771	1.5771	0.175828	3.33948	3.33948	0.804835	1.23047	1.23047	0.948911	1.05515	1.05515	1.54364	17.1575	9.87996	1
cg04162316	RPTOR;RPTOR	0.275934	0.963743	1.0098	1.0098	0.0729774	1.76958	1.76958	0.162456	0.617607	0.814973	-1.22704	0.756434	1.31977	1.31977	0.0519418	0.59174	0.995686	1.00233	1.00233	0.112758	0.475004	-2.10525	0.632215	1.23114	1.23114	0.262814	0.604451	-1.65439	1.54361	4.54608	2.61786	1
cg08728702	NTRK1;UNSR	0.275941	0.157614	1.75041	1.75041	0.175653	1.70496	1.70496	0.0702294	2.11666	2.11666	0.163082	1.73603	1.73603	0.780381	1.10928	1.10928	0.0944005	1.97631	1.97631	0.164643	1.73203	1.73203	0.98765	1.00575	1.00575	0.0989619	1.95466	1.95466	1.54361	3.35598	1.93255	1
cg23145622	MAPKAPK2;MAPKAPK2	0.275942	0.415872	0.804749	-1.24316	0.0752267	0.821799	-1.21693	0.0872288	0.766885	-1.30109	0.0377966	0.592589	-1.68754	0.0284522	0.5126	-1.95069	0.896129	0.9095	-1.09942	0.3623669	0.6975725	-1.43354	0.4158	0.9568	1.04034	1.04034	0.649404	0.6994	-1.42586	1.54348	14.3188	8.59171	1
cg07962305	YAF2 TBXAS1;TBXAS1;TBXAS1;TBXAS1	0.275943	0.637189	0.776926	-1.28712	0.773266	0.857716	-1.16589	0.795945	1.14762	1.14762	0.786045	0.865399	-1.15554	0.0233691	0.2370556	-4.2184	0.62595	1.29823	1.29823	0.377163	0.617868	-1.61847	0.758544	1.178	1.178	0.0571503	0.318729	-3.13746	0.5436	6.90131	3.97415	1
cg06462921	LTBX4S1	0.275947	0.669007	0.871585	-1.14733	0.0498376	2.0407	2.0407	0.0219107	2.408	2.408	0.71585	1.08832	1.08832	0.197198	0.991305	-1.00877	0.595835	1.18658	1.18658	0.34119	1.36814	1.36814	0.963332	1.0148	1.0148	0.88559	1.04709	1.04709	1.54358	2.4969	1.43787	1
cg24191285	TRIM65	0.275951	0.447701	0.673946	-1.4838	0.938555	1.22353	1.22353	0.480931	0.693963	-1.441	0.0290444	0.269255	-3.71395	0.335544	0.602659	-1.65931	0.0368716	0.290471	-3.44268	0.7275	0.8366516	-1.19529	0.355031	0.615586	-1.62447	0.420477	0.657242	-1.52151	1.54357	6.35725	3.66091	1
cg00103598	PDZD8	0.275954	0.973334	0.992465	1.00186	0.295714	0.780848	1.28056	0.556455	0.882633	1.13326	0.0842633	1.24126	1.24126	0.773703	0.9196345	-1.08768	0.8740524	1.14654	1.14654	0.0731901	0.578484	-1.72866	0.915004	0.9135482	1.00476	0.918912	0.726176	1.37708	1.54356	1.27335	0.732708	1
cg23506641	AKR7	0.275957	0.205991	0.60509	3.60509	0.309477	2.74831	2.74831	0.263755	3.06427	3.06427	0.425403	2.18676	2.18676	0.241202	0.307492	3.25211	0.480849	1.9913	1.9913	0.115512	0.193077	5.17928	0.136966	0.664408	0.46408	0.850608	0.839854	1.19068	1.54355	22.5881	13.0078	1
cg17193417	RUM;RUIM	0.275961	0.0151365	0.0270876	-36.9173	0.090101	0.18668	-5.35677	0.916103	1.13589	1.13589	0.546317	2.09226	2.09226	0.64769	0.573307	-1.74427	0.343964	0.307658	-3.25036	0.623913	1.81765	1.81765	0.964434	1.0554	1.0554	0.741253	1.49282	1.49282	1.54354	35.7428	20.5835	1
cg06160216	NR5N2	0.275959	0.0382717	0.492363	-2.03111	0.0139305	0.0979933	1.30114	0.522559	0.805931	-1.24125	0.0929183	0.567538	1.76258	0.0476548	0.5184531	-1.92878	0.677153	0.883759	-1.13151	0.0654474	0.4676376	2.525541	-1.9028	0.997172	1.00315	0.414917	0.781978	1.27881	1.54353	2.12885	1.22602	1
cg23668222	ANK1;ANK1;ANK1;ANK1;ANK1	0.275968	0.842929	1.0699	1.0699	0.588333	2.30455	2.30455	0.56804	0.821573	-1.21718	0.902959	0.959312	-1.04241	0.0499401	0.402926	-2.48185	0.177553	0.613854	-1.62905	0.641917	1.17291	1.17291	0.476424	0.781468	-1.27964	0.103842	0.543418	-1.8402	1.54352	2.85213	1.63276	1
cg19538614	CPT1C;C19orf76;CPT1C	0.275974	0.886898	1.0155	1.0155	0.0206724	0.742598	-1.34658	0.0227328	0.768585	-1.30109	0.0378966	0.592589	-1.68754	0.0284522	0.5126	-1.95069	0.896129	0.9095	-1.09942	0.3623669	0.6975725	-1.43354	0.4158	0.9568	1.04034	1.04034	0.649404	0.6994	-1.42586	1.54348	14.3188	8.59171	1
cg27635845	TSSK1B;MCC;TSSK1B	0.275974	0.507849	1.06901	1.06902	0.0280781	0.772812	-1.29398	0.199135	0.873902	-1.14429	0.197437	0.873405	-1.14494	0.867133	0.9835303	-1.01677	0.257033	1.889122	-1.1247	0.227936	0.8818351	-1.13398	0.169736	0.864761	-1.15639	0.930965	0.991429	-1.00865	1.54349	0.24127	0.138946	1
cg00597858	MAGED1;MAGED1;MAGED1	0.275978	0.177423	0.387427	-2.58113	0.814833	1.16788	1.16788	0.317178	1.83423	1.83423	0.0581694	1.42201	1.42201	0.252862	2.20347	2.20347	0.139999	0.349799	-2.85879	0.844705	0.8783932	-1.13852	0.681215	0.760904	-1.31423	0.798333	0.836935	-1.19484	1.54348	10.6973	6.16054	1
cg10601372	WDR18	0.275979	0.823188	1.04749	1.04749	0.0862772	0.542598	-1.84252	0.0727227	0.612349	1.63297	0.167788	0.814208	1.22846	0.0429744	0.3466032	-2.88458	0.447756	0.765557	-1.30595	0.144105	0.8574398	-1.16626	0.959628	1.04034	1.04034	0.649404	0.6994	-1.42586	1.54348	14.3188	8.59171	1
cg12091732	DYDC2;DYDC1	0.27598	0.639681	0.897029	-1.11479	0.347222	0.78694	-1.27074	0.571631	1.14081	1.14081	0.0464209	0.591119	-1.69171	0.199808	0.731911	-1.36629	0.537771	0.866067	-1.15464	0.115178	0.6738484	-1.48402	0.279626	1.29569	1.29569	0.314851	0.786993	-1.27066	1.54348	1.29842	0.747761	1
cg07855486	FCGBP	0.275981	0.106517	1.930799	1.930799	0.0173597	0.490094	-2.09164	0.241228	0.568132	-1.76015	0.0567289	0.812305	-1.23122	0.0364254	0.5232804	-1.91144	0.574905	0.853887	-1.17098	0.0345522	0.3239354	-3.08755	0.1983	0.5424224	1.84355	0.5043572	0.5323164	0.6045555	-1.65393	1.54348	0.78068	0.428953	0.5124	2.98703	0.1332	0.04459	1
cg06926695	RTKN;RTKN;RTKN	0.275994	0.88913	0.91603	-1.0906	0.0163564	0.162149	-6.20157	0.26331	0.484301	-2.06483	0.526006	1.49108	1.49108	0.872829	0.873347	-1.14502	0.42413	0.601978	-1.66119	0.814823	1.15705	1.15705	0.937367	0.570789	-1.75196	0.37563	1.76005	1.76005	1.54343	0.44951	5.44214	1
cg00771490	NASP3	0.275994	0.0868616	0.705577	-1.41728	0.5583	1.11536	1.11536	0.445112	0.866271	-1.15437	0.778476	0.949318	-1.05339	0.132274	1.34929	1.34929	0.708902	0.933174	-1.07161	0.0644127	1.46693	1.46693	0.802881	0.95492	-1.04721	0.911391	1.02074	1.02074	1.54343	0.8314418	0.478829	1
cg05583921	ZBTB47	0.275995	0.106513	1.930799	1.930799	0.0173597	0.490094	-2.09164	0.241228	0.568132	-1.76015	0.0567289	0.812305	-1.23122	0.0364254	0.5232804	-1.91144	0.574905	0.853887	-1.17098	0.0345522	0.3239354	-3.08755	0.1983	0.5424224	1.84355	0.5043572	0.5323164	0.6045555	-1.65393	1.54348	0.78068	0.428953	0.5124	2.98703	0.1332	0.04459	1
cg20472363	ZNF2;ZNF2	0.275994	0.0604	0.852229	-1.17339	0.1172688	1.1876	1.1876	0.606454	0.917208	-1.09027	0.517535	1.1153	1.1153	0.0961783	0.7379981	-1.35505	0.356464	0.854074	-1.17086	0.146344	1.29586	1.29586	0.624921	0.921323	-1.0854	0.129054	0.761255	-1.31362	1.5434	0.6761127	0.389394	1
cg26840598	SH2D5;SH2D5;SH2D5;SH2D5	0.276002	0.476067	1.14656	1.14656	0.0882114	1.16116	1.16116	0.460308	1.1051	1.1051	0.0167651	1.55958	1.55958	0.0215	0.2660336	-3.75889	0.161264	0.577441	-1.73175	0.0211319	0.3144553	-3.18007	0.741006	1.14426	1.14426	0.555156	1.12881	1.12881	1.54342	1.12881	0.732881	1
cg17006131	ZDHHC15;ZDHHC15;ZDHHC15	0.276007	0.576092	0.816636	-1.22454	0.131623	0.557418	-1.79399	0.620142	0.835758	-1.19652	0.535748	0.798369	-1.25255	0.108271	0.8026787	0.533041	-1.87603	0.14351	1.75847	0.175847	0.0887455	0.509572	-1.96243	0.558283	1.23687	1.23687	0.591164	0.823069	-1.21496	0.54339	3.15189	1.81528	1
cg27030238	SOX4	0.276009	0.0637476	0.530729	-1.31234	0.6078306	0.75717	-1.3303	0.2602012	1.9172	1.9172	0.263881	1.95804	1.95804	0.0183429	0.3904455	-2.56208	0.601041	1.19325	1.19325	0.1512	0.2	7	7	0.042306	0.57	0.304799	0.50786	0.50786	1.54341	0.50786	0.36615	1
cg25050206	MFSD1;MFSD1	0.276009	0.715338	1.07068	1.68002	0.689776	0.0777	1.68002	0.0689776	0.676282	0.676282	0.227486	0.569141	0.569141	0.0178965	0.907743	-1.10163	0.38257	1.37497	0.413547	0.743741	-1.34455	0.432049	1.32958	1.32958	0.0185845	0.75991	2.75991	1.54337	0.309105	0.17826	1
cg11578385	ABL2;ABL2;ABL2;ABL2;ABL2	0.276013	0.587483	0.913781	-1.09435	0.0898093	1.36046	1.36046	0.029513	1.52486	1.52486	0.615188	0.919953	-1.08701	0.771401	1.04912	1.04912	0.445877	0.879932	-1.13645	0.391022	1.15566	1.15566	0.348406	1.17224	1.17224	0.957465	1.00882	1.00882	1.54337	0.662341	0.38147	1
cg26260962	DCUN1D3	0.276016	0.89597	1.0026	1.0026	0.0295714	0.780848	1.28056	0.556455	0.882633	1.13326	0.0842633	1.24126	1.24126	0.773703	0.9196345	-1.08768	0.8740524	1.14654	1.14654	0.0731901	0.578484	-1.72866	0.915004	0.9135482	1.00476	0.918912	0.726176	1.37708	1.54336	1.27335	0.732708	1
cg25660900	PHF15	0.276022	0.0552047	2.24906	2.24906	0.594648	0.82149	-1.2173	0.925779	0.966508	-1.03465	0.597279	1.22762	1.22762	0.533257	1.26006	1.26006	0.321631	1.45678	1.45678	0.0857109	0.493939	-2.02454	0.30927	0.679271	-1.47217	0.726381	1.13715	1.13715	1.59336	3.30225	1.61195	1
cg25344432	CDX1	0.276029	?	?	?	0.2047224	3.37549	3.37549	0.301889	0.926822	-1.08012	?	?	?	?	?	?	0.063015	6.43494	6.43494	0.196232	0.2885198	-3.46502	0.794519	1.26542	1.26542	0.858866	1.17396	1.17396	1.59291	13.4256	9.80229	1
cg26358338	CNTN5;CNTN5	0.276031	0.761284	1.05153	1.05153	0.1509006	1.13383	1.13383	0.624607	1.2469	1.2469	0.605893	0.917755	-1.08962	0.745626	1.05515	1.05515	0.938909	0.98744	-1.01272	0.301278	1.19317	1.19317	0.78527	0.955963	-1.04607	0.0120684	1.07557	1.07557	1.54331	0.66467	0.382826	1
cg26642174	VGLL4	0.276033	0.373605	0.772596	-1.29434	0.214531	1.44645	1.44645	0.0570464	1.83717	1.83717	0.316897	0.746560	-1.33946	0.873666	0.956047	-1.04597	0.338428	1.32147	1.32147	0.375188	0.773291	-1.29317	0.225871	0.698203	-1.43225	0.80815	1.07113	1.07113	1.5433	1.95034	1.12333	1
cg10298741	ZFHX3;ZFHX3	0.276034	0.373542	0.772596	-1.29434	0.214531	1.44645	1.44645	0.0570464	1.83717	1.83717	0.316897	0.746560	-1.33946	0.873666	0.956047	-1.04597	0.638624	1.32147	1.32147	0.375188	0.773291	-1.29317	0.225871	0.698203	-1.43225	0.80815	1.07113	1.07113	1.5433	1.95034	1.12333	1
cg08469845	KRT15	0.276038	0.186362	0.232645	-4.2984	0.861801	0.834123	-1.19886	0.642892	0.615062	-1.62585	0.826052	1.25748	1.25748	0.328351	0.349874	-2.85817	0.163081	0.212308	-4.71014	0.0415241	0.0865863	-11.5492	0.0424224	0.0877923	-11.3904	0.0416855	0.0470954	-2.12335	1.54328	26.4839	15.256	1
cg17009516	CA8IN1	0.276039	0.825946	0.928893	-1.07538	0.316569	1.07048	-1.40736	0.7852345	0.9338	0.9338	-1.09433	0.402325	0.7536617	-1.32693	0.0288332	0.427185	2.4409	0.584039	1.80018	1.82008	0.271475	0.45172	-2.21473	0.329023	1.39441	1.39441	0.289974	0.695827	-1.43714	1.54328	2.66226	1.53339	1
cg23756872	C18orf32	0.276039	0.0297808	0.719596	-1.38967	0.141962	1.22527	1.22527	0.811538	0.969731	-1.03121	0.930969	0.988913	-1.01121	0.810364	0.969541	-1.03142	0.817328	1.03022	1.03022	0.715485	0.953399	-1.04823	0.321508	1.14087	1.14087	0.234623	0.851884	1.17387	1.54328	2.40468	0.233088	1
cg00917642	CTBP1;CTBP1	0.276041	0.646215	1.20537	1.20537	0.0541886	2.41833	2.41833	0.0530145	2.43166	2.43166	0.90893	1.04762	1.04762	0.315805	0.657605	-1.52067	0.434669	0.724597	-1.38008	0.620029	0.8171104	-1.22383	0.714243	0.861894	-1.16024	0.83342	0.918408	-1.08884	1.54327	3.99197	2.29928	1
cg08592707	PPM1E	0.276043	0.954396	1.00463	1.00463	0.0129546	0.45602	-2.19297	0.324612	0.230648	-1.85146	0.120942	0.648774	-2.27067	?	?	?	0.623163	1.19525	1.19525	0.1512	0.2	7	7	0.042306	0.57	0.304799	0.50786	0.50786	1.5432	0.50786	0.36615	1
cg01309213	ARHGDIG;PDIA2	0.276043	0.240263	0.449651	-2.22395	0.320804	1.94806	1.94806	0.170476	2.58291	2.58291	0.989714	0.991655	-1.00841	0.228638	0.43984	-2.27356	0.364648	0.54577	-1.83227	0.218378	0.43101	-2.32013	0.0800519	0.282948	-3.53421	0.50989	0.64755	-1.54428	1.54326	10.3288	5.94919	1
cg09378408	UTRN	0.276044	0.304763	0.738342	-1.35423	0.262937	0.640596	-1.55016	0.0614656	0.458664	-2.18025	0.0173759	1.1484	1.1484	0.0466162	0.7568568	-1.32139	0.337027	0.815004	-1.22706	0.0816116	0.790861	-1.26486	0.656525	1.08066	1.08066	0.845263	-1.18306	0.782355	1.10962	1.10962	1.54326	1.48948	1
cg10597337	PSMD12;PSMD12	0.27605	0.256547	0.785583	-1.27294	0.714814	0.927944	-1.07765	0.33648	1.22379	1.22379	0.462528	1.16463	1.16463	0.258179	0.786289	-1.2718	0.169547	0.742157	-1.34742	0.397952	0.83831	-1.19288	0.178778	1.33787	1.33787	0.107725	1.699285	-1.43003	1.54324	1.01498	0.584618	1
cg24719827	GNA12 APBB3;APBB3;APBB3;SLC35A4;APBB3;A	0.276046	0.137045	0.775191	-1.29001	0.0739474	1.72354	1.72354	0.182847	0.966144	-1.03504	0.544922	1.10232	1.10232	0.360602	1.02722	1.02722	0.442388	0.882909	-1.13262	0.112693	0.759927	-1.31592	0.864101	0.900182	-1.11089	0.376682	1.55515	1.55515	1.54322	0.617849	0.355878	1
cg24802351	PBB3;APBB3;APBB3;APBB3	0.276062	0.334637	1.19115	1.19115	0.942782	0.987461	-1.0127	0.0760529	1.41487	1.41487	0.214724	0.794852	-1.2581	0.096284	1.37855	1.37855	0.73521	0.942072	-1.06149	0.212882	1.25938	1.25938	0.63541	0.919467	-1.08759	0.307338	1.20414	1.20414	1.5432	0.755291	0.43505	1
cg15589198	FAM58;FAM58	0.276062	0.752453	0.909154	-1.1001	0.2591	0.618	1.61618	0.0569383	1.51468	-1.17417	0.679314	1.12122	1.12122	0.650839	1.1336	1.1336	0.4145	1.13177	1.13177	0.0508	1.13678	1.13678	0.20596	1.44697	1.44697	0.0137254	2.13333	2.13333	1.5432	1.15296	1.18162	1
cg16736630	LOC643837	0.276064	0.263564	1.51984	1.51984	0.220421	0.629555	-1.58842	0.0723105	0.485786	-2.05558	0.194263	0.610641	-1.63762	0.845751

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Probeset ID	UCSC_REFGENE_NAME METTL21C;EF1BA;METTL21;METTSD1;	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(127T vs. N)	Fold-Change(127T vs. 117 vs. N)	p-value(152T vs. N)	Fold-Change(152T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 27 vs. N)	p-value(134T vs. N)	p-value(347T vs. N)	p-value(347T vs. 47 vs. N)	p-value(353T vs. N)	p-value(353T vs. 53T vs. N)	Fold-Change(53T vs. 53T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	F(Error)	SS(Test)	SS(Error)	df
cg14922377	METTSD1		0.276289		0.982147		0.996242		0.733411		0.943679		0.105968		0.220173	1.25078	0.198097	0.791686	-1.26313	0.035178	1.51112	1.51112		0.421611	1.14811	1.14811	0.909915	0.981138	-1.01923	0.172679	1.27656	1.27656	0.891918	0.977387	-1.02314	1.54245	0.69147	0.398484	1
cg02480489	ZDHHC7;ZDHHC7		0.276292		0.96564		0.976874		-1.02367		0.573397		1.36145		1.36145	1.912616		2.11487	2.11487	0.0195579		2.215992	-4.62981		0.578844		0.737454		-1.35602		0.776538		1.16715		1.16715	0.90362		1.06801		1.06801		0.560847		1.37632		1.37632		0.354089		0.595799		-1.67842		1.54244		7.20701		4.15331	1
cg22585042	JUP;JUP		0.276292		0.383358		1.24568		1.24568		1.25108		1.34274		1.34274	1.891332		1.93414	1.93414		1.039416		0.833113		0.983487		-1.05389		0.0753371		1.62679		1.62679		1.62679		0.0479107		0.57251		-1.74057		0.724351		1.09091		1.09091		0.615256		1.13263		1.13263		0.634293		0.888898		-1.12499		1.62444		1.47545		0.8502884	1
cg21489722	FAM99B		0.276295		0.449504		1.6908		1.6908		0.674831		-1.33117		0.382346	0.543104		-1.84127	-1.07262		0.301758		-1.33192		0.097405		0.284989		-1.45407		0.126098		3.08933		3.08933		0.665071		1.34562		1.34562		0.434033		1.72294		1.72294		0.537746		0.653613		-1.52996		1.42043		11.3464		6.53886	1
cg14167596	MSX1 SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SY		0.465501		0.722565		-1.38396		0.915079		1.04777		-1.57101		0.157337	1.63717		1.99717	1.997232		0.984443		-1.00152		0.676535		0.832301		-1.20149		0.218705		1.76117		1.76117		0.0758614		0.421315		-2.37352		0.0958032		0.449109		0.203613		0.036902		1.42642		4.67582		2.69466	1
cg07165793	NRG;SYNRG		0.276299		0.540626		1.12359		1.12359		0.562095		-1.89559		-1.11658	0.385061		1.18238	1.18238		0.431216		1.16315		1.16315		0.0979377		1.4071		1.4071			0.991759		1.00194		1.00194		0.281761		1.23421		1.23421		0.372256		1.18807		1.18807		0.0185908		1.71055		1.71055		1.54241		0.864492		0.498205	1
cg24069840	TMEM120A		0.27263		0.111361		0.77678		-1.28737		0.0821049		1.26326		1.26326	0.228001		1.20109	0.636811		0.107083		0.107083		0.267995		0.846301		-1.18161		0.66676		0.93958		-1.06431		0.410111		0.885603		-1.12917		0.987195		1.13654		1.13654		0.841787		1.02915		1.02915		0.53235		0.51002		0.249117	1
cg16500018	STXBP2;STXBP2		0.276303		0.756691		0.927764		-1.07786		0.29868		0.771144		-1.29677	0.0955761		1.55535	1.55535		0.478919		0.840583		-1.18965		0.226092		1.35888		1.35888			0.655453		0.897315		-1.11444		0.771183		0.932064		-1.07289		0.221144		0.733237		-1.36382		0.107687		1.52734		1.52734		1.5424		1.4218		0.819387	1
cg0315452	PDMP		0.276307		0.549853		1.44993		1.42393		0.505336		-1.42117		-1.42117	0.188479		0.900789	-1.11004		0.157704		0.421985		0.214252		0.225207		1.11841		1.11841			0.879483		1.09289		1.09289		0.327884		4.5775		4.5775		0.0495116		2.09154		0.585738		1.38012		1.38012		1.5424		8.37129		4.8244	1
cg12588200	SUGT1L1;SLC25A15		0.276304		0.148953		0.449113		-2.22661		0.387205		0.6323		-1.58153	0.631795		0.782165	-1.2785		0.604733		0.763341		-1.31003		0.0300343		0.267168		-3.74296			0.30132		0.574731		-1.73995		0.0622759		2.39057		2.99352		2.10497		1.00497		0.155549		0.4557		-2.19443		1.5424		6.53387		3.76549	1
cg01129904	PIGV		0.276304		0.979886		0.980222		-1.00957		0.458364		0.751825		-1.3301	1.583356		0.888089	-1.23626		0.0997619		0.407348		-2.4549		0.717035		1.14018		1.14018			0.0739399		0.947283		-1.12638		0.791507		0.905236		-1.10472		0.191516		1.42791		1.42791		0.53888		1.29817		1.42617		1.5424		2.60904	1
cg07247103	BANP;BANP		0.276306		0.238992		0.758527		-1.31832		0.0908093		1.51822		1.51822	0.210312		1.94427	1.94427		0.494637		1.56816		1.56816		0.310924		0.677577		-1.47585			0.426033		0.833464		-1.19981		0.962488		1.0106		1.0106		0.365597		0.811934		-1.23163		0.937998		1.01759		1.01759		1.54239		1.22608		0.707116	1
cg18264803	SCS2;SCS2;ACSS2;ACSS2;ACSS2		0.276306		0.0867538		1.58348		1.58348		0.762661		1.07636		1.07636	0.32471		1.28028	1.28028		0.603211		1.13587		1.13587		0.360389		0.795772		-1.25664			0.123491		1.4998		1.4998		0.447339		0.828488		-1.20702		0.453752		0.830765		-1.20371		0.17961		0.707313		-1.4138		1.54239		1.44183		0.830935	1
cg25705091	ARPC2A		0.276308		0.0588565		0.782332		-1.27823		0.296584		0.882886		-1.13265	0.708044		0.957645	-1.12487		0.297315		0.896144		-1.11589		0.330523		1.12245		1.12245			0.147021		1.09917		1.09917		0.186335		1.17489		1.17489		0.605155		1.06184		1.06184		0.322271		1.12483		1.12483		0.54238		0.306323		0.186323	1
cg02503850	ADAMTS14;ADAMTS14		0.276316		0.144748		1.30639		1.30639		0.743293		1.05768		1.05768	0.33299		1.18578	1.18578		0.441495		1.15307		1.15307		0.619271		1.08923		1.08923			0.877227		1.02673		1.02673		0.900923		0.978972		-1.02148		0.110475		1.34552		1.34552		0.0164349		1.64918		1.64918		0.542636		0.711219		0.409889	1
cg25305736	GSR		0.276319		0.36777		0.503789		-1.98496		0.202531		1.32891		1.32891	0.325359		2.12891	2.12891		0.921376		0.929364		-1.076		0.0720352		0.229832		-4.42847			0.236396		0.398752		-1.50783		0.0881492		0.240258		-4.0119		0.436232		1.8015		1.8015		0.250734		0.410912		-2.43361		1.54235		13.4149		7.73131	1
cg27227375	SIDT2		0.276321		0.110095		0.972572		-1.02775		0.0288515		0.193311		-1.57301	0.352824		-1.83254	0.952615		0.0958044		0.313807		-1.38667		0.495176		0.644099			0.449157		0.644809		-1.55085		0.885958		0.910093		-1.09516		0.278379		0.48964		-2.04232		0.197851		0.422193		-2.36858		1.54234		9.80443		5.65054	1
cg09385936	C14orf68		0.276322		0.112538		0.244929		-4.08281		0.645396		1.45837		1.45837	0.788888		1.24425	1.24425		0.359761		0.464518		-2.15277		0.104143		0.235324		-4.24946			0.480088		0.557354		-1.79419		0.0278137		0.120358		-8.30853		0.364593		0.468207		-2.1354		0.576731		0.631798		-1.58278		1.54234		16.1979		9.33528	1
cg01370179	HCFC1		0.276324		0.40947		0.525341		-1.90301		0.378002		0.954312		1.05142	0.671564		1.45322	1.45322		0.378535		1.23292		1.23292		0.180772		0.29564		-3.38344			0.349444		0.479511		-2.08546		0.443059		0.591006		0.718225		-1.39161		0.72042		-1.38806		0.0133426		0.474661		1.47461		1.54233		14.2237		8.19751	1
cg16799961	EIF5B;TXNDC9		0.276325		0.129855		0.613349		-1.62986		0.290273		0.720602		-1.38773	0.648834		1.12955	1.12955		0.892878		0.960574		-1.04104		0.638132		0.868118		-1.15192			0.0909832		0.573584		-1.74342		0.121127		1.65166		1.65166		0.517205		1.21658		1.21658		0.368438		1.31758		1.54233		2.17719		1.25478	1
cg05517400	CDK5;CDK5		0.276326		0.183401		0.307155		-3.25568		0.0166041		0.086708		-11.533	0.151279		0.276289	0.61594		0.451347		0.526378		-1.89977		0.166405		0.291102		-3.41416			0.261132		0.375294		-2.66458		0.590194		0.634653		-1.57565		0.329008		0.929069		-1.07635		0.877847		0.879306		-1.13726		0.54232		17.0827		9.84828	1
cg07703976	ABCA13		0.276333		0.509387		1.37332		1.37332		0.112421		1.26851		1.26851	0.951971		1.02896	1.02896		0.793801		1.13219		1.13219		0.840987		0.909181		1.09989			0.738443		1.17215		1.17215		0.0154644		4.08789		4.08789		0.143683		2.10571		2.10571		0.673754		1.22225		1.22225		1.5423		5.48733		3.16257	1
cg10136168	POMT2		0.276337		0.389167		0.597624		-1.67329		0.0951274		2.91465		2.91465	0.034599		4.20922	4.20922		0.183604		2.27725		2.27725		0.644649		0.775261		-1.28989			0.540884		1.43491		1.43491		0.629937		0.753369		-1.32737		0.769839		1.18666		1.18666		0.815264		1.14629		1.14629		1.5423		8.31197		4.79056	1
cg14993486	SOX5		0.276343		0.497321		0.780694		-1.28074		0.309646		0.0152477		0.227096		0.0975645	0.488993	-1.54287		0.297521		0.313202		0.0123228		0.0185455		0.0950325		0.109145			0.536233		0.732682		-1.36552		0.0127102		0.0896344		-1.11569		0.330533		1.12245		1.12245			0.247071		1.09917		1.09917		0.186335		1.17489		1.17489		0.605155		1.06184		1.06184		0.322271		1.12483		1.12483		0.54238		0.323304		0.186323	1
cg25288420	GIPC2;GIPC2		0.276343		0.488102		2.43666		2.43666		0.448808		2.65309		2.65309	0.811513		0.739285	-1.35266		0.796609		0.721497		-1.38601		0.284686		0.245328		-4.07618			0.94531		0.916914		-1.09062		0.623907		0.535339		-1.86797		0.0435425		18.8141		18.8141		0.0618587		14.2799		14.2799		1.5427		39.0508		22.507	1
cg10325411	CD36;CD36;CD36;CD36;CD36		0.276343		0.36314		0.574552		-1.74049		0.852554		0.90579		-1.10401	0.515357		0.649265	-1.47862		0.278159		0.552402		-1.05158		0.0880651		0.189421		-5.27924			0.229741		0.47169		-2.11939		0.0677847		0.0729181		-2.22612		0.155827		0.471071		-2.12382		0.155827		0.458728		4.94929		3.61272	1
cg05068442	TM2D1		0.276344		0.388691		1.21822		1.21822		0.117476		0.683931		-1.46214	0.268032		1.29406	0.992081		0.00222		0.00222		0.537855		0.0307135		0.787624		-1.26964			0.184221		0.38405		-2.60345		0.0014295		0.0004825		-3.96496		0.0001466		0.115607		0.302345		1.04045		1.04045		1.54226		2.21943		0.702825	1
cg11100126	CHRNA7		0.276344		0.20178		0.461992		-2.16454		0.382798		1.66986		1.66986	0.648622		1.26357	1.26357		0.900601		1.07421		1.07421		0.0387296		0.253767		-3.94062			0.0853033		0.336278		-2.97373		0.926252		1.05447		1.05447		0.296409		0.537813		-1.85938		0.764664		0.841983		-1.18767		1.54226		8.01675		4.62049	1
cg12082568	CITED2;CITED2;CITED2		0.276345		0.345746		0.829103		-1.20604		0.0944369		0.184521		-5.41452	0.371666		1.0009	1.0009		0.0010631		1.10954		1.10954		0.0279722		0.0494621		2.11897			0.101123		1.1035		1.1035		0.0508318		1.08089		1.08089		0.64246		1.07376		1.07376		0.546256		0.565919		0.736152		1.54226		0.32617		0.32617	1
cg05780020	MAD1L1;MAD1L1;MAD1L1		0.276345		0.817154		0.59582		1.40913		0.213484		1.23484		1.23484	0.841912		1.05137	1.05137		0.735145		1.47161		1.47161		0.473592		1.20063		1.20063			0.0560992		1.72078		1.72078		0.0210609		2.0059		2.0059		0.66754		1.1145		1.1145		0.885522		1.0368		1.0368		1.5426		1.5735		0.886004	1
cg06437840	HLA-DPB1		0.276353		0.0174562		0.0107455		0.0004554		0.0133244		0.0133244		0.0115753	0.0004005		0.00745	0.00745		0.0004005		0.0115753		0.0004005		0.0004554		0.0133244		0.0133244			0.0178566		0.11896		0.11896		0.0004554		0.0133244		0.0133244		0.0115753		0.0004005

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs.057 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs.111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs.112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs.121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(1 vs.347T 47T vs. N)	p-value(353T vs. N)	Fold-Change(1 vs.353T 53T vs. N)	p-value(537T vs. N)	Fold-Change(1 vs.537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(1 vs.563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg16910047	RFC1	0.276701	0.801975	1.04574	0.145574	1.608207	1.09681	1.09681	0.394939	1.16772	1.16772	0.102743	0.729398	-1.37099	0.0167547	1.6949353	0.393446	1.855929	-1.16832	0.529818	1.11993	1.01297	1.0975	0.1075	0.4137013	0.861821	1.16303	1.54108	0.72288	0.4458853	1
cg10800146	RASA3	0.276703	0.94241	0.963436	-1.03795	0.786698	0.986328	-1.01386	0.222627	0.516457	-1.93627	0.943366	1.037311	1.037311	0.433026	0.661991	1.515059	0.685762	1.23333	1.233333	0.357045	0.613626	-1.62966	0.0174522	4.44562	4.44562	0.978034	1.01043	1.1041	0.48786	3.74219	1
cg18322516	PRDX2	0.276704	0.438122	0.591778	-1.68982	0.764314	1.22074	1.22074	0.871294	1.11355	1.11355	0.0439388	0.215281	-4.64509	0.0419791	0.211272	-4.73323	0.691632	1.07165	1.07165	0.267945	0.465124	-2.14997	0.290885	0.483338	-2.06895	0.249666	0.450209	-2.22119	0.154107	10.7393	6.19442	1
cg08036092	KRT72;KRT72;KRT72	0.276706	0.0654158	0.243984	-4.09891	0.485651	0.616756	-1.62154	0.0826822	0.269552	-3.70986	0.791587	0.694972	-1.19801	0.0421644	0.202554	-4.93744	0.353798	0.521627	-1.91716	0.358779	0.525347	-1.9035	0.133334	0.331349	-3.01797	0.305919	0.485236	2.060885	0.54106	11.3572	6.550888	1
cg24795297	SLC38A1;SLC38A1	0.276707	0.0417621	0.611796	-1.63453	0.656118	1.03817	1.09837	0.316642	1.24203	1.24203	0.670197	0.914212	-1.09384	0.0806208	0.666521	-1.50033	0.211724	0.759238	-1.31711	0.553101	0.881923	-1.13389	0.844801	0.95982	-1.04186	0.652258	1.09963	1.09963	0.14506	1.06987	0.617105	1
cg25928356	TMEM144	0.276709	0.646505	0.904508	-1.10557	0.245353	0.768149	-1.30183	0.792107	0.944271	-1.05902	0.0681274	0.641829	-1.55805	0.152892	0.7172508	-1.39418	0.9096608	1.00011	1.00011	0.838931	1.04517	1.04517	0.884856	1.03196	1.03196	0.0744757	1.53937	1.53937	1.54105	1.15009	0.663381	1
cg01370241	VWCE	0.276717	0.927941	0.970279	-1.03063	0.109238	1.79059	1.79059	0.0326005	2.30299	2.30299	0.323027	1.40564	1.40564	0.356035	1.37254	1.37254	0.454988	1.28896	1.28896	0.0526832	2.08486	2.08486	0.519913	1.24306	1.24306	0.318667	1.41026	1.41026	1.54102	2.7155	1.56635	1
cg09035925	RIN2	0.276719	0.416214	0.579805	-1.73169	0.0840957	0.282061	-1.54533	0.0201659	0.156561	-6.38545	0.676105	0.757121	-1.33079	0.864761	1.1195	1.1195	0.343651	0.524141	-1.90788	0.873962	1.11178	1.11178	0.517585	1.51188	1.51188	0.929491	0.940378	-1.06036	1.54102	10.7025	6.17341	1
cg01909856	NOTCH1	0.276726	0.623513	0.754467	-1.32548	0.0232922	0.213529	-4.68321	0.141283	0.665117	-1.50349	0.965078	0.975376	-1.02525	0.956254	0.4502511	-2.17746	0.1236354	0.461011	-2.16915	0.0196946	0.370393	-2.69983	0.326154	0.56141	-1.78123	0.608809	1.34059	1.34059	0.79144	4.56529	1
cg24268035	LHPP;LHPP	0.276731	0.378448	2.04664	2.04664	0.6656069	5.14299	5.14299	0.0337968	7.13037	7.13037	0.418336	1.92601	1.92601	0.269494	2.48778	2.48778	0.1236554	3.74962	3.74962	0.287378	2.40011	2.40011	0.46326	1.80712	1.80712	0.12488	3.73092	3.73092	1.54097	15.3307	8.84331	1
cg17627526	PCYT1B;PCYT1B;PCYT1B SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORB	0.276738	0.0942062	0.820805	-1.21844	0.494164	1.69577	1.69577	0.0188088	2.93283	2.93283	0.0943311	1.55955	1.55955	0.0379227	2.1454663	-1.08898	0.9243311	1.02625	0.956549	1.04507	1.04507	0.855288	1.12377	1.12377	0.0887796	-1.19219	0.0960968	1.02043	1.02043	1.54095	0.970107	0.757175	1
cg25007946	S1SORBS1;SORBS1	0.27674	0.677632	1.22695	1.22695	0.044219	3.09832	3.09832	0.08101009	2.5768	2.5768	0.480146	0.703866	-1.43073	0.925424	0.955236	-1.04686	0.548821	1.34545	1.34545	0.331307	0.612394	-1.63294	0.786953	1.14173	1.14173	0.350883	0.625214	-1.59945	1.54095	5.84206	3.36997	1
cg09084256	C22orf42	0.276745	0.55919	0.764869	-1.30741	0.0888155	2.34404	2.34404	0.200751	1.84652	1.84652	0.502601	0.734333	-1.36178	0.0474414	0.357297	-2.79879	0.603361	0.788281	-1.26858	0.656044	0.815913	-1.22562	0.827067	0.905472	-1.1044	0.787726	0.884716	-1.13031	1.54093	5.02693	2.8998	1
cg14376679	PHF19	0.276754	0.247168	5.74732	5.74732	0.169473	8.29108	8.29108	0.108455	12.5605	12.5605	0.224361	6.32525	6.32525	0.716322	1.69453	1.69453	0.381512	3.65881	3.65881	0.218042	6.50494	6.50494	0.0385649	31.9192	31.9192	0.0747279	17.6169	17.6169	1.5409	50.9709	29.4032	1
cg09197965	TUBA4B;TUBA4B	0.276764	0.171208	0.73834	-1.35439	0.5773911	1.12435	1.12435	0.516803	1.14663	1.14663	0.722156	1.02072	1.02072	0.883681	0.995751	-1.00427	0.1946113	0.755142	-1.32478	0.0493746	0.626878	-1.59521	0.898555	1.02691	1.02691	0.166596	1.35945	1.35945	1.54087	1.25081	0.610338	1
cg00449541	PSD3;PSD3	0.276764	0.287771	0.438207	-2.28203	0.0182948	0.117557	-8.50648	0.076706	0.229518	-4.35696	0.991474	1.00802	1.00802	0.201987	0.365267	-2.73772	0.5200324	0.614165	-1.62823	0.398998	0.5244061	-1.90692	0.527729	0.619844	-1.61331	0.978598	0.980146	-1.02026	1.54087	13.639	7.86736	1
cg12154103	ADCK4;ADCK4	0.276765	0.551327	0.809231	-1.23536	0.538568	0.838952	-1.19196	0.485259	0.881409	-1.13455	0.181695	0.776962	-1.28706	0.595281	0.782615	-1.27813	0.108409	0.73217	-1.3658	0.0818922	0.2005513	-4.98942	0.0916545	0.679231	-1.47225	0.513848	1.1187	1.1187	1.54086	0.771284	0.44609	1
cg17138785	WDR26;WDR26	0.276766	0.0584244	0.997366	-1.00256	0.153823	1.14943	1.14943	0.285008	1.29295	1.29295	0.513434	0.8597568	-1.1631	0.938996	0.982447	-1.01787	0.617056	0.88951	-1.12371	0.0547979	1.65523	1.65523	0.700092	1.09368	1.09368	0.83101	1.05069	1.05069	1.54086	1.30627	0.753561	1
cg07159131	TRPC3	0.276771	0.142648	0.61369	-1.62949	0.851454	0.943567	-1.05981	0.649151	0.867689	-1.15249	0.636233	1.15908	1.15908	0.421857	1.28947	1.28947	0.770967	0.913522	-1.09466	0.0213501	2.35632	2.35632	0.43888	1.27716	1.27716	0.911508	0.966139	-1.03505	1.54084	2.34301	1.35165	1
cg04040155	UXS1	0.276778	0.145788	0.834332	-1.19824	0.5765514	1.18757	1.18757	0.284813	1.20955	1.20955	0.81821	0.8582004	-1.16509	0.1102404	0.8972748	-1.11748	0.2656571	0.462835	-2.1606	0.168178	0.3770303	-2.65229	0.340876	0.593115	-1.55679	0.354525	0.531198	-1.88254	1.54082	10.7649	6.21019	1
cg16227684	GDI1	0.276786	0.219576	0.353014	-2.83275	0.814985	1.20812	1.20812	0.310611	2.33073	2.33073	0.316569	2.24341	2.24341	0.0427189	0.563666	0.563666	0.416592	0.518893	-1.95353	0.205421	0.340444	-2.93734	0.742088	1.30521	1.30521	0.985217	1.01506	1.01506	1.54079	15.8752	9.15844	1
cg10043760	TMBIM4	0.276792	0.267047	0.486529	-1.55808	0.438421	1.02527	1.02527	0.852157	1.02596	1.02596	0.176838	0.8289782	-1.20501	0.624107	0.9041011	-1.06269	0.6895648	0.85015	-1.17635	0.375736	0.688978	-1.44953	0.612754	0.82868	-1.20668	0.455948	1.10367	1.10367	1.54078	0.811792	0.237567	1
cg17555470	OTOP2;USH1G	0.276802	0.192263	0.629065	-1.58966	0.417925	0.782127	-1.27856	0.777699	0.909322	-1.09972	0.737274	1.11971	1.11971	0.427814	0.782526	-1.27791	0.9345115	0.972779	-1.02798	0.0194006	3.887018	-2.58386	0.0877208	0.531005	-1.88322	0.294015	1.693823	1.44129	1.54074	2.75225	1.58784	1
cg02625590	TMEM91	0.276805	0.93384	0.963602	-1.03777	0.504821	1.35285	1.35285	0.128886	2.08099	2.08099	0.360502	1.52167	1.52167	0.549211	0.762894	-1.3108	0.2579559	0.590001	-1.69491	0.180477	0.529887	-1.88719	0.418821	0.702837	-1.4228	0.0965585	2.25858	2.25858	1.54073	4.86634	2.80752	1
cg15647725	SLC1A7	0.276805	0.0681825	0.611247	-1.63639	0.363593	0.956166	-1.30768	0.518954	0.786264	-1.27184	0.748216	0.6757253	-1.54853	0.1218616	0.6475775	-1.54453	0.7517656	1.14411	1.14411	0.0843444	0.6454557	-2.25457	0.1704102	1.15109	1.15109	0.323648	0.648897	-1.54108	0.54073	4.39219	2.33368	1
cg22345911	CSNK1D;CSNK1D;CSNK1D;CSNK1D	0.276811	0.344913	0.714805	-1.39898	0.31806	0.700351	-1.42786	0.598041	1.20156	1.20156	0.238765	1.53086	1.53086	0.289447	1.46153	1.46153	0.6682042	0.494224	-2.02337	0.133197	0.5717135	-1.74906	0.720864	1.13182	1.13182	0.824995	1.07943	1.07943	1.54071	2.90449	1.67685	1
cg21655115	GPRASP1;GPRASP1;GPRASP1	0.276815	0.372668	0.452576	-2.20945	0.332276	0.0961097	-10.4048	0.763285	0.27584	-3.6233	0.9613128	1.32922	1.32922	0.3397201	0.749259	-1.33457	0.1748916	0.621388	1.6093	0.0447292	0.2235155	4.47442	0.0764546	0.0242695	41.2272	0.0239376	0.0242695	41.2272	0.0239376	0.0242695	41.2272	0.0239376

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change|1047 vs. N)	p-value|105T vs. N)	Fold-Change|105T vs. N)	p-value|111T vs. N)	Fold-Change|111T vs. N)	p-value|112T vs. N)	Fold-Change|112T vs. N)	p-value|121T vs. N)	Fold-Change|121T vs. N)	p-value|121T vs. Change|121T vs. N)	Fold-Change|121T vs. N)	p-value|347T vs. N)	Fold-Change|347T vs. N)	p-value|353T vs. N)	Fold-Change|353T vs. N)	p-value|537T vs. N)	Fold-Change|537T vs. N)	p-value|563T vs. N)	Fold-Change|563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13046756	SYT8		0.277189	0.372396	0.700318	-1.42833	0.0880155	0.08754	2.08754	2.360065	0.6592286	-1.44241	0.4915557	0.7614877	-1.31255	0.0364249	0.3880916	-2.57772	0.859523	0.980436	-1.03995	0.746304	1.1347	1.1347	0.9654	1.01701	0.1701	0.4444443	0.7738236	-1.35458	1.53946	3.695033	2.13352	1
cg12699156	SHBG;FXR2		0.27719	0.0212905	0.154273	-6.482	0.665071	0.745185	-1.34195	0.742299	0.800227	-1.24965	0.930399	1.06076	1.06076	0.134597	0.336442	-2.97228	0.326273	0.504404	-1.98254	0.349701	0.52203	-1.9156	0.266208	0.45736	-2.18646	0.0910073	0.2844475	-3.51525	1.53945	11.1172	6.41915	1
cg25597060	MICAL3;MICAL3		0.277192	0.130749	1.59702	1.59702	0.70089	1.11709	1.11709	0.819913	0.936677	-1.0676	0.835282	1.06155	1.06155	0.259982	1.40086	1.40086	0.2818041	1.06954	1.06954	0.0135819	2.40151	2.40151	0.784467	1.08183	1.08183	0.2444164	1.41843	1.41843	1.539645	2.00659	1.15862	1
cg23636099	MGC13005;MGC13005		0.278212	0.368521	0.677194	-1.47568	0.260492	0.16769	1.67093	0.577696	1.3877	1.2887	0.89682	1.06025	1.06025	0.131515	0.479888	-2.08381	0.4581808	0.7113508	-1.40586	0.178501	0.524868	-1.90524	0.249317	0.5805	-1.72112	0.0521875	0.369938	-2.70724	1.53945	4.958226	2.86294	1
cg27380500	MAP2K4		0.27722	0.466233	1.17473	1.17473	0.140805	1.41066	1.41066	0.628431	1.11172	1.11172	0.069433	0.632091	-1.58205	0.374502	0.820713	1.21845	0.68257	0.914567	-1.09341	0.139804	0.708178	-1.41207	0.517804	0.867269	-1.15304	0.585988	1.12687	1.13942	1.15005	0.664059	1
cg21127286	2-CHRM2;CHRM2;CHRM2		0.277201	0.186639	1.17956	1.17956	0.0858523	1.25099	1.25099	0.225772	1.1619	1.1619	0.390344	1.10942	1.10942	0.251815	0.868295	-1.15168	0.104272	1.23306	1.23306	0.689469	1.04852	1.04852	0.520374	1.07989	1.07989	0.401616	0.90369	-1.10657	1.53942	0.330284	0.195909	1
cg23075286	GAUP;GAUP		0.277209	0.562601	0.793947	-1.25953	0.742527	1.13876	1.13876	0.804311	1.1028	1.1028	0.880754	0.908847	-1.1003	0.506225	1.30454	1.30454	0.26762	1.57605	1.57605	0.025335	2.85167	2.85167	0.755889	1.1308	1.1308	0.0558505	2.3488	2.3488	1.53939	3.76796	2.18728	1
cg20095426	OGFR		0.277213	0.0413506	2.58206	2.58206	0.701888	1.16771	1.16771	0.577549	1.12215	1.12215	0.982693	0.991289	-1.00879	0.771174	0.860762	-1.16176	0.532775	1.29007	1.29007	0.0499913	2.46226	2.46226	0.416618	1.39749	1.39749	0.284631	0.638861	-1.56529	1.53938	9.362737	2.28705	1
cg19844101	DKK3;DKK3;DKK3		0.277221	0.652928	1.16989	1.16989	0.0863259	1.92863	1.92863	0.467357	1.2922	1.2922	0.500126	1.26776	1.26776	0.147437	1.39843	1.39843	0.4778219	1.28423	1.28423	0.016521	2.75975	2.75975	0.147087	1.71488	1.71488	0.282777	1.47236	1.47236	1.539355	2.929334	1.69153	1
cg27429195	ADAM8;2		0.277225	0.110967	1.52482	1.52482	0.0905432	1.30051	1.30051	0.559966	-1.64279	0.0915917	0.500468	-1.99825	0.872677	0.942193	1.03265	1.03265	0.7826487	1.02405	1.02405	0.884187	1.01829	1.01829	0.826963	1.02025	1.02025	0.9447485	1.01758	1.01758	0.218191	1.63826	1.617751	1.539355	3.60553	1.94052	1
cg26765579	UMF1		0.27238	0.337449	0.765802	-1.30582	0.270245	0.73363	1.36309	0.703231	0.901876	-1.1088	0.518784	0.8382024	-1.19303	0.150063	1.51639	1.51639	0.883212	1.04046	1.04046	0.15228	1.5125	1.5125	0.844174	0.967054	0.967054	0.673555	0.351372	1.29537	1.39533	1.77407	1.02496	1
cg20591609	SHROOM3;SHROOM3		0.277229	0.417567	1.29171	1.37123	0.502497	1.39888	1.39888	0.112625	0.524754	1.90565	0.427196	1.36548	1.36548	0.065505	0.448546	-2.23942	0.148939	0.551694	-1.8126	0.19327	0.675346	-1.48512	0.0419014	0.884096	-1.1311	0.429575	0.733564	-1.36321	1.53932	3.59962	2.07862	1
cg25480682	PDE4D;PDE4D;PDE4D		0.277232	0.925346	1.01629	1.01629	0.928256	1.01565	1.01565	0.919405	1.2959	1.2959	1.260206	0.81673	-1.2244	0.779957	1.04946	1.04946	0.5312201	1.11554	1.11554	0.0305493	1.54977	1.54977	0.280018	1.21359	1.21359	0.375601	0.854915	-1.16971	1.53931	0.724451	0.41834	1
cg25354657	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2		0.277232	0.696397	0.924578	-1.08157	0.85157	1.03817	1.03817	0.357876	0.833818	-1.1993	0.0733737	0.670811	-1.49073	0.819029	1.0469	1.0469	0.704026	1.07932	1.07932	0.0478853	1.57199	1.57199	0.250487	1.27143	1.27143	0.870951	1.03305	1.03305	1.53931	0.975002	0.563022	1
cg06171406	ADCY9		0.277233	0.195777	0.659422	-1.51648	0.267364	0.703509	-1.42145	0.692201	1.12874	1.12874	0.569622	0.839539	-1.19113	0.554553	1.19953	1.19953	0.7446663	0.905323	-1.10458	0.033959	2.12428	2.12428	0.24021	1.45392	1.45392	0.981487	0.992963	-1.00709	1.53931	2.25832	1.30408	1
cg02049847	RIS1		0.277234	0.499864	0.899617	-1.11148	0.134923	1.12656	1.28266	0.163448	1.28266	1.28266	0.163448	1.28266	1.28266	0.163448	1.28266	1.28266	0.897229	0.980238	-1.02014	0.767536	0.955042	-1.04685	0.728551	0.947608	-1.05529	0.777564	1.35462	1.53931	0.581635	0.335871	1
cg02497175	NLK		0.277244	0.649414	0.932009	-1.07295	0.960561	1.00764	1.00764	0.975442	1.28839	1.28839	0.553071	1.09724	1.09724	0.396462	1.14498	1.14498	0.228304	1.82131	1.82131	0.124887	3.09431	3.09431	0.144356	1.14356	1.14356	0.557064	0.912677	-1.09568	0.541191	0.714396	1.39978	1.5393	0.577105	0.333257	1
cg17000199	FUT9		0.277246	0.270817	0.663228	-1.50778	0.684264	1.1577	1.1577	0.246545	1.54345	1.54345	0.762379	1.11473	1.11473	0.615491	0.834118	-1.19887	0.82309	0.922929	-1.08351	0.0615795	2.12587	2.12587	0.0621898	2.1212	2.1212	0.315486	1.45026	1.45026	1.53927	3.12742	1.806	1
cg04802801	PPP1R11		0.277246	0.871966	0.979504	-1.02081	0.456556	1.30002	1.30002	0.31955	1.13535	1.13535	0.879711	1.03955	1.03955	0.426121	1.10882	1.10882	0.153682	0.822626	1.21562	0.160776	2.12755	2.12755	0.393932	0.864845	-1.15671	0.7036	0.952312	-1.05008	1.53927	0.398336	0.230029	1
cg01302745	FLYWCH1;FLYWCH1		0.277247	0.973823	1.01943	1.01943	0.430616	0.62384	-1.60298	0.34279	0.563669	-1.77409	0.395416	1.66616	1.66616	0.0225463	0.201421	-4.96474	0.246919	0.491563	-2.03433	0.132893	0.386335	-2.58843	0.95947	0.970632	-1.03026	0.371012	0.583448	-1.71395	1.53926	8.38755	4.84361	1
cg11553645	ADAMTS2;ADAMTS2		0.277257	0.277007	1.1717	1.1717	0.137341	1.44117	1.44117	0.12042	1.44117	1.44117	0.12042	1.44117	1.44117	0.12042	1.44117	1.44117	0.1383133	0.754764	-1.32494	0.0199555	3.6373	3.6373	0.146373	1.49056	1.49056	0.0875551	1.49056	1.49056	1.53927	3.08923	2.00766	1
cg07612497	SLC26A6;SLC26A6;SLC26A6		0.277258	0.0355671	1.90337	1.90337	0.45906	1.21935	1.21935	0.207608	1.41843	1.41843	0.859926	1.04756	1.04756	0.541605	0.8499779	1.1765	0.27366	0.741064	-1.34941	0.331619	1.30147	1.30147	0.483262	0.8290888	-1.20615	0.477518	0.826901	-1.20933	1.53923	1.68698	0.974208	1
cg11468354	PLXDC2		0.277257	0.347678	0.832731	-1.20087	0.619917	0.90994	-1.09927	0.078107	0.690348	-1.44854	0.614732	1.10084	1.10084	0.280765	1.23644	1.23644	0.3555578	1.19709	1.19709	0.184271	1.30554	1.30554	0.302428	1.22413	1.22413	0.225221	1.27268	1.27268	1.53923	0.873621	0.504506	1
cg05609751	LIBE2;LIBE2;LIBE2		0.277258	0.456097	0.897002	-1.11371	0.270453	0.849485	-1.17745	0.313681	0.8371913	-1.1469	0.5003	0.8371913	-1.1469	0.5003	0.8371913	-1.1469	0.1460756	0.801388	-1.24774	0.191936	1.21698	1.21698	0.822149	0.9685	-1.03252	0.220955	1.20073	1.20073	1.53923	0.492704	0.284532	1
cg03346041	ARFGEF1		0.277262	0.97626	0.997425	-1.00258	0.324512	0.915602	-1.09218	0.545512	1.05445	1.05445	0.103146	0.856845	-1.16707	0.0912284	1.17492	1.17492	0.4386667	1.07085	1.07085	0.566716	1.05147	1.05147	0.571205	1.05084	1.05084	0.11247	1.16154	1.16154	1.53922	0.183082	0.105729	1
cg04716261	ACTRT2		0.277265	0.0889951	0.482744	-2.0708	0.974073	0.943608	-1.06089	0.853183	0.874581	-1.14358	0.992855	1.00875	1.00875	0.960484	1.04172	1.04172	0.7226114	0.870766	-1.14841	0.0456346	2.40632	2.40632	0.246113	1.20987	1.20987	0.521921	0.826893	-1.20966	1.53921	3.67481	2.1222	1
cg13337865	TEKT1;TEKT1		0.277265	0.235646	0.812892	-1.23018	0.367826	1.16671	1.16671	0.626031	0.921402	-1.0853	0.583196	0.91177	-1.09677	0.384733	1.22278	1.22278	0.723777	0.94257	-1.06093	0.0136304	0.66652	-1.50033	0.352583	0.852615	-1.17286	0.372568	1.16484	1.16484	1.53921	0.67726	0.391116	1
cg25639138	WS118;WS118		0.27727	0.953433	0.986907	-1.01327	0.0698296	1.5802	1.5802	0.925348	1.02138	1.02138	0.468528	0.866667	-1.1811	0.057592	1.62353	1.62353	0.473727	0.848367	-1.17874	0.125509	1.45382	1.45382	0.445912	1.19167	1.19167	0.94831	0.985475	-1.01474	1.53919	1.24162	0.717039	1
cg13480549	PBKCZ;PBKCZ;PBKCZ		0.277267	0.0377397	1.42467	1.42467	0.215579	0.96647	-1.03467	0.859122	1.59122	1.59122	1.36634	0.935171	-1.06974	0.0614248	1.74363	1.74363	0.539445	1.36865	1.36865	0.468735	0.8997282	0.8997282	-1.11121	0.9963	-1.00378	0.985211	0.985475	-1.01474	1.53919	1.24162	0.717039	1
cg26570985	STK10		0.277271	0.0275018	0.536914	-1.86251	0.589946	0.878286	-1.13858	0.636508	1.12026	1.12026	0.606791	1.13181	1.13183	0.057036	0.598301	1.6714	0.641331	1.11842	1.11842	0.937609	0.981499	-1.01885	0.903215	1.02944	1.02944	0.927818	1.02185	1.02185	1.53919	1.38716	0.801091	1
cg25737794	HS2ST8?		0.277273	0.374469	0.776406	-1.28801	0.341541	1.44117	1.44117	0.12042	1.44117	1.44117	0.12042	1.44117	1.44117	0.12042	1.44117	1.44117	0.6884487	0.785795	-1.19391	0.0413148	3.18312	3.18312	0.0703713	1.46095	1.46095	0.0795551	1.46095	1.46095	1.53919	2.98403	1.93741	1
cg27792806	TCEAL7		0.277278	0.633449	1.19769	1.19769	0.374888	0.71036	-1.40774	0.12045	1.88221	1.88221	0.214989	1.63267	1.63267	0.453588	0.750762	1.33198	0.27366	0.741064	-1.34941	0.331619	1.30147	1.30147	0.483262	0.8290888	-1.20615	0.477518	0.826901	-1.20933	1.53923	1.68698	0.974208	1
cg16404342	CDX15		0.277282	0.34104	0.824283	-1.21305	0.342028	1.07249	-1.1346	0.425667	0.859928	-1.16289	0.157611	0.755549	-1.32354	0.826032	0.959988	-1.04168	0.4427197	1.16228	1.16228	0.54247	0.891926	-1.12117	0.261985	1.24232	1.24232	0.155383	0.754251	-1.32582	1.53916	0.838867	0.484459	1
cg07134240	PDLIM3;PDLIM3		0.277282	0.34104	0.824283	-1.21305	0.342028	1.07249	-1.1346	0.425667	0.859928	-1.16289	0.157611	0.755549	-1.32354	0.826032	0.959988	-1.04168	0.2482227	0.790758	-1.2646	0.0336351	1.69314	1.69314	0.949345	0.963601	-1.03798	0.846969	1.03579	1.03579	1.53915	0.922049	0.533502	1
cg14573448	HOXA3		0.277283	0.87256	1.12505	1.12505	0.0708358	4.39969	4.39969	0.0458317	5.36655	5.36655	0.244875	2.44212	2.44212	0.586864	1.49588	1.49588	0.4864602	1.68424	1.68424	0.553611	1.55242	1.55242	0.149445	3.10958	3.10958	0.0662805	4.53548	4.53548	1.53915	13.1327	7.58441	1
cg25201069	NKX1-2		0.277284	0.099769	1.49711	1.49711	0.0920135	0.845534	-2.38329	0.132885	0.913943	0.913943	0.212106	0.757452	1.63752	0.167702	0.448833	-2.14835	0.3178634	1.63777	1.63777	0.0858651	1.66151	1.66151	0.0858651	1.66151	1.66151	0.0858651	1.66151	1.66151	1.53915	3.09465	1.81844	1
cg23962478	PIM3		0.277285	0.815275	1.03505	1.03505	0.947731	0.990395	-1.0097	0.0550945	1.37734	1.37734	0.907164	1.01732	1.01732	0.181136	1.32931	1.32931	0.2035581	1.820739	-1.21481	0.313023	1.1055	1.1055	0.146723	1.2577	1.2577	0.24085	0.964103	0.03723	1.53914	1.52826	0.305082	1
cg03067462	TSSC4		0.277295	0.891305	1.03961	1.03961	0.544703	1.19028	1.19028	0.551649	1.18863	1.18863	0.493935	1.25122	1.25122	0.0455511	0.521263	-1.91842	0.631044	1.14739	1.14739	0.131331	1.5886	1.5886	0.143514	1.56302	1.56302	0.631918	0.871855	-1.14698	1.53911	1.96795	1.13656	1
cg15078676	HOXB9		0.277296	0.527288	1.13866	1.13866	0.0201	1.20533	1.20533	0.0438554	1.34919	1.34919	0.242106	1.06781	1.06781	0.460268	0.889828	-1.12397	0.4744691	1.14721	1.14721	0.477397	1.16777	1.16777	0.682865	1.16151	1.16151	0.688251	1.16151	1.16151	1.53911	0.939465	0.578663	1
cg00612176	PRSS42		0.277301	0.380962	0.648828	-1.54124	0.615496	0.783667	-1.27605	0.0316374	0.297135	-3.6231	0.711471	0.836237	-1.19581	0.02616	0.282158	1.54412	0.446841	0.688505	-1.45242	0.264152	0.571046	-1.75117	0.322266	0.611277	-1.63592	0.55828	0.752027	-1.32974	1.53909	5.64847	3.26224	1
cg22830671	CDH23;CDH23		0.277303	0.440561	0.814391	-1.22804	0.420478	0.645428	-1.54923	0.0931599	0.627675	-1.59239	0.0231	0.627675	-1.59239	0.0231	0.627675	-1.59239	0.0231	0.627675	-1.59239	0.0231	0.627675	-1.59239	0.0231	0.627675	-1.59239	0.0231	0.627675	-1.59239	0.0231	1.53909	0.627675	-1.59239	0.0231	1.53909	0.627675	-1.59239	0.0231	1.53909

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(21T vs. N)	Fold-	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477T vs. N)	Fold-Change(477T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T Change(5 37T vs. N)	Fold-	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	f(Test)	S5(Test)	S5(Error)	F(Error
cg26673775	GNAI2		0.817968	0.835494	-1.1969	1.111611	3.86093	3.86093	0.2052333	2.83478	2.83478	0.573528	1.55798	1.55798	0.898224	1.10491	1.10491		0.752569	0.781485	-1.27962	0.8312651	0.139448	-7.1713	8.809192	1.20755	1.20755	0.906591	0.91255	-1.09583	1.53799	14.8045	8.55633	1
cg25963412	ACOX3;ACOX3		0.166202	1.84904	1.84904	0.2256037	3.01645	3.01645	0.16437	1.85463	1.85463	0.599338	1.24696	1.24696	0.291801	1.10001	1.10001		0.441284	1.38669	1.38669	0.8072888	0.227825	2.23975	2.23975	0.1844282	1.79686	1.79686	0.364782	1.47361	1.47361	1.53798	2.22209	2.44019	1
cg27665181	MTSS1L		0.276535	0.486315	0.898756	-1.11265	0.6698865	1.35779	1.35779	0.6844272	0.940171	-1.06364	0.4097	1.13568	1.13568	0.297935	1.17683	1.17683		0.2994	0.850193	-1.1762	0.347609	0.8642166	-1.15712	0.4099941	1.1356	1.1356	0.1602218	0.797395	-1.25408	1.53798	0.5546664	0.320573	1
cg07462279	AAGAB		0.85127	0.889914	-1.12368	0.3799394	1.34363	1.34363	0.2559923	2.07521	2.07521	0.927293	1.05834	1.05834	0.04406911	2.237586	-4.209		0.8536664	0.891629	-1.12154	0.499946	0.6535513	-1.53019	0.507808	1.51791	1.51791	0.659134	0.758081	-1.31756	1.53797	9.40082	5.43332	1
cg06572008	KLHDC4		0.267639	0.147713	0.394718	-2.53346	0.413759	0.607469	-1.64881	0.601723	1.37049	1.37049	0.146206	0.608157	-1.64431	0.0684173	0.294934	-3.39059		0.0872116	0.322962	-3.09634	0.211265	0.456374	-2.19118	0.4746632	0.304709	-3.28182	0.46971	0.643911	-1.55301	1.53797	8.72497	5.04272	1
cg16205846	CPS1;CPS1;CPS1		0.273545	0.272179	0.705819	-1.41679	0.190428	0.655309	-1.5261	0.673943	0.878981	-1.13768	0.333164	1.35566	1.35566	0.188565	0.454005	-1.52804		0.3606566	0.754972	-1.3245	0.0217976	0.432067	-2.31446	0.647715	0.8609155	-1.15094	0.5910294	0.847624	-1.17977	1.53795	2.263115	1.30883	1
cg11196904	APITD1;APITD1;APITD1;APITD1		0.277647	0.189815	0.792068	-1.26252	0.203324	1.25276	1.25276	0.980094	1.00401	1.00401	0.2012443	0.797272	-1.25428	0.414124	0.869241	-1.15043		0.0896189	0.73043	-1.36906	0.288872	0.8312663	-1.20299	0.795122	1.04464	1.04464	0.25086	1.22311	1.22311	1.53794	0.6863318	0.396674	1
cg19805748	SLC39A11;SLC39A11		0.277649	0.26287	0.496092	-2.01721	0.229832	0.220006	-4.5512	0.5803816	0.321854	-3.10719	0.996632	0.997509	-1.00251	0.164559	0.464588	-2.4016		0.25193	0.493054	-2.02858	0.1865375	0.433748	-2.30573	0.256829	0.45696	-2.01234	0.774752	0.84407	-1.18474	1.53793	8.50285	4.91444	1
cg06963276	ZNF605;ZNF605		0.27665	0.440376	1.13626	1.13626	0.221176	0.811567	-1.23218	0.790687	0.444013	1.104413	0.152734	1.28228	1.28228	0.453247	1.13206	1.13206		0.50773	0.896642	1.11527	0.0522074	0.143119	1.43119	0.302833	0.840902	-1.1892	0.654476	0.929475	-1.07588	1.53949	0.6419968	0.37106	1
cg17891123	IQGAP1		0.277652	0.972979	0.991298	-1.00878	0.1073333	1.57388	1.57388	0.846158	1.0514	1.0514	0.96983	1.00981	1.00981	0.048615	0.559196	-1.78828		0.61272	0.876585	-1.14079	0.390169	0.796744	-1.25511	0.153746	1.48304	1.48304	0.716213	1.09879	1.09879	1.53792	1.62193	0.93744	1
cg18346660	TTC39C		0.277652	0.350017	0.864284	-1.15684	0.3485105	0.495085	-2.0197	0.4130047	0.2055027	0.357254	-2.79915	0.531822	0.157098	1.502702	1.502702		0.30013	0.660652	-1.51366	0.1906181	0.171822	-5.81945	0.149305	0.4049	-2.47009	0.0454549	0.549449	-1.81605	0.325223	0.675583	-1.4802	1.53792	3.163023	2.0982	1
cg25677314	MAP2K3		0.279771	0.279967	0.629862	-1.58765	0.679616	1.15967	-1.15967	0.112727	0.540168	-1.85127	0.646391	0.848078	-1.17914	0.0662632	0.480172	-2.08259		0.803941	0.915094	-1.09278	0.0395747	0.427802	-2.33753	0.641174	0.845833	-1.18222	0.258203	0.656489	-1.52326	1.5379	3.09937	1.7914	1
cg16829564	ALDH4A1;ALDH4A1;ALDH4A1		0.277664	0.165038	0.352529	-3.11984	0.887401	0.987943	-1.0122	0.124513	0.27867	-3.58847	0.887623	1.13475	1.13475	0.083706	0.220794	-4.35173		0.405159	0.593785	-1.92387	0.706548	0.74783	-1.3372	0.0181159	0.144707	-6.91052	0.96524	1.03405	1.03405	1.53788	14.376	8.30926	1
cg07205460	MIF		0.277665	0.899646	1.09458	1.09458	0.0436647	5.26545	-5.26545	0.0597989	4.5781	4.5781	0.133836	3.15155	3.15155	0.485327	1.66173	1.66173		0.509229	1.6154	1.6154	0.428448	0.56044	-1.78431	0.369621	1.93473	1.93473	0.966388	0.970269	-1.03064	1.53788	12.496	7.22263	1
cg23065185	LAMA4;LAMA4;LAMA4		0.277668	0.989772	0.995459	-1.00456	0.16223	1.69859	1.69859	0.11807	1.82672	1.82672	0.687815	1.15932	1.15932	0.607025	0.482453	-2.07274		0.907805	1.04199	1.04199	0.481775	1.28899	1.28899	0.237279	1.499	1.499	0.392189	0.732543	-1.36511	1.53787	3.07025	1.7746	1
cg17228765	C1orf172;C1orf172;C1orf172		0.27668	0.526384	1.150576	-1.41528	0.2135502	1.95947	1.95947	0.35992	2.0004657	2.0004657	0.166451	0.993392	0.6097709	-1.00449	0.1306845	-7.65397		0.5313174	1.17913	1.17913	0.0426127	0.282805	-3.53601	0.679377	1.25537	1.25537	0.939352	1.04203	1.04203	1.53787	7.13005	4.12116	1
cg09280089	HECW1		0.277668	0.194907	0.756184	-1.32243	0.970909	0.992594	-1.00746	0.718569	0.92889	-1.07655	0.999573	1.00011	1.00011	0.0197878	0.616005	-1.62336		0.639236	0.908248	-1.10102	0.59241	1.11644	1.11644	0.151467	0.731049	-1.3679	0.060402	0.649438	-1.53979	1.53787	1.01196	0.58491	1
cg02009694	FAM101A;FAM101A		0.27767	0.105088	1.91549	1.91549	0.63361	1.15269	1.19269	0.230668	1.58633	1.58633	0.260255	1.53864	1.53864	0.615395	1.20428	1.20428		0.155558	1.80451	1.80451	0.0219015	2.68845	2.68845	0.165551	1.72065	1.72065	0.306751	1.47446	1.47446	1.53786	3.27966	1.88965	1
cg09608545	PNMA5;PNMA5;PNMA5		0.277677	0.211105	1.44771	1.44771	0.315641	0.757767	-1.31967	0.0244057	0.4728821	-2.11469	0.81673	0.9723248	-1.02844	0.2744807	-3.64284		0.6714434	1.12653	1.12653	0.56147	0.84879	-1.17815	0.98155	1.00662	1.00662	0.8478931	1.05508	1.05508	1.53786	1.80916	1.09771	1
cg14918927	ALDH1L2;ALDH1L2		0.277673	0.864594	1.04072	1.04072	0.5960394	0.882409	-1.11326	0.121366	1.48108	1.48108	0.253744	1.32146	1.32146	0.662605	1.10813	1.10813		0.573492	0.875447	-1.14227	0.132255	0.683921	-1.46216	0.205778	0.73187	-1.36636	0.159837	1.42083	1.42083	1.53786	1.33212	0.769971	1
cg08043200	INF2;INF2		0.277684	0.939839	0.94104	-1.06264	0.4548245	1.18588	1.18588	0.659458	1.45182	1.45182	0.758584	1.09149	1.09149	0.0705547	0.73023	-1.3823		0.890478	1.10823	1.10823	0.318356	1.98919	1.98919	0.401789	1.3632	1.3632	0.676768	1.12092	1.12092	1.53782	1.80559	1.04367	1
cg25986678	AATK		0.27769	0.799207	0.863601	-1.15794	0.270671	1.19341	1.93441	0.025855	7.54189	3.93441	0.025855	3.55794	3.55794	0.570759	0.848453	-1.17862		0.620138	1.33303	1.33303	0.911489	1.06606	1.06606	0.136217	0.39706	-2.51851	0.607044	0.781905	-1.27893	1.5378	8.06115	4.65956	1
cg18353813	C9orf3		0.277691	0.761288	1.24284	1.24284	0.1288049	7.84832	7.84832	0.0001	4.8573	4.8573	0.0001	7.78949	7.78949	0.0001	2.98723	-2.98723		0.729868	1.12984	1.12984	0.2438152	0.698907	-1.4308	0.773358	1.23254	1.23254	0.752662	1.25722	1.25722	1.5378	2.82788	1.73809	1
cg12217275	KCNJ5;C11orf45		0.277694	0.134117	0.389938	-2.56451	0.0967391	0.345463	-2.89467	0.13704	0.393104	-2.54386	0.619921	0.747175	-1.33838	0.332163	0.558095	-1.79181		0.24082	2.0459	2.0459	0.0919222	0.330049	-2.94943	0.69007	0.791629	-1.26322	0.371723	0.585875	-1.70685	1.53779	8.27673	4.78421	1
cg04051335	C5orf62		0.277698	0.366608	0.805804	-1.2411	0.312357	0.784052	-1.27543	0.280818	0.77032	-1.29816	0.376801	0.809676	-1.23506	0.749434	1.07748	1.07748		0.411225	0.82234	-1.21604	0.445122	0.83427	-1.19865	0.178823	0.717148	-1.39441	0.0127586	0.486622	-2.05498	1.53777	1.31977	0.762877	1
cg24569155	ACTRT2		0.277703	0.494478	0.8511	-1.17482	0.1049663	0.618373	-1.61648	0.506042	0.824287	-1.1841	0.574474	1.15235	1.15235	0.567607	0.867249	-1.15273		0.907998	1.04624	1.04624	0.249401	0.624654	-1.60089	0.298305	0.656427	-1.5234	0.130146	0.527737	-1.89488	1.53775	3.72275	2.15191	1
cg26380921	SLC2A12		0.277705	0.867064	0.960216	-1.03518	0.0779154	1.644877	-1.46504	0.541557	1.352	1.352	0.122112	1.307093	1.307093	-1.41305	0.0708158	-5.88203		0.827554	1.04604	1.04604	0.0859707	1.02491	1.02491	0.0618347	1.54336	1.54336	0.157375	1.30998	1.30998	1.53774	0.5994424	1.1	1
cg26342876	ABCC8		0.277708	0.870142	-1.96734	-1.03441	0.072145	1.51441	1.51441	0.759108	0.938378	-1.06567	0.453613	1.17099	1.17099	0.103383	0.831225	-1.20304		0.62462	0.903051	1.10736	0.2385966	1.70585	1.70585	0.123185	0.67631	-1.47871	0.0198115	0.7051	1.05701	1.53774	1.04138	0.601966	1
cg04099543	P2RY6;P2RY6;P2RY6;P2RY6;P2RY6		0.277709	0.894599	0.974175	-1.02651	0.80765	1.04932	1.04932	0.292023	0.805901	-1.24085	0.137187	0.729058	-1.37163	0.783684	1.05582	1.05582		0.134385	1.37523	1.37523	0.0704629	1.49043	1.49043	0.622668	1.10285	1.10285	0.357939	0.829774	-1.20515	1.53774	0.948858	0.548488	1
cg02804405	ZNF700		0.277713	0.064333	1.27497	1.27497	0.0747747	1.06439	0.552386	0.525889	1.08004	1.08004	0.095646	1.2643	1.2643	0.0917408	1.14778	1.14778		0.959317	0.987382	-1.01274	0.9733751	0.750471	-1.3325	0.850748	1.04806	1.04806	0.8327773	1.51226	1.51226	1.53774	0.874164	1	1
cg10631933	VPS13B;VPS13B		0.277709	0.691904	0.919485	-1.08757	0.109812	1.44393	1.44393	0.551012	0.880616	-1.13557	0.494545	0.863993	-1.15742	0.450053	1.1761	1.1761		0.256247	0.778993	-1.28371	0.0375897	1.66261	1.66261	0.637689	0.957692	-1.04418	0.91765	1.02204	1.02204	1.53773	1.08172	0.625289	1
cg07485754	CARD4;CARD4		0.277711	0.30354	1.18459	1.18459	0.1477503	0.437526	2.28556	0.1766	0.542315	1.54235	0.167847	0.660847	1.51223	0.0970068	0.642442	-2.1813		0.0863686	0.624	-1.60257	0.0466342	0.315151	3.17295	0.0849669	0.2081	-4.80487	0.0268377	0.751565	1.33099	1.53773	0.484687	2.82681	1
cg04711587	STYK;STYX;STYX		0.277714	0.606209	1.1167	1.1167	0.1148117	1.43908	1.43908	0.144501	0.716974	-1.39475	0.635977	0.903743	-1.10651	0.11974	1.43093	1.43093		0.818162	0.952292	-1.0501	0.130221	1.41473	1.41473	0.694354	0.9105887	-1.08744	0.550202	0.879576	-1.13691	1.53772	0.709734	0.634322	1
cg26027233	MAGEE1		0.277715	0.53095	0.574725	-1.73996	0.2829108	1.01887	1.01887	0.848426	0.846219	-1.18173	0.58089	1.6268	1.6268	0.627884	1.53168	1.53168		0.0485025	0.139886	-7.14866	0.00734	1.10695	1.10695	0.0481795	7.1746	7.1746	0.451102	1.95432	1.95432	1.53772	18.5464	10.7209	1
cg01174085	CHST6		0.277716	0.269886	0.76234	1.24284	0.1288049	7.84832	7.84832	0.0001	4.82726	4.82726	0.0001	7.78949	7.78949	0.0001	2.98723	-2.98723		0.729868	1.12984	1.12984	0.2438152	0.698907	-1.4308	0.773358	1.23254	1.23254	0.752662	1.25722	1.25722	1.5378	2.82788	1.73809	1
cg13913990	PLEKHG4B		0.277719	0.14707	0.17845	-5.60381	0.478475	0.450182	-2.22132	0.964789	1.05011	1.05011	0.921128	0.896109	-1.11594	0.094629	0.130706	-7.65074		0.24082	2.0459	2.0459	0.0919222	0.330049	-2.94943	0.69007	0.791629	-1.26322	0.371723	0.585875	-1.70685	1.53779	0.87673	4.78421	1
cg07909292	KIAA1919;KIAA1919		0.277722	0.116141	0.455529	-2.19552	0.1546025	0.179295	-5.57403	0.1739149	0.211449	-4.73043	0.472689	0.5101	-1.96079	0.0136876	0.127103	-7.86784		0.0497222	0.323369	-3.09228	0.0179744	0.157108	-6.36367	0.0228	0.0437	-22.8833	0.0044172	0.0979	2.04973	1.53772	0.0001	0.0001	1
cg27078902	B3GALT4;B3GALT4		0.27772	0.616141	0.475529	-2.10292	0.363281	0.95121	0.952115	0.250256	25.3936	25.3936	0.0393052	33.3376	33.3376	0.725715	0.595719	1.67865		0.358318	0.01125	-0.01125	0.8507	1.3193	1.3193	0.197319	0.04269	-23.4269	0.196298	0.74584	1.74824	1.5377	12.6685	30.4458	1
cg08109969	ABHD10		0.277724	0.394537	1.4852	1.4852	0.812588	0.89787	-1.11375	0.483308	1.38146	1.38146	0.0233226	0.29246	-3.41927	0.33445	0.479881	-2.08385		0.593083	0.782973	-1.27718	0.978822	0.9880332	-1.01211	0.784926	1.13211	1.13211	0.315817	0.624738	-1.60067	1.53768	5.01017	2.88634	1
cg20708045	KIAA0146		0.277728	0.129382	1.44967	1.44967	0.2778139	0.317301	-3.14663	0.1234977	0.211449	-4.73043	0.472689	0.5101	-1.96079	0.0136876	0.127103	-7.86784		0.245172	0.491099	-2.03625	0.0991154	0.347336	-2.87906	0.949688	0.963766	-1.0376	0.207236	0.459314	-2.17716	1.53767	8.33179	4.81746	1
cg21863998	NAV2;NAV2;NAV2		0.277731	0.073081	0.583395	-1.7141	0.325059	0.315115	0.315115	0.76168	1.08545	1.08545	0.711281	0.905142	-1.1048	0.19828	1.44271	1.44271		0.183848	0.594637	-1.6817	0.523362	0.839631	-1.19099	0.940592	0.980108	-1.0203	0.313772	0.755139	-1.32426	1.53766	1.76981	1.02309	1
cg23460389	RALGAPB		0.277735	0.690434	1.14804	1.14804	0.4623581	0.801201	-1.24819	0.278868	1.32358	1.32358	0.150038	0.788779	-1.26784	0.0452598	0.550638	-1.81676		0.421244	0.788792	-1.26771	0.413259	0.73155	1.36705	0.208482	0.733324	-1.36341	0.0220207	0.3049	1.30407	1.53766	1.56298	0.903467	1
cg22814801	INPP5A		0.277736	0.366576	0.857041	-1.16681	0.0342551	1.50804	1.50804	0.917189	0.982851	-1.01745	0.350198	0.852207	-1.17342	0.604262	0.916716	-1.09085		0.7771129	0.953899	-1.04833	0.109309	1.33695	1.33695	0.751707	1.05421	1.05421	0.547667	0.903761	-1.10649	1.53764	0.6736	0.389398	1
cg14798020	SNORD116-11		0.277738	0.142358	0.45132	-2.21607	0.4147645	0.316892	-3.15564	0.1562	0.178387	-5.60625	0.0898054	0.1882	-5.31197	0.0139986	0.0970093	-10.3077		0.0842564	0.328754	-3.04064	0.0140426	0.164127	-6.09255	0.0196962	0.142672	-7.00946	0.0109555	0.424678	-2.35473	0.563764	0.58296	0.538352	1
cg24209784	AGAP11;C10orf116		0.277739	0.159921	0.470546	-2.12537	0.096667	0.400277	-2.49827	0.163897	0.351681	-2.84371	0.0956131	0.959974	-1.0417	0.0359489	0.29375	-3.40405		0.63676	1.26975	1.26975	0.507582	0.713553	-1.40144	0.431976	0.668555	-1.49576	0.192267	0.500116	-1.99953	1.53764	6.13822	3.54843	1
cg14553895	PIK3CA		0.277744	0.0924805	0.362939	-2.75528	0.183342	0.459909	-2.17434	0.236989	0.507541	-1.97028	0.0460698	0.286147	-3.49471	0.237895	0.508269	-1.96746		0.496475	1.45929	1.45929	0.830346	0.889186	-1.12462	0.939993	0.959627	-1.04207	0.184722	0.462998	-2.15984	1.53762	7.29658	4.21811	1
cg15099410	SESN2		0.277745	0.285537	1.16256	1.16256	0.618639	0.917447	-1.09039	0.553286	0.825889	-1.21095	0.180004	0.995646	1.2643	1.2643	0.0917408	1.14778	1.14778		0.959317	0.987382	-1.01274	0.9733751	0.750471	-1.3325	0.850748	1.04806	1.04806	0.8327773	1.51226	1.51226	1.53762	0.874164	1	1
cg24446655	ROPN1		0.277745	0.18265	1.04845	1.04845	0.800744	0.926092	-1.07981	0.67313	1.13749	1.13749	0.131441	1.64027	1.64027	0.0923958	0.569877	-1.75477		0.339659	0.741717	-1.34822	0.341308	0.754259	-1.32567	0.0993109	0.579482	-1.72568	0.431516	1.27461	1.27461	1.5376	2.24476	1.2977	1
cg21675370	PAK6;PAK6;PAK6		0.277752	0.096394	0.648747	-0.90622	0.191725	0.176265	-5.67327	0.504657	0.428273	-2.34321	0.253693	0.22378	-4.46867	0.0717078	0.080193	-12.497		0.183742	0.17023	5.8781	0.0428113	0.0534958	-18.6931	0.446127	0.377053	-2.65235	0.199608	0.181875	-5.49829	0.535259	0.18426	22.2064	1
cg13548361	PLCB/;BBL15		0.277753	0.490103	1.02051	1.02051	0.9415021	0.515082	1.51086	1.51086	0.847359	1.18397	1.38937	1.38937	0.478899	0.2225574	-2.2157	0.870122	1.14534	1.04536		0.159809	0.665284	-1.50312	0.233728	0.72267	-1.38317	0.168668	1.4492	1.4492	0.214561	1.40214	1.40214	1.53759	1.79276	1.0364	1
cg21138131	RP11		0.277755	0.537581	1.19891	1.19891	0.262765	0.712244	-1.40401	0.101319	0.593684	-1.6844	0.883631	0.958328	-1.04348	0.962705	0.986502	-1.01368		0.983816	0.994122	-1.00591	0.0555982	1.87962	1.87962	0.617393	1.15763	1.15763	0.204152	0.675723	-1.4799	1.53758	2.05680	1.1891	1
cg20241815	RFP3;RXFP3		0.277757	0.625971	1.16863	1.16863	0.5211096	0.28955	-3.45161	0.0729734	0.0733754	1.19187	0.0180217	0.2802013	1.28805	0.0118127	0.0904933	-11.0564		0.0930882	1.14555	1.14555	0.0761	1.10641	0.0888925	0.155557	1.11557	1.11557	0.0173727	0.04802	-20.8242	0.224295	1	1
cg16891080	TCEAL6		0.277757	0.171672	0.157909	-6.33278	0.767404	0.686449	-1.45677	0.514182	0.432273	-2.31336	0.191024	5.79005	5.79005	0.62472	1.86891	1.86891		0.248651	0.216619	-4.6164	0.777028	1.43353	1.43353	0.505617	2.35553	2.35553	0.0494759	17.1732	17.1732	1.53758	39.1807	22.6508	1
cg26163040	GFER		0.277763	0.064761	1.7167	1.7167	0.554159	1.16782	1.16782	0.788203	0.930854	-1.07428	0.814233	0.939286	-1.06464	0.518246	1.18037	1.18037		0.427329	1.24068	1.24068	0.417184	0.802003	-1.24687	0.0728534	1.943	1.943	0.289673	1.33971	1.33971	1.53757	1.7244	0.996895	1
cg11157366	C1Sorf17		0.277767	0.053184	0.275856	-3.62507	0.923664	1.05693	1.05693	0.30513	1.84681	1.84681	0.295281	0.5323	-1.87864	0.175746	0.438815	2.30513		0.88324	1.08812	1.08812	0.251731	1.99905	1.99905	0.579859	1.37961	1.37961	0.449525	1.55904	1.55904	1.53757	8.12457	3.98162	1
cg17430625	MPV17L2		0.277769	?	?	?	0.492196	0.719111	-1.39061	0.815012	0.895337	-1.1169	?	?	?	?	?	?		?	?	?	0.157595	2.05452	2.05452	0.933047	0.961149	-1.04042	0.0711078	2.63103	2.63103	1.59139	3.04846	2.68183	1
cg25231907	TMM10		0.277774	0.270744	1.09111	1.09111	0.4973614	0.715258	1.38505	0.285075	0.5133309	-1.94814	0.883633	0.915795	-1.09195	0.8594003	1.11236	1.11236		0.431357	1.61987	1.61987	0.0274703	0.197657	-5.05927	0.905219	0.930957	-1.07416	0.416733	1.64622	1.64622	1.53753	8.78394	5.07823	1
cg23713724	KCNIP4;KCNIP4;KCNIP4 (KCNIP4 GPR17;GPR17;UM2;GPR17;GPR17;UM		0.277773	0.175098	0.57206	-1.79467	0.814412	0.10005	1.10005	0.719387	1.15755	1.15755	0.438618	0.725776	-1.37784	0.285954	0.638014	-1.56736		0.106867	0.489742	-2.04189	0.0212303	0.325246	-3.0746	0.913577	0.95693	-1.04501	0.607564	0.810532	-1.23376	1.53752	2.00459	2.13518	1
cg08209336	ATM		0.277782	0.153282	0.480694	-2.08033	0.126123	2.20948	2.20948	0.873445	1.07935	1.07935	0.969788	0.946579	-1.05644	0.114293	0.43918	-2.27097		0.339244	0.623847	-1.60296	0.189297	1.94654	1.94654	0.405509	1.50332	1.50332	0.932481	1.04143	1.04143	1.53749	0.58769	3.23048	1
cg26288577	C14orf159;C14orf159;C14orf159;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	S5(Test	S5(Error)	
cg12649051	TMEM194A;TMEM194A	0.278019	0.417007	0.767255	-1.30335	0.379131	0.749615	-1.33402	0.0920395	1.80827	1.80827	0.3634846	0.742079	-1.34757	0.371373	0.745898	0.342607	-2.01477	0.890309	0.959092	-1.04265	0.88643	0.955338	-1.0467	1.53671	2.68299	1.43625	1
cg15988812	PEPD;PEPD;PEPD	0.278019	0.408622	0.830806	-1.20365	0.292961	1.27033	1.27033	0.914862	0.976819	-1.02373	0.764913	1.06798	1.06798	0.273482	1.28395	1.28395	0.515304	1.15568	1.15568	0.0124605	1.14057	1.14057	0.787562	1.06103	1.06103	1.53671	1.17067	0.677156	1
cg07122170	MTOR;ANGPTL7	0.278027	0.623248	0.782625	-1.27742	0.123027	0.435445	-2.2965	0.428258	0.670371	-1.49171	0.489077	1.41554	1.41554	0.220349	0.52877	-1.89118	0.767853	0.863832	-1.15763	0.0937915	0.40203	-2.48038	0.0938914	0.402163	-2.48656	0.283892	1.73416	1.73416	1.53668	5.95127	3.44249	1
cg18138366	DOT1L	0.278027	0.228023	0.679659	-1.47133	0.307809	1.38012	1.38012	0.658479	1.14541	1.14541	0.353817	1.74007	-1.33796	0.0407062	0.486357	-2.05611	0.569548	1.19174	1.19174	0.918356	1.03172	1.03172	0.87221	0.952059	-1.05036	0.1147	2.50244	-1.68791	1.53668	2.26684	1.31124	1
cg20431092	TRAM2	0.278031	0.538067	0.888285	-1.12576	0.181234	1.31038	1.31038	0.537762	1.12617	1.12617	0.906847	1.02254	1.02254		0.795036	0.95163	-1.05083	0.815835	0.956542	-1.04543	0.0170306	1.74028	1.74028	0.218088	1.27984	1.53668	2.66366	0.88268	0.510589	1
cg04830146	MYO1D	0.278035	0.344276	1.15467	1.15467	0.201797	0.819566	-1.22016	0.0782841	1.33478	1.33478	0.548183	1.09385	1.09385	0.887951	0.979403	-1.02103	0.11522	0.776603	-1.28766	0.483462	1.13086	1.13086	1.11086	0.453496	1.11933	1.11933	0.300492	1.17162	1.17162	1.53668	0.530402	0.308814	1
cg14311020	VDR;VDR	0.278037	?	?	?	0.494499	1.44624	1.44624	0.718094	0.824906	-1.21226	0.530689	1.40165	1.40165	0.497853	0.693502	-1.44196	0.74279	1.19103	1.19103	0.518254	0.705921	-1.41659	0.0497948	3.36068	3.36068	0.0653574	3.05776	3.05776	1.58757	6.15995	3.39509	1
cg22711508	GALNT11	0.278038	0.513887	1.3085	1.3085	0.0280496	2.86885	2.86885	0.210843	1.70827	1.70827	0.655342	0.8532307	-1.20018	0.229046	0.598885	-1.66977	0.691476	0.85043	-1.17588	0.8188844	1.08623	1.08623	0.698335	0.853692	-1.17138	0.398497	0.703915	-1.42063	1.53665	4.01486	2.32244	1
cg18720682	RUFY2;RUFY2	0.278044	0.733408	1.10914	1.10914	0.359024	1.22073	1.22073	0.0665467	1.8652	1.8652	0.401035	1.2975	1.2975	0.153584	1.33838	1.33838	1.34613	1.34613	0.742232	0.904836	-1.10517	0.429634	0.783266	-1.27671	0.178666	5.648614	-1.54175	0.0936233	1.74835	1.74835	1.53668	2.23419	1.29241	1
cg08577231	AXIN1;AXIN1	0.278054	0.916183	0.975698	-1.02491	0.136081	1.45552	1.45552	0.162248	0.705594	-1.41725	0.718834	1.08816	1.08816	0.802320	1.06037	1.06037	0.842536	1.04758	1.04758	0.0305077	1.81149	1.81149	0.676533	1.10302	1.10302	0.262709	1.31377	1.31377	1.53659	1.32918	0.768003	1
cg17048240	LAMA5	0.278054	0.925228	0.977162	-1.02331	0.0750927	1.35707	1.35707	0.0274838	1.74838	1.74838	0.108959	0.576296	-1.73522	0.549324	1.28421	1.28421	0.227859	1.37475	1.37475	0.0155546	1.97324	1.97324	0.0676277	1.12299	1.12299	0.0407125	1.10771	1.10771	1.53659	2.28927	1.3243	1
cg06207806	DIRC2;HSPBAP1	0.278056	0.955218	-1.25655	0.191345	0.843309	0.913217	-1.18607	0.525652	0.923735	-1.08256	0.469452	0.913217	-1.09503	0.844309	0.976038	-1.02455	0.859358	1.02215	1.02222	0.22484	1.1703	1.1703	0.290251	1.14499	1.14499	0.140026	1.21635	1.21635	1.53659	0.370304	0.214215	1
cg19178076	MRP;MRP2/MRP;MRP;MRP	0.278059	0.318999	2.06887	2.06887	0.7356	1.37026	1.37026	0.513848	0.626921	-1.59568	0.105884	3.47859	3.47859	0.755584	1.24557	1.24557	0.313265	2.0879	2.0879	0.0419904	5.17984	5.17984	0.147716	2.99208	2.99208	0.120567	3.28179	3.28179	1.53658	12.1237	7.01942	1
cg17571927	IL10RA;IL10RA;IL10RA	0.278059	0.527179	1.16679	1.16679	0.219838	1.37244	1.37244	0.512329	0.852145	-1.17351	0.810826	0.85837	-1.51936	0.539377	0.861041	-1.16138	0.614094	1.13023	1.13023	0.344727	0.6858141	-1.45812	0.8000997	1.063	1.063	0.115284	1.51023	1.51023	1.53658	1.41078	0.816116	1
cg02494781	APOL6;APOL6	0.278061	0.0633497	0.310716	-3.21837	0.22042	0.486156	-2.05695	0.0885965	0.349376	-2.86235	0.0239342	0.303178	-3.29839	0.223682	0.488878	-2.0455	0.126597	0.3965	-2.52207	0.310867	0.161663	-6.18059	0.257727	0.516253	-1.93704	0.534189	0.709288	-1.42252	1.53657	7.62626	4.4117	1
cg27279942	CUX2	0.278068	0.568397	?	?	0.499077	1.63963	1.63963	1.76447	1.76447	0.74705	0.345146	1.39146	1.39146	0.87878	0.932943	-1.07198	0.688488	1.83487	-1.20267	0.0795593	2.423	2.423	0.941674	0.967269	-1.03384	0.511056	1.35413	1.35413	1.53655	5.03347	2.91185	1
cg09842420	PARL;PARL	0.278072	0.247551	1.39118	1.39118	0.842511	1.05583	1.05583	0.079267	0.587401	-1.70242	0.069864	0.574892	-1.73946	0.34793	0.768041	-1.30201	0.350252	0.769073	-1.30027	0.422625	1.25067	1.25067	0.994003	1.00205	1.00205	0.588462	1.16088	1.16088	1.53654	1.81487	1.04991	1
cg03466562	SKI	0.278072	0.929997	0.965925	-1.03598	0.0144558	2.53603	2.53603	0.0306233	2.73247	2.73247	0.395155	1.4115	1.4115	0.914636	1.04336	1.04336	0.504897	1.30706	1.30706	0.14925	1.84418	1.84418	0.432384	1.37314	1.37314	0.613622	1.19707	1.19707	1.53653	3.81151	2.20496	1
cg11600734	ITPR1;ITPR1;ITPR1;EGOT	0.278073	0.365282	2.49077	2.49077	0.605538	0.799616	-1.2506	0.0995231	1.00257	1.00257	0.961272	1.02106	1.02106	0.561292	0.777145	-1.28676	0.111059	2.10675	2.10675	0.0210992	3.2642	3.2642	0.526518	0.758759	-1.31794	0.802814	1.11337	1.11337	1.53653	4.48366	2.59381	1
cg20502039	SLC25A13;SLC25A13;SLC25A13	0.278079	0.714865	0.776537	-1.28777	0.23636	0.425173	-2.35199	0.408939	0.558694	-1.78989	0.4973	1.60801	1.60801	0.448142	1.70378	1.70378	0.780976	0.825199	-1.21183	0.891247	1.09888	1.09888	0.0250109	6.28443	6.28443	0.250761	2.28689	2.28689	1.53651	11.5622	6.68884	1
cg21284015	BAHCC1	0.278081	0.649811	1.17305	1.17305	0.515417	1.3195	1.3195	0.0569559	1.89384	1.89384	0.127489	0.84805	1.1915	1.1915	0.0135274	0.0602	0.444806	1.38977	1.38977	0.623313	0.811151	1.23266	1.23266	0.757511	1.13131	1.13131	0.153871	1.00616	1.00616	1.53651	4.3448	2.53152	1
cg12572545	SC4MOL;SC4MOL	0.278082	0.42944	0.824123	-1.21341	0.572572	0.872197	-1.14653	0.414151	1.22164	1.22164	0.0173966	0.499216	-2.00314	0.361976	0.798744	-1.25197	0.410226	1.2238	1.2238	0.803567	0.941983	-1.06159	0.618307	0.88651	-1.12802	0.507898	1.17479	1.17479	1.5365	1.39956	0.809665	1
cg25634017	ISPD;ISPD	0.278082	0.641739	0.809564	-1.23508	0.632268	0.878582	1.13856	0.0772626	1.37655	1.37655	0.13964	0.726724	1.2613	1.2613	0.893022	1.03384	1.03384	1.1238	1.1238	0.0425964	0.325535	3.28544	3.28544	0.0432515	2.12216	2.12216	0.579948	0.0724747	0.607553	1.64595	1.53651	4.82886	2.94515	1
cg10390922	BCAS3;BCAS3;BCAS3;BCAS3	0.278085	0.0442701	-1.557295	-1.79438	0.1218323	0.654192	-1.5286	0.151286	0.677677	-1.47563	0.773774	0.929672	-1.07565	0.745198	0.920803	1.08601	0.402944	1.24181	1.24181	0.282487	0.753834	-1.32655	0.973298	1.00851	1.00851	0.412143	1.23637	1.23637	1.53649	1.558	0.901332	1
cg25238846	POLG2	0.278086	0.377502	1.5884	1.5884	0.452595	0.665812	-1.50193	0.0422149	3.3063	3.3063	0.206527	1.97548	1.97548	0.538372	1.3221	1.3221	0.295738	0.57461	-1.74031	0.484813	0.695756	-1.43729	0.246154	1.85852	1.85852	0.410987	1.53665	1.53665	1.53649	6.35433	3.6761	1
cg05034432	DHX33	0.278095	0.0818091	0.694672	-1.43928	0.139759	0.727212	-1.37512	0.174603	1.23925	1.23925	0.160623	1.00735	1.00735	0.0329343	1.23925	1.23925	0.807272	0.963553	-1.03783	0.615246	1.07713	1.07713	0.616533	1.03896	1.03896	0.912182	1.03646	1.03646	1.53737	0.0397732	0.509732	1
cg17360832	PTPN2;PTPN2;PTPN2	0.278105	0.304357	1.31268	1.31268	0.746458	0.920377	-1.08651	0.755053	0.923075	-1.08334	0.514993	0.674985	-1.48152	0.374125	0.791888	-1.2628	0.293721	0.756867	-1.32124	0.657837	1.12076	1.12076	0.0380945	1.8494	1.8494	0.948176	0.983512	-1.01676	1.53643	1.59182	0.920938	1
cg25921357	TMEM190	0.278105	0.746286	1.13039	1.13039	0.694634	1.14586	1.14586	0.742861	1.1233	1.1233	0.889969	1.08899	1.08899	0.376689	1.13134	1.13134	0.520836	1.27814	1.27814	0.226102	1.15935	1.15935	0.0109557	2.67036	2.67036	0.0795295	1.97441	1.97441	1.53642	2.973	1.72001	1
cg02563906	EFCAB4A	0.278112	0.189007	0.749686	-1.33389	0.354814	1.21784	1.21784	0.27057	1.26807	1.26807	0.695265	1.08492	1.08492	0.755649	1.06676	1.06676	0.449819	1.17285	1.17285	0.103081	1.44655	1.44655	0.448104	1.852092	-1.17358	0.0606068	1.5496	1.5496	1.53641	1.04302	0.603442	1
cg02128365	MSH5;MSH5;MSH5;MSH5 CDC25B;CDC25B;CDC25B;CDC25B;CDC	0.278114	0.825762	0.951411	-1.05107	0.973931	0.992645	-1.00741	0.0887407	0.654314	-1.52832	0.95923	0.988517	-1.01162	0.599083	1.12733	1.12733	0.738451	0.927087	-1.07865	0.557369	0.874534	-1.14347	0.0145602	0.506693	-1.97358	0.944002	1.01574	1.01574	1.53639	1.24195	0.718534	1
cg25011176	25B;CDC25B	0.278116	0.666933	1.06161	1.06161	0.340487	1.14527	1.14527	0.130648	1.25282	1.25282	0.491384	1.10132	1.10132	0.633763	1.17299	1.17299	0.144827	0.805540	-1.24139	0.137505	0.801833	-1.24714	0.89022	1.01925	1.01925	0.233119	1.18483	1.18483	0.369439	0.463941	0.268416	1
cg12110846	BBD2;BBD2	0.278118	0.672509	1.13055	1.13055	0.300533	1.32645	1.32645	0.134256	1.34656	1.34656	0.45925	1.45925	0.754184	1.21825	1.21825	0.0137485	1.21825	1.21825	0.233544	1.23154	1.15403	1.15403	0.0935957	1.90092	1.90092	0.0183458	1.90858	1.90858	0.715429	2.52874	1.52874	1.53638	9.66104	5.56056	1
cg26495758	REEP4	0.278119	0.188556	0.760594	-1.31476	0.262078	0.794764	-1.25823	0.563823	0.892909	-1.11993	0.633125	1.09907	1.09907	0.0402322	0.627788	1.59289	0.279305	0.801761	-1.24725	0.0531663	0.649503	-1.53964	0.997549	1.0006	1.0006	0.982857	0.995788	-1.00423	1.53638	0.938889	0.543204	1
cg05181501	ADRA2B	0.278121	0.508221	1.91065	1.91065	0.229911	11.7544	11.7544	0.950217	1.06208	1.06208	0.231785	0.303345	-3.29657	0.476965	2.0088	2.0088	0.453624	0.478852	-2.08833	0.428884	2.17934	2.17934	0.238057	0.303575	-3.29408	0.90442	0.890586	-1.12286	1.53637	22.6407	13.0991	1
cg01154505	FBLN7;FBLN7	0.278123	0.252563	1.49658	1.49658	0.122288	2.37711	2.37711	0.276726	1.57884	1.57884	0.215979	0.776055	1.39654	1.39654	0.781759	1.27955	0.717444	0.782759	1.27773	0.156197	1.20729	1.20729	0.0173493	1.32943	1.32943	0.0179	1.32128	1.32128	0.454607	-2.22866	0.70684	0.570777	1.53637	1.54886	0.845125	1
cg08707985	TCEAL8;TCEAL8;TCEAL8;TCEAL8	0.278123	0.337234	0.519822	-1.92373	0.163616	0.374145	-2.67276	0.488051	0.627594	-1.59339	0.0307247	5.35643	5.35643	0.908493	0.926782	-1.079	0.281196	0.476792	-2.09735	0.949654	0.959102	-1.04264	0.975471	1.02054	1.02054	0.540284	1.50679	1.50679	1.53636	10.6409	6.15649	1
cg21463518	PRKAG2;PRKAG2	0.278126	0.418182	0.824815	-1.24715	0.552533	0.818158	-1.18776	0.838603	0.965437	-1.0358	0.856985	0.985492	-1.01431	0.842936	0.541355	-1.84722	0.704209	0.90417	-1.10596	0.748323	1.18318	1.18318	0.95226	0.984357	-1.01597	0.482827	0.829983	-1.20464	1.53636	1.68487	0.976896	1
cg12664940	PCDHB1	0.278132	?	?	?	0.13819	10.8597	10.8597	0.113887	13.3106	13.3106	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.718555	1.56987	-1.67536	1.73626	22.6765	16.3257	1
cg25935504	STRA13;LRRC45	0.278133	0.849221	1.01569	1.01569	0.622205	0.960186	-1.04147	0.836797	1.01702	1.01702	0.734908	0.972581	-1.02819	0.951473	0.995034	-1.00499	0.180236	1.12346	1.12346	0.0202972	0.795413	-1.25721	0.254729	1.10217	1.10217	0.972233	1.00285	1.00285	1.53633	0.162833	0.0942117	1
cg20780105	C5orf43	0.278135	0.746236	1.13039	1.13039	0.694634	1.14586	1.14586	0.742861	1.1233	1.1233	0.889969	1.08899	1.08899	0.376689	1.13134	1.13134	0.520836	1.27814	1.27814	0.226102	1.15935	1.15935	0.0109557	2.67036	2.67036	0.0795295	1.97441	1.97441	1.53642	2.973	1.72001	1
cg14249528	RTN4RL1	0.278135	0.850848	0.976084	-1.0245	0.252141	2.56225	2.56225	0.164225	1.66325	1.66325	0.634344	1.06355	1.06355	0.463074	0.908419	-1.10081	0.197548	0.588372	1.3221	1.3221	0.295738	0.57461	-1.74031	0.484813	0.695756	-1.43729	0.246154	1.85852	1.85852	0.410987	1.53665	1.53665	1.53649	6.35433	3.6761	1
cg05033432	DHX33	0.278095	0.0818091	0.694672	-1.43928	0.139759	0.727212	-1.37512	0.174603	1.23925	1.23925	0.160623	1.00735	1.00735	0.0329343	1.23925	1.23925	0.807272	0.963553	-1.03783	0.615246	1.07713	1.07713	0.616533	1.03896	1.03896	0.912182	1.03646	1.03646	1.53737	0.0397732	0.509732	1
cg17360832	PTPN2;PTPN2;PTPN2	0.278105	0.304357	1.31268	1.31268	0.746458	0.920377	-1.08651	0.755053	0.923075	-1.08334	0.514993	0.674985	-1.48152	0.374125	0.791888	-1.2628	0.293721	0.756867	-1.32124	0.657837	1.12076	1.12076	0.0380945	1.8494	1.8494	0.948176	0.983512	-1.01676	1.53643	1.59182	0.920938	1
cg25921357	TMEM190	0.278105	0.746236	1.13039	1.13039	0.694634	1.14586	1.14586	0.742861	1.1233	1.1233	0.889969	1.08899	1.08899	0.376689	1.13134	1.13134	0.520836	1.27814	1.27814	0.226102	1.15935	1.15935	0.0109557	2.67036	2.67036	0.0795295	1.97441	1.97441	1.53642	2.973	1.72001	1
cg02563906	EFCAB4A	0.278112	0.189007	0.749686	-1.33389	0.354814	1.21784	1.21784	0.27057	1.26807	1.26807	0.695265	1.08492	1.08492	0.755649	1.06676	1.06676	0.449819	1.17285	1.17285	0.103081	1.44655	1.44655	0.448104	1.852092	-1.17358	0.0606068	1.5496	1.5496	1.53641	1.04302	0.603442	1
cg02128365	MSH5;MSH5;MSH5;MSH5 CDC25B;CDC25B;CDC25B;CDC25B;CDC	0.278114	0.825762	0.951411	-1.05107	0.973931	0.992645	-1.00741	0.0887407	0.654314	-1.52832	0.95923	0.988517	-1.01162	0.599083	1.12733	1.12733	0.738451	0.927087	-1.07865	0.557369	0.874534	-1.14347	0.0145602	0.506693	-1.97358	0.944002	1.01574	1.01574	1.53639	1.24195	0.718534	1
cg25011176	25B;CDC25B	0.278116	0.666933	1.06161	1.06161	0.340487	1.14527	1.14527	0.130648	1.25282	1.25282	0.491384	1.10132	1.10132	0.633763	1.17299	1.17299	0.144827	0.805540	-1.24139	0.137505	0.801833	-1.24714	0.89022	1.01925	1.01925	0.233119	1.18483	1.18483	0.369439	0.463941	0.268416	1
cg12110846	BBD2;BBD2	0.278118	0.672509	1.13055	1.13055	0.300533	1.32645	1.32645	0.134256	1.34656	1.34656	0.45925	1.45925	0.754184	1.21825	1.21825	0.0137485	1.21825	1.21825	0.233544	1.23154	1.15403	1.15403	0.0935957	1.90092	1.90092	0.0183458	1.90858	1.90858	0.715429	2.52874	1.52874	1.53638	9.66104	5.56056	1
cg26495758	REEP4	0.278119	0.188556	0.760594	-1.31476	0.262078	0.794764	-1.25823	0.563823	0.892909	-1.11993	0.633125	1.09907	1.09907	0.0402322	0.627788	1.59289	0.279305	0.801761	-1.24725	0.0531663	0.649503	-1.53964	0.997549	1.0006	1.0006	0.982857	0.995788	-1.00423	1.53638	0.938889	0.543204	1
cg05181501	ADRA2B	0.278121	0.508221	1.91065	1.91065	0.229911	11.7544	11.7544	0.950217	1.06208	1.06208	0.231785	0.303345	-3.29657	0.476965	2.0088	2.0088	0.453624	0.478852	-2.08833	0.428884	2.17934	2.17934	0.238057	0.303575	-3.29408	0.90442	0.890586	-1.12286	1.53637	22.6407	13.0991	1
cg01154505	FBLN7;FBLN7	0.278123	0.252563	1.49658	1.49658	0.122288	2.37711	2.37711	0.276726	1.57884	1.57884	0.215979	0.776055	1.39654	1.39654	0.781759	1.27955	0.717444	0.782759	1.27773	0.156197	1.20729	1.20729	0.0173493	1.32943	1.32943	0.0179	1.32128	1.32128	0.454607	-2.22866	0.70684	0.570777	1.53637	1.54886	0.845125	1
cg08707985	TCEAL8;TCEAL8;TCEAL8;TCEAL8	0.278123	0.337234	0.519822	-1.92373	0.163616	0.374145	-2.67276	0.488051	0.627594	-1.59339	0.0307247	5.35643	5.35643	0.908493	0.926782	-1.079	0.281196	0.476792	-2.09735	0.949654	0.959102	-1.04264	0.975471	1.02054	1.02054	0.540284	1.50679	1.50679	1.53636	10.6409	6.15649	1
cg21463518	PRKAG2;PRKAG2	0.278126	0.418182	0.824815	-1.24715	0.552533	0.818158	-1.18776	0.838603	0.965437	-1.0358	0.856985	0.985492	-1.01431	0.842936	0.541355	-1.84722	0.704209	0.90417	-1.10596	0.748323	1.18318	1.18318	0.95226	0.984357	-1.01597	0.482827	0.829983	-1.20464	1.53636	1.68487	0.976896	1
cg12664940	PCDHB1	0.278132	?	?	?	0.13819	10.8597	10.8597	0.113887	13.3106	13.3106	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.718555	1.56987	-1.67536	1.73626	22.6765	16.3257	1
cg25935504	STRA13;LRRC45	0.278133	0.849221	1.01569	1.01569	0.622205	0.960186	-1.04147	0.836797	1.01702	1.01702	0.734908	0.972581	-1.02819	0.951473	0.995034	-1.00499	0.180236	1.12346	1.12346	0.0202972	0.795413	-1.25721	0.254729	1.10217	1.10217	0.972233	1.00285	1.00285	1.53633	0.162833	0.0942117	1
cg20780105	C5orf43	0.278135	0.746236	1.13039	1.13039	0.694634	1.14586	1.14586	0.742861	1.1233	1.1233	0.889969	1.08899	1.08899	0.376689	1.13134	1.13134	0.520836	1.27814	1.27814	0.226102	1.15935	1.15935	0.0109557	2.67036	2.67036	0.0795295	1.97441	1.97441	1.53642	2.973	1.72001	1
cg14249528	RTN4RL1	0.278135	0.850848	0.976084	-1.0245	0.252141	2.56225	2.56225	0.164225	1.66325	1.66325	0.634344	1.06355	1.06355	0.463074	0.908419	-1.10081	0.197548	0.588372	1.3221	1.3221	0.295738	0.57461	-1.74031	0.484813	0.695756	-1.43729	0.246154	1.85852	1.85852	0.410987	1.53665	1.53665	1.53649	6.35433	3.6761	1
cg00565150	ZXDC;ZXDC	0.278137	0.152966	1.44848	1.44848	0.0422504	1.64548	1.64548	0.0332	1.32302	1.32302	0.0407761	1.81832	1.24565	0.0427347	1.53151	1.53151	0.449973	1.35848	1.35848	0.0145492	2.12773	2.12773	0.0227377	1.32804	1.32804	0.162188	1.43173	1.43173	1.53632	0.0777537	0.509732	1
cg06425727	CTNNBL1	0.278141	0.151686	0.719796	-1.38928	0.599107	0.892661	-1.12025	0.741233	1.07351	1.07351	0.463593	0.852407	-1.17315	0.491636	0.861124	-1.16127	0.510241	1.1537	1.1537	0.0198891	0.547888	-1.82519	0.959909	1.01082	1.01082	0.42865	1.18882	1.18882	1.53631	1.11488	0.645054	1
cg06717615	FRY	0.278142	0.153744	0.665108	-1.5026	0.612007	1.71733	1.1733	0.0529403	1.66502	-1.50369	0.0154546	0.650512	-1.53769	0.0915343	0.488099	2.04868	0.153339	0.373811	-2.67515	0.155597	0.376105	-2.65884	0.228665	0.443479	-2.2549	0.701116	0.780203	-1.28172	1.53631	10.0783	5.83117	1
cg27146990	CASA	0.278145	0.254428	0.464928	-2.15087	0.0794525	0.282751	-3.53668	0.0301623	0.19383	-5.15916	0.908727	0.928848	-1.0766	0.451642	0.610459	-1.63811																	
cg03490969	FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C;FAM122C	0.278181	0.513592	1.38462	1.38462	0.69832	2.7071	2.7071	0.0302025	3.49702	3.49702	0.507541	1.39131	1.39131	0.534331	0.734077	-1.36225	0.555889	0.746309	-1.33993	0.309256	1.67681	1.67681	0.372627	1.56771	1.56771	0.480012	1.42288	1.42288	1.53618	5.87059	3.39695	1
cg01627201	MIR877;ABCF1;ABCF1	0.278183	0.493878	1.09558	-1.09558	0.0350806	1.38069	1.38069	0.393341	1.63688	1.63688	0.43063	1.11148	1.11148	0.969193	0.994939	-1.00509	0.0563744	1.32825	1.32825	0.284821	1.15716	1.15716

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs.1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs.1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1 vs.1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.1537 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs.5637 vs. N)	F(Error)	SS(Test)	SS(Error)	df
cg09698166	PLK1;PLK1;PLK1S1;PLK1S1;PLK1S1	0.278473	0.601874	0.905095	-1.10486	0.340481	0.830197	-1.20453	0.0408651	1.56383	1.56383	0.996306	1.00082	1.00082	0.984222	1.00375	1.00375	0.737501	0.938265	-1.0658	0.327833	0.825852	-1.21087	0.346332	1.20167	1.20167	0.107952	1.39412	1.39412	1.53521	0.872564	0.505215	1
cg26521869	CDG1	0.278475	0.2200093	1.35734	1.35734	0.117562	1.49598	1.49598	0.30972	1.28286	1.28286	0.653625	1.11297	1.11297	0.6268	1.12312	1.12312	0.176388	0.711359	-1.40576	0.163483	1.42248	1.42248	0.888073	1.56208	1.56208	0.256115	1.32432	1.32432	1.5352	1.36524	0.790481	1
cg02044989	PYGB	0.278477	0.1345868	0.658597	-1.51838	0.316314	1.30761	1.30761	0.911075	1.02968	1.02968	0.102416	1.58835	1.58835	0.916496	0.973208	-1.02754	0.881667	0.7852	-1.03931	0.760729	1.08228	1.08228	0.0734715	0.950517	-1.6764	0.415695	1.24032	1.24032	1.5352	1.62954	0.943513	1
cg05394783	STK32C	0.27948	0.864722	0.885788	-1.12894	0.260097	2.30593	2.30593	0.920598	1.07349	1.07349	0.622924	0.702933	-1.42261	0.0231019	0.144852	-6.90361	0.4629	0.587751	-1.7014	0.62636	1.41759	1.41759	0.194304	2.65549	2.65549	0.867396	0.887938	-1.1262	1.53519	12.2993	7.3214	1
cg24033503	BEGAIN;BEGAIN	0.278482	0.870057	0.944187	-1.05911	0.0384727	2.3281	2.3281	0.0827709	1.9681	1.9681	0.852102	1.06799	1.06799	0.985791	1.0063	1.0063	0.659964	0.852983	-1.17236	0.418819	1.33795	1.33795	0.198182	0.691031	-1.61491	0.588605	1.21221	1.21221	1.53518	3.01981	1.74861	1
cg08641681	MAP2K5;MAP2K5	0.278488	0.521628	0.85524	-1.16926	0.92674	1.02239	1.02239	0.665573	0.900602	-1.11037	0.58291	1.14284	1.14284	0.0549386	0.59215	-1.68876	0.0309113	0.543312	-1.84056	0.820942	0.946886	-1.05609	0.483901	0.842594	-1.18681	0.161981	0.698039	-1.43258	1.53516	1.40915	0.815926	1
cg19363749	PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHAC2;PCDHA8;PCDHA5;PCDHA1;PCDHA2;PCDHA3	0.278489	0.386843	0.535873	-1.86611	0.0795532	3.93431	3.93431	0.0484386	4.8831	4.8831	0.539159	1.54847	1.54847	0.563558	0.663207	-1.50783	0.656866	0.730188	-1.36951	0.485424	0.607412	-1.64633	0.487148	1.64299	1.64299	0.5426112	0.648263	-1.54258	1.53516	12.0263	6.96348	1
cg27641961	ZNRF1	0.278496	0.426296	0.755698	-1.32328	0.621657	0.842373	-1.18712	0.0372422	0.43439	-2.30208	0.0867766	0.520865	-1.91988	0.349573	0.71746	-1.39381	0.344181	1.39933	1.39933	0.999759	0.998896	-1.0001	0.622765	0.842839	-1.18647	0.14074	0.57905	-1.72697	1.53513	2.89007	1.67396	1
cg19696743	OTX2OS1	0.278499	0.52606	0.579419	-1.72587	0.157546	0.279098	-3.58216	0.0218872	2.9995	2.9995	0.855394	1.16761	1.16761	0.0387807	0.61313	-1.63096	0.702645	0.737542	-1.38515	0.326011	0.934387	-1.07044	0.939647	0.937704	-1.06643	0.105201	0.232292	-4.49858	1.53513	12.5429	10.1579	1
cg22630731	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.278501	0.200525	2.85451	2.85451	0.197839	2.87456	2.87456	0.224812	2.97922	2.97922	-2.68874	0.328716	0.457477	-2.1859	0.154821	0.306897	-2.25842	0.181112	0.332389	-3.00853	0.228025	0.33742	-2.96866	0.623454	0.682123	-1.46797	0.79122	1.22854	1.22854	1.53512	14.6317	8.47227	1
cg22233843	HLA-DQB1	0.278505	0.776427	1.23112	1.23112	0.146942	1.31669	1.31669	0.642135	0.7004505	-1.40745	0.358496	0.501798	-1.99284	0.474383	1.70115	1.70115	0.608138	0.68545	-1.4589	0.761397	1.24908	1.24908	0.0239845	1.74703	1.74703	0.298444	2.19508	2.19508	1.53511	12.9667	7.50827	1
cg16461423	KIAA1409	0.278506	0.87065	0.944187	-1.05911	0.0384727	2.3281	2.3281	0.0827709	1.9681	1.9681	0.852102	1.06799	1.06799	0.985791	1.0063	1.0063	0.16044	1.86189	1.86189	0.0525708	2.49336	2.49336	0.446069	1.37986	1.37986	0.336077	1.5086	1.5086	1.5511	3.01981	1.74861	1
cg15834485	GNRH2;GNRH2;GNRH2	0.278507	0.541045	0.720513	-1.3879	0.252292	1.88418	1.88418	0.0418826	3.46353	3.46353	0.284532	1.80204	1.80204	0.540399	0.720126	-1.38865	0.364133	0.610161	-1.63891	0.626431	0.77116	-1.29675	0.27452	0.547553	-1.82631	0.495734	1.44256	1.44256	1.5351	6.82281	3.9507	1
cg08480051	RBM20	0.278509	0.16002	0.42801	-2.33149	0.453316	0.650089	-1.53845	0.245674	1.98317	1.98317	0.678676	0.790638	-1.26468	0.132054	0.309835	-2.50078	0.220023	0.484992	-2.06169	0.0415204	0.265688	-3.76383	0.470414	0.660954	-1.51296	0.417508	0.639795	-1.5631	1.53509	7.73099	4.46796	1
cg12743696	RAB9A	0.278513	0.82443	1.26245	1.26245	0.354655	0.136677	-2.9702	0.0135424	0.334945	-2.98556	0.910362	0.738934	1.33047	0.0925	0.540232	-1.85067	0.349445	0.30701	1.00701	0.122101	0.78892	1.26807	0.678892	0.259934	0.263007	-3.83132	0.490521	2.22609	1.53509	31.7643	18.393	1
cg13882988	MBL2 CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.27852	0.873677	0.915599	-1.09218	0.0457038	3.55928	3.55928	0.276674	1.87206	1.87206	0.186773	0.460449	-2.17179	0.695445	0.804099	-1.24363	0.853571	0.902678	1.10782	0.468017	1.50564	1.50564	0.848177	1.11206	1.11206	0.14701	0.422115	-2.36902	1.53506	7.46676	4.3237	1
cg13938349	AMK2B;CAMK2B;CAMK2B;CAMK2B	0.278524	0.170064	1.96256	1.96256	0.102745	2.27895	2.27895	0.252396	1.73609	1.73609	0.557862	1.3145	1.3145	0.0186108	0.894916	-1.11742	0.923409	0.9566	-1.04537	0.395071	0.669053	-1.49465	0.0346857	1.31465	1.31465	0.621358	1.25825	1.25825	1.53504	5.17577	2.9971	1
cg01639509	PITPNM2	0.278526	0.838153	0.963953	-1.03743	0.610088	0.749119	-1.33459	0.214524	0.11548	-8.64709	0.0474739	-2.21474	0.622618	0.0920667	-1.26252	0.0657991	0.378967	-2.63976	0.571903	0.763701	-1.30939	0.554942	0.255114	-1.32395	0.510049	0.763573	-1.30963	0.0151464	0.305779	-3.27033	1.53504	5.36879	3.10889	1
cg17894331	CDKN2C	0.278527	0.346697	2.660864	-1.51317	0.307562	1.5706	1.5706	0.190979	0.553307	1.80732	0.60569	0.800445	-1.24931	0.133466	0.502644	-1.99743	0.109366	2.10891	2.10891	0.0107075	2.14822	-1.24822	0.0930962	0.982452	-1.01786	0.196036	0.507442	-1.97039	1.53503	4.44169	2.57204	1
cg06890610	SNX29	0.278532	0.102822	2.299387	-3.34016	0.0628742	4.11281	4.11281	0.539032	1.52235	1.52235	0.422184	0.574635	-1.74023	0.662227	0.534042	-1.87251	0.936428	0.947524	-1.05538	0.791895	0.915998	-1.09168	0.892195	0.912444	-1.09596	0.136899	0.338672	-2.95271	1.53502	11.1008	6.42816	1
cg17937420	MARCKS	0.27858	0.192607	0.69864	-1.43114	0.134548	1.32541	1.32541	0.2961	0.752847	1.32841	0.241218	1.84801	1.84801	0.648563	0.541093	-1.84853	0.102682	0.583762	1.71404	0.26536	0.464609	2.15252	0.0499054	0.455575	0.54048	-1.85042	0.0490944	0.473365	1.53502	1.54994	0.54253	1
cg19996418	RCCQL4	0.278539	0.074463	0.285261	-3.50556	0.181734	0.408716	-2.44669	0.896898	0.08527	0.08527	0.716607	1.25872	1.25872	0.122401	0.347624	-2.87667	0.915726	1.06909	1.06909	0.140915	2.71713	2.71713	0.768815	1.20446	1.20446	0.368538	0.558249	-1.79132	1.53499	9.68512	5.60849	1
cg12328660	GPR156;GPR156	0.278541	0.232188	0.396073	-2.52497	0.0742079	1.60872	1.60872	0.429323	0.8755405	1.5510097	0.195692	0.807824	1.23884	0.0884337	0.713079	-1.40233	0.0595468	0.208393	-4.80124	0.100534	0.264503	-3.7807	0.244373	0.404078	-2.45653	0.0921257	0.193236	-5.17489	1.53496	13.2396	7.64684	1
cg21127268	FEZ1;FEZ1	0.278542	0.487736	1.58371	1.58371	0.338293	0.523548	1.91005	0.399117	0.56863	-1.75861	0.391311	1.77633	1.77633	0.198218	0.857447	-1.16625	0.0271707	1.64173	-1.60914	0.899074	1.08667	1.08667	0.948585	1.04271	1.04271	0.274867	2.11136	2.11136	1.65206	10.4782	4.22834	1
cg12073291	TYW1	0.278544	0.118169	0.662423	-1.50961	0.736201	0.921194	-1.08555	0.662549	0.898885	-1.11249	0.433673	0.823701	-1.21403	0.0274883	0.531	-1.88324	0.288418	0.765254	-1.30676	0.9501	1.01531	1.01531	0.444343	0.827537	-1.20841	0.0573909	0.593447	-1.68507	1.53498	1.43273	0.82968	1
cg05435888	ARHGEF1;MIR765;ARHGEF11	0.278546	0.176751	0.486971	-2.05351	0.279507	2.218	2.218	0.112712	0.6573516	1.68083	0.188329	1.12571	1.12571	0.700021	0.914507	-1.09355	0.0774028	0.111888	-8.9374	0.0125966	0.270596	3.69589	0.0257792	0.720982	-1.387	0.223511	0.712347	-1.40381	0.16497	1.53497	17.8005	14.1557	1
cg06188198	PITPNM2;PITPNR2	0.278553	0.528975	0.893975	-1.1186	0.480958	1.31415	1.31415	0.08465	1.39811	1.39811	0.617729	0.915382	-1.09244	0.0923424	0.636985	-1.5699	0.933394	1.0148	1.0148	0.736136	0.940301	-1.06213	0.679678	0.929639	-1.07569	0.601853	0.911649	-1.09691	1.53495	0.750641	0.434697	1
cg11176694	CXXC5	0.278554	0.604357	1.20554	-1.20554	0.228758	1.38085	1.38085	0.153783	1.43008	1.43008	0.203308	1.34099	1.34099	0.279038	1.35354	1.35354	0.0176	1.39815	1.39815	0.0904919	2.82134	-1.21751	0.0941957	0.49057	4.39057	0.644404	1.27716	1.27716	1.53495	1.98191	1.2	1
cg13762156	TBCD	0.27857	0.584582	0.884572	-1.13049	0.589754	1.12855	1.12855	0.155894	0.713706	-1.40114	0.0324861	0.573442	-1.74385	0.883525	1.0331	1.0331	0.398915	1.21151	1.21151	0.238632	1.31547	1.31547	0.50767	0.861299	-1.16104	0.618717	0.894526	-1.11791	1.53489	1.1998	0.69483	1
cg27634071	RIBC2;SMC1B;RIBC2	0.278571	0.853334	0.967233	-1.03388	0.0736193	0.698342	-1.43196	0.119953	0.738086	-1.35486	0.346486	0.839853	-1.19068	0.776704	1.05251	1.05251	0.293416	1.21784	1.21784	0.416809	0.866923	-1.15351	0.866929	0.777373	-1.28638	0.108939	0.729994	-1.36987	1.53489	0.787838	0.456254	1
cg22177309	GLTSCR2	0.278577	0.869721	0.980156	-1.02045	0.839414	0.914154	-1.09362	0.565895	0.99331	-1.00974	0.615688	1.03152	1.03152	0.884874	0.983003	-1.01722	0.912627	0.923502	1.08297	0.744824	0.954138	1.04838	0.754345	0.95096	1.05096	0.727082	1.13413	1.13413	1.53487	0.666261	0.385852	1
cg25899829	ARRB1;MIR326;ARRB1	0.278589	0.212602	0.471203	-2.12223	0.134765	0.515986	2.51986	0.336025	1.76579	1.76579	0.564003	0.71584	-1.39696	0.130665	0.39236	2.54868	0.152512	0.415457	-2.40699	0.599753	0.738228	-1.35459	0.473296	1.51902	1.51902	0.398384	0.609207	-1.64148	1.53483	7.98616	4.62515	1
cg07870921	DSC96	0.278591	0.007552	1.42813	1.42813	0.0158205	2.24089	2.24089	0.187855	5.66	5.66	0.268098	3.9857	3.9857	0.699736	0.616449	-1.62211	0.734706	1.32736	1.32736	0.0334004	3.02722	1.32736	0.0334004	0.10272	10.0272	0.0703805	0.125105	7.99205	1.53482	37.8688	23.9167	1
cg05314961	AGPAT3;AGPAT3	0.278594	0.187597	0.739562	-1.35215	0.913183	1.03284	1.02384	0.326992	0.803631	-1.24434	0.710478	1.08389	1.08389	0.0115666	0.524943	-1.90497	0.185141	0.738166	-1.35471	0.920117	1.02191	1.02191	0.806324	0.948317	-1.0545	0.526988	0.870686	-1.14852	1.53481	1.13448	0.657037	1
cg18138842	PDE6B;PDE6B;PDE6B	0.278597	0.299712	0.593526	-1.68485	0.2114498	0.52786	-1.89444	0.538504	0.739127	-1.35295	0.0723857	2.64641	2.64641	0.284664	0.583066	-1.71507	0.187509	0.507624	-1.96996	0.172278	0.494018	-2.02422	0.327114	0.611988	-1.63402	0.448102	0.687109	-1.45537	1.5348	5.72714	3.3169	1
cg04864179	RFC1;RFC1;RFC1;RFC1;RFC1;RFC1	0.278598	0.421932	1.23625	-1.2625	0.353852	2.76422	2.76422	0.0135	1.9385	1.9385	0.364308	0.585204	-1.70892	0.784145	-1.05302	0.403232	0.386743	1.32736	1.32736	0.0334013	2.13103	2.13103	0.218286	1.47787	1.47787	0.137649	1.75936	1.75936	1.53477	1.73988	1.28456	1
cg01429391	MYH7	0.2786	0.720464	0.85714	-1.16667	0.86481	0.7758	1.1058	0.7381	1.43779	1.46375	0.268783	1.64361	1.64361	0.0611938	0.285588	3.50155	0.88122	1.06621	1.06621	0.960515	0.978998	-1.02145	0.367283	1.4899	1.4899	0.779783	1.12775	1.12775	1.53409	0.454554	2.21661	1
cg02481442	WSF2	0.278601	0.0904861	0.594901	-1.68101	0.0979	0.0159	-3.52332	0.0147391	0.4410404	1.64735	0.664048	0.366179	-2.7309	0.0147391	0.4410404	1.64735	0.774594	1.28214	0.6314465	0.366179	0.774594	-1.28214	0.6314465	0.366179	0.774594	-1.28214	0.6314465	0.366179	0.774594	-1.81758	0.2828775	0.545844	1.83225	1.53405	11.2445	6.14545	1
cg24178500	PABPC1L	0.278601	0.0216022	0.424904	-2.35347	0.237594	0.681239	-1.46791	0.665549	1.14445	1.14445	0.728157	0.897531	-1.11417	0.341954	1.35498	1.35498	0.391602	1.31301	1.31301	0.812708	0.929007	-1.07642	0.469411	0.795848	-1.25652	0.6177	1.16896	1.16896	1.53479	2.33972	1.35507	1
cg01766718	MIR1376;KLHL25	0.278601	0.905752	0.92135	-1.08536	0.0598321	4.3433	4.3433	0.0846124	3.74023	3.74023	0.46305	1.67631	1.67631	0.2014057	0.395342	-2.52946	0.842727	0.876316	-1.14227	0.476503	0.606133	-1.6498	0.552686	1.51498	1.51498	0.477587	0.606904	-1.64771	1.53479	11.6264	6.73352	1
cg19774609	PIK3IP1;PIK3IP1	0.278601	0.0054409	0.647447	-1.54427	0.0178	0.18773	-5.32823	0.0073593	0.8594357	1.16329	0.0178	1.83597	1.83597	0.0075242	0.544791	-1.83597	0.614924	1.48742	-1.48742	0.148858	0.818031	-1.08829	0.831407	0.944642	-1.0584	0.541778	1.17875	1.17875	1.53479	1.7233	0.99807	1
cg19498319	TSPAN13	0.278602	0.203258	0.674683	-1.48218	0.432243	1.26471	1.26471	0.574568	1.18032	1.18032	0.485849	0.812619	-1.23059	0.141451	0.629201	-1.58932	0.476275	0.808783	-1.23643	0.0451933	0.510036	-1.96065	0.307575	0.733837	-1.3627	0.143469	0.63089	-1.58506	1.53479	2.08686	1.20863	1
cg00457389	SCML2;SCML2	0.278603	0.0197139	0.790547	-1.26509	0.0790495	2.218	2.218	0.112712	0.6573516	1.68083	0.188329	1.12571	1.12571	0.700021	0.914507	-1.09355	0.0774028	0.111888	-8.9374	0.0125966	0.270596	3.69589	0.0257792	0.720982	-1.387	0.223511	0.712347	-1.40381	0.16497	1.53478	17.8005	14.1557	1
cg00013410	MED13;MED13	0.278603	0.47694	1.57538	1.57538	0.732729	1.2404	1.2404	0.846819	1.19224	1.19224	0.328314	1.88534	1.88534	0.728493	0.803312	-1.24485	0.165382	1.394595	-2.53424	0.0297001	4.99429	4.99429	7	7	7	0.410651	1.69683	1.69683	1.53478	8.5461	5.56046	1
cg00037223	MA2;MA2	0.278615	0.109963	0.647556	-2.08284	0.0284758	3.36201	3.36201	0.563621	1.31082	1.31082	0.758917	1.15296	1.15296	0.477422	0.716056	-1.39654	0.0268747	1.25266	1.25266	0.367085	0.615142	-1.62555	0.0884886	0.99128	-1.0088	0.523902	0.741819	-1.34804	1.53474	5.21001	3.60976	1
cg00308707	UNC5C	0.278615	0.836497	1.06727	1.06727	0.341257	1.36201	1.36201	0.1563	1.34612	1.34612	0.23187	1.48441	1.48441	0.69317	1.13307	1.13307	0.994611	1.00213	1.00213	0.9241	1.07016	-1.04824	0.0575134	1.96743	1.96743	0.0488866	2.031	2.031	1.53474	2.41238	1.3972	1
cg04800347	WDR52;WDR52	0.278618	0.633126	1.17511	1.17511	0.203188	0.637167	-1.56945	0.152719	0.573504	-1.74367	0.53074	1.23331	1.23331	0.398606	1.33641	1.33641	0.403009	1.33264	1.33264	0.0474249	2.14019	2.14019	0.0970688	0.474703	-1.78364	0.0150759	0.539452	1.1233	1.1233	1.53473	2.73674	1.58507	1
cg03274021	FAM49B	0.278619	1.236871	1.236871	1.236871	0.0001	1.24525	1.24525	0.04636	0.8973937	-1.12221	0.144422	0.753556	1.32659	0.0150155	0.810585	-1.23399	0.474703	1.13834	1.13834	0.155079	1.53842	1.53842	-1.71394	0.0001	0.0001	0.0001	0.0001	1.53842	1.53842	1.53472	1.05831	0.68329	1
cg06728974	ZNF649	0.278619	0.561785	0.919992	-1.08697	0.456405	1.11385	1.11385	0.357052	0.874022	-1.14414	0.422517	0.890065	-1.12351	0.586161	1.08128	1.08128	0.66904	1.06303	1.06303	0.0216927	0.67585	-1.47962	0.258538	1.18244	1.18244	0.889895	0.980503	-1.01989	1.53473	0.49117	0.284477	1
cg22702772	CES3;3	0.27862	0.3614	1.33919	1.33919	0.3424	3.40563	3.40563	0.403792	2.70267	2.70267	0.0468277	17.3036	17.3036	0.0810736	1.15138	1.15138	0.081356	1.2683	1.2683	0.764054	0.658948	-1.51772	0.0478855	11.0041	11.0041	0.218291	0.59424	5.00424	1.53473	38.1452	22.0991	1
cg04609928	VAV2;VAV2 SEPSEC5;SEPSEC5;SEPSEC5;SEPSEC5;SEPSEC5;SEP	0.278622	0.293734	0.430318	0.30937	-0.643355	0.728328	-1.97301	0.830861	1.15654	1.15654	0.210364	0.827523	1.74799	0.0150155	0.810585	-1.23399	0.229834	0.424604	-2.35514	0.0221284	0.522118	-1.91557	-6.57384	0.115573	0.312533	-3.19966	0.593992	0.693167	-1.44168	1.53473	11.2356	6.50749	1
cg04611865	SEC5;SEPSEC5	0.278621	0.332686	0.649243	-1.54026	0.489563	0.738295	-1.35447	0.422883	1.42452	1.42452	?	?	?	0.796281	0.8942	-1.11832	0.123265	0.485943	-2.05786	0.20292	0.559341	-1.78782	0.288717	1.60971	1.60971	0.142312	1.97739	1.97739	1.53688	4.04242	2.63028	1
cg21133266	FAM66D	0.278621	0.523741	0.792295	-1.26216	0.0593266	0.464381	-2.1534	0.0712243	0.483813	-2.06691	0.480051	1.29521	1.29521	0.539583	0.799491	-1.2508	0.502805	0.782679	-1.27766	0.315201	0.668738	-1.45383	0.105984	0.529313	-1.88924	0.57302	1.2277	1.2277	1.53472	3.15566	1.82771	1
cg26275813	ONECUT2;ONECUT2	0.278629	0.256289	0.481753	-2.07651	0.183685	1.0967	1.0967	0.9	1.04618	1.04618	0.185831	0.716607	-1.39547	0.0947371	0.640318	-1.56187	0.72374	0.746858	-1.33897	0.0477372	0.428044	-2.33611	0.0421621	0.74607	-1.34017	0.56768	0.805093	1.24209	0.0377322	0.62103	-1.6102	0.163911	0.705964	-1.4165	1.5347	3.14483	1.87785	1
cg27041645	C18orf54	0.278629	0.323227	0.83677	-1.19507	0.544088	1.1132	1.1132	0.990708	0.997966	-1.00204	0.792874	1.04703	1.04703	0.0666442	0.698253	1.43215	0.081421	0.713664	-1.40122	0.790587	0.95458	-1.04758	0.816346	1.04147	1.04147	0.142745	1.31672	1.31672	1.5347	0.741447	0.429443	1
cg09053256	CCND1	0.278634	0.593455	0.862866	-1.15893	0.272182	1.36733	1.36733	0.0826416	0.590871	-1.69241	0.291748	1.34911	1.34911	0.204792	0.693334	-1.44221	0.913255	1.03028	1.03028	0.527914	0.839414	-1.19131	0.193479	1.45739	1.45739	0.312534	1.33104	1.33104	1.53468	1.82119	1.05484	1
cg07607462	UBR1	0.278641	0.604543	1.27557	1.27557	0.315155	0.762796	-1.311	0.337606	0.896094	-1.03939	0.410245	1.16	1.16	0.0178	0.545142	-1.83504	0.0284803	0.61265	-1.63225	0.0387202	0.477022	0.0996609	-1.00393	0.831942	0.96227	-1.03817	0.5667	0.755058	0.437333	1.53468	0.755058	0.437333	1
cg24049880	NDUFS2;NDUFS2	0.278637	0.135689	0.42686	-2.34269	0.509232	0.701546	-1.42542	0.975079	0.983599	-1.01667	0.121469	2.43233	2.43233	0.880487	1.08291	1.08291	0.265404	1.84862	1.84862	0.400125	0.633825	-1.57772	0.0852441	2.73828	2.73828	0.532284	1.39779	1.39779	1.53467	6.81227	3.9457	1
cg08785922	NXN	0.278639	0.391766	0.862335	-1.15964	0.574831	1.1034	1.1034	0.966272	1.16407	1.16407	0.301475	1.19711	1.19711	0.529044	1.11355	1.11355	0.96126	1.09184	1.09184	0.0883	1.16283	1.16283	0.0616754	1.37958	1.37958	0.0756456	1.0475	1.0475	1.53466	0.609255	0.401145	1
cg07748745	UBTD1	0.278647	0.114907	0.566516	-0.60544	0.438254	2.28596	2.28596	0.853706	1.21291	1.21291	0.401403	0.407364	-2.45481	0.0564035	0.102393	0.7663	0.478129	0.470426	-2.12573	0.573818	1.8117	1.8117	0.0892538	0.140924	-7.09603	0.420344	0.442281	-2.36529	1.53464	26.5773	15.3941	1
cg05601623	PCBD1	0.278648	0.251132	0.296192	-3.37619	0.09656	0.995634	-1.00438	0.96814	1.04136	1.04136	0.33667	0.36596	-2.73254	0.298384	0.33493	-2.9857	0.148792	4.81315	4.81315	0.0318967	0.0779508	-12.8286	0.919167	1.1085	1.1085	0.713511	1.45382	1.45382	1.53463	25.0284	14.4969	1
cg06965842	ELMO2;ELMO2	0.278651	0.156039	1.48782	1.48782	0.2422	1.34125	1.34125	0.272972	1.19461	1.19461

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg02812142	ACAD10	0.278857	0.341473	0.457183	-2.18731	0.0502311	0.168239	-5.94392	0.121393	0.2616831	3.82258	0.387001	0.491607	-2.03415	0.0978495	0.23455	-4.26348		0.1069616	0.310924	-3.21822	0.184809	0.325294	3.07414	0.339139	0.452884	-2.20758	0.0843864	0.21776	-4.59222	1.53395	15.4893	8.97574	1
cg14511038	GGTA1	0.278859	0.0624398	1.92786	1.92786	0.145267	0.612892	-1.63161	0.453852	0.78755	-1.26976	0.612593	1.17332	1.17332	0.408795	1.30271	1.30271		0.5394851	1.21465	1.21465	0.297544	0.713168	-1.40219	0.252346	1.45394	1.45394	0.415175	1.29785	1.53394	2.38037	1.37938	1
cg13023701	SMOC1;SMOC1	0.278863	0.202544	0.41718	-2.39705	0.0439304	0.222057	-4.50335	0.05665	0.26122	-3.82819	0.46337	0.615582	-1.62422	0.365083	0.546218	-1.83077		0.0505483	0.235048	-4.25444	0.475363	0.623963	-1.60266	0.623456	0.725025	-1.37926	0.527276	0.659538	-1.51621	1.53393	10.2581	5.94444	1
cg26876703	ACSF2	0.278884	0.793975	0.760574	-1.3148	0.0462918	0.24407	-2.44077	0.479469	1.7803	1.7803	0.793056	0.80897	-1.23485	0.0591909	0.18102	-5.52426		0.7666649	0.787595	-1.26969	0.74073	0.766119	-1.30528	0.415448	0.512822	-1.94999	0.472527	0.556413	-1.79723	1.53386	15.6379	9.06235	1
cg01295203	PRDM14	0.278885	0.670406	0.712784	-1.40295	0.807962	0.824824	-1.21238	0.963797	0.964682	-1.03661	0.33755	0.487274	-2.05224	0.461014	0.552367	-1.81039		0.517335	0.595021	-1.68061	0.739169	0.767891	-1.30227	0.013178	0.13655	11.3655	0.823294	1.1935	1.5385	15.1946	8.80548	1
cg03437140	KLHDC4	0.278886	0.774413	0.866387	-1.15422	0.0676867	0.36003	-2.17755	0.620067	0.779246	-1.28329	0.516241	1.3889	1.3889	0.598798	1.30341	1.30341		0.6275546	1.27638	1.27638	0.176413	2.04891	2.04891	0.368579	1.58554	1.58554	0.0780673	2.65685	2.65685	0.05144	3.5069	1
cg17979628	NENF;NENF	0.278886	0.261334	0.827304	-1.20875	0.2868615	0.836101	-1.19603	0.287022	1.19593	1.19593	0.0558166	0.704216	-1.42002	0.510892	1.11397	1.11397		0.4862224	1.12132	1.12132	0.142724	0.774937	-1.29043	0.84319	1.03257	1.03257	0.682148	1.06891	1.06891	0.53585	0.63631	0.3687514	1
cg00443800	LOC100189589	0.278888	0.647909	0.809655	-1.24896	0.4108709	0.665934	-1.5017	0.410343	0.6654469	-1.5027	0.706506	1.2007	1.2007	0.795591	0.8823913	-1.13377		0.8466275	0.910589	-1.09819	0.967049	1.02017	1.02017	0.0193203	0.419349	0.445489	0.5144877	1.3766	1.3766	1.53384	5.67927	3.29125	1
cg01886014	C5orf51	0.278889	0.6586	1.06143	1.06143	0.2972266	0.149496	-1.44946	0.487223	0.69926	-1.43001	0.2161	0.69626	0.9926	0.3361	0.8754844	-1.44223	0.715377	1.05067	1.05067			0.9200907	0.986773	-1.0134	0.303629	1.15355	1.15355	0.141793	1.23589	1.23589	0.284456	1.16076	1.16076	1.53381	0.943666	0.2530358	1
cg20097276	RALY;RALY	0.278899	0.203996	0.432947	-2.30975	0.201945	2.31954	2.31954	0.242674	2.14579	2.14579	0.963629	0.971927	-1.02888	0.08327	0.301995	-3.31132		0.209029	0.437398	-2.28625	0.236475	0.460887	-2.16973	0.93296	1.05394	1.05394	0.526565	0.669861	-1.49285	1.53381	9.47259	5.48966	1
cg27580394	DNAH3	0.278914	0.597015	1.16865	1.16865	0.2706676	0.79295	-1.29	0.511943	0.8388822	-1.19218	0.698124	0.8923987	-1.12068	0.2650602	0.731229	-1.40392		0.7744295	0.8253	-1.21168	0.6135956	0.8113	1.23945	0.2379945	0.2379945	1.66673	0.941954	0.978954	0.0215	1.53376	2.07249	1.20111	1
cg13696490	LOC201651	0.278918	0.822853	0.86368	-1.15784	0.2004214	0.24174	-4.1481	0.030745	0.19	-5.26315	0.643649	0.737515	-1.3559	0.1128331	0.323669	-3.08958		0.196123	0.402959	-2.44344	0.538951	0.665931	-1.50166	0.878709	0.905009	-1.10496	0.515603	0.649947	-1.53859	1.53374	10.3766	6.01378	1
cg06544198	TMEM34;C7MEM14C	0.278919	0.753131	1.08018	1.08018	0.330121	1.31982	1.31982	0.376789	1.75848	-1.28886	0.785782	1.09611	1.09611	0.707813	0.2514438	1.39215	1.39215	0.194911	1.40221	1.40221	0.155727	1.52105	1.52105	1.34978	1.58197	0.0412988	1.91541	1.91541	1.53374	1.85203	1.07935	1
cg16264249	FAM189A1	0.278932	0.132395	0.476032	-2.1007	0.0324576	0.318393	-2.44077	-3.14077	0.479469	0.458436	-2.18133	0.549153	0.493063	-2.02814	0.166252	0.500266	-1.96361	0.383232	0.664494	-1.50491	0.251491	0.578309	-1.72918	0.198608	0.537407	-1.86079	0.705812	0.84084	-1.18929	1.53374	5.07573	2.94167	1
cg13637731	C21orf2	0.278922	0.0224978	0.337539	-2.96262	0.0500377	0.412038	-2.42696	0.31311	0.660607	-1.51376	0.440235	0.731415	-1.36721	0.201629	0.585187	-1.70885		0.397505	0.708747	-1.41094	0.542618	0.782729	-1.2775	0.401002	0.710638	-1.40719	0.260128	0.627031	-1.59482	1.53373	3.83566	2.22299	1
cg11794281	C2orf57	0.278932	0.0801293	0.407066	-2.4566	0.137512	0.619817	-1.61338	0.105134	0.445055	-2.26986	0.515612	0.79791	-1.33697	0.0629624	0.176966	0.2363		0.0578802	0.369685	-2.705	0.501914	0.729428	-1.37094	0.481321	0.717951	-1.39285	0.201556	0.535616	-1.86701	1.5373	2.05702	1.33415	1
cg19694850	MAG;MAG	0.278924	0.94555	0.960013	-1.03518	0.2308062	0.529241	-1.8895	0.607733	0.7694148	-1.29968	0.410083	1.53186	1.53186	0.0489212	0.320333	-3.12175		0.8817859	0.376655	-2.65495	0.143195	0.4509	-2.21779	0.352383	0.616011	-1.62335	0.821282	1.12137	1.12137	0.53973	0.62586	0.3608274	1
cg23260105	SLC6A19	0.278935	0.801833	1.06911	1.04011	0.328207	1.34315	1.34315	0.593898	0.8934837	-1.16981	0.9919953	0.586613	-1.70474	0.358099	1.31413	1.31413		0.084124	1.73735	1.73735	0.114635	1.64204	1.64204	0.827319	1.06519	1.06519	0.88521	0.999106	-1.04264	1.53371	2.0293	1.17612	1
cg12180463	AKT1;AKT1;AKT1;AKT1	0.278937	0.9304848	0.92548	-1.08045	0.4499767	0.818466	-1.2218	0.415327	0.5894435	-1.70147	0.842984	0.8579542	-1.16582	0.2712736	0.695353	-1.43853		0.1627138	0.650531	-1.53763	0.0873575	0.574721	-1.73998	0.167159	0.52881	-1.89125	0.210268	0.68335	-1.46338	1.5337	2.01832	1.16976	1
cg24014487	TGM2;TGM2	0.278937	0.4081651	0.731126	-1.36795	0.734652	1.1342	1.1342	0.819096	0.918696	-1.0885	0.66896	0.85281	-1.17259	0.0418253	0.41963	-2.38305		0.29594	0.609529	-1.49359	0.0594675	0.454992	-2.19784	0.461855	1.31952	1.31952	0.525184	1.26913	1.26913	1.53369	3.32834	1.92902	1
cg08138734	RASSF5;RASSF5	0.278934	0.180783	0.488199	-2.04935	0.0624303	0.194706	-3.8131	0.147107	0.45609	-2.19255	0.588741	0.759243	-1.3171	0.139131	0.435472	-2.29567		0.570304	0.748714	-1.33562	0.0392251	0.360939	-3.13299	0.903583	0.979463	-1.02201	0.562782	0.744357	-1.34364	1.5369	6.18445	3.58405	1
cg10970776	DDB1;DDB1;DAK	0.278935	0.525846	0.925463	-1.08054	0.283536	0.874358	-1.1437	0.565876	1.07244	1.07244	0.605585	0.939157	-1.06478	0.303502	0.879476	-1.13704		0.286167	1.1428	1.1428	0.0312177	0.737233	-1.35642	0.870306	0.980502	-1.01989	0.135356	0.823686	-1.21405	1.53369	0.352733	0.204436	1
cg01231485	FBXL1	0.278936	0.929664	1.03512	1.03512	0.438447	1.31808	1.31808	0.406744	1.27475	1.27475	0.926987	1.0263	1.0263	0.0384947	0.446755	-2.24045		0.954426	1.01632	1.01632	0.799219	1.19847	1.19847	0.0169892	0.0194465	1.72078	-1.38107	0.675738	0.843952	-1.18569	0.94854	0.11283	1
cg08130912	SYNE2;SYNE2;SYNE2;SYNE2	0.278938	0.238256	0.472718	-2.11543	0.188883	0.32633	0.32633	0.56618	1.42153	1.42153	0.322283	0.53786	-1.85922	0.117011	0.356008	-2.80893		0.6732331	0.773159	-1.2934	0.148658	0.390796	-2.55888	0.240972	2.10546	2.10546	0.488123	0.652323	-1.53298	1.53368	0.89636	5.17915	1
cg11676636	ARHGAP22	0.278941	0.277031	0.396078	-2.52476	0.346604	0.452043	-2.21218	0.899473	1.10908	1.10908	0.598233	0.646871	-1.5459	0.103052	0.232023	-4.30991		0.0894503	0.215679	-4.63662	0.181119	0.39084	3.19184	0.191182	0.250244	-3.99609	0.830525	0.838969	-1.19194	1.53367	16.3005	9.44753	1
cg08832195	CDK13;CDK13	0.278945	0.11505	0.42504	-2.35247	0.337415	0.416434	-2.40158	0.490646	0.53785	-1.85925	0.432326	0.28984	-3.45001	0.0134	0.170826	5.85562		0.6527586	1.49354	1.49354	0.113464	2.42069	2.42069	0.0589862	0.161109	6.61106	0.368651	2.26574	2.26574	1.53366	19.0582	11.0459	1
cg25023596	TAOK3	0.278945	0.978818	0.987275	-1.01289	0.0742694	0.383104	-2.61025	0.207767	1.89791	1.89791	0.202035	1.91518	1.91518	0.556517	0.750593	-1.33228		0.5532006	0.748744	-1.33557	0.373565	0.643633	-1.55368	0.206684	0.526003	-1.90113	0.334662	1.61603	1.61603	1.53365	5.65224	3.27598	1
cg12835648	ARHGEF12	0.278947	0.322723	0.415307	-2.4078	0.3595	2.24802	2.24802	0.34126	2.03407	2.03407	0.455624	0.537631	-1.85995	0.222283	0.533778	-2.01045		0.940473	1.06536	1.06536	0.0825666	0.597363	-1.67409	0.0967147	0.0967147	1.66161	0.854665	0.883707	-1.13167	1.53365	2.60616	1.35565	1
cg14546708	DBN1;DBN1	0.278957	0.860896	0.944667	-1.05857	0.693558	0.879393	-1.13715	0.224196	1.51343	1.51343	0.642783	1.16367	1.16367	0.153825	0.67159	-1.48955		0.40571	0.758759	-1.31794	0.0701421	0.9291	1.9291	0.0432222	0.22947	2.22947	0.493647	2.25308	1.25308	1.53362	2.55819	1.48273	1
cg20630690	ZGLP1	0.278962	0.392349	0.844092	-1.18471	0.2620106	0.797542	-1.25385	0.0579848	0.6606564	-1.51363	0.77209	0.945375	-1.05778	0.0315547	0.614041	-1.62856		0.769389	0.944724	-1.05851	0.363078	1.19818	1.19818	0.764782	0.943613	-1.05976	0.886076	0.972653	-1.02812	0.5386	0.908684	0.5266811	1
cg15844895	BAI1	0.278963	0.45219	0.745219	-1.34192	0.2639139	1.20995	1.20995	0.515599	1.13669	-1.2831	0.147107	0.486859	-2.05387	0.0134993	0.144957	-6.89755		0.707132	0.808376	-1.23705	0.0809407	0.421362	2.37303	0.0897468	0.0897468	1.29367	1.29367	0.743353	0.947335	1.53369	1.29367	0.147209	1
cg06926306	WI2	0.278985	0.14661	2.3494	2.3494	0.425891	2.55771	1.55771	0.137648	2.20142	2.20142	0.787593	1.1586	1.1586	0.125674	0.407295	-2.45523		0.39674	0.623098	-1.60488	0.720203	0.821959	-1.21661	0.0964198	0.204705	2.70475	0.88529	0.08187	1.08187	1.53353	7.217	4.18324	1
cg18080604	AOF1;AOF1	0.278985	0.153386	0.391229	-2.55632	0.0613447	0.130776	-4.56653	0.051599	0.4566566	-2.19031	0.481246	0.456556	-2.19031	0.0481246	0.210124	-4.75855		0.3897574	0.611534	-1.63514	0.134019	0.350048	-2.85675	0.199069	0.409223	-2.44281	0.0742827	0.191016	0.0866	1.53353	0.442817	0.2325986	1
cg12395216	STT3B	0.278988	0.195567	0.66006	-1.51501	0.497454	1.23252	1.23252	0.741279	1.1058	1.1058	0.451756	0.792411	-1.26197	0.443261	0.788803	-1.26774		0.637946	1.15471	1.15471	0.0403171	0.487293	-2.05215	0.211	0.49177	1.49177	0.303502	0.723652	-1.38188	1.53352	2.23703	1.29667	1
cg22420756	FAM154A	0.278989	0.406799	0.802539	-1.24605	0.24708	1.36852	1.36852	0.357587	1.27794	1.27794	0.314812	0.763806	-1.30923	0.11752	0.6436	-1.55376		0.42128	0.808187	-1.23734	0.242649	0.597551	-1.67461	0.954585	0.985346	-1.01487	0.210958	0.710591	-1.40728	1.53351	1.63199	0.945972	1
cg04379469	TRNAP	0.278989	0.895935	0.940754	-1.06355	0.4023268	0.823126	-1.2148	0.357587	0.7279475	0.6048349	-1.66546	0.7273442	0.2059	0.0207788	0.730588	-1.36868		0.2622828	0.44624	-2.24091	0.0854479	0.689544	-1.45078	0.0826142	0.265226	0.769044	0.5351	1.74574	0.708827	1.53351	0.9854	1.15283	1
cg13532478	CSPG5	0.278997	0.333796	0.806433	-1.24003	0.429362	0.840445	-1.18985	0.0957328	1.49006	1.49006	0.106472	0.68125	-1.46789	0.996886	0.999162	-1.00084		0.6151104	0.896704	-1.1152	0.720453	1.08029	1.08029	0.130203	1.42661	1.42661	0.545716	1.14063	1.14063	1.53267	1.13206	0.556332	1
cg05180304	CHST11	0.279007	0.534072	0.861902	-1.16051	0.3021	0.6935	-1.4421	0.435569	0.650585	-1.53687	0.295385	0.262657	-3.80792	0.0178982	0.199337	-5.01676		0.9	1.0283	1.0283	0.707447	0.842881	-1.18641	0.291317	0.893972	0.95	1.0526	0.72791	0.72791	0.72791	2.28342	2.28342	0.0251	13.088	8.64044	1
cg11546777	PLXDC2	0.279006	0.161634	0.507814	-1.96923	0.205597	0.54584	-1.83204	0.46868	0.71586	-1.39692	0.129449	0.7	0.7	0.0955134	0.2115	-4.72955		0.950914	1.0283	1.0283	0.707447	0.842881	-1.18641	0.291317	0.893972	0.95	1.0526	0.72791	0.72791	0.72791	2.28342	2.28342	0.0251	13.088	8.64044	1
cg00249389	PSMB9;TAP1;PSMB9;TAP1	0.279006	0.232296	0.751032	-1.3315	0.88314	1.03419	1.03419	0.554062	0.872146	-1.1466	0.323191	1.26267	1.26267	0.31152	1.25733	1.25733		0.2170398	1.34558	1.34558	0.0495447	0.599207	-1.66837	0.964059	0.989754	-1.01035	0.339174	1.25254	1.25254	1.53344	1.26873	0.735442	1
cg27481012	RB1CC1;RB1CC1	0.279012	0.920324	0.94039	-1.06379	0.4434099	0.811637	-1.23214	0.344127	0.5937	-1.68437	0.8417	0.8572857	-1.16662	0.2114	0.7098622	-1.40909		0.2606708	1.16973	1.16973	0.0326557	0.440359	-2.27111	0.0557	0.0557	1.92326	0.0963179	0.144502	0.0227358	1.53343	1.80373	2.20492	1
cg00815091	BSND	0.279013	0.526757	0.809913	-1.2347	0.33789	0.722697	-1.38371	0.0738637	0.519472	-1.9253	0.512188	0.803705	-1.24424	0.160153	0.4011	-2.49377		0.403206	1.32472	1.32472	0.0856389	0.667376	-1.49896	0.0539441	0.0539441	1.93207	0.0539441	0.0539441	0.0539441	1.53342	1.93207	2.64244	1.52122	1
cg13278727	C17orf56	0.279013	0.408734	1.08995	1.08995	0.3525	0.90015	0.90015	0.864746	1.07184	1.07184	0.774745	0.64607	-1.54766	0.0422	0.2	-5		0.50216	0.9248	1.08115	0.0423	0.5	-2	0.0423	0.0423	1.92	0.0423	0.0423	0.0423	1.53342	1.92	2.64	1.52	1
cg03932308	ETV1;ETV1;ETV1;ETV1	0.279015	0.482014	1.33681	1.33681	0.878807	1.06395	1.06395	0.032146	2.77182	2.77182	0.220173	0.592338	-1.68823	0.293757	0.642489	-1.55645		0.944161	0.971946	-1.02886	0.947877	1.02691	1.02691	0.638591	0.825166	-1.21188	0.186618	1.766	1.766	1.53342	4.00771	2.32317	1
cg19046216	MRAP2	0.279018	0.785698	0.958097	-1.04352	0.453401	1.17394	1.12674	0.2869	1.03137	1.03137	0.911637	-1.06262	0.810451	0.96179	1.03137	1.03137		0.4663862	1.12229	1.12229	0.0108891	0.606885	-1.64776	0.0976	0.0976	1.67005	0.0976	0.0976	0.0976	1.53341	1.93207	0.549614	1
cg20820438	ELP2P;SEMIN4	0.279023	0.0745603	0.37662	-2.72088	0.700548	0.745745	0.466017	0.24876	0.60482	0.208282	0.93974	0.928221	-1.07733	0.0540794	0.170946	-5.84925		0.1909054	0.335513	0.0990384	-2.98097	0.701953	0.769505	-1.29954	0.535113	0.21465	13.7714	0.0	1
cg26913502	TTC39A	0.279028	0.482367	0.739067	-1.35306	0.28051	0.60808	1.60808	0.097549	2.15952	2.15952	0.659008	0.828562	-1.20691	0.220949	0.579895	-1.72445		0.506069	0.751937	-1.3299	0.084847	0.446189	-2.2412	0.772687	1.13049	1.13049	0.436964	1.39907	1.39907	1.53338	4.35522	2.52468	1
cg12528616	GTF2H1;EIF2B1;EIF2B1	0.279028	0.388283	1.507	1.507	0.0	0.821907	-1.12668	0.808408	1.06128	1.06128	0.466344	0.703516	-1.42139	0.0	0.973272	-1.02745		0.973272	1.16565	1.16565	0.138094	1.59336	1.59336	0.0	0.0	1.31946	0.0	0.0	0.0	1.53337	1.59336	1.59336	0.0	0.0	1
cg10540110	KDM5B	0.279029	0.107324	0.261789	-3.81987	0.730133	1.29774	1.29774	0.89223	1.10105	1.10105	0.293783	0.438788	-2.279	0.0944415	0.24577	-4.06884		0.4711	0.57285	-1.73827	0.0465853	0.173557	-5.76181	0.134486	0.29285	-3.41472	0.328598	0.466664	-2.14287	1.58255	1.83825	0.62285	1
cg27912174	C14orf45;C14orf43	0.279029	0.684964	1.68252	1.68252	0.0653166	1.49534	1.49534	0.339256	1.21105	1.21105	0.672094	1.08629	1.08629	0.637373	1.0967	1.0967		0.4911	0.873273	-1.14513	0.288245	0.80716	-1.23891	0.0412621	0.58043	1.58043	0.894028	1.02602	1.02602	1.53338	0.917812	0.532049	1
cg25892041	USTB;UGT8	0.279038	0.503193	1.8308	1.8308	0.390375	1.58495	1.58495	0.0888	1.13889	1.13889	0.163009	0.76386	-1.30881	0.0424245	0.206337	-4.84837		0.31102	1.44188	1.44188	0.0194283	0.76	1.32	0.12045	0.47759	0.47759	0.135545	0.18676	0.18676	1.53336	0.18676	0.13535	1
cg01595107	BAX;BAX;BAX;BAX;BAX	0.279041	0.985347	0.997103	-1.00291	0.588606	0.10009	1.09009	0.64637	1.43178	1.43178	0.55904	0.91089	-1.09783	0.997324	0.872039	-1.14674		0.310262	0.84717	-1.1804	0.941189	1.10172	1.10172	0.141322	1.28386	1.28386	0.173193	1.25727	1.25727	1.53334	0.605985	0.351294	1
cg21608152	SIRT4	0.279042	0.0982518	0.360466	-2.77435	0.0720757	0.223236	-4.48	0.0625	0.2	0.133326	1.25085	0.324598	1.13175	0.0412524	0.164	-6.09756		0.498911	0.785552	-1.4083	0.42787	0.56809	-1.76011	0.0681	0.106891	0.103192	1.1994	1.1994	0.0240408	0.31664	1.53334	1.31664	1.16464	1
cg05159279	D2HGDH	0.279044	0.515131	0.83526	-1.19723	0.798492	0.932602	-1.07227	0.188337	0.683735	-1.46256	0.408039	0.793885	-1.25963	0.804589	0.934623	-1.06995		0.457274	0.81345	-1.22933	0.0217941	0.21894	0.21894	0.466876	0.817149	-1.22377	0.995777	1.00144	1.00144	0.53333	1.80657	1.04729	1
cg15925478	BCAS3	0.279048	0.736958	1.10988	1.10988	0.2234493	1.4163	1.4163	0.218831	0.7097	0.7097	0.0709173	0.68182	-1.46666	0.570938	1.17299	1.17299		0.767854	1.08597	1.08597	0.0863795	0.69524	1.69524	0.0178754	0.14725	1.4725	0.15307	0.766249	-1.30506	1.53332	1.88537	1.09288	1
cg16280705	TSJP;TSJP	0.279049	0.0	1.75467	1.75467	0.0	0.0	0.612025	1.45123	1.41523	2.7	0	0.55981	1.49348	1.49348				0.709837	0.776365	1.58206	0.664586	0.67586	-1.4796	0.859649	1.12704	1.1274	0.0348408	0.157806	-6.33691	1.74217	0.76827	1
cg05063328	MSRA;MSRA;MSRA	0.279057	0.689944	0.805496	-1.24147	0.6243357	3.09923	3.09923	0.239923	1.94204	1.94204	0.362155	1.65736	1.65736	0.260051	0.530627	-1.88456		0.499008	0.690608	-1.448	0.622069	0.764909	-1.30735	0.114104	2.52719	2.52719	0.472524	1.4831	1.4831	1.53329	7.0654	4.09601	1
cg23837697	CCDC102B;TMX3	0.279066	0.0959915	0.57753	-1.73145	1.32443	1.32443	0.74163	1.08933	1.08933	0.448732	1.08933	1.08933	0.448732	1.08933	1.08933	0.448732	1.08933	0.8517774	1.04956	1.04956	0.791813	1.07081	1.07081	0.299916	1.32025	1.32025	0.0857653	1.63409	1.32025	1.53328	1.62444	0.941562	1
cg06127746	LOC552276	0.279063	0.471595	0.67059	-1.49122	0.823336	1.12278	1.12978	0.216601	0.491885	-2.033	0.175254	0.455375	-2.19599	0.0249312	0.233111	-4.2898		0.39542	0.62192	-1.60792	0.0831965	0.35112	-2.84803	0.643672	0.775545	-1.28942	0.230449	0.503318	-1.98682	1.53327	1.72318	4.19216	1
cg09074828	ANKFY1	0.279063	0.803009	0.879479	-1.13708	0.4127304	0.710548	-1.40788	0.320807	0.4564855	0.16721	-6.00281	0.2570474	0.311693	0.0	0.1865444	-5.87353		0.6536779	0.994334	-1.00567	0.964538	0.923309	-1.08345	0.0822	0.0822	1.92	0.0822	0.0822	0.0822	1.53327	1.92	2.64	1.52	1
cg23969342	C15orf59	0.279067	0.739	1.2512	1.2512	0.825948	3.862771	-1.15906	0.621832	1.39546	1.39546	0.033136	0.188353	-5.30919	0.254742	0.450682	2.21886		0.3475509	0.522936	-1.91228	0.0954542	0.292988	-3.41309	0.475671	0.62601	1.62601	0.36225	0.533854	-1.87317	1.53324	10.9079	6.32377	1
cg27467275	ADARB2	0.279072	0.0890357	0.559735	-1.6786	0.996032	0.998627	-1.00137	0.561396	1.17607	1.17607	0.875044	0.957468	-1.04442	0.0206889	0.463227	-2.15854		0.31614	0.750189	-1.3314	0.41629	0.79497	-1.25791	0.690877	1.11672	1.11672	0.670349	0.888468	-1.12553	1.53324	1.85221	1.07381	1
cg21968169	LOC138799;SETD1B	0.279074	0.0962534	0.360466	-2.77435	0.1959	0.107287	-9.32287	0.0213819	0.2621665	0.16858	-5.93268	0.126188	0.78748	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-pvalue(1047 vs. N))	p-value(105T vs. N)	Fold-Change(1-pvalue(105T vs. N))	p-value(111T vs. N)	Ratio(111T vs. N)	p-value(112T vs. N)	Fold-Change(1-pvalue(112T vs. N))	p-value(121T vs. N)	Fold-Change(1-pvalue(121T vs. N))	p-value(1347 vs. N)	Fold-Change(1-pvalue(1347 vs. N))	p-value(1477 vs. N)	Fold-Change(1-pvalue(1477 vs. N))	p-value(3537 vs. N)	Fold-Change(1-pvalue(3537 vs. N))	p-value(5377 vs. N)	Fold-Change(1-pvalue(5377 vs. N))	p-value(5637 vs. N)	Fold-Change(1-pvalue(5637 vs. N))	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14857851	ZFYVE20	0.279283	0.117896	0.516463	-1.93625	0.88472	1.07929	1.07929	0.400091	0.715636	-1.39736	0.662641	0.842969	-1.18628	0.226306	1.63949	1.63949	0.634005	1.829739	-1.2052	0.038992	1.52479	1.52479	0.821067	0.915562	-1.09216	0.616216	0.821476	1.217352	1.53255	3.6755	2.13182	1
cg00248717	CHRNA4	0.279285	0.106631	0.4090114	-2.44491	0.138184	2.24799	2.24799	0.18439	0.20431	2.0431	0.841353	1.10705	1.107705	0.297501	0.578069	-1.7299	0.781818	0.86859	-1.15129	0.230672	0.528302	-1.89286	0.737998	1.18573	1.18573	0.279642	0.565329	-1.76888	1.53254	6.25021	3.62519	1
cg22565594	RPS6KA2	0.279286	0.315185	0.74193	-1.34784	0.143175	0.636218	-1.57179	0.0935621	0.588565	-1.66905	0.827073	0.939055	-1.0649	0.037649	0.500054	-1.99978	0.389507	0.776119	-1.28846	0.545832	1.19207	1.19207	0.551856	1.18887	1.18887	0.606337	0.861226	-1.16113	1.53253	2.00501	1.16293	1
cg23331433	HLA-DPA1	0.279288	0.585482	0.641328	-1.55926	0.577936	0.615071	-1.57451	0.106875	0.241751	-4.13649	0.838566	0.848287	-1.17885	0.048696	0.162674	-6.14726	0.898417	0.902111	-1.10851	0.190016	0.328426	-3.06348	0.046409	0.139408	-6.29309	0.208749	0.343413	-2.91594	1.53253	15.7909	9.15896	1
cg05233629	SF3B14	0.279293	0.154913	0.781668	-1.27931	0.731585	1.06147	1.06147	0.0938644	1.34729	1.34729	0.380755	1.15659	1.15659	0.143445	0.880777	-1.13536	0.715805	0.942552	-1.06095	0.119451	0.760788	-1.31443	0.34559	0.854551	-1.17021	0.322765	0.847666	-1.17971	1.53251	0.635495	0.368601	1
cg05688020	CDLA42	0.279293	0.390564	0.785062	-1.36043	0.123746	1.79186	1.79186	0.16949	1.66869	1.66869	0.634425	0.845095	-1.18246	0.676562	0.863486	-1.1581	0.257049	0.665097	-1.51264	0.732802	1.12738	1.12738	0.174939	0.6036552	-1.65658	0.185097	1.63511	1.63511	1.53251	2.97099	1.73324	1
cg23647784	KIAA1217 EEF1D;EEF1D;TIGDS;EEF1D;EEF1D;EEF1	0.279295	0.110391	0.273279	-3.65927	0.891152	0.902945	-1.10749	0.4925	0.594666	-1.68162	0.577573	0.657366	-1.52122	0.0148881	0.107184	-9.32972	0.162354	0.328809	-3.04128	0.3652	0.4997	-2.0012	0.529472	0.621887	-1.60801	0.28191	0.434391	-2.30207	1.5325	13.4945	7.82714	1
cg14292823	D;EEF1D	0.279301	0.516804	0.734551	-1.36137	0.52923	1.34873	1.34873	0.231166	1.80305	1.80305	0.837035	0.889508	-1.12422	0.10992	0.441389	-2.26558	0.857351	1.08811	1.08811	0.167867	0.501648	-1.99343	0.0498347	0.349948	-2.85757	0.672665	0.819183	-1.22073	1.53248	5.34646	3.10112	1
cg04239125	RSR1	0.279304	0.962989	0.978572	-1.0219	0.830234	1.10542	1.10542	0.671112	1.22065	1.22065	0.049729	0.351716	-2.84321	0.358192	1.55437	1.55437	0.047524	0.347123	-2.88083	0.415322	1.44998	1.44998	0.74879	0.860721	-1.16182	0.77779	0.876279	-1.14119	1.53248	5.289	3.0678	1
cg06631794	SCP2;SCP2;SCP2;SCP2	0.279306	0.341835	1.225641	-1.36444	0.259721	1.34144	1.34144	0.0938338	1.871126	1.871126	0.14794	0.388807	2.570537	0.24644	0.2563921	4.0574	0.21653	1.31126	1.31126	0.185799	0.5385	1.86479	0.965919	1.08261	1.08261	1.02981	1.03011	0.226891	1.30262	1.53247	1.05392	0.613312	1
cg06223806	GPR101	0.279309	0.09109288	0.219495	-4.55591	0.405485	2.00496	2.00496	0.449447	1.8775	1.8775	0.159555	3.71821	3.71821	0.297774	2.41621	2.41621	0.149209	0.282484	-3.54003	0.582866	0.63972	-1.56318	0.525485	1.69189	1.69189	0.780892	0.796198	-1.25597	1.53246	16.2134	9.40442	1
cg09872325	PURA	0.279311	0.856274	1.04096	1.04096	0.298576	1.26483	1.26483	0.182824	1.2515	1.2515	0.211292	0.749991	-1.33195	0.962533	0.988741	-1.01036	0.81984	1.05162	1.05162	0.122771	0.937773	-1.44548	0.915905	0.618222	-1.61754	0.918327	0.824828	-1.21237	1.53245	1.1695	0.678562	1
cg13452258	EPHA10	0.279316	0.89282	0.913256	-1.09498	0.676472	0.753919	-1.3264	0.8802511	1.1068	1.1068	0.741641	0.800364	-1.24943	0.854424	1.13159	1.13159	0.0100843	0.112437	-8.89386	0.424026	1.73254	1.73254	0.855209	0.884307	-1.13083	0.526062	0.541021	1.54101	1.53244	10.9962	6.37834	1
cg21624165	GRM6	0.279323	0.752883	1.24659	1.24659	0.089325	0.270783	-3.69299	0.344383	0.506781	-1.97324	0.663731	1.357	1.357	0.0732514	0.248068	-4.03116	0.40001	1.82434	1.82434	0.36354	1.91876	1.91876	0.619933	1.4174	1.4174	0.23098	0.416085	2.40336	1.53241	11.8194	6.85594	1
cg19572947	DHX9;DHX9	0.279325	0.459804	1.10983	1.10983	0.823237	1.03054	1.03054	0.339437	1.14606	1.14606	0.916222	0.988349	1.14025	0.991729	1.14025	-1.00156	0.748947	1.04546	1.04546	0.846897	0.974108	-1.02658	0.211671	0.833452	-1.19983	0.0581067	1.34521	1.34521	1.53241	0.645288	0.269896	1
cg01540301	BRD2;BRD2	0.279337	0.118492	0.806746	-1.23955	0.865386	0.97873	-1.02173	0.786094	0.9666	-1.03455	0.313105	1.14134	1.14134	0.311117	1.14201	1.14201	0.060591	1.30746	1.30746	0.615711	0.937886	-1.06623	0.179916	1.19777	1.19777	0.723468	0.955982	-1.04604	1.53237	0.389663	0.226034	1
cg14391419	TNNT1	0.279348	0.285119	0.39295	-2.54435	0.0183318	0.08963491	-11.1746	0.2514411	0.3640821	-2.74664	0.968558	0.103791	1.015791	0.342245	0.438191	-2.28211	0.160649	0.28263	-3.53819	0.271423	0.380833	-2.62582	0.692716	1.3978	1.3978	0.994201	1.00615	1.00615	1.53233	17.2545	10.0092	1
cg26257814	FLJ26850	0.279352	0.3983888	1.52772	1.52772	0.121384	2.27755	2.27755	0.462999	1.44216	1.44216	0.108656	2.34953	2.34953	0.784405	1.1438	1.1438	0.262663	0.564176	-1.7725	0.467093	0.71345	1.40239	0.313125	0.993119	0.653119	-1.53535	0.0777253	0.24603	1.53227	5.82867	3.38176	1
cg16411949	NR1H3;NR1H3;NR1H3	0.279354	0.299016	0.766487	-1.30465	0.104155	0.644723	-1.55105	0.376604	0.799183	-1.25128	0.727354	0.917157	-1.09033	0.258684	0.747397	-1.33798	0.529334	1.17051	1.17051	0.0665276	1.66254	1.66254	0.502319	0.845176	-1.18319	0.357015	0.79133	-1.2637	1.53231	1.48132	0.859311	1
cg22670340	CCNYL1;CCNYL1	0.279357	0.576843	0.9108	1.09794	0.0130273	1.5164	1.5164	0.561446	0.90727	-1.10221	0.0701775	1.38805	1.38805	0.873729	1.02681	1.02681	0.996004	1.00083	1.00083	0.757502	1.05267	1.05267	0.0802313	1.03916	1.03916	0.205648	1.24769	1.24769	0.666648	0.386723	1
cg07007986	SERPINA13	0.279362	0.0403179	0.606947	-1.64759	0.465176	0.854976	-1.16962	0.637316	0.9144444	-1.09356	0.319579	0.805079	-1.24211	0.434289	0.845209	-1.18314	0.912524	0.977102	-1.02343	0.151289	1.38283	1.38283	0.906647	1.02504	1.02504	0.115377	0.697103	-1.43451	1.53228	1.07833	0.625546	1
cg25760338	GSTA4;GSTA4	0.279369	0.9345	0.987608	-1.01255	0.330048	0.858576	-1.16472	0.899737	1.01889	1.01889	0.0963061	0.75804	-1.31915	0.94826	1.00284	1.00284	0.602042	0.923907	-1.08236	0.346576	1.15765	1.15765	0.282373	0.836151	-1.19596	0.0858563	1.39384	1.39384	1.53226	0.558479	0.323983	1
cg01935747	TCF21;TCF21	0.279378	0.41914	0.717009	-1.39468	0.223998	1.67328	1.67328	0.110775	2.0142	2.0142	0.535466	1.28774	1.28774	0.380064	0.695685	1.43743	0.867565	0.934957	-1.06957	0.838356	0.920983	-1.0858	0.141042	1.89261	1.89261	0.0727045	2.24088	2.24088	1.53223	3.94091	2.28623	1
cg04166544	DNER	0.279385	0.466316	0.697175	-1.43436	0.505809	1.3889	1.3889	0.15873	2.08134	2.08134	0.769698	1.15356	1.15356	0.328958	0.612471	-1.63273	0.217451	0.531864	-1.88018	0.0946614	0.408826	-2.44603	0.0992678	0.473952	-2.10954	0.270926	0.415095	-2.40909	0.762382	0.873952	-1.14423	1.53221	5.7455	3.33317	1
cg08658287	TRPA7	0.279389	0.7947717	1.03549	1.03549	0.724039	0.845647	-1.18284	0.9256	1.08048	1.08048	0.39162	0.840057	1.190477	0.978249	1.022225	1.022225	0.600533	0.899497	-1.11206	0.39315	1.2531	1.2531	0.104489	1.20148	1.20148	0.0407283	1.37156	1.37156	1.53221	0.434024	0.251795	1
cg03108344	RAET1K	0.279392	0.329853	0.683514	-1.46303	0.931882	0.968167	-1.03288	0.622878	0.828974	-1.20631	0.0708562	0.465025	-2.14627	0.191176	0.592327	-1.68826	0.19944	0.59869	-1.67031	0.0231793	0.358033	-2.79304	0.668376	0.84962	-1.177	0.986799	1.00628	1.00628	1.53219	3.47471	2.01584	1
cg14479094	SLC2A8	0.279394	0.663147	1.13062	1.13062	0.0119937	1.7706	1.7706	0.154418	1.05099	1.05099	0.855693	1.58425	1.58425	0.119674	1.10866	1.10866	0.902802	1.08288	1.08288	0.586557	1.43031	1.43031	0.0425603	1.47434	1.47434	0.0275328	1.79474	1.79474	1.53216	10.3077	5.97998	1
cg27647661	UIP1	0.279395	0.33474	0.616506	-1.62204	0.127731	0.431956	-2.31505	0.860671	0.918127	-1.08917	0.457649	0.328431	-3.04478	0.651616	1.124732	1.24732	0.851278	0.912783	-1.09555	0.156817	2.08818	2.08818	0.593098	1.29985	1.29985	0.660337	0.805532	-1.23988	1.53218	5.73654	3.32805	1
cg24024424	PCDHGB4;PCDHGA12;PCDHGA11;PCD HGA11;PCDHGA9;PCDHGA8;PCDHGB1; PCDHGB6;PCDHGC3;PCDHGB3;PCDH	0.2794	0.383079	0.654732	-1.52734	0.2009304	0.268285	-3.72738	0.6968811	0.83077	-1.2037	0.731114	1.17594	1.17594	0.124123	0.454546	-2.2	0.428192	0.68181	-1.46668	0.160007	0.491234	-2.03569	0.216688	0.540357	-1.85063	0.995518	0.997344	-1.002666	1.53216	5.44064	3.15641	1
cg14638726	C9orf170	0.279414	0.0475218	0.488892	-2.04544	0.517253	0.812783	-1.23034	0.889895	0.957211	-1.0447	0.228891	0.671216	-1.48983	0.0346728	0.459568	-2.17596	0.601628	1.18093	1.18093	0.910507	1.03614	1.03614	0.49448	0.803293	-1.24488	0.310977	0.718236	-1.3923	1.53213	2.41872	1.40326	1
cg00691598	ARHGEF10	0.279413	0.920949	1.04212	1.04212	0.2321107	2.83886	2.83886	0.690791	1.18079	1.18079	0.88259	1.06335	1.06335	0.163254	0.538749	-1.85615	0.184658	1.44818	1.44818	0.099992	2.11518	2.11518	0.559685	1.27783	1.27783	0.812954	1.10354	1.10354	1.53212	4.19194	2.43204	1
cg02972640	ADAM32	0.279414	0.6566627	1.10894	1.10894	0.724039	0.845647	-1.18284	0.9256	1.08048	1.08048	0.39162	0.840057	1.190477	0.978249	1.022225	1.022225	0.600533	0.899497	-1.11206	0.39315	1.2531	1.2531	0.104489	1.20148	1.20148	0.0407283	1.37156	1.37156	1.53211	0.434024	0.251795	1
cg01935747	TCF21;TCF21	0.279378	0.41914	0.717009	-1.39468	0.223998	1.67328	1.67328	0.110775	2.0142	2.0142	0.535466	1.28774	1.28774	0.380064	0.695685	1.43743	0.867565	0.934957	-1.06957	0.838356	0.920983	-1.0858	0.141042	1.89261	1.89261	0.0727045	2.24088	2.24088	1.53223	3.94091	2.28623	1
cg04166544	DNER	0.279385	0.466316	0.697175	-1.43436	0.505809	1.3889	1.3889	0.15873	2.08134	2.08134	0.769698	1.15356	1.15356	0.328958	0.612471	-1.63273	0.217451	0.531864	-1.88018	0.0946614	0.408826	-2.44603	0.0992678	0.473952	-2.10954	0.270926	0.415095	-2.40909	0.762382	0.873952	-1.14423	0.53221	5.7455	3.33317	1
cg08658287	TRPA7	0.279389	0.7947717	1.03549	1.03549	0.724039	0.845647	-1.18284	0.9256	1.08048	1.08048	0.39162	0.840057	1.190477	0.978249	1.022225	1.022225	0.600533	0.899497	-1.11206	0.39315	1.2531	1.2531	0.104489	1.20148	1.20148	0.0407283	1.37156	1.37156	1.53211	0.434024	0.251795	1
cg08583936	ARHGEF16	0.279453	0.321361	0.619433	-1.61438	0.0329522	0.311605	-3.20919	0.101865	0.432959	-2.30969	0.327131	0.623189	-1.60465	0.760844	0.867003	-1.1534	0.300842	0.605824	-1.65064	0.286889	0.596324	-1.67694	0.054307	0.360282	-2.7756	0.630052	0.797019	-1.25468	1.53199	5.30251	3.07662	1
cg08181850	XYLT1	0.279454	0.601425	1.16222	1.16222	0.496895	1.21745	1.21745	0.814322	0.935095	-1.06941	0.644256	0.857787	-1.14183	0.754539	0.91955	1.09355	0.320037	1.34031	1.34031	0.0372938	0.50183	-1.99271	0.0846014	1.72273	1.72273	0.796947	0.929091	-1.07632	1.53198	1.97417	1.14546	1
cg01177100	SRGAP3;SRGAP3	0.279455	0.775316	1.122129	1.122129	0.0158164	2.583443	2.583443	0.178007	1.70945	1.70945	0.594582	2.94538	2.94538	0.0554447	1.780527	1.780527	0.34912	1.36511	1.36511	0.508527	1.24085	1.24085	0.366602	1.05552	1.05552	0.757955	1.90543	1.90543	1.53198	2.56203	1.45417	1
cg21326301	CCDC39	0.279455	0.825738	1.04834	1.04834	0.963433	1.00986	1.00986	0.222301	0.759872	-1.31601	0.64852	1.10324	1.10324	0.114136	0.692149	-1.44478	0.626307	0.900268	-1.11078	0.360949	0.817855	-1.22271	0.0423123	1.64992	1.64992	0.623029	1.11225	1.11225	1.53198	1.1122	0.645324	1
cg00225830	SHISA9	0.279455	0.580256	1.274761	1.274761	0.0458312	2.70417	2.70417	0.208351	1.6628	1.6628	0.964654	1.980611	-1.01977	0.922144	1.153267	1.153267	0.202906	1.71946	1.79346	0.296045	1.60044	1.60044	0.314907	1.42917	-1.03176	0.999934	1.00004	1.00004	1.53198	0.58822	2.66871	1
cg17830167	PQDD2	0.279457	0.760381	0.929109	-1.0763	0.176637	0.690548	-1.44813	0.305665	0.760772	-1.31445	0.744451	0.91914	-1.08797	0.0380449	0.537998	1.85874	0.171543	0.45534	-2.19611	0.0455334	0.562878	1.1338	1.1338	0.394688	0.798733	-1.25198	0.323667	0.768829	-1.30068	1.53197	1.61236	0.935532	1
cg15825065	LRKS	0.279462	0.132424	0.518706	-1.92757	0.3856	0.698016	-1.43163	0.670936	0.188555	1.18855	0.663787	0.188499	1.18899	0.133826	0.520208	-1.92231	0.223197	0.596261	-1.67723	0.209854	0.203468	0.4939	-2.02483	0.423208	-2.3629	0.948536	0.677002	-1.4771	1.53195	3.96366	2.29984	1
cg19914495	HOXD9	0.279462	0.07873222	0.3472	0.3472	0.738935	1.49224	1.49224	0.676355	1.65216	1.65216	0.763629	1.43923	1.43923	0.993402	0.990152	-1.00995	0.601598	0.532355	-1.87845	0.0295021	0.415	0.415	0.0957909	0.83047	0.83047	0.539164	2.10449	2.10449	1.53195	34.7516	20.164	1
cg14554618	NAIF1;SLC25A25 AKAP2;PALM2-AKAP2;PALM2-	0.279463	0.964942	0.993019	-1.00703	0.786852	1.04416	1.04416	0.200012	0.804428	-1.24312	0.426191	1.13874	1.13874	0.255431	1.20986	1.20986	0.394164	1.14985	1.14985	0.0711134	1.38675	1.38675	0.16561	0.788156	-1.26878	0.424546	0.877733	-1.1393	1.581	0.622796	0.306386	1
cg14170787	AKAP2;AKAP2	0.279472	0.06633	0.479458	-2.08569	0.865645	1.06231	1.06231	0.767563	0.899608	-1.1116	0.50044	0.783388	-1.27651	0.201676	0.618008	-1.6181	0.252861	0.652923	-1.53157	0.477817	0.772902	-1.29383	0.252741	1.53175	1.53175	0.0626484	0.473415	-2.11231	1.53192	3.09125	1.79368	1
cg13881485	GADD45G	0.279474	0.992740	0.997718	-1.00229	0.292954	0.760215	-1.31559	0.458019	1.20924	1.20924	0.378583	0.796629	-1.25529	0.0089851	0.571534	-1.74966	0.108878	1.55209	1.55209	0.326577	0.775199	-1.28999	0.0438808	1.14923	1.14923	0.791134	0.959446	-1.06901	1.53192	1.53352	0.889822	1
cg16164460	UBQLN2;UBQLN2	0.279476	0.1154984	0.5095325	-1.96316	0.112292	0.09363122	-10.6824	0.802438	1.40978	1.40978	0.312364	0.437346	2.287046	0.0560639	0.576839	-1.73457	0.155051	0.124546	-8.0321	0.0944176	0.270021	0.4907	-2.03842	0.1886604	0.74025	-1.35135	0.520547	2.44054	2.44054	1.53191	0.553444	0.24213	1
cg03461781	RAGE	0.279486	0.0499785	0.175281	-5.70512	0.031747	0.140695	-7.10756	0.327879	0.455318	-2.19627	0.596788	0.659739	-1.51575	0.283636	0.419886	-2.3816	0.488114	0.577693	-1.73102	0.148782	0.299293	-3.34121	0.275046	0.412853	-2.42117	0.208011	0.355531	-2.8127	1.53188	14.7236	8.54353	1
cg24704593	MAIC1	0.279487	0.9174697	1.0355	1.0355	0.7573153	1.19253	1.19253	0.0422546	1.14498	1.14498	-2.1979	0.4449308	2.248737	0.0422546	1.130617	1.130617	0.3015	0.972442	-1.0341	0.0313665	0.7243	0.7243	0.0851193	1.0647	1.0647	0.0223001	1.64987	1.64987	1.53175	0.31837	0.24882	0.59504	1
cg26991812	NUFIP2;NUFIP2	0.279488	0.832112	0.976976	-1.02357	0.648433	0.05166	1.05166	0.241367	0.874098	-1.14404	0.203026	0.86291	-1.15887	0.446777	1.08881	1.08881	0.91715	0.98648	-1.01148	0.188963	0.858386	-1.16498	0.04109	1.29513	1.29513	0.869659	0.982142	-1.01818	0.53187	0.209078	0.169488	1
cg20064366	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.279490	0.367006	0.724268	-1.37952	0.0752983	0.541794	1.84626	0.0109405	0.11262	1.11262	0.418619	1.99077	1.99077	0.214272	0.725799	1.37779	0.392164	0.24695	-4.04821	0.0196453	0.441221	0.441221	0.0159905	1.76564	1.76564	0.514018	1.77805	1.77805	1.53186	4.24387	2.39266	1
cg13593287	SPTB;SPTB	0.279495	0.100385	0.455758	-2.19415	0.0707869	0.414206	-2.41426	0.0414217	0.358154	-2.7921	0.368339	0.668051	-1.49689	0.356406	0.669024	1.51303	0.335314	0.648068	-1.54305	0.369147	0.66853	-1.49582	0.0945554	0.448317	-2.23057	0.3994	0.686172	-1.45736	1.53185	1.62402	2.68319	1
cg19851560	SMYD1	0.279499	0.293943	0.583734	-1.8562	0.050084	0.325808	-3.06929	0.110589	0.417788	-2.39356	0.683781	1.22822	1.22822	0.251019	1.61904	1.61904	0.5345	1.37133	1.37133	0.545437	1.35957	1.35957	0.535625	1.37011	1.37011	0.662138	0.801944	-1.24697	1.53184	6.11349	3.54752	1
cg26695010	EFEMP2	0.279501	0.8614484	1.12624	1.12624	0.137352	1.49677	1.49677	0.0772219	1.34729	1.34729	0.380755	1.15659	1.15659	0.143445	0.880777	-1.13536	0.715805	0.942552	-1.06095	0.119451	0.760788	-1.31443	0.34559	0.854551	-1.17021	0.322765	0.847666	-1.17971	1.53183	0.635495	0.368601	1
cg01934788	DAB2IP	0.279501	0.063568	0.34066	0.34066	0.620488	1.30488	1.30488	0.112336	2.51343	2.51343	0.363943	1.63482	1.63482	0.175807	2.15424	2.15424	0.175182	0.215693	2.15693	0.0781908	2.83844	2.83844	0.0822688	2.79072	2.79072	0.470953	1.47845	1.47845	1.53168	6.89576	4.00155	1
cg15667655	OSTF1	0.279503	0.631081	0.804063	-1.24337	0.19658	0.987486	0.994213	-1.00582	0.322485	3.10078	0.0152259	0.744264	1.34303	0.0551954	1.225537	-1.14903	0.615954	0.812564	-1.23057	0.153828	0.704067	1.42034	0.0396578	0.470907	2.12357	0.0196529	0.447556	2.23512	0.0497107	0.707827	1.41378	0.332442	0.192799	1
cg26521784	USP21;USP21 RNF133;CADPS2;RNF133;CADPS2;CADP	0.279515	0.511173	0.824924	-1.22123	0.0893731	1.71766	1.71766	0.0975129	1.69067	1.69067	0.824071	0.937718	-1.06642	0.535577	0.834275	-1.19865	0.418751	0.6689	-1.49507	0.284076	0.579078	-1.72688	0.676184	0.885755	-1.12898	0.690745	1.12243	1.12243	1.53178	0.202358	0.17428	1
cg08586398	S2	0.279521	0.488414	0.610276	-1.6386	0.194078	0.381375	-2.62209	0.941389	0.949717	-1.05295	0.130471	0.31794	-3.14525	0.0377026	0.184298	-5.42599	0.101698	0.284476	-3.51523	0.143147	0.331538	-3.01625	0.293293	0.465383	-2.14877	0.182413	0.370516	-2.69894	1.53176	11.9424	6.93022	1
cg07064331	C16orf86;C16orf48	0.279524	0.782404	0.786203	-1.27194	0.214846	3.3175	3.3175	0.147078	4.31384	4.31384	0.131745	0.407137	-2.45618	0.920975	1.08981	1.08981	0.090315	0.16361	-6.11208	?	?	?	0.934497	0.931242	-1.07384	0.332827	0.413037	-2.42109	0.900193	17.5015	4.60099	1
cg02382532	C6orf132	0.279525	0.1154121	0.546473	-1.83094	0.301919	0.4009	-2.49453	0.0761999	0.8488	-1.17837	0.529468	0.364884	-2.74126	0.0652241	0.546878	-1.82878	0.944549	1.03833	1.03833	0.842751	0.463068	-2.15951	0.0728044	0.74658	-1.33904	0.0788353	0.763522	-0.3063	1.53173	0.39356	2.27459	1
cg03532554	ACTR5	0.279531	0.748486	0.940344	-1.06344	0.6094876	1.47436	1.47436	0.380854	1.18751	1.18751	0.579809	0.898611	-1.11283	0.162345	1.13006	1.13006	0.779816	0.947825	-1.05505	0.0816119	1.44632	1.44632	0.894705	1.02564	1.02564	0.109991	1.39527	1.39527	1.53173	0.8868859	0.51466	1
cg06358191	SYNM;SCN9A1D	0.279542	0.826347	0.890216	-1.12332	0.2979993	0.933101	0.933101	0.113764	2.53111	2.53111	0.84649	1.10938	1.10938	0.913005	0.954454	-1.04772	0.29946	1.77832	1.77832	0.591045	0.748371	1.33709	0.26694	0.53826	-1.85784	0.934643	1.0449	1.0449	1.53169	6.95783	4.03785	1
cg

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Probeset ID	UCSC_REFGENE_NAME PARVG|PARVG;PARVG|PARVG;PARVG|PARVG;PARVG|P	p-value(Test)	Fold-Change(1 vs. 2)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(105 vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(111 vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(112 vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(121 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(347 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. 477 vs. N)	p-value(353 vs. N)	Fold-Change(3 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. 537 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg19653345	ARVG		0.279738	0.263242	1.4867	1.4867	0.76665	1.10648	1.10648	0.127995	0.571509	-1.74975	0.471011	0.779333	-1.28315	0.20301	1.57919	1.57919										
cg01520571	LHX1		0.279748	0.608908	0.685291	-1.45923	0.671349	1.36692	1.36692	0.990344	0.991177	-1.0089	0.04655	0.30869	5.30869	0.849331	0.869984	-1.14945										
cg12581821	FAM5C		0.279752	0.826969	1.02888	1.02888	0.0382356	1.3666	1.3666	0.902007	0.984109	-1.01615	0.873871	0.979553	1.02598	0.647004	1.2955	1.2955										
cg17672262	RASA3		0.279758	0.289461	0.356744	-2.80313	0.798507	1.271	1.271	0.153812	0.238973	-1.41858	0.750734	0.741734	-1.34819	0.901828	1.12264	1.12264										
cg14508417	PIK3CD;PIK3D		0.279758	0.341835	1.55918	1.55918	0.1122209	0.4564461	-2.06084	0.332761	0.636449	-1.5732	0.770427	1.14191	1.14191	0.150032	0.496601	-2.01333										
cg27013983	FCHO1;FCHO1;FCHO1;FCHO1		0.279763	0.534071	0.893452	-1.11925	0.369622	1.1792	1.1792	0.731146	0.94016	-1.06365	0.792992	0.940577	-1.06318	0.931495	1.0155	1.0155										
cg05090392	DNAJB6		0.279772	0.265866	0.614348	-1.62774	0.540031	1.29782	1.29782	0.305456	0.640231	-1.56194	0.137532	0.510657	-1.95826	0.031175	0.348251	-2.87149										
cg00448883	EIF1DP3		0.279775	0.819395	0.837275	-1.19435	0.02846	1.74167	1.74167	0.344715	0.215721	2.12751	0.324128	0.453887	-2.20919	0.221039	0.368648	2.71262										
cg16901361	OXR1		0.27978	0.979784	1.00932	1.00932	0.456801	0.757724	-1.31974	0.866438	1.06356	1.06356	?	?	?	0.352058	1.41992	1.41992										
cg14145947	IFIT1;IFIT1		0.279789	0.427091	0.838827	-1.19204	0.4810881	1.19895	1.19895	0.627968	0.953926	-1.0483	0.50232	0.862805	-1.15901	0.165975	0.113738	1.37738										
cg06415304	SBK1;SBK1		0.27979	0.057868	2.09940095	-10.0594	0.145222	0.98726	-0.98726	0.275269	3.26831	0.453047	0.453175	-2.20665	0.955148	0.94379	-1.05956										
cg11540956	FANCF		0.279792	0.412549	0.779402	-1.28304	0.6016518	0.85496	-1.16955	0.425324	0.7149	1.23419	0.492568	0.812751	-1.23039	0.260939	1.40777	1.40777										
cg12834480	PAPLN		0.279795	0.510984	1.21715	1.21715	0.0566466	0.529135	-1.88988	0.402758	0.781284	-1.27994	0.8512662	0.9236	1.9236	0.970858	1.01083	1.01083										
cg01814565	CBorf34		0.279802	0.796522	0.911488	-1.09711	0.918897	0.964129	-1.03721	0.163941	1.69066	1.69066	0.463521	0.765202	-1.30684	0.024935	0.384212	-2.60273										
cg13700338	CARD2		0.279807	0.022814	1.080485	5.27456	0.741796	1.21687	1.21687	0.644902	1.31737	1.31737	0.501466	0.666495	-1.50059	0.155756	0.402229	-2.48584										
cg08832799	EVSL		0.279813	0.0385392	0.464008	-2.15514	0.057171	0.501887	-1.99248	0.397473	0.757625	-1.31991	0.875685	0.951081	-1.05143	0.0956025	0.556271	-1.79768										
cg17541965	ZNF398;ZNF398;ZNF398;ZNF398		0.279815	0.354483	1.64938	1.65938	0.623163	0.768505	-1.30128	0.562628	1.36058	1.36058	0.515564	1.40063	1.40063	0.0421687	0.288031	-1.47125										
cg19317600	ACOX3;ACOX3		0.27982	0.607348	0.693815	-1.44183	0.0185175	0.133414	-7.49546	0.0942517	0.275231	-3.6599	0.651776	1.37768	1.37768	0.563505	0.671886	-1.48846	0.272742	0.447056	-2.23685	0.74449	1.25941	1.37078	1.50289	0.70023	
cg26412688	OTUD7B		0.279821	0.199938	0.756726	-1.32148	0.161925	1.35995	1.35995	0.688988	0.920514	-1.08635	0.250591	0.781024	-1.28037	0.599227	1.11511	1.11511										
cg24829707	RPS6KA2		0.279832	0.629842	0.849153	-1.17784	0.3218685	1.18743	1.18743	0.572968	0.846885	-2.14199	0.708244	0.870664	-1.14913	0.0345665	0.415671	-2.40575										
cg06655217	PSMB10		0.279833	0.141878	0.701863	-1.42478	0.810662	1.05546	-1.05546	0.967129	1.00928	1.00928	0.0270922	0.556253	-1.79774	0.258888	0.767933	-1.3022										
cg24544147	ERAS;ERAS		0.279834	0.210021	0.58563	-1.70756	0.819573	0.911579	-1.09703	0.792345	0.89109	-1.12229	0.443614	0.737629	-1.35543	0.0151949	0.228675	-4.37211										
cg12646625	CORT;APITD1		0.279841	0.875455	1.06429	1.06429	0.100408	0.489213	-2.0441	0.534611	1.2838	1.2838	0.659799	1.1924	1.1924	0.847804	1.07932	1.07932										
cg08323540	GABRP		0.279843	0.345288	0.594717	-1.68147	0.0210219	0.226713	-4.41087	0.0850182	0.361262	-2.76807	0.98068	0.987137	-1.01303	0.426083	0.647585	-1.5442										
cg16975587	LTF		0.279847	0.047508	0.338111	9.33108	0.0549353	0.147584	-6.77448	0.0442902	0.131737	7.59005	0.0231537	0.232288	-4.30504	0.186553	0.322157	-3.10478	0.131118	0.63505	1.57466	0.663036	0.64972	1.53912	0.598904	-1.00398	0.687082	1.48927	23.5479	13.5744	
cg23443387	CYP481;CYP481		0.279851	0.495253	0.554427	-1.80366	0.577541	1.61486	1.61486	0.950436	1.05437	1.05437	0.160171	0.278575	-3.5897	0.0986381	0.213848	-4.67622										
cg15703984	KIAA1530		0.279852	0.264087	0.756967	-1.32093	0.814334	1.13525	1.13525	0.657265	1.08296	1.08296	0.877552	1.08296	1.08296	0.164647	0.460633	-2.17226										
cg01314194	LASS2;LASS2		0.279853	0.629043	0.922512	-1.08399	0.102506	1.34449	1.34449	0.141269	1.29967	1.29967	0.523146	0.898336	-1.11317	0.975209	1.09485	1.00516										
cg07486601	RANBP17		0.279855	0.80946	1.10546	1.10546	0.716232	0.859401	-1.1636	0.130719	0.507952	-1.96869	0.231155	0.595192	-1.68013	?	?	?										
cg14756052	RPUP1;RPUP0		0.279862	0.123848	1.18702	1.18702	0.0888309	0.84245	-1.18683	0.0256016	0.1648	6.06941	0.266913	1.1236	1.1236	0.0464548	0.261276	3.82454	1.12811	1.12811	0.0495048	1.12811	1.12811	0.0495048	1.12811	1.12811	0.0495048				
cg08604679	KHK8		0.279865	0.708947	1.09697	1.09697	0.549997	1.15879	1.15879	0.559346	0.8644	-1.15687	0.356938	0.795485	1.03646	0.791476	-1.26436	0.296909	1.10595	1.10595										
cg13677990	TACC3		0.279869	0.748777	0.915587	-1.0922	0.251339	1.38949	1.38949	0.196925	1.02605	1.02605	0.0273737	0.636047	-1.57225	0.176908	0.921679	-1.08488										
	MCFD2;MCFD2;MCFD2;MCFD2;MCFD2																											
cg11195337	MCFD2;MCFD2		0.279870	0.730001	0.809992	-1.11112	0.988245	1.00449	-1.00449	0.221028	1.47885	1.47885	0.0146238	0.442756	-2.25858	0.362381	1.32782	1.32782										
cg00827176	NPM2		0.279877	0.128607	0.6999	-1.42859	0.0784128	0.898149	-1.1134	0.320237	0.52497	1.52497	0.779613	1.12216	1.12216	0.0364779	0.241173	2.37432										
cg18241469	C1orf50		0.279881	0.0721017	0.447124	-2.23651	0.150922	0.519453	-1.85373	0.371501	0.692160	-1.44473	0.769088	0.888663	-1.12529	0.0403346	0.386861	-2.5849										
cg22321646	LTS1		0.279884	0.541380	0.788615	-1.26801	0.5274245	0.783741	1.27591	0.977429	1.02919	1.02919	0.0409414	0.709236	1.41039	0.790306	0.870464	-1.2312	0.870464	-1.2312	0.870464	-1.2312	0.870464	-1.2312	0.870464	-1.2312	0.870464	-1.2312				
cg23240140	CAPRIN1;CAPRIN1		0.279886	0.417004	0.23969	2.03969	0.0276361	0.106693	-9.37265	0.933741	0.107407	0.74707	0.276202	0.266271	2.64677	0.223766	1.35718	1.35718										
cg12201380	NSMCE4A;NSMCE4A		0.279889	0.519606	0.832338	-1.20144	0.0732745	0.570345	-1.75333	0.362131	0.768485	-1.30126	0.513793	1.2046	1.2046	0.511549	0.8293	-1.20584										
cg26036738	TBP1		0.279893	0.645447	?	?	?	0.202027	0.10521	1.4782	1.4782	0.0926016	0.4239	0.611084	1.63394	0.250657	0.411084	-2.43293	0.108147	1.2312	-1.2312	0.108147	1.17782	1.17782	0.427013	1.10142	1.10142	0.506355	1		
cg22668744	ASAH2B		0.279894	?	?	?	?	0.202997	0.662302	-1.50988	0.36276	1.3323	1.3323	0.179714	0.646041	-1.54789	0.537419	0.825632	-1.21119	0.791299	1.81787	1.81787	0.42945	1.82016	-1.82016	0.42945	1.82016	-1.82016	0.42945	1.82016	-1.82016	0.42945	1.82016	-1.82016
cg03282039	KIAA1688		0.279896	0.574407	1.26407	1.26407	0.1403	0.488153	-2.04837	0.318433	0.644402	1.55237	0.233288	0.40504	-2.46953	0.180553	0.252157	-3.96702	0.0511318	0.63505	1.57466	0.663036	0.64972	1.53912	0.598904	-1.00398	0.687082	1.48927	23.5479	13.5744	
cg04972957	PYP2B5E		0.279897	0.0378299	0.576464	-1.73471	0.3727273	0.811162	-1.2328	0.0864534	0.648442	-1.54216	0.110164	0.688742	-1.45192	0.356501	0.804999	-1.24224										
cg19262182	MAP3K4;MAP3K4		0.279907	0.132359	1.34147	1.34147	0.489921	0.681825	-1.46786	0.199366	0.790652	-1.2553	0.188454	0.794884	-1.25816	0.670393	0.672191	0.910129	-1.09874	0.794671	1.07817	1.07817	0.45945	1.34605	0.6948829	1.50206	1.66206	0.543349	1.86	0.689161	
cg04265971	RNF4		0.279937	0.0995892	0.7269339	-1.37561	0.08673	0.100029	0.83019	0.0410087	0.350763	-2.85092	0.0892652	0.110455	-9.05295	0.0398465	0.206336	0.951292	0.989381	-1.11311	0.717251	1.0621	0.270143	0.0170413	1.39854	1.39854	1.53067	0.6654118	0.386421	
cg24414182	MYADM;MYADM;MYADM		0.279938	0.413381	1.30511	1.30511	0.823882	1.07356	1.07356	0.0405449	2.12376	2.12376	0.557865	0.828014	-1.20771	0.68031	1.14104	1.14104	0.466962	0.781272	-1.27996	0.764496	1.1004	1.1004	0.145055	1.646	1.646	0.173023	0.630193	-1.58681	0.10649	2.458	1.42757	
cg23693781	C1orf38;C1orf38;C1orf38		0.279952	0.277195	0.655331	-1.52592	0.0435338	0.164648	-6.07341	0.0256014	0.0974563	-10.2636	0.0596641	0.126636	-7.89013	0.0148408	0.0486886	-20.5444	0.0270866	0.455453	2.19561	0.0364873	0.507861	1.96981	0.132419	1.02219	0.0640873	0.459295	2.17725	0.134515	1.389	0.96834	
cg20410673	HAUS1;ATP5A1;HAUS1;HAUS1		0.279922	0.209119	0.657811	-1.52019	0.345721	1.45929	1.45929	0.710607	1.1561	1.1561	0.241483	0.620532	-1.61152	0.104217	0.50092	1.99633	0.103257	1.49978	-1.0088	0.0658334	0.644783	-2.23268	0.666598	0.84477	-1.18375	0.781908	0.897622	-1.11406	1.53045	0.367156	2.13245	1
cg12712908	NUDT18		0.279923	0.307637	1.19135	1.19135	0.0360016	0.47615	-2.09944	0.474551	0.916429	1.88977	0.148977	0.429985	1.64794	0.164794	0.138942	0.575782	-2.66112	0.555123	0.89744	-1.11429	0.543454	1.45856	0.644166	0.751408	-1.33084	0.803687	1.16538	1.16538	0.19245	9.15278	5.31987	
cg23522832	LOC400752		0.279926	0.340316	0.891032	-1.12229	0.0691668	0.72653	-1.37663	0.260963	0.666403	1.50063	0.188744	0.188744	5.29359	0.926175	0.879711	1.13587	0.127516	1.12716	1.12716	0.127516	0.515961	1.93884	0.251641	1.22041	0.612552	1.06179	1.53043	0.134113	0.134056	1	
cg07383722	ELL2		0.279926	0.230989	1.75968	1.75968	0.959686	1.02343	-1.02343	0.887468	0.937174	-1.06704	0.263618	1.7058	1.7058	0.541065	1.32783	1.32783	0.13648	2.08587	2.08587	0.0364042	0.34086	-2.93446	0.0654603	2.57932	2.57932	0.25928	1.71485	1.71485	0.53043	5.09032	2.9565	1
cg07756437	TMOD2;TMOD2		0.279928	0.92178	1.07456	1.07456	0.4412744	0.833	-1.20033	0.833	0.833	1.20033	0.833	0.833	1.20033	0.833	0.833	1.20033	0.914841	1.07356	-1.02712	0.21125	0.4015	2.49127	0.60169	0.876043	-1.14142	0.0106143	1.02853	1.02853	0.302101	1.88616		
cg03048902	SLC35D3		0.279931	0.900301	0.977356	-1.02317	0.0189185	0.594842	-1.68112	0.897677	0.976763	-1.02379	0.777919	1.05303	1.05303	0.211284	0.786098	-1.27211	0.744191	0.941919	-1.06166	0.183485	0.772677	-1.2942	0.449438	1.15125	1.15125	0.303123	0.822896	-1.21522	0.53042	0.809468	0.470151	1	
cg20978262	AIG3		0.279932	0.221156	0.76914	-1.30073	0.361549	1.21096	1.21096	0.199366	0.758255	-1.31882	0.637083	0.907562	-1.10183	0.0979582	0.108833	9.18833	0.0898557	1.44713	1.44713	0.113151	0.42173	2.37113	0.191686	0.880616	-1.13615	0.184785	1.04906	1.04906	0.0341	1.0996	0.586394	1	
cg27550984	ROBLD3;ROBLD3		0.279933	0.130675	0.283253	-3.53042	0.983401	0.98405	-1.01621	0.71451	1.3234	1.3234	0.63298	1.35889	1.35889	0.029769	0.138539	7.21818	0.231782	0.379368	-2.63357	0.0241209	0.221209	4.52054	0.821097	1.19117	1.19117	0.162907	0.279178	-3.58194	0.53041	14.4767	8.40831	
cg22970496	FAM20C		0.279934	0.0916403	1.39244	1.39244	0.0883756	0.715255	-1.3981	0.396181	1.16751	1.16751	0.363527	1.1811	1.1811	0.157662	0.844839	-1.18366	0.914002	0.98093	-1.01944	0.220625	0.794908	-1.25801	0.557278	1.1116	1.1116	0.724677	1.06506	1.06506	0.53041	0.77006	0.447265	1	
cg23524524	MAGIX;MAGIX;MAGIX;MAGIX		0.279936	0.108328	1.22656	1.22656	0.293138	0.597111	-1.67498	0.0781798	0.68628	1.45709	0.0810998	0.246146	4.06351	0.0607982	0.0997752	-10.0285	0.0278542	0.246146	4.06351	0.0607982	0.144713	6.9113	0.0144703	0.842013	1.18768	0.0288216	0.842013	1.18768	0.0288216	0.842013	1.18768	0.0288216		
cg20481950	METTL9;GSF6;METTL9		0.279939	0.219002	0.659262	-1.51685	0.499029	0.801579	-1.24754	0.6608803	0.557629	-1.79189	0.425558	0.769326	-1.29984	0.043903	0.47409	-2.1093	0.987606	0.995006	-1.00502	0.792745	1.08857	0.761766	0.909654	-1.10296	0.079125	0.533519	-1.87435	0.53039	2.51759	1.46228	1
cg05106897	PACSIN1		0.279939	0.0816893	1.66633	1.66633	0.0188251	0.753196	1.32748	0.0768206	0.811149	1.32748	0.0550008	0.944279	-1.05854	0.833333	0.940201	-1.06359	0.0260383	2.37944	2.37944	0.0158738	0.167018	5.98607	0.0240087	2.10211	0.102312	0.658293	0.882621	-1.13346	0.53039	1.60733	0.952752	1	
cg15133748	ALLC		0.279939	0.135695	2.44405	2.44405	0.0288733	0.18718	4.18718	0.244587	1.967	1.967	0.539851	1.41189	1.41189	0.508575	1.45166	1.45166	0.734722	1.827771	-1.20806	0.886292	1.08277	1.08277	0.0700791	1.08177	1.08177	0.389021	1.633332	1.633332	0.53039	7.48637	4.34827	1
cg11447040	DHX30		0.279939	0.0392587	0.358028	-2.78607	0.876381	1.06916	1.06916	0.901138	1.05484	1.05484	0.375822	0.676767	-1.47761	0.0623171	0.406027	-2.46289	0.787662	1.12296	1.12296	0.4721	0.73038	-1.36915	0.585215	1.6099	1.6099	0.916741	0.956074	-1.04594	1.53039	0.447256	2.59778	1
	MCFD2;MCFD2;MCFD2;MCFD2;MCFD2																											
ch.2.112383798	MCFD2;MCFD2		0.279939	0.285034	0.693096	-1.4428	0.5588353	0.494365	-2.0228	0.8845542	0.532687	-1.87728	0.121878	0.574906	-1.73942	0.146722	0.597986	-1.67228	0.992726	1.00301	1.00301	0.512919	0.803273	-1.24491	0.278423	0.689315	-1.45072	0.554201	1.21837	1.21837	1.53039	2.64149	1.53425	1
cg00308206	FAM57B;FAM57B		0.279949	0.192345	1.45257	1.45257	0.3320447	1.1247	1.1247	0.129	1.29	1.29	0.183183	1.86103	1.86103	0.193754	0.964142	-1.03705	0.0274178	0.603183	0.75687	-1.32126	0.316982	0.485161	-2.06117	0.382284	0.655316	-1.52587	0.927575	-1.07808	1.53036	0.663897	2.0192	1	
cg12098623	DDX54;DDX54;C12orf52		0.279951	0.0450934	0.373669	-2.67616	0.656529	0.825612	-1.21122	0.998958	0.999441	-1.00056	0.236254	1.70125	1.70125	0.106453	0.212705	2.12705	0.835192	1.09129	1.09129	0.60057	0.797565	-1.25381	0.552886	1.29308	1.29308	0.342898	1.51946	1.51946	0.53035	4.44286	2.58059	1
cg08246428	CASQ1		0.279952	0.0566812	0.359438	-2.78212	0.204612	0.529976	-1.88688	0.532746	1.34946	1.34946	0.392208	0.659822	-1.51556	0.218907	0.541547	-1.84656	0.882751	1.07251	1.07251	0.0421093	0.329312	-3.03664	0.922835	0.955084	-1.04703	0.643133	0.801466	-1.24771	1.53035	0.545316	3.16742	1
cg23581866	PBDX1;PBDX1		0.279957	0.731663	1.36741	1.36741	0.6274037	1.24097	-1.24097	0.403163	1.30075	1.30075	0.0181539	1.348824	-1.26457	0.0205247	0.445385	2.24497	0.435054	1.33963	1.33963	0.162613	0.262613	3.80744	0.0494744	1.11764	0.884152	0.94798	-1.05499	0.947042	1.02469	1.53033	0.526682	1.89752	1	
cg17501395	ZC3H12D		0.279959	0.419832	0.746559	-1.33948	0.172645	0.67311	-1.67311	0.438681	0.755705	-1.32327	0.0742263	0.493896	-2.02472	0.270022	0.665452	1.50274	0.573842	1.22457	1.22457	0.960717	1.01762	0.782331	0.906457	-1.1032	0.0758177	0.496221	-2.01523	1.53033	0.04778	1.7703	1	
cg12770741	NXN		0.279964	0.172344	0.180485	-5.72726	0.787943	1.862237	-1.86237	0.0955865	0.561105	-1.7822	0.0421361	0.755185	-1.32455	0.0154964	0.0225373	-4.43658	0.224564	0.407202	-2.45614	0.0446406	0.335503	-2.98061	0.0708522	0.328956	-3.03162	0.0199189	0.474428	2.10795	1.53033	0.0478	4.2512	1	
cg05241828	GPT		0.279966	0.382725	0.432073	-2.31442	0.35053	0.406249	-2.46154	0.574339	1.70235	1.70235	0.832453	0.819877	-1.2197	0.103444	0.18833	3.3083	0.374029	0.425107	-2.35235	0.0300451	0.091425	-10.9379	0.096372	0.180603	-5.53699	0.510385	0.534771	-1.86996	1.5303	0.21995	12.372	1	
cg25490481	CUX1;CUX1;CUX1		0.279966	0.457287	1.17217	1.17217	0.476413	1.1641	1.1641	0.930745	0.981924	-1.01841	0.0279361	0.579808	-1.72471	0.600007	1.11744	1.11744	0.3026	0.799236	-1.25119	0.272121	0.786717	-1.27111	0.246405	0.7754	-1.28966	0.588792	1.12135	1.12135	1.5303	1.06734	0.619974	1	
cg12694372	TNXB		0.279971	0.051168	0.597408	1.67351	0.1035413	0.191615	-5.2188	0.454408	0.746746	-1.34006	0.0502025	0.857663	1.2791	0.0196004	0.0925	10.8125	0.0139201	0.182932	5.46668	0.0183778	0.342302	2.91991	0.0136718	2.9844	0.0149348	0.329276	2.92762	0.0137453	1.53029	0.0164	0.739455	1	
cg18394527	STK4		0.279974	0.280131	0.798277	-1.2527	0.704359	0.926352	-1.0795	0.259343	1.26635	1.26635	0.979702	1.00521	1.00521	0.95255	0.988129	-1.01201	0.544122	0.884081	-1.13112	0.0571242	0.649261	-1.54021	0.523231	0.878243	-1.13864	0.08539	1.46465	1.46465	1.53028	0.976001	0.566928	1	
cg06198451	STAU1;STAU1;STAU1;STAU1;STAU1		0.279983	0.160427	0.255126	-3.91933	0.0139	0.0966	-10.3603	0.0615494	0.0966	-10.3603	0.0615494	0.234736	4.26136	0.0239324	0.0886071	11.2834	0.0164427	0.234736	4.26136	0.0239324	0.0886071	11.2834	0.0164427	0.234736	4.26136	0.0239324	0.0886071	11.2834	0.0164427	0.234736	4.26136	0.0239324	0.0886071	11.2834	0.0164427	1.53033	0.56365	2.8181	1
cg01089364	CNST;CNST		0.279986	0.393716	0.78279	-1.27748	0.880643	1.04302	1.04302	0.164005	1.61322	1.61322	0.792033	0.928603	-1.07689	0.124475	1.594	1.594	0.182269	0.672462	-1.48707	0.560365	1.17945	1.17945	0.843126	0.945975	-1.05711	0.126896	0.629523	-1.5885	1.53023	0.904426	1.10616	1	
cg19159069	MACROD1		0.279989	0.907442	0.985466	-1.01497	0.198668	1.46058	1.46058	0.440382	0.425529	1.25605	1.25605	0.997052	1.00103	1.00103	0.126389	0.630538	-1.58595	0.259404	1.38839	1.38839	0.0254	0.185105	1.85105	0.445307	0.799411	-1.25092	0.604684	1.53023	0.13886	1.04916	1.05916	1	
cg04473360	CACNB1;CACNB1;CACNB1		0.27999	0.0456526	1.95456	1.95456	0.141115	0.16878	-5.9211	0.161378	0.163848	6.1373	0.163848	0.276753	3.61729	0.184009	0.51007	-1.96067	0.184047	0.545444	-1.8348	0.0577	0.770352	1.08937	1.08937	0.843145	1.05965	1.05965	0.184028	1.51005	1.51005	0.0353023	0.048071	2.04807	1.53022	2.07279	1.20406	1	
cg05838690	NCAM1;NCAM1;NCAM1		0.279991	0.11831	0.366997	-2.72482	0.07346	0.307353	-3.25359	0.327164	0.550337	-1.81694	0.788541	0.853076	-1.17223	0.0805639	0.318012	-3.14454	0.348182	0.56499	-1.76994	0.0478762	0.0913205	0.302936	-3.23075	0.133159	0.383777	-2.60568	0.823857	0.876532	-1.14086	1.53022	0.646857	4.91931	1	
cg24721647	ACSL1		0.279992	0.0335249	0.350102	-2.85571	0.0139	1.2851	1.2851	0.428625	0.729315	1.37097	0.0205534	0.424	2.35849	0.0139	0.0139	7.19424	0.0139	0.0139	7.19424	0.0139	0.0139	7.19424	0.0139	0.0139	7.19424	0.0139	0.0139	7.19424	0.0139	0.0139	7.19424	0.0139	0.0139	7.19424	0.0139	1.53022	0.18

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. 21T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 63T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg14034503	TMEM42;TMEM42		0.2802188	1.0504001	0.175647	1.2778636	0.855035	-1.16954	0.847877	0.9736554	0.110706	0.0641107	0.744817	-1.35494	0.4048993	0.74961	0.123378	0.792918	-1.26116	0.462263	0.901277	1.10954	0.96036	0.9703114	-1.00693	0.3943611	1.12895	1.52957	0.4682238	0.2721209	1
cg18485501	IER2		0.2802189	1.0250444	0.726774	-1.37594	0.3862229	1.18335	1.18335	0.0438139	0.155141	1.5514	0.497257	0.8775549	-1.13954	0.487552	1.14303	1.14303	0.7211449	0.934327	-1.07029	0.8538923	0.9656641	-1.01557	0.205322	1.28822	1.28822	1.52957	0.8702232	0.5057223	1
cg19967800	LRGUK		0.2802189	0.9633	1.02191	1.022191	0.13138	0.4643229	-2.15364	0.0508554	2.85132	2.85132	0.923056	0.9555516	-1.04655	0.0849056	0.4076333	-2.45319	0.9325569	0.960924	-1.04067	0.7976561	0.8860246	-1.12863	0.8129631	0.8943651	-1.11811	0.5500312	1.32956	1.32956	1.52957	0.37438	3.12324	1
cg03827772	SHANK2		0.2802189	0.9977162	0.993758	-1.00628	0.1826362	1.36232	1.36232	0.3674862	1.224446	1.224446	0.749881	0.9324228	-1.07247	0.039799	0.9020016	-1.1086	0.2362626	0.762254	-1.3119	0.1314418	1.42795	1.42795	0.9186955	1.022959	1.022959	0.0659951	0.63688	1.575015	1.52957	1.519144	0.67362	1
cg10163945	COMMD10		0.2802192	0.864064	1.03992	1.03992	0.04045	1.71704	1.71704	0.0336382	1.74317	1.74317	0.701123	1.09208	1.09208	0.613198	0.8901145	-1.12341	0.811034	1.05624	1.05624	0.66024	0.903894	-1.10632	0.418448	1.20787	1.20787	1.03878	1.272013	1.272013	1.52956	1.526395	0.73453	1
cg10151162	PDIA2		0.2802194	1.0250446	0.670765	-1.49083	0.5197894	0.8566631	-1.36756	0.752455	0.927705	-1.07793	0.931746	0.9798802	-1.02052	0.1609904	0.701057	-1.42642	0.9306665	0.851719	-1.23395	0.2042664	0.727801	-1.374	0.0169643	0.5013	-1.99481	0.870728	0.962111	-1.03938	1.52955	1.36254	0.791829	1
cg24869172	CHN2		0.2802198	0.7954602	0.931966	-1.073	0.5213307	1.19275	1.19275	0.3951655	0.789679	-1.26634	0.025	0.485243	-2.06082	0.471289	0.819801	-1.21981	0.427477	0.802781	-1.24567	0.16839	1.48882	1.48882	0.9891666	0.996325	-1.00369	0.3553442	0.772751	-1.29408	1.52954	1.78096	1.035	1
cg16105080	CHRM3		0.2802281	0.959821	1.1682	1.1682	0.6624079	1.197222	1.197222	0.5414121	1.10753	1.10753	0.750808	0.94675	-1.05442	0.3328386	1.18126	1.18126	0.9078738	0.98424	-1.01626	0.7106855	0.9197326	-1.02069	0.7315599	1.05851	1.05851	1.52953	0.6605059	0.5839855	1
cg09866275	VAT1L		0.2802325	0.977321	1.0193	1.0193	0.1818239	4.56944	4.56944	0.9814242	1.03156	1.03156	0.8170777	1.13545	1.13545	0.2409128	0.4048135	-2.47039	1.10805	1.24028	1.24028	0.3944546	1.54571	1.54571	0.6224402	1.2813	1.2813	0.8065007	1.13037	1.13037	1.52952	0.6411	3.51082	1
cg13767768	SLC13A2		0.2802209	0.522121	1.46029	1.46029	0.895756	1.07951	1.07951	0.344072	0.566192	-1.76618	0.114957	2.71931	2.71931	0.304408	0.537535	-1.86034	0.521266	2.66582	2.66582	0.284915	1.91223	1.91223	0.236678	2.06189	2.06189	0.1303398	2.59453	2.59453	1.52951	8.25139	4.79538	1
cg18331182	LMNA;LMNA;LMNA		0.2802223	0.87691	1.05236	1.05236	0.4855225	1.0657	1.0657	0.3867	1.00572	1.00572	0.8455707	1.06377	1.06377	0.3227804	0.7971101	-1.3945	0.8277645	1.07439	1.07439	0.5764477	1.27502	1.27502	0.1440547	1.73053	1.73053	0.0592026	0.4386615	1.770963	1.29708	1.529466	2.626021	1.152619	1
cg08798116	GPC4		0.2802226	0.0313618	0.0102897	-97.185	0.954192	0.9034466	-1.10685	0.93402	0.863876	-1.15757	0.521476	3.160418	3.160418	0.758108	1.72405	1.72405	1.724905	1.72495	0.084047	0.0323272	-30.9337	0.574477	2.7294	2.482799	3.53807	3.53807	0.69308	2.01684	1.57829	1.52951	1.526395	76.4158	37.6576	1
cg15237819	OSR1		0.2802228	0.177268	0.731054	-1.36789	0.2688336	0.777508	-1.28605	0.695067	0.913758	-1.08997	0.229127	0.7820664	-1.27862	0.174866	0.7296019	-1.37058	0.938269	0.940232	-1.06366	0.4490993	0.6123515	-1.63261	0.1763516	0.538386	1.085986	0.2146227	1.330328	1.330328	1.52944	1.15001	0.6718855	1
cg11045331	AGAP1;AGAP1		0.2802239	?	?	?	0.861187	1.08607	1.08607	0.2502163	0.6605355	-1.65192	0.629404	1.117131	1.117131	0.212256	0.7415285	-1.34846	0.4139942	1.4162	1.4162	0.0186442	3.46546	3.46546	0.3441151	1.5291	1.5291	0.463585	1.38422	1.38422	1.52938	4.60058	2.6739	1
cg26329700	SCN4A;SCN1A;SCN9A		0.2802251	0.647325	1.14407	1.14407	0.3508499	1.08017	1.08017	0.135888	2.1164	2.1164	0.968602	1.011138	1.011138	0.2212742	0.60244	-1.66004	0.9727738	0.984221	-1.01603	0.1268623	2.15647	2.15647	0.2009566	1.875	1.875	0.0198372	0.9153778	0.1048868	1.52937	5.24661	3.04999	1
cg11807143	TBC1D7;TBC1D7;TBC1D7		0.2802251	0.203989	1.0397008	0.53134	0.0812645	0.2648868	-1.77547	0.3513517	0.3394331	-2.94611	0.6614695	0.7586559	-1.3538	0.0379024	0.1911558	-5.23159	0.454459	0.5923	-1.68833	0.4467585	0.5825528	-1.71666	0.44156	1.71502	1.71502	0.7668	1.815111	1.22683	1.52937	1.14652	6.653209	1
cg22682162	MRK4&H3;C6orf167		0.2802254	0.8443667	1.02608	1.02608	0.233167	1.17665	1.17665	0.276105	1.15884	1.15884	0.710209	0.952591	-1.04977	0.0608502	1.13648	1.13648	0.4334662	1.10961	1.10961	0.958235	0.993209	-1.00684	0.144135	0.8153119	-1.22651	0.1433779	1.22706	1.22706	1.52936	0.4310136	0.2383878	1
cg12603118	GAS7;GAS7;GAS7;GAS7		0.2802254	0.856783	1.17834	1.17834	0.728314	4.93528	4.93528	0.9962406	0.67239	-1.49239	0.0170729	0.990797	1.00717	1.00717	0.5248374	1.49071	1.49071	1.49071	0.5211977	0.5186971	1.49071	1.49071	0.5211356	0.8384744	1.47313	0.743889	0.81617	1.22521	1.52936	0.29941	5.40497	1	
cg01057962	BCL6;BCL6		0.2802261	0.2826406	0.8527798	-1.17261	0.8803136	0.9765564	-1.024	0.8494974	0.1003124	1.03124	0.0288121	0.6668744	-1.49953	0.0564147	0.712145	-1.40421	0.587091	1.08999	1.08999	0.257817	0.2039561	-3.40435	0.0234	0.5190	-1.92651	0.918537	-1.08869	1.52934	0.982282	0.3477014	1	
cg18872153	RGL1		0.2802262	0.5504402	1.0641111	1.1522	0.4766496	0.7779169	-1.28557	0.6955067	0.917538	-1.08997	0.229127	0.7820664	-1.27862	0.174866	0.7296019	-1.37058	0.0955324	1.15205	1.15205	0.1042727	1.86229	1.86229	0.1211555	1.47588	1.47588	0.7023388	1.09299	1.09299	1.52934	0.7938	0.7552334	1	
cg02393114	ATP5D;ATP5D		0.2802261	0.909414	0.947596	-1.0553	0.33986	0.628002	-1.59235	0.5196881	1.3616	1.3616	?	?	?	0.694763	1.20503	1.20503	0.8868208	1.06968	1.06968	0.0146641	0.24147	-4.14131	0.8868809	1.06968	1.06968	0.5265118	0.738236	-1.35458	1.53136	0.82182	3.14871	1	
cg07535133	BTNL2		0.2802262	0.375277	0.6041149	-1.65522	0.548293	0.714336	-1.3999	0.111676	0.388957	-2.57098	0.661806	0.783682	-1.27603	0.6855355	0.1628578	0.23108	-4.32825	0.298306	0.550441	-1.81673	0.0517872	0.2935561	-3.40645	0.55794	0.720264	-1.38838	0.691159	0.8016605	-1.2475	1.52933	7.42811	4.31742	1
cg25830938	ANKMY1;ANKMY1		0.2802269	0.8601837	1.0249	1.0249	0.3786027	1.0659	1.0659	0.3867	1.41343	1.41343	0.8839301	1.15936	1.15936	0.3156174	0.7538102	-1.32682	0.8545816	1.07439	1.07439	0.5764477	1.27502	1.27502	0.1440547	1.73053	1.73053	0.0592026	0.4386615	1.770963	1.29708	1.529466	2.626021	1.152619	1
cg02175035	RAB40B		0.2802277	0.452096	0.870571	-1.14867	0.606117	1.09868	1.09868	0.789024	0.952635	-1.04972	0.682763	0.928348	-1.07718	0.0652623	1.45418	1.45418	0.709072	0.934437	-1.07016	0.060418	1.46686	1.46686	0.21001	0.787398	-1.27001	0.7864158	1.05043	1.05043	1.52928	0.792883	0.46086	1
cg21233111	NUP214		0.2802278	0.9135264	1.0944	1.0944	0.3279987	0.7506	1.33227	0.2338871	1.40337	1.40337	0.8922919	1.126892	1.126892	0.3496662	0.7955107	-1.25709	0.3838442	0.784537	-1.27446	0.0409132	0.5226098	1.91315	0.7809354	1.15779	1.15779	0.433282	1.24272	1.52928	1.78869	1.03967	1	
cg05059648	MCART6;ZCCHC18;ZCCHC18		0.2802281	0.175065	0.314182	-3.18287	0.2288968	0.126428	-7.90964	0.373795	0.480516	-2.0811	0.330390	2.23953	2.23953	0.363846	0.4727281	2.15115	0.137615	0.277044	3.60953	0.959763	0.960308	-1.04133	0.957748	1.04345	1.04345	0.952421	1.953229	0.93229	-1.04907	1.52923	15.608	9.07237	1
cg08302480	MYADM		0.2802302	0.856263	0.951672	-1.05078	0.896687	0.965131	-1.03613	0.837717	1.05763	1.05763	0.19585	1.4531	1.4531	0.190754	0.6848491	-1.46009	0.530001	1.18982	1.18982	0.0499416	0.542909	-1.84193	0.98454	1.00531	1.00531	0.152267	1.52036	1.52036	1.52924	1.80764	1.05074	1
cg03445621	C15orf24		0.2802304	0.694763	1.0944	1.0944	0.3279987	3	3	-0.14	0.8516094	0.8516094	0.3499369	-1.05333	0.845676	0.9473689	1.07095	1.07095	1.071302	0.2816777	0.7330308	0.0804686	1.94471	1.94471	0.521156	0.8384744	-1.36424	0.2455729	-1.19785	0.4377737	0.802718	-1.24577	1.52919	0.29941	5.40497	1	
cg04289163	SOCS1		0.2802306	0.772022	0.677445	-1.47614	?	?	?	0.398243	0.31367	-3.18806	0.505282	0.6407	-2.44782	?	?	?	0.0474553	0.748558	-20.8961	?	?	?	0.154453	0.129666	-7.72113	1.53641	24.2916	25.2971	1	
cg04115740	FBXO39		0.2802309	0.2254349	1.1441	1.1441	0.4719146	1.158137	1.158137	0.5625794	0.562546	-1.96206	0.508587	0.72071	0.72071	0.104776	0.553354	1.80655	0.6025707	0.2816777	1.15886	0.4874434	1.26535	1.26535	0.8240103	1.07714	1.07714	0.6020206	0.8390111	0.9198824	1.52923	1.53669	1.52923	1.53669	1	
cg08866986	ATPAF2;ATPAF2;C17orf39		0.2802308	0.715275	0.950715	-1.05184	0.2643159	1.17409	1.17409	0.661853	1.06259	1.06259	0.698461	1.05517	1.05517	0.196727	1.20718	1.20718	0.8505337	1.02637	1.02637	0.620967	1.07118	1.07118	0.0566499	1.34668	1.34668	0.0258767	1.44041	1.44041	1.52918	1.44041	0.269126	0.267926	1
cg12190105	KIAA0831		0.2802309	0.538625	0.838188	-1.19305	0.985182	1.05057	1.05057	0.5583309	1.85361	1.85361	0.885331	0.9599831	-1.04168	0.606592	0.8633133	-1.15857	0.150616	0.64608	-1.55374	0.112013	0.6088312	-1.64254	0.854373	1.05338	1.05338	0.363297	1.30409	1.30409	1.57799	1.95925	0.965694	1	
cg00530284	UTRN		0.2802315	0.9879921	1.0144	1.0144	0.4551701	0.9077169	-1.10145	0.9519119	0.9854855	-1.01252	0.709473	0.9916724	-1.00829	0.6416	0.7994198	-1.25098	0.9613672	1.04198	1.04198	0.6614357	0.9159402	1.05004	1.05004	0.6949	1.02926	1.02926	0.5605511	1.04198	1.04198	1.52917	1.48874	1.10295	1	
cg14720274	RDRA		0.2802317	0.2579313	0.485849	-2.05825	0.74709	0.8204492	-1.21878	0.5541964	0.26287	-3.80416	0.306756	0.523611	-1.90981	0.634249	0.745969	-1.34054	0.793029	0.85147	-1.17444	0.316297	0.530725	-1.88422	0.8813745	3.25854	3.25854	0.377744	0.5749811	-1.73919	1.52915	9.05541	5.26387	1	
cg15990828	TMEM200		0.2802318	0.3988967	0.7865214	-1.27126	0.7164648	0.7284555	-1.37285	0.4705008	0.38988	-2.56548	0.488825	0.8482995	-1.17899	0.4203555	0.7945	-1.25862	0.1414212	0.620372	-1.61215	0.1440295	0.3742897	2.67109	0.8004666	1.24205	1.24205	0.2873809	1.80656	-1.12276	0.2521135	1.38556	1.52915	2.64566	1	
cg13788381	ARHGEF10L;ARHGEF10L		0.2802327	0.404297	0.457487	-2.18585	0.3372788	1.475777	2.475777	0.237128	3.1112	3.1112	0.753669	0.7494	-1.3344	0.1103198	0.2030449	-4.92492	0.815917	0.807589	-1.23825	0.0698561	0.156035	-6.40882	0.8096	1.803619	-1.24747	0.158867	0.2515582	-3.97484	1.52912	20.3378	11.8225	1	
cg23091699	HECW1		0.2802328	0.400374	0.781213	-1.28006	0.0481758	1.911112	1.911112	0.1170006	1.62972	1.62972	0.639325	1.14611	1.14611	0.320187	1.34262	1.34262	0.2956601	0.732647	-1.36491	0.4187	1.26745	1.26745	0.847486	0.94627	-1.05678	0.2792912	1.38075	1.38075	1.52912	1.99237	1.15818	1	
cg06485765	PPP4C;PPP4C		0.2802329	0.9677319	1.0805	1.0805	0.5716448	1.0655	1.0655	0.3867	1.89088	1.89088	0.8452395	1.202295	1.202295	0.3778511	0.7261658	-1.37683	0.9564439	1.03202	1.03202	0.5373554	1.18404	-1.10083	0.7569312	1.02196	1.02196	0.7164644	1.16555	-1.12276	0.2521135	1.38556	1.52915	0.54566	1	
cg27239371	ALDH3A1		0.2802331	0.17051	0.578666	-1.72811	0.0470272	0.4265291	-2.34417	0.591753	0.816362	-1.22495	0.890816	1.05281	1.05281	0.881802	0.5929119	-1.68657	0.161152	0.570703	-1.75222	0.891505	0.950143	-1.05247	0.8309776	0.484242	-2.06508	0.642636	1.1914	1.1914	1.52911	3.40168	1.97744	1	
cg07694735	ARHGEF10		0.2802335	0.9855159	1.0293	1.0293	0.4451701	0.9077169	-1.10145	0.9519119	0.9854855	-1.01252	0.709473	0.9916724	-1.00829	0.6416	0.7994198	-1.25098	0.9613672	1.04198	1.04198	0.6614357	0.9159402	1.05004	1.05004	0.6949	1.02926	1.02926	0.5605511	1.04198	1.04198	1.52917	1.48874	1.10295	1	
cg24600428	KCNQ4;KCNQ4		0.2802348	0.254917	0.754277	-1.32577	0.6823776	0.9070001	-1.10254	0.0901612	0.6420751	-1.55745	0.7420055	0.9246361	-1.08151	0.0258587	0.5338442	-1.87321	0.5152252	0.855108	-1.16944	0.718948	0.9178411	-1.08951	0.252472	0.753082	-1.32788	0.0832222	0.6344609	-1.57612	1.52908	3.36296	0.792321	1	
cg25637232	GSTA5		0.2802365	0.5982861	0.79747	-1.31092	0.6042428	0.6043319	-1.65472	0.3134257	0.4813742	-2.07833	0.288493	0.4317362	-2.31649	0.2373587	0.3474769	-2.87681	0.1115262	0.394359	-2.53576	0.1695359	0.2378227	-4.18714	0.1115262	0.394359	-2.53576	0.1695359	0.2378227	-4.18714	1.52906	6.97994	4.05713	1	
cg06124469	SPG11;SPG11		0.2802381	0.559291	0.831442	-1.20272	0.638571	1.1594	1.1594	0.3401202	1.57434	1.57434	0.7539	1.0114	1.0114	0.0338496	0.5894311	-1.69654	0.1857798	0.70716	1.00716	0.3256603	0.728607	-1.37248	0.906404	0.96376	-1.0376	0.0318692	0.51827	2.51827	1.52905	1.37648	1.53064	1	
cg24830101	TSPAN32		0.2802349	0.936798	1.0236	1.0236	0.809449	1.07364	1.07364	0.0408149	0.49933	-2.00268	0.0611934	0.537676	-1.85985	0.284805	0.721235	-1.38651	0.41001	0.780506	-1.28122	0.4115992	1.27702	1.27702	0.377194	0.766034	-1.30543	0.351848	0.754413	-1.32553	1.52905	2.09513	1.21797	1	
cg24180035	UBE2F		0.2802351	0.9828257	1.0172	1.0172	0.4155101	0.9412168	1.062455	0.3467489	1.13948	1.13948	0.6569552	0.862931	-1.15938	0.0227135	0.4852272	-2.06207	0.2816777	1.15886	0.4874434	1.26535	1.26535	0.8240103	1.07714	1.07714	0.6020206	0.8390111	0.9198824	1.52923	1.53669	1.52923	1.53669	1	
cg07172565	TCEB3C;TCEB3C;KATNAL2		0.2802357	0.423969	0.680011	-1.47056	0.0243902	0.281739	-3.54939	0.213816	1.85551	1.85551	0.146155	0.478665	-2.08914	0.401818	0.662823	-1.49965	0.595129	0.776238	-1.28827	0.847585	0.9193135	-1.09513	0.494494	0.7203631	-1.38767	0.411148	0.672408	-1.48719	1.52902	5.40092	3.1398	1	
cg15253104	ATE1;ATE1		0.2802361	0.481042	0.8496499	-1.17703	0.9520133	1.014315	1.014315	0.8364493	0.9540921	-1.04815	0.7445534	1.027757	1.027757	0.0441455	0.5908844	-1.69249	0.5304978	1.15558	1.15558	0.1454353	1.42735	1.42735	0.1072516	0.6702844	-1.49199	0.9975513	1.00071	1.00071	1.52901	1.029897	0.729947	1	
cg01630362	NADSYN1		0.2802364	0.8288907	0.329132	-3.03829	0.258951	1.0601	1.0601	0.3867	0.8536574	-1.22598	0.650331	0.821317	-1.21756	0.984631	1.03804	1.03804	0.5953761	0.975298	-1.02533	0.6455145	0.80582	-1.24097	0.0966287	0.4553114	-2.19629	0.246423	0.5838332	-1.71282	1.529	4.50567	2.63939	1	
cg08946615	SORCS0D;SNORD50A;SNH05		0.2802369	0.451199	1.25711	1.25711	0.726883	1.10118	1.10118	0.376655	1.31052	1.31052	0.28915	1.38815	1.38815	0.7607931	1.09529	1.09529	0.73323	0.903051	-1.10736	0.0675346	0.543065	1.8414	0.0600279	0.531326	-1.88208	0.866105	1.05159	1.05159	1.52898	2.15158	1.25084	1	
cg02680890	NPTX2		0.2802375	0.6193163	-1.62939	0.6749097	0.3778027	0.9413141	-1.06237	0.8375	0.8388877	1.24714	0.6634748	1.02076	1.02076	0.8526586	1.03849	1.03849	0.87865	1.03527	1.0715	0.6122496	0.6349	-1.81768	0.2194207	0.5540257	-1.80497	0.965131	0.980434	1.01096	1.52898	0.74054	0.8763	1	
cg00755043	NXNL2;NXNL2;NXNL2;NXNL2		0.2802371	0.0650384	7.61264	7.61264	0.655156	1.55339	1.55339	0.742758	1.38084	1.38084	0.536252	0.541594	-1.8464	0.405894	0.434681	-2.30054	0.987659	1.01527	1.01527	0.886873	0.869819	-1.14966	0.0854654	6.4412	6.4412	0.0818872	6.60758	6.60758	1.52897	23.2471	13.515	1	
cg13688399	MYO16		0.2802376	0.696561	0.8932444	-1.11951	0.0331101	0.4830515	-2.07033	0.288439	0.372565	1.37365	0.932623	1.02704	1.02704	0.3942977	0.77375	-1.29257	0.6374976	0.8722	-1.14653	0.162074	0.5373353	1.86093	0.8890381	-1.12311	0.53446	0.7506955	-1.3321	1.52895	2.00953	1.16428	1	
cg20245894	STAU2;STAU2;STAU2;STAU2		0.2802385	0.749432	0.9104075	-1.09833	0.173522	1.527781	1.527781	0.296924	0.728682	-1.37234	0.904368	1.035581	1.035581	0.666344	1.133538	1.13538	0.3133335	0.35693	-2.80113	0.0244088	2.192332	2.192332	0.745409	1.10005	1.10005	0.2245665	1.452625	1.452625	1.52893	2.0744	1.20601	1	
cg06704469	GABRR1		0.2802389	0.443252	0.778649	-1.28428	0.219798	0.6616685	-1.51129	0.0311905	0.4451183	-2.24627	0.300215	1.41001	1.41001	0.179911	0.639317	-1.57749	0.457843	0.785082	-1.27375	0.5557222	0.8263447	-1.21015	0.6913399	0.880116	-1.13621	0.4347337	1.29057	1.29057	1.52891	2.48049	1.44212	1	
cg02695648	VANGL1		0.2802391	0.312358	0.8477499	-1.17963	0.1650152	1.2322	1.2322	0.3867	1.60189	1.60189	0.751792	0.978642	1.022691	0.1422	0.4858275	-2.05877	0.2816777	1.15886	0.4874434	1.26535	1.26535	0.8240103	1.07714	1.07714	0.6020206	0.8390111	0.9198824	1.52923	1.53669	1.52923	1.53669	1	
	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL																														
cg24506862	4		0.2802391	0.368228	0.263564	0.334401	1.523217	2.523217	0.874679	0.8655391	-1.15535	0.0460838	0.100743	-9.62632	0.3061039	2.40076	2.40076	0.925715	0.918244	-1.08903	0.241506	3.17586	3.17586	?	?	?	0.5718969	1.692009	1.692009	1.74184	1.52897	1.69209	1.74184	18.8176	6.75208	1
cg19447966	TEAD1		0.2802397	0.0905334	0.538655	-1.85647	0.500271	1.2548	1.2548	0.315224	0.70857	-1.41129	0.360273	0.731973	-1.36617	0.0307055	0.430829	-2.32111	0.2339674	0.661051	-1.51274	0.191976	0.632427	-1.58121	0.796234	0.917737	-1.08964	0.429006	0.765031	-1.30714	1.52889	2.66478	1.54929	1	
cg21206257	SSU72		0.2802399	0.209719	0.652573	-1.5324	0.496743	1.29456	1.29456	0.413623	1.30976	1.30976	0.0676948	0.516423	-1.9364	0.112785	0.5727236	-1.746	0.0990575	0.996194	-1.00382	0.209158	1.53329	1.53329	0.888933	0.955887	-1.04615	0.843286	1.06599	1.06599	1.52888	2.52421	1.46757	1	
cg19405965	NCRNA00167;PRDM10;PRDM10		0.2802401	0.411331	0.8599653	-1.16296	0.4137976	0.9566951	-1.04581	0.5458525	0.707328	-1.41425	0.2704029	0.6233	-1.60444	0.1733926	0.4456115	-2.24439	0.5263657	0.779353	-1.28327	0.2879295	0.6443914	1.55203	0.3018874	0.5103	-1.95988	0.1127625	0.9507	1.05273	0.6042485	2.65137	2.65137	1.52888	4.09003	2.33899	1	
cg23877277	ZNF318		0.2802405	0.2300558	0.705049	-1.41834	0.954634	1.015931	1.015931	0.716592	1.10661	1.10661	0.152419	1.531	1.531	0.0891691	1.68346	1.68346	0.9080555	1.10997	1.10997	0.305602	0.7447124	-1.3428	0.124118	1.58834	1.58834	0.499775	1.826675	-1.20966	1.52886	1.86949	1.08693	1	
cg18831691	BCOR;BCOR		0.2802409	0.415234	1.03091	1.03091	0.4272677	1.28877	1.28877	0.7570766	1.19944	1.19944	0.8139456	1.388639	1.388639	0.5744588	1.314774	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg21614709	ESRL1;ESRL1;ESRL1	0.280653	0.123628	1.035365	0.22763	1	0.3328	0.437846	0.630633	1.163765	0.28021	0.496763	2.031093	0.141296	0.3730571	2.68045	0.259351	0.480266	2.08218	0.02884058	0.500503	0.487545	0.141926	0.735738	1.365091	1.52805	9.40163	5.46905	1
cg16663022	PDC2 PCDH15;PCDH15;PCDH15;PCDH15;PCD H15;PCDH15;PCDH15;PCDH15;PCDH15	0.280653	0.675953	1.21812	1.21812	0.340154	0.630398	1.5863	0.495274	0.722519	1.38405	0.620132	1.26414	1.26414	0.151333	0.485954	2.05781		0.170238	0.503805	1.9849	0.0332903	0.311076	3.214665	0.899441	0.942388	1.06113	0.135576	0.470014	2.127559	1.52805	5.33147	3.10139	1
cg02262873	PCDH15;PCDH15;PCDH15	0.280654	0.844999	0.937714	1.06642	0.637097	0.855446	1.16898	0.05638626	0.491723	2.033367	0.841847	1.06784	1.06784	0.5045596	0.488453	2.04728		0.856023	1.06149	1.06349	0.153844	1.651144	1.61544	0.634609	0.868364	1.15191	0.6134419	0.845879	1.1822	1.52805	2.612554	1.51975	1
cg10437577	SNURN;SNURN;SNURN	0.280657	0.9031229	1.007231	1.007231	0.3036319	0.938935	1.06504	0.7613611	1.03818	1.018518	1.018518	0.04990095	0.8761229	1.0011438	1.126856	0.900958	1.11052	0.287564	0.936788	1.06748	0.325943	0.9941784	1.016181	0.287917	0.9936836	1.067642	0.0569725	0.8803399	1.115985	1.52804	0.6846342	0.6492334	1
cg25757869	MYO2I;MYO2I	0.280662	0.5013389	0.819297	1.22056	0.15272	1.56415	1.56415	0.782575	0.922377	1.084515	0.941666	1.02161	1.02161	0.02094558	0.44421	2.25119		0.9039116	1.0359	1.0359	0.229121	0.6916588	1.445574	0.937404	1.02321	1.02321	0.893186	0.96152	1.040002	1.52802	2.0646	1.20103	1
cg06335889	CBFA2T3	0.280664	0.393471	0.507884	1.68264	0.1484342	2.29569	2.29569	0.1154424	0.77295	2.772395	0.155439	2.829717	2.829717	0.6181158	0.740468	1.35044		0.47697	0.649004	1.54082	0.553036	0.6869562	1.459594	0.341382	2.08166	2.08166	0.3230479	1.84726	1.84726	1.52802	8.64964	5.03174	1
cg27248875	ANKRD10	0.280669	0.716513	0.880613	1.13597	0.654761	0.85478	1.16989	0.782971	0.908226	1.101035	0.816982	1.08417	1.08417	0.4814774	0.781626	1.27938		0.4662277	0.77223	1.29495	0.0986539	0.5313883	1.88011	0.0186176	0.9698897	1.03148	0.8118008	0.5428	1.80414	1.528	2.94134	1.71108	1
cg12350185	DEPDC5;DEPDC5;DEPDC5	0.280669	0.771929	1.10553	1.10553	0.632457	1.18096	1.18096	0.532536	1.24386	1.24386	0.347706	0.716232	-1.3962	0.0270971	0.405201	2.46736		0.2632277	0.668601	1.49566	0.153236	0.58983	1.695414	0.327182	0.705286	1.41786	0.73417	1.12486	1.12486	1.528	2.88354	1.67746	1
cg15681038	ZNF529;ZNF529;ZNF529;ZNF529	0.280671	0.958082	1.043772	1.043772	0.9559	1.043772	1	0.4437845	1.084725	2.59926	7	0.3847725	1	0.4784889	0.804003	1.24341		0.1480134	0.675889	1.47933	0.136316	0.6275434	1.593183	0.313255	1.642253	1.589803	0.3132255	1.64253	1.64253	1.52794	4.26621	2.7016	1
cg16736799	LAPTM4B	0.280675	0.226537	0.761694	-1.31286	0.854483	0.961407	-1.04014	0.066466	0.643245	-1.55356	0.699524	0.919246	-1.08785	0.0548967	0.627061	-1.59474		0.439575	0.844516	-1.18411	0.180558	0.733726	-1.35637	0.184685	0.7396268	-1.35203	0.0880898	0.660288	-1.51449	1.52798	1.11218	0.646999	1
cg22308943	DPYSL2	0.280676	0.426209	1.1023	1.1023	0.0799419	1.26226	1.26226	0.475699	1.09083	1.090833	0.409025	1.50653	1.50652	0.639287	0.95828	1.10922		0.331028	1.12775	1.12775	0.0800916	0.9029139	1.262209	0.364238	0.860798	1.14969	0.993478	0.9990121	1.000898	1.52798	0.9947726	0.3032393	1
cg24679082	ETV4;ETV4	0.280677	0.663671	1.064559	1.064559	0.666112	0.939792	-1.06046	0.8201157	1.03676	1.030676	1.304158	1.16442	1.16442	0.0239897	0.49888	2.14698		0.3987777	0.999781	-1.00022	0.619917	0.930981	-1.07414	0.341356	0.8691144	-1.15056	0.218713	0.831068	1.202327	1.52798	0.4951151	0.2880514	1
cg26780677	SF1;SF1;SF1;SF1;SF1;SF1;SF1;SF1	0.280678	0.860587	0.961147	-1.04042	0.304624	0.786904	-1.2708	0.470715	0.847545	-1.17988	0.355785	1.23877	1.23877	0.2045225	0.550136	-1.81773		0.849795	0.958162	-1.04366	0.583236	1.13304	1.13304	0.150853	0.2579331	1.30489	1.30489	1.52797	1.22972	0.715386	1
cg18670235	ZNHIT1;PU2I03	0.280679	0.143073	0.674146	-1.48336	0.406658	0.831685	1.20238	0.0187148	0.489742	-2.04189	0.212575	0.7915005	-1.38599	0.389406	0.801732	-1.2473		0.3709775	0.606228	-1.43672	0.186565	0.7041227	-1.4202	0.633661	0.8886664	-1.12782	0.9632221	1.01162	1.01162	1.52797	1.153898	0.883662	1
cg08444341	ABCA3	0.280685	0.1116676	0.289241	-3.45732	0.1619337	2.91338	2.91338	0.156778	2.95779	2.95779	0.801936	0.8352295	-1.19718	0.171659	0.352764	-2.83475		0.4634637	0.586055	-1.70633	0.308122	0.4698846	-2.12836	0.538999	1.56106	1.56106	0.820656	0.8499441	-1.17655	1.52795	12.4071	7.21787	1
cg19507256	ZNF862	0.280687	0.04757221	0.184844	-5.40997	0.096476	1.0033	1.0033	0.79762	0.825761	-1.211	0.225655	0.429592	-2.32779	0.203122	0.367714	-2.71951		0.498811	0.599562	-1.66798	0.04260985	0.1735157	-5.65093	0.090505	0.4416099	-2.26399	0.134546	0.300351	-3.32944	1.52794	13.4327	7.81454	1
cg10564492	CHPF2	0.280693	0.5926313	1.16091	-1.16091	0.690361	0.865295	-1.15568	0.749152	1.09253	1.10253	0.2005536	1.45283	1.45283	0.2419583	0.240583	4.1503		0.353314	1.30204	1.30204	0.0448449	0.529848	-1.88912	0.953861	1.27151	1.27151	0.2597781	1.38301	1.38301	1.52793	1.84677	1.07438	1
cg10625090	KIAA0562	0.280694	0.9900111	0.995153	-1.00487	0.3424271	0.681536	-1.46727	0.8583837	0.932358	-1.07255	0.669259	1.18347	1.18347	0.0213421	0.338092	-2.95777		0.39491	0.710653	-1.40716	0.2117142	1.66367	1.66367	0.434628	0.731613	-1.36684	0.320224	0.6685558	-1.49576	1.52792	3.718651	2.163338	1
cg12726927	AFAP1;AFAP1;AFAP1;AFAP1	0.280697	0.1797776	0.16293	0.932007	0.1080513	1.00003	1.00003	0.294313	0.893154	-1.12214	0.65422	1.04892	1.04892	0.3535964	1.00503	1.00503		0.8542668	0.980709	-1.01967	0.0275878	0.7567161	-1.31802	0.38057	1.12381	1.12381	0.7798041	0.970505	-1.03039	1.52791	0.2715618	0.1588019	1
cg16549085	PHLDA2	0.280699	0.895277	1.13477	1.13477	0.201529	3.65032	3.65032	0.33617	2.59098	2.590898	0.180703	3.91367	3.91367	0.158039	0.23482	4.25858		0.121846	0.199906	-5.00235	0.225609	3.392886	3.39286	0.75077	1.35787	1.35787	0.499574	1.93083	1.93083	1.5279	22.302	12.9746	1
cg18932786	NUBPL	0.280702	0.7548319	1.020502	-1.11982	0.6068355	0.4414438	1.33776	0.1842006	0.6433	1.554511	0.6751597	1.485105	0.0784373	0.6751597	1.482153	0.6751597		0.1124572	0.548348	-1.82336	0.0179907	0.5062744	-1.97521	0.8388	0.9290901	-1.07636	0.1422888	0.5962274	-1.67693	1.52787	3.37	1.83771	1
cg21382232	RNF111	0.280701	0.647213	1.931449	-1.0736	0.354183	0.863374	-1.15825	0.115093	0.767934	-1.3022	0.278272	0.840503	-1.18976	0.412652	0.878896	1.13779		0.1850257	1.24188	1.24188	0.344337	1.16197	1.16197	0.416769	0.879938	-1.13644	0.0847856	0.745448	1.34147	1.52787	0.5747666	0.33439	1
cg09804858	TRERF1	0.280711	0.89344	1.03501	1.03501	0.470504	1.20744	1.20744	0.256145	0.737599	-1.35575	0.0474914	0.5587727	-1.78078	0.0479172	0.831467	-1.20249		0.236427	1.37512	1.37512	0.29784	1.33521	1.33521	0.345984	1.283	1.283	0.604193	0.8743347	-1.14371	1.52786	1.59533	0.928146	1
cg26384201	HYAL3;NAT6	0.280716	0.2225247	0.795062	-1.25696	0.1743012	0.498539	1.00716	0.177326	0.490864	1.017356	0.1904861	0.7043827	-1.34621	0.622161	0.8988371	-1.11253	0.444885	0.8754727	-1.14225	0.6977045	0.9344839	-1.06959	0.5321756	1.064554	1.06455	1.52785	1.11483	0.6485097	1.52785	0.9547	0.4403926	1
cg22888055	TPKA	0.280723	0.1574564	2.50801	2.50801	0.311552	1.89148	1.89148	0.238578	2.1187	2.1187	0.980543	0.9852676	-1.01494	0.889132	0.918661	-1.08854		0.6649377	1.30345	1.30345	0.0108336	0.502019	0.50219	0.53187	1.46985	1.46985	0.37613	1.73751	1.73751	1.52782	8.95216	5.20837	1
cg14243623	CTS1;CTS1;CTS1;CTS1	0.280725	0.1182211	0.708348	-1.41174	0.2858809	0.729339	-1.3717	0.6446703	1.0992	1.0992	0.8401305	1.22027	1.22027	0.4344742	1.17388	1.17388		0.423313	0.848636	-1.18007	0.4456995	1.2202	1.2202	0.129054	0.4920213	0.807209	-1.15312	0.72782	0.999956	0.8187378	1.52782	0.999956	0.8187378	1
cg24170415	ACSL1	0.280727	0.177922	2.28338	2.28338	0.43101	1.58972	1.58972	0.509024	0.7625	-1.47162	0.818897	0.87615	-1.14136	0.2202082	0.475992	2.10088		0.204981	1.462403	2.16262	0.854382	0.899446	-1.11178	0.482056	1.50999	1.50999	0.0905505	1.41943	3.41943	1.52781	1.04804	4.68292	1
cg16362007	MFSD6	0.280732	0.777647	0.957075	-1.04485	0.0181614	1.55971	1.55971	0.193408	1.23772	1.23772	0.510098	0.9016538	-1.10909	0.326359	0.854675	-1.17004		0.779043	1.04455	1.04455	0.928398	0.9861668	-1.01403	0.791679	1.04188	1.04188	0.737261	0.9491159	-1.05356	1.52779	0.5813102	0.338092	1
cg12727018	LOC100272722	0.280733	0.0676326	0.779061	-1.28353	0.2197891	0.5611	1.18384	0.1307581	0.81782	1.223722	0.651192	0.7790302	-1.28372	0.4619952	0.7990304	-1.2513		0.321843	0.556644	-1.79606	0.2013	0.7904614	-1.26535	0.2417779	0.7928112	-1.26135	0.1042	0.6911978	-1.44703	1.52779	0.999956	0.8187378	1		
cg09494672	ZNF536	0.280748	0.364466	0.544756	-1.83569	0.293662	0.03463	2.03463	0.195601	2.66333	0.463073	0.570184	1.75106	0.0829962	0.286182	3.49427			0.258277	2.15729	2.15729	0.725057	0.7940454	-1.25881	0.252371	0.45872	-2.17998	0.7176593	1.789264	-1.267	1.52774	10.2796	5.981	1		
cg19519593	FGF7A	0.280749	0.8047574	1.126169	-1.11982	0.6068355	0.4414438	1.33776	0.1842006	0.6433	1.554511	0.6751597	1.485105	0.0784373	0.6751597	1.482153	0.6751597		0.1124572	0.548348	-1.82336	0.0179907	0.5062744	-1.97521	0.8388	0.9290901	-1.07636	0.1422888	0.5962274	-1.67693	1.52787	3.37	1.83771	1		
cg13132404	FHL3	0.280749	0.55959	0.874841	-1.14306	0.0966959	1.51176	1.51176	0.519485	1.1595	1.1595	0.787164	1.06325	1.06325	0.112264	0.675789	1.47975		0.0821052	1.54736	1.54736	0.602236	0.887655	-1.12656	0.675105	1.10025	1.10025	0.514118	0.860753	-1.16137	1.52774	1.24277	0.723082	1		
cg16017800	ARID1B;ARID1B;ARID1B	0.280751	0.473032	0.6985	-1.43158	0.145657	2.15547	2.15547	0.157742	0.473953	-2.10991	0.205841	0.5188951	-1.92717	0.840747	0.90583	-1.10396		0.52108	1.37677	1.37677	0.106733	2.37684	2.37684	0.313683	1.66905	1.66905	0.978914	1.01308	1.01308	1.52773	5.8473	3.40217	1		
cg09748317	EBF3	0.280756	0.3039977	0.7552	-1.32402	0.0509529	1.99758	1.99758	0.0752404	1.80864	-1.99758	0.0752404	1.80864	0.5535197	1.80864	0.5535197	1.80864		0.1349076	0.648447	-1.54096	0.852569	1.05119	1.05119	0.575877	1.16377	1.16377	0.172244	0.8577138	0.8577138	1.7423	1.03197	1			
cg16526673	C10orf81	0.280768	0.196633	0.455583	-2.19499	0.353509	0.5771	-1.7328	0.205839	0.463694	-2.1566	0.540241	0.69973	-1.42912	0.803675	1.15424	1.15424		0.4938899	0.670268	-1.49194	0.428052	0.6275138	-1.59353	0.01698118	0.1870346	-5.34629	0.132344	0.392488	-2.54785	1.52768	8.02374	4.66867	1		
cg03005687	PBDM14	0.280775	0.1613175	0.6144	-1.62744	0.0880183	0.459027	-2.46726	0.0338972	0.225871	-4.42731	0.2302227	0.1654875	-2.45048	0.2302227	0.728161	-1.37244		0.2167092	0.443392	-2.25534	0.0486061	0.627926	-1.41155	0.2602107	0.3774591	-2.64879	0.1145928	0.4775452	0.47542	-2.51342	1.52762	0.953631	0.5548598	1		
cg07199979	USF1;USF1	0.280786	0.208169	1.30141	1.30141	0.841529	0.961036	-1.04054	0.20108	0.764855	-1.30744	0.548166	0.8863552	-1.12822	0.4227521	1.17525	1.17525		0.3621158	2.03407	2.03407	0.0331196	0.6098835	-1.63979	0.797649	0.95027	-1.05233	0.978429	1.00538	1.00538	1.52762	0.9536631	0.5548598	1		
cg27533767	LOC728989	0.280789	0.139201	0.327834	-3.05033	0.037298	0.183829	-5.41983	0.146913	0.335936	-2.97676	0.387656	0.537628	-1.86002	0.127122	0.314708	-3.17755		0.160254	0.355245	-2.81496	0.175906	0.3648	-2.74123	0.194627	0.382348	-2.61542	0.799535	0.83668	-1.1952	1.52761	11.8797	6.91258	1		
cg09599451	SEMA5A	0.280792	0.8822364	1.013984	-1.01398	0.5363142	0.826412	-1.2105	0.1636848	0.585385	-1.70887	0.7981227	1.18114	1.18114	0.1427888	0.728281	-1.37244		0.4644621	1.12418	1.12418	0.8188068	1.7706	1.7706	0.0980665	1.01972	0.273124	0.706703	0.8196	0.8196	1.52761	0.4175	0.2354	1		
cg16596470	SMYD3;SMYD3 PAX3;PAX3;PAX3;PAX3;PAX3;CCDC140;	0.280792	0.496668	0.838424	-1.19271	0.86782	0.958359	-1.04345	0.743217	1.08757	1.087577	0.591613	0.87085	-1.1483	0.76120	1.09771	1.09771		0.6645305	1.69935	0.0291943	1.92746	1.92746	0.597212	0.872694	-1.14588	0.945096	0.9825067	-1.01774	1.5276	1.57754	0.917951	1			
cg27480727	PAX3;PAX3;PAX3	0.280799	0.0839913	4.85634	4.85634	0.0904998	0.214041	-4.67199	0.125517	0.254021	-3.93668	0.904694	1.10407	1.10407	0.183659	0.311657	-3.20866		0.798237	1.2358	1.2358	0.761311	0.777399	-1.28634	0.828873	0.836183	-1.19591	0.864272	1.15189	1.15189	1.52758	16.5266	9.61674	1		
cg25480121	PRDM16;PRDM16 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.280799	0.734085	0.908342	-1.10091	0.112079	1.62876	1.62876	0.030001	2.05392	2.05392	0.609275	1.15644	1.15644	0.902062	1.03532	1.03532		0.14436	1.55599	1.55599	0.191322	1.47707	1.47707	0.691244	0.8935548	-1.11913	0.404584	1.27182	1.27182	1.52758	1.92325	1.11913	1		
cg22588384	PRKAR1B;PRKAR1B	0.280806	0.694405	0.900345	-1.11068	0.138811	1.52747	1.52747	0.886544	0.962756	-1.03868	0.277485	0.740624	-1.35021	0.530734	0.844654	-1.18392		0.3138556	0.758111	-1.31907	0.0516644	1.80184	1.80184	0.272327	1.35495	1.35495	0.69329	1.11114	1.11114	1.52755	1.71	0.995055	1		
cg20876126	PNMA2;PNMA2	0.280808	0.111318	2.74314	2.74314	0.4107241	2.16017	2.16017	0.214601	2.145631	2.145631	0.131175	2.146611	2.146611	0.112158	0.653384	1.53025		0.6816917	1.122702	1.122702	0.313047	0.435881	4.35881	0.0195	0.2105817	4.748275	0.1992321	1.105041	1.105041	1.52753	2.8183	1.67075	1		
cg18752041	NCAM1;NCAM1	0.280812	0.605204	1.26574	1.26574	0.298515	0.614551	-1.62721	0.486655	1.37631	1.376311	0.477777	0.721687	-1.38564	0.0987795	0.441319	2.26593		0.0536863	3.37155	-2.69143	0.578443	0.7759558	-1.28873	0.979332	0.9883362	-1.01178	0.0885617	0.427829	-2.33738	1.52753	6.94055	2.87497	1		
cg06776907	TMCO2	0.280817	0.871536	1.14361	1.14361	0.389507	0.47581	-2.10168	0.255021	0.367459	-2.7214	0.306204	0.444155	-2.44615	0.2464125	0.378512	-2.64193		0.178675	0.300995	-3.32328	0.0266449	0.1082565	-9.14365	0.67976	0.704913	-1.41861	0.849371	1.17372	1.17372	1.52752	13.5933	9.30214	1		
cg14138964	PRKCZ;PRKCZ	0.280818	0.338274	0.74337	-1.34527	0.210349	0.809	-1.2469	0.1778	0.6163957	1.0778	0.1639577	1.176091	1.0778	0.1639577	1.176091	1.0778		0.2309133	1.553335	1.553335	0.162009	1.70571	1.70571	0.354216	1.40618	1.40618	0.839395	1.07527	1.07527	1.52751	3.09426	2.00361	1		
cg24747761	CRISP3	0.280821	0.507656	1.53262	1.53262	0.3268885	0.20489	-4.88066	0.166653	0.391893	-2.55171	0.832567	0.874162	-1.14995	0.3524138	0.675838	-1.47964		0.305795	1.9613	1.9613	0.334225	0.533162	-1.88266	0.032034	0.736023	-1.35865	0.186789	0.41107	-2.43265	1.5275	9.76314	5.6814	1		
cg16005564	TPCN2	0.280823	0.799461	1.032134	-1.03215	0.5599	0.8369	-1.19504	0.2555	0.7395	-1.35207	0.490748	0.9947171	-1.00505	0.9947171	1.00505	0.9947171		0.0601109	1.574897	1.574897	0.0407244	0.4417317	4.417317	0.0107132	0.6586	1.51857	0.52747	0.6584	1.51857	0.52747	0.6584	1.51857	1.52747	0.6584	1.51857	1.52747	0.6584	1.51857	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25261764	NARS;NARS	0.281155	0.041268	0.503428	-1.99033	0.212605	1.46786	0.146786	0.902352	0.964751	1.03654	0.744897	1.00016	0.889129	0.96004	0.104162	0.587035	0.851859	-1.1739	0.551597	1.19256	0.191096	1.43164	0.143164	0.163074	1.54538	0.154538	1.52641	2.06638	1.20333	1
cg18068256	KRT37	0.281157	0.645363	1.47239	1.47239	0.813107	0.826816	-1.2186	0.27373	0.386385	-2.58809	0.667329	1.43478	0.1543838	0.160778	-6.21975	0.276902	2.57065	2.57065	0.307255	0.413781	-2.42674	0.0761529	0.192534	-5.1939	0.73333	0.751628	-1.130645	1.62546	16.8508	9.81289	1
cg11347822	LOC728613	0.28117	0.0513605	4.0168	4.0168	0.553092	1.46251	1.46251	0.342104	1.85924	1.85924	0.627974	1.36258	1.36258	0.519756	0.661375	-1.512	0.633821	1.35534	1.35534	0.889734	0.915864	-1.09187	0.0285236	5.14154	5.14154	0.790834	0.845001	-1.18343	1.52636	9.70387	5.65112	1
cg27084232	DDF3L2	0.28173	0.1009207	0.139914	-7.14723	0.690584	1.54962	1.54962	0.741296	0.695801	-1.43719	0.897013	1.35231	1.35231	0.172951	0.204405	-4.89225	0.375612	0.36955	-2.706	0.0316397	0.0833983	-15.7733	0.270414	0.284716	-3.51227	0.176122	0.2071	-4.8286	1.52635	28.9721	16.8722	1
cg11245431	GMCL1	0.281177	0.272099	1.22288	1.22288	0.6630029	0.689599	-1.45012	0.527501	1.11983	1.11983	0.800331	0.956374	-1.04562	0.163366	0.768545	-1.30116	0.445778	1.466	1.1466	0.20273	1.26705	0.394485	0.857694	-1.16592	0.933604	0.985044	-1.01477	1.52634	0.748888	0.436127	1
cg18299950	TMEM84A	0.281179	0.883859	0.915519	-1.09228	0.256328	0.48897	-2.04511	0.40029	0.594581	-1.68186	0.0848151	0.316366	-1.6309	0.114832	0.350575	-2.81631	0.572681	0.708788	-1.41086	0.177741	2.37463	2.37463	0.683714	1.28061	1.28061	0.327197	1.84182	1.84182	1.52634	8.81423	5.13313	1
cg10056706	TMEM120B	0.281181	0.020122	0.181233	-5.51775	0.985377	0.988897	-1.01123	0.895888	0.923337	-1.08303	0.966107	0.974446	-1.02622	0.882684	0.913968	-1.09413	0.239865	0.47248	-2.11649	0.126452	0.365239	-2.73794	0.316884	0.5324	-1.87829	0.449531	1.59913	1.59913	1.52633	8.97218	5.22513	1
cg15235832	ARC;ARC	0.281183	0.311943	1.36567	1.36567	0.929351	0.979926	-1.02677	0.857227	0.947762	-1.05512	0.916619	0.752509	-1.33889	0.417733	1.25962	1.25962	0.657496	1.14218	1.14218	0.106108	0.168477	1.68479	1.68479	0.139259	1.62965	1.62965	0.0405906	2.02277	2.02277	1.52632	2.1457	1.2496	1
ch.14.47144F	FAM179B	0.281184	0.0562775	0.740487	-1.34393	0.142135	0.805894	-1.24086	0.0286419	0.702544	-1.4234	0.595121	0.929278	1.0761	0.616172	1.07156	1.07156	0.638317	0.937307	-1.06689	0.762265	0.95936	-1.04236	0.452929	0.900722	-1.11022	0.708433	0.949926	-1.05271	1.52632	0.452047	0.263261	1
cg24371075	MYH10	0.281193	0.500533	0.786405	-1.27161	0.382447	0.729968	-1.36992	0.0942147	1.90894	1.90894	0.132006	0.564802	-1.77053	0.659883	0.855882	-1.16839	0.738976	1.12469	1.12469	0.262671	1.5074	1.5074	0.131306	0.564125	-1.77266	0.562275	0.83193	-1.22861	1.52629	2.98501	1.73843	1
cg17583077	NRCAM;NRCAM	0.281198	0.983811	1.01667	1.01667	0.930448	1.86315	1.86315	0.0178955	1.2457	1.2457	0.667879	1.33044	1.33044	0.439731	0.304348	-3.16017	0.590566	1.41827	1.41827	0.2801	0.567205	1.15004	1.15004	0.127227	0.90201	0.90201	0.0253	1.15044	1.15044	1.52627	10.0025	6.82535	1
cg08525176	FCHO1;FCHO1	0.281221	0.0545884	0.538389	-1.85739	0.918228	0.97147	-1.02937	0.662094	1.133	1.133	0.362482	1.30444	1.30444	0.153034	0.101785	1.01785	0.86931	0.954318	-1.04787	0.306894	0.500488	-1.99805	0.794788	1.07682	1.07682	0.684676	1.12292	1.12292	1.52623	1.94889	1.13511	1
cg24709670	IFT122;IFT122;IFT122;MIR4[…]	0.281212	0.22319	0.53387	-1.87657	0.90549	0.944674	-1.05969	0.4014469	0.529289	-1.52289	0.179612	0.871997	-1.14679	0.912421	1.05517	1.05517	0.288726	1.17036	1.17036	0.341823	0.547543	-1.82601	0.346941	1.81295	1.81295	0.050535	0.82864	-1.04284	1.54679	5.81621	2.87258	1
cg27429560	AVPR2;AVPR2;AVPR2	0.281212	0.729803	1.25388	1.25388	0.365182	1.83514	1.83514	0.151197	2.60086	2.60086	0.108798	0.31942	-3.13067	0.0887876	0.293791	-3.40378	0.521696	1.5277	1.5277	0.962174	0.969528	-1.03143	0.555151	0.677436	-1.47615	0.297775	0.494454	-2.02243	1.52623	10.2917	5.99398	1
cg07269125	COIC1C	0.281212	0.276418	0.827665	-1.20822	0.210481	0.802147	-1.24655	0.324817	1.37683	1.37683	0.447896	1.13795	1.13795	0.0944727	0.0850135	-11.7683	0.410924	1.15083	1.15083	0.084799	0.137493	2.37409	0.135062	0.851723	-1.17494	0.655362	0.927692	-1.07794	1.52623	0.674735	0.392672	1
cg14785568	SPIS4	0.281215	0.499824	0.8955	-1.11643	0.703655	0.916175	1.01075	-1.74167	1.07075	1.07075	0.115973	0.739147	1.35348	0.0975615	0.0525339	-19.0548	0.994487	1.09876	1.09876	0.100143	0.302571	3.30421	0.0258787	0.79021	1.7901	1.7901	0.372786	1.22509	1.22509	1.52622	1.18999	0.693066	1
cg25758137	ALCAM	0.281216	0.229777	0.413325	-2.4194	0.0543537	0.216367	-4.62179	0.0805177	0.256874	-3.89295	0.539761	0.647089	-1.54538	0.45015	0.583019	-1.71521	0.371902	0.525816	-1.90181	0.122713	0.309547	-3.23053	0.904936	1.08738	1.08738	0.393854	1.84481	1.84481	1.52621	11.8834	6.92106	1
cg21540950	AHSA1;AHSA1	0.281216	0.265483	0.58266	-1.71568	0.4244	1.57101	1.57101	0.259317	1.73985	1.73985	0.170954	1.73985	1.73985	0.0139005	0.0220222	-45.3994	0.429628	0.686665	-1.45631	0.664601	1.22555	1.22555	0.123754	0.459669	-2.17548	0.754037	1.15783	1.15783	1.52621	5.25454	3.06012	1
cg18832447	CI3QTNF9	0.281225	0.0348076	0.196306	-5.09137	0.500367	0.666115	-1.50124	0.149271	0.399124	-2.50549	0.819215	0.4145	0.0513408	0.0437774	-22.8435	0.580399	1.39325	1.39325	0.0594849	0.282682	-3.53754	0.0647995	0.0454504	0.761055	-1.31397	0.450456	0.613358	-1.57889	1.52618	8.52707	4.96639	1
cg27500838	CBG;FBXW5	0.281226	0.479345	0.943839	-1.0595	0.974333	1.00259	1.00259	0.173133	1.12357	1.12357	0.405661	1.07077	1.07077	0.677848	0.96698	-1.03415	0.102864	0.866377	-1.15423	0.422815	0.936312	-1.06802	0.900099	0.989956	-1.01015	0.0663516	1.18	1.18	1.52618	0.156161	0.0909524	1
cg01804844	TSH2L	0.281229	0.921222	0.972287	-1.02805	0.440796	1.03505	-1.03505	0.222072	1.43994	1.43994	0.413723	0.799512	1.25062	0.0455107	0.473606	1.33802	1.13802	0.878	0.878	0.0599372	1.84982	1.84982	0.0292219	0.859077	1.84982	1.84982	0.0290014	0.857131	1.13638	1.52617	1.9511	1.13638	1
cg04490714	SLC6A2;SLC6A2	0.281229	0.27043	1.24613	1.24613	0.993958	0.100145	1.00145	0.0632222	1.49277	1.49277	0.272104	1.24509	0.626801	1.09852	1.09852	0.215142	1.28428	1.28428	0.151995	0.745066	-1.34216	0.304027	1.22645	1.22645	0.180659	1.31335	1.31335	1.52617	0.88879	0.517659	1
cg08487102	GPHC5C;GPHC5C	0.281233	0.1627	0.44767	-2.2359	0.240997	0.215509	-4.64111	0.0966	0.189199	5.28308	0.0655664	0.415108	0.0885272	0.262169	-3.81369	0.0756587	0.731	0.731	0.0838838	0.462696	-2.16125	0.0638037	0.0395874	-2.52605	0.198164	0.55934	-1.78808	1.52617	0.79734	0.442625	1
cg26318252	LPP;LPP;LPP	0.281233	0.188212	0.712421	-1.40366	0.779555	0.934038	-1.07062	0.435162	0.823963	-1.21365	0.295941	1.30155	1.30155	0.027974	0.531832	1.88029	0.187263	0.71184	1.40481	0.492234	0.843984	-1.18486	0.777524	0.07132	1.07132	0.303726	0.771787	1.29569	1.52616	1.42946	0.832566	1
cg08200856	ZFP41	0.281235	0.268543	1.2463	1.2463	0.194783	1.29959	1.29959	0.165786	0.816605	-1.22458	0.0701379	0.679201	-1.47232	0.980229	1.00475	1.00475	0.0937133	0.703152	-1.42217	0.952574	0.901944	-1.10872	0.881619	0.97193	-1.02888	1.52615	0.882377	0.53193	1
cg13857186	CNOT6;CNOT6	0.281237	0.342607	1.27486	1.27486	0.29959	1.29959	1.29959	0.165786	0.816761	1.52309	0.1309	0.957421	-1.04448	0.0955704	0.992222	-1.00778	0.797487	1.07605	1.07605	0.0626	0.0984573	2.98025	0.0230508	0.724523	1.32222	1.32222	0.147545	1.52615	0.680036	0.477706	0.292966	1
cg10213924	LPP83	0.281238	?	?	?	0.266969	0.599566	-1.66787	?	?	?	0.106822	0.458972	-2.17878	0.358966	1.51773	1.51773	?	?	0.595146	1.26773	1.26773	0.3606088	1.515245	1.515245	1.52614	1.52592	2.63889	2.75436	1
cg04134651	GAUNTL6;GAUNTL6	0.281246	0.0587041	0.694811	-1.43934	0.828552	0.93742	1.69742	0.181045	1.72398	1.72398	0.0582819	0.694286	-1.44033	0.901755	0.107403	-9.31228	0.671433	0.929829	-1.07547	0.788591	0.955207	-1.04689	0.639705	0.84312	1.18566	0.755202	1.10469	1.10469	1.52612	0.707263	0.409326	1
cg18167340	DMAP1;DMAP1;DMAP1	0.281247	0.316921	0.806928	-1.23927	0.335005	1.22894	1.22894	0.442251	1.1764	1.1764	0.729431	0.930536	-1.07465	0.627229	0.903507	-1.1068	0.0561464	0.688585	-1.56596	0.0739381	0.616178	1.62311	0.0389106	0.971487	1.02935	1.52611	1.03913	0.605243	1
cg24526587	PBX1	0.281248	0.406359	1.35201	1.35201	0.667222	0.482756	-2.07144	0.149717	0.57736	-1.73202	0.52118	1.25899	1.25899	0.989099	0.995161	-1.00486	0.484393	1.28698	1.28698	0.126214	1.79934	1.79934	0.750747	0.893016	-1.1198	0.465637	1.30164	1.30164	1.52611	3.04693	1.7747	1
cg15751667	GPATCH1	0.281254	0.1801454	0.560131	-1.78525	0.372896	0.732896	-1.36458	0.0732158	0.682452	-1.46532	0.0885826	0.682452	-1.46532	0.0885826	0.0892493	-11.2062	0.566115	0.600178	-1.66592	0.0403145	0.0911302	-10.9722	0.0403145	0.13498	1.17498	0.152229	0.0908201	0.1634	1.52611	0.0601487	0.0403926	1
cg21758133	FOXP1	0.281252	0.768461	0.882189	-1.13354	0.0250661	0.32249	-3.10087	0.0627919	0.411093	-2.43254	0.612648	0.8051	-1.24208	0.174826	0.541845	-1.84555	0.597318	0.797428	-1.25403	0.134601	0.5041	-1.98373	0.437461	0.71439	-1.3998	0.543548	0.770223	1.29833	1.5261	4.35772	2.53819	1
cg05729908	TAOK3	0.281254	0.628875	1.59033	1.59033	0.240997	0.215509	-4.64111	0.0966	0.189199	5.28308	0.0655664	0.415108	0.0885272	0.262169	-3.81369	0.0756587	0.731	0.731	0.0838838	0.462696	-2.16125	0.0638037	0.0395874	-2.52605	0.198164	0.55934	-1.78808	1.52617	0.79734	0.442625	1
cg07753967	FRG1B	0.281264	0.651943	0.593771	-1.68415	0.968552	1.0463	1.0463	0.534821	2.05769	2.05769	0.425192	2.54688	2.54688	0.958606	0.942155	-1.0614	0.759577	1.103606	-9.65198	0.104077	0.130017	-7.69128	0.0962848	0.13738	8.13738	0.998435	1.00225	1.00225	1.52606	31.852	18.553	1
cg10191240	WISP1;WISP1	0.281266	0.542422	0.689161	-1.45111	0.294595	0.518731	-1.92778	0.0929962	0.326812	-3.05986	0.0966215	0.332413	-3.0083	0.79032	1.17458	1.17458	0.342405	1.80517	1.80517	0.168554	0.412343	-2.42517	0.172248	0.415904	-2.4044	0.184653	0.427594	-2.33867	0.605265	0.881206	0.533281	1
cg25596405	KIF13B	0.281271	0.536389	0.861253	-1.16089	0.723955	0.963663	1.03787	-1.36983	0.9574	0.9574	0.0444	0.6	-1.66667	0.0555	0.0428	-23.3645	0.6	0.6	0.0444	0.6	0.6	0.6	0.0444	0.6	0.6	0.6	0.0444	0.6	0.6	0.6	0.0444	0.6	1
cg06615445	SRCIN1	0.281277	0.23354	0.674716	-1.4821	0.279345	0.701661	-1.42519	0.620479	0.854494	-1.17028	0.427145	0.794225	-1.25909	0.576615	0.837158	-1.19446	0.132028	0.599235	-1.66879	0.0579351	0.509014	-1.96458	0.0261288	0.435435	-2.29655	0.391012	0.75815	-1.319	1.52601	2.3985	1.39711	1
cg05809586	KIFAP3?-1	0.281284	0.0588238	0.336144	0.570464	1.64165	1.64165	0.148192	0.65508	1.65508	0.117563	4.1386	4.1386	0.256101	0.37136	-2.69281	0.879279	1.1542	1.1542	0.587082	1.58122	0.152562	3.50794	0.281775	2.54645	0.1656	16.8756	0.842984	1
cg05602439	CREM;CREM	0.281283	0.505671	0.830207	-1.20452	0.219407	0.700584	-1.42738	0.350093	0.767602	-1.30376	0.119128	0.905288	-1.10462	0.529648	1.1037	1.19177	0.552441	0.847386	-1.1801	0.0226775	0.12056	2.10256	0.818959	1.06521	1.06521	0.65288	0.5382	1.04724	-1.13286	1.526	1.83477	1.06875	1
cg10408899	RNMT1;GLOD4	0.281286	0.867347	0.957103	-1.04477	0.861423	1.07876	-1.04678	0.705688	1.10438	1.10438	0.310621	1.31502	1.31502	0.0844153	0.0996498	-10.0407	0.432325	0.810795	-1.23356	0.314655	0.47337	-2.11251	0.0916497	0.964962	-1.03631	0.238666	1.3812	1.3812	1.52599	3.60507	0.964082	1
cg13613456	C10orf111;NEBL	0.281289	0.228188	0.487701	-2.05309	0.239871	0.496626	-2.01359	0.27439	0.523711	-1.90945	0.836396	1.1248	1.1248	0.156156	0.417125	-2.39736	0.311133	0.551021	-1.81481	0.0520075	0.284433	-3.51576	0.0460916	0.274241	-3.64642	0.793573	0.861442	-1.16084	1.52597	1.81736	4.55366	1
cg23719367	LONRF1	0.281289	0.628857	1.59033	1.59033	0.240997	0.215509	-4.64111	0.0966	0.189199	5.28308	0.0655664	0.415108	0.0885272	0.262169	-3.81369	0.0756587	0.731	0.731	0.0838838	0.462696	-2.16125	0.0638037	0.0395874	-2.52605	0.198164	0.55934	-1.78808	1.52617	0.79734	0.442625	1
cg24345338	RCAN2	0.281299	0.338675	2.13289	2.13289	0.359416	2.06212	2.06212	0.815995	0.836082	-1.19605	0.0537274	5.37811	5.37811	0.147904	0.303528	-3.29459	0.90252	1.09868	1.09868	0.544669	1.60142	1.60142	0.0989166	4.01307	4.01307	0.841314	0.857303	-1.16645	1.52594	14.2562	8.3045	1
cg19498498	MGC27053	0.281302	0.13532	0.739305	-1.35279	0.657887	0.914486	-1.07011	0.278183	0.787291	-1.27018	0.291967	0.864844	-1.15639	0.757817	0.94815	-1.05465	0.320863	1.18722	0.842571	0.119437	0.0911	-10.9749	0.0403612	0.191291	5.22731	0.0403612	0.14543	-1.1856	1.52592	0.558642	0.321419	1
cg00417291	CSMD3;CSMD3;CSMD3;CSMD3	0.281303	0.1649498	0.602564	-1.66033	0.145823	1.79344	1.79344	0.0811026	0.644979	0.893352	0.651872	0.572656	-1.74625	0.0965915	0.00371	269.4	0.114314	0.70284	-1.42283	0.0178	0.183023	5.45	0.0178	0.183023	5.45	0.0178	0.13014	1.13014	0.18208	0.866706	1.65309	0.643	1
cg24588482	VANGL2	0.281303	0.223527	1.39236	1.39236	0.0978657	0.624996	-1.60001	0.389983	0.796126	-1.25608	0.582796	0.866248	-1.1544	0.917594	1.02715	1.02715	0.294933	1.32463	1.32463	0.117336	0.643868	-1.55311	0.22844	1.38704	1.38704	0.937652	0.979956	-1.02045	1.52593	1.61896	0.943078	1
cg23719287	BRPF3	0.281309	0.864448	1.06552	1.06552	0.844552	0.986486	-1.07563	0.663	0.974083	1.10627	1.10627	0.0828644	0.0866211	0.0866211	0.0866211	-11.5454	0.669179	0.852455	-1.17339	0.760934	0.964209	-1.03674	0.313806	0.971823	-1.03079	0.31663	1.14888	1.14888	1.52591	3.1353	1.94188	1
cg17594724	DCLK2;DCLK2	0.281318	0.484138	0.848416	-2.04744	0.960345	0.968486	-1.03254	0.478557	1.59045	1.59045	0.925225	1.06232	1.06232	0.0220222	0.170527	-5.86417	0.362222	0.549992	-1.81821	0.158484	0.378768	-2.64014	0.570151	1.44712	1.44712	0.413213	0.583478	-1.71386	1.52591	10.0236	5.83903	1
cg10204522	SAMD11;SAMD13;SAMD13	0.281313	0.468375	1.64064	1.64064	0.125055	0.3753	0.3753	0.103274	3.33467	3.33467	0.211856	2.43235	2.43235	0.0763829	0.0763829	-13.0972	0.198537	2.35826	2.35826	0.0178	0.0178	5.51823	0.0178	0.0178	5.51823	0.0178	0.13095	1.13095	0.17068	0.526959	0.11887	0.64707	1
cg15584992	GRM4	0.281319	0.3042295	-2.91928	-1.08786	0.208868	0.20972	-4.76972	0.20972	0.24108	-4.14908	0.0148	0.24108	0.0148	0.0148	0.0148	-67.5676	0.389963	1.82581	1.82581	0.0797455	0.11098	9.01098	0.0794976	0.11099	9.01099	0.904236	0.10919	0.89791	1.52589	1.68445	0.89988	1
cg11595196	RRAGC	0.281318	0.55666	0.841358	-1.18856	0.634723	0.870175	-1.14919	0.567087	0.845274	-1.18305	0.855753	0.95429	1.05429	0.0728373	0.72916	1.72916	0.0727121	0.558424	-1.78915	0.122288	0.614723	-1.62675	0.894693	1.03923	1.03923	0.451798	1.24949	1.24949	1.52588	2.04022	1.18851	1
cg10876076	EPDR1	0.281319	0.724779	1.39021	1.39021	0.170553	0.61607	-1.62307	0.624307	1.18831	1.18831	0.313586	1.31056	1.31056	0.0731208	0.0731208	-13.6802	0.593985	1.51975	1.51975	0.337652	0.463516	-2.15742	0.595836	0.659413	-1.5165	0.176282	0.326819	-3.0598	1.52587	14.6233	8.51873	1
cg12601641	LOK1;FLVCR1;LOK1	0.281321	0.567952	0.911151	-1.09715	0.0184005	0.644208	-1.55229	0.824861	0.966498	-1.03466	0.163108	0.795425	-1.25719	0.981156	0.996183	-1.00383	0.51038	1.10811	1.10811	0.610489	0.818218	1.08218	0.158317	0.848746	-1.17821	0.646485	1.10647	1.10647	1.52583	0.57123	0.332776	1
cg16184547	LOC440354	0.281324	0.942219	0.975883	-1.02471	0.315445	2.33777	2.33777	0.0982059	1.84201	1.84201	0.159942	1.65811	1.65811	0.695424	0.875893	-1.14169	0.712173	1.13293	1.13293	0.72515	1.46575	1.46575	0.328095	1.40491	1.40491	0.666206	1.86402	-1.15738	1.52583	2.74102	1.59681	1
cg27547812	PDIK1L;PDIK1L;PDIK1L	0.281336	0.902988	1.02889	1.02889	0.0960556	0.652554	-1.53244	0.107551	0.663527	-1.5071	0.834977	0.952448	-1.04993	0.60272	1.13048	1.13048	0.591859	1.13474	1.13474	0.0418696	0.578259	-1.72933	0.289128	0.77338	-1.29303	0.735017	0.923726	-1.08257	1.52582	1.31812	0.767887	1
cg18191087	ZHX2	0.281338	0.297827	1.53462	1.53462	0.0978657	0.624996	-1.60001	0.389983	0.796126	-1.25608	0.582796	0.866248	-1.1544	0.917594	1.02715	1.02715	0.294933	1.32463	1.32463	0.117336	0.643868	-1.55311	0.22844	1.38704	1.38704	0.937652	0.979956	-1.02045	1.52593	1.61896	0.943078	1
cg13157483	PKNOX2	0.28134	0.171727	0.392095	-2.5504	0.802554	0.174955	-1.17495	0.740641	1.23832	1.23832	0.584379	1.42684	1.42684	0.19001	0.40934	-2.44296	0.662768	0.84725	-1.84725	0.365789	0.54094	-1.81838	0.625452	1.37242	1.37242	0.215249	0.431962	-2.31502	1.52581	10.007	5.82978	1
cg25177841	ARSK;TTC37	0.281341	0.1833	0.545455	-1.83333	0.40823	0.161616	-6.18812	0.0556	0.181556	-5.50825	0.3715	0.3715	0.103274	3.33467	0.211856	2.43235	2.43235	0.0763829	0.0763829	-13.0972	0.198537	2.35826	2.35826	0.0178	0.0178	5.51823	0.0178	0.13095	1.13095	0.17068	0.526959	0.11887	0.64707	1
cg18770925	LSAMP	0.281352	0.163485	0.360514	-2.77382	0.742123	1.25423	1.25423	0.695311	1.31	1.31	0.69084	0.760145	-1.31554	0.171404	0.368266	-2.71543	0.321288	0.495116	-2.01973	0.0178405	0.138685	-7.21058	0.446009	0.586893	-1.70389	0.525619	0.63425	-1.55461	1.52577	11.3725	6.62546	1
cg10775056	NFRKB	0.281353	?	?	?	?	?	?	?	?	?	0.0350487	0.34908	-2.86407	0.34908	0.34908	?	0.880869	1.00392	1.00392	0.486496	1.52688	1.52688	0.260382	2.01914	2.01914	0.511659	1.48945	1.48945	1.5325	4.83101	0.04381	1
cg23950001	ZNF134	0.281353	0.725244	0.901875	-1.1088	0.682226	1.75685	1.75685	0.0540504	1.92043	1.92043	0.165162	1.70554	1.70554	0.0512132	0.156852	-5.16852	0.732943	1.10547	1.10547	0.477552	0.809485	-1.23535	0.977831	1.08017	1.08017	0.385073	0.770776	-0.54	1.29739	1.5277	2.07012	1.20402	1
cg03652390	EPS8	0.281353	0.496433	0.625952	-1.59757	0.203097	0.400115	-2.49928	0.163507	0.364628	-2.74252	0.703823	1.2958	1.2958	0.977256	0.980845	-1.01953	0.281808	0.468218	-2.13576	0.582764	0.68633	-1.45703	0.0521885	0.47402	0.47402	0.414168	1.76177	1.76177	1.52577	11.1222	6.47963	1
cg07028241	EGFL8	0.281353	0.763872	1.53462	1.53462	0.0978657	0.624996	-1.60001	0.389983	0.796126	-1.25608	0.582796	0.866248	-1.1544	0.917594	1.02715	1.02715	0.294933	1.32463	1.32463	0.117336	0.643868	-1.55311	0.22844	1.38704	1.38704	0.937652	0.979956	-1.02045	1.52593	1.61896	0.943078	1
cg01209560	LOC157381	0.281363	0.171001	0.411494	-2.43017	0.0367811	0.228164	-4.3828	0.375574	0.574672	-1.74012	0.766034	1.19935	1.19935	0.0731593	0.316954	-3.15503	0.297188	0.517699	-1.93162	0.341767

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(1057 vs. N)	Fold-Change(1-vs-1057)	p-value(1111 vs. N)	Fold-Change(1-vs-1111)	p-value(1127 vs. N)	Fold-Change(1-vs-1127)	p-value(1217 vs. N)	Fold-Change(1-vs-1217)	p-value(1247 vs. N)	Fold-Change(1-vs-1247)	p-value(1477 vs. N)	Fold-Change(1-vs-1477)	p-value(1537 vs. N)	Fold-Change(1-vs-1537)	p-value(5377 vs. N)	Fold-Change(1-vs-5377)	p-value(5637 vs. N)	Fold-Change(1-vs-5637)	F(Error
cg26061098	LOC729082	0.28162	0.140985	1.6224	0.16224	1.385034	0.13183	1.31383	0.0724375	1.84527	1.84527	0.220864	0.46066	1.46066	0.2439987	1.45142	1.45142	0.323779	1.30541	1.30541	0.446535	0.788891	1.2676	0.2474452	0.6910331	1.447711	0.895778	0.960737	0.140487	1.5249	2.25582	1.31496	1
cg06151964	HPN;HPN;HPN;HPN	0.28162	0.868096	1.07351	1.07351	0.273185	0.613459	1.6301	0.339201	0.656785	1.52257	0.47631	1.36216	1.36216	0.0712792	0.423277	2.36252	0.791942	1.11943	1.11943	0.320587	1.54956	1.545956	0.105077	1.22932	1.22932	0.501813	1.33764	1.33764	1.52489	4.39832	2.56387	1
cg13841627	TMC1	0.28162	0.332728	1.56133	1.56133	0.569295	1.29234	1.29234	0.618509	1.25087	1.25087	0.314883	1.58946	1.58946	0.130218	0.482497	2.072555	0.678685	0.830485	1.20412	0.300144	1.61406	1.61406	0.0613137	2.56019	2.56019	0.151926	1.98262	1.98262	1.52488	4.80153	2.79802	1
cg09744442	HK2	0.28163	0.534607	0.856701	1.167727	0.213663	0.72355	1.38208	0.0442564	0.563125	1.77581	0.919024	0.52532	1.02532	0.697785	0.908405	1.10072	0.244464	1.3491	1.3491	0.103345	0.645238	1.54982	0.381165	0.8807795	1.2472	0.285635	0.761302	1.31354	1.52486	1.60363	0.85145	1
cg05200610	TBC1D15	0.28163	0.35943	0.757579	-1.31999	0.616418	0.861736	-1.16045	0.947514	0.98079	-1.01959	0.448629	0.796515	-1.25547	0.604918	0.857473	-1.16622	0.430663	0.788997	-1.26743	0.0896422	0.576194	-1.73553	0.0392433	2.0195	2.0195	0.695799	1.122574	1.122574	1.52485	2.09645	1.22209	1
cg05788089	ADPRHL1;ADPRHL1	0.28163	0.979243	1.01468	1.01468	0.222106	0.48729	-2.05217	0.279435	0.532608	-1.87755	0.686802	1.25494	1.25494	0.0235101	0.219653	-4.55263	0.500596	0.681798	-1.46671	0.667438	0.784925	-1.27401	0.150944	0.422189	-2.36861	0.13165	0.401819	-2.48868	1.52484	7.57993	4.41864	1
cg27241207	UCMA	0.28163	0.762925	0.839238	-1.19156	0.84559	1.12292	1.12292	0.275904	0.558599	-1.92827	0.552003	1.41706	1.41706	0.0271058	0.219666	-4.54326	0.727081	1.22506	1.22506	0.113471	2.55412	2.555412	0.835699	1.12788	1.12788	0.559667	0.710536	-1.40739	1.52482	8.10523	4.72491	1
cg03137508	STAT3;STAT3;STAT3	0.28163	0.128368	0.765485	1.30636	0.521932	1.1413	1.1413	0.51201	1.1142	1.1142	0.17731	0.7902046	1.26255	0.3678	1.16252	1.16252	0.483959	1.12261	1.12261	0.873549	1.02624	1.026244	0.0587121	1.41509	1.41509	0.489709	1.12086	1.12086	1.52479	0.6384442	0.372185	1
cg17332705	AFAP1;AFAP1;LOC84740	0.28163	0.285181	0.468655	-2.13376	0.266708	2.2035	2.2035	0.520392	1.5602	1.5602	0.712811	1.28712	1.28712	0.0476206	0.212986	-4.69515	0.392799	0.550088	-1.81789	0.115228	0.310613	-3.21944	0.466321	0.6028329	-1.65885	0.419324	0.569291	-1.75657	1.52477	11.2563	6.56201	1
cg02890102	ANTXR2;ANTXR2;ANTXR2;ANTXR2	0.28163	0.257914	1.1966	1.1966	0.258202	0.19509	1.24081	0.0188807	0.979336	-1.0211	0.55149	0.8802525	1.13132	0.440994	1.04955	1.17458	0.193442	1.32553	1.32553	0.137471	0.726565	-1.38761	0.0940479	0.4658305	-1.45793	0.224085	0.770289	-1.29821	1.52477	1.01175	0.5909399	1
cg07007882	C1orf93	0.28161	0.384238	1.22191	1.22191	0.6547857	1.59347	0.496488	1.16778	1.692723	1.16778	0.932703	0.959072	-1.06839	0.597661	0.894444	-1.11802	0.0654622	0.648522	-1.54197	0.2256122	0.706435	-1.30542	0.0478808	0.6326354	-1.60603	0.149803	0.6489931	-1.44942	0.2679551	0.78617	1.272361	1.52476	1.02938	0.617586	1
cg26593194	FGF13;FGF13;FGF13;FGF13;FGF13	0.28162	0.405559	0.699037	-1.43054	0.0183997	0.300157	-3.33159	0.261505	0.610981	-1.63671	0.696536	0.84797	-1.17929	0.0779581	0.908413	-1.27991	0.358436	0.672101	-1.48787	0.99965	1.00018	1.00018	0.677869	0.8388822	-1.19215	0.763636	1.3353	1.1353	1.52476	4.27538	2.49242	1
cg03133387	DTX1	0.28171	0.181667	1.7013	1.7013	0.25607	0.641792	-1.55814	0.26191	0.644384	-1.55187	0.388476	1.39273	1.39273	0.0132003	0.18787	-5.3187	0.202372	1.65609	1.65609	0.26431	1.5434	1.5434	0.303829	1.49056	1.49056	0.670964	0.852006	-1.1737	1.52473	3.39222	1.9776	1
cg19207551	TN08 LOC404266;HOXB5;LOC404266;LOC404	0.28177	0.0806021	2.01003	-1.62895	0.0729079	1.20481	1.55555	0.472834	0.575272	-1.73695	0.683734	1.36794	1.36794	0.0612752	0.507115	-1.76331	0.0944065	1.61124	1.61124	0.0649078	0.640239	-4.09771	0.1407053	0.3107	-3.21471	0.759746	0.79299	-1.26105	1.52471	15.8308	8.04987	1
cg00609402	266;LOC404266	0.28177	0.54542	0.795582	-1.25694	0.111871	1.90982	1.90982	0.296749	1.49823	1.49823	0.740335	0.883125	-1.13234	0.0692948	0.467933	-2.13706	0.820708	1.08853	1.08853	0.12567	0.538317	-1.85764	0.740848	1.13205	1.13205	0.997948	0.999039	-1.00096	1.52471	3.37236	1.96505	1
cg08545160	NDUFS2;NDUFS2;ADAMTS4	0.28179	0.112953	0.470582	-2.12503	0.839474	1.09266	1.09266	0.729657	0.859354	-1.16367	0.643612	0.815823	-1.22576	0.541188	1.30968	1.30968	0.779551	0.884514	-1.13056	0.758663	0.874026	-1.14413	0.0210429	3.36209	3.36209	0.979372	0.988767	-1.01136	1.52471	4.60979	2.68746	1
cg17315940	TRRAP	0.28184	0.729232	1.13151	1.13151	0.395939	0.734107	-1.3622	0.836977	0.929363	-1.07601	0.130458	1.78732	1.78732	0.686099	1.11542	1.11542	0.159744	1.70599	1.70599	0.0261775	2.55477	2.55477	0.306128	1.45752	1.45752	0.647699	1.17773	1.17773	1.52469	3.05273	1.77973	1
cg02861781	GIB2	0.28191	0.994863	1.01056	1.01056	0.138404	1.14713	1.14713	0.481498	1.20479	1.20479	0.377409	0.78986	1.26605	0.4443025	0.905355	1.10453	0.771508	1.07874	1.07874	0.777496	1.08766	1.08766	0.0409075	1.84867	1.84867	0.0892717	1.62894	1.62894	1.52467	1.63738	0.954602	1
cg22048274	EHMT2;EHMT2	0.28197	0.443018	1.22769	1.22769	0.561555	0.857316	-1.16643	0.584813	0.570826	-1.75184	0.409204	0.799871	-1.2502	0.054137	0.563692	-1.77402	0.861722	1.04679	1.04679	0.307273	0.630614	-1.58576	0.985057	0.9951	-1.00492	0.685198	0.898626	-1.11281	1.52465	1.66098	0.963876	1
cg12850695	PRPSAP2	0.28193	0.63293	1.09209	1.09209	0.0768684	1.17387	1.17387	0.0618385	1.137	1.137	0.0753	0.7102048	1.32834	0.2075353	0.755485	-1.32393	0.0605955	1.4449	1.4449	0.0481	0.183514	1.77619	-1.28845	0.0228423	0.8319153	1.25972	0.1691	1.16591	1.52463	1.24117	0.7788922	0.640506	1
cg26923428	ING4;ING4;ING4;ING4;ING4;ING4 PAX8;PAX8;PAX8;PAX8;PAX8;LOC44083	0.28170	0.746205	0.922406	-1.08412	0.472293	0.855602	-1.16877	0.162046	0.727264	-1.37502	0.891918	1.02942	1.02942	0.0360853	0.594526	-1.68201	0.0554338	0.629328	1.589	0.88169	1.03228	1.03228	0.569403	1.13049	1.13049	0.868518	0.965276	-1.03597	1.52463	1.03984	0.640585	1
cg07772999	51;LOC554403	0.28170	0.205132	0.442184	-2.2615	0.13917	0.378482	-2.64213	0.0407018	0.236385	-4.23038	0.872791	1.10275	1.10275	0.934342	0.950949	-1.05158	0.862201	1.11187	1.11187	0.0562862	0.267294	-3.74119	0.380206	0.577265	-1.73231	0.721502	0.803742	-1.24418	1.52461	8.99680	5.24542	1
cg03921599	MIR1908;FADS1 PITCH1;PITCH1;PITCH1;PITCH1;PITCH1;PT	0.28171	0.287377	0.747276	-1.33819	0.388057	0.791912	-1.26277	0.318573	0.761964	-1.3124	0.252739	1.37032	1.37032	0.898995	1.03406	1.03406	0.455867	0.818498	-1.22175	0.230322	0.71757	-1.39359	0.59021	1.15416	1.15416	0.0558602	1.77054	1.77054	1.5246	1.67935	0.979111	1
cg13453424	CH1;PTCH1	0.28174	0.140438	0.26018	-3.84349	0.698348	1.39185	1.39185	0.83521	1.19345	1.19345	0.281931	0.386997	-2.584	0.219633	0.334248	-2.99179	0.254841	0.364454	-2.74383	0.0286966	0.11182	-8.94291	0.15619	0.275853	-3.62512	0.486668	0.548782	-1.82222	1.52459	17.4043	10.1473	1
cg03973663	LYN;LYN	0.28174	0.0445659	0.326768	-3.06028	0.134713	0.457496	-2.18581	0.871442	1.0817	1.0817	0.583195	0.764348	-1.3083	0.128373	0.450661	-2.21896	0.305458	0.597748	-1.67295	0.7080807	0.375695	-2.66173	0.262204	0.567265	-1.76284	0.8909	0.935614	-1.06882	1.52459	5.67827	3.31062	1
cg14461700	UBR3	0.28174	0.3145821	1.2916	1.2916	0.30168	0.884004	-1.13113	0.748498	0.914713	-1.09338	0.481498	1.20479	1.20479	0.377409	0.788986	-1.26605	0.4443025	0.905355	1.10453	0.771508	0.777496	1.08766	1.08766	0.0409075	1.84867	1.84867	0.0892717	1.62894	1.62894	1.52467	1.63738	0.954602	1
cg07847030	TC7L1	0.28178	0.0970147	0.244126	-4.10683	0.120843	0.271506	-3.68316	0.626264	0.683207	-1.46219	0.419226	0.527853	-1.89447	0.211177	0.360668	-2.77264	0.312914	0.445727	-2.24353	0.0510441	0.179007	-5.58637	0.807166	1.20842	1.20842	0.0918565	0.237713	-4.20676	1.52458	14.4706	8.43695	1
cg24634519	C2orf72;C2orf72;C2orf72;FSF1	0.28173	0.1683134	0.599	0.599	0.049372	1.1649	1.1649	0.287127	0.790756	-1.26444	0.463753	0.956435	-1.04572	0.490144	0.838343	-1.19268	0.0822566	1.22866	1.22866	0.0409077	0.782473	-1.2878	0.0239155	0.4904853	-2.03884	0.0311217	0.4904853	-2.03884	1.52457	1.03112	0.5184404	1
cg08344341	LMBRD2;SKP2;SKP2;LMBRD2	0.28172	0.983589	1.00517	1.00517	0.463383	1.20586	1.20586	0.390206	0.801864	-1.24709	0.707146	1.09928	1.09928	0.755137	1.08162	1.08162	0.476618	1.19902	1.19902	0.0262753	0.516326	-1.93676	0.19007	1.7060594	-1.41631	0.378814	1.25413	1.25413	1.52457	1.51872	0.885479	1
cg12466613	NR3C1;NR3C1;NR3C1	0.28172	0.657325	0.715294	-1.39803	0.0422902	0.172836	-5.78584	0.090254	0.16648	-6.00673	0.578235	1.52422	1.52422	0.560983	0.643278	-1.55454	0.560628	0.643016	-1.55517	0.588441	0.663655	-1.50681	0.376406	0.5059996	-1.9763	0.493843	1.68029	1.68029	1.52456	13.5993	7.92903	1
cg15602841	CBorf38	0.28175	0.923453	1.08109	1.08109	0.0788694	1.669	1.669	0.0342363	1.24287	1.24287	0.107957	0.7905446	1.26501	0.3178504	0.791656	-1.26306	0.4069077	0.782473	-1.2878	0.507978	1.2434	1.2434	0.0891195	1.71278	1.71278	0.583878	1.17345	1.17345	1.52455	2.01902	1.17719	1
cg14025345	SORCS2	0.28174	0.692847	0.848749	-1.1782	0.3383115	0.665167	-1.50338	0.441534	0.733123	-1.38289	0.669741	0.837592	-1.1939	0.0436527	0.383631	-2.60667	0.34823	1.49023	1.49023	0.0608311	0.417811	-2.39343	0.465945	1.35865	1.35865	0.684005	0.844917	-1.18355	1.5245	4.11986	2.40216	1
cg23117128	TTC15	0.28174	0.212636	0.708219	0.708219	0.0298774	0.912773	-1.09556	0.664161	0.683879	-1.46225	0.664161	0.992384	-1.00747	0.9913408	0.835883	-1.19633	0.8889107	1.078641	1.078641	0.4646564	0.8407	-1.18961	0.4466805	0.8589035	-1.16437	0.5436	0.9997155	-1.00028	1.52454	1.88825	1.188825	1
cg04082020	NFYA;NFYA;LOC221442	0.28173	0.541448	0.862126	-1.15992	0.684852	0.906715	-1.10288	0.432485	0.821763	-1.2169	0.289383	1.30204	1.30204	0.299021	1.34356	1.34356	0.311753	1.77903	-1.28551	0.0427676	0.75015	1.75015	0.375037	0.8037314	-1.24422	0.586438	0.876448	-1.14092	1.52446	1.3907	0.810894	1
cg04088773	MYO10	0.28176	0.390108	1.25289	1.25289	0.887252	1.03699	1.03699	0.721349	1.09602	1.09602	0.923348	1.02494	1.02494	0.240595	0.730131	-1.36962	0.68042	0.899397	-1.11186	?	?	0.0179079	0.478727	-2.08887	0.771174	0.928059	-1.07752	1.52436	1.40835	0.922685	1
cg24232552	ADAM32	0.28177	0.822492	1.07602	1.07602	0.364285	0.762706	-1.31377	0.312377	0.614115	-1.62824	0.476304	1.14371	1.14371	0.0992384	0.535004	-1.86904	0.8001053	1.093368	1.093368	0.4744564	0.835887	1.19653	0.4166805	0.5153024	-1.94055	0.3441	0.7115111	1.31277	1.52445	0.95463	0.810969	0.473764	1
cg04082025	NFYA;NFYA;LOC221442	0.28173	0.541448	0.862126	-1.15992	0.684852	0.906715	-1.10288	0.432485	0.821763	-1.2169	0.289383	1.30204	1.30204	0.299021	1.34356	1.34356	0.311753	1.77903	-1.28551	0.0427676	0.75015	1.75015	0.375037	0.8037314	-1.24422	0.586438	0.876448	-1.14092	1.52446	1.3907	0.810894	1
cg04088773	MYO10	0.28176	0.390108	1.25289	1.25289	0.887252	1.03699	1.03699	0.721349	1.09602	1.09602	0.923348	1.02494	1.02494	0.240595	0.730131	-1.36962	0.68042	0.899397	-1.11186	?	?	0.0179079	0.478727	-2.08887	0.771174	0.928059	-1.07752	1.52436	1.40835	0.922685	1
cg24232552	ADAM32	0.28177	0.822492	1.07602	1.07602	0.364285	0.762706	-1.31377	0.312377	0.614115	-1.62824	0.476304	1.14371	1.14371	0.0992384	0.535004	-1.86904	0.8001053	1.093368	1.093368	0.4744564	0.835887	1.19653	0.4166805	0.5153024	-1.94055	0.3441	0.7115111	1.31277	1.52445	0.95463	0.810969	0.473764	1
cg08688501	GPR97	0.28158	0.355614	0.640299	-1.56177	0.0983277	0.34107	2.94107	0.098122	0.34252	2.94252	0.118870	0.451954	-2.21261	0.509303	0.775249	-1.28991	0.834168	0.906322	-1.10336	0.44929	1.43582	1.43582	0.49165	1.38778	1.38778	0.876426	1.075074	1.075074	1.52445	5.3147	3.09894	1
cg25790961	USP19	0.28161	0.626534	0.815092	-1.22697	0.5010984	0.607218	-1.64655	0.319986	0.571459	-1.74989	0.207137	0.790546	-1.26501	0.3178504	0.791656	-1.26306	0.4069077	0.782473	-1.2878	0.507978	1.2434	1.2434	0.0891195	1.71278	1.71278	0.583878	1.17345	1.17345	1.52455	2.01902	1.17719	1
cg14079173	DEK;DEK	0.28161	0.0546927	0.436243	-2.2923	0.2018858	0.598712	-1.67025	0.0393434	0.403561	-2.47794	0.999353	0.999779	-1.00022	0.546306	0.792627	-1.26163	0.783588	0.90051	-1.11048	0.800007	1.10145	1.10145	0.240606	0.626478	-1.59623	0.180109	0.581673	-1.71918	1.52444	3.49816	2.03975	1
cg25410102	ADD3	0.28167	0.0782028	0.507368	-1.97096	0.290561	1.45703	1.45703	0.379555	1.37555	1.37555	0.688113	1.15013	1.15013	0.636369	0.847832	-1.17944	0.69774	0.873471	1.14486	0.2012128	0.540005	1.5552	0.4264398	0.8939218	1.1835	0.8995	1.1342	1.14462	1.52444	2.90079	1.66145	1
cg08693754	ADAMTS10	0.28173	0.137786	0.668668	-1.49464	0.2224	0.261581	-3.82241	0.145555	0.474284	-2.10844	0.885126	1.00471	1.00471	0.0146387	0.116356	-8.59444	0.691714	0.913576	1.09431	0.7125	0.70971	1.40971	0.202138	0.712518	-1.40347	0.345349	0.782137	1.27851	1.52439	3.11577	1.892839	1
cg10698242	CHST3	0.28175	0.658062	0.739699	-1.3519	0.0726408	0.257768	-3.87946	0.0388117	0.198011	-5.05022	0.960826	1.03381	1.03381	0.692796	0.764311	-1.30837	0.38322	0.545925	-1.83175	0.301205	0.484277	-2.06493	0.393514	1.80695	1.80695	0.480474	1.52495	1.52495	1.52436	11.0623	6.45063	1
cg13956563	RAB11FIP5	0.28186	0.4581667	1.14666	1.14666	0.2245429	0.91573	1.86119	0.0226369	0.42168	2.37171	0.144668	1.24555	1.24555	0.0485569	0.19074	-5.24768	0.5622037	1.14723	1.14723	0.562438	1.47203	1.47203	0.0786809	1.44797	1.44797	0.0663092	1.03102	1.03102	1.52436	10.3224	6.13635	1
cg05196820	GSX2	0.28189	?	?	?	?	0.233126	5.74327	0.74327	0.797777	0.700116	-1.42834	?	?	?	?	?	0.945899	0.910102	-1.09878	0.113838	1.10383	1.10383	10.8461	10.1047	0.0815552	-12.2621	0.8557312	1.28749	1.28749	1.57557	31.3768	23.2336	1
cg10884633	WDR74	0.28181	0.0726594	0.66726	-1.49862	0.0936674	1.57319	1.57319	0.604748	0.899589	-1.11125	0.868899	1.00281	1.00281	0.932323	0.896553	-1.11538	0.438447	0.852433	-1.17311	0.534942	0.879653	-1.13681	0.915904	1.14324	1.14324	0.39644	1.19176	1.19176	1.52435	0.9852272	0.574672	1
cg03730682	FAM123B	0.28183	0.402675	0.215111	-4.64877	0.487422	0.282402	-3.54106	0.0870608	0.747151	-1.33842	0.26106	2.84125	2.84125	0.237645	0.27694	0.27694	0.0286502	0.00875452	-114.227	0.024239	2.40991	2.40991	0.8448	1.41973	1.41973	0.631066	2.37753	2.37753	1.52263	77.9375	38.5456	1
cg21462097	ZNF672	0.28185	0.817827	0.875121	-1.14742	0.0563872	0.62419	1.62419	0.10095	0.291732	2.91732	0.628155	0.729898	-1.37005	0.584777	0.719734	-1.3894	0.746531	1.21324	1.21324	0.201695	0.448625	-2.22903	0.409499	1.65325	1.65325	0.44682	0.629937	-1.58746	1.52423	8.57546	5.00098	1
cg05620164	FIGN	0.28182	0.686677	0.729517	-1.37833	0.4743132	0.821674	1.21674	0.344196	0.672311	1.48756	0.221448	0.814598	1.22763	0.2444625	0.61989	-1.61334	0.7734426	1.29296	1.29296	0.146925	0.61989	-1.61334	0.4299596	0.6514928	-1.53496	0.4298	0.5926354	-1.68753	1.52423	1.15215	0.48467	1
cg08275585	CDC34	0.28187	0.199095	1.39767	1.39767	0.332323	1.49295	1.49295	0.398043	1.23802	1.23802	0.640854	0.890539	-1.12292	0.661324	1.11491	1.11491	0.89861	0.969035	-1.03195	0.0515865	1.72756	1.72756	0.429001	1.22045	1.22045	0.187756	0.708612	-1.41121	1.52422	1.46976	0.857127	1
cg18432895	DUSP4;DUSP4;DUSP4	0.28188	0.189675	2.15105	2.15105	0.020946	4.62641	4.62641	0.833095	0.892058	-1.121	0.364807	1.67152	1.67152	0.387936	1.62609	1.62609	0.302688	1.8016	1.8016	0.607272	1.97502	-1.25783	0.0419119	0.4228853	-2.36511	0.0231888	0.4228853	-2.36511	1.52418	7.33849	4.27973	1
cg01293313	CLASP1;CLASP1;CLASP1	0.28189	0.818991	0.964471	-1.03684	0.0776473	0.713804	-1.36276	0.675247	1.06876	1.06876	0.555267	0.9101032	-1.09874	0.107853	0.758127	-1.31904	0.560252	0.912595	-1.09614	0.675314	1.06874	1.06874	0.3131	1.179	1.179	0.132948	1.29156	1.29156	1.52418	0.6012624	0.35065	1
cg19918027	KALRN;KALRN	0.28182	0.465563	1.18607	1.18607	0.577236	0.878623	-1.11814	0.781821	0.938198	-1.06587	0.805511	0.943479	-1.05991	0.0146337	0.567781	-1.76124	0.5373	0.866280	-1.15435	0.138805	1.44216	1.44216	0.228569	1.33693	1.33693	0.874561	0.964348	-1.03697	1.52417	1.2746	0.743341	1
cg21207686	IGF1R	0.28182	0.205448	0.705881	-1.41675	0.715263	1.42549	1.42549	0.0199319	0.385688	-2.59277	0.597172	0.82825	-1.20725	0.0198455	0.504449	-1.98243	0.5212247	1.37923	1.37923	0.0486541	0.725234	1.38028	0.0498451	0.6313341	1.03341	0.0498451	1.03341	0.6313341	1.47618	0.52617	0.6637	0.663157	1
cg21321248	KCNH2;KCNH2 BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.28184	0.635008	0.934491	-1.0701	0.037538	0.140763	1.40763	0.119057	1.27086	1.27086	0.62437	1.07243	1.07243	0.482431	1.02101	1.02101	0.194268	1.21479	1.21479	0.270576	0.849991	-1.17648	0.736754	0.953322	-1.04896	0.553291	1.08868	1.08868	1.52417	0.484597	0.282615	1
cg04713634	AR1;BCAR1;BCAR1	0.28186	0.797737	1.16154	1.16154	0.080294	3.09977	3.09977	0.0290928	4.48039	4.48039	0.41473	1.62602	1.62602	0.198638	1.001	1.001	0.22631	2.09761	2.09761	0.103968	2.81964	2.81964	0.27972	1.92563	1.92563	0.716695	1.23676	1.23676	1.52411	8.2072	4.78658	1
cg10113668	STS;STS;STS;STS	0.28183	0.277314	1.47616	1.47616	0.994651	0.997692	-1.00231	0.109195	1.8259	1.8259	0.943008	0.975657	-1.02495	0.864451	0.942789	-1.06068	0.744295	0.893316	-1.11942	0.183075	0.215048	0.626388	1.59424	1.59424	0.0626388	1.18424	1.18424	1.52411	2.86795	1.67264	1
cg02588868	LRP1	0.28183	0.788206	1.14844	1.14844	0.452654	0.233426	2.83441	0.0413025	0.385154	2.59654	0.0887452	0.713198	1.40202	0.2675232	0.657	-1.52164	0.4745844	0.503431	-1.98637	0.2944937	1.45544	1.45544	0.0801	0.951642	-1.05082	0.7933192	1.09498	1.09498	1.52406	1.44777	0.243656	1
cg05794927	OR2W3	0.28183	0.256417	0.34312	-2.91443	0.234593	0.639655	-1.56334	0.245007	0.333503	-2.99847	0.145806	0.244117	-4.0964	0.0531375	0.137505	-7.27249	0.817919	0.812018	-1.2315	0.449742	0.498831	-2.00469	0.119528	0.217548	-4.59669	0.0462227	0.127166	-7.86374	1.52411	19.6819	11.4789	1
cg15410276	HIST1H3H	0.28185	0.589395	0.813733	-1.22903	0.5166247	0.70389	-1.4227	0.3402021	0.7647	-1.30802	0.3802021	0.8801652	-1.13628	0.5585756	0.8001652	-1.24974	0.6001652	0.8115258	-1.23208	0.4402021	0.5515652	-1.81258	0.718827	0.918166	-1.08913	0.5338759	0.87657	-1.14062	0.2305934	0.56741	1.309133	0.8780572	1
cg21522303	ST6GALNAC

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. N)	p-value(5477 vs. N)	Fold-Change(5477 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg24235828	PPP2R2C	0.282089	0.771421	1.03574	1.17674	0.687412	1.25356	1.25356	0.588429	1.3558	1.3558	0.907487	1.06571	1.06571	0.8248887	0.225348	-4.43759	0.703731	1.23796	1.237796	0.937015	0.556806	-1.04514	0.244443	0.5584645	-1.07447	0.10325	0.36948	-2.70651	1.52334	7.53059	4.3942	1
cg26204477	MLLT6	0.2821	0.250139	0.522766	-1.9129	0.221441	0.10013	2.00103	0.735119	0.832539	-1.20114	0.624435	1.30514	1.30514	0.131661	0.417112	2.39744	0.168195	0.452662	-2.20915	0.092399	0.367933	-2.77189	0.545859	1.39083	1.39083	0.335402	0.585003	-1.70939	1.52334	7.02786	4.10086	1
cg18862767	NTSC1A	0.282107	0.947285	0.986537	-1.01365	0.917124	0.978888	-1.02157	0.90549	1.02465	1.02465	0.0461363	1.59747	1.59747	0.8206551	0.954517	-1.04765	0.142249	1.38182	1.38182	0.589294	0.894285	-1.11821	0.0486725	1.58662	1.58662	0.552141	1.13123	1.13123	0.523311	1.01387	0.591617	1
cg24170405	FAM198B;FAM198B;FAM198B	0.282117	0.2509063	1.90454	1.90454	0.4795	0.691773	-1.44576	0.284131	0.565429	-1.76857	0.3111077	1.73124	1.73124	0.6346693	0.782417	-1.27809	0.164683	2.2233	2.2233	0.0950269	2.56104	2.56104	0.141137	2.25081	2.25081	0.55858	1.35425	1.35425	1.32328	6.33984	3.69953	1
cg19438443	NBPF1	0.282123	0.354807	1.573	1.573	0.265103	1.73791	1.73791	0.733715	1.17644	1.17644	0.760549	0.832027	-1.20188	0.0161227	0.246344	-4.05936	0.917277	1.05068	1.05068	0.891879	1.06886	1.06886	0.662157	0.811215	-1.23272	0.569197	0.760504	-1.31492	1.52326	5.4632	3.38802	1
cg24262035	PPYJPPY	0.282124	0.177072	0.380943	-2.58436	0.426186	0.584078	-1.47221	0.251235	0.452343	-2.21071	0.506743	0.640323	-1.56171	0.0678334	0.258296	-3.87153	0.269532	0.467231	-2.14027	0.141736	0.351494	-2.845	0.0149647	0.196672	-5.0846	0.183564	0.393085	-2.54398	1.52326	10.5657	6.16557	1
cg15031753	STOX2	0.28213	0.560857	1.49683	1.49683	0.0860325	0.272223	-3.67346	0.400588	0.554237	-1.80428	0.303357	2.07764	2.07764	0.2600095	0.446761	-2.23833	0.575798	0.678588	-1.47365	0.678135	1.33143	1.33143	0.159366	2.80522	2.80522	0.222743	2.40803	2.40803	1.53224	11.3497	6.62315	1
cg13299124	NCRNA00214	0.28213	0.964381	1.01543	1.01543	0.43922	1.26781	1.26781	0.134862	0.577233	-1.7324	0.104402	0.545898	-1.83185	0.782831	1.09988	1.09988	0.9466	0.977418	-1.0234	0.0715463	1.96537	1.96537	0.193897	1.48099	1.48099	0.545202	0.811568	-1.23218	1.52324	2.80528	1.63703	1
cg08495827	ZCCHC24	0.282131	0.273307	0.587723	-1.75831	0.329909	0.644926	-2.24756	0.23827	0.542546	-1.84316	0.2032287	0.514386	-1.94606	0.0733371	0.372143	-2.68714	0.253764	0.554339	-1.80395	0.0321953	0.26884	-3.46211	0.263979	0.565872	-1.76758	0.40156	0.653764	-1.52961	1.52323	5.91173	3.44981	1
cg25686812	SEC22C;SEC22C	0.282139	0.297687	0.416381	-2.40165	0.624888	0.670379	-1.49169	0.948196	1.05415	1.05415	0.196258	0.329895	-3.03126	0.0406962	0.146949	-6.80508	0.71905	0.745896	-1.34067	0.0441506	0.15311	-6.53124	0.930403	1.07347	1.07347	0.185329	0.319845	-3.12651	1.52321	15.8892	9.27234	1
cg02000494	CDGAP	0.282144	0.82265	1.37546	1.37546	0.0799812	0.0494142	2.0545	0.0201328	0.944599	-1.05978	0.32234	0.893009	-1.12005	0.2671642	0.730127	-1.36972	0.0463107	2.63166	2.63166	0.0138208	3.93005	3.93005	0.0156545	3.05005	3.05005	0.0045457	1.10441	1.10441	0.6262684	1.05603	1.05603	1.52319	0.295561	0.172481	1
cg05442902	MGC16703;P2RX6;P2RX6	0.282144	0.626685	0.890083	-1.12349	0.806089	0.94325	-1.06016	0.385763	0.809595	-1.23519	0.866373	0.960784	-1.04082	0.306596	0.77768	-1.28588	0.665398	0.911723	-1.10899	0.0342016	0.556932	-1.79859	0.108765	1.51516	0.178177	1.40473	1.40473	1.53219	1.36132	0.794425	1
cg00824793	WDR31;WDR31;WDR31;WDR31	0.282144	0.301511	0.587099	-1.56306	0.164966	1.81324	1.81324	0.582823	1.06456	1.06456	0.520687	1.07595	1.07595	0.315598	1.12382	1.12382	0.628816	1.1927	1.1927	0.153991	1.00917	1.00917	0.121979	1.20742	1.20742	0.0885082	1.23529	1.23529	1.52319	0.305025	0.178004	1
cg27556952	C6orf136;C6orf136;C6orf136	0.282146	0.309502	1.55851	1.55853	0.0247748	3.19375	3.29375	0.0599089	2.57745	2.57745	0.378928	1.49574	1.49574	0.862011	0.253337	-1.08069	0.56339	1.29765	1.29765	0.981837	0.989898	0.989898	-1.01021	0.195336	1.84206	1.84206	0.504564	1.35261	1.35261	1.52316	4.79909	2.80066	1
cg03274539	RAP1GAP2;RAP1GAP2	0.282156	0.971801	1.01334	1.01334	0.841649	0.92776	-1.07787	0.104826	0.514555	-1.94343	0.879069	0.944525	-1.05873	0.500349	1.29211	1.29211	0.484706	0.766307	-1.30496	0.0386727	0.475229	2.45379	0.453072	0.74191	-1.34787	0.319651	0.74035	1.47035	1.52315	3.3897	1.97818	1
cg13594863	ABCC8	0.282163	0.975837	0.979023	-1.02143	0.0339824	0.57131	1.67331	0.0135063	0.756525	1.32187	0.74852	0.964728	-1.03677	0.728317	1.37269	-1.37269	0.616293	1.31659	1.31659	0.365887	1.90694	1.90694	0.995008	0.995021	-1.0044	0.572186	1.49195	1.49195	1.52313	1.85266	0.9171	1
cg07460129	C7orf25;C7orf25	0.282168	0.469378	0.533596	-1.87408	0.720179	0.736134	-1.35845	0.603738	1.56245	1.56245	?	?	?	0.755941	0.768534	-1.30406	0.343779	2.30207	2.30207	0.166385	0.281271	-3.5553	0.229975	0.339628	-2.9444	0.0359939	0.119275	-8.38397	1.52757	15.699	8.73509	1
cg06144920	TOX3;TOX3	0.282192	0.759725	0.787419	-1.26997	0.021901	0.117356	-8.5211	0.122312	0.276742	-3.61341	0.819454	1.19496	1.19496	0.583516	0.649622	-1.53936	0.549249	0.623687	-1.60337	0.343413	2.58814	2.58814	0.093876	0.934642	-1.06993	0.861226	1.14605	1.14605	1.52304	14.6413	8.54507	1
cg00874605	PARN;PARN	0.282195	0.313162	0.4786	-2.08943	0.2402051	0.155218	-4.44255	0.0632756	0.288685	-4.37282	0.880137	1.11248	1.11248	0.3548251	0.426396	-2.34524	0.271151	0.445205	-2.24615	0.290609	0.460535	-2.17139	0.772209	0.814623	-1.22756	0.974555	0.997755	-1.02297	1.52303	12.0351	7.02411	1
cg02225085	LOC645323	0.282203	0.0849444	0.606811	-1.64796	0.333589	0.769871	-1.29892	0.227871	1.39365	1.39365	0.262969	0.73636	-1.35803	0.314209	0.761143	-1.31381	0.259521	0.734587	-1.36131	0.296038	0.752661	-1.32862	0.699276	1.10715	1.10715	0.263326	1.3577	1.3577	1.525	1.658868	0.963078	1
cg26343891	UNC5C	0.282205	0.307859	1.5556	1.5556	0.079987	1.93976	1.93976	0.180605	0.197096	1.20543	1.20543	0.640604	1.06654	1.06654	0.76435	0.955981	0.455085	1.04005	1.04005	0.940505	1.28088	1.28088	?	?	?	0.685017	0.945657	1.05747	0.56547	0.403015	0.264294	1
cg16337108	GCNT2;GCNT2;GCNT2	0.282205	0.393799	0.762099	-1.31217	0.24663	0.686038	-1.45765	0.246414	0.685909	-1.45792	0.854899	0.944654	-1.05859	0.027382	0.444084	-2.25183	0.676574	1.39337	1.39337	0.0913402	0.560838	-1.78305	0.603456	1.17703	1.17703	0.799009	0.923707	-1.08259	1.52299	2.33342	1.36189	1
cg00326151	RTKN;RTKN;RTKN	0.282206	0.412364	1.57013	1.57013	0.0188837	0.681384	1.48138	0.0158554	0.790344	1.26481	0.79157	0.800727	-1.24987	0.0377492	0.188217	5.31197	0.602422	1.07549	1.07549	0.623444	0.920746	-1.08592	0.102972	1.31552	1.31552	0.0158702	1.07223	1.07223	1.52299	0.2958	0.170504	1
cg24723331	STBSIA1;STBSIA1	0.282207	0.298202	0.806168	-1.24044	0.26171	1.26346	1.26346	0.974617	1.00638	1.00638	0.756165	1.06421	1.06421	0.907537	1.02349	1.02349	0.55447	1.12689	1.12689	0.399593	0.841727	-1.18803	0.0730337	0.670657	-1.49108	0.0775438	1.14797	1.14797	1.52299	0.962975	0.562039	1
cg16840745	DUSP7	0.282213	0.467602	1.32284	1.32284	0.710025	0.868162	-1.15186	0.475024	0.759592	-1.3165	0.917668	0.961616	-1.03992	0.0142356	0.392533	-2.54755	0.0448692	0.418331	-2.39045	0.422308	0.733714	-1.36293	0.278402	0.652705	-1.53209	0.857527	0.93424	-1.07039	1.52297	3.45606	2.01715	1
cg07523565	DYNC1I2	0.282223	0.0519187	0.686318	-1.45705	0.123175	0.795501	-1.25187	0.74852	0.964728	-1.03677	0.728317	1.37269	1.37269	0.616293	1.31659	1.31659	0.365887	1.90694	1.90694	0.995008	0.995021	-1.0044	0.572186	1.49195	1.49195	0.57213	1.23081	1.23081	1.52294	0.698654	0.407782	1
cg18754985	CLDND1;CLDND1	0.282223	0.189162	3.58549	3.58549	0.812345	0.803833	-1.24404	0.711033	0.710584	-1.40729	0.221672	1.32525	1.32525	0.240996	0.38639	3.08639	0.328431	2.52481	2.52481	0.0814307	5.8906	5.8906	0.0695449	6.44833	6.44833	0.11298	4.87399	4.87399	1.52294	30.3339	11.8683	1
cg01854776	SH3BP4	0.282223	0.766855	1.34638	1.34638	0.0354035	0.0867625	-11.5921	0.10564	0.107637	-5.86039	0.500331	1.98243	1.98243	0.442982	0.461621	-2.16628	0.789694	0.765369	-1.30656	0.368821	0.397205	-2.51759	0.484992	2.03361	2.03361	0.493314	2.22512	2.22512	1.52293	24.1349	14.0868	1
cg15640375	LPP83	0.282226	0.903103	0.980219	-1.02018	0.414882	1.1465	1.1465	0.0587023	1.41948	1.41948	0.378627	0.862562	-1.15934	0.716941	0.942022	-1.06155	0.512463	0.896754	-1.11513	0.101016	0.744822	-1.3426	0.620265	0.921334	-1.08538	0.247861	1.21918	1.21918	1.52292	0.649042	0.378828	1
cg15484493	ATP11A;ATP11A	0.282239	0.1203809	1.97307	1.97307	0.0753	1.07553	1.07553	0.0165353	0.736121	1.35851	0.0991127	0.973	0.973	0.0991127	1.02753	-1.15743	0.928313	1.03697	1.03697	0.74093	1.07443	1.07443	1.36697	0.731066	1.36697	0.731066	1.48223	1.48223	1.52288	1.82515	1.03697	1
cg02319818	PAK4;PAK4;PAK4;PAK4;PAK4	0.282239	0.30419	0.552733	-1.80919	0.368113	0.67374	1.67374	0.252956	0.93033	1.93033	0.719842	0.818184	-1.22222	0.0622642	0.492984	-2.02846	0.566364	0.724017	-1.38118	0.0264864	0.301068	0.301068	-3.32159	0.0988	1.0988	0.917154	1.05968	1.05968	1.52288	0.748702	0.437009	1
cg02537014	STX19	0.282245	0.474376	0.703258	-1.42206	0.15176	0.132992	2.00184	0.0113889	0.744324	1.34303	0.0878997	0.736068	1.36066	0.0861247	0.775593	-1.28972	0.602422	0.727549	-1.37442	0.0825962	0.492555	-2.03052	0.0855904	0.921551	-1.08513	0.709515	1.12261	1.12261	1.52288	0.342158	0.194752	1
cg00907204	CDK6;CDK6	0.282241	0.0564325	0.427685	-2.33817	0.582912	0.804055	-1.2437	0.333527	0.675536	-1.48031	0.24087	0.617037	-1.62065	0.0932076	0.48375	-2.06719	0.772579	1.1207	1.1207	0.822545	0.915456	-1.09235	0.0671716	1.4463	-2.24065	0.164049	0.557701	-1.79308	1.52288	1.72977	2.17703	1
cg09309024	MVP;MVP	0.282243	0.328307	0.494653	-2.02162	0.0158192	0.76456	1.76456	0.195859	0.257233	2.57233	0.813638	1.17909	1.17909	0.555207	0.659476	-1.51636	0.827626	0.910713	-1.09784	0.0461236	0.375278	-2.66458	0.187727	0.500342	-1.99804	0.0612402	0.240525	-4.15523	1.70511	1.52285	4.49656	2.88267	1
cg15389765	CYTSA;CYTSB;CYTSA;CYTSB	0.282249	0.810778	0.894174	-1.11843	0.5581	0.0844	1.74574	0.0130404	0.349737	2.64087	0.0197159	0.349029	2.86512	0.0197159	0.349029	2.86512	0.349977	1.84406	1.84406	0.0274657	5.25368	5.25368	0.119282	2.93103	2.93103	0.0934096	2.32427	2.32427	1.52285	9.75902	5.69636	1
cg24451653	SUFU	0.282252	0.432765	1.15624	1.15624	0.526677	0.880184	-1.12336	0.51673	1.12661	1.12661	0.979111	1.00476	1.00476	0.9116956	0.734208	-1.36185	0.924659	0.988201	1.011757	0.323094	1.2002	1.2002	0.0703881	1.58826	1.58826	0.70593	1.07116	1.07116	1.52285	0.764357	0.445517	1
cg07330940	PP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P	0.282253	0.357244	0.900484	-1.11081	0.136423	1.76235	1.76235	0.118447	1.75648	1.75648	0.645171	1.05267	1.05267	0.459514	0.766466	-1.56093	0.670706	1.15939	1.15939	0.0533926	2.17102	2.17102	0.187497	1.63775	1.63775	0.162392	1.69368	1.69368	1.52284	3.00812	1.75586	1
cg07907115	SOX5;SOX5	0.282258	0.0365703	0.3134484	-3.19111	0.0176423	0.536725	-1.86315	0.0514537	0.10529	0.976647	0.0861221	1.21407	1.21407	0.0865154	0.824035	-1.21332	0.582151	0.766942	-1.30388	0.140572	0.4491117	-2.13167	0.0965189	0.590195	-1.6773	0.7893857	0.878068	-1.13886	1.52282	1.52282	0.4003015	0.264294	1
cg04740590	KIAA1257;KIAA1257	0.282264	0.542513	1.13237	0.1160524	0.81168	1.81168	0.804911	0.105117	0.105117	0.785774	1.05648	1.05648	0.705946	0.926412	1.07943	1.07943	0.66644	1.09138	1.09138	0.180116	0.750476	-1.33249	0.781278	0.945418	-1.05773	0.485893	1.15348	1.15348	1.5228	0.980722	0.572466	1
cg19929624	GNAL;CNNM9;GNAL;GNAL;CNNM9	0.282267	0.3228341	1.49844	1.49844	0.0797149	0.0431103	2.08797	0.0139993	0.146613	3.45633	0.0127543	0.837203	1.19399	0.0282222	0.826566	-1.20963	0.0617356	0.295201	-3.38752	0.935142	1.04833	1.04833	0.416369	1.61878	1.61878	0.372596	0.588133	-1.7003	1.52279	8.1096	4.73378	1
cg24901010	NEK11;NEK11;LASTS1;NEK11;NEK11	0.282327	0.25131	1.55876	1.55876	0.224144	0.643587	-1.56558	0.0124	0.0437727	-3.78066	0.318876	1.47075	1.47075	0.1741981	1.14722	-1.14722	0.644073	1.18805	1.18805	0.0887647	0.419288	-2.38446	0.0102156	0.0855171	-11.6907	0.0320882	0.241225	-4.14184	0.42171	0.31187	0.623956	1
cg01103950	WWC2;WWP2	0.282371	0.9107	1.00626	1.00626	0.151087	1.24998	1.24998	0.279598	1.17705	1.17705	0.949484	0.92923	1.09023	0.977317	1.02401	1.02401	0.318846	1.1614	1.1614	0.262697	1.844211	-1.18454	0.955509	0.76676	-1.30439	0.949438	0.800895	-1.12247	1.52278	0.507226	0.296083	1
cg04886448	FLOT2	0.282374	0.727174	0.826428	-1.21003	0.824341	1.12862	1.12862	0.385477	1.62298	1.62298	0.807344	0.875486	-1.14222	0.342299	0.58711	-1.70326	0.0294324	0.2476	-4.03877	0.221372	0.496761	-2.01304	0.138292	0.419555	-2.38348	0.212221	0.489099	-2.04458	1.52277	7.14466	4.17057	1
cg23737249	VPS37C	0.282374	0.807931	1.09911	1.09911	0.0883	1.23703	1.23703	0.153457	1.12507	1.12507	0.242507	1.26206	1.26206	0.137264	1.19207	-1.19207	1.39097	1.17188	1.17188	0.0961	1.19906	1.19906	?	?	?	0.0552558	1.4219	1.4219	1.15167	1.15167	0.882518	0.468456	1
cg26861219	ARID1B;ARID1B;ARID1B	0.282727	0.386797	0.762454	-1.31155	0.24244	0.45353	1.45353	0.100666	0.173279	1.73279	0.547175	1.20472	1.20472	0.106524	1.71394	1.71394	0.630916	0.86244	-1.1595	0.743095	1.10578	1.10578	0.177232	1.55029	1.55029	0.0922107	1.76231	1.76231	1.52276	2.52409	1.31579	1
cg05737247	ADIPOQ	0.28228	0.394863	1.29243	1.29243	0.28554	1.37596	1.37596	0.0184824	0.933792	-1.0709	0.537188	0.894868	-1.11779	0.0804628	0.571203	-1.75069	0.301607	0.704361	-1.42014	0.0494468	0.619165	-1.61469	0.499999	0.796542	-1.25543	0.732375	0.912151	1.09617	1.52275	2.02125	1.31747	1
cg16785291	SLC35B4	0.28228	0.491964	0.699547	-1.4295	0.0194485	0.235437	-4.24742	0.545403	0.715208	-1.3979	0.682848	1.23407	1.23407	0.196949	0.497391	-2.01049	0.267292	0.55341	-1.80808	0.378599	0.807888	-1.2378	0.139829	0.643878	-1.55341	0.715248	1.20633	1.20633	1.52275	0.32119	0.168993	1
cg01157046	SGPP2	0.282782	0.661383	0.760836	-1.31434	0.108587	0.337753	-2.96075	0.779729	0.84	-1.18991	0.970584	1.01956	1.01956	0.559023	0.267674	-3.73589	0.47676	0.638472	-1.56624	0.0414299	0.23258	-4.29959	0.140633	0.374211	-2.67229	0.909002	0.931547	-1.07348	1.52274	9.27549	5.41449	1
cg24263732	TMTC3;CCDC150	0.282787	0.112015	1.62023	1.62023	0.0247	0.41602	-2.9462	0.0950023	0.099007	-10.0099	?	?	?	0.0207	0.746562	-1.33947	0.0613758	1.90073	1.90073	0.262712	2.61545	2.61545	0.1636	0.8228	0.8228	0.6136	1						
cg00224925	GAD1	0.282789	0.242981	0.524316	-1.90725	0.685829	1.23975	1.23975	0.763864	1.16891	1.16891	0.557384	0.730828	-1.36831	0.079572	0.357621	-2.79626	0.296657	0.564502	-1.77147	0.03806	0.280641	-3.56328	0.703934	1.22356	1.22356	0.214971	0.501683	-1.99329	1.52272	6.73471	3.93139	1
cg04153751	SCN4A	0.282792	0.0184692	0.15423	-6.48381	0.664045	1.3309	1.3309	0.449828	0.637237	-1.65638	0.915382	1.05447	1.05447	0.594102	0.591622	-1.69051	0.354856	1.86375	1.86375	0.548756	0.449307	2.22511	0.0415315	1.84924	1.84924	0.635154	0.745244	-1.34184	1.52271	10.3187	6.02356	1
cg01459675	RHOB;RHOB	0.282795	0.85783	1.04201	1.02402	0.819553	1.03071	1.03071	0.421361	1.11489	1.11489	0.860488	0.977902	-1.0226	0.161327	1.2535	1.2535	0.775147	1.03865	1.03865	0.872387	0.863941	-1.15736	0.0985385	1.37622	1.37622	0.237626	1.24738	1.24738	1.5227	0.42274	0.246778	1
cg14910882	KCNAB3	0.282796	0.851325	1.08201	1.08201	0.601985	0.80168	-1.24738	0.0188089	0.30558	0.30558	0.377003	1.46346	1.46346	0.692674	0.846311	-1.1816	0.761483	0.879956	-1.13642	0.959137	1.02176	1.02176	0.278374	0.622829	-1.60558	0.282021	1.5994	1.5994	1.5227	4.25554	2.48421	1
cg15468739	RAB30	0.282299	0.0990503	1.58083	1.58083	0.282303	1.52744	1.52744	0.0132313	0.132313	0.0132313	0.504177	1.293	1.293	0.544898	0.773411	-1.2931	0.847508	0.929611	-1.07572	0.0162688	2.12132	2.12132	0.0582327	2.25118	2.25118	0.132984	1.46428	1.46428	1.52269	3.46014	2.0234	1
cg04932464	KIAA0232;KIAA0232	0.282305	0.258456	1.67432	1.67432	0.536802	0.760796	-1.31441	0.947784	1.02904	1.02904	0.984593	0.991595	-1.00848	0.736225	1.15927	1.15927	0.914809	1.04789	1.04789	0.0108382	0.40475	0.40475	-2.47053	0.526743	1.32356	1.32356	0.700237	0.844423	-1.18424	1.52267	4.60783	2.68991	1
cg15870809	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.282305	0.0996402	0.6367	0.6367	0.467889	0.870556	-1.27335	0.0947284	0.755435	-1.32458	0.161566	0.67341	-1.48506	0.0134228	0.544322	-1.83702	0.308684	0.135058	-7.40423	0.0636758	0.20848	0.20848	-4.79598	0.0438972	0.76244	-1.31072	0.0439772	0.198055	1.70852	1.52267	1.52267	1.52267	1.52267	1
cg22498840	MCART1;MCART1;MCART1	0.282308	0.640994	0.904086	-1.10609	0.80946	0.970848	-1.03003	0.496664	1.15972	1.15972	0.218249	0.757256	-1.32056	0.450511	1.17948	1.17948	0.0278509	0.572317	-1.74728	0.337971	0.808903	-1.23624	0.89096	1.02989	1.02989	0.27741	1.27446	1.27446	1.52266	1.11165	0.648954	1
cg16370645	SH3PX2	0.28231	0.158833	0.487723	-2.08889	0.163132	0.482825	-2.07114	0.18045	0.498746	-2.00503	0.0967096	0.40988	-2.43974	0.120488	0.438786	-2.27902	0.169173	0.488485	-2.04715	0.0603982	0.354936	-2.81741	0.36486	0.63418	-1.57684	0.166627	0.486114	-2.05713	1.52265	5.76945	3.36807	1
cg22239108	RASA3	0.282314	0.242545	1.33287	1.33287	0.559814	0.166479	1.66479	0.415903	0.13467	1.13467	0.183755	0.34928	-2.86028	0.0224562	0.41845	-2.39045	0.221482	1.12586	1.12586	0.204546	0.143845	-6.95134	0.0345106	0.883361	-1.13206	0.0976516	-1.11406	0.0345106	1.88396	1.88396	0.677349	1.47872	1.52263	1.79521	0.104802	1
cg09933763	JAZF1	0.282322	0.123997	0.620368	-1.61195	0.137888	0.632601	-1.58078	0.657265	0.879864	-1.13654	0.408113	1.27445	1.27445	0.0761903	0.568081	-1.76031	0.259448	0.713777	-1.401	0.374539	1.29854	1.29854	0.292351	0.731163	-1.36768	0.36667	0.766588	-1.30448	1.52261	1.981	1.15649	1
cg16176622	KIAA1274	0.282372	0.753813	1.09853	1.09853	0.0140121	0.163309	1.63537	0.0448028	0.637237	-1.56538	0.915382	1.05447	1.05447	0.594102	0.591622	-1.69051	0.354856	1.86375	1.86375	0.548756	0.449307	2.22511	0.0415315	1.84924	1.84924	0.635154	0.745244	-1.34184	1.52271	10.3187	6.02356	1
cg13760807	NAB2P11;NAB2P11	0.282335	0.450809	0.899599	-1.1241	0.898051	0.980672	-1.01971	0.700264	1.05868	1.05868	0.027138	1.48899	1.48899	0.847792	0.971153	1.0297	0.819004	0.663232	-1.50777	0.757977	0.936232	-1.06811	0.729489	1.07675	1.07675	0.173885	1.36091	1.36091	1.52256	1.09406	0.638727	1
cg14134796	ZBTB4;ZBTB4	0.282346	0.277462	0.786173	-1.27198	0.293063	1.26154	1.26154	0.104555	1.45923	1.45923	0.899363	0.97148

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(p-value|1047 vs. N)	Fold-Change(p-value|1073 vs. N)	Fold-Change(p-value|1105 vs. C47 vs. N)	Ratio(105T vs. 057 vs. N)	Fold-Change(p-value|1117 vs. N)	Ratio(111T vs. N)	Fold-Change(p-value|1127 vs. N)	Ratio(112T vs. N)	Fold-Change(p-value|1217 vs. N)	Ratio(121T vs. N)	Fold-Change(p-value|1237 vs. N)	Ratio(123T vs. N)	Fold-Change(p-value|1477 vs. N)	Ratio(147T vs. N)	Fold-Change(p-value|1537 vs. N)	Ratio(153T vs. N)	Fold-Change(p-value|5377 vs. 537 vs. N)	Ratio(537T vs. N)	Fold-Change(p-value|5433 vs. 37T vs. N)	Ratio(543T vs. N)	Fold-Change(p-value|5637 vs. 63T vs. N)	Ratio(563T vs. N)	F(Error)	SS(Test)	SS(Error)
cg17133406	C15or40;C15or40;C15or40;C15or40;C15or40;C15or40	0.282539	0.0392046	0.392565	-2.54735	0.63357	0.82845	-1.20707	0.331717	1.48058	1.40858	0.500094	-1.99963	0.511118	0.770144	-1.29846	0.115803	0.511758	-1.95396	0.982978	1.0084	1.0084	0.885507	1.05808	1.05808	0.467429	0.748447	-1.3361	1.52191	3.70141	2.16185	1
cg13429423	PARVG;PARVG	0.282543	0.0447054	0.26093	-3.83245	0.486245	1.51051	1.51051	0.416901	0.6165515	-1.62202	0.198291	0.452664	-2.20914	0.0573317	0.285519	-3.50239	0.747	0.828037	-1.20768	0.507644	0.675812	-1.4797	0.476179	0.655506	-1.52554	0.16854	0.425134	-2.3522	1.5219	8.19182	4.78457	1
cg14796755	SLC16A12	0.282545	0.833856	0.917082	-1.09043	2.29995	0.595061	-1.6801	0.0190192	0.310306	-2.32263	0.377314	0.688404	-1.45264	0.222315	0.580315	-1.69677	0.410745	0.70702	-1.41439	0.144642	0.524255	-1.90747	0.175202	0.552805	-1.81137	0.209787	0.579967	-1.72424	1.51288	4.09459	2.39154	1
cg14128315	CTBP1;CTBP1	0.28255	0.847859	0.939993	-1.06384	0.23435	0.19428	1.49428	0.0407439	2.14057	2.65278	1.4536	1.4536	0.363713	0.740266	-1.35087	0.263703	0.420455	0.767064	-1.30367	0.222531	0.661655	-1.51136	0.900603	1.04108	1.04108	0.816965	1.07756	1.07756	1.52187	2.50202	1.46137	1
cg13487918	PLCD1;PLCD1;PLCD1	0.282555	0.146959	0.454696	-2.19927	0.029638	0.27351	-1.66617	0.831867	1.11366	1.11366	0.570694	1.74831	1.11366	0.383108	0.634529	-1.57597	0.677634	0.809233	-1.23574	0.103708	0.406183	-2.46195	0.15074	0.458504	-2.18101	0.797579	1.13089	1.13089	2.52185	1.67394	3.60932	1
cg16959972	DMC1	0.282559	0.547689	0.894299	-1.11819	0.480203	1.14085	1.14085	0.0840401	1.42051	1.42051	0.997572	0.999442	-1.00056	0.330151	1.20264	1.20264	0.143862	1.33421	1.33421	0.317583	0.827209	-1.20888	0.149491	1.32813	1.32813	0.133378	1.34621	1.34621	1.52184	0.8126555	0.474661	1
cg13527943	KDM4C;KDM4C;KDM4C;KDM4C	0.282563	0.252294	0.829012	-1.20495	0.242718	0.949942	-1.0427	0.378161	1.15139	1.15139	0.911948	1.0574	1.01639	0.127039	0.773148	-1.29341	0.504358	1.11141	1.11141	0.290795	1.38639	1.38639	0.947853	0.988655	-1.01025	0.0499211	1.41709	1.41709	1.52183	0.5858827	0.342177	1
cg03352893	SOLH	0.282564	0.117493	0.493898	-2.02471	0.588409	-2.41255	-2.42387	0.1875	0.560137	-1.78528	0.412327	1.41592	1.41592	0.8629267	0.428126	-2.33576	0.642129	0.722399	-1.38428	0.432548	0.717254	-1.39421	0.613965	0.905849	-1.10394	0.590112	0.798007	-1.25312	1.52183	8.14936	4.24361	1
cg13935854	KIT;KIT;KIT;KIT	0.282564	0.403026	0.595886	-1.67817	0.305408	0.524781	-1.90556	0.929908	1.0542	1.0542	0.419889	0.607582	-1.64587	0.318698	0.534891	-1.86954	0.264293	0.492319	-2.03112	0.148382	2.59673	2.59673	0.343995	1.806	1.806	0.107379	2.97071	2.97071	1.63623	8.88334	3.61944	1
cg12421755	ONECUT1	0.282564	0.0723846	0.158826	15.5861	3.42514	0.98383	0.98383	0.928015	0.97659	0.97659	0.913873	1.0242	1.0242	0.466022	2.143274	2.143274	0.953716	1.08234	1.08234	0.279027	4.63809	4.63809	0.946102	22.5467	22.5467	0.545854	2.30085	2.30085	1.52183	44.7913	26.1623	1
cg26860113	TRIB3;TRIB3	0.282566	0.173113	0.737723	-1.36282	0.979607	0.994557	-1.00547	0.604878	1.17191	1.17191	0.858703	1.03879	1.03879	0.464182	0.825628	-1.2112	0.612175	0.896575	-1.11536	0.0318522	0.522343	-1.91445	0.769811	0.939264	-1.06466	0.290535	0.791176	-1.26394	1.52182	1.09907	0.641965	1
cg09228988	UNK;UNK;UNK;UNK	0.282573	0.754784	0.90874	-1.10042	0.836576	1.06511	1.06511	0.0962939	0.537459	-1.86175	0.801511	0.925949	-1.07997	0.0408928	0.486163	-2.05932	0.340252	0.740861	-1.35011	0.376007	1.3174	1.3174	0.278352	0.708731	-1.41097	0.150995	0.624978	-1.60006	1.5218	2.24838	1.31328	1
cg05958872	SPSB2;SPSB2	0.282583	0.439409	0.61564	-1.62464	0.463999	1.38519	1.38519	0.0466316	2.70757	2.70757	0.440396	1.41055	1.41055	0.950364	2.667151	-1.02759	0.0782234	2.35221	2.35221	0.2022446	0.555264	-1.80094	0.28165	1.63094	1.63094	0.779867	1.13031	1.13031	1.52176	4.606335	2.60605	1
cg13730905	FIT1L	0.282584	0.595272	1.26672	1.26672	0.14063	0.497107	-2.01164	0.0703403	0.414504	-2.41521	0.926794	1.04136	1.04136	0.154564	0.470181	-2.12684	0.707921	1.18054	1.18054	0.182071	1.87289	1.87289	0.912057	1.04993	1.04993	0.853492	1.08493	1.08493	1.52176	4.68695	2.73773	1
cg06623468	BCR/KIL;CKCR3;CKCR3	0.282586	0.158734	0.587416	-1.70237	0.517873	0.793334	-1.2605	0.358353	1.05247	1.05247	0.346445	1.56041	1.56041	0.25822	0.638157	-1.57113	0.447717	0.762893	-1.31104	0.0942296	0.522314	-1.91456	0.648773	1.17579	1.17579	0.40677	0.741038	-1.34946	1.52175	3.605751	1.75572	1
cg07984684	C16orf55;CHMP1A;CHMP1A	0.282587	0.517672	0.946249	-1.0568	0.215917	0.8961	-1.11595	0.0703921	0.843364	-1.18573	0.328121	1.08875	1.08875	0.311278	1.09225	1.09225	0.420703	1.07175	1.07175	0.114314	0.865295	-1.15567	0.612404	0.957876	-1.04398	0.76179	0.974715	-1.02594	1.52175	0.171013	0.0998925	1
cg10403565	PALLD;PALLD;PALLD	0.282588	0.673093	0.902793	-1.10778	0.112049	0.626786	-1.51794	0.6160601	0.888538	-1.12972	0.451592	0.831113	-1.20121	0.571706	1.1478	1.1478	0.2296	0.737816	-1.35535	0.0597459	1.66912	1.66912	0.290901	0.76774	-1.30252	0.592349	1.19924	1.19924	1.52175	1.40215	0.819028	1
cg07080220	HIF1AN	0.282588	0.623337	0.748622	-1.60435	0.584802	0.625449	-1.37656	0.0845553	1.05247	1.05247	0.346445	1.56041	1.56041	0.25822	0.638157	-1.57113	0.447717	0.762893	-1.31104	0.0942296	0.522314	-1.91456	0.648773	1.17579	1.17579	0.40677	0.741038	-1.34946	1.52175	3.605751	1.75572	1
cg22365313	PAPSS1	0.282589	0.815529	0.929553	-1.07579	0.918072	1.03268	1.03268	0.518308	0.8144888	-1.22716	0.489074	0.802781	-1.24567	0.695976	0.8844883	-1.1306	0.843614	0.940128	-1.06368	0.571051	0.816145	-1.19596	0.0194897	2.41729	2.41729	0.165121	0.629499	-1.58856	1.52175	2.35492	1.37557	1
cg01522456	TSPAN2	0.282593	0.198185	1.7311	1.7311	0.705056	0.805565	-1.12222	0.251052	0.625353	1.5991	0.642931	0.850564	1.17539	0.0421765	0.790498	-1.26479	0.398042	1.76447	1.76447	0.19578	7	7	0.276205	0.916349	1.04077	0.13778	3.23476	3.23476	1.16742	1	
cg19053250	UNC80;UNC80	0.282593	0.846934	0.92531	-1.08072	0.685499	1.17767	1.17767	0.321499	1.50894	1.50894	0.195793	1.73242	1.73242	0.0421926	0.406087	-2.46253	0.365876	1.45233	1.45233	0.202704	1.71635	1.71635	0.361358	1.45775	1.45775	0.552401	1.785492	-1.27309	1.52173	3.888661	2.27145	1
cg26503032	SSH1;DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZAP2	0.282595	0.673758	1.11214	1.11214	0.635955	1.11993	1.11993	0.0215307	1.99973	1.99973	0.59425	0.87375	-1.14449	0.604535	1.14013	1.14013	0.157218	1.46186	1.46186	0.138209	1.49282	1.49282	0.20063	1.40398	1.40398	0.978835	1.00668	1.00668	1.52173	1.518357	0.887048	1
cg02003611	AP2;DAZAP2	0.282595	0.967494	1.00761	1.00761	0.862687	0.968307	-1.03273	0.352385	0.836891	-1.1949	0.540962	0.89124	-1.12203	0.28551	0.813532	-1.22921	0.111694	0.72449	-1.38028	0.017315	0.583168	-1.71477	0.83665	1.07489	1.07489	0.512473	0.834157	0.487257	1	
cg25620200	LRRN4CL	0.282596	0.207856	0.538864	-1.85677	0.191981	0.90431	-1.10552	0.83183	1.13715	1.13715	0.210955	0.491229	2.03777	0.0130554	0.384554	-2.60134	0.108644	0.346778	-2.88454	0.0077502	0.244956	-4.2554	0.174974	0.418172	-2.39136	0.0977092	0.333496	-2.99854	1.52172	8.80324	5.14226	1
cg14003046	CADM1;CADM1	0.2826	0.0880993	0.522169	-1.91509	0.402978	0.744179	-1.34376	0.363275	1.38067	1.38067	0.238482	1.5315	1.5315	0.23354	0.64973	-1.5391	0.116998	0.70949	1.09697	0.529845	0.802742	-1.24573	0.128393	0.567	-1.76367	0.422129	1.32722	1.32722	1.52171	2.87251	1.67794	1
cg28336814	AGBL2	0.282608	0.199285	0.479042	-2.08775	0.208504	0.72861	-1.37185	0.0838255	0.584	-1.71233	0.328934	0.645777	-1.54907	0.0796449	0.8844884	-1.13095	0.346111	0.508651	-1.96565	0.0659749	0.554743	-1.80253	0.170212	0.814888	-1.22756	0.464443	-2.14388	0.742568	7.09715	4.14579	1	
cg03576956	FPR1	0.282611	0.0489936	0.156191	-6.40242	0.658521	0.629231	-1.44398	0.127597	0.256435	-3.89963	0.250327	0.370729	-2.69739	0.0362023	0.133726	-7.47796	0.442247	0.525048	1.90459	0.81898	0.827492	-1.20847	0.193306	0.320746	-3.11773	0.554297	0.610121	-1.63902	1.52168	16.4443	9.60597	1
cg08684565	PLS2B3	0.282611	0.337252	1.19106	1.19106	0.271749	0.816939	-1.22408	0.32282	0.834867	-1.19779	0.36084	1.18059	1.18059	0.402288	1.16356	1.16356	0.43912	1.14965	1.14965	0.33813	1.19066	1.19066	0.143689	1.32003	1.32003	0.0567781	1.46381	1.46381	1.52167	0.752705	0.439694	1
cg18628375	REC8;RICE8	0.282613	0.850151	1.03937	1.03937	0.754008	1.14738	1.14738	0.0918551	1.11142	1.11142	0.0955693	1.02628	1.02628	0.541994	1.12142	1.12142	0.0898886	1.12042	1.12042	0.56629	0.8833186	-1.12564	0.207373	1.13182	1.13182	0.12167	1.00432	1.00432	1.52167	0.0010535	0.586678	1
cg20935945	C17orf28	0.282613	0.219769	0.695398	-1.43803	0.34428	0.31555	0.31555	0.940487	1.02124	1.02124	0.502797	0.533524	-1.87433	0.691126	0.868422	-1.15151	0.759872	0.917313	-1.09014	0.041597	0.516132	-1.93749	0.965125	0.987766	-1.01239	0.802382	0.931838	-1.07315	1.52167	1.91007	1.11577	1
cg11350889	RAI14;RAI14;RAI14;RAI14;RAI14	0.282615	0.178834	1.56054	1.56054	0.164455	0.843344	-1.18576	0.765028	1.07655	1.07655	0.853663	0.96777	-1.03358	0.766153	1.02723	1.02723	0.787344	1.03815	1.03815	0.909703	0.947098	1.12534	0.189677	1.04531	1.04531	0.0956828	1.10557	1.10557	1.52164	0.0956828	0.0994351	-0.4634	1
cg04887082	MYOF;MYOF	0.282617	0.0404441	0.465411	-2.14864	0.385129	1.33341	1.33341	0.431679	0.771562	-1.29607	0.451457	0.780423	-1.28136	0.175159	0.627538	1.59353	0.380109	0.747556	-1.33769	0.110605	0.570169	-1.75387	0.537534	1.22353	1.22353	0.453716	0.781424	-1.27971	1.52165	2.51667	1.47014	1
cg16111073	DNAH10	0.282618	0.612867	0.89021	-1.12133	0.44484	1.19427	1.19427	0.107581	0.670135	-1.49224	0.300478	1.27705	1.27705	0.654304	0.902367	-1.1082	0.053933	0.607309	-1.64661	0.33735	1.25289	1.25289	0.399585	0.821558	-1.21772	0.488013	0.851647	-1.1742	1.52165	1.25202	0.731377	1
cg10057793	RDH2	0.282621	0.404841	0.7	0.7	0.705016	1.42552	1.42552	0.104153	0.3458	0.689086	-1.4512	0.114103	0.667171	-1.49887	0.254099	0.139135	0.880686	-1.13511	0.112103	0.667171	-1.49887	1.4395	1.4395	0.679064	0.907259	-1.10222	0.474132	0.843487	-1.18555	1.52164	1.31882	0.770409	1
cg19445193	4-Mar	0.282621	0.992384	0.997807	-1.0022	0.0763273	0.63532	-1.57401	0.0255783	0.543235	-1.84082	0.23766	0.752335	-1.3292	0.293536	0.778287	1.28487	0.540586	0.867176	-1.15317	0.367879	0.808334	-1.23711	0.941184	0.983168	-1.01712	0.149702	0.700951	-1.42663	1.52164	1.2754	0.745042	1
cg15560337	HYAL4	0.282623	0.0786387	0.317811	-3.17466	0.265352	0.56335	-1.30491	0.128553	0.382107	-2.61707	0.23191	0.549533	-1.81973	0.0780922	0.310694	-3.21493	7	7	0.266008	0.502298	-1.98885	0.0715483	0.282869	-3.53541	0.123644	0.301511	0.732645	0.384868	-2.59837	0.844868	1	
cg19504001	LRP1	0.282636	0.8106	1.08814	1.08814	0.213102	1.5862	1.5862	0.0406193	2.29746	2.29746	0.962811	1.01654	1.01654	0.298535	0.684454	-1.46102	0.267502	0.666028	-1.50144	0.640453	0.847462	-1.17999	0.194961	1.61987	1.61987	0.995621	1.00193	1.00193	1.52159	2.98333	1.74281	1
cg26780705	TRIM65	0.282641	0.606431	0.752139	-1.32954	0.0772741	0.340757	-2.93464	0.942035	1.04066	1.04066	0.446359	1.53027	1.53027	0.225492	0.49773	-2.00912	0.0877778	0.355093	-2.80905	0.106349	0.38039	-2.62888	0.172087	0.450815	-2.2182	0.938978	1.0076	1.0076	1.52158	7.23979	4.2294	1
cg19242462	C12orf51	0.282642	0.0786387	0.317811	-3.17466	0.265352	0.56335	-1.30491	0.128553	0.382107	-2.61707	0.23191	0.549533	-1.81973	0.0780922	0.310694	-3.21493	7	7	0.266008	0.502298	-1.98885	0.0715483	0.282869	-3.53541	0.123644	0.301511	0.732645	0.384868	-2.59837	0.844868	1	
cg09038450	NIT2	0.282645	0.704309	0.941268	-1.0624	0.220617	1.2682	1.2682	0.0460193	2.29746	2.29746	0.962811	1.01654	1.01654	0.298535	0.684454	-1.46102	0.267502	0.666028	-1.50144	0.640453	0.847462	-1.17999	0.194961	1.61987	1.61987	0.995621	1.00193	1.00193	1.52159	2.98333	1.74281	1
cg07408552	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.282646	0.551806	0.894102	-1.11842	0.558202	1.0032	1.0032	0.0074596	1.80683	1.80683	0.553386	1.12112	1.12112	0.0893228	0.891258	-1.12178	0.0277958	0.355993	-2.80905	0.106349	0.38039	-2.62888	0.172087	0.450815	-2.2182	0.938978	1.0076	1.0076	1.52158	7.23979	4.2294	1
cg01418188	OSBPL5;OSBPL5;OSBPL5	0.282648	0.0987091	0.319692	-3.12801	0.898465	0.922872	-1.08357	0.525454	1.49971	1.49971	0.412115	0.589664	-1.69588	0.0684111	0.276641	-3.6148	0.0877778	0.355093	-2.80905	0.106349	0.38039	-2.62888	0.172087	0.450815	-2.2182	0.938978	1.0076	1.0076	1.52158	7.23979	4.2294	1
cg08443436	OPTG	0.282655	0.702519	1.14335	1.14335	0.10385	1.86052	1.86052	0.155172	1.78878	1.78878	0.181216	1.64135	1.64135	0.841307	0.928237	-1.07727	0.234719	0.647284	-1.54468	0.0925961	0.398677	1.86529	0.602566	1.20129	1.20129	0.512555	2.93673	1.71564	1	
cg07515369	SPSB4	0.282658	0.149506	0.46186	-2.16495	0.468301	1.50182	1.50182	0.183242	0.855349	-1.17461	0.71489	1.09433	1.09433	0.0952602	0.914222	-1.09348	0.424411	0.818366	-1.22195	0.0941504	1.15462	1.15462	0.0621638	1.6752	1.6752	0.152185	1.45796	1.45796	1.52155	1.45796	0.849924	1
cg07068735	RAB8B	0.28266	0.341851	0.573351	-1.74413	0.45359	0.648166	-1.54282	0.142906	0.408886	-2.44567	0.291516	0.537064	-1.86198	0.935428	0.955021	-1.0471	0.900994	1.07325	1.07325	0.314461	1.80546	1.80546	0.048398	3.59995	3.59995	0.577615	0.726503	-1.37646	1.52152	7.77342	4.54133	1
cg01241798	GAN1	0.282665	0.961039	1.04147	1.04147	0.0545508	0.831135	1.20286	0.694943	0.548813	-1.82235	0.274837	0.817704	-1.22349	0.0494813	1.20529	1.20529	0.941976	1.07388	1.07388	0.364939	1.32414	1.32414	0.0213638	1.32414	1.32414	0.0213638	1.32414	1.32414	1.52151	2.9316	1.28037	1
cg23338594	CNTN4	0.282665	0.780236	1.07557	1.07557	0.463837	1.21433	1.21433	0.155485	0.6731	-1.48566	0.291097	0.751765	-1.3302	0.0257075	0.501558	-1.99379	0.686311	0.896553	-1.11154	0.679016	0.897288	-1.11447	0.960464	0.987172	-1.01299	0.330082	1.29922	1.29922	1.52151	1.63463	0.954084	1
cg09155469	ANGPTL5	0.282667	0.485253	1.14276	1.14276	0.114501	0.916217	-1.09173	0.447473	0.417825	0.837396	-1.19418	0.240528	0.768457	-1.30131	0.0498976	0.6192	-1.61499	0.094813	0.674717	1.4821	0.952503	0.987315	-1.01284	0.895401	1.02859	1.02859	0.279501	0.785655	-1.27283	1.52149	1.10702	0.644274	1
cg02594028	SEPT2;HDLBP;SEPT2;SEPT2;SEPT2	0.282677	0.318743	0.778291	-1.28487	0.875405	1.03889	1.03889	0.0417444	0.827257	-1.20881	0.285516	0.762129	-1.31147	0.945218	1.05886	1.05886	0.190024	0.715594	-1.40136	0.0415944	0.523403	-1.91159	0.857432	1.04151	1.04151	0.348629	1.26454	1.26454	1.52146	1.42576	0.839279	1
cg26058265	SMAP2	0.282678	0.0956805	0.34075	0.34075	0.274471	0.21574	0.21574	0.322154	1.96216	1.96216	0.0861578	1.48899	1.48899	0.441715	1.677	1.677	0.380492	1.80918	1.80918	0.34373	1.9001	1.9001	0.0360159	0.98967	0.98967	0.115799	1.08515	1.08515	1.52146	0.10466	6.1149	1
cg00500076	ATG28	0.282681	0.708027	1.03183	1.03183	0.1612	1.4612	1.4612	0.0516994	1.63678	1.63678	0.210177	1.33443	1.33443	0.0491328	0.750194	-1.33284	0.661855	1.12882	1.12882	0.15053	1.55675	1.55675	0.0309246	1.33252	1.33252	0.0189559	1.06478	1.06478	1.52145	0.5939149	0.3107	1
cg05393149	B3GNT2	0.282681	0.527991	0.870578	-1.14866	0.774414	0.93961	-1.06427	0.337102	0.806922	-1.23928	0.550088	0.877153	-1.14005	0.319689	0.807909	-1.23776	0.367768	1.22207	1.22207	0.0942619	0.67115	-1.48998	0.13613	0.706019	-1.41639	0.112757	0.54385	1.45385	1.52145	1.13224	0.661501	1
cg26008844	SEMA5A	0.282683	0.479305	1.47324	1.47324	0.706254	1.12652	1.12652	0.197212	2.10319	2.10319	0.273144	1.84971	1.84971	0.492401	1.634476	-1.57611	0.81783	0.883008	-1.13249	0.955266	0.970202	-1.03071	0.0105683	0.847729	-1.17939	0.159538	1.33514	1.33514	1.52143	2.00741	1.40466	1
cg23763836	CHST15	0.282691	0.79706	0.937633	-1.06652	0.246887	1.35335	1.35335	0.279354	1.32452	1.32452	0.741925	0.920737	-1.08609	0.0254838	0.515075	-1.94146	0.998728	0.999602	-1.0004	0.233884	1.36153	1.36153	0.974612	0.992079	-1.00798	0.731467	1.0899	1.0899	1.52142	1.70546	0.879155	1
cg19001226	HOXD1;HOXD1	0.282694	0.508481	1.15996	1.15996	0.516251	0.864503	-1.15673	0.103952	0.674834	-1.48185	0.0259968	0.557368	-1.79415	0.988973	1.00306	1.00306	0.845583	0.957783	-1.04408	0.724468	0.924696	-1.08144	0.39091	1.21465	1.21465	0.320389	0.79682	-1.25499	1.52141	1.17914	0.688919	1
cg13178487	CLCC1;CLCC1	0.282701	0.66473	1.10398	1.10398	0.439504	0.831135	1.18203	0.419604	0.71257	-1.40403	0.0760944	1.20572	1.20572	0.0214767	1.20529	1.20529	0.941976	1.07388	1.07388	0.364939	1.32414	1.32414	0.0213638	1.32414	1.32414	0.0213638	1.31759	0.163344	1.40145	1.52138	0.0704941	0.204606	1
cg10184886	PLA2G6;PLA2G6	0.282707	0.469452	1.28006	1.28006	0.730155	0.890328	-1.12318	0.399951	1.3352	1.3352	0.617571	0.844607	-1.18398	0.140152	0.587139	-1.70318	0.647722	0.549449	-1.82005	0.0107968	0.555204	-1.80114	0.42682	0.76169	-1.31287	0.511484	0.799789	-1.25083	1.52136	2.71213	1.58462	1
cg00881010	NHLH1	0.282708	0.0242184	0.0977936	0.0977936	0.0213736	0.567736	0.567736	0.0213736	0.758248	-1.3188	0.0258248	0.758248	-1.3188	0.0215626	0.565239	-1.7057	0.703168	0.7	0.7	0.649795	1.26748	1.26748	0.0252328	1.18533	1.18533	0.0252328	0.818127	-1.22231	0.534902	1.52134	2.74602	1.62667	1
cg12647281	CTBP2;CTBP2	0.282708	0.715222	1.27108	1.27108	0.0219727	0.64274	0.64274	0.0896233	3.40405	3.40405	0.777196	1.20407	1.20407	0.743326	0.806466	-1.23998	0.200613	2.42272	2.42272	0.633849	1.36905	1.36905	0.229838	2.28129	2.28129	0.891178	0.91429	-1.09374	1.52136	10.3248	6.03252	1
cg21006836	TRIM72	0.282715	0.0954805	0.34075	0.34075	0.274471	0.21574	0.21574	0.322154	1.96216	1.96216	0.0861578	1.48899	1.48899	0.441715	1.677	1.677	0.380492	1.80918	1.80918	0.34373	1.97689	1.97689	0.98051	1.12813	1.12813	0.0994476	1.64496	1.64496	1.52136	26.501	15.4839	1
cg13072241	GPR126;GPR126;GPR126;GPR126;GPR126	0.282721	0.708027	1.03183	1.03183	0.1612	1.4612	1.4612	0.0516994	1.63678	1.63678	0.210177	1.33443	1.33443	0.0491328	0.750194	-1.33284	0.661855	1.12882	1.12882	0.15053	1.55675	1.55675	0.0309246	1.33252	1.33252	0.0189559	1.06478	1.06478	1.52135	0.1976	0.09224	1
cg09143959	DIP2C	0.282715	0.982246	0.993121	-1.00693	0.216663	0.664884	-1.50402	0.0572202	0.513085	-1.94899	0.645544	1.1545	1.1545	0.624048	1.16559	1.16559	0.367768	1.22207	1.22207	0.0942619	0.67115	-1.48998	0.13613	0.706019	-1.41639	0.112757	0.54385	1.45385	1.52145	1.13224	0.661501	1
cg20082456	SCP2;SCP2	0.282715	0.870553	0.912821	-1.09577	0.497251	0.611	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01063813	STAT6;STAT6	0.282973	0.229123	1.09951	0.19581	0.325213	1.74077	2.74077	0.885793	0.929706	-1.07561	0.408974	1.58536	1.58536	0.2225521	2.00278	2.00278	0.1946002	2.14929	2.11429	0.0248534	2.43405	2.43405	0.3738367	0.60769	-1.64558	0.6042458	1.13017	1.13017	1.5205	7.17019	4.1917	1
cg17508440	GTPBP1	0.282974	0.281077	0.803994	-1.23549	0.4011099	1.56469	1.56469	0.50751	1.13532	1.13532	0.847644	1.03697	1.03697	0.677589	0.924115	1.08212	0.3265001	0.825959	-1.21071	0.1430013	0.742951	-1.34598	0.4487892	0.864417	-1.15685	0.6885551	0.926767	-1.07902	1.5205	0.85799	0.501584	1
cg26193261	ATXN1;ATXN1	0.282979	0.247436	1.32095	1.32095	0.0592318	0.612483	-1.6327	0.710309	0.917705	-1.08968	0.202045	0.733406	-1.3635	0.921735	0.976334	-1.02288	0.9859997	0.995969	-1.00405	0.5675014	1.14227	1.14227	0.2803334	1.29473	1.29473	0.180555	1.3872	1.3872	1.52048	1.27584	0.745869	1
cg07607525	PIKFY	0.282981	0.163972	0.395149	-2.53072	0.157339	2.57455	2.57455	0.133182	2.70846	2.70846	0.294411	1.96764	1.96764	0.260476	1.505127	-1.37953	0.2194778	0.468099	-2.23759	0.528484	1.48591	1.48591	0.805614	1.16492	1.16491	0.817791	1.15358	1.15358	1.56856	9.31586	4.61911	1
cg00006397	NHLH1	0.282982	0.324811	0.550459	-1.81667	0.145487	2.50362	2.50362	0.277768	1.93995	1.93995	0.387655	0.594583	-1.68185	0.161936	0.544199	-1.83756	0.585199	0.723153	-1.38211	0.655447	0.768843	-1.30056	0.0522946	0.273633	-3.65452	0.459004	0.642297	-1.55691	1.52047	8.30185	4.85337	1
cg19083007	RCAN2	0.282985	0.99536	1.0028	1.0028	0.0625197	0.365519	-2.7383	0.585527	0.767679	-1.30263	0.07609098	2.5714	2.5714	0.823848	1.11298	1.11298	0.7703225	0.868877	-1.15091	0.193709	0.536721	-1.91528	0.2955309	0.59442	-1.68344	0.644382	1.25002	1.25002	1.52046	5.55592	3.24516	1
cg05707655	ABR;ABR;ABR	0.282989	0.129644	0.388467	-2.57422	0.243026	0.493846	-2.02492	0.269194	1.9436	1.9436	0.850443	0.896721	-1.11517	0.140651	0.400404	-2.49748	0.169969	0.429931	-2.32596	0.101754	0.355394	-2.81378	0.1709905	0.430827	-2.32112	0.664143	0.777013	-1.28698	1.52045	8.03129	4.69527	1
cg17892601	PDE4B;PDE4B;PDE4B	0.28299	0.640306	1.17445	1.17445	0.147703	0.534455	-1.90674	0.412993	0.601407	-1.66439	0.860414	0.991984	-1.07298	0.903606	0.652849	-1.53175	0.375642	0.561968	-1.77946	0.183967	1.43921	1.43921	0.341799	0.612441	-1.63281	0.146528	0.539373	-1.85577	1.52045	3.85664	2.25468	1
cg13564595	GRPEL1	0.282997	0.486619	1.17657	1.17657	0.909317	0.97413	-1.02656	0.148016	0.609778	-1.42902	0.161224	1.41086	1.41086	0.768803	1.07013	1.07013	0.052239	0.601761	-1.66179	0.733841	1.08201	1.08201	0.4988802	1.17111	1.17111	0.361809	1.24064	1.24064	1.52042	1.27427	0.744981	1
cg14427668	ATXN7L1;ATXN7L1	0.282999	0.144324	0.390514	-2.56072	0.410738	1.65593	1.65593	0.870714	1.10259	1.10259	0.495593	0.660425	-1.51418	0.0569653	0.274843	-3.63844	0.95398	1.03521	1.03521	0.785682	0.849229	-1.17754	0.0469419	0.255735	-3.91031	0.914827	0.937867	-1.06625	1.52042	8.65694	5.06114	1
cg10152449	CHST12	0.283004	0.543143	1.727837	1.727837	0.0185041	0.865941	-1.11494	0.914768	2.22842	2.22842	0.202682	1.39897	1.39897	0.199839	0.749058	-1.33484	0.362256	0.616374	-1.62247	0.191141	0.489498	2.042915	0.0078827	0.329992	-2.97609	0.391151	0.653406	1.53727	1.52038	6.41481	3.75596	1
cg21458030	TCF3;TCF3	0.283008	0.706399	0.9384112	-1.06563	0.689387	0.934741	-1.06981	0.780997	0.954264	-1.04793	0.0864253	1.37459	1.37459	0.0613096	0.70177	-1.42497	0.118824	1.32893	1.32893	0.660364	0.928417	-1.0771	0.8137073	0.960004	-1.03519	0.803085	0.958901	-1.04286	1.52039	0.679396	0.397206	1
cg08114452	BTBD10	0.283012	0.488078	1.34967	1.34967	0.458471	1.91984	1.91984	0.944673	1.37445	1.37445	0.268316	1.55617	1.55617	0.407468	0.722537	-1.38405	0.780906	1.11288	1.11288	0.307424	0.605346	-1.65151	0.0913518	0.657082	-1.52188	0.198454	1.39319	1.39319	1.52038	3.5427	2.07124	1
cg19897976	TMEM50A	0.283018	0.56797	1.16942	1.16942	0.298775	0.746747	1.75914	1.75914	0.78665	0.929077	-1.07634	0.8260224	0.875315	-1.14245	0.469521	-2.13121	0.23481	1.40167	1.40167	0.121185	0.634029	-1.57722	0.830473	0.943521	-1.05986	0.0324008	0.507032	-1.97226	1.52036	1.77042	1.03509	1
cg05455931	RGS7BP	0.283025	0.304124	0.82385	-1.21381	0.903546	1.02583	1.02583	0.884365	1.02685	1.02685	0.596229	1.10225	1.10225	0.407552	0.857065	-1.16677	0.106224	0.725284	-1.37877	0.148948	0.754426	-1.32551	0.0512285	0.667524	-1.49807	0.384075	1.17644	1.17644	1.52033	0.79814	0.466646	1
cg10776063	MAN2B1	0.283028	0.584278	0.558682	-1.78993	0.156124	4.94615	4.94615	0.328936	1.34888	1.34888	-2.8911	0.717652	0.63125	0.453187	0.832126	-1.21488	0.877012	0.850465	-1.17583	0.883066	0.532436	-1.87709	0.5479498	0.529071	-1.89764	0.212932	1.38638	1.38638	1.52032	26.731	15.6289	1
cg23400985	FUI	0.283033	0.579745	0.87431	-1.14376	0.767465	0.93127	-1.0738	0.33209	0.786401	-1.27162	0.888808	0.966964	-1.03416	0.8930944	0.968212	-1.03283	0.912461	0.973938	-1.02676	0.010828	0.463698	-2.15658	0.3337551	1.2705	1.2705	0.960549	0.988192	-1.01195	1.52031	1.38851	0.811827	1
cg24626542	NCOR2;NCOR2	0.283034	0.490605	0.797049	-1.25463	0.0770745	1.86569	1.86569	0.0195988	0.659237	-1.51764	0.0192558	1.53842	1.53842	0.977453	1.0092	1.0092	0.974357	1.01047	1.01047	0.456644	1.27843	1.27843	0.3992353	0.997204	-1.00174	0.904443	0.961834	-1.03968	1.5203	2.52795	1.47798	1
cg20178359	MT1E	0.283034	0.177919	1.86394	1.86394	0.315004	2.52137	2.52137	0.760944	1.3107	1.3107	0.445798	1.99192	1.99192	0.51552	1.78504	1.78504	0.577793	1.64634	1.64634	0.219737	1.13993	1.13993	0.3927126	1.2735	1.2735	0.0617836	0.456599	0.456599	1.5203	18.9293	11.0675	1
cg25676950	KCND1	0.28304	0.0660793	0.152523	-6.55637	0.421579	2.11444	2.11444	0.486936	0.525076	-1.90449	0.105253	0.52446	0.52446	0.895815	0.887372	-1.12692	0.164565	0.258609	-3.86684	0.831879	0.823746	-1.21397	0.9225339	0.915115	-1.09276	0.37742	2.28425	2.28425	1.52029	20.0289	11.7106	1
cg04245693	MARCKS;MARCKS	0.283048	0.0824572	0.640331	-1.56082	0.13048	1.76906	1.76906	0.633276	1.11535	1.11535	0.1018885	0.660196	1.51407	0.0660196	1.51407	1.51407	0.1137005	0.671667	-1.48883	0.171468	0.735476	1.35981	0.1703783	0.709772	1.40879	0.1703783	0.810174	1.2341	1.52026	1.28764	0.752875	1
cg00021945	ZNF613;ZNF613	0.283049	0.944941	1.0318	1.0318	0.142278	0.480402	-2.04415	0.64801	0.823161	1.23162	0.96545	1.23162	0.96545	0.0193983	0.928156	1.04151	1.04151	0.175485	0.520491	-1.92126	0.0929693	0.231112	0.3616451	0.145661	0.52961	1.52961	0.13166	2.09094	2.09094	1.52025	0.945436	0.429814	2.89213	1
cg19883186	NR0B1	0.283085	0.130815	0.163236	6.12966	0.488118	3.2254	3.2254	0.0504	0.283856	1.83583	0.0400093	2.47225	2.47225	0.262895	1.429439	1.429439	0.282386	0.215654	4.63776	0.0523232	0.46328	4.46328	0.0442428	0.283786	2.18504	0.453276	1.86053	0.992888	1.006	1.006	0.998339	1.01415	1.01415	1.52025	3.3107	2.53546	1
cg09148494	COX6B2;FAM71E2	0.283051	0.047044	0.596029	-1.67777	0.347744	0.802433	-1.24621	0.310315	1.26999	1.26999	0.370851	1.23269	1.23269	0.891858	0.103145	0.03145	0.292492	0.28228	3.28228	0.672317	1.1017	1.1017	0.3885	0.817739	-1.22288	0.239935	0.755678	-1.32331	1.52025	1.24799	0.729698	1
cg02685826	RPS6KL1	0.283053	0.751005	0.850863	-1.17528	0.800907	1.13677	1.13677	0.12195	1.24081	1.24081	0.0969623	2.51997	2.51997	0.98482	0.878275	-1.1386	0.151597	0.458663	-2.18025	0.307048	0.584818	-1.70993	0.209335	0.51104	-1.9568	0.880524	0.926534	-1.07929	1.52024	6.19703	3.62341	1
cg26245181	ACSF3;ACSF3;ACSF3	0.283065	0.437227	1.16521	1.16521	0.22696	0.719172	1.93643	1.93643	0.0140079	0.616826	0.877854	1.13914	1.13914	0.0400093	0.472425	0.826895	0.450549	0.82539	-1.21155	0.125638	1.08469	1.08469	0.4884586	0.9753	1.02564	0.853102	1.08185	1.08185	1.04813	1.04813	0.966312	1.01095	1.01095	1.52023	0.93779	0.615031	1
cg19286437	LDB3;LDB3;LDB3;LDB3;LDB3;LDB3	0.283066	0.153667	3.40479	3.40479	0.168511	3.24424	3.24424	0.223555	2.78892	2.78892	0.200938	2.95456	2.95456	0.584967	1.55634	1.55634	0.163572	3.29535	3.29535	0.0877749	4.53303	4.53303	0.0728296	4.97807	4.97807	0.0862921	4.57206	4.57206	1.5202	15.4884	9.05633	1
cg13892157	MIR1276;KLHL25	0.283072	0.640402	0.809836	-1.40048	0.253882	2.40443	2.40443	0.0133854	1.6864	1.6864	0.218288	2.67939	2.67939	0.0196263	1.88615	1.88615	0.853174	1.15143	1.15143	0.753591	0.789918	-1.26595	0.4072387	0.755452	-1.32403	0.284358	0.754528	-1.32518	1.52021	1.20336	0.703715	1
cg01217080	ZNF385A;ZNF385A;ZNF385A	0.283073	0.284158	0.823733	-1.2463	0.0280542	0.598415	-1.67108	0.0915788	0.69237	-1.44431	0.659124	0.915898	-1.09182	0.706477	1.07774	1.07774	0.220803	0.77513	-1.29011	0.397787	0.842541	-1.18689	0.0975997	0.96325	-1.03815	0.545672	1.12865	1.12865	1.52018	0.942862	0.551316	1
cg07304343	FAM86A1	0.283078	0.838449	1.02616	1.02616	0.103115	1.25303	1.25303	0.0468409	1.3336	1.3336	0.177243	1.198891	1.198891	0.80551	1.0317	1.0317	0.198646	0.842105	-1.1875	0.697253	1.0507	1.0507	0.737051	1.04355	1.04355	0.285433	1.15069	1.15069	1.52016	0.985332	0.225316	1
cg16162018	NOP56;SNORD57;NOP56	0.283081	0.739732	1.19028	1.19028	0.243357	0.515115	1.76906	0.633276	1.11535	1.11535	0.1018885	0.660196	1.51407	0.0660196	1.51407	1.51407	0.1137005	0.671667	-1.48883	0.171468	0.735476	1.35981	0.1703783	0.709772	1.40879	0.1703783	0.810174	1.2341	1.52026	1.28764	0.752875	1
cg15325756	KIF1B	0.283087	0.158542	1.45296	1.45296	0.219152	0.725914	-1.37577	0.0445754	1.77127	1.77127	0.813807	0.967436	-1.03366	0.847171	0.953298	-1.04899	0.600883	1.13978	1.13978	0.194888	0.71186	-1.40477	0.944528	0.982899	-1.0174	0.715359	0.913216	-1.09503	1.52013	1.47926	0.864992	1
cg06158244	LOC401093;MIBNL1;LOC401093;MIBNL1	0.283091	0.531289	0.912025	-1.09646	0.146474	1.254	1.254	0.108513	1.28946	1.28946	0.27359	1.17992	1.17992	0.185666	1.22604	1.22604	0.343878	1.1521	1.1521	0.132682	0.790097	-1.26567	0.5331352	1.09594	1.09594	0.852434	1.02741	1.02741	1.52012	0.507683	0.296867	1
cg13572545	FBXO30	0.283092	0.655553	0.946984	-1.05598	0.551544	1.07583	1.07583	0.187629	1.18462	1.18462	0.503094	0.920855	-1.08595	0.563281	1.07347	1.07347	0.367159	1.11896	1.11896	0.072154	0.78313	-1.27693	0.179015	1.18911	1.18911	0.198568	1.17921	1.17921	1.52012	0.354411	0.207242	1
cg02314560	CRTAP	0.283099	0.242417	1.49011	1.49011	0.0566316	0.485318	1.37454	0.354955	1.14008	1.14008	0.916496	1.41004	1.41004	0.401031	0.845033	-1.18326	0.283786	1.63576	1.63576	0.0153192	0.462328	2.163404	0.0155349	0.355395	2.81359	0.154546	0.633476	1.48026	1.15444	1.15444	0.153225	1.14978	1.15009	1.5879	1.83209	0.832107	1
cg09706617	BRSK2	0.283101	0.865462	0.966275	-1.0349	0.399419	1.19068	1.19068	0.809293	1.05013	1.05013	0.210662	1.30584	1.30584	0.759647	1.06405	1.06405	0.177064	1.33679	1.33679	0.0268315	1.69992	1.69992	0.0643155	1.52277	1.52277	0.41882	1.18191	1.18191	1.52009	0.985395	0.576222	1
cg07860833	ACOX1;ACOX1	0.283105	0.120451	1.89844	1.89844	0.0351615	0.845668	-1.28015	0.0558489	0.620177	-1.61258	0.0215869	0.781565	1.27891	0.0221607	0.715465	-1.39795	0.0824994	2.021667	1.97463	0.0173468	0.703256	1.42194	0.0216153	0.516427	-1.93573	0.0215307	0.760329	1.22584	1.52009	0.888355	0.113141	0.052307	0.69369	2.15381	1
cg20544061	MID2;MID2;MID2;MID2	0.283109	0.0585142	0.442259	-6.93196	0.254849	0.341301	2.92996	0.76864	0.765880	-1.30557	0.198974	0.341191	0.341191	0.480805	1.91145	1.91145	0.14027	0.238128	-4.19942	0.897194	0.889625	-1.12407	0.491749	0.88028	1.88028	0.572595	0.674554	1.67454	1.52006	19.6835	11.5104	1
cg01056478	YY1	0.283109	0.112557	0.29791	-3.35672	0.296597	2.13536	2.13536	0.747753	0.79756	-1.25382	0.513906	0.628735	-1.5905	0.667502	0.237872	-4.20394	0.54817	0.653137	-1.53107	0.220213	0.405108	-2.46847	0.226788	0.43413	2.43413	0.544753	0.650704	-1.5368	1.52006	11.8305	6.91813	1
cg27508021	NTSC2;NTSC2	0.283111	0.120451	1.89844	1.89844	0.0351615	0.845668	-1.28015	0.0558489	0.620177	-1.61258	0.0215869	0.781565	1.27891	0.0221607	0.715465	-1.39795	0.0824994	2.021667	1.97463	0.0173468	0.703256	1.42194	0.0216153	0.516427	-1.93573	0.0215307	0.760329	1.22584	1.52009	0.888355	0.113141	0.052307	0.69369	2.15381	1
cg12570429	LPO;LPO;LPO	0.283111	0.864905	1.07412	1.07412	0.750289	1.14348	1.14348	0.0562369	0.403374	-2.47009	0.856977	0.927044	-1.0787	0.132439	0.505717	-1.97739	0.054769	0.405595	-2.49629	0.565958	0.783757	-1.27591	0.385342	0.688167	-1.45313	0.148836	0.521964	-1.91584	1.52006	4.24506	2.4824	1
cg18791121	C19ISXL;C19ISXL	0.283112	0.0681137	0.353149	-2.83206	0.0118158	2.18353	2.18353	0.0400093	2.47225	2.47225	0.262895	1.429439	1.429439	0.282386	0.215654	4.63776	0.0523232	0.46328	4.46328	0.0442428	0.283786	2.18504	0.453276	1.86053	0.992888	1.006	1.006	0.998339	1.01415	1.01415	0.153225	1.14978	1.15009	1.5879	1.83209	0.832107	1
cg16627358	ZFPM1	0.283117	0.556172	1.15483	1.15483	0.0927883	0.639367	-1.56405	0.924529	1.02318	1.02318	0.261766	1.32712	1.32712	0.859342	0.95801	-1.04383	0.659655	1.11313	1.11313	0.0901129	1.57102	1.57102	0.0908869	1.56898	1.56898	0.513907	1.17362	1.17362	1.52004	1.40796	0.823351	1
cg20275919	CMC1	0.283126	0.134645	1.41433	1.41433	0.242082	0.804304	-1.10383	0.213894	1.38594	1.38594	0.251979	1.6864	1.6864	0.218288	2.67939	2.67939	0.218615	1.56782	1.56782	0.0159526	1.88615	1.88615	0.853174	1.15143	1.15143	0.753591	0.789918	-1.26595	0.4072387	0.754528	-1.32403	0.284358	0.754528	-1.32518	1.52004	1.20336	0.703715	1
cg20417689	MYO3A	0.283128	0.351597	0.695591	-1.43763	0.670016	0.850177	-1.17623	0.407318	0.725455	-1.37845	0.0402363	0.721779	1.38547	0.0423243	0.681953	1.46638	0.161024	0.327879	-3.05021	0.130705	0.501077	1.99557	0.0102497	0.50107	1.99557	0.0102497	0.754488	1.32565	1.5202	1.4162	2.01849	1
cg14073219	CLK4	0.283145	0.392174	0.486553	-2.05528	0.778586	1.2597	1.2597	0.262732	0.385769	-2.59222	0.829986	1.19255	1.19255	0.024755	0.105378	-9.48963	0.279585	0.396192	-2.52403	0.968792	0.968476	-1.03255	7	7	7	7	7	7	1.57	12.6917	8.08389	1
cg15029935	CRTC3;CRTC3	0.283147	0.440827	1.79211	1.79211	0.0433351	0.515115	1.76906	0.633276	1.11535	1.11535	0.1018885	0.660196	1.51407	0.0660196	1.51407	1.51407	0.1137005	0.671667	-1.48883	0.171468	0.735476	1.35981	0.1703783	0.709772	1.40879	0.1703783	0.810174	1.2341	1.52026	1.28764	0.752875	1
cg18844799	BAT5	0.283151	0.506562	0.858844	-1.16436	0.666555	1.02294	1.02294	0.664146	0.905977	-1.10378	0.370126	0.812189	-1.23124	0.427033	1.20117	1.20117	0.183368	0.726383	-1.37583	0.033885	0.573131	-1.75036	0.291215	1.28088	1.28088	0.538724	1.15105	1.15105	1.51993	2.22973	0.719177	1
cg19883426	PLEKHA1	0.283152	0.74976	0.7987	-1.25189	0.148841	0.201504	4.96209	0.0144121	0.926773	-1.07901	0.480377	1.74505	1.74505	0.343136	0.468579	-2.13411	0.885043	0.85799	-1.16563	0.294653	0.502281	-1.9881	0.0408613	0.24668	-4.05266	0.0782866	0.311181	1.31118	1.51992	1.54105	0.84809	1
cg19979738	TMPRSS6	0.283163	0.520282	1.27824	1.27824	0.0626043	0.451653	-1.22429	0.0699772	0.505658	-1.97762	0.527147	0.784749	-1.27429	0.934556	1.069409	-1.03156	0.189004	0.591053	-1.6919	0.232151	0.159646	1.59406	0.5925624	1.22674	1.22674	0.618586	1.827051	1.82705	1.20911	1.51988	3.44504	2.4148	1
cg25280092	SPRS13B	0.283169	0.882746	0.969658	-1.03129	0.262809	1.27601	1.27601	0.203248	1.32365	1.32365	0.529366	1.14228	1.14228	0.768404	0.917772	-1.0896	0.183044	1.34307	1.34307	0.0461097	0.620566	-1.61143	0.457164	1.17126	1.17126	0.449356	1.17462	1.17462	1.51987	1.04919	0.613613	1
cg18390494	GBAP1	0.283181	0.907616	1.01419	1.01419	0.0635214	1.35454	1.35454	0.561283	1.12302	1.12302	0.343874	1.12553	1.12553	0.202616	1.24245	1.24245	0.160642	1.20705	1.20705	0.0958314	1.34639	1.34639	0.3857178	1.1446	1.1446	0.314435	0.850894	0.850894	1.51982	0.604042	0.270065	1
cg00864666	RAPGEF4;RAPGEF4	0.283181	0.748375	0.784223	-1.27515	0.6680602	4.67945	4.67945	0.135932	3.36531	3.36531	0.848644	1.15522	1.15522	0.136067	0.297293	-3.36369	0.654652	1.40498	1.40498	0.367513	0.646348	-1.54715	0.8005594	1.21062	1.21062	0.23872	0.393804	-2.53933	1.51983	13.7286	8.02931	1
cg19052952	ZNF232	0.283183	0.0235649	0.623984	-1.60261	0.449658	1.14381	1.14381	0.425516	0.867954	-1.15214	0.219336	0.798277	-1.2527	0.148342	0.763052	-1.31053	0.178073	0.942846	-1.06062	0.8996	0.978225	-1.02226	0.9504139	0.803255	-1.24484	0.31948	0.835737	-1.19655	1.51981	0.732279	0.428286	1
cg16178104	HEXIM2	0.283192	0.651369	0.933771	-1.07138	0.402348	1.13873	1.13873	0.657989	1.06987	0.423623	1.131188	1.131188	0.397399	0.876908	1.14037	1.14037	0.255116	1.19685	1.19685	0.0247534	1.4996	1.4996	0.309771	0.858944	-1.16422	0.777582	0.957981	1.04386	1.51979	0.553074	0.323479	1
cg07373212	CHCH06	0.283195	0.886449	0.883245	-1.13219	0.0254863	1.042	1.042	0.170809	0.55035	0.55035	0.637235	1.51002	1.51002	0.586673	0.620651	-1.61121	0.536046	1.72372	1.72372	0.187398	0.29699	-3.36712	0.799027	1.24818	1.24818	0.89236	0.889015	-1.12484	1.51978	18.1728	10.6289	1
cg13423147	CS	0.283195	0.43938	1.27025	1.27025	0.043351	0.515115	1.76906	0.633276	1.11535	1.11535	0.1018885	0.660196	1.51407	0.0660196	1.51407	1.51407	0.1137005	0.671667	-1.48883	0.171468	0.735476	1.35981	0.1703783	0.709772	1.40879	0.1703783	0.810174	1.2341	1.52026	1.28764	0.752875	1
cg00011754	GRIP2	0.283197	0.0926901	0.746546	-13.395	0.754464	1.38507	1.38507	0.928844	1.09717	1.09717	0.266508	0.930584	-1.32686	0.140872	0.193112	5.17834	0.454651	0.945496	-2.19782	0.138273	0.19072	-5.2433	0.284119	0.314957	-3.17503	0.14894	0.200471	-4.98825	0.59178	25.9477	15.1763	1
cg22670128	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.283197	0.311456	0.680504	-1.46955	0.0945	1.52099	1.52099	0.185453	1.18543	1.18543	0.2959	1.01476	1.01476	0.884588	1.03755	-1.02448	0.660928	1.13515	1.13515	0.0214465	0.624148	-1.60222	1.51982	1.23794	1.23794	0.0838284	0.804919	1.03672	1.03672	1.51982	0.918573	0.612228	1
cg20272975	BEST4	0.283204	0.0870817	0.218176	-4.58346	0.672166	0.699121	-1.43037	0.55038	1.66212	1.66212	0.538161	0.592067	-1.689	0.0827305	0.198732	5.03191	0.302895	0.407627	-2.45322	0.2728088	0.185827	-5.38134	0.12825	0.250917	-3.98537	0.243273	0.358176	-2.79192	1.51976	17.0202	9.95494	1
cg08378342	SH3PXD2B	0.283207	0.157032	0.799777	-1.25035	0.700631	0.944566	-1.05869	0.342973	0.865691	-1.15554	0.291386	0.850763	-1.17542	0.39487	1.13728	1.13728	0.405127	1.13999	1.13999	0.41947	1.1295	1.1295	0.0533235	1.38272	1.38272	0.841826	1.02094	1.02094	1.51975	0.524539	0.3068	1
cg03039117	MED24;MED24	0.283208	0.490568	1.21413	1.21413	0.156058	0.750256	-1.33266	0.178446	1.04411	1.04411	0.489342	1.11517	1.11517	0.204915	1.15167	1.15167	0.0204135	1.13167	1.13167	0.0106165	1.34949	1.34949

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1527 vs. N)	Fold-Change(1527 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(2 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg00200346	C2orf18	0.2834564	0.0909391	0.367946	-2.72323	0.0867857	0.3620266	-2.76193	0.8250504	0.8878859	-1.62365	0.1024681	0.14868	0.4351598	-2.29781	0.307712	0.609704	-1.64014	0.567641	1.3638	1.3638	0.68109	1.247627	1.247627	0.1723718	0.1315137	-2.39742	1.51895	0.93883	0.47115	0.2970434	1.51895	0.93883	0.42612	1
cg27202708	C1orf65	0.283455	0.200528	0.503469	-1.97836	0.3906121	0.641542	-1.55874	0.32048	0.5957137	-1.67865	0.9001137	0.9386015	-1.0654	0.0319581	0.2813234	1.55462		0.1255561	0.433213	2.30833	0.62471	0.779749	-1.28246	0.0562178	0.335847	-2.97754	0.685465	0.814267	-1.2281	1.514894	6.1255	3.58466	1
cg18449964	ZADH2	0.2834562	0.20101	0.630986	-1.58482	0.0721474	0.5044224	-1.98246	0.5980065	0.8341044	-1.19889	0.7741226	0.9065491	-1.03908	0.2317114	0.652006	-1.53373		0.0799801	1.93942	1.93942	0.323794	0.706474	-1.41548	0.5272119	0.80378	-1.24412	0.5316662	0.8057161	-1.24113	0.518892	2.79681	1.63672	1
cg49109398	DDX27	0.2834563	0.0268194	0.119157	-8.93517	0.703197	1.376261	1.3766	0.97236	1.02935	1.02935	?	?	?	?	?	?	?	0.879744	0.881253	-1.1347	?	?	0.334873	0.4193829	-2.29421	0.6280565	1.503122	1.503122	1.523971	11.2181	9.81475	1
cg10241671	KPNA6	0.2834567	0.445344	2.50933	2.50933	0.0844998	11.9856	11.9856	0.0612379	16.5806	16.5806	?	?	?	?	?	?	?	0.876271	0.834855	-1.19781	?	?	?	0.581953	2.90857	2.90857	0.454047	2.460245	1.870826	21.0347	8.21085	1
cg00165788	DPSBL1;PSBL1	0.2834568	0.137377	0.247883	-4.03417	0.7909579	1.260556	1.26056	0.92826	1.08166	1.08166	0.8332251	1.201757	1.201757	0.3515161	0.4335596	-2.3063		0.3902048	2.15426	2.15426	0.2828625	0.107764	-9.27957	0.1652229	0.275178	-3.63401	0.8653363	0.8624492	-1.15943	0.5189	18.28	10.6978	1
cg16565206	LONP2	0.283468	0.203828	0.623179	-1.60468	0.0206055	2.673229	2.67323	0.251872	1.52515	1.52515	0.9910299	1.003997	1.003997	0.74483	1.12205	1.12205		0.4688021	0.771133	-1.29679	0.7810394	0.9064336	-1.10322	0.9459351	1.0242	1.0242	0.7087956	1.141444	1.141444	1.5189	2.99124	1.75053	1
cg23860451	MCM7;MCM7	0.2834548	0.186321	0.4396	-2.27479	0.1356564	0.3839313	-2.60662	0.4455397	0.577795	1.577795	0.9696418	1.02274	1.02274	0.0949453	0.340794	-2.93432		0.2686567	0.508724	1.9657	0.177619	0.4315515	-2.31742	0.0723441	0.308595	-3.2426	0.65461	0.767855	-1.30233	0.515886	8.27813	4.64464	1
cg21562363	THOC1	0.2834548	0.208254	1.37506	1.37506	0.401085	0.8135564	1.02916	0.7693351	0.9318446	-1.07314	0.1201027	0.149898	0.4898	0.379013	1.24193	1.24193		0.2944412	1.54579	1.54579	0.783068	0.935891	-1.0685	0.0985401	0.15483	1.5483	1.5483	0.224395	1.3585	1.3585	1.58635	0.8113351	1
cg12863565	EBF2	0.283495	0.185056	1.98238	1.98238	0.183655	1.98725	1.98725	0.0588639	2.82578	2.82578	0.134206	2.19526	2.19526	0.5052	1.38982	1.38982		0.407947	0.662267	-1.50997	0.563166	0.752338	-1.32919	0.267071	1.75578	1.75578	0.2946114	1.69757	1.69757	1.51881	5.70147	3.3368	1
cg08763309	TCERG1L	0.2834553	0.289938	1.23623	1.23623	0.1495102	1.36757	1.36757	0.444982	1.8804421	-1.16222	0.775783	1.06153	1.06153	0.5805694	0.8978624	-1.11377		0.0537176	1.52643	1.52643	0.22283	1.28059	1.28059	0.5123157	0.8795585	-1.1369	0.1925546	0.8444122	-1.18426	0.515881	0.8966585	0.5247987	1
cg09502149	SLC2A1	0.283506	0.309726	0.588851	-1.69822	0.385247	0.1586804	-1.56592	0.0704073	0.3667828	-1.72637	0.54752	0.735913	-1.33586	0.1752705	0.815424	1.20276		0.942289	1.03715	1.03715	0.575251	0.751852	-1.33005	0.0507853	0.36838	3.036838	0.370742	0.629359	-1.58892	0.518578	6.10527	3.57321	1
cg08445721	PRKCE	0.283511	0.014805	0.279209	-3.62307	0.02606	1.104805	1.04065	0.4928951	1.347457	1.34847	0.2586449	0.602916	-1.65863	0.1615598	0.528231	-1.81918		0.599209	0.794311	1.25858	0.515916	0.808417	-1.24252	0.0214452	0.044935	-1.55232	0.1609335	0.5234958	-1.90481	0.518277	4.43129	2.59468	1
cg13264208	SEC61A1	0.283522	0.559245	1.09107	1.09107	0.2560899	1.19121	1.19121	0.2893865	1.17623	1.17623	0.8348577	1.03129	1.03129	0.9834669	0.996947	-1.00306		0.6496251	0.934725	-1.06983	0.2312445	0.8312517	-1.203	0.1292645	1.27373	1.27373	0.0392224	1.422131	1.422131	0.518473	0.5239997	0.3066888	1
cg14812743	PDE7B	0.28353	0.339334	0.796651	-1.25526	0.0657477	1.6107	1.6107	0.592005	1.02078	1.02078	0.7721146	1.06932	1.06932	0.9880687	0.996554	-1.00346		0.884602	0.967031	-1.03409	0.153368	1.42321	1.42321	0.451203	1.19387	1.19387	0.0916148	0.651296	-1.5354	0.5187	1.28174	0.750198	1
cg20497631	MFHAS1	0.2834594	0.4333394	2.7932333	2.6066	0.5303922	1.02221	1.02221	0.155025	0.6443436	1.55025	0.9644994	1.49266	1.49266	0.4092621	0.9973331	1.02405		0.1227248	1.62345	1.62345	0.58075	1.17543	1.17543	0.301071	1.36408	1.36408	0.1811154	0.6627171	1.508804	0.5187	2.09048	1.182	1
cg19045644	IGFBP7	0.2834533	0.9605581	1.02534	1.02534	0.828454	1.11602	1.11602	0.159704	2.13909	2.13909	0.4948666	0.7041133	-1.42019	0.7034676	0.8240335	-1.21354		0.0865167	0.983556	-2.60716	0.0766992	0.3692026	-2.70855	0.2060995	0.50992	-1.96109	0.3105752	0.588019	-1.70063	0.518693	6.16059	3.60579	1
cg14331619	UCI1;SBTN5	0.2834535	0.590411	1.43979	1.18379	0.2796722	1.82935	1.82935	0.0246291	2.29561	2.29561	0.7978878	0.923407	-1.08295	0.37363	1.32788	1.32788		0.552124	1.20536	1.20536	0.122121	1.68247	1.68247	0.897479	1.04248	1.04248	0.994042	1.0002312	1.002312	0.518668	2.31903	1.35733	1
cg00093993	PLEKHF2	0.283537	0.170523	1.83088	1.83088	0.257052	1.61374	1.61374	0.103714	2.09029	2.09029	0.2506261	1.64449	1.64449	0.1967234	1.76542	1.76542		0.4133834	1.33277	1.33277	0.0627184	2.381669	2.381669	0.1224422	2.00092	2.00092	0.0752672	2.272113	2.272113	0.518868	4.129099	2.4173	1
cg27264374	ARAF	0.283537	0.0960406	0.214965	-4.65192	0.893526	0.893484	-1.11921	?	?	?	0.1064489	0.40364	0.40364	0.3169954	0.4189446	-2.38694		0.162877	0.285696	-3.50023	0.618418	1.52551	1.52551	0.900064	1.11145	1.11145	0.5379937	1.68965	1.68965	1.52045	15.141	9.95826	1
cg14930904	ARHGAP12	0.283538	0.0378642	0.62157	1.60838	0.0690734	1.46452	1.46452	0.140458	2.05405	2.05405	0.1636256	1.88689	1.88689	0.1244311	1.07365	1.07365	0.5902283	0.8705035	0.472382	1.15806	0.4648361	0.8622322	1.15956	0.4477287	2.1544644	0.8805005	-1.15606	0.417787	2.1544644	0.8805005	-1.18085	0.51667	0.9804463	0.5674333	1
cg21129531	LRRC4;SND1	0.283538	0.229613	0.465893	-2.14641	0.150484	0.3930056	-2.54417	0.429262	1.63056	1.63056	0.725739	0.807833	-1.23788	0.2233303	0.4605569	-2.17123		0.389498	0.586066	-1.70629	0.033448	0.2316764	-4.61331	0.195836	0.436558	-2.29064	0.3016507	0.522846	-1.91261	0.51867	8.83037	5.16847	1
cg06491946	SLC6A4	0.283545	0.0252968	0.29367	2.918483	0.1763033	1.177707	1.17707	0.4249783	1.342838	1.34238	0.1535882	1.15382	1.15382	0.4302121	1.260356	1.260356		0.964342	0.944488	-1.05877	0.3124466	0.7335	0.7335	0.3018514	1.27065	1.27065	0.1444174	2.70804	2.70804	1.51865	8.39139	5.22759	1
cg01473816	ELF5;ELF5	0.283549	0.579078	1.17069	1.17069	0.162104	1.52168	1.52168	0.134879	0.635501	-1.57354	0.381236	0.77679	-1.28735	0.666776	1.12956	1.12956		0.451307	1.24091	1.24091	0.132104	1.57946	1.57946	0.2090111	0.6890449	-1.45128	0.5106587	0.8289111	-1.2064	1.51864	1.90246	1.11355	1
cg06437446	B3GNTL1	0.283552	0.0823438	0.7157125	-1.39718	0.2263111	1.24982	1.24982	0.62615	0.9182104	-1.08907	0.677497	1.07539	1.07539	0.718006	0.938917	-1.06506		0.928649	1.01569	1.01569	0.202424	1.263351	1.263351	0.2639063	0.8167911	-1.2243	0.1407254	1.31751	1.31751	0.51863	0.7264849	0.4252232	1
cg00546158	UVF1	0.283559	0.23177	0.4902003	2.1548	0.0582676	0.5153832	1.87325	0.1776725	0.656266	-1.52377	0.549774	0.8373615	1.59422	0.2144409	0.693789	-1.44136		0.327913	1.34473	1.34473	0.280126	1.38999	1.38999	0.1814906	0.714776	1.11366	1.115366	0.9566574	0.984101	-1.02066	0.9566574	0.984101	-1.02066	0.51868	2.060605	1.12108	1
cg10754777	AKAP8L	0.283561	0.9182224	1.10348	1.10348	0.0643724	1.33391	1.33391	0.0346963	10.599	10.599	0.758873	1.34342	1.34342	0.286842	0.346302	-2.88765		0.9830337	1.02059	1.02059	0.8119992	0.8036989	-1.24426	0.621704	1.61107	1.61107	0.604967	0.6065327	-1.64927	0.5186	22.1117	12.9427	1
cg20731693	ADPRHL1	0.283621	0.878211	1.10765	-1.07679	0.0745473	2.58583	2.58583	0.203774	1.89801	1.89801	0.8739994	1.54336	1.54336	0.1458992	0.4300964	-2.32644	0.1474661	0.1235448	0.447345	-2.23561	0.0221376	0.1787531	1.42699	0.1405557	0.4922225	0.5857	0.5190636	0.3272989	0.5190636	0.3272989	0.5190636	0.3272989	1
cg23957311	ZIC4;ZIC4;ZIC4;ZIC4	0.283626	0.2314869	0.33145	-3.01704	0.326137	0.141902	2.41902	0.128392	0.41503	0.84503	0.851393	-1.17455	0.136262	0.2576166	0.388174	-2.57424	0.2414295	0.354364	-2.82196	0.463539	1.87959	1.87959	0.811598	0.8171122	-1.22381	0.220727	1.336595	0.370093	1.51855	17.2044	10.0707	1
cg10009497	C1orf50;C1orf50;C1orf50	0.283577	0.709188	1.13997	1.13997	0.630583	1.18464	1.18464	0.26276	1.50424	1.50424	0.0476209	2.20813	2.20813	0.177195	0.605599	-1.65126		0.465096	1.29688	1.29688	0.155101	1.76258	1.76258	0.178849	1.64772	1.64772	0.38335	1.366696	1.366696	1.51855	2.94082	1.72142	1
cg13186709	EPB41L2;EPB41L2	0.283587	0.75336	1.09139	1.09139	0.3638	0.6090274	1.24852	0.149082	2.05356	2.05356	1.16574	1.26574	0.8988044	1.18469	1.18469	0.3139703	0.5512265	0.8705035	0.727331	1.37481	0.2744431	0.7241	1.44438	0.5553011	1.84985	1.11698	1.16958	0.6152	0.9252739	0.7413897	1.11698	1.16958	0.6152	0.9252739	0.7413897	1
cg27372027	DNAJA3;DNAJA3	0.283592	0.9540882	1.01766	1.01766	0.872406	0.1490852	2.0494	0.0139506	2.54417	2.54417	0.429262	1.63056	1.63056	0.725739	0.807833	-1.23788	0.2233303	0.4605569	-2.17123	0.389498	0.586066	-1.70629	0.033448	0.2316764	-4.61331	0.195836	0.436558	-2.29064	0.3016507	0.522846	-1.91261	0.51867	8.83037	5.16847	1
cg08474026	HEXIM2	0.283593	0.2992312	0.6814987	2.9387	0.1763033	1.177707	1.17707	0.4249783	1.342838	1.34238	0.1535882	1.15382	1.15382	0.4302121	1.260356	1.260356		0.964342	0.944488	-1.05877	0.3124466	0.7335	0.7335	0.3018514	1.27065	1.27065	0.1444174	2.70804	2.70804	1.51865	8.39139	5.22759	1
cg25083636	PPA2;PPA2;PPA2;PPA2;PPA2	0.283593	0.237409	0.611228	-1.63605	0.0783974	2.17628	2.17628	0.297514	1.53656	1.53656	0.460304	0.741572	-1.34849	0.170625	0.559707	-1.78665		0.9939886	0.997007	-1.003	0.264852	0.629904	-1.58754	0.7488851	1.1368	1.13628	0.292291	0.647546	-1.54429	0.51849	3.804335	2.22697	1
cg07662676	ECH1	0.283599	0.986297	0.997633	-1.00237	0.128525	1.25445	1.25445	0.901629	1.01721	1.01721	0.11286	1.26888	1.26888	0.741689	0.955383	-1.0467		0.639523	0.93698	-1.06726	0.283952	1.16603	1.16603	0.823281	1.03115	1.03115	0.0287566	1.42747	1.42747	1.51848	0.4579924	0.26806	1
cg16370716	USP21;USP21;USP21;USP21	0.283601	0.8565692	1.08775	1.08775	0.2744236	0.5153832	1.87325	0.1776725	0.656266	-1.52377	0.549774	0.8373615	1.59422	0.2144409	0.693789	-1.44136		0.2677385	0.624053	-1.60243	0.145919	0.528528	-1.89205	0.0389307	2.65496	2.65496	0.348821	1.48285	1.48285	1.51845	4.01239	2.34882	1
cg34356804	CCL18A1;CCL18A1;CCL18A1	0.283608	0.532675	0.772494	-1.29451	0.913629	0.956651	-1.04531	0.591741	1.2475	1.2475	0.992473	0.996155	-1.00386	0.482967	1.33808	1.33808		0.2677385	0.624053	-1.60243	0.145919	0.528528	-1.89205	0.0389307	2.65496	2.65496	0.348821	1.48285	1.48285	1.51845	4.01239	2.34882	1
cg00425670	NEGR1	0.283615	0.4920002	0.8837257	1.13206	0.7035676	0.9795779	-1.02645	0.8837051	0.9284736	1.07057	0.9908855	0.718997	-1.39083	0.8921312	1.12082	1.12082		0.5125824	0.889311	-1.1482	0.6239585	0.8311684	-1.58436	0.0974403	0.2324473	0.5381	0.2324473	0.5381	0.2324473	0.5381	0.7544884	0.4416316	1
cg08605347	DIP2C	0.283616	0.62036	0.720857	-1.38724	0.315656	1.97406	1.97406	0.0848533	0.286746	-3.48741	0.150891	0.278311	2.74311	0.7431	0.865912	0.895135	1.11715	0.159802	0.67677	1.67677	0.152645	2.72965	2.72965	0.958424	0.956722	-1.03442	0.4559759	0.8904407	0.1230408	0.51843	10.3336	6.04927	1
cg23621496	RD3;RD3	0.283622	0.0575691	0.2112558	-4.73354	0.9331035	0.262824	-3.80482	0.174578	0.351541	-2.84461	0.242088	0.412158	-2.42625	0.0773048	0.2412488	-4.14443		0.226999	0.399225	-2.50485	0.345293	0.495091	-2.01983	0.123742	0.299127	-3.34307	0.491154	0.6027353	-1.65905	0.5184	12.6034	7.37816	1
cg22126845	DPT	0.283625	0.7599571	1.08125	1.08125	0.2744293	1.86182	1.86182	0.16106	2.64477	2.64477	0.1422777	1.40296	1.40296	0.0775107	0.7189907	-1.39083	0.892152	1.0042	1.0042	0.9704483	0.9944102	0.5518268	1.0385	0.9144483	-1.09351	0.2366511	1.582568	0.5184	1.7165	0.7194	0.4422825	0.5357	5.93096	3.27389	1
cg23957311	ZIC4;ZIC4;ZIC4;ZIC4	0.283626	0.2148869	0.33145	-3.01704	0.326137	0.141902	2.41902	0.128392	0.41503	0.84503	0.851393	-1.17455	0.136262	0.2576166	0.388174	-2.57424	0.2414295	0.354364	-2.82196	0.463539	1.87959	1.87959	0.811598	0.8171122	-1.22381	0.220727	1.336595	0.370093	1.51855	17.2044	10.0707	1
cg10009497	C1orf50;C1orf50;C1orf50	0.283577	0.709188	1.13997	1.13997	0.630583	1.18464	1.18464	0.26276	1.50424	1.50424	0.0476209	2.20813	2.20813	0.177195	0.605599	-1.65126		0.465096	1.29688	1.29688	0.155101	1.76258	1.76258	0.178849	1.64772	1.64772	0.38335	1.366696	1.366696	1.51855	2.94082	1.72142	1
cg13186709	EPB41L2;EPB41L2	0.283587	0.75336	1.09139	1.09139	0.3638	0.6090274	1.24852	0.149082	2.05356	2.05356	1.16574	1.26574	0.8988044	1.18469	1.18469	0.3139703	0.5512265	0.8705035	0.727331	1.37481	0.2744431	0.7241	1.44438	0.5553011	1.84985	1.11698	1.16958	0.6152	0.9252739	0.7413897	1.11698	1.16958	0.6152	0.9252739	0.7413897	1
cg27372027	DNAJA3;DNAJA3	0.283592	0.9540882	1.01766	1.01766	0.872406	0.1490852	2.0494	0.0139506	2.54417	2.54417	0.429262	1.63056	1.63056	0.725739	0.807833	-1.23788	0.2233303	0.4605569	-2.17123	0.389498	0.586066	-1.70629	0.033448	0.2316764	-4.61331	0.195836	0.436558	-2.29064	0.3016507	0.522846	-1.91261	0.51867	8.83037	5.16847	1
cg08474026	HEXIM2	0.283593	0.2992312	0.6814987	2.9387	0.1763033	1.177707	1.17707	0.4249783	1.342838	1.34238	0.1535882	1.15382	1.15382	0.4302121	1.260356	1.260356		0.964342	0.944488	-1.05877	0.3124466	0.7335	0.7335	0.3018514	1.27065	1.27065	0.1444174	2.70804	2.70804	1.51865	8.39139	5.22759	1
cg25083636	PPA2;PPA2;PPA2;PPA2;PPA2	0.283593	0.237409	0.611228	-1.63605	0.0783974	2.17628	2.17628	0.297514	1.53656	1.53656	0.460304	0.741572	-1.34849	0.170625	0.559707	-1.78665		0.9939886	0.997007	-1.003	0.264852	0.629904	-1.58754	0.7488851	1.1368	1.13628	0.292291	0.647546	-1.54429	0.51849	3.804335	2.22697	1
cg07662676	ECH1	0.283599	0.986297	0.997633	-1.00237	0.128525	1.25445	1.25445	0.901629	1.01721	1.01721	0.11286	1.26888	1.26888	0.741689	0.955383	-1.0467		0.639523	0.93698	-1.06726	0.283952	1.16603	1.16603	0.823281	1.03115	1.03115	0.0287566	1.42747	1.42747	1.51848	0.4579924	0.26806	1
cg16370716	USP21;USP21;USP21;USP21	0.283601	0.8565692	1.08775	1.08775	0.2744236	0.5153832	1.87325	0.1776725	0.656266	-1.52377	0.549774	0.8373615	1.59422	0.2144409	0.693789	-1.44136		0.2677385	0.624053	-1.60243	0.145919	0.528528	-1.89205	0.0389307	2.65496	2.65496	0.348821	1.48285	1.48285	1.51845	4.01239	2.34882	1
cg34356804	CCL18A1;CCL18A1;CCL18A1	0.283608	0.532675	0.772494	-1.29451	0.913629	0.956651	-1.04531	0.591741	1.2475	1.2475	0.992473	0.996155	-1.00386	0.482967	1.33808	1.33808		0.2677385	0.624053	-1.60243	0.145919	0.528528	-1.89205	0.0389307	2.65496	2.65496	0.348821	1.48285	1.48285	1.51845	4.01239	2.34882	1
cg00425670	NEGR1	0.283615	0.4920002	0.8837257	1.13206	0.7035676	0.9795779	-1.02645	0.8837051	0.9284736	1.07057	0.9908855	0.718997	-1.39083	0.8921312	1.12082	1.12082		0.5125824	0.889311	-1.1482	0.6239585	0.8311684	-1.58436	0.0974403	0.2324473	0.5381	0.2324473	0.5381	0.2324473	0.5381	0.7544884	0.4416316	1
cg08605347	DIP2C	0.283616	0.62036	0.720857	-1.38724	0.315656	1.97406	1.97406	0.0848533	0.286746	-3.48741	0.150891	0.278311	2.74311	0.7431	0.865912	0.895135	1.11715	0.159802	0.67677	1.67677	0.152645	2.72965	2.72965	0.958424	0.956722	-1.03442	0.4559759	0.8904407	0.1230408	0.51843	10.3336	6.04927	1
cg23621496	RD3;RD3	0.283622	0.0575691	0.2112558	-4.73354	0.9331035	0.262824	-3.80482	0.174578	0.351541	-2.84461	0.242088	0.412158	-2.42625	0.0773048	0.2412488	-4.14443		0.226999	0.399225	-2.50485	0.345293	0.495091	-2.01983	0.123742	0.299127	-3.34307	0.491154	0.6027353	-1.65905	0.5184	12.6034	7.37816	1
cg22126845	DPT	0.283625	0.7599571	1.08125	1.08125	0.2744293	1.86182	1.86182	0.16106	2.64477	2.64477	0.1422777	1.40296	1.40296	0.0775107	0.7189907	-1.39083	0.892152	1.0042	1.0042	0.9704483	0.9944102	0.5518268	1.0385	0.9144483	-1.09351	0.2366511	1.582568	0.5184	1.7165	0.7194	0.4422825	0.5357	5.93096	3.27389	1
cg08372668	LDLL1	0.283626	0.2389065	0.2129	1.29129	0.372015	0.15423	1.15423	0.976719	1.00458	1.00458	0.0753992	1.36311	1.36311	0.797308	0.35639	-2.80659	0.1423116	0.1623838	0.583066	0.8032332	1.24497	0.697489	0.940703	-1.06304	0.51839	0.5889004	0.344754	1
cg16991765	ADAMTS2;ADAMTS2	0.283634	0.0807705	0.3310808	3.0197	0.1438476	0.5382576	2.07114	0.2624592	0.4851997	0.6910202	0.4623	0.662266	0.8024979	0.2445628	0.4924379	-2.03099	0.2122544	0.2772529	0.7024	-1.42333	0.8008153	0.5132207	-1.95007	0.1244473	0.1344073	-7.43599	0.0801258	-2.08655	0.1210408	0.51839	0.7804113	0.6040666	1.2410858	0.51839	0.7804113	0.6040666	1.2410858	1
cg15978880	NFASC;NFASC;NFASC;NFASC	0.283636	0.220306	0.584709	-1.71025	0.349105	0.49389	1.49389	0.1006	0.21478	0.21478	0.905754	0.15056	0.05056	0.117418	0.4925958	-2.03022		0.326571	0.655888	-1.52465	0.274222	0.160603	0.160603	0.699119	1.17554	1.17554	0.556444	0.7805593	-1.28108	0.51836	4.16986	2.44116	1
cg10331100	CBFA2T3;CBFA2T3	0.283636	0.9609382	1.06385	1.06385	0.0481177	1.15194	1.15194	0.0424686	1.03703	1.03703	0.374013	1.55393	1.55393	0.1458992	0.4300964	-2.32644	0.1474661	0.1235448	0.447345	-2.23561	0.0221376	0.1787531	1.42699	0.1405557	0.4922225	0.5857	0.5190636	0.3272989	0.5190636	0.3272989	0.5190636	0.3272989	1
cg16655805	C6orf147	0.283637	0.335079	0.669555	-1.49322	0.2114726	1.68926	1.68926	0.374724	1.12286	1.12286	0.8620703	0.896568	-1.43561	0.0742456	0.3810885	-2.62393		0.2887257	1.56011	1.56011	0.450317	0.7329861	-1.36428	0.2119	0.587987	1.70072	0.378102	1.4408	1.4408	1.51835	3.92169	2.29587	1
cg03281426	HDAC4	0.283638	0.331882	0.554068	-1.80483	0.134179	2.5927	2.5927	0.2715	0.509059	-1.96441	0.547228	1.43229	1.43229	0.127978	0.378853	-2.63955		0.811787	1.15108	1.15108	0.0696078	0.302104	-3.31011	0.960456	1.02968	1.02968	0.736558	0.819424	-1.22037	1.51835	8.36605	4.89774	1
cg08436939	ZIC1;ZIC1;ZIC1;ZIC1	0.283639	0.838369	0.940466	1.06335	0.6483127	1.15194	1.15194	0.0424686	1.03703	1.03703	0.374013	1.55393	1.55393	0.1458992	0.4300964	-2.32644	0.1474661

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg20447079	GRB10;GRB32;GRB10;GRB10	0.283962	0.241156	0.65317	0.51213	0.100765	0.54634	-1.81273	0.533515	1.23681	1.23681	0.215079	0.670564	-1.49128	0.448489	0.770803	0.129755	0.111618	0.557673	-1.79316	0.35219	0.5808	1.3808	0.360014	0.14705	1.14705	0.712141	1.13304	1.5173	2.72948	1.59083	1
cg11557636	KIAA1239	0.283964	0.4927	1.11936	1.11936	0.253794	1.21272	1.21272	0.0355597	1.48584	1.48584	0.717881	1.04772	1.04772	0.978348	1.0044	1.0044	0.442587	0.880997	-1.13508	0.280003	0.833831	-1.19931	0.165311	1.27061	1.27061	0.325629	1.17851	1.17851	5.1573	0.629379	0.368713	1
cg13358873	ANTXR1;ANTXR1;ANTXR1	0.283965	0.647883	0.874663	-1.1433	0.0862926	1.73657	1.73657	0.960585	0.98571	-1.0145	0.406234	1.28076	1.28076	0.2513	1.41774	1.41774	0.39839	1.28635	1.28635	0.0899181	1.72356	1.72356	0.0629382	1.83912	1.83912	0.598676	0.856695	-1.16728	5.17729	2.03821	1.19406	1
cg20151170	DOK6	0.283967	0.856968	0.902561	-1.10796	0.480204	0.670881	-1.49055	0.14142	0.607149	-2.4561	0.2095612	1.12014	1.12014	0.104868	1.0022	1.0022	0.472943	0.764149	-1.3134	0.371054	0.593384	-1.68525	0.117082	2.63097	2.63097	0.808873	1.14763	1.14763	5.17227	7.75904	4.5456	1
cg06685411	BVRA NDUFB11;RBM10;NDUFB11;RBM10;NDU	0.283983	0.0365169	0.187785	-5.32523	0.0672872	0.243878	-4.10041	0.462176	0.597452	-1.67377	0.248712	0.436159	-2.29274	0.120648	0.313995	-3.18477	0.258311	0.444106	-2.25171	0.181399	0.376678	-2.65479	0.220576	0.412185	-2.42609	0.46889	0.602229	-1.6605	1.51724	1.13799	6.66705	1
cg05418506	UFB11;NDUFB11	0.283986	0.195624	0.265437	-3.76737	0.565914	1.75488	1.75488	0.931617	0.92019	-1.08673	0.152985	4.407	4.407	0.0435537	9.47941	9.47941	0.26755	0.326499	-3.0628	0.571715	0.574738	-1.73992	0.893559	1.13853	1.13853	0.787218	1.29979	1.29979	5.17223	22.5687	13.2222	1
cg26918915	TNFSF13B;TNFSF13B	0.283988	0.413678	0.808483	-1.23715	0.125171	0.642751	-1.55581	0.948439	1.01736	1.01736	0.90755	0.969472	-1.03149	0.22391	0.71559	-1.4053	0.952787	0.984356	-1.01589	0.0642593	1.73865	1.73865	0.220215	0.709453	-1.40994	0.243761	0.722685	-1.38373	5.51722	1.70408	0.998364	1
cg05977021	CDK6;CDK6 ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF	0.283989	0.993846	1.00237	1.00237	0.552581	0.831477	-1.20268	0.513813	0.815963	-1.22555	0.995599	0.998307	1.0017	0.749074	1.61096	1.61096	0.37341	1.32402	1.32402	0.306572	1.38424	1.38424	0.337172	1.10249	1.10249	0.460092	0.793721	-1.25989	5.51722	2.26728	1.32833	1
cg22795345	7;ARHGEF7	0.283993	0.403909	2.04867	2.04867	0.0117219	25.809	25.809	0.117609	5.7806	5.7806	0.889365	1.15452	1.15452	0.421105	2.33604	2.33604	0.825458	0.796116	-1.2561	0.895197	1.14575	1.14575	0.896084	1.14442	1.14442	0.723072	1.44384	1.44384	5.51721	25.6088	15.0035	1
cg23897913	MYOD1	0.283993	0.482419	0.523603	-1.90984	0.945951	1.16337	1.06337	0.0916832	0.185811	-5.38182	0.441648	0.491122	-2.03615	0.332418	0.404052	-2.47493	0.449334	2.01113	2.01113	0.0210941	0.0809577	-12.3521	0.669232	0.677409	-1.47621	0.436057	0.486678	-2.05475	1.5172	19.737	11.5634	1
cg14591340	C5orf21	0.283994	0.894589	1.09911	1.09911	0.709575	2.76648	2.76648	0.910449	1.05889	1.05889	0.153499	2.38234	2.38234	0.213274	2.213352	0.512761	-1.95923	0.463152	0.486055	0.488374	-2.04343	0.515863	1.63103	1.63103	0.540806	0.729356	-1.37107	5.5172	6.24316	3.65377	1
cg20596674	FAM129B	0.283995	0.0918595	0.612974	-1.63139	0.585866	0.864943	-1.15615	0.299299	0.752993	-1.32803	0.417505	0.803716	-1.24422	0.0694737	1.70833	1.70833	0.835896	0.946766	-1.05623	0.0757972	0.593816	-1.68402	0.287421	0.747292	-1.33817	0.0658999	0.58031	-1.72322	1.5172	1.67128	0.97916	1
cg05220442	MYH14;MYH14;MYH14	0.284002	0.0261724	0.33214	-3.01078	0.776688	0.988384	-1.01175	0.480366	0.741026	-1.34947	0.270342	0.619088	-1.61528	0.102443	0.473945	-2.10995	0.141573	0.516652	-1.93554	0.197907	0.566337	-1.76573	0.19072	0.567782	-1.76124	0.540271	0.771803	-1.29567	1.51717	4.19421	2.45733	1
cg22054912	MEGF11	0.284003	0.0957977	0.393406	-2.54191	0.227704	0.526729	-1.89851	0.121118	0.425127	-2.35224	0.202407	0.575761	-1.73683	0.0560964	1.78404	1.78404	0.320978	0.492943	0.704149	-1.42015	0.208731	0.358293	-2.71523	0.762008	1.31496	1.31496	0.507417	0.712684	-1.40315	1.56497	0.12808	0.04561	1
cg12757310	ITCH	0.284008	0.833839	0.954011	-1.04821	0.0750775	1.55931	1.55931	0.514399	1.15972	1.15972	0.0928675	1.51344	1.51344	0.581583	1.13285	1.13285	0.0787239	1.54899	1.54899	0.918525	0.977329	-1.0232	0.331735	1.25161	1.25161	0.321533	0.794908	-1.25801	1.51716	1.20691	0.707121	1
cg19141837	C11orf51	0.284009	0.963798	0.987913	-1.01234	0.918331	0.684237	-1.46148	0.0273271	0.202466	0.202466	0.709898	0.903982	-1.10622	0.425416	1.24594	1.24594	0.673477	1.12173	1.12173	0.277959	1.35633	1.35633	0.284007	1.19078	1.19078	0.410929	1.25502	1.25502	1.51715	1.75364	1.02745	1
cg14438426	COQ8;COQ8A	0.284013	0.0375099	0.315185	-3.17398	0.0808873	0.424146	-2.35768	0.0324585	0.898379	-1.11332	0.481725	2.37281	2.37281	0.137481	3.37281	3.37281	0.761039	0.873579	-1.14472	0.175338	0.528023	-1.89386	0.230585	0.572757	-1.74594	0.254542	0.590134	-1.69453	1.51714	4.71779	2.76414	1
cg25112285	GLTSCR1	0.284014	0.474337	0.711167	-1.40614	0.485775	0.717632	-1.39347	0.303958	0.607287	-1.64667	0.145931	0.481288	-2.07776	0.08813	0.414132	-2.41469	0.105568	0.4368	-2.28938	0.0302247	0.3031	-3.29924	0.979436	0.987999	-1.01215	0.596175	0.778387	-1.28471	1.51714	5.27302	3.08945	1
cg20916702	WWTR1;WWTR1;WWTR1	0.284022	0.414555	1.45471	1.45471	0.212501	1.03426	1.03426	0.737153	0.82409	-1.21309	0.742409	0.60084	-1.66429	0.0993704	1.98535	1.98535	0.230353	0.4916	-2.03435	0.517394	0.376906	-2.65318	0.791883	0.574982	-1.73939	0.0434943	0.31504	-3.17504	1.51714	53.0894	31.1055	1
cg10886007	IMMP2L	0.284031	0.556829	0.721536	-1.38593	0.298551	0.553406	-1.80699	0.296872	0.552112	-1.81123	0.374969	1.64892	1.64892	0.0768083	0.339447	-2.94597	0.933871	1.04663	1.04663	0.155363	0.433856	-2.30491	0.135225	2.42145	2.42145	0.70049	0.808739	-1.23649	1.51708	7.24765	4.24655	1
cg21429500	LAP3	0.284032	0.108421	0.750545	-1.33237	0.199118	1.24898	1.24898	0.66886	0.87353	-1.14494	0.66287	1.07307	1.07307	0.312839	1.18417	1.18417	0.463152	0.894821	-1.11807	0.403144	1.1505	1.1505	0.304041	1.17231	1.17231	0.113708	1.30555	1.30555	1.51708	0.645143	0.378003	1
cg13617534	HOMEZ	0.284038	0.125568	0.453263	-2.20623	0.0361033	0.312414	-3.20088	0.921261	0.953903	-1.04832	0.976591	0.986092	-1.0141	0.125304	0.452972	2.20764	0.470777	0.704546	-1.41935	0.490072	1.39745	1.39745	0.786113	1.13864	1.13864	0.53844	1.34623	1.34623	1.51706	5.4743	3.20755	1
cg17916418	RPA1	0.284041	0.277248	0.557624	-1.52016	0.42987	0.736581	-1.35762	0.144347	0.78818	-1.27888	0.839746	1.07793	1.07793	0.0647001	0.802655	-1.24593	0.463856	0.5544449	-1.80356	0.0544449	1.79703	1.79703	0.932688	0.978737	-1.02172	1.6169	1.73624	1.01743	1
cg22109083	ATP13A2;ATP13A2;ATP13A2	0.284045	0.125518	0.695114	-1.43907	0.204701	1.51143	-1.13548	0.158402	1.48177	1.48177	0.0437771	1.48177	1.48177	0.0447819	1.70953	1.70953	0.0464676	2.00066	2.00066	0.0139071	1.98659	1.98659	0.0150552	1.98659	1.98659	0.0110932	0.0088258	0.0088258	1.51706	2.22217	0.30205	1
cg17363632	TRAPPC9;TRAPPC9	0.284045	0.98014	1.0148	1.0148	0.0175124	1.51018	1.51018	0.10417	2.85345	2.85345	0.737112	1.21999	1.21999	0.40929	0.607696	-1.64556	0.806236	0.864983	-1.15609	0.91897	1.0619	1.0619	0.859836	1.10996	1.10996	0.88552	0.918487	-1.08875	1.51704	8.36955	4.90404	1
cg20530222	FIBCD1;FIBCD1	0.284048	0.473353	0.859406	-1.41762	0.31548	0.527944	-1.87681	0.378364	0.644844	-1.55317	0.807107	1.01994	1.01994	0.0147305	1.75026	1.75026	0.410588	0.668534	-1.49581	0.353402	1.57878	1.57878	0.0772966	1.70819	1.70819	-2.55369	0.676539	1.22235	1.22235	1.51703	5.50188	3.22378	1
cg26608881	CALCB	0.28405	0.0540212	0.13199	-7.57635	0.826373	0.851941	-1.22558	0.582014	0.597647	-1.67323	0.569591	1.70256	1.70256	0.0552695	0.129939	-7.69593	0.813899	0.803849	-1.24401	0.407432	0.273712	-4.20678	0.184684	0.7218	0.7218	0.679117	0.87917	0.87917	1.51702	20.5987	12.0697	1
cg12486287	VASN;CORO7	0.284054	0.152258	0.379617	-2.63423	0.360325	0.552126	-1.81118	0.810885	0.859498	-1.16347	0.254299	0.4715	-2.12089	0.0657991	0.271472	-3.68362	0.291758	0.501113	-1.99556	0.0357287	0.213619	-4.68123	0.155705	0.383124	-2.61012	0.266505	0.48132	-2.07762	1.51701	9.58458	5.61608	1
cg20465051	ch.11.1197621INCNP;INCENP	0.284055	0.281614	0.539705	-1.85356	0.0434818	0.197007	-3.74718	0.0752372	0.272357	-3.67233	0.0744256	0.26928	-3.71203	0.0772582	0.46493	-2.15126	0.462606	0.706242	-1.41595	0.241443	0.677982	-1.47483	0.589138	0.777582	-1.28896	0.854784	0.918249	-1.08903	0.532701	0.76781	0.26781	0.205087	1
cg14179220	NTNG2	0.284059	0.660903	1.08724	1.08724	0.990176	0.99767	-1.00234	0.523546	0.884715	-1.13031	0.9217	0.1088	0.1088	0.215155	0.796949	-1.25479	0.10429	0.714289	-1.39999	0.0618924	1.48939	1.48939	0.483481	1.14446	1.14446	0.248921	1.25652	1.25652	1.51699	0.86253	0.505403	1
cg23654821	CSRNP1	0.284062	0.142185	0.340275	-2.93804	0.308973	0.6139	1.62935	0.0923	0.768912	1.30076	0.140576	0.709295	1.40955	0.0225	1.10255	0.768912	0.225	0.369842	2.70375	0.0219384	0.24043	4.16411	0.0405959	0.46853	2.13466	0.0139228	0.23736	4.21396	0.0841	0.43421	1
cg03668495	SPRY3 RBM04;RBUNO4;RBUNO4;RBUNOL	0.284063	0.477799	1.4401	1.4401	0.453991	0.679823	-1.47097	0.257167	1.83695	1.83695	0.792122	1.14137	1.14137	0.440577	1.4892	1.4892	0.0791274	0.351283	2.84671	?	?	?	?	?	?	0.220207	0.513669	-1.94678	1.72331	4.868	2.01771	1
cg00163546	4	0.284065	0.824641	1.14743	1.14743	0.0221448	5.47553	5.47553	0.0660654	3.58867	3.58867	0.390808	1.43983	1.43983	0.0192358	1.88528	1.88528	0.476858	1.56556	1.56556	0.148217	2.61475	2.61475	0.176715	1.25241	1.25241	0.859075	1.1643	1.11643	1.51697	9.22675	5.40653	1
cg01770990	SNX17;F18F24;EIF2B4;EIF2B4	0.284071	0.144655	1.34025	1.34025	0.814185	1.04499	1.04499	0.166896	1.31713	1.31713	0.177676	0.76509	-1.30704	0.574261	0.899333	-1.11193	0.090698	0.705825	-1.41678	0.363786	0.839916	-1.1906	0.591638	0.903729	-1.10653	0.658011	0.9201	-1.08684	1.51695	0.839433	0.491882	1
cg26779330	TOLLIP	0.284078	0.360788	0.815047	1.22688	0.0966897	0.681987	1.46648	0.174264	0.776825	1.28757	0.0844227	0.146372	1.83376	0.0154143	2.68125	2.68125	0.0879765	0.373013	2.68124	0.0295902	0.0966328	10.3487	0.0295902	0.0966328	10.3487	0.0295902	0.0966328	10.3487	1.51695	0.0966328	10.3487	0.0295902	0.0966328	10.3487	0.0295902	0.0966328	10.3487	0.0295902	0.0966328	10.3487	1.51695	0.0966328	10.3487	0.0295902	0.0966328	10.3487	0.0295902	0.0966328	10.3487	0.0295902	0.0966328	10.3487	1.51695	0.0966328	10.3487	0.0295902	0.0966328	10.3487	0.0295902	0.0966328	10.3487	0.0295902

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105 vs. N)	Fold-Change(105 vs. 047)	p-value(1117 vs. N)	Fold-Change(1117 vs. 047)	p-value(1127 vs. N)	Fold-Change(1127 vs. 117)	p-value(1127 vs. N)	Fold-Change(1127 vs. 127)	p-value(1217 vs. N)	Fold-Change(1217 vs. 127)	p-value(1347 vs. N)	p-value(1347 vs. 347)	p-value(347 vs. N)	Fold-Change(347 vs. 477)	p-value(353 vs. N)	Fold-Change(353 vs. 537)	p-value(537 vs. N)	Fold-Change(537 vs. 537)	p-value(537 vs. N)	Fold-Change(537 vs. 637)	p-value(563 vs. N)	Fold-Change(563 vs. 637)	t(Test)	SS(Test)	SS(Error)	F(Error)
cg20408339	KIF10		0.3253889	0.802286	-1.24644	1.6031577	1.11555	1.11555	0.630319	1.10589	1.10589	0.2042095	1.32056	1.32056	0.219036	1.30775	1.30775		0.916708	0.978521	-1.02195	0.1027967	1.67922	1.67922	0.159585	1.93228	1.93228	0.9607117	0.989829	-1.01028	1.51578	1.03428	0.606526	1
cg22842855	APBB1IP		0.2844437	0.320083	1.38516	1.38516	0.7760033	0.913518	-1.09467	0.21595	1.55129	1.55129	0.0632224	1.93974	1.93974	0.974301	1.01027	1.01027		0.4885827	0.799995	-1.25001	0.8637823	0.948359	-1.05445	0.180685	0.637149	-1.56949	0.145101	1.64249	1.64249	0.515727	2.41422	1.41576	1		
cg20769177	WNT9B		0.2844441	0.0984222	0.257836	-3.87844	0.8826656	0.895423	-1.11679	0.506788	1.65487	1.65487	0.454252	0.565473	-1.76843	0.0739212	0.225446	-4.43565		0.6401777	1.42205	1.42205	0.04816021	0.1847121	-5.41385	0.609927	0.680558	-1.46933	0.6573111	0.7161161	-1.39642	1.51576	13.4271	7.8741	1		
ch.16.78515?F	HS3ST4		0.2844443	0.0439987	0.0910747	-10.98	0.0617052	0.113271	-8.82837	0.0489122	0.0974885	-10.2576	0.434206	0.437759	-2.28436	0.4510179	0.451557	-2.21456		0.6424369	0.61626	-1.62256	0.504278	0.4958256	-2.01684	0.27402	0.3647778	-3.2491	0.5388358	0.525178	-1.90412	1.51575	25.729	15.0884	1		
cg27398895	GBP6 ME1;ME2;ME3;ME2;ME1;ME2;ME3;ME1		0.2844447	0.624376	1.35121	1.35121	0.8129107	0.8696575	-1.14986	0.90893	0.926827	-1.07895	0.69082	1.27614	1.27614	0.258961	1.4875666	-2.05101		0.523443	1.48349	1.48349	0.0894849	3.19583	3.19583	0.0561284	0.267291	-3.74124	0.337157	1.828558	1.828558	0.15174	8.93028	5.23706	1		
cg13181974	S2;MIS2		0.2844447	0.8006699	0.851321	-1.17464	0.1953209	0.418297	-2.39064	0.145204	0.369563	-2.7059	0.359925	1.82023	1.82023	0.526514	0.6647356	-1.50436		0.6384838	1.35144	1.35144	0.0535417	0.2477795	-4.03592	0.8682722	0.899759	-1.11141	0.2432555	2.17493	2.17493	0.15474	9.7209	5.70072	1		
cg20997234	HTR2C;MIR1911		0.2844448	0.564499	1.2742	1.2742	0.6097525	2.32494	-1.58394	0.667549	0.835473	-1.19669	0.568642	0.786875	0.378095	0.0430548	0.379585	-2.63445		0.597313	1.2483	1.2483	0.6368865	0.8205513	-1.21875	0.974782	1.01324	1.01324	0.3996109	0.6965572	-1.4356	1.51574	4.15453	2.43638	1		
cg20593956	CA13		0.2844455	0.0782359	0.522122	1.912348	0.1434438	1.59443	5.59443	0.403972	2.54774	2.54774	0.216753	2.74156	1.307773	5.97123	5.97123		0.431464	2.4092	2.4092	0.347266	2.88601	2.88601	0.0314826	1.54422	15.8422	15.8422	0.197374	4.44739	15.5473	28.7905	16.884	1		
cg19738463	NEU1;SLC44A4		0.2844457	0.5007944	1.21199	1.21199	0.5635337	0.848493	-1.17856	0.756716	1.09137	1.09137	0.118216	1.61162	1.61162	0.174981	0.6664401	-1.5006		0.1675621	0.661084	-1.51267	0.0822876	0.5818421	-1.71868	0.951747	1.01717	1.01717	0.7473302	1.09522	1.09522	0.51573	1.90023	1.11438	1		
cg09638385	SLC7A5		0.2844463	0.307663	1.34152	1.34152	0.1966139	0.624	-1.60256	0.1339	1.3808	1.3808	0.0611382	1.79877	1.79877	0.317958	1.3326	-1.2307		0.147215	1.5415	1.5415	0.884649	0.960454	-1.04122	0.9564042	1.130104	1.130104	0.2424404	0.5218001	1.19799	1.19799	0.15572	1.85835	0.89982	1		
cg02281489	TWIST2		0.2844553	0.2926573	1.23012	1.23012	0.286516	0.8160607	-1.23364	0.979661	0.995175	-1.00485	0.173431	1.36125	1.36125	0.149118	1.34111	1.34111		0.745133	1.06383	1.06383	0.0388941	1.57352	1.57352	0.202402	1.273357	1.273357	0.7960992	1.05012	1.05012	0.15172	0.8639966	0.5066487	1		
cg23888450	NOXO1;NOXO1;NOXO1		0.2844563	0.5951569	1.37753	1.37753	0.1952127	2.26513	2.26513	0.464558	1.52612	1.52612	0.1441694	1.79473	1.79473	0.9318312	1.05242	1.05242		0.7418111	1.21819	1.21819	0.6991954	0.43035	0.43035	0.225081	2.1396	2.1396	0.08091663	3.17515	3.17515	0.15572	8.52487	5.01697	1		
cg08657228	DEFB128		0.2844565	0.52042	2.00972	2.00972	0.1090888	0.153802	-6.50186	0.154337	0.094087	-2.02393	0.310632	0.07707	0.07707	0.344845	0.3525933	-2.83613		0.10119	0.146162	-6.84171	0.1032321	0.1481335	-6.75071	0.63727	1.6634	1.6634	0.7812108	1.34758	1.34758	0.15572	27.5561	16.1602	1		
cg01548700	THG1L		0.2844457	0.6735306	0.765158	-1.30692	0.5012556	1.55078	1.55078	0.159012	0.341872	-2.92507	?	?	?	?	?	?		0.471528	0.623269	-1.60444	0.9942091	0.9954571	-1.00455	0.272985	0.462765	-2.16092	0.3503091	0.169385	-5.9037	2.149	8.29452	1.65416	1		
cg24257676	MSRA;MSRA-SPRR4		0.2844501	0.5056071	1.13516	1.13516	0.330957	0.830969	-1.20434	0.377348	1.18548	1.18548	0.5377664	0.8098358	-1.16424	0.364933	0.9917173	-1.00829		0.0542286	1.50754	1.50754	0.1020483	0.7131442	-1.40224	0.948	1.19907	1.19907	0.7642828	1.1082	1.1082	0.15571	0.8474474	0.4970303	1		
cg26764200	SNORD84;BAT1;BAT1		0.2844548	0.6394851	1.09213	1.09213	0.7694937	0.946578	-1.05644	0.391303	0.848686	-1.17829	0.912306	1.02079	1.02079	0.548022	1.12025	1.12025		0.907988	0.978635	-1.02183	0.0158605	0.5758557	-1.73654	0.165408	0.758538	-1.31833	0.3938545	0.849469	-1.17721	1.51571	0.83759	0.491206	1		
cg13220129	MKNK2;MKNK2		0.2844558	0.874231	1.05635	1.05635	0.0143557	2.941557	1.84196	0.115563	1.82524	1.82524	0.817328	1.08341	1.08341	0.995089	1.00213	1.00213		0.867327	1.05956	1.05956	0.4468895	1.30771	1.30771	0.674586	0.840496	-1.15795	0.7479556	0.8994306	-1.11819	1.5157	2.87667	1.68586	1		
cg15061647	PTPRN2;PTPRN;PTPRN2		0.2844565	0.777389	-1.0807	1.2127514	0.5429885	-1.84167	0.2668874	0.656317	-1.52365	0.4808455	0.7722564	-1.36024	0.036374	0.4124546	-2.4245		0.734954	0.8836543	-1.13168	0.6001058	1.212133	1.212133	0.2606051	1.52402	1.52402	0.5349112	0.8019374	-1.24692	1.51568	3.18137	1.86575	1		
cg22175239	RFX2;RFX2		0.2844569	0.0511291	0.700042	-1.42848	0.1784818	1.25803	1.25803	0.584552	0.915171	-1.09269	0.7174777	1.06007	1.06007	0.943393	1.01147	1.01147		0.892577	0.976541	-1.02193	0.0881058	1.35278	1.35278	0.475454	0.89002	-1.12357	0.8705001	0.9974146	-1.02654	1.51567	0.618758	0.362881	1		
cg23273465	CRIM1		0.2844571	0.3950021	1.585947	1.585947	0.1706568	0.292457	-3.41858	0.0746875	0.16558	-1.95473	0.408875	1.68307	1.68307	0.0695313	3.475221	3.475221		0.46097	0.630934	-1.58495	0.7135182	1.2544	1.2544	0.1658289	2.47907	2.47907	0.2726168	0.4990044	2.003883	1.51566	0.938805	0.530566	1		
cg02494703	MIR194-2;MIR192		0.2844574	0.116136	0.2182255	-4.5818	0.508583	0.550036	-1.81806	0.975271	1.02802	1.02802	0.0686699	0.197019	-5.07566	0.0271933	0.167181	-5.98155		0.214639	0.312091	-3.2042	0.423115	0.4882244	-2.07364	0.0534498	0.141512	-7.06655	0.352161	0.425939	-2.34775	1.51565	19.0732	11.1859	1		
cg16555860	TBC1		0.2844576	0.202464	0.7752	1.289855	0.1727637	0.237189	4.21932	0.0139	0.2636352	3.79228	0.0225846	0.2538548	-3.93966	0.0244586	-4.27798	0.0225846		0.2533338	0.4557	2.19502	0.0496416	0.1653459	0.0853475	0.0111716	-1.09683	0.4217962	0.063449	-2.18552	0.2384827	0.5350917	5.90846	3.31852	1		
cg18448991	MIR941-3;MIR941-2;DNAIC5		0.2844588	0.457748	1.24582	1.24582	0.0804545	1.75697	1.75697	0.0910267	1.71788	1.71788	0.502564	1.2187	1.2187	0.849356	0.9462229	-1.05683		0.5360161	1.19977	1.19977	0.0421991	1.97441	1.97441	0.508025	0.822688	-1.21554	0.4696909	1.23842	1.23842	0.51561	2.02802	1.18941	1		
cg18539745	EMP2		0.2844592	0.700088	0.945029	-1.05817	0.860431	1.02604	1.02604	0.336879	1.15562	1.15562	0.794778	1.03881	1.03881	0.457186	1.11695	1.11695		0.0206956	0.665691	-1.5022	0.289166	0.8515101	-1.17436	0.487408	0.902071	-1.10856	0.482505	1.10916	1.10916	0.5156	0.512186	0.300394	1		
cg25240490	SYNL1;SYN1		0.2844593	0.1650655	0.329026	0.03938	0.2849749	0.434464	-2.30169	0.879086	1.12106	1.12106	0.144454	1.24373	1.24373	0.9600809	0.971167	-1.02969		0.0786949	0.529889	-1.9338	0.1127702	0.2739606	-3.65489	0.560901	0.677946	-1.47504	0.985013	1.01363	1.01363	0.51559	13.5247	7.93218	1		
cg02823293	SGMS2		0.2844598	0.90779	0.976396	-1.02417	0.2625077	0.649195	-1.54037	0.4862	0.864274	-1.15704	0.151907	1.37225	1.37225	0.507335	0.8705119	-1.14874		0.257472	0.783786	-1.27586	0.4481147	1.17276	1.17276	0.563228	0.886496	-1.12804	0.2210447	1.30369	1.30369	0.51558	1.0201	0.598293	1		
cg13487229	CBX6		0.2844609	0.98102	0.985148	0.01508	0.1728524	2.4005	2.4005	0.161563	1.65285	1.65285	0.24096	2.402039	2.402039	0.2148237	1.127414	-2.62365		0.716784	1.25752	1.25752	0.345543	1.244235	1.244235	0.2208418	2.29618	2.29618	0.3583775	1.81131	1.81131	0.51557	9.4961	5.5095	1		
cg01576859	FAM46C		0.2844615	0.349666	1.56204	-1.17241	0.0019526	0.929333	-1.07604	0.883011	1.09149	1.09149	0.373636	1.5308328	1.5308328	0.726119	1.6213614	-1.94293		0.777424	1.84945	1.84945	0.1185051	0.2595037	0.4969955	-2.01225	0.3181894	0.462934	0.4629393	0.7756698	0.8438506	1.18511	1.51557	3.48362	4.97568	1		
cg21205858	WDR45;WDR45		0.2844504	0.226393	0.412673	-2.42322	0.321746	0.490021	-2.04073	0.203996	0.39292	-2.54505	0.0407174	0.58778	0.58778	0.501625	0.621748	-1.60837		0.336215	0.501095	-1.99563	0.781921	0.8241383	-1.21332	0.92261	1.07005	1.07005	0.57494	1.48411	1.48411	0.51556	1.61549	0.83568	1		
cg14750501	CCNE1;CCNE1		0.2844504	0.9584642	1.043307	-1.09757	0.5306564	1.06937	1.06937	0.903781	1.10266	1.10266	0.1961841	1.00695	1.00695	0.9776001	0.9984163	-1.00161		0.1212203	0.784077	-1.2753	0.3751572	0.7876551	-1.27006	0.9952	1.04708	1.04708	0.8153705	1.25205	1.25205	0.51556	0.5003003	0.295016	1		
cg22356428	RASSF5;RASSF5		0.2844508	0.0345994	0.249049	-4.01527	0.2615549	0.516555	-1.9359	0.10036	0.362186	-2.76101	0.205593	0.470761	-2.12422	0.0927644	0.352194	2.83934		0.1916504	0.458413	-2.18144	0.721557	0.8171156	-1.22376	0.262519	0.537307	-1.86099	0.1455567	0.5164	0.54455	1.83672	1.51555	7.64055	4.48129	1		
cg22616592	PDE6B;PDE6B;PDE6B		0.2844511	0.1326078	0.3115564	-3.20966	0.4758448	0.6053747	-1.52964	0.4674021	0.8258658	-1.21045	0.2648863	0.5010027	0.5010027	0.4129907	0.5010027	1.99707		0.2236358	0.3981	-2.51194	0.2511409	0.3939508	-2.54124	0.0451409	0.2710973	0.6266304	0.1841	0.5429898	0.4438898	0.6145265	5.90846	3.31852	1		
cg07273387	SLC9A10		0.2844514	0.2658614	0.802965	-1.24538	0.5460578	1.12241	1.12241	0.0682295	1.47176	1.47176	0.92496	0.982327	-1.01799	0.393048	0.847384	2.1801		0.2148892	1.28031	1.28031	0.084538	1.43494	1.43494	0.871277	0.9607773	-1.03117	0.474328	1.14765	1.14765	0.51553	0.8598861	0.504327	1		
cg24401957	PTPN12;PTPN12;PTPN12		0.2844514	0.195062	0.675898	-1.47951	0.5595558	1.18369	1.18369	0.70849	1.11342	1.11342	0.727082	0.904708	-1.10533	0.0227703	0.458871	-2.17926		0.602297	0.860482	-1.16214	0.29239	0.731828	-1.36644	0.325515	0.33663	0.33663	0.582981	0.8534444	-1.17172	1.51552	1.96067	1.14998	1		
cg08322448	TRIM2;TRIM2		0.2844518	0.637702	1.56702	1.56702	0.2752182	0.293342	-3.40836	0.108355	0.184055	-5.43259	0.0200262	-1.99178	2.183396	0.0200262	-1.99178	2.183396		0.2509981	2.06246	2.06246	0.0004	0.7853	1.39057	0.229553	0.1990	0.1990	0.2955	0.1990	0.1990	0.51551	0.9047	0.54015	1		
cg09268800	PMK		0.2844521	0.2452	0.0197378	0.672067	-1.48795	0.407181	0.887216	-1.12712	0.646211	1.06741	1.06741	0.7129023	0.94918	-1.05354	0.198206	0.8253367	-2.21158		0.2244492	0.835203	-1.19731	0.906491	1.01672	1.01672	0.159913	0.8090021	-1.23606	0.3899339	0.88308	-1.1324	1.51551	0.478111	0.280426	1		
cg20432671	PITPNA		0.2844525	0.924981	0.979847	-1.02057	0.0861452	1.5055	1.5055	0.157335	1.38581	1.38581	0.0699232	0.645803	-1.54846	0.5593828	1.13567	1.13567		0.9168807	1.02976	1.02976	0.8388053	1.242112	1.242112	0.2217704	1.784897	1.784897	0.1725255	0.8433148	0.8296551	1.20533	1.51551	0.2253	0.144935	1		
cg20888337	WDR37		0.2844525	0.2483461	-1.17847	0.1739227	0.8269666	-1.20924	0.400306	1.14092	1.11972	1.11972	0.736071	0.95654	-1.05443	0.4472469	1.10709	1.10709		0.134923	0.800224	-1.23575	0.0658473	0.7625551	-1.31139	0.30034	0.868521	-1.15138	0.2575117	0.856245	0.856245	1.16789	1.51549	0.414055	0.242858	1		
cg07392085	NDFIP1		0.2844537	0.2965557	0.718524	-1.39174	0.140783	1.62234	1.62234	0.0503196	1.97669	1.97669	0.409415	0.772848	-1.29392	0.762539	0.911601	-1.09697		0.2684911	0.703276	-1.42192	0.488472	0.8065837	-1.23979	0.823946	1.07042	1.07042	0.6531113	1.14818	1.14818	0.51545	2.23888	1.31321	1		
cg18866891	WDR67;WDR67		0.2844542	0.4727128	0.8466148	-1.18102	0.1728524	0.7240505	-1.38145	0.2428328	0.9458358	-1.05737	0.0975052	-1.10193	0.5323361	1.4150492	-1.27582		0.2201214	1.14113	1.14113	0.5618481	0.6273195	-1.59405	0.272987	0.296919	-1.26659	0.1644222	0.8011821	0.8011821	0.51545	0.4008384	0.258483	1		
cg10984852	C7H3 NFASC;NFASC;NFASC;NFASC;NFASC;NF		0.2844543	0.26487	0.79637	-1.2557	0.4334574	1.16955	1.16955	0.104555	1.41573	1.41573	0.591247	0.8992221	-1.11207	0.0816053	1.45953	1.45953		0.9785005	1.00529	1.00529	0.154531	0.7418855	-1.34797	0.691437	0.08131	0.08131	0.7184662	1.07352	1.07352	0.51543	0.9215507	0.540517	1		
cg14168295	ASC		0.2844554	0.242529	3.35507	3.35507	0.517879	1.91325	1.91325	0.880162	0.861303	-1.16103	0.311133	2.82104	2.82104	0.419885	2.26018	2.26018		0.401082	2.34108	2.34108	0.0382227	10.7739	10.7739	0.0589987	8.25055	8.25055	0.101494	5.80727	5.80727	0.1554	23.508	13.7891	1		
cg08481160	AZI1;AZI1		0.2844555	0.645127	0.908948	-1.10027	0.1936215	1.01598	1.01598	0.955048	0.900945	-1.00965	0.728469	1.075666	1.075666	0.7104198	1.0769	1.0769		0.910375	0.770045	-1.29804	0.4175	0.9904485	1.00951	0.9904485	0.43662	1.17748	1.17748	0.55109	1.01755	0.596631	1		
cg06420058	SNORA38B;NOL11		0.2844559	0.164339	0.843676	-1.22508	0.1660717	0.817019	1.42396	0.271028	0.8566284	1.42396	0.271028	0.8566284	1.42396	0.271028	0.8566284	1.42396		0.146515	0.807795	-1.23794	0.3572307	0.934459	-1.07014	0.8921254	0.775956	-1.28873	0.1538	0.4209529	0.263526	1			
cg24603926	MIR1178;CIT		0.2844561	0.557188	1.60724	1.60724	0.0201644	9.39036	9.39036	0.0410994	6.57783	6.57783	0.732545	1.31544	1.31544	0.508219	1.70996	1.70996		0.407993	1.96689	1.96689	0.390142	2.02147	2.02147	0.856821	1.15529	1.15529	0.8603128	1.15116	1.15116	0.15537	15.3319	8.99336	1		
cg13623887	C7orf23		0.2844563	0.4596631	1.18299	1.18299	0.1876504	1.2562	1.2562	0.165167	1.47493	1.47493	0.946157	0.980027	-1.01015	0.3521916	1.6931	1.6931		0.1210085	1.25484	1.25484	0.0660676	0.7078855	-1.41272	0.7519961	1.06072	1.06072	0.6608382	0.91897	-1.08817	1.51557	0.6405555	0.375737	1		
cg04123157	ANP32A		0.2844565	0.428337	1.17409	1.17409	0.870004	0.968235	-1.03281	0.101568	1.42729	1.42729	0.579926	1.11735	1.11735	0.547389	1.12845	1.12845		0.392447	0.840391	-1.18992	0.781359	1.05678	1.05678	0.0366439	0.6176432	-1.61909	0.644611	0.9119394	-1.09657	1.51536	0.945438	0.554568	1		
cg02229795	JAKMIP1;JAKMIP1		0.2844565	0.1143644	0.4477	-1.53459	0.6321215	0.885212	-1.12957	0.7125467	1.0966	1.0966	0.292477	0.758743	-1.31797	0.9829829	0.994623	-1.00541		0.363125	1.1652	1.1652	0.336672	1.49978	1.49978	0.114985	1.54228	1.54228	0.4283853	0.815135	-1.22679	1.51536	1.51069	0.899644	1		
cg07908225	PMEPA1;PMEPA1;PMEPA1;PMEPA1		0.2844569	0.652515	0.927014	-1.07873	0.5291526	1.31859	1.31859	0.149098	0.92523	-1.08023	0.43632	0.8756555	-1.14192	0.388994	0.7924207	0.92398		0.7088119	0.939053	-1.0649	0.3414611	1.1901	1.1901	0.24025	0.8814166	-1.22825	0.3453328	0.850006	-1.17664	1.51535	0.6709971	0.393585	1		
cg16145324	MAPK14;MAPK14;MAPK14;MAPK14		0.2844573	0.534219	0.6243151	-1.60166	0.0524746	2.20687	2.20687	0.136593	1.3206	1.3206	0.9270701	0.933720	-1.07097	0.200412	0.363489	-2.75111		0.751992	1.26772	1.26772	0.67194	1.37538	1.37538	0.429605	0.5470559	-1.82796	0.342378	0.4800949	-2.07922	1.51534	13.4375	7.88231	1		
cg19117063	BTN2		0.2844584	0.2271464	0.4994	-2.00271	0.1992435	0.3349	-2.98449	0.0644934	0.184154	-5.42859	0.0200262	-1.99178	2.183396	0.0200262	-1.99178	2.183396		0.3651576	0.562576	-1.77754	0.3207079	0.2945551	-3.395	0.1297	0.3634987	-2.75113	0.17657	0.4114318	-2.43082	1.5153	1.72051	1.08068	1		
cg08411422	LENG8		0.2844585	0.6081442	0.916172	-1.0915	0.0888598	0.727812	-1.37398	0.904697	0.979927	-1.02048	0.362151	0.853362	-1.17184	0.041499	1.48881	1.48881		0.7426226	0.945741	-1.05737	0.62935	0.9209961	-1.08582	0.86983	0.972616	-1.02815	0.329003	1.18596	1.18596	0.1553	0.6878226	0.403485	1		
cg06803009	OGDH;OGDH2		0.2844589	0.4129481	0.979847	-1.02057	0.0861452	1.5055	1.5055	0.157335	1.38581	1.38581	0.0699232	0.645803	-1.54846	0.5593828	1.13567	1.13567		0.9158597	1.02976	1.02976	0.8388053	1.242112	1.242112	0.2217704	1.784897	1.784897	0.1725255	0.8433148	0.8296551	1.20533	1.51535	0.2253	0.144935	1		
cg20008720	ATN1		0.2844589	0.0483417	0.3476	-2.90896	0.2775112	0.70664	1.70664	0.438786	1.45321	1.45321	0.1401612	2.11956	2.11956	0.620158	0.789405	1.26678		0.210127	0.98405	1.84	0.9676826	0.2167	0.10927	0.98024	0.01144	0.1144	0.5264578	0.792398	0.26199	0.51528	3.57629	3.15382	1		
cg02147764	SIX3		0.2844595	0.191203	5.45085	5.45085	0.7605115	0.687755	-1.45444	0.881874	0.8314431	-1.19986	0.210817	0.198762	-5.03115	0.49344	0.426452	-2.34493		0.271007	4.07265	4.07265	0.0576346	13.8832	13.8832	0.171595	5.95039	5.95039	0.96198	1.06015	1.06015	0.51526	36.0356	21.1393	1		
cg01705747	UGGT1;UGGT1		0.2844597	0.161195	0.3647	-2.74201	0.0349	-2.86402	0.2384	-4.19436	0.2112	-4.73512	0.2202	0.47946	-2.13836	0.1370745	2.12227	2.12227		0.2320	2.05633	2.05633	0.1474087	2.44467	2.44467	0.1327997	2.57645	2.57645	0.1326276	2.70688	2.70688	0.15526	4.65715	2.95	1		
cg03113800	GPNMB;GPNMB		0.2844598	0.5680861	1.26714	1.26714	0.150354	0.531228	-1.88243	0.171381	0.550188	-1.81756	0.623573	1.22501	1.22501	0.0524776	0.4046553	-2.47125		0.965397	1.01796	1.01796	0.144233	0.5253931	-1.90334	0.552692	1.27946	1.27946	0.413966	0.709884	-1.40868	1.51526	0.40401	0.236998	1		
cg04837616	RIAS079		0.2844599	0.7204521	0.9844	-1.01577	0.8913162	0.937436	-1.06671	0.7183192	1.23112	1.23112	0.1613772	1.23112	1.23112	0.1613772	1.23112	1.23112		0.2145313	0.4554	2.19564	0.1736489	0.2210411	-4.52337	0.1387	0.2045411	0.2045411	0.1124712	0.1988	0.1988	0.15525	1.9881	1.1555	1		
cg08083427	GAINS		0.2844601	0.472334	0.846367	-1.18152	0.4982777	1.16985	1.16985	0.773985	0.936411	-1.0679	0.746912	0.928779	-1.07668	0.0825228	0.6448807	1.55585		0.1672558	0.714672	-1.39924	0.0614021	1.61749	1.61749	0.54039	0.868119	-1.15192	0.977077	1.00658	1.00658	0.15524	1.24948	0.732585	1		
cg22092126	AFF3;AFF3		0.2844603	0.507883	1.4708	1.4708	0.352107	0.576975	-1.73118	0.855221	0.900409	-1.11061	0.0540835	0.284889	-3.51014	0.360318	0.584558	1.7107		0.309103	1.83042	1.83042	0.373595	1.68973	1.68973	0.541259	1.42645	1.42645	0.139849	0.401578	-2.49018	1.51524	7.91576	4.64364	1		
cg27402805	FBN1		0.2844612	0.2857323

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T 057 vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T 117 vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T 127 vs. N)	p-value(121T 21T vs. N)	Fold-Change(121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(537T 377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg13788027	RIC1;RIC1		0.284866												0.077888	0.84049	-1.18978	0.351239	0.918428	-1.08882	0.279775	1.10479	1.01959	1.15439	0.188676	0.110745	1
cg18294483	JRK;JRKL;CCDC82		0.284866		0.421498	0.834348	-1.19854	0.384283	1.21744	1.21744	0.652393	1.10518	0.442657	1.18844	1.18844	0.855762	0.960664	1.04095	0.312324	0.794128	-1.25924	0.15906	0.139368	1.39368	0.267834	1.78364	1.78364	0.76541	1.06822	1.06822	0.154439	1.16668	0.684794	1
cg19809667	PRKCG		0.28487		0.230746	0.543845	-1.83876	0.983067	1.01156	1.01156	0.302753	1.6773	1.6773	0.163757	2.05437	2.05437	0.0992604	0.416669	-2.39998	0.715428	0.837453	-1.1941	0.23387	0.546272	-1.83059	0.382276	0.647841	-1.54359	0.193034	0.513054	-1.94911	0.514938	5.62957	3.30436	1
cg25798765	C7orf27		0.28488		0.801982	1.13351	1.13351	0.200433	0.509494	-1.96299	0.870894	0.920085	-1.0868	0.882827	0.920085	-1.0868	0.882827	0.920085	-1.07632	0.930508	-1.07496	0.0435236	0.334244	-1.18234	0.61692	1.26759	0.751443	0.853444	-1.17173	0.51435	5.96531	3.50151	1
cg01329270	CANX;CANX		0.28488		0.548524	0.88562	-1.12915	0.0334468	0.60284	-1.64409	0.15417	1.3569	1.3569	0.171567	0.749613	-1.33402	0.857437	0.316663	1.03663	1.03663	0.947945	1.01315	1.01315	0.711569	1.07714	1.07714	0.650235	0.912714	-1.09563	0.503388	1.14478	1.14478	0.15435	0.9601	0.563558	1
cg22555517	RAP1GAP2;RAP1GAP2		0.28483		0.057479	0.325761	-3.06974	7	0.168436	1.16836	0.163766	1.16836	0.163766	1.20883	2.10083	2.10083	0.076021	0.804665	-1.14883	0.722339	0.845041	-1.18349	0.210252	0.501958	-1.9922	0.588832	0.750935	-1.33169	0.141752	0.438349	-2.28129	0.152314	0.44913	-2.22652	0.344536	0.601534	-1.66242	0.15601	5.81633	3.83661	1
cg24305797	C16orf72		0.284898		0.764249	0.955615	-1.04645	0.982977	1.03323	1.03323	0.217153	1.21653	1.21653	0.416845	1.13343	1.13343	0.933385	0.98746	-1.0127	0.637768	0.930917	-1.07421	0.204198	0.816884	-1.22416	0.047508	0.710229	-1.408	0.188754	1.2339	1.2339	0.15429	0.546452	0.320767	1
cg17225591	CHCHD6;FAAP1		0.284906		0.75746	1.09733	1.04726	0.439947	0.889214	-1.12459	0.157647	0.938732	-1.06846	0.669526	0.938732	-1.06846	0.669526	0.92608	-1.07992	0.926788	1.16291	1.16291	0.655536	1.06923	1.06923	0.027585	0.837619	-1.44573	0.646985	1.07116	1.07116	0.182366	1.2349	1.2349	0.15426	0.513002	0.313878	1
cg25242729	MACROD1		0.284908		0.317384	1.56906	1.56906	0.858614	0.921995	-1.0846	0.955962	0.975162	-1.02547	0.311167	1.61164	1.61164	0.999008	0.272562	2.272562	0.204732	1.62462	1.62462	0.258259	2.65094	2.65094	0.108545	2.21952	2.21952	0.14226	4.97518	2.9205	1
cg22417613	KIAA1549;KIAA1549		0.284912		0.235966	0.612805	-1.63184	0.17879	1.75633	1.75633	0.197488	0.584396	-1.71117	0.493714	0.760282	-1.3153	0.48604	-2.05655	0.756456	-1.32195	0.692673	1.16945	1.16945	0.225224	0.605168	-1.65243	0.884509	1.05899	1.05899	0.0497598	0.413746	-2.41694	0.15424	3.7289	2.18893	1
cg25420678	LOC100132354		0.284922		0.194783	1.585883	1.58588	0.79681	0.615121	-1.17433	0.0971733	0.493433	-2.03122	0.139481	0.615121	-1.17433	0.0971733	0.493433	-2.03122	0.139481	0.615121	-1.17433	0.0971733	0.493433	-2.00771	0.357933	0.691757	-1.4456	0.4406969	0.736159	1.3584	0.176539	0.737214	-1.75066	0.222675	0.610829	-1.63772	0.15422	3.64409	2.13918	1
cg00424147	GPR177;GPR177		0.284921		0.770661	1.09473	1.09473	0.724773	0.644874	-2.24783	0.354973	0.744511	-1.34336	0.470525	1.25522	1.25522	0.8289	0.935181	-1.06931	0.335385	0.735213	-1.36015	0.983988	0.993805	-1.00623	0.726035	0.896793	-1.11508	0.611528	1.60932	1.60932	0.15422	2.29828	1.34974	1
cg17295551	C2orf60;C2orf60;C2orf47		0.284925		0.489609	0.895531	-1.11663	0.778813	0.956709	1.04525	0.643582	1.3863	1.3863	0.98765	1.00243	1.00243	0.240703	1.20861	1.20861	0.182255	0.576431	0.975231	-1.0254	0.373225	0.83592	-1.19629	0.160287	1.26589	1.26589	0.1542	0.592436	0.34778	1
cg26882234	ACAN;ACAN		0.284927		0.863482	0.811761	-1.23189	0.0390867	16.9594	16.9594	0.167789	5.71312	5.71312	0.381347	0.344942	-2.89904	0.303592	0.282769	0.53646	0.420721	0.382359	-2.61535	0.969535	1.04632	1.04632	0.900988	0.862822	-1.15899	0.329481	0.30331	-3.29696	1.542	33.7002	19.7833	1
cg00331740	RNPEP1L		0.284928		0.300949	1.9197	1.9197	0.239769	2.11492	2.11492	0.488198	1.53497	0.462356	1.57656	1.6483	1.6483	0.0179	1.5347	0.0179	0.0179	0.0179

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1221 vs. N)	Fold-Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3 vs. N)	p-value(3537 vs. N)	Fold-Change(3 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg25520488	TANC2	0.285415	0.301748	0.795241	-1.25748	0.6162168	1.57097	1.57097	0.365385	1.22037	1.22037	0.413331	0.85603	-1.19613	0.141362	1.40311	1.40311	0.640985	1.1058	1.1058	1.20139	1.2867	1.2867	0.852703	0.968879	-1.03212	0.375516	0.822904	-1.21521	1.51263	1.09857	0.64557	1
cg06443790	1;CCBL2;RBMXL1;CCBL2	0.28542	0.280668	0.69881	-1.43101	1.459305	0.607175	-1.64697	0.716636	0.890036	-1.12355	0.882469	1.04841	1.04841	0.583268	0.837721	-1.19371	0.167516	0.624686	-1.60209	0.624611	0.689648	-1.45021	0.914208	1.0781	1.0781	1.0195562	0.405862	-2.46389	1.51261	2.44208	1.43791	1
cg19727104	PLEKHG5;PLEKHG5;PLEKHG5	0.28542	0.115044	0.456433	2.1909	0.163277	1.97599	1.97599	0.228108	1.7843	1.7843	0.339192	0.637054	-1.56973	0.388386	0.667229	-1.49874	0.945684	0.969296	-1.03188	0.299995	0.615642	-1.63494	0.137648	0.483053	-2.07877	0.6743021	0.8241022	-1.21344	1.51261	5.01877	2.3493	1
cg13023681	HPCAL1;HPCAL1	0.285424	0.280006	0.842494	-1.18695	0.676297	1.06618	1.06618	0.910104	0.982911	-1.01739	0.974417	0.995118	-1.00491	0.660261	0.934723	-1.06984	0.142335	1.27223	1.27223	0.17692	0.803285	-1.24489	0.476032	0.895205	-1.11695	0.0538005	1.39676	1.39676	1.5126	0.557961	0.327889	1
cg02009986	DUOX2	0.285427	0.437112	1.463564	1.463564	0.19711	0.519371	-1.92541	0.652647	0.804384	-1.24319	0.154352	0.28034	0.28034	0.618879	1.27244	1.27244	0.0685224	2.66372	2.66372	0.991884	1.00368	1.00368	0.165609	2.03492	2.03492	2.202228	1.9096	1.9096	1.51259	0.52994	3.24972	1
cg13491959	SNAPC4	0.285434	0.932919	1.04127	1.04127	0.909265	0.946701	-1.0563	0.34396	0.626033	-1.59736	0.975153	1.01508	1.01508	0.008169	0.196666	-5.08475	0.492202	0.696232	-1.4363	0.570665	0.759325	-1.31696	0.921975	1.04819	1.04819	0.666286	0.811846	-1.23176	1.51257	5.52931	3.2494	1
cg18245983	FAM178B;CCT5	0.285436	0.0201511	0.643914	-1.55794	0.592851	1.09839	1.09839	0.644957	1.08401	1.08401	0.817514	0.960568	-1.04105	0.284633	1.21318	1.21318	0.196698	0.788736	-1.26795	0.241368	1.0401	1.0401	0.210214	0.794872	-1.25806	0.851593	1.0931	1.0931	1.51256	0.72417	0.425574	1
cg26172385	EIF3A	0.285442	0.47498	0.794091	2.5394	0.883705	0.954613	-1.04754	0.203916	0.532039	1.53039	0.232092	0.671852	-1.48842	0.065414	0.518338	-1.92924	0.0920896	0.555188	1.80119	0.796605	0.921301	-1.08542	0.730043	1.11193	1.11193	0.472567	1.26094	1.26094	1.51254	2.41257	1.41782	1
cg10246772	IGF1R	0.285446	0.234517	1.27581	1.27581	0.562382	1.1213	1.1213	0.141857	1.36168	1.36168	0.546175	0.887465	-1.1268	0.481997	1.14992	1.14992	0.243014	0.78669	-1.27115	0.129119	0.725749	-1.37789	0.384266	0.839976	-1.19051	0.264298	0.796572	-1.25538	1.51253	0.915305	0.53791	1
cg22908820	EPDR1	0.28545	0.48204	2.074332	2.074332	0.19134	0.515385	1.94055	0.112795	0.809591	-1.23519	0.799155	0.967786	-1.03373	0.857959	0.982205	-1.01802	0.257342	1.1658	1.1658	0.279226	0.15323	1.15323	0.314624	0.897854	-1.14085	0.113849	1.24357	1.24357	1.51252	0.864886	0.226075	1
cg16483867	ZNRF3	0.285451	0.0808355	0.383597	-2.6069	0.659916	1.2485	1.2485	0.354188	1.60281	1.60281	0.25071	0.516488	-1.93615	0.036861	0.30078	-3.32469	0.527945	0.72871	-1.37229	0.457635	0.687742	-1.45403	0.825709	0.896595	-1.11533	0.777876	0.869387	-1.15024	1.51251	5.86761	3.44834	1
cg22561883	HAUS7	0.285451	0.135883	0.649656	-6.06187	0.412434	0.993754	-1.00615	0.963763	0.950742	-1.04449	0.0965505	0.735521	0.735521	0.361971	0.53174	-1.88066	0.213372	0.929262	-1.07595	0.436183	0.478801	-2.08871	0.227704	0.820994	0.208999	0.764882	1.3998	1.3998	1.51251	1.3998	1.3998	1
cg12093241	ARID1B;ARID1B;ARID1B	0.28545	0.0522032	0.254344	-3.93168	0.346431	0.548203	-1.82414	0.233949	0.702742	-1.4233	0.610257	0.727096	-1.37533	0.043524	0.237151	-4.21673	0.355016	0.554395	-1.80377	0.114839	0.345398	-2.89521	0.117177	0.348155	-2.87228	0.424116	0.602844	-1.6588	1.51251	9.20724	5.41102	1
ch.1.133710078	ERMAP;ERMAP	0.285455	0.025036	0.392248	-2.53647	0.647104	0.851357	-1.1746	0.234969	0.647521	-1.54435	0.161755	0.593544	-1.68479	0.0982822	0.530959	-1.88338	0.522848	0.797644	-1.25369	0.113611	0.54824	-1.82402	0.035404	0.803057	-1.24524	0.405883	0.743133	-1.34565	1.5125	2.91989	1.716	1
cg06903579	MIR133B	0.285461	0.561615	1.13771	1.13771	0.338328	1.22325	1.22325	0.272828	1.26174	1.26174	0.494672	0.786794	-1.15209	0.113773	1.42091	1.42091	0.124662	1.71316	1.71316	0.212233	1.24783	1.24783	0.865625	0.971865	-1.02895	0.614203	0.917918	-1.08943	1.51246	0.698513	0.586828	1
cg07533148	TRIM58	0.285462	0.0512586	125.607	125.607	0.774673	1.8682	1.8682	0.546442	3.77725	3.77725	0.802995	0.580253	-1.72339	0.634772	0.352753	-2.83484	0.60226	3.14219	3.14219	0.666007	0.388452	-2.57432	0.0487705	134.348	134.348	0.139784	31.8072	31.8072	1.51248	113.576	66.7488	1
cg19533158	IRAK2	0.285463	0.54553	0.869323	-1.13795	0.312813	1.32169	1.32169	0.212852	1.43977	1.43977	0.101479	0.614491	-1.62705	0.641449	0.881542	1.04064	1.04064	0.67135	1.12077	1.12077	0.106258	1.60199	1.60199	0.447654	1.72963	2.22967	0.134549	0.649838	-1.53885	0.51248	1.7096	1.00474	1
cg03162101	SRGAP3;SRGAP3;SRGAP3;SRGAP3	0.285467	0.0736276	1.39941	1.39941	0.775557	1.2747	1.2747	0.779054	0.9532269	-1.04902	0.316284	1.19074	1.19074	0.047214	0.466111	-2.14501	0.472111	1.13116	1.13116	0.212233	1.24783	1.24783	0.865625	0.971865	-1.02895	0.614203	0.917918	-1.08943	1.51246	0.680129	0.399719	1
cg13279858	PEC1;PEC1;PEC1;PEC1;PEC1	0.285472	0.0323749	9.66163	9.66163	0.510072	1.80634	1.80634	0.583758	0.613045	-1.6312	0.0887116	0.58504	0.58504	0.517382	1.78746	1.78746	0.291487	2.64325	2.64325	?	?	?	0.259274	2.84622	2.84622	0.836461	1.20028	1.20028	1.56076	16.7713	9.40242	1
cg09674627	PPP2R2C	0.681783	1.16068	1.16068	1.34058	0.252754	1.16068	1.16068	0.548382	1.21381	1.21381	0.422671	1.28861	1.28861	0.290954	0.597538	-1.67305	0.663344	1.9681	1.9681	0.76967	1.0982	1.0982	0.152448	0.923232	-1.6307	0.666681	0.870883	-1.14826	1.51244	2.43826	1.43491	1
cg07690326	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.285475	0.189103	2.95412	2.95412	0.859518	1.1479	1.1479	0.5135	0.596947	-1.67519	0.657337	1.41536	1.41536	0.225191	0.370907	-2.69609	0.351594	2.10941	2.10941	0.030421	0.724884	2.74884	0.361023	0.207736	2.07736	0.378361	0.852345	-1.17323	1.51244	14.5213	8.53445	1
cg14483162	TTC1	0.285476	0.08948	0.253199	-3.94947	0.3564	0.498624	-2.00552	0.480532	0.590915	-1.69229	0.262119	0.42408	-2.35805	0.109799	0.278353	-3.59256	0.118053	0.287922	-3.47316	0.0659196	0.220099	-4.54341	0.761	1.25083	1.25083	0.170768	0.342986	-2.91557	1.51243	12.892	7.57602	1
cg17726280	TCEAL5	0.28548	0.43422	0.610356	-1.63839	0.181915	2.04928	2.04928	0.242098	0.52281	1.48495	0.60257	0.722486	-1.38411	0.106742	0.336325	-2.97331	0.937682	1.04941	1.04941	0.092784	0.813417	-1.14053	0.528678	1.4843	1.4843	0.187915	0.421727	-2.3712	1.51242	9.17055	5.38977	1
cg01653132	UMF1	0.285493	0.568385	0.79108	-1.26455	0.36328	0.921747	0.921747	0.710618	0.554994	1.80208	0.0334211	0.74804	1.34804	0.877748	0.515127	-1.94161	0.274616	0.709339	-1.40902	0.720738	0.11758	1.11758	0.938339	1.05992	1.05992	0.412067	0.682548	-1.46552	1.51242	4.96716	2.91941	1
cg13246235	PHACTR1 RPS24;RPS24;RPS24;RPS24;RPS24;RPS2	0.285504	0.411144	0.596396	-1.67674	0.898827	0.924826	-1.08128	0.296759	1.94509	1.94509	0.868191	0.903412	-1.10691	0.327342	1.86235	1.86235	0.589738	0.715492	1.39764	0.08142	0.28001	3.28001	0.613043	1.36839	1.36839	0.0375606	0.40982	4.40982	1.51234	9.0591	5.32454	1
cg05208089	4	0.285507	0.178285	0.605787	-1.64315	0.100187	0.53341	-1.87473	0.527564	1.24685	1.24685	0.185065	1.62889	1.62889	?	?	?	0.178764	1.64212	1.64212	0.902744	0.958817	-1.04295	0.538269	1.23057	1.23957	0.797157	1.09268	1.09268	1.56064	2.54511	1.42696	1
cg00212031	TTTY14	0.285521	?	?	?	?	?	?	?	?	?	0.869618	1.21577	1.21577	?	?	?	0.118566	0.129937	-7.69602	0.0767239	0.0925277	-10.8076	0.309823	0.284707	-3.51238	0.453576	0.402346	-2.48542	1.56053	19.0075	17.0522	1
cg02064073	CRTAP	0.285523	0.0177571	0.74942	0.74942	0.90506	1.06661	1.06661	0.823549	0.886296	-1.12829	0.921441	1.03939	1.03939	0.935529	1.04186	1.04186	0.2602	1.80993	1.80993	0.138245	0.214633	2.14633	0.217388	0.214848	2.01488	0.334326	1.71285	1.71285	1.51228	6.99642	4.11235	1
cg24212517	GRN	0.285526	0.968211	0.990826	-1.00926	0.133369	0.210312	0.03112	0.268111	1.30573	1.30573	0.431723	1.20391	1.20391	0.351031	1.24853	1.24853	0.674285	0.906873	-1.10269	0.832474	1.05021	1.05021	0.745868	1.07717	1.07717	0.183979	1.38534	1.38534	1.51227	1.28092	0.752806	1
cg07029226	PRKCZ;PRKCZ;PRKCZ	0.285527	0.127436	1.47347	1.47347	0.719373	1.12319	1.12319	0.654705	0.865501	1.1701	0.145399	0.75094	1.33094	0.450094	0.222886	-4.48703	0.228084	1.94	1.94	0.0863478	0.15121	1.15121	0.0855041	1.2083	1.2083	0.161675	0.189603	2.11497	1.51225	7.30846	4.66196	1
cg27466235	SHROOM3	0.28554	0.495167	0.676917	-1.47729	0.269411	1.91161	1.91161	0.254595	1.95454	1.95454	0.984821	1.01077	1.01077	0.087152	0.344994	2.8986	0.329507	1.76285	1.76285	0.5794	0.72949	-1.37082	0.409118	0.621506	-1.60899	0.112541	0.377615	-2.6482	1.5223	7.60139	4.46811	1
cg04066885	SH3BP4	0.285532	0.320029	0.597076	-1.67483	0.0198213	0.249308	4.10345	0.2622	0.55613	-1.79834	0.462532	0.687053	-1.45549	0.152517	0.463424	-2.15785	0.213042	0.531878	-1.87309	0.129678	0.109196	-9.16025	0.0197235	0.5391	-1.85494	0.796184	0.878177	-1.13872	1.51222	6.03288	3.54621	1
cg06682132	TRIM8	0.285542	0.672644	0.99178	0.99178	0.979345	1.03718	1.03718	0.334211	1.74804	1.74804	0.837748	0.915119	-1.09275	0.212722	0.9403	1.343	1.343	0.405173	1.2092	1.2092	0.0851	0.591851	1.12932	1.12932	0.0386779	1.7127	1.7127	1.51222	1.12932	0.709843	0.628	1
cg16577647	HCST;HCST	0.285543	?	?	?	?	0.975745	1.01118	1.01118	0.556316	0.805161	-1.24199	0.330567	0.686128	-1.45745	?	?	0.185188	1.68316	1.68316	0.0895046	0.494617	-2.02177	0.163193	0.573695	-1.74309	0.311366	0.680727	-1.46902	1.62426	2.50697	1.32296	1
cg14264556	ATP6V0A4;ATP6V0A4;ATP6V0A4	0.285545	0.1540034	0.765194	2.36086	0.144584	2.02169	2.02169	0.0815	0.5507	1.81643	0.13943	0.30914	3.23507	0.0154	0.0849	-11.7777	0.0879702	0.1502	6.65603	0.0170558	0.52037	-1.92038	0.421682	1.16025	1.16025	0.104558	0.104559	0.0242	0.0242	1.51222	4.78792	2.83437	1
cg01597222	MANBAL;MANBAL	0.285545	0.595947	0.881634	-1.13426	0.935631	0.981165	-1.0192	0.459802	1.19384	1.19384	0.241774	0.576354	-1.75305	0.331184	1.26621	1.26621	0.441189	0.831194	-1.20309	0.936943	1.0188	1.0188	0.172956	1.40692	1.40692	0.244689	1.33017	1.33017	1.51221	1.32729	0.780192	1
cg19255853	LOC93622	0.285546	0.0612595	0.735047	-1.36046	0.613702	1.07713	1.07713	0.125799	1.27354	1.27354	0.770467	0.958196	-1.04363	0.1928	0.817761	-1.22285	0.688255	1.06064	1.06064	0.440035	0.891419	-1.12181	0.855312	1.027	1.027	0.276591	1.17961	1.17961	1.51221	0.51026	0.299935	1
cg22318877	C7orf50;C7orf	0.285551	0.911638	1.09744	1.09744	0.736082	0.914484	1.09355	0.0507	0.513943	1.94593	0.0962	0.854957	1.16982	0.394087	0.79641	-1.25557	0.421682	1.16025	1.16025	0.104558	0.104559	0.0242	0.0242	0.95555	1.04552	0.685154	0.926548	0.707927	0.52219	0.838949	0.493146	1
cg23412900	BCLAF1;BCLAF1;BCLAF1	0.285552	0.47249	0.664699	-1.50444	0.240688	0.98679	-1.98679	0.901935	1.07133	1.07133	0.615136	0.3254	3.2454	3.2454	?	?	0.077936	0.98892	1.01188	0.98892	0.210848	2.06148	0.255418	0.911501	0.969069	-1.03192	0.314651	1.7881	1.7881	1.51181	6.65721	4.39766	1
cg01680774	ZBTB25	0.285562	0.0944313	0.812212	1.23152	0.145411	1.23152	1.23152	0.145411	1.50889	1.50889	0.123451	1.32884	1.32884	0.117951	0.328072	-3.04811	0.624911	1.18932	1.18932	0.0965807	0.301959	-3.31227	0.0208246	0.429418	2.32918	0.152229	0.534552	-1.87458	1.51179	4.96716	2.91941	1
cg13474520	FKTN;FKTN	0.285568	0.613174	1.21461	1.21461	0.08181433	2.08645	2.08645	0.796059	1.10382	1.10382	0.998561	1.00065	1.00065	0.0421076	0.409394	-2.44263	0.242395	1.59456	1.59456	0.574681	0.805546	-1.24139	0.633795	1.20085	1.20085	0.736194	1.13764	1.13764	1.51214	3.48325	2.04758	1
cg24813341	EIF2B5	0.285569	0.795565	0.667269	-1.03394	0.0188467	1.13795	1.37376	0.509261	1.0896	1.0896	0.149556	0.842467	-1.18735	0.0649158	0.951671	-1.05084	0.421682	1.16025	1.16025	0.104558	0.104559	0.0242	0.0242	0.95555	1.04552	0.685154	0.926548	0.707927	0.52219	0.838949	0.493146	1
cg24830314	UBE2BP	0.285574	0.894968	0.97587	1.02752	0.564208	0.897833	-1.11379	0.59976	1.06745	1.06745	0.312285	0.812948	1.42943	0.742653	1.42943	0.706263	0.107251	1.25251	1.25251	0.126526	0.0796426	0.996902	-1.44942	0.210962	1.27593	1.27593	0.272781	1.23495	1.51175	2.91522	0.818591	0.481203	1
cg13671249	HIST1H2BH;HIST1H2AK	0.285576	?	?	?	?	0.172754	1.84748	1.84748	0.989985	1.00527	1.00527	0.880502	0.938909	-1.06507	0.898109	0.947734	-1.05515	0.0294168	0.33187	-3.01323	0.954514	0.976384	-1.02419	0.222136	0.583739	-1.71898	0.949929	1.02666	1.02666	1.56039	3.77521	2.11697	1
cg25724842	PACS6;PACS6;PACS6	0.285578	0.062388	0.579501	-1.72562	0.90506	1.06661	1.06661	0.823549	0.886296	-1.12829	0.921441	1.03939	1.03939	0.935529	1.04186	1.04186	0.2602	1.80993	1.80993	0.138245	0.214633	2.14633	0.217388	0.214848	2.01488	0.334326	1.71285	1.71285	1.51228	6.99642	4.11235	1
cg19327457	FSHR;FSHR	0.285581	0.964407	1.03246	1.03246	0.663763	0.812314	-1.23105	0.163892	0.466978	-2.14143	0.758743	0.863812	-1.15766	0.305589	0.604026	-1.65556	0.815053	0.894622	-1.11779	0.0146748	0.23986	-4.16909	0.512749	1.37091	1.37091	0.552753	0.751718	1.33029	1.5121	5.40851	3.3794	1
cg07584654	ATP9B	0.285583	0.786365	1.09253	1.09253	0.525646	0.745347	-1.34166	0.359017	0.880688	-1.13585	0.284861	0.07466645	1.4541	1.4541	0.337526	0.829912	-1.20495	0.99995	1.00001	0.209651	0.280865	1.28296	0.461307	0.868134	-1.1519	0.472751	0.871356	-1.14764	1.5121	0.851382	0.508586	1
cg16673106	STBS1A4;STBS1A4	0.285582	0.478093	0.887741	1.12009	0.387462	0.863939	-1.15749	0.208353	1.2447	1.2447	0.53084	0.900489	-1.11051	0.69281	1.06775	1.06775	0.95153	0.990014	-1.01009	0.9154214	0.726954	-1.3756	0.07595598	0.721762	-1.3855	0.347418	1.1732	1.1732	1.51209	0.652801	0.383752	1
cg00917003	ATG9B	0.285588	0.621026	0.770382	-1.29806	0.344407	1.66495	1.66495	0.136197	2.31744	2.31744	0.506752	1.42276	1.42276	0.248283	0.53165	-1.88094	0.290215	1.7764	1.7764	0.296731	0.567614	-1.76176	0.564338	0.737102	-1.35666	0.0873363	2.68595	2.68595	1.51208	6.56184	3.85744	1
cg11408900	HSPA12A	0.285589	0.675934	1.48007	1.48007	0.72937	1.10397	1.10397	0.34267	0.746916	1.33884	0.247073	0.629454	-1.59121	0.0211278	0.107888	-9.27316	0.208185	1.672965	1.48596	0.0124782	0.14771	1.34771	0.19638	0.535783	1.86643	0.796326	0.925702	1.08026	1.51208	1.12852	1.25421	1
cg08992827	HTA	0.285591	0.171641	0.406301	-2.46123	0.342615	1.8315	1.8315	0.152431	2.58225	2.58225	0.305686	1.92787	1.92787	0.303733	0.517232	-1.93337	0.933972	0.950009	-1.05262	0.076679	0.295635	-3.38255	0.977705	0.982853	-1.01745	0.973621	0.979743	-1.02068	1.51207	0.173151	0.39254	1
cg04405597	EXTL1	0.285592	0.567236	1.20632	1.20632	0.854456	1.00449	1.00449	0.661504	0.868838	-1.15362	0.654047	1.15756	1.15756	0.165198	0.842403	-1.18735	0.0994958	0.950155	1.05261	0.660193	0.867213	1.15342	0.255142	0.925313	1.08017	0.669817	0.912626	1.12304	1.12304	1.51206	2.51946	1.44112	1
cg01972979	MGC16121;MIR503	0.285603	0.0583529	0.01204	6.01204	0.050358	0.49161	0.49161	0.127614	3.98061	3.98061	0.183724	3.26304	3.26304	0.711846	0.36495	-2.74095	0.175586	3.3498	3.34598	0.277914	0.25778	3.88205	0.208358	0.204326	0.20432	0.176483	0.170483	5.12403	1.51203	16.839	9.89931	1
cg16447794	ARHGDIG	0.285603	0.264145	0.657938	-1.5199	0.159059	1.26505	1.26505	0.0609648	2.13743	2.13743	0.740862	0.887479	-1.12679	0.623199	0.836844	-1.19497	0.603065	1.20767	1.20767	0.624804	1.19397	1.19397	0.0625135	0.470484	-2.12547	0.990792	1.00416	1.00416	1.51203	3.09803	1.82127	1
cg05395366	RPTOR;RPTOR	0.285604	0.252742	1.39587	1.39587	0.42133	1.15068	1.15068	0.633455	1.16364	1.16364	0.122587	0.634345	1.57632	0.0977632	0.999175	-1.00083	0.806353	0.939294	1.07401	0.561768	0.738237	1.35469	0.0407264	0.904084	-1.0626	0.147408	0.809347	1.23556	1.51202	0.708258	0.21949	1
cg16056611	PLEKHH1	0.285605	0.76091	1.0691	1.0691	0.837824	0.956122	-1.04589	0.727162	0.926177	-1.07971	0.515971	1.15365	1.15365	0.422807	1.19632	1.19632	0.929664	0.980857	-1.01952	0.127259	0.143486	1.43486	0.017257	1.88723	0.887723	0.211868	1.33367	1.33367	1.51202	1.14788	0.67482	1
cg04568116	PDE2A;PDE2A;PDE2A;PDE2A	0.285606	0.0792269	0.546466	1.83254	0.252447	1.83254	1.83254	0.0717813	2.20884	2.20884	0.161802	0.898494	-1.11316	0.0874247	0.155644	-6.42607	0.0874252	1.12347	8.93612	0.124	0.19422	5.14922	0.0194268	0.746314	-1.33992	0.232552	0.607639	1.64552	1.51201	0.851382	0.508586	1
cg21995710	YIPF4	0.285609	0.877612	0.918208	-1.08908	0.660919	1.26887	1.26887	0.401715	0.621737	-1.6084	0.386355	0.611585	-1.6351	0.431974	1.55905	1.55905	0.074756	0.333186	-3.00133	0.0375221	0.262805	-3.80511	0.768445	1.17759	1.17759	0.294048	0.547364	-1.82694	1.51201	7.34218	4.31637	1
cg02379533	CSorf4	0.28561	0.121493	0.563783	-1.77373	0.250381	1.50684	1.50684	0.754851	1.11792	1.11792	0.41618	1.328	1.328	0.107587	0.794774	-1.25822	0.387419	0.73903	-1.35313	0.125409	1.7615	1.7615	0.188691	1.60866	1.60866	0.438251	0.763454	1.27085	1.51199	2.79048	1.64049	1
cg05964600	HCN1	0.285615	0.0517204	0.454004	2.20316	0.0564249	0.618582	1.61655	0.0409	0.339338	2.94657	0.0339	0.61152	1.63512	0.0812577	0.558568	-1.79033	0.0722225	0.220852	4.52622	0.0206	0.118815	8.41515	0.0064471	0.0555101	18.0185	0.0170424	0.0178564	2.72585	1.51199	14.186	8.30023	1
cg06922772	BMF;BMF	0.285616	0.740832	0.882041	-1.13373	0.312073	1.48779	1.48779	0.710737	0.868584	-1.1513	0.795304	0.906383	-1.10329	?	?	?	0.0355101	0.387658	2.57959	0.303585	1.49915	1.49915	0.934317	1.03164	1.03164	0.249485	1.58089	1.58089	1.56025	3.07158	1.72257	1
cg05160751	FUCA1	0.285632	0.893634	0.955135	1.04703	0.463043	1.12394	1.12394	0.621283	1.56123	1.56123	0.178167	0.655172	-1.52625	-2.13007	0.00405212	0.444157	-2.25146	0.94228	1.06679	1.06433	0.0176178	2.55142	0.392513	0.668017	-1.49697	0.178226	1.12304	1.12304	1.51204	2.51946	1.44112	1
cg16477324	ITPKC;ADCK4	0.285625	0.67087	0.08528	1.08528	0.353507	2.00053	1.20053	0.488273	1.14561	1.14561	0.122325	0.725733	-1.37792	0.929986	0.983317	-1.01697	0.990218	0.998573	1.00043	0.0577262	1.5085	1.5085	0.592502	1.10991	1.10991	1.0887254	1.43257	1.43257	1.51196	0.877682	0.515995	1
cg02735682	EPHX1	0.285626	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. N)	Fold-Change(1 vs.2T)	p-value(347T vs. N)	Fold-Change(1 vs.347T)	p-value(347T vs. N)	Fold-Change(1 vs.353T)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. N)	Fold-Change(5 vs.563T)	p-value(563T vs. N)	Fold-Change(5 vs.563T)	F(Error
cg09272746	TMEM134;TMEM134;TMEM134	0.285878	0.211088	0.567605	-1.76179	0.50228	0.746271	-1.34	0.201924	1.78452	1.78452	0.646302	0.819875	-1.2197	0.887343	0.940893	-1.06282	0.026576	0.329299	-3.09503	0.971506	0.984765	-1.01547	0.555262	0.77379	-1.29234	0.404238	1.44315	1.51114	4.42145	2.6008	1
cg14958080	TERT;TERT	0.285886	0.753812	1.29424	1.29424	0.683339	1.42382	1.42382	0.530134	0.593694	-1.68437	0.53807	1.66715	1.66715	0.0907617	0.217083	4.60653	0.118555	0.24929	-4.01139	0.144732	0.27688	-3.61167	0.0984761	0.226378	-4.41739	0.263785	0.384811	-2.59868	5.11112	16.0855	9.46202	1
cg16725607	KLHL6	0.285887	0.675622	1.21189	1.21189	0.577836	1.29273	1.29273	0.730453	0.853901	-1.1711	0.669961	1.21627	1.21627	0.482553	0.721859	-1.38531	0.789191	1.13018	1.13018	0.0763936	0.406464	-2.46024	0.242372	1.7485	1.7485	0.0490137	0.358313	-2.79086	1.51112	4.99123	2.93601	1
cg05123446	FUT10	0.285888	0.0488017	0.585851	-1.70691	0.613691	0.886071	-1.12858	0.162678	1.42498	1.42498	0.943266	1.03706	1.03706	0.103606	0.655101	-1.52648	0.676648	1.1048	1.1048	0.35434	0.793736	-1.25411	0.983181	1.00502	1.00502	0.650116	1.11462	1.11462	1.51111	1.35138	0.794026	1
cg01417313	SERTAD4	0.285888	0.330312	0.415551	-2.40645	0.47505	1.887	1.887	0.953025	1.05285	1.05285	0.398199	2.13099	2.13099	0.0190303	0.0836084	-11.9605	0.437234	1.99926	1.99926	0.393324	0.46562	-2.14767	0.685646	0.700662	-1.42722	0.773309	0.776875	-1.28721	1.51111	18.2891	10.7583	1
cg21080251	BNIP1;BNIP1;BNIP1;BNIP1	0.285892	0.234415	1.28417	1.28417	0.550241	0.885778	-1.21895	0.880411	0.970242	-1.03067	0.372153	0.832053	-1.20185	0.769813	1.06065	1.06065	0.825245	1.04537	1.04537	0.0264892	1.6953	1.6953	0.441475	0.854428	-1.17058	0.312757	0.810972	-1.23309	5.1111	0.963639	0.56685	1
cg26307624	AKAP9;AKAP9	0.285895	0.295356	0.78958	-1.2665	0.94429	0.984901	-1.01533	0.344195	0.808864	-1.2363	0.53792	0.873035	-1.14543	0.0781671	0.653083	-1.5312	0.877706	0.967032	-1.03409	0.385396	1.21377	1.21377	0.0538647	0.620938	-1.61047	0.111475	0.685631	-1.45851	1.51109	1.1343	0.667247	1
cg19245533	CLDN19;CLDN19	0.285902	0.570591	0.879058	-1.11228	0.646869	1.1199	1.1199	0.56154	0.806139	-1.24048	0.711456	0.953351	-1.07341	0.0195521	0.642709	-1.55591	0.137249	1.34602	1.34602	0.346398	1.19706	1.19706	0.79488	0.935011	-1.06779	0.719474	1.06444	1.06444	5.11107	0.824762	0.485168	1
cg09112623	LEMD2;LEMD2	0.285902	0.1635	1.34244	1.34244	0.38742	1.19176	1.19176	0.9958	1.00158	-1.00104	0.601204	0.900836	-1.11008	0.431994	0.847581	-1.17983	0.218375	0.773847	-1.29225	0.320946	0.816221	-1.22516	0.0578037	0.52923	1.52923	0.58532	1.11528	1.11528	5.11107	0.938485	0.552066	1
cg04206499	ARF1;ARF1;ARF1;ARF1	0.285902	0.317525	1.37533	1.37533	0.919154	1.03181	1.03181	0.705241	1.12436	1.12436	0.412342	0.772188	-1.29502	0.227848	1.47763	1.47763	0.743752	1.10483	1.10483	0.0689059	1.87366	1.87366	0.0523373	1.97514	1.97514	0.142608	1.62595	1.62595	5.11107	2.27681	1.33934	1
cg10903935	SLC13A7	0.285908	0.838904	1.11229	1.11229	0.71832	1.24238	1.24238	0.498282	1.43619	1.43619	0.440514	1.10927	1.10927	0.0319459	0.647709	-1.54359	0.997572	0.998369	-1.6025	0.997006	1.00184	1.00184	0.995478	1.01524	1.01524	0.202096	0.492047	-2.01231	5.11105	6.634991	2.90309	1
cg05960850	MYT1L	0.285911	0.222823	0.471392	-2.12138	0.140141	0.513918	0.156987	2.43183	2.43183	0.306798	0.537331	-1.86105	0.315946	0.54405	1.83807	1.83807	0.35225	0.570067	-1.75418	0.505725	0.672708	-1.48653	0.358149	0.574208	-1.74153	0.240107	0.485726	-2.05878	5.11104	8.24858	4.85233	1
cg07944862	RARA;RARA;RARA;RARA	0.285911	0.112156	0.200483	-4.98795	0.156573	0.244665	-4.08722	0.157396	0.245442	-4.07428	0.828516	0.817474	-1.22328	0.342	0.402679	-2.48337	0.326897	0.390502	-2.56081	0.0275216	0.0887644	-11.2658	0.2110884	0.294007	-3.40128	0.237022	0.316328	-3.16128	5.11104	20.6566	12.1515	1
cg05659265	AO1	0.285911	0.767576	0.953407	-1.04887	0.403504	1.14754	1.14754	0.333959	0.751457	0.75494	-1.32461	0.775073	1.55689	1.55689	0.951909	0.911049	-1.09764	0.294555	0.184784	-5.41172	0.894326	1.22788	1.22788	0.804296	1.46755	1.46755	0.827132	1.40199	1.40199	5.11028	57.6395	28.7694	1
cg16859906	SLC7A6;SLC7A6	0.285928	0.485975	1.0885	1.0885	0.918354	0.974803	0.974803	0.12405	0.552753	1.03477	1.03477	1.04417	1.04417	0.831053	0.974435	-1.02633	0.884264	0.964645	-1.03688	0.0264645	1.15134	1.15134	0.0155482	1.35517	1.35517	0.0264645	1.15134	1.15134	5.11027	0.351597	0.209839	1
cg04656031	TMEM140;TMEM140	0.285933	0.978858	0.97858	-1.02189	0.751345	1.29659	1.29659	0.0384405	0.140909	-7.09676	0.406641	0.499766	-2.00094	0.296545	0.412987	2.42138	0.662572	1.43155	1.43155	0.125117	0.257593	-3.8821	0.260974	0.26021	2.60621	0.676763	1.40854	1.40854	5.11097	15.9761	9.39858	1
cg14519534	ORAI2;ORAI2	0.285934	0.6076584	0.758024	-1.73003	0.0939058	0.538852	-1.8558	0.473518	0.822762	-1.20808	0.628255	0.741551	-1.34852	0.0899503	0.615917	-1.62359	0.30243	0.758048	-1.31918	0.473636	0.827805	-1.20801	0.948802	1.01679	1.01679	0.874268	0.959769	-1.04192	1.51097	1.60903	0.946576	1
cg10458510	SHSRF3	0.285936	0.31915	1.36455	1.36455	0.0406629	0.674589	1.54222	1.54222	0.239379	0.568	1.76057	1.56786	1.56786	0.0466844	0.370557	-1.58676	0.879842	1.43099	1.43099	0.0433733	0.676032	1.52736	1.52736	0.0245619	1.52736	1.52736	0.0245619	-1.21283	0.0880811	0.316074	-3.16381	0.928659	1.05633	1.05633	5.11096	8.96086	5.27162	1
cg25010444	C12orf65;C12orf65	0.285936	0.391433	0.727508	-1.37456	0.400189	1.36617	1.36617	0.84603	1.07298	1.07298	0.129371	1.81065	1.81065	0.0501137	0.445187	2.24625	0.832519	0.926145	-1.07974	0.8211	1.08552	1.08552	0.978375	1.00987	1.00987	0.160655	1.72106	1.72106	5.11096	3.14118	1.84794	1
cg19239104	KDM4B	0.285937	0.885204	0.953206	-1.04909	0.441236	1.2976	1.2976	0.0894213	1.86125	1.86125	0.678175	1.14847	1.14847	0.239526	0.664593	-1.50468	0.207598	0.643509	-1.55398	0.128807	0.58012	-1.72378	0.247471	0.606953	1.64905	0.0812557	0.16202	1.06202	1.51096	2.63347	1.54926	1
cg06747254	21;SNORD115-31	0.285946	0.0371665	0.220147	-4.54242	0.546793	0.682857	-1.46444	0.119817	0.347927	-2.87447	0.3414	0.541569	-1.84649	0.948695	0.960544	-1.04108	0.215678	0.442562	-2.25957	0.275357	0.2038	0.2038	0.836722	1.1378	1.1378	0.354963	0.551409	-1.81354	5.10193	9.36463	5.50928	1
cg05483915	CCDC57	0.285948	0.483086	1.0885	1.0885	0.918354	0.974803	0.974803	0.12405	0.552753	-2.32442	0.878145	1.03477	1.03477	0.831053	0.974435	-1.02633	0.884264	0.964645	-1.03688	0.0264645	1.15134	1.15134	0.0155482	1.35517	1.35517	0.0264645	1.15134	1.15134	5.11027	0.351597	0.209839	1
cg06222979	POTEC;POTEC	0.28595	0.124274	0.480845	-2.07907	0.0811977	0.427209	-2.34078	0.0811977	0.427209	-2.34078	0.0811977	0.427209	-2.34078	0.0811977	0.427209	-2.34078	0.168802	0.52647	-1.90604	0.440734	0.40628	-2.45767	0.716535	-1.39541	0.0774592	0.421705	-2.37132	5.10191	4.63137	2.72469	1
cg20460709	AACS	0.285951	0.70313	1.18356	1.18356	0.845023	0.674589	1.54222	1.54222	0.239379	0.568	1.76057	1.56786	1.56786	0.0466844	0.370557	-1.58676	0.879842	1.43099	1.43099	0.0433733	0.676032	1.52736	1.52736	0.0245619	1.52736	1.52736	0.0245619	-1.21283	0.0880811	0.316074	-3.16381	0.928659	1.05633	1.05633	5.11096	8.96086	5.27162	1
cg14984781	DOC2B	0.285954	0.179093	2.09319	2.09319	0.0462997	1.25925	1.25925	0.735717	1.19165	1.19165	0.539563	1.37914	1.37914	0.401532	1.55954	1.55954	0.316851	1.7084	1.7084	0.0258575	0.93274	0.93274	0.337954	0.66738	0.66738	0.759237	1.17246	1.17246	5.1109	6.41	3.77111	1
cg17372806	RTN3;RTN3;RTN3;RTN3	0.285954	0.848979	1.0918	1.0918	0.916082	0.633207	-1.57926	0.0252392	1.40713	1.40713	0.346723	1.56267	1.56267	0.251595	0.556082	-1.7983	0.963861	0.982177	-1.01815	0.663407	0.817306	-1.22353	0.445849	0.690668	-1.43048	0.817723	1.11222	1.11222	5.11089	5.07877	2.98791	1
cg19285383	ZFP161;ZFP161;ZFP161;ZFP161	0.28596	0.443847	1.21495	1.21495	0.823045	1.32486	1.32486	0.353778	1.18527	1.18527	0.754571	1.52832	1.52832	0.0281521	0.654455	-1.52819	0.774124	0.739874	1.35133	0.75111	1.00949	1.00949	0.26013	1.19841	1.19841	0.153836	1.0955	1.0955	5.11088	0.568279	0.334133	1
cg26422153	TNFRSF21	0.285963	0.242812	0.824651	-1.21263	0.907063	0.981747	-1.01859	0.068925	1.3786	1.3786	0.807425	0.962213	-1.03927	0.501395	0.897958	1.11364	0.273612	0.835518	-1.19686	0.180438	0.79904	-1.2515	0.910311	0.982383	-1.01793	0.172848	1.25711	1.25711	5.11087	0.59535	0.350261	1
cg20490260	RTCD1;MIR553;RTCD1	0.285965	0.950663	1.05062	1.05062	0.951985	0.737031	1.07501	0.153276	1.29376	1.29376	0.53507	1.64494	1.64494	0.0407988	0.533597	-1.85671	0.729864	0.943291	-1.06035	0.0844436	0.590155	0.590155	0.0708859	0.845207	1.18349	1.18349	0.0708859	-1.69422	0.0208474	0.113589	1.18349	0.0708859	-1.69422	5.11087	0.59535	0.350261	1
cg26582677	BANP;BANP	0.285969	0.457396	0.795219	-1.25752	0.0959872	0.73937	1.73937	0.706289	0.891699	-1.12145	0.546254	0.831199	-1.20308	0.0337023	0.474602	2.10703	0.523092	2.16647	2.16647	0.831491	0.937518	-1.06665	0.381845	0.762191	-1.31201	0.758987	1.00766	1.00766	5.11085	2.19362	1.29059	1
cg16357582	CSRP1;CSRP1	0.285969	0.21412	0.606417	-1.64903	0.570022	1.24549	1.24549	0.3933	0.715768	-1.3971	0.398184	0.719214	-1.39041	0.551127	0.794044	-1.25938	0.445998	1.34591	1.34591	0.0313469	2.62671	2.62671	0.687972	0.856941	-1.16694	0.493762	0.766623	-1.30442	5.10185	3.49925	2.05874	1
cg20940260	HOXC8	0.285974	0.315543	1.07624	1.07624	0.929102	0.442125	1.04204	0.152626	1.28376	1.28376	0.534	1.63363	1.63363	0.0398248	0.612945	-1.63161	0.516944	1.1256	1.1256	0.272068	0.678341	1.47418	0.67892	1.15207	1.15207	0.0546777	0.477079	-2.09569	0.417584	2.76753	1.62825	1
cg11399319	ZFPM2	0.285974	0.13131	0.410608	-2.43541	0.401058	1.59941	1.59941	0.24067	1.94624	1.94624	0.534993	0.70941	-1.40958	0.094742	0.366638	-2.72749	0.169224	0.449232	-2.22602	0.467897	0.669172	-1.49716	0.402444	1.59411	1.59411	0.605429	0.752207	-1.32942	5.10184	7.14356	4.20285	1
cg15468925	DIAPH3	0.285984	0.707684	1.41356	1.41356	0.708629	0.674589	1.54222	1.54222	0.239379	0.568	1.76057	1.56786	1.56786	0.0466844	0.370557	-1.58676	0.879842	1.43099	1.43099	0.0433733	0.676032	1.52736	1.52736	0.0245619	1.52736	1.52736	0.0245619	-1.21283	0.0880811	0.316074	-3.16381	0.928659	1.05633	1.05633	5.11096	8.96086	5.27162	1
cg17008884	C7orf36;C7orf36	0.285992	0.932161	0.973664	-1.02705	0.838055	1.06548	1.06548	0.0657026	1.91063	1.91063	0.188614	0.646198	-1.54751	0.352087	0.740679	-1.35011	0.305508	0.717053	-1.3946	0.555183	1.20572	1.20572	0.332597	1.36796	1.36796	0.180542	1.56164	1.56164	5.11078	2.35128	1.38341	1
cg18054327	TSPAN5	0.286	0.651565	0.915885	-1.09208	0.0962654	1.30781	1.30781	0.251191	1.19264	1.19264	0.839411	1.05749	1.05749	0.144548	0.794313	-1.25895	0.464478	1.11551	1.11551	0.0899273	0.970002	1.03092	1.03092	0.870983	1.14465	1.14465	0.137471	0.79054	-1.26496	5.10175	0.516574	0.30939	1
cg16736679	ADAR82	0.286006	0.81842	1.08909	-1.08909	0.934779	0.81935	1.80305	0.673973	0.842067	-1.18755	0.71244	0.860368	-1.16229	0.143865	0.528331	-1.89254	0.160125	0.443652	-2.25412	0.20152	0.0509102	0.0509102	0.979846	-1.02057	0.506982	0.762083	-1.31219	5.10173	3.94876	2.32338	1
cg00382227	PDIA2	0.286008	0.376349	0.875083	-1.14275	0.862387	0.974822	-1.02583	0.0605807	0.732721	-1.36478	0.258767	0.840982	-1.18909	0.34706	1.15294	1.15294	0.139901	1.26296	1.26296	0.448766	1.12015	1.12015	0.487416	1.10927	1.10927	0.638914	1.07193	1.07193	5.11073	0.516909	0.304141	1
cg15200994	LRRC1	0.286011	0.760339	0.945767	-1.05734	0.865787	0.969654	-1.03113	0.312665	1.20746	1.20746	0.836234	0.962995	-1.03845	0.912144	1.03999	1.03999	0.0998	1.24899	1.24899	0.0111933	1.12033	1.12033	0.0111933	1.22124	1.22124	0.450516	1.15035	1.15035	5.11072	2.79403	1.467199	1
cg15739758	NAP8	0.286011	0.316478	1.3018	1.3018	0.856436	1.0472	1.0472	0.852975	0.955851	-1.04838	0.902276	1.03178	1.03178	0.0744364	0.602791	-1.65895	0.104996	1.57016	1.57016	0.875082	0.960725	-1.04088	0.979117	1.00669	1.00669	0.984699	1.62517	1.62517	5.11072	1.55191	0.913125	1
cg22031336	ABCG2;ABCG2	0.286014	0.58519	1.32964	1.32964	0.558632	1.32934	1.32934	0.799217	0.886742	-1.12772	0.360335	0.641793	-1.55814	0.818105	1.10329	1.10329	0.244851	1.77483	1.77483	0.195243	0.530349	-1.91944	0.0381773	0.322044	-3.10556	0.415565	0.48611	1.48611	5.11071	5.51301	3.31995	1
cg17884856	WFDC10B;WFDC13;WFDC10B	0.286023	0.978997	0.98343	-1.01685	0.53274	0.657758	-1.52032	0.157045	0.866636	-2.7275	0.430745	0.586226	-1.70437	0.0456334	0.248828	4.0179	0.300918	0.03532	-2.03532	0.403328	0.50608	0.50608	0.515999	0.6442	0.6442	0.0428885	0.54752	2.131244	1.339492	-2.94558	5.11068	10.5171	6.18828	1
cg19794221	WNT10B	0.28603	0.672015	1.14963	1.14963	0.83703	0.177126	1.07126	0.50491	0.803248	-1.24495	0.199394	1.55885	1.55885	0.564321	1.21023	1.21023	0.0398172	2.17739	2.17739	0.139667	1.68272	1.68272	0.278428	1.44631	1.44631	0.086166	1.86042	1.86042	5.11066	2.565	1.50928	1
cg13894046	FOXL2;Chorf72;FOXL2	0.286031	0.366327	1.36364	1.36364	0.733158	0.954	1.0954	0.312314	1.19224	1.19224	0.611702	0.904455	-1.11057	0.0997489	0.884389	1.13067	0.240084	2.07653	2.07653	0.0479413	0.24604	0.24604	0.0176531	0.24772	0.24772	0.0176531	0.24604	0.24604	5.11059	0.597643	0.359569	1
cg22136351	RFESD;RFESD;RFESD	0.286037	0.159341	1.20507	1.20507	0.539618	1.08007	1.08007	0.316384	1.13709	1.13709	0.434168	1.10404	1.10404	0.632797	1.06152	1.06152	0.399673	1.808583	-1.11286	0.0768308	0.783437	-1.27643	0.1706551	0.834463	-1.19838	0.689922	0.950825	-1.05172	5.11064	0.368059	0.216573	1
cg02561014	FGR	0.286046	0.489556	1.16867	1.16867	0.374514	1.22433	1.22433	0.881774	0.967498	-1.0336	0.594144	1.12684	1.12684	0.91876	1.02291	1.02291	0.023696	0.548931	-1.82172	0.305083	1.26594	1.26594	0.792397	0.926786	-1.079	0.261927	0.771246	-1.2966	5.10161	1.17955	0.694083	1
	ENSA;ENSG;ENSA;ENSG;ENSA;ENSG;ENSA;EN																											
cg16104481	SA;ENSA	0.286048	0.263421	1.12392	1.12392	0.139853	1.17255	1.17255	0.716371	1.03724	1.03724	0.371677	1.09627	1.09627	0.0443261	1.26044	1.26044	0.575372	1.05835	1.05835	0.589401	0.946864	-1.05612	0.938561	1.00775	1.00775	0.0531412	1.24629	1.24629	5.1106	0.24023	0.141359	1
cg06141978	CYTH1;CYTH1	0.286051	0.647252	1.0915	1.0915	0.912356	1.02169	1.02169	0.0500009	0.816535	-1.22496	0.376718	1.03888	1.03888	0.0756298	0.636719	-1.5888	0.472563	0.835663	-1.19675	0.43371	1.07973	-1.22253	0.0157747	0.70682	0.70682	0.0789994	1.08886	1.08886	5.11058	1.44451	0.850213	1
cg10715699	RREB1;RREB1;RREB1;RREB1	0.286075	0.67466	0.937508	-1.06666	0.538099	0.909111	-1.09998	0.58799	0.919792	-1.0872	0.586727	1.38604	1.38604	0.959756	0.992317	1.00774	0.800483	1.03947	1.03947	0.0586923	1.386	1.386	0.803088	1.03893	1.03893	0.231781	1.825553	-1.21131	5.11051	0.558043	0.32892	1
cg16155549	COMMD3;COMMD3	0.286076	0.793932	1.03496	1.03496	0.911	1.38943	1.38943	0.262165	1.16765	1.16765	0.579022	1.1039	1.1039	0.727421	0.906493	-1.10315	0.820406	0.964864	-1.03427	0.0244224	1.25778	1.25778	0.0970948	1.25345	1.25345	0.0970948	1.25774	1.25774	5.11047	0.991649	0.581375	1
cg11829633	PPP1R13B	0.286079	0.0729029	0.440142	-2.27199	0.972667	1.01415	1.01415	0.619263	0.81425	-1.22812	0.903226	0.951326	-1.05116	0.0315956	0.355603	2.81213	0.858856	1.07745	1.07745	0.284386	0.633691	-1.57805	0.475994	1.34625	1.34625	0.251867	0.61199	-1.63401	1.5105	1.02578	2.36906	1
cg14699542	FAM92A1	0.286081	0.819248	1.03949	1.03949	0.205163	0.797574	-1.2538	0.166004	0.778851	-1.28394	0.828401	0.962348	-1.03912	0.995158	0.998974	-1.00103	0.031861	0.653392	-1.53048	0.0769626	0.716938	-1.39482	0.757528	1.05379	1.05379	0.63043	0.92125	-1.08548	1.51049	0.684883	0.403037	1
cg22644251	TRIB1	0.286086	0.677306	1.08911	1.08911	0.916042	1.59475	1.59475	0.102468	1.34539	1.34539	0.743291	1.60479	1.60479	0.0481	0.624049	-1.60248	0.817773	0.9435	1.06023	0.776886	0.72805	0.72805	0.734614	1.36641	1.36641	0.692883	1.72119	1.72119	5.11042	0.51048	0.47488	10.2024	1
cg17290830	LSG1	0.286086	0.0783218	0.279925	-3.57239	0.242191	0.2186	0.2186	0.262554	2.13932	2.13932	0.389409	1.77573	1.77573	0.291668	0.490514	-2.03868	?	?	?	0.393127	1.76739	1.76739	0.472515	1.60914	1.60914	0.419764	1.7103	1.7103	1.51205	9.02186	5.96663	1
cg27509823	EC1	0.286092	0.0323376	0.27602	-3.62203	0.972851	1.01764	1.01764	0.532922	0.728885	-1.38335	0.156123	0.458601	-2.18056	0.215984	0.512314	-1.95238	0.79297	1.14471	1.14471	0.108317	0.405626	-2.46587	0.0702854	0.722885	1.3835	0.0702854	1.02858	1.02858	5.11042	0.54566	0.31558	1.37465	1
cg06638113	CNTNAP2	0.2861	0.435286	1.89801	-1.11357	0.2489	0.847697	-1.17689	0.97421	0.995641	-1.00438	0.267502	0.701398	-1.42572	0.294575	0.863371	-1.15825	0.866899	0.977586	-1.02293	0.481776	0.907894	-1.10145	0.761735	1.04195	1.04195	0.179116	1.21272	1.21272	5.11043	0.436902	0.257116	1
cg17532626	GABBR1;GABBR1;GABBR1	0.2861	0.937776	1.0242	1.0242	0.0264894	2.23851	2.23851	0.0807241	1.80995	1.80995	0.150593	1.6031	1.6031	0.632684	1.15894	1.15894	0.176003	1.55381	1.55381	0.395732	1.30529	1.30529	0.271548	1.41994	1.41994	0.786475	1.08673	1.08673	5.11043	2.24464	1.32097	1
cg21245783	GIGYF1	0.286107	0.0798251	0.389445	-2.56707	0.0107	0.191821	-2.05056	0.0107	0.191821	-2.05056	0.0107	0.191821	-2.05056	0.0107	0.191821	-2.05056	0.445815	0.689125	-1.45111	0.623104	0.788695	-1.26792	0.182256	1.37904	1.37904	0.0729	1.08117	1.08117	5.11041	0.561189	0.331577	1
cg14482998	FYN;FYN;FYN	0.286115	0.109533	0.249023	-4.0157	0.213363	0.84087	-1.84087	0.367653	2.0904	2.0904	0.659339	0.702239	-1.42402	0.0741476	0.201121	4.97213	0.691258	1.37448	1.37448	0.262214	0.393961	-2.53832	0.938144	0.940031	-1.06379	0.362577	0.474433	-2.10778	5.10139	15.1874	8.93803	1
cg09161592	PANK1;PANK1;PANK1	0.286119	0.0489793	0.2566	-3.89707	0.0117911	0.211791	0.211791	0.0336265	0.138943	0.138943	0.0117911	0.211791	0.0336265	0.0117911	0.211791	0.0336265	0.989139	0.994363	1.00567	?	?	1.00567	0.0155388	0.992054	1.02564	0.0155388	0.985681	1.01585	5.11039	3.12995	1.73421	1
cg04747188	VASH1	0.286123	0.545224	0.894666	-1.11774	0.0369625	1.55341	1.55341	0.145574	1.32855	1.32855	0.546441	0.894974	-1.11735	0.750564	0.943667	-1.0597	0.406584	0.856972	-1.1669	0.175058	1.29979	1.29979	0.842295	1.03688	1.03688	0.883059	0.973597	-1.02712	5.10136	0.790608	0.465295	1
cg24446242	NOTCH4	0.286131	0.164211	0.330255	-3.02796	0.332	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg00766322	AUTS2;AUTS2	0.286308	0.982529	0.994768	1.05526	1.0408036	1.76391	1.76381	0.6550051	1.115141	1.1.1541	0.5414754	1.155948	1.155948	1.102446	1.332313	1.27075	1.270575	0.50264	1.8496003	-1.17702	0.5340913	1.80847	1.808497	1.13972	1.17872	0.5531093	1.155545	1.150977	1.37239	0.808007	1
cg26890706	RNF182;RNF182;RNF182;RNF182	0.286309	0.0777247	0.2182277	-4.58135	0.0882244	1.0115	1.0115	0.78656	0.8100015	-1.23454	0.545278	0.621745	-1.60838	0.147985	0.2997339	-3.33624	0.158473	0.310276	-3.22294	0.0770561	0.2173564	-4.60509	0.0869538	0.2305114	-4.33819	0.183542	0.33441	-2.99034	1.50977	14.4105	8.4843	1
cg14224786	KCNT1	0.286311	0.542105	0.84393	-1.18495	0.2228336	1.42226	1.42226	0.78862	1.07669	1.07669	0.639249	1.13863	1.13863	0.781594	1.07942	1.07942	1.07942	0.135487	1.556511	1.55651	0.42041	0.7974434	-1.25402	0.0393287	0.519124	-1.92632	0.6940444	1.11485	1.11485	1.50976	1.8081	1.06454	1
cg10090757	C14orf102;C14orf102	0.286317	0.6258351	0.864078	-1.1573	0.1055116	1.69178	1.69178	0.5330256	1.20838	1.20838	0.559106	1.39205	1.39205	0.3869663	1.00381	1.003846	1.003846	0.7870102	1.092636	-1.08185	0.01984097	1.30754	1.307754	0.8109582	1.233111	1.50974	2.113369	1.224448	1.50977	2.2.2249	1.2.2249	1
cg11606575	ING1;ING3	0.28632	0.831026	0.970881	-1.02999	0.0370856	1.3976	1.3976	0.714386	1.05214	1.05214	0.325479	0.8690007	-1.15074	1.088837	0.8248877	-1.2123	0.295521	1.1617	1.1617	0.812606	0.967795	-1.03328	0.621781	0.9335544	-1.07119	0.302628	1.15913	1.15913	1.50973	0.45728	0.269234	1
cg07415687	TNND5;TNND5	0.286324	?	?	0.2775111	3.76765	3.76765	0.834082	1.22911	1.2751	?	?	?	?	?	?	?	?	?	0.141334	0.5605	0.56605	0.1088111	0.14059	0.14059	1.61057	14.4784	13.4844	1
cg21556223	SLC22A23;SLC22A23	0.286327	0.101141	0.373085	-2.68036	0.0487226	0.290444	3.443	0.0853408	0.3518251	-2.84236	0.87383	1.0912	1.0912	0.196136	0.472026	-2.11853	0.199314	0.474819	-2.10607	0.240874	0.509498	-1.96271	0.307323	0.557081	-1.79507	0.721974	0.821826	-1.2168	1.50971	7.2124	4.24653	1
cg22258388	SAC1;SAC1;SAC1;SAC1	0.286329	0.127653	0.518032	-1.93039	0.558077	0.794538	1.25861	0.2316167	0.594715	-1.68148	0.266594	0.631889	-1.58253	0.312485	0.658921	-1.51763	0.269282	0.631695	-1.58304	0.6010884	0.83156	-1.20402	0.8237082	0.215386	2.153836	0.2340123	0.608309	-1.6439	1.5097	3.81171	2.24428	1
cg23008806	PRKDC;PRKDC	0.286341	0.386768	0.497643	-2.00947	0.2515277	0.121969	-8.19878	0.107688	0.249817	4.00294	0.948473	1.05239	1.05239	0.93653	0.3146676	-1.37787	0.245503	0.382996	-2.61099	0.1971734	0.340514	-2.93673	0.342584	0.0462825	-2.16532	0.957621	0.958883	-1.04288	1.50966	14.9258	8.78832	1
cg19273756	SKA2;SKA2;MIR301A	0.286344	0.171877	0.306343	-3.26431	0.138768	0.273541	-3.65576	0.22299	0.352878	-2.83384	0.436132	0.523995	-1.90841	0.8822642	0.208892	-4.78717	0.225533	0.355097	-2.81613	0.0301731	0.125723	-7.954	0.315097	0.429555	-2.32799	0.509721	0.580416	-1.7229	1.50966	15.8214	9.3157	1
cg20639695	DUSP22	0.286345	0.757427	1.20091	-1.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.0523073	1.3009199	-1.32291	0.2420335	0.288249	-3.46062	0.3797437	0.4840363	-1.02034	0.6590144	0.785364	-2.27329	1.50963	7.07808	4.16765	1
cg19455953	FASTKD2;FASTKD2;MDH1B;FASTKD2	0.286351	0.624654	0.928666	-1.07681	0.094636	0.759029	-1.31747	0.255355	0.836758	-1.19509	0.358653	0.867915	-1.15219	0.0293036	0.680226	-1.4701	0.658409	0.935404	-1.06906	0.1653583	0.800936	-1.24854	0.655445	0.160973	0.746093	1.04997	1.04997	1.50963	0.538549	0.317104	1
cg15692593	GRIK2;GRIK2;GRIK2	0.286352	0.219269	0.50853	-1.96503	0.384639	1.59457	1.59457	0.5784154	1.24596	1.24596	0.465698	1.266932	1.266932	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.241965	0.562328	-1.89305	0.0851948	0.480759	0.436556	-2.29054	0.4888855	1.44493	1.44493	0.1981109	0.490662	-2.01806	1.50963	6.55149	3.8576	1
cg24162330	HERC2	0.286353	0.303621	1.175144	-1.37904	0.0150908	2.46157	2.46157	0.392983	1.30207	1.30207	0.881703	1.04594	1.04594	0.670594	0.878927	-1.13775	0.339309	1.34592	1.34592	0.560058	1.19453	1.19453	0.567299	1.19054	1.19054	0.967892	0.987932	1.012222	1.50962	2.17537	1.28089	1
cg22491646	C5orf154	0.286355	0.251832	0.719801	-1.38927	0.184343	1.42716	1.42716	0.944132	0.980936	-1.01943	0.623636	1.14548	1.14548	0.491625	0.6070332	-1.64736	0.527461	1.19224	1.19224	0.20047	0.688772	-1.44976	0.125051	0.633805	-1.57777	0.74846	1.09238	1.09238	1.50962	1.80344	1.0619	1
cg15994984	HSPD1;HSPD1;HSPD1;HSPE1	0.286361	0.170261	1.2864	1.2864	0.344469	1.19179	1.19179	0.4874307	1.1.1117	1.13117	0.651369	0.9545561	-1.08159	0.102752	0.735041	-1.36047	0.596198	1.0966	1.0966	0.296335	0.829678	-1.20529	0.221909	1.24779	1.24779	0.201476	1.262188	1.26188	1.5096	0.710891	0.41859	1
cg21854491	C13orf18	0.286362	0.466342	0.79544	-1.25717	0.572841	0.838694	-1.19233	0.780434	0.917342	-1.09011	0.186327	0.648855	-1.54118	0.11769	0.591811	-1.68973	0.03993	2.08165	2.08165	0.496975	0.808223	-1.23728	0.771426	0.913992	-1.0941	0.865817	1.0536	1.0536	1.5096	2.2789	1.34187	1
cg04625338	EGFR;EGFR;EGFR;EGFR	0.286365	0.855944	1.07568	1.07568	0.0407347	2.5814	2.5814	0.820079	0.912604	-1.09577	0.911975	0.956578	-1.04539	0.972264	0.98614	-1.01405	0.488922	1.32607	1.32607	0.0338976	0.70259	0.70259	0.216479	1.68557	1.68557	0.490039	1.32507	1.32507	1.50959	3.85291	2.2687	1
cg04290119	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.286367	0.566282	0.79786	-1.25335	0.205872	0.594648	-1.68167	0.0184599	0.328485	-3.04428	0.577427	0.803133	-1.24512	0.606975	0.817008	-1.22398	0.905527	0.954806	-1.04733	0.855326	0.931377	-1.07368	0.344714	1.46096	1.46096	0.420736	1.37768	1.37768	1.50958	3.62743	2.13595	1
cg27396830	C1orf187	0.286369	0.301831	1.2.2.2	1.2.2.2	0.627772	1.64454	1.65854	0.2642985	1.37585	1.37585	0.667444	1.59744	1.59744	0.194832	0.305561	-3.27605	0.457171	0.514978	-1.94183	0.304836	0.398638	-2.50854	0.0135763	0.0771139	-4.06312	0.0933346	0.409177	-2.11339	1.50958	17.9102	10.5461	1
cg13367647	GBA;GBA;GBA;GBA	0.28637	0.862896	1.07198	1.07198	0.443604	1.36901	1.36901	0.225365	1.66865	1.66865	0.785712	0.896204	-1.11582	0.670369	0.841836	-1.18788	0.085459	2.14791	2.14791	0.233796	0.606441	-1.65387	0.0899853	0.471672	-2.12102	0.588144	0.802632	-1.2459	1.50957	3.86596	2.27641	1
cg05849260	HPS5;HPS5;GTF2H1;GTF2H1;HPS5	0.286383	0.591862	1.1938	1.5096	0.346446	1.59457	1.59457	0.5784154	1.24596	1.24596	0.465698	1.266932	1.266932	0.1.2.2	0.1.2.2	0.1.2.2	0.1.2.2	0.095766	0.207012	-4.8316	0.0053113	0.144	0.144	0.0.2.2	0.1.2.2	0.1.2.2	0.1.2.2	1.50953	15.7472	10.1876	1
cg02212061	NUDT11	0.286385	0.735157	0.90524	-1.10468	0.205518	1.47938	1.47938	0.614888	1.16038	1.16038	0.502385	0.819054	-1.22092	0.0272645	0.464845	-2.15126	0.582427	0.849737	-1.17684	0.156529	0.641217	-1.55953	0.705657	1.11769	1.11769	0.782757	0.922152	-1.08442	1.50952	2.05551	1.2104	1
cg02283151	HHIP1;HHIP1	0.28639	0.970847	1.01178	1.01178	0.725153	1.19172	1.19172	0.502937	1.24331	1.24331	0.118571	1.72076	1.72076	0.334847	1.37521	1.37521	0.113167	1.7372	1.7372	0.0186915	2.49185	2.49185	0.313004	1.39697	1.39697	0.48299	1.25657	1.25657	1.50951	2.4533	1.44465	1
cg24012595	C7orf38	0.286392	0.936153	1.03766	1.03766	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.532342	1.92586	-1.04779	0.5995	0.79132	-1.2645	0.884021	0.9630303	-1.0384	0.5133315	0.848614	-1.17839	1.5095	1.61823	0.9572001	0.85201	1
cg09427374	ST3GAL5;ST3GAL5	0.286401	0.261336	0.369891	-2.7035	0.706574	0.725352	-1.37864	0.163939	0.52935	3.52935	0.817834	0.822106	-1.21639	0.0980114	0.2141646	-4.66928	0.788228	0.795658	-1.25682	0.125329	0.244508	-4.08985	0.391903	0.4748858	-2.10589	0.0956222	0.211357	-4.73134	1.50944	17.2329	10.1482	1
cg18094219	SOCS5;SOCS5;SOCS5	0.286403	0.388391	1.49945	1.49945	0.373853	1.52219	1.52219	0.888982	1.20635	1.20635	0.210892	1.27099	1.27099	0.847989	0.6032021	-1.65782	0.720853	0.848387	-1.1791	?	?	0.560353	0.764026	-1.30541	0.0818465	0.413291	-2.4196	1.50938	4.66084	2.85626	1
cg18097555	RBM5	0.286416	0.0528125	0.695743	-1.43731	0.109781	0.767257	-1.33286	0.505406	1.11782	1.11782	0.31914	1.15325	1.15325	0.751964	0.85365	-1.05365	0.466769	1.12982	1.12982	0.187492	0.79435	-1.25889	0.562273	0.907953	-1.10138	0.600028	0.91649	-1.09112	1.50942	0.6493932	0.382423	1
cg18056738	LOC285830;LOC285830	0.286417	0.577773	0.913395	-1.09482	0.167327	1.2676	1.2676	0.266535	1.20501	1.20501	0.55253	1.10164	1.10164	0.512288	0.89847	-1.113	0.22278	1.22923	1.22923	0.446584	0.882518	-1.13312	0.0625998	0.713507	-1.40153	0.603382	1.0881	1.0881	1.50942	0.6203191	0.365345	1
cg04347134	HEPH;HEPH;HEPH;HEPH	0.286423	0.867771	1.05157	1.05157	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.621748	1.13867	1.13867	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	1.50941	0.6.2.2	0.0.2.2	0.0.2.2	1
cg24587796	RPSP	0.286439	0.661053	1.06724	1.06724	0.43675	1.12414	1.12414	0.338989	0.864699	-1.15647	0.917491	0.984731	-1.0154	0.68606	0.740322	-1.35076	0.242354	0.834868	-1.19779	0.0847741	1.1248	1.1248	0.173642	1.32468	1.32468	0.663	0.957428	-1.04446	0.449505	0.892552	-1.12038	1.50935	0.5200896	0.306295	1
cg02110701	ZFP41	0.286443	0.135883	0.3946	1.5096	0.346446	1.34703	1.34703	0.2.2.2	1.14585	1.14585	0.541145	1.07611	1.07611	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.085706	0.207012	-4.8316	0.0053113	0.144	0.144	0.0.2.2	0.1.2.2	0.1.2.2	0.1.2.2	1.50933	15.7472	10.1876	1
cg04419856	BAT2	0.286445	0.266154	1.43818	1.43818	0.988716	1.00445	1.00445	0.0921474	1.78856	1.78856	0.577888	1.1928	1.1928	0.716219	1.12131	1.12131	0.496972	1.24146	1.24146	0.108327	1.7322	1.7322	0.0213694	2.38058	2.38058	0.584057	1.18933	1.18933	1.50933	2.35124	1.38471	1
cg07917644	CHSY1	0.286445	0.263979	1.58852	1.58852	0.4104037	0.392602	2.54711	0.649327	0.833988	-1.19906	0.810984	0.909361	-1.09967	0.328528	1.49173	1.49173	0.634785	0.827156	-1.20896	0.12338	1.93839	1.93839	0.956834	0.979641	-1.02078	0.60839	0.814696	-1.22745	1.50933	3.7591	2.21396	1
cg25599538	UCP1	0.286446	0.877967	1.13966	1.13966	0.234646	0.234646	-4.2647	0.626533	0.66349	-1.76569	0.275723	0.368584	2.71223	0.3503417	2.85457	2.85457	0.253724	0.394045	-2.53911	0.0312008	0.16026	1.10206	1.10206	0.0.2.2	0.1.2.2	0.1.2.2	0.1.2.2	1.50932	12.131	8.19229	1
cg01517364	ZCCHC14	0.286447	0.600821	1.40389	1.40389	0.0943807	1.2596	1.2596	0.571734	1.44371	1.44371	0.820033	1.15769	1.15769	0.0537037	0.244697	-4.08669	0.257318	0.467826	-2.13755	0.283944	0.488037	-2.04484	0.902176	0.924024	-1.08222	0.662932	0.754404	-1.32555	1.50933	9.87091	5.81329	1
cg06521987	TALDO1;TALDO1	0.286451	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.952296	-1.05009	0.542375	0.95651	1.13051	0.210604	0.52567	-1.90233	0.6459959	0.708312	-1.41204	0.175645	0.449441	-2.0181	0.0182181	0.55171	-1.81205	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	-2.24767	0.857746	1.09141	1.09141	1.50933	0.5809	0.384566	1
cg15246139	FLVBL	0.286455	0.728302	1.07214	1.07214	0.336713	2.21878	1.21878	0.0880949	0.686599	-1.45645	0.559451	1.12512	1.12512	0.0197201	1.47889	1.47889	0.101616	1.43045	1.43045	0.784788	0.946791	-1.0562	0.553007	1.12736	1.12736	0.871261	1.03293	1.03293	1.5093	0.953714	0.561681	1
cg07501747	ATP5J4	0.286457	0.840388	0.963271	-1.03813	0.737553	1.0644	1.0644	0.811981	1.04521	1.04521	0.656462	0.920282	-1.08662	1.108641	1.38366	1.38366	0.933953	1.0155	1.0155	0.0147714	1.74494	1.74494	0.925388	1.01753	1.01753	0.727991	0.93726	-1.06694	1.50929	0.9231169	0.484801	1
cg05998486	KCNH2;KCNH2	0.286458	0.3283186	1.52356	1.52356	0.524746	0.721047	1.45683	0.182516	0.634457	-1.57615	0.313051	0.2210604	2.01641	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.175645	0.449441	-2.0181	0.0182181	0.55171	-1.81205	0.0.2.2	0.0.2.2	0.0.2.2	-2.24767	0.857746	1.09141	1.09141	1.50933	0.5809	0.384566	1
cg21131194	PAX6;PAX6;PAX6	0.286459	0.0661375	0.343041	-2.91511	0.751094	1.1796	1.1796	0.171536	2.12883	2.12883	0.470276	0.682991	-1.46455	0.559451	1.12512	1.12512	0.0197201	1.47889	1.47889	0.101616	1.43045	1.43045	0.784788	0.946791	-1.0562	0.553007	1.12736	1.12736	0.871261	1.03293	1.03293	1.5093	0.953714	0.561681	1
cg01008060	TCEA1;TCEA1	0.286459	0.10877	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.0.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.3.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	1.50929	0.0.2.2	0.0.2.2	0.0.2.2	1
cg03542686	CAP2B	0.286459	0.669032	1.16881	1.16881	0.213149	1.60891	1.60891	0.24449	1.55525	1.55525	0.144526	1.76563	1.76563	0.55502	0.805283	-1.2418	0.967597	1.01484	1.01484	0.587349	0.819753	-1.21988	0.0257461	2.61342	2.61342	0.468524	1.30672	1.30672	1.50929	3.14502	1.85225	1
cg09562372	UG1	0.286466	0.740786	0.914988	-1.12701	0.397477	1.04441	1.04441	0.490661	0.649575	-1.53947	0.0252817	0.954175	-1.05241	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.614193	1.36784	1.36784	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	1.50929	0.0.2.2	0.0.2.2	0.0.2.2	1
cg09495859	PLEKHH3	0.286467	0.564903	0.91843	-1.08881	0.232502	0.951065	-1.05145	0.460661	1.16046	1.16046	0.68562	0.942212	-1.06133	0.626836	0.785463	-1.27314	0.631039	0.931683	-1.07333	0.0577095	0.730648	-1.35865	0.147582	0.796746	1.2551	0.281602	1.17779	1.17779	1.50926	0.513177	0.310161	1
cg03316474	SCNN1;LYSMD1;LYSMD1 GHSL;GHSL;GHSL;GHSL;GHSL;GHSL;G HRLOS;GHRL;GHSL;GHRLOS;GHRL;GLS	0.286477	0.527805	1.77333	1.77333	0.106363	4.85085	4.85085	0.178898	3.59232	3.59232	0.810405	0.806352	-1.24015	0.476061	0.522583	-1.91357	?	?	?	0.0817026	0.177677	-5.62819	0.767632	0.766937	-1.30389	0.55404	1.7092	1.7092	1.51077	17.0574	11.2905	1
cg01530800	HRL;GHRL;GHRL;GHRLOS;GHRL	0.286479	0.488983	1.44712	1.44712	0.259957	0.536071	-1.86542	0.782125	1.15692	1.15692	0.166441	2.26954	2.26954	0.0875091	0.370922	-2.69598	0.735338	0.83662	-1.19529	0.310171	0.575719	-1.73696	0.0875091	0.859145	0.895842	-1.11627	0.108683	0.396308	-2.52328	1.50922	6.6076	3.89169	1
cg05187965	TMEM72;TMEM72	0.286481	0.056266	0.515761	-1.93888	0.124797	0.601127	-1.66354	0.0858758	0.559135	-1.78848	0.405123	0.770367	-1.29808	0.161533	0.632609	-1.58075	0.134272	0.609827	-1.63981	0.188173	0.652391	-1.53282	0.989179	0.995855	-1.00416	0.82	0.932573	-1.0723	1.50922	2.24233	1.32067	1
cg01849478	MLXIP	0.286485	0.294419	0.644911	-1.55161	0.643109	1.20743	1.20743	0.8432	1.08329	1.08329	0.263276	1.60178	1.60178	0.0145296	0.608273	-2.44934	0.241246	1.64141	1.64141	0.32951	1.50158	1.50158	0.253563	0.61878	0.61878	0.905327	0.95317	-1.04913	1.5092	3.90059	2.29737	1
cg10408088	YPEL2	0.286489	0.208035	2.26496	2.26496	0.727127	1.85603	1.85603	0.58205	1.26761	1.26761	0.492681	1.12306	1.12306	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.265803	2.08593	2.08593	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	1.50919	0.0.2.2	0.0.2.2	0.0.2.2	1
cg07202581	KATNAL2;TCEB3CL	0.286493	0.0809011	0.383933	-2.60462	0.165069	0.480741	-2.08012	0.0415579	0.31278	-3.19734	0.121468	0.435873	-2.29425	0.411922	0.660376	-1.51429	0.567107	0.751171	-1.33125	0.191913	0.504981	-1.98027	0.530758	0.730472	-1.36898	0.144073	0.460153	-2.17319	1.50918	5.84706	3.44385	1
cg10832998	ABLIM1;ABLIM1;ABLIM1	0.2865	0.76119	0.900332	-1.11107	0.339993	1.14315	1.14315	0.505096	1.26188	1.26188	0.963454	1.01591	1.01591	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.152262	1.51262	1.51262	0.109099	0.546098	-1.82982	0.0.2.2	0.0.2.2	0.0.2.2	-1.23588	0.779158	1.10346	1.10346	1.50916	2.83563	1.67018	1
cg27544191	SBF1	0.286501	0.176228	0.678426	-1.474	0.249144	0.284073	-1.24336	0.0609263	0.565075	-1.76832	0.158205	1.50278	1.50278	0.46155	0.816866	-1.22419	0.639625	0.880502	-1.13572	0.823625	0.941536	-1.06209	0.248074	0.722392	-1.38429	0.358634	1.29012	1.29012	1.50915	1.74067	1.02525	1
cg12497319	GPR108;GPR108	0.286504	0.414787	1.3319	1.3319	0.127413	1.76252	1.76252	0.905253	1.04179	1.04179	0.100549	1.85611	1.85611	0.349608	0.718177	-1.39241	0.55388	0.813934	-1.2286	0.121086	0.561966	-1.77947	0.810755	0.920833	-1.08597	0.423279	0.754881	-1.32471	1.50914	2.82536	1.66414	1
cg19160508	ADAM32	0.286507	0.1101032	0.729661	-1.37045	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	0.4.2.2	1.50914	0.4.2.2	0.4.2.2	0.4.2.2	1
cg26807904	LSP1;LSP1;LSP1;LSP1;LSP1	0.286511	0.765793	0.949846	-1.17668	0.339489	1.70948	1.70948	0.138588	2.38302	2.38302	0.583474	1.352	1.352	0.500534	0.689071	-1.45123	0.141231	0.422428	-2.36727	0.280659	0.542945	-1.84181	0.203364	0.481299	-2.07771	0.232451	1.97781	1.97781	1.50912	7.08978	4.17596	1
cg10601602	DDX51;NOC4L	0.286514	0.991544	1.00442	1.00442	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	1.50912	0.0.2.2	0.0.2.2	0.0.2.2	1
cg08986651	RPL14;RPL14	0.286529	0.692521	0.875672	-1.14198	0.100493	1.82398	1.82398	0.150711	1.67277	1.67277	0.592002	0.834673	-1.19807	0.448379	0.772529	-1.29445	0.706848	0.881432	-1.13452	0.0581363	0.489035	-2.04484	0.743043	1.11615	1.11615	0.953618	1.01962	1.01962	1.50906	2.66685	1.57086	1
cg24635468	NTSE;NTSE BLCAP;BLCAP;BLCAP;BLCAP;BLCAP;BLC	0.286531	0.295539	1.40982	1.40982	0.28307	0.702474	-1.42354	0.754518	0.905799	-1.104	0.988232	1.00468	1.00468	0.0.2.2	0.0.2.2	0.0.2.2	0.0.2.2	0.081106	0.542094	-1.8447	0.500311	0.805237	-1.24187

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-111T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-112T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-121T 12T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-123T 21T vs. N)	p-value(123T vs. N)	Fold-Change(1-vs-125T 23T vs. N)	p-value(125T vs. N)	Fold-Change(1-vs-127T 25T vs. N)	p-value(127T vs. N)	Fold-Change(1-vs-537T 27T vs. N)	p-value(537T vs. N)	Fold-Change(5-vs-563T 37T vs. N)	p-value(563T vs. N)	Fold-Change(5-vs-563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg02148140	ARID1A	0.286754	0.0939868	0.416167	-2.40282	0.162939	0.492133	-2.03197	0.296285	0.597178	-1.67454	0.822862	0.89876	-1.12264	0.02262441	0.272686	-3.66723	0.350041	0.632595	-1.58079	0.161896	0.49115	-2.03604	0.643749	0.801158	-1.24839	0.7006335	0.834945	5.41379	3.10042	1
cg16544059	ZO2	0.286756	0.0158811	0.6657	-1.50218	0.694153	0.105995	1.05595	0.603609	0.93038	-1.07483	0.430608	0.895095	-1.1172	0.8341713	0.1092	1.0292	0.378934	0.883067	-1.13242	0.134781	0.80082	-1.24872	0.845172	1.0273	1.0273	0.837306	1.02873	1.02873	1.50834	0.45337	0.267179	1
cg23159218	FAM20C	0.286758	0.106569	0.717368	-1.39398	0.105828	0.716771	-1.39515	0.20782	0.778526	-1.28448	0.905838	0.97794	-1.02256	0.158166	0.752461	-1.32897	0.696717	1.07663	1.07663	0.17059	1.31663	1.31663	0.434665	0.860485	-1.16214	0.8416671	0.963001	-1.03842	0.58033	0.848842	0.500239	1
cg15456960	BSG;BSG;BSG	0.286760	0.924061	0.947264	-1.05567	0.153311	0.415566	-2.40616	0.800238	0.15503	1.15503	0.61451	1.33523	1.33523	0.103092	2.79401	2.79401	0.461386	0.652297	-1.53304	7	7	0.0839809	0.331599	-3.01569	0.580138	0.727609	-1.37436	1.5162	6.9253	3.89375	1
cg01363284	KIAA0182;KIAA0182	0.286765	0.335613	0.524307	-1.90728	0.053349	0.42622	4.10622	0.231999	2.25952	2.25952	0.482558	0.630557	-1.5859	0.157477	0.374191	-2.67243	0.500391	0.640948	-1.56019	0.518387	1.53078	0.473383	0.622378	-1.60674	0.926585	0.941829	-1.06176	1.50831	10.1019	5.9533	1
cg02353127	EIF3D	0.286766	0.215331	0.464793	-2.1515	0.130806	2.60776	2.60776	0.528881	1.45648	1.45648	0.58266	1.721787	-1.64377	0.354385	0.944932	-1.06021	0.580334	1.37758	1.37758	0.0540642	2.276782	-3.61295	0.586176	0.7240026	-1.38117	0.235526	0.481745	-2.07579	1.50831	8.24432	4.85861	1
cg05528999	INTS4	0.286769	0.328687	1.21289	1.21289	0.552891	1.1218	1.1218	0.655439	1.08979	1.08979	0.342273	1.20602	1.20602	0.715124	1.0727	1.0727	0.875552	1.03046	1.03046	0.0274236	1.64785	1.64785	0.0308357	1.6249	1.6249	0.57545	1.11441	1.11441	1.5083	0.875565	0.515999	1
cg22728790	PIN1	0.286771	0.23548	1.54328	1.19228	0.306599	0.607977	-1.16247	0.506754	1.09957	1.09957	0.248797	0.843258	-1.18592	0.6908807	1.05817	1.05817	0.537911	1.09234	1.09234	0.0677718	0.726693	-1.37734	0.914	0.9848436	-1.0154	0.2840162	1.17049	1.17049	1.50829	0.477954	0.281675	1
cg24597207	ACOX3;ACOX3 CRCP;CRCP;CRCP;CRCP;CRCP;CRCP;CRC	0.286777	0.296257	1.557549	1.39356	0.0829274	2.81706	2.81706	0.574614	1.736459	-1.35785	0.959506	1.02777	1.02777	0.075137	1.343653	-2.91237	0.15943	2.52029	2.52029	0.8268651	1.12543	1.12543	0.934155	1.04558	1.04558	0.821404	0.885118	-1.12971	1.50827	6.950744	4.09636	1
cg18115495	P;CRCP	0.286781	0.48634	1.19906	1.19906	0.664535	0.894059	-1.11849	0.611857	0.876926	-1.14035	0.964805	0.988739	-1.01139	0.0272975	0.511543	-1.95487	0.818846	0.942822	-1.06065	0.0739333	0.55978	-1.66728	0.553881	1.16612	1.16612	0.634544	1.13077	1.13077	1.50826	1.57347	0.927324	1
cg08687551	SAPS2	0.286787	0.203998	1.30438	1.30438	0.286727	1.24518	1.24518	0.761024	1.06233	1.06233	0.882463	0.971101	-1.02976	0.335936	1.21734	1.21734	0.029866	1.65971	1.65971	0.250366	1.26882	1.26882	0.990766	1.0023	1.0023	0.0638501	1.51121	1.51121	1.50824	0.938534	0.55313	1
cg20364198	TRIM26	0.286789	0.616545	0.940415	-1.06336	0.22481	1.16757	1.16757	0.278794	1.1467	1.1467	0.216357	1.37191	1.37191	0.419722	1.06277	1.06277	0.793866	0.968674	-1.03234	0.0337245	1.35175	1.35175	0.422616	0.960242	-1.10468	0.2038371	1.17607	1.17607	1.50823	0.352868	0.207966	1
cg13806489	MKX	0.286794	0.657432	1.24728	1.24728	0.259739	1.78973	1.78973	0.0461211	1.322583	-3.09998	0.746584	0.851694	-1.17413	0.504985	1.39783	1.39783	0.498316	0.711525	-1.40543	0.101003	0.97979	-2.43321	0.960935	1.02074	1.02074	0.438569	1.47871	1.47871	1.50822	5.85514	3.45081	1
cg20513833	C14orf126	0.286802	0.745102	1.21635	1.21635	0.385701	1.71266	1.71266	7	7	0.4482233	1.59461	1.59461	7	7	0.0440585	0.223933	-4.46563	0.798779	1.66567	0.16567	2.04325	2.04325	0.388545	1.88565	0.652027	0.761203	-1.31371	1.61922	6.830037	3.61569	1
cg13567404	RPH3AL	0.286804	0.260724	2.0001	2.0001	0.1726955	1.36281	1.36281	0.262161	0.454783	-2.19885	0.701579	1.25549	1.25549	0.38446	1.77	1.77	0.24264	2.05977	2.05977	0.0684657	1.3379	1.3379	0.244225	1.25402	2.05432	0.168312	2.38113	2.38113	1.50819	0.34157	0.194162	1
cg24853644	PHF20L1;PHF20L1;PHF20L1	0.286807	0.101845	0.556088	-1.79828	0.363556	1.35797	1.35797	0.793359	1.08984	1.08984	0.356307	1.36466	1.36466	0.906628	0.962279	-1.0392	0.958091	0.982927	-1.01737	0.0952929	0.548498	-1.82316	0.231028	1.50939	1.50939	0.240049	1.49647	1.49647	1.50818	2.56492	1.51172	1
cg26903105	ADAM32	0.286813	0.771384	1.06443	1.06443	0.388046	1.20832	1.20832	0.681454	0.935502	-1.0923	0.401409	1.20166	1.20166	0.617235	0.897839	-1.1138	0.0977582	1.47488	1.47488	0.021429	1.80609	1.80609	0.72484	0.927193	-1.07853	0.95612	1.01178	1.01178	1.50816	1.09282	0.644094	1
cg05967120	TSC22D4	0.286814	0.657589	0.792884	-1.26122	0.0536553	0.51082	-1.12676	0.809731	0.81417	-1.13417	0.194317	0.886374	1.01755	0.0197587	1.644797	1.644797	0.155257	0.453289	-2.2061	0.0626016	0.33617	-2.97466	0.176315	0.473366	-2.11253	0.646675	1.27139	1.27139	1.50815	6.46493	3.81036	1
cg23535326	CDK4	0.286815	0.172821	1.46704	1.46704	0.97886	0.993025	-1.00702	0.556916	0.854749	-1.16993	0.599341	0.869323	-1.15032	0.0962012	0.61719	-1.62025	0.480191	1.20875	1.20875	0.160646	0.67308	-1.48571	0.241382	1.3826	1.3826	0.30371	1.325	1.325	1.50815	1.66691	0.982458	1
cg20360950	ARID1B;ARID1B;ARID1B	0.286815	0.0969059	1.02896	1.02896	0.113616	1.85402	1.85402	0.217511	0.627748	1.593	0.216152	0.626793	-1.59542	0.0228401	1.373418	1.373418	0.686585	1.864607	-1.1566	0.206743	1.6127	1.6127	0.182008	1.54563	1.54563	0.162623	0.235956	1.56163	1.56163	1.50815	3.07062	1.81333	1
cg02128979	MRAK7;MKRA7;MKRA7	0.286819	0.11456	0.628564	-1.59093	0.249977	0.722345	-1.38438	0.804458	0.935091	-1.06941	0.9071	0.96891	-1.03209	0.517971	1.19401	1.19401	0.749117	0.916855	-1.09068	0.041765	1.88686	1.88686	0.424663	1.2468	1.2468	0.580448	0.859827	-1.16302	1.50814	1.74825	1.03041	1
cg20053493	FNBP4	0.286827	0.177064	1.39325	1.33825	0.448378	1.37038	1.37038	0.0124702	1.5	1.5	0.0124702	1.50134	1.50134	0.0177506	1.671402	-1.48942	0.0479751	1.80714	1.80714	1.00714	2.14214	2.14214	0.0105047	1.95384	1.95384	0.0139073	1.22153	1.22153	1.50811	0.980007	0.580568	1
cg09390792	TSPAN18	0.286827	0.040915	0.490514	-2.03868	0.354352	0.982868	-1.01743	0.0856839	0.563597	-1.77432	0.616353	0.858565	-1.16473	0.354263	0.749987	1.33336	0.808225	1.07617	1.07617	0.306044	0.726209	-1.37701	0.106364	0.587248	-1.70286	0.162054	0.6372	-1.56937	1.50811	2.17661	1.28291	1
cg01302557	FHAD1	0.286827	0.432462	0.492281	-2.03136	0.2428061	7.86649	7.86649	0.107386	4.73322	4.73322	0.940633	1.06811	1.06811	0.639349	0.658664	-1.51823	0.95617	1.04982	1.04982	0.601072	1.59474	1.59474	0.189997	0.292885	-3.41431	0.805206	0.803165	-1.24432	1.50811	18.6932	11.0178	1
cg23975157	CTBP2;CTBP2;CTBP2	0.286834	0.266864	1.41258	1.41258	0.2564	1.53255	1.53255	0.0183368	1.83562	1.83562	0.0435556	1.83082	-1.23332	0.0488502	0.970939	-1.14453	0.636069	1.61584	1.61584	0.0116233	0.452915	1.55002	-1.65705	0.13098	1.33098	0.23589	0.795516	-1.2634	0.6010115	1.10442	0.846227	0.489778	1
cg03505886	GTF2H1;GTF2H1	0.286841	0.324277	0.423861	-2.35926	0.0188673	0.090877	-11.0039	0.118799	0.239877	-4.16881	0.733912	0.74999	-1.33335	0.349258	0.443754	-2.2535	0.297832	0.402522	-2.48434	0.183604	0.304353	-3.28566	0.766686	1.28517	1.28517	0.685202	0.709185	-1.41007	1.50807	16.9813	10.0091	1
cg26469102	LRP5	0.286843	0.805383	0.756801	-1.32115	0.230546	1.31588	1.31588	0.831545	1.03888	1.03888	0.314986	1.32407	1.32407	0.0683	0.596251	-1.67693	0.515646	1.12501	1.12501	0.0703456	1.74018	1.74018	0.0964201	1.60933	1.60933	0.0731	0.705046	1.15858	1.15858	1.50806	0.762712	0.449562	1
cg25363527	PTPRN2;PTPRN2;PTPRN2	0.286844	0.199553	0.73482	-1.36088	0.654675	1.10777	1.10777	0.560952	0.876151	-1.14136	0.0538712	0.607987	-1.64477	0.920614	0.977592	-1.02292	0.530286	0.865428	-1.1555	0.134366	1.44341	1.44341	0.493185	1.19647	1.19647	0.291337	0.779636	1.28265	1.50806	2.13447	0.727629	1
cg10828210	VCP	0.286857	0.137527	0.298101	-3.35457	0.206539	0.364874	-2.74067	7	7	7	7	7	7	1.146643	3.25098	3.25098	0.179031	0.339512	-2.94541	0.539017	1.60107	1.60107	0.928101	0.933982	-1.07068	0.8698115	1.13216	1.13216	1.51097	10.659	8.06222	1
cg20888995	ARHGEF3;ARHGEF3	0.286857	0.810731	0.955401	-1.04673	0.802817	1.52492	1.52492	0.100802	1.95004	3.05904	0.442949	0.687755	-1.4668	0.0478	0.975106	-1.02545	0.637354	1.14365	1.14365	0.252023	2.10194	2.10194	0.315359	1.90761	1.90761	0.930184	0.946946	-1.05603	1.50801	3.24134	2.4483	1
cg23053299	ITGA1;PELO	0.286859	0.0314333	0.663872	-1.50632	0.41138	0.24603	1.14609	0.362671	0.859096	-1.16401	0.460393	0.885146	-1.12976	0.541713	1.10548	1.10548	0.109499	0.753327	-1.32744	0.441784	0.880451	-1.13578	0.725496	1.05889	1.05889	0.843952	1.03251	1.03251	1.50801	0.629355	0.37097	1
cg26067096	ASB15	0.286863	0.40803	1.36383	1.36383	0.428824	1.62672	1.62672	0.126632	0.960705	0.202279	0.584367	0.849366	-1.17787	0.312224	0.970382	-1.03066	0.797988	0.940248	-1.06347	0.155437	1.05557	1.05557	0.778834	1.05884	1.05884	0.1339073	1.22153	1.22153	1.50801	0.980007	0.580568	1
cg10715265	DAB1	0.286867	0.485402	0.840819	-1.18932	0.359684	1.25901	1.25901	0.411714	1.22787	1.22787	0.829157	1.05427	1.05427	0.891483	0.96727	-1.03384	0.128868	0.669397	1.49388	0.0653124	0.602883	-1.6587	0.22157	1.36921	1.36921	0.41281	1.22725	1.22725	1.50798	1.4286	0.842095	1
cg19932450	LOC100132354 ;LOC100132354 ;PAX3;PAX3;PAX3;PAX3;CCDC140;	0.286869	0.13312	0.655411	-1.52576	0.175849	1.45542	1.45542	0.446411	1.2243	1.2243	0.717453	-1.45949	0.657451	0.890147	-1.12341	0.320495	1.3069	1.3069	0.199662	1.42377	1.42377	0.352689	0.779295	-1.28321	0.790919	0.933062	-1.07174	1.50798	1.62381	0.957166	1
cg10035294	PAX3;PAX3;PAX3	0.28687	0.591691	0.540496	-1.81985	0.197653	0.0444791	-22.4825	0.150788	0.182178	-5.48913	0.343396	2.94275	2.94275	0.677754	0.62997	-1.58738	0.959682	1.05749	1.05749	0.924433	0.900405	-1.11061	0.78811	1.34701	1.34701	0.552749	1.94272	1.94272	1.50797	29.2044	17.2148	1
cg14445076	DHH	0.286874	0.139707	1.31346	1.31346	0.3855	1.84139	1.84139	0.795543	1.24568	1.24568	0.205108	0.645414	1.34909	1.34909	0.0911	2.00398	0.366889	1.0118	1.0118	-1.94626	0.0514254	0.203479	-4.91451	0.181384	2.73737	0.423606	0.554454	1.80357	1.50796	12.3259	7.26566	1
cg06821929	LOC101130015;LOC100130015	0.286875	0.761554	1.1262	1.1262	0.13232	0.885863	1.88563	0.0770484	2.1549	2.1549	0.362634	1.44107	1.44107	0.143226	0.540999	1.84843	0.355112	1.689712	1.689712	0.447889	0.918303	-1.08897	0.39731	1.40279	1.40279	0.448645	1.35193	1.35193	1.50796	1.64211	2.14689	1
cg26550480	RASSF2;RASSF2	0.286879	0.511575	0.742283	-1.34719	0.0375406	0.339518	-2.94535	0.0522136	0.372138	-2.68718	0.83282	0.909714	-1.09925	0.650213	0.815168	-1.22674	0.468185	0.718632	-1.39155	0.240574	0.576945	-1.73327	0.377035	1.50047	1.50047	0.927757	0.960218	-1.04143	1.50795	4.78589	2.82114	1
cg01192051	POLQ;POLQ	0.286886	0.903682	1.02585	1.02585	0.0470966	1.14932	1.14932	0.313788	1.7488	1.7488	0.127844	0.837854	-1.19379	0.0178564	1.2045	1.2045	0.178001	1.10317	1.10317	0.103317	1.54203	-1.84433	0.841457	0.927719	-1.07791	0.217565	1.62615	1.62615	1.50781	3.35178	1.97595	1
cg08968222	FAM13C;FAM13C;FAM13C;FAM13C CAMK2;CAMK2;CAMK2;CAMK2;CAMK2;CA	0.286886	0.976032	0.990296	-1.0098	0.558819	1.21153	1.21153	0.402926	0.757433	-1.32025	0.0928904	1.82225	1.82225	0.501424	0.26446	2.06446	0.243679	1.48576	1.48576	0.941201	0.176345	-5.67031	-1.02423	0.74436	1.11205	1.11205	0.105365	1.77584	1.77584	1.50792	2.51592	1.48308	1
cg04932465	MKK2;CAMKK2;CAMKK2	0.286893	0.420943	0.884417	-1.13069	0.133205	1.27379	1.27379	0.79842	0.962489	-1.03897	0.076939	1.34157	1.34157	0.099418	1.30971	1.30971	0.534324	1.09858	1.09858	0.0990691	1.31015	1.31015	0.426321	1.12902	1.12902	0.761366	1.04655	1.04655	1.5079	0.532997	0.314195	1
cg02551029	VCAN;VCAN;VCAN;VCAN	0.286897	0.843099	0.970112	-1.03066	0.207468	0.815909	-1.22563	0.888193	1.02337	1.02337	0.0191174	1.785269	-1.36009	0.379706	0.870459	-1.14862	0.642059	1.07426	1.07426	0.108361	1.76482	-1.30748	0.475757	0.894938	-1.1174	0.1598985	1.12835	1.12835	1.50789	0.559522	0.329834	1
cg17397493	PRLR	0.286898	0.731164	0.910321	-1.09796	0.207468	0.615909	-1.22563	0.888193	1.02337	1.02337	0.0191174	1.785269	-1.36009	0.379706	0.870459	-1.14862	0.642059	1.07426	1.07426	0.108361	1.76482	-1.30748	0.475757	0.894938	-1.1174	0.1598985	1.12835	1.12835	1.50789	0.559522	0.329834	1
cg08139898	PYP2R2C	0.286898	0.224886	0.545835	-1.83206	0.0891022	0.410443	-2.43639	0.474079	0.707667	-1.41309	0.154782	2.06118	2.06118	0.438028	0.686798	-1.45603	0.335233	0.623769	-1.60316	0.646367	0.802988	-1.24535	0.11720	0.445742	-2.24345	0.485599	1.40009	1.40009	1.50788	5.38715	3.17569	1
cg03525049	JPH1	0.286904	0.658028	0.947462	-1.05547	0.0781748	0.481	-2.40881	0.302051	0.24952	-4.00825	0.628069	0.806233	-1.24019	0.0976921	1.37966	1.37966	0.642859	1.12724	1.12724	0.170882	0.673034	-1.48607	0.136539	0.872887	0.922389	-1.08435	0.7859895	-1.27227	-1.14569	1.50787	13.7306	8.09421	1
cg16627285	SGCA;SGCA	0.286905	0.80074	0.788509	-1.13829	0.0459847	1.2264	1.2264	0.383652	1.58018	1.58018	0.443406	0.670162	-1.49128	0.424256	0.534518	-1.87084	0.828707	0.883195	-1.13225	0.179419	0.481725	-2.07587	0.496173	0.701948	-1.42461	0.323402	0.593103	-1.68605	1.50786	6.2646	3.693	1
cg19932916	C7orf36	0.286911	0.157609	0.352124	-2.83997	0.0113495	0.444144	-2.25104	0.0664486	0.635155	-1.4922	0.442101	1.71839	1.71839	0.437907	0.57897	-1.7272	0.687797	1.26532	1.26532	0.141079	0.613247	-1.63067	0.113449	0.3159	-3.16556	0.8069099	0.3159	-3.16556	0.8069099	0.844382	1.1843	0.70384	1.50786	6.75718	1
cg23991274	DCK	0.286912	0.712645	0.863774	-1.24012	0.207332	2.16746	-2.16746	0.363561	1.685	1.685	0.168169	0.827505	0.880774	-1.13537	0.891377	-1.08273	1.08273	1	1	0.0134497	1.63067	1.63067	0.113449	0.9911	1.0317	0.1033717	0.913837	1.50786	0.8822	0.47555	1
cg10433547	CCDC154	0.286913	0.14712	0.625371	-1.59905	0.0702064	0.54304	-1.84149	0.154495	0.615386	-1.625	0.491917	0.810094	-1.23442	0.359984	0.752801	-1.32837	0.442054	0.789386	-1.26681	0.043425	0.800544	-1.24915	0.63934	1.15305	1.15305	0.50784	2.17391	1.28155	1
cg05303289	CAPJ;CAPL1	0.286917	0.570311	0.811035	-1.23284	0.0555	0.353485	-2.83058	0.0244965	0.363363	-2.75134	0.0654653	0.763363	1.30963	0.484558	0.926477	-1.07962	0.215991	1.50226	1.50226	0.0170026	0.504803	-1.98102	0.0135996	0.650887	-1.53611	0.0539788	1.1159	1.1159	1.50784	2.26055	1.42715	1
cg03291819	RAI2	0.286917	0.428579	1.51069	1.51069	0.926504	0.953992	-1.04823	0.552078	0.735571	-1.35949	0.0519945	0.323488	-3.09131	0.0449337	0.308863	-3.23768	0.451693	1.4791	1.4791	0.894887	0.934744	-1.06981	0.429023	0.662225	-1.51006	0.4496612	0.674821	-1.48188	1.50782	6.22344	3.66883	1
cg26194215	ZNF608	0.286925	0.591143	1.22527	1.22527	0.340047	1.44539	1.44539	0.0683286	2.14817	2.14817	0.144469	1.79909	1.79909	0.320997	1.46835	1.46835	0.793691	1.10317	1.10317	0.103317	1.54203	-1.84433	0.841457	0.927719	-1.07791	0.217565	1.62615	1.62615	1.50781	3.35178	1.97595	1
cg22878693	RPTOR;RPTOR	0.286927	0.0638156	0.152083	-6.57535	0.449916	0.498602	-2.00561	0.762644	0.727785	-1.37403	0.779229	1.28921	1.28921	0.0425249	0.0887813	-11.2636	0.577063	1.66408	1.66408	0.741049	0.738469	-1.34955	0.634113	0.648287	-1.54253	0.2959339	0.375433	-2.66359	1.50779	19.5126	11.5032	1
cg01211283	PEBP4	0.286927	0.633855	0.820262	-1.21912	0.0229733	3.07434	3.07434	0.746852	1.14195	1.14195	0.487846	0.747501	-1.33779	0.949465	0.974169	-1.02652	0.411769	0.70714	-1.41415	0.33878	0.665557	-1.5025	0.221723	0.588417	-1.69947	0.834738	0.917355	-1.09009	1.50779	4.0713	2.40015	1
cg23145336	TNX8	0.286929	0.324886	1.29569	1.29569	0.3259	1.36214	1.36214	0.66627	1.1676	1.1676	0.0983585	1.972686	-1.31124	0.0831882	0.970504	-1.03046	0.760801	1.10317	1.10317	0.103317	1.54203	-1.84433	0.841457	0.927719	-1.07791	0.217565	1.62615	1.62615	1.50781	3.35178	1.97595	1
cg10913077	ARHGEF3	0.286941	0.73248	0.900178	-1.11101	0.6677827	1.87333	1.87333	0.527568	1.21806	1.21806	0.885913	0.9569009	-1.04503	0.741828	0.903546	-1.10675	0.134295	1.64115	1.64115	0.511849	0.815361	-1.22645	0.272253	1.41995	1.41995	0.135612	0.610947	-1.6368	1.50775	2.24787	1.32523	1
cg01550161	LAMB4	0.286943	0.0944	0.719494	-1.38981	0.0744	0.0944	-10.5932	0.0744	0.0944	-10.5932	0.0744	0.0944	-10.5932	0.0744	0.0944	-10.5932	0.0944	0.719494	-1.38981	0.0744	0.0944	-10.5932	0.0744	0.0944	-10.5932	0.0744	0.0944	-10.5932	0.0744	0.0944	-10.5932

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. Change(1 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg13856126	RALGPS1;ANGPTL2		0.287187	0.682958	0.480898	1.20395	0.181127	1.89975	0.180703	0.305908	1.61469	0.161937	0.537275	1.86124	0.128464	0.475837	-2.10156	0.112717	0.480352	-2.08181	0.990862	1.00519	1.00519	0.34678	1.54946	1.54946	0.627227	0.801559	1.42457	1.50696	4.87584	2.87603	1
cg07040244	EGLN1		0.287187	0.352646	0.632678	-1.58058	0.571045	1.31525	1.31525	0.416531	1.48802	1.48802	0.971245	0.982895	-1.0174	0.172232	0.498842	-2.00464		0.973108	0.983995	-1.01627	0.025980	1.0282018	-1.35458	0.202478	0.525153	-1.90421	0.512005	0.727366	-1.37482	1.50696	5.46799	3.22532	1
cg25036284	FAM59B		0.287191	0.106155	58.9606	58.9606	0.148437	35.9154	35.9154	0.591204	3.49963	3.49963	0.223729	19.168	19.168	0.335828	9.90364	9.90364		0.50553	4.76293	4.76293	0.085743	80.4471	80.4471	0.0524124	163.407	163.407	0.113016	53.7915	53.7915	1.50695	127.397	75.1463	1
cg03953828	DNAH17		0.287192	0.128847	0.779308	-1.29199	0.786628	1.04325	1.04325	0.818524	1.03653	1.03653	0.579548	1.00129	1.00129	0.167862	1.25788	1.25788	1.25789	?	?	?	0.0640828	1.38377	1.38377	0.214297	1.2264	1.2264	0.700526	1.06218	1.50843	0.517417	0.343016	1
cg22345878	VWF		0.287202	0.074615	0.218226	-4.58224	0.20701	0.360615	-2.77304	0.847677	0.862957	-1.15881	0.248725	0.396886	-2.51961	0.0995408	0.250667	-3.98936		0.194216	0.349002	-2.86531	0.0910486	0.240108	-4.16479	0.0993973	0.250492	-3.99214	0.252566	0.400124	-2.49923	1.50932	14.0201	8.27005	1
cg03550075	SFRS8		0.287202	0.14265	1.82375	1.82375	0.708023	0.756905	-1.32117	0.161281	0.330375	-3.02686	0.574046	0.656745	-1.52566	0.260963	2.34056	2.34056		0.524157	1.61263	1.61263	0.450517	0.565989	-1.76682	0.0396359	0.820078	0.508653	1.64275	1.64275	1.50932	13.08	7.71552	1
cg13672975	MPPE1		0.287212	0.17075	1.39052	1.39052	0.500096	1.16731	1.16731	0.683511	0.911522	-1.09707	0.0849074	1.53819	1.53819	0.254316	1.30869	1.30869		0.64192	0.899565	-1.11165	0.274946	0.773584	-1.29268	0.244138	0.759264	-1.31706	0.292137	1.28022	1.28022	1.50688	1.21911	0.719136	1
cg03171205	LYPLA2		0.287213	0.921589	1.09211	1.09211	0.0886557	1.25822	1.25822	0.14671	1.2096	1.2096	0.121459	1.22795	1.22795	0.999017	1.00001	1.00001		0.723623	0.957513	1.04437	0.0453167	0.859112	1.16371	0.405397	0.850124	-1.10973	0.308103	1.13772	1.13772	1.50688	0.356988	0.210582	1
cg01609279	TRAPPC9;TRAPPC9		0.287215	0.508781	1.20927	1.20927	0.446558	1.08239	1.08239	0.554266	0.901621	-1.10911	0.358294	1.17767	1.17767	0.256236	0.814514	-1.22773		0.118562	1.34089	1.34089	0.0760903	1.40418	1.40418	0.287797	0.826084	-1.21053	0.484985	0.875099	-1.14273	1.50687	0.715264	0.421927	1
cg25488567	FAM26F		0.287219	0.061757	0.487252	-2.05233	0.1378	1.72655	1.72655	0.968724	1.01349	1.01349	0.707152	0.878996	-1.13766	0.89111	0.954269	-1.04792		0.438754	0.763462	-1.30982	0.0997666	1.85232	1.85232	0.702186	1.1403	1.1403	0.587979	0.829501	-1.20554	1.50686	2.78715	1.64412	1
cg04881755	INPP5A		0.287220	0.758632	1.23501	1.23501	0.741891	1.2994	1.2994	0.373744	1.37024	1.37024	0.337921	1.37921	1.37921	0.273374	1.22696	1.22696	1.32828	0.359824	1.90562	1.90562	0.145594	1.52034	1.52034	1.52034	0.0490524	1.61554	1.61554	1.50686	11.1951	6.60395	1
cg20652863	MXI1;MXI1		0.287221	0.199246	1.14202	1.14202	0.728561	0.966465	-1.0347	0.115048	1.18266	1.18266	0.407044	0.930683	-1.07448	0.212532	0.879367	-1.13718		0.250564	1.12462	1.12462	0.380426	1.09208	1.0928	1.0974	1.14271	1.14271	0.193987	1.14402	1.14402	1.50686	0.228765	0.134948	1
cg21700041	LEO1		0.287222	0.292228	1.23147	1.23147	0.923362	0.978934	-1.02046	0.201404	1.31911	1.31911	0.686615	0.920123	-1.08851	0.143488	1.38084	1.38084		0.542186	1.2225	1.2225	0.165171	0.703555	-1.42136	0.352134	1.2172	1.2172	0.159358	1.39076	1.39076	1.50685	5.05067	0.593241	1
cg24398956	SRP14;SRP14		0.287227	0.933032	0.595566	-1.04124	0.553727	0.625885	-1.59774	0.627723	1.36918	1.36918	0.255857	0.555511	-1.80014	0.141394	0.625994	-2.1742		0.163004	0.481287	-2.07776	0.156875	0.475411	-2.10344	0.526355	0.37004	-2.70164	0.164723	0.270077	0.370077	1.50684	5.7557	3.39531	1
cg08307612	DNAIC5		0.287233	0.359157	1.23181	1.23181	0.455489	0.845274	-1.18305	0.634778	1.11162	1.11162	0.483166	0.854192	-1.1707	0.491468	0.856883	-1.16702		0.065049	1.58108	1.58108	0.653563	1.10334	1.10334	0.290543	1.27452	1.27452	0.0610371	1.59499	1.59499	1.50683	1.16709	0.688472	1
cg14278148	UGCG		0.287233	0.109993	0.505166	-1.97955	0.960668	1.00006	1.00006	0.84065	0.962055	0.962055	0.254504	-1.08102	0.512088	0.770562	-1.29776	0.114334	0.510097	-1.96057		0.148637	0.54485	-1.83537	0.0246972	0.950562	1.05153	-1.42342	0.42222	0.725166	-1.37899	0.5082	1.96683	1.50681	3.66583	2.1631	1
cg06887414	RPN1		0.287234	0.704174	0.939327	-1.06459	0.320574	1.18341	1.18341	0.111812	1.32861	1.32861	0.919453	0.98354	-1.01673	0.455656	1.13278	1.13278		0.888637	0.977273	-1.02326	0.0446329	0.685026	-1.4598	0.48084	0.889073	-1.12477	0.364607	1.16516	1.16516	1.50681	0.642488	0.379012	1
cg22544863	HSLYNP2		0.287234	0.750853	1.21769	1.21769	0.205403	2.26272	2.26272	0.846535	0.887093	-1.12738	0.92905	1.05661	1.05661	0.52718	1.48606	1.48606		0.0225024	0.194552	-5.14354	0.6996661	0.780886	-1.2806	0.422021	1.6605	1.6605	0.359127	1.79141	1.79141	1.50681	9.12336	5.38199	1
cg00531750	URG1		0.287236	0.296991	0.687612	-1.45365	0.218836	1.56457	1.56457	0.551915	0.79756	-1.25382	0.607708	1.16123	1.16123	0.521154	1.03486	1.03486		0.842254	1.0714	1.0714	0.0717871	1.2004	1.2004	0.178115	1.64082	1.64082	0.0843453	1.93647	1.93647	1.50681	2.85888	1.6805	1
cg15685513	WDR81;WDR81;WDR81;WDR81		0.287236	0.0514861	0.31674	-3.15716	0.269983	1.81428	1.81428	0.616407	1.29944	1.29944	0.408892	1.54966	1.54966	0.976427	1.01544	1.01544		0.142145	0.441146	-2.26682	0.236546	1.90253	1.90253	0.70708	1.21625	1.21625	0.762864	0.854763	-1.16991	1.50681	0.41826	0.38623	1
cg05418246	MYOF;MYOF		0.287238	0.80053	0.942402	1.06112	0.205453	0.729189	-1.36979	0.134133	0.648497	-1.54207	0.225554	1.32062	1.32062	0.0733405	0.757437	1.32067		0.670314	1.10553	1.10553	0.117832	1.48871	1.48871	0.0838409	0.774024	-1.28336	0.416877	0.823332	-1.21458	1.5068	1.31	0.772797	1
cg03532422	DHX30;DHX30;DHX30;DHX30		0.287246	0.961004	1.02968	1.02968	0.536443	1.45461	1.45461	0.971479	1.02162	1.02162	0.678816	0.779339	-1.28314	0.0887752	0.31971	-3.12784		0.647428	1.31752	1.31752	0.055888	0.274092	-3.64841	0.152524	2.52568	2.52568	0.523827	0.678266	-1.47435	1.5537	8.62081	4.31554	1
cg20555564	C14orf133;AHSA1		0.287252	0.601063	1.43768	1.43768	0.400828	0.733822	1.35107	0.0911	1.36173	1.36173	0.177168	1.84477	1.84477	0.0111427	1.81647	1.81647		0.799933	1.47948	1.47948	0.0178661	?	?	?	0.0153622	1.20273	1.20273	0.0824	1.87383	1.53403	1			1
cg23185481	DYNLL1;DYNLL1;DYNLL1		0.287254	0.208096	0.791969	-1.26268	0.977381	1.00499	1.00499	0.817117	1.04155	1.04155	0.0757753	0.706583	-1.41526	0.153519	1.30806	1.30806		0.131293	0.75104	-1.33149	0.836231	1.03704	1.03704	0.268694	0.816734	-1.22439	0.702895	1.06966	1.06966	1.50675	0.736935	0.434745	1
cg15473411	OGFR		0.287257	0.634076	0.851915	-1.17383	0.0471718	2.13632	2.13632	0.0393353	2.21843	2.72868	1.32343	1.32343	1.32343	0.139599	1.39599	1.39599		0.365363	1.36458	1.36458	0.890414	0.954971	-1.04715	0.657203	0.846401	-1.05637	0.670213	0.866605	-1.15393	1.50674	2.6656	1.57255	1
cg05776931	ZNF131		0.287258	0.608326	1.24042	1.24042	0.600997	0.823149	1.21531	0.0810103	1.29119	1.29119	0.448437	1.48423	1.48423	0.0615568	1.50038	1.50038	1.42618	0.850533	1.30804	1.30804	0.0414743	?	?	?	0.0154741	1.50674	1.50674	1.50674	1.41466	0.944452	1
cg03684455	MAD1L1;MAD1L1;MAD1L1		0.287259	0.214267	0.798979	-1.2516	0.885715	0.975618	-1.02499	0.039283	0.664089	-1.50582	0.927146	0.984425	-1.01582	0.411338	0.865727	-1.1551		0.662879	0.927476	-1.0782	0.0793024	1.39703	1.39703	0.861228	0.970414	-1.03049	0.91667	0.982197	-1.01813	1.50673	0.703008	0.414736	1
cg26267401	SYAP1;SYAP1		0.287262	0.262963	0.519313	-1.92563	0.743384	1.08497	1.08497	0.716456	0.924983	-1.42888	0.951993	1.00045	1.00045	0.990429	1.02483	1.02483	1.20189	0.0553609	1.37928	1.37928	-1.62444	0.9015917	1.33063	1.33063	0.205953	0.549317	1.48178	1.50673	4.70428	2.82188	1
cg21840908	POR		0.287262	0.137932	0.441384	-2.2656	0.220948	0.517491	-1.5924	0.0754908	0.363111	-2.75398	0.685154	0.811654	-1.23205	0.0551249	0.328491	1.04422		0.462051	0.681606	-1.46712	0.0771517	0.365646	-2.73488	0.203199	0.502744	-1.98908	0.463832	0.686299	-1.45709	1.50673	0.25466	3.68992	1
cg11658588	PUBP1		0.287263	0.996035	1.00067	1.00067	0.176219	1.21388	1.21388	0.60095	1.07391	1.07391	0.693109	1.05545	1.05545	0.0231823	0.69359	-1.44177		0.597424	0.930681	-1.07448	0.237805	0.846464	-1.18139	0.915079	0.985725	-1.01448	0.711441	0.951148	-1.05136	1.50672	0.433589	0.255796	1
cg14442408	C21orf63		0.287265	0.176733	1.1542	1.1542	0.0889295	1.19137	1.19137	0.0961793	1.15801	1.15801	0.0898617	1.24656	1.24656	0.0973134	1.24047	1.24047		0.174337	2.00863	2.00863	0.145851	2.12473	2.12473	0.0406075	1.83184	1.83184	0.0609104	1.82626	1.82626	1.50671	2.55935	1.27975	1
cg10359333	SLC5A5		0.287272	0.702928	0.916103	-1.09158	0.668774	0.62776	-1.59297	0.476925	0.847567	-1.17985	0.625427	0.894603	-1.11795	0.645783	0.992273	-1.00783		0.871703	1.03765	1.03765	-1.03765	0.206771	1.35594	1.35594	0.133591	1.11669	1.11669	0.99773	0.99935	-1.00065	1.50669	1.24795	0.736239	1
cg02019163	ANO10		0.287275	0.128705	0.426824	-2.34233	0.0838231	0.923611	-1.08311	0.274491	0.613444	1.63044	0.376926	1.17976	0.623892	0.373534	1.17976	0.623892	0.373543	0.8893	1.37091	1.37091	0.0660117	-1.03422	0.182295	0.229533	1.22675	0.0819	1.50669	1.24795	0.736239	1
cg25811737	SFRS15;SFRS15;SFRS15		0.287280	0.686711	0.919668	-1.08735	0.178041	1.34391	1.34391	0.689276	1.08655	1.08655	0.356088	0.82197	-1.21659	0.658658	0.912266	-1.09617		0.169549	0.739171	-1.35287	0.0420901	0.616492	-1.62208	0.57409	1.12445	1.12445	0.528136	1.14112	1.14112	1.50665	0.1079	0.600538	1
cg13159805	DMTF1;DMTF1;DMTF1;DMTF1		0.287282	0.379904	0.784729	-1.27432	0.216369	1.41923	1.41923	0.971397	1.0097	1.0097	0.274736	1.35776	1.35776	0.084724	1.67133	1.67133		0.60287	1.15173	1.15173	0.126137	0.640589	-1.56106	0.543942	1.17976	1.17976	0.223574	1.41078	1.41078	1.50664	1.72832	1.01968	1
cg08048178	TNK2;TNK2		0.287283	0.673559	0.818939	-1.22109	0.0362988	3.15016	3.15016	0.08188202	2.48155	2.48155	0.856978	1.08877	1.08877	0.627094	1.25961	1.25961		0.569725	1.31106	1.31106	0.392951	0.661957	-1.51067	0.271439	1.71553	1.71553	0.254494	1.75227	1.75227	1.50663	5.30302	3.12869	1
cg20440825	GAS7		0.287285	0.492382	1.15705	1.15705	0.462408	0.705384	-1.41762	0.0504884	-1.9121	0.575381	0.887442	-1.12721	0.638853	0.904781	-1.10524	0.660594	0.770125	-1.29779	-1.17339	1.38751	1.38751	0.575316	0.887078	-1.1273	0.0341755	0.592623	-1.68704	1.50663	0.109029	0.838865	1
cg21651566	COL5A1		0.287285	0.206888	0.752621	-1.32869	0.963485	1.00982	1.00982	0.591564	0.890795	-1.12259	0.793317	1.00775	1.00775	0.154588	1.70285	1.70285	1.38834	0.363194	2.81127	-1.22081	0.0545171	1.59315	1.59315	0.99698	0.999168	-1.00083	0.200146	1.749059	1.33501	1.50662	1.08763	0.64169	1
cg23181361	SNX15;SAC3D1;SNX15		0.287295	0.309359	0.774108	-1.29183	0.470614	0.836415	-1.19558	0.122762	0.665658	-1.50227	0.173395	0.702893	-1.42269	0.729753	0.919062	-1.08807		0.136514	0.676779	-1.47759	0.0924349	1.56844	1.56844	0.946792	1.01638	1.01638	0.837821	1.05115	1.05115	1.50662	1.41342	0.833902	1
cg21705372	ECE2;ECE2;ECE2;ECE2		0.287297	0.914544	0.97383	-1.02673	0.504428	0.975105	-1.0317	0.573383	0.852305	-1.17317	0.738383	0.973543	-1.02705	0.881274	0.988353	-1.01189	0.883353	0.934111	1.04806	1.04806	-1.04617	0.9487459	0.758831	0.814284	-1.22821	0.461789	0.745428	-1.34151	1.50661	0.188869	2.1652	1
cg06981910	C7orf45		0.287301	0.18912	0.630566	-1.58588	0.836429	0.931766	-1.07093	0.608441	0.842585	-1.18682	0.549837	0.818268	-1.22209	0.0412464	0.458179	2.18255		0.085598	0.532668	-1.87734	0.947721	0.102197	0.345802	1.49536	1.49536	0.488387	0.791892	-1.2628	1.5066	2.62184	1.54688	1	
cg06468402	IDUA;SLC26A1;SLC26A1;SLC26A1		0.287301	0.820005	1.05007	1.05007	0.0867	0.823149	0.810103	0.0810103	0.894199	1.64243	0.245445	1.20728	0.894984	0.0429243	1.38353	1.38353	0.161561	0.850533	1.30804	1.30804	0.0414743	-1.26351	0.0688804	0.80799	-1.23794	0.470616	0.845079	1.24366	1.44462	1.50661	0.188869	2.1652	1
cg08498833	TG		0.287302	0.352978	0.574943	-1.7393	0.049311	0.27235	-3.67175	0.0822969	0.328022	-3.04858	0.915533	0.940409	-1.06337	0.294258	0.532958	-1.87759		0.330212	0.558849	-1.78939	0.170437	0.429371	-2.32899	0.0698881	0.309181	-3.23435	0.89025	0.923157	-1.08324	1.5066	8.00246	4.72144	1
cg04976484	TYRO3		0.287308	0.410776	0.833931	-1.19974	0.60969	1.00053	1.00053	0.9578	1.02073	1.02073	0.167573	0.93424	-1.07029	0.0339153	0.72719	-1.37569	0.161884	0.0553609	1.37928	1.37928	-1.62444	0.9015917	1.33063	1.33063	0.205953	0.549317	1.48178	1.50658	4.70428	2.82188	1
cg21840908	POR		0.287262	0.137932	0.441384	-2.2656	0.220948	0.517491	-1.5924	0.0754908	0.363111	-2.75398	0.685154	0.811654	-1.23205	0.0551249	0.328491	1.04422		0.462051	0.681606	-1.46712	0.0771517	0.365646	-2.73488	0.203199	0.502744	-1.98908	0.463832	0.686299	-1.45709	1.50673	0.25466	3.68992	1
cg14250937	C9orf86;C9orf86		0.287314	0.662701	0.844983	-1.18346	0.036854	2.53577	2.53577	0.178526	1.73074	1.73074	0.277922	0.648552	-1.5419	0.882138	0.946655	-1.05859		0.33105	0.680521	-1.46946	0.831033	1.08546	1.08546	0.305661	1.5024	1.5024	0.537673	1.27062	1.27062	1.50656	3.51431	2.07349	1
cg18695790	FAM135A;FAM135A;FAM135A		0.287316	0.944784	0.959582	1.04165	0.0376848	0.915142	1.09253	0.0916164	0.916422	1.09162	0.274873	-1.37956	0.180112	1.364	1.364	0.861362	0.989625	0.733645	1.03873	1.03873	-1.06505	0.0418991	1.22941	1.22941	0.0898004	-1.01112	0.472513	1.17274	1.17274	1.50654	1.16464	1.660961	1
cg00733838	SORCS2 HSD11B1L;HSD11B1L;HSD11B1L;HSD11		0.287232	0.1137	0.780983	-1.28044	0.231647	1.19745	1.19745	0.460933	1.11384	1.11384	0.532473	1.09507	1.09507	0.0842901	1.31562	1.31562		0.851456	0.973433	-1.02729	0.428935	1.12298	1.12298	0.43728	0.892421	-1.12055	0.302304	0.857713	1.16589	1.50654	0.492621	0.290444	1
cg02475871	B1L;HSD11B1L;HSD11B1L		0.287321	0.664336	0.820049	-1.21944	0.6694	1.21552	1.21552	0.692406	0.83471	-1.19802	0.0586219	0.378816	-2.63981	0.0305838	0.315212	-3.17247		0.341768	0.640753	-1.56066	0.818818	0.900992	-1.10989	0.441063	1.42901	1.42901	0.95064	0.972262	-1.02853	1.50654	0.49656	2.90677	1
cg02185476	SKI		0.287323	0.971701	0.983924	-1.01634	0.0366177	1.03291	1.03291	0.173753	1.93705	1.93705	0.659514	0.816636	-1.22454	0.278098	1.67409	1.67409		0.333032	1.57807	1.57807	0.140309	1.46901	1.46901	0.437661	0.696487	-1.43578	0.705653	0.498012	2.93839	1			1
cg20596348	PINK1		0.287326	0.705384	0.914286	-1.09324	0.476005	1.38482	1.38482	0.0999228	1.51329	1.51329	0.164152	1.0001	1.0001	0.136214	0.725105	0.934481	-1.07026	0.382651	1.19592	1.19592	0.0957998	1.44913	1.44913	0.402022	1.868309	1.86824	0.108124	0.57289	1			1
cg04981010	LOC100127888;SLCO4A1		0.287327	0.308376	0.66277	-1.50882	0.0318632	0.367683	-2.71973	0.330317	0.676009	-1.47927	0.753419	1.1301	1.1301	0.220346	0.604273	-1.65488		0.444506	0.738405	-1.35427	0.378665	0.703463	-1.42154	0.13711	0.533466	-1.87453	0.395817	0.402291	1.40291	1.55343	3.62419	1.81458	1
cg18116570	ECE1		0.287329	0.154559	0.523216	-1.91124	0.207237	0.568142	-1.76012	0.247797	0.598273	-1.67148	0.899276	0.947592	-1.05531	0.703246	0.716498	-1.39568		0.533708	1.30388	1.30388	0.340926	1.67402	1.67402	0.0497024	1.88027	1.88027	0.150651	1.83168	1.83168	1.50643	2.54403	?	1
cg00925156	LOC360030;LOC360030		0.287331	0.841392	1.057	1.057	0.176914	0.672274	-1.48749	0.0994288	0.601755	-1.66811	0.130267	1.57163	1.57163	0.170339	0.869813	1.14967		0.43606	0.802654	-1.24587	0.939217	1.02132	1.02132	0.919589	1.00139	1.00139	0.0829099	1.58789	1.58789	1.7011	1.50651	1.82619	1.07751	1
cg09752223	NOTCH3		0.287333	0.98495	0.993886	-1.00615	0.97051	0.988053	-1.01209	0.826803	1.07384	1.07384	0.905902	0.962284	-1.03919	0.0871993	0.337343	-2.96434		0.47558	1.266	1.266	0.638134	0.857264	-1.1665	0.667395	0.86888	-1.15091	0.872765	0.949229	-1.05349	1.50651	2.52189	1.488	1
cg08256260	KCTD13		0.287335	0.944994	0.963163	1.03796	0.0905145	1.1542	1.1542	0.0911518	1.08555	1.08555	0.216572	0.521853	1.88232	1.91	1.364	0.861362	0.989625	0.733645	1.03873	1.03873	-1.06505	0.0418991	1.22941	1.22941	0.0898004	-1.01112	0.472513	1.17274	1.17274	1.50654	1.16464	1.660961	1
cg25414165	C10orf11		0.287333	0.0716312	0.1167	-8.56895	0.432795	-0.425336	-2.35108	0.977995	0.970974	-1.02989	0.731045	0.212594	-4.7038	0.153339	0.195382	-5.11819		0.118495	0.163674	-6.1097	0.212501	0.246029	-4.06457	0.0685909	0.113379	-8.81994	0.190449	0.227484	-4.39591	1.5065	27.2112	16.0556	1
cg10188668	MAFG;MAFG		0.287337	0.385627	1.24539	1.24539	0.499091	1.18447	1.18447	0.958454	1.01294	1.01294	0.441917	0.824101	-1.21344	0.775204	1.0732	1.0732		0.893741	0.967564	-1.03352	0.0209981	0.50405	-1.98393	0.627999	1.12803	1.12803	0.236816	1.35773	1.35773	1.50649	1.45249	0.857029	1
cg17562299	MARK2;MARK2;MARK2;MARK2;MARK2		0.287347	0.0848549	2.19161	2.19161	0.0897643	2.15999	2.15999	0.166755	1.82902	1.82902	0.481937	1.34217	1.34217	0.0907815	2.15371	2.15371		0.313041	1.53674	1.53674	0.0591081	2.40485	2.40485	0.309525	1.5419	1.5419	0.502499	1.32342	1.32342	1.50645	4.04498	2.38676	1
cg26383936	RICTOR		0.287348	0.0852603	2.31481	2.31481	0.0964861	2.15129	2.15129	0.164152	1.75001	1.75001	0.488746	1.80737	1.80737	-1.23861	0.456376	1.54252	1.54252	0.0622407	2.26256	2.26256	0.0300024	2.42565	2.42565	0.0171729	2.72035	2.72035	0.0772385	2.77285	1.50645	2.72035	2.77285	1.36071	1
cg14755314	SHPK		0.287348	0.138899	5.042	5.042	0.763032	0.735578	-1.35948	0.712069	0.686265	-1.45736	0.386398	2.46394	2.46394	0.216282	3.749	3.749		0.345711	2.6812	2.6812	0.06335	8.33604	8.33604	0.0902852	6.65788	6.65788	0.134925	5.1386	5.1386	1.50645	24.6088	14.5206	1
cg14942918	ONECUT3		0.287349	0.620022	1.15178	1.15178	0.437845	0.878854	-1.12585	0.307574	0.748547	2.48047	0.402439	1.381388	1.381388	0.0893024	2.4488	2.4488	0.0853428	1.411492	?	?	?	0.0701586	1.38928	1.38928	0.0482405	1.58466	1.58466	0.75413	1.30716	1.50645	1.33716	0.875616	1
cg17579961	ZFPM1		0.287349	0.446211	0.917995	-1.08933	0.384918	0.906498	-1.10315	0.702765	1.04315	1.04315	0.99028	0.998624	-1.00138	0.249703	1.14175	1.14175		0.042447	1.2937	1.2

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Probeset ID	UCSC_REFGENE_NAME APLP2;APLP2;APLP2;APLP2;APLP2;APLP2	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 047)	p-value(105T vs. N)	Fold-Change(1 vs. 05T)	p-value(111T vs. N)	Fold-Change(1 vs. 11T)	p-value(112T vs. N)	Fold-Change(1 vs. 12T)	p-value(121T vs. N)	Fold-Change(1 vs. 21T)	p-value(347T vs. N)	p-value(347T vs. 47T)	p-value(353T vs. N)	Fold-Change(1 vs. 53T)	p-value(537T vs. N)	Fold-Change(1 vs. 37T)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25026329	2	0.287637	0.136261	0.733581	-1.36318	0.366352	1.19615	1.19615	0.126961	1.37517	1.37517	0.493638	0.874447	-1.14358	0.892057	0.696525	-1.4357		0.714919	0.93165	-1.07336	0.334327	1.21187	1.21187	0.65364	0.916522	-1.09108	0.700652	0.92816	-1.0774	1.55053		
cg26966013	DCP1B	0.287638	0.376755	1.36421	1.36421	0.147737	1.70198	1.70198	0.371322	1.36932	1.36932	0.94285	1.02485	1.02485	0.0805529	0.514966	-1.94188		0.106159	1.82979	1.82979	0.647587	0.854199	-1.17069	0.562575	1.22196	1.22196	0.325029	1.41621	1.41621	1.50553	2.7956	1.65057	1
cg30882234	GTF2IRD1;GTF2IRD1	0.287639	1.350486	1.93132	1.93132	0.0722746	1.253115	-3.95077	0.466993	0.608906	-1.66415	0.141338	2.950461	2.950461	0.759741	0.810507	-1.23938		0.982359	1.01526	1.01526	0.596767	0.693713	-1.44152	0.199331	2.503152	2.503152	0.26333	2.222622	2.222622	1.50553	11.1858	6.60431	1
cg02364276	ZNF317	0.287643	0.576323	1.1259	1.1259	0.513241	1.14944	1.14944	0.559864	1.13184	1.13184	0.542487	0.878531	-1.13826	0.959141	0.989296	-1.01082		0.765061	0.938986	-1.06498	0.0945919	1.47102	1.47102	0.759384	1.06648	1.06648	0.0309347	0.587304	-1.7027	1.50551	1.0521	0.621186	1
cg05631262	CDON CDL13A1;CDL13A1;CDL13A1;CDL13A1; CDL13A1;CDL13A1;CDL13A1;CDL13A1; CDL13A1;CDL13A1;CDL13A1	0.287647	0.0651348	0.734105	-1.3622	0.395074	0.878079	-1.13885	0.331965	0.862239	-1.16115	0.142312	1.26547	1.26547	0.450269	1.12169	1.12169		0.477229	0.807738	-1.11391	0.202962	0.818222	-1.22216	0.656257	1.06916	1.06916	0.642934	1.07218	1.07218	1.5055	0.531292	0.31369	1
cg03284055	CDL13A1;CDL13A1;CDL13A1	0.287653	0.291062	0.504382	-1.98263	0.863782	1.11323	0.862781	1.14142	1.11412	0.771714	1.1993	1.1993	0.493526	0.608568	-1.6432		0.984987	0.988315	-1.01182	0.63586	0.74233	-1.34701	0.0136062	0.73302	0.73302	0.79562	1.17658	1.17658	1.50548	9.30475	5.49385	1
cg27388680	VAV1	0.287658	0.314341	0.402211	-2.48626	0.389081	0.461808	-2.1654	0.71472	1.37897	1.37897	0.519714	0.564822	-1.77047	0.121904	0.230476	-4.33885		0.224403	0.327233	-3.05592	0.0328153	0.112419	-8.89533	0.0800339	0.182671	-5.47432	0.514963	0.561053	-1.78236	1.50547	18.2682	10.7863	1
cg24235267	KLHL25	0.287659	0.705829	1.00014	1.00014	0.9985	1.029581	1.0295	0.152362	0.685121	1.4596	0.652802	0.469311	1.11949	0.824856	1.056017	1.06259		0.918324	1.02562	1.02562	0.138388	1.48218	1.48218	0.0508837	0.596877	-1.73947	0.215644	0.725096	-1.37911	1.50546	1.4507	0.856554	1
cg12476754	TNS3	0.28766	0.339544	1.82555	1.82555	0.29871	2.28812	2.28812	0.870267	1.1078	1.1078	0.966122	1.02696	1.02696	0.573633	1.4278	1.4278		0.480167	1.5676	1.5676	0.0270284	5.15414	5.15414	0.048752	4.09494	4.09494	0.274328	2.03898	2.03898	1.50546	9.3542	5.52313	1
cg00409026	FAM166B;FAM166B	0.287661	0.806413	0.904493	-1.05793	0.754039	1.14447	1.14447	0.600555	0.796554	-1.25525	0.39128	1.45931	1.45931	0.159746	0.2815004	-3.55866		0.933393	1.03662	1.03662	0.157819	1.92322	1.92322	0.0136557	1.11135	1.11135	0.850661	0.922099	-1.08448	1.50546	4.41421	2.60964	1
cg18496212	MITF	0.287667	0.432291	0.707964	-1.4125	0.807519	1.11092	1.11092	0.300581	0.63563	-1.57324	0.031709	0.337833	-2.96004	0.441124	0.712832	-1.40286		0.353717	0.662856	-1.50862	0.491333	1.33151	1.33151	0.744699	1.13121	1.13121	0.0813802	0.434965	-2.29903	1.50543	4.42781	2.61443	1
cg07937901	SNORA29;TCP1;TCP1	0.287672	0.890694	0.903021	-1.10739	0.978244	1.02044	1.02044	0.680706	0.735673	-1.3593	0.193459	2.7756	2.7756	0.853474	0.871831	-1.14701		0.685063	1.35323	1.35323	0.225016	2.57388	2.57388	0.0370949	0.623933	0.6031613	6.4462	3.4662	1.50542	13.1226	7.74836	1
cg03374695	FAM84B	0.287681	0.992515	1.00244	1.00244	0.99206	1.452124	1.452124	0.450712	1.32436	1.32436	0.300395	1.48036	1.48036	0.133808	0.3990207	-2.50625		0.185177	0.595152	-1.68024	0.614229	1.08882	1.08882	0.469472	0.764112	-1.30868	0.0839966	0.201161	2.03161	1.50539	3.1602	1.88125	1
cg08332148	KIAA0913	0.287681	0.436061	1.30104	1.30104	0.140696	0.591656	-1.69017	0.231541	0.659941	-1.51528	0.0785346	1.91012	1.91012	0.302783	0.702205	-1.42409		0.903584	0.960659	-1.04095	0.305584	1.42098	1.42098	0.965355	0.985718	-1.01449	0.411413	0.757167	-1.32071	1.50539	2.61519	1.54419	1
cg02449987	GUCY1A2	0.287685	0.116882	1.4786	1.4786	0.543798	1.143131	1.143131	0.148548	1.42708	1.42708	0.424294	1.20596	1.20596	0.994423	1.00161	1.00161		0.914439	1.02586	1.02586	0.479081	1.17958	1.17958	0.997219	1.22013	1.22013	0.0161114	1.9656	1.9656	1.50535	1.2558	0.741536	1
cg29314225	SYNE1;SYNE1	0.287695	1.13012	1.8028	1.8028	0.660809	0.852543	-1.47256	0.532129	1.1256	1.1256	0.917775	1.61703	1.61703	0.291327	1.48394	1.48394		0.576206	1.22575	1.22575	0.197903	1.13871	1.13871	0.300335	0.679176	-1.47237	0.03552	2.41634	2.41634	1.50535	3.09789	1.82927	1
cg05119504	TMEM30C;TMEM30C	0.287696	0.0285617	0.546337	-1.83037	0.209715	0.73393	-1.36253	0.326063	0.788782	-1.26778	0.402452	1.22201	1.22201	0.751598	1.07714	1.07714		0.570813	0.874551	-1.14344	0.62513	1.12212	1.12212	0.215125	0.736887	-1.35706	0.33799	0.793642	-1.26001	1.50534	1.30539	0.770818	1
cg00747515	FADS3	0.287705	0.940474	1.02927	1.02927	0.861106	1.05141	-1.05141	0.670501	1.14089	1.14089	0.918926	1.02388	1.02388	0.515468	0.761581	1.31342		0.12591	1.66527	1.66527	0.0227371	0.439573	-2.29584	0.4697071	1.30084	1.30084	0.838336	0.899022	-1.06494	1.50532	2.26188	1.33534	1
cg05595943	RADIL	0.287713	0.339897	0.625147	-1.59962	0.0880791	0.406997	-2.45702	0.13808	0.466444	-2.14388	0.906484	0.945419	-1.05773	0.0769514	0.390887	-2.55829		0.520195	1.36522	1.36522	0.0877163	0.406493	-2.46007	0.167008	0.609961	-1.63945	0.485439	0.712808	-1.4029	1.50529	5.43805	3.21122	1
cg19444175	HAS1	0.287718	0.635236	0.936997	-1.0724	0.319413	0.431699	-2.31609	0.162792	0.813315	0.813315	0.300033	0.60214	0.60214	0.856208	0.77273	-1.29411		0.339827	0.246402	-4.0584	0.680528	0.555162	-1.80128	0.0239505	0.38988	0.38988	0.0325356	1.14248	1.14248	1.50527	48.1678	28.4439	1
cg21252372	EXTL1	0.287726	0.854176	1.03141	1.03141	0.209597	0.800704	-1.2489	0.4937	0.889741	-1.12392	0.530424	0.898869	-1.11273	0.796573	0.95751	-1.04438		0.651578	0.7094	0.7094	0.0172643	1.62828	1.62828	0.75897	0.949587	-1.05309	0.907603	1.01971	1.01971	1.50525	5.67348	0.397708	1
cg22789900	MIXL1	0.28773	0.860308	1.2356	1.2356	0.2244969	0.3166538	-27.3495	0.771198	0.704476	-1.4195	0.498382	1.28701	1.28701	7	7			0.657927	0.585304	-1.70851	0.111979	0.210725	-8.21522	0.924144	1.12116	1.12116	0.625588	0.553657	-1.80617	1.55278	30.8578	17.3885	1
cg26231582	C15orf23;C15orf23;C15orf23	0.287733	0.827018	1.04243	1.04243	0.0154568	1.581	1.581	0.0178043	0.837173	1.19239	0.0824372	0.985468	1.01477	0.543285	1.09974	1.09974		0.229496	1.823526	-1.21459	0.814229	1.98882	1.98882	0.0224922	0.979699	-1.02072	0.845355	0.996543	-1.00483	0.428132	1.15284	1.15284	1.50523	0.566665	0.334634	1
cg22748024	AANAT;AANAT	0.287739	0.568377	0.873512	-1.1448	0.585687	0.878883	-1.13781	0.231734	0.745126	-1.34205	0.360376	0.802073	-1.24677	0.0488035	0.58992	-1.69515		0.312468	0.782652	-1.27771	0.538659	1.15721	1.15721	0.607328	0.88552	-1.12928	0.0352358	0.562567	-1.77757	1.50521	1.31151	0.774505	1
cg09561125	NRCAM;NRCAM	0.287751	0.519389	1.93165	1.93165	0.8338123	5.3824	5.3824	0.569394	0.4779	1.4779	0.387562	1.82567	1.82567	0.993596	0.9944233	-1.00567		0.914439	1.02586	1.02586	0.479081	1.17958	1.17958	0.997219	1.22013	1.22013	0.0161114	1.9656	1.9656	1.50535	1.2558	0.741536	1
cg26504915	CARM1	0.287755	0.202421	0.630327	-1.58648	0.151954	1.69274	1.69274	0.1391	1.73627	1.73627	0.823177	1.01977	1.01977	0.810684	0.884197	-1.18769		0.162018	1.68666	1.68666	0.304965	1.43951	1.43951	0.798577	1.09165	1.09165	0.108165	1.82406	1.82406	1.50516	2.80349	1.65563	1
cg19826544	ADAM11	0.287756	0.654596	1.14592	1.14592	0.336747	1.34928	1.34928	0.312343	0.728979	-1.37178	0.0655016	0.535118	-1.86875	0.714624	1.11748	1.11748		0.621147	1.16263	1.16263	0.119042	1.66815	1.66815	0.352691	1.33544	1.33544	0.286102	1.39804	1.39804	1.50515	2.18086	1.28794	1
cg05180775	MAN2B2	0.287756	0.205116	0.713346	-1.40185	0.1329	0.512	-1.95312	0.0534884	0.34599	-2.89	0.104599	0.873827	-1.1442	0.0870501	0.4148089	-2.41023		0.127891	1.66527	1.66527	0.0227371	0.439573	-2.29584	0.4697071	1.05	1.05	0.544441	1.16765	1.16765	1.52181	0.808726	0.484726	1
cg06823651	EDN1;EDN1	0.28776	0.734891	1.08781	1.08781	0.792071	1.06762	1.06762	0.345782	0.786275	-1.27182	0.0700347	0.605557	-1.65137	0.957228	0.986806	-1.01337		0.062569	1.68032	1.68032	0.49144	0.842045	-1.18758	0.464715	0.83273	-1.20087	0.371894	1.25487	1.25487	1.50514	1.46187	0.863334	1
cg09163674	B3GLCT	0.287777	0.0180804	0.800014	1.25021	0.0139413	0.431699	-2.31609	0.162792	0.813315	0.813315	0.300033	0.60214	0.60214	0.856208	0.77273	-1.29411		0.339827	0.246402	-4.0584	0.680528	0.555162	-1.80128	0.0239505	0.38988	0.38988	0.0325356	1.14248	1.14248	1.50527	48.1678	28.4439	1
cg02100848	C3orf32	0.287764	0.346765	0.72744	-1.37468	0.414141	0.760188	-1.31546	0.125783	0.580351	-1.7231	0.672234	0.869556	-1.15001	0.0314203	0.436496	0.290097		0.170737	0.619334	-1.61464	0.116156	0.570748	-1.75209	0.730103	0.892484	-1.12047	0.119946	0.574595	-1.74036	1.50513	2.57158	1.51871	1
cg16624304	CHERS;CHERS;CHERS;CHERS	0.287768	0.553013	0.854958	-1.16965	0.0516833	0.560385	-1.7829	0.517196	0.842432	-1.18704	0.812203	0.939745	-1.06412	0.553233	1.16955	1.16955		0.772771	0.927189	-1.07853	0.332623	1.25225	1.25225	0.191507	0.508767	1.19128	1.19128	0.863442	1.04598	1.04598	0.981511	1.62524	0.959831	1
cg22084443	LOC154822	0.287769	0.591242	1.08782	1.08782	0.31413	0.436199	-2.29255	0.162792	0.813315	0.813315	0.300033	0.60214	0.60214	0.856208	0.77273	-1.29411		0.339827	0.246402	-4.0584	0.680528	0.555162	-1.80128	0.0239505	0.38988	0.38988	0.0325356	1.14248	1.14248	1.50527	48.1678	28.4439	1
cg17835386	VARS;VARS	0.287774	0.708621	1.10988	1.10988	0.190289	0.680324	-1.46989	0.157007	0.656839	-1.52244	0.182513	1.48123	1.48123	0.610736	0.867137	-1.15322		0.624745	1.14671	1.14671	0.0922787	0.597758	-1.67292	0.381856	1.28282	1.28282	0.503344	1.20756	1.20756	1.50509	1.83829	1.08567	1
cg16328007	HMG3	0.287783	0.0402551	1.23167	1.23167	0.0266826	0.32559	-3.07077	0.0134895	0.247889	-4.03317	0.0248766	0.212193	1.21193	0.0239744	0.0299706	-3.33783		0.326324	1.40086	1.40086	0.202609	0.785312	-1.27338	0.560704	0.888307	-1.12539	0.0873867	0.735717	-1.35917	1.50509	11.6233	6.86457	1
cg18005219	PTCHD1	0.287779	0.137004	0.255287	-3.91717	0.734811	-1.76478	-1.33617	0.863618	0.863685	-1.15783	0.142423	1.83455	1.83455	0.107477	0.618004	-1.61773		0.230324	1.34082	-2.92327	0.527524	0.579471	-1.72571	0.195449	1.21273	1.21273	0.937357	1.0693	1.0693	1.50508	17.3194	10.2287	1
cg25214684	AXIRN1;AXIRN1	0.287789	0.114686	0.694746	-1.43937	0.646752	0.906685	-1.10292	0.378835	1.21128	1.21128	0.0394253	0.603005	-1.65836	0.395431	0.831296	-1.20294		0.195987	0.748043	-1.33682	0.248757	0.774182	-1.29169	0.680119	1.09201	1.09201	0.964735	1.00943	1.00943	1.50505	1.07433	0.634503	1
cg28783187	AGAP3;AGAP3	0.287793	0.476151	1.03996	1.03996	0.0423789	1.577	1.577	0.0134895	0.247889	-4.03317	0.0248766	0.212193	1.21193	0.0239744	0.0299706	-3.33783		0.524863	1.64712	1.64712	0.150441	2.02819	2.02819	0.0204737	0.428484	0.428484	0.0233861	1.52506	1.52506	1.50503	0.5752	0.35552	1
cg18108237	ACAD10;BRAP;ACAD10;BRAP	0.287798	0.793813	0.938662	-1.06501	0.820727	1.05609	-1.05609	0.54562	1.15843	1.15843	0.916398	1.29356	1.29356	0.303106	1.2939	1.2939		0.834252	1.05167	1.05167	0.0204706	0.510947	-1.95715	0.435842	0.826005	-1.21065	0.663306	1.11096	1.11096	1.50502	1.37809	0.813921	1
cg26745222	TOX2;TOX2;TOX2	0.287799	0.0192706	0.709509	-1.40966	0.0154568	1.581	1.581	0.0178043	0.837173	1.19239	0.0824372	0.985468	1.01477	0.543285	1.09974	1.09974		0.660532	1.74	-1.21516	0.13494	0.774813	-1.28401	0.147142	0.525376	-1.90192	0.0798548	0.889316	1.12424	1.50503	0.566665	0.334634	1
cg15724773	ELOVL3 AARSD1;AARSD1;AARSD1;RUNDC1;AA	0.287802	0.267931	0.562233	-1.77862	0.274329	1.764	1.764	0.513578	1.39179	1.39179	0.0711211	0.365693	-2.73454	0.267691	0.562056	-1.77918		0.375291	1.5747	1.5747	0.550848	0.739973	-1.3514	0.736419	1.18362	1.18362	0.215136	1.91762	1.91762	1.50501	5.93514	3.50542	1
cg22501899	RSD1	0.287804	0.763768	1.35337	1.35337	0.901682	1.1321	1.1321	0.335092	2.71276	2.71276	0.868617	0.846872	-1.18082	0.947341	0.378851	-2.63956		?	?	?	0.0220312	0.062168	-4.06583	0.95861	0.98212	-1.01821	0.431214	2.24013	2.24013	1.50644	21.3754	14.1893	1
cg24598712	FBXL1	0.287806	0.139309	0.431348	-2.31831	0.079051	0.358161	-2.79204	0.0973468	0.382333	-2.61552	0.178575	0.469881	-2.1282	0.0750741	0.350794	-2.85068		0.354924	0.604755	-1.65356	0.987556	0.991792	-1.00828	0.235269	0.518198	-1.92977	0.194852	0.484477	-2.06408	1.505	6.65709	3.93185	1
cg04088560	UCHL3	0.287809	0.312706	0.804853	-1.24263	0.0910325	0.514005	-1.9409	0.0973468	0.382333	-2.61552	0.178575	0.469881	-2.1282	0.0750741	0.350794	-2.85068		0.69127	1.44661	1.44661	0.848773	1.03086	-1.03086	0.70874	1.24142	1.24142	0.0983498	0.603643	1.50505	1.50497	0.853063	0.559067	1
cg21961583	UBR3	0.287811	0.76957	0.957559	-1.04432	0.262303	1.18834	1.18834	0.422903	0.886167	-1.12846	0.795584	1.04028	1.04028	0.998003	1.00037	1.00037		0.737136	0.951482	-1.05099	0.0420686	0.707645	-1.41314	0.416601	1.1304	1.1304	0.113237	1.28978	1.28978	1.50498	0.519537	0.306855	1
cg20541912	CADM2;CADM2	0.287819	0.537854	0.910606	-1.09817	0.119701	0.776167	-1.28847	0.0973468	0.382333	-2.61552	0.178575	0.469881	-2.1282	0.0750741	0.350794	-2.85068		0.403037	1.46059	1.46059	0.173974	1.24718	1.24718	0.0955553	1.32705	1.32705	1.21793	0.3096163	1.50498	1.49461	1.32434	0.882154	1
cg13693141	MIR206	0.287826	0.167518	0.46819	-2.13588	0.0150525	0.214111	-4.67051	0.662	0.797	-1.25471	0.451143	0.672993	-1.4859	0.445377	0.669464	-1.49373		0.746791	1.81188	-1.25471	0.451143	0.538335	-1.85758	0.657755	1.23858	1.23858	1.50493	0.34178	0.74578	1	
cg21525314	DPY19L2P2;DPY19L2P2	0.287833	0.986263	0.990641	1.00437	0.973776	1.03777	1.03777	0.824581	0.97235	1.02844	0.937539	0.951067	-1.05164	0.866202	0.727853	-1.37407		0.272853	0.82554	-1.21161	0.597397	1.09942	1.09942	0.338231	0.894729	-1.01613	0.558905	1.14989	1.14989	1.50492	0.84778	0.562959	1
cg14657517	WT1;WT1	0.287832	0.382371	0.839115	-1.19173	0.292459	0.807467	-1.23844	0.053667	0.651147	-1.53575	0.711528	0.929853	-1.07544	0.0353479	0.618899	-1.61577		0.513825	0.878412	-1.13842	0.52835	1.13324	1.13324	0.686469	1.0827	1.0827	0.505426	0.876067	-1.14347	1.50491	0.91375	0.539715	1
cg05337755	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.287836	0.0641208	0.469083	-2.13182	0.868671	0.941567	-1.06206	0.162885	1.70608	1.70608	0.948915	0.976957	-1.02359	0.588938	0.460303	-2.17248		0.539311	0.797617	-1.25373	0.71136	1.1448	1.1448	0.432586	0.747221	-1.33829	0.51026	0.784268	-1.27507	1.5049	3.15523	1.86368	1
cg13514129	MACF1	0.287838	0.202077	0.641731	-1.55829	0.875043	0.949492	-1.05319	0.505972	1.24889	1.24889	0.0812256	0.529091	-1.89004	0.322879	0.714419	-1.39974		0.355071	1.36795	1.36795	0.189897	0.61302	-1.57973	0.18945	1.58054	1.58054	0.64426	0.858018	-1.16548	0.54809	2.58505	1.5269	1
cg05940731	ABCB9;ABCB9;ABCB9	0.287845	0.463526	1.07148	1.07148	0.232181	1.54	1.54	0.151874	0.81898	1.78619	0.178619	0.944272	-1.05918	0.0796447	0.3941	-2.53712		0.69127	1.44661	1.44661	0.848773	1.03086	-1.03086	0.70874	1.24142	1.24142	0.0983498	0.603643	1.50505	1.50497	0.853063	0.559067	1
cg23330842	PPP8;DPP8;DPP8;DPP8	0.287851	0.134875	1.18818	1.18818	0.17309	0.856348	-1.16775	0.437366	0.918745	-1.08844	0.854471	1.01983	1.01983	0.279342	1.12785	1.12785		0.945403	1.00735	1.00735	0.96261	0.994998	-1.00503	0.0511777	1.26181	1.26181	0.355115	1.10712	1.10712	1.50485	0.277226	0.161094	1
cg07606985	C3NX162	0.287854	0.0524734	0.932	1.07304	0.754354	0.40997	-2.43945	0.0973468	0.382333	-2.61552	0.178575	0.469881	-2.1282	0.0750741	0.350794	-2.85068		0.480414	1.05958	1.52615	0.0405509	0.602198	-1.66021	0.0204892	0.818318	1.09496	-2.53198	0.482202	0.536709	1.50484	0.58932	0.392296	1
cg14973360	ACAP2	0.287854	0.575676	0.914814	-1.09312	0.168585	1.25976	1.25976	0.203427	1.23537	1.23537	0.16521	1.26168	1.26168	0.94064	0.988343	1.01179		0.370948	1.15563	1.15563	0.0619861	0.718286	-1.3922	0.923623	1.01521	1.01521	0.851421	0.970909	-1.02996	1.50484	0.590828	0.348994	1
cg20156450	SLC16A9	0.287856	0.638338	0.878601	-1.13817	0.154497	0.659256	-1.51686	0.683989	0.895981	-1.11609	0.139206	0.647207	-1.5451	0.983328	1.07634	1.07634		0.253416	0.721749	-1.38552	0.0250536	0.48721	-2.05225	0.972986	0.778778	-1.28406	0.543492	1.18307	1.18307	1.50484	1.7812	1.05213	1
cg20990266	CLN3;CLN3	0.287859	0.0363898	0.775767	-1.28975	0.473585	0.6972	-1.43376	0.267657	0.852069	0.84279	-1.18657	0.852069	0.84279	-1.18657	0.715242	1.39874		0.164548	0.575221	-1.73848	0.0744259	0.387544	-2.58006	0.0398618	1.03133	1.03133	0.0718464	0.367544	-2.72076	1.50483	5.9205	3.49222	1
cg20529596	ARHGAP11B;ARHGAP11B	0.287859	7	7	7	0.735124	7.16272	7.16272	0.259446	1.68594	1.68594	0.127471	0.48107	-2.0787	0.272653	1.66017	1.66017		0.215209	0.560342	-1.78462	0.104184	0.454426	-2.20058	0.820599	0.90407	-1.10611	0.6529	0.817914	-1.22262	1.50627	4.18008	2.77513	1
cg21594343	C15orf51	0.287859	0.533379	0.769428	-1.29967	0.105604	0.974804	-1.02568	0.0270704	0.430446	-2.32317	0.388739	0.688278	-1.4539	0.0997564	0.644004	-1.55282		0.250602	0.614541	-1.62755	0.0412867	0.438657	-2.27989	0.0298463	0.508483	-1.96623	0.0147237	0.779121	-1.28363	1.50483	4.64317	2.84932	1
cg25353752	TPPP	0.287859	0.675957	0.909742	-1.09921	0.0443568	0.561885	-1.78049	0.0983287	0.999528	0.99528	-1.00047	0.511419	1.16168	0.852244	0.958011	-1.04285		0.254769	1.30679	1.30679	0.0323581	1.75738	1.75738	0.739035	1.07787	1.07787	0.908622	1.02617	1.02617	1.50482	1.20683	0.712868	1
cg26407811	PIKAG2	0.28787	0.433779	0.659046	-1.51734	0.443977	0.665537	-1.50292	0.236428	1.911	1.911	0.16542	1.26611	1.26611	0.0777645	0.359405	-2.78238		0.472141	0.682639	-1.4649	0.101194	0.39181	-2.55225	0.116436	0.410429	-2.43647	0.995229	1.00313	1.00313	1.50479	6.4949	3.83658	1
cg20424248	O2D1	0.287871	0.940351	1.02474	1.02474	0.768664	1.03985	-1.0395	0.854878	0.733332	-1.36364	0.424138	1.30899	1.30899	0.0653564	0.6855	-1.45864		0.168353	0.691599	-1.44646	0.168453	0.226224	0.4422	0.1492	0.656229	1.52352	0.58979	2.54588	2.54588	1.5048	2.5056	1.5056	1
cg12084011	BCAP29;BCAP29;BCAP29	0.287876	0.495164	2.49181	2.24918	0.465588	0.787787	-1.26338	0.373566	1.34098	1.34098	0.94699	0.998761

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 1127 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 1217 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg17628700	MDK;MDK;MDK	0.288165	0.19122	0.902373	-1.10835	2.23924	0.10581	1.09581	0.244593	0.9136	-1.09457	0.136311	0.887672	-1.12654	0.286162	0.521063	-1.0857	0.624486	1.03764	1.03764	0.097842	0.873875	1.14433	0.877387	1.01153	1.01153	0.245975	0.913863	1.09426	1.50386	0.131256	0.07758	1
cg24787823	UNC50	0.288167	0.423714	0.601502	-1.66251	0.656133	0.756687	-1.32155	0.139008	0.372273	-2.6862	0.0218724	0.180609	-5.53683	0.577958	0.704925	-1.41859	0.296952	0.510307	-1.9596	0.0911228	0.314202	-3.18267	0.280333	0.4975	-2.01005	0.223147	0.450975	-2.21742	1.50385	9.21861	5.4489	1
cg13319139	ST3GAL2	0.288168	0.162182	0.599365	-1.66843	0.321502	1.42091	1.42091	0.20797	1.57676	1.57676	0.496869	0.789304	-1.26694	0.0147295	2.32633	2.32633	0.943721	0.976075	-1.02451	0.993845	1.00265	1.00265	0.802485	1.08977	1.08977	0.491062	1.27113	1.27113	1.50384	2.80202	1.65622	1
cg20429954	GRM8;GRM8;GRM8	0.288174	0.380782	0.76791	-1.30224	0.560364	1.19734	1.19734	0.257852	1.43459	1.43459	0.317432	1.32379	1.32379	0.827827	1.06884	1.06884	0.165863	0.636592	-1.57065	0.138092	1.62701	1.62701	0.500135	0.81124	-1.23268	0.118119	0.595251	-1.67996	1.50382	2.22493	1.31513	1
cg08234953	ZNF500;ZNF500	0.288179	0.377168	1.25115	1.25115	0.620641	1.13129	1.13129	0.850926	1.04762	1.04762	0.993955	0.998120	-1.00187	0.215849	0.724655	-1.37997	0.763556	1.07745	1.07745	0.0160275	0.48225	-2.07275	0.856439	1.04579	1.04579	0.835408	1.05279	1.05279	1.50381	1.45603	0.860646	1
cg01220469	RNF26	0.288182	0.46281	0.780636	-1.28101	0.26505	0.680533	-1.46944	0.128477	0.5801691	-1.72364	0.4658448	0.781994	-1.27878	0.0536698	0.4838322	-2.06683	0.74013	1.11616	1.11616	0.251575	0.672402	-1.4872	0.121508	0.5733354	-1.74412	0.0782827	0.523015	-1.91199	1.5038	2.6493	1.54567	1
cg13432267	PACSIN1	0.288183	0.194192	0.729103	-1.37155	0.144279	1.43443	1.43443	0.609784	0.8883391	-1.1257	0.952767	0.986467	-1.01372	0.327397	0.792508	-1.26182	0.432938	1.2021	1.2021	0.0471164	1.6864	1.6864	0.999204	0.999771	-1.00023	0.6042414	1.12782	1.12782	1.5038	1.26013	0.744859	1
cg01620560	AK2;AK2	0.288183	0.225327	0.611253	-1.63598	0.618595	0.8400397	-1.19034	0.1481998	0.5529953	-1.80853	0.2926227	0.6643201	-1.51929	0.0953272	0.4990505	-2.00378	0.8526565	0.919257	-1.07382	0.6232954	0.932682	-2.83536	0.283605	0.6655	-1.50223	0.3494972	0.691457	-1.44622	1.5038	3.4951	2.06594	1
cg08537804	DSCAML1	0.288184	0.363045	1.22051	1.22051	0.109595	1.53689	1.53689	0.490582	1.16098	1.16098	0.90564	1.0256	1.0256	0.0584258	0.6698959	1.49285	0.823935	0.953612	-1.04865	0.24508	1.29586	1.29586	0.821661	1.03212	1.03212	0.304007	0.797144	1.25448	1.50379	1.08216	0.639662	1
cg23782758	ACOXL;ACOXL;ACOXL	0.288185	0.67747	0.807705	-1.11395	0.167863	1.46116	1.46116	0.4336	0.8137705	-1.22895	0.842651	0.9500115	-1.05261	0.306745	1.3139	1.3139	0.159009	1.47458	1.47458	0.124005	1.53672	1.53672	0.474803	0.8290013	-1.20625	0.182907	0.694447	-1.43999	1.50379	1.58539	0.937124	1
cg18014247	ABCB6	0.288191	0.330499	0.81775	-1.22331	0.194015	1.16505	1.16505	0.327575	0.7985118	-1.25233	0.729218	0.7985118	-1.27369	0.0122698	0.7851115	-1.27369	0.7851115	1.12351	1.12351	0.380316	0.7851115	1.12351	0.354822	0.8029247	-1.24539	0.257373	0.934221	-1.07035	1.14494	1.50377	1.10131	0.65099	1
cg21930399	ABCD3;ABCD3	0.288197	0.0697694	0.501962	-1.99218	0.796995	1.10351	1.10351	0.107007	1.95877	1.95877	0.796623	1.11875	1.11875	0.903202	1.44774	0.993817	1.002096	0.965155	2.20594	2.20594	0.968209	1.01534	1.01534	1.50375	1.47715	2.05539	1
cg06440065	C19orf12;C19orf12	0.2882	0.032425	2.554348	2.554348	0.443899	1.14136	1.14136	0.931329	0.9688203	-1.03303	0.581913	1.222482	1.222482	0.162432	1.75173	1.75173	0.556429	1.1494	1.1494	0.0395329	2.42454	2.42454	0.127654	1.14044	1.14044	0.0395329	2.4473	2.4473	1.50374	3.36511	1.88917	1
cg16116975	PRDC8	0.288201	0.0536923	0.545505	-1.83316	0.637014	1.14052	1.14052	0.417622	0.79522	-1.25751	0.0373167	0.5124447	-1.95142	0.786416	0.92762	-1.07803	0.3515501	0.76702	-1.30375	0.767125	1.08562	1.08562	0.831531	1.0607	1.0607	0.618041	1.14919	1.14919	1.50374	1.82246	1.07729	1
cg12706947	OPCML	0.288211	0.177177	0.502395	-1.99047	0.173247	0.498845	-2.00463	0.431738	0.6803185	-1.46976	0.868604	0.922599	-1.08389	0.640249	0.326266	-3.06499	0.0978432	0.418289	-2.39069	0.546294	0.746003	-1.34048	0.615061	1.37525	1.37525	0.194627	0.517643	-1.93183	1.50371	5.48526	3.24251	1
cg05696715	ABT1	0.288212	0.452302	0.737182	1.35695	0.922387	0.911234	-1.07384	0.153753	0.4848491	-2.06251	0.4788254	0.4848491	-2.06251	0.4788254	0.4848491	-2.06251	0.4848491	-2.06251	0.4788254	0.4848491	-2.06251	0.4788254	0.2157526	-1.38734	0.2586018	0.720727	-1.38734	0.2157526	-1.38734	0.2586018	0.720727	-1.38734	1.50369	2.48493

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Fold-Change(1-p-value(105T vs. 047T vs. N)	Fold-Change(1-p-value(105T vs. N)	Fold-Change(1-p-value(111T vs. 057T vs. N)	Fold-Change(1-p-value(111T vs. N)	Fold-Change(1-p-value(112T vs. 117T vs. N)	Fold-Change(1-p-value(112T vs. N)	Fold-Change(1-p-value(121T vs. 127T vs. N)	Fold-Change(1-p-value(121T vs. N)	Fold-Change(1-p-value(121T vs. 217T vs. N)	Fold-Change(1-p-value(347T vs. N)	Fold-Change(1-p-value(347T vs. 477T vs. N)	Fold-Change(1-p-value(353T vs. N)	Fold-Change(1-p-value(353T vs. 537T vs. N)	Fold-Change(1-p-value(537T vs. N)	Fold-Change(1-p-value(537T vs. 537T vs. N)	Fold-Change(1-p-value(563T vs. N)	Fold-Change(1-p-value(563T vs. 637T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg20676719	DIRC3		0.4614743	0.7434413	-1.34535	1.07062874	0.44977	-2.22336	0.0661827	0.4462622	2.25926	0.8878411	1.0574	1.0574	0.0672774	0.444414	-2.25016									
cg21662506	FBLL1		0.288657	0.727226	1.08103	1.083103	0.3737145	1.225559	1.225559	0.2929793	1.27485	1.27485	0.917	0.942857	-1.06061	0.104131	1.484486	1.484486								
cg04112889	ARL6IP1;ARL6IP1		0.288659	0.588219	0.858674	-1.16459	0.154777	0.654114	-1.52879	0.325745	1.32687	1.32687	0.206348	0.689685	-1.44994	0.0901452	0.594177	-1.683								
cg01887353	ZNF41;ZNF41		0.288660	0.130339	0.249737	-4.00421	0.135892	0.255485	-3.91431	0.798938	0.805142	-1.24202	0.279508	2.59778	0.118746	4.21185	4.21185		0.160495	0.279982	-3.57166	0.996515	1.00372	1.00372	0.76396	0.774343	-1.29142	0.936681	0.93476	-1.06079	1.50227	17.1547	10.1504	1
cg03954048	VWA3B		0.288673	0.32606	0.638731	-1.5656	0.0533072	0.378889	-2.6393	0.544321	-3.13165	0.412579	1.44824	1.44824	0.420633	0.695082	-1.43868		0.242857	0.582573	-1.71652	0.105015	0.456976	-2.1883	0.218438	0.56424	-1.7723	0.472303	1.38154	1.38154	1.50224	0.64998	2.75143	1
cg06221087	PBX1		0.288674	0.108158	0.29722	-3.36451	0.0472584	0.207757	-4.83132	0.0851436	0.267773	-3.73453	0.452143	0.588471	-1.68912	0.0830252	0.264861	-3.77557	0.407742	0.556445	-1.79712	0.221715	0.410335	-2.43288	0.385233	0.539984	-1.85191	0.736223	0.791334	1.263609	1.50224	11.4004	6.74569	1
cg04812249	CLDN2;CLDN2;CLDN2		0.28868	0.412378	1.7797	1.7797	0.857839	0.883978	-1.13125	0.979568	0.98254	-1.01777	0.127155	0.321529	-3.11014	0.0420273	0.199594	-5.01016	0.224517	2.40497	2.40497	0.765469	1.22846	1.22846	0.281424	0.463028	-2.15969	0.783585	0.827489	-1.20848	1.50222	11.2552	6.65988	1
cg05299793	KCNH5;KCNH5;KCNH5		0.288682	0.899899	1.01826	1.01826	0.6608323	0.939311	-1.06461	0.9514564	1.13081	1.13081	0.640106	0.95121	-1.06828	0.9736127	0.8743735	-1.14367	0.494273	0.905981	-1.10378	0.0930796	0.7681932	-1.30108	0.9999916	1.00003	1.00002	0.2677631	1.17847	1.17847	1.50221	0.4814422	0.284867	1
cg26637826	HBA2		0.288686	0.07087	0.5005	0.0708533	0.703516	-1.42143	0.1415	0.585548	1.7078	0.711378	1.13407	1.13407	0.457636	0.774103	2.19182		0.055418	0.479506	-2.08548	0.05117	1.19309	1.19309	0.4152	0.754334	-1.32567	0.213555	0.5443	0.8388	1.555	1.5022	2.72651	1.63335	1
cg00105512	SYCE1L		0.288688	0.07565	0.48753	-2.05116	0.765702	1.11469	1.11469	0.249367	0.642189	-1.55737	0.626277	0.836696	-1.19518	0.133446	0.555387	-1.80055	0.281912	0.666137	-1.50119	0.851443	0.934156	-1.07048	0.840036	1.07619	1.07619	0.0379966	0.417297	-2.39638	1.5022	3.14021	1.85815	1
cg08005657	HAS1		0.288689	0.656574	0.8066587	-1.24002	0.5609	0.6134	-1.63004	0.3144786	1.6969	2.10697	0.722488	1.38219	1.38219	0.0539204	0.723888		0.852789	0.914692	-1.09326	0.484839	0.711242	-1.40599	0.855092	1.24986	-1.27796	0.766	1.14533	1.14533	1.50219	5.482002	2.24386	1
cg07436694	METTL9;METTL9		0.288691	0.076538	0.221623	-4.51217	0.0582114	0.194533	-5.14051	0.0701779	0.212635	-4.7029	0.186915	0.340039	-2.91512	0.574891	0.648306	-1.54248	0.290247	0.431947	-2.3151	0.299155	0.43912	-2.27728	0.808415	1.20417	1.20417	0.382051	0.503777	-1.98503	1.50219	13.9161	8.23457	1
cg09441492	SMOC2;SMOC2		0.2887	0.63302	1.220104	1.220104	0.6987845	0.482315	-2.07153	0.1304257	0.535345	-1.86796	0.692598	1.36416	1.36416	0.769949	1.11871	1.11871	0.925385	0.985092	-1.01452	0.309536	0.850992	-1.1751	0.918427	0.988216	-1.01192	0.0247837	1.50686	1.50686	1.50218	0.5600664	0.313424	1
cg16203106	EEF1G		0.288712	0.905031	1.01624	1.01624	0.1514457	1.23045	1.23045	0.1301588	1.14852	1.14852	0.163176	0.818051	-1.22442	0.709878	1.05172	1.05172	0.57208	1.08008	1.08008	0.912342	1.01497	1.01497	0.663094	1.06093	1.06093	0.111403	1.26301	1.26301	1.50212	0.433131	0.256308	1
cg17705681	SLC25A29		0.288713	0.760291	1.08004	1.08004	0.638373	1.1265	1.1265	0.0224404	0.502505	-1.99003	0.953955	0.985576	-1.01463	0.339165	0.780435	-1.28134	0.491835	0.83887	-1.19206	0.524185	0.850061	-1.17638	0.760721	1.08005	1.08005	0.0852149	0.619499	-1.61421	1.50212	1.50636	0.891401	1
cg03773352	UTP11L		0.288715	0.870161	0.92591	1.025139	0.8209823	0.61359	-1.63009	0.349026	1.15942	1.15942	0.348757	1.15952	1.15952	0.117444	1.2981	1.2981	0.925385	0.985092	-1.01452	0.309536	0.850992	-1.1751	0.918427	0.988216	-1.01192	0.0247837	1.50686	1.50686	1.50211	0.5600664	0.313424	1
cg19285478	MACROD1		0.288715	0.269181	0.534054	-1.87247	0.684478	1.24944	1.24944	0.338925	1.71139	1.71139	0.528016	1.41695	1.41695	0.312101	0.571838	-1.74875	0.753452	0.842187	-1.18739	0.406279	0.629325	-1.589	0.027638	4.13484	4.13484	0.99162	1.00574	1.00574	1.50211	7.06872	4.18298	1
cg24508143	NINJ1		0.288718	0.662269	0.754787	-0.68519	0.492626	0.106595	-9.3567	0.0252602	0.649239	-1.54027	0.12502	0.328398	-3.04698	0.0157751	0.229663	-4.43183	0.732028	0.794138	-1.25923	0.161754	0.313715	-3.20806	0.152622	0.357962	-2.79159	0.576156	0.684738	-1.46041	1.5021	10.6979	6.33065	1
cg26942496	DIT3		0.28872	0.523362	0.935369	1.069231	0.973838	0.648358	-1.54238	0.123064	0.641456	-2.49118	0.132386	0.432512	-2.31264	0.0414124	0.180807	-5.53077	0.713435	1.29191	1.29191	0.240898	0.433062	-2.30914	0.178072	0.37098	-2.69556	0.182066	0.374006	-2.67375	1.50209	11.4705	6.78765	1
cg04872075	FBXO31;FBXO31		0.288734	0.023611	0.471049	-2.12292	0.391926	1.27673	1.27673	0.468056	1.22832	1.22832	0.170306	0.665808	-1.50193	0.972556	1.00963	1.00963	0.888277	0.961605	-1.03993	0.61025	1.15394	1.15394	0.485968	1.21797	1.21797	0.845326	0.940753	-1.05591	1.50205	1.8455	1.09214	1
cg24022357	SPHL2B;SPHL2B		0.288737	0.68368	1.08005	1.08005	0.6303964	0.774	0.774	0.757051	1.06007	1.06007	0.599911	0.90425	-1.10624	0.364587	0.707503	-1.41345	0.884458	1.12191	1.12191	0.748966	1.12191	1.12191	0.748966	1.12191	1.12191	0.748966

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg19331040	VARS2;VARS2;VARS2	0.289289	0.930438	0.982465	-1.01785	0.179882	1.93456	1.33456	0.775328	1.06021	1.06021	0.0749676	1.49455	1.49455	0.717842	1.0763	1.0763		0.103897	1.43376	1.43376	0.330995	0.816083	-1.22537	0.09204	1.45613	1.45613	0.953857	0.988343	-1.01179	1.50029	0.975553	0.577993	1
cg15383120	DUSP22	0.289293	0.037366	3.80666	0.631859	1.38223	1.38223	0.526963	1.53703	1.53703	0.264502	2.1814	2.1814	0.73695	1.25366	1.25366		0.05900287	0.239361	-1.4778	0.428051	1.71855	0.285366	2.10453	2.10453	0.962678	1.03188	1.03188	1.50028	10.6848	6.33053	1
cg13185536	CABC1	0.289293	0.11996	0.228619	-4.3741	0.95029	0.952137	-1.05027	0.724995	0.734198	-1.36203	0.27175	0.367576	-2.72053	0.0399103	0.125223	-7.98577		0.129171	0.238275	-4.19683	0.168086	0.2766336	-3.61486	0.754858	1.31522	1.31522	0.197724	0.30391	-3.29045	1.50028	18.1833	10.7733	1
cg13238934	CCDC109A	0.289293	0.840846	0.951369	-1.05112	0.362152	1.26142	1.26142	0.296099	1.3087	1.30817	0.670109	1.11175	1.11175	0.121959	0.659908	-1.51536		0.417586	1.22813	1.22813	0.0490427	1.7457	1.7457	0.7809021	0.933305	-1.07158	0.369342	0.795648	-1.25684	1.50028	1.4608	0.865495	1
cg15914766	MCF2L;MCF2L	0.289297	0.732298	1.2801	1.2801	0.0638527	4.47313	4.47313	0.0152306	8.52865	8.52865	0.798494	1.20199	1.20199	0.917557	0.846894	-1.18079		0.752378	1.25562	1.25562	0.59075	1.47865	0.781389	1.22148	1.22148	0.817382	1.18098	1.50027	12.289	7.28105	1
cg07224469	PCGF3	0.289305	0.36223	1.78976	1.78976	0.0187664	5.87057	5.87057	0.0616393	3.70023	3.70023	0.514898	5.5075	5.5075	0.327729	2.8737	2.8737		0.931668	0.94772	-1.05516	0.659227	1.31763	1.31763	0.537951	1.47347	1.47347	0.329704	1.86864	1.86864	1.50024	9.17931	5.4387	1
cg19452338	LOC150622	0.289311	0.283889	0.434543	-2.30127	0.0193807	0.120442	-8.30278	0.112139	0.273894	-3.65105	0.869662	0.884315	-1.13082	0.220074	0.380862	-2.62562		0.289328	0.438938	-2.27822	0.200824	0.3636979	-2.74968	0.507618	0.60458	-1.65404	0.878251	0.891578	-1.12161	1.50023	13.3167	7.8902	1
cg05851844	STRAP;STRAP	0.289313	0.4113	0.802076	-1.24676	0.556109	1.16917	1.16917	0.885533	1.647	1.647	0.561929	1.16643	1.16643	0.289997	0.746622	-1.33937		0.41577	0.803838	-1.24403	0.0662923	0.582233	-1.71752	0.581351	1.15651	1.15651	0.901223	0.967928	-1.03313	1.50022	6.1375	0.970232	1
cg10383028	NA1G;CACNA1G;CACNA1G;CACNA1G	0.289314	0.352021	0.575902	-1.73641	0.085744	2.98671	2.98671	0.0664004	3.27453	3.27453	0.970756	1.02135	1.02135	0.358332	0.580295	-1.72326		0.285741	0.527932	-1.89418	0.4847451	1.50542	1.50542	0.719357	0.812295	-1.23108	0.960487	1.02896	1.02896	1.50021	7.88742	4.67336	1
cg13521977	C4orf22	0.289317	0.227389	0.4247735	-2.35441	0.283679	0.47126	-2.12185	0.13373	0.335416	2.98138	0.365868	0.533936	-1.87338	0.0771422	0.2651811	3.77101		0.377935	0.545348	-1.84155	0.0434905	0.1632334	-6.12616	0.500281	0.629952	-1.58742	0.364538	0.532955	-1.87633	1.50021	10.8388	6.42209	1
cg06517701	PPP4C2A	0.289319	0.404404	1.43531	1.43531	0.740903	0.868874	-1.15092	0.758729	1.1394	1.1394	0.818763	1.1021	1.1021	0.0851209	2.23975	2.23975		0.335137	1.52352	1.52352	0.0525621	2.54366	2.54366	0.0748494	2.31738	2.31738	0.168036	1.86326	1.86326	1.5002	4.26317	2.52599	1
cg06756473	TMED6	0.28932	0.228562	0.730326	-1.36925	0.790736	0.16837	1.06837	0.29361	0.762676	-1.31117	0.360617	0.791583	-1.26329	0.90195	0.969814	-1.03113		0.949996	0.984524	-1.01572	0.0403268	1.800225	1.817405	0.785385	0.790469	-1.26507	1.5002	1.46941	0.870649	1
cg12781086	BMP6	0.289321	0.921993	1.763468	-1.30891	0.109844	0.957014	-1.0449	0.0900727	0.545936	-1.83172	0.294586	0.66794	-1.49737	0.090789	0.546817	-1.82876		0.90936	0.963775	-1.03759	0.355705	0.735068	-1.36042	0.438398	0.613612	-1.63012	1.36162	0.0740227	0.524634	1.50029	9.17931	5.4387	1
cg22740489	LOC440895;LOC440895	0.289323	0.134385	0.514687	-1.94293	0.183939	1.79135	1.79135	0.640874	0.824329	-1.21325	0.4813	0.744883	-1.34249	0.129049	0.509208	-1.96383		0.893099	1.05743	1.05743	0.213167	0.58308	-1.71503	0.349818	0.609034	-1.64195	0.110561	0.488966	-2.04513	1.50019	4.02359	2.38346	1
cg18665877	PYY	0.289323	0.344749	0.811556	-1.23222	0.154745	0.721247	-1.38649	0.0403239	0.601571	-1.66231	0.176542	0.754726	-1.36505	0.188171	0.741412	-1.34878		0.352585	1.2276	1.2276	0.992666	0.99803	-1.00197	0.43489	0.842871	-1.18642	0.316331	0.800697	-1.24891	1.50019	1.09378	0.648085	1
cg19915505	GPD1L	0.289325	0.426249	1.20493	1.20493	0.332606	1.25778	1.25778	0.931222	1.02001	1.02001	0.0618307	0.617177	-1.62028	0.271876	0.769161	-1.30012		0.349996	0.801915	-1.24702	0.991425	1.00247	1.00247	0.314062	1.26987	1.26987	0.181743	1.38442	1.38442	1.50018	1.25107	0.741287	1
cg26675934	NDUFB10	0.289325	0.519764	1.1247	1.1247	0.924369	1.01725	1.01725	0.0944013	0.717847	-1.39305	0.584154	1.10407	1.10407	0.712232	1.069	1.069		0.553377	1.11403	1.11403	0.035627	0.643743	-1.55341	0.362147	1.18376	1.18376	0.962335	0.991531	1.00854	1.50018	0.770646	0.456624	1
cg10394047	FTCD;FTCD	0.289329	0.47669	0.717633	-1.39347	0.473666	1.39676	1.39676	0.932035	1.04531	1.04531	0.169341	0.51102	-1.95687	0.0469214	0.352412	-2.83758		0.119814	0.461224	-2.16814	0.618884	1.25853	1.25853	?	?	0.508014	0.734971	-1.3606	1.5015	4.44443	2.96	1
cg01257621	ZNF500	0.289332	0.503896	1.60274	1.60274	0.0772976	0.58691	1.58691	0.252389	1.39278	1.39278	0.893624	1.00775	1.00775	0.875226	0.957428	-1.04446		0.06540323	0.56188	-1.77974	0.462403	1.2308	1.2308	0.646223	0.878946	-1.13656	0.76016	1.24358	1.07993	1
cg04363623	USP7	0.289343	0.624712	0.851811	-1.17397	0.0895668	0.543946	-1.83842	0.926022	1.03067	1.03067	0.932852	0.968979	-1.03201	0.155413	1.63977	1.63977		0.16341	1.62239	1.62239	0.0996777	1.79859	1.79859	0.607215	1.18375	1.18375	0.857476	0.943196	-1.06023	1.50012	2.51446	1.48993	1
cg20502215	TSPAN13	0.289347	0.460436	0.882501	-1.13314	0.174776	1.27133	1.27133	0.45507	1.13491	1.13491	0.702798	1.06584	1.06584	0.992111	1.00164	1.00164		0.977125	0.995242	-1.00478	0.379958	0.860879	-1.1616	0.0263124	0.645169	-1.54998	0.433487	0.87552	-1.14218	1.50011	0.6572727	0.389469	1
cg17535502	PGCP	0.289352	0.0738343	1.51487	1.51487	0.0966939	0.111335	1.61335	0.388074	0.80299	1.80299	0.154414	0.208972	2.08972	0.0225224	2.05	2.05		0.151658	1.64523	1.64523	0.668519	1.6934	1.6934	0.350986	1.51598	1.51598	0.717619	1.5591	1.5591	1.50008	35.5272	21.0518	1
cg03946186	NEK7	0.289353	0.19519	2.63933	2.63933	0.245166	2.36577	2.36577	0.835063	1.15915	1.15915	0.0562988	4.75929	4.75929	0.0453031	5.08656	5.08656		0.159432	2.901	2.901	0.83438	0.8621564	-1.15987	0.919828	1.07392	1.07392	0.709551	1.30346	1.30346	1.50009	11.921	7.06386	1
cg24642844	C7orf50;C7orf50;C7orf50	0.289363	0.203342	0.28963	3.56654	0.204058	0.910921	-1.02779	0.275585	2.23386	2.23386	0.274116	2.21858	2.21858	0.256286	0.435158	-2.29276		0.617513	1.42268	1.42268	0.0442564	1.594516	1.594516	0.0998128	1.58307	1.58307	0.0810649	1.69493	0.967297	1.50007	16.5493	9.62307	1
cg07724674	HSD11B2	0.289362	0.566114	1.0975	1.0975	0.0898655	0.740905	-1.3497	0.252005	0.825356	-1.2116	0.595895	0.917734	-1.08964	0.285214	0.836906	-1.19488		0.425503	0.87663	-1.13993	0.242588	1.24082	1.24082	0.457845	1.02926	1.02926	0.154043	1.27723	1.27723	1.50006	0.61123	0.362195	1
cg26938535	EIF1AY	0.289365	0.0376126	0.110217	-9.07299	0.874383	1.15565	1.15565	0.825288	0.816974	-1.22403	0.309933	2.61351	2.61351	0.300103	2.66913	2.66913		0.140701	0.234827	-4.25845	0.70991	0.7027361	-1.42301	0.342396	0.408843	-2.44592	0.462647	0.504787	-1.98104	1.50005	19.8617	11.7695	1
cg24092939	ADCY6	0.289366	0.785964	0.879377	-1.14158	0.399313	1.07165	1.07165	0.710264	0.916	-1.09807	0.39376	1.29376	1.29376	0.153802	0.737101	-1.35657		0.777532	0.872174	-1.14675	0.554307	0.7346644	-1.36127	0.284844	0.647954	-1.54309	0.0303196	0.676578	1.01438	1.50005	5.62249	3.33173	1
cg26754826	ADAMTS10	0.289371	0.112617	1.88044	1.88044	0.14718	1.76609	1.76609	0.47605	1.30534	1.30534	0.727403	0.879891	-1.1365	0.0602672	0.460792	-2.17018		0.419837	1.3517	1.3517	0.559189	1.24104	1.24104	0.421925	1.3498	1.3498	0.763842	1.1647	1.11647	1.50003	3.17616	1.88213	1
cg22816865	OZZ2	0.289373	0.0949611	1.97335	-1.20049	0.636552	1.21301	1.21301	0.399134	0.685134	-1.45936	?	?	0.0113672	0.512286	-1.92219	?		0.262603	0.792397	-1.3155	0.548782	1.15219	1.15219	0.576053	1.16705	1.16705	0.394965	0.851926	1.17496	1.50003	1.09761	0.731665	1
cg01790002	EVX1	0.289373	0.126006	13.4368	13.4368	0.851388	3.14222	3.14222	0.851085	0.744581	-1.34303	0.503911	0.34495	-2.89897	0.0344471	47.9831	47.9831		0.452006	0.300461	-3.32822	0.417587	0.272535	-3.66925	0.353123	0.47882	0.47882	0.455141	3.29962	3.29962	1.50003	58.5067	34.6699	1
cg07200871	ABI;ABI	0.289381	0.184192	1.57869	1.57869	0.0995789	1.7951	1.7951	0.922215	1.03216	1.03216	0.0420075	1.25725	1.25725	0.0963805	1.80712	1.80712		0.145721	1.65913	1.65913	0.0420075	2.13724	2.13724	0.084749	1.00621	1.00621	0.499489	1.24881	1.24881	1.5	2.49592	1.47906	1
cg18454120	RFTN1	0.289385	0.581917	1.14847	1.14847	0.751951	1.97654	1.97654	0.0264	0.506541	2.03955	0.0435	0.455003	2.19783	0.0188828	2.64057	2.64057		0.202024	1.4231	1.4231	0.449706	1.85384	1.85384	0.0254204	1.01265	1.01265	0.499	1.26043	1.26043	0.950962	0.987317	0.618488	1.50003	1.48158	0.95733	1
cg15093079	EPHA6	0.289391	0.516727	0.784158	-1.27525	0.490445	1.29572	1.29572	0.109371	0.524328	-1.9072	0.205654	0.6103	-1.63854	0.0947262	0.507011	-1.97234		0.139141	0.555028	-1.80171	0.76401	1.11779	1.11779	0.308613	1.47659	1.47659	0.993761	1.0029	1.0029	1.49997	3.24955	1.9257	1
cg22213622	ABCC9;ABCC9;ABCC9	0.289393	0.147533	2.09063	2.09063	0.0104004	0.94346	1.94346	0.0622828	0.808409	-1.23547	0.810345	0.850047	-1.17645	0.0930027	1.02085	1.02085		0.358094	1.7385	1.7385	0.163209	0.900141	-1.10937	0.808887	0.933883	-1.07112	0.598869	0.880255	-1.13624	1.2496	1.49996	0.604315	0.373945	1
cg15734911	MRAP2	0.289396	0.111648	0.792713	-1.26149	0.0422517	0.36485	1.36485	0.867026	1.02272	1.02272	0.598354	0.910039	1.10039	0.164244	0.939187	1.06475		0.743757	1.04496	1.04496	0.188411	0.829561	-1.20544	0.393938	0.889497	-1.12423	0.829777	0.971546	-1.02959	1.49996	0.42702	0.253056	1
cg12155165	VIM	0.289403	0.822078	1.03801	1.03801	0.127518	1.31385	1.31385	0.296742	0.835936	-1.19626	0.849459	0.969015	-1.03198	0.187338	1.26046	1.26046		0.898537	1.02136	1.02136	0.158579	0.779083	-1.28356	0.215304	1.24116	1.24116	0.17003	1.2739	1.2739	1.49993	0.6518811	0.386275	1
cg18460977	DSCR3	0.289407	0.523607	1.18286	1.18286	0.0170127	1.37693	1.37693	0.0642227	0.53677	-1.86377	0.0139	0.30004	-3.33254	0.0008004	3.33333	3.33333		0.473881	1.1431	1.1431	0.4886	0.88149	-1.13444	0.543424	1.11956	1.11956	0.410182	1.16725	1.16725	1.49992	0.8009065	0.474671	1
cg25275283	C6orf167;MIR548H3	0.289409	0.283011	0.763229	-1.31022	0.800997	1.06309	1.06309	0.0424104	0.522258	-1.91476	0.140341	0.680969	-1.46849	0.54708	0.862778	-1.15905		0.238476	1.21882	1.21882	0.524374	1.16914	1.16914	0.80543	0.941971	-1.0616	0.574661	0.871669	-1.14722	1.49992	1.39377	0.825984	1
cg16619286	UIP1	0.289411	0.748316	0.831096	-1.20323	0.398704	1.64304	1.64304	0.933466	0.94116	-1.06152	0.673622	0.721252	-1.38648	0.244319	0.695602	-1.43742		0.580206	1.31732	1.31732	0.0188313	0.193193	-5.17618	0.238407	0.298422	-2.04548	0.0825509	0.865873	-1.15497	1.49992	3.78422	2.44967	1
cg12427317	AI414;RAI14;RAI14;RAI14;RAI14	0.289413	0.816068	0.932262	-1.07306	0.245573	1.4463	1.4463	0.845008	0.942237	-1.06153	0.213121	0.673954	-1.48378	0.439109	1.26808	1.26808		0.152868	1.58544	1.58544	0.555915	1.07842	1.07842	0.810583	1.07492	1.07492	0.781868	1.01984	1.01984	1.08715	1.4999	2.1527	1.27577	1
cg08484845	APEH	0.289416	0.560188	0.904564	-1.1055	0.679379	0.887308	-1.12447	0.104108	0.807317	1.23911	0.659249	0.424458	2.35746	0.0990384	1.00077	1.00077		0.266499	0.821087	-1.2179	0.334318	0.6550764	1.52552	0.291763	1.24073	1.24073	0.163877	1.71138	1.17138	1.49989	0.6886924	0.408143	1
cg19977500	ARSG	0.289423	0.275452	0.772075	-1.29521	0.136323	0.693555	-1.44186	0.552292	0.871899	-1.14692	0.0745582	1.57288	1.57288	0.709191	0.918134	-1.08917		0.856673	1.04208	1.04208	0.24924	1.31596	1.31596	0.448294	1.19266	1.19266	0.30142	1.27648	1.27648	1.49987	1.23478	0.731782	1
cg20995061	UNC5D	0.289426	0.785964	0.879377	-1.14158	0.399313	1.07165	1.07165	0.710264	0.916	-1.09807	0.39376	1.29376	1.29376	0.153802	0.737101	-1.35657		0.777532	0.872174	-1.14675	0.554307	0.7346644	-1.36127	0.284844	0.647954	-1.54309	0.0303196	0.676578	1.01438	1.50005	5.62249	3.33173	1
cg08382235	TBX1;TBX1;TBX1	0.289431	0.152414	13.8143	13.8143	0.189169	10.8335	10.8335	0.373364	4.78421	4.78421	0.197871	10.2913	10.2913	0.109559	19.8531	19.8531		0.681802	2.02619	2.02619	0.784959	1.5976	1.5976	0.0454561	50.8987	50.8987	0.0831903	26.7206	26.7206	1.49985	69.6978	41.3067	1
cg07402881	C7orf10;C7orf11	0.289433	0.562777	0.774935	-1.29049	0.636552	1.21301	1.21301	0.399134	0.685134	-1.45936	?	?	0.0113672	0.512286	-1.92219	?		0.262603	0.792397	-1.3155	0.548782	1.15219	1.15219	0.576053	1.16705	1.16705	0.394965	0.851926	1.17496	1.50003	1.09761	0.731665	1
cg14317046	MAST3	0.289438	0.692292	1.14301	1.14301	0.268695	0.662228	-1.51005	0.199975	0.637442	-1.56877	0.659385	0.862845	-1.15896	0.7740097	0.908728	-1.10044		0.878235	0.950289	-1.05231	0.0631236	2.00407	2.00407	0.126336	1.73332	1.73332	0.497275	0.795171	-1.25759	1.49982	2.62744	1.55719	1
cg16121136	HNF4A;HNF4A;HNF4A	0.289444	0.615137	1.23473	1.23473	0.702553	1.17303	1.17303	0.0375831	0.366619	-2.72762	0.123165	2.00305	2.00305	0.860504	0.927672	-1.07797		0.670841	0.837095	-1.19461	0.210524	0.577639	-1.73119	0.885166	0.941661	-1.06195	0.362292	0.677408	-1.47622	1.4998	4.10968	2.43569	1
cg14947008	AHCTF1	0.289447	0.077807	1.44306	1.44306	0.0993539	0.111551	1.61551	0.389953	0.80435	1.80435	0.153802	0.208955	2.08955	0.0225224	2.05	2.05		0.151678	1.64538	1.64538	0.668519	1.6934	1.6934	0.350986	1.51598	1.51598	0.717619	1.5591	1.5591	1.49981	35.5272	21.0518	1
cg04901763	CAB39;CAB39;CAB39;CAB39	0.289454	0.22024	1.59012	1.59012	0.460011	1.31087	1.31087	0.234195	1.56636	1.56636	0.267861	1.51486	1.51486	0.805132	0.914892	1.09302		0.321701	1.691843	1.44541	0.354093	1.40927	1.40927	0.308756	1.46093	1.46093	0.0303001	2.5002	2.5002	1.49977	1.07574	1.82294	1
cg06439809	NA9A9	0.289458	0.140487	1.36089	1.36089	0.229359	1.24448	1.24448	0.277408	0.82215	-1.21632	0.269437	1.2207	1.2207	0.94286	1.18184	1.18184		0.779809	0.952564	-1.0498	0.801551	1.39851	1.39851	0.407542	1.15824	1.15824	0.169311	1.28904	1.28904	1.49976	0.7141491	0.423292	1
cg20574949	TMEM48;TMEM418;TMEM418;TMEM	0.28946	0.312942	0.644745	-1.551	0.355917	1.4908	1.4908	0.543688	1.29494	1.29494	0.682176	0.845021	-1.18903	0.163869	1.86773	1.86773		0.582591	0.791827	-1.2629	0.0395378	0.3674454	-2.7215	0.990399	1.00507	1.00507	0.412128	1.4228	1.4228	1.49975	4.20019	2.48941	1
cg02976355	NFIB	0.289463	0.477256	0.623134	-1.60439	0.60939	0.603802	-1.65632	0.0922864	2.27897	2.27897	0.565245	1.46639	1.46639	0.0233771	0.974552	-1.02664	0.1041	0.459344	-1.62511	0.192919	0.686246	-1.4572	0.581745	0.858966	1.16419	0.999595	0.8652333	-1.15576	0.307419	0.749227	-1.33471	1.49985	1.7737	1.05123	1
cg08784594	GDE1;CP110	0.289468	0.821138	0.922646	-1.08384	0.370938	0.721343	-1.3863	0.585125	0.820216	-1.21652	0.0993733	0.90068	1.90068	0.420785	0.746458	-1.33966		0.744719	0.89033	-1.12318	0.0381939	0.4256553	-2.34933	0.786759	1.1012	1.1012	0.434852	1.32748	1.32748	1.49973	3.00245	1.77955	1
cg19302833	ST6GAL2;ST6GAL2;ST6GAL2	0.289478	0.916423	1.12327	1.12327	0.624963	1.16371	1.16371	0.462202	1.27605	1.27605	0.274774	1.01063	1.01063	0.885697	1.03768	1.03768		0.648741	1.08236	1.08236	0.0511447	1.4189586	1.4189586	0.0275511	1.21972	1.21972	0.717394	1.04312	1.04312	1.49967	0.8899351	0.599311	1
cg12159992	MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.289484	0.50814	1.44833	1.44838	0.885214	2.904289	-1.10584	0.187708	0.37819	-2.64417	0.562461	0.66508	-1.50358	0.0326517	0.17532	5.70385		0.297022	2.12338	2.12338	0.284153	0.46074	-2.17042	0.421788	1.77098	1.77098	0.577512	0.675764	-1.47981	1.49968	11.5211	6.82881	1
cg25587617	SH3PXD2B	0.28949	0.162775	0.465454	-2.14844	0.522265	0.716876	-1.39494	0.88641	0.929266	-1.07612	0.158633	0.46145	-2.16708	0.119804	0.420533	-2.37794		0.103476	0.40093	-2.4942	0.155391	0.458275	-2.18209	0.054797	0.326953	-3.05855	0.202505	0.501286	-1.99487	1.49966	6.25661	3.70846	1
cg08061811	DKK1;TEAD2	0.289495	?	?	?	?	0.410985	-1.43318	0.602979	0.54878	-1.8224	0.647475	1.0339	1.0339	0.0796343	0.672354	1.21112		0.104914	2.49988	2.49988	0.166549	0.5966	-1.67639	0.559335	0.762827	-1.31091	0.255192	1.84011	1.84011	1.54659	5.432	3.13621	1
cg24335149	PLA2G5	0.289496	0.170903	1.69295	1.69295	0.151517	1.74171	1.74171	0.559523	1.23747	1.23747	0.305148	1.46729	1.46729	0.206485	1.61788	1.61788		0.335515	1.43131	1.43131	0.0153572	2.92783	2.92783	0.589822	1.21715	1.21715	0.468976	1.30477	1.30477	1.49964	3.09654	1.83543	1
cg09506319	C1orf86;LOC101228003;C1orf86	0.289498	0.12037	0.105848	-2.1199	0.681819	0.21104	-1.58313	0.0124	0.164272	1.62472	0.662536	0.0737348	2.35521	0.0568418	0.247238	-4.0185		0.252755	0.4454	-2.24504	0.0756678	0.2307338	-4.33394	0.0554828	0.249613	-4.00756	0.0742287	0.1510698	-6.62048	0.0742287	11.6447	6.2778	1
cg14814333	VGF	0.289501	0.258103	1.23431	1.23347	0.865095	0.13057	1.0307	0.0524025	0.675541	-1.4803	0.848185	1.03467	1.03467	0.0790098	1.41273	1.41273		0.445264	1.14839	1.14839	0.395693	0.8567014	-1.16727	0.916653	0.01879	1.01879	0.786835	1.04938	1.04938	1.49962	0.750937	0.445111	1
cg22874988	PHLDB2;PLCXD2	0.289501	0.850357	0.926224	-1.07965	0.573882	0.794086	-1.25931	0.162583	0.546113	-1.83112	0.750252	0.878461	-1.13836	0.0715222	0.441926	-2.26282		0.550463	0.782605	-1.27778	0.0677089	2.2944	2.2944	0.533923	1.29128	1.29128	0.641756	0.826856	-1.2094	1.4996	3.91065	2.31805	1
cg14435807	C1orf61	0.289514	0.46645	0.2069	-4.83371	0.0229945	0.153103	-6.52498	0.0573562	0.258708	-3.86536	0.802153	0.741885	-1.34805	0.0221564	4.51	4.51		0.149857	0.436474	-2.2917	0.0276561	0.3739993	-2.67355	0.0183458	0.0540207	0.1851088	-5.40262	0.0183458	0.0540207	0.1851088	-5.40262	0.0183458	10.945	5.93926	1
cg07281633	NCRNA00171	0.289519	0.701621	0.923746	-1.08255	0.358899	0.822643	-1.21559	0.424183	0.845207	-1.18334	0.234611	0.7736	-1.29266	0.212323	0.762866	-1.31085		0.33747	0.81568	-1.22599	0.0380366	0.3145634	-3.17945	0.0826115	0.43142	0.847511	-1.17992	1.49957	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 T4 047 vs. N)	Fold-Change(1050 T4 047 vs. N)	Ratio(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1211 vs. N)	Fold-Change(1211 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Ratio(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg05131449	N4BP2L1;N4BP2L1	0.289776	0.334564	1.08029	1.08029	0.08141397	1.15985	1.15985	0.368947	0.9308898	1.107423	0.250388	1.08769	1.08769	0.875586	1.01223	1.01223	0.279453	1.09117	1.09117	0.482865	0.947402	1.05552	0.888491	1.07099	1.07099	0.0610788	1.17797	1.17797	1.49876	0.1429397	0.084774	1
cg18116217	PITRM1	0.289779	0.173946	1.35995	1.35995	0.506461	1.15405	1.15405	0.0949399	1.47706	1.477006	0.789601	0.944741	-1.05849	0.865914	1.03657	1.03657	0.787184	1.0592	1.0592	0.0440416	0.611514	-1.63529	0.901348	1.02671	1.02671	0.758372	0.93652	-1.06778	1.49875	1.072441	0.63603	1
cg11844537	TCF4G1L	0.28978	0.722134	0.695369	-1.43808	0.08997986	6.704663	6.704663	0.0292116	0.0752137	-13.6587	0.915809	1.1136	1.1136	0.340189	2.71873	2.71873	0.743078	1.40129	1.40129	0.775211	1.33819	1.33819	0.928965	0.91327	-1.09497	0.86138	1.19463	1.19463	1.49874	24.5745	14.5749	1
cg17038527	TMS5F1;TMS5F1	0.289786	0.992269	1.00144	1.00144	0.348525	1.15347	1.15347	0.538758	1.09627	1.09627	0.620916	0.976634	1.07634	0.17908	1.23659	1.23659	0.244147	1.19825	1.19825	0.0933877	0.758741	-1.31797	0.8814463	1.33549	1.33549	0.331037	1.16015	1.16015	1.54498	0.5204571	0.262017	1
cg01132975	CPOX	0.289789	0.297227	1.40915	1.40915	0.567231	1.32833	-1.20144	0.449623	1.277	1.277	0.938524	1.04728	1.04728	0.943605	1.02271	1.02271	0.506722	0.807051	-1.23837	0.0173057	0.39848	-2.50954	0.414207	0.767275	-1.30331	0.486225	0.798873	-1.25176	1.49872	2.39094	1.41807	1
cg21882650	AP1B1;AP1B1;AP1B1	0.289791	0.0916242	0.56223	-1.77863	0.5393886	1.21245	1.21245	0.16527	1.58225	1.58225	0.450308	1.26931	1.26931	0.851177	0.9434455	-1.05996	0.478533	0.799825	-1.25027	0.3170721	0.725582	-1.37801	0.302078	1.74148	1.74148	0.992856	0.997228	-1.00278	1.49871	2.28136	1.35308	1
cg23684283	BAT5	0.289792	0.182443	1.46615	1.46615	0.0281328	2.01612	2.01612	0.613648	0.8713872	-1.1476	0.1913134	0.68907	-1.45123	0.8321494	1.05906	1.05906	0.414994	1.25272	1.25272	0.997494	0.9991551	-1.00085	0.674461	0.8920466	-1.12102	0.9504422	0.983326	-1.01696	1.49871	1.735572	1.02946	1
cg02932963	SDK1;SDK1	0.289793	0.845151	0.938493	-1.06554	0.0996768	1.79619	1.79619	0.0471157	2.00985	2.00985	0.759431	1.30486	1.30486	0.653218	1.15815	1.15815	0.6889	1.13957	1.13957	0.0601479	0.872393	-1.07293	0.860263	0.9496373	-1.05633	0.8178986	0.927856	-1.07775	1.4987	2.5016	1.48371	1
cg24149298	KCNG1	0.289804	0.168624	0.647375	-1.5447	0.0619907	0.564359	-1.46442	0.0715372	0.550729	-1.81578	0.090112	0.996333	-1.00368	0.669115	0.88036	-1.1359	0.365206	0.758968	-1.31758	0.242917	0.687934	-1.45363	0.0802767	0.5626207	-1.77734	0.1682	0.71268	-1.40367	1.49867	2.085666	1.23705	1
cg13255398	PLEKHA7	0.289805	0.845381	0.865549	-1.15534	0.01740011	0.117491	-8.51126	0.0753297	0.231126	-4.32477	0.876515	0.891367	-1.12187	0.2545005	0.414822	-2.41067	0.383131	0.514766	-1.94263	0.505086	0.606432	-1.64899	0.345486	0.4874651	-2.05143	0.375704	0.510514	-1.95881	1.49867	12.9815	7.69958	1
cg18015035	PHKA2	0.289813	0.206837	1.07099	-1.08403	-5.68624	1.07099	1.07099	-1.14712	0.8402497	1.07099	1.07099	1.30788	1.311995	0.97093	1.09767	1.09767	0.760754	1.42455	1.42455	0.0155056	0.573734	1.21883	1.218833	0.958156	1.07059	1.07059	1.070592	1.07059	1.0620768	1.183866	1.48964	41.9371	24.8742	1
cg11142389	ZIC4;ZIC1	0.289814	0.711047	-1.71962	-1.39458	0.7231	1.37436	1.37436	0.425647	0.4812886	0.425647	0.332866	0.40143	-2.4911	0.155557	0.2571038	-3.88942	0.388953	0.454222	-2.20157	0.0967908	0.196053	-5.10065	0.121299	0.4488326	0.443836	0.173369	0.273941	-3.65043	1.49864	16.2826	11.2473	1
cg04044471	HCC42;KIRTAP5-2;UC338651	0.289814	0.0833748	0.643405	-1.55737	0.345446	1.31217	1.31217	0.1983	0.7209221	-1.401	0.194461	0.745361	-1.34163	0.184821	0.740014	-1.35133	0.679528	0.939353	-1.06491	0.565747	1.13236	1.13236	0.414221	0.8370319	-1.19472	0.426765	1.189715	1.189715	1.48964	1.088068	0.645272	1
cg25940728	SLC5A8	0.289815	0.235445	0.754852	-1.32476	0.171263	0.719307	-1.39023	0.8404055	1.05783	1.05783	0.676336	0.909411	-1.09961	0.202271	1.35599	1.35599	0.100491	1.52022	1.52022	0.280673	0.779986	-1.28868	0.251822	0.7627997	-1.31096	0.8605541	0.961008	-1.04057	1.49863	1.21417	0.720164	1
cg14311495	FGD1;FGD3	0.289817	0.709777	0.921163	-1.08558	0.184988	1.3618	1.3618	0.158884	0.718365	-1.39205	0.4930061	1.56525	1.56525	0.786877	0.942695	-1.06079	0.878176	1.03427	1.03427	0.0746198	1.54691	1.54691	0.190863	0.7376677	-1.35561	0.455724	0.846299	-1.18162	1.49863	1.1453	0.679316	1
cg00972429	FAM189A2	0.289818	0.979301	1.093279	-1.00677	0.2091854	1.41943	1.41943	0.493204	1.19827	1.19827	0.270232	1.3477	1.3477	0.8880008	0.964353	-1.03656	0.571287	1.16594	1.16594	0.0706976	0.559324	-1.78807	0.1006017	1.59595	1.59595	0.255522	1.36144	1.36144	1.49862	1.600389	0.951147	1
cg18135853	GNPTG;C16orf42	0.289832	0.0414276	0.157776	-6.33812	0.8907995	1.11389	1.11389	0.839599	1.17248	1.17248	0.649146	1.49868	1.49868	0.805324	0.823753	-1.21396	0.0605948	0.189922	-5.26532	0.401371	1.96284	1.96284	0.459071	1.80743	1.80743	0.905079	0.910588	-1.09819	1.49858	14.6315	8.67874	1
cg05175517	RHOF	0.289834	0.66995	1.41713	1.41317	0.787957	1.26492	1.26492	0.176786	1.49603	1.49603	0.055376	1.5505548	-6.64238	0.8813254	1.08556	1.08556	0.569556	1.65044	1.65044	0.551167	0.595152	-1.69042	0.79566	1.25387	1.25387	0.738717	0.746307	-1.33885	1.49857	18.056	10.6981	1
cg04953292	CCDC79	0.289834	0.623241	0.88801	-1.12585	0.4538657	-2.60529	0.9207151	0.0538995	0.453867	-2.20529	0.9207151	0.2513108	1.0619084	1.02755	1.02755	1.02755	0.953464	1.01602	1.01602	0.8606802	1.05078	1.05078	0.561125	1.15138	1.15138	0.689369	1.10117	1.10117	1.49857	1.365661	0.8180021	1
cg01403030	FAM154A	0.289835	0.101145	0.311513	-3.21014	0.607153	0.713953	-1.40065	0.0925088	0.300336	-3.3296	0.396663	0.56898	-1.75753	0.0786422	0.281113	-3.55728	0.300189	0.497818	-2.00877	0.0895629	0.296394	-3.37389	0.65391	0.745874	-1.34071	0.0961447	0.305108	-3.27753	1.49857	10.0184	5.94249	1
cg16488059	LANCL1;ANCL1	0.289837	0.0760906	0.161008	-6.86861	0.3198561	0.10246	-9.07056	0.4650021	0.83888	-1.19207	0.8419986	0.238837	1.2983657	0.9129581	0.914951	-1.20291	0.150984	0.239708	-4.17374	0.168977	0.644976	-1.55041	0.802256	0.7907233	-1.26147	0.70304	1.42686	1.42686	1.49856	20.4434	12.1282	1
cg10331144	ATP6V1H;ATP6V1H;ATP6V1H	0.289838	0.51141	0.863543	-1.15802	0.663595	0.908096	-1.10121	0.122607	0.693746	-1.44061	0.642029	0.902013	-1.10863	0.508568	1.1592	1.1592	0.773923	0.938528	-1.0655	0.956344	1.00107	0.047216	0.223473	1.64709	1.64709	0.153521	0.714173	-1.40022	1.49856	1.15168	0.683129	1
cg06162422	HNRNPH2;HNRNPH2;GLA	0.289844	0.177009	1.05544	1.05544	0.0383257	1.12584	1.12584	0.0161841	1.13317	1.13317	0.784113	1.08105	1.08105	0.126441	1.16515	1.16515	?	?	?	?	?	?	?	?	?	?	?	?	1.49856	1.08047	0.072116	1
cg07976976	CDh11 - CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;	0.289846	0.852842	0.956957	-1.04498	0.1941139	0.722178	-1.3847	0.838713	1.04947	1.04947	0.218738	0.736025	-1.35865	0.275327	0.764221	1.30852	0.0626824	1.64262	1.64262	0.267214	1.31504	1.31504	0.590982	0.879376	-1.13717	0.4998303	1.17621	1.17621	1.49854	1.33238	0.790328	1
cg04738309	CSorf13	0.289846	0.632531	1.07904	1.07904	0.16319	1.26493	1.26493	0.118306	1.30705	1.30705	0.992942	1.0014	1.0014	0.743179	1.05324	1.05324	0.803115	0.961332	-1.04023	0.189461	0.802936	-1.24543	0.644448	0.929248	-1.07634	0.0561619	1.4071	1.4071	1.49853	0.591771	0.351022	1
cg15111573	WFS1;WFS1	0.289851	0.313001	0.877308	-1.13983	0.2618	1.87309	1.87309	0.163839	1.68809	1.68809	0.285292	1.905624	1.905624	0.0977432	1.51062	1.51062	0.757975	0.883329	-1.13208	0.1376702	0.561908	-1.77965	0.0947226	1.02692	1.02692	0.700394	0.856255	-1.16788	1.49852	3.82745	2.26798	1
cg05890154	PRKAG2	0.289852	0.252611	0.647725	-1.54387	0.837183	0.927945	-1.07765	0.0775437	0.490148	-2.0402	0.931177	1.03189	1.03189	0.0471204	1.43739	1.43739	0.288135	0.504479	-1.98224	0.621376	0.83449	-1.19834	0.389192	0.7256436	-1.3781	0.1560352	0.579798	-1.72474	1.49852	1.13471	1.85945	1
cg03958229	DCBLD1	0.289852	0.34986	1.21231	1.21231	0.425511	1.17811	1.17811	0.0596608	0.653636	-1.5299	0.210699	1.30194	1.30194	?	?	?	0.293831	1.2434	1.2434	0.525408	0.879202	-1.1374	0.409889	0.8448339	-1.18366	0.99586	0.998963	-1.00104	0.49981	0.845117	0.563484	1
cg15076368	KIRF1	0.289854	0.273484	1.30853	1.30853	0.4810008	1.02606	1.02606	-1.04226	0.4040788	1.02606	1.02606	1.26621	1.26621	0.7072604	0.8044473	1.24305	0.35062	1.07922	1.07922	0.7467066	0.313677	-1.18799	0.1301168	0.3956062	-2.52722	0.0646422	1.02547	1.02547	1.49849	7.63388	4.52812	1
cg03103549	CRNKL1	0.28986	0.868683	0.935688	-1.06873	0.806012	0.905894	-1.10388	0.0764863	2.20701	2.20701	0.920711	1.04081	1.04081	0.6442843	2.52704	2.52704	0.428414	1.38373	1.38373	0.0645556	2.30276	2.30276	0.822116	1.07228	1.07228	0.730584	1.1497	1.14897	1.49849	1.833017	2.27202	1
cg05723179	CREB3L2	0.289861	0.218816	1.08506	1.08506	0.1855574	1.34559	1.34559	0.0913552	1.14207	1.14207	0.808369	1.08975	1.08975	0.0728443	1.49277	1.49277	0.0756995	1.67284	1.67284	0.0049138	1.65525	1.65525	0.0119551	1.08748	1.08748	0.0427715	0.48272	-2.07161	1.49849	16.5295	9.80511	1
cg22573117	AFF3;AFF3	0.289861	0.647862	0.681287	-1.46781	0.232309	1.84445	1.84445	0.0634112	5.70915	5.70915	0.92365	1.08329	1.08329	0.0856452	0.2048848	4.88167	0.976737	1.02463	1.02463	0.310719	0.4167251	-2.39969	0.915437	0.09269	1.09269	0.465091	0.537706	-1.85975	1.49849	16.5295	9.80511	1
cg16581360	CARHSP1;CARHSP1;CARHSP1	0.28987	0.358862	1.22591	1.22591	0.0370127	0.592819	-1.68686	0.11522	0.690918	-1.44735	0.357504	0.815224	-1.22666	0.849219	1.04195	1.04195	0.597218	1.14202	1.14202	0.841752	1.0441	1.0441	0.568533	1.13249	1.13249	0.554913	1.13761	1.13761	1.49846	1.10613	0.65616	1
cg05141565	HLA-DQA1	0.289871	0.518837	0.779466	-1.28358	0.464757	0.752075	-1.32955	0.0536387	0.810054	1.2345	0.0513	1.06041	1.06041	0.260677	1.56714	1.56714	0.679883	0.853095	-1.1722	0.156164	1.78774	1.78774	0.928388	0.9666163	-1.03502	0.167139	0.568095	-1.75762	1.49846	3.48208	2.06452	1
cg09632416	ANO10	0.289873	0.84992	0.967933	-1.03313	0.93485	1.01417	1.01417	0.429869	1.14872	1.14872	0.556338	0.902692	-1.1078	0.843039	1.0347	1.0347	0.855952	1.03176	1.03176	0.0110488	0.577886	-1.73045	0.562436	1.10601	1.10601	0.729759	0.94208	-1.06148	1.49845	0.702547	0.416754	1
ch.16.SB9308R	KYLT1	0.28988	0.19038	1.532563	1.532563	0.2574189	1.1656	1.1656	0.0959832	0.428963	2.3312	0.0271365	0.30473	-3.28183	0.1668896	0.5131946	-1.95333	0.570002	1.07904	1.07904	0.7215	0.564686	-1.55008	0.3173702	1.02262	1.02262	0.84884	0.914319	-1.14319	0.14831	1.49845	0.184358	0.236807	1
cg14919535	AP1M1;AP1M1	0.289877	0.18184	2.4142	2.4142	0.0609931	1.87822	1.87822	0.148335	2.62288	2.62288	?	?	?	0.61337	0.728426	1.37282	0.675113	0.769384	-1.29974	0.683247	1.28511	1.28511	0.770849	0.833905	-1.19918	0.2949058	0.508503	0.96501	1.49973	2.1662	5.44513	1
cg08185074	HGS	0.289878	0.200161	1.61508	1.61508	0.345351	1.41096	1.41096	0.592818	0.82596	-1.21071	0.826658	1.08079	1.08079	0.733369	0.885926	-1.12876	0.508283	0.78842	-1.26836	0.0441295	0.26869	0.26869	0.081288	0.98289	1.98289	0.836867	0.92957	-1.07577	1.49844	2.97789	1.76652	1
cg08304387	CDK2AP1	0.289886	0.828043	0.917252	-1.09006	0.5703776	0.90473	-1.10546	0.0647704	0.778944	-1.2831	0.838974	1.12461	1.12461	0.2998254	1.20291	1.20291	0.636687	0.793862	-1.2596	0.1603	0.8289	-1.20629	0.2703	0.9062303	-1.10353	0.8234341	0.927773	-1.07844	1.49844	0.88985	0.560007	1
cg14919535	AP1M1;APM1	0.289887	0.18184	2.4142	2.4142	0.0609931	1.87822	1.71822	0.148335	2.62288	2.62288	?	?	?	0.61337	0.728426	1.37282	0.675113	0.769384	-1.29974	0.683247	1.28511	1.28511	0.770849	0.833905	-1.19918	0.2949058	0.508503	0.96501	1.49973	2.1662	5.44513	1
cg08185074	HGS	0.289878	0.200161	1.61508	1.61508	0.345351	1.41096	1.41096	0.592818	0.82596	-1.21071	0.826658	1.08079	1.08079	0.733369	0.885926	-1.12876	0.508283	0.78842	-1.26836	0.0441295	0.26869	0.26869	0.081288	0.98289	1.98289	0.836867	0.92957	-1.07577	1.49844	2.97789	1.76652	1
cg08304387	CDK2AP1	0.289886	0.828043	0.917252	-1.09006	0.5703776	0.90473	-1.10546	0.0647704	0.778944	-1.2831	0.838974	1.12461	1.12461	0.2998254	1.20291	1.20291	0.636687	0.793862	-1.2596	0.1603	0.8289	-1.20629	0.2703	0.9062303	-1.10353	0.8234341	0.927773	-1.07844	1.49844	0.88985	0.560007	1
cg05613225	CDX10	0.289888	0.566408	0.845792	-1.18232	0.164386	0.651341	-1.53529	0.042735	0.509634	-1.96219	0.641083	0.873125	-1.14531	0.329674	0.74774	-1.33736	0.795751	1.07784	1.07784	0.247755	0.706251	-1.41793	0.52533	1.2045	1.2045	0.229162	1.44004	1.44004	1.49842	1.98179	1.17565	1
cg13855141	ZAP70	0.289891	0.49313	1.03283	1.03283	0.0873257	1.25364	1.25364	0.0134202	1.56447	1.56447	0.0240152	1.76048	1.76048	0.0138025	1.3325	1.3325	0.208223	0.623488	-1.60455	0.0010567	0.442314	0.750948	-1.33189	0.618805	1.0444	1.0444	0.688313	1.15544	1.15544	1.49842	0.753014	0.388357	1
cg06312132	MED12L;P2RY14;P2RY14	0.289896	0.698234	1.23392	1.23392	0.509025	0.696684	-1.43537	0.934139	1.0456	1.0456	0.777322	1.1653	1.1653	0.155328	0.440264	-2.27137	0.276051	1.84284	1.84284	0.0443378	3.47689	3.47689	0.138848	2.36215	2.36215	0.904369	1.067	1.067	1.49838	6.90784	4.09796	1
cg17165055	SGPP1;SGPP1	0.289899	0.559245	0.640184	-1.51473	0.0727367	4.085328	4.085328	0.0176758	3.76604	4.76604	0.882803	1.50929	1.50929	0.518195	0.6309	-1.58504	0.848245	0.873972	-1.1441	0.6165736	1.06395	1.06395	-1.42591	0.7104788	1.1824	1.1824	0.247536	0.427362	-2.31994	1.49835	11.7192	6.96965	1
cg02023154	MAP3K5	0.289907	0.426097	0.886599	-1.12791	0.680446	1.06339	1.06339	0.705288	1.05801	1.05801	0.97015	1.00557	1.00557	0.267033	1.18721	1.18721	0.815509	1.03529	1.03529	0.0113628	1.60046	1.60046	0.957761	1.00789	1.00789	0.43951	1.12412	1.12412	1.49834	0.522625	0.310046	1
cg21344741	OD3	0.289901	0.705692	0.943379	-1.06002	0.911274	1.01727	1.01727	0.833186	0.968117	-1.03293	0.952161	1.00926	1.00926	0.215539	1.2241	1.2241	0.92975	1.01364	1.01364	0.0216998	0.654826	-1.52712	0.845281	1.03047	1.03047	0.200712	1.23075	1.23075	1.49833	0.560085	0.332272	1
cg21556191	LONRF1	0.289912	0.910719	0.947911	-1.05482	0.0217996	1.80771	1.80771	0.882265	1.03238	-1.03238	0.95477	1.1371	1.1371	0.378627	1.22441	1.22441	0.810244	1.05309	1.05309	0.174046	0.732835	-1.36456	0.487321	0.8059189	-1.16389	0.671547	0.912355	-1.09606	1.49833	1.09755	0.651124	1
cg04817154	HIST1H3J	0.289922	0.0431083	0.725265	-1.37881	0.472281	0.90401	-1.10618	0.0144162	0.814662	-1.2275	0.772158	0.960718	-1.04089	0.302953	0.863048	-1.15868	0.327001	1.1499	1.1499	0.487352	0.907194	-1.1023	0.709413	0.9496444	-1.05303	0.229275	1.19022	1.19022	1.49829	0.452106	0.263219	1
cg23281552	CREB5;CREB5;CREB5	0.289932	0.335524	0.484115	-2.06563	0.2526147	0.19998	-5.0005	0.0434086	0.183273	-5.45634	0.136582	0.309893	-3.22692	0.646614	0.713763	-1.40103	0.527498	0.626488	-1.59602	0.149274	0.323163	-3.09441	0.797612	0.8288852	-1.20649	0.934166	1.06221	1.06221	1.49826	12.6617	7.51194	1
cg11467637	CLU	0.289938	0.0865878	0.774466	-1.29108	0.0868	1.65861	1.65861	0.0108	1.57881	1.57881	0.0108	1.2786	1.2786	0.4140713	0.7897	-1.26643	0.8533	1.13773	1.13773	0.3446	0.2401	-4.16479	0.0108	0.1739967	-5.74867	0.0108	0.1739967	-5.74867	1.49826	2.12918	1.54426	0.538858	1
cg06293049	RARG	0.289943	0.240839	1.21428	1.21428	0.0104401	1.66493	1.66493	0.962547	1.00745	1.00745	0.518962	1.10891	1.10891	0.253334	1.2076	1.2076	0.860181	1.02827	1.02827	0.61237	1.08415	1.08415	0.672682	1.0695	1.0695	0.2794	1.1946	1.1946	1.49823	0.593248	0.35197	1
cg14186711	SUSD4;SUSD4	0.289946	0.32596	0.598332	-1.67133	0.216659	1.9316	1.9316	0.8711	1.08571	1.08571	0.399396	0.646046	-1.54748	0.0339807	0.2855525	-3.50232	0.639799	0.78659	-1.26959	0.1790614	0.485333	-2.06044	0.0977081	0.9615154	-1.03826	0.227317	0.526206	-1.9004	1.49823	6.0853	3.63037	1
cg26829418	SLC9A2	0.289946	0.202038	0.48615	-2.05698	0.0519496	0.306059	-3.26734	0.0889024	0.366177	-2.73095	0.610607	0.759603	-1.31648	0.866754	0.9140313	1.09048	0.491932	0.688168	-1.45313	0.357518	0.602517	-1.6597	0.074667	0.7484135	-1.33625	0.1482	0.5164	-1.93599	1.49822	2.8023	4.03578	1
cg22122680	EPI5;EPI5	0.289951	0.228238	1.25919	1.25919	0.112685	1.36982	1.36982	0.25884	1.23948	1.23948	0.666401	0.924005	-1.08225	0.616592	0.91211	-1.09636	0.192192	1.28604	1.28604	0.673156	0.925596	-1.08039	0.196302	0.779584	-1.28274	0.290877	0.81894	-1.22109	1.49821	0.788027	0.467539	1
cg03399924	ARHGEF4;ARHGEF4	0.289958	0.180108	1.56318	1.56318	0.3874301	1.01486	1.01486	0.868383	1.06351	1.06351	0.523498	0.816688	-1.22452	0.2242317	0.8183	-1.22211	0.859169	1.16572	1.16572	0.0779455	1.79651	1.79651	0.244607	1.46402	1.46402	0.865822	0.948412	-1.05409	1.49818	2.125756	1.33097	1
cg15599252	C12orf68;C12orf68	0.289958	0.605308	0.810458	-1.23387	0.312558	1.52365	1.52365	0.193052	1.74244	1.74244	0.303623	0.650824	-1.53651	0.143572	1.8843	1.8843	0.479912	1.33576	1.33576	0.133867	0.523148	-1.91151	0.194402	1.73918	1.73918	0.703139	1.1669	1.1669	1.49818	3.85603	2.28783	1
cg10001487	OBSL1	0.289963	0.153921	1.33252	1.33252	0.0902998	1.21562	1.21562	0.721638	1.38574	1.38574	0.825199	1.01062	1.01062	0.721638	1.38574	1.38574	0.959282	1.04245	1.04245	0.88657	1.02719	1.02719	0.68598	1.2265	1.2265	0.778404	0.939311	-1.06475	0.832674	0.814743	0.215815	0.83966	1.49816	0.838586	0.472186	1
cg10887160	EXOC4	0.289969	0.26376	0.755779	-1.32314	0.522448	0.855724	-1.1686	0.457947	0.833877	-1.19922	0.357664	1.25529	1.25529	0.535061	1.16298	1.16298	0.366484	1.24982	1.24982	0.0381933	1.78146	1.78146	0.496927	1.18031	1.18031	0.357832	0.796696	-1.25518	1.49815	1.37078	0.813316	1
cg08152180	28TB25;28TB1;28TB1	0.289988	0.429981	0.887427	-1.12685	0.924786	0.986099	-1.0141	0.893807	1.02013	1.02013	0.763271	1.0458	1.0458	0.788899	0.960998	-1.04058	0.0553975	0.724768	-1.37975	0.567817	1.08937	1.08937	0.0724641	1.34294	1.34294	0.227644	1.20653	1.20653	1.49811	0.521446	0.309394	1
cg02004645	MMP15	0.289992	0.057102	0.659446	-1.51658	0.0108	1.66099	1.66099	0.275559	1.83693	1.83693	0.19477	0.615553	1.24851	2.10758	0.0108	1.24851	0.807287	0.71583	-1.39743	0.166151	1.2368	1.2368	0.0243445	1.27522	1.27522	0.0243445	1.80199	0.6149498	1.2885	1.2885	1.49

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg15121808	ITGB8	0.290292	0.147294	0.492653	-0.02981	0.746312	0.282634	-1.15924	0.393794	1.48835	0.148272	0.518052	-1.56912	0.3138239	0.123638	-3.08987	0.215705	0.552552	-1.80978	0.261055	0.586472	-1.01651	0.973127	-1.14861	1.49713	4.914446	2.91786	1
cg13303328	DIP2C	0.290299	0.137308	0.705841	-1.41675	0.927446	1.02002	1.02002	0.174946	0.730487	-1.36895	0.950132	1.01371	1.01371	0.340705	0.807569	-1.23828	0.02921282	0.571625	-1.7494	0.497687	0.860826	-1.11618	0.0956059	0.67133	-1.48958	0.434841	0.840764	-1.18939	1.49711	1.12349	0.667061	1
cg26533193	DIP2C	0.290301	0.234657	0.622555	-1.60628	0.22488	1.62412	1.62412	0.894125	0.950605	-1.05196	0.436185	1.35285	1.35285	0.0493764	0.42602	-2.34731	0.5426237	1.26422	1.26422	0.140794	0.547333	-1.82704	0.823123	0.918353	-1.08891	0.966163	1.01627	1.01627	1.4971	3.43175	2.03756	1
cg18548165	PXDN	0.290318	0.238535	1.41313	1.41313	0.798201	0.930617	-1.07454	0.288353	1.36178	1.36178	0.878907	1.04364	1.04364	0.427609	1.25467	1.25467	1.25467	0.0394018	1.94925	1.94925	0.0411167	1.93514	1.93514	0.316472	0.9710358	1.022025	1.022025	1.49705	1.86083	1.10489	1
cg05374428	LOC100132707;LOC100132707;PAXIP1	0.290319	0.754786	0.842112	-1.18748	0.262218	1.89864	1.89864	0.836917	0.893118	-1.11967	0.634896	0.769246	-1.29997	0.0131537	0.185233	-5.3986	0.95139	0.967118	-1.034	0.8028851	1.14705	1.724426	1.21425	1.21425	0.468308	0.667183	-1.49884	1.49704	7.13136	4.23433	1
cg15371332	MYOF;MYOF	0.290323	0.083642	0.515037	-1.94161	0.626792	0.843821	-1.18509	0.0651598	0.487955	-2.04937	0.385017	0.734439	-1.36158	0.0329602	0.421334	-2.37342	0.77671	0.906161	-1.10356	0.292462	0.684886	-1.4601	0.367592	0.725613	-1.37814	0.34759	0.715227	-1.39816	1.49703	2.84747	1.69073	1
cg00147009	KIR1	0.290324	0.386294	0.873628	-1.14645	0.0704167	1.36017	1.36017	0.126444	1.28595	1.28595	0.447439	1.125	1.125	0.213775	1.220195	1.220195	1.220195	0.605074	0.923712	-1.08259	0.479601	0.896644	-1.11552	0.362753	1.194017	1.194017	0.279647	1.18646	1.18646	1.49703	0.548653	0.325773	1
cg08462108	SHANK2	0.290325	0.38648	1.4858	0.42161	1.44215	1.44215	0.855699	0.922017	-1.08458	0.819691	1.1072	1.1072	0.472609	1.38519	1.38519	0.3557739	1.5276	1.5276	0.0176727	0.623223	0.741093	1.15938	1.15938	0.854632	1.08524	1.08524	0.473644	2.80059	1
cg26875384	FAM107B	0.290329	0.12146	0.269157	-3.71531	0.495439	0.582122	-1.71785	0.358087	0.477709	-2.09333	0.428362	0.531504	-1.88145	0.0493292	0.173133	-5.7759	0.1974	0.344682	-2.90123	0.224858	0.36916	-2.70885	0.0547468	0.182116	-5.49101	0.164579	0.313769	-3.18705	1.49702	14.4875	8.60232	1
cg14468416	CSTB	0.290331	0.973735	0.990159	-1.00985	0.940255	1.054351	1.054351	0.230341	1.44911	1.44911	0.589022	1.38012	1.38012	0.216546	1.670589	-1.47778	0.755485	1.10721	1.10721	0.232263	1.25889	1.40157	1.25889	1.25889	0.40157	1.329416	1.329416	0.466865	1.24904	1.24904	1.49701	2.3188	1.26997	1
cg17587997	FYN	0.290333	0.182181	0.378316	-2.6433	0.0783316	0.261178	-3.8288	0.520783	0.63965	-1.56335	0.638094	1.38436	1.38436	0.722001	0.782512	-1.27794	0.1217299	0.316197	-3.16259	0.905243	0.9215	-1.08519	0.214825	0.24507	-4.25075	0.353418	1.92605	1.92605	1.497	11.1734	6.63453	1
cg01004320	MAP7	0.290334	0.272938	1.33212	1.36232	0.180733	1.49079	1.49079	0.31884	1.3222	1.3222	0.28467	1.35124	1.35124	0.477827	1.251598	1.251598	1.251598	0.3477524	1.28347	1.28347	0.2425184	1.28334	1.28334	0.224524	1.41302	1.41302	0.130883	1.55584	1.55584	1.4971	1.74096	1.03375	1
cg04067009	GAK	0.290335	0.521418	0.740437	-1.35055	0.0289753	1.28869	1.28869	0.0657803	2.5979	2.5979	0.308541	1.628	1.628	0.550599	1.32213	1.32213	1.32213	0.261267	1.71902	1.71902	0.0508898	1.36324	1.36324	0.661579	1.22491	1.22491	0.931611	0.962206	-1.03928	1.497	5.06968	3.01029	1
cg22100956	SPSB1;SPSB1 WDR20;WDR20;HSP90AA1;WDR20;WD	0.290335	0.15728	1.31918	1.31918	0.395923	0.852799	-1.17261	0.720219	1.06809	1.06809	0.908262	1.02134	1.02134	0.97881	1.10488	1.10488	1.10488	0.442554	1.866404	-1.1542	0.192817	0.776905	-1.28716	0.0398438	1.54526	1.54526	0.630403	1.09286	1.09286	0.795343	0.472261	1
cg04281268	R20;WDR20	0.290338	0.99885	1.00023	1.00023	0.399719	1.14514	1.14514	0.829669	0.966698	-1.03445	0.27978	0.838081	-1.1932	0.574797	1.0932	1.0932	1.0932	0.809475	1.0387	1.0387	0.403889	0.874348	-1.14371	0.0231228	1.5326	1.5326	0.241392	1.21263	1.21263	1.49699	0.58597	0.34794	1
cg09756225	GTF2RD1;GTF2IRD1	0.290339	0.441208	0.63946	-1.57063	0.362411	0.580335	1.72323	0.837945	0.887761	-1.12643	0.258552	0.920939	-1.08437	0.0322302	0.23286	-4.29442	0.287514	0.562582	-1.78	0.0023	0.111997	0.365654	-2.73483	0.0616985	0.294232	-3.39868	0.367789	0.584032	-1.71223	1.49698	8.02134	4.75763	1
cg04124703	MEF2C;MEF2C	0.290343	0.142889	0.493494	-3.17527	0.0161021	1.07957	1.07957	0.357155	0.499151	2.00334	0.108502	0.27677	-3.61311	0.350803	0.4943	-2.02306	0.342525	2.04939	2.04939	0.752637	0.792958	-1.2611	0.555138	1.5495	1.5495	0.057479	0.206716	-4.83756	1.49698	12.7639	7.57905	1
cg10708739	YPEL2	0.290343	0.879307	1.11594	1.11594	0.012461	0.43711	0.43711	0.45007	1.74299	1.74299	0.754587	0.7974419	-1.25405	0.705315	1.31556	1.31556	1.31556	0.908996	1.08605	1.08605	0.634192	0.700474	-1.41348	0.162726	2.9323	2.9323	0.702345	1.31942	1.31942	1.49697	12.3557	7.3367	1
cg25413795	BMP6	0.290345	0.22985	0.744996	-1.33422	0.0178152	0.555576	-1.8038	0.0731353	1.35184	1.35184	0.194	1.19184	1.19184	0.864282	0.961602	-1.04002	0.3150238	1.26844	1.26844	0.0846889	0.645242	-1.54609	0.992982	1.00201	1.00201	0.110393	1.48912	1.48912	1.49697	1.24192	0.737942	1
cg10083071	MTHFD1L	0.290348	0.484752	1.38522	1.38522	0.801757	0.890952	-1.12239	0.359332	1.54121	1.54121	0.646922	2.83912	2.83912	0.429114	0.900141	1.05563	1.05563	0.504756	1.36431	1.36431	0.0537166	2.73294	2.73294	0.0950111	2.32104	2.32104	0.273761	1.67897	1.67897	1.49695	4.99412	2.9655	1
cg05511333	RAB5B	0.290362	0.322388	1.44515	1.44515	0.108827	1.70303	1.70303	0.0618504	2.62605	2.62605	0.0523778	1.50154	1.50154	0.377166	1.564555	1.564555	1.564555	0.842753	1.62885	1.62885	0.0239072	1.22089	1.22089	0.83702	1.14137	1.14137	0.472913	1.28171	1.28171	1.49691	2.70498	1.62728	1
cg24793228	MEGF8	0.290362	0.911644	0.981022	-1.01935	0.689593	1.07176	1.07176	0.8741	0.973	-1.02775	0.563993	0.904225	-1.10592	0.0703555	0.705258	1.41792	0.1541092	1.30121	1.30121	0.077229	1.40369	1.40369	0.675384	0.929881	-1.07541	0.53446	1.897092	-1.11471	1.49691	0.706377	0.419458	1
cg22943329	TMEM179	0.290367	0.120133	0.654393	-1.52813	0.231123	0.729116	-1.37152	0.402081	2.1301	2.1301	0.83121	1.05515	1.05515	0.204324	0.723179	-1.38278	0.70508	0.908798	-1.10035	0.0335166	0.53544	-1.86762	0.79548	0.936757	-1.06751	0.274591	0.75133	-1.33097	1.49689	1.49967	0.890539	1
cg15211109	RAB3CL	0.290373	0.952955	1.04183	1.04183	0.762182	0.786182	-1.27197	0.565832	0.8937377	-1.1976	0.834855	1.0458272	1.04583	0.0508702	0.744989	1.34255	1.342552	0.117372	1.70925	1.70925	0.0035939	0.753627	1.16799	1.16799	0.0574451	0.659353	1.1578	1.1578	1.14287	0.890201	0.132828	1
cg24655395	IMPDH1;IMPDH1;IMPDH1;IMPDH1;IM	0.290377	0.0783414	1.72548	1.72548	0.863771	0.953226	-1.04907	0.763467	1.08783	1.08783	0.860603	0.952152	-1.05025	0.512094	0.830711	-1.20379	0.276989	1.3708	1.3708	0.0504133	0.536851	-1.86272	0.805231	0.933405	-1.07135	0.416505	1.26066	1.26066	1.49686	1.84465	1.09542	1
cg10809302	TNXB	0.290385	0.0565154	0.276191	-3.62069	0.204378	0.450145	-2.2215	0.262724	0.502203	-1.99123	0.657271	1.30489	1.30489	0.180648	0.428627	-2.33303	0.2677253	0.29535	-3.38581	0.241032	0.481215	-2.07807	0.1931137	0.440093	-2.27225	0.594002	0.726263	-1.37691	1.49684	8.4197	5	1
cg13797824	SGCE;PEG10;SGCE;PEG10;SGCE	0.290386	0.101313	1.4289	1.4289	0.353101	1.21025	1.21025	0.785174	0.947097	-1.05586	0.853053	0.963787	-1.03757	0.380014	1.19619	1.19619	1.19619	0.167687	1.33982	1.33982	0.0275109	1.67967	1.67967	0.714507	0.92952	-1.07582	0.845856	1.03948	1.03948	1.49684	0.938144	0.557113	1
cg24157598	NPY1R	0.290386	0.30317	1.3988	1.3988	0.841804	1.64183	1.64183	-1.1879	0.832153	0.832153	0.0887561	1.14241	1.14241	0.0816468	1.2026	1.2026	1.2026	0.1750228	1.32026	1.32026	0.468116	0.529236	-1.88951	0.0127733	1.113896	-8.77994	0.0134975	1.113896	-8.77994	0.0134975	1.49683	1.84895	1.22229	-4.49887	0.41584	0.488299	1.22457	0.814598

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3533 vs. N)	Fold-Change(3533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg07380013	AGT	0.200789	0.604312	0.778383	-1.36299	0.839703	1.12754	1.152754	0.502998	1.49612	1.49612	0.528369	1.46025	1.46025	0.384879	1.6956	1.6956	0.207901	0.4552	-2.19684	0.2238254	0.202186	4.94593	0.502569	1.49675	1.49675	0.934721	1.04975	1.49557	8.3209	4.94552	1
cg04515986	FTHL17	0.290795	0.08313306	0.270484	-3.69708	0.307104	0.486461	-2.05566	0.398061	0.55448	-1.80349	0.175573	0.374686	-2.6689	0.048196	0.21542	-6.64209	0.816878	0.853774	-1.17127	0.184957	0.383578	-2.66703	0.07643361	0.260974	-3.8318	0.363502	0.529146	-1.88984	1.49555	11.0026	6.53948	1
cg24830524	CDL6A3;CDL6A3;CDL6A3	0.290796	0.647018	1.20674	1.20674	0.151837	1.86973	1.86973	0.0609858	2.36482	2.36482	0.748294	0.877019	-1.14023	0.401593	0.704746	-1.41895	0.424558	1.39431	1.39431	0.56926	1.26422	1.26422	0.754363	0.879911	-1.13648	0.1270119	0.510336	-1.95949	1.49554	3.93501	2.3388	1
cg26207236	TF	0.290804	0.146883	4.17625	4.17625	0.368233	2.33628	2.336237	0.722225	1.38782	1.38782	0.250572	1.0312	3.0011	0.103982	1.17313	5.17313	0.350925	2.41455	2.41455	0.062412	6.85979	6.85979	0.106571	5.04259	5.04259	0.0833248	5.81325	5.81325	1.49552	19.9679	11.8683	1
cg21100052	CHN2;CHN2	0.290811	0.359278	0.855381	-1.16907	0.885095	0.976321	-1.02425	0.262989	0.824156	-1.21336	0.967492	0.991269	-1.00678	0.503949	1.11895	1.11895	0.385992	1.15868	1.15868	0.0214499	0.6326	-1.58078	0.912294	0.981906	-1.01843	0.431421	1.14233	1.14233	1.4955	0.650481	0.386631	1
cg05599151	TSPYL2	0.290814	0.22578	0.153394	-6.51917	0.961129	1.07447	1.07447	0.770804	1.53779	1.53779	0.173115	0.460938	0.460938	0.109668	0.13069	-7.65355	?	?	?	0.366439	0.254743	-3.92552	0.215339	0.146304	-6.83507	0.396309	0.277981	-3.59736	1.49671	45.7677	30.579	1
cg14254999	GPR55	0.290815	0.133878	0.6484	-1.54226	0.165404	1.48661	1.48661	0.251635	1.37845	1.37845	0.753018	0.918884	-1.08828	0.0913313	0.607553	-1.64595	0.599009	1.1528	1.1528	0.513425	0.837268	-1.19436	0.977788	1.00749	1.00749	0.36445	1.2837	1.2837	1.49549	1.70105	1.01107	1
cg14425628	ZNF783	0.290824	0.745819	0.947428	-1.05545	0.270533	1.14566	1.20644	0.231025	1.23142	1.23142	0.0626099	1.4161	1.4161	0.337561	1.1784	1.1784	0.887715	0.976815	-1.02373	0.353299	1.21964	1.21964	0.581507	0.991711	-1.00684	0.0562123	1.43218	1.43218	1.49548	0.652968	0.388112	1
cg20163033	FAM193A;FAM193A	0.290826	0.917475	0.929839	-1.07545	0.725753	2.77023	2.77023	0.487281	0.64897	-1.54092	0.157322	0.89038	-1.12348	0.0743248	0.617199	-1.62022	0.526838	1.56838	1.56838	0.140285	0.328394	-3.04512	0.556671	0.51778	-1.93178	0.246313	0.427009	-2.34387	1.49548	11.6675	6.93401	1
cg15174926	SCRIB;SCRIB	0.290817	0.717676	1.1385	1.1385	0.436941	0.753304	-1.32749	0.445994	1.31984	1.31984	0.520298	0.792315	-1.26212	0.417771	0.743936	-1.3442	0.01760	0.356398	-2.80585	0.302136	0.682585	-1.46502	0.616342	1.19777	1.19777	0.3690933	0.719262	-1.39031	1.49548	3.02248	1.79651	1
cg10605932	CDH1	0.290821	0.352881	1.56131	1.56131	0.642844	1.29116	1.291161	0.161008	1.80381	1.80381	0.347483	1.46401	1.46401	0.0089707	2.14254	2.14254	0.145804	1.45804	1.45804	0.108971	1.72505	1.72505	0.234556	1.47502	1.47502	0.298191	1.39987	1.39987	1.49544	2.3045	1.36979	1
cg07922619	PRDM16;PRDM16	0.290828	0.711514	0.89059	-1.12285	0.200361	1.5249	1.5249	0.0424508	2.07277	2.07277	0.640301	0.863467	-1.15812	0.282799	1.4164	1.4164	0.247574	1.45804	1.45804	0.108971	1.72505	1.72505	0.234556	1.47502	1.47502	0.298191	1.39987	1.39987	1.49544	2.3045	1.36979	1
cg18915421	BNC1	0.290838	0.53225	0.77386	-1.29167	0.637562	0.823081	-1.21455	0.586732	0.78659	-1.25257	0.099819	0.377169	-2.65134	0.463918	0.74854	-1.33595	0.524608	0.757551	-1.32025	0.113349	0.594829	-1.68143	0.115984	0.193437	0.193437	0.744106	1.14384	1.14384	1.49541	3.98711	2.36998	1
cg21040669	GPT	0.290845	0.388863	1.45295	1.45295	0.070619	2.35076	2.35076	0.0597822	2.45618	2.45618	0.219767	1.72617	1.72617	0.242505	0.596029	-1.67777	0.133882	1.52449	1.52449	0.3589	1.49049	1.49049	0.756821	1.14043	1.14043	0.817816	1.10254	1.10254	1.49539	4.23889	2.51967	1
cg22563182	11B1L	0.290845	0.83795	1.04	1.04	0.596603	1.10771	1.10771	0.776667	1.05597	1.05597	0.115992	1.38702	1.38702	0.140751	1.35449	1.35449	0.497001	1.14118	1.14118	0.0577695	0.663088	-1.5081	0.701941	1.07642	1.07642	0.43071	0.857251	-1.16652	1.49539	0.868583	0.516302	1
cg23193920	ATP1A;ATP1A	0.290846	0.995489	1.00295	1.00295	0.0299124	0.169884	0.169884	0.536034	0.0520286	0.222754	-4.40036	0.917162	0.975432	-1.02643	0.897662	1.11402	0.687015	0.757501	-1.32019	0.818257	0.8570231	-1.16683	0.855901	1.12915	1.12915	0.557093	1.48818	1.48818	1.49539	10.6422	6.32593	1
cg01290153	ZNF628	0.290836	0.19939	0.46703	-2.14119	0.5025544	1.46535	1.46535	0.518343	1.4444	1.4444	0.952264	1.05017	0.9525204	0.324593	-3.08078	0.161269	0.431673	-2.3167	0.0640059	0.310717	-3.21836	0.6422267	0.768983	-1.30042	0.676347	0.789985	-1.26585	1.49539	7.46761	4.4389	1
cg16465012	LRPAP1	0.29085	0.586058	0.729196	-1.37137	0.312385	1.82247	1.82247	0.100594	2.80951	2.80951	0.762658	1.19	1.19	0.0611366	0.29762	-3.35999	0.659973	0.775475	-1.28953	0.225696	0.481557	-2.0766	0.51356	0.683526	-1.463	0.60282	0.739696	-1.35191	1.49538	7.81236	4.64386	1
cg20494372	LOC100130093;LOC100130093	0.290835	0.607991	0.936334	-1.06811	0.203798	1.27555	1.27555	0.236029	1.1703	1.1703	0.280195	0.866498	-1.15342	0.167425	1.2638	1.2638	0.318885	0.872435	-1.1394	0.292963	0.516566	1.01656	0.516566	1.06758	1.06758	0.208713	1.18353	1.18353	1.49538	0.828881	0.227594	1
cg25938042	3PH3	0.290852	0.0918312	0.715779	-1.39357	0.500759	1.12824	1.12824	0.13131	1.33695	1.33695	0.820231	1.04092	1.04092	0.633609	0.918804	-1.08837	0.176799	1.29085	1.29085	0.629183	1.0896	1.0896	0.809959	1.04336	1.04336	0.112399	1.36137	1.36137	1.54135	0.741494	0.374164	1
cg15784814	C1	0.290854	0.151533	1.56094	1.56094	0.0441223	1.9546	1.9546	0.792268	1.07949	1.07949	0.957547	1.01555	1.01555	0.329994	1.33817	1.33817	0.0611465	1.84311	1.84311	0.199998	1.48041	1.48041	0.2500997	1.41664	1.41664	0.854466	0.948183	-1.05465	1.49536	1.98877	1.18218	1
cg14619806	CHTS1	0.290857	0.0809731	0.467042	-2.14114	0.4522001	0.404956	-2.4694	0.0640545	0.440932	-2.26792	0.534945	0.780951	-1.28049	0.324934	0.915851	-1.09188	0.39379	0.70145	-1.41015	0.192091	0.5208	-1.92031	0.0642059	0.61568	-1.57312	0.832081	0.919849	-1.08713	1.49535	3.66656	2.17953	1
cg07349594	FABP1	0.290864	0.918087	1.08922	1.08922	0.0288052	1.52603	1.52603	0.175591	1.35604	1.35604	0.814457	1.23071	1.23071	?	0.000443	2.25955	0.1972	0.5069	-1.97239	0.0170786	0.1744	-1.28721	0.707271	0.7156	-1.3956	0.325374	0.4623	-2.16323	0.1638	16.5058	8.40121	1
cg08157914	IQCE;IQCE	0.290866	0.582512	1.26952	1.26952	0.153565	1.92859	1.92859	0.307993	1.57393	1.57393	0.467581	0.727807	-1.37399	0.843284	0.918438	-1.0888	0.0820836	2.28885	2.28885	0.523036	1.32079	1.32079	0.0932283	0.452163	-2.21159	0.835273	1.09363	1.09363	1.49533	4.3757	2.60111	1
cg10581449	NUDT11	0.290871	0.199912	0.324872	-3.07814	0.374264	1.34574	1.34574	0.0824258	1.82862	1.82862	0.693219	1.0035	1.0035	0.969128	1.00139	-1.00139	0.149883	0.27755	-3.60206	0.401694	0.3233	-3.09331	0.106393	0.45151	-2.21473	0.940515	1.09393	1.09393	1.49531	16.3261	9.70858	1
cg06837981	NDST3	0.290872	0.617603	-1.36127	1.36127	0.0236602	2.52473	2.52473	0.954503	1.03558	1.03558	0.776561	0.840004	-1.19047	0.318416	0.531599	-1.88112	0.383842	0.578596	-1.72832	0.215091	1.1485	1.1485	0.180234	2.39161	2.39161	0.734519	0.811746	-1.23191	1.49531	5.89176	5.28573	1
cg04383124	ZRSR2	0.290872	0.554047	0.696552	-1.43564	0.0824947	3.19621	3.19621	0.119535	2.77468	2.77468	0.776986	1.18716	1.18716	0.737529	0.816111	-1.22532	0.0902754	0.32374	-3.0889	0.496659	1.51736	1.51736	0.614129	0.73554	-1.35955	0.747022	0.822393	-1.21596	1.49531	8.64422	5.13858	1
cg09333125	KIF26A	0.290875	0.594435	1.68241	1.68241	0.28178	1.90749	1.90749	0.242533	1.52686	1.52686	0.254435	1.25617	1.25617	0.0973231	1.52282	1.52282	0.761587	1.1515	1.1515	0.3586	1.0405	1.0405	0.0406125	0.54005	-1.8486	0.0611983	0.739993	1.99991	1.99991	0.672848	1.2176	1.2176	1.4953	0.1083	0.02539	1
cg11878242	SERTAD2	0.290876	0.782037	0.970334	-1.03057	0.0304107	0.758605	-1.31821	0.258617	0.878986	-1.13654	0.193905	1.16096	1.16096	0.737122	0.96408	-1.03726	0.843894	0.97882	-1.02164	0.53376	1.07083	1.07083	0.305405	1.12214	1.12214	0.922477	0.989486	-1.01063	1.49529	0.279228	0.165989	1
cg20499730	AGAP1;AGAP1	0.290873	0.804205	1.05144	1.05144	0.0844148	1.24948	1.24948	0.245978	1.93034	1.93034	0.0834284	1.02119	1.02119	0.956288	1.03813	1.03813	0.0802192	1.24134	1.24134	0.0312006	1.83288	1.83288	0.0905002	1.09718	1.09718	0.432326	1.03379	1.03379	1.49529	0.405214	0.2370606	1
cg05765647	IQCE;IQCE	0.290882	0.491973	0.840455	-1.18903	0.777061	1.07326	1.07326	0.990239	0.996958	-1.00305	0.0859157	0.62336	-1.60421	0.894572	1.03357	-1.03357	0.474384	0.834285	-1.19863	0.0448131	1.77456	1.77456	0.506373	1.18282	1.18282	0.344156	1.784528	-1.27465	1.49528	1.46876	0.873123	1
cg19413110	PDLR3GL;ANKRD34A;PDLR3GL	0.290882	0.709011	0.923164	-1.08323	0.10197	0.682661	-1.46486	0.987273	0.996604	-1.00341	0.545827	1.13925	1.13925	0.8836841	1.5042	1.5042	0.106816	1.45571	1.45571	0.608123	1.11661	1.11661	0.25121	1.29133	1.29133	0.65271	1.10143	1.10143	1.49528	1.07713	0.640318	1
cg06811467	ATP8B2;ATP8B2	0.290883	0.548227	0.7982	-1.25301	0.119575	2.9599	2.9599	0.0559	2.51742	2.51742	0.735597	1.33254	1.33254	0.365969	0.749293	-1.33459	0.194267	0.603054	-1.65805	0.0540932	0.3154	-3.17048	0.0844695	0.53454	-1.87077	0.634104	0.813438	-1.22955	1.49527	4.41315	2.56343	1
cg23644437	DLC1	0.290883	0.792858	0.925547	-1.08044	0.764934	0.915618	-1.09216	0.501199	0.81816	-1.22225	0.110718	0.599945	-1.66682	0.811711	0.932055	-1.0729	0.161361	1.55226	1.55226	0.0694239	1.81681	1.81681	0.936869	1.02356	1.02356	0.266563	0.711553	-1.40538	1.49527	2.04672	1.21671	1
cg24635157	HNRNPH1	0.290883	0.954803	1.01753	1.01753	0.370384	0.729509	-1.37267	0.634387	1.17811	1.17811	0.526143	1.801602	1.801602	0.0913219	2.12589	2.12589	0.853787	1.09537	1.09537	0.715132	1.12588	1.12588	0.0116455	1.29619	1.29619	0.0477827	1.25417	1.25417	1.49527	1.84095	1.16487	1
cg20715764	ZNF264	0.290884	0.904263	1.01881	1.01881	0.0179475	1.56122	1.56122	0.2422	1.20876	1.20876	0.761015	0.953847	-1.04839	0.797663	0.961007	-1.04058	0.424256	1.88127	-1.13474	0.0314407	1.03357	1.03357	0.704069	1.04135	1.04135	0.195347	1.23632	1.23632	1.49527	0.568187	0.337769	1
cg18241486	SNX1;SNX1;FAM96A;FAM96A;SNX1	0.290891	0.6183383	0.706049	-1.41633	0.320096	0.84363	-1.18535	0.742102	0.946812	-1.05658	0.966335	1.00701	1.00701	0.508434	1.11743	1.11743	0.545973	0.903809	-1.10643	0.626964	0.922138	-1.08444	0.134755	0.765769	-1.30588	0.0416874	0.678	-1.47493	1.49525	0.648702	0.385638	1
cg10995359	LCAT1;LCAT1;LCAT1;LCAT1;LCAT1	0.290893	0.854503	1.04572	1.04572	0.0976377	1.40035	1.40035	0.151573	1.37535	1.37535	0.815758	1.41941	1.41941	0.246702	1.07355	1.07355	0.961052	1.04076	1.04076	0.491353	1.02112	1.02112	0.0204489	1.12588	1.12588	0.0116455	1.29619	1.29619	0.0477827	1.25417	1.49527	1.84095	1.16487	1
cg24307341	ALPL;ALPL	0.290902	0.775806	0.899565	-1.11165	0.123366	0.538639	-1.85653	0.529958	0.788993	-1.26598	0.332813	1.44191	1.44191	0.0413714	0.434075	-2.30375	0.842184	1.0767	-1.0767	0.137476	0.582932	-1.71547	0.399958	0.555055	-1.80162	0.589442	0.817128	-1.2238	1.49521	3.25411	1.93453	1
cg21732245	LARGE;LARGE	0.290905	0.54197	0.689967	-1.44929	0.0708726	1.68022	1.68022	0.245372	1.33054	1.33054	0.320896	0.814912	-1.22753	0.382022	0.751458	-1.33095	0.41301	1.4926	1.4926	0.0203728	1.50837	1.50837	0.0281597	0.919191	-1.08798	0.0135597	1.1883	1.1883	1.49521	0.0250151	0.0210455	1
cg15490070	CH3L1	0.290912	0.0737446	0.366663	-2.7273	0.311656	0.590474	-1.69356	0.0923874	0.393659	-2.54027	0.172183	0.481226	-2.07802	0.12875	0.437657	-2.28489	0.0946471	0.396683	-2.5209	0.163482	0.473059	-2.1139	0.343492	0.611906	-1.63424	0.191185	0.498294	-2.00685	1.49518	5.99909	3.56648	1
cg01645597	MMUR1	0.290913	0.543412	0.442709	-2.25833	0.39077	0.464882	-2.15139	0.0982	0.455762	-2.19442	0.0238919	0.625855	1.59756	0.0120334	0.63384	-1.57783	0.0881409	0.426208	-2.34533	0.0499921	0.663892	-1.50651	0.0209501	0.881469	-1.13443	0.0256114	0.731418	-1.36721	1.49518	4.1561	2.74092	1
cg14525399	FAM53A	0.290918	0.750447	0.903219	-1.10715	0.21446	1.51727	1.51727	0.0238979	2.66275	2.66275	0.540492	0.820641	-1.21856	0.312792	1.39524	1.39524	0.373908	0.74791	-1.33698	0.402392	1.13444	1.13444	0.834468	0.935425	-1.06903	0.145516	0.870319	0.24379	1.43264	1
cg03035419	RPS21	0.290918	0.0166556	0.539749	-1.85271	0.894442	0.972386	-1.0284	0.489473	0.862348	-1.15963	0.133348	0.71067	-1.40712	0.35349	0.817608	-1.22308	0.640285	0.905494	-1.10437	0.421428	0.840939	-1.18915	0.448486	1.17696	1.17696	0.873081	0.96684	-1.0343	1.49516	1.05361	0.626383	1
cg03534977	TFAP4	0.290919	0.1969618	1.52517	1.52517	0.0222543	1.26183	1.26183	0.575713	1.50947	1.50947	0.175832	0.864967	-1.15723	0.656496	1.11962	1.11962	0.345182	1.32091	1.32091	0.0741	0.239178	1.42347	1.42347	0.0853457	0.318167	2.01817	2.01817	0.303737	0.343198	1.34196	1.49516	1.34007	1.15518	1
cg14227996	MED28	0.290923	0.509163	1.23175	1.23175	0.354211	0.759022	-1.31748	0.0510962	0.90153	1.90153	0.22299	1.44834	1.44834	0.117786	1.63454	1.63454	0.674424	1.884954	-1.13	0.917048	1.0306	1.0306	0.736145	1.10278	1.10278	0.311437	1.738649	-1.35382	1.49515	1.98155	1.17806	1
cg27452590	SIAE	0.290923	0.170549	1.32511	1.32811	0.419834	1.1753	1.1753	0.592166	1.11086	1.11086	0.138112	1.36401	1.36401	0.814015	1.04688	1.04688	0.0509514	1.44019	1.54409	0.450385	0.863112	-1.16129	0.679908	0.899732	-1.11516	0.347401	0.828521	-1.20687	1.49515	0.695349	0.532181	1
cg05167070	TAF6L	0.290928	0.556765	0.790554	-1.26486	0.344427	1.46975	1.46975	0.202615	1.68322	1.68322	0.431567	0.728024	-1.37358	0.0322184	0.370891	-2.69621	0.389014	1.00539	1.00539	0.377772	1.43026	1.43026	0.433971	0.729279	-1.37122	0.909883	1.04579	1.04579	1.49513	3.70263	2.2041	1
cg02670781	ATXN1;ATXN1L	0.290935	0.14475	0.811689	-1.232	0.193259	0.832447	-1.20128	0.884394	0.980807	-1.01957	0.894672	0.779261	-1.28327	0.772847	0.962182	-1.0393	0.511967	0.915216	-1.09262	0.410391	0.2183	-4.58182	0.0134551	0.465817	1.10391	1.10391	0.243674	1.17643	1.49513	0.42014	0.249786	1
cg13865360	C1orf126	0.290936	0.436526	0.809148	-1.23579	0.50128	0.674593	-1.48245	0.867353	0.672395	-1.48745	0.0676393	0.672395	-1.48722	0.0676393	0.672395	-1.48722	0.373388	0.734697	-1.36105	0.650932	0.811933	-1.23163	0.304802	0.724557	-1.38069	0.626402	0.915915	0.255151	1.39105	1.49565	0.24513	1
ch.10.8459914F	NRP1;NRP1;NRP1	0.290941	0.1309966	0.716253	-1.39615	0.0604717	0.648425	-1.5422	0.0762581	0.667885	-1.49726	0.10397	0.695032	-1.43878	0.101336	0.69273	-1.44356	0.563384	0.887323	-1.12699	0.328058	0.813352	-1.22948	0.573386	0.890092	-1.12348	0.519205	0.874837	-1.14307	0.49509	0.991607	0.589549	1
cg27641709	C1orf50	0.290944	0.666984	1.27458	1.27458	0.757455	0.840757	-1.1894	0.59681	0.816154	-1.34841	0.245702	1.97355	1.97355	0.188175	1.71895	1.71895	0.13093	0.70358	-1.42135	0.0178947	0.326198	-3.06562	0.288551	0.851295	-1.17483	0.495008	0.7429	-1.34582	0.429	0.441382	0.2	1
cg15931721	C1QL2	0.290945	0.472118	0.742314	-1.34774	0.766114	1.12923	1.12923	0.81983	1.16964	1.16964	0.0656348	0.430964	-2.32038	0.70163	0.85913	-1.16397	0.22882	1.59772	-1.67288	0.0172733	2.27234	2.27234	0.44994	1.3694	1.3694	0.999234	1.00039	1.00039	1.49508	3.93656	2.33689	1
cg04475069	NHLH2;NHLH2	0.290946	0.0454816	8.69861	8.69861	0.472159	1.993	1.993	0.755217	1.34302	1.34302	0.589504	0.598364	-1.67122	0.537113	0.554694	-1.8028	0.7083	0.701577	-1.42536	0.756496	0.745782	-1.34087	0.380924	2.33382	2.33382	0.0510329	8.10631	8.10631	1.49507	21.057	12.5193	1
cg08852209	ITPK1;ITPK1;ITPK1	0.290954	0.2922868	0.686106	-1.45736	0.2147	1.17244	1.17244	-1.65291	0.165527	0.600375	-1.66564	0.125152	1.77214	1.77214	0.345182	1.3261	0.817471	1.08206	1.08206	0.959029	1.08247	-1.01787	0.269492	1.48647	1.48647	0.218045	1.53888	1.53888	1.49505	2.81375	1.67293	1
cg24714634	FAM50A	0.290961	0.175924	0.141138	-7.08528	0.0356721	0.0359138	-27.8444	0.443889	0.345725	-2.89248	0.294559	4.38944	4.38944	0.585287	0.47248	2.11649	0.298601	0.203853	-4.33176	0.513382	2.46422	2.46422	0.544588	2.30149	2.30149	0.850479	2.19275	1.29275	1.49503	43.8375	26.0642	1
cg21119293	KIF26A	0.290962	0.0231329	0.601104	-1.66312	0.473517	0.401483	-2.49102	0.0268	0.373758	-2.68113	0.140112	0.707129	1.41351	0.0720128	0.713391	-1.40052	0.0820806	0.413394	-2.41901	0.0171696	0.3333	-3.00107	0.0278878	0.479008	-2.08703	0.0478448	0.728573	-1.37243	1.49502	2.08715	1.24848	1
cg01195014	MAGED1	0.290965	0.0633775	0.241562	-4.13972	0.752769	0.806523	-1.23989	0.712106	1.28688	1.28688	0.74943	1.24365	1.24365	0.214345	0.410841	2.43403	0.0309032	0.178267	-5.60955	0.889438	0.909694	-1.09927	0.701722	1.29934	1.29934	0.907021	0.923574	-1.08275	1.49502	10.9633	6.51846	1
cg17150663	KCP;KCP	0.290966	0.46469	0.734866	-1.36079	0.192593	1.76989	1.76989	0.40497	0.702733	-1.42302	0.0623389	0.42616	-2.36454	0.225643	0.590497	-1.69349	0.459623	0.732201	-1.36575	0.894141	0.946375	-1.05666	0.67146	1.19318	1.19318	0.0903971	0.461868	-2.16512	1.49501	4.05815	2.41285	1
cg12747239	GAB3;GAB3	0.290967	0.212432	0.714241	1.39493	0.151167	0.911134	0.911134	0.975475	0.754396	1.32556	0.0239892	0.679919	-1.47078	0.422804	0.710425	-1.40782	0.0440832	0.705706	1.41712	0.0176918	0.160018	6.24875	0.0057267	0.798149	1.50518	0.0178082	0.641691	-1.18808	1.49499	7.95791	4.73572	1
cg00447557	DSP	0.290974	0.0768894	2.42275	2.42275	0.24357	1.73122	1.73122	0.508896	1.35177	1.35177	0.368708	1.5148	1.5148	0.596889	0.786563	-1.27135	0.221933	1.78145	1.78145	0.477274	1.38408	1.38408	0.133503	2.07093	2.07093	0.0430248	2.84999	2.84999	1.49499	4.79058	2.84838	1
cg18047920	NAPRT1	0.290974	0.338568	0.715729	-1.39718	0.0858997	0.525464	-1.90308	0.27152	0.678354	-1.47416	0.201561	0.633029	-1.57971	0.0195293	0.384079	-2.60363	0.42547	0.75887	-1.31775	0.517909	0.800632	-1.24901	0.227715	0.650964	-1.53618	0.672113	0.865597	-1.15527	1.49499	2.72163	1.61822	1
cg18703983	KCNS3	0.290977	0.979486	0.992316	-1.00774	0.560515	1.19309	1.19309	0.305151	0.727209	-1.37512	0.266193	0.706388	-1.41565	0.840426	0.941315	-1.06234	0.0963263	1.72936	1.72936	0.0791615	1.79444	1.79444	0.179178	1.53427	1.53427	0.907134	1.03563	1.03563	1.49498	2.13071	1.26588	1
cg07830726	EB

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13948456	GPSM1	0.291259	0.992172	0.995653	-1.00437	1.00484868	0.404259	-2.47366	0.625003	0.8805881	-1.24134	0.712728	1.17848	1.137945	0.456259	0.71394	-1.40068	0.157037	0.510641	-1.95832	0.6624832	0.390611	-2.56009	0.1853207	0.5335826	-1.85628	0.503782	1.3516	1.3516	1.49409	4.66657	2.77631	1
cg14906206	ACMSD	0.291268	0.43409	0.758111	-1.31768	0.639687	1.177	1.177	0.405941	1.34161	1.34161	0.3975152	0.434223	-2.30296	0.0545294	0.470526	-2.12528	0.4809777	0.780676	-1.28094	0.479025	0.779787	-1.2824	0.544564	0.8089911	-1.23611	0.711003	0.879297	-1.13727	1.49406	2.82683	1.68181	1
cg08075631	C16orf58	0.291271	0.734592	0.765964	-1.30554	0.575012	0.641556	-1.55871	0.302497	0.43305	-2.3092	0.675349	1.39101	1.39101	0.468193	0.560439	-1.78304	0.073192	0.208978	-4.78519	0.0606654	0.190688	-5.24416	0.146767	0.295162	-3.38797	0.0870627	0.227531	-4.39501	1.49405	14.5266	8.64263	1
cg22358066	SFRS13A;SFRS13A	0.291276	0.0793105	0.407964	-2.4512	0.557874	0.761229	-1.31367	0.986334	0.992147	-1.00791	0.335712	0.633213	-1.57925	0.0402095	0.335838	-2.97763	0.337105	0.634097	-1.57705	0.0990141	0.434952	-2.29911	0.147703	0.480202	-2.08415	0.850347	0.916727	-1.09084	1.49404	5.01376	2.39297	1
cg21881859	C17orf85;C17orf85	0.291277	0.260393	1.32151	1.32151	0.107409	1.51783	1.51783	0.0539849	1.68113	1.68113	0.357719	1.25184	1.25184	0.538059	1.15958	1.15958	0.329273	1.27011	1.27011	0.567945	0.871905	-1.14691	0.119034	1.49448	1.49448	0.128928	1.47648	1.47648	1.49404	1.13442	0.793624	1
cg14120436	GNB5	0.291278	0.504234	1.73264	1.73264	0.0907742	4.48841	4.48841	0.0721204	5.04052	5.04052	0.3654222	1.51568	1.51568	0.301579	1.42214	1.42214	0.260233	-2.36903	0.492045	0.571398	-1.75009	0.5513307	0.6152342	-1.62538	0.635823	1.46873	1.46873	0.401227	1.50039	1.99844	0.4903	0.3652	1
cg25750814	AIRL5A;AIRL5A;AIRL5A	0.291282	0.942363	1.01549	1.01549	0.85275	1.04029	1.04029	0.938964	1.01641	1.01641	0.974794	0.993306	-1.00674	0.526466	1.14619	1.14619	0.213398	1.32122	1.32122	0.425674	0.841189	-1.18879	0.0263219	1.75084	1.75084	0.0871783	1.49409	1.49409	1.49402	1.06943	0.636274	1
cg22353872	ANGPTL4;ANGPT4	0.291283	0.535582	0.807274	-1.24104	0.117284	0.556759	-1.79611	0.0516641	0.4729246	-2.11265	0.441718	1.31	1.31	0.09099	1.01299	1.01299	0.485783	1.12609	1.12609	0.394878	0.740853	-1.3498	0.375529	1.1676	1.1676	0.381443	1.36207	1.36207	1.49402	2.80364	1.66867	1
cg14017077	CDK2AP1	0.291286	0.33524	0.532749	-1.87706	0.945045	1.04999	1.04999	0.860248	1.01855	1.01855	0.2077511	0.32328	0.32328	0.031507	0.202243	-4.94454	0.698603	0.781482	-1.27962	0.397205	0.573726	-1.73212	0.141221	0.366902	-2.72552	0.911453	1.07304	1.07304	1.49401	0.50154	0.165313	1
cg05126421	SKAP2	0.291287	0.0797821	0.407439	-2.45435	0.462827	0.708122	-1.41219	0.156656	0.496755	-2.01306	0.299613	0.608693	-1.64286	0.855489	0.919255	-1.08784	0.240643	-4.94454	0.956203	1.02567	1.02567	0.140719	0.481054	-2.07877	0.0375037	0.328018	-3.04862	0.245918	0.570965	-1.75142	1.496	5.04642	3.00247	1
cg14004232	IFNA1;IFNA2;IFNA4;IFNA5;IFNA6;IFNA7;IFNA8;IFNB1;IFNA10;IFNA14;IFNA16;IFNA17;IFNA21;IFNA4;IFNA5;IFNA6;IFNA7;IFNA8;IFNA10;IFNA14;IFNA16;IFNA17;IFNA21	0.291287	0.68571	1.34645	1.34645	0.565727	1.13961	1.13961	0.121196	0.68076	0.68076	0.21196	0.85804	0.85804	0.158005	1.15658	1.15658	0.2056	0.7454496	1.345	1.345	0.29431	0.7454496	1.345	0.133877	0.8488525	1.17852	1.496	0.163574	0.693582	1
cg26783481	A	0.291289	0.833283	1.0946	1.0946	0.0233556	0.312873	-3.19618	0.296719	0.628793	-1.59035	0.606458	0.80025	-1.24961	0.977735	0.988104	-1.01204	0.481804	1.35879	-1.35879	0.176438	1.852	0.5852	0.552528	0.775914	-1.2888	0.916794	0.956176	-1.04583	1.496	4.35125	2.58888	1
cg10917293	EFCAB4B;EFCAB4B;EFCAB4B	0.29129	0.251869	0.507992	-1.96853	0.69051	1.2454	1.2454	0.576065	0.726418	-1.37662	0.926238	1.05379	1.05379	0.443922	0.642985	-1.55525	0.215686	0.478406	-2.09027	0.0122497	0.171088	-5.84492	0.74447	0.831059	-1.20328	0.838082	0.800677	-1.12274	1.494	7.57524	4.50707	1
cg12111697	ZNF555	0.291298	0.143533	1.23066	1.23066	0.0440141	1.3571	1.3571	0.550966	0.9239403	-1.08286	0.688387	0.948197	-1.05463	0.285226	0.863764	-1.15772	0.797586	1.03449	1.03449	0.314567	0.871777	-1.14708	0.394274	1.12202	1.12202	0.693576	1.05364	1.05364	1.49397	0.411925	0.245089	1
cg06444427	SNORD116-2;SNORD116-6	0.291302	0.356306	0.68681	-1.45592	0.363927	0.692882	-1.44325	0.579257	0.72426	-1.24826	0.890758	1.05591	1.05591	0.0451489	0.880262	-1.13605	0.754828	1.29178	-1.29178	0.213614	0.595418	-1.67949	0.654366	1.19532	1.19532	0.0634851	1.43724	1.43724	1.49395	1.78084	2.20678	1
cg04964076	SCIN	0.291307	0.121059	0.353427	-2.82944	0.267133	2.0447	2.0447	0.294561	1.99529	1.99529	0.7277	1.24143	1.24143	0.0859626	0.309144	-3.23473	0.716485	0.798002	-1.25313	0.607285	0.725616	-1.37814	0.14368	0.378315	-2.6433	0.869835	1.10579	1.10579	1.49394	9.0567	5.3887	1
cg21184711	CADPS2;CADPS2;CADPS2	0.291308	0.0679949	0.284251	-3.4092	0.706593	1.25872	1.25872	0.827113	0.875382	-1.14235	0.699913	0.790066	-1.26572	0.0312384	0.217534	-4.59703	0.937834	0.953647	-1.04853	0.362781	0.566019	-1.76673	0.917056	1.06544	1.06544	0.133239	0.373102	-2.68074	0.49394	8.75962	5.21196	1
cg22522985	TXNDC12	0.291312	0.840321	1.05467	1.05467	0.945348	1.01825	1.01825	0.152865	1.49767	1.49767	0.598939	1.15029	1.15029	0.202214	-2.36903	0.492045	0.521146	-1.91885	0.478577	1.20932	1.20932	0.273029	0.740099	-1.35117	0.824488	0.945652	-1.05747	1.49393	1.5469	0.979906	1
cg10885956	NRXN2;NRXN2	0.291315	0.850157	0.827936	-1.20782	0.101376	5.99433	5.99433	0.594309	1.71035	1.71035	0.541202	0.540964	-1.84655	0.0401549	0.0937233	-10.6697	0.278185	0.324393	-3.08268	0.445487	0.460021	-2.17381	0.89596	1.13953	1.13953	0.462065	0.473568	-2.11363	1.49392	23.5838	14.0325	1
cg16336507	TPK1;TPK1	0.291315	0.018251	1.83089	1.83089	0.197517	1.09049	1.09049	0.513825	1.11966	1.11966	0.61071	1.04599	1.04599	0.0961911	1.09466	1.09466	0.482091	1.13207	1.13207	0.411807	0.89812	-1.11981	0.819906	0.968833	-1.03968	0.153453	1.29812	1.29812	1.49392	0.688484	0.410248	1
cg21149811	SNTG2	0.291316	0.209196	0.571349	-1.75024	0.0255471	0.3256019	-3.07107	0.0615533	0.41043	-2.43647	0.46657	0.791024	-1.36794	0.45693	0.725878	-1.37764	0.193143	0.558576	-1.79027	0.336067	0.657401	-1.52114	0.297755	0.633519	-1.57848	0.780073	0.888365	-1.12566	1.49391	4.2311	2.51753	1
cg01200987	MYST2	0.291318	0.973654	1.0042	1.0042	0.127708	0.954045	1.04379	0.536504	0.96204	1.04379	0.5604	0.78704	-1.01028	0.544634	0.882837	-1.13297	0.683185	1.06323	-1.06323	0.144755	0.857326	-1.16642	0.470324	1.11543	1.11543	0.0518812	1.57405	1.57405	1.49385	0.503405	0.314431	1
cg15018282	TRIM26	0.291329	0.782135	0.918482	-1.08875	0.53624	1.21182	1.21182	0.390114	1.31013	1.31013	0.0649874	1.88818	1.88818	0.161524	1.58185	1.58185	0.0449871	2.02528	2.02528	0.736265	0.901505	-1.10926	0.706704	0.890517	-1.12294	0.75998	0.910289	-1.09855	1.49387	2.22614	1.3246	1
cg14579177	MED13L	0.291334	0.314619	0.806354	-1.24015	0.579944	1.12267	1.12267	0.0785812	0.667595	-1.49836	0.417588	0.842435	-1.18703	0.83752	0.958405	-1.04313	0.992113	0.997956	-1.00205	0.18561	0.74788	-1.33711	0.2258	1.30118	1.30118	0.173298	1.34972	1.34972	1.49386	1.01357	0.603107	1
cg06300880	C5R1	0.291338	0.179473	0.803057	-1.24503	0.153001	1.62831	1.62831	0.0242803	2.04383	2.04383	0.254083	0.68445	-1.23857	1.44	1.344806	1.344806	0.283945	0.523859	-1.90903	0.0274192	0.304644	-3.28314	0.0224104	0.411138	1.82504	0.241408	0.426361	-2.34543	0.0474556	0.166039	-6.02134	1.49386	12.1233	7.21376	1
cg09934219	RASGRF1;RASGRF1;RASGRF1	0.291339	0.301041	0.515226	-1.9409	0.0792256	0.299427	-3.33972	0.0392507	0.228501	-4.37634	0.644299	0.749975	-1.33338	0.124095	0.356804	-2.80266	0.348713	0.550445	-1.81671	0.225861	0.455183	-2.19692	0.114495	0.345649	-2.89311	0.57679	0.705456	-1.41752	1.49384	9.06095	5.39159	1
cg11580844	ATF6B;ATF6B;FKBP6	0.291341	0.0568648	0.317211	-3.15423	0.0977255	0.882245	-1.13347	0.799581	0.8278645	-1.20782	0.827966	0.921606	-1.08506	0.0402095	0.335838	-2.97763	0.877279	1.11837	-1.11837	0.213899	0.387732	-2.5791	0.0941997	0.6038226	-1.65597	0.271572	0.49384	1.49384	12.3991	7.37789	1
cg22551942	BTBD2	0.29134	0.550191	1.31334	1.31334	0.0664409	0.395294	-2.52977	0.280557	0.603605	-1.65823	0.529276	0.750227	-1.33293	0.219099	1.79098	1.79098	0.536233	0.75396	-1.32633	0.33828	1.56063	0.56043	0.306477	1.61187	0.316227	0.626741	-1.59556	1.49384	4.81021	2.86225	1
cg19596208	TCC2;TIC23;TIC23;TTC23;TTC23;TTC23	0.291348	0.167394	0.757804	-1.3196	0.573036	1.11339	1.11339	0.135461	1.35459	1.35459	0.198442	0.773878	-1.29219	0.355675	0.835938	-1.19626	0.484638	1.14334	1.14334	0.116218	1.37986	1.37986	0.914689	0.979991	-1.02042	0.731159	0.937018	-1.06721	1.49381	0.841665	0.500831	1
cg16239981	ADORA1;ADORA1	0.291349	0.214891	0.554609	-1.80307	0.282376	2.38408	2.38408	0.103809	2.23254	2.23254	0.553743	0.763023	-1.31058	0.470837	0.718044	-1.39267	0.335921	0.638894	-1.56521	0.529952	1.33281	1.33281	0.437474	1.42994	1.42994	0.970306	0.983333	-1.01695	1.49381	4.82338	2.87015	1
cg00188521	CPEB3;MARCH5	0.291351	0.0836058	0.315779	-3.16755	0.0977255	0.882245	-1.13347	0.799581	0.8278645	-1.20782	0.827966	0.921606	-1.08506	0.0402095	0.335838	-2.97763	0.939277	1.10655	-1.10655	0.413283	0.836611	-1.19531	0.0881511	1.08511	-1.22457	0.78936	1.10394	1.10394	0.579371	1.08176	0.488185	0.643665	0.272333	1
cg05961595	APEX2	0.291352	0.0836058	0.15779	-6.33753	0.674975	1.5018	1.5018	0.857914	1.18863	1.18863	0.0799169	6.51252	6.51252	0.555201	1.77791	1.77791	0.132658	0.209178	-4.78061	0.396919	0.432651	-2.31133	0.956096	0.948297	-1.05452	0.845879	1.20642	1.20642	1.4938	21.9882	13.0901	1
cg08704681	KIAA1217	0.291352	0.207595	1.97813	1.97813	0.321726	0.591251	-1.69133	0.729709	1.19489	1.19489	0.780672	1.13868	1.13868	0.0328395	3.60205	3.60205	0.420689	1.52546	1.52546	0.281252	0.562767	-1.76394	0.632609	0.780649	-1.28099	0.440615	1.49736	1.49736	1.4938	6.23452	3.70986	1
cg07220554	C1orf203	0.291358	0.0396047	0.594267	-1.68274	0.575146	0.883524	-1.13183	0.229478	1.31752	1.31752	0.465282	1.17646	1.17646	0.888302	1.03121	1.03121	0.505607	1.15918	1.15918	0.240102	0.764159	-1.30863	0.424909	0.836776	-1.19506	0.417248	1.19877	1.19877	1.49378	1.13139	0.673243	1
cg10404009	MAMSTR;RASIP1	0.291358	0.499706	1.0042	1.0042	0.127708	0.954045	1.04379	0.536504	0.96204	1.04379	0.5604	0.78704	-1.01028	0.544634	0.882837	-1.13297	0.683185	1.06323	-1.06323	0.144755	0.857326	-1.16642	0.470324	1.11543	1.11543	0.0518812	1.57405	1.57405	1.49377	0.503405	0.314431	1
cg06043227	PTPRN2;PTPRN2;PTPRN2	0.291358	0.183098	1.21222	1.21222	0.56146	0.923127	-1.08327	0.648563	0.939401	-1.06451	0.492856	0.909478	-1.09953	0.66555	0.942652	1.06084	0.027944	1.42451	1.42451	0.290687	0.861235	-1.16112	0.957366	0.992743	-1.00731	0.660198	0.941507	-1.06213	1.49378	0.439106	0.261294	1
cg26138978	EFNB2	0.291361	0.0823311	2.64977	2.64977	0.272216	1.7837	1.7837	0.464056	1.4584	1.4584	0.154466	2.16357	2.16357	0.0910507	2.56639	2.56639	0.0563188	2.98706	2.98706	0.201554	1.79559	1.79559	0.156869	2.15259	2.15259	0.401531	1.54459	1.54459	1.49378	6.06557	3.60939	1
cg26138978	EFNB2;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;	0.291361																										
cg01664011	RAPGEF6;RAPGEF6	0.291365	0.208735	0.786112	-1.27208	0.124598	1.3525	1.3525	0.57193	1.1605	1.1605	0.0976911	0.886714	-1.12776	0.276455	0.814174	-1.22824	0.644548	1.08003	1.08003	0.709747	0.693264	-1.44245	0.428587	1.15808	1.15808	0.787632	0.952147	-1.05026	1.49376	0.780252	0.464304	1
cg06132862	C10orf90	0.291371	0.272003	0.607017	-1.64707	0.0955015	0.2315	0.2315	0.0127401	0.48968	0.48968	0.0900201	0.16557	0.16557	0.0613861	0.0993727	0.0993727	0.0165365	0.0713883	0.0713883	0.0138511	0.08511	0.08511	0.0139007	0.0165365	0.0713883	0.0138511	0.0853665	0.0853665	0.0165365	0.0713883	0.0138511	0.0853665	0.0853665	1.49376

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	F(Treat	SS(Treat)	SS(Error)	F(Error
cg06768423	TNFRSF10D	0.291733	0.653269	0.802842	-1.24558	0.6370817	0.793876	-1.25964	0.0111812	0.2121513	4.68356	0.8610317	0.188883	1.03883	0.977225	1.01393	-1.01393	0.523687	1.726637	-1.36867	0.855396	0.915334	-1.09255	0.732201	1.04602	1.04602	0.143553	0.466144	-2.14526	1.49261	5.57511	3.32013	1
cg11673741	CNN1	0.291746	0.972354	1.00927	1.00927	0.2941126	0.748502	-1.336	0.8959932	1.03545	1.03545	0.5514337	1.174	1.174	0.527938	0.8434668	-1.18558	0.770272	1.08107	1.08107	0.0143867	0.4479197	-2.23255	0.549373	1.175	1.175	0.422136	0.803896	-1.24394	1.49257	1.67525	0.997685	1
cg15113116	KLHDC7A	0.291748	0.246091	0.481972	-2.07481	0.530678	0.682399	-1.46542	0.8513736	0.8935528	-1.11916	0.6003347	0.729494	-1.37081	0.0346683	0.227246	-4.40052	0.705377	0.795697	-1.25676	0.0460452	0.2526592	-3.95739	0.26226	0.494936	-2.02046	0.150199	0.395333	-2.52951	1.49256	8.55782	5.09658	1
cg03496359	TBC1D2NF750	0.291751	0.0308083	0.477983	2.09213	0.843846	0.944214	-1.05938	0.5329393	1.03376	1.20376	0.402691	1.38038	1.28308	0.275812	1.39091	1.39091	0.846389	0.945095	-1.05809	0.169552	1.53097	1.53097	0.644185	0.873379	-1.14498	0.721337	1.10987	1.10987	1.49255	2.00255	1.19262	1
cg13657134	USP42	0.291754	0.498211	1.41794	1.41794	0.71012	1.208178	1.20878	0.781743	1.15148	1.15148	0.9784178	2.42599	2.42599	0.584561	1.32365	1.32365	0.552194	1.35721	1.35721	0.122074	2.3421	2.3421	0.067232	2.83378	2.83378	0.035932	3.45332	3.45332	1.49254	6.09676	3.63095	1
cg04263316	SLC13A4;SLC13A4	0.291757	0.8686987	1.05405	1.05405	0.2886618	1.419373	1.41973	0.065565	0.5181512	-1.92993	0.143378	0.636366	-1.64917	0.395557	0.758101	-1.31892	0.220438	0.668496	-1.49589	0.295937	1.41171	1.41171	0.878018	1.05008	1.05008	0.391388	0.756251	-1.32231	1.49253	2.39256	1.42491	1
cg10521808	CAMTA1	0.291759	0.233903	0.761838	-1.31262	0.186481	1.357	1.357	0.300112	0.7913132	-1.26372	0.0804015	0.655249	-1.52614	0.59279	0.888989	-1.12487	0.204438	0.746841	-1.33897	0.373948	1.22011	1.22011	0.596904	1.12338	1.12338	0.673756	1.09669	1.09669	1.49253	1.12316	0.668011	1
cg19460126	MGRN1;MGRN1;MGRN1;MGRN1	0.291762	0.0902827	0.749167	-1.68595	0.592977	1.216204	1.69804	0.704004	0.6760993	-1.47472	0.797111	0.769339	-1.29631	0.0896759	0.549727	-1.81954	0.358834	0.736295	-1.35794	0.113728	2.175499	-2.56349	0.164477	0.220983	-4.52524	0.035329	0.165117	-6.05631	1.49252	24.4801	14.5848	1
cg30934815	STK24;STK24	0.291765	0.600326	0.795404	-1.25722	0.784522	1.12601	1.12601	0.0178789	0.4837722	-2.0673	0.567871	0.788433	-1.27643	0.0395255	0.356655	-2.80383	0.944515	1.0306	1.0306	0.172004	0.532853	-1.87669	0.623432	1.23897	1.23897	0.11434	0.475374	-2.10361	1.49251	4.43174	2.6394	1
cg09537448	MIR96	0.291765	0.127841	0.457495	-2.18582	0.0380465	0.319086	-3.13395	0.165415	0.495211	-2.01934	0.620936	0.789158	-1.26717	0.219376	0.541444	-1.84691	0.335236	0.623733	-1.60325	0.261471	0.573154	-1.74412	0.0664058	0.376097	-2.65889	0.491589	0.71761	-1.39351	1.49251	5.33158	3.17651	1
cg27531276	KIAA1688	0.291777	0.158315	0.818464	-1.22241	0.524461	1.29633	1.29633	0.376848	1.16366	1.16366	0.0003082	1.33685	1.33685	0.241645	1.23788	1.23788	0.76438	1.16366	-1.16366	0.0003082	1.33685	1.33685	0.241645	1.23788	1.23788	0.165613	0.732933	1.15378	1.15378	0.507446	0.762933	-1.31073	0.492149	2.27996	1
cg19138446	LSAMP	0.29177	0.963757	0.974819	-1.02583	0.930887	1.04989	1.04989	0.275711	1.88969	1.88969	0.291974	1.84719	1.84719	0.504231	0.683611	-1.46282	0.389533	1.64033	1.64033	0.162572	2.3088	2.3088	0.0188657	4.93506	4.93506	0.544531	1.4109	1.4109	1.49249	7.44596	4.43463	1
cg21296138	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R1 2B	0.291773	0.317721	0.745675	-1.34107	0.5886608	1.833363	1.83363	0.13914	0.636149	-1.57196	0.672087	0.886052	-1.1286	0.974803	0.991066	-1.00901	0.411461	0.787702	-1.26952	0.215567	1.44827	1.44827	0.780201	1.08274	1.08274	0.450461	0.803727	-1.2442	1.49248	1.90853	1.13668	1
cg09980176	CCDC151	0.291779	0.0382033	15.7542	15.7542	0.94048	1.1484	1.1484	0.592275	1.859738	1.85978	0.347329	0.329351	-1.03628	0.399721	0.371785	-2.68973	0.498238	0.454237	2.2015	0.887538	0.850095	-1.17634	0.98812	1.01724	1.01724	0.093996	0.827633	8.27633	1.49246	31.1374	18.545	1
cg15394142	HMGA2;HMGA2	0.291784	1.131324	1.470286	-1.47286	0.216602	1.223397	1.2339	0.624568	0.9005091	-1.11006	0.8433129	0.57182	-1.75075	0.0634736	0.386919	-2.58452	0.0818153	0.641763	-1.55806	0.0438398	0.6660143	-1.50118	0.0062884	0.647254	-1.05568	0.74245	0.504004	-1.98337	1.49246	0.504004	0.298037	1
cg03542248	RGL2;RGL2;RGL2	0.291786	0.61755	1.25361	1.25361	0.652486	0.815849	-1.22572	0.776555	0.8800667	-1.13628	0.0806432	0.418987	-2.38671	0.389272	0.672913	-1.48608	0.652618	1.22561	1.22561	0.0413899	0.3477667	-2.87547	0.15065	0.500754	-1.99699	0.245965	0.579955	-1.72427	1.49244	4.76505	2.83803	1
cg21329723	C6orf10	0.291786	0.781403	1.06632	1.06632	0.18498	0.729799	-1.38351	0.224082	0.7445595	-1.34301	0.762332	0.932359	-1.07255	0.611368	0.889016	-1.12485	0.344753	1.25197	1.25197	0.0911867	1.53615	1.53615	0.153018	0.687798	-1.45392	0.398349	0.819	-1.221	1.49244	1.26032	0.750642	1
cg25164237	KCND9	0.291786	0.8923913	1.04136	1.04136	0.2488445	2.178795	2.17895	0.668087	0.8558858	-1.16842	0.726846	0.895845	-1.1153	0.570958	0.847175	-1.18805	0.0757632	1.8126	1.8126	0.406106	0.8678931	-1.15222	0.940373	1.02277	1.02277	0.716064	0.805906	-1.11619	1.49244	1.40432	1.27476	1
cg18195498	GIGYF1	0.291786	0.92373	0.980292	-1.0201	0.512213	1.14817	1.14817	0.333765	0.8128332	-1.23027	0.109248	1.43766	1.43766	0.789409	0.945877	-1.05722	0.273215	0.788968	-1.26748	0.0883151	1.47831	1.47831	0.229621	0.769491	-1.29956	0.550659	0.88205	-1.13372	1.49244	1.02131	0.608285	1
cg00103245	MCF2L;MCF2L	0.291788	0.892001	0.937099	-1.06681	0.0155444	1.96537	1.96537	0.0934868	1.27931	1.27931	0.59884	1.2966	1.2966	0.697484	1.35146	1.35146	0.441084	1.46793	1.46793	0.453373	1.4524	1.4524	0.446105	1.56007	1.56007	0.487022	1.41207	1.41207	1.49244	5.64322	3.36108	1
cg19084589	UN28	0.291789	0.0687427	0.751685	0.751685	0.6541757	0.784229	0.84229	0.599389	0.5916653	-1.69018	0.0947988	0.615935	0.615935	0.910808	0.110724	1.10724	0.599838	0.592042	-1.68907	0.967899	0.960937	-1.04065	0.350246	2.591	2.591	0.538408	0.85298	1.85298	1.49243	23.1746	13.8028	1
cg10894977	CASP7;CASP7;CASP7;CASP7;CASP7	0.291791	0.125534	0.839111	-1.19148	0.4284665	0.883508	0.883508	0.0178562	0.3910582	-2.55852	0.0972514	0.178433	1.56413	0.0765825	0.639057	1.70157	0.119362	1.03686	1.03686	0.0413295	0.7731241	0.931487	-1.09711	0.0992031	1.64598	1.64598	0.0414	0.608123	1.13266	1.13266	0.0422133	1.13266	1
cg16311685	MAGOH	0.291791	0.50462	1.15121	1.15121	0.814203	0.95222	-1.05018	0.207733	1.31819	1.31819	0.793493	1.05609	1.05609	0.342875	0.8160697	-1.22535	0.534561	1.13975	1.13975	0.0496561	1.59315	1.59315	0.330887	0.811681	-1.23201	0.121901	1.41721	1.41721	1.49242	1.02229	0.608877	1
cg03905463	PCGF5	0.291792	0.119271	1.2302	1.2302	0.206351	1.17743	1.17743	0.189917	1.18546	1.18546	0.978482	0.9967	-1.00331	0.237819	1.16362	1.16362	0.242768	1.1616	1.1616	0.396281	1.11233	1.11233	0.0332709	1.35652	1.35652	0.137326	1.21666	1.21666	1.49242	0.354955	0.211412	1
cg20886259	FLRT3;MACROD2;FLRT3;FLRT3;FLRT3	0.291792	0.3696814	0.826995	-1.20989	0.0694246	1.586493	1.58649	0.28643	1.28643	0.2242897	1.17553	1.175553	1.175553	0.1453748	1.20852	1.20852	0.0788152	0.8242	-1.21352	0.852245	1.02339	1.02339	0.472063	1.09519	1.09519	0.695242	0.963518	0.963518	1.49242	0.216512	0.363518	1
cg03950689	JAKMIP3	0.291792	0.182529	0.723982	-1.38125	0.372456	1.232251	1.23251	0.87324	0.9642031	-1.03713	0.9803851	1.00563	1.00563	0.100947	0.6635557	-1.50703	0.108644	0.670637	-1.49112	0.191531	0.729283	-1.37121	0.8352568	1.04869	1.04869	0.282994	1.29006	1.29006	1.49242	1.2321	0.733841	1
cg19446016	PRDM1	0.291793	0.974779	0.97461	-1.02521	0.8608214	0.94592	-1.06	0.4133	0.6574504	1.52063	1.82069	0.143577	0.9465	0.662307	1.14735	-1.4134	0.592212	0.653694	-1.52977	0.0882242	1.49789	1.49789	0.0662805	1.42376	1.42376	0.44241	0.655719	1.42376	1.42376	0.44241	14.0223	8.72692	1
cg24399540	ADAM23	0.291793	0.358649	0.681485	-1.46738	0.670034	0.445242	-2.30281	0.0615121	0.4249981	-2.35305	0.380711	0.693994	-1.44094	0.0911032	0.460502	-2.12992	0.268611	0.626181	-1.59698	0.166654	0.549312	-1.82064	0.0125101	0.588451	-1.69938	0.961238	0.101994	1.01994	1.49242	3.90142	2.3237	1
cg05224671	RAB15	0.291797	0.331467	0.479069	-2.08738	0.084766	4.05539	4.05539	0.09225419	3.89456	3.89456	0.973531	1.02467	1.02467	0.46169	0.569408	-1.75621	0.426777	0.55103	-1.81478	0.23522	0.4010313	-2.49356	0.997912	1.00192	1.00192	0.474846	0.586405	-1.70531	1.49241	12.7497	7.5938	1
cg17812899	NMNAT2	0.291803	0.1570372	0.75372	0.75372	0.5715373	0.3944164	0.903371	-1.10606	0.5594864	1.63143	0.6143	0.463976	0.778903	-1.28386	0.2104605	0.659381	-1.51544	0.365605	1.09526	1.09526	0.3102407	1.07071	1.07071	0.206238	1.10826	1.10826	0.0168363	0.836574	-1.19535	1.49239	0.226552	0.134938	1
cg17449935	MP2L1;MP2L1;MP2L1	0.291808	0.929514	1.02328	1.02328	0.363442	0.988431	-1.0117	0.172601	0.648295	-1.45879	0.91515	0.972656	-1.02811	0.841936	0.949386	-1.05331	0.707151	0.906488	-1.10316	0.189415	0.696547	-1.43565	0.061701	1.72882	1.72882	0.129186	1.5319	1.5319	1.49237	1.59946	0.952676	1
cg25837165	CNDP2;CNDP2	0.291811	0.323308	0.744284	-1.34339	0.1538445	0.883508	0.883508	0.0178562	0.3910582	-2.55852	0.0972514	0.178433	1.56413	0.0765825	0.639057	1.70157	0.119362	1.03686	1.03686	0.0413295	0.7731241	0.931487	-1.09711	0.0992031	1.64598	1.64598	0.0414	0.608123	1.13266	1.13266	0.0422133	1.13266	1
cg23010048	ZNF577;ZNF577;ZNF577	0.291814	0.69693	1.11804	1.11804	0.482176	1.22587	1.22587	0.0146586	2.35533	2.35533	0.803134	0.930643	-1.07453	0.512292	0.8274	-1.20861	0.866065	0.953015	-1.0493	0.313822	0.743058	-1.34579	0.898475	1.03706	1.03706	0.504112	1.2132	1.2132	1.49235	1.92102	1.14421	1
cg07821160	PTAFR;TAFR;PTAFR;PTAFR	0.291816	0.811644	1.08532	1.08532	0.0371998	0.436243	-2.2923	0.360556	0.7244428	-1.3804	0.813785	0.922262	-1.08429	0.0764477	0.96562	1.96562	0.698207	1.14294	1.14294	0.870364	1.05761	1.05761	0.925729	0.968528	-1.03249	0.447327	0.76673	-1.30424	1.49235	2.78014	1.65593	1
cg17405687	ZIC3	0.291819	0.452944	1.08078	1.08078	0.18074	0.546097	-1.83588	0.117562	0.3995	-2.50188	0.175862	0.546236	-1.83142	0.357527	0.8891	-1.12469	0.154026	1.75702	1.75702	0.0090885	2.38097	2.38097	0.0132196	3.94224	3.94224	0.0191	2.38697	2.38697	0.523195	0.758238	0.189571	0.458308	1
cg02707552	D14;RPL13A	0.291822	0.230383	0.616984	-1.62079	0.144595	1.82466	1.82466	0.467802	0.75312	-1.32781	0.287406	0.654475	-1.52794	0.316949	0.672306	-1.48742	0.182237	1.72174	1.72174	0.9046	0.955027	-1.04709	0.67837	1.17356	1.17356	0.132884	0.536716	-1.86318	1.49233	3.48124	2.07356	1
cg02833657	FAM174A	0.291823	0.249326	1.24152	1.24152	0.471409	1.15646	1.15646	0.903194	0.9765145	-1.02444	0.218078	0.773308	-1.29315	0.876773	1.03127	1.03127	0.668005	1.08339	1.08339	0.213168	0.70795	-1.2971	0.0333321	0.610486	-1.63804	0.681077	1.08546	1.08546	1.49233	0.930561	0.554279	1
cg00854799	PIX10;RER1;PIX10	0.291832	0.45493	1.253	1.253	0.0162533	2.3891	2.3891	0.29861	1.37611	1.37611	0.927151	1.02802	1.02802	0.551421	1.19551	1.19551	0.93203	1.0256	1.0256	0.15542	1.56906	1.56906	0.19952	1.49431	1.49431	0.211576	1.47696	1.47696	1.4923	2.07542	1.22623	1
cg25294502	ZDHHC8	0.291844	0.481943	1.0922	1.0922	0.0859514	0.729394	0.729394	0.0146347	-1.7177	-1.7177	0.232055	0.8244252	1.21865	0.0168222	1.25365	1.25365	0.0477	1.18448	0.865199	0.0229	1.25365	1.25365	0.0477	1.18448	0.865199	0.0229	1.0013	1.0013	1.49232	0.584324	0.284326	1
cg27550918	SYNPO2L;SYNPO2L;SYNPO2L	0.291844	0.373667	0.577514	-1.73156	0.0274596	0.208467	-4.79693	0.0832328	0.31441	-3.18056	0.974994	0.981333	-1.01902	0.922228	0.722495	-1.38409	0.201173	0.444158	-2.25145	0.277081	0.506851	-1.97311	0.309792	0.531597	-1.88112	0.687747	1.27494	1.27494	1.49226	8.54226	5.08834	1
cg00285026	TMEM159;SNAH3	0.291844	0.809553	1.07426	1.07426	0.3284645	1.13473	1.13473	0.2134	1.16445	1.16445	0.444857	1.30457	1.30457	0.380513	1.2722	1.2722	0.887638	1.02092	1.02092	0.842204	1.08252	1.08252	0.622362	1.08252	1.08252	0.527175	1.93358	1.93358	0.965182	1.01384	0.646828	1.13113	1
cg18689295	SYT1;SYT1;SYT1	0.291844	0.145457	1.37825	1.37825	0.370871	0.828133	-1.20754	0.155565	0.732079	-1.36597	0.10878	0.698389	-1.43187	0.313368	1.23863	1.23863	0.960733	0.989946	-1.01016	0.925737	0.981048	-1.01932	0.692053	0.921546	-1.08513	0.168046	0.739694	-1.35191	0.49226	0.995492	0.592581	1
cg02062970	SIC40	0.291847	0.309076	0.76317	-1.59193	0.812458	0.900168	-1.1109	0.404206	0.685445	-1.45891	0.925238	0.961223	-1.04078	0.731307	0.845828	-1.41398	0.167992	0.521944	-1.91591	0.0170281	0.624349	-1.60156	0.524327	0.843811	-1.1851	0.597121	0.624349	-1.60156	0.524327	0.752689	-1.32857	0.43225	0.477379	2.75562	1
cg26364408	C19orf44	0.291846	0.6528737	0.321646	-3.10901	0.059599	0.781863	-1.27909	0.0146347	-1.7177	-1.7177	0.232055	0.8244252	1.21865	0.0168222	1.25365	1.25365	0.0477	1.18448	0.865199	0.0229	1.25365	1.25365	0.0477	1.18448	0.865199	0.0229	1.0013	1.0013	1.49232	0.584324	0.284326	1
cg07551199	EVSL	0.291846	0.12612	0.781022	-1.28037	0.591908	1.08417	1.08417	0.123549	1.28289	1.28289	0.432574	1.12706	1.12706	0.17906	1.23759	1.23759	0.613048	1.07914	1.07914	0.223306	0.826059	-1.21057	0.330924	1.16162	1.16162	0.380147	1.1439	1.1439	1.49225	0.527112	0.313984	1
cg15138200	SYF2;SYF2	0.291846	0.2779561	0.684858	-1.46055	0.1185835	0.566675	-1.76468	0.137463	0.633143	0.463976	0.778903	-1.28386	0.2104605	0.659381	-1.51544	0.365605	1.09526	1.09526	0.3102407	1.07071	1.07071	0.206238	1.10826	1.10826	0.0168363	0.836574	-1.19535	0.49219	0.226552	0.134938	1.53807	1
cg07456557	PLCXD2;PLCXD2	0.291859	0.848071	1.04689	1.04689	0.0626637	1.64947	1.64947	0.363902	1.24971	1.24971	0.115113	0.664123	-1.50575	0.294986	0.77146	-1.29624	0.387484	0.809274	-1.23568	0.782252	1.06843	1.06843	0.576046	1.1445	1.1445	0.367123	1.24775	1.24775	1.49221	1.34488	0.803508	1
cg14121901	MEG3;MEG3;MEG3	0.291861	0.6618673	1.94134	1.94134	0.6818639	1.83948	1.83948	0.898327	0.9604712	-1.04115	0.2463781	1.46923	1.46923	0.478937	0.7968856	-1.25493	0.28239	1.4226	1.4226	0.1832761	1.56211	1.56211	0.547491	1.10749	1.10749	0.576348	0.836876	-1.19462	0.49221	2.35218	1.40116	1
cg06962970	NTM	0.291864	0.344871	0.5019	-1.99284	0.0725357	1.89827	1.89827	0.0146347	-1.7177	-1.7177	0.232055	0.8244252	1.21865	0.0168222	1.25365	1.25365	0.0477	1.18448	0.865199	0.0229	1.25365	1.25365	0.0477	1.18448	0.865199	0.0229	1.0013	1.0013	1.49221	0.584324	0.284326	1
cg22800172	PRDM16;PRDM16	0.291864	0.750152	1.09248	1.09248	0.274177	1.37026	1.37026	0.854564	0.8805405	-1.24611	0.632908	0.875273	-1.1425	0.257893	1.38659	1.38659	0.510595	1.20292	1.20292	0.0201443	1.17226	1.17226	0.263418	1.38094	1.38094	0.455298	1.23433	1.23433	1.4922	1.81131	1.07898	1
cg23003783	GRM3;GRM6	0.291864	0.750416	1.09248	1.09248	0.274177	1.37026	1.37026	0.854564	0.8805405	-1.24611	0.632908	0.875273	-1.1425	0.257893	1.38659	1.38659	0.510595	1.20292	1.20292	0.0201443	1.17226	1.17226	0.263418	1.38094	1.38094	0.455298	1.23433	1.23433	1.4922	1.81131	1.07898	1
cg10662943	UC10018849	0.291866	0.951434	1.01323	1.01323	0.144088	0.712719	-1.40308	0.529369	0.871521	-1.14742	0.290599	1.26705	1.26705	0.306215	0.795629	-1.25687	0.085398	0.663393	-1.5074	0.122995	0.697247	-1.43421	0.509155	0.865434	-1.15549	0.116727	0.692247	-1.44457	1.49219	1.10069	0.655675	1
cg04661194	GPR98;GPR98	0.291868	0.2585065	0.64569	-1.54966	0.415323	1.14965	1.14965	0.864375	1.07627	1.07627	0.018642	1.28809	1.28809	0.393558	1.14526	1.14526	0.858021	1.07937	1.07937	0.0207866	1.2976	1.2976	0.940028	1.03283	1.03283	0.707086	1.18271	1.18271	1.49217	0.435555	0.25449	1
cg16452857	MTI1D	0.29188	0.0696784	0.56109	0.56109	0.815913	0.829177	-1.20601	0.145244	0.475741	0.475741	0.33567	2.69118	2.69118	0.266092	0.550256	-1.81734	0.033666	0.278338	3.59376	0.0003	0.908666	0.89186	-1.12125	0.656217	1.56324	1.56324	0.723125	1.42579	1.42579	0.071497	7.44077	4.29125	23.4992	13.9987	1
cg12436612	KIAA1026;KIAA1026;KIAA1026;KIAA102 6	0.291881	0.713552	0.910904	-1.09781	0.0519055	1.75037	1.75037	0.626801	0.883361	-1.13204	0.58584	0.870004	-1.14942	0.166758	0.54226	1.45226	0.243178	1.3622	1.3622	0.116716	1.53939	1.53939	0.340899	1.28198	1.28198	0.717118	0.91202	-1.09647	1.49214	1.51392	0.901859	1
cg06497621	C16orf72	0.291884	0.626083	0.893682	-1.11897	0.806208	0.945289	-1.05788	0.886249	0.967765	-1.03331	0.377584	0.812816	-1.23029	0.172921	0.717483	-1.39376	0.026922	0.54889	-1.82186	0.116902	0.677107	-1.47687	0.939083	0.982656	-1.01765	0.371427	1.23378	1.23378	1.49213	1.23836	0.737711	1
cg00103334	SETD8	0.291888	0.427319	2.34005	2.34005	0.0001	1.58387	1.58387	0.0146347	-1.7177	-1.7177	0.232055	0.8244252	1.21865	0.0168222	1.25365	1.25365	0.0477	1.18448	0.865199	0.0229	1.25365	1.25365	0.0477	1.18448	0.865199	0.0229	1.0013	1.0013	1.49212	0.584324	0.284326	1
cg13938969	APBA2;APBA2	0.291892	0.34136	0.563906	-1.77334	0.418957	1.62018	1.62018	0.696057	1.25783	1.25783	0.78934	0.855166	-1.16936	0.0959416	0.3435572	2.9106	0.782774	1.17525	1.17525	0.0272789	0.217337	-4.60114	0.735126	1.21946	1.21946	0.828488	0.880938	-1.13515	1.49211	8.06783	4.80622	1
cg03557391	PDE5A;PDE5A;PDE5A;PDE5A WDR20;WDR20;WDR20;WDR20;WDR20	0.291892	0.749118	1.05778	1.05778	0.295262	1.20926	1.20926	0.238993	0.8058333	-1.24095	0.17212	0.774879	-1.29052	0.859202	0.967611	-1.03347	0.942729	0.987501	-1.01266	0.118978	0.734618	-1.34478	0.173859	0.776255	-1.28824	0.103443	1.28272	1.28272	1.49211	0.724205	0.431428	1
cg13684553	AA1;WDR20	0.291899	0.335733	0.75369	-1.32681	0.979363	1.0074	1.0074	0.80705	0.932668	-1.07219	0.410047	0.78663	-1.27124	0.546881	0.840572	-1.18967	0.937085	1.02274	1.02274	0.929761	1.02543	1.02543	0.345223	1.41376	1.41376	0.0200979	2.22299	2.22299	1.49209	1.9177	1.14244	1
cg30094723	RARRES2	0.29191	0.762835	0.627171	-1.59426	0.0433017	1.06875	1.72093	0.6016641	1.002336	-1.30758	0.823672	0.88147	-1.13447	0.1161552	0.7239444	-1.38146	0.331813	0.567433	-1.76232	0.246274	0.508853	-1.9847	0.164592	0.74005	-1.35122	0.494213	0.675218	-1.48311	1.49205	1.75122	1.49917	1
cg24046081	ZFR2	0.291917	0.162598	0.50516	-1.97957	0.0240349	0.291423	-3.43144	0.622621	1.25512	1.25512	0.385951	1.50252	1.50252	0.467516	0.717659	-1.39342	0.685842	1.20477	1.20477	0.556673	0.761605	-1.31302	0.594753	1.27884	1.27884	0.598864	0.784676	1.27441	1.49203	0.95869

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	df
cg23040011	PELI2	0.2922146	0.427437	1.7465655	0.1399407	0.0381833	0.27892	2.37892	0.5601177	1.23677	2.1236779	0.7714579	1.14167	1.141667	0.1404476	0.5644403	0.1777178	0.617226	0.833801	-1.19933	0.522422	0.791485	-1.26345	0.992154	1.003855	1.003855	0.2601173	0.657785	-1.52025	1.49131	3.07331	1.83183	1
cg08129374	BIK	0.29215	0.0231297	0.2729984	3.663303	0.2129666	0.534167	-1.87207	0.938883	0.9640405	-1.03734	0.87046	0.924944	-1.08115	0.950292	0.970635	1.030225	0.278632	0.583601	-1.7135	?	?	?	0.644202	1.24898	1.24898	0.4692333	1.42192	1.42192	1.49242	4.80184	3.21749	1
cg17244980	ARHGAP22	0.2921512	0.4299553	0.510222	-1.95993	0.0151727	0.0829805	-12.051	0.10165	0.2241661	-4.46107	0.507498	0.570592	-1.75257	0.526243	0.585159	-1.70894	0.222048	0.342686	-2.91812	0.492093	0.558645	-1.79004	0.396111	0.484241	-2.06509	0.924064	1.08281	1.08281	1.49129	16.4469	9.80319	1
cg23085530	RFX2;RFX2	0.2923153	0.4544626	0.793964	-1.25951	0.145237	1.60584	1.60584	0.0618024	1.89017	1.89017	0.6018317	1.852639	-1.17283	0.1646926	0.6383397	0.1566835	0.87233	1.04991	1.04991	?	?	?	0.953131	1.01796	1.01796	0.58326	1.18267	1.18267	1.49241	1.92657	1.29091	1
cg14645546	VPS36	0.2923158	0.4165339	0.8872669	-1.12705	0.272666	0.749693	-1.33388	0.0352023	0.7023323	-1.42385	0.997622	1.00043	1.00043	0.424066	0.8890491	-1.1248	0.139235	0.795141	-1.25764	0.356846	0.8724201	-1.14626	0.474854	0.9006511	-1.11036	0.577299	1.08448	1.08448	1.49128	0.4900071	0.2921111	1
cg20666597	CUX1;CUX1.CUX1	0.2923162	0.6006899	1.29461	1.29461	1.020447	0.43277	-2.3107	0.2330664	0.5353112	-1.86877	0.1018888	2.436	2.436	0.8414417	1.10475	1.10475	0.3939976	1.54369	1.54369	0.167637	2.07386	2.07386	1.24067	1.62987	1.62987	0.9675008	1.02046	1.02046	1.49126	5.83999	3.481	1
cg17470637	MARCH2;MARCH2;MARCH2	0.2923165	0.1874333	1.65082	1.65082	0.709318	1.1438	1.1438	0.6231985	1.19395	1.19395	0.1448005	1.754	1.754	0.671153	0.8579934	-1.16559	0.0437906	0.435409	-2.29669	0.561049	0.8089868	-1.23477	0.452576	1.31595	1.31595	0.6217113	1.19536	1.19536	1.49126	3.04044	1.81231	1
cg07816786	ZNF529;ZNF529;ZNF529	0.2923167	0.661295	0.928194	-1.07736	0.0546208	1.448897	1.44897	0.0278622	1.5562	1.5562	0.7964645	0.9569892	-1.04495	0.7122496	0.943046	-1.06039	0.745044	0.94621	-1.05707	0.5998066	1.09444	1.09444	0.9078221	1.02199	1.0199	0.6897004	1.07065	1.07065	1.49125	0.6833375	0.4073939	1
cg13806096	MAGEF1;MAGE1	0.2923172	0.179586	0.329921	-3.03101	0.0400037	0.174033	-5.74603	0.5546863	0.628204	-1.59184	0.1691163	3.1253	3.1253	0.591185	1.52472	1.52472	0.22131	0.367824	-2.71869	0.378853	0.8033314	-1.24484	0.923179	1.07792	1.07792	0.5922381	1.52279	1.52279	1.49123	14.2935	8.51999	1
cg05355167	LOC285456;RPL34;RPL34;RPL34	0.2923173	0.137153	1.38614	1.38614	0.509144	0.87234	-1.14634	0.52599	1.14002	1.14002	0.377854	0.8314497	-1.20265	0.2663115	1.26643	1.26643	0.4936333	1.15231	1.15231	0.790191	0.94707	-1.05589	0.602719	0.8984443	-1.11304	0.0366836	1.64058	1.64058	1.49123	0.9822264	0.585506	1
cg12682032	HOMER2;HOMER2;HOMER2;HOMER2	0.292184	0.5557789	0.863514	-1.15805	0.0302632	1.87258	1.87258	0.4732754	1.19703	1.19703	0.732557	1.08814	1.08814	0.308828	0.771453	-1.29613	0.2586621	0.306745	-3.26044	0.3067234	1.34259	1.34259	0.491139	0.571789	1.15109	1.15109	0.971012	1.00899	1.00899	1.4912	1.43228	0.85377	1
cg26472525	PLD6	0.2923184	0.6373702	1.3951	1.10935	0.6538317	0.895282	-1.11597	0.8602142	1.04305	1.04305	0.54658	0.861131	-1.16126	0.642195	0.8916668	-1.12149	0.4400501	0.809045	-1.23555	0.0511759	1.72317	1.72317	0.2929065	1.28204	1.28204	0.0640139	1.66541	1.66541	1.4912	1.41814	0.8453444	1
cg05641499	GPR161	0.2923193	0.141339	1.28668	1.28668	0.144252	1.13289	1.13289	0.1460937	0.9882261	1.01093	0.1731468	0.8384488	-1.19262	0.714451	1.06013	1.06013	0.3162117	0.983372	-1.01691	0.0318336	0.669704	-1.4932	0.490899	1.13096	1.11796	0.8395141	1.02388	1.02388	1.49117	0.59978	0.35753	1
cg11664818	CLDN14;CLDN14;CLDN14;CLDN14	0.2923206	0.6609551	0.90827	-1.10099	0.0501861	1.62698	1.62698	0.682683	1.09374	1.09374	0.85931	0.962061	-1.03943	0.292093	1.26908	1.26908	0.0646452	1.57213	1.57213	0.105649	1.4701	1.4701	0.315613	1.25381	1.25381	0.529334	1.14903	1.14903	1.49113	1.12227	0.669006	1
cg10132157	PARP6	0.2923209	0.8323292	1.03948	1.03948	1.0200767	1.36072	1.36072	0.784082	1.05144	1.05144	0.4125758	1.186356	-1.16015	0.960066	0.99226	-1.0078	0.92851	1.083743	-1.01653	0.837465	0.9631178	-1.03823	0.899933	0.7808891	-1.28059	0.0344004	1.56937	1.56937	1.49112	0.7879424	0.46963	1
cg24457538	OPN4;OPN4;OPN4;OPN4	0.29221	0.3342	1.39455	1.39455	0.0170645	2.6406	2.6406	0.143998	1.689	1.689	0.475041	1.2745	1.2745	0.816525	0.92533	-1.0807	0.4833328	1.26855	1.26855	0.136336	1.709	1.709	0.788523	1.09392	1.09392	0.5980466	1.19441	1.19441	1.49112	2.6331	1.56965	1
cg15546232	PLIPT1	0.2923219	0.412227	1.45204	1.45204	0.586276	1.27695	1.27695	0.32272	1.57525	1.57525	0.452389	1.40574	1.40574	0.857439	0.932752	-1.0721	0.2560111	1.69465	1.69465	0.152039	0.505285	-1.97908	0.0537324	0.377415	-2.64961	0.719667	0.851863	-1.1739	1.49109	4.67359	2.78609	1
cg02612588	GPR111	0.2923223	0.8801123	1.15609	1.15609	0.3150231	0.368439	-2.71415	0.0713886	0.1443193	-6.92557	0.143196	0.22046	-4.53598	0.225145	0.293946	-3.40198	0.37425	0.858804	-1.16441	0.0300462	0.0860803	-11.6171	0.626995	0.6245912	-1.60104	0.497789	0.516076	-1.9377	1.49105	21.8119	13.0031	1
cg10465839	PTT4G;TMEM204	0.2923231	0.0765183	0.514716	-1.94266	0.0998229	0.961151	-1.04042	0.2077599	0.5160968	-1.93436	0.558262	0.8503157	-1.17577	0.1109804	0.7308261	-1.36824	0.2719948	0.680499	-1.46955	0.193211	1.02601	1.02601	0.8480063	1.06569	1.06569	0.106127	0.5521	-1.81126	1.49105	2.67564	1.55908	1
cg16362595	JARID2	0.2923251	0.558218	0.725696	-1.37799	0.6688692	0.332042	-3.01167	0.108451	0.387447	-2.581	0.412659	0.537388	1.563498	0.3914546	0.5707774	-1.75201	0.836207	0.809353	-1.11863	0.118941	0.399954	-2.50029	0.420442	1.56159	1.56159	0.813629	1.13642	1.13642	1.49105	0.6243	4.12792	1
cg01103748	MCF2L2	0.2923271	0.983472	1.01561	1.01561	0.8748602	1.777512	1.77751	0.3436515	0.8267183	-1.20971	0.2227	1.22777	1.22777	0.7237217	0.8172677	-1.22351	0.7043104	1.23686	1.23686	0.1248698	0.7133145	-1.40224	0.0740663	0.3229932	-3.03093	0.3576505	1.69395	1.69395	1.49078	1.54238	1.36941	1
cg06821641	PRKCZ;PRKCZ	0.2923231	0.589992	1.50603	1.50603	0.0241202	1.5711	1.5711	0.0309126	0.73594	0.73594	0.643911	1.41959	1.41959	0.672654	1.37697	1.37697	0.5543114	1.56866	1.56866	0.398013	1.91817	1.91817	0.682974	1.36218	1.36218	0.670791	1.37966	1.37966	1.49105	13.3799	7.97643	1
cg03153765	CBFA2T3;CBFA2T3	0.2923237	0.574193	0.602528	-1.65967	0.0251547	0.76158	0.76158	0.157059	1.85918	1.85918	0.7215572	0.72665	-1.37618	0.693165	0.70196	-1.42458	0.781062	0.779887	-1.28227	0.464127	0.5143222	-1.94431	0.407434	1.91505	1.91505	0.532603	0.568909	-1.75775	1.49103	18.8047	11.2105	1
cg18177682	FEA15	0.2923237	0.8387002	1.03948	1.03948	1.0200767	1.44609	1.44609	0.6432621	1.08691	1.08691	0.6556548	1.286661	-1.28666	0.6407911	1.01641	1.01641	0.3756358	1.36956	1.36956	0.2687507	1.355597	-1.16877	0.6776357	1.06189	1.06189	0.9122603	1.04707	1.04707	1.49102	0.4470247	0.2878208	1
cg01440514	NCAPD3;VPS26B;NCAPD3	0.2923245	0.27537	1.32506	1.32506	0.0634054	0.595856	-1.67826	0.217929	0.725088	-1.37914	0.737011	1.43282	1.43282	0.623891	1.13041	1.13041	0.7247204	0.91604	-1.09165	0.226081	0.7306571	-1.3686	0.931292	0.9788339	-1.02162	0.7526664	1.08157	1.08157	1.49101	1.45271	0.86606	1
cg26668895	C15orf28	0.2923246	0.300363	0.2545555	1.92484	0.0185857	0.9080777	-1.00123	0.5444855	1.5356	1.5356	0.2187151	0.9374725	-1.06673	0.2187151	0.9356193	1.06883	0.1166405	0.273469	-3.65627	0.0385354	0.6928284	1.5191	0.1962405	0.9948171	-1.00562	0.9340125	1.07657	1.07657	1.49101	2.11123	1.4295	0.83384	1
cg01443755	CNTN1;CNTN1	0.2923248	0.91714	1.06073	1.06073	0.6553368	0.310094	-3.22483	0.21945	0.20728	0.20728	0.132328	2.50318	2.50318	0.145762	0.8414574	1.18825	0.6992222	0.802569	-1.246	0.475901	0.6632206	-1.50783	0.321541	0.5598811	-1.78632	0.3397694	1.74605	1.74605	1.491	1.578	4.51779	1
cg00224911	RASSF6;RASSF6	0.2923249	0.3115533	2.14602	2.14602	0.1986733	2.69305	2.69305	0.6353344	1.45383	1.45383	0.329055	0.4796512	-2.08484	0.235257	2.47762	2.47762	0.229389	0.398564	-2.509	0.466415	0.5824319	-1.71698	0.588451	1.4895	1.4895	0.075595	4.23159	4.23159	1.49099	12.5615	7.48883	1
cg01696392	ALG8;ALG8	0.2923255	0.0635323	0.810166	-1.23408	0.1056566	0.9995829	-1.00016	0.3979995	1.21703	1.21703	0.4930417	0.8538446	-1.17117	0.1990894	0.7308261	-1.36832	0.21036	0.747125	-1.3496	0.171245	0.7182651	-1.39198	0.732652	1.08093	1.08093	0.8443662	0.956369	-1.04562	1.4907	1.12647	0.7252313	1
cg08530317	SLC6A5	0.2923256	0.567378	1.65292	1.65292	1.16079	0.227335	-4.39879	0.137666	0.249123	-4.01407	0.443382	1.97264	1.97264	0.678124	1.43738	1.43738	0.127273	0.238442	-4.19389	0.30794	0.399542	-2.50286	0.289191	2.6024	2.6024	0.46297	0.522315	-1.91455	1.49097	17.8458	10.6393	1
cg17488422	C1orf181;DDX20	0.2923258	0.423854	1.27446	1.27446	0.490455	1.401655	1.40165	0.9368686	1.04105	1.04105	0.7744394	0.8211485	-1.21788	0.4578914	0.5896	1.14705	1.14705	1.14705	1.14705	1.14705	1.14705	0.0586	0.545545	1.16662	1.16662	0.0162844	0.09616	2.09616	1.4907	1.4971	0.8284503	1
cg22385669	AQR	0.29226	0.774335	0.95675	-1.0452	0.319173	0.853562	-1.17156	0.0931414	0.752699	-1.32855	0.442482	1.12799	1.12799	0.596239	0.9210552	-1.08572	0.729141	1.05492	1.05492	0.044447	1.42618	1.42618	0.562024	0.913777	-1.09436	0.663964	0.934979	-1.06954	1.49096	10.5858	6.333019	1
cg20147326	LMO2;LMO2	0.2922607	0.0382792	0.202919	-4.92807	0.845101	1.13876	1.13876	0.692026	0.7676161	-1.30274	0.147578	0.356236	-2.80713	0.121385	0.327721	-3.05138	0.569106	0.682315	-1.4656	0.0800903	0.275297	-3.63244	0.461557	0.607796	-1.64529	0.262894	0.464892	-2.15104	1.49093	10.4198	6.21128	1
cg27288725	CYP4A11	0.2922276	0.1134661	1.29948	1.29948	0.5770331	0.4704766	2.10055	0.3814704	0.5942519	-1.68255	0.2183731	0.7114187	1.405775	0.2836505	0.5144889	1.94505	0.87607	0.959167	-1.04257	0.6907466	0.7931154	-1.26079	0.341216	0.5933	1.68569	0.5733023	1.32233	0.8603124	1.49093	0.7894	0.46903	1
cg25592746	SUT3;MIR585	0.2922286	0.8534377	0.96016	-1.04149	0.4999944	1.16244	1.16244	0.105035	0.6774557	-1.47651	0.135583	0.702141	-1.42422	0.546408	1.14361	1.14361	0.561121	1.13791	1.13791	0.187718	1.35923	1.35923	0.67115	0.9103585	-1.09844	0.1370557	0.7032416	-1.42204	1.49088	1.1412	0.6804004	1
cg19972558	PBSS12;PBSS12	0.2922659	0.1662532	1.46253	1.46253	0.4188503	0.528334	-1.85827	0.8830654	0.9407712	-1.06296	0.7337564	0.5407212	-1.84942	0.2984917	0.8178236	-1.22301	0.1978956	1.00149	1.00149	0.857737	0.9592	-1.04262	0.8477	0.4594	-2.17669	-1.1369	0.6627713	1.15134	1.47487	2.45444	1.49207	1
cg17499241	MEX3A HMGA1;HMGA1;HMGA1;HMGA1;HMG	0.2922924	0.305938	0.68983	-1.44963	0.787114	0.909538	-1.09946	0.601201	0.831325	-1.20289	0.106541	0.539394	-1.85393	0.194206	0.618094	1.61788	0.916235	0.963818	-1.03754	0.228774	0.403672	-2.47726	0.089546	0.995421	-1.0046	0.396562	1.55341	1.35541	1.49085	2.8972	1.72739	1
cg21234474	A1;HMGA1;HMGA1	0.2922934	0.824454	0.919136	-1.08798	0.492547	1.30283	1.30283	0.501668	1.2954	1.2954	0.166391	0.571169	-1.7508	0.047215	0.422394	-2.36746	0.367624	1.42085	1.42085	0.259018	0.639575	-1.56354	0.620081	1.20885	1.20885	0.2970119	0.663411	-1.50736	1.49085	3.40141	2.02802	1
cg11140778	MFSD10;C4orf10;MFSD10	0.2922937	0.4562118	0.8645137	-1.15669	0.385259	1.18619	1.18619	0.665292	1.08708	1.08708	0.9961005	0.9990604	-1.00094	0.60751	0.9054	-1.10448	0.410784	0.851004	-1.17508	0.0182199	0.57705	-1.73295	0.218072	0.77995	-1.28213	0.374487	0.839577	-1.19108	1.49084	0.8687784	0.517997	1
cg19475903	KCNK17;KCNK17	0.2922939	0.7809334	1.06292	1.06292	0.3981	1.36991	1.36991	0.1104808	0.8888888	0.92085	0.2577746	0.7008833	-1.42662	0.1334	0.6888888	0.92085	0.6056316	0.674665	-1.48222	0.2107599	0.3466551	-2.88529	0.1044322	0.6273059	0.674665	-1.48222	0.2107599	0.3466551	-2.88529	1.10814	1.49082	15.3206	8.606154	1
cg11540838	ZMIZ2	0.2923303	0.667211	1.11874	1.11874	0.105809	0.6324	-1.58128	0.2434453	0.728649	-1.3724	0.8588	1.04727	1.04727	0.368441	0.780934	-1.27075	0.8735442	0.959527	-1.04218	0.0201043	0.4832204	-2.06952	0.849564	0.951941	-1.05049	0.947965	1.01707	1.01707	1.49082	1.58851	0.947133	1
cg22885573	KY	0.2923307	0.531435	1.402987	-1.24042	0.7175282	0.6629	-1.51007	0.8553488	1.28838	1.28838	0.8213775	0.726986	-1.37554	0.6910149	0.6944244	-2.02043	0.3660535	0.269166	-3.71516	0.1837905	0.6950584	-1.43868	0.969697	1.05515	1.05515	0.0126545	0.7939885	0.79885	1.49082	47.1547	28.1156	1
cg20663813	ZNF704	0.2923305	0.636937	0.70825	-1.07805	0.72307	0.664309	-1.50566	0.8113881	0.6697515	-1.4948	0.8629477	1.05625	1.05625	0.9501653	1.38074	1.38074	0.7215761	-1.1498	0.8629477	1.05625	1.05625	1.38074	1.38074	0.1502562	0.6456174	0.374347	0.8627229	-1.15931	1.40822	0.5899999	0.351782	1
cg08401743	MIR33A;SREBF2	0.2923306	0.6786654	0.928371	-1.07716	0.529964	0.892699	-1.1202	0.777041	0.950613	-1.05195	0.775421	0.950252	-1.05235	0.007792	0.5436446	-1.83943	0.874694	0.972238	-1.02855	0.791531	1.04839	1.04839	0.87057	1.02952	1.02952	0.504698	0.886241	-1.12836	1.49082	0.7514466	0.4480444	1
cg19717242	LASS3	0.2923312	0.924553	0.907995	-1.10095	0.6045	0.8733666	-1.14529	0.7507056	0.9744	-1.02631	0.9207856	0.9549602	-1.04722	0.5538828	0.8298564	-1.20512	0.9744	-1.02631	0.9207856	0.9549602	-1.04722	0.5538828	0.8298564	-1.20512	0.9744	-1.02631	0.9207856	0.9549602	-1.04722	0.5538828	0.8298564	-1.20512	1.49082	0.8008381	0.6472545	1
cg23335976	SLC39A12;SLC39A12	0.2923315	0.306944	0.525357	-1.90347	0.6770323	0.287776	-3.47492	0.0443384	0.243317	-4.10987	0.684645	0.280209	1.28209	0.153662	0.394687	-2.53365	0.272542	0.499061	-2.00376	0.760836	0.8304401	-1.20418	0.990549	1.00723	1.00723	0.801068	1.16608	1.16608	1.49079	8.74401	5.21419	1
cg12581730	DLL1	0.2923315	0.466087	0.8820185	-1.13375	0.15415	0.771509	-1.297	0.8608813	1.03377	1.03377	0.9670744	1.00784	1.00784	0.937005	0.9851547	-1.01508	0.2919207	0.812662	-1.23052	0.0227084	1.67583	1.67583	0.991252	1.00208	1.00208	0.6065557	0.909636	-1.10334	1.49079	0.8462205	0.5045533	1
cg01968657	RYR2	0.2923325	0.647859	0.794561	-1.25105	0.465506	1.51653	1.51653	0.1218	0.7555	1.32397	0.2484	2.49241	2.49241	0.549378	0.714251	-1.40007	0.4554453	0.554978	1.80229	0.1102317	0.2223206	0.4504416	-2.03908	0.1544529	0.505138	-1.97985	0.0639331	1.17966	1.17966	0.9062911	1.06761	1.06761	1.49079	7.28635	4.54452	1
cg04448376	UTY;UTY;UTY;UTY;UTY;UTY	0.2923516	0.328083	2.24648	2.24648	?	?	0.5119225	1.6828	0.7384155	1.35396	0.4129354	0.171147	0.826585	0.0205511	0.3144881	3.05655	0.36419	2.10941	2.10941	0.308475	0.429145	2.33022	0.764114	0.7875575	-1.26972	0.523451	1.57365	1.67365	1.59848	13.465	6.31773	1
cg20656975	AD1	0.2926099	0.1878707	0.6730331	1.48577	0.2700331	0.4760666	-2.10055	0.3814704	0.5942519	-1.68255	0.2183731	0.7114187	1.405775	0.2836505	0.5144889	1.94505	0.2727981	0.620212	-1.61255	0.2429368	0.644785	1.55047	0.1644281	0.6693411	-1.44215	0.0914474	0.6995974	1.00404	1.00404	1.49078	0.4555	0.31284	1
cg03580557	NADSYN1;NADSYN1	0.2923328	0.654781	1.05347	1.05347	0.980666	1.00281	1.00281	0.273623	1.14093	1.14093	0.196875	0.853936	-1.17105	0.48288	1.08603	1.08603	0.6612044	0.783387	-1.27651	0.740631	1.03919	1.03919	0.0986819	0.810945	-1.23313	0.721459	0.959418	-1.0423	1.49074	0.3162222	0.188554	1
cg09037225	CAIA2	0.2923329	0.806329	0.95205	-1.05037	0.996154	0.999037	-1.00096	0.337944	1.21824	1.21824	0.34018	0.821653	-1.21706	0.367449	1.20323	1.20323	0.6879799	0.686412	-1.45685	0.148242	0.733504	-1.36332	0.936664	1.01601	1.01601	0.1354433	1.37931	1.37931	1.49071	0.942831	0.562197	1
cg07029411	RCH2	0.2923351	0.981184	0.982976	-1.01732	0.418857	1.51578	1.51578	0.589239	1.48721	1.48721	0.886635	0.252083	-3.96694	0.819889	0.8470044	-1.18063	0.544029	1.56382	1.56382	0.258615	2.35889	2.35889	0.678273	1.3549	1.3549	0.591067	0.673738	-1.48426	1.49067	12.5158	7.46316	1
cg06289735	ABCC5P1	0.2923358	0.257125	1.68059	1.68059	0.45754	1.39212	1.39212	0.0536065	2.65148	2.65148	0.398358	1.46	1.46	0.182896	1.86265	1.86265	0.593307	0.967337	-1.03377	0.0416737	2.84982	2.84982	0.239593	1.71743	1.71743	0.8351	0.913092	-1.09518	1.53624	4.52945	2.2932	1
cg13999433	AKNA	0.2923366	0.122117	1.438086	-1.28265	0.2826	0.5005514	1.66078	0.3107356	0.8414478	-1.23762	0.189996	0.4004729	-1.98126	0.0994929	0.5004729	-1.99811	0.6746352	0.4632	-2.15876	0.1799596	0.4944192	-2.06529	0.2007315	0.5839535	-1.71262	0.1767612	0.49466	-2.02159	0.4606153	1.49067	0.9428384	0.5182	1
cg24328676	EGFL8	0.2923375	0.826144	1.03811	1.03811	0.823833	1.03864	1.03864	0.886196	0.9759944	-1.02465	0.116536	1.3364	1.3364	0.133762	1.31651	1.31651	0.21521	1.24835	1.24835	0.84703	1.03338	1.03338	0.831612	1.03687	1.03687	0.6024857	0.697477	-1.43374	1.4906	0.6825257	0.407037	1
cg26293369	KIAA1244	0.2923383	0.5713324	0.8666	-1.15383	0.3788	0.8577153	-1.16605	0.7115284	0.9598448	-1.04178	0.7257265	0.8537777	-1.17127	0.3010108	0.5611555	1.78257	0.1158168	0.683823	-1.46268	0.3475	0.6954949	1.43775	0.1695493	1.69549	0.9232375	0.9744616	-1.02626	0.7078787	1.08061	1.08061	1.49073	1.0189	0.6855	1
cg08897337	C10orf137	0.2923384	0.647272	1.06999	1.06999	0.489173	0.901968	-1.10869	0.0837098	1.32457	1.32457	0.680993	0.941101	-1.06258	0.0836211	0.7548887	1.3247	0.2206533	0.827711	-1.20815	0.493834	0.902996	-1.10743	0.412815	0.8843033	-1.13083	0.418574	1.12905	1.12905	1.49057	0.5090093	0.303593	1
cg09041207	FBXO31;FBXO31	0.2923392	0.566524	0.868698	-1.15115	0.87203	1.03994	1.03994	0.210173	1.37826	1.37826	0.995275	1.00144	1.00144	0.102408	1.5446	1.5446	0.0569083	1.68788	1.68788	0.49625	1.18274	1.18274	0.917103	0.975023	-1.02562	0.073788	1.62286	1.62286	1.49055	1.39335	0.830928	1
cg08076462	KLHDC4	0.2923393	0.391615	0.750183	-1.33301	0.786039	1.0932	1.0932	0.204503	1.55034	1.55034	0.122647	0.578217	-1.72945	0.848516	1.06463	1.06463	0.2238896	0.658075	-1.51958	0.172272	1.60926	1.60926	0.399262	1.32658	1.32658	0.2404491	1.49547	1.49547	1.49054	2.53169	1.50978	1
cg18766882	TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1	0.2923395	0.471272	1.18089	1.18089	0.516564	1.16092	1.16092	0.652184	1.10843	1.10843	0.949086	0.985616	-1.01459	0.271753	1.29637	1.29637	0.8148	0.948156	-1.05468	0.0796735	0.6432014	-1.55473	0.471047	0.846747	-1.18099

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	Ratio(111 vs. N)	Fold-Change(111 vs. N)	Ratio(112 vs. N)	Fold-Change(112 vs. N)	Ratio(121 vs. N)	Fold-Change(121 vs. N)	Ratio(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	p-value(347 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Error)
cg04397137	TIMP2	0.292703	0.31239	2.08226	0.21826	0.888343	0.90041	-1.11061	0.62246	0.60932	-1.4486	0.350351	0.104772	2.04772	0.21868	2.62769	0.2627	0.118993	3.53803	3.53803	0.0760288	4.36813	4.36813	0.0610558	4.83739	4.83739	0.285856	2.28808	2.28808	1.48958	13.1557	7.85052	1
cg07337544	KCNIP3;KCNIP3	0.29271	0.815678	0.946574	-1.05644	0.153253	1.43275	1.43275	0.655184	0.899704	-1.11148	0.895578	1.03136	1.03136	1.03136	1.728789	1.47106	1.47106	0.08116373	1.57557	1.57557	0.0495987	1.69341	1.69341	0.418079	1.21479	1.21479	0.625749	1.12252	1.12252	1.48555	1.30433	0.778355	1
cg08386886	BRCA1;BRCA1;BRCA1;BRCA1;BRCA1;NBR2;BRCA1;R2;BRCA1	0.292714	0.283077	1.2194	1.2194	0.598349	0.909792	-1.09915	0.440945	0.869569	-1.14999	0.0753767	0.703223	-1.42202	0.168281	0.77019	-1.29838	0.714893	0.936836	-1.06742	0.102938	0.728122	-1.3734	0.278775	0.818503	-1.22174	0.136513	0.7518	-1.33014	1.48554	0.746162	0.445274	1
cg18467645	PRKAR1B;HEATR2;PRKAR1B;PRKAR1B	0.29272	0.717177	1.06306	1.06306	0.246754	1.22582	1.22582	0.171989	1.27688	0.179976	0.78711	-1.27047	0.35699	0.17264	1.17264		0.542638	0.901583	-1.10916	0.236168	0.811655	-1.23205	0.415561	0.86945	-1.15015	0.165969	1.28191	1.28191	1.48952	0.6667	0.39786	1
cg09988853	KCNC3	0.292723	0.35971	0.720008	-1.38887	0.490198	0.783104	-1.27697	0.243883	1.53007	1.53007	0.140073	0.574774	-1.73981	0.505611	1.26569	1.26569	0.41914	0.749791	-1.33371	0.128926	1.77247	1.77247	0.172832	0.602875	-1.65872	0.696867	1.14632	1.14632	1.48951	2.87055	1.71304	1
cg15700020	DDI2	0.292727	0.505587	0.930543	-1.07464	0.0763007	1.23188	1.23188	0.565713	1.06383	1.06383	0.589547	0.943609	-1.05976	0.232099	0.87498	-1.14288	0.760815	0.967986	-1.03307	0.127259	0.838826	-1.19214	0.354202	0.880836	-1.13528	0.379223	1.10091	1.10091	1.4895	0.267915	0.159883	1
cg13593479	PPARGC1B	0.292729	0.237784	0.834884	-1.19777	0.985387	1.00268	1.00268	0.831457	0.569322	-1.03165	0.0584809	0.732014	-1.36609	0.189673	0.816504	-1.22473	0.0941471	1.30808	1.30808	0.481044	0.900759	-1.11018	0.704194	0.945858	-1.05724	0.448814	1.803477	-1.11922	1.4895	0.502351	0.299789	1
cg10774155	VKORC1L1	0.292736	?	?	?	0.627386	1.52905	1.52905	?	?	?	0.168105	3.89491	3.89491	0.175382	0.264349	-3.78288	?	?	?	?	?	?	?	?	?	0.606754	1.5702	1.5702	1.79324	8.14191	4.54033	1
cg29523359	TCERG1L	0.292743	0.853399	1.04538	1.04538	0.0764455	0.954243	0.954243	0.0365081	0.553612	-1.80632	0.0175209	0.0564154	0.564796	0.0175209	0.564796	-1.77047	0.287902	1.30791	1.30791	0.166866	0.41324	2.41989	0.0770626	0.931346	-1.07372	0.619895	0.885464	-1.12955	1.48951	1.99621	0.833245	1
cg04021672	C9orf25	0.292749	0.824635	1.09076	1.09076	0.2298331	2.71997	2.71997	0.0837682	2.11507	2.11507	0.440533	1.36056	1.36056	0.759252	1.12786	1.12786	0.848664	0.927948	-1.07765	0.771508	0.892274	-1.12073	0.774729	0.894017	-1.11742	0.133377	1.88469	1.88469	1.48943	3.61444	2.15709	1
cg23108728	TUBA4B;TUBA4A	0.292755	0.348628	2.42373	2.42373	0.0397274	2.47907	2.47907	0.215948	3.12112	3.12112	0.0741857	6.25879	6.25879	0.688833	1.44928	1.44928	0.227663	3.23135	3.23135	0.765555	0.759078	-1.31739	0.0368733	0.342658	0.545459	3.910156	3.910156	1.48943	20.0426	11.5614	1
cg24130715	CCDC85A	0.292756	0.737917	0.803624	-1.24436	0.925816	1.0625	1.0625	0.0149198	0.201845	-4.95431	0.991817	1.0067	1.0067	0.419236	0.584326	-1.71137	0.55738	0.679561	-1.47154	0.094337	1.31102	1.31102	0.505913	1.55179	1.55179	0.556384	1.47301	1.47301	1.48941	9.99725	5.96642	1
cg18473455	SNAR-E	0.292768	0.63952	0.718154	-1.39246	0.0760052	3.99781	3.99781	0.18964	0.373173	-2.6513	0.371473	0.525179	-1.90411	0.448835	0.581775	-1.71888	0.633031	1.40299	1.40299	0.257046	2.29373	2.29373	0.35351	0.511724	-1.95418	0.235225	0.41765	-2.39435	1.48937	1.61484	0.93409	1
cg11190494	NEURL1B	0.292771	0.206614	0.47476	-2.10537	0.123429	0.322128	-3.10435	0.0477023	0.25395	-3.93795	0.442628	0.514718	1.58594	0.442628	1.58594	0.190084	0.383972	2.56531	2.56531	0.0240547	0.584261	-1.71156	0.360662	1.80256	1.80256	0.738688	0.796705	-1.25517	1.48936	10.8701	6.48756	1
cg23156509	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440083	9	0.292774	0.117402	5.96686	5.96686	0.317151	1.00156	1.00156	0.2193206	3.88498	3.88498	0.645104	1.6276	1.6276	0.117537	5.96227	5.96227		0.880031	1.17191	1.17191	0.0496525	10.5072	10.5072	0.0890919	7.16625	7.16625	0.211351	3.98691	3.98691	1.48935	29.4995	26.0213	15.5303	1
cg20994083	NUMA1	0.292783	0.192736	0.876903	-1.14038	0.390209	1.08752	1.08752	0.13227	1.16741	1.16741	0.713388	1.03338	1.03338	0.562187	0.94564	-1.05748	0.71783	0.966012	-1.03518	0.053396	0.811325	-1.23255	0.415561	0.86945	-1.15015	0.165969	1.28191	1.28191	1.48952	0.6667	0.39786	1
cg06497955	SALL1;SALL1	0.292784	0.690164	0.757909	-1.31942	0.0431483	5.00018	5.00018	0.0686186	4.09612	4.09612	0.82672	0.859277	-1.16377	0.713385	1.29073	1.29073	0.648528	0.727995	-1.37364	0.608633	1.4294	1.4294	0.895464	0.913072	-1.0952	0.259816	0.443459	-2.255	1.48932	11.288	6.73711	1
cg12465518	SCARNA20;LSP32	0.292792	0.878344	1.07516	1.07516	0.446414	0.956147	-1.04559	0.783546	0.847975	-1.13899	0.248876	1.76706	1.76706	0.714198	0.838696	-1.19204	0.173755	1.98097	1.98097	0.119719	2.21983	2.21983	0.0549351	2.80396	2.80396	0.213354	1.85703	1.85703	1.4893	5.26275	3.14108	1
cg20311251	CALHM1	0.292794	0.114491	0.230931	-4.3303	0.913705	1.09697	1.09697	0.202524	0.317041	-3.15416	0.159142	0.276723	-3.61372	0.215543	0.0947464	-10.5545	0.502342	0.559191	-1.7883	0.574266	0.615928	-1.62357	0.725736	0.740296	-1.35081	0.279408	0.38285	-2.61199	1.48929	17.1938	10.2622	1
cg22240998	ITPR1;ITPR1;ITPR1	0.292803	0.357064	0.650926	-1.53622	0.218474	0.578404	0.578404	-1.7289	0.0215995	4.6385	0.0576597	1.38473	1.38473	0.704507	0.459386	-2.17007	0.0192762	2.37168	2.37168	0.0277169	0.422115	2.36911	0.0371447	0.559418	-1.78802	0.0436504	0.907455	1.10198	1.48926	4.58551	2.82871	1
cg17014009	CACNB4;CACNB4;CACNB4	0.292808	0.0441575	1.39201	1.39201	0.385386	0.880474	-1.13575	0.623838	0.931737	-1.07326	0.513233	0.909512	-1.09949	0.66936	0.940403	-1.06337	0.517856	1.09832	1.09832	0.132699	0.792894	-1.2612	0.554667	0.918071	-1.08924	0.346799	1.14864	1.14864	1.48925	0.482615	0.288058	1
cg05298510	USP10	0.292808	0.650656	0.747808	-1.33724	0.808453	0.856569	-1.16745	0.382318	0.564885	-1.77027	0.552225	1.46571	1.46571	0.325155	0.748821	-1.33543	0.217946	2.84851	2.84851	0.0338196	0.45328	2.46535	0.205255	2.34467	2.34467	0.258185	2.12143	2.12143	1.48925	9.58435	5.72062	1
cg13007671	PDCD2;PDCD2	0.29282	0.50429	0.930302	-1.08055	0.0420597	1.58051	1.58051	0.520241	1.09197	1.09197	0.0671595	1.90557	1.90557	0.402643	1.12551	1.12551	0.990979	0.984641	-1.00156	0.912757	0.791297	-1.26056	0.218556	1.19559	1.19559	0.99978	1.00004	1.00004	1.48921	0.449444	0.268267	1
cg08698718	INHA;OBSL1	0.292826	0.157673	0.561808	-1.77997	0.28486	0.654445	-1.52801	0.660268	0.844669	-1.1839	0.360272	0.698405	-1.43183	0.300973	0.664205	-1.50535	0.462194	0.75153	-1.33062	0.0142673	0.315546	-3.16911	0.212072	0.60552	-1.65147	0.289412	0.657257	-1.52147	1.48919	3.43537	2.05055	1
cg20546173	RTC	0.292826	0.964709	0.981465	-1.01849	0.233892	0.775817	-1.28896	0.324388	0.719746	-1.38956	0.323677	1.03742	1.03742	0.409268	1.13734	1.13734	0.64803	0.91492	-1.09288	0.326622	0.839945	-1.19061	0.355904	0.83988	-1.19061	0.320071	0.652887	1.53274	1.51274	0.49819	0.882569	0.5368	1
ch.15.3745898	THBS1	0.292829	0.379014	0.571107	-1.75098	0.711341	0.79197	-1.25949	0.0804909	0.33112	-3.33112	0.126121	0.358011	-2.79321	0.77738	0.838669	1.19237	0.33609	0.85084	-1.17509	0.0466502	0.314206	3.18179	0.0134039	0.367793	-2.72633	0.880579	0.917391	-1.09005	1.48918	0.0863	0.42358	1
cg06157561	PCYT1B;PCYT1B	0.292833	0.227846	0.342458	-2.92006	0.0648124	0.172802	-5.78697	0.513936	0.571005	-1.7513	0.805335	0.811367	-1.23249	0.105193	0.22342	-4.47588	0.134047	0.25464	-3.92711	0.0570874	0.161635	-6.18678	0.472605	0.538848	-1.85581	0.899732	1.11262	1.11262	1.48917	16.9025	10.0891	1
cg20447301	RBM33	0.292836	0.908302	1.01154	1.01154	0.887756	1.31453	1.5145	0.146	0.766813	-1.30438	0.908878	1.00921	1.00921	0.0511507	1.00921	1.00921	0.153117	0.712716	-1.40339	0.167	0.76515	-1.30686	0.176	0.812008	1.02808	0.657608	1.10324	1.10324	0.658827	1.1028	0.671	0.683222	1
cg03269060	RARRES1;RARRES1;RARRES1;RARRES1	0.292841	0.515926	0.601928	-1.66133	0.965236	1.03416	1.03416	0.817806	0.83709	-1.19461	0.568462	0.641331	-1.55926	0.237621	0.385444	2.59441	0.0132625	0.0939322	-10.646	0.246117	0.392684	-2.54656	0.947847	1.0517	1.0517	0.584133	1.53107	1.53107	1.48914	14.006	8.36038	1
cg02207200	SLC7A2	0.292849	0.292988	0.53769	-1.85981	0.268767	1.92534	1.92534	0.919449	0.944091	-1.05922	0.787579	1.16604	1.16604	0.0261045	0.2228818	-4.48796	0.361778	0.586741	-1.70433	0.453502	0.647716	-1.54389	0.187914	0.452193	-2.21145	0.48758	0.669569	-1.4935	1.48912	7.62924	4.55406	1
cg16341159	DLG4;DLG4	0.292856	0.858278	1.03997	1.03997	0.537313	0.872005	-1.14678	0.0143816	1.93777	1.93777	0.855521	1.04077	1.04077	0.756131	0.933973	-1.07069	0.377915	1.21941	1.21941	0.467403	0.849458	-1.17722	0.612888	0.89416	-1.11837	0.660959	0.907763	-1.10161	1.4891	1.13185	0.676827	1
cg25422051	C11orf68;C11orf68	0.292857	0.051725	1.07107	1.07107	0.0243574	0.674747	0.674747	-1.48206	0.140466	7.1289	0.0232155	1.28882	1.28882	0.0741432	0.775582	1.34473	0.0192762	2.37168	2.37168	0.0277169	0.422115	2.36911	0.0371447	0.559418	-1.78802	0.0436504	0.907455	1.10198	1.48926	4.58551	2.82871	1
cg24691042	UBTD2	0.292863	0.117577	0.145106	-6.89149	0.503762	0.462771	-2.16089	0.93447	0.910838	-1.09789	0.364356	0.346948	-2.88228	0.107244	0.135791	-7.36424	0.210861	0.223761	-4.46905	0.0447942	0.0751096	-13.6781	0.109979	0.138275	-7.23194	0.216425	0.228274	-4.3807	1.48908	30.4163	18.1567	1
cg26109154	KIF26B	0.292865	0.082856	1.30494	1.30494	0.0526202	0.649499	-1.06559	0.864665	0.736075	1.26075	0.671595	0.607195	-1.64661	0.671595	0.607195	-1.64661	0.316251	1.23103	1.23103	0.438639	0.810952	1.23341	0.467826	0.821857	1.21705	0.0762586	0.742586	1.48406	47.1512	24.4648	1
cg16236270	MCM7;MCM7	0.292872	0.248043	0.229836	-4.35094	0.19871	0.219333	-5.2265	0.849464	1.25996	1.25996	0.570195	0.310563	-3.21995	0.0923939	0.105628	9.46715	0.289984	0.262566	-3.80856	0.0671595	0.0822358	-12.1602	0.0607125	0.0761823	-13.1264	0.302336	0.272249	-3.6731	1.48905	14.9646	20.8721	1
cg21999614	CCDC160	0.292878	0.238053	0.252608	-3.9587	0.10506	0.139201	-7.18384	0.206206	0.226631	-4.41246	0.128828	0.21712	6.21712	0.21712	0.43702	0.413659	-2.41745	0.142401	0.172809	-5.78673	0.834936	1.2615	1.2615	0.67381	1.60212	1.60212	0.890124	0.857371	-1.16636	1.48903	29.2299	17.449	1
cg02156570	PLXNA2	0.292884	0.191155	0.164543	-6.07641	0.0193392	0.409309	-2.44209	0.0836405	0.154865	-6.45766	0.751615	0.383017	-2.61033	0.751615	0.383017	-2.61033	0.249467	0.47658	-2.09888	0.0248205	0.0228693	-43.7258	0.0228693	0.0228693	-43.7258	0.0228693	0.0228693	-43.7258	1.48903	1.12092	1.62059	0.489891	0.407183	1
cg05481452	BEST1;BEST1;BEST1;BEST1	0.292884	0.383534	0.703332	-1.4218	0.0634845	0.439618	-2.2747	0.323995	0.627211	-1.48652	0.768621	1.1232	1.1232	0.372257	0.697125	-1.43446	0.111717	0.505486	-1.97829	0.46942	0.747105	-1.3385	0.707687	0.459572	-2.17594	0.4469	1.35707	1.35707	1.48901	3.6581	2.18376	1
cg07792478	MR1;24-2	0.292885	0.083824	4.57322	4.57322	0.0187474	2.19387	2.19387	0.0833063	1.38676	1.38676	0.423632	1.91882	1.91882	0.669588	0.70504	-1.41836	0.0906979	0.984641	-1.00156	0.912757	0.791297	-1.26056	0.218556	1.19559	1.19559	0.99978	1.00004	1.00004	1.48921	0.449444	0.268267	1
cg27406676	NKX6-1	0.292886	0.400864	0.762955	-1.31069	0.916932	1.03224	1.03224	0.814047	0.928546	-1.07695	0.318188	1.38351	1.38351	0.0618121	0.51593	-1.93825	0.133857	1.73166	-1.36395	0.0501401	0.495249	-2.01919	0.803209	0.924445	-1.08173	0.550511	1.20931	1.20931	1.48901	2.33463	1.3937	1
cg26607867	SCOS;SCOS	0.292886	0.754624	0.752566	-1.32879	0.0498852	0.753815	0.753815	0.0641111	0.58765	-1.70125	0.751615	1.30157	1.30157	0.307263	0.413552	-2.41923	0.784235	1.25773	1.25773	0.425741	0.795005	-1.25757	0.886777	0.979723	-1.02113	0.945446	1.3546	0.740924	-1.35031	1.4891	16.4613	9.82691	1
cg05971966	PTGER4	0.292893	0.417949	0.82626	-1.21006	0.650222	1.78372	1.78372	0.0441771	1.97335	1.97335	0.675917	0.586863	1.70397	0.586863	1.70397	0.0644163	0.190313	1.90313	1.90313	0.0766253	1.14139	1.14139	0.380524	1.32769	1.32769	0.0244489	0.79188	0.79188	1.48917	1.2841	1.2841	1.48898	17.897	12.6236
cg07520269	DLG2;DLG2;DLG2	0.292893	0.103399	0.301251	-3.31949	0.591297	1.44068	1.44068	0.0415075	4.87136	4.87136	0.351775	1.90689	1.90689	0.832621	1.15322	1.15322	0.273817	2.15341	2.15341	0.959462	0.966341	-1.03483	0.912391	0.928547	-1.07695	0.312224	2.02214	2.02214	1.48898	10.6997	6.38766	1
cg20437668	LRPAP1	0.292902	0.12142	0.503183	-1.98645	0.0836546	1.99571	1.99571	0.328505	1.1689	1.1689	0.26443	0.902031	1.10825	0.26443	0.902031	1.10825	0.0768724	1.46355	1.46355	0.0417053	0.763113	-1.31043	0.963792	0.924241	-1.08145	0.0910407	-1.09841	1.48897	0.54209	0.90551	1
cg03129134	IARS2	0.292898	0.670476	0.799415	-1.25092	0.0236847	0.10699	-4.10699	0.165961	2.16568	2.16568	0.99598	1.00264	1.00264	0.299199	0.569613	-1.75558	0.646192	1.2735	1.2735	0.341407	1.66993	1.66993	0.764155	1.17045	1.17045	0.698934	0.816047	-1.22542	1.48897	0.45188	3.85166	1
cg03172685	MRPL12	0.292901	0.676598	0.947294	-1.06068	0.188552	1.13182	1.13182	0.0376456	1.1234	1.1234	0.0805986	0.763755	-1.31276	0.727021	1.05945	1.05945	0.138644	1.2509	1.2509	0.861599	1.02485	1.02485	0.109665	0.782777	-1.2775	0.669382	1.06218	1.06218	1.48896	0.460047	0.277627	1
cg10062395	HCN2	0.292904	0.467563	2.23047	2.23047	0.366825	0.365632	-2.73499	0.747302	1.42026	1.42026	0.184607	2.62553	2.62553	0.0713923	0.112446	-8.89312	0.77404	1.36494	1.36494	0.292787	2.26896	2.26896	0.0810588	1.122555	-8.15961	0.682817	0.640263	-1.56186	1.48895	27.7745	16.5811	1
cg03451607	AKR1B15	0.292905	0.932127	0.981542	-1.0188	0.90751	1.02766	1.02766	0.247826	0.767788	-1.30244	0.813236	0.949555	-1.05312	0.262073	0.774326	-1.29145	0.347622	0.803969	-1.23553	0.0242573	1.79931	1.79931	0.376227	1.06431	1.06431	0.614122	0.894767	-1.11761	1.48894	1.12798	0.673394	1
cg07209550	CMYA5	0.292909	0.137786	0.49696	-2.01377	0.0413474	0.240798	0.240798	-4.15292	0.134632	-7.42635	0.143365	0.606636	1.64932	0.606636	1.64932	0.209331	0.610359	1.63892	1.63892	0.0495531	0.645221	1.54942	0.213004	0.299607	3.33847	0.0124866	0.149485	1.34984	1.50516	1.63693	0.707975	0.421543	1
ch.4.2906511	TMEM144	0.292911	0.203124	0.351218	-2.84723	0.0438273	0.164559	-6.07686	0.0699132	0.206298	-4.84737	0.119252	0.267995	-3.73141	0.493086	0.581503	-1.71968	0.926082	1.07495	1.07495	0.517876	0.600145	-1.66626	0.675431	0.720384	-1.38815	0.65306	1.4225	1.4225	1.48893	14.3044	8.53969	1
cg04440651	SREBF1;SREBF1	0.292919	0.249409	1.9646	1.9646	0.225972	1.24205	1.24205	0.981458	1.00397	1.00397	0.436704	0.873479	-1.14485	0.178284	1.27611	1.27611	0.324712	1.18932	1.18932	0.0242715	1.1277	1.1277	0.364786	0.995347	-1.00468	0.972284	1.06259	1.06259	1.48891	0.68539	0.407183	1
cg04626028	UTP14A;UTP14A	0.29297	0.390701	1.71923	1.11923	0.746404	1.02444	1.02444	0.657432	0.944431	-1.05884	0.224912	0.849349	-1.17737	0.224912	0.849349	-1.17737	0.839233	0.979326	-1.02111	0.770093	0.614824	-1.62651	0.183595	1.4193	0.53612	0.856018	-1.1682	0.445555	1.21289	1.21289	1.48874	0.4525	0.867247	1
cg09698220	C7orf50;C7orf50;C7orf50	0.29297	0.100349	2.98498	2.98498	0.240177	2.11086	2.11086	0.365835	1.75845	1.75845	0.250948	2.07244	2.07244	0.123141	2.75843	2.75843	0.964785	1.02822	1.02822	0.319289	0.522696	-1.91316	0.729107	1.24501	1.24501	0.732749	0.805692	-1.24117	1.4889	9.36927	5.59355	1
cg20382284	PIK3CB	0.292924	0.854885	1.04553	-1.05324	0.4855	1.39571	1.39571	0.285025	1.1689	1.1689	0.26443	1.90203	1.90203	0.0613748	0.526017	1.9007	0.0768724	1.46355	1.46355	0.0417053	0.763113	-1.31043	0.963792	0.924241	-1.08145	0.0910407	-1.09841	1.48897	0.54209	0.90551	1
cg00077457	ZNF326;LOC492303;ZNF326	0.292927	0.243394	1.47773	1.47773	0.283611	1.42816	1.42816	0.64287	1.15827	1.15827	0.123607	1.705	1.705	0.605611	0.846506	-1.18133	0.344104	1.36585	1.36585	0.300441	1.40956	1.40956	0.115093	0.573369	-1.74408	0.374769	0.74718	-1.33837	1.48888	2.41345	1.44088	1
cg22084460	CACNA1A;CACNA1A	0.292936	0.970343	1.03284	1.03284	0.751388	0.914053	-1.09381	0.0139801	1.12222	1.12222	0.104794	1.527	1.527	0.0407065	1.75763	1.75763	0.916547	0.975283	-1.02534	0.776482	0.812182	1.07022	1.07022	0.876409	-1.14102	0.624384	0.827292	-1.20876	1.48885	0.42885	0.242585	1
cg01865609	RNF165	0.292953	0.707327	0.854267	-1.17059	0.04452	0.381555	-2.62085	0.255076	0.608822	-1.64252	0.395083	1.43871	1.43871	0.27767	0.624091	-1.60233	0.612038	1.23811	1.23811	0.563463	0.783556	-1.27623	0.070242	0.429499	-2.32829	0.689972	0.845821	-1.18228	1.4888	4.11229	2.45525	1
cg01948914	SH3D20	0.292955	0.083539	0.652443	-1.5327	0.0614032	0.625128	-1.59967	0.691066	1.09313	1.09313	0.109796	0.678001	-1.47493	0.3141	0.800851	-1.24867	0.102088	0.671073	-1.49015	0.659246	0.905811	-1.10398	0.329736	0.799138	-1.25135	0.449254	0.842071	-1.18755	1.48879	1.17177	0.699611	1
cg01140244	PAPPSA	0.292966	0.125133	0.49696	-2.01377	0.0413474	0.240798	0.240798	-4.15292	0.134632	-7.42635	0.143365	0.606636	1.64932	0.606636	1.64932	0.209331	0.610359	1.63892	1.63892	0.0495531	0.645221	1.54942	0.213004	0.299607	3.33847	0.0124866	0.149485	1.34984	1.50516	1.63693	0.707975	0.421543	1
cg12196570	KIAA1409	0.292967	0.394423	2.06618	2.06618	0.445781	0.523814	-1.90907	0.901105	0.90174	-1.10897	0.667321	1.43298	1.43298	0.322516	0.427327	-2.34013	0.0363001	7.57608	7.57608	0.733164	0.752241	-1.32936	0.0972111	4.54635	4.54635	0.854524	1.16497	1.16497	1.48875	16.3202	9.74428	1
cg14440651	SREBF1;SREBF1	0.292969	0.418462	0.626216	1.59706	0.0256212	1.23404	1.23404	0.644826	1.23633	0.719807	0.41581	2.1181	2.1181	0.384286	0.614403	-1.62703	0.367995	1.65942	1.65942	0.0922758	1.1277	1.1277	0.364786	0.995347	-1.00468	0.972284	1.06259	1.06259	1.48875	0.70783	0.42327	1
cg04620228	UTP14A;UTP14A	0.29297	0.298301	0.765133	-1.30696	0.992125	1.00245	1.00245	0.849195	0.953852	-1.04838	0.0980517	1.56897	1.56897	0.193923	0.979326	-1.02111	0.0778093	0.641814	-1.62651	0.183595	1.4193	0.53612	0.856018	-1.1682	0.445555	1.21289	1.21289	1.48874	0.4525	0.867247	1
cg09698220	C7orf50;C7orf50;C7orf50	0.29297	0.100349	2.98498	2.98498	0.240177	2.11086	2.11086	0.365835	1.75845	1.75845	0.250948	2.07244	2.07244	0.123141	2.75843	2.75843	0.122669	2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg07586489	KREMEN2;KREMEN2	0.293198	0.13679	0.614119	0.5119	0.157659	1.47647	1.47647	0.8516	0.952848	-1.04948	0.121606	1.5416	1.5416	0.431202	0.813861	1.23222	1.23222	0.650002	0.888862	-1.12503	0.125496	0.652053	1.53382	0.8834974	1.03855	1.03855	0.679777	0.898486	1.012598	1.48803	1.56753	0.936376	1
cg26469821	SNTB2	0.293201	0.974156	0.950026	-1.005	0.404136	1.14042	1.14042	0.581135	1.08956	0.480097	1.11683	1.11683	0.721398	1.05666	1.05666	0.116922	1.29975	1.29975	0.0692922	1.36725	1.36725	0.0980315	0.756274	-1.32227	0.672382	0.936627	-1.06766	1.48802	0.558352	0.333538	1
cg20829379	SLC6A20;SLC6A20	0.293203	0.418329	0.768968	-1.30044	0.36742	1.34193	1.34193	0.221464	1.50417	1.50417	0.166991	0.626257	-1.59679	0.0796686	0.53909	-1.85498	0.901901	0.961586	-1.03995	0.528828	1.22468	1.22468	0.727033	0.894649	-1.11776	0.221674	1.50386	1.50386	1.48802	2.37804	1.42056	1
cg17597631	RERE;RERE;RERE	0.293213	0.7083	0.906655	-1.10295	0.887034	1.0559	1.0559	0.89721	0.951744	-1.05017	0.316418	0.827731	-1.48639	0.120556	0.525204	-1.90469	0.753356	1.1282	1.1282	0.12802	1.87691	1.87691	0.077178	2.12107	2.12107	0.430996	0.735229	-1.36012	1.48799	3.45094	2.06151	1
cg08158862	NRSA2;NRSA2	0.293215	0.369571	2.34099	2.34099	0.0670955	6.64803	6.64803	0.2902204	2.75448	2.75448	0.695823	0.695816	-1.43716	0.9100094	1.10989	1.10989	0.451416	2.03036	2.03036	0.19586	3.53444	3.53444	0.0323829	10.0977	10.0977	0.292282	2.74161	2.74161	1.48798	20.0784	11.9945	1
cg08385200	AHR8	0.293215	0.920073	0.671743	-1.02908	0.0394875	0.503671	-1.98542	0.148331	0.638873	-1.56281	0.454225	0.802901	-1.24548	0.327163	0.747304	-1.33814	0.960212	1.01235	1.01235	0.218443	1.45174	1.45174	0.667348	0.882029	-1.13259	0.184876	0.607018	-1.49921	1.48798	1.95418	1.16799	1
cg19735250	FMNL1	0.293217	0.729404	1.23621	1.23621	0.346537	0.553263	-1.80746	0.163271	2.48094	2.48094	0.338652	1.82625	1.82625	0.978099	1.0169	1.0169	0.229982	0.463439	-2.15778	0.12533	0.363123	-2.75389	0.116405	0.352821	-2.8343	0.711321	1.25482	1.25482	1.48797	8.78721	5.24933	1
cg20901940	SLC4A4	0.293221	0.0666048	0.314077	-3.18393	0.0499882	0.997353	-1.00213	0.671658	0.786578	-1.27133	0.735727	0.826346	-1.21015	0.0401111	0.263919	-3.802	0.397641	0.614369	-1.62848	0.0162797	0.307463	-3.25243	0.368703	0.594612	-1.68177	0.482031	0.668751	-1.49532	1.48796	7.4712	4.4632	1
cg08637473	WDR24	0.293228	0.184509	0.410002	-2.43903	0.464756	0.624193	-1.60207	0.647306	0.746925	-1.33882	0.716612	1.25976	1.25976	0.993245	0.994652	1.00538	0.533615	0.669402	-1.49387	0.0391013	0.165527	-6.04313	0.370059	1.79156	1.79156	0.33487	0.529364	-1.88906	1.48794	9.4558	5.64886	1
cg06828730	PFKM;SENP1;PFKM	0.293232	0.799078	1.24962	1.24962	0.155333	4.18791	4.18791	0.578575	1.63985	1.63985	0.141337	0.223437	-4.47554	0.592668	0.621503	-1.609	0.34817	0.419005	-2.38661	?	?	?	0.198551	3.52924	3.52924	?	?	?	1.82326	14.8565	4.65618	1
cg20749790	SLC23A2;SLC23A2	0.293234	0.0666037	1.001	1.001	0.0999999	0.643187	-1.55516	0.379645	1.03409	1.03409	0.96266	0.988147	-1.01205	0.0410085	0.548481	-1.82322	0.706709	0.908214	-1.1008	0.0410085	0.548481	-1.82322	0.0697753	1.12875	1.12875	0.0579713	1.72607	-1.72607	1.48792	1.5386	0.913193	1
cg02512202	LOC652276	0.293324	0.486037	1.56758	1.56758	0.402286	1.72457	1.72457	0.811929	1.16306	1.16306	0.0565431	0.247951	-4.03305	0.805373	1.16935	1.16935	0.424995	0.595825	-1.67835	0.0512047	0.237953	-4.20251	0.645876	0.745702	-1.34102	0.9984	0.99873	-1.00127	1.53326	9.54141	4.84007	1
cg14009563	PIP5K1C	0.293325	0.280326	1.91566	1.91684	0.525567	0.688691	-1.45203	0.0534286	5.58287	5.58287	0.202694	2.38099	2.38099	0.404526	1.63972	1.63972	0.363274	0.617362	-1.71901	0.713094	1.23985	1.23985	0.884735	0.919334	-1.08774	0.215255	0.474247	-2.10764	1.48787	7.92194	4.73275	1
cg01144283	TECPR2	0.293263	0.856846	0.903314	-1.10703	0.0744277	3.06265	3.06265	0.141617	2.43514	2.43514	0.144889	0.416158	-2.40294	0.424359	0.502632	-1.5832	0.683418	1.25972	1.25972	0.267509	1.86243	1.86243	0.877107	1.09105	1.09105	0.466518	0.658843	-1.51781	1.48783	7.47246	4.46435	1
cg26586508	MICALL2	0.293271	0.108828	0.214243	-4.66759	0.119839	0.125516	-2.42232	0.800984	0.800514	-1.2492	0.623331	0.64656	-1.54665	0.40523	0.472222	-2.11743	0.400923	0.468872	-2.13278	0.0402645	0.124001	-8.06446	0.0803252	0.181664	-5.50467	0.233008	0.332313	-3.00921	1.48781	18.2872	10.9257	1
cg11849673	CXorf36;CXorf36	0.293275	0.180681	0.374017	-2.67368	0.0317949	0.175317	-5.70396	0.232553	0.422865	-2.36482	0.349139	0.513315	-1.94812	0.0963322	0.282713	-3.53716	0.188964	0.381785	-2.62328	0.0963322	0.282713	-3.53716	0.0963322	0.282713	-3.53716	0.0963322	0.282713	-3.53716	1.48781	12.28	6.73929	1
cg25947845	MCF2L;MCF2L	0.293276	0.807621	1.065	1.065	0.0828551	1.64177	1.64177	0.352248	0.781053	-1.28032	0.44441	1.22295	1.22295	0.353802	0.781711	-1.27925	0.770372	0.927229	-1.07848	0.747024	1.08714	1.08714	0.306112	1.3146	1.3146	0.0523877	1.76736	1.76736	1.48779	1.5702	0.938127	1
cg22675791	DDX2;DDX2;DDX2	0.293277	0.0960304	0.137388	-2.94195	0.521109	1.47196	1.47196	0.644948	0.761239	-1.31365	0.380551	0.502553	-1.68761	0.0559908	0.276002	-3.62316	0.528193	0.683949	-1.4621	0.0844921	0.321932	-3.10594	0.945329	0.953829	-1.04859	0.953829	-1.04859	-1.77974	0.17815	0.427222	-2.3407	1.48779	8.53572	4.97426	1
cg07448042	CDC25C;CDC25C;CDC25C;CDC25C	0.293278	0.768835	1.03731	1.03731	0.748175	1.2797	1.2797	0.0509869	1.05303	1.05303	0.631385	1.06736	1.06736	0.955196	0.999042	-1.00701	0.269257	1.15372	1.15372	0.349847	0.887273	-1.12705	0.0355647	1.35539	1.35539	0.275588	1.10266	1.10266	1.48778	0.360967	0.217455	1
cg27284019	DDX20.1;cr1187	0.293278	0.638738	1.08185	1.08185	0.640882	1.0813	1.0813	0.305273	0.838088	-1.19339	0.113824	1.33142	1.33142	0.257082	1.2175	1.2175	0.0770681	1.38692	1.38692	0.304926	0.837974	-1.19335	0.346429	1.17507	1.17507	0.267406	1.21196	1.21196	1.48778	0.652333	0.389742	1
cg06680831	UBTD1	0.293279	0.0767998	0.286293	-3.35241	0.173578	2.685574	-2.45502	0.545026	0.686249	-1.4572	0.344449	0.549296	-1.81952	0.306681	0.581619	-1.7205	0.139906	0.376708	-2.65458	0.134928	0.694539	-1.4398	0.0902097	0.542349	-1.84351	0.412393	0.646044	-1.54819	1.48778	8.90256	5.31882	1
cg03217966	EHMT2;EHMT2	0.293283	0.977549	0.995707	-1.00431	0.443917	0.887504	-1.12676	0.108277	0.764996	-1.3072	0.509577	0.90277	-1.1077	0.0769534	1.35082	1.35082	0.269663	1.19391	1.19391	0.66982	0.934523	-1.07029	0.260578	0.835761	-1.19651	0.384223	0.872481	-1.14616	1.48777	0.550848	0.329112	1
cg14005227	ZEGCN4	0.293284	0.62654	1.1061	1.1061	0.159838	0.704227	-1.42019	0.0534286	5.58287	5.58287	0.202694	2.38099	2.38099	0.404526	1.63972	1.63972	0.363274	0.617362	-1.71901	0.713094	1.23985	1.23985	0.884735	0.919334	-1.08774	0.215255	0.474247	-2.10764	1.48787	7.92194	4.73275	1
cg23182972	MGC87042	0.293285	0.373659	0.590149	-1.69449	0.580163	1.38078	1.38078	0.215439	0.470977	-2.12325	0.985705	1.0104	1.0104	0.856497	0.900744	1.11019	0.0141856	0.174217	-5.73996	0.628371	1.32533	1.32533	0.580799	0.7246626	-1.38002	0.49131	1.667856	-1.49733	1.48776	7.85797	4.69488	1
cg18783047	ZGLP1	0.293286	0.310304	1.28848	1.28848	0.587501	1.14138	1.14138	0.232776	1.35268	1.35268	0.248261	1.33831	1.33831	0.499319	0.84741	-1.18007	0.340457	1.26767	1.26767	0.02232	1.93689	1.93689	0.972201	0.991622	-1.00845	0.581902	1.87436	-1.14369	1.48776	1.3735	0.820619	1
ch.15.45695758	RADS1;RADS1;RADS1;RADS1	0.293296	0.574436	0.665082	-1.50351	0.0131749	0.175317	-5.70396	0.232553	0.422865	-2.36482	0.349139	0.513315	-1.94812	0.0963322	0.282713	-3.53716	0.188964	0.381785	-2.62328	0.0963322	0.282713	-3.53716	0.0963322	0.282713	-3.53716	0.0963322	0.282713	-3.53716	1.48781	12.28	6.73929	1
cg24237339	STAR;DSNL	0.293316	0.396957	0.749665	-1.33393	0.421097	0.761082	-1.31392	0.954651	1.01907	1.01907	0.557599	0.820432	-1.21887	0.964166	1.01504	1.01504	0.395042	0.748746	-1.33557	0.0216493	2.49911	2.49911	0.510042	0.800936	-1.24854	0.348738	0.725824	-1.37774	1.48767	2.59983	1.55341	1
cg20455931	PCDHGB7;PCDHGB7	0.293317	0.0551862	0.446097	-2.24167	0.348405	0.970099	-1.03082	0.753241	1.1202	1.1202	0.267463	1.16204	1.16204	0.459722	1.3225	1.3225	0.575472	0.810499	-1.2338	0.128763	0.642309	-1.84233	0.0972099	0.674353	1.47983	0.157586	0.570546	-1.75271	1.48766	3.24904	1.94132	1
cg14579957	RORZ	0.293319	0.290712	1.14914	1.43914	0.533517	1.23291	1.23291	0.815913	1.07883	1.07883	0.70281	1.13571	1.13573	0.220222	1.53412	1.53412	0.0907239	1.85662	1.85662	0.0428964	2.08596	2.08596	1.89369	0.71113	0.883817	1.13146	1.74666	2.59723	1.55187	1
cg25416014	MCF2L2	0.293322	0.717422	1.38893	1.38893	0.6642897	6.54808	6.54808	0.114962	4.70853	4.70853	0.0580729	6.9333	6.9333	0.584422	1.64751	1.64751	0.357552	2.35206	2.35206	0.266796	2.84575	2.84575	0.0860952	5.553	5.553	0.789183	1.2741	1.2741	1.48765	19.252	11.5033	1
cg08031935	C16orf58	0.293376	0.0679705	0.383407	-2.60819	0.165539	2.433	-2.433	0.107397	0.604506	-1.65352	0.0458586	0.368441	-2.71305	0.0880581	0.464401	-2.15353	0.0744041	-1.00552	0.880586	0.464401	-2.15353	0.0744041	-1.00552	0.880586	0.464401	-2.15353	0.0744041	-1.00552	0.880586	1.74636	0.572836	1.14619	1.14619	0.462326	0.852477	-1.17305	0.640615	1
cg21252446	FRYL	0.293324	0.041831	0.384316	-2.60202	0.920947	0.960342	-1.0413	0.707598	0.857612	-1.16603	0.655583	0.832765	-1.20082	0.0425024	0.385869	-2.59155	0.735394	0.870856	-1.1483	0.271363	0.627008	-1.59487	0.33819	0.579321	-1.72497	0.210968	0.487264	-2.05148	0.475122	0.991539	0.23951	1
cg21313194	MIF	0.293326	0.707758	1.07475	1.07475	0.615652	0.850564	-1.17617	0.780053	0.932602	-1.07222	0.885002	0.93502	-1.06953	0.779349	1.15174	1.15174	0.0722465	1.37045	1.37045	0.0994646	0.716854	1.39496	1.36745	0.0407772	0.546765	0.832802	0.832802	-1.20067	0.546765	1.48766	0.624874	1
cg06151567	RCC2;RCC2	0.293333	0.449285	0.885368	-1.12947	0.36915	1.15679	1.15679	0.35432	0.860298	-1.16239	0.206151	1.23439	1.23439	0.66642	0.93381	1.07088	0.827012	0.96603	-1.03516	0.0468261	0.698117	-1.43243	0.729046	1.05645	1.05645	0.217479	1.22738	1.22738	1.48761	0.587495	0.351044	1
cg20975708	ZNF541	0.293335	0.48826	1.27588	1.27588	0.0635839	2.05793	2.05793	0.55619	1.23172	1.23172	0.317764	1.42951	1.42951	0.194267	0.624694	-1.60078	0.767267	0.902404	-1.10815	0.236104	1.53663	1.53663	0.0914356	1.90248	1.90248	0.475127	1.28566	1.28566	1.48761	2.82087	1.68555	1
cg25439655	SEMA5B	0.293334	0.812772	1.07	1.07	0.0744318	0.728734	-1.22724	0.0510055	1.34844	1.34844	0.16972	0.637997	1.28709	0.607564	0.637997	-1.56757	0.326279	1.16969	1.16969	0.0344358	1.82778	1.82778	0.354566	1.64379	1.64379	0.554317	0.731901	1.36663	1.36663	1.48759	0.454102	1
cg25277632	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.293341	0.0918547	0.487657	-2.05062	0.394611	0.713626	-1.40129	0.110141	0.509774	-1.96165	0.182512	0.578424	-1.72883	0.221421	0.608136	-1.64437	0.695939	0.859007	-1.16414	0.0621428	0.443697	-2.25379	0.10627	0.505321	-1.97894	0.201314	0.593221	-1.68571	1.48759	3.52785	2.10802	1
cg18471471	ADAMTS17	0.293343	0.777016	0.817477	-1.22328	0.2845	0.62674	6.2674	0.0504467	4.867	4.867	0.626972	0.964552	0.964552	0.960731	-1.04087	0.936731	0.978331	0.980907	-1.01946	0.613049	1.43615	1.43615	0.914127	0.926296	-1.07957	0.853355	0.876926	-1.14035	1.48758	11.8691	7.09228	1
cg08519658	OPLAH	0.293349	0.442073	1.31221	1.31221	0.0423947	0.444717	-2.24862	0.251005	0.659828	-1.51555	0.906953	1.04137	1.04137	0.0906323	0.524	-1.9084	0.310034	0.694789	-1.43929	0.776543	0.906065	-1.10367	0.445204	1.30968	1.30968	0.899264	0.957046	-1.04488	1.48756	2.83119	1.69177	1
cg29900606	SOCS5;SOCS5	0.293351	0.756237	1.16102	1.16102	0.4143	1.16561	1.16561	0.273401	0.626829	-1.59581	0.110196	1.24169	1.24169	0.344234	1.32042	1.32042	0.719467	0.7851	-1.27372	0.412175	0.337594	-2.96214	0.947721	1.2407	1.2407	0.0911623	1.28838	1.28838	1.48757	1.5386	0.913193	1
cg05839902	IMPG2	0.293352	0.927769	1.03004	1.03004	0.899993	0.959787	-1.0419	0.229618	0.662648	-1.5091	0.441474	1.29205	1.29205	0.129459	0.585791	-1.70709	0.0636087	1.97548	1.97548	0.213576	1.5335	1.5335	0.938555	1.02549	1.02549	0.455783	1.28143	1.28143	1.48755	2.51075	1.5003	1
cg12583938	RFC4;RFC4	0.293353	0.0666037	0.643187	-1.55516	0.379645	1.03473	1.03473	0.16644	0.802702	-1.24635	0.138335	0.488922	1.2835	0.154488	0.488922	-2.04493	0.114108	0.745461	1.25661	0.139153	0.710635	-1.40743	0.926086	0.987744	-1.01241	0.816877	0.912521	1.09584	1.48754	0.900107	0.532484	1
cg27123691	CSPG4	0.293355	0.425297	0.864502	-1.15673	0.719317	1.06667	1.06667	0.163571	0.766518	-1.3046	0.31667	0.737234	-1.35642	0.138223	0.751683	-1.33035	0.197912	1.27554	1.27554	0.662953	1.08158	1.08158	0.165398	0.767515	-1.30291	0.601484	0.910067	-1.09882	1.48755	0.753482	0.450246	1
cg19444232	ASAP1	0.293358	0.351639	0.674665	-1.48208	0.0981994	1.00092	1.00092	0.994772	0.940247	-1.06342	0.14114	0.570386	-1.75282	0.156102	0.197327	-5.06803	0.486752	0.714457	-1.39898	0.0795965	0.458483	-2.18168	0.0729745	0.554266	-1.80419	0.24254	0.384005	-2.60417	1.48753	2.84904	1.94132	1
cg10959428	BCAS4;BCAS4;BCAS4	0.293362	0.0233662	0.212913	-4.69674	0.238662	0.494459	-2.02241	0.944757	0.94036	-1.06436	0.421919	0.62555	-1.59894	0.193021	0.745451	-1.80034	0.859628	1.10635	1.10635	0.0809099	0.342708	-2.91794	0.993576	0.995414	-1.0041	0.680284	0.533386	-1.87481	1.48752	7.67975	4.58313	1
cg13585927	FAM125B	0.293365	0.34015	1.82664	1.82664	0.135176	0.372698	-2.68314	0.239193	0.469814	-2.1285	0.356335	1.7886	1.7886	0.891239	1.08746	1.08746	0.499707	1.52181	1.52181	0.06083	3.4643	3.4643	0.800067	0.859961	-1.16328	0.312729	1.89642	1.89642	1.48751	8.84879	5.28775	1
cg06609489	NOL4	0.293368	0.0957254	0.626214	-1.59673	0.459395	1.13145	-1.13145	0.0944434	0.878577	-1.13865	0.0944434	0.878577	-1.13865	0.0944434	0.878577	-1.13865	0.0944434	0.878577	-1.13865	0.0944434	0.878577	-1.13865	0.0944434	0.878577	-1.13865	0.0944434	0.878577	-1.13865	0.0944434	0.878577	-1.13865	1.74636	0.572836	1.14619	1.14619	0.462326	0.852477	-1.17305	0.640615	1
cg26886855	PINX1	0.293376	0.127365	0.259543	-3.85293	0.713235	0.737697	-1.35557	0.566747	0.622668	-1.60599	0.864904	1.14948	1.14948	0.0432242	0.149182	6.70322	0.331096	0.440234	-2.27152	0.0428616	0.145948	-6.73197	0.295362	0.411546	-2.42986	0.489641	0.563162	-1.77569	1.48748	15.7691	9.42331	1
cg21131421	RADS11;RADS11;RADS11;RADS11	0.293377	0.651586	1.11692	1.11692	0.393936	0.818163	-1.20749	0.193746	0.694553	-1.43978	0.897595	0.972581	-1.02815	0.256273	0.774246	-1.29158	0.0799098	0.656866	-1.52234	0.203208	0.748246	-1.33646	0.0928115	0.62172	-1.60844	0.948915	0.98626	-1.01393	1.48748	1.0924	0.65635	1
cg13882278	KIAA1217	0.293379	0.151245	1.6269	1.6269	0.0550568	0.68702	-1.45556	0.753141	1.05596	1.05596	0.185367	0.784763	-1.27427	0.248491	0.812054	-1.23144	0.252026	1.79437	1.79437	0.129599	0.561284	1.12986	1.12986	0.560084	0.888731	-1.1252	0.15806	0.770103	1.29606	1.48747	0.701617	0.419275	1
cg05557991	CBFA2T3;CBFA2T3	0.293379	0.386912	0.4968	-2.01288	0.112231	0.91191	1.91191	0.161728	2.34985	2.34985	0.140404	0.286218	-3.49394	0.338714	0.459389	-2.1768	0.83386	0.847322	-1.18019	0.781111	1.24573	1.24573	0.397344	1.98097	1.98097	0.343486	0.463131	-2.15922	1.48747	1.657	0.75883	1
cg06728306	MRPS6;SC5A3	0.293381	0.0733178	0.284125	-3.51929	0.0756457	1.45497	1.45497	0.144737	1.63758	1.63758	0.124972	0.710823	-1.40707	0.0733	0.774461	-1.29093	0.326279	0.78472	-1.27434	0.338718	1.18713	1.18713	0.780496	0.82666	-1.20974	0.0844722	0.84219	1.18713	1.48747	0.6042	0.407935	1
cg19840540	ETFDH;ETFDH;C4orf46	0.293338	0.329665	0.829572	-1.20544	0.391126	0.84942	-1.17727	0.308023	1.2165	1.2165	0.212346	1.27632	1.27632	0.836104	1.03923	1.03923	0.349284	0.836139	-1.19597	0.04512	1.53261	1.53261	0.352313	1.19456	1.19456	0.691125	1.077	1.077	1.48747	0.812704	0.48566	1
cg11003397	AMPH;AMPH	0.293383	0.825503	1.05026	1.05026	0.134792	0.801798	-1.24721	0.707396	0.919669	-1.08735	0.0575118	1.61134	1.61134	0.127871	0.690674	-1.44786	0.448445	1.17875	1.17875	0.152131	0.70726	1.41455	1.41455	0.0729	1.0729	0.151172	0.932	1.15928	1.48746	1.1619	0.684338	1
cg24632944	FBLN2;FBLN2;FBLN2	0.293388	0.140395	0.32244	-3.10136	0.0348653	0.165264	-6.05091	0.550328	0.649702	-1.53917	0.247394	0.421871	-2.37039	0.142551	0.32471	-3.07967	0.427571	1.561	-1.78253	0.111257	0.289599	-3.44876	0.153193	0.335703	-2.97883	0.507737	0.618801	-1.61603	1.48744	11.997	7.16933	1
cg10594774	NEBL;NEBL	0.2934	0.404958	0.600996	-1.44719	0.0282943	3.07472	3.07472	0.175773	1.86724	1.86724	0.629256	0.80976	-1.23493	0.387711	0.681102	-1.46821	0.995109	0.997393	-1.00261	0.336079	1.53766	1.53766	0.929197	1.0393	1.0393	0.701488	0.846143	-1.18183	1.4674	4.43263	2.64899	1
cg24282788	C1orf133;SERTAD4	0.293398	0.748782	1.1555	1.1555	0.376494	0.607721	-1.64544	0.0534286	5.58287	5.58287	0.202694	2.38099	2.38099	0.404526	1.63972	1.63972	0.363274	0.617362	-1.71901	0.713094	1.23985	1.23985	0.884735	0.919334	-1.08774	0.215255	0.474247	-2.10764	1.48787	7.92194	4.73275	1
cg20155566	SPAG5	0.29341	0.642434	0.930118	-1.07513	0.125135	1.29328	1.29328	0.113785	1.30548	1.30548	0.440687	0.885304	-1.19256	0.622602	0.92602	-1.07989	0.130784	0.776622	-1.28763	0.643808	0.913241	-1.09506	0.727551	0.947253	-1.05568	0.26209	1.19863	1.19863	1.48737	0.56547	0.337938	1
cg06167719	HLCS	0.293404	0.508564	0.805851	-1.24134	0.305341	0.75346	1.32657	0.683517	0.824886	-1.21253	0.480961	0.50123	-1.99507	0.0510824	0.707428	-1.41358	0.404564	0.548727	-1.82307	0.0704028	0.546414	-1.83025	0.547475	0.582277	-1.71677	0.0977643	0.462292	-2.16332	1.48736	0.6018	0.364553	1
cg26824216	RTP4	0.293415	0.293152	0.358167	-2.792	0.0187784	1.0685122	-14.5959	0.0539603	0.127479	-7.84446	0.654573	0.654384	-1.52815	0.301225	0.364763	2.74151	0.55784	0.572333	-1.74723	0.530471	0.549752	-1.819	0.75235	0.7422268	-1.34722	0.593205	0.60189	-1.66143	0.48736	0.28821	12.4798	1
cg11935371	RRP1	0.293419	0.929617	1.02728	1.02728	0.161774	1.57649	0.0305966	2.16849	2.16849	0.21839	1.48356	1.48356	0.372829	0.756728	-1.32148	0.494073	1.23563	1.23563	0.60699	1.23512	1.23512	0.789515	0.921718	-1.08493	0.509631	0.815625	-1.22605	1.48735	2.18669	1.30684	1
cg01174456	AMZ1	0.293424	0.846804	1.05645	-1.05458	0.648496	0.818594	-1.22161	0.638727	0.83839	-1.19258	0.641227	0.716758	-1.39597	0.0412503	0.551337	-1.81416	0.469807	0.618869	-1.61672	0.0444901	0.423973	0.78472	-1.27434	0.338718	1.18713	1.18713	0.780496	0.82666	-1.20974	0.0844722	0.84219	1.18713	1.48735	0.6042	0.407935	1
cg17851496	WNT7B	0.293426	0.711553	0.909811	-1.10264	0.39	0.793154	-1.26079	0.228725	1.39421	1.39421	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg01515543	LOC101129066	0.293748	0.241241	-1.39662	0.297398	1.364782	-2.15155	0.253266	0.426015	2.33092	0.480681	0.601443	-1.56802	0.5794498	0.218497	-4.57672	0.926222	0.193746	-1.07525	0.634709	0.732218	-1.40405	0.03350726	0.173759	-5.8221	0.483917	0.603772	-1.65625	1.48632	11.8415	7.08176	1
cg26210255	ACTR6	0.293752	0.903385	0.984942	-1.01529	0.58604	1.07112	1.071112	0.143294	0.821591	-1.21715	0.26746	0.865599	-1.15527	0.64902	0.944359	-1.05892		0.07095397	0.784157	-1.27526	0.290085	0.14704	0.367312	1.12266	1.12266	0.176425	0.835641	-1.19669	1.48631	0.367457	0.219758	1
cg14655249	HNRNPK,RMI1;HNRNPK;HNRNPK,RMI1	0.293759	0.854681	1.0325	1.0325	0.526385	1.11852	1.11852	0.352343	1.18174	1.18174	0.760655	1.05475	1.05475	0.876239	0.973174	-1.02757		0.121229	0.745908	-1.34065	0.15687	0.767839	-1.30236	0.514837	1.12214	1.12214	0.0623134	1.44209	1.44209	1.48629	0.716571	0.428552	1
cg04609912	WWOX	0.293767	0.0810608	0.5935	-1.68492	0.118618	0.633219	-1.57923	0.0528542	0.55236	-1.81042	0.441539	0.809222	-1.23574	0.540673	0.846152	-1.18182		0.912509	1.03009	1.03009	0.874378	0.958222	-1.0436	0.0849254	0.598188	-1.67172	0.358662	0.775237	-1.28993	1.48626	1.71251	1.0242	1
cg01825921	C11orf9;C11orf9;DKFZP434K028	0.293775	0.681151	1.40364	1.40364	0.807566	1.22173	1.22173	0.892189	0.894678	-1.11772	0.155513	0.48084	1.34008	0.518595	1.71098	1.71098		0.7056113	1.36541	1.36541	0.0352687	1.48035	1.48035	0.0585953	1.77439	1.77439	0.158213	1.34885	1.34885	1.48624	15.8541	9.482	1
cg07926491	STAT6	0.293776	0.701913	1.11447	1.11447	0.0574015	1.83259	1.83259	0.0545025	1.84929	1.84929	0.269658	1.38258	1.38258	0.209374	0.688748	-1.45191		0.712774	1.10983	1.10983	0.473759	1.22852	1.22852	0.681589	1.12329	1.12329	0.851173	1.05436	1.05436	1.48624	1.86954	1.11813	1
cg01068893	NCK2;NCK2	0.293777	0.124987	0.160326	-6.3499	0.697284	1.57453	1.57453	0.691867	1.5501	1.5501	0.360222	0.362469	-2.73063	0.200445	0.225813	-4.42945		0.366159	0.36002	-2.77762	0.0803427	0.11831	-8.4524	0.11732	0.15349	-6.49398	0.112491	0.14939	-6.69391	1.48623	26.4992	17.0448	1
cg26207035	MIR33A;SREBF2	0.293779	0.908292	1.06265	1.06265	0.0161956	0.417659	0.417659	0.0612277	0.304136	0.304136	0.687656	1.25753	1.25753	0.799434	1.11437	1.11437		0.360725	1.64132	1.64132	0.432626	1.52548	1.52548	0.555149	1.3691	1.3691	0.6093666	1.23511	1.23511	1.48623	6.54613	3.91514	1
cg00782057	HEY1;HEY1	0.293782	0.845792	0.969267	-1.03171	0.114183	1.31714	1.31714	0.0791392	1.36682	1.36682	0.614224	0.921753	-1.08489	0.562677	1.09837	1.09837		0.64509	1.07718	1.07718	0.10394	0.752	-1.32979	0.763505	0.952777	-1.04956	0.473516	0.889706	-1.12397	1.48622	0.604912	0.361791	1
cg13894624	RAD23B	0.293784	0.223862	1.745923	1.745923	0.0813111	1.08313	1.08313	0.130466	1.45449	1.45449	0.0964229	1.03861	1.03861	0.0994231	1.03908	1.03908		0.117795	1.47644	1.47644	0.180045	1.2407	1.2407	0.0497107	1.53492	1.53492	0.0222727	1.68621	1.68621	1.48621	1.23861	1.740803	1
cg14898263	ATP11A;ATP11A	0.293785	0.848896	0.877645	-1.13941	0.863188	0.9680601	-1.03299	0.828437	0.960513	-1.04111	0.548856	1.12193	1.12193	0.6367189	0.913875	-1.09424		0.731817	1.30872	1.30872	0.321139	1.20959	1.20959	0.0367189	1.56912	1.56912	0.242112	0.796707	-1.25517	1.48621	0.811145	0.485139	1
cg02039128	STK38	0.293792	0.0584024	0.77451	-1.4072	0.112458	0.758797	1.31788	0.846312	1.03148	1.03148	0.60115	1.0879	1.0879	0.53581	1.10534	1.10534		0.518164	1.1021	1.1021	0.272188	0.833126	-1.20028	0.138179	0.774929	-1.29044	0.748606	0.948615	-1.05284	0.48619	0.606551	0.359196	1
cg26382607	WWC3	0.293799	0.68661	0.89654	-1.11551	0.978473	1.00729	1.00729	0.496736	0.83044	-1.20418	0.40827	0.80432	-1.24329	0.0135025	0.438978	-2.27802		0.455388	1.23897	1.23897	0.409407	0.24813	-4.24819	0.707235	0.9034	-1.10693	0.9200884	0.973638	-1.02708	1.48616	1.70651	1.02069	1
cg05743278	KLHDC10	0.293802	0.0739803	0.622889	-1.60542	0.0751184	0.624302	-1.60179	0.910919	0.976115	-1.02447	0.458172	0.83562	-1.19672	0.132021	0.67947	-1.47173		0.977642	0.99336	-1.00668	0.463505	0.837461	-1.19409	0.117699	0.667714	-1.49765	0.485694	1.18341	1.18341	1.48615	1.3301	0.795551	1
cg00493303	GRWD1;GRWD1	0.293805	0.889449	0.897727	-1.12442	0.342319	0.25395	0.253265	0.055266	0.24949	0.24949	7	0.0754024	5.283319	5.283319				0.207551	3.02727	3.02727	0.437227	0.518238	1.92962	0.0193638	1.48465	1.48465	0.783118	1.25639	1.25639	1.51167	14.4332	8.24529	1
cg06237353	EFTUD1;FAM154B;EFTUD1	0.293813	0.533177	0.819807	-1.2198	0.497218	1.24231	1.24231	0.698936	1.13014	1.13014	0.650118	1.1546	1.1546	0.542604	0.823642	-1.21412		0.0239037	0.428107	-2.33586	0.615072	1.17305	1.17305	0.27316	0.69837	-1.43191	0.311634	1.39029	1.39029	1.48612	2.33241	1.39508	1
cg27273342	KRTAP12-4;C21orf33;KRTAP12-4	0.293814	0.135455	0.378206	-2.64606	0.462836	1.57079	1.57079	0.997751	0.959791	-1.06625	0.818886	0.870586	-1.14865	0.65572	0.96305	-1.03811		0.127533	0.36947	-2.70658	0.0857401	0.317419	-3.15042	0.0619917	0.280878	-3.56027	0.37915	0.579736	-1.72462	1.48612	8.59374	5.14016	1
cg25063384	PRKCZ;PRKCZ;PRKCZ	0.293814	0.927368	0.984171	-1.01608	0.0614533	0.201631	-1.44586	0.156066	1.80415	1.80415	0.115496	1.30469	1.30469	0.254823	0.905725	-1.10464		0.899811	1.02229	1.02229	0.247409	1.24825	1.24825	0.573119	0.905168	-1.10477	0.992162	1.50172	1.50172	1.48612	0.720777	0.431117	1
cg03199644	FBS2;FBS2	0.293821	0.0805129	0.510687	-1.95815	0.453668	0.767507	-1.30292	0.882667	0.950092	-1.05253	0.91982	1.03552	1.03552	0.559822	0.815132	-1.2268		0.576752	1.21588	1.21588	0.0401589	2.27503	2.27503	0.592279	1.20611	1.20611	0.549006	0.810424	-1.23392	1.4861	2.82844	1.69179	1
cg01284166	FAM96B;CES2;CES2;FAM96B	0.293822	0.173021	0.79305	-1.26139	0.206997	0.3313	1.30204	0.153383	1.28485	1.28485	0.310259	0.79093	1.26423	0.601828	0.879651	-1.13681		0.248443	0.745373	-1.34161	0.291367	0.765914	-1.3063	0.253543	0.797029	-1.33702	0.185438	1.14276	1.14276	1.4609	1.39641	0.835248	1
cg04988423	ALX4	0.293824	0.783172	1.06631	1.06631	0.468631	1.74453	1.74453	0.309594	1.28088	1.28088	0.187826	0.674393	-1.48282	0.620033	1.12362	1.12362		0.21842	1.3588	1.3588	0.40551	1.22083	1.22083	0.901275	0.971549	-1.02928	0.353947	1.25114	1.25114	1.59332	1.2985	0.543729	1
cg00425213	ACOT7;ACOT7	0.293825	0.490364	0.825111	-1.21162	0.778816	0.273201	1.20453	0.0613564	1.38694	1.38694	0.167676	0.757688	1.31981	0.592134	0.690897	-1.44775		0.839328	1.1564	1.1564	0.138791	0.59292	-1.68657	0.134331	0.538861	-1.85603	0.0295092	0.325007	-3.07629	1.48608	10.1523	6.28787	1
cg09441337	C21orf45	0.293829	0.417518	0.856484	-1.16756	0.339702	1.20201	1.20201	0.208812	1.28112	1.28112	0.292106	1.22677	1.22677	0.650886	0.918344	-1.08892		0.782807	1.05303	1.05303	0.222353	0.786788	-1.27099	0.0895108	0.41914	0.41914	0.24987	0.798633	-1.25214	1.48607	0.822902	0.492216	1
cg26703182	CTU1	0.293831	0.227064	2.05613	2.05613	0.630699	0.759129	-1.31695	0.768772	0.845726	-1.18242	0.599706	0.740075	-1.35122	0.358746	1.95375	1.95375		0.124545	2.57318	2.57318	0.0325539	0.445459	4.14549	0.338482	1.7521	1.7521	0.865273	1.10133	1.10133	1.48607	7.60379	4.5482	1
cg17870909	FTCD;FTCD	0.293833	0.266576	0.80657	-1.24007	0.651796	1.42452	1.42452	0.114665	0.937532	-1.06753	0.731454	0.38871	-2.57311	0.0135927	0.503227	-1.98703		0.723251	0.802457	-1.2461	0.0482417	0.788597	-1.26647	0.0678083	0.519634	-1.92443	0.6654	0.870204	-1.14939	0.48606	2.41004	1.44156	1
cg13462129	DLX5	0.293833	0.941857	0.957498	-1.04439	0.245796	0.485409	-2.06012	0.534346	0.687492	-1.45456	0.780685	0.846884	-1.1808	0.616824	1.35036	1.35036		0.903099	1.07602	1.07602	0.907996	0.93348	-1.07126	0.0141158	0.67149	0.67149	0.982394	1.03323	1.03323	1.48606	8.34406	4.99101	1
cg14045486	PCSK5;PCSK5	0.293834	0.0636596	0.735851	-1.359	0.144305	0.605277	1.05277	0.56428	1.03268	1.03268	0.213528	0.548018	1.82408	0.0475134	0.335348	-2.98168		0.979663	1.01811	1.01811	0.553148	0.838483	-1.19258	0.0778225	0.44506	-2.24706	0.0178435	0.12049	-8.22755	1.48605	12.0349	7.19273	1
cg14447152	COBRA1	0.293837	0.124062	1.21566	1.21566	0.43881	0.911564	-1.09702	0.109915	0.815196	-1.2267	0.483988	0.911598	-1.09698	0.913721	0.995329	0.995329		0.0428836	0.17669	-5.66017	0.0178435	0.108252	1.12812	0.228107	0.311077	1.10854	1.10854	0.629757	1.05861	1.05861	1.48605	0.323603	0.193566	1
cg11659501	ACSS3	0.293843	0.244146	0.35132	-2.8464	0.884334	1.13311	1.13311	0.926807	1.08207	1.08207	0.35558	0.442288	-2.26097	0.277282	0.379084	-2.63794		0.295035	0.39366	-2.54027	0.987078	0.987043	-1.01311	0.91378	0.911214	-1.09744	0.0293782	0.94961	0.94961	1.48603	17.3449	10.3751	1
cg14352119	SLC38A6;SLC38A6;TRMT5	0.293846	0.0236306	0.777321	-1.28709	0.329464	0.911564	1.31204	0.151386	1.15135	1.15135	0.791495	0.975161	1.02564	0.755008	1.01216	1.01216		0.0240004	0.941665	-1.06218	0.166018	0.98298	-1.00903	0.172607	1.0332	1.0332	0.24671	1.02242	-1.00003	0.172607	1.0332	1.0332	0.204371	1.122249	1
cg27329005	TAF10;C11orf54	0.293848	0.736531	1.12768	1.12768	0.201772	1.61552	1.61552	0.0110981	3.1053	3.1053	0.459453	1.30737	1.30737	0.345379	1.07195	1.07195		0.705946	1.1444	1.1444	0.563055	0.81216	-1.23128	0.847776	1.07078	1.07078	0.975504	1.02109	1.02109	1.48601	2.98016	1.78264	1
cg00705142	PVRL3	0.293852	0.187784	1.28207	1.28207	0.778815	0.273201	1.20453	0.0613564	1.38694	1.38694	0.167676	0.757688	1.31981	0.592134	0.690897	-1.44775		0.839328	1.1564	1.1564	0.138791	0.59292	-1.68657	0.134331	0.538861	-1.85603	0.0295092	0.325007	-3.07629	1.48608	10.1523	6.28787	1
cg12885476	NAB1	0.293853	0.535171	1.44285	1.44285	0.733574	1.2204	1.2204	0.205246	2.19277	2.19277	0.0304756	0.218685	-4.57278	0.745319	1.20925	1.20925		0.629305	1.32807	1.32807	0.197669	0.449237	-2.22599	0.965961	1.02518	1.02518	0.809748	1.15093	1.15093	1.5312	0.20955	0.409388	1
cg14628049	RAB14 CLDN11;CLDN11;CLDN11;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs.057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs.247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs.5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs.5637 vs. N)	F(Test	SS(Test)	SS(Error)	df
cg12680022	DICCGL;;PIN4	0.294226	0.320694	2.294615	-1.39426	1.932612	0.942564	-1.06094	0.497556	0.617746	1.618739	3.81776	0.928356	-1.06492	0.602615	0.082067	0.259902	-3.8476	0.31119	0.480545	-1.08097	0.927777	0.989343	-1.01077	0.823342	0.855227	0.160284	0.14864	11.504	6.88677	1
cg21504918	GPX3;GPX3	0.294228	0.158058	2.772082	-1.2952	0.590674	0.911138	-1.09753	0.12731	1.32659	1.32659	2.702658	0.936378	-1.06794	0.891781	0.96569	-1.03553	0.649923	0.924675	-1.08146	0.0137487	0.687032	-1.44554	0.167511	0.777124	-1.2868	0.888418	1.02435	1.02435	0.690788	0.413538	1
cg24965984	GPAM	0.29423	0.900458	0.938714	-1.06529	0.360186	1.608711	1.608711	0.06606471	2.91241	2.91241	0.917704	1.05362	1.05362	0.248272	1.84041	1.84041	0.886574	1.0748	1.0748	0.328658	1.66453	1.66453	0.102677	0.405569	-2.46567	0.236906	1.87064	1.87064	1.48483	6.00664	3.59586	1
cg11837411	AGAP3;AGAP3	0.294242	0.744644	0.861582	-1.16096	0.0979029	2.288057	2.288057	0.2	2.288057	0.0863982	2.37152	2.37152	0.841223	0.995375	1.09575	0.62422	0.798546	-1.25241	0.119176	0.4625097	-2.16317	0.655381	0.814937	-1.22709	0.305705	1.62168	1.62168	0.871589	0.928911	-1.07053	1.4682	4.88678	2.92547	1
cg22824415	LONRF3;LONRF3	0.294232	0.0567873	0.0586518	-17.0498	0.44262	0.35708	-2.8005	0.865665	1.24948	1.24948	0.359558	0.345298	0.963985	0.950767	-1.05178	0.0516465	0.0542764	-18.4242	?	?	0.736977	0.641838	-1.55803	0.99805	0.998271	-1.00173	1.48578	36.1951	24.3609	1
cg03958313	SFEQ	0.657201	1.31149	1.31149	0.0616912	3.58841	1.58841	1.58841	0.0226024	5.24661	5.24661	0.491141	1.52894	1.52894	0.513775	1.49485	1.49485	0.319743	1.88683	1.88683	0.472487	1.5584	1.5584	0.553654	1.43872	1.43872	0.584074	0.715398	1.39782	1.44682	8.68688	5.18916	1
cg16689634	CYP4X1	0.294251	0.83606	0.973583	-1.02713	0.782114	1.03647	1.03647	0.650531	1.0607	1.0607	0.449176	1.10478	1.10478	0.66014	1.05884	1.05884	0.374672	0.888936	-1.12494	0.965652	0.994452	-1.00558	0.267226	0.861277	-1.16107	0.0174931	1.45308	1.45308	1.48476	0.392558	0.235014	1
cg12123575	MAEL	0.294252	0.165737	0.694769	-1.43933	0.273758	1.37011	1.37011	0.326548	0.880475	0.880475	-1.15575	0.399552	1.24841	1.24841	0.41625	0.814904	-1.22714	0.481449	0.838387	-1.19277	0.1005351	0.15814	1.55814	0.30208	0.954154	-1.30284	0.344487	0.786723	-1.2711	1.48476	1.4271	0.854437	1
cg08393180	RP9	0.294253	0.6045666	1.54305	1.54305	0.09205	2.56525	2.56525	0.048814	0.3715	2.7115	0.711709	1.50375	1.50375	0.0198787	0.0415109	-24.0901	?	?	0.616709	1.56859	1.58568	1.58568	0.657405	2.21909	2.21909	0.602494	0.563081	-1.78227	1.53014	25.4371	14.5461	2
cg01026882	STXBP6	0.294256	0.0755418	0.37206	-2.68774	0.2230182	0.256986	-3.89127	0.478373	0.697534	-1.43362	0.775591	0.866894	-1.15354	0.444297	0.67723	-1.4766	0.2581	0.554465	-1.80354	0.125562	0.436703	-2.28987	0.403742	0.653463	-1.53265	0.593068	0.763701	-1.30941	1.48475	5.87323	3.51619	1
cg14242958	KIAA1377;ANGPTL5	0.294258	0.219144	1.17658	1.17658	0.0425284	0.756158	1.32275	0.0526	0.644291	0.975245	-1.02538	0.845372	0.882318	1.13348	0.884631	0.802229	-1.24651	0.617496	0.838611	-1.19264	0.124434	0.831083	-1.20292	0.574727	1.72994	0.733165	0.957855	1.044	1.04874	0.73732	0.222902	1
cg08296263	KIF13B	0.294263	0.263703	0.634398	-1.5763	0.434406	0.35309	1.93309	0.902271	0.954493	-1.04768	0.753201	1.12701	1.12703	0.0290808	0.3777107	-2.65177	0.500465	1.29601	1.29601	0.394181	1.39221	1.39221	0.724385	1.14365	1.14365	0.262227	0.641967	-1.55771	1.48473	3.38013	2.02364	1
cg05369553	ORAI3	0.294262	0.237782	0.392521	-2.54764	0.0588306	0.19827	-5.04264	0.0554075	0.223676	-4.47074	0.498056	0.594282	-1.6827	0.0997837	0.2154483	-3.91416	0.270859	0.420086	-2.38047	0.362326	0.4132	-2.42013	0.616604	1.46506	1.46506	0.810108	0.8335	-1.19976	1.48473	15.4192	8.05787	1
cg25347337	PNPT1	0.294263	0.173843	1.21562	1.21562	0.0640886	0.755175	-1.3242	0.343416	0.876591	-1.14078	0.651081	0.940408	-1.06337	0.119443	1.25611	1.25611	0.527315	1.02028	1.02028	0.924058	1.01295	1.01295	0.508005	1.09486	1.09486	0.763361	1.04066	1.04066	1.48472	0.428241	0.266384	1
cg12017434	SCGB1	0.294267	0.324276	0.515183	-1.94106	0.0205692	0.162431	-6.15648	0.133035	0.347869	-2.87464	0.937045	0.949836	-1.05281	0.195032	0.409422	-2.44247	0.403672	0.573069	-1.74499	0.221704	0.433081	-2.30904	0.267029	0.470769	-2.12438	0.999789	1.00017	1.00017	1.48471	9.98145	5.97584	1
cg17589175	PRDX5;PRDX5;TRMT112;PRDX5	0.294268	0.256041	1.19134	1.19134	0.0316912	3.58841	1.58841	0.0226024	5.24661	5.24661	0.491141	1.52894	1.52894	0.513775	1.49485	1.49485	0.319743	1.88683	1.88683	0.472487	1.5584	1.5584	0.553654	1.43872	1.43872	0.584074	0.715398	1.39782	1.44682	8.68688	5.18916	1
cg05133578	SLC38A1;SLC38A1	0.29427	0.27663	0.726558	-1.37635	0.0460498	0.524468	-1.90669	0.768853	1.08675	1.08675	0.981246	0.993387	-1.00666	0.77822	1.08297	1.08297	0.746373	1.09594	1.09594	0.0908543	0.591058	-1.69188	0.0973619	0.598367	-1.67122	0.81325	0.935377	-1.06909	1.4847	1.87386	1.12188	1
cg13866190	FLI14107;BIN3	0.294271	0.270393	0.50189	-1.99247	0.0161101	0.183029	-5.46363	0.0884729	0.324697	-3.0798	0.644656	0.756372	-1.32175	0.316943	0.537377	-1.86159	0.194351	0.592126	-1.68863	0.172742	0.418126	-2.39072	0.818267	0.870883	-1.14826	0.567284	0.706577	-1.41527	1.4847	8.4441	5.07942	1
cg04542430	CHRNA10	0.294278	0.307678	0.790533	-1.29949	0.198505	1.40089	1.40089	0.701372	1.10031	1.10031	0.112113	0.852035	-1.53366	0.511283	0.847652	-1.17973	0.793457	1.06726	1.06726	0.0812877	1.61517	1.61517	0.932044	1.02138	1.02138	0.3088	1.29865	1.29865	1.48468	1.44728	0.866501	1
cg01805480	FBXL1	0.294282	0.42852	1.20743	1.20743	0.141925	1.44519	1.44519	0.929763	1.02077	1.02077	0.643389	0.896079	-1.11485	0.883006	1.03494	1.03494	0.100357	1.52164	1.52164	0.142691	1.44402	1.44402	0.748779	1.07781	1.07781	0.0367608	1.76084	1.76084	1.48467	1.27879	0.765629	1
cg04984248	MANX1	0.294284	0.101162	0.788095	-1.57073	0.0179402	0.0885212	-11.2959	0.0205641	0.541269	1.84791	0.977402	0.989523	-1.01501	0.265641	0.541269	-1.84791	0.0197585	0.965404	1.03585	0.251601	1.24955	1.24955	0.531387	1.37924	1.37924	0.0170428	1.43541	1.43541	1.48466	6.50557	3.89498	1
cg13297988	ARL8B	0.294286	0.124175	0.681123	-1.46816	0.41674	0.285773	-1.21099	0.697095	0.931726	-1.07442	0.21966	0.742517	-1.34677	0.204941	0.734548	-1.36138	0.692206	0.912311	-1.09612	0.153572	0.702976	-1.42252	0.0301345	0.555341	-1.80069	0.62439	1.12056	1.12056	1.48465	1.25098	0.748982	1
cg23288103	BOK	0.294291	0.621458	0.78997	1.26511	0.0405693	0.327389	3.05387	0.0552603	0.1843	5.42503	0.144504	0.414505	2.41205	0.0488559	0.2048	4.88281	0.709239	1.41073	1.41073	0.0444504	0.492659	2.03006	0.0494284	0.702193	1.42371	0.0444504	0.480654	-2.07638	0.7550333	1.15128	1.15128	1.48464	4.70825	2.85187	1
cg20588868	LGI1	0.294294	0.0723103	2.12729	2.12729	0.488768	0.767446	-1.30302	0.108283	0.517161	-1.93363	0.263	0.644547	-1.55148	0.490045	0.768061	1.30198	0.919313	1.03887	1.03887	0.26622	1.54652	1.54652	0.558381	1.24951	1.24951	0.656206	1.844824	1.18368	1.48463	3.33069	1.99418	1
cg18126840	C2orf34	0.294295	0.234268	0.623945	-1.60271	0.0321957	0.387104	-2.58329	0.822621	0.918567	-1.08865	0.364109	1.42308	1.42308	0.476296	1.0607	1.0607	0.593316	1.2262	1.2262	0.374201	1.41209	1.41209	0.282492	1.52575	1.52575	0.687235	0.858033	-1.16546	1.48462	3.36507	2.01477	1
cg14784944	RAD6	0.294297	0.360816	1.19194	1.19194	0.0515701	1.23908	1.23908	0.197393	1.34945	1.34945	0.377738	0.904156	-1.10583	0.388902	1.75136	1.75136	0.597305	1.04644	1.04644	0.519267	1.23402	1.23402	0.440379	1.18218	1.18218	0.592603	1.754826	-1.32481	0.263031	1.33354	1.33354	1.48461	1.94241	0.63782	1
cg11002851	C4orf19	0.294298	0.641232	1.83039	1.83039	0.490916	0.393454	-2.54159	?	?	?	?	?	?	?	?	?	0.0582767	0.0506365	-19.7486	?	?	0.105594	0.0901491	-11.0927	0.852759	0.787887	-1.26922	1.67339	26.6587	13.2758	1
cg09339007	MRPL27	0.29431	0.564903	1.08246	1.08246	0.156101	0.926222	1.47043	0.0831198	0.770088	-1.29856	0.227978	1.18801	1.18806	0.452954	0.901125	-1.10972	0.653823	0.940382	-1.0634	0.104449	1.27339	1.27339	0.678887	1.05937	1.05937	0.91661	0.435995	0.261046	1.48459	0.26104	0.161964	1
cg03756778	SLC03A1;SLC03A1	0.294302	0.0785057	0.314724	-3.17738	0.479823	0.12595	-1.52945	0.276356	0.95383	1.95383	0.177634	0.428495	-2.33375	0.0970747	0.341496	-2.92829	0.393306	0.596143	-1.67745	0.429067	0.620306	-1.61211	0.314518	0.540492	-1.85017	0.741128	0.821919	-1.21666	1.4846	2.22785	4.92633	1
cg26427115	C2orf70	0.294307	0.152764	0.524323	-1.90722	0.0408562	0.369647	-2.70529	0.443903	0.719577	-1.38971	0.217281	0.578519	-1.72855	0.100515	0.468359	-2.13511	0.19971	0.564844	-1.7704	0.106056	0.475104	-2.1048	0.242244	0.596898	-1.67533	0.598252	0.799117	-1.2513	1.44659	4.1795	2.50245	1
cg26148651	ITTB1;ITTB1;ITB1	0.294308	0.367889	1.26796	1.26796	0.0510097	0.510107	-1.96176	0.375555	0.748894	-1.33556	0.134262	0.672148	-1.48768	0.0621177	0.5045509	-1.98204	0.630854	0.805685	-1.24114	0.189099	0.844596	1.18396	0.165351	0.943459	-1.06015	0.914548	0.929416	1.07553	1.07553	1.48456	0.428582	0.285166	1
cg09134003	NEUROG2	0.29431	0.897641	0.977565	-1.02295	0.158033	1.30486	1.30486	0.31705	1.22087	1.22387	0.923564	0.983223	-1.01706	0.344398	1.18733	1.18733	0.924362	0.983097	-1.01688	0.0435872	0.664267	-1.50542	0.977418	0.995022	-1.005	0.226266	1.25108	1.25108	1.48458	0.730821	0.437577	1
cg06375539	GJB3;GJB3	0.294311	0.621458	0.78997	1.26511	0.0405693	0.327389	3.05387	0.0552603	0.1843	5.42503	0.144504	0.414505	2.41205	0.0488559	0.2048	4.88281	0.709239	1.41073	1.41073	0.0444504	0.492659	2.03006	0.0494284	0.702193	1.42371	0.0444504	0.480654	-2.07638	0.7550333	1.15128	1.15128	1.48454	4.70825	2.85187	1
cg23114881	SPATA7;SPATA7	0.294311	0.374555	0.772802	-1.29399	0.117719	0.612732	-1.63204	0.697522	1.11678	1.11678	0.0565917	0.543201	-1.84094	0.385704	1.28591	1.28591	0.284518	0.730246	-1.3694	0.307048	1.34853	1.34853	0.727361	1.10404	1.10404	0.845854	0.946448	-1.05658	1.44577	0.881801	1.12572	1
cg05751189	SLC9A4	0.294315	0.149399	0.416176	-2.40283	0.979653	0.985642	-1.01457	0.203855	0.467429	-2.13936	0.656623	0.294146	-3.39967	0.155123	0.421982	-2.36977	0.0654106	0.309494	-3.23108	0.284406	0.535256	-1.86827	0.239338	0.497196	-2.01128	0.270398	0.521635	-1.91705	1.44656	7.56153	4.52746	1
cg00330096	NUBP1	0.294316	0.185511	1.19194	1.19194	0.0515701	1.23908	1.23908	0.197393	1.34945	1.34945	0.377738	0.904156	-1.10583	0.388902	1.75136	1.75136	0.597305	1.04644	1.04644	0.519267	1.23402	1.23402	0.440379	1.18218	1.18218	0.592603	1.754826	-1.32481	0.263031	1.33354	1.33354	1.48454	1.94241	0.63782	1
cg08262466	NKAIN2	0.294319	0.558937	0.692323	-1.44441	0.340618	0.542811	-1.84226	0.0237822	0.186608	-5.35883	0.83957	1.08685	1.08685	0.106943	0.334555	-2.98905	0.701305	1.27097	1.27097	0.410655	0.592473	-1.68784	0.457977	1.60034	1.60034	0.782207	1.84163	-1.18817	1.48455	9.10127	5.44947	1
cg18846056	NFS1	0.294321	0.382128	0.577224	-1.73284	0.0242696	0.256356	-3.90187	0.383842	0.540408	-1.85037	0.383842	0.578312	-1.72977	0.410696	0.602807	-1.65891	0.0106021	0.210666	-4.74685	?	?	0.162723	0.363219	2.75191	0.0562867	0.26575	-3.76293	0.597904	2.7228	-1.38351	0.202524	0.478957	0.887857	1.12655	1.48451	8.87611	6.23142	1
cg15386368	PPM1E	0.294321	0.2289	2.22485	2.22852	0.959091	0.96797	-1.03309	0.887902	1.75136	1.75136	0.519756	0.513305	1.51305	?	?	?	?	?	0.0323266	0.90636	0.490636	0.763241	0.825531	1.21134	1.21134	0.548645	0.32135	0.57019	1.48451	0.32135	0.57019	1
cg13495532	HSP90AB1	0.294325	?	?	?	0.505163	0.610855	-1.63705	0.049374	0.512901	1.51201	?	?	?	0.588183	0.673125	-1.48959	0.615741	1.4461	1.4461	0.413846	1.83844	1.83844	0.140625	3.17514	3.17514	0.309931	2.1509	2.1509	1.48623	9.72769	7.48024	1
cg23290512	GDF10	0.294327	0.134999	0.498265	-2.00697	0.0124722	0.149224	6.70028	0.0127371	0.932544	-1.07234	0.203386	0.559643	-1.78685	0.0196241	0.3511344	-2.84797	0.647505	0.881525	-1.13452	0.117642	0.476651	-2.09485	0.0147274	0.657916	-1.52077	0.221576	0.5738	-1.74277	1.44643	0.894791	0.635992	0.261046	1
cg11236966	KIF26B	0.294332	0.120499	0.723895	-1.38142	0.627207	0.09845	1.09845	0.544362	0.888941	-1.12493	0.101795	1.41008	1.41008	0.63483	1.09254	1.09254	0.493607	0.875127	-1.14269	0.233451	1.27085	1.27085	0.507241	0.8789	-1.13779	0.183433	0.762772	-1.31101	1.44651	0.865485	0.518231	1
cg11657155	GSTCD	0.294333	0.883231	1.1892	1.1892	0.0779479	0.477737	2.09325	0.0453953	0.16397	6.09955	0.0453953	0.16397	6.09955	0.0453953	0.16397	6.09955	0.0153198	0.65378	1.52939	0.0153198	0.65378	1.52939	0.0153198	0.65378	1.52939	0.0153198	0.65378	1.52939	0.0153198	0.65378	1.52939	1.44643	0.742142	0.0153198	0.65378	1.52939	1.48451	0.858451	-1.16489

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(1347T vs. N)	Fold-Change(1 vs.1347T)	p-value(1437T vs. N)	Fold-Change(1 vs.1437T)	p-value(1537T vs. N)	Fold-Change(1 vs.1537T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(563T vs. N)	Fold-Change(1 vs.563T)	F(Test)	SS(Test)	SS(Error)	
cg01949798	NIPAL2	0.2947	0.300231	1.17579	-1.31941	1.07073E+08	1.68447	1.48447	0.409258	1.2435	1.2435	0.917562	0.979973	-1.02044	0.8885307	0.615662	-1.62427	0.977089	1.00744	1.007744	0.195663	0.702312	-1.42387	0.847179	0.953199	-1.05108	1.8646	1.04506	1.48317	1.56651	0.938708	1
cg14559881	RAB4A;RAB4A	0.294706	0.107724	0.492453	-2.03065	0.553873	1.27335	1.27335	0.630284	1.21618	1.21618	0.586305	1.248626	1.24826	0.178516	1.097197	1.09797	0.994924	0.997436	-1.00257	0.04020243	0.384192	-2.60287	0.323773	0.662814	-1.50872	0.355766	1.46717	1.46717	1.48335	3.82594	2.29267	1
cg07730270	ZNF622	0.2947	0.414103	0.884441	-1.13066	0.478602	1.11177	1.11177	0.552541	1.0924	1.0924	0.549546	1.09315	1.09315	0.771273	0.958031	-1.04381	0.830776	0.969012	-1.03198	0.119693	0.7801	-1.28189	0.957474	1.00787	1.00787	0.03030106	1.45432	1.45432	1.48332	0.508252	0.304572	1
cg21057107	C12orf76	0.31287	0.481647	-2.07621	1.003062	2.139178	2.139178	2.139178	0.818913	0.607484	-1.10195	0.921697	0.959232	-1.0425	0.121297	0.491085	-2.03631	0.34576	0.662946	-1.50842	?	?	0.345908	0.663034	-1.50822	0.868109	0.93205	-1.07289	1.48424	3.74466	2.52294	1
cg04459865	IFT172	0.294721	0.594452	0.921015	-1.08576	0.702848	1.06044	1.06044	0.425884	1.13258	1.13258	0.672359	0.936942	-1.0673	0.499691	0.900404	-1.11061	0.286412	0.84408	-1.18472	0.886283	0.978328	-1.02215	0.03505373	0.145614	1.45654	0.136694	1.27825	1.27825	1.48331	0.550784	0.330064	1
cg18030774	SLC46A1	0.294723	0.847627	1.03847	1.03847	0.974473	0.993741	-1.0063	0.981488	1.00456	1.00456	0.265825	1.25347	1.25347	0.678818	0.921548	-1.08513	0.512013	1.13938	1.13938	0.072105	0.560799	-1.76741	0.673118	0.920115	-1.08682	0.404796	1.18205	1.18205	1.4833	0.900424	0.541989	1
cg03927302	PRPS1	0.294723	0.575758	0.661417	-1.51191	0.687382	0.251615	-3.97432	0.565112	0.653639	-1.5299	0.144132	3.51344	3.51344	0.102647	0.270972	-3.69042	0.18878	0.361306	-2.76773	0.530622	0.628488	-1.59112	0.928611	1.06771	1.06771	0.97794	0.979987	-1.02042	1.4833	12.5589	7.52608	1
cg26287843	LMF1	0.294723	0.232966	0.762876	-1.31083	0.678553	0.683757	-1.46259	0.991203	0.91968	-1.08734	0.91569	1.02318	1.02318	0.019074	0.596406	-1.67671	0.940813	0.984059	-1.0162	0.302452	1.33806	1.33806	0.968218	1.00866	1.00866	0.594284	0.890169	-1.12338	1.48328	1.10021	0.659326	1
cg20130759	LOC339524	0.294731	0.527536	0.800392	-1.24939	0.691303	0.870375	-1.14893	0.10898	0.544437	-1.83676	0.738636	1.12353	1.1253	0.798166	1.093321	1.09323	0.870817	1.05824	1.058424	0.607644	2.16878	0.805128	1.59204	1.59204	0.313982	1.45651	1.48328	1.43651	1.48328	2.8423	1.70331	1
cg00473639	KIRREL3;KIRREL3	0.294735	0.855392	0.884839	-1.13015	0.2270018	5.79061	5.79061	0.102257	3.3179	3.3179	0.983338	0.986092	-1.0141	0.989716	1.00868	1.00868	0.776055	1.2108	1.2108	0.62689	0.71997	-1.38895	0.276152	0.467791	-2.13771	0.902055	0.920745	-1.08608	1.48326	10.5666	6.33236	1
cg19311055	RNF5P1	0.294736	0.121165	1.03092	1.03092	0.824731	2.123243	-1.4025	0.047789	0.231651	-4.31684	0.517394	0.654979	-1.52703	0.245121	0.49407	-2.02398	0.302675	0.5024	-1.99045	0.179084	0.398448	-2.50974	0.467592	0.620335	-1.61047	0.731095	0.800584	-1.24989	1.48326	9.76429	5.85156	1
cg05786840	WNT3A	0.294751	0.697123	1.05057	1.05057	0.303086	1.37877	1.37877	0.357517	1.1267	1.1267	0.570421	1.07344	1.07344	0.504421	0.917346	-1.0901	0.698661	0.952117	-1.05029	0.163682	0.829044	-1.20621	0.847234	0.970748	1.03685	0.103685	0.309822	1.14175	1.14175	1.48321	0.37373	0.223976	1
cg26877851	TRIM45;TRIM45	0.294753	0.320579	0.491042	-2.02699	0.2926822	0.279773	-3.57433	0.163529	0.329478	-3.03264	0.68866	1.39545	1.39545	0.342975	0.510382	-1.95932	0.970644	1.02566	1.025661	0.780376	0.824798	-1.21242	0.890557	0.961076	1.04039	0.579846	0.808233	-1.23727	1.48321	11.1337	6.67341	1
cg23604959	IRAK1;IRAK1;IRAK1	0.294752	0.359045	0.613384	-1.6303	0.2034302	0.26756	-3.73747	0.0658224	0.343078	-2.91479	0.588633	0.753533	-1.32708	0.141875	0.441101	-2.26706	0.763584	0.855273	-1.16922	0.923282	1.05091	1.05091	0.852752	1.10108	1.10108	0.361722	0.615147	-1.62563	1.48321	6.30953	3.78131	1
cg25994871	NRCAM;NRCAM	0.294752	0.170133	0.460031	-2.17376	0.0093543	1.0624	1.0624	0.399719	0.632454	-1.58114	0.585644	1.33985	1.33985	0.167737	0.457762	-2.18454	0.400921	0.633228	-1.57921	0.034235	0.269043	-3.71687	0.517814	0.41687	1.41687	0.263983	0.538594	-1.85669	1.48321	6.63454	3.97608	1
cg10901997	SDCAP	0.294753	0.54618	0.688051	-1.45127	0.6416078	1.75218	1.75218	0.153405	0.612955	-1.61403	0.4225	1.62655	1.62655	0.413828	0.525606	-1.90228	0.55055	1.15511	1.155511	0.208412	1.37249	1.37249	0.792988	1.06481	1.06481	0.930516	1.02104	1.02104	1.48321	1.3981	0.802471	1
cg06951363	FH	0.294754	0.11516	0.682009	-1.46626	0.225027	0.752228	-1.32938	0.0815595	1.53927	1.53927	0.365019	0.812241	-1.23116	0.709004	0.919653	-1.08737	0.846221	0.957545	-1.04434	0.149647	0.70812	-1.41219	0.717689	0.922081	-1.0845	0.59136	1.12872	1.12872	1.48322	1.17264	0.702765	1
cg23175190	ADRBK2	0.294762	0.978441	0.996236	-1.00378	0.831499	1.031091	1.031091	0.93861	1.12978	1.12978	0.504859	1.099044	1.09904	0.234964	0.84052	-1.18974	0.681251	0.940398	-1.05934	0.0361238	0.711684	1.40512	0.915414	0.985282	-1.01494	0.150138	1.24023	1.24023	1.48318	0.457646	0.274214	1
cg00235260	ADAMTS17	0.294765	0.215787	0.69241	-1.44509	0.2753078	0.432734	-2.31898	0.663864	0.832396	-1.20135	0.351381	0.668731	-1.49537	0.324109	0.623512	-1.53301	0.726255	0.861134	-1.16126	0.306823	0.55868	1.55868	0.126421	0.499743	-2.00103	0.58608	1.25945	1.25945	1.48317	4.13444	2.47785	1
cg19578881	CUEDC2	0.294766	0.964032	0.98811	-1.01203	0.1199334	0.63924	-1.56436	0.277998	0.741398	-1.3488	0.538034	1.17984	1.17984	0.186023	1.45048	1.45048	0.522364	1.18764	1.18764	0.174442	0.681701	-1.46692	0.847086	0.950082	-1.05254	0.158561	1.49146	1.49146	1.48317	1.65258	0.990422	1
cg15068641	AGAP1;AGAP1	0.294769	0.175911	0.488204	-2.0549	0.4477059	0.222621	-4.3025	0.047789	0.231651	-4.31684	0.517394	0.654979	-1.52703	0.245121	0.49407	-2.02398	0.393388	0.639311	-1.56424	0.179084	0.398448	-2.50974	0.467592	0.620335	-1.61047	0.731095	0.800584	-1.24989	1.48326	9.76429	5.85156	1
cg27374423	UHRF1BP1;UHRF1BP1	0.294774	0.979924	0.994373	-1.00566	0.729716	0.925164	-1.08089	0.937052	0.982442	-1.01787	0.425401	1.20027	1.20027	0.164052	0.716762	-1.39516	0.698661	0.952117	-1.05029	0.163682	0.829044	-1.20621	0.847234	0.970748	1.03685	0.103685	0.309822	1.14175	1.14175	1.48321	0.37373	0.223976	1
cg00339241	VPS18	0.294777	0.665089	0.894252	-1.12109	0.56524	0.720119	1.020319	0.610885	0.329478	-3.03264	0.68866	1.39545	1.39545	0.342975	0.510382	-1.95932	0.970644	1.02566	1.025661	0.780376	0.824798	-1.21242	0.890557	0.961076	1.04039	0.579846	0.808233	-1.23727	1.48321	11.1337	6.67341	1
cg08291302	EDN1;EDN1	0.294779	0.047825	0.456898	-2.18867	0.703161	1.14248	1.14248	0.289702	1.46214	1.46214	0.0767511	0.506375	-1.97482	0.996025	1.00172	1.00172	0.342332	0.713042	-1.40244	0.587981	0.827708	-1.20816	0.257173	0.664442	-1.50502	0.845741	0.934881	-1.06966	1.48313	2.80715	1.68242	1
cg06464781	RASGRP2;RASGRP2;RASGRP2	0.294785	0.942701	0.973257	-1.02748	0.912674	1.04224	1.04224	0.360474	0.701503	-1.42651	0.417417	0.731607	-1.36685	0.104246	1.9538	1.9538	0.809125	0.912779	-1.09556	0.0321761	0.257593	2.57593	0.783035	1.11119	1.11119	0.566439	0.803691	-1.24426	1.48311	3.34044	2.00207	1
cg00124009	PHLDA3	0.294787	0.307673	0.489766	-2.04161	0.4452078	1.75218	1.75218	0.153405	0.612955	-1.61403	0.4225	1.62655	1.62655	0.413828	0.525606	-1.90228	0.55055	1.15511	1.155511	0.208412	1.37249	1.37249	0.792988	1.06481	1.06481	0.930516	1.02104	1.02104	1.48321	1.3981	0.802471	1
cg12111272	PPIA	0.294789	0.431951	1.47889	1.47889	0.266616	0.787264	-1.27022	0.692793	1.21376	1.21376	0.263905	1.76869	1.76869	0.957027	1.02664	1.02664	0.30169	0.593304	-1.68548	0.0267934	3.5964	3.5964	0.2954	0.588964	-1.6979	0.964629	1.02187	1.02187	1.48309	5.59098	3.35094	1
cg24741712	AGAP1;AGAP1;AGAP1;AGAP1	0.294792	0.916063	0.973728	-1.02703	0.60058	1.18423	1.24823	0.353867	1.18915	1.18915	0.963636	0.981842	-1.01642	0.163097	0.609316	-1.64176	0.779561	0.909349	-1.09969	0.0848378	0.52467	1.90676	0.058909	0.480114	-2.08181	0.825086	0.92779	-1.07784	1.48301	2.60388	1.61466	1
cg18037858	HCCA2	0.294793	0.543609	0.746038	-1.29098	0.0816901	2.22902	2.22902	0.991782	1.00429	1.00429	0.264125	0.618185	-1.64257	0.184061	1.08401	1.08401	0.585625	1.25698	1.25698	0.0159191	0.462203	-2.16355	0.268201	0.164998	1.61498	0.39123	1.44045	1.44045	1.48308	4.05399	2.42977	1
cg02626269	FBXO31;FBXO31	0.294797	0.419405	1.6687	1.6687	0.0106403	7.34008	7.34008	0.216826	2.24013	2.24013	0.767841	1.20169	1.20169	0.607122	1.37975	1.37975	0.198686	2.32333	2.32333	0.479472	1.56233	1.56233	0.730924	1.23894	1.23894	0.840873	1.13289	1.13289	1.48307	9.04799	5.42297	1
cg02462994	KLF14	0.294799	0.342112	0.747483	-1.33796	0.2572448	0.70457	-1.41953	0.363696	0.824441	1.2127	0.147364	2.03441	2.03441	0.36368	1.41751	1.41751	0.112397	0.469946	-2.12766	0.238619	0.40414	-2.47439	0.043619	0.178152	5.61356	1.48762	0.679518	1.35624	1.48305	7.58549	4.29997	1
cg03614734	CNST;TFB2M;CNST	0.294801	0.714246	0.9256	-1.08038	0.3569395	1.58499	1.58499	0.160145	1.37045	1.37045	0.366161	0.822681	-1.21554	0.494673	1.15695	1.15695	0.800724	0.948217	-1.05461	0.22384	0.764405	-1.30821	0.476263	0.858751	-1.16448	0.415596	1.19117	1.19117	1.48306	1.03812	0.622213	1
cg14331998	CCHCR1;CCHCR1;CCHCR1	0.294803	0.361475	0.732525	-1.22109	0.5624	0.823167	-1.46334	0.310881	0.764394	-1.4197	0.885925	1.10028	1.10028	0.417465	0.744258	-1.34355	0.296334	0.548771	-1.81994	0.0176552	0.427548	-2.33892	0.830614	0.990429	-1.10323	0.413344	0.681337	-1.46777	1.48313	0.44022	0.268683	1
cg09975841	FAM86A;FAM86A	0.294805	0.593596	1.09774	1.09774	0.704771	0.93622	-1.06812	0.976143	1.00519	1.00519	0.0406425	0.664151	-1.50568	0.0803162	1.39918	1.39918	0.342332	0.713042	-1.40244	0.587981	0.827708	-1.20816	0.257173	0.664442	-1.50502	0.845741	0.934881	-1.06966	1.48313	2.80715	1.68242	1
cg00464781	RASGRP2;RASGRP2;RASGRP2	0.294785	0.942701	0.973257	-1.02748	0.912674	1.04224	1.04224	0.360474	0.701503	-1.42651	0.417417	0.731607	-1.36685	0.104246	1.9538	1.9538	0.809125	0.912779	-1.09556	0.0321761	0.257593	2.57593	0.783035	1.11119	1.11119	0.566439	0.803691	-1.24426	1.48311	3.34044	2.00207	1
cg00124009	PHLDA3	0.294787	0.307673	0.489766	-2.04161	0.4452078	1.75218	1.75218	0.153405	0.612955	-1.61403	0.4225	1.62655	1.62655	0.413828	0.525606	-1.90228	0.55055	1.15511	1.155511	0.208412	1.37249	1.37249	0.792988	1.06481	1.06481	0.930516	1.02104	1.02104	1.48321	1.3981	0.802471	1
cg12111272	PPIA	0.294789	0.431951	1.47889	1.47889	0.266616	0.787264	-1.27022	0.692793	1.21376	1.21376	0.263905	1.76869	1.76869	0.957027	1.02664	1.02664	0.30169	0.593304	-1.68548	0.0267934	3.5964	3.5964	0.2954	0.588964	-1.6979	0.964629	1.02187	1.02187	1.48309	5.59098	3.35094	1
cg24741712	AGAP1;AGAP1;AGAP1;AGAP1	0.294792	0.916063	0.973728	-1.02703	0.60058	1.18423	1.24823	0.353867	1.18915	1.18915	0.963636	0.981842	-1.01642	0.163097	0.609316	-1.64176	0.779561	0.909349	-1.09969	0.0848378	0.52467	1.90676	0.058909	0.480114	-2.08181	0.825086	0.92779	-1.07784	1.48301	2.60388	1.61466	1
cg18037858	HCCA2	0.294793	0.543609	0.746038	-1.29098	0.0816901	2.22902	2.22902	0.991782	1.00429	1.00429	0.264125	0.618185	-1.64257	0.184061	1.08401	1.08401	0.585625	1.25698	1.25698	0.0159191	0.462203	-2.16355	0.268201	0.164998	1.61498	0.39123	1.44045	1.44045	1.48308	4.05399	2.42977	1
cg02626269	FBXO31;FBXO31	0.294797	0.419405	1.6687	1.6687	0.0106403	7.34008	7.34008	0.216826	2.24013	2.24013	0.767841	1.20169	1.20169	0.607122	1.37975	1.37975	0.198686	2.32333	2.32333	0.479472	1.56233	1.56233	0.730924	1.23894	1.23894	0.840873	1.13289	1.13289	1.48307	9.04799	5.42297	1
cg02462994	KLF14	0.294799	0.342112	0.747483	-1.33796	0.2572448	0.70457	-1.41953	0.363696	0.824441	1.2127	0.147364	2.03441	2.03441	0.36368	1.41751	1.41751	0.112397	0.469946	-2.12766	0.238619	0.40414	-2.47439	0.043619	0.178152	5.61356	1.48762	0.679518	1.35624	1.48305	7.58549	4.29997	1
cg03614734	CNST;TFB2M;CNST	0.294801	0.714246	0.9256	-1.08038	0.3569395	1.58499	1.58499	0.160145	1.37045	1.37045	0.366161	0.822681	-1.21554	0.494673	1.15695	1.15695	0.800724	0.948217	-1.05461	0.22384	0.764405	-1.30821	0.476263	0.858751	-1.16448	0.415596	1.19117	1.19117	1.48306	1.03812	0.622213	1
cg14331998	CCHCR1;CCHCR1;CCHCR1	0.294803	0.361475	0.732525	-1.22109	0.5624	0.823167	-1.46334	0.310881	0.764394	-1.4197	0.885925	1.10028	1.10028	0.417465	0.744258	-1.34355	0.296334	0.548771	-1.81994	0.0176552	0.427548	-2.33892	0.830614	0.990429	-1.10323	0.413344	0.681337	-1.46777	1.48313	0.44022	0.268683	1
cg10957584	FAM86A;FAM86A	0.294805	0.593596	1.09774	1.09774	0.704771	0.93622	-1.06812	0.976143	1.00519	1.00519	0.0406425	0.664151	-1.50568	0.0803162	1.39918	1.39918	0.342332	0.713042	-1.40244	0.587981	0.827708	-1.20816	0.257173	0.664442	-1.50502	0.845741	0.934881	-1.06966	1.48313	2.80715	1.68242	1
cg00464781	RASGRP2;RASGRP2;RASGRP2	0.294785	0.942701	0.973257	-1.02748	0.912674	1.04224	1.04224	0.360474	0.701503	-1.42651	0.417417	0.731607	-1.36685	0.104246	1.9538	1.9538	0.809125	0.912779	-1.09556	0.0321761	0.257593	2.57593	0.783035	1.11119	1.11119	0.566439	0.803691	-1.24426	1.48311	3.34044	2.00207	1
cg00124009	PHLDA3	0.294787	0.307673	0.489766	-2.04161	0.4452078	1.75218	1.75218	0.153405	0.612955	-1.61403	0.4225	1.62655	1.62655	0.413828	0.525606	-1.90228	0.55055	1.15511	1.155511	0.208412	1.37249	1.37249	0.792988	1.06481	1.06481	0.930516	1.02104	1.02104	1.48321	1.3981	0.802471	1
cg12111272	PPIA	0.294789	0.431951	1.47889	1.47889	0.266616	0.787264	-1.27022	0.692793	1.21376	1.21376	0.263905	1.76869	1.76869	0.957027	1.02664	1.02664	0.30169	0.593304	-1.68548	0.0267934	3.5964	3.5964	0.2954	0.588964	-1.6979	0.964629	1.02187	1.02187	1.48309	5.59098	3.35094	1
cg24741712	AGAP1;AGAP1;AGAP1;AGAP1	0.294792	0.916063	0.973728	-1.02703	0.60058	1.18423	1.24823	0.353867	1.18915	1.18915	0.963636	0.981842	-1.01642	0.163097	0.609316	-1.64176	0.779561	0.909349	-1.09969	0.0848378	0.52467	1.90676	0.058909	0.480114	-2.08181	0.825086	0.92779	-1.07784	1.48301	2.60388	1.61466	1
cg14339353	OL1	0.294816	0.0964559	0.560334	-1.17464	0.557952	0.82858	-1.20688	0.380439	0.7652	-1.3064	0.449541	1.2992	1.2992	0.435924	1.28692	1.28692	0.123998	0.589396	-1.69665	0.651598	1.15518	1.15518	0.458753	0.78709	-1.27052	0.16408	1.6003	1.6003	1.48301	2.30563	1.41792	1
cg19700380	PCDF2	0.294819	0.182971	0.460472	-2.17241	0.8956822	1.07465	1.07465	0.324973	0.558289	-1.67143	0.830678	0.882849	-1.1327	0.0527787	0.708738	-1.34741	0.482185	0.675692	-1.47996	0.0344647	0.281577	3.55143	0.217526	0.490674	-2.03801	0.188802	1.46659	1.46659	1.48299	2.24014	1.46317	1
cg08059465	ARAP2	0.294819	0.204889	0.592999	-1.66862	0.643993	1.18185	1.18185	0.884912	1.0157	1.0157	0.590156	0.812108	-1.23136	0.265334	0.641272	-1.5594	0.68429	1.16938	1.16938	0.108396	2.09512	2.09512	0.14724	1.81356	1.81356	0.210321	1.65741	1.65741	1.483	3.44093	2.06245	1
cg27200190	ACADA;ACADA;ACACA	0.294821	0.660111	1.17371	1.17371	0.683464	1.15995	1.15995	0.590739	1.21712	1.21712	0.724756	1.1365	1.1365	0.230828	1.57608	1.57608	0.0367316	2.40676	2.40676	0.0797873	0.494774	-2.02113	0.885316	1.05362	1.05362	0.903335	1.04496	1.04496	1.483	3.07672	1.84415	1
cg19533122	ADAM32	0.294823	0.127367	0.471276	-2.42492	0.2572448	0.70457	-1.41953	0.363696	0.824441	1.2127	0.147364	2.03441	2.03441	0.36368	1.41751	1.41751	0.112397	0.469946	-2.12766	0.238619	0.40414	-2.47439	0.043619	0.178152	5.61356	1.48762	0.679518	1.35624	1.48305	7.58549	4.29997	1
cg08855504	SPATA18	0.294837	0.450147	1.3168	1.3168	0.116572	0.154436	-3.84014	0.0647599	0.476222	-2.09786	0.337606	0.702358	-1.42412	0.523541	1.26012	1.26012	0.159984	1.3394	1.3394	0.757773	0.895264	-1.11699	0.200931	0.616879	-1.62106	0.440244	0.754653	-1.32511	1.48295	3.00414	1.8007	1
cg00083945	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.294842	0.406205	1.29358	1.29358	0.458561	0.795613	-1.25689	0.909979	1.03486	1.03486	0.0580865	1.91138	1.91138	0.871741	0.952232	-1.05016	0.614001	0.857214	-1.16657	0.0706	0.542214	-1.84429	0.692404	0.886522	-1.128	0.364523	1.32614	1.32614	1.48293	2.15533	1.29193	1
cg08743124	DHBP1	0.294843	0.497336	0.785141	-1.27349	0.2572448	0.70457	-1.41953	0.363696	0.824441	1.2127	0.147364	2.03441	2.03441	0.36368	1.41751	1.41751	0.112397	0.469946	-2.12766	0.238619	0.40414	-2.47439	0.043619	0.178152	5.61356	1.48762	0.679518	1.35624	1.48305	7.58549	4.29997	1
cg14099772	GDA	0.294844	0.7181	0.912838	-1.09548	0.364071	1.26445	1.26445	0.940892	0.981518	-1.01883	0.354466	1.27079	1.27079	0.349456	1.27417	1.27417	0.593182	0.873146	-1.14528	0.163082	0.728403	1.37241	0.211404	1.39265	1.39265	0.713095	1.08992	1.08992	1.483	1.48628	0.890897	1
cg14773107	PSTPIP2	0.294845	0.765765	0.932263	-1.07267	0.395651	0.815264	-1.2265	0.0180865	0.508656	-1.96211	0.071872	0.623884	-1.60286	0.237952	0.742964	-1.34599	0.497603	0.807515	-1.23849	0.629971	0.892383	-1.12072	0.279594	0.765472	-1.30638	0.5361	0.863202	-1.15848	1.48292	1.42107	0.77607	1
cg17333768	FAM174A	0.294847	0.153789	0.47945	-2.07945	0.5797168	0.597167	-1.67457	0.365071	1.26961	1.26961	0.302657	0.760433	-1.31564	0.428058	1.23063	1.23063	0.397678	0.800819	-1.24872	0.36257	0.731504	-1.36717	0.353578	0.926047	-1.07986	0.52765	1.35435	1.35435	1.48292	1.54509	0.926156	1
cg04183158	AP1A2	0.294851	0.107792	1.41832	1.41832	0.0897045	1.85182	-1.45142	0.144979	0.732191	-1.36576	0.832881	1.04298	1.04298	0.291328	1.28101	1.28101	0.576321	0.893671	-1.11898	0.641281	1.09795	1.09795	0.727118	1.07226	1.07226	0.967756	1.09183	1.09183	1.48292	0.931382	0.558293	1
cg08731543	TMEM231;TMEM231;TMEM231	0.294852	0.490705	1.40008	1.40008	0.154809	0.305	-3.27868	0.0655056	0.53893	-1.85497	0.356855	0.738493	1.35405	0.342975	0.510382	-1.95932	0.402875	0.638372	-1.56575	0.164183	0.409705	-2.44183	0.0753138	0.548304	1.82455	0.0705	0.556	-1.80006	1.48291	4.50566	2.72177	1
cg07023704	DLX2	0.294856	0.0507329	0.160425	-6.23343	0.575684	0.628227	-1.59178	0.280209	0.397416	-2.51626	0.405394	0.496689	-2.01333	0.141967	2.3731	2.3731	0.296797	0.410969	-2.43327	0.0360224	0.134685	-7.42474	0.340202	0.445733	-2.2435	0.228708	0.353992	-2.82492	1.48289	15.8711	9.51365	1
cg10828337	FOXG1;FOXG1	0.294856	0.517847	1.21204	1.21204	0.0946669	1.71597	1.71597	0.247345	0.699245	-1.43011	0.576157	0.847336	-1.18017	0.22923	1.45169	1.45169	0.753126	1.06097	1.06097	0.185357	0

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change)	Fold-Change(1217 vs. Change)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg12364786	HERC1	0.2950911	0.4863209	0.605129	-1.65281	0.110494	3.49381	0.145478	3.03529	0.130239	0.7619889	1.238949	0.2189449	0.0960418	0.272298	-3.66327	0.8879961	0.904745	-1.10529	0.404737	0.545763	-1.8323	0.4459946	1.7409	0.476252	0.598144	-1.67184	0.148216	11.8445	7.10345	1
cg05505307	MCM10;MCM10	0.2950902	0.222239	0.508097	-1.96813	0.219021	1.978558	0.978558	0.503196	1.42857	1.42857	0.0909942	0.371571	-2.69128	0.209324	2.01127	2.01127	?	?	?	0.61862	1.30108	0.3617098	1.47408	0.474408	0.670021	0.798734	-1.25198	1.527256	5.774496	3.3086	1
cg15268622	POU2F1	0.2950902	0.7676901	0.924515	-1.08165	0.0450376	1.839311	1.839311	0.0536378	1.78718	1.78718	0.680329	1.11602	1.11602	0.682523	1.11512	1.11512	0.646451	0.884819	-1.13017	0.650074	1.12864	1.12864	0.554607	0.853544	-1.17159	0.2005566	1.43077	1.43077	1.482216	1.64793	0.9883307	1
cg03786846	ATP1IA;ATP1A	0.2950904	0.71334	1.08697	1.08697	0.576247	0.880193	-1.1361	0.559948	1.14251	1.14251	0.324994	1.25863	1.25863	0.3567	1.23894	1.23894	0.7355648	0.926242	-1.07953	0.0228038	1.85116	1.85116	0.229613	0.752081	-1.32964	0.870473	0.963789	-1.03757	1.42115	1.19914	0.7191517	1
cg17340268	AHNAK2	0.2950905	0.4603553	0.839676	-1.19094	0.692307	0.652004	-1.53373	0.0585744	0.680507	-1.64337	0.0219153	0.7366228	-1.35754	0.0765342	0.632534	-1.58094	0.525595	0.861113	-1.16129	0.839992	0.95409	-1.04812	0.184805	0.721104	-1.38676	0.703816	1.09286	1.092866	1.482215	1.26866	0.760854	1
cg07932254	NKAIN3	0.2950908	0.6613388	1.22127	1.22127	0.402871	0.6782286	-1.4743	0.193753	1.86548	1.86548	0.566841	0.7609122	-1.30018	0.0446148	0.353485	2.84507	0.7698681	0.875453	-1.14227	0.28026	1.66355	1.66355	0.348821	1.54861	1.54861	0.46498	1.40102	1.40102	1.482424	2.88475	1	
cg02305961	INF2;INF2;INF2	0.2951061	0.6563861	1.33445	1.33445	0.501781	0.6445119	-1.55155	0.134974	0.354068	-2.82432	0.862119	0.8940339	-1.11852	?	?	?	0.5802227	1.43323	1.43323	0.196119	2.4127	2.4127	0.632086	0.732851	-1.36453	0.0608659	0.90159	0.901594	1.483081	8.66742	5.84446	1
cg01857802	LAPTM4B	0.2951061	0.429526	0.871606	-1.14733	0.5154669	1.118193	1.118193	0.0248805	1.58162	1.58162	0.278569	0.8251142	-1.21191	0.914806	1.0184	1.0184	0.5970798	0.81946	-1.12127	0.7939203	1.05018	1.05018	0.385668	1.20799	1.20799	0.710722	1.06554	1.06554	1.482211	0.6815592	0.408781	1
cg20236995	PRDM16;PRDM16	0.2951061	0.585698	1.26846	1.26846	0.904068	0.3496241	-1.05347	0.0036341	0.94902	-1.05372	0.0536247	1.15726	1.15726	0.33654	1.53435	1.53435	0.0580688	2.52313	2.52313	0.0238187	3.20701	3.20701	0.362174	1.47899	1.47899	0.869008	0.931173	-1.07391	1.4823	0.438155	2.62783	1
cg19083914	BAI1	0.2951112	0.4751133	0.627727	-1.59305	0.278265	0.4853555	-2.06035	0.625897	1.37028	1.37028	0.891824	1.09116	1.09116	0.667673	0.269163	-3.71523	0.2466951	0.459927	-2.17426	0.0329739	0.202102	-4.94801	0.30839	0.508658	-1.96596	0.761813	0.822905	-1.21521	1.4821	9.64991	5.78754	1
cg14767647	NUP153	0.2951117	0.530477	1.33382	1.33382	0.712994	0.7128333	1.128333	0.1616495	1.04803	1.04803	0.812944	0.9953287	1.012845	0.9953287	1.012845	1.012845	0.8285582	1.04473	1.04473	0.0289934	1.56428	1.56428	0.152764	1.13855	1.13855	0.708373	1.07887	1.07887	1.4821	0.9564002	0.573363	1
cg11291745	MYO5C	0.2951106	0.0689103	0.456898	-2.18867	0.111088	0.512775	-1.95017	0.59643	0.814126	-2.28331	0.0878799	0.4766724	-2.09787	0.0943251	0.595568	-1.67337	0.68584	0.855140	-1.16939	0.0487829	0.420666	-2.37718	0.2698015	0.591542	-1.6905	0.16274	0.563609	-1.77428	1.48208	3.47547	2.08443	1
cg06907553	FHL2;FHL2;FHL2;FHL2	0.2951118	0.107972	0.42659	-2.36559	0.4164665	0.501946	-1.98373	0.637122	1.48142	1.48142	0.627768	1.497098	1.497098	1.497098	1.497098	1.497098	0.2994041	0.42878	-2.33078	0.402138	2.33235	2.33235	0.0289947	0.41558	0.41558	0.1925553	3.12896	3.12896	1.48208	16.0572	9.63942	1
cg21413009	DAPK2	0.2951124	0.0236072	0.394623	-2.53406	0.1414666	0.5652263	-1.76909	0.1572572	0.5903151	-1.69401	0.1354886	0.5794928	-1.72645	0.1284172	0.5900352	-1.69479	0.7062312	0.877863	-1.13913	0.2640888	0.6794236	-1.47213	0.3100228	0.6967216	-1.4353	0.5162233	0.7973672	-1.25413	1.48206	2.77786	1.666071	1
cg07924081	PPP1R13L;PPP1R13L	0.2951125	0.141437	0.6802005	-1.47015	0.639342	1.1219	1.1219	0.584216	1.14417	1.14417	0.820765	0.9461991	-1.05686	0.193416	0.658529	-1.51854	0.841115	0.952262	-1.05013	0.857125	1.0449	1.0449	0.0479856	0.576423	-1.73484	0.358236	1.2589	1.2589	1.48206	1.39405	0.836107	1
cg16502826	AGRN	0.2951129	0.916885	0.956221	-1.04578	0.8854544	2.9011	2.9011	0.0536248	2.56265	2.56265	0.1388251	1.6883	1.6883	0.3691268	1.48503	1.48503	0.3864536	1.68333	1.68333	0.14542	2.69069	2.69069	0.0242064	2.02477	2.02477	0.0458973	1.16418	0.634337	1.22815	1.22815	0.3076868	1.76792	1.48206	4.31724	2.58966	1
cg00008033	ZNF613;ZNF613	0.2951137	0.4065993	0.819885	-1.21968	0.22905	0.7443413	-1.34347	0.152911	1.43056	1.43056	0.994179	0.9982954	-1.00171	0.9685611	1.144431	1.144431	0.6598487	0.901584	-1.10916	0.0519459	0.596148	-1.67744	0.2595911	0.7505011	-1.31665	0.2980899	0.777013	-1.28698	1.48202	1.28428	0.770285	1
cg25387309	SVIL;SVIL	0.2951144	0.184002	0.708823	-1.41079	0.3754333	1.621743	1.621743	0.627249	1.13693	1.13693	0.712693	1.126951	1.126951	0.6581237	-1.51946	0.9123384	0.97948	-1.02724	0.9739	0.9739	1.03024	1.03024	0.4238444	0.8202821	-1.21829	0.858285	0.9572394	-1.04461	1.482001	1.3996	0.8394958	1
cg27487839	XKR6	0.2951149	0.364466	0.648642	-1.54208	0.3003329	1.5209	1.5209	0.553852	1.27553	1.27553	0.1275753	0.7502589	1.13285	1.13285	0.883638	0.548105	2.078979	0.0802401	0.468532	-2.13433	0.1525651	0.549575	-1.81959	0.627844	0.826262	-1.21027	0.8319998	1.08544	1.48144	1.98398	1.582334	2.348618	1
cg22939667	GPR123	0.2951152	0.141423	1.4538	1.4538	0.374848	1.240151	1.240151	0.848415	0.9557311	-1.04632	0.48664	1.18205	1.18205	0.528956	1.16291	1.16291	0.378153	1.23857	1.23857	0.0190742	1.95693	1.95693	0.207758	1.36931	1.36931	0.66915	0.903287	-1.10707	1.48197	1.13414	0.788226	1
cg13288379	UNK	0.2951153	0.0471	0.3989	-2.50689	0.0698628	0.4640668	-2.27031	0.1617127	0.5230158	-1.91153	0.0998855	0.5145128	-1.94357	0.0998855	0.5145128	-1.94357	0.9334444	0.96678	-1.03436	0.8514913	1.07896	1.07896	0.878784	1.06368	1.06368	0.55561	1.27268	1.27268	1.48197	2.30122	1	
ch.3.10125708	CDC25A;CDC25A	0.2951154	0.0924759	0.482716	-2.07161	0.100311	0.4925242	-2.03028	0.0772559	0.461784	-2.16551	0.0878799	0.476674	-2.09787	0.198352	0.5858441	-1.70695	0.186303	0.576303	-1.7352	0.21984	0.6020014	-1.66109	0.5175307	0.772534	-1.29444	0.642266	0.831925	-1.20203	1.48197	3.63146	2.17817	1
cg20458945	MMP2;MMP2	0.2951156	0.1728466	0.7839042	-1.27707	0.4189374	2.21642	2.21642	0.0208708	2.18411	2.18411	0.0208708	2.154603	2.154603	0.0208708	2.822707	2.822707	0.2174541	0.4623437	2.162931	0.0208708	2.822707	2.822707	0.0208708	2.822707	2.822707	0.0208708	2.822707	2.822707	1.48197	2.154603	0.0208708	2.822707	2.822707	1
cg13362719	PDCD6	0.2951157	0.549603	1.23139	1.23139	0.923068	0.9673337	-1.03377	0.8846616	1.05119	1.05119	0.153182	0.5910357	-1.69194	0.828227	0.9280616	1.077557	0.4629961	0.29283	1.29283	0.0373039	2.29554	2.29554	0.176712	0.6103552	-1.6384	0.782539	1.09979	1.09979	1.48196	2.77419	1.66398	1
cg22493172	POLD1;POLD1	0.2951158	0.9329	0.013366	1.013366	0.135804	1.29569	1.29569	0.58999	1.09162	1.09162	0.616481	1.08478	1.08478	0.782864	1.25573	1.25573	0.758725	1.0509	1.0509	0.0477306	0.694316	-1.44027	0.346802	0.855456	-1.16897	0.734418	1.05641	1.05641	1.48195	0.6095221	0.365596	1
cg08040138	hOSBP9;OSBPL9	0.2951162	0.628321	1.25535	1.25535	0.755603	1.15669	1.15669	0.84941	1.09266	1.09266	0.734772	1.17178	1.17178	0.337352	1.58586	1.58586	0.38442	1.51552	1.51552	0.0340015	3.16996	3.16996	0.0473874	2.87924	2.87924	0.114883	2.22935	2.22935	1.48194	5.10122	3.05978	1
cg07869795	SMC1B;RIBC2	0.2951164	0.0946773	0.3956154	-2.52806	0.1362149	0.515918	-1.93578	0.5018408	0.7481567	-1.64849	0.0958504	0.975708	-1.02532	0.8011596	1.025708	1.025708	0.4481908	1.40253	1.40253	0.1264956	1.80243	1.80243	0.1948896	1.91342	1.91342	0.0865573	1.72948	1.72948	1.48194	5.25681	3.315311	1
cg02163937	FAM53B	0.2951164	0.9547117	1.02465	1.02465	0.402647	1.44389	1.44389	0.9991198	0.9995607	-1.00043	0.115675	0.4802255	-2.08223	0.264203	1.64764	1.64764	0.3456543	1.53675	1.53675	0.0599005	2.48544	2.48544	0.2972099	1.63118	1.63118	0.264025	1.64763	1.64763	1.48194	1.43737	2.58963	1
cg10120897	ZNF469	0.2951173	0.1609084	0.2313117	-4.28969	0.708451	1.4409	1.4409	0.279076	2.98712	2.98712	0.858322	0.8405025	-1.18976	0.0375773	0.0957608	-10.4427	0.3196554	0.367877	-2.7183	0.562474	0.5658858	-1.76723	0.187766	0.2573131	-3.88605	0.3997335	0.432463	-2.31234	1.48191	22.19124	13.3116	1
cg00176675	EIF2C2;EIF2C2	0.2951179	0.1229532	0.3814457	-2.62195	0.1636249	0.515918	-1.93578	0.5018408	0.7481567	-1.64849	0.0958504	0.975708	-1.02532	0.8011596	1.025708	1.025708	0.1858	0.441954	-2.26284	0.1183532	0.372744	-2.68281	0.1880839	0.3091213	-3.23511	0.2621159	0.3189007	-3.13507	0.7690	1.48191	0.9709	0.476924	1
cg07138594	CIT	0.2951177	0.273692	1.27572	1.27572	0.5454569	0.6123348	-1.63306	0.426475	0.840642	-1.18957	0.961479	0.9897328	-1.01038	0.974294	0.993135	1.00691	0.427221	1.18922	1.18922	0.103341	1.46355	0.640555	0.9043557	-1.10576	0.97677	1.00624	1.00624	1.48189	1.07261	0.643387	1
cg25153886	DPF3B	0.2951181	0.0318317	0.3889154	-2.57203	0.0933734	0.2979151	-3.3578	0.0225253	0.3778852	-2.64679	0.0233975	0.3513735	-2.84587	0.0233975	0.3513735	-2.84587	0.4154506	0.651567	-1.53514	0.2221511	0.4444646

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg12205801	LATS1;LATS1	0.295553	0.380997	0.780739	-1.26785	0.949731	1.01679	1.01679	0.525395	1.18516	1.18516	0.881873	1.058193	1.05819	0.83588	0.946687	-1.05612	0.05252561	0.558189	-1.79151	0.0528359	1.7596	1.7596	0.5894677	1.19578	1.19578	0.792409	1.072115	1.072115	1.48073	1.6358	0.981076	1
cg25965286	CCDC88C UBE2D3;CISD2;UBE2D3;UBE2D3;UBE2	0.295553	0.81376	1.19104	1.19104	0.0950719	3.8916	3.8916	0.853367	1.1469	1.1469	0.635348	0.701947	-1.42461	0.0599758	0.207613	-4.81665	0.723675	0.768757	1.3008	0.0988516	0.261683	-3.82142	0.911929	1.08542	1.08542	0.957117	0.960947	-1.04064	1.48073	12.8707	7.72634	1
cg09849472	D3 SNORD88A,C19orf48,C19orf48;SNORD	0.295559	0.305316	1.20311	1.20311	0.289333	1.21118	1.21118	0.731959	1.06172	1.06172	0.428468	1.15121	1.15121	0.0818192	1.39924	1.39924	0.461217	1.1396	1.1396	0.152766	0.765852	-1.30573	0.663262	0.926521	-1.07931	0.101236	1.367	1.367	1.48072	0.711644	0.427207	1
cg18319955	BBB	0.295559	0.283062	0.770195	-1.29837	0.315873	1.27477	1.27477	0.0170784	0.623733	-1.60325	0.913841	0.974982	-1.02566	0.251752	0.755557	-1.32353	0.057937	0.60543	-1.65172	0.251328	0.75535	-1.32389	0.644774	0.897017	-1.11481	0.363765	0.803724	-1.24421	1.48072	1.28524	0.771544	1
cg03461399	DCK	0.295559	0.678603	1.1808	1.1808	0.967604	0.983932	-1.01633	0.428034	1.38089	1.38089	0.145385	1.86562	1.86562	0.199919	0.582699	-1.71615	0.678326	0.846751	-1.18098	0.0384582	0.384249	-2.60248	0.792297	1.111	1.111	0.662197	1.191615	1.191615	1.48072	3.73058	2.23951	1
cg01897005	CCDC144A	0.295561	0.416	1.55595	1.55595	0.586339	0.74663	-1.3395	0.0829735	0.360295	2.77551	0.355159	0.658353	1.65833	0.367312	0.63634	-1.57161	0.90936	1.06243	1.06243	0.0944538	0.257799	2.65799	0.422306	1.54632	1.54632	0.20159	2.04854	2.04854	1.48071	6.63172	3.98111	1
cg25673227	KHDRBS3	0.295572	0.387921	0.691635	-1.44585	0.0498993	0.465485	-2.1483	0.0229945	0.340282	-2.91475	0.946017	0.915398	1.65379	0.672964	-1.48447	0.947935	1.02758	1.027	1.02758	0.850117	1.08201	1.08201	1.11639	0.491223	-2.03574	0.879989	0.938992	1.06497	1.48068	4.07075	2.44378	1
cg10741760	HTR6;HTR6	0.295575	0.196726	3.87092	3.87092	0.18632	4.0123	4.0123	0.190338	3.95631	3.95631	0.238303	3.4037	3.4037	0.937447	1.08094	1.08094	0.900342	1.13229	1.13229	0.705348	1.45746	1.45746	0.0178771	17.3642	17.3642	0.900472	1.1321	1.1321	1.48067	23.0608	13.8441	1
cg12935937	RASIF2	0.295576	0.941723	0.970307	-1.03107	0.0955468	1.10451	1.10451	0.0931187	1.09143	1.09143	0.443383	1.49421	1.49421	0.0577167	1.92222	-1.92222	0.395258	0.698918	-1.43078	0.2242204	0.331069	3.02052	0.342869	0.784075	1.27506	0.0135701	0.356795	1.47689	1.47689	0.448166	3.96966	2.38311	1
cg21426974	ELF2;ELF2	0.295581	0.74502	1.06079	0.616811	0.109552	1.09552	0.0896873	1.40258	1.40258	0.373296	1.17972	1.17972	0.559987	0.883903	1.11247	0.354993	1.18775	1.18775	0.977141	0.994832	-1.00519	0.266073	1.23313	1.23313	0.0231364	1.63404	1.63404	1.48065	0.766822	0.460352	1
cg05233620	CDH23;C	0.295585	0.367362	2.02113	2.02113	0.844863	1.18508	1.18508	0.785149	0.780107	-1.26725	0.315547	2.45833	2.45833	0.450082	1.94853	1.94853	0.456422	1.92882	1.92882	0.0269918	0.67859	0.67859	0.0496311	0.96749	0.96749	0.31568	2.27844	2.27844	1.48064	17.6174	10.5765	1
cg21808707	GADD45A	0.295586	0.651767	0.928716	-1.07676	0.26478	1.20827	1.20827	0.644711	0.927203	-1.07851	0.569611	0.916697	-1.09806	0.330454	0.68195	-1.17759	0.545408	0.775317	1.2898	0.619275	1.08495	1.08495	0.3603377	1.1654	1.1654	0.0577815	1.41793	1.41793	1.48063	0.621342	0.373019	1
cg04153722	PRKCA;MIR634	0.295591	0.97901	0.993094	-1.00695	0.405134	0.816521	-1.22471	0.0228259	2.0494	2.0494	0.234079	0.71994	-1.389	0.610747	0.873523	-1.14479	0.570748	0.859913	-1.16291	0.802041	1.06841	1.06841	0.316054	1.31397	1.31397	0.863622	1.04633	1.04633	1.48062	1.62711	0.976834	1
cg22735115	ZNF708;ZNF708	0.295605	0.167655	0.951344	-1.05114	0.2039947	0.575565	-1.14212	0.395162	1.40258	1.40258	0.373296	1.17972	1.17972	0.559987	0.883903	1.11247	0.354993	1.18775	1.18775	0.977141	0.994832	-1.00519	0.266073	1.23313	1.23313	0.0231364	1.63404	1.63404	1.48065	0.766822	0.460352	1
cg04964781	KREMEN2;KREMEN2	0.295629	0.449488	0.763263	-1.31016	0.0713146	0.493568	-2.02606	0.440208	0.758863	-1.31776	0.729776	1.12925	1.12925	0.42734	0.773948	-1.29208	0.90775	0.96018	-1.04147	0.839173	1.07383	1.07383	0.117994	0.551542	-1.8131	0.0357811	0.4247	-2.3546	1.4805	2.88134	1.72995	1
cg00164121	CDCA7;CDCA7	0.295632	0.975216	0.988591	-1.01154	0.897217	1.04889	1.04889	0.0213969	1.360168	-2.77648	0.663288	0.850606	-1.17563	0.132767	0.545337	-1.83373	0.89984	1.04761	1.04761	0.370663	1.402434	1.402434	0.616476	1.20504	1.20504	0.784271	1.10667	1.10667	1.48049	3.19887	1.9206	1
cg14288673	NCRNA00157	0.295635	0.160842	1.02902	1.02902	0.274794	0.553982	-1.80514	0.151656	0.499123	-2.00352	0.584529	0.765827	-1.30578	0.150202	0.47462	-2.10699	0.116403	0.43851	-2.28045	0.0275502	0.283877	-3.52266	0.482205	0.708126	-1.41218	0.393728	0.655565	-1.5252	1.48048	5.47442	3.28687	1
cg01790628	SNCAIP	0.295645	0.035969	0.0860426	-11.6222	0.686201	0.664737	-1.50436	0.565342	0.557476	-1.7938	0.921911	0.906121	-1.10361	0.044756	0.0986341	-10.1385	0.549511	0.543977	-1.83831	0.445631	2.18518	2.18518	0.893068	1.14479	1.14479	0.38723	0.410212	-2.43777	1.48045	23.7017	14.2309	1
cg20545721	NRBP2	0.295647	0.898976	1.04352	1.04352	0.604855	0.886121	-1.12874	0.0374	0.828062	0.686712	-1.45621	0.0476413	0.467821	2.13776	0.095786	0.544408	2.13404	0.155615	1.58247	0.0414674	0.935123	-1.06938	0.685097	0.872335	-1.14653	0.304544	0.700044	-1.42848	1.48044	2.63739	1.58354	1
cg07399312	MEF2D	0.295648	0.432601	1.18864	1.18864	0.420755	1.19421	1.19421	0.288366	0.788333	-1.2685	0.0552525	0.625695	-1.59822	0.989892	0.810831	1.05359	1.05359	0.307171	1.25622	1.25622	0.128185	1.42597	0.565574	1.13315	1.13315	0.907399	1.02548	1.02548	1.48044	1.09169	0.655474	1
cg10025945	CEP71;CEPT1;DRAM2;CEPT1	0.295649	0.488308	1.47074	1.47074	0.0553412	1.23112	1.23112	0.0116206	0.728358	1.37548	0.54543	0.0178384	2.06598	0.0059	2.06598	2.06598	0.394095	0.558868	1.79006	0.0269918	0.67859	0.67859	0.0496311	0.96749	0.96749	0.31568	2.27844	2.27844	1.48064	17.6174	10.5765	1
cg11013726	PIF1	0.295652	0.06071	0.552199	-1.81094	0.758611	0.917074	-1.09043	0.654995	0.881341	-1.13463	0.977928	0.99226	-1.0078	0.108344	0.611435	-1.6355	0.386982	0.779545	1.2828	0.0364307	0.505124	-1.97971	0.954841	1.01603	1.01603	0.847811	1.05544	1.05544	1.48043	1.49844	1.11039	1
cg11463380	RO5S17;RO5S12;RO5S12	0.295652	0.88712	1.07854	1.07854	0.0288538	0.94291	1.94291	0.0504934	3.27586	3.27586	0.795655	0.870961	-1.14816	0.723275	0.82757	-1.20836	0.751391	1.18435	1.18435	0.283565	1.80957	1.80957	0.345362	1.10955	1.10955	0.961171	0.974416	-1.02626	1.48043	6.6446	3.98959	1
cg01094554	ANKS6	0.295658	0.370001	0.517736	-1.94452	0.0590118	4.67647	4.67647	0.171835	2.86421	2.86421	0.664226	0.797072	-1.37161	0.512434	0.61813	-1.61674	0.863805	0.883194	-1.13225	0.175955	0.853098	-1.83207	0.925118	0.805115	-1.24206	0.323957	0.478549	-2.08965	1.48041	12.2722	7.36866	1
cg01642653	BDNF;BDNF;BDNF;BDNF;BDNF	0.295664	0.0609868	7.03847	7.03847	0.540627	1.80163	1.80163	0.454683	2.06213	2.06213	0.388294	0.431571	-2.31712	0.80584	0.791325	-1.2637	0.658451	0.65521	-1.52623	0.60235	0.606782	-1.64804	0.0411091	0.93901	0.93901	0.7307	1.38865	1.38865	1.48039	21.177	12.7155	1
cg04485327	KLHL34	0.295667	0.233188	1.60885	1.60885	0.374344	0.688353	-1.48274	0.0153886	0.822317	-1.21608	0.881113	0.940459	-1.06381	0.369392	1.72216	1.17833	0.89984	1.04761	1.04761	0.370663	1.402434	1.402434	0.616476	1.20504	1.20504	0.784271	1.10667	1.10667	1.48049	3.19887	1.9206	1
cg13211681	GDF6	0.295689	0.268579	0.139554	-7.46526	0.806221	0.651314	-1.55336	0.245723	0.834074	0.834074	0.340421	0.946017	1.02861	0.356709	0.872453	-1.14624	0.460684	0.70721	1.30721	0.692044	0.499315	-2.00274	0.0754295	0.43894	0.43894	0.836534	0.777964	-1.28541	1.48032	71.3544	42.8464	1
cg06469252	GPR101	0.295689	0.192542	0.110466	-9.05253	0.874535	1.28712	1.28712	0.912647	1.19158	1.19158	0.216956	7.96501	7.96501	0.347756	4.68435	4.68435	0.208597	0.120344	-8.30954	0.90008	1.22219	1.22219	0.0539936	32.9134	32.9134	0.439262	3.52556	3.52556	1.48032	59.8176	35.9188	1
cg02037653	MGLL;MGLL PTBP1;PTBP1;PTBP1;PTBP1;PTBP1;PTBP	0.295696	0.873365	1.04352	1.04352	0.604855	0.886121	-1.12874	0.0374	0.828062	0.686712	-1.45621	0.0476413	0.467821	2.13776	0.095786	0.544408	2.13404	0.155615	1.58247	0.0414674	0.935123	-1.06938	0.685097	0.872335	-1.14653	0.304544	0.700044	-1.42848	1.48044	2.63739	1.58354	1
cg06879406	PTBP1;PTBP1	0.295702	0.818165	0.911947	-1.09655	0.849659	0.92686	-1.07891	0.801375	0.90403	-1.10616	0.682089	1.1792	1.1792	0.59396	1.19426	1.19426	0.807278	0.906811	-1.10277	0.0175299	0.344035	-3.18061	0.116714	0.505511	-1.9782	0.275716	0.635182	-1.57435	1.48028	3.75578	2.2553	1
cg16880597	LRP6	0.295702	0.443706	1.31402	1.31402	0.847954	1.06943	1.06943	0.788763	1.09846	1.09846	0.784324	1.10069	1.10069	0.0825066	0.510401	-1.95924	0.031984	2.40792	2.40792	0.936848	1.0281	1.0281	0.608735	0.834811	-1.19788	0.613968	0.837049	-1.19467	1.48027	2.86716	1.7217	1
cg14445437	PIGS	0.295707	0.960987	1.0068	1.0068	0.27019	1.17237	1.17237	0.119238	1.26388	1.26388	0.79446	0.964483	-1.03682	0.0328545	0.707701	-1.41303	0.92916	1.01219	1.01219	0.982357	1.00307	1.00307	0.474907	1.10588	1.10588	0.537182	1.0904	1.0904	1.48026	0.449771	0.270085	1
cg22435300	EFTUD1;FAM154B;EFTUD1	0.295709	0.883303	1.04352	1.04352	0.604855	0.886121	-1.12874	0.0374	0.828062	0.686712	-1.45621	0.0476413	0.467821	2.13776	0.095786	0.544408	2.13404	0.155615	1.58247	0.0414674	0.935123	-1.06938	0.685097	0.872335	-1.14653	0.304544	0.700044	-1.42848	1.48044	2.63739	1.58354	1
cg07782901	DNAJB2;DNAJB2	0.295711	0.101775	0.663853	-1.50636	0.197036	0.732027	-1.36607	0.989144	0.996893	-1.00312	0.582515	1.13435	1.13435	0.76126	0.932675	-1.07218	0.91295	0.98152	-1.01866	0.8966	1.02125	1.02125	0.0145651	1.14507	1.14507	0.0268074	1.26393	1.26393	1.48025	1.22643	0.736474	1
cg09956210	CCRL2;CCRL2	0.295713	0.264027	1.68706	1.68706	0.172526	0.796979	-1.24215	0.0617183	0.388284	4.16873	0.777886	0.732624	2.10162	0.0618854	0.509038	-1.98398	0.644707	0.79082	1.265	0.0996408	0.81854	1.50459	0.0702138	1.42626	1.42626	0.0132922	1.60059	1.60059	1.48024	1.66512	0.94248	1
cg00533586	C2CD4C	0.295713	0.415486	0.914581	-1.10394	0.0856557	1.22606	1.22606	0.612176	0.94663	-1.05638	0.921155	0.810068	1.10168	0.0104	1.10168	1.24029	0.531543	0.934271	1.07035	0.714405	0.750457	-1.24107	0.457543	0.922045	-1.08455	0.647076	0.951575	-1.0507	1.48024	1.26981	0.162027	1
cg22272240	C12orf5	0.295714	0.471544	1.07667	1.07667	0.660735	0.956426	-1.04556	0.330984	0.903768	-1.10648	0.398839	0.99104	-1.0104	0.288886	0.894889	-1.11746	0.77452	1.0294	1.0294	0.233792	1.13419	1.13419	0.0558038	0.803659	-1.24431	0.21624	0.876981	-1.14028	1.48024	0.238552	0.143252	1
cg04241725	KIAA1279	0.295719	0.52112	1.04352	1.04352	0.604855	0.886121	-1.12874	0.0374	0.828062	0.686712	-1.45621	0.0476413	0.467821	2.13776	0.095786	0.544408	2.13404	0.155615	1.58247	0.0414674	0.935123	-1.06938	0.685097	0.872335	-1.14653	0.304544	0.700044	-1.42848	1.48044	2.63739	1.58354	1
cg11748650	C6orf10	0.295721	0.315362	0.607051	-1.49934	0.106104	0.502423	-1.99035	0.0278311	0.36287	-2.75628	0.756438	0.885734	-1.12901	0.189618	0.481991	-2.07473	0.237645	0.617265	-1.62005	0.334432	0.782407	-1.27811	0.456186	0.743808	-1.34443	0.249303	0.625253	-1.59935	1.48021	3.56576	2.14129	1
cg07036441	NCBP2;LOC152217;NCBP2	0.295725	0.0999123	0.448884	-2.22788	0.355381	1.34535	1.34535	0.0127883	1.18322	1.18322	0.437884	0.743548	-1.34535	0.0178881	1.23163	1.23163	0.0978881	0.436411	-2.29113	0.0156903	0.580912	0.880381	-1.13647	0.515503	0.924747	0.881338	-1.13497	0.733563	1.48021	12.7222	7.3686	1
cg01266707	PNMT CCDC41;CCDC41;CCDC41;CCDC41;LOC	0.295729	0.168388	0.679983	-1.47063	0.1747	1.46131	1.46131	0.173539	1.46299	1.46299	0.720885	0.910039	-1.09885	0.159395	0.673597	-1.48457	0.803107	0.936464	-1.06785	0.265469	0.73718	-1.35652	0.392373	0.794337	-1.25891	0.456141	1.22071	1.22071	1.48019	1.61862	0.972017	1
cg18907202	144486	0.295734	?	?	?	0.704512	0.767381	-1.30313	0.800764	0.844609	-1.1853	0.333085	0.0259	2.0259	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
ch.22.7079688	ADSL;ADSL	0.295737	0.323799	0.772409	-1.29465	0.619483	0.880858	-1.13526	0.240588	1.36526	1.36526	0.570267	0.864094	-1.15648	0.966608	0.989448	-1.01067	0.160307	1.46246	1.46246	0.0854079	0.617623	-1.61911	0.185188	0.700423	-1.42771	0.480293	1.1994	1.1994	1.48017	1.50545	0.904073	1
cg00115234	PGK1	0.295741	0.676803	1.07675	1.07675	0.447645	1.32844	-1.04837	0.777282	1.50274	1.50274	0.289567	0.870745	-1.14884	0.0178555	0.802977	-1.24557	0.4	2.41997	2.41997	0.0866082	0.0605139	16.5193	0.0397758	0.89297	-1.11986	0.864549	1.02964	-1.52964	1.48016	48.0349	29.201	1
cg25004071	TAF4	0.295742	0.344735	1.31924	1.31924	0.615479	0.865738	-1.15508	0.276838	1.37987	1.37987	0.198048	1.47298	1.47298	0.862786	0.951946	-1.05048	0.464977	1.23578	1.23578	0.132448	0.629894	-1.58757	0.274972	0.723723	-1.38174	0.125587	0.63085	-1.58515	1.48015	1.89991	1.14097	1
cg07134544	NTN1	0.295743	0.154709	0.402652	-2.48354	0.721656	0.854671	-1.23617	0.107002	0.946353	-1.05638	0.921155	0.810068	1.10168	0.0104	1.10168	1.24029	0.741479	0.820602	-1.21861	0.980196	0.985241	-1.01498	0.916774	2.1187	2.1187	0.0352888	0.895128	-1.11716	1.48015	8.36162	5.02149	1
cg22027860	ZC3H6	0.295744	0.0990488	0.481481	-8.89746	0.626006	0.700774	-1.42699	0.0124	0.383604	-2.60686	0.526705	1.65755	1.65755	0.17045	2.03553	2.03553	0.363962	2.12605	2.12605	0.0886576	0.65	-1.12783	0.520598	0.69296	-1.69296	0.324432	2.27671	2.27671	1.481	3.61283	9.20209	1
cg08048656	SMARCE1	0.295748	0.276795	1.18399	1.18399	0.221606	0.825457	-1.21145	0.708059	0.945383	-1.05777	0.699145	1.0597	1.0597	0.0442923	1.41192	1.41192	0.866051	0.975100	-1.02553	0.283106	0.840178	1.179	0.516007	0.906349	-1.10333	0.307152	1.17098	1.17098	1.48013	0.522583	0.313835	1
cg06911110	CRCC	0.295753	0.443752	1.07675	1.07675	0.447645	1.32844	-1.04837	0.777282	1.50274	1.50274	0.289567	0.870745	-1.14884	0.0178555	0.802977	-1.24557	0.4	2.41997	2.41997	0.0866082	0.0605139	16.5193	0.0397758	0.89297	-1.11986	0.864549	1.02964	-1.52964	1.48016	48.0349	29.201	1
cg22831436	TM6SF1;TM6SF1	0.295753	0.0486351	0.540898	-1.84878	0.104758	0.616464	-1.62216	0.59636	0.864291	-1.15702	0.197841	0.689788	-1.44972	0.161039	0.664672	-1.5045	0.755254	0.91822	-1.08906	0.258451	0.724901	-1.3795	0.200449	0.691435	-1.44627	0.0880189	0.59829	-1.67143	1.48012	1.74517	1.04806	1
cg07013787	LOC140925;SP5	0.295757	0.0566038	5.67951	5.67951	0.273132	0.398351	-2.51035	0.0945257	4.38772	4.38772	0.69975	0.732059	-1.36601	0.454589	0.5417	-1.84604	0.492889	0.575044	-1.739	0.571346	0.63102	-1.58474	0.516096	1.16902	1.16902	0.0189865	1.21283	1.21283	1.48011	15.1947	9.11912	1
cg12615205	MEGF6	0.295763	0.374198	0.543904	-1.83856	0.188571	1.53467	2.53467	0.952858	0.961298	-1.04026	0.838845	0.872885	-1.14563	0.0604431	0.243281	4.11047	0.391703	0.556615	-1.79658	0.0670459	0.253987	-3.93721	0.416702	0.574556	-1.74047	0.193899	0.16587	1.06587	1.48009	10.4486	6.27505	1
cg06528803	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC AR1;BCAR1;BCAR1;BCAR1	0.295769	0.928224	0.944045	-1.05927	0.136534	2.78749	2.78749	0.224663	2.25947	2.25947	0.404894	1.72402	1.72402	0.199421	0.420423	-2.37856	0.466734	0.622924	-1.60533	0.076774	3.51807	3.51807	0.484456	0.635031	-1.57473	0.74387	1.23311	1.23311	1.48007	9.5747	5.7503	1
cg05607482	C19orf63;C19orf63	0.295773	0.185735	1.28636	1.28636	0.0858538	1.4059	1.4059	0.449664	0.870879	-1.14827	0.138225	1.33102	1.33102	0.94089	1.0134	1.0134	0.712311	1.06873	1.06873	0.0508567	1.49067	1.49067	0.327515	1.19889	1.19889	0.533495	1.11984	1.11984	1.48006	0.754988	0.453429	1
cg03164221	PRR13	0.295782	0.611879	1.12543	1.12543	0.536185	1.37036	1.37036	0.444473	0.843678	1.37036	0.443473	0.843678	1.37036	0.443473	0.843678	1.37036	0.622969	1.14799	1.14799	0.0274435	1.31144	1.31144	0.0241478	1.13855	1.13855	0.0191141	0.983039	-1.01721	0.430184	1.2514	1.2514	1.48003	1.83819	1.09198	1
cg05505873	NR2F2;NR2F2	0.295791	0.132841	0.838799	-1.19218	0.481934	1.08056	1.08056	0.116111	1.20335	1.20335	0.587636	0.942378	-1.06115	0.560365	0.938168	1.06591	1.052294	0.825441	-1.21147	0.934937	1.00889	1.00889	0.857896	1.01962	1.01962	0.185183	0.858721	-1.16452	1.48	0.275423	0.165419	1
cg09532261	AP2B1;AP2B1	0.295791	0.449407	0.597778	-1.7248	0.929403	1.06467	1.06467	0.701465	0.761554	-1.3131	?	?	?	?	0.241552	0.420581	-2.37766	?	?	?	0.485293	1.65113	1.65113	0.0539497	0.69848	4.69848	1.48149	7.82314	7.04078	1
cg02233848	CNTN5;CNTN5	0.295792	0.243138	0.703167	-1.42195	0.0197839	0.624458	1.60108	0.212074	0.804644	-1.24588	0.42195	0.871798	-1.14705	0.321176	0.864284	-1.15654	0.353299	0.852371	-1.1732	0.060842	0.991822	-1.00825	0.83127	1.13491	1.13491	0.0366313	1.13	1.13	1.48	0.655668	0.393795	1
cg01365249	UNC5B	0.295794	0.345294	0.646278	-1.54732	0.45139	1.41142	1.41142	0.248098	1.71989	1.71989	0.244521	0.578825	-1.72764	0.123494	0.472712	-2.11545	0.291154	0.611442	-1.63548	0.112437	0.460197	-2.17298	0.5188	1.34144	1.34144	0.708234	1.18392	1.18392	1.47999	4.72752	2.83937	1
cg25365550	PPAC1	0.295797	0.0891888	0.727491	-1.3743	0.0796452	0.745418	-1.3917	0.961307	1.00828	0.915546	0.982352	1.02828	1.02828	0.915546	0.982352	1.02828	0.369353	0.846158	-1.18154	0.333762	0.97059	1.03012	0.0111948	0.758747	0.988653	-1.01099	0.164378	0.28673	-3.48798	0.67829	0.406508	1
cg07793807	ITPKB	0.295798	0.0994968	0.8489	1.8489	0.191296	0.624641	-1.60151	0.111129	0.553898	-1.80539	0.564641	1.2192	1.2192	0.991158	0.996235	-1.00378	0.198209	0.58866	-1.58866	0.771999	0.905753	-1.10405	0.481709	0.783943	-1.2756	0.561996	0.819078	-1.22088	1.47997	2.71588	1.63119	1
cg03942265	CSPG4	0.295807	0.184101	0.457062	-2.18789	0.799138	1.15222	1.15222	0.0694533	0.323542	-3.09079	0.834114	0.890001	-1.12359	0.215531	0.484644	-2.06337	0.0890631	2.83493	2.83493	0.652506	0.777348	-1.28643	0.644718	0.772589	-1.29435	0.78556	1.16363	1.16363	1.47995	7.23727	4.34685	1
cg23494936	INTS1	0.295826	0.0958326	0.5111	-1.95677	0.124407	1.2401	1.2401	0.0678187	0.807738	-1.23836	0.477446	0.956329	-1.04569	0.0116254	0.70804	-1.41195	0.483812	0.802045	-1.24652	0.0134376	0.669296	1.49403	0.75887	1.06725	1.06725	0.0320544	0.588071	1.70047	1.47989	1.04739	0.629106	1
cg01827999

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T-vs-N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111T vs. N)	Fold-Change(1-vs-1111T vs. N)	p-value(1127T vs. N)	Fold-Change(1-vs-1127T vs. N)	p-value(1537T vs. N)	Fold-Change(1-vs-1537T vs. N)	p-value(1247T vs. N)	Fold-Change(1-vs-1247T vs. N)	p-value(1217T vs. N)	Fold-Change(1-vs-1217T vs. N)	p-value(3477T vs. N)	Fold-Change(1-vs-3477T vs. N)	p-value(3537T vs. N)	Fold-Change(1-vs-3537T vs. N)	p-value(5377T vs. N)	Fold-Change(1-vs-5377T vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637T vs. N)	Fold-Change(1-vs-5637T vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg22276371	CHRND	0.2960971	0.0304478	0.384504	-2.60075	0.297687	1.50033	1.50033	0.8836315	0.946444	-1.05069	0.970557	1.38524	1.38524	0.335685	0.68863	-1.45216	0.307148	1.48775	1.48775	0.549345	1.55565	1.25565	0.970779	0.98633	-1.01386	0.537831	1.26417	1.47906	1.30778	1.98792	1
cg21023831	TNS1	0.2961033	0.890874	1.02999	1.029993	0.850282	1.038994	0.035266	0.6264338	-1.59633	0.515528	1.15249	1.15249	0.257761	1.28943	1.28943	1.28943	0.803597	0.802219	1.05553	1.05553	1.00905616	1.49380	1.49380	0.537307	0.874213	-1.14389	0.399599	0.830597	-1.20395	1.47904	1.0853	0.652255	1
cg14906390	ZBTB16;ZBTB16	0.2961015	0.302319	1.45025	1.45025	0.627425	1.18549	1.18549	0.722748	1.13194	1.13194	0.0241695	0.392528	-2.54759	0.78885	0.910849	-1.09788	0.805246	1.08974	1.08974	0.255979	0.66198	-1.51062	0.274685	0.673421	-1.48495	0.732607	1.12672	1.12672	1.47903	2.83496	1.70379	1
cg17330695	XRCC5	0.2961251	0.3572	1.30907	1.30907	0.123235	1.61	1.61	0.468605	1.23334	1.23334	0.344428	0.758059	-1.31914	0.389913	0.778344	-1.28477	0.50517	1.82504	-1.21205	0.241103	0.705378	-1.41768	0.26793	1.38884	1.38884	0.158412	1.55546	1.47902	1.89488	1.13883	1
cg24046639	FAM20A	0.2961111	0.0663857	0.178175	-5.61246	0.866182	1.15177	1.15177	0.941043	1.06393	1.06393	0.307872	0.412997	-2.42133	0.143542	0.267981	-3.7316	0.162524	2.08673	-3.4876	0.112981	0.235674	-4.24315	0.148807	0.273268	-3.65942	0.171716	0.295526	-3.3838	1.47901	16.4427	9.88207	1
cg21845386	CDR1	0.2961192	0.135096	0.378416	-2.64259	0.270607	0.500591	-1.99764	0.307003	0.528366	-1.89263	0.497511	0.660007	-1.51513	0.018756	0.179408	-5.57388	0.201864	0.443534	-2.25462	0.238894	0.475159	-2.10456	0.375219	0.577509	-1.73158	0.22286	0.461756	-2.16565	1.47901	8.5248	5.12342	1
cg15597069	SLC12A7	0.2961112	0.683713	0.922716	-1.08376	0.813868	0.954621	-1.04754	0.100081	0.701997	-1.42451	0.493942	0.872484	-1.14615	0.96857	0.992293	-1.00777	0.160609	1.3422	1.3422	0.0766523	1.47211	1.47211	0.29199	1.23949	1.23949	0.817357	0.955589	-1.04647	1.47901	0.9032468	0.542866	1
cg05904218	SCAF1	0.2961114	0.1688644	0.779052	-1.2971	0.559813	1.10223	1.10223	0.1412855	0.755211	1.32413	0.189523	0.78145	-1.27967	0.166237	0.73867	-1.35378	0.24573	1.2404	1.2404	0.641878	0.92035	-1.08666	0.414624	1.15948	1.15948	0.957843	0.990664	-1.00942	1.47901	0.7375569	0.443282	1
cg22742965	TMEFF2	0.2961131	0.541487	0.686326	-1.45703	0.0310868	2.014149	-4.66965	0.0901258	1.830817	-1.31704	0.858455	1.24021	-1.24021	0.146	1.11466	-1.21335	0.359558	-2.7812	0.630271	1.74265	-1.34361	0.152489	0.399253	-2.54289	0.672936	0.772163	-1.29506	0.823482	0.872792	-1.14575	1.47895	0.68682	0.221	1
cg00451513	ASCC1	0.2961136	0.190376	0.698388	-1.43187	0.277632	0.74657	-1.33946	0.989976	0.996753	-1.00326	0.706581	1.10285	1.10285	0.28231	1.33538	1.33538	0.0692098	0.590812	-1.69259	0.136847	1.51413	1.51413	0.818768	1.06121	1.06121	0.958084	0.986486	-1.0137	1.47894	1.56961	0.943386	1
cg21508714	RBM20	0.2961142	0.049021	0.24802	-4.03191	0.0168327	0.0228	-43.8596	0.0228	0.0228	-43.8596	0.0228	1.45699	1.45699	0.736934	1.08296	1.08296	0.332666	0.3049	-3.27931	0.0178	0.0178	-56.1798	0.0178	0.47997	1.18501	1.18501	0.118534	0.669921	-1.49271	0.57826	1.14955	1.12544	1.12544	0.74922	1.30602	0.786774	1
cg09391705	CDK8	0.2961150	0.9152281	0.915272	-1.09257	0.414171	0.874544	-1.14345	0.465627	1.12664	1.12664	0.357073	0.858896	-1.16429	0.874912	1.02562	1.02562	0.348142	0.856311	-1.1678	0.226416	1.22626	1.22626	0.0633778	0.715143	-1.39832	0.0986898	0.747683	-1.33746	1.47889	0.6040248	0.363063	1
cg08391894	TSPO;TSPO	0.2961151	0.214409	0.550498	-1.81654	0.47995	0.72041	-1.3881	0.170164	0.533148	-1.94876	0.566777	1.30268	1.30268	0.0259496	0.259013	-3.34434	0.334978	0.96322	-1.03818	0.116079	0.549833	-1.81873	0.165044	0.68347	1.68347	0.197738	1.61242	1.61242	1.47889	2.884	1.73344	1
cg14683125	TRIB1	0.2961154	0.949619	0.986961	-1.01321	0.730859	0.930788	-1.07436	0.760573	1.06554	1.06554	0.939603	1.01584	1.01584	0.503528	0.86848	-1.15144	0.377837	1.20678	1.20678	0.0184234	0.552156	-1.81109	0.178502	0.743108	-1.3457	0.341611	0.815836	-1.22574	1.47888	1.01057	0.607407	1
cg02060500	NTM	0.2961158	0.197748	1.4155	1.4155	0.84489	0.515026	1.05126	0.905162	1.03089	1.03089	0.181593	1.43611	1.43611	0.899881	0.968385	-1.03265	1.45048	1.4925	1.4925	0.113164	1.51486	1.51486	0.033289	1.88702	1.88702	0.254612	1.35473	1.35473	1.47887	1.5258	0.917103	1
cg01791587	SLC6A17	0.2961159	0.6831663	1.22645	1.22645	0.0958547	2.48759	-2.48759	0.600463	0.768509	-1.30122	0.49012	0.705195	-1.41805	0.489574	0.704875	-1.41869	0.353494	0.621478	-1.60907	0.420732	0.663756	-1.50658	0.735223	0.844404	-1.18427	0.0540575	2.97272	2.97272	1.47887	5.81456	3.4949	1
cg01302562	RIMBP2	0.2961161	0.304613	1.64331	1.664331	0.0545453	2.83309	2.83309	0.154841	2.06884	2.06884	0.778709	1.34097	1.34097	0.356943	1.57204	1.57204	0.218806	1.85434	1.85434	0.150682	2.08639	2.08639	0.6851	0.8231118	-1.21488	0.94568	0.628948	-1.58986	1.47886	5.33955	3.20941	1
cg01709975	SEL113	0.2961162	0.116781	0.748494	-1.33607	0.222681	1.43146	-1.43146	0.0564554	1.241554	1.241554	0.143284	0.835444	0.874871	-1.14303	0.0949491	0.524012	-1.90835	0.3600308	0.0845115	-11.8318	0.0170118	0.8976934	-1.11396	0.3182204	0.749173	-1.3348	0.841303	0.945429	-1.05772	1.47886	0.8153817	1.10306	1
cg14240646	ACBD5;ACBD5	0.29617	0.623647	1.59784	1.59784	0.707978	1.42842	1.42842	0.816874	1.24584	1.24584	0.238637	0.310507	-3.22054	0.0715785	0.148589	-6.72997	0.107937	0.189728	-5.27069	0.68299	0.677669	-1.47565	0.0753153	0.153128	-6.53047	0.1226558	0.379806	-2.63292	1.47883	21.0319	12.6417	1
cg07751770	CACNA1H;CACNA1H	0.2961175	0.709955	0.78153	-1.31386	0.0443237	1.55166	1.55166	0.2873581	1.28573	1.28573	0.26524	2.2024	2.2024	0.483866	1.68179	1.68179	0.0754406	0.2331626	-4.29082	0.0754406	0.2331626	-4.29082	0.0754406	0.7538668	1.29106	0.774296	0.7538668	1.38136	0.980962	0.982716	-1.01759	1.47883	1.3256	0.715188	1
cg04977618	CDH11	0.2961174	0.965111	0.1098	0.1098	0.32684	1.57425	1.57425	0.0266797	3.245491	3.245491	0.442138	1.45376	1.45376	0.896407	1.06013	1.06013	0.946599	1.03048	1.03048	0.291961	0.612522	-1.63259	0.11854	2.13749	2.13749	0.876972	0.932908	-1.07192	1.47882	4.70683	2.82918	1
cg20393975	ARHGC1	0.2961176	0.481952	0.805161	-1.24193	0.0906743	-1.09121	0.327851	0.0906743	-1.09121	0.327851	0.0906743	1.16125	0.61625	0.0885555	1.29956	1.29956	0.0250779	0.2944505	-3.39732	0.0308224	0.6525	-1.53256	0.0885555	1.29956	0.0250779	0.2944505	-3.39732	0.0308224	0.6525	-1.53256	0.0885555	1.29956	1.47879	1.4881	0.653396	0.237231	1
cg22576489	BRF1;BRF1	0.2961179	0.949385	0.98586	-1.01434	0.58854	1.13034	1.13034	0.467274	1.18049	1.18049	0.345316	1.24363	1.24363	0.400772	1.2128	1.2128	0.0501099	1.65049	1.65049	0.0210125	1.86407	1.86407	0.487505	1.17144	1.17144	0.465503	1.1813	1.1813	1.47881	1.17858	0.708425	1
cg15742758	ASB18	0.2961182	0.106651	0.216993	-4.60844	0.0162433	0.121011	-8.26373	0.160407	0.272367	-3.67152	0.47606	0.533384	-1.87482	0.033723	0.163465	-6.11752	0.500357	0.552501	-1.80995	0.609535	0.639096	-1.56324	0.283408	0.380368	-2.62904	0.53999	0.583854	-1.71276	1.488	17.6178	10.5899	1
cg05893876	NOV	0.2961185	0.705918	0.836875	-1.19504	0.0729774	1.61504	-1.61504	0.0156076	1.51417	1.51417	0.0133726	0.514747	1.94293	0.0133726	0.514747	1.94293	0.300604	1.32997	1.32997	0.0455574	0.751955	-1.33009	0.0133726	0.514747	1.94293	0.0133726	0.514747	1.94293	0.300604	1.32997	1.32997	0.0455574	0.751955	-1.33009	1.47879	1.01756	0.437956	0.364946	1
cg21735256	PITX2;PITX2;PITX2;PITX2	0.2961185	0.746097	0.925337	-1.08064	0.83186	0.950924	-1.05161	0.677721	0.904726	-1.10531	0.951556	1.01466	1.01466	0.614571	0.885462	-1.12935	0.916365	0.975148	-1.02549	0.408456	0.81664	-1.22453	0.0200195	1.959	1.959	0.157971	1.43571	1.43571	1.47879	1.34429	0.808045	1
cg20618189	EIF3B;EIF3B	0.2961189	0.192646	0.795995	-1.30566	0.448332	1.16168	-1.16168	0.0121823	0.911963	1.09654	0.409617	0.858591	1.1647	0.0402853	0.681284	-1.46753	0.269732	0.80669	-1.24005	0.0923214	0.698786	1.43116	0.0402853	0.681284	-1.46753	0.0923214	0.698786	1.43116	0.0402853	0.681284	-1.46753	0.0923214	0.698786	1.43116	1.47877	0.837265	0.526721	0.526721	1
cg00773359	HEATR2	0.2961192	0.995918	0.0024	1.0024	0.230413	1.80446	1.80446	0.025931	3.45686	3.45686	0.704156	1.14705	1.14705	0.310357	0.641391	1.55911	0.714116	1.1884	1.1884	0.330461	1.60177	1.60177	0.279062	0.588805	-1.69548	0.700428	0.114743	1.14743	1.14743	1.47877	1.15443	0.309834	1
cg00176672	ADORA1;ADORA1 ABHD11;ABHD11;ABHD11;ABHD11;AB	0.2962218	0.0401863	1.95453	1.95453	0.1140434	1.62574	1.62574	0.372376	1.29548	1.29548	0.0745186	1.75353	1.75353	0.168876	1.51342	1.51342	0.214011	1.44749	1.44749	0.632377	1.14596	1.14596	0.626168	1.14886	1.14886	0.974894	1.00894	1.00894	1.47869	1.87129	1.1249	1
cg11525834	HD11;ABHD11;ABHD11	0.296221	0.9780899	1.00647	1.00647	0.0456185	0.583722	-1.71314	0.0511376	0.593525	-1.68485	0.122773	0.675205	-1.48103	0.911987	1.0257	1.0257	0.567547	0.873091	-1.14536	0.413723	0.821801	-1.21684	0.965513	0.989896	-1.01021	0.252334	0.755145	-1.32425	1.47868	1.29102	0.77662	1
cg04488739	PDK4	0.2962232	0.282432	1.74099	1.74099	0.0845882	-2.56751	1.56251	0.0845882	-2.56751	1.56251	0.0422064	0.264136	3.78441	0.0422064	0.264136	3.78441	0.0422064	0.264136	3.78441	0.0422064	0.264136	3.78441	0.0422064	0.264136	3.78441	0.0422064	0.264136	3.78441	0.0422064	0.264136	3.78441	0.0422064	0.264136	3.78441	1.47867	2.12334	0.815344	0.153264	1
cg01969916	ZNF37B	0.2962224	0.861771	1.03094	1.03094	0.0603105	1.44825	1.44825	0.20013	0.789312	-1.26693	0.401698	1.16188	1.16188	0.838357	1.03635	1.03635	0.799312	1.04554	1.04554	0.982401	0.996152	-1.00386	0.784759	1.04902	1.04902	0.0454501	1.49343	1.49343	1.47867	0.715666	0.430217	1
cg18544974	TMEM108;TMEM108	0.2962227	0.9669642	1.01596	1.01596	0.0706062	0.462006	-2.16424	0.623092	0.827547	-1.20839	0.826979	0.919755	-1.08725	0.353711	0.694462	-1.43996	0.994116	0.997186	-1.00282	0.945446	0.23428	2.35428	0.516006	1.28615	1.28615	0.482691	1.31341	1.31341	1.47866	3.41949	2.05561	1
cg05230522	PUS10	0.2962228	0.923564	1.08251	1.08251	0.0906743	-1.09121	0.327851	0.0906743	-1.09121	0.327851	0.0906743	1.16125	0.61625	0.0885555	1.29956	1.29956	0.0250779	0.2944505	-3.39732	0.0308224	0.6525	-1.53256	0.0885555	1.29956	0.0250779	0.2944505	-3.39732	0.0308224	0.6525	-1.53256	0.0885555	1.29956	1.47866	1.19168	0.958384	0.237231	1
cg16356987	ZDHHC9;ZDHHC9	0.2962229	0.0766806	0.395307	-2.52968	0.752291	0.861357	-1.16096	0.977552	0.986825	-1.01335	0.313445	1.63464	1.63464	0.691431	0.828576	-1.20689	0.0374992	0.32054	-3.11973	0.892665	0.938348	-1.0657	0.525941	1.3538	1.3538	0.353826	0.63785	-1.56777	1.47865	5.20303	3.12779	1
cg20440419	ATP6V0A2	0.296232	0.14218	0.444032	-2.25206	0.205467	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	0.0204417	-48.9233	1.47865	0.0204417	-48.9233	0.0204417	-48.9233	1
cg16645584	JUN;JUN	0.2962237	0.597786	0.853206	-1.17205	0.951271	0.01839	1.01839	0.208225	1.48531	1.48531	0.111460	0.596347	-1.67687	0.208914	0.673706	-1.48433	0.163573	0.641891	-1.5579	0.773207	0.108998	1.08998	0.452322	1.26793	1.26793	0.122629	1.46067	1.46067	1.47863	2.08212	1.25169	1
cg15745385	NEU1	0.2962238	0.731478	1.16349	1.16349	0.347663	0.653719	-1.52971	0.665078	0.825742	-1.21103	0.738965	0.863285	-1.15837	0.209558	1.78849	1.78849	0.191114	1.183764	1.83764	0.0537245	0.381776	-2.61934	0.413675	1.44392	1.44392	0.338175	0.677873	-1.4752	1.47862	4.52551	2.72055	1
cg15845746	TMEM177;TMEM177;TMEM177	0.2962238	0.0417757	0.58149	-1.71972	0.0256961	0.608293	-1.64395	0.10455	0.73687	-1.35695	0.0910963	1.09654	0.409617	0.858591	1.1647	0.0402853	0.681284	-1.46753	0.269732	0.80669	-1.24005	0.0923214	0.698786	1.43116	0.6983	0.0923214	0.698786	1.43116	0.6983	0.0923214	0.698786	1.43116	0.6983	1.47862	1.09228	1.00018	1.00018	0.917449	0.8472	0.495505	1
cg03706952	SRRM2;CIC:1001237888	0.296254	0.676811	1.1962	1.1962	0.548873	1.29595	1.29595	0.243855	1.6836	1.6836	0.33406	0.653231	-1.53085	0.64077	1.22245	1.22245	0.997583	1.0011	1.0011	0.0191489	0.297711	-3.35897	0.845876	0.920188	-1.08673	0.791527	0.892948	-1.11989	1.47858	4.27776	2.5717	1
cg05752118	SLC22A18AS;SLC22A18	0.2962257	0.858706	0.936629	-1.06757	0.715	1.12726	-1.12726	0.557252	1.14705	1.14705	0.310357	0.876155	-1.14135	0.640953	0.778408	-1.28497	0.350314	1.3496	1.3496	0.0997303	0.417947	2.39244	0.316411	0.683332	1.46344	0.178264	0.591004	1.69182	1.47857	1.0004	0.564946	1
cg05506081	DPP6;DPP6;DPP6	0.2962259	0.540504	1.63361	1.63361	0.268226	1.49289	1.49289	0.143914	0.28834	-3.46812	0.905654	0.91036	-1.09847	0.815582	1.17894	1.17894	0.386892	2.01886	2.01886	0.064998	0.16147	5.16147	0.113304	3.60638	3.60638	0.566784	0.632166	-1.58186	1.47856	14.6916	8.83239	1
cg04734917	ZNF415;ZNF415;ZNF415;ZNF415	0.296261	0.157811	0.56181	1.56181	0.522239	1.02939	1.02939	0.854274	1.01161	1.01161	0.109654	0.459617	0.858591	1.1647	0.0402853	0.681284	1.29632	1.29632	1.29632	0.142241	0.16279	1.16279	0.0402853	0.681284	-1.46753	0.0923214	0.698786	1.43116	0.6983	0.0923214	0.698786	1.43116	0.6983	1.47856	1.18939	1.08361	0.0923625	0.526721	0.526721	1
cg00705046	TGOLN2	0.2962262	0.0455582	0.181713	-2.58328	0.112457	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	0.0497829	-20.0959	1.47856	0.0497829	-20.0959	0.0497829	-20.0959	1
cg14550145	ITIH5;ITIH5;ITIH5	0.2962269	0.531305	0.844278	-1.18444	0.0208298	0.4759	-2.10128	0.793201	1.07265	1.07265	0.474244	0.823437	-1.21442	0.128254	0.644743	-1.55101	0.647585	0.884389	-1.13072	0.329425	1.30824	1.30824	0.906433	0.969099	-1.03189	0.982444	1.00589	1.00589	1.47853	1.66862	1.00317	1
cg16678602	FOXD3	0.2962274	0.1700097	1.49302	1.49302	0.3704721	0.598266	-1.67115	0.263133	0.815586	-1.22625	0.193198	0.615756	1.62395	0.193198	0.615756	1.62395	0.154155	1.17349	1.17349	0.431934	0.842664	-1.18673	0.707919	0.970275	-1.03075	0.0775254	0.583837	-2.61072	0.946103	1.0398	1.0398	0.764564	1.30816	0.703166	-1.42214	0.874551	1.66227	0.941588	1
cg01536237	DPH1	0.2962299	0.799064	0.836708	-1.19516	0.20516	0.392868	-2.54539	0.0839975	0.80492	0.380492	0.710229	1.29802	1.29802	0.160682	0.350886	-2.84993	0.439235	0.576162	-1.73562	0.586442	0.681194	-1.46801	0.191023	0.263171	0.263171	0.479518	1.65266	1.65266	1.47843	1.41377	0.67675	1
cg10827854	EBF3	0.2962312	0.6475	1.24013	1.24013	0.2258313	1.82218	1.82218	0.0210792	2.51212	2.84008	0.402379	1.55264	1.55264	0.442724	1.4045	1.4045	0.637583	1.2783	1.2783	0.506124	1.4445	1.4445	0.0238278	0.925355	1.92555	0.0124254	1.95734	1.95734	1.47843	2.08101	0.92624	1
cg12365907	AZI2;AZI2;AZI2	0.2963301	0.0732313	0.686508	-1.45665	0.168179	1.31853	1.31853	0.70494	0.930878	-1.07426	0.659962	1.08694	1.08694	0.717036	0.937767	1.07093	0.702807	1.07484	1.07484	0.0911888	1.41948	1.41948	0.25421	1.25128	1.25128	0.842844	1.03808	1.03808	1.47843	0.8300077	0.499074	1
cg20764887	CDL23A1	0.2963301	0.101023	14.6878	14.6878	0.229543	6.59532	6.59532	0.42095	3.42157	3.42157	0.114001	13.3794	13.3794	0.559502	2.41802	2.41802	0.504143	2.57115	2.57115	0.856986	1.30983	1.30983	0.0228698	58.7818	58.7818	0.357205	4.12364	4.12364	1.47843	52.416	31.5145	1
cg13382703	PTPRF;PTPRF;PTPRF;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 22T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. 53T vs. N)	Fold-Change(537T vs. 53T vs. N)	p-value(537T vs. 37T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(563T vs. 63T vs. N)	Fold-Change(563T vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg24817345	TNX8		0.29562	0.58376	0.58426	-1.06353	0.6732819	0.953376	-1.0489	0.97934	0.9970981	1.00282	0.100036	0.8165313	-1.22472	0.576415	-1.06554	1.06554		0.2383194	0.870251	-1.14909	0.8478079	1.28987	1.28987	0.385313	0.904731	-1.0353	0.9971502	1.00041	1.00041	1.47745	0.296076	0.17813	1
cg03413303	TMEM201		0.29626	0.18398	0.60896	-1.63962	0.0957424	0.90005	1.90005	0.114359	1.82658	1.82658	0.924497	1.03381	1.033581	0.854345	1.06697	1.06697		0.6872118	1.15256	1.15256	0.285487	1.47573	1.47573	0.208419	0.627996	-1.59237	0.7957232	0.913012	-1.09528	1.47743	2.87948	1.73243	1
cg26699341	RAB9B		0.29635	0.352991	2.08658	2.08658	0.478935	0.574667	-1.74014	0.365699	0.4890064	-2.04472	0.184503	0.3384487	-2.95433	0.0770414	0.220225	-4.5408		0.119954	3.66307	3.66307	0.541446	1.60919	1.60919	0.972534	1.02685	1.02685	0.9040414	1.09729	1.09729	1.4774	13.8592	8.33849	1
cg04837461	TMEM206		0.29639	0.666026	1.14986	1.14986	0.861951	1.05797	1.05797	0.164212	1.63175	1.63175	0.378071	1.0476535	-1.33755	0.342365	0.7302857	-1.36971		0.650054	0.863396	-1.15822	0.5579027	0.5015154	-1.99539	0.161043	1.61836	1.61836	0.9050353	1.03912	1.03912	1.47339	2.41983	1.45592	1
cg13319266	TMEM72		0.29639	0.492658	0.80424	-1.24336	0.565356	0.833876	-1.19922	0.0710652	0.5324103	-1.87824	0.456748	1.26734	1.26734	0.0225915	0.4259115	-2.34788		0.921371	0.969600	-1.03134	0.590628	0.8437823	-1.18501	0.524154	0.817274	-1.22358	0.45868	0.789884	-1.26601	1.47339	2.28643	1.37566	1
cg08089153	TNNT3;TNNT3;TNNT3;TNNT3		0.29642	0.379919	0.663962	-1.50651	0.110547	2.20478	2.20478	0.826578	0.90505	-1.10491	0.654303	1.814701	-1.22744	0.0916034	0.4297734	-2.32702		0.120832	0.465382	-2.14877	0.248159	0.577578	-1.73137	0.288668	0.6060039	-1.65006	0.513226	0.739722	-1.35186	1.47338	4.83708	2.91031	1
cg00395140	AES;AES;AES		0.29644	0.432822	0.864124	-1.15724	0.106036	1.37998	1.37998	0.328482	1.20203	1.20203	0.678554	0.926783	-1.079	0.198545	0.780443	-1.28132		0.214446	0.78785	-1.26928	0.678623	0.9268	-1.07898	0.150799	1.32436	1.32436	0.651135	1.0866	1.0866	1.47737	0.778842	0.468604	1
cg09687121	RWD01;RWD01;RWD01;RWDD1		0.29646	0.78658	0.883009	-1.13201	0.494502	0.974155	1.025719	-1.02546	0.3747445	2.67278	?	?	?	0.4417231	1.193961	1.193961		0.919525	0.14277	-7.00429	0.624845	1.47143	1.47143	0.655984	1.42154	1.42154	0.384552	2.01129	2.01129	1.47816	12.7835	8.64827	1
cg24097241	FOXP1;FOXP1		0.29648	0.488257	1.11854	1.11854	0.0801618	0.734297	-1.36185	0.541047	0.1035	1.03345	0.222663	0.81556	-1.22615	0.801852	0.960785	-1.04082		0.226222	1.22405	1.22405	0.201215	1.23955	1.23955	0.3607	0.740701	1.05426	0.1504236	0.5922241	0.356336	1.47739	0.592241	0.356336	1
cg10214058	CNOT8		0.29654	0.244861	2.07908	2.07908	0.523101	1.47584	1.47584	0.125534	2.72605	2.72605	0.341691	1.80056	1.80056	?	?	?		0.695723	1.26495	1.26495	0.0360015	4.4059	4.4059	0.0799699	3.25383	3.25383	0.43116	1.61864	1.61864	1.52194	7.48863	4.30538	1
cg04267436	DPHKC22		0.29659	0.181823	0.407955	2.45101	0.0149153	0.822127	-1.21754	0.0166783	0.9277773	-1.07785	0.387405	1.2339	1.2339	0.0441188	1.00888	1.00888		0.114212	1.22868	1.22868	0.516631	0.9724153	1.08207	1.08207	0.0244444	0.9824123	-1.01851	0.121397	0.8176822	-1.22297	1.47713	0.336335	0.2032448	1
cg11778563	SSBP4;SSBP4		0.29663	0.0690105	0.303147	-3.29873	0.562521	0.709323	-1.4098	0.997121	0.9978586	-1.00212	0.149888	0.438401	-2.28102	0.0163825	0.4203027	-2.37921		0.927061	0.947709	-1.05518	0.106086	0.3555114	-2.81599	0.0983272	0.345259	-2.89638	0.129222	0.382271	-2.61594	1.47732	8.0505	4.84392	1
cg26185537	POU6F2-DUSP2		0.29665	0.454804	1.10947	1.10947	0.0815081	0.772025	1.2953	0.363951	1.1607	1.1607	0.342634	0.877202	-1.13999	0.0678592	0.210907	1.01907		0.742611	0.95081	-1.05155	0.661255	0.8283563	-1.20691	0.51908	1.09154	1.09154	0.473151	0.8420155	0.253804	1
cg00366722	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2		0.29665	0.169356	0.788773	-1.26779	0.650358	1.07676	1.07676	0.389482	1.15364	1.15364	0.0466624	0.991296	-1.44656	0.509722	0.897282	1.11448		0.420365	0.875096	-1.14273	0.479525	0.8899967	-1.12364	0.31526	0.845106	-1.18328	0.2685569	1.20533	1.20533	1.47731	0.644565	0.36978	1
cg11073381	ANKFN1		0.29665	0.200548	0.468324	-2.13528	0.481227	0.669185	-1.49436	0.140351	0.4506246	-2.44539	0.812413	1.14293	1.14293	0.0925438	0.2253137	-4.43779		0.319524	0.61105	-1.63653	0.738485	0.2286615	-4.20683	0.403555	1.61542	1.61542	0.495546	0.678226	-1.47443	1.47731	7.36588	4.43201	1
cg18566177	SGK1;SGK1;SGK1;SGK1		0.29667	0.703803	0.795535	-1.3522	0.402977	1.95079	1.95079	0.140049	2.085362	2.085362	0.0244753	2.49053	2.49053	0.0134228	0.4140047	-2.28532		0.667721	1.40654	1.40654	0.203847	0.346681	2.88465	0.227419	2.72081	2.72081	0.0195368	2.95	2.95	1.4773	14.5993	9.88442	1
cg22453209	FBLN7;FBLN7		0.29667	0.387172	0.544632	-1.8361	0.65094	0.731802	-1.36649	0.732181	0.7901827	-1.26553	0.321136	0.4952533	-2.01917	0.0288832	0.170975	-5.84882		0.45161	0.591116	-1.69171	0.0326608	0.180206	-5.54921	0.855151	0.882259	-1.13345	0.451895	0.59132	-1.69113	1.4773	10.9953	6.61584	1
cg19967357	MKLN1;MKLN1		0.29668	0.387462	0.876434	-1.14099	0.276944	1.0432	1.0432	0.0136599	1.57484	1.57484	0.902508	0.98192	-1.01841	0.75341	0.9545161	-1.04804		0.918497	1.01536	1.01536	0.479056	0.8983198	-1.11302	0.9721669	1.00521	1.00521	0.504215	0.904014	-1.10618	1.47726	0.518678	0.312096	1
cg15759889	DDA1		0.29681	?	?	?	?	0.999132	0.998991	-1.00101	?	?	?	0.11685	-8.1713	0.48173	-2.07492	6.4275		?	?	?	?	0.747187	0.7391	-1.3533	0.233666	12.393	6.35638	1
cg21382800	RHBDD3		0.29683	0.0294476	0.668138	-1.4967	0.478003	1.12012	1.12012	0.875108	1.02504	1.02504	0.692897	0.939489	-1.06441	0.985113	1.00294	1.00294		0.16772	0.793559	-1.26015	0.298819	1.18453	1.18453	0.388353	1.14915	1.14915	0.874788	0.975507	-1.02511	1.47726	0.578563	0.34813	1
cg03451557	CTSZ		0.29685	0.658389	0.895091	-1.11715	0.418132	1.24939	1.24939	0.122807	0.9597139	1.00089	1.00089	1.005389	1.0052651	1.15512	1.15512	0.318839	0.7008	0.7008	-1.42713	0.0270557	0.4722	-2.11789	0.1427272	0.4722	-2.11789	0.1427272	1.43976	0.866353	1
cg02276107	DIMT1L		0.29686	0.559715	0.910493	-1.09831	0.77823	1.04591	1.04591	0.807721	1.03952	1.03952	0.18855	0.801327	-1.24793	0.0363592	0.8369955	1.0333	1.0333		0.0736068	1.37303	1.37303	0.0575877	0.730785	-1.40689	0.942666	0.9391626	-1.06482	0.56275	0.911167	-1.09749	1.47718	0.591324	0.355826	1
cg17468563	DHRS3		0.29687	0.571204	0.882624	-1.26059	0.655549	1.22408	1.22408	0.293319	1.31143	1.31143	0.859121	1.06011	1.06011	0.513442	0.8819393	1.12359		0.0733339	1.72722	1.72722	0.0146336	1.25475	1.25475	0.0961611	1.56094	1.56094	0.4998	0.7984471	-1.25239	1.47717	2.02337	1.37071	1
cg24152353	KCNAB2;KCNAB2		0.29676	0.88663	0.933488	-1.07125	0.190976	0.512706	-1.95044	0.787255	1.13941	1.13941	0.147562	0.472512	-2.11635	0.273988	0.5774409	1.73188		0.922796	0.954309	-1.04788	0.0550901	2.85566	2.85566	0.585895	1.30397	1.30397	0.402028	1.660025	1.51509	1.47715	5.44579	3.27704	1
cg13396661	FOXK1		0.29676	0.763113	0.912691	-1.09566	0.187992	1.52448	1.52448	0.124851	0.605239	-1.65224	0.874553	0.95337	-1.04891	0.0786405	0.5541461	-1.80458		0.579066	0.844203	-1.18455	0.874299	0.953278	-1.04901	0.905702	0.964817	-1.03647	0.0750787	0.549317	-1.82044	1.47715	2.13701	1.28596	1
cg21156602	C12orf77		0.29678	0.482282	1.08466	1.08466	0.773817	0.968583	1.10268	0.241967	0.8286662	1.20657	0.438652	0.4095353	-2.44099	0.0258209	0.407513	-2.45353		0.4095153	0.750984	-1.33159	0.541999	0.8110382	-1.23292	0.180268	0.6577136	-1.62039	0.109664	0.553455	-1.80683	1.47715	2.66186	1.61985	1
cg12939777	TMCO3		0.29679	0.746795	1.3508	1.3508	0.737381	1.37282	1.37282	0.239402	1.33793	1.33793	0.829675	0.818576	-1.22136	0.0560284	0.134123	-7.45584		0.0976041	0.184823	-5.41058	0.379225	2.31021	2.31021	0.788894	1.28286	1.28286	0.453526	2.035144	2.03144	1.47714	20.1564	12.1293	1
cg24640800	BRD2		0.29680	0.266873	1.13725	1.13725	0.295324	1.11896	1.11896	0.243659	1.13585	1.13585	0.800754	0.928683	-1.07728	0.0805492	0.3200911	1.30103	1.30103		0.255159	1.309	1.309	0.0230554	0.8702945	-1.13733	0.4687382	1.04885	1.04885	0.6473158	1.04885	1.04885	1.47716	0.926827	0.559939	1
cg20050420	CLMN		0.29683	0.462827	1.33048	1.33048	0.0561072	0.437537	-2.28552	0.264163	0.64103	-1.55998	0.822422	0.9170705	-1.08967	0.6561851	1.072577	1.07257		0.4648642	1.32696	1.32696	0.302654	1.50373	1.50373	0.421433	1.36839	1.36839	0.153906	1.79183	1.79183	1.47711	1.41491	2.055	1
cg26496628	VCAN;VCAN;VCAN;VCAN		0.29684	0.559236	0.601528	-1.66243	0.00916045	0.0586386	-17.0536	0.290832	0.389271	-2.5689	0.87412	0.87244	-1.14621	0.362126	0.446539	-2.23945		0.472361	0.533048	-1.876	0.515318	0.5667722	-1.76438	0.635243	0.662794	-1.50877	0.82793	1.20606	1.20606	1.47711	17.3305	10.4291	1
cg23808182	TOLLIP		0.29685	0.960704	0.987154	1.01454	0.404233	1.40423	1.40423	0.0209	1.25869	1.25869	0.0861273	1.1551994	1.1551994	0.0156767	0.4913393	1.29407		0.2641	0.717799	0.708704	-1.39904	0.2641	0.717799	0.89944	-1.11184	0.42026	0.786131	1.272005	1.4391	1.47706	1.39976	1.20116	1
cg15128876	B4GALT3		0.29652	0.481001	0.659112	-1.51673	0.0398392	1.98214	1.98214	0.0391646	4.0068	4.0068	0.976649	0.983123	-1.01717	0.963265	0.9735666	1.02715		0.620775	1.33646	1.33646	0.561834	1.4065	1.4065	0.594281	1.36703	1.36703	0.787235	1.854428	-1.17037	1.47704	7.9112	4.76098	1
cg04906603	DDX58		0.29675	0.266119	0.803945	1.24377	0.0555469	2.2268	2.2268	0.0178261	2.42707	2.42707	0.0447537	2.23445	2.23445	0.0119345	0.3134319	3.19033		0.4775414	2.02112	2.02112	0.0119345	0.4248113	2.35373	0.0119345	0.4248113	2.35373	0.0119345	0.4248113	2.35373	1.47704	2.52339	1.70717	1
cg23485400	MDC1;MDC1		0.29676	0.376306	0.756113	-1.32255	0.554824	0.831993	-1.20193	0.824961	0.934068	-1.07059	0.167506	1.57306	1.57306	0.293826	1.39834	1.39834		0.7747666	1.09236	1.09236	0.0503991	0.503236	-1.98714	0.244757	0.687515	-1.45451	0.588442	1.18319	1.18319	1.47703	2.21796	1.33478	1
cg12217982	ZCCHC2		0.29676	0.25088	0.739736	-1.35513	0.621001	0.881395	-1.13457	0.616499	0.8799351	-1.13645	0.153739	0.67918	-1.47236	0.156549	0.6812211	-1.46797		0.335467	0.777557	-1.28608	0.0914084	0.62445	-1.60141	0.331149	1.51114	1.51114	0.839256	0.949852	-1.0528	1.47703	1.50104	0.903338	1
cg20357631	CNP		0.29677	0.216593	0.515113	1.94064	0.0154254	2.59387	2.59387	0.404756	2.65165	-1.47027	0.230612	1.76585	1.76585	0.0252296	0.4075532	-2.45399		0.623289	0.79934	-1.25115	0.319793	0.9967667	1.00326	0.965559	1.16559	0.965559	0.796306	0.889616	1.12408	1.47701	4.7824	2.87813	1
cg25436414	OGDHL;OGDHL;OGDHL		0.29678	0.835737	1.11745	1.11745	0.082989	0.79172	1.79172	0.831001	1.12109	1.12109	0.966529	0.977807	-1.0227	0.157857	0.44591	2.2426		0.898991	0.934334	-1.07028	0.0634707	0.327543	-3.05303	0.428768	1.54042	1.54042	0.636759	0.775368	-1.28971	1.477	6.69159	4.02715	1
cg14417874	VAV2;VAV2		0.29679	0.746307	0.869871	-1.15039	0.72805	0.828156	-1.2075	0.648497	0.802237	-1.24653	0.932937	0.596736	-1.67578	0.191534	0.4152022	-2.40933		0.29699	0.557211	-1.79465	0.0297683	0.251205	-3.98085	0.250766	1.8051	1.8051	0.28106	1.456506	-1.81355	1.47679	9.82386	4.02731	1
cg17560598	VPS53;VPS53		0.29679	0.284724	1.37161	1.37161	0.26591	0.719176	-1.39048	0.303435	0.7385257	-1.35405	0.804841	0.932024	-1.07293	0.920706	1.02872	1.02872		0.1313156	0.630846	-1.58517	0.277733	1.37847	1.37847	0.0614998	0.54992	-1.81844	0.759614	0.916428	-1.09119	1.47696	1.89143	1.13833	1
cg08550317	FAM50B		0.29679	0.117589	1.4649	1.8469	0.528318	1.25916	1.25936	0.203299	1.62374	1.62374	0.240121	1.55887	1.55887	0.261556	1.52595	1.52595		0.615701	1.20043	1.20043	0.0170069	2.85892	2.85892	0.335978	1.43063	1.43063	0.637318	1.18698	1.18698	1.47696	3.04779	1.83427	1
cg13468685	PLEK		0.29682	0.78846	1.13174	1.13174	0.344607	1.50222	1.50222	0.146007	1.7390456	1.7390456	0.1531	1.6883186	1.6883186	-1.46373	0.104459	2.15693		0.2090453	2.13879	2.13879	0.124295	2.02506	2.02506	0.0561154	1.5	1.5	0.629935	0.812704	-1.23046	1.47695	4.26855	2.56898	1
cg26734912	ISOC1		0.29682	0.226021	2.14034	2.14036	0.0901861	0.324221	-3.08431	0.682477	0.783047	-1.27706	?	?	?	?	?	?		0.42701	1.6215	1.6215	0.700575	1.25825	1.25825	0.339181	1.80035	1.80035	0.228845	0.469617	-2.1294	1.52121	6.4744	4.25608	1
cg24975666	NAR/;NAR/;NAR/;NAR/;NAR/;NAR/;NA RF		0.29683	0.164263	0.809916	-1.2347	0.719151	0.751744	-1.33024	0.955886	1.00789	1.00789	0.585838	1.0813	1.0813	0.0532167	0.731972	-1.36617		0.170968	0.81294	-1.2301	0.374796	0.8786515	-1.13816	0.833877	0.970605	-1.03029	0.315366	0.862879	-1.15891	1.47695	0.472065	0.284108	1
cg08354889	DEPDC7;DEPDC7		0.29687	0.262932	1.58882	1.58882	0.315751	1.26931	1.26931	0.615847	1.248863	1.24863	?	?	?	?	?	?		0.4499535	1.31245	1.31245	0.262122	0.62886	-1.59018	0.449202	0.715458	-1.39771	0.5181	1.47953	1.47953	1.47711	2.72564	2.21534	1
cg08295258	GIN1		0.29691	0.354841	0.886718	-1.12779	0.393233	0.905412	1.105	0.669763	1.0526044	1.05263	0.0760702	0.865121	-1.15591	0.626044	0.9906196	-1.00958		0.105434	1.25036	1.25036	0.176894	0.7348711	-1.36078	0.792967	0.967321	-1.03378	0.7348711	1.04143	1.04143	1.47692	0.373204	0.224614	1
cg15943135	CSMD3;CSMD3;CSMD3;MIR2053		0.29695	0.717515	0.831888	-1.20209	0.300024	1.72304	1.72304	0.273519	0.561421	-1.78119	0.739795	0.844632	-1.18395	0.113235	0.417613	-2.39456		0.937247	1.0407	1.0407	0.0380731	0.2958809	-3.38056	0.973891	1.01672	1.01672	0.194148	0.49862	-2.00553	1.47691	6.0032	3.61306	1
cg06177350	TNNDC1		0.29698	0.31592	1.78913	1.78913	0.0856048	0.6222	-1.60709	0.272505	0.6539469	-1.5638	0.203372	0.5894049	-1.69651	0.1570326	0.5510307	-1.81466		0.841269	1.08215	1.08215	0.452043	0.7395951	-1.3521	0.114226	0.5556102	-1.79992	0.196892	0.588083	0.806294	-1.24024	1.4769	0.623692	0.31824	1
cg08604960	ADAM19		0.29681	0.357819	0.48996	-2.04098	0.12819	0.45807	1.45807	0.345412	2.08162	2.08162	0.520457	0.611729	-1.63471	0.0812728	0.2326284	4.29768		0.792748	0.818825	-1.21977	0.165344	0.327452	-3.05089	0.413562	0.926208	0.56157	-1.78072	0.413562	0.532252	-1.87881	1.47689	13.314	8.01323	1
cg19865103	NICN1		0.29689	0.168843	1.46975	1.46975	0.517668	1.14892	1.14892	0.119022	1.5596	1.5596	0.0669737	0.586478	-1.70509	0.503375	0.8396618	-1.19529		0.747936	0.918618	1.08859	0.410826	1.24722	1.24722	0.839711	0.949193	-1.05464	0.537356	0.848692	-1.17828	1.47687	1.61391	0.971971	1
cg26365603	NOP16;HIGD2A		0.29697	?	?	?	?	0.3688443	-2.71118	0.616074	0.7758621	-1.28889	0.190398	1.63692	-1.63692	0.241745	2.0502624	2.55654		0.710574	2.275	2.275	0.662228	0.8234945	-1.2782	0.411023	0.624643	-1.60092	0.3995041	1.00347	1.00347	1.47685	5.25557	3.57305	1
cg21360245	TRA2B		0.29687	0.759187	1.32044	1.32044	0.0435757	0.14798	8.14798	0.087698	5.75844	5.75844	0.575907	1.6669	-1.66679	0.933967	1.07779	1.07779		0.808067	0.802504	-1.2461	0.243335	0.331659	-3.01514	0.802569	1.25418	1.25418	0.147684	1.19116	11.5056	1
cg09171843	WDR45L		0.29683	0.462755	1.48538	1.48538	0.0625	0.344134	2.90434	0.0342	1.54634	1.54634	0.0438462	1.04863	1.04863	0.0795651	0.4570227	2.18812		0.2566605	0.818193	1.34274	0.0538997	0.4479125	-2.6701	0.374579	0.4578827	-2.18038	0.2489661	0.3129398	3.20104	1.47683	1.2166	0.82166	1
cg25709972	MED29;PAF1		0.29681	0.549976	1.17091	1.17091	0.842004	1.05302	1.05302	0.580262	1.15686	1.15686	0.87438	1.04214	1.04214	0.285124	0.748548	-1.33592		0.142247	0.66263	-1.50914	0.0435659	0.5458576	-1.83192	0.668271	0.8093636	-1.11902	0.2288008	1.39023	1.39023	1.4768	1.59166	0.958022	1
cg20940562	TFAP4		0.29683	0.459643	0.668371	-1.50179	0.72805	0.828156	-1.2075	0.648497	0.80223	-1.24653	0.932937	0.596736	-1.67578	0.191534	0.415202	-2.40933		0.29699	0.557211	-1.79465	0.0297683	0.251205	-3.98085	0.250766	1.8051	1.8051	0.28106	1.456506	-1.81355	1.47679	9.82386	4.02731	1
cg15864491	TBC1D8		0.29684	0.205412	0.774889	-1.29051	0.302214	0.815433	-1.22634	0.659277	1.0884	1.0884	0.814251	1.04642	1.04642	0.0502661	0.6530803	1.5312		0.624617	0.09872	1.09872	0.295417	1.23015	0.31789	1.21785	1.21785	1.44454	1.16043	1.47679	0.852392	0.513059	1
cg10278809	KIAA0232;KIAA0232		0.29684	0.197447	0.203965	-4.9028	0.651169	0.593481	-1.68497	0.564859	0.512701	-1.95046	?	?	?	0.290599	3.56482	3.56482		0.0431794	16.4971	16.4971	0.436418	2.49547	2.49547	0.973646	0.1085	0.1085	0.857707	0.814396	-1.2279	1.58142	27.7271	13.1498	1
cg01145353	HTRA1		0.29685	0.670821	1.09303	1.09303	0.626239	0.685087	-1.45839	0.232718	0.2481934	-3.5476	0.21528	2.72575	2.72575	0.0180827	0.3682004	2.71504		0.4001638	1.93892	1.93892	0.302503	0.4993	-2.27309	0.0812555	0.44177	0.4177	0.454641	1.79597	1.79597	1.47676	1.83828	1.32035	1
cg09117878	TTXBP3		0.29686	0.436267	0.788414	-1.28466	0.193061	0.647631	-1.54409	0.364391	0.745301	-1.34174	0.0321366	0.4533118	-2.20693	0.330459	0.7285966	1.3725		0.955358	0.01781	1.01781	0.89068	1.044433	0.756859	1.10291	1.10291	1.215505	1.50857	1.50857	1.47673	2.32651	1.4004	1
cg22192879	CRAT;PPP2R4;CRAT;PPP2R4;PPP2R4;CR AT;PPP2R4		0.29685	0.697028	0.928944	-1.07649	0.0956277	1.41177	1.41177	0.563842	1.11619	1.11619	0.426341	1.16534	1.16534	0.188222	1.30039	1.30039		0.0485425	1.52885	1.52885	0.277723	0.80844	-1.23695	0.865431	1.03247	1.03247	0.439823	1.16	1.16	1.47672	0.830014	0.499614	1
cg26454350	MYO18A;MYO18A		0.29685	0.872487	0.964471	-1.03684	0.993937	0.99829	-1.00171	0.747576	0.929856	-1.07543	0.218192	0.746985	-1.33872	0.0142662	0.506274	-1.97521		0.420034	0.830652	-1.20387	0.424109	1.20184	1.20184	0.793912	1.06073	1.06073	0.952905	1.01339	1.01339	1.47672	1.18629	0.714068	1
cg00928887	PLCD3		0.29686	0.15655	0.480395	-2.08175	0.807746	1.12305	1.12305	0.262992	1.68904	1.68904	0.0127772	1.55732	1.55732	0.0427153	0.6427153	1.84284		0.134646	0.740958	-1.34969	0.641214	0.7997797	-1.25032	0.623491	0.8388	0.8388	0.0255771	0.7323336	0.615347	-1.6251	1.4671	5.29391	3.18986	1
cg07455110	CDKN1B		0.29686	0.157483	1.33587	1.33587	0.846925	0.964013	-1.03733	0.429843	1.16564	1.16564	0.830609	0.960187	-1.04146	0.0160004	1.78167	1.78167		0.591672	1.10829	1.10829	0.791206	1.05161	1.05161	0.415094	1.17172	1.17172	0.236605	1.2672	1.2672	1.52114	0.847828	0.433504	1
cg06878966	RNASEK		0.29687	0.153707	1.0161	1.0161	0.0156	0.228314	4.38114	0.0114314	0.6604855	-1.04078	0.0941556	0.778385	-1.28483	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(437T vs. N)	Fold-Change(3 vs. 437 vs. N)	p-value(537T vs. N)	Fold-Change(5 vs. 537T vs. N)	p-value(563T vs. N)	Fold-Change(5 vs. 563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg07744414	LRRC47	0.2970765	0.914243	0.976433	-1.025729	0.362893	0.19159	-1.26333	0.853591	1.094649	1.094649	0.2933745	1.312289	1.312289	0.2143355	0.721253	-1.38648	0.1158844	0.652349	-1.53292	0.06232479	1.68947	1.68947	0.7541182	1.081668	1.081668	0.9598854	1.012666	1.012666	1.47599	1.460862	0.879631	1
cg24434118	TP53INP1;TP53INP1;TP53INP1;TP53INP	0.2970986	0.934935	0.992026	-1.00999	0.0730063	1.272158	1.272158	0.2147808	0.8543493	-1.170408	1.159487	0.847649	-1.179731	0.6170807	0.941164	-1.062651	0.745091	0.961531	-1.04001	0.07139568	0.7844491	-1.27471	0.6085588	0.98625	-1.01394	0.7015129	0.956491	-1.047351	1.47599	0.339573	0.204562	1
cg19775406	MIS12;MIS12;DERL2	0.2970908	0.17873	0.816496	-1.22475	0.2322	0.837105	-1.19459	0.820355	0.968272	-1.03277	0.560846	0.919933	-1.08704	0.799582	0.96541	-1.03676	0.04880011	0.72664	-1.3762	0.1090255	0.7803441	-1.28149	0.2272888	0.835174	-1.19707	0.3316373	1.15273	-1.15273	1.47598	0.4707781	0.2835521	1
cg03880611	POZD2	0.2971111	0.306914	0.587784	-1.70131	0.0317232	0.28224	-1.54308	0.2911775	0.577207	-1.73248	0.77172	1.15318	1.15318	0.0951235	0.397594	-2.5126	0.800733	0.880681	-1.13548	0.193111	0.5003161	-1.99755	0.2010952	0.5074671	-1.97057	0.962257	1.02406	1.024061	1.47594	5.89998	3.55328	1
cg01775274	NCNT	0.2971112	0.5406621	1.21827	1.21827	0.5347077	0.818406	-1.22189	0.288073	0.703607	-1.42125	0.276011	1.435	1.435	0.99875	0.9995001	-1.0005	0.588825	1.19112	1.19112	0.02085022	0.424637	2.42637	0.5789558	0.8360393	-1.19561	0.9313314	0.972898	-1.027866	1.47594	2.37463	1.430133	1
cg18553939	TMED2	0.2971113	0.855732	0.952586	-1.04977	0.0303547	0.506925	-1.97268	0.138147	0.65305	-1.53128	0.570044	1.16557	1.16557	0.327515	1.30967	1.30967	0.515572	0.838701	-1.19232	0.939396	1.0205	1.0205	0.36546	0.780215	-1.2817	0.598236	1.15249	1.15249	1.47594	1.66523	1.00289	1
cg07852756	RPS1A	0.2971205	0.319905	0.870754	-1.14844	0.0620237	1.32206	1.322062	0.2701864	1.16474	1.16474	0.177639	0.826556	-1.20969	0.937475	1.010948	1.010948	0.444963	0.901703	-1.10901	0.2839223	0.864	-1.15741	0.8014665	1.040405	1.040405	0.4968391	1.096	1.096	1.47591	0.412757	0.2488277	1
cg25206536	MIR572	0.2971222	0.919461	0.940162	-1.06365	0.36904	0.5700012	-1.75435	0.133113	0.68728	2.68728	0.324834	0.8203	0.8203	0.4966102	0.8203	-1.21907	0.132141	0.371056	-2.69501	0.3055958	0.52379	-1.90516	0.1872676	0.426271	-2.34593	0.439304	1.61804	1.61804	1.47591	8.7001	5.23977	1
cg03430800	USF1;USF1	0.2971226	0.455017	1.1943	1.1943	0.115371	0.670705	-1.49097	0.288525	0.773289	-1.29318	0.172539	1.40322	1.40322	0.8447753	1.04681	1.04681	0.194653	0.726053	-1.37731	0.108571	0.6646695	-1.50445	0.8409044	1.04802	1.04802	0.975206	0.992774	-1.00728	1.4759	1.27272	0.766524	1
cg06065732	PPP1R2	0.2971241	0.562157	0.877441	-1.14009	0.2134578	0.975078	-1.02615	0.8834193	0.984143	1.01684	0.8884	1.022004	1.022004	0.4604242	0.312727	0.3212	0.7504	0.9153	1.09256	0.4624442	0.42544	2.35081	0.4254544	0.5293132	1.89	-1.16554	1.4759	1.872881	1.122794	1
cg04935503	MLPH;MLPH	0.2971248	0.184672	0.688482	-1.43168	0.0881065	1.6161	1.6161	0.513803	0.850838	-1.17531	0.758191	0.924262	-1.08194	0.684269	0.900978	-1.10991	0.783285	1.07285	1.07285	0.0480608	1.77949	1.79736	0.020025	1.020025	0.768843	1.07806	1.07806	1.47589	1.52058	0.915807	1
cg05917740	FBXL19	0.2971253	0.959406	0.793817	-1.25934	0.8985824	1.032631	1.032631	0.5153251	1.15745	1.15745	0.93018	0.978756	-1.02173	0.6457298	0.570408	-1.75286	0.1665542	0.696678	-1.43528	0.1588844	1.446631	1.446631	0.329573	0.7810271	-1.28029	0.761224	0.934056	-1.0706	1.47588	1.40945	0.8842561	1
cg02623971	NEU1	0.2971258	0.270449	0.533389	-1.8748	0.17962	0.458086	-2.183	0.9530408	0.9017751	-1.10895	0.624253	0.763064	-1.31051	0.03867641	0.269387	3.71214	0.4635567	0.664542	-1.5048	0.04145052	0.2759381	-3.624	0.0211337	0.1132405	1.13205	1.13205	0.5685561	0.729312	-1.37115	1.47586	7.01284	4.22374	1
cg27435239	DNM3P35	0.2971339	?	?	?	0.259516	0.482638	-2.07195	0.990699	0.992807	-1.00725	0.467913	0.63291	-58	0.2288275	0.456951	-2.18842	0.239683	0.46649	-2.14367	0.3474088	0.2177756	-4.59184	0.0948306	0.3207924	-3.11729	0.298387	0.512949	-1.94951	1.47661	7.973551	5.39989	1
cg00419602	C16orf52	0.2971353	0.1628793	0.6609651	-1.51294	0.0793229	1.6986	1.6986	0.284684	1.34872	1.34872	0.465061	0.819341	-1.22079	0.78886	1.09372	1.09372	0.354249	1.20196	1.20196	0.5115501	1.19551	1.19551	0.677904	1.11836	1.11836	0.117108	1.58634	1.58634	1.52022	1.68795	0.86359	1
cg22439783	GSTM4;GSTM4;GSTM4	0.2971448	0.0679864	0.521842	-1.91629	0.532108	1.22307	1.22307	0.49022	0.800114	-1.24982	0.625941	0.865864	-1.15492	0.1630332	0.622648	-1.60604	0.563522	0.83043	-1.2042	0.0463081	0.4836585	-2.06746	0.7135579	1.12446	1.12446	0.263341	0.6900227	-1.44922	1.47583	2.36642	1.4253	1
cg06836226	CHRNA4	0.297015	0.422953	0.759896	-1.31574	0.108036	0.541307	-1.84738	0.198895	0.62177	-1.60831	0.476489	1.2884	1.2884	0.672341	1.160556	1.160556	0.858824	1.0643	1.0643	0.1260389	0.5545061	-1.80341	0.6559317	0.8549737	-1.16995	0.1466318	1.72522	1.72522	1.47582	2.86379	1.72486	1
cg06674497	CCNO	0.2971506	0.2694314	0.4987	-1.99501	0.7393525	0.8193283	-1.22058	0.9331751	0.9516644	-1.05081	?	?	?	?	?	?	0.0311299	1.20156	-1.46129	0.678376	1.282485	1.282485	0.3198386	1.86029	1.86029	0.7277384	1.811324	-1.23255	1.58022	1.72895	0.573338	1
cg09042791	SH3BP4	0.297016	0.287706	1.61039	1.61039	0.533291	0.765176	-1.31307	0.0997275	0.458988	-2.17871	0.157096	1.92163	1.92163	0.430858	1.4149	1.4149	0.353763	1.50959	1.50959	0.626857	1.2355	1.2355	0.228407	1.72578	1.72578	0.168414	1.88427	1.88427	1.47579	4.35502	2.62309	1
cg15693736	GRTP1	0.2971643	0.619441	1.731082	1.731082	0.139744	0.2004424	-4.8918	0.1843665	0.2284836	-4.37648	0.109078	1.20223	1.20223	0.65622	0.79556	-1.25652	0.3640257	0.557888	-1.79247	0.366799	0.5598474	-1.78612	0.9846807	0.9880302	-1.01214	0.777077	1.19434	1.19434	1.47579	0.14864	0.51036	1
cg27568306	NFE2L1	0.2971693	0.6526277	1.11948	1.11948	0.108237	0.646268	-1.54735	0.613905	0.880986	-1.13512	0.388042	1.24657	1.24657	0.1698584	0.9810317	-1.01935	0.75438	1.08133	1.08133	0.0288749	1.900142	1.90012	0.602249	0.882987	-1.13252	0.788773	1.06918	1.06918	1.47576	1.45061	0.873736	1
cg25318785	CDLN12	0.2971722	0.4149443	0.7462	1.146622	0.3126256	0.9310353	-1.07435	0.7230588	0.8433396	-1.18591	0.2992185	1.23279	1.23279	0.994739	0.9997007	-1.00109	0.0611436	1.4002	1.4002	0.0013583	1.39618	1.39618	0.2896299	0.7831071	-1.28029	0.761224	0.934056	-1.0706	1.47588	1.40945	0.8842561	1
cg15988010	TMEM192	0.2971724	0.729957	0.880064	-1.13628	0.119088	0.535963	-1.8658	0.900657	0.954998	-1.04712	0.403159	0.729474	-1.37085	0.215111	0.618096	1.61787	0.0226898	0.36577	-2.73396	0.98004	0.990818	-1.00927	0.740104	0.884494	-1.13059	0.42556	1.34987	1.34987	1.47575	3.17734	1.91381	1
cg01719141	C5orf37;C5orf37;EHMT1;EHMT1	0.2971735	0.0351421	0.79285	-1.26127	0.89883	0.980041	-1.0121	0.842657	0.01897	1.01897	0.193476	0.877969	-1.13899	0.712964	0.965656	-1.03557	0.156492	0.866444	-1.15414	0.363406	0.9154431	-1.09231	0.3104462	0.9055507	-1.10435	0.288341	1.10988	1.10988	1.47575	0.2090886	0.125939	1
cg02559948	FBXL7	0.2971789	0.781327	1.280655	-1.45325	0.4042495	1.24431	1.24431	0.76441	0.93252	-1.07243	0.2139577	1.02011	1.02011	0.8143092	0.971351	-1.02974	0.2112245	1.11873	1.11873	0.1707014	0.7041458	1.42054	0.1841704	0.5813572	1.43077	1.43077	0.1204759	1.45103	1.45103	1.47573	0.9683906	0.6662	1
cg07535628	EFCAB4A	0.297219	0.3551168	0.6903355	-1.44853	0.3394661	0.6814341	-1.4675	0.102316	0.4983133	-2.00677	0.833496	0.9212126	-1.08552	0.5133952	0.782383	-1.27815	0.730924	1.14395	1.14395	0.129324	1.893558	1.893558	0.0682974	0.4514483	-2.21492	0.821383	0.9165674	-1.09209	1.4757	3.54722	2.13667	1
cg05823751	PTPN21;PTPN2;PTPN2	0.2971931	0.08568	0.570326	-1.75339	0.6402744	1.141114	1.0114	0.9977824	0.9926893	-1.07888	0.5153448	0.8326893	-1.20116	0.3597357	0.6513564	-1.53507	0.4838449	1.12422	1.12422	0.4655867	0.8970551	1.227321	0.5433854	0.7457557	1.227321	1.227321	0.177207	2.04252	2.04252	1.47582	2.86239	1.72486	1
cg05092885	INTS12;INTS12;GSTCD;INTS12	0.2971971	0.430543	1.25875	1.25875	0.247321	1.41334	1.41334	0.340313	0.750147	-1.31727	0.330127	0.750189	-1.333	0.564753	0.708979	-1.08979	0.4268628	0.792902	-1.26119	0.0517626	0.5304291	-1.88495	0.1433983	0.5390037	-1.19468	0.19468	0.2917019	1.367331	1.367331	1.47569	0.91183	1.1516	1
cg06969437	GTF2F2;GTF2F2	0.2972008	0.0844917	0.756415	-1.32203	0.804726	1.0169	1.0169	0.42855	0.8884488	-1.12551	0.290591	0.851764	-1.17403	0.5515959	1.09202	1.09202	0.173158	0.808931	-1.2362	0.977489	0.9958831	-1.00414	0.821617	1.03559	1.03559	0.0911278	1.312288	1.312288	1.47564	0.5001056	0.301281	1
cg16352624	AKIN2	0.2972009	0.41137	1.2962	1.2962	0.1842001	0.8602	1.2962	0.1635696	0.885777	-1.12816	0.3128753	0.885777	-1.38577	0.1838824	0.8772906	-1.14006	0.2858134	1.27294	1.27294	0.1545708	0.5994077	1.667833	0.1166566	0.4640417	2.15582	0.1621982	0.4064341	2.46043	2.46043	1.47564	0.9674471	0.58278	1
cg00625841	FAM127C	0.297021	0.0338729	0.405157	-2.46818	0.519712	0.788177	-1.26875	0.287485	0.668438	-1.49602	0.357189	1.41253	1.41253	0.940284	1.0277	1.0277	0.287793	0.668624	-1.49561	0.602649	0.825661	-1.21115	0.7973139	1.09841	1.09841	0.228549	1.58555	1.58555	1.47564	3.10908	1.87284	1
cg16988185	ENPP7	0.2972048	0.1943993	0.5424343	-1.84342	0.1440622	0.5826421	-1.71648	0.1848221	0.3617001	-2.7641	0.1007381	0.624	-1.60238	0.7975384	1.16539	1.16539	0.1657396	0.6039586	-1.65551	0.1945165	-2.36398	0.994779	0.9965057	-1.00351	0.9961	1.00242	1.00242	0.6183513	0.777635	-1.28688	0.6145847	0.609924	-1.63996	0.4829292	0.2137656	1.47563	1.46916	0.6488094	1
cg18256466	CCDC14 TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPA	0.2972123	0.071395	0.82437	0.82437	0.275704	0.91375	0.91375	0.641225	0.643771	-1.55335	?	?	?	?	?	?	?	?	?	0.88502	1.14529	1.14529	0.937432	1.07637	1.07637	0.0960798	1.568116	5.68816	1.51858	13.7936	10.5971	1
cg13682095	N4;TSPAN4;TSPAN4 CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.2972124	0.157543	2.34482	2.34482	0.676625	1.26682	1.26682	0.674191	1.26924	1.26924	0.601612	1.34585	1.34585	0.834703	0.891283	-1.12198	0.040346	0.263046	-3.80161	0.163858	0.437041	-2.28812	0.569878	1.3824	1.3824	0.674388	1.26905	1.26905	1.47562	7.43083	4.47619	1
cg12655137	1B;UCC28661;CDK11B	0.2972125	0.6665509	0.8646492	-1.15648	0.508951	1.25191	1.25191	0.272043	0.681552	-1.46724	0.295131	0.694841	-1.43918	0.476326	1.27487	1.27487	0.513728	1.24866	1.24866	0.047056	2.14278	2.14278	0.604574	1.19145	1.19145	0.209907	0.6420448	-1.55752	1.47562	2.62783	1.58296	1
cg11815984	TULP4;TULP4	0.2972221	0.9606261	0.973072	-1.02767	0.1828292	2.169006	2.169006	0.281287	1.84684	1.84684	0.971248	1.01994	1.01994	0.93943	0.619464	-1.6143	0.621139	1.31381	1.31381	0.088183	2.789483	2.789483	0.282473	2.87105	2.87105	0.931456	0.953966	-1.04826	1.47561	7.01408	4.22521	1
ch.21.168547881	SLC4A5	0.2972226	0.0706638	0.170717	-5.85765	0.271424	0.367204	-2.72328	0.152797	0.261875	-3.81861	0.212175	0.316663	-3.15793	0.0340294	0.114749	-8.71469	0.929576	1.08042	1.08042	0.293699	0.38555	-2.59369	0.421062	0.4871225	-2.05286	0.4549443	0.5133779	-1.94636	1.47559	17.894	10.7793	1
cg13390385	CAMTA1	0.2972248	0.364402	0.894881	-1.11768	0.4674599	1.032163	-1.12626	0.8159888	0.8994143	-1.11182	0.4094143	0.8388452	-1.19257	0.2397552	0.9995	-1.0005	0.156513	0.623257	-1.60439	0.1076496	0.5233309	-1.91092	0.294427	0.7225551	-1.38391	0.954092	0.975376	-1.02525	1.47558	2.12359	2.17925	1
cg25563625	PITPNM2	0.297232	0.447278	0.729108	-1.37154	0.875291	0.937948	-1.06616	0.6147236	0.23033	-1.23033	0.525079	1.30042	1.30042	0.4046836	0.381411	2.62184	0.592024	1.24689	1.24689	0.347214	0.530244	-1.88593	0.3015558	1.5474	1.5474	0.327532	0.662158	-1.51021	1.47557	3.888	2.34215	1
cg07219766	PHF21A;PHF21A	0.2972235	0.1722782	0.4524253	-2.20974	0.4892826	0.9310353	-1.07435	0.7230588	0.8433396	-1.18591	0.2992185	1.23279	1.23279	0.994739	0.9997007	-1.00109	0.0611436	1.4002	1.4002	0.0013583	1.39618	1.39618	0.2896299	0.7831071	-1.28029	0.761224	0.934056	-1.0706	1.47588	1.40945	0.8842561	1
cg16186051	CHD6	0.2972313	0.10072	0.791354	-1.26366	0.798104	0.967185	-1.03393	0.880442	0.9806	-1.01978	0.350393	1.13327	1.13327	0.384844	1.12296	1.12296	0.358151	1.13088	1.13088	0.267399	0.860373	-1.16229	0.417723	0.897813	-1.11382	0.0983614	1.26612	1.26612	1.47557	0.395944	0.238518	1
cg19858173	MAP3K2	0.2972375	0.527291	1.18912	1.18912	0.173502	0.650301	-1.53775	0.647087	0.872896	-1.14563	0.76265	0.914337	-1.09369	0.881561	0.994503	-1.0055	0.8491362	1.07665	1.07665	0.6724228	0.9864861	1.82539	0.3116251	0.9602303	1.34775	1.34775	0.400203	1.24504	1.24504	1.47543	1.51355	0.931855	1
cg01909487	JUN	0.2972379	0.2413589	0.8183032	-1.22246	0.55599	1.14337	1.14337	0.843899	0.98293	-1.01717	0.312017	0.752189	-1.33027	0.3301217	0.5210721	-1.92003	0.1387946	0.5102858	0.5102858	0.095893	1.960742	1.960742	0.1344157	0.7454049	1.05482	1.05482	0.231283	1.22844	1.22844	1.47555	0.62748	0.378	1
cg26445424	MCM7;MCM7;AP4M1	0.2972399	0.3462262	0.8201644	-1.21927	0.6326491	0.9062655	-1.10343	0.288087	0.79819	-1.25284	0.0545428	0.640337	-1.56168	0.315916	0.80903	-1.23605	0.153168	0.731521	-1.36702	0.0303665	0.5944111	-1.68234	0.879302	0.969421	-1.03154	0.716056	0.92806	-1.07752	1.47555	0.976145	0.588041	1
cg06689372	FAM3D	0.2972605	0.1860695	0.5134974	-1.94763	0.0712247	0.382632	-2.61343	0.788971	0.882596	-1.13346	0.988492	1.0909	1.0909	0.8647257	0.873182	-1.14524	0.2020198	0.5502057	-1.81726	0.1128167	0.4564107	-2.19098	0.1156872	0.4640417	-2.15582	0.1643536	0.7959848	-1.25652	1.47555	5.13177	3.20108	1
cg17779967	MAN2B1	0.2972725	0.6241209	1.48453	1.48453	0.601343	0.755348	-1.32389	0.799296	1.14523	1.14523	0.695399	0.811043	-1.23298	0.883151	0.924708	1.08142	0.183288	0.471662	-2.12016	0.3023707	0.5665521	-1.76516	0.939649	1.04112	1.04112	0.565869	1.36194	1.36194	1.47551	6.62008	3.98811	1
cg10284674	NCOR2;NCOR2	0.2972754	0.9562161	0.9106951	1.020851	0.6008857	0.7775156	-1.29336	0.9734831	1.02257	1.01257	0.100716	0.96528	0.96528	0.541363	1.26156	1.26156	0.822381	1.08817	1.08817	0.639109	1.19423	1.19423	0.021881	2.81145	2.81145	0.215486	1.6322	1.6322	1.47551	3.30029	1.98821	1
cg27531731	HIP1	0.2972758	0.2274551	0.58381	-1.71285	0.3859967	0.6855064	-1.46455	0.2244917	0.4649144	-2.15104	0.1844	0.6449144	-1.54	0.2202015	0.564306	-1.77209	0.1333435	0.5027284	-1.98893	0.1333435	0.5027284	-1.98893	0.1333435	0.5027284	-1.98893

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Probeset ID	UCSC_REFGENE_NAME SEC31A;SEC31A;SEC31A;SEC31A;SEC31	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105T 057 vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(1217 vs. N)	Fold-Change(121T vs. N)	p-value(1247T vs. N)	Fold-Change(124T vs. N)	p-value(1437T 477 vs. N)	Fold-Change(143T vs. N)	p-value(1537 vs. N)	Fold-Change(153T 537 vs. N)	p-value(1537 vs. N)	Fold-Change(153T 537 vs. N)	p-value(1537T vs. N)	Fold-Change(153T 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)
cg02528979	A	0.297542	0.411165	1.27046	1.27046	0.173424	0.660499	-1.51401	0.0338023	2.02484	2.02484	0.431642	0.795634	-1.25686	0.77114	0.920275	-1.08663	0.925154	0.97359	-1.02713	0.47125	0.811594	-1.23214	0.38785	1.28674	1.28674	0.649516	0.877815	-1.13919	1.47662	1.89496	1.14226	1	
cg23559363	ADAMTS12	0.297544	0.101136	0.345298	-2.89605	0.682021	0.783482	-1.27635	0.437935	0.625838	-1.59786	0.88131	2.30873	2.30873	0.336017	1.79966	1.79966	0.738775	1.21925	1.21925	0.155799	2.45836	2.45836	0.161612	2.42382	2.42382	0.976971	1.01724	1.01724	1.47461	8.19388	4.93923	1	
cg15514149	BCL2L1;BCL2L1	0.297546	0.591052	1.10595	1.10595	0.297534	1.222141	1.22252	0.447831	1.15443	1.15443	0.753202	1.06093	1.06093	0.138869	1.34412	1.34412	0.581397	1.10893	1.10893	0.0330318	0.629553	-1.58843	0.48551	1.40651	1.40651	0.676162	1.0811	1.0811	1.47461	0.804824	0.485144	1	
cg09546231	PTPRN2;PTPRN2;PTPRN2	0.297545	0.196592	1.51354	1.51354	0.406866	0.772938	-1.29376	0.706533	0.891528	-1.12167	0.295757	1.38974	1.38974	0.211329	1.48883	1.48883	0.444394	1.26703	1.26703	0.0453037	2.00781	2.00781	0.151674	1.59403	1.59403	0.842269	0.941314	-1.06234	1.47661	2.15196	1.29719	1	
cg02175503	PBPB	0.297549	0.10363	0.712093	-1.40343	0.474814	1.14872	1.14872	0.140771	1.35287	1.35287	0.708486	0.930858	0.930858	-1.07428	0.44617	-1.1567	0.890033	0.973955	-1.02674	0.297245	0.833734	-1.23893	0.202561	1.29258	1.29258	0.232156	1.27002	1.27002	1.47466	0.849876	0.512305	1	
cg00511334	NRN1L	0.297551	0.588767	1.25689	1.25689	0.25359	1.64782	1.64782	0.0330602	2.84051	2.84051	0.476523	1.35423	1.35423	0.800578	1.11185	1.11185	0.187671	0.557167	-1.79479	0.538756	0.770505	-1.29785	0.673284	0.837235	-1.19441	0.340409	1.50918	1.50918	1.47459	4.09813	2.47036	1	
cg21926875	EPCAM;EPCAM	0.297555	0.857558	0.869531	-1.15005	0.376739	2.02551	2.02551	0.785402	1.23611	1.23611	0.408968	0.518326	-1.92829	0.449266	0.548817	-1.8221	0.162666	0.313553	-3.18915	0.148497	0.700726	-1.42705	0.0327083	6.99206	6.99206	0.573804	1.55618	1.55618	1.47458	14.1411	8.52409	1	
cg03707955	RDRA	0.297565	0.0459284	0.795574	-1.56874	0.802958	0.828901	-1.20642	0.782549	0.8124481	-1.2308	0.350101	0.485773	-2.05872	0.0733228	0.222685	-4.49064	0.350968	0.486496	-2.05552	0.165625	0.329611	-3.03388	0.0957488	10.4435	10.4435	0.253257	-3.94936	0.236595	0.394244	2.5365	1.47455	13.1566	7.93105	1	
cg14520423	PYHIN1;PYHIN1	0.297565	0.0834875	0.401315	-2.49181	0.108013	0.433565	-2.30646	0.20496	0.528677	-1.89151	0.345224	0.629203	-1.58931	0.07060888	0.381786	-2.61927	0.226429	0.545918	-1.83178	0.170131	0.49843	-2.0063	0.108158	0.43374	-2.30553	0.42686	0.679334	-1.47203	1.47455	5.30405	3.19739	1	
cg00305095	BAALC;BAALC	0.297567	0.498178	1.19274	1.19274	0.0855	1.11184	1.11184	0.884475	1.03628	1.03628	0.156791	1.32454	1.32454	0.0139221	2.1353	2.1353	0.125294	1.5301	1.5301	0.0148973	0.628996	1.54894	0.0119556	1.41134	1.41134	0.589185	0.869584	1.15022	1.47462	1.53422	0.924865	1	
cg26937613	TRIM26	0.297569	0.103543	2.38987	2.38987	0.821064	0.895063	-1.11724	0.404005	0.658693	-1.51816	0.070035	0.269456	2.69456	0.485688	1.41436	1.41436	0.13233	2.21397	2.21397	0.188935	1.97265	1.97265	0.479671	1.42139	1.42139	0.24283	1.81869	1.81869	1.47454	5.5926	3.37136	1	
cg12939124	CDL2;KL1	0.297571	0.521037	0.885917	-1.12877	0.631083	0.913842	-1.09428	0.0655612	1.468636	1.468636	0.102874	0.717276	-1.39416	0.450488	0.860597	-1.15394	0.858384	1.03982	1.03982	0.173114	1.30887	1.30887	0.180917	1.00455	1.00455	0.520628	1.12891	1.12891	1.47453	0.809855	0.488178	1	
cg18706845	ZDHHC17	0.297575	0.351698	0.743522	-1.34495	0.0859173	0.556091	-1.79827	0.263107	0.697153	-1.43441	0.723281	0.895897	-1.1162	0.489517	1.24243	1.24243	0.974814	0.990286	-1.00981	0.290822	1.40348	1.40348	0.146983	0.618004	-1.61811	0.109978	0.583507	-1.71377	1.47453	2.23285	1.34602	1	
cg00128567	ECHDC2	0.297575	0.11157	29.3104	29.3104	0.617751	0.375071	-2.66616	0.297744	0.89874	-1.11228	0.957385	0.985035	-5.40437	0.143145	21.4775	21.4775	0.861554	0.711602	-1.40528	0.880356	0.745594	-1.34121	0.0736761	48.7378	48.7378	0.512018	0.273562	-3.65548	1.47452	88.7208	53.4838	1	
cg02190974	SPTY2D1	0.297577	0.125139	0.484947	-2.22743	0.449027	0.4562	-2.19256	0.0755607	0.978015	0.887169	-1.013	0.217498	0.583301	-1.8577	0.266405	0.562126	-2.76147	0.534023	-1.87243	-1.59301	?	?	?	?	?	?	?	0.906257	0.964278	-1.05677	1.57722	4.04588	2.20863	1	
cg16196758	SKA1;SKA1;SKA1;SKA1	0.29758	?	?	?	0.042782	0.05178	0.05178	0.499662	1.67967	1.67967	0.489451	1.71118	1.71118	0.882443	0.894273	1.11823	0.888533	1.11172	1.11172	0.558596	0.639267	-1.56429	?	?	?	?	0.0963325	0.4511	4.0511	1.51844	10.4406	6.8759	1	
cg11658060	NUAK1	0.297581	0.810032	0.863546	-1.15802	0.2420042	4.16826	4.16826	0.1764	2.40019	2.40019	0.419124	0.604769	-1.65352	0.204771	0.442585	-2.25945	0.378565	0.576749	-1.73586	0.743446	1.22149	1.22149	0.963314	1.02842	1.02842	0.644771	0.75366	-1.32686	1.4745	8.66653	5.22453	1	
cg06711176	ATP6V0B;ATP6V0B;ATP6V0B;ATP6V0B	0.297593	0.292938	0.827771	-1.20806	0.111706	1.35001	1.35001	0.321929	1.19396	1.19396	0.587834	1.09944	1.09944	0.322507	0.837739	-1.19369	0.717147	1.06506	1.06506	0.178028	0.7804002	-1.28139	0.157943	0.769859	-1.29894	0.638259	1.0855	1.0855	1.47447	0.7009001	0.422541	1	
cg15644675	CYB5R1L;MRPL17	0.297595	0.0422469	1.32628	1.32628	0.0450612	0.170455	1.12687	1.12687	0.982228	0.898683	-1.01042	0.255135	1.74938	1.74938	0.312771	1.64008	1.64008	1.63008	1.63008	0.0242415	2.49374	1.5305	0.963851	0.926662	0.959729	-1.04196	0.143605	2.00551	2.00551	1.51871	5.10372	2.61377	1	
cg08126203	PAK7;PAK7;PAK7	0.297595	0.602737	0.639702	-1.56323	0.14164	0.2606555	-3.83649	0.477912	0.541525	-1.84757	0.957967	1.04586	1.04586	0.940507	0.561703	-1.7803	0.08199796	0.55339	-1.80722	0.0400021	0.480483	-2.08124	0.467127	1.87673	1.87673	0.144282	1.79771	3.79771	1.47446	16.9035	10.1904	1	
cg00047185	MIR526B	0.297596	0.990782	1.00649	1.00649	0.1304209	0.405425	-2.45697	0.132892	0.398277	-2.50767	0.965417	0.998459	0.998459	-1.00089	0.998459	-1.00089	0.327825	0.507857	-1.76501	0.0183478	0.202121	-4.96991	0.535401	0.709313	-1.4214	0.498039	0.680186	-1.47019	1.47444	1.73979	1.41483	1	
cg20970752	NANOG	0.297602	0.375854	1.26711	1.26711	0.0177313	2.11946	2.11946	0.266826	0.739811	-1.35169	0.768709	1.07984	1.07984	0.472517	1.20966	1.20966	0.315514	1.31042	1.31042	0.5362	1.17724	1.17724	0.906198	1.03118	1.03118	0.755135	0.921737	-1.08491	1.47444	1.58456	0.955281	1	
cg22888902	ENPEP	0.29761	0.480495	1.28022	1.28022	0.869707	1.05817	1.05817	0.765222	1.10857	1.10857	0.718849	1.13261	1.13261	0.252483	0.662493	-1.50945	0.901537	1.04356	1.04356	0.327572	0.706011	-1.4164	0.12048	0.559824	-1.78628	0.0310001	0.417095	-2.39238	1.47441	2.77077	1.67043	1	
cg25966198	KLHL33	0.297601	0.567711	1.04894	1.04894	0.122876	0.590328	1.50342	0.163294	0.974713	1.48211	0.732392	1.08733	1.08733	0.902027	0.917386	-1.09006	0.72341	1.10054	1.10054	0.0777438	0.47682	-2.09677	0.0440244	0.903011	-1.10741	0.840265	0.951966	-1.05046	1.47441	1.38941	0.837645	1	
cg13135577	RNF213	0.297614	0.283954	1.22664	1.22664	0.550576	1.1172	1.1172	0.153743	0.755582	-1.32348	0.0805291	1.4272	1.4272	0.567058	0.899267	-1.11202	0.270381	1.23442	1.23442	0.491811	1.1367	1.1367	0.432641	1.1583	1.1583	0.278683	0.813261	-1.22962	1.4744	0.786404	0.474109	1	
cg07560096	ME3;ME3;ME3;ME3	0.297615	0.889037	1.03231	1.03231	0.674564	1.1938	1.1938	0.0706	1.65153	1.13047	0.13167	1.13047	1.13047	0.102791	1.50235	1.50235	0.884843	0.967138	-1.03384	0.0107276	0.509293	-1.96351	0.84926	0.960872	-1.04061	0.285146	0.774165	-1.29171	1.47439	1.24138	0.748409	1	
cg26028155	NYX	0.297624	0.384871	1.61128	1.61128	0.852891	0.905988	-1.1045	0.6160695	0.759640	-1.3164	0.643677	1.28326	1.28326	0.0438546	0.280289	3.45675	0.113022	2.38171	2.38171	0.240842	1.92987	1.92987	0.759177	1.17897	1.17897	0.146555	1.51501	1.51501	1.47437	6.69443	4.03603	1	
cg26512479	CYTH3	0.297625	0.983337	1.01014	1.01014	0.3415572	1.605811	1.605811	0.74513	0.854156	-1.17075	0.351682	1.58919	1.58919	0.16894	0.49236	-2.03103	0.117274	0.439434	-2.27565	0.101206	2.38076	2.38076	0.355359	1.58328	1.58328	0.640605	1.25513	1.25513	1.47437	5.45428	3.28836	1	
cg07568117	PKD1;PKD1	0.297643	0.329447	1.28655	1.28655	0.1439653	1.25121	1.25121	0.182587	1.36283	1.36283	0.303606	1.35584	1.35584	0.0476538	0.470026	-2.12756	0.69794	0.937913	1.76584	1.76584	0.0491538	2.03507	2.03507	0.685769	1.45943	1.45943	0.882677	0.854039	1.17091	1.47435	26.6564	16.0712	1	
cg18474239	L3MBTL3;L3MBTL3	0.297633	0.0461538	0.469663	-2.13209	0.665805	0.15467	1.15467	0.656852	1.15884	1.15884	0.26838	0.682812	-1.46453	0.988144	0.995094	-1.00493	0.669038	0.867345	-1.15294	0.0758614	1.92298	1.92298	0.835022	1.07146	1.07146	0.690623	1.14157	1.14157	1.47434	2.55764	1.54202	1	
cg15460536	ZNF616	0.297646	0.986001	1.00649	1.00649	0.1304209	0.405425	-2.45697	0.132892	0.398277	-2.50767	0.965417	0.998459	0.998459	-1.00089	0.998459	-1.00089	0.327825	0.507857	-1.76501	0.0183478	0.202121	-4.96991	0.535401	0.709313	-1.4214	0.498039	0.680186	-1.47019	1.47434	1.73979	1.41483	1	
cg05649885	NUFIP2	0.297637	0.603022	1.11797	1.11797	0.610281	1.11544	1.11544	0.0822104	1.50568	1.50568	0.0466394	1.62293	1.62293	0.0762675	1.52077	1.52077	0.218941	1.31627	1.31627	0.569919	1.12981	1.12981	0.154737	1.38225	1.38225	0.3029	1.25461	1.25461	1.47433	1.05485	0.635978	1	
cg08152588	C14orf50	0.297642	0.961368	0.982462	-1.01785	0.13293	0.553072	-1.80808	0.469008	0.764053	-1.30881	0.204571	0.612223	-1.63073	0.698568	1.15275	1.15275	0.623678	1.19799	1.19799	0.138861	1.78956	1.78956	0.178746	1.68512	1.68512	0.260613	1.53513	1.53513	1.47431	3.11589	1.87861	1	
cg00347247	ORAI1	0.297648	0.811015	1.08454	1.08454	0.2703103	0.979303	-1.07508	0.6162841	0.958459	-1.04253	0.654952	1.06166	1.06166	0.165341	1.32119	1.32119	0.864824	0.967602	-1.03367	0.751382	1.04319	1.04319	0.979913	0.785484	-1.2731	0.0496438	0.347073	1.47431	0.241711	0.249111	1	
cg20533711	PAOX;PAOX;PAOX	0.297652	0.623242	1.1342	1.1342	0.331677	1.29126	1.29126	0.606607	1.14123	1.14123	0.699892	1.10347	1.10347	0.0547241	1.75867	1.75867	0.035353	1.89198	1.89198	0.73769	0.91812	-1.08918	0.265347	1.34544	1.34544	0.171534	1.45258	1.45258	1.51807	5.51907	0.778056	1	
cg05138449	SAMD4A;SAMD4A	0.297656	0.0476426	1.27645	1.27645	0.867864	1.1388	1.1388	0.17098	0.653477	1.13047	0.13167	1.13832	1.13832	0.0159237	0.451207	-2.21702	0.659953	1.05082	1.05082	0.0244345	0.740695	-1.35025	0.853093	0.940205	-1.06377	0.10317	0.101317	0.74428	0.910806	0.0179339	1		
cg15778350	NUF2;NUF2;NUF2;NUF2	0.29766	0.614371	1.06899	1.06899	0.654635	1.06091	1.06091	0.139085	1.23253	1.23253	0.395045	0.891913	-1.12119	0.982255	1.03634	1.03634	0.157289	0.818976	-1.2197	0.361113	0.884016	-1.1312	0.0608016	0.75764	-1.31989	0.801049	1.03371	-1.03371	1.47426	0.402635	0.242764	1	
cg03365937	CHST1	0.297662	0.499437	1.46676	1.46676	0.327234	0.56831	-1.7596	0.367446	0.596137	-1.67747	0.410274	1.60077	1.60077	0.17379	2.24458	2.24458	0.969704	0.979004	-1.02145	0.0421382	3.69937	3.69937	0.74662	0.834323	-1.19858	0.246229	1.96906	1.96906	1.47425	7.28918	4.39495	1	
cg10063343	PORCN;PORCN;PORCN;PORCN;PORCN	0.297676	0.299314	0.420086	-2.38046	0.458239	1.83857	1.83857	0.805257	1.22039	1.22039	0.071584	0.56392	0.56392	0.105205	4.16751	4.16751	0.159803	0.997884	-3.15701	0.961179	1.04002	1.04002	0.892935	0.897113	-1.11469	0.709373	0.739448	-1.35236	1.47421	15.1779	9.15165	1	
cg11595270	SCN1A	0.297677	0.624159	1.07183	1.07183	0.2611	1.34146	1.34146	0.137663	1.15869	1.15869	0.184887	1.34451	1.34451	0.0433093	2.00966	2.00966	0.36834	1.51276	1.51276	0.308341	0.623533	-1.60376	0.3068	0.622528	-1.60635	0.856256	1.08462	1.08462	1.4742	4.68572	2.82532	1	
cg24212471	GDPD5	0.297679	0.425441	1.43996	1.43996	0.0463745	2.77933	2.77933	0.621431	0.800119	-1.24981	0.401881	0.680894	-1.46866	0.281043	0.605361	-1.65191	0.36834	1.51276	1.51276	0.308341	0.623533	-1.60376	0.3068	0.622528	-1.60635	0.856256	1.08462	1.08462	1.4742	4.68572	2.82532	1	
cg02849719	CBFA2T3;CBFA2T3	0.297684	0.690277	1.24655	1.24655	0.130671	2.72997	2.72997	0.0021	0.0271093	2.76494	2.76494	0.353214	1.44965	1.44965	0.131267	0.530788	-1.88399	0.679553	0.779038	-1.28364	0.0481728	2.07653	2.07653	0.0044613	0.56307	2.07646	2.07646	0.0417562	0.944419	-1.05885	0.143418	0.924915	0.57111	1	
cg04045140	ZNF426	0.297689	0.379446	0.854238	-1.17174	0.218443	0.746865	-1.33893	0.251385	0.9139	-1.09441	0.7497	1.00154	1.00154	0.994186	0.974951	-1.02569	0.929264	0.839256	-1.19153	0.0508188	0.6555853	0.6008811	-1.66424	0.881614	1.02628	1.02628	0.360626	0.850628	-1.1756	1.47417	0.707239	0.426448	1	
cg00448191	NKX6-3	0.297693	0.0479345	0.403302	-2.49811	0.566083	0.790688	-1.26472	0.271059	0.628804	-1.59032	0.519586	0.767734	-1.30253	0.0220906	0.329149	-3.03814	0.702594	0.856138	-1.16804	0.933076	0.966566	-1.03459	0.467015	0.741069	-1.3494	0.387772	0.698789	-1.43105	1.47416	3.82726	2.30776	1	
cg19978674	HOPK;HOPK;HOPK;HOPK;HOPK FAM133A;FAM133A;NAP1L3;FAM133A;	0.297694	0.0298841	2.29171	2.29171	0.18953	1.79579	1.79579	0.462353	1.35567	1.35567	0.418739	0.754598	-1.39399	0.0140906	0.3124	-3.20128	0.882231	1.06214	1.06214	0.462758	0.551025	-1.81529	0.0107727	0.9147	2.0746	2.0746	0.080067	1.10837	1.10837	1.47415	1.38177	3.32456	1	
cg19934496	FAM133A	0.297702	0.0463274	1.335531	-7.48777	0.59753	1.58509	1.58509	0.844671	1.18458	1.18458	0.741725	1.33069	1.33069	0.13875	0.248648	-4.02175	0.752101	1.31486	1.31486	0.497558	0.551025	-1.81479	0.0787592	0.180251	-5.54781	0.591372	0.6263	-1.59668	1.51836	17.5482	8.98905	1	
cg03009397	NLRP6	0.297704	0.228491	0.476582	-2.09827	0.29283	1.8963	1.8963	0.529422	0.688266	-1.45293	0.406985	0.608118	-1.64442	0.289822	0.525078	-1.90448	0.174627	2.33182	2.33182	0.432138	1.60013	1.60013	0.536192	1.44383	1.44383	0.105477	0.354491	-2.82094	1.47412	8.02722	4.84037	1	
cg00546205	BDH1;BDH1;BDH1	0.297705	0.765549	0.855787	-1.16851	0.303707	1.74729	1.74729	0.112595	2.46813	2.46813	0.12806	2.36441	2.36441	0.499569	1.43067	1.43067	0.463579	0.676899	-1.47733	0.11249	0.405039	-2.4689	0.349047	1.65574	1.65574	0.912925	1.05888	1.05888	1.47412	6.38761	3.8517	1	
cg18795621	B3GNT4	0.297705	0.489766	1.18145	1.18145	0.655517	1.12161	1.12161	0.368522	1.2454	1.2454	0.0756055	1.60005	1.60005	0.0709304	1.53875	1.53875	0.210096	1.36874	1.36874	0.251526	1.532239	1.53224	1.53224	1.32936	1.32936	0.860838	0.959156	-1.04258	1.47411	1.33862	0.795131	1	
cg22991506	C14orf182	0.297715	0.460093	1.51607	1.51607	0.0272938	4.24234	4.24234	0.161856	2.28519	2.28519	0.959952	0.9726	-1.02817	0.674726	1.26305	1.26305	0.098138	2.72855	2.72855	0.167402	2.25748	2.25748	0.234462	1.99283	1.99283	0.497205	1.46427	1.46427	1.47411	7.14605	4.30963	1	
cg19570749	PLSCR2;PLSCR2	0.297715	0.343285	1.46161	1.46161	0.388433	1.41005	1.41005	0.0271093	2.76494	2.76494	0.353214	1.44965	1.44965	0.131267	0.530788	-1.88399	0.679553	0.779038	-1.28364	0.0481728	2.07653	2.07653	0.0044613	0.56307	2.07646	2.07646	0.0417562	0.944419	-1.05885	0.143418	0.924915	0.57111	1	
cg05475028	BOD1	0.297715	0.794602	1.05775	1.05775	0.514558	0.867691	-1.15248	0.0723964	0.649561	-1.5395	0.387031	1.21024	1.21024	0.350725	0.813264	-1.22961	0.232482	1.763795	-1.30925	0.274248	1.2774	1.2774	0.6093738	0.895014	-1.1173	0.181094	1.3574	1.3574	1.47409	1.08123	0.651993	1	
cg09306214	TACR1;TACR1	0.297718	0.0643501	1.62827	1.62827	0.252111	1.32397	1.32397	0.1248	1.44747	1.44747	0.912599	1.02609	1.02609	0.254139	1.32225	1.32225	0.732441	0.922654	-1.08183	0.51698	1.16663	1.16663	0.707879	1.09231	1.09231	0.0409895	1.73888	1.73888	1.47408	1.28466	0.774667	1	
cg23891298	ANKRD56	0.297724	0.713524	1.14281	1.14281	0.2186853	1.18217	1.18217	0.117062	1.38994	1.38994	0.0691049	1.47793	1.47793	0.0145196	2.0756	2.0756	0.319617	1.40636	1.40636	0.515818	1.1359	1.1359	0.460321	1.15647	1.15647	0.394021	1.18354	1.18354	1.47406	0.873399	0.526555	1	
cg10645314	ALLC	0.297742	0.83378	0.823664	-1.21409	0.260165	0.338159	-2.95719	0.210863	0.296119	-3.37702	0.771934	1.30772	1.30772	0.256312	2.98564	2.98564	0.986161	0.984116	-1.01614	0.656205	0.661263	-1.51226	0.0329117	10.0065	10.0065	0.632966	1.55915	1.55915	1.47401	19.8942	11.997	1	
cg01264765	WFDC1	0.297743	0.494104	1.07183	1.07183	0.2611	1.34146	1.34146	0.137663	1.15869	1.15869	0.184887	1.34451	1.34451	0.0433093	2.00966	2.00966	0.36834	1.51276	1.51276	0.308341	0.623533	-1.60376	0.3068	0.622528	-1.60635	0.856256	1.08462	1.08462	1.4742	4.68572	2.82532	1	
cg20329047	BOP1;HSF1	0.297749	0.330325	0.654551	-1.52777	0.71932	0.858772	-1.16445	0.279702	1.60661	1.60661	0.514475	1.32167	1.32167	0.33637	0.658223	-1.51924	0.279282	1.62149	-1.60733	0.0902553	0.454915	-2.19821	0.0805606	0.441447	-2.26528	0.608075	1.24387	1.24387	1.47399	4.15535	2.50589	1	
cg09909750	PHKA2	0.297752	0.084444	0.224646	-4.45145	0.469483	0.562298	-1.77842	0.504592	0.6985	1.6985	0.0690697	4.91092	4.91092	0.778867	1.24637	1.24637	0.164219	0.313113	-3.19374	0.0974565	1.0025	1.0025	0.672921	1.39401	1.39401	0.930105	0.933668	-1.07104	1.47398	14.2885	8.61677	1	
cg02411879	TMEM49;TMEM49;KRT10	0.297753	0.118858	0.848458	-1.17864	0.2301666	1.80897	1.80897	0.312884	1.43602	1.43602	0.0773888	1.73288	1.73288	0.0215512	0.577435	-1.73162	0.157077	0.483715	-2.06733	0.143405	0.4675562	-2.13875	0.0703353	1.72572	1.72572	0.754817	1.82686	-1.15884	1.47397	5.17526	3.12097	1	
cg07841059	PAK8	0.297757	0.438323	0.559079	-1.78865	0.103447	0.267399	-3.73973	0.114247	0.282624	-3.53827	0.480491	1.69469	1.69469	0.616537	0.689796	-1.4497	0.768017	0.804474	-1.24305	0.342083	0.48675	-2.05444	0.105855	3.66449	3.66449	0.762713	1.24948	1.24948	1.47396	12.6295	7.61635	1	
cg34626003	ARHGAP24;ARHGAP24; LOC100133315;RNF121;RNF121;RNF12	0.297768	0.0892482	0.501662	-1.99337	0.643297	0.84186	-1.18785	0.875813	1.09526	1.09526	0.225426	0.625845	-1.59784	?	?	?	0.353925	1.42281	1.42281	0.296657	1.48933	1.48933	0.147158	1.33004	1.33004	0.188348	1.67047	1.67047	1.47463	2.81317	1.90771	1	
cg20804661	1	0.29777	0.131931	0.643815	-1.55324	0.507622	1.19965	1.19965	0.802493	1.07022	1.07022	0.994058	1.00202	1.00202	0.0972755	1.69482	1.69482	0.153901	1.51195	1.51195	0.665143	1.12516	1.12516	0.48226	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg00884417	LHFPL2	0.298015	0.140965	4.77287	0.47287	1.34194	0.62879	0.48243	0.494271	2.02318	0.110683	5.56015	0.56015	0.498973	1.96888	1.96888	0.319669	2.7595	0.27595	0.235894	0.40776	3.40776	0.178398	0.741823	1.34803	0.0488669	0.19755	5.19755	1.47317	22.7318	13.716	1
cg06471596	CUX1;CUX1;CUX1	0.298015	0.612312	0.696262	-1.43624	0.488822	0.607661	-1.64565	0.701983	1.31304	1.311004	0.511081	0.623636	-1.6035	0.266822	0.44063	-2.26948		0.34917	1.97929	0.347026	0.174802	-5.72077	0.35722	1.95574	1.95574	?	?	?	1.47386	10.4127	7.06491	1
cg23272978	LTBP1;LTBP3;LTBP3	0.298022	0.299289	2.80375	2.80375	0.599838	1.66086	1.66086	0.25904	3.09101	3.09101	0.234021	3.30565	3.30565	0.207058	3.57933	3.57933		0.414193	2.22543	2.22543	0.0429075	9.32807	9.32807	0.0648883	7.29193	7.29193	0.105151	5.45685	5.45685	1.47315	21.4288	12.93	1
cg27429220	TSIC1	0.298022	0.0925501	4.66289	4.66289	0.175311	0.30161	-3.31316	0.649603	0.721832	-1.38536	0.822545	1.20538	1.20538	0.0753035	0.192664	-5.19038		0.352038	2.451925	-2.21228	0.757093	0.7731 05	-1.29349	0.643469	1.47345	1.47345	0.472283	1.83671	1.83671	1.47315	16.1947	9.73556	1
cg05442546	ELMO1	0.298024	0.455514	0.506211	-1.97546	0.147246	0.42711	4.02711	0.263077	2.84361	2.84361	0.313839	3933662	-2.54219	0.0455034	0.128174	-7.8019		0.876043	0.869515	-1.15007	0.729317	0.732697	-1.36499	0.60780	0.629048	-1.5897	0.424284	0.481469	-2.07698	1.47315	18.7184	11.2946	1
cg01545871	C6orf125	0.298029	0.569396	0.768318	-1.30154	0.656061	1.22808	1.22808	0.471232	0.754681	-1.32562	0.205884	1.84341	1.84341	0.841372	1.0962	1.0962		0.025539	0.296349	-3.37439	0.256189	0.580864	-1.72157	0.468872	0.713359	-1.40182	0.795444	1.12646	1.12646	1.47313	4.90137	2.95749	1
cg00716294	ZNF274;ZNF274;ZNF274	0.298029	0.33049	0.670748	-1.49087	0.0925766	0.478961	-2.08785	0.173977	0.562576	-1.77754	0.406203	0.713233	-1.40207	0.543615	0.783101	-1.27697		0.329001	0.66987	-1.49283	0.0878753	2.11522	2.11522	0.357331	0.686267	-1.45736	0.484126	0.753678	-1.32683	0.47313	3.69037	2.22677	1
cg16745159	FAM190B	0.298032	0.0217901	0.523212	-1.91121	0.292618	0.445285	-2.27229	0.945564	-1.05312	0.796286	1.25568	1.22668	0.0742543	0.224181	-4.46068			0.427219	0.543672	-1.83935	0.482472	0.584718	-1.71023	0.477459	0.583207	-1.71355	0.295667	0.442533	-2.25972	1.47312	13.1854	7.9561	1
cg13586494	CTDP1;CTDP1	0.298034	0.622988	0.865126	-1.1559	0.0878353	1.73562	1.73562	0.264182	1.28472	1.28472	0.178032	0.658068	-1.5196	0.974126	1.04295	-1.24311		0.697128	1.12115	1.12115	0.0656847	1.82927	1.82927	0.878188	0.956371	-1.04562	0.836131	1.06243	1.06243	1.47312	1.99451	1.2035	1
cg15297752	KIAA0284;KIAA0284	0.298037	0.0575267	0.337624	-2.96187	0.169243	0.476965	-2.09659	0.955402	0.972125	-1.02867	0.618312	0.81189	-1.23169	0.163489	0.471532	-2.12074		0.30187	0.582341	-1.71721	0.0580018	0.338498	-2.95423	0.333381	0.603873	-1.65598	0.141121	0.449292	-2.22572	1.47311	5.96194	3.5975	1
cg19508334	KPNA4	0.298041	0.53537	1.10562	1.10562	0.0903187	0.462	-2.16462	0.187752	1.02472	1.02472	0.134187	1.23483	1.23483	0.889424	1.15445	1.15445		0.523128	0.901655	-1.10907	0.172356	1.2248	1.2248	0.313751	1.18318	1.18318	0.483474	0.802328	1.24606	1.47309	0.597035	0.360261	1
cg04133591	KIF20B	0.298047	0.53278	1.16753	1.16753	0.816285	0.944544	-1.05871	0.501701	1.18195	1.18195	0.232396	1.35937	1.35937	0.229727	0.854681	-1.17003		0.144715	1.46819	1.46819	0.34918	1.26652	1.26652	0.0290131	1.87941	1.87941	0.175509	1.42357	1.42357	1.47307	1.40219	0.846116	1
cg20691622	MAST4;MAST4	0.298051	0.348636	0.709331	-1.33275	0.744844	0.907362	-1.1021	0.934755	0.480639	2.08056	0.388133	1.34173	1.34173	0.499251	0.815421	-1.22636		0.997315	1.00885	1.00885	0.921498	1.66371	1.66371	0.605497	1.16778	1.16778	0.3893	1.30035	1.30035	1.47307	2.06751	1.24759	1
cg16058319	PPFIBP1;PPFIBP1;PPFIBP1;PPFIBP1	0.298052	0.348353	1.18311	1.18311	0.253137	1.23104	1.23104	0.244017	1.23648	1.23648	0.544569	1.11277	1.11277	0.838521	1.03616	1.03616		0.0330718	1.5434	1.5434	0.26526	0.816998	-1.22408	0.432083	0.860922	-1.14953	0.593304	1.09843	1.09843	1.47306	0.707593	0.426983	1
cg07988120	DOK4	0.298053	0.0348373	7.58651	7.58651	0.409178	1.97606	1.97606	0.299759	2.38422	2.38422	0.104202	4.25596	4.25596	0.412383	1.9664	1.9664		0.191036	3.07441	3.07441	0.472468	0.553682	-1.80548	0.25822	2.59832	0.323191	2.28854	2.28854	1.51572	15.2104	7.79746	1
cg15444049	RASGEF1C	0.298053	0.857581	1.709114	-1.41021	0.0130564	1.84216	1.84216	0.0705868	7.09686	0.834806	0.859351	-1.17458	0.695237	0.793124	1.35442			0.524232	0.608378	-1.64426	0.459617	0.559812	-1.78631	0.604399	1.4959	1.4959	0.623218	0.689738	-1.44983	1.47306	13.8517	8.35858	1
cg17526812	MYO1B;MYO1B;MYO1B	0.298055	0.375201	1.91475	1.91475	0.388206	0.531952	-1.87987	0.0756816	0.243858	-4.10075	0.79386	0.829524	-1.20551	?	?	?		0.301232	0.465571	-2.1479	0.428242	1.78113	1.78113	0.242592	2.39366	2.39366	0.313748	2.10353	2.10353	1.47303	10.5688	7.17146	1
cg04015361	NTM	0.298058	0.179264	0.4032	-2.48204	0.0578827	0.255355	-3.91612	0.235762	0.453362	-2.20574	0.628762	0.793525	-1.36365	0.156698	0.381191	-2.62334		0.124213	0.34651	-2.88592	0.108183	0.328059	-3.04823	0.658153	0.686158	-1.45739	0.625109	1.36824	1.36824	1.47304	9.45656	5.70945	1
cg14482595	AGBL5;AGBL5	0.298059	0.854347	1.04222	1.04222	0.310836	1.21195	1.21195	0.241668	1.25141	1.25141	0.668382	1.07863	1.07863	-1.59165	0.947652	-1.05524		0.300994	0.8217	-1.21697	0.623465	0.915599	-1.09218	0.96812	0.879632	-1.14465	0.0270438	1.6145	1.6145	1.47304	0.785285	0.471458	1
cg14676769	MIR600;C9orf45	0.298061	0.463392	0.787292	-1.27018	0.0195332	2.47027	2.47027	0.0892361	1.823	1.823	0.496878	1.24736	1.24736	0.809798	1.08033	1.08033		0.983245	1.00675	1.00675	0.863027	1.05689	1.05689	0.510201	1.23867	1.23867	0.509396	1.23919	1.23919	1.47303	2.39527	1.44541	1
cg06246552	LEPROTL1;LEPROTL1	0.298065	0.400035	1.25003	1.25003	0.0736589	1.28397	1.28397	0.0523663	1.28397	1.28397	0.923164	0.989128	-1.01092	0.160772	0.821284	-1.21761		0.289613	1.13266	1.13266	0.326182	1.01056	1.01056	0.387207	1.13339	1.13339	0.249408	1.14614	1.14614	1.47302	0.295522	0.180745	1
cg00743280	ZNF521	0.298068	0.160853	1.31439	1.31439	0.908012	0.979128	-1.02132	0.386569	1.17586	1.17586	0.0637281	0.683568	-1.46291	0.442437	1.15366	1.15366		0.19139	1.28719	1.28719	0.941957	1.01338	1.01338	0.99	1.29854	1.29854	0.570164	1.11042	1.11042	1.47301	0.777173	0.468985	1
cg13445516	DNAH17	0.298069	0.24595	1.78261	1.78261	0.29447	0.493403	-1.44438	0.0825161	0.553676	1.80745	0.262746	0.359158	-2.78459	0.0839528	0.351916	-2.84159		0.0744329	0.272156	-3.6427	0.0276166	0.237169	-4.2164	0.0842278	0.384479	-1.13061	0.0900397	0.207042	4.82894	1.47301	1.36744	1.00166	1
cg09373351	CIITA	0.29807	0.136169	0.413618	-2.41769	0.399661	0.622494	-1.60644	0.0448321	0.281945	-3.54679	0.487889	0.678782	-1.47323	0.0781393	0.340942	-2.93305		0.760853	1.18274	1.18274	0.306232	0.558556	-1.79033	0.35095	0.589904	-1.69519	0.14	0.417703	-2.39404	1.473	7.05151	4.25525	1
cg08660119	ARC	0.298075	0.828484	0.974831	-1.02582	0.103844	0.811428	-1.2324	0.684707	0.953169	-1.04915	0.345524	1.12091	1.12091	0.855649	1.02163	1.02163		0.15501	1.19579	1.19579	0.055832	0.775265	-1.28988	0.730944	0.960255	-1.04139	0.987635	1.00182	1.00182	1.47299	0.322037	0.194336	1
cg04225046	GPRASP1;GPRASP1;GPRASP1	0.298075	0.111246	0.808958	-1.23609	0.0172727	2.10591	2.10591	0.0214383	0.601071	0.664104	0.165579	0.304719	10.266	0.0135	0.0655	15.2672		0.047443	0.0053485	-173.913	0.0053485	0.0053485	-173.913	0.0053485	0.0053485	-173.913	0.0053485	0.0053485	-173.913	1.47299	98.9598	47.0702	1
cg15069948	MOBP;MOBP	0.298079	0.287369	2.33453	2.33453	0.870592	1.13329	1.13329	0.957088	0.959544	-1.04216	0.349155	2.09529	2.09529	0.142302	3.3554	3.3554		0.408302	1.91383	1.91383	0.0813626	4.40486	4.40486	0.0756712	4.56082	4.56082	0.0612126	5.04748	5.04748	1.47298	13.741	8.29222	1
cg08174483	CTDSPL;CTDSPL;MIR26A1	0.298082	0.451648	0.53433	-1.87201	0.0225557	2.40085	2.40085	0.165881	2.69501	0.161967	0.66504	1.66504	0.441446	0.599	1.27022	1.27022	0.898788	1.25802	0.794796	1.25802	0.794796	0.0455169	2.19703	0.0455169	2.19703	0.0455169	2.19703	1.47298	12.9847	7.83583	1
cg11987682	NET1	0.298083	0.213292	0.687151	-1.45528	0.0822598	0.573536	-1.73503	0.872092	1.04721	1.04721	0.497325	0.797305	-1.25423	0.149419	0.664215	-1.55564		0.681291	1.12549	1.12549	0.285227	0.230225	-4.34268	0.0289613	0.14056	-7.11426	0.0271887	0.368359	-2.70739	1.4728	1.91193	1.15379	1
cg17611093	C2orf82	0.298083	0.434332	0.769757	-1.29911	0.992209	1.00403	1.00403	0.56155	0.82485	-1.21234	0.0783453	0.526505	-1.89932	0.607551	1.18522	1.18522		0.612409	1.18246	1.18246	0.110676	1.76858	1.76858	0.307203	1.41446	1.41446	0.20667	0.646041	-1.54789	1.4727	2.51031	1.51489	1
cg16003190	BCL2;BCL2	0.298083	0.997424	1.00364	1.00364	0.119734	1.16343	1.16343	0.260975	1.30065	1.30065	0.184671	0.950505	-1.05059	0.0819443	1.22451	1.22451		0.85861	1.06394	1.06394	0.506109	0.910023	1.09871	0.844817	0.852543	-1.17296	0.120395	1.17447	1.17447	1.47297	0.0496313	1.55636	1
cg08992366	DNAJC1	0.298088	0.241384	1.32694	1.32694	0.587637	0.881358	-1.13461	0.513879	0.858384	-1.16498	0.977001	1.00667	1.00667	0.555117	1.04294	1.04294		0.9654	0.990044	-1.01006	0.0145688	0.499551	-2.0018	0.947512	0.984929	-1.0153	0.438229	1.33279	1.20008	1.47295	1.24121	0.749038	1
cg06685588	2D	0.298097	0.613955	0.932946	-1.07187	0.486373	0.907998	-1.10132	0.987478	1.00214	1.00214	0.765883	0.960071	-1.04159	0.0718006	1.31559	1.31559		0.170419	1.22045	1.22045	0.703622	0.94918	-1.05354	0.166819	0.817806	-1.22278	0.182741	1.21281	1.21281	1.47292	0.434373	0.262139	1
cg12045528	EHD3	0.298101	0.0166661	0.518354	-1.92918	0.796406	1.08406	1.08406	0.868981	1.05289	1.05289	0.884747	1.04632	1.04632	0.646028	0.865563	-1.15532		0.0636254	1.93557	1.93557	0.191462	1.53995	1.53995	0.725254	0.895693	-1.11645	0.84922	1.06122	1.06122	1.47291	2.27361	1.3721	1
cg02939989	HK2	0.298102	0.61613	1.16473	1.16473	0.7826	1.01041	1.01041	0.974555	1.08254	1.08254	0.648199	1.71703	1.71703	1.16146	1.16146	0.367528	1.61	0.474295	1.40409	1.40409	0.0475389	1.13316	1.13316	0.672451	1.18275	1.18275	1.47291	0.174483	0.372646	1
cg20794334	ARHGEF4;ARHGEF4	0.298103	0.827289	1.08195	1.08195	0.865402	1.06306	1.06306	0.334857	0.698721	-1.43119	0.465099	0.764923	-1.30732	0.31147	1.43503	1.43503		0.0786383	2.02198	2.02198	0.0434509	2.30963	2.30963	0.412616	1.35249	1.35249	0.865641	1.06294	1.06294	1.4729	3.03108	1.82924	1
cg10588334	AUTS2;AUTS2;AUTS2	0.298103	0.282182	0.451977	-2.21299	0.0175127	1.36589	1.36589	0.324068	1.53498	0.204082	0.386097	-2.59029	0.464138	0.109796	0.655977	-1.52477		0.516122	1.19053	1.19053	0.326049	1.55681	1.55681	0.0997	1.48149	1.48149	0.0429	1.37054	1.37054	1.47289	0.21798	0.127096	1
cg03210056	IQSEC2;IQSEC2;IQSEC2	0.298108	0.43565	0.660213	-1.51466	0.72324	1.20396	1.20396	0.921957	0.950131	-1.05249	0.087534	0.374169	-2.67259	0.0992272	0.389288	-2.56879		0.257341	1.539509	-1.85354	0.0635657	0.336586	-2.97101	0.134397	0.430569	-2.32251	0.359933	0.611796	-1.63453	1.47289	0.3571	3.83651	1
cg17175376	LIAS	0.298113	0.131736	0.81796	-1.22255	0.301324	1.14141	1.14141	0.347447	1.12691	1.12691	0.28543	0.87195	-1.14685	0.264209	1.15457	1.15457		0.367623	0.891994	-1.12108	0.23406	0.852215	-1.16657	0.886964	1.11575	1.11575	0.415298	1.08131	1.08131	1.47287	0.355809	0.214733	1
cg19645320	CAPN12	0.298113	0.830214	1.04195	1.04195	0.0860598	1.07586	1.07586	0.532483	1.20403	1.20403	0.0613963	2.74733	2.74733	0.417005	1.10746	1.10746		0.650589	1.0639	1.0639	0.0647275	0.779188	-1.28339	0.0421804	0.610838	-1.63722	0.0647275	0.779188	-1.28339	0.0421804	0.610838	-1.63722	0.0647275	0.779188	-1.28339	0.0421804	0.610838	-1.63722	1.47287	12.8847	8.83183	1
cg22657772	SIK3	0.298113	0.100674	2.11778	2.11778	0.640858	2.1166	2.1166	0.76736	1.13405	1.13405	0.123853	2.00464	2.00464	0.863487	0.930703	1.07446		0.13142	1.97312	1.97312	0.357044	1.48482	1.48482	0.64683	1.27726	1.27726	0.107045	2.08377	2.08377	1.47287	4.06237	2.45167	1
cg05376477	KIF14	0.298114	0.0496602	1.41466	1.41466	0.73782	1.27272	1.27272	0.109591	1.52483	0.661071	0.664104	1.50579	1.50579	0.304719	10.266	0.0135	0.0655	15.2672		0.047443	0.0053485	-173.913	0.0053485	0.0053485	-173.913	0.0053485	0.0053485	-173.913	0.0053485	0.0053485	-173.913	1.47286	98.9598	47.0702	1
cg10812717	ERMN;ERMN	0.298131	0.275911	2.63664	2.63664	0.322373	1.3975	1.3975	0.828749	1.20358	1.20358	0.374115	2.18232	2.18232	0.188859	3.28959	3.28959		0.235561	2.89601	2.89601	0.0391342	7.70628	7.70628	0.121991	4.19468	4.19468	0.0736633	5.50524	5.50524	1.47282	17.0677	10.3009	1
cg19645160	GLS;GLS;GLS	0.298134	0.840324	1.05027	1.05027	0.0221092	1.30653	1.30653	0.144467	1.60004	1.60004	0.461466	1.10324	1.10324	0.68327	0.984386	-1.01476	0.561867	0.990794	-1.07455	0.0667206	0.930184	-1.07509	0.0667206	0.930184	-1.07509	0.0667206	0.930184	-1.07509	0.0667206	0.930184	-1.07509	1.47281	0.265017	0.159546	1
cg04939616	LPHN1;LPHN1	0.298136	0.644485	1.09246	-1.1307	0.0612547	0.257533	-3.88299	0.500082	0.648325	-1.53322	0.290019	0.493413	-2.02675	0.0625623	0.459	-2.17865		0.359992	0.968246	-1.0328	0.32681	0.859005	0.239076	2.12025	2.12025	0.148827	0.369359	0.370739	1.4728	0.59159	5.82532	1
cg07453718	ARSA;ARSA;ARSA;ARSA;ARSA	0.298141	0.38094	0.520223	-1.92225	0.448685	0.570392	-1.75318	0.826532	0.852485	-1.17304	?	?	?	0.0541452	0.204067	-4.90036		0.867952	1.12863	1.12863	0.196085	2.70225	2.70225	0.422393	1.81469	1.81469	0.29249	2.2126	2.2126	1.47346	0.37968	0.198427	1
cg20129313	RPRML;RPRML	0.298143	0.384153	0.791449	-1.26315	0.0966	1.11568	1.11568	0.650482	1.17016	1.17016	0.60244	0.871317	-1.14769	0.582907	1.1543	1.1543		0.536353	1.17836	1.17836	0.66528	0.893176	-1.11985	0.884393	0.962063	-1.03931	0.24851	1.42729	1.30252	1.47286	1.64945	0.907702	0.867189	1
cg14209637	C4orf27	0.298145	0.176752	0.526432	-1.89958	0.645767	1.22975	1.22975	0.183406	1.87897	1.87897	0.764776	0.874514	-1.14349	0.662438	0.821779	-1.21687		0.692629	1.837335	-1.19427	0.9	?	?	0.948953	0.64995	-1.53858	0.0618896	0.253612	2.53612	1.47345	0.414181	2.81096	1
cg01656789	CPVL;CPVL	0.298145	0.55145	0.824709	-1.21253	0.289477	1.16901	1.16901	0.186147	1.57344	1.57344	0.33866	0.726921	-1.37567	0.11812	0.577703	-1.73099		0.704682	1.11144	1.11144	0.913114	0.885706	-1.12908	0.663571	0.857006	-1.16685	0.987565	0.994812	-1.00522	1.47278	3.49318	1.47216	1
cg12460169	PSD3;PSD3	0.298147	0.762777	0.829227	-1.20537	0.898442	0.924373	-1.08141	0.0814494	1.44142	1.44142	0.0499151	0.833891	1.11142	0.0414851	1.04594	1.04594		0.688715	1.28138	1.28138	0.898013	1.08215	1.08215	0.673434	1.05435	1.05435	0.514414	0.930463	1.85577	1.85577	1.47277	8.84248	5.13487	1
cg05322332	FRAS1;FRAS1	0.298153	0.159587	0.221006	-4.52475	0.605151	0.592237	-1.68851	0.853197	1.20449	1.20449	0.164616	0.38991	-2.56469	0.0958692	0.559203	-6.27773		0.149633	0.211899	-4.71924	0.0346766	0.0843029	-11.862	0.528809	0.526819	-1.89819	0.204968	0.260983	-3.83166	1.47275	23.5314	14.2025	1
cg26116950	PDZRN4	0.298154	0.0955379	0.476476	-2.09826	0.0975692	1.53809	1.53809	0.313168	1.67447	0.576547	0.736457	1.22934	1.22934	0.0997855	0.707079	-2.53344		0.227071	1.26255	1.26255	0.42306	0.760558	-1.31482	0.0997855	0.707079	-2.53344	0.0997855	0.707079	-2.53344	0.0997855	0.707079	-2.53344	0.0997855	0.707079	-2.53344	1.47275	8.80959	5.80979	1
cg21143197	MACF1	0.298156	0.398197	0.689723	-1.44986	0.318109	0.642019	-1.55759	0.870554	0.932361	-1.07255	0.203488	0.561908	-1.77965	0.257877	0.602288	-1.66034		0.426176	0.705435	-1.41756	0.286391	0.62162	-1.6087	0.0142524	0.273031	-3.66259	0.876182	1.06925	1.06925	1.47274	4.30151	2.59622	1
cg08781602	PHF20;MAS2;MAP2K5	0.298162	0.270189	1.16877	1.16877	0.85862	1.02452	1.02452	0.923957	1.1484	1.1484	0.188739	1.20822	1.20822	0.0804004	1.30188	1.30188		0.650589	1.0639	1.0639	0.0647275	0.779188	-1.28339	0.0421804	0.610838	-1.63722	0.0647275	0.779188	-1.28339	0.0421804	0.610838	-1.63722	0.0647275	0.779188	-1.28339	0.0421804	0.610838	-1.63722	1.47273	0.24305	0.159745	1
cg01638175	LAMB2	0.298163	0.264485	1.92462	1.04629	0.425	0.92843	-1.07709	0.107435	0.843261	-1.18587	0.85286	0.982147	-1.01818	0.572882	1.0583	1.0583		0.0308046	1.781854	-1.27901	0.628563	0.953804	-1.04843	0.723361	0.966104	-1.03509	0.913943	1.10501	1.10501	1.47272	2.19584	0.132534	1
cg26727488	GREM1	0.298172	0.97768	1.00706	1.00706	0.419114	0.812624	-1.23058	0.287003	0.757414	-1.32028	0.91818	0.974505	-1.02616	0.929254	1.02257	1.02257		0.184118	1.42491	1.42491	0.194887	0.708496	-1.41144	0.987565	1.00392	1.00392	0.0428953	1.79617	1.79617	1.47269	1.47331	0.889261	1
cg10646080	FLJ30058	0.298174	0.304004	1.78148	1.78148	0.48087	0.593767	-1.68411	0.0116	0.573102	1.25014	1.25014	0.480403	1.07525	1.07525	1.07919	1.07919		0.0394866	3.50097	3.50097	0.14054	2.30046	2.30046	0.478588	1.46083	1.46083	0.747398	0.843653	-1.18532	1.47269	0.45609	0.88676	1
cg13263830	DEPDC5;DEPDC5;DEPDC5	0.298183	0.5672	1.20456	1.20456	0.736083	1.11501	1.11501	0.241535	0.674016	-1.48365	0.107214	0.567886	-1.76092	0.0790824	1.87278	1.87278		0.960247	0.984088	-1.01617	0.16854	1.60345	1.60345	0.59975	1.18578	1.18578	0.801291	0.922052	-1.08454	1.47266	2.44153	1.45788	1
cg16461194	IGSF9B	0.298192	0.0779742	0.61153	-1.63513	0.0443	0.633973	-1.57783	0.0423	0.626979	1.59493	0.160154	0.630173	-1.58707	0.0998455	1.00154	0.663118	2.42398	0.737528	1.48758	0.311707	0.0810049	0.933902	-1.07089	0.23093	0.933902	-1.07089	0.23093	0.933902	-1.07089	0.23093	0.933902	-1.07089	0.23093	1.47262	1.03359	0.7035	1
cg07972150	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.298199	0.37876	1.57817	1.57817	0.0261502	1.79366	1.79366	0.785301	1.14795	1.14795	0.849709	0.908595	-1.1006	0.147329	0.455806	2.19392		0.147824	0.731971	-1.36617	0.655053	0.796747	-1.2551	0.612722	1.29425	1.29425	0.720292	0.833864	-1.19924	1.47261	0.95505	3.59455	1
cg05119467	GNB1	0.298201	0.8951	1.08168	1.08168	0.152788	2.48786	2.48786	0.0331294	4.40435	4.40435	0.62402	1.34184	1.34184	0.659068	0.767763	-1.30248		0.848268	1.12076	1.12076	0.353158	0.560829	-1.78351	0.0843202	0.41182	-2.42813	0.154665	0.254665	0.409126	1.65281	1.65281	1.47261	8.26247	4.98736	1
cg04332287	ATP13A1	0.298205	0.918208	1.03599	1.03599	0.0776584	0.980009	-1.02078	0.972816	1.00855	1.00855	0.833168	1.57473	1.57473	0.443778	1.16611	1.16611		0.438574	0.785753	-1.27302	0.0418304	0.538308	0.85629	-1.16727	0.0938265	0.412685

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T vs. N)	Ratio(105T vs. 047 vs. N)	Fold-Change(1-vs-111T vs. N)	Ratio(111T vs. N)	Fold-Change(1-vs-112T 11T vs. N)	Ratio(112T vs. N)	Fold-Change(1-vs-121T 12T vs. N)	Ratio(121T vs. N)	Fold-Change(1-vs-121T 21T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(1-vs-353T 47T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-537T 53T vs. N)	Ratio(537T vs. N)	Fold-Change(1-vs-537T 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg17674726	ITM2C,ITM2C,ITM2C	0.298492	0.689174	0.880353	-1.13585	0.889168	0.995618	-1.0044	0.318106	0.756187	-1.39628	0.514092	0.807331	-1.23868	0.399619	1.52173	1.52173	0.359443	0.983684	-1.01659	0.020381	2.47021	2.47021	0.254855	1.469	1.469	0.882374	1.04906	1.04906	1.47722	2.43919	1.47323	1
cg00158590	MYT1L	0.298497	0.383899	0.659056	-1.51732	0.134893	0.471092	-2.12273	0.090583	1.00553	1.00553	0.56864	1.31041	1.31041	0.191435	0.475509	2.10301	0.314508	0.615245	-1.62537	0.069996	0.388258	-2.5756	0.071498	0.090666	-2.55973	0.749745	0.861183	-1.16119	1.4717	5.08319	3.07018	1
cg10405557	FCGR7,FCGRT	0.298499	0.395942	0.70086	-1.42682	0.0586654	0.417589	-2.3947	0.984969	1.00773	1.00773	0.463656	0.737136	-1.3566	0.121047	0.502894	-1.98849	0.410791	0.709006	-1.41042	0.036975	0.371991	-2.69258	0.45705	0.733676	-1.363	0.817245	1.09927	1.09927	1.4717	3.89654	2.35347	1
cg25066583	TDRD3,TDRD3,TDRD3	0.298503	0.10875	0.53207	-1.87945	0.770224	1.11143	1.11143	0.945996	1.02474	1.02474	0.683737	1.15921	1.15921	0.121906	1.83083	1.83083	0.20375	1.62231	1.62231	0.121486	0.54576	-1.83231	0.506181	0.784032	-1.27546	0.947482	0.976519	-1.02405	1.07168	3.03261	1.83168	1
cg16176471	PSMD2	0.298503	0.527116	0.904491	-1.10559	0.762929	1.04853	1.04853	0.114908	1.30408	1.30408	0.582804	0.916763	-1.09079	0.265678	1.19926	1.19926	0.048995	1.42236	1.42236	0.853775	1.02932	1.02932	0.256226	1.20711	1.20711	0.141661	1.2809	1.2809	1.47668	0.572031	0.345504	1
cg15062281	KPNA4	0.298533	0.237134	0.897166	-1.11462	0.382392	0.918263	-1.08901	0.0381207	1.25669	1.25669	0.350227	1.05983	1.05983	0.675381	1.06702	1.06702	0.470135	0.932447	-1.07245	0.44635	1.07669	1.07669	0.537596	0.942314	-1.06122	0.388155	1.08784	1.08784	1.47668	0.211197	0.127562	1
cg03315270	CA13	0.298505	0.139711	0.737832	-1.35532	0.76935	1.05787	1.05787	0.249401	0.794287	-1.25899	0.473225	1.14977	1.14977	0.602949	1.10561	1.10561	0.600289	0.903796	-1.10644	0.0689034	1.47619	1.47619	0.768386	1.05812	1.05812	0.197605	0.770625	-1.29765	1.47668	0.853118	0.515281	1
cg15617202	GGT7	0.298507	0.574536	1.23736	1.23736	0.846079	0.70474	-1.41896	0.585568	0.849562	-1.17744	0.482005	0.852604	-1.17296	0.607244	0.647753	-1.54311	0.21912	0.671378	-1.48949	0.0273927	0.3885	-2.56837	0.756887	0.885334	-1.12952	0.907155	1.04004	1.04004	1.47167	3.04047	1.83944	1
cg11775828	STK39	0.298509	0.092252	0.416982	-2.39819	0.747949	0.858829	-1.16438	0.733171	1.18279	1.18279	0.223635	0.5469	-1.82849	0.0691699	0.382988	-2.61104	0.274092	0.584394	-1.71117	0.0580391	0.363754	-2.74011	0.353461	0.637217	-1.56932	0.369901	0.647496	-1.54441	1.47166	5.19298	3.13657	1
cg17865114	CLDN6	0.298513	0.077826	2.3887	2.3887	0.886698	1.0654	1.0654	0.535947	1.32114	1.32114	0.0399422	2.87216	2.87216	0.903269	1.05551	1.05551	0.923067	0.957980	-1.04385	0.632482	0.807281	-1.23873	0.981256	0.989616	-1.01049	0.0949889	2.25967	2.25967	1.47165	4.60147	2.77932	1
cg00575005	RIPPLY2	0.298513	0.0570885	2.382083	2.382083	0.915881	1.13357	1.13357	0.241262	1.2068	1.2068	0.869354	1.16161	1.16161	0.0712796	1.32098	1.32098	0.738381	2.4831	2.4831	0.886752	1.12771	1.12771	0.663768	0.90397	-1.10623	0.0455855	1.78139	1.78139	0.235371	0.481369	-2.07741	0.47165	0.805335	4.86549	1
cg04319606	C2orf70	0.298514	0.607638	0.626319	-1.59663	0.167719	0.775224	0.77524	-1.29055	0.252145	3.96423	0.621388	1.56796	1.56796	0.160886	0.25845	-3.86922	0.868074	1.16206	1.16206	0.918399	1.09701	1.09701	0.945067	0.96121	-1.04057	0.992171	0.991174	-1.0089	1.47165	1.92046	1.19026	11.491	1
cg02317830	TSKU	0.298514	0.0963675	0.735284	-1.36002	0.427289	0.864249	-1.15588	0.474815	0.88453	-1.13054	0.739443	1.05783	1.05783	0.305666	0.836732	-1.19513	0.972235	1.00587	1.00587	0.991052	1.19354	1.19354	0.347899	1.22564	1.22564	0.0963954	1.36028	1.36028	1.47165	0.661208	0.399376	1
cg26337390	GIMAP1	0.298532	0.364835	0.837954	-1.22256	0.960255	0.99059	-1.00905	0.882662	1.03239	1.03239	0.633826	1.10759	1.10759	0.198967	1.34833	1.34833	0.767981	0.938151	-1.06593	0.0378905	1.68122	1.68122	0.265235	0.778361	-1.28475	0.319645	0.800964	-1.2485	1.47163	1.08549	0.555654	1
cg23352695	NF1-EVI2A,NF1,EVI2A	0.298532	0.966842	1.03566	1.03566	0.0752793	0.188333	-5.30975	0.448843	0.521413	-1.91787	0.934198	0.932756	-1.07209	0.314169	2.40482	2.40482	0.694657	0.71708	-1.39454	0.188237	1.23925	1.23925	0.111956	1.43205	1.43205	0.422698	1.29442	1.29442	1.47162	1.56528	10.0043	1
cg02357938	RPL6,RPL6	0.298539	0.0248143	1.474639	-1.92686	0.576821	0.854488	-1.17029	0.59741	0.978532	-1.02215	0.196903	0.683485	-1.46309	0.119168	0.643472	-1.55391	0.533362	1.19241	1.19241	0.228713	0.70302	-1.42244	0.334733	0.757679	-1.31982	0.767907	0.920767	-1.08605	1.4716	1.83144	1.09536	1
cg27637048	RRM2,RRM2	0.298531	0.134402	0.45506	-2.19751	0.618593	0.782855	-1.27738	0.420827	0.66956	-1.49352	0.30111	0.592976	-1.68641	0.0223352	0.263123	-3.8005	0.50489	0.718895	-1.39102	0.31473	0.602244	-1.66046	0.951854	1.02989	1.02989	0.0987889	0.413592	-2.41784	1.4716	5.54509	3.3494	1
cg11276498	CLCN6,CLCN6,CLCN6,CLCN6,MTHFR	0.298532	0.740283	0.950246	-1.05236	0.331638	1.17421	1.17421	0.0805433	1.3463	1.3463	0.650438	1.02938	1.02938	0.0983419	1.32065	1.32065	0.748215	0.951792	-1.05065	0.273844	0.839737	-1.19088	0.904659	1.10945	1.10945	0.125331	1.28982	1.28982	1.47159	0.548644	0.331338	1
cg10769531	LRRN3,IMMP2L,LRRN3,LRRN3	0.298537	0.048848	0.802225	-1.2439	0.248864	0.656152	-1.52404	0.189072	1.18279	1.18279	0.223635	0.5469	-1.82849	0.0691699	0.382988	-2.61104	0.274092	0.584394	-1.71117	0.0580391	0.363754	-2.74011	0.353461	0.637217	-1.56932	0.369901	0.647496	-1.54441	1.47166	5.19298	3.13657	1
cg21194517	WNK2	0.298537	0.447987	1.45335	1.45335	0.0398417	3.15432	3.15432	0.105092	2.3542	2.3542	0.865185	1.08562	1.08562	0.477926	0.705518	-1.4174	0.123869	2.23821	2.23821	0.692898	0.825387	-1.21155	0.387899	1.53396	1.53396	0.883993	1.07314	1.07314	1.47158	5.44768	3.29061	1
cg19497517	PLEC1,PLEC1,PLEC1	0.298539	0.611746	1.73498	1.57896	0.993064	1.16145	1.16145	0.0457906	1.77445	1.77445	0.241188	2.98868	2.98868	0.251835	0.543611	-2.10227	0.357164	2.32809	2.32809	0.996304	0.998107	-1.00414	0.976452	0.974005	-1.02669	0.085784	0.54435	0.54435	1.47157	18.559	11.2104	1
cg03530041	FOXH1,FOXH1,FOXP4	0.29854	0.33596	0.77423	-1.29161	0.920353	0.974535	-1.02613	0.755391	1.08394	1.08394	0.34594	0.778539	-1.28466	0.181871	1.4412	1.4412	0.463366	0.825621	-1.21121	0.0284177	1.94862	1.94862	0.777007	1.07598	1.07598	0.963906	0.988397	-1.01174	1.4717	1.5503	0.936444	1
cg20449414	KIAA1598,KIAA1598	0.298543	0.369073	0.680353	-1.46931	0.0480649	0.691804	-1.4455	0.0428965	1.27592	0.756202	1.32254	1.22102	0.819803	0.0224882	1.22102	1.22102	0.717071	1.06239	1.06239	0.699706	1.03026	1.03026	0.842363	1.12041	1.12041	0.0955552	1.01744	1.01744	0.710912	1.06258	1.06258	0.475556	0.0935888	0.784259	1
cg00973334	LASS5	0.298545	0.111834	0.635809	-1.5728	0.0340706	0.523672	-1.90959	0.340413	0.773405	-1.29298	0.736206	0.915368	-1.09246	0.647509	1.12794	1.12794	0.402568	0.799284	-1.25112	0.76761	1.08058	1.08058	0.609847	1.14408	1.14408	?	?	?	1.4722	1.47163	0.96293	1
cg03195164	C3orf37,C3orf37	0.298545	0.0275334	2.4778	-4.03585	0.832209	1.12027	1.12027	0.201383	2.05905	2.05905	0.218025	0.882466	-1.13319	0.732472	1.20163	1.20163	0.309521	0.569527	-1.75584	0.185408	0.471551	-2.12066	0.855458	0.907004	-1.10253	0.7706001	0.85512	-1.16943	1.47156	6.67832	4.03402	1
cg10092212	SNORD43,RPL18,RPL3	0.298548	0.416164	1.40454	1.40454	0.134615	1.26889	1.26889	0.0782102	1.32535	1.32535	0.16129	1.74657	1.74657	0.0711626	1.34637	1.34637	0.308362	0.855945	-1.1681	0.324344	1.15336	1.15336	0.903426	1.01808	1.01808	0.682597	1.06258	1.06258	1.47155	0.507921	0.30681	1
cg27175302	RUFY3,RUFY3,RUFY3	0.298548	0.774482	1.1361	1.1361	0.0846025	2.3333	2.3333	0.232719	0.573578	-1.74344	0.334967	1.5553	1.5553	0.968726	0.101757	1.01757	0.889948	2.2938	2.2938	0.855081	0.922	-1.0846	0.68539	1.19831	1.19831	0.2206677	0.564435	-1.77168	1.47154	4.59842	2.77768	1
cg05563651	RUNDC1	0.298551	0.140542	0.223162	-4.25239	0.2735384	0.218338	0.218338	0.0624591	0.13463	1.3463	0.650438	1.02938	1.02938	0.0983419	1.32065	1.32065	0.748215	0.951792	-1.05065	0.273844	0.839737	-1.19088	0.904659	1.10945	1.10945	0.125331	1.28982	1.28982	1.47159	0.548644	0.331338	1
cg00748821	LIN54-LIN54,LIN54	0.298562	0.662112	1.07891	1.07891	0.742722	0.944693	-1.05854	0.943876	1.01224	1.01224	0.507999	1.12299	1.12299	0.537975	1.11373	1.11373	0.16805	1.28886	1.28886	0.0329016	0.650692	-1.53683	0.9375	0.848062	-1.17916	0.382786	1.16719	1.16719	1.4715	0.695302	0.42001	1
cg16347724	HIST1H2AI,HIST1H2BM	0.298562	0.370584	0.263374	-3.79688	0.768634	1.47684	1.47684	0.147327	0.54747	0.54747	0.47268	0.34648	-2.88608	0.193032	0.738092	0.738092	0.472512	2.88729	2.88729	0.751279	0.630392	-1.58631	0.516676	0.2563	2.5963	0.0382778	32.5913	32.5913	1.4715	49.0725	29.6431	1
cg19570574	THBS1	0.298565	0.858353	1.06662	1.06662	0.0845346	0.325257	3.07435	0.0766154	1.16124	1.16124	0.0445396	0.824707	-1.06905	0.891475	0.979727	-1.02112	0.357514	2.32809	2.32809	0.996304	0.998107	-1.00414	0.976452	0.974005	-1.02669	0.085784	0.54435	0.54435	1.47157	18.559	11.2104	1
cg08955754	CFLAR,CFLAR	0.298573	0.78364	0.972049	-1.02876	0.657037	0.955016	-1.0471	0.585613	1.05834	1.05834	0.462878	1.08001	1.08001	0.987054	0.99833	-1.00167	0.949452	1.00655	1.00655	0.818856	0.746102	-1.3403	0.9464	1.00695	1.00695	0.183104	1.15661	1.15661	1.47147	0.247239	0.149353	1
cg19422140	CHERP,CHERP,CHERP	0.298581	0.31203	0.779729	-1.28293	0.613163	0.848049	0.81804	-1.22281	0.64337	0.76202	1.31156	0.633736	1.63736	0.0664308	1.57834	1.57834	0.259886	1.42186	1.42186	0.548488	0.703702	-1.42152	0.828469	0.858851	-1.16455	0.742844	0.819356	0.809888	1.09155	1.09155	1.47146	0.829588	0.704259	1
cg25053584	PDS5B	0.298583	0.970804	0.99448	-1.00555	0.697234	1.06169	1.06169	0.7371	0.95032	-1.05228	0.828294	1.0334	1.0334	0.92204	0.985304	1.01491	0.689063	0.940982	-1.06272	0.386543	0.874374	-1.14368	0.011565	1.61214	1.61214	0.578178	1.08867	1.08867	1.47144	0.53307	0.322025	1
cg26512142	KCNQ1,KCNQ1	0.298584	0.679009	1.08355	1.08355	0.331204	1.21327	1.21327	0.294974	1.23298	1.23298	0.197565	0.76902	-1.30036	0.945902	1.01317	1.01317	0.395567	0.845547	-1.18267	0.25998	0.769261	-1.29761	0.825439	0.785973	1.05389	0.5389	0.0513954	1.5337	1.5337	1.47144	0.866496	0.523447	1
cg21198021	PHC2	0.29859	0.393593	0.760353	-1.31525	0.139175	1.31975	1.31975	0.724378	0.7605074	1.31488	0.755448	1.11291	1.11291	0.223927	0.898353	-1.11332	0.808466	1.23615	1.23615	0.227348	0.923252	-1.08333	0.344828	0.758869	-1.31775	0.147142	1.24953	1.24953	1.47143	1.79511	1.17351	1
cg22601191	CABLES2	0.29859	0.060522	0.44082	-2.2685	0.810804	0.911359	-1.09726	0.276141	0.645046	-1.55028	0.908353	1.04558	1.04558	0.0561194	0.432884	-2.31009	0.598711	0.814216	-1.22818	0.487611	0.761142	-1.31381	0.238585	0.62019	-1.61241	0.0752658	0.464609	-2.15235	1.47142	3.49074	2.10877	1
cg18441986	SEPT4,SEPT4	0.298593	0.387532	0.762446	-1.3118	0.802257	0.978783	-1.02144	0.780409	0.96407	-1.03741	0.263147	0.61663	-1.62163	0.0264503	0.291869	-3.42712	0.159112	0.82556	-1.21126	0.0710381	0.64583	0.64583	0.152376	0.6242	0.6242	0.17216	1.27034	1.27034	1.47142	11.2079	6.82509	1
cg25160769	HRAS15;HRAS15;HRAS15	0.298597	0.501278	1.53117	1.53117	0.837178	0.882608	-1.13301	0.175989	0.842048	-1.24507	0.100881	0.97542	0.97542	0.140124	0.23702	-4.21808	0.108944	2.88887	2.88887	0.24183	0.21034	0.21034	0.102407	0.23192	0.23192	0.14562	2.58096	2.58096	1.4714	0.58187	5.18442	1
cg20431080	ZNF777	0.2986	0.136302	0.811424	-1.2324	0.13796	1.23115	1.23115	0.302638	1.14914	1.14914	0.94007	0.990259	-1.00984	0.396363	1.11971	1.11971	0.160754	1.21536	1.21536	0.708848	1.05004	1.05004	0.96165	0.99376	-1.00628	0.0908806	1.27533	1.27533	1.47139	0.394961	0.238602	1
cg18091279	NOS2	0.298602	0.479546	1.29995	1.29995	0.0818202	0.697783	1.43435	0.0704926	1.33765	1.33765	0.179928	1.82188	1.82188	0.0296703	1.54343	1.54343	0.483824	1.13789	1.13789	0.540453	0.220263	2.02063	2.02063	0.745828	0.863869	-1.15758	0.776274	0.896488	-1.11677	1.47138	2.76334	2.06752	1.84099	6.82509	1
cg12139707	ATM;ATM	0.298603	0.309157	0.437787	-2.28421	0.0211803	0.113624	-8.80099	0.103756	0.247526	-4.03997	0.661553	0.41301	1.41301	0.372758	0.487654	2.05064	0.785274	0.807079	-1.23904	0.722428	0.755843	-1.32305	0.675385	0.83985	-1.19101	0.3191	0.967897	1.03209	1.03209	1.47138	0.453187	0.572483	1
cg10864970	CADPS2,CADPS2,CADPS2	0.298605	0.0201354	0.5005	-1.99801	0.0425305	0.53653	-1.86492	0.0384969	1.0091	1.0091	0.98562	0.99162	-1.00844	0.833099	1.0091	1.0091	0.803017	1.12341	1.12341	0.0795613	0.644723	0.644723	0.0956613	0.90244	-1.10826	0.0514788	0.644	0.644	1.47137	1.58443	1.08217	0.683373	1
cg12365524	ALS2CR11;ALS2CR11;ALS2CR11;ALS2CR11;ALS2CR	0.298605	0.119345	0.446653	-2.23888	0.899909	1.06184	1.06184	0.204975	0.52849	-1.89218	0.665809	0.812849	-1.23024	0.0234423	0.275004	-3.63631	0.665257	0.812549	-1.2307	0.80598	0.880377	-1.13451	0.222324	0.542416	-1.8436	0.174736	0.502415	-1.99039	1.47137	5.29888	3.20117	1
cg17423089	CLSTN1;CLSTN1	0.298606	0.34061	1.64001	1.64001	0.935466	2.53218	2.53218	0.05181	3.04884	3.04884	0.280932	0.574415	-1.7409	0.254536	1.8186	1.8186	0.825105	1.11794	1.11794	0.611203	2.0832	2.0832	0.272591	1.93596	1.93596	0.0197	1.19396	1.19396	1.47137	5.91319	3.5723	1
cg03687700	FKBP1B;FKBP1B	0.29861	0.0754445	0.452584	-2.20954	0.74877	0.879228	-1.13736	0.160294	1.82371	1.82371	0.147265	1.86443	1.86443	0.911206	0.956298	-1.0457	0.19865	0.58035	-1.7231	0.565509	0.792388	-1.26201	0.585069	1.24714	1.24714	0.870206	1.0677	1.0677	1.47136	3.73911	2.2589	1
cg18396357	NRXN1;NRXN1;NRXN1	0.29861	0.83103	0.956516	-1.07141	0.478983	1.26049	1.26049	0.214137	1.32276	1.32276	0.618028	1.29155	1.29155	0.190231	1.75511	1.75511	0.649	0.862913	-1.15886	0.531104	0.815493	-1.22639	0.975192	0.99058	-1.00951	0.0390036	1.01486	1.01486	1.47136	0.24102	0.145657	1
cg23505966	CEP97	0.29861	0.551178	0.800187	-1.24872	0.939858	0.92819	-1.02819	0.344254	0.698457	-1.43173	0.634965	0.83847	-1.19265	0.453987	0.755046	-1.32442	0.492591	0.773584	-1.29268	0.0786336	0.205348	2.05348	0.471772	0.763655	-1.30949	0.0665735	2.13356	2.13356	1.47136	3.622	1.91038	1
cg06870618	COL18A1;COL18A1;COL18A1	0.298612	0.729669	0.878889	-1.1378	0.39676	1.38117	1.38117	0.0846693	0.491807	-2.03332	0.336873	0.691785	-1.44554	0.0902621	0.499355	-2.00026	0.202606	0.60623	-1.64954	0.243575	1.5719	1.5719	0.974064	1.01217	1.01217	0.623404	0.831877	-1.2021	1.47135	3.22721	1.94966	1
cg03318906	RAB11FIP1;RAB11FIP1	0.298617	0.124171	0.765966	-1.30605	0.649756	0.816836	-1.23329	0.784124	0.805519	-1.16616	0.254262	1.72633	1.72633	0.178331	0.579	-1.72712	0.869752	1.07818	1.07818	0.624694	0.382237	-2.61618	0.345277	1.56182	1.56182	0.260698	1.71269	1.71269	1.47133	4.90245	2.94376	1
cg12638357	MIR127	0.298622	0.152548	0.20752	2.02752	0.1231284	2.16047	2.16047	0.786944	1.13311	1.13311	0.362484	1.53731	1.53731	0.121484	2.16933	2.16933	0.397362	1.49144	1.49144	0.261339	0.582557	-1.71657	0.100581	2.29261	2.29261	0.893376	0.940016	-1.06381	1.47132	0.495816	2.99544	1
cg25257700	NHLRC3;C3orf23;C13orf23;NHLRC3	0.298623	0.193755	0.709754	-1.40907	0.971684	0.864	-1.15695	0.266939	1.16579	1.16579	0.85715	1.44	1.44	0.0194292	1.15192	1.15192	0.565166	1.60762	1.60762	0.406706	1.17592	1.17592	0.905667	0.990179	-1.00993	0.155559	1.41686	1.41686	1.47132	0.858827	0.604717	1
cg25269432	NDUFA4 DDND2;DBND2;SYS1-DBND2;DDND2	0.298627	0.162246	0.764077	-1.30877	0.323302	1.20198	1.20198	0.191364	1.28333	1.28333	0.287406	1.22042	1.22042	0.132508	1.34009	1.34009	0.670044	1.08036	1.08036	0.53384	0.892586	-1.12034	0.430639	1.15611	1.15611	0.117285	1.35908	1.35908	1.4713	0.757818	0.457836	1
cg15925107	DDND2;DBND2;DDND2	0.298629	0.25215	0.703878	-1.4207	0.808322	0.931141	-1.07395	0.482988	0.811164	-1.2328	0.160707	0.64414	-1.55246	0.0645214	0.543578	-1.83966	0.475515	0.80816	-1.23738	0.0257016	0.459436	-2.17618	0.413798	0.782516	-1.27793	0.905302	0.965667	-1.03555	1.4713	2.00792	1.21309	1
cg15860839	SNAPC1	0.298637	0.610124	0.904067	-1.10611	0.918806	1.02017	1.02017	0.367822	1.19891	1.19891	0.0349708	0.617611	-1.61914	0.322372	1.22199	1.22199	0.534124	0.883834	-1.13143	0.522513	1.13554	1.13554	0.757328	1.06267	1.06267	0.172309	1.32962	1.32962	1.4712	8.896205	0.541453	1
cg02654846	IGSF9B	0.298638	0.0649198	0.293713	-3.40469	0.168534	0.420113	-2.38031	0.830464	0.863094	-1.15862	0.0726045	0.306066	-3.26726	0.630836	1.33134	1.33134	0.700061	1.25709	1.25709	0.867832	0.908247	-1.10345	0.509225	1.48494	1.48494	0.462078	1.15659	1.15659	1.4727	8.1406	4.91826	1
cg24073023	PTPN20B;PTPN20A;PTPN20B;PTPN20A;PTPN20B; PTPN20A;PTPN20A;PTPN20A;PTPN20B;	0.298639	0.893316	1.16559	1.16559	0.629525	1.74205	1.74205	0.803488	0.75223	-1.32938	0.857508	1.22781	1.22781	0.0103799	0.0250724	-39.8845	0.4802	2.26941	2.26941	0.825176	1.28741	1.28741	0.732913	0.676274	-1.47869	0.876691	0.837515	-1.19401	1.47127	30.3857	18.358	1
cg26966989	ASAP1	0.298649	0.816545	1.09224	1.09224	0.616348	0.825483	-1.21141	0.917805	0.961567	-1.03997	0.719988	0.872263	-1.14644	0.100755	0.68	-1.47059	0.371712	0.940048	-1.06328	0.422181	0.732512	-1.36517	0.429656	0.736329	-1.35809	0.391374	0.716476	-1.39572	1.47124	3.35859	2.02919	1
cg20463253	PIPOX	0.298651	0.111627	0.313257	-3.19255	0.0442574	0.322269	-3.10374	0.0790655	0.909676	-1.09952	0.207703	0.302323	-3.30772	0.0194195	0.240216	-4.16255	0.113661	0.62623	-1.59704	0.0434257	0.246747	0.246747	0.0592256	0.44637	-2.24078	0.0173447	0.463204	0.463204	1.4709	0.4194	0.31996	1
cg18448361	RAD9A;RAD9A	0.298659	0.530151	0.894453	-1.118	0.0545109	0.682079	-1.46611	0.875742	1.02783	1.02783	0.19421	0.785921	-1.27239	0.671135	1.07779	1.07779	0.655836	0.92434	-1.08185	0.0661609	0.696638	-1.43547	0.328379	1.19356	1.19356	0.702094	0.934815	-1.06973	1.4712	0.736803	0.413086	1
cg15427796	LOC645323;LOC645323;LOC645323	0.298662	0.270253	0.5201	-1.92308	0.163737	0.567239	-1.7636	0.106	0.514853	-1.94475	0.744609	1.2018	1.2018	0.0178322	0.449209	-2.22535	0.550258	0.798839	-1.25194	0.0178322	0.37057	-2.69837	0.0258066	0.74913	-1.33509	0.0258066	0.74913	-1.33509	1.4709	0.964376	0.536273	1
cg03600488	ETV6	0.298667	0.877718	0.07184	1.07184	0.665707	2.52657	2.52657	0.3003	1.6219	1.6219	0.937837	0.965468	-1.03577	0.052776	0.37087	-2.69636	0.785998

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111F 057 vs. N)	Fold-Change(111F 057 vs. N)	p-value(111T vs. N)	Fold-Change(112T 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T 12T vs. N)	p-value(121T vs. N)	Fold-Change(121T N)	p-value(121T vs. N)	Fold-Change(121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T 47T vs. N)	p-value(353T vs. N)	Fold-Change(353T 53T vs. N)	p-value(527T vs. N)	Fold-Change(527T 53T vs. N)	p-value(563T vs. N)	Fold-Change(563T 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	T(Test)	SS(Test)	SS(Error)	df(Error)
cg00189428	IQSEC1;IQSEC1	0.298987	0.337221	1.770307	-1.29818	1.882489	1.01978	1.03978	0.147109	0.6634	-1.50739	2.280317	1.34475	1.34475	0.521819	1.18678	-1.18678	0.689875	1.8096111	-1.11159	1.1232052	0.55523	1.55523	0.40274	1.20172	1.20172	0.1323121	0.651554	1.53479	1.47021	1.61994	0.979415	1
cg20809737	CPT1A;CPT1A	0.298988	0.161612	0.537365	-1.86093	0.873378	1.06852	1.06852	0.0614711	0.456695	-2.39983	0.764889	0.882827	-1.13272	0.135401	0.512358	-1.95176	0.388079	0.692409	-1.44423	0.124113	0.500612	-1.99756	0.984219	0.991815	-1.00825	0.0855326	0.453958	0.452358	-2.20285	1.4702	4.0203	2.43069	1
cg19734201	UBE2K;UBE2K;UBE2K	0.299	0.603036	0.911091	-1.09709	0.114904	1.3556	1.3556	0.87545	0.972547	-1.02823	0.0744662	0.702796	-1.42289	0.319964	0.833279	-1.20008	0.726605	0.938252	-1.06581	0.861092	0.960394	-1.03157	0.808638	0.829441	-1.20563	0.189008	1.28013	1.28013	1.47017	0.733166	0.443406	1
cg25394505	INPP5A	0.299001	0.517941	0.798515	-1.25236	0.75257	1.11465	1.11465	0.228326	0.64795	-1.54333	0.111234	0.553122	-1.81382	0.196702	0.629971	-1.59752	0.798575	0.915978	-1.09173	0.296256	1.45019	1.45019	0.943587	1.39772	1.39772	0.101275	0.5402	1.85116	1.47017	2.74252	1.65818	1
cg17291767	TRERF1	0.299002	0.531615	0.755185	-1.32418	0.277504	0.606245	-1.6495	0.0644111	0.398231	-2.51111	0.797951	0.892542	-1.1204	0.0556948	0.380981	-2.6248	0.080013	0.422834	-2.365	0.597405	0.788632	-1.26641	0.611808	1.25457	1.25457	0.814634	0.901156	-1.10969	1.47016	4.57255	2.76465	1
cg04231319	MLLT10;MLLT10	0.299006	0.456965	1.17042	1.17042	0.683333	0.918332	-1.08893	0.982897	1.00446	1.00446	0.122708	1.41542	1.41542	0.824342	0.95487	-1.04722	0.508238	1.14961	1.14961	0.0247693	0.573957	-1.74229	0.980105	0.994833	-1.00519	0.946994	1.03191	1.03191	1.47015	1.00475	0.607497	1
cg25597029	SHC4;EID1	0.299016	0.186413	0.764704	-1.3077	0.177268	0.759845	-1.31606	0.205056	1.29186	1.29186	0.542544	0.888644	-1.12531	0.315534	1.21988	1.21988	0.485264	0.873005	-1.14547	0.127959	0.729658	-1.3705	0.825894	1.0431	1.0431	0.345848	1.20434	1.20434	1.47012	0.854039	0.516383	1
cg26515337	RNF130	0.299023	0.277516	0.776259	-1.28806	0.209089	1.77986	1.77986	0.502594	0.858653	-1.16461	0.609128	1.12254	1.12254	0.923537	1.02206	1.02206	0.481417	0.851798	-1.17399	0.4282902	1.19967	1.19967	0.793989	1.08423	1.08423	0.276113	0.775737	-1.2891	1.4701	1.16986	0.707349	1
cg07424785	PRDM16;PRDM16	0.299034	0.816405	1.06141	1.06141	0.166198	1.4599	1.4599	0.972436	0.94231	-1.06207	1.08227	0.823349	0.94231	-1.05897	1.023246	0.498991	2.00042	0.596451	0.872012	-1.14677	0.271567	0.745782	-1.34087	1.47006	1.52915	0.924616	1
cg05917311	LTBP4;LTBP4;LTBP4	0.299043	0.68761	0.91407	-1.09401	0.892416	1.03054	1.03054	0.472135	1.17652	1.17652	0.550878	0.874475	-1.14354	0.111669	0.680389	-1.46975	0.331999	0.800547	-1.24915	0.0820218	1.53465	1.53465	0.41723	0.831704	-1.20235	0.155891	0.71358	-1.40138	1.47004	1.15029	0.695549	1
cg02230085	TMEM243	0.299043	0.273441	0.7853	-1.27353	0.24144	0.76964	-1.29918	0.0818297	0.618297	1.05049	1.05049	0.446329	0.94506	-1.05815	0.3135	-3.18977	0.34729	0.802007	-1.24715	0.0126256	0.531458	-1.88206	0.947538	0.993555	-1.00705	0.540779	0.875875	1.14172	1.47004	1.10663	0.644958	1
cg16739118	8HLHE41	0.299044	0.318632	1.90568	0.822526	0.869467	-1.15013	0.0456704	0.232851	-4.29459	0.319118	0.525114	-1.90435	0.170217	0.50465	2.50465	-2.50465	0.259334	0.09021	2.09021	0.95841	0.968059	-1.03299	0.895484	1.08526	1.08526	0.933384	1.05342	1.05342	1.51392	3.09401	4.67251	1
cg06077821	FLT4;FLT4	0.299046	0.502809	1.31896	1.31896	0.758288	0.881915	-1.1339	0.266447	0.624144	-1.60219	0.643172	1.20916	1.20916	0.107242	0.488828	-2.04571	0.691209	0.849984	-1.17649	0.108627	0.490449	-2.03895	0.139523	1.91042	1.91042	0.343041	0.671883	-1.48835	1.47003	3.85859	2.33319	1
cg10513276	RODL;RODL;RODL;RODL;RODL;RODL	0.29905	0.082227	0.738185	-1.35467	0.366967	1.15734	1.15734	0.19002	0.2426	1.2426	0.65739	0.932041	-1.07291	0.795963	1.0417	1.0417	0.910207	1.01795	1.01795	0.944307	1.05	1.11282	1.155981	0.787169	-1.27038	0.213885	1.22918	1.22918	1.47002	0.578765	0.349968	1
cg19615639	ITV6	0.299055	0.642631	1.013477	-1.22929	0.602005	0.792588	-1.26169	0.0432136	0.957935	-2.7938	0.756084	0.871404	-1.14753	0.0763355	0.454907	-2.19751	0.884184	1.14268	-1.1269	0.227091	0.571088	-1.75104	0.256255	1.68796	1.68796	0.374495	0.668514	-1.49586	1.47	4.54369	2.74751	1
cg12583184	SLC24A6	0.299057	0.102422	0.644418	-1.55179	0.926244	1.02303	1.02303	0.901691	1.03085	1.03085	0.25047	0.74435	-1.34345	0.0574083	0.589539	-1.69624	0.305735	0.770487	-1.29788	0.121689	0.661993	-1.51059	0.10202	0.644025	-1.55273	0.671261	0.90036	-1.11067	1.46999	1.40729	0.850971	1
cg26495499	PIR4	0.299063	0.663227	0.874204	-1.14435	0.655278	0.212373	2.12237	0.112723	1.68791	1.68791	0.576186	0.840519	-1.18974	0.393379	1.30863	1.30863	0.88048	1.04738	1.04738	0.907471	1.38411	1.38411	0.162445	1.58219	1.58219	0.34225	1.35127	1.35127	1.46997	2.20354	1.33247	1
cg22838281	TMEM138;TMEM138	0.299067	0.243987	0.639611	-1.56345	0.969154	0.985924	-1.01428	0.934387	1.03065	1.03065	0.0647527	0.467426	-2.13938	0.616667	0.8310078	-1.20326	0.964287	0.983719	-1.01655	0.9352657	0.846911	-2.24259	0.774966	1.11081	1.11081	0.0951437	0.510544	-1.9587	1.46996	3.1282	1.89223	1
cg25404088	TRIOBP;TRIOBP;TRIOBP	0.299069	0.0426199	0.28622	-3.49382	0.17305	0.459769	-2.17501	0.221961	0.502607	-1.98962	0.481957	0.681793	-1.46672	0.3384	0.589263	-1.69703	0.467927	0.673128	-1.4856	0.0982217	0.378324	-2.64323	0.0646236	0.328767	-3.04167	0.509232	0.698489	-1.43166	1.46996	6.68686	4.04357	1
cg25734490	ASCL1	0.299071	0.070754	1.95449	1.95449	0.412324	0.752158	-1.32973	0.0633614	0.934075	-1.98388	0.854836	1.09267	1.09267	0.51417	1.24552	-1.24552	0.29611	1.42268	1.42268	0.936284	1.07782	1.3131	0.88863	1.00474	1.00474	0.994265	2.56424	1.55061	1.46995	2.56424	1.55061	1
cg05663341	DLX6AS;DLX6	0.299072	0.7841	0.861973	-1.16013	0.119011	2.49696	2.49696	0.12699	0.25446	2.45466	0.797731	0.870319	-1.149	0.814314	0.89545	-1.11676	0.222533	0.499332	-2.00027	0.0865751	0.359226	-2.78376	0.693444	1.23805	1.23805	0.993412	1.00448	1.46995	6.8095	4.31775	1
cg05385623	FLNB;FLNB;FLNB;FLNB	0.299077	0.088912	1.564946	1.564946	0.112011	1.825899	1.825899	0.12418	0.21556	2.69956	0.0644129	0.36939	-1.90	0.0315158	0.168069	5.94878	0.016515	0.924544	2.48661	0.0134564	0.403085	2.73764	1.44021	1.24401	1.24401	0.705511	1.06064	1.24401	1.46993	0.844053	0.338908	1
cg00989765	KDR	0.29908	0.136062	0.533396	-1.87478	0.38144	1.42084	1.42084	0.745103	1.13614	1.13614	0.624844	0.824619	-1.21268	0.024745	0.353338	-2.84627	0.86891	1.06676	1.06676	0.61098	0.818138	-1.22229	0.788936	0.900341	-1.11069	0.45338	1.34832	1.34832	1.46992	3.56418	2.15533	1
cg21633086	AIFM1;AIFM1;AIFM1;AIFM1	0.29908	0.319226	0.521426	-1.91782	0.427556	0.599036	-1.66935	0.144768	0.373363	-2.67836	0.0399334	0.49189	0.490189	0.899559	1.083074	1.083074	0.272039	0.485155	-2.0612	0.700258	0.78293	-1.27725	0.831077	0.878583	-1.1382	0.686211	1.29296	1.29296	1.46991	9.3167	5.63401	1
cg26097856	C15orf36;C15orf36;MOBK2A	0.299085	0.307271	0.751022	-1.33091	0.310863	1.74798	1.74798	0.302828	0.841572	-1.18825	0.304798	0.844137	-1.18425	0.304798	0.844137	-1.18425	0.749357	1.13457	1.13457	0.239123	0.76398	-1.30894	0.409524	1.30081	1.30081	0.440518	1.27803	1.27803	1.46991	2.62429	1.30927	1
cg24363298	SLC38A3	0.299088	0.113731	1.23236	1.23236	0.919388	0.987785	-1.01237	0.20818	1.17481	1.17481	0.265953	1.15112	1.15112	0.485026	0.917461	-1.08996	0.680474	0.950967	-1.05156	0.444276	1.09932	1.09932	0.173447	1.19226	1.19226	0.0543915	1.30345	1.30345	1.4699	0.343163	0.20752	1
cg26602791	KPNA6	0.29909	0.377805	0.640317	-1.56173	0.522716	1.67688	1.67688	0.135923	0.631587	1.21704	1.21704	0.888186	-1.26874	0.0915921	0.737072	-1.35672	0.678414	0.814319	-1.22802	0.540171	0.737072	-1.35672	0.0910764	1.19891	1.19891	0.164889	0.544963	1.83515	1.46986	1.83515	0.90825	1
cg29376491	NTN1	0.299114	0.0243155	1.69587	-5.88669	0.349334	0.528559	-1.89051	0.876836	0.902561	-1.10796	0.31832	0.505708	-1.97642	0.596506	0.675209	-1.48102	0.746608	1.239	1.239	0.24212	0.445188	-2.24624	0.276161	0.271347	-3.68532	0.945126	0.955518	1.04655	1.46982	10.1717	6.15145	1
cg12873928	FYN	0.299116	0.91624	0.971341	-1.0295	0.945632	1.01903	1.01903	0.0455233	1.88448	1.88448	0.837585	1.05837	1.05837	0.405809	1.265	1.265	0.86196	1.03675	1.03675	0.223396	1.42416	1.42416	0.124013	1.5847	1.5847	0.175502	0.671542	-1.48911	1.46982	1.77839	1.0755	1
cg27344172	TMEM196	0.299119	0.198394	1.0998	-1.09088	0.858835	1.39373	1.39373	0.178743	1.32076	1.32076	0.563405	1.04842	1.04842	0.133465	1.30496	1.30496	0.727326	1.0988	1.0988	0.0954472	1.542967	-1.84173	0.463467	0.819793	-1.21982	0.343569	1.29729	1.29729	1.51368	1.65497	0.853076	1
cg14844756	MRFAP1	0.29913	0.954358	0.992217	-1.00784	0.8819281	1.30101	1.30101	0.196403	1.20494	1.20494	0.308355	0.865946	-1.15481	0.633807	0.936586	-1.06771	0.388812	0.886419	-1.12813	0.967182	1.0063	1.00563	0.548506	1.08641	1.08641	0.0807296	1.30265	1.30265	1.46977	0.433796	0.262351	1
cg14497255	SLC9A9	0.299133	0.822877	1.07333	-1.07533	0.873408	0.950009	-1.05244	0.834004	1.07435	1.07435	0.421267	0.914475	-1.09354	0.765564	0.90415	-1.10605	0.559994	0.765564	0.90415	-1.10605	0.559238	0.966322	1.03489	0.805316	1.24074	0.00878	0.830055	1.24074	1.46976	0.843043	0.184924	1
cg19374731	MORN1	0.299133	0.0986336	0.519996	-1.92309	0.589218	0.821318	-1.21756	0.986154	0.993756	-1.00629	0.667401	1.16894	1.16894	0.0356308	0.413514	2.4183	0.672108	0.857508	-1.16617	0.142958	0.566384	-1.76559	0.467148	1.30626	1.30626	0.996106	1.00176	1.00176	1.46976	0.035003	1.83554	1
cg00629791	PLXNA2	0.299133	0.21307	0.409552	-2.44289	0.0513519	0.453173	4.53173	0.132126	0.02505	0.02505	0.79308	0.836053	-1.1961	0.355999	0.523781	-1.9092	0.943728	0.953055	-1.04926	0.809147	0.84805	-1.17918	0.527315	0.646462	-1.54688	0.502638	0.629145	-1.58946	1.46976	10.7997	6.53148	1
cg14146493	SERF2;MIR1282	0.299135	0.00288563	1.444946	1.444946	0.0775891	1.942399	1.942399	0.10402	0.516766	1.4604	0.209238	0.344907	-2.89	0.0115158	0.168069	5.94878	0.016515	0.924544	2.48661	0.0134564	0.403085	2.73764	1.44021	1.24401	1.24401	0.705511	1.06064	1.24401	1.46974	0.844053	0.338908	1
cg19916261	FNBP1	0.299136	0.291275	1.31983	1.31983	0.960057	0.987389	-1.01277	0.166097	1.45387	1.45387	0.103977	1.57053	1.57053	0.328905	1.29091	1.29091	0.964152	1.01145	1.01145	0.0905366	1.60415	1.60415	0.0782172	1.64184	1.64184	0.118595	1.53623	1.53623	1.46975	1.4948	0.904038	1
cg27389999	GABBR1;GABBR1;GABBR1	0.299137	0.921434	1.020962	-1.14376	0.832221	1.21321	1.21321	0.518897	1.1944	1.1944	0.249349	0.826574	1.4884	1.4884	0.360083	0.690217	1.54786	0.894009	2.05797	0.75907	0.552645	1.59623	1.59623	0.0744072	2.27947	0.232136	1.15078	1.15078	1.46975	0.160106	0.117788	1
cg09229912	CUX2;CUX2	0.299141	0.751896	0.946198	-1.05686	0.0361629	1.52933	1.52933	0.0762918	0.140242	1.41042	0.803833	0.957531	-1.04435	0.26569	1.22415	1.22415	0.779718	0.95011	1.05011	0.523121	1.12002	1.12002	0.298314	1.20682	1.20682	0.165028	1.29466	1.29466	1.46974	2.707761	0.42805	1
cg03316570	LOC100132354	0.299145	0.113787	0.463442	-2.15777	0.9336	1.03795	1.03795	0.81727	1.109	1.109	0.663222	0.82213	-1.21635	0.0200381	0.285268	-3.50548	0.317302	0.629976	-1.58736	0.688048	0.834926	-1.19771	0.165412	0.516168	-1.93735	0.514511	0.74419	-1.34374	1.46973	4.65082	2.81281	1
cg23185618	CTNNA1;ARTN2	0.299147	0.716964	0.879552	-1.13673	0.772813	0.757563	-1.3197	0.0855205	0.874785	1.14375	0.410252	0.497857	-2.00885	0.0178225	0.216572	-4.61729	0.916237	1.04728	1.04728	0.537037	0.599971	-1.66717	0.315184	0.647274	1.54464	0.226564	0.869331	-1.15031	1.46972	4.48824	2.71469	1
cg04787407	METAP1	0.299148	0.488311	1.08662	1.08662	0.273979	0.874314	-1.14375	0.102502	0.809918	-1.23469	0.163806	0.827723	-1.20813	0.0925396	0.310892	-3.21677	0.21701	0.857004	-1.16563	0.184183	0.748473	1.04264	1.04264	0.255614	0.869331	-1.15031	1.46972	1.47007	0.42805	1
cg04636069	TADA2B	0.299151	0.0205757	1.69587	-5.88669	0.349334	0.528559	-1.89051	0.876836	0.902561	-1.10796	0.31832	0.505708	-1.97642	0.596506	0.675209	-1.48102	0.746608	1.239	1.239	0.24212	0.445188	-2.24624	0.276161	0.271347	-3.68532	0.945126	0.955518	1.04655	1.46982	10.1717	6.15145	1
cg12647643	PTPN13;PTPN13;PTPN13;PTPN13	0.299153	0.039509	0.617141	-1.62038	0.046069	0.698051	-1.43256	0.379759	0.83308	-1.20036	0.824849	0.956069	-1.04595	0.347818	0.822076	-1.21643	0.720447	0.929755	-1.07555	0.0455155	0.628236	-1.59176	0.847471	0.961722	-1.0398	0.651229	0.911889	-1.09662	1.4697	0.950568	0.578341	1
cg22316178	LMX1A	0.299154	0.052303	3.6811	3.6811	0.34965	1.1766	1.1766	0.50155	0.50155	2.079121	1.95506	1.95506	0.116796	2.72497	0.213497	-4.68404	0.480604	1.52706	1.52706	0.0226042	2.74497	0.364311	1.27861	0.0570933	0.56074	1.78327	0.556074	0.569722	1.46986	1.4697	0.93825	1
cg02243714	JPH3	0.299155	?	?	?	0.315135	1.06709	0.9709	0.127263	0.65205	2.63205	0.210926	0.09105	0.09105	0.348892	0.567816	0.76113	?	?	?	0.0822302	0.53374	-1.87357	0.310099	0.539622	1.85315	1.51299	0.82844	1.4164	1.4697	1.47006	0.733166	0.443406	1
cg02108033	FAM184B	0.299156	0.608146	0.865486	-1.15542	0.991528	0.997038	-1.00297	0.234656	1.41622	1.41622	0.458351	1.23484	1.23484	0.800363	1.07335	1.07335	0.356886	0.767436	1.30304	0.0248321	0.47418	-2.1089	0.304566	0.743033	-1.34583	0.906501	1.03337	1.03337	1.46969	1.8164	1.09858	1
cg08549216	MYST1;MYST1	0.299156	0.158955	1.858515	-1.16479	0.781789	1.6227	1.6227	0.251868	1.67875	1.67875	0.832407	1.012368	-1.03233	0.157568	0.737994	-1.35521	0.073188	0.742147	1.34747	0.0158582	0.868574	-1.15133	0.222808	1.74093	1.74093	0.581407	1.27252	1.27252	1.46969	0.4358	0.63686	1
cg14926216	GPR176	0.299167	0.394666	0.883764	-1.13152	0.431485	0.903037	-1.10737	0.153617	0.804538	-1.24295	0.188941	1.19339	1.19339	0.079124	0.780659	-1.28097	0.806485	0.969304	-1.03167	0.338048	1.13367	1.13367	0.339186	0.882369	-1.13331	0.810736	0.969983	-1.03095	1.46966	0.375612	0.22718	1
cg13374221	LOC729755	0.299168	0.585766	0.885207	-1.12938	0.424346	0.574329	-1.73991	0.0343576	0.187229	-5.34105	0.572348	0.678908	-1.47295	0.891157	0.915575	-1.097	0.173936	0.474605	-2.10703	0.0119138	0.232154	-4.30855	0.0905385	0.179706	-5.56607	0.0844206	0.170033	-5.88255	1.46966	0.970033	-1.03058	1.46966	1.46966	0.970033	-1.03058	1.46966	32.7248	6.48964	1
cg07775892	SDC2	0.299169	0.16476	1.625862	1.625862	0.978059	0.996378	-1.00364	0.0205829	0.107276	-9.32633	0.0107829	0.318839	-1.01839	0.534345	0.9131	-1.09529	0.330424	0.875863	-1.14173	0.157609	1.22067	-1.22067	0.488749	1.61978	1.61978	0.0246635	1.4234	-1.4234	1.46965	0.405322	0.22415	1
cg00092311	QARS	0.299169	0.10176	0.644226	-1.55225	0.922507	0.9764	-1.02417	0.825169	0.947142	-1.05581	0.222935	0.730256	-1.36918	0.0637439	1.66794	1.66794	0.244489	1.34833	1.34833	0.497939	0.8446	-1.18399	0.865605	0.959274	-1.04246	0.959641	0.987655	-1.0125	1.46965	1.40243	0.848234	1
cg04949108	MEA1;KLHDC3	0.299172	0.209257	0.47453	-2.10645	0.251581	0.727782	1.64094	0.0942	0.13894	1.9402	0.0655393	0.888033	-1.12609	0.0608824	0.474736	-2.10738	0.418944	0.527215	1.89676	0.153045	0.840703	-1.18948	0.937554	0.78048	-1.2811	0.14484	0.649021	-1.54078	1.46965	1.41558	0.91852	1
cg00357221	TECTB	0.299172	0.208544	0.408418	-2.44847	0.072443	0.258237	-3.87241	0.0512666	0.223324	-4.4778	0.795851	1.19139	1.19139	0.23274	0.42175	-2.37107	0.333146	0.509522	-1.96262	0.10683	0.304482	-3.28426	0.384036	0.547244	-1.82734	0.67688	0.753473	-1.32719	1.46964	1.40185	0.642243	1
cg01555661	NDUFB11;NDUFB11;NDUFB11;NDUFB1	0.299178	0.10335	0.201594	-4.96047	0.64554	1.04077	1.04077	0.875995	1.15124	1.15124	0.198974	1.38762	1.38762	0.185128	1.45875	-1.45875	0.140413	0.24034	-4.16077	0.892975	1.12892	1.12892	0.180142	0.800759	-1.24882	0.400799	0.461576	-2.16649	1.46963	18.8092	11.3765	1
cg22719138	PDCD2L	0.299179	0.0278029	0.445834	-2.24299	0.433077	1.28213	1.28213	0.199237	1.52406	1.52406	0.492252	0.805192	-1.24194	0.737755	0.900871	-1.11004	0.61016	1.17321	1.17321	0.655604	0.860835	-1.14964	0.573151	0.837897	-1.19346	0.436448	1.27971	1.27971	1.46962	2.24628	1.35865	1
cg18588811	MIR377	0.299184	0.0952845	0.955451	-1.0459	0.781789	1.50143	1.50143	0.0643	0.313998	1.3173	1.3173	0.0574	0.0574	0.0574

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg04063082	FAM57B	0.299458	0.714477	0.855571	-1.16881	1.01688575	2.34997	2.34997	0.15547	1.893033	1.893033	0.2306415	0.74087	1.74087	0.14641	1.52426	1.52426	0.0988663	0.19276	2.13776	0.48303	1.34894	1.34894	0.561086	0.781331	1.127987	0.762207	1.13589	1.14877	4.10079	2.48176	1
cg06768251	CDH23;C10orf54	0.299459	0.389887	0.772879	-1.29386	2.07773	0.678121	-1.47466	0.64819	1.14376	1.14376	0.4247045	0.78792	-1.26916	0.3175986	1.30285	1.30285	0.1220229	1.63243	1.63243	0.648943	1.14341	1.14341	0.1155692	0.6065526	-1.64873	0.332116	1.33986	1.46877	1.98889	1.20366	1
cg08042322	NTSDC3	0.299461	0.803713	0.813254	-1.22963	0.2443399	2.74794	2.74794	0.297535	2.45083	2.45083	0.618972	1.51611	1.51611	0.0358553	0.131764	-7.58935	0.834544	1.1896	1.1896	0.722538	0.7443836	-1.34438	0.2535515	0.371632	-2.69084	0.349782	0.4498817	-2.22313	1.46876	16.0277	9.69989	1
cg14220181	TRPM8	0.299461	0.425123	1.4898	1.4898	0.1031632	3.43244	3.43244	0.1284432	2.23515	2.23515	0.2240128	1.8686	1.8686	0.537576	0.7367077	-1.35734	0.2239925	1.22093	1.22093	0.426507	1.48796	1.48796	0.925873	1.0466	1.0466	0.737854	1.1787	1.1787	1.46876	5.57255	3.37248	1
cg10306485	RASA3	0.299463	0.758139	1.06178	1.06178	0.9715095	0.933092	-1.00696	0.848436	0.963541	-1.03783	0.9142825	1.02112	1.02112	0.368547	1.19632	1.19632	0.475465	1.15124	1.15124	0.6017272	1.86322	1.86322	0.838158	0.894266	-1.11823	0.8313558	0.959455	-1.04226	1.46876	0.8762222	0.530288	1
cg00128642	OSR1	0.299464	0.852926	0.912169	-1.09629	0.3888319	0.645655	-1.54881	0.41902	0.664292	-1.50536	0.0864068	0.391278	-2.55723	0.203627	0.514439	-1.94386	0.0587216	0.347256	-2.87972	0.4945187	0.3295513	-3.03479	0.346362	0.6185556	-1.61667	0.8987803	0.9385007	-1.06507	1.46876	1.70385	3.4545	1
cg21948169	TET1	0.299464	0.250345	0.557875	-1.79252	0.4770327	0.703878	-1.4209	0.0456892	0.32853	-3.04386	0.0537067	0.344951	-2.89896	0.89655	0.938754	-1.06524	0.288267	0.585293	-1.70855	0.1233884	0.4444637	-2.24988	0.2650377	0.56875	-1.75824	0.2800361	0.5795514	-1.72558	1.46875	5.49118	3.32326	1
cg19582500	ZDHHC5	0.299465	0.0117045	0.628563	-1.59093	0.6591209	0.919673	-1.08754	0.4434403	0.891165	-1.12209	0.386134	0.8765226	-1.14152	0.167448	0.805	-1.24224	0.920857	0.985463	-1.01475	0.9614125	0.8715551	-1.14737	0.9574466	0.8607887	-1.14971	0.9351599	0.9988085	-1.01206	1.46875	0.5054481	0.305917	1
cg23208807	SLC5A11;SLC5A11	0.299468	0.77726	0.876781	-1.14059	0.827122	1.10673	1.10673	0.0596168	0.373209	-2.67946	0.655111	1.23177	1.23177	0.187601	0.5233961	1.91073	0.3103271	2.12868	2.12868	0.835783	1.10102	1.10102	0.317853	1.61399	1.61399	0.794812	0.8621442	-1.1599	1.46874	5.000551	3.206312	1
cg13709271	MARCH8;MARCH8;MARCH8	0.29947	0.299497	0.365171	-2.73844	0.0628337	0.140717	-7.10648	0.0390412	0.106676	-9.37421	0.631557	0.635937	-1.57248	0.218463	0.29733	-3.36259	0.759873	0.750349	-1.33271	0.643017	0.645788	-1.5485	0.403427	2.22785	2.22785	0.885516	0.873738	-1.14451	1.46874	20.4179	12.357	1
cg25430506	LYRM2;YIPF2;YIPF2;YIPF

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. 047 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	
cg10088145	ST14		0.2999943	0.684502	0.726325	-1.37679	0.890579	1.11376	1.11376	0.34037	0.46343	-2.15782	0.8609889	1.14705	1.14705	0.334875	0.45912	-2.17808	0.249875	0.190141	-2.56317	0.280541	0.415522	-2.40603	0.646266	0.698479	-1.43579	0.0313346	7.22031	7.22031	1.4673	14.2378	8.62524	1
cg17238009	C10orf11,C10orf11		0.299948	0.0866472	0.16758	-5.96731	0.1382533	0.2217207	-4.51045	0.8289961	1.2265	1.2265	0.2727297	0.340506	-2.9368	0.2633033	0.332658	-3.00609	0.0790417	0.158723	6.3003	0.322408	0.3810957	-2.62428	0.0796091	0.159394	-6.27375	0.3103343	0.371269	-2.63947	1.46728	20.7034	12.5422	1
cg21385666	SOX1;SOX1		0.29995	0.597575	1.61586	1.61586	0.3075551	2.58943	2.58943	0.9912331	1.00995	1.00995	0.700215	1.41694	1.41694	0.0508812	7.41517	7.41517	0.6682824	6.289	6.289	0.406547	2.14864	2.14864	0.655512	0.667332	-1.4985	0.0840783	5.59416	5.59416	1.46728	18.8557	11.4229	1
cg23177883	SGIP1		0.299952	0.494366	0.754964	-1.32457	0.2242264	0.336797	-2.96167	0.499118	0.757354	-1.32039	0.366229	1.445049	1.445049	0.635451	0.824113	-1.21343	0.176059	0.558386	-1.79087	0.536872	0.776231	-1.28828	0.545086	0.78029	-1.28157	0.407789	1.40915	1.40915	1.46727	3.813066	2.30999	1
cg10543784	BMP2K;BMP2K		0.299957	0.874483	0.944243	-1.05905	0.64238	1.184917	1.184917	0.476712	0.760055	-1.3603	0.5556562	0.455213	-2.19677	0.2639153	1.43345	1.43345	0.412097	1.35575	1.35575	0.38236	0.722435	-1.38421	0.109716	0.531095	-1.8829	0.464708	1.31003	1.31003	1.46726	3.06067	1.8542	1
cg00479459	SDHAF2;CPSF7;CPSF7;CPSF7		0.299957	0.0504036	0.43948	0.43948	0.7765	0.83691	-1.19487	0.656699	1.32291	1.32291	0.73272	0.806998	-1.23916	0.5838222	1.41376	1.41376	0.0790317	3.3756	3.3756	0.312444	0.535024	-1.86907	7.7	7	0.766064	0.829739	-1.2052	1.4678	8.08574	5.50874	1
cg17058676	CENPJ		0.299961	0.152841	0.706792	-1.41484	0.5144496	1.16163	1.16163	0.463358	1.18434	1.18434	0.824135	0.950804	-1.05174	0.0466111	0.596628	-1.67609	0.262948	0.767569	-1.30282	0.283989	1.28695	1.28695	0.914926	1.02452	1.02452	0.449908	0.839873	-1.19066	1.46724	1.19377	0.723211	1
cg06432915	LHB		0.299962	0.912506	-1.09588	0.172828	1.30817	1.30817	0.628811	1.09439	1.09439	0.185096	0.7708157	-1.29732	0.4310271	1.16045	1.16045	0.299396	1.12112	1.12112	0.102504	0.720726	-1.38749	0.77158	1.05487	1.05487	0.208939	1.27795	1.27795	1.46724	0.796789	0.482713	1
cg19145218	C20orf54		0.299966	0.407037	1.3881	1.3881	0.648448	1.1062	1.1062	1.1942	0.944538	0.973458	-1.02727	0.5527735	1.21083	1.21083	0.172638	1.85558	1.85558	0.0600858	2.27061	2.27061	0.172637	1.75276	1.75276	0.777354	1.11584	1.11584	1.46723	1.473895	1.21482	1.04462	1
cg24466100	CLIC4		0.299967	0.811115	0.929746	-1.07556	0.429576	1.27805	1.27805	0.370505	0.755941	-1.32285	0.41459	1.28883	1.28883	0.120585	0.55915	-1.66903	0.13681	1.62846	1.62846	0.494895	0.809877	-1.23476	0.263409	1.42579	1.42579	0.217529	0.673875	-1.48395	1.46723	2.15111	1.30321	1
cg07567767	ADAMTS16		0.299968	0.375691	1.24113	1.24113	0.6954224	1.16755	1.16755	0.968504	0.943993	1.019485	0.7917757	1.38558	1.38558	0.1384	1.2847	1.2847	0.827571	0.949488	-1.05321	0.383581	0.808815	-1.23638	0.943822	0.948557	-1.05431	0.33372	0.789066	1.46723	1.311934	0.794806	1
cg16653138	PRKCZ;PRKCZ;PRKCZ		0.299972	0.262021	1.66336	1.66336	0.284894	1.621337	1.621337	0.0502298	2.64101	2.64101	0.198968	1.995589	1.995589	0.834267	1.09544	1.09544	0.938591	0.967034	-1.03409	0.426733	0.700528	-1.42343	0.830007	0.910702	-1.09805	0.113262	2.11665	2.11665	1.46721	4.39842	2.66472	1
cg20095288	C19orf41		0.299975	0.215508	0.874845	-1.47309	0.8837314	0.55395	-1.80538	0.2610974	0.688092	-1.41248	0.700461	1.52622	1.52622	0.485733	0.809602	-1.2444	0.859848	0.949309	-1.05087	0.367044	1.33112	1.33112	0.429623	0.779687	-1.28257	0.0486197	0.498855	2.00421	1.4672	2.121889	1.34126	1
cg00400183	C19orf76;CPT1C;CPT1C		0.299979	0.345451	1.26866	1.26866	0.7032375	0.910537	-1.09825	0.4703442	1.19704	1.19704	0.0795091	1.61067	1.61067	0.3957	1.2374	1.2374	0.403758	1.23273	1.23273	0.969841	1.00005	1.00005	0.120784	1.50991	1.50991	0.0346057	1.82825	1.82825	1.46719	1.393161	0.844311	1
cg18864804	ATRNL1		0.299983	0.694687	0.914055	-1.09403	0.192379	0.73028	-1.36934	0.115793	0.607745	-1.47614	0.8784819	1.03537	1.03537	0.823543	0.950394	-1.0522	0.801406	0.944202	-1.0591	0.0717452	0.5389	1.58093	0.306856	0.785848	-1.27251	0.195356	0.731985	-1.36615	1.46718	1.20593	0.730611	1
cg25394301	MRPS16		0.299988	0.371085	1.760747	1.30421	0.9240603	0.973011	-1.02774	0.7474053	1.056598	1.056598	0.5626564	-1.77729	0.588911	0.853441	-1.19712	0.5015433	0.850119	1.05623	1.05623	0.924802	0.4617569	-2.16558	0.385065	0.722054	-1.38506	0.472668	-1.59434	1.46716	1.94336	1.17739	1
cg22617367	NKRF		0.299994	0.132816	0.204808	-4.88262	0.8670304	0.117803	0.117803	0.332414	0.37619	-2.65823	0.0635629	7.68689	7.68689	0.719728	0.721821	-1.38539	0.130147	0.202215	-4.94522	0.556502	1.78875	1.78875	0.741928	1.3814	1.3814	0.805611	0.78578	-1.27262	1.46714	22.2137	13.4584	1
cg22102996	UBE2F		0.299996	0.267753	0.622634	-1.60608	0.856364	1.07719	1.07719	0.107889	0.480096	-2.04459	0.7864416	0.900204	-1.11075	0.0284271	0.54594	-1.83068	0.34637	0.671678	-1.48881	0.773357	0.888147	-1.12581	0.358266	1.4736	1.4736	0.490976	0.750424	-1.33258	1.46714	3.93177	2.37121	1
cg24180721	DEC8;2		0.300003	0.9055539	1.1386	1.1386	0.0816103	0.16168	-6.18506	0.0882515	0.2881511	0.16934	-5.90527	0.1582515	0.2407135	0.1562598	0.5602564	-1.77729	0.580119	1.05623	1.05623	0.924802	0.4617569	-2.16558	0.385065	0.722054	-1.38506	0.472668	-1.59434	1.46716	1.94336	1.17739	1
cg17748167	ZCCHC17;ZCCHC17;SNRNP40		0.300006	0.68036	0.913326	-1.07374	0.341785	1.18321	1.18321	0.582818	1.09996	1.09996	0.511658	1.12111	1.12111	0.235002	0.807528	-1.23835	0.490956	0.88678	-1.12768	0.0499922	0.6812112	-1.46797	0.602868	1.09434	1.09434	0.184291	1.27363	1.27363	1.46711	0.685385	0.415259	1
cg09065135	OTUD7B		0.30001	0.991736	0.998448	-1.00155	0.9304714	1.001184	1.001184	0.167719	0.733241	1.05264	0.1552484	0.836939	0.836939	0.189828	0.9669193	-1.03399	0.0185679	1.29148	1.29148	0.0178452	0.1998	1.21598	0.742904	1.10919	1.03919	0.595055	1.08378	1.08378	1.4671	0.522583	0.316624	1
cg17384625	IKZF2;IKZF2		0.300012	0.642915	0.894439	-1.11808	0.1504419	1.44555	1.44555	0.109997	1.51658	1.51658	0.200586	1.38151	1.38151	0.75187	0.926976	1.07878	0.197533	1.72207	1.72207	1.38491	0.52997	0.858903	-1.16428	0.924056	1.02306	1.02306	0.186609	1.3975	1.3975	1.46709	1.32788	0.804546	1
cg12234922	HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;RBM10;NDUFB11;NDUFB11;RBM10;NDUFB11		0.300013	0.0602878	0.0993301	-10.0674	0.715122	1.48039	1.48039	0.693337	0.654291	-1.52837	0.984582	1.02088	1.02088	0.270224	0.290701	-3.43996	0.151577	0.18997	-5.26399	0.227745	3.91295	3.91295	0.539058	1.94717	1.94717	0.231722	0.25888	-3.86279	1.51074	26.7925	13.7936	1
cg00606642	C10orf54;C10orf54;SLCO5A1;SLCO5A1		0.300017	0.0213086	0.692638	-1.44376	0.453727	0.900678	-1.10659	0.565488	0.925799	-1.08015	0.375506	1.12829	1.12829	0.79045	0.10598	1.03598	0.38093	0.887573	-1.12667	0.174785	0.82569	-1.21111	0.561067	0.924968	-1.08112	0.717138	1.04947	1.04947	1.46708	0.409201	0.247931	1
cg20207029	FYD6;FYD6;FYD6;FYD6		0.300023	0.639664	1.09515	1.09515	0.330038	1.21379	1.21379	0.0611253	1.50194	1.50194	0.36359	1.39719	1.39719	0.0955117	1.41624	1.41624	0.112314	1.39548	1.39548	0.380071	0.840669	-1.18953	0.331832	1.21286	1.21286	0.259925	1.25422	1.25422	1.46706	0.863265	0.523051	1
cg11466485	SAMD4		0.300027	0.0617702	0.689459	-1.45048	0.1504	0.947742	0.947742	0.0215144	1.0383	1.0383	0.676075	0.929438	-1.07566	0.0511758	0.71003	1.0703	0.641576	1.08637	1.08637	0.0880878	1.40787	1.40787	0.78511	1.02	1.02	0.952861	1.04947	0.150668	0.725483	0.439573	1
cg06852395	EIF4A1;SNORA48		0.300028	0.0537871	0.421517	-2.37238	0.0747706	0.457022	-2.18808	0.307418	0.659132	-1.51715	0.815187	1.09666	1.09666	0.183721	0.573258	1.74443	0.614179	0.818286	-1.22207	0.283907	0.644555	-1.55147	0.970484	0.487475	-2.05139	0.270396	1.10988	1.10988	1.46704	1.61641	2.1912	1
cg24180653	ALOX5AP		0.300029	0.79623	0.92991	-1.07537	0.0429122	1.92377	1.92377	0.150764	1.541	1.541	0.191094	1.47508	1.47508	0.533843	0.837829	-1.19356	0.323572	1.3315	1.3315	0.345844	0.761381	-1.3134	0.96039	1.01404	1.01404	0.871351	0.955509	-1.04656	1.46704	1.83217	1.11012	1
cg10196372	TFAP4		0.300031	0.562578	1.08078	1.08078	0.4249271	1.57893	1.57893	0.122534	1.72325	1.72325	0.320842	1.18322	1.18322	0.410429	1.34168	1.34168	0.0729455	1.41909	1.41909	0.0126269	1.51626	1.51626	1.11401	1.11486	1.11486	0.848346	1.11916	1.11916	1.46703	0.625109	0.37876	1
cg20375342	FAM19A4;FAM19A4		0.300033	0.429048	0.758334	-1.33185	0.746665	1.12204	1.12204	0.122705	2.62044	2.62044	0.512281	2.026576	2.026576	0.260004	0.25044	-3.99205	0.905335	1.04314	1.04314	0.591166	0.824991	-1.21225	0.0998415	1.89674	1.89674	0.673998	1.16205	1.16205	1.46703	2.92766	1.7739	1
cg23769143	SYN2;TIMP4;SYN2		0.300036	0.525257	0.7995	-1.25085	0.6126236	0.838236	0.838236	0.0798414	0.5128209	0.512821	0.0780959	0.646476	0.646476	0.0844116	0.5078287	1.96894	0.274706	0.742154	1.34709	0.465793	0.5972	1.67441	0.0855128	1.55051	1.55051	0.0788128	1.78963	1.89163	1.89163	1.00792	1.46703	0.458865	0.242911	1
cg27427357	HIST1H4B		0.300038	0.699566	0.856048	-1.16816	0.0524468	0.42049	0.42049	0.513323	1.30436	1.30436	0.188649	1.74764	1.74764	0.746972	1.13855	1.13855	0.224676	1.66729	1.66729	0.130113	0.51927	-1.92578	0.442183	1.36902	1.36902	0.721562	1.15423	1.15423	1.46701	3.73276	2.26175	1
cg09134165	HIST1H2BM;NDUFB11		0.300041	0.0285232	0.446322	-22.4054	0.802925	0.740187	-1.35101	0.759594	1.4467	1.4467	0.237488	4.4322	4.4322	0.88014	0.833981	-1.19907	0.437036	0.385235	-2.59582	0.850383	0.802549	-1.24603	7	7	7	1.46726	26.172	20.3785	1
cg02290451	PQLC3		0.300041	0.989929	1.00866	1.00866	0.433083	1.73414	1.73414	0.478301	1.64116	1.64116	?	?	?	0.0372255	0.174271	-5.73817	0.704037	1.29845	1.29845	0.708624	1.29288	1.29288	0.20924	0.397863	-2.51343	0.557622	1.50197	1.50197	1.5695	9.82088	4.69299	1
cg16578828	DYRK4		0.300045	0.983881	1.01755	1.01755	0.4178	1.18305	1.18305	0.1963	1.12555	1.12555	0.590898	1.06989	1.06989	0.0204956	2.68402	-1.16756	0.385848	1.2225	1.2225	0.0895223	1.71764	1.71764	0.162028	1.83037	1.83037	0.0204956	2.68402	-1.16756	1.46699	0.804444	0.218221	1
cg18122696	SYT8		0.300052	0.761416	1.05588	1.05588	0.758068	0.946326	-1.05672	0.380282	0.851544	-1.17434	0.0242832	1.6152	1.6152	0.151257	1.01097	-1.01097	0.144781	1.32268	1.32268	0.315857	1.20343	1.20343	0.615725	0.913604	-1.09457	0.95413	0.989781	-1.01032	1.46697	0.740781	0.448865	1
cg27061485	CBFA2T3;CBFA2T3		0.300058	0.518922	1.32083	1.32083	0.017312	3.43348	3.43348	0.081445	2.27471	2.27471	0.805005	0.897854	-1.11377	0.441457	1.39657	1.39657	0.472951	1.36428	1.36428	0.523324	1.31686	1.31686	0.737738	1.15374	1.15374	0.863497	0.929359	-1.07601	1.46695	4.20724	2.54935	1
cg24337818	DYRK4		0.300058	0.804988	1.03466	1.03466	0.5123	1.10181	1.10181	0.313247	1.18251	1.18251	0.837557	1.10721	1.10721	0.496989	0.90475	-1.10534	0.383768	1.23157	1.23157	0.7	1.08253	1.08253	0.658952	1.15756	1.15756	0.0305435	2.284211	-1.51851	0.584257	0.779485	-1.2829	0.43037	1.43747	1.46695	0.472325	0.84	1
cg04065143	CNTN4;CNTN4		0.300059	0.362697	0.664923	-1.50393	0.82426	1.101688	1.101688	0.107442	0.464681	-2.15198	0.7288	1.16396	1.16396	0.0914282	0.859147	-1.16421	0.339319	0.682816	-1.46452	0.721564	1.16893	1.16893	0.700453	0.844831	-1.18367	0.257458	1.597203	-1.67447	1.46695	4.42063	2.67865	1
cg00754355	PPM1D		0.300059	0.717702	1.39377	1.39377	0.4599	1.43443	1.43443	0.16999	1.93075	1.93075	0.456278	1.47294	1.47294	0.911134	0.944009	-1.05933	0.679974	1.62857	1.62857	0.472822	0.688883	-1.45163	0.808412	1.132	1.132	0.764777	1.16551	1.16551	1.46695	1.14007	0.744253	1
cg08218877	UNK1		0.300063	0.343848	1.50288	1.50288	0.563758	1.27612	1.27612	0.98902	1.00577	1.00577	0.0941262	2.15745	2.15745	0.0556966	0.404227	-2.47386	0.284487	1.59121	1.59121	0.48052	1.34932	1.34932	0.443022	1.38647	1.38647	0.740462	0.870335	-1.14898	1.46694	4.05516	2.45722	1
cg00805217	FOP1;FOP1;POP1;POP1;POP1		0.300073	0.947455	1.01059	1.01059	0.854646	1.319133	1.319133	0.153553	1.46732	1.46732	0.549642	0.909973	-1.09903	0.0129009	1.22901	1.22901	0.523586	0.901831	-1.10885	0.615594	0.883154	-1.1323	0.376384	0.864915	-1.15636	0.193584	1.24934	1.24934	1.46691	0.559063	0.359717	1
cg19527946	PTTG1IP;PTTG1IP		0.300075	?	?	?	0.497767	1.36038	1.36038	0.445475	0.749164	1.336	0.0146128	1.530871	1.53762	1.53762	0.0703127	0.83847	-1.19247	0.918575	0.95408	1.04667	0.537888	1.37847	1.37847	1.49047	1.49047	0.0261915	1.35027	1.35027	1.46691	4.14215	2.3996	1
cg19857280	UGP2;UGP2		0.300076	?	?	?	0.175677	1.893444	1.893444	0.102046	5.60391	5.60391	?	?	?	0.116198	5.1347	5.1347	?	?	?	0.611409	1.59491	1.59491	?	?	?	0.9586	1.04816	1.04816	1.46691	1.04816	1.60404	0.187663	0.629344	1
cg18194821	RAB35;RAB18		0.300076	0.0243095	1.38567	1.38567	0.451073	1.19181	1.19181	0.0911	1.31288	1.31288	0.694136	1.053112	-1.04919	0.0513744	0.97091	-1.03009	0.313685	1.13498	1.13498	0.271946	0.876727	-1.14007	0.341062	1.12661	1.12661	0.384692	1.1285	1.1285	1.4669	0.343003	0.207848	1
cg12403778	ETV6		0.300078	0.427501	0.643113	-1.55445	0.293819	0.55271	-1.80927	0.123608	0.403277	-2.47969	0.185544	0.465616	-2.14769	0.2635636	0.196438	1.96438	0.631453	1.30104	1.30104	0.963483	0.321819	-3.10733	0.43143	0.645824	-1.54841	0.596142	0.747343	-1.33807	1.46689	6.88817	4.17401	1
cg05529236	EEF1G;EEF1G		0.300079	0.636166	0.881627	-1.13427	0.109142	0.630101	-1.58705	0.351904	1.28824	1.28824	0.871857	0.95822	-1.0436	0.258063	0.731974	-1.36617	0.717852	0.908525	-1.10069	0.104477	0.625509	-1.5987	0.0555841	0.563536	-1.77451	0.82597	1.05995	1.05995	1.46689	1.62387	0.984011	1
cg17758621	PTPRJ;PTPRJ;PTPRJ;PTPRJ;PTPRJ;PTPRJ;PTPRJ		0.300079	0.037609	0.673472	-1.48484	0.139735	0.707709	-1.29751	0.0895875	0.735842	-1.35809	0.757087	1.05217	1.05217	0.162457	0.783162	-1.27687	0.377728	0.86214	-1.1599	0.354189	0.855367	-1.16909	0.334495	0.849479	-1.17759	0.728013	0.944386	-1.05889	1.4689	0.624054	0.378158	1
cg02139591	ABCF1;ABCF1		0.300108	0.0768803	0.932021	-1.07283	0.0139347	1.16934	1.16934	0.0139	1.44394	1.44394	0.0139	1.44394	1.44394	0.013767	0.753531	-1.32719	0.153977	0.769135	-1.30019	0.0124358	0.804078	0.837957	-1.19338	0.855964	0.922127	-1.08468	0.644815	1.20141	1.20141	1.46688	1.21179	0.770667	1
cg11513088	RASSF8;RASSF8		0.300081	0.763064	0.89053	-1.12293	0.93478	0.969103	-1.03188	0.324053	1.4778	1.4778	0.327417	1.47355	1.47355	0.0347313	0.389103	-2.57001	0.1225	0.526366	-1.89982	0.41121	0.724533	-1.3802	0.991645	0.995993	-1.00402	0.6105612	0.821206	-1.21772	1.46688	3.41628	2.07017	1
cg08815286	CAND2;CAND2		0.300083	0.964552	0.985013	-1.01521	0.532665	1.23952	1.23952	0.742669	1.11845	1.11845	0.0776373	0.513569	-1.94716	0.297381	1.44348	1.44348	0.860722	1.05873	1.05873	0.221367	1.54768	1.54768	0.0859967	0.524861	-1.90527	0.523993	0.802295	-1.24642	1.46688	2.682	1.62522	1
cg07368061	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT		0.300102	0.675845	1.16862	1.16862	0.7741367	2.09047	2.09047	0.204052	1.64324	1.64324	0.0901656	1.99767	1.99767	0.596077	0.820192	-1.21923	0.909462	1.04305	1.04305	0.711227	0.871285	-1.14773	0.12172	1.86195	1.86195	0.186893	1.67931	1.67931	1.46682	3.18957	1.93287	1
cg21753973	CFL2;CFL2		0.300104	0.663866	1.12259	1.12259	0.5410019	1.29707	1.29707	0.240472	1.80246	1.80246	0.3764	1.75784	1.75784	0.420811	1.2599	1.2599	0.997316	1.00281	1.00281	0.990735	1.26225	1.26225	0.717248	1.28394	1.28394	0.477096	1.14304	1.14304	1.46684	0.976076	1.02082	1.02082	1.46682	1.0172	0.64893	1
cg09999582	MFSD9		0.300107	0.148567	0.551772	-1.81234	0.382252	0.709067	-1.4103	0.463688	1.3314	1.3314	0.847449	0.928756	-1.07671	0.20435	0.598089	-1.67199	0.512799	0.775129	-1.29011	0.0196991	0.339248	-2.9477	0.619444	0.823127	-1.21488	0.716	0.869172	-1.15052	1.4668	3.42123	2.07328	1
cg18602811	DYNC1LI1		0.300115	0.658966	1.08217	1.08217	0.4178274	1.08417	1.08417	0.0942675	0.922398	-1.08403	0.1029196	0.544187	1.44851	0.0974376	0.544187	1.83715	0.464437	1.09141	1.09141	0.583616	0.974435	-1.02614	0.943236	1.26	1.26	0.865674	1.04375	1.04375	1.46681	0.908574	1.04375	1.04375	1.46681	0.771511	1.29685	0.885308	0.543875	1
cg02766820	NAB2;NAB2		0.300122	0.633564	1.19505	1.19505	0.374475	0.713041	-1.40244	0.298905	1.49102	1.49102	0.133051	0.548108	-1.82446	0.760796	1.82894	1.82894	0.298924	1.11995	1.11995	0.0826643	0.490126	-2.04029	0.774948	0.899106	-1.11222	0.547768	1.25318	1.25318	0.165865	1.73023	1.73023	1.46676	3.19773	1.9379	1
cg16836224	CDH4		0.300123	0.525262	0.831731	-1.20231	0.183577	1.49753	1.49753	0.696316	1.11881	1.11881	0.97927	1.00746	1.00746	0.0204085	0.481044	-2.07881	0.228832	0.696353	-1.43605	0.423504	0.791386	1.26361	0.912949	0.976203	-1.02438	0.35353	0.760928	-1.31418	1.46676	1.90301	1.15327	1
cg14744114	TTYH1		0.300125	0.395195	1.26455	1.26455	0.6965119	2.0657	2.0657	0.0276576	0.40999	-2.43909	0.73239	1.2289	1.2289	0.401348	1.41675	1.41675	0.0572557	0.71251	1.40351	0.0282226	0.2242425	-4.4588	0.705562	0.73723	1.35706	0.0282226	0.2242425	-4.4588	1.46677	1.37941	1.37941	1.46676	0.47947	0.29799	1
cg11697812	UBE2K;UBE2K;UBE2K		0.300137	0.696177	0.733788	-1.36279	0.83285	1.1813	1.1813	0.532929	1.64666	1.64666	0.215666	0.355144	-2.81576	0.865839	0.875208	-1.14259	0.212976	2.83502	2.83502	0.368626	2.07674	2.07674	0.503391	1.70992	1.70992	0.0406985	0.148802	-6.72033	1.51033	14.5472	7.49137	1
cg16632260	PPM1K		0.300138	0.854588	1.04253	1.04253	0.6721893	0.926951	-1.5799	0.2414105	1.1457	1.1457	0.907255	1.02681	1.02681	0.0248315	1.184	1.184	0.753606	0.91103	1.09768	0.0403013	0.60401	0.60401	0.0248315	1.184	1.184	0.0248315	1.184	1.184	1.46671	1.51708	1.20286	1.20286	1.46671	1.51708	0.725661	1
cg19693015	CHMP6;CHMP6		0.300139	0.279092	1.63333	1.63333	0.859487	0.925655	-1.08032	0.133308	0.493606	-2.02591	0.51951	1.32932	1.32932	0.950907	0.97784	-1.02266	0.572862	0.780051	-1.28197	0.149395	1.96199	1.96199	0.188734	1.8351	1.8351	0.108275	1.14655	1.14655	1.46671	1.41533	2.67589	1
cg14851468	CSorf60		0.300145	0.771903	1.12583	1.12583	0.254595	0.615535	-1.6246	0.309255	0.651119	-1.53582	0.960816	0.980167	-1.02023	0.182508	0.561656	-1.78045	0.0694584	0.436912

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5T vs. N)	Fold-Change(5T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg09252214	ZNF574	0.300442	0.953476	1.03735	0.133755	0.870737	0.920707	-1.10778	0.744098	0.810933	-1.2286	0.728006	0.134539	1.24539	0.011555	0.137141	-1.29176		0.457478	0.621528	-1.60894	0.89179	0.93947	-1.08758	0.962144	0.970809	-1.03028	0.176531	0.405336	-2.46709	1.46582	9.17122	5.56153	1
cg01792430	CLIP4	0.300432	0.848526	0.930642	-1.07453	0.761832	1.12105	1.021605	0.863764	0.457038	-2.188	0.316475	0.677524	-1.47596	0.544276	0.793971	-1.25949		0.578946	0.81	-1.23457	0.260136	0.155512	1.55552	0.086753	0.203631	2.03631	0.893184	1.0518	1.0518	1.46582	3.28064	1.98942	1
cg18947276	STON1-GTF2A1L	0.300435	0.438347	0.666846	-1.4996	0.0218284	0.243965	-4.09894	0.13773	0.440729	-2.26897	0.38787	1.57406	1.57406	0.441626	0.668855	-1.49509		0.793645	0.874262	-1.14382	0.44288	0.6696623	-1.49338	0.962038	1.0247	1.0247	0.3083002	0.582445	-1.7169	1.46581	6.09975	3.69898	1
cg26059919	SFXN	0.300437	0.931544	1.03083	0.13083	0.0167628	2.806	2.806	0.0860997	1.95035	1.95035	0.737238	1.32638	1.32638	0.126318	1.32426	1.43303	1.43303	0.515597	1.26238	1.26238	0.3708815	1.38374	1.38374	0.900013	1.04543	0.003172	0.957898	-1.04395	1.4658	2.89976	1.75947	1
cg20203365	EHD3	0.300439	0.0742401	0.399354	-2.50404	0.565573	0.76489	-1.30738	0.288284	0.601953	-1.66126	0.169217	1.96566	1.96566	0.328976	0.628192	-1.59187		0.265653	0.585157	-1.70789	0.216795	0.548979	-1.82156	0.930197	0.960378	-1.04126	0.147094	0.487738	-2.05028	1.4658	4.94326	2.99769	1
cg21797937	POP7	0.300441	0.39104	0.882559	-1.13307	0.625538	0.932474	-1.07242	0.876324	0.978104	-1.02239	0.288932	0.855344	-1.69139	0.429451	1.12349	1.12349		0.889558	0.980443	-1.01995	0.0287813	0.693109	-1.44277	0.441112	0.804343	-1.11814	0.199112	1.22173	1.22173	1.46579	0.469107	0.284478	1
cg11924368	PFDN1	0.300443	0.393465	0.856294	-1.16782	0.518356	0.890285	-1.12324	0.343182	0.840872	-1.18924	0.0394624	0.655229	-1.52618	0.542794	0.89643	-1.11554		0.0433779	0.6621	-1.51035	0.605186	1.09697	1.09697	0.860469	0.969256	-1.03172	0.250831	0.808194	-1.23733	1.46578	0.731255	0.443451	1
cg19548719	LOC100009676;ZBTB11	0.300448	0.581982	1.26978	1.26978	0.719845	0.863149	1.1855	0.763002	1.13527	1.13527	0.724372	1.56494	1.56494	0.606055	1.25148	1.25148		0.250869	0.596096	1.67754	0.313201	0.583118	-1.71492	0.0212858	0.030125	-3.28997	0.0730119	0.0274115	-4.48343	1.46577	4.31663	2.61774	1
cg14447606	CYP26B1	0.300448	0.553246	0.441633	-2.26432	0.360408	0.516104	3.60104	0.351494	0.69829	-1.62809	0.420009	0.32541	-1.07304	0.0290057	0.0300337	-33.2959		0.797955	1.41843	1.41843	0.791593	1.43457	1.43457	0.837728	0.756213	-1.32338	0.237693	0.309437	5.39497	1.46577	4.38308	26.1395	1
cg16145139	NONO;NONO;;BCYRN1;NONO;NONO	0.300449	0.141398	0.321552	-3.10992	0.501458	0.612946	-1.63147	0.486991	0.602489	-1.65978	0.0388086	0.56462	1.56462	0.904606	0.91758	-1.08982		0.159184	0.339785	-2.94304	0.813971	0.8444413	-1.18425	0.909896	0.92199	-1.08461	0.902279	0.915646	-1.09213	1.46577	11.9480	7.24621	1
cg16134569	LPP;LPP;;LPP	0.300452	0.228415	0.673193	-1.48503	0.234403	0.477238	-2.23574	0.188185	0.274973	-2.23574	0.188185	0.274973	-1.38031	0.331095	1.38959	1.38959	0.0603969	0.467707	1.21808	1.21808	0.4208144	0.744135	1.34384	0.602651	1.1994	1.2074	0.5388575	0.799814	2.25029	1.46576	2.988244	1.81278	1
cg02571503	CNST;CNST	0.300456	0.459938	0.856241	-1.1679	0.499687	0.15182	1.15182	0.430066	1.18076	1.18076	0.902159	1.02594	1.02594	0.0545365	0.637664	-1.56822		0.235035	0.773556	-1.29272	0.382449	0.813294	-1.20294	0.406371	0.831268	-1.19151	0.0791669	0.668937	-1.68491	1.46574	0.987876	0.59909	1
cg22972519	TRPV3	0.300458	0.840228	0.93935	-1.07145	0.0576874	0.480285	1.14121	0.453887	0.770562	-1.26782	0.421055	0.324128	1.32428	0.611531	0.847803	-1.17952		0.903571	0.959431	-1.04228	0.0756216	0.91363	1.09383	0.334404	0.4052	1.4052	0.849347	1.06714	1.06714	1.46574	2.71049	1.64376	1
cg07051257	ZFP36	0.300471	0.61615	1.10685	1.10685	0.294683	1.24525	1.24525	0.0956827	1.44605	1.44605	0.84709	1.09698	1.09698	0.399479	1.18966	1.18966		0.155856	0.735073	-1.36041	0.896361	1.02649	1.02649	0.0764632	1.49479	1.49479	0.552018	1.0864	0.886111	-1.12853	1.50924	0.941646	0.485272	1
cg04951476	FAM50B	0.300474	0.320479	0.462004	-2.16449	0.0259189	0.136821	-2.30883	0.0496778	0.185574	-3.38869	0.854999	0.875219	-1.24257	0.598958	0.670861	-1.49062		0.320181	0.461769	-2.16558	0.823566	0.845371	-1.18291	0.887799	0.589944	-1.69508	0.821464	1.18533	1.18533	1.46569	13.1352	7.96605	1
cg15174428	SYNJ1;SYNJ3	0.300475	0.5378	1.21977	1.21977	0.0233512	2.33133	2.33133	0.406177	1.31076	1.31076	0.882211	0.992315	1.07013	0.543815	1.28688	1.28688		0.586318	0.898502	-1.11304	0.417482	1.1312	1.1312	0.160687	1.17707	1.17707	0.163667	0.622918	-1.60535	0.705085	0.905541	-1.10431	0.46569	2.35192	1.42757	1
cg24200960	SPRED2	0.300477	0.435635	0.616033	-1.62329	0.444819	1.60712	1.60712	0.319565	0.534453	-1.87107	0.0998753	0.333445	-2.999	0.404987	0.595051	-1.68053		0.231411	0.214806	2.14806	0.66722	0.76838	-1.30144	0.578516	1.40751	1.40751	0.0787173	0.304427	-3.28486	1.46568	8.612	5.22291	1
cg05883978	SEMA5A	0.300478	0.484238	0.755249	-1.32353	0.353765	0.687303	-1.45496	0.0295762	0.565328	-2.72737	0.879536	0.942315	-1.06142	0.959104	0.980348	-1.02036		0.987129	1.00636	1.00636	0.982011	1.24494	1.24494	0.143719	0.539335	-1.85414	0.0986651	0.49081	-2.03745	1.46568	3.58569	2.17461	1
cg10237854	MUC4;MUC4;MUC4	0.300478	0.991632	1.00944	1.00944	0.0731101	0.590133	1.99033	0.194278	3.42092	3.42092	0.644971	0.629353	1.50845	0.168938	0.262496	1.80958		0.917321	0.907494	-1.10194	0.992912	1.00796	1.00796	0.125544	1.22654	-4.41422	0.761244	0.761136	-1.31384	1.46568	18.6204	11.2927	1
cg16628135	BAIAP3	0.300484	0.487339	1.21346	1.21346	0.100681	1.6372	1.6372	0.913794	0.970746	-1.03014	0.71782	1.10462	1.10462	0.29805	0.743966	-1.34415		0.496619	0.827583	-1.20834	0.043329	1.89115	1.89115	0.302558	1.3402	1.3402	0.463139	1.22723	1.22723	1.46566	1.74499	1.0583	1
cg20441675	SCL25A5;SLC17A5	0.300485	0.636706	1.07917	-1.10935	0.131227	0.45148	1.30068	0.637876	1.13874	1.13874	0.824108	0.904831	-1.10562	0.179014	0.676204	-1.47865		0.407634	0.792886	-1.26151	0.182388	0.556313	-1.79782	0.180992	0.13894	1.13894	0.260765	1.37901	1.37901	1.46566	1.74257	1.05683	1
cg19969674	CPA2	0.300495	0.403779	1.68084	1.68084	0.183721	2.63729	2.63729	0.0417241	4.16557	4.16557	0.314625	2.58127	2.58127	0.176982	0.803278	-1.2449		0.183968	2.35545	2.35545	0.780007	0.843498	-1.18554	0.18246	2.36327	2.36327	0.50738	1.50503	1.50503	1.46563	8.57614	5.20135	1
cg18809121	NAB1	0.300496	0.918779	1.02299	1.02299	0.0566621	0.654831	1.12171	0.0417241	0.808744	1.10773	0.875706	0.992581	1.00737	0.0470223	0.603535	-1.65777		0.965343	0.990963	1.00973	0.624405	0.653094	1.53106	0.0493	0.0493	1.31723	0.13597	1.24747	1.24747	1.46562	1.15396	0.600662	1
cg17717700	KIAA0922;KIAA0922	0.300498	0.821635	0.823487	-1.21435	0.63556	0.662234	-1.51004	0.705498	0.720952	-1.38705	0.796745	1.24865	1.24865	0.0727407	0.156787	0.37808		0.583657	1.61379	1.61379	0.287496	2.64502	2.64502	0.259728	2.82573	2.82573	0.103323	1.58475	1.58475	1.65583	17.7652	5.96048	1
cg09130402	TANK1;TANK1	0.300501	0.570598	0.897475	-1.11424	0.919383	0.981076	-1.01912	0.928896	0.995963	-1.00405	0.622661	0.775831	-1.28894	0.204171	1.28773	1.28773		0.501586	1.13737	1.13737	0.350643	0.655685	-1.52242	0.153556	0.749488	-1.33424	0.448517	0.864364	-1.15692	1.46561	0.826685	0.501382	1
cg04801767	SH3B2	0.300505	0.974235	1.01436	1.01436	0.0625685	0.753079	-1.72914	0.213096	0.575793	-1.73681	0.156996	0.152622	-1.95076	0.0444584	0.229356	4.35985		0.886884	1.43995	2.30417	0.151201	0.595539	-1.91596	0.424472	0.697607	-1.43147	0.0735567	0.414484	-2.41264	1.46561	4.324	2.74379	1
cg07563944	CBFA2T3	0.300505	0.453671	0.803672	-1.24429	0.651852	1.13889	1.13889	0.082663	0.576749	-1.73386	0.204467	0.681526	-1.4673	0.732874	1.10307	1.10307		0.12843	1.60087	1.60087	0.515871	0.828084	-1.20761	0.448432	1.24758	1.24758	0.253621	0.710179	-1.40688	1.4656	1.90315	1.15427	1
cg07440071	PPP2R3C;PPP2R2C	0.300506	0.797072	0.874453	-1.14388	0.0477729	0.3634	1.3634	0.0496202	0.503323	1.93933	0.914034	0.544122	1.54412	0.592097	1.3186	1.3186		0.288572	1.7322	1.7322	0.104668	0.660216	1.66022	0.0788091	0.872244	-1.14647	0.845656	0.60969	1.64408	1.46558	0.60969	1.64408	1
cg05154234	HDAC7;HDAC7	0.300512	0.0192773	2.2871	2.28771	0.337233	1.33542	1.33542	0.187488	1.5044	1.5044	0.30102	1.36793	1.36793	0.0647551	1.19637	1.19637		0.908582	1.03415	1.03415	0.846283	0.814028	1.25478	0.875763	0.99529	-1.0468	0.432865	0.791367	1.26364	1.46555	1.98389	1.20327	1
cg19777991	FHOD3	0.300522	0.836032	0.933871	-1.07081	0.159682	0.608948	-1.64218	0.692586	0.877066	-1.14016	0.707585	0.883029	-1.13247	0.0409114	0.454878	-2.17923		0.198629	0.638615	-1.56589	0.148386	1.66825	1.66825	0.95278	0.986554	-1.01363	0.918435	0.96675	-1.03439	1.46554	2.52954	1.53423	1
cg18226818	DHX33	0.300524	0.211102	0.492634	-2.03096	0.124548	0.274548	-3.64197	0.0496479	0.180649	-5.54501	0.434487	0.778496	-1.28505	0.0454079	0.0577	-17.3333		0.786574	0.860745	-1.16178	0.468897	0.46156	-2.16596	0.0757384	0.11813	-8.46686	0.0410639	0.26324	-3.79886	1.46552	6.00969	3.64408	1
cg07863244	ZNF620;ZNF620	0.300525	0.377125	1.17651	1.17651	0.908554	0.979602	-1.02082	0.866473	1.03064	1.03064	0.357971	0.844043	-1.18477	0.371994	0.848402	-1.17869		0.731623	0.940119	-1.0637	0.0216242	0.573487	-1.74372	0.839123	0.964197	-1.03713	0.832521	0.962373	-1.03871	1.46554	0.746705	0.452898	1
cg26794364	MTMR14;MTMR14;KPNP1;KPNP1;KPNP1;KPNP1;KPNP1;KPNP1	0.30053	?	?	?	0.557023	1.17119	1.17119	0.0962832	1.62559	1.62559	0.273915	1.35378	1.35378	0.574213	1.16304	1.16304		0.0586996	1.76497	1.76497	0.314424	1.31888	1.31888	0.292576	1.33711	1.33711	0.0677628	1.72352	1.72352	1.46603	1.46089	0.996496	1
cg01055926	PNPEP1	0.300531	0.0290204	1.21975	1.21975	0.248695	0.911128	-1.09754	0.992604	0.999285	-1.00072	0.958167	1.00406	1.00406	0.810318	0.981906	-1.01843		0.120459	1.13884	1.13884	0.90784	0.991115	-1.00896	0.693928	1.03705	1.03705	0.569424	0.95659	-1.04538	1.46552	0.138289	0.0838773	1
cg04724659	C1orf96	0.300536	0.890608	0.933709	-1.071	0.595169	1.30644	1.30644	0.102113	0.409929	-2.43945	0.491303	1.41684	1.41684	0.040822	0.30826	-3.24402		0.413062	1.51756	1.51756	0.444235	1.47516	1.47516	0.789527	1.14265	1.14265	0.636058	1.2682	1.2682	1.4655	5.76634	3.49753	1
cg01196531	ONECUT1	0.300537	0.303327	1.72889	1.72889	0.100246	0.586186	1.70594	0.077981	1.76763	1.76763	0.283264	0.790441	-1.26501	0.184896	1.12865	1.12865		0.947353	1.04751	1.04751	-1.01926	0.884896	1.03096	0.692031	1.00399	1.00399	0.98549	1.00485	1.00485	1.23848	1			
cg04510871	RTN1;RTN1	0.300546	0.399431	0.863004	-1.15874	0.3442	1.18106	1.18106	0.139803	1.31175	1.31175	0.183036	0.785598	-1.27292	0.824653	1.03863	1.03863		0.348651	1.17915	1.17915	0.931805	0.985488	-1.01473	0.0558438	1.44776	1.44776	0.839334	1.03528	1.03528	1.46547	0.670706	0.410683	1
cg00350607	DYNLT1	0.300549	0.864145	0.978837	-1.02162	0.461639	1.09813	1.09813	0.0158535	1.4464	1.4464	0.535741	0.92466	-1.08148	0.543573	0.926081	-1.07982		0.358145	0.888671	-1.12528	0.81358	1.02995	1.02995	0.795299	0.968047	-1.03301	0.641699	1.06028	1.06028	1.46546	0.3621	0.219635	1
cg01445383	TCF7;TCF7;;MRPL18	0.300551	?	?	?	?	1.24847	1.24847	0.0247473	1.4453	1.4453	0.0134097	1.51240	1.51240	0.0134097	1.11337	1.11337		0.231604	1.16725	1.16725	0.0134097	1.51240	1.51240	0.0134097	1.11337	1.11337	0.0134097	1.51240	1.51240	1.46545	1.46545	0.0134097	1.51240	1
cg17285393	ZNRD1;NCRNA00171;ZNRD1	0.300553	0.800513	0.948602	-1.0544	0.607086	1.09477	1.09477	0.28358	1.2625	1.2625	0.116509	1.42882	1.42882	0.0727204	1.52029	1.52029		0.457866	1.17137	1.17137	0.185421	0.745414	-1.34154	0.513525	0.870546	-1.1487	0.584004	0.890748	-1.12265	1.46545	1.01605	0.616302	1
cg04801767	SH3B2	0.300555	0.284023	1.27487	1.27487	0.0733774	0.131753	1.31753	0.0202474	1.65385	1.65385	0.0254758	1.47568	1.47568	0.0810154	1.65385	1.65385		0.886884	1.43995	2.30417	0.151201	0.595539	-1.91596	0.424472	0.697607	-1.43147	0.0735567	0.414484	-2.41264	1.46561	4.324	2.74379	1
cg20202078	TMEM209	0.300555	0.979385	1.00823	1.00823	0.156732	0.61852	-1.61676	0.130739	0.559553	-1.67799	0.892459	0.958005	-1.04384	0.594288	1.18591	1.18591		0.998597	0.999442	-1.00056	0.030906	0.447628	-2.234	0.405703	0.763521	-1.30972	0.531149	1.22288	1.22288	1.46544	2.33487	1.41625	1
cg26489194	CAS2;LCAS2	0.300557	0.94938	1.02979	1.02979	0.21557	0.689218	-1.45092	0.0496202	0.503323	1.93933	0.914034	0.544122	1.54412	0.592097	1.3186	1.3186		0.288572	1.7322	1.7322	0.104668	0.660216	1.66022	0.0788091	0.872244	-1.14647	0.845656	0.60969	1.64408	1.46544	0.60969	1.64408	1
cg20654074	DLG4	0.300557	0.963702	0.02787	1.02787	0.0980074	0.93948	2.99345	0.0389142	2.48352	2.48352	0.837179	0.883112	-1.13236	0.654335	0.761664	-1.31292		0.676748	0.726256	-1.28823	0.222094	0.60621	-1.65001	0.0758	0.0758	0.0758	0.0758	0.0758	0.0758	1.46544	8.46946	5.13731	1
cg07712493	CDO1	0.300561	0.455919	0.90174	-1.10897	0.859805	1.02435	1.02435	0.0481271	1.36023	1.36023	0.406875	0.890863	-1.12251	0.422187	0.894338	-1.11815		0.744257	0.956394	-1.04559	0.255804	0.850803	-1.17536	0.201512	0.832174	-1.20167	0.352489	1.13919	1.13919	1.46543	0.430571	0.261173	1
cg07022635	FUS;FUS;FUS;FUS	0.300563	0.458636	0.870965	-1.14859	0.511315	1.57	1.58357	0.484475	1.13932	1.13932	0.0885794	1.39069	1.39069	0.221264	1.31847	1.31847		0.138531	1.33031	1.33031	0.0993006	1.08813	1.08813	0.976384	1.00531	1.00531	0.163769	1.3047	1.3047	1.46542	0.943497	0.450987	1
cg09283154	SLC35F1	0.300565	0.503565	1.09361	-1.04361	0.408218	1.0999	1.0999	0.432549	1.09434	1.09434	0.714494	1.04222	1.04222	0.367816	0.901114	-1.10974		0.0494136	1.76933	-1.28711	0.707037	1.04341	1.04341	0.95629	1.00619	1.00619	0.088983	1.23508	1.23508	1.46541	0.294045	0.178362	1
cg16758894	LMF1	0.300566	0.59243	0.844444	-1.14258	0.13523	1.49181	1.49181	0.260319	0.874302	-1.33865	0.255508	0.743611	-1.34479	0.636755	1.12541	1.12541		0.741163	0.970635	-1.08545	0.717385	1.43311	1.43311	0.605719	0.648484	-1.55115	0.779815	0.932748	-1.0721	1.46541	1.54322	0.884671	1
cg17658284	GDAP1;GDAP1	0.300572	0.34949	-1.12399	-1.12399	0.3908	0.879796	-1.13663	0.1937417	0.886895	-1.12753	0.743793	1.04061	1.04061	0.0595904	0.772569	-1.29438		0.420314	0.904909	-1.10508	0.92272	0.988293	-1.01185	0.595797	0.937091	-1.06713	0.116247	0.912407	1.23019	1.23019	1.46539	0.341858	0.207367	1
cg03469082	GABRG1	0.300575	0.281714	0.565495	-1.76836	0.489255	1.43038	1.43038	0.20062	1.99133	1.99133	0.0688444	2.68172	2.68172	0.0298231	1.32018	1.32018		0.0766162	2.72801	2.72801	0.85114	0.910068	-1.09761	0.623136	0.776947	-1.28709	0.279195	1.77408	1.77408	1.46538	6.02593	3.65528	1
cg19387228	ACOD1;ACOD1	0.300577	0.764364	1.04191	1.04191	0.0958065	0.31663	1.20363	0.42066	1.16669	1.16669	0.0969	1.16504	1.16504	0.0962584	1.15616	1.15616		0.0739309	1.2686	1.2686	0.0960141	1.04151	1.04151	0.889722	1.02635	1.02635	0.0962584	1.2701	1.2701	1.46538	0.276177	0.253384	1
cg24594830	ZAP70;ZAP70	0.300579	0.225901	0.781672	-1.27931	0.884033	1.02867	1.02867	0.404573	0.847733	-1.17962	0.299292	1.23167	1.23167	0.324875	0.821257	-1.21764		0.725464	0.933989	-1.07068	0.0226036	0.589295	-1.69694	0.886964	0.972827	-1.02793	0.646308	1.03963	1.03963	1.46537	0.870735	0.528185	1
cg14749011	C1orf76;DBI;DBI;DBI	0.300581	0.757534	0.935612	-1.06882	0.740205	1.07898	1.07898	0.393129	1.1897	1.1897	0.944514	1.03187	1.03187	0.895347	0.974295	-1.02638		0.480487	0.807706	-1.15246	0.0115361	0.540343	-1.84942	0.760962	0.949238	-1.06018	0.365529	1.20197	1.20197	1.46537	0.908606	0.551158	1
cg22000660	PRDM16;PRDM16	0.300585	0.448305	0.622204	-1.60719	0.153431	0.391188	-2.55632	0.1399	0.37709	-2.65188	0.665731	1.30585	1.30585	0.200551	0.440385	2.27074		0.982585	0.01349	0.01349	0.990292	0.993025	-2.30901	0.237375	2.13841	2.13841	0.300347	1.93283	1.93283	1.46537	8.75006	5.30777	1
cg24484737	TEDDM1	0.300583	0.899681	1.03179	1.03179	0.824245	1.05675	1.05675	0.014762	0.474904	-2.10569	0.76687	1.07658	1.07658	0.506341	0.845915	-1.18215		0.308637	1.29888	1.29888	0.668472	1.11284	1.11284	0.921741	0.975908	-1.02469	0.587317	1.14568	1.14568	1.46536	1.49254	0.867094	1
cg18689486	TNFAIP8	0.300585	0.877572	-1.15953	-1.15953	0.13048	0.882434	-1.13213	0.0496202	0.503323	1.93933	0.914034	0.544122	1.54412	0.592097	1.3186	1.3186		0.716573	0.91938	-1.08797	0.414691	0.90362	1.10654	0.438487	0.76962	1.29948	0.0134923	0.711727	1.40509	0.75	0.75	0.75	0.75	0.75	1.46536	1.46536	1.46536

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(5377 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	S(Test)	SS(Error)	f(Error
ug05070971	PRDM15;PRDM15	0.300934	0.436734	1.18723	0.742073	0.930782	-1.07437	0.321855	1.2478	1.2478	0.2118608	1.32913	1.32913	0.462138	1.17577	-1.17577	0.332335	0.805465	-1.24152	0.133317	1.41948	1.41948	0.0352512	1.69972	1.69972	0.634793	1.10905	1.4643	1.08519	0.658752	1
ug04932755	EFNB1	0.300935	0.167274	0.211192	-4.73503	0.196774	0.237013	-4.21918	0.161811	0.206311	-4.84705	0.282131	3.24102	3.24102	0.128989	0.176124	-5.67783	?	?	?	0.463219	0.457009	-2.18814	0.36166	0.3735	-2.67737	0.547109	1.89348	1.85973	0.52763	22.7268	13.191	1
ug04932575	C14orf162	0.300935	0.312055	0.513857	-1.94607	0.457021	0.617401	-1.61969	0.689867	0.77463	-1.29094	0.325353	0.523837	-1.90899	0.176426	0.400526	-2.49672	0.578929	0.699843	-1.42889	0.0249898	0.183036	-5.46341	0.222755	0.442328	-2.26077	0.0699008	0.275171	-3.6341	1.46429	9.40038	5.70561	1
ug05854317	CDK2AP1	0.300938	0.213044	0.804781	-1.24257	0.690171	1.068861	1.068861	0.34044	1.17669	1.17669	0.723086	0.94278	-1.06069	0.883734	1.024051	1.024053	0.135524	0.766102	-1.30515	0.681373	0.933912	-1.07076	0.615037	1.0876	1.0876	0.0345546	0.664856	-1.50409	1.46429	0.636086	0.386134	1
ug05735557	ARMC5;ARMC5	0.300944	0.247717	0.776033	-1.2886	0.789892	1.05763	1.05763	0.234422	1.2989	1.2989	0.101208	0.686214	-1.45727	0.190703	0.747726	-1.33739	0.248816	0.776531	-1.28778	0.170109	0.73597	-1.35875	0.905545	1.02522	1.02522	0.47164	1.16605	1.16605	0.46427	1.0209	0.61974	1
ug22797514	PTPRT;PTPRF	0.300951	0.428887	1.63017	1.63017	0.401396	1.681561	1.681561	0.158456	0.958306	0.968859	-1.03214	0.934056	0.951156	-1.05135	0.228944	2.14686	2.14686	0.153264	2.52285	2.52285	0.0266445	0.90192	0.9956542	3.02704	3.02704	0.415736	1.65427	1.65427	0.46291	0.417891	5.15498	1
ug25565730	ESR1	0.300955	0.111761	3.07956	3.07956	0.375313	1.80607	1.80607	0.834859	1.14519	1.14519	0.238268	2.23047	2.23047	0.11321	0.326453	-3.06323	0.216881	0.430066	-2.32522	0.314442	0.508859	-1.96518	0.964446	0.971467	-1.02937	0.988449	1.00945	1.00945	0.46423	0.978058	5.93747	1
ug14417233	POLE3;Clorf43;POLE3	0.300957	0.813562	0.902014	-1.10863	0.930938	0.962752	-1.03869	0.373099	0.67353	-1.48471	0.49414	0.732679	-1.36485	0.8752	0.933703	-1.071	0.572579	0.779412	-1.28302	0.0467518	0.824268	-2.75932	0.449184	1.40255	1.40255	0.0836912	2.3366	2.3366	1.50765	0.45151	2.29648	1
ug14475859	GFI1B;GFI1B	0.300996	0.236789	0.469298	-2.13084	0.6496621	0.282286	-3.5425	0.0502572	0.256104	-3.90466	0.530078	0.878271	-1.47434	0.374138	0.573951	-1.74505	0.295035	0.515411	-1.9402	0.220973	0.455991	-2.19303	0.981078	1.05468	1.05468	0.487775	1.53762	1.53762	1.44622	0.63817	5.24401	1
ug22043788	TBCD	0.300961	0.365321	1.45282	1.45282	0.221843	3.01913	3.01913	0.742886	0.876183	-1.14131	0.934408	0.967488	-1.0336	0.774975	1.12198	1.12198	0.963822	1.01838	1.01838	0.061556	2.32944	2.32944	0.53669	1.28559	1.28559	0.865246	1.07058	1.07058	1.46422	3.73925	2.27	1
ug15150274	FUT10	0.300973	0.290734	1.88803	-1.12653	0.707952	1.643441	1.643441	0.187798	0.656464	1.10968	1.10968	1.041	1.041	0.218826	0.709327	1.41005	1.41005	0.653254	0.936219	-1.06818	0.516095	1.94773	1.94773	0.68518	1.08205	1.08205	0.612269	1.01994	1.01994	0.464419	0.868082	0.527002	1
ug18588052	SLC16A10	0.300973	0.620918	1.09018	1.09018	0.0927019	1.37774	1.37774	0.39377	1.16335	1.16335	0.52857	1.11693	1.11693	0.391796	1.17205	1.17205	0.829884	1.03797	1.03797	0.153242	1.35571	1.35571	0.136438	1.32036	1.32036	0.164218	0.695688	0.422345	1
ug10045864	HDAC4	0.300977	0.857462	0.972388	-1.02952	0.6374711	0.407534	0.93758	0.663879	1.33724	0.972117	1.02041	1.02041	0.585371	0.727263	-1.37402	0.882504	0.960547	-1.03013	0.599523	1.35838	1.35838	0.910051	1.06751	1.06751	0.3693958	0.586869	1.70396	1.46417	0.79496	4.70965	1
ug11743671	NPHP4	0.300998	0.140238	0.288215	-3.46963	0.553258	0.703056	-1.42236	0.467165	0.57495	-1.73928	0.674682	0.565533	-1.76824	0.03814444	0.519363	-6.58054	0.844466	0.857277	-1.16648	0.300521	0.630914	-2.32605	0.220693	0.364426	-2.74404	0.229341	2.70992	2.70992	1.46416	14.2537	6.6534	1
ug03228408	PIP5K1C	0.300984	0.784488	1.08916	1.08916	0.0399889	2.09507	2.09507	0.480378	1.25045	1.25045	0.996448	1.00199	1.00199	0.0758252	0.546146	-1.83159	0.181552	1.55567	1.55567	0.542176	1.21195	1.21195	0.576306	1.1923	1.1923	0.370631	0.750939	-1.33167	1.46415	2.25093	1.36655	1
ug05738625	EI24;EI24	0.300991	0.481155	1.09027	1.09027	0.363975	1.893911	-1.11868	0.0703441	1.27604	1.27604	0.2762994	1.862272	1.862272	0.95796	-1.02116	0.868735	1.27875	0.980734	1.09709	-1.00292	0.288108	0.875393	-1.14234	0.524063	0.929032	-1.08104	0.885778	0.982801	-1.0175	0.44013	1.77396	0.20508	1
ug01629129	NOP56;MIR1292;NOP56;NOP56	0.300993	0.0885855	1.62255	1.62255	0.68045	0.875359	-1.14239	0.352685	1.2794	1.2794	0.456543	0.82254	-1.21575	0.618599	0.878707	-1.13804	0.257203	0.737383	-1.35615	0.154416	1.48103	1.48103	0.710092	0.908281	-1.10098	0.20984	0.71142	-1.40564	0.46412	1.53915	0.934443	1
ug02102103	CNTN5;CNTLN	0.300994	0.551264	0.918663	-1.08854	0.552823	0.91898	-1.08816	0.379383	0.880825	-1.1353	0.8585251	1.40136	1.40136	0.54497	0.923398	-1.08531	0.80253	1.03589	1.03589	0.367333	0.849926	-1.17657	0.177965	0.817566	-1.22314	0.397587	0.885249	-1.12963	0.46412	0.45916	0.278763	1
ug03879537	C12orf34	0.300995	0.149727	0.693233	-1.44205	0.233753	-4.27802	0.0692975	0.2358887	-3.97966	0.9725212	1.03586	1.03586	0.967316	1.44064	0.77107	0.83959	-1.19106	0.2165444	0.47558	-2.10268	0.385492	0.514496	-1.94403	0.8416533	1.12736	1.46411	1.32705	0.5555	1.94263	1
ug03041055	RGS18	0.301002	0.430186	0.652002	-1.53374	0.596616	1.32806	1.32806	0.681495	0.803163	-1.24508	0.460634	0.671003	-1.49031	0.0473905	0.299736	-3.33627	0.589928	0.748421	-1.33615	0.0595969	0.323277	-3.09332	0.657856	0.789192	-1.26712	0.0893034	0.369665	-2.70515	1.46409	6.54204	3.97184	1
ug10427040	FAM108B;FAM108B	0.301005	0.829869	0.903095	-1.1073	0.82707	0.914621	-1.09335	0.6533022	0.8825	-1.13305	0.7581258	1.25112	1.25112	0.89239	0.937898	-1.06574	0.938054	0.607276	-1.6467	0.404702	0.667743	-1.49758	0.102881	0.429454	-2.32854	0.432659	1.46126	1.46408	1.46408	5.202777	3.15876	1
ug17431888	LAMC2;LAMC2	0.301007	0.045192	0.444101	-2.25174	0.329744	1.4266	1.4266	0.588665	0.823725	-2.214	0.586077	0.823469	-1.21437	0.257194	0.65855	-1.51849	0.219547	0.633775	-1.57785	0.071852	0.491704	-2.03375	0.791704	0.910739	-1.09801	0.885191	0.94871	-1.05406	1.46408	2.89344	1.7567	1
ug22734058	LRRF1	0.301017	0.818739	0.884122	-1.13089	0.823603	0.934681	1.070658	0.8812333	1.06888	1.06888	0.2332353	0.814755	0.907573	1.2845	1.2845	0.778355	0.877688	0.836505	1.19503	0.0194329	0.126481	-7.90635	0.0814888	0.136202	1.36202	0.0458389	0.571594	-1.74949	1.46405	1.31733	0.78808	1
ug15836225	UNC84A;UNC84A	0.301023	0.394464	1.29651	1.29651	0.11483	1.66618	1.66618	0.64977	0.872751	-1.1458	0.0947034	0.578786	-1.72776	0.927159	0.973144	1.0276	0.899623	0.963125	-1.03829	0.236814	1.44632	1.44632	0.608615	0.857473	-1.16622	0.17768	0.652798	-1.53187	1.46403	2.05536	1.24792	1
ug23828763	TACC2;TACC2	0.301025	0.0234852	0.3381479	-26.2138	0.279978	3.87899	3.87899	0.42552	0.3744387	-2.67032	0.632949	0.550787	-1.81559	?	?	?	0.839406	0.782772	-1.27751	0.530137	2.15463	2.15463	0.687125	0.426492	-2.34471	0.607858	0.535419	-1.8677	1.46449	3.03059	20.5094	1
ug08002996	SOCS2;SOCS2	0.301028	0.107049	0.233201	-4.29107	0.165611	0.891602	-1.11868	0.0703441	1.27604	1.27604	0.2762994	1.862272	1.862272	0.95796	-1.02116	0.868735	1.27875	0.980734	1.09709	-1.00292	0.288108	0.875393	-1.54334	0.819002	1.05928	1.05928	0.460945	0.843645	-1.18533	1.46401	1.8866	0.723214	1
ug21508927	CISD2;UBE2D3;UBE2D3	0.30103	0.0858009	5.08421	5.08421	0.769098	0.780895	-1.28058	0.822857	1.20818	1.20818	0.225676	0.339269	-2.94751	0.579013	1.60528	1.60528	0.214057	0.32895	-3.03997	0.183137	3.32658	3.32658	0.253469	2.75206	2.75206	0.534717	0.587917	-1.70092	1.50741	16.6169	8.57382	1
ug28331542	TMEM11;TMEM11;TMEM11	0.30104	0.160262	2.47699	2.47699	0.377884	2.37323	2.37323	0.252048	2.04248	2.04248	0.997668	1.00099	1.00099	0.0107232	3.43407	-2.94315	0.305082	1.89092	1.89092	0.511766	2.54332	2.54332	0.995505	1.00341	1.00341	0.49368	0.474168	0.54462	1.46402	0.40916	0.278763	1
ug26572388	MAD212;MAD2L2	0.301042	0.19921	0.645816	-1.54843	0.710973	0.886945	-1.12747	0.70378	1.13104	1.13104	0.181728	0.633223	-1.57922	0.374371	0.745349	-1.34165	0.468875	0.788558	-1.26812	0.141601	1.66438	1.66438	0.181111	1.58037	1.58037	0.103733	1.40742	1.40742	1.46397	0.240898	1.46268	1
ug07521902	PODNL1;PODNL1;PODNL1 FOXP2;FOXP2;FOXP2;FOXP2;FOXP2;FOXP2;FOXP2	0.301047	0.681217	1.03551	1.03551	0.368957	0.925018	-1.08106	0.0735037	0.84489	-1.18359	0.587414	0.954779	-1.04736	0.825953	0.98157	-1.01878	0.0764549	0.846815	-1.1809	0.57562	0.95335	-1.04893	0.0739028	0.845131	-1.18325	0.140147	0.874531	-1.14347	1.46396	0.165429	0.100446	1
ug02211646	P2	0.30105	0.597671	0.818583	-1.22162	0.14093	0.513754	-1.94646	0.594532	1.22315	1.22315	0.237436	1.59233	1.59233	0.0423581	2.03945	0.607514	-1.64605	0.137256	0.547922	-1.82508	0.159262	0.568132	-1.76016	0.355874	0.699807	-1.42897	0.722768	1.14326	1.14326	1.46395	3.27557	1.98888	1
ug14663984	AGRN	0.301054	0.931347	0.994415	-1.00559	0.95085	0.756709	-1.321	0.570934	1.24253	1.24253	1.42622	0.2210343	1.45616	0.145616	0.312166	0.6125569	0.160878	0.0982061	1.76561	0.0176451	0.0135408	7.38708	0.9068	-1.10278	0.504326	1.02176	1.23376	1.46392	1.23376	0.713938	2.80855	1
ug27062341	AGPAT6	0.301063	0.962158	1.01788	1.01788	0.192221	0.597092	-1.67478	0.125749	1.85703	1.85703	0.465168	1.32009	1.32009	0.322226	0.682474	1.46526	0.894127	0.951472	-1.051	0.0549135	0.443409	-2.25525	0.831083	1.08308	1.08308	0.481505	0.76545	-1.30642	1.46391	1.23601	1.96492	1
ug19876640	MYOM1;MYOM1	0.301065	0.0331659	0.311122	-3.21417	0.676049	1.21779	1.21779	0.320758	0.618163	-1.6177	0.701676	1.19089	1.19089	0.26114	0.577258	-1.73233	0.217129	0.3883	1.8381	0.090673	0.199434	-5.0055	0.807907	1.12098	1.12098	0.311134	0.611816	-1.63448	1.4639	5.09679	3.0948	1
ug19388636	CTPS2;CTPS2;CTPS2	0.301072	0.135879	1.28809	1.28809	0.159403	0.539408	1.926233	0.0746097	1.88881	1.88881	0.0746097	1.88881	1.88881	0.0746097	1.88881	1.88881	0.0746097	1.88881	1.88881	0.0746097	1.88881	1.88881	0.0746097	1.88881	1.88881	0.0746097	1.88881	1.88881	0.0746097	1.88881	1.88881	0.0746097	1.88881	1
ch.15.122171515	SIN3A;SIN3A;SIN3A	0.301073	0.173807	0.424525	-2.35557	0.106018	0.35005	-2.85673	0.128796	0.377434	-2.64947	?	?	?	?	?	?	0.305483	0.86943	-1.86943	0.280939	0.516253	-1.93704	0.947053	0.961798	-1.03972	0.592895	0.728362	-1.37294	1.5064	6.2482	4.14776	1
ug09933355	KCNK7	0.301075	0.0734949	0.312301	-3.20178	0.432552	0.9301	1.2409	0.362603	0.602934	-1.98833	0.674758	0.7733707	-1.36294	0.06115528	0.2126557	-4.70241	0.853054	0.749369	-1.33425	0.0743622	0.292782	-4.29587	0.94862	1.04842	1.04842	0.248255	0.412479	-2.42456	1.4637	1.84883	0.57827	1
ug13000082	AOX1	0.301078	0.502677	0.851794	-1.17399	0.968481	0.990784	-1.0093	0.456015	0.836084	-1.19605	0.588169	1.1376	1.1376	0.92468	1.02255	1.02255	0.035902	0.562381	-1.77815	0.0837283	0.637278	1.57041	0.308222	1.28236	1.28236	0.986406	1.00403	1.00403	1.46386	1.28918	0.782819	1
ug08346232	NTSDC3	0.301079	0.709801	0.684169	-1.46163	0.233257	3.55752	3.55752	0.0507533	0.58358	0.58358	0.888692	1.15167	1.15167	0.475506	0.478652	-2.0893	0.602809	1.70417	1.70417	0.801121	1.29213	1.29213	0.56441	1.80685	1.80685	0.0434591	10.5685	10.5685	1.46386	23.9037	14.5149	1
ug16680551	C17orf80;CCDC137	0.301084	0.3039607	1.23291	1.23291	0.163763	0.788504	-1.26808	0.0779579	0.7945652	-1.25837	0.2926482	1.80096	1.80096	0.0779579	0.3926887	-2.54626	0.154739	0.3144115	-3.18111	0.0455166	0.152478	-6.55617	0.0779579	0.1374539	-7.27613	0.0455166	0.152478	-6.55617	0.0779579	0.1374539	-7.27613	0.0455166	0.152478	-6.55617	1.46386

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg19000402	MAD1L1;MAD1L1;MAD1L1	0.301412	0.12648	1.98236	0.19826	0.33811	1.50494	1.50494	0.47777	1.34725	0.8187798	1.08797	1.08797	1.74798	1.45802	1.45802	0.2228376	1.68764	1.68764	0.366951	1.46763	1.46763	0.4120217	0.70666	-1.41531	0.08183636	0.450176	-2.22135	0.46285
cg04952627	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;EPB49;EPB41;EPB42	0.301413	0.376467	0.628066	-1.59219	0.337102	0.602201	-1.66058	0.464078	1.46504	1.46504	0.708982	0.825201	-1.21183	0.190741	0.491643	-2.034	0.32039	0.59087	-1.69242	0.0285903	0.266171	-3.75699	0.115266	0.415816	-2.40491	0.788429	0.871242	-1.14779	1.46285	0.68442	3.69714	1
cg14837598	9	0.301422	0.709579	0.867879	-1.15223	0.510279	0.674019	-1.28785	0.574206	1.23991	1.23991	0.193711	0.68354	1.68354	0.345641	0.692186	-1.4447	0.521792	0.781972	-1.27882	0.0328632	0.388517	-2.57389	0.269901	0.647154	-1.54523	0.621424	1.2075	1.2075	1.46282	3.32406	2.01988	1
cg11918743	UNC5A	0.301424	0.560087	0.795607	-1.2569	0.0526837	2.35069	2.35069	0.215735	1.65766	1.65766	0.824537	0.91744	-1.08999	0.37765	0.703793	-1.42087	0.756417	1.12833	1.12833	0.486705	0.757181	-1.32069	0.381045	0.70564	-1.41715	0.183047	0.577972	-1.73019	0.46282	3.48859	2.11986	1
cg19772317	FKBP3;FANCM;FANCM	0.301424	0.569207	0.795748	-1.25668	0.90733	1.04733	1.04733	0.193822	1.72631	1.72631	0.969235	1.01543	1.01543	0.629432	0.8244006	-1.21299	0.0431692	0.396986	-2.51898	0.4442222	0.73362	-1.3631	0.930385	0.965895	-1.03531	0.077466	0.458666	-2.18023	0.46282	3.65399	2.22037	1
cg07444435	TMEM62;TMEM62	0.301429	0.452693	0.754412	-1.14363	0.442927	0.762111	-1.31215	0.153223	0.854077	-1.30877	0.383887	0.85502	-1.16956	0.894909	0.977092	-1.02346	0.327963	0.837666	-1.19379	0.0189843	0.607409	-1.64635	0.555487	0.895761	-1.11637	0.195359	0.78643	-1.27157	0.4628	0.712662	0.43124	1
cg08041364	JAG2;JAG2;JAG2;JAG2	0.30143	0.0985309	0.697505	-1.43368	0.234771	0.780639	-1.281	0.992076	0.998027	-1.00198	0.89958	0.975208	1.02542	0.279218	0.995151	-1.00522	0.62749	1.10212	1.10212	0.170798	1.33644	1.33644	0.25891	1.26393	0.2797	1.25036	1.25036	1.4628	0.91604	0.556644	1
cg15446391	WT1;WT1;WT1;WT1	0.301431	0.19378	2.10631	2.10631	0.635352	0.771966	-1.29539	0.503322	1.44482	1.44482	0.5185	0.701427	-1.42566	0.218251	0.495762	-2.0171	0.185763	0.467593	-2.13861	0.3113951	0.568799	-1.75809	0.0926522	2.72521	2.72521	0.831207	0.890787	-1.1226	1.4628	6.80858	4.13247	1
cg07059978	CNPY1	0.301436	0.0763322	1.29464	1.29464	0.162243	0.783104	1.2697	0.236857	1.26476	1.22464	0.1206	0.950037	0.483624	1.2025	0.950037	-1.05263	0.1995665	0.325834	-3.06985	0.0222421	0.168663	3.229	0.467057	0.539347	-1.85206	0.134656	0.261283	3.7982	1.46278	15.8597	9.163749	1
cg05823605	IGFBP7;IGFBP1	0.30144	0.0578506	15.9803	15.9803	0.554994	2.16326	2.16326	0.723525	0.631907	-1.58251	0.950469	0.9506324	0.9506324	0.6549831	-1.53886	0.7006105	0.613942	-1.62948	0.786498	0.7046632	-1.41918	0.934765	1.11159	1.11159	0.261888	0.425338	4.53538	1.46277	38.6909	23.5115	1
cg07781736	BMP7	0.301441	0.199808	2.2867	2.2867	0.122146	2.7143	2.7143	0.332626	0.552194	1.8305	0.971843	1.0212	1.0212	0.370912	1.72642	1.72642	0.242978	2.06711	2.06711	0.368941	0.537859	-1.73053	0.17895	2.33637	2.33637	0.329629	0.549953	-1.81834	0.4627	8.18326	4.97265	1
cg01762827	HAS3;HAS3;HAS3	0.301444	0.221701	1.63911	1.63911	0.102455	0.533259	-1.87526	0.434728	1.35883	1.35883	0.159742	1.78241	1.78241	0.505958	0.771325	-1.29647	0.490334	1.30939	1.30939	0.152726	0.55476	-1.80258	0.588693	0.529	-1.89025	0.130495	0.261283	3.7982	1.46278	15.8597	9.163749	1
cg20733739	MAD1L1;MAD1L1;MAD1L1	0.301449	0.231555	0.812711	-1.23045	0.349461	1.16474	1.16474	0.10114	1.31745	1.31745	0.413198	1.14163	1.14163	0.1772	0.79685	-1.25494	0.693837	1.60465	1.60465	0.342607	0.16744	1.16744	0.230857	1.22019	1.22019	0.305634	1.18288	1.18288	0.4624	0.580769	0.352925	1
cg12070069	PHACTR1	0.301455	0.568991	1.14859	-1.35599	0.418271	0.645597	-1.54895	0.60252	0.751971	-1.33042	0.322234	1.71769	1.71769	0.0356637	0.109674	-3.03513	0.4911112	1.05813	1.05813	0.737623	0.639442	-1.61436	0.715994	0.824234	-1.21325	0.618005	0.762211	-1.31197	1.46272	6.88273	4.2437	1
cg22856539	SYF2;SYF2	0.301457	?	?	?	?	?	?	0.0320454	5.41736	5.41736	0.870291	0.898325	-1.11318	0.343755	1.90169	1.90169	?	?	?	0.916706	1.07104	1.07104	0.536573	0.662765	-1.50883	0.615636	1.39445	1.39445	1.50349	6.68835	5.18997	1
cg25436849	ZNF420	0.301462	0.357263	1.0476	1.0476	0.237128	1.20416	1.20416	0.496623	1.16764	1.10964	0.108664	0.268755	1.1886	1.1886	0.209086	1.2197	1.2197	1.2197	0.0894549	0.755121	-1.32429	0.149577	0.793153	-1.26092	0.654092	0.972764	-1.028	0.71553	1.05644	1.05644	1.4627	0.53125	0.316765	1
cg04583704	CRYL1	0.301471	0.325256	0.800525	-1.24918	0.428108	0.837611	-1.19387	0.198555	0.827528	-1.20882	0.644237	0.902657	-1.10784	0.792582	0.943911	-1.05942	0.547809	1.1425	1.1425	0.0994252	1.48523	1.48523	0.251723	1.21318	0.2045776	1.55677	1.55677	1.4627	1.11136	0.675391	1
cg07414392	TJP2	0.301473	0.388562	0.675937	-1.47943	0.348929	0.652216	-1.53323	0.13538	0.490004	-2.0408	0.43174	0.700725	-1.42709	0.0790738	0.421403	-2.37303	0.328777	0.639715	-1.5632	0.112887	2.14858	2.14858	0.911049	1.05078	1.05078	0.548416	0.764029	-1.30885	1.46267	4.55055	2.76544	1
cg05123474	C14orf28	0.301474	0.156668	0.60712	-1.64751	0.0923126	0.588047	-1.69795	0.257195	0.672329	-1.48737	0.710195	1.13353	1.13353	0.852226	1.06461	-1.24885	0.773135	0.960767	-1.03997	0.244439	1.50647	1.50647	0.180964	1.19318	1.19318	0.222957	0.650547	-1.53717	1.46267	2.61116	1.58685	1
cg26032489	DEM1	0.301479	0.764644	0.954444	-1.04773	0.558229	0.912153	-1.09631	0.164786	1.25878	1.25878	0.193548	0.807636	-1.23818	0.985841	0.997248	-1.00276	0.920635	1.0516	1.0156	0.0898665	0.755097	-1.32433	0.164203	0.795162	-1.2576	0.0144125	0.765951	-1.30557	1.46265	0.558648	0.339504	1
cg04308229	EPB41L5	0.301482	0.666831	0.849107	1.17748	0.072011	0.844934	1.18313	0.864887	1.08505	-1.01429	0.737597	1.08162	1.08162	0.831298	1.08184	-1.01185	0.311146	1.10413	1.10413	0.0838951	0.928589	-1.0769	0.0824204	0.882069	-1.1337	0.179024	1.13047	1.13047	1.4624	0.99052	0.518393	1
cg01493758	LOC338799;SETD1B	0.30149	0.830054	0.959138	-1.0426	0.738706	1.06714	1.06714	0.737689	0.93684	-1.06742	0.551024	0.88951	-1.12421	0.84771	1.03802	1.03802	0.201095	1.29962	1.29962	0.659582	0.917557	-1.08985	0.483669	1.14816	1.14816	0.0155608	1.77863	1.77863	1.46262	0.872716	0.530382	1
cg11273493	XK96	0.30149	0.243935	0.717189	-1.39433	0.297196	1.34271	1.34271	0.166045	1.26585	1.26585	0.128834	1.28834	1.28834	0.17938	1.47533	1.47533	0.907049	1.01133	1.01133	0.941333	0.367668	1.28701	1.28701	0.0537566	1.81697	1.81697	0.892244	0.963717	-1.03765	0.350889	0.769664	-1.29927	1.46262	1.72228	1.0467	1
cg15107340	SNRNP27;SNRNP27	0.301493	0.361751	0.797072	-1.25459	0.35599	0.418271	0.645597	-1.54895	0.60252	0.751971	-1.33042	0.322234	1.71769	1.71769	0.0356637	0.109674	-3.03513	0.4911112	1.05813	1.05813	0.737623	0.639442	-1.61436	0.715994	0.824234	-1.21325	0.618005	0.762211	-1.31197	1.46272	6.88273	4.2437	1
cg00861875	RBM23;RBM23;RBM23	0.301495	0.0310051	0.480326	-2.08192	0.132576	0.625018	-1.59995	0.955522	0.983978	-1.01628	0.802565	0.930021	-1.07524	?	?	?	0.486689	1.22711	1.22711	0.616351	0.863912	-1.15753	0.736614	0.906871	-1.10269	0.401475	1.28232	1.28232	1.46304	1.72721	1.18056	1
cg10716515	TUBB	0.301531	0.150483	0.707142	-1.67464	0.0307554	0.5923	1.15921	0.793842	1.00183	-1.10703	0.614442	0.92042	1.6952	0.0753313	1.78856	1.78856	0.55189	1.12302	1.12302	0.508504	0.819682	-1.21998	0.75533	0.907197	1.09797	0.894298	0.975854	-1.02474	0.46259	2.03569	1.23719	1
cg07212541	ALDH1A3	0.30155	0.131283	0.231926	-4.33172	0.271322	0.358017	-2.79316	0.741054	0.74271	-1.34642	0.441552	0.494661	-2.02159	0.063836	0.154341	-6.47917	0.261468	3.4981	2.85869	0.0490603	0.133284	-7.50279	0.169551	0.269145	-3.71546	0.203316	0.299855	3.31494	1.46259	18.6361	11.3261	1
cg21898299	CDK22B PDE9A;PDE9A;PDE9A;

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1ta14415116	DDX26B;DDX26B	0.3018413	0.0930476	0.081915	-12.2078	0.379471	0.294969	-3.39018	0.396324	0.3084448	-3.24203	0.222516	0.65074	5.65074	0.761541	0.662234	1.51004	0.125524	0.105918	-3.44125	0.254327	5.01178	5.01178	0.45762	2.78502	2.78502	0.89742	0.839744	1.19084	1.46155	42.445	25.8142	1
qh21877907	NTM	0.301849	0.824167	1.035	0.888038	0.978804	-1.02165	0.534109	1.10224	1.10224	0.724275	0.946722	-1.05628	0.078738	1.35224	1.35224	0.356581	0.833908	1.03299	1.03299	0.626921	1.49043	1.49043	0.356581	1.15787	1.15787	0.480629	0.895093	-1.1172	1.46154	0.553149	0.336419	1
qh07226470	GMPR	0.301849	0.849069	0.97328	-1.02745	0.259346	0.845964	-1.18208	0.244827	0.8411482	-1.1888	0.880757	1.02157	1.02157	0.623421	1.07289	1.07289	0.683683	1.06038	1.06038	0.0295651	1.43935	1.43935	0.375462	0.878703	-1.13804	0.519874	1.09717	1.09717	0.46154	0.46778	0.284499	1
qh14408622	FGFR4;FGFR4;FGFR4;FGFR4	0.3018358	0.0632871	3.07368	3.077368	0.625732	1.30247	1.302474	0.445973	1.5184	1.5184	0.218722	1.40642	2.00462	0.104265	2.59808	2.59808	0.644321	1.52242	1.52242	0.455613	0.664626	-1.50461	0.140865	2.3432	2.3432	0.523121	0.706158	-1.41611	0.146151	6.09009	4.0689	1
qh16033299	UBE2S	0.301861	0.939343	1.0847	1.008347	0.785259	1.03074	1.030474	0.0724932	0.8008014	-1.24875	0.793663	0.971362	-1.02948	0.451234	0.918435	-1.08881	0.151277	1.18584	1.18584	0.47615	1.08362	1.08362	0.192365	1.16527	1.16527	0.195565	1.16385	1.16385	1.4615	0.284407	0.172977	1
qh13381110	PHLPP1	0.3018603	0.366003	0.47199	-2.11869	0.0479565	0.160776	-6.25985	0.122547	0.7258546	-1.86778	0.426055	0.518385	-1.92907	0.131971	0.268653	0.722728	0.341224	0.452568	-2.20961	0.122787	0.258807	-3.86388	0.0895504	0.220213	-4.54105	0.551384	0.614353	-1.62773	0.146149	15.1263	9.19988	1
qh16485565	EGFR;EGFR;EGFR;EGFR	0.301875	0.134989	0.560115	-1.78535	0.422992	0.74499	-1.3423	0.267999	0.6603166	-1.51443	0.362365	0.714076	-1.40041	0.215173	0.625439	-1.59888	0.0366562	0.417553	-2.39491	0.911644	1.04074	1.04074	0.557336	1.23797	1.23797	0.162394	0.58478	-1.71004	0.146146	2.99489	1.82156	1
qh23786209	ABLIM1;ABLIM1;ABLIM1;ABLIM1	0.301882	0.0734273	0.145734	-6.86088	0.0923502	0.349469	-2.86149	0.685597	1.409059	1.40099	0.358541	0.402158	-2.48559	0.261533	0.323138	-3.09465	0.385185	0.423594	-2.3609	0.0660298	0.12959	-7.73665	0.101181	0.179001	-5.58372	0.230575	0.297163	-3.85615	0.146144	21.546	13.1049	1
qh10675814	LRP12;LRP12	0.3018885	0.0553893	0.267663	-3.73604	0.0813123	0.887856	-1.12631	0.339759	0.74917	-1.34761	0.858146	0.587418	-1.70236	?	0.146157	1.41137	0.544336	1.41137	1.41137	0.167704	0.445538	-2.24448	0.490982	-1.48252	1.48252	0.777479	1.17129	1.17129	1.64785	0.60748	0.5061	1
qh25280418	ATP11A;ATP11A	0.301888	0.5115518	0.824824	-1.21238	0.978352	0.992183	-1.00788	0.243064	1.42379	1.42379	0.574246	0.848585	-1.17843	0.303261	1.36127	1.36127	0.738619	0.907683	-1.10171	0.0195825	2.26109	2.26109	0.800736	0.929462	-1.07589	0.507868	1.21446	1.21446	1.46142	1.9361	1.17773	1
qh22534346	TPST1	0.301894	0.182808	0.449103	-2.22566	0.0956156	0.580642	-1.72877	0.417614	0.626242	-1.59836	0.620382	0.753758	-1.32682	0.0772	1.34998	1.34998	0.534857	0.705585	-1.41738	0.188324	0.371555	-2.69429	0.370544	0.727256	-1.37503	0.0858189	0.138157	-7.23855	0.146147	7.49312	4.51264	1
qh16406584	SEC24A;SEC24A	0.301894	0.756799	0.9385	-1.06548	0.486945	1.1134	1.1134	0.0845553	1.33829	1.33829	0.46701	1.11934	1.11934	0.0541372	0.717195	-1.39432	0.346167	0.862826	-1.15898	0.906052	1.01812	1.01812	0.451358	1.12379	1.12379	0.84677	1.02986	1.02986	1.4614	0.535332	0.325613	1
qh22843797	TNFRSF10A	0.301895	0.2129268	1.86861	1.868564	0.576197	1.31427	1.31427	0.391395	0.8464049	-1.18147	0.866031	0.921537	-1.08514	0.41397	1.49812	1.49812	0.153494	2.7949	2.7949	0.0314115	3.32974	3.32974	0.319209	1.8688	1.8688	0.496557	0.715996	-1.39666	1.4614	5.4206	3.29705	1
qh25731185	SLC19A3	0.301895	1.443861	1.38922	1.38922	0.10988	1.44029	1.440229	0.868312	1.0354	1.0354	0.0994452	1.50317	1.503317	0.129368	1.40924	1.40924	0.550577	1.13477	1.13477	0.938096	1.1178	1.1178	0.321495	0.807006	-1.23915	0.285202	1.26161	1.26161	1.4614	1.01441	0.617012	1
qh20129073	TNXB	0.3019	0.517557	1.20222	1.20222	0.847023	1.05571	1.05571	0.526687	0.8352214	-1.1973	0.142005	0.642003	-1.55762	0.136768	0.637652	-1.56825	0.130233	0.632046	-1.58216	0.0501637	0.534274	0.53274	-1.87707	0.483753	0.824672	-1.2126	0.845965	1.05612	1.05612	1.46138	1.823884	1.10936	1
qh20632261	AGRN	0.301903	0.988416	0.996333	-1.00368	0.0206585	0.925546	2.025061	0.158407	1.4496	1.4496	0.639351	1.12687	1.126872	0.233463	1.70982	1.70982	0.786193	1.07123	1.07123	0.983067	1.00539	1.00539	0.672205	1.11176	1.11176	0.96643	0.989406	-1.01071	1.46137	1.42826	0.901653	1
qh02224369	CD59;CD59;CD59;CD59	0.301909	0.698944	0.927022	-1.07872	0.102565	0.705876	-1.41668	0.102543	1.45172	1.41672	0.67808	1.08479	1.08479	0.207455	0.771671	-1.29589	0.83374	0.959843	-1.04184	0.930045	0.983025	-1.01727	0.977495	0.994515	-1.00552	0.135255	1.36881	1.36881	1.46135	0.879962	0.535249	1
qh17429631	PAR2	0.30191	0.513468	0.870105	-1.14929	0.185878	1.34246	1.34246	0.9448	1.01464	1.01464	0.767441	0.939632	-1.06451	0.301532	0.686298	-1.45709	0.0365332	0.620359	-1.6057	0.0503224	0.911029	1.09766	0.942356	1.01533	1.01533	0.442205	0.848295	-1.17884	1.46135	1.02036	0.620646	1
qh08988609	RPH3AL	0.301911	0.28176	1.15324	1.15324	0.0482203	1.33342	1.33342	0.464642	1.09066	1.09066	0.0828131	1.27241	1.27241	0.515587	0.986577	-1.01361	0.165238	1.20764	1.20764	0.776697	1.03691	1.03691	0.709453	0.953447	-1.04883	0.14003	1.2243	1.2243	1.46135	0.376005	0.228711	1
qh20666807	TNXB	0.301912	0.305214	0.65523	-1.52618	0.33946	0.675676	-1.48	0.220046	0.5984111	-1.67109	0.682265	0.848826	-1.1781	0.0374493	0.382325	-2.61557	0.278927	0.638735	-1.5656	0.155862	0.5463	-1.8305	0.0621297	0.43333	-2.30771	0.226104	0.602823	-1.65886	0.46135	3.66976	2.23219	1
qh02760007	SRF	0.301913	0.234131	1.26967	1.26967	0.473993	1.15059	1.15059	0.758227	1.06088	1.06088	0.152641	1.34078	1.34078	0.0381757	1.58397	1.58397	0.0491557	1.15707	1.15707	0.538002	1.13718	1.13718	0.394853	1.00456	1.00456	0.981219	1.00452	1.00452	1.46134	0.848121	0.515885	1
qh17142383	TMEM80;DEAF1;TMEM80	0.301913	0.4194977	1.21684	1.216842	0.926512	1.02219	1.022219	0.428193	0.8240983	-1.21215	0.978073	0.993482	-1.00656	0.120459	1.49291	1.49291	0.243749	1.33667	1.33667	0.0354588	1.79064	1.79064	0.717438	1.09031	1.09031	0.156736	1.43387	1.43387	1.46134	1.3014	0.796919	1
qh11904056	NR2F1	0.301915	0.0455385	0.2577	1.83477	0.286903	0.747443	1.33718	0.0124707	0.7485	1.33593	0.0124597	0.75091	1.33191	0.0124512	0.75091	1.33191	0.860917	1.16164	1.16164	0.0546277	1.16162	1.16162	0.0546716	1.16285	1.16285	0.0546716	1.16285	1.16285	1.46134	0.977332	1.02319	0.396003	1.12621	1.12621	1.46134	1.09005	0.972042	1
qh19828791	C7orf52;C7orf52	0.301921	0.403536	1.11686	1.11686	0.113626	1.24929	1.24929	0.0808973	1.28435	1.28435	0.874155	1.0207	1.0207	0.0376014	1.36598	1.36598	0.356468	1.13046	1.13046	0.863735	0.978035	-1.02246	0.511173	1.08998	1.08998	0.19068	1.19621	1.19621	1.46132	1.3868899	0.235342	1
qh07170222	NEK2	0.301921	0.6958856	0.947335	-1.05559	0.352187	1.14093	1.14093	0.0986593	1.28323	1.28323	0.867499	1.02326	1.02326	0.251477	0.0312012	1.31986	1.31986	0.761953	1.04273	1.04273	0.170194	0.831661	-1.20273	0.0213516	0.732386	0.72285	1.38314	1.38314	1.46132	0.438923	0.266988	1
qh26005683	NCOA2	0.301923	0.2039666	0.723876	-1.38336	0.355518	1.25865	1.25865	0.97514	1.00757	1.00757	0.230576	1.35586	1.35586	0.34916	0.795068	-1.25734	0.692671	0.908325	-1.10093	0.215316	0.732386	0.729285	-1.37121	0.0774719	1.61683	1.61683	0.742219	0.923215	-1.08317	1.46131	1.35599	0.824823	1
qh26227687	BCAS3;BCAS3	0.301927	0.1906344	0.585677	-1.70743	0.139759	0.539761	-1.85267	0.959804	0.4984052	-2.00621	0.587135	1.23571	1.23571	0.517989	1.28789	1.28789	0.924274	0.963964	-1.03738	0.422703	1.37182	1.37182	0.202266	1.68156	1.68156	0.633049	1.20404	1.20404	1.4613	1.44897	2.09796	1
qh07733728	CSNK1D;CSNK1D	0.301929	0.3728384	0.868364	-1.15166	0.142323	1.06235	1.062353	0.0849155	1.01464	1.01464	0.0944551	1.09586	1.095862	0.0917332	1.01002	1.01002	0.178453	0.833131	-1.20034	0.0840951	1.27955	1.27955	0.607899	1.01182	1.01182	0.98744	1.02376	1.02376	0.842442	1.46131	0.223677	1
qh02247176	C13orf26	0.30193	0.9748872	0.972485	-1.02829	0.245229	0.90138	-2.93482	0.914512	1.09979	1.09979	0.39178	1.27536	1.27536	0.708303	1.39548	1.39548	0.525675	0.565736	-1.76761	0.780824	1.28028	1.28028	0.626182	10.21	10.21	0.167158	1.68558	1.68558	1.46129	18.1591	11.046	1
qh01490125	GPM6A;GPM6A	0.301931	0.886816	0.972168	-1.02863	0.436138	0.854312	-1.17053	0.0899816	0.6904465	-1.4483	0.0610084	0.658045	-1.51965	0.744818	1.06687	1.06687	0.425485	0.85104	-1.17503	0.136851	1.37385	1.37385	0.820765	0.95602	-1.046	0.951827	1.01205	1.01205	1.46129	0.909122	0.553301	1
qh24277313	PRKAA2	0.301933	0.081726	1.49952	1.499523	0.0667	1.22634	1.226344	0.06496	1.06496	0.064496	0.963478	1.24633	1.246333	0.0455172	1.52627	1.52627	0.308263	0.881369	-1.13454	0.675198	1.5221	1.5221	0.50811	1.15142	1.15142	0.381272	1.82812	1.82812	1.20755	1.46134	0.620014	1
qh10385220	RBPJ;RBPJ;RBPJ;RBPJ;RBPJ;RBPJ	0.301934	0.146713	1.31511	1.315111	0.799452	1.40828	1.40828	0.14028	1.40828	1.40828	0.149165	1.13826	1.13826	0.195729	0.786138	-1.27204	0.218623	0.796486	-1.25552	0.0255	0.866911	0.970934	-1.02994	0.971537	0.993745	-1.0069	0.994283	1.02227	1.02227	0.303643	1.20607	1.46128	0.715744	0.435383	1
qh00021256	FEV	0.301943	0.964158	0.977342	1.022716	0.882023	1.02727	1.027272	0.0127	1.02727	1.02727	0.0127	1.0312	1.031202	0.225591	1.02991	1.02991	0.964134	0.920872	-1.08571	0.0194462	1.02727	1.02727	0.0127	1.02727	1.02727	0.0127	1.02727	1.02727	1.46128	1.189374	0.842	0.0127	1.03014	1.03014	1.46128	1.06505	0.972042	1
qh12850099	AKAP1	0.301943	0.1143363	0.45421	-2.20163	0.907536	1.05485	1.05485	0.699856	1.19485	1.19485	0.516163	0.738945	-1.35328	0.0197199	0.274116	0.164809	0.43084	0.691083	-1.447	0.334399	0.632862	-1.58012	0.753565	0.865257	-1.15573	0.245402	0.572116	-1.74776	0.46125	0.187783	2.97302	1
qh17093877	MGC16275	0.301944	0.305214	0.65097	-1.53823	0.280312	0.634328	-1.57647	0.372155	1.45118	1.45118	0.780464	0.892858	-1.12	0.251477	0.615115	-1.62571	0.0355561	0.376064	-2.69786	0.154027	0.538505	-1.85699	0.443573	0.728452	-1.37277	0.653054	1.30214	1.30214	1.46125	3.8073	2.31601	1
qh18852522	GALNT9;GALNT9	0.301953	0.1464397	0.777323	-1.28636	0.355518	0.698669	-1.43109	0.126216	1.3925	1.3925	0.114552	0.245581	4.0545	0.972163	0.971059	1.02966	0.470525	0.546579	-1.82905	0.0514227	0.4636	-2.15706	0.0314429	0.86289	-1.15857	0.0427184	0.353734	-2.82688	0.46122	16.8206	9.53271	1
qh12871463	KRT19	0.301954	0.277707	0.559496	-1.78732	0.8696	1.0882	1.0882	0.294778	0.5717951	-1.74889	0.927962	1.04762	1.04762	0.0459858	0.308345	-3.24312	0.668103	0.801003	-1.24843	0.301835	0.576781	-1.73376	0.0496278	0.315943	-3.16512	0.188466	0.48829	-2.04796	0.46122	6.12461	3.72572	1
qh05660436	MPCA	0.301955	0.3208806	0.839329	1.191491	0.746891	1.0458	1.0458	0.7468	1.37992	0.1784525	1.37992	0.1784525	1.42063	?	0.237555	4.42064	?	4.42622	?	4.42622	1.42622	1.42622	0.0314429	1.38639	-2.58806	0.0314429	1.42622	1.42622	1.46122	-1.50478	1.50318	0.87	1.46122	1.46122	1.46122

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(1637 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg00740560	GABBR1;GABBR1	0.302378	0.555398	0.734715	-1.36107	0.0813648	2.71419	2.71419	0.103394	2.52087	2.692286	0.814171	-1.22824	0.158229	0.458563	-2.18072	0.943983	0.963081	-1.03833	0.494245	1.43157	1.43157	0.833126	1.67529	0.629777	0.777995	0.285836	1.45994
cg10138900	KLF6;KLF6;KLF6;KLF6	0.30238	0.417074	1.80231	1.80231	0.379636	1.89846	1.89846	?	?	1.20239	0.020603	2.08074	2.08074	?	?	0.0540577	0.198791	5.03041	0.906127	1.08671	1.08671	0.696789	0.758464	-1.31845	0.373245	1.91613	1.91613	1.5591	9.08455	4.99439	1
cg20955576	CCDC124	0.302384	0.541636	0.923798	-1.08249	0.586452	1.07301	1.07301	0.107582	1.25269	1.25269	0.851003	1.02442	1.02442	1.18947	1.19519	1.19519		0.037543	1.36283	1.36283	1.582708	1.07378	1.07378	0.725618	1.04624	1.04624	0.114339	1.24649	1.24649	1.45993	0.3805	0.231692	1
cg14734749	GLB1L2	0.302384	0.055301	0.070366	-14.2234	0.377508	0.315166	-3.02055	0.208455	0.198133	-5.04718	0.428432	0.28294	2.68294	0.346971	0.300503	-3.26169		0.262353	0.240082	-4.16524	0.063745	0.078528	4	-12.7342	0.939981	0.912172	-1.09628	0.958348	0.938232	-1.06583	1.45993	3.45168	20.9805	1
cg04222463	RPF2A	0.302387	0.469285	0.691483	-1.44617	0.643683	0.791833	-1.26289	0.619271	1.28531	0.8205757	0.263054	-3.8015	0.269194	0.561803	-1.77998	0.657764	1.25033	1.25033	0.695534	1.21784	1.21784	0.65994	0.801018	-1.24841	0.110127	0.417883	2.39301	1.45992	5.80568	3.53486	1
cg07534207	IRS1	0.302389	0.626277	1.07875	1.07875	0.688666	1.06419	1.06419	0.192755	0.8082232	-1.23728	0.173344	1.25078	0.974975	0.04086	1.19447	0.303175	1.48042	1.48042	0.838708	-1.20379	0.433278	0.883814	-1.13146	0.0943955	0.752766	-1.32843	1.45991	0.551622	0.335864	1
cg00937262	TMEM229A	0.302404	0.427178	1.36856	1.36856	0.604365	1.22421	1.22421	0.0287149	2.71435	2.71435	0.924961	0.964197	-1.03713	0.349232	0.688705	-1.452		0.607876	0.818487	-1.22177	0.365666	0.697878	-1.43291	0.402169	0.717612	-1.39351	0.37312	1.42455	1.42455	1.45987	3.46309	2.10862	1
cg05278204	GRID2	0.302406	0.275432	0.712761	-1.40299	0.538314	0.826414	-1.21005	0.72774	1.10994	1.10994	0.448698	0.794211	-1.25911	0.600118	1.1745	1.171		0.507176	1.2224	1.2224	0.2003462	2.30382	2.30382	0.611804	1.16502	1.16502	0.594441	1.19261	1.19261	1.45986	2.05919	1.25381	1
cg26639906	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;Cl5orf48;SNORD48;Cl5orf48;Cl5orf48;Cl5orf48	0.302406	0.983502	1.00578	1.007051	1.11092	1.11092	0.956114	1.01545	1.01545	0.520418	1.19903	1.19903	0.311557	0.746997	-1.33869	0.535748	1.19092	1.19092	0.0255653	2.09412	2.09412	0.0902663	1.68225	1.68225	0.960469	0.986285	-1.03189	1.45986	1.79484	1.09285	1
cg08566044	or4a8	0.302408	0.281434	1.52195	1.52195	0.230405	0.623713	-1.6033	0.645229	0.840354	-1.18998	0.702939	0.8661	-1.1546	0.336415	1.45044	1.45044		0.0393866	2.44527	2.44527	0.499932	1.29293	1.29293	0.45011	1.33473	1.33473	0.2220228	1.61854	1.61854	1.45985	3.25455	1.98166	1
cg23241663	TRNAU1AP;TRNAU1AP	0.302412	0.943076	0.888833	-1.01129	0.306032	1.18135	1.18135	0.923346	0.98498	-1.01525	0.994797	0.998975	-1.00103	0.84096	1.0321	1.0321		0.884117	1.0232	1.0232	0.046433	1.43147	1.43147	0.229642	1.21923	1.21923	0.0351858	1.4708	1.4708	1.45984	0.571745	0.348132	1
cg25011540	FAM64A	0.302414	0.381349	0.791223	1.36387	0.612403	1.24254	1.24254	0.97734	0.992522	-1.00744	0.128556	0.615531	-1.53485	0.922227	0.984654	1.01257		0.31946	1.30778	1.30778	0.137923	1.42673	1.42673	0.515141	0.847649	-1.17973	0.0633383	0.580069	-1.72391	1.45984	1.9277	0.95762	1
cg09845015	SHANK2;SHANK2	0.302416	0.367135	0.757501	-1.32013	0.232491	1.45549	1.45549	0.318477	1.36219	1.36219	0.300445	1.37942	1.37942	0.0729935	0.549094	-1.82118		0.421283	1.27926	1.27926	0.447294	0.792795	-1.26136	0.365927	1.32111	1.32111	0.549497	0.833982	-1.19907	1.45983	2.07778	1.26516	1
cg11324712	C6orf176;C6orf176	0.302420	0.965497	0.984011	-1.01625	0.914666	0.915142	-1.09321	0.0738435	0.475402	-2.10348	0.870989	0.941235	-1.06153	0.337532	0.562275	-1.46466		0.257849	1.55265	1.55265	0.104927	0.156753	-1.95353	0.761703	0.892855	-1.12	0.374121	0.731811	-1.40487	1.45982	3.21016	1.95468	1
cg24109852	ABHD2;ABHD2	0.302424	0.674716	1.07051	1.07058	0.287967	1.19512	1.19512	0.628348	0.924215	-1.081	0.0618178	0.713894	-1.4047	0.34646	1.16878	1.16878		0.300175	1.18942	1.18942	0.135244	0.795674	-1.2568	0.963066	0.992546	-1.00751	0.337564	1.1732	1.1732	1.4598	0.603559	0.367513	1
cg06201372	DERL1;DERL1	0.302426	0.379431	0.847972	-1.17928	0.103629	1.38474	1.38474	0.279473	1.2283	1.2283	0.791649	0.952733	-1.04961	0.134489	1.3433	1.3433		0.164815	0.762605	-1.3113	0.987904	0.997231	-1.00278	0.950157	1.19229	1.19229	0.371374	1.18277	1.18277	1.4598	0.77332	0.470884	1
cg26282665	C18orf22	0.302428	0.927455	1.03723	1.03723	0.803697	1.10531	1.10531	0.567292	0.79091	-1.26118	0.40931	1.38236	1.38236	0.574307	1.2558	1.2558		0.322115	1.50754	1.50754	0.0214345	3.5521	3.5521	0.897195	1.05325	0.720291	0.865631	-1.15521	1.45979	3.72354	2.26732	1
cg19738774	MRGPRF;MRGPRF	0.302429	0.103629	0.474556	-2.12623	0.512624	0.757224	-1.32061	0.943742	1.03	1.03	0.753708	1.1409	1.1409	0.279158	0.624248	-1.60193		0.309518	1.53536	1.53536	0.512455	1.32077	1.32077	0.348478	0.66749	-1.49815	0.0836649	0.229946	2.22946	1.45979	4.05488	2.46908	1
cg06636685	UMO1	0.302429	0.0966271	0.60188	-1.66146	0.469572	0.814758	-1.22731	0.343888	1.40414	1.40414	0.216896	0.697732	-1.43122	0.449598	0.809953	-1.23503	0.502127	1.2088	1.2088	0.0216862	1.56808	1.56808	0.0956562	0.545079	-1.8346	0.348709	0.964469	-1.0381	1.4597	1.7918	1.04265	1
cg12909525	ALDH4A1;ALDH4A1;ALDH4A1	0.302429	0.157604	0.525045	-1.9046	0.113202	0.479468	-2.08564	0.208564	0.637422	-1.56882	0.632808	0.814437	-1.22784	0.0572515	0.399632	-2.5023		0.303437	0.63475	-1.5754	0.0967865	0.459627	-2.17568	0.100815	0.464694	-2.15196	0.0532515	0.720291	0.865631	-1.15521	1.4597	3.72354	2.26732	1
cg19291025	LOC728613	0.30243	0.4788	0.763137	-1.31038	0.156453	0.566036	-1.76667	0.939637	0.971967	-1.02884	0.477604	1.31138	1.31138	0.669144	0.462408	-2.16217		0.251244	0.637605	-1.56837	0.0634	0.456704	2.18766	0.707117	1.15224	1.15224	0.454244	0.751121	-1.33134	1.45979	3.25866	1.98425	1
cg02506324	SPTBN2	0.302438	0.599755	0.868676	1.15161	0.495227	0.66199	1.51106	0.340746	1.30746	1.30746	0.888721	1.25308	1.25308	0.312028	1.32202	-1.3235	0.673405	0.737436	1.25388	1.25388	0.140553	0.779573	0.251655	-1.9737	0.0178854	0.657005	1.24454	1.24454	0.555473	0.685025	1.45978	2.86144	1.72731	1
cg14347878	TPO52;TPO52;TPO52;ADAM9;ADAM9;TM2D2;ADAM9;TM2D2;ADAM9	0.302444	0.0924669	0.313858	-3.18615	0.121419	0.34963	-2.86016	0.184313	0.414245	-2.41403	0.769639	0.832125	-1.20174	0.0649601	0.273365	3.65811		0.500363	0.651749	-1.53433	0.128513	0.357667	-2.7959	0.118697	0.346481	-2.88616	0.556971	0.685924	-1.45028	1.45974	0.95454	5.51362	1
cg06687766	2;ADAM9;TM2D2;TM2D2;ADAM9	0.302445	0.290412	1.26105	1.26105	0.73721	1.07379	0.37935	0.627564	0.955421	-1.04774	0.0619347	1.55952	1.55952	0.0945288	0.678065	-1.47479		0.833613	1.05447	1.05447	0.704414	1.08391	1.08391	0.174461	1.35713	1.35713	0.404063	1.19781	1.19781	1.45974	1.03119	0.629149	1
cg06104935	CUX1;CUX1;CUX1	0.302447	0.727578	0.735599	-1.35944	0.0554164	6.72898	6.72898	0.0732381	5.778	5.778	0.655458	0.674131	-1.48339	0.178841	0.285358	-3.50437		0.765263	0.768806	-1.30072	0.927226	1.08352	1.08352	0.648595	1.4961	1.4961	0.992332	1.00847	1.00847	1.45974	17.8242	10.8538	1
cg20686277	OTUD3	0.302453	0.582382	0.880992	1.13548	0.395219	1.72326	1.72326	0.159467	1.72326	1.72326	0.159467	1.72326	1.72326	0.159467	1.72326	1.72326		0.449548	0.713312	-1.4019	0.153544	0.599922	-1.29883	0.765772	0.87723	-1.13995	0.60655	0.839084	-1.19178	0.94772	0.444393	0.75612	1
cg02569219	GSSM2;GSSM2	0.302454	0.200513	2.37642	2.37642	0.622528	0.83299	0.832299	0.0745127	0.567281	0.567281	0.307917	1.96526	1.96526	0.520455	0.659007	-1.51743		0.563666	0.688184	-1.4531	0.683426	0.728572	0.82862	0.828192	0.829193	0.870829	-1.14833	0.459271	0.474441	1.45973	0.474441	0.576941	1
cg20321544	FCGR1B;FCGR1B	0.302456	0.0966892	0.615636	1.62483	0.0966892	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	0.0966892	0.615636		0.248651	0.70951	-1.40945	0.653236	0.533554	0.923468	1.08359	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	1
cg05720226	ST7;ST7;ST7OT2	0.302456	0.163568	0.336634	-2.97058	0.778886	1.2289	1.2289	0.678038	1.35758	1.35758	0.168404	2.59234	2.59234	0.0431313	0.181981	0.49509		0.593907	0.674299	-1.48302	0.629848	0.700756	-1.42703	0.754146	1.25867	1.25867	0.313222	0.465885	2.14645	1.4597	12.3964	7.54883	1
cg18007543	ARSD	0.302467	0.081999	0.181891	-5.4978	0.232511	0.330444	-3.02623	0.0383932	0.119808	-8.34671	0.79323	0.792682	-1.26154	0.100329	0.203474	-4.91463		0.220191	0.319963	-3.12536	0.631364	0.652099	-1.53351	0.288122	0.370053	-2.65214	0.321666	0.404332	-2.47432	1.45968	18.0834	11.0121	1
cg06924852	FAM19A5;FAM19A5	0.302468	0.247389	0.760152	1.31532	0.364122	1.37939	1.72759	0.69468	1.18588	1.18588	0.214481	1.20742	-1.40475	0.0977353	0.711488	-1.40547	0.891403	1.1508	1.1508	0.284186	0.740181	-1.35061	0.806591	0.758942	-1.31762	0.40967	1.55004	0.84757	1.45967	1.0008	1.12455	1
cg10223012	LRRC4B	0.30247	0.924798	1.08305	1.08305	0.0320094	3.35622	3.35622	0.0813927	5.11586	5.11586	0.939571	0.937941	-1.06616	0.260954	0.371309	-2.69318		0.829651	1.1997	1.1997	0.824922	0.829258	-1.2059	0.642289	1.48481	1.48481	0.510701	1.7573	1.7573	1.45967	16.508	10.0528	1
cg02134976	C6orf132	0.302473	0.222162	1.79265	1.79265	0.0179557	1.20357	2.09357	0.993164	1.09586	-1.00443	0.882959	0.937746	-1.06639	0.144756	0.401558	-2.49128		0.380978	1.44808	1.44808	0.364866	1.45533	1.45533	0.209144	1.23008	1.23008	0.212738	1.20526	1.79178	1.45966	4.40125	2.68284	1
cg13647528	GRAMD1B	0.302475	0.459656	1.34599	1.34599	0.410599	1.39388	1.39388	0.14986	1.84263	1.84263	0.222601	1.65767	1.65767	0.55401	0.789582	-1.26649		0.394385	0.708719	-1.411	0.312486	0.662092	-1.51036	0.336014	0.525025	-1.90467	0.330314	1.48656	1.48656	1.45965	3.60101	2.19292	1
cg08818886	SYAP1;SYAP1	0.302475	0.363259	0.696284	-1.4362	0.187981	0.582449	-1.71689	0.868503	0.937823	-1.0663	0.385934	0.708681	-1.41107	0.617173	0.822634	-1.21561		0.210797	0.599998	-1.66667	0.056807	0.433788	-2.30527	0.786005	1.11119	1.11119	0.144886	1.83416	1.83416	1.45965	3.36983	2.11303	1
cg16583118	PRSS8	0.302483	0.362754	0.808025	1.23728	0.620655	0.90501	-1.437	0.183061	0.54531	-1.83382	0.628911	0.832196	-1.20161	0.0977746	0.399632	-2.5023		0.3922196	1.06847	1.06847	0.716046	0.734132	-1.36238	0.647516	0.810645	-1.23433	0.456163	0.70245	-1.42337	1.45965	2.79178	1.96426	1
cg10770533	PRDM16;PRDM16	0.302486	0.997927	0.999417	-1.00058	0.0305529	0.565006	-1.76889	0.332868	1.25158	1.25158	0.444548	1.19136	1.19136	0.714724	1.08597	1.08597		0.341473	1.24633	1.24633	0.181074	1.37574	1.37574	0.768358	0.935805	-1.0686	0.979973	0.994377	-1.00566	1.45962	1.16665	0.710475	1
cg05638242	FAM19A5;FAM19A5	0.302488	0.385635	1.13548	1.13548	0.4555	0.66199	1.51106	0.340746	1.30746	1.30746	0.888721	1.25308	1.25308	0.312028	1.32202	-1.3235	0.673405	0.737436	1.25388	1.25388	0.140553	0.779573	0.251655	-1.9737	0.0178854	0.657005	1.24454	1.24454	0.555473	0.685025	1.45978	2.86144	1.72731	1
cg13016237	DPP6;DPP6;DPP6	0.30249	0.992046	1.0023	1.0023	0.388103	0.81553	-1.2262	0.213615	0.739418	-1.35242	0.854964	0.958697	-1.04308	0.536199	1.15535	1.15535		0.718335	0.919893	-1.08708	0.199939	1.36635	1.36635	0.355097	1.2452	1.2452	0.0408498	1.58032	-1.72319	1.45961	1.22849	0.748138	1
cg04113348	CORT;APITD1;CORT	0.302492	0.398745	1.92151	1.92158	0.124895	3.51081	3.51081	0.814412	1.19455	1.19455	0.252992	2.46616	2.46616	0.539836	0.62553	-1.59864		0.130224	1.34052	1.44052	0.0934558	4.0342	4.0342	0.101796	1.87316	1.87316	0.174354	2.94779	2.94779	1.4596	13.212	8.04606	1
cg06962313	ANP32	0.302499	0.43633	0.446469	-2.24035	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483		0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	0.0966892	0.615636	1.62483	1
cg08811340	ZHX1;ZHX1;ZHX1;ZHX1	0.302504	0.287493	2.20877	2.20877	0.194438	0.370915	-2.69604	0.198351	0.374633	-2.66928	0.482098	1.66311	1.66311	0.764635	1.2371	1.2371		0.0586302	0.205509	-4.86597	0.696314	0.757188	-1.32068	0.221344	0.395892	-2.52594	0.973218	1.02405	1.02405	1.56161	11.8024	5.03856	1
cg02029319	MYOC	0.302505	0.466042	0.716537	-1.3956	0.525263	0.749033	-1.33505	0.39927	1.47493	1.47493	0.230894	1.76206	1.76206	0.47405	0.523003	-1.91204		0.499548	0.713312	-1.4019	0.153544	0.599922	-1.29883	0.765772	0.87723	-1.13995	0.60655	0.839084	-1.19178	0.94772	0.444393	0.75612	1
cg01155090	KKR7	0.30251	0.703185	0.786886	-1.27083	0.0836803	0.31514	3.31514	0.583393	0.706979	-1.41447	0.852966	1.12317	1.12317	0.0349894	0.214775	-4.65604		0.883707	0.09596	-10.4207	0.0996	0.450877	0.618196	-1.61761	0.800567	0.853446	-1.17172	0.396403	0.580592	-1.72238	1.45955	0.96044	5.51796	1
cg25108052	KRT80;KRT80	0.302513	0.0924908	0.65912	-1.51725	0.415569	0.710284	-1.40805	0.800595	0.944653	-1.05864	0.209767	1.34662	1.34662	0.21725	0.740566	-1.34947		0.883981	1.01342	1.01342	0.921965	1.25905	1.25905	0.963427	0.810551	-1.23403	0.335585	0.779667	-1.28252	1.45954	1.7	1.07243	1
cg04249459	ZNF844;ZNF844	0.302512	0.626943	1.55516	1.55516	0.872134	0.982498	-1.01781	0.577016	0.96371	-1.03761	0.918926	1.01122	1.01122	0.0106401	1.42201	-1.42201		0.444826	1.08914	1.08914	0.76759	0.966631	-1.03452	0.795995	0.971998	-1.02881	0.606016	0.944563	-1.05869	1.45954	0.277779	0.169173	1
cg17068311	CYB5R4	0.302516	0.940683	1.0384	1.0384	0.335244	1.65395	1.65395	0.703788	1.18602	1.18602	0.687587	0.814899	-1.22715	0.0337459	0.284946	-3.50943		0.942582	0.964184	-1.03676	0.746321	0.729498	0.970636	0.627818	-1.59282	0.938419	0.2399	0.1099	1.45953	1.92664	3.60947	1
cg03164112	ASB18	0.302523	0.266924	1.81131	1.81131	0.276376	0.661877	1.50886	0.462421	1.23705	1.23705	0.808704	1.18704	1.18704	0.433276	0.84535	-1.18295	0.0602408	0.970608	0.12364	-8.08707	0.979758	0.946958	-1.05601	0.788709	-1.12728	0.484504	1.07564	0.95499	1.45949	0.716448	0.0	1.12455	1
cg03892566	PDE4DIP	0.302534	0.808446	0.864643	-1.15655	0.185856	2.31625	2.31625	0.0557479	3.6616	3.6616	0.720777	1.23975	1.23975	0.640987	0.754861	-1.32475		0.975424	0.981723	-1.01862	0.115111	0.398484	-2.78953	0.586947	0.720026	-1.38884	0.384567	0.586347	-1.70548	1.45948	8.28821	5.04791	1
cg10537824	MAD1L1;MAD1L1;MAD1L1	0.302534	0.575321	1.37325	1.37325	0.272548	1.37544	1.37544	0.0466229	1.50575	1.50575	0.272085	1.07865	1.07865	0.928494	0.762721	-1.31094		0.527631	1.41161	1.41161	0.463152	1.52177	1.52177	0.240606	1.51375	1.51375	0.979519	1.0145	1.0145	1.45947	1.26606	0.42537	1
cg19459727	ZNF2;NIF2;INF2	0.302548	0.124577	1.47402	2.14742	0.0844503	1.11093	1.11093	0.996329	1.00218	1.00218	0.2794	1.70341	1.70341	0.856802	1.32554	1.13411		0.872016	1.0793	1.0793	0.708845	2.52023	2.52023	0.0334879	2.34338	2.34338	0.218442	1.84617	1.84617	1.45943	7.1853	3.15819	1
cg23003720	C13orf38;C13orf38;C13orf38;C13orf38;C13orf38	0.302554	0.844949	0.938387	-1.06566	0.321049	0.716781	-1.39513	0.133325	0.591002	-1.69204	0.396251	1.32599	1.32599	0.0892265	0.544065	-1.83801		0.304173	0.707774	-1.41288	0.0856002	0.539485	-1.85362	0.882613	0.953145	-1.04916	0.150543	0.606248	-1.64949	1.45941	2.43823	1.48506	1
cg14492061	SNTN	0.302556	0.111666	0.594012	-1.68347	0.660922	0.875727	-1.14191	0.0325978	0.474475	-2.1221	0.610148	0.856765	-1.16718	0.424988	0.782753	-1.27754		0.163098	0.639184	-1.56449	0.377876	1.3126	1.3126	0.111573	0.967007	-1.03412	0.344081	0.746021	-1.34045	1.45941	2.08909	1.27241	1
cg22396454	CNP3	0.302558	0.0435876	0.4615	2.16705	0.157669	0.710284	-1.40805	0.800595	0.944653	-1.05864	0.209767	1.34662	1.34662	0.21725	0.740566	-1.34947		0.883981	1.01342	1.01342	0.921965	1.25905	1.25905	0.963427	0.810551	-1.23403	0.335585	0.779667	-1.28252	1.45954	1.7	1.07243	1
cg02903823	WISP1;WISP1;WISP1;WISP1	0.302563	0.21651	0.350228	-2.85528	0.475795	0.55711	-1.79498	0.711261	0.740848	-1.3498	0.461206	0.545968	-1.83161	0.059245	0.179401	0.57409		0.0964258	0.229337	-4.36039	0.0658455	0.189167	-5.28632	0.112827	0.248477	-4.02452	0.69881	0.730757	-1.36844	1.45939	15.0434	9.16271	1
cg02456944	PCBP3;PCBP3	0.302564	0.920968	1.05584	1.05584	0.165504	2.24773	2.24773	0.467011	0.49971	1.49971	0.864929	0.912218	-1.09503	0.0212711	0.219609	4.55356		0.921387	0.947084	-1.05554	0.652198	0.847395	-1.15288	0.501768	0.688458	-1.45252	1.45938	6.93	4.22096	1
cg24916224	HG5	0.302564	0.737155	0.880221	-1.13615	0.412322	0.755236	-1.32452	0.61917	1.17741	1.17741	0.789559	1.09119	1.09119	0.0108082	1.77222	-1.77222		0.567405	1.07277	1.07277	0.251461	0.463685	-2.15664	0.710225	1.12936	1.12936	0.824207	1.07521	1.07521	0.643938	1.22552	1.49562	1
cg03670228	EIF3B;EIF3B	0.302572	0.472385	0.778446	-1.28461	0.70275	0.876885	-1.1404	0.0777133	0.9578	0.9578	0.319963	1.42211	1.42211	0.211952	0.637283	-1.56916		0.15495	0.593587	-1.68467	0.653202	0.85636	-1.16773	0.830154	1.07638	1.07638	0.233548	0.651834	-1.53413	0.49336	2.71376	1.65294	1
cg19405511	RPS6KA2;RPS6KA2	0.302579	0.0219465	0.809799	-1.23498	0.169368	0.626241	1.09808	0.109808	0.822376	1.04007	1.04007	0.383267	1.17455	1.17455	0.0792921	1.06203	1.06203	0.162229	1.16229	1.16229	0.0239385	1.1702	1.1702	0.467157	1.14242	1.14242	0.344664	1.04576	1.45934	0.74841	0.455859	1
cg19445269	LOC100271715	0.302588	0.186374	0.629892	-1.58757	0.289194	0.695587	-1.43764	0.0224158	0.405538	-2.46586	0.230376	0.660226	-1.51463	0.209988	0.654089	-1.52884		0.466201	0.782968	-1.27719	0.852162	1.06349	1.06349	0.217244	0.651595	-1.53469	0.244349	0.669079	1.49459	1.45931	2.51607	1.53258	1
cg10276301	LOC100133545	0.302589	0.78856	1.10393	1.10392	0.476815	1.30484	1.30484	0.489448	1.29468	1.29468	0.368228	1.40488	1.40488	0.0189531	0.351646	-2.84377		0.984831	1.00702	1.00702	0.413001	0.735028	-1.36049	0.473054	0.764576	-1.30791	0.926045	1.03733	1.03733	1.45931	3.127	1.9047	1
cg18955629	SLC4A2	0.302592	0.417752	1.70827	-1.41589	0.124303	0.749492	-1.3402	0.0216989	0.443653	2.25403	0.159789	0.814513	-1.22792	0.0249435	0.379948	-2.63225		0.455726	0.72686	-1.3756	0.218107	0.336501	-2.97176	0.387558	0.538997	1.85607	0.0156403	0.232009	0.24593	1.45931	0.42761	0.44283	1
cg21254847	BRSK2	0.302595	0.977346	0.983759	-1.01651	0.0473907	0.69882	1.69882	0.0556163	3.49281	3.49281	0.734279	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg15991478	UBQ	0.302830	0.85405	1.07274	0.177224	1.122044	0.527815	-1.8946	0.155745	0.563945	-1.77322	0.547471	0.26125	1.262265	0.02283772	0.37745	2.64936	0.510983	0.775532	-1.28944	0.638374	1.93767	1.19767	0.591405	0.813334	-1.22951	0.607432	0.820714	0.21845	1.45857	3.35831	2.04664	1
cg19241679	LINGO3	0.302837	0.750056	0.756808	-1.32134	0.787733	0.790341	-1.26528	0.226521	0.330526	-3.02548	0.210528	0.316542	-3.15914	0.975517	1.02712	1.02712	0.357286	2.28279	2.28279	0.850079	0.847916	-1.17936	0.975517	1.08122	2.30566	2.30566	0.038191	8.12149	8.12149	1.48572	17.5586	10.7007	1
cg10121788	ADAMTS18	0.302838	0.0547008	3.61706	3.617062	0.0436318	3.92985	3.92985	0.47127	1.54085	1.54085	0.407234	1.64897	1.64897	0.498564	1.49918	1.49918	0.177316	2.33004	2.33004	0.478919	0.653992	-1.52907	0.746886	1.21051	1.21051	0.945779	1.04094	1.04094	1.45856	8.03991	4.89975	1
cg17385301	LRRC4B	0.393448	1.36554	1.365541	0.2209936	2.69021	2.69021	2.69021	0.361491	1.39697	1.39697	0.463913	1.30431	1.30431	0.503239	1.27394	1.27394	0.071692	2.04767	2.04767	0.585299	1.21698	1.21698	0.192162	1.89354	1.16561	0.985772	1.06358	1.00638	1.45855	2.93414	1.78816	1
	DAXX;DAXX;DAXX;DAXX;DAXX;DAXX;DA																																
cg02173004	XX	0.302842	0.211525	1.55097	1.55097	0.904994	0.960969	-1.04062	0.406416	1.32737	1.32737	0.49492	0.793669	-1.25997	0.04918268	2.11416	2.11416	0.397806	1.33466	1.33466	0.36889	1.36033	0.983586	1.00688	1.00688	0.152967	0.600293	-1.66585	1.45855	2.56834	1.56524	1
cg09821218	CDH3	0.302844	0.227113	0.545266	-1.83397	0.234617	1.8146	1.8146	0.83367	0.904316	-1.10581	0.486405	0.713015	-1.4025	0.8908803	0.936413	-1.0679	0.082195	0.398135	-2.51171	0.13976	0.4676576	-2.13823	0.282537	0.586204	-1.70589	0.113698	0.439046	-2.27766	1.48554	5.28426	3.22042	1
cg21207418	ACP5;ACP5;ACP5;ACP5	0.302844	0.138403	0.610991	-1.63669	0.467573	1.25644	1.25644	0.07154439	0.542262	-1.84411	0.468278	0.796198	-1.25597	0.6723232	0.878041	-1.14045	0.704733	0.889073	-1.12477	0.421223	1.288886	1.288886	0.426982	1.28401	1.28401	0.112394	0.586178	-1.70597	1.48554	2.20326	1.34275	1
cg03579551	CGB	0.302854	0.213095	0.691961	-1.44517	0.146333	0.6454	1.64943	0.127314	0.629359	-1.58892	0.291261	0.630992	-1.58481	0.124739	0.627052	1.59476	0.872409	0.955868	-1.04617	0.520309	0.832766	-1.20082	0.0997406	0.6025538	1.659065	0.0903288	0.592071	1.68899	1.48581	1.8217	1.11023	1
cg18061678	FDXR;FDXR	0.302855	0.841884	0.96613	-1.03506	0.327661	1.19043	1.19043	0.200752	0.792052	-1.26254	0.34731	0.846245	-1.18169	0.220778	1.24866	1.24866	0.0601771	1.44157	1.44157	0.957159	1.00931	1.00931	0.606354	1.09381	1.09381	0.224033	1.24653	1.24653	1.48551	0.6874092	0.418992	1
cg27255115	IGFBP4	0.302861	0.921902	0.981287	-1.01907	0.777032	1.24686	1.24686	0.149045	0.819049	-1.22056	0.259782	-1.29878	0.287733	0.884562	-1.23693	0.117974	1.3843	1.3843	0.145345	1.35362	1.35362	0.664351	0.919335	1.08774	0.809668	0.816665	1.22449	1.48549	0.857237	0.52345	1
cg05533783	GPR37;GPR37	0.302862	0.37061	1.43921	1.439211	0.68261	0.746576	-1.33945	0.601373	0.81516	-1.23213	0.509186	0.1308	1.360368	0.407944	0.833546	-1.19969	0.203471	1.70163	1.70163	0.245135	0.617884	-1.61843	0.800465	1.1055	1.1055	0.039373	0.389106	-2.56999	1.48549	3.62272	2.2079	1
cg21790305	SYNGAP1	0.302863	0.0094303	4.44421	-2.25063	0.822739	1.03121	1.03121	0.755419	1.15069	1.15069	0.889796	0.939625	-1.06425	0.0180294	2.275168	-3.53415	0.576481	1.76106	-1.28845	0.515427	0.743605	-1.3448	0.650424	1.22744	1.22744	0.972903	1.01537	1.01537	1.48548	4.50207	2.84051	1
cg18287962	ENTPD6;ENTPD6;ENTPD6;ENTPD6	0.302866	0.285714	-3.894145	-1.51839	0.368201	0.910947	-1.09776	0.151924	0.856504	-1.16754	0.482157	1.07475	1.07475	0.019106	0.751102	-1.33138	0.610642	0.949502	-1.05318	0.484772	0.930863	-1.07427	0.886625	0.985707	-1.0145	0.368637	0.910329	-1.09766	1.48548	0.235222	0.143359	1
cg01012943	EDNRA;EDNRA;EDNRA	0.302867	0.495865	0.788764	-1.26781	0.230698	0.64955	-1.53953	0.420148	0.75379	-1.32663	0.232651	0.650835	-1.53649	0.851762	0.937822	-1.0663	0.338485	1.40296	1.40296	0.0894	0.525872	-1.9106	0.426275	0.756711	-1.32151	0.0436417	0.455146	-2.21658	1.48547	2.72012	1.65782	1
cg10347474	RBP1	0.302870	0.343703	0.942452	1.06106	0.149835	0.581883	-1.71856	0.156292	0.780532	-1.31518	0.33339	0.805057	-1.19752	0.521101	0.889142	-1.12468	0.628843	1.09026	1.09026	0.504274	0.884775	-1.13023	0.749872	0.943814	-1.05949	0.322959	0.83157	-1.20254	1.48547	0.753889	0.459471	1
cg18876786	ZNF790	0.30287	0.221367	0.396488	-2.52214	0.254473	2.35467	2.35467	0.058092	4.67144	4.67144	0.449111	1.83598	1.83598	0.842416	1.15402	1.15402	?	?	?	0.771889	0.811234	-1.23269	0.273792	2.26955	2.26955	0.428529	0.558959	-1.78904	1.4858	10.6368	7.29145	1
cg03575292	C16orf91	0.302875	0.606349	0.812235	-1.23117	0.382116	0.698656	-1.43132	0.021626	0.335007	-2.98294	0.255547	1.60786	1.60786	0.203694	0.584636	-1.71047	0.594193	0.806421	-1.24005	0.708344	0.860407	-1.16224	0.692178	1.17258	1.17258	0.611186	0.815109	-1.22696	1.48548	3.6976	2.2536	1
cg02586637	COG10B	0.302876	0.177916	3.442352	3.44084	0.19727	0.309633	-3.22963	0.391246	0.480414	-2.08154	0.344006	2.279736	2.279736	0.244571	0.353587	2.82816	0.757688	1.29308	1.29308	?	?	?	?	?	?	?	?	?	1.48547	1.63565	0.889	0.54974	1
cg23875213	ZNF781;ZNF781	0.30288	0.667061	0.809049	-1.23602	0.679403	0.815893	-1.22565	0.50462	1.39306	1.39306	0.139607	0.459175	-2.17782	0.586042	0.763964	-1.30896	0.432389	0.675506	-1.48037	0.0189614	0.248819	-4.01898	0.844684	1.10079	1.10079	0.627406	1.27059	1.27059	1.48543	5.53711	3.37477	1
cg20598560	SGPP2	0.302887	0.336997	1.28615	1.286151	0.770362	0.91974	-1.07401	0.601586	1.03195	1.03195	0.790737	0.739425	-1.35221	0.0997354	1.42554	1.42554	0.725707	0.934346	-1.09368	0.668365	0.59913	-1.66937	0.337467	1.2834	1.2834	0.128581	0.222213	1.37923	1.37923	1.48541	1.49278	0.909836	1
cg05347845	ACTA1	0.302888	0.109481	2.58569	2.585369	0.388829	0.64619	-1.64819	0.509711	0.63464	3.631464	0.203837	13.15554	13.15554	0.467417	4.14028	4.14028	0.623188	2.58968	2.58968	0.597375	0.359304	-2.78316	0.0306567	129.927	129.927	0.150584	19.3048	19.3048	1.48541	85.2738	51.9736	1
cg22247327	THAP8;WDR62;WDR62	0.302889	0.874647	1.08211	1.082494	0.923688	0.940916	1.02008	0.854746	0.910245	1.09548	0.831754	0.86011	1.16264	0.617542	0.842394	-1.18689	0.948007	1.07696	1.07696	0.842007	0.944333	-1.05671	0.615488	1.23175	1.23175	0.145084	0.923105	1.08329	1.48541	4.60207	2.84051	1
cg15520459	CSF2RB	0.30289	0.507928	1.48853	1.48853	0.0989149	2.91972	2.91972	0.679492	1.27896	1.27896	0.26198	1.99915	1.99915	0.365297	0.576431	1.73481	0.218004	2.15424	2.15424	0.343381	1.78262	1.78262	0.0967561	2.94388	2.94388	0.0840187	3.10262	3.10262	1.4854	8.10143	4.93778	1
ch.4.30459968	TLL1	0.302892	0.155029	0.323626	-3.08999	0.125653	0.292697	-3.4165	0.494134	0.597656	-1.67332	0.0608529	0.208783	-4.78966	0.131792	0.299406	-3.33995	0.568567	0.652328	-1.53297	0.0671423	0.218474	-4.57721	0.220088	0.38448	-2.60091	0.367407	0.503388	-1.98654	1.4854	12.6939	7.7369	1
cg10943359	1-Mar	0.302893	0.298551	1.20896	1.20896	0.4786268	0.680878	-1.13523	0.0297365	1.56916	1.56916	0.264565	1.36587	1.36587	0.629279	1.08842	1.08842	0.869977	1.02927	1.02927	0.61698	0.916902	-1.08732	0.412757	0.8628886	-1.1589	0.313844	1.20135	1.48539	0.763655	0.436623	1
cg06351481	RECQL;RECQL	0.302894	0.598651	0.755863	-1.32299	0.862263	0.912551	-1.09583	0.0428194	3.4163	3.4163	0.236493	1.92256	1.92256	0.744913	0.841945	-1.18773	0.552997	1.372	1.372	0.497773	0.695772	-1.43725	0.118452	0.409336	-2.44298	0.889991	0.929666	-1.07565	1.48539	6.41435	3.90954	1
cg20700106	DIP2C	0.302897	0.909656	0.951281	-1.05109	0.704206	0.64579	2.6609	0.167986	0.335054	2.98292	0.0772453	0.0330307	-3.00294	0.255547	1.60786	1.60786	0.203694	0.584636	-1.71047	0.594193	0.806421	-1.24005	0.708344	0.860407	-1.16224	0.692178	1.17258	1.17258	0.611186	0.815109	-1.22696	0.748945	3.6976	2.2536	1
cg08780974	BMS1	0.302904	0.295691	1.862931	-1.15884	0.419992	0.834093	-1.11853	0.706995	1.05268	1.05268	0.760404	0.959209	-1.04253	0.0694958	0.758792	-1.31788	0.339853	1.14309	1.14309	0.254533	1.17556	1.176556	0.196494	0.804052	-1.2437	0.346837	0.876607	-1.14076	1.48536	0.426886	0.260192	1
cg06356032	GTF2B;GTF2B	0.302905	0.898915	1.02832	1.028324	0.764777	1.06816	1.06816	0.226585	0.753591	-1.32698	0.094798	0.668024	-1.49695	0.160705	0.719479	-1.38989	0.648139	0.903975	-1.10623	0.546057	1.14367	1.14367	0.276214	1.28257	1.28257	0.185072	1.36182	1.36182	1.48536	1.1155	0.679667	1
cg27647394	SYT5	0.302906	0.509267	1.713262	1.40201	0.713284	1.2583	1.2583	0.155194	1.78885	0.051584	0.137939	1.07739	0.655125

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. 347T)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	SS(Test)	SS(Error)	df	F(Error
cg13220111	TSN	0.303348	0.93082	1.00302	0.03002	0.0988021	0.85269	1.85269	0.09382	1.87334	0.42789	1.87334	0.42789	0.758993	-1.53758	0.667344	0.863025	-1.15872	0.241653	1.51823	0.15823	0.20037	0.630763	-1.58538	0.584735	0.828605	-1.20585	0.640395	1.17402	1.45703	2.67849	1.63407	1
cg18468219	MARVELD3;MARVELD3	0.303357	0.269297	1.37612	1.37612	0.660223	0.988248	-1.01189	0.504268	1.20691	1.20691	0.551241	0.845935	-1.18212	0.356414	1.30114	1.30114	0.055139	0.54694	-1.82835	0.339382	0.76088	-1.31427	0.614415	1.1514	1.1514	0.170288	1.49076	1.1457	1.77725	1.08426	1
cg22333733	DNAJC24;DCDC1	0.30337	0.120525	0.26665	-3.74967	0.755402	0.787937	-1.26914	0.668127	1.38996	1.38996	?	?	?	0.457729	0.559971	-1.78581	?	?	?	0.454831	1.79284	1.79284	0.0807788	2.159447	-4.63077	?	?	1.55232	9.05933	5.83599	1
cg14825413	GLI4	0.303528	0.105528	0.30477	-3.2811	0.588234	1.44381	1.44381	0.125182	1.937854	-3.05014	1.795463	0.839835	-1.19071	0.040791	2.004595	-4.88769	0.373	0.540906	-1.84875	0.195479	0.398544	-2.50914	0.324837	0.509323	-1.98011	0.432481	0.583767	-1.71301	1.456996	10.4177	6.35386	1
cg16193203	USP54	0.30338	0.671818	0.762638	-1.31124	0.0331392	0.205133	0.817347	0.0560245	0.252508	-3.96027	0.769613	1.20531	1.20531	0.831766	0.873475	-1.14485	0.426319	0.596593	-1.67619	0.3877	0.569506	-1.75591	0.806348	0.855408	-1.16903	0.474896	1.58734	1.587734	0.459463	9.33012	5.69239	1
cg15279236	CBARA1;MIR1256	0.303385	0.965579	1.02999	1.02999	0.0321114	0.577743	1.577743	0.0512119	0.57254	4.57254	0.589779	0.688896	-1.45166	0.903767	0.920521	-1.08634	0.456326	1.68105	1.68105	0.827168	0.86096	-1.16149	0.674807	1.33496	1.33496	0.826591	0.860521	-1.16209	1.45692	10.8162	6.59911	1
cg25015271	DUPD1	0.303387	0.926609	0.980621	-1.01976	0.733055	1.07543	1.07543	0.066628	0.64607	-1.54782	0.825327	0.954135	-1.04807	0.862899	0.963953	-1.0374	0.658698	1.09902	1.09902	0.0443674	1.63315	1.63315	0.313291	1.24798	1.24798	0.729364	0.928883	-1.07656	1.45692	1.04107	0.635173	1
cg15260248	LEPREL1;LEPREL1 ARMC8;ARMCR;ARMC8;ARMC8;ARMC	0.303389	0.482959	1.90733	1.90733	0.477758	1.922555	1.922555	0.288956	0.369036	-2.70976	0.0669978	0.155771	-6.41967	0.828583	1.21697	1.21697	0.267658	2.84541	2.84541	0.402505	2.17251	2.17251	0.351047	0.419287	-2.385	0.223997	3.1799	1.45691	18.9236	11.5457	1
cg13272327	B;ARMCB	0.303394	0.484389	0.890887	-1.12248	0.370971	1.1611	1.1611	0.220297	1.23311	1.23311	0.45252	0.882997	-1.13251	0.0890014	1.35658	1.35658	0.925211	0.98485	-1.01538	0.434469	0.878393	-1.13844	0.491404	0.892587	-1.12034	0.0984644	1.34263	1.34263	1.45689	0.609974	0.372161	1
cg05339403	OSBPL1A;OSBPL1A	0.303396	0.219878	1.55518	2.16018	0.0001	0.0001	0.0001	0.0001	0.028629	1.44576	1.44576	0.118906	3.34471	0.79746	0.158004	2.23152	0.93512	0.219878	1.55518	2.16018	0.0001	0.0001	0.0001	0.0001	0.028629	1.44576	1.44576	0.118906	3.34471	0.79746	0.158004	2.23152	0.93512	1.45689	1.7416	1.16388	1
cg26690474	LRP8;LRP8;LRP8;LRP8	0.3034	0.535655	0.778023	-1.28531	0.0643742	0.435374	-2.29687	0.191439	0.57497	-1.73922	0.12672	0.516323	-1.93677	0.576446	1.25335	1.25335	0.877052	0.939928	-1.06391	0.252096	1.61405	1.61405	0.270588	0.631905	-1.58252	0.812625	1.09968	1.09968	1.45688	3.69474	2.25428	1
cg08447658	KIAA1530	0.303401	0.449979	0.610614	-1.63769	0.655718	1.33316	1.33316	0.199683	2.3827	2.3827	0.658117	0.751728	-1.33027	0.0248298	1.180558	-5.53838	0.52592	0.662434	-1.50959	0.227886	0.444376	-2.25035	0.823673	0.866746	-1.15374	0.935104	1.05357	1.05357	1.45687	9.47482	5.78092	1
cg23369234	CACNA1C;CACNA1C;CACNA1C;CACNA1 C;CACNA1C;CACNA1C;CACNA1C;CACN A1C;CACNA1C;CACNA1C;CACNA1C	0.303405	0.278612	0.557593	-1.79342	0.308613	0.579038	-1.727	0.753267	1.17763	1.17763	0.389826	0.633234	-1.57919	0.0243247	0.248649	-4.02174	0.266918	0.54896	-1.82163	0.0834162	0.370229	-2.70103	0.740538	0.84172	-1.18804	0.410705	0.646493	-1.54681	1.45686	6.20337	3.78492	1
cg10635330	C6orf46	0.303407	0.626346	0.872555	-1.18736	0.861954	1.66281	1.66281	0.290326	1.468828	1.468828	0.198105	1.609731	1.609731	0.0917142	0.993611	-1.00039	0.197652	0.620742	-1.61097	0.182023	0.609101	-1.64176	0.0966148	0.528131	-1.89347	0.408232	1.34455	1.34455	1.45685	2.8264	1.72451	1
cg17554472	POLR3H;POLR3H;POLR3H	0.303407	0.968165	0.988018	-1.01162	0.722407	0.90193	-1.10873	0.121449	0.24559	-1.62559	0.211602	0.883311	-1.46346	0.209155	1.2156	1.2156	0.514974	1.21053	1.21053	0.0976131	0.590989	-1.69208	0.395254	0.777285	-1.28653	0.627284	1.867976	-1.15211	1.45685	1.93208	1.17885	1
cg13465554	GRM5;GRM5	0.303421	0.121899	0.666147	-1.50117	0.421766	0.819684	-1.21998	0.644941	0.893666	-1.11899	0.751302	0.925857	-1.08008	0.0462011	1.73919	1.73919	0.9497	1.0154	1.0154	0.487298	0.842829	-1.18648	0.306328	1.29254	1.29254	0.511388	1.17513	1.17513	1.45681	1.35447	0.826442	1
cg22435725	AADAC4	0.303424	0.978477	1.01068	1.01068	0.937007	0.948584	-1.01155	0.537065	0.590881	-1.77522	0.0511498	0.923972	-1.09652	0.22325	0.440512	-2.27099	0.649839	0.755462	-1.32366	0.0272594	0.202611	-4.93557	0.61309	0.737545	-1.3666	0.416534	0.600816	-1.66444	1.4568	8.68579	5.29976	1
cg00944777	MOAP1;C14orf109;C14orf109	0.303425	0.519813	0.839023	-1.19135	0.745331	1.09162	1.09162	0.076278	0.992034	-1.00803	0.479558	0.824203	-1.21329	0.480028	0.82438	-1.21303	0.779952	1.07825	1.07825	0.709015	1.1061	1.1061	0.0143669	2.25191	2.25191	0.0543836	1.22783	1.22783	1.4568	1.66948	1.01866	1
cg20142793	SEPT5;SEPT5	0.303438	0.449423	0.687212	-1.50668	0.154609	2.26247	2.26247	0.19814	2.0699	2.0699	0.73779	1.39516	1.39516	0.0627059	0.322537	-3.1001	0.42448	1.54914	1.54914	0.536794	1.34696	1.34696	0.179554	1.16052	1.16052	0.422828	0.646891	-1.54586	1.45958	6.53876	3.93143	1
cg00575312	HNRNPM;HNRNPM	0.303438	0.221246	0.762728	-1.38365	0.137189	1.49825	1.49825	0.232057	1.37234	1.37234	0.433684	0.872598	-1.22354	0.101027	1.60479	-1.57386	0.908934	1.02932	1.02932	0.340166	0.733024	-1.36421	0.68066	0.960766	-1.11017	0.835056	1.05407	1.05407	1.45676	1.47143	0.897842	1
cg09479512	SLC27A1	0.30344	0.773149	0.806084	-1.24057	0.0274836	0.69229	0.99229	0.0551956	0.5092	0.5092	0.85992	0.876614	-1.14075	0.86082	1.13984	1.13984	0.844212	1.15805	1.15805	0.315195	0.21691	2.16971	0.632739	1.43202	1.43202	0.819407	0.843192	-1.18597	1.45676	12.8343	7.83126	1
cg07890238	PPAP2A;NIN	0.30344	0.60056	0.813262	1.24865	0.0874972	0.67984	1.67984	0.0822078	0.909435	1.90958	0.281019	1.60362	1.60362	0.552222	0.553109	-1.80755	0.648424	0.824083	1.21347	0.570676	0.785419	-1.27321	0.810828	0.805545	-1.27284	0.352429	1.49678	1.49678	1.45675	4.09871	2.50097	1
cg16951566	WDR48	0.303441	0.614167	0.81987	-1.21971	0.567938	1.25298	1.25298	0.679348	1.17633	1.17633	0.686909	1.17153	1.17153	0.868256	0.937198	-1.06701	0.037452	0.389041	-2.57042	0.0884376	0.479797	-2.08422	0.346908	1.45998	1.45998	0.744666	1.13619	1.13619	1.45675	3.52186	2.14899	1
cg08476832	HMGA1	0.303445	0.171998	0.782482	-1.27823	0.0210731	0.621495	1.18002	0.734845	1.04726	1.04726	0.255057	0.552178	1.32183	0.0875284	0.894233	-1.07131	0.545531	0.805687	-1.24147	0.450587	0.715494	-1.39784	0.474906	0.853722	-1.17161	0.545384	1.12211	1.12211	1.45673	0.810173	0.494665	1
cg13929261	BLCAP;BLCAP;BLCAP;BLCAP	0.303453	0.191994	0.64081	1.60481	0.0649108	0.585005	-1.01518	0.76026	0.900481	-1.11051	0.68779	0.933795	-1.07128	0.382388	0.682943	1.46425	0.789267	0.912341	-1.09608	0.0357013	0.432945	-2.30976	0.810932	0.08554	1.08554	0.225867	1.54583	1.54583	1.45672	2.7061	1.65126	1
cg00164542	ELP2;SLC39A6;SLC39A6	0.303454	0.688788	0.887307	-1.12701	0.717456	0.897696	-1.11396	0.741267	0.906284	-1.10341	0.154355	1.57271	1.57271	0.453474	1.25457	1.25457	0.524639	1.21103	1.21103	0.0239573	0.449344	-2.22546	0.813166	0.932101	-1.07285	0.679796	0.884035	-1.13118	1.45671	2.03488	1.24169	1
cg24236096	TFF3	0.303455	0.528663	0.814954	-1.22796	0.623975	1.15083	-1.91989	0.633975	1.15083	1.15083	0.860815	1.15083	1.15083	0.860815	1.15083	1.15083	0.924719	-1.08151	0.923651	0.780055	0.710705	1.40744	0.459707	0.886948	-1.1534	0.880324	0.965414	-1.03582	1.45671	1.29326	0.768401	1
cg18486030	RASGEF1C	0.303457	0.669257	1.49798	1.49798	0.979495	0.994829	-1.0052	0.624892	1.10179	1.10179	0.307516	1.22371	1.22371	0.788434	0.948022	-1.05483	0.993038	1.00174	1.00174	0.369123	0.832437	-1.20129	0.242826	1.59216	1.59216	0.327715	1.22247	1.22247	1.45671	0.912044	0.556534	1
cg11993550	HLA-DRB1	0.303463	0.988887	1.01163	1.01163	0.766611	0.907488	-1.10247	0.930952	1.07465	1.07465	0.791753	1.10756	1.10756	0.791753	1.07465	1.07465	0.712706	0.944881	1.05907	0.545348	0.420028	2.38018	0.185996	0.604968	-1.65136	0.0867352	0.0978087	10.224	1.45685	0.0978087	0.0978087	1
cg26560785	RRM2B;RRM2B	0.303467	0.240397	0.92817	1.92817	0.614775	0.762568	-1.31136	0.409772	0.637437	-1.56878	0.911278	0.942198	-1.06135	0.928151	1.04936	1.04936	0.510936	1.42786	1.42786	0.36475	0.608061	-1.64457	0.0215479	0.228902	-4.36869	0.74863	1.18737	1.18737	1.45667	6.58273	4.01692	1
cg25838125	LEO1	0.303477	0.407265	1.23167	2.31637	0.358068	1.26151	1.26151	0.0579218	1.69373	1.69373	0.0609308	1.6487	1.6487	0.280072	1.31785	1.31785	0.144037	1.47078	1.47078	0.52981	0.855175	-1.16935	0.43331	1.21717	1.21717	0.221755	1.37119	1.37119	1.45664	1.39386	0.850578	1
cg13783725	VGLL2;VGLL2	0.30479	0.345957	1.37207	2.37207	0.156264	0.64326	1.56326	0.265984	2.76462	2.76462	0.0761515	0.990435	1.01054	0.0242644	0.372842	-2.68271	0.786332	1.26507	1.26507	0.361551	0.990435	1.01054	0.0242644	0.372842	-2.68271	0.786332	1.26507	1.26507	1.45664	0.662702	0.72461	1
cg26729372	EIF3	0.303481	0.641166	1.15627	1.15627	0.178482	1.55614	1.55614	0.0798588	1.82439	1.82439	0.688037	1.13299	1.13299	0.244423	0.686123	-1.45746	0.281718	0.707462	-1.4135	0.126856	1.66661	1.66661	0.688445	1.13279	1.13279	0.838477	0.938813	-1.06517	1.45663	2.20765	1.34718	1
cg05196298	FLCN2	0.303484	0.040406	0.311324	-3.21248	0.0208348	0.826508	-1.12157	0.874449	1.68312	1.68312	0.946326	1.22707	1.22707	0.93454	1.024722	-1.33847	0.82555	1.1778	1.1778	0.107284	0.842007	-1.42702	0.0618466	0.476791	1.46563	0.0198995	0.561091	-1.6101	0.152159	0.461274	-2.16795	0.548083	1.58203	1
cg02516125	SQRDL	0.303485	0.477067	0.385713	-2.5926	0.746424	1.53447	1.53447	0.957548	0.932258	-1.07266	0.383745	1.34433	1.34433	0.244239	0.611913	-1.63551	0.202141	0.0261922	-38.1793	0.698361	0.598603	-1.67056	0.829691	1.32823	1.32823	0.97427	1.04342	1.04342	1.45662	40.0582	24.4451	1
cg13220209	ICK;ICK	0.303493	0.277659	1.20566	1.20566	0.281629	0.830798	-1.20366	0.541674	0.902718	-1.10777	0.689193	1.06887	1.06887	0.463257	1.11166	1.11166	0.187585	1.26031	1.26031	0.0491917	0.689393	-1.45055	0.697625	0.937367	-1.06582	0.579214	1.09724	1.09724	1.4566	0.63312	0.386362	1
cg26105516	MTHFD1L;MTHFD1L	0.303493	0.260157	0.800144	1.24958	0.464287	1.14307	1.14307	0.384575	1.07502	1.07502	0.0104242	1.60727	1.60727	0.0104242	1.60727	1.60727	0.642461	1.09178	1.09178	0.0477111	0.653647	-1.52988	0.396089	1.1773	1.1773	0.725731	1.06839	1.06839	1.45658	1.83873	0.49458	1
cg04642741	SLC6A5	0.303503	0.124573	0.345863	-2.89132	0.275814	0.484889	-2.06233	0.252028	0.464759	-2.14687	0.837031	1.14055	1.14055	0.145866	0.633337	1.57894	0.0466763	0.23355	-4.28173	0.235601	0.452195	-2.21144	0.305933	1.96763	1.96763	0.843759	0.881622	-1.14347	1.45657	9.40471	5.73935	1
cg14693465	ISL2	0.303505	0.367653	1.30104	1.30104	0.560248	0.660725	1.51872	0.342426	1.12742	1.12742	0.446205	0.719531	1.38979	0.0921258	0.889958	-1.12403	0.0222	0.0261922	-38.1793	0.698361	0.598603	-1.67056	0.829691	1.32823	1.32823	0.97427	1.04342	1.04342	1.45662	40.0582	24.4451	1
cg20764033	RFC2;RFC2	0.303515	0.439317	0.617576	-1.61924	0.336136	0.545526	-1.83309	0.150566	0.39005	-2.56378	0.45674	0.629315	-1.58903	0.123383	0.360669	-2.77263	0.118212	0.354699	-2.81929	0.0993941	0.331662	-3.01512	0.255573	0.26522	2.06522	0.743506	0.818215	-1.22217	1.45653	8.61286	5.25625	1
cg07482870	SLC39A7;SLC39A7;RXRB	0.303519	0.960188	0.978165	-1.02232	0.0862519	2.31228	2.31228	0.0602469	2.55295	2.55295	0.596048	0.789306	-1.26694	0.162517	0.517151	-1.93367	0.741844	1.15742	1.15742	0.325004	0.940489	1.03357	0.103357	0.893717	1.0609	1.0609	1.0609	1.0609	1.45652	4.51184	2.7535	1
cg20937750	H2F1	0.303524	0.217017	0.799165	1.25102	0.0621465	0.842609	-1.18611	0.0744768	0.703376	-1.42147	0.0433376	0.474907	-2.10536	0.0972769	0.560569	-1.78436	0.102344	0.40499	-2.46913	0.0165225	0.0959502	-10.4248	0.0267116	0.0127716	-1.4698	0.0127716	0.0127716	0.0127716	0.0127716	0.0127716	0.0127716	0.0127716	0.0127716	0.0127716	1.45653	1.1465	0.0127716	1
cg14002754	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.303526	0.363447	2.09627	2.09627	0.0910716	4.37091	4.37091	0.0391093	6.63348	6.63348	0.438076	1.87166	1.87166	0.427705	0.526394	-1.89972	0.157434	3.31362	3.31362	0.450101	1.84018	1.84018	0.299138	2.34617	2.34617	0.621697	1.48314	1.48314	1.4565	14.4866	8.84106	1
cg13676902	ZMIZ1	0.303528	0.128115	3.51218	3.51218	0.850139	1.15541	1.15541	0.908548	1.09173	1.09173	0.600648	1.49688	1.49688	0.205334	2.77455	2.77455	0.554667	1.57836	1.57836	0.104848	3.87153	3.87153	0.0744681	4.56184	4.56184	0.0542128	5.30478	5.30478	1.45649	13.4547	8.21134	1
cg01283100	LMK2;LMK2;LMK2	0.30353	0.141627	0.277555	-3.60363	0.329091	0.441387	1.054339	0.916369	1.08892	1.08892	0.305723	0.443109	-2.25579	0.169319	0.305	-3.27869	0.284916	0.405752	-2.46456	0.0135455	0.133482	-7.49165	0.0705323	0.323066	1.32366	0.179606	0.314573	-3.17892	1.45649	15.1756	9.25916	1
cg01159032	LRIC3;TB	0.303536	0.451941	0.645216	-1.54987	0.119417	2.62791	2.62791	0.0162328	2.74192	2.74192	0.457338	1.62638	1.62638	0.142894	0.406429	-2.46045	0.916718	0.941947	-1.06163	0.285087	1.88674	1.88674	0.467414	1.52622	1.52622	0.70173	0.802499	1.24651	1.45647	7.54119	4.60242	1
cg19330197	SIPA1L2	0.303539	0.158998	2.92616	2.92616	0.896322	0.911204	-1.09745	0.517489	1.59685	1.59685	0.0264796	0.153112	-6.53191	0.759716	1.24459	1.24459	0.315209	2.09746	2.09746	0.898372	0.912892	-1.09542	0.622851	1.42414	1.42414	0.714694	1.29935	1.29935	1.45646	11.7349	7.16191	1
cg02127460	PPFIA1;PPFIA1	0.303543	0.810803	1.23495	1.23495	0.710664	0.864525	-1.17312	0.688592	1.15442	1.15442	0.163551	1.19436	1.19436	0.0625287	0.837511	-1.19407	0.124336	1.21977	1.21977	0.1344	1.10464	1.10464	0.0842	0.231592	1.59981	1.59981	0.0636564	1.23207	1.23207	1.45645	2.20658	1.34097	1
cg19605198	TRIM25	0.303549	0.903403	0.975	-1.02564	0.284006	0.792873	-1.26124	0.62534	1.10807	1.10807	0.128515	1.40859	1.40859	0.181163	0.743762	-1.34452	0.181419	0.743907	-1.34425	0.141495	0.719151	-1.39053	0.239741	0.773598	-1.29266	0.487383	0.863179	-1.15851	1.45643	1.00301	0.612159	1
cg05401670	SHANK2;SHANK2	0.303553	0.215184	0.594847	-1.6811	0.828265	1.09015	1.09015	0.799683	1.1081	1.1081	0.750793	0.885057	-1.12987	0.0403203	0.390924	-2.56014	0.702079	0.858108	-1.1652	0.0991553	0.203091	0.219491	0.224061	1.22061	1.22061	0.705559	0.859734	-1.16315	1.45642	3.65669	2.23177	1
cg08531263	ZNF468;ZNF468	0.303556	0.72598	1.07614	1.07614	0.810645	0.810949	-1.23312	0.0912713	1.4738	1.4738	0.0752078	0.595958	1.56552	1.56552	0.224373	-4.45693	0.706144	1.08219	1.08219	0.762706	0.943978	-1.05935	0.792334	1.05657	1.05657	0.484487	1.15909	1.15909	1.45636	1.00206	0.612204	1
cg08607063	BTBD12	0.303557	0.194768	0.509734	-1.96181	0.594092	1.30249	1.30249	0.0840201	0.390902	-2.55819	0.912603	0.947487	-1.05542	0.108473	0.423057	-2.36374	0.105198	0.419041	-2.3864	0.87393	0.924951	-1.08114	0.371693	1.56931	1.56931	0.890153	0.93436	-1.07025	1.45637	5.56786	3.39831	1
cg25679979	KIT;SLK;KITLG	0.303557	0.873533	1.06205	1.06205	0.913601	0.915268	1.03068	0.946	1.18946	1.18946	0.282004	0.552304	-1.59149	0.439173	1.39324	1.39324	0.0527	0.628342	-1.59149	0.439173	1.39324	1.39324	0.0527	0.628342	-1.59149	0.439173	1.39324	1.39324	0.0527	0.628342	-1.59149	0.439173	1.39324	1.39324	0.0527	1.45637	1.62214	1.62214	0.470402	2.4871	1
cg20206319	WDR52;WDR52	0.303572	0.712659	0.898246	-1.11328	0.446717	0.798523	-1.25231	0.314608	0.739578	-1.35212	0.580293	1.19827	1.19827	0.192232	0.670036	-1.49246	0.773016	1.10443	1.10443	0.0612579	1.84374	1.84374	0.159444	0.643017	-1.55517	0.642109	1.45443	1.45443	1.45636	3.94116	1.18479	1
cg05462826	ABI2	0.303578	0.160495	1.07145	1.07145	0.724214	0.91502	1.10002	0.733485	1.10708	1.10708	0.808866	0.949504	-1.05318	0.464486	0.837547	-1.17169	0.234295	1.34549	1.34549	0.618663	0.898265	-1.11326	0.725051	0.927276	-1.07843	0.806954	1.05374	1.05374	1.45634	1.05047	0.622004	1
cg22142254	APBA2;APBA2	0.30358	0.471941	0.678602	-1.47362	0.0138457	0.199547	-5.01135	0.396984	0.631535	-1.58344	0.697286	1.23015	1.23015	0.34596	0.59791	-1.67249	0.221054	0.505771	-1.97718	0.566947	0.735891	-1.3589	0.752978	0.845946	-1.18211	0.728132	1.20312	1.20312	1.45633	4.47654	3.95303	1
cg18417201	SUMF1;SUMF1;SUMF1	0.303582	0.581269	0.9134	-1.09481	0.0386421	1.47619	1.47619	0.357135	1.16649	1.16649	0.346457	0.853614	-1.17149	0.390384	0.866793	-1.15368	0.280724	0.833336	-1.2	0.373932	1.15999	1.15999	0.631262	1.08181	1.08181	0.716453	0.942413	-1.06111	1.45633	0.609863	0.372237	1
cg24627419	C1orf61	0.303582	0.170542	0.786472	1.27209	0.377944	1.348	1.348	0.0414158	1.64358	1.64358	0.0557361	0.884237	-1.13074	0.354514	0.808752	-1.23694	0.0384727	0.304054	3.28945	0.0114014	0.332151	-3.01068	0.0146653	0.227207	-4.68311	0.0786268	0.841813	-1.18791	1.45633	9.25805	5.65077	1
cg07781399	CCND1	0.303585	0.123563	0.542968	-1.84173	0.29173	0.669963	-1.49262	0.278088	0.661702	-1.51125	0.462442	0.760433	-1.31504	0.864523	1.06452	1.06452	0.121263	1.84984	1.84984	0.111598	0.534588	-1.8706	0.356766	0.706793	-1.41484	0.780761	1.10755	1.10755	1.45632	3.09176	1.8871	1
cg15830885	UBE2B	0.303587	0.652635	1.55947	1.55947	0.841358	1.20313	1.20313	0.565559	0.585117	-1.70906	0.534307	1.81378	1.81378	0.485542	0.52	-1.92308	0.225558	0.309004	-3.2362	0.0434293	0.241027	1.60313	1.60313	0.208189	1.40219	0.540219	0.659576	1.40219	1.45632	0.691891	0.41871	1
cg19950933	SCARB1;SCARB1	0.303587	0.288875	1.3079	1.3079	0.0282663	1.88034	1.88034	0.153173	1.45199	1.45199	0.487291	0.841925	-1.18775	0.804244	0.953174	-1.04913	0.600082	1.87899	1.87899	0.13767	0.688003	0.90627	-1.10342	0.341582	1.26988	1.26988	0.757252	1.07852	1.07852	1.45631	1.371	0.836819	1
cg04677295	TM95F2	0.30359	0.612895	0.836651	-1.19524	0.796578	0.913656	-1.0945	0.581766	1.21466	1.21466	0.0490701	0.455946	-2.19324	0.164445	1.67955	1.67955	0.54402	1.23946	1.23946	0.303436	1.45151	1.45151	0.9528	0.979521	-1.02091	0.191906	1.62077	1.62077	1.45631	2.81844	1.7203	1
cg13563119

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg13467550	PIKfYve;PIKfYve;PIKfYve;PIKfYve;PIKfYve	0.3039	0.074284	0.637111	0.56958	1.698527	1.09223	1.09223	0.0743805	0.637229	1.5603	0.306276	1.27137	1.257137	0.453739	0.841144	-1.18886	0.881137	1.00537	1.00537	0.6746611	1.1042	1.1042	0.6905217	1.11394	1.122058	0.747592	1.13763	1.18432	0.723336	1
cg00245635	HS3ST6	0.303901	0.588385	0.795596	-1.25692	3.915589	1.439	1.4439	0.940342	1.03182	1.03182	0.0613991	2.41566	2.415566	0.675554	0.838486	-1.19263	0.49711	0.749371	-1.33445	0.0571709	0.406353	-2.46092	0.549436	0.776098	-1.2885	0.958248	1.02215	1.02215	1.45537	4.03695	2.46562	1
cg10936763	CDKN1A;CDKN1A	0.303903	0.793347	0.941721	-1.06189	0.424702	0.829891	-1.20498	0.386216	0.816147	-1.22527	0.282075	0.774402	-1.29132	0.626733	0.893961	-1.11862	0.953101	0.986638	-1.01354	0.00902228	0.468026	-2.13663	0.775624	0.936731	-1.06754	0.824668	0.950518	-1.05206	1.45537	1.20575	0.736427	1
cg13991635	FNIP1;FNIP1	0.303903	0.112915	0.570637	-1.75243	0.478735	0.79125	-1.26382	0.854549	1.06148	1.06148	0.598736	0.841433	-1.18845	0.376069	0.74427	-1.3436	0.874009	1.05295	1.05295	0.0194653	0.39918	-2.50513	0.56464	1.20842	1.20842	0.552119	0.82236	-1.21601	1.45537	2.43667	1.48823	1
cg23920917	CPSF6	0.303906	0.452854	0.844276	-1.18445	0.153341	0.712886	-1.40275	0.445861	0.84131	-1.18862	0.0473059	0.6526	1.6526	0.356301	0.763671	1.22954	1.22954	0.78307	0.940738	-1.063	0.851608	1.04232	0.373123	1.22432	1.22432	0.39516	2.1216	1.2126	1.45536	1.12936	0.68978	1
cg15996181	LOC151174;LOC151174	0.303907	0.326966	0.604514	-1.65422	0.14201	0.45603	-2.19284	0.485705	1.42239	1.42239	0.739929	0.847308	-1.18021	0.194783	0.500527	-1.97814	0.397492	0.649918	-1.53866	0.149373	0.46053	-2.17545	0.112408	2.36227	2.36227	0.726114	0.899521	-1.19116	1.45536	5.70215	3.48271	1
cg26458270	XRCC1	0.303909	0.0824288	1.9864	1.9864	0.050278	2.21698	2.21698	0.208456	1.60493	1.60493	0.52134	0.793031	-1.26099	0.545168	0.803762	-1.24415	0.963992	1.01624	1.01624	0.482408	0.775148	-1.29008	0.921169	0.965302	-1.03594	0.943311	1.0257	1.0257	1.45535	2.93165	1.79179	1
cg05766539	EIF2	0.303914	0.962926	1.02828	1.01978	0.967743	0.589437	-1.10108	0.125969	0.544919	-1.83514	0.602951	1.21205	1.21205	0.0584115	0.456733	-2.19256	0.956003	1.02019	1.02019	0.3904483	1.3805	1.3805	0.334191	1.57913	1.57913	0.429994	1.34341	1.34341	1.45534	3.09525	1.88061	1
cg28230140	DNAH8;DNAH8 WHSC1;WHSC1;WHSC1;SCARNA22;WH	0.303916	0.0955646	1.61799	1.567743	0.598437	-1.01068	0.552703	0.854085	-1.17084	0.830469	1.06761	1.06761	0.805467	1.04848	1.04848	0.130559	1.53537	1.53537	0.980942	1.00361	1.00361	0.584685	1.15597	1.15597	1.06106	0.574458	1.74077	1.45533	1.58949	0.970833	1
cg18077632	SC1	0.303917	0.632763	0.900603	-1.11037	0.701197	1.08746	1.08746	0.404236	0.830607	-1.20394	0.869327	1.03645	1.03645	0.113132	0.687319	-1.45493	0.124153	1.43631	1.43631	0.117148	0.690643	-1.44793	0.523925	0.868964	-1.15079	0.175977	0.731328	-1.36737	1.45533	1.09001	0.665761	1
cg03063185	SNX14;SNX14	0.303928	0.0536725	1.55071	1.55071	0.86096	1.03573	1.03573	0.250313	1.27193	1.27193	0.0755524	1.48602	1.48602	0.413247	0.845788	-1.18233	0.592735	1.14117	1.11417	0.350346	0.824914	-1.21225	0.6937	1.08248	1.08248	0.954646	0.988677	-1.01145	1.45529	0.924058	0.564411	1
cg06758320	CDS1;CDS1	0.303933	0.324089	0.851382	-1.17496	0.263116	0.815571	1.2024	0.319881	0.8501027	-1.17632	0.449771	0.885435	-1.12939	0.557185	1.09834	1.09834	0.209692	1.28504	1.28504	0.0158994	0.2662	-1.23974	0.321496	1.30084	1.30084	0.458935	0.887684	-1.12653	1.45528	0.575294	0.351391	1
cg01196079	PRDM16;PRDM16	0.3094	0.7441	0.894696	-1.1177	0.127415	1.75062	1.75062	0.79283	0.914466	-1.09353	0.698679	1.14127	1.14127	0.900972	1.0432	1.0432	0.0537352	2.10448	2.10448	0.0431217	2.20446	-2.20446	0.800654	1.08975	1.08975	0.48962	1.26925	1.26925	1.45526	2.65974	1.6246	1
cg18704869	ASPG	0.303944	0.887627	0.958219	-1.0436	0.0194317	2.36468	2.36468	0.230451	1.46193	1.46193	0.432572	1.27362	1.27362	0.821398	0.934025	-1.07064	0.18771	1.52413	1.52413	0.416649	1.28477	1.28477	0.440689	1.26788	1.26788	0.60746	0.855211	-1.1693	1.45525	2.10004	1.28274	1
cg00643123	RASGEF1A	0.303944	0.330341	1.57547	1.57547	0.870823	0.932876	-1.07195	0.604138	1.29228	-1.26704	0.360165	1.53069	1.53069	0.174903	1.92381	1.92381	0.189955	1.87424	1.87424	0.025201	3.33527	3.33527	0.233453	1.75749	1.75749	0.663342	1.21921	1.21921	1.45525	4.71969	2.88287	1
cg05425877	FAM83H	0.303963	0.763106	0.802203	-1.24657	0.107531	0.59882	1.59882	0.337351	2.05682	2.05682	0.0935094	3.83783	3.83783	0.473755	0.587893	-1.70099	0.22381	0.393851	-2.53903	0.9129	0.923325	-1.08304	0.205262	2.64954	2.64954	0.462274	1.72562	1.72562	1.45519	12.2512	7.48356	1
cg19612348	CABC1	0.303975	0.181794	0.724702	-3.59543	0.193849	0.364799	-3.77664	0.615902	0.633286	-1.63056	0.518693	0.531331	-1.88214	0.0726886	0.444351	-6.92755	0.41471	0.446684	-2.23872	0.0941055	0.168779	-5.92496	0.102797	0.178115	-5.61434	0.499613	1.93946	1.93946	1.45515	21.5331	13.1536	1
cg08995668	ATG7;ATG7;ATG7	0.303979	0.231749	0.897822	-1.11381	0.257956	0.903534	-1.10677	0.245402	0.901721	-1.10899	0.504077	1.06053	1.06053	0.787723	1.02346	1.02346	0.406851	1.07564	1.07564	0.395001	1.07774	1.07774	0.0992807	0.856179	-1.16798	0.241201	1.11119	1.11119	1.45514	0.1703191	0.103963	1
ch.3.9481918	FYCO1	0.303983	0.157712	0.271909	-3.6777	0.0648771	0.167418	-5.97306	0.0853577	0.194059	-5.15306	0.218973	0.328073	-3.0481	0.0673916	0.17087	-5.85239	0.763712	0.771127	-1.2968	0.211721	0.322581	-3.1	0.563419	0.604373	-1.65461	0.516269	0.567008	-1.76364	1.45513	17.1273	10.4625	1
cg17385448	AGMAT	0.303984	0.0490273	0.356026	-2.80542	0.07959	1.0719	1.0719	0.555334	0.778855	0.778855	-1.31831	0.575669	0.771615	-1.29659	0.0800208	0.541662	-2.43628	0.880372	0.93229	-1.07548	0.146991	0.483913	-2.06649	0.0902764	0.840442	-2.35126	0.41706	0.683717	-1.46259	0.45513	4.84941	2.95868	1
cg21607700	C6orf176	0.303985	0.166	3.68248	3.68248	0.792426	1.26207	1.26207	0.210472	0.312075	-3.20436	0.352717	0.244858	2.44858	0.666103	1.46684	1.46684	0.758046	1.31348	1.31348	0.232628	3.01796	3.01796	0.0987382	4.94125	4.94125	0.079358	5.57717	5.57717	1.45512	17.9479	10.9638	1
cg24868098	STRN4;STRN4;FKRP;FKRP	0.303985	0.0496	1.95798	1.75951	0.264458	0.934879	-1.06956	0.602925	1.26229	-1.26299	0.241227	1.26299	1.26299	0.0955197	1.44394	1.44394	0.153007	1.08	1.08	0.0218594	2.52622	2.52622	0.153622	0.911216	1.59724	1.59724	0.45122	2.27801	1.42289	1
cg13321661	INADL	0.303987	0.353101	0.708307	-1.41182	0.114495	0.538157	-1.85819	0.128319	0.552471	-1.81004	0.437722	1.33073	1.33073	0.26081	0.618436	-1.61698	0.379943	0.722201	-1.38466	0.265999	1.51946	1.51946	0.439751	1.32899	1.32899	0.8246	1.08342	1.08342	1.45512	3.00247	1.83413	1
cg03004524	GRIP1	0.303990	0.138461	1.79374	1.79374	0.627763	1.19602	1.19602	0.592996	0.820661	-1.21853	0.619384	1.20134	1.20134	0.203098	0.611287	-1.63589	0.669315	2.10516	2.10516	0.302734	0.627632	-1.47859	0.856192	0.935705	-1.06871	0.424285	0.741607	-1.34842	1.45511	3.09276	1.88929	1
cg16807911	CDK4	0.303991	0.0825705	0.50374	-1.98515	0.451377	1.10123	1.10123	0.823962	1.08166	1.08136	7	7	7	0.379898	1.72305	-1.37353	0.159323	1.7046	1.7046	0.191764	1.6271	1.6271	0.849528	1.06885	1.06885	0.439631	1.31979	1.31979	1.45509	2.54221	1.48554	1
cg12591377	KRT27	0.303995	0.10392	0.571353	-1.75023	0.445119	0.782668	-1.27768	0.0280697	0.441876	-2.26308	0.736628	0.899187	-1.11212	0.892609	1.04344	1.04344	0.906298	1.03777	1.03777	0.463993	1.26445	1.26445	0.436721	0.778977	-1.28373	0.51675	1.22992	1.22992	1.45509	2.28392	1.39521	1
cg24231380	C2orf85	0.303996	0.949856	1.05202	-1.02427	0.218004	0.66999	1.66999	0.223586	1.60261	1.60261	0.65082	1.4018	1.4018	0.141326	0.713218	-1.40233	0.728359	1.27095	1.27095	0.307192	0.78738	-1.27025	0.440359	0.748373	-1.33635	0.168243	0.635989	1.1994	1.1994	1.45515	2.53121	1.53156	1
cg08995668	LYPLAL1	0.304008	0.676005	1.11984	1.11984	0.784317	1.07668	1.07668	0.0838206	1.60439	-1.65455	0.492267	1.20661	1.20661	0.161473	1.49579	1.49579	0.643976	1.13351	1.13351	0.371124	0.788906	-1.28056	0.931485	1.02343	1.02343	0.9754	1.70414	1.70414	1.45505	1.67112	1.02088	1
cg11209521	GNG12	0.304015	0.158492	0.604478	-1.65432	0.103732	0.54977	-1.81894	0.0467851	0.467592	-2.13862	0.577742	0.826783	-1.20659	0.47211	1.27665	1.27665	0.252479	0.670876	-1.49059	0.302719	0.700112	-1.42834	0.317982	0.70844	-1.41155	0.271963	0.682584	-1.46502	1.45503	2.56984	1.56913	1
cg16442501	CCDC75	0.304016	0.612804	0.912882	-1.09542	0.327396	1.12796	1.12796	0.361521	1.27783	-1.27956	0.362783	1.27783	1.27783	-1.27922	0.267183	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1.28473	1
cg00433364	LOC100185893 LOC729991-MEF2B;LOC729991-	0.30402	0.0746149	0.349142	-2.98584	0.330689	0.57532	-1.73816	0.932834	1.5048	1.05408	0.0960473	0.36542	-2.73657	0.173331	0.45024	-2.22104	0.238489	0.506611	-1.9739	0.0764015	0.337712	-2.9611	0.19445	0.469526	-2.12981	0.30513	0.55717	-1.79478	1.45502	6.99077	4.27075	1
cg26152485	MEF2B;MEF2B;LOC729991-MEF2B	0.304024	0.225411	0.711842	-1.40481	0.334739	1.3042	1.3042	0.632536	1.13725	1.13725	0.999631	0.999877	-1.00012	0.375891	0.784575	-1.27458	0.54876	1.17584	1.17584	0.127289	0.643877	-1.55309	0.0780121	0.59286	-1.68674	0.355591	1.28878	1.28878	1.45501	1.64247	1.00341	1
cg17355765	HS6ST2;HS6ST2	0.304037	0.131158	0.331969	-3.01233	0.598118	1.43317	1.43317	0.58737	1.4491	1.4491	0.0512834	4.48865	4.48865	0.643726	1.6323	1.6323	0.18429	0.385045	-2.59306	0.931561	0.943542	-1.05984	0.543476	0.65963	-1.516	0.90546	0.92276	-1.08371	1.45497	10.5484	6.44435	1
cg00246120	CCNY;LOC9115	0.304038	0.4857053	1.12966	1.12966	0.515645	1.17217	1.17217	0.30344	1.17885	1.17885	0.820317	1.3864497	1.3864497	0.0225722	2.16227	2.16227	0.0695895	2.05107	2.05107	0.0225722	2.16227	2.16227	0.0225722	2.16227	2.16227	0.0225722	2.16227	2.16227	1.45497	1.26945	0.835468	1
cg01112641	ZDHHC14;ZDHHC14	0.304048	0.881955	0.977681	-1.02283	0.0546081	1.39266	1.39266	0.677411	0.938426	-1.06561	0.432424	0.885408	-1.12942	0.896384	1.01987	1.01987	0.56137	0.914651	-1.09331	0.0598923	0.724338	-1.38057	0.604672	0.92373	-1.08257	0.495478	1.11087	1.11087	1.45493	0.531762	0.324879	1
cg02085428	RUNX3;RUNX3	0.304051	0.102115	0.564612	-1.77103	0.0599292	1.32277	1.32277	0.196381	0.756992	-1.32122	0.196381	1.17224	1.17224	0.853804	1.12724	1.12724	0.313604	0.973631	0.973631	0.973631	0.973631	0.973631	0.973631	0.973631	0.973631	0.973631	0.973631	0.973631	1.45493	0.973631	0.973631	0.973631	0.973631	0.973631	0.973631	1
cg14832432	TSNARE1	0.30405	0.866913	0.879864	-1.13654	0.191051	0.87607	1.87607	0.0656734	0.83681	1.83681	0.784466	1.2327	1.2327	0.25245	0.401461	2.4909	0.872032	1.3309	1.3309	0.939282	1.05986	1.05986	0.104673	2.58375	-3.87034	0.684449	0.719806	-1.38926	1.45493	13.4182	8.19784	1
cg08819120	RAK2	0.30405	0.447565	0.797139	-1.25449	0.698073	0.892419	-1.12055	0.300726	1.36901	1.36901	0.262844	0.710397	-1.40766	0.226873	0.689612	-1.45009	0.255123	1.41624	1.41624	0.107748	1.67213	1.67213	0.263075	1.40741	1.40741	0.424726	1.2697	1.2697	1.45493	1.97693	1.20781	1
cg00485283	TMEM95	0.304051	0.1863189	0.52012	-1.92307	0.0139234	1.21771	1.21771	0.0985821	1.00659	1.00659	0.0107455	1.21771	1.21771	0.0985821	1.00659	1.00659	0.0107455	1.37953	1.37953	0.0107455	1.00659	1.00659	0.0107455	1.00659	1.00659	0.0107455	1.00659	1.00659	1.45493	0.0107455	1.00659	0.0107455	1.00659	0.0107455	1.00659	1
cg10508696	SNRP92;SNRP92	0.304052	0.434704	0.871173	-1.14788	0.660599	1.07945	1.07945	0.771667	1.05164	1.05164	0.0390967	1.51161	1.51161	0.681734	1.03627	1.39627	0.655853	0.925324	-1.0807	0.424206	0.868297	-1.15168	0.969382	1.00666	1.00666	0.63748	0.921153	-1.0856	1.45492	0.689807	0.421494	1
cg00509747	LOC151162;MGAT5	0.304065	0.871357	0.964565	-1.03705	0.547574	1.16627	1.16627	0.160542	1.26313	1.1318	0.740106	1.08136	1.08136	7	7	0.379898	1.72305	1.72305	1.72305	0.0194344	1.63125	1.63125	0.0194344	1.63125	1.63125	0.0194344	1.63125	1.63125	1.45492	0.0194344	1.63125	0.0194344	1.63125	0.0194344	1.63125	1
cg10754935	FBXL15	0.304066	0.0689861	0.465318	-2.14907	0.242023	1.58464	1.58464	0.672699	1.17321	1.17321	0.226646	1.61162	1.61162	0.861673	1.06776	1.06776	0.220531	0.616173	-1.62292	0.173123	0.579861	-1.72455	0.964643	1.0168	1.0168	0.880309	0.944928	-1.05828	1.4549	3.2567	1.98972	1
cg14227125	RGPD8;RGPD5	0.304067	0.323232	3.17128	3.17128	0.170035	0.191508	-5.22172	0.179545	0.2016	-4.96055	0.210564	0.32731	-3.05556	0.154124	0.648731	-1.54196	0.0659404	0.0960447	-10.4132	0.0010951	0.0139	-71.9595	0.0095758	0.0139	-71.9595	0.0095758	0.0139	-71.9595	1.4549	0.0139	-71.9595	0.0095758	0.0139	-71.9595	0.0095758	1
cg03507429	KLHDC7A	0.304068	0.767817	0.889593	-1.12455	0.158052	0.501062	-1.99576	0.125402	0.359226	-2.78354	0.0552421	0.519226	-1.92594	0.823841	0.943175	-1.06025	0.0754472	0.457454	-2.18601	0.0275934	0.343175	-2.91359	0.0505581	0.804222	-1.24344	0.303159	0.656304	-1.52368	1.4548	3.59815	2.19837	1
cg10892866	PYGO2;PYGO2	0.304075	0.614126	1.24495	1.24495	0.717284	0.854954	-1.16965	0.445016	0.714958	-1.39868	0.557107	1.29164	1.29164	0.0854075	0.440662	-2.26931	0.0609772	0.402494	-2.48451	0.835922	1.09349	1.09349	0.453197	0.719423	-1.39	0.223572	1.73511	1.73511	1.45485	4.27933	2.61459	1
cg06532895	CACNA1A;CACNA1A	0.304083	0.80635	1.18441	1.18441	0.632604	0.583013	-1.71503	0.0539682	0.53814	0.23814	0.0894566	1.01245	1.01245	0.0894566	1.01245	1.01245	0.852604	1.11511	1.11511	0.359267	1.89611	1.89611	0.791874	1.19663	1.19663	0.807396	1.84701	1.18052	1.45483	0.16153	0.49585	1
cg10819800	MPV17L2	0.304087	0.876288	0.962964	-1.03846	0.646644	1.899736	-1.11144	0.931032	1.02119	1.02119	0.676718	0.903413	-1.10691	0.220086	1.36663	1.36663	0.807292	1.06249	1.06249	0.0344349	0.550142	-1.81771	0.177884	1.76029	-1.41457	0.31266	1.28788	1.28788	1.45482	1.35212	0.826138	1
cg19090128	MYL4;MYL4;MYL4;MYL6	0.304089	0.270068	1.44326	1.44326	0.983542	1.38359	1.38359	0.935976	1.02599	1.02599	0.6828	1.14027	1.14027	0.110826	0.573506	-1.74366	0.352035	1.35789	1.35789	0.464941	1.2545	1.2545	0.455231	1.28961	1.28961	0.0865945	0.546119	-1.83104	1.45478	0.825171	1.44982	1
cg06393300	DSE;TSPYL1;TSPYL1	0.304099	0.0939769	0.54518	-1.83417	0.0326042	0.992567	-1.00749	0.0134772	0.763192	-1.31373	0.381206	0.620361	-1.61204	0.0331684	0.626135	-1.5755	0.673161	1.25299	1.25299	0.0974054	1.32754	1.32754	0.626258	0.889585	-1.12412	0.928195	0.953216	-1.04908	1.45478	0.511	0.37929	1
cg22139500	LRIC1	0.304112	0.237091	0.834137	-1.19884	0.143039	0.75295	-1.32811	0.259518	1.25918	0.37979	0.144104	0.65743	1.14105	0.8783	1.02269	1.02269	0.0307132	0.967243	-1.03392	0.0196564	0.563043	1.08918	1.08918	0.0357165	0.842317	-1.1872	0.618034	1.07638	1.07638	1.45474	0.493912	0.301794	1
cg26522213	MDN1	0.304113	0.731639	1.07295	1.07295	0.945387	1.25925	1.25925	0.0494	1.06254	1.06254	0.488414	1.1256	1.1256	0.458443	1.08198	1.08198	0.0666646	1.19744	1.19744	0.0273318	1.38355	1.38355	0.0273318	1.38355	1.38355	0.0273318	1.38355	1.38355	1.45474	0.0273318	1.38355	0.0273318	1.38355	0.0273318	1.38355	1
cg08192143	NXN	0.304118	0.34617	1.39854	1.39854	0.0954069	1.88402	1.88402	0.144956	1.71813	1.71813	0.059531	1.88178	1.88178	0.19653	0.623667	-1.60342	0.479626	1.28206	1.28206	0.356184	1.38836	1.38836	0.822711	1.08068	1.08068	0.863361	0.942183	-1.06137	1.45473	2.75423	1.68293	1
cg12624274	DOK6	0.304174	0.0095314	0.48726	0.89176	0.992316	0.990888	-1.00919	0.773287	1.30758	1.30758	0.941541	0.932693	-1.07216	0.208808	0.284001	-3.52122	0.501175	0.770528	-1.29781	0.334284	0.897209	1.11469	1.11469	0.0350103	2.85425	0.861479	0.737013	-1.35628	1.45471	20.7964	12.7075	1
cg26167708	MUC20;MUC20	0.304207	0.252601	0.633638	-1.57819	0.425998	0.733172	-1.36394	0.984943	0.992821	-1.00723	0.318671	1.48218	1.48218	0.107545	0.331492	3.01667	0.920013	0.924667	-1.08147	0.0897387	0.517663	1.57663	0.650601	1.493	1.493	0.564	0.598899	-1.66973	1.45468	17.8005	10.877	1
cg15220915	PQLC1;PQLC1;PQLC1	0.304133	0.798522	1.25212	1.25212	0.052118	6.9724	6.9724	0.0981651	4.92593	4.92593	0.760813	0.764638	-1.30781	0.668988	0.685201	-1.45943	0.929013	0.924667	-1.08147	0.0897387	5.17663	5.17663	0.650601	1.493	1.493	0.564	0.598899	-1.66973	1.45468	17.8005	10.877	1
cg03441638	MKI67IP	0.304134	0.5841	1.18144	1.18144	0.632604	0.583013	-1.71503	0.0539682	0.53814	0.23814	0.0894566	1.01245	1.01245	0.0894566	1.01245	1.01245	0.852604	1.11511	1.11511	0.359267	1.89611	1.89611	0.791874	1.19663	1.19663	0.807396	1.84701	1.18052	1.45483	0.16153	0.49585	1
cg23706497	OTX2;OTX2;OTX2	0.304139	0.108065	0.406913	-2.45753	0.0744434	0.360864	-2.77112	0.0417021	0.299987	-3.33348	0.724274	1.19918	1.19918	0.395073	0.639741	1.56313	0.346203	0.680506	-1.64458	0.270717	0.555184	-1.80055	0.553058	0.735108	-1.36034	0.360649	0.617582	-1.61922	1.45466	6.0592	3.70255	1
cg09993814	BLCAP;BLCAP;BLCAP;BLCAP	0.304147	0.305427	0.773413	0.945035	0.749434	1.31138	1.31138	0.0454564	0.760217	1.31711	0.0155238	1.97403	1.97403	0.0155238	1.97403	1.97403	0.113604	0.576563	-1.73985	0.0147457	0.564642	-1.77103	0.0154456	0.715446	-1.39786	0.0146196	0.580617	-1.72238	1.45466	6.64273	4.08248	1
cg14582298	ZEB1;ZEB1;ZEB1;ZEB1;ZEB1;ZEB	0.304141	0.763253	1.05175	1.05175	0.586727	1.09601	1.09601	0.248636	1.22315	1.22315	0.373505	1.16484	1.16484	0.387658	1.15939	1.15939	0.0420488	0.676189	-1.47888	0.308549	0.83859	-1.19248	0.667249	0.930305	-1.07492	0.365875	0.856267	-1.16786	1.45465	1.64273	0.392755	1
cg07818949	SHC1;SHC1;SHC1;SHC1	0.304152	0.19219	0.582478	-1.7168	0.0393181	0.393327	-2.54242	0.26489	0.637101	-1.56961	0.496994	0.763384	-1.30996	0.535947	0.782394	-1.27813	0.148006	0.544656	-1.83602	0.146741	0.543472	-1.84002	0.504934	1.30328	1.30328	0.261626	0.632348	-1.58141	1.45462	3.53137	2.15795	1
cg00907756	FGFR3;FGFR3;FGFR3	0.304159	0.34774	1.37303	1.37303	0.475258	0.675705	-1.48005	0.0454926	0.738414	1.35486	0.0850577	1.48509	1.48509	0.0850577	1.48509	1.48509	0.338553	1.42047	1.42047	0.0850577	1.48509	1.48509	0.0850577	1.48509	1.48509	0.0850577	1.48509	1.48509	1.45462	0.0850577	1.48509	0.0850577	1.48509	0.0850577	1.48509	1
cg20180695	CUX2	0.304164	0.0990809	0.477165	-2.00571	0.848488	0.81141	1.08141	0.46349	0.737084	-1.3567	0.581976	0.796515	-1.25547	0.218091	0.588524	-1.69916	0.79631	0.809562	-1.11165	0.519178

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error)
ap16503585	RNLS;RNLS	0.30445	0.305625	1.37823	1.37823	0.09148655	0.5700353	-1.75422	0.219234	0.676555	-1.47808	0.847598	0.943473	-1.05991	0.665628	0.676786	-1.14053	0.06582	1.86686	1.86686	0.571362	1.18886	1.18886	0.98334	0.999705	-1.00203	1.45373	2.10582	1.28761	1
ap24752582	PQLC1;PQLC1;PQLC1	0.30445	0.90846	0.957023	-1.04491	0.653587	1.1883	1.1883	0.116439	1.91842	1.91842	0.542586	0.81439	-1.22791	0.0748134	0.468671	-2.13369	0.149877	0.554559	-1.80323	0.265374	1.55781	1.55781	0.884539	0.946017	-1.05706	0.850868	0.930641	-1.07453	1.45371	3.35809	2.05335	1
ap18904552	TNKS2 NED04L;NED04L;NED04L;NED04L;NED	0.30446	0.379962	0.649257	-1.54022	0.945725	1.03319	1.03319	0.477579	0.707298	-1.41383	0.38206	0.650554	-1.53715	0.101401	0.423094	-2.36354	0.236456	0.551606	-1.81289	0.848246	1.09623	1.09623	0.0557921	2.82711	2.82711	0.924917	0.9558	-1.04624	1.4537	5.29538	3.23795	1
ap27105827	D4L;NED04L;NED04L;NED04L ARHGEF4;ARHGEF4;ARHGEF	0.30446	0.945731	1.03671	1.03671	0.0820511	2.77452	2.77452	0.0391069	3.54191	3.54191	0.574981	1.34996	1.34996	0.758464	1.17747	1.17747	0.572477	0.739277	-1.35267	0.811196	0.880948	-1.13514	0.247739	0.527258	-1.89661	0.811884	1.1346	1.1346	1.43269	6.45898	3.94948	1
ap10900202	4	0.30446	0.442118	0.773306	-1.29315	0.478414	1.26667	1.26667	0.455332	0.779251	-1.28328	0.351479	0.73013	-1.36962	0.0432894	0.465502	-2.14361	0.915242	0.965682	-1.03554	0.11444	1.75625	1.75625	0.654217	1.15938	1.15938	0.646131	0.859292	-1.16375	1.45369	2.47719	1.51473	1
ap10444885	STEAP3;STEAP3;STEAP3	0.30447	0.451369	0.793562	-1.26046	0.573082	1.18839	1.18839	0.444482	0.869269	-1.15039	0.547823	1.20127	1.20127	0.127824	0.608716	-1.6428	0.131886	1.6329	1.6329	0.195555	1.51408	1.51408	0.182072	0.65243	-1.53273	0.56912	0.840715	-1.18946	1.45368	2.09312	1.27989	1
ap20219956	SNTG2	0.30447	0.666923	0.878043	-1.1389	0.0597148	0.521425	-1.91782	0.140456	0.621053	-1.61017	0.395056	0.76978	-1.29907	0.887752	0.104394	-1.05482	0.387601	0.776434	-1.30474	0.123343	1.65102	1.65102	0.564428	0.839458	-1.19124	0.421529	0.78142	-1.27972	1.45367	2.07737	1.27027	1
ap19595760	MAN1C1	0.30448	0.417602	0.606309	-1.64932	0.117109	2.79612	2.79612	0.225774	2.15627	2.15627	0.501288	0.662137	-1.51026	0.071926	0.297159	-3.36521	0.981344	1.01422	1.01422	0.76473	0.834189	-1.19877	0.720824	1.24204	1.24204	0.276813	0.504979	-1.98028	1.45364	8.40018	5.13663	1
ap12955143	SRPX2;SRPX2	0.30448	0.910305	1.0324	1.0324	0.799405	0.673903	-1.48581	0.164504	0.656609	-1.52763	0.222651	1.44139	1.44139	0.303219	1.35318	1.35318	0.998808	0.999573	-1.00043	0.0803571	1.7405	1.7405	0.763625	1.14899	1.14899	0.416339	0.826786	1.26786	1.45363	1.87915	1.14909	1
ap13077340	ARL6IP6;ARL6IP6;PRPF40A	0.30449	0.344683	0.787735	-1.26946	0.975341	1.00761	1.00761	0.120732	0.661979	-1.51062	0.646944	0.89311	-1.11968	0.212872	1.37933	1.37933	0.397762	1.23645	1.23645	0.309016	0.77253	-1.29495	0.692972	1.10217	1.10217	0.071772	0.610919	-1.63688	1.4536	1.3834	0.845966	1
ap18233833	CASZ1;CASZ1	0.30450	0.294544	0.811838	-1.23137	0.173769	0.753502	-1.3188	0.316201	0.8398	-1.19161	0.117686	0.721954	-1.38513	0.371553	1.05742	1.05742	0.727143	0.955167	-1.04653	0.611647	1.3612	1.3612	0.127849	0.729314	-1.37115	0.844173	0.962969	-1.03845	1.45357	2.84638	1.95785	1
ap18472912	WWC1;WWC1;WWC1	0.30450	0.638183	0.839803	-1.19075	0.12149	1.85675	1.85675	0.144293	1.78266	1.78266	0.152834	1.75833	1.75833	0.330153	0.690565	-1.44809	0.428406	1.34717	1.34717	0.852374	1.07108	1.07108	0.0885511	1.99882	1.99882	0.897645	0.95367	1.04858	1.45356	3.12786	1.91276	1
ap06186683	LRCH1;LRCH1;LRCH1	0.30450	0.939574	0.985759	-1.01445	0.185996	1.30381	1.30381	0.46349	1.1444	1.1444	0.835058	0.96132	-1.04024	0.611896	0.81219	-1.3037	0.303	0.285838	1.23333	1.23333	0.0793039	0.691738	-1.44563	0.343433	0.793803	-1.25976	0.682786	1.08084	1.08084	1.45356	0.82405	0.503927	1
ap18024856	MIR1977	0.30451	0.910337	1.04143	1.04143	0.390868	0.678598	-1.47278	0.545097	0.799951	-1.25011	0.932836	0.970082	-1.03084	0.764221	0.930101	-1.0377	0.789931	1.29403	1.29403	0.294224	0.705082	1.41421	0.0981	1.10126	1.10126	0.0737289	2.05107	2.05107	0.666582	1.169	1.169	0.0443637	0.435104	2.2983	1.63935	0.88236	0.82808	1
ap08724901	DET1;DET1;DET1;DET1;DET1	0.30451	0.525907	0.914978	-1.09292	0.948446	1.00898	1.00898	0.265822	1.17387	1.17387	0.978398	1.00375	1.00375	0.147141	0.806475	-1.23996	0.217699	0.835869	-1.19636	0.0481466	0.731801	-1.36649	0.244577	0.845104	-1.18329	0.677522	1.05952	1.05952	1.45354	0.440019	0.269086	1
ap05012132	ETV4;ETV4	0.30452	0.58579	0.952806	-1.07293	0.2089	1.16399	1.16399	0.483622	1.09439	1.09439	0.756376	1.06754	1.06754	0.240116	0.605061	-1.06817	0.657713	0.945193	-1.05799	0.0245497	0.712802	-1.40291	0.565369	1.07623	1.07623	0.409005	1.11405	1.11405	0.64552	0.367833	0.224945	1
ap14564974	KIAA1524;DZIP3;KIAA1524;DZIP3	0.30453	0.667812	0.899784	-1.11204	0.629088	1.10196	1.10196	0.0493381	1.62419	1.62419	0.373696	0.820842	-1.21826	0.484846	0.85773	-1.16587	0.543949	1.14202	1.14202	0.205884	0.940389	1.06376	-1.06376	1.13442	0.270188	0.780186	-1.28175	0.361501	0.816445	-1.22482	1.45352	1.70603	0.65804	1
ap24765579	MOCS2;MOCS2	0.30452	0.367283	1.12385	1.12385	0.485228	1.09353	1.09353	0.973885	0.995882	-1.00414	0.535003	0.923848	-1.08243	0.465991	1.09805	1.09805	0.351685	0.886181	-1.12844	0.707144	1.04873	1.04873	0.0562788	0.76146	-1.31327	0.0902775	0.790299	-1.26534	1.45351	0.36589	0.223759	1
ap03509671	FAM35C;FAM35C	0.30452	0.660214	1.09401	1.09401	0.328907	0.980724	1.02878	0.966382	1.03182	-1.1988	0.895009	0.97328	-1.02737	0.949139	0.933604	-1.07128	0.883071	1.13528	1.13528	0.0709251	0.220082	0.769947	-1.29879	0.942405	0.62194	-1.60817	0.790327	1.26534	1.45351	0.950434	0.581236	1
ap10390228	SF1;SF1;SF1;SF1	0.30453	0.600355	0.930586	-1.07459	0.889957	1.01902	1.01902	0.798159	0.965725	-1.03549	0.221435	0.839529	-1.19114	0.144787	0.80804	-1.23756	0.086304	0.942	1.2942	0.245844	0.971602	1.02606	-1.02606	0.932016	-1.07294	0.240094	0.845863	-1.18223	1.4535	0.426368	0.260746	1
ap17315426	CDH24;CDH24	0.30453	0.13093	0.967436	1.34295	0.379853	0.19383	-2.24728	0.285831	0.72683	-1.38553	0.14906	0.27514	-2.23154	0.28707	0.462674	-2.16162	0.316638	0.276336	-1.61878	0.276336	0.437258	0.437258	-1.32397	0.0429183	0.229983	-1.57159	0.0429183	0.148634	0.59714	0.597149	0.147667	1
ap02504521	SLC38A1;SLC38A1	0.30454	0.204601	0.419688	-2.38272	0.215818	0.42959	-2.3278	0.453256	1.64143	1.64143	0.635357	0.733564	-1.36321	0.189214	0.405712	2.4648	0.432504	0.594781	-1.68129	0.0396554	0.213722	-4.67898	0.131961	0.348331	-2.87083	0.359783	0.542966	-1.84174	1.45346	0.684449	0.59272	1
ap04969220	SLC26A1 DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZ	0.30454	0.965381	1.01349	1.01349	0.0373317	0.474251	-2.10859	0.718667	0.894332	-1.11815	0.852788	0.944268	-1.05902	0.35762	0.74673	-1.33917	0.154306	0.624541	-1.60118	0.180718	1.55078	1.55078	0.654751	1.14907	1.14907	0.429693	0.779689	-1.28256	1.45346	2.19381	1.34166	1
ap19602931	AP2;DAZAP2	0.30454	0.0940735	1.6096	1.6096	0.157765	0.676687	-1.47779	0.605993	0.874122	-1.144	0.307598	1.31401	1.31401	0.408002	1.24463	1.24463	0.0918672	1.61582	1.61582	0.487076	1.2003	1.2003	0.755284	0.922339	-1.0842	0.516539	1.18538	1.18538	1.45345	1.53902	0.941218	1
ap17448208	DAB1	0.30456	0.094268	0.827549	-2.33893	0.153717	1.33474	1.33474	0.36206	0.507474	-1.97054	0.202707	0.614413	-1.63556	0.779166	0.407036	-2.45674	0.603614	0.785097	-1.27373	0.0287738	0.303863	-3.29095	0.442369	0.604419	-1.43592	0.47746	0.71632	-1.39602	1.45341	4.91111	3.00358	1
ap08806871	TUBGCP3	0.30456	0.30563	0.18502	0.788039	-1.26608	0.363501	0.854927	-1.16969	0.252587	0.818264	-1.2221	0.64332	0.92472	-1.08141	0.972432	0.994217	-1.00582	0.732952	0.944139	-1.05917	0.0546388	1.44178	1.44178	0.23098	1.23478	1.23478	0.635602	0.923081	-1.08341	1.4534	0.648441	0.396563	1
ap01169610	INPP4A;INPP4A;INPP4A;INPP4A	0.30458	0.793247	0.856717	-1.16725	0.0267648	0.68779	0.68779	0.0478377	1.78883	1.78883	0.766517	1.19162	1.19162	0.964227	0.97394	-1.02676	0.832713	1.13262	1.13262	0.711276	0.803409	-1.2447	0.728887	1.22735	1.22735	0.978086	0.984613	-1.01563	1.45338	1.97879	1.43784	1
ap05580046	LOC285375	0.30458	0.776545	1.1726	1.1726	0.0944033	0.67185	0.67185	0.0478447	1.16547	1.16547	0.954986	0.969321	-1.03178	0.728	0.844473	-1.18434	0.815744	1.31933	1.31933	0.0153001	1.07536	1.07536	0.0387754	1.07823	1.07823	0.0387754	1.25624	1.45337	1.73598	1.74046	1
ap04850961	NHSL1	0.30459	0.0565726	0.337162	-2.96593	0.0651004	0.352319	-2.83833	0.744227	1.20236	1.20236	0.233538	0.533053	-1.87599	0.828724	1.11531	1.11531	0.241585	0.539337	-1.85416	0.197418	0.503423	-1.9864	0.43062	0.666838	-1.49961	0.868595	1.08698	1.08698	1.45336	5.84025	3.57195	1
ap14383135	NPAS2	0.30459	0.0373577	0.1524	0.656249	-1.52102	0.0268477	0.11487	0.11487	0.0268477	1.1572	1.1572	0.76786	0.929044	-1.07586	0.882679	1.12204	0.345844	0.775	1.2904	0.0267753	0.355383	-2.84424	0.351785	0.364792	-2.74128	0.0136002	0.220865	0.147667	1.45337	0.0267753	0.0267753	0.848111	1
ap07850948	INTS12;INTS12;GSTCD	0.30457	0.909192	1.04645	1.04645	0.376941	0.697144	-1.43442	0.469403	0.746119	-1.34027	0.706587	0.860296	-1.16239	0.0104981	0.277636	3.60184	0.259707	0.626356	-1.59654	0.640723	0.829425	-1.20565	0.665792	0.841209	-1.18877	0.80146	1.10546	1.10546	1.45335	1.64442	2.22897	1
ap23508052	SCD;SCD	0.30458	0.666419	1.06644	1.06644	0.272202	1.18474	1.18474	0.820996	1.03419	1.03419	0.983077	1.00315	1.00315	0.906243	1.01763	1.01763	0.624917	0.57082	1.07582	0.201114	1.22172	1.22172	0.793828	0.961896	-1.03961	0.011978	1.592	1.592	1.45335	0.506424	0.309736	1
ap24662243	ATF6B;ATF6B	0.30458	0.0211663	0.764479	-1.30822	0.0764779	1.11487	1.11487	0.0268477	1.1572	1.1572	0.76786	0.929044	-1.07586	0.882679	1.12204	1.12204	0.839144	0.951337	-1.05115	0.551862	1.15921	1.15921	0.629753	0.807589	-1.23856	0.264409	0.751629	-1.33044	1.45332	1.38665	0.848111	1
ap26275242	ER3;ER3	0.30459	0.403382	1.19535	1.19535	0.713583	0.925956	-1.07997	0.433456	1.18151	1.18151	0.0710752	1.52313	1.52313	0.59554	0.894226	-1.11829	0.643137	0.907227	-1.10226	0.112058	1.43486	1.43486	0.06931	1.52812	1.52812	0.615983	1.11129	1.11129	1.4532	1.00231	0.613038	1
ap19986006	PPM1J	0.30459	0.785461	0.924592	-1.08141	0.432178	1.14702	1.14702	0.668666	-1.49933	0.653814	0.188188	1.08188	1.08188	0.452966	1.15206	1.15206	0.0755178	0.870503	1.14895	0.0178569	0.0780929	1.16683	1.16683	0.0878756	1.10022	1.10022	0.0878756	1.10022	-1.00272	1.45331	0.69997	0.484621	1
ap12131007	MYO3B;MYO3B;MYO3B	0.30459	0.826486	0.833263	-1.2001	0.783439	0.795406	-1.25722	0.716169	0.303006	0.303006	0.50757	1.74813	1.74813	0.100041	0.223742	4.46944	0.708323	0.731804	-1.36649	0.0748024	0.520076	0.52076	0.316032	0.36492	2.36492	0.634032	0.670554	0.670554	1.49131	0.45329	15.8889	9.71826	1
ap11268935	UIMC1	0.30460	0.556485	0.87561	-1.14206	0.101861	0.670137	-1.49171	0.965641	0.990426	-1.00967	0.94411	0.984464	-1.01578	0.615361	0.893205	-1.11979	0.184068	0.730004	-1.36985	0.795586	1.0597	1.0597	0.0508126	1.64367	1.64367	0.431082	0.835571	-1.19659	1.45327	1.14803	0.702192	1
ap16946514	MYO1C;MYO1C	0.30460	0.131641	0.7994	1.25094	0.0836319	0.0871111	-1.9991	0.0268477	1.1572	1.1572	0.76786	0.929044	-1.07586	0.882679	1.12204	1.12204	0.0755178	0.870503	1.14895	0.0178569	0.0780929	1.16683	1.16683	0.0878756	1.10022	1.10022	0.0878756	1.10022	-1.00272	1.45331	0.69997	0.484621	1
ap07111113	NLGN2	0.30461	0.307302	1.14154	1.14154	0.814094	0.104795	-1.04745	0.204105	0.766167	-1.3052	0.660153	1.00098	1.00098	0.950124	1.01239	1.01239	0.348152	0.29935	-1.20935	0.0318576	1.64068	1.64068	0.914251	0.978589	-1.02188	0.239733	0.784852	-1.27413	1.45324	0.891329	0.545191	1
ap02197442	NCRNA00162	0.30462	0.516993	0.87525	-1.14284	0.0268477	1.1572	1.1572	0.76786	0.929044	-1.07586	0.882679	1.12204	1.12204	0.755178	0.870503	1.14895	0.0178569	0.0780929	1.16683	1.16683	0.0878756	1.10022	1.10022	0.0878756	1.10022	-1.00272	1.45331	0.69997	0.484621	1			
ap15879533	TEX14;TEX14	0.30462	0.463078	1.27195	1.27195	0.542382	0.819871	-1.2197	0.176307	1.58882	1.58882	0.666977	1.14961	1.14961	0.0574206	0.500501	-1.998	0.374692	1.34104	1.34104	0.912696	1.03595	1.03595	0.980839	1.00776	1.00776	0.146534	0.605382	-1.65185	1.45322	2.38726	1.46021	1
ap10809661	CSNK2A1;CSNK2A1;CSNK2A1	0.30463	0.371204	1.12648	1.12648	0.0381053	1.71137	1.71137	0.0995377	1.49769	1.49769	0.646025	1.1089	1.1089	0.292686	1.27635	1.27635	0.154853	1.18393	1.18393	0.343192	0.803208	-1.24501	0.387382	0.551958	-1.81196	0.343122	0.61487	0.70953	-1.40955	1.45321	0.70953	0.503342	1
ap06079343	C1orf57;C1orf57	0.30463	0.950492	0.779239	-1.28344	0.454447	0.92904	-1.07638	0.88424	1.0056	-1.0056	0.65445	0.94132	-1.06234	0.560997	0.84199	-1.06158	0.897966	0.987043	-1.01313	0.554525	1.0627	1.0627	0.0980417	1.20261	1.20261	0.533867	1.06615	1.06615	1.45317	0.237858	0.154495	1
ap13804918	ACAT2	0.30464	0.096591	0.334092	-2.99319	0.759324	0.831369	-1.20284	0.852874	1.11804	1.11804	7	7	7	0.341584	0.554909	-1.8021	0.81804	0.870664	-1.14855	0.0340575	0.226124	-4.42235	0.711215	1.25044	1.25044	0.546083	1.44361	1.44361	0.45337	7.39022	5.08488	1
ap09563873	ADAP1;ADAP1	0.30464	0.913049	1.02674	1.02674	0.418327	0.123832	1.13816	1.13816	0.0932888	1.33798	1.33798	0.183868	1.24691	1.24691	0.680575	1.06747	1.06747	0.675044	1.0715	0.0758809	0.624705	-1.60091	0.707502	1.08089	1.08089	0.291191	1.3026	1.3026	1.45314	1.33408	0.820095	1
ap24875484	OPCR1	0.30469	0.594199	1.27921	1.27921	0.0835065	2.40424	2.40424	0.180223	1.91875	1.91875	0.278671	0.597016	-1.675	0.508871	0.73574	-1.35918	0.975029	0.985769	-1.01444	0.189574	1.88952	1.88952	0.185636	1.90161	1.90161	0.242261	1.75144	1.75144	1.45314	4.82616	2.95217	1
ap23377571	FBXL5;FBXL5	0.30465	0.125417	0.605104	-1.65938	0.234005	0.622504	-1.60643	0.246486	0.688695	-1.4495	0.404796	0.770211	-1.29834	0.192635	0.655487	-1.52558	0.622639	0.896907	-1.11504	0.0116464	1.68569	1.68569	0.950978	0.749557	-1.33412	0.229391	0.675622	-1.48012	1.45314	2.19561	1.32079	1
ap15044181	IGF2R	0.30465	0.0658541	0.529829	-1.88741	0.193519	0.20101	-2.50651	0.0268477	1.1572	1.1572	0.76786	0.929044	-1.07586	0.882679	1.12204	1.12204	0.0755178	0.870503	1.14895	0.0178569	0.0780929	1.16683	1.16683	0.0878756	1.10022	1.10022	0.0878756	1.10022	-1.02158	1.45312	0.17993	0.13348	1
ap14896458	STXBP6	0.30466	0.168044	0.648446	-1.54215	0.72556	0.901301	-1.10951	0.922846	0.971842	-1.02897	0.441187	0.791283	-1.26058	0.961996	0.986049	-1.01415	0.762013	0.914338	-1.09369	0.0457677	1.96442	1.96442	0.107424	0.595671	-1.67878	0.641749	0.870966	-1.14815	1.4512	2.00075	1.22388	1
ap18411480	STK35	7	7	7	7	7	0.697131	-1.27389	0.184527	0.790822	-1.26492	7	7	7	0.0268477	1.1572	1.1572	0.0452662	0.924192	-1.08209	0.642163	1.1349	1.1349	7	0.0376288	1.57229	1.57229	0.752729	1.49025	1.45309	1.7643	0.0376288	1
ap18791048	ASB18	0.30469	0.101858	0.184053	-5.43232	0.543073	1.78934	1.78934	0.347934	0.401158	-2.49279	0.969593	0.964613	-1.03669	0.0573949	0.131133	-7.62587	0.98091	0.977639	-1.02287	0.230641	0.304655	-3.28241	0.344834	0.50839	2.50839	0.580303	1.69534	1.69534	0.54311	20.5595	12.5765	1
ap15393234	ABCE1;ABCE1;ABCE1;ANAPC10;ABCE1	0.30476	0.0715317	0.781312	-1.2799	0.385277	0.89659	-1.11534	0.197663	0.846209	-1.18174	0.44398	0.908732	-1.10043	0.30424	1.13938	1.13938	0.227643	0.856152	-1.16802	0.981399	0.997145	-1.00286	0.983091	0.997404	-1.0026	0.195962	1.18258	1.18258	1.45306	0.346087	0.211714	1
ap19990483	ATL1;ATL1;ATL1	0.30468	0.169145	1.53412	1.53412	0.336055	1.33615	1.33615	0.386475	1.2961	1.2961	0.552003	0.838798	-1.19218	0.270622	1.39806	1.39806	0.172851	0.65456	-1.52774	0.358048	0.758721	-1.31801	0.144025	0.632206	-1.58176	0.989091	1.004	1.004	1.45304	1.96413	1.20154	1
ap12139528	C51ZD;C51ZD	0.30467	0.90862	0.982054	-1.01827	0.421832	1.13816	1.13816	0.0932888	1.33798	1.33798	0.183868	1.24691	1.24691	0.680575	1.06747	1.06747	0.675044	1.0715	0.0758809	0.624705	-1.60091	0.7075	1.08089	1.08089	0.291191	1.3026	1.3026	1.45314	1.33408	0.820095	1			
ap20945376	CCDC88C	0.30468	0.358127	1.29309	1.29309	0.284044	0.738514	-1.35352	0.318138	0.755289	-1.324	0.963907	1.03254	1.03254	0.161284	0.665702	-1.50217	0.038293	0.521936	-1.91594	0.382266	0.783703	-1.27599	0.915172	0.680563	-1.46553	0.914645	1.02959	1.02959	1.45302	1.70253	1.04152	1
ap01150220	DHX16;DHX16;DHX16	0.30468	0.691435	1.08575	1.08575	0.2705	0.528898	1.08003	0.528898	0.752355	1.32363	1.32363	1.29476	1.29476	0.0268477	1.1572	1.1572	0.0452662	0.924192	-1.08209	0.642163	1.1349	1.1349	7	0.0376288	1.57229	1.57229	0.752729	1.49025	1.45309	1.7643	0.0376288	1
ap04314115	PRKCZ	0.30469	0.512735	0.675454	-1.48048	0.781519	0.84847	-1.17859	0.521093	0.680853	-1.46875	0.500259	0.667374	-1.49841	0.0171717	0.179718	5.56428	0.77269	0.842668	-1.18671	0.276803	0.512457	-1.95138	0.0757194	0.310864	-3.21684	0.31435	0.540658	-1.8496	1.45302	0.03885	4.91778	1
ap21183606	COMMD9;COMMD9	0.30469	0.353702	0.762138	-1.3121	0.349826	0.76037	-1.31515	0.035521	0.498224	-2.00713	0.209636	1.45702	1.45702	0.507297	0.825726	-1.21106	0.976408	0.991618	-1.00845	0.50847	1.2104	1.2104	0.909253	0.968064	-1.03299	0.21768	1.691316	1.691316	1.44652	1.45301	1.86472	1.14076	1
ap20487166	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.30469	0.444023	1.0324	1.0324	0.826977	0.673903	-1.48581	0.164504	0.656609	-1.52763	0.222651	1.44139	1.44139	0.303219	1.35318	1.35318	0.481578	0.939303	-1.06454	0.205105	1.7405	1.7405	0.763625	1.14899	1.14899	0.416339	0.826786	1.26786	1.45303	1.87915	1.14909	1
ap22952566	HLA-E;HLA-E	0.30469	0.829568	1.02531	1.02531	0.262362	0.873254	-1.14514	0.271547	1.14195	1.14195	0.0904125	1.24157	1.24157	0.0493139	1.29718	1.29718	0.207559	1.16663	1.16663	0.96381	1.00528	1.00528	0.875056	1.01842	1.01842	0.861975	1.02039	1.02039	1.45299	0.309401	0.189335	1
ap04087571	SIK3	0.30470	0.804078	0.948533	-1.05453	0.614756	1.14102	1.14102	0.218832	0.877	1.14077	0.390099	0.94018	1.06329	0.0494967	0.766624	-1.30443	0.0768	0.885	1.13044	0.0496302	0.0766	1.58065	1.58065	0.0496302	1.12956	1.12956	0.0496302	1.12956	-1.04056	1.44298	0.33479	0.207071	1
ap22176566	SLC24A1;SLC24A1	0.30470	0.677818	0.699356	-1.42989	0.256796	0.75405	0.75405	0.717691	0.732879	-1.36448	0.841195	0.84222	-1.18734	0.152168	0.241551	-4.13992	0.448721	0.93634	-1.06384	0.124664	-8.02153	0.79994	0.804641	-1.24279	0.535215	0.71169	1.71169

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	Ratio(1121 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1353 vs. N)	Fold-Change(1353 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg04775890	GATA2;A	0.304988	0.0792926	0.447788	-2.26353	0.306482	0.641473	-1.55891	0.265018	0.614394	1.66765	0.399836	0.696683	-1.43537	0.234392	0.592002	-1.68662	0.392669	0.692658	-1.44371	0.6545331	0.400643	-2.49599	0.4087752	1.56321	1.36321	0.695594	1.17928	1.17928	1.45213	4.04448	2.47574	1
cg07009951	ATF7;ATF7	0.305	0.0866164	0.348705	-2.86775	0.657806	0.780257	-1.28163	0.571109	1.37511	1.37511	0.440819	0.769862	-1.12893	0.602186	0.236248	4.23283	0.715987	1.22554	1.22554	0.326589	0.568437	-1.75921	0.696171	1.24413	1.24413	0.868268	1.0968	1.0968	1.45209	7.12534	4.36173	1
cg22279341	POLQ	0.30501	0.5600896	1.77251	1.77251	0.559103	0.5640032	-1.77295	0.0259683	0.0767201	-13.0344	0.498488	1.94941	1.94941	0.407074	0.43873	-2.27931	0.559313	1.797008	1.797008	0.522855	1.8759	1.8759	0.635016	0.628431	-1.59127	0.2040022	0.271924	-3.67749	1.45206	21.703	13.2856	1
cg03143876	ZFP64;ZFP64;ZFP64;ZFP64	0.305011	0.4345631	0.804791	-1.24256	0.575878	1.166401	1.16601	0.264202	1.373	1.373	0.060117	0.5632335	-1.78179	0.337688	0.763971	-1.30894	0.664294	0.887862	-1.1263	0.661223	0.8868189	-1.12763	0.262995	1.37419	1.37419	0.23601	1.40248	1.40248	1.45206	1.70624	1.04449	1
cg13996698	ARHGAP8;ARHGAP8;PIR5;ARHGAP8	0.305017	0.702665	1.41297	1.41297	0.408324	1.214317	2.13417	0.0734408	0.04373	6.04073	0.256329	2.91866	2.91866	0.192259	3.46956	3.46956	0.17161	3.71276	3.71276	0.18691	5.49667	5.49667	0.174697	1.42699	1.42699	0.0573552	6.94294	6.94294	1.45204	18.6832	11.4372	1
cg13062137	SPEM1;NUDN2	0.305019	0.8698894	1.12743	1.12743	0.122969	3.39655	3.39655	0.144203	3.16188	3.16188	0.505294	1.63987	1.63987	0.0740209	0.232943	-4.29288	0.580799	1.49411	1.49411	0.401103	0.533203	-1.87546	0.588798	0.6707058	-1.49085	0.7106568	1.31345	1.31345	1.45204	12.3125	7.53727	1
cg06048436	ENOX1;ENOX1	0.305021	0.893268	0.937053	-1.06718	0.0334805	0.900225	-3.33083	0.124776	0.447158	-2.23634	0.541256	0.741169	-1.34922	0.103462	0.422104	-2.36909	0.275031	0.576937	-1.73329	0.144029	0.4645159	-2.15276	0.464176	0.697097	-1.43452	0.2869066	0.585334	-1.70843	1.45203	5.39436	3.30227	1
cg19935256	CLPTM1L	0.305022	0.494611	0.862317	-1.1598	0.5602041	0.702535	-1.42341	0.0970997	0.637523	-1.47595	0.429344	0.841602	-1.18823	0.741251	0.919161	-1.0734	0.855393	0.961734	-1.0399	0.9644583	0.6414458	-1.55895	0.0463485	0.6819967	-1.62875	0.4788277	0.857299	-1.16645	1.45203	1.05072	0.643223	1
cg08739913	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.30507	0.193355	0.63089	-1.57456	0.476819	0.787732	-1.26947	0.0994507	0.81798	1.81798	0.910666	0.963657	-1.03771	0.0221304	0.551798	-1.91874	0.442228	0.772255	-1.29491	0.392073	1.33537	1.33537	0.158197	0.4538579	-1.54477	0.566562	0.817707	-1.22293	1.45201	2.50186	1.53158	1
cg25553279	FAM179A	0.305028	0.6783382	0.830904	-1.20351	0.382951	1.48803	1.48803	0.725995	1.16918	1.16918	0.286754	0.611769	-1.6346	0.023014	0.298855	-3.3461	0.872233	1.07412	1.07412	0.911956	1.05036	1.05036	0.212532	0.558067	-1.7919	0.338125	0.644908	-1.55061	1.45201	4.5381	2.77813	1
cg19753607	ELL2	0.305029	0.660841	1.27197	-1.28403	0.0943158	1.086067	1.08606	-4.1324	0.0241359	0.889692	-5.27105	0.833829	1.20911	0.2502357	0.201244	-4.97092	0.671994	1.48725	0.6724003	0.6723835	1.48725	0.6724003	0.672383	1.48725	0.6724003	0.672383	1.63262	1.63262	1.45201	18.5939	11.3828	1
cg03762823	SDK1	0.30503	0.64081	0.728906	-1.37192	0.197027	2.50379	2.50379	0.226659	0.425608	-2.34958	0.801486	1.18475	1.18475	0.177233	0.380948	-2.62503	0.0986722	0.295657	-3.38229	0.111279	0.312985	-3.19505	0.560801	0.6731151	-1.48555	0.295665	0.482018	-2.07461	1.45201	10.4141	6.37532	1
cg19655293	RAPGEF1;RAPGEF1	0.305029	0.0952227	0.222886	-4.4866	0.849813	0.856223	-1.16792	0.872104	0.876407	-1.14102	0.310981	0.423858	-2.35928	0.0668876	0.18599	-5.37662	0.243206	0.367902	2.71811	0.109052	0.2390082	-4.18266	0.157271	0.2898629	-3.45031	0.1178318	0.295616	-3.85193	1.45201	15.4191	9.41928	1
cg25427740	PCIF1	0.305034	0.139822	0.70306	-1.42235	0.0721113	1.56073	1.56073	0.183401	1.36755	1.36755	0.441266	0.840178	-1.19022	0.278661	0.778957	-1.28377	0.746797	1.07448	1.07448	0.938612	1.01723	1.01723	0.948645	1.01439	1.01439	0.456572	1.18311	1.18311	1.45199	1.13094	0.692343	1
cg13187105	THOP1	0.30504	0.592407	1.18954	1.18954	0.144215	0.6042062	-1.65507	0.25497	0.682674	-1.46483	0.734597	0.896469	-1.11549	0.0738824	0.527364	-1.89622	0.747945	1.01911	1.01911	0.830347	0.933406	-1.07134	0.758749	0.9057095	-1.104	0.0445753	0.476746	-2.09755	1.45197	2.37226	1.45228	1
cg20973220	FLI26850	0.305041	0.8018258	0.845859	-1.18223	0.1244072	0.534777	-1.86994	0.914491	1.04119	1.04119	0.99135	1.00542	1.00542	0.878553	1.16071	1.16079	0.2216564	0.649331	1.54021	0.1788307	0.1615351	-6.60715	0.643531	1.55397	1.36237	0.35727	1.87431	1.87431	1.45197	10.1255	6.18879	1
cg05914442	TSPAN3;TSPAN3;TSPAN3 TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;T	0.305062	0.326621	0.690396	-1.44844	0.160948	0.578226	-1.72943	0.0631104	0.465461	-2.14841	0.0777504	0.488141	-2.04859	0.515165	1.27306	1.27306	0.70519	0.870188	-1.14918	0.734355	1.1327	1.1327	0.500563	1.28419	1.28419	0.629426	0.837048	-1.19467	1.45191	3.07748	1.8841	1
cg14865094	NIK;TNIK	0.305066	0.889245	1.03365	0.991041	1.002067	1.002067	0.121068	0.670761	-1.49084	0.69403	1.08847	1.09847	0.684174	0.615919	-1.62539		0.742577	0.924692	-1.08144	0.176272	0.710678	-1.40711	0.41801	1.21726	1.21726	0.116722	0.667059	-1.49912	1.4519	1.29765	0.794454	1
cg18745782	MIR181D;MIR181C	0.305077	0.369272	0.828272	-1.20733	0.911438	0.977522	-1.02299	0.627012	1.01524	1.01524	0.0648447	0.654632	-1.52758	0.114993	0.704553	-1.41934	0.512794	0.873166	-1.14526	0.911378	1.02301	1.02301	0.135005	1.3899	1.3899	0.463708	0.858648	-1.16462	1.45187	0.9600358	0.587773	1
cg07225598	HIST3H2A	0.305078	0.23724	0.809147	-1.2359	0.7744798	1.19549	1.19549	0.254618	1.22564	1.22564	0.0616846	0.69768	-1.43332	0.07214	0.370554	-2.70014	0.564755	0.905229	-1.10469	0.190997	1.26723	1.26723	0.697303	1.09213	-1.0847	0.907816	0.834797	-1.19579	1.45186	0.672784	0.411906	1
cg07245925	SNORD115-16	0.305083	0.160503	0.652112	-1.53348	0.122768	0.620727	-1.61101	0.228616	0.697442	-1.43381	0.935644	0.977233	-1.0233	0.0643949	0.552911	-1.80861	0.785252	0.925066	-1.081	0.55155	0.842153	-1.18743	0.624011	0.8685586	-1.1513	0.0458093	0.520537	-1.92109	1.45185	1.87004	1.14403	1
cg10705779	MED13L	0.305084	0.672211	0.826507	-1.20972	0.588303	0.61779	-1.62101	0.228616	0.614689	-1.6269	0.250156	0.721793	-1.38546	0.0491948	0.440295	-2.44332	0.3616	0.607994	1.64499	0.0139402	0.1303182	7.67211	0.0132042	0.1552041	-1.81146	0.0139024	0.746592	-1.33942	1.45185	1.12469	0.744883	1
cg19494004	PHIP	0.305084	0.184277	0.665624	-1.50235	0.989064	0.996047	-1.00397	0.716864	1.111	1.111	0.868664	0.953298	-1.04899	0.708886	0.897277	1.11448	0.096919	0.59061	-1.69316	0.660007	1.13649	1.13649	0.417711	1.27453	1.27453	0.0590848	1.85148	1.85148	1.45184	1.9206	1.17589	1
cg09657262	PPP1A1;PPP1A	0.30501	0.781384	1.2982	1.2982	0.109262	0.546754	1.41766	0.150589	4.3978	4.3978	0.657304	1.521111	1.521111	0.723562	1.39573	1.39573	0.265736	3.0141	3.0141	0.773643	1.13167	1.13167	0.100057	0.174343	-5.73583	?	?	1.55105	18.2677	8.83321	1
cg13462364	SPN;SPN	0.305092	0.8794203	1.04947	1.04947	0.660955	1.14866	1.14866	0.721687	1.51379	1.51379	0.0844554	1.136096	1.136096	0.156462	0.559566	-1.78681	0.556511	1.08025	1.08025	0.707809	1.28869	1.28869	0.561995	1.20537	1.20537	0.573011	1.1986	1.1986	1.45183	2.92664	1.96487	1
cg06193393	GATS;GATS;GATS;GATS	0.305095	0.5781555	0.916476	-1.09114	0.0730012	1.36408	1.36408	0.352502	1.16015	1.16015	0.721872	1.05706	1.05706	0.924507	1.01482	1.01482	0.240219	0.826195	-1.21037	0.146226	0.784916	-1.27402	0.363365	1.15609	1.15609	0.31199	1.17633	1.17633	1.45181	0.5543312	0.339384	1
cg03359413	C5orf45	0.305103	0.914173	0.97081	-1.0308	0.9358641	1.08427	1.08427	0.337975	0.776044	-1.28859	0.427526	1.25746	1.25746	0.341766	0.833037	1.19994	0.6338312	1.14256	1.14256	0.705275	1.76632	1.76632	0.194394	1.08945	0.5014464	0.825334	-2.21163	1.45181	1.82042	1.11458	0.611958	1
cg09778003	TAGLN3;TAGLN3;TAGLN3;TAGLN3	0.305098	0.150994	1.94674	1.94674	0.134559	2.01049	2.01049	0.15561	1.93031	1.93031	0.125345	2.04956	2.04956	0.285797	1.61932	1.61932	0.485607	1.735885	1.354894	0.312676	2.6067	2.6067	0.163331	2.9271	2.9271	0.242421	1.2421	2.9204075	0.957695	1.04417	1.4518	3.30824	2.63778	1
cg22462714	SLC38A10	0.305101	0.150184	0.239324	-4.17843	0.867513	0.856216	-1.16793	0.731544	0.726687	-1.37611	0.445748	0.486468	-2.05563	0.0272453	0.0887084	-11.2729	0.190136	0.27627	-3.61965	0.120508	0.2098888	-4.76445	0.225465	0.307235	-3.25484	0.258185	0.334951	-2.98551	1.45179	19.7612	12.0992	1
cg04272820	THRA;THRA	0.305104	0.639864	1.2461	1.2461	0.3806	0.944154	1.12606	0.493861	1.38317	1.38317	0.376203	1.58615	1.58615	0.241327	0.550863	-1.81625	0.336433	0.629552	1.5891	0.1774973	0.5098613	-1.9615	0.0709592	0.5380885	-2.56486	0.658527	1.23079	1.23079	1.45178	0.5124	0.26886	1
cg21108215	RGL1	0.305109	0.0783127	0.795752	-1.56322	0.923101	0.916669	-1.09091	0.629665	0.652895	-1.53164	0.276153	0.370099	-2.70198	0.0226157	0.0911402	-10.9721	0.565157	0.597145	-1.67464	0.182331	0.288817	-3.4624	0.523956	0.5674404	-1.76241	0.292778	0.383775	-2.60569	1.45177	17.7033	10.8394	1
cg07768623	HCN1	0.305111	0.1788816	0.685965	-1.45787	0.2688068	0.7823207	-1.27827	0.4668891	0.83789	1.83789	0.7352305	1.14142	1.14142	0.7958855	1.25235	1.25235	0.2719271	0.5458318	1.83166	0.3882311	0.8084464	1.23728	1.23728	0.5532041	1.80811	0.5531	1.36015	1.83417	1.17585	1.36015	1.45177	1.05143	0.7248	1
cg05941778	DUSP10;DUSP10	0.305115	0.223668	0.396766	-2.52038	0.0476721	0.194459	-5.14246	0.0743506	0.237481	-4.21086	0.28131	0.445006	-2.24716	0.407176	0.5414573	-1.84613	0.15589	0.33361	-2.99751	0.293768	0.455001	-2.1978	0.5752	0.6440641	-1.50593	0.6015551	0.745746	1.45746	1.45175	1.02015	0.7360	1
cg16096308	KLHL3	0.305118	0.483902	1.38083	1.38808	0.0194408	3.67767	3.67767	0.239659	1.76392	1.76392	0.441203	1.43621	1.43621	0.588683	0.777519	-1.28614	0.220658	1.81034	1.81034	0.280455	1.6772	1.6772	0.287359	1.66395	1.66395	0.979595	0.988281	-1.01186	1.45174	4.885003	2.99106	1
cg13739942	CCDC12	0.305121	0.3570321	0.738242	-1.35403	0.6482814	0.663228	1.50722	0.0613778	0.0571757	0.634098	1.57704	0.573967	1.7278	0.0221546	0.1389791	-7.19571	0.760067	1.0671	1.0671	0.7320584	1.24181	1.24181	0.5407131	0.8788669	-1.13783	0.3963535	0.832097	-1.20178	1.45173	1.03053	0.6309991	1
cg18825119	RC2	0.305123	0.532933	0.77047	-1.29791	0.888318	0.943635	-1.05973	0.896134	1.05541	1.05541	0.113164	0.23771	0.23771	0.21938	0.586585	-1.70449	0.400279	0.700825	-1.42689	0.07395	0.4394515	-2.27575	0.22873	0.593597	-1.68465	0.523305	1.30614	1.30614	1.45173	3.91952	2.39991	1
cg15400169	RPLP0;RPLP0	0.305125	0.827438	0.908539	-1.10067	0.565748	0.774753	-1.29073	0.930161	0.96232	-1.03916	0.523442	0.752687	-1.33857	0.39197	0.680225	-1.4701	0.461189	1.39041	1.39041	0.057497	2.56091	2.56091	0.74401	1.15484	1.15484	0.0562505	2.58533	2.58533	1.45172	4.43829	2.71756	1
cg03826317	LOC100128811;GPR158	0.305128	0.923944	0.988902	-1.01122	0.203532	1.16984	1.16984	0.0934481	1.24066	1.24066	0.999236	1.00011	1.00011	0.536854	1.07583	1.07583	0.276742	0.876146	-1.14136	0.112661	0.8172332	-1.22364	0.496431	0.922462	-1.08406	0.4043117	0.905079	-1.10488	1.45171	0.3140878	0.192311	1
cg19724698	GDLGA3	0.305128	0.5886536	1.14379	1.14379	0.0834595	1.171373	1.17137	0.212444	1.38586	1.38586	0.284667	0.950088	-1.05154	0.956482	1.01907	1.01907	0.6439734	1.19744	1.19744	0.729974	1.07054	1.07054	0.842642	0.9586511	-1.17232	0.2249343	0.767272	-1.30417	1.45171	0.8284517	0.554716	1
cg05924022	MAP3K8	0.305138	0.315034	0.844979	-1.18346	0.288468	1.19562	1.19562	0.249121	1.21568	1.21568	0.805731	1.04076	1.04076	0.44734	1.11804	1.11804	0.572572	1.09685	1.09685	0.133651	0.7602288	1.2999	0.913224	0.9824482	-1.01783	0.0662798	1.39541	1.39541	1.45168	0.6043814	0.370072	1
cg04706832	PIK3R1;PIK3R1;PIK3R1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change2)	Fold-Change2(121T vs. Change2)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. Change2)	Fold-Change2(347T vs. Change2)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. Change2)	Fold-Change2(537T vs. Change2)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg24437737	HIST2H2BF	0.305498	0.435073	0.615152	-1.63528	0.114047	3.18118	2.89118	0.567814	0.7000056	-1.42846	0.887477	1.09137	1.09137	0.888968	1.08933	1.08933	0.806507	1.45626	0.118431	2.84863	2.84863	0.0560169	1.806557	0.140561	8.76228	5.36925	1
cg12441358	TUBA1A ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENT	0.305499	0.176708	0.351822	-2.84234	0.119373	3.41905	3.41905	0.62908	0.7018844	-1.42482	0.0428744	0.183551	-5.44808	0.564838	0.654866	-1.52703	0.782049	0.817314	-1.22352	0.559256	0.650804	-1.53656	0.748896	1.26315	1.26315	0.674923	1.359111	1.359111	1.45061	12.1565	7.44912	1
cg03122427	P01;ENTPD1;ENTPD1	0.305499	0.549342	1.52655	1.52655	0.582669	0.678763	-1.47327	0.111999	0.298684	-3.34802	0.771969	0.816366	-1.22494	0.0555409	0.219804	-4.54951	0.526458	1.5654	1.5654	0.190261	2.63412	2.63412	0.546816	1.53074	1.53074	0.944095	0.952213	-1.05019	1.45061	11.2006	6.8634	1
cg19111712	TOLLIP	0.305506	0.851951	1.05055	1.05505	0.568084	0.844798	-1.18372	0.365911	0.766096	-1.30532	0.254043	0.711114	-1.40624	0.980401	1.00707	1.00707	0.56174	0.845116	-1.18327	0.161608	1.8292	1.8292	0.624603	0.868125	-1.15191	0.0720185	0.562148	-1.77889	1.45059	1.89008	1.1582	1
cg19078576	BASP1;LOC285696;BASP1	0.305509	0.444377	0.825066	-1.21202	0.505235	1.18135	1.18135	0.134509	1.4885	1.4885	0.641782	1.1242	1.1242	0.583479	0.8724407	-1.14625	0.397928	1.23792	1.23792	0.0410774	0.559313	-1.78793	0.878204	0.962003	1.03853	0.474942	1.19614	1.19614	1.45058	1.3901	0.855449	1
cg06493664	CALB2;CALB2;CALB2;CALB2;CALB2	0.305511	0.563197	0.85146	-1.17445	0.616693	1.15125	1.15125	0.300804	0.7445551	-1.34309	0.786587	0.928056	-1.07752	0.371808	1.28696	1.28696	0.559058	1.17651	1.17651	0.0224125	0.471133	-2.12254	0.386706	0.783392	-1.2765	0.368489	0.77559	-1.28934	1.45057	1.73899	1.06563	1
cg07303187	ZKDC;ZKDC	0.305511	0.363654	0.844722	-1.18382	0.552326	0.998557	-1.00144	0.993873	1.11535	1.11535	0.45964	1.14578	1.14578	0.909726	0.977705	-1.0228	0.70229	0.932936	-1.07188	0.283447	1.04611	1.04611	0.0349728	1.55916	1.55916	0.0680235	1.44688	1.44688	1.45057	0.7506515	0.4599966	1
cg14658067	UNC5	0.305516	0.150653	2.13484	2.13484	0.142218	0.749397	-1.33441	0.555638	1.34018	1.34018	0.462481	1.44297	1.44297	0.290994	1.33446	1.33446	0.0306378	0.616033	-1.62329	0.958099	0.974465	-1.0262	0.0232235	1.80289	1.80289	0.98148	1.01149	1.01149	1.45056	5.56845	3.41229	1
cg17732619	SUT3;SLIT3	0.305516	0.168104	0.639255	-1.56432	0.223485	1.47639	1.47639	0.597728	1.1761	1.1761	0.430309	1.2779	1.2779	0.995183	0.998163	-1.00184	0.648638	1.14998	1.14998	0.999694	1.00012	1.00012	0.0351656	2.1116	2.1116	0.219247	1.48224	1.48224	1.45056	2.13171	1.30629	1
cg16547361	SOX5	0.305516	0.334267	1.40545	1.88625	0.530747	1.65617	1.65617	0.157008	1.51102	1.51102	0.657445	1.70387	1.70387	0.0881022	1.51526	1.51526	0.70081	1.25735	1.25735	0.62952	0.794476	-1.33426	0.0778553	2.08001	2.08001	0.393417	0.595321	-1.67977	1.45056	8.08677	4.95513	1
cg13432470	LOC220729	0.305517	0.9286	0.930296	-1.07493	0.925557	0.927427	-1.07825	0.202852	2.95586	2.95586	0.396749	0.496789	-2.01293	0.515331	0.587541	-1.70201	0.02060208	0.118826	8.41565	0.944648	0.945388	-1.05777	7	7	0.406509	0.504308	0.982091	0.1407	13.2733	9.14957	1
cg26939525	PIGA;PIGA	0.305518	0.141663	0.180377	-5.54199	0.744221	0.95739	-1.05302	0.142592	0.9859691	0.904153	-1.10603	0.102049	0.95551	0.955512	1.046242	0.204777	0.207036	0.0307146	4.86202	0.796374	0.795584	-1.32948	0.782862	1.34907	1.34907	0.0729315	1.442077	1.442077	1.45055	26.9863	16.537	1
cg21465196	ELAC1	0.305519	0.110465	1.28638	1.28638	0.244008	0.838219	-1.19301	0.087648	1.31385	1.31385	0.754314	1.05056	1.05056	0.19777	1.27684	1.27684	0.238552	1.19569	1.19569	0.7861	0.951382	-1.04017	0.932927	1.01226	1.01226	0.919666	0.9855	-1.01471	1.45055	0.4815573	0.295106	1
cg08580591	CUGBP2;CUGBP2;CUGBP2;CUGBP2 BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHL	0.305521	0.522192	1.52696	0.0558713	4.11042	4.11042	0.0563534	4.09612	0.2886455	2.05263	0.271339	0.473497	-2.11195	0.437682	1.67636	1.67636	0.400485	1.7527	1.7527	0.625671	1.37826	1.37826	0.503082	1.55812	1.55812	0.14054	0.78289	5.99495	1
cg09789426	HB9;BHLHB9;BHLHB9;BHLHB9	0.305526	0.110397	0.21417	-4.6692	0.611087	0.634927	-1.57498	0.696351	0.7065139	-1.41535	0.447437	0.9854	0.9854	0.549638	0.584964	-1.70951	0.246599	0.341916	-2.92469	0.0325425	0.109025	-9.17218	0.146519	0.251478	0.397649	0.684885	0.696722	-1.43529	1.45053	18.0235	11.0449	1
cg17731079	CPZ;KIF9;CDC42EP3;CDC42EP3	0.305527	0.099884	1.64368	1.64368	0.992007	0.997026	-1.00229	0.786283	1.08004	1.08004	0.855158	1.0705	1.0704	0.889644	0.962466	-1.039	0.683223	0.8931	-1.1197	0.0229353	0.476027	-2.10072	0.568041	0.852982	-1.17236	0.895429	0.964412	-1.03689	1.4052	1.7444	1.06898	1
cg17726217	PEBP1	0.305532	0.138977	1.73888	1.73888	0.13014	1.49192	1.49192	0.243468	1.28678	1.28678	0.270053	0.78305	-1.27706	0.629047	1.1022	1.1022	0.609087	1.10582	1.10582	0.874565	1.04765	1.04765	0.110421	1.03241	1.03241	0.948267	1.01391	1.01391	1.118323	1.43448	1.43448	1.45051	1.0417	0.638366	1
cg13686307	CDP57B	0.305541	0.765175	0.892745	-1.12014	0.058161	0.444429	-2.25008	0.436479	1.35076	1.35076	0.0723828	0.467951	-2.13698	0.236246	0.624959	-1.6001	0.998141	0.999118	-1.00088	0.276053	0.651069	-1.53594	0.230493	0.620981	-1.61036	0.288209	0.658618	-1.51833	1.45049	3.29544	2.01952	1
cg20556146	HMBOX1;HMBOX1	0.305542	0.191832	0.689717	-1.45033	0.412751	1.05692	1.05692	0.328046	1.40076	1.40076	0.0206774	1.38372	1.38372	0.702497	1.1025	1.1025	0.56912	0.854592	-1.1055	0.0332353	1.98252	1.98252	0.643995	0.88057	-1.1355	0.850709	0.94085	-1.0528	1.42047	1.71264	1.04974	1
cg20455718	C21orf67;C21orf70;C21orf67	0.305548	0.195508	0.818253	-1.22212	0.477721	0.899638	-1.11156	0.322826	1.1614	1.1614	0.543506	0.913844	-1.09428	0.0261902	1.47177	1.47177	0.849196	0.972495	-1.02828	0.704878	0.946418	-1.05662	0.734189	1.0512	1.0512	0.946253	1.00993	1.00993	1.45046	0.4933139	0.302211	1
cg23015664	MAD1L1;MAD1L1;MAD1L1	0.305549	0.122348	1.75855	1.75855	0.0748415	2.25739	2.25739	0.0152506	2.34582	2.34582	0.0179718	1.68253	1.68253	0.0179718	1.68253	1.68253	0.0179718	1.68253	1.68253	0.0179718	1.68253	1.68253	0.0179718	1.68253	1.68253	0.0179718	1.68253	1.68253	1.45046	1.89345	0.8437237	0.5931298	1.47148	1.48557

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg26621704	PARP4	0.305996	0.203875	1.203866	0.203866	1.8135221	0.067863	-1.0332	0.8183567	0.968738	-1.03227	0.3472367	0.14314	1.344146	0.4364455	1.11599	-1.11599	0.5930351	0.328144	-1.07742	0.0280773	1.43133	1.443135	0.2975726	1.1617	1.1617	0.4102311	0.8900128	1.142434	1.44913	0.438556	0.260808	1
cg16187092	ZNF544	0.305997	0.01568335	1.34615	1.34615	0.193666	1.202575	1.202575	0.96473	1.005911	1.005911	0.78702	1.037021	1.03702	1.033703	0.876166	-1.14134	0.9090889	0.984784	-1.01545	0.543747	1.08599	1.085599	0.2818166	0.860595	-1.16199	0.151409	1.229916	1.22916	1.08859	0.413513	0.4135144	0.253648	1
cg15494405	KIAA1274	0.306003	0.4890057	0.87904	-1.1376	0.635974	1.091411	1.091411	0.428329	0.862139	-1.15991	0.691432	0.929428	-1.07593	0.134839	0.74399	-1.3441	0.01407229	0.573474	-1.74376	0.856439	0.9673125	-1.03378	0.9568833	0.990151	-1.00998	0.6244004	0.913451	-1.09475	1.449611	0.7723358	0.473766	1
cg01213573	C14orf115	0.306019	0.90764	1.049255	-1.05346	1.109941	2.185482	2.185482	0.708425	1.18361	1.18361	0.7163552	1.1779	1.1779	1.607252	0.792443	-1.26193	0.6203037	1.25119	1.251119	0.728574	1.1692	1.1692	0.345582	0.579867	-1.72453	0.0400248	1.344753	2.90063	1.49006	4.62095	2.83459	1
cg25678202	VGLL4,VGLL4	0.306019	0.045961	0.670748	-1.49087	0.618854	1.091511	1.091511	0.227842	0.801707	-1.24734	0.314774	0.834023	-1.19001	0.417988	0.865453	-1.15546	0.84518	1.03472	1.03472	0.123318	0.747178	-1.33837	0.786941	0.953801	-1.04844	0.322423	1.19538	1.19538	1.44606	0.699593	0.429147	1
cg01836441	CNOT2	0.306028	0.1168838	0.658116	-1.51949	0.377008	1.249333	1.249333	0.960971	1.01209	1.01209	0.085746	0.627292	-1.59415	0.354014	0.791234	-1.26385	0.359977	1.26193	1.26193	0.242628	0.740613	-1.35023	0.777737	0.932868	-1.07196	0.939858	1.26008	1.26008	1.44606	1.38393	0.8488313	1
cg17282376	DDX39	0.30602	0.315228	1.16266	1.16266	0.265171	1.183856	1.183856	0.080572	1.3248	1.3248	0.944469	1.01016	1.01016	0.710315	0.947294	-1.05564	0.09988844	0.769767	-1.29909	0.271019	0.846785	-1.18094	0.7009996	0.945547	-1.05759	0.950517	1.00905	1.00905	1.44606	0.483353	0.2965	1
cg08389686	GFPT2	0.306022	0.451143	0.746512	-1.33956	0.879568	0.943911	-1.05942	0.6818021	0.825778	-1.21098	0.461266	0.751556	-1.33057	0.0190555	0.539182	-1.85427	0.194363	0.502861	-1.68674	0.610397	0.8322278	-1.21613	0.109853	0.514962	-1.94189	0.188146	0.587997	-1.70969	1.44905	3.32763	2.04126	1
cg15866977	NOTUM	0.306023	0.536245	0.748789	-1.33546	0.680709	2.4466	2.4466	0.204658	1.85059	1.85059	0.242558	1.62528	1.62528	1.254754	1.253955	-1.00245	0.160085	0.499938	-2.00025	0.419997	0.6834668	-1.46313	0.824026	1.10835	1.10835	0.377322	0.658076	-1.51958	1.44905	4.8967	3.00363	1
cg16213976	PIGQ,PIGQ	0.306028	0.348908	1.26152	1.26152	0.645454	0.894395	-1.11807	0.95268	0.985805	-1.0144	0.405721	0.814703	-1.22744	0.545875	1.15865	1.15865	0.198588	1.38722	1.38722	0.0329081	0.548211	-1.82412	0.64136	0.893139	-1.11965	0.479909	1.18888	1.18888	1.44044	1.33196	0.8170691	1
cg27303880	RDH11,RDH1	0.306032	0.264945	1.39959	1.39959	0.714844	0.763898	1.309339	0.8993	1.022953	0.929912	-1.07537	0.302947	0.9703202	0.6372175	1.14732	-1.14732	0.593524	0.838069	1.19322	0.1626568	1.35921	1.359211	0.1028789	1.98522	1.985222	0.0150952	1.590552	1.44003	1.921449	1.37872	1
cg14633504	VTRNA1-1	0.306034	0.523498	1.38067	1.38067	0.924085	1.5188	2.5188	0.976702	0.985336	-1.01468	0.525246	0.537601	-1.86012	0.371062	0.632397	-1.58129	0.827626	1.11494	1.11494	0.926671	0.955121	-1.047	0.506857	1.39931	1.39931	0.0640583	0.354059	-2.82439	1.44002	5.7124	3.50423	1
cg21211343	C7orf25,C7orf25	0.306036	0.520408	1.089583	1.089583	0.02819264	1.93812	1.93812	0.521156	0.934643	-1.06917	0.277013	1.32428	1.32428	0.201315	1.15006	-1.15006	0.193901	1.15035	1.15035	0.1657864	1.02447	1.02447	0.5502658	1.16583	1.16583	0.3960997	1.09402	1.09402	1.44001	0.2463552	0.1511124	1
cg02524047	MAP4K4;MAP4K4;MAP4K4	0.306037	0.551741	1.09455	1.09455	0.16304	1.642752	-1.55581	0.600429	0.642282	-1.55695	0.4159852	0.782343	-1.27821	0.391518	0.771665	-1.2959	0.315163	0.75351	-1.32712	0.812209	0.932142	-1.0728	0.2374644	0.44109	-1.44109	0.138509	0.160137	1.60137	1.44001	2.000555	1.22723	1
cg02528757	RDPN1B	0.306038	0.70533	1.22225	1.22225	0.210745	2.00703	2.00703	0.049366	3.27006	3.27006	0.340596	0.595218	-1.68006	7	7	-1.07	0.177849	0.469341	2.13065	0.884762	0.988962	-1.01014	0.805135	1.13949	1.13949	0.855589	1.10103	1.10103	1.44912	5.693663	3.92902	1
cg12395125	ZNF259	0.30604	0.209148	1.07852	1.07852	0.352016	1.94737	1.94737	0.202356	1.25006	1.25006	0.21822	1.34677	1.34677	0.484301	0.83855	-1.19253	0.545902	0.859574	-1.16337	0.652066	0.638627	0.889564	-1.12415	0.0335421	0.533135	-1.8757	0.461082	0.830317	-1.20436	0.36056	0.7597355	1.14202	0.736485	1
cg03237356	NEIL3	0.306045	0.0744827	0.195212	-5.12264	0.86663	1.14819	1.14819	0.721987	1.3414	1.3414	0.92619	0.926653	-1.07915	0.808614	1.22079	1.22079	0.717111	0.736999	-1.35685	0.183356	3.19174	3.19174	0.440843	1.90827	1.90827	0.0602622	5.7096	5.7096	1.44899	15.5105	9.51501	1
cg01697973	ANKZF1;ANKZF1;ATG9A;ATG9A	0.306048	0.5263576	1.11636	1.11636	0.117494	1.3482	1.3482	0.892376	0.976492	-1.02407	0.183942	1.32364	1.32364	0.127735	1.33557	-1.33557	0.630378	0.91828	-1.08899	0.554993	0.8460603	-1.18203	0.261132	0.813878	-1.22869	0.414088	1.15803	1.15803	1.44898	0.708665	0.434749	1
cg26707845	ODZ4	0.306058	0.292973	0.3283315	3.045503	2.212219	0.567266	0.554134	1.804642	0.430969	2.274445	0.01896002	0.459462	-1.18445	0.6242007	0.7475808	0.476587	-2.09649	0.25238	0.2950648	-3.38928	0.5500353	0.559464	-1.85338	0.0272105	0.257201	-3.88802	1.44898	2.31088	1.44898	0.25198	0.145732	1
cg01369082	LIFR;LIFR	0.30605	0.76276	1.05177	1.05177	0.197159	1.25523	1.25523	0.565847	1.10161	1.10161	0.180731	0.789024	-1.26739	0.409242	1.1511	1.1511	0.111836	1.33469	1.33469	0.993513	1.00136	1.00136	0.301576	0.836565	-1.19536	0.125471	1.31848	1.31848	1.44897	0.637937	0.39135	1
cg12390003	IGSF8	0.306065	0.880669	1.05564	1.05564	0.0354554	1.19554	1.19554	0.265554	1.26556	1.26556	0.763383	1.5594	1.5594	0.2598653	1.16161	1.16161	0.0993269	1.23883	1.23883	0.0350998	0.843269	-1.18569	0.0405067	0.844423	-1.18407	0.0509097	1.05697	1.43366	1.33374	2.98176	1.82921	1
cg15440228	FAM107B	0.306057	0.23748	0.594178	-1.683	0.913591	0.955367	-1.04672	0.540745	0.770675	-1.29756	0.0920909	0.458406	-2.18147	0.917814	0.957511	-1.04437	0.793154	0.895346	-1.11689	0.446632	0.721583	-1.38584	0.0459335	2.61784	2.61784	0.568523	0.784711	-1.27435	1.44895	4.06072	2.49113	1
cg13453191	PDLIM3;PDLIM3	0.306059	0.34656	1.298154	1.298154	0.270133	0.765338	1.07754	0.928397	1.90335	1.90335	0.654576	0.880105	-1.12229	0.2902175	1.13467	1.13467	0.688428	1.1301	1.1301	0.8311553	1.12015	1.120151	0.3992056	1.00746	0.1280687	0.756154	1.32248	1.44894	1.33196	0.8704753	1
cg07764932	ARHGAP6;ARHGAP6;ARHGAP6	0.30606	0.169549	1.72214	1.72214	0.887723	0.948877	-1.05388	0.285013	0.661981	-1.51061	0.134931	0.53956	-1.85336	0.407115	0.729785	1.37027	0.537264	1.792899	-1.26119	0.286903	1.50799	1.50799	0.55549	0.803308	-1.24796	0.103999	0.516693	1.93539	1.44894	3.16652	1.94258	1
cg06934974	PTPN12;PTPN12;PTPN2	0.306068	0.6024	0.876659	-1.14069	0.232065	0.730594	-1.36875	0.772968	1.07514	1.07514	0.848133	0.951108	1.05124	0.848133	0.752148	0.774199	-1.29166	0.737	1.08808	1.08808	0.292285	0.760597	-1.31476	0.443809	1.21596	1.21596	0.020731	0.497863	-2.00858	1.44892	1.43942	0.88306	1
cg15665400	LYPD1;LYPD1	0.306069	0.755532	0.90357	-1.10733	0.837931	0.550467	-1.81674	0.748542	1.18589	1.18589	0.167035	0.872301	-1.14653	0.944209	1.01243	-1.01243	0.151127	1.15719	1.157191	0.0136467	0.554833	-1.80234	0.143352	0.598482	-1.67089	0.488817	1.25803	1.25803	1.44892	2.443538	1.50021	1
cg08776581	RBMX2	0.306073	0.0915209	0.225973	-4.42531	0.278489	0.405763	-2.46449	0.102884	0.259523	-3.85322	0.263256	0.54351	2.54351	0.175881	0.31601	-3.16446	0.211469	0.348646	-2.86824	0.606681	0.659899	-1.51538	0.596909	1.53297	1.53297	0.573995	0.634654	-1.57566	1.4489	14.7026	9.01994	1
cg18201505	TMEM181	0.306078	0.645264	0.782023	-1.27868	0.952707	1.110511	1.110511	0.855163	0.909583	-1.09952	-1.00477	0.510799	1.958102	0.761982	0.535129	-1.86791	0.406688	0.613547	-1.63001	0.616828	0.229519	-4.55342	0.0761882	0.510707	-1.95843	0.0310107	0.333099	0.588925	-1.69801	1.44889	6.45319	3.995901	1
cg05677476	FUBP1	0.306078	0.771188	0.93676	1.03676	0.376669	1.115857	1.115857	0.152181	1.20909	1.20909	0.634623	0.942461	-1.06105	0.0900707	1.26017	1.26017	0.50716	0.920078	1.08686	0.207014	0.848131	-1.17906	0.98113	0.9907077	-1.00293	0.135725	1.22021	1.22021	1.44889	0.351597	0.215704	1
cg25137691	ATG9B	0.306087	0.0470537	2.3216	2.3216	0.5046091	0.778083	-1.28521	0.719306	0.88359	-1.13175	0.70313	0.711114	-1.40624	0.128334	0.543804	-1.8389	0.886075	1.05456	1.05456	0.938262	0.977101	-1.02912	0.344367	1.43469	1.43469	0.386658	1.38918	1.38918	1.44886	3.15136	1.93339	1
cg17403708	CLYP;CLYP	0.306092	0.132675	1.3489	1.3489	0.7502744	0.709783	-1.41011	0.555307	0.755245	-1.32413	0.561007	0.625552	-1.59844	0.0204884	1.18733	1.18733	0.466824	0.637547	-1.56851	0.0184828	0.229519	-4.55342	0.0761882	0.510707	-1.95843	0.0310107	0.333099	0.588925	-1.69801	1.44889	6.45319	3.995901	1
cg26561413	NLRP1;NLRP1;NLRP1;NLRP1;NLRP1	0.306103	0.763342	0.8494	-1.13002	0.108082	0.491804	-2.03333	0.330487	0.665996	-1.50151	0.173116	0.556114	-1.79819	0.681222	0.84603	-1.18199	0.617394	1.22613	1.22613	0.0946023	0.210376	2.103376	0.317326	0.51956	1.51956	0.807209	0.905774	-1.10403	1.44881	3.75979	2.30674	1
cg16955490	SLC38A2;SLC38A2	0.306105	0.2509931	0.701731	-1.42545	0.2837815	1.385665	1.385665	0.595497	1.167653	1.167653	0.141741	1.140438	1.59721	1.59721	0.351943	1.132102	0.273628	1.18968	1.18968	0.270954	0.712895	-1.40273	0.225722	0.6880843	-1.45594	0.467479	1.24396	1.24396	1.44881	0.8008	0.5153	1
cg10780736	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.306112	0.571381	1.14301	1.34081	0.117574	2.90443	2.90045	0.119775	2.376	2.376	0.559988	1.763525	1.76352	0.7790394	0.877365	-1.13978	0.614374	0.770682	1.297755	0.2881	1.82054	1.820541	0.117223	2.09846	2.098461	0.0281781	0.56499	-1.76984	1.44879	6.03192	3.39013	1
cg18131734	RASGEF1C	0.306115	0.819005	1.11857	1.11857	0.7856653	1.51342	1.51342	0.202914	1.92928	1.92928	0.266435	1.76137	1.76137	0.7194772	0.8976655	-1.11403	0.5529828	1.26945	1.269454	0.0883359	2.13227	2.132271	0.171162	2.03878	2.03878	0.0137961	1.65641	1.65641	1.44879	5.484632	3.36486	1
cg18420288	PPM1D	0.306113	0.1109972	0.570335	-1.75335	0.58908	1.19286	1.19286	0.509473	1.24159	1.24159	0.242092	0.673062	-1.48575	0.619649	0.850608	-1.17563	0.6228892	0.851902	-1.17384	0.0653286	0.512206	-1.95234	0.909955	0.9640676	-1.03726	0.215029	1.52508	1.52508	1.44878	2.39946	1.47217	1
cg21103400	MIR127;BTL1	0.306142	0.7546424	1.08142	1.08142	0.5305454	1.18554	1.18554	0.265564	1.26556	1.26556	0.763383	1.13178	1.13178	0.602721	1.12653	1.12653	0.2218282	1.14861	1.14861	0.0656026	1.08599	1.085991	0.5966897	1.22722	1.22722	0.1205427	1.20527	1.20527	1.44878	1.37504	1.0012	1
cg02025870	POLR3E	0.306122	0.345738	0.682061	-1.46614	0.3340091	0.377162	-2.65138	0.156607	0.55043	-1.81676	0.521446	0.774096	-1.29183	0.11901	0.513395	-1.94782	0.165832	0.558599	-1.79019	0.426536	0.726209	-1.37701	0.661755	1.18942	1.18942	0.994515	0.997295	-1.00271	1.44876	1.56261	2.18585	1
cg24980032	EP400	0.306127	0.6043163	0.811431	-1.23239	0.367991	1.63114	1.63114	0.998202	0.998809	-1.00119	0.945196	0.964279	-1.03704	0.0423003	0.290093	-3.44717	0.261148	0.537909	-1.85905	0.0562659	0.3186091	-3.13864	0.954144	1.03089	1.03089	0.945294	0.964342	-1.03698	1.44874	6.42375	3.94134	1
cg20616288	GPT	0.306128	0.28105	1.2466	1.2466	0.7302244	1.54564	1.54564	0.765328	1.14051	1.14051	0.0955162	1.32052	1.32052	0.1484024	0.7606358	-1.31452	0.8594948	0.835982	-1.1962	0.0152459	0.1077113	-9.31596	0.0874694	0.148552	-6.73164	0.4496135	0.458527	-2.18089	1.44874	4.38187	2.98317	1
cg19132496	RHOT1;RHOT1;RHOT1	0.306136	0.864273	1.03406	1.03406	0.808569	1.04867	1.04867	0.916385	1.02077	1.02077	0.0210002	0.580651	-1.72221	0.541106	1.12877	1.12877	0.934405	1.01625	1.01625	0.119373	0.718287	-1.3922	0.883722	0.971754	-1.02907	0.544016	1.12776	1.12776	1.44872	0.879501	0.539635	1
cg15573231	FMNL2	0.306137	0.3810071	1.2439	1.2439	0.7232134	1.48786	1.48786	0.663644	1.08209	1.08209	0.0441653	0.554644	-1.80294	0.0222454	1.41367	1.41367	0.583834	1.14789	1.14789	0.0146846	1.13013	1.130131	0.2110444	1.5183	1.5183	0.1681439	1.07868	1.07868	1.44872	2.438348	1.50021	1
cg10963893	BAT5	0.306141	0.312436	0.671425	-1.48937	0.283778	1.52888	1.52888	0.148786	1.80462	1.80462	0.803586	0.910385	-1.09844	0.562328	1.25023	1.25023	0.486321	0.763629	-1.30954	0.109773	0.5144664	-1.94377	0.460376	0.750859	-1.33181	0.164543	0.568816	-1.76007	1.4487	3.33474	2.04611	1
cg20039981	CDH24;CDH24	0.306141	0.6870991	0.814128	-1.22804	0.390407	0.499164	-2.00311	0.388911	0.689172	-1.45101	0.964142	0.689172	-1.45101	0.964142	1.03547	1.03547	0.849149	0.761447	-1.31313	0.0312258	0.622298	-1.60695	0.0185424	0.949045	-1.05382	0.0345	0.497222	2.01545	1.44869	4.64227	2.99594	1
cg07507680	DOCK4;ZNF277	0.306145	0.6504969	0.7968	1.03566	0.2536125	0.559443	1.0971	0.499287	0.794798	-1.25819	0.707561	0.61683	-1.62183	0.653451	1.23273	1.23273	0.331492	1.60222	1.60222	0.1284206	0.906587	-1.10304	1.027766	1.28233	1.28233	0.0127251	1.73219	1.73219	1.44865	5.067644	2.64379	1
cg20406962	PRKCE	0.306145	0.0452984	0.66787	-1.4973	0.560633	1.10897	1.10897	0.0958013	0.725081	-1.37915	0.263737	0.81482	-1.22726	0.153687	0.764525	-1.308	0.483462	0.882334	-1.13336	0.847215	1.03449	1.03449	0.498762	0.886293	-1.1283	0.237406	0.804468	-1.24306	1.44869	0.708951	0.435	1
cg02086069	BST4	0.306155	0.2676353	1.36199	1.36199	0.6848825	0.755245	-1.32413	0.561007	0.810783	-1.23385	0.615455	0.749888	-1.33398	0.5934652	1.19565	1.19565	0.464683	1.24027	1.24027	0.1944553	0.9530302	1.053652	0.2397321	0.47152	-2.12046	0.0421	0.4349359	-2.30224	0.6581003	0.672376	0.487856	0.664381	1
cg17371067	CEBPB;CEBPB	0.306173	0.341428	0.762481	-1.31151	0.274908	1.36922	1.36922	0.682309	1.12058	1.12058	0.861209	1.0496	1.0496	0.197829	1.45722	1.45722	?	?	?	0.042664	0.524381	-1.90701	0.811848	0.936162	-1.06819	0.912043	0.969896	-1.03104	1.44875	1.56073	1.0773	1
cg16381019	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.306162	0.358302	0.7943676	-1.3505	0.2778868	1.49239	1.49239	0.422779	1.3056	1.3056	0.508189	1.23834	1.23834	0.0423678	0.479553	-2.10547	0.673383	1.14432	1.14432	0.19421	0.544215	-1.55237	0.567865	0.832051	-1.20185	0.840762	1.06616	1.06616	1.44864	2.32687	1.42777	1
cg00611469	PSD	0.306163	0.272086	0.8305952	1.20396	0.540859	0.904389	-1.10572	0.896879	0.920127	-1.02127	0.323786	1.1799	1.1799	0.779804	0.955521	-1.04655	0.952419	1.00973	1.00973	0.34018	1.29386	1.29386	0.157526	0.807784	-1.23795	0.0639398	0.731179	1.36217	1.44864	0.6046612	0.3709992	1
cg11082907	CABLES1;CABLES1	0.306171	0.409662	0.877755	-1.1395	0.413038	1.13849	1.13849	0.10905	1.31106	1.31106	0.91173	1.01733	1.01733	0.1129	1.30659	1.30659	0.218739	1.22198	1.22198	0.331866	0.856866	-1.16704	0.269992	0.83693	-1.19484	0.988342	1.00227	1.00227	1.44861	0.551066	0.338142	1
cg07554794	BMP6	0.306178	0.345059	1.2455	1.2455	0.7205556	1.4172	1.4172	0.354975	1.08468	1.08468	0.124559	0.746475	1.33948	0.8324437	0.900862	-1.11003	0.583384	1.14789	1.14789	0.0146846	1.13013	1.130131	0.2110444	1.5183	1.5183	0.1681439	1.07868	1.07868	1.44861	2.438348	1.50021	1
cg04179398	UBAC1	0.306189	0.122391	0.78783	-1.26931	0.149008	1.24663	1.24663	0.852004	0.973747	-1.02696	0.78129	0.961489	-1.04005	0.88529	1.02078	1.02078	0.795833	1.03763	1.03763	0.0513859	0.729089	-1.37157	0.956835	0.99232	-1.00774	0.373249	1.13906	1.13906	1.44856	0.465515	0.285657	1
cg10588168	LOC283731;ISLR2;ISLR2	0.306192	0.173049	1.338809	-1.07789	0.6548809	0.209764	-4.76726	0.143347	0.386176	-2.2661	0.221792	0.380336	-2.62925	0.503935	0.600237	-1.66601	0.059857	0.25249	-3.96055	0.224166	0.2864282	-3.49255	0.0105357	0.264288	-3.78376	0.244555	12.9954	7.07451	1
cg08427575	YAH4G	0.306194	0.451926	0.781263	-1.27998	0.45687	0.783446	-1.27641	0.479989	1.2602	1.2602	0.145873	0.604777	-1.6535	0.0577353	0.50101	-1.99597	0.052767	0.492072	-2.03222	0.847264	0.1604208	0.782489	0.914717	-1.09323	0.885199	0.954533	-1.04763	1.44854	2.38011	1.46054	1
cg13542073	C5orf134	0.306196	0.2513	0.429587	-2.32782	0.0504973	0.207781	-4.81276	0.151713	0.338678	-2.95266	0.634166	1.40207	1.40207	0.322992	0.486923	-2.05371	0.213336	0.397005	-2.51886	0.0921063	0.2706123	-3.69532	0.45756	0.586656	-1.70458	0.8708858	1.12153	1.12153	1.44854	11.4008	6.99607	1
cg27107343	MBOAT1	0.306278	0.3472322	0.5836737	-1.71325	0.4744191	1.31613	1.31613	0.11274	0.62269	-1.60614	0.10773	1.16731	1.16731	0.0497149	0.5614544	-1.78137	0.4092625	0.5247	-1.90647	0.1013708	0.4248418	-2.33417	0.0228985	0.4249	-2.35197	0.0154595	0.795351	-1.25731	0.7602509	0.843452	-1.1856	0.44647	1.44847	0.7097	0.35545	1
cg27366532	CREBBP;CREBBP	0.30628	0.125111	2.94006	2.94006	0.38252	0.558905	-1.78921	0.50923	0.64729	-1.5449	0.531513	1.50942	1.50942	0.962483	0.957173	-1.04474	0.753124	0.814669	-1.22749	0.734613	1.24737	1.247373	0.0355414	4.9024	4.9024	0.249137	2.18695	2.18695	1.44847	9.6812	5.94111	1
cg27243240	CDC42EP2	0.306283	0.3104764	1.24004	-1.25899	0.4644259	0.747414	-1.34344	0.618765	0.710068	-1.40816	0.469051	1.10608	1.10608	0.833802	0.977662	-1.02305	0.089663	1.56106	1.561056	0.0018307	0.2826458	-3.53859	0.0127962	0.942593	-1.0609	0.1038236	1.15529	1.15529	1.44846	2.263732	1.42737	1
cg01505415	OLFML2B	0.30623	0.314763	1.41605	1.41605	0.147993	1.68094	1.68094	0.617952	1.18325	1.18325	0.297107	0.696465	-1.43582	0.550937	1.22373	1.22373	0.220394	0.649751	-1.53905	0.0903799	0.535556	-1.86722	0.876577	0.35339	1.05339	0.451344	1.29279	1.29279	1.44844	2.56893	1.57652	1
cg18575809	FLI10357	0.306242	0.247373	0.356676	-2.80367	0.892544	0.891182	-1.1221	0.888993	1.12642	1.12642	0.125254	0.243077	-4.11403	0.0638126	0.169123	-5.90586	0.557165	0.60285	-1.65879	0.065658	0.171904	-5.81721	0.308554	0.407249	-2.4555	0.138915	0.257238	-3.88745	1.4484	16.667	10.2286	1
cg27839635	TCTEX1D1	0.306258	0.236991	1.4207	1.4207	0.8130374	1.57467	1.57467	0.417355	1.07711	1.07711	0.0196417	0.379739	-2.63321	0.0148459	0.9680662	-1.03075	0.724997	0.488243	-2.04867	0.0128602	0.1403056	-7.12707	0.0493302	0.1384	1.1384	0.0001	0.1384	1.1384	1.44845	1.1828	1.18282	0.740828	1
cg18062196	DHX40;DHX40	0.306259	0.290872	1.68717	1.68717

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	
cg17656474	IQSEC3	0.306593	0.301368	0.83561	1.22472	0.548666	1.29175	1.12175	0.834214	0.9611	1.04047	0.560104	0.896208	1.11606	0.816067	0.956848	1.0451	0.160093	0.752667	1.3281	0.0202097	0.623583	1.60303	0.0958971	0.707366	1.41369	0.301445	0.816538	1.22468	1.44736	0.825543	0.504546	1
cg02537519	MMP28	0.306593	0.171934	0.60169	1.66199	0.233472	1.54716	1.54716	0.0420775	2.26658	2.26658	0.699526	0.873286	1.1451	0.810611	0.919549	1.08749	0.284111	1.47514	1.47514	0.447144	0.762981	1.13065	0.824772	1.08055	1.08055	0.983058	1.00745	1.00745	1.44736	2.79783	1.71827	1
cg12110584	FBXW9	0.306599	0.686694	0.882174	1.13356	0.96219	1.01476	1.01476	0.402863	1.30301	1.30301	0.928933	0.972797	1.02796	0.0389205	0.477528	2.09412	0.231095	0.678154	1.47459	0.955454	0.982877	1.01742	0.0666559	0.529528	1.88847	0.830193	1.06865	1.06865	1.44734	2.19117	1.34571	1
cg07757007	HNMT;HNMT	0.306601	0.182262	0.528096	1.89037	0.0874956	0.428063	2.3362	0.178537	5.52758	5.90202	0.0686631	0.39985	2.50934	0.10651	0.452583	2.20954	0.437649	0.703377	1.4217	0.174479	0.522185	1.91503	0.916672	1.0482	1.0482	0.778742	1.081	1.11507	1.44734	4.63797	2.84843	1
cg19000879	RILP	0.306603	0.905694	0.756621	1.32167	0.826448	1.67655	1.67655	0.4548	5.99868	5.99868	0.134972	0.45157	2.45.6157	0.0665949	126.514	126.514	0.752352	2.10624	2.10624	0.562271	0.36975	2.70395	0.122096	51.5808	51.5808	0.0472658	108.866	108.866	1.44733	126.933	77.957	1
cg10962754	TTLL10;TTLL10	0.306606	0.32718	0.640127	1.56229	0.443659	1.41119	1.41119	0.393177	0.679935	1.47073	0.411414	0.690445	1.44834	0.0434379	0.930609	1.07469	0.524839	0.752618	1.3287	0.250734	0.588025	1.69772	0.741089	1.15747	1.15747	0.0762909	0.419048	2.38636	1.44732	4.45882	2.73818	1
cg26584493	STX5	0.30661	0.380265	0.782194	1.27846	0.963354	0.987538	1.01262	0.858132	1.05005	1.05005	0.489746	1.21107	1.21107	0.0400116	1.91136	1.91136	0.606225	1.15248	1.15248	0.113465	0.62494	1.60015	0.432336	1.24448	1.24448	0.464222	1.22547	1.22547	1.44731	1.70761	1.04876	1
cg20156713	YIF1A	0.306613	0.365342	0.629675	1.59354	0.266269	1.80234	1.80234	0.0379375	2.78421	2.78421	0.508343	1.40579	1.40579	0.130939	0.669586	2.2884	0.648043	1.26275	1.26275	0.229746	0.60515	1.65225	0.914961	0.940981	1.05599	0.534262	0.727571	1.37425	1.44731	5.90613	3.62705	1
cg12423344	AES;AES;AES	0.306615	0.208666	0.461435	2.16715	0.203541	2.18588	2.18588	0.078518	3.5721	3.5721	0.163788	0.663398	1.50739	0.961021	1.02889	1.02889	0.575516	0.719181	1.3904	0.238867	0.722768	1.38515	0.859814	1.1085	1.1085	1.44731	1.78266	4.77986	1	
cg24375215	TBC1D16	0.306627	0.596141	1.34772	1.34772	0.2370853	4.30578	4.30578	0.0405814	3.74101	3.74101	0.560578	1.38866	1.38866	0.734276	1.20936	1.20936	0.500502	1.46454	1.46454	0.558286	1.39139	1.39139	0.357515	1.69546	1.69546	0.229887	2.01955	2.01955	1.44726	7.13543	4.38249	1
ch.12.35799091	KNTC1	0.306634	0.029052	0.474922	2.10613	0.171102	0.613356	1.63664	0.012829	0.012625	1.09574	0.0799804	0.595051	1.75454	0.274402	0.707955	1.41283	0.975602	0.99118	1.00889	0.980173	0.775051	1.29034	0.963107	0.762007	1.31221	0.654872	0.863453	1.15814	1.44724	1.9397	1.17907	1
cg11085616	KBTBD11	0.306635	0.644198	0.720338	1.38824	0.0326912	0.52896	1.82896	0.104653	3.49394	3.49394	0.561558	0.66098	1.5129	0.537637	0.643886	1.55307	0.877442	1.115	1.115	1.0.388808	1.864446	0.470007	1.6794	0.667115	0.736964	1.35692	1.44724	1.404	7.00428	1	
cg03170725	DNAJC56	0.306635	0.205033	0.779985	1.28208	0.726274	1.62749	1.62749	0.821384	1.04292	1.04292	0.0798429	0.696466	1.43504	0.857637	0.967284	1.03393	0.659557	0.668752	1.4953	0.505913	1.13363	1.13363	0.178473	0.765215	1.30427	0.600753	0.90654	1.1031	1.44724	0.791476	0.486122	1
cg19471725	CCDC37	0.306635	0.752838	1.14473	1.14473	0.0299448	2.7388	2.7388	0.695784	1.16768	1.16768	0.0782698	2.16344	2.16344	0.0854624	2.11698	2.11698	0.925274	1.0377	1.0377	0.342819	1.47041	1.47041	0.509994	1.30167	1.30167	0.531664	1.28394	1.28394	1.44724	1.56714	2.19002	1
cg05920725	MYO1C;MYO1C;MYO1C	0.306635	0.453023	0.72828	1.3731	0.765536	0.883338	1.13207	0.564151	1.27327	1.27327	0.395772	0.671076	1.48936	0.0576725	0.410544	2.4358	0.0725614	0.43562	2.29558	0.880121	1.0046	0.9957	1.0042	1.3395	1.3395	0.364408	1.47194	1.47194	1.44724	3.94329	2.42196	1
cg04182209	CHAC1;CHAC1	0.306638	0.387462	0.759143	1.31738	0.123178	1.68121	1.68121	0.405087	0.7674827	1.49286	0.362515	1.33827	1.33827	0.416834	0.737294	1.29451	0.516255	1.22722	1.22722	0.320422	0.726604	1.37626	0.146776	0.616033	1.62329	0.0788486	1.4192	1.4192	1.44723	2.2181	1.36236	1
cg04548841	CNIH4	0.30664	0.237123	1.29629	1.29629	0.665275	0.912835	1.09549	0.691976	0.919956	1.08701	0.570026	1.12781	1.12781	0.225366	1.30575	1.30575	0.373363	1.06229	1.06229	0.0265393	0.576423	1.73484	0.672658	1.09312	1.09312	0.908956	1.02426	1.02426	1.44722	1.00617	0.617996	1
cg19609062	PSMB8;PSMB8;PSMB8	0.306642	0.24672	0.397001	1.51635	0.839013	0.978705	1.02176	0.191592	0.869906	1.15053	0.675734	1.04554	1.04554	0.413407	1.09251	1.09251	0.193766	1.15661	1.15661	0.0572202	0.79641	1.25563	0.554256	1.06535	1.06535	0.826752	0.977072	1.02347	1.44722	0.256642	0.157631	1
cg07449572	LDLR4	0.306647	0.905384	0.960733	1.04087	0.851835	1.06502	1.06502	0.0643582	0.496523	2.01401	0.288521	0.689907	1.44947	0.255114	0.670137	1.49203	0.870654	0.946581	1.0564	0.0433611	0.624733	1.60163	0.268737	0.983074	1.01707	0.984074	0.530107	1.88641	1.4472	1.61906	1.159779	1
cg22223709	PPP1R2P9	0.306648	0.11747	6.25836	6.25836	0.0603124	9.82657	9.82657	0.905141	1.13722	1.13722	0.419158	0.410676	2.43501	0.190621	0.22429	4.45851	0.262176	3.5291	3.5291	0.843862	1.237	1.237	0.800225	0.760713	1.31456	0.986856	1.01793	1.01793	1.4472	2.66648	16.3779	1
cg03178222	SULT1A1;SULT1A1;SULT1A1	0.30665	0.220317	0.450056	2.22275	0.0271157	0.59104	1.69204	0.144852	0.88519	2.59612	0.879022	0.991377	1.00914	0.914389	1.09359	1.09359	0.718581	0.802403	1.2462	0.175844	0.416564	2.40348	0.241339	0.954977	1.04731	0.952888	1.05288	1.05288	1.44719	8.50795	5.22571	1
cg07212204	ZSWIM5	0.306663	0.945489	0.979051	1.02114	0.799244	1.08212	1.08212	0.541978	0.823965	1.21066	0.137962	1.63993	1.63993	0.663941	1.14519	1.14519	0.805106	1.07957	1.07957	0.111138	1.71164	0.581958	1.62856	0.663754	1.50497	0.243074	2.04097	2.04097	1.44715	2.19802	1.35009	1
cg26983198	TNNT3;TNNT3;TNNT3;TNNT3	0.306663	0.307431	0.51683	1.9322	0.139372	0.76126	1.31339	0.821384	1.04292	1.04292	0.0798429	0.696466	1.43504	0.857637	0.967284	1.03393	0.659557	0.668752	1.4953	0.505913	1.13363	1.13363	0.178473	0.765215	1.30427	0.600753	0.90654	1.1031	1.44724	0.791476	0.486122	1
cg05585630	PTPRN2;PTPN2;PTPRN2	0.306667	0.378106	1.1953	1.1953	0.215664	1.29314	1.29314	0.339621	1.21428	1.21428	0.226837	0.778559	1.28442	0.494934	1.1465	1.1465	0.576916	1.1176	1.1176	0.229167	1.28266	1.28266	0.0795707	0.681225	1.46794	0.84997	0.963333	1.03806	1.44714	0.891932	0.547858	1
cg21031687	MEG3;MEG3;MEG3	0.306668	0.894793	0.976737	1.02382	0.113616	0.736316	1.35833	0.93214	0.982979	1.01732	0.91102	1.1694	1.16924	0.889604	0.975595	1.02502	0.288288	1.21667	1.21667	0.0317333	1.56504	1.56504	0.729341	1.06372	1.06372	0.836753	1.03739	1.03739	1.44714	0.7253	0.545554	1
cg25201004	1-Mar	0.306677	0.720362	0.840308	1.19005	0.594228	1.05268	1.05268	0.0281132	1.5266	1.5266	0.999384	0.998974	1.00013	0.999384	0.999974	1.00013	0.708021	1.04292	1.04292	0.26026	0.880064	1.1337	0.826052	1.06206	1.06206	0.765842	1.30575	0.443314	1.11508	1.44712	1.40962	0.609858	0.374605	1
cg15478817	DDX18	0.306679	0.184359	0.338513	-2.95409	0.905719	0.91363	1.09453	0.477197	1.73734	1.73734	?	?	?	?	?	?	0.135684	0.289347	3.45605	?	?	?	0.317917	2.20551	2.20551	?	?	?	1.44713	7.41376	7.00768	1
cg27140880	RPL37A	0.306681	0.451003	1.2334	1.2334	0.0411515	1.90323	1.90323	0.167322	1.18382	1.17382	0.589471	1.16045	1.16045	0.894337	0.964353	1.03698	0.798502	0.913509	1.0728	0.0107105	1.15449	1.16182	0.861946	1.35331	1.35331	0.397122	1.26724	1.26724	1.44711	1.71004	1.0504	1
cg13271632	RNF6;RNF6;RNF6;RNF6	0.306699	0.821403	0.797772	-1.25349	0.0734646	1.34658	1.34658	0.426828	2.62158	6.8258	0.847	0.824463	-1.21291	0.932652	1.08813	1.08813	0.91403	1.89771	-1.11395	0.111122	1.07625	-5.56956	0.585503	-1.70793	0.966268	1.958624	-1.04316	1.44705	22.8835	14.0568	1
cg05330754	COX7B2	0.306705	0.334949	0.809054	-1.23601	0.21381	1.32163	1.32163	0.0468108	0.615765	-1.624	0.13813	0.711674	-1.40514	0.454444	0.850161	-1.17625	0.811022	1.05236	1.05236	0.579521	0.88771	-1.12649	0.967341	1.00876	1.00876	0.239792	0.76933	-1.29983	1.44703	1.0402	0.63898	1
cg02622295	FGFR3;FGFR3;FGFR3	0.306711	0.747382	1.0241	1.0241	0.0155	0.503619	1.98615	-1.15861	0.865393	1.15599	0.865603	-1.0421	0.92068817	1.08742	1.08742	1.0421	1.120099	1.12099	1.12099	0.141289	0.914907	1.09378	0.914522	-1.22771	0.203829	1.33771	1.38717	0.591347	1.19744	1.44702	1.19744	0.838286	1
cg26148331	RPS6KA2	0.306715	0.112125	1.42583	1.42583	0.967651	0.991718	-1.00835	0.47658	0.862061	-1.16001	0.232441	1.29278	1.29278	0.235966	1.29005	1.29005	0.190852	1.32849	1.32849	0.0447188	0.6041	1.6041	0.489482	1.15486	1.15486	0.326606	1.23083	1.23083	1.44687	1.44	0.963782	0.592049	1
cg10985055	TRIM26	0.30672	0.13623	1.5351	1.5351	0.0942238	0.55	1.79.6231	0.0881102	1.3494	1.3494	0.146728	0.75628	1.32228	0.756528	1.32228	0.756528	0.0918684	1.08708	1.08708	0.865032	0.894984	1.11798	0.894984	0.976576	1.02406	0.976576	1.02406	0.944844	1.05981	1.44685	1.76664	1.26.1811	1	
cg26290089	PLEKHG3	0.306722	0.857551	0.942079	-1.06148	0.427456	0.764097	-1.30873	0.806743	1.0848	1.0848	0.318137	1.40869	1.40869	0.76057	1.10683	1.10683	0.536919	1.58894	1.58894	-1.69797	0.464158	0.780811	-1.28072	0.541127	1.22807	1.22807	0.0314762	0.432664	-2.31126	1.44698	2.52732	1.55255	1
cg14278345	IL17REL;IL17REL	0.30673	0.0322689	3.32057	3.32057	0.253874	1.76885	1.76885	0.607135	1.28721	1.28721	0.347554	1.58876	1.58876	0.211805	1.84901	1.84901	0.299487	1.67312	1.67312	0.279204	1.73145	1.73145	0.861988	1.08685	1.08685	0.0546807	2.83821	2.83821	1.44696	5.25045	3.22544	1
cg05148629	NAB1	0.306733	0.191801	0.57394	1.74233	0.1884	1.01573	1.01573	0.122003	1.1268	1.1268	0.0816116	1.38926	1.38926	0.127617	0.929328	1.07556	0.214603	0.893975	1.4193	0.323277	0.809399	1.23566	0.818316	1.06206	1.06206	0.607219	1.64497	1.64497	1.44692	1.13642	0.692957	1	
cg20908326	TRIM44	0.306743	0.412762	0.587484	-1.70217	0.187635	1.4278	1.4278	0.12439	2.87722	2.87722	0.850128	0.886783	-1.12767	0.150676	0.375907	2.66023	0.665435	0.758547	-1.31831	0.113711	0.335154	2.9837	0.968518	0.975242	-1.02539	0.578898	0.700398	-1.42776	1.44692	9.24608	5.68018	1
cg22281207	MAT2A	0.306758	0.983936	0.999302	-1.0041	0.979254	0.98552	1.01452	0.522158	0.99222	1.00272	0.659373	0.915127	1.09274	0.206177	0.768204	1.30168	0.689664	1.47214	1.47214	0.276542	0.99268	1.00763	0.560353	0.957989	1.04393	0.768224	1.17195	0.507941	1.11106	1.44692	0.899917	0.550991	1
cg24773522	SNUPN;SNUPN;SNUPN;SNUPN;SNUPN	0.306744	?	?	?	0.467636	0.0487	2.04087	0.0162518	1.58	1.58	0.805	1.58	1.58	0.799691	1.27744	1.27744	0.108128	3.95886	3.95886	?	?	?	?	?	?	?	?	?	1.44691	1.44835	19.01	11.176	1
cg07491357	VAPA;VAPA	0.30675	0.645984	1.04859	1.04859	0.714836	0.963059	-1.03836	0.600009	1.0578	1.0578	0.993173	0.914185	-1.09387	0.611035	1.05402	1.05402	0.815524	1.02426	1.02426	0.0723983	0.814118	-1.22832	0.251483	1.13076	1.13076	0.0728936	1.22779	1.22779	1.4469	0.2411	0.148125	1
cg08057916	RECQL5;;;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 Ratio/1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 Ratio/1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 Ratio/1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T Ratio/121T vs. N)	Fold-Change(121T vs. N)	p-value(537T Ratio/537T vs. N)	Fold-Change(537T vs. N)	p-value(537T Ratio/537T vs. N)	Fold-Change(537T vs. N)	p-value(547T Ratio/547T vs. N)	Fold-Change(547T vs. N)	p-value(563T Ratio/563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df(1)	df(2)
cg01193505	DPP6	0.307173	0.440656	0.6659	-1.5108	0.32619	0.587464	-1.70223	0.437874	0.66017	-1.51476	0.567497	0.615223	-1.62503	0.0509732	0.311431	-3.21099	0.536792	0.720212	-1.38848	0.482285	0.149455	0.205091	0.6496	-2.02184	0.0255158	0.248395	4.012584	5.4654	3.87662	1	1
cg13628532	RP59	0.307182	0.79637	1.05904	1.05904	0.994179	0.998439	-1.00156	0.993205	0.998063	-1.00194	0.493007	0.856399	-1.16699	0.849143	0.843114	1.04314	0.35707	0.810508	-1.23379	0.26	0.273873	1.29773	0.0163276	0.521393	-1.91794	0.989675	1.00287	1.002087	0.14662	1.12645	0.692635	1	1
cg03242905	ADPRHL1;ADPRHL1	0.307184	0.0218345	0.35987	-2.77878	0.519433	0.76484	-1.27447	0.467315	0.758072	-1.31914	0.261928	0.647629	-1.54409	0.2003306	0.605075	-1.65269	0.253712	0.642324	-1.55685	0.424908	1.3534	3.3534	0.456204	0.754407	-1.32554	0.387167	0.719508	-1.38984	1.44661	3.15768	1.94162	1	1
cg07221518	SSBP3;SSBP3	0.307184	0.143186	0.498948	-2.00642	0.374632	1.49584	1.49584	0.822796	0.905635	-1.1042	0.528194	0.753973	-1.32631	0.028738	0.31984	-3.12656	0.239558	0.580293	-1.72327	0.372389	0.667187	-1.49881	0.785601	1.12805	1.12805	0.399378	0.680521	-1.46946	1.44661	4.47082	2.74905	1	1
ch.15.92072?F	HERC1	0.307187	0.117989	0.4879	-2.0496	0.368163	1.47815	1.47815	0.183086	1.81708	1.81708	0.807972	0.902178	-1.10843	0.158263	0.528151	-1.89211	0.242862	0.596494	-1.67646	0.419428	0.705552	-1.41733	0.46903	0.732391	-1.36539	0.403425	1.43544	1.43544	1.43544	0.4166	4.09216	2.51623	1	1
cg19548487	ZNF8	0.307193	0.265543	0.810049	-1.23446	0.0494016	1.56255	1.56255	0.603309	1.09986	1.09986	0.917156	0.985785	-1.01442	0.698403	1.07325	1.07325	0.145889	0.753167	-1.32773	0.277474	0.834594	-1.2276	0.871844	0.977113	-1.02975	0.505432	1.13054	1.13054	1.44559	0.75475	0.464095	1	1
cg08605645	PLEKHF2	0.3072	0.95874	0.902098	-1.00796	0.706862	1.01564	1.01564	0.587985	0.659528	-1.08751	0.421058	0.513964	-1.94633	0.113433	0.633611	-2.93013	0.189251	1.23769	1.23769	0.021734	0.655392	1.52538	0.185194	0.939419	-1.06449	0.656044	0.933572	-1.07115	1.44556	0.5383111	0.3310312	1	1
cg21680825	PLEKHA5;PLEKHA5;PLEKHA5	0.307203	0.463631	0.691354	-1.44644	0.028265	0.277609	-3.60219	0.136536	0.452184	-2.21149	0.608007	1.29174	1.29174	0.329847	0.608013	-1.6447	0.721985	0.837967	-1.19336	0.538273	0.734677	-1.36114	0.282492	0.575459	-1.73774	0.434706	1.48346	1.48346	1.44556	5.60521	3.44671	1	1
cg22630628	CDH23;CDH23	0.307204	0.72283	0.85552	-1.16853	0.74334	0.416025	-2.40455	0.177738	0.624797	1.60442	1.60442	0.904462	-1.10563	0.617798	0.821224	-1.62453	0.960505	1.00299	1.00299	0.98	0.98	1.38	1.38	0.98	1.38	0.98	1.38	0.98	1.38	0.98	1.38	0.098752	-1.08752	0.585236	0.886574	-1.12794	1.44555	1.09258	0.6718444	1	1
cg02525435	CBFA2T3;CBFA2T3	0.307207	0.173259	0.437251	-2.28702	0.484993	1.49944	1.49944	0.687616	1.25955	1.25955	0.684061	1.26309	1.26309	0.571529	0.721509	-1.38599	0.222665	0.48115	-2.07836	0.0331488	0.241279	-4.14459	0.230634	0.48777	-2.05015	0.511718	0.683909	-1.46218	1.44555	7.46136	4.58811	1	1
cg18982587	FAM180B	0.307207	0.387253	0.532	-1.8797	0.235623	2.42325	2.42325	0.222514	2.49156	2.49156	0.833669	0.860923	-1.16154	0.0755225	0.244403	-4.0916	0.636561	0.712519	-1.40347	0.337608	0.494613	-2.02178	0.236627	0.413526	-2.41823	0.253018	0.427339	-2.34006	1.44554	11.6102	7.13928	1	1
cg24891660	PLEC1;PLEC1	0.307209	0.484713	0.54547	1.54547	0.038165	0.230106	-4.34583	0.593091	0.71843	-1.39193	0.647401	1.32622	1.32622	0.939227	0.909974	0.323201	-3.09319	0.677304	1.2925	1.2925	0.54614	1.46086	0.668582	1.30217	1.30217	0.453662	0.626264	-1.59677	1.44554	8.60542	5.29164	1	1
cg02084808	PIGC;PIGC;C1orf105	0.307211	0.356934	0.476551	1.47651	0.073464	1.76566	1.76566	0.326693	1.35222	1.35222	0.944419	0.975265	-1.02534	0.210384	0.671329	-1.48977	0.328659	0.749764	-1.33375	0.183086	0.667957	-1.4971	0.865807	1.0495	1.0495	0.763236	1.00013	1.00013	1.44553	1.88611	1.14874	1	1
cg20986307	GPD1;C12orf62	0.307213	0.252565	0.623609	-1.60357	0.24686	1.61361	1.61361	0.228285	1.64817	1.64817	0.621312	0.821389	-1.21745	0.106335	0.498136	-2.00748	0.40054	1.40498	1.40498	0.93457	0.968076	-1.03298	0.141516	1.86765	1.86765	0.843946	1.08099	1.08099	1.44553	3.57454	2.19807	1	1
cg18801028	PTPN12;PTPRJ;PTPRJ	0.307218	0.413177	0.799027	-1.25624	0.711262	0.903587	-1.1067	0.0973777	0.688947	-1.64218	0.4696	1.22214	1.22214	0.0801428	0.588978	-1.69786	0.43753	1.24116	1.24116	0.340299	1.30715	1.30715	0.233699	0.714456	-1.40557	0.505766	0.831844	-1.20215	1.44551	1.70218	1.04672	1	1
cg19310075	COL23A1	0.307219	0.0975646	0.519988	-1.68922	0.0108703	0.862265	-1.15974	0.672705	0.657075	-1.52084	0.158111	0.56802	-1.76028	0.0441801	0.316958	-3.15538	0.16358	0.53538	-1.86837	0.0139309	0.0363611	0.10631	-9.40613	0.309309	0.738281	-1.3545	1.44551	1.90409	1.17088	1	1
cg14561295	SCN1B	0.307228	0.308384	0.4985	-2.00602	0.0559745	4.17672	4.17672	0.164797	2.66051	2.66051	0.456284	0.605932	-1.65035	0.218452	0.425403	-2.35071	0.978184	1.01822	1.01822	0.720359	1.26789	1.26789	0.379091	1.81453	1.81453	0.853673	1.12965	1.12965	1.44548	9.98135	6.13795	1	1
cg15446210	PHF14;PHF14	0.307228	0.582644	0.919239	-1.09261	0.0112057	1.64981	1.64981	0.177548	1.584781	1.5848	0.150552	0.400927	1.00795	1.00795	0.733496	1.00795	0.981928	1.00795	1.00795	1.00795

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ojw6207313	TENC1;TENC1;TENC1	0.307662	0.956326	1.026416	1.022416	1.245568	1.69794	1.69794	0.120928	2.08153	0.313223	1.57568	0.317133	1.634589	1.57582	1.167596	0.326673	-1.89871	0.186654	1.543237	-1.84082	0.865301	0.928665	-1.07681	0.548118	1.303132	1.3442	4.34619	2.67503	1
ojw6908257	ST3GAL6	0.307669	0.602789	1.13056	1.13056	0.587331	0.879791	-1.13663	0.503534	0.853285	-1.17194	0.0644872	1.62487	1.624987	0.1548053	1.75153	1.75153	0.492559	1.17691	1.17691	0.278893	1.301	1.301	0.966026	1.01	1.01	0.783016	1.06665	1.06665	1.44818	1.24942	0.769014	1
ojw23866403	LG04	0.307667	0.904557	1.07354	1.07354	0.3322454	0.226841	-4.40838	0.315803	0.541425	-1.84698	0.523896	0.682427	-1.46536	0.228975	0.473863	-2.11031	0.340995	0.559638	-1.78687	0.49001	1.51408	1.51408	0.222705	0.468596	-2.13403	0.4514115	1.57442	1.57442	1.44818	8.00428	4.92663	1
ojw10052000	SLC43A2	0.307671	0.581252	1.170935	-1.4066	0.8811339	1.263805	1.263805	0.183489	1.373516	2.373516	0.2788211	0.503868	-1.99256	0.481585	0.645283	-1.54971	0.0911565	1.12496	1.12496	0.894625	0.92205	-1.08454	0.872103	1.1037	1.1037	0.587633	1.398361	1.398361	1.44818	8.57798	5.27974	1
ojw12709314	ADARB2	0.307673	0.744257	1.12961	1.12961	0.392226	1.385389	1.385389	0.894259	0.951695	-1.05076	0.687539	1.16245	1.16245	0.693259	0.862781	-1.15904	0.357373	1.42249	1.42249	0.026812	2.65532	2.65532	0.0572571	2.2273	2.2273	0.483269	1.30377	1.30377	1.44417	3.1704	1.95139	1
ojw07546078	AAK1	0.307685	0.193332	2.20552	2.20552	0.0438267	3.78612	3.78612	0.788047	1.16747	1.16747	0.432663	0.626992	-1.59942	0.353121	1.73155	1.73155	0.613613	1.33986	1.33986	0.0957907	2.86122	2.86122	0.171809	2.30677	2.30677	0.772947	1.18085	1.18085	1.44413	7.55214	4.64847	1
ojw18800100	TSTA3	0.307669	0.878952	1.0595	1.0595	0.594198	0.81553	-1.2262	0.956411	1.02094	1.02094	0.076509	2.11108	2.11108	0.828596	0.921068	-1.0857	0.321195	1.475	1.475	0.0234223	2.79223	2.79223	0.774269	1.11521	1.11521	0.640207	1.19544	1.19544	1.44412	3.28903	2.02447	1
ojw10923662	TNX8	0.307669	0.126858	2.023943	-4.48746	0.1020248	0.979538	-1.05648	0.0504923	1.613783	-1.58833	0.718595	1.38958	1.38958	0.331439	0.4020573	-2.48711	0.198932	0.201036	-3.436	0.46027	0.505174	1.97951	0.172966	0.267623	-3.7366	0.898834	0.890782	-1.12361	1.44412	18.9071	11.6378	1
ojw08598945	RAB6B	0.307693	0.495455	1.43034	1.43034	0.0816703	2.172126	2.71226	0.138976	2.27854	2.27854	0.255767	1.84473	1.84473	0.148889	-2.22721	1.74121	0.574121	1.34129	1.34129	0.554577	1.36217	1.36217	0.998197	1.00786	0.400512	0.643673	0.643673	-1.55358	1.44411	8.11567	3.76436	1
ojw13171675	TPPP	0.307694	0.11104	0.65207	-1.53358	0.718271	1.093134	1.093134	0.294796	1.30685	1.30685	0.256568	1.33866	1.33866	0.837344	1.05193	1.05193	0.23066	1.36304	1.36304	0.0521874	1.72281	1.72281	0.818601	1.05821	1.05821	0.594852	1.14134	1.14134	1.44411	1.38751	0.854054	1
ojw26893787	FUT6;FUT6;FUT6;FUT6	0.307699	0.085912	1.480327	-2.68241	0.3731992	1.02923	1.02923	0.0992	1.38458	1.38458	-1.18926	0.8405205	1.197237	0.8405205	1.197237	1.197237	0.629727	0.828236	-1.20722	0.4956291	2.018	2.018	0.356091	2.80731	0.0960222	1.02651	1.02651	1.44409	3.4144	2.10168	1
ojw26663716	AGRP;AGRP	0.30771	0.252045	0.72358	-1.38202	0.245202	0.719869	-1.38914	0.812672	1.0663	1.0663	0.360631	1.28933	1.28933	0.564945	0.854431	-1.17037	0.0341399	0.512484	-1.95128	0.561332	0.853155	-1.17212	0.709666	1.10666	1.10666	0.165165	0.670102	-1.49231	1.44406	1.67225	1.02935	1
ojw10224101	CDC25C;CDC25C	0.307713	0.282003	0.756023	-1.32546	0.630193	1.12263	1.12263	0.492266	1.180991	1.180991	0.566796	0.877366	-1.13977	0.413731	0.81938	-1.22044	0.0734529	0.620581	-1.61129	0.114916	0.666515	-1.50081	0.295043	1.3955	1.3955	0.268387	0.759695	-1.31662	1.44406	1.20994	0.800175	1
ojw26740639	LOC285370	0.307715	0.464201	0.685993	-1.45794	0.0409864	0.303255	-3.29755	0.0552514	0.333086	-3.00222	0.94606	1.03423	1.03423	0.289664	0.9539496	-1.74369	0.2555	0.548508	-1.82313	0.185067	0.491122	-2.03616	0.283262	0.56892	-1.75772	0.906743	0.942436	-1.06108	1.44405	5.85347	3.60312	1
ojw09986774	CHTF8;CHTF8;CIRH1A;CHTF8;CHTF8	0.307717	0.0486348	1.9668	1.9668	0.174143	1.5437	1.5437	0.164041	1.562	1.562	0.462212	1.25203	1.282033	0.0650983	1.75801	1.75801	0.612911	1.16558	1.16558	0.272379	1.44087	1.44087	0.0941077	1.73808	1.73808	0.728054	1.12053	1.12053	1.14053	1.44404	2.06278	1.26976	1
ojw05947402	AMIGO1	0.307721	0.463325	1.5389	1.5389	0.193557	0.942648	1.060834	0.941487	0.959484	-1.0433	0.376456	1.68897	1.68897	0.0615387	2.29005	2.29005	0.504131	1.608971	-1.40968	0.0612345	2.595851	-1.38008	0.752582	1.23821	1.23821	0.498299	1.48733	1.48733	1.44404	7.62642	4.6945	1
ojw23949901	HAPLN2	0.307718	0.746052	1.06908	1.06908	0.597593	1.11572	1.11572	0.160288	0.734655	-1.36118	0.525373	1.14144	1.14144	0.594622	1.11673	1.11673	0.819481	1.04811	1.04811	0.0186742	1.79679	1.79679	0.941805	0.985105	-1.01532	0.80119	0.949456	-1.05323	1.44403	0.96638	0.594864	1
ojw16365663	RNF11	0.307719	0.727465	1.14942	1.14942	0.0402641	2.56807	2.56807	0.0553633	2.3756	2.3756	0.656243	1.36901	1.36901	0.591186	1.2394	1.2394	0.512271	1.30282	1.30282	0.478312	0.750579	-1.3323	0.165798	1.80084	1.80084	0.792603	1.11058	1.11058	1.44403	3.62304	2.2302	1
ojw05195067	PAX2;PAX2;PAX2;PAX2;PAX2	0.307722	0.115549	0.95561	-1.05561	0.692815	1.45854	1.45854	0.2022	0.278035	-1.55967	0.398535	0.439701	-2.27422	0.353787	0.47667	-2.14767	0.514136	1.87559	1.87559	0.691041	1.46193	1.46193	0.16873	4.03111	4.03111	0.192728	2.60966	2.60966	-1.70796	1.44402	20.6666	12.7216	1
ojw22238777	STAB2	0.307731	0.989677	1.00251	1.00251	0.228502	0.782736	-1.27757	0.955504	0.989244	-1.01087	0.741525	0.937863	-1.06625	0.923784	1.01872	1.01872	0.0844577	1.4476	1.4476	0.0374806	1.59662	1.59662	0.959996	1.00977	1.00977	0.716236	0.931692	-1.07332	1.446	0.8590884	0.528831	1
ojw11426590	TRIM62	0.307734	0.699189	0.928772	-1.07681	0.2028081	1.57448	1.57448	0.163423	1.34994	1.34994	0.870601	1.09143	1.09143	0.364637	1.19807	1.19807	0.310606	0.819019	-1.22097	0.870903	1.04007	1.04007	0.417415	0.960715	1.04125	0.494839	1.04125	1.04125	1.44401	0.828179	0.509815	1
ojw26405695	KIF21A	0.307743	0.969906	0.989649	-1.01046	0.191498	0.682916	-1.46431	0.616093	1.50284	1.50284	0.0600144	1.79526	1.79526	0.278214	0.703128	1.37257	1.37257	0.683904	0.893244	-1.11952	0.478821	0.819901	-1.21966	0.803851	0.933669	-1.07104	0.932407	1.27335	1.27335	1.44396	1.73954	1.07084	1
ojw12130406	KCNK9	0.307743	0.983029	0.989646	-1.01046	0.2033371	1.49516	1.49516	0.1452	1.44567	1.44567	0.0613557	1.44567	1.44567	0.139317	0.641936	1.55907	0.479751	1.40475	1.40475	0.0159796	2.12024	2.12024	0.0550496	1.81454	1.81454	0.0822731	1.84022	1.84022	-1.12711	0.939256	0.663078	1.50812	0.94595	0.5083	1.33969	1
ojw26237414	MTX1;THBS3;MTX1	0.307754	0.199953	0.854389	-1.17043	0.378816	1.11246	1.11246	0.0753478	1.25875	1.25875	0.347095	0.893574	-1.1191	0.807392	0.972011	1.02879	0.39234	1.903165	-1.10722	0.800588	0.971012	-1.02985	0.190804	0.851291	-1.17469	0.399993	1.10532	1.10532	1.44393	0.308916	0.19017	1
ojw26734492	ABCB9;ABCB9;ABCB9	0.307755	0.401479	0.739429	1.352166	1.352166	0.245691	1.63657	0.641423	1.39494	1.39494	0.870903	1.03143	1.03143	0.354637	1.18907	1.18907	0.505553	1.15043	1.15043	0.30538	1.21775	1.21775	0.0818245	1.45665	1.45665	0.199079	1.30301	1.30301	1.44382	0.86998	0.535605	1
ojw07977499	KIRREL3;KIRREL3	0.307759	0.240693	0.777444	-1.28627	0.0834368	0.675217	-1.48101	0.674691	0.665703	-1.50217	0.382884	0.832417	-1.20129	0.628414	0.904883	-1.10512	0.500553	1.15043	1.15043	0.30538	1.21775	1.21775	0.636617	0.907072	-1.10245	0.221865	0.768632	-1.30101	1.44392	0.960589	0.591348	1
ojw15764494	DSCAML1	0.307766	0.4243881	1.2092	1.2092	0.133837	1.45716	1.45716	0.34261	1.12568	1.12568	0.32342	1.26806	1.26806	0.163686	0.707426	-1.41358	0.546226	1.15281	1.15281	0.117675	0.673236	0.673236	0.0158729	-1.48536	0.552027	1.15039	1.15039	0.525801	1.16148	1.16148	1.4389	1.23992	0.763119	1
ojw15896892	ZNF238	0.307766	0.979538	0.988825	-1.0113	0.370109	1.49676	1.49676	0.0119339	3.95386	3.95386	0.830278	1.098621	1.098621	0.59152	0.7887	-1.26791	0.495995	1.35378	1.35378	0.740728	0.864588	-1.15662	0.911181	1.05011	1.05011	0.38946	1.47173	1.47173	1.44389	4.39072	2.70301	1
ojw10176070	CHY3C	0.307769	0.308959	0.823318	1.214796	1.214796	0.14095	1.24605	0.455359	1.17341	1.17341	0.693644	1.26109	1.26109	0.78048	1.27962	1.27962	0.852014	1.04007	1.04007	0.816344	1.09149	1.09149	0.607497	1.28784	1.28784	0.158841	1.07284	1.07284	-1.17272	1.44388	1.01191	0.622954	1
ojw08184191	PUS7;PUS7B	0.307772	0.173581	1.52229	-1.91465	0.754663	1.00135	1.00135	0.241561	1.45854	1.45854	0.2022	0.278035	-1.55967	0.398535	0.439701	-2.27422	0.514136	1.87559	1.87559	0.691041	1.46193	1.46193	0.16873	4.03111	4.03111	0.192728	2.60966	2.60966	-1.70796	1.44402	20.6666	12.7216	1
ojw02454167	WWOX	0.307772	0.607311	0.66621	-1.50103	0.0283438	0.131607	-7.5984	0.123484	0.270566	-3.69595	0.43343	1.87068	1.87068	0.734263	0.765703	-1.30599	0.193098	0.339893	-2.94211	0.350897	0.471299	-2.12179	0.637371	0.689342	-1.45066	0.801598	1.21808	1.21808	1.44388	14.0383	8.64234	1
ojw06042565	CPT1A;CPT1A	0.307777	0.5906809	1.0833	1.0833	0.1837	1.58724	1.58724	0.797339	1.17368	1.17368	0.143423	1.34994	1.34994	0.870601	1.09143	1.09143	0.364637	1.19807	1.19807	0.310606	0.819019	-1.22097	0.870903	1.04007	1.04007	0.417415	0.960715	1.04125	1.04125	1.44387	0.828179	0.509815	1
ojw03450370	TRANK1	0.307779	0.258186	0.871759	-1.14711	0.360009	0.896309	-1.11569	0.0416085	0.760893	-1.31425	0.93921	1.00891	1.00891	0.466129	1.0901	1.0901	0.608608	0.941691	-1.06192	0.275407	1.1411	1.1411	0.178342	0.846754	-1.18098	0.836717	1.0243	1.0243	1.44386	0.309426	0.190493	1
ojw23940992	KCNQ1;KCNQ1	0.307784	0.241452	0.81662	-1.22481	0.30133	0.680029	-1.47033	0.165265	1.2465	1.2465	0.301127	0.610263	-1.63882	0.0957134	1.64533	1.64533	0.723682	1.38274	1.38274	0.0970357	1.6163	1.6163	0.0773707	1.78183	1.78183	0.0497161	1.39308	1.39308	1.44384	2.00343	1.38952	1
ojw20157484	SFRS2IP	0.307788	0.1328	1.807494	-1.2384	0.770356	0.962146	-1.03934	0.961736	1.00634	1.00634	0.406541	0.894096	-1.11845	0.878443	1.02038	1.02038	0.345499	1.13665	1.13665	0.506877	1.09284	1.09284	0.027669	1.709485	-1.40947	0.935648	1.0107	1.0107	1.44383	1.397451	0.24469	1
ojw08570275	P2RY1;P2RY1	0.307792	0.719657	0.932114	-1.07283	0.257989	1.25889	1.114483	0.715451	-1.39772	0.780482	0.946965	-1.05601	0.873932	1.03146	1.03146	1.03146	0.613785	0.905506	-1.10436	0.327841	1.21775	1.21775	0.0818245	1.45665	1.45665	0.199079	1.30301	1.30301	1.44382	0.86998	0.535605	1
ojw07087293	SCNN1B	0.307793	0.791913	0.940614	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1.44382	0.095295	0.257003	0.257003	1.04027	15.5415	3
ojw21096141	SCD5;SCD5	0.307794	0.110044	0.637136	-1.56952	0.341876	0.776119	-1.28846	0.212289	0.711767	-1.40495	0.946936	0.982922	-1.01737	0.157854	0.676517	-1.47816	0.39234	0.903165	-1.10722	0.800588	0.971012	-1.02985	0.190804	0.851291	-1.17469	0.399993	1.10532	1.10532	1.44393	0.308916	0.19017	1
ojw18473642	ABCB9;ABCB9;ABCB9	0.307796	0.401479	0.739429	1.352166	1.352166	0.245691	1.63657	0.641423	1.39494	1.39494	0.870601	1.03143	1.03143	0.354637	1.18907	1.18907	0.505553	1.15043	1.15043	0.30538	1.21775	1.21775	0.636617	0.907072	-1.10245	0.221865	0.768632	-1.30101	1.44382	0.960589	0.591348	1
ojw23020857	CGRRF1	0.307801	0.0752847	0.61796	-1.61823	0.467324	0.853478	-1.16962	0.664421	1.1116	1.1116	0.503794	0.847991	-1.17926	0.405274	1.22992	1.22992	0.947199	1.01623	1.01623	0.0990005	1.55205	1.55205	0.100301	1.02149	1.02149	0.183024	1.70963	1.70963	-1.40971	1.44379	1.35069	0.831567	1
ojw02550003	NFIX1	0.307803	0.823662	0.907219	-1.10227	0.978655	0.988396	-1.01174	0.208104	1.7843	1.7843	0.724798	0.857092	-1.16674	0.33789	0.649845	-1.53883	0.0187145	0.28848	-3.46645	0.581423	0.784326	-1.27498	0.940264	1.03324	1.03324	0.663017	1.21081	1.21081	1.44379	4.35237	2.67961	1
ojw22763108	BNIP1;BNIP1;BNIP1	0.307808	0.248461	0.792029	-1.26211	0.3156	1.14126	1.14126	0.147975	1.24549	1.24549	0.0923	1.20411	1.20411	0.0973135	1.4839	1.4839	0.0023	0.288633	-3.46382	0.0112	1.07646	1.07646	0.229714	1.3503	1.3503	0.385075	1.08583	1.08583	1.44378	0.914	0.52658	1
ojw22703203	TRADD;TRADD;FBXL8	0.307811	0.161823	1.68824	1.68824	0.428368	2.19433	2.19433	0.227403	1.3709	1.3709	0.741288	0.926812	-1.086	0.658015	1.11732	1.11732	0.892436	1.966872	-1.03426	0.48892	1.19131	1.19131	0.767005	1.07679	1.07679	0.027392	1.91519	1.91519	1.44376	1.4178	0.872904	1
ojw12743359	TNXB;STX19;TNXA;STX19	0.307811	0.891517	1.08153	1.08153	0.3828	0.947316	1.056561	0.834802	0.856021	-1.16823	0.495584	0.799206	-1.25111	0.429607	0.829501	-1.20566	0.459635	1.17064	1.17064	0.329669	1.4129	1.4129	0.0441984	1.5577	1.5577	0.234003	1.50352	1.50352	-1.68545	1.44375	2.04007	1.35403	1
ojw06512128	RHOC;RHOC;RHOC	0.307811	0.47767	1.44865	1.44865	0.838759	2.11027	2.11027	0.745464	0.846009	-1.18202	0.475691	1.45115	1.45115	0.987311	1.0082	1.0082	0.533828	1.37972	1.37972	0.319222	0.589508	-1.69633	0.021385	4.13532	4.13532	0.165817	2.13557	2.13557	1.44376	6.02672	3.71051	1
ojw19956712	AP4B1;AP4B1	0.307812	0.365252	0.847909	-1.16622	0.377379	1.31363	1.23308	0.2814	1.23851	1.23851	0.616317	0.88709	-1.06097	0.350284	1.17226	1.17226	0.705688	0.732156	1.36578	0.0354111	2.73407	2.73407	0.0354111	2.45592	2.45592	0.0570786	1.28562	1.28562	1.44365	8.77272	5.40158	1
ojw15797101	MTMR3;MTMR3;MTMR3	0.307814	0.120928	0.468675	-2.13367	0.009731	0.950176	-1.05244	0.255055	0.913675	-1.71841	0.66072	1.52715	1.52715	0.0265324	2.026024	2.026024	0.776847	1.13661	1.13661	0.0839796	0.909516	-1.09931	0.715313	0.847842	-1.17947	0.530972	0.751275	-1.33107	1.44375	4.54303	2.85862	1
ojw11324538	PRR24;PRR24	0.307818	0.201086	0.488238	-2.04818	0.674594	0.79914	-1.25134	0.542226	1.38761	1.38761	0.638921	0.778069	-1.28523	0.8842831	0.362726	-2.7569	0.796291	0.871652	-1.14725	0.0741739	0.347659	-2.87638	0.171403	0.461533	-2.16669	0.377967	1.61661	1.61661	1.44374	6.44696	3.96929	1
ojw08859794	PUF60;PUF60;PUF60	0.307826	0.8123	0.947646	-1.05525	0.938835	1.1075	1.1075	0.592096	0.8846916	-1.13005	0.0574999	0.615315	-1.62518	0.0779738	0.6472263	-1.54505	0.407258	0.824007	-1.21358	0.0534169	0.688374	-1.64373	0.666382	1.50603	-1.50603	0.132572	1.10104	1.82574	1.05121	1.44372	1.16844	0.719385	1
ojw03072375	MFHAS1	0.307829	0.209754	0.563942	-1.77323	0.553646	1.29819	1.29819	0.728189	1.16321	1.16321	0.726095	1.16464	1.16464	0.141867	0.504413	-1.9825	0.323327	0.642726	-1.55587	0.029864	3.05045	3.05045	0.80983	1.08838	-1.11331	0.446974	0.714714	-1.39916	1.44371	2.29341	2.64344	1
ojw15931557	PIK3R3;PIK3R3	0.307831	0.0496062	1.51972	1.51972	0.283366	0.818199	-1.22153	0.309504	0.96574	-1.03407	0.905811	0.977664	-1.02285	0.503797	1.12596	1.12596	0.61502	0.909603	-1.09938	0.111941	1.38184	1.38184	0.337706	1.20282	-1.20282	0.390057	1.17931	1.17931	1.4437	0.799228	0.49147	1
ojw18931895	ULAP;ULAP	0.307833	0.401192	0.743004	-1.3576	0.456212	0.855895	-1.16837	0.804494	0.9489194	-1.05353	0.824605	0.775236	-1.28993	0.567791	1.3614	1.3614	0.545731	1.34591	-1.16691	0.0446059	1.54591	1.54591	0.224041	1.32941	1.32941	0.167441	0.778341	1.06101	1.06101	1.4437	1.06093	0.619968	1
ojw08922090	JPH3	0.307841	0.521338	2.13849	2.13849	0.0346594	17.8127	17.8127	0.0401647	16.0017	16.0017	0.642285	1.72809	1.72809	0.655634	0.592511	-1.68773	0.272631	1.38794	1.38794	0.584236	1.90826	1.90826	0.620016	1.79406	1.79406	0.881546	1.19049	1.19049	1.44367	31.2658	19.2508	1
ojw25080182	GBA1;GBA3	0.307842	0.845831	1.06405	1.06405	0.6128	0.947316	1.056561	0.834802	0.856021	-1.16823	0.495584	0.799206	-1.25111	0.429607	0.829501	-1.20566	0.459635	1.17064	1.17064	0.329669	1.4129	1.4129	0.0441984	1.5577	1.5577	0.234003	1.50352	1.50352	-1.68545	1.44367	2.04007	1.35403	1
ojw00878374	C15orf28;ANP32A	0.307845	0.260717	0.538957	-1.85543	0.334169	1.69023	1.69023	0.149972	2.25524	2.25524	0.827756	0.891525	-1.12167	0.0392329	0.284776	-3.51523	0.970296	1.01981	1.01981	0.685073	0.8066667	-1.23967	0.762629	1.17306	1.17306	0.506468	0.701043	-1.42645	1.44366	6.34861	3.90895	1
ojw04768939	PLXDC2	0.307853	0.424213	0.65789	1.51979	0.430207	1.64668	1.64668	0.949802	0.9616603	-1.03993	0.290386	0.506782	-1.97314	0.464156	0.630313	-1.58646	0.0731445	1.39402	-1.39074	0.0354111	2.45592	2.45592	0.0354111	2.45592	2.45592	0.0570786	1.28562	1.28562	1.44365	8.77272	5.40158	1
ojw19082131	ZFP36L2	0.307857	0.502421	2.04054	2.10454	0.224676	30.1787	30.1787	0.147222	6.20226	6.20226	0.859835	0.823673	-1.21407	0.756148	1.4078	1.4078	0.667748	1.60662	1.60662	0.902902	1.1434	1.1434	0.570517	1.87963	1.87963	0.0227999	1.10433	1.10433	1.44362	27.5636	16.9719	1
ojw21635307	ANKRD6	0.307867	0.336752	1.56193	1.56193	0.363486	0.656729	-1.5227	0.444239	0.703866	-1.42072	0.930224	0.961336	-1.04022	0.0324669	0.32395	-3.0869	0.327422	1.57644	1.57644	0.690654	1.19734	1.19734	0.309564	1.60552	1.60552	0.994642	1.00303	1.00303	1.4436	4.63472	2.85381	1
ojw21807733	NCOR2;NCOR2	0.307868	0.695852	1.12481	1.12481	0.4542	0.729354	-1.37118	0.0542093	0.7233857	-1.38153	0.901802	0.860869	-1.16161	0.0447709	0.5615315	-1.78103	0.520241	1.59155	1.59155	0.652202	1.98467	1.98467	0.0504241	1.56506	1.56506	0.791652	1.20872	1.20872	1.44359	11.7203	7.21675	1
ojw04083190	ZSCAN20	0.307869	0.664249	1.14122	1.14122	0.947388	0.980237	-1.02016	0.6127	0.856919	-1.16697	0.560113	0.836757	-1.19509	0.283105	0.713662	1.40122	0.0226584	2.28274	2.28274	0.642149	1.1507	1.1507	0.298275	0.925456	-1.08055	0.286657	0.717169	-1.39437	1.44359	2.09191	1.28809	1
ojw15342631	FBXL5	0.307871	0.741827	0.894154	-1.11853	0.618246	1.193845	1.193845	0.0708184	1.624301	1.624301	0.243636	1.24166	1.24166	0.499204	0.7955264	1.25674	0.379507	1.34497	1.34497	0.506364	1.24606	1.24606	0.479861	1.19462	1.19462	0.288564	1.09209	1.09209	1.44359	0.607354	0.364554	1
ojw18947521	H3F3A;LOC440926;H3F3A	0.307869	0.557098	1.10046	1.10046	0.812024	1.03915	1.03915	0.520209	1.11079	1.11079	0.9236	0.984656	-1.01558	0.753681	1.05205	1.05205	0.959318	1.00826	1.00826	0.233342	1.22315	1.22315	0.726

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg13440795	MSRA;MSRA;MSRA	0.308173	0.550872	0.733309	-1.35813	0.308179	1.70752	1.70752	0.144858	2.21285	2.21285	2.21285	0.385460	1.57039	0.571650	2.271652	0.559637	-1.78687	0.233588	0.530738	-1.88417	0.13277	0.439216	-2.27679	0.439942	0.670836	-1.45112	0.622516	1.28621	1.28621	1.44269	5.87924	3.62238	1
cg10827045	PPT1;PPT1	0.30818	0.342799	1.11576	1.11576	0.2824933	1.33686	1.33686	0.778072	0.968828	-1.03217	0.487332	1.08303	1.083003	0.154648	1.18629	1.18629	0.649318	0.940986	-1.05265	0.185111	1.17059	1.17059	0.65297	0.950537	-1.05204	0.972329	0.99612	-1.0039	1.44267	0.287016	0.176842	1
cg11244672	YIPF N3	0.308185	0.999173	1.00043	1.00043	0.5074691	0.756488	-1.3219	0.130067	1.97119	1.97119	0.991182	1.43997	1.43997	0.604287	0.804947	-1.24232	0.609124	1.23866	1.23866	0.2344115	0.5959516	-1.67809	0.127785	0.504926	-1.98049	0.157477	1.87263	1.87263	1.44266	3.93543	2.4248	1
cg10527511	BCKDK;BCOR	0.308186	0.4045835	0.726069	-1.37557	0.0805253	0.484426	-2.0641	0.146141	0.558026	-1.79203	0.61554	0.827153	-1.20843	0.594915	0.818184	-1.22222	0.795097	0.907273	-1.1022	0.08262886	0.2051888	2.05188	0.821184	1.08833	1.08833	0.645368	1.18919	1.18919	1.44266	3.19443	1.96824	1
cg00350702	ERGIC3;ERGIC3	0.308189	0.315972	1.21837	1.21837	0.19013	1.30258	1.30258	0.307675	1.22283	1.22283	1.223811	0.133111	0.734546	-1.36138	0.814927	0.956313	-1.04568	0.842648	1.03859	1.03859	0.63189	1.09631	1.09631	0.134096	1.36041	1.36041	0.160682	1.39826	1.39826	1.44265	0.829224	0.510927	1
cg00397868	PLAC2	0.308191	0.929274	1.03821	1.03821	0.3444559	0.932831	-2.83422	0.516114	1.32061	1.32061	0.259102	1.64426	1.64426	0.647781	0.823042	-1.21443	0.722422	1.16259	1.16259	0.996378	1.000192	1.000192	1.000192	0.620462	1.23472	1.23472	0.121391	0.502062	-1.98957	1.44264	4.07613	2.51152	1
cg16162734	EPC2	0.308192	0.0813851	0.512188	-1.95241	0.474158	0.777516	-1.28674	0.479879	0.779776	-1.28242	0.500432	0.789082	-1.26729	0.097141	0.532284	-1.87869	0.148496	0.584637	-1.71046	0.108206	0.545001	-1.83486	0.664678	1.16306	1.16306	0.123541	0.561153	-1.78205	1.44264	2.74083	1.68878	1
cg15219145	TFAP2A;TFAP2A;TFAP2A;TFAP2A	0.308208	0.340186	0.401146	-2.49286	0.460788	2.00601	2.00601	0.300369	1.7081	2.70381	0.0912401	5.63204	5.63204	0.181268	0.992955	-1.71396	0.601437	0.612792	-1.63188	0.496605	0.5265449	-1.89917	0.19201	1.60869	1.60869	0.518096	1.83833	1.83833	1.44259	19.7288	12.1564	1
cg24199006	ITPRIP	0.308228	0.882543	0.906604	-1.10303	0.659192	1.34226	1.34226	0.313385	0.5008805	-1.99678	0.492933	1.56684	1.566843	-1.76416	0.557728	-1.48474	0.252024	1.22132	1.22132	0.6682257	1.87362	1.87362	0.074807	0.72858	1.72858	0.952123	0.960233	-1.04141	1.44259	10.0495	6.19223	1
cg27470978	TACC1;TACC1;TACC1	0.308209	0.939099	1.02898	1.02898	0.0325447	2.54822	2.54822	0.290247	1.50734	1.50734	0.642977	1.19067	1.19067	0.0983993	0.50782	-1.9692	0.840218	1.07839	1.07839	0.621316	1.20461	1.20461	0.492714	1.29754	1.29754	0.998282	0.999195	-1.00081	1.44259	3.19339	1.96769	1
cg09804833	UQCRC2	0.30821	0.124261	1.26094	1.26094	0.0746827	1.83846	1.83846	0.125326	0.8845751	0.939256	-1.06438	0.2810021	0.5955549	0.570199	1.753952	0.570199	-1.75392	0.58118	0.785952	0.1008622	1.72734	1.733031	1.59583	1.59583	0.1935	1.78385	1.78385	1.44426	4.28712	2.24652	1
cg17204288	GAGE2A	0.308214	0.438544	2.39563	2.39563	0.963266	0.152404	1.05202	0.978306	0.115457	-8.66127	0.352501	0.325253	-3.07453	0.140497	0.173225	-5.77282	0.411976	0.395535	-2.52822	0.808185	0.7641981	-3.18056	0.600332	0.553732	-1.79413	0.12821	0.16081	0.16081	1.44258	2.93918	17.2111	1
cg16728223	HLA-F;HLA-F;HLA-F	0.308216	0.369105	0.80282	-1.24561	0.0944806	0.759148	-1.31727	0.894132	0.9802238	-1.02016	0.9494687	0.714581	-1.39942	0.832951	0.9688313	-1.03217	0.372558	0.4613553	-2.16782	0.2402838	0.6166507	1.62164	0.5660187	0.4636206	0.815582	-1.20238	0.5166907	1.10959	1.10959	1.44252	0.513444	0.316886	1
cg22373810	AAAS	0.308232	0.0962403	1.75511	1.75511	0.731543	1.08281	1.08281	0.0970078	1.53318	1.52318	0.310184	1.27455	1.27455	0.392483	0.816785	-1.22431	0.663247	0.903738	-1.10652	0.741109	0.926266	-1.0796	0.850202	1.04465	1.04465	0.366564	1.23899	1.23899	1.44252	1.21929	0.751333	1
cg05236731	LOC646982;LOC646982;LOC646982	0.308233	0.167509	0.815187	-1.22577	0.94612	0.990692	-1.0094	0.12585	0.80407	-1.24367	0.375933	0.881856	-1.13397	0.194741	1.20899	1.20899	0.108162	1.27445	1.27445	0.722455	1.00458	0.611542	1.07344	1.07344	0.688358	1.05737	1.05737	1.44252	0.437378	0.269515	1
cg23864632	PRKD2;PRKD2;PRKD2	0.308234	0.071231	0.8440009	-2.72768	0.4929823	0.288627	-3.46468	0.207589	0.126693	-7.89873	0.281259	0.197753	-5.56388	0.18064	0.145314	-6.88691	0.372558	0.4613553	-2.16782	0.2402838	0.6166507	1.62164	0.5660187	0.4636206	0.815582	-1.20238	0.5166907	1.10959	1.10959	1.44252	0.513444	0.316886	1
cg24882324	TNXB	0.308237	0.101337	0.240961	-4.15005	0.156785	0.300769	-3.32481	0.0518503	0.172882	-5.78428	0.704252	0.35328	1.35328	0.609916	0.664854	-1.50409	0.273338	0.404811	-2.47029	0.153303	0.297301	-3.36359	0.175512	0.318932	-3.13546	0.738285	0.76643	-1.30475	1.44251	14.377	8.85931	1
cg10834646	SIM2;SIM2	0.308241	0.141524	0.359577	-2.78104	0.37519	0.479745	-2.08444	0.378074	0.79524	1.79524	0.712106	0.782772	-1.27102	0.153187	0.737171	-2.69026	0.204563	0.420566	-2.37775	0.0904734	0.299128	3.29998	0.299998	0.592384	1.68851	1.68851	0.22322	2.17556	2.17556	0.605778	1.37519	1.3719	1.44248	8.42706	5.19293	1
cg15576058	PEX1;C7orf64	0.308249	0.0117352	0.293283	-3.40968	0.553233	0.791598	-1.26327	0.807048	0.909062	-1.10004	0.252644	0.627779	-1.59292	0.953525	0.977547	-1.02297	0.595735	0.811695	-1.23199	0.381997	0.7505152	-1.41813	0.687137	0.854062	-1.17087	0.576658	1.2465	1.2465	1.44247	3.46827	2.13724	1
cg23653667	ALG14	0.308252	0.1108869	0.765921	-1.30562	0.7746823	0.156437	-2.56637	0.364459	0.8866693	-1.15381	0.732882	0.946761	-1.05693	0.842473	1.1048	0.842473	0.937387	1.01213	1.01213	0.160771	1.25859	0.973964	1.1027	1.1027	1.1504	0.861324	0.992583	-1.00747	1.44246	0.538445	0.331806	1
cg02842291	PAXIP1;LOC102781	0.308257	0.72749	1.06557	1.06557	0.094456	1.39614	1.39614	0.456788	1.14749	1.14749	0.621122	0.913525	-1.09466	0.236385	1.25261	1.25261	0.828274	0.963132	-1.04022	0.048493	0.6641881	-1.5056	0.882921	0.973603	-1.02731	0.809701	1.04477	1.04477	1.44245	0.752851	0.463934	1
cg02080345	GPT	0.308261	0.258347	0.733273	-1.39284	0.1966856	0.490227	-2.04087	0.0578358	0.2040001	-4.90487	0.0578358	0.2040001	-4.90487	0.0578358	0.2040001	-4.90487	0.2575111	-3.88353	0.123101	0.3933399	-2.54295	0.3902453	0.2564232	-3.89973	0.1635113	0.6183253	0.5853338	0.735133	-1.36047	1.44244	1.53824	4.39124	1
cg15443229	SPHK1;SPHK1;SPHK1;SPHK1	0.308265	0.537402	0.618912	-1.61574	0.343513	2.11639	2.11639	0.156757	3.20159	3.20159	0.839626	0.855835	-1.16845	0.13214	0.286933	3.48513	0.32456	0.457668	2.18499	0.142041	0.297374	-3.36277	0.713291	0.753115	-1.32782	0.177842	0.332842	-3.00443	1.44242	13.4845	8.3098	1
cg08695707	C1orf53	0.308268	0.972531	0.994921	-1.0051	0.155019	0.252139	1.25239	0.404971	1.13429	1.13429	0.239133	0.833348	-1.19998	0.200509	1.22135	1.22135	0.976491	1.00437	1.00437	0.176933	0.808761	-1.23405	0.396913	0.879605	-1.13687	0.191987	1.2266	1.2266	1.44241	0.499579	0.307866	1
cg22718540	KIAA0754;MACF1;MACF1	0.308282	0.4546383	1.0944509	-2.72768	0.4929823	0.288627	-3.46468	0.207589	0.126693	-7.89873	0.281259	0.197753	-5.56388	0.18064	0.145314	-6.88691	0.372558	0.4613553	-2.16782	0.2402838	0.6166507	1.62164	0.5660187	0.4636206	0.815582	-1.20238	0.5166907	1.10959	1.10959	1.44252	0.513444	0.316886	1
cg02278646	ANO6;ANO6;PLEKHA9;ANO6	0.308271	0.285937	0.49771	-2.0092	0.193255	0.37931	2.37931	0.936027	1.05184	1.05184	0.531268	0.6708	-1.49076	0.616683	0.727789	-1.37403	0.495539	0.646813	-1.54604	0.0713889	0.2814554	-3.55297	0.125473	0.352034	-2.84064	0.14846	0.376873	-2.65341	1.44241	9.05564	5.58057	1
cg10477427	HSD17B10;HSD17B10	0.308282	0.141222	0.820168	-1.49755	0.662107	0.125988	-1.79725	0.985902	1.12618	1.12618	0.107974	1.39253	1.39253	0.0225754	0.718134	-1.39253	0.266021	0.311851	-3.20656	0.4550294	0.6645451	-1.50605	0.742783	0.813118	-1.22948	0.542327	0.813965	-1.22948	1.44237	0.900345	0.541299	1
cg02780767	LOC53113	0.308288	0.44867	1.25799	1.25799	0.114843	1.66479	1.66479	0.482399	1.23643	1.23643	0.598835	0.854396	-1.17042	0.278095	0.715152	1.3983	0.6814243	0.83525	-1.83525	0.725497	1.11048	1.11048	0.24038	0.693928	-1.44107	0.903121	1.03686	1.03686	1.44236	2.01848	1.24394	1
cg14734994	THNSL2	0.30828	0.49676	0.849367	-1.17735	0.150814	1.43958	1.43958	0.752395	1.07777	1.07777	0.194954	1.38321	1.38321	0.695564	0.9111139	-1.09753	0.898963	1.03052	1.03052	0.445217	1.2022	1.2022	0.043903	0.57711	-1.73277	0.96699	0.990255	-1.00984	1.44235	1.27913	0.788298	1
cg23795226	SRPX2	0.308289	0.1954984	0.744739	-1.34245	0.1944574	1.32442	1.32442	0.203571	1.27283	1.27283	0.436253	1.38236	1.38236	0.0497253	0.7241349	-1.38236	0.6902475	0.7734	-1.29302	0.1501	0.6665152	1.50081	0.380519	0.644959	-1.55057	0.1439	0.6948	1.43957	1.44237	0.901153	0.543984	1.63986	1.44235	2.01093	1.380519

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00769843	OTUB1;OTUB1	0.308707	0.601091	1.43191	1.43191	0.476314	1.63928	1.63928	0.0185522	8.03439	8.03439	0.289285	2.1304	2.1304	0.608537	1.42121	1.42121	0.745453	1.24763	1.24763	0.514458	1.56943	1.56943	?	?	?	0.155008	2.88154	2.88154	1.53807	9.48973	4.62741	1
cg25613227	ACCN1	0.308712	0.77918	0.89153	-1.12167	0.878824	1.0643	1.0643	0.301771	1.54804	1.54804	0.3304	1.50718	1.50718	0.388496	1.43476	1.43476	0.224469	1.68405	1.68405	0.230851	0.598459	-1.67096	0.0961601	0.474131	-2.10912	0.259377	0.618408	-1.61706	1.44111	3.80797	2.34879	1
cg14815891	FRG1B	0.308716	0.373782	3.14522	3.14522	0.350317	0.299221	-3.34202	0.642613	1.79774	1.79774	0.366661	3.20269	3.20269	0.813928	1.34436	1.34436	0.23683	0.211067	-4.73783	0.11518	0.116514	-8.58269	0.15932	6.60409	6.60409	0.250649	4.51126	4.51126	1.4411	35.9534	22.1765	1
cg11934419	LAMA4;LAMA4;LAMA4;LAMA4;LAMA4	0.308717	0.865767	0.923888	-1.08238	0.0351834	0.317266	-3.15193	0.155789	0.491351	-2.0352	0.601137	1.27993	1.27993	0.64013	0.802257	-1.24648	0.212617	0.541042	-1.84828	0.387545	0.660723	-1.51349	0.106584	0.438457	-2.28072	0.92329	1.0461	1.0461	1.44109	4.99724	3.08237	1
cg05787120	TUSC2	0.308718	0.651252	1.04464	1.04464	0.0408548	1.25428	1.25428	0.0948738	1.19265	1.19265	0.767035	1.02893	1.02893	0.49837	1.0682	1.0682	0.179459	1.14667	1.14667	0.755322	0.970442	-1.03046	0.342322	1.09846	1.09846	0.102189	1.1873	1.1873	1.44109	0.210261	0.129692	1
cg15877124	FAM157A	0.308721	0.140263	0.350426	-2.85367	0.799331	0.845056	-1.18335	0.349224	0.528946	-1.89055	0.653964	0.742154	-1.34743	0.0255453	0.173154	-5.77519	0.213323	0.420589	-2.37762	0.114071	0.321085	-3.11444	0.943364	1.04808	1.04808	0.36414	0.539923	-1.85211	1.44108	9.96878	6.14894	1
cg05551025	ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG	0.308723	0.225132	0.21904	-4.56537	0.159713	0.166834	-5.99399	0.771713	1.41446	1.41446	0.910413	0.874453	-1.14357	0.0326551	19.6812	19.6812	0.435109	0.387072	-2.5835	0.852947	1.24753	1.24753	0.796587	1.36055	1.36055	0.920196	1.12687	1.12687	1.44108	32.4245	20.0002	1
cg27650212	SLC13A3;SLC13A3	0.308745	0.335864	1.70446	1.70446	0.154977	2.26566	2.26566	0.740949	1.19515	1.19515	0.682098	1.2477	1.2477	0.332717	1.71078	1.71078	0.613047	1.31526	1.31526	0.0130005	5.23901	5.23901	0.291546	1.80056	1.80056	0.881417	1.08352	1.08352	1.44101	6.58993	4.065	1
cg14533576	TRPC5;ZCCHC16	0.308747	0.112037	0.188948	-5.29246	0.492406	0.511003	-1.95693	0.721939	0.708866	-1.4107	0.438237	0.467017	-2.14125	0.454851	0.480452	-2.08138	0.694257	0.683572	-1.4629	0.706725	1.43905	1.43905	0.18821	3.82932	3.82932	0.0741064	6.79757	6.79757	1.441	21.1624	13.0541	1
cg12490816	C5orf44;TRIM23;C5orf44;C5orf44;TRIM23;C5orf44;TRIM23	0.30875	0.228241	0.558659	-1.79	0.102005	0.438683	-2.27955	0.617241	1.26107	1.26107	0.110211	0.448686	-2.22873	0.970857	0.983322	-1.01696	0.276412	0.593808	-1.68405	0.0564275	0.36995	-2.70307	0.805664	0.892722	-1.12017	0.786708	1.13299	1.13299	1.441	4.837	2.98374	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error)
cg08112149	HDGF2;HDGF2	0.309257	0.154853	1.542581	-1.8427	1.858813	1.0741	1.07451	0.0512145	2.43828	2.43828	0.997455	1.00128	1.178034	0.562963	0.176251	0.355557	0.682826	-1.4645	1.993025	0.703797	-1.42086	0.494193	0.756761	-1.52142	0.718968	0.864966	-1.15651	1.43951	3.67433	2.26888	1
cg12193240	SHC2	0.30926	0.5684948	1.11094	1.011084	1.68324	1.68324	0.910833	0.97976	-1.02066	0.137455	1.33908	1.33908	0.929656	0.984013	-1.01625	0.257197	1.2409	1.2409	2.007759	1.27973	4.995203	1.13338	1.13338	0.740374	1.06258	1.062585	1.0395	0.759539	0.469014	1
cg11956819	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.309263	0.204742	3.31555	3.31555	0.712832	1.39254	1.39254	0.503016	0.543984	-1.83829	0.40932	2.12945	2.12945	0.239329	0.331628	-3.01543															
cg25321400	B3GNT2	0.309265	0.8296	1.16202	1.16202	0.325534	0.49295	-2.02842	0.517395	0.633009	-1.57976	0.411576	0.557134	-1.7949	0.026425	0.159906	-6.25369	0.487206	1.63523	1.63523	0.320584	2.04581	0.469953	1.66884	1.66884	0.666797	0.739504	-1.35226	1.43948	11.0659	6.83322	1
cg17304111	GPMA6;GPM6A;GPM6A	0.309267	0.511929	0.720474	-1.38798	0.944116	0.966038	-1.03516	0.155694	0.114222	2.114422	0.598867	0.29004	2.029504	0.627513	1.272516	1.272512	0.625102	0.784492	-1.27471	0.0453131	0.322478	-3.10099	0.138822	0.455983	-2.19307	0.980351	0.987935	-1.01221	1.40948	0.53183	3.419871
cg21491706	ADAMTS2;ADAMTS2	0.309269	0.067086	0.294771	-3.39246	0.895387	1.08145	1.08145	0.834235	1.13284	1.13284	0.904575	1.07399	1.07399	0.0223218	0.195989	-5.10232	0.805908	0.863704	-1.1578	0.558393	0.7030097	-1.42228	0.707692	0.799161	-1.25131	0.334195	0.552767	-1.80908	1.43947	8.07641	4.98726	1
cg15896446	PPAPDC1A	0.309278	0.138864	1.663982	-2.74739	0.2233738	0.179354	-1.57681	0.895218	0.920545	-1.08631	0.939523	0.953204	-1.04915	0.255989	0.473115	-2.12172	0.362774	0.532452	-1.8101	0.148249	0.373874	-2.6747	0.264589	0.479323	-2.08964	0.880503	0.908981	-1.10013	1.43945	9.17473	5.66599	1
cg09179743	MOBK2B;LIPK	0.309282	0.0719395	0.464756	-1.50433	0.561224	0.887435	1.26484	0.776355	0.6016221	0.613501	1.13301	1.13301	0.64769	1.09804	1.09804	1.09804	0.38805	0.896946	-1.00305	0.0479941	1.58327	0.523422	1.50616	1.06316	0.167375	0.603713	1.09006	1.09006	1.09006	1.43946	0.941966	0.581688	1
cg10537176	GPR39	0.309287	0.597725	0.885791	-1.12893	0.0738423	0.635217	-1.57427	0.765153	1.07061	1.07061	0.0595426	0.61612	-1.62306	0.950863	1.01413	1.01413	0.848665	1.04453	1.04453	0.920851	1.02289	1.02289	1.09053	1.37123	1.37123	0.562081	1.14282	1.14282	1.43942	1.18243	0.730191	1
cg23132915	ZWILCH;SNORD18A;RPL4;ZWILCH	0.309289	0.260804	1.75384	-1.75384	0.0975	1.98947	1.98947	0.182861	1.05953	1.05953	0.676595	1.04647	1.04647	0.212351	0.154653	-1.29501	0.805704	0.944582	-1.05913	0.182919	0.647253	-1.54499	0.178125	0.513776	1.13974	1.13974	0.250924	1.13976	1.13976	1.43941	1.35526	0.83692	1
cg17175626	EP400	0.309305	0.1323692	0.629759	-1.58791	0.10216	0.619712	-1.61365	0.579667	0.861008	-1.16143	0.984132	1.00533	1.613544	0.672411	-1.48719	0.0664328	0.576595	-1.73432	0.381048	0.786366	-1.27167	0.424089	1.24405	1.24405	0.724819	0.90979	-1.09915	1.43937	1.63111	1.0073	1
cg02167986	RDH12	0.309308	0.15288	0.404738	-2.45618	0.0946456	0.262018	-1.81653	0.561085	0.255193	-3.9186	0.702325	0.79983	-1.25027	0.438828	0.63173	-1.58296	0.238396	0.487586	-2.05092	0.362986	0.507226	-1.97151	0.79191	0.808465	-1.23688	0.448894	0.637833	-1.56785	1.43936	7.71262	4.763	1
cg09455754	C4orf32	0.309309	0.162959	0.636936	-2.96792	0.539383	0.635148	1.58245	0.444	0.832613	0.948726	-1.17824	0.515049	0.617424	-1.61963	0.0571257	0.207589	0.253394	0.418361	-2.39028	0.0659408	0.221572	-4.5112	0.0866472	0.250973	-3.98449	0.301179	0.457256	-2.18686	1.43935	12.1636	7.51174	1
cg05619872	C19orf75	0.30931	0.762239	1.08625	1.08625	0.168089	1.4926	1.4926	0.01512	2.2567	2.2567	0.592834	1.158551	1.158551	0.707727	1.1098	1.1098	0.553422	0.849203	-1.17758	0.920245	0.973063	-1.02768	0.304898	1.336	1.336	0.67877	1.12025	1.12025	1.43935	1.69467	1.04656	1
cg08478890	MCF2	0.309314	0.0685197	0.315531	-4.31908	0.0328373	0.88063	1.38663	0.364164	0.530459	-1.95902	0.634293	1.40033	1.514703	0.703758	2.95518	2.95518	0.205143	0.383228	-2.60961	0.571753	0.663665	-1.50679	0.44514	1.74795	1.74795	0.92207	0.502204	-1.07273	1.43934	11.7343	7.24672	1
cg14114135	SRCRB4D	0.309319	0.245612	1.40469	1.40469	0.6680209	0.564455	-1.77162	0.508615	0.828913	-1.2064	0.0656398	1.78265	1.78265	0.665063	1.12963	1.12963	0.976307	0.991724	-1.00835	0.501868	1.21013	1.21013	0.912803	0.969813	-1.03113	0.738975	1.09809	1.09809	1.43933	1.78499	1.10236	1
cg07658207	NOTCH1 GPM6B;GPM6B;GPM6B;GPM6B;GPM6	0.309322	0.191753	0.854496	-1.16891	0.642279	1.08677	1.08677	0.183873	1.28501	1.28501	0.684773	0.929976	-1.1753	0.0750357	0.850493	-1.17579	0.6044842	0.691124	-1.44692	0.110392	0.733844	-1.36269	0.291817	0.823204	-1.21477	0.941362	0.987	-1.01317	1.43932	0.721215	0.445406	1
cg06452970	B;GPM6B;GPM6B	0.309326	0.174821	1.77609	1.77609	0.129824	0.521354	-1.91808	0.566762	1.25919	1.25919	0.12794	1.92525	1.92525	0.962397	0.98141	-1.01894	0.414559	0.717514	-1.3937	0.767801	0.888832	-1.12507	0.524522	0.773607	-1.29265	0.173314	1.78012	1.78012	1.43931	3.61134	2.2303	1
cg00964963	CDH2	0.309329	0.25997	0.418789	-2.38783	0.0139173	0.155315	-6.4583	0.0013695	0.261162	3.829064	0.821756	0.860758	1.16932	0.122739	0.23942	-4.1754	0.277606	0.433287	-2.30794	0.226053	0.389991	-2.56416	0.675625	0.732185	-1.36577	0.883637	0.897196	-1.11458	1.4393	12.5073	7.72436	1
cg16582732	TMEM201;TMEM201	0.30933	0.287023	0.542401	-1.84365	0.40207	1.60729	1.60729	0.616051	0.755956	-1.32283	0.587727	1.41116	1.41116	0.132195	0.406943	-2.45735	0.564886	0.724706	-1.37953	0.744695	0.329248	0.581916	-1.71846	0.175573	0.446905	-2.23761	1.43929	0.67993	4.31071	1
cg14708514	EIF2C2;EIF2C2	0.309331	0.100328	0.284551	-3.51459	0.0925389	1.36184	1.36184	0.664385	0.91587	-1.09187	0.104143	0.248099	0.353429	0.284109	0.45715	-2.18747	0.182575	0.17512	-5.71098	0.184645	0.553198	-1.80767	0.183185	0.285824	-3.49885	0.0440384	0.853669	-1.17144	1.43929	0.58313	3.664254	1
cg09038794	MOCS1;MOCS1	0.309331	0.732565	1.09283	1.09283	0.25384	1.36125	1.36125	0.252225	1.36281	1.36281	0.441931	0.816336	-1.22499	0.670414	1.11717	1.11717	0.626454	0.880778	-1.13536	0.167387	0.683244	-1.46361	0.165049	1.4671	1.4671	0.0953592	1.60677	1.60677	1.43929	1.52694	0.943019	1
cg20166723	SPTBN2	0.309334	0.79728	0.579911	-1.14167	0.0441526	0.328762	0.328762	0.0585651	3.00377	3.00377	0.743941	1.18377	1.18377	0.737573	0.841062	-1.18897	0.380903	0.634883	-1.57509	0.493557	1.50044	1.50044	0.808069	0.882262	-1.13345	0.850609	0.907513	-1.10191	1.43928	0.03907	3.72968	1
cg26204101	PBXC2;PBXC2;PBXC2	0.309335	0.961905	0.97912	-1.02122	0.0112837	0.45474	0.45474	0.23859	1.83493	1.83493	0.141459	0.283575	0.354477	0.0603163	0.246854	-4.05043	0.41602	1.48956	1.48956	0.664048	1.23191	1.23191	0.489009	1.40057	1.40057	0.495836	1.39396	1.39396	1.43928	1.25882	3.24781	1
cg23339936	ZNF221	0.309337	0.776446	0.944508	-1.05875	0.578981	0.893685	-1.11896	0.887348	0.971975	-1.02883	0.730501	0.933006	-1.0718	0.546348	1.13024	1.13024	0.0651971	1.51459	1.51459	0.0332096	1.65375	1.65375	0.621781	1.10486	1.10486	0.735732	0.934322	-1.07029	1.4927	0.916728	0.566167	1
cg27312338	KIFC1;KIFC3;KIFC3	0.309338	0.345684	1.39584	1.39584	0.840534	0.193156	-1.07163	0.287874	0.966854	1.46565	0.0292364	0.416122	2.416122	0.0160202	2.514418	2.514418	0.217297	0.15655	-6.38925	0.0373894	0.40426	-2.4726	0.0228107	0.0778549	2.02823	0.207023	0.679449	1.65341	1.65341	1.42027	2.68808	1.66214	1
cg14417974	GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.309338	0.280796	1.3195	1.3195	0.0342788	1.84188	1.84188	0.659012	1.1609	1.1609	0.0897982	1.03001	1.03001	0.497607	0.843439	1.18562	0.129336	1.50992	1.50992	0.117171	1.52335	1.52335	0.647662	1.12053	1.12053	0.893189	1.03356	1.03356	1.43927	1.39425	0.861085	1
cg17395738	OD24	0.309339	0.165261	0.234286	-4.26828	0.924383	0.911118	-1.09755	0.379914	2.4185	2.4185	0.349067	2.57326	2.57326	0.0350311	0.089976	-11.1141	0.28431	0.336032	-2.97591	0.397045	0.427289	-2.34034	0.945189	0.934809	-1.06974	0.671932	0.658584	-1.51841	1.43927	2.91312	1.53339	1
cg06468156	NCLN	0.309341	0.678346	1.09403	-1.29783	0.0139173	0.155315	-6.4583	0.0013695	0.261162	3.829064	0.821756	0.860758	1.16932	0.122739	0.23942	-4.1754	0.563821	1.17075	1.17075	0.241326	0.163363	-6.12249	0.0178454	0.0766254	2.12342	0.0139104	0.272984	1.12342	1.12342	1.43926	2.68018	1.66214	1
cg17516660	ANKFN1	0.309351	0.0661269	0.243598	-4.10513	0.122847	0.318118	-1.34349	0.803168	0.842737	-1.18661	0.475174	1.64462	1.64462	0.0667013	0.244639	-4.08766	0.69033	1.31569	1.31569	0.571002	0.62752	-1.48034	0.900242	1.08972	1.08972	0.401132	0.555009	-1.80177	1.43923	1.01991	0.60791	1
cg11401820	EFTUD1;EFTUD1	0.309352	0.1883192	0.4751	-2.10512	0.2053189	0.445584	-2.24453	0.3	0.8078	1.60736	0.165355	0.308056	0.51085	0.0185485	0.168494	-5.93679	0.591728	0.916874	-1.09052	0.747153	0.745753	-1.34097	0.313139	0.591221	0.7159	0.0756197	0.265655	0.911225	0.911225	1.43923	0.963367	0.978	0.924825	1
cg06058891	EYA2;EYA2	0.309352	0.0370592	0.202559	-4.93684	?	?	0.670628	1.32595	1.32595	0.112957	0.320533	-3.1198	0.679486	1.31521	1.31521	0.937594	0.940669	-1.053	0.349334	0.529737	-1.88773	0.984589	1.01282	1.01282	0.258997	0.459941	-2.17419	1.43911	1.81176	6.12306	1
cg05900127	TBPL1	0.309353	0.818616	1.10008	1.10008	0.404642	1.42485	1.42485	0.419338	1.40864	1.40864	0.138397	0.515604	-1.93947	0.454772	1.37183	1.37183	0.272409	0.622289	-1.60697	0.0443892	0.383369	-2.60845	0.657786	0.831008	-1.20336	0.86667	0.932606	-1.07226	1.43923	3.9301	2.4273	1
cg03447080	ZNF330	0.309357	0.719264	0.885791	-1.12893	0.0738423	0.635217	-1.57427	0.765153	1.07061	1.07061	0.0595426	0.61612	-1.62306	0.950863	1.01413	1.01413	0.223232	1.18846	1.18846	0.877221	0.534634	0.70185	-1.42514	0.783883	0.465445	-2.14848	0.284676	0.703185	-1.42161	1.4373	1.19051	1
cg09706833	CDL1BA1	0.309359	0.977045	1.00436	1.00436	0.520426	0.906248	-1.10345	0.868103	1.02543	1.02543	0.179963	1.24009	1.24009	0.0523089	0.716412	1.39584	0.272232	1.18846	1.18846	0.877721	0.977003	-1.02354	0.160942	1.25392	1.25392	0.669701	1.06699	1.06699	1.43921	0.520464	0.321451	1
cg00435439	PDE4B;PDE4B;PDE4B	0.309361	0.35072	1.39584	1.39584	0.840534	0.193156	-1.07163	0.287874	0.842755	1.5558	0.522541	0.4313	2.4313	0.0160202	2.514418	2.514418	0.217297	0.15655	-6.38925	0.0373894	0.40426	-2.4726	0.0228107	0.0778549	2.02823	0.207023	0.679449	1.65341	1.65341	1.42027	2.68808	1.66214	1
cg09741221	ABR;ABR	0.309368	0.391773	0.851463	-1.17445	0.759285	0.945231	-1.05794	0.533227	0.890781	-1.12261	0.65868	0.92176	-1.04888	0.699166	1.07376	1.07376	0.032797	1.58037	1.58037	0.16097	1.1991	1.1991	1.42042	0.772498	1.2945	0.70946	0.93371	1.071	1.43918	0.7655542	0.472825	1
cg14081744	MICAL2	0.309369	0.0396504	0.521487	-1.91759	0.4071337	1.26119	1.26119	0.0811735	0.589137	-1.6974	0.46998	0.817788	-1.22281	0.355561	0.709198	-1.29702	0.921696	1.02727	1.02727	0.247332	0.718194	-1.39238	0.325217	0.757293	-1.32049	0.648887	0.882104	-1.13365	1.43918	1.70703	1.05412	1
cg00497155	SOX7	0.309371	0.126384	0.4237	-2.36017	0.396837	1.2369	1.2369	0.0359	2.0367	2.0367	0.0842755	1.5558	1.5558	0.0252544	0.4313	2.4313	0.0160202	2.514418	2.514418	0.660202	1.64124	1.64124	0.609351	1.30178	1.30178	0.0398	2.47269	0.995263	1.00128	1.00128	1.43918	0.8989	3.6766	1
cg09741225	ABR;ABR	0.309368	0.391773	0.851463	-1.17445	0.759285	0.945231	-1.05794	0.533227	0.890781	-1.12261	0.65868	0.92176	-1.04888	0.699166	1.07376	1.07376	0.032797	1.58037	1.58037	0.16097	1.1991	1.1991	1.42042	0.772498	1.2945	0.70946	0.93371	1.071	1.43918	0.7655542	0.472825	1
cg14081744	MICAL2	0.309369	0.0396504	0.521487	-1.91759	0.4071337	1.26119	1.26119	0.0811735	0.589137	-1.6974	0.46998	0.817788	-1.22281	0.355561	0.709198	-1.29702	0.921696	1.02727	1.02727	0.247332	0.718194	-1.39238	0.325217	0.757293	-1.32049	0.648887	0.882104	-1.13365	1.43918	1.70703	1.05412	1
cg00497155	SOX7	0.309371	0.126384	0.4237	-2.36017	0.396837	1.2369	1.2369	0.0359	2.0367	2.0367	0.0842755	1.5558	1.5558	0.0252544	0.4313	2.4313	0.0160202	2.514418	2.514418	0.660202	1.64124	1.64124	0.609351	1.30178	1.30178	0.0398	2.47269	0.995263	1.00128	1.00128	1.43918	0.8989	3.6766	1
cg15608357	NUP85	0.309376	0.0414662	0.539882	-1.85226	0.80609	0.937559	-1.0666	0.31215	1.31535	1.31535	0.846726	0.950533	-1.05204	0.201015	0.701852	-1.4248	0.362418	1.04652	1.04652	0.899286	0.96735	-1.03375	0.483496	0.812887	-1.23018	0.0875088	0.609871	-1.63969	1.43916	1.56649	0.967534	1
cg00709219	HS2ST1L2	0.309379	0.375153	1.64266	1.64266	0.0123837	0.45474	0.45474	0.23859	1.83493	1.83493	0.141459	0.283575	0.354477	0.0603163	0.246854	-4.05043	0.26787	1.48956	1.48956	0.664048	1.23191	1.23191	0.489009	1.40057	1.40057	0.495836	1.39396	1.39396	1.43915	1.25882	3.24781	1
cg12780883	ELFN1;ELFN1	0.309396	0.797355	0.896799	-1.11508	0.0493984	0.58396	0.58396	0.0364258	2.79951	2.79951	0.701387	1.17715	1.17715	0.195664	1.7848	1.7848	0.342661	1.51264	1.51264	0.360755	1.48843	1.48843	0.913096	1.0473	1.0473	0.743279	1.14927	1.14927	1.4391	1.4083	2.52275	1
cg11575228	MRPL16;MRPL16	0.309403	0.764467	0.976379	-1.02479	0.8950221	1.01056	1.01056	0.966427	0.998661	-1.00134	0.0246787	0.808353	1.619714	0.451305	1.06266	1.06266	0.782355	1.02227	1.02227	0.561474	0.8833851	1.13215	0.0964598	0.815858	1.03797	0.438802	0.64484	1.10484	1.10484	1.43908	0.144245	0.0890969	1
cg23137088	MEX3C	0.309404	0.102104	0.39644	0.701563	0.0744	0.681134	-1.08456	0.279375	0.8466	0.846599	0.0139104	0.565637	-1.76782	0.189508	0.594466	1.81995	0.721649	0.857161	-1.16664	0.946259	0.918939	-1.01839	0.0527046	0.387161	-2.58291	0.0177023	0.469401	1.42003	1.42003	1.43906	4.23111	2.6135	1
cg16300565	ZFR	0.309413	0.620552	1.42946	1.42946	0.797595	0.831937	-1.20201	0.92433	0.934245	-1.07038	0.749328	1.25799	1.25799	0.117775	0.296369	-3.37417	0.919035	0.92979	-1.07551	0.266718	1.28983	1.28983	0.0294803	0.26826	6.26826	0.709723	1.30695	1.30695	1.43905	11.6827	7.21629	1
cg10100826	TMF1	0.309416	0.6784341	1.09403	-1.29783	0.0139173	0.155315	-6.4583	0.0013695	0.261162	3.829064	0.821756	0.860758	1.16932	0.122739	0.23942	-4.1754	0.563821	1.17075	1.17075	0.241326	0.163363	-6.12249	0.0178454	0.0766254	2.12342	0.0139104	0.272984	1.12342	1.12342	1.43926	2.68018	1.66214	1
cg10980436	NPHS2;NPHS2	0.309417	0.558496	0.528089	-1.8904	0.925672	1.10564	1.10564	0.410929	2.47173	2.47173	0.0800964	0.123716	-8.08305	0.119254	0.162096	-6.1692	0.143049	0.183793	-5.44091	0.816069	0.778207	-1.28501	0.77087	1.39269	1.36929	0.261347	0.52774	1.52774	1.43904	26.3985	16.3063	1
cg01908364	CNN1	0.309421	0.0075716	0.380939	-2.62509	0.938852	0.960804	-1.04157	0.764296	1.1791	1.1791	0.422117	1.54551	1.54551	0.122354	1.72093	1.72093	0.854859	1.1021	1.1021	0.0464495	0.288025	-3.35542	0.56584	1.36091	1.36091	0.593866	1.3316	1.3316	1.43903	6.42403	3.96813	1
cg18885162	FOXH;FOXH;FOXH	0.309423	0.285892	0.838343	-1.1937	0.492041	1.14332	1.14332	0.615151	0.669727	-1.49315	0.312798	0.818387	-1.22192	0.302721	1.22745	1.22745	0.597728	0.902831	-1.10763	0.124173	1.31301	1.31301	0.80855	0.954471	-1.0477	0.41937	0.853522	1.17362	1.43902	0.839825	0.547653	1
cg17344813	CLC1BA1;CLC1BA1;CLC1BA1	0.309427	0.316227	0.755451	-1.32329	0.182163	0.148163	0.316919	1.32835	1.32835	0.350514	0.770998	-1.29702	0.911983	1.0304	1.0304	0.0413009	0.528858	-1.89087	0.75995	1.08648	0.635516	0.878777	-1.13794	0.685244	0.895579	-1.1166	1.43901	1.6694	1.0312	1
cg05972792	MGMT	0.309429	0.496161	0.844966	-1.18389	0.7644	0.928031	1.07644	0.624	0.251652	3.97374	0.181441	0.386936	0.575753	0.0301055	0.155155	6.44599	0.188789	0.41024	2.43834	0.137779	0.546579	-1.82956	0.0874795	0.13836	7.22763	0.0230576	0.149368	1.13836	1.13836	1.43901	0.533705	0.749095	1
cg05236891	PSMD14	0.309428	0.348791	1.14679	1.14679	0.146474	1.24774	1.24774	0.309322	1.16114	1.16114	0.911831	1.01585	1.01585	0.789321	1.03876	1.03876	0.774766	1.04158	1.04158	0.0355647	0.706496	-1.41544	0.892293	0.980946	-1.01942	0.546217	0.916935	-1.09059	1.43901	0.459553	0.283871	1
cg09353310	LOC100129637	0.309431	0.546897	1.31594	1.31594	0.0493201	1.74668	1.74668	0.117711	0.46527	-2.14929	0.28885	1.64189	1.64189	0.660941	0.822853	-1.21529	0.767658	0.875094	-1.14273	0.753466	1.16502	1.16502	0.631714	1.43532	1.43532	0.449855	0.703587	-1.42129	1.439	4.6223	2.85525	1
cg13454258	RCN1	0.309432	0.971841	1.01461	1.01461	0.139253	0.520006	-1.92306	0.579275	0.414441	-2.41306	0.850617	1.08056	1.08056	0.212061	0.582651	-1.71629	0.812073	0.906764	-1.10282	0.164526	0.5472	-1.82748	0.0685314	0.432613	-2.31153	0.547311	0.778607	-1.28435	1.43899	1.84842	2.37723	1
cg20153160	SIK1;SIK1	0.309435	0.622065	0.838102	-1.19317	0.528791	0.797057	-1.25461	0.0234554	0.382042	-2.61751	0.587547	1.21491	1.21491	0.733355	1.12925	1.12925	0.375282	0.945697	-1.05742	0.164685	0.550409	-1.81974	0.266059	0.662358	-1.50976	0.2068809	0.622964	-1.60523	1.43899	2.87973	1.77887	1
cg01309233	C15orf23;C15orf23;C15orf23	0.309436	0.0428265	0.3421	-2.92355	0.0814367	0.253052	-3.9531	0.0544	0.213302	-4.68678	0.0239744	0.213302	-4.68678	0.0239744	0.213302	-4.68678	0.0239744

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Chang N)	Fold-e(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg13780065	UBTF;UBTF;UBTF	0.309777	0.159352	0.612218	-1.63608	0.0796811	1.89023	1.89023	0.674388	1.14835	1.14835	0.32009	0.714393	-1.39979	0.441921	0.7736	1.29262	0.539298	0.814144	-1.22828	0.919998	0.967649	-1.03343	0.531695	1.23045	1.23045	0.159966	1.63473	1.43798	2.44048	1.50858	1
cg22641930	RNF149	0.309784	0.237942	0.631321	-1.58398	0.161131	0.573017	-1.74515	0.975193	0.988498	-1.01164	0.20476	0.607839	-1.66457	0.0859983	0.493675	2.02562	0.628898	1.19864	1.19864	0.628904	0.834284	-1.19863	0.148993	1.77856	1.77856	0.584981	0.814497	-1.22775	1.43796	3.15258	1.94879	1
cg03819671	TNXB;TNXB	0.309789	0.126819	0.326011	-3.06739	0.942647	1.05036	1.05036	0.832478	1.15563	1.15563	0.729933	0.789275	-1.26699	0.0197261	0.146172	-6.84127	0.422671	0.571637	-1.74936	0.287404	0.470352	-2.12607	0.361173	0.526775	-1.89834	0.244058	0.435075	-2.29846	1.43795	10.6193	6.56448	1
cg11880009	DEPDC5;DEPDC5	0.309794	0.194796	0.636127	-1.57201	0.109476	1.77834	1.77834	0.533408	0.831795	-1.23193	0.773426	0.909181	-1.09889	0.0844746	0.532875	-1.87661	0.260739	1.4724	1.4724	0.530483	0.810919	-1.23317	0.480959	0.780584	-1.28054	0.816509	0.826201	-1.07968	1.43793	2.4776	1.53158	1
cg06849977	MB	0.309803	0.029686	0.340936	-2.9331	0.280938	1.5901	1.5901	0.367482	0.676975	-1.47736	0.171031	0.541049	-1.84826	0.968804	1.01662	1.01662	0.239864	0.595337	-1.67972	0.942113	1.03108	0.478765	0.738264	-1.35453	0.970638	0.984609	-1.01563	1.43791	4.04431	2.50012	1
cg19911116	STEAP3;STEAP3;STEAP3	0.309805	0.126666	0.467497	-2.13935	0.953623	0.973589	-1.14713	0.143991	0.68418	-1.46118	0.760513	0.868752	-1.15108	0.0149382	0.252291	-3.96446	0.992009	1.00462	1.00462	0.451642	0.702629	-1.42323	0.976193	1.01383	1.01383	0.308719	0.615791	-1.62393	1.4379	4.8224	2.98176	1
cg16391783	C15orf34;HEXA	0.30981	0.711999	0.928036	-1.07754	0.763073	1.06279	1.06279	0.15208	1.3621	1.3621	0.67877	0.919541	-1.0875	0.0588007	1.53706	1.53706	0.564837	1.12436	1.12436	0.196069	1.317	1.317	0.717543	1.07591	1.07591	0.0596622	1.53429	1.53429	1.43789	0.923834	0.571106	1
cg12991385	GABBR1;GABBR1	0.309812	0.107845	0.426364	-2.34542	0.716867	1.91956	1.91956	0.697398	1.14956	1.14956	0.697398	1.14956	1.14956	0.697398	1.14956	1.14956	0.576331	0.760135	-1.31555	0.0662749	0.368335	-2.71554	0.672955	0.788296	-1.26856	0.329328	0.61317	-1.63087	1.43788	5.37547	3.32308	1
cg06869212	MIR657;AATK;MIR338	0.309815	0.354497	0.542994	-1.84164	0.562363	0.684592	-1.45573	0.908257	0.0767	1.1767	0.266206	0.812059	-1.23144	0.208448	0.424169	-2.35755	0.242184	0.440163	-2.26725	0.0205223	0.16708	-5.98516	0.140649	0.36203	-2.76221	0.9303	1.05769	1.43787	9.35903	5.78573	1
cg12821546	LSM8TL2	0.309817	0.914933	0.98894	-1.01118	0.606543	1.05556	1.05556	0.131509	0.844118	-1.18467	0.793233	0.973028	-1.02772	0.507582	1.07248	1.07248	0.363106	0.906945	-1.1026	0.188709	0.865067	-1.15598	0.296276	0.893399	-1.11932	0.0796832	1.22439	1.22439	1.43787	0.246713	0.152518	1
cg26135956	BON1	0.309822	0.0193714	0.22333	-4.47703	0.844226	1.31707	1.31707	0.474203	0.6807	-1.46853	0.538743	0.607433	-1.51436	0.0783931	0.807109	-2.23899	0.195005	0.71491	-1.39851	0.0439727	0.30995	-3.22567	0.0422	0.942944	1.06001	-1.04165	0.608452	1.34261	1.43785	7.40354	4.57601	1
cg02873263	SMOC1;SMOC1	0.309835	0.873943	1.07655	1.07655	0.251538	1.74457	1.74457	0.375854	1.52532	1.52532	0.56238	1.31272	1.31272	0.0642035	0.380547	-2.6278	0.84118	1.09769	1.09769	0.883658	1.07039	1.07039	0.431874	1.44915	1.44915	0.0982977	0.430706	-2.32177	1.43781	4.91454	3.03828	1
cg13057196	ACOX3;ACOX3	0.309836	0.215319	0.61289	-1.62385	0.182445	1.67659	1.67659	0.260075	0.53599	0.53599	0.716596	0.876331	-1.14112	0.324566	0.690758	-1.44767	0.925125	1.0363	1.0363	0.950968	0.934488	-1.07022	0.343955	0.701298	-1.42593	0.717817	0.876857	-1.14064	1.4791	3.00904	1.57913	1
cg12631860	PIK3CA	0.309854	0.328975	0.627136	-1.59455	0.651013	0.809858	-1.23478	0.205533	0.538742	-1.85637	0.536666	0.76845	-1.3361	0.0240241	0.287465	-3.47869	0.118166	0.455804	-2.19392	0.783694	0.88035	-1.13591	0.523572	0.740734	-1.35001	0.11095	0.447426	-2.23501	1.4778	8.484	3.01943	1
cg00269659	KIAA0556	0.309841	0.527663	0.683549	-1.46295	0.0157195	0.172039	-5.81265	0.299504	0.527671	-1.89152	0.893931	1.15456	1.15456	0.253128	0.477227	-2.09522	0.278435	0.511681	-1.95434	0.431806	0.620641	-1.61124	0.390475	0.592639	-1.68737	0.789916	1.17205	1.17205	1.4778	8.04949	4.97644	1
cg12542842	11-Sep	0.309857	0.450122	1.30652	1.30652	0.270201	1.90116	1.90116	0.452005	1.52302	1.52302	0.729609	1.20711	1.20711	0.0392906	0.941223	-1.06177	0.127433	1.17433	1.17433	0.248038	0.0800507	1.56195	1.56195	0.459675	1.29895	1.29895	0.411405	1.74606	1.33886	1.43775	2.74867	1.69936	1
cg25974475	TBC1D14;TBC1D14;TBC1D14	0.309867	0.970233	0.99518	-1.00484	0.370012	0.771906	-1.29549	0.182561	1.20099	1.20099	0.179794	0.831558	-1.20256	0.848748	1.02503	1.02503	0.574599	1.07619	1.07619	0.953696	0.992551	-1.00755	0.214979	0.84451	-1.18412	0.333184	1.13797	1.13797	1.43772	0.381701	0.235992	1
cg26250963	EIF2C;EIF2C2	0.309869	0.713373	0.910355	-1.09518	0.29155	0.963432	1.03857	0.0121482	0.640803	-1.56033	0.823599	0.949281	-1.05343	0.613732	0.88212	-1.13363	0.846355	0.95332	-1.04897	0.540499	1.16497	1.16497	0.616414	1.1285	1.1285	0.843399	0.95243	-1.04985	1.43771	1.3827	0.854877	1
cg16094517	PAD1	0.309875	0.183794	0.327707	-3.0515	0.489124	1.74358	1.74358	0.587424	1.54253	1.54253	0.758353	0.801725	-1.24731	0.0273447	0.563249	-1.77591	0.428332	0.527423	-1.89601	0.199755	0.342401	-2.92056	0.363249	0.477461	-2.09441	0.479558	0.563563	-1.77442	1.4377	3.74225	2.81219	1
cg10461895	SNORD18A;RPL4;SNORD18B;SNORD16	0.309875	0.135531	0.593601	-1.68463	0.245013	1.48326	1.48326	0.990323	0.996076	-1.00394	0.231861	0.66597	-1.50157	0.190493	0.637986	-1.56743	0.710775	0.886254	-1.12834	0.171239	0.623581	-1.60364	0.217695	0.656778	-1.52258	0.118417	0.577203	-1.73249	1.4377	2.39312	1.4796	1
cg12600079	C1orf110	0.309875	0.316781	0.403999	-2.4426	0.569281	0.608754	-1.6427	0.226379	0.334164	-2.99254	0.0732143	0.178349	-5.60698	0.0728874	0.17792	-5.6205	0.108607	0.220186	-4.52776	0.41106	0.484154	-2.06546	0.865981	1.15692	1.15692	0.120516	0.233834	-4.27654	1.4377	16.9554	10.4831	1
cg17739543	PADI1	0.309877	0.413762	0.532097	-1.87904	0.13963	1.44774	1.44774	0.465672	0.821891	-1.21745	0.79593	0.967042	-1.03405	0.318969	0.674429	-1.48255	0.467042	0.672188	-1.48676	0.0929063	0.21422	-4.6681	0.0973237	0.502477	-1.99014	0.59357	0.744892	-1.34248	1.43769	6.60868	4.20184	1
cg25724554	AANAT;AANAT;AANAT	0.309878	0.126632	0.610154	-1.63893	0.622432	0.862088	-1.15997	0.825508	0.936113	-1.06825	0.551433	0.835127	-1.19742	0.10179	0.58535	1.70838	0.31179	1.36734	1.36734	0.190011	1.51439	1.51439	0.233691	0.688451	-1.45254	0.356068	0.752896	-1.3282	1.43769	2.03559	1.25856	1
cg25380868	IGFBP2	0.309882	0.095028	0.55496	-1.80193	0.825506	0.931577	-1.07345	0.222888	1.50852	1.50852	0.159045	1.54757	1.54757	0.75953	0.906149	-1.10357	0.276973	1.43756	1.43756	0.383852	0.750795	-1.33192	0.643961	0.753997	-1.33397	0.658845	0.86708	-1.1533	1.43768	2.3461	1.45055	1
cg02240370	CWF19L1;SNORA12	0.309883	0.870842	1.08008	1.08008	0.0911	1.12457	1.12457	0.532009	0.729669	-1.37095	0.309294	0.924422	-1.08185	0.0135727	0.707403	-1.41422	0.924422	0.925697	-1.08053	0.0135727	0.707403	-1.41422	0.925697	1.08053	1.08053	0.0135727	0.707403	-1.41422	1.43762	2.55168	1.78	1
cg13645811	SYNJ2	0.309886	0.242701	0.59034	-1.69394	0.0699897	0.413707	-2.41717	0.11981	0.481085	-2.07863	0.86645	1.07472	1.07472	0.415696	1.4295	1.4295	0.922988	0.959449	-1.04226	0.579217	1.27146	1.27146	0.117425	0.478359	-2.09048	0.595993	0.795024	-1.25782	1.43765	4.20232	2.21	1
cg19748194	DNAH8	0.309889	0.708754	0.840418	-1.19026	0.197563	0.620251	-1.6127	0.0703563	0.0126	-1.6897	0.0285576	0.4314	-2.26855	0.0127449	0.0126	-7.94238	0.221626	0.15987	-6.25562	0.0126	0.0126	-7.94238	0.15987	0.39233	-2.55001	0.312379	0.39233	-2.55001	1.43761	2.63716	1.63056	1
cg05206120	GAINT1;GAINT1;GAINT1	0.3099	0.134334	0.237978	-4.20207	0.808008	0.806097	-1.24055	0.676701	1.45189	1.14708	0.750861	-1.3318	0.373453	0.0174353	0.169501	-5.89967	0.729553	0.734474	-1.36152	0.210544	0.309385	-3.23218	0.0742987	0.170617	-5.86108	0.124311	0.227689	-4.39196	1.43762	18.0025	11.131	1
cg02274490	TMEM48;TMEM48;TMEM48;TMEM48;TME M418;TMEM418	0.309905	0.479902	0.861348	-1.16097	0.595494	1.1178	1.1178	0.283716	1.26045	1.26045	0.676215	1.09121	1.09121	0.096377	1.46144	1.46144	0.820868	1.04826	1.04826	0.408374	1.19214	1.19214	0.07059	1.52189	1.52189	0.0615553	1.5491	1.5491	1.43761	0.983468	0.608089	1
ch.13.15429[2	DOCK9;DOCK9;DOCK9;DOCK9	0.30991	0.0562937	0.620908	-1.65863	0.952934	1.01391	-1.01391	0.979972	0.994141	-1.00589	0.218287	0.73849	-1.35411	0.983278	0.995106	-1.00492	0.13829	1.45292	1.45292	0.160002	0.703675	-1.42111	0.859318	1.04241	1.04241	0.677297	1.10293	1.10293	1.43759	1.14776	0.77151	1
cg11519176	BGLAP	0.309931	0.0567282	0.474154	-2.10844	0.560736	1.49777	1.49777	0.202532	0.638095	-1.56703	0.554114	0.752878	-1.32849	0.0274708	0.421309	-2.37278	0.467042	0.699328	-1.43016	0.0966494	0.244059	-4.09851	0.0977337	0.15115	1.00115	0.0013113	0.581567	-1.72008	1.43759	3.60982	2.26293	1
cg06941557	KDM6B;TMEM88	0.30992	0.149635	1.54388	1.54388	0.818056	1.06093	1.06093	0.61551	0.867308	-1.15299	0.0748688	1.74673	1.74673	0.581161	0.855001	1.16959	0.903383	1.03473	1.03473	0.871822	1.04644	1.04644	0.0404315	1.94534	1.94534	0.900487	1.0358	1.0358	1.43756	1.79949	1.11268	1
cg04569804	C5F1R;FOGFR8	0.309922	0.115156	0.551722	-1.81251	0.334723	0.707939	-1.41255	0.682289	1.15361	1.15361	0.402432	0.742671	-1.34649	0.0391896	0.436699	-2.28991	0.699898	0.874177	-1.14393	0.174078	0.605308	-1.65205	0.140147	0.576345	-1.73507	0.265468	0.668386	-1.49614	1.43756	2.74437	1.69693	1
cg09702334	PRKAR1B;PRKAR1B	0.309923	0.835627	0.951392	-1.05109	0.0449828	1.73635	1.73635	0.717481	1.09106	1.09106	0.446825	0.830308	-1.20437	0.393804	0.811	-1.23305	0.131588	0.676798	-1.47755	0.248926	1.33513	1.33513	0.918151	1.02496	1.02496	0.905373	1.02893	1.02893	1.43756	1.30958	0.809759	1
cg00095330	CSDE1	0.309924	0.463545	0.748966	-1.33535	0.515174	0.824424	0.824424	0.0201271	0.887737	-1.12646	0.151982	0.436023	-2.29358	0.0782703	0.288407	-3.45295	0.795404	1.1424	1.1424	0.241567	0.470019	-2.12757	0.716894	0.740693	-1.35055	0.946768	0.85423	-1.17045	1.43755	2.30593	1.21601	1
cg26211634	C5orf32	0.30993	0.462101	1.21182	1.21182	0.148343	0.671728	-1.4887	0.693798	1.10688	1.10688	0.442004	0.886206	-1.12841	0.437701	1.20564	1.20564	0.820427	1.06009	1.06009	0.0332373	1.89327	1.89327	0.486045	0.83389	-1.1992	0.401783	1.24636	1.24636	1.43754	1.49952	0.927216	1
cg11870100	ELF5;ELF5	0.309931	0.150774	2.35369	2.35369	0.277291	1.874	1.874	0.738135	0.829849	-1.26504	0.751555	1.22598	1.22598	0.680496	1.25881	1.25881	0.472022	1.50177	1.50177	0.0495073	1.47579	1.47579	0.0504188	1.45397	1.45397	0.269815	1.8947	1.8947	1.43753	7.0349	4.34998	1
cg14937228	FAM107B	0.309934	0.343881	1.52518	1.52518	0.309235	0.151764	-1.61424	0.0677301	0.0201271	-1.88737	-1.12646	0.151982	0.436023	-2.29358	0.0782703	0.288407	-3.45295	0.602227	0.603762	-1.65623	0.464435	0.21621	-4.62507	0.0374188	0.329	0.0703	-1.42273	0.0170858	1.44879	0.443573	0.20593	1.43753	12.9601	1
cg15825321	ARHGAP23	0.309934	0.735059	0.737494	-1.3559	0.0922012	0.526787	1.26787	0.0506204	0.736573	1.36573	0.623153	0.641626	-1.55854	0.881779	0.875109	-1.14271	0.703326	1.4092	1.4092	0.198631	0.295874	-3.37982	0.422927	0.208295	0.828547	0.128704	0.18704	-5.34752	1.43752	18.2976	11.3143	1
cg09731845	KLHL2;GK3P;KLHL2;KLHL2	0.309934	0.319621	1.81208	1.81208	0.51886	1.19257	1.19257	0.14557	0.552774	-1.80994	0.0202309	0.809356	-1.23885	0.622273	1.10274	1.10274	0.102873	1.1047	1.1047	0.0248	0.715026	1.1047	1.1047	0.0248	0.715026	1.1047	1.1047	0.0248	0.715026	1.43752	2.55568	1.83	1
cg08610278	APLN	0.309944	0.131077	0.305306	-3.2754	0.2235318	0.394261	-2.53639	0.445134	0.567522	-1.76205	0.15914	0.298956	0.898373	0.911201	-1.09745	0.144713	0.319805	-3.12691	0.586468	1.49143	1.49143	0.41359	1.8373	1.8373	0.493425	1.65894	1.65894	0.14749	12.0585	7.4565	1
cg22005656	CCNI1	0.309955	0.504167	0.738467	-1.35494	0.266015	1.67784	1.67784	0.2641	0.498179	-1.43853	0.58717	1.27734	1.27734	0.0614292	0.558207	-1.79056	0.729489	1.17401	1.17401	0.295101	0.64339	1.55487	1.55487	0.0615553	1.53248	1.53248	0.45839	2.80571	1.43751	2.60206	1.64868	0.419864	1
cg02107668	MCF2L	0.309952	0.133717	0.468239	-2.13566	0.64278	0.479126	-2.08713	0.960679	0.908468	-1.05544	0.25544	0.503522	-1.98641	0.0108564	0.155422	-6.43253	0.842773	0.911045	-1.09764	0.0157297	0.393746	-2.53971	0.0247554	0.103746	-9.63551	0.0124367	0.14055	1.04555	1.43747	5.01041	3.20828	1
cg22293261	ASPSCR1	0.309953	0.678678	0.8275	-1.20846	0.368981	1.52396	1.52396	0.644607	0.809681	-1.23505	0.541182	1.32464	1.32464	0.0331303	0.322338	3.10234	0.913412	1.05068	1.05068	0.144774	2.0378	2.0378	0.736141	0.857512	-1.16636	0.475573	1.39062	1.39062	1.43747	4.70322	2.90834	1
cg17321617	BAT2;BAT2	0.309955	0.326337	0.547456	-1.82705	0.226085	0.216	-4.62963	0.0215	0.0201271	-1.88737	-1.12646	0.151982	0.436023	-2.29358	0.0782703	0.288407	-3.45295	0.602227	0.603762	-1.65623	0.464435	0.21621	-4.62507	0.0374188	0.329	0.0703	-1.42273	0.0170858	1.44879	0.443573	0.20593	1.43747	12.9601	1
cg01244877	FUNA;FUNA	0.309957	0.180686	0.386732	-2.58577	0.104342	0.305227	-3.27625	0.442862	0.592757	-1.68703	0.161487	0.27165	-3.68114	0.0275764	0.856486	0.886037	-1.12862	0.0678204	0.254815	-3.92442	0.851631	0.882367	-1.13331	0.502606	0.634608	-1.57578	0.887388	0.909642	-1.09933	0.74746	0.10703	6.28906	1
cg11796827	RAC1;RAC1	0.309959	0.265189	1.63925	1.63925	0.0464681	2.63975	2.63975	0.0324952	2.66917	2.66917	0.0178545	1.4663	1.4663	0.397083	1.44644	1.44644	0.481544	1.35594	1.35594	0.151248	1.32624	1.32624	0.226606	1.71228	1.71228	0.0545111	1.02458	1.02458	1.43745	4.13564	2.55405	1
cg11781518	CAPS2	0.309966	0.396168	0.717776	-1.39333	0.615435	0.844151	-1.18459	0.0313771	0.443527	-2.25465	0.0400447	0.404308	-2.47336	0.0952451	0.496814	-2.01282	0.16666	0.824805	-1.21241	0.181725	0.255425	-3.19777	0.584642	0.810055	-1.23448	0.373575	0.705691	-1.41705	1.43743	3.31554	2.05029	1
cg10897648	MALT1;MALT1	0.309967	0.523445	0.909303	-1.09974	0.643664	1.10497	1.10497	0.93092	1.03759	-1.08507	0.530521	1.10497	1.10497	0.919221	1.08258	1.08258	0.580227	1.02625	1.02625	0.0136871	1.57018	0.650361	1.06939	1.06939	0.742338	1.0497	1.0497	1.43743	0.492166	0.304349	1
cg18468235	AMICA1;AMICA1	0.309967	0.507349	0.697284	-1.43386	0.432431	0.396247	-2.52368	0.0387432	0.241383	-4.14279	0.0118822	0.15216	-6.57192	0.0139576	0.0170705	-5.85861	0.0246007	0.16706	-5.98536	0.0126	0.0126	-7.94238	0.0126	0.0126	-7.94238	0.0126	0.0126	-7.94238	1.43742	3.42842	2.46469	1
cg15168189	DUSP3;C1orf105	0.309968	0.055111	0.272141	-3.67457	0.302956	0.528039	-1.8938	0.87112	1.10205	1.10205	0.0564075	0.274504	-3.64294	0.588227	0.720985	-1.38699	0.86691	1.10559	1.10559	0.417271	0.608894	-1.64232	0.594833	1.37885	1.37885	0.463463	1.563	1.563	1.43742	8.15373	5.04218	1
cg13870795	HPCA	0.309969	0.50908	1.12263	1.12263	0.378066	0.855399	-1.16905	0.508578	1.12279	1.12279	0.947856	0.988769	-1.01136	0.30341	0.831882	-1.20212	0.0264041	1.17562	1.17562	0.839554	0.903635	0.831667	-1.2024	0.779281	1.0464	1.0464	1.43742	0.678963	0.419864	1
cg09908986	KRAS;KRAS	0.309972	0.238563	1.37774	1.27774	0.597403	0.889584	-1.11163	0.383364	0.837376	-1.19421	0.0217887	1.72749	1.72749	0.447645	1.09656	1.09656	0.846808	0.962335	-1.03915	0.889192	0.972701	-1.02807	0.943051	1.01429	1.01429	0.269233	1.25665	1.25665	1.43741	1.897465	0.554988	1
cg02722637	KCNA6;KCNA6	0.309977	0.194866	0.419141	-2.38583	0.937077	1.05134	1.05134	0.181611	0.466887	-2.45768	0.321867	0.522581	-1.91358	0.0278251	0.192309	-5.19997	0.653144	0.750613	-1.33224	0.433445	0.602369	-1.66011	0.616003	1.37804	1.37804	0.163463	0.389408	-2.568	1.4374	9.15468	5.66127	1
cg21433105	BAT2	0.309982	0.424802	0.7185	-1.39161	0.480802	0.267573	-3.73744	0.0178526	0.109118	-1.09118	0.64553	1.27077	1.27077	0.0642085	0.527304	-1.89652	0.0532523	0.20168	-4.95869	0.0126	0.0126	-7.94238	0.0126	0.0126	-7.94238	0.0126	0.0126	-7.94238	1.43739	2.72181	1.40578	1
cg15619737	TBC1D7;TBC1D7;TBC1D7;TBC1D7	0.309999	0.41051	0.676991	-1.14026	0.575673	0.0922	1.0922	0.224899	1.21994	1.21994	0.0599223	0.717121	-1.39447	0.732651	0.947927	-1.05493	0.307416	0.848079	-1.17914	0.109613	0.761824	-1.31264	0.315871	0.850669	-1.17555	0.593908	0.919493	-1.08756	1.43733	0.553712	0.342431	1
cg00780000	BEGAIN;BEGAIN	0.310049	0.470349	0.736104	-1.35826	0.0512069	0.648736	1.54152	0.0683268	0.562683	-1.77745	0.0241653	0.27845	-3.59183	0.0127137	0.0127137	-7.86711	0.612328	0.612328	1.63314	0.63314	0.63314	2.53004	0.395409	0.395409	2.52849	0.395409	2.52849	0.395409	2.52849	1.43733	1.87344	0.395409	2.52849	1
cg19284277	SLC16A3;SLC16A3;SLC16A3 LMAN2L;LMAN2L;LMAN2L;LMAN2L;LM AN2L;LMAN2L	0.310009	0.885939	0.941841	-1.06175	0.45198	0.72623	-1.37697	0.547365	0.775542	-1.28942	0.435122	0.717189	-1.39433	0.850676	1.08185	1.08185	0.306816	1.55528	1.55528	0.0257743	3.02023	3.02023	0.44471	1.38438	1.38438	0.418866	0.708342	-1.41175	1.4373	1.96711	2.45342	1
cg17240528	AN2L;LMAN2L	0.31001	0.313919	0.586059	-1.70631	0.0626331	0.341334	-2.92968	0.0379054	0.290847	-3.43823	0.779972	0.866164	-1.15452	0.31526	0.586986	-1.70362	0.292876	0.571301	-1.75039	0.192131	0.492462	-2.03062	0.719437	1.20833	1.20833	0.0440749	0.730271	-1.36936	1.4373	5.99180	3.70564	1
cg02898994	TGM6	0.31001	0.45805	1.5944	1.5944	0.060934	0.284817	-3.51103	0.0506219	0.252819	-3.9554	0.82652	1.14512	1.14512	0.216385	0.44794	-2.23244	0.754553	0.823974	-1.21363	0.847616	0.888016	-1.12611	0.884454	1.09393	1.09393	0.244785	0.471829	-2.11941	1.4373	8.67573	5.36545	1
cg14193886	LIF;LIF	0.310023	0.212279	0.787201	-1.27034	0.404254	1.10588	1.10588	0.502994	1.27269	1.27269	0.106016	0.602251	1.25994	1.25994	0.0170769	0.160516	0.604222	0.804324	1.24316	0.0225128	0.0602028	0.711505	1.40547	0.0307994	0.665716	1.50214	0.0741852	0.665716	1.50214	0.0741852	0.665716	1.50214	0.0741852	1.4373	1.06886	0.218894	0.767502	-1.30293	1.43726	0.216543	0.727282	1
cg08022609	DIXDC1;DIXDC1	0.310024	0.116189	0.749854	-1.33359	0.516862	1.11719	1.11719	0.747604	0.947011	-1.05595	0.530095	0.868303	-1.13321	0.24174	1.22951	1.22951	0.409708	1.15277	1.15277	0.389291	0.861773	-1.1604	0.483766	0.886923	-1.12749	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Fold-Change(1 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(1 vs. N)	p-value(107T vs. 057 vs. N)	Fold-Change(1 vs. N)	p-value(111T vs. N)	Fold-Change(1 117 vs. N)	p-value(112T vs. N)	Fold-Change(1 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. 473 vs. N)	p-value(353T vs. N)	Fold-Change(1 537 vs. N)	p-value(353T vs. N)	Fold-Change(1 537 vs. N)	p-value(537T vs. N)	Fold-Change(1 377 vs. N)	p-value(563T vs. N)	Fold-Change(1 637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg19633435	APH1B;APH1B		0.3103363		0.504235	0.88496	-1.24369	0.3640727	0.15004	1.35308	0.855175	1.06656	1.06656	0.216099	0.65777	-1.52029	0.0520468	0.491049	-2.03646		0.102989	0.56327	-1.77535	0.585826	0.837733	-1.1937	0.937882	1.0254	1.0254	0.179567	0.632096	-1.58204	1.43627	2.3555	1.45779	1
cg20367961	EDN2		0.3103366		0.135402	0.343134	-2.91432	0.1519303	2.77386	2.77386	0.720527	0.787601	-1.26968	0.315558	1.99311	1.99311	0.0946446	0.294953	-3.39038		0.97566	0.979927	-1.02048	0.958353	1.88269	1.8726	1.8726	0.456379	0.6040012	-1.6556	0.905219	0.923884	-1.08239	1.43626	1.08481	0.21866	1
cg07607126	EBF1		0.3103368		0.0421386	0.517271	-1.93322	0.986759	0.995339	-1.00468	0.744438	0.912019	-1.09647	0.305469	1.34818	1.34818	0.436736	1.25029	1.25029		0.350719	1.310552	1.310552	0.237007	0.7055525	-1.41738	0.312076	1.34235	1.34235	0.8539	1.05365	1.05365	1.43626	1.803157	1.11597	1
cg10029031	RGS19;RGS19;OPRL1;OPRL1		0.3103372		0.512436	1.12751	1.12751	0.472815	0.876452	-1.14056	0.998272	1.00039	1.00039	0.318544	1.80308	-1.2047	0.0676986	0.609391	-1.44735		0.908	0.979331	-1.0215	0.4412633	0.6535569	-1.53006	0.741988	1.0615	1.0615	0.595029	1.10177	1.10177	1.43624	0.7423227	0.459425	1
cg08426047	ZSCAN22;ZSCAN2;ZSCAN2		0.3103375		0.964574	0.990852	-1.00923	0.6635522	0.651777	-1.53427	0.233349	0.772163	-1.29506	0.12849	0.711787	-1.40491	0.233958	0.772448	-1.29459		0.579132	0.890535	-1.12292	0.0449761	0.621208	-1.60977	0.251522	0.780449	-1.28131	0.422721	0.844131	-1.18465	1.43623	0.973946	0.602777	1
cg09146325	CP110;CP110		0.3103377		0.135974	2.40951	2.40951	0.4462752	1.5232	1.5232	0.18432	0.7262602	0.332176	-3.00345	0.4119348	1.57365	1.57365	0.462292	1.50075	1.50075		0.2224494	2.01565	2.01565	0.412618	0.6346404	-1.57579	0.743483	1.19454	1.19454	0.455857	1.50994	1.50994	1.4774	6.70559	3.53017	1
cg11112615	SERPINB6		0.3103379		0.0719035	0.445511	-2.24461	0.8414416	1.08396	1.08396	0.61239	0.8141447	-1.22828	0.261853	1.59793	1.59793	0.483548	0.750861	-1.3318		0.903005	0.952121	-1.05029	0.0443124	0.3947014	-2.53356	0.880122	1.06261	1.06261	0.706621	1.16436	1.16436	1.43622	3.68377	2.27991	1
cg02151618	PRSS13		0.3103379		0.600275	1.53573	1.53573	0.6456155	1.34403	1.34403	0.885328	1.468015	1.468015	0.319627	2.222309	2.222309	0.8615188	1.152503	1.152503		0.998196	0.998167	-1.00184	0.9994682	0.4993706	-2.0355	0.945339	1.54357	1.54357	0.194504	3.045232	3.045232	1.43622	14.5746	9.26789	1
cg22258653	GCET2;GCET2		0.3103381		0.2529683	0.746179	-1.256	0.8699669	1.08579	1.08579	0.0857093	0.391527	-2.5541	0.5232512	0.722686	1.38373	0.892122	0.952585	-1.04978		0.508742	0.714076	-1.40041	0.0200863	0.244395	-4.09174	0.922846	0.9525	-1.04987	0.80176	0.881278	1.13472	1.43622	5.7407	3.55298	1
cg02729281	ALS2CL		0.3103394		0.2504407	0.483966	-2.06626	0.1197	0.360531	-2.77368	0.677166	0.776471	-1.28788	0.168323	0.411852	-2.42806	7	7	7		0.202375	0.443393	-2.25534	0.9052254	1.0746	1.0746	0.477391	1.54732	1.54732	0.21836	2.18661	2.18661	1.43599	7.38145	5.14033	1
cg20780946	HPS1;HPS1		0.3103397		0.4676583	0.806295	-1.24004	0.3649729	0.95004	1.05204	0.824838	0.9436973	1.00406	1.00406	0.134138	0.8331113	1.01764	1.01764	1.01764		0.8066311	0.954681	-1.04747	0.238855	1.26272	1.26272	0.792197	1.24266	1.24266	0.0996813	1.40663	1.40663	1.43617	0.8133329	0.503394	1
cg17278770	KIAA1191;KIAA1191;-KIAA1191		0.3103402		0.702415	1.11719	1.11719	0.0181602	2.28881	2.28881	0.254151	0.41021	1.41021	-1.582373	1.17389	1.17389	0.242727	0.702931	-1.42261		0.872363	0.954648	-1.04751	0.974172	0.9906698	-1.00939	0.954477	0.9836556	-1.01662	0.6868895	1.12409	1.12409	1.43616	1.89538	1.17312	1
cg18135502	LHPP;LHPP		0.3103404		0.7509688	0.8494437	-1.22194	0.2969384	1.07493	1.07493	0.754824	0.638392	-1.61718	0.9534467	1.03736	1.03736	0.309554	0.32601	-3.06676		0.8509267	0.245458	-4.07402	0.124599	0.3515564	-2.84363	0.912797	0.9379915	-1.0662	0.5694993	0.696752	-1.43523	1.43615	8.88601	5.56179	1
cg02420724	COL5A2		0.3103405		0.20891	1.8114	1.8114	0.1439477	2.024001	2.024001	0.57357	1.29054	1.29054	-1.28054	0.4447648	1.41822	1.41822	0.146217	0.496787	-2.01294		0.5466115	0.7606615	-1.31472	0.5351185	0.754528	-1.32533	0.111786	2.1744	2.1744	0.815179	0.900305	-1.11073	1.43615	4.57563	2.83204	1
cg10138919	AKAP13;AKAP13		0.3103411		0.624744	0.908958	-1.10016	0.389396	0.842996	-1.18625	0.0854702	0.69204	-1.445	0.8145131	1.04655	1.04655	0.344049	1.20753	1.20753		0.842086	1.03938	1.03938	0.150824	0.7422102	-1.34734	0.708942	0.9299667	-1.07531	0.0555832	0.657012	-1.52304	1.43612	0.852795	0.527838	1
cg01843164	TBPL1		0.3103417		0.1703882	1.32078	1.32078	0.877945	0.979221	-1.02122	0.564026	0.925432	1.09409	-1.08294	0.1399313	0.804935	-1.24234	0.725432	1.09409		0.991551	1.00145	1.00145	0.972751	1.00468	1.00468	0.203331	1.20137	1.20137	0.06056414	1.35128	1.35128	1.43611	0.4246011	0.262809	1
cg25237894	C2orf82		0.3103421		0.3200547	1.50467	1.50467	0.532245	1.28639	1.28639	0.633756	0.8260772	-1.21055	0.654115	1.19666	1.19666	0.03703333	2.62208	2.62208		0.8189842	1.09557	1.09557	0.0514389	2.41746	2.41746	0.202925	1.70756	1.70756	0.553767	1.26926	1.26926	1.4361	3.60424	2.23088	1
cg09765396	ZC82;ZC82		0.3103429		0.153379	2.47836	2.47836	0.3236585	1.8318	1.8318	0.718485	1.23883	1.23883	1.130382	2.63772	2.63772	0.775758	1.18482	1.18482		0.282781	1.94014	1.94014	0.146133	3.53097	3.53097	0.029436	4.586	4.586	0.23621	2.08981	2.08981	1.43608	8.02061	4.6645	1
cg00456727	C1orf9;C1orf9		0.3103433		0.3604433	0.8254434	-1.2113	0.5140133	0.14591	1.11491	0.222159	0.7696666	-1.29927	0.430761	1.17832	1.17832	0.235245	0.7745669	-1.29104		0.8138234	0.954114	-1.04809	0.0667591	0.6374443	-1.52104	0.745068	0.9355595	-1.06884	0.0774191	0.669056	-1.49264	1.43607	0.9469052	0.586139	1
cg00756451	TBX5;TBX5;TBX5;TBX5		0.3103448		0.107212	0.316539	-3.15917	0.137745	0.552956	-1.80846	0.874692	1.10877	1.10877	0.405274	0.572893	-1.74553	0.176343	0.390473	-2.561		0.263935	0.466815	-2.14218	0.0197319	0.2110063	-4.73793	0.453326	0.6066578	-1.64832	0.102567	0.310789	-3.21761	1.43602	9.73998	6.02528	1
cg20454454	C1QTNF1;MFAP		0.3103454		0.347581	0.702705	-1.4255	0.332201	1.16156	1.16156	0.531381	1.23831	1.23831	0.718742	1.10997	1.10997	0.129267	0.151223	6.61596		0.30146	0.697022	-1.4347	0.200125	0.6193625	-1.57822	0.0140099	0.4439785	-2.29471	0.925165	1.03218	1.03218	1.436	2.585808	1.60017	1
cg05030481	SLC6A3		0.3103458		0.7690901	1.03735	1.03735	0.2866663	0.872419	-1.14624	0.974079	0.996	-1.00402	0.930993	1.01074	1.01074	0.583733	1.15882	1.15882		0.3853366	1.11603	1.11603	0.663752	1.055344	1.055344	0.0215959	1.40542	1.40542	0.115333	2.007	1.43597	1.20757	1.203577	0.459399	1
cg11259409	LOC255512;TQLLIP		0.3103466		0.9190975	0.9774758	-1.02318	0.379936	0.744304	1.34408	0.0258013	0.4452844	0.638392	-1.61718	0.9534467	1.03736	1.03736	0.309554	0.32601	-3.06676		0.9453133	1.54082	1.54082

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105T vs. 057 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(537T vs. N)	Fold-Change(537T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	t(Test)	SS(Test)	SS(Error)	f(Error
cg02783662	NENF;NENF		0.310915	0.875316	0.175316	-1.14244	0.123876	1.59817	0.48203	1.19305	1.19305	0.397356	0.23874	1.23874	0.117798	0.6573	-1.52137		0.0952393	1.57281	1.57281	0.350316	1.35807	1.26807	0.731668	1.08876	1.08876	0.740507	0.921173	-1.08557	1.43466	1.38677	0.85922	1
cg00263619	CCDC41;CCDC41		0.310916	0.679237	0.862592	-1.1593	0.389424	1.36825	1.36825	0.464235	0.769235	-1.29999	0.832122	0.927315	-1.07838	0.0196343	0.3677101	2.72404		0.9497331	0.977837	-1.02267	0.645807	0.8483111	-1.17881	0.510875	0.788939	-1.26753	0.116904	0.545792	-1.83222	1.43466	2.87132	1.77902	1
cg03587557	NEU1;SLC44A4		0.310923	0.580292	0.804586	-1.24287	0.0874324	2.0845	2.0845	0.491143	1.3129	1.3129	0.152296	1.81653	1.81653	0.582214	0.805492	-1.24148		0.893303	1.05363	1.05363	0.442613	1.3563	1.3563	0.0796341	2.13523	2.13523	0.135754	1.86986	1.86986	1.43463	3.44333	2.13347	1
cg25124326	TPRA1;TPRA1		0.310928	0.497845	0.760046	-1.31571	0.300126	0.65176	-1.53431	0.943109	1.02886	1.02886	0.175726	1.77537	1.77537	0.91285	0.957252	-1.04461		0.5300272	1.28865	1.28865	0.0366588	0.3798599	-2.63255	0.33691	1.48395	0.947783	0.704226	-1.02646	1.4662	3.61149	2.23767	1
cg27443844	PKFYVE		0.310931	0.525518	0.681574	-1.46719	0.984126	1.08114	-1.01193	0.330259	0.540543	-1.81969	0.687745	1.29238	1.29238	0.0426397	0.248661	-4.0183		0.374619	0.580982	-1.72122	0.700153	0.7940663	-1.29535	0.115215	2.77468	2.77468	0.362151	0.572268	-1.74743	1.43661	8.06789	4.99889	1
cg24014869	FVS5;LEVS5		0.310932	0.499356	1.12174	1.12174	0.10857	1.34078	1.34078	0.636796	0.88295	1.08255	0.609075	1.09082	1.09082	0.305836	0.8372348	-1.19409		0.0753904	1.39253	1.39253	0.174475	0.7850252	-1.2738	0.508532	1.11892	1.11892	0.448249	0.989194	-1.01093	1.43661	0.637767	0.395163	1
cg06621425	PTPRN2;PTPRN2;PTPRN2		0.310945	0.521137	0.784425	-1.27482	0.433634	1.34757	1.34757	0.894273	0.951568	-1.0509	0.495575	1.29479	1.29479	0.0289147	0.382246	-2.61612		0.67208	0.853028	-1.17229	0.167557	0.577396	-1.73191	0.421498	1.35877	1.35877	0.52204	0.784849	-1.27413	1.43457	3.1671	1.9624	1
cg07550564	STK31;STK31;STK31		0.310947	0.463453	0.878657	-1.1407	0.0189073	1.52038	1.52038	0.184318	1.02555	0.720109	0.938504	-1.06053	0.763101	0.948074	-1.05477		0.991345	1.00183	1.00183	0.784973	1.04943	1.04943	0.656128	1.00975	1.00975	0.0619473	0.690076	-1.44912	1.43454	0.706947	0.438049	1
cg09875661	PFKP		0.310961	0.915377	0.923297	-1.08308	0.0339706	1.61402	1.61402	0.0780441	1.34959	-1.34959	0.95306	1.04813	1.04813	0.0200138	0.443083	-2.23063		0.624857	1.44775	1.44775	0.99084	1.00024	1.00024	0.0320038	1.07831	1.07831	0.14522	1.82877	1.82877	1.43464	12.8077	7.93614	1
cg23695504	C1orf229		0.310964	0.621208	0.771877	-1.29554	0.364405	1.62337	1.62337	0.424696	1.52777	1.52777	0.074611	0.356137	-2.80791	0.748108	0.845782	-1.18234		0.0560476	0.324648	-3.08026	0.323863	0.588802	-1.69836	0.96124	1.02559	1.02559	0.689877	1.23183	1.23183	1.43452	6.13957	3.80435	1
cg08130222	MYLPF		0.310965	0.864741	0.973455	1.35743	0.0134422	1.55802	1.55802	0.0145403	0.274494	0.279494	-3.57788	0.0704186	0.704186	0.0222535	0.440496	-2.27017		0.1783174	0.400663	-2.49581	0.0196964	0.2504683	-3.99507	0.0083025	0.769231	-1.3	0.708938	0.786772	-1.27102	1.44451	9.29317	5.75947	1
cg21095286	TYRO8P;TYRO8P		0.310965	0.122154	0.555966	-1.52447	0.772596	1.07565	1.07565	0.605041	1.14031	1.14031	0.655588	0.905773	-1.10403	0.175094	0.695621	-1.43756		0.414235	0.810539	-1.23375	0.0622067	1.69614	1.69614	0.692468	0.904795	-1.10522	0.432535	0.817434	-1.22334	1.43451	1.43907	0.891711	1
cg04906764	ATP5I;ATP5I;ATP5I		0.310973	0.0868546	0.602121	-1.66284	0.757935	0.709499	-1.5159	0.361142	0.279023	1.27883	0.211362	1.61764	1.61764	0.64901	-1.54081	0.0280327	0.501772	-1.99294		0.402645	0.796448	-1.25592	0.211569	0.705126	-1.41819	0.933205	0.76702	-1.30375	0.538163	0.847369	-1.18012	1.43449	1.60422	0.994066	1
cg15890274	SNX32		0.310981	0.218474	0.747671	-1.33749	0.285761	1.28283	1.28283	0.313509	0.791279	-1.26378	0.668793	1.10151	1.10151	0.435198	1.19586	-1.19586		0.413305	1.19775	1.19775	0.885635	0.9688185	-1.03286	0.0595486	0.620184	-1.61242	0.27404	0.774371	-1.29137	1.43447	1.14665	0.710542	1
cg13590055	LOC100130522;LOC100130522;PARD6G		0.310982	0.462963	1.64101	1.64101	0.520576	1.53994	1.53994	0.53543	1.51602	1.51602	0.596625	1.42492	1.42492	0.232414	0.435949	-2.29385		0.690403	1.30399	1.30399	0.0613887	0.4041	0.4041	0.0511102	4.36114	4.36114	0.374421	1.83021	1.83021	1.43446	9.98544	6.18764	1
cg05900045	SPIRE2		0.310985	0.0954977	0.743968	-1.34414	0.524583	1.10975	1.10975	0.750145	0.949713	-1.05295	0.388605	1.15338	1.15338	0.112966	0.756841	-1.32128		0.640362	1.07895	1.07895	1.02097	1.31201	1.31201	0.647387	0.928326	-1.07721	0.847165	1.03165	1.03165	1.43446	0.592505	0.367157	1
cg01637548	UCKL1;MIR647		0.310987	0.856723	1.02965	1.02965	0.0464064	2.04044	2.04044	0.0308086	2.94289	2.94289	0.817653	0.906384	-1.10028	0.645224	0.820939	-1.21812		0.967495	0.982807	-1.01749	0.544161	1.30092	1.30092	0.888539	1.0615	1.0615	0.0605	1.0213	1.0213	1.43445	4.11505	2.54998	1
cg26806560	SIK1;SIKE1		0.310987	0.842683	1.02556	1.02556	0.842841	1.02553	1.02553	0.143295	1.22111	1.22111	0.49028	1.15008	1.15008	0.0662244	0.969271	-1.0317		0.1144843	0.804081	-1.24366	0.0847635	0.7849171	-1.27393	0.496558	0.916077	-1.09161	0.28093	0.807331	-1.15296	1.43445	0.366457	0.227083	1
cg14769962	ASAP2;ASAP2		0.310989	0.581807	0.646249	-1.54739	0.178904	0.313705	-3.18771	0.29959	0.423891	-2.3591	0.933992	1.06673	1.06673	0.0327839	0.114085	-8.7654		0.28344	0.410154	-2.43811	0.594167	0.6558	-1.52486	?	?	?	?	?	?	1.60679	11.0446	4.90979	1
cg16524488	SLC12A7		0.310993	0.101186	0.434906	-2.29903	0.0312074	1.91839	1.91839	-1.92002	0.0864551	0.415371	-2.40748	0.350171	0.640123	-1.56202	0.0970662	0.309026	-3.23556		0.141005	0.480686	-2.08036	0.138627	0.6318311	-1.5802	0.0977855	0.596006	-1.67784	0.173878	0.514706	-1.94286	1.43443	4.8887	3.02943	1
cg16136038	PBFP4OB		0.310993	0.655055	0.893781	-1.11884	?	?	?	?	?	?	?	?	?	?	?	?		0.873841	0.961095	-1.04048	0.0122215	0.458578	-2.18065	0.631119	1.12842	1.12842	0.972357	1.00869	1.00869	1.4342	1.25919	0.877975	1
cg03185513	CYYBB3		0.310996	0.587758	0.875567	-1.14232	0.138822	1.47138	1.47138	0.91346	0.522539	1.24217	0.175958	1.2217	1.2217	0.0667768	0.82423	-1.21354		0.2581572	0.477122	-2.09552	0.0225178	0.153465	1.53465	0.0111851	0.832215	-1.2312	0.199372	0.719882	-1.38912	1.43442	1.66725	0.838723	1
cg06049171	MIR548H4		0.31101	0.072838	0.241871	-4.13444	0.109538	0.290105	-3.44703	0.178011	0.362342	-2.75982	0.462393	0.588241	-1.69998	0.0380673	0.181692	5.50383		0.292926	0.461215	2.16818	0.643041	0.718181	-1.39241	0.497234	0.613328	-1.63045	0.309727	0.474455	-2.10768	1.43438	11.429	7.08258	1
cg26473110	DGKZ;DGKZ;DGKZ;DGKZ		0.31101	0.351878	0.705717	-1.417	0.292599	0.672184	-1.48769	0.102873	0.52247	-1.91399	0.27075	0.658917	-1.51764	0.257543	0.53703	1.53703		0.358117	1.41029	1.41029	0.722268	0.87924	-1.13864	0.22861	1.58354	1.58354	0.537463	1.25503	1.25503	1.43438	3.00669	1.86325	1
cg14350224	FLRT1;MARCO01		0.311011	0.388293	1.6444	1.6444	0.0900335	1.52636	1.52636	0.889236	1.68153	1.68153	0.347703	1.77262	1.77262	0.0179054	2.13643	2.13643		0.8501719	1.11223	1.11223	0.745084	0.9704354	1.03063	0.0178505	1.44705	1.44705	0.858957	1.10522	1.10522	1.43438	7.18727	4.45397	1
cg13504411	ADAR82		0.311014	0.138281	0.307685	-3.25008	0.0385477	0.170307	-5.87175	0.175279	0.34485	-2.89981	0.177896	0.347348	-2.87896	0.251438	0.41272	-2.42295		0.684643	0.739646	-1.352	0.1124453	0.2790958	-3.58348	0.594993	0.672806	-1.48631	0.222075	0.387579	-2.58012	1.43437	12.3929	7.67997	1
cg04755266	L128R1;L128R1		0.311015	0.528543	0.876577	-1.14068	0.6704387	1.089628	-1.11903	0.0027552	0.566473	-1.76533	0.574992	1.132208	1.132208	0.0564773	0.2902093	3.13218		0.878283	1.0383	1.0383	0.167662	0.7170356	-1.4066	0.618822	0.894675	-1.11785	0.43437	1.07039	0.6633353	1
cg06611751	LNP1;TOMM70A		0.311016	0.479685	1.252	1.2152	0.527309	1.00195	-1.11087	0.486769	1.12208	1.12208	0.19815	0.799893	-1.25017	0.304094	1.1926	1.1926		0.225073	0.81125	-1.23267	0.0390087	0.7703703	-1.41838	0.573134	0.09797	1.00797	0.647989	1.07838	1.07838	1.43436	0.61225	0.379417	1
cg22198425	TCEB3		0.311019	0.617041	0.871129	-1.14794	0.0766426	1.71414	1.71414	0.0415423	1.90243	1.90243	0.66788	1.12538	1.12538	0.243862	0.716286	-1.39609		0.905842	1.03291	1.03291	0.889789	1.03867	1.03867	0.929319	0.976014	-1.02458	0.838007	0.94552	-1.05762	1.43435	1.70125	1.05428	1
cg23248020	A4GALT		0.311028	0.473386	1.20588	1.20588	0.0205053	1.35416	1.35416	0.0138394	1.87541	1.87541	0.788698	0.920033	-1.08652	0.0178624	0.3833015	-2.6094		0.661704	1.12727	1.12727	0.507162	0.8478043	0.88903	-1.12482	0.997242	0.997242	0.168238	1.26893	1.26893	1.43432	1.68238	1.04262	1
cg15731816	YLPM1		0.311037	0.704816	0.938689	-1.06532	0.509659	1.11765	1.11765	1.117761	1.89674	1.89674	1.25979	1.25979	0.884617	0.976149	-1.02443	0.172208	0.785398	2.17259	0.306793	1.93211	0.119231	0.595076	0.914682	-1.09328	0.0119424	0.859128	1.24619	1.28419	1.4343	0.627809	0.389076	1
cg25169180	DAGLA		0.311043	0.386754	1.1197	1.1197	0.0134572	1.3096	1.3096	0.19443	1.47138	1.47138	0.913246	0.972357	-1.02796	0.0934154	0.6609209	-1.51297		0.208577	0.746853	-1.33911	0.0390153	0.4886195	0.863138	-1.15822	0.0829555	1.20556	0.82556	1.21556	0.0139372	1.43431	0.459211	0.297403	1
cg17015879	FAM83H		0.311043	0.612311	1.19717	1.19717	0.5770331	0.820035	-1.21946	0.610322	0.834448	-1.1984	0.200176	1.61048	1.61048	0.18706	1.6363	1.6363		0.10788	0.539136	-1.85482	0.540645	1.24373	1.24373	0.115037	1.82838	1.82838	0.456288	1.30627	1.30627	1.43428	2.81681	1.7457	1
cg01534242	FRAS1;FRAS1		0.311045	0.596936	0.775495	-1.2895	0.333032	0.621428	-1.6092	0.208367	1.88119	-1.88119	0.625774	0.829224	0.806402	0.897362	-1.11438	0.625774	0.791239	-1.26384	0.0180918	0.256482	-3.92646	0.824664	1.1115	1.1115	0.153019	0.850735	-1.17545	0.612897	0.784218	-1.27516	1.43428	5.15601	3.19542	1
cg10706649	POLA2		0.311049	0.633464	0.844	-1.1846	0.0604572	1.3096	1.3096	0.19443	0.244864	-4.08555	0.0139977	0.800838	-1.11008	0.0171886	0.739054	-1.35309		0.858172	1.11352	1.11352	0.451176	1.18784	1.18784	0.767283	0.956523	-1.04531	0.0608933	1.76765	1.76765	0.282221	1.74029	1.52282	1
cg10314752	PPP4R4;PPP4R4		0.311054	0.531748	0.910586	-1.09819	0.462347	1.11699	1.11699	0.898192	0.981240	-1.01911	0.576104	0.919868	-1.08711	0.19968	1.22184	1.22184		0.323187	0.859547	-1.1634	0.0795265	0.746915	-1.33348	0.406152	1.13391	1.13391	0.162356	1.2468	1.2468	1.43425	0.496714	0.307843	1
cg05996665	LPP		0.311055	0.525232	0.809205	-1.23545	0.165864	0.742463	-1.3469	0.0570264	0.82638	-1.2101	0.816779	0.850884	0.850884	0.0207954	0.167318	5.9838		0.701764	0.825361	-1.21159	0.0654574	0.356499	-2.80506	0.0447968	0.402645	-2.36203	0.147368	0.406045	-2.46301	1.43425	0.672179	0.424624	1
cg11772332	BRF1;BRF1		0.311059	0.398516	0.633044	-1.57967	0.42266	1.47163	1.47163	0.521329	0.709051	-1.41033	0.0243531	0.241875	-4.13436	0.0003385	0.1936908	-5.16483		0.0765147	0.352677	-2.83545	0.888555	0.928518	-1.07698	0.997586	0.998401	-1.0016	0.806556	0.878298	-1.13857	1.43424	4.3553	3.93878	1
cg06127174	SNORD115-35;SNORD115-35;SNORD115-35;SNORD115-32;SNORD115-32;SNORD115-32		0.311064	0.245567	0.188154	-5.3148	0.649641	0.53311	-1.87579	0.342859	0.260771	-3.83479	0.735674	1.59368	1.59368	0.0331681	0.032546	-30.7257		0.727376	0.617923	-1.61832	0.27737	0.2114437	-4.72953	0.256939	0.196437	-5.09069	0.0678664	0.060025	-16.6597	1.44422	42.9731	26.6335	1
cg27199172	PFKFB3		0.311078	0.629452	1.12552	1.12552	0.228584	0.735407	-1.35979	0.511868	1.15765	1.15765	0.485349	0.841613	-1.1882	0.327318	0.855759	-1.16855		0.342082	1.26881	1.26881	0.0537993	0.587115	-1.70324	0.194912	1.39579	1.39579	0.64339	1.12007	1.12007	1.43418	1.3436	0.832745	1
cg13674711	RNF115		0.311082	0.140001	0.335794	-2.97859	0.0437637	0.617417	-1.62031	0.171441	0.183872	-5.43914	0.0474714	0.371582	-2.69115	0.0115848	0.1475362	-6.77832		0.222118	1.48925	1.48925	0.0117613	1.70947	1.70947	0.0945351	1.81813	1.81813	0.0605134	1.70051	1.70051	1.43426	14.0417	7.76665	1
cg18795786	CNTN1;CNTN1		0.311083	0.612894	0.780201	-1.28172	0.361362	1.57848	1.57848	0.152925	2.10573	2.10573	0.524599	1.36845	1.36845	0.320275	0.606765	-1.64808		0.168387	0.489648	-2.04228	0.246428	0.554511	-1.80339	0.309969	0.599832	-1.66713	0.27514	1.73732	1.73732	1.43417	5.37569	3.33182	1
cg24974729	UNC93B1		0.311093	0.269427	0.61408	1.54908	0.632995	1.2013	1.2013	0.728152	0.837025	-1.19475	0.0854364	1.79539	1.79539	0.176134	1.491	1.491		0.748584	1.13017	1.13017	0.0854154	1.29457	1.29457	0.0544154	1.29457	1.29457	0.0544154	1.32822	1.32822	1.43417	2.29457	1.43414	1
cg00055236	TTYH3		0.311103	0.210228	-4.75679	0.864858	0.1	0.864858	0.1	0.864858	0.1	0.864858	0.1	0.864858	0.1	0.864858	0.1	0.864858		0.2668545	0.411825	-2.42822	0.0749976	0.2188577	-4.57504	0.130706	0.286113	-3.49512	0.259107	0.405395	-2.46673	1.43414	0.351358	0.27945	1
cg09491991	ISM1		0.311098	0.065098	2.75267	2.75267	0.963531	0.977894	-1.02261	0.227903	0.538592	-1.85669	0.0922179	2.47473	2.47473	0.246808	1.80776	1.80776		0.308555	1.67407	1.67407	0.983478	1.01018	1.01018	0.45524	1.4504	1.4504	0.809184	0.888448	-1.12556	1.43412	5.42921	3.36509	1
cg08498834	TREML4		0.311117	0.901465	0.975134	1.02565	0.858649	1.1004	1.1004	1.027264	1.04783	1.04783	1.04783	1.04783	1.04783	1.04783	1.04783	1.04783		0.41876	1.15755	1.15755	0.539788	0.7115583	1.14491	0.537984	0.7115583	1.14491	0.537984	0.7115583	1.14491	0.537984	1.43412	0.64151	0.45947	1
cg09558872	FBXL12		0.311121	0.0519256	0.471571	-2.12507	0.265854	0.148301	-1.48301	0.378108	0.735425	-1.35975	0.981719	1.00782	1.00782	0.191611	1.59978	1.59978		0.331705	1.40549	1.40549	0.35009	0.7221151	-1.38667	0.901098	0.958623	-1.04316	0.89321	1.04671	1.04671	1.43406	2.62373	1.6263	1
cg19458231	LNP1		0.311122	0.824727	0.924727	-1.0814	0.845389	0.918348	-1.08911	0.737131	0.595925	1.67586	1.67586	0.446978	0.444083	-2.25183	0.2606538	1.51279	-1.51279		0.880862	1.04153	1.04153	0.463703	1.30101	1.30101	0.788888	0.909662	-1.09931	0.259434	0.609292	-1.51448	1.43405	2.62711	1.75237	1
cg05320424	FAM110B		0.311122	0.0292151	0.3259	3.06827	0.493447	1.50781	1.50781	0.739187	0.737274	1.21774	0.849153	0.893659	-1.11899	0.930479	0.864783	-1.05287		0.395115	0.597946	-1.67239	0.2405923	0.484088	-2.06574	0.989532	0.992084	-1.00778	0.672626	1.28525	1.28525	1.43405	7.91844	4.94819	1
cg26811252	RBN3P2		0.311128	0.424735	1.39369	1.39369	0.0298148	2.83212	2.83212	0.374346	1.8011	1.8011	0.994301	0.997096	-1.00291	0.589339	1.24947	1.24947		0.5506558	0.782025	-1.27873	0.619828	0.815317	-1.22652	0.132869	1.93537	1.93537	0.994663	1.00273	1.00273	1.43404	3.76611	2.13442	1
cg19709635	DTNBP1;DTNBP1;DTNBP1		0.311137	0.442996	0.838134	-1.19257	0.104572	1.3096	1.3096	0.19443	0.144992	-6.89292	0.0222299	0.781827	-1.27939	0.0149141	0.6757251	-1.47936		0.632942	1.11392	1.11392	0.451176	1.18784	1.18784	0.767283	0.956523	-1.04531	0.608933	1.76765	1.76765	0.282221	0.874311	0.143459	0.707813	1
cg11738895	SAMD12;SAMD12		0.311114	0.477511	0.881593	-1.13431	0.648552	0.08337	-1.08337	0.100607	1.36867	1.36867	0.587132	0.908762	-1.1004	0.227349	1.24751	1.24751		0.750469	1.05725	1.05725	0.378216	0.854049	-1.17089	0.293635	0.826883	-1.20936	0.10004	1.36953	1.36953	1.434	0.69157	0.428681	1
cg27413612	ATXN7;ATXN7		0.311145	0.873078	1.10825	1.10825	0.28485	2.04259	2.04259	0.153234	1.49431	1.49431	0.795675	1.18156	1.18156	0.0207954	0.167318	5.9838		0.701764	0.825361	-1.21159	0.0654574	0.356499	-2.80506	0.0447968	0.402645	-2.36203	0.147368	0.406045	-2.46301	1.43404	0.672179	0.424624	1
cg08343728	ANTXR2		0.311151	0.512511	1.15845	1.15845	0.417077	0.832229	-1.20159	0.903589	0.973521	-1.0272	0.124161	1.44582	1.44582	0.521468	1.25449	1.25449		0.0448297	1.66519	1.66519	0.102146	1.48608	1.48608	0.701869	1.0289	1.0289	0.493596	1.16644	1.16644	1.43397	1.11364	0.69032	1
cg14831746	MCRS1;MCRS1		0.311153	0.800433	1.07191	1.07191	0.78669	1.07719	1.07719	0.396109	0.788021	-1.269	0.0464393	0.535108	-1.86878	0.118047	1.59242	1.59242		0.192928	0.685417	-1.45897	0.903699	1.03374	1.03374	0.959422	1.01405	1.01405	0.504423	0.830523	-1.20406	1.43396	1.70673	1.05797	1
cg07025432	FEAR1		0.311153	0.192023	0.777443	1.28625	-1.29122	0.374325	1.04284	0.154228	0.374325	-2.67	0.184934	0.299061	1.91936	-1.21222	0.0903204	0.449149	-2.22645	0.402527	1.17184	1.17184	0.1452759	0.54063	1.84907	0.875508	0.954412	1.04757	1.04757	0.0731429	0.882351	0.455482	1
cg18037808	CDRO1C		0.311156	0.533271	0.741501	-1.34862	0.887586	0.1705	0.1705	0.32368	0.616584	-1.62184	0.39702	0.662944	-1.50841	0.940201	1.0362	1.0362		0.995334	0.997232	-1.00278	0.0191723	0.83155	0.83155	0.421092	1.47632	1.47632	0.694876	1.20544	1.20544	1.43396	5.10187	3.16258	1
cg00004257	CSMD2		0.311156	0.0204227	0.4106	2.43554	0.0496505	0.451478	-2.21503	0.0185439	0.185478	-5.39245	0.0122628	0.315593	0.789424	-1.27972	0.657072	0.840238	-1.19008	0.0993328	0.990598	1.0958	0.113283	0.560795	1.78318	0.642888	0.843	1.18636	1.18636	1.43394	0.790348	0.556225	1
cg24425626	OMG;NF1;NF1		0.311164	0.0151378	0.331576	-3.0159	0.487751	0.770463	-1.29792	0.568878	0.808169	-1.23736	0.63825	0.83932	-1.19144	0.346878	0.69887	-1.43088		0.95058	1.02319	1.02319	0.12667	0.542743	-1.84249	0.253312	0.643198	-1.55473	0.421727	0.73817	-1.3547	1.43393	1.01725	1.92617	1
cg23346960	ZFP36		0.311166	0.308903	1.29008	1.29008	0.834758	0.950732	-1.05182	0.638674	1.12219	1.12219	0.0718354	0.615028	-1.62594	0.579629	0.837428	-1.14491		0.210873	0.726983	-1.37555	0.0933387	0.604422	-1.65147	0.294501	0.768764	-1.30079	0.268835	0.756887	-1.3212	1.43393	1.32854	0.823558	1
cg00696323	TGIF1		0.311167	0.479886	1.34937	1.34937	0.0146472	1.3096	1.3096	0.19443	1.24592	1.24592	0.123263	0.842965	-1.18657	0.0167	0.6757251	-1.47936		0.0964512	1.01092	1.01092	0.942705	1.24992	1.24992	0.707202	1.16043	1.16043	0.42993	1.75827	1.75827	1.43388	4.70018	2.97208	1
cg26395761	LAMB4		0.311168	0.788177	0.895539	-1.11665	0.460667	1.36032	1.36032	0.481494	0.745925	-1.34061	0.577531	1.25926	1.25926	0.0304496	0.352729	-2.83503		0.990322	0.995043	-1.00498	0.115986	0.21357	0.21357	0.902374	1.05156	1.05156	0.796948	1.899753	-1.11142	1.43392	3.81184	2.36296	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	Fold-Change(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	F(Error
cg10609163	WBP4	0.311468	0.68808	0.928139	-1.08244	0.475116	1.15462	1.15462	0.246152	0.78814	-1.26881	0.247977	0.788929	-1.26754	0.147473	0.73703	-1.3568	0.488522	0.870987	-1.14812	0.031424	0.633936	-1.62884	0.587476	0.887427	-1.12685	0.534153	1.113155	1.113155	1.43308	0.87453	0.542442	1
cg04182805	COL11A2,COL11A2,COL11A2,COL11A2	0.311459	0.706071	0.901696	-1.50914	0.0846588	1.6844	1.6844	0.0480218	0.539055	-1.8551	0.417509	1.25424	1.25424	0.50728	0.968646	-1.03237	0.483976	0.805487	-1.24549	0.678631	1.12033	1.12033	0.44981	0.809807	-1.23486	0.90447	0.907706	-1.03337	1.43307	1.69663	1.05226	1
cg05658182	GPR78;GPR78	0.311465	0.0967354	0.702695	-1.26152	0.748579	0.959854	-1.04183	0.193827	0.895744	-1.51639	0.577075	0.47442	1.07442	0.139389	0.816538	-1.22468	0.488655	0.914266	-1.09377	0.438574	0.904231	-1.10591	0.986061	1.11987	1.11987	0.0596426	0.762747	-1.31105	1.43307	0.368484	0.228559	1
cg05288673	KCNA10 NUDT22;TRPT1;TRPT1-TRPT1;NUDT22; TRPT1;TRPT1;NUDT22;TRPT1;TRPT1;TR	0.311461	0.849769	0.15019	1.05019	0.0985666	1.59649	1.59649	?	?	0.530157	1.17849	1.17849	0.844397	0.950518	-1.05206		0.0724125	1.6782	1.6782	0.626722	1.13493	1.13493	0.0549387	1.75435	1.75435	0.899759	1.03308	1.03308	1.4328	1.34527	0.938009	1
cg01939056	PTI;TRPT1;TRPT1;TRPT1	0.311464	0.563614	1.11667	1.11667	0.758091	0.943279	-1.06013	0.439616	1.16066	1.16066	0.114484	0.722903	-1.38331	0.649163	0.917071	-1.09043		0.0648996	0.675819	-1.47969	0.390132	1.18111	1.18111	0.747135	1.06306	1.06306	0.235853	1.26466	1.26466	1.44306	0.810892	0.502975	1
cg08014106	FBLN2;FBLN2;FBLN2	0.311464	0.158327	0.72122	-1.38654	0.520466	1.15161	1.15161	0.176054	0.732175	-1.36579	0.942424	0.984469	-1.01578	0.806791	0.948286	-1.05453		0.404338	0.831181	-1.20311	0.0681221	1.55691	1.55691	0.780371	0.941223	-1.06245	0.231113	0.761695	-1.31286	1.43306	1.06584	0.661112	1
cg18275445	C14orf43	0.311467	0.258882	1.37649	1.37649	0.382618	0.784364	-1.27492	0.615971	0.871812	-1.14704	0.0406247	1.89891	1.89891	0.432572	0.804722	-1.24267	0.212371	1.42806	1.42806	0.76398	0.921561	-1.08512	0.347886	1.29976	1.29976	0.577737	1.1648	1.1648	1.43305	1.67012	1.03594	1
cg09962198	SCAMP2 EID3;TXNRD1;TXNRD1;TXNRD1;EID3;TX	0.311469	0.294817	1.2494	1.2494	0.737307	1.14541	1.14541	0.384154	0.82097	1.20197	1.20197	1.81487	1.81487	0.0484003	1.58387	1.58387	0.30067	1.60202	1.60202	0.448092	1.24506	1.24506	0.402665	1.07265	1.07265	0.98384	1.00833	1.00833	1.43304	0.9532	0.591251	1
cg05057777	NRD1;TXNRD1 BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.311471	0.168091	5.88499	5.88499	0.719889	0.650177	-1.53804	0.459447	0.405599	-2.46549	0.268527	3.99688	3.99688	0.175518	0.175959	-5.68315	0.510788	0.449929	-2.22257	0.842612	0.78855	-1.26815	0.115521	7.93153	7.93153	0.260944	4.09533	4.09533	1.47395	32.6211	17.2136	1
cg13138137	4	0.311473	0.183509	0.588415	-1.69948	0.11098	1.92047	1.92047	0.225576	0.6133	1.6133	0.739071	1.13386	1.13386	0.210364	0.608933	-1.64222	0.708234	0.868246	-1.15175	0.190532	0.559952	-1.68364	0.957436	0.980142	-1.02026	0.543644	1.25988	1.25988	1.43303	3.20551	1.98833	1
cg04377840	HBA2	0.311474	0.185633	0.562911	-1.77642	0.411276	0.708951	-1.41053	0.0721805	0.479744	-2.08409	0.143209	1.43209	1.43209	0.470244	0.740268	-1.35086	0.15308	0.517103	-1.93385	0.286744	1.57285	1.57285	0.568112	0.789614	-1.26644	0.18436	0.604087	-1.44074	1.43303	3.80413	2.35965	1
cg00370414	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.311477	0.0516198	0.405609	-2.46543	0.538092	1.29742	1.29742	0.332733	1.50233	1.50233	0.804995	0.904149	-1.10601	0.214031	1.70388	1.70388	0.931415	0.965544	-1.03569	0.213301	1.60464	1.60464	0.305761	0.649238	-1.54027	0.825354	1.0942	1.0942	1.43302	3.76582	2.3359	1
cg21893387	SDK1	0.311479	0.127732	2.10715	2.10715	0.088531	2.34686	2.34686	0.50968	1.35352	1.35352	0.36452	1.52459	1.52459	0.0612133	2.59787	2.59787	0.524775	1.33871	1.33871	0.0868201	2.35367	2.35367	0.198845	1.84874	1.84874	0.22956	1.76934	1.76934	1.43301	4.6491	2.88381	1
cg01573089	DIP2C,C10orf108;C10orf108	0.31148	0.271008	0.632621	-1.58072	0.396146	0.706671	-1.41509	0.807634	1.10237	1.10237	0.440594	1.36921	1.36921	0.326955	0.667416	-1.49832	0.899319	0.950683	-1.05188	0.121283	0.511087	-1.95661	0.0509253	0.411283	-2.43142	0.38007	1.43299	1.43299	1.43301	3.62318	2.24743	1
cg03184450	TMEM508	0.311482	0.406663	1.13864	1.13864	0.683943	1.07933	1.07933	0.253454	1.23845	1.23845	0.187289	1.16606	1.16606	0.0190605	0.982934	-1.01778	0.0834576	0.717366	-1.39399	0.253349	0.813247	-1.22964	0.177242	1.28226	1.28226	0.302569	1.20339	1.20339	1.43299	0.682214	0.423119	1
cg07847733	SLAIN1	0.311488	0.0134749	0.353826	-2.82625	0.972739	1.01167	1.01167	0.524756	1.24472	1.24472	0.91432	0.962456	-1.03901	0.0868109	0.921802	-1.08483	0.815151	1.08279	1.08279	0.436156	0.730973	1.36973	0.576254	0.8255	-1.21139	0.46179	0.775349	-1.28974	1.43299	2.61805	1.62399	1
cg17795059	FAM118A;FAM118A	0.311495	0.219221	2.05564	2.05564	0.315591	1.44562	1.44562	0.254754	1.35246	1.35246	0.350753	1.46405	1.46405	0.47234	1.07175	1.07175	1.35246	1.35246	0.392973	0.81983	-1.2042	0.0729553	1.03802	1.03802	1.03802	1.03802	1.03802	1.03802	1.43298	0.772705	0.437872	1
cg02271343	ARAP1	0.311497	0.512623	0.836971	-1.19479	0.070211	0.581332	-1.72019	0.737789	0.913888	-1.09423	0.579404	0.860671	-1.16188	0.461711	1.22239	1.22239	0.332414	1.30732	1.30732	0.275122	1.35567	1.35567	0.683552	0.895982	-1.11609	0.0933465	0.60978	-1.63994	1.43296	1.63006	1.01115	1
cg05570682	RBKB	0.311498	0.493176	0.687624	-1.45386	0.0390105	3.61375	1.61375	0.183666	2.13507	2.13507	0.263945	0.53427	-1.87171	0.378035	0.614863	-1.62638	0.558237	0.727128	-1.37489	0.845143	1.11088	1.11088	0.813662	0.880763	-1.13538	0.75228	0.843437	-1.18562	1.43296	6.56222	4.07066	1
cg01274455	PTPN12;PTPN12;PTPN12	0.311503	0.489333	0.81612	-1.2251	0.0926251	0.717104	-1.39494	0.162002	0.820026	-1.44979	0.378505	0.414266	-2.38968	0.261472	0.697223	-1.43396	0.601628	0.604937	-1.65305	?	?	?	0.0522747	0.121673	-8.21876	0.22021	0.562287	-1.4213	1.43268	18.3655	12.819	1
cg04697946	COLEC11;COLEC11	0.311506	0.236289	0.257902	-3.87745	0.258806	0.276296	-3.61931	0.845305	0.8079	-1.23778	0.493521	0.467971	-2.13688	0.149909	0.185318	-5.39613	0.132147	0.16956	-5.89763	0.051891	0.0893167	-11.1961	0.0846528	0.124606	-8.0253	0.199327	0.227435	-4.39686	1.43294	27.0634	16.7882	1
cg20090290	AMBRA1	0.311525	0.990185	1.00741	1.00741	0.0304014	4.59798	-4.59798	0.258685	2.02765	2.02765	0.9715	1.02166	1.02166	0.773707	1.18077	1.18077	0.493162	1.51808	1.51808	0.0619823	1.56226	1.56226	0.260977	2.00931	2.00931	0.260107	2.02302	2.02302	1.43288	8.16475	5.06701	1
cg22053560	CCDC129	0.31153	0.503758	0.749124	-1.33489	0.458769	0.725302	-1.37874	0.0544506	0.394175	-2.53694	0.333925	0.654241	-1.52849	0.428584	0.708891	-1.41065	0.637971	1.81728	-1.22357	0.0906254	2.21155	2.21155	0.46952	0.745336	-1.34168	0.615272	1.24076	1.24076	1.43287	4.11305	2.55156	1
cg07174182	FAF1	0.31531	0.251804	0.382087	-2.6172	0.0314913	0.111705	-7.59271	0.103837	0.239473	-4.17584	0.846268	1.16882	1.16882	0.370486	0.477565	-2.09396	0.284518	0.409249	-2.4435	0.19194	0.329537	-3.03456	0.293079	0.416226	-2.40254	0.951188	1.05043	1.05043	1.43286	1.45561	0.99104	1
cg07102368	C15orf27	0.312082	0.592802	0.801512	-1.2451	0.247997	1.31777	1.31778	0.25856	1.16418	1.16418	0.426504	1.7109661	1.7109661	0.0181882	1.16284	1.16284	0.290513	1.06294	0.986531	0.899167	-1.00688	0.69714	1.57218	1.57218	0.14285	1.44642	1.44642	1.43284	2.32277	1.60727	1
cg18496053	SOX3	0.311538	0.085695	0.328303	-4.38034	0.382178	2.0104	2.0104	0.915639	1.08589	1.08589	0.141845	3.41516	3.41516	0.394011	0.238837	2.28837	0.519897	0.602136	-1.66075	?	?	?	0.239453	2.60633	2.60633	0.742166	2.2926	2.2926	1.43257	12.196	8.51338	1
cg18715709	UPH	0.312453	0.0454233	0.299525	-3.34195	0.0962697	0.0962697	0.0962697	0.0135794	1.18702	1.18702	0.0127494	2.1221568	2.1221568	0.0178517	1.301833	1.301833	0.0480868	0.642837	-1.55667	0.54889	1.24992	1.24992	0.309973	0.517254	-1.93332	0.962287	0.973228	1.02755	1.02755	1.43699	0.0001	0.0001	1
cg01808862	IL13RA1	0.311542	0.157768	0.288401	-3.4674	0.149823	0.280533	-3.56464	0.982391	1.01833	1.01833	0.0801209	4.94478	4.94478	0.99284	1.00741	1.00741	0.144045	0.274713	-3.64017	0.848059	1.17105	1.17105	0.667212	1.42776	1.42776	0.97375	1.02746	1.02746	1.43283	15.3789	9.54064	1
cg00459043	PSMD11	0.311545	0.612893	0.935788	-1.06862	0.448677	1.10565	1.10565	0.931167	1.01131	1.01131	0.829024	0.97226	-1.02853	0.18342	1.20152	1.20152	0.832923	1.02786	1.02786	0.0288514	0.715171	-1.39827	0.284492	0.86535	-1.1556	0.505889	0.915941	-1.09177	1.43282	0.383971	0.238206	1
cg05977922	CCDC59;CCDC59;C12orf26	0.311549	0.618616	1.1491	1.1491	0.0926251	1.1491	1.1491	0.693184	0.896647	-1.11527	0.396554	0.867727	-1.20121	0.953626	0.804202	-1.01605	0.667803	1.12549	1.12549	0.513444	0.430866	-2.32091	0.0650559	1.15355	1.15355	0.569558	1.17171	1.17171	1.43281	1.70134	1.00548	1
cg08580056	DIAPH3;DIAPH3	0.311552	0.689676	0.881781	-1.13407	0.0305775	0.450921	-2.21768	0.756193	0.960988	-1.10255	0.751987	0.9054	-1.10448	0.262389	1.44239	1.44239	0.820105	1.07401	1.07401	0.263692	1.44083	1.44083	0.867772	0.94011	-1.05362	0.225789	0.671176	-1.48992	1.4328	2.22967	1.38325	1
cg12113103	IQSEC3	0.311555	0.104117	0.455801	-2.19475	0.0509097	0.650221	1.87098	-1.26952	0.383853	1.87098	0.0179107	1.59637	1.59637	0.916464	0.958034	-1.04356	0.203804	0.495642	-2.01759	0.0649433	0.338365	-2.95539	0.0670779	0.3924	-2.54806	0.0215192	0.487427	-2.0509	1.43279	0.82611	0.484799	1
cg01163693	RPN1	0.311564	0.753077	1.1576	1.1576	0.570468	1.30459	1.30459	0.617099	0.791827	-1.2629	0.735925	0.854732	-1.16996	0.941142	0.966337	-1.03484	0.294232	0.603811	-1.65615	0.741201	0.843188	-1.18598	0.42754	0.680844	-1.45593	0.0121943	0.234952	-4.25619	1.43277	4.87977	3.02741	1
cg16294838	DOCK2	0.311566	0.22535	0.678794	-1.4732	0.804999	1.07817	1.07817	0.700933	1.12459	1.12459	0.262253	0.7007	-1.42714	0.0752957	0.547405	-1.8268	0.221187	0.676182	-1.47889	0.0785827	0.55187	-1.81202	0.980861	0.992728	-1.00733	0.14627	0.62218	-1.60725	1.43276	2.1008	1.30334	1
cg02076513	ACTA1	0.311568	0.0949163	0.25127	-3.97889	0.2527	0.491221	2.03592	-2.03592	0.262253	2.03592	0.0180253	2.18712	2.18712	0.0178504	1.18004	1.18004	0.0538911	0.633629	-1.57821	0.18777	1.23777	1.23777	0.0893201	1.63963	1.63963	0.0178504	1.36052	1.36052	1.43276	3.30105	1.86186	1
cg00328240	C6orf57	0.311572	0.997252	0.958161	-1.00184	0.968895	0.97937	-1.02106	0.154748	2.25732	2.25732	0.248676	1.90527	1.90527	0.648962	0.782706	-1.27762	0.499034	0.692906	-1.4432	0.12132	0.407396	-2.45461	0.804706	1.11356	1.11356	0.0788103	2.839	2.839	1.43274	6.48494	4.02333	1
cg25270574	SSH1;SSH1;SSH1	0.311573	0.433443	1.14999	1.14999	0.2871	1.2179	1.2179	0.511997	0.60971	-1.64071	0.0844506	0.0997727	-2.00121	0.953626	0.804202	-1.01605	0.596004	1.48704	1.48704	0.188857	1.52372	1.52372	0.454702	1.04282	1.04282	0.41377	1.29586	1.29586	1.43274	2.68776	1.87495	1
cg04662184	KCTD5	0.311574	0.522067	0.841983	-1.18767	0.0568882	0.564833	-1.77044	0.621846	0.876524	-1.14087	0.527256	1.18507	1.18507	0.0254728	0.494689	-2.02147	0.862478	0.955081	-1.04703	0.567895	0.858104	-1.16536	0.654334	0.887392	-1.1269	0.527787	0.844024	-1.1848	1.43274	1.59448	0.989236	1
cg16495339	ARID1B;ARID1B;ARID1B	0.311579	0.34281	0.574229	-2.65584	0.256547	0.266	3.266	0.350558	2.63156	2.63156	0.306096	2.87953	2.87953	0.0147242	1.11038	1.11038	0.0963141	0.772707	-1.29455	0.565376	-1.76873	0.992035	1.01231	1.01231	0.970302	1.03146	1.03146	0.780753	0.422237	1.43273	0.422237	0.422237	1.43273	0.422237	0.422237	1.43273	0.422237

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00131557	DNAJC15	0.311945	0.380902	1.32614	1.32614	1.08161694	0.515802	-1.93873	0.407387	1.30465	1.30465	0.964153	1.01042	1.01042	0.754035	1.10366	1.10366	0.365342	0.746779	-1.33908	0.153051	0.61502	1.61502	0.223999	0.669756	-1.49308	0.947681	1.02081	1.02081	1.43166	2.23257	1.38616	1
cg25923018	TMEM20E	0.311948	0.561003	0.8866066	-1.12858	0.03345532	1.667511	1.667511	0.733602	1.07283	1.07283	0.874607	0.95029	-1.05231	0.518815	1.14407	1.14407	0.770599	0.941607	-1.06201	0.2109401	0.762438	-1.31158	0.895307	0.973271	-1.02746	0.160433	1.36147	1.36147	1.65165	0.960142	0.596136	1
cg10365549	GPR137;GPR137;GPR137;GPR137	0.31195	0.805405	1.05089	1.05089	0.5906597	0.896564	-1.11537	0.691967	0.923042	-1.08337	0.937315	0.01594	1.01594	0.0122833	0.53411	-1.87227	0.800758	1.05217	1.05217	0.575263	1.12058	1.12058	0.519063	1.14048	1.14048	0.610595	0.901877	-1.1088	1.43164	0.916965	0.569331	1
cg19275999	UBD	0.311959	0.382535	1.19365	1.19365	0.260534	0.792960	-1.26102	0.143149	0.732680	-1.36484	0.953031	0.11771	0.114329	0.847939	-1.17933	0.847939	0.604691	1.09133	1.09133	0.0473174	1.56607	1.56607	0.759668	1.06253	1.06253	0.718595	1.07415	1.07415	1.43162	0.885934	0.550074	1
cg15582311	SFPQ	0.311966	0.370339	0.80794	-1.23488	0.794049	1.06184	1.06184	0.930475	0.980186	-1.02021	0.202607	0.734549	-1.36138	0.704074	0.916204	-1.09146	0.0550018	0.607134	-1.64708	0.754456	0.930856	-1.07428	0.80363	1.0588	1.0588	0.0872603	1.54189	1.54189	1.4316	1.19252	0.740443	1
cg03855388	CPT1A;CPT1A	0.311967	0.601655	1.43331	1.43331	0.208863	2.47302	2.47302	0.132136	0.829237	1.63649	0.714996	1.28487	0.0585971	0.232174	-4.30712	0.700981	1.30175	1.30175	0.913328	0.928286	-1.07725	0.567486	1.48438	1.48438	1.48438	0.325149	2.00257	2.00257	1.44159	10.5918	6.5765	1
cg10273217	C11orf63;C11orf63 SGOL1;SGOL1;SGOL1;SGOL1;SGOL1;SG	0.311978	0.737043	0.919319	-1.08776	0.0879797	1.60004	1.60004	0.606133	1.13864	1.13864	0.202472	0.714694	-1.3992	0.575416	1.15172	1.15172	0.836284	0.949658	-1.05301	0.0424009	1.79227	1.79227	0.855627	1.04651	1.04651	0.652496	1.1198	1.1198	1.44156	1.4128	0.877242	1
cg12930260	OL1	0.311983	0.29882	0.734148	-1.36212	0.791586	1.07897	1.07897	0.343453	1.32324	1.32324	0.643904	0.874953	-1.14292	0.083337	0.573091	-1.74492	0.6643	1.1335	1.1335	0.712921	0.899375	-1.11188	0.0765908	1.75994	1.75994	0.470234	1.23469	1.23469	1.44155	1.8673	1.15946	1
cg00286512	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.311983	0.182868	0.576834	-1.7336	0.175701	0.570935	-1.75151	0.361712	0.694225	-1.44045	0.960343	0.01954	1.01954	0.0185923	0.329303	-3.03671	0.80276	1.10232	1.10232	0.460934	0.746625	-1.33936	0.339658	0.681759	-1.46579	0.497759	0.764948	-1.30728	1.43155	3.43546	2.13317	1
cg18183701	MYBPH	0.311987	0.130491	0.719483	-1.38989	0.6157	0.903005	-1.10741	0.568094	0.890193	-1.12335	0.210039	0.30512	1.30512	0.146967	0.730683	-1.36858	0.44833	1.16856	1.16856	0.92518	1.01912	1.01912	0.0797424	0.675704	-1.47994	0.969753	0.992385	-1.00767	1.43154	0.921399	0.572128	1
cg04025901	FASTK;TMUB1;TMUB1;FASTK	0.311989	0.667774	0.839155	-1.21455	0.408933	1.46257	1.46257	0.444964	1.55965	1.55965	0.0121552	0.10895	0.108076	0.544047	-1.83808	0.544047	0.969689	1.03725	1.03725	0.0979602	0.337517	-2.96281	0.164241	0.512678	-1.95054	0.810246	1.11443	1.11443	1.44153	4.59446	2.85386	1
cg17560009	PLEKHG4B	0.311989	0.75842	0.932087	-1.07286	0.89018	1.032	1.032	0.143523	0.698837	-1.43095	0.365624	0.809036	-1.23604	0.484579	0.850502	-1.17578	0.115389	1.4773	1.4773	0.0862008	1.54062	1.54062	0.755735	1.19133	1.07373	0.562035	0.874896	-1.14299	1.43153	1.17835	0.731678	1
cg09965419	DDR1;DDR1	0.311995	0.895892	1.04372	1.04372	0.0522209	0.485915	-2.05797	0.424157	0.76582	-1.30579	0.21915	1.52563	1.52563	0.0133303	0.854613	-1.17012	0.207265	0.647455	1.54451	0.269249	0.707887	-1.42477	0.911749	0.964409	-1.0369	0.296956	1.42398	1.42398	1.43151	2.42235	1.50414	1
cg03564865	FSTL4	0.312001	0.308159	1.26001	1.26001	0.551245	1.1422	1.1422	0.578395	0.842664	1.18469	0.214654	0.753368	-1.32737	0.489851	0.857532	-1.16614	0.130754	0.697355	1.43356	0.0197474	1.12387	1.12387	0.661344	0.630093	-1.58707	0.333751	0.803767	-1.24414	1.4315	1.08843	0.673864	1
cg02923972	BTBD19	0.312002	0.0854142	0.434936	-2.29919	0.270427	1.65272	1.65272	0.567386	0.776388	-1.28801	0.318025	0.636423	-1.57128	0.331229	0.644717	-1.55107	0.975692	0.986748	-1.01343	0.127704	0.486217	-2.05669	0.298563	1.60282	1.60282	0.316747	0.635612	-1.57329	0.14349	4.34626	2.69882	1
cg13493526	C14orf4	0.312009	0.896153	0.947827	-1.05505	0.36982	0.647389	-1.54346	0.345461	1.48877	1.48877	0.246369	0.64491	1.64491	0.214192	1.71003	1.71003	0.111405	2.03678	2.03678	0.0542432	0.833144	-1.20016	0.803859	0.576407	-1.73471	0.28257	1.58104	1.58104	1.43147	3.81571	2.1694	1
cg22334618	ZNF587	0.31201	0.346572	-2.0697	-2.0697	0.162823	1.33527	1.33527	0.437643	1.16609	1.16609	0.132612	0.729527	-1.37075	0.491954	1.14965	1.14965	0.120253	0.721022	-1.38692	0.799487	1.05064	1.05064	0.650145	1.09266	1.09266	0.353571	1.20151	1.20151	1.43147	0.885803	0.530245	1
cg12733907	APYL1	0.312017	0.466825	1.12366	1.12366	0.563566	1.0963	1.0963	0.317665	0.849896	-1.17661	0.844635	0.969579	-1.03138	0.0951969	1.33467	1.33467	0.299812	1.18435	1.18435	0.0724721	0.729363	-1.37106	0.472655	1.12189	1.12189	0.989162	1.00214	1.00214	1.43145	0.56209	0.349042	1
cg06852159	RPLP0;RPL90;RPLP0;RPLPC	0.312028	0.912388	0.973154	-1.02684	0.2938525	1.3255	1.3255	0.0824224	1.37493	1.37493	0.172423	1.26271	1.26271	0.753779	1.00985	1.00985	0.129995	1.15689	1.15689	0.0928974	0.774559	-1.29104	0.24945	1.13982	1.13982	0.739742	1.04682	1.04682	1.43127	1.68777	1.18477	0.91344	1
cg23260190	DHTD27;ENTPD7	0.31203	0.145936	0.663037	-1.50821	0.432643	0.809941	-1.23466	0.664288	0.579046	-1.72698	0.600152	1.14939	1.14939	0.67263	0.895346	-1.11689	0.510756	0.838953	-1.19196	0.218743	0.711408	-1.40566	0.23803	1.38451	1.38451	0.501498	1.19671	1.19671	1.43141	1.57093	0.975527	1
cg20445139	TMTS24	0.312031	0.746976	0.839427	-1.19146	0.439722	1.61596	1.61596	0.53128	0.844054	-1.18408	0.243162	0.61895	1.61895	0.181076	1.64247	1.64247	0.307086	1.24097	1.24097	0.0207865	0.905813	0.962508	-1.03881	0.417049	1.39528	-1.05205	0.186439	0.529551	1.88839	0.83141	0.416619	2.58716	1
cg05039583	MAN2C1	0.312032	0.145785	1.81412	1.81412	0.650723	2.18985	1.18985	0.224856	1.62611	1.62611	0.72934	0.87593	-1.14164	0.522383	1.28051	1.28051	0.352387	1.694218	1.44047	0.165277	0.568673	-1.75848	0.792746	0.904452	-1.10564	0.0972381	2.00193	2.00193	1.43141	3.29737	2.04763	1
cg15815948	FAT1	0.312038	0.989096	0.995663	-1.00436	0.129162	1.68455	1.68455	0.3458	1.3618	1.3618	0.503562	1.24097	1.24097	0.276405	0.697621	-1.43344	0.087224	1.82319	1.82319	0.0932169	1.799115	1.799115	0.239974	1.47893	1.47893	0.652865	1.15489	1.15489	1.43139	2.29322	1.42408	1
cg20224885	KBTBD12	0.312038	0.304897	1.05483	1.05483	0.0521732	1.58357	1.58357	0.0442335	1.61702	1.61702	0.0422403	1.08217	1.08217	0.0552564	1.54404	1.54404	0.964272	0.979736	-1.02487	0.313287	1.562	1.562	0.660744	1.07115	1.07115	0.490703	0.681215	1.43677	1.43139	6.81688	4.23326	1
cg06155341	CNIH2	0.31205	0.0621521	0.460462	-2.17173	0.7228156	1.14055	1.14055	0.785011	0.903945	-1.10626	0.786047	0.904398	-1.10571	0.108619	0.523969	-1.90851	0.458485	0.756697	-1.32153	0.0667334	0.46805	-2.13652	0.557144	1.24519	1.24519	0.365519	0.709375	-1.40969	1.43135	3.09198	1.92016	1
cg00746070	CLASP1;CLASP1;CLASP1;RNU4ATAC	0.312053	0.4709357	1.185817	1.185817	0.946834	1.0025	1.0025	0.0035	1.93851	1.93851	?	0.348729	0.348729	2.273597	2.273597	?	0.405802	0.486137	-2.05703	?	0.0477	0.0477	0.0477	0.0477	0.0477	0.0477	0.0477	1.43153	0.154564	2.28444	14.51569	1.60246	12.6438	5.63989	1
cg22960971	PCNA;PCNA	0.312065	0.125501	0.589106	-1.69749	0.28385	0.700948	-1.42664	0.370041	0.745444	-1.34148	0.973	0.9892527	-1.01086	0.149776	0.6109088	1.636991	0.418203	0.767792	-1.30273	0.0220746	0.411262	-2.43154	0.394377	0.750993	-1.32102	0.409613	0.764049	-1.30882	1.43131	2.30873	1.43379	1
cg10759361	RPS6KA5;RPS6KA5	0.312069	0.116009	1.4824	1.4824	0.73472	1.08153	1.08153	0.602686	1.12865	1.12865	0.964107	0.989684	-1.01042	0.249551	1.31959	1.31959	0.215466	1.35046	1.35046	0.37306	0.809994	-1.23458	0.0393428	1.73216	1.73216	0.316897	1.26926	1.26926	1.4313	1.20383	0.747619	1
cg23588165	SART1	0.312069	0.170023	1.32483	1.32483	0.3825	1.32825	1.32825	0.0824224	1.37493	1.37493	0.172423	1.26271	1.26271	0.753779	1.00985	1.00985	0.208403	0.769118	1.30019	0.647329	0.657314	-1.16643	0.682581	1.08317	1.08317	0.707844	1.07589	1.07589	1.43131	0.855841	0.531508	1
cg09140851	SH2D4A	0.312071	0.866875	1.06634	1.06634	0.090065	1.56013	1.56013	0.611096	1.21595	1.21595	0.347499	1.44826	1.44826	0.863657	0.936312	-1.06802	0.479375	1.30137	1.30137	0.893749	1.08051	1.08051	0.771281	1.11807	1.11807	0.977317	0.989173	-1.01094	1.43129	3.32311	2.06378	1
cg11649795	C11orf87	0.312072	0.542585	0.666025	-1.50139	0.3156	0.646665	-1.54643	0.527095	0.657746	-1.52498	0.418674	0.374799	-2.66952	0.931985	0.950919	-1.05156	0.288864	1.8344	1.8344	0.162968	0.2832	2.20823	0.962075	0.980616	-1.03134	0.0409068	0.178996	0.585674	0.182439	0.985497	5.67166	1
cg07049998	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AG TRAP	0.312075	0.646025	0.691594	-1.44654	0.40491	0.5060331	-1.97616	0.12749	0.26479	-3.77793	0.44781	1.8552	1.8552	0.847863	0.858122	-1.16522	0.649222	1.44068	1.44068	0.231479	0.365304	-2.73745	0.0975545	0.220882	-4.55005	0.0665220	0.188	-5.30474	1.47205	14.4799	7.65062	1
cg00528549	RNASEH2C	0.312077	0.798222	0.888831	1.088831	0.710439	1.13189	1.13189	0.890856	0.955143	-1.0462	0.830465	0.931247	1.073831	0.223568	0.852562	-1.17283	0.152509	0.602231	-1.66049	0.047493	0.147073	1.37906	0.0333027	0.437606	-2.28536	0.349588	0.726233	-1.37697	1.43128	2.50182	1.55375	1
cg11278262	KRTCAP2;TRIM46	0.312081	0.62557	0.771372	-1.29639	0.944406	0.963955	-1.03739	0.145009	2.32948	2.32948	0.26554	0.53799	-1.85877	0.0784949	0.343181	-2.91392	0.198021	0.482385	-2.07303	?	?	0.66523	1.25817	1.25817	0.957785	1.02826	1.02826	1.52612	5.66924	2.7861	1
cg05820944	KIF5C;MIR1978	0.312086	0.6409023	0.8477	-1.17963	0.5006104	1.62674	1.62674	1.25174	0.801357	1.24869	0.42602	2.42602	0.412404	0.15658	6.386258	-6.38626	0.569914	1.27612	1.27612	-1.27612	0.207848	4.81727	1.75752	1.75752	0.569191	1.75752	0.569191	1.75752	0.569191

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5T vs. N)	Fold-Change(5T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	FDR	F(Error
cg06260159	DSTN;DSTN	0.312421	0.373743	1.07579	0.172911	0.971812	-1.02601	0.194003	1.13622	1.13622	0.857611	0.985734	-1.01447	0.295169	1.09075	1.09075	0.149847	0.883798	-1.13148	0.07569	0.853252	-1.17092	0.971606	-1.02455	0.512762	1.05455	0.145008	0.0001203	1
cg12535452	BIN2	0.312433	0.540642	0.790052	-1.26574	0.643625	0.837574	-1.19392	0.9993283	0.502917	-1.9884	0.187969	0.588126	-1.70031	0.055932	0.438738	-2.27927	0.137986	0.54462	-1.83614	0.650164	1.18971	1.18971	0.328587	0.683179	-1.46761	0.157021	0.562244	-1.77859	0.140234	0.32878	2.03774	1
cg13384396	ADCY5	0.312441	0.926959	1.0164	1.0164	0.567918	0.902646	-1.10785	0.180094	0.776788	-1.28735	0.788461	1.04887	1.04887	0.487395	0.882328	-1.13337	0.111417	0.735168	-1.36023	0.228233	0.798997	-1.25157	0.259617	1.23203	1.23203	0.152972	1.31201	1.31201	1.40222	0.103	0.713133	0.443216	1
cg16897306	ZNF439;ZNF439	0.312445	0.451221	1.10229	1.10229	0.516375	1.08706	1.08706	0.883395	1.01879	1.01879	0.612984	1.06885	1.06885	0.357932	1.12743	1.12743	0.782358	1.03995	1.03995	0.01658	1.68869	-1.44955	0.873477	1.02041	1.02042	0.856157	1.02329	1.02329	1.40221	0.364505	0.266	1
cg25037274	WIPF3	0.312455	0.271308	0.745101	-1.34862	0.568092	0.860119	-1.16263	0.283807	0.749846	-1.33361	0.156818	1.48509	1.48509	0.031071	0.516239	-1.93709	0.86185	0.955531	-1.04654	0.437811	0.831271	-1.2096	0.830016	0.945401	-1.05775	0.975008	1.00821	1.00821	1.40318	1.54483	0.960144	1
cg26282505	KIF7	0.312465	0.119473	0.348831	-2.86671	0.17446	0.406387	-2.46071	0.119098	0.348396	-2.8703	0.295128	0.58324	-1.96757	0.050953	0.250058	-3.99908	0.184539	0.415895	-2.40445	0.164417	0.396545	-2.52114	0.861183	0.896635	-1.11528	0.32218	0.528615	-1.89174	0.40218	0.800144	5.4703	1
cg18906520	OGFOD2	0.312463	0.0656404	0.46085	-2.1699	0.198001	1.92257	1.92257	0.534979	0.790092	-1.26568	0.244185	0.633257	-1.57914	0.99944	0.999737	-1.00026	0.345442	0.694637	-1.4396	0.499498	0.773335	-1.2931	0.860989	0.936387	-1.06793	0.198209	0.600542	-1.66516	0.140315	3.18491	1.97953	1
cg26166094	CFLAR;CFLAR;CFLAR	0.312471	0.097866	0.72478	-1.38566	0.277162	1.22407	1.22407	0.914168	1.36178	1.36178	0.368294	0.847001	-1.18064	0.832626	1.03875	1.03875	0.257565	1.23653	1.23653	0.497526	0.885591	-1.13175	0.572348	0.992036	-1.00799	0.582163	1.10501	1.10501	1.40313	0.731371	0.454578	1
cg02006537	MIR124-3	0.312471	0.777467	0.974698	1.02596	0.182152	0.879788	-1.13664	0.876404	0.986202	-1.01418	0.563107	1.0543	1.0543	0.87724	0.1408	-1.04008	0.809757	1.02205	1.02205	0.0180328	0.771173	-1.29673	0.747074	1.0297	1.0297	0.523118	1.06028	1.06028	1.40313	1.285286	0.115163	1
cg07193553	DIO3	0.312473	0.0870236	4.62427	4.62427	0.924043	1.08034	1.08034	0.912249	0.914546	-1.09344	0.4172	0.51077	-1.95783	0.398148	0.496089	-2.01577	0.433589	0.523357	-1.91074	0.435736	0.525004	-1.90475	0.0585333	5.6508	5.6508	0.792203	1.23856	1.23856	1.40313	1.42722	0.24374	1
cg27535377	TRABD	0.312479	0.971143	1.00211	1.00211	0.97809	0.976269	-1.02389	0.84452	0.964522	-1.03749	0.45808	0.514589	-1.94309	0.429976	1.13884	1.13884	0.189335	0.440334	-2.26997	0.0440334	-2.26997	0.178569	1.849343	-1.17738	0.206147	0.446538	-2.23954	0.404051	1.49583	1.07883	0.598991	0.726147	-1.37713	1.84011	0.278277	5.1457	1
cg18899536	NAMPT	0.31248	0.713682	0.809546	-1.23526	0.638116	0.762152	-1.31207	0.857059	1.1089	0.69283	1.25023	1.25023	0.01133844	0.626245	-1.61835	0.888998	0.922989	-1.08344	0.489802	1.49513	0.467963	0.654816	-1.52715	0.735191	0.823137	-1.21486	0.430111	0.744505	4.6275	1
cg21803927	SGCZ	0.312488	0.444082	0.697571	-1.49774	0.387528	0.632193	-1.58179	0.0987267	0.691674	-1.45259	0.0155374	0.743911	0.8434221	-1.18579	0.664577	0.958634	-1.31259	0.378132	0.626144	-1.59703	0.118899	0.439403	-2.27582	0.651375	0.798337	-1.2648	0.0197563	0.232382	4.29517	0.14008	0.670121	3.37965	1
cg27049886	NUPL1;NUPL1	0.312488	0.433503	1.27404	1.27404	0.06055863	0.534612	1.30252	0.44892	0.791484	-1.26345	0.163062	0.636873	-1.57017	0.326265	1.19753	1.19753	0.867677	1.05183	1.05183	0.366771	0.856046	-1.32442	0.655474	0.872766	-1.14578	0.256504	1.43177	1.43177	1.40308	2.07998	0.129284	1
cg20270320	SPAG1;SPAG1	0.312489	0.181143	0.781859	-1.279	0.0833201	1.39415	1.39415	0.0872407	1.3872	1.3872	0.589596	1.09899	1.09899	0.804682	0.957963	-1.04388	0.965876	0.992612	-1.00744	0.302902	0.831271	-1.20319	0.894995	0.977371	-1.02315	0.682906	0.931284	-1.07379	1.40308	0.680467	0.422955	1
cg08745599	PEMT	0.312492	0.0936392	1.85547	1.85547	0.950738	1.01836	1.01836	0.644064	1.12561	1.56716	0.987456	1.05529	1.05529	0.298652	1.14306	1.14306	0.85458	1.06345	1.06345	0.246093	0.665824	-1.5019	0.118708	0.560735	-1.76449	0.639618	0.853743	-1.17151	1.40307	1.5663	0.973586	1
cg12927726	DGKZ;DGKZ;DGKZ;DGKZ	0.312492	0.341407	1.45515	1.45515	0.0279149	2.702	2.702	0.115492	1.92459	1.92459	0.322659	1.4783	1.4783	0.656003	0.842364	-1.18713	0.760105	1.12433	1.12433	0.181397	1.72094	1.72094	0.974694	1.01221	1.01221	0.903124	0.954478	-1.04769	1.40307	3.31593	2.06108	1
cg00322235	SNN	0.312498	0.985756	0.982358	-1.01188	0.0765991	3.69881	3.69881	0.0248909	1.84879	1.84879	0.240848	1.24545	1.24545	0.900186	1.08656	1.08656	0.529009	0.655769	-1.52493	0.703689	0.776607	-1.28765	0.919526	0.935326	-1.06955	0.951274	0.960376	-1.04126	1.40305	0.95182	0.6632	1
cg26840284	EIF4H;MIR590;EIF4H	0.312504	0.8282508	1.044452	1.044452	0.5854163	1.15644	1.15644	0.163934	0.657329	-1.52431	0.0943513	1.62194	1.62194	0.0126816	1.40306	1.40306	0.111436	0.633844	-1.57767	0.627065	1.13742	1.13742	0.30223	1.35991	1.35991	0.774709	1.07839	1.07839	1.40304	1.5663	0.973586	1
cg13365761	SCNN1G	0.312511	0.94508	1.01144	1.01144	0.532282	0.900836	-1.11008	0.220627	1.23688	1.23688	0.521214	1.11331	1.11331	0.169532	0.785381	-1.27327	0.528484	1.11118	1.11118	0.694861	1.06725	1.06725	0.0153186	1.49877	1.49877	0.677196	0.93322	-1.07156	1.40302	0.617268	0.38369	1
cg07605236	SPIN1	0.312513	0.85835	1.0238	1.0238	0.307425	0.946441	-1.05659	0.127833	1.60075	1.60075	0.458464	0.803545	-1.24437	0.684326	1.12391	1.12391	0.650149	0.877068	-1.13983	0.883092	2.00261	2.00261	0.462285	1.23843	1.23843	0.199268	1.47344	1.47344	1.40301	1.84963	1.14972	1
cg00866572	FZD9	0.312522	0.169502	0.79683	-1.25497	0.120026	0.769829	-1.29899	0.387645	1.1473	0.865253	1.16755	1.16755	0.167506	0.767249	-1.30316	0.967556	0.993708	-1.00633	0.943844	1.01099	1.01099	0.308953	1.12752	1.12752	0.209829	0.843569	-1.18544	0.264122	0.843738	-1.19798	1.40298	0.54543	0.339043	1
cg09598221	CCDC135	0.312523	0.789411	0.962529	1.03883	0.340877	0.863391	-1.15031	0.481403	0.890585	1.10755	0.481403	0.899205	1.10755	0.0429559	0.844805	-1.18413	0.0206494	0.684235	1.46124	0.0374	2.67045	2.67045	0.0272112	0.760207	-1.31543	0.376286	0.879	-1.13766	1.40298	0.460303	0.280564	1
cg24469977	PLXNA4;PLXNA4	0.312524	0.51217	0.813056	-1.22993	0.0331539	0.460562	-2.17126	0.65763	0.870354	-1.14896	0.131022	0.601941	-1.66129	0.878992	1.04857	1.04857	0.350405	0.741396	-1.34881	0.387555	1.31747	1.31747	0.160677	0.627195	-1.5944	0.758632	0.90851	1.1007	1.40298	2.19491	1.36438	1
cg25641451	OR51A2	0.312525	0.0554059	0.0788902	-12.6758	0.314936	0.206577	-3.37181	0.231149	0.34543	-2.89543	0.593444	0.532444	-1.87613	0.116235	0.13587	-7.35996	0.186848	0.194648	-5.13748	0.506722	0.454784	-2.19885	0.349167	0.32391	-3.08728	0.523855	0.468862	-2.13282	1.40298	30.9844	19.2603	1
cg02155024	C6orf226	0.312526	0.3500077	1.18458	1.18458	0.629297	1.09562	1.09562	0.321924	1.11572	1.11572	0.0242772	1.15297	1.15297	0.0321003	1.15192	1.15192	0.567126	0.76728	1.30275	0.207177	1.30275	0.437133	0.870475	1.15073	1.15073	0.108817	1.08887	1.08887	0.95055	1.40306	0.259329	0.161204	1
cg13074336	IMMP2L	0.312542	0.918817	1.02106	1.02106	0.0369855	0.609525	-1.64062	0.438415	1.17531	1.17531	0.371272	0.828923	-1.20639	0.401639	0.839088	-1.19177	0.619236	0.902682	-1.10781	0.995178	1.00124	1.00124	0.486902	0.865567	-1.15531	0.0603351	0.648598	-1.54179	1.40293	0.945961	0.58804	1
cg14548777	DDX5	0.312552	0.673902	1.17246	1.17246	0.288943	0.615123	-1.61258	0.243875	0.82634	-1.21058	0.0744444	0.53144	1.8444	0.0139466	1.35963	1.35963	0.703695	0.874462	-1.14307	0.0776	1.55008	1.55008	0.0178462	-1.2698	0.787953	0.0188403	1.31442	1.31442	1.40294	3.32044	1.98952	1
cg04902826	GBP1	0.312563	0.0713931	1.37441	1.37441	0.362245	0.862512	-1.1594	0.348436	1.16474	1.16474	0.278149	0.836938	-1.19483	0.633125	0.926859	-1.07891	0.45176	0.885957	-1.12872	0.117891	1.30759	1.30759	0.272328	1.02575	1.02575	0.623085	1.08138	1.08138	1.40287	0.564011	0.351182	1
cg06970772	PRDM16;PRDM16	0.312564	0.0705596	0.261756	-3.82036	0.379748	0.550122	-1.81778	0.998537	0.998785	-1.00122	0.730674	0.795184	-2.25753	0.116517	0.322666	-3.09918	0.473974	0.61694	-1.6209	0.471997	0.615562	-1.62453	0.0528488	0.232338	-4.30408	0.110309	0.315305	-3.17153	1.40286	9.96163	6.19274	1
cg16485012	NTF3	0.312565	0.688775	1.04728	1.04728	0.675437	0.940747	-1.06381	0.45106	0.880239	-1.13611	0.194796	0.718736	-1.39172	0.0828329	1.19417	1.19417	0.834019	1.02863	1.02863	0.868276	1.02258	1.02258	0.0180393	1.47181	1.47181	0.308713	1.12324	1.12324	1.40286	1.409714	0.254043	1
cg10059450	RBM4	0.312568	0.0143986	0.360896	-2.77088	0.447853	0.770002	-1.2987	0.55629	0.817862	-1.2227	0.377073	0.736209	-1.35831	0.644072	0.85454	1.17022	0.16518	0.606414	1.64904	0.229255	0.653918	-1.52954	0.0974295	0.945148	1.05772	0.988442	0.995118	1.00491	1.40285	2.58519	1.60712	1
cg00826855	HDLBP;HDLBP	0.312577	0.0974937	0.78237	-1.27837	0.15836	0.827983	-1.20798	0.165655	0.824779	-1.21287	0.0158803	0.62439	-1.60882	0.0178513	0.0909455	1.10755	0.0844805	0.654775	1.52787	0.0180391	1.36611	1.36611	0.556564	1.23995	1.23995	0.183442	1.24201	1.24201	1.40283	0.703603	0.486384	1
cg16720650	STX18	0.312578	0.0751132	0.720863	-1.38723	0.410655	0.870276	-1.14906	0.688899	1.06872	1.06872	0.221765	0.808892	-1.23626	0.182152	0.791475	-1.26346	0.448655	0.880279	-1.136	0.0617231	0.706447	-1.41553	0.617513	0.0867	1.0867	0.275626	0.829195	-1.20599	1.40282	0.617628	0.383965	1
cg05638787	DNAIC7;C15orf62;C15orf62	0.312578	0.288513	0.522891	-1.91245	0.078626	0.15639	3.15639	0.172824	2.34826	2.34826	0.405355	0.605944	-1.65032	0.373325	0.580441	-1.72321	0.568057	0.712599	-1.40332	0.38776	0.553975	-1.66355	0.455263	0.619211	-1.56443	0.363218	0.577018	-1.73305	1.40282	7.84131	4.87477	1
cg18145047	TAF7	0.312583	0.896011	1.04193	1.04193	0.769096	0.947175	1.05539	0.831111	0.963393	-1.03818	0.0455191	0.66255	1.17229	0.0958518	0.554504	-1.80359	0.844805	-1.18413	0.0619494	0.844805	-1.18413	0.154184	0.642203	0.82476	-1.21225	0.0199823	0.760207	-1.31543	0.378286	0.879	-1.13766	1.40282	0.460303	0.280564	1
cg02792794	ACACB	0.312584	0.690703	1.04001	1.04001	0.0160447	0.748957	-1.33519	0.296093	0.899188	-1.11212	0.221413	0.881555	-1.13436	0.981608	0.997742	-1.00226	0.817567	1.02292	1.02292	0.295772	0.899118	-1.1122	0.557611	0.943492	-1.05989	0.593501	0.948528	-1.05427	1.40281	0.217853	0.135436	1
cg07071948	GABBR1;GABBR1;GABBR1	0.312587	0.1803866	0.61951	-1.61455	0.0633	0.32134	-3.1124	0.18267	0.588026	-1.70024	0.0204	0.24094	4.14444	0.0013746	0.647467	1.54407	0.0880053	0.454348	2.20176	0.0156	2.20176	0.0156	2.20176	0.0156

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06786050	ATP2C2	0.312957	0.869089	0.942899	-1.06056	0.0195475	2.7342	2.7342	0.493873	1.28102	1.28102	0.459175	0.764409	-1.3082	0.248649	1.53702	1.53702	0.804057	1.09265	1.09265	0.510657	1.2685	1.2685	0.745098	1.12331	1.12331	0.401492	0.736328	-1.35809	1.42872	2.87501	1.7887	1
cg20201566	MMAB;MMAB;MVK;MVK	0.312957	0.280296	0.433405	-2.30731	0.112816	3.61766	3.61766	0.207338	2.69278	2.69278	0.523865	0.618025	-1.61806	0.368291	0.502365	-1.99058	0.470363	1.72823	1.72823	?	?	?	0.507963	1.64928	1.64928	0.183891	2.85831	2.85831	1.42836	11.16	7.81315	1
cg19464247	ADAM19	0.312958	0.68944	1.16287	1.16287	0.105882	0.515062	-1.94151	0.141436	0.552115	-1.81122	0.324852	1.46508	1.46508	0.942044	0.973058	-1.02769	0.568625	1.24165	1.24165	0.0913845	2.01044	2.01044	0.965265	1.01649	1.01649	0.57449	1.2375	1.2375	1.42872	3.19296	1.98652	1
cg06839900	HES5	0.31296	0.490989	0.403329	-2.47937	0.171956	0.151486	-6.60129	0.079772	0.0801722	-12.4731	?	?	?	0.0419763	0.0477403	-20.9466	0.197362	0.170548	-5.86347	0.302104	0.249679	-4.00514	0.572264	0.476791	-2.09735	0.688867	0.593095	-1.68607	1.42835	33.8759	23.7168	1
cg17031727	COG2;COG2	0.312966	0.17995	3.12954	3.12954	0.172563	3.1996	3.1996	0.281721	2.45039	2.45039	0.701977	0.734904	-1.36072	0.738038	1.30854	1.30854	0.853333	1.15981	1.15981	0.0229864	8.83558	8.83558	0.232089	2.72924	2.72924	0.445555	1.86448	1.86448	1.4287	14.5227	9.03555	1
cg04006399	SCARF2;SCARF2	0.312968	0.248842	0.776895	-1.28718	0.0662363	0.649532	-1.53957	0.846403	0.960197	-1.04145	?	?	?	0.820116	0.953417	-1.04886	0.865665	1.0361	1.0361	0.0946636	1.4692	1.4692	0.610447	0.897983	-1.11361	0.394651	0.833105	-1.20033	1.42832	0.88202	0.61752	1
cg17491456	DAB2	0.31297	0.219242	0.38169	-2.61993	0.58806	0.665191	-1.50333	0.583878	1.51036	1.51036	0.272636	0.426913	-2.34239	0.150358	0.316862	-3.15594	0.60539	0.678049	-1.47482	0.0311458	0.151739	-6.59027	0.569625	0.651555	-1.53479	0.132307	0.297952	-3.35625	1.42868	12.5746	7.82355	1
cg00498419	MKI67;MKI67	0.312972	0.305884	0.792748	-1.26144	0.128245	0.697529	-1.43363	0.0495196	0.612039	-1.63388	0.550899	1.14133	1.14133	0.385719	1.21508	1.21508	0.989162	1.00298	1.00298	0.188619	0.737012	-1.35683	0.359882	0.81365	-1.22903	0.757749	0.934468	-1.07013	1.42868	1.08596	0.675656	1
cg18865999	PCYOX1	0.312973	0.234165	0.727961	-1.3737	0.562096	1.16093	1.16093	0.627552	1.13255	1.13255	0.0579953	0.57952	-1.72557	0.243322	1.36452	1.36452	0.877006	1.04022	1.04022	0.49473	0.838184	-1.19306	0.174887	0.692572	-1.44389	0.534226	1.17382	1.17382	1.42868	1.46652	0.912436	1
cg26131194	SNX21;SNX21;SNX21;SNX21	0.312976	0.828227	1.16197	1.16197	0.748031	1.2494	1.2494	0.980563	0.983311	-1.01697	0.745313	1.25253	1.25253	0.0136395	0.121495	-8.23078	0.433469	0.575694	-1.73703	0.263483	0.44695	-2.23739	0.753504	0.804423	-1.24313	0.375823	0.533711	-1.87367	1.42867	10.7991	6.71898	1
cg16094352	REC8;REC8	0.312977	0.177353	0.549627	-1.81941	0.73983	0.870119	-1.14927	0.146553	1.91658	1.91658	0.940516	1.03165	1.03165	0.510197	0.756645	-1.32162	0.971569	1.01499	1.01499	0.213772	0.578973	-1.7272	0.0467087	0.386465	-2.58756	0.650514	0.826627	-1.20974	1.42866	3.94338	2.4535	1
cg25107788	XKR8	0.312986	0.107635	0.723781	-1.38163	0.199261	0.779023	-1.28366	0.117577	0.731298	-1.36743	0.498873	0.881267	-1.13473	0.999748	1.00006	1.00006	0.58282	0.902912	-1.10753	0.487154	0.878116	-1.1388	0.045019	0.654754	-1.52729	0.1149	0.729327	-1.37113	1.42864	0.766968	0.477201	1
cg12539671	REEP3	0.312986	0.52562	1.40485	1.40485	0.833565	0.894746	-1.11764	0.299311	1.7657	1.7657	0.105974	2.54268	2.54268	0.293185	1.77951	1.77951	0.466955	1.47881	1.47881	0.309827	0.57381	-1.74274	0.222469	1.9692	1.9692	0.0536749	3.18367	3.18367	1.42864	6.32069	3.93268	1
cg02396224	CASZ1	0.312991	0.163992	5.19081	5.19081	0.324373	3.09135	3.09135	0.84897	1.23542	1.23542	0.125851	6.27577	6.27577	0.590364	1.82691	1.82691	0.10697	7.03861	7.03861	0.0699301	9.46123	9.46123	0.479853	2.2177	2.2177	0.0707752	9.38299	9.38299	1.42862	27.8233	17.3116	1
cg15008879	DNAJC1	0.312992	0.819202	0.97749	-1.02303	0.251528	1.12652	1.12652	0.0980296	1.19779	1.19779	0.671049	0.958406	-1.0434	0.965651	0.995727	-1.00429	0.233221	1.13235	1.13235	0.0873097	0.828843	-1.2065	0.383893	1.09285	1.09285	0.637221	0.95386	-1.04837	1.42862	0.223756	0.139221	1
cg15872329	BLOC1S2;BLOC1S2	0.312992	0.394203	2.02136	2.02136	0.152881	0.290967	-3.43681	0.804465	0.818701	-1.22145	0.425857	1.92655	1.92655	0.192268	3.04348	3.04348	0.481689	1.78018	1.78018	0.0577752	0.177281	-5.64077	0.880091	0.885384	-1.12945	0.919632	0.921837	-1.08479	1.42862	14.7143	9.15526	1
cg04768715	TRUB1;TRUB1	0.312995	0.453921	0.876758	-1.14057	0.678494	0.930655	-1.07451	0.962447	0.991915	-1.00815	0.860243	0.970073	-1.03085	0.941374	1.01276	1.01276	0.492562	0.886778	-1.12768	0.0126697	0.58612	-1.70614	0.733521	0.942786	-1.06069	0.335899	1.18658	1.18658	1.42861	0.672556	0.418467	1
cg19225099	KRT78	0.312995	0.544955	0.800423	-1.24934	0.0842167	0.499504	-2.00198	0.0920745	0.50977	-1.96167	0.560852	0.807609	-1.23822	0.634463	1.1901	1.1901	0.390901	0.726561	-1.37635	0.158953	1.72814	1.72814	0.283305	0.666939	-1.49939	0.711905	0.873906	-1.14429	1.42861	2.98731	1.85871	1
cg21995961	KLHL23	0.313012	0.170187	0.409866	-2.43982	0.925332	1.0589	1.0589	0.557191	1.43689	1.43689	0.24333	0.474554	-2.10724	0.295947	0.515972	-1.93809	0.206796	0.443562	-2.25448	0.0583032	0.270799	-3.69277	0.136868	0.375916	-2.66017	0.20401	0.441101	-2.26705	1.42857	8.43432	5.24804	1
cg10868293	SLITRK4	0.313017	0.703339	1.22888	1.22888	0.373945	0.611627	-1.63498	0.70851	0.816846	-1.22422	0.0725201	0.339793	-2.94297	0.0660311	0.329267	-3.03705	0.329738	1.71912	1.71912	0.347725	1.6834	1.6834	0.879764	0.921695	-1.08496	0.61666	0.761948	-1.31242	1.42855	6.56532	4.08515	1
cg16401465	ARID5B	0.313017	0.7656	1.12813	1.12813	0.250658	0.616294	-1.6226	0.950512	0.975282	-1.02534	0.112238	2.00835	2.00835	0.494845	1.32249	1.32249	0.743024	0.87576	-1.14186	0.517053	1.30328	1.30328	0.917185	0.958926	-1.04283	0.0322271	2.74939	2.74939	1.42855	3.67895	2.28916	1
cg10065210	NXN	0.31302	0.617811	0.840231	-1.19015	0.640307	1.17687	1.17687	0.37737	1.36815	1.36815	0.542132	1.23806	1.23806	0.0503188	0.462043	-2.1643	0.565209	1.22286	1.22286	0.615731	1.1914	1.1914	0.69302	1.14718	1.14718	0.088299	0.521619	-1.91711	1.42854	2.70948	1.68593	1
cg13275538	TCERG1L	0.313022	0.0864961	0.686413	-1.45685	0.952808	1.01183	1.01183	0.541333	0.884382	-1.13073	0.54649	0.885799	-1.12892	0.520292	1.13825	1.13825	0.845207	0.961904	-1.03961	0.205707	1.30379	1.30379	0.0513222	0.643452	-1.55412	0.629405	0.907899	-1.10144	1.42853	0.893349	0.555876	1
cg25945303	KLF6;KLF6;KLF6;KLF6	0.313025	0.798013	1.04477	1.04477	0.715392	1.06453	1.06453	0.123152	1.33003	1.33003	0.972146	0.994055	-1.00598	0.20883	1.25387	1.25387	0.5786	0.908637	-1.10055	0.817936	0.96139	-1.04016	0.772023	0.951602	-1.05086	0.0246416	1.57925	1.57925	1.42853	0.659724	0.410508	1
cg04342223	TCTN3;TCTN3	0.313033	0.720952	0.934425	-1.07018	0.779727	0.948362	-1.05445	0.104875	1.39813	1.39813	0.112209	0.721057	-1.38685	0.712893	1.07239	1.07239	0.508255	0.880809	-1.13532	0.148165	0.74577	-1.3409	0.591145	0.902537	-1.10799	0.253352	1.25306	1.25306	1.4285	0.809034	0.503423	1
cg20614854	SDK2	0.313033	0.492206	1.25921	1.25921	0.196657	1.56999	1.56999	0.922615	1.03263	1.03263	0.172503	1.61569	1.61569	0.293978	1.43286	1.43286	0.112515	0.565031	-1.76981	0.147654	1.6708	1.6708	0.288153	1.43961	1.43961	0.317104	1.40737	1.40737	1.4285	2.47015	1.53705	1
cg03046925	TRIM15	0.313034	0.267828	1.7704	1.7704	0.328796	0.607272	-1.64671	0.853666	0.91268	-1.09567	0.505312	1.39725	1.39725	0.030831	0.285116	-3.50735	0.557102	1.34161	1.34161	0.700277	1.21096	1.21096	0.916011	0.949135	-1.05359	0.264444	0.562364	-1.77821	1.4285	5.5406	3.44765	1
cg04943713	CREM;CREM;CREM;CREM;CREM;CREM ;CREM;CREM;CREM;CREM;CREM;CRE M	0.313036	0.725409	1.17675	1.17675	0.777997	1.13935	1.13935	0.584241	0.774881	-1.29052	0.976911	0.986732	-1.01345	0.0198984	0.273294	-3.65906	0.93108	0.960863	-1.04073	0.438572	1.44002	1.44002	0.857878	1.08625	1.08625	0.144715	0.485295	-2.0606	1.4285	4.8195	2.99896	1
cg01449563	STK19;STK19;STK19;DOM3Z	0.313038	0.342271	0.530612	-1.88461	0.310744	0.506986	-1.97244	0.427028	0.59141	-1.69087	0.567829	0.688008	-1.45347	0.276423	0.480363	-2.08176	0.0636886	0.259194	-3.85811	0.108315	0.321555	-3.10989	0.120827	0.33636	-2.97301	0.0585012	0.250476	-3.9924	1.42849	9.48993	5.90518	1
cg22836370	MBD2;MBD2;MBD2;MBD2	0.313042	0.0673134	0.734532	-1.36141	0.478101	1.11464	1.11464	0.729404	1.05365	1.05365	0.556964	0.914488	-1.09351	0.462476	1.11913	1.11913	0.0482932	1.40436	1.40436	0.792393	0.961083	-1.04049	0.907685	0.982695	-1.01761	0.910391	1.01709	1.01709	1.42848	0.512303	0.318788	1
cg16536718	FGF10	0.313046	0.129564	0.20621	-4.84942	0.141915	4.58314	4.58314	0.829231	1.23151	1.23151	0.459629	2.0665	2.0665	0.397287	0.433605	-2.30625	0.222986	0.290976	-3.43671	0.218117	0.286806	-3.48668	0.613472	1.63405	1.63405	0.377167	2.39564	2.39564	1.42847	21.0278	13.0849	1
cg03165383	GALR1	0.313052	0.941171	1.01965	1.01965	0.0207924	0.480095	-2.08292	0.335997	0.769828	-1.29899	0.503385	1.1961	1.1961	0.257034	0.732043	-1.36604	0.460911	0.820422	-1.21889	0.859897	0.954484	-1.04769	0.329867	0.767101	-1.30361	0.207444	0.704324	-1.4198	1.42845	1.57293	0.978799	1
cg15891546	DENND3	0.313052	0.97294	0.981316	-1.01904	0.239515	1.98352	1.98352	0.450114	0.65187	-1.53405	0.408113	1.60077	1.60077	0.199232	0.470372	-2.12598	0.574331	1.37104	1.37104	0.0622113	0.311202	-3.21334	0.432555	1.56105	1.56105	0.328556	0.570789	-1.75196	1.42845	6.99489	4.35275	1
cg19868730	POPDC2	0.313063	0.083102	0.244302	-4.09329	0.43841	1.78704	1.78704	0.940973	0.947057	-1.0559	0.323411	0.47276	-2.11524	0.0459749	0.186371	-5.36564	0.28982	0.446195	-2.24117	0.225121	0.392262	-2.54932	0.323059	0.472486	-2.11646	0.44968	0.567889	-1.76091	1.42842	12.2061	7.59574	1
cg15985338	PMS2;PMS2;AIMP2	0.313069	0.531455	1.12753	1.12753	0.191582	1.29925	1.29925	0.682463	0.925068	-1.081	0.425138	1.16675	1.16675	0.476271	0.871838	-1.147	0.934642	0.98459	-1.01565	0.0607347	0.670092	-1.49233	0.909249	0.97864	-1.02183	0.124271	1.37047	1.37047	1.4284	0.811137	0.504768	1
cg13659419	PNPLA7;PNPLA7	0.31307	0.42402	1.2487	1.2487	0.429854	1.24508	1.24508	0.602936	0.866967	-1.15345	0.31707	0.754777	-1.3249	0.980041	1.00683	1.00683	0.0738703	1.71932	1.71932	0.441398	1.23805	1.23805	0.176049	0.676175	-1.47891	0.234342	0.712409	-1.40369	1.4284	1.67386	1.04164	1
cg18399183	METTL7A	0.313074	0.0389392	0.451587	-2.21441	0.434494	0.767045	-1.3037	0.501489	0.797008	-1.25469	0.176634	0.620204	-1.61237	0.0467322	0.468932	-2.13251	0.84738	0.937927	-1.06618	0.228	0.656494	-1.52324	0.291478	0.694862	-1.43914	0.48274	0.78879	-1.26777	1.42838	2.50228	1.55718	1
cg08277259	IRF8	0.313087	0.356678	0.781287	-1.27994	0.181277	0.691081	-1.44701	0.0935023	0.61862	-1.6165	0.733336	1.09312	1.09312	0.246275	0.72929	-1.3712	0.0632416	0.580481	-1.72271	0.942314	0.981335	-1.01902	0.362275	1.27608	1.27608	0.538665	0.85038	-1.17594	1.42835	1.53338	0.954252	1
cg26106590	VOPP1	0.313088	0.568029	1.45234	1.45234	0.12187	2.95744	2.95744	0.0700342	3.70552	3.70552	0.572979	1.44529	1.44529	0.875224	1.10696	1.10696	0.439867	1.6643	1.6643	0.151496	2.70139	2.70139	0.163332	0.382103	-2.61709	0.526016	1.51511	1.51511	1.42834	9.45933	5.88675	1
cg05511138	ARHGAP6;ARHGAP6	0.313091	0.103138	0.188488	-5.30537	0.209451	0.289911	-3.44934	0.407689	0.452614	-2.20939	0.662413	0.662865	-1.5086	0.288528	0.356543	-2.80471	0.0298037	0.0913337	-10.9489	0.776992	1.30447	1.30447	0.827416	1.22675	1.22675	0.776426	1.30537	1.30537	1.42834	19.8185	12.3336	1
cg01627553	BPGM;BPGM	0.313101	0.421296	1.17701	1.17701	0.136773	1.37436	1.37436	0.0351228	1.62732	1.62732	0.624474	1.10283	1.10283	0.877465	0.969855	-1.03108	0.0715714	1.49056	1.49056	0.635623	1.09932	1.09932	0.193485	1.31386	1.31386	0.688721	1.08316	1.08316	1.42831	0.890274	0.554051	1
cg11550234	PKN1;PKN1	0.313105	0.146034	0.541836	-1.84558	0.964378	1.01769	1.01769	0.367617	1.43821	1.43821	0.432928	0.730349	-1.36921	0.372989	1.43207	1.43207	0.421753	1.38023	1.38023	0.21695	1.66548	1.66548	0.157729	1.80967	1.80967	0.221825	0.603988	-1.65566	1.4283	3.48783	2.17062	1
cg11631158	SHISA2	0.313108	0.127773	0.669549	-1.49354	0.923565	1.02366	1.02366	0.69995	0.909971	-1.09894	0.158754	1.44337	1.44337	0.242232	0.742169	-1.3474	0.168095	0.699163	-1.43028	0.287353	0.764041	-1.30883	0.291346	0.765866	-1.30571	0.395852	1.23594	1.23594	1.42829	1.34261	0.835567	1
cg11295357	HTRA1	0.31311	0.448539	1.3998	1.3998	0.0295455	0.327651	-3.05203	0.682554	0.836049	-1.1961	0.969091	1.01702	1.01702	0.919136	0.956742	-1.04521	0.326873	1.5539	1.5539	0.207331	1.78432	1.78432	0.509165	0.747056	-1.33859	0.551181	0.769068	-1.30028	1.42828	4.28961	2.66964	1
cg23169883	ADAMTS14;ADAMTS14	0.313112	0.483199	1.75641	1.75641	0.443566	1.85422	1.85422	0.349699	0.467236	-2.14025	0.673198	1.39838	1.39838	0.107853	0.249856	-4.00231	0.632054	1.46424	1.46424	0.709213	1.3446	1.3446	0.320243	2.25203	2.25203	0.0551459	5.57679	5.57679	1.42827	14.1335	8.79602	1
cg25978167	PAICS;PPAT;PAICS;PAICS	0.313115	0.132737	0.809175	-1.23583	0.837881	1.0271	1.0271	0.293312	0.867364	-1.15292	0.511898	1.09071	1.09071	0.476833	1.09902	1.09902	0.347936	0.881489	-1.13444	0.513949	0.917229	-1.09024	0.1005	1.26472	1.26472	0.251545	1.16925	1.16925	1.42827	0.385414	0.239864	1
cg17825298	PRKAG2	0.313121	0.871258	1.0453	1.0453	0.308363	0.749743	-1.33379	0.91201	0.970254	-1.03066	0.825299	0.941395	-1.06225	0.311103	1.33147	1.33147	0.161534	1.50442	1.50442	0.0518435	0.546385	-1.83021	0.331419	0.76052	-1.31489	0.480989	1.21614	1.21614	1.42825	1.68808	1.0506	1
cg02675260	MIR1237;RPS6KA4;RPS6KA4	0.313126	0.656393	1.35002	1.35002	0.108054	3.23868	3.23868	0.0830782	3.61864	3.61864	0.64218	1.36838	1.36838	0.358488	0.53107	-1.88299	0.801784	0.844853	-1.18364	0.203808	2.45697	2.45697	0.137519	2.92113	2.92113	0.230707	2.32266	2.32266	1.42824	10.1614	6.32411	1
cg17478992	SLC12A8	0.313127	0.232503	0.530169	-1.88619	0.672345	1.24061	1.24061	0.174874	0.48127	-2.07783	0.0890195	0.386519	-2.58719	0.0429605	0.307114	-3.25612	0.183959	0.4895	-2.0429	0.692237	0.817394	-1.2234	0.978726	0.986577	-1.01361	0.562708	0.74334	-1.34528	1.42823	5.8104	3.61622	1
ch.10.1418365F	HERC4;HERC4	0.313127	0.0782497	0.561093	-1.78224	0.526913	1.20849	1.20849	0.718587	1.11281	1.11281	0.0490375	0.514908	-1.9421	0.300312	0.728302	-1.37306	0.656725	0.876229	-1.14125	0.433758	0.789828	-1.2661	0.979218	1.00772	1.00772	0.422251	1.27398	1.27398	1.42823	1.97364	1.22833	1
cg16354091	NME5	0.313128	0.498931	1.22694	1.22694	0.754784	1.09785	1.09785	0.536981	1.20475	1.20475	0.0401151	0.493266	-2.0273	0.482744	1.23683	1.23683	0.887602	0.958738	-1.04304	0.118542	0.603575	-1.65679	0.440957	1.26382	1.26382	0.516487	0.822015	-1.21652	1.42823	2.00813	1.2498	1
cg25165701	LOC401093;MBNL1;LOC401093;MBNL1	0.313128	0.387947	0.641429	-1.55902	0.624327	0.780601	-1.28106	0.211522	0.516584	-1.93579	0.818081	0.890814	-1.12257	0.0337747	0.288236	-3.46938	0.595374	0.764163	-1.30862	0.0457371	0.316832	-3.15625	0.732233	0.841681	-1.1881	0.219713	0.523285	-1.911	1.42823	5.69642	3.54529	1
cg13208832	FAM149A	0.313135	0.739227	1.23662	1.23662	0.620665	1.37392	1.37392	0.235638	2.23148	2.23148	0.475673	1.58933	1.58933	0.98048	1.01566	1.01566	0.0258265	0.166478	-6.00678	0.803532	1.17161	1.17161	0.766148	0.827314	-1.20873	0.508663	1.53405	1.53405	1.52424	9.26831	4.05375	1
cg21637097	CREBL2	0.313142	0.670313	0.910326	-1.09851	0.0502584	0.612836	-1.63176	0.537134	0.87188	-1.14695	0.259122	0.772367	-1.29472	0.573171	1.13303	1.13303	0.280821	0.781973	-1.27882	0.288889	0.785419	-1.27321	0.682364	0.91368	-1.09447	0.15242	1.39976	1.39976	1.42819	1.08875	0.677628	1
cg03325648	COL11A2;COL11A2;COL11A2	0.313144	0.798958	0.886031	-1.12863	0.809703	0.891919	-1.12118	0.377473	0.650933	-1.53626	0.754551	0.861832	-1.16032	0.127476	0.457775	-2.18448	0.168085	0.498344	-2.00665	0.235751	1.80237	1.80237	0.0662668	0.376562	-2.6556	0.480004	1.40552	1.40552	1.42818	5.08437	3.16447	1
cg18702234	PSME3;PSME3	0.313146	0.292757	0.872181	-1.14655	0.16885	1.20164	1.20164	0.586915	0.933574	-1.07115	0.754808	1.04003	1.04003	0.295076	1.14574	1.14574	0.772195	0.964282	-1.03704	0.952158	1.00755	1.00755	0.0306012	1.37479	1.37479	0.555561	1.07756	1.07756	1.42818	0.355097	0.22101	1
cg26647139	CADM1;CADM1	0.313146	0.0613732	0.586341	-1.70549	0.446138	0.821441	-1.21737	0.689883	0.903403	-1.10693	0.408783	1.23861	1.23861	0.386825	1.25192	1.25192	0.282618	1.32682	1.32682	0.75537	1.08238	1.08238	0.179767	1.43457	1.43457	0.312475	1.30295	1.30295	1.42818	1.45106	0.903132	1
cg27131663	HIST1H2BN;HIST1H2AK	0.313152	0.409305	0.836488	-1.19547	0.103341	0.685959	-1.45781	0.582201	1.12475	1.12475	0.72925	1.07628	1.07628	0.761643	1.06648	1.06648	0.0726383	1.52767	1.52767	0.236809	0.769326	-1.29984	0.363487	0.820704	-1.21847	0.725454	1.07745	1.07745	1.42816	1.01251	0.630186	1
cg26413730	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.313154	0.120039	0.508251	-1.96753	0.321839	1.50788	1.50788	0.332669	1.49337	1.49337	0.34988	0.679668	-1.47131	0.0700174	0.443568	-2.25444	0.621269	0.818856	-1.22122	0.905604	0.953509	-1.04876	0.832623	0.918579	-1.08864	0.186184	0.569824	-1.75493	1.42815	3.64244	2.26707	1
cg17431382	AK5;AK5	0.313155	0.480571	0.852629	-1.17284	0.65838	1.104	1.104	0.173087	0.724449	-1.38036	0.478924	1.17357	1.17357	0.787301	1.06198	1.06198	0.24266	0.761954	-1.31242	0.292961	1.27453	1.27453	0.460046	0.845992	-1.18204	0.0492262	0.607067	-1.64727	1.42815	1.11825	0.696002	1
cg06217769	SMG6;SMG6	0.313168	0.118374	0.275763	-3.6263	0.327206	2.15655	2.15655	0.251423	2.48544	2.48544	0.498538	0.593304	-1.68548	0.49924	0.593825	-1.684	0.262379	0.411502	-2.43012	0.0805904	0.22936	-4.35996	0.368144	0.495406	-2.01854	0.661706	0.715662	-1.39731	1.42811	13.0582	8.12773	1
cg01005349	RGMB	0.313173	0.941189	0.982334	-1.01798	0.911387	0.973466	-1.02726	0.629974	1.12442	1.12442	0.111888	0.658223	-1.51924	0.0927294	0.639624	-1.56342	0.103552	0.650469	-1.53735	0.133389	0.676313	-1.4786	0.59537	1.13823	1.13823	0.813995	1.05859	1.05859	1.4281	1.31987	0.821521	1
cg08317730	DDX12	0.313173	0.58329	0.908271	-1.10099	0.551045	1.11043	1.11043	0.665377	0.927217	-1.0785	0.281002	1.21482	1.21482	0.362471	0.849975	-1.17651	0.283476	0.824056	-1.21351	0.0362155	1.52645	1.52645	0.646735	0.92299	-1.08344	0.446036	1.14442	1.14442	1.4281	0.682125	0.424574	1
cg12244648	ZNF653	0.313177	0.414479	0.826296	-1.21022	0.277443	0.772322	-1.2948	0.940274	1.01729	1.01729	0.264064	1.3051	1.3051	0.579071	0.879701	-1.13675	0.431858	0.832362	-1.2014	0.0370893	1.73963	1.73963	0.453538	0.839755	-1.19082	0.714896	1.08754	1.08754	1.42809	1.18332	0.736539	1
cg26266046	HDAC4	0.313179	0.109796	0.351184	-2.84751	0.27255	0.503816	-1.98485	0.261848	0.495415	-2.01851	0.866893	0.904205	-1.10594	0.0608588	0.28128	-3.55518	0.132862	0.377794	-2.64694	0.121629	0.365183	-2.73836	0.195087	0.439252	-2.2766	0.201684	0.445154	-2.24642	1.42808	8.15034	5.07306	1
cg26169845	MYO1C;MYO1C;MYO1C	0.313193	0.214291	0.512561	-1.95099	0.27768	0.561542	-1.78081	0.698335	0.819481	-1.22028	0.295562	0.574377	-1.74102	0.0306226	0.272976	-3.66332	0.162418	0.46655	-2.14339	0.376962	0.629118	-1.58953	0.182061	0.484802	-2.0627	0.108014	0.408038	-2.45075	1.42804	5.90983	3.67859	1
cg01922450	DSCR3	0.313205	0.259156	0.606123	-1.64983	0.359494	0.669853	-1.49286	0.1574	0.5257	-1.90223	0.858703	1.07873	1.07873	0.0297846	0.337018	-2.9672	0.413188	0.700612	-1.42732	0.109219	0.475773	-2.10184	0.911244	0.953683	-1.04857	0.255615	0.603664	-1.65655	1.42801	4.09088	2.54644	1
cg04380939	PARN;PARN	0.313217	0.945261	1.04623	1.04623	0.937435	1.05302	1.05302	0.170146	0.382316	-2.61564	0.826521	0.865494	-1.15541	0.862348	0.892067	-1.12099	0.463374	0.611875	-1.63432	0.0188813	0.153885	-6.49835	0.350574	1.88198	1.88198	0.8552	1.12775	1.12775	1.42797	9.79549	6.09753	1
cg15822222	MORF4L1;MORF4L1	0.313226	0.417207	1.14971	1.14971	0.80822	0.959907	-1.04177	0.693067	1.06903	1.06903	0.688288	1.07021	1.07021	0.847585	1.03291	1.03291	0.587096	0.911864	-1.09665	0.104151	0.741595	-1.34845	0.179405	0.786656	-1.2712	0.0655424	1.41593	1.41593	1.42794	0.640334	0.398605	1
cg09467345	MYLK2;MYLK2	0.31323	0.162337	0.443698	-2.25379	0.136029	0.41684	-2.399	0.628375	0.766684	-1.30432	0.320274	0.571535	-1.74967	0.0767193	0.342189	-2.92236	0.159138	0.440568	-2.2698	0.106177	0.382452	-2.6147	0.0844735	0.353604	-2.82802	0.544209	0.715791	-1.39706	1.42793	6.71061	4.17735	1
cg11571942	PPP1R12C	0.313231	0.204845	0.551697	-1.81259	0.4815	0.727546	-1.37448	0.636524	1.23569	1.23569	0.389043	0.675405	-1.48059	0.0575411	0.384863	-2.59833	0.128097	0.481274	-2.07782	0.0641288	0.396569	-2.52163	0.987577	0.993102	-1.00695	0.554444	0.766574	-1.30451	1.42793	4.46985	2.78249	1
cg12656653	FRMD4A	0.313236	0.703813	1.05999	1.05999	0.821799	1.03501	1.03501	0.0905327	1.32903	1.32903	0.431246	1.13035	1.13035	0.201198	1.22861	1.22861	0.440223	1.12756	1.12756	0.0300094	1.47599	1.47599	0.394164	1.14239	1.14239	0.486695	0.897813	-1.11382	1.42792	0.526101	0.327502	1
cg02955548	FAM155A	0.31324	0.330519	0.666724	-1.49987	0.0621666	0.428386	-2.33434	0.0593779	0.423479	-2.36139	0.853645	0.928158	-1.0774	0.196262	0.575983	-1.73616	0.65569	0.834284	-1.19863	0.131626	0.518358	-1.92917	0.696394	1.17153	1.17153	0.335869	0.669892	-1.49278	1.4279	3.68615	2.29468	1
cg06441106	TUFT1;TUFT1	0.313243	0.235535	0.568498	-1.75902	0.0947499	0.43421	-2.30303	0.786169	0.883792	-1.13149	0.314165	0.623207	-1.6046	0.113867	0.457753	-2.18458	0.767215	0.873841	-1.14437	0.0567177	0.375387	-2.66392	0.0936563	0.432771	-2.31069	0.39119	0.670914	-1.49051	1.4279	4.66718	2.9054	1
cg10852222	HMGXB3;TIGD6;TIGD6	0.313245	0.908169	1.01578	1.01578	0.564325	0.923967	-1.08229	0.311445	0.867529	-1.1527	0.764042	1.0417	1.0417	0.0563495	1.34075	1.34075	0.426731	0.89572	-1.11642	0.122216	1.25521	1.25521	0.213581	1.1945	1.1945	0.96441	0.993963	-1.00607	1.42789	0.416451	0.259249	1
cg08920628	ZNF488	0.313246	0.669654	1.08999	1.08999	0.49918	1.14769	1.14769	0.33966	1.21848	1.21848	0.905953	1.02402	1.02402	0.0366838	1.62812	1.62812	0.839839	1.04147	1.04147	0.255204	0.78779	-1.26937	0.0830682	1.47008	1.47008	0.612418	1.10803	1.10803	1.42789	0.911797	0.567612	1
cg02279747	SRP54;SRP54	0.313255	0.525532	0.899855	-1.11129	0.402976	1.15072	1.15072	0.776208	1.04786	1.04786	0.838639	0.967107	-1.03401	0.920459	1.01652	1.01652	0.775868	1.04794	1.04794	0.0133826	0.60502	-1.65284	0.561032	0.908086	-1.10122	0.702784	1.0649	1.0649	1.42786	0.608472	0.378793	1
cg03181966	NCK2;NCK2;NCK2	0.31326	0.104068	0.377895	-2.64624	0.160377	2.27325	2.27325	0.361982	1.67044	1.67044	0.499588	1.45539	1.45539	0.092925	0.363402	-2.75177	0.894399	1.07543	1.07543	0.685221	0.799995	-1.25001	0.836869	0.893244	-1.11952	0.431753	0.64444	-1.55174	1.42785	6.7807	4.22124	1
cg27238655	LDB2;LDB2	0.31326	0.488911	1.94081	1.94081	0.0421611	9.09757	9.09757	0.0310685	10.8831	10.8831	0.918924	0.908433	-1.1008	0.923593	1.0947	1.0947	0.556091	1.75343	1.75343	0.291579	2.80724	2.80724	0.960374	1.04798	1.04798	0.846712	1.20027	1.20027	1.42785	20.1183	12.5244	1
cg12271223	GPR157	0.313266	0.0404561	3.57147	3.57147	0.936619	0.958123	-1.04371	0.237197	1.94663	1.94663	0.36194	0.604075	-1.65542	0.587937	0.745083	-1.34213	0.21129	2.03071	2.03071	0.33774	1.70163	1.70163	0.588568	1.34145	1.34145	0.220418	1.99972	1.99972	1.42783	6.54279	4.07318	1
cg19093680	CCDC42;CCDC42	0.313268	0.561856	0.894577	-1.11785	0.255684	1.2528	1.2528	0.956512	0.989696	-1.01041	0.753056	1.06178	1.06178	0.0548441	0.661251	-1.51229	0.0870958	0.69848	-1.43168	0.639795	1.09366	1.09366	0.919101	0.980888	-1.01948	0.416461	1.17086	1.17086	1.42783	0.81584	0.507899	1
cg21170978	ADAMTSL1	0.313272	0.411673	0.838158	-1.19309	0.468269	0.856235	-1.1679	0.0327971	0.591431	-1.69081	0.590074	1.12119	1.12119	0.699405	0.921637	-1.08503	0.913613	0.977435	-1.02309	0.226313	1.3063	1.3063	0.418698	0.84047	-1.18981	0.333325	1.23353	1.23353	1.42781	1.0003	0.622737	1
cg21211020	C8orf59;C8orf59;C8orf59;C8orf59	0.31328	0.760074	1.11631	1.11631	0.0493006	2.23903	2.23903	0.271185	1.50909	1.50909	0.216221	1.59599	1.59599	0.566819	1.23118	1.23118	0.196863	1.63254	1.63254	0.163637	0.586247	-1.70577	0.964916	0.984324	-1.01593	0.916712	1.03829	1.03829	1.42779	2.91811	1.81671	1
cg09315630	MOV10L1;MOV10L1;MOV10L1;MOV10 L1	0.313284	0.197773	0.389601	-2.56673	0.344408	1.96278	1.96278	0.188211	2.62608	2.62608	0.338149	1.98119	1.98119	0.230558	0.418566	-2.38911	0.230436	0.418461	-2.38971	0.540552	0.651163	-1.53571	0.218351	0.407983	-2.45108	0.698759	1.30901	1.30901	1.42778	10.842	6.74988	1
cg12203394	NUDC	0.313287	0.781532	1.04408	1.04408	0.746715	0.950958	-1.05157	0.964008	1.00703	1.00703	0.638832	0.929273	-1.07611	0.175415	1.25056	1.25056	0.145701	1.27429	1.27429	0.0439224	1.43234	1.43234	0.26713	0.835777	-1.19649	0.669953	1.06879	1.06879	1.42777	0.544483	0.33898	1
cg17076667	BAG3	0.313294	0.0668719	0.205037	-4.87717	0.719964	1.32006	1.32006	0.855416	1.15106	1.15106	0.232582	0.380776	-2.62622	0.27325	0.415002	-2.40963	0.365271	0.487957	-2.04936	0.0368772	0.15415	-6.48719	0.57912	0.649104	-1.54059	0.398925	0.513699	-1.94667	1.42775	13.453	8.37557	1
cg26075905	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.313297	0.870862	1.04075	1.04075	0.0495047	0.576835	-1.7336	0.127372	0.667167	-1.49888	0.486798	0.840756	-1.1894	0.462198	0.832157	-1.2017	0.292659	0.764904	-1.30735	0.322336	1.28527	1.28527	0.351788	0.790384	-1.26521	0.168119	0.697267	-1.43417	1.42774	1.36271	0.848404	1
cg13451556	PFDN4	0.313301	0.394399	0.490779	-2.03758	0.27421	0.395211	-2.53029	0.306622	0.421641	-2.37168	0.0263036	0.116483	-8.58496	0.372581	0.473827	-2.11048	0.803979	1.22496	1.22496	0.0688363	0.189853	-5.26724	0.525946	0.591937	-1.68937	0.399824	0.494978	-2.02029	1.42773	15.0541	9.37252	1
cg16678975	JARID2	0.313304	0.435924	1.49911	1.49911	0.0417683	3.30478	3.30478	0.211465	1.95528	1.95528	0.33412	1.661	1.661	0.183458	2.05213	2.05213	0.247366	1.85164	1.85164	0.0492164	3.13763	3.13763	0.390832	1.56496	1.56496	0.751697	1.17549	1.17549	1.42772	5.86681	3.65264	1
cg19086309	CALD1;CALD1;CALD1	0.313304	0.164196	0.369779	-2.70432	0.253869	2.22245	2.22245	0.724507	0.788857	-1.26766	0.481987	0.619414	-1.61443	0.155685	0.361269	-2.76802	0.868243	1.11771	1.11771	0.757793	1.23038	1.23038	0.437164	1.70104	1.70104	0.0648074	0.249079	-4.01479	1.42772	10.1577	6.32411	1
cg11818853	GRB2;GRB2	0.313305	0.389478	1.48665	1.48665	0.793852	1.12496	1.12496	0.0194835	3.55983	3.55983	0.113056	2.17158	2.17158	0.750265	0.866251	-1.1544	0.684424	0.832161	-1.20169	0.794794	0.889411	-1.12434	0.534819	1.3266	1.3266	0.68108	1.20419	1.20419	1.42772	4.57139	2.84613	1
cg21314106	FN1;FN1;FN1;FN1;FN1;FN1;FN1	0.313306	0.18721	0.770837	-1.29729	0.0690886	1.46042	1.46042	0.409936	1.16988	1.16988	0.536342	1.12366	1.12366	0.762441	1.05807	1.05807	0.732631	0.938146	-1.06593	0.828135	0.960327	-1.04131	0.255418	1.24741	1.24741	0.0971888	1.40345	1.40345	1.42771	0.783911	0.48806	1
cg22140446	TSSC4	0.313315	0.331082	0.583033	-1.71517	0.136213	0.421578	-2.37204	0.422985	0.643851	-1.55316	0.165719	0.451451	-2.21508	0.0446247	0.289264	-3.45705	0.213691	0.494404	-2.02264	0.129316	0.414078	-2.41501	0.115504	0.398318	-2.51056	0.346869	0.593857	-1.68391	1.42769	6.54429	4.07452	1
cg06383324	TMEM161A	0.313315	0.513712	0.867248	-1.15307	0.100312	0.678963	-1.47283	0.501113	1.15818	1.15818	0.948173	1.01408	1.01408	0.546633	0.877046	-1.14019	0.980244	1.00534	1.00534	0.0345458	1.69907	1.69907	0.926111	0.980249	-1.02015	0.608104	0.894732	-1.11765	1.42769	1.04579	0.651115	1
cg14441491	WBSCR28	0.313316	0.0982154	0.235837	-4.24022	0.214684	2.83034	2.83034	0.916788	1.0868	1.0868	0.302363	0.426981	-2.34202	0.105377	0.244338	-4.09269	0.319621	0.440795	-2.26863	0.176434	0.318333	-3.14137	0.396153	0.50052	-1.99792	0.379476	0.487668	-2.05058	1.42768	14.3449	8.93128	1
cg08066991	CADM1;CADM1	0.313319	0.791422	1.22065	1.22065	0.0384017	6.07748	6.07748	0.283018	2.31426	2.31426	0.938804	0.943879	-1.05946	0.341374	0.47831	-2.09069	0.894813	1.10463	1.10463	0.511581	0.606054	-1.65002	0.192238	0.354064	-2.82435	0.447173	1.79103	1.79103	1.42768	12.7945	7.966	1
cg06916552	CCRN4L	0.31332	0.639465	1.15419	1.15419	0.971823	1.01079	1.01079	0.832768	0.937757	-1.06637	0.123671	1.65995	1.65995	0.410517	1.29147	1.29147	0.692041	0.886038	-1.12862	0.0722288	0.543474	-1.84001	0.105573	1.71149	1.71149	0.686675	1.13116	1.13116	1.42767	2.08861	1.3004	1
cg15817969	DSCAML1	0.313324	0.418107	1.58178	1.58178	0.434356	1.55592	1.55592	0.736654	0.829402	-1.20569	0.0998567	2.71652	2.71652	0.582047	0.734865	-1.36079	0.45245	1.52838	1.52838	0.143254	2.39114	2.39114	0.112329	2.60664	2.60664	0.0757213	2.99087	2.99087	1.42766	6.94458	4.32382	1
cg22858861	ATP5A1;ATP5A1;HAUS1;HAUS1	0.313331	0.465037	0.901111	-1.10974	0.968446	0.994476	-1.00555	0.836456	1.02937	1.02937	0.0939576	0.772668	-1.29422	0.125139	0.79258	-1.2617	0.329088	0.868438	-1.15149	0.0868756	0.767359	-1.30317	0.263582	1.17728	1.17728	0.947158	1.00933	1.00933	1.42764	0.443442	0.276099	1
cg09321109	SLC9A3R2;SLC9A3R2	0.313335	0.895029	1.03794	1.03794	0.0635248	0.555137	-1.80136	0.164024	0.657759	-1.52031	0.262423	1.39045	1.39045	0.628756	1.14732	1.14732	0.211217	1.45002	1.45002	0.651147	1.13702	1.13702	0.71715	1.10808	1.10808	0.439663	0.800652	-1.24898	1.42763	1.79931	1.12031	1
cg12605564	H1FX;C3orf47	0.313337	0.923107	0.984532	-1.01571	0.393184	0.868283	-1.1517	0.617344	1.08474	1.08474	0.37019	1.1602	1.1602	0.0918325	1.34945	1.34945	0.175778	0.792587	-1.26169	0.827707	1.03582	1.03582	0.478814	0.890243	-1.12329	0.111282	0.755702	-1.32327	1.42762	0.589541	0.367069	1
cg13839391	CAMKK2;CAMKK2;CAMKK2;CAMKK2;CA MKK2;CAMKK2;CAMKK2	0.313345	0.831226	0.890921	-1.12243	0.0435941	3.50988	3.50988	0.104865	2.60935	2.60935	0.657273	1.27334	1.27334	0.789209	0.865022	-1.15604	0.170343	2.20386	2.20386	0.965726	0.977016	-1.02353	0.369383	0.607213	-1.64687	0.79977	0.871498	-1.14745	1.4276	6.6213	4.12272	1
cg19773185	FGFR1OP;FGFR1OP	0.313354	0.120604	0.817684	-1.22297	0.260773	0.869158	-1.15054	0.139629	1.20931	1.20931	0.754742	1.03818	1.03818	0.343223	0.889814	-1.12383	0.086634	0.797496	-1.25392	0.984498	1.00233	1.00233	0.658992	0.948287	-1.05453	0.398765	0.901866	-1.10881	1.42758	0.323193	0.201238	1
cg26400693	LRRC15;LRRC15	0.313355	0.649675	1.30233	1.30233	0.462897	1.53979	1.53979	0.545639	0.702372	-1.42375	0.151997	2.42664	2.42664	0.746101	1.20643	1.20643	0.484207	1.50782	1.50782	0.692782	0.795025	-1.25782	0.0229081	4.81749	4.81749	0.206725	2.15814	2.15814	1.42757	7.54458	4.69769	1
cg13692869	NME7;NME7;BLZF1;NME7;NME7	0.313361	0.659236	0.891694	-1.12146	0.141779	1.5039	1.5039	0.105593	1.57883	1.57883	0.743606	0.918713	-1.08848	0.725345	0.912913	-1.09539	0.985474	0.995308	-1.00471	0.860046	0.955436	-1.04664	0.104607	0.632409	-1.58126	0.216014	0.714385	-1.39981	1.42755	1.50863	0.93937	1
cg19400316	RERE;RERE	0.313361	0.070559	0.252962	-3.95317	0.463136	0.60173	-1.66188	0.715693	0.779744	-1.28247	0.652555	0.734737	-1.36103	0.0449251	0.20901	-4.78446	0.226798	0.421854	-2.37049	0.132391	0.331394	-3.01755	0.125796	0.324094	-3.08552	0.516737	0.63946	-1.56382	1.42755	10.4591	6.51252	1
cg09981841	EPN2;EPN2;EPN2	0.313362	0.21968	2.7609	2.7609	0.678941	1.38751	1.38751	0.357705	0.475085	-2.10489	0.121841	3.74177	3.74177	0.308298	2.29273	2.29273	0.831598	1.18242	1.18242	0.660687	1.41564	1.41564	0.05198	5.6957	5.6957	0.134271	3.563	3.563	1.42755	13.9985	8.71641	1
cg17865108	ALKBH5	0.313378	0.421234	0.882264	-1.13345	0.0835654	1.33908	1.33908	0.734415	0.94941	-1.05329	0.996546	1.00066	1.00066	0.334993	1.16367	1.16367	0.462492	0.892234	-1.12078	0.10372	1.31162	1.31162	0.129307	1.28386	1.28386	0.513075	1.10642	1.10642	1.42751	0.525487	0.327214	1
cg06974871	BSCL2	0.313384	0.309452	5.0219	5.0219	0.0619633	25.1487	25.1487	?	?	?	0.929408	1.14562	1.14562	?	?	?	0.896107	1.22195	1.22195	0.318817	4.85881	4.85881	0.066688	23.4448	23.4448	0.301359	5.17055	5.17055	1.42615	41.3566	33.1414	1
cg05296255	ZCCHC2	0.31339	0.98678	0.997957	-1.00205	0.189399	1.18718	1.18718	0.259982	1.15607	1.15607	0.568729	0.931373	-1.07368	0.9413	0.990952	-1.00913	0.311892	1.13783	1.13783	0.0620775	0.771615	-1.29598	0.726331	1.04433	1.04433	0.187167	1.18833	1.18833	1.42747	0.344396	0.214456	1
cg06318478	STK32C	0.313397	0.536522	0.746473	-1.33963	0.465204	1.41514	1.41514	0.227932	1.80624	1.80624	0.91479	1.05127	1.05127	0.236179	0.559952	-1.78587	0.171515	0.506579	-1.97403	0.0591545	0.369585	-2.70574	0.27952	0.591425	-1.69083	0.881884	0.932899	-1.07193	1.42745	4.93415	3.07255	1
cg07678643	C1orf212;C1orf212;C1orf212;C1orf212	0.313399	0.59313	0.883475	-1.13189	0.794043	1.06194	1.06194	0.688114	1.09713	1.09713	0.134568	0.690307	-1.44863	0.988784	0.996776	-1.00323	0.0472432	1.6846	1.6846	0.477136	0.847003	-1.18063	0.269221	0.767726	-1.30255	0.400881	1.21839	1.21839	1.42745	1.19303	0.742914	1
cg22249932	ALOX15	0.313399	0.56088	0.740193	-1.351	0.116298	2.3945	2.3945	0.0436587	3.27591	3.27591	0.418449	0.655076	-1.52654	0.386794	1.57441	1.57441	0.978674	1.01377	1.01377	0.622422	0.77574	-1.28909	0.283863	1.7676	1.7676	0.441675	1.49389	1.49389	1.42744	5.91773	3.68505	1
cg15063695	GK2	0.3134	0.720537	1.12628	1.12628	0.422974	0.762661	-1.3112	0.121667	0.573802	-1.74276	0.839669	0.935137	-1.06936	0.284679	0.692181	-1.44471	0.95227	1.02001	1.02001	0.227952	1.52037	1.52037	0.104697	0.555956	-1.7987	0.112793	0.564714	-1.77081	1.42744	2.47766	1.54287	1
cg22156899	SECTM1	0.313401	0.735942	0.856599	-1.16741	0.876802	1.07352	1.07352	0.250155	0.577204	-1.73249	0.415728	1.46288	1.46288	0.0475985	0.354842	-2.81816	0.265983	0.58857	-1.69903	0.704012	0.839835	-1.19071	0.070053	0.396046	-2.52496	0.880953	1.07093	1.07093	1.42744	4.72787	2.94412	1
cg08689940	RANBP6;RANBP6;RANBP6	0.313405	0.478815	0.857467	-1.16623	0.665899	0.911395	-1.09722	0.418355	1.19317	1.19317	0.64854	0.906643	-1.10297	0.839578	0.957634	-1.04424	0.0777764	1.51988	1.51988	0.52737	0.872174	-1.14656	0.432067	1.18678	1.18678	0.0508232	1.60831	1.60831	1.42743	1.0312	0.642147	1
cg23951927	ISCU;ISCU;SART3	0.313407	0.524027	1.12184	1.12184	0.165321	0.768363	-1.30147	0.24075	0.803582	-1.24443	0.405037	0.859253	-1.1638	0.220272	0.794948	-1.25794	0.176951	0.774499	-1.29116	0.0523672	0.675132	-1.48119	0.736287	1.06203	1.06203	0.707709	1.06936	1.06936	1.42742	0.716718	0.446317	1
cg07865391	BANP;BANP	0.313408	0.564595	0.641413	-1.55906	0.289571	2.31241	2.31241	0.0564283	5.19225	5.19225	0.765461	0.796009	-1.25627	0.126533	0.283527	-3.52701	0.303949	0.444001	-2.25225	0.835615	1.1717	1.1717	0.421127	1.87147	1.87147	0.921026	1.07856	1.07856	1.42742	13.1472	8.18707	1
cg02753865	CCT6A;PSPH;CCT6A;PSPH	0.313423	0.0798311	0.827583	-1.20834	0.823545	0.978491	-1.02198	0.489918	1.07067	1.07067	0.342427	1.09991	1.09991	0.130188	0.852876	-1.1725	0.8179	0.977796	-1.02271	0.166823	1.15431	1.15431	0.516291	0.937936	-1.06617	0.583065	1.05545	1.05545	1.42738	0.214277	0.133439	1
cg04402486	RAP2C	0.313423	0.106675	0.10239	-9.76661	0.67657	1.72075	1.72075	0.791699	0.710028	-1.4084	0.158057	7.04684	7.04684	0.172494	6.5439	6.5439	0.11636	0.109964	-9.09388	0.708588	0.615239	-1.62538	0.795133	1.40025	1.40025	0.865592	0.803183	-1.24505	1.42737	37.8396	23.5644	1
cg10862603	SLC24A6	0.313431	0.122839	1.57084	1.57084	0.671762	0.891244	-1.12203	0.800393	1.07084	1.07084	0.276315	1.35784	1.35784	0.273246	1.36072	1.36072	0.0353245	1.93885	1.93885	0.355254	0.773451	-1.29291	0.944038	1.01915	1.01915	0.761932	1.08554	1.08554	1.42735	1.64967	1.02734	1
cg02441467	ZNF511;TUBGCP2	0.313431	0.353749	1.53018	1.53018	0.880495	0.935127	-1.06937	0.163504	0.515302	-1.94061	0.932827	1.0383	1.0383	0.0594241	0.387261	-2.58224	0.291192	0.613654	-1.62958	0.25587	0.589311	-1.6969	0.34509	1.54273	1.54273	0.584832	1.27886	1.27886	1.42735	4.49345	2.79831	1
cg01045835	HAPLN1	0.313433	0.418864	1.63917	1.63917	0.0385312	0.23835	-4.1955	0.542311	0.691416	-1.44631	0.763583	1.19778	1.19778	0.486177	0.654853	-1.52706	0.749146	1.2116	1.2116	0.238162	0.477489	-2.09429	0.47539	1.54378	1.54378	0.250174	2.05225	2.05225	1.42735	8.09151	5.03904	1
cg03586029	MFSD8;C4orf29	0.313436	0.0213642	0.438929	-2.27827	0.601825	1.16464	1.16464	0.651041	0.87653	-1.14086	0.120428	0.610673	-1.63754	0.600947	0.858309	-1.16508	0.873286	0.954897	-1.04723	0.652808	0.877165	-1.14004	0.645867	0.874665	-1.1433	0.184443	0.663162	-1.50793	1.4678	1.90235	1.00804	1
cg23257859	MIR550-2	0.313436	0.0577774	0.449491	-2.22474	0.938499	0.971647	-1.02918	0.455308	0.753182	-1.3277	0.830614	0.923255	-1.08312	0.0789579	0.483302	-2.0691	0.278852	0.657251	-1.52149	0.275124	0.654934	-1.52687	0.989493	0.995104	-1.00492	0.0656437	0.462989	-2.15988	1.42734	3.14084	1.95599	1
cg25619303	BCOR;BCOR	0.313438	0.191006	0.748643	-1.33575	0.0923866	0.678903	-1.47297	0.839618	0.958516	-1.04328	0.186764	1.33992	1.33992	0.964862	0.990831	-1.00925	0.53157	0.875903	-1.14168	0.769064	0.940298	-1.06349	0.116256	0.699848	-1.42888	0.159387	0.730216	-1.36946	1.42733	0.988271	0.615458	1
cg04389897	TFAP2A;TFAP2A;TFAP2A	0.313439	0.212471	0.411597	-2.42956	0.202359	0.402575	-2.48401	0.405375	0.56244	-1.77797	0.169312	2.69067	2.69067	0.379281	0.543498	-1.83993	0.487291	0.620598	-1.61135	0.374695	0.54014	-1.85137	0.198706	2.50457	2.50457	0.231384	0.42802	-2.33634	1.42733	10.3299	6.43308	1
cg05314271	INTS9;HMBOX1;INTS9;HMBOX1;INTS9;I NTS9;INTS9	0.31344	0.386877	1.21615	1.21615	0.572865	1.13394	1.13394	0.15146	1.40368	1.40368	0.742579	1.07542	1.07542	0.154855	1.39922	1.39922	0.536911	1.14792	1.14792	0.0605404	0.626941	-1.59505	0.549327	0.87488	-1.14301	0.563277	1.1376	1.1376	1.42733	1.10038	0.685276	1
cg00495036	ACVR1	0.313445	0.493453	0.71073	-1.407	0.834363	1.10828	1.10828	0.182043	2.00459	2.00459	0.796609	1.1352	1.1352	0.235984	0.543497	-1.83994	0.806063	0.886238	-1.12836	0.0592135	0.351414	-2.84565	0.431621	0.674304	-1.48301	0.12165	0.438735	-2.27928	1.42731	5.44927	3.39365	1
cg27143142	SYT1;SYT1;SYT1	0.313449	0.8867	1.06783	1.06783	0.505297	0.732582	-1.36503	0.33462	0.632498	-1.58103	0.0517635	2.77041	2.77041	0.427819	1.45161	1.45161	0.388114	1.5026	1.5026	0.15962	1.99732	1.99732	0.474011	1.39822	1.39822	0.151052	2.03061	2.03061	1.4273	4.79047	2.98339	1
cg11276600	HDAC2	0.313449	0.0539273	0.311105	-3.21435	0.902733	1.06742	1.06742	0.65754	0.788139	-1.26881	0.892745	1.07464	1.07464	0.264365	0.537519	-1.8604	0.361397	0.606135	-1.6498	0.0387279	0.278775	-3.58712	0.712652	0.820865	-1.21823	0.197866	0.48371	-2.06735	1.4273	6.4369	4.00875	1
cg07840186	PDC;PDC;MIR548F1	0.313454	0.119877	1.44332	1.44332	0.214982	0.752876	-1.32824	0.953337	1.01281	1.01281	0.0472651	1.63828	1.63828	0.37454	1.21922	1.21922	0.875919	0.96659	-1.03457	0.913023	1.02405	1.02405	0.440853	0.842881	-1.18641	0.840617	0.957156	-1.04476	1.42729	1.06904	0.665781	1
cg05595691	MRPL44	0.313455	0.708656	1.04963	1.04963	0.691804	1.05276	1.05276	0.241957	0.853811	-1.17122	0.124715	1.23923	1.23923	0.505571	1.09109	1.09109	0.489903	1.09473	1.09473	0.0741145	0.773495	-1.29283	0.310906	0.873456	-1.14488	0.593422	1.07202	1.07202	1.42728	0.376446	0.234444	1
cg09660894	TRIO	0.313457	0.269193	0.361926	-2.763	0.924186	0.91937	-1.0877	0.509199	1.80653	1.80653	0.374114	0.446743	-2.23843	0.222283	0.322112	-3.10451	0.22291	0.322657	-3.09927	0.0437666	0.129114	-7.74509	0.130971	0.236856	-4.22197	0.207693	0.309323	-3.23287	1.42728	17.6333	10.9818	1

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg08244262	MX1;MX1	0.313458	0.138722	0.313346	-1.19136	0.880583	1.11567	1.11567	0.174334	0.349198	-2.86371	0.117045	2.389478	-3.45449	0.216203	2.57949	2.57949	0.152676	0.32772	-3.05139	0.931745	1.06436	1.06436	0.2865093	0.901844	1.0494	1.42728	11.9838	7.46337	1
cg07645228	GTF2IRD1;GTF2IRD1	0.313459	0.868421	1.05748	1.05748	0.220062	1.96784	1.96784	0.327809	1.711474	-1.40553	0.743904	1.11684	1.11684	0.717655	0.884792	-1.13021	0.448013	1.29778	1.29778	0.141445	0.58684	-1.70404	0.97571	1.01032	1.01032	0.139628	0.585192	-1.70884	1.42727	2.56841	1.59958	1
cg01499591	DENND2A	0.313461	0.720222	1.17095	1.17095	0.858037	1.08174	1.08174	0.644668	1.22603	1.22603	0.382311	1.48166	1.48166	0.0463599	0.367377	-2.722	0.664789	1.20934	1.20934	0.919234	0.956469	-1.04551	0.302145	1.59851	1.59851	0.103768	0.458113	-2.18287	1.42727	4.35268	2.71081	1
cg07783796	ANKRD20B DTNB;DTNB;DTNB;DTNB;DTNB;DTNB;D	0.313462	0.0197237	0.0480242	-20.8228	0.789007	-3.19511	-3.31511	0.838726	1.24569	1.24569	0.537616	1.95985	1.95985	0.954726	1.0631	1.0631	0.641782	1.65717	1.65717	0.311241	1.03585	1.03585	0.317539	0.823283	-3.04599	0.569871	0.538428	-1.85726	1.42726	26.2703	16.361	1
cg09850442	TNB;DTNB;DTNB;DTNB	0.313468	0.477628	0.882483	-1.13317	0.6616297	0.694539	-1.4398	0.578793	0.907466	-1.10197	0.181789	0.782378	-1.27815	0.0285395	0.712954	-1.40262	0.550071	1.10138	1.10138	0.802738	0.964817	-1.03647	0.381681	1.16807	1.16807	1.42724	0.677702	0.422074	1
cg04499214	PRDM16;PRDM16	0.313474	0.0535944	0.652368	-1.53288	0.1936696	1.30734	1.30734	0.281944	1.24346	1.24346	0.883772	1.02892	1.02892	0.266796	1.25289	1.25289	0.312555	1.22577	1.22577	0.526791	1.13311	1.13311	0.533378	0.884324	-1.13081	0.6703381	1.08701	1.08701	1.42723	0.8583874	0.534602	1
cg25071880	NDUFS6	0.313476	0.904496	1.05934	1.05934	0.0095544	0.948238	1.87168	0.5168356	0.8302	1.23426	0.705888	0.885267	1.11296	0.618857	1.17492	1.17492	0.594298	0.841307	-1.18863	0.775045	0.912013	-1.09648	0.523594	0.812349	-1.23094	0.629287	0.855259	-1.16924	1.42722	2.33547	1.45455	1
cg09938563	MCF2L;MCF2L	0.313477	0.718672	0.761763	-1.31274	0.0472127	0.518336	0.518336	0.147026	1.323353	1.323353	0.308424	2.21003	2.21003	0.266465	0.418551	-2.38919	0.804992	0.832008	-1.20452	0.822525	0.847555	-1.17986	0.535816	0.623975	-1.60263	0.556862	0.63955	-1.56357	1.42722	12.7906	7.96612	1
cg15121420	RAB17	0.31348	0.424579	1.28919	1.28919	0.574433	1.19331	1.19331	0.0863057	1.80446	1.80446	0.2362	1.47201	1.47201	0.633904	0.861187	-1.16119	0.717375	0.892947	-1.11989	0.103226	0.57398	-1.74222	0.353912	0.742978	-1.34594	0.515374	1.22809	1.22809	1.42721	2.19312	1.36591	1
cg02831177	ITIH4;ITIH4	0.313486	0.4046684	1.27912	1.27912	0.62665	1.8564553	1.85645	0.0138885	2.1004	2.1004	0.0133	1.54651	1.54651	0.0138885	0.647274	-1.54529	0.6779	0.9075	1.1034	0.389657	1.37386	1.37386	0.873275	0.9149	1.04721	0.515551	0.824572	-1.21275	0.442719	1.88798	1.17581	1
cg25791744	CITED2;CITED2;CITED2 PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PG	0.313488	0.0321322	0.480004	-2.45096	0.180771	1.66081	1.66081	0.268593	1.50916	1.50916	0.856007	0.937183	-1.07603	0.629082	1.18986	1.18986	0.524243	0.794135	-1.25923	0.598288	1.20912	1.20912	0.662126	0.854662	-1.17005	0.801949	0.914145	-1.09392	1.42719	2.88353	1.79594	1
cg01156876	AP2;PGAP2;PGAP2	0.3149	0.983933	1.00637	1.00637	0.948355	1.02065	1.02065	0.548487	0.825641	-1.21118	0.365797	1.34073	1.34073	0.0350198	2.17087	2.17087	0.435378	0.777919	-1.28548	0.0830244	1.83244	1.83244	0.824566	0.932338	-1.07257	0.980559	0.99234	-1.00772	1.42718	2.25081	1.40187	1
cg20495206	RHEB	0.313494	0.13825	0.877182	-1.14001	0.208291	1.11508	1.11508	0.756997	0.974838	-1.02581	0.520391	1.05495	1.05495	0.914644	0.993988	-1.00605	0.429633	0.935946	-1.06844	0.647233	0.843374	-1.18571	0.847506	0.984317	-1.01593	0.28212	1.09607	1.09607	1.42717	0.15238	0.0949075	1
cg20706536	KIAA1147	0.313497	0.2355506	0.92111	1.92111	0.642092	2.97974	2.97974	0.632902	1.28752	1.28752	0.146223	2.58252	2.58252	0.0370993	-1.56963	0.349833	1.38932	1.38932	0.2914521	1.76612	1.76612	0.277139	1.47136	1.47136	0.0667053	0.983327	-1.01696	1.42716	2.63872	1.6435	1
cg14059729	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.313504	0.394477	1.16149	1.16149	0.586861	1.09875	1.09875	0.85534	1.03182	1.03182	0.823918	1.03899	1.03899	0.699765	1.06877	1.06877	0.480436	1.13101	1.13101	0.025452	0.63393	-1.57746	0.320204	1.1928	1.1928	0.344339	0.846041	-1.18198	1.42714	0.6658892	0.4174748	1
cg08836662	MOGAT3	0.313513	0.90315	0.969017	-1.03197	0.3313277	1.86453	1.86453	0.160412	0.90419	0.974572	-1.0084	1.284167	1.284167	0.750318	1.23915	1.23915	0.86383	1.0455359	1.0455359	0.939	0.960312	-1.04139	0.818677	0.944359	-1.06117	0.806332	1.00557	1.00557	1.42712	1.51086	0.941049	1
cg15742468	AKAP12	0.313513	0.39819	1.27656	1.27656	0.447374	0.8036562	1.24432	0.0240141	0.516131	-1.93749	0.56836	0.849801	-1.17675	0.989085	0.996118	-1.0039	0.742622	1.09748	1.09748	0.117429	0.616068	0.614007	0.42017	0.115436	0.514632	1.20505	1.20505	1.42711	1.80088	1.12169	1
cg08145262	FBS2;FBS2	0.313518	0.3100002	0.5117792	-1.95376	0.0782101	1.257134	1.257134	0.0436983	1.6001755	1.6001755	0.556818	1.78592	1.78592	0.0209757	2.32298	2.32298	0.2324989	0.8562419	0.8562419	0.0798003	0.945158	-1.05774	0.672423	-1.48716	0.799003	1.12518	1.12518	1.42711	1.9106	1.52353	1
cg26216293	RHBG;RHBG	0.313521	0.0397413	0.364343	-2.74467	0.170127	1.85972	1.85972	0.688879	0.842903	-1.18638	0.219673	0.578065	-1.72991	0.358372	0.6696068	1.49341	0.385009	0.68509	-1.45966	0.3013361	0.635908	-1.57256	0.411339	0.6999969	-1.42864	0.94618	0.97174	-1.02908	1.42709	4.07558	2.53855	1
cg17901924	PCNXL2	0.313524	0.627458	0.774153	-1.29173	0.126854	2.37334	2.37334	0.111138	2.4804	2.4804	0.88876	0.929363	-1.07601	0.877985	1.08374	1.08374	0.155002	2.2419	2.2419	0.166742	0.465081	-2.15016	0.99727	0.870638	-1.14858	0.495055	0.695836	-1.43712	1.42708	6.19243	3.85708	1
cg05380038	AP4E1	0.313524	0.6368227	1.11209	1.11209	0.788339	0.925573	-1.08041	0.554458	1.02601	1.02601	0.79062	0.863727	-1.16093	0.0912264	1.64662	1.64662	0.535542	1.9202	1.9202	0.117425	0.43418	-2.30385	0.115224	0.54892	-1.82205	0.0940037	0.381648	-2.62022	1.42708	6.18549	3.85276	1
cg09333631	KIF15;KIAA1143	0.31533	0.262922	2.24238	2.24238	2.89174	1.0988	1.0988	0.636715	0.71953	-1.3898	0.380233	0.536467	-1.86405	0.0658492	0.23979	-4.17032	0.656041	0.733337	-1.36363	0.13106	0.303241	-3.29771	0.867318	1.12264	1.12264	0.248216	2.30521	2.30521	1.42707	10.8192	6.73904	1
cg04255594	HIST2H2BM;HIST1H2AJ	0.313533	0.359032	1.260129	1.260129	0.533666	2.54726	2.54726	0.100857	0.39885	0.39885	0.0107	2.61611	2.61611	0.515526	0.38211	-2.61755	0.659766	1.8796	1.8796	0.153854	0.441569	-2.42973	0.400596	0.2324	2.7624	0.0483625	24.8413	24.8413	1.42706	45.4044	28.5531	1
cg26389756	FAT4	0.313532	0.23948	0.682715	-1.46474	0.419553	1.29132	1.29132	0.0169679	2.46497	2.46497	0.952222	0.981605	-1.01874	0.0268568	0.859159	-1.16393	0.578802	1.18977	1.18977	0.740346	1.10855	1.10855	0.978309	0.20857	1.00857	0.885774	1.04555	1.04555	1.42706	2.17001	1.35166	1
cg23887129	FBXO46	0.313535	0.540011	0.830907	-1.2035	0.9936	1.29812	1.29812	0.972038	1.01052	1.01052	0.186912	0.658563	-1.51846	0.736601	1.10605	1.10605	0.625304	0.863337	-1.1583	0.0131122	0.470372	-2.12598	0.136227	0.619181	-1.61504	0.934091	1.02466	1.02466	1.42705	2.01489	1.25504	1
cg25929731	ABTB1;ABTB1;ABTB1	0.313537	0.758152	0.816916	-1.2241	0.6940768	1.80453	1.80453	0.0865102	2.62221	2.62221	0.1587	1.1587	0.469733	0.7784944	1.28467	1.28467	1.804	0.428224	1.08503	0.685168	0.824942	-1.45242	0.379427	0.554134	-1.80462	0.226868	0.468906	-2.13262	1.42705	1.51086	0.83453	1
cg02894224	KCNRG;KCNRG;DLEU2	0.313543	0.63829	1.21206	1.21206	0.712816	0.860577	-1.16202	0.0382974	0.377158	-2.66141	0.954251	1.02358	1.02358	0.914624	1.22552	1.22552	0.760352	1.13231	1.13231	0.133716	1.92891	1.92891	0.202636	1.72691	1.72691	0.680413	1.18321	1.18321	1.42703	1.7286	2.32253	1
cg00901138	CHN2	0.313547	0.0499217	0.5713362	-1.75016	0.2782101	1.25734	1.25734	0.154553	1.35554	1.35554	0.746203	1.78634	1.78634	0.2717	0.8868315	-1.12753	0.7165025	1.0955	1.0955	0.5558318	1.0000001	1.0000001	0.2757095	1.0000001	1.0000001	0.2757095	1.18068	1.17593	1.42702	1.3849666	0.9231331	0.7396	1
cg07704585	ZNF212	0.313553	0.750051	0.958268	-1.04355	0.244799	1.17618	1.17618	0.53613	0.919838	-1.08715	0.18306	0.828264	-1.20734	0.346811	1.13793	1.13793	0.406697	1.11986	1.11986	0.233453	0.846525	-1.1813	0.162461	0.819636	-1.22005	0.170101	0.822934	-1.21516	1.427	3.402025	0.250425	1
cg18101474	ZNF449;ZNF75D	0.313558	0.156525	0.3129966	-3.19524	0.307412	2.24756	2.24756	0.997876	1.00204	1.00204	0.883782	4.33501	4.33501	0.843714	0.859597	-1.16334	0.8833278	0.230074	-4.34642	0.895337	0.904038	-1.10615	0.784225	0.810275	-1.23415	0.782301	0.80871	-1.23654	1.42699	13.2778	8.27091	1
cg01368919	CR1;SCN4A	0.313557	0.3781497	1.2693	1.2693	0.5703516	1.83603	1.83603	0.144618	0.830016	0.830016	0.12454	0.665105	1.50262	0.0270092	3.022236	3.022236	0.2709092	1.028587	1.028587	0.9700922	1.028587	1.028587	0.9700922	1.028587	1.028587	0.9700922	1.13096	1.11136	1.42695	0.408647	0.2545858	1
cg01364862	SCHIP1	0.313573	0.159624	0.353733	-2.82609	0.861408	1.12844	1.12844	0.858139	1.13171	1.13171	0.170766	0.364706	-2.74193	0.0508373	0.214708	-4.65749	0.131083	0.321897	-3.0874	0.181219	0.374716	-2.66867	0.430554	0.573281	-1.74435	0.218577	0.408659	-2.44703	1.42694	10.8073	6.73225	1
cg09312887	ARHGEF3;RRBP1;RREB1;RREB1;RREB1	0.313574	0.393863	1.25874	1.25874	0.5554468	1.38582	1.38582	0.775466	0.87895	0.87895	0.474173	0.545402	-1.83354	0.0158858	0.816276	-1.22486	0.0180824	1.21319	1.21319	0.682123	0.5540193	1.14565	0.0973825	0.0880851	1.14565	0.0973825	0.0880851	1.14565	0.0973825	0.0880851

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg11780631	DOCK1	0.313934	0.993645	1.03545	0.100145	1.169247	0.30563	1.30563	0.02244601	1.62929	1.62929	0.789818	1.0499	1.0499	0.361095	1.84285	1.84285	-1.18645	0.858782	0.990632	-1.00946	0.753707	0.944294	-1.05899	0.8249496	-1.01934	0.5113984	0.886455	-1.12809	1.4259	0.748004	0.466857	1
cg09207137	SMS	0.313934	0.117974	0.0653581	-15.3003	0.84944	0.808712	-1.23653	0.978324	1.04463	1.04463	0.228622	0.67138	1.67138	0.272671	6.26292	6.26292		0.183663	1.033653	9.64753	0.09847727	0.0543747	-18.3909	0.80433	1.49017	1.49017	0.934873	1.14034	1.14034	1.4259	58.3151	36.353	1
cg07929763	ZNF514	0.313944	0.411551	0.772146	-1.29509	0.435742	0.782796	-1.27747	0.550514	1.20444	1.20444	0.306692	0.721877	-1.38528	0.0862223	0.557792	-1.79278		0.733156	0.899975	-1.11114	0.099558	1.74353	1.74353	0.593242	1.18062	1.18062	0.3742119	1.32431	1.32431	1.42587	2.14175	1.33517	1
cg21532120	GPD2;GPD2	0.313945	0.863676	0.949796	-1.05286	0.413144	0.778249	-1.28501	0.626915	0.863453	-1.15814	0.6109957	1.16208	1.16208	0.681215	0.883559	-1.13179		0.3228526	1.35807	1.35807	0.305381	0.727528	-1.37452	0.0312353	2.13151	2.13151	0.2990904	1.38067	1.38067	1.42587	2.03868	1.26468	1
cg21312929	EYA1;EYA1;EYA1;EYA1	0.313947	0.621009	0.824199	-1.2133	0.539345	0.785777	-1.27263	0.187651	1.71891	1.71891	0.157884	0.572174	-1.74772	0.119016	0.518726	-1.9278		0.0583938	0.436092	-2.29309	0.739298	0.896285	-1.11572	0.824115	0.917268	-1.09019	0.342517	0.68428	-1.46139	1.42586	3.39862	2.11871	1
cg06922635	AB1/LARL9	0.313947	0.0651351	1.81752	0.132752	2.405262	2.96393	2.96393	0.705072	1.62447	1.62447	0.657694	15.4632	15.4632	0.887281	1.83446	-1.19838		0.7702015	0.688154	-1.45316	0.684173	0.559431	-1.68512	0.370445	0.3090269	-3.23343	0.2744421	0.426761	1.42586	36.767	22.3207	1
cg09950716	ATAD2	0.313952	0.101953	0.708119	-1.41219	0.587924	0.899894	-1.11124	0.480491	1.14829	1.14829	0.0359954	0.6248919	-1.60046	0.506658	0.878183	-1.13872		0.489835	1.14482	1.14482	0.29588	0.8114408	-1.23243	0.347558	0.829878	-1.205	0.752622	0.940858	-1.06286	1.42585	0.8394452	0.523323	1
cg21808048	MRPS27	0.313954	0.208019	0.771207	-1.29657	0.382369	0.802813	-1.24562	0.1991059	0.762729	0.762729	0.1311028	0.8183701	-1.22145	0.137632	0.724469	-1.38052		0.421804	0.851677	-1.17415	0.1257914	1.38256	1.38256	0.647486	1.09426	1.09426	0.958942	1.01012	1.01012	1.42584	0.8644428	0.538896	1
cg08228672	GIC2;GIC2	0.313957	0.8496605	1.07214	1.072414	0.618748	0.831871	-1.20211	0.2317869	0.631167	-1.58437	0.392222	1.37938	1.37938	0.072508	1.01273	1.01273		0.784819	1.10564	1.10564	0.1006385	1.98189	1.98189	0.12733	1.83127	1.83127	0.0907265	1.95208	1.95208	1.42583	3.040044	1.389546	1
cg04144333	PITRM1	0.31396	0.514044	1.37083	1.37083	0.6605362	0.364692	-2.74204	0.115033	0.441851	-2.26321	0.80932	1.12213	1.12213	0.215853	0.537491	-1.8605		0.267446	0.57658	-1.73437	0.362114	0.639873	-1.56281	0.6104494	1.27743	1.27743	0.239316	0.555803	-1.7992	1.42582	5.13028	3.19833	1
cg02397124	SLC39A7;SLC39A7;RXRB;RXRB	0.313963	0.0778036	1.24221	1.242209	0.5597911	0.10438	1.05808	0.4637593	1.048761	0.979064	1.02135	0.832143	1.03103	0.144053	1.83402	1.83402		0.12651	1.83283	1.83283	0.0722702	1.8726069	1.8826555	0.113295	1.99121	1.99121	0.1000512	0.6178337	1.05724	1.05724	1.42582	0.276504	0.1724111	1
cg09829176	PPARA;PPARA	0.313963	0.400015	0.635734	-1.57298	0.0316838	0.265986	-3.75959	0.0388439	0.28433	-3.51704	0.837161	0.8974443	-1.15408	0.2739147	0.523639	-1.90971		0.621477	0.769751	-1.29912	0.392706	0.631043	-1.58468	0.798861	0.874364	-1.14369	0.60476	0.759933	-1.31591	1.42582	6.2428	3.89191	1
cg02039188	MATN2;MATN2	0.313964	0.563648	0.6975096	-1.52069	0.8134513	1.18499	1.18499	0.25046	1.29435	1.29435	0.958841	1.03775	1.03775	0.0184554	0.132316	-2.79315		0.743602	0.790244	1.06225	0.328507	0.4884734	-2.06299	0.482926	0.545144	-1.83438	0.125353	0.3038892	-3.29064	1.42581	11.5421	7.259	1
cg06360298	CLCN5;CLCN5	0.313965	0.221549	0.414004	1.41004	0.9857373	-1.01443	0.642383	0.405140	-1.05108	0.6110392	0.8973443	-1.147	0.104767	0.622428	-1.92661			0.0456759	1.84547	1.84547	0.550027	1.17554	1.17554	0.939951	0.980054	-1.02035	0.653474	0.8866166	-1.12846	1.42581	1.61498	1.00682	1
cg23102197	TRIM49	0.313966	0.259039	0.746816	-1.33902	0.417332	0.814246	-1.22813	0.683073	0.9024	-1.10816	0.533227	0.8956167	0.1197254	0.0755376	0.523981	-1.90846		0.476113	1.19679	1.19679	0.579836	1.147871	1.14871	0.643798	1.12237	1.12237	0.1915594	0.709813	-1.40882	1.42581	1.38799	0.865311	1
cg24139520	EXTL1	0.313974	0.209489	2.9539	2.9539	0.845457	0.875957	-1.14161	0.8882313	1.014599	1.014599	0.4081027	1.34511	1.34511	0.0188004	0.656848	-1.57902		0.5018208	1.83865	1.83865	0.657639	0.636309	-1.57156	0.593477	1.17024	1.17024	0.91563	0.8087513	-1.11265	1.42578	2.29133	1.44285	1
cg19874777	SEMA3B;SEMA3B	0.313977	0.411635	0.896318	-1.11567	0.693373	0.105303	1.05303	0.793306	1.03483	1.03483	0.4604048	1.11776	1.11776	0.850158	0.975642	-1.02497		0.16198	1.21494	1.21494	0.113378	1.25187	1.25187	0.123563	0.804536	-1.24295	0.287204	0.865811	-1.15499	1.42578	0.3838808	0.239338	1
cg17409891	CPAMD8	0.313979	0.0336791	0.525109	-1.90437	0.797305	1.06912	1.06912	0.821951	1.06007	1.06007	0.216987	0.71142	-1.40556	0.968122	0.889677	-1.01093		0.2546409	0.734165	-1.36209	0.464317	0.8244156	-1.21336	0.741561	1.08974	1.08974	0.235996	1.38053	1.38053	1.42577	1.5226	0.949255	1
cg07721618	PLA2G4D	0.313982	0.157313	0.682893	-1.46446	0.5655	0.151826	1.15826	0.1586205	0.5943349	1.46584	0.4675974	1.44532	1.44532	0.630483	0.8108004	-1.23348		0.9233328	0.976013	-1.02458	0.155939	0.6845443	-1.46083	0.378311	1.25606	1.25606	0.410381	1.263615	1.263615	1.42576	0.1459039	0.395515	1
cg04441667	BLK	0.313992	0.544591	0.919235	-1.08786	0.356491	1.1391	1.1391	0.474805	0.905008	-1.10496	0.770516	0.960628	-1.04099	0.592409	1.07703	1.07703		0.693335	1.05594	1.05594	0.0182915	1.48186	1.48186	0.443498	0.898263	-1.11326	0.996437	0.999387	-1.00061	1.42573	0.4258451	0.265501	1
cg03188198	ND1;CLDND1;CLDND1	0.313992	0.593014	0.795085	-1.25659	0.102342	2.13155	2.13155	0.0574379	2.48375	2.48375	0.607826	0.803211	-1.245	0.0708256	1.64691	1.64691		0.26552	1.63432	1.63432	0.1390464	0.6731552	-1.48591	0.793063	1.11897	1.11897	0.14273	0.40715	2.52324	1
cg03780271	TAPBP;TAPBP;TAPBP	0.314	0.226124	1.08585	1.085853	0.7134415	0.140454	1.14843	0.587391	1.02032	1.02032	0.64518	0.6988883	1.43055	0.1614104	1.66568	1.66568	1.122337	0.4945521	1.98355	1.98355	0.1470653	0.2173	1.98355	1.42576	1.57864	0.547879	0.820952	-1.2181	1.42571	1.76376	1.48184	1
cg14531093	ANKRD9	0.314008	0.830194	1.17233	1.17233	0.667207	0.56575	4.56575	0.0688415	4.51544	4.51544	0.2819	0.436973	-2.28847	0.554531	1.55669	1.55669		0.742233	1.27678	1.27678	0.167948	1.29681	1.29681	0.305234	2.19456	2.19456	0.553946	1.55773	1.55773	1.42569	12.3756	7.71593	1
cg08270240	LOC643367;ZNF100	0.314013	0.64285	0.887407	-1.12688	0.332793	0.774484	-1.29118	0.757057	0.923695	-1.08261	0.230347	0.724777	-1.37973	0.685711	1.10968	1.10968		0.577013	0.865774	-1.15504	0.0105856	0.674513	-1.48255	0.380578	0.794484	-1.25868	0.42567	1.47739	0.921138	1
cg02277511	ADNA14	0.314014	0.0811049	1.29353	1.293531	0.749801	0.799333	-1.25104	0.545021	1.18094	1.18094	0.428812	4.3622	4.3622	0.0129276	2.31116	2.31116		0.2219549	1.92381	1.92381	0.0384094	0.896395	-1.11558	0.0506066	1.83865	1.83865	0.65679	0.9813397	0.98319	0.90869	1.42569	0.5809	1
cg08575387	CFDP1	0.314015	0.151691	1.22755	1.22755	0.65195	1.06248	1.06248	0.573527	0.926894	-1.07887	0.2651128	0.703044	-1.42239	0.76063	1.04163	1.04163		0.876083	0.979386	-1.02105	0.436399	0.899439	-1.1118	0.97624	1.00398	1.00398	0.438081	0.899803	-1.11135	1.42567	0.4023306	0.250834	1
cg19700403	RNF6;RNF6;RNF6	0.314015	0.480753	0.882284	-1.13342	0.923394	0.737132	1.37132	0.1978024	0.7074888	1.00292	1.00292	0.3578482	-1.32015	0.844431	1.01493	1.01493		0.20764	1.79206	1.79206	0.0644152	0.69787	-1.43293	0.0972005	1.20911	1.20911	0.1425565	0.6894935	0.94289	1.42565	0.6894935	0.94289	1
cg08215400	CD163L1	0.314024	0.176747	1.906	1.906	0.923402	1.04415	1.04415	0.436936	1.42792	1.42792	0.61393	1.25671	1.25671	0.478149	1.534779	1.86993		0.4857944	1.72504	-1.37456	0.173678	0.521946	-1.91591	0.108809	2.19374	2.19374	0.5066021	1.35348	1.35348	1.42564	2.55576	2.84053	1
cg19981839	CD28P2;CD28P2	0.314025	0.42289	0.770861	-1.29725	0.346306	0.734667	-1.36116	0.718404	0.891255	-1.12201	0.294804	0.707915	-1.4126	0.880884	1.04883	1.04883		0.6109303	0.849481	-1.17719	0.194632	0.64649	-1.54681	0.0620027	1.95049	1.95049	0.242986	1.47467	1.47467	1.42564	2.28217	1.42294	1
cg01185502	CDH4	0.314028	0.0824626	0.204554	-4.88868	0.467846	0.54366	-1.83939	0.634987	0.975572	-1.48423	0.413157	0.501457	-1.99419	0.0574047	0.196183	-5.09728		0.292878	0.406472	-2.46019	0.123994	0.2530316	-3.95232	0.060781	0.174841	-5.71947	0.276328	0.392904	-2.54515	0.42563	15.368	9.58203	1
cg22146484	CHCHD7;PLAG1;CHCHD7;CHCHD7	0.314032	0.283878	0.845622	-1.18256	0.274819	1.18664	1.18664	0.367642	1.14956	1.14956	0.449863	1.12297	1.12297	0.649647	1.07131	1.07131		0.693537	1.06147	1.06147	0.249004	0.834036	-1.19899	0.195972	1.2287	1.2287	0.0603018	1.3759	1.3759	1.42562	0.512189	0.319356	1
cg22364465	PLXNA2	0.314033	0.164125	0.482748	-2.33237	0.704902	0.804803	-1.24254	0.448071	1.5547	1.5547	0.467718	0.655905	-1.52461	0.062631	0.302464	-3.30618		0.758176	0.838402	-1.19274	0.103686	0.362171	-2.76111	0.147605	0.411988	-2.42726	0.222663	0.481228	-2.07802	1.42561	7.3551	4.586	1
cg07772270	NR2F1	0.314039	0.6572384	0.8944	1.117904	0.7402754	0.12311	1.87311	0.0134972	1.74752	1.74752	0.0898586	1.11286	1.11286	0.799522	1.44362	-1.28759		0.6094021	1.1786	1.1786	0.79102	1.13854	1.13854	0.465605	1.85737	1.85737	0.856732	0.8613155	1.16302	1.1626	0.4705	0.60812	1
cg11597832	TMEM121	0.314055	0.0736352	0.577193	-1.73252	0.596817	0.863194	-1.15849	0.499994	0.828053	-1.20765	0.488515	0.823723	-1.214	0.171365	1.4938	1.4938		0.413637	1.25899	1.25899	0.38856	1.22753	1.22753	0.216822	1.43063	1.43063	0.526152	1.19364	1.19364	1.42555	1.71459	1.06912	1
cg10085304	LOC92892	0.314061	0.132872	0.597801	-1.67291	0.0327197	0.10408	1.05808	0.4637593	1.048761	0.979064	1.02135	0.832143	1.03103	0.144053	1.83402	1.83402		0.105337	0.4204	-2.37944	0.0145378	0.1646973	0.0312122	0.0154975	0.2244	0.4457315	0.0145378	0.1646973	0.0312122	0.0154975	0.2244	0.4457315	1.42554	0.0457315

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	p-value(4771 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	df	
cg00389552	BCOR;BCOR	0.314478	0.939954	1.04639	1.04639	0.38351	0.580284	-1.76624	0.453144	0.633219	-1.57923	0.2402	0.47938	-2.08603	0.07512795	0.306002	-3.26796	0.614775	1.35447	1.35447	0.413249	0.606449	-1.64894	0.0345518	0.333287	-3.00042	0.067779	0.294258	-3.39838	1.42433	8.0645	5.03285	1	
cg16556892	ZNF276;C16orf7;ZNF276;ZNF276	0.314484	?	?	?	0.816363	0.80571	-1.24114	0.27696	0.347788	-2.87532	?	?	?	0.89168	0.887912	-1.12624	0.117853	0.202503	-4.93821	0.0690065	0.146207	-6.8396	0.319364	2.61231	2.61231	0.991181	0.989791	-1.01031	1.46166	15.1937	10.3948	1	
cg16627309	GPX3	0.314489	0.795671	0.932859	-1.07197	0.260103	1.36972	1.36972	0.283265	1.34795	1.34795	0.64361	1.13333	1.13333	0.827308	1.06026	1.06026	0.916155	1.02861	1.02861	0.0172469	2.17497	2.17497	0.161527	1.49243	1.49243	0.902613	0.967747	-1.03333	1.4243	1.61805	1.00981	1	
cg18535446	PPP1R14C	0.314495	0.58872	1.05344	1.05344	1.106123	0.845085	-1.18317	0.471964	0.2493158	-1.07227	0.490731	0.08432	1.08432	0.116979	1.17636	1.17636	0.2535588	0.892511	-1.12043	0.2138854	0.8839363	-1.13127	0.451185	0.9293599	-1.07596	0.8680314	0.984262	-1.01599	1.4228	0.2053195	0.1280262	1	
cg14258675	DLST	0.314496	0.446194	1.13731	1.13731	0.486169	0.889361	-1.1244	0.606125	1.09001	1.09001	0.421984	0.872917	-1.14558	0.918754	0.987348	-1.01281	0.0846453	0.729049	-1.37165	0.185015	0.7902121	-1.26239	0.177423	1.2681	1.2681	0.294138	1.19758	1.19758	1.42428	0.6193441	0.386529	1	
cg13996476	KCTD14	0.314497	0.786725	0.879831	-1.13658	0.0239297	3.56773	3.56773	0.126861	2.18034	2.18034	0.497795	1.38392	1.38392	0.580535	0.768364	-1.30147	0.51789	1.3627	1.3627	0.28945	1.68047	1.68047	0.847881	0.913331	-1.09488	0.842085	0.910132	-1.09874	1.4228	5.02699	3.13734	1	
cg02851517	TXLNA	0.314505	0.930229	0.957264	-1.04464	0.534905	1.3681	1.3681	0.412165	0.6582394	-1.51922	0.269121	0.563271	-1.77535	0.184259	0.495375	-2.01867	0.0248251	0.263875	-3.78967	0.77765	1.15165	1.15165	0.513665	1.19145	1.19145	0.841121	0.904745	-1.10528	1.4225	5.61089	3.5018	1	
cg14450319	PCDH10;PCDH10;PCDH10;PCDH10	0.314505	0.946394	1.00882	1.00882	0.290761	0.868206	-1.1518	0.696998	1.05245	1.05245	0.211259	1.58775	1.58775	0.248831	1.37055	1.37055	0.27674	0.862611	-1.15927	0.371209	0.8874433	-1.12685	0.113673	0.7986312	-1.25214	0.277994	1.1589	1.1589	1.43425	0.3849372	0.240264	1	
cg00297912	TFB1M	0.314515	0.185933	0.425852	2.34824	0.0916316	0.289997	-1.44831	0.0414039	0.338879	-1.48622	0.73249	0.8063145	-1.24047	0.2970229	0.573131	-1.93113	0.2587	0.48754	-2.04938	0.148341	0.38469	-2.59863	0.255453	0.4854568	-2.05099	0.4752125	0.642762	-1.55579	1.4224	8.3577	5.21617	1	
cg07494987	TMEM27	0.314512	0.436798	1.31958	1.31958	0.852385	0.936957	-1.06728	0.753139	1.11661	1.11661	0.0435497	0.444273	-2.25087	?	?	?	0.238995	1.53894	1.53894	0.178015	1.64926	1.64926	0.893656	1.04787	1.04787	0.966525	0.985437	-1.01478	1.42376	2.449147	1.72042	1	
cg22188449	UBXN6	0.314515	1.149473	1.16562	1.16562	0.0327544	3.38825	3.38825	0.0176466	2.86166	2.86166	0.0152502	1.59224	1.59224	0.0152502	1.59224	1.59224	0.2978988	0.691696	-1.44572	0.0133093	0.7960751	-1.25617	0.555846	0.6879941	-1.45272	0.0133093	0.7960751	-1.25617	1.42961	1.42422	2.631955	1.64266	1	
cg07733719	MDH2	0.314515	0.977579	0.98653	-1.01365	0.0327544	3.33823	3.33823	0.0444441	3.04606	3.04606	0.728528	0.845233	-1.18311	0.640822	1.25451	1.25451	0.355595	1.58179	1.58179	0.989232	0.9935509	-1.00653	0.686673	1.21614	1.21614	0.974192	0.98451	-1.01573	1.42422	5.25265	3.37829	1	
cg23887609	PWWL1;PWL1	0.314517	0.626237	0.703152	-1.41813	0.1401144	2.01218	2.01218	0.162601	1.58451	1.58451	0.0759619	0.8739473	0.242281	-4.12743	0.2754495	2.32825	2.32825	0.4218144	1.79334	0.191496	0.3759368	-2.67596	0.664088	0.4145299	-2.4129	0.2973424	0.4202	-2.37973	1.42424	7.12273	5.02787	1	
cg17528325	ORI6L2	0.314521	0.183892	0.448854	2.22789	0.244999	0.501062	-1.99576	0.223543	0.483523	-2.06815	0.141429	0.407162	-2.45603	0.352173	0.580401	-1.72295	0.2285131	0.487668	-2.05058	0.0731884	0.321304	-3.11231	0.926529	0.9489842	-1.05381	0.0564801	0.293166	-3.41104	1.4221	7.28299	4.54552	1	
cg06361510	MP10	0.31453	0.0732214	0.304873	-3.28005	0.218779	0.463454	-2.15771	0.100498	0.343085	-2.91473	0.479637	0.652287	-1.53307	0.0667042	0.294521	-3.39535	0.220022	0.464513	-2.15279	0.528576	0.6841247	-1.46172	0.817248	1.14755	1.14755	0.900706	1.07704	1.07704	1.42418	7.9741	4.97696	1	
cg19710451	HOXB4	0.314534	0.156237	1.7489	1.7489	0.124323	1.8465	1.8465	0.0705784	2.10585	2.10585	0.996209	1.00175	1.00175	0.581434	0.81448	-1.22778	0.357092	1.41773	1.41773	0.795282	1.10057	1.10057	0.0926547	1.97772	1.97772	0.26352	1.53659	1.53659	1.42417	3.06354	1.9121	1	
cg14286205	VAV2;VAV2	0.314534	0.323004	0.758073	-1.31913	0.189861	0.864609	-1.15753	0.255032	0.721852	-1.38533	0.64234	0.880821	-1.13561	0.724577	1.1007	1.1007	0.6534435	1.13096	1.13096	0.9603846	1.90106	1.90106	0.614908	0.87342	-1.14575	0.652269	0.884199	-1.13097	1.42417	1.66047	1.03658	1	
cg04913078	NEB;NEB;NEB	0.314544	0.917602	1.03954	1.03954	0.898331	0.953223	-1.04907	0.9340665	0.99574	-2.52691	0.8882	0.994473	-1.00556	0.244639	0.637726	-1.57797	0.706609	1.15225	1.15225	0.516997	1.27918	1.27918	0.170282	1.72864	1.72864	0.479431	1.30923	1.30923	1.42414	1.16789	1.97726	1	
cg10542445	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.314552	0.160449	0.376231	-2.65794	0.900859	1.08465	1.08465	0.858002	0.889798	-1.12385	0.84681	0.881545	-1.13437	0.0303029	0.189484	-5.2775	0.175996	0.39141	-2.55486	0.119035	0.33187	-3.01123	0.563104	0.682319	-1.46366	0.251936	0.458279	-2.18208	1.42412	9.58684	5.9838	1	
cg13042288	ANP1P	0.314561	0.700557	0.932169	-1.07277	0.431284	0.864151	-1.15721	0.26083	0.808016	-1.2376	0.710525	1.07012	1.07012	0.0472806	1.51072	1.51072	0.715958	1.06868	1.06868	0.138726	1.33603	1.33603	0.40149	0.855484	-1.16893	0.715302	1.06885	1.06885	1.42409	0.745238	0.465162	1	
cg26755793	KCTD2	0.314562	0.823148	1.09634	1.09634	0.476448	-1.14097	0.0196359	0.314018	-3.18453	0.75212	0.877923	-1.13905	0.530055	0.769993	-1.29871	0.390337	0.696509	-1.43573	0.340281	0.667766	-1.49753	0.236077	1.66557	1.66557	0.908741	1.04824	1.04824	1.42409	3.80799	2.37687	1	
cg19516604	P2	0.314566	?	?	?	0.2365	2.10275	2.10275	0.0937452	3.01735	3.01735	0.336067	0.55191	-1.81189	0.568132	1.41299	1.41299	0.300378	1.90228	1.90228	0.251968	0.4881164	-2.04849	0.38476	0.586266	-1.70571	0.748635	0.824772	-1.21246	1.4236	7.19608	5.05484	1	
cg01103944	RPL35A;IQCG;IQCG	0.314573	?	?	?	0.822277	1.25848	1.25848	0.399021	2.46752	2.46752	?	?	?	?	?	?	0.055119	0.103734	-9.64003	0.249423	0.2889902	-3.44945	0.0807007	0.122001	1.02521	0.618998	1.66996	1.66996	1.45838	15.7345	12.5872	1	
cg07894004	NTSR2	0.314588	0.932778	1.02856	1.02856	0.167353	1.63441	1.63441	0.84489	0.936712	-1.06756	0.0238924	2.45877	2.45877	0.593837	1.19682	1.19682	0.675169	1.15106	1.15106	0.903946	1.04112	1.04112	0.300927	1.43013	1.43013	0.294025	1.6953	1.69395	1.43803	1.4202	2.51272	1.56847	1	
cg09965557	MYO1C;MYO1C;MYO1C	0.314589	0.199061	1.40632	1.40632	0.2513	1.35144	1.35144	0.117136	1.53372	1.53372	0.926883	1.02333	1.02333	0.208682	0.716754	-1.39518	0.810696	0.941485	-1.06215	0.0804204	1.62788	1.62788	0.521046	1.17756	1.17756	0.366585	1.26248	1.26248	1.42401	1.42399	0.888877	1	
cg08823577	RPL35A;QCG;IQCG	0.314596	0.9221211	1.03956	1.03956	0.166128	1.46323	1.46323	0.314565	1.64279	1.64279	0.145263	1.24625	1.24625	0.151828	0.78581	-1.27272	0.5521737	0.89683	-1.11503	0.670138	0.7973543	-1.2541	0.1901	0.7905266	-1.26504	0.0814124	0.4191005	0.850862	-1.17528	1.42399	0.914328	0.570745	1	
cg14068176	TMEM88B;TMEM88;TMEM88	0.314598	0.552912	0.560849	-1.78301	0.2881153	1.93833	1.93833	0.0759633	6.7027	6.7027	0.662971	1.5257	1.5257	0.663281	0.653941	-1.52919	0.766738	1.33187	1.33187	0.793334	0.776516	-1.2878	0.232076	1.40883	1.40883	0.714067	0.701514	-1.42549	1.42399	20.9306	13.0654	1	
cg23391107	SPI1	0.314602	0.832624	0.874475	-1.14353	0.4178	1.33183	1.33183	0.0905808	2.83865	2.83865	0.11166	0.2270993	0.602041	-3.5104	0.0419304	0.3717463	0.2305054	0.3634	-2.75134	0.0241809	0.5686006	-1.76018	0.241309	0.7362211	-1.35829	0.2189955	1.36005	1.36005	1.42397	1.40801	0.89951	1	
cg27658391	TMCO6	0.314604	0.85572	0.958606	-1.04318	0.3870666	0.813888	-1.22867	0.161292	1.45149	1.45149	0.476699	1.18302	1.18302	0.175576	0.715663	1.39731	0.0602396	0.611243	-1.63601	0.516462	1.16509	1.16509	0.625067	1.1212	1.1212	0.794082	1.06264	1.06264	1.42397	1.21671	0.759509	1	
cg00667406	AASS	0.314604	0.665454	0.857642	-1.16599	0.191528	1.62923	1.62923	0.0535101	0.461113	-2.16867	0.533316	0.800343	-1.24946	0.885927	0.95059	-1.05198	0.578016	1.21941	1.21941	0.11301	1.8384	1.8384	0.626978	1.18873	1.18873	0.885647	1.05211	1.05211	1.42397	2.81029	1.75428	1	
cg20746134	HK1;HK1;HK1;HK1;HK1	0.314601	0.2646492	0.297515	-3.36077	0.1914109	0.929315	0.929315	0.0612027	0.6684	0.6684	0.741065	1.14509	1.14509	0.0820955	1.512808	1.512808	0.6682694	0.636788	-1.57034	0.797646	1.30866	1.30866	0.842225	0.8810077	-1.23202	0.594484	0.569747	-1.75517	1.42395	24.7219	15.4324	1	
cg26346619	FLVCR2	0.314616	0.784607	1.18341	1.18341	0.0451838	4.10593	4.10593	0.0612027	3.65678	3.65678	0.544512	0.68592	-1.4579	0.734429	0.811161	-1.2328	0.564617	1.43033	1.43033	0.266706	2.03657	2.03657	0.972071	1.02175	1.02175	0.620728	0.735958	-1.35877	1.42393	8.51994	5.31856	1	
cg22621168	MOBKL2B	0.314619	0.9497019	1.02982	1.02982	0.515824	1.56569	1.56569	0.0703264	1.58308	1.58308	0.172147	1.40886	1.40886	0.0758996	1.532002	1.532002	0.8909574	1.15083	1.15083	0.104453	1.55061	1.55061	0.144166	1.32056	1.32056	0.144166	1.44654	1.44654	1.42393	1.24866	0.777979	1	
cg20430740	NUDT10	0.314619	0.125158	0.297178	-3.57503	0.907928	0.915029	-1.09286	0.52035	1.64892	1.64892	0.179437	1.33473	1.33473	0.0309312	1.33012	1.33012	0.1581506	0.388161	-2.57627	0.0176107	0.7419363	-1.34778	0.332581	0.8356222	-1.19671	0.92135	0.927002	-1.07875	1.42392	13.2854	8.29346	1	
cg17445840	FAM15C;FAM55C;NFKB2	0.31462	0.0734195	0.176813	-5.65568	0.347574	0.431926	-2.31521	0.0893289	0.196692	-5.08408	0.220631	0.327014	-3.05797	0.108196	0.218446	-4.57779	0.219254	0.343089	-2.91469	0.111775	0.2223395	-4.4965	0.208546	0.316189	-3.16067	0.308522	0.400572	-2.49643	1.42392	16.9916	10.607	1	
cg17128082	FAM13A	0.314623	0.685943	1.77102	1.77102	0.0231067	2.11448	2.11448	0.0521	1.78521	1.78521	0.0756262	1.50262	1.50262	0.0756262	1.50262	1.50262	0.2193254	0.8369	-1.19532	0.1886056	1.26742	1.26742	0.0715649	1.71047	-1.40752	0.310066	0.836335	-1.19569	1.42392	0.652917	0.407587	1	
cg16485385	NUTF2;CENPT	0.314629	0.179833	0.790023	-1.26579	0.138145	1.30231	1.30231	0.97462	0.99475	-1.00528	0.716188	0.941378	-1.06227	0.0997617	0.741963	-1.34778	0.0881452	0.732461	-1.36526	0.667222	0.930932	-1.07419	0.75667	1.05277	1.05277	0.795529	0.957943	-1.0439	1.4239	0.617354	0.385391	1	
cg22758097	NCOA4;NCOA4;NCOA4;NCOA4	0.314631	0.585968	1.07104	1.07104	0.442594	1.38312	1.38312	0.147876	1.11384	1.11384	0.450586	1.14601	1.14601	0.0938714	1.18024	1.18024	0.35105	1.1855	1.1855	0.0842269	0.7172788	-1.39412	0.894601	0.9233077	-1.10237	0.6366681	0.707905	-1.41282	1.42389	0.980853	0.640314	1	
cg00651016	RAB11FIP3;RAB11FP3	0.314638	0.746265	1.09387	1.09387	0.748353	0.914888	-1.09303	0.492753	0.824876	-1.2123	0.649698	1.1347	1.1347	0.279819	0.7330888	1.36409	0.19579	1.45948	1.45948	0.0448502	1.88954	1.88954	0.153135	1.52947	1.52947	0.780944	1.08009	1.08009	1.42387	-1.22732	1.0752	1	
cg16734191	TES2	0.314639	0.730256	0.827197	-1.20782	0.583606	0.738142	-1.35475	0.798822	0.869491	-1.14963	0.409241	0.511844	-1.95372	0.0904061	0.163617	-6.11184	0.833832	0.894348	-1.11813	0.495454	0.685504	-1.45878	0.636068	0.771016	-1.29699	0.782628	0.863425	-1.15818	1.42387	6.7115	4.18984	1	
cg02700386	PHYHIP;PHYHIP	0.314642	0.762752	0.842155	-1.18725	0.5417	1.38252	1.38252	0.14952	1.52705	1.52705	0.178065	1.53288	1.53288	0.178065	1.53288	1.53288	0.3505	1.52321	1.52321	0.245296	1.3504	1.3504	0.0975	1.52321	1.52321	0.245296	1.3504	1.3504	1.42387	1.70171	1.42605	1.72681	1.42387	0.263726	1.42387	1.42387	1.42387

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1047 vs. 047 vs. N)	Fold-Change(1047 vs. 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2317 vs. N)	Fold-Change(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg17198369	SCRIB;SCRIB	0.314997	0.689729	1.29957	1.29957	0.900662	0.921693	-1.08496	0.471697	1.61291	1.61291	0.336436	1.91012	1.91012	0.0364305	2.560768	-2.83482	0.559459	1.42017	1.42017	0.0802877	0.29556	-3.3834	0.3887572	1.98946	1.98946	0.873485	0.901177	-1.10966	1.42284	9.60811	6.00247	1
cg07966265	CASZ1;CASZ1	0.314998	0.293864	1.41467	1.41467	0.2015525	2.40949	2.40949	0.799165	1.08462	1.08462	0.278446	1.43198	1.43198	0.708374	1.12693	1.12693	0.199717	1.53979	1.53979	0.107905	1.54413	1.54413	0.545392	1.21529	1.21529	0.559772	0.828708	-1.2067	1.42283	2.28747	1.42905	1
cg14429526	DIP2C	0.315004	0.582932	0.825755	-1.21101	0.0988413	1.86785	1.86785	0.405784	0.745545	-1.3413	0.948364	1.02261	1.02261	0.32399	1.42144	1.42144	0.173095	1.64954	1.64954	0.472355	1.28707	1.28707	0.0522704	2.14282	2.14282	0.70502	1.14031	1.14031	1.42282	2.68595	1.67801	1
cg04049253	ZBTB16;ZBTB16	0.315008	0.784758	0.944085	-1.05923	0.1421108	1.39333	1.39333	0.734046	0.930837	-1.0743	0.96155	0.989919	-1.01018	0.827688	1.04688	1.04688	0.063556	1.55088	1.55088	0.0460573	1.61274	1.61274	0.970592	1.092282	-1.00778	0.797997	0.947524	-1.05538	1.42281	0.995355	0.621841	1
cg13033814	NEU1	0.315009	0.188249	0.675282	-1.48086	0.63918	1.14223	1.14223	0.185039	0.673116	-1.48563	0.739483	1.1027	1.1027	0.88253	0.820132	-1.21932	0.72988	0.907002	-1.10253	0.127387	0.62861	-1.59081	0.038189	0.508366	-1.96709	0.29991	0.73895	-1.35327	1.4228	1.78704	1.11645	1
cg08542804	MXD1	0.315011	0.157351	1.19354	1.19354	0.147248	1.3535	1.3535	0.74864	1.06457	1.06457	0.188413	1.30283	1.30283	0.114955	1.39599	1.39599	0.518058	1.13603	1.13603	0.0997739	0.703938	-1.42058	0.998271	0.999578	-1.00042	0.765317	0.9434	-1.06	1.4228	0.853602	0.533286	1
cg05237114	FAM110B	0.315015	0.140157	0.617191	-1.62024	0.312499	0.727849	-1.37391	0.518785	0.819645	-1.22004	0.277865	0.709563	-1.40932	0.0160402	0.408131	-2.45019	0.588914	0.847138	-1.18045	0.267194	0.703659	-1.42114	0.488984	0.807572	-1.23828	0.270397	0.705446	-1.41754	1.42279	2.08322	1.3015	1
cg08203715	ST3GAL4;ST3GAL4	0.315021	0.316271	1.55626	1.55626	0.0591792	2.48285	2.48285	0.0274	1.0434	1.0434	0.493911	1.34617	1.34617	0.496319	1.34293	1.34293	0.332556	1.5322	1.5322	0.0977137	2.17191	2.17191	0.181462	0.543775	-1.83226	0.952823	1.02552	1.02552	1.42274	4.10606	2.56536	1
cg12828018	PATL1	0.315035	0.715754	0.767133	-1.3028	0.0966247	0.257334	-3.88615	0.20814	0.372464	-2.68482	0.0830571	1.47094	-1.47094	0.0443409	0.707323	-1.41378	0.484695	1.6963	1.6963	0.178413	1.36425	1.36425	0.467699	0.576991	-1.73113	0.473899	1.7193	1.7193	1.42273	12.4795	7.79691	1
cg01500102	LRTOMT;LRTOMT;C11orf59;LRTOMT	0.315042	0.792452	1.13419	1.13419	0.887736	0.934777	-1.06977	0.0313566	0.299461	-3.33933	0.521354	1.36392	1.36392	0.824031	0.899117	-1.1122	0.876242	0.928285	-1.07726	0.964771	1.02131	1.02131	0.165831	0.493781	-2.02519	0.0984652	0.420937	-2.37565	1.42271	5.1375	3.20984	1
cg24773868	MAP4;MAP3K3;MAP3K3;MAP3K3	0.315047	0.953761	1.05273	1.05273	0.2705	1.82972	1.82972	0.0240113	0.826995	1.20934	0.0163995	0.776	1.2887	0.0163995	0.776	1.2887	0.770015	1.29871	1.29871	0.0163995	0.776	1.2887	0.0163995	0.776	1.2887	0.0163995	0.776	1.2887	1.42269	6.94092	4.34039	1
cg22728639	DFFA;DFFA	0.315056	?	?	?	0.09342	2.5443	2.5443	0.0143	1.68712	1.68712	0.412986	1.52006	1.52006	0.292889	0.758588	-1.72834	0.742703	1.34702	1.34702	0.0243	2.04343	2.04343	0.640672	0.790842	-1.26448	0.174336	2.06975	2.06975	1.46163	5.00846	2.9983	1
cg14446575	PHF8	0.315058	0.175788	0.506655	-1.97373	0.268158	1.72421	1.72421	0.168941	1.54627	1.54627	0.557418	1.31015	1.31015	0.0764537	0.191447	-2.55462	0.537431	1.34025	1.34025	0.301455	0.6503888	-1.65811	0.0512994	0.102866	-3.32688	0.0619881	1.612955	1.42266	5.02664	3.14968	1
cg03313643	FAH2D;A	0.315058	0.176999	0.872289	-1.14641	0.886891	1.01364	1.01364	0.402481	0.921658	-1.085	0.981655	0.997813	-1.00219	0.321856	0.907153	-1.10235	0.799015	1.02459	1.02459	0.803741	1.02399	1.02399	0.0295971	0.783591	-1.27618	0.285453	1.11141	1.11141	1.42266	0.204272	0.12763	1
cg20263045	HHIP	0.315061	0.355514	1.0778	1.0778	0.22821	1.68179	1.68179	0.395143	0.699097	-1.43042	0.834146	1.09001	1.09001	0.0604175	0.527421	-1.89602	0.214542	0.58445	-1.71101	0.531506	0.76053	-1.2976	0.0826277	0.20333	2.03933	0.679421	1.18626	1.18626	1.42266	3.80676	2.3785	1
cg02245467	LTS1	0.315062	0.281028	1.70971	1.71071	0.4838824	1.40624	1.40624	0.853628	1.16582	1.16582	0.0909173	0.474613	1.41682	1.41682	0.389567	1.52578	1.52578	0.160751	2.0154	0.174775	1.99096	1.99096	0.0250772	0.5859	1.5859	0.150297	2.0936	2.0936	1.42265	5.17374	3.23261	1
cg20735282	ORAOV1	0.315069	0.0667825	0.523658	-1.90964	0.131761	0.581799	-1.71881	0.417734	0.770537	-1.2978	0.996773	1.00127	1.00127	0.0768945	0.538355	-1.85751	0.259181	0.690364	-1.44851	0.643798	1.15785	1.15785	0.510955	0.810684	-1.23353	0.198379	0.651897	-1.53398	1.42263	2.23245	1.39488	1
cg12447188	NUDT16L1	0.315073	0.374983	0.728675	-1.37254	0.110107	0.564734	-1.82904	0.977545	0.990206	-1.00984	0.0272804	0.403157	2.48042	0.110739	0.54641	-1.83013	0.723161	0.883651	-1.13167	0.564354	0.976358	1.02423	0.705317	0.879236	-1.14124	0.80847	1.08812	1.08812	1.42263	2.72495	1.70261	1
cg09289567	HECW2	0.315075	0.896555	0.957207	-1.04475	0.3988961	1.13686	1.13686	0.310849	0.718165	-1.39244	0.2164999	0.457934	2.18434	0.0254452	0.731048	-1.3679	2.138335	0.627075	-1.59471	0.113649	0.528123	-1.89316	0.0298181	0.155951	6.41078	0.0003	0.551005	1.81578	1.08398	0.0218368	0.509265	-1.96361	1.42261	2.26335	1.59154	1
cg16563938	WDR8	0.315095	0.942759	0.973231	-1.02751	0.101125	0.507442	-1.97067	0.0543245	0.438197	-2.28208	0.183323	0.586567	-1.70484	0.113488	0.543491	-1.84335	0.238335	0.627075	-1.59471	0.113649	0.521823	-1.91636	0.5482	0.794858	-1.25809	0.6426	0.838123	-1.19314	1.42256	3.21688	2.01008	1
cg20030130	HSD17B10;HSD17B10	0.315098	0.255338	0.739055	-1.35309	0.0870148	0.229707	-4.3531	0.383351	0.490297	-2.03958	0.0642611	5.24752	5.24752	0.444379	0.570708	-1.75206	0.458097	0.7451	-1.34206	0.244378	0.509005	1.96455	0.0109284	0.0179	55.8855	0.0000	0.358809	2.78731	1.42255	14.323	8.94987	1
cg20662732	CLK2	0.315103	0.738777	0.820097	-1.21937	0.1663992	0.417077	-2.39764	0.413797	0.609598	-1.64067	0.631995	1.33103	1.33103	0.107712	0.353361	-2.82997	0.255198	0.494614	-2.02178	0.709746	1.24803	1.24803	0.104729	2.85994	2.85994	0.669993	1.28923	1.28923	1.42253	7.91241	4.94417	1
cg14695947	ANKRD16;ANKRD16;ANKRD16	0.315105	0.3139	1.2404	1.2404	0.2085521	2.6534	2.6534	0.0238	0.978288	-1.02219	0.0512	1.77907	1.77907	0.0244248	0.752528	-1.32945	0.659642	1.2174	1.2174	0.0244248	0.752528	-1.32945	0.659642	1.2174	1.2174	0.0244248	0.752528	-1.32945	1.42253	6.15257	3.98485	1
cg07906520	PPP1R16B	0.315107	0.95265	1.01494	1.01494	0.2003207	1.40187	1.40187	0.635582	1.1266	1.1266	0.326479	1.28784	1.28784	0.655417	1.11869	1.11869	0.184153	1.4216	1.4216	0.110249	0.6475	-1.5444	0.976646	0.992717	-1.00734	0.133211	0.667319	-1.49853	1.42252	1.40477	0.877793	1
cg08198330	AKAP8	0.315107	0.236849	0.615841	-1.6238	0.817806	0.913696	-1.09446	0.709652	1.15753	1.15753	0.369243	1.43433	1.43433	0.492434	0.761328	-1.31349	0.643138	0.833188	-1.20021	0.288399	1.53894	1.53894	0.155285	0.551658	-1.81272	0.0519822	0.421141	-2.3745	1.42252	3.44686	2.15383	1
cg13468144	ANKFY1	0.315109	0.443604	1.09528	1.09528	0.3512104	1.72709	-1.56911	0.0648697	0.555724	-1.79965	0.0498943	0.802552	-1.12265	0.195847	0.655515	-1.52569	0.485745	1.3038	1.3038	0.0410531	2.01736	2.01736	0.506669	1.22209	1.22209	0.836792	1.04044	-1.06333	1.42252	1.96648	1.24754	1
cg06757385	HIST3H2BB AIINTL;AIINTL;AIINTL;AIINTL;AIINTL;AR	0.315111	0.637034	0.867514	-1.15272	0.269341	0.708948	-1.41054	0.981346	1.00702	1.00702	0.9598	0.985041	-1.01519	0.462327	0.799526	-1.25074	0.148183	1.59015	1.59015	0.055622	0.522802	-1.91277	0.131281	0.614355	-1.62772	0.458771	0.798052	-1.25305	1.42251	2.0145	1.2588	1
cg06499652	NTL	0.315116	0.706614	1.06226	1.06226	0.334375	0.852976	-1.17237	0.427112	0.878525	-1.13827	0.254763	1.20916	1.20916	0.74479	0.949167	-1.05356	0.508166	1.11318	1.11318	0.195183	1.24464	1.24464	0.0625663	1.10086	1.10086	0.0359243	1.47669	1.47669	1.4225	0.574766	0.35916	1
cg24340993	TMEM14A	0.315117	0.743267	1.07361	1.07361	0.371707	0.820199	-1.21922	0.567024	1.1332	1.1332	0.590057	0.889105	-1.12473	0.0355496	0.589302	-1.69692	0.154279	0.719242	-1.39035	0.330107	0.804778	-1.24258	0.267637	0.779149	-1.28345	0.153495	0.718727	-1.39135	1.42249	1.05217	0.657482	1
cg02028489	C16orf58	0.315118	0.589227	1.07013	1.07013	0.2738861	0.995107	-1.0059	0.983934	0.995995	-1.00468	0.980447	0.990297	-1.00958	0.0642611	5.24752	5.24752	0.444379	0.570708	-1.75206	0.244378	0.509005	1.96455	0.0109284	0.0179	55.8855	0.0000	0.358809	2.78731	1.42249	14.323	8.94987	1
cg11189268	ARHGAP27;ARHGAP27	0.315121	0.853437	1.07197	1.07197	0.432051	0.739817	-1.35169	0.431224	0.7394	-1.35245	0.894525	0.95137	-1.05112	0.0331522	0.392202	-2.5497	0.581132	1.32938	1.32938	0.23268	0.93523	1.03102	1.03102	0.115178	1.90355	1.90355	0.724304	1.14666	1.14666	1.42248	3.18205	1.98842	1
cg19800096	APH1	0.315122	0.313577	1.09222	1.09222	0.3807	1.37998	1.37998	0.0400467	0.784158	-1.12433	0.708766	0.899197	-1.11611	0.186281	0.660202	-1.51465	0.248985	1.88766	1.88766	0.49445	1.44276	1.44276	0.417193	1.54966	1.54966	0.165245	2.18581	2.18581	1.42248	2.28814	3.92939	1
cg22213752	MLLT6	0.315127	0.436788	1.152	1.152	0.55996	0.900199	-1.11086	0.153207	0.750335	-1.33274	0.441302	0.869308	-1.15034	0.0929813	1.39051	1.39051	0.321507	1.20044	1.20044	0.692998	1.07334	1.07334	0.328882	1.19692	1.19692	0.224561	1.25553	1.25553	1.42246	0.716798	0.447923	1
cg20574119	HAGHL;CCDC78;HAGHL	0.315131	0.160277	1.19131	1.19131	0.0726148	0.674921	-1.55419	0.863105	0.954242	-1.04642	0.0360838	0.338321	1.36129	0.0130008	0.2455	-4.07387	0.179988	0.7305	1.3688	0.0260702	0.3145	-3.17994	0.0168243	0.102297	1.10297	0.707424	0.0204048	-1.08655	1.42245	3.01085	0.882294	1
cg07183637	STK19;STK19;DOM3Z;STK19	0.315132	0.561208	0.811277	-1.23262	0.294317	0.678953	-1.47286	0.228032	1.56897	1.56897	0.377516	1.38036	1.38036	0.428772	0.750087	-1.33318	0.112791	0.540923	-1.84869	0.229916	0.638635	-1.56584	0.184725	0.606057	-1.65001	0.466309	1.30201	1.30201	1.42245	2.8549	1.78403	1
cg15027426	BCORL2	0.315134	0.689649	1.1452	1.1452	0.4228758	0.854638	-1.18353	0.670785	1.44838	1.44838	0.447332	1.35189	1.35189	0.17735	1.6275	-1.6275	0.152964	0.703327	-1.42161	0.0963182	0.263327	-3.79801	0.0263691	0.144437	2.74475	0.0443825	0.51932	-1.92632	1.42243	15.0439	10.5799	1
cg24604740	HLX	0.315133	0.50267	1.49505	1.49505	0.2824777	0.93526	1.93526	0.738311	1.21923	1.21923	0.568331	0.711124	-1.46022	0.0480789	0.264174	-3.78538	0.111659	1.78497	1.78497	0.732336	0.816312	-1.22502	0.894745	0.92473	-1.0814	0.463615	1.55428	1.55428	1.42245	7.87344	4.92012	1
cg03212133	MMGT1	0.315144	0.0430429	0.167159	-5.98231	0.484188	0.579114	-1.72678	0.385842	0.505062	-1.97995	0.912856	0.919327	-1.08775	0.239335	0.387994	-2.57736	0.125061	0.279229	-3.58129	0.0884958	0.235996	-4.23736	0.287433	0.427987	-2.33652	0.152573	0.308118	-3.24551	1.42241	13.2998	8.31125	1
cg05973813	ACAT1	0.315145	0.78383	1.1452	1.1452	0.4228758	0.854638	-1.18353	0.670785	1.44838	1.44838	0.447332	1.35189	1.35189	0.17735	1.6275	-1.6275	0.152964	0.703327	-1.42161	0.0963182	0.263327	-3.79801	0.0263691	0.144437	2.74475	0.0443825	0.51932	-1.92632	1.42243	15.0439	10.5799	1
cg24680860	ALDH1L1	0.315156	0.101291	0.403739	-2.37881	0.4371	0.681895	-1.4665	0.416338	0.470903	-2.12358	0.129817	0.453675	-2.20402	0.0801621	0.39157	-2.55382	0.242348	0.553783	-1.80576	0.564713	0.757127	-1.32078	0.307109	0.600105	-1.66637	0.075529	0.384596	-2.60013	1.42238	5.25512	3.28408	1
cg17794650	SRC;SRC	0.315161	0.366339	0.781846	-1.27939	0.218204	0.784296	-1.2747	0.211641	0.688943	-1.45152	0.0502756	0.555117	-1.80161	0.0544426	0.583438	-1.71475	0.490945	0.6564	-1.52347	0.0768802	0.4704	-2.12674	0.633843	0.775163	1.29045	0.500907	0.756163	-1.32247	1.42237	0.829854	0.564584	1
cg23400575	MIR202	0.315166	0.255111	1.63099	1.63099	0.0923814	0.14389	-2.14389	0.653814	1.20425	1.20425	0.375557	1.45416	1.45416	0.187405	1.77759	1.77759	0.053801	2.46329	2.46329	0.0599313	2.39622	2.39622	0.404258	1.42102	1.42102	0.664353	1.19692	1.19692	1.42235	3.8187	2.38647	1
cg05973813	ACAT1	0.315167	0.78383	1.1452	1.1452	0.4228758	0.854638	-1.18353	0.670785	1.44838	1.44838	0.447332	1.35189	1.35189	0.17735	1.6275	-1.6275	0.152964	0.703327	-1.42161	0.0963182	0.263327	-3.79801	0.0263691	0.144437	2.74475	0.0443825	0.51932	-1.92632	1.42243	15.0439	10.5799	1
cg24680860	ALDH1L1	0.315156	0.101291	0.403739	-2.37881	0.4371	0.681895	-1.4665	0.416338	0.470903	-2.12358	0.129817	0.453675	-2.20402	0.0801621	0.39157	-2.55382	0.242348	0.553783	-1.80576	0.564713	0.757127	-1.32078	0.307109	0.600105	-1.66637	0.075529	0.384596	-2.60013	1.42238	5.25512	3.28408	1
cg17794650	SRC;SRC	0.315161	0.366339	0.781846	-1.27939	0.218204	0.784296	-1.2747	0.211641	0.688943	-1.45152	0.0502756	0.555117	-1.80161	0.0544426	0.583438	-1.71475	0.490945	0.6564	-1.52347	0.0768802	0.4704	-2.12674	0.633843	0.775163	1.29045	0.500907	0.756163	-1.32247	1.42237	0.829854	0.564584	1
cg23400575	MIR202	0.315166	0.255111	1.63099	1.63099	0.0923814	0.14389	-2.14389	0.653814	1.20425	1.20425	0.375557	1.45416	1.45416	0.187405	1.77759	1.77759	0.053801	2.46329	2.46329	0.0599313	2.39622	2.39622	0.404258	1.42102	1.42102	0.664353	1.19692	1.19692	1.42235	3.8187	2.38647	1
cg14782621	TWIST1	0.315169	0.899829	0.977405	-1.02312	0.3719	1.19464	1.19464	0.186563	1.38565	1.38565	0.368454	0.845089	-1.15409	0.191235	1.28829	-1.28829	0.13894	1.34019	1.34019	0.0944	2.1726	2.1726	0.134778	1.34448	1.34448	0.54241	1.74604	1.74604	1.42234	0.746604	0.597079	1
cg18028579	ATP13A2;ATP13A2;ATP13A2	0.315173	0.801542	0.9004	-1.11106	0.0435337	0.374459	-2.66229	0.240485	0.7198	-1.38915	0.0591185	1.45902	1.45902	0.133173	0.508047	-1.96832	0.64659	1.82444	-1.21294	0.078577	0.440205	2.26226	0.833039	0.915511	-1.09222	0.738434	0.864369	-1.15691	1.42233	3.93894	2.46164	1
cg23536138	PHYHIP;PHYHIP	0.315173	0.344059	0.597377	-1.67398	0.7017	1.22561	1.22561	0.478708	1.4633	1.4633	0.814475	0.883153	-1.13231	0.886982	0.368206	-2.71587	0.292437	0.561369	-1.78136	0.0421202	0.290032	-3.44789	0.374373	0.617558	-1.61928	0.309191	0.573318	-1.74423	1.42233	6.2945	3.93376	1
cg26873338	CPSF6	0.315177	0.204802	0.53177	-1.88062	0.1541	0.476396	-2.09881	0.576226	0.576279	-1.73526	0.576279	1.16007	1.16007	0.758811	0.9222	-1.08436	0.448352	1.2251	1.2251	0.0516	1.265	1.265	0.302281	1.15245	1.15245	0.0517683	0.558713	-1.78981	1.42232	1.55798	0.973669	1
cg23999801	LHPP;LHPP	0.315184	0.300646	0.644985	-1.55042	0.727877	1.15353	1.15353	0.910554	1.04702	1.04702	0.257781	0.617022	-1.62069	0.0349301	0.363646	-2.74993	0.457129	0.730891	-1.36819	0.446165	0.72796	-1.3737	0.0593724	0.0148854	-2.38747	0.581377	0.796363	-1.25571	1.4223	3.76592	2.35357	1
cg02882004	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.315187	0.245887	2.24107	2.19107	0.199102	2.2946	2.2946	0.0193429	0.481864	-2.07528	0.178202	2.40045	2.40045	0.351137	1.7993	1.7993	0.371008	1.7567	1.7567	0.190264	1.36434	1.36434	0.362793	1.7595	1.7595	0.0490705	3.95609	3.95609	1.42229	8.44323	5.27469	1
cg17668069	UBTF;UBTF;UBTF	0.315188	0.200233	0.821452	-1.21736	0.0410237	1.40882	1.40882	0.805487	1.2663	1.2663	0.566307	0.93594	-1.06914	0.547795	0.915383	-1.09244	0.940119	0.989139	-1.01098	0.753687	0.955275	-1.04682	0.936117	1.01172	-1.01172	0.110914	0.779887	-1.28719	0.849025	1.02805	1.02805	1.42226	0.475952	0.297462	1
cg15163974	UCK2	0.315203	0.65724	1.08068	1.08068	0.221886	1.24991	1.24991	0.117868	0.744494	-1.34319	0.669676	1.07741	1.07741	0.249845	1.23238	1.23238	0.529756	1.11695	1.11695	0.0785566	0.712135	-1.40423	0.968455	1.00089	1.00089	0.598139	1.09682	1.09682	1.42225	0.680015	0.425002	1
cg14003134	TTC1	0.315204	0.243932	1.63232	1.63232	0.2015	0.754724	-1.32499	0.94336	0.957457	-1.04256	0.153872	0.566217	-1.76617	0.0134415	0.508185	-1.96932	0.703153	1.41777	1.41777	0.142975	0.511544	1.95519	0.0944702	1.90104	1.90104	0.557942	1.23032	1.23032	1.42225	1.72186	1.25135	1
cg05084668	ALG1L	0.315213	0.864461	1.25731	1.25731	0.0338674	0.0361529	-27.6603	0.13595	8.61457	8.61457	0.838378	0.760545	-1.31485	0.246203	0.196844	-5.08015	0.630254	0.522022	-1.91563	0.403828	0.318262	-3.14207	0.82801	1.33857	1.33857	0.546165	0.443059	-2.26727	1.42222	40.4595	25.2873	1
cg00452012	C1orf347;MAPKAPK5;MAPKAPK5;MAPK	0.315218	0.665775	0.908983	-1.10013	0.18037	0.731711	-1.36666	0.782003	1.06274	1.06274	0.556021	1.1397	1.1397	0.498897	1.16269	1.16269	0.192895	1.35336	1.35336	0.0964528	1.49297	1.49297	0.139485	0.705257	-1.41792	0.879206	0.967157	-1.03396	1.4222	1.08607	0.678806	1
cg12867705	APK5;MAPKAPK5	0.31522	0.353055	1.22941	1.22941	0.183657	1.35647	1.35647	0.147107	0.714422	-1.39973	0.386145	0.825291	-1.21169	0.0838086	0.51218	1.51218	0.526815	1.14866	1.14866	0.955084	0.982547	-1.01776	0.531288	0.871915	-1.1469	0.453961	1.17924	1.17924	1.4222	1.05224	0.65766	1
cg13397951	PASK	0.315225	0.927886	0.976162	-1.02458	0.411198	0.647307	-1.54457	0.526279	0.910603	-1.09823	0.167993	0.937399	-1.06715	0.184455	1.34955	-1.34955	0.263674	1.1443	1.1443	0.147045	1.26257	1.26257	0.0852267	1.83074	1.83074	0.986188	0.994514	-1.00552	1.42218	0.427436	0.42152	1
cg18348647	CNA1	0.315228	0.08381	0.493299	-2.02717	0.496345	1.29058	1.29058	0.693404	0.863864	-1.15759	0.159068	1.74344	1.74344	0.392992	1.38151	1.38151	0.502218	0.777621	-1.28597	0.118269	0.53453	-1.8708	0.590606	0.818261	-1.2221	0.801969	1.09726	1.09726	1.42217	3.07234	1.92028	1
cg05307752	ARHGAP15	0.315233	0.506895	0.784214	-1.27516	0.413981	0.739737	-1.35183	0.0367147	0.456409	-2.40149	0.465957	0.765036	-1.30713	0.768921	1.11221	1.11221	0.710805	1.1439	1.1439	0.268444	0.65962	-1.51602	0.177656	0.67721	1.67721	0.37823	0.721546	-1.38591	1.42217	2.93512	1.83452	1
cg15831998	FAM184A;FAM184A	0.315233	0.317751	0.63578	-1.57287	0.443601	0.709955	-1.40854	0.507074	1.34336	1.34336	0.794832	1.12107	1.12107	0.103185	0.457608	-2.18528	0.0932952	0.445035	-2.24701	0.187389	0.541846	-1.84554	0.109441	0.465149	-2.14985	0.790854	1.12363	1.12363	1.42216	4.33201	2.70762	1
cg02076642	BRI3BP	0.315234	0.405682	1.23009	1.23009	0.2726148	0.674921	-1.55419	0.863105	0.954242	-1.04642	0.0360838	0.338321	1.36129	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1110 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00817396	NSAM1?2	0.31540	0.277387	0.753025	-1.32974	0.2020351	1.40472	0.40472	0.0303848	1.90029	1.90029	0.8538809	1.047613	1.047613	0.574806	0.866762	-1.15372	0.782339	1.07237	1.07237	0.338402	0.779613	-1.28269	0.974503	0.99197	-1.0381	0.9329128	1.02146	1.02146	1.42142	1.43277	0.8959883	1
cg27202913	CDH15	0.31540	0.778417	1.08721	1.08721	0.470311	0.804356	-1.24323	0.0493657	0.5143224	-1.94431	0.417781	1.27819	1.27819	0.829803	0.938184	-1.06589	0.969043	0.987791	-1.01236	0.0594665	0.532274	-1.87873	0.2959	0.725216	-1.3789	0.731575	1.10658	1.10658	1.42142	1.97805	1.23698	1
cg17317359	AHNAK2	0.31545	0.438962	0.908959	-1.10016	0.34048	1.12613	1.12613	0.974863	0.996197	-1.00382	0.579547	0.934564	-1.07002	0.408091	1.10774	1.10774	0.738524	1.04134	1.04134	0.0152665	1.43366	1.43366	0.974584	0.996155	-1.00386	0.9638868	1.00549	1.00549	1.42141	0.329185	0.2058858	1
cg13531977	EPB41L4B;EPB41L4B	0.31549	0.234546	1.68505	1.68505	0.0206423	1.2098	1.2098	0.118774	2.03081	2.03081	0.9910497	1.995317	-1.0047	0.36618	1.47466	1.47466	0.394704	1.44007	1.44007	0.353386	1.49109	1.49109	0.2822101	1.596097	1.59609	0.9605053	1.02091	1.02091	1.4214	3.94064	2.46413	1
cg22736090	TEX2	0.31550	0.887003	1.03272	1.03272	0.353763	1.24119	1.24119	0.134942	0.69422	-1.44047	0.19746	0.734521	-1.36143	0.703213	1.09056	1.09056	0.303758	0.785668	-1.2728	0.837634	1.04757	0.868506	0.963171	-1.03824	0.0702499	1.58137	1.58137	1.42139	1.15457	0.722026	1
cg06405430	PCLO	0.31554	0.0851274	0.442787	-2.25842	0.139554	0.506401	-1.97472	0.312762	0.639637	-1.56339	0.49815	0.765046	-1.34642	0.3662	0.864922	0.4418872	-2.42794	0.377634	0.678807	-1.47317	0.513802	1.3276	1.3276	0.750687	1.14616	1.14616	0.752267	1.14118	1.44118	1.42138	1.42299	2.57839	1
cg18061579	ST18	0.31554	0.177825	3.11547	3.11547	0.691151	1.37288	1.37288	0.852344	0.8625544	-1.15936	0.184736	3.05375	3.05375	0.248406	2.60529	2.60529	0.620527	1.48598	1.48598	0.0477218	6.02989	6.02989	0.106696	4.0464	4.0464	0.128653	3.68125	3.68125	1.42138	14.1778	8.86637	1
cg07699277	GRM4	0.31553	0.498349	0.621661	-1.60929	0.0892138	3.57312	3.57312	0.0328846	5.63238	5.63238	0.4790022	6.608071	-1.64454	0.747467	0.79987	-1.2502	0.412511	1.78451	1.78451	0.571301	1.48507	1.48507	0.950851	0.9582897	-1.04353	0.9008062	1.09073	1.09073	1.42136	10.7557	6.7264	1
cg04299274	KSR1	0.31553	0.710091	0.8652141	-1.15575	0.0176047	3.06357	3.06357	0.257781	1.58055	1.58055	0.494582	1.30849	1.30849	0.443802	1.35344	1.35344	0.795788	0.9043552	-1.10576	0.714805	0.867394	-1.15288	0.223554	1.64159	1.64159	0.795904	1.1057	1.1057	1.42136	3.38268	2.11546	1
cg05143869	LIMK2;LIMK2	0.31555	0.13202	2.18569	2.18569	0.0511274	2.91074	2.91074	0.0332327	3.31081	3.31081	0.743441	1.17114	1.17114	0.496041	1.3944	1.3944	0.453479	1.44384	1.44384	0.815836	1.11876	1.11876	0.466495	1.42822	1.42822	0.876421	1.07773	1.07773	1.42135	5.20817	3.3571	1
cg00767296	RELB	0.31559	0.911543	0.7625144	0.7625144	0.2705557	2.90611	2.90611	?	?	?	?	?	?	?	?	?	0.100723	6.46103	6.46103	?	?	?	0.0841037	7.3573	3.9879	1.58251	14.6046	7.60063	1
cg13645651	MC4R	0.31552	0.393134	0.756164	-1.32246	0.822551	0.930747	-1.07441	0.497075	1.24644	1.24644	0.694003	1.13466	1.13466	0.739227	1.11264	1.11264	0.292978	1.41703	1.41703	0.0209709	0.417122	-2.42882	0.446528	0.780435	-1.28134	0.78588	0.916674	-1.0909	1.42134	2.29801	1.43715	1
cg26582098	SDUH	0.31552	0.317818	0.648055	-1.54308	0.193395	0.560924	-1.78277	0.175062	0.545589	-1.83288	0.918415	1.04398	1.04398	0.0243888	0.324043	-3.08601	0.233103	0.591415	-1.69086	0.242094	0.597898	-1.67253	0.886864	0.16163	1.06163	0.655019	0.827848	-1.20795	1.42133	3.97277	2.48453	1
cg24469159	THYN1;THYN1;THYN1;THYN1;THYN1;THYN1;THYN1;HYN1;THYN1;ACAD8;THYN1;TH YN1	0.31552	0.0297265	0.756087	-1.3226	0.681225	1.04617	1.04617	0.346294	1.11181	1.111811	0.618084	0.9465533	-1.05647	0.668548	0.954023	-1.04819	0.952769	1.00649	1.00649	0.52246	1.06792	1.06792	0.153043	0.846011	-1.18202	0.56769	1.06516	1.06516	1.42133	0.268835	0.168127	1
cg26780333	ACOT4 NEK11;NEK11;NEK11;NEK11;NEK11;NEK 11	0.31552?	0.414085	0.542779	-1.84237	0.403518	1.86943	1.86943	0.181725	0.354336	-2.82218	0.474527	0.587266	-1.70281	0.437279	0.559928	-1.78595	0.373175	0.512174	-1.95246	0.244371	0.410106	-2.43839	0.0623406	4.64362	4.64362	0.954225	0.958858	-1.04291	1.42132	12.0577	7.54087	1
cg08237663	ILASTE1	0.31559	0.872159	0.55666	1.05666	0.634287	0.495543	-2.01799	0.0313706	0.427705	-2.33806	0.50859	1.25304	1.25304	0.565648	0.822554	-1.21573	0.562357	0.821163	-1.21779	0.480748	0.785769	-1.27264	0.0927644	0.97111	-1.02975	0.782647	1.09575	1.09575	1.42131	2.54703	1.59292	1
cg05855124	TMEM132C	0.31553	0.979991	0.983555	-1.01672	0.45634	0.605567	-1.65135	0.401397	0.566732	-1.7645	0.279495	0.475507	-2.10302	0.109226	0.815152	-1.17327	0.795285	0.842052	-1.18757	0.0594271	0.244916	-4.08303	0.233598	0.43793	-2.28347	0.0493148	0.226855	-4.4081	1.4213	9.84055	6.15431	1
cg16184737	TTYH3	0.31555	0.340071	1.52605	1.52605	0.0760359	1.55395	1.55395	0.0134887	21.4623	21.4623	0.597751	2.00586	2.00586	0.415383	2.50018	2.50018	0.372345	1.31118	1.31118	0.156658	2.13218	2.13218	0.0373947	3.17268	3.17268	0.507372	2.40908	2.40908	1.42129	34.4688	24.0587	1
cg18163062	ACAP3 ZNF174;ZNF434;ZNF174;ZNF174;ZNF17 4	0.31553?	0.23587	1.36325	1.36325	0.150881	1.46818	1.46818	0.0662869	1.67169	1.67169	0.426301	1.22463	1.22463	0.50943	0.844703	-1.18385	0.392748	1.24409	1.24409	0.310684	1.29909	1.29909	0.0989452	1.57031	1.57031	0.167898	1.44287	1.44287	1.42129	1.40077	0.876057	1
cg04140803	4	0.31554	0.613452	0.82071	-1.21846	0.761754	1.12518	1.12518	0.842739	0.925846	-1.08009	0.574317	0.802403	-1.24626	0.268175	0.639304	-1.5642	0.3917	0.711488	-1.4055	0.0746121	2.16058	2.16058	0.136011	1.86478	1.86478	0.218779	1.65154	1.65154	1.42128	3.38682	2.11817	1
cg04018474	STX18	0.31554	0.46622	1.63214	1.63214	0.0292546	5.45731	5.45731	0.464979	0.93273	0.93273	0.710347	1.2795	1.2795	0.518552	1.54095	1.54095	0.270966	2.13231	2.13231	0.117486	2.57764	2.57764	0.383735	1.80415	1.80415	0.954839	0.963275	-1.03812	1.42128	9.82546	6.145	1
cg01461641	TMEM63A	0.31543	0.485638	0.858705	-1.16479	0.566332	0.93889	-1.06516	0.827421	1.04528	1.04528	0.288575	1.306496	-1.56031	0.258258	0.766455	-1.30441	0.307614	1.24077	1.24077	0.0854547	1.80235	1.80235	0.0957312	2.10408	2.10408	0.0422227	0.977571	0.6311241	1.42128	0.977571	0.6311241	1
cg16525575	TRIM2;TRIM2	0.31545	0.758487	1.04252	1.04252	0.935997	0.988821	-1.01028	0.257446	1.17299	1.17299	0.132817	1.24477	1.24477	0.179299	1.21238	1.21238	0.319586	1.14897	1.14897	0.985632	1.00243	1.00243	0.525574	1.09072	1.09072	0.0217435	1.45048	1.45048	1.42126	0.41029	0.256604	1
cg14286590	PSMB9;PSMB9;TAP1	0.31555	0.620037	0.901417	-1.1105	0.142473	1.718283	1.718283	0.186221	0.662559	1.09054	1.09054	0.515006	1.13509	1.13509	0.614187	0.880809	-1.11258	0.733878	0.930884	-1.07425	0.0250806	0.57369	-1.74289	0.808965	0.809448	-1.23541	1.24125	1.24125	1.42126	0.991545	0.620314	1
cg03936012	FAM48A;FAM48A	0.31552	0.9926	0.99797	-1.00203	0.802848	1.05833	1.05633	0.734175	1.08071	1.08071	0.933153	0.981789	-1.01855	0.298205	1.2662	1.2662	0.89669	1.02887	1.02887	0.0922402	0.598894	-1.66974	0.203332	1.32618	1.32618	0.135233	1.42296	1.42296	1.42124	1.08025	0.675623	1
cg17848828	HDGFRP3	0.31556	0.685677	1.05519	1.05519	0.549708	1.0832	1.0832	0.0753304	1.2988	1.2988	0.31566	0.871982	-1.14681	0.707682	0.951481	-1.05099	0.587499	0.930234	-1.075	0.273636	0.860347	-1.16232	0.993311	1.00111	1.00111	0.0813704	1.29056	1.29056	1.42123	0.39242	0.245433	1
cg26196087	NOTCH2	0.31559	0.19114	1.72312	1.72312	0.3811	0.5737317	1.74317	0.370387	1.36914	1.36914	0.646546	0.8675455	-1.15213	0.170119	1.24583	1.24583	0.422637	1.21158	1.21158	0.394018	0.82563	-1.21158	0.374023	1.23899	1.23899	0.05064	0.593199	0.8745365	1.42122	0.593199	0.8745365	1
cg01885814	COL18A1;COL18A1;COL18A1	0.31561	0.0791716	0.496485	-2.02149	0.0225785	0.372995	-2.681	0.942643	1.02465	0.558002	0.807393	-1.23855	0.265879	0.657918	-1.51995	0.904339	0.957511	-1.04437	0.563893	0.812044	-1.23146	0.763155	0.896606	-1.11532	0.237842	0.639847	-1.56287	1.41222	2.9354	1.83592	1
cg07744196	GSTT1;GSTT1	0.31555	0.48826	2.0478	2.0478	0.0238	0.63038	1.58648	0.75	1.33308	1.33308	?	2.90042	?	0.137283	1.84239	-2.53595	0.161559	1.75041	1.75041	0.0447212	1.53798	1.53798	0.0851483	1.26803	5.26802	0.838047	0.871972	0.6881144	1.42122	0.9882	0.6881144	1
cg01104079	SSPO	0.31557?	0.119161	0.439673	-2.27442	0.691459	1.21388	1.21388	0.408247	0.662981	-1.50832	0.574344	1.3175	1.3175	0.0486097	0.334708	-2.98768	0.448104	0.686848	-1.45593	0.10492	0.422743	-2.3655	0.508243	0.721726	-1.38557	0.300384	0.593674	-1.68443	1.42119	3.31394	3.32363	1
cg01159004	B4GALT5	0.31574	0.021707	0.189098	-5.28827	0.867633	0.9041	-1.10607	0.480289	0.648136	-1.54289	0.597301	1.38018	1.38018	0.284433	0.510661	-1.95825	0.822703	0.873158	-1.14527	0.27031	0.200115	0.958952	1.0316	1.0316	0.644448	1.32427	1.32427	1.42118	8.22202	5.14252	1
cg18701646	TRIO	0.31557	0.0557703	0.494284	-2.02276	0.0396	0.839207	-1.1916	0.0273421	0.60526	-1.65128	0.0237422	1.40723	1.40723	0.3199	1.56798	1.56798	0.0961498	1.31551	1.31551	0.11156	0.887014	0.939683	-1.06419	0.25711	0.57794	1.67794	0.0864854	0.2910015	1.42116	1.40826	0.245933	1
cg19472956	GFPT2	0.31558?	0.510363	1.23814	1.23814	0.576513	0.83485	-1.19782	0.928223	1.02924	1.02924	0.416158	0.766544	-1.30456	0.196127	0.64578	-1.54852	0.0391649	0.466004	-2.1459	0.208197	1.52882	1.52882	0.946109	0.978606	-1.02186	0.545812	1.21601	1.21601	1.42116	2.30359	1.44082	1
cg09174139	MOV10;MOV10	0.31585?	0.0794319	0.650102	-1.53864	0.773505	0.90817	-1.10107	0.48227	0.68619	-1.45578	0.681377	1.13831	1.13831	0.514187	0.880809	-1.11458	0.642957	0.914554	-1.09342	0.0524208	0.533884	1.14854	-1.34406	1.1387	0.8202118	0.820118	1.23541	1.24115	1.42115	1.0884	1.23931	1
cg06306636	SPIRE1;SPIRE1;SPIRE1	0.31559?	0.72313	0.738631	-1.35386	0.0331111	0.0733919	-13.6255	0.172285	0.290168	-3.44628	0.779053	1.27066	1.27066	0.416325	0.492868	-2.02894	0.519056	0.573089	-1.74493	0.631631	0.662724	-1.50892	0.747102	0.759151	-1.31726	0.790792	1.25413	1.25413	1.42111	16.3256	10.2115	1
cg10056132	C10orf53;C10orf53;C10orf53;C10orf53	0.3156	0.858252	1.13065	1.13065	0.596961	1.44273	1.44273	0.430725	1.73744	1.73744	0.633542	1.39083	1.39083	0.488973	0.617043	-1.62063	0.145397	0.341685	-2.92667	0.042834	0.201662	-4.95879	0.330846	0.50199	-1.99207	0.4226	1.75527	1.75527	1.42111	10.6185	6.64176	1
cg08304517	PRICKLE2	0.31561	0.359896	0.750387	-1.33318	0.33653	0.73181	-1.35353	0.31255	1.37593	1.37593	0.94273	1.002465	1.002465	0.580028	0.807393	-1.23855	0.263879	0.657918	-1.51995	0.904339	0.957511	-1.04437	0.563893	0.812044	-1.23146	0.763155	0.896606	-1.11532	0.237842	0.639847	-1.56287	1.41222	2.9354	1.83592	1
cg16991298	ATP1B2	0.31564	0.162642	2.07307	2.07307	0.0286409	2.07676	2.07676	0.102404	1.75211	1.75211	0.0237421	1.37701	1.37701	0.0383662	1.47167	1.47167	0.246311	1.82527	1.82527	0.0107971	2.77173	2.77173	0.0437663	1.77368	1.77368	0.0107971	0.837703	0.5204514	1.42108	0.837703	0.5204514	1
cg27312944	C1orf86;LOC100128003;C1orf86	0.31560?	?	?	?	0.310046	0.370453	-2.69939	0.701328	1.43398	1.43398	0.693618	1.44829	1.44829	0.140551	4.57402	4.57402	0.0601462	7.9287	7.9287	0.444333	2.08173	2.08173	0.431987	0.470319	-2.12621	0.706289	0.701811	-1.42489	1.53181	17.6962	8.76742	1
cg15672863	ABL1;ABL1	0.31558	0.443277	0.854818	-1.16984	0.6458109	0.914689	-1.09327	0.417237	1.18057	1.18057	0.899273	1.025768	1.025768	0.914187	0.890809	-1.11528	0.419869	0.84788	-1.17941	0.0256106	0.169623	1.69629	0.597311	1.1228	1.1228	0.312158	0.811172	-1.23287	1.42108	0.902294	0.564986	1
cg21902265	TNXB	0.31559	0.0679207	0.204183	-4.89757	0.268161	2.4501	2.4501	0.0127665	1.90544	1.90544	0.59892	0.662064	-1.51043	0.0737521	0.212244	-4.71157	0.932631	0.936691	-1.06759	0.812951	1.20224	1.20224	0.464706	1.06639	1.06639	0.346196	0.481418	0.72772	1.42108	1.38387	0.49975	1
cg20746096	SRGAP1	0.31561?	0.859608	0.932731	-1.07212	0.84881	1.07796	1.07796	0.170811	0.563455	-1.77477	0.40511	0.715299	-1.39802	0.213227	0.597141	-1.67465	0.258067	0.628633	-1.59075	0.976447	0.988455	-1.01168	0.0738008	2.18934	2.18934	0.33287	1.4813	1.4813	1.42107	3.48227	2.17818	1
cg27320142	PDIA5;PDIA5	0.31559	0.192154	1.79102	1.79102	0.3811	0.5737317	1.74317	0.0627792	1.65481	1.65481	0.771681	1.85233	1.85233	0.0355156	1.70065	1.70065	0.645235	1.19557	1.19557	0.394443	1.19443	1.19443	0.0863444	1.70467	1.70467	0.0975341	1.07513	1.044194	1.24586	1.42105	1.07513	1.044194	1.24586	1.42105	1.07513	1.044194	1.24586	1.42105

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	DF	F(Error
cg15703585	RSPH10B;RSPH10B2	0.315964	0.102893	0.246165	-4.06231	0.766634	0.915514	-1.2634	0.347574	0.467767	2.137782	0.259602	1.386979	-2.51903	0.103863	0.247315	-4.04343	0.567191	0.634855	-1.57516	0.459705	0.533571	-1.80645	0.337035	2.1762	2.1762	0.0714651	0.205696	-4.86154	1.42006	13.8801	8.68827	1
cg00057700	ACAD8;ACAD8;IKZF5	0.315967	0.297429	0.796813	-1.255	0.783316	0.15958	1.05968	0.0923779	1.47622	1.476622	0.340046	0.813219	-1.22968	0.260633	1.2798	1.2798	0.37333	0.82517	-1.21187	0.135744	1.40023	1.402023	0.372306	1.2124	1.2124	0.931967	1.08112	1.01812	1.42005	0.994936	0.622446	1
cg04880618	MXRA7;MXRA7;MXRA7	0.31597	0.205595	0.468704	-2.04623	0.502135	0.694041	-1.44084	0.872375	0.917409	-1.09003	0.161797	0.448863	-2.22785	0.21433	0.512499	-1.95122	0.296489	0.559672	-1.78676	0.0263182	0.24349	-4.10694	0.232212	0.510796	-1.95773	0.729456	1.20461	1.20461	1.42005	6.46594	4.0474	1
cg04189263	MAPKBP1;MAPKBP1	0.315973	0.616682	0.838297	-1.19289	0.0584595	0.111102	-2.11151	0.750736	1.13783	1.137783	0.303075	0.689918	-1.44945	0.22015	1.56921	1.56921	0.161155	0.592715	-1.68715	0.65857	0.856052	-1.16815	0.453895	0.765992	-1.30596	0.788213	1.09867	1.09867	1.42004	2.74716	1.71962	1
cg20041799	C14orf132	0.315977	0.744021	1.09407	1.09407	0.09967	1.64072	1.640072	0.0200744	2.159111	2.15911	0.960093	0.986364	-1.01382	0.948234	0.982341	-1.01798	0.432057	1.24611	1.24611	0.208429	1.43892	1.438892	0.921877	1.02728	1.02728	0.489251	1.21259	1.21259	1.42003	1.69341	1.06002	1
cg16264193	MOBKL2A	0.315985	0.251376	1.22845	1.22845	0.314863	1.19536	1.19536	0.316825	1.19444	1.19444	0.977235	1.00491	1.00491	0.108864	1.35017	1.35017	0.268836	0.820598	-1.21863	0.0693462	1.41785	1.41785	0.204818	1.25823	1.25823	0.760915	1.05186	1.05186	1.42	0.662297	0.415004	1
cg06528601	COTL1	0.315987	0.209885	0.701367	-1.42579	0.116151	0.632331	-1.58145	0.0810141	0.594928	-1.68088	0.644846	0.882859	-1.13268	0.193355	0.691098	-1.44697	0.25233	0.72544	-1.37847	0.0685192	0.57846	-1.72873	0.138536	0.651775	-1.53427	0.74511	0.916161	-1.09151	1.42	1.62052	1.01441	1
cg02737139	POPDC2	0.31599	0.299707	0.589324	-1.69658	0.776344	1.15219	1.152191	0.447607	1.46955	1.469551	0.728767	0.841019	-1.18903	0.0419349	0.316156	-3.1632	0.272844	0.56587	-1.76907	0.0771561	0.3762762	-2.65751	0.150265	0.608303	-1.64392	0.562257	0.747208	-1.33851	1.41999	5.56332	3.48254	1
cg12440566	ZNF703	0.315994	0.969942	0.992399	-1.00706	0.238202	0.765241	-1.30625	0.215941	0.865421	1.059217	1.03817	0.033847	-1.58915	0.108986	0.725579	-1.38585	0.462673	0.869731	-1.14978	0.824142	1.04243	1.042431	0.558144	1.1169	1.1169	0.575536	1.11139	1.11139	1.41998	0.783798	0.490648	1
cg03773413	ZNF124	0.316003	0.951484	0.975917	-1.02468	0.395612	0.705713	-1.41701	0.170745	0.557439	-1.79392	0.238956	0.61012	-1.63902	0.0251602	0.344092	-2.9062	0.245197	0.611968	-1.63407	0.522785	0.771446	-1.29627	0.748325	1.13766	1.13766	0.177561	0.563225	-1.77549	1.41995	3.60969	2.25966	1
cg04956661	VPS37D	0.316007	0.120947	0.804319	-1.24316	0.0784554	0.0956154	-2.10456	0.524267	0.748714	1.08714	0.238017	0.852149	-1.17355	0.0449668	0.622754	-1.60562	0.0594797	0.759297	-1.31701	0.450801	0.905327	-1.10457	0.396676	0.893725	-1.11899	0.924274	1.01494	-1.1189	0.853465	0.97635	-1.02422	1.4994	0.376828	2.353896	1
cg19516982	CCDC85A	0.316019	0.71941	0.807419	-1.23851	0.383047	1.69964	1.699644	0.480881	0.653858	-1.52938	0.26026	2.00631	0.221305	2.14329	2.14329	0.383054	0.69663	1.69963	0.0305993	0.51045	0.154505	0.198658	2.23771	2.23771	0.410881	1.64647	1.64647	1.4199	7.90701	4.94995	1
cg13591497	C8orf82;RNUSE;RNU5D;2CCHC9;2CCHC9;2CCHC	0.316021	0.122487	1.27029	1.27029	0.563641	1.08751	1.087551	0.354119	1.14601	1.146011	0.290726	1.16969	1.16969	0.280645	0.85188	-1.17387	0.294745	1.16806	1.16806	0.0985949	1.29554	1.29554	0.880206	0.978672	-1.02179	0.305404	0.859236	-1.16382	1.4199	0.459553	0.28769	1
cg05602479	9	0.316024	0.679188	0.936872	-1.06738	0.852318	0.971202	-1.02965	0.893756	0.979266	-1.02117	0.15273	0.771206	-1.29667	0.437249	0.892922	-1.11992	0.537049	0.906043	-1.10297	0.248784	0.522874	-1.20809	0.505171	1.11185	1.11185	0.0460142	1.43124	1.43124	1.4199	0.552871	0.346112	1
cg25421917	SHQ1	0.316029	0.764888	0.954045	-1.04843	0.0756507	0.828038	-1.20767	0.0175567	0.491853	-2.03329	0.796605	0.921354	-1.08536	0.218546	0.729568	-1.37067	0.645677	0.859569	-1.1204	0.547081	0.801911	-1.16021	0.143	0.679388	-1.47191	0.300785	0.760519	-1.3012	1.41988	0.55365	0.84883	1
cg05370193	ECE1;ECE1;ECE1;ECE1	0.316034	0.0805608	0.266397	-3.75379	0.232867	0.425803	-2.34851	0.498484	0.62564	-1.59836	0.321451	0.497032	-2.01194	0.0474763	0.212807	-4.6991	0.494457	0.622805	-1.60564	0.125314	0.322296	-3.10274	0.542938	0.656857	-1.5224	0.109023	0.30337	-3.29631	1.41986	10.4747	6.55756	1
cg19200331	SOWCS1;SOWCS1	0.316042	0.400653	1.23076	1.23076	0.358287	0.76207	1.31221	0.296245	0.73233	-1.36551	0.190912	0.671433	-1.48935	0.0686667	0.55646	-1.79708	0.787317	1.08089	1.08089	0.564598	1.53187	1.53187	0.895716	1.03844	1.03844	0.910483	1.03288	1.03288	1.41984	1.86047	1.16474	1
cg04931596	PSMA5	0.316043	0.672683	0.934657	-1.06991	0.163661	0.787249	-1.27025	0.111661	0.769597	-1.29938	0.773495	1.04753	1.04753	0.246885	0.822956	-1.21513	0.444899	0.882208	-1.13352	0.156032	0.783312	-1.27663	0.319481	1.18005	1.18005	0.257239	1.20958	1.20958	1.41984	0.582353	0.364581	1
cg16716750	RGS17	0.316045	0.525059	1.14403	1.14403	0.125525	1.41396	1.41396	0.928325	1.01898	1.018898	0.179863	1.34662	1.34662	0.259421	1.27865	1.27865	0.33334	1.23181	1.23181	0.198259	1.32854	1.32854	0.838532	0.958267	-1.04355	0.0294978	1.70839	1.70839	1.41983	0.981577	0.614519	1
cg16673477	CRTC1;CRTC1	0.316047	0.159357	0.459568	-2.17936	0.611949	1.29816	1.29873	0.475262	0.690072	-1.44912	0.2186479	2.62095	2.62095	0.284668	0.794197	-1.25913	0.859479	1.07623	1.07623	0.356183	0.617757	1.62	1.62	0.0496616	2.21918	0.81329	1.1285	1.1285	1.41982	5.87053	3.67528	1
cg02276269	UFC1	0.316051	0.21415	1.21411	1.21411	0.468435	1.11564	1.115564	0.666836	1.06635	1.066335	0.889139	0.978787	-1.02167	0.438424	0.889373	-1.12439	0.234707	0.831298	-1.20294	0.0381979	1.42811	1.42811	0.348309	1.154	1.154	0.764442	0.956401	-1.04559	1.41981	0.494799	0.309774	1
cg26298881	IRX3	0.316055	0.778806	0.905143	-1.1047	0.203119	0.625725	-1.59824	0.0127706	0.320776	-3.12035	0.452754	0.720076	-1.38905	0.141185	0.613036	-1.63067	0.780432	1.06355	1.06355	0.424337	0.729157	-1.37137	0.42393	0.839657	-1.19103	0.155102	0.95591	-1.0694	0.113001	1.88851	1.4198	1.89377	1.332626	1
cg19255554	KCNQ1;KCNQ1	0.316056	0.209501	0.519282	-1.92574	0.569005	0.751883	-1.32999	0.156736	0.472164	-2.11791	0.526674	0.727739	-1.37412	0.0496524	0.329731	-3.03277	0.0673172	0.362131	-2.76143	0.679684	0.814077	-1.22838	0.341988	0.615649	-1.6243	0.113595	0.426153	-2.34657	1.4198	5.51946	3.45555	1
cg15676544	DCHS1	0.316059	0.476519	0.86229	-1.1597	0.477406	0.862555	-1.15935	0.0452788	0.624957	-1.60011	0.374399	1.20516	1.20516	0.0655557	0.92266	-1.08382	0.25875	1.27274	1.27274	0.47395	1.16074	1.16074	0.913056	1.02261	1.02261	0.188354	0.751797	-1.33015	1.41979	0.942017	0.589769	1
cg26765300	THAP1;THAP1	0.31606	0.9488	1.00462	1.00462	0.0955167	0.93148	-1.07357	0.0934948	0.834877	1.04225	0.604225	0.93502	-1.06958	0.0704208	0.737055	-1.35673	0.0608899	0.534225	1.87144	0.0488355	0.344444	2.90373	0.0146603	0.0663663	3.98746	0.0251319	1.15497	1.15497	1.4079	9.5522	5.98036	1
cg00654461	PPY1CC	0.31606	0.200407	1.31979	1.31979	0.0473226	1.59289	1.59289	0.821776	0.954767	-1.04738	0.821931	0.954807	-1.04733	0.250223	1.27954	1.27954	0.81389	0.952771	-1.04957	0.924603	1.01961	1.01961	0.13395	0.717777	-1.39319	0.822996	1.04704	1.04704	1.41979	0.946456	0.592531	1
cg14859417	PTPRK	0.316062	0.304266	1.15633	1.15633	0.0922004	1.876766	1.14055	0.132289	1.14055	1.140551	0.0667121	1.13548	1.13548	0.120983	1.15254	1.15254	0.463063	0.883226	1.20446	0.761162	1.07889	1.07889	0.647883	1.2597	1.2597	0.768847	1.07617	1.07617	1.41978	1.38559	0.874902	1
cg18735146	PTBB;IFT88	0.316066	0.63552	1.3574	1.3574	0.342515	1.86991	1.862994	0.2826864	1.3959	1.3959	0.92328	1.06359	1.06359	0.732178	0.480505	2.08114	0.54482	0.675545	1.48029	0.76582	1.21066	1.21066	0.484019	1.22653	4.22653	0.855153	1.88963	1.12406	1.41977	5.21022	5.76633	1
cg02349078	FHAD1	0.316068	0.864336	0.971808	-1.02901	0.34682	0.850439	-1.17586	0.254969	1.21988	1.21988	0.528695	1.11264	1.11264	0.67242	0.931349	-1.07371	0.0344428	1.51523	1.51523	0.13116	1.31331	1.31331	0.936167	0.986695	-1.01348	0.587073	1.09604	1.09604	1.41976	0.628821	0.393694	1
cg22517552	NDD1	0.316071	0.32951	1.36138	1.36138	0.0973362	2.22053	2.22053	0.0134138	1.08914	1.089142	0.929112	1.0569	1.0569	0.825185	0.94792	-1.05495	0.0338862	2.74356	2.74356	0.0274257	0.708164	1.4121	1.4121	0.429877	1.3884	1.3884	0.51104	1.31189	1.31189	0.43475	1.72907	2.33472	1
cg06826878	PPP1R3E	0.316072	0.505798	0.907302	-1.10217	0.686836	0.943276	-1.06013	0.69108	0.944072	-1.05924	0.182461	0.815569	-1.22614	0.545865	1.06698	1.06698	0.335167	1.15396	1.15396	0.681633	0.842299	-1.06123	0.185993	1.2239	1.2239	0.0524401	1.37407	1.37407	1.41975	0.466818	0.292269	1
cg16520800	CYB5R1;CYB5R1	0.316073	0.410481	1.1557	1.1557	0.203119	0.852545	1.16812	0.163356	1.13301	1.133011	0.0757455	1.12572	1.12572	0.0478421	1.13035	1.13035	0.0574556	1.14185	1.14185	0.0455024	1.14324	1.14324	0.0210795	1.07703	1.07703	0.391215	0.985104	0.985104	1.41974	2.13665	1.54548	1
cg23512654	BAZ1A;BAZ1A	0.316075	0.518754	1.24128	1.24128	0.342195	1.38176	1.38176	0.111799	1.77215	1.77215	0.517058	0.804895	-1.2424	0.319427	1.4049	1.4049	0.161292	0.610001	-1.63934	0.173355	1.61393	1.61393	0.170844	1.61905	1.61905	0.885517	1.04875	1.04875	1.41974	2.45481	1.53694	1
cg06975633	MGC27382	0.31608	0.474192	1.4364	1.4364	0.284641	2.58461	2.58461	0.695283	1.26836	1.268359	0.269899	0.564611	-1.77113	0.249523	0.549475	-1.81992	0.485808	1.42244	1.42244	0.351612	0.62067	-1.61116	0.153551	2.13887	2.13887	0.587141	1.31361	1.31361	1.41973	5.56637	3.48508	1
cg04090400	DPH4L13	0.316082	0.217828	0.790458	-1.26424	0.306056	0.46961	-2.12966	0.0218848	0.668566	1.495	0.604225	0.64925	-1.54101	0.64208	0.937055	-1.06707	0.864306	1.13483	1.13483	0.548135	1.04331	1.043311	0.858162	1.4494	1.4494	0.0509923	1.13933	1.13933	1.41972	0.729783	0.513599	1
cg24593372	C1orf83	0.316082	0.513003	0.675101	-1.48126	0.204586	0.452591	-2.2095	0.0985579	0.342051	-2.92354	0.610859	0.737929	-1.35514	0.0205628	0.191634	-5.21828	0.713228	0.803638	-1.24434	0.600173	0.731096	-1.36781	0.735015	1.22285	1.22285	0.388507	0.592511	-1.68773	1.41973	7.88592	4.93737	1
cg02289599	BAT2L1	0.316083	0.812331	1.05108	1.05108	0.0844305	0.611564	1.63622	0.694691	1.21891	1.218911	0.620594	0.664421	-1.50275	0.0911496	0.675446	-1.48049	0.0945019	0.937193	-1.06711	0.0438826	0.272118	0.67488	0.481075	0.6905	1.44828	0.0497172	1.6048	1.6048	1.4196	1.218	1.060456	0.767093	1.413062	0.56032	0.54392	1
cg16166011	ADD2;ADD2;ADD2;ADD2;ADD2	0.316083	0.425697	1.74031	1.74031	0.128191	1.0653	1.0653	0.491071	1.61029	1.61029	0.665507	0.602959	-1.65849	0.410464	0.566249	-1.76601	0.770764	1.819543	1.22019	0.219778	0.415236	-2.40827	0.0683358	0.249046	-4.01533	0.955502	1.03874	1.03874	1.41972	0.4322	0.53159	1
	MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7																																
cg04568117	TSEN34;TSEN34	0.316091	0.706713	1.10024	1.10024	0.258204	0.742179	-1.34738	0.771444	0.929031	-1.07639	0.589259	1.1477	1.1477	0.0378093	0.544036	-1.83811	0.186728	1.42436	1.42436	0.789382	0.934577	-1.07	0.327556	1.29101	1.29101	0.820449	1.05914	1.05914	1.4197	1.43615	0.899192	1
cg14431789	SORBS1;SORBS1	0.316096	0.638139	1.13538	1.13538	0.618246	0.874013	-1.14415	0.54871	1.17662	1.17662	0.0457199	1.84775	1.84775	0.554355	1.12839	1.12839	0.179749	1.46507	1.46507	0.105324	1.6069	1.6069	0.422324	0.802769	-1.24569	0.654908	0.886405	-1.12815	1.41968	1.61536	1.0114	1
cg24315913	SNAPIN	0.316097	0.688222	0.937684	-1.06646	0.152195	1.27797	1.27797	0.213767	1.23222	1.23222	0.775873	1.04658	1.04658	0.390055	1.15084	1.15084	0.729508	0.946135	-1.05693	0.0516841	0.70241	-1.42367	0.857839	1.02901	1.02901	0.353145	1.16462	1.16462	1.41968	0.5721	0.358202	1
cg17365135	ZSCAN5;ZSCAN5	0.316098	0.947514	1.0456	1.0456	0.729511	0.919088	-1.08806	0.352096	0.484389	-2.06446	0.96704	1.0101	1.0101	0.0417825	1.12061	1.12061	0.94713	1.0162	1.0162	0.947353	0.97351	-1.02708	0.947353	1.15593	1.15593	0.267453	0.97351	-1.02708	0.947353	1.15593	1.41967	0.119576	0.832215	1
cg00566187	GAUN72	0.316101	0.237324	0.656512	-1.5232	0.370604	1.36681	1.36681	0.078353	1.54116	-1.94141	0.91125	1.03863	1.03863	0.0705976	1.08372	1.08372	0.782682	0.910295	-1.09854	0.331337	0.711276	-1.40592	0.981783	0.992269	-1.00779	0.173221	0.610315	-1.6381	1.41967	2.59795	1.62664	1
cg05052031	TMPPE;TMPPE;GLB1;GLB1;GLB1	0.316101	0.0360717	4.55106	4.55106	0.160565	2.50687	2.50687	0.567799	1.42051	1.42051	0.986021	1.01069	1.01069	0.163023	2.49138	2.49138	0.352566	1.79159	1.79159	0.337419	0.547162	-1.82761	0.882289	0.913995	-1.0941	0.800721	1.16596	1.16596	1.41953	8.33481	4.4416	1
cg01267941	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.316102	0.333035	1.54228	1.54228	0.823534	1.10238	1.10238	0.759319	0.875122	-1.1427	0.678936	0.834772	-1.19793	0.0181071	0.287825	-3.47433	0.290811	0.621486	-1.60905	0.515132	0.750989	-1.33158	0.419765	0.609298	-1.64001	0.736241	1.15794	1.15794	1.41967	4.23204	2.65034	1
cg10798175	SAMD4A;SAMD4A;SAMD4A	0.316102	0.901835	1.0525	1.0525	0.945483	0.972044	-1.02876	0.0534022	0.402615	-2.48376	0.743337	1.14595	1.14595	0.122284	0.499389	-2.00245	0.700122	0.851746	-1.17406	0.241909	1.66173	1.66173	0.243139	1.65932	1.65932	0.916386	1.04451	1.04451	1.41967	3.86546	2.42026	1
cg23049178	GXYLT2	0.316114	0.580591	0.893968	-1.11861	0.831963	0.958222	-1.0436	0.984421	0.996086	-1.00393	0.875741	1.03191	1.03191	0.593412	1.11431	1.11431	0.752817	1.06551	1.06551	0.815282	1.81879	1.81879	0.511474	1.1431	1.1431	0.153729	1.359	1.359	1.41963	0.906955	0.567881	1
cg21029623	FBLN2;FBLN2;FBLN2	0.316122	0.41988	1.23926	1.23926	0.346256	1.46962	1.469624	-1.02747	0.737867	1.1665	1.1665	0.202966	1.66154	1.66154	0.0249443	1.66154	0.283216	1.45982	1.45982	0.0193583	2.12795	2.12795	0.0139747	1.10682	1.10682	0.379326	0.859413	-1.16359	0.64062	1.4446	2.79292	1
cg07265985	OBSL1	0.316137	0.701326	1.07937	1.07937	0.086349	0.686933	-1.45575	0.611707	1.10679	1.10679	0.23094	0.779256	-1.28327	0.621007	1.10382	1.10382	0.3257	0.817807	-1.22278	0.549256	1.12761	1.12761	0.0951572	1.43824	1.43824	0.620751	0.905876	-1.1039	1.41957	0.883174	0.553017	1
cg06380308	TRIM56	0.316138	0.551768	0.785928	-1.27238	0.639495	1.20775	1.20775	0.0223859	1.337942	1.29508	0.565943	0.792812	-1.26133	0.778103	1.4237	1.4237	0.451634	1.33911	1.33911	0.357913	0.840217	1.46017	0.464155	1.34827	1.34827	0.0494656	0.760109	1.31556	1.41956	1.55914	2.22568	1
cg13395086	SIPA1;SIPA1	0.316138	0.508523	0.759955	-1.31587	0.171101	0.550777	-1.81562	0.291709	0.639066	-1.56478	0.0624629	0.423949	-2.35877	0.0749892	0.450844	-2.21806	0.580869	1.25637	1.25637	0.239718	0.604203	-1.65507	0.62508	0.817456	-1.22331	0.159494	0.540506	-1.85012	1.41956	3.76579	2.35802	1
cg07210835	PLP2	0.316144	0.134327	0.252253	-3.96427	0.638075	0.667513	-1.4981	0.937058	0.934844	-1.0697	0.18645	3.30301	3.30301	0.217616	0.330716	-3.02374	0.0644485	0.169966	-5.88151	0.562081	0.606491	-1.64883	0.226569	0.338528	-2.95396	0.449457	0.518149	-1.92995	1.41955	16.3621	10.2456	1
cg07078190	LOC100130331	0.316147	0.276082	1.32505	1.32505	0.318995	0.719118	-1.39058	0.240755	0.440195	-2.27108	0.240755	0.745359	-1.34177	0.0442762	0.576869	-1.73347	0.276064	1.43146	1.43146	0.247672	0.554607	-1.80308	0.936841	1.06078	1.06078	0.467951	0.576507	-1.73444	1.41954	1.32644	0.80512	1
cg08315483	KIAA0182;KIAA0182	0.316148	0.237576	1.42571	1.42571	0.583093	1.17222	1.17222	0.029373	2.08863	2.088633	0.837273	0.942753	-1.06072	0.824099	1.0659	1.0659	0.821719	0.937352	-1.06684	0.137841	0.632521	-1.58098	0.575702	1.00877	1.00877	0.667291	1.13198	1.13198	1.41953	1.8474	1.15681	1
cg15146204	DCP1A	0.316159	0.84228	1.04828	1.04828	0.623238	1.34388	1.343884	0.333534	1.10645	1.106455	0.0248896	0.890033	-1.14536	0.178802	0.740652	-1.35016	0.0523737	1.02822	1.02822	0.919023	0.911823	1.06598	1.06598	0.0312127	1.2634	1.2634	0.0499995	1.03127	1.03127	1.41953	2.58309	1.83459	1
cg05638830	KIAA0494	0.316166	0.129381	1.365097	-2.739	0.267337	0.491367	-2.03514	0.958927	0.968828	-1.03218	0.553087	0.69145	-1.44624	0.164997	0.402212	-2.48625	0.0940971	1.32243	1.32243	3.10144	0.0351219	0.221057	-4.52371	0.533689	0.678675	-1.47346	0.359572	0.560179	-1.78514	1.41949	0.958075	0.532321	1
cg20759595	MPHOSPH8	0.316166	0.566845	0.79814	-1.25291	0.681217	1.17455	1.17455	0.286065	0.649527	-1.53958	0.012789	0.299836	-3.33516	0.999177	1.0004	1.0004	0.501675	0.766752	-1.3042	0.413837	0.722263	-1.38454	0.853316	0.93045	-1.07475	0.720745	1.14624	1.14624	1.41948	3.41042	2.13563	1
cg20096397	TLX1NB;TLX1;TLX1	0.316172	0.0794623	0.599751	-1.66753	0.259224	0.151506	-2.6605	0.0775203	0.337102	-2.96548	0.0103126	0.139301	-4.18627	0.0131105	0.240442	-4.15826	0.0838564	0.552059	-1.81072	0.0904483	0.238874	-4.18705	0.0115628	0.080654	-12.3975	0.0251549	0.968719	1.01039	1.01039	1.41947	1.65651	0.97721	1
cg16749456	TRPM4	0.316173	0.0852158	0.419772	-2.38225	0.429532	0.692216	-1.44463	0.426263	0.690335	-1.44857	0.505025	1.36145	1.36145	0.0762787	0.406706	0.45878	0.136934	0.485151	-2.0768	0.8548	1.08715	1.08715	0.22123	0.556237	-1.79779	0.725466	1.17448	1.17448	1.41946	4.67786	2.92934	1
cg18376219	MTHFSD;MRPL13;MRPL13	0.316179	0.0683864	1.3948	1.3948	0.593048	1.12126	1.12126	0.0992702	1.44651	1.44651	0.861653	0.972212	-1.02858	0.890818	0.978055	-1.02244	0.447777	1.3215	1.3215	0.223484	1.08853	1.08853	0.0911858	1.12567	1.12567	0.0307127	1.18604	1.18604	1.41945	0.586808	0.367473	1
cg04273417	DYNC1H1	0.316183	0.973121	0.00713	1.00713	0.287404	1.26211	1.262111	0.0907706	1.4809	1.4809	0.966622	1.008886	1.008886	0.316545	0.803953	-1.24385	0.566342	1.885008	1.12993	0.22095	1.31149	1.31149	0.0821593	1.50058	1.50058	0.603164	0.895362	1.11687	1.41943	0.998404	0.625228	1
cg11763337	TMEM104	0.316185	0.894881	0.941287	-1.06238	0.116644	2.21587	2.21587	0.062288	2.63175	2.631375	0.468767	1.40128	1.40128	0.915888	0.952796	-1.04954	0.522061	1.34579	1.34579	0.10157	2.2715	2.2715	0.69517	1.19751	1.19751	0.311612	0.619324	-1.61466	1.41943	4.70956

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(127 vs. N)	Fold-Change(127 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(63 vs. N)	Fold-Change(63 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05567409	CENPH		0.5436821	1.28957	0.598879	1.22835	0.5151663	1.29245	0.4209997	1.2533144	-1.36399	0.925429	-1.03673	1.03673	0.0416529	0.4045511	-1.47212	0.6345555	0.83151	-1.20263	0.4855666	0.7610351	-1.31397	0.1220156	1.90744	1.90744	1.41867	3.13608	2.09028	1		
cg16687867	DLAT;DLAT		0.1064455	1.0074	0.0665672	0.7651164	-1.30691	0.9914977	0.998651	-1.00139	0.6299951	0.761754	-1.31276	0.72986	0.9559	-1.04614	0.3547227	0.883489	-1.13188	0.8803447	0.77694	-1.29811	0.199418	0.8382878	-1.19292	0.6771757	0.946053	-1.057002	1.41866	0.3803693	0.2383328	1
cg19667709	ZNF41;ZNF41		0.3165457	0.06863333	0.0502003	-19.9202	0.2605515	0.1785911	-5.59938	0.982626	0.9685542	-1.03248	0.231278	0.31619	0.31619	0.143529	10.0461	10.0461	0.4123302	0.2921674	-3.4227	0.7007118	0.56729	-1.76277	0.4086662	0.2892484	-3.45725	0.9678335	0.9425291	-1.06098	1.41865	48.4108	30.3329	1
cg12582008	OLFM4		0.4603461	2.09169	2.09169	1.98161	1.677771	1.677776	0.113309	0.85851	1.858851	0.6426566	0.8377141	-1.19454	0.6095555	0.8493119	-1.17741		0.3032039	0.954785	-1.04736	0.9360471	1.031	1.031	0.12565	1.87842	1.87842	0.1663396	1.75309	1.75309	0.4186	3.25181	2.03756	1
cg04849878	FGFR4;FGFR4;FGFR4 ZDHHC3;EXOSC7;EXOSC7;ZDHHC3;ZDH		0.3164478	0.549246	0.706921	-1.41459	0.1177557	2.645661	0.5413051	0.684082	-1.46181	0.603566	0.742056	-1.34761	0.1183178	0.378944	-2.63891		0.8838373	1.08725	1.08725	0.0585791	0.294357	-3.39723	0.920476	0.944447	-1.05882	0.4723202	0.658078	-1.51958	1.44159	7.36015	4.61187	1
cg08543242	HC3		0.3164841	0.22368	1.18871	1.18871	0.782201	1.03819	1.03819	0.785961	0.9638861	-1.03749	0.501328	1.09668	1.09668	0.593106	1.07566	1.07566		0.9694932	1.0052	1.0052	0.0184232	0.679327	-1.47205	0.91939	1.01378	1.01378	0.7988551	1.03512	1.03512	1.84558	0.410829	0.257427	1
cg17160607	NCRNA00154;NCRNA00164		0.3164691	0.254718	1.13802	1.13802	0.3668823	0.7969017	-1.25484	0.4596628	0.8315641	-1.30244	0.2161111	1.37539	1.37539	0.4529996	1.20586	1.20586		0.4509985	0.828571	-1.20691	0.8634664	1.04505	1.04505	0.5188843	1.16458	1.16458	0.0560052	0.588588	-1.69898	0.41955	1.347	0.8440557	1
cg07578079	CUGBP2;CUGBP2;CUGBP2;CUGBP2		0.3164944	0.411245	0.5459911	-1.83355	0.6651164	1.36914	1.36914	0.20446	2.62801	2.62801	0.848146	0.0545156	1.43895	0.0546655	0.2237222	-4.46983		0.6376544	1.40818	1.40818	0.267887	0.43396	-2.30436	0.461633	1.71726	1.71726	0.1792398	0.357273	-2.79898	1.41855	11.6964	7.32917	1
cg17609130	RAB36		0.3165495	0.100889	0.534937	-1.86938	0.3456618	1.40242	1.40242	0.728862	0.8858888	-1.12881	0.872241	1.05764	1.05764	0.0449753	0.4488228	-2.22803		0.3063302	0.691573	-1.44598	0.336518	0.7082	-1.41203	0.916297	0.9640557	-1.03728	0.2308894	0.645588	-1.54897	1.48554	2.72371	1.70673	1
cg24473109	FOXN4		0.3165501	0.150267	0.4459198	-2.24333	0.5864633	1.27	1.02227	1.22	1.220729	1.796337	0.2139778	1.796337	0.8865568	1.18882	1.18882	0.3169645	0.3070808	0.9084755	0.93645	-1.06786	0.6944302	0.2739952	1.10564	1.10564	0.6534893	0.7725597	1.29434	1.41853	7.32353	4.58913	1
cg18781240	WASF3		0.3165506	0.540335	0.884023	-1.13119	0.686761	0.922547	-1.08396	0.691746	1.08247	1.08247	0.126667	1.38896	1.38896	0.040832	0.6253324	-1.59917	0.580668	0.894977	1.11735	0.3327823	1.22246	1.22246	0.560746	0.8896071	-1.12409	0.683296	1.08499	1.08499	1.48351	0.888448	0.556732	1
cg20191922	CITA		0.3165508	0.09487227	0.2979151	-3.5764	0.146355	0.9183747	1.29206	0.438732	1.570397	-1.73037	0.1994288	0.5455468	-1.83268	0.084768	0.2642212	-3.78641	0.2489797	0.418865	2.38867	-1.07085	0.8028855	0.2636823	-3.79129	0.413249	0.5599338	-1.78783	1.4355	10.829	6.78987	1
cg22970357	EN1		0.3165516	0.624337	0.7202115	-1.38407	0.5766667	1.45504	1.45504	0.113697	1.64072	1.14072	0.7048778	1.28792	1.28792	0.605512	0.7071787	-1.41405	0.940339	1.05103	1.05103	0.8505057	0.881749	-1.13411	0.0203673	1.41836	0.416356	0.5664456	1.47012	1.47012	1.18548	0.933993	0.2251	1
cg04513669	SH3GLB1		0.3165523	0.453644	0.886549	-1.12797	0.9020229	0.98076	-1.01962	0.947843	0.9897733	-1.01037	0.545941	1.00121	1.00121	0.114125	1.33122	1.33122		0.681669	1.06727	1.06727	0.0367338	0.681948	-1.46639	0.389967	1.14909	1.14909	0.835928	1.03326	1.03326	1.41846	0.5590662	0.350339	1
cg20932822	CMTM8		0.3165525	0.6560923	1.18566	1.21816	0.7739042	1.40622	2.40922	0.763793	-1.29971	0.106318	0.491172	-2.03594	0.5152254	1.30455	1.29041	0.545604	1.54894	0.7998643	0.902692	-1.1078	0.6442127	1.20608	1.20608	0.167684	1.80858	1.80858	0.597262	0.8006669	-1.23967	1.4184	3.64726	2.28569	1
cg00030510	RPH3AL		0.3165525	0.2928831	0.716774	-1.39514	0.3849003	0.7619884	-1.31236	0.116097	0.5938867	-1.68388	0.926358	1.02861	1.02861	0.100067	0.573049	-1.73296		0.9431557	0.978475	-1.022	0.11976	0.5974664	-1.67374	0.278004	1.41088	1.41088	0.2566877	0.696806	-1.43512	1.41846	2.09166	1.31076	1
cg24404008	PTBD3;SMC4		0.3165533	0.3563356	0.6210246	-1.61019	0.534475	0.6193838	-1.61532	0.0261514	3.76317	3.7617	0.262138	1.798744	1.798744	0.0499	0.4871099	-2.05291		0.6099025	1.2154	1.2154	0.425027	1.50817	1.50413	0.8676085	0.9190694	-1.08732	0.4363133	1.49019	1.49019	1.41843	5.663912	3.54915	1
cg00473916	NCKAP1;NCKAP1		0.3165547	0.4060034	0.9209	-1.08546	0.2040529	0.4756256	-2.09971	0.10618	0.491172	-2.03594	0.5152254	1.30455	1.29041	0.545604	1.54894		0.7998643	0.9026932	-1.1078	0.6442127	1.20608	1.20608	0.167684	1.80858	1.80858	0.597262	0.8006669	-1.23967	1.4184	3.64726	2.28569	1
cg00029640	USF2;USF2		0.3165555	0.8094488	1.04319	1.04319	0.1989574	1.5749	1.5749	0.707006	0.8812798	-1.13469	0.435768	1.30484	1.30484	0.115593	0.5641671	-1.77253		0.24368	1.5041	1.5041	0.94574	1.02304	1.02304	0.183079	1.60437	1.60437	0.115832	1.77175	1.77175	1.41838	2.51553	1.57646	1
cg11505240	COPS7A;COPS7A;COPS7A;COPS7A		0.3165558	0.0975009	0.698239	-1.43103	0.2399994	0.8044999	1.26853	0.163992	0.9833337	1.01695	0.627349	0.9078982	1.09876	0.0960202	0.7992274	1.05195		0.5522113	1.18264	1.18264	0.1918876	0.6273894	-1.48723	0.8674656	0.9428154	-1.06081	0.6732569	0.9106631	-1.08709	1.41835	0.8765599	0.549369	1
cg02027717	FBLN2;FBLN2		0.3165572	0.8300669	0.933284	-1.07149	0.311889	1.39946	1.39946	7	?	?	0.2165775	0.6585542	-1.51851	0.36378	0.74094	-1.34964		0.8656111	1.05571	1.05571	0.0372042	2.175	2.175	0.883132	0.9539114	-1.04831	0.7615565	1.10271	1.10271	1.41771	2.05988	1.45296	1
cg08794582	LPCAT1		0.3165572	0.3890552	0.8613778	1.21582	0.181991	1.51071	1.51071	0.0745941	1.581155	1.581155	0.1183372	1.581155	1.581155	0.0719565	0.6273689	-1.59227		0.7938067	1.01858	1.01858	0.9238307	1.02862	1.02862	0.7704941	1.372227	1.372227	0.1438322	1.372227	1.372227	1.41832	1.34319	0.9478245	1
cg16333440	ZNF311		0.3165574	0.14129	0.67142	-1.48938	0.126423	0.6594488	-1.51642	0.071323	0.6021757	-1.66065	0.87406	1.04075	1.04075	0.932335	1.02161	1.02161		0.6639313	0.895751	-1.11638	0.6335	1.12858	1.12858	0.325612	0.77446	-1.29122	0.0929054	0.6278	-1.59286	1.41832	1.42441	0.892707	1
cg22451184	MYO19;MYO19;MYO19 SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9		0.3165581	0.464778	0.9042203	-1.10592	0.0691938	0.7594475	-1.3167	0.231924	0.84395	-1.1849	0.467654	1.10518	1.10518	0.041824	0.97357	-1.02715		0.492443	0.909972	-1.09894	0.212324	0.8537133	-1.19455	0.0541235	0.749335	-1.3442	0.277324	0.858223	-1.1652	1.4183	0.4113574	0.257809	1
cg00930521	SEPT9		0.3165585	0.7076515	1.13067	1.13067	0.5599318	2.02549	2.02549	0.36681	1.35282	1.35282	0.726513	1.12126	1.12126	0.427453	1.30224	1.30224		0.9555516	1.01835	1.01835	0.0279751	2.331	2.331	0.964949	0.985779	-1.01443	0.6844005	0.875294	-1.14247	1.41829	2.38639	1.49563	1
cg04717051	LCA5;LCA5		0.3165585	0.381554	0.7950668	-1.2569	0.7093838	0.9191203	-1.08753	0.1188	0.6678307	1.10037	0.2849459	1.601066	1.601066	0.0165087	-1.27941		?	?	?	?	1.32914	1.32914	0.7088855	0.9109857	-1.10063	0.8982777	0.967829	-1.03324	1.41767	1.39562	0.8302055	1		
cg03851976	MITF;MITF;MITF;MITF		0.3165597	0.541709	0.958021	-1.16303	0.6012882	0.8779055	-1.13759	0.203663	0.72034	-1.38823	0.0769327	0.6182226	-1.67153	0.0582558	1.5929592	1.6875		0.9887719	1.00346	1.00346	0.5119128	1.17326	1.17326	0.571058	1.15024	1.15024	0.5444844	1.16182	1.16182	1.41825	1.3427	0.8415351	1
cg13180038	GPD2;GPD2		0.3166	0.4320744	1.13552	1.13552	0.5224448	0.9020355	-1.10821	0.277741	1.11592	1.11592	0.630523	0.9260159	-1.07894	0.4741169	1.12229	1.12229		0.1185132	0.764453	-1.30812	0.501151	1.11429	1.11429	0.6574318	1.38375	1.38375	0.376928	1.15455	1.15455	1.41824	0.5643222	0.353691	1
cg16605224	HOXC4;HOXC5		0.3166005	0.0407919	0.3166005	-3.15776	0.0406782	0.2974993	-3.36153	0.0261853	2.183633	2.183633	0.140065	1.410065	1.410065	0.0659568	1.75154	1.75154		0.6313363	1.14934	1.14934	0.4124234	0.6031351	0.603135	0.765209	0.8823823	-1.13348	0.7459006	0.7212	-1.38683	1.11883	0.7259947	1.34403	1.34403	1.41824	0.5643222	0.353691	1
cg01678172	GPR135		0.3166006	0.3383556	0.749676	-1.33391	0.226023	0.6899554	-1.44937	0.298502	1.3697	1.3697	0.206211	1.475386	1.475386	0.0660833	0.8790661	-1.13758		0.4161552	1.27457	1.27457	0.0731569	1.79208	1.79208	0.56466	0.8399516	-1.1906	0.5358525	1.20085	1.20085	1.41823	1.91421	1.19975	1
cg24688563	VANGL2		0.3166007	0.2535935	0.6938389	-1.44282	0.0844642	0.5020345	-1.99233	0.322651	0.7304894	-1.36902	0.7982315	0.9242633	-1.08194	0.6533325	0.5509216	-1.81476		0.2510225	0.6011	-1.6639	0.0662304	0.5307357	-1.8841	0.66846	1.14163	1.14163	0.2239406	0.6785822	-1.47366	1.4182	1.23156	0.3372	1
cg26529950	5		0.3166009	0.366021	0.8795147	-1.13649	0.6072662	1.1074	1.32774	0.0881449	1.39713	1.39713	0.450158	1.11223	1.11223	0.0797741	0.995116	-1.00485		0.301169	0.862356	-1.15971	0.6085969	1.06134	1.06134	0.8304308	1.03088	1.03088	0.14822	0.429208	0.429208	1.41821	0.3269012	1	
cg00447092	MR1		0.3166014	0.6891884	1.14867	1.18362	0.6464118	1.38778	1.38778	0.28778	1.59341	1.59341	0.660029	1.24377	1.24377	0.335056	0.6510129	-1.51715		0.58238	1.26222	1.26222	0.453743	1.37713	1.37713	0.8656662	0.9722178	1.01178	1.18178	1.4182	1.94896	2.47511	1		
cg18476530	LOC100130987;CLCF1;CLCF1		0.3166015	0.0940348	0.0935035	-10.6948	0.148057	0.136396	-7.33158	0.17292	0.154615	-6.46769	0.0896753	0.0899799	-11.1136	0.12261	0.116094	-8.6137		0.4685572	0.387036	-2.58374	0.0943684	0.0937721	-10.6642	0.279666	0.23537	-4.24862	0.5226	0.434288	-2.30262	1.4182	37.212	23.3235	1
cg17421890	KLC2;KLC2;KLC2;KLC2		0.3166017	0.7662804	1.14867	1.18362	0.6464118	1.38778	1.38778	0.28778	1.59341	1.59341	0.660029	1.24377	1.24377	0.335056	0.6510129	-1.51715		0.58238	1.26222	1.26222	0.453743	1.37713	1.37713	0.8656662	0.9722178	1.01178	1.18178	1.4182	1.94896	2.47511	1		
cg08762432	NEBL		0.3166025	0.2995669	0.548962	-1.82162	0.6213325	0.757475	-1.32017	0.776234	1.1723	1.1723	0.289508	1.84651	1.84651	0.0916914	0.3549008	-2.81763		0.6163633	0.754434	-1.3255	0.0683164	0.320027	-3.12474	0.514119	0.4260959	-2.34214	0.502207	0.683295	-1.46215	1.41817	0.98947	4.3809	1
cg00997411	NUAK1		0.3166028	0.243704	0.759625	-1.31644	0.909249	0.974626	-1.02603	0.8855553	1.03299	1.03299	0.478805	0.850195	-1.1762	0.240065	1.31951	1.31951		0.1059956	0.671662	-1.48884	0.0821682	0.647873	-1.54351	0.474012	1.17836	1.17836	0.5383375	1.15075	1.15075	1.41816	1.14108	0.715217	1
cg00886342	ORAOV1		0.3166063	?	?	?	?	1.32332	1.32332	0.192766	1.43374	1.43374	0.406549	1.30951	1.30951	0.0126002	0.6407307	0.715996	0.4477569	0.4488864	0.722866	-1.37888	0.6284907	1.10611	1.10611	0.2413161	1.65687	1.65687	0.0695572	0.3055	0.4475	0.708292	0.238412	1
cg04546920	PARP15		0.3166063	0.0690275	0.92089	0.92089	0.243128	1.74721	1.74721	0.13538	5.70168	5.70168	0.429173	2.39386	2.39386	0.185481	4.56217	4.56217		0.786745	1.34083	1.34083	0.634427	0.559652	-1.67683	0.805362	0.7656553	-1.30607	0.0852067	0.783217	0.783217	1.41816	26.2739	16.4683	1
cg17336714	DEDD2		0.3166317	0.4613621	0.8107	1.08403	0.4842705	0.8124033	1.23488	0.4977195	1.31121	1.31121	0.765802	1.144853	1.144853	0.2855	1.23483	1.23483	0.7298	0.3535286	1.38396	-1.3072	0.5117772	0.445962	-2.24234	0.9321614	0.8887483	-1.12483	1.167089	0.6003547	1.41815	4.37732	2.74308	1
cg06437430	NKD2		0.3166336	0.864347	0.8521003	-1.17357	0.1196013	0.858171	-1.16497	0.219327	1.35027	1.35027	0.46689	1.9996	1.9996	0.0627602	0.1408866	-7.09792		0.9578373	0.95176	-1.05069	0.239405	1.16809	1.16809	0.84232	0.8209324	-1.20493	0.6441651	1.54548	1.54548	1.41814	19.6766	12.3333	1
cg16101410	NAGK;NAGK;NAGK;NAGK;NAGK;NAGK		0.3166343	0.691364	0.97787	-1.15295	0.6446747	1.35437	1.35437	0.9757397	1.02047	1.02047	?	?	?	?	?	?		0.8525871	1.11751	1.11751	0.3161691	1.43288	1.43288	0.4910007	0.96013	-1.04175	0.9126066	0.687851	0.687851	1.41795	0.7195	0.50256	1
cg02079348	SLC12A7		0.3166345	0.325278	0.754175	-1.32595	0.427443	1.25239	1.25239	0.15282	1.33157	1.33157	0.191799	0.6812363	-1.46786	0.281741	0.732918	-1.36441		0.358052	0.7609109	-1.30321	0.3183963	0.47923	-2.49725	0.534206	1.19108	1.19108	0.201271	0.688293	-1.45287	1.41817	1.73279	1.08613	1
cg08768920	HSD17B13;HSD17B13		0.3166446	0.379816	0.77093	-1.29714	0.6978344	0.893451	-1.11925	0.248411	0.7058402	-1.41683	0.1141681	0.6088914	-1.64248	0.587982	0.853888	-1.17111		0.4826119	0.813784	-1.22883	0.0629092	1.82981	1.82981	0.274092	0.719905	-1.38907	0.5208337	0.828669	-1.20675	1.41811	1.87288	1.17394	1
cg23470568	PDIK		0.3166463	0.4999611	0.8599	1.08403	0.4842705	0.8124033	1.23488	0.4977195	1.31121	1.31121	0.765802	1.144853	1.144853	0.2855	1.23483	1.23483	0.7298	0.3535286	1.38396	-1.3072	0.5117772	0.445962	-2.24234	0.9321614	0.8887483	-1.12483	1.167089	0.6003547	1.41811	4.37732	2.74308	1
cg07285641	DHRS12;DHRS12		0.3166503	0.9881958	0.9852212	-1.01501	0.0692563	0.8135559	1.81559	0.0278805	0.544019	0.544019	0.67177	0.7551182	-1.33418	0.778823	0.8306871	1.20382		0.979001	0.982816	-1.01748	0.515424	1.51209	1.51209	0.367453	1.84034	1.84034	0.499342	1.57112	1.57112	1.41809	0.74876	0.51073	1
cg25638444	ST8SIA1		0.3166514	0.0514382	0.2972638	-3.36454	0.508337	0.674968	-2.69201	0.37278	0.6845091	-1.65423	0.5751911	1.3653	1.3653	0.1002255	0.3713363	-2.69278		0.9322358	0.954296	-1.04709	0.3095912	0.5605912	-1.78383	0.9944	1.00394	1.00394	0.9438373	0.594789	-1.68127	1.41809	6.79626	4.26201	1
cg12460294	FAM136A;DOCK1		0.3166555	0.5579284	0.9392691	-1.06722	0.6008865	0.627603	-1.59337	0.1814115	0.7946145	-1.33197	0.351997	0.8625655	-1.15966	0.3726127	0.678995	-1.47351	0.1059739	0.298945	-3.34609	0.2992341	0.9381585	1.02058	1.02058	0.1258333	0.6312182	-1.58412	-4.1137	1.41808	2.47922	0.96645	1
cg13280882	SLC22A3		0.3166559	0.133611	0.2370384	-4.21874	0.187741	0.288783	-3.4628	0.365584	0.437311	-2.2867	0.250941	0.34394	-2.90749	0.0876832	0.1868958	-5.35052		0.2232327	0.302056	-3.30985	0.1225	0.2010181	0.300876	-3.32363	0.0444105	0.1282407	-7.79986	0.506566	0.549037	-1.82137	1.41807	17.7793	11.1446	1
cg27140474	PCF11		0.3166621	0.8698721	1.13707	1.13707	0.5599318	2.02549	2.02549	0.36681	1.35282	1.35282	0.726513	1.12126	1.12126	0.427453	1.30224	1.30224		0.1788	1.02899	1.02899	0.8408309	1.22715	1.22715	0.7703671	0.8538	-1.17228	0.1197913	1.02577	1.02577	1.41803	1.25611	0.85611	1
cg12298445	ARAP1		0.3166664	0.8118838	0.8970444	-1.11477	0.1366035	0.4816067	-2.07638	0.546818	0.7574488	-1.32022	0.325524	0.6297002	-1.58805	0.176557	0.519777	-1.9239		0.137068	0.482086	-2.07432	0.115949	0.2178303	0.2178303	0.615448	1.25954	1.25954	0.9599552	0.977159	-1.02337	1.41806	4.66167	2.9221	1
cg20784479	ONS4		0.3166665	0.705942	1.08534	1.08534	0.996617	0.9990084	-1.00092	0.43871	1.18606	1.18606	0.145843	0.7136668	-1.40121	0.925676	0.9803564	-1.02003		0.8543564	0.955552	-1.04652	0.4483761	1.16701	1.16701	0.7870562	1.46107	1.46107	0.0534096	1.60943	1.60943	1.41806	1.04824	0.657974	1
cg20349076	MINFF;HINFP		0.3166671	0.94412	1.0884	1.01884	0.6124499	1.14569	1.14569	0.514752	1.19232	1.19232	0.851839	0.9514434	-1.05104	0.667614	1.12191	1.12191		0.2574817	0.73004	-1.36979	0.0193167	0.4707781	-2.12413	0.565465	1.16731	1.16731	0.6240435	1.14058	1.14058	1.41804	1.52828	0.99811	1
cg21400549	TMEM206		0.3166672	0.5652363	0.6037315	-1.65641	0.2633392	0.3634426	-2.75159	0.0755552	0.179539	-5.56982	0.216744	0.39061	0.39061	0.822018	0.822343	-1.21604		0.7545558	0.761654	-1.31293	0.8312772	0.8323302	-1.20149	0.108815	4.56441	4.56441	0.5985133	1.58605	1.58605	1.41804	16.926	10.61	1
cg02807402	DSCAM		0.3166677	0.6311007	1.1148	1.1148	0.5604737	1.171271	1.171271	0.1743877	1.017687	1.017687	1.59315	0.6589955	1.529606	1.105539	0.6542229	-1.52852		0.9207371	1.02595	1.02595	0.6658541	1.44567	1.44567	0.8722604	1.003027	2.003027	0.4605554	1.27601	1.27601	1.41802	1.83484	1.4819	1
cg23281215	F3		0.3166678	0.0883252	0.695582	-1.43765	0.840488	1.03967	1.03967	0.697154	1.07842	1.07842	0.522743	1.1332	1.1332	0.192856	1.30478	1.30478		0.10846	1.02216	1.02216	0.240826	1.224844	1.22907	1.27603	0.27422	1.24561	1.24561	0.4837292	1.147225	1.147225	1.41802	0.8369	0.524613	1
cg06788533	GNAI1		0.3166679	0.3538914	0.7966	1.03116	0.9139816	1.03116	1.03116	0.9139816	1.03116	1.03116	0.9139816	1.03116	1.03116	0.9139816	1.03116	1.03116		0.1715397	0.771187	-1.29606	0.8381564	0.8691561	1.15054	1.15054	0.2013513	0.7215546	1.15054	1.15054	1.41802

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg00699898	TTLL10;TTLL10		0.3160983		0.0440968		0.1864407		0.1904543		0.7300044		0.5056442		0.4510207		0.2217		0.5096078		0.758554		-1.3181		0.130778		0.509637		-1.09218		0.205286		0.6388673		-1.56375		0.2493866		0.608166		-1.6445		1.417215		3.830221		2.402466	
cg08224212	ABTB2		0.3160986		0.537315		0.9182		-1.08909		0.41322		1.12108		1.12108		0.0618312		1.33287		1.33287		0.163512		0.816534		1.13683		1.16383		1.141714		0.418954		0.2627854	
cg04630224	LAYN		0.3160987		0.6941112		1.08507		1.08507		0.677146		0.917147		-1.09034		0.111074		1.43126		1.43126		0.357587		0.822488		-1.21582		0.745759		0.915009		-1.06951		0.7348566		1.07274		1.07274		0.0405622		0.613549		-1.62986		0.395487		1.19692		1.19692		0.9998891		1.00003		1.00003		1.40714		0.957576		0.6006632	
cg00596761	LOC389332		0.3160987		0.2641221		1.86865		1.86865		0.6050126		1.043141		1.043141		0.0485471		3.354671		3.354671		0.3079328		1.76273		1.762373		0.4533846		1.507221		1.507221		0.3548754		0.41813		1.566321		0.261497		1.875651		1.875651		0.10561		2.584422		2.584422		0.2173943		2.005958		2.005958		0.4174254		6.47537		4.06163	
cg22102069	TBC1D7;TBC1D7;TBC1D7;TBC1D7		0.3160989		0.4681225		0.750205		-1.33297		0.0277361		-2.75391		0.577716		0.8033154		-2.24478		-2.26526		1.57580		1.575889		0.411128		0.720933		-1.38709		0.6577033		0.8046231		0.9081156		-1.10094		0.568744		0.7991113		-1.25139		0.2806455		1.547272		1.54772		1.547713		3.402		2.13389	
cg00167990	CACNA1H;CACNA1H		0.3160992		0.307432		0.47251		-2.30462		0.8436511		0.8701186		-1.19418		0.6142		0.699127		-1.40036		0.9862821		1.012318		1.012318		0.1099		0.9191358		0.9677138		-1.29335		0.7733955		0.9677038		-1.25139		0.2806455		1.857482		1.857482		0.326774		0.638661		1.57082		1.47212		11.129		6.98064	
cg03879902	GIPR		0.3160993		0.7488272		0.90909		-1.1		0.0264083		0.457855		-2.1841		0.232695		0.6897862		0.6897862		0.4699172		0.8691667		0.952358		-1.05014		0.605526		0.856753		-1.1672		0.4288225		0.786873		-1.27085		0.3373924		0.74561		-1.34118		0.962878		0.986284		-1.01391		0.1975229		1.49813		1.49813		1.417212		1.97644		1.23972	
cg18009690	EN1		0.3161003		0.6272931		1.39567		1.39567		0.176114		0.323249		-3.09359		0.0211167		3.980582		-2.56353		0.3486221		0.468727		-2.15924		0.116391		0.817693		1.34769		1.34769		0.1844338		0.496409		2.01447		0.8837449		1.27503		1.17503		0.1983497		2.98749		2.98749		0.4975693		1.71725		1.71725		1.4171		13.8367		8.67923	
cg04928100	ZNF148		0.3161004		0.6446615		1.16181		1.16181		0.653583		0.863479		-1.15811		0.7913265		-1.16296		-1.16296		0.7913125		0.7913125		0.7913125

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(147T vs. N)	Fold-Change(147T vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5637 vs. N)	p-value(563 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg09131376	CPCAL	0.317557	0.807731	0.939669	0.7642	0.0734534	1.66428	1.66428	0.156949	1.47162	1.47162	0.147628	0.672659	-1.48664	0.672735	0.897237	-1.11453	0.709542	0.908924	-1.1002	0.249708	1.9338	1.9338	0.819622	1.06003	1.06003	0.547416	0.856082	-1.16811	1.41551	1.46038	0.917065	1
cg08652985	HN1;HN1.HN1	0.317557	0.546789	1.09803	1.09803	0.126645	1.29534	1.29534	0.0969822	1.32552	1.32552	0.170245	0.79776	-1.25351	0.787853	1.04261	1.04261	0.602608	0.921954	-1.08465	0.144377	1.27451	1.27451	0.74538	0.950843	-1.0517	0.749104	1.05089	1.05089	1.41551	0.536486	0.336893	1
cg18517961	SPNS2	0.317569	0.0644722	1.81067	1.81067	0.257154	1.40218	1.40218	0.827543	0.939543	-1.06435	0.228635	0.69688	-1.43497	0.620428	0.867019	-1.15338	0.797151	1.0764	1.0764	0.230262	1.43298	1.43298	0.702968	0.896276	-1.11573	0.163455	1.52976	1.52976	1.41548	1.83152	1.15016	1
cg01700035	SH3HF3	0.317576	0.892441	1.07586	1.07586	0.851697	1.10644	1.10644	0.960627	1.02704	1.02704	0.499273	1.44871	1.44871	0.274065	0.540585	-1.84985	0.156039	1.27092	1.27092	0.0553823	1.22682	1.22682	0.0969158	2.67717	2.67717	0.770518	0.853782	-1.17126	1.41546	0.54801	4.11206	1
cg11840540	FXYD5;FXYD5;FXYD5;FXYD7	0.317585	0.100121	0.215523	-4.63987	0.474247	1.85881	1.85881	0.843456	1.18344	1.18344	0.125686	0.243742	-4.1027	0.277665	0.382244	-2.61613	0.507815	0.564211	-1.77239	0.137497	0.25601	-3.9061	0.267861	0.374116	-2.67297	0.118	0.23552	-4.24592	1.41543	0.26373	10.2158	1
cg11811510	CEACAM1;CEACAM1	0.317586	0.363863	0.6183512	-1.46303	0.0875776	2.15757	2.15757	0.252651	0.644232	-1.62781	0.222634	0.592979	-1.6864	0.794401	0.889977	-1.11237	0.742032	0.873983	-1.14419	0.775951	1.12339	1.12339	0.836536	1.0879	1.0879	0.8859864	0.457091	-2.18345	1.41543	3.72753	2.34089	1
cg01887308	ZFPM1	0.317589	0.601681	0.842135	-1.18746	0.858743	0.943539	-1.05984	0.16667	1.61776	1.61776	0.253297	0.677579	-1.47584	0.401872	0.75586	-1.323	0.0734272	1.91781	1.91781	0.438226	1.29428	1.29428	0.431005	1.2998	1.2998	0.231067	1.50658	1.50658	1.41542	2.38584	1.49832	1
cg07908497	DDX12	0.317592	0.838889	0.972034	-1.02877	0.808529	0.966739	-1.03441	0.0311077	0.639487	-1.4717	0.994321	1.00099	0.699737	1.05582	1.14958	0.130955	0.361913	1.13948	1.13948	0.225761	1.19394	1.19394	0.674452	1.06063	1.06063	0.691831	1.05627	1.05627	1.41541	0.435198	0.273908	1
cg01634042	RGS14	0.317593	0.642083	0.756712	-1.32152	0.708201	1.32751	1.32751	0.0894954	1.04968	1.04968	0.990674	1.00699	1.00699	0.175752	0.624253	-2.35708	0.778959	1.18244	1.18244	0.74955	0.826338	-1.21016	0.90433	1.07424	1.07424	0.388446	0.590711	1.69288	1.41541	0.95147	4.99359	1
cg17646273	MLX;MLX;MLX	0.317593	0.3477	1.21321	1.21321	0.0850138	1.46327	1.46327	0.203952	1.30734	1.30734	0.653199	0.913559	-1.09462	0.817498	1.04729	1.04729	0.349487	1.21229	1.21229	0.912661	0.978307	-1.02217	0.0548892	1.54524	1.54524	0.133387	1.38213	1.38213	1.41541	0.895683	0.562496	1
cg05700209	BAMBI	0.317594	0.21177	1.72844	1.72844	0.0168817	1.11	1.11	0.0250441	1.54863	1.54863	0.0108401	1.14284	1.14284	0.0880307	1.12134	1.12134	0.0918586	1.10786	1.10786	0.0210961	1.11325	1.11325	0.500561	1.11868	1.11868	0.748386	0.948567	1.05422	1.1454	0.600344	0.378866	1
cg16330849	FI2	0.317597	0.865285	0.940194	-1.06361	0.404666	1.36637	1.36637	0.155752	1.7434	1.7434	0.29546	1.48738	1.48738	0.14604	0.564919	-1.77016	0.274831	0.659836	-1.51553	0.606047	0.826653	-1.2097	0.13193	1.8131	1.8131	0.728602	1.12595	1.13595	1.4154	3.00182	1.88519	1
cg05505248	MYADM;MYADM;MYADM	0.3176	0.263458	0.902826	-1.10763	0.201175	0.888363	-1.12567	0.576285	1.05075	1.05075	0.105666	0.856421	-1.16765	0.661828	1.03935	1.03935	0.512161	0.94337	-1.06003	0.450638	0.93482	-1.06973	0.312105	1.09603	1.09603	0.173305	1.13548	1.13548	1.41539	0.172374	0.108254	1
cg13765004	NOA1	0.317602	0.0489901	0.420411	-2.37863	0.205295	0.5974	-1.67392	0.268154	0.641049	-1.55994	0.0506102	0.423697	-2.36017	0.509483	0.772624	-1.29429	0.370716	0.701629	-1.42525	0.132113	0.534453	-1.87107	0.840615	0.92531	-1.08072	0.584072	0.808053	-1.23754	1.41538	3.33149	2.09225	1
cg10794776	ARL6IP5	0.317603	0.965617	0.983518	1.01676	0.748009	2.883135	2.883135	0.13233	0.186301	0.582642	-1.71632	0.557706	1.24223	0.134233	0.227241	3.909572	0.924395	0.960465	-1.04172	0.558012	0.834817	-1.22727	0.392425	1.40187	1.40187	0.301272	0.661701	-1.51126	1.41538	1.33227	2.09374	1
cg04361056	ITB DNMT3A;DNMT3A;DNMT3A;DNMT3A;DNMT3A;	0.317609	0.0737025	0.565726	-1.76764	0.94326	1.02055	1.02055	0.367227	1.30298	1.30298	0.909861	0.96816	-1.03289	0.537217	0.836513	-1.19544	0.0450924	0.518441	-1.92886	0.841516	0.944404	-1.05887	0.928319	1.02604	1.02604	0.387642	1.28788	1.28788	1.41536	1.82996	1.14927	1
cg15990840	DNMT3A	0.317617	0.0207748	0.278889	-3.58565	0.704067	0.853288	-1.17194	0.594352	1.28405	1.28405	0.610973	0.79029	-1.26536	0.446646	0.710654	-1.40715	0.883326	0.934849	-1.06969	0.764171	1.14802	1.14802	0.35734	1.54357	1.54357	0.134339	1.56804	1.56804	1.41534	4.71802	2.96311	1
cg11263042	PEX14	0.317633	0.0499780	0.703357	-1.42175	0.261728	1.2023	1.2023	0.206755	1.23321	1.23321	0.39978	0.873111	-1.14533	0.924063	1.01512	1.01512	0.83005	0.966729	-1.03442	0.181649	0.799951	-1.25008	0.795371	0.959912	-1.04176	0.866002	1.02694	1.02694	1.4153	0.555487	0.348879	1
cg23797424	LOC642846	0.317634	0.589808	1.16053	1.16053	0.173433	0.753623	-1.3269	0.210043	0.697118	-1.43448	0.156401	1.51392	1.51392	0.691213	0.904644	-1.10539	0.489806	0.825393	-1.21154	0.171523	1.48912	1.48912	0.615688	0.870714	-1.14848	0.136616	1.64907	1.64907	1.41529	1.67712	1.05334	1
cg15336560	HDX	0.317634	0.0783336	0.227891	-4.38806	0.266611	0.416749	-2.39952	0.994723	1.00501	1.00501	0.174037	0.29841	-3.35026	0.298491	0.576178	0.65243	0.570639	0.724747	-1.44045	0.429738	0.543599	-1.83959	0.920368	1.07855	1.07855	0.960309	0.962819	-1.03862	1.41529	12.8181	8.05054	1
cg07389576	GIC2	0.317636	0.445218	1.33492	1.33492	0.0774153	0.836863	-1.19543	0.0966822	1.36463	1.36463	0.113365	0.547507	1.22585	0.425355	0.547096	0.997308	0.613239	0.853591	-1.17182	0.309511	0.613239	0.853591	-1.17182	0.309511	1.50394	1.50394	1.41529	1.70485	1.13974	1
cg08211853	COLEC11;COLEC11 HSD11B1L;C19orf70;HSD11B1;HSD11B	0.317636	0.914781	1.05403	1.05402	0.102273	0.415235	-2.40827	0.150652	0.469002	-2.13219	0.728461	1.18685	1.18685	0.243954	0.549257	1.82064	0.501892	0.715343	-1.39793	0.709944	0.832242	-1.20157	0.189036	1.98163	1.98163	0.255901	1.7913	1.7913	1.41528	5.41526	3.40113	1
cg14109663	L1;HSD11B1;HSD11B1L;HSD11B1L	0.317637	0.0919934	0.453152	-2.20676	0.582083	0.788846	-1.26767	0.251196	0.599549	-1.66792	0.94803	0.972567	-1.02821	0.807084	0.900867	-1.11004	0.687899	1.18806	1.18806	0.0913476	2.21094	2.21094	0.718341	1.16714	1.16714	0.164899	0.533422	-1.88174	1.41528	4.08154	2.56347	1
cg02163215	FBLN1	0.317649	0.810492	0.979514	1.1136277	0.318667	1.31867	1.31867	0.0648752	1.44719	1.44719	0.355808	1.17594	1.17594	0.0933772	1.16428	1.16428	0.299884	0.832176	-1.20162	0.145525	0.926468	1.08006	0.147415	1.11322	1.11322	0.0659468	0.414586	2.41286	1
cg21960859	TLL1 DCAF11;DCAF11;DCAF11;DCAF11;DCAF	0.317649	0.64775	1.05898	1.05898	0.257376	0.863085	-1.15863	0.105944	0.802542	-1.24604	0.74895	1.04081	1.04081	0.650749	1.05842	1.05842	0.157507	0.828379	-1.20718	0.56238	0.929636	-1.07569	0.149785	1.2121	1.2121	0.377072	1.11953	1.11953	1.41525	0.347815	0.218456	1
cg26004255	11;DCAF11	0.317651	0.36175	1.46073	1.46073	0.651839	1.20153	1.20153	0.0376329	2.65055	2.65055	0.531888	0.774187	-1.29168	0.938955	1.03144	1.03144	0.289292	1.55987	1.55987	0.106972	2.03662	2.03662	0.349923	1.47538	1.47538	0.153584	1.85445	1.85445	1.41524	3.66208	2.30009	1
cg18252924	STK24;STK24	0.317664	0.116932	0.418437	-2.38984	0.691741	1.22612	1.22612	0.578873	1.33214	1.33214	0.365383	0.621432	-1.60919	0.078135	0.365545	-2.73636	0.692119	0.815799	-1.22579	0.0867606	0.37998	-2.63172	0.181663	0.484206	-2.06524	0.469233	0.686161	-1.45738	0.154	5.86464	3.68358	1
cg25241885	TIFA RADS1;RADS1;RADS1;RADS1;RADS1;R	0.317667	0.445984	1.84493	1.84493	0.147666	0.0615668	1.13512	0.252095	0.386788	-2.58342	0.422468	1.9079	1.9079	0.0476439	0.698558	-1.43152	?	?	?	?	?	?	?	?	0.330745	2.22359	2.22359	0.49918	9.2288	6.1591	1
cg09235138	ADS1;RADS1;RADS1	0.317671	0.250333	0.756172	-1.32245	0.308726	0.782706	-1.27762	0.514021	1.64392	1.64392	0.201409	0.706909	-1.36873	0.0623721	0.619955	-1.62878	0.510432	0.856196	-1.16796	0.586445	1.13626	1.13626	0.986103	1.22952	1.22952	0.162245	1.22161	1.22161	1.41518	1.12317	0.763175	1
cg09873405	NTRK1;NTRK1;NTRK1	0.317675	0.160803	0.437143	-2.28758	0.207914	2.08271	2.08271	0.242279	0.960779	-1.04082	0.720094	1.21996	1.21996	0.177005	0.452534	2.20978	0.0625956	1.18303	1.18303	0.921325	1.0561	1.0561	0.640637	1.29663	1.29663	0.751745	1.19167	1.19167	1.41517	6.84277	4.29803	1
cg11465597	ZNF362	0.317677	0.917393	1.02513	1.02513	0.0260031	1.88156	1.88156	0.252896	1.33068	1.33068	0.909957	0.973298	-1.02743	0.418893	1.21847	1.21847	0.175803	1.4111	1.4111	0.360499	0.798601	-1.25219	0.784774	1.06768	1.06768	0.768477	0.931818	-1.07317	1.41517	1.28273	0.805704	1
cg00652125	SPRS1R;SPRS1R	0.317679	0.0913829	0.4744	-2.10763	0.0939706	0.99109	-1.66892	0.0650789	0.627381	1.60281	0.153143	0.702492	-1.42317	0.0602322	0.603205	-1.65753	0.754064	1.13778	1.13778	0.379	0.831722	1.20233	0.0206285	1.10356	1.10356	0.0384664	1.03466	1.03466	1.41515	0.0617966	1
cg08813944	CPSF4L	0.317692	0.880524	0.84629	-1.18163	0.0233088	0.0493887	-20.2475	0.158927	0.188118	-5.31581	0.761885	1.40104	1.40104	0.142783	0.403942	2.4756	0.124685	0.158109	-6.32475	0.554227	0.514868	-1.94205	0.365912	0.357215	-2.79943	0.995756	1.00592	1.00592	1.41513	27.5955	17.3337	1
cg01297806	SH3BP4	0.317697	0.58283	0.747828	-1.33721	0.0568424	3.09288	3.09288	0.211892	1.99149	1.99149	0.599851	0.757825	-1.31957	0.610723	0.764198	-1.30856	0.551219	0.729179	-1.37141	0.316869	0.581562	-1.71951	0.949232	1.03392	1.03392	0.166155	0.461399	-2.16732	1.41511	6.15027	3.86321	1
cg02839220	Magmas	0.317703	0.958363	0.9744	1.02615	0.688674	1.06166	1.06166	0.0948448	1.51761	1.51761	0.0659137	1.18441	1.18441	0.0659137	1.16411	1.16411	0.0970008	1.08708	1.08708	0.240192	1.13841	1.13841	0.279178	1.08705	1.08705	0.154355	1.08364	1.08364	1.41511	0.0617966	1
cg02337388	GNA15	0.317704	0.167764	0.504062	-1.98388	0.133043	0.46094	-2.12793	0.487136	0.719673	-1.38952	0.447263	0.697035	-1.43465	0.0577045	0.367898	-2.71814	0.538258	0.747998	-1.3369	0.0451844	0.342761	-2.91748	0.310199	0.613068	-1.63114	0.282601	0.594379	-1.68243	1.41509	4.86579	3.05644	1
cg01121830	RPGR;RPGR;RPGR;RPGR	0.317705	0.188477	0.7109	1.40673	0.25014	1.76144	1.76144	0.0772124	1.56258	1.56258	0.0966455	1.23733	1.23733	0.0966455	1.21733	1.21733	0.122386	0.844155	-1.18446	0.0664407	0.737079	-1.35655	0.312207	0.928855	-1.07652	0.992726	0.999392	1.00062	1.41509	0.0617966	1
cg24030086	SETD8;SETD8	0.317705	0.623527	0.890039	-1.12355	0.397049	0.815305	-1.22653	0.0316892	0.55265	-1.80946	0.417432	1.21546	1.21546	0.217196	1.35759	1.35759	0.910179	1.02693	1.02693	0.380783	0.809226	-1.23575	0.382104	0.809725	-1.23499	0.871317	1.03891	1.03891	1.41509	1.24254	0.780501	1
cg21422621	COL18A1	0.317707	0.189028	0.76343	1.30898	0.664282	1.10781	1.10781	0.354865	0.825138	-1.21192	0.907764	0.992181	-1.00781	0.907764	0.992181	-1.00781	0.86173	1.0344	1.0344	0.0615958	1.45435	1.45435	0.377917	0.737457	-1.32021	0.120365	0.778828	1.28398	1.41508	0.834918	0.529796	1
cg17500321	BET1	0.317744	0.0378498	0.79444	-1.25875	0.233425	0.887461	-1.12681	0.779465	0.937525	-1.02719	0.98309	0.997977	-1.00203	0.385682	0.918524	-1.0887	0.664614	0.959171	-1.04257	0.612803	0.852401	-1.17328	0.382493	1.14477	1.14477	0.14507	0.204674	0.128567	1.41508	0.0617966	1
cg07113535	C14orf101	0.317714	0.650304	1.37793	1.37793	0.329905	2.03182	2.03182	0.165909	2.84953	2.84953	0.212148	2.53353	2.53353	0.0614403	0.221695	-4.51071	0.515228	1.59042	1.59042	0.438845	0.573647	-1.74323	0.73044	0.784398	-1.27486	0.872913	1.1189	1.1189	1.41456	11.1045	5.93778	1
cg20776861	NAXA;NAXA	0.317716	0.162233	0.7107	1.40735	0.138624	1.53887	1.53887	0.0473727	1.83861	1.83861	0.0473026	1.58402	1.58402	0.0473026	1.53881	1.53881	0.0683387	1.65153	1.65153	0.0473026	1.52344	1.52344	0.0654552	1.95005	1.95005	0.0473026	1.68264	1.68264	1.41452	0.0617966	0.797823	1
cg11754897	POLR1D;UNC2;LNX2;POLR1D	0.317717	0.645623	0.931062	-1.07404	0.536767	1.1013	1.1013	0.287461	1.18575	1.18575	0.133876	0.779272	-1.28325	0.154565	1.26499	1.26499	0.344483	1.16208	1.16208	0.142188	0.783951	-1.27559	0.459083	0.890215	-1.12332	0.960892	1.00642	1.00642	1.41506	0.533338	0.335024	1
cg18065339	TBX2	0.317721	0.0953648	0.556555	-1.79532	0.311146	2.76348	2.76348	0.62782	1.63165	1.63165	0.794662	0.775066	-1.29023	0.664264	0.831186	-1.62274	0.887747	0.871118	-1.14795	0.159802	0.230526	-4.33791	0.729925	0.711859	-1.40477	0.318775	0.365455	-2.73631	1.41503	24.3886	13.4358	1
cg00007420	Cdorf168	0.317729	0.578956	1.25602	1.25602	0.297187	0.53159	-1.88115	0.259599	1.99706	1.99706	0.468189	1.53962	1.53962	0.182662	0.439442	2.02802	0.749447	0.826263	-1.21027	0.0826359	0.297878	-3.35708	0.149798	0.455445	-2.46643	0.986296	0.990039	-1.01009	1.41502	7.66043	4.83213	1
cg05993386	C15orf23;C15orf23;C15orf23	0.31773	0.921974	1.03148	1.03148	0.930424	0.973768	-1.02694	0.440585	1.28248	1.28248	0.30982	0.717154	-1.3944	0.262466	0.691002	-1.44717	0.0268771	2.29172	2.29172	0.855826	1.05922	1.05922	0.527795	0.816797	-1.22429	0.503722	1.23944	1.23944	1.41502	2.24275	1.40885	1
cg02384240	RFTDR;RFTDR	0.317732	0.0818659	0.472886	-2.11539	0.272146	0.875058	-1.14278	0.288551	0.597755	-1.67281	0.164956	0.502442	-1.99028	0.360761	0.691247	-1.44648	0.183555	0.729656	-1.37056	0.157108	0.555437	-1.80003	0.284394	0.41586	-2.40435	0.0738528	0.446166	-2.24178	1.41501	0.0617966	1
cg10632000	PRR19;PAFAH1B3;PAFAH1B3;PAFAH1B	0.317733	0.209718	0.587774	-1.70133	0.788319	1.11425	1.11425	0.906915	0.954067	-1.04814	0.721762	0.866118	-1.15458	0.0988625	0.483161	-2.0697	0.996811	0.998395	-1.00161	0.0557057	0.418335	-2.39043	0.0758478	0.451928	-2.21274	0.367465	0.689256	-1.45084	1.41501	3.62126	2.27482	1
cg27400282	SGOL2;SGOL2	0.317734	0.207681	0.699977	-1.42862	0.120394	1.57193	1.57193	0.0443713	1.85894	1.85894	0.416515	1.24976	1.24976	0.985056	0.994984	-1.00504	0.444296	1.23292	1.23292	0.308647	1.32698	1.32698	0.600972	1.15221	1.15221	0.956178	0.985354	-1.01486	1.41501	1.61552	1.01485	1
cg26049501	STARD13	0.317745	0.674469	0.823951	-1.21366	0.176714	1.93148	1.93148	0.319189	1.60303	1.60303	0.561133	0.763862	-1.30914	0.892983	0.940164	-1.06364	0.603773	1.27125	1.27125	0.0483247	0.355495	-2.81298	0.644909	1.23704	1.23704	0.227498	0.559487	-1.78735	1.41497	4.70895	2.95817	1
cg03773198	FHAD1	0.317752	0.482802	0.7107	1.40735	0.138624	1.53887	1.53887	0.0473727	1.83861	1.83861	0.0473026	1.58402	1.58402	0.0473026	1.53881	1.53881	0.0683387	1.65153	1.65153	0.0473026	1.52344	1.52344	0.0654552	1.95005	1.95005	0.0473026	1.68264	1.68264	1.41452	0.0617966	0.797823	1
cg02084118	ADAP1	0.317753	0.262491	0.504798	-1.98099	0.421103	1.61752	1.61752	0.457867	0.64254	-1.55632	0.0993882	0.347553	-2.87726	0.0397133	0.24871	-4.02074	0.678495	0.783567	-1.27621	0.449408	0.636987	-1.56989	0.582814	1.38345	1.38345	0.414669	0.613928	-1.62886	1.41495	7.67212	4.81971	1
cg23402524	SPTBN1;SPTBN1	0.317757	0.679229	0.8	1.25	0.377143	0.915183	0.915183	0.748457	0.64951	-1.54016	0.446875	0.839043	-1.19151	0.744188	0.883533	-1.13141	0.907035	0.944	0.94544	0.328545	0.83738	1.4683	0.141341	0.88133	0.881333	0.0132309	0.809008	1.23577	1.41497	0.23597	0.0617966	1
cg01509850	LOC154822	0.317757	0.667039	1.08281	1.08281	0.726333	1.06673	1.06673	0.946239	0.98768	-1.01247	0.942441	0.986814	-1.01336	0.442659	1.15476	1.15476	0.620005	1.09624	1.09624	0.00990714	1.82021	1.82021	0.67578	0.925594	-1.08039	0.932414	0.984528	-1.01571	1.41494	0.757258	0.475722	1
cg14317321	LOC285830;LOC285830	0.317759	0.387933	1.23512	1.23512	0.57068	1.14654	1.14654	0.0779774	0.626651	-1.59578	0.448160	0.815553	-1.20257	0.406238	0.816476	-1.22478	0.7011	0.912073	-1.0964	0.0691093	1.62473	1.62473	0.707297	0.913918	-1.09419	0.691132	0.909099	-1.09999	1.41494	1.27612	0.801682	1
cg19965508	ZBTB24	0.317762	0.69712	1.43514	1.43514	0.217207	1.75857	1.75857	0.0434922	1.51292	1.51292	0.489205	1.13632	1.13632	0.0848408	0.882297	-1.13384	0.747585	1.14103	1.14103	0.527406	1.13472	1.13472	0.883594	0.928216	-1.07745	0.779968	0.949424	1.05327	1.4492	0.741493	0.465826	1
cg19113530	LOC100130691;AGPS	0.317769	0.712488	1.19457	1.19457	0.353662	1.58151	1.58151	0.209825	1.8867	1.8867	0.0425178	3.07075	3.07075	?	?	?	0.337341	0.621683	-1.60854	0.156673	2.07026	2.07026	0.546019	1.34109	1.34109	0.769256	1.15176	1.15176	1.4422	4.59346	3.24806	1
cg25612915	SLC6A8	0.317769	0.261083	0.479075	-2.08705	0.600195	1.19382	1.19382	0.587833	0.81033	-1.2345	0.41904	0.628274	0.71615	-1.39642	0.253369	0.472849	-2.11484	0.311653	0.518306	-1.92936	0.628239	0.173794	-5.75392	0.477904	0.659959	-1.51497	0.64429	0.640012	-1.56247	0.4981	0.64834	1
cg19954286	CCR6;CCR6 TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPA	0.317789	0.840325	1.11222	1.11222	0.330426	0.26151	-3.82395	0.352303	0.603718	-1.6564	0.866551	1.08255	1.08255	0.109272	0.942366	0.899126	-1.11219	0.691298	1.23422	1.23422	0.122475	0.413778	-2.41675	0.359083	1.64409	1.64409	0.799684	1.14346	1.14346	1.41485	2.22895	3.91338	1
cg17998346	N4;TSPAN4;TSPAN4	0.317791	0.108181	0.364222	-2.74558	0.641857	0.763436	-1.30987	0.092888	0.344578	-2.9021	0.870112	1.0989	1.0989	0.0333902	0.238679	-4.18973	0.248885	0.499295	-2.00283	0.747373	0.830072	-1.20471	0.559519	0.711724	-1.40504	0.347783	0.572873	-1.74559	1.41484	7.44158	4.67524	1
cg26160683	UN28	0.317791	0.100551	0.46594	2.46594	0.800919	0.880933	-1.13516	0.136429	0.447065	-2.23681	0.428124	0.666373	-1.50056	0.227073	0.529253	-1.88945	0.450222	0.679755	-1.47112	0.165748	0.476323	-2.09941	0.231589	0.532832	-1.87676	0.949388	1.03236	1.03236	1.41484	5.64111	3.54408	1
cg26605542	DDPDC1B;DEPDC1B	0.317792	0.654628	0.983502	-1.01702	0.279867	0.82409	-1.21309	0.0430589	2.2309	2.2309	0.101091	1.06172	1.06172	0.0803497	0.554602	-1.80355	0.679692	1.24876	1.24876	0.322025	0.694871	-1.43912	0.0964414	1.3028	1.3028	0.67464	0.797794	-1.25346	1.4484	0.64209	0.403047	1
cg15012939	PTPRN2;PTPRN2;PTPRN2	0.317796	0.714782	1.07944	1.07944	0.044421	0.618299	-1.61734	0.195843	0.752104	-1.3296	0.864026	0.964932	-1.03634	0.187081	0.747347	-1.33807	0.473737

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(2 2sT vs. N)	Fold-Change(2 2sT vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3477 vs. Change(4 47T vs. N)	Fold-Change(4 47T vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg03756640	CHPT1	0.318054	0.929635	0.09413	-1.00968	2.258899	1.13777	1.13777	0.175843	1.1681	1.1681	0.649652	0.951342	-1.05115	0.983884	1.00221	1.00221	0.529113	1.07202	1.07202	0.064882	0.797575	-1.2538	0.353387	0.902111	-1.13851	0.232737	1.14625	1.41409	0.266464	0.167497	1
cg26741380	TYRO3	0.318058	0.603957	0.81244	-1.23086	0.501904	1.31064	1.31064	0.712923	0.863567	-1.15799	0.982089	1.00895	1.00895	0.026237	0.351134	-2.84792	0.809046	1.10087	1.10087	0.508641	1.30492	1.30492	0.154604	1.83081	1.83081	0.748873	1.13597	1.13597	0.14409	3.52849	2.218	1
cg06161814	SPRY4	0.318059	0.102256	0.310096	-3.2248	0.327842	0.516172	-1.93734	0.0564677	0.243179	-4.1122	0.213782	0.424387	-2.35634	0.19401	0.406676	-2.45896	0.270666	0.471929	-2.11896	0.842208	1.1394	1.1394	0.676659	1.316	1.316	0.718037	1.26797	1.26797	0.14408	9.60125	6.03532	1
cg12846139	BANCL: ABHD41;GABRA1;GABRA1;GABRA1;GA	0.318072	0.19344	0.301777	-1.99202	0.276754	1.765311	1.765311	0.679139	1.813855	-1.23175	0.748899	1.568348	-1.17461	0.26543	0.559016	-1.78885	0.888603	1.07252	1.07252	0.041266	0.907348	-3.25364	0.148886	0.460349	-2.17227	0.571624	0.750923	-1.33169	0.14005	5.62395	3.53529	1
cg24860775	BRA1	0.318073	0.306556	0.631676	-1.58309	0.281363	1.62606	1.62606	0.137065	2.01239	2.01239	0.837988	0.9154	-1.09242	0.715216	0.853609	-1.1715	0.278556	0.613075	-1.63112	0.240695	0.586227	-1.70568	0.119384	0.477677	-2.09347	0.40055	0.688824	-1.45175	0.45346	0.19	2.24698	1
cg12688217	ITPR2	0.318083	0.162364	1.52508	1.52508	0.127064	0.627029	-1.59482	0.337842	0.756178	-1.32244	0.686858	0.891696	-1.12146	0.907882	0.967788	-1.03328	0.468753	1.23184	1.23184	0.0742312	1.75537	1.75537	0.80855	0.933641	-1.07108	0.670598	1.12864	1.12864	0.14401	1.79179	1.12637	1
cg04624649	KIAA0182;KIAA0182	0.318094	0.681781	0.681596	-1.46374	0.547883	1.76212	1.76212	0.2157	3.35847	3.35847	0.60841	0.618499	-1.61682	0.0475097	0.121535	-8.23805	0.366682	0.422221	-2.36843	0.49189	0.522552	-1.91969	0.569407	1.70676	1.70676	0.159766	0.247418	4.04174	0.141998	15.9586	12.1696	1
cg27172337	CSRNP2	0.318099	0.249197	0.771965	-1.2954	0.530546	1.14629	1.14629	0.24788	1.29641	1.29641	0.540341	1.14249	1.14249	0.873193	1.27855	1.27855	0.65744	0.908548	1.10066	0.185262	1.35241	1.35241	0.299185	1.25974	1.25974	0.05215	1.60751	1.60751	0.14397	1.03415	0.650119	1
cg09909194	TTLL5	0.318112	0.107521	0.31451	-3.17955	0.327294	0.513784	-1.94634	0.203209	0.412898	-2.42191	0.394864	1.77514	1.77514	0.141645	0.353197	-2.83128	0.265107	0.465408	-2.14865	0.22038	0.428041	-2.33622	0.398255	1.76752	1.76752	0.386717	0.557481	-1.79378	0.14593	9.71186	6.1055	1
cg15444381	PRKACA	0.318124	0.551458	1.45648	1.23528	0.686	0.588407	-1.6995	0.0964472	1.20609	1.20609	0.829108	0.738355	-1.35411	0.453183	0.820188	-1.21907	0.509704	1.26241	1.26241	0.0477473	1.56264	1.56264	0.40021	1.25252	1.25252	0.30774	1.44809	1.44809	0.1439	2.75373	1.73121	1
cg11536586	FOXK1	0.318126	0.532812	1.15717	1.15717	0.263151	0.763717	-1.30939	0.203908	0.733567	-1.3632	0.769403	1.07029	1.07029	0.888008	1.0331	1.0331	0.6988	0.914072	-1.09401	0.278304	1.29757	1.29757	0.0432988	1.71104	1.71104	0.452285	1.19356	1.19356	0.14389	1.19563	0.751671	1
cg18347021	DLL1	0.318127	0.310917	0.691653	-1.44745	0.019663	0.574707	-1.74007	0.853225	0.937428	-1.06675	0.870311	1.05865	1.05865	0.073538	0.504256	-1.98351	0.440208	0.790086	-1.26554	0.568557	0.81796	-1.2227	0.675883	0.883512	-1.15801	0.444376	0.761833	-1.31264	0.14389	2.72586	1.7137	1
cg23232316	SPATA4	0.318129	0.693916	1.06312	1.06312	0.124802	1.29814	1.29814	0.07787783	1.36201	1.36201	0.762804	1.04809	1.04809	0.352119	1.16088	1.16088	0.181136	0.800707	-1.2489	0.315968	0.881851	-1.17397	0.832774	0.967728	-1.03335	0.839047	0.968941	-1.03205	0.14326	0.542103	0.290131	1
cg17754042	ZFYVE28 TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;	0.318144	0.0407861	0.460091	-2.17348	0.218165	1.53085	1.53085	0.218776	1.5299	1.5299	0.60733	1.18578	1.18578	0.450894	1.28728	1.28728	0.841894	1.06786	1.06786	0.564099	1.21129	1.21129	0.690727	1.1405	1.1405	0.435594	0.769903	-1.29887	0.14384	2.41987	1.52139	1
cg08851840	TCF7L2	0.318153	0.279457	1.63359	1.63359	0.612249	2.5109	2.5109	0.115867	2.10846	2.10846	0.64239	0.815369	-1.22644	0.528693	1.32127	1.32127	0.360316	0.663328	-1.50755	0.339344	0.6506511	-1.53702	0.522513	1.32696	1.32696	0.93465	0.964838	-1.03644	0.14381	4.26593	2.68206	1
cg15993723	SH3BP1 CD59;CD59;CD59;CD59;CD59;CD59;CD	0.318154	0.325067	0.719308	-1.39022	0.141191	1.67035	1.67035	0.52051	1.23512	1.23512	0.790643	1.09009	1.09009	0.035439	0.549134	0.491396	-2.03502	0.254346	1.47092	1.47092	0.857054	1.0602	1.0602	0.448987	1.28421	1.28421	0.948402	1.0212	1.0212	0.14381	2.58365	1.47979	1
cg15382933	59;CD59	0.318157	0.603194	1.20301	1.20301	0.9098	1.04075	1.04075	0.767879	0.900943	-1.10995	0.359198	0.717295	-1.39413	0.463251	1.30101	1.30101	0.12637	1.79108	1.79108	0.054907	2.15381	2.15381	0.166701	1.68142	1.68142	0.474717	0.773981	-1.29202	0.1438	2.78134	1.74869	1
cg23665778	DOCK1	0.318159	0.192972	0.780645	1.2683	0.795571	0.974585	-1.02629	0.504092	0.998725	-1.00128	0.525023	1.1374	1.1374	0.979719	1.00439	1.00439	0.131574	1.32384	1.32384	0.849376	0.967722	-1.03335	0.693474	1.49327	1.49327	0.328161	1.19106	1.19106	0.1438	0.665054	0.418136	1
cg19866325	MOBK2C;MOBK2C	0.318164	0.829953	1.07116	1.07116	0.0977157	1.78739	1.78739	0.437364	1.28818	1.28818	0.632106	0.857118	-1.1667	0.629269	0.856	-1.16822	0.246231	0.678678	-1.47345	0.0446169	0.208928	2.08928	0.932409	0.97325	-1.02749	0.91888	1.0331	1.0331	0.14378	2.28766	1.43832	1
cg01283096	ROBO3	0.318169	0.54313	1.53963	1.53963	0.0796504	2.63712	2.63712	0.0133766	0.5927358	0.592758	1.68703	0.9850319	-1.01521	0.0475311	0.4022267	-2.48507	0.2158115	0.7426	1.34657	0.0373787	0.4707	-2.12483	0.0439496	0.2125	-4.70376	0.0167975	0.1404	-7.12237	0.14377	5.51327	3.40809	1
cg08899592	C17orf101;C17orf101	0.31817	0.708625	1.13665	1.13665	0.37903	1.36061	1.36061	0.307894	0.697585	-1.43351	0.373251	1.366	1.366	0.210633	0.63758	1.56843	0.0347914	0.431919	-2.31525	0.376634	0.733765	-1.36283	0.939234	0.974321	-1.02636	0.781098	0.909325	-1.09972	0.14377	2.60683	1.63902	1
cg24145272	IL12RB2	0.318172	0.333176	2.29904	2.29904	0.188253	0.599706	-1.64178	0.0789284	0.599706	-1.64178	0.736727	1.09246	1.09246	0.438182	1.2303	1.2303	0.403969	0.799463	-1.25084	0.521378	1.18571	1.18571	0.22925	0.718424	-1.39194	0.264861	0.737449	-1.35603	0.14376	1.53802	0.967019	1
cg02537941	SPATA13;SPATA13	0.318174	0.177765	0.946543	-1.05645	0.868897	0.232628	-4.29302	0.088633	0.240979	-4.15007	0.24609	0.373794	-2.67513	0.0457745	0.177743	-5.62557	0.1403994	0.713126	1.40095	0.0054745	0.2999	-3.33506	0.0422212	0.0477568	-1.05511	0.0198624	0.0579733	1.51442	1.51442	0.14376	12.2403	7.70465	1
cg02803847	BUB3;BUB3	0.318175	0.143256	0.457645	-2.1851	0.365986	0.630336	-1.5865	0.353991	1.60619	1.60619	0.13633	0.450434	-2.22008	0.611973	0.775541	-1.28942	0.438945	0.675519	-1.48034	0.104883	0.4145155	-2.41246	0.257283	1.79946	1.79946	0.840433	0.904679	-1.10536	0.14375	5.52885	3.47624	1
cg13179231	MAPK4;2	0.318176	0.697734	1.12203	1.12203	0.196164	0.668193	-1.49657	0.781167	0.923136	-1.08562	0.322661	1.20154	1.20154	0.0921386	0.7745	-1.29115	0.4642554	-2.06502	0.0194312	0.0484204	0.28763	-3.47811	0.0150315	0.0802163	0.889042	-1.12455	0.4662721	0.803745	-1.24418	0.14375	1.94831	1.22499	1
cg01138652	ARVCF	0.31818	0.203048	0.492827	-2.02911	0.788366	1.867898	-1.15221	0.640843	1.31638	1.31638	0.20873	0.497662	-2.0094	0.0760402	0.335587	-2.82816	0.683551	1.805884	-1.24087	0.0547078	0.3174121	-3.15048	0.175038	0.467883	-2.13729	0.398824	0.634527	-1.57598	0.14374	2.20901	0.90392	1
cg16601171	PRKAB2	0.318196	0.508274	0.830152	-1.2046	0.0521493	0.54189	-1.84539	0.950235	0.982837	-1.01746	0.131569	1.57069	1.57069	0.310396	1.33794	1.33794	0.681973	0.892008	-1.12107	0.557746	0.848269	-1.17887	0.863272	1.04897	1.04897	0.255243	0.719314	-1.39021	0.14369	1.72254	1.08308	1
cg12234287	LTBL1B	0.318197	0.1111961	0.2744	-3.64355	0.0966104	0.2123	-4.66358	0.0454158	0.2123003	-4.71287	0.0455	0.2123003	-4.71287	0.01576	0.1253	-7.97928	0.0380745	0.625331	1.59981	0.0429772	0.17303	-5.77983	0.0241937	0.1378905	1.27203	7	0.0541937	1.73985	1.73985	0.14367	15.9759	11.3066	1
cg10179339	L18APL2	0.318206	0.164211	0.264696	-3.77792	0.196276	0.29416	-3.39951	0.554867	0.585746	-1.70722	0.0993996	0.04005	0.04005	0.0407302	0.261442	2.61442	0.198576	0.296217	-3.3759	0.50924	0.540443	-1.82135	0.741929	0.743844	-1.34437	0.969615	0.966465	-1.0347	0.14366	17.9548	11.2897	1
cg12923585	ANKRD43	0.318211	0.131477	0.3145	-3.18006	0.0796504	0.127512	-7.84731	0.0135766	0.1344	-7.44067	0.0133	0.1344	-7.44067	0.0013859	0.07792	-12.8347	0.0380155	0.2147711	4.65707	0.0013859	0.07792	-12.8347	0.0013859	0.07792	-12.8347	0.0013859	0.07792	-12.8347	0.14366	0.0013859	0.07792	-12.8347	0.14366	0.0013859	0.07792	-12.8347	0.14366

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Journal: Acta Neuropathologica

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1221 vs. N)	Fold-Change(1221 vs. N)	Ratio(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	Ratio(4773 vs. N)	Fold-Change(4773 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg14742079	CDC42EP1	0.318627	0.552541	0.670479	-1.49147	0.123936	0.355534	-2.81267	0.0707961	0.301435	-3.31746	0.162755	0.398857	-2.50716	0.0783855	0.209266	-1.34151	0.409008	0.593996	-1.68351	0.0844709	0.308699	-3.2094	0.463862	0.630004	-1.58729	0.827357	0.873953	-1.14423	1.41247	8.5118	5.35662	1
cg25642476	GABBR1;GABBR1;GABBR1	0.318628	0.420404	0.689842	-1.44961	0.4221192	0.69087	-1.44745	0.343053	1.75434	1.75434	0.598969	1.27043	1.270043	0.2134802	0.0178211	0.40522	-2.46749	0.631156	0.803976	-1.24382	0.13121	0.479492	-2.08554	0.234946	0.570348	-1.75332	0.574929	1.2912	1.2912	1.44246	4.55121	2.86416	1
cg09702881	MRPS18B;PPP1R10	0.31863	0.9871383	0.996523	-1.00349	0.528126	1.148668	1.148668	0.569247	0.88272	-1.13286	0.0528398	1.61166	1.61166	0.8336553	1.04666	1.04666	0.481743	1.16774	1.16774	0.481757	0.85636	-1.16773	0.1313161	0.702411	-1.42367	0.2155729	1.32652	1.32652	1.42246	1.05207	0.662085	1
cg26662922	ATP11A;ATP11A	0.318633	0.0840547	0.318184	-3.14155	0.538447	1.452207	1.452207	0.976679	1.01766	1.01766	0.2880451	0.510453	-1.95905	0.0625174	0.284983	3.508998	0.429995	0.61729	-1.61995	0.2857163	0.514838	-1.94236	0.1263466	0.373444	-2.6922	0.3404143	0.555046	-1.80165	1.41245	8.0222	5.04856	1
cg10665960	EPC2	0.318633	0.102275	0.781442	-1.27969	0.150433	1.236387	1.236387	0.553368	1.08621	1.08621	0.250225	0.847289	-1.18023	0.6490114	1.06524	1.06524	0.736869	1.04761	1.04761	0.977925	1.00382	0.387349	0.884497	-1.12998	0.157738	1.23162	1.23162	1.42145	0.425503	0.26778	1
cg25533110	ZHX2	0.318642	0.942571	0.986021	-1.01418	0.1830277	1.317789	1.317789	0.513138	0.878524	-1.13827	0.5413386	0.8867753	-1.12773	0.4160648	0.16797	2.9007	0.387186	0.840977	-1.18909	0.0264618	0.67219	1.67219	0.92915	1.01753	1.01753	0.9399302	1.01483	1.01483	1.42143	0.854405	0.537483	1
cg05380982	KCNJ6;KCNJ6	0.318644	0.414682	1.19277	1.19277	0.738666	1.07335	1.07335	0.0305087	1.7117	1.7117	0.536313	1.14156	1.14156	0.954626	1.0122	1.0122	0.1486	1.38757	1.38757	0.334059	0.8100068	-1.23446	0.18396	1.34715	1.34715	0.5132414	1.15049	1.15049	1.42142	0.9998869	0.6292555	1
cg10378525	FBRSL1	0.318644	0.924124	1.082079	1.08209	0.558338	1.163265	1.163265	0.763739	1.28357	1.28357	0.578981	1.5907	1.59071	0.015182	0.084588	-1.1432	0.475223	1.82451	1.82451	0.164167	1.52618	1.62618	0.793973	0.739455	-1.3185	0.709811	0.731298	-1.36743	1.41242	15.3418	9.65519	1
cg00968815	CYP2D7P1	0.318647	0.202937	1.95087	1.95087	0.739994	0.847395	-1.18009	0.473799	0.61296	-1.43652	0.912258	0.94667	-1.05613	0.0164487	0.2329595	4.29194	0.794206	1.1388	1.1388	0.70512	0.827767	-1.20807	0.8110603	0.887743	-1.12645	0.8062247	0.884988	-1.12996	1.41241	5.52987	3.48018	1
cg07668891	MYRIP	0.318656	0.697671	1.07888	1.07888	0.135172	0.731086	-1.36783	0.726773	1.07061	1.07061	0.170872	1.32791	1.32791	0.423169	1.17247	1.17247	0.288223	0.806992	-1.23917	0.410871	0.84912	-1.17769	0.452106	0.861577	-1.16066	0.136189	1.36655	1.36655	1.42139	0.846164	0.532535	1
cg05286089	C16orf79	0.318659	0.8324421	0.8985967	-1.11268	0.4423423	0.64723	-1.54523	0.3399999	0.53999	0.53999	0.5727776	0.7955111	-1.33314	0.1123357	0.2750393	1.40153	0.9997833	0.9997833	-1.00022	0.9997833	-1.00022	0.9997833	-1.00022

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(105T 047 vs. N)	Fold-Change(1 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs. N)	p-value(112T 127 vs. N)	Fold-Change(1 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs. N)	p-value(121T 217 vs. N)	Fold-Change(1 vs. N)	p-value(347T vs. N)	Fold-Change(1 vs. N)	p-value(347T 477 vs. N)	Fold-Change(1 vs. N)	p-value(353T vs. N)	Fold-Change(1 vs. N)	p-value(537T 537 vs. N)	Fold-Change(1 vs. N)	p-value(537T 377 vs. N)	Fold-Change(1 vs. N)	p-value(563T vs. N)	Fold-Change(1 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg00675039	ZSWIM1;ACOT8	0.319221	0.170556	1.26466	0.26466	1.2329045	0.984555	-1.01569	0.0854948	0.73651	-1.35776	0.704356	1.06325	1.06325	0.321824	1.179	-1.179	1	0.0892961	1.35029	0.567492	0.911213	-1.09744	0.900658	1.0203	1.0203	0.5148091	1.1121	1.1121	1.43078	0.578367	0.36441	1
cg19161424	FMN1	0.319224	0.0887137	0.3921103	-2.55035	0.777764	0.868419	-1.15152	0.451528	0.682181	-1.46589	0.48724	0.674488	-1.48261	0.0201171	0.247112	-4.04674	1	0.9331116	0.950012	-1.04274	0.312138	0.59373	-1.68427	0.765963	0.861711	-1.16048	0.231829	0.535125	-1.86872	1.41077	5.55468	3.49985	1
cg17958132	ABR;ABR;ABR	0.319224	0.6093382	0.823569	-1.21423	0.21961	1.9074	1.9074	0.0538433	2.98939	2.98939	0.892421	0.934551	-1.07003	0.276715	0.567819	-1.76112	1	0.3878373	0.642283	-1.55695	0.7278551	0.8396559	-1.19096	0.18985	0.499259	-2.00297	0.8915563	1.07061	1.07061	1.41077	5.59131	3.52292	1
cg02521930	ZNF315	0.319228	0.6590658	0.931346	-1.07371	0.495316	1.11729	1.11729	0.230403	1.22329	1.22329	0.954816	1.00912	1.00912	0.31897	1.17937	1.17937	1	0.1255445	0.766776	-1.30416	0.592655	1.09035	1.09035	0.4201009	0.8764415	-1.14101	0.0703866	1.38259	1.38259	1.41076	0.573298	0.361221	1
cg09336899	NGEF;NGEF	0.319236	0.107534	4.06605	4.06605	0.15722	3.34685	3.34685	0.361797	2.11403	2.11403	0.82661	1.19148	1.19148	0.744294	1.29871	1.29871	1	0.209904	2.87274	2.87274	0.037425	6.88006	6.88006	0.148222	3.4508	3.4508	0.277595	2.46382	2.46382	1.41074	14.2495	8.9784	1
cg04487479	CD53A1;CD53A1	0.319238	0.728525	0.855469	-1.16895	0.544539	0.759748	1.3223	0.877942	0.934422	-1.07018	0.452083	0.709485	-1.40947	0.591049	1.77508	1.77508	1	0.1396617	2.03841	2.03841	0.0367135	2.966262	2.966262	0.2001038	1.83377	1.83377	0.977087	1.002955	1.012395	1.41074	4.48453	2.82565	1
cg07795016	NOS3	0.319241	0.371267	1.27704	1.27704	0.725161	1.09859	1.09859	0.216871	1.41357	1.41357	0.369292	1.27841	1.27841	0.219766	1.41019	1.41019	1	0.2241671	1.40514	1.40514	0.0157564	2.19931	2.19931	0.292829	1.33736	1.33736	0.559318	1.17031	1.17031	1.41073	1.58534	0.998013	1
cg05437995	GABBR1;GABBR1;GABBR1	0.319244	0.0781202	0.16129	-6.20003	0.553522	0.197661	-1.74837	0.682215	1.46777	1.46777	0.861392	0.849211	-1.17693	0.135131	0.228222	-4.48788	1	0.210723	0.2925	-3.41881	0.0659527	0.1380353	-7.24444	0.947069	0.4005543	-2.46583	0.2095496	0.291473	-3.43085	1.41072	15.4135	12.2324	1
cg26531039	GLI2	0.319257	0.25343	0.588549	-1.69754	0.642878	0.817969	-1.22254	0.699122	0.8460931	-1.1819	0.86594	0.929873	-1.07542	0.140025	0.504983	-1.98026	1	0.0135127	0.2684009	-3.72565	0.4542934	0.720371	-1.38817	0.435443	0.71006	-1.40833	0.5666335	0.779391	-1.28305	1.41068	4.13705	2.60681	1
cg03820024	WDR54	0.319263	0.0757248	0.684886	-1.4601	0.769715	0.945344	-1.05782	0.151076	1.34258	1.34258	0.290196	0.810436	-1.2339	0.444458	0.861341	-1.16098	1	0.142882	0.7397	-1.3519	0.357957	0.834432	-1.19842	0.230038	0.785747	-1.27267	0.738756	0.937925	-1.06618	1.41066	0.819067	0.516111	1
cg19892115	MTERFD2;MTERFD2;SNED1;MTERFD2	0.319272	0.214745	1.29296	1.29296	0.9261	0.982014	-1.01832	0.7255115	0.932903	-1.07192	0.917043	1.02071	1.02071	0.55002	0.887625	-1.12635	1	0.0177685	0.567203	-1.76304	0.356299	0.829708	-1.20524	0.97374	1.0065	1.0065	0.89572	0.974532	-1.02613	1.41064	0.864688	0.544868	1
cg07112565	NRXN1;NRXN1;NRXN1;NRXN1	0.319273	0.4096521	1.279556	1.17956	0.397247	1.18562	1.18562	0.0502924	1.54411	1.54411	0.138476	1.3666	1.3666	0.903053	1.02415	1.02415	1	0.0569833	1.53484	1.53484	0.1324993	1.844403	1.844403	0.1618013	0.900242	-1.10346	0.1779323	1.19182	1.19182	1.41064	0.856736	0.539858	1
cg05180887	MYT1L	0.319278	0.331209	0.690426	-1.44838	0.57982	1.22953	1.22953	0.180103	0.594946	-1.68082	0.781348	1.10828	1.10828	0.0693728	0.472071	-2.1183	1	0.1278154	0.544295	-1.83724	0.995234	0.997795	-1.00221	0.170112	0.582817	-1.7158	0.173922	0.585962	-1.70659	1.41062	3.0502	1.93206	1
cg18555199	FXR1;FXR1;FXR1;FXR1	0.319281	0.672636	0.924546	-1.08161	0.712379	1.07211	1.07211	0.533057	1.12539	1.12539	0.0799029	0.693906	-1.44112	0.85199	1.03575	1.03575	1	0.235799	0.791657	-1.26317	0.220075	0.786488	-1.27439	0.829943	0.960362	-1.04127	0.103431	1.40107	1.40107	1.41062	0.789994	0.497809	1
cg05428946	ZNF462 ZNF619;ZNF619;ZNF619;ZNF619;ZNF61 9;ZNF619;ZNF619;ZNF619;ZNF619;ZNF6	0.319289	0.146728	0.810095	-1.23442	0.272108	0.856781	-1.16716	0.524562	0.936499	-1.09111	0.667745	0.943282	-1.06013	0.628238	0.936154	-1.0682	1	0.128839	1.24848	1.24848	0.0889145	0.775921	-1.28879	0.457708	1.10767	1.10767	0.811658	1.1028	1.1028	1.41059	0.4084461	0.257393	1
cg00472977	19;ZNF619 NCALD;NCALD;NCALD;NCALD;NCALD;N CALD;NCALD	0.319292	0.0465172	0.675592	-1.48018	0.563656	0.904463	-1.10563	0.363492	1.17344	1.17344	0.167303	0.775133	-1.2901	0.631435	1.08595	1.08595	1	0.569629	0.905881	-1.1039	0.107903	0.740858	-1.34979	0.564643	0.90513	-1.1048	0.901619	1.02083	1.02083	1.41058	0.661005	0.416537	1
cg01971590	CALD;NCALD	0.319292	0.11451	0.284711	-3.51233	0.259175	0.422512	-2.3668	0.182976	0.355519	-2.81279	0.207881	0.378376	-2.64287	0.0403543	0.176719	-5.65871	1	0.22391	0.392541	-2.5475	0.153205	0.326474	-3.06303	0.355346	0.498652	-2.00541	0.233461	0.400809	-2.49496	1.41058	11.9664	7.54071	1
cg10056520	LOC100130872-SPON2	0.319293	0.5393645	0.771825	-1.29563	0.6606407	0.413862	-2.41626	0.133414	1.96445	1.96445	0.554301	1.28336	1.28336	0.629468	0.826161	-1.21042	1	0.373675	0.685546	-1.45869	0.38821	0.691525	-1.44608	0.18086	0.552901	-1.80864	0.940858	1.03143	1.03143	1.41058	3.88636	2.44902	1
cg36138867	CLSTN3;WBP5	0.319294	0.137903	1.439471	1.439471	0.53117	1.18583	1.18583	0.107567	1.33133	1.33133	0.2429	1.51444	1.51444	0.898694	1.12966	1.12966	1	0.1827119	1.72524	1.72524	0.1400975	2.485115	2.485115	0.0444513	1.6088081	2.04451	0.0140725	1.64025	2.29394	1.41057	5.16405	3.75307	1
cg22780612	JDP2;JDP2;JDP2;JDP2	0.319302	0.125512	0.672503	-1.48698	0.975373	0.992641	-1.00741	0.724164	1.08848	1.08848	0.243114	0.746563	-1.33947	0.0343648	0.553999	1.80506	1	0.1291078	0.675418	-1.48056	0.836573	0.951776	-1.05067	0.268491	0.758973	-1.31757	0.655365	0.89808	-1.11349	1.41055	1.27919	0.806105	1
cg04852940	CDL1GA1	0.319315	0.279	1.68322	1.68322	0.425834	1.45673	1.45673	0.639181	1.24416	1.24416	0.89602	1.0618	1.0618	0.108705	1.18797	1.18797	1	0.224323	1.80491	1.80491	0.0276897	3.3339	3.3339	0.0565819	2.7141	2.7141	0.42691	1.4554	1.4554	1.41052	4.78106	3.01296	1
cg01667185	PCJPC1;NFIA4;PC	0.319316	0.2817772	0.392804	-2.54694	0.276576	2.12971	2.12971	0.0179701	2.142461	1.39952	0.0052952	0.278993	0.560393	0.0567967	0.597224	-1.67437	1	0.3155002	0.425083	-2.3755	0.0139701	0.5937009	-1.68433	0.0147497	0.0806676	1.22727	-1.22727	0.0415051	1.36354	1.36354	1.41051	2.25375	1	
cg02969873	MAEA;MAEA	0.319318	0.530181	0.871297	-1.14771	0.9416373	1.01598	1.01598	0.972163	0.992468	-1.00759	0.388612	0.825775	-1.21098	0.404793	1.20283	1.20283	1	0.7968051	1.0575	1.0575	0.0172605	1.87472	1.87472	0.505965	0.863971	-1.15745	0.689262	1.09099	1.09099	1.41051	1.04861	0.660822	1
cg20964758	ENOX2;ENOX2;ENOX2;ENOX2	0.319324	0.13768	1.323843	1.69748	0.8004472	0.58423	-1.88225	0.464369	0.936503	-1.69347	0.593528	1.46375	1.46375	0.936134	1.0575	1.0575	1	0.0775469	2.04587	2.04587	0.0050118	3.8709387	3.8709387	0.1122637	1.9155	1.9155	1.50045	0.8920999	0.908478	-1.10074	1.41049	11.7331	6.04129	1
cg11147156	FLNC;FLNC	0.319328	0.774192	0.8565514	-1.16747	0.106028	1.58635	1.58635	0.58876	0.745418	-1.34153	0.481588	1.46967	1.46967	0.0972117	0.5398486	1.85463	1	0.905702	1.938202	1.06587	0.260048	0.531322	-1.8821	0.476981	0.677576	-1.47585	0.242077	0.517341	-1.93296	1.41048	1.47258	4.07904	1
cg16645907	LARP1	0.319331	0.996839	1.00166	1.00166	0.0419635	2.67019	2.67019	0.120338	2.02592	2.02592	0.908136	1.04956	1.04956	0.425726	0.711382	-1.40611	1	0.9314171	1.04771	1.04771	0.31991	1.53831	1.53831	0.125485	2.00334	2.00334	0.995064	1.0026	1.0026	1.41047	3.92234	2.47189	1
cg25950668	SEMA4C	0.319334	0.1986379	1.755097	-1.85334	0.2995882	2.16587	2.16587	0.388754	1.88624	1.88624	0.736208	1.42641	1.42641	0.520675	1.42641	1.42641	1	0.0937214	2.166002	2.166002	0.0133752	3.6556436	3.6556436	0.1524452	2.0529	2.0529	1.67018	0.6504161	1.26785	1.41047	0.104156	1.52398	1.2662	1
cg22747897	FGFRL1;FGFRL1;FGFRL1	0.319335	0.0568416	0.195066	-5.12647	0.561661	0.658461	-1.51869	0.65513	0.730108	-1.36966	0.0582559	0.197669	-5.05896	0.543418	0.649241	-1.54026	1	0.685577	1.32921	1.32921	0.711169	1.2968	1.2968	1	1	1	0.6312111	0.712738	-1.40304	1.57776	9.89557	3.91994	1
cg19072137	RPL27A	0.319339	0.589579	1.170407	1.170407	0.53117	1.18583	1.18583	0.107567	1.33133	1.33133	0.2429	1.51444	1.51444	0.898694	1.12966	1.12966	1	0.1827119	1.72524	1.72524	0.1400975	2.485115	2.485115	0.0444513	1.6088081	2.04451	0.0140725	1.64025	2.29394	1.41047	5.16405	3.75307	1
cg10387405	SPNS1;SPNS1;SPNS1;SPNS1;SPNS1	0.319343	0.146048	0.766207	-1.30513	0.0823596	0.72009	-1.38872	0.564974	1.10437	1.10437	0.493799	1.1259	1.1259	0.466625	0.881248	-1.13475	1	0.7275596	0.942071	-1.06149	0.575836	0.908048	-1.10126	0.244246	0.812298	-1.23108	0.178814	1.276	1.276	1.41044	0.650504	0.409962	1
cg26460678	HYAL2	0.319344	0.29908	0.680087	-1.4704	0.117705	0.544101	-1.83789	0.117814	0.544216	-1.83751	0.8941	1.04687	1.0487	0.600128	0.827389	-1.20862	1	0.609222	0.831364	-1.20284	0.0358875	0.417348	-2.39608	0.5795	1.22202	1.22202	0.891752	0.952395	-1.04998	1.41043	2.86646	1.80651	1
cg17053678	DDX12	0.319348	0.2817772	0.392804	-2.54694	0.276576	2.12971	2.12971	0.0179701	2.142461	1.39952	0.0052952	0.278993	0.560393	0.0567967	0.597224	-1.67437	1	0.3155002	0.425083	-2.3755	0.0139701	0.5937009	-1.68433	0.0147497	0.0806676	1.22727	-1.22727	0.0415051	1.36354	1.36354	1.41042	2.25375	1	
cg07245641	LAMC1	0.319351	0.118032	0.676155	-1.47895	0.0539932	0.603907	-1.65588	0.766298	0.933584	-1.07114	0.266273	0.765615	-1.30614	0.218535	0.742006	-1.3477	1	0.328665	0.792503	-1.26183	0.316501	0.787597	-1.26969	0.0922133	0.652243	-1.53317	0.131297	0.686854	-1.45591	1.41041	1.18752	0.748416	1
cg10696321	MOV10L1;MOV10L1;MOV10L1	0.319356	0.9880521	0.987016	-1.01329	0.9774704	0.986695	-1.01408	0.753188	1.24636	1.24636	0.796814	0.855368	1.17002	0.0153884	1.17002	1.17002	1	0.91023	1.08783	1.08783	0.670938	1.21108	1.21108	0.4572524	0.8134645	-1.22902	0.4044158	0.8134645	-1.22902	0.4044158	1.41039	12.445	7.848442	1
cg20541656	LAPTM4B	0.319364	0.2923382	0.678634	-1.47355	0.512092	1.26613	1.26613	0.486542	1.0755	-1.29781	0.871616	0.94422	-1.05908	0.0631822	0.476355	2.09927	1	0.774059	1.902898	1.10754	0.132797	0.562383	-1.77815	0.115911	0.54908	-1.82123	0.122425	0.552084	-1.81132	1.41038	1.81321	1.77302	1
cg19326023	CIB2	0.31937	0.612131	1.05779	1.05779	0.280669	0.884076	-1.13112	0.805508	1.02748	1.02748	0.627596	0.947703	-1.05518	0.479185	1.08225	1.08225	1	0.793795	1.0292	1.0292	0.0178705	0.728842	-1.37204	0.664223	1.04916	1.04916	0.779258	1.03136	1.03136	1.41036	0.269675	0.169664	1
cg19708125	ANKRD13C	0.319373	0.151514	1.597374	1.597374	0.626166	1.41171	1.41171	0.247774	1.14478	1.14478	0.354918	1.26053	1.26053	0.389911	1.14478	1.14478	1	0.1938487	1.765775	1.765775	0.0903	2.8803	2.8803	0.3121196	1.21754	1.21754	0.8900997	0.973168	1.02757	1.41036	0.864454	0.544829	1
cg19321684	GPSM3	0.319375	0.0534538	0.459587	-2.17587	0.824427	0.924272	-1.08193	0.0532259	0.459155	-2.17791	0.994314	0.997478	-1.00253	0.278122	0.670523	-1.49137	1	0.63568	1.18428	1.18428	0.339354	0.705384	-1.41767	0.524691	1.25667	1.25667	0.656	0.853088	-1.17221	1.41035	2.80562	1.76828	1
cg25226226	NGFR	0.319378	0.0752841	0.2910358	-3.43608	0.3437	0.72457	-1.38054	0.148434	1.3569	-1.13569	0.761617	0.80993	-1.23467	0.0189716	0.225492	-4.43475	1	0.5488169	1.4691011	1.4691011	0.2585005	2.1476847	2.1476847	0.0297113	1.45161	-1.45161	0.2585005	1.6128071	1.6128071	1.41035	4.6484852	3.1764	1
cg12136608	LRRN1	0.319381	0.397645	0.723814	-1.38157	0.320875	0.681969	-1.46634	0.593265	0.817746	-1.22287	0.492698	0.771033	-1.29696	0.0638364	0.459559	-2.176	1	0.6692976	0.851836	-1.17394	0.0491321	0.432482	-2.3122	0.0734411	0.474783	-2.10623	0.255776	0.642268	-1.55698	1.41033	3.1111	1.96083	1
cg07023138	HN1L	0.319383	0.408627	2.05106	2.05106	0.9188905	0.974239	-1.09011	1.0011	1.0011	1.0011	1.0011	1.0011	1.0011	1.0011	1.0011	1.0011	1	0.8201019	0.824501	-1.21251	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	1.41033	0.5744	0.4484	1.41033	0.5744	0.4484	1.41033	14.1387	8.652321	1
cg08898622	N4BP2	0.319384	0.136535	0.753598	0.753598	0.1455	1.11495	1.11495	0.547752	1.11325	1.11325	0.433761	0.868599	-1.15128	0.754398	1.32565	1.32565	1	0.7634375	0.861165	-1.16125	-1.05467	0.0689232	1.4319	1.4319	0.170225	0.74067	-1.35032	1.05891	1.05891	1.41032	0.694782	0.437903	1
cg01172484	MAGEH1;MAGEH1	0.319392	0.0823151	0.196151	-5.09813	0.164389	0.284913	-3.50984	0.88249	0.882339	-1.13335	0.103314	0.51741	0.51741	0.759521	0.771168	-1.29673	1	0.149509	0.270392	-3.69833	0.886245	0.885905	-1.12879	0.880574	0.880524	-1.13569	0.890619	0.890074	-1.1235	1.403	15.9985	10.0836	1
cg18380775	PBX4	0.319395	0.2347062	0.608959	-1.64206	0.2855106	0.919369	-1.08751	0.471197	0.732676	-1.36526	0.633176	1.20207	1.20207	0.197109	1.32276	1.32276	1	0.1818157	0.582233	-1.71752	0.663144	0.846084	-1.18192	0.387875	0.553352	-1.55352	0.19251	1.60284	1.60284	1.41031	3.3159	2.05043	1
cg26096979	NIF3L1;NIF3L1;NIF3L1;NIF3L1	0.319404	0.506844	1.51756	1.51756	0.233258	0.461122	-2.16862	0.179947	0.41394	-2.41581	0.873283	0.905872	-1.10391	0.296433	0.511442	-1.95526	1	0.217037	0.447331	-2.23548	0.0345527	0.219449	-4.55687	0.85873	0.805522	-1.11667	0.203932	0.435856	-2.29434	1.41027	8.56815	5.4005	1
cg00481827	FIS1	0.319412	0.103827	0.5651	-1.72265	0.0452753	0.495441	-2.0184	0.583776	0.844348	-1.18435	0.715764	1.11832	1.11832	0.453121	0.791893	-1.2628	1	0.178097	0.645609	-1.54891	0.935988	1.02467	1.02467	0.546571	1.20511	-1.20511	0.229866	0.680287	-1.46997	1.41024	2.0885	1.3164	1
cg15124571	DENND2C;DENND2C	0.319413	0.533139	1.16968	1.16968	0.495784	1.17765	1.17765	0.29987	1.28919	1.28919	0.823684	1.12403	1.12403	0.282471	1.30221	1.30221	1	0.333445	1.26602	1.26602	0.0333752	0.556497	-1.79696	0.414661	1.21792	1.21792	0.7684805	1.07231	1.07231	1.41022	1.24855	0.786984	1
cg07448606	PCDHGA4;PCDHGA12;PCDHGA11;PCD HGA1;PCDHGA9;PCDHGA1;PCDHGB1; PCDHGB6;PCDHGC3;PCDHGB3;PCDH	0.31942	?	?	?	0.83492	0.842948	-1.18631	?	1.50878	1.50878	0.104029	4.28126	4.28126	0.083188	4.80339	4.80339	1	0.25156	2.68348	2.68348	0.152444	3.55386	3.55386	?	?	?	0.197707	0.324957	-3.07733	1.41638	8.28967	8.07974	1
cg11471507	RPS6KA3	0.319426	0.245629	0.370254	-2.70085	0.971893	0.971584	-1.02925	0.61804	1.50878	1.50878	0.104029	4.28126	4.28126	0.083188	4.80339	4.80339	1	0.241839	0.367026	-2.72461	0.575159	0.629193	-1.58934	0.554673	0.613282	-1.63057	0.973821	0.973509	-1.02721	1.4102	14.9516	9.4244	1
cg00451058	ZNF397;ZNF397	0.319432	0.207985	0.777463	-1.28623	0.753507	1.06155	1.06155	0.923784	0.98202	-1.01831	0.0479052	0.651275	-1.53545	0.0362009	0.630132	-1.58697	1	0.532317	0.886982	-1.12742	0.80674	0.872828	-1.13917	0.879573	0.971662	-1.02916	1.41018	0.802933	0.506117	1
cg02442148	BCAR3	0.319445	0.134686	1.350776	1.350776	0.5169	1.2338	1.2338	0.162033	1.17255	1.17255	0.125975	1.63092	1.63092	0.0139403	1.63092	1.63092	1	0.2979	1.46532	1.46532	0.0060001	2.5318	2.5318	0.0826554	1.52297	1.52297	2.23168	0.1215175	1.98916	1.98916	1.41015	2.41698	1.4168	1
cg00308770	RGL1	0.319448	0.55396	0.771579	-1.29604	0.390886	0.683315	-1.46345	0.847312	0.919893	-1.08708	0.877673	0.93546	-1.06899	0.0331511	0.340018	-2.94102	1	0.81106	1.10931	1.10931	0.0365223	0.3490157	-2.86521	0.605423	0.79793	-1.25324	0.62842	0.809586	-1.2352	1.41014	4.19018	2.6413	1
cg04221167	AMMECR1;AMMECR1;RGAG1	0.319456	0.3997312	1.3264	1.3264	0.534547	1.29331	1.29331	0.0923	1.54408	1.54408	0.31694	2.3011	2.3011	0.0145468	2.30102	2.30102	1	0.3997312	1.3264	1.3264	0.0923	2.3011	2.3011	0.0145468	2.30102	2.30102	1.74048	0.1455312	2.3235	2.3235	1.54848	0.1455312	2.3235	2.3235	1.54848	0.1455312	2.3235	2.3235	1.54848

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	df(Error)
cg22745471	RFX1	0.3197	0.453837	1.33818	0.3197	1.0993877	1.99293	1.99293	0.0225367	2.80853	2.80853	0.602458	1.222218	1.222218	0.834187	1.08332	1.08332	0.689025	1.16508	1.16508	0.184005	1.7106	1.7106	0.16554	1.75987	1.75987	0.585797	1.23378	1.23378	1.40927	3.25349	2.05212	1
cg25389145	TRAPPC9;TRAPPC9	0.3197	0.159261	0.3402293	-2.93864	0.771241	1.23234	1.23234	0.482912	0.599899	-1.66695	0.857324	0.879011	-1.13764	0.131544	0.311429	3.211	0.392158	0.533543	-1.87426	0.0599957	0.2186	-4.57456	0.0594779	0.217758	-4.59226	0.553578	0.650879	-1.53638	1.40927	1.14614	7.22919	1
cg10845893	NR2C2;NR2C2;NR2C2;NR2C2	0.3197	0.109408	0.370684	-2.69772	0.587126	0.732181	-1.36578	0.522781	1.44521	1.44521	0.797627	0.864076	-1.15731	0.210645	0.472392	-2.11689	0.115434	0.37793	-2.64599	0.0456022	0.2716441	-3.68133	0.507315	0.682183	-1.46588	0.982204	0.987398	-1.01276	1.40926	7.21507	4.55089	1
cg13546937	ARHGSL	0.3197	0.0502709	2.23641	2.23641	0.589152	0.821484	-1.21731	0.898422	0.459494	-1.04714	0.384647	1.37915	1.37915	0.197805	0.612054	-1.63384	0.318033	0.689185	-1.45099	0.241063	1.55677	1.55677	0.538865	1.25157	1.25157	0.757348	1.11826	1.11826	1.40925	2.90309	1.83113	1
cg02383008	PNRC1	0.3197	0.15882	0.809591	-1.23519	0.717363	0.125321	1.05231	0.0443467	1.38253	1.38253	0.769761	0.959673	-1.04202	0.501674	1.10031	1.10031	0.296501	0.859151	-1.16394	0.724114	0.9151512	-1.05096	0.509456	0.910416	-1.0984	0.413937	1.12427	1.12427	1.40923	0.4390016	0.276914	1
cg02787991	SECTM1	0.3197	0.156358	5.63071	5.63071	0.721349	1.50377	1.50377	0.285543	3.53804	3.53804	0.588202	0.536466	-1.86455	0.372331	0.352258	2.83883	0.240891	4.04964	4.04964	0.275803	3.60669	3.60669	0.565285	1.93564	1.93564	0.043936	13.97194	13.97194	1.40923	28.9643	18.2696	1
cg04570442	ADCY9	0.3197	0.756338	1.14081	1.14081	0.118835	0.488435	-2.04735	0.253229	0.603464	-1.6571	0.457522	1.37744	1.37744	0.710202	1.17115	1.17115	0.764115	0.880399	-1.13585	0.0424336	2.68892	2.68892	0.760574	1.1381	1.1381	0.825483	1.09798	1.09798	1.40923	3.99844	2.52207	1
cg07626433	MAML3	0.3197	0.108676	1.33709	1.33709	0.324245	1.11309	1.11309	0.553895	0.906543	-1.10309	0.528773	0.899473	-1.11196	0.689824	0.934924	-1.06961	0.688995	0.93537	-1.0905	0.551761	0.7001443	-1.42827	0.42747	0.874144	-1.14398	0.324521	1.19402	1.19402	1.40923	0.6151597	0.388044	1
cg04865692	KCNC3	0.3197	0.157979	2.47651	2.47651	0.337299	2.28643	2.28643	0.239873	2.04949	2.04949	0.129913	2.67177	2.67177	0.734785	1.17907	1.17907	0.198999	2.25993	2.25993	0.43999	2.62263	-1.60601	0.0717804	0.34553	3.34553	0.388159	1.70121	1.70121	1.40921	0.85477	0.58071	1
cg10639428	ADCY3	0.3197	0.132487	0.303312	-3.29693	0.933737	1.06302	1.06302	0.812652	1.19063	1.19063	0.258494	0.420449	-2.37841	0.230533	0.396779	-2.5203	0.774404	0.809622	-1.23514	0.0522099	0.197347	-5.0672	0.170153	0.34176	-2.92603	0.119599	0.289063	-3.45946	1.40919	12.0533	7.603	1
cg10290527	MTDH	0.3197	0.407782	1.33818	-1.12183	0.745737	1.08202	1.08202	0.454303	1.18834	1.18834	0.148835	0.271009	-3.69111	0.269821	0.270972	-3.69005	0.77613	1.03947	1.03947	0.0515717	0.74019	-1.351	0.703763	0.904643	-1.05324	0.385581	0.886237	-1.12837	1.40918	0.4114409	0.259511	1
cg23180489	LYNX1;LYNX1;LYNX1;LYNX1	0.3197	0.663621	1.35469	1.35469	0.448763	0.91841	0.91841	0.0228441	6.49247	6.49247	0.729188	1.27264	1.27264	0.312821	1.83786	1.83786	0.6068	1.4335	1.4335	0.3682897	1.898645	1.898645	0.491481	1.62373	1.62373	0.6998855	1.30825	1.30825	1.40917	10.7401	6.77473	1
cg12748298	HR;HR;HR;HR	0.3197	0.202693	1.38451	1.38451	0.202016	0.723085	-1.38734	0.178783	0.707837	-1.41276	0.908627	0.972607	-1.02816	0.579405	1.14504	1.14504	0.514942	1.1702	1.1702	0.142093	0.683397	-1.46349	0.210564	1.37651	1.37651	0.750255	0.925595	-1.08039	1.40916	1.30611	0.823886	1
cg10108966	C3orf75	0.3197	0.9165448	0.9820338	0.182028	0.0767441	1.40323	1.40323	0.0127211	1.41246	1.41246	0.53385	1.11454	1.11454	0.449057	0.875672	-1.14198	0.936747	1.01375	1.01375	0.562777	1.10594	1.10594	0.0991371	1.36496	1.36496	0.738192	0.943902	-1.05941	1.40914	0.6610351	0.41608	1
cg02952494	MAPKBP1;MAPKBP3	0.3197	0.537383	1.52121	1.52121	0.0512926	1.44018	1.44018	0.305792	2.0186	2.0186	0.851975	0.882076	-1.13369	0.175436	0.3799	-2.63227	0.474588	0.613573	1.6298	0.0761138	0.750354	1.23914	1.16249	2.7099	2.7099	0.84557	1.13995	1.13995	1.40911	10.0697	6.35213	1
cg21934910	CAPS;CAPS	0.3197	0.509318	0.874679	-1.14328	0.602165	1.44018	1.44018	0.313083	1.41246	1.41246	0.492092	1.44018	1.44018	0.460777	1.53813	1.53813	0.604748	1.20441	1.20441	0.0934778	1.75948	1.75948	0.0844471	1.99722	1.99722	0.0427906	1.75948	1.75948	1.40911	0.0027187	0.0026099	1
cg13425677	MAP3K1	0.3197	0.3198424	0.4090886	1.10325	1.10325	0.1435348	1.20072	1.20072	0.19603	1.17249	1.17249	0.703027	0.956399	-1.04559	0.917167	0.987965	-1.01218	0.812013	0.972652	-1.02812	0.381513	0.900881	-1.11011	0.2102441	0.85756	-1.1651	0.0978316	1.23537	1.23537	1.40908	0.3022287	0.190692	1
cg14615609	TRIM27	0.3197	0.255578	0.307509	-1.11439	0.262699	1.11326	1.11326	0.925922	1.00851	1.00851	0.839079	1.01827	1.01827	0.105151	0.851358	-1.17505	0.876131	0.985888	-1.01451	0.980742	0.997803	-1.00222	0.908134	1.01057	1.01057	0.0407406	0.880637	-1.24012	1.40907	0.185229	0.116849	1
cg23880047	CAMTA1	0.3197	0.3198838	0.072711	0.274741	-3.64629	0.157037	0.500074	-1.99971	0.417035	0.560432	-1.78434	0.337813	0.502654	-1.98841	0.257827	0.215046	-4.65018	0.359707	0.518174	-1.92986	0.101146	0.286067	-3.49568	0.239375	0.423599	-2.36072	0.159745	0.350355	-2.85425	1.40904	0.807	0.562699	1
cg11653500	SPRY2;SPRY2	0.3197	0.3198839	0.815667	0.962865	-1.03857	0.998235	1.00036	1.00036	0.332055	1.17605	1.17605	0.91704	0.98728	-1.01288	0.460167	1.12959	1.12959	0.190094	0.798611	-1.25217	0.0825163	0.732246	-1.36566	0.686093	0.936278	-1.06806	0.0970737	1.34326	1.34326	1.40903	0.5860014	0.369687	1
cg11502745	IGSF22	0.3197	0.3198844	0.494373	0.487893	-2.04963	0.392604	0.863167	-1.15846	0.904975	0.9339	-1.07093	0.937028	0.937028	-1.06711	0.559497	0.500905	-1.99552	0.478563	0.478563	-2.08901	0.276576	0.900416	0.878564	-1.13822	0.874889	0.840183	-1.19008	0.882001	0.845518	-1.18271	1.40902	23.8668	15.0565	1
cg16359129	C1orf226;C1orf111	0.3198	0.3198845	0.397949	0.794609	-1.25848	0.2370033	0.728995	-1.37175	0.0765774	0.604953	-1.65302	0.221185	0.720271	-1.38837	0.430835	0.81452	-1.22772	0.271612	0.746766	-1.33911	0.135614	0.50739	-1.97009	0.955307	1.0144	1.0144	0.441139	0.818388	-1.22191	1.40902	1.4528	0.916511	1
cg06198312	AHDC1	0.3198	0.3198847	0.970438	1.03057	1.0305826	0.272251	1.27121	1.27121	0.0764956	1.14694	1.14694	0.31866	1.33702	1.33702	0.787487	-1.25394	0.787487	-1.25394	0.0473982	-2.11196	0.0472339	1.27233	1.27233	0.0472339	-2.11196	0.0472339	1.27233	1.27233	1.40902	0.6134513	0.388296	1
cg04608326	RPL11	0.3198	0.3198847	0.208164	0.738331	-1.35441	0.0496045	1.66876	1.66876	0.43588	1.19929	1.19929	0.799871	1.05979	1.05979	0.440428	1.19705	1.19705	0.24167	1.32335	1.32335	0.692031	0.913005	-1.09528	0.294746	1.282	1.282	0.205292	1.3573	1.3573	1.40901	1.1665625	0.735741	1
cg23171436	NAV2;NAV2;NAV2;NAV2	0.3198	0.3198851	0.798432	0.870718	-1.14848	0.0314503	1.45008	1.45008	0.38799	1.54379	1.54379	0.345962	0.6210551	-1.61017	0.69706	0.8253308	-1.21167	0.732251	1.18358	1.18358	0.326983	1.64318	1.64318	0.158724	2.09456	2.09456	0.813373	1.8904417	-1.12307	1.409	5.37501	3.3909	1
cg24192660	ANO8	0.3198852	0.577346	1.48179	1.48179	0.324422	0.965506	1.05573	0.280028	0.656375	1.19118	0.752392	0.801647	-1.24743	0.493991	1.17348	1.17348	0.185812	2.26834	2.26834	0.0596608	4.40374	4.40374	0.217141	2.4705	2.4705	0.329223	4.0940508	4.0940508	1.4091	3.8095	2.8895	1
cg08336622	BEND3	0.3198853	0.9189191	1.02057	1.02057	0.120383	1.40047	1.40047	0.899864	1.02575	1.02575	0.559159	1.12534	1.12534	0.221013	1.29332	1.29332	0.216998	1.29653	1.29653	0.203284	1.30798	1.30798	0.735185	0.93438	-1.07023	0.0313993	1.65645	1.65645	1.40898	0.8919326	0.562694	1
cg15329200	UPK3A;UPK3A	0.3198862	0.382359	0.602636	-1.51392	0.6749189	1.38796	1.38796	0.731395	1.22377	1.22377	0.264843	1.3005	1.3005	0.417631	0.683954	-1.46257	0.514238	1.55843	1.55843	0.0822497	2.01007	2.01007	0.908134	1.01057	1.01057	0.0407406	0.880637	-1.24012	1.40897	4.78227	3.01955	1
cg03303633	ZEB2;ZEB2	0.3198863	0.552185	0.696121	-1.43653	0.0299863	0.214785	-1.65388	0.189176	0.432676	-2.31119	0.652631	1.31376	1.31376	0.344733	0.556462	1.79707	0.881241	0.913895	-1.09422	0.313188	1.8744	1.8744	0.76794	0.842759	-1.18658	0.541781	1.45062	1.45062	1.40897	0.4099	5.10691	1
cg12744858	WDR33	0.3198864	0.09925	0.446375	-2.24027	0.852429	1.08667	1.08667	0.952228	1.0271	1.0271	0.969455	0.983054	-1.01724	0.0462947	0.960971	-1.04096	0.273302	0.601173	-1.66342	0.163577	0.514978	-1.94183	0.911082	0.95136	-1.05113	0.149704	0.501879	-1.99251	1.40896	4.44574	2.80473	1
cg10999598	PHAX	0.3198865	0.238833	0.538284	-1.85433	0.305025	0.845814	1.21314	1.1314	0.99075	0.944214	-1.00582	0.912881	1.021055	-1.28212	0.932152	0.403796	-2.4765	0.187024	0.496554	-2.01304	0.0745148	0.378569	-2.64223	0.298353	0.508105	1.21881	1.39944	1.42896	1.40896	0.59127	0.52744	1
cg07546139	FLJ42709;FLJ42709;FLJ42709	0.3198868	0.604183	1.22224	1.22224	0.376313	0.983343	-1.01694	0.485211	0.697548	-1.43359	0.923259	0.952246	-1.05015	0.39312	0.64899	1.64899	0.109315	2.42715	2.42715	0.0352582	3.47405	3.47405	0.160472	2.14136	2.14136	0.538392	3.27213	3.27213	1.40895	5.75533	3.63096	1
cg12620265	GNL3L	0.3198872	0.1525267	0.8980981	1.08107	0.0505826	0.271251	1.27121	1.27121	0.0764956	1.14694	1.14694	0.340907	1.06273	1.06273	0.153977	1.36639	1.36639	0.301113	0.833793	1.19974	0.29562	-3.38369	0.0882444	0.3023	-3.30743	0.0844804	-1.57098	0.060099	1.04622	1.40894	0.6135513	0.388296	1
cg03971454	TIE1	0.3198872	0.0784266	3.87889	3.87889	0.602683	1.43931	1.43931	0.983165	1.01474	1.01474	0.136384	3.04264	3.04264	0.569932	0.671562	1.48907	0.603683	1.43784	1.43784	0.0417626	5.0902	5.0902	0.287451	2.15081	2.15081	0.538164	1.54064	1.54064	1.40894	10.729	6.76885	1
cg20139683	POLE	0.3198875	0.734427	0.790648	-1.26478	0.0885011	0.656613	1.36563	0.125354	3.16394	3.16394	0.940181	0.920786	-1.08603	0.999497	1.00043	1.00043	0.0860706	0.2710094	-3.68875	0.699779	1.30645	1.30645	0.764131	0.790453	-1.2651	0.51131	0.631554	-1.5834	1.40893	10.6197	6.6999	1
cg21648401	SLC30A10	0.3198878	0.417446	1.34179	1.34179	0.0905866	0.920543	1.10786	0.931516	1.07746	1.02306	0.641966	1.13433	1.13433	0.0178551	1.44236	1.44236	0.446371	1.24311	1.24311	0.0655197	1.24311	1.24311	0.0655197	1.24311	1.24311	0.0655197	1.24311	1.24311	1.40892	1.6197	1.6003	1
cg12346467	RIOK2;RIOK2	0.3198879	0.3198	0.552146	0.825987	-1.21067	0.48756	1.25129	1.25129	0.067119	1.91982	1.91982	0.466865	0.790313	-1.26532	0.364	1.34515	1.34515	0.307401	0.714745	-1.3991	0.259238	0.708213	-1.41201	0.337486	1.36929	1.36929	0.280548	1.42834	1.42834	1.40892	2.25426	1.42222	1
cg22524661	GMIP	0.3198887	0.1246	0.275633	-3.62801	0.0385014	0.19014	-5.25928	0.823016	1.18208	1.18208	0.823016	1.03564	1.03564	0.386261	0.500247	-1.99981	0.57913	0.84884	-1.54349	0.163026	0.692889	1.44423	1.44423	0.226059	2.62728	2.62728	0.34636	2.11916	1.40892	0.8449	0.4409	1
cg02041067	IKBKG;GEP0;GEP0;IKBKG;IKBKG;IKBKG	0.3198891	0.0288105	0.2975885	-4.37556	0.0380013	1.36188	1.36188	0.877327	0.917249	-1.09022	0.827819	1.12976	1.12976	0.529125	1.4165	1.4165	0.206313	0.473963	-2.10987	0.140265	0.4115594	-2.42983	0.270284	0.82317	-1.21492	0.0870701	1.0747	1.0747	1.40889	7.00221	4.41654	1
cg06940053	LOC148189	0.3198895	0.8787804	1.025937	1.025937	0.293526	0.836193	-1.1909	0.973932	1.074297	-1.00641	0.710725	1.06307	1.06307	0.549301	1.12457	1.12457	0.818208	0.962905	-1.03842	0.0297668	1.65707	1.65707	-1.52184	0.13862	0.769705	-1.2992	0.213195	0.806357	-1.24015	1.40888	0.6014479	0.397486	1
cg07471565	DDIT4	0.3198899	0.583162	1.11006	1.11006	0.436687	0.861141	-1.16125	0.804928	1.02631	1.02631	0.75825	0.943494	-1.05989	0.0533878	0.661374	1.512	0.337929	2.04057	2.04057	0.573958	1.11329	1.11329	0.094736	0.707547	-1.41333	0.506801	1.1353	1.1353	1.40886	0.7920072	0.499739	1
cg02528294	ZNF598	0.3198901	0.1545394	2.88981	2.88981	0.0911397	1.82626	1.82626	0.0923593	2.70194	2.70194	0.0314142	3.08181	3.08181	0.0267817	2.8931	2.8931	0.860258	1.1281	1.1281	0.0664014	1.38843	1.38843	0.53815	1.52568	1.52568	0.585237	1.4528	1.4528	1.40886	1.4647	1.0203	1
cg18229107	MTHFD1	0.3198901	0.158172	0.686578	-1.4565	0.640405	1.12441	1.12441	0.33139	1.28374	1.28374	0.0793055	0.615387	-1.62499	0.561017	1.15778	1.15778	0.604081	1.13926	-1.13926	0.867726	1.04242	1.04242	0.138443	0.671961	-1.48818	0.383045	1.800156	-1.24976	1.40885	1.38608	0.874522	1
cg27586410	TCD	0.3198905	0.926969	1.02839	1.02839	0.44537	1.26812	1.26812	0.960206	1.01535	1.01535	0.911831	1.0319	1.0319	0.783484	0.919337	-1.08774	0.705346	0.890496	-1.12298	0.0231978	1.82007	1.82007	0.711253	0.966627	-1.03453	1.40885	2.08023	1.31249	1			
cg18975678	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2;AMZ2	0.3199007	0.508325	1.18473	1.18473	0.119543	1.5322	1.5322	0.122803	1.52557	1.52557	0.171609	1.44434	1.44434	0.395772	1.2457	1.2457	0.250344	0.738268	-1.35452	0.602886	0.87582	-1.14179	0.592992	0.872586	-1.14602	0.283155	1.32538	1.32538	1.40884	1.42392	0.8984	1
cg09921392	RNF166	0.3199008	0.1933083	0.6615338	1.51313	0.1511818	1.16158	1.16158	0.403789	1.37563	1.37563	-1.28932	0.440067	1.29154	0.3449	1.63216	1.63216	1.54587	0.0424705	0.155949	0.2815488	1.74669	1.74669	-1.96625	0.538988	1.74669	1.74669	0.484675	1.23378	1.23378	0.882452	0.957172	-1.04474	1.42484	1.4926	1.23216	1
cg13488132	KCNT1	0.3199012	0.310648	1.37897	1.37897	0.75228	1.10185	1.10185	0.697087	1.1273	1.1273	0.385393	1.31336	1.31336	0.426532	0.779815	1.28236	0.101833	0.577773	-1.73078	0.144125	0.6183184	-1.61712	0.64081	0.865944	-1.15481	0.178526	1.54934	1.54934	1.40883	2.0936	1.32094	1
cg19622451	HPS2;HPS2;HPS2;HPS2;HPS2	0.3199014	0.647315	0.9015756	-1.10917	0.799038	1.06031	1.06031	0.0880522	0.654807	-1.52718	0.652345	1.10739	1.10739	0.450267	0.841104	-1.18891	0.7959358	0.9742079	-1.02643	0.7150429	0.9955	-1.00455	0.9975	1.00251	1.00251	0.9975	1.00251	1.00251	1.40882	1.29077	1.29077	0.208955	1.34701	1.40882	0.312199	0.71229	1
cg00002531	SND1;MIR593	0.3199022	0.752726	1.07777	1.07777	0.429602	1.14541	1.14541	0.39103	1.25494	1.25494	0.534125	0.8710331	-1.14807	0.639967	1.10883	1.10883	0.154498	1.2753792	1.2753792	0.197005	1.47171	1.47171	-1.5551757	0.876314	-1.14134	0.142396	0.707653	-1.41332	1.4088	1.07295	0.670881	1
cg01543933	CYTSB;CYTSB	0.3199027	0.295313	0.700657	-1.42723	0.0730132	1.92596	1.92596	0.908787	1.03828	1.03828	0.86286	0.791971	-1.26267	0.122825	0.578104	-1.72979	0.308735	0.708002	-1.41243	0.723966	1.12325	1.12325	0.525593	0.658932	-1.51761	0.97313	0.989021	-1.0111	1.40879	2.39719	1.51253	1
cg22760968	SLC13A3;SLC13A3	0.3199034	0.446122	1.20468	1.20468	0.263186	1.72364	1.72364	0.432954	1.2989	1.2989	0.137777	1.62408	1.62408	0.0659758	1.31461	1.31461	0.215582	1.8982	1.8982	0.0330464	2.57968	2.57968	0.0109284	2.08448	2.08448	0.0480449	2.08448	2.08448	1.40879	3.0204	2.11708	1
cg23043139	FBLN2;FBLN2;FBLN2	0.3199034	0.194061	0.672866	-1.48618	0.315783	0.741488	-1.34864	0.129192	0.623265	-1.60445	0.319445	0.743274	-1.3454	0.810388	0.933035	-1.07177	0.601558	0.859055	-1.16407	0.229102	1.439	1.439	0.0545132	0.533102	-1.87581	0.601426	0.859007	-1.16414	1.40877	1.85533	1.17066	1
cg24550980	ARHGEF10	0.3199037	0.636073	0.766183	-1.30517	0.654575	1.28611	1.28611	0.262872	1.90338	1.90338	0.502389	0.683619	-1.4623	0.606899	0.742832	-1.33639	0.533598	1.43026	1.43026	0.0315589	4.01233	4.01233	0.175056	2.23863	2.23863	0.26661	1.90926	1.90926	1.40874	0.96546	4.33926	1
cg12293132	C7orf46;C7orf46;C7orf46	0.3199044	0.159818	0.74422	-1.34369	0.398802	0.824069	-1.21349	0.362177	0.831755	-1.20228	0.36771	0.833611	-1.1996	0.0625607	0.665182	-1.51153	0.110403	0.710221	-1.40801	0.47085	0.865647	-1.15521	0.267987	1.25476	1.25476	0.693977	0.925169	-1.08088	1.40874	1.8631118	0.544612	1
cg05513210	KIAA0895	0.3199048	0.328277	0.476362	-2.09924	0.0283062	0.149151	-6.7046	0.102483	0.268956	-3.71807	0.859101	0.906597	-1.10303	0.427686	0.551488	-1.81328	0.61435	0.688393	-1.45266	0.337724	0.483679	-2.06749	0.503035	0.60683	-1.64791	0.412983	1.84986	1.84986	1.40873	12.0505	7.60374	1
cg03528302	MIR429	0.3199052	0.6546624	1.468319	1.468319	0.5143	1.40977	1.40977	1.23019	0.513636	0.572109	-1.74792	0.3924113	0.49493	-2.02054	0.3455	-2.89479	0.5438444	1.08705	1.08705	0.6427063	0.364935	2.74042	0.336335	0.708258	-1.41191	0.778648	1.608232	1.64411	1.40872	0.7404	0.43936	1
cg26007882	MIR22	0.3199053	0.531515	0.803371	-1.24475	0.20014	0.59602	1.59602	0.296099	1.45318	1.45318	0.950493	1.02168	1.02168	0.69609	0.871069	-1.14801	0.493227	0.786332	-1.27173	0.201625	0.627648	-1.59325	0.353998	2.13397	2.13397	0.726298	1.885677	-1.12908	1.40871	2.66238	1.67994	1
cg00743064	ATRX;ATRX	0.3199053	0.0655494	0.18736	-5.33732	0.494086	0.569672	-1.7554	0.931798	0.932991	-1.07182	0.0770539	0.91859	0.91859	0.949635	0.950102	-1.05252	0.200198	0.334041	-2.99364	0.583075	1.56703	1.56703	0.975109	0.975036	-1.0256	0.632085	0.676459	-1.47829	1.40871	14.6492	9.24354	1
cg03648486	KIAA1549;KIAA1549	0.3199061	0.201896	0.622795	-1.60566	0.085232	0.15165	0.95165	0.452251	1.3088	1.3088	0.87962	0.955771	-1.04628	0.111895	0.544239	-1.83743	0.470781	0.772735	-1.29411	0.707878	0.902471	-1.10807	0.32004	1.43488	1.43488	0.910293	1.0404	1.0404	1.40863	2.75502	1.7385	1
cg07002902	DGKQ	0.3199062	0.485993	0.6744251	-1.48253	0.377294	0.604247	0.604247	0.0146697	0.45355	0.818948	1.13598	0.913958	-1.09443	0.0602025	0.265579	-3.76425	0.465024	0.66335	-1.5128	0.0274418	0.477471	-2.09437	0.319955	0.680095	-1.13514	0.363117	0.593447	-1.68508	1.40863	6.89649	4.35166	1
cg21139901	TMSL3;TMSB4X	0.3199062	0.157285	0.333987	-2.99413	0.565711	0.656381	-1.52351	0.615794	1.44322	1.44322	0.186648	2.75954	2.75954	0.0870666	3.93562	3.93562	0.163778	0.340445	-2.93734	0.818262	0.846291	-1.18163	0.885084	0.900449	-1.11056	0.871174	1.12489	1.12489	1.40863	1.17299	7.40191	1
cg08280159	BOP1	0.3199065	0.75765	1.33918	1.33918	0.785401	1.47005	1.47005	0.0904545	0.607955	1.28225	1.28225	0.0469757	2.08702	2.08702	0.0353139	0.6591372	-1.51706	0.244828	0.674588	0.4218	1.46055	1.46055	0.2302397	2.03976	2.03976	0.0284	2.20

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(353T vs. N)	Fold-Change(353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ga00805141	SMPD3	0.320365	0.536037	1.5829	1.33029	1.354143	0.647807	-1.54367	0.155735	1.99719	1.99719	2.2129	1.72266	1.722662	0.432363	1.694244	-1.44042	0.222093	0.557424	-1.79397	0.219964	0.555767	-1.77931	0.191032	0.532309	-1.62658	0.140772	4.62447	2.92008	1
ga21587837	NFKBIL1;NFKBIL1;NFKBIL1	0.320312	0.411626	0.642673	-1.556	0.345757	1.667558	1.667558	0.716396	0.825195	-1.21184	0.618666	0.462076	-2.16415	0.0566223	0.320975	3.11551	0.120911	0.412406	-2.4248	0.733363	0.835207	-1.19731	0.575836	1.34673	1.34673	0.307404	0.573247	-1.74445	1.4077	6.18344	3.90452	1
ga05048159	FAM84B	0.320312	0.29696	0.861037	-1.16139	0.849442	1.02664	1.02664	0.912114	0.984839	-1.01539	0.951403	1.00847	1.00847	0.853056	0.974671	-1.02599	0.335585	0.871629	-1.14728	0.307489	0.864014	-1.15739	0.250724	0.846995	-1.18064	0.034106	1.40797	1.40797	1.4077	0.42683	0.269521	1
ga19352977	AZIN1;AZIN1	0.320321	0.762457	0.958076	1.04278	0.427623	1.137283	1.137283	0.601042	1.08741	1.08741	1.08741	0.740903	0.948659	-1.05412	0.196009	0.804756	-1.24257	0.116092	0.76242	-1.31163	0.0356607	0.678169	-1.47456	0.93216	0.930836	-1.01362	0.452408	0.885511	-1.12929	0.40767	0.562452	0.355166	1
ga12184888	DEPDC5	0.320324	0.139081	1.31445	1.31445	0.926357	0.984249	-1.016	0.573018	1.10275	1.61933	0.927226	-1.07849	0.469983	1.13454	1.13454		0.441209	1.14439	1.14439	0.154226	0.760560	-1.29943	0.151584	0.768086	-1.30194	0.189943	1.26923	1.26923	0.407666	0.657502	0.415189	1
ga20738570	RPH3AL	0.320326	0.102288	0.24059	-4.15645	0.325178	0.445091	-2.34673	0.202178	0.34201	-2.92389	0.788426	0.807101	-1.239	0.0249101	0.119233	-8.38691	0.270343	0.400734	-2.49542	0.975226	1.02505	1.02505	0.812945	0.827894	-1.20798	0.309814	0.432846	-2.31029	1.40566	14.1531	8.93718	1
ga19953290	COL11A2;COL11A2;COL11A2	0.32033	0.505363	1.57374	1.57374	0.726029	0.789753	-1.26622	0.137791	0.342248	-2.92185	0.370219	1.85405	1.85405	0.540163	1.51601	1.51601	0.390161	1.8054	1.8054	0.124528	0.327657	-3.05197	0.110519	0.311369	-3.21163	0.674763	0.753407	-1.3273	1.40765	10.0354	6.33708	1
ga17183737	MTG1	0.320331	0.5924	0.68622	-1.50057	0.57512	1.10564	1.10564	0.164172	1.30111	1.30111	1.30111	0.191122	1.27661	1.27661	0.138929	1.32636	0.668348	0.926425	-1.07942	0.0895382	0.737538	-1.35564	0.766695	1.05419	1.05419	0.945619	0.987977	-1.01217	1.40764	0.700991	0.442656	1
ga27317493	TP73;TP73;TP73;TP73	0.320343	0.0575139	0.269236	-3.71421	0.655306	0.759982	-1.31582	0.342722	0.553692	-1.80606	0.874549	0.907997	-1.10132	0.0929374	0.323791	-3.08041	0.323668	0.536516	-1.86388	0.0496901	0.529207	-1.89007	0.354188	0.558635	-1.79008	0.32662	0.53427	-1.87171	1.40761	3.83543	5.25299	1
ga07073391	ITGA8	0.320344	0.183067	0.789562	-1.26652	0.94621	0.988779	-1.01135	0.50317	1.12035	1.12035	0.790725	1.04549	1.04549	0.275201	0.827072	-1.20908	0.075589	0.720305	-1.3883	0.244103	0.815613	-1.22607	0.102789	0.741905	-1.34788	0.187027	0.791438	-1.26352	1.40761	0.623593	0.393793	1
ga24962576	HHATL	0.320347	0.375301	0.651457	1.53455	0.926014	1.74	-1.04471	0.0636695	0.374598	-2.66953	0.49207	0.759155	1.35972	0.0107795	0.449437	-2.22453	0.333415	0.662505	-1.50942	0.0421	1.88466	1.88466	0.487025	1.99457	-1.97617	0.580679	1.30053	1.30053	1.4076	4.94473	3.12256	1
ga07876611	TBX4	0.320351	0.783303	0.955429	-1.04665	0.0737723	1.39047	-1.39047	0.100595	1.34644	-1.34644	0.288166	0.833289	-1.20006	0.717267	0.953036	-1.04928	0.075581	0.1576	0.124887	1.31619	0.13619	0.96228	1.00785	1.00785	0.770729	0.952821	-1.04952	1.40759	0.609782	0.385076	1
ga19799744	ENPP5	0.320356	0.0654347	0.675349	-1.48072	0.297775	0.805197	-1.24193	0.61671	1.10053	1.10053	0.199704	0.773232	-1.29127	0.706803	0.950782	-1.05147	0.316036	1.80963	1.80963	0.0609582	0.164382	1.64382	0.589828	1.13664	1.13664	0.850097	0.95645	-1.04553	1.40754	1.23463	0.779693	1
ga18877425	SGTA	0.320368	0.971156	1.01785	1.01785	0.12781	2.23793	2.23793	0.763243	1.1578	1.1578	0.828181	0.898336	-1.11317	0.0700144	0.371198	-2.69398	0.121707	0.440054	-2.27245	0.248771	0.554406	-1.80373	0.997883	1.0013	1.0013	0.64806	0.79863	-1.25214	1.40754	5.3366	3.37017	1
ga24163613	C5orf37	0.320374	0.708622	1.10426	1.10426	0.173187	0.845345	-1.18295	0.113365	1.21605	1.21605	0.977497	0.996751	-1.00326	0.117204	0.712705	-1.40329	0.809178	0.972474	-1.0281	0.190867	0.852322	-1.17327	0.868456	1.00191	1.00191	0.972325	1.11145	1.11145	1.4072	0.250671	0.187381	1
ga26340097	RGMB	0.320378	0.154545	0.63542	-1.57376	0.741099	0.90608	-1.10365	0.222574	0.682884	-1.46438	0.675443	0.882226	-1.1335	0.658326	1.14161	1.14161	0.0444887	1.98714	1.98714	0.746411	0.90796	-1.10137	0.638944	1.15099	1.15099	0.446606	1.261	1.261	1.40752	1.97407	1.24668	1
ga00794038	CEP86	0.320378	0.718874	1.0517	1.0517	0.601628	0.990585	-1.07621	0.648265	1.02587	1.02587	0.52981	0.915072	-1.09281	0.21916	1.19733	1.19733	0.739617	1.0476	1.0476	0.796485	1.03669	1.03669	0.911923	1.01555	1.01555	0.0144893	1.52203	1.52203	1.40751	0.419432	0.273726	1
ga23928020	STBSA2	0.320378	0.904014	-1.16987	1.16987	0.611227	1.94777	-1.94777	0.0170253	0.604664	-1.65383	0.470812	0.596282	2.59626	0.0791423	0.225765	-4.39271	0.892567	0.83884	-1.19212	0.0116126	0.0217378	-46.0028	0.875537	1.22591	1.22591	0.465523	1.380397	-2.62884	1.40751	37.7029	21.8106	1
ga03913259	C11orf24	0.320378	0.202099	1.28707	1.28707	0.162007	1.32275	1.32275	0.97726	0.994675	-1.00535	0.290274	0.814152	-1.22827	0.163538	1.32122	1.32122	0.5139	0.883368	-1.13203	0.0918282	1.41581	1.41581	0.835952	0.961901	-1.03961	0.40105	1.17471	1.17471	1.40751	0.782321	0.494063	1
ga00225067	LIMD1	0.320382	0.184772	0.473395	-2.11692	0.123989	2.43072	2.43072	0.232764	0.94868	-1.04868	0.447086	0.661554	-1.51166	0.183837	0.747338	1.33812	0.787401	1.15503	1.15503	0.382102	0.620702	-1.61271	0.317855	0.847222	-1.18021	0.429772	-1.71579	0.733671	1.19972	1.4075	0.63708	4.0021	1
ga14603406	TRIM8	0.320385	0.609741	0.936023	-1.06835	0.0483308	1.33565	1.33565	0.0576025	1.31752	1.31752	0.817131	0.970691	-1.03019	0.999876	1.00002	1.00002	0.348188	1.13206	1.13206	0.971333	1.00463	1.00463	0.567443	0.924832	-1.08128	0.402341	1.11636	1.11636	1.40749	0.367661	0.232193	1
ga07382273	PTP4A2;PTP4A2;PTP4A2;PTP4A2	0.320386	0.543417	0.894549	1.11788	0.560268	0.842042	-1.18751	0.0159575	0.659719	1.51729	0.190742	0.0501149	2.00185	0.0759255	0.449437	-2.22453	0.863385	0.979239	1.02098	0.818138	0.633131	-1.58401	0.0263863	0.898464	-1.11301	0.999036	1.00022	1.00022	1.40749	0.0002372	0.482214	1
ga03541331	DDAH1;DDAH1	0.320387	0.149952	0.310548	-3.22012	0.675196	1.37617	1.37617	0.457446	1.77416	1.77416	0.675627	0.726986	-1.37554	0.346056	0.479396	-2.08596	0.809848	1.20039	1.20039	0.047907	0.180225	-5.54863	0.469021	0.572261	-1.74745	0.117647	0.275953	-3.62381	1.40749	12.7966	8.08162	1
ga14743683	PTPN12;PTPN12;PTPN12	0.32039	0.077628	0.691109	-1.43039	0.496249	1.13417	1.13417	0.715946	0.93548	-1.06897	0.656371	1.08516	1.08516	0.683636	1.07764	1.07764	0.172271	1.30362	1.30362	0.0903489	1.40492	1.40492	0.488005	0.879341	-1.13722	0.967488	1.00747	1.00747	1.40748	0.742475	0.468908	1
ga00871679	MLXIP	0.320391	0.838496	1.05847	1.05847	0.76995	0.927071	-1.08257	0.0134464	1.51367	1.51367	0.96606	0.954597	-1.04547	0.0837602	0.667341	-1.49876	0.889807	0.972474	-1.0281	0.190867	0.852322	-1.17327	0.868456	1.00191	1.00191	0.972325	1.11645	1.11645	1.40748	0.0764008	0.481182	1
ga24458009	AMIGO2;AMIGO2	0.320392	0.267621	0.528439	-1.89236	0.24881	1.94606	1.94606	0.437301	0.645554	-1.54906	0.921493	0.94696	-1.05601	7	7	?	0.0631659	0.315287	-3.17171	0.208507	0.480789	-2.07991	0.307953	0.558203	-1.79117	0.273494	0.532898	-1.87653	1.4066	6.04096	4.29471	1
ga23502211	SMTN;SMTN;SMTN	0.320397	0.642882	0.821585	-1.21476	0.537228	2.64799	-2.64799	0.764049	1.2922	1.2922	0.42142	0.82881	1.4081	1.4081	0.662381	1.20091	1.20091	0.347815	1.49602	1.49602	0.0966343	1.4008	1.4008	0.0962248	1.4077	0.140077	0.163984	1.85686	1.4066	3.87079	2.44642	1
ga24364760	HERC3	0.320398	0.899753	0.985919	-1.01428	0.842998	0.977934	-1.02256	0.145014	1.19257	1.19257	0.180781	1.16994	1.16994	0.992586	0.998955	1.00105	0.348301	1.11477	1.11477	0.430107	1.09485	1.09485	0.220966	1.3618	1.3618	0.978967	1.00297	1.00297	1.40746	0.282224	0.178241	1
ga09598590	ZC3H13	0.320402	0.298635	0.67551	2.07551	0.810549	0.849781	-1.17677	0.243667	0.437435	-2.28605	0.656736	1.35415	1.35415	0.578757	1.46248	1.46248	0.88253	1.10541	1.10541	0.0862382	1.61379	1.61379	0.0593723	4.23168	4.23168	0.272647	2.16819	2.16819	1.40744	10.2407	6.46767	1
ga08804178	INPP5A	0.320406	0.426262	0.71284	1.4034	0.594474	1.75364	1.75364	0.433572	1.26101	1.26101	0.0769951	1.22693	1.22693	0.0470257	0.739671	1.35154	0.83552	1.1289	1.1289	0.0896204	1.53504	1.53504	0.0814437	0.871832	-1.14705	0.64117	0.760546	-1.31465	1.40743	7.58032	4.78749	1
ga04926368	TBC1D10B	0.320406	0.155622	0.793732	-1.25987	0.623222	1.0782	1.0782	0.75227	1.04932	1.04932	0.0749407	0.739671	-1.35195	0.542021	1.0984	1.0984	0.347391	0.863198	-1.15848	0.156997	0.794424	-1.25877	0.764657	0.955337	-1.04671	0.289666	1.18188	1.18188	1.40743	0.515322	0.325461	1
ga16998537	EYA2;EYA2	0.320409	0.418773	1.1	1.1	0.394474	0.832126	1.20192	0.0140258	0.584319	-1.71126	0.160223	0.482488	-2.07183	0.0222483	0.32792	-3.05029	0.761209	1.07	1.07	0.362567	0.853285	-1.17205	0.0237557	0.599317	-1.66842	0.0183157	0.395661	-2.52703	1.40742	0.0956611	0.0844264	1
ga07758902	NSUN2;SRO5A1	0.320408	0.44768	1.12262	1.12262	0.0760127	2.34329	2.34329	0.162082	1.24999	1.24999	0.232267	0.829238	-1.20593	0.256694	1.19357	1.19357	0.370111	1.14749	1.14749	0.718587	0.947348	-1.05558	0.568408	1.08999	1.08999	0.157402	1.25356	1.25356	1.40743	0.498012	0.314529	1
ga04367486	CD200;CD200;CD200;CD200	0.320431	0.0521229	0.2273	-4.39947	0.32853	1.96654	1.96654	0.62219	0.716727	-1.39523	0.971925	0.976673	-1.02388	0.136761	0.341328	-2.92973	0.353157	0.52695	-1.89771	0.106353	0.306507	-3.26252	0.429715	0.582427	-1.71695	0.483102	0.620041	-1.6128	1.40736	10.0232	6.33063	1
ga11242907	SCN2;SCN2A	0.320435	0.34099	0.781884	1.27879	0.476158	1.09418	1.09418	0.859875	0.94887	-1.05388	0.636443	1.1235	1.1235	0.0513812	0.495232	-2.01955	0.863385	0.979239	1.02098	0.818138	0.633131	-1.58401	0.0263863	0.898464	-1.11301	0.999036	1.00022	1.00022	1.40736	0.0002372	0.482214	1
ga12787571	ALDH3A1;ALDH3A1;ALDH3A1	0.32044	0.668553	0.832247	-1.20157	0.876435	0.935812	-1.06859	0.452245	0.721446	-1.38611	0.760981	1.13892	1.13892	0.0105124	0.253432	3.94582	0.424087	0.706055	-1.41632	0.470614	0.73131	-1.36741	0.425259	0.706703	-1.41502	0.970367	1.01596	1.01596	1.40734	0.045153	0.255808	1
ga08162752	CSE1L	0.320436	0.936326	0.988122	1.01208	0.0933	0.92633	1.09633	0.464095	1.10775	1.10775	0.220724	0.751552	-1.33078	0.0212202	0.509607	-1.96204	0.650897	1.10848	1.10848	0.112526	0.535659	-1.86756	0.0151403	0.884755	-1.13013	0.979056	0.998464	1.00557	1.00557	1.40734	0.999081	0.633157	1
ga03641847	SUSD2;SUSD2	0.320442	0.674906	0.813366	-1.22946	0.779098	0.761008	2.61003	0.674671	1.42765	1.42765	0.660948	0.805624	-1.24127	0.624633	0.785455	-1.27315	0.886473	0.932434	-1.07246	0.0563508	2.88107	2.88107	0.27785	0.575439	-1.7378	0.914976	0.940045	-1.05369	1.40733	1.34521	3.3761	1
ga13703155	COL5A1	0.320444	0.102521	0.350303	-2.85467	0.71852	1.23678	1.23678	0.8729	0.910286	-1.09856	0.104389	0.352658	-2.83561	0.14515	0.399091	-2.50569	0.116834	0.367769	-2.7191	0.763713	0.837775	-1.19364	0.107334	0.356323	-2.80645	0.39878	0.602178	-1.66064	1.40733	7.68317	4.85281	1
ga13300282	HCG4	0.320445	0.888226	0.967685	1.03348	0.727779	0.821484	-1.21776	0.170685	1.3221	1.3221	0.0760596	0.975152	-1.02538	0.0220724	0.507861	-1.97001	0.742171	1.3221	1.3221	0.0760596	0.82706	-1.20956	0.0970784	1.1241	1.1241	0.0201726	1.71737	1.71737	1.73862	1.3258	0.754004	0.513904	1
ga10591003	FAM181A;C14orf86	0.320449	0.313839	0.68249	-1.46522	0.369167	0.465938	-2.14621	0.627994	1.1961	1.1961	0.72623	0.722164	1.38516	0.683636	1.07764	1.07764	0.413892	0.736154	-1.35841	0.815231	0.917736	-1.08964	0.645965	0.843978	-1.18486	0.829336	0.923888	-1.08238	1.40731	2.99758	1.89334	1
ga07252645	UXS1	0.320451	0.29103	0.691051	-1.44763	0.307477	0.661737	-1.51156	0.314464	0.511367	-1.95607	0.0494574	0.0972502	-2.06351	0.0146111	0.261973	-3.81677	0.0609308	0.84459	-1.18403	0.0429	0.752349	-1.32909	0.0388342	0.729	-1.37179	0.0214906	0.628404	-1.59122	1.40731	1.11554	0.624774	0.722649	1
ga10101880	EMID2	0.320453	0.198527	0.584823	-1.70992	0.694558	1.1686	1.1686	0.33443	0.675018	-1.48144	0.172012	0.563288	-1.77529	0.209705	0.593371	-1.68529	0.610253	1.98811	1.98811	0.586532	0.805085	-1.2421	0.893029	0.948269	-1.05455	0.352273	0.45923	1.45923	1.4073	0.47398	0.21926	1
ga03730282	NKX3-1;NKX3-1	0.320453	0.396793	1.5881	1.5881	0.469108	1.23338	1.23338	0.0810596	1.31819	1.31819	0.584673	1.17091	1.17091	0.265283	1.17411	1.17411	0.454885	0.951154	-1.05135	0.274332	0.96502	1.03502	0.0896043	1.14008	1.14008	0.0962248	1.4077	0.163984	1.85686	1.4066	3.87079	2.44642	1
ga02836135	SCML4	0.320475	0.879085	0.887058	-1.12732	0.499842	1.21875	1.21875	0.277381	1.38602	1.38602	0.559233	1.54422	1.54422	0.288561	0.727441	1.37648	0.298765	1.3649	1.3649	0.0735118	1.77949	1.77949	0.160406	1.54209	1.54209	0.35539	1.31599	1.31599	1.40726	1.85939	1.17448	1
ga23961843	RGL1;APOBEC4	0.320471	0.596137	0.684196	-1.46157	0.110038	0.290566	-3.44155	0.677513	1.34546	1.34546	0.753641	1.25031	1.25031	0.639911	0.73147	-1.40554	0.884499	1.10865	1.10865	0.053891	4.72508	4.72508	0.196136	0.379128	-2.63763	0.554872	0.654559	-1.52775	1.40725	11.2212	7.08786	1
ga26430023	OSR2	0.320475	0.359338	1.44854	1.44854	0.244606	2.42418	2.42418	0.242606	0.618738	-1.61622	0.785679	0.898205	-1.11332	0.147305	0.435472	-2.29617	0.824599	1.1289	1.1289	0.0896204	1.53504	1.53504	0.0814437	0.871832	-1.14705	0.64117	0.760546	-1.31465	1.40724	7.58032	4.78749	1
ga12660315	ADAMTS16	0.320478	0.458578	1.28197	1.28197	0.846819	0.938331	-1.06572	0.92603	0.96699	-1.03103	0.570319	1.20778	1.20778	0.861158	0.944011	1.05931	0.903571	0.960895	-1.0407	0.0109598	2.85968	2.85968	0.0454896	2.19141	2.19141	0.449212	1.28892	1.28892	1.40722	2.41418	1.52494	1
ga20741197	ADM	0.320481	0.781218	0.967355	-1.03375	0.828234	1.02624	1.02624	0.877247	0.981745	-1.0186	0.666599	0.949698	-1.05297	0.915723	0.987461	-1.0127	0.188778	1.18055	1.18055	0.359349	0.893734	-1.1189	0.695533	0.915313	1.29869	1.29869	0.0891814	1.25038	1.25038	0.922722	0.336714	0.200056	1
ga07708516	MFAP5;MFAP5	0.320482	0.268178	0.62023	-1.61203	0.959532	0.864714	-1.31255	0.0139776	0.406367	-2.46083	0.110359	0.310064	-3.00243	0.0301445	0.199904	-5.00144	0.840088	1.1053	1.1053	0.302832	0.648913	-1.38713	0.579815	0.790533	-1.42342	0.806971	0.856805	-1.16713	1.40722	0.882825	0.545605	1
ga15827508	TNS1	0.320482	0.325744	0.820467	-1.21882	0.176501	1.32428	1.32428	0.362464	1.20026	1.20026	0.279264	0.803022	-1.2453	0.0925991	0.882222	-1.1335	0.343114	0.825940	-1.21073	0.13685	1.36687	1.36687	0.84424	0.962365	-1.03911	0.232757	0.783471	-1.27637	1.40722	0.847613	0.535407	1
ga03549162	TEKT1	0.320493	0.0654347	0.675349	-1.48072	0.297775	0.805197	-1.24193	0.61671	1.10053	1.10053	0.199704	0.773232	-1.29127	0.706803	0.950782	-1.05147	0.316036	0.571442	-1.74996	0.70347	0.790477	-1.26506	0.187056	0.423265	-2.36259	0.386462	0.579371	-1.72601	1.40718	8.42382	5.32116	1
ga05632020	HPRT1	0.320495	0.191562	0.231669	-4.3161	0.522586	1.98461	1.98461	0.803788	1.30123	1.30123	0.523967	1.97998	1.97998	0.319538	0.336873	-2.96804	0.0228335	0.0560736	-17.8337	0.782322	0.946052	-1.34039	0.447349	0.936207	-1.06853	0.0420948	0.270326	-3.69858	1.40718	24.9345	15.7507	1
ga11618093	NSDHL;NSDHL;C7N2	0.320509	0.208704	-4.79846	0.867694	0.306296	-3.26481	0.625629	0.735241	-1.36009	0.542588	1.47039	1.47039	0.648227	1.750278	1.33284	7	0.125497	3.75205	3.75205	0.3417	1.55357	1.55357	0.348955	0.470085	-2.12728	0.795431	1.22316	1.22316	1.44896	8.98571	6.03488	1
ga12568803	C14orf73	0.320509	?	?	?	0.10462	4.13661	4.13661	0.946873	0.949683	-1.05298	?	?	?	?	?	?	0.0954885	0.951154	-1.05135	0.274332	0.96502	1.03502	0.0896043	1.14008	1.14008	0.0962248	1.4077	0.163984	1.85686	1.4066	3.87079	2.44642	1
ga07005113	SYNJ1	0.320513	0.895439	1.12638	1.12638	0.0944	0.0494	2.0494	0.0222628	0.70886	-1.41055	0.0100948	0.162213	0.873282	7	-1.14511	0.0458885	0.0560736	-17.8337	0.782322	0.946052	-1.34039	0.447349	0.936207	-1.06853	0.0420948	0.270326	-3.69858	1.40718	24.9345	15.7507	1
ga07804111	OAZ3;MIR9;QUA23	0.320525	0.0954282	0.38536	-2.59498	0.325595	0.679618	1.69618	0.498106	0.699055	-1.4305	0.17531	0.47223	-2.11761	0.394014	0.634777	-1.57536	0.512125	0.707445	-1.41354	7	7	?	0.922637	0.950693	-1.05186	0.186915	0.21574	2.0714	1.40623	5.36455	3.81484	1
ga01006515	ANXB35	0.320525	0.206378	0.4	-2.50004	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	0.0955	1
ga13947995	FES;FES;FES;FES	0.32053	0.629108	0.504147	-1.98355	0.100742	12.5514	12.5514	0.283874	4.79118	4.79118	0.831059	1.35075	1.35075	0.659317	0.535611	-1.86703	0.471295	2.80453	2.80453	0.13811	9.45837	9.45837	0.976153	0.958807	-1.04296	0.0461155	24.9288	24.9288	1.40708	44.1341	27.8805	1
ga19612827	LOC188692	0.320531	0.133805	2.22335	2.22335	0.529707	1.36971	1.36971	0.874895	0.925098	-1.08097	0.934469	1.04147	1.04147	0.940158	1.62463	1.62463	0.597023	1.30166	1.30166	0.153325	2.12874	2.12874	0.387743	2.54046	2.54046	0.0423471	3.17525	3.17525	1.40708	5.44123	3.43757	1
ga02680009	ADH5	0.320538	0.531281	1.14826	1.14826	0.682166	1.09391	1.09391	0.526287	1.11024	1.11024	0.178966	0.752541	-1.36511	0.755377	0.67051	1.07051	0.427275	0.838035	-1.19327	0.855305	0.961042	-1.04054	0.73767	0.92934	-1.07603	0.0260043	1.77889	1.77889	1.40706	1.05903	0.669025	1
ga10174343	SLC5A2;SNORD27;SLC3A2;SNHG1;SNOR	0.320539	0.200274	0.860267	-1.16243	0.375347	1.10652	1.10652	0.240733	1.14641	1.14641	0.209975	1.15833	1.15833	0.553729	0.93553	-1.06891	0.685718	0.955749	-1.0463	0.25368	0.875802	-1.14181	0.38456	1.10427	1.10427	0.175326	0.851855	-1.17391	1.40706	0.275805	0.174236	1
ga09304244	PQLC3	0.320545	0.422974	0.893593	-1.11908	0.025832	1.43876	1.43876	0.717531	0.951286	-1.05121	0.961693	0.993419	-1.00662	0.997724	0.999608	-1.00039	0.473407	1.10543	1.10543	0.546182	1.08758	1.08758	0.342034	0.874086	-1.14405	0.236074	1.18611	1.18611	1.40704	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	t(Test)	SS(Test)	SS(Error)	F(Error)
cg19084059	C15orf39	0.320797	0.253554	2.24825	0.24825	2.24708	0.23604	2.28604	0.33249	1.97242	1.97242	0.861215	0.887902	-1.12625	0.157083	0.357669	-2.79588	0.562233	0.671588	-1.48001	0.475771	0.630976	-1.62673	0.301275	2.490843	2.490843	0.2020303	0.400391	-2.49706	1.40633	10.282	6.49884	1
cg23660155	EPHA8;EPHA8	0.320797	0.728015	0.934481	-1.0697	0.574215	1.15179	0.515279	0.052089	0.652828	-1.5318	0.869251	1.02236	1.03236	0.0599584	0.663934	-1.50617	0.304741	1.22767	1.22767	0.862531	1.03401	1.03401	951	1.01193	1.01193	1.02103	1.03102	1.40633	0.829572	0.524342	1
cg17714799	CASP6;CASP6	0.32081	0.478171	0.763777	-1.30928	0.0336888	2.52688	2.52688	0.373064	1.40739	1.40739	0.425863	1.3551	1.3551	0.483532	0.766363	-1.30487	0.517329	0.782452	-1.27803	0.243152	0.633546	-1.57842	0.926975	0.966322	-1.03485	0.745902	0.885581	-1.1292	1.40629	3.11061	1.96615	1
cg03474731	CHEK1;CHEK1;CHEK1;CHEK1;CHEK1 RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB1	0.320874	0.602196	0.908391	-1.10084	0.399794	0.854586	-1.17054	0.296694	0.820645	-1.21855	0.578391	1.1081	1.108	0.344678	1.194061	-1.19461	0.697258	0.930019	-1.07525	0.672159	1.08837	1.08087	0.0826591	1.140658	1.42068	0.0826591	1.42068	0.7433337	0.4698661	1
cg17339484	1	0.320827	0.120032	1.27093	1.27093	0.407896	1.12788	1.12788	0.689099	1.05884	1.05884	0.667158	1.06343	1.06343	0.2846554	0.841124	-1.18888	0.431486	1.1209	1.1209	0.0801752	0.758855	-1.31777	0.300601	1.16472	1.16472	0.866273	1.02425	1.02425	1.40625	0.450079	0.284495	1
cg22206745	ORAOV1	0.320829	0.829023	0.897029	-1.11479	0.204709	1.95897	1.95897	0.615661	1.28959	1.28959	0.63212	1.27425	1.27425	0.337146	0.60822	-1.64414	0.860146	1.09266	1.09266	0.0255266	0.263571	-3.79405	0.576227	1.32806	1.32806	0.875627	1.08188	1.08188	1.40624	5.62287	3.55423	1
cg11292185	CHEK2;CHEK2;HSCB;CHEK2	0.320829	0.495479	0.906571	-1.10353	0.0305103	1.43374	1.43374	0.0919992	1.30066	1.30066	0.912056	1.01578	1.01578	0.483508	1.10618	-1.10618	0.817005	0.967685	-1.03339	0.674463	0.941888	-1.0627	0.864982	1.02447	1.02447	0.348119	1.14654	1.14654	1.40624	0.44731	0.282746	1
cg11277148	PMMA2	0.320835	0.710684	1.00021	1.00021	0.774775	1.07631	1.07631	0.619499	1.08758	1.08758	0.644251	1.53172	1.53172	0.377413	1.26132	1.26132	0.913059	0.972393	-1.02839	0.338437	0.540553	-1.84996	0.572431	1.15744	1.15744	0.41636	1.23729	1.23729	1.40622	1.46329	0.924961	1
cg03724721	COMT;COMT;COMT;COMT	0.320841	0.387587	1.99887	1.99887	0.192453	2.94136	2.94136	0.0776368	4.63582	4.63582	0.567265	0.636208	-1.57181	0.193282	0.340741	-2.93478	0.738656	0.769619	-1.29934	0.371757	2.0487	2.0487	0.248491	2.56879	2.56879	0.348571	2.12701	2.12701	1.40621	13.6215	8.61038	1
cg08076332	BCOR;2	0.320845	0.159613	1.36178	1.36178	0.0499547	1.24215	1.24215	0.0139	1.27985	1.27985	0.0864224	1.35557	1.35557	0.0139	1.27985	-1.27985	0.677637	0.5739	-1.74246	0.160469	1.58439	1.58439	0.101192	1.85008	1.85008	0.487153	1.25433	1.25433	1.4053	34.0098	24.8416	1
cg03406011	CCDC48	0.320847	0.136799	2.05339	2.05339	0.54061	1.30561	1.30561	0.870229	1.07236	1.07236	0.136277	2.05587	2.05587	0.563502	1.28554	1.28554	0.0608039	2.66314	2.66314	0.280351	0.611628	-1.63498	0.23696	1.72586	1.72586	0.580641	1.27106	1.27106	1.57526	4.17532	1.47253	1
cg13237025	ANO1;ANO1	0.320851	0.542933	1.15506	1.15506	0.968099	0.990682	-1.00941	0.502922	0.864452	-1.15707	0.316638	0.784558	-1.2746	0.0753128	0.628833	-1.59025	0.063698	0.613869	-1.62001	0.234579	0.743024	-1.33865	0.429482	1.20779	1.20779	0.445674	0.833619	-1.19959	1.40618	1.22819	0.77141	1
cg08428949	TTBK2	0.320856	0.963378	1.0092	1.0092	0.560868	1.12443	1.12443	0.260619	0.791378	-1.26362	0.722393	0.931329	-1.07373	0.315559	0.918051	-1.22994	0.640781	0.912088	-1.09639	0.0358268	1.62753	1.62753	0.406015	0.844052	-1.18476	0.319511	0.814512	-1.22773	1.40616	0.88583	0.559966	1
cg22532003	NMNAT2 ACP1;ACP1;SH3YL1;ACP1;ACP1;ACP1;A	0.320859	0.309723	0.601145	-1.66626	0.809257	1.12399	1.12399	0.56196	1.32399	1.32399	0.206858	0.522817	-1.91271	0.0991114	0.412227	-2.42585	0.808753	0.88409	-1.13244	0.529366	1.36138	1.36138	0.340705	1.61167	1.61167	0.0920998	0.402756	-2.48289	1.44495	5.23039	2.81538	1
cg21949518	CP1;ACP1;SH3YL1	0.320862	0.762545	1.16855	1.16855	0.46205	1.46938	1.46938	0.667982	1.24832	1.24832	0.037596	0.289413	-3.45527	0.379656	0.629234	-1.58923	0.328094	0.595187	-1.68014	0.702395	1.23815	1.21815	0.177634	2.0884	2.0884	0.827599	1.11864	1.11864	1.40615	5.8841	3.7196	1
cg19036593	TNXB	0.320863	0.0913605	0.353735	-2.82705	0.096084	0.361237	0.361237	0.0202754	0.471602	-2.12043	0.62849	0.761453	-1.31328	0.0673788	0.311929	-3.20556	0.115669	0.402682	-2.48315	0.571174	0.726227	-1.37698	0.225008	0.490506	-2.03871	0.795964	0.865162	-1.15585	1.40614	6.95787	4.39899	1
cg08454669	KLF11	0.320864	0.606636	1.07405	1.07405	0.647064	0.885652	0.885652	0.614855	1.38456	1.38456	0.507606	0.649782	-1.53898	0.276892	0.484474	-2.06537	0.322587	0.519278	-1.92575	0.693771	0.774887	-1.29105	0.650515	0.650671	-1.53688	0.319947	0.526262	-1.9002	1.40614	9.16051	5.79079	1
cg05719052	CTNS;CTNS	0.32087	0.41074	1.45436	1.45436	0.0753476	2.41132	2.41132	0.197633	0.545311	-1.83381	0.196979	1.83561	1.83561	0.16439	1.91597	1.91597	0.34538	1.54148	1.54148	0.878975	1.07021	1.07021	0.544935	0.761226	-1.31367	0.869058	0.929166	-1.07623	1.40612	4.41574	2.79143	1
cg19280785	KY	0.320873	0.256039	1.52291	1.52291	0.409934	1.59554	1.59554	-1.58847	0.144104	0.424008	-2.35845	0.56128	0.727727	-1.37419	0.0334679	2.98934	0.380013	1.62564	1.62564	0.0702049	1.26389	1.26389	0.427572	0.802245	-1.55704	0.416337	0.634949	-1.57493	1.40612	6.65782	4.20878	1
cg16811558	ODC	0.320874	0.205744	0.641457	-1.55895	0.567542	1.21192	1.21192	0.252856	1.48774	1.48774	0.184825	0.626374	-1.59649	0.737748	0.908577	-1.10062	0.126038	0.576594	-1.73432	0.224682	1.5284	1.5284	0.420546	1.31485	1.31485	0.79268	1.09157	1.09157	1.40611	2.46396	1.55762	1
cg04775729	LOC286467	0.320875	0.402468	1.27427	1.27427	0.218959	1.78884	1.78884	0.0116134	2.01258	2.01258	0.0176451	1.4739	1.4739	0.266632	0.536207	-1.86492	0.0624774	0.323353	-3.09226	0.0126	0.628832	1.59089	0.0138424	2.99811	2.99811	0.0124239	0.349591	-2.86049	0.360615	0.602852	-1.65878	0.0540029	0.309665	0.2239	0.654171	6.47744	4.08213	1
cg27160968	ESRRA	0.320876	0.35739	0.630205	-1.58679	0.0977988	1.42548	1.42548	0.129597	2.22283	2.22283	0.800531	0.883824	-1.13145	0.579898	0.762293	-1.31356	0.358589	0.630971	-1.58486	0.456581	1.44752	1.44752	0.219641	1.87692	1.87692	0.466332	0.696556	-1.43564	1.40611	5.29903	3.34985	1
cg02578470	MCM3	0.320878	0.174366	0.384005	-2.60413	0.244988	0.446828	-2.238	0.769778	0.823331	-1.21458	0.419342	0.578929	-1.72733	0.0931803	0.2058	-4.85908	0.121381	0.328751	-3.04182	0.0795363	0.225509	-3.62665	0.0611628	0.614398	0.46847	0.599589	-1.66781	0.432128	0.587982	-1.70073	1.40611	9.77158	6.17724	1
cg07018675	PANX2;PANX2;PANX2	0.320878	0.849368	1.34673	1.15453	0.329665	1.16919	1.16919	1.34594	0.499381	1.00414	1.00414	0.0824655	1.03549	1.03549	0.0215025	1.52938	0.727781	1.01349	1.01349	0.762307	1.00414	1.00414	0.762307	1.00414	1.00414	0.762307	1.00414	1.00414	1.40611	1.57585	0.994801	1
cg23990435	CXXC5	0.320878	0.462973	0.78407	-1.2754	0.0663114	1.95542	1.95542	0.0974178	1.80799	1.80799	0.985756	1.00583	1.00583	0.584773	0.83555	-1.19682	0.135118	1.68954	1.68954	0.607423	0.844738	-1.1838	0.809265	1.08192	1.08192	0.759077	0.904691	-1.10535	1.4061	2.36093	1.4925	1
cg04999601	CFAP52;C7orf29;LRRC61;LRRC61	0.320879	0.330205	1.56246	1.29739	0.0326501	0.495634	-1.67294	0.965823	1.28285	1.28285	0.0116883	2.12455	2.12455	0.666074	1.28285	-1.28285	0.411059	0.617895	-1.6186	0.707788	1.64281	1.64281	0.117447	0.796784	0.796784	0.837077	1.21407	1.64291	1.40611	1.30513	0.463812	1
cg00328740	VIPR1	0.320879	0.973062	0.97924	-1.0212	0.236	2.163	2.163	0.493381	0.649115	-1.54056	0.812963	0.863075	-1.15865	0.0837626	0.229373	-4.46483	0.222889	0.451259	-2.21602	0.156908	0.390404	-2.56145	0.383256	0.573802	-1.74276	0.534438	0.476463	-2.09871	1.40611	6.59526	5.43364	1
cg20560169	DIO3	0.320882	0.153949	4.32618	4.32618	0.959449	0.95238	-1.05	0.774306	1.3177	1.3177	0.977355	0.973131	-1.02761	0.215394	0.286136	-3.49484	0.362751	0.407535	-2.45378	0.400321	0.437734	-2.28449	0.0522198	8.32174	8.32174	0.672707	1.5034	1.5034	1.40609	20.5061	12.9633	1
cg13084335	CRYAB;HSPB2	0.320887	0.373133	1.54262	1.54262	0.0915271	1.04946	1.04946	0.26105	1.35126	1.35126	0.283515	1.88873	1.88873	0.153541	2.06674	-2.06674	0.0736131	0.0470351	-3.76534	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	1.40609	5.00616	3.16484	1
cg24576868	PPM1E	0.320897	0.603333	1.23863	1.23863	1.04023	0.484028	-2.066	0.244909	0.608617	-1.64307	0.446322	0.728404	-1.37286	0.209236	0.598681	-1.67034	0.869028	1.06969	1.06969	0.115253	2.01189	2.01189	0.147457	1.40253	1.40253	0.773036	1.1253	1.1253	1.40605	3.71126	2.34622	1
cg06409934	WRX	0.320898	0.158328	1.37473	1.14078	0.0134757	2.94427	2.94427	0.126633	1.822204	1.61406	0.318869	0.574124	-1.74174	0.897728	0.925241	-1.08057	0.232524	0.454104	-2.20273	0.0777	0.327722	0.327722	0.327722	0.327722	0.327722	0.327722	0.327722	0.327722	1.40605	1.39721	0.844654	1
cg07595640	GATA2	0.3209	0.02476555	20.684	20.684	0.759399	0.705974	-1.41648	0.966788	1.04832	1.04832	0.575711	0.526836	-1.89812	0.0992432	7.75409	7.75409	0.900598	0.867941	-1.15215	0.576233	0.527308	-1.89642	0.941908	0.920717	-1.08611	0.742977	1.45201	1.40604	20.6864	18.0848	1
cg05507145	MCTP1	0.320901	0.578362	0.756709	-1.31994	0.496288	0.710674	-1.40711	0.0460786	0.322983	-3.09614	0.0338886	0.293876	-3.4028	0.159263	0.475329	-2.10381	0.357417	0.62628	-1.59673	0.812607	0.889211	-1.12459	0.74348	0.850135	-1.17628	0.707487	0.829963	-1.20487	1.40604	5.44377	3.44152	1
cg00002236	RTTN	0.320903	0.582762	0.757609	-1.31994	0.496288	0.711566	-1.40711	0.0460786	0.323165	-3.09377	0.0339654	0.294664	-3.40112	0.159302	0.475329	-2.10381	0.111847	0.31506	-3.17352	0.0422	0.21664	-4.61832	0.0422	0.21664	-4.61832	0.0422	0.21664	-4.61832	1.40605	1.07685	0.760854	0.557081	0.312183	1
cg04784122	MPP1;MPP1 MPP1;MPP1;MPP1;MPP1;MPP1;MPP1;	0.320908	0.0992859	0.29485	-3.39156	0.555309	1.49667	1.49667	0.343075	1.93519	1.93519	0.0761093	3.79631	3.79631	0.819081	1.16749	1.16749	0.170102	0.372462	-2.68484	0.990858	1.00777	1.00777	0.827099	1.15935	1.15935	0.836014	1.15039	1.15039	1.40602	10.1735	6.43173	1
cg13546093	TRHDE	0.320917	0.724619	0.909568	-1.09942	0.857176	0.952871	-1.04946	0.26095	0.730387	-1.36914	0.492936	1.20515	1.20515	0.0452025	0.540248	-1.851	0.794095	0.932307	-1.07261	0.136213	1.53763	1.53763	0.401287	1.25887	1.25887	0.808069	1.06739	1.06739	1.40599	1.59907	1.01096	1
cg19352830	EIF2C2;EIF2C2	0.320917	0.746584	0.895434	-1.11678	0.0378033	0.440205	-2.27167	0.813737	1.08372	1.08372	0.863177	1.06052	1.06052	0.572182	0.823305	-1.21462	0.43799	0.763769	-1.3093	0.382452	0.733045	-1.35677	0.0708071	0.502755	-1.98904	0.407973	1.33417	1.33417	1.40599	2.58383	1.63353	1
cg23020924	ZSCAN1	0.320918	0.011681	1.48959	1.48959	0.0139	1.27985	1.27985	-1.58847	0.144104	0.424008	-2.35845	0.56128	0.727727	-1.37419	0.0334679	2.98934	0.380013	1.62564	1.62564	0.0702049	1.26389	1.26389	0.427572	0.802245	-1.55704	0.416337	0.634949	-1.57493	1.40612	6.65782	4.20878	1
cg05988698	LUZP2	0.320935	0.133974	0.478579	-2.08952	0.475514	0.718313	-1.39215	0.504238	0.734173	-1.36208	0.529436	0.747896	-1.33708	0.0607615	0.381401	-2.62191	0.41904	0.686266	-1.45716	0.133882	0.208994	0.208994	0.78687	1.1303	1.1303	0.494691	0.728929	-1.37188	1.40594	4.62947	2.92693	1
cg02622773	RAD54L;RAD54L	0.320937	0.402468	1.27427	1.27427	0.218959	1.78884	1.78884	0.0116134	2.01258	2.01258	0.0176451	1.4739	1.4739	0.266632	0.536207	-1.86492	0.0624774	0.323353	-3.09226	0.0126	0.628832	1.59089	0.0138424	2.99811	2.99811	0.0124239	0.349591	-2.86049	0.360615	0.602852	-1.65878	0.0540029	0.309665	0.2239	0.654171	6.47744	4.08213	1
cg12292134	ASAP1	0.320945	0.484625	0.696334	-1.43609	0.361552	1.61278	1.61278	0.934569	0.95902	-1.04273	0.679551	0.809227	-1.23575	0.0202913	0.240271	-4.16197	0.352803	1.62781	1.62781	0.721241	1.20031	1.20031	0.792266	1.14398	1.14398	0.507435	0.709851	-1.40875	1.40591	5.78257	3.56503	1
cg08135904	NOTCH4	0.320951	0.132426	0.479471	-2.08694	0.475514	0.718313	-1.39215	0.504238	0.734173	-1.36171	0.496115	0.745566	-1.34156	0.0594242	0.378583	-2.64241	0.341215	0.67095	-1.49055	0.0939284	0.19237	0.19237	0.19237	0.19237	0.19237	0.19237	0.19237	0.19237	1.40591	1.70523	0.443812	1
cg00168167	HS3ST1	0.320953	0.862696	1.03365	1.03365	0.50056	0.860593	1.0995	0.0155	1.29484	1.29484	0.213784	0.863242	-1.15805	0.0183266	0.157581	-5.96792	0.324503	1.25615	1.25615	0.525059	0.932906	1.01702	1.01702	0.942437	0.61632	-1.62232	0.45889	1.11856	0.707219	1
cg18605987	ZCCHC24	0.320955	0.600592	0.624253	-1.60191	0.0251487	0.0929706	-10.7561	0.0559175	0.144907	-6.90097	0.811293	0.807872	-1.23782	0.624502	0.644014	-1.55276	0.41273	0.473796	-2.11061	0.886972	0.880859	-1.13526	0.776089	0.776238	-1.28826	0.663973	1.47682	1.47682	1.40588	17.7153	11.2007	1
cg24403664	WHSC1L1	0.320959	0.0733136	1.54262	1.54262	0.0915271	1.04946	1.04946	0.26105	1.35126	1.35126	0.283515	1.88873	1.88873	0.153541	2.06674	-2.06674	0.0736131	0.0470351	-3.76534	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	1.40588	5.00616	3.16484	1
cg03379706	TRAP1	0.320964	0.919659	0.961802	-1.03971	0.0354041	1.57436	1.57436	0.840123	1.0811	1.0811	0.19722	1.69255	1.69255	0.935842	0.969399	-1.03157	0.144923	1.83006	1.83006	0.484891	0.76034	-1.3152	0.277238	1.54686	1.54686	0.289388	1.52886	1.52886	1.40586	3.31803	2.0979	1
cg25912238	NEGF;NEGF	0.320971	0.857062	1.04609	1.04609	0.15097	1.44528	1.44528	0.362876	1.25081	1.25081	0.459039	1.20596	1.20596	0.705305	0.913093	-1.09518	0.889027	0.96377	-1.03372	0.0245917	1.89551	1.89551	0.397448	0.812817	-1.23029	0.998	1.0006	1.0006	1.40584	1.57904	0.926187	1
cg09767602	OGDI3	0.320971	0.342634	0.764677	-1.30774	0.287671	1.35383	1.35383	0.0139	1.27985	1.27985	0.0864224	1.35557	1.35557	0.0139	1.27985	-1.27985	0.507764	0.831607	-1.20249	0.146733	0.636083	1.57286	0.0138424	2.99811	2.99811	0.0124239	0.349591	-2.86049	0.360615	0.602852	-1.65878	0.0540029	0.309665	0.2239	0.654171	6.47744	4.08213	1
cg13445177	S100A10	0.320975	0.264076	1.72056	1.72056	0.127475	2.15599	2.15599	0.64941	1.2378	1.2378	0.736674	1.17037	1.17037	0.0787298	2.4847	2.4847	0.100146	2.15713	2.15713	0.506632	1.62243	1.62243	0.274211	2.99122	2.99122	0.16624	1.6624	0.570399	1.30647	1.30647	1.40583	4.83802	3.05902	1
cg26476755	C11orf86	0.320985	0.156351	1.36163	1.36163	0.0499547	1.24215	1.24215	0.0139	1.27985	1.27985	0.0864224	1.35557	1.35557	0.0139	1.27985	-1.27985	0.459524	0.542792	-1.84233	0.0597	0.649012	1.54078	0.0138424	2.99811	2.99811	0.0124239	0.349591	-2.86049	0.360615	0.602852	-1.65878	0.0540029	0.309665	0.2239	0.654171	6.47744	4.08213	1
cg19985030	USH1G	0.320985	0.934238	0.971325	-1.02952	0.162921	1.6906	1.6906	0.895387	0.95468	-1.04747	0.325506	1.40333	1.40333	0.992307	0.996607	-1.0034	0.513044	1.26347	1.26347	0.208495	1.59591	1.59591	0.0459429	0.446429	-2.24	0.550893	1.23705	1.23705	1.4058	2.76718	1.74969	1
cg01473748	NPAS2 MYADM;MYADM;MYADM;MYADM;M	0.320986	0.475514	1.24176	1.24176	0.190506	1.51239	1.51239	0.354527	1.20569	1.20569	0.628037	0.864424	-1.15684	0.518306	1.21583	-1.21583	0.733563	1.10734	1.10734	0.07141	1.82365	1.82365	0.102043	1.03007	1.03007	0.287593	1.39025	1.39025	1.4058	1.9827	1.25367	1
cg18691133	YADM	0.320987	0.122868	0.53781	-1.85939	0.417456	0.735314	-1.35996	0.329254	0.688254	-1.45295	0.807787	0.913532	-1.09465	0.177966	0.58795	-1.70082	0.0181771	0.345038	-2.89823	0.447338	0.750243	-1.3329	0.786626	0.904027	-1.10592	0.78209	0.902235	-1.10836	1.40579	3.06524	1.93816	1
cg08708397	HLCS	0.320988	0.926451	1.03965	1.03965	0.758201	0.958901	1.04335	0.0155	1.29484	1.29484	0.213784	0.863242	-1.15805	0.0183266	0.157581	-5.96792	0.409063	1.31594	1.31594	0.0483489	0.737257	1.13593	0.548875	0.878792	-1.13793	0.0600895	0.636449	-1.57112	0.791342	0.945608	-1.05752	1.40579	1.03	0.638819	1
cg07941529	ABR;ABR;ABR	0.320997	0.336507	1.46552	1.46552	0.0431152	2.45355	2.45355	0.498296	1.30363	1.30363	0.077935	2.12874	2.12874	0.0863558	2.07663	2.07663	0.263229	1.56809	1.56809	0.298187	1.51578	1.51578	0.267966	1.56058	1.56058	0.528338	1.27941	1.27941	1.40577	3.31206	2.09427	1
cg16400344	PPME1;CZC01	0.321001	0.297882	1.5776	1.5776	0.0374131	1.52455	1.52455	0.0139	1.27985	1.27985	0.0864224	-1.45238	?	?	?	?	0.144017	0.403046	-2.4811	0.265981	0.511171	-1.95629	0.62817	0.753867	-1.32649	0.774926	1.18054	1.18054	1.40571	7.46202	4.71854	1
cg08565280	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.321017	0.418766	0.619824	-1.61336	0.115843	0.371762	-2.6899	0.0268984	0.219279	-4.56039	0.905737	0.933716	-1.07099	0.495588	0.669925	-1.4927	0.744017	0.403046	-2.4811	0.265981	0.511171	-1.95629	0.62817	0.753867	-1.32649	0.774926	1.18054	1.18054	1.40571	7.46202	4.71854	1
cg10628618	KCTD3	0.321022	0.61188	1.30835	1.30835	0.338368	3.67468	3.67468	0.376552	1.61065	1.61065	0.244938	1.89433	1.89433	0.860505	1.13758	1.13758	0.795315	1.14631	1.14631	0.311732	1.73273	1.73273	0.0426179	3.40791	3.40791	0.417309	1.54557	1.54557	1.4057	6.14239	3.88413	1
cg20926965	PRR13;PRR13;GNL1	0.321031	0.0151236	0.6435	0.6435	0.229234	1.09213	1.09213	0.445311	1.58844	1.58844	0.440825	1.64236	1.64236	0.0319483	1.71382	1.71382	0.482604	0.722467	-1.38455	0.184937	1.72182	1.72182	0.0195958	0.904551	1.03178	1.03178	0.54667	0.289602	0.183189	1
cg00509451	SAC3D1	0.321031	0.382651	0.555117	-1.8145	0.0789936	1.66187	1.66187	0.282516	2.10258	2.10258	0.889714	1.09673	1.09673	0.0735224	2.265057	2.77277	0.772142	0.824296	-1.21316	0.770262	1.21516	1.21516	0.396733	1.7748	1.7748	0.965998	0.972031	-1.02877	1.40567	2.85952	6.23476	1
cg12614984	SHROOM2 TRPT1;NUDT22;TRPT1;TRPT1;TRPT1;TR	0.321031	0.668209	0.803018	-1.2453	0.128521	2.30682	2.30682	0.790782	1.14486	1.14486	0.681638	1.23162	1.23162	0.291188	0.572766	-1.74591	0.699817	0.821092	-1.21789	0.141574	2.39448	2.39448	0.124316	2.2265	2.2265	0.155205	2.16822	2.16822	1.40567	5.76306	3.64432	1
cg01783353	PT1;NUDT22;TRPT1;NUDT22	0.321031	0.0599339	0.413487	-2.41845	0.583905	0.794733	-1.25828	0.416627	0.708331	-1.41177	0.783834	0.892056	-1.12101	0.455709	0.729363	-1.37106	0.102549	0.476127	-2.10028	0.278997	0.626536	-

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1347 vs. N)	Fold-Change(1 vs.1347)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(5 vs.1637)	F(Error)
cg18085660	LOC100130872;LOC100130872-SPON2	0.321288	0.294914	0.51101	-1.95691	0.28604	1.98333	1.98333	0.205018	2.28527	2.28527	0.593671	0.71689	-1.39491	0.111078	0.342031	-2.92371	0.750306	0.82092	-1.21814	0.0903218	0.315513	-3.16945	0.557437	0.6930919	-1.44296	0.645473	0.751029	-1.33151	1.40495	8.49878	5.37767	1
cg18011148	DEFB132	0.32129	0.601553	1.33726	1.33726	0.500834	0.685974	-1.45778	0.0756747	0.335985	-2.97633	0.702115	1.23612	1.23612	0.751093	0.839003	-1.19189	0.941957	1.04099	1.04099	0.143877	2.3778	2.3778	0.221249	0.491995	-2.03254	0.2182752	2.04119	2.04119	1.40494	6.77076	4.28378	1
cg18158256	LUC7L3;LUC7L	0.321291	0.259115	0.9	-1.11111	0.325495	0.913146	-1.09511	0.447166	1.07179	1.07179	0.366556	0.920337	-1.08656	0.531234	1.0584	1.0584	0.2444782	0.813409	-1.22939	0.127978	0.8630565	-1.15866	0.954671	0.9940621	-1.0051	0.380417	0.922639	-1.08385	0.40494	0.178203	0.0127247	1
cg18080560	NCK2;NCK2;NCK2	0.321302	0.942903	0.947845	-1.05502	0.0888441	4.06625	4.06625	0.032839	6.46753	6.46753	0.901194	0.911302	-1.09733	0.937221	0.943238	-1.06018	0.487286	0.589927	-1.69512	0.592165	0.6073693	-1.49837	0.353853	2.04076	2.04076	0.969944	0.972218	1.02858	1.40491	12.4426	7.87244	1
cg18082452	SCARB1;SCARB1	0.321421	0.574903	-1.78915	0.2253854	0.15348	-6.51551	0.0465691	0.200383	-4.99043	0.875491	0.985303	1.13696	1.13696	0.472966	0.597606	-1.67334	0.403784	0.547411	-1.82878	0.546476	0.650225	-1.53793	0.752901	0.8800315	-1.24951	0.9731928	0.975487	-1.02513	0.4049	11.0685	7.00161	1
cg18082587	FOXK2	0.321311	0.39439	1.20059	1.20059	0.176359	0.739911	-1.35151	0.311921	0.803143	-1.24511	0.673601	0.915045	-1.09284	0.570129	1.1278	1.1278	0.358986	1.21855	1.21855	0.0521584	1.58866	1.58866	0.845686	0.9599888	-1.04168	0.491247	0.863713	-1.15779	1.40488	0.977165	0.618265	1
cg18180066	ZNF787	0.321312	0.985674	0.997233	-1.00279	0.169494	1.07101	1.07101	0.0744815	1.36043	1.36043	0.973387	1.00518	1.00518	0.410556	1.19322	1.19322	0.601042	1.08515	1.08515	0.518321	1.10678	1.10678	0.15596	0.79048	-1.26505	0.0669916	1.37442	1.37442	1.40488	0.533826	0.33776	1
cg18082587	FOXK2	0.321313	0.337878	1.04165	1.04165	0.0927256	0.329629	1.02629	0.151923	0.23372	-2.75283	0.177267	0.31947	1.23612	0.714258	0.583836	1.7187	0.594212	0.754626	-1.32516	0.538294	1.38494	1.38494	0.733676	0.19579	1.19579	0.646818	0.785415	1.27321	1.40486	0.09935	3.85921	1
cg18082587	FOXK2	0.321322	0.221003	0.760878	-1.31427	0.3795	1.21106	1.21106	0.998563	0.999618	-1.00038	0.563377	1.13212	1.13212	0.278708	0.787227	-1.27028	0.508141	1.15327	1.15327	0.0326603	0.588027	-1.7006	0.816953	0.9519944	-1.05048	0.646325	1.10312	1.10312	1.40485	1.00387	0.635177	1
cg18082587	FOXK2	0.321335	0.0765761	1.40483	1.40483	0.0079901	1.15815	1.15815	0.166752	1.49993	1.49993	0.56628	1.43383	1.43383	0.336357	0.540041	1.85171	0.743401	1.35349	1.35349	1.22647	0.153793	1.58335	2.58335	0.2864147	1.96068	0.147877	2.62456	2.62456	1.40482	8.5948	5.43381	1
cg18403945	MADCAM1;MADCAM1	0.321336	0.181156	0.677923	-1.47509	0.171261	1.49013	1.49013	0.0754588	0.581655	-1.71923	0.733823	0.910781	-1.09756	0.335054	0.7617	-1.31285	0.618209	0.668918	-1.49495	0.633639	0.876803	-1.14075	0.225931	0.705975	-1.41648	0.40481	1.66807	1.05547	1
cg18635352	CD3C13	0.321337	0.337174	1.48911	1.48911	0.247023	0.878505	-1.1383	0.0744982	0.488517	-2.04701	0.730206	1.14861	1.14861	0.392755	0.680868	-1.46971	0.80092	1.15041	1.15041	0.519568	1.20887	1.20887	0.053981	0.38037	2.38037	0.539392	1.29234	1.29234	1.40481	3.56394	2.25507	1
cg18236605	TGFB1	0.321338	0.664505	0.930499	-1.07469	0.671371	1.07299	1.07299	0.903816	1.00016	1.00016	0.00261	0.882621	1.02469	1.02469	0.038889	1.48398	1.48398	1.48398	0.516739	1.80716	-1.11463	0.135262	0.767207	-1.30343	0.921582	0.9838877	-1.01639	0.217405	1.23889	1.23889	1.40481	0.606295	0.383632	1
cg18447044	PDE10A;PDE10A ARFRP1;ZOPA7;ZZPAT;ARFRP1;ARFRP1;	0.321339	0.847079	0.907111	-1.109	0.9005	1.06933	1.06933	0.282343	0.550201	-1.81749	0.108293	2.55702	2.55702	0.894114	1.07397	1.07397	0.43314	0.651396	-1.53516	0.501898	1.44083	1.44083	0.0638629	3.05335	3.05335	0.209773	2.03061	2.03061	1.40481	6.38916	4.04274	1
cg16246590	ZGPAT;ARFRP1	0.321343	0.219877	0.753438	-1.32725	0.67306	1.09761	1.09761	0.650799	1.10518	1.10518	0.272152	1.28512	1.28512	0.12985	0.69831	-1.43203	0.129229	0.697839	-1.43299	0.114514	0.6861241	-1.45747	0.92009	1.02227	1.02227	0.939951	0.983602	-1.01667	1.40479	1.07155	0.678026	1
cg16353877	APC5	0.321344	0.0649519	0.918913	-1.08791	0.907392	0.911997	-1.20516	0.160828	0.919182	-1.2132	0.374716	0.366276	-2.73818	0.241137	0.258557	-3.86762	0.208579	0.213192	-4.31179	0.0594838	0.2202814	-4.69128	0.0913518	-5.17839	0.0771669	0.114615	-8.72483	1.40479	27.0865	17.1075	1
cg18039202	RBM47	0.321348	0.485525	0.847284	-1.18024	0.590724	0.972296	-1.02779	0.164215	0.706755	-1.41492	0.633851	0.893859	-1.11874	0.523194	1.16335	1.16335	0.715761	0.918041	-1.08928	0.0272498	1.84225	1.84225	0.767667	1.07173	1.07173	0.604102	0.884488	-1.13011	1.40478	1.12653	0.769776	1
cg18224356	ANKRD36B	0.321351	0.712117	1.15717	1.15717	0.541427	1.27566	1.27566	0.0616209	0.436427	-2.29134	0.416118	1.38726	1.38726	0.952896	0.977003	-1.02354	0.1514458	0.545898	-1.83184	0.668058	0.843749	-1.18519	0.830178	1.08827	1.08827	0.0977486	0.488948	-2.04521	1.40477	3.45102	2.18369	1
cg18427854	ARHGEF10	0.321354	0.413264	1.2842	1.2842	0.424948	0.74375	-1.2592	0.870422	0.954529	-1.04764	0.693183	0.888178	-1.12545	0.55493	1.80251	1.80251	0.677427	0.88241	-1.13326	0.0318349	2.4324	2.4324	0.454	1.00325	1.00325	0.554796	1.1956	1.1956	1.40477	1.98967	1.25899	1
cg18120558	LOC645638	0.321364	0.199887	0.367237	-2.72304	0.126448	0.289021	-3.45996	0.166446	0.335748	-2.97843	0.058015	0.204945	-4.87936	0.0848969	0.261755	-3.82037	0.338797	0.482221	-2.07374	0.173262	0.342357	-2.92093	0.816994	0.842382	-1.18731	0.308835	0.459605	-2.17578	1.40473	12.1737	7.70331	1
cg17619367	HEBP1	0.321368	0.505089	0.824304	-1.21314	0.213376	1.46016	1.46016	0.351406	0.758007	-1.31925	0.33098	0.768427	-1.30114	0.0330396	0.682025	-2.05463	0.560562	0.843651	-1.18532	0.70766	1.11497	1.11497	0.515968	1.20751	1.20751	0.563511	0.844753	-1.18378	1.40472	1.0966	0.737425	1
cg18442419	SLC45A1	0.321369	0.338361	0.512076	-1.95283	0.519019	0.641899	-1.55788	0.32573	0.502515	-1.98999	0.529911	0.649518	-1.5396	0.0980642	0.292113	3.42333	0.340537	0.513714	-1.94661	0.0163484	0.136622	-7.31949	0.425051	0.5755551	-1.73746	0.635443	0.72335	-1.38246	1.40472	10.2313	6.47423	1
cg18152708	MRPL39	0.321376	0.292331	0.731191	-1.36763	0.448766	1.24759	1.24759	0.415238	0.787698	-1.26952	0.990168	1.00354	1.00354	0.0323355	0.490053	-2.04059	0.566698	1.18052	1.18052	0.386171	1.28991	1.28991	0.428435	0.79321	-1.2607	0.302924	0.736534	-1.35771	1.4047	1.82697	1.1561	1
cg18440084	LOC553113	0.321377	0.813301	1.15243	1.15243	0.887817	1.08706	1.08706	0.490656	1.51301	1.51301	0.130203	1.26323	1.26323	0.775856	1.31839	1.31839	?	?	?	?	1.84593	1.84593	0.0907099	0.7325402	-1.37855	0.0764919	1.30778	1.30778	1.40469	6.91294	4.92456	1
cg19153946	RPS14;RPS14;RPS14	0.321383	0.0788237	0.679192	-1.47234	0.390206	1.19067	1.19067	0.274567	1.25273	1.25273	0.371941	1.19925	1.19925	0.434245	0.853727	-1.17134	0.091761	1.4468	1.4468	0.774172	1.05868	1.05868	0.812927	0.9540098	-1.04811	0.967866	1.00802	1.00802	1.40468	0.873988	0.553064	1
cg14792740	ANKRD12;RGS9BP	0.321389	0.857331	1.03958	1.03958	0.232084	1.2748	1.2748	0.0943929	1.70388	1.70388	0.482853	1.56133	1.56133	0.378833	1.53725	1.53725	0.756627	1.09347	1.09347	0.0693551	1.31179	1.31179	0.27096	0.9155147	-1.09355	0.7534584	1.07096	1.07096	1.40467	1.03564	0.655266	1
cg09841915	GMDS	0.32139	0.674153	0.890752	-1.12287	0.207081	0.694455	-1.43998	0.0218918	0.467934	-2.13705	0.948133	0.982329	-1.01799	0.855954	1.38094	1.38094	0.911747	0.9385	-1.06525	0.8568	0.951997	-1.05042	0.429857	0.801485	-1.24712	1.40466	1.67083	1.05732	1
cg03915268	TAF12;TAF12	0.321394	0.658618	0.909749	-1.0992	0.450384	1.17775	1.17775	0.452851	1.17666	1.17666	0.74238	0.932238	-1.07269	0.506303	1.15425	1.15425	0.81254	0.950718	-1.05184	0.022051	0.55761	-1.79337	0.418758	1.18294	1.18294	0.473469	1.16777	1.16777	1.40465	1.00671	0.637062	1
cg08719869	PTPRD;PTPRD	0.321395	0.9520887	1.00844	1.00844	0.888233	1.0891	1.0891	0.108117	1.40546	1.40546	0.769399	0.94452	1.07154	0.828241	1.08983	1.08983	0.630029	0.910067	-1.0982	0.0424727	0.256726	-1.573	0.629607	1.09885	1.09885	0.250071	1.26286	1.26286	1.40465	0.838078	0.530732	1
cg10240440	PTN1	0.321394	0.386913	0.784265	-1.27508	0.726007	0.908099	-1.1012	0.22757	1.4149	1.4149	0.857511	1.05048	1.05048	0.630436	1.14182	1.14182	0.041819	0.525819	-1.90179	0.191202	1.46108	1.46108	0.727239	1.1007	1.1007	0.535754	1.18746	1.18746	1.40465	1.67013	1.05689	1
cg15295332	SLC48A1	0.32197	0.535753	1.48654	1.48654	0.512001	0.153122	0.403334	0.455258	0.185544	-2.69349	0.992206	0.951458	1.02852	0.7	1.42857	1.42857	0.219118	1.188686	1.1988	0.0788744	0.824848	-1.20703	0.829223	1.53691	1.53691	0.0466726	1.71844	1.71844	1.40464	6.83772	4.53915	1
cg25100722	LOC286488	0.321401	0.238738	0.402974	-2.48155	0.0469564	0.1873	-5.33903	0.513737	0.613974	-1.62873	0.769023	0.80501	-1.24222	0.168605	0.33941	-2.94629	0.195565	0.364851	-2.74084	0.0990067	0.26389	-3.78946	0.106091	0.2725156	-3.66951	0.603863	0.680069	-1.47044	1.40463	12.0699	7.6382	1
cg11320150	APLP1;APLP1	0.321402	0.230692	2.28739	2.28739	0.0301853	0.59359	1.35099	0.143382	3.09572	3.09572	0.68665	1.30586	1.30586	0.203778	2.41727	2.41727	0.173294	2.59469	2.59469	0.18739	2.50793	2.50793	0.62304	1.38545	1.38545	0.646934	1.35455	1.35455	1.40463	9.6331	6.09611	1
cg04395462	FNBP1L;FNBP1L;FNBP1L	0.321404	0.339042	1.12092	1.12092	0.0915506	0.586508	1.07578	0.231708	0.700118	-1.42833	0.809459	1.03286	1.03286	0.882362	1.07227	1.07227	0.26263	1.54188	1.54188	0.0429868	0.977053	-1.02146	0.770017	1.08652	1.08652	0.184674	1.79964	1.79964	1.40462	1.13716	0.715	1
cg20017464	MIR6126;MIR6126;MIR6126;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg02020642	FES;FES;FES;FES	0.321782	0.0738508	-1.58219	0.785091	0.826009	0.25708	1.25708	0.922266	0.904372	1.10374	0.761887	1.37138	1.37138	0.082158	0.113064	-7.5152									0.743601	1.40548	0.406408	0.307032	0.333227	3.00096	0.449447	0.448072	-2.23179	0.21455	3.88796	1.40356	24.0074	15.2042	1
cg02101693	PLOD1	0.321782	0.658388	1.06087	1.06087	0.36074	1.13289	1.13289	0.107788	0.792121	-1.26243	0.399274	1.12142	1.12142	0.469044	0.906811	-1.10277									0.0670494	1.31335	1.31335	0.41556	0.895382	-1.11684	0.611442	0.93423	-1.0704	0.755964	1.04227	1.40356	0.3919901	0.248252	1
cg27485334	SPNS3	0.321784	0.145356	0.752052	-1.32969	0.739272	0.940947	-1.06276	0.625228	0.914195	-1.09386	0.0926464	0.713749	-1.40105	0.0245906	0.613918	-1.62888									0.483376	0.878263	-1.13861	0.304906	0.823974	-1.21563	0.287213	0.817599	-1.22309	0.398338	0.854203	-1.17068	1.40355	0.738241	0.467538	1
cg14935343	CCND3;CCND3;CCND3;CCND3	0.321786	0.978671	1.00486	1.00486	0.462091	1.14541	1.14541	0.372846	1.18047	1.18047	0.174381	1.760494	-1.29955	0.344016	1.193934	1.193934									0.820817	1.042	1.042	0.121793	0.737731	-1.35551	0.993401	1.00148	1.001148	0.088473	1.40613	1.40613	0.33055	0.7311	0.463017	1
cg09033857	SUPT4H1	0.32179	0.62302	1.54161	1.64161	0.848456	1.21093	1.21093	0.279071	0.08287	3.08287	0.299904	0.92922	2.92922	0.149102	0.30621	2.30621									0.421256	0.439577	-2.27491	0.603586	0.592105	-1.68889	0.032104	0.08114	-12.3242	0.863063	1.18096	1.18096	0.140554	22.2477	14.0899	1
cg05342655	CHST15	0.321793	0.603145	1.2617	1.2617	0.0325549	1.0307	1.0307	0.750385	1.15195	1.15195	0.664662	1.21325	1.21325	0.221259	0.565606	-1.76802									0.289387	1.62806	1.62806	0.26825	0.66708	1.66708	0.949826	0.9724055	-1.02828	0.474865	0.724646	-1.37998	1.40353	0.46366	2.76526	1
cg16404364	COX19	0.321802	0.0721085	0.44976	-2.22341	0.596875	0.808587	-1.23672	0.42599	1.38206	1.38206	0.613306	1.22489	1.22489	0.0530569	0.416857	-2.3989									0.303388	0.654205	-1.52857	0.806224	0.906804	-1.10277	0.889816	1.05673	1.05673	0.293129	0.647841	-1.54359	1.4035	3.52204	2.23063	1
cg16994506	CCND2	0.321803	0.154369	0.807296	-1.23904	0.646887	0.70156	-1.39051	0.926863	0.987187	-1.01298	0.99581	0.999249	-1.00075	0.138449	0.794383	-1.25884									0.69767	1.05803	1.05803	0.725018	0.950153	-1.05235	0.78451	0.93171	-1.0404	0.0916496	0.764645	-1.3078	1.4035	0.464029	0.293886	1
cg13339757	COL12A1;COL12A1	0.321807	0.119461	0.48798	-2.04926	0.936794	0.966879	-1.03426	0.662673	0.638012	-1.56737	0.492327	0.746372	-1.34468	0.729916	0.540121	-1.85144									0.76126	0.878609	-1.13816	0.0718986	0.553902	-1.873	0.134742	0.66246	-1.50907	0.14349	0.60914	0.553915	1
cg26187166	RAB22A;RAB22A;PPP4R1L	0.321817	0.802663	1.03589	1.03589	0.559126	0.857033	-1.16682	0.91199	0.971536	-1.0293	0.509941	0.839819	-1.19073	0.0149114	0.45751	-2.18574									0.700475	1.10622	1.10622	0.591155	0.867947	-1.15214	0.375801	1.26793	1.26793	0.700336	1.10628	1.10628	0.140346	1.51619	0.960285	1
cg15368455	GDNF;GDNF;GDNF;GDNF	0.321819	0.328236	1.3833	1.3833	0.674207	1.84201	1.84201	0.0001157	1.43177	1.43177	0.721995	1.27433	1.27433	0.127143	1.33546										0.0683596	1.39765	1.39765	0.0134754	1.53212	2.25041	0.614373	1.41189	1.41189	1.40346	10.2345	6.4821	1
cg06559756	PITPNC1;PITPNC1	0.321822	0.664187	0.850861	-1.17528	0.0635348	2.16269	2.16269	0.75822	1.12225	1.12225	0.44489	0.749796	-1.3337	0.701059	0.867084	-1.15329									0.938701	1.02885	1.02885	0.187828	0.596877	-1.67539	0.105222	1.92419	1.92419	0.634746	0.837826	-1.19357	1.40345	0.338664	1.92456	1
cg17894162	C1orf175;C1orf175	0.321823	0.0443056	0.124016	-8.06353	0.164934	0.2621	-3.81534	0.160229	0.256212	-3.87279	0.213924	0.754411	-1.32585	0.0902792	0.185507	-5.39064									0.132918	0.406007	-2.46301	0.220712	0.312895	-3.19596	0.38881	0.370195	-2.70128	0.217947	0.310492	-3.22069	1.40344	18.1028	11.4657	1
cg04560741	LOC388796;SNORA71A;LOC388796	0.321838	0.253754	0.481376	-2.07738	0.339592	1.829	1.829	0.764052	1.20281	1.20281	0.16769	1.773322	-1.29312	0.104568	0.336792	-2.96919									0.120278	0.361161	-2.76885	0.164128	0.402247	-2.48603	0.290984	0.510588	-1.95853	0.175121	0.412888	-2.42196	1.4034	8.36368	5.29741	1
cg27436603	DFNA5;DFNA5;DFNA5	0.321841	0.223761	0.47432	-2.10828	0.2498403	2.07135	2.07135	0.4097777	1.63511	1.63511	0.470548	1.53475	1.53475	0.0624026	0.294098	-3.40023									0.430812	0.62548	-1.59877	0.793876	0.859607	-1.16332	0.232542	0.481637	-2.07625	0.556584	0.706807	-1.41481	1.40339	7.56901	4.7941	1
cg02139205	ZSCAN20	0.321842	0.7960593	1.18313	1.18313	0.109213	1.32725	1.32725	0.116564	0.852725	-1.16825	0.176864	0.852725	-1.17276	0.0530997	0.733007	-1.36402	0.0533807	0.855201	1.15251	0.2151251	0.378788	2.64	0.070187	0.457745	0.792666	1.226015	1.22605	0.143636	1.33024	0.425574	1.40339	0.370225	0.59499	1
cg23005196	NFU1;NFU1;NFU1;NFU1	0.321844	0.198557	0.38052	-2.63052	0.595846	1.61587	1.61587	0.166979	0.266924	-3.74639	0.313033	2.54846	2.54846	0.173439	3.66358	3.66358									0.408119	2.13511	2.13511	0.392628	0.456078	-2.19261	0.234808	0.327467	-3.05374	0.634235	0.650716	-1.53677	1.40338	9.78626	11.314	1
cg04436755	LDLI;1	0.321848	0.983348	0.985822	-1.01438	0.0106076	0.110294	-9.01375	0.447428	0.588753	-1.69851	0.760018	0.810867	-1.2332	0.52246	0.641792	-1.55814									0.230156	0.422623	-2.36617	0.509788	0.632879	-1.58008	0.421159	0.569911	-1.7546	0.0184913	0.650471	-1.53735	1.40337	10.4042	6.58993	1
cg01445596	SGTA	0.321854	0.876285	1.12802	1.12802	0.328569	0.932986	-1.07183	0.0816786	0.22476	-4.44919	0.550698	0.5953	1.91598	0.2380151	0.223011	2.25011									0.895776	1.10671	1.10671	0.2211551	0.378788	-2.64	0.0770187	0.45745	0.792666	1.226015	1.22605	0.143636	1.33024	0.425574		
cg04072987	PABPC1	0.321856	0.987939	1.00214	1.00214	0.122795	0.789173	-1.26715	0.788362	1.03884	1.03884	0.504319	0.908511	-1.1007	0.440681	1.11778	1.11778									0.162595	0.809694	-1.23503	0.0421134	0.737777	-1.35919	0.270799	0.850137	-1.17628	0.619907	0.931647	-1.07337	1.40335	0.445669	0.282302	1
cg25073725	ADH5	0.321864	0.662301	1.39044	1.39044	0.719029	1.19805	1.19805	0.129499	0.657498	-1.52092	0.422718	1.86405	1.86405	0.0148385	1.84037	1.84037									0.794081	1.822042	1.822042	0.0148385	0.740459	-1.35074	0.406061	0.788093	-1.38038	0.695469	0.744745	-1.34274	1.40333	12.4736	7.90098	1
cg17383178	CSorf54	0.321868	0.250438	0.285766	-3.49936	0.443903	2.29548	2.29548	0.142049	1.58801	1.58801	0.158627	1.27585	1.27585	0.149478	0.199499	-5.01255									0.772235	1.738815	1.738815	-1.33352	0.133822	0.185179	-5.4002	0.897685	1.1436	1.1436	0.242047	0.278846	-3.58621	1.40332	24.1775	15.3145	1
cg13528777	PHF1;PHF1;PHF1	0.321887	0.557958	1.18438	1.18438	0.308586	0.992399	1.00766	0.702956	1.05375	1.05375	0.0568027	0.74484	-1.34257	0.313177	0.882244	-1.13356									0.994902	1.015617	1.015617	0.242	0.28608	2.86608	0.0148385	0.740459	1.35074	0.406061	0.788093	1.38038	0.695469	0.744745	1.34274	1.40331	0.141941	1.82711	1
cg21253375	MAP7D2;MAP7D2;MAP7D2;MAP7D2	0.321873	0.305331	0.64248	-1.55647	0.508882	0.756303	-1.32222	0.196891	0.566283	-1.7659	0.203953	0.571407	-1.75007	0.312163	0.646756	-1.54618									0.344745	1.666556	-1.50025	0.821103	1.099	1.099	0.580208	-1.26219	1.26219	0.0270398	0.335848	-2.97754	1.4033	3.8612	2.44578	1
cg16286776	EIF2C2;EIF2C2	0.321874	0.412304	1.31898	1.31898	0.911262	0.963848	-1.03751	0.665932	1.15427	1.15427	0.703465	1.13464	1.13464	0.6898	1.14169	1.14169									0.445983	1.29251	1.29251	0.0165815	0.380412	-2.62873	0.797662	0.918647	-1.08856	0.593484	0.836979	-1.19477	1.4033	2.42451	1.53575	1
cg22824998	PNMAL1;PNMAL1	0.321882	0.147407	0.183843	-5.43933	0.306093	0.75141	-1.33083	0.401873	2.35691	2.35691	0.0568027	0.74484	-1.34257	0.313177	0.882244	-1.13356									0.878481	1.06047	1.06047	0.0148384	0.028525	3.5124	0.0148385	0.740459	1.35074	0.406061	0.788093	1.38038	0.695469	0.744745	1.34274	1.40329	0.157855	0.999012	1
cg01783051	FH	0.321889	0.186728	1.38971	1.38971	0.279338	1.30694	1.30694	0.0954483	0.954487	-1.04768	0.198006	0.726211	-1.37701	0.171514	1.40818	1.40818									0.277987	1.30378	1.30378	0.0769801	1.58789	1.58789	0.484029	1.18203	1.18203	0.542469	1.15601	1.15601	1.40326	1.22877	0.778364	1
cg20918786	EIF5E	0.321894	0.573634	0.905277	-1.10453	0.0301424	1.19334	1.19334	0.832384	0.963676	-1.0376	0.791875	0.963676	-1.0376	0.791875	0.963676	-1.0376									0.927494	1.094194	1.094194	0.0769801	1.58789	1.58789	0.484029	1.18203	1.18203	0.542469	1.15601	1.15601	1.40326	1.22877	0.778364	1
cg26268564	MLLT1	0.321896	0.750382	1.05651	1.05651	0.106214	0.737956	-1.3551	0.344484	1.1826	1.1826	0.464543	1.1368	1.1368	0.542965	0.899371	-1.11189									0.987235	1.097248	1.097248	0.0604703	0.67221	-1.48763	0.905707	0.979796	1.02062	1.40324	0.659314	0.417646	1
cg26417152	AS85	0.321898	0.520356	1.15166	1.15166	0.484962	0.857451	-1.16625	0.697025	0.918703	-1.08849	0.881442	1.03287	1.03287	0.112186	0.687412	-1.45473									0.123033	0.696224	-1.43632	0.135127	1.41774	1.41774	0.977557	1.00612	1.00612	0.198547	0.744936	-1.3424	1.40323	1.04377	0.661186	1
cg06944021	SOLH	0.321898	0.9180361	1.00903	1.00903	0.132796	1.16339	1.16339	0.14413	0.82752	-1.20852	0.551325	1.74927	1.74927	0.0161285	1.84479	1.84479									0.87871	1.022042	1.022042	0.0148384	0.028525	3.5124	0.0148385	0.740459	1.35074	0.406061	0.788093	1.38038	0.695469	0.744745	1.34274	1.40319	0.160583	1.65677	1.4023	19.1282	12.1169	1
cg14672921	GLB1L2	0.321899	0.143251	0.754743	-1.32495	0.0716021	0.69778	-1.43312	0.54027	0.895028	-1.11728	0.783026	1.05062	1.05062	0.68425	0.8806011	-1.13559									0.156874	1.31106	1.31106	0.193608	0.781884	-1.27896	0.443694	0.869629	-1.14992	0.909629	0.781884	-1.27896	0.443694	0.869629	-1.14992	0.909629	1.4032	0.984709	0.612054	0.134021	1
cg26503177	RAB11FIP3;RAB11FP3	0.321901	0.154451	0.67902	-1.47303	0.0596455	0.999776	0.00386	0.614145	0.756543	-1.3234	0.48397	0.756543	-1.3234	0.48397	0.756543	-1.3234									0.039979	0.744041	0.744041	-1.34407	0.0705641	0.146089	0.0148385	0.740459	1.35074	0.406061	0.788093	1.38038	0.695469	0.744745	1.34274	1.40319	0.847117	1.07183	1
cg24570541	CLEC2L	0.321913	0.395117	1.30296	1.30296	0.0586078	1.91394	1.91394	0.698475	0.888445	-1.12556	0.593131	1.17796	1.17796	0.64035	1.15371	1.15371									0.627472	1.865917	-1.16021	0.0866362	0.562662	-1.77727	0.934446	0.975313	-1.02531	0.302685	1.38323	1.38323	1.4032	2.05188	1.29982	1
cg00937286	LOC286094	0.321913	0.191329	1.42419	1.42419	0.563559	1.16096	1.16096	0.391712	1.25144	1.25144	0.11887	1.54136	1.54136	0.554354	1.01828	1.01828									0.95702	1.01387	1.01387	0.0237798	1.99308	1.99308	0.94076	1.2794	1.2794	0.73698	0.91745	-1.08998	1.40319	1.45189	0.919735	1
cg22024695	GOLPH3	0.321921	0.2594221	0.614493	-1.62683	0.0932399	0.992399	1.00766	0.702956	1.05375	1.05375	0.0568027	0.74484	-1.34257	0.313177	0.882244	-1.13356									0.669691	1.00903	1.00903	0.1839399	0.380295	-2.63157	0.0148385	0.740459	1.35074	0.406061	0.788093	1.38038	0.695469	0.744745	1.34274	1.40319	0.426571	0.838909	1
cg23630420	MAPKAPK2;MAPKAPK2	0.321923	0.686562	1.08279	1.08279	0.161815	1.34034	1.34034	0.227447	1.28203	1.28203	0.805242	0.952714	-1.04963	0.913846	1.02145	1.02145									0.652866	0.848292	-1.17884	0.753514	0.899538	-1.11168	0.353618	1.3858	1.3858	0.574869	0.823874	-1.21378	1.40296	2.5969	1.64534	1
cg11969493	PHAC7B3	0.321928	0.814349	0.896121	-1.11593	0.774086	0.874554	-1.14344	0.90092	1.05973	1.05973	0.165398	1.99195	1.99195	0.0770447	0.400918	-2.49428									0.588935	1.12861	1.12861	0.681698	1.19909	1.19909	0.0770447	0.400918	-2.49428	0.0770447	0.400918	-2.49428	1.4032	1.45192	0.942955	0.842013	0.65396	1
cg13609319	KNDC1	0.321934	0.46413	0.690118	-1.44903	0.300164	1.7065	1.7065	0.539746	1.3621	1.3621	0.918861	0.85203	-1.17348	0.0207248	0.372242	-2.68643									0.947342	0.967657	-1.03342	0.0133143	0.334966	-2.98538	0.795188	0.878544	-1.13825	0.389913	0.644966	-1.55047	1.40294	5.10553	3.48826	1
cg10178203	CMBL	0.321934	0.476001	0.753641	-1.32689	0.454736	1.34601	1.34601	0.942465	0.972225	-1.02857	0.20881	1.67706	1.67706	0.269135	0.638192	-1.56693									0.665503	1.185	1.185	0.3001861	0.658744	-1.51804	0.102578	0.498035	-2.00789	0.120569	0.518375	-1.9291	1.40291	0.38378	2.14398	1
cg02007107	CACNG6;CACNG6;CACNG6	0.321937	0.7380768	1.05277	1.05277	0.104619	0.969812	-1.03113	0.663997	0.910621	-1.09841	0.847207	0.907531	-1.10218	0.0238623	0.440918	-2.26798									0.838935	1.02861	1.02861	0.281966	0.598188	-1.67193	0.0770447	0.400918	-2.49428	0.0770447	0.400918	-2.49428	1.4032	1.45192	0.942955	0.842013	0.653396	1
cg09080331	CCDC104;CCDC104	0.321939	0.931881	0.975355	-1.02527	0.767547	1.09037	1.09037	0.805594	0.930554	-1.07463	0.401505	1.28484	1.28484	0.967762	0.988273	-1.01187									0.820527	1.06858	1.06858	0.0142541	0.413814	-2.41655	0.440909	0.795015	-1.25784	0.410052	0.781995	-1.27878	1.4029	1.893	1.19942	1
cg18728751	MED13;L	0.321939	0.0573075	0.605768	-1.6508	0.34568	0.797408	-1.25406	0.829883	1.05143	1.05143	0.661439	0.902377	-1.10818	0.699088	0.913434	-1.09477									0.594313	0.882234	-1.1335	0.0671713	0.619879	-1.61322	0.648894	0.616784	-1.62131	0.452699	0.836668	-1.19522	1.40289	1.20733	0.764976	1
cg04290747	FBXO44;FBXO44;FBXO44;FBXO2;FBXO44 4	0.322037	0.246518	0.768668	-1.30095	0.2528	1.29605	1.29605	0.700002	1.08769	1.08769	0.825077	0.953077	-1.04923	0.197079	0.743743	-1.34455									0.257758	1.29226	1.29226	0.277947	1.27755	1.27755	0.113185	0.687791	-1.45393	0.767999	1.06033	1.06033	1.40284	1.04722	0.663552	1
cg23336231	CHMP2A;UBE2H;CHMP2A	0.322038	0.215404	0.74945	-1.33427	0.0594197	1.812839	1.812839	0.0102466	2.26246	2.26246	0.0226	1.52912	1.52912	0.0170702	1.97613	1.97613									0.104617	1.3706	1.3706	0.1704354	1.52212	1.60129	0.100708	1.61655	1.65655	0.796001	1.10382	1.10382	1.40284	3.9418	2.65879	1
cg09062047	CCT2	0.322041	0.561799	1.28313	1.28313	0.562648	0.779777	-1.28242	0.146446	0.515582	-1.93956	0.321578	1.54528	1.54528	0.403712	1.43783	1.43783									0.353295	1.50064	1.50064	0.100785	0.465859	-2.14657	0.259404	1.64875	1.64875	0.565724	1.27986	1.27986	1.40284	4.01282	2.54267	1
cg16241932	EPHC14;ZDHHC14	0.322047	0.876436	1.02814	1.02814	0.210934	1.65004	1.65004	0.60446	0.870107	1.15368	0.50888	0.794883	1.39358	0.0966	0.687634	-1.4561									0.622992	0.915957	1.09183	0.0798423	0.710742	-1.40733	0.0798423	0.710742	-1.40733	0.0798423	0.710742	-1.40733	1.4028	0.998073	-1.00982	0.338736	1.53182	1.40281	0.36005	0.224433	1
cg09088046	EGLN1;EGLN1	0.322051	0.257956	1.18811	1.18811	0.0355348	1.42952	1.42952	0.304328	1.16805	1.16805	0.945252	1.01008	1.01008	0.10114	1.29969	1.29969									0.532512	1.09671	1.09671	0.781	0.960122	-1.04153	0.972319	0.0051	1.0051	1.042303	1.259	1.259	1.4028	0.473605	0.300158	1
cg02155754	C1orf57	0.322052	0.243348	0.83479	-1.19791	0.559745	1.09116	1.09116	0.275996	1.18249	1.18249	0.307502	0.85534	-1.16913	0.957588	0.992164	-1.0079									0.31809	0.858434	-1.16491	0.030737	0.687037	-1.45553	0.775192	0.95853	-1.04326	0.903137	0.982152	-1.01817	1.4028	0.48612	0.308031	1
cg05323785	FOXG1	0.322053	0.973783	1.01482	1.01482	0.0777353	1.31369	1.31369	0.0847307	0.938429	-1.06561	0.0564028	1.03071	1.03071	0.0564028	0.877	-1.14054									0.358333	1.08261	1.08261	0.0681698	1.14192	1.14192	0.0681698	1.14192	1.14192	0.0681698	1.14192	1.14192	1.4028	0.662983	0.56012	1
cg17726978	TLE2 MSH5;MSH5;MSH5;MSH5;MSH5;MSH5	0.322063	0.914059	1.02891	1.02891	0.102008	1.60392	1.60392	0.807015	0.937439	-1.06674	0.134595	0.653959	-1.52915	0.0970871	1.61718	1.61718									0.578169	0.862192	-1.15983	0.79773	0.934454	-1.07014	0.39494	1.25859	1.25859	0.385395	1.26479	1.26479	1.40277	1.54807	0.980958	1
cg21485120	;MSH5;MSH5	0.322083	0.560136	1.05115	1.05115	0.422286	1.07177	1.07177	0.794581	0.97815	-1.02234	0.164393	0.88196	-1.13384	0.996821	1.00034	1.00034									0.0379891	1.22591	1.22591	0.886614	0.987993	-1.01215	0.321199	0.916883	-1.09065	0.413943	1.07327	1.07327	1.40271	0.915082	0.10092	1
cg21724044	LOC286002;SLC3G4	0.322087	0.124667	1.79613	1.79613	0.667126	0.858695	-1.16456	0.269275	0.666937	-1.49939	0.824181	1.08149	1.08149	0.816456	1.0851	1.0851									0.95127	1.02175	1.02175	0.490022	0.75306	-1.32781	0.141825	0.573436	-1.74387	0.104677	1.86712	1.86712	0.4027	2.75382	1.74509	1
cg15537082	MIR124-1;LOC157627	0.322089	0.623862	1.17494	1.17494	0.382614	0.939318	-1.06427	0.764096	0.668127	-1.49622	0.744771	1.28729	1.28729	0.500014	0.776237	-1.28872									0.479631	1.64258	1.64258	-1.5497	0.0150448	1.51143	1.51143	0.0148812	1.78827	1.78827	0.654018	0.703118	1.42424	1.4027	0.826326	0.51304	1
cg05512505	MAP2K7	0.322093	0.460983	1.31381	1.31381	0.459799	0.757668	-1.31584	0.935123	1.03047	1.03047	0.364176	0.724832	-1.37963	0.0170936	0.342367	-2.92084									0.721075	0.876174	-1.14133	0.928116	1.03383	1.03383	0.407156	1.36706	1.36706	0.66187	0.850214	-1.17617	1.40269	3.02052	1.91412	1
cg20590027	RMST	0.322094	0.763431	1.08298	1.08298	0.217924	0.687306	-1.45496	0.606609	0.600713	-1.6649	0.731255	0.867354	-1.1852	0.0247757	0.432283	-2.47202									0.357596	1.76876	1.1808	0.753164	1.0954	1.0954	0.747563	1.08239	1.08239	0.0731553	1.14892	1.14892	1.4269	0.8355	0.17888	1
cg21593941	TNPO2;TNPO2	0.322109	0.184736	0.828642	-1.20679	0.689863	0.105506	0.55506	0.366759	1.1319	1.1319	0.184429	1.20697	1.20697	0.582022	0.9775	1.0775									0.40885	1.11949	1.11949	0.830089	0.971694	-1.02953	0.0614862	0.754661	-1.3251	0.637104	1.06555	1.06555	1.40264	3.19663	0.251359	1
cg02215234	TMEM583;TMEM55B	0.322112	0.295056	0.793884	-1.25976	0.52464	1.4711	1.4711	0.0116829	1.86057	1.86057	0.267288	1.06521	1.06521	0.879588	1.0328	1.0328									0.684748	1.09077	1.09077	0.1251096	1.24147	1.24147	0.803988	1.05436	1.05436	0.6379471	0.915357	-1.09247	1.40264	0.190655	0.637881	1
cg02726729	MET;MET	0.322112	0.357291	0.794662	-1.25875	0.124179	0.667228	-1.49874	0.352791	1.792648	-1.26159	0.275953	1.759242	1.6171	0.333981	1.27403	1.27403									0.870015	1.04061	1.04061	0.0770766	1.61246	1.61246	0.945526	0.98383	-1.01644	0.704278	0.911487	-1.09711	1.40263	1.31217	0.831558	1
cg01674470	TMEM123	0.322117	0.383995	0.856887	-1.16702	0.949616	0.980156	-1.01099	0.264251	0.807126	-1.23899	0.416249	0.866144	-1.15454	0.166129	0.77453	-1.29111									0.074173	1.41675	1.41675	0.266754	0.814425	0.731265	0.0851261	0.806509	-1.23991

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg06607658	DIO2;C2	0.322355	0.362722	1.24574	0.124574	1.102503	0.657259	-1.52147	0.804983	1.05983	1.05983	0.508609	1.17059	1.717852	1.03897	1.03897	0.742171	1.08097	1.08097	1.082819	1.0975	1.0975	0.747446	0.92692	-1.07884	0.970795	1.08864	1.08864	1.40195	1.22501	0.776202	1
cg08142918	FOXF1	0.322355	0.065999	4.67669	0.46723	0.068522	0.217596	-4.59567	0.803782	0.830118	-1.20465	0.985243	1.01393	1.013398	0.668788	0.724787	1.37972	0.518823	0.613136	-1.63096	0.203358	0.366332	-2.72077	0.955937	1.04219	1.042019	0.789796	1.22119	1.122119	0.140195	2.42102	7.87486	1
cg13357708	MGC26597	0.322356	0.344431	0.855398	-1.16905	0.99671	0.999339	-1.00066	0.451353	0.884199	-1.13097	0.613228	0.921504	-1.08518	0.107428	0.754426	-1.32551	0.104538	0.75234	-1.32919	0.769304	1.0483	1.0483	0.911079	0.982242	-1.01808	0.0334927	0.671389	-1.48945	1.40195	0.571135	0.362121	1
cg21887111	MTMR6	0.322358	0.69468	1.120217	1.12021	0.266179	1.3957	1.3957	0.347998	1.32055	1.32055	0.0150434	1.32055	2.363	0.814714	1.060888	1.060888	0.564008	0.845504	-1.18273	0.355842	1.33429	1.33429	0.842813	0.94447	-1.0588	0.6145483	1.15732	1.157324	1.40194	1.8386	1.16575	1
cg14286439	A4GALT	0.322374	0.0308768	0.350435	-2.8536	0.495187	1.33177	1.33177	0.999453	0.999716	-1.00028	0.684043	1.18442	1.081422	0.950129	0.753982	-1.32629	0.208573	0.577875	-1.73048	0.9545	1.02388	1.02388	0.847759	1.08275	1.08275	0.235893	1.67169	1.671692	0.4019	3.79947	2.4091	1
cg14505161	GSC1	0.322375	0.771159	1.06263	1.06263	0.895828	1.02766	1.02766	0.850245	0.963994	-1.04016	0.144508	1.38609	1.386091	0.708583	1.08135	1.08135	0.994733	1.00138	1.00138	0.890063	0.587748	-1.70141	0.340259	1.22718	1.22718	0.462559	1.16856	1.168561	0.4019	0.963354	0.610826	1
cg13426351	FREQ	0.322386	0.712826	1.23742	1.23742	0.143398	2.47462	2.47462	0.0793892	3.07138	3.07138	0.312204	1.82655	1.82655	0.15033	0.411285	-2.4314	0.344078	1.75351	1.75351	0.878291	1.09232	1.09232	0.439619	0.634953	-1.57492	0.713487	1.23678	1.23678	0.40186	7.3726	4.67479	1
cg06441271	TMC8;TMC6	0.322393	0.462924	0.72917	-1.3852	0.178808	2.095588	2.095588	0.0499	0.647891	-1.54347	0.635756	1.23105	1.23105	0.10046	0.456589	-2.19015	0.405579	1.28059	1.28059	0.846016	1.05814	1.05814	0.864124	1.05104	1.05104	0.122992	1.62527	1.625272	0.4018	1.87551	1.18927	1
cg17653411	FBLN7;FBLN7	0.322395	0.460305	1.2007	1.2007	0.8706	1.16116	1.06116	0.217737	1.37094	1.37094	0.167974	0.60775	-1.64541	0.929702	1.08135	1.08135	0.719849	1.41596	1.41596	0.191336	1.40018	1.40018	0.697872	0.909449	-1.09957	0.699703	0.910005	-1.09889	1.40184	1.13439	0.833438	1
cg04722620	CDC42EP5	0.322396	0.385399	0.785542	-1.27301	0.514419	1.19642	1.19642	0.749344	0.916721	-1.09084	0.827895	0.942652	-1.06084	0.311705	1.32829	1.32829	0.11604	1.58935	1.58935	0.0487619	0.543084	-1.84134	0.686216	0.895684	-1.11647	0.814663	1.06577	1.06577	1.40184	1.63158	1.03584	1
cg27251926	PIGA;PIGA	0.322397	0.213084	1.5393	1.5393	0.85417	0.995627	-1.0027	0.792753	0.953775	1.04846	0.719178	1.1853	1.1853	0.0994502	3.2044	3.2044	0.349656	0.635538	-1.57377	0.162005	0.604502	-1.65426	0.751005	0.860805	-1.1617	0.894796	1.00308	1.003083	1.40183	4.92168	2.11079	1
cg25435800	LEP	0.3224	0.372004	1.53521	1.53521	0.962547	0.78278	-1.0222	0.2159	0.543833	-1.8388	0.22626	1.68558	1.68558	0.100618	0.431231	-2.31894	0.561212	0.759747	-1.31623	0.284174	1.68261	1.68261	0.182859	1.93685	1.93685	0.701954	1.97011	1.97011	0.14183	4.85622	3.0793	1
cg07328115	PYGB	0.322401	0.799819	0.930799	-1.07435	0.933348	1.02083	1.02083	0.213345	1.42283	1.42283	0.446012	1.24512	1.24512	0.823827	0.93982	-1.06534	0.122104	0.620342	-1.60501	0.485469	2.12144	2.12144	0.278629	1.37427	1.37427	0.0544552	1.83962	1.839622	1.40182	1.76381	1.12128	1
cg07786995	NOS1;NOS1AP;NOS1AP	0.322402	0.272621	1.353777	-2.82664	0.0428096	0.119836	-8.34475	0.0994743	0.193365	-5.17145	0.600081	0.617914	-1.61835	0.233501	0.320882	-3.11641	0.261284	0.344354	-2.90399	0.641601	0.237337	-4.21343	0.146874	0.242497	-4.12377	0.768301	0.764273	-1.30843	1.40182	18.3851	11.6579	1
cg23931381	ARRDC2;ARRDC2	0.322404	0.10598	2.83111	2.83111	0.443985	0.636191	-1.57186	0.509323	0.679048	-1.47265	0.871306	1.09822	1.09822	0.879164	1.09189	1.09189	0.319395	1.81766	1.81766	0.0605085	1.47719	1.47719	0.221907	2.11169	2.11169	0.267172	1.95842	1.95842	1.44027	7.45522	4.02597	1
cg04683177	C20orf95	0.322405	0.0981343	1.31979	1.31979	0.1370372	1.77831	1.77831	0.125296	2.88203	2.88203	0.681547	1.768661	1.768661	1.301413	1.528856	1.528856	1.50236	1.50236	1.50236	0.0228	1.59957	1.59957	0.153792	1.64908	1.64908	0.122396	2.09161	2.091161	1.40181	0.9652	2.73006	1
cg08256939	ADORA3	0.322406	0.384993	0.576271	-1.73529	0.226	-0.455313	-2.19629	0.835205	1.13759	1.13759	0.437906	0.612831	-1.63177	0.0275885	0.199458	-5.01359	0.892368	0.919636	-1.08739	0.0715147	0.287824	-3.47435	0.341668	0.545355	-1.83367	0.615369	0.730891	-1.36819	1.40181	8.50208	5.39118	1
cg12256550	CREBL1	0.322411	0.463102	0.804866	-1.24254	0.210907	0.681374	-1.46687	0.329623	1.33586	1.33586	0.68749	1.12472	1.12472	0.685324	0.5753	-1.73822	0.405579	1.28059	1.28059	0.846016	1.05814	1.05814	0.864124	1.05104	1.05104	0.122992	1.62527	1.625272	0.4018	1.87551	1.18927	1
cg10245228	MYEF1	0.322412	0.562754	1.899717	-1.11146	0.341945	0.837722	-1.19371	0.819407	0.964037	-1.03731	0.675281	1.02877	1.028771	0.880852	1.03811	1.03811	0.791483	1.28369	1.28369	0.0313394	0.633751	-1.57791	0.890952	1.02508	1.02508	0.381635	1.17502	1.175022	1.40185	0.904085	0.459149	1
cg02176069	PYGM;PYGM	0.322417	0.246435	0.443447	-2.25506	0.904079	0.922302	-1.08424	0.443167	1.6897	1.6897	0.337436	0.515061	-1.94152	0.0922634	0.288456	-3.46673	0.239625	0.437746	-2.28443	0.123492	0.326491	-3.06288	0.129904	0.333676	-2.99692	0.177742	0.382556	-2.614	1.40178	9.99269	6.33651	1
cg14202946	CBR4	0.322423	0.463502	0.879911	-1.13699	0.673567	1.51572	1.51572	0.0935655	1.50017	1.50017	0.136366	0.983543	-1.01682	0.926552	0.23953	-4.17511	0.469613	0.830708	-1.20408	0.192343	1.41805	1.41805	0.30154	1.33119	1.33119	0.380573	1.25566	1.25566	1.40176	1.42238	0.901964	1
cg19222712	C2orf73	0.322424	0.957447	0.99162	-1.00845	0.219527	1.25285	1.22585	0.735585	0.947945	-1.05491	0.463812	1.1248	1.1248	0.815686	0.963843	-1.03751	0.184787	0.801048	-1.24836	0.779102	1.04535	1.04535	0.0706047	1.3753	1.3753	0.109597	1.31669	1.31669	1.40176	0.55224	0.350188	1
cg09354580	BANP;BANP	0.322425	0.931537	0.970152	-1.03095	0.63937	1.09355	1.09355	0.0716665	1.46027	1.46027	0.0888382	1.3461	1.3461	0.297108	1.240227	1.240227	0.877285	0.947527	-1.05538	0.722199	1.84388	1.84388	0.0964064	0.957543	-1.04434	0.779464	1.10485	1.104851	1.40175	0.72757	1.72789	1
cg15798088	HEXIM1	0.322425	0.649107	-1.86269	-1.15917	0.392828	1.3261	1.3261	0.407903	1.31383	1.31383	0.0607054	0.505709	-1.97742	0.352878	1.36101	1.36101	0.851487	0.941359	-1.06229	0.158632	0.615172	-1.62556	0.282318	1.43365	1.43365	0.843915	1.06562	1.06562	1.40176	2.30802	1.46357	1
cg23948730	PAFAH1B1	0.322426	0.159078	1.16142	1.16142	0.3994334	1.08955	1.08955	0.806181	0.975855	-1.02474	0.512681	1.08284	1.08284	0.921554	0.990254	-1.00984	0.579718	0.9459	-1.05719	0.965476	0.995706	-1.00431	0.0884302	1.2055	1.2055	0.0882154	1.829404	-1.20568	1.40175	0.219471	0.139172	1
cg25242815	ARX	0.322428	0.0881726	1.43911	1.43911	0.0609363	0.43237	-1.16042	0.605911	1.42095	1.42095	0.147197	2.36782	2.36782	1.449511	1.42095	1.42095	0.369627	1.08364	-1.2812	0.462554	1.59057	1.59057	0.153792	1.64908	1.64908	0.122396	2.09161	2.091161	1.40181	0.9652	2.73006	1
cg15384108	C21orf121	0.322439	0.668118	0.772416	-1.29464	0.0234672	0.197799	-5.05564	0.184897	0.430898	-2.32074	0.854309	0.51634	1.11634	1.11634	0.360354	0.569487	-1.75597	0.194258	0.439476	-2.27543	0.355402	0.551701	-1.81258	0.195375	0.440459	-2.27036	0.963581	1.02771	1.02771	0.0274	7.958	5.04652	1
cg17174275	ATP1GA	0.322441	0.627827	0.797404	-1.25397	0.212321	1.18821	1.18821	0.884864	0.945788	-1.04505	0.627118	0.997026	1.002826	1.00418	0.997026	-1.00297	0.363047	0.804419	-1.2431	0.0669352	0.398844	-2.55856	0.107295	0.373557	-2.67851	0.172721	1.17221	1.172211	1.40167	0.47663	0.312045	1
cg01942646	NR0B2	0.322455	0.0930034	0.318103	-3.14363	0.0429883	0.707128	-1.41417	0.53514	0.677559	-1.47589	0.705753	0.703941	-1.42057	0.122958	0.354958	-2.81723	0.379931	0.572221	-1.74758	0.0835246	0.305076	-3.27787	0.0451192	0.240563	-4.15692	0.47603	0.638159	-1.56701	1.40167	8.52738	5.40775	1
cg16619557	WDR5;WDR5 FBXO8;KIAA1712;KIAA1712;KIAA1712-F	0.322456	0.119717	0.450208	-2.22119	0.842159	0.910056	-1.09883	0.417519	0.675939	-1.47942	0.267767	1.72584	1.72584	0.470504	0.706777	-1.41487	0.223317	0.546161	-1.83096	0.0527746	0.353208	-2.8312	0.655367	1.23659	1.23659	0.881751	1.0729	1.0729	1.40167	4.96067	3.14589	1
cg07640645	BXDB	0.322459	0.314625	1.3695	1.3695	0.426491	1.2783	1.2783	0.216106	0.674601	-1.48236	0.610745	0.85622	-1.16792	0.680432	0.88220	-1.13341	0.227063	0.681482	-1.46739	0.820746	0.933674	-1.07104	0.376425	1.31584	1.31584	0.0627996	1.88332	1.883324	1.40166	2.02987	1.28728	1
cg12753158	EPN81	0.322463	0.164382	1.080496	1.08049	0.3780503	0.99597	-1.00402	0.943529	0.93826	-1.06753	0.137439	1.24943	1.08654	0.373829	0.915053	1.08297	1.382047	1.382047	1.382047	0.0194564	1.38924	1.38924	0.115655	1.85403	1.85403	0.0957543	1.31664	1.316641	1.40165	15.7955	10.0171	1
cg05237970	LOC644538	0.322463	0.235959	0.48909	-2.04461	0.117799	0.376011	-2.6595	0.811606	1.14741	1.14741	0.690713	0.794282	-1.259	0.177992	0.438558	2.2802	0.0894867	0.340207	-2.93939	0.631319	1.32106	1.32106	0.257608	1.97454	1.97454	0.894858	1.07912	1.07912	1.40165	7.36202	4.6688	1
cg26712080	WNT5A	0.322464	0.959518	0.988952	-1.01117	0.934667	0.970277	-1.03063	0.936769	1.02963	1.02963	0.364829	0.709853	-1.40874	0.85119	1.07156	1.07156	0.819275	0.955753	-1.81094	0.117768	0.610307	1.08217	0.0840458	1.27953	1.27953	0.0197254	1.10485	1.104851	1.40164	3.0098	1.90684	1
cg04605843	LPCAT1	0.322469	0.763344	1.1415	1.1415	0.5625	1.29156	1.29156	0.279235	1.12666	1.12666	0.506674	1.3435	1.3435	0.0288649	1.59328	1.59328	-1.31529	0.137854	0.494439	2.02445	0.597352	1.98527	0.0553838	0.597352	-1.6744	0.779464	1.10485	1.104851	1.40165	0.42615	2.70425	1
cg23238483	LRIN1	0.322471	0.175978	0.427719	-2.33798	0.423211	1.62225	1.62225	0.18944	2.27161	2.27161	0.765617	1.20152	1.20152	0.0617559	0.288848	3.46202	0.96884	1.02333	1.02333	0.469093	1.54461	1.54461	0.356474	1.75037	1.75037	0.843923	0.890163	-1.12339	1.40163	7.73444	4.90504	1
cg14276593	PTGR1;PTGR1;PTGR1	0.322477	0.913753	1.03183	1.03183	0.0200441	1.47558	1.47558	-1.18915	0.598914	1.34038	1.34038	0.0647423	1.34038	1.34038	0.0647423	1.34038	0.955884	1.14014	1.14014	0.0647423	1.34038	1.34038	0.0647423	1.34038	1.34038	0.0647423	1.34038	1.340378	1.40163	0.052064	0.107291	0.783183	2.27684	1.40163	0.0973	2.78183	2.78183
cg17223645	DIP2C	0.322477	0.194568	0.65121	-1.65256	0.503477	0.775673	-1.28605	0.0393844	0.413497	-2.41839	0.44099	1.33797	1.33797	0.0990824	0.511113	1.95645	0.145641	0.754985	-1.32453	0.352762	0.701659	-1.42519	0.821642	1.08727	1.08727	0.473773	1.74666	1.746666	1.40161	1.04784	1.19202	1
cg07924653	LDB2;LDB2	0.322479	0.722963	1.11668	1.11668	0.528978	0.820569	-1.21867	0.744846	0.903707	-1.10655	0.171969	0.637109	-1.56959	0.0709813	1.86906	1.86906	0.611171	1.1723	1.1723	0.248266	1.45387	1.45387	0.880127	1.0479	1.0479	0.123878	1.67644	1.676644	1.4016	2.1134	1.35337	1
cg04732190	CDK5;CDK5	0.322479	0.8701953	1.0455	1.0455	0.7586	1.13654	1.13654	-1.0323	0.9569	-1.04154	0.31203	1.54163	1.54163	0.0409184	1.34038	1.34038	0.955884	1.14014	1.14014	0.0647423	1.34038	1.34038	0.0647423	1.34038	1.34038	0.0647423	1.34038	1.340378	1.40163	0.052064	0.107291	0.783183	2.27684	1.40163	0.0973	2.78183	2.78183
cg25830065	FGF14	0.3248	0.473113	1.28427	1.28427	0.321723	0.70398	-1.42049	0.280542	0.680727	-1.46902	0.723864	1.12933	1.12933	0.582367	1.20977	1.20977	0.380347	1.36162	1.36162	0.0708396	1.99784	1.99784	0.0974141	1.86571	1.86571	0.451834	1.3006	1.3006	1.4016	2.60968	1.65505	1
cg09440298	KCNQ1	0.322479	0.651672	1.09004	1.09004	0.5863	0.956324	-1.06538	0.620443	1.14941	1.14941	0.0990118	1.40295	1.40295	0.347197	1.23696	1.23696	0.369627	1.08364	-1.2812	0.462554	1.59057	1.59057	0.153792	1.64908	1.64908	0.122396	2.09161	2.091161	1.40161	0.9652	2.73006	1
cg26192872	SYNE1;SYNE1	0.322482	0.801281	0.962317	-1.03916	0.74573	0.951651	-1.0508	0.0894189	0.751841	-1.33007	0.219995	1.21704	1.21704	0.113246	0.769118	-1.30019	0.463566	0.892587	-1.12034	0.794129	0.960952	-1.04063	0.542513	0.91038	-1.09844	0.0846978	0.747955	-1.33698	1.4016	0.514933	0.326569	1
cg20662134	MAML2	0.322483	0.41429	0.964607	-1.03673	-0.44633	0.143614	1.91944	1.91944	0.414784	1.44945	1.44945	0.498425	1.44945	1.44945	0.498425	1.44945	0.610284	0.796684	1.2552	0.0189496	0.74652	0.957526	1.04331	0.0958152	1.04331	0.0958152	1.04331	1.043312	1.40161	0.10901	0.140259	0.434058	2.73281	1
cg28801746	KCNQ3;KCNQ1;KCNQ1	0.322489	0.695245	1.16064	1.16064	0.408297	2.44321	2.44321	0.801563	1.09997	1.09997	0.401263	1.38414	1.38414	0.130858	1.32566	1.32566	0.515655	1.28641	1.28641	0.0415597	2.43305	2.43305	0.325125	1.61904	1.61904	0.157447	1.68077	1.680771	1.40157	1.87807	2.01556	1
cg23446945	NKRF	0.322493	0.105064	0.191159	-5.23126	0.903016	0.89236	-1.12062	0.534406	1.79985	1.79985	0.0653685	0.90655	0.90655	0.658593	0.660055	-1.51503	0.145274	0.231975	-4.31081	0.934117	0.925667	-1.0803	0.740862	1.3635	1.3635	0.751909	1.34485	1.34485	1.40156	19.374	12.2872	1
cg32498	THSD4	0.322494	0.279402	1.28564	1.28564	0.3586	1.40882	1.40882	0.735751	1.20434	-1.28185	0.852661	0.872591	-1.14596	0.0819376	1.62926	1.62926	0.644574	0.771447	-1.29662	0.181325	0.355317	-2.81439	0.0916417	0.355317	-2.81439	0.0916417	0.355317	1.355352	1.40156	0.417266	0.296051	0.465115	7.91179	5.56487	1
cg18356159	PLIN3;PLIN3;PLIN3	0.322513	0.0335454	7.18834	7.18834	0.956009	0.957127	-1.04479	0.387646	2.02054	2.02054	0.836665	1.17819	1.17819	0.078139	4.73368	4.73368	0.658015	1.42457	1.42457	0.86474	0.87334	-1.14503	0.119667	3.82376	3.82376	0.758775	1.27721	1.277221	1.40146	14.0053	8.88299	1
cg03576121	PTDSS2	0.322515	0.0689309	1.09	1.09	0.518766	1.18638	1.18638	0.0748819	0.595541	-1.67915	0.559098	0.856935	-1.16839	0.401428	0.79901	-1.25155	0.688395	1.11107	1.11107	0.9555	0.795833	-1.25655	0.678542	1.11504	1.11504	0.888685	0.964071	-1.03727	1.40139	1.54021	0.96099	1
cg02757696	DYNLRB1	0.322517	0.91023	0.982242	-1.01808	0.433883	1.53526	1.53526	0.0127151	1.98582	1.98582	0.0098552	1.40145	1.40145	0.480518	1.12067	1.12067	0.801192	0.960709	-1.0409	1.0409	2.12996	2.12996	0.0211455	1.74757	-1.39908	0.423698	1.13861	1.13861	1.40134	1.33151	1.40139	0.560158	0.355304	1
cg11051055	XRN1	0.322561	0.180767	1.39621	1.39621	0.880792	0.965369	-1.03587	0.267681	1.33151	1.33151	0.955893	1.01307	1.01307	0.280172	0.769143	-1.30015	0.31317	1.26552	1.26552	0.00335	0.913176	-1.09508	0.751363	0.928064	-1.07751	0.053769	0.5979	-1.67252	1.40137	1.32426	0.776543	1
cg23131812	BDH1	0.322563	0.024704	1.63778	1.63778	0.15785	0.615524	1.26403	0.0402	1.54012	1.54012	0.0871261	0.803703	1.1392	0.0183581	1.24797	1.24797	1.191349	0.63154	1.58325	0.0496545	0.846545	1.18193	1.18193	0.0496545	-1.46351	0.0293227	0.888383	-1.1288	1.40158	1.15666	0.82623	1
cg03556393	HOXC10	0.322564	0.430444	0.60285	-1.65879	0.605868	0.720854	-1.38724	0.541005	0.677624	-1.47575	0.507765	1.52586	1.52586	0.0291946	0.198684	-5.03313	?	?	?	0.567961	0.695604	-1.4376	0.226872	0.450285	-2.22081	?	?	?	1.39865	0.81351	5.56741	1
cg00507632	DCAF12L2	0.322566	0.906398	0.924875	-1.08123	0.357462	0.533486	-1.87446	0.6864	0.763774	-1.30929	0.0856354	0.283261	-3.53031	0.0378021	0.177915	-5.62063	0.525071	1.53357	1.53357	0.417705	0.576959	-1.73322	0.797804	1.22797	1.22797	0.602786	0.705687	-1.41706	1.40136	0.978145	0.620568	1
cg06549777	PPP1CC;PPP1CC	0.322574	0.115015	2.72585	2.72585	0.455306	0.640846	-1.56044	0.342324	1.77267	1.77267	0.741281	1.21393	1.21393	0.345525	0.566388	-1.76557	?	?	?	0.296108	1.88501	1.88501	0.139145	2.5566	2.5566	0.586951	1.37847	1.37847	1.40133	6.74991	4.82023	1
cg04250867	RPUSD4;RPUSD4;FAM118B	0.322575	0.795596	1.1971	1.1971	0.167873	0.361117	-2.76919	0.495878	0.6193	-1.61473	0.29978	2.34668	2.34668	0.131576	3.08956	3.08956	0.326465	2.01788	2.01788	0.132318	0.324481	-3.08185	0.949245	0.956845	-1.0451	0.700964	1.30655	1.30655	1.40134	10.6581	6.76057	1
cg12548227	USP42	0.322578	0.462343	1.19438	1.38	0.2867301	0.4759	-1.77547	0.779547	0.913031	-1.10441	0.911492	1.14945	1.14945	0.0532611	0.593202	1.4572	0.577879	0.785225	-1.27344	0.411286	0.696551	-1.43575	0.9376	0.696857	-1.43428	0.511071	1.13235	1.132352	1.40132	0.41287	0.60888	1
cg05216029	NECAP2;NECAP2;NECAP2	0.322578	0.478083	0.72384	-1.38152	0.44155	0.703529	-1.42141	0.329016	0.636724	-1.57054	0.307139	1.50962	1.50962	0.614523	0.15553	1.25553	0.56088	1.30146	1.30146	0.0499465	2.72325	2.72325	0.25943	1.69415	1.69415	0.357336	0.654305	-1.52834	1.40132	4.45633	2.82675	1
cg07196571	SNX22	0.322581	0.808203	1.07198	1.07198	0.2855	0.943223	1.2885	0.0111	1.29182	1.29182	0.0127268	1.44553	1.44553	0.0892748	1.51312	1.51312	0.854165	1.15803	1.15803	0.0294573	1.90946	1.90946	0.0377777	1.95345	1.95345	0.0228328	1.58076	1.580756	1.40131	0.70365	0.45332	1
cg23405575	SLC6A1	0.322581	0.906517	1.0525	1.0525	0.772888	1.13432	1.13432	0.0819202	2.31542	2.31542	0.268884	0.617755	-1.61876	0.595431	0.791826	1.2629	0.168772	0.528002	-1.89393	0.242034	1.7046	1.7046	0.197684	1.80952	1.80952	0.945056	0.970427	-1.03047	1.4013	4.2102	2.67067	1
cg13643339	TGFB3;TGFB3	0.322595	0.211354	0.43663	-2.29027	0.615943	0.26579	-3.76237	0.0676182	0.275683	-3.62736	0.199848	0.42642	-2.34511	0.0821453	0.297589	-3.36034	0.314643	0.519761	-1.92396	0.637685	0.752243	-1.32936	0.580555	0.703812	-1.42083	1.40128	8.78963	5.57562	1
cg23785940	CYR61	0.3246	0.0703118	2.49493	2.49493	0.2694507	0.95805	-1.04313	0.719476	0.977271	1.02771	0.776178	1.02182	1.02182	0.0770303	0.900027	-1.11107	0.517766	0.995102	-1.00489	0.974617	0.721352	-1.38629	0.206079	0.865039	-1.15602	0.804175	0.973318	-1.02741	1.40126	0.262994	0.16683	1
cg02946846	SNX29	0.322622	0.108299	0.355778	-2.81074	0.123497	0.373753	-2.67557	0.0334795	0.230962	-4.32972	0.960582	1.02958	1.02958	0.198991	0.449051	-2.22692	0.618853	0.743906	-1.34426	0.459962	0.641602	-1.5586	0.883616	0.917221	-1.09025	0.941674	1.04411	1.044111	1.4012

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1111T 057 vs. N)	Fold-Change(1111T vs. N)	p-value(1127 117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 21 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 537 vs. N)	Fold-Change(5377 vs. N)	p-value(5 37T vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg02179112	6-Mar		0.322889		0.405235	1.09999	1.09999	1.634871	1.055	1.055	0.207469	0.861771	-1.1604	0.6552202	1.27458	1.27458	0.672952	1.04866	1.04866		0.302281	1.12704	1.12704	0.0850117	1.23756	1.23756	0.53784	1.05216	0.152616	0.417369	1.09719	1.09719	1.40046	0.2778166	0.176334	1
cg07628086	AP2B1;AP2B1		0.322898		0.196195	0.670649	-1.49109	0.492072	0.815485	-1.22626	0.461665	0.803278	-1.2449	0.803601	0.92975	-1.07556	0.329388	0.745093	-1.34211		0.21624	0.683585	-1.46288	0.265296	0.40404	1.40404	0.323752	0.742362	-1.34705	0.100443	1.69223	1.69223	1.40443	1.89528	1.20298	1
cg13383058	CD248		0.322915		0.192757	0.428026	-2.33631	0.0437208	0.239986	-4.1669	0.0900113	0.316547	-3.15909	0.141768	0.378142	-2.64451	0.227349	0.458336	-2.1818		0.764601	0.831216	-1.20306	0.197669	0.432472	-2.31229	0.837662	0.88136	-1.13461	0.467905	0.634656	-1.57566	1.40038	8.40467	5.33484	1
cg08672021	FLNA;FLNA /// CXorf58;CXorf58;APOO;CXorf5		0.8818254		0.240971	-4.14989	0.145805	0.31587	-3.16586	0.34411	0.487152	-2.05275	0.201416	0.70637	2.70637	0.680979	0.737057	-1.35675		0.0959007	0.258069	-3.86147	0.861337	0.789955	-1.13772	0.831991	0.854493	-1.16974	0.952288	0.956803	-1.04515	1.40337	12.0785	7.66582	1
cg11016745	B4PQO		0.322924		0.193277	0.223125	-4.47999	0.970718	1.04079	1.04079	0.918381	1.11813	1.11813	0.0965533	7.29646	7.29646	0.866	7.86076	7.86076		0.2079	0.235408	-4.24794	0.833204	0.794758	-1.25825	0.824358	1.27397	1.27397	0.749925	1.41671	1.41671	1.40336	26.3166	16.7047	1
cg12286194	TRIB1		0.322929		0.391954	0.715989	-1.39667	0.133708	0.540232	-1.85174	0.450469	0.746096	-1.34031	0.392882	1.39571	1.39571	0.820466	1.09045	1.09045		0.232258	1.61155	1.61155	0.724694	1.14419	1.14419	0.563957	0.800761	-1.24881	0.0621695	0.449407	-2.22515	1.40335	3.21808	2.04272	1
cg26359964	GRAMD1B		0.322931		0.398538	1.55983	1.55983	0.651705	1.26329	1.26329	0.0715504	2.81503	2.81503	0.0499571	1.35779	1.35779	0.686541	0.811665	-1.23204		0.925575	1.04923	1.04923	0.598837	0.726702	-1.37608	0.784904	1.1511	1.1511	0.154815	2.18847	2.18847	1.40034	5.86733	3.72439	1
cg21341807	RAB14		0.322943		0.362519	1.36504	1.36504	0.439547	0.45409	-2.20221	0.759554	0.60746	1.10746	0.141099	0.590798	-1.69263	0.279944	0.688094	-1.45329		0.778002	1.09853	1.09853	0.605035	0.840744	-1.18942	0.752142	1.11109	1.11109	0.544636	1.2262	1.2262	1.4033	2.45181	1.55637	1
cg03101481	PER1		0.322946		0.724618	1.14934	1.14934	0.0731706	0.455527	-2.19526	0.465997	1.33901	1.33901	?	?	?	0.519552	0.773639	-1.29259		0.495953	0.761826	-1.31264	0.082634	0.469359	-2.13057	0.168095	0.563105	-1.78252	0.607087	0.815375	-1.22643	1.39926	3.05015	2.17983	1
cg26874611	ODZ2		0.322955		0.0371723	2.220299	2.220299	-4.59005	0.0986821	2.413373	2.413373	2.071004	2.402072	2.48712	2.48712	2.021727	2.066372	2.15066	2.150669		0.430666	1.604848	1.604848	1.623204	1.651705	1.398861	1.907414	2.041509	-2.436	1.40027	8.664777	5.50037	1
cg23355517	PDE3A		0.322956		0.198068	0.829004	-1.20627	0.0664226	0.122614	1.32814	1.32814	0.396551	1.12715	0.8311663	1.02987	1.0298	0.2384	1.18558	1.18558		0.807007	1.034032	1.034032	0.210646	0.833739	-1.19942	0.936566	1.01103	1.01103	0.348848	1.14232	1.14232	1.40227	0.4214601	0.267543	1
cg07373764	SMOC2;SMOC2		0.322958		0.190951	0.375415	-2.66372	0.112419	0.294418	-3.39453	0.916175	1.07733	1.07733	0.572699	0.668127	-1.49672	0.164955	0.559622	-1.78507		0.13704	0.322007	-3.10552	0.105779	0.384098	-2.60417	0.427706	0.563881	-1.77342	0.40026	11.3213	7.04712	1
cg27380599	PRKG1;PRKG1 /// TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1;TSNAX-DISC1		0.322964		0.705436	0.899256	-1.11203	0.382556	1.28454	1.28454	0.15054	1.53861	1.53861	0.832198	0.294398	-3.39614	-1.06113	0.186232	1.47973		0.433569	0.799754	-1.25038	0.139992	0.641451	-1.55896	0.691907	1.11781	1.11781	0.145032	1.54904	1.54904	1.40025	1.73404	1.10079	1
cg12889694	DISC1;TSNAX-DISC1;TSNAX-DIS		0.322964		0.799252	1.08568	1.08568	0.169568	0.623742	-1.60323	0.618854	1.1756	1.1756	0.305998	0.710416	-1.40762	0.0637816	0.510579	-1.95856		0.680469	1.14292	1.14292	0.130448	1.63966	1.63966	0.838711	1.06795	1.06795	0.892759	0.957421	-1.04447	1.40025	2.30779	1.46501	1
cg12232150	SCN5A;SCN5A;SCN5A		0.322965		0.805334	1.60525	1.60525	0.373781	1.21998	1.21998	0.2285969	1.31905	1.31905	0.916952	1.01766	1.01766	0.894429	-1.16356		0.582693	0.886165	-1.12846	0.0516962	1.6201	1.6201	0.177306	1.36653	1.36653	0.123315	1.43843	1.43843	1.40024	1.05185	0.667725	1
cg26521560	MIR548F5;DLC1		0.322965		0.85799	1.394235	-1.39524	0.843308	1.06808	1.06808	0.245794	1.66766	-1.49777	0.238793	1.66235	-1.50771	0.189634	1.58782	1.58782		0.325859	1.40158	1.40158	0.10707	1.79579	1.79579	0.209864	1.5524	1.5524	0.678042	0.870286	-1.14905	1.40024	2.45818	1.55927	1
cg22942751	OBSCN;OBSCN		0.322968		0.403718	0.840561	-1.18968	0.0940661	1.45383	1.45383	0.332278	1.22546	1.22546	0.74405	1.06886	1.06886	0.117654	0.707923	-1.41258		0.35911	1.21128	1.21128	0.218928	1.3006	1.3006	0.771981	0.942647	-1.06084	0.694565	0.922914	-1.08352	1.40024	0.916335	0.581702	1
cg08690290	LRP1		0.322968		0.361215	1.47062	1.47062	0.136014	2.0255	2.0255	0.0127284	2.56238	2.56238	0.162318	1.33277	1.33277	0.0785205	1.44287	1.44287		0.0740838	3.00113	3.00113	0.0873455	2.83518	2.83518	0.0911739	2.79327	2.79327	0.432868	1.55565	1.55565	1.40024	6.76018	4.29145	1
cg18970800	RPL13AP3		0.322968		0.790721	0.956252	-1.04575	0.950942	0.989705	-1.0104	0.59384	0.913445	-1.09476	0.794133	1.04497	1.04497	0.0375717	0.666459	-1.50047		0.361873	1.17074	1.17074	0.638741	0.923551	-1.08278	0.40223	0.627345	0.938248	1	1.40024	0.276753	1.46393	0.627345	0.938248	1
cg10517007	EXOC4;EXOC4		0.322969		0.018474	2.705655	2.705655	-1.09637	0.703388	2.896025	0.0164	3.15604	3.15604	0.0894734	2.01549	2.01549	0.144164	1.72717	1.72717		0.559106	1.287204	1.287204	0.150496	1.36503	1.36503	0.267004	1.35402	1.35402	0.0779354	1.40024	0.447873	1.46393	0.447873	0.682484	1
cg26543989	HDAC5;HDAC5		0.322973		0.745512	0.851667	-1.17417	0.0145049	0.414418	0.414418	0.241805	1.82946	1.82946	0.332079	1.63777	1.63777	0.839531	0.904874	-1.10513		0.889665	1.07083	1.07083	0.914629	1.05429	1.05429	0.335818	1.63118	1.63118	0.723635	1.19129	1.19129	1.40022	5.39037	3.42191	1
cg16267491	LOC258680;H2AFZ		0.322973		0.267982	1.4768	1.4768	0.159583	1.66169	1.66169	0.161169	1.66169	1.66169	0.751559	1.11329	1.11329	0.699356	1.14011	1.14011	0.389322	0.742237	-1.34728		0.0353169	2.28021	2.28021	0.639126	1.71269	1.71269	0.170403	1.73905	1.73905	0.752141	-1.32954	1.40022	2.53192	1.60731	1		
cg05837172	EL44;EL44 /// DBND2;DBND2;SYS1-DBND2;DBND2;DBND2;DBND2;DBND2;D		0.322976		0.674984	1.06736	1.06736	0.68844	0.939594	-1.06429	0.502219	0.900081	-1.11101	0.845371	1.03064	1.03064	0.0472413	1.42041	1.42041		0.116461	1.30171	1.30171	0.332072	1.16705	1.16705	0.652578	1.07256	1.07256	0.109607	1.30949	1.30949	1.40021	0.529906	0.336397	1
cg27530628	BND2		0.32298		0.216819	2.45454	2.45454	0.221792	2.42862	2.42862	0.458853	1.684	1.684	0.225548	2.40954	2.40954	0.111103	3.31793	3.31793		0.200897	2.54316	2.54316	0.0835567	3.7562	3.7562	0.083301	3.76119	3.76119	0.141947	2.97731	2.97731	1.4002	10.588	6.72154	1
cg16342059	RIMKLB		0.32298		0.169248	0.711582	-1.40532	0.218599	0.740334	-1.35074	0.232297	1.33783	1.33783	0.396785	0.817412	-1.22337	0.787488	1.06479	1.06479		0.486204	0.848403	-1.17869	0.862499	1.0411	1.0411	0.112129	0.669026	-1.49471	0.1127553	0.669574	-1.49349	1.4002	1.19718	0.760007	1
cg12163545	ONECUT3		0.322984		0.975468	1.00537	-1.00537	0.0401606	0.661538	-1.5117	0.0661538	0.671457	-1.48966	0.214462	0.669516	-1.49375	0.590768	1.05151	-1.05151		0.236214	1.18108	1.24147	1.24147	1.34007	1.34007	0.0913	1.18251	1.18251	0.741148	0.904868	-1.10494	0.917908	0.673471	0.427542	1
cg15866089	DAGLA		0.322987		0.987607	0.992759	-1.00729	0.123632	0.458283	-2.18206	0.0787224	2.49319	2.49319	0.613725	0.78809	-1.26895	0.955748	1.0263	1.0263		0.646426	0.805648	-1.24124	0.115956	2.2283	2.2283	0.355513	1.56	1.56	0.880691	1.0728	1.0728	1.40018	4.85449	3.08182	1
cg03057164	RPS13		0.322993		0.443347	1.11152	1.11152	0.0776175	0.383213	1.36158	1.36158	0.213246	1.33106	1.33106	0.388622	1.07493	1.07493	0.346219	1.16936	1.16936		0.0254548	1.58066	1.58066	0.0425345	1.68449	1.68449	0.0118044	1.66018	1.66018	0.0133155	1.26093	1.26093	1.40018	0.3845429	0.304529	1
cg03330377	CDK6;CDK6		0.322991		0.70941	1.19678	1.19678	0.3846511	1.53379	1.53379	0.223467	0.541299	-1.84741	0.483375	1.4075	1.4075	0.915454	1.05228	1.05228		0.177226	1.99017	1.99017	0.391082	1.52455	1.52455	0.0297001	3.41452	3.41452	0.97028	1.01804	1.01804	1.40017	1.06963	3.24192	1
cg00089453	SYNPO;SYNPO		0.323		0.188118	0.508747	-1.96562	0.814546	0.892184	-1.12059	0.116697	0.437828	-2.284	0.612863	0.78095	-1.28049	0.529891	0.734653	-1.36119		0.892671	0.93668	-1.0676	0.032752	0.768739	-1.30127	0.0398055	0.421586	-2.37192	0.0209058	1.64188	1.40015	5.2067	3.3055	1
cg02389682	HEATR7A;HEATR7A;HEATR7A		0.323009		0.272659	1.44235	1.44235	0.0992672	0.84552	-2.90232	0.0610884	2.37367	2.37367	0.685048	0.697781	-1.43354	0.0997384	0.715549	-1.39744		0.20054	1.40302	1.40302	0.275722	0.501896	-1.99252	0.0980505	0.52586	-1.9022	0.0482274	0.468073	-2.13642	1.40012	2.88479	1.85376	1
cg14294629	CK8		0.323011		0.541211	1.61925	1.61925	0.281801	2.39069	2.39069	0.299922	2.30961	2.30961	0.917251	1.08435	1.08435	0.628016	1.46295	1.46295		0.182256	0.331832	-3.01358	?	?	?	0.0998489	4.07627	4.07627	0.113984	3.81846	3.81846	1.39008	11.9595	8.54814	1
cg23024509	PRDM16;PRDM16		0.323014		0.0983576	0.414287	-2.41398	0.0143287	0.312371	3.2371	0.323871	1.21306	1.21306	0.814986	1.1004	1.1004	0.667739	1.25	1.25		0.368257	1.2808	1.2808	0.201051	1.6925	1.6925	0.0423761	1.53771	1.54011	0.0813	1.51466	1.51466	1.40009	1.65057	1.15371	1
cg25037394	HMGCL;HMGCL		0.323024		0.136346	2.79691	2.79691	0.108794	1.06756	1.06756	0.124643	2.93307	2.93307	0.187352	2.44862	2.44862	0.0771179	3.52388	3.52388		0.106431	1.05903	1.05903	0.402347	1.73196	1.73196	0.408248	1.68351	1.68351	0.315119	1.94581	1.94581	1.40008	8.10685	5.7818	1
cg23197405	FLI1;ZEB2		0.323025		0.338231	1.9029	1.9029	0.494924	1.57092	1.57092	0.43781	0.597021	-1.67498	0.32666	0.516872	-1.93471	0.116744	0.329335	-3.03642		0.270425	2.11245	2.11245	0.541991	1.49526	1.49526	0.112701	0.32456	-3.0811	0.6156559	0.719013	-1.39079	1.40008	9.41809	5.97942	1
cg26239170	HLS1;E2F3;EXOC2		0.323027		0.561641	1.16433	1.16433	0.2774049	0.733	-1.36433	0.378778	0.660202	-1.49388	0.899799	1.0275	1.0275	0.840223	1.14086	1.14086		0.385253	1.08089	1.08089	0.462567	1.13886	1.13886	0.0859	1.13711	1.14011	0.18613	1.14666	1.14666	1.40008	2.82084	1.76285	1
cg26943835	ATG2A		0.323042		0.194754	0.214392	-4.66435	0.925462	0.90027	-1.11078	0.452835	0.42374	-2.35994	0.4301	0.404848	-2.47006	0.0677066	0.096291	-10.3852		0.174057	0.197201	-5.07097	0.0424958	0.072602	-13.7737	0.497328	0.461505	-2.16683	0.20333	0.223442	-4.51585	1.40003	27.9504	17.7459	1
cg00618450	SEZ6L		0.323043		0.999583	1.0014	1.0014	0.0139	1.14559	1.14559	0.182402	1.17743	1.17743	0.43621	0.817349	-1.22359	0.0984732	0.715549	-1.39744		0.0053	1.44044	1.44044	0.0053	1.83339	1.83339	0.0176094	1.88319	1.88319	0.0466461	1.83753					1
cg00911813	TNRC18		0.323048		0.272523	0.792252	-1.26222	0.377761	1.20266	1.20266	0.110373	1.42585	1.42585	0.460565	0.841033	-1.18901	0.206427	1.31223	1.31223		0.84359	1.0411	1.0411	0.495517	0.868392	-1.15155	0.229731	1.293	1.293	0.199568	1.31831	1.31831	1.40001	0.921882	0.585317	1
cg11312408	PCDH17		0.323049		0.53854	1.22139	1.22139	0.0980056	0.55997	-1.78581	0.125146	1.63758	1.63758	0.866461	0.941299	-1.06251	0.506564	0.81197	-1.23157		0.585103	0.995737	-1.00428	0.487691	1.08382	-1.7354	0.908282	0.965	-1.03627	0.481978	0.801762	-1.24725	1.40001	2.21927	1.54556	1
cg26144445	SLC35A2;SLC35A2;SLC35A2;SLC35A2		0.323052		0.308653	0.818034	-1.22208	0.0208478	0.881334	0.6553	0.0733168	0.647025	-1.48362	0.0923218	0.581261	-1.72016	0.0159154	1.12995	1.12995		0.138795	1.35041	-2.85354	0.66457	0.971191	-1.02966	0.994244	1.00625	1.00625	1.4	0.60146	0.09617	1
cg18121605	PITPNA		0.323055		0.833112	0.929686	-1.07563	0.798387	0.915355	-1.09247	0.0458947	2.20486	2.20486	0.167536	1.6625	1.6625	0.233328	0.649353	-1.54		0.575779	1.21572	1.21572	0.576321	0.822789	-1.21538	0.720428	0.883226	-1.13221	0.282019	1.47152	1.47152	1.39999	2.64723	1.68079	1
cg26725813	ZNF770		0.323057		0.632062	1.25904	1.25904	0.223977	1.10055	1.10055	0.713462	1.16616	1.16616	0.590768	1.05151	1.05151	0.504229	1.09394	1.09394	0.0853422	1.74548	-1.0854	0.0330354	1.29558	1.29558	0.0312	1.90383	-1.1069	0.0990335	0.922769	-1.0837	1.39999	0.184885	0.117388	1
cg20950724	UBE2E1;UBE2E1		0.323064		0.219492	0.701517	-1.42548	0.885287	1.04043	1.04043	0.61721	0.870795	-1.14838	0.687416	0.894891	-1.11745	0.238499	0.712312	-1.40388		0.0711472	0.574976	-1.7392	0.649737	1.13374	1.13374	0.218899	1.40305	1.40305	0.236269	1.40598	1.39997	1.67135	1.0612	1		
cg06570046	CCDC132;CCDC132		0.323069		0.424326	0.879636	-1.13687	0.193156	1.26226	1.26226	0.952358	1.00845	1.00845	0.336691	0.855638	-1.16872	0.57699	1.09274	1.09274		0.454229	0.886933	-1.12748	0.167357	0.799216	-1.26069	0.80415	1.03988	1.03988	0.0827909	1.35305	1.35305	1.39995	0.540225	0.348258	1
cg06796420	ADA9		0.323069		0.472364	2.19183	2.19183	0.0902031	1.00331	1.00331	0.993	1.30031	1.30031	0.0349018	1.95668	1.95668	0.0811117	1.68814	1.68814		0.509312	2.30085	2.30085	0.0284166	1.66693	1.66693	0.0425719	1.72762	1.72762	0.0420319	1.25084	1.25084	1.39995	1.63852	1.16936	1
cg21980394	PARK2;PARK2;PARK2		0.323072		0.512377	0.775974	-1.2887	0.0479415	0.421833	-2.37061	0.227455	1.62199	1.62199	0.318704	1.48199	1.48199	0.577093	0.805037	-1.23992		0.406729	0.723261	-1.38263	0.412977	0.773081	-1.29353	0.42771	1.3622	1.3622	1.39995	2.3308	2.05137	1		
cg04900941	SLCO2A1		0.323076		0.148128	0.449235	-2.22566	0.0126722	0.642	-1.55802	0.0134342	0.628655	-1.59103	0.0104948	0.574905	-1.73898	0.0104948	0.574905	-1.73898		0.743119	1.84906	1.84906	1.37729	0.440758	-2.26984	0.174552	0.749855	-1.33369	0.0902	1.38897	1.39997	1.64776			1
cg12541478	NR4A1;NR4A1		0.323081		0.771853	0.840788	-1.18936	0.0375886	4.216	4.216	0.0856996	3.10481	3.10481	0.583514	1.39133	1.39133	0.386496	1.6981	1.6981		0.558715	1.42294	1.42294	0.487233	1.52351	1.52351	0.44443	0.628118	-1.59206	0.616074	0.739667	-1.35196	1.39992	7.88837	5.00878	1
cg09267764	DGCR6L		0.323083		0.985882	0.997019	-1.00299	0.175569	1.17537	1.17537	0.577844	0.960924	-1.04122	0.778738	0.950501	-1.05197	0.0995659	1.01625	1.01625	0.882294	-1.01792	0.883188	0.958707	-1.04307	0.0205828	0.624367	-1.60162	0.0881333	0.552077	0.401469	1.39992	0.632277	0.401469	1
cg16983110	PTPRK;PTPRK		0.323085		0.258844	0.656739	-1.52267	0.0811145	0.500541	-1.99784	0.795731	1.09569	1.09569	0.294925	1.00333	1.00333	0.550592	0.46073	-2.17047		0.756194	2.896078	-1.11597	0.426838	0.750795	-1.33192	0.743125	0.880593	-1.12285	0.267572	1.50599	1.50599	1.43822	2.76523	1.49541	1
cg17221226	NRXN2;NRXN2		0.323093		0.103892	0.421723	-2.37122	0.713112	0.835959	-1.19623	0.832465	1.10833	1.10833	0.422806	0.671975	-1.48815	0.176402	0.497659	-2.00941		0.0690511	0.372403	-2.68526	0.108625	0.427538	-2.33897	0.746857	1.17029	1.17029	0.211011	0.527357	-1.89625	0.95989	0.52691	1.33184	1
cg23858706	EEF1A2		0.323102		0.072429	0.571093	-1.75103	0.0941055	0.724533	-1.38045	0.457765	1.12474	1.12474	0.549325	0.844243	-1.18434	0.0407565	0.544	-1.83824		0.468467	0.813717	-1.22891	0.140798	0.642282	-1.55695	0.897266	0.651561	-1.53461	0.0183662	0.615267	-1.62496	1.52961	1.39986	1.73154	1.10995	1
cg14771938	RNF5P1;RNF5;AGPAT1 /// SNORD115-15;SNORD115-		0.323104		?	?	?	0.0311327	0.0940887	-10.6283	0.543115	1.75896	1.75896	0.791851	0.785214	-1.27354	0.502142	0.535856	-1.86617		0.742014	1.35264	1.35264	0.591298	1.64228	1.64228	0.487486	1.90485	1.90485	0.332017	2.50673	2.50673	1.43652	16.5348	10.0715	1
cg11031564	21;SNORD115-26		0.323104		0.0343561	0.145568	-6.86964	0.0883075	0.230319	-4.34181	0.521756	0.602315	-1.66026	0.230755	0.374726	-2.66862	0.130816	0.279762	-3.57447		0.436166	0.537814	-1.85938	0.457675	0.554057	-1.80487	0.622227	0.678589	-1.47365	0.171922	0.321309	-3.11227	1.39986	13.5148	8.58173	1
cg15940337	FLI1;SNORD115-26		0.323108		0.856245	0.888503	-1.12549	0.396368	0.76157	-1.76157	0.302017	0.511916	-1.95345	0.606344	1.40334	1.40334	0.156456	0.493796	-2.02513		0.720564	0.791234	-1.26385	0.730422	0.798125	-1.25294	0.0197277	0.159484	-6.27022	0.73472	1.24823	1.24823	1.39984	9.42234	5.98311	1
cg13494037	C12orf67		0.323111		0.710039	1.15174	1.15174	0.263723	0.576524	-1.73456	0.144364	0.702153	-1.42422	0.160725	1.42422	1.27753	0.344854	0.780515	-1.28142		0.244346	1.10099	1.10099	0.643739	1.44644	1.44644	0.115755	1.86209	1.86209	0.0619569	1.03943	1.03943	1.39984	2.94092	1.87192	1
cg11295761	CCDC92		0.323113		0.285841	1.8202	1.8202	0.0226947	4.36612	4.36612	0.103418	2.61801	2.61801	0.607555	1.32301	1.32301	0.969737	0.979696	-1.02072		0.582089	1.35031	1.35031	0.252787	1.90682	1.90682	0.926978	0.951676	-1.05078	0.889133	0.927403	-1.07828	1.39983	6.47308	4.1104	1
cg10369989	MIR548H4;GLCE		0.323115		0.0225583	1.71195	1.71195	0.0854111	0.709433	-1.40958	0.0166688	0.146359	-6.83349	0.0372329	-1.35644	0.880883	0.0973355	-1.02737	0.831478	0.4256	-2.34996	0.807323	1.04028	1.04028	0.425316	0.888853	-1.01122	0.925616	1.12482	1.12482	0.425316	1.17372	1.17372	1.39982	0.8822	0.54497	1
cg11448616	RGS6;RGS6		0.323118		0.454958	1.36518	1.36518	0.155659	1.86148	1.86148	0.115681	2.01264	2.01264	0.887266	1.05973	1.05973	0.576887	2.40382	2.40382		0.893126	1.06552	1.06552	0.388883	0.696851	-1.43503	0.374194	1.45222	1.45222	1.79952	1.79047	1.79047	1.39982	3.70898	2.35522	1
cg27659478	TRIM65		0.323126		0.971093	1.01391	1.01391	0.721443	0.872398	-1.14627	0.559914	0.798688	-1.25205	0.601272	1.22269	1.22269	0.257374	0.63717	-1.56944		0.692757	1.1635	1.1635	0.0270661	2.7127	2.7127	0.244763	0.628781	-1.59038	0.9109091	0.958256	-1.04356	1.39979	3.22345	2.04694	1
cg03258695	STOML3;STOML3		0.323127		0.0329805	2.05616	2.05616	0.0842	0.899	-1.1911	0.0936021	0.615553	-1.62588	0.144136	0.7597	-1.31626	0.0962	0.615553	-1.62588	0.144136	0.7597	-1.31626

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1047 vs. 047)	Fold-Change(1047 vs. 047)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(121T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(473 vs. N)	Fold-Change(473 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	t(Test)	SS(Test)	SS(Error)	df	F(Error
cg21507866	KCNJ4		0.0764844	1.83255	1.83255	1.344142	0.74169	-1.34922	0.413604	1.29202	1.29202	0.412461	1.29377	1.29377	0.373658	1.32406	1.32406	1.32406	0.089926	1.77631	1.77631	0.413462	0.774267	-1.29154	0.768461	1.09944	1.09944	0.562325	0.83522	-1.19729	1.39892	2.09324	1.33007	1				
cg14002682	DNAIC27		0.323442	0.0397638	4.70186	4.70186	0.68791	0.768795	-1.30074	0.448606	1.65337	1.65337	0.302261	2.00543	0.183026	2.50922	2.50922		0.394582	1.76433	1.76433	0.558436	0.680367	-1.4698	0.417683	0.583171	-1.71476	0.30427	1.99924	1.99924	1.39891	9.39343	5.96872	1				
cg24305861	ANKS1B		0.323449	0.968701	0.964309	-1.03701	0.042305	8.72723	8.72723	0.301139	2.69764	2.69764	0.79979	1.26542	1.26542	0.0886658	0.175586	-5.69522		0.818296	1.23758	1.23758	0.734655	1.37043	1.37043	0.655391	1.51601	1.51601	0.569796	0.587392	-1.70244	1.39889	19.0997	12.0792	1				
cg26505704	HMOX2;HMOX2;HMOX2;HMOX2		0.323457	0.515061	1.70042	-1.41559	0.0426666	2.292054	-1.41407	0.0982223	0.385734	-2.59488	0.526015	1.402055	1.402055	0.196825	0.487572	-2.05121		0.948512	1.03459	1.03459	0.364493	0.612248	-1.63333	0.751904	1.18373	1.18373	0.765278	1.17074	1.17074	1.39887	6.1414	3.90245	1				
cg04004754	SATB1;SATB1;SATB1		0.323465	0.657436	0.8327	-1.20091	0.293896	1.563	1.563	0.972983	2.26883	2.26883	0.139617	0.520955	-1.91955	0.183968	0.560914	-1.7828		0.55707	0.783788	-1.27586	0.593415	0.801666	-1.2474	0.675429	1.18856	1.18856	0.994521	1.00282	1.00282	1.39885	3.72809	2.36899	1				
cg21720152	TTC7B		0.323467	0.985315	0.989046	-1.01018	0.102044	2.91811	2.91811	0.0987993	0.959396	0.959396	0.121597	2.75009	0.27009	2.28642	0.477792	-2.09206		0.93019	1.05383	1.05383	0.97178	1.0214	1.0214	0.37079	1.73321	1.73321	0.326529	1.83317	1.83317	1.39883	7.93402	5.04168	1				
cg09771034	MEG3;MEG3;MEG3		0.323478	0.849602	0.952018	-1.0504	0.344331	1.28698	1.28698	0.998467	0.999503	-1.0005	0.883385	1.03875	1.03875	0.105912	0.632905	-1.58002		0.489653	0.833787	-1.19935	0.0490086	1.78987	1.78987	0.542682	1.17305	1.17305	0.443069	0.816635	-1.22454	1.39881	1.14832	0.944497	1				
cg26295231	FLJ45983;GATA3;GATA3;FLJ45983		0.323484	0.127029	5.44399	5.44399	0.8709181	1.10226	1.10226	0.964157	0.99586	-1.00417	0.594545	0.566488	-1.76526	0.218447	3.77928	3.77928	0.238464	1.5575	1.5575	0.212132	0.588984	-1.86124	0.881621	1.73482	1.73482	0.979236	1.02711	1.02711	1.39879	21.4062	14.8739	1				
cg21639594	ADCYAP1R1		0.323495	0.440375	0.705324	-1.41799	0.1285095	2.072541	2.072541	0.0973552	0.241437	2.241477	0.155274	0.905952	-1.10397	0.561738	0.694254	-1.44014		0.952797	1.02661	1.02661	0.906141	0.531208	-1.56748	0.434214	0.911207	-1.09745	0.993204	0.996229	1.00379	1.39876	4.36057	2.77106	1				
cg21344480	TACR1;TACR1		0.323495	0.253364	1.18167	1.18167	0.903543	1.03711	1.03711	0.127437	0.794013	-1.25943	0.464751	0.90112	-1.10973	0.0522986	0.734282	-1.36187		0.731081	0.952869	-1.04946	0.970363	1.00521	1.00521	0.914476	0.985079	-1.01515	0.273845	1.17274	1.17274	1.39876	0.4338111	0.275679	1				
cg24933152	DGKD;DGKD		0.323504	0.0944253	2.06796	-1.33256	0.0426222	1.686166	1.686166	0.16742	0.0770441	0.830924	-1.23336	0.941829	0.95078	-1.05127	0.393756	-1.38428		0.163289	1.34453	1.34453	0.265135	0.0544288	2.012357	0.08	0.0578817	-1.84905	0.138149	0.318608	1.27477	1.39874	11.3659	7.222931	1				
cg01100984	FBXW4		0.323504	0.86133	1.02484	1.02484	0.44331	1.11594	1.11594	0.436563	1.11784	1.11784	0.0560717	0.738082	-1.35486	0.153029	1.23958	1.23958	0.1216	0.831192	-1.20309	0.747635	1.04635	1.04635	0.623976	1.07181	1.07181	0.561641	1.08585	1.08585	1.39874	4.36057	0.277308	1				
cg26509096	CAND2;CAND2		0.323508	0.972456	1.02158	1.02158	0.0548475	3.83548	3.83548	0.0809676	0.36828	3.30828	0.302826	1.54864	1.54864	0.312299	0.530693	-1.88433		0.630369	0.74098	-1.34958	0.676851	0.640728	-1.56072	0.529621	0.674529	-1.48252	0.836554	1.13625	1.13625	1.39873	8.40912	5.38324	1				
cg19359075	PRDM2;PRDM2;PRDM2		0.323509	0.146234	0.537365	-1.86091	0.216549	0.595828	-1.67834	0.448887	1.35976	1.35976	0.964505	1.01785	1.01785	0.105189	0.497127	-2.02377		0.725069	0.868833	-1.15097	0.656013	0.827089	-1.20906	0.52001	0.67118	-1.67118	0.178392	1.56589	-1.76713	1.39872	3.51259	2.23225	1				
cg26122963	PCOLCE		0.323511	0.130516	0.326431	-3.08042	0.145057	0.34021	-2.93936	0.905698	1.08508	1.08508	0.135639	0.33021	-3.02837	0.0423188	0.199641	-5.00899		0.437	0.579097	-1.72683	0.213281	0.404563	-2.4718	0.35909	0.522212	-1.91493	0.315917	0.489492	-2.04293	1.39871	10.5151	6.68242	1				
cg24397983	HCHD4		0.323516	0.0370264	0.727722	-1.38366	0.364331	0.882498	-1.13315	0.477562	1.10168	1.10168	0.517127	0.926233	-1.07964	0.723532	1.04878	1.04878		0.76322	0.960296	-1.04135	0.282463	0.860912	-1.16156	0.179015	1.21097	1.21097	0.983401	1.00279	1.00279	1.39871	0.398323	0.253138	1				
cg20444466	FNTA;FNTA;FNTA		0.323519	0.486617	1.08783	1.08783	0.378059	1.11373	1.11373	0.0924798	1.24672	1.24672	0.0481327	1.30865	1.30865	0.379841	1.11326	1.11326		0.419764	1.10516	1.10516	0.103413	0.948314	1.08049	0.0785804	1.26397	1.26397	0.73519	0.960376	-1.04126	1.3987	0.3143198	0.109677	1				
cg13763308	AP3M1;AP3M1;ADK;AP3M1;AP3M1		0.323522	0.125905	1.283627	1.283627	0.525736	0.792178	-1.26234	0.268995	2.40122	2.40122	0.361642	0.984067	-1.01727	0.488175	0.585152	-1.70896		0.17724	0.335802	-2.97794	2	0.339291	2.11581	2.11581	0.204423	2.70044	2.70044	1.39761	1.1392	0.151027	1				
cg23851558	LOC400940		0.323523	0.153323	0.457933	-2.18373	0.335769	0.602293	-1.66032	0.6612091	0.340444	-2.93734	0.973001	1.01744	1.01744	0.598965	0.762563	-1.31137		0.966748	0.978931	-1.02152	0.145508	2.2219	2.2219	0.288213	0.569375	-1.75631	0.8273	1.11807	1.11807	1.39869	5.78007	3.67333	1				
cg08241841	LSM7		0.323523	0.350883	1.72206	1.72206	0.307331	1.92405	1.92405	0.0445154	1.2987	1.2987	0.875261	1.093	1.093	0.404636	0.637115	-1.32084		0.843852	1.1181	1.1181	0.0248451	2.220497	2.220497	0.53521	0.627414	1.1501	1.31901	0.926664	1.0535	1.0535	1.39868	2.09853	4.51125	1				
cg27394038	SPRS3;SPRS3		0.323526	0.691678	0.947803	-1.05507	0.281541	1.16243	1.16243	0.808254	1.03324	1.03324	0.160225	0.817277	-1.22358	0.139959	1.2381	1.2381		0.474348	1.1028	1.1028	0.70194	0.760363	-1.29078	0.575628	0.962297	-1.03918	0.978883	0.996447	-1.00357	1.39867	0.400668	0.254634	1				
cg23394869	NCRNA00215;LOC643837		0.323543	0.654244	1.082412	1.082412	0.775391	1.12171	1.12171	0.3418445	1.27609	1.27609	0.0158156	1.59007	1.59007	0.0158156	1.59007	1.59007		0.970109	1.00237	1.00237	0.98559	0.983569	-1.01671	0.799082	0.978297	-1.02218	0.871361	0.956027	-1.04596	1.39867	0.1062483	0.043477	1				
cg18405260	SEC1;NTN5		0.323548	0.290339	1.27177	1.27177	0.878556	0.967057	-1.03407	0.409707	0.831346	-1.20286	0.191804	0.738812	-1.35352	0.936365	1.01765	1.01765		0.104309	1.47552	1.47552	0.129376	1.43187	1.43187	0.225685	1.32146	1.32146	0.987069	0.996456	-1.00356	1.39861	1.06311	0.675657	1				
cg13952899	C1orf95		0.323555	0.204136	0.456347	-2.19131	0.0519506	0.274704	-3.6491	0.254606	0.498407	-2.00639	0.931461	1.05172	1.05172	0.75278	0.408027	-2.45082		0.157885	0.413169	-2.42032	0.444216	0.613343	-1.57871	0.326895	0.552949	-1.80849	0.471682	1.53508	1.53508	1.39861	7.59075	4.82432	1				
cg22987380	SORBS3;SORBS3		0.323557	0.722659	0.866487	-1.15405	0.206649	1.72166	1.72166	0.722056	0.814621	1.87251	-1.06982	0.425403	0.587325	-1.70479	0.644798	0.58725	-1.70242	0.313082	0.657306	-1.52126	0.205236	1.71169	1.71169	0.824052	-1.21351	0.868762	0.955661	-1.06876	1.39859	3.58226	2.27675	1				
cg07536333	SNX26		0.323564	0.799627	1.05544	1.05544	0.970814	0.992268	-1.00779	0.330804	0.808249	-1.23734	0.575063	0.886773	-1.12768	0.232826	0.766882	-1.30398		0.505802	1.154	1.154	0.0456911	0.615053	-1.62588	0.220987	1.31385	1.31385	0.453044	1.17606	1.17606	1.39857	0.996062	0.633638	1				
cg05362358	FLJ16779;NKAIN4		0.323567	0.185863	0.54427	-1.83793	0.0707754	0.885829	-1.12889	0.0741586	0.422315	-2.36837	0.299385	1.58983	1.58983	0.0295403	1.221328	1.221328	0.11723	0.449358	0.44076	-2.26881	0.328645	1.99273	1.99273	1.39858	1.31506	1.31506	1.39856	4.06621	2.53438	1				
cg20030661	RPL13AP3		0.323568	0.925482	0.984331	-1.01592	0.546426	1.10854	1.10854	0.751434	0.947766	-1.05511	0.325941	1.58676	1.58676	0.183565	0.30348	0.30348		0.957543	0.991053	-1.00903	0.911984	1.69755	1.69755	0.731765	0.943566	-1.05981	0.912289	0.98157	-1.01878	1.39856	0.6313302	0.40124	1				
cg04042106	MUS81		0.323583	0.195752	0.41752	-2.3951	0.888211	1.09394	1.09394	0.826453	0.869204	-1.15048	0.168581	0.418544	-2.38923	0.0822164	0.292547	-3.41825		0.72234	0.796312	-1.25579	0.0565184	0.252024	-3.96787	0.116411	0.336518	-2.97161	0.364241	0.551452	-1.81339	1.39852	9.02644	5.73715	1				
cg07189568	FAM150A		0.323589	0.0870788	0.78422	0.88334	-1.13207	0.0744357	-1.34197	0.243395	1.0078	1.0078	0.829527	1.03545	1.03545	0.0896384	0.599322	-1.66853		0.327033	0.714554	-1.40051	0.0977284	0.515171	-1.9547	0.344115	0.574963	-1.74015	0.346307	1.02403	1.02403	1.3985	1.33506	0.863856	1				
cg19568099	SNORD116-8		0.323596	0.709525	1.18669	1.18669	0.324556	0.627893	-1.59263	0.974125	0.985273	-1.01495	0.504833	0.733763	-1.36284	0.428008	0.344385	0.90372		0.387052	1.50019	1.50019	0.345145	1.5233	1.5233	0.671928	1.42585	1.42585	0.116987	0.458866	-2.17929	1.39848	4.63487	2.94597	1				
cg00475710	C19orf34;CSNK1G2		0.323597	0.122105	0.788412	1.268209	0.0772127	2.16216	2.16216	0.0137703	1.31385	2.16216	0.0600314	1.59013	1.59013	0.0722186	1.59013	1.59013		0.560014	0.802314	-1.24637	0.0863	0.968087	1.03267	0.0255033	1.33847	1.33847	0.188048	0.824927	-1.21243	1.39847	0.4483927	0.2611	1				
cg01797043	RPL3L		0.323606	0.10857	0.431895	-2.31538	0.344386	0.626776	-1.59547	0.614022	0.78354	-1.27626	0.434112	0.681931	-1.46642	0.108871	0.432259	2.31343		0.360646	0.640537	-1.56119	0.0318834	0.299316	-3.34095	0.160317	0.48701	-2.05335	0.498698	0.719332	-1.39018	1.39845	4.09582	3.23902	1				
cg19083265	SEPT9;SEPT9		0.323608	0.116439	0.4728	-2.11506	0.488586	1.36199	1.36199	0.146037	0.580951	-1.98432	0.799341	0.894177	-1.11835	0.052289	0.37937	-2.63595		0.560512	1.29493	1.29493	0.57482	0.779672	-1.28259	0.966635	1.01854	1.01854	0.597539	1.26358	1.26358	1.39845	4.27066	2.71454	1				
cg25096740	RNF18;RNF18;RNF18		0.323611	0.535613	1.08743	1.08743	0.719205	1.124	1.124	0.462642	0.761428	-1.31348	0.0886767	0.708675	-1.41094	0.0886767	0.708675	-1.41094		0.663582	0.873504	-1.14481	0.723688	0.896313	1.11593	0.0883817	0.593558	-1.68476	0.368417	0.751655	-1.3304	1.39844	2.11481	1.34429	1				
cg20436912	SEC14L4;SEC14L4		0.323612	0.246207	0.398905	-2.50687	0.766629	1.25301	1.25301	0.490308	0.588009	-1.70065	0.404598	0.524002	-1.90839	0.0413019	0.168009	0.35206		0.595019	0.665919	-1.50168	0.166279	0.326733	-3.0606	0.0644798	0.207209	-4.82606	0.331871	0.46829	-2.13543	1.39844	12.7198	8.08508	1				
cg06968839	MS22;MS22		0.323613	0.624868	0.8004	-1.24709	0.443872	0.928133	-1.0201	0.823886	0.880952	-1.13514	0.870957	0.970155	-1.02129	0.949133	0.724006	-1.38078		0.858705	0.90279	-1.10262	0.104648	0.958387	-1.04347	0.881144	0.990422	-1.00962	0.929248	1.04872	-1.04612	1.39842	1.2481	0.471757	1				
cg03021377	RPRD1B;KIAA0406;RPRD1B		0.323617	0.762004	1.10505	1.10505	0.862113	0.944433	-1.05884	0.26384	1.46105	1.46105	0.5087	1.24667	1.24667	0.0659508	0.490648	-2.03812		0.371392	1.35233	1.35233	0.176023	1.61585	1.61585	0.204156	1.53759	1.53759	0.0927302	0.972528	-1.02825	1.39842	1.39532	1.52255	1				
cg01553912	HIF2;HIF2;HIF2;HIF2		0.323622	0.343615	1.34129	1.34129	0.0840676	0.418408	0.418408	0.285562	3.67412	3.67412	0.717019	1.53274	1.53274	0.346955	0.321016	-3.11511		0.658281	1.68579	1.68579	0.821439	0.767036	-1.30372	0.355465	3.05023	3.05023	0.0468276	14.4409	14.4409	1.39841	30.4872	19.379	1				
cg16643558	DUOX1;DUOX1		0.323623	0.0294913	0.709467	-1.40939	0.0310182	1.59459	1.59459	0.0441799	1.84799	1.84799	0.0707458	2.02253	0.494134	2.02253	0.494134	2.02253		0.982705	0.989737	-1.01047	0.887441	1.10868	1.10868	0.0402412	1.52842	1.52842	0.149072	1.31506	1.31506	1.39841	4.06621	2.53438	1				
cg09909062	PRDM16;PRDM16		0.323623	0.308822	2.22137	2.22137	0.352821	2.02974	2.02974	0.0661802	4.63752	4.63752	0.893584	1.10477	1.10477	0.726285	1.29907	1.29907		0.841504	0.861524	-1.16073	0.0288656	0.68073	6.80973	0.256794	2.4136	2.4136	0.687151	1.35174	1.35174	1.39841	12.2744	7.80214	1				
cg14999195	C5orf59		0.323627	0.613748	1.09284	1.09284	0.9135	1.22616	1.22616	0.0999	1.32923	1.32923	0.0999	1.32923	1.32923	0.0999	1.32923	1.32923		0.784655	1.14655	1.14655	0.0746035	0.974019	-1.02662	0.882408	1.42874	1.42874	0.227209	1.77229	1.77229	1.39839	3.58226	2.27675	1				
cg25840057	MCF2L;MCF2L		0.323631	0.957077	0.987971	-1.01218	0.0693661	1.57901	1.57901	0.578594	1.13447	1.13447	0.258685	0.767216	-1.30341	0.413682	1.20672	1.20672		0.518177	0.863036	-1.1587	0.192823	1.3633	1.3633	0.218293	0.747387	-1.33799	0.670857	0.908355	-1.10089	1.39838	1.11975	0.711777	1				
cg16643558	DUOX1;DUOX1		0.323632	0.304413	1.36545	1.36545	0.265851	1.29637	1.29637	0.171637	0.944433	1.36545	0.0944433	0.422315	-2.36837	0.299385	1.58983	1.58983		0.458373	0.46084	-2.17012	0.0529284	0.954585	-1.04796	0.970342	0.917963	-1.08937	0.98335	1.08508	0.689753	1				
cg05750635	HIST2H2BF		0.323655	0.1103162	1.11302	1.152954	0.2000128	1.09828	1.09828	0.0372197	1.37978	1.37978	0.906909	0.594558	1.0156	0.908835	0.10535	0.10535		0.0997645	0.786657	-1.2712	0.983037	1.03028	1.03028	0.478458	0.908631	1.00596	0.986996	0.997834	1.00217	1.39831	0.0991319	0.249137	1				
cg26920857	CPSF3L		0.323656	0.596609	1.2015	1.2015	0.806629	1.08794	1.08794	0.43813	0.762005	-1.31233	0.787799	1.09715	1.09715	0.160484	0.597349	-1.67406		0.038233	0.438058	-2.2828	0.333324	0.709671	-1.4091	0.794631	0.91425	-1.09379	0.114297	0.554147	-1.80458	1.39831	2.61567	1.66274	1				
cg27138646	HSPG1;HSPE1;HSPG1;HSPG1		0.323657	0.496284	1.19845	1.19845	0.4344574	1.27544	1.27544	0.0653185	1.0078	1.0078	0.829527	1.03545	1.03545	0.0896384	0.599322	-1.66853		0.632602	1.12677	1.12677	0.0323702	0.503706	-1.98529	0.97158	0.941518	1.02968	1.02968	0.381061	1.36053	1.36053	1.39831	1.36053	0.864874	1				
cg13183496	FAM120C		0.323663	0.116927	0.319842	-3.12655	0.61313	0.710895	-1.40668	0.590855	1.43795	1.43795	0.0534926	0.4397	0.4397	0.627676	0.721012	-1.38694		0.161111	0.372195	-2.68676	0.941162	0.150564	0.150564	0.857788	0.886881	-1.12755	0.874751	1.11135	1.11135	1.39829	0.91969	0.630589	1				
cg20679581	MSRA;MSRA;MSRA		0.323686	0.0661858	0.187218	-5.34241	0.117554	3.85718	3.85718	0.398779	1.98588	1.98588	0.495792	0.580424	-1.72362	0.333599	0.452029	-2.21396		0.556714	1.60311	1.60311	0.985691	1.01434	1.01434	0.559334	0.625697	-1.59822	0.463845	0.552547	-1.8098	1.39823	0.19665	0.83907	1				
cg20898285	SV2C		0.323686	0.47949	2.21003	2.21003	0.582466	1.15803	1.15803	0.0132444	0.4802241	-2.14651	0.315932	0.854017	-1.52001	0.522391	0.842519	-1.18692		0.926217	0.975821	-1.02514	0.624748	0.2424044	1.38167	0.0518175	0.557245	-1.79454	0.769635	1.08069	1.08069	1.39823	1.54629	0.983014	1				
cg19501997	MEX3C;MEX3C		0.323690	0.848667	1.05385	1.05385	0.512801	1.19991	1.19991	0.0855495	1.6851	1.6851	0.412354	1.25877	1.25877	0.747904	1.09256	1.09256		0.130619	0.638755	-1.56554	0.357235	0.77107	-1.2969	0.875138	1.04412	1.04412	0.128151	1.57081	1.57081	1.39822	1.66948	1.06134	1				
cg08167846	WHSC1L1;WHSC1L1		0.323698	0.983163	0.991457	1.008602	0.7902234	1.15544	1.15544	0.0657153	1.18745	1.18745	0.0813302	1.16022	1.16022	0.0813302	1.16022	1.16022		0.675637	0.843729	-1.18521	0.224541	0.595996	1.68085	0.0189116	0.715832	1.39802	0.0107555	0.568118	1.7602	1.39821	0.2613	0.16803	1				
cg08884928	YPEL2		0.323704	0.680047	0.855462	-1.16896	0.45236	0.749597	-1.33405	0.656344	1.18364	1.18364	0.0785462	2.08672	2.08672	0.482951	1.3079	1.3079		0.384208	0.714703	-1.39918	0.705481	0.866808	-1.15366	0.169416	1.73511	1.73511	0.156917	0.565561	-1.76816	1.39818	3.13833	1.99518	1				
cg02827731	MAPT;MAPT;MAPT;MAPT;MAPT		0.323707	0.469389	1.58081	1.58081	0.164009	1.50582	1.50582	0.0231917	1.54159	1.54159	0.461075	1.59497	1.59497	0.405771	1.69753	1.69753		0.897272	0.922781	-1.08368	0.910817	0.95789	0.697079	0.783976	-1.27555	0.24198	2.14238	2.14238	1.39817	8.57135	5.44925	1				
cg04590978	CCNI;CCNL;CCNJ		0.323712	0.177187	0.710735	-1.40699	0.688314	0.908466	-1.10076	0.35491	0.797269	-1.25428	0.774676	1.07072	1.07072	0.906565	0.972434	-1.02835		0.235512	0.74381	-1.34443	0.961643	0.988616	-1.01151	0.0595359	1.6591	1.6591	0.262038	1.32104	1.32104	1.39816	1.25498	0.797663	1				
cg10567098	LHPP;LHPP		0.323713	0.864663	1.03837	1.03837	0.0153552	0.7546	-1.32534	0.251566	1.27469	-1.28243	0.0379297	1.01912	1.01912	0.0379297	1.27119		0.553827	0.883524	-1.1333	0.0488228	0.62398	-1.60261	0.157626	0.899976	-1.11114	0.368189	0.924264	-1.2132	1.39815	0.9709891	0.617253	1				
cg02230495	HIBCH;HIBCH		0.323714	0.863461	1.07508	1.07508	0.570434	0.804299	-2.47342	0.372414	0.680353	-1.46982	0.613772	0.807316	-1.23867	0.381439	1.45871	1.45871		0.431951	0.713682	-1.40118	0.139573	1.95161	1.95161	0.360097	1.48546	1.48546	0.784574	0.891147	-1.12215	1.39815	3.91694	2.49023	1				
cg24593198	LMNA;LMNA;LMNA		0.323717	0.426255	1.14599	1.14599	0.0140993	0.726978	-1.37569	0.0296218	1.24218	1.24218	0.774092	0.876558	-1.14083	0.0163648	0.626564	-1.59603		0.427859	0.59536	-1.67956	0.0139402	0.429585	1.42085	0.0139402	0.31099	-3.21579	0.0107979	0.782725	1.25355	1.39815	0.7009	0.446238	1				
cg06653140	SKP2;SKP2		0.323719	0.0458529	0.100033	-9.9967	0.247688	0.296511	-3.37256	0.372078	0.397803	-2.51381	0.602041	1.69759	1.69759	0.415584	2.30942	2.30942		0.163694	0.224237	-4.45957	0.72817	0.704007	-1.42044	0.679633	1.51846	1.51846	0.515026	1.94262	1.94262	1.39814	22.404	14.2437	1				
cg15341601	RASGRF2		0.323722	0.0334286	0.301612	-3.29368	0.676318	1.22309	1.22309	0.52802	0.73467	-1.36116	0.58367	1.30401	1.30401	0.632205	1.26022	1.26022		0.330464	1.61873	1.61873	0.251879	1.77557	1.77557	0.407685	1.50111	1.50111	0.533073	1.15364	1.15364	1.39813	5.09378	3.23846	1				
cg01150852	ABHD5		0.323723	0.7562077	0.9256	0.9256	0.279574	1.17741	1.17741	0.821492	0.765654	1.06649	0.2218261	1.43779	1.43779	0.209191	0.688023	-1.45272	

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)		
cg02637593	TPK1;TPK1;TPK1;TPK1;TPK3;TPK3	0.324051	0.302712	0.775464	-1.28955	0.599144	1.13403	1.13403	0.02218782	0.520851	-1.91993	0.626198	1.12345	1.12345	0.505669	0.852015	-1.17369	0.716038	1.00049	1.00049	0.548106	1.15485	1.15485	0.9113	0.973821	-1.02678	0.443796	1.20339	1.3972	1.24435	0.791644	1
cg05088820	ASAP2;ASAP2 ADAM22;ADAM22;ADAM22;ADAM22;	0.324056	0.467912	1.50819	1.50819	0.738053	3.03047	3.03047	0.197195	2.13499	2.13499	0.522816	1.43378	1.43378	0.131437	0.404139	-2.4744	0.751486	0.837986	-1.19334	0.282331	1.8618	1.8618	0.07097	1.89273	1.89273	0.643461	1.29605	1.29605	1.3972	6.84925	4.35746	1
cg10662979	ADAM22	0.324059	0.921476	0.987843	-1.01231	0.445544	1.10127	1.10127	0.0306207	1.37038	1.37038	0.607043	1.06647	1.06647	0.117591	0.809906	-1.23471	0.906493	0.985529	-1.01468	0.925852	1.01161	1.01161	0.455278	1.09893	1.09893	0.719143	0.956193	-1.04581	1.39719	0.340515	0.216635	1
cg24946133	JUN;JUN	0.324059	0.111282	0.800112	-1.24982	0.76058	0.961472	-1.04007	0.49497	1.09317	0.089785	0.786297	-1.21778	0.484454	1.09564	1.09564	-1.60207	0.66802	0.949432	-1.05326	0.167731	0.827767	-1.20807	0.217961	0.840536	-1.18128	0.513154	1.08891	1.08891	1.39719	0.365701	0.232658	1
cg24182468	VIPK2	0.324066	0.0872481	0.410353	-2.43692	0.690725	1.20763	1.20763	0.475578	1.46808	1.46808	0.618075	1.26681	1.26681	0.0566719	0.36443	-2.74438	0.679511	0.872173	-1.14583	0.0221915	2.10084	2.10084	0.588077	1.11958	1.11958	0.563024	0.853225	-1.17202	1.39719	4.92448	3.13299	1
cg25102206	JDP2;JDP2;JDP2;JDP2	0.32407	0.242921	0.6174	-1.6197	0.825283	0.916446	-1.09117	0.3144488	1.50756	1.50756	0.996169	0.998107	-1.0019	0.213896	0.596628	-1.67609	0.264431	0.631892	-1.58255	0.0615433	0.435562	-2.29588	0.149552	0.543466	-1.84004	0.251015	0.622934	-1.60531	1.39716	3.4462	2.19251	1
cg04438688	GPR808	0.324072	0.162222	0.447245	-2.2355	0.982971	1.01169	1.01169	0.9175518	0.945152	-1.05802	0.863561	0.9106	-1.09834	0.04185721	0.278948	-3.58418	0.737216	0.832463	-1.20125	0.121129	0.402739	2.483	0.659488	1.27308	1.27308	0.126666	0.409732	-2.45862	1.39715	6.56205	4.17379	1
cg18131689	ANOS;ANOS GHRLOS;GHRL;GHRL;GHRLOS;GHRLOS; GHRL;GHRL;GHRL;GHRL;GHRLOS;	0.324074	0.806137	1.08687	1.08687	0.904379	0.960111	-1.04155	0.816422	1.08197	1.08197	0.133191	1.7422	1.7422	0.0473716	2.19199	2.19199	0.572145	0.823952	-1.21366	0.205349	1.5782	1.5782	0.452585	0.771126	-1.2968	0.47348	0.780702	-1.2809	1.43525	2.55259	1.38328	1
cg03920999	GHRL;GHRL;GHRL	0.324074	0.764786	1.1133	1.1133	0.0595503	2.13664	2.13664	0.761765	0.896944	-1.1149	0.500552	0.783037	-1.27708	0.393853	1.36671	1.36671	0.105883	1.88094	1.88094	0.187176	1.64883	1.64883	0.303836	1.46737	1.46737	0.526594	0.79493	-1.25797	1.39715	2.83118	1.80125	1
cg26817217	TOX3;TOX3	0.324075	0.753773	0.8806568	-1.12858	0.742771	0.808361	-1.23777	0.3853207	1.09835	1.0935	0.269765	1.50261	1.50261	0.252881	0.655615	-1.52529	0.182137	0.605462	-1.65163	0.362491	1.59437	1.59437	0.0715509	1.99485	1.99485	0.492329	0.781073	-1.28029	1.39714	2.7936	1.76748	1
cg06109664	EIF4E;EIF4E;EIF4E;EIF4E;EIF4E	0.324079	0.326969	1.78995	1.78995	0.170227	2.32666	2.32666	0.0552818	3.55605	3.55605	0.708763	1.23981	1.23981	0.597548	1.53572	1.53572	?	?	?	0.198169	0.455993	?	-2.19302	0.805305	0.868116	-1.15192	0.593869	1.36148	1.36148	1.43353	6.47549	3.95253	1
cg01213455	C5orf45;C5orf45	0.324084	0.803511	1.05548	1.05548	0.219212	0.755888	1.32509	0.0957296	0.988052	-1.01209	0.240315	0.766223	-1.3051	0.291214	1.32295	1.32295	0.860147	0.962503	-1.03894	0.0398888	1.6728	1.6728	0.811242	1.05319	1.05319	0.807838	0.94859	-1.0542	1.39712	1.03808	0.660461	1
cg18569864	JARID2	0.324085	0.805265	1.09617	1.09617	0.32767	1.760661	1.76066	0.1134565	0.837292	0.9453847	-1.05725	0.8739001	0.957909	-1.04194	0.265654	1.3807	0.677983	0.872173	-1.14583	0.0221915	2.10084	2.10084	0.588077	1.11958	1.11958	0.563024	0.853225	-1.17202	1.39711	1.62207	1.03201	1
cg22556651	SCN1B;SCN1B;SCN3B;SCN1B	0.324092	0.336578	2.29301	2.29301	0.565464	0.6156	-1.62443	0.942639	1.06183	1.06183	0.0446497	0.14027	-7.1291	0.925989	1.08054	1.08054	0.323304	2.35063	2.35063	0.519588	1.72523	1.72523	0.187072	3.24231	3.24231	0.456111	1.88616	1.88616	1.43519	15.4647	8.38083	1
cg14941559	NCK1	0.324093	0.259778	0.64416	-1.55068	0.287855	0.606817	-1.53653	0.2270044	0.640047	-1.5551	0.646151	0.884057	-1.23692	0.0423525	0.442881	-2.25795	0.512308	0.793467	-1.2604	0.0700022	0.495995	2.0143	0.384237	0.690457	-1.44832	0.139254	0.571869	-1.74865	1.3971	2.68144	1.70604	1
cg24392694	MAGIX;MAGIX;MAGIX;MAGIX	0.324093	0.680267	1.34194	1.34194	0.249063	1.87754	1.87754	0.285173	0.559635	-1.78688	0.25509	0.83142	-1.20276	0.111935	0.494092	-2.47224	0.679514	0.804749	-1.24262	0.529061	0.736453	-1.35776	0.111351	1.47594	1.47594	0.137709	0.731434	1.37545	1.37709	0.04995	0.384923	1
cg10757027	AGAP3;AGAP3	0.324098	0.512988	1.19629	1.19629	0.890251	0.963392	-1.038	0.115906	1.58662	1.58662	0.480202	1.21393	1.21393	0.739803	0.9139	-1.09421	0.974255	1.00876	1.00876	0.450084	1.23109	1.23109	0.0362934	1.93003	1.93003	0.0936311	1.64555	1.64555	1.39708	1.61462	1.0273	1
cg01565343	BCL9L; TPM1;TPM1;TPM1;TPM1;TPM1;	0.32411	0.289522	1.16527	1.16527	0.202029	1.14599	1.14599	0.18546	1.21574	1.21574	0.779158	1.26291	1.26291	0.368483	1.14166	1.14166	0.35705	1.14987	1.14987	0.479314	1.09954	1.09954	0.403997	1.11748	1.11748	0.59487	1.07754	1.07754	1.39708	0.428308	0.272511	1
cg21316470	TPM1	0.324102	0.967773	1.01166	1.01166	0.991138	0.996818	-1.00319	0.375612	1.29816	1.29816	0.235922	0.700166	-1.42823	0.635191	0.871835	-1.14701	0.771227	0.919734	-1.08727	0.0374364	0.500076	-1.9997	0.0772803	0.569125	-1.75708	0.806092	0.931854	-1.07313	1.3970	1.82223	1.1594	1
cg27256309	MAMSTR;MAMSTR	0.324104	0.387569	0.732187	-1.36577	0.075789	2.00494	2.00494	0.0937247	1.91317	1.91317	0.507554	1.26697	1.26697	0.44288	0.759283	-1.31703	0.597207	1.20647	1.20647	0.726756	0.883836	-1.13143	0.42013	0.748326	-1.33632	0.344889	1.40837	1.40837	1.39706	2.74122	1.74412	1
cg01263222	MLYCD	0.324104	0.661476	0.876063	-1.14147	0.103266	1.7077	1.7077	0.0990173	1.72116	1.72116	0.692044	0.887310	-1.12699	0.4319004	1.27236	1.27236	0.21666	1.47756	1.47756	0.191184	0.659948	-1.51527	0.464351	1.25062	1.25062	0.975829	0.990943	-1.00914	1.39706	1.99536	1.26956	1
cg09428537	AFG3L1;CENPB01;AFG3L1;AFG3L1	0.324105	0.0520494	1.87916	1.87916	0.377799	1.10798	1.10798	0.389559	1.38617	1.38617	0.421941	1.79166	1.79166	0.0116465	2.56316	2.56316	0.945428	1.05703	1.05703	0.854134	0.706051	-1.41596	0.0982691	-1.01763	0.417503	1.2667	1.2667	0.24936	0.709191	1.80257	1.14489	1
cg00707814	KDM2B;KDM2B	0.324108	0.174552	0.367367	-2.72207	0.446209	1.71326	1.71326	0.833082	1.15244	1.15244	0.763234	0.811	-1.23305	0.0782763	0.257593	-3.8821	0.306943	0.480281	-2.08212	0.0737747	0.251069	-3.98296	0.619083	1.39584	1.39584	0.389775	0.542754	-1.84245	1.39705	10.6384	6.76879	1
cg05537491	CIR1	0.324109	0.450285	0.73479	-1.36093	0.839544	1.07191	-1.09461	0.2270964	1.20726	1.20726	0.577358	0.888006	-1.12597	0.4429758	1.12606	1.12606	0.669421	0.853227	-1.17201	0.3468288	0.678353	-1.47416	0.0925611	0.796069	-1.03835	0.827101	0.916095	-1.09159	1.39705	3.55116	2.25947	1
cg05908242	PMS2L11	0.324117	0.280521	0.592029	-1.68911	0.664842	0.379465	-2.63529	0.205113	0.535388	-1.8678	0.25227	0.571858	-1.74869	0.35957	0.643904	-1.55303	0.424205	0.682901	-1.46434	0.0772218	0.399284	-2.50448	0.845942	0.913105	-1.09516	0.0757051	0.396979	2.51903	1.3703	1.83188	3.07439	1
cg02663952	CD44;CD44;CD44;CD44;CD44 TMEM106C;TMEM106C;TMEM106C;T	0.32412	0.317654	0.466135	-2.1453	0.0923873	3.93016	3.93016	0.848133	1.15219	1.15219	0.225827	0.390683	-2.55962	0.942684	0.948254	-1.05457	0.769296	0.804667	-1.24275	0.164701	0.334424	-2.99021	0.848452	0.868171	-1.15185	0.108537	0.274297	-3.64568	1.3702	12.0814	7.68707	1
cg25848654	MEMI106C	0.324129	0.174162	0.617903	-1.61838	0.73433	0.89276	-1.12012	0.194578	0.633202	-1.57927	0.597251	1.19431	1.19431	0.941709	1.0223	1.0223	0.151442	1.66838	1.66838	0.157435	0.604443	-1.65442	0.345003	1.38192	1.38192	0.416102	1.31888	1.31888	1.39699	2.45368	1.56124	1
cg00674304	POMC;POMC	0.324131	0.153284	0.890234	-1.12329	0.585867	1.1495	1.1495	0.479168	1.17908	1.17908	0.368314	0.76227	-1.31202	0.1732221	1.58266	1.58266	0.309202	0.793339	-1.26071	0.309339	1.27241	1.27241	0.388828	1.07007	1.07007	0.822577	0.784791	-1.27422	1.39699	0.72973	3.35911	1
cg06620731	FICD	0.324133	0.0971597	1.27032	1.27032	0.479261	0.909801	-1.09914	0.727635	0.955087	-1.04702	0.480645	0.910081	-1.0988	0.184554	1.20318	1.20318	0.25925	0.856683	-1.16729	0.304598	0.869593	-1.14996	0.245646	0.852491	-1.17303	0.58183	1.07584	1.07584	1.39699	0.382179	0.243176	1
cg26547894	DPP6;DPP6;DPP6	0.324135	0.184388	1.61851	1.61851	0.318857	0.699214	-1.43018	0.735237	0.890407	-1.12308	0.0820825	1.93249	1.93249	0.417898	1.32724	1.32724	0.82491	0.927024	-1.07872	0.892672	1.04725	1.04725	0.115671	1.7947	1.7947	?	?	?	1.39588	2.29831	1.6465	1
cg03118200	GRAP	0.324141	0.499188	0.807	-1.23894	0.59559	0.911071	1.2131	0.164794	1.10511	1.10511	0.64794	0.7613	-1.31314	0.0814525	1.19427	1.19427	0.740113	1.35115	1.016	0.573121	0.8816325	1.1956	0.0302284	1.78176	1.78176	0.77519	1.06529	0.935265	0.982212	1.01811	1.64504	1.08602	0.58861	1
cg06747009	RNF126	0.324141	0.36387	0.820436	-1.21886	0.52926	0.873552	-1.14475	0.40961	1.19586	1.19586	0.833438	1.04568	1.04568	0.254254	0.776852	-1.28725	0.317046	1.24531	1.24531	0.0374738	1.66873	1.66873	0.458054	1.17383	1.17383	0.666284	1.09639	1.09639	1.39696	0.993546	0.633341	1
cg05232067	BNIP3L	0.324143	0.374822	1.3009	1.3009	0.376555	1.09566	1.09566	0.647355	1.11342	1.11342	0.368207	0.836937	-1.23925	0.384126	0.81725	-1.2012	0.689004	0.918877	-1.08784	0.153482	0.502154	-1.99201	0.0425454	0.744202	1.34342	0.167773	0.689981	1.44393	1.39695	1.17462	1.05827	1
cg01508013	MRAP2	0.324145	0.824834	0.945612	-1.05752	0.0590383	1.71226	1.71226	0.833053	0.948143	-1.05469	0.59817	1.14359	1.14359	0.955197	0.78533	-1.27335	0.703802	1.10116	1.10116	0.352735	0.785654	-1.27282	0.230838	1.37314	1.37314	0.167577	0.689981	1.44393	1.39695	1.40808	0.895969	1
cg26848416	C15orf39	0.324154	0.134674	1.33811	1.33811	0.564759	0.90022	-1.11084	0.7497	1.05951	1.05951	0.555221	0.897842	-1.11378	0.608377	0.910894	-1.09782	0.958014	1.00955	1.00955	0.416509	1.16179	1.16179	0.671776	1.08	1.08	0.0252971	1.6165	1.6165	1.39693	0.721508	0.459109	1
cg00207148	BNIP3L	0.324158	0.929184	0.981849	-1.01849	0.765119	0.930565	-1.07482	0.702995	1.03569	1.03569	0.339714	0.816461	-1.2248	0.276151	0.912986	-1.09539	0.869564	1.03445	1.03445	0.0224018	0.56918	-1.75691	0.131855	1.22914	1.22914	0.787551	0.945857	-1.05724	1.39691	0.939532	0.597846	1
cg04956701	NTM;NTM;NTM;NTM	0.324159	0.877947	1.05293	1.05293	0.250616	0.668363	-1.49619	0.0722147	0.590549	-1.96098	0.85705	0.941288	-1.06237	0.931097	0.912368	-1.08373	0.2794	1.68561	-1.45855	0.102672	1.82094	1.82094	0.36997	0.73368	-1.36299	0.583509	1.20423	1.20423	1.39691	2.49237	1.58595	1
cg01008168	NCOR2;NCOR2	0.324161	0.132133	0.809402	-1.23546	0.72257	0.765356	-1.30625	0.2344	0.763227	-1.3557	0.862655	0.790533	-1.26539	0.0881063	0.66624	-1.50126	0.363101	0.829941	-1.20541	0.211443	1.33696	1.33696	0.0861884	1.82078	1.82078	0.0743593	0.56513	1.77009	1.39689	1.08602	0.58861	1
cg01764966	WFDC10A;WFDC9	0.324168	0.0928696	0.284523	-3.51466	0.287739	0.472199	-2.11775	0.18907	0.388352	-2.57498	0.0324661	0.182333	-5.48449	0.154918	0.355273	-2.81474	0.291904	0.475486	-2.10311	0.318157	0.495877	-2.01663	0.648838	0.732222	-1.36571	0.383301	0.544567	-1.83632	1.39689	10.2244	6.50614	1
cg22881941	NKTR	0.324175	0.229951	1.42013	1.42013	0.59503	0.863425	-1.16087	0.288581	1.3616	1.3616	0.569654	1.17353	1.17353	0.28622	0.734615	-1.36126	0.669421	0.853227	-1.17201	0.3468288	0.678353	-1.47416	0.0925611	0.796069	-1.03835	0.827101	0.916095	-1.09159	1.39685	3.55116	2.25947	1
cg09561609	UFM1	0.324177	0.347526	0.66167	-1.51126	0.366366	1.9565	1.9565	0.337599	1.36236	1.36236	0.0431357	0.546726	1.83142	0.0476175	2.34074	2.34074	0.478428	0.587187	-1.70303	0.0224722	2.50484	2.50484	?	0.837894	0.837894	0.783679	-1.27603	1.39575	0.817384	1.79889	1
cg18646088	SLC35E3	0.324178	0.901463	1.0191	1.0191	0.284673	1.18501	1.18501	0.0781776	1.34839	1.34839	0.741345	0.950664	-1.0519	0.166896	0.798442	-1.25244	0.229746	0.824905	-1.21226	0.560213	0.913955	-1.09415	0.314171	1.17233	1.17233	0.574142	1.0906	1.0906	1.39686	0.516158	0.328457	1
cg19385742	IKBKINSR	0.324183	0.145732	0.675032	-1.48042	0.0615507	0.597346	-1.67407	0.0979954	0.62629	1.60629	0.611998	0.802321	-1.24616	0.0655114	0.815206	-1.22679	0.559553	1.13913	1.13913	0.628899	0.78154	-1.27953	0.148485	0.877158	-1.14041	0.0488332	0.612123	0.664687	-1.50447	1.39685	1.32373	0.842362	1
cg00132616	ARIO5B	0.324189	0.515343	0.847272	-1.18026	0.585015	0.870625	-1.1486	0.479079	1.20123	1.20123	0.180492	1.42946	1.42946	0.387307	1.24937	1.24937	0.252429	0.740555	-1.35034	0.070278	0.601477	-1.66258	0.635984	1.12726	1.12726	0.331684	0.777535	-1.28612	1.39683	1.39647	0.88866	1
cg24537048	PRKC2;PRKC2;PRKC2	0.324197	0.329882	0.477729	-2.09302	0.0238617	0.73459	0.73459	0.0556005	0.629057	1.42983	1.42983	0.790705	0.828866	-1.2065	0.91013	1.0863	1.0863	0.885528	1.11162	1.11162	0.597633	0.676203	-1.47885	0.905941	1.23118	1.23118	1.3968	11.9373	7.56645	1
cg15685317	BCYRN1	0.324198	0.170234	0.6	-1.66667	0.0599218	0.600583	-1.66505	0.163397	0.567703	-1.76155	0.0709945	0.822618	-1.21566	0.0954559	0.809459	-1.23529	0.817184	0.836635	-1.19561	0.0961344	0.642198	-1.55707	0.0984193	0.814504	-1.22829	0.0424198	0.580677	-1.72255	1.39683	1.1498	0.543811	0.840545	1.18907	0.576946	1
cg25081912	C22orf34	0.3242	0.107103	1.56481	1.56481	0.163525	0.691594	-1.44594	0.143884	0.677472	-1.47608	0.331702	1.28052	1.28052	0.942806	1.01795	1.01795	0.797705	0.93829	-1.06577	0.384904	1.24722	1.24722	0.483708	1.19304	1.19304	0.411538	1.23149	1.23149	1.3968	1.36045	0.865758	1
cg20444807	RNF166	0.324204	0.1408468	0.6	-1.66667	0.23648	0.727227	-1.5557	0.2862165	0.790533	-1.26539	0.0881063	0.40989	-2.43997	0.0157551	2.44088	2.44088	0.0755205	1.38977	1.38977	0.0263196	1.80634	1.80634	0.243431	0.878785	-1.13794	0.16862	1.46819	1.46819	1.39683	2.23473	1.72175	1.35852	1
cg08624249	C20orf117;C20orf117	0.324206	0.480203	0.663569	-1.507	0.0750876	2.10411	2.10411	0.131194	2.53785	2.53785	0.811286	1.14648	1.14648	0.350195	0.57722	-1.73244	0.314626	0.551973	-1.81168	0.86296	1.10377	1.10377	0.2001	2.16734	2.16734	0.99011	1.00711	1.00711	1.39678	7.22472	4.5977	1
cg12927293	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.324207	0.863523	0.964518	-1.03679	0.709112	1.08174	1.08174	0.162916	0.731426	-1.36719	0.194638	1.33389	1.33389	0.249124	0.776511	-1.28781	0.604983	0.64718	-1.54517	0.577205	0.888467	-1.12553	0.795508	0.940623	-1.06505	0.200454	0.752791	-1.32839	1.39678	0.975425	0.620747	1
cg08178124	THYN1;THYN1	0.32421	0.378467	1.54206	1.54206	0.869662	0.924303	-1.0819	0.108677	2.31332	2.31332	0.0757756	0.387772	-2.57884	0.949365	0.970018	-1.03091	0.921839	1.04817	1.04817	?	?	?	0.380378	0.649666	-1.53925	0.376505	1.54496	1.54496	1.39565	4.51416	3.23445	1
cg07878955	RNPC3	0.324212	0.0852284	1.48589	-1.45782	0.4939	1.38144	1.38144	0.128389	1.38292	1.38292	0.822741	0.958304	-1.04551	0.873189	0.948417	-1.05439	0.754819	0.938091	-1.0654	0.364	1.22809	1.22809	0.677118	0.925157	-1.08157	0.264013	1.24399	1.24399	1.39683	0.804035	0.458609	1
cg07212747	HMOX2;HMOX2;HMOX2	0.324214	0.729514	1.15912	1.15912	0.155093	1.91028	1.91028	0.73465	0.865265	-1.15572	0.571693	1.27522	1.27522	0.797302	1.1157	1.1157	0.981833	0.990361	-1.00973	0.231472	1.70556	1.70556	0.0247992	3.1162	3.1162	0.152884	1.91753	1.91753	1.39676	4.00303	2.54751	1
cg07878960	CRXOC	0.324215	0.310509	0.815112	-1.22662	0.424647	1.34747	1.34747	0.0443	1.74823	1.74823	0.0701363	1.4258	1.4258	0.0137542	0.772295	-1.29504	0.242464	0.734949	-1.36071	0.0148387	2.03983	2.03983	0.0918289	0.938233	-1.06565	0.0438878	2.02364	2.02364	1.39676	0.994433	0.623867	1
cg15102070	PPP2R2D;PPP2R2D;PPP2R2D	0.324216	0.413755	1.562432	-1.77799	0.280925	2.16391	2.16391	0.449768	1.69973	1.69973	0.56549	0.67022	-1.49205	0.108039	0.298877	-3.34585	0.264178	0.4486	-2.22916	0.195222	0.389217	-2.56926	0.204017	2.51761	2.51761	0.892157	0.910802	-1.09793	1.39675	0.41045	0.67867	1
ch.4.3540605F	OD23	0.324217	0.119309	0.544103	-1.83789	0.0418868	0.429855	-2.32637	0.16312	0.5851	-1.70911	0.132953	0.557851	-1.79259	0.543726	0.801293	-1.24798	0.690758	1.15485	1.15485	0.365923	0.751729	-1.33018	0.40346	0.73505	-1.36045	0.950995	0.978115	-1.02238	1.39675	2.86764	1.82496	1
cg24717294	TMEM179B;TAF6L	0.324242	0.185737	1.77521	1.77521	0.563565	1.31577	1.31577	0.0220047	1.45452	1.45452	0.64222	0.77257	1.179	0.49388	0.761589	-1.3564	0.668201	1.12427	1.12427	0.181479	0.598388	-1.67138	0.0189836	0.629306	0.795888	-1.25646	0.44868	1.49365	1.39668	1.37868	0.875853	1.10261	1
cg04568355	CORO6	0.324243	0.304308	1.27096	1.27096	0.648208	0.901646	-1.10908	0.545896	1.14769	1.14769	0.443622	1.19248	1.19248	0.616533	1.12052	1.12052	0.0693235	0.632454	-1.58114	0.164409	0.7158	-1.39704	0.65537	1.10655	1.10655	0.23668	1.32239	1.32239	1.39668	1.12368	0.715145	1
cg26323797	HS2ST1B10;HS2ST1B10	0.324249	0.33068	0.782369	-1.28173	0.539759	0.697359	-1.43405	0.533492	1.51448	1.51448	0.674268	0.982016	-1.01859	0.941228	0.911596	-1.0972	0.888516	1.08856	1.08856	0.0888	0.812288	-1.23084	0.0756	0.882722	-1.13306	0.0748448	0.825855	1.21067	1.21067	1.39666	0.81848	0.742887	1
cg11387619	TUBB	0.324251	0.0716857	1.715045	-1.39851	0.316032	0.841225	-1.18874	0.255719	0.820461	-1.21883	0.813292	0.961308	-1.04025	0.163834	0.28121	-3.55735	0.374497	1.1642	1.1642	0.741522	0.946291	-1.05676	0.833229	0.965444	-1.03579	0.3329	1.18127	1.18127	1.39666	0.615314	0.391611	1
cg11332953	DKK3;DKK3;DKK3	0.324252	0.571281	0.749147	-1.33485	0.0331183	3.51669	3.51669	0.334527	1.65271	1.65271	0.177727	0.485282	-2.06056	0.75461	0.85361	-1.17149	0.654099	0.796384	-1.25568	0.485962	1.42958	1.42958	0.714127	1.20409	1.20409	0.646854	0.792267	-1.2622	1.39665	5.63671	3.58744	1
cg05623343	AXIN1;;AXIN1	0.324254	0.267784	1.59291	1.59291	0.715712	3.308	3.308	0.816753	1.19814	1.19814	0.529599	0.962052	-1.03934	0.844984	0.955099	-1.04644	0.915958	1.02375	1.02375	0.237449	1.64693	1.64693	0.460012	1.34937	1.34937	0.539557	1.28466	1.28466	1.39664	1.50792	2.28989	1
cg03347287	DEAF

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	f(Error
cg26401851	FAR1	0.324567	0.245471	1.43403	1.42403	0.623864	1.15373	1.15373	0.706333	1.11568	1.11568	0.870196	0.956994	-1.04494	0.0320743	0.4693	-2.13083	0.549944	0.893956	-1.19139	0.92811	0.974258	-1.02642	0.2260227	0.6996673	-1.43539	0.4218887	0.788308	-1.26854	1.43377	1.8565	1.0071	
cg10490202	RPTOR;RPTOR	0.324571	0.860814	0.95507	-1.04704	0.3763682	1.88072	1.88072	0.293882	1.33001	1.33001	0.580931	0.864118	-1.15725	0.649934	1.12714	1.12714	0.64662	0.88611	-1.12853	0.0663197	1.71508	1.715 08	0.629343	1.13586	1.13586	0.907034	1.03107	1.03107	1.39576	1.51669	0.965902	1
ch.2.3753920R	ZCSH15	0.324571	0.0513111	0.320157	-3.12347	0.862265	1.09322	1.09322	0.100018	0.396519	-2.52195	0.486406	0.695589	-1.43763	0.187748	0.48845	-2.04729	0.0824229	0.372528	-2.68436	0.3111166	0.5839984	-1.71237	0.717742	0.8310006	-1.20481	0.8384657	0.900528	-1.11046	1.39576	5.82369	3.70881	1
cg06136185	LOC388428;AATK	0.324579	0.737525	0.8802	-1.13611	0.366385	1.42201	1.42201	0.165876	0.753172	1.753172	0.5914 47	1.22821	1.228821	0.296401	1.50795	1.50795	0.722213	0.873345	-1.14502	0.1110 56	0.513752	-1.9321	0.356817	0.6979902	-1.43268	0.16342	1.758 23	1.758 23	1.39574	1.183 72	2.0263	1
cg26097504	C15orf57;C15orf57;C15orf57	0.324589	0.794564	1.03557	1.03557	0.873937	0.978959	-1.02149	0.390904	1.12495	1.401354	0.891329	-1.12192	0.123468	1.25041	1.25041	0.470468	0.906347	-1.10333	0.930015	0.780749	-1.28082	0.13741	0.8071 24	-1.23897	0.91955	0.01362	0.11063	1.01362	1.39571	0.396515	0.252529	1
cg02881430	FAH	0.324594	0.689426	0.779719	-1.28251	0.133684	1.72356	2.72356	0.196518	2.329096	2.329096	0.520812	1.668239	-1.49652	0.67961	0.7731 67	-1.29335	0.578946	0.706658	-1.41511	0.0545022	0.258917	-3.86224	0.672833	1.300092	1.300092	0.643562	0.749205	-1.34459	1.3957	8.48077	5.40121	1
cg16941568	HCCA2;DUSP8	0.324616	0.515351	1.47497	1.47497	0.02306	4.95857	4.95857	0.0884519	3.0264	3.0264	0.615501	1.34763	1.34763	0.999577	1.00031	1.00031	0.324605	1.82088	1.82088	0.2881 92	1.91485	1.91485	0.284927	1.92398	1.92398	0.984215	0.988412	-1.01172	1.39564	7.67253	4.88667	1
cg07075117	NMNAT2;NMNAT2	0.324618	0.974807	1.00581	1.00581	0.209068	0.797376	-1.25443	0.393187	1.11915	1.11915	0.641954	0.906876	-1.10269	0.340126	1.2278	1.2278	0.188965	0.747876	-1.33712	0.1738 03	1.34726	1.34726	0.672568	1.09279	1.09279	0.068644	1.53027	1.53027	1.39563	0.963215	0.613478	1
cg16613854	ENOX2;ENOX2	0.324624	0.440521	0.798426	-1.25246	0.121537	0.618543	-1.6167	0.137973	0.664872	-1.50405	0.336774	1.32784	1.32784	0.111162	0.968564	-1.03246	0.568614	1.1928	1.17928	0.104523	1.66164	1.66164	0.628311	1.14982	1.14982	0.495836	0.820447	-1.21885	1.39562	1.83033	1.15303	1
cg07422042	LOC150197	0.324625	0.994009	0.996618	-1.00339	0.952937	1.02699	1.02699	0.429319	0.694836	-1.43919	0.456457	0.710174	-1.4081	0.574212	1.29198	1.29198	0.141674	2.04025	2.04025	0.0735397	2.46035	2.46035	0.545709	1.31776	1.31776	0.150368	0.498735	-2.00507	1.39561	4.50097	2.86674	1
cg05313076	ARHGAP12	0.324626	0.771016	0.863393	-1.15813	0.827795	1.08106	1.08106	0.154	0.782167	0.523758	-1.90928	0.221637	0.523758	-1.90928	0.221637	0.523758	1.16509	-1.02092	0.3703 95	0.6293324	1.1552	1.1552	0.370395	0.6293324	1.1552	0.370395	0.6293324	1.1552	1.39561	5.601484	3.553967	1
cg11143061	PROC	0.324638	0.168822	0.295848	-3.38012	0.844771	0.849727	-1.17685	0.798462	0.80852	-1.23683	0.943581	0.942901	-1.06056	0.0452007	0.148269	-6.74449	0.25646	0.373828	-2.67503	0.0610365	0.173123	-5.77623	0.233014	0.353871	-2.82589	0.31861	0.424748	-2.35433	1.39558	15.2525	9.71482	1
cg02508844	TRAPPC1;TRAPPC1;CNTROB;TRAPPC1;C NTROB;TRAPPC1;TRAPPC1;TRAPPC1	0.324641	0.965517	0.979161	-1.02081	0.746028	0.857033	-1.16682	0.5601	1.32414	1.32414	0.557988	0.754042	-1.32619	0.6543082	1.23951	1.23951	0.515509	0.730377	-1.36916	0.0142506	0.236816	-4.22268	0.756011	1.16012	1.160192	0.560595	1.32366	1.32366	1.39557	5.01843	3.19643	1
cg10116209	KNCN	0.324645	0.159175	0.755631	-1.32364	0.30042	0.826722	-1.2095	0.40541	0.854004	-1.17029	0.313258	1.0404	1.0404	0.834237	1.0961	1.0961	0.301901	1.21922	1.21922	0.1553865	1.32551	1.32551	0.305647	0.720646	-1.38766	0.713387	1.07077	1.07077	1.39556	0.759289	0.483622	1
cg10101109	ERP29;ERP29	0.324645	0.297243	0.65665	-1.52288	0.141219	0.540185	-1.85122	0.401501	1.39683	1.39683	0.838719	0.923745	-1.08255	0.641063	1.20051	1.20051	0.168363	0.564773	-1.77062	0.587127	1.23787	1.23787	0.0891962	2.07406	2.07406	0.983797	0.992127	-1.00794	1.39556	3.34827	2.13265	1
cg26992213	CD3C;CD3C	0.324649	0.444729	1.5062	1.2621	0.108667	0.58424	-1.71163	0.713603	0.895744	-1.11639	0.37926	1.3092	1.3092	0.612571	0.858536	-1.15477	0.997186	0.998947	-1.00105	0.9983797	1.83944	1.83944	0.256002	0.70216	-1.42418	0.986319	0.994892	-1.00513	1.39556	1.97175	1.25589	1
cg04110364	FOXL2;C1orf72	0.324649	0.500534	2.2026	2.2026	0.203507	0.676124	-1.47902	0.3013 63	0.731945	-1.36622	0.480846	0.813448	-1.23238	0.0479787	1.9322	1.9322	0.554466	0.840005	-1.19047	0.8778156	1.04614	1.04614	0.898429	1.03794	1.03794	0.267344	0.713948	-1.40066	1.39555	1.87932	1.19703	1
cg19023589	TMCO3	0.324655	0.251905	0.660631	-1.5137	0.908651	0.961025	-1.04056	0.66678	1.16187	1.16187	0.560542	0.81559	-1.22611	0.0805849	0.511085	-1.95662	0.406707	0.745291	-1.34176	0.1177 77	0.5552 53	-1.80098	0.489304	1.27542	1.27542	0.0849493	0.516965	-1.93437	1.39554	2.65147	1.68885	1
cg00441098	SLC25A45;SLC25A45	0.324658	0.853284	0.893539	-1.11916	0.432809	1.02111	1.02111	0.842152	1.02364	-1.42262	0.833585	0.829327	-1.13851	0.393516	1.17422	1.17422	0.827761	0.870109	-1.14928	0.220799	0.442628	-2.25924	0.945824	2.02027	2.61927	0.950495	1.03903	1.03903	1.39553	8.404021	5.35298	1
cg17780992	TYHDC1;YTHDC1;YTHDC1;YTHDC1 HNRNPK;HNRNPK;HNRNPK;RMI1;HNRN	0.324666	0.530577	0.717283	-1.39415	0.2487	1.87889	1.87889	0.063706	2.93583	2.93583	0.408928	1.555445	1.555445	0.952448	1.03168	1.03168	0.794014	0.872086	1.14668	?	?	?	0.243	1.89467	1.89467	0.0926649	2.63222	2.63222	1.39437	5.37051	3.85157	1
cg13884470	PK	0.324663	0.109754	1.36094	1.36094	0.0566543	1.46426	1.46426	0.114667	1.35426	1.35426	0.122873	1.34376	1.34376	0.763831	0.05471	1.05471	0.97801	1.00488	1.00488	0.704618	1.06964	1.06964	0.264647	1.22814	1.22814	0.219471	1.2564	1.2564	1.39551	0.6905646	0.439853	1
cg00928230	C12orf26;CCDC59;CCDC59	0.324668	0.627629	0.93254	-1.07234	0.0205903	1.48959	1.48959	0.797215	1.03748	1.03748	0.707373	0.947544	-1.05536	0.341783	1.15023	1.15023	0.913058	0.984516	-1.01573	0.696079	1.05769	1.05769	0.633528	1.07104	1.07104	0.124174	1.26856	1.26856	1.39549	0.451223	0.287415	1
cg06083001	CTPS	0.324668	0.60183	1.07925	1.07925	0.373707	0.83124	-1.20293	0.183008	1.03556	1.03556	0.433218	1.3705	1.3705	0.0238403	1.65625	1.65625	0.963935	-1.03763	0.8422	0.2114666	1.45506	1.45506	0.0390583	1.24	1.24	0.0358583	0.922503	-1.08397	1.39548	2.01041	1.51607	1
cg09284949	SHANK1	0.324671	0.0782507	15.3113	15.3113	0.242852	1.49934	1.49934	0.882657	1.22875	1.22875	0.379784	3.513643	3.513643	0.808143	1.40398	1.40398	0.26184	5.11373	5.11373	0.264012	0.19713	-5.0728	0.0785636	15.2581	15.2581	0.361893	3.69564	3.69564	1.39549	42.9947	27.3865	1
cg09004241	B3GNT7	0.324673	0.0332709	0.248886	1.35736	0.164557	1.12124	1.17062	0.0813	0.853792	1.11496	1.11496	0.0799328	0.853792	1.11496	1.11496	0.0799328	0.192756	0.517112	-1.9343	0.0312132	0.1059 58	-1.10958	0.0799328	0.901238	1.09541	0.0799328	0.738645	-1.35383	1.39547	5.32156	3.32604	1
cg14657876	NAV2;NAV2;NAV2	0.324686	0.51675	1.64553	1.64552	0.0438344	1.64644	0.449233	0.0299	0.631639	0.684771	1.70437	1.70437	0.528496	1.62224	1.62224	0.385831	1.9612	1.9612	0.35859	0.209	0.268449	0.268449	0.058929	0.51126	1.51126	0.195444	0.12686	0.8089	1
cg13104508	ARID1B;ARID1B;ARID1B	0.324689	0.586159	1.16521	1.16521	0.704023	1.112	1.112	0.0845303	1.70011	1.70011	0.732222	1.10024	1.10024	0.125537	0.630572	-1.58586	0.67714	1.12352	1.12352	0.0851857	1.69782	1.69782	0.62981	1.14463	1.14463	0.535904	0.840001	-1.19048	1.39544	1.70974	1.0891	1
cg10503992	TRIM62	0.324691	0.91496	1.0344	1.0344	0.842201	1.14138	1.14138	0.225135	1.34549	1.34549	0.737095	1.34549	1.34549	0.737095	1.34549	1.34549	0.879421	1.12859	1.12859	0.3116719	1.79562	1.79562	0.288489	0.442571	1.25256	0.260045	0.196074	-1.26727	1.3954	13.3018	8.79193	1
cg03228386	DLL1	0.324716	0.808802	0.90019	-1.11088	0.0788637	0.428941	-2.33112	0.843194	1.08958	1.08958	0.993108	1.00375	0.581634	1.27301	1.27301	0.765081	1.13881	1.13881	0.0478831	2.6674	2.6674	0.836283	0.914156	-1.0939	0.299869	0.627505	1.59361	1.59361	1.39536	4.15772	2.6486	1
cg20503155	ANKRD40	0.324717	0.104088	0.8492	-1.17756	0.0439256	0.809326	-1.23566	0.160707	0.844897	0.809326	-1.23566	0.160707	0.844897	0.809326	-1.23566	0.160707	0.028882	0.844393	1.18405	0.1650205	0.603098	1.65798	0.0382985	1.4706	1.4706	0.0154804	0.1096	1.1096	1.17116	1.16412	0.0982	0.0198624	0.0154804	0.1096	1.17116	1.16412	0.0982	0.0198624	0.0154804	1.39536	4.13732	2.64861	1
cg19790935	ZNF445	0.324719	0.209081	0.569138	-1.75704	0.50755	1.33134	1.33134	0.423086	1.45667	1.41667	0.103303	2.13507	2.13507	0.188209	1.81043	1.81043	0.547492	1.29579	1.29579	0.45813	1.37935	1.37935	0.410232	0.698733	-1.43116	0.260716	0.606924	-1.64765	1.39535	4.00465	2.5511	1
cg11837309	ZNF692;ZNF692	0.324722	0.674879	1.16675	1.16675	0.087735	1.91165	1.91165	0.048723	2.27715	2.27715	0.159255	1.7331	1.7331	0.199154	1.64166	1.64166	0.3885	1.38138	1.38138	0.731128	0.13439	0.13439	0.115116	1.88447	1.88447	0.32716	1.44741	1.44741	1.39535	2.95324	1.88132	1
cg15370815	NPAT;ATXN1;NPAT	0.324723	0.915763	1.09144	1.09144	0.598947	1.34269	1.34269	0.140238	1.24943	1.24943	0.676762	0.972268	1.29489	0.561227	1.29489	1.29489	0.288852	1.841439	1.841439	0.16762	0.676572	-1.06796	0.561227	0.974744	0.995048	-1.00498	0.631268	1.07855	1.07855	1.39535	0.543347	0.346133	1
cg02229993	FAM73B	0.324729	0.279901	0.590223	-1.69428	0.549793	1.32848	1.32848	0.360638	0.643312	-1.55444	0.210061	1.85894	1.85894	0.105933	0.436532	-2.29078	0.824437	1.10992	1.10992	0.231249	0.55465	-1.80294	0.133045	0.467333	-2.1398	0.837288	1.10133	1.10133	1.39532	4.86884	3.10169	1
cg07984380	PLCH2	0.324732	0.626545	0.693935	-1.44156	0.135395	0.297675	-3.35936	0.659252	0.198816	-5.02978	?	?	?	?	0.17396	5.63642	-2.97248	0.722358	0.766687	-1.3044	0.304337	3.2653	0.906883	1.091	1.091	0.560551	0.644853	-1.55074	1.41153	0.927	0.6176	1
cg26962778	PCDHGA4;PCDHGA2;PCDHGB2;PCDHG A1;PCDHGB1;PCDHGA3;PCDHGB2	0.324744	0.541152	1.45671	1.45671	0.224617	2.17206	2.17206	0.172815	2.41626	2.41626	0.282187	1.97307	1.97307	0.0362381	1.82743	1.82743	0.928103	0.946597	-1.05642	0.197824	2.23813	2.23813	0.0219976	5.31565	5.31565	0.359471	1.77351	1.77351	1.39533	8.17383	5.3201	1
cg19706602	MGMT	0.324748	0.395675	1.34847	-1.17859	0.230189	0.783164	-1.26455	0.302775	0.819734	-1.21898	0.386154	1.996539	1.203047	0.288305	1.23511	1.23511	0.341836	0.831094	-1.20323	0.1866152	0.826313	-1.07976	0.0414817	1.55911	1.55911	0.527243	1.12863	1.12863	1.39527	0.788526	0.502348	1
cg04784475	ZNF781;ZNF781	0.324754	0.307279	1.30626	1.30626	0.847955	0.952637	-1.04972	0.657161	1.11954	1.11954	0.750916	1.08383	1.08383	0.449668	0.823054	-1.21499	0.813029	1.06173	1.06173	0.0446618	0.558378	-1.7909	0.545351	1.48478	1.48478	0.392045	0.801182	-1.24816	1.39525	1.41209	0.899613	1
cg04175109	PID1;C2;PID1;C2	0.324763	0.459123	1.3049	1.3049	0.373707	0.83124	-1.20293	0.183008	1.03556	1.03556	0.433218	1.3705	1.3705	0.0238403	1.65625	1.65625	0.963935	-1.03763	0.8422	0.2114666	1.45506	1.45506	0.0390583	1.24	1.24	0.0358583	0.922503	-1.08397	1.39524	2.01041	1.51607	1
cg06911744	PRDM16;PRDM16	0.324768	0.249397	0.449571	-2.22434	0.0341225	0.193596	-5.1654	0.733987	0.800149	-1.24977	0.497814	1.57944	1.57944	0.09868	0.300443	-3.32842	0.291926	0.483747	-2.06719	0.752304	1.234	1.234	0.914127	0.930871	-1.07426	0.640936	0.73203	-1.36606	1.39521	9.74536	6.20875	1
cg07609182	TNS3	0.324768	0.788383	0.938112	-1.06546	-1.05147	0.121224	0.707803	-1.36817	0.634854	0.914461	-1.09336	0.929434	1.01481	0.0197407	0.808605	0.685231	-1.45936	0.192776	0.517112	-1.9343	0.0312132	0.1059 58	-1.10958	0.0799328	0.901238	1.09541	0.0799328	0.738645	-1.35383	1.39517	5.32156	3.32604	1
cg21874832	FAM173B;FAM173B	0.324769	0.00566642	0.657765	-1.5203	0.04977	1.48068	0.851535	0.0149	0.734094	0.820567	-1.21867	0.458974	0.734094	0.820567	-1.21867	0.458974	0.91651	0.97671	-1.02385	0.254499	1.30495	1.30495	0.568323	0.878457	-1.13836	0.548818	0.872554	-1.14606	1.39521	1.91397	1.70086	1
cg02010127	SNX29	0.324769	0.142675	0.444795	-2.24823	0.0787602	0.36649	-2.72859	0.0709915	0.354475	-2.82107	0.418696	0.653856	-1.52939	0.182822	0.48344	-2.06851	0.447227	0.671491	-1.48922	0.32004	0.5896	-1.69607	0.518912	1.39964	1.39964	0.93263	0.957459	-1.04443	1.39521	5.84167	3.72172	1
cg10157125	HES3	0.324773	0.847543	0.970802	-1.03019	0.615644	1.18516	1.18516	0.0954	0.719545	1.19417	0.153299	1.79562	1.79562	0.280489	0.442171	2.26256	0.452509	0.79529	-1.25729	0.485698	0.590898	-1.69234	0.774452	1.23761	1.23761	0.659292	0.7166	-1.39548	1.39521	1.39548	0.792621	0.505248	1
cg20817853	SCARNA16;C17orf80	0.324778	0.523178	1.20032	1.20032	0.665203	0.884387	-1.13073	0.0334034	0.495865	-2.01668	0.775366	1.08408	1.08408	0.43524	1.25188	1.25188	0.16719	1.51515	1.51515	0.859083	1.05143	1.05143	0.742905	0.911302	-1.09733	0.364632	1.30066	1.30066	1.39518	1.75954	1.12103	1
cg20858224	GMCL1	0.324781	0.213228	0.582791	-1.45825	0.0509376	0.824119	-1.21342	0.600944	0.859614	-1.16331	0.579152	1.1742	1.1742	0.627565	1.15043	1.15043	0.415801	1.26921	1.26921	0.746849	0.911982	-1.09651	0.702992	1.33907	1.33907	0.0342704	0.492658	-2.0298	1.39517	1.54545	1.16606	1
cg18024358	MEGF6	0.324786	0.778537	0.878059	-1.14004	0.490814	1.37886	1.37886	0.0807484	1.76641	1.76641	0.463069	0.709717	-1.40901	0.0606836	0.370047	-2.63819	0.452509	0.79529	-1.25729	0.485698	0.590898	-1.69234	0.774452	1.23761	1.23761	0.659292	0.7166	-1.39548	1.39517	1.39548	0.792621	0.505248	1
cg11548059	TRERF1	0.324787	0.239633	0.545406	-2.19584	0.0279597	0.190366	-5.25303	0.164399	0.38765	-2.57965	0.774247	1.20166	1.20166	0.191199	0.413126	-2.42057	0.281615	0.489294	-2.04376	0.252494	0.466014	-2.14586	0.321273	0.795461	-1.25713	0.940237	0.953232	-1.04906	1.39516	0.91639	0.74454	1
cg16877004	ZFHX4	0.324789	0.359894	1.12009	1.12009	0.554424	1.39247	1.39247	0.27553	0.734566	1.39247	0.27553	0.734566	1.39699	0.0812	0.599699	-1.66743	0.215796	1.66736	1.66736	0.0845898	2.58035	2.58035	0.0498503	2.59369	2.59369	0.0498503	2.59369	2.59369	1.39515	2.39878	1.59687	1
cg09093186	NCRNA00171	0.324794	0.56466	0.845176	-1.18319	0.236889	1.4305	1.4305	0.171002	0.656299	-1.52369	0.692036	1.12189	1.12189	0.533816	0.833556	-1.19968	0.0455556	0.5156	-1.93949	0.456879	0.8034	-1.24471	0.392257	1.28817	1.28817	0.652275	0.877176	-1.14002	1.39514	1.84429	1.17506	1
cg16737735	MIS12;MIS12	0.324808	0.183038	0.838212	-1.19302	0.164634	1.30341	1.30341	0.299143	1.4648	1.14698	0.9058	0.985321	-1.0149	0.824494	1.02863	1.02863	0.449823	1.08953	1.08953	0.0622646	0.7693986	-1.29974	0.660776	0.94983	-1.05016	0.766177	1.03795	1.03795	1.39513	0.944761	0.219661	1
cg18797053	DNAJB12;DNAJB12	0.324805	0.65928	0.948995	-1.05375	0.399895	0.903322	-1.10702	0.81858	1.02748	1.02748	0.902243	0.998885	-1.00115	0.142617	0.830324	1.20435	0.0810532	0.795944	-1.25637	0.0304217	0.740691	-1.35009	0.506262	0.923513	-1.08282	0.840704	0.976535	-1.02403	1.39511	1.307596	0.195983	1
cg10615711	EHMT1;EHMT1	0.324821	0.980717	1.00732	1.00732	0.868724	1.05117	1.05117	0.181005	0.651489	-1.53494	0.250859	1.43618	1.43618	0.160652	0.636266	-1.57167	0.43764	0.787508	-1.26983	0.209913	1.48984	1.48984	0.891482	0.959652	-1.04204	0.114529	0.595794	-1.67843	1.3951	2.01131	1.2815	1
cg24139843	CEBPD;CEBPD	0.324841	0.867543	0.97308	-1.02792	0.606043	1.70722	1.70722	0.402	0.707264	1.70722	0.402	0.707264	1.70722	0.402	0.707264	1.70722	0.860336	-1.16234	0.169899	0.787268	1.27021	1.27021	0.0967	1.59743	1.59743	0.166125	-1.09155	0.173382	0.728785	1.24103	1.39509	1.26751	0.210186	0.594438	0.376836	1
cg07529428	PTPRO;PTPRO;PTPRO;PTPRO;PTPRO;PT PRO	0.324816	0.918679	0.962167	-1.03932	0.537046	0.789738	-1.26624	0.619574	0.827784	-1.20804	0.406575	1.37801	1.37801	0.762163	0.891696	-1.12146	0.649082	0.841129	-1.18888	0.038936	2.46595	2.46595	0.976559	0.988965	-1.01116	0.100055	0.506349	-1.97492	1.39508	3.15123	2.00783	1
cg13132204	ELMOD2	0.324817	0.379624	0.865722	-1.1551	0.676457	1.06945	1.06945	0.0466079	1.43986	1.43986	0.152835	0.782748	-1.27755	0.828381	0.965685	-1.03534	0.988647	0.997726	-1.00228	0.544642	0.906565	-1.10306	0.290991	1.91961	1.91961	0.464202	1.12658	1.12658	1.39508	0.565499	0.360314	1
cg01725872	C22orf9	0.324818	0.126226	0.32465	3.32465	0.470296	1.70466	1.70466	0.371668	0.513722	-1.96458	0.275954	2.2618	2.2618	0.195613	2.70169	2.70169	0.282119	2.25161	2.25161	0.861462	1.16486	1.16486	0.114802	1.47309	1.47309	0.39508	1.15609	1.15609	0.74235	1.39508	1.65009	0.742353	1
cg12669271	EXT1	0.324818	0.208189	0.774154	-1.29134	0.376955	0.618424	-1.61703	0.182184	0.738124	-1.35477	0.251733	1.28729	1.28729	0.127292	0.778201	-1.28542	0.156536	0.885805	1.12906	0.2258138	0.58035	0.58035	0.0497	1.72246	1.72246	0.0498503	2.59369	2.59369	1.39506	3.39286	2.39878	1
cg10393548	UNC50	0.324819	0.73867	0.867654	-1.15253	0.108478	0.475981	-2.10093	0.777848	0.886986	-1.12741	0.450002	0.721533	-1.38594	0.48242	1.35351	1.35351	0.705196	0.849388	-1.17732	0.0945112	0.4587 34	-2.17991	0.173276	0.540974	-1.84852	0.0636211	0.413044	-2.42105	1.39508	3.97219	2.53093	1
cg27354635	IQGAP2	0.324825	0.953741	0.975687	-1.02493	0.884619	0.854564	-1.17026	0.354338	1.94425	1.94425	0.499251	1.33777	1.33777	0.0727371	0.624581	-1.60183	0.711044	1.11702	1.11702	0.460237	0.3758	0.3758	0.0499	2.66027	2.66027	0.0498503	2.59369	2.59369	1.39505	3.10706	2.53419	1
cg01507580	ERC2	0.324825	0.542228	0.853337	-1.17187	0.1318 18	0.658246	-1.51919	0.216 34	0.715717	-1.3972	0.765256	0.925907	-1.08002	0.955822	0.985859	-1.01434	0.754824	0.922622	-1.08387	0.0438833	1.81381	1.81381	0.469505	0.827641	-1.20825	0.538113	0.851922	-1.17382	1.39506	1.46028	0.930448	1
cg01335566	CHD5	0.324835	0.447943	0.865575	-1.1553	0.246785	1.25366	1.25366	0.483148	1.14228	1.14228	0.365597	0.840703	-1.18948	0.410522	0.854627	-1.1701	0.290225	0.814738	-1.22739	0.0699361	1.45973	1.45973	0.32421	1.2091	1.2091	0.574841	1.11159	1.11159	1.39503	0.7698802

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1047 vs. N)	p-value|105T vs. N)	Fold-Change(105T vs. N)	p-value|111T vs. N)	Fold-Change(111T vs. N)	p-value|112T vs. N)	Fold-Change(112T vs. N)	p-value|121T vs. N)	Fold-Change(121T vs. N)	p-value|123T vs. N)	Fold-Change(123T vs. N)	p-value|124T vs. N)	Fold-Change(124T vs. N)	p-value|125T vs. N)	Fold-Change(125T vs. N)	p-value|126T vs. N)	Fold-Change(126T vs. N)	p-value|127T vs. N)	Fold-Change(127T vs. N)	p-value|128T vs. N)	Fold-Change(128T vs. N)	p-value|129T vs. N)	Fold-Change(129T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg11032707	LOC145663;GATM	0.32511	0.790384	0.889698	-1.12905	0.736886	1.16477	-1.16477	0.085708	2.37565	2.37565	0.311489	1.60787	1.60787	0.65002	0.81999	-1.21953	0.345173	0.642153	-1.55726	0.719711	1.1784	1.1784	0.826324	1.10529	1.10529	0.0409582	2.92895	0.39426	4.58286	2.92172	1
cg13488078	CLU;CLU;CLU	0.32519	0.0723997	0.2968087	-3.3692	0.764801	1.19936	1.19936	0.710797	0.797997	-1.25334	0.284764	0.5100077	-1.96049	0.148951	0.391504	2.55425	0.502472	0.662092	-1.51036	0.0741114	0.29944	-3.33957	0.101627	0.337628	-2.96184	0.423076	0.609116	-1.64172	1.39424	8.10566	5.16771	1
cg16682903	ACVR1;ACVR1	0.325121	0.267734	0.379065	-2.63807	0.7752895	0.189179	-5.28043	0.0825853	0.198808	-5.02998	0.426675	0.505624	-1.97775	0.131505	0.254613	-3.92753	0.558005	0.607878	-1.64507	0.0775041	0.192282	-5.20069	0.373543	0.464163	-2.15442	0.9949129	0.994675	-1.00535	1.39423	15.5892	9.93884	1
cg20938359	SLC6A12;SLC6A12;SLC6A12	0.325129	0.315182	0.384538	-2.60052	0.451367	2.02612	2.02612	0.767941	0.76164	-1.31296	0.304137	0.375561	-2.66268	0.264481	0.342924	-2.9161	0.324573	0.393976	-2.55117	0.774123	0.160193	-6.24245	0.0626825	0.145514	-6.87217	0.217941	0.303426	-3.29569	1.39421	18.698	11.921	1
cg12832174	CCM2;CCM2;CCM2;CCM2	0.325135	0.918259	0.961298	-1.04026	0.4081	0.722281	-1.3845	0.607839	1.2202	1.2202	0.597806	2.26303	2.26303	0.17455	1.79601	1.79601	0.580504	0.806842	-1.2394	0.785381	1.11066	1.11066	0.706932	1.1563	1.1563	0.146799	5.0495	-1.81983	1.3942	3.26439	2.08125	1
cg19739578	ZNF219	0.325136	0.340055	0.719342	-1.39016	0.146199	0.592977	-1.68641	0.0405496	0.452759	-2.20868	0.134081	0.581993	-1.71823	0.916359	0.965417	-1.03582	0.139188	0.586704	-1.70444	0.985367	1.00616	1.00616	0.200573	0.635761	-1.57292	0.606264	0.840142	-1.19027	1.39419	2.47843	1.58016	1
cg13642249	SUGT1P1;NFX1;NFX1;NFX1	0.325141	0.708518	1.09714	1.09714	0.782223	1.0708	1.0708	0.0320029	1.85939	1.85939	0.125585	1.50565	1.50565	0.190727	1.40782	1.40782	0.653637	1.11796	1.11796	0.8827719	1.60685	1.60685	0.307264	1.09761	1.09761	0.8312295	1.05341	1.05341	1.39418	1.34568	0.857967	1
cg16012388	BCC1	0.325143	0.0211462	0.471427	-2.12122	0.678807	0.949246	-1.11951	0.9154456	1.02922	1.02922	0.870194	0.956607	-1.04536	0.8013138	0.934489	-1.0701	0.2420077	0.717398	-1.39393	0.512638	1.19737	1.19737	0.965411	0.779039	-1.28394	0.167867	0.671185	-1.4899	1.39417	1.62475	1.0359	1
cg19771025	ADAMTS17	0.325146	0.989817	1.00262	1.002622	0.682688	1.0878	1.0878	0.476892	0.862352	-1.15962	0.414995	0.847701	-1.18807	0.548303	0.813324	1.13244	0.877201	1.03217	1.03217	0.0172898	1.81071	1.81071	0.62823	1.04902	-1.10507	0.569138	0.895125	-1.11716	1.39417	0.925728	0.590223	1
cg16136141	ENKUR;TNNS1	0.325147	0.133898	0.447785	-2.23322	0.859214	1.09114	1.09114	0.747831	0.853392	-1.17179	0.688105	0.820055	-1.21943	0.183428	0.496744	-2.01311	0.0743564	0.370348	-2.70017	0.405869	0.657588	-1.52071	0.351564	1.60482	1.60482	0.31159	1.673	1.673	1.43203	5.35749	2.90981	1
cg22874960	NDE1;NDE1;KIAA0430	0.325147	0.048241	0.736669	-1.35851	0.397572	0.936312	-1.06818	0.0382158	0.709515	1.40685	0.0382158	0.709515	1.40685	0.0382158	0.709515	1.40685	0.0392059	0.7851	-1.27389	0.364724	1.05963	1.05963	0.2032	1.11947	1.11947	0.840381	1.02768	1.02768	1.39416	0.4048831	0.258112	1
cg25660405	AASDH	0.325147	0.137711	0.836494	-1.19547	0.556316	0.80672	1.06872	0.736247	1.03848	1.03848	0.585242	0.765121	-1.30698	0.215634	0.864541	-1.15668	0.9516	1.0068	1.0068	0.621047	1.05724	1.05724	0.977797	1.00311	1.00311	0.517748	1.07599	1.07599	1.39416	0.2754444	0.175618	1
cg26442199	B9D7	0.325161	0.871002	0.915473	-1.09253	0.356463	1.07613	1.67413	0.272636	1.85982	1.85982	0.963613	1.02509	1.02509	0.9507059	0.315169	-3.1731	0.636352	1.80194	1.80194	0.566551	1.37003	1.37003	0.553891	1.67541	1.67541	0.26163	0.329332	-1.88917	1.39412	6.53047	4.15743	1
cg08617683	FBRSL1	0.325161	0.569111	0.667797	-1.51194	0.519002	1.59835	1.59835	0.519273	0.679202	-1.47232	0.0626364	0.222482	-4.49474	0.0969564	0.270657	-3.69471	0.595798	1.46821	1.46821	0.750726	1.25448	1.25448	0.108344	0.28463	-3.51333	0.904785	0.910738	1.08964	1.39411	11.3621	7.24452	1
cg13606892	BCAN;BCAN	0.325169	0.719573	0.823927	-1.2137	0.450298	0.661154	-1.51168	0.698337	0.811221	-1.23271	0.848116	1.10849	1.10849	0.4913581	0.902128	1.11232	0.458594	0.666099	-1.49993	0.141565	0.429873	-2.32627	0.208553	0.21843	0.21843	0.449481	0.661002	-1.51285	1.3941	6.37156	4.06255	1
cg03368870	SHCBP1	0.325171	0.650468	0.819432	-1.4961	0.729199	0.936447	-1.06787	0.878305	1.02937	1.02937	0.574275	0.893307	1.12332	0.174599	1.31367	1.31367	0.0195381	1.70439	1.70439	0.396424	1.17831	1.17831	0.848016	1.03691	1.03691	0.593664	1.10813	1.10813	1.3941	0.798167	0.502555	1
cg19513282	PRC28S	0.32518	0.312406	0.542396	-1.84367	0.206061	0.458008	-2.18337	0.631862	1.32657	1.32657	0.841032	0.889079	-1.12476	0.12401	0.377128	-2.65162	0.208395	0.460043	-2.17371	0.0456915	0.261522	-3.82377	0.233488	0.481287	-2.07776	0.825638	1.13788	1.13788	1.39407	7.56719	4.825	1
cg24455832	SQLE;SQLE	0.325183	0.450692	0.794319	-1.31993	0.123959	1.68567	1.88567	0.100792	1.98267	1.98267	0.176842	1.72041	1.72041	0.949966	0.024318	1.02418	0.111909	1.91502	1.91502	0.261779	1.56132	1.56132	0.248512	1.58291	1.58291	0.358501	1.43259	1.43259	1.39405	3.20035	2.04065	1
cg00427847	SULF2;SULF2;SULF2	0.325192	0.0452616	0.512947	-1.94952	0.0563377	0.534081	-1.87238	0.208083	0.675371	-1.48067	0.752509	1.09627	1.09627	0.812559	0.91033	-1.07145	0.782816	1.08359	1.08359	0.657292	1.12998	1.12998	0.659455	0.871711	-1.13751	0.745449	0.909697	-1.09927	1.39404	1.36375	1.1884	1
cg03143441	HIPK2;HIPK2	0.325192	0.451471	1.18035	1.18035	0.8811201	1.51885	1.51885	0.783865	1.06122	1.06122	0.95547	1.01214	1.01214	0.749297	1.07175	1.07175	0.609719	1.1177	1.1177	0.0231261	1.79853	1.79853	0.512544	0.866279	-1.15436	0.949996	1.01365	1.01365	1.39404	1.03133	0.657613	1
cg22163130	FAM19A2	0.325196	0.213549	0.423361	-1.98851	0.249752	0.963612	-1.03781	0.8503	1.02812	1.02812	0.722255	1.14202	1.14202	0.2491	1.5078	1.5078	0.0329059	1.93575	1.93575	0.0227139	1.70441	1.70441	0.317737	0.865189	-1.44678	0.564556	1.14015	1.14015	1.39403	3.08363	1.96625	1
cg27379442	CHRNE;C17orf107	0.325197	0.418323	0.829563	-1.20545	0.245133	1.31611	1.31611	0.109975	0.674605	-1.48235	0.492138	1.17073	1.17073	0.407669	0.901067	-1.1098	0.62947	0.809577	-1.1161	0.0824017	1.15445	1.15445	0.424733	0.831782	-1.20224	0.741127	1.07778	1.07778	1.39402	0.1270026	0.718658	1
cg18452756	COL	0.325198	0.194004	0.734757	-1.36204	0.146104	0.748481	-1.33632	0.154882	0.693583	-1.44179	0.0555356	0.888771	-1.12263	0.229436	0.74398	-1.3443	0.366039	1.24315	1.24315	0.0851284	1.40211	1.40211	0.0679305	0.926643	-1.07916	0.512027	1.16885	1.16885	1.39402	1.1025	0.738426	1
cg00161482	OSGIN2;OSGIN2 FGFR1;FGFR1;FGFR1;FGFR1;FGF1	0.325204	0.497935	1.39611	1.39612	0.774997	1.14912	1.14912	0.781792	0.87401	-1.14415	0.578751	0.761854	-1.31259	0.53016	1.36128	1.36128	0.218272	0.533627	-1.87397	0.043268	0.30801	0.30801	0.186821	1.97117	1.97117	0.281476	1.72092	1.72092	1.39401	5.19301	3.31133	1
cg01866148	R1;FGFR1	0.325206	0.725179	1.08438	1.08438	0.445126	0.836039	-1.19561	0.351702	1.2406	1.2406	0.273506	0.967685	-1.29895	0.47752	1.18029	1.18029	0.132398	0.688868	-1.45166	0.129643	1.45616	1.45616	0.187058	1.37847	1.37847	0.883729	1.03277	1.03277	1.394	1.16312	0.741668	1
cg18641478	RPL18AP3;RPL18A	0.325209	0.0426411	0.628887	-1.59011	0.174474	1.33249	1.33249	0.518328	0.87798	-1.13898	0.970424	1.0074	1.0074	0.237056	0.781789	-1.27912	0.921565	1.01976	1.01976	0.997702	0.999428	-1.00057	0.38958	1.24414	1.24414	0.782712	0.946544	-1.05648	1.39399	0.871867	0.555952	1
cg08058187	HCCA2;CTSD	0.325215	0.21306	0.487439	-2.05113	0.259191	1.35593	1.35593	0.102381	1.44821	1.44821	0.164846	1.03005	1.03005	0.950704	0.113883	1.11883	0.219489	1.18134	1.18134	0.198342	0.831999	-1.20192	0.506864	0.720317	-1.38798	0.0953199	0.507355	1.09527	1.09527	1.39398	0.404132	0.257701	1
cg26944526	CBorf34	0.325215	0.44926	1.32926	1.32926	0.26133	1.54096	1.54096	0.392501	0.723717	-1.38176	0.783045	0.90313	-1.10726	0.938198	1.02904	1.02904	0.675971	1.16785	1.16785	0.807591	1.25061	1.25061	0.290481	0.92401	-1.08234	0.983706	1.08196	1.08196	1.39397	1.00827	1.91827	1
cg10484676	ITGA1;ITGA3;ITGA3;ITGA3	0.32522	0.0475275	0.712393	-1.40372	0.529472	1.1	1.1	0.355024	1.15299	1.15299	0.460493	0.893664	-1.11899	0.665963	1.06714	1.06714	0.589242	0.921677	-1.08498	0.457889	1.11975	1.11975	0.160166	0.798901	-1.25172	0.516644	1.10339	1.10339	1.39396	0.494238	0.315161	1
cg00345440	ZDHHC1	0.325225	0.165061	0.473439	-2.11345	0.26477	1.23809	1.23809	0.0437253	2.22001	2.22001	0.0437253	2.22001	2.22001	0.0437253	2.22001	2.22001	0.231836	1.99806	1.99806	0.0424204	2.01274	2.01274	0.278117	1.86361	1.86361	0.356071	1.68872	1.68872	1.39395	6.72634	4.28924	1
cg27540367	TGFB1	0.325237	0.662775	1.12334	1.12334	0.458475	1.22152	1.22152	0.224291	0.712938	-1.40265	0.506346	0.836341	-1.19568	0.442276	1.2308	1.2308	0.324559	1.30952	1.30952	0.117766	1.56871	1.56871	0.353197	1.28815	1.28815	0.137533	0.654477	-1.52794	1.39391	0.15503	0.98908	1
cg24689061	SOBCS2	0.325239	0.0550204	0.687158	-1.45538	0.257357	0.727267	1.0835	0.7227	0.9855	1.0835	0.7227	0.9855	1.0835	0.7227	0.9855	1.0835	0.791727	1.20002	1.20002	0.560788	0.823165	1.02435	0.483884	0.228615	-4.35512	0.162249	0.596833	-1.67553	1.39391	0.94308	0.508082	1
cg00180220	YTHDF3	0.325241	0.22143	0.845926	-1.18214	0.263721	1.16378	1.16378	0.417917	1.1379	1.1379	0.380403	0.889472	-1.12426	0.981573	1.00301	1.00301	0.57144	1.0773	1.0773	0.160525	0.8227	-1.21551	0.376597	0.888587	-1.12538	0.127753	1.23909	1.23909	1.3939	0.3741651	0.238602	1
cg19671201	PPP2R5B	0.325243	0.463792	1.18076	1.18076	0.826277	1.0502	1.0502	0.18016	0.733824	-1.36458	0.424272	0.833739	-1.19942	674	0.910032	-1.09886	0.202006	0.740684	-1.3501	0.0746101	0.642397	-1.55667	0.25156	0.76573	-1.30594	0.0832315	0.652259	-1.53313	1.3939	1.09611	0.698988	1
cg21541833	LOC200726	0.325252	?	?	?	0.0407223	0.66339	0.66339	0.424949	1.2355	1.2355	?	?	?	?	?	?	?	?	?	0.679305	1.47137	?	?	1.47137	0.672134	1.88189	-1.70013	0.938563	1.07417	1.07417	1.41659	0.51525	10.3894	1
cg04677326	C19orf28;C19orf28;C19orf28 SNORD116-20;SNORD116-	0.325256	0.321469	0.870295	-1.14904	0.872013	1.02211	1.02211	0.389785	0.88734	-1.12696	?	?	?	0.276693	1.16585	1.16585	0.0401196	0.724928	-1.37945	0.253251	0.851211	-1.1748	0.869868	1.02249	1.02249	0.80849	1.03348	1.03348	1.39267	0.3606556	0.258666	1
cg04099434	19;SNORD116-17	0.325261	0.148745	0.382416	-2.61495	0.884869	0.913995	-1.0941	0.397426	1.71226	1.71226	0.147652	0.381283	-2.62272	0.215807	0.445502	-2.24466	0.861301	0.897138	-1.11466	0.232839	0.460012	-2.17386	0.471165	1.57612	1.57612	0.0965507	0.322252	-3.10317	1.39385	8.50451	5.42353	1
cg00209038	LHCGR	0.325269	0.243117	0.42014	0.42014	0.357455	3.04081	3.04081	0.54295	2.06192	2.06192	0.420546	2.6301	2.6301	0.204139	4.82987	4.82987	0.170921	0.54752	0.54752	0.3402	0.315028	-3.17432	0.054535	12.9766	12.9766	0.177642	5.3844	5.3844	1.39383	30.4844	19.4409	1
cg05884551	SYTL2	0.325277	0.640901	1.30427	1.30427	0.726276	1.33733	1.33733	0.242726	1.36947	1.36947	0.119482	0.795681	1.25626	0.180519	1.25626	1.25626	0.731584	1.10741	1.10741	0.21984	1.26476	1.26476	0.21584	0.735143	1.0774	1.0774	0.160525	0.8227	-1.21551	0.376597	1.7939	1.7939	0.413195	1.20167	1.20167	0.976832	1.39382	1.06455	0.62749	1
cg19029181	ZIC1	0.325271	0.146841	0.126529	-7.90336	0.952852	0.108167	0.108167	0.070251	0.600818	-1.6644	0.903606	0.851413	-1.17452	0.0700769	0.067959	14.7147	0.350335	0.27906	-3.58346	0.89594	0.840511	-1.18974	0.992456	1.01263	1.01263	0.0339988	0.036865	-27.126	1.39382	38.9139	24.8168	1
cg08151705	SLFN13	0.325278	0.0401703	0.517253	-1.93227	0.154558	1.39747	1.39747	0.242701	1.44121	1.44121	0.212704	0.87951	-1.13708	0.881734	1.13611	1.13611	0.0439151	1.66302	1.66302	0.479337	0.602101	-1.66102	0.479337	0.602101	-1.66102	0.479337	0.602101	-1.66102	1.39381	1.58591	1.01405	1
cg17330303	SFN;SFN	0.325278	0.956842	1.03671	1.03671	0.982057	0.985132	-1.01509	0.256122	2.2025	2.2025	0.631886	1.37921	1.37921	0.0731838	0.264226	-3.78464	0.983057	0.985955	-1.01425	0.0678775	0.90479	0.90479	0.294526	0.26304	0.26304	0.911329	0.928483	-1.07703	1.3938	9.79423	6.24622	1
cg14047548	SUNH	0.325288	0.884911	1.04302	1.04302	0.732709	0.827431	1.1445	0.2966	0.668382	-1.49615	0.995125	1.00238	1.00238	0.0324101	0.543719	-1.83919	0.843904	1.05633	1.05633	0.5107	1.59327	1.59327	0.360148	0.771124	-1.29681	0.641277	1.05696	1.05696	1.39379	1.63475	1.02445	1
cg10163167	TKN2	0.325283	0.13861	0.2705019	-3.62242	0.932528	1.06993	1.06993	0.650469	0.947251	-1.05567	0.479977	1.27784	1.27784	0.344228	1.17125	1.17125	0.178408	1.62468	1.62468	0.16426	0.298231	3.35	0.0.168186	0.306123	3.26666	1.42984	12.554	7.68249	1
cg24048372	C5orf36;C5orf36;ANKRD32	0.325283	0.115479	0.628322	-1.59154	0.778841	1.07946	1.07946	0.355749	1.29431	1.29431	0.764719	0.921722	-1.08493	0.256269	0.724835	-1.37962	0.582591	1.16269	1.16269	0.0380557	0.52047	-1.92134	0.701847	0.900811	-1.11011	0.786125	0.928799	-1.07666	1.39378	1.628	1.03826	1
cg16546424	SNAP25;SNAP25;SNAP25;SNAP25	0.325286	0.242516	0.879321	-1.13724	0.420583	1.08308	1.08308	0.0903	1.09757	1.09757	0.916263	1.09575	1.09575	0.908653	1.098004	-1.01214	0.910358	1.09826	1.09826	0.0418	0.988228	-1.01191	0.870109	1.14928	1.14928	0.0569993	0.797338	-1.25417	0.795284	1.09097	1.09097	1.09097	1.39378	-1.21063	1.0978	0.244041	0.155639	1
cg06273557	SPRS13B	0.325296	0.0702661	0.43652	0.43652	0.315542	1.02762	1.02762	0.274974	2.16925	2.16925	0.0923626	3.57584	3.57584	0.815727	0.853645	1.17145	0.229949	2.36293	2.36293	0.466925	0.604714	-1.65367	0.236279	2.33276	2.33276	0.868182	0.893526	-1.11916	1.43159	10.193	5.53784	1
cg04505291	ZNF421	0.325296	0.95359	0.977366	-1.02316	0.505889	1.14115	1.14115	0.354411	0.689591	-1.44991	0.334613	0.676092	-1.47909	0.0746394	0.457836	-2.18419	0.815005	0.911934	-1.09659	0.0861955	2.108	2.108	0.481204	0.754564	-1.3253	0.809565	0.909212	-1.09985	1.39375	0.29178	0.219488	1
cg11848563	FOXD3	0.325296	0.394335	0.858997	-1.16495	0.570584	1.1051	1.1051	0.170903	0.810935	-1.23349	0.485245	0.51611	-1.93931	0.0303033	0.822742	-1.21567	0.545632	1.12152	1.12152	0.0793861	0.712123	-1.40425	0.719389	0.94562	1.06492	0.0866685	1.30086	1.30086	1.39376	0.67096	0.427917	1
cg00235043	RASSF6;RASSF6	0.325297	0.173933	0.354976	-2.81709	0.752706	0.797468	-1.25397	0.363965	0.512744	-1.95029	0.440645	0.569474	-1.75601	0.129936	0.309975	-3.22607	0.799938	0.83748	-1.1994	0.213066	0.359016	-2.78393	0.0867	0.559116	-1.78892	0.0255718	0.687367	1.33597	1.33597	0.0938583	1.39377	1.33997	1.39375	1.11363	7.21719	1
cg13752113	EZH2;EZH2	0.325303	0.661322	1.08438	1.08438	0.445126	0.836039	-1.19561	0.351702	1.2406	1.2406	0.273506	0.967685	-1.29895	0.47752	1.18029	1.18029	0.132398	0.688868	-1.45166	0.129643	1.45616	1.45616	0.187058	1.37847	1.37847	0.883729	1.03277	1.03277	1.394	1.16312	0.741668	1
cg13898548	PDLIM7;PDLIM7;PDLIM7	0.325303	0.21484	0.805088	-1.2421	0.395128	0.865361	-1.15559	0.0295887	1.53005	1.53005	0.892128	1.02278	1.02278	0.396192	0.865656	-1.15519	0.786272	1.04616	1.04616	0.809778	0.96075	-1.04085	0.978431	1.0045	1.0045	0.415956	1.14803	1.14803	1.39373	0.6085658	0.388131	1
cg12347480	MYO18A;MYO18A RNF121;UC.100133315;RNF121;RNF12	0.325309	0.952561	0.969947	-1.03098	0.457337	1.23738	1.23738	0.100039	2.52009	2.52009	0.597806	1.31398	1.31398	0.271218	0.555715	-1.79948	0.827841	1.11818	1.11818	0.244982	1.86594	1.86594	0.90575	0.94101	-1.06269	0.782635	0.867755	-1.1524	1.39371	5.80674	3.70345	1
cg05492270	;RNF121	0.32531	0.860066	0.929483	-1.07587	0.0272615	2.95269	2.95269	0.0845542	2.20481	2.20481	0.458849	1.36694	1.36694	0.240468	1.66413	1.66413	0.270356	1.60901	1.60901	0.913673	0.956055	-1.04596	0.587593	1.25473	1.25473	0.868114	1.0713	1.0713	1.39371	3.7909	2.41778	1
cg14438208	CD300E;CD300E	0.325312	0.616583	0.884222	-1.13074	0.307584	0.545213	-1.83447	0.0955702	0.485053	-2.07018	0.0500501	0.186407	-5.36201	0.0577313	0.466252	-2.14402	0.0870949	1.14928	1.14928	0.0569763	0.797338	-1.25417	0.795284	1.09097	1.09097	1.09097	1.39369	-1.21063	1.0978	0.244041	0.155639	1
cg04640194	STAT2	0.325316	0.922937	1.02337	1.02337	0.146474	1.4508	1.4508	0.404995	0.815941	-1.22558	0.891291	0.967881	-1.03376	0.830946	1.05237	1.05237	0.287703	1.30152	1.30152	0.0505279	0.587402	-1.70241	0.829113	1.05296	1.05296	0.289633	1.30005	1.30005	1.39369	1.25811	0.802412	1
cg04367680	CBorf84	0.325316	0.688304	1.09744	1.09744	0.695805	1.14416	1.14416	0.0844	1.16442	1.16442	0.447561	1.19666	1.19666	0.0188487	0.51093	-1.95697	0.944043	1.08113	1.08113	0.0718289	1.28923	1.28923	0.0618497	1.08289	1.08289	0.0743	0.97471	-1.02595	0.784273	0.94116	0.727791	1
cg01555764	MYT1	0.325318	0.432909	0.800885	-1.24862	0.965822	0.988182	-1.01196	0.14781	1.5385	1.5385	0.36956	1.29133	1.29133	0.60638	0.865715	-1.15511	0.809886	0.935319	-1.06915	0.250244	0.716521	-1.39563	0.0578882	0.551637	-1.81279	0.483819	1.21825	1.21825	1.39369	1.69908	1.08367	1
cg04250930	ADORA2A	0.325323	0.512074	0.840424	-1.18988	0.242736	1.37661	1.37661	0.53683	0.849158	-1.17764	0.512364	0.840527	-1.18973	0.801096	1.06823	1.06823	0.171105	1.46376	1.46376	0.109707	1.57759	1.57759	0.145378	0.664459	-1.50498	0.570112	1.16189	1.16189	1.39366	1.50879	0.96232	1
cg13689073	LARP1	0.325334	0.0557799	0.625624	-1.59863	0.174233	1.42415	1.42415	0.17789	0.644174	-1.55207	0.0459337	0.188925	-5.29395	0.0216755	0.443102	-2.25677	0.0910158	1.13819	1.13819	0.0355908	1.33597	1.33597	0.0938583	1.1236	1.1236	0.0938583	1.39377	1.33997	1.39375	1.11363	7.21719	1
cg14196303	KDM4C;KDM4C;KDM4C;KDM4C	0.325341	0.239707	0.689645	-1.45002	0.681436	0.882869	-1.13267	0.140066	1.61471	1.61471	0.102828	1.71372	1.71372	0.413827	0.777138	-1.28677	0.510146	0.817393	-1.2234	0.974643	0.990453	-1.00964	0.217879	1.47879	1.47879	0.417707	1.28397	1.28397	1.39363	2.01064	1.28243	1
cg04528060	ARL8	0.325359	0.0908259	0.612389	-1.63284	0.643281	1.33912	1.33912	0.922464	0.866112	-1.15458	0.110003	0.713795	1.40107	0.0139729	0.533537	-1.87437	0.822631	0.774931	1.3987	0.674145	0.502055	-1.99181	0.0796108	0.345655	-2.89152	0.149914	0.610455	-1.63862	1.39362	49.3068	31.4401	1
cg26320372	LOH3CR2A UGT1A

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09718515	DOCK4	0.325581	0.820545	0.912113	-1.09636	0.580089	0.797514	-1.2539	0.469617	0.742413	-1.94696	0.253788	0.616557	1.61657	0.637152	0.725483	-1.37839	0.497087	0.756431	-1.322	0.108109	2.03384	0.103386	0.068496	2.28348	0.284938	0.584039	1.2502	1.2502	1.39294	3.61631	2.30771	1
cg03338924	PHACTR1	0.325601	0.89507	1.04289	1.04289	0.588953	1.18961	1.18961	0.666951	1.14774	1.14774	0.159853	1.61283	1.61283	0.432184	0.774818	1.29063	0.113877	0.578429	-1.72882	0.265237	0.69106	-1.44705	0.471798	0.792193	-1.26232	0.151624	1.63059	1.63059	1.3929	2.23463	1.42604	1
cg24625240	RPUSD4;RPUSD4;FAM118B	0.325604	0.751722	0.954183	-1.04802	0.316285	1.16544	1.16544	0.788368	0.961023	-1.04056	0.393605	1.13784	1.13784	0.8941	0.980512	-1.01988	0.990261	1.00181	1.00181	0.590239	0.922811	-1.08365	0.667882	1.06586	1.06586	0.014695	1.55862	1.55862	1.39289	0.481703	0.307403	1
cg22841359	RUVBL1	0.325605	0.965421	0.985287	-1.01493	0.936278	0.972239	-1.02051	0.09995$8	0.830094	-1.88646	0.532806	0.249312	1.249712	0.739757	0.880325	-1.12454	0.328816	0.701266	-1.42509	0.063102	0.479146	-2.08705	0.750931	0.899933	-1.11865	0.069562	0.489026	-2.04488	1.39289	2.73405	1.74533	1
cg01337515	C21orf29	0.325607	0.516265	0.837479	-1.19406	0.36488	1.28518	1.28518	0.0552322	1.796614	1.796614	0.316619	0.871796	-1.14706	0.748786	0.91706	-1.09044	0.095994	0.611015	-1.63662	0.701587	1.10932	0.10373	0.832029	-1.20188	0.574439	0.858225	-1.1652	1.39289	1.60195	1.0223	1
cg00934313	PARD6A;ACD;ACD;PARD6A;ACD	0.325617	0.910715	0.928014	1.07707	0.0698848	4.27547	4.27547	0.0281393	6.44435	6.44435	0.925122	1.06971	1.06971	0.877956	0.859569	-1.11645	0.839918	0.865042	-1.15601	0.886268	1.10803	1.10803	0.680804	0.750079	-1.33319	0.655839	0.725039	-1.37924	1.39288	11.3348	7.23348	1
cg02894226	ITPA;ITPA FLJ31306;FLJ31306;ARID4A;ARID4A;ARI	0.325613	0.605149	0.91518	-1.09268	0.288802	1.20579	1.20579	0.998153	1.00039	1.00039	0.125328	0.754325	-1.32569	0.081797	1.38785	1.38785	0.312503	0.83732	-1.19429	0.832855	0.964722	-1.03657	0.344104	0.847368	-1.18012	0.369077	0.854898	-1.16973	1.39287	0.637119	0.40659	1
cg20996579	DAA	0.325613	0.542332	0.879736	-1.1367	0.410824	0.839489	-1.19092	0.750507	0.0997142	0.687415	-1.45473	0.352973	1.21964	1.21964	0.375632	1.20792	1.20792	0.26855	0.787092	-1.2705	0.107165	1.44017	1.44017	0.826963	1.04653	1.04653	1.39287	0.952137	0.607626	1
ch.4.2065340F	CCDC109B	0.325616	0.207687	0.658893	-1.5177	0.492528	0.80342	-1.24468	0.154553	1.61368	1.61368	0.156777	0.621516	-1.60897	0.637226	0.861426	-1.16087	0.072409	0.532834	-1.87676	0.511386	0.812093	-1.23139	0.733616	1.11323	1.11323	0.78241	1.09083	1.09083	1.39286	2.17535	1.38825	1
cg16285946	UNC84A;UNC84A	0.325624	0.243097	0.88077	1.13566	0.407343	1.09343	1.09343	0.0744154	1.80974	1.80974	0.274831	0.814292	-1.30245	0.060377	1.53837	1.53837	0.382362	0.627739	-1.59302	0.561643	0.737112	-1.35665	0.303213	1.68574	1.68574	0.931594	0.956358	1.40561	0.9284	5.95921	1.80308	1
cg01960300	PDZK1	0.325633	0.984479	0.987506	-1.01265	0.0561201	0.04794	0.04794	0.358989	1.8397	1.8397	0.178123	0.396625	-2.52127	0.416001	0.584321	-1.71139	0.202997	0.419551	-2.3835	0.566646	0.14504	0.14504	0.7153	1.26714	1.26714	0.851477	1.12879	1.12879	1.39281	9.21457	5.88071	1
cg07607047	CHMP2B	0.325639	0.71059	0.953103	-1.07156	0.126823	0.726167	-1.08339	0.516805	0.885234	-1.12966	0.680202	1.07991	1.07991	0.0253814	0.610577	-1.63779	0.250113	0.80018	-1.24972	0.197049	0.776502	-1.28782	0.909208	0.992887	-1.00756	0.84464	0.973477	-1.02725	1.3928	0.794886	0.484524	1
cg24405046	PNMA2	0.325648	0.178253	1.95502	1.95502	0.259266	0.576013	-1.73607	0.757638	0.864956	-1.15613	0.793661	1.13073	1.13073	0.0387783	0.602509	-1.66009	0.880177	0.93174	-1.07526	0.866018	1.08236	1.08236	0.296284	1.66127	1.66127	0.76856	1.14832	1.14832	1.39277	4.8458	3.09266	1
cg09248482	ATRNL1;ATRNL1	0.325649	0.358005	0.720196	-1.38851	0.156606	1.69242	1.69242	0.0636284	2.062651	2.062651	0.199724	0.624727	-1.6007	0.979427	0.991086	-1.00899	0.469798	0.774647	-1.29091	0.879331	0.948613	-1.05417	0.767816	0.902302	-1.10828	0.440898	1.31378	1.31378	1.39277	2.65982	1.69754	1
cg10550416	CRIM1	0.325652	0.675266	0.884354	-1.13066	0.27091	0.360436	-2.76583	0.585152	1.727857	-1.37382	0.739131	0.820927	-1.21844	0.012848	0.749007	-1.33482	0.334614	0.540233	-1.85046	0.332486	0.316576	0.09797$7	0.809914	0.280914	0.870199	1.02087	1.02087	1.39276	1.14169	0.553797	1
cg15028160	PPIA3;C15orf73;PPIA3	0.325652	0.863045	0.898304	-1.11321	0.653973	0.32348	1.32348	0.207536	2.28311	2.28311	0.498906	0.652856	-1.53173	0.711075	0.793653	-1.26	0.037487$4	0.447928	0.447928	0.41815	0.598152	-1.67182	0.169248	2.48349	2.48349	0.600631	1.38833	1.38833	1.39276	8.51091	5.43183	1
cg09493190	CD96;CD96	0.325656	0.0940631	0.271237	-3.68017	0.54335	0.645394	-1.54896	0.701108	0.760190	-1.31353	0.0757222	0.246827	-4.05142	0.151161	0.344753	-2.90063	0.865469	0.886916	-1.1275	0.0700559	0.239543	-4.17451	0.159946	0.345247	-2.89548	0.429284	0.564933	-1.77012	1.39274	11.0483	7.05136	1
cg07187280	TOR1AIP1	0.325664	0.854574	0.92063	1.09263	0.763919	0.15654	1.15654	0.392056	1.527214	1.527212	0.337042	1.55814	1.55814	0.585237	1.30485	1.30485	0.420502	0.627586	-1.48779	0.0285175	0.287116	-1.44291	0.996255	0.997736	-1.00227	0.288264	1.70287	1.70287	1.39273	5.14235	3.28203	1
cg10162522	KCNH5;KCNH5;KCNH5	0.325666	0.18128	0.81195	-1.2316	0.618525	1.07647	1.07647	0.182335	1.23091	1.23091	0.861345	1.02599	1.02599	0.557924	0.916697	-1.09087	0.620913	1.07592	1.07592	0.258522	0.841099	-1.18892	0.930835	1.01282	1.01282	0.0613913	1.36254	1.36254	1.39272	0.475237	0.303314	1
cg01386792	DBN1D1	0.325667	0.509241	1.7895	1.7895	0.203934	0.0975$6	-1.10188	0.77171	1.28706	1.28706	0.660665	0.944736	1.44736	0.619358	0.660368	-1.5127	0.543709	0.58639	-1.70555	?	?	0.00839	3.32891	1.25832	0.0352259	0.113203	0.883369	0.424868	1.39272	14.8021	9.06564	1
cg00078746	GPR68	0.325669	0.590815	0.848614	-1.17839	0.123884	1.65527	1.65527	0.0857851	1.7758	1.7758	0.252975	0.911231	-1.09742	0.720989	1.11456	1.11456	0.31473	1.36946	1.36946	0.16063	1.57342	1.57342	0.903234	0.963884	-1.03747	0.25866	0.700169	-1.42823	1.39272	2.0175	1.28765	1
cg15875120	FAM188A	0.325671	0.197721	0.73514	-1.36004	0.139129	1.1031	1.1031	0.0617473	1.25423	1.25423	0.743279	0.946768	-1.05622	0.331302	1.18869	1.18869	0.510618	0.787641	-1.26961	0.414879	0.742197	-1.34735	0.145629	0.57183	-1.74877	0.489926	0.778109	-1.28517	1.39271	2.82266	1.80155	1
cg04555771	CACNA2D2;CACNA2D2	0.325672	0.0803991	0.499688	-2.00125	0.25621	0.153346	1.53346	0.607604	1.20356	1.20356	0.465284	0.766569	-1.30451	0.12288	0.549929	-1.81842	0.510618	0.787641	-1.26961	0.414879	0.742197	-1.34735	0.145629	0.57183	-1.74877	0.489926	0.778109	-1.28517	0.29271	2.82266	1.80155	1
cg26979299	BANP;BANP	0.325676	0.1102	0.312964	-3.19526	0.191818	0.858781	-1.16444	0.742997	1.24552	1.24552	0.640011	0.702801	-1.42288	0.044209	0.213852	-4.67614	0.287313	0.47844	-2.09013	0.683369	0.760605	-1.31474	0.076924	0.269144	-3.71548	0.33784	0.517205	-1.93347	1.39269	9.82137	6.2685	1
cg13887004	ZEB2;ZEB2;ZEB2	0.325678	0.645457	0.8	-1.25	0.503727	0.752809	-1.3282	0.388334	1.34237	1.34237	0.0933$4	0.610502	-1.63802	0.0885	0.739134	-1.35249	0.507964	0.74203	-1.34756	0.380756	0.407984	-2.45043	0.226702	0.0872$4	0.833016	1.00236	1.00236	1.39268	3.85159	2.48457	1
cg08448545	KCNIP2;KCNIP2 FAM104B;FAM104B;FAM104B;FAM104 B;FAM104B;FAM104B;FAM104B;FAM1	0.325684	0.235012	0.658817	-1.51787	0.0222788	0.399154	-2.5053	0.962039	1.01609	1.01609	0.889212	0.954345	-1.04784	0.498453	0.794216	-1.2591	0.215508	0.645928	-1.54816	0.188191	0.626561	-1.59601	0.26353	0.659791	-1.51563	0.942638	1.02442	1.02442	1.39267	2.47935	1.58247	1
cg25766534	04B;FAM104B	0.325684	0.0912266	0.27415	-3.64764	0.65093	1.37284	1.37284	0.444026	1.72093	1.72093	0.317331	2.05259	2.05259	0.430864	0.571593	-1.7495	0.0907826	0.273566	-3.65543	0.463832	1.67986	1.67986	0.826972	0.858736	-1.1645	0.453797	1.70039	1.70039	1.39267	10.6748	6.81333	1
cg08552290	C19orf34;CSNK1G2	0.325688	0.381594	0.691718	-1.44568	0.0969587	2.11332	2.11332	0.336848	1.50185	1.50185	0.617245	1.22991	1.22991	0.192043	0.567121	-1.76329	0.41431	0.709821	-1.40881	0.196544	0.75073	0.75073	-1.75214	0.997631	0.998781	-1.00122	0.32451	0.658436	-1.51875	1.39266	3.72077	2.37484	1
cg06578629	RPS6KB1;TUBD1;RPS6KB1	0.325689	0.0687942	0.5	-2	0.0470508	1.34241	1.34241	0.0603748	1.34179	1.34179	0.0623678	1.6304	1.6304	0.0273597	0.601351	-1.66272	0.0996354	0.607294	-1.64602	0.0873479	0.0911$4	-1.14483	0.0873$7	0.0191826	-1.08736	0.274507	0.83107	-1.20197	1.39266	0.577739	0.368529	1
cg23281156	C6orf155	0.325694	0.573727	0.799342	-1.25103	0.21738	0.599698	-1.6675	0.709284	0.862815	-1.159	0.945294	1.02741	1.02741	0.107635	0.500673	1.99731	0.144246	0.539008	-1.85526	0.0973426	0.4883	-2.04792	0.845928	0.926213	-1.07967	0.21605	1.67023	1.67023	1.39264	3.42403	2.18547	1
cg10689055	ZNF274;ZNF274;ZNF274	0.325708	0.288597	1.26548	1.26548	0.494693	0.862258	-1.15975	0.649738	1.10265	1.10265	0.890458	1.02989	1.02989	0.886766	1.03091	1.03091	0.91955	1.02183	1.02183	0.054914	1.59365	1.59365	0.459933	0.851462	-1.17445	0.0951488	0.675768	-1.4798	1.39261	1.00747	0.643059	1
cg06534570	HCCA2;LOC338651	0.325716	0.131648	0.7	-1.42857	0.135429	1.31101	1.31101	0.0617473	1.2427	1.2427	0.868724	1.00055	1.00055	0.992354	0.990342	-1.00975	0.46882	0.73052	-1.3691	0.502174	0.860204	1.16227	1.16227	0.0902461	1.3638	1.3638	1.11874	1.01064	0.0966466	1.3638	0.390012	0.090002	1
cg06045799	CDMMD8	0.325717	0.758338	1.10998	1.10998	0.861804	0.942788	-1.06068	0.415067	1.32535	1.32535	0.114226	0.557475	-1.7938	0.894479	0.956121	-1.04589	0.514091	1.25073	1.25073	0.109848	0.554707	-1.80275	0.268164	1.47695	1.47695	0.184027	1.61043	1.61043	1.39258	2.52147	1.60946	1
cg06428425	SIX1	0.325722	0.955641	0.974389	-1.02628	0.202803	0.703868	-1.42072	0.666101	0.868925	-1.14966	0.268465	1.14813	1.14813	0.760447	1.12974	1.12974	0.612006	0.848473	-1.17859	0.0218243	1.23952	1.23952	0.806387	0.754967	-1.32526	0.173484	1.12578	1.12578	1.39257	2.27612	1.46385	1
cg17818184	NIT2	0.325724	0.618806	0.920775	-1.07634	0.210321	1.21362	1.21362	0.168569	1.24008	1.24008	0.345262	1.15323	1.15323	0.599154	1.36524	1.36524	0.586338	0.08392	-1.08392	0.208065	1.22491	1.22491	0.224617	1.20573	1.20573	0.100385	1.30211	1.30211	1.39256	4.74431	0.302835	1
cg23315892	SSPN;SSPN	0.325724	0.123091	0.302392	-3.30696	?	?	?	?	?	?	?	?	?	?	?	?	0.289646	0.486447	-2.05572	?	?	?	?	?	?	?	?	?	1.76759	2.78579	1.57603	1
cg22876160	CYTH2;CYTH2	0.325724	0.949787	0.986669	-1.01359	0.0968503	1.47473	1.47473	0.0644652	1.55698	1.55698	0.474744	0.863437	1.15863	0.329347	0.806884	-1.23933	0.386229	0.99208	-1.00369	0.666428	0.0311706	-1.09684	0.677975	1.03908	1.03908	0.208152	1.32692	1.32692	1.39256	1.00206	0.639614	1
cg15822908	AK2;AK2	0.325725	0.317687	0.763047	-1.31053	0.124876	1.54492	1.54492	0.158492	1.54496	1.54496	0.598171	0.870008	-1.14941	0.377485	0.788908	1.26757	0.593925	1.15131	1.15131	0.0372	0.655786	-1.52489	0.973034	0.991189	-1.00889	0.887497	1.03776	1.03776	1.39256	1.512	0.965126	1
cg02188564	CCDC46	0.325725	0.74976	0.9	-1.11111	0.243236	1.24239	1.24239	0.143093	1.61845	1.61845	0.210063	1.03062	1.03062	0.858204	0.985772	-1.01508	0.574868	0.77082	-1.29707	0.462462	0.879579	-1.1367	0.624602	0.885737	-1.12894	0.450344	1.14853	1.14853	1.39255	0.953828	0.614405	0.390012	1
cg24167975	0HX37	0.325728	0.672793	1.33234	1.33234	0.0685337	1.05805	1.05805	0.703559	1.29461	1.29461	?	?	?	?	?	?	0.538388	1.2626	1.2626	0.883788	1.05627	1.05627	0.720847	0.874326	-1.14374	0.213673	0.612559	-1.6325	1.39246	3.08974	1.97237	1
cg25899024	C2orf76;DB;DB;DB;DB	0.325731	0.138641	0.640348	-1.56165	0.278857	0.779527	-1.25221	0.138809	0.639822	-1.56294	0.489915	1.21666	1.21666	0.84	1.05815	1.05815	0.174717	0.667889	-1.49725	0.0577768	0.548898	-1.82183	0.731854	0.915513	-1.09275	0.429099	0.799535	-1.25073	1.39244	1.72416	1.10065	1
cg10775595	OD24	0.325773	0.162724	0.293313	-3.40933	0.724866	0.747633	-1.33755	0.162245	3.41474	3.41474	0.254885	2.66021	2.66021	0.108295	0.23647	-4.22886	0.727767	0.75044	-1.33325	0.322726	0.431048	-2.31993	0.32997	0.437181	-2.28738	0.841115	0.847725	-1.17963	1.39243	14.9387	9.53648	1
cg06815614	ZFYVE16;ZFYVE16	0.325775	0.415785	1.10495	1.10495	0.740453	1.04069	1.04069	0.675662	0.950764	-1.05179	0.161875	1.19629	1.19629	0.0301891	1.35709	1.35709	0.785782	1.03323	1.03323	0.733223	1.04191	1.04191	0.489563	1.08788	1.08788	0.0785156	1.2647	1.2647	1.39242	0.317511	0.202692	1
cg08585934	CDC14A;CDC14A;CDC14A	0.325779	0.155791	1.35008	1.35008	0.85245	0.611186	1.32008	0.0708108	0.578497	-1.46915	0.0778167	0.985929	1.25929	0.0216692	1.32073	1.32073	0.861111	1.12754	1.12754	0.213876	0.547552	0.67709	-1.47582	0.267071	-1.48595	0.101587	0.295194	0.583676	-1.71332	1.39242	1.37408	0.614407	1
cg14665413	TUR6	0.325781	0.080626	0.128922	-7.75662	0.0514125	0.0958731	-10.4305	0.0830001	0.131422	-7.60907	0.34047	0.353949	-2.82527	0.42167	0.419865	-2.38172	0.386113	0.390886	-2.55829	0.435747	0.431413	-2.31796	0.725845	1.45094	1.45094	0.743278	0.706477	0.147547	1.39241	24.6498	15.736	1
cg10089798	E2F4	0.325781	0.149268	0.666667	-1.34474	0.474289	1.14956	1.14956	0.0812599	1.65038	1.65038	0.0916695	0.976699	-1.02395	0.0716239	1.42693	1.42693	0.791494	0.915469	-1.09218	0.697214	0.918444	-1.08875	0.903209	0.918444	-1.08875	0.903209	1.17666	1.17666	1.39241	1.15434	0.763483	1
cg20403541	RGS12;RGS12;RGS12	0.325781	0.950902	0.968315	-1.03272	0.40774	1.55706	1.55706	0.222875	0.511837	-1.95375	0.624131	0.772412	-1.29465	0.144377	0.440478	2.27026	0.279424	1.80037	1.80037	0.0965433	2.59617	2.59617	0.417243	1.54264	1.54264	0.601692	1.75928	1.75928	1.31703	1.3924	0.02961	3.84921	1
cg18766847	ACMSD	0.325781	0.273521	0.487539	-2.05112	0.950484	0.961605	-1.03993	0.5167	0.660681	-1.51359	0.272338	0.486604	-2.05506	0.887003	0.304872	-3.28007	0.325134	0.527002	-1.89753	0.172045	0.394955	-2.50041	0.754616	0.834995	-1.19761	0.0295876	0.198929	-5.02601	1.3924	8.76458	5.5952	1
cg00006522	NIPA2;NIPA2;NIPA2	0.325794	0.180845	0.710623	-1.40763	0.304673	1.10643	1.10643	0.0961634	1.61574	1.61574	0.30057	0.949178	-1.05357	0.0495785	1.43431	1.43431	0.736713	0.75053	-1.33228	0.241032	0.32871	-3.04187	0.0966$4	0.0191573	-1.12333	0.787172	0.19573	-5.10855	1.3924	0.24201	1.942	1
cg16510127	MEX3A	0.325794	0.453742	1.51936	1.51936	0.026547	4.22521	4.22521	0.0610$6	3.17968	3.17968	0.592604	1.34451	1.34451	0.745255	0.836371	-1.19564	0.492233	1.46564	1.46564	0.449686	1.52532	1.52532	0.455014	1.51751	1.51751	0.921802	0.947606	-1.05529	1.39237	6.62455	4.22911	1
cg20542602	PTPN22;PTPN22;PTPN22	0.325795	0.570434	0.852174	-1.17331	0.691026	0.71824	-1.39253	0.190$4	0.793586	-1.26169	0.607993	0.892862	-1.12099	0.0324684	0.542022	-1.8442	0.266441	0.70961	-1.40926	0.0324684	0.542022	-1.8442	0.266441	0.70961	-1.40926	0.0324684	0.542022	-1.8442	1.39236	1.30194	0.644576	1
cg00480190	KIAA0182;KIAA0182	0.325798	0.282461	1.17418	1.17418	0.852774	1.1379	1.1379	0.27101	2.21866	2.21866	0.336661	1.99144	1.99144	0.138532	0.329928	3.03096	0.374043	1.8861	1.8861	0.0514236	0.67443	0.67443	0.825819	0.857904	-1.16563	0.720061	1.28434	1.28434	1.39236	10.6634	6.80755	1
cg06202094	C10orf131	0.325798	0.649327	0.908623	-1.10057	0.898914	1.02696	1.02696	0.705024	0.923477	-1.08286	0.427009	0.843858	-1.18503	0.256285	1.28152	1.28152	0.909922	1.02197	1.02197	0.167481	1.36069	1.36069	0.283152	1.26292	1.26292	0.0548201	0.633878	-1.57759	1.39236	0.966275	0.616876	1
cg15315638	PCDH19;PCDH19;PCDH19;PCDH19	0.3258	0.121536	0.7	-1.42857	0.0564	0.0977755	-1.2839	0.0717261	-1.38416	0.16292	1.32073	0.631371	0.281106	1.97	1.97	0.0595167	0.691611	1.44695	1.44695	0.0157	0.0161273	1.23484	1.23484	0.943707	1.23484	0.943707	1.23484	0.943707	1.11137	0.868518	1.20466	1.20466	1.39235	27.8512	17.7804	1
cg09277744	CCND2	0.325804	0.386992	0.839148	-1.19168	0.136071	1.3799	1.3799	0.847912	1.0387	1.0387	0.824122	1.045	1.045	0.428363	0.852225	-1.1734	0.566691	1.12135	1.12135	0.5426	0.885245	-1.12963	0.759736	0.941139	-1.06254	0.0353177	1.62375	1.62375	1.39234	0.862463	0.556608	1
cg26926227	CAMTA1	0.325805	0.0760101	0.482231	-2.07452	0.0562845	0.0760101	-14.2231	0.0562845	0.0562845	-17.7649	0.0562845	0.0562845	-17.7649	0.187132	0.721982	-1.38508	0.184381	0.178514	-5.60211	0.19177	0.949169	1.05246	0.568853	0.854789	1.17025	0.0100033	1.10003	0.408822	0.821155	1.23178	1.3924	0.0809449	0.764899	1
cg01948390	SVIP	0.325805	0.0769352	0.720776	-1.38739	0.768126	0.951976	-1.05045	0.11658	0.752881	-1.32823	0.625848	0.921458	-1.08524	0.369407	1.16585	1.16585	0.977815	0.995382	-1.00464	0.119706	0.754997	-1.32451	0.933576	0.986219	-1.01397	0.362268	1.16709	1.16709	1.39234	0.611076	0.39012	1
cg21170041	GDA;GDA	0.325808	0.269552	0.503243	-1.98711	0.896885	0.925485	-1.08015	0.0861405	1.10331	1.10331	0.704586	0.796529	-1.25545	0.999837	0.999878	-1.00012	0.462262	0.639389	-1.5635	0.621202	1.62062	1.62062	0.0295878	1.19859	1.19859	0.0252127	1.60525	1.60525	1.39233	0.201302	0.130465	1
cg05125558	SEPT5;HS2ST1;HS2ST1;SEPT5	0.325812	0.719417	1.54464	1.54464	0.3443	0.56313	1.51134	0.491923	1.37654	1.37654	0.215455	0.731453	-1.36725	0.249321	1.38645	1.38645	0.115771	0.72839	-1.37283	0.189	0.553575	0.24815	-4.03015	0.0961$4	0.549237	0.74226	0.77586	1.19216	1.39233	0.94539	0.74229	1.39233	1
cg23140620	PAK3;PAK3;PAK3;PAK3;PAK3;PAK3	0.325824	0.237346	2.22287	2.22287	0.79957	0.17842	1.17842	0.899606	1.08485	1.08485	0.22092	0.435894	-2.29414	0.219102	0.434321	-2.30245	0.112593	3.04821	3.04821	0.184696	2.47889	2.47889	0.292095	2.02455	2.02455	0.863769	1.89510$	1.89510$	-1.11719	1.39228	9.18146	5.8618	1
cg16387709	SNORD58A;RPL17;SNORD58B;RPL17	0.325824	0.829153	0.9	-1.11111	0.566647	0.233699	1.23389	0.0138042	1.48808	1.48808	0.519866	0.80879	-1.23639	0.0101536	1.48808	1.48808	0.0242$4	0.0242$4	0.0242$4	0.0242$4	0.0242$4	0.0242$4	0.0242$4	0.0242$4	0.0242$4	0.0242$4	0.0242$4	0.0242$4	1.39228	1.08496	0.0242$4	0.0242$4	0.0242$4	1.39228	1.08496	0.0242$4	0.0242$4	0.0242$4
cg04360334	ASPHD2	0.325825	0.893045	1.1402	1.1402	0.0624528	1.02666	1.02666	0.0392698	0.929912	0.929912	0.964705	1.04224	1.04224	0.610086	0.618262	-1.61744	0.919663	0.09891	-1.09891	0.35903	0.0440557	-2.41512	0.800083	1.26775	1.26775	0.889849	1.13832	1.13832	1.39228	19.2747	12.3057	1
cg01739686	POMGNT1;C1orf190	0.325838

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Proobset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(1577 vs. N)	Fold-Change(1-vs-1577 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg15587975	CACNA1I;CACNA1I		0.326092		0.113717	0.628817	1.59029	0.713586	1.04848	1.04848	0.155851	0.66641	-1.50277	0.874138	1.04366	1.04366	0.399904	0.792712	-1.26149		0.552521	0.850454	-1.17584	0.114432	1.58858	1.58858	0.260847	1.34378	1.34378	0.958527	1.03412	1.03412	1.39354	1.60152	1.02832	1
cg07145398	CYB561;CYB561;CYB561		0.326095		0.711354	1.03789	1.03789	-1.56799	1.06093	1.06093	0.389942	0.915632	-1.09214	0.346186	1.10192	1.10192	0.327022	0.903722	-1.10653		0.724863	1.03599	1.03599	0.030189	0.775908	-1.28881	0.630646	0.952686	-1.04966	0.400003	1.09002	1.09002	1.39154	0.2206603	0.1409717	1
cg11719157	PITPNA		0.326095		0.238572	0.582685	-1.71619	0.0795692	0.426808	-2.34297	0.435278	1.41665	1.41665	0.864046	1.07787	1.07787	0.180541	0.536782	-1.86295		0.377209	0.672689	-1.48657	0.432053	0.7040911	-1.42027	0.0665594	0.406505	-2.45999	0.935353	0.965127	-1.03613	1.39153	4.21936	2.69526	1
cg08393070	HBM		0.326105		0.677518	1.13276	1.13276	0.71314	1.11635	1.11635	0.504695	0.827273	-1.22358	0.895465	0.961574	-1.03996	0.530572	0.827487	-1.20848		0.848387	1.05871	1.05871	0.0712565	0.5485091	-1.82312	0.0448809	1.98616	1.98616	0.938895	0.977407	-1.02312	1.39151	1.95806	1.2508	1
cg23528708	OCT4;SOA		0.326114		0.319974	0.8707	-1.1485	0.0797108	1.29955	1.29955	0.699023	0.15374	1.05374	0.45723	0.903028	-1.10739	0.786179	1.03728	1.03728		0.260955	0.853885	-1.17112	0.403357	0.891176	-1.12211	0.321987	0.871233	-1.1478	0.13327	0.803959	-1.24384	1.39148	0.4000041	0.255549	1
cg13324919	AP1S1		0.326152		0.142533	0.665268	1.50315	0.7440676	1.08839	1.08839	0.397176	1.25127	1.25127	0.847714	1.05097	1.05097	0.139983	0.663266	-1.50769		0.60273	1.69946	1.69946	0.934491	1.02148	1.02148	0.641162	1.12904	1.12904	0.614621	0.876586	-1.14027	1.39147	0.4729	0.941159	1
cg03558537	C6orf173		0.326123		?	?	?	0.233901	5.31882	5.31882	0.11446	0.96588	0.96588	0.823041	1.34981	1.34981	0.139641	0.11899	-8.40405		0.600736	0.493035	-2.02825	0.182075	0.150054	-6.66428	0.815143	0.730779	-1.3684	0.92633	0.88351	-1.13185	1.39021	35.1014	25.2489	1
cg15464112	RNF19A		0.326126		0.376995	0.788472	-1.26828	0.658883	1.21862	1.21862	0.231528	1.38742	1.38742	0.33796	0.771854	-1.29659	0.941884	0.981008	-1.0193		0.315279	0.76169	-1.3128	0.0920194	0.596777	-1.67557	0.0183322	0.942104	-1.06128	0.41904	1.24168	1.24168	1.39145	1.51458	0.967545	1
cg01267065	PSD2		0.326137		0.49616	0.889195	-1.12461	0.0293487	0.564491	-1.54681	0.811494	0.660206	-1.04144	0.157945	0.773693	-1.2925	0.113106	0.74468	-1.34286		0.298686	0.832704	-1.20091	0.245674	0.813536	-1.2292	0.597467	0.913412	-1.0948	0.794027	1.04547	1.04547	1.39145	0.2636564	0.4066511	1
cg00334507	PRRT2		0.326131		0.0997696	0.246809	-4.05172	0.643078	1.43933	1.43933	0.410157	1.92191	1.92191	0.655362	0.705779	-1.41687	0.135559	0.287148	-3.48252		0.370805	0.490255	-2.03976	0.0693718	0.206852	-4.83436	0.879779	1.12457	1.12457	0.389676	0.504722	-1.98129	1.39143	13.2588	8.47011	1
cg09306584	2hf4910;2hf4933;2hf4911		0.326135		0.0864085	1.86142	1.86142	0.705805	1.08719	-1.08719	0.278349	1.20221	1.20221	0.93276	1.03807	1.03807	0.095147	0.878812	-1.1379		0.366165	1.356	1.356	0.0404457	0.460183	-2.17305	0.95847	1.01723	1.01723	0.945874	0.977976	-1.02252	1.39143	2.37107	1.51471	1
cg23743543	B3GALT6		0.326133		0.374738	0.832546	-1.20113	0.0975097	0.693674	1.4416	0.203001	1.31039	1.31039	0.269955	1.30699	1.30699	0.446498	0.855485	-1.16893		0.505378	0.872887	-1.14562	0.20616	1.30767	1.30767	0.945852	1.01376	1.01376	0.855862	1.03725	1.03725	1.39143	0.8917713	0.569654	1
cg12288996	LPP;LPP;LPP		0.326137		0.351342	0.6576933	-1.52047	0.429989	0.703334	1.42418	0.304491	0.628419	1.55913	0.528719	0.756684	-1.32156	0.0389787	0.352091	-2.84041		0.839994	1.09233	1.09233	0.345627	0.699376	1.60976	0.341255	1.53294	1.53294	0.791786	0.892883	-1.11987	1.39142	4.20549	2.68662	1
cg25166062	WDR45		0.32614		0.262685	0.199423	-5.01446	0.016075	0.0171214	-58.4063	0.84752	1.30445	1.30445	0.639253	1.77546	1.77546	0.672074	0.55552	-1.80012		0.249006	0.189461	-5.27812	0.955052	1.08093	1.08093	0.85267	1.29263	1.29263	0.992105	0.986433	-1.01375	1.39141	42.0066	26.8355	1
cg18030453	LARS2		0.326144		0.741633	1.22829	1.22829	0.0312285	4.81154	4.81154	0.0799606	0.34502	0.34502	0.902405	1.07923	1.07923	0.842993	0.884043	-1.13117		0.445057	1.62231	1.62231	0.156415	2.56567	2.56567	0.363852	1.78599	1.78599	0.999001	1.00078	1.00078	1.3914	8.5122	5.43798	1
cg16103088	CA521 NCRNA00188;NCRNA00188;C17orf76;N CRNA00188;NCRNA00188;NCRNA0018		0.326146		0.114665	6.27383	6.27383	0.3220558	2.989	2.989	0.681901	0.643321	-1.55443	0.237856	3.75636	3.75636	0.76355	1.38116	1.38116		0.0780499	8.13108	8.13108	0.126178	5.8771	5.8771	0.592104	1.78408	1.78408	0.0967094	7.04096	7.04096	1.39139	25.2468	16.1289	1
cg10498052	B;NCRNA00188;NCRNA00188;C		0.326151		0.294891	0.633028	-1.57971	0.921035	0.959124	-1.04262	0.296804	1.57665	1.57665	0.226822	0.912613	-1.09575	0.122581	0.494485	-2.02231		0.318033	0.647646	-1.54405	0.0633372	0.41523	-2.40831	0.133981	0.506486	-1.97439	0.627912	0.814181	-1.22823	1.39138	3.90409	2.49414	1
cg06950952	CACNB4;CACNB4;CACNB4;CACNB4		0.326155		0.788861	0.810201	-1.23426	0.0971982	0.239933	-4.16783	0.146341	3.99639	3.99639	0.343599	2.14913	2.14913	0.754873	0.782234	-1.27839		0.198391	0.344425	-2.90339	0.451894	0.548261	-1.82395	0.831708	0.846301	-1.18161	0.272691	2.44794	2.44794	1.39137	13.5505	8.65586	1
cg04421932	C6orf138 PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1		0.326157		0.987875	0.992588	1.00747	0.930755	0.455142	-2.19705	0.108715	-1.08719	0.618273	0.477832	-2.09279	0.854143	1.16933	0.924628	-1.08153		0.51472	1.38191	1.38191	0.689972	1.20924	1.20924	0.194878	0.551021	-1.95687	0.683044	0.817912	-1.22263	1.39136	5.28248	3.37477	1
cg22822867	PLEC1;PLEC1		0.326187		0.535122	0.823371	-1.21452	0.80653	0.926886	-1.07888	0.465028	1.2587	1.2587	0.832633	1.2345	1.2345	0.774937	0.915116	-1.09276		0.13903	1.63676	1.63676	0.0350183	2.13843	2.13843	0.341529	0.738403	-1.35427	0.823673	0.936631	-1.06766	1.39128	2.10975	1.34792	1
cg07013680	SPTBN5;SPTBN5		0.32619		0.0821749	0.529466	-1.8887	0.0417114	0.46061	-2.17103	0.625301	1.17647	1.17647	0.483287	1.26524	1.26524	0.367032	0.736394	-1.35797		0.804101	0.921212	-1.08553	0.873638	1.05396	1.05396	0.681949	0.827789	-1.14575	0.281254	0.690875	-1.44744	1.39127	2.40261	1.53504	1
cg12013817	GRM4		0.326194		0.588898	0.798081	-1.25301	0.063899	2.36531	2.36531	0.110239	2.05349	2.05349	0.796199	0.893694	-1.11895	0.368139	0.682413	-1.46539		0.656147	1.20151	1.20151	0.155059	1.86063	1.86063	0.765403	0.883645	-1.13168	0.780464	0.890022	-1.12243	1.39126	3.76515	2.40559	1
cg03135351	CLIP4		0.326195		0.661013	1.18373	1.18373	0.5539	0.623509	-1.60351	0.537576	0.676216	1.48002	0.893534	1.10655	1.10655	0.977467	0.899353	-1.11206		0.50291	1.24597	1.24597	0.0834757	1.34597	1.34597	0.742547	0.974312	-1.0259	0.882713	1.18519	1.18519	1.39126	1.88673	1.20545	1
cg09359817	CLN3;CLN3;CLN3		0.326201		0.278167	1.1717	1.1717	0.360835	0.876345	-1.1411	0.879002	1.02164	1.02164	0.538755	1.09139	1.09139	0.247712	1.18508	1.18508		0.380202	1.13483	1.13483	0.0455997	0.724629	-1.38002	0.878083	1.0218	1.0218	0.433153	1.11895	1.11895	1.39124	0.435049	0.27796	1
cg10626156	CAMTA1		0.326205		0.458891	1.29242	1.29242	0.92443	1.31804	1.31804	0.953982	1.10245	1.10245	0.0615466	1.59161	1.59161	0.286707	1.31543	1.31543		0.400588	1.30455	1.30455	0.147526	0.607606	-1.6458	0.382907	0.751935	-1.3299	0.686097	0.882207	-1.13353	1.39123	2.01661	1.34404	1
cg15929506	CCDC37		0.326211		0.0918963	0.46141	2.16741	0.934259	1.05676	1.05676	0.819281	0.858022	-1.16547	0.867933	1.1178	1.1178	0.0954095	0.2330005	4.29175		0.636877	0.870181	0.870181	0.28701	0.859129	-1.16397	0.189591	0.533998	2.53398	0.122398	0.86618	0.86618	1.39121	6.30379	4.19871	1
cg20196841	RNF128;RNF128		0.326216		0.496848	0.576754	-1.73184	0.240303	0.367468	-2.72132	0.199183	0.329051	-3.03904	0.519679	0.594437	-1.68226	0.132336	0.259198	-3.85805		?	?	?	0.190738	0.320813	-3.11708	0.049182	0.143414	-6.973	1.54659	1.9008	5.03783	1
cg10900012	DAPK1		0.326219		0.2060638	0.706629	1.41473	0.0686043	1.32183	1.32183	0.257196	1.29972	1.29972	0.13071	1.13071	1.13071	0.647378	0.844049	1.18434	1.12553	1.12553	0.244555	0.886453	-1.12809	0.0227016	0.483127	-2.06985	1.39119	0.1545	1.54747	1.60152	1
cg01453053	TOMM34		0.326223		0.790413	0.898117	-1.11134	0.512894	1.30081	1.30081	0.33112	1.48535	1.48535	0.0391662	0.388342	-2.57505	0.312402	0.660918	-1.51305		0.813454	1.09821	1.09821	0.479118	0.751914	-1.32994	0.428567	1.37752	1.37752	0.31334	1.51175	1.51175	1.39118	3.46042	2.21102	1
cg15490944	FAM100A1		0.326233		0.479783	1.07903	1.07903	0.4273	1.11485	1.11485	0.0853	1.28081	1.28081	0.0184802	1.21702	1.21702	0.0243031	1.11855	1.11855	0.0852407	0.0027	0.1030324	1.25444	0.0454319	0.790731	-1.26465	0.222028	0.90909	1.09909	0.0888103	0.815988	-1.22552	1.39116	3.64558	2.34758	1
cg04688330	SH3PXD2A		0.326238		0.199091	0.645909	-1.54821	0.0987972	1.79149	1.79149	0.167969	1.60175	1.60175	0.723443	0.89185	-1.12126	0.491266	0.798353	1.25258		0.880137	1.04981	1.04981	0.626729	0.853954	-1.17102	0.456219	1.27691	1.27691	0.155339	1.632	1.632	1.39116	2.28631	1.46085	1
cg10775315	HCFC1		0.326231		0.250054	1.34618	1.34618	0.107483	1.54413	1.54413	0.438574	1.21579	1.21579	0.472815	0.834781	-1.19792	0.37613	0.798813	-1.25186		0.0954489	1.57303	1.57303	0.59172	1.14321	1.14321	0.98084	0.994078	-1.00596	0.316025	0.773849	-1.29224	1.39116	1.34762	0.861066	1
cg19942956	ZFAS1;ZFAS1;ZFAS1		0.326234		0.2958217	1.44377	1.44377	0.12884	1.44377	1.44377	0.12884	1.43267	1.43267	0.593102	1.12542	1.12542	0.388398	0.997006	-1.00291		0.96081	1.00936	1.00936	0.168027	1.37874	1.37874	0.0898512	1.50619	1.50619	0.207793	1.53573	1.53573	1.39114	0.35701	0.67558	1
cg36597500	PIBF1;DS3;DIS3;DIS3;DIS3		0.326239		0.160697	0.594288	-1.68269	0.350025	0.720693	-1.38755	0.194534	0.620882	-1.61061	0.631315	0.837799	-1.1936	0.47807	0.778419	-1.28466		0.667836	0.86077	-1.16175	0.0178194	0.36774	-2.71931	0.807422	1.08851	1.08851	0.899203	0.956943	-1.04499	1.39114	2.65745	1.69802	1
cg01540024	C16orf88;IQCK		0.326245		0.0434578	0.849109	1.17756	0.752188	0.852179	-1.17324	0.0779	0.859075	-1.16401	0.0779	0.859075	-1.16401	0.0779	0.859075	-1.16401		0.144082	0.356592	-2.80433	0.0191281	0.107462	0.107462	0.107462

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg07332330	MYO1C;MYO1C;MYO1C	0.326721	0.74175	0.901046	-1.10982	0.232824	0.48321	0.76825	1.09758	1.09758	0.9155	1.02457	0.102455	1.02492	0.616676	1.22448	0.432908	1.28581	0.8618204	0.515453	1.04004	0.385315	1.3229	1.3229	0.12597	1.68488	1.6848	1.3898	2.18536	1.39771	1
cg13900349	PTPRN2;PTPRN2;PTPRN2	0.326723	0.532972	1.58586	1.58586	0.7795252	4.14201	4.14201	0.17813	2.84285	2.84285	0.411805	1.82993	1.82993	0.500572	1.20302	1.20302	1.20302	0.648494	1.39814	1.39814	0.9388889	5.66644	5.66644	0.105475	3.63831	3.63831	0.3550515	2.00328	2.00328	1.3898	1.38	1.73771	7.50683	1
cg12526025	LARGE;LARGE	0.326723	0.0369449	0.801587	-1.24752	0.119848	1.16652	1.16652	0.335351	0.913311	-1.09492	0.946983	0.993949	-1.00609	0.97285	0.996898	-1.00311	0.453096	0.932661	-1.0722	0.899779	1.01157	1.01157	0.506713	1.06342	1.06342	0.9053598	0.989207	-1.01091	1.3898	0.183376	0.117284	1
cg10932427	LNPEP	0.326724	0.195688	0.557245	-1.79453	0.0328861	2.904572	2.904572	0.548493	1.23622	1.23622	0.188101	1.84845	1.84845	0.990573	0.994966	-1.00506	0.601155	1.2528	1.2528	0.286828	1.6042	1.6042	0.97797	1.01087	1.01087	0.823213	1.10034	1.10034	1.3898	4.01938	2.57072	1
cg02920604	MYO1E	0.326727	0.0773132	0.327684	-3.05172	0.0906753	0.346815	-2.88338	0.138852	0.640965	-2.47222	0.89136	0.9253	-1.08073	0.0975571	0.356005	-2.80895	0.284545	0.531761	-1.88054	0.158325	0.424253	0.23558	0.402769	0.614801	-1.62664	0.7096	0.808547	-1.23679	1.39779	7.10433	4.54383	1
cg08734618	TSLP;TSLP	0.326733	0.919614	1.03573	1.03573	0.445876	1.31134	1.31134	0.316248	1.4365	1.4365	0.464716	1.29627	1.29627	0.0364493	1.37146	1.37146	0.0729088	2.02944	2.02944	0.547958	0.806097	-1.23595	0.795135	0.913448	-1.09475	0.459114	1.30069	1.30069	1.42731	2.67686	1.45869	1
cg04863703	CACNA2D2;CACNA2D2	0.326733	0.312654	0.729711	-1.37041	0.319754	1.36371	1.36371	0.31257	1.37049	1.37049	0.577221	0.843741	-1.1852	0.230619	0.684251	-1.46145	0.419076	1.28287	1.28287	0.173221	0.645813	-1.54844	0.10069	0.583106	-1.72027	0.71372	0.894786	-1.11759	1.38977	2.00365	1.28153	1
cg24413778	COL4A2	0.326735	0.689641	0.879407	-1.13679	0.255659	1.46085	1.46085	0.889742	0.956502	-1.0453	0.155128	0.615122	-1.62569	0.515348	1.22201	1.22201	0.10615	1.75702	1.75702	0.0125741	1.49855	1.49855	0.907066	1.40176	1.40176	0.354866	0.737852	-1.35529	1.38976	2.24547	1.49619	1
cg07636088	HSPH1	0.326744	0.408374	1.70651	1.70651	0.1647206	0.8407	0.8407	0.0709976	3.57798	3.57798	0.873473	1.44159	1.44159	0.665679	0.759763	-1.3162	0.230585	2.21417	2.21417	0.0134622	0.671355	-1.48952	0.96954	0.976156	-1.02443	0.918464	0.938365	-1.06568	1.38477	7.80783	5.62333	1
cg15833843	HLF	0.326746	0.675862	1.4504	1.4504	0.271432	2.75222	2.75222	0.504913	0.549746	-1.81902	0.118854	4.46794	4.46794	0.16359	0.268556	-3.72361	0.831758	0.828509	-1.20699	0.857428	1.1726	1.1726	0.674161	0.688023	-1.45344	0.8838854	5.42738	5.42738	1.38974	17.2109	11.0083	1
cg00788262	LOC401010	0.326765	0.066675	0.605705	-1.65107	0.0477286	2.70236	2.70236	0.142377	0.760482	0.647735	0.159042	0.882706	0.882706	0.0970928	0.0555004	-2.12448	0.428847	1.820511	1.820511	0.0127875	1.32995	1.32995	0.146044	0.146044	0.983772	0.0356482	0.896718	1.115518	1.38968	1.03855	0.836994	1
cg18105842	FGF11	0.326769	0.081352	0.392551	-2.54744	0.737282	1.176796	1.176796	0.257563	1.77143	1.77143	0.742589	1.17292	1.17292	0.836492	0.904792	-1.10523	0.556534	1.3335	1.3335	0.722478	0.841495	0.115462	0.436853	-2.2891	0.150234	0.474092	-2.1093	1.38967	5.15465	3.29712	1
cg02679090	WHSC2	0.326772	0.662917	0.997341	-1.00189	0.507116	1.16026	1.16026	0.0192142	1.83703	1.83703	0.929709	1.01969	1.01969	0.922964	1.02161	1.02161	0.291263	0.78589	-1.27244	0.823147	1.05071	1.05071	0.40948	0.827916	-1.20785	0.877326	0.966575	-1.03458	1.38966	1.07848	0.687543	1
cg15421087	CTNNB1;CTNNB1;CTNNB1	0.326775	0.583905	0.858526	-1.16548	0.432437	0.8021163	-1.24663	0.568137	1.13123	1.13123	0.193033	0.683216	-1.46367	0.903555	1.03092	1.03092	0.770508	0.922668	-1.08381	0.0475075	1.86588	1.86588	0.226703	0.705217	-1.418	0.333254	0.759856	-1.31604	1.38966	1.66366	1.06584	1
cg01259619	TTPK8	0.326779	0.756781	1.08189	1.08189	0.0392141	1.83028	1.83028	0.0772367	1.64941	1.64941	0.652523	1.12168	1.12168	0.330737	1.2895	1.2895	0.38223	1.25486	1.25486	0.315816	0.768934	-1.3005	0.913448	1.02754	1.02754	0.735186	1.08981	1.08981	1.38964	1.41258	0.903559	1
cg23450972	MYO15A	0.326782	0.902546	0.954292	-1.09136	0.78662	1.24366	1.24366	0.143306	1.14332	1.14332	0.883114	1.36734	1.36734	0.36129	0.858103	-1.16536	0.870557	1.23746	1.23746	0.0709448	1.32096	1.32096	0.214986	0.759983	-1.31602	0.800622	0.794988	-1.25799	1.38964	1.29091	1.16965	1
cg07870237	ACSL6;ACSL6	0.326786	0.55636	1.5632	1.5632	0.753009	1.26748	1.26748	0.774723	0.80617	-1.24043	0.142488	3.26652	3.26652	0.704745	1.33089	1.33089	0.0757801	4.41042	4.41042	0.695142	0.743995	-1.3441	0.0383898	6.0584	6.0584	0.462247	1.75402	1.75402	1.38963	12.4081	7.93699	1
cg02629506	CRYBB3	0.326787	0.794455	1.09528	1.09528	0.134371	1.75537	1.75537	0.636056	1.18078	1.18078	0.206824	0.628720	-1.59051	0.0502698	0.459373	-2.17588	0.836353	0.93044	-1.07476	0.979596	0.993125	-1.00895	0.907625	0.692045	-1.44499	0.609114	0.835468	-1.19683	1.38962	2.67392	1.71941	1
cg20908587	RORB	0.326787	0.98653	1.0997247	-1.00276	0.421386	1.14332	1.14332	0.183114	1.36734	1.36734	0.36129	0.858103	-1.16536	0.870557	1.23746	1.23746	0.228801	0.965321	-1.03593	0.17374	1.2907	1.2907	0.112571	0.111954	1.31757	1.31757	1.38962	0.585251	0.374363	1
cg15016734	ADD2;ADD2;ADD2	0.326789	0.516658	0.635025	-1.57474	0.947049	1.04694	1.04694	0.0890119	0.273816	-3.65209	0.452146	0.589202	-1.69721	0.0895233	0.274497	-3.64302	0.16704	0.361566	-2.76574	0.0664284	0.241328	-4.14373	0.998055	1.00168	1.00168	0.236748	0.424814	-2.35397	1.38962	10.4965	6.71424	1
cg00930841	HHAT;HHAT;HHAT;HHAT;HHAT;HHAT	0.326796	0.91297	1.06302	1.06302	0.857189	1.09395	1.09395	0.0775978	1.3939	1.3939	0.488372	1.30621	1.30621	0.169154	0.569756	-1.75622	0.83497	0.923617	-1.0827	0.0262139	2.72254	2.72254	0.585209	1.23001	1.23001	0.540965	0.790682	-1.26473	1.3896	3.16926	2.0273	1
cg18235799	CCNJL	0.326796	0.261776	0.406769	-2.4584	0.248102	2.52973	2.52973	0.814668	1.19781	1.19781	0.369925	0.492741	-2.02946	0.102701	0.253805	-3.94004	0.218967	0.370179	-2.7014	0.0828623	0.228499	-4.37639	0.999574	0.999686	-1.00031	0.45261	0.55535	-1.80067	1.3896	13.0035	8.31802	1
cg24423515	ANKRD56	0.326799	0.0188727	0.214842	-4.65412	0.0144204	0.10618	0.10618	0.0139597	0.3939	0.3939	0.0178827	0.1618	0.1618	0.0139597	0.1008	0.1008	0.0139597	0.1008	0.1008	0.0139597	0.1008	0.1008	0.0139597	0.1008	0.1008	0.0139597	0.1008	0.1008	1.38959	0.765906	0.552392	1
cg10142520	EHBP111	0.326801	0.619493	0.773252	-1.29324	0.422409	0.656417	-1.52342	0.0609521	0.337922	-2.95926	0.197931	0.497064	-2.01181	0.917493	0.948162	-1.05467	0.245157	1.86728	1.86728	0.571506	1.34143	1.34143	0.301247	0.576825	-1.73363	0.1690336	0.470186	-2.12276	1.38958	5.80756	3.71498	1
cg05537210	PLA2G12A	0.326806	0.18119	0.367742	-1.15242	0.219579	0.878965	-1.1377	0.169828	1.15734	1.15734	0.805229	1.025	1.025	0.467127	1.07675	1.07675	0.357117	1.01817	1.01817	0.0706922	1.21758	1.21758	0.645755	0.9548	-1.04734	0.753602	0.969022	-1.03197	1.38957	0.219786	0.140594	1
cg13475494	PITPNM3;PITPNM3	0.326812	0.0415935	0.563801	-1.77312	0.491281	1.18592	1.18592	0.628668	0.887929	-1.12622	0.189938	3.702085	-1.40356	0.0724307	0.9915597	-1.00847	0.867627	0.960128	-1.04153	0.394162	0.80824	-1.23726	0.942443	1.01777	1.01777	0.702053	0.616597	-1.62181	1.38955	1.30935	0.837585	1
cg00401234	DSTN;DSTN	0.326812	0.178747	0.673846	-1.48402	0.0875436	0.593815	-1.68403	0.374888	0.777494	-1.28618	0.273187	0.729694	-1.37044	0.225786	0.703625	-1.42121	0.25349	0.719246	-1.39034	0.251827	1.3921	1.3921	0.563203	1.17528	1.17528	0.43532	0.802561	-1.24601	1.38955	1.68055	1.07504	1
cg08564340	TNS1	0.326814	0.483163	1.37549	1.37549	0.568027	1.02044	1.02044	0.510344	0.313674	3.18863	0.144613	0.144613	6.91623	0.215972	4.629	0.215972	4.629	0.336203	2.97496	0.115447	8.65265	8.65265	0.352536	2.83744	2.83744	0.135955	7.35503	7.35503	1.38955	15.1663	8.42242	1
cg16008225	PCM1	0.326814	0.117197	2.29773	2.29773	0.48223	1.41787	1.41787	0.594905	1.29577	1.29577	0.190311	1.96998	1.96998	0.0768361	1.24388	1.24388	0.331778	1.63255	1.63255	0.126731	2.24233	2.24233	0.624066	2.78798	2.78798	0.0722252	2.66664	2.66664	1.38948	1.52907	3.36438	1
cg00776430	TSPYL2	0.326814	0.467951	0.544964	-1.83498	0.841726	0.848797	-1.17814	0.267883	0.385938	-2.59109	0.148223	3.61595	3.61595	0.108839	4.27634	4.27634	7	7	7	0.292348	2.46126	2.46126	0.356617	2.18281	2.18281	0.355567	2.18678	2.18678	1.42511	13.1994	8.1043	1
cg21709430	ACAD8	0.326815	0.612632	1.24007	1.24007	0.0997208	1.45728	1.45728	0.877702	1.04477	1.04477	0.822818	0.954744	0.954744	0.0665107	1.06978	1.06978	0.172987	0.662034	-1.5105	0.487778	0.81481	-1.22728	0.186914	0.671738	-1.48868	0.239914	0.704696	-1.41905	1.38944	1.37804	1.13884	1
cg13537953	FAM126A	0.326852	0.426213	0.837832	-1.19356	0.737133	1.07612	1.07612	0.664272	1.09977	1.09977	0.611905	0.894561	-1.11787	0.675133	0.912292	-1.09614	0.174615	1.36951	1.36951	0.0290032	1.7516	1.7516	0.284167	1.27417	1.27417	0.797048	0.945423	-1.05773	1.38944	1.04363	0.667658	1
cg04215950	CAMTA1	0.326853	0.0188237	0.214842	-4.65412	0.0144204	0.10618	0.10618	0.0139597	0.3939	0.3939	0.0178827	0.1618	0.1618	0.0139597	0.1008	0.1008	0.0139597	0.1008	0.1008	0.0139597	0.1008	0.1008	0.0139597	0.1008	0.1008	0.0139597	0.1008	0.1008	1.38959	0.765906	0.552392	1
cg18108581	GABRD	0.326863	0.462939	1.22202	1.22202	0.459967	0.817187	-1.22371	0.95577	0.998579	-1.00142	0.771429	0.924807	-1.08131	0.120306	0.636225	-1.57177	0.0314396	0.508033	-1.96837	0.95173	0.985211	-1.01501	0.571662	1.16577	1.16577	0.512259	1.19526	1.19526	1.38941	1.58473	1.01383	1
cg17108748	FLI40330	0.326871	0.651524	0.776073	-1.28854	0.5426	0.709171	-1.4101	0.201577	0.471449	-2.12112	0.662154	1.27781	1.27781	0.479062	0.669501	-1.49365	0.250081	0.511618	-1.95458	0.0671421	0.338523	-2.95401	0.882804	0.863884	1.15821	0.863884	0.821052	1.21709	1.38924	1.89264	1.39439	0.84119	0.437678	1
cg25501902	EMILIN2	0.326874	0.4443217	1.2009	1.2009	0.413133	1.23737	1.23737	0.117605	1.18976	1.18976	0.40224	0.844844	0.844844	0.59154	1.19254	1.19254	0.0506428	1.23697	1.23697	0.0454	0.934641	0.934641	-1.18537	0.82809	0.176988	0.82809	0.176988	-1.11251	0.56722	1.8935851	1.49158	0.8329052	0.5329	1
cg23738501	WNT11	0.326875	0.843316	1.09677	1.09677	0.0196618	3.75523	3.75523	0.0880469	2.40789	2.40789	0.922121	1.04671	1.04671	0.695579	1.19843	1.19843	0.972687	0.984145	-1.01611	0.387627	1.5119	1.5119	0.713576	1.18779	1.18779	0.762808	0.868234	-1.15176	1.38938	4.79513	3.0678	1
cg19991698	QSOX1;QSOX1	0.326876	0.394079	0.736212	-1.35824	0.3671	1.79471	1.79471	0.882814	0.992188	-1.00787	0.852363	1.38089	1.38089	0.896668	1.04772	1.04772	0.319164	0.7023	-1.42373	0.12298	1.83544	1.83544	1.44588	0.118248	1.83248	0.202405	1.60273	1.60273	1.38937	2.83271	1.8123	1
cg00706122	ATP5G2;ATP5G2	0.326877	0.370609	0.315766	-3.1669	0.881124	1.20638	1.20638	0.62508	0.539294	-1.85428	0.194407	5.59141	5.59141	0.154535	0.454538	2.20004	0.70536	0.61005	0.478112	0.24707	4.04707	0.10373	0.30744	9.30744	0.0608657	14.1432	14.1432	1.38937	34.5929	22.1317	1
cg23077364	BCL2L13	0.326877	0.752789	1.14784	1.14784	0.437882	0.727332	-1.37489	0.183744	0.567001	-1.76367	0.562617	0.76054	-1.31485	0.0868381	0.467268	-2.1401	0.121879	0.50935	-1.96329	0.356151	1.46499	1.46499	0.401242	0.707748	-1.41293	0.383431	1.43501	1.43501	1.38937	3.56182	2.27877	1
cg14069736	RTKN;RTKN8	0.326879	0.0295014	0.516359	-1.93704	0.0381308	0.338208	-2.95623	0.0478218	0.618787	-1.61636	0.0978369	0.587369	-1.70225	0.0219915	0.523335	-1.91092	0.155944	0.584364	-1.71139	0.0542527	1.84772	1.84772	0.0177	0.439614	2.27435	0.0178	0.439614	2.27435	1.38937	2.84248	2.41825	1.53252	1
cg03293647	FANCI;FANCI PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P	0.326881	0.426126	0.816297	-1.22505	0.0418654	0.556659	-1.79643	0.109407	0.646634	-1.54647	0.881375	1.038	1.038	0.70182	1.10085	1.10085	0.325854	0.776171	-1.28838	0.565292	1.59265	1.59265	0.693186	1.10411	1.10411	0.255757	0.743541	-1.34492	1.38936	1.3728	0.87829	1
cg10208583	PPP2R2B;PPP2R2B;PPP2R2B	0.326885	0.620076	1.38203	1.38203	0.918199	0.935652	-1.06877	0.472418	0.623009	-1.60511	0.265609	2.11929	2.11929	0.988892	0.991027	-1.00905	0.498196	1.5608	1.5608	0.276621	2.08057	2.08057	0.0223361	5.88546	5.88546	0.222946	2.29133	2.29133	1.38935	9.22373	5.90122	1
cg27181471	AAP1;AAP1	0.326886	0.367164	0.729214	-1.37118	0.0687982	0.292434	-3.40808	0.0974756	0.247284	-4.04377	0.0796196	0.275198	-3.63374	0.781899	-1.13809	0.271748	0.658858	0.7653	-1.30658	0.167193	0.412045	-2.42605	0.201744	0.463756	-2.15645	0.656079	1.30876	1.30876	1.38935	2.97547	5.10261	1
cg18933685	SDK1;SDK1	0.326887	0.0763629	0.249239	-4.00968	0.0815353	0.149135	-6.7045	0.0139596	0.149135	-6.7045	0.0139596	0.149135	-6.7045	0.0139596	0.149135	-6.7045	0.220362	0.288458	-3.4667	0.0815781	0.155306	-6.43889	0.293116	0.349156	-2.86405	0.114247	0.190792	-5.24132	1.38934	20.4829	13.1047	1
cg12200164	TNFAIP3	0.326887	0.544737	1.41094	1.41094	0.0590077	3.31158	3.31158	0.0552282	1.38896	1.38896	0.881756	1.08718	1.08718	0.304018	0.549999	-1.81818	0.381258	1.6559	1.6559	0.339084	1.73911	1.73911	0.808663	1.14596	1.14596	0.975447	0.982865	-1.01743	1.38934	6.93991	4.44009	1
cg21985352	SOCS1;SOCS3	0.326888	0.533762	1.79044	1.79044	0.515318	0.781804	-1.27909	0.874766	0.943703	-1.05966	0.0596941	0.415251	2.40756	0.0472638	0.538284	-1.85767	0.805157	1.10661	1.10661	0.0896342	1.08643	1.08643	0.0884306	1.31003	1.31003	0.859342	1.08643	1.08643	1.38934	1.06356	1.39605	1
cg16342780	PLXNB3;PLXNB3	0.326897	0.238054	0.497032	-2.01194	0.178259	0.445263	-2.24586	0.127183	0.393328	-2.54241	0.890989	0.925363	-1.08066	0.0161203	0.368622	2.71281	0.073701	0.323231	-3.09376	0.136578	0.40364	-2.47745	0.278823	0.528902	-1.89071	0.982078	0.987374	-1.01279	1.38932	7.04084	4.50475	1
cg18949749	GNB1L;C2orf29	0.326901	0.571564	1.57166	1.57166	0.2289744	2.89311	2.89311	0.202412	2.9119	2.9119	0.0434115	0.158058	-6.32678	0.706918	0.740823	-1.34985	0.59619	0.949474	1.36779	1.36779	0.609025	1.5053	1.5053	0.528867	1.60248	-1.6598	1.38928	13.8789	8.87998	1
cg14404418	BRD9;BRD9;BRD9	0.326919	0.787639	0.875661	-1.14191	0.0996633	0.647474	2.42804	0.270824	1.73757	1.73757	0.0950319	0.405718	-2.46477	0.232887	0.575504	-1.73794	0.607791	1.29552	1.29552	0.145639	1.70554	1.70554	0.972974	1.0168	1.0168	0.749423	1.8542	1.8542	1.38926	1.32094	0.4045	1
cg17384105	PTP2;PTP2	0.326922	0.637539	0.899566	-1.11165	0.468756	0.8484	-1.17869	0.224055	0.390027	-2.56252	0.0611929	0.624692	-1.60079	0.95516	1.00135	1.00135	0.390092	0.821986	-1.21665	0.213745	1.33543	1.33543	0.0993219	0.668357	-1.49621	0.959888	0.988846	-1.01128	1.38925	1.09446	0.700271	1
cg02577773	KLF7	0.326924	0.526364	1.40868	1.40868	0.373107	0.844844	0.844844	0.59154	1.19254	1.19254	0.0506428	1.23697	1.23697	0.0454	0.934641	0.934641	0.43454	0.53941	-1.68537	0.32809	0.176988	0.82809	0.176988	-1.6501	0.39155	0.595165	-2.53059	0.23701	0.444409	2.2508165	0.821	0.83347	1
cg07962084	KIAA0892	0.326924	0.816819	1.0788	1.0788	0.0436008	0.468407	-2.1349	0.15283	0.606226	-1.64955	0.891635	1.04557	1.04557	0.402243	1.32343	1.32343	0.476647	0.789335	-1.26689	0.740759	1.11464	1.11464	0.680423	1.14498	1.14498	0.16865	0.619106	-1.61523	1.38924	2.35113	1.50434	1
cg10424794	PHTF2;PHTF2;TMEM60	0.326929	0.416159	0.845603	-1.18259	0.104553	1.44352	1.44352	0.670991	1.0873	1.0873	0.629423	1.10309	1.10309	0.0909456	0.686662	-1.45532	0.919164	1.0123	1.0123	0.12098	1.78484	1.78484	0.0204005	1.48603	1.48603	0.0963031	-1.03409	0.628603	1.38924	1.03156	0.889009	0.573305	1
cg24630782	MTSS1	0.326931	0.967194	0.992676	-1.00738	0.470454	1.14023	1.14023	0.948502	0.988522	-1.01161	0.932874	1.01746	1.01746	0.387736	1.21808	1.21808	0.108649	1.36719	1.36719	0.0188176	1.66305	1.66305	0.829673	-1.03926	1.03926	0.959032	0.990861	-1.00922	1.38923	3.702862	0.449722	1
cg22517485	P9PY1;P9PY1	0.326931	0.159674	3.08545	3.08545	0.177529	2.9223	2.9223	0.595055	1.48282	1.48282	0.366951	1.98369	1.98369	0.448729	0.566156	-1.7663	0.565348	1.53269	1.53269	0.0137816	6.44956	6.44956	0.3428	2.06072	2.06072	0.731828	0.778689	-1.28421	1.47798	11.942	5.38662	1
cg18311466	SMYD3	0.326932	0.185632	0.708035	-1.41233	0.0650643	0.573457	-1.74381	0.0822903	0.314551	-3.17903	0.152624	0.857823	-1.16607	0.0776078	0.6682	-1.49632	0.857997	0.962152	-1.03934	0.0455809	1.61978	1.61978	0.873799	0.966319	-1.03481	0.652205	1.10273	1.10273	1.38921	1.0092	0.65324	1
cg01467788	ERLIN2;ERLIN2;ERLIN2	0.326938	0.131456	0.530662	-1.88479	0.224292	0.608432	-1.64357	0.0558843	0.429828	-2.3265	0.663694	0.816857	-1.22421	0.970554	0.985735	-1.01447	0.143408	0.542262	-1.84413	0.109489	0.507018	-1.97232	0.175125	0.570479	-1.75291	0.729754	0.873733	-1.14451	1.38921	3.33333	2.13285	1
cg14957186	UNC5B	0.326939	0.757372	1.10356	1.10356	0.3127	1.09587	1.09587	0.233744	1.07448	1.07448	0.770245	0.958388	1.03499	0.704087	1.03251	-1.41871	0.892837	1.04604	1.04604	0.526186	1.15918	1.15918	0.0815951	1.36216	1.36216	0.555938	1.23303	1.23303	1.38921	1.98246	1.29168	1
cg08583059	C17orf37	0.326946	0.356604	0.829957	-1.20488	0.490568	1.14758	1.14758	0.923122	1.01916	1.01916	0.635789	0.910483	-1.09832	0.887362	1.02825	1.02825	0.705804	1.0774	1.0774	0.0166683	0.562946	-1.77637	0.3786	0.13873	-1.19431	0.71936	1.0735	1.0735	1.38918	1.8501169	0.543993	1
cg15179985	KIAA0427;KIAA0427	0.326948	0.384046	0.833517	-1.19974	0.161476	1.35672	1.35672	0.690002	0.921459	-1.08524	0.539479	1.13513	1.13513	0.239024	0.77757	-1.28606	0.524182	0.876613	-1.14025	0.0623296	1.53429	1.53429	0.521289	0.875786	-1.14183	0.633903	0.906751	-1.10284	1.38918	0.915843	0.586017	1
cg18241635	INTS1	0.326952	0.945464	1.03542	1.03542	0.745206	0.892734	-1.12018	0.0839299	0.899775	-1.00226	0.772172	1.24848	1.24848	0.505007	1.03844	-1.03281	0.885928	1.70277	1.70277	0.0150181	1.15622	1.15622	0.0427798	0.800234	-1.16274	0.13817	0.746101	0.477467	1.38917	1.62648	1.0	1
cg12646820	HDAC10;HDAC10	0.326952	0.190555	0.713028	-1.40247	0.468242	0.835197	-1.19732	0.09708	1.55949	1.55949	0.871881	1.04017	1.04017	0.15314	0.688465	-1.45251	0.339666	1.27528	1.27528	0.258306	1.33351	1.33351	0.829283	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(473 vs. N)	Fold-Change(473 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	p-value(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error
cg04136513	MAP3K5	0.327249	0.445801	0.85752	-1.16635	0.337712	1.21588	1.21588	0.533671	0.884171	-1.131	0.615928	0.904809	-1.10521	0.0900091	0.69103	-1.44711	0.333284	1.21821	1.21821	0.0595596	0.656682	-1.52281	0.576185	0.894322	-1.11836	0.851373	1.03779	1.03779	1.38835	0.860315	0.550682	1
cg16278828	MAN2C1	0.32725	0.344667	0.481729	-2.07586	0.431699	0.547625	-1.82607	0.262531	0.456198	-2.4027	0.250981	0.406554	-2.4597	0.040867	0.170141	-1.87747	0.07509 03	0.225982	-4.42512	0.247013	0.403209	-2.4801	0.651109	1.4072	1.4072	0.495706	0.595077	-1.68045	1.38835	12.3807	7.92677	1
cg18133478	ATF6B;ATF6B	0.327251	0.439982	0.726049	-1.37732	0.737588	0.872532	-1.14609	0.838443	1.08627	1.08627	0.521597	0.768122	-1.30188	0.6648238	0.424919	-2.35339	0.0264078	0.334137	-2.99278	0.672817	0.841735	-1.18802	0.578866	0.796461	-1.25555	0.2454 19	0.609089	-1.6418	1.42576	3.63079	1.98066	1
cg24395241	CCDC146	0.327255	0.640702	-1.54631	0.9590001	1.022338	1.022338	1.022338	0.188273	0.548696	-1.82225	0.715831	0.854361	-1.17046	0.645052	0.818978	-1.22103	0.0710718	2.38241	2.38241	0.241211	1.695851	1.695851	0.599052	1.2566	1.2566	0.2551	1.59957	-1.66786	1.38834	4.075509	2.60941	1
cg18025831	DCP1A	0.327256	0.902032	0.92001	-1.08694	0.502726	1.58477	1.58477	0.80252	0.843965	-1.18488	0.176399	2.64589	2.642589	0.822505	0.858967	-1.16419	0.470944	1.64297	1.64297	0.924465	1.006632	1.019655	0.179675	6.69437	6.69437	0.200762	2.496434	2.49634	1.38833	10.0777	6.45231	1
cg19782923	TRIM68	0.327261	0.973077	0.965982	-1.03522	0.0219578	16.7542	16.7542	0.0954145	0.54521	6.54521	0.876222	1.852267	-1.17334	0.605255	0.585838	-1.70696	0.8424 44	1.22642	1.22642	0.641635	1.617 19	1.617 19	0.836363	1.23628	1.23628	0.724284	0.695442	-1.43793	1.38832	23.1256	14.8065	1
cg25967872	RASA2	0.327274	0.86298	0.900431	-1.11058	0.617815	0.736813	-1.3572	0.801947	1.16486	1.16486	0.623115	1.35087	1.35087	0.336793	1.82449	1.82449	0.615562	1.3599	1.3599	1.388751	1.7097	1.7097	0.0196233	0.180533	-5.53914	0.915579	1.06324	1.06324	1.38828	8.10569	5.18993	1
cg19568793	NPIC;NPIC	0.327277	0.344038	1.93173	1.913171	0.939883	1.15306	1.15306	0.320917	1.9796	1.9796	0.373024	1.838513	1.838513	0.90802	0.925924	-1.08	0.779645	0.385404	-2.59468	0.6512406	0.739394	-1.35246	0.0951514	3.39068	3.39068	0.0969331	3.3644	3.3644	1.38827	9.74942	6.24241	1
cg22434333	ATXN7L3;ATXN7L3	0.327281	0.189719	1.41081	1.416021	0.672652	2.07606	2.07606	0.9564 65	0.910362	1.01362	0.623838	1.53029	1.53029	0.397836	2.19034	2.19034	0.81238	0.942787	-1.06068	0.627252	1.1686	1.1686	0.587915	1.26 126	1.26 126	0.578915	0.870315	-1.14901	1.38826	1.34979	0.864 26	1
cg20098446	FLCN	0.327285	0.378563	0.672674	-1.4866	0.410873	1.44639	1.44639	0.196045	1.82219	1.82219	0.96811	0.0177	0.0177	0.0492248	0.373367	-2.67833	0.399197	0.684687	-1.46052	0.477194	1.37328	1.37328	0.438741	1.41428	1.41428	0.604732	0.795194	-1.25756	1.38825	4.23508	2.71171	1
cg27279125	PIK3R6	0.327295	1.385496	1.83822	1.1	0.0	1.32125	1.32125	0.0	1.388688	0.900346	-1.00975	0.998172	1.00157	0.0524415	0.322	-3.10437	0.178859	0.376353	-2.65708	0.349902	0.439197	-2.27684	0.0	1.53312	1.53312	0.0	1.53112	0.588311	0.538644	1.53112	1.38823	10.2951	6.59198	1
cg20308213	INTS3	0.327296	0.640777	0.925822	-1.08012	0.346099	0.852882	-1.1725	0.447231	1.13547	-1.13547	0.649747	1.10435	1.10435	0.538089	1.10765	1.10765	0.429287	1.14149	1.14149	0.0227806	0.639566	-1.56356	0.722352	0.943166	-1.06026	0.986638	1.00275	1.00275	1.38822	0.593193	0.378675	1
cg04124501	STYX1;STYX1	0.327296	0.920206	1.09486	1.01486	0.204648	0.81717	-1.21777	0.341155	1.15534	1.15534	0.121988	1.28045	1.28045	0.274565	1.505237	1.505237	0.0883115	1.3203	1.3203	0.514497	0.907323	-1.10214	0.402766	0.8815 75	-1.13433	0.604827	0.926435	-1.07941	1.38822	0.47542	0.305056	1
cg19747232	ACCN1;ACCN1	0.327306	0.158513	2.77697	2.77697	0.0838544	3.65563	3.65563	0.861084	0.888087	-1.12602	0.460787	1.66329	1.66329	0.124667	3.08453	3.08453	0.0831118	3.66946	3.66946	0.513434	0.650808	-1.53655	0.9898	0.991375	-1.0087	0.780875	1.20799	1.20799	1.38819	10.0945	6.44371	1
cg08538032	ELAVL4;ELAVL4;ELAVL4;ELAVL4	0.32731	0.266274	0.438358	-2.28124	0.667137	1.36079	1.36079	0.478812	1.16969	1.66969	0.306532	0.470608	-2.12491	0.651251	0.723259	-1.38263	0.486686	1.65401	1.65401	0.728725	-1.37226	0.0195025	0.382027	-2.61761	0.5987	1.19722	1.19722	0.840288	1.07079	1.07079	1.38813	2.52574	1.61736	1
cg03425147	TGFBI	0.327312	0.0508663	39.9808	39.9808	0.19149	9.90462	9.90462	0.235268	7.86684	7.86684	0.218733	8.54154	8.54154	0.299502	5.94721	5.94721	0.258673	7.05802	7.05802	0.907232	1.21324	1.21324	0.0579535	34.9548	34.9548	0.60974	2.34817	2.34817	1.38817	60.4488	38.7072	1
cg01305186	LOC643323	0.327313	0.423643	0.587145	-1.70316	0.616284	1.98969	1.98969	0.342404	1.89154	1.89154	0.459313	0.637313	-1.56909	0.112313	0.329346	-3.03605	0.797251	0.845565	-1.18264	0.0315252	0.193355	-5.17483	0.601231	0.709212	-1.41002	0.671705	0.753474	-1.32818	1.38817	0.93459	0.59722	1
cg18376163	KIF2;CYHR1;CYHR1;CYHR1	0.327315	0.683469	1.16638	1.16638	0.975987	0.00812	1.00812	0.420727	1.2472	1.2472	0.0162	0.0162	0.0162	0.0162	0.0162	0.0162	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg01578521	TBC1D22A	0.327317	0.349634	0.802621	-1.24592	0.636671	0.897034	-1.11479	0.997955	0.999415	-1.00059	0.820811	1.05318	1.05318	0.082298	0.644317	-1.55203	0.306741	0.785333	-1.27335	0.0829778	1.55021	1.55021	0.895415	1.03049	1.03049	0.248397	0.759151	-1.31726	1.38816	1.14661	0.734219	1
cg06476228	GAUG2;COPS2;COPS2	0.327324	0.0921881	0.670603	-1.4912	0.632004	1.009229	1.009	0.74535	0.72278	1.07278	0.0756323	1.5611	1.5611	0.0195158	-1.07102	0.0656233	1.5611	1.5611	1.5611	0.0592496	1.03089	1.03089	0.0910662	1.33731	1.33731	0.576822	1.12922	1.12922	1.38815	1.02169	0.654226	1
cg07782451	C8orf42	0.327326	0.298736	0.712086	-1.40432	0.22975	1.48777	1.48777	0.733852	1.11359	1.11359	0.611531	1.17524	1.17524	0.400685	0.762467	-1.31153	0.641688	0.826564	-1.15921	0.0908752	0.555882	-1.79894	0.119668	0.587249	-1.70285	0.227187	0.670529	-1.49136	1.38814	2.18504	1.39918	1
cg13613174	D2HGDH	0.327328	0.392858	0.787757	-1.26973	0.483476	1.31675	1.31675	0.376359	0.907194	1.1023	0.223783	1.442775	1.442775	0.166827	1.858283	1.858283	1.12892	0.886756	1.07946	1.07946	0.0182826	2.16871	2.16871	0.0990541	0.00175	0.653076	1.15618	1.15618	1.38813	1.17948	0.711388	1
cg03968025	NCL;SNORD82	0.327328	0.610464	1.24607	1.24607	0.797557	1.11636	1.11636	0.884055	1.06448	1.06448	0.25945	1.65493	1.65493	0.59515	1.25817	1.25817	0.111912	1.476504	-2.09862	0.9615	1.01869	1.01869	0.0467035	0.377112	-2.65173	0.446409	0.717246	-1.39422	1.38813	4.03125	2.58141	1
cg22817039	ZSWIM6	0.327329	0.653108	0.857833	-1.16573	0.817983	1.08127	1.08127	0.441652	1.30464	1.30464	0.677978	1.15204	1.15204	0.0240802	0.74811	-1.3367	0.363614	0.728725	-1.37226	0.019025	0.382027	-2.61761	0.5987	1.19722	1.19722	0.840288	1.07079	1.07079	1.38813	2.52574	1.61736	1
cg03431544	C1QTNF1;C1QTNF1	0.32733	0.328342	0.712716	-1.40308	0.30961	1.42304	1.42304	0.2098	0.641795	-1.55813	0.165198	0.608532	-1.6433	0.423072	0.759914	-1.31594	0.445232	0.770195	-1.29837	0.044157	0.4611	-2.16873	0.229097	0.654763	-1.52727	0.598853	0.836847	-1.19496	1.38812	2.47513	1.58405	1
cg25249473	LOC729991-MEF2B;LOC729991;LOC729991-MEF2B;LOC729991-MEF2B;LOC729991	0.327334	0.125554	0.26511	-3.77202	0.828292	0.84034	-1.18999	0.13297	0.279036	-3.66253	0.852169	1.16113	1.16113	0.165727	0.306109	-3.26681	0.405045	1.97831	1.97831	0.235548	0.369529	-2.70615	0.819812	1.20047	1.20047	0.106903	0.24425	-4.09416	1.38811	14.099	9.02844	1
cg29238275	FKBP10;SCES	0.327335	0.513478	1.1931	1.1931	0.439883	1.32397	1.32397	0.0153663	1.83362	1.83362	0.71366	1.07525	1.07525	0.0153663	1.16304	1.16304	0.0	1.88378	1.88378	0.20387	1.202	1.202	0.0452016	1.16983	1.16983	0.14084	1.04263	1.04263	1.43408	1.16983	0.804185	0.54379	1
cg09871133	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.327347	0.961146	0.975872	-1.02473	0.563513	1.34016	1.34016	0.0169513	0.229123	-4.36027	0.955534	1.02835	1.02835	0.340983	0.611421	-1.63553	0.781453	1.14962	1.14962	0.357334	0.68739	-1.45459	0.925258	1.04817	1.04817	0.789975	0.874732	-1.14321	1.38808	5.52608	3.53876	1
cg01108219	SLC25A36;SLC25A36	0.327349	0.438359	0.7555	-1.32382	0.476376	1.31675	1.31675	0.376359	0.907194	1.1023	0.223783	1.442775	1.442775	0.166827	1.858283	1.858283	1.12892	0.785232	1.08027	0.36	0.984282	1.59833	1.59833	1.30152	0.960335	0.76648	-1.30407	0.827149	1.3921	1.3921	1.38807	1.34981	0.965	1
cg14195992	KIAA0146	0.327351	0.888921	0.951611	-1.05085	0.520809	0.793739	-1.25986	0.137484	0.566821	-1.76422	0.0479585	0.448229	-2.231	0.770416	1.10944	1.10944	0.912895	0.961908	-1.0396	0.128927	0.558576	-1.79027	0.364108	1.39237	1.39237	0.367352	0.719891	-1.3891	1.38807	2.76924	1.77337	1
cg14795572	AGAP2;AGAP2	0.327356	0.161772	1.63771	1.637 71	0.648886	1.16341	1.16341	0.372127	1.34874	1.34874	0.15564	1.65162	1.65162	0.647549	1.16413	1.16413	0.424284	0.763815	-1.30922	0.72778	0.891029	-1.1223	0.805415	0.921739	-1.08491	0.0375426	2.12828	2.12828	1.38805	2.39656	1.53471	1
cg00473394	DSTN;DSTN	0.327359	0.166383	1.66722	-1.4919	0.672652	2.06427	2.06427	0.18113	0.339806	2.94277	0.0973194	1.3223	1.3223	0.0973194	1.44273	1.44273	0.166827	1.858283	1.858283	0.0976768	0.59481	-1.68074	0.804943	1.06063	1.06063	0.202811	1.37554	1.37554	1.38804	1.62302	0.791733	1
cg04457354	E2F3	0.327367	0.0997068	0.308389	-3.24266	0.334398	0.522496	-1.91389	0.175694	0.391077	-2.55704	0.731222	0.798653	-1.25211	0.633374	1.36797	1.36797	0.45504	0.60888	-1.64236	0.943983	0.955215	-1.04688	0.881358	3.52438	3.52438	0.873447	1.10953	1.10953	1.38802	9.34607	5.98522	1
cg00736454	LOC152138	0.327368	0.74824	1.11535	1.11535	0.155184	0.58969	-1.78734	0.324804	0.565312	-1.76894	0.447055	0.584382	-1.71109	0.142575	0.58808	-1.70125	0.74814	0.89654	-1.1154	0.265166	0.48249	-2.07253	0.218167	0.662573	0.801701	-1.24785	0.526312	1.61785	1.38801	0.86700	0.561	1
cg09666561	ZNF48	0.327368	0.382779	0.832251	-1.20156	0.469343	0.859831	-1.16302	0.608198	0.899566	-1.11165	0.287015	0.79709	-1.25456	0.0944024	0.685628	-1.45852	0.778592	1.05953	1.05953	0.131004	1.39727	1.39727	0.328346	1.22996	1.22996	0.295039	0.800285	-1.24955	1.38802	0.925218	0.59251	1
cg25164495	LOC285074	0.327368	0.396517	0.850695	-1.17551	0.321368	1.21023	1.21023	0.433102	1.16065	1.16065	0.139043	0.743378	-1.34521	0.420127	1.1658	1.1658	0.145878	0.747682	-1.33747	0.377603	0.844839	-1.18366	0.539416	1.12268	1.12268	0.272266	1.23423	1.23423	1.38802	0.762504	0.488309	1
cg24845318	FBXP04	0.327371	?	?	?	?	0.594524	-1.68206	0.0156382	0.376158	-2.65832	0.144594	0.350533	-2.85386	0.0	1.71109	-1.71109	0.171319	0.839554	-1.19128	?	?	0.0625803	0.0	0.224288	-4.45856	0.309396	2.11775	2.11775	1.38796	0.876814	0.56299	1
cg17740140	TOP1	0.327375	0.15244	0.352863	-2.83396	0.726187	0.787458	-1.26991	0.96962	1.02622	1.02622	0.987243	0.989193	-1.01093	0.182286	0.315837	-3.16619	0.306005	0.486614	-2.05502	0.0227941	0.156945	-6.37166	0.763505	0.814586	-1.22762	0.586879	0.688762	-1.45188	1.388	10.1531	6.50212	1
cg06042195	UCHL3;SNORD70	0.327376	0.365075	0.805766	-1.24107	0.4	0.837119	-1.19478	0.0	1.0	0.0	0.0	1.08837	1.08837	0.0	1.70488	-1.70488	0.348797	0.904806	-1.10536	0.0	0.0	2.15193	0.0	0.484617	-2.06349	0.585343	0.909503	1.09955	1.38796	1.38798	1.38796	0.84388	0.608	1
cg03310203	GABBQ	0.327389	0.106937	0.323391	-3.09223	0.767669	0.826937	-1.20928	0.980958	0.984807	-1.01543	0.0622386	3.84355	3.84355	0.508594	1.53748	1.53748	0.222991	0.439836	-2.27358	0.662615	0.754574	-1.32525	0.833194	1.14485	1.14485	0.431969	1.67269	1.67269	1.38796	9.04438	5.79227	1
cg10049535	SLC7A6;SLC7A6	0.327393	0.41186	1.37327	1.37327	0.102059	1.96694	1.96694	0.981764	0.991397	-1.00868	0.255473	0.638402	-1.56641	0.212453	0.64289	-1.54289	0.306005	0.486614	-2.05502	0.0227941	0.156945	-6.37166	0.763505	0.814586	-1.22762	0.586879	0.688762	-1.45188	1.388	10.1531	6.50212	1
cg13245593	TBX15	0.327398	0.0566602	5.82307	5.82307	0.0231013	2.64144	2.64144	0.0	1.0	0.0	0.0	1.04232	1.04232	0.0	1.08873	-1.08873	0.961935	0.962492	-1.03897	0.93951	0.831826	-1.27096	0.73321	0.760299	-1.31527	0.216133	2.83679	2.83679	1.38794	1.34097	0.97319	1
cg08727957	FOXP4;FOXP4;FOXP4	0.327397	0.983437	1.00872	1.00872	0.452435	0.725964	-1.37748	0.621451	0.812009	-1.23151	0.248191	0.603472	-1.65708	0.881105	0.445279	-2.24578	0.325049	0.653657	-1.52985	0.0219525	0.316655	-3.15802	0.838455	0.918141	-1.08916	0.676221	0.838854	-1.1921	1.38794	3.84768	2.4642	1
cg02537054	AFF3;AFF3	0.327403	0.143883	2.37328	2.37328	0.0319758	0.803797	-1.2448	0.151379	0.826695	-1.64122	0.458623	0.482624	-2.07203	0.0994359	0.174911	-5.71718	?	?	?	?	?	0.0625803	0.0	0.224288	-4.45856	0.309396	2.11775	2.11775	1.38794	0.876814	0.56299	1
cg23103009	INPP5A	0.327398	0.173451	0.154559	-1.94341	0.170705	0.512087	-1.95279	0.716969	0.846186	-1.18177	0.171339	0.51266	-1.95061	0.0363164	0.327424	-3.05415	0.155791	0.498233	-2.00709	0.414286	0.681913	-1.46646	0.290468	0.604537	-1.65416	0.185102	0.524796	-1.9055	1.38794	4.62637	2.96291	1
cg14357669	EXOSC6	0.327401	0.245744	0.754471	-1.32568	0.5750696	1.64429	1.64429	0.0	1.03352	1.03352	0.807091	0.945059	-1.05813	0.247125	1.3225	1.3225	0.785231	1.08027	1.08027	0.36	0.984282	1.59833	1.59833	1.30152	0.960335	0.76648	-1.30407	0.827149	1.3921	1.3921	1.38793	1.34981	0.965	1
cg23876751	IMMT;IMMT;IMMT	0.327411	0.415268	1.2379	1.2379	0.252839	0.702609	-1.42327	0.750444	0.88089	-1.13508	0.597713	1.17043	1.17043	0.0203616	2.28482	2.28482	0.736057	1.10515	1.10515	0.226537	1.45277	1.45277	0.647978	1.13273	1.13273	0.820971	1.06928	1.06928	1.3879	1.91968	1.22947	1
cg20541925	ZDHHC11	0.327413	0.359415	0.774416	-1.29129	0.338443	0.765136	-1.30696	0.68532	1.11686	1.11686	0.333806	1.31055	1.31055	0.39578	0.789833	-1.26609	0.188048	0.684911	-1.46	0.0737819	0.582337	-1.71722	0.961533	1.01317	1.01317	0.236191	1.40039	1.40039	1.3879	1.61785	1.03616	1
cg13637693	MIR758;MIR329-2;MIR329-1	0.327419	0.480292	1.36273	1.36273	0.474407	0.728717	-1.37225	0.868856	0.974345	1.02653	0.148851	0.743535	1.34521	0.246861	1.6313	1.6313	0.0523648	1.383843	1.383843	0.0252523	0.324416	3.08225	3.08225	1.14582	0.874131	1.17481	1.60486	1.64782	1.38793	1.48451	1.20545	1
cg14284805	UPF3A;UPF3A	0.327426	0.60939	1.14973	1.14973	0.32485	0.759356	-1.3169	0.595533	0.864968	-1.15651	0.458778	1.22662	1.22662	0.0470363	0.540398	-1.85049	0.400951	0.792325	-1.26211	0.0857704	0.598009	-1.67222	0.891427	1.03767	1.03767	0.333935	0.763504	-1.30975	1.38786	0.611647	1.03211	1
cg17736940	FAM184A;FAM184A	0.32743	0.762372	1.66155	1.66155	0.0732347	1.48164	1.48164	0.775361	0.945248	-1.05792	0.686753	0.923316	-1.08305	0.489927	1.148	1.148	0.850157	0.958616	-1.04317	0.0402293	0.59048	-1.69382	0.911611	0.8845	-1.13097	0.318741	1.12483	1.12483	1.38785	0.851332	0.54526	1
cg00107912	FADD1	0.327427	0.0771487	10.8801	10.8801	0.26185	3.241444	-4.14174	0.438591	1.30129	1.30129	0.86934	1.902	-1.2136	0.0094052	0.103738	-9.63967	0.358522	2.317654	-1.14807	0.717714	0.6434 18	1.5542	0.36517	3.09611	3.09611	0.181825	0.874113	-1.14402	1.38785	32.4271	20.7689	1
cg05922448	AMT;AMT;AMT;NICN1;AMT;AMT;AMT;AMT;AMT;AMT	0.327434	0.0836297	6.45902	6.45902	0.202219	3.71295	3.71295	0.168716	4.17374	4.17374	0.610749	1.64894	1.64894	0.75784	1.35162	1.35162	0.97128	0.965532	-1.0357	0.246811	3.25398	3.25398	0.0369668	10.5948	10.5948	0.357739	2.51297	2.51297	1.38784	20.8641	13.3632	1
cg03490703	ACTC1	0.327434	0.144492	0.469107	-2.13171	0.0466009	0.332747	-3.00528	0.156329	0.408228	-2.60976	0.571336	0.758627	-1.31817	0.216294	0.533486	-1.87446	0.153484	0.478059	-2.09179	0.242163	0.553704	-1.80602	0.238787	0.555131	-1.81445	0.869175	0.738745	1.35354	1.38783	1.52552	3.28282	1
cg11816043	APOBEC3B	0.327441	0.0	0.224512	-4.49193	0.0	0.186272	-5.36342	0.0238954	0.258824	-3.86213	0.155522	0.508994	-1.96462	0.0178352	0.0	0.0	0.0	0.224512	-4.45363	0.243989	0.0	0.0	0.0	0.460627	-2.17212	0.956772	0.862216	-1.03927	0.58282	1.97895	7.1079	1
cg08264519	BRF1	0.327446	0.743813	1.16402	1.16402	0.216042	0.58812	1.58812	0.106068	2.26479	2.26479	0.252993	1.73969	1.73969	0.904559	1.05713	1.05713	0.967245	0.981162	-1.0192	0.443583	1.43586	1.43586	0.285236	1.67206	1.67206	0.353588	1.55588	1.5588	1.3878	4.71449	3.01963	1
cg08740748	MAN2A2	0.327448	0.556165	0.919151	-1.08796	0.193179	1.21533	1.21533	0.0810067	1.31521	1.31521	0.641403	0.884484	-1.13551	0.784006	1.01968	1.01968	0.814178	0.967204	-1.03391	0.306548	0.860775	-1.16174	0.154823	0.806018	-1.24067	0.587312	1.0807	1.0807	1.3878	0.440858	0.282371	1
cg20773651	ZNF788	0.327452	0.434835	0.7555	-1.32382	0.1841799	0.325276	-3.0777	0.0257764	0.266124	-3.75864	0.0	1.26146	-1.26146	0.0	1.5391	-1.5391	0.827356	0.71487	-1.39884	0.0	0.0	1.48012	0.343962	0.672571	-1.48702	0.392962	0.635083	-1.57456	1.38779	1.21796	0.479812	0.635083

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg11050603	BRD3	0.327753	0.585222	0.803227	-1.07734	0.822873	0.959439	-1.04228	0.175909	0.766616	1.304443	0.155897	0.755498	-1.32363	0.939566	1.0141	1.0141	1	0.0567308	0.671469	-1.48927	0.382427	1.1799	1.1799	0.1145373	0.7283171	-1.57293	0.767286	0.946669	-1.05634	1.38696	0.7492033	0.4801517	1
cg14376110	ALS2CR11;ALS2CR11;ALS2CR11	0.327754	0.075178	0.85206	-1.17363	0.6033335	1.04327	1.04327	0.559706	0.953459	-1.04861	0.769902	0.976579	-1.02398	0.183128	0.8790636	-1.13761	1	0.91229	0.991136	-1.00894	0.122496	1.1448	1.1448	0.618419	0.960237	-1.04141	0.294957	0.915977	-1.09173	1.38696	0.1434119	0.0919163	1
cg11845410	MYLK2	0.327763	0.187879	0.401598	-2.49005	0.349933	0.533127	-1.87572	0.0704418	0.26665	-3.75024	0.681879	0.763811	-1.30922	0.0855218	0.2886644	-3.46447	1	0.184962	0.398882	-2.50701	0.122553	0.334914	-2.98584	0.179619	0.393855	-2.539	0.219883	0.430275	-2.3241	1.38693	0.38761	0.01655	1
cg02397869	ZMYM4	0.327763	0.234817	1.21266	1.21266	1.200048	0.831076	-1.23293	0.843609	1.03106	1.03106	0.184838	1.24329	1.094422	1.00108	1.00108	1.00108	1	0.18999	1.23978	1.23978	1.264493	0.8352	-1.19732	0.202822	0.812805	-1.23143	0.790199	0.959552	-1.04215	1.38693	0.526661	0.337538	1
cg19608850	2CH12A	0.327771	0.089218	0.368001	-2.71738	0.324991	0.581508	-1.71967	0.644101	0.780432	-1.28134	0.162367	0.451291	-2.21586	0.176883	0.465029	-2.1504	1	0.198787	0.48466	-2.0633	0.674957	0.739184	-1.35284	0.263401	0.536929	-1.86244	0.03975	0.281345	0.35436	1.38691	0.24946	4.00537	1
cg27615067	PWWP3B;PWWP2B	0.327772	0.632427	0.80872	-1.23652	0.711902	0.849236	-1.17753	0.479517	0.728567	-1.37256	0.891278	1.0621	1.0621	0.0139288	0.2617767	-3.82019	1	0.12749	0.48382	-2.06688	0.482888	0.730394	-1.36912	0.468417	0.722524	-1.38404	0.651589	0.818517	-1.22172	1.38691	0.426324	2.73237	1
cg02552489	FAHD2A	0.327777	0.0335996	2.29275	2.29275	2.110943	1.787	1.787	0.4558166	1.28906	1.28906	0.805786	0.920951	-1.08583	0.140022	1.70025	1.70025	1	0.627596	1.17753	1.17753	0.161579	1.64824	1.64824	0.638827	1.1712	1.1712	0.461416	1.28486	1.28486	1.38689	0.245464	1.57323	1
cg09984734	NAIP;NCP3;NAIP5;HYP3	0.327779	0.199386	0.215585	-4.63854	0.118739	0.147139	-6.79639	0.0153655	0.167796	-5.3015	0.205602	0.53178	4.53178	0.797739	0.797739	-1.25329	1	0.0532531	0.0831348	-12.0212	0.0674857	0.198968	1.39868	0.915502	0.908095	-1.12601	0.989187	1.01545	1.01545	1.38689	28.1291	18.0286	1
cg18373354	ST4;ST14	0.327779	0.491639	2.77417	2.77417	1.090139	7.59108	7.59108	0.592515	0.454218	1.20159	0.439512	1.16356	1.16356	0.812016	0.706072	-1.41629	1	0.570391	0.452676	-2.2112	0.402712	0.286224	-3.49377	0.312434	0.60157	0.0356991	0.35439	0.35439	1.38689	46.8726	30.0418	1
cg25409687	PHF6;PHF6;PHF6	0.32778	0.330551	0.272968	-3.66343	0.85477	0.780934	-1.26737	0.686929	0.592175	-1.68869	0.114938	0.17749	0.17749	0.989888	1.01652	1.01652	1	0.0389553	0.0454617	-21.9965	0.556244	2.15901	2.15901	0.61762	1.91723	1.91723	0.72496	1.57905	1.57905	1.38688	36.734	23.5438	1
cg10707300	ZNF653	0.327783	0.526798	0.882909	-1.13296	0.15262	0.340115	-2.94029	0.146023	1.17519	0.175119	0.766915	0.754944	-1.32145	0.103986	0.703316	-1.42179	1	0.1419	0.175397	-5.70077	0.135889	0.661714	1.08926	0.860905	0.550274	-1.81681	0.354451	1.20469	1.38688	0.828335	0.530902	1
cg06836654	PLEKHF1	0.327784	0.0962019	0.666043	-1.50414	0.325871	0.797976	-1.25317	0.648528	1.10749	1.10749	0.312392	0.792564	-1.26173	0.0710291	0.638475	-1.56623	1	0.751437	0.37325	1.07025	0.100679	0.670308	-1.49185	0.436915	0.838255	-1.19296	0.871941	1.03654	1.03654	1.38687	1.08712	0.696768	1
cg08036790	KDM4B	0.327794	0.245669	0.578657	-1.72814	0.21492	1.17971	1.17971	0.288265	1.657793	1.657793	0.188496	1.837538	1.837538	0.873738	0.08406	-11.8925	1	0.99558	1.0025	1.0025	0.962972	0.595827	-1.67834	0.440709	0.707213	-1.41408	0.588998	1.27858	1.27858	1.38685	4.4583	2.85751	1
cg18885073	PGRMC1 ATG4A;PSMD10;ATG4A;PSMD10;ATG4	0.327794	0.178963	0.296088	-3.37738	0.533648	1.71158	1.71158	0.5604419	0.597482	-1.65369	0.047354	0.72067	0.72067	0.548628	0.5906067	-1.67766	1	0.276637	0.381126	-2.6238	0.597074	0.634594	-1.57581	0.459577	1.9001	1.9001	0.952128	1.05251	1.05251	1.38685	15.9621	10.2308	1
cg02010442	A;ATG4A	0.327796	0.107232	0.14134	-7.07516	0.887206	0.853903	-1.17109	0.973336	1.03789	1.03789	0.195862	0.58211	4.58211	0.46666	2.2891	2.2891	1	0.0496241	0.0827049	-12.0912	0.704375	1.52838	1.52838	0.998393	1.00224	1.00224	0.85883	1.82026	1.82026	-1.21911	1.38684	27.2009	17.4343	1
cg11523799	C6orf154;YIPF3	0.327798	0.181508	1.70743	1.70743	0.679836	1.16944	1.16944	0.25433	1.56667	1.56667	0.145386	1.80348	1.80348	0.796926	0.907317	-1.10215	1	0.109499	1.93124	1.93124	0.589445	0.814246	-1.22813	0.225026	1.61713	1.61713	0.08214	3.2607	2.0677	1.38683	3.1248	2.00283	1
cg17658002	ACP5;ACP5;ACP5;ACP5	0.327801	0.886836	0.962525	-1.03893	0.269329	1.34582	1.34582	0.180003	0.682535	-1.46553	0.785302	0.929373	-1.07599	0.816944	1.06421	1.06421	1	0.185892	1.45677	1.45677	0.164884	1.48798	1.48798	0.079626	1.68513	1.68513	0.753466	0.919023	-1.08811	1.38683	1.58036	1.01293	1
cg23274244	TNFRSF13B	0.327803	0.916309	0.924245	-1.02644	0.199828	1.39963	1.39963	0.185779	1.4166	1.4166	0.53402	0.871754	-1.14711	0.903391	1.0306	1.0306	1	0.646547	0.891712	-1.12144	0.13663	1.48892	1.48892	0.122914	0.6976556	-1.43337	0.262449	0.733797	-1.36277	1.38682	1.53339	0.867462	1
cg03975030	FBXL17	0.327803	0.83391	0.953059	-1.04925	0.57187	1.13974	1.13974	0.240791	1.32469	1.32469	0.643759	1.11252	1.11252	0.406773	1.21448	1.21448	1	0.856739	1.04224	1.04224	0.0495465	0.598664	-1.67039	0.339126	1.25307	1.25307	0.153192	1.41938	1.41938	1.38682	1.15151	0.738064	1
cg15227574	AFMID;AFMID;TKI1;AFMID	0.327803	0.88703	1.03754	1.03754	1.017005	0.654835	0.618828	-1.15725	0.864385	-1.18533	0.50288	0.880493	-1.15017	0.703072	0.961487	-1.04008	0.824328	0.0108353	0.436256	2.29223	0.178496	0.731897	1.27733	0.712904	0.91177	-1.09677	0.267427	0.741191	-1.34918	1.38682	1.47606	0.946085	1
cg17758725	SNRPB;SNRPB	0.327806	0.320982	0.558118	-1.79174	0.924315	0.947392	-1.05553	0.916572	1.06141	1.06141	0.997824	1.00155	1.00155	0.34506	0.575121	1.73876	1	0.778526	0.851838	-1.17393	0.037225	0.252733	-3.95674	0.158396	0.424194	-2.35741	0.0706099	0.316914	3.15543	1.38681	7.10472	4.55383	1
cg21797405	APBB3;APB83;APB83;SLC35A4;APBB3	0.327807	0.087906	0.532781	-1.87694	0.151186	1.6723	1.6723	0.673783	1.15205	1.15205	0.311043	0.704414	-1.41962	0.565662	0.823551	-1.21425	1	0.536523	1.23273	1.23273	0.947153	0.978084	-1.02241	0.213336	1.54975	1.54975	0.330501	1.39889	1.39889	1.38681	2.45466	1.57334	1
cg19063972	SOX21	0.327811	0.341927	0.871168	-1.14788	0.78132	1.03997	1.03997	0.975933	0.996042	-1.00397	0.693249	0.941272	-1.06239	0.446771	0.896532	-1.11541	1	0.494547	0.906921	-1.10263	0.930776	0.734364	-1.36195	0.812014	0.895281	0.984601	0.967851	0.976611	-1.02554	0.0398375	0.715557	-1.39749	1.3868	0.435712	0.279276	1
cg13725636	DLGAP2	0.327812	0.709411	1.23336	1.23336	0.937967	0.815007	1.22698	0.513468	0.723758	1.38168	0.523707	0.733587	1.13758	0.327504	0.8503102	-1.17588	1	0.629788	1.1029	1.1029	0.154222	0.53652	-1.86433	0.0398	0.510397	1.03987	0.319676	0.815221	-1.22565	1.3868	0.764654	0.555566	1
cg21949830	SLC43A2	0.327815	0.92259	0.94464	-1.0586	0.330108	1.80196	1.80196	0.167795	2.35574	2.35574	0.786753	1.1722	1.1722	0.0569294	0.282975	-3.53389	1	0.30451	0.53629	-1.86466	0.393764	0.598702	-1.67028	0.763798	1.19314	1.19314	0.41416	1.6309	1.6309	1.38679	7.54086	4.83346	1
cg04070837	LPAR5;LPAR5	0.327815	0.460598	0.775327	-1.28993	0.599597	1.34244	1.34244	0.344281	1.1373	1.1373	0.683629	1.39285	1.39285	0.507127	1.25001	1.25001	1	0.409979	1.13832	1.13832	0.487826	1.978541	1.978541	0.0509227	1.83885	1.83885	0.122385	0.292516	1.64763	1.64763	1.38679	2.52016	1.61535	1
cg26675785	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.327816	0.145151	0.415917	-2.40432	0.885104	0.659944	-1.51496	0.0506892	0.598894	-1.67022	0.0966254	0.710852	-1.40707	0.0298554	0.4219502	-2.37045	1	0.0206553	0.759514	-1.3229	0.57706	0.729126	-1.37151	0.0921654	0.282761	0.28761	0.84894	1.09666	2.11525	1.38679	0.9056	4.42629	1
cg23473045	ACTG1	0.327829	0.812274	0.91545	-1.09236	0.0876427	0.496569	-2.01382	0.557757	0.802426	-1.24622	0.187948	0.595669	-1.67879	0.0419697	0.418845	-2.38752	1	0.251816	0.64114	-1.55972	0.844533	1.07562	1.07562	0.547402	1.25366	1.25366	0.888337	0.949173	-1.05355	1.38675	3.02796	1.94088	1
cg24174453	SPTLC2	0.327835	0.155198	0.39125	-2.55836	0.97588	0.757397	-1.32025	0.0744146	0.546548	-1.83033	0.0193681	0.936313	-1.06781	0.0104496	0.2880722	-3.47211	1	0.649624	1.38803	1.38803	0.495386	0.754184	-1.32594	0.0729582	0.419502	0.41503	0.171771	1.2947	1.2947	1.38674	0.181887	0.23196	1
cg16911576	TNNT3;TNNT3;TNNT3;TNNT3	0.327837	0.346238	0.548736	-1.82237	0.347668	0.549625	-1.81942	0.161783	0.396791	-2.52022	0.428983	0.606802	-1.64798	0.0451577	0.241238	-4.14529	1	0.404817	0.590162	-1.69445	0.660137	0.603081	0.282378	-3.54135	0.5008	0.574667	-1.48221	0.11697	0.348661	-2.86811	1.38673	8.40718	5.38898	1
cg27078824	SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.327841	0.240578	0.58416	-1.71307	0.453787	0.811607	-1.23187	0.27107	0.583496	-1.71436	0.0756824	0.460722	-1.64206	0.0021597	0.1640878	-6.09571	1	0.0206553	0.759514	-1.3229	0.57706	0.729126	-1.37151	0.0921654	0.282761	0.28761	0.84894	1.09666	2.11525	1.38679	0.9056	4.42629	1
cg08943375	MEF2D	0.327841	0.953611	0.982339	-1.01798	0.200811	1.51261	1.51261	0.183058	1.54143	1.54143	0.357975	0.748611	-1.33581	0.107808	0.58422	1.71169	1	0.226579	0.677818	-1.47532	0.566336	0.837322	-1.19428	0.376217	1.32067	1.32067	0.895052	1.04125	1.04125	1.38672	2.06038	1.32071	1
cg22908679	NRXN3;NRXN3;NRXN3;NRXN3;NRXN1	0.327842	0.732149	1.28656	1.23656	0.220134	2.21841	2.21841	0.252015	2.09497	2.09497	0.791289	0.848811	-1.17812	0.11675	0.348803	-2.86695	1	0.847744	0.887989	-1.12614	0.830058	1.14206	1.14206	0.0543667	1.85435	1.85435	0.928085	0.945737	-1.05738	1.38671	8.38881	5.37726	1
cg15487620	ATP1A2	0.327847	0.223427	0.488913	-2.04796	0.319046	0.998841	-1.00116	0.309935	1.77889	1.77889	0.494616	1.47355	1.47355	0.0738465	0.3102	-3.22367	1	0.1814	0.4522	-2.21141	0.406862	0.62212	-1.60741	0.0356664	0.12416	0.12846	0.226281	0.401257	-2.03543	1.3871	0.872044	0.40103	1
cg11225571	RAD54B AMAC8;AMAC8;AMAC8;AMAC8;AMAC	0.327848	0.26449	0.527386	-1.89614	0.0405122	0.272129	-3.67473	0.135616	0.412789	-2.42255	0.741987	0.833809	-1.19932	0.205874	0.479927	-2.08365	1	0.161127	0.43895	-2.27816	0.132321	0.409215	-2.44371	0.226525	0.497299	-2.01086	0.474613	0.670306	-1.49186	1.3867	6.64686	4.26072	1
cg01156557	R;AMACR	0.327853	0.0727046	1.53692	1.53692	0.240227	1.30206	1.30206	0.201877	1.33544	1.33544	0.357562	1.22519	1.22519	0.947031	0.98584	-1.01436	1	0.692899	0.918327	-1.08894	0.300273	0.794209	-1.25911	0.888643	0.970375	-1.03053	0.131398	1.41849	1.41849	1.38668	1.01191	0.648654	1
cg12209024	DCUN1D4;DCUN1D4	0.327857	0.133033	1.84782	1.84782	0.62157	0.828198	-1.20744	0.294318	1.50994	1.50994	0.178497	1.71865	1.71865	0.68688	0.857685	-1.16593	1	0.559935	1.26803	1.26803	0.0769305	0.474652	-2.10681	0.950514	1.02379	1.02379	0.693875	0.860823	-1.16168	1.38667	3.15206	2.02054	1
cg23704754	DSBL7	0.327857	0.525752	0.849142	-1.17768	0.245682	0.779159	-1.28355	0.126787	0.674174	1.48474	0.164754	0.781727	1.27931	0.164618	0.6427497	-1.55602	1	0.0859476	0.348967	-2.8656	0.0422183	0.457776	-2.18448	0.357928	1.68982	1.68982	0.0866	0.757979	0.743322	1	0.888643	1.38667	0.75197	0.488271	1
cg09538129	MIR25;MCM7;MCM7;MIR106B;MIR93	0.32787	0.673264	1.21221	1.21221	0.0441484	1.85546	1.85546	0.0359929	3.02476	3.02476	0.200578	1.84676	1.84676	0.649641	1.23061	1.23061	1	0.708654	1.18568	-1.18568	0.764793	1.14585	1.14585	0.0402473	1.39687	1.39687	0.267857	1.68829	1.68829	1.38664	4.52162	2.89854	1
cg00142106	HCG4	0.327872	0.68883	1.29851	1.29851	0.919464	1.06739	1.06739	0.10033	0.310914	-3.21633	0.749469	1.2311	1.2311	0.46314	0.615928	-1.62357	1	0.70865	1.15868	-1.18568	0.764793	1.14585	1.14585	0.0402473	1.39687	1.39687	0.267857	1.68829	1.68829	1.38664	4.52162	2.89854	1
cg03035147	CXCL3	0.327873	0.904483	1.02559	1.02559	1.010935	1.037015	1.037015	1.02971	1.02971	1.02971	0.0985	1.00588	1.00588	0.311713	0.875234	-1.14303	1	0.505423	1.29606	1.29606	0.131304	0.815634	-1.23208	0.0941156	0.855294	-1.16959	0.318097	1.14224	1.14224	1.38663	0.634759	0.213826	1
cg18802268	PIK3C2G	0.327874	0.518191	1.06502	1.06502	0.863532	0.983352	1.01693	0.19457	0.744106	1.34405	0.211666	0.881156	-1.13487	0.509512	0.937687	-1.06645	1	0.987264	1.00154	1.00154	0.940704	0.910659	-1.09811	0.1606	1.18456	1.18456	0.252527	1.17299	1.3662	1.38662	0.203058	0.130169	1
cg11421087	SERINC5;SERINC3	0.327879	0.330636	0.903124	-1.10727	0.756798	1.03203	1.03203	0.274843	1.12224	1.12224	0.0923168	0.828564	-1.20691	0.318526	0.900641	-1.11032	1	0.14408	0.852744	-1.17268	0.653401	0.955155	-1.04695	0.546101	1.06397	1.06397	0.3186	1.1103	1.1103	1.38661	0.226275	0.145054	1
cg07301561	ACTBL2	0.327889	0.370076	0.834213	1.19784	0.370604	0.948	1.05455	0.0911	0.743032	1.43032	0.682744	1.302241	1.302241	0.156884	0.892	-1.12108	1	0.505423	1.29606	1.29606	0.131304	0.815634	-1.23208	0.0941156	0.855294	-1.16959	0.318097	1.14224	1.14224	1.38663	0.634759	0.213826	1
cg06353075	IKBIP;IKBIP;IKBIP	0.327901	0.88234	0.944082	-1.05923	0.718747	0.868911	-1.15087	0.630807	0.828497	-1.207	0.263938	1.57216	1.57216	0.0425875	0.403683	-2.47719	1	0.163275	1.78274	1.78274	0.743397	0.880178	-1.13613	0.591285	1.23444	1.23444	0.3701	0.699339	-1.42992	1.38657	3.31519	2.12526	1
cg10123153	NTN1	0.327903	0.529239	0.550705	-1.81585	0.574882	0.588355	-1.69965	0.909685	1.11206	1.11206	0.798955	0.787499	-1.26984	0.0442589	0.4149498	-2.40977	1	0.686014	0.683578	-1.46299	0.57631	1.69622	1.69622	0.117043	0.420274	0.521073	0.320074	2.61613	2.61613	1.38655	3.9304	2.52134	1
cg09329239	WASHP2P	0.327903	0.696332	1.25465	1.25465	1.06196	1.533461	1.533461	0.0866	1.13955	1.13955	0.297487	0.713131	-1.40227	0.0818067	0.542794	-1.84253	1	0.576853	0.838235	-1.19258	0.206743	1.51804	1.51804	0.304031	1.39545	1.39545	0.622113	0.855981	-1.16825	1.38654	2.15177	1.37946	1
cg03220066	ABCG4;ABCG4	0.327904	0.306134	0.571409	-1.75006	0.904707	0.9187	-1.0653	0.453968	1.49615	1.49615	0.360781	0.612992	-1.63134	0.042232	0.290546	-3.44179	1	0.413884	0.64327	-1.55456	0.113093	0.702457	-1.42307	0.0134007	0.140207	-2.84806	0.0119951	0.481592	-2.07605	1.38654	0.482167	0.0326	1
cg04736225	KLB1	0.327914	0.584804	1.06502	1.06502	0.863532	0.983352	1.01693	0.19457	0.744106	1.34405	0.211666	0.881156	-1.13487	0.509512	0.937687	-1.06645	1	0.987264	1.00154	1.00154	0.940704	0.910659	-1.09811	0.1606	1.18456	1.18456	0.252527	1.17299	1.3662	1.38652	0.203058	0.130169	1
cg07919955	EIF4E2;EIF4E2;TIGD1	0.327914	0.66553	0.925807	-1.08014	0.737386	1.06146	1.06146	0.0983647	0.725205	-1.37892	0.249522	0.807904	-1.23777	0.568004	1.10771	1.10771	1	0.938035	1.01388	1.01388	0.429841	1.15354	1.15354	0.127156	1.33964	1.33964	0.191841	1.27748	1.27748	1.38651	0.689874	0.442275	1
cg02217159	KHDRBS2	0.327922	1.10071	1.10071	1.10071	0.456835	0.635828	-1.57275	0.864385	1.10762	1.10762	0.290029	0.518806	-1.9275	0.0297857	0.216959	-4.60917	1	0.731185	1.22885	1.22885	0.0774634	0.909488	-1.23114	0.487073	0.640424	-1.56147	0.947862	0.961674	-1.03985	1.38651	7.84167	5.02729	1
cg07576074	C21orf29	0.327924	0.792	0.998049	1.00132	0.610683	0.757367	-1.32036	0.480399	0.67823	-1.47443	0.526981	0.706843	-1.41474	0.489734	0.684004	-1.46198	1	0.364268	0.603725	-1.65638	0.323644	0.663331	1.23333	1.23333	0.217359	0.01877	2.01877	1.3865	0.435346	4.12457	1
cg22036526	USE1	0.327923	0.124467	0.588347	-1.69968	0.49273	1.24878	1.24878	0.194981	0.645875	-1.54829	0.788377	0.917783	-1.08958	0.109383	0.573117	-1.74484	1	0.63596	1.16423	1.16423	0.0785204	0.53624	-1.86484	0.655491	0.860581	-1.15396	0.797642	1.08539	1.08539	1.38649	2.23108	1.43164	1
cg14086599	CAPN10;CAPN10;CAPN10;CAPN10	0.327928	0.365984	0.815797	1.22546	0.375527	0.841762	1.18804	0.0990147	0.645603	1.54603	0.176679	0.776579	1.28794	0.188994	1.1016	1.1016	1	0.634268	0.603725	-1.65638	0.323644	0.663331	1.23333	1.23333	0.217359	0.01877	2.01877	1.3865	0.435346	4.12457	1
cg24220959	RPS6KA2	0.327936	0.759743	0.901344	-1.10945	0.2002818	2.5796	2.5796	0.965362	0.985403	-1.01481	0.914	0.964081	-1.03726	0.200207	1.58124	1.58124	1	0.350964	1.38412	1.38412	0.167836	1.64503	1.64503	0.583394	1.20629	1.20629	0.612314	1.18893	1.18893	1.38645	2.51784	1.61424	1
cg10114725	FAM124B;FAM124B	0.327937	0.0314725	2.72845	2.72845	2.282013	1.22382	1.22382	0.228854	1.22885	1.22885	0.170266	1.58652	1.58652	7	7	7	1	0.305634	0.4218	-2.37115	0.0138361	0.242479	-4.12207	0.0027286	0.0835358	-11.9731	0.0003	0.0004	-2.38752	0.827286	0.835358	-1.17157	1.38643	1.38643	0.0004	0.0004	1
cg14513082	MAGEB6;MAGEB6	0.327938	0.440437	1.75326	1.75326	0.262251	0.4342	-2.30308	0.530392	0.635345	-1.57395	0.883133	0.900507	-1.11049	0.440269	0.570244	-1.75363	1	0.223472	2.4913	2.4913	0.618671	1.43062	1.43062	0.844775	1.15015	1.15015	0.0364122	0.176276	-5.67292	1.38642	11.1837	7.1703	1
cg15178219	PRMT5;PRMT5	0.327953	0.854228	1.01995	1.01995	0.224169	1.34158	1.34158	0.164664	1.17263	1.17263	0.825607	0.976573	-1.02999	0.93073	0.987086	-1.01308	1	0.409408	1.09487	1.09487	0.222599	1.14761	1.14761	0.927433	0.990262	-1.00983	0.268796	1.1317	1.1317	1.38641	0.253393	0.162462	1
cg07906351	DCBLD2	0.327953	?	?	?	?	2.182142	2.182142	0.228854	1.22885	1.22885	0.170266	1.58652	1.58652	?	?	?	1	0.441479	0.454581	-2.19883	?	?	?	0.74741	1.33955	1.33955	1.19624	0.125833	2.54977	2.54977	1.45426	1.38641	3.73794	3.08441	1
cg23611643	NCOR2;NCOR2	0.327956	0.760331	1.23278	1.23278	0.0426695	4.96354	4.96354	0.0330274	5.50179	5.50179	0.997761	0.982799	-1.0175	0.936233	1.05626	1.05626	1	0.97146	0.975827	-1.02477	0.448794	1.69548	1.69548	0.463041	1.66684	1.66684	0.930951	0.942446	-1.06107	1.3864	10.2727	6.58634	1
cg13784474	C4orf44;C4orf44	0.327956	0.552833	1.1451	1.1451	0.104614	1.77172	1.77172	0.148652	0.733852	1.83706	0.127273	0.76852	1.76852	?	?	?	1	0.964313	0.99005	-1.01005	0.842325	1.57389	1.57389	0.774859	1.60419	1.60419	0.106619	0.767197	1.0686	1.0686	1.38641	1.09574	0.703173	1
cg07053609	CDX4A2	0.327958	0.08471	0.247351	-4.04284	0.732208	1.28618	1.28618	0.995577	1.00407	1.00407	0.582178	0.665536	-1.50255	0.548014

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105 vs. N)	Fold-Change(1 vs.105)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(347 vs. N)	Fold-Change(1 vs.347)	p-value(477 vs. N)	Fold-Change(1 vs.477)	p-value(353 vs. N)	Fold-Change(1 vs.353)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg14480534	AHNAK	0.328211	0.295738	0.493467	0.02646	0.0595107	0.250206	-3.99671	0.455558	1.64061	1.64061	0.703354	0.128303	1.282303	0.185315	0.400521	-2.49075	0.253182	0.459603	-2.17579	0.319893	0.53194	-1.95335	0.168976	0.364887	-2.74058	0.850342	1.13093	1.1857	9.31248	5.9737	1
cg16036046	RIT2	0.328213	0.188491	0.414812	-2.41073	0.458015	0.620493	-1.61162	0.614807	1.37773	1.37773	0.850293	1.12674	1.126674	0.570848	0.256359	-3.90079	0.472456	0.630328	1.58647	0.077948	0.28915	-3.45841	0.241573	0.461113	-2.16867	0.759916	1.21357	1.2315	7.1857	8.75246	5.61448	1
cg17428896	SVIL	0.328219	0.435401	1.15269	1.15269	0.194994	0.780339	-1.28149	0.922278	0.982847	-1.01745	0.963803	1.00808	1.00808	0.761638	1.05548	1.05548	0.451362	1.14678	1.14678	0.0611055	1.47865	1.47865	0.126927	1.35148	1.35148	0.506251	0.886757	-1.1277	1.47378	0.698628	0.316025	1
cg02284308	CENPK;CENPN;CENPN;C16orf61	0.328229	0.780688	0.740337	-1.35074	0.316322	0.327616	-1.05233	0.277926	0.286068	-3.37145	0.763999	1.38311	1.38311	0.726237	0.684705	-1.46031	0.645083	0.60678	-1.64804	0.0457229	0.0848108	-11.791	0.0372326	0.0739169	-13.5287	0.498032	0.476647	-2.09799	1.38565	25.463	16.3344	1
cg07388482	INPP5A	0.32823	0.27636	1.28606	1.28606	0.256206	1.30128	1.30128	0.887195	0.968954	-1.03204	0.228273	0.75504	-1.32443	0.0666996	0.633287	-1.57906	0.211664	0.746498	-1.33959	0.521316	1.15539	1.15539	0.714027	0.921474	-1.08522	0.922786	0.978689	-1.02178	1.38565	1.08351	0.695066	1
cg04741128	ATP11A;ATP11A	0.328294	1.028504	1.02104	1.02104	0.826009	0.950354	-1.05224	0.420796	0.826771	-1.20952	0.440891	0.833783	1.199535	0.0279212	0.548355	-1.82363	0.687662	1.09799	1.09799	0.323625	1.26591	1.26591	0.299324	1.28248	1.28248	0.517457	0.859172	-1.16391	1.38561	1.174	0.753139	1
cg24759795	CSMD3;CSMD3	0.328249	0.151588	0.512189	-1.9524	0.251563	0.593552	-1.68477	0.628028	0.80847	-1.2369	0.532933	0.759556	-1.31656	0.0332486	0.338326	-2.95573	0.239773	0.58506	-1.70923	0.162666	0.522543	-1.91372	0.189311	0.545794	-1.83219	0.8173	1.10602	1.10602	1.3856	4.16151	2.6697	1
cg08066500	CNTN4	0.32825	0.691528	0.812816	-1.23026	0.561482	1.07541	1.02541	0.390181	0.632852	-1.58015	0.626719	0.775173	-1.29004	0.0813274	0.366125	-2.73131	0.671969	0.801466	-1.24771	0.810712	1.13278	1.13278	0.0471628	1.32501	1.32501	0.594675	1.32186	1.32186	1.38559	5.92482	3.80091	1
cg02432448	ITSN1;ITSN1;CRYZL1	0.328254	0.369009	1.30225	1.30225	0.673209	1.1291	1.1291	0.219741	0.482658	-2.07186	0.0265829	0.226796	-4.40925	0.754468	1.03485	1.03485	1.03486	0.796471	0.928688	-1.07679	0.318458	0.744425	-1.34312	0.0571513	1.8515	1.8515	1.85	0.849513	1.90195	1.90195	1.79797	1.15345	1
cg08659293	CAP1;CAP1	0.328255	0.501974	1.15657	1.15657	0.293943	1.2616	1.2616	0.170909	1.36513	1.36513	0.884974	0.969572	-1.03138	0.181052	0.738498	-1.3541	0.66638	0.911568	-1.09701	0.121863	0.6991	-1.43041	0.894549	0.972114	-1.02869	0.210227	1.32559	1.32559	1.38558	0.9999986	0.64152	1
cg05175053	HINT1;HINT1;HINT1	0.328259	0.93795	1.03266	1.03266	0.0427016	0.747376	1.17373	0.825804	0.938478	-1.06555	0.0232165	0.457663	-1.83501	0.619947	0.5883	-1.7001	0.822832	0.93934	1.06436	0.26071	1.40202	1.40202	0.917175	1.19342	1.19342	0.193042	0.230765	0.906183	-1.4364	1.38557	1.82096	1.16821	1
cg03632865	ZNF791;ZNF490	0.328259	0.289164	1.5815	1.5815	0.938181	1.03284	1.03284	0.547346	1.28877	1.28877	0.197814	0.567177	-1.76312	7	7	7	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg09985792	SLC4A3;SLC4A3	0.328261	0.169482	0.540142	-1.84223	0.0191459	0.950928	-1.39158	0.259265	0.605941	-1.65177	0.771483	1.12927	1.129227	0.130325	0.505555	-1.97802	0.298485	0.637701	-1.56813	0.280169	0.625848	-1.59783	0.634017	0.81855	-1.22167	0.874285	1.09833	1.09833	1.38556	3.8243	2.45342	1
cg04282206	PLEKHM1P	0.328262	0.981025	0.995494	0.00453	0.0827019	0.44046	1.44046	0.0772886	1.2943	1.2943	0.2314801	0.28146	1.28146	0.203073	0.774778	1.29069	0.842003	0.962806	-1.03863	0.282524	0.808899	-1.23625	0.735625	0.66648	1.06648	0.448422	1.15803	1.15803	1.38556	0.791495	0.507773	1
cg19297164	LOC285419;LOC285419 PLAG1;PLAG1;PLAG1;PLAG1;PLAG1	0.328267	0.898481	0.976358	-1.02421	0.0565649	0.667239	-1.49871	0.278532	0.808603	-1.23557	0.350102	1.19713	1.197153	0.125554	1.33273	1.33273	0.322923	1.21093	1.21093	0.905398	1.02254	1.02254	0.620565	0.910698	-1.09806	0.876053	1.02969	1.02969	1.38555	0.771078	0.49468	1
cg00981250	L3HYMA;PLAG1;PLAG1;PLAG1	0.328267	0.900106	1.04994	1.04994	0.234787	1.62142	1.62142	0.0279194	0.364898	-2.7405	0.728657	1.14472	1.14472	0.61449	0.82111	-1.21786	0.338226	1.46687	1.46687	0.785589	0.899581	-1.11163	0.470699	1.32947	1.32947	0.59926	1.22848	1.22848	1.38554	3.30504	2.12033	1
cg27140647	KIDINS220	0.328268	0.923329	1.02933	1.02933	0.223375	1.40529	1.40529	0.0179892	1.24788	1.24788	0.700432	1.10829	1.10829	0.900724	1.03975	1.03975	?	?	?	0.683184	0.899652	-1.11531	0.413624	1.24954	1.24954	0.996297	0.998933	-1.00107	1.38416	1.37833	0.995787	1
cg13185177	GPS	0.328288	0.219703	0.482626	-2.0722	0.765322	1.1841	1.1841	0.219741	0.482658	-2.07186	0.0265829	0.226796	-4.40925	0.754468	1.03485	1.03485	0.603455	1.34422	1.34422	0.974769	0.982306	-1.01801	0.760052	0.841583	-1.18824	0.175143	0.440398	-2.25884	1.38549	0.99211	0.448913	1
cg17204557	LOC84931	0.3283	0.776836	1.11727	1.11727	0.0251689	2.82628	2.82628	0.361924	1.44147	1.44147	0.725719	0.871588	-1.14733	0.605873	1.22519	1.22519	0.152794	1.81755	1.81755	0.628984	1.20921	1.20921	0.745811	1.13532	1.13532	0.327404	0.674026	-1.48362	1.38548	1.3409	2.14344	1
cg03553964	ADAM8;ADAM8;ADAM8	0.328297	0.809527	0.80428	-1.24335	0.615574	1.76322	1.76322	0.16569	1.60169	1.60169	0.962888	1.00926	1.009258	0.779326	0.752885	-1.32822	0.0192958	0.570816	-1.75188	0.137975	0.821555	-1.21632	0.722331	1.07325	1.07325	0.923539	0.98116	-1.0192	1.38548	0.863105	0.552992	1
cg12014753	APP3	0.328298	0.713239	0.791848	-1.26287	0.775654	1.19801	1.19801	0.779458	1.19423	1.19423	0.369993	0.512395	-1.95162	0.75206	0.58728	0.704141	-1.42017	0.520576	0.662486	-1.50947	0.103612	0.32452	-3.08147	0.0500196	0.40835	0.410835	0.470744	0.628814	-1.5903	1.38546	0.877206	5.628	1
cg03178599	NEK11;NEK11;NEK11	0.328302	0.0301787	0.503111	-1.98703	0.0791762	1.3899	1.3899	0.0156482	1.3298	1.3298	0.1658	1.0792	1.0792	0.0178666	0.709025	1.41023	0.673935	0.915955	1.09166	0.0196001	1.42652	1.42652	0.0284485	1.30219	1.30219	0.0127466	0.0266492	1.14233	1.38555	1.38243	2.45342	1
cg04415236	MGC34034;MGC34034	0.328316	0.670155	1.12521	1.12521	0.630588	0.875105	-1.14272	0.211708	0.696116	-1.43654	0.571185	0.854216	-1.17066	0.106835	0.615857	1.62375	0.147308	0.65172	-1.5344	0.0388471	0.517599	-1.932	0.885351	1.04052	1.04052	0.431158	0.802338	-1.24636	1.38541	1.6634	1.06725	1
cg06959664	ARHGEF10L;ARHGEF10L	0.328317	0.13527	0.520466	-3.99256	0.841222	0.841577	-1.18825	0.644565	1.49101	1.49101	0.780214	0.786201	-1.27194	0.0465972	0.140922	-7.09615	0.23899	0.346313	-2.88756	0.594979	0.634026	-1.57722	0.886655	0.196471	-5.08982	0.29045	0.389303	-2.5687	1.38541	16.2242	10.4096	1
cg21160852	TRIP13;TRIP13;BRD9;BRD9;BRD9;BRD9	0.328318	0.506644	0.939434	-1.06447	0.097247	1.18384	1.18384	0.937099	1.00735	1.00735	0.982597	0.997979	-1.00202	0.814091	1.02208	1.02208	0.360777	0.916568	-1.09103	0.25241	0.895064	-1.11724	0.404048	1.08239	1.08239	0.0754121	1.20172	1.20172	1.38541	0.18867	0.123052	1
cg04143294	MS12;MS12	0.32832	0.0812643	0.255446	-3.91472	0.943258	1.05071	1.05071	0.745929	2.1536	2.1536	0.213621	0.415227	-2.40658	0.296393	0.469304	-2.13081	0.0951947	0.274507	-3.64289	7	7	0.418922	1.77853	1.77853	0.952538	1.04223	1.04223	1.42063	0.45314	5.82242	1
cg08370718	rf33	0.328323	0.798675	0.968912	-1.03209	0.245245	1.16314	1.16314	0.888143	1.26177	1.26177	0.35853	0.889887	-1.12374	0.364584	1.12198	1.12198	0.0615025	1.29729	1.29729	0.585454	0.934200	-1.07042	0.750238	1.04025	1.04025	0.909749	0.986086	-1.01411	1.38539	0.3349955	0.214938	1
cg10027237	NUP93	0.328331	0.415727	1.14268	1.14268	0.321371	1.3071	1.3071	0.539388	0.895175	-1.10476	0.31421	1.31783	1.317831	0.0414446	1.22226	1.22226	0.947509	1.15198	1.15198	0.0881498	1.13295	1.13295	0.13375	1.23223	1.23223	0.0570358	0.664	-1.50564	1.38539	0.4743	0.354068	0.361021	1
cg03989786	C6orf153	0.328331	0.71675	1.06549	1.06549	0.0735693	1.41527	1.41527	0.19961	1.2661	1.2661	0.758293	0.947678	-1.05521	0.297627	1.08873	1.08873	0.37679	0.853928	-1.17106	0.314372	0.83401	-1.19903	0.503309	0.888467	-1.12553	0.154656	1.30374	1.30374	1.38537	0.665118	0.426757	1
cg05499607	NKX2-6	0.328334	0.444314	1.25273	1.25273	0.0961286	0.456386	1.45386	0.0153251	1.91931	1.91931	0.2839	1.12882	1.128824	0.108055	0.546864	1.83095	0.0660997	0.28737	-3.48055	0.0506514	0.4653	1.4653	0.0142745	0.0414245	1.16683	1.16683	1.3857	0.709478	0.944157	0.49117	1
cg13408655	COL15A1 MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2	0.32834	0.197604	0.323308	-3.09303	0.93688	0.936444	-1.06787	0.262601	0.379688	-2.63374	0.353723	0.453345	-2.20583	0.0544267	0.163751	6.10683	0.0864905	0.208043	4.8067	0.514993	0.578462	-1.72872	0.314335	0.422022	-2.36954	0.0884988	0.210542	-4.74964	1.38536	15.0823	9.67725	1
cg04732910	MDM2;MDM2	0.32834	0.852484	1.0671	1.0671	0.224846	1.56012	1.56012	0.381586	1.36763	1.36763	0.885083	0.950799	-1.05175	0.139287	1.60702	1.60702	0.684316	1.15328	1.15328	0.0349534	0.424283	-2.35292	0.258754	1.12412	1.12412	0.841001	0.932324	-1.07259	1.38535	2.67041	1.71344	1
cg20722891	AEBP2;AEBP2	0.328348	0.772922	0.895324	-1.11691	0.0937415	0.494425	-2.02255	0.912338	1.04298	1.04298	0.505685	1.29446	1.29446	0.130741	0.535985	-1.86573	0.381781	0.709773	-1.4089	0.120569	1.90304	1.90304	0.585539	1.23422	1.23422	0.627616	0.829599	-1.2054	1.38532	3.20443	2.05611	1
cg19937285	EPHB1	0.328353	0.204523	0.495243	-2.01796	0.0475299	0.615599	-1.78076	0.451079	0.636072	-1.57213	0.508153	0.604515	-1.6541	0.912163	0.942823	-1.06065	0.682697	1.44244	1.44244	0.0344646	0.259664	-3.85113	0.862404	0.913972	-1.09413	0.519321	0.7052	-1.41804	1.4225	0.67881	0.443487	1
cg00046815	CAPS2	0.32834	0.969807	0.990656	-1.00943	0.134851	0.670439	-1.49156	0.653485	0.893977	-1.1186	0.069332	0.604136	-1.65526	0.0970794	0.99096	1.00912	0.358311	0.791133	-1.26401	0.399896	0.80756	-1.2383	0.110544	1.53926	1.53926	0.748566	0.923334	-1.08303	1.38531	1.34973	0.860059	1
cg01239928	MYHAS1	0.328354	0.345096	1.29638	1.29638	0.152637	1.50588	1.50588	0.518976	0.839697	-1.19091	0.0671012	1.73051	1.73051	0.619581	1.14309	1.14309	0.334545	1.30399	1.30399	0.11	1.59285	1.59285	0.969483	1.01028	1.01028	0.443542	0.81159	-1.23215	1.38531	1.56679	1.00534	1
cg23982269	HGD2A;NOP16	0.328357	0.265991	1.64283	1.64283	0.0135777	1.16527	1.16527	0.279453	1.16126	1.16126	0.360742	1.17946	1.17946	0.1734	1.0203096	1.02031	0.374227	1.70397	1.70397	0.0142051	0.0149209	0.72657	1.37679	1.38379	0.450072	0.743654	-1.34471	0.163873	0.695596	1.38531	0.0463104	0.0127	1
cg08296824	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.328363	0.335735	1.1409	1.1409	0.207916	0.84509	-1.18331	0.852133	1.02393	1.02393	0.816844	1.10502	1.10502	0.197531	0.979153	0.513245	0.188764	0.889216	1.07182	1.07182	0.14079	0.822229	-1.21621	0.511349	0.91903	-1.0881	0.50828	0.708112	0.889216	1.08528	0.35253	0.226207	1
cg01440352	C16orf58	0.328365	0.343603	1.34158	1.34158	0.0963753	0.470912	1.47134	0.0156482	1.37134	1.37133	0.264553	1.37134	1.37133	0.264553	1.37134	1.37133	0.673335	0.915955	1.09166	0.0196001	1.42652	1.42652	0.0284485	1.30219	1.30219	0.0127466	0.0266492	1.14121	1.38539	1.38243	2.45342	1
cg17831934	CNTNAP2	0.328368	0.192756	0.624269	-1.60187	0.0909935	1.88961	1.88961	0.128456	1.75357	1.75357	0.547486	0.812155	-1.23129	0.900851	1.04352	1.04352	0.686153	0.870356	-1.14895	0.180308	1.62631	1.62631	0.746696	0.89514	-1.11714	0.629654	1.18067	1.18067	1.38527	2.56326	1.64477	1
cg10681447	ZNF718	0.328371	0.279705	0.641206	-1.88877	0.112148	0.766314	-1.30495	0.188676	0.805761	-1.24106	0.320128	0.853785	-1.17125	0.510324	0.979265	1.02108	0.0898412	0.484134	2.06511	0.0479747	0.0729742	0.68256	1.4643	0.847247	0.879704	0.761365	-1.31343	1.38524	0.519444	0.533319	1
cg22908000	CKS7	0.328382	0.133631	0.283154	-3.53221	0.0538866	0.364344	-2.74466	0.183959	0.658179	-1.48255	0.588236	0.660617	-1.51374	0.0566214	0.389913	-2.56467	0.451845	0.559137	-1.78847	0.295145	0.528196	-1.89251	0.158424	0.283993	-3.52121	0.810355	0.833321	-1.20002	1.38523	12.6204	8.09839	1
cg22737695	RAB24;PRELID1;RAB24;RAB24;RAB24	0.328383	0.446569	0.909341	-1.0997	0.414503	1.10758	1.10758	0.204762	1.17811	1.17811	0.759641	1.03831	1.03831	0.986474	0.997926	-1.00208	0.12338	0.815102	-1.22684	0.0879375	0.793988	-1.25947	0.291841	0.874612	-1.14336	0.6688	1.05413	1.05413	1.38523	0.329096	0.211243	1
cg25420085	WRNIP1;WRNIP1	0.328387	0.415727	1.14268	1.14268	0.321371	1.3071	1.3071	0.539388	0.895175	-1.10476	0.31421	1.31783	1.317831	0.0414446	1.22226	1.22226	0.947509	1.15198	1.15198	0.0881498	1.13295	1.13295	0.13375	1.23223	1.23223	0.0570358	0.664	-1.50564	1.38523	0.4743	0.354068	0.361021	1
cg14962040	PRELID2;PRELID2;PRELID2	0.328392	0.283214	1.58126	1.58126	0.866641	0.933261	-1.07151	0.272117	0.625136	-1.59965	0.783984	1.11955	1.11955	0.54295	0.776414	-1.28797	0.0592617	2.39224	2.39924	0.205797	0.57781	-1.73067	0.815658	1.10073	1.10073	0.299578	0.64287	-1.55552	1.3852	3.70525	2.37767	1
cg17266233	DGKZ;DGKZ;DGKZ;DGKZ	0.328399	0.501309	1.44063	1.44063	0.682233	0.813973	-1.22854	0.315147	0.594017	-1.68091	0.788808	0.874383	-1.14366	0.255183	0.556817	-1.79563	0.122568	2.33853	2.33853	0.194198	0.50324	-1.98712	0.191959	2.21536	2.21536	0.938765	0.962325	-1.03915	1.38518	1.54958	3.51952	1
cg24084422	HSPAL	0.32847	0.358464	1.637476	-1.19406	0.495062	1.13897	1.13897	0.0112203	1.60771	1.60771	0.571758	0.898231	-1.1133	0.748378	1.25291	1.06232	0.15442	1.11894	1.11894	0.577323	0.87001	-1.13817	0.585606	1.01894	1.01894	0.176193	1.31009	1.31009	1.38516	0.7739448	0.4666	1
cg13438961	KCNQ4;KCNQ4	0.32841	0.435754	0.602383	-1.66007	0.357848	1.82712	1.82712	0.16503	2.57038	2.57038	0.250526	0.443815	-2.25309	0.0998101	0.316748	-3.15709	0.394692	0.910045	-1.08809	0.256447	0.469982	-2.12774	0.268512	0.479681	-2.08472	0.928448	1.05892	1.05892	1.38515	0.913955	0.572032	1
cg11710557	BTBD11;BTBD11	0.328421	0.981119	0.994633	-1.00548	0.0275737	0.944046	1.05944	0.0156482	1.36763	1.36763	0.885083	0.950799	-1.05175	0.139287	1.60702	1.60702	0.673335	0.915955	1.09166	0.0196001	1.42652	1.42652	0.0284485	1.30219	1.30219	0.0127466	0.0266492	1.14121	1.38539	1.38243	2.45342	1
cg10055097	MAGI3;MAGI3;MAGI3;MAGI3	0.328421	0.0739887	0.0755032	-13.2445	0.64394	0.546697	-1.82917	0.872568	1.23154	1.23154	0.180755	0.62068	0.62068	0.367844	1.32054	1.32054	0.0928289	0.0907869	-11.0148	0.70366	1.64188	1.64188	0.972313	1.04606	1.04606	0.975434	0.960837	-1.04076	1.38512	36.9276	23.6979	1
cg21620004	ATF6	0.328424	0.627554	1.10528	1.10528	0.297477	1.24749	1.24749	0.127349	1.40158	1.40158	0.154185	0.731764	-1.36656	0.572276	0.880737	-1.12393	0.124564	0.711151	-1.40617	0.540288	0.880978	-1.1351	0.572178	0.82722	-1.20387	0.964751	0.990993	-1.00909	1.38512	0.919539	0.704006	1
cg24041799	MTOR	0.328425	0.161884	0.25911	-3.85912	0.648273	0.705984	-1.41646	0.737013	1.05337	1.05337	0.49402	1.11309	1.11309	0.229796	0.834403	1.199	0.398506	1.14265	1.14265	0.0862738	0.226125	1.02615	0.892279	0.979315	-1.02112	0.500818	1.12228	1.12228	1.38511	1.11117	0.3512	0.522068	0.335033
cg05276125	DSP2	0.328423	0.155577	0.321549	-3.10995	0.239432	2.50894	2.50894	0.552328	1.5666	1.5666	0.25472	0.411489	-2.4302	0.222796	0.384206	-2.60277	0.615338	0.685027	-1.4598	0.082836	0.238314	-4.19614	0.543415	0.631749	-1.58291	0.298566	0.447292	-2.23568	1.38512	12.231	7.84914	1
cg18704543	GGCX;GGCX	0.328425	0.489057	1.1554	1.1554	0.355241	1.05244	1.05244	0.915192	1.05195	1.05195	0.894284	0.955101	1.044972	0.0151055	0.732824	-1.36481	0.559521	1.28477	1.28477	0.0153624	0.0288328	1.10524	0.905121	1.13346	1.13346	0.0299227	1.6905	1.6905	1.38511	0.9230732	0.594727	1
cg09959495	AGAP1;AGAP1	0.328429	0.047196	0.416907	-2.39862	0.563946	0.251199	1.25199	0.886423	1.0566	1.0566	0.291538	0.655962	-1.52448	0.458507	1.33752	1.33752	0.454123	0.74545	-1.34147	0.157945	1.78894	1.78894	0.954088	1.02243	1.02243	0.531565	1.27653	1.27653	1.3851	3.25607	2.08958	1
cg04629867	CCDC154;CLCN7;CLCN7	0.328431	0.241459	0.482626	-2.0889	0.240495	0.701741	-1.42465	0.302744	0.891133	-1.12217	0.455416	1.17905	1.179051	0.703799	1.08229	1.08229	0.161528	1.36267	1.36267	0.074343	0.50907	1.92007	1.92007	0.565987	1.1276	1.1276	0.785313	0.945	1.38511	1.1276	0.663135	0.4	1
cg16246294	MMP28;MMP28	0.328433	0.0478259	0.547315	-1.8271	0.779962	1.07746	1.07746	0.164865	1.48392	1.48392	0.48826	0.828976	-1.20631	0.81426	0.939234	1.0647	0.54472	0.849338	-1.17739	0.766172	0.923631	-1.08268	0.110962	0.637221	-1.56931	0.798599	1.07048	1.07048	1.38509	1.5566	0.998956	1
cg24431722	ATP2B4;ATP2B4;ATP2B4	0.328439	0.835134	1.05622	1.05622	0.201153	0.701668	-1.42518	0.0217104	0.485208	-2.06097	0.511868	0.839797	-1.19076	0.69952	0.903224	-1.10715	0.961485	0.987407	-1.01275	0.157235	0.672352	-1.48732	0.81786	1.0624	1.0624	0.741106	1.09001	1.09001	1.38507	1.51089	0.96963	1
cg04678196	SGCG	0.328447	0.19217	0.349845	-2.85933	0.231107	0.581765	-1.71891	0.553349	1.30366	1.30366	0.643431	0.733457	-1.36355	0.453803	1.41124	1.41124	0.322788	0.643431	1.55459	0.483383	0.734455	1.36355	0.212812	0.463142	-2.16312	-2.15917	0.7317	0.861447	-1.16081	1.38505	4.11774	2.64265	1
cg26364598	SORCS1;SORCS1	0.328447	0.0665998	0.227653	-4.39266	0.158521	0.335357	-2.9819	0.70572	1.31383	1.31383	0.68414	1.34217	1.34217	0.0612246	0.219235	-4.56131	0.84724	0.870433	-1.14885	0.662704	0.729217	-1.37133	0.873602	0.891768	-1.12137	0.21498	0.39096	-2.55781	1.38505	11.356	7.28796	1
cg08009711	C2CD2;C2CD2	0.328453	0.0659905	0.161856	-6.17599	0.0776377	0.206622	-4.8451	0.107279	0.231855	-4.3211	0.281922	0.372599	-2.68503	0.0981535	0.38588	-2.59098	0.121464	0.711151	-1.40617	0.540288	0.880978	-1.1351	0.572178	0.82722	-1.20387	0.964751	0.990993	-1.00909	1.38512	0.919539	0.704006	1
cg22640193	MGAT5B;MGAT5B	0.328454	0.94524	1.02162	1.02162	0.149421	1.6181	1.6181	0.656461	0.860894	-1.14956	0.430798	0.778523	-1.28448	0.0387025	0.469697	2.12903	0.615408	1.17082	1.17082	0.452574	1.26902	1.26902	0.675667	0.877215	-1.13997	0.444121	0.784351	1.27494	1.38503	0.12631	1.36463	1
ch.11.2136200	PDGFD;PDGFD	0.328457	0.0489587	0.233546	-4.28181	0.0995944	0.3111	-3.2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg00469989	C6orf120;C6orf120;WDR27	0.32876	?	?	?	?	0.3543	-1.94589	0.0587403	0.359343	2.78286	0.5205566	1.38242	1.38242	1.7197777	1.8413911	-1.18851	1.60217	0.777148	-1.28676	0.125301	2.20949	2.20949	0.9058182	1.05802	1.05802	0.3818117	1.53723	1.53723	1.38278	4.4736	2.23522	1
cg18890548	MED7;MED7	0.32876	0.590323	0.9385442	-1.06548	0.9769961	1.00338	1.00338	0.225188	1.16028	1.16028	1.243903	1.21392	1.21392	0.0396584	1.32	1.32	0.2055532	1.16866	1.16866	0.228059	1.15911	1.15911	0.9480525	1.00764	1.00764	0.4683132	1.08997	1.08997	1.38419	0.2985568	0.1917332	1
cg24288310	STX5A;2	0.32876	0.318103	0.692238	-1.44459	0.550125	1.2405	1.2405	0.169533	0.593562	-1.68474	0.8456331	1.07195	1.07195	0.578117	0.818524	-1.12171	0.0807306	1.99446	1.99446	0.921129	1.03593	1.03593	0.567913	1.22847	1.22847	0.1262202	1.80354	1.80354	1.38418	2.785317	1.7887	1
cg27393652	DAXX;DAXX;DAXX;DAXX	0.32876	0.0594503	0.553638	-1.8095	0.8227	1.06451	1.06451	0.41154	1.26372	1.26372	0.6810022	1.12213	1.12213	0.8210681	1.065161	1.065161	0.4076465	1.789707	-1.26025	0.0816218	0.58393	-1.71253	0.88906	0.961841	-1.03967	0.2038227	0.689338	-1.45067	1.38418	1.709421	1.0939	1
cg18383391	MON1B	0.32876	0.651274	0.910584	-1.0982	0.2939666	0.591088	-1.6918	0.628087	1.10571	1.10571	0.728149	0.930685	-1.07448	0.9905578	1.00243	1.00243	0.707459	1.0807	1.0807	0.443894	0.851557	-1.17432	0.408591	1.19005	1.19005	0.179704	1.34091	1.34091	1.38416	0.9290023	0.596606	1
cg02881158	TRIM2;TRIM2	0.32873	0.332264	0.791769	-1.26299	0.123779	1.47566	1.47566	0.156302	1.44736	1.44736	0.193867	1.725508	-1.38274	0.663637	0.902899	-1.10754	0.3408646	1.2575	1.2575	0.654918	0.900315	-1.11072	0.113979	0.6609398	-1.49388	0.4678999	0.841632	-1.18817	1.34616	1.19451	0.7677102	1
cg03535049	KRTAP10-7;C21orf29	0.32877	0.416642	0.795595	-1.25692	0.1548986	2.28156	2.28156	0.716039	0.904269	-1.10587	0.968517	1.01093	1.01093	0.351921	1.30196	1.30196	0.68977	1.11686	1.11686	0.961387	1.01342	1.01342	0.725339	0.907409	-1.10204	0.9986558	0.999537	-1.00046	1.38415	1.6633	1.06816	1
cg24329793	ADAMTS4	0.32876	0.365599	1.55469	1.55469	0.060749	0.976909	-1.02364	0.362522	0.641262	-1.55935	0.7861552	0.878345	-1.1385	0.141631	0.472245	-2.11754	0.25214	0.556733	-1.7645	0.431753	1.46359	1.46359	0.0907795	0.447925	-2.42175	0.2932026	1.6803	1.6803	1.38412	4.93978	3.17235	1
cg10095801	C21orf63	0.32878	0.205685	2.64652	2.64652	0.0889704	0.592562	3.92562	0.234392	2.48108	2.48108	0.102157	1.68429	3.66271	1.9673	1.9673	1.9673	0.14453	3.13477	3.13477	0.0880331	1.64469	1.64469	0.167325	2.92429	2.92429	0.641227	1.40792	1.40792	1.38411	1.6497	0.748154	1
cg05627390	ABHD13;LIG4	0.32879	0.377203	0.883932	-1.13131	0.84403	0.973537	-1.02718	0.16946	0.859316	-1.22053	0.730153	0.95395	-1.04827	0.296539	0.862976	-1.15878	0.140284	1.24113	1.24113	0.60976	1.07261	1.07261	0.0923316	1.28691	1.28691	0.87417	1.02181	1.02181	1.38411	0.4063301	0.2609888	1
cg04747382	SMPD3	0.32879	0.555776	1.14864	1.14864	0.1158254	1.27532	1.27532	0.138354	0.849651	0.833963	-1.19909	0.8038386	0.95952	-1.04222	0.942356	1.06121	0.2958	1.69739	1.69739	0.0412256	1.08136	1.08136	0.0229624	1.98125	1.98125	0.0180727	1.08411	1.08411	1.50264	0.9650009	1	1
cg24637035	GCC62.1	0.32879	0.703635	0.826937	-1.20928	0.476275	0.697598	-1.43349	0.310406	0.593427	-1.68553	0.592439	0.758724	-1.318	0.932451	0.953758	-1.04848	0.37509	0.635963	-1.57242	0.0389574	0.304739	-3.28115	0.152181	2.14388	2.14388	0.259246	0.557009	-1.7953	1.3841	5.41873	3.47997	1
cg26959192	SPATA19	0.32879	0.156868	0.659829	-1.51725	0.0265362	0.454484	2.19547	0.978051	0.883218	-1.13222	0.8892555	1.075	1.075	0.215974	0.689752	-1.44978	0.203417	0.609318	-1.64066	0.284133	0.715435	-1.39775	0.992737	1.00122	1.00122	0.326556	0.738659	-1.3538	1.3841	1.96064	1.29115	1
cg20746108	AGAP1;AGAP1	0.32878	0.194179	0.829399	-1.86998	0.370276	0.403956	-2.47552	0.359624	2.52929	2.52929	0.247744	0.304056	-3.28887	0.0932516	0.162181	-6.16594	0.249299	0.305354	-3.27489	0.106598	0.176245	-5.67392	0.8531	0.833088	-1.20035	0.19441	0.258602	-3.86595	1.38409	21.2769	13.6644	1
cg16145598	ARHGEF10	0.3288	0.456019	1.3202	1.3202	0.518153	1.27087	1.27087	0.170107	0.885891	-1.1768	0.850769	0.933407	-1.07134	0.676287	1.16607	1.16607	0.750625	1.12374	1.12374	0.0326572	1.49558	1.49558	0.188946	1.6621	1.6621	0.653796	1.17961	1.17961	1.38408	2.93471	1.88474	1
cg00732115	ATP11A;ATP11A	0.32882	0.240267	1.302049	-1.37601	0.435257	0.463813	1.55404	0.53233	0.534838	-1.86973	0.7313158	0.70023	-1.42851	0.035753	0.490616	-2.10578	0.3947088	1.43121	1.43121	0.2109405	0.686958	-1.45569	0.0329	0.612492	-1.63286	0.0857212	0.159938	-6.25244	1.38408	20.4176	11.1127	1
cg10725937	TREM2	0.32889	0.981512	1.00861	1.00861	0.275239	0.521163	1.52163	0.530968	0.790805	-1.26453	0.367505	0.710111	-1.40823	0.267766	1.53253	1.53253	0.2704055	1.52857	1.52857	0.0458768	2.33105	2.33105	0.348128	1.56283	1.56283	0.7705513	0.897475	-1.11424	1.38406	2.99787	1.92533	1
cg09385598	MAPK12	0.32815	0.439313	1.09981	1.09981	0.943089	0.991122	-1.00896	0.327562	1.1267	1.1267	0.623445	1.0617	1.0617	0.846517	0.976892	-1.02365	0.0754329	1.2697	1.2697	0.453411	1.09652	1.09652	0.0757788	0.787857	-1.26927	0.511368	0.922785	-1.08368	1.38404	0.3109408	0.204906	1
cg10758676	ZDHHC14	0.32818	0.358956	1.08771	1.08771	0.432577	0.941371	1.33234	0.754972	0.23671	-4.23671	0.0739844	0.258886	-3.8627	0.218005	2.4094	2.4094	0.234875	2.32786	2.32786	0.109235	1.52713	1.52713	0.694955	1.30662	1.30662	0.578215	1.46397	1.46397	1.38403	1.04098	0.448313	1
cg15954878	DMD;DMD	0.32818	0.135406	0.453076	-2.20734	0.0837561	0.390062	-2.56369	0.641286	0.793882	-1.25963	0.599968	0.770802	-1.29735	0.137415	0.455194	-2.19687	0.0886674	0.396980	-2.51806	0.160976	0.478759	-2.08873	0.247984	0.55204	-1.81146	0.802401	1.13128	1.13128	1.38403	5.30459	3.40685	1
cg22962619	C10orf46	0.32818	0.262896	2.42263	2.42263	0.140568	0.792361	-1.2718	0.586586	0.65952	-1.51625	0.234443	0.572336	1.75295	0.87225	1.12075	1.12075	0.248242	2.49683	2.49683	0.132915	1.73198	1.73198	-1.2965	0.0833317	7.50693	0.312121	2.20927	2.20927	1.38402	12.5967	8.09028	1
cg24935452	SBNO2;SBNO2	0.32823	0.652948	0.876435	-1.14151	0.272006	0.715821	-1.397	0.360507	0.761753	-1.31276	0.310108	1.35947	-1.35947	0.50888	0.822062	-1.21645	0.0818307	0.569025	-1.75739	0.13607	1.55942	1.55942	0.354024	0.756685	-1.32155	0.925597	1.02769	1.02769	1.38402	1.87398	1.20357	1
cg25131497	GPR158;LOC100128811	0.32838	0.828229	0.579561	-1.72491	0.24201	0.952955	1.05048	0.945443	0.220106	-4.54543	0.0219476	0.859463	-1.16357	0.0408601	0.639394	-1.56404	0.548404	0.891298	-1.12156	0.623183	0.885674	-1.2412	0.0997908	1.03093	1.03093	0.0494861	0.653938	-1.5292	1.38398	0.7075058	0.515504	1
cg14450427	BAT2L1	0.32838	0.587132	-1.36565	-1.36565	0.045424	1.68499	1.68499	0.0441441	3.72235	3.72235	0.454905	1.5413	1.5413	0.497095	0.675788	1.47975	0.780165	1.17238	1.17238	0.931235	1.05028	1.05028	0.482417	1.50048	1.50048	0.841867	1.802671	-1.12023	1.38398	7.08141	4.54819	1
cg18678645	MRXB6	0.32841	0.15181	4.29756	4.29756	0.127968	0.477151	4.77151	0.654082	1.53465	1.53465	0.245633	3.16804	3.16804	0.143222	4.45431	4.45431	0.19579	3.66599	3.66599	0.062083	7.34996	7.34996	0.154417	4.25263	4.25263	0.218554	3.41742	3.41742	1.38397	19.7648	12.6944	1
cg07851057	BDP1;BDP1	0.32846	0.193603	1.52753	1.52753	0.0430257	0.463813	1.55404	0.533382	0.16763	-5.96763	0.0168442	0.13842	-7.22513	0.0134922	0.0735	-13.6035	0.0549616	0.758122	-1.31898	0.0242915	0.0735	-13.6035	0.0125581	1.3368	1.3368	0.235552	1.24653	1.24653	1.38393	0.6880933	0.442334	1
cg11529663	ST6GALNAC2	0.32851	0.280102	0.699332	-1.42994	0.271903	0.694692	-1.43949	0.23795	0.695859	-1.43707	0.377581	0.749477	-1.33426	0.136107	0.599563	-1.66788	0.358651	0.740337	-1.35074	0.024264	0.425101	-2.35238	0.867514	0.94821	-1.05462	0.779779	1.09339	1.09339	1.38394	2.22375	1.42829	1
cg18016148	EXT1	0.32856	0.698626	0.857181	-1.16661	0.723411	0.868718	-1.15114	0.295071	1.53743	1.53743	0.657586	0.42568	-2.34018	0.247733	0.61961	-1.61392	0.541933	0.783062	-1.27704	0.231761	0.64457	1.64457	0.486102	0.755535	-1.32357	0.234912	0.61071	-1.63744	1.38393	3.43881	2.20873	1
cg00763594	6	0.32859	0.119302	0.275888	-3.62466	0.952545	1.04638	1.04638	0.773966	1.24528	1.24528	0.377694	0.501808	-1.99279	0.107264	0.263044	-3.81615	0.430622	0.545869	-1.83194	0.0516987	0.1851	-5.40249	0.146892	0.30545	-3.27386	0.76727	0.79765	-1.25368	1.38392	12.7199	8.16993	1
cg01796194	CAMSAP1L1	0.32886	0.353882	1.14945	1.14945	0.257396	0.97659	-1.02416	0.488271	0.872321	-1.20887	0.414265	1.02497	1.02497	0.941548	1.16108	1.16108	0.0983107	2.02337	2.02337	0.0231	1.65118	1.65118	0.0953866	1.01822	1.01822	0.669202	1.10465	1.10465	1.38392	1.6699935	0.708014	1
cg04508884	DNAJA2	0.32863	0.418473	0.910893	-1.09782	0.410284	1.09972	1.09972	0.037867	0.761053	-1.3144	?	?	?	0.322923	0.891134	-1.12217	0.762672	1.03478	1.03478	0.975003	1.00354	1.00354	0.216724	0.863523	-1.15805	0.658463	1.0515	1.0515	1.38249	0.24803	0.179408	1
cg27593778	LAMP3	0.32887	0.271349	1.68173	1.68173	0.0136172	0.36172	2.76172	0.0533337	0.777653	-1.28585	0.0733838	0.696836	1.7989	-2.25172	0.134598	0.502079	0.132951	1.70894	1.70894	0.0598882	0.597579	-2.005	0.0133166	0.885869	1.00306	0.0044636	0.498753	-2.0058	1.38389	0.8003876	0.581576	1
cg24682541	TTLL8	0.32871	0.84904	-1.05334	1.05334	0.865326	0.954764	-1.04738	0.0502007	0.543976	-1.83831	0.617927	0.871852	-1.14698	0.219845	0.703398	0.42167	0.264418	0.728171	-1.3733	0.13425	1.55332	1.55332	0.609017	0.868764	-1.15106	0.426083	0.801206	-1.24812	1.38389	1.63004	1.04699	1
cg26581504	BCO2;BCO2	0.32877	0.994444	1.00307	1.00307	0.196922	1.82428	1.82428	0.623341	1.24376	1.24376	0.996393	1.00199	1.00199	0.0855321	0.43276	-2.31075	0.747621	1.15276	1.15276	0.212877	0.559694	0.559694	-1.78669	0.491722	0.735099	-1.36036	0.14239	2.00357	2.00357	1.38387	4.25637	2.73395	1
cg26763365	PLEKHG3	0.32878	0.110332	0.784118	0.4705	0.274375	0.837006	-1.19506	0.123151	0.884952	0.607944	-1.64492	0.133122	0.0897161	0.0645455	1.50273	0.665601	0.0800049	0.651455	1.53509	0.0115571	0.0756482	0.646295	-1.5571	0.213698	4.67945	-1.54119	0.0238285	0.0772974	-1.29412	0.550274	1.13737	1.13737	1.38386	1.0088	0.70941	1
cg20384671	RYR2	0.32882	0.128859	0.25372	-3.94134	0.1835385	0.30924	-3.23374	0.248126	0.364588	-2.74281	0.47146	0.542183	-1.84439	0.0814241	0.199068	-5.0234	0.235024	0.353401	-2.82965	0.890578	1.12191	1.12191	0.719219	0.739565	-1.35215	0.0578004	0.166529	-6.00494	1.38386	15.3066	9.83187	1
cg08144367	GMPS	0.32884	0.588802	0.897401	-1.11452	0.636987	0.765688	-1.30598	0.248354	0.835524	-1.19685	0.668742	1.07375	1.07375	0.0501	1.1184	1.1184	0.270204	0.81599	-1.2251	0.563044	0.546327	1.46032	0.0423	0.0236	-42.3688	0.0001	0.000125	1.19314	1.38381	0.771329	0.4647326	1
cg03229393	BTG3;BTG3	0.32883	0.243557	0.673642	-1.48447	0.0808223	0.523741	-1.87171	0.84489	0.933581	-1.06547	0.359194	0.736946	-1.35695	0.0145124	0.76247	-1.31153	0.186648	0.635564	-1.57341	0.212345	0.653569	-1.53006	0.0342265	0.440369	-2.22534	0.339103	0.726863	-1.37578	1.3838	2.29743	1.47576	1
cg07181374	PLEKHG5;PLEKHG5	0.32911	0.310037	0.669879	-1.49281	0.0520668	2.32309	2.32309	0.473583	1.3205	1.3205	0.691761	0.858995	-1.16415	0.479102	0.760002	-1.31579	0.858099	1.07065	1.07065	0.785649	1.10957	1.10957	0.106772	0.510868	-1.95745	0.674107	0.851022	-1.17506	1.38378	3.18829	2.04804	1
cg02025710	GPR142	0.32913	0.757472	1.09885	1.09885	0.641021	0.636987	-1.56588	0.210098	0.835524	-1.19685	0.668742	1.07375	1.07375	0.0501	1.1184	1.1184	0.274204	1.18599	1.18599	0.0653094	1.2251	1.2251	0.563044	0.546327	1.46032	0.0423	0.0236	-42.3688	1.38377	0.731329	0.4647326	1
cg03229393	BTG3;BTG3	0.32883	0.243557	0.673642	-1.48447	0.0808223	0.523741	-1.87171	0.84489	0.933581	-1.06547	0.359194	0.736946	-1.35695	0.0145124	0.76247	-1.31153	0.186648	0.635564	-1.57341	0.212345	0.653569	-1.53006	0.0342265	0.440369	-2.22534	0.339103	0.726863	-1.37578	1.3838	2.29743	1.47576	1
cg07181374	PLEKHG5;PLEKHG5	0.32911	0.310037	0.669879	-1.49281	0.0520668	2.32309	2.32309	0.473583	1.3205	1.3205	0.691761	0.858995	-1.16415	0.479102	0.760002	-1.31579	0.858099	1.07065	1.07065	0.785649	1.10957	1.10957	0.106772	0.510868	-1.95745	0.674107	0.851022	-1.17506	1.38378	3.18829	2.04804	1
cg02025710	GPR142	0.32913	0.757472	1.09885	1.09885	0.641021	0.636987	-1.56588	0.210098	0.835524	-1.19685	0.668742	1.07375	1.07375	0.0501	1.1184	1.1184	0.274204	1.18599	1.18599	0.0653094	1.2251	1.2251	0.563044	0.546327	1.46032	0.0423	0.0236	-42.3688	1.38377	0.731329	0.4647326	1
cg13159588	ZNF793;ZNF793	0.32926	0.867974	0.97006	-1.03086	0.159529	1.31605	1.31605	0.15826	1.31731	1.31731	0.980724	0.995596	-1.00442	0.944552	1.06156	1.06156	0.096798	0.716736	-1.39521	0.41374	0.858421	-1.16493	0.535205	1.12157	1.12157	0.206211	1.27584	1.27584	1.38374	0.7315562	0.469943	1
cg18830457	TC2N	0.32943	0.157444	1.48056	1.48056	0.0504316	0.84116	1.24116	0.605953	1.24959	1.24959	0.340302	1.43959	1.43959	0.0139382	1.6763	1.6763	0.0156955	2.08459	2.08459	0.0266539	2.02755	2.02755	0.0478744	1.51508	1.51508	0.0405491	1.13487	1.13487	1.38373	0.7222822	0.487854	1
cg11235848	UBA1;UBA1	0.32943	0.395033	0.664288	-1.50537	0.0162933	0.25175	-3.9722	0.777705	1.14214	1.14214	0.71775	1.18584	1.18584	0.671557	0.818509	-1.22173	0.531323	0.742486	-1.34683	0.404904	1.49207	1.49207	0.793079	1.13139	1.13139	0.863808	1.08395	1.08395	1.38369	4.83205	3.10413	1
cg26261052	RNF207;RNF207	0.32945	0.162688	0.703949	-1.42115	0.0994047	0.905736	-1.08739	0.315389	0.760853	-1.31482	0.708163	0.751867	-1.33092	0.0304158	0.768504	-1.30137	0.410504	1.11468	1.11468	0.0911	1.1601	1.1601	0.0917384	0.777311	-1.28649	0.0948985	0.620767	-1.61081	1.38368	1.16025	0.749154	1
cg20113284	AATK	0.32946	0.177263	3.38724	3.38724	0.893137	1.08497	2.08497	0.863655	1.00256	-1.00256	0.993742	1.00256	-1.00256	0.993742	1.00256	-1.00256	0.301796	1.91947	1.91947	0.248819	1.32107	1.32107	1.86277	1.86277	0.0012	0.0001	0.000169	0.536975	1.41409	0.3154965	0.2427	0.5247	1.38368	0.6086	0.18334	1
cg20337751	RBM9;RBM9	0.32955	0.67852	1.06461	1.06461	0.300024	1.17508	1.17508	0.113268	1.2955	1.2955	0.156558	0.796403	-1.25565	0.523684	1.10195	1.10195	0.363196	0.868487	-1.15143	0.88074	1.02281	1.02281	0.469844	1.11678	1.11678	0.113373	1.29539	1.29539	1.38366	0.494524	0.317692	1
cg02404014	RPP21	0.32965	0.553583	1.00503	-1.00503	0.257396	0.97659	-1.02416	0.114461	1.3501	1.3501	0.721459	0.939327	-1.06461	0.50661	1.10204	1.10204	0.223316	1.25072	1.25072	0.185237	1.03709	1.03709	0.956335	1.02504	1.02504	0.7911	1.22505	1.22505	1.38363	0.6699935	0.430388	1
cg05206789	AFF1	0.32979	0.629349	1.17777	1.17777	0.208308	1.56252	1.56252	0.790761	1.09359	1.09359	0.496047	1.2618	1.2618	0.656193	0.860066	1.1627	0.313366	0.704106	-1.42024	0.133046	0.579692	-1.72505	0.358905	1.37354	1.37354	0.099519	0.544761	-1.83567	1.38359	2.48041	1.59354	1
cg06838379	SYNPO;SYNPO2	0.32981	0.036402	1.31476	-1.46647	0.9202325	0.919239	-1.07274	0.820539	0.837399	-1.19417	0.921052	0.932876	-1.07195	0.0758445	0.250353	-3.99469	0.554405	0.691796	-1.52804	0.0945752	0.225823	-3.62551	0.995365	0.999936	-1.00408	0.9442048	0.655148	-1.52457	1.38358	2.54004	1.63917	1
cg00776304	GABRB2;GABRB2	0.32985	0.1636612	0.2624516	-3.81553	1.162403	1.15437	1.15437	0.527353	0.827437	-1.20855	0.83626	0.868564	-1.15133	0.477055	0.807404	-1.23844	-1.15133	0.477055	0.807404	-1.23844	-1.15133	0.477055	0.807404	-1.23844	0.0389928	0.493225	-2.02747	0.640322	0.747721	-1.3374	0.554455	1.19291	-1.19291	0.548376	1.19679	1.19679	1.38357	1.91718	1.23171	1
cg19133867	SNORD116-15	0.32899	0.452085	0.75905	-1.31744	0.897625	0.954734	-1.04741	0.774962	1.10866	1.10866	0.421226	1.34404	1.34404	0.278116	0.666407	-1.50058	0.530518	1.2569	1.2569	0.09245	1.096601	1.096601	-1.00341	0.0329311	2.46315	2.46315	0.276355	0.665335	-1.503	1.38356	2.83773	1.82314	1
cg02839347	PRLHR	0.32904	0.565479	0.897105	-1.11495	0.7013475	1.20727	1.20727	0.0744	0.926982	-1.07857	0.344849	0.926982	-1.07857	0.344849	0.926982	-1.07857	0.344849

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105 N)	Fold-Change(1 vs.105T vs. N)	p-value(111 N)	Fold-Change(1 vs.111T vs. N)	p-value(112 N)	Fold-Change(1 vs.112T vs. N)	p-value(121 N)	Fold-Change(1 vs.121T vs. N)	p-value(221 N)	Fold-Change(1 vs.221T vs. N)	p-value(347 vs. N)	Fold-Change(1 vs.347T vs. N)	p-value(353 N)	Fold-Change(1 vs.353T vs. N)	p-value(537 N)	Fold-Change(1 vs.537T vs. N)	p-value(537 vs. N)	Fold-Change(1 vs.537T 37T vs. N)	p-value(5 vs. N)	p-value(563 vs. N)	Fold-Change(1 vs.563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg11815980	FHIT;FHIT		0.329344	2.048454	-4.02489	0.510833	0.602914	-1.65861	0.26023	0.418188	2.39131	0.521596	1.63593	1.63593	0.0545836	0.19161	-5.2182		0.123281	1.282014	-1.54593	0.43845	0.547958	-1.82496	0.850807	1.15358	1.15358	0.758952	0.791982	-1.26266	1.38259	12.5722	8.88283	1
cg26039926	USP9X;USP9X		0.329345	0.579812	1.20202	1.202202	0.549718	0.804747	-1.24263	0.837158	0.93453	-1.07006	0.897401	0.958444	-1.04336	0.431403	0.767815	1.3024		0.761132	0.904552	-1.10552	0.123088	1.73259	0.76763233	1.96127	1.96127	0.121537	1.73721	1.73721	1.38259	2.37036	1.52395	1
cg04784898	FOXN4		0.329361	0.523373	0.756842	-1.32128	0.0856557	2.26674	2.26674	0.542284	0.766659	-1.30436	0.657126	0.824941	-1.21221	0.0487377	0.37922	-2.63699		0.328526	0.647633	-1.54408	0.403303	0.691832	-1.44544	0.826565	0.909803	-1.09914	0.622695	0.807642	-1.23817	1.38254	4.06317	2.61236	1
cg10354244	APOD01		0.329365	0.288046	0.747251	-1.33824	0.512979	0.819166	-1.19155	0.832062	1.0577	1.0577	0.4656621	0.821917	-1.21667	0.2180595	0.72148	-1.38604		0.714049	1.10209	1.102009	0.0208293	0.509827	-1.98481	0.443599	1.22915	1.22915	0.264119	0.735308	-1.35997	1.38253	1.52776	0.982263	1
cg14500628	RC3H2;RC3H2		0.329368	0.958245	1.01274	1.01274	1.229726	1.48543	1.48543	0.106174	1.53197	1.53197	0.184883	1.40486	1.40486	0.0136243	0.917679	-1.08971		0.923341	1.02354	1.023546	0.0785763	1.60368	1.60368	0.394347	1.23479	1.23479	0.47501	0.83894	-1.19198	1.38253	1.27962	0.822728	1
cg13065624	LOC284688		0.329378	0.12935	0.310034	-3.22546	0.125791	0.305882	-3.28224	0.639678	1.40095	1.40095	0.9130388	0.941722	-1.06188	0.128315	0.308676	-3.23964		0.141103	0.322456	-3.10119	0.155938	0.337748	-2.96079	0.16252	0.344326	-2.90423	0.751223	0.796582	-1.25536	1.3825	11.1953	7.10808	1
cg21852150	PRICKLE1;PRICKLE1;PRICKLE1		0.329381	0.979886	1.01227	1.012227	0.266408	0.571171	-1.75079	0.357378	0.632672	-1.5806	0.858842	0.917501	-1.08992	0.175895	0.498552	-2.00581		0.306086	1.66949	1.66949	0.0294504	0.280307	-3.45653	0.938574	0.96341	-1.03798	0.970954	1.01777	1.01777	1.38249	5.12195	3.29322	1
cg13409589	NAP1L4		0.329392	0.0155757	0.695104	-1.43863	0.129596	0.810588	-1.22236	0.456297	0.911167	-1.09749	0.964259	0.994521	-1.00551	0.853631	1.02194	1.02194		0.936548	0.990285	1.02984	0.792894	0.997359	-1.00265	0.808525	0.970067	-1.03022	0.901186	1.01535	1.01535	1.38246	0.329181	0.211655	1
cg15188101	SRRM3		0.329397	0.1775	0.7000967	-14.266	0.0696448	0.0232132	-43.0788	0.0403642	0.0123797	-80.7774	0.307476	0.140969	-7.09378	0.284612	0.127279	-7.85678		0.754786	1.78796	1.78796	0.582955	0.357575	-2.79662	0.351563	0.168972	-5.91813	0.460852	0.248483	-4.02442	1.38245	75.3075	48.4214	1
cg14132357	ZNF443		0.329398	0.267122	1.03963	1.039632	0.0918222	0.863855	-1.15755	0.863855	0.876272	-1.1386	0.878435	0.915316	1.08621	1.08621	0.0534479	1.64184		0.238328	1.32201	1.322011	0.140249	0.927561	-1.07811	0.315704	0.755109	-1.32428	0.379259	1.22847	1.22847	1.38244	1.11848	0.771563	1
cg05632351	NUTF2;CENPT		0.329402	0.506958	0.908972	-1.10014	0.599319	0.927601	-1.07805	0.179348	1.22408	1.22408	0.550413	0.88942	-1.08942	0.196942	0.824167	-1.21335		0.358439	1.14324	1.14324	0.485168	0.90434	-1.10578	0.222638	1.19923	1.19923	0.140932	0.798923	-1.25168	1.38243	0.439995	0.282912	1
cg25884415	RASSF4		0.329403	0.611241	0.8443102	-1.18445	0.254837	1.48171	1.48171	0.57597	1.20509	1.20509	0.998513	0.999393	-1.00051	0.0446606	0.467162	-2.14059		0.824005	0.929098	-1.07601	0.188797	0.625526	-1.59866	0.094919	0.732633	-1.36494	0.228825	0.659044	-1.51755	1.38242	2.38663	1.53458	1
cg17762073	GRM4		0.329408	0.340055	0.533528	-1.87431	0.66687	0.758165	-1.31897	0.775007	1.20094	1.20094	0.311559	0.512285	-1.95204	0.0340074	0.205734	-4.86044		0.499827	0.645561	-1.54804	0.467305	1.60413	1.60413	0.0894744	1.302304	-3.30792	0.665695	0.75749	-1.32015	1.38242	8.93825	5.74727	1
cg17749374	SH3BP2		0.329415	0.796816	0.9102119	-1.09864	0.208285	0.631057	-1.58464	0.0253697	0.397617	-2.51498	0.985588	1.00629	1.00629	0.994216	1.00255	1.00256		0.609693	1.19563	1.19563	0.93991	0.974177	-1.02651	0.493845	1.27267	1.27267	0.182837	0.6123	-1.63319	1.3824	2.63655	1.69531	1
cg11256387	CDL23A1		0.329416	0.254878	2.35563	2.35563	0.613788	0.649119	-1.44026	0.0950721	0.257968	-3.87645	0.119556	0.340343	1.40343	0.325542	0.48015	-2.08268		0.148102	0.250504	-3.99203	0.0205124	0.542353	-1.84382	0.677949	1.34885	1.34885	0.695454	0.754352	-1.32564	1.41936	11.2812	6.18187	1
cg11760602	LOC134443		0.329421	0.455073	0.882075	-1.13369	0.565069	0.90868	-1.1005	0.614315	0.919616	-1.08741	0.750302	0.948707	-1.05407	0.488725	1.12299	1.12299		0.308213	1.18998	1.18998	0.123106	0.759206	-1.31717	0.0559727	1.42911	1.42911	0.687043	0.935389	-1.06907	1.38238	0.595478	0.382901	1
cg01819206	RPY2		0.329423	0.99502	0.9656605	-1.03562	0.424591	1.14557	1.14557	0.142157	0.131452	2.03167	2.03167	0.201617	0.272124	0.612222	-1.63434	0.660901	0.827792	-1.20862	0.631001	1.23088	1.23088	0.035918	2.93024	2.93024	0.0114	0.878615	1.0628	1.0628	1.38238	4.03179	2.59378	1
cg02234114	ZNF628		0.329424	0.37637	2.29055	2.29055	0.902069	0.966003	-1.03519	0.542421	0.788223	1.18823	1.18823	0.0774491	1.74307	1.74307	0.581648	1.16925	1.16925		?	?	?	0.0374494	1.97083	1.97083	1.97083	0.0398392	1.53483	1.53483	1.11146	1
cg09476891	RASGEF1B		0.329425	0.111005	0.675747	-1.47984	0.955766	0.987557	-1.0126	0.569344	0.878256	-1.13862	0.172141	0.720316	-1.38828	0.202844	1.35456	1.35456		0.325547	0.79521	-1.25753	0.135604	0.695534	-1.43774	0.689296	1.09496	1.09496	0.536106	1.15192	1.15192	1.38237	1.11561	0.717358	1
cg00431673	DLC1;DLC1;DLC1 APLP2;APLP2;APLP2;APLP2;APLP2;APLP2		0.329426	0.354175	2.6816	2.6816	0.550904	0.935473	-1.07933	0.9534601	0.482121	2.07417	0.373209	0.200592	2.01096	0.3603882	0.29644	-3.37224		0.372723	2.02648	2.02648	0.271775	0.241059	4.14789	0.0626297	0.42974	2.32653	0.118174	1.68089	1.68089	1.38237	12.9588	8.32761	1
cg12236761	2		0.329426	0.393988	0.710624	-1.40721	0.219174	1.67266	1.67266	0.146315	1.84063	1.84063	0.758229	0.886489	-1.12805	0.0717848	0.455442	-2.19567		0.501295	0.765641	-1.30609	0.518435	0.774031	-1.29194	0.378524	0.70223	-1.42404	0.820502	1.09299	1.09299	1.38237	3.35147	2.15506	1
cg13337740	RAD51L3;RAD51L3;RAD51L3		0.329448	0.123163	0.588525	-1.69916	0.215855	1.51204	1.51204	0.140757	1.65355	1.65355	0.189281	0.64313	-1.55489	0.343713	0.73373	-1.3629		0.515401	1.23289	1.23289	0.688946	0.880096	-1.13624	0.735608	0.898003	-1.11358	0.84459	0.939603	-1.06428	1.38231	2.20589	1.41849	1
cg01502893	LENG8		0.329452	0.30096	0.885862	-1.12884	0.881005	0.808301	-1.23716	?	?	?	0.300038	0.885643	-1.12912	0.732116	0.10962	1.03962		0.328424	0.8922	-1.12082	0.636836	0.51025	-1.95625	0.311416	1.12572	1.12572	0.276472	1.13655	1.13655	1.38084	0.248566	0.18001	1
cg02330432	FAM60B		0.329455	0.0505551	1.28766	1.287662	0.0139604	0.0175284	-3.75995	0.0139604	0.0125768	-3.75995	0.0139604	0.0125768	1.15852	1.15852	0.0139607	1.59462		0.66862	1.1838	1.18384	0.0889332	0.0945653	-1.05747	0.0139607	0.27512	0.27512	0.0139607	1.28012	0.27512	0.27512	1.38084	3.28012	2.10028	1
cg02963878	CHRNA4		0.329456	0.448104	1.60684	1.606844	0.442073	1.61744	1.61744	0.337655	1.83378	1.83378	0.43966	1.62172	1.62172	0.0462901	0.246477	4.05718		0.58885	1.39761	1.39761	0.153036	2.55674	2.55674	0.386523	1.72383	1.72383	0.91787	1.06532	1.06532	1.38229	8.23881	5.29803	1
cg25597745	HLA-DQB1		0.329465	0.167384	0.629712	-1.58797	0.124844	0.270308	-3.70006	0.0424035	0.164784	-6.07478	0.0884	0.282056	2.82056	0.354512	0.354512	-2.82056		0.282845	0.366355	-2.72993	0.0531548	0.141247	-7.07982	0.0884	0.282227	3.54184	0.0884	0.282227	1.38228	1.38228	17.748	11.4046	1
cg24804388	ZNF286A;ZNF286A		0.329464	0.164288	0.817045	-1.22392	0.165597	0.792816	-1.26133	0.452645	0.900164	-1.10198	0.486903	1.10096	1.10096	0.75484	0.958246	-1.04357		0.967989	1.00548	1.005478	0.172115	0.820449	-1.21885	0.125784	1.25304	1.25304	0.954514	0.990737	1.00935	1.38226	0.405888	0.261014	1
cg10976772	ACOT7;ACOT7;ACOT7;ACOT7		0.329482	0.973942	0.981013	-1.01935	0.290969	0.525654	-1.90239	0.160814	2.4087	2.4087	0.455543	1.5621	1.5621	0.504203	0.671827	-1.48848		0.72782	0.81461	-1.22758	0.0610857	0.289767	-3.45105	0.172982	0.426975	-2.34206	0.963348	1.02734	1.02734	1.38221	7.53962	4.84866	1
cg20820299	MAML2		0.329483	0.814349	0.825335	-1.21158	0.163624	0.536274	-1.86498	0.171917	0.561262	-1.78177	0.156282	0.558973	1.12422	1.12422	0.0855179	1.24223	1.24223	0.149932	0.803885	-1.24378	0.0504236	0.377834	-2.64666	0.903688	0.948533	-1.05426	1.38221	4.17078	2.68221	1
cg18146964	NEIL1;MIR631		0.329498	0.11838	0.814912	-2.38429	0.895458	0.934841	-1.0697	0.833796	0.897905	-1.1137	0.426731	0.515771	0.515771	0.0265805	0.259988	3.84633		0.500675	1.41953	1.41953	0.764843	0.857487	-1.1662	0.796648	0.876037	-1.1415	0.497518	0.702583	-1.42332	1.38217	5.74998	3.69788	1
cg12940420	HMI13;HMI13;HMI13		0.329501	0.617549	1.257983	1.257983	0.0324955	0.0179746	-5.56007	0.0324955	0.0179746	-5.56007	0.0324955	0.0179746	1.34054	1.34054	0.0324955	1.50773	1.50773	0.075041	1.23441	1.23441	0.0324955	1.50773	0.075041	0.0324955	0.0324955	0.0324955	1.17362	0.075041	0.0324955	0.0324955	1.38217	1.17362	0.0324955	1
cg04576182	LGALS4		0.329512	0.221977	0.875117	-1.1427	0.955065	0.994161	-1.00587	0.503752	0.931915	-1.07306	0.304443	0.895361	-1.11687	0.03839	0.779317	-1.28317		0.592037	1.05783	1.05783	0.364332	0.907667	-1.10173	0.132304	0.844676	-1.18389	0.164612	0.857197	-1.16659	1.38213	2.36424	0.152051	1
cg20239639	LCK;LCK		0.329513	0.118358	1.73606	1.736061	0.221786	1.51862	1.51862	0.141689	0.761022	-1.31402	0.168468	1.61195	1.61195	0.853508	0.16123	1.06123		0.043475	2.12852	2.12852	0.582392	1.19804	1.19804	0.420955	1.30667	1.30667	0.548904	1.21814	1.21814	1.38213	2.31704	1.49016	1
cg29737175	PHRF1		0.329514	0.330932	1.73879	1.73879	0.0973	0.0966	-10.3511	0.0966	0.0966	-10.3511	0.0966	0.0966	1.15358	1.15358	0.0966	1.73879	1.73879	0.0966	1.15358	1.15358	0.0966	1.73879	0.0966	0.0966	0.0966	0.0966	1.73879	0.0966	0.0966	0.0966	1.38213	1.73879	0.0966	1
cg09723797	SIAH2		0.329514	0.984665	0.995597	-1.00442	0.997841	1.00062	1.00062	0.0431257	1.76612	1.76612	0.763261	0.932997	-1.07181	0.238729	0.753208	-1.3275		0.649215	1.11086	1.11086	0.209404	0.73805	-1.35492	0.380891	0.813355	-1.22918	0.348186	0.801119	-1.24825	1.38213	1.15381	0.742049	1
cg27042959	C7orf20		0.329515	0.4154365	0.796095	-1.25602	0.0921664	0.507166	-1.97458	0.132435	0.37945	-2.63575	0.160886	0.450878	1.22168	1.22168	0.0153158	2.18385		0.574508	1.11838	1.11838	0.459349	1.10684	1.10684	0.292769	1.20812	1.20812	0.382009	1.16546	1.16546	1.38212	1.21814	0.810643	1
cg13966628	FMN2		0.329523	0.09786	0.6057	-1.65126	0.707681	0.368792	-2.71156	0.554663	1.35423	1.35423	0.623013	0.777695	-1.28585	0.151352	0.458337	2.1818		0.45941	1.682334	-1.46556	0.136179	0.442739	-2.25867	0.209346	0.51098	-1.95702	0.900882	0.938731	-1.06527	1.38208	0.636009	3.62486	1
cg07222263	TXLNA		0.329533	0.0548995	0.640415	-1.56149	0.0815919	1.48455	1.48455	0.892455	0.97269	-1.02808	0.30025	1.22834	1.22834	0.334496	1.22599	1.22599		0.881975	0.970047	-1.03088	0.899687	1.02615	1.02615	0.633141	1.10344	1.10344	0.983311	0.997006	-1.003	1.38207	0.917208	0.589907	1
cg14870234	ARMCX3;ARMCX3;ARMCX3		0.329539	0.0746204	0.796095	-1.25602	0.0921664	0.507166	-1.97458	0.132435	0.37945	-2.63575	0.160886	0.450878	1.22168	1.22168	0.0153158	2.18385		0.574508	1.11838	1.11838	0.459349	1.10684	1.10684	0.292769	1.20812	1.20812	0.382009	1.16546	1.16546	1.38206	1.21814	0.810643	1
cg24199204	CASBP		0.329546	0.155658	1.37011	1.370086	0.45107	1.45107	0.50721	0.868501	-1.15141	0.340542	1.22579	1.22579	0.97758	0.99429	-1.00574		0.538931	1.13763	1.13763	0.367058	1.21175	1.21175	0.11333	0.69966	-1.42926	0.971087	1.00754	1.00754	1.38204	0.940405	0.604842	1
cg08031109	UUC1		0.329546	0.3447	1.94667	1.946667	0.0648313	0.0403	-24.8113	0.0403	0.00704	-142.045	0.0403	0.00704	1.02307	1.02307	0.0403	24.8113		0.653883	1.02307	1.023072	0.0403	24.8113	1.02307	0.0403	0.0403	0.0403	1.02307	0.0403	0.0403	0.0403	1.38204	1.02307	0.0403	1
cg11721366	KCNG4		0.329548	0.483156	1.2063	1.2063	0.420577	1.24178	1.24178	0.941632	0.980914	-1.01946	0.93923	0.978189	-1.0223	0.320394	1.31023	1.31023		0.881975	0.970047	-1.03088	0.899687	1.02615	1.02615	0.633141	1.10344	1.10344	0.983311	0.997006	-1.003	1.38207	0.917208	0.589907	1
cg23167906	FGF19		0.329553	0.816478	0.851796	-1.17399	0.0329134	0.178786	5.59129	0.178786	0.178786	5.59129	0.178786	0.178786	1.18455	1.18455	0.178786	5.59129		0.607934	1.16359	1.163591	0.0806201	0.860004	1.16359	0.178786	0.178786	0.178786	1.16359	0.178786	0.178786	0.178786	1.38204	1.16359	0.178786	1
cg12575614	RAB1A;RAB1A		0.329556	?	?	?	?	0.148993	1.64203	0.148993	1.64203	0.148993	1.64203	0.148993	1.64203	0.148993	1.64203	0.148993		0.27448	1.95544	1.955443	0.0494514	0.836232	1.95544	0.0494514	0.0494514	0.0494514	1.58347	0.836232	0.0494514	0.0494514	1.38204	1.58347	0.836232	1
cg14853922	TOR3A;TOR3A		0.329561	0.172574	0.777426	-1.2863	0.62178	0.917372	-1.09007	0.737756	0.943386	-1.06001	0.273631	0.820715	-1.21845	0.221357	0.80016	-1.24975		0.219955	0.799562	-1.25068	0.556526	0.901999	-1.10865	0.102332	1.36351	1.36351	0.398313	1.16181	1.16181	1.382	0.658355	0.423445	1
cg00837501	PCDH18		0.329563	0.811449	0.795284	-1.25703	0.332645	0.836158	-1.19589	0.208558	0.426239	-2.3461	0.831965	0.875	1.14287	1.14287	0.0610893	1.36193	1.36193	0.26186	0.675	1.48148	0.0173355	0.740741	-1.35025	1.35025	1.35025	0.0173355	1.35025	1.35025	1.35025	0.0173355	1.38201	1.35025	1.35025	1
cg22773282	DBX1		0.329571	0.117804	0.683242	-1.46361	0.501422	0.16535	-6.16535	0.684318	0.912405	-1.096	0.390442	0.820901	-1.21817	0.155516	0.710942	1.40658		0.584602	1.1318	1.1318	0.15382	0.711091	-1.40629	0.491094	1.16982	1.16982	0.274842	1.29019	1.29019	1.38197	1.10081	0.708042	1
cg06976598	PRKG1;PRKG1		0.329572	0.266411	0.531448	-1.8746	0.0979978	0.0199	-1.00476	0.200107	0.479748	-2.08443	0.315556	0.413573	-2.41912	0.449586	0.658345	-1.51896		0.380097	1.14303	1.143063	0.0705246	0.336619	-2.97451	0.445286	1.52539	1.52539	0.0480955	0.613882	-1.62888	1.38197	6.44556	4.24962	1
cg04889790	MORN1		0.329574	0.0648168	0.449692	-2.02122	0.0996715	0.546813	-1.82878	0.546813	0.756436	-1.3218	0.546813	0.756436	-1.7548	0.840924	0.934982	-1.06954	0.0914935	0.537037	0.82007	-1.21939	0.0914935	0.537037	0.82007	-1.21939	0.0914935	0.537037	0.82007	-1.21939	0.0914935	0.537037	0.82007	-1.21939	1.38197

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg23381646	GCK;GCK;GCK	0.329967	0.808845
cg21395152	ATF3	0.329968	0.796763
cg04809787	CHRNB1	0.329969	0.178352
cg24008358	TMEM132D	0.32997	0.808661
cg11853000	ZNF763	0.329975	0.300897
cg15201599	COG3	0.329977	0.314936
cg22235417	ZNF214;NLRP14	0.329981	0.404448
cg01537995	FLRT2	0.329986	0.889394
cg18358588	ZNF322A	0.329987	0.337608
cg11650704	ADAR;ADAR;ADAR;ADAR	0.329989	0.0931971
cg00104707	AEN	0.329995	0.461878
cg06742180	XIAP	0.330001	0.135954
cg02992544	FAM20C	0.330004	0.948553
cg00733782	TRIM24;TRIM24	0.330005	0.380651
cg11077225	PIWIL4;PIWIL4	0.330005	0.721356
cg15851696	PDE1A;PDE1A	0.33001	0.450133
cg09900489	KIRREL3;KIRREL3	0.33001	0.580976
cg23800587	PROZ	0.33002	0.0958049
cg10575846	PTDSS2	0.33002	0.781662
cg07876831	TMCO3	0.330021	0.376731
cg01624571	SMAD3;SMAD3	0.330022	0.92587
cg24115032	APCDD1L	0.330024	0.450309
cg01872447	AMDHD1;CCDC38	0.330026	0.0510479
cg23355674	ZNF467;ZNF467	0.330032	0.709398
cg02629313	CRIM1	0.330041	0.275815
cg13464573	RNF144A	0.330041	0.774732
cg14054467	FBXO10	0.330045	0.0683514
cg14631276	KIAA1875	0.330053	0.137265
cg07634959	ARSJ	0.330054	0.3643
cg25012987	LOC401629;LOC401630	0.330057	0.403238
cg02626012	EFHA2	0.330065	0.437295
cg25695166	ACBD7	0.330066	0.734204
cg27010833	C10orf76	0.330073	0.645877
cg05520031	FAM125B	0.330081	0.235654
cg00601743	ZCCHC14	0.330085	0.388528
cg05928219	ANAPC1	0.330095	0.944293
cg25122511	SYTL2	0.330095	0.328212
cg01869273	MERTK	0.3301	0.684088
cg26983326	ARHGEF5L	0.330104	0.0540711
cg18855195	RIBC2	0.330105	0.249797
cg24733298	DLGAP5;DLGAP5	0.330116	0.500032
cg25226657	PPARGC1B	0.330124	0.87541
cg26070081	IQUB	0.330124	0.563411
cg12045337	SP5	0.330126	0.0515714
cg20775837	SNRPN;SNRPN;SNRPN;SNRPN;SNURF;S NURF;SNRPN	0.330128	0.221372
cg02094363	NPAS3;NPAS3;NPAS3;NPAS3	0.33013	0.141389
cg10500474	TNXB	0.33013	0.927625
cg07824364	CENPL;CENPL;CENPL;CENPL;DARS2;CEN PL	0.330135	0.437156
cg19923650	NKX2-5;NKX2-5;NKX2-5	0.330137	0.0262254
cg24997886	SAMD11	0.330138	0.219145
cg12182497	IKBKB	0.330143	0.363135
cg06239131	LOC115110	0.330145	0.977554
cg02758053	U2AF2;U2AF2;U2AF2;U2AF2	0.330157	0.586022
cg13412452	DDX31;GTF3C4;DDX31	0.33016	0.997307
cg17689601	NRG3;NRG3;NRG3	0.330161	0.96278
cg25748136	AXIN2	0.330164	0.131102
cg09121695	GPR124	0.330165	0.0585884
cg14889079	NDUFA3	0.330166	0.659704
cg14183693	CEND1	0.330174	0.264612
cg02504326	NDUFA2;IK	0.330175	0.469391
cg03208489	MARK2;MARK2;MARK2;MARK2	0.330175	0.635666
cg00673191	DOPEY2	0.330179	0.998046
cg19010490	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEI S2;MEIS2	0.330181	0.59045
cg01552128	FBXL16	0.330183	0.781111
cg01632703	HRNBP3	0.330185	0.900893
cg15945407	PARD3B;PARD3B;PARD3B	0.330206	0.676709
cg14597492	RNF139	0.330207	0.0770044
cg23847089	MRPL12	0.330209	0.481501
cg08926967	LOC441089	0.330211	0.878382
cg06830415	CNPY4	0.330212	0.426165
cg06489433	ANKRD11	0.330219	0.10736
cg14040871	COL27A1;MIR455	0.330233	0.258499
cg19792266	ZDHHC15;ZDHHC15;ZDHHC15;ZDHHC1 5;ZDHHC15;ZDHHC15	0.330236	0.116513
cg21774136	RERE;RERE	0.330238	0.234191
cg03959733	C18orf55;FBXO15;FBXO15	0.33024	0.168954
cg03615408	CARM1	0.330242	0.112195
cg18324126	WRN;PURG;PURG;PURG	0.33025	0.33979
cg22873177	URB2;TAF5L;TAF5L	0.33026	0.255815
cg12528349	JAZF1	0.330268	0.537888
cg00452257	SELV	0.330269	0.20329
cg17245337	SYF2;SYF2	0.330269	0.356091
cg26543799	ICA1L;ICA1L	0.330286	0.112517
cg14659840	RHOG	0.330287	0.404101
cg26511551	PAK3;PAK3;PAK3	0.33029	0.0621955
cg17199658	SNX31	0.330302	0.0646424
cg07787851	ZNF474	0.330306	0.172733
cg07392088	GTPBP4	0.330308	0.88398
cg14014225	SLC16A8	0.33031	0.561066
cg05885959	C19orf22	0.330311	0.76152
cg13723731	CA8	0.330314	0.0890638
cg12439834	ATAD3B	0.330329	0.120748
cg03209103	SGCE;SGCE;PEG10;SGCE;PEG10	0.330333	0.225214
cg15726378	BUD13;BUD13	0.330333	0.84248
cg09138627	GIGYF2;GIGYF2;GIGYF2;GIGYF2	0.330335	0.173314
cg24277128	CSNK2B;BAT4;CSNK2B	0.330336	0.361152
cg07821496	TDRKH;TDRKH;TDRKH;TDRKH;TDRKH;T DRKH;TDRKH;TDRKH	0.330342	0.0908431
cg08386537	LOC440925	0.330343	0.170374
cg06879705	LIPT1;LIPT1;LIPT1;LIPT1;LIPT1;TSGA10	0.330352	0.812377
cg13399569	ADAM10	0.330353	0.422134
cg02929371	MAOB;MAOB	0.330357	0.454183
cg13074682	GPR176	0.330361	0.214492
cg04086468	DGKG;DGKG;DGKG	0.330367	0.963898
cg02405609	DCTD;DCTD	0.330368	0.596522
cg21745287	ARL6IP4;ARL6IP4;OGFOD2;ARL6IP4;ARL 6IP4	0.330368	0.931589
cg01499522	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.330369	0.171682
cg17679521	C19orf50	0.33037	0.920764
cg04297922	MEX3A	0.330371	0.116986
cg05996512	TLN2	0.330373	0.534362
cg11087736	AP4E1	0.330376	0.800735
cg09722397	GRIN2C;GRIN2C	0.330376	0.299069
cg01521688	TEAD4;TEAD4;TEAD4	0.330379	0.361828
cg14178696	MADD;MADD;MADD;MADD;MADD;M ADD;MADD;MADD;MADD;MADD;MAD D	0.330386	0.261996
cg02987635	C10orf11	0.330387	0.156186
cg08625382	EPHA4	0.330389	0.230641
cg09668168	THOC4	0.33039	0.889054
cg25762753	GPR156;GPR156	0.330392	0.230036
cg16043990	PPP1R13B	0.330393	0.29888
cg08730747	GLIS2	0.330393	0.470335
cg17423498	EXO1;EXO1;EXO1	0.330395	0.830519
cg06024391	BPGM;BPGM	0.330399	0.179756
cg16154857	FRMD4B	0.330404	0.953073
cg15934607	RASA3	0.330406	0.157096
cg20262306	SHH	0.330427	0.312981
cg17163752	GOLGA8A	0.330428	0.303948
cg20961637	CAMKK1;CAMKK1	0.330435	0.0728524
cg15429732	ZFPL1;CDCA5	0.330435	0.908895
cg14090374	SYDE2	0.330448	0.32835
cg14038647	NUP210	0.330456	0.0406839
cg03184439	ICT1	0.330458	0.504303
cg21509846	BEX1	0.330468	0.0341788
cg22026368	RIPK4	0.33047	0.759035
cg23716800	NMNAT2	0.330479	0.864362
cg16406141	MEG8	0.330491	0.0979352

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1477 vs. N)	p-value(1477 vs. 1047)	p-value(3537 vs. N)	Fold-Change(5 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02049900	ADAT3;SCAMP4	0.330516	0.662524	0.754237	-1.32584	0.0409001	0.21967	-4.55229	0.118251	0.336443	2.97227	0.510071	1.50307	1.503077	0.513934	0.653683	-1.52979	0.985392	0.98831	-1.01183	0.93676	1.05229	1.05229	0.32009	1.93463	1.93463	0.539353	1.49564	1.49564	1.37939	0.01178	5.80725	1
cg08934990	HAGH;HAGH;FAM13A1;HAGH;HAGH;FAH	0.330526	0.169236	1.61214	1.61214	0.308998	0.709406	-1.40263	0.8272	1.07389	1.07389	0.09282392	0.547563	-1.83751	0.946658	1.11245	1.11245	0.709935	0.885298	-1.12956	0.838694	1.06872	1.06872	0.12236	1.72627	1.72627	0.709015	1.3414	1.3414	1.37936	2.32207	1.46907	1
cg05383565	CITED2;CITED2;CITED2	0.330536	0.367999	0.780344	-1.27381	0.714656	0.908446	-1.10078	0.363918	1.27632	1.27632	0.15869	0.674373	-1.48286	0.540609	1.1757	1.1757	0.908375	0.970343	-1.03056	0.0517707	0.560565	-1.78391	0.229901	0.719147	-1.39015	0.237601	0.723631	-1.38392	1.37936	1.49384	0.962659	1
cg12175940	TXNRD2;COMT;COMT	0.330538	0.0190789	0.29469	-3.39339	0.880221	0.937126	-1.06709	0.468992	1.37338	1.37338	0.527107	0.756033	-1.33269	0.284979	0.619852	-1.61329	0.336658	0.652716	-1.53206	0.726342	0.85957	-1.16337	0.554409	1.29372	1.29372	0.972479	0.01497	1.01493	0.973393	4.05145	2.6109	1
cg07836398	DDR1;DDR1	0.330539	0.942076	0.944119	-1.05919	0.660167	0.704602	-1.43524	0.9940073	0.232928	-4.29317	0.274352	0.40656	-2.45966	0.945273	0.947126	-1.05583	0.326241	0.448406	-2.23212	0.2053342	0.87867	0.872807	0.151631	1.37239	1.37239	0.491032	1.73936	1.73936	1.37936	1.63789	8.81522	1
cg24332685	BAT1;BAT1	0.330543	0.074047	0.260205	-3.84313	0.077996	0.265978	-3.75971	0.669005	0.747642	-1.33754	0.410695	0.566147	-1.76633	0.342149	0.515882	-1.93843	0.206236	0.405913	-2.46358	0.0737879	0.258329	-3.87104	0.206112	0.405803	-2.46425	0.275469	0.464299	-2.15378	1.37931	9.99014	6.43808	1
cg25274120	ZNHIT2	0.330554	0.220819	0.760004	-1.30208	0.380052	1.20281	1.202281	0.3917167	1.44343	1.44343	0.553935	1.13081	1.13081	0.402623	0.838908	-1.19203	0.311026	1.2398	1.2398	0.138853	1.38641	1.38641	0.775274	0.942091	-1.06046	0.599348	0.89699	-1.11484	1.37929	0.918702	0.592063	1
cg00245998	AFF3;AFF3	0.330558	0.154428	0.598404	-1.67311	?	?	?	?	?	?	?	?	?	?	?	?	0.134342	0.315581	-3.16752	0.636553	1.14553	1.14553	-1.83644	0.832338	0.07403	0.07403	0.876854	1.05363	1.05363	1.37775	2.20095	1.5975	1
cg22689324	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.330568	0.073598	0.598243	-1.67156	0.183158	0.693864	-1.44121	0.413169	0.806145	-1.24047	0.889824	1.03635	1.03635	0.326071	0.77015	-1.29845	0.157527	0.677533	-1.47594	0.184898	1.43646	1.43646	0.448099	0.81944	-1.22035	0.827424	0.945316	-1.05785	1.37925	1.44924	0.933996	1
cg05637795	HIGD2B;IBSH	0.330572	0.972125	0.04942	-20.2482	0.0409	0.164884	1.66984	0.150376	1.24167	1.24167	0.201177	0.965191	1.03606	0.234796	1.19107	1.19107	0.17311	0.815835	-1.22574	0.28583	1.16841	1.16841	0.499022	1.10115	1.10115	0.0944532	1.29449	1.29449	1.37923	0.430651	0.277546	1
cg19768311	DST;DST;DST;DST;DST	0.330574	0.445887	1.34617	1.34617	0.036215	0.393875	-2.53888	0.253468	0.633651	-1.57836	0.626302	0.828835	-1.20651	0.572194	1.24403	1.24403	0.606517	0.819749	-1.21989	0.276877	1.54135	1.54135	0.479614	1.31642	1.31642	0.930137	1.33412	1.33412	1.37923	3.19699	2.0604	1
cg13152721	ABHD8	0.330575	0.399586	0.777486	-1.2862	0.0588814	1.48623	1.486231	0.3803252	1.23177	1.23177	0.362417	0.840421	-1.18988	0.494742	1.13742	1.13742	0.58478	0.6026	-1.66	0.10291	0.76455	0.76455	0.10328	0.61528	0.61528	0.247281	1.2519	1.2519	1.37923	0.753417	0.485564	1
cg06972259	ZZEF1	0.330576	0.740903	0.914883	-1.09304	0.793194	0.931986	-1.07298	0.715676	0.906585	-1.10304	0.802951	1.06933	1.06933	0.02589468	0.492111	-2.03206	0.232943	0.715116	-1.39837	0.173627	1.47418	1.47418	0.999359	1.00022	1.00022	0.678116	1.89141	-1.11839	1.37922	1.56996	1.01181	1
cg01383546	CDC42BPB	0.330577	0.722348	1.30064	1.30064	0.441614	1.80064	1.800644	0.0677607	5.54981	5.54981	?	?	?	?	0.672534	1.36865	0.972348	?	?	?	?	?	?	?	?	?	?	?	?	1.59723	5.2654	3.29658	1
cg17738503	NME2;NME2;NME2;NME2	0.330585	0.7649	1.06597	1.06597	0.32243	1.24449	1.24449	0.750095	1.07045	1.07045	0.698341	1.08653	1.08653	0.80191	1.055	1.055	0.699418	1.08619	1.08619	0.0201271	0.540602	-1.84079	0.587829	0.889858	-1.12377	0.592512	1.1221	1.1221	1.41592	0.995355	0.546758	1
cg23298093	LYSMD2;TMOD2;TMOD2;LYSMD2	0.330587	0.297765	1.46453	1.46453	0.0673632	2.06484	2.06484	0.116554	1.82735	1.82735	0.330036	1.46283	1.46283	0.142469	1.42669	0.533309	1.2496	1.2496	1.4487	0.157158	1.70722	1.70722	0.0786391	1.95848	1.95848	0.906635	1.04235	1.04235	1.37932	2.73009	1.75953	1
cg16756044	MIR1395;PMO3;PMO3	0.330588	0.782212	0.934084	-1.07051	0.352	0.793893	-1.07051	-1.25962	0.172654	0.699677	-1.42923	0.579351	0.871287	-1.14773	0.872385	1.04035	1.04035	0.474846	1.837515	-1.19401	0.0454914	1.75842	1.75842	0.108637	1.03683	0.239822	0.738702	-1.35373	1.37919	1.32261	0.85242	1
cg03560363	PHF1;PHF1;PHF1	0.33059	0.754219	0.955452	-1.04663	0.628915	0.931782	-1.07321	0.706863	0.946657	-1.05635	0.363861	0.87337	-1.14499	0.703705	0.946065	-1.05701	0.304236	1.16694	1.16694	0.899188	0.981778	-1.01856	0.884092	0.979056	-1.02139	0.0145282	0.646072	-1.54781	1.37919	0.459878	0.296393	1
cg25600472	PCDHGA4;PCDHGA12;PCDHGA11;PCD HGA11;PCDHGA9;PCDHGA2;PCDHGB1; PCDHGB6;PCDHGC3;PCDHGB3;PCDH	0.330594	0.112914	0.385469	-2.59424	0.542963	0.711622	-1.40524	0.873512	1.09201	1.09201	0.736624	0.829861	-1.20502	0.118148	0.391657	-2.55326	0.156519	0.432857	-2.31023	0.0633013	0.315411	-3.17047	0.128865	0.403846	-2.47619	0.714626	0.816364	-1.22494	1.37918	6.66753	4.29727	1
cg06895295	DAAM2	0.330601	0.412002	0.633688	-1.57806	0.819694	0.883229	-1.13221	0.917943	0.47708	-2.09608	0.416335	1.57113	1.57113	0.225961	0.500812	-1.99676	0.858407	1.10199	1.10199	0.40263	1.59334	1.59334	0.061146	3.15057	3.15057	0.527867	1.41601	1.41601	1.37916	6.4609	4.16415	1
cg26005086	JAG1	0.330603	0.4192293	0.606504	-1.64888	0.0756407	0.334247	-2.99318	0.102748	0.29045	-3.44102	0.290541	-2.63824	0.327417	1.75216	1.75216	0.0756587	0.876161	0.7339081	-1.36275	0.0330801	0.560077	-1.78547	0.0992464	1.00515	1.00515	0.64936	1.2824	1.2824	1.37913	0.644996	0.415719	1
cg05066619	FAM160A2;FAM160A2	0.330613	0.355084	0.443381	-2.2554	0.0375161	0.127021	-7.87271	0.0704991	0.177602	-5.63057	0.611823	0.645631	-1.54887	0.157564	0.274712	-3.64017	0.515879	0.569371	-1.75632	0.89114	1.1242	1.1242	0.996814	1.00342	1.00342	0.290433	0.391411	-2.55486	1.37913	15.9651	10.29	1
cg12061711	NUP133	0.330615	0.628984	0.756809	-1.32089	0.0182054	0.0623259	-1.60447	0.5614607	0.938014	-1.06608	0.527251	1.78137	1.78137	0.996328	1.00403	-1.00416	0.751664	1.13129	1.13129	0.0162284	0.137482	1.37686	1.37686	0.0972242	1.13188	1.13188	0.0818725	1.22845	1.22845	1.37912	17.7461	11.438	1
cg14729930	RAPGEF1;1	0.330616	0.921131	0.973853	-1.02685	0.0256186	2.03275	2.03275	0.76941	0.924542	-1.08162	0.452601	1.22717	1.22717	0.25602	0.728175	1.3733	0.63404	1.3369	1.3369	0.0355005	1.33242	1.33242	0.125281	1.32241	1.32241	0.995776	1.00142	1.00142	1.37912	1.56338	1.00765	1
cg27394962	CGGBP1;CGGBP1	0.330617	0.925012	0.983204	-1.01708	0.162089	1.30728	1.30728	0.655997	1.08401	1.08401	0.0306122	0.633144	-1.57942	0.774863	1.05295	1.05295	0.523821	0.793772	-1.25981	0.790609	0.953246	-1.04905	0.981503	1.00418	1.00418	0.940589	1.0135	1.0135	1.37911	0.707144	0.45578	1
cg26730025	DCAKD;DCAKD	0.330629	0.368731	0.640711	-2.02045	0.288283	1.16864	1.168641	0.0510376	1.24167	1.24167	0.185387	1.14962	1.149618	0.294736	1.24249	-1.24249	0.140751	0.254795	-3.92425	0.0241385	0.4905	-2.03975	0.0402751	0.52521	-1.90386	0.0481	0.221185	-4.52253	0.413816	1.9868	1.9868	0.315515	0.426194	-2.34635	1.3791	1.96868	0.55072	1
cg04487714	FBXO9;FBXO9	0.330634	0.701008	0.19429	1.09429	0.996245	0.998901	-1.0011	0.916855	0.975906	-1.02469	0.362591	0.803686	-1.24427	0.0566616	1.6551	1.6551	0.066555	0.618483	-1.61686	0.503258	0.853292	-1.17193	0.947165	1.07847	1.07847	0.769032	0.933541	-1.07119	1.37907	1.19137	0.767904	1
cg08462941	PTPRS;PTPRS;PTPRS;PTPRS	0.330637	0.187823	1.34956	1.34956	0.0210719	0.70193	0.709057	0.0190805	0.37688	-2.65372	0.0499172	0.26825	-3.72824	0.0157574	0.25724	-3.88531	0.121861	0.240374	1.81554	0.0036081	0.46615	-2.14526	0.0136503	0.74992	1.33333	0.0092915	0.474636	2.10705	1.37907	0.74615	0.98233	1
cg21638108	KIAA0892;SF4	0.330642	0.207337	0.718849	-1.39111	0.114601	1.53115	1.53115	0.196428	1.40368	1.40368	0.807944	1.06232	1.06232	0.334582	0.781096	-1.28025	0.599471	0.876729	-1.1406	0.287683	0.760292	-1.31528	0.787443	0.9351107	-1.0694	0.273928	1.32662	1.32662	1.37905	1.34612	0.867664	1
cg01583934	KCNK5	0.330646	0.218567	0.84766	-1.17972	0.319471	1.14042	1.14042	0.34221	1.13313	1.13313	0.983395	0.997346	-1.00266	0.247145	0.856802	-1.16713	0.176113	0.832189	-1.20165	0.367661	0.888531	-1.12545	0.0909335	0.793766	-1.25982	0.687974	1.05291	1.05291	1.37903	0.356256	0.229633	1
cg21285133	ANP32E;ANP32E	0.330649	0.480642	0.719966	-1.38942	0.0944525	0.7965	-1.2556	0.365931	0.839807	-1.19075	0.299111	1.22398	1.22398	0.0929604	0.759756	-1.31642	0.0756	0.945009	-1.05813	0.660759	0.890802	-1.00928	0.611179	0.930007	-1.0747	0.710107	1.10107	1.10107	1.37903	0.0702111	0.496525	1
cg00559234	CLSTN1;CLSTN1	0.330653	0.883681	0.328748	-3.04185	0.637647	1.31744	1.31744	0.148179	0.405995	-2.46308	0.599604	1.36048	1.36048	0.546847	1.42521	1.42521	0.122314	0.377909	-2.64614	0.163072	0.420974	-2.37545	0.909065	0.935758	-1.06865	0.584747	0.725654	-1.37807	1.37902	7.37562	4.75419	1
cg27630153	FAM38A	0.330654	0.968542	0.979817	-1.02115	0.393167	1.26103	1.261033	0.334284	1.82492	1.82492	0.604928	1.880979	-1.13512	0.0953448	0.537159	-2.57899	0.629753	0.62853	-1.59155	0.0953448	0.3381	0.3381	0.0139407	0.15004	0.15004	0.0047001	0.50949	0.57901	0.58454	1.37902	3.76317	1
cg16821992	TRPS1	0.330659	0.151105	0.467505	-2.11902	0.0462798	0.32357	-3.09052	0.106474	0.416242	-2.40245	0.501936	0.714053	-1.40406	0.163009	0.47906	-2.08742	0.111525	0.429431	-2.32867	0.474789	0.698225	-1.4322	0.789835	0.876323	-1.14113	0.611375	0.776276	-1.2882	1.379	1.33456	0.343861	1
cg10372525	CD300C	0.330669	0.344587	0.673407	-1.48499	0.170289	0.552571	-1.80972	0.0464894	0.396074	-2.52478	0.431615	0.721823	-1.38538	0.124568	0.5896	-1.96479	0.301565	0.647316	-1.54484	0.383882	0.695832	-1.43713	0.0677399	0.435555	-2.29592	0.402098	0.705889	-1.41665	1.37897	3.60285	2.32241	1
cg21446569	HFM1	0.330672	0.491766	1.13802	1.13802	0.0961	0.120867	1.13802	0.0961	0.120369	0.334564	0.853387	1.14962	1.149618	0.0947004	0.811691	-1.23153	0.0881	0.788749	0.0506	0.0506	0.0506	1.5819	1.5819	0.12236	1.36358	1.36358	0.249207	1.24982	1.24982	1.37896	0.747899	0.482674	1
cg18877979	GPR133	0.330676	0.361263	0.536604	-1.86357	0.838798	1.14466	1.14466	0.847064	0.879788	-1.13664	0.503012	0.232586	-4.29949	0.126044	0.333551	-2.99804	0.157773	0.534037	-1.87253	0.0821308	0.728723	-1.58779	0.254441	0.454163	-2.20185	0.224594	0.429079	-2.33057	1.37895	9.60849	6.19374	1
cg07081661	SLC22A23;SLC22A23	0.330677	0.990271	1.00665	1.00665	0.648249	1.2913	1.291303	0.472143	1.19055	-1.04713	0.842105	1.06305	1.06305	0.796518	1.08282	-1.08282	0.865256	0.815373	0.249486	0.0693	0.513894	-1.43093	0.913927	1.13787	1.13787	0.0321	0.857815	1.16755	1.37895	1.30611	0.0001	0.000001	1
cg21067338	FAM115A	0.330677	0.222372	0.694613	-1.43965	0.0476894	0.52547	-1.90306	0.221382	0.694016	-1.44089	0.251867	0.711669	-1.40515	0.386941	0.77724	-1.2866	0.246278	1.41135	1.41135	0.75251	1.09406	1.09406	0.956768	0.984714	-1.01552	0.650329	0.878838	-1.13846	1.37895	1.76346	1.13675	1
cg22875239	PIAS1	0.330694	0.167033	0.819172	-1.22075	0.919227	1.0479	1.0479	0.725598	0.936859	-2.51979	0.115338	0.453982	-2.20273	0.607128	1.27029	1.27029	0.41933	1.46321	1.46321	0.962615	1.02186	1.02186	0.91086	1.96593	1.96593	0.511949	0.735782	-1.3591	1.3789	4.64697	2.9956	1
cg18307108	CD6;4A1	0.330708	0.326663	0.728529	-1.37227	0.0476	0.661257	-1.51227	0.222871	0.880871	1.13651	0.843735	0.940183	-1.06357	0.0628242	1.59085	1.59085	0.394459	0.740043	-1.35089	0.0362284	0.52534	-1.90357	0.0409003	0.478225	-2.09194	0.0745051	0.541175	-1.84783	1.3787	2.13639	1.37723	1
cg13675015	TTBK1	0.330709	0.91752	1.05147	1.05147	0.0350212	1.28746	1.28746	0.186174	1.97206	1.97206	0.870207	1.08211	1.08211	0.11926	0.512364	-1.95174	0.998704	0.999214	-1.00079	0.318572	1.64783	1.64783	0.395747	1.52408	1.52408	0.812343	1.12227	1.12227	1.37886	5.12653	3.30483	1
cg09588770	HLA-B;HLA-B	0.330711	0.102415	0.408403	-2.44933	0.0478317	1.02259	1.022592	0.0756	0.562568	1.63473	-1.57537	0.902054	1.1063	1.1063	0.859325	1.67303	0.857496	0.869761	-1.14974	0.148045	1.33564	1.33564	0.0834645	1.42667	1.42667	0.116395	1.76041	1.76041	1.37886	1.31615	0.49465	1
ch.20.5311991F	C20orf3	0.330715	0.162688	0.237232	-4.21529	0.534902	1.83429	1.83429	0.149572	0.225022	-4.44401	0.0965202	0.171795	-5.82088	?	?	?	0.608912	0.607657	-1.64566	0.161768	0.236384	-4.23041	0.137331	0.247125	-4.04654	0.45051	0.471639	-2.12027	1.37731	18.0694	13.1193	1
cg14308321	MED27	0.330718	0.809053	1.13173	1.13173	0.0373806	9.10975	9.109753	0.0481151	7.80153	7.80153	0.820529	1.23138	1.23138	0.451404	0.495801	-2.01694	0.962605	1.14381	1.14381	0.0813501	0.980898	-1.01939	0.8306618	1.21642	1.21642	0.959582	1.04744	1.04744	1.37884	1.04744	0.715255	1
cg27276513	FCHSD2	0.330719	0.362657	1.11792	1.11792	0.4307115	1.11299	1.11299	0.0613885	0.638115	-1.56712	0.291287	0.824544	-1.21279	0.458005	1.14241	1.14241	0.84571	0.966259	-1.03492	0.750541	0.945356	-1.0578	0.743404	0.9596	1.0596	1.0596	0.313438	0.831525	-1.20261	1.37883	0.677806	0.436959	1
cg22768891	IDUA	0.330725	0.546096	0.879679	-1.13678	0.0879023	0.673502	-1.48478	0.240135	0.772513	-1.29468	0.763801	0.938716	-1.06528	0.0381831	0.60481	-1.65341	0.707964	0.924068	-1.08217	0.464366	0.85532	-1.16915	0.316966	0.80485	-1.24247	0.394961	1.20062	1.20062	1.37882	0.96173	0.620002	1
cg05545351	PSORS1C1	0.330729	0.193079	0.294504	-3.39577	0.0587334	1.51184	1.51184	0.0819486	0.390588	-2.56129	0.655577	1.33619	1.33619	0.0855577	0.751994	-1.33019	0.191485	0.455001	-2.19752	0.36141	0.75127	1.33125	0.0317217	0.3575	0.3575	0.778853	1.19918	1.19918	1.4155	1.32882	0.91604	1
cg00649906	AACS	0.330733	0.622624	0.925822	-1.08012	0.0298175	1.4877	1.4877	0.692802	1.06364	1.06364	0.50024	1.11217	1.11217	0.4204521	1.13642	1.13642	0.790068	0.959939	-1.04233	0.871876	1.0254	1.0254	0.514221	1.10824	1.10824	0.0652168	1.39736	1.39736	1.3788	1.5271 77	0.339863	1
cg15835792	NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;N RG1;NRG1;NRG1;NRG1;NRG1;NRG1 YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.330735	0.155196	0.27829	2.07829	0.608209	1.28232	1.28232	0.645436	0.800264	-1.24959	0.0644986	2.71506	2.71506	0.869816	0.924147	-1.08208	0.154704	0.480686	-2.08036	0.525865	1.36223	1.36223	0.520009	0.730787	-1.36839	0.44226	1.45762	1.45762	1.37879	5.05074	3.25615	1
cg21603537	F1B	0.330743	0.436741	1.41672	1.41672	0.679998	1.19974	1.19974	0.871264	0.931269	-1.0738	0.587534	1.27183	1.27183	0.373136	0.668284	-1.49637	0.791301	0.890079	-1.1235	0.0460997	0.821692	0.81692	0.11453	1.22467	1.22467	0.199643	0.812193	1.81293	1.37877	4.20958	2.7139	1
cg19169023	TBK1	0.330749	0.196324	0.216057	-4.62954	0.0881136	1.22278	1.22278	0.125434	1.72524	1.72524	0.39474	1.1443	1.1443	0.0615582	1.10474	1.10474	0.640239	0.156912	-6.37461	0.0144883	0.174574	-5.72654	0.0154884	0.295946	2.75741	0.451584	1.48664	1.48664	1.37875	8.58509	3.76287	1
cg07500433	FAM159B	0.330756	0.877114	1.0268	1.0268	0.0749936	1.40337	1.40337	0.225828	1.2428	1.2428	0.525497	1.11622	1.11622	0.431788	1.14696	1.14696	0.414549	1.1532	1.1532	0.951554	0.98867	-1.01044	0.180362	1.27522	1.27522	0.0332553	1.53004	1.53004	1.37874	0.637777	0.411183	1
ch.7.22263688	ORCS;ORCSL	0.330759	0.173335	0.364336	-2.74472	0.115791	0.303812	-3.29155	0.0882007	0.26951	-3.70143	0.123962	0.31316	-3.19326	0.0715076	0.245956	-4.06577	0.470275	0.599351	-1.66847	0.213162	0.401456	-2.49094	0.562807	0.665151	-1.50342	0.710389	0.771092	-1.29686	1.37873	10.6056	6.8376	1
cg17732216	RPS6KA2	0.330764	0.28034	0.61063	-1.63844	0.0172455	0.505684	-1.97752	0.150508	0.357228	-2.79955	0.0981	0.132777	7.53257	0.0076705	0.409588	-2.44187	0.530707	0.763628	-1.31056	0.237018	0.69247	-1.44443	0.0972724	0.45654	-2.19054	0.0579	0.897266	0.946612	-1.0564	1.3787	1.93912	2.53964	1
cg10619644	AUTS2;AUTS2;AUTS2	0.330766	0.931369	0.974674	-1.02598	0.604151	1.16854	1.16854	0.458244	0.798567	-1.25224	0.443122	0.792257	-1.26222	0.0726327	0.550757	-1.81568	0.205108	1.48907	1.48907	0.208507	1.48418	1.48418	0.458146	1.25231	1.25231	0.350418	0.751089	-1.3314	1.37871	1.93658	1.24857	1
cg26748844	AAAP1	0.330767	0.0963502	0.315071	-3.17389	0.18981	0.411899	-2.42778	0.268441	0.482318	-2.07332	0.323118	0.90713	1.107423	0.159027	0.377376	-2.64987	0.502962	0.650494	-1.53729	0.0995248	0.319317	-3.13312	0.632678	0.730409	-1.3561	0.410511	0.587203	-1.70299	1.3787	8.77373	5.63345	1
cg25457191	PDCD2L	0.330775	0.33024	0.836189	-1.1959	0.747927	1.0591	1.0591	0.411373	1.16134	1.16134	0.133608	1.33389	1.33389	0.501389	1.1292	1.1292	0.278739	0.81829	-1.22206	0.10487	0.729365	-1.37106	0.302129	0.826671	-1.20967	0.610681	0.912631	-1.09573	1.37868	6.692319	0.446364	1
cg10237599	POU2B	0.330782	0.601889	1.11447	1.11447	0.25724	0.783908	-1.27566	0.0603778	0.646555	-1.54666	0.188054	1.33272	1.33272	0.82931	1.04546	1.04546	0.552576	1.13169	1.13169	0.483035	1.15811	1.15811	0.272705	0.790516	-1.265	0.589818	0.893984	-1.11859	1.37866	0.925776	0.596891	1
cg14674091	KDM4DL	0.330784	0.0779262	0.770561	-1.29741	0.232147	1.16566	1.16566	0.0401001	1.01001	1.01001	0.656469	1.342289	-1.05709	0.0729369	0.821511	-1.21731	0.372862	1.12916	1.12916	0.7894	1.10619	1.10619	0.681551	1.20722	1.20722	0.145345	1.10673	1.10673	1.37866	0.384897	0.24822	1
cg19864468	CHCHD5	0.330785	0.185888	0.373245	-2.67921	0.192842	1.63364	1.63364	0.414452	1.79708	1.79708	0.187526	0.374775	-2.66827	0.262666	0.229494	-4.35741	0.621098	0.704621	-1.4192	0.765647	0.810555	-1.23372	0.82663	0.857162	-1.16664	0.75845	0.805146	-1.24201	1.37866	10.78	6.95041	1
cg21392385	GNB5;GNB5 PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P	0.330787	0.756289	0.797731	-1.25356	0.532529	1.59886	1.59886	0.289127	2.22273	2.22273	0.562168	0.653505	-1.53021	0.0512445	0.199621	-5.0095	0.280983	0.443342	-2.25559	0.231069	0.401756	-2.48807	0.771896	1.23491	1.23491	0.196172	0.370789	-2.69696	1.37865	11.5052	7.418	1
cg25928493	PPR2B	0.330789	0.487662	1.35676	1.35676	0.85221	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111T vs. N)	Fold-Change(1127 11T vs. N)	p-value(1127T vs. N)	Fold-Change(1127T vs. N)	p-value(1217T vs. N)	Fold-Change(1217T vs. N)	p-value(1247T vs. N)	Fold-Change(1247T vs. N)	p-value(1477T vs. N)	Fold-Change(1477T vs. N)	p-value(1537T vs. N)	Fold-Change(1537T 537T vs. N)	p-value(5377T vs. N)	Fold-Change(5377T 37T vs. N)	p-value(5637T vs. N)	Fold-Change(5637T 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg10224939	ERO1L		0.3310387	0.80858	0.964086	-1.03725	0.324869	1.16556	0.16556	1.165	0.171102	0.802831	-1.24559	0.311663	0.854073	-1.17004	0.226836	0.825956	-1.21072	0.115413	0.793228	-1.26067	0.755615	1.04817	1.04817	0.724726	1.05473	0.155762	1.25639	1.27683
cg08943180	C1orf100;C1orf100		0.3310088	0.143607	0.306282	-3.26496	0.0525205	0.19015	-5.259	0.501128	0.598021	-1.67218	0.260592	0.413327	-2.49139	0.0677523	0.214225	-4.66799	0.152361	0.315254	-3.17205	0.382116	0.509193	-1.96389	0.24638	0.401408	-2.49123	0.395445	0.519281	-1.92574
cg07913294	AGBL4;AGBL4		0.33109	0.8080707	1.03828	1.03828	0.624494	1.07913	1.07913	0.303882	1.17865	1.17865	0.515279	0.903174	-1.10721	0.956577	1.00844	1.00844		0.85704	1.02823	1.02823	0.0159954	0.634297	-1.57655	0.790142	0.959664	-1.04203	0.983391	0.996792	-1.00322
cg07313597	PPM1E		0.3310094	0.0593072	1.38387	1.38387	0.177181	1.24467	1.24467	0.0814128	1.34279	1.34279	0.500462	1.11	1.11	0.0812404	1.34302	1.34302		0.405519	1.13867	1.1387	0.802571	1.03897	1.02708	1.2131	1.1231	0.662591	1.06929	1.0581	0.508133
cg25054180	CCDC108		0.3310096	0.53915	0.770808	-1.29734	0.969959	0.984357	-1.01589	0.339023	0.66192	-1.51076	0.957044	0.0156124	0.400403	-2.49748		0.722549	1.16098	1.16098	0.542429	1.29455	1.29455	0.046515	0.384979	-2.59755	0.437754	0.73191	-1.39293	0.37881
cg15947959	ERGIC1		0.3310099	0.227075	0.858355	-1.16502	0.533243	0.926811	-1.07897	0.925145	0.988745	-1.01138	0.199062	1.17755	1.17755	0.302208	1.13738	1.13738		0.307674	0.880575	-1.13562	0.398597	1.1097	1.1097	0.541187	0.826472	-1.20996	0.30597	1.13617	1.13617
cg12225377	TIGD3		0.3310106	0.990782	0.996665	-1.00335	0.828362	1.0648	1.0648	0.270518	1.39345	1.39345	0.478898	1.23143	1.23143	0.05153	0.526787	-1.8983		0.120393	1.62773	1.62773	0.48796	0.815647	-1.22602	0.73395	0.906053	-1.10369	0.587719	1.17152	1.17152
cg22959820	SNX32		0.3310108	0.62773	0.982026	-1.01805	0.452082	1.17916	1.17916	0.325149	0.8036607	-1.2443	0.0979274	1.47782	1.47782	0.129104	0.702796	-1.42289		0.579666	1.1279	1.1279	0.150855	0.736565	-1.35763	0.819312	0.95597	-1.05045	0.837339	1.0453	1.0453
cg14169308	RNF103;RNF103		0.3310109	0.807759	1.08189	1.08189	0.164226	0.572446	-1.74689	0.0245868	0.2882602	-1.03104	0.0955651	0.549076	-1.82124	0.163904	0.608802	-1.64289		0.447436	1.28488	1.28488	0.0900982	0.543185	-1.84099	0.508302	0.804853	-1.24246	0.502766	1.24612	1.24612
cg24899692	PCGF1		0.3311109	0.100469	0.681081	-1.46825	0.0324979	0.586117	-1.70614	0.65124	1.10201	1.10201	0.293583	0.792513	-1.26181	0.765627	0.938183	-1.06589		0.601493	0.893622	-1.11904	0.745127	0.932746	-1.0721	0.412442	1.19586	1.19586	0.621419	0.899198	-1.1121	1.13777
cg20078039	ZNRD1;ZNRD1;NCRNA00171		0.3311112	0.724582	1.66007	1.51514	1.66007	1.66007	1.66007	1.66007	1.62834	2.58935	0.319988	2.58935	0.319988	2.58935	0.319988	2.58935	0.319988	2.58935	0.319988	2.58935	0.319988	2.58935	0.319988	2.58935	0.319988	2.58935	0.319988	2.58935	0.319988
cg17023254	GAK		0.3311113	0.252	1.65479	1.65479	0.496014	1.91604	1.91604	0.482985	1.34998	1.34998	0.491186	0.745043	-1.3422	0.528272	1.30856	1.30856		0.632819	1.22458	1.22458	0.050398	2.56136	0.149395	1.9168	1.9168	0.53687	0.768584	-1.30109	1.37776
cg26602417	C1orf70		0.3311114	0.795717	1.07417	1.07417	0.218278	0.878436	-1.13878	0.07528	0.178128	1.73139	1.73139	0.221091	1.43855	1.43855	0.870369	1.04631	1.04631		0.402093	1.24933	1.24933	0.126953	2.63355	0.0233779	1.42209	1.42209	0.0433994	1.91792	1.31992	0.346249	0.76431
cg20514504	EID2B		0.3311115	0.8033	1.05493	1.05493	0.0955984	1.48029	1.48029	0.577234	1.12823	1.12823	0.124052	0.899885	-1.42881	0.504664	1.1561	1.1561		0.655474	0.908269	-1.101	0.152771	0.720294	-1.38832	0.3203	0.802501	-1.2461	0.929016	1.01927	1.01927
cg00294658	LPCAT3		0.33112	0.695027	1.08116	1.08116	0.125522	1.38869	1.38869	0.24096	1.27297	1.27297	0.393887	1.18882	1.18882	0.140831	1.36851	1.36851		0.125391	0.720007	-1.38888	0.973473	0.999436	-1.00063	0.424633	0.850879	-1.17526	0.751046	1.06507	1.06507
cg13834677	CELSR1		0.3311122	0.277334	1.68222	1.68222	0.545204	0.75415	-1.326	0.677894	0.824898	-1.21227	0.1985	1.87062	1.87062	0.0130754	2.10216	1.10216		0.487575	0.7225	-1.38408	0.0160087	1.07738	1.07738	0.8612961	1.17586	1.17586	0.48776	1.38389	1.38389	0.107974
cg21339950	FMR1NB		0.3311125	0.760514	0.769633	-1.29932	0.159584	0.276029	-3.62281	0.180901	0.296199	-3.37611	0.841754	0.842646	-1.18674	0.118146	0.233834	-4.27653		0.267069	2.69206	2.69206	0.617572	1.539	1.539	0.944478	1.06147	1.06147	0.108335	0.222836	-4.48761	1.37773
cg16707964	RNASE4;RNASE4		0.3311127	0.814332	1.08293	1.08293	0.731852	1.12355	1.12355	0.473247	0.781105	-1.28024	0.161624	0.602784	-1.65897	0.0703552	0.504069	-1.98385		0.189567	0.741848	-1.34799	0.115808	1.77664	1.77664	0.47063	0.779923	-1.28218	0.743337	0.89469	-1.11771	1.13772
cg00029931	RPL36A		0.3311319	0.281325	1.2545933	-1.92784	0.124526	0.513176	-1.61172	0.153377	0.2891227	-1.45869	0.453214	1.54365	1.54365	0.55899	0.70556	-1.41756		0.03880002	0.0529113	-18.8996	0.525905	0.459197	-2.17272	0.981144	0.971538	-1.0293	0.534299	0.464375	-2.15761	1.3777
cg01598009	HCG18;HCG18		0.3311138	0.745568	0.887366	-1.12693	0.877962	1.05802	1.05802	0.318397	0.6848898	-1.46007	0.977589	0.989743	-1.01036	0.0244069	0.373692	-2.676		0.986715	0.993908	-1.00613	0.259643	0.649481	-1.53969	0.561819	1.24022	1.24022	0.147189	0.565018	-1.76986	1.3777
cg24388899	FPHB2;FPHB2		0.3311139	0.762651	1.07057	1.07057	0.378643	1.14476	1.14476	0.244077	0.9644014	0.573153	-1.74462	0.942203	0.788457	-1.26782	0.481934	1.10913	1.10913	0.165324	0.806933	-1.23945	0.67617	1.1065	1.1065	0.852882	-1.17251	0.107677	0.338221	0.78622
cg14510404	RASGRF1;RASGRF1;RASGRF1;RASGRF1		0.331141	0.163712	0.559419	-1.78757	0.943009	1.02818	1.02818	0.69098	1.16338	1.16338	0.393889	1.40678	1.40678	0.10005	0.49447	-2.02237		0.938698	1.03052	1.03052	0.193836	1.71135	1.71135	0.158492	1.80242	1.80242	0.965495	1.01705	1.01705	0.137669
cg23609904	D4S234E;D4S234E		0.3311143	0.202938	0.670279	-1.49192	0.6546664	1.85463	1.85463	0.308435	1.36858	1.36858	0.434427	0.788685	-1.26793	0.469752	1.24471	1.24471		0.289002	1.38764	1.38764	0.405921	0.776406	-1.28799	0.734312	0.903575	-1.10672	0.590968	1.17526	1.17526
cg21783740	NOS1AP;NOS1AP		0.3311143	0.943173	0.980905	-1.01947	0.174519	0.676641	-1.47789	0.390902	1.2684	1.2684	0.751317	0.917608	-1.08979	0.437069	1.23913	1.23913		0.351858	1.29579	1.29579	0.0498989	1.83092	0.338061	1.30616	1.30616	0.237542	1.39745	1.39745	0.137668
cg00457403	SST		0.3311144	0.240284	0.446613	-2.23858	0.0972035	0.31616	-3.1623	0.0824472	0.2109519	-3.16481	0.0970201	0.4284	-2.33431	0.0821931	0.907032	-1.10248		0.399569	0.41887	-2.38759	0.0477858	0.504056	-1.99078	0.0434024	0.31588	-3.16529	0.0210104	0.24303	-4.11442
cg18087718	PPP2R2B;PPP2R2B		0.3311145	0.613665	1.38535	1.38535	0.958936	0.96757	-1.03352	0.438442	0.602882	-1.6587	0.887826	1.09458	1.09458	0.389209	1.75945	1.75945		0.42788	1.67913	1.67913	0.0969983	3.17481	3.17481	0.060083	3.88851	3.88851	0.0976098	2.30206	3.20206	0.37666
cg14248715	OTX2OS1		0.3311153	0.502337	0.828333	-1.33443	0.858885	1.07679	1.07679	-1.24215	0.05357	0.0625509	-15.987	0.488988	1.39975	1.39975	0.884053	1.18969	1.18969	0.324526	0.828565	-1.20662	0.53227	1.30227	0.901718	1.16632	1.16632	0.776366	31.8391	21.8336
cg25701164	LRRK1		0.3311316	0.228856	0.554426	-1.80367	0.462144	0.704959	-1.41852	0.740561	0.856246	-1.16789	0.14515	1.48155	1.48155	0.0785532	3.5597	2.58009		0.957171	0.975228	-1.0254	0.053711	0.359459	-2.78196	0.83356	1.10328	1.1028	0.536754	1.74662	1.74662
cg02170784	SOX8		0.3311364	0.39136	0.647301	-1.54488	0.0490455	0.328619	-3.04304	0.0619823	0.353162	-2.83156	0.931429	1.04354	1.04354	0.195742	0.507823	-1.96919		0.683173	0.816091	-1.22535	0.226066	0.532826	-1.87678	0.44126	0.677795	-1.47537	0.73808	1.18082	1.18082
cg22253830	ST8SIA1		0.3311365	0.205598	0.4139	-2.41606	0.0172	0.159314	-6.27511	0.0172	0.1593514	0.997123	-1.0027	0.9737324	-1.00268	0.852161	0.8625759	-1.15976	0.9499	0.1474422	1.26846	1.21487	0.7962	1.79622	0.1164403	2.14424	2.14424	0.0196	4.96334	2.81409
cg21271945	PRKCZ;PRKCZ;PRKCZ		0.3311375	0.958205	0.98343	-1.01685	0.626284	1.16937	-1.16937	0.217061	1.51299	1.51299	0.502205	0.804821	-1.24251	0.504571	1.24098	1.24098		0.362181	1.34799	1.34799	0.0245621	2.3486	2.3486	0.574271	1.19838	1.19838	0.415084	0.76675	-1.30421	1.37559
cg09205514	TNK2;TNK2		0.3311382	0.256002	0.474973	-2.10547	0.0568653	0.4948	-2.0208	0.0501331	0.2452	-3.97562	0.660724	0.877373	-1.13976	0.856526	1.16707	1.16707		0.553834	1.24777	1.24777	0.0653441	1.53255	1.53255	0.0877	1.77537	1.77537	0.0655444	1.54255	2.54255	0.41559
cg04364453	HPCAL1;HPCAL1		0.3311382	0.583077	1.27983	1.27983	0.723609	1.17104	1.17104	0.192033	1.85731	1.85731	0.750453	1.15243	1.15243	0.0790424	0.4144409	2.41307		0.453491	0.711544	-1.4054	?	?	?	0.503824	1.35277	1.35277	0.172427	1.91867	1.91867	1.41203
cg09447435	GRIK2;GRIK2;GRIK2		0.3311386	0.783366	0.87957	-1.13692	0.0587485	2.76832	2.76832	0.0372335	1.16881	1.16881	0.951935	0.971659	-1.02917	0.837282	0.906577	-1.10305		0.921383	0.954009	-1.04821	0.20946	1.82217	1.82217	0.615332	1.27334	1.27334	0.816554	1.1177	1.1172	1.37756
cg22337169	TPR2		0.3311391	0.148375	0.686658	-1.45634	0.0574152	0.176254	-5.67431	0.0164664	0.1563	-6.39453	1.17095	1.17095	0.0139444	0.853845	1.1822	1.1822	0.550806	0.676745	-1.47858	0.0477852	0.845	0.845	0.314038	0.75857	-1.31836	0.0477852	1.1045	1.1045	0.218135	0.826812
cg12432155	STOX2		0.3311397	0.0523811	0.701018	-1.4265	0.5340027	0.903558	-1.10674	0.329564	0.850432	-1.17587	0.60871	1.08716	1.08716	0.0530081	0.701853	1.4248		0.913418	1.01767	1.01767	0.682184	0.935857	-1.06854	0.907221	1.01895	1.01895	0.226603	0.815123	-1.22681	1.37753
cg11964378	UNK82		0.3311399	0.44428	0.804	-1.24378	0.3145	0.5256	-1.9026	0.1325	0.2936	-3.40525	0.660781	0.713356	1.40156	1.40156	0.0115736	2.0013057	1.4248	0.197153	1.8178	0.958306	1.08056	1.08056	0.0138562	1.08985	1.08985	0.330464	0.55221	2.55221	0.41566
cg16040452	EVL		0.3311206	0.793102	1.17791	1.17791	0.323894	0.3599	0.3599	-1.36269	0.062879	3.6078	3.6078	0.358424	0.891769	-1.12137	0.97576	1.01911	1.01911	0.617555	1.36831	1.36831	0.682219	1.29232	1.29232	0.944746	1.04412	1.04412	0.727169	0.803973	1.24382	1.37551
cg27386912	SEMA3G		0.3311206	0.666214	0.825947	-1.21073	0.5234387	1.32963	1.32963	0.0717072	0.4122278	-2.42555	0.823244	0.906121	-1.1036	0.0891667	0.437803	-2.28413		0.961288	1.02162	1.02162	0.16514	0.520795	-1.92014	0.480671	1.37146	1.37146	0.251563	0.589889	-1.69523	1.37551
cg12272369	PLCE1;PLCE1;PLCE1		0.3311206	0.00776297	0.413364	-2.41936	0.0228888	0.0479	-20.8333	0.0228888	0.1394842	0.0118	0.0771917	0.077883	-12.8457	0.0118	0.0771917	0.077883	-12.8457	0.0118	0.0771917	0.077883	-12.8457

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. 047 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1137 vs. N)	Fold-Change(1 vs.1137)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	S5(Test)	S5(Error)	F(Error
cg12057741	TNFRSF11B;TNFRSF11B	0.331572	0.205424	3.51037	3.51037	3.51037	0.892956	-1.13256	0.897152	0.885539	-1.12926	0.267781	2.95972	2.95972	0.350379	2.46827	-2.46827	0.127522	4.70652	4.70652	0.595988	0.604738	-1.65361	0.288432	0.354804	-2.81766	0.153326	0.237587	-4.20899	1.37651	19.2624	12.4387	1
cg19719547	PLD5	0.331578	0.22223	0.744638	-1.34293	0.248784	0.757984	-1.31929	0.626235	1.11943	0.11943	0.899449	0.971362	-1.02948	0.259237	0.762971	-1.31067	0.246247	0.756752	-1.32144	0.385948	1.22666	1.22666	0.0883204	1.5407	1.5407	0.805371	1.05839	1.05839	0.139	1.37651	1.15177	0.743767	1
cg22773142	STX18	0.331582	0.973906	0.992019	-1.00805	0.592708	0.876089	-1.14144	0.094238	1.56947	1.56947	0.488791	1.18802	1.18802	0.769618	0.930576	-1.0746	0.909872	0.972638	-1.02813	0.0385893	1.7986	1.7986	0.382325	0.802916	-1.24546	0.769783	0.930625	-1.07455	1.37649	1.30857	0.845013	1
cg23609239	FLJ39582;THAP7;FLJ39582;THAP7	0.331599	0.713302	0.740014	-1.35127	0.410603	1.99545	1.99545	?	?	0.19507	1.92458	1.92458	0.922565	0.923858	-1.08242	?	?	?	?	0.0764581	5.31089	5.31089	?	?	1.44123	0.81175	0.67075	1
cg05117761	SNORD115-10	0.331599	0.182782	0.291971	-3.425	0.39651	0.469507	-2.12989	0.341741	0.42611	-2.34681	0.661177	1.46823	1.46823	0.0354761	0.118604	-8.43145	0.91517	1.09723	1.09723	0.535808	1.72633	1.72633	0.807624	0.808616	-1.23668	0.155157	0.265875	-3.76116	1.37644	16.5306	10.6753	1
cg04041435	SLC22A16	0.331602	0.232078	0.630125	-1.61901	0.444901	1.35938	1.35938	0.757173	0.884909	-1.13006	0.410308	1.717329	1.717329	0.399037	0.659498	0.4323355	2.31302	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg08390729	BLCAP;BLCAP;BLCAP;BLCAP	0.331604	0.354226	0.892356	-1.12063	0.785814	0.967975	-1.03308	0.200443	1.17539	1.17539	0.455925	0.913258	-1.09498	0.135635	0.825162	-1.21188	0.205866	0.852606	-1.17288	0.987223	0.998088	-1.00192	0.615917	0.941352	-1.0623	0.123158	1.22087	1.22087	1.37643	0.311263	0.201012	1
cg27405012	NARP;LNRP1	0.331608	0.915353	0.927903	-1.07777	0.770683	0.814034	-1.22846	0.162619	0.346562	-2.88549	0.845231	1.14748	1.14748	0.621445	0.704179	-1.42009	0.240103	0.418217	-2.3911	0.1332565	1.17637	1.17637	0.10882	3.48165	3.48165	0.4795115	1.66854	1.66854	1.41292	10.4407	5.97246	1
cg20842231	LOC5908;DOCK6	0.331609	0.344001	0.422543	-2.36602	0.753624	0.757099	1.33083	0.573289	0.365348	-2.73711	0.202625	0.3046	-3.28299	0.0652325	0.160541	-6.22893	0.192166	0.295217	-3.38734	0.33899	0.418533	-2.3893	0.0380478	0.119407	-8.37474	0.552405	0.587893	-1.70099	1.37641	17.0259	10.9954	1
cg06435363	MTMR7	0.331611	0.942602	1.02871	1.02871	0.554254	0.790442	-1.26511	0.0804296	0.466599	-2.14317	0.137595	0.533345	-1.87496	0.565243	0.795705	-1.25675	0.193974	0.582612	-1.71641	0.0675317	0.447013	-2.23707	0.480171	0.754173	-1.32596	0.1115569	0.505973	-1.97639	1.37641	3.36865	2.17548	1
cg13416249	CAPN10;CAPN10;CAPN10;CAPN10	0.331619	0.291667	1.77225	1.77225	0.564197	0.0956	3.08718	0.324153	2.12956	2.12956	0.256512	1.85997	1.85997	0.0422406	0.538787	1.85607	0.372404	1.8174	1.8174	0.0982426	2.30426	2.30426	0.0508814	1.74479	0.925574	0.952307	1.05008	1.05008	0.963139	5.96298	3.85097	1
cg19008523	C14orf28	0.33162	0.913476	1.00908	1.00908	0.119779	1.15075	1.15075	0.493917	0.944366	-1.05891	0.692982	1.03282	1.03282	0.705746	0.968037	-1.03206	0.718463	1.03058	1.03058	0.0317141	1.23304	1.23304	0.120274	1.12504	1.12504	0.993119	1.00072	1.00072	1.37638	0.0158508	0.0974263	1
cg14528271	SLC25A38	0.331625	0.926026	0.469563	-2.12964	0.286579	0.622586	1.60363	0.193167	0.469674	-2.01312	0.701097	1.17957	1.17957	0.0803472	0.525787	-1.9027	0.263712	0.605816	-1.65067	0.216274	0.593097	-1.74578	0.863422	0.107607	0.0767	0.2171	0.580997	-1.72118	0.35637	3.99718	2.58147	1
cg15927316	AIHGEF10;AIRHGEF10L	0.331627	0.762555	0.836396	-1.19561	0.0847704	3.0768	3.0768	0.101125	2.88197	2.88197	0.818906	0.873799	-1.14443	0.2018	0.451729	-2.21371	0.308052	0.53684	-1.86275	0.678805	0.782306	-1.27827	0.540949	0.14038	0.14038	0.87939	0.914364	-1.09366	1.37637	7.57746	4.8937	1
cg19455167	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.331628	0.123628	0.268136	-3.72945	0.0650946	5.12777	5.12777	0.10331	4.0828	4.0828	0.821961	0.837037	-1.19469	0.780769	0.802349	-1.24634	0.701089	1.35583	1.35583	0.786897	1.23846	1.23846	0.980201	1.01978	1.01978	0.7467	0.774307	-1.29148	1.37636	13.5793	8.76987	1
cg07220032	SPATA13;SPATA13	0.331629	0.709667	0.758697	-1.31805	0.0249154	0.139133	-7.18739	0.110012	0.275901	-3.62448	0.557787	1.5499	1.5499	0.19196	1.18442	1.18442	0.900126	0.911361	-1.09726	0.272242	0.429646	-2.3275	0.555962	0.643861	-1.55313	0.981713	0.9832	-1.01709	1.37636	1.91119	0.769301	1
cg09576649	C20orf112	0.33163	0.359861	0.704689	-1.41907	0.347757	0.698072	-1.43252	0.916499	0.961759	-1.03976	0.416663	0.734456	-1.36155	0.0222465	0.3610344	-2.76982	0.979522	0.990503	-1.00959	0.139032	0.553211	-1.80763	0.747067	1.12784	1.12784	0.25382	0.642075	-1.55745	1.37636	3.01315	1.94598	1
cg08200550	WDHD1;WDHD1;SOCS4;SOCS4	0.331639	0.117439	0.704053	-1.42062	0.0242345	0.182345	-3.08313	0.0170286	0.836196	-1.22523	0.797421	1.12975	1.12975	0.0661847	0.588076	-1.70046	0.711008	0.838234	-1.19288	0.238248	0.556605	-1.79661	0.0982435	0.423105	-2.36348	0.736642	0.852069	-1.17361	1.37633	4.90348	3.16686	1
cg08179428	SIN3A;SIN3A;SIN3A	0.331644	0.092943	0.608549	-1.64325	0.121074	1.57097	1.57097	0.240426	1.39132	1.39132	0.48503	0.826422	-1.21004	0.988434	0.996113	1.0039	0.694566	1.11186	1.11186	0.91766	0.693577	-1.4418	0.620839	0.874606	-1.14337	0.905945	1.03227	1.03227	1.37632	1.57379	1.01643	1
cg18787420	BCL2L1;BCL2L1	0.33165	0.120503	0.273533	-3.65587	0.70145	1.34516	1.34516	0.321912	2.19834	2.19834	0.720685	0.758533	-1.31833	0.0423601	0.165339	-6.04819	0.581021	0.651099	-1.53586	0.177597	0.331902	-3.01294	0.860629	0.873472	-1.14486	0.710521	0.750523	-1.3324	1.3763	12.9162	8.34199	1
cg15771597	PORCN;PORCN;PORCN;PORCN;PORCN	0.331652	0.39686	0.466259	-2.14473	0.0244983	0.0947368	-10.5556	0.969367	0.966791	-1.03435	0.215377	1.34832	1.34832	0.168564	0.576964	-1.73321	0.289794	0.38049	-2.62819	0.896999	1.12065	1.12065	0.910536	1.10391	1.10391	0.994346	0.993788	-1.00625	1.3763	16.86	10.8891	1
cg02405264	BLCAP;BLCAP;BLCAP;BLCAP	0.331662	0.709201	0.86917	-1.15047	0.737449	1.01243	1.01243	0.108764	0.632899	-1.58053	0.0788775	0.50502	-1.98012	0.774491	0.909002	-1.1175	0.144727	0.545009	-1.83483	0.402604	0.717735	-1.39327	0.0748247	0.0802724	1.21936	2.22355	0.0880724	1.22936	1.37633	1.32059	2.14462	1
cg26223336	CHD7	0.331657	0.95786	0.975578	-1.02503	0.213368	1.84624	1.84624	0.199475	1.88574	1.88574	0.217137	1.83604	1.83604	0.806919	0.891742	-1.1214	0.331301	1.59844	1.59844	0.526248	0.7404611	-1.35051	0.0326148	3.22238	3.22238	0.650001	1.23832	1.23832	1.37628	4.77259	3.08243	1
cg17265115	PCSF3	0.331658	0.225159	0.644316	-1.55265	0.372368	0.40093	2.5003	0.403553	1.57491	1.57491	0.635351	1.12825	1.12825	0.0197326	0.886974	-1.12745	0.208023	0.42157	-2.37209	0.196345	0.427109	-2.34038	0.0189606	0.0772479	-1.29453	0.0823613	0.518963	-1.92692	1.37628	9.26518	5.98404	1
cg12198639	FZD1	0.331658	0.523165	0.799211	-1.25123	0.587478	0.826531	-1.21017	0.334752	0.708525	-1.41137	0.545821	0.582235	-1.71752	0.0988918	0.534345	-1.87145	0.154441	0.589003	-1.69548	0.0958671	0.530734	-1.88418	0.109065	0.540849	-1.82866	0.123207	0.560798	-1.78317	1.37628	2.61506	1.68897	1
cg09352155	HNRNPL;HNRNPL	0.331659	0.374344	0.792873	-1.26124	0.393449	1.24919	1.24919	0.0924218	1.60221	1.60221	0.566851	1.15875	1.15875	0.95191	1.01547	1.01547	0.817814	0.942961	-1.06049	0.0954408	0.627361	-1.59398	0.260051	1.34854	1.34854	0.43706	1.22359	1.22359	1.37628	1.41211	0.912034	1
cg18123118	WNT1	0.331661	0.252	0.586023	-1.7038	0.0313364	0.227233	4.22723	0.227233	4.22723	0.227233	4.22723	0.227233	4.22723	0.227233	4.22723	0.227233	?	?	?	?	0.0254554	-1.15932	0.633336	0.515564	-1.93962	0.803647	0.895	-1.11732	0.758034	1.14751	1.14751	0.547468	1.83742	2.79151	1
cg27627209	CPA2	0.331669	0.133586	0.234834	-4.25832	0.298287	0.380825	-2.62588	0.604279	1.59706	1.59706	0.408566	0.469124	-2.13163	0.117841	0.218557	-4.57546	0.555563	0.586336	-1.70551	0.0490489	0.133715	-7.4786	0.76014	1.31547	1.31547	0.292925	0.376441	-2.65646	1.37625	17.4769	11.288	1
cg22440897	ETFB;ETFB	0.331675	0.427883	0.806455	-1.24003	0.0255156	1.28556	1.28556	0.0253934	1.66813	1.66813	0.601548	1.4811	1.4811	0.440859	0.675211	-1.48026	0.772353	1.27264	1.27264	0.193193	0.449126	-2.22645	0.0887374	0.172958	-1.45395	0.0189413	0.495044	-2.01966	1.37637	0.0754	0.0754	1
cg25679471	TYMS;C18orf56	0.331677	0.345993	0.817595	-1.2231	0.963159	0.990461	-1.00963	0.757472	1.06639	1.06639	0.785981	1.0581	1.0581	0.60924	0.898545	-1.11291	0.81597	1.952776	-1.04956	0.012418	0.52431	-1.90727	0.844664	1.04155	1.04155	0.7437	1.37045	1.37625	0.938541	0.606183	1
cg21403148	TMLHE	0.331677	0.289096	0.358201	-2.79173	0.0294998	0.0914956	-10.9295	0.449334	0.487116	-2.0529	0.491554	1.91899	1.91899	0.927832	0.918955	-1.08819	0.247721	0.323848	-3.08786	0.922141	1.09421	1.09421	0.388507	2.28083	2.28083	0.734469	1.37386	1.37386	1.37625	18.9724	12.2539	1
cg24393552	ESPNL	0.331679	0.725457	1.25654	1.25654	0.167218	1.01141	1.01141	0.168707	1.16755	1.16755	0.913966	0.986192	1.01484	0.0922599	0.821071	-1.21792	0.429063	0.873323	-1.1455	0.0387237	1.53088	1.53088	0.653282	0.929039	-1.07882	0.57429	0.858117	1.16534	1.37623	0.613617	0.396327	1
cg09845059	TESC;TESC;TESC	0.331677	0.522528	1.29251	1.29251	0.208613	1.70495	1.70495	0.305599	1.52193	1.52193	0.409382	1.39659	1.39659	0.408641	1.39737	1.39737	0.357421	1.45456	1.45456	0.0367974	2.61242	2.61242	0.0593552	2.32261	2.32261	0.196417	1.71734	1.71734	1.37623	3.41636	2.20658	1
cg18059933	TPS3INP1;TPS3INP1	0.331681	0.13476	0.347766	-2.87548	0.0596324	0.0848479	-11.7896	0.0443448	0.925765	1.08057	0.598761	0.766231	1.30511	0.0422597	0.541597	-1.84697	0.395537	0.49171	-2.03341	0.0881564	0.712192	-1.40439	0.0208167	0.0988744	-1.01184	0.123792	0.355521	-2.81284

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122T vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221T vs. N)	p-value(347T vs. N)	p-value(347 vs. N)	p-value(353T vs. N)	p-value(353 vs. N)	Fold-Change(537T vs. N)	Fold-Change(537 vs. N)	Fold-Change(5 37T vs. N)	Fold-Change(5 37 vs. N)	Fold-Change(563T vs. N)	Fold-Change(563 vs. N)	t(Test)	SS(Test)	SS(Error)	F(Error)
cg23282561	CTBP1;CTBP1	0.332111	0.777394	1.2451	1.2451	0.0594699	5.18268	5.18268	0.212865	2.75852	2.75852	0.8842341	1.122557	1.122557	0.2656615	0.407703	-2.45277	0.2968898	0.43325	-2.30814	0.404462	0.516977	-1.93432	0.322804	2.203914	2.203914	0.9739997	0.975106	-1.02553	1.37505	13.0271	8.42121	1
cg02207779	ZNEDDB;GMPR2	0.33212	0.148312	1.61081	1.61081	0.567821	1.24731	1.24731	0.223657	1.63167	1.63167	0.06568814	2.20455	2.20455	0.0442794	2.42124	2.42124	0.744767	1.13117	1.13117	0.545851	1.36357	1.36357	0.847937	1.07624	1.07624	0.766	0.802056	-1.12101	1.37502	3.18985	2.06309	1
cg04851675	RCCD1;RCCD1	0.332121	0.502491	0.591296	-1.6912	0.994703	0.994964	-1.00556	0.0133209	0.6099	10.6699	0.774962	0.801473	1.2477	0.078682	0.979582	-1.02084	0.445308	1.82342	1.82342	0.41768	1.89541	1.89541	0.624538	1.463951	1.463951	0.791597	1.22687	1.22687	1.37502	12.9811	8.39168	1
cg05778367	LOC100130331	0.332121	0.0790504	1.66947	1.66947	0.443068	0.814205	-1.22819	0.778622	1.07688	1.07688	0.499161	1.19759	1.19759	0.164691	1.4764	1.4764	0.191337	1.43849	1.43849	0.357914	1.28208	1.28208	0.234437	0.720112	-1.38867	0.827231	0.94417	-1.05913	1.37502	1.50434	0.972484	1
cg14959430	BCRP6;1	0.332131	0.271918	0.63129	-1.58436	0.224929	1.66974	1.66974	0.660056	0.675015	0.8439988	-1.18448	0.217329	0.593306	-1.68547	0.088401	0.469478	2.13003	0.644254	0.829426	-1.20565	0.0944828	0.477442	-2.0945	0.4917948	0.755328	-1.32428	0.282024	0.637846	-1.56778	1.37499	3.52297	2.27748	1
cg13074634	GAUNT9	0.332141	0.533977	0.876988	-1.14027	0.961192	1.01019	1.01019	0.183208	0.745062	-1.34217	0.861764	0.964332	-1.03699	0.286057	0.793838	-1.2597	0.464789	0.856387	-1.1677	0.0153148	0.537755	-1.85959	0.935336	0.983233	-1.01705	0.326717	0.809777	-1.23491	1.37497	0.945648	0.611341	1
cg16632462	LOC644172	0.332143	0.0707621	12.398	12.398	0.716459	0.545638	1.57584	0.184463	1.99027	1.99027	0.232284	4.76784	4.76784	0.192772	1.07664	1.07664	0.717948	1.57188	1.57188	0.853095	1.2602	1.2602	0.0901554	10.2281	10.2281	0.0659974	13.228	13.228	1.37496	33.8543	21.8862	1
cg24536394	GART;GART;GART;GART;SON;SON	0.332144	0.481833	1.44472	1.44472	0.479433	1.14559	1.14559	0.912304	1.02105	1.02105	0.0451819	1.54411	1.54411	0.204473	1.23808	1.23808	0.130289	1.36198	1.36198	0.387158	1.0457205	1.18244	0.488416	0.875404	1.14233	0.802669	1.04848	1.04848	1.37496	0.778338	0.503183	1
cg26368886	CDKN1B	0.332148	0.209587	0.752659	-1.32862	0.242688	0.76897	-1.30044	0.326901	0.804553	-1.24293	0.479786	0.856971	-1.1669	0.0524809	0.622644	-1.60605	0.385512	1.21065	1.21065	0.249582	0.772168	-1.29505	0.170488	0.730786	-1.36839	0.258636	0.776277	-1.2882	1.37495	1.00535	0.649948	1
cg16706905	IQEC;IQEC	0.332155	0.130881	0.394896	-2.53202	0.0756466	0.553846	1.80623	0.457864	0.63023	1.58643	0.0218456	1.53819	1.53819	0.387326	0.857249	-1.16655	0.257608	0.552587	-1.80983	0.345541	2.89086	0.124574	0.348478	0.587948	-1.70129	0.574933	0.834613	0.567948	-1.76059	0.574933	0.834613	0.567948	1
cg02325754	CYP11	0.332174	0.833039	0.980961	-1.10016	0.233653	0.568579	-1.75877	0.0560458	0.37584	-2.6607	0.828091	0.907296	-1.10218	0.0920894	0.43238	-2.31278	0.587183	1.28133	0.35964	1.53094	0.96039	0.977793	-1.02271	0.322123	0.629712	-1.58803	1.37488	0.442521	2.87845	1
cg18127623	ADAP1	0.332176	0.255977	0.469717	-2.12953	0.0991305	0.277097	3.60911	0.0796188	0.251194	3.97956	0.763446	1.23897	1.23897	0.155583	0.731937	-1.36686	0.489334	0.607376	-1.64643	0.115461	0.286743	-3.36993	0.343296	0.420678	-2.37711	0.861145	0.883119	-1.13255	1.37487	10.9748	7.09547	1
cg26965186	EFNA5 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI M2	0.332177	0.239137	-1.58223	1.38223	0.345481	0.774822	-1.26062	0.422786	1.23985	1.23985	0.364413	1.27727	1.27727	0.0563586	1.76359	1.76359	0.104888	1.59255	1.59255	0.246087	1.37448	1.37448	0.320236	1.30955	1.30955	0.463112	1.21666	1.21666	1.37487	1.5013	0.970627	1
cg02737399	M2;ABLIM2;ABLIM2	0.332178	0.903264	0.926664	-1.07914	0.0746041	3.46992	3.46992	0.524637	1.4976	1.4976	0.19537	2.35812	2.35812	0.0715406	0.2833507	-3.52725	0.78368	1.18813	1.18813	0.885382	0.91361	-1.09456	0.929862	0.946347	-1.05669	0.673146	0.766612	1.30444	1.37487	8.5442	5.52405	1
cg08393972	ZFYVE28	0.332178	0.889955	1.10608	1.10608	0.102067	3.68091	3.68091	0.0293551	6.48159	6.48159	0.945244	1.05129	1.05129	0.792602	0.825386	-1.21155	0.524967	0.625538	-1.59862	0.923769	0.932673	-1.07219	0.891864	0.905692	-1.10413	0.470372	0.585783	-1.70712	1.37487	11.5484	7.46635	1
cg14111928	MYST4	0.332181	0.902489	1.00515	1.00515	0.128513	0.842398	-1.24235	0.315075	0.56731	-1.76295	0.779758	1.16692	1.16692	0.926291	0.907071	-1.10183	0.672355	1.26134	1.26134	0.983975	0.986565	-1.01352	0.0406565	3.63281	3.63281	0.350887	0.592124	1.68884	1.37486	6.48655	4.19375	1
cg07744618	SYTL1	0.332182	0.247553	1.65015	2.01855	0.140907	2.50954	2.50954	0.482122	1.50641	1.50641	0.153057	2.45265	2.45265	0.581888	1.708907	-1.41052	0.808189	0.868226	-1.15177	0.694864	1.25739	1.25739	0.0553792	3.53129	3.53129	0.171125	2.33174	2.33174	1.37486	7.34979	4.75187	1
cg05932799	MPV17L2	0.332184	0.437011	1.43105	1.43105	0.067884	2.52035	2.52035	0.116265	2.16311	2.16311	0.181625	1.8983	1.8983	0.558249	1.30686	1.30686	0.557219	1.3078	1.3078	0.365335	0.656755	-1.52264	0.540639	1.32312	1.32312	0.396269	0.675242	-1.48095	1.37485	4.44922	2.87657	1
cg01679924	BANP;BANP C20orf199;SNORD12C;C20orf199;ZNFX	0.332188	0.565326	0.759311	-1.31431	0.0338568	1.76406	1.76406	0.388231	0.652217	-1.53323	0.978715	1.02843	1.02843	0.0188676	0.352694	-2.83557	0.471878	0.702111	-1.4242	0.483368	0.70875	-1.41093	0.957167	1.00927	1.00927	0.737292	0.849789	-1.17676	1.37484	5.08569	3.2881	1
cg17234198	1;C20orf199	0.332192	0.927539	0.932048	-1.07291	0.107946	0.252721	-3.95693	0.785324	0.809529	-1.23529	0.6606265	0.1887	-5.29941	0.551706	1.59468	1.59468	0.529375	0.610229	-1.63783	0.905706	1.09602	1.09602	0.244831	2.57981	2.57981	0.441118	1.83955	1.83955	1.41122	13.0951	7.21726	1
cg25740640	LOC100190939	0.332194	0.155593	1.88718	1.88718	0.559491	0.781402	-1.27975	0.100798	0.471787	-2.1196	0.282528	0.62704	-1.59479	0.746579	1.14514	1.14514	0.225141	1.70315	1.70315	0.343402	0.665004	-1.50375	0.371932	0.681705	-1.46691	0.635391	0.819025	-1.22096	1.37483	3.80392	2.45941	1
cg23638226	KLHDC8A	0.332203	0.414286	1.41286	1.41286	0.702641	1.17216	1.17216	0.0608605	0.416838	-2.39901	0.435181	0.719116	-1.3906	0.944439	0.971548	-1.02929	0.908051	0.953277	-1.04901	0.0584642	0.412549	-2.42395	0.644005	1.21254	1.21254	0.630258	1.52246	1.43264	1.37448	3.73445	2.41454	1
cg07185425	SLC5F3	0.332204	0.0868865	1.61523	1.61523	0.606906	0.719316	-1.35256	0.25119	0.694761	-1.60118	0.185511	0.437875	-2.28457	0.0711138	0.481551	-2.07705	0.574043	0.715995	-1.39666	0.213218	0.479394	-2.08597	0.255174	0.479982	-2.0081	0.305121	0.554545	-1.80759	1.37448	1.87038	1.2508	1
cg08418332	CCL19	0.332204	0.164228	0.599257	-1.66871	0.309992	1.43685	1.43685	0.521331	0.799105	-1.2514	0.277674	0.677402	-1.47623	0.180954	0.612592	-1.63241	0.613751	0.838896	-1.19195	0.667278	1.16092	1.16092	0.0829905	0.515685	-1.93917	7	7	7	1.37517	2.30108	1.67575	1
cg21080294	PIP5I1	0.332205	0.0756097	1.69435	1.69435	0.67094	1.28513	1.28513	0.240942	1.61227	-1.17327	0.757551	1.39761	1.39761	0.0991612	1.897354	1.897354	0.807221	1.40854	1.40854	0.0821221	0.290552	1.40821	1.40821	0.0981741	1.16661	1.16661	0.9869	0.986664	-1.01352	1.37479	14.5598	9.41384	1
cg09583036	RAB38	0.332207	0.839782	1.09701	1.09701	0.708367	1.37594	2.51728	0.0401968	0.338161	-2.95718	0.175046	0.517023	-1.93415	0.624929	0.798238	-1.25276	0.954704	0.974555	-1.02632	0.792369	0.886334	-1.12824	0.980115	1.01146	1.01146	0.226457	0.559417	-1.78757	1.37479	4.55472	2.94402	1
cg14030268	PI2D2B	0.332207	0.0838841	1.56883	1.56883	0.0563883	1.66298	1.66298	0.88554	0.966658	-1.03449	0.951485	0.985778	-1.01443	0.392177	1.22922	1.22922	0.36198	1.27824	1.27824	0.0727353	0.333789	0.790812	-1.26452	0.735335	0.92323	-1.08315	0.321414	1.27274	1.27274	0.735488	0.923275	-1.0831	1.37479	1.20682	0.780284	1
cg20645929	STK10	0.332213	0.591232	1.08059	1.08059	0.338568	1.01729	1.01729	0.0178548	0.81593	1.02555	0.0145055	1.19644	1.19644	0.0108876	0.352949	-2.83337	0.361606	2.45427	2.45427	0.46376	2.0676	2.0676	0.377336	2.38069	2.38069	0.482656	1.98031	1.98031	1.37479	19.3656	12.909	1
cg14794741	CAMTA1	0.332218	0.297899	0.761824	-1.31264	0.122474	0.655771	-1.52492	0.0757458	0.601755	-1.66456	0.711031	1.0961	1.0961	0.179451	0.698039	-1.43258	0.538667	0.854691	-1.17001	0.455274	0.825535	-1.21134	0.590187	1.14691	1.14691	0.108591	0.64324	-1.55463	1.37479	1.38385	0.894749	1
cg15513738	CELSR3	0.332221	0.119073	1.74253	1.74253	0.71281	1.41749	1.41749	0.514483	0.760257	-1.31547	0.0602649	0.624569	-1.60167	0.0250403	0.401955	-2.48743	0.108016	1.9438	1.9438	0.0485568	1.810956	1.81956	0.0980041	1.78206	1.78206	0.11665	1.72139	1.72139	1.37479	6.45445	4.42615	1
cg27193080	IFT122;IFT122;IFT122;IFT122	0.332218	0.294882	0.462192	-2.1636	0.424911	1.7841	1.7841	0.147278	3.01865	3.01865	0.868055	0.888586	-1.12538	0.131702	0.314739	-3.17724	0.587861	0.677915	-1.47511	0.0935619	0.269754	-3.70708	0.473665	0.595873	-1.67821	0.634673	0.711721	-1.40504	1.37476	10.9894	7.1055	1
cg21003278	CBY1;LOC646851;CBY1	0.332218	0.60798	1.28375	1.28375	0.149163	0.47388	-2.11024	0.447623	1.45303	1.45303	0.602316	1.288282	1.288282	0.792958	1.13541	1.13541	0.137739	2.16335	2.16335	0.284496	1.70635	1.70635	0.154788	2.08588	2.08588	0.105606	2.34784	2.34784	1.37476	5.07485	3.28129	1
cg19893178	TNFAIP8;TNFAIP8	0.332222	0.111246	1.66152	1.66152	0.597858	1.42689	1.42689	0.42682	0.676422	-1.47891	0.178845	0.31842	-3.14042	0.459291	0.814564	-1.22808	0.574354	1.866852	1.866852	0.0178	1.15156	1.15156	0.785718	1.05202	1.05202	0.107123	1.64434	1.64434	1.20686	1.41766	1.38185	0.897518	1
cg11948865	SHANK2;SHANK2	0.332224	0.845881	0.955763	-1.04628	0.505136	1.17026	1.17026	0.922041	0.977498	-1.02302	0.970145	1.00874	1.00874	0.695728	0.912669	-1.09569	0.2006697	1.3692	1.3692	0.0296158	1.81375	1.81375	0.212318	0.736804	-1.35721	0.869805	0.962579	-1.03888	1.37475	1.17607	0.761008	1
cg18255839	ASB1	0.332225	0.877024	1.03534	1.03534	0.71426	0.920942	-1.08596	0.646066	1.10926	1.10926	0.97306	1.0076	1.0076	0.937443	1.122964	1.122964	0.54525	1.39681	1.39681	0.823179	1.2148	1.2148	0.136981	1.608205	1.608205	0.142224	1.97404	1.97404	1.37476	1.09499	0.708006	1
cg01028287	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.332225	0.223473	1.72463	1.72463	1.163113	1.88577	1.88577	0.742133	1.15107	1.15107	0.1547334	1.84982	1.84982	0.0232528	0.586614	-1.7047	0.942826	0.969899	-1.03142	0.0758492	2.3208	2.3208	0.346775	1.5111	1.5111	0.801152	0.940326	-1.06008	1.37474	3.95334	2.55618	1
cg26570636	C7orf61	0.332226	0.129463	0.802547	-1.24636	0.475107	0.849697	-1.1705	0.594147	0.837977	-1.12819	0.44549	0.839943	-1.19056	0.107534	0.664116	-1.50547	0.119737	0.684828	-1.46024	0.0450022	0.598601	-1.67056	0.30364	0.787462	-1.2699	0.806641	1.02666	-1.02666	1.37474	1.09509	0.708069	1
cg18477816	IRF7;IRF7;IRF7	0.332226	0.438478	0.785708	-1.27274	0.924651	0.971469	-1.02937	0.428052	0.781196	-1.28009	0.713265	1.11923	1.11923	0.602316	0.853962	-1.20287	0.122889	0.600425	-1.66549	0.699303	0.888295	-1.12575	0.850516	1.05927	1.05927	0.154125	0.627766	-1.59295	1.37474	2.02781	1.31116	1
cg15900386	TCF23	0.332241	0.285344	1.61522	1.61522	0.587412	1.08168	1.08168	0.62648	0.724456	-1.38045	0.26507	0.502049	-1.99256	0.0218452	0.381055	-2.62307	0.462314	0.775208	-1.28968	0.495803	0.741748	-1.34817	0.0976511	4.41293	4.41293	0.0412	2.42183	2.42183	1.37473	2.30107	1.67575	1
cg03544771	MID1IP1;MID1IP1	0.332245	0.031122	0.263112	-3.80066	0.340448	0.595424	-1.67947	0.238733	0.521409	-1.91788	0.579995	0.744528	-1.34313	0.140869	0.433479	2.30692	0.580079	0.744578	-1.34304	0.625991	1.29592	1.29592	0.146589	0.439507	-2.27528	0.49347	0.692788	-1.44344	1.37469	6.06424	3.92121	1
cg16568681	CD59;CD59;CD59;CD59	0.332247	0.858703	1.05595	1.05595	0.619749	0.468021	-2.13661	0.620293	1.16486	1.16486	0.293217	1.39641	1.39641	0.622028	0.859133	-1.16396	0.999292	1.00027	1.00027	0.998	1.01992	1.01992	0.960826	0.750485	-1.33247	0.219114	1.48423	1.48423	1.37468	2.01569	1.31437	1
cg12302718	ADPRHL2	0.332248	0.108194	1.43805	2.28226	0.425396	1.46143	1.46143	7	7	7	7	7	7	7	7	7	0.429782	1.14595	1.14595	0.745065	0.85927	-1.16378	0.107318	0.432269	-2.31337	0.406566	1.69397	1.69397	1.37468	2.60332	1.70312	1
cg22500102	PFKFB2;PFKFB2	0.332257	0.956609	1.02507	1.02507	0.124355	2.1325	2.1325	0.062018	2.60209	2.60209	0.182441	1.90407	1.90407	7	7	7	0.46181	0.711104	-1.40626	0.666731	0.821044	-1.21796	0.95873	1.02383	1.02383	0.69466	0.835648	-1.19668	1.37302	4.00377	2.91603	1
cg25027885	DHRS1;C14orf21;DHRS1	0.332326	0.1019232	1.30462	1.30462	0.384568	1.03768	1.03768	0.0237494	1.80278	1.80278	0.407804	1.880602	1.880602	0.115939	0.087944	1.32442	1.32442	0.194651	1.22716	1.22716	0.724183	0.854851	-1.17009	0.456356	0.605	0.513994	0.745665	0.984405	-1.01584	1.37465	0.684405	0.51339	1
cg02587392	PRDM16;PRDM16	0.332261	0.197115	0.6588	-1.51791	0.637758	0.864891	-1.15621	0.48326	1.24367	1.24367	0.566767	0.8376	-1.19389	0.0572224	0.517667	-1.93174	0.679349	0.880543	-1.13566	0.204335	0.663674	-1.50676	0.671498	0.877603	-1.13947	0.0613985	0.524651	-1.90603	1.37464	2.03941	1.31875	1
cg06633978	CFDP1	0.332263	0.226539	0.490698	-2.03774	0.315134	1.75231	1.75231	0.271995	0.526079	-1.89869	0.355314	0.586343	-1.70432	0.461412	0.659759	-1.52263	0.313539	1.7946	1.7946	0.345826	1.72357	1.72357	0.117001	2.59823	2.59823	0.0698575	4.004027	4.004027	1.37463	6.40445	4.14261	1
cg16337831	TRIM37;TRIM27	0.332268	0.0881278	1.81984	1.81984	0.308959	1.39796	1.39796	0.0911456	0.573843	-1.74283	0.0615446	0.583914	-1.71307	0.0572813	0.490224	-2.03966	0.385382	1.32729	1.32729	0.325281	0.593628	-1.68456	0.288865	0.742949	-1.34649	0.797624	1.08519	1.08519	1.37462	2.20389	1.42512	1
cg19031374	BSN	0.332272	0.863279	0.960451	-1.04118	0.352113	0.792422	-1.26195	0.941614	0.982997	-1.0173	0.543404	0.865888	-1.15488	0.186745	0.720609	-1.38771	0.0113161	0.553562	-1.80648	0.137503	0.687658	-1.45421	0.512074	1.16845	1.16845	0.322565	0.787237	-1.27027	1.37461	1.19329	0.771636	1
cg06725760	WDR37	0.332279	0.610356	1.07202	1.07202	0.674912	1.08168	1.08168	0.20308	0.720077	1.3502	1.3502	0.0800753	0.212812	0.761882	0.945512	-1.07673	0.212187	1.22356	1.22356	0.314	0.585151	-1.71507	0.0744284	1.81702	1.81702	0.0362809	1.5653	1.5653	1.3746	1.56334	1.14737	1
cg18330047	TNXB	0.332285	0.208507	0.500043	-1.99983	0.277425	1.80477	1.80477	0.134338	0.430033	-2.3254	0.546758	0.727039	-1.37544	0.174207	0.469743	-2.12882	0.19894	0.491875	-2.03304	0.427113	0.654532	-1.52781	0.413838	0.646192	-1.54753	0.31996	1.71119	1.71119	1.37458	5.94826	3.84652	1
cg26337455	TRAPPC9;TRAPPC9	0.332289	0.24799	1.6724	1.6724	0.482915	1.33477	1.33477	0.882987	0.939214	-1.06472	0.822151	0.908588	-1.10061	0.990756	0.995058	-1.00497	0.412206	1.42804	1.42804	0.122088	0.489915	-2.04117	0.289036	1.5978	1.5978	0.0825025	0.440009	-2.26804	1.37456	3.94713	2.55349	1
cg16511061	ZNF225	0.332292	0.462501	1.2381	1.2381	0.0207606	2.21435	2.21435	0.150585	1.65822	1.65822	0.583637	1.17124	1.17124	0.904063	0.9661513	-1.03503	0.947211	1.081269	1.081269	0.711597	0.899383	-1.11187	0.408205	1.27325	1.27325	0.550121	1.18846	1.18846	1.37456	1.77532	1.14805	1
cg09938408	EHD4	0.332293	0.119135	0.362587	-2.75796	0.145814	0.391931	-2.55147	0.202028	0.445743	-2.24344	0.618576	0.740032	-1.35126	0.0369717	0.2338839	-4.27645	0.291045	0.518302	-1.92938	0.875106	1.09894	1.09894	0.404224	0.599332	-1.66852	0.25828	0.492858	-2.02898	1.37456	7.8325	5.06507	1
cg14436888	ZHX1;ZHX1	0.332323	0.7177501	1.30462	1.30462	0.384568	1.03768	1.03768	0.0237494	1.80278	7	7	0.709536	-1.41837	0.590249	0.60712	-1.64712	0.236387	0.768453	-1.30125	0.0894432	0.484551	-2.06377	0.0544337	2.06377	2.06377	0.0544337	0.416134	-1.13707	0.416134	0.416134	-1.13707	1.37454	0.416134	0.34218	0.551327	1
cg09351623	CHTF18	0.332324	0.256581	0.635004	-1.57479	0.0956218	0.469583	-2.01782	0.985465	0.993038	-1.00701	0.704911	0.864238	-1.15709	0.667038	0.847059	-1.18055	0.168296	0.569476	-1.756	0.0800806	0.21582	2.10582	0.540407	0.788453	-1.26831	0.794667	0.904726	-1.10531	1.37453	3.20166	2.07047	1
cg24084891	DCC	0.332397	0.0838107	1.56883	1.56883	0.0563883	1.66298	1.66298	0.88554	0.966658	-1.03449	0.951485	0.985778	-1.01443	0.392177	1.22922	1.22922	0.36198	1.27824	1.27824	0.0727353	0.333789	0.790812	-1.26452	0.735335	0.92323	-1.08315	0.321414	1.27274	1.27274	0.735488	0.923275	-1.0831	1.37479	1.20682	0.780284	1
cg05598010	GLTP01	0.332311	0.0482169	0.454807	-2.19873	0.433289	0.7565	-1.32188	0.15752	0.590094	-1.69464	0.601651	0.832091	-1.20179	0.156674	0.589372	-1.69672	0.284054	0.678151	-1.4746	0.18388	0.611401	-1.63559	0.864456	0.942116	-1.06144	0.0870014	0.517074	-1.93396	1.37451	2.65133	1.71461	1
cg00302533	STK35	0.332313	0.282159	0.80346	0.80346	0.967487	0.946667	-1.05634	0.0392353	0.0220536	-45.3441	0.910131	1.16403	1.16403	0.880845	1.22366	1.22366	0.378359	3.49291	3.49291	0.609108	2.01396	2.01396	0.732856	1.58824	1.58824	0.61246	2.00034	2.00034	1.4672	41.0682	11.081	1
cg21854194	NCOR2;NCOR2	0.332315	0.41028	1.26156	1.26156	0.352113	1.16564	1.16564	0.10741	0.744791	1.62168	1.62168	0.489213	1.21392	1.21392	0.0155564	1.74008	1.74008	0.945512	1.07653	1.07653	0.1163385	2.24808	2.24808	0.0808987	1.04962	1.04962	0.6068827	1.12564	1.12564	1.3745	1.6576	1.07197	1
cg10694761	FAM68B1;FAM68B1	0.332319	0.840678	1.09389	1.09389	0.0679394	2.48817	2.48817	0.509781	1.34733	1.34733	0.613603	1.25485	1.25485	0.206672	0.55222	-1.81087	0.723928	1.17131	1.17131	0.361301	0.6581	-1.51953	0.111393	2.16656	2.16656	0.427093	1.43553	1.43553	1.37449	4.32739	2.79855	1
cg07943120	GPI	0.332329	0.283639	0.643403	0.643403	0.177736	0.75389	1.32709	0.447709	1.35844	1.35844	0.702153	1.16423	1.16423	0.0418007	0.74729	-1.33802	0.0699448	1.18531	1.18531	0.0433507	0.472	2.44653	0.0898167	2.10297	2.10297	0.0509775	1.05062	1.05062	1.37447	3.64172	2.20041	1
cg18056254	PARP15;PARP15	0.332332	0.0439178	4.93508	4.93508	1.137785	3.00946	3.00946	0.135074	3.0361	3.0361	0.324402	2.01695	2.01695	0.104939	3.39238	3.39238	0.708085	2.9603	2.9603	0.518425	1.57041	1.57041	0.662694	1.35335	1.35335	0.186901	2.62337	2.62337	1.37445	10.3458	6.69086	1
cg15757507	LOC150185	0.332333	0.894837	0.957141	-1.04478	0.375962	0.740117	-1.35114	0.752983

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg10017899	DUBFL6	0.332986	0.594049	1.13182	0.13182	1.812754	0.953563	-1.0487	0.773484	0.943813	-1.05953	0.479911	0.15477	1.155477	0.831783	0.958271	-1.04355	0.81403	0.953879	-1.04835	0.6268384	0.591267	-1.69128	0.203305	0.7640777	-1.93877	0.308416	1.23522	1.22822	1.37373	0.8778614	0.565281	1
cg02465715	BRI3BP;BRI3BP	0.3326	0.96775	0.9893002	-1.01081	0.0895026	1.64549	1.64549	0.789421	1.0738	1.0738	0.871981	1.04111	1.041131	0.863161	0.787644	-1.26961	0.5489436	1.17508	1.175008	0.2123888	0.7051	-1.41824	0.2730041	1.35458	1.35458	0.09431	1.63116	1.63116	1.37372	1.53071	0.996293	1
cg25718632	ODF3	0.3326	0.127032	0.274051	-3.64896	0.9085132	0.913778	-1.09436	0.975892	1.02399	1.02399	0.990039	0.990256	-1.00984	0.0839871	0.22319	-4.48049	0.139537	0.287328	-3.48034	0.0622823	0.19281	-5.18645	0.340819	0.463044	-2.15962	0.3327222	0.456687	-2.18968	1.37371	13.385	8.66103	1
cg27442380	IPO7	0.332622	0.828006	1.03646	1.03646	0.3084617	1.19071	1.19071	0.05250587	1.44061	1.44061	0.4143448	1.39126	1.141221	0.1767443	1.26841	1.26841	0.172031	1.27217	1.27217	0.79338	0.9574565	-1.04442	0.2479466	0.8187424	-1.12141	0.7202055	1.0614	1.0614	1.37367	0.5906338	0.3860215	1
cg00862041	GPRASP2;GPRASP2	0.332625	0.121682	0.332459	-3.00789	0.927932	0.942353	-1.06117	0.759258	0.81673	-1.22354	0.186348	2.50806	2.508026	0.1593507	2.6837	2.6837	0.170634	0.383781	-2.60565	0.299053	0.4934	-2.02675	0.576221	0.690311	-1.44862	0.0616612	0.968903	-1.03209	1.37366	9.37215	6.06469	1
cg19788653	P2RX6;P2RX6;MGC16703	0.332628	?	?	?	0.65309	1.92408	1.92408	0.563637	0.432296	-2.31323	?	?	?	0.4561332	0.98387	2.98387	0.4002911	3.46393	3.46393	0.0392676	0.0271971	-36.7637	0.924913	1.44442	1.44442	1.44442	0.87408	0.796017	-1.25484	1.45251	34.8899	20.5889	1
cg20217872	NAV3	0.332634	0.147386	0.289192	-3.45791	0.0894337	0.224373	-4.45686	0.0379955	0.14664	-6.81942	0.339152	0.455554	-2.19513	0.123131	0.2637	-3.79219	0.50082	0.579663	-1.72514	0.4098887	0.510393	-1.95927	0.723836	0.753431	-1.32726	0.510993	0.587401	-1.70241	1.37363	13.8553	8.96588	1
cg26489994	ABCG2	0.332636	0.126863	1.77357	1.77357	0.290661	1.46248	1.46248	0.975561	1.0105	1.0105	0.720713	1.15352	1.153521	0.8985938	1.04521	1.04521	0.796325	1.0939	1.0939	0.1144426	0.551455	-1.81338	0.174066	1.6508	1.6508	0.159876	1.74562	1.74562	1.37363	2.614422	1.69169	1
cg26804431	GNHH2;PEX11B	0.332637	0.833646	0.9324334	1.07246	0.104075	0.553708	-1.809	0.440314	0.265133	-1.30696	0.225844	0.555044	-1.80026	0.2610106	1.47686	1.47686	0.0923718	1.85176	1.85176	0.929501	1.02087	1.020987	0.710639	1.13197	1.13197	0.189362	1.06929	1.06929	1.37362	2.407032	1.55761	1
cg18199807	ITPRIP	0.332646	0.625801	0.860416	-1.16223	0.84919	0.943429	-1.05096	0.311957	0.72616	-1.37711	0.920259	1.03111	1.03111	0.496806	1.23498	1.23498	0.963783	1.01399	1.01399	0.508559	1.22772	1.22772	0.159916	0.6316592	-1.58305	0.0263071	0.446616	-2.23906	1.3736	2.03585	1.31745	1
cg24435844	GA12;GA52	0.332654	0.612635	1.09755	1.09755	0.2596227	1.31544	1.31544	0.2479479	1.1193004	1.228262	1.228262	0.8807031	1.0902159	0.4722253	1.04825	1.04825	0.9476002	1.03172	1.03172	0.1588078	0.6346698	-2.33045	0.4183864	0.6790901	-1.48135	0.5541228	1.34184	1.34184	1.37358	4.912474	3.17884	1
cg22141237	HR738;RNF138	0.332656	0.725521	1.16451	1.16451	0.08717	2.26153	2.26153	0.315537	1.56577	1.56577	0.3861461	1.5316	1.5316	0.10681	0.46733	-2.13982	0.973792	0.985907	-1.01429	0.131089	0.20249	-4.93925	0.775859	1.13126	1.13126	0.834565	1.09457	1.09457	1.37357	4.060996	2.627991	1
cg02075296	BDA8	0.332669	0.091138	0.6203032	-1.61282	0.235399	1.37635	1.37635	0.0855202	1.36172	1.36172	0.7351887	1.09512	1.095112	0.2882219	1.5274	1.5274	0.4891122	1.19782	1.19782	0.3460883	0.7368212	-1.28731	0.9028373	0.9092245	-1.10345	0.2534628	1.3585	1.3585	1.37354	1.43539	0.928818	1
cg25720114	Clorf61	0.332677	0.731722	0.7963777	-1.25569	0.76048	1.22421	1.22421	0.8680818	0.8958801	-1.11632	0.525576	0.650643	-1.53694	0.0560737	0.238922	-4.18547	0.0972829	0.3000313	-3.33318	0.30437	0.22132	-4.52132	0.96678	1.02794	1.02794	0.167196	1.037499	1.037499	1.37352	9.52187	6.1622	1
cg01450140	FAM162A;CCDC58	0.332681	0.247555	1.31407	1.31407	0.568243	1.13917	1.13917	0.720656	0.922081	-1.0845	0.0680606	1.58667	1.58667	0.507225	1.16414	1.16414	0.732669	1.08054	1.08054	0.19043	0.7310067	-1.36786	0.218531	0.7464821	-1.33962	0.60244	0.888048	-1.12606	1.3735	1.11027	0.718535	1
cg13048008	NUMA1	0.332685	0.737938	0.8853976	-1.12943	0.8837575	1.94568	1.94568	0.09060455	1.88852	1.88852	0.745526	1.11992	1.11992	0.235704	0.649076	-1.54065	0.8608	1.06295	1.06295	0.526619	1.03256	1.03256	0.150967	1.70795	1.70795	0.402949	1.34674	1.34674	1.37349	2.63138	1.70266	1
cg16907558	FIGLA	0.33269	0.725957	0.807057	-1.23907	0.935124	1.05084	1.05084	0.61449	1.36256	1.36256	0.40635	0.596042	-1.67773	0.3008866	0.520481	-1.9213	0.442642	0.62074	-1.61098	0.6165211	0.735236	-1.36011	0.0234481	0.20195	0.20195	0.991149	0.993265	-1.00678	1.37348	8.071664	5.2238	1
cg17441736	MYO7A;MYO7A;MYO7A	0.332697	0.159153	1.27987	1.27987	0.100146	0.74122	-1.34386	0.6001961	0.937394	-1.06017	0.115749	1.3262	1.3262	0.625566	1.08403	1.08403	0.348772	1.17147	1.17147	0.696395	1.06645	1.06645	0.689811	1.06825	1.06825	0.286834	1.19896	1.19896	1.37346	0.585515	0.378938	1
cg18484665	THUMPD2;THUMPD2	0.332699	0.159621	0.68526	-1.46006	0.2596451	0.950611	-1.05195	0.952774	0.8033348	-1.24479	0.0315426	0.530378	-1.88545	0.692523	1.44443	1.44443	0.765098	0.927407	-1.07828	0.604872	0.598714	-1.67025	0.670591	0.897982	-1.11361	0.2568493	1.742568	-1.34668	1.37346	1.57593	0.890489	1
cg07980988	SH2D1A;SH2D1A	0.332702	0.371471	0.687258	-1.45506	0.487139	0.749355	-1.33448	0.209488	0.582395	-1.71705	0.0480418	0.39708	-2.51839	0.293843	0.640813	-1.56052	0.267407	1.60352	1.60352	0.258634	0.617728	-1.61884	0.389365	0.6973153	-1.43408	0.239708	0.6046313	-1.65395	1.37345	3.6335	2.35158	1
cg13208438	TBC1D28;TBC1D28	0.332703	0.824713	0.884554	-1.18548	0.6049553	0.560334	1.56324	0.3930878	0.268554	2.62558	0.765514	0.392407	-2.15787	0.0721337	0.519023	-1.92623	0.783616	0.809661	-1.23509	0.640879	0.14382	-6.95441	0.896098	0.904643	-1.10541	0.757252	0.788353	-1.26847	1.37344	12.7974	8.28248	1
cg01737415	OTOP2;USH1G	0.332708	0.329378	0.866987	-1.15342	0.0904188	0.765749	-1.30285	0.31155	0.862042	-1.16004	0.216733	0.831685	-1.20238	0.134231	0.795357	-1.2573	0.448868	0.896367	-1.11561	0.4133	0.888169	-1.12591	0.252341	1.18477	1.18477	0.576154	1.08337	1.08337	1.37343	0.437336	0.283045	1
cg18076562	ALOX15;ALOXE3	0.332708	0.765545	0.831233	1.20282	0.0538	1.575651	1.57651	0.2855	1.51387	1.51387	0.2610905	1.18005	1.180054	0.408878	1.375943	-2.65998	0.2888669	0.454803	-2.20149	0.2479472	0.2886	-3.46678	0.2963	0.3594555	0.951941	-1.05049	0.7714429	-1.29631	1.2884	1.21884	-1.21884	0.0394079	4.35751	4.35751	1.37343	0.2905	0.12133	1
cg12158124	INPP4A;INPP4A;INPP4A;INPP4A	0.332709	0.882496	1.04758	1.04758	0.0780076	0.540412	-1.85044	0.335295	1.36651	1.36651	0.111843	0.580331	-1.73216	0.274815	0.699721	1.42914	0.914701	1.03425	1.03425	0.230284	0.67332	-1.48518	0.182914	0.6413469	-1.55917	0.8305596	0.934886	-1.06965	1.37343	2.14835	1.39042	1
cg04463816	CACNA1H;CACNA1H	0.332717	0.996875	1.00111	1.00111	0.514686	0.829326	-1.2058	0.0893217	0.588232	-1.70001	0.257284	1.39775	1.39775	0.1589552	1.82957	1.82957	0.520443	0.831506	-1.20264	0.8446447	1.05714	1.05714	0.794752	0.928818	-1.07664	0.861266	1.05079	1.05079	1.37341	1.74506	1.12943	1
cg22428691	CAPN7;CAPN2	0.332724	0.173295	1.31947	1.31947	0.0849	1.29584	1.29584	-1.27163	0.2433636	1.47647	0.2410257	1.04298	1.042979	0.6824227	1.37458	1.37458	0.576023	1.17148	1.17148	0.0931032	0.5475	-1.82602	0.1263802	0.748736	-1.33558	0.2001	0.4704023	0.566736	-1.76449	1.37339	13.0092	8.41983	1
cg03282993	CEP36;CEP36	0.332724	0.509055	1.09515	1.09515	0.119083	0.794896	-1.25803	0.224144	1.1892	1.1892	0.2512848	1.12633	1.12633	0.19121	0.828796	-1.20657	0.348655	0.877281	-1.13989	0.618819	0.934204	-1.07043	0.2703863	1.16831	1.16831	0.526855	0.91667	-1.0909	1.37339	0.400519	0.259225	1
cg18124009	MTA1	0.332725	0.96777	0.885793	-1.01443	0.932284	1.29217	1.29217	0.541457	1.1616108	1.1616108	0.4757096	0.763624	-1.31009	0.2263158	1.11269	1.11269	0.497282	0.783457	-1.27636	0.4113655	1.34442	1.34442	0.0310824	1.11	1.11	0.0665	0.864547	-1.15667	1.37339	2.72775	1.76547	1
cg02487491	CSMD1	0.33273	0.08944122	0.225408	-4.4364	0.672994	0.713388	-1.40176	0.222143	0.360297	-2.77549	0.152338	0.295283	-3.38659	0.0641039	0.1910158	5.235111	0.196969	0.337817	-2.96018	0.475956	0.561754	-1.78014	0.117917	0.2590424	-3.86065	0.261062	1.393555	-2.54097	1.37337	13.7683	8.91124	1
cg14575355	SDF2L1	0.332753	0.160354	0.716847	-1.395	0.341134	0.804346	-1.24325	0.87188	0.964811	-1.03647	0.0244041	0.5514	-1.81357	0.8681148	1.03757	1.03757	0.915371	0.976682	-1.02387	0.218155	0.750124	-1.33311	0.390328	0.825227	-1.21576	0.638563	1.11072	1.11072	1.37331	1.07153	0.693559	1
ch.10.89613739	CREM;CREM	0.332755	0.228337	0.807705	-1.23808	0.0136845	0.657719	-1.5204	0.0763288	0.76373	-1.39523	0.369557	0.855859	-1.16842	0.768224	0.953131	-1.05118	0.840376	1.03465	1.03465	0.481554	0.886185	-1.12843	0.362237	0.854883	-1.16975	0.768408	1.05108	1.05108	1.3733	0.620503	0.401629	1
cg23873188	DNF787	0.332766	0.965344	1.011123	1.011123	0.514093	1.13064	1.13064	0.1308	1.56324	1.56324	0.3539878	1.11808	1.118084	0.4616161	1.18203	1.18203	0.0760237	1.607098	1.607098	0.1454882	0.8188985	1.84203	0.9678552	0.9995	-1.01059	0.9265557	1.02383	1.02383	1.37327	1.4166	0.918811	1
cg00326181	AGXT;AGXT	0.332784	0.544892	1.3317	1.3317	0.399829	0.668371	-1.49617	0.105622	0.437619	-2.28509	0.0818158	0.405952	-2.46335	0.959706	1.0239	1.0239	0.320758	1.61541	1.61541	0.517584	1.35892	1.35892	0.217813	0.5454497	-1.83319	0.672232	0.819598	-1.22011	1.37323	4.75302	3.07662	1
cg14392168	GALS5T4	0.332792	0.0498107	0.4462	-2.24115	0.0699263	0.481465	-2.07699	0.224299	0.631024	-1.58473	0.194662	0.609681	-1.6402	0.153151	0.575945	-1.73628	0.65122	0.848619	-1.17839	0.378533	0.721905	-1.38522	0.21188	0.622315	-1.6069	0.516695	0.788885	-1.26761	1.3732	2.82923	1.83139	1
cg18326873	ZBBX	0.332794	0.0861247	0.4697	-2.12897	0.555624	1.15688	1.15688	0.20903	1.38332	1.38332	0.631987	1.11767	1.11767	0.8619564	1.05048	1.05048	0.594545	0.951944	1.05049	0.1436	0.7742458	1.29101	0.4977444	0.844779	-1.18374	0.3930956	0.807031	-1.23911	1.3282687	1.28023	1.1782	0.305889	0.845319	1
cg05767306	AMT;AMT;AMT;AMT;AMT	0.332797	0.119934	0.474757	-2.10634	0.505355	0.74619	-1.34014	0.694041	1.1868	1.1868	0.3600414	1.59224	1.59224	0.0965925	0.45375	-2.20386	0.624148	0.807413	-1.23852	0.121046	0.482753	-2.07145	0.851066	1.08483	1.08483	0.295842	0.625268	-1.59932	1.37319	4.08096	2.64167	1
cg11727231	ILF3D;ILF3D	0.332806	0.052997	0.4128	-2.42263	0.0906263	0.27332	1.72332	0.0624886	1.68896	1.68896	0.733138	1.16156	1.16156	0.8107853	1.04287	1.04287	0.968244	1.00697	1.00697	0.754586	0.95632	-1.04487	0.744626	0.9568	-1.04487	0.744626	1.0588	1.0588	1.37317	0.66257	0.42489	1
cg01018998	CASKIN1	0.332807	0.12466	1.41556	1.41556	0.16339	1.36476	1.36476	0.839186	0.9584561	-1.04334	0.163121	1.42869	1.42869	0.564044	1.12966	1.12966	0.582156	0.890319	-1.12319	0.987938	0.997315	-1.00269	0.182706	0.744078	-1.34395	0.373178	1.2106	1.2106	1.37316	0.950463	0.615262	1
cg04976479	GRK4;GRK4;GRK4;NOP14	0.332813	0.311223	1.31406	1.31406	0.838151	0.948143	-1.05469	0.778156	1.07641	1.07641	0.130276	1.53114	1.53114	0.0886087	1.63182	1.63182	0.346555	0.877281	-1.13989	0.618819	0.934204	-1.07043	0.2703863	1.16831	1.16831	0.526855	0.91667	-1.0909	1.37339	0.400519	0.259225	1
cg19302979	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.33282	0.81507	1.036667	1.036667	0.259063	1.18437	1.18437	0.134597	1.154595	-1.57581	0.210087	0.904055	-1.10596	0.8102832	1.04287	1.04287	0.968244	1.00697	1.00697	0.754586	0.95632	-1.04487	0.744626	0.9568	-1.04487	0.744626	1.0588	1.0588	1.37317	0.66257	0.42489	1
cg06460717	PCDH8;PCDH8	0.332821	0.381756	0.493211	-2.27681	0.154523	0.40601	0.40601	0.331003	0.598358	-2.50947	0.295224	0.369498	-2.70638	0.342315	0.407644	-2.45312	0.144696	4.2073	4.2073	0.883833	0.874507	-1.1435	0.214415	0.31617	0.31617	0.99062	0.989276	-1.01084	1.37313	18.2943	11.8428	1
cg20108049	REV3L	0.332822	0.781686	1.043964	1.043964	0.124583	1.33763	1.33763	0.0836316	1.47647	1.47647	0.2102572	1.04298	1.042979	0.2431737	1.37458	1.37458	0.576023	1.17148	1.17148	0.0931032	0.5475	-1.82602	0.1263802	0.748736	-1.33558	0.2001	0.4704023	0.566736	-1.76449	1.37339	13.0092	8.41983	1
cg00607566	KPNB1	0.332823	0.881108	0.937919	-1.06619	0.0995116	0.461561	-2.16656	0.0417753	2.73171	2.73171	0.750049	0.872082	-1.14668	0.921425	1.04316	1.04316	?	?	?	0.664113	0.8293556	-1.20575	0.667848	1.20305	1.20305	0.98327	1.00902	1.00902	1.37145	3.54071	2.58172	1
cg15355420	CDS1	0.332833	0.511359	0.808797	-1.16442	0.9310015	1.14707	1.14707	0.6243871	1.38327	1.38327	0.2648267	0.756753	-1.32139	0.0716108	1.38537	1.38537	0.384585	1.12639	1.12639	0.4475015	0.9555	-1.57342	0.6955	0.9555	-1.04707	0.4739343	1.19917	1.19917	1.37312	1.14996	0.741936	1
cg08355340	MPHOSPH6	0.332835	0.178938	1.26462	1.26462	0.088503	0.587957	-1.4119	0.318466	0.65063	-1.60763	0.807906	1.102228	1.102228	0.7347135	1.11534	1.11534	0.479551	0.893648	-1.11901	0.779428	1.042473	1.04473	0.1706318	1.06638	1.06638	0.326831	1.1461	1.1461	1.37311	0.523315	0.338772	1
cg23254737	FLI2;ELF2	0.332831	0.457287	0.747603	-1.33761	0.549349	0.792314	-1.26213	0.0406356	0.403186	-2.48024	0.815405	0.914054	-1.09403	0.0531658	0.429893	-2.32616	0.90326	0.95435	-1.04783	0.448494	1.34557	1.34557	0.519531	0.778106	-1.28517	0.401141	0.718762	-1.39128	1.3731	3.21121	2.07881	1
cg09472360	PTPN6	0.332835	0.13401	1.3401	1.3401	0.218054	0.694002	-1.44094	0.0525164	0.488683	1.86883	0.214856	1.94849	1.948488	0.1044772	2.10272	2.10272	0.462362	1.17343	1.17343	0.4256975	0.795588	-1.25693	0.634607	0.8737342	-1.1445	0.6656174	1.13445	1.13445	1.37309	1.87344	1.21891	1
cg13375463	AHDC1	0.332839	0.405348	0.448133	-2.23148	0.103963	0.41367	0.41367	0.303023	0.243756	2.43756	0.373575	0.21454	2.14544	0.287188	0.397353	2.51666	0.616694	1.52418	1.52418	0.126716	0.251683	-3.97325	0.668554	0.697892	-1.43289	0.972695	1.029	1.029	1.37308	15.1673	9.81886	1
cg09665136	TRAF4	0.332841	0.821853	0.9758915	-1.06404	0.537284	1.14761	1.18761	0.9016451	1.03462	1.03462	0.9377331	1.02174	1.021741	0.6459241	1.87708	1.87708	0.078318	1.71312	1.71312	0.0153892	1.01424	1.01424	1.01424	0.953389	1.01622	1.01622	0.089507	1.67412	1.67412	1.37307	1.55399	1.06054	1
cg04594855	DOC2B	0.332846	0.863677	0.9500934	-1.05253	0.237235	0.691513	-1.4411	0.561624	1.16049	1.16049	0.83653	1.06348	1.06348	0.8930804	1.04087	1.04087	0.418641	1.27915	1.27915	0.0204428	0.23835	-4.29835	0.716245	0.8069559	-1.11488	0.6818088	0.884171	-1.1311	1.37306	1.92986	1.24935	1
cg11944746	FBXW8;FBXW8	0.332847	0.314317	0.724117	-1.38099	0.534114	1.2156	1.2156	0.709285	0.804391	-1.25039	0.15805	0.626132	-1.59711	0.0923665	0.56291	-1.77648	0.538369	0.82427	-1.2112	0.102144	1.74188	1.74188	0.630162	0.860274	-1.16242	0.796135	0.922825	-1.08363	1.37306	2.09274	1.3548	1
cg26534477	GSPC3;GSPC3;GSPC3	0.332854	0.494002	0.7153	-1.45863	0.515927	1.18317	1.18317	0.42798	1.54709	1.54709	0.7004276	1.13037	1.13037	0.7139707	1.46482	1.46482	0.262998	0.716007	-1.39648	0.2240684	0.2166447	2.31576	1.73037	0.2166447	2.31576	1.73037	0.2166447	2.31576	1.73037	1.37306	1.25984	1.35688	1
cg06412030	CCDC154	0.332858	0.424916	0.56758	-1.76187	0.417821	0.562439	-1.77797	0.144099	0.33598	-2.97637	0.872376	0.894276	-1.11822	0.4184493	0.577382	-1.73196	0.706728	0.768957	-1.30046	0.1978014	2.57574	2.57574	0.349018	1.95442	1.95442	0.0714136	0.246739	-4.05287	1.37303	10.5054	6.80111	1
cg06497152	CDU3	0.332858	0.920157	1.00931	1.00931	0.124848	0.837654	-1.16597	0.7153367	0.9668738	-1.03443	0.453122	1.07319	1.07319	0.9136908	0.9955584	-1.00444	0.880748	1.01397	1.01397	0.8035979	0.798139	-1.25291	0.1031096	0.880741	-1.13521	0.5391	0.944149	-1.05915	1.37303	0.185754	0.102056	1
cg24728008	ARX	0.332863	0.0544307	0.206029	-4.85368	0.664709	1.37117	1.37117	0.641251	1.40451	1.40451	0.273817	2.28033	2.28033	0.992076	0.9928837	1.00721	0.173913	0.350937	-2.84952	0.455633	0.576923	-1.73333	0.28232	2.24504	2.24504	0.640101	0.711148	1.40618	1.37301	11.3945	7.37678	1
cg25445931	PCOLCE2	0.332884	0.786947	0.79593	-1.25639	0.125345	0.40561	-2.04561	0.073812	0.56001	1.56001	0.763428	1.28959	1.28959	0.908757	0.907926	-1.10141	0.10857	0.228849	-4.36969	0.645301	1.47772	1.47772	0.753864	1.30344	1.30344	0.539614	0.55261	-1.68745	1.37296	15.4351	9.99309	1
cg05052511	LOC96	0.332891	0.383894	0.644437	-1.55165	0.4044246	0.690002	-1.44974	0.0525164	0.488683	1.86883	0.214856	1.94849	1.948488	0.1044772	2.10272	2.10272	0.462362	1.17343	1.17343	0.4256975	0.795588	-1.25693	0.634607	0.8737342	-1.1445	0.6656174	1.13445	1.13445	1.37309	1.87344	1.21891	1
cg19398192	Clorf57	0.332895	0.126162	0.2087735	-34.7542	0.865698	0.141123	1.41123	0.902064	1.2846	1.2846	0.708658	0.25041	2.25041	0.408107	0.73499	0.73499	0.057945	0.0837354	-114.501	0.9905568	0.102433	1.02433	?	?	?	0.350614	0.136511	-7.32544	1.52664	81.5838	33.4	1
cg13280596	LOC728743	0.332898	0.233803	0.681489	-1.46769	0.2596451	0.950611	-1.05195	0.952774	0.8033348	-1.24479	0.0315426	0.530378	-1.88545	0.692523	1.44443	1.44443	0.765098	0.927407	-1.07828	0.604872	0.598714	-1.67025	0.670591	0.897982	-1.11361	0.2568493	1.742568	-1.34668	1.37296	1.57593	0.890489	1
cg18287975	MEF2C;MEF2C;MEF2C	0.332901	0.631478	0.933053	-1.07175	0.402095	0.8841	-1.13084	0.718405	1.05329	1.05329	0.528897	0.912587	-1.09579	0.425877	0.889953	1.12365	0.017428	0.660317	-1.51442	0.431671	0.891302	-1.12195	0.294385	0.855613	-1.16875	0.507769	1.10114	1.10114	1.37291	0.447037	0.289434	1
cg14391345	FOXN3	0.332904	0.143782	0.283112	-3.53218	0.950669	0.951508	-1.05096	0.951403	1.05019	1.05019	0.655852	1.43386	1.43386	0.0533581	0.17148	-5.83159	0.27527	0.40175	-2.48911	0.10002	0.23505	-4.25441	0.819321	0.832086	-1.2018	0.209171	0.34523	-2.89662	1.3729	14.0356	9.08738	1
cg17380943	FAIM	0.332908	0.272525	1.16451	1.16451	0.08717	2.26153	2.26153	0.315537	1.56577	1.56577	0.3861461	1.5316	1.5316	0.10681	0.46733	-2.13982	0.351922	0.4077	-2.45264	0.1944682	0.1067	9.37372	0.2972566	0.4554	-2.19564	0.2329156	0.2166	-4.61538	1.3729	2.16504	1.39388	1
cg06698228	GOT1L1	0.332919	0.211689	0.764101	-1.30873	0.452214	1.16955	1.16955	0.703019	1.08148	1.08148

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 127T)	Fold-Change(121T vs. 127T)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T 537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg16075364	C7orf42	0.333183	0.196432	1.23139	0.27139	0.701196	0.05562	1.05952	0.926028	1.01277	1.01277	0.629194	1.0707	1.07077	0.0886526	1.30173	1.30173	0.90363	0.982614	-1.01769	0.196045	0.825346	-1.21161	0.214692	1.20128	1.20128	0.1118187	1.26903	1.26903	1.37215	0.428377	0.277506	1
cg03813164	C1ORF82;CUGBP2	0.333183	0.367276	1.34558	1.34558	0.0967629	0.557509	-1.79369	0.974803	0.988965	-1.01014	0.142281	0.603175	-1.65789	0.577061	1.19789	1.19789	0.112242	1.74054	1.74054	0.759646	0.906265	-1.10343	0.547201	0.822652	-1.21558	0.732432	0.895847	-1.11626	1.372155	2.2321	1.44598	1
cg27297104	UNKL BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.333185	0.288115	0.515674	-1.93921	0.085163	3.13617	3.13617	0.940726	1.04567	1.04567	0.198092	2.2634	2.2634	0.154222	0.400146	-2.49908	0.292765	1.92601	1.92601	0.925105	1.05809	1.05809	0.700552	0.792901	-1.26119	0.707772	0.797611	-1.25374	1.372114	7.83709	5.07696	1
cg06248560	4	0.333187	0.220441	7.93329	7.93329	0.033105	1.14358	1.14358	0.97642	0.948271	-1.05455	0.252168	0.84139	0.84139	0.306068	5.49363	5.49363	0.193384	8.89208	8.89208	0.323301	0.193978	-5.15522	0.0830836	21.8609	21.8609	0.122872	14.6917	14.6917	1.372144	56.1624	36.3828	1
cg11462099	ATP11A;ATP11A	0.333191	0.246556	0.483388	-2.06803	0.623943	1.3474	1.3474	0.933532	1.05131	1.05131	0.1604	0.406759	-2.45827	0.0825888	1.15357	1.15357	0.618453	0.73992	-1.3515	0.34788	0.560003	-1.78571	0.0522871	0.266022	-3.75908	0.0605908	1.0232	1.0232	1.37213	7.82095	5.06656	1
cg09473315	LOC283999	0.333191	0.18934	4.59406	4.59406	0.0606596	1.76761	1.76761	0.466549	2.25364	2.25364	0.362061	0.357937	-2.79379	0.079229	0.118021	-8.4731	0.427058	0.410935	-2.43348	0.248395	0.266271	-3.75557	0.427915	0.41164	-2.4293	0.467868	2.24804	2.24804	1.372113	26.1354	16.931	1
cg26164496	HEATR2	0.333191	0.581504	1.72141	1.72141	0.0223855	1.15127	1.15127	0.215559	1.63172	1.63172	0.559725	0.542448	-1.84345	0.624063	0.614639	-1.62687	0.603154	0.586641	-1.62605	0.857089	1.19434	1.19434	0.444825	2.24516	2.15416	0.813536	0.792322	-1.26211	1.37212	21.0934	13.6647	1
cg17763094	ADAMTSL3	0.333193	0.497412	0.785445	-1.27316	0.641287	0.605308	-1.65205	0.298562	0.685424	-1.45895	0.722946	0.882685	-1.13291	0.0479955	2.12906	2.12906	0.207222	0.494924	-2.02051	0.645333	0.850132	-1.17629	0.543719	1.2404	1.2404	0.302166	0.687488	-1.45457	1.372122	2.67053	1.73003	1
cg21500895	BTBD11;BTBD11	0.333199	0.986967	0.988163	-1.01198	0.320098	2.11476	2.11476	0.457226	1.73654	1.73654	0.12165	3.39812	3.39812	0.160934	0.335678	-2.97905	0.45129	1.74976	1.74976	0.747963	1.26493	1.26493	0.156483	0.331232	-3.01903	0.303546	2.17457	2.17457	1.3721	11.5481	7.48117	1
cg08376226	PSME4	0.333203	0.0550548	2.74151	-1.55004	0.172298	1.94157	1.94157	0.499706	1.15021	1.15021	0.0894	2.88307	2.88307	0.0107	2.03529	2.03529	0.594877	1.13535	1.13535	0.675505	0.917817	-1.08954	0.901751	1.14916	1.14916	0.229	0.886997	1.16511	1.37209	0.886997	1.582401	1
cg21758197	OTUD5;OTUD5;OTUD5;OTUD5	0.333205	0.813886	0.732237	-1.36568	0.0941396	0.08785	-11.383	0.762393	0.669836	-1.4929	0.243134	0.0232	5.0232	0.447217	0.359247	-2.7836	0.0951684	0.688449	-1.45224	0.548649	0.188764	0.158805	-6.29704	0.370339	0.69225	-1.44506	0.158805	-6.29704	1.370339	33.6925	24.586	1
cg25208111	GBF1	0.333206	0.805318	1.12373	1.12373	0.0636606	2.09913	2.09913	0.0700389	2.63663	2.63663	0.723106	0.844559	-1.18405	0.261992	3.74222	3.74222	0.889852	1.06219	1.06219	0.460655	0.688372	-1.4527	0.376004	1.51948	1.51948	0.0158735	0.777114	-1.28681	1.37209	4.90062	3.1748	1
cg23657215	PWWP2B;PWWP2B	0.333206	0.341525	0.528217	-1.89315	0.045171	0.223896	-4.46636	0.400979	0.592478	-1.68783	0.3664	0.54646	-1.82996	0.217201	0.429347	-2.32912	0.0507002	0.234598	-4.26262	0.170497	0.386534	-2.5871	0.469956	0.619592	-1.61397	0.319237	0.511545	-1.95486	1.37208	9.21559	5.97021	1
cg01459063	TMEM181	0.333208	0.563647	0.916077	-1.09161	0.725648	0.948474	-1.05432	0.299761	1.17586	1.17586	0.896776	1.01968	1.01968	0.955581	0.867027	-1.15337	0.241275	1.20223	1.20223	0.0348316	0.6949131	1.44652	0.521238	1.10255	1.10255	0.966445	1.00634	1.00634	1.37208	0.489917	0.317388	1
cg16699316	MRPS15	0.333208	0.569675	1.23964	1.23964	0.347951	1.43559	1.43559	0.744359	1.08324	1.08324	0.525267	0.941645	-1.06197	0.0831709	0.721371	-1.38663	0.263251	1.49844	1.49844	0.176067	0.71024	1.40813	0.0988003	1.96003	1.96003	0.0236706	2.74531	2.74531	1.37208	3.0375	1.96782	1
cg25588725	CLIC1	0.333213	0.0564589	0.243244	-4.1111	0.125767	0.338071	-2.95796	0.218612	0.428691	-2.33269	0.134954	0.348228	-2.87168	0.139621	0.353255	-2.83082	0.613828	0.71671	-1.39526	0.12871	0.341364	-2.92942	0.65228	0.743103	-1.34571	0.361969	0.541514	-1.84667	1.37207	9.31162	6.0325	1
cg25139031	GSK3B;GSK3B	0.333221	0.242077	0.789267	-1.2677	0.100765	1.41542	1.41542	0.905909	0.974044	-1.02312	0.278202	0.839665	-1.19095	0.641383	0.915086	-1.09279	0.877935	1.03015	1.03015	0.677604	1.08416	1.08416	0.869201	1.03234	1.03234	0.0560358	1.51788	1.51788	1.37204	0.811784	0.52992	1
cg18595305	SPY2B;LSM7;SPY2B	0.333225	0.749801	0.945668	-1.05745	0.641285	0.923154	-1.08324	0.525267	0.941645	-1.06197	0.0831709	0.721371	-1.38663	0.263251	0.819753	-1.21988	0.0951147	1.36687	1.36687	0.597465	1.09506	1.09506	0.789301	1.0407	1.0407	0.2833118	1.2092	1.2092	1.37203	0.631045	0.40883	1
cg16651895	VAT1L	0.333225	0.103987	0.528389	-1.89254	0.156832	1.72187	1.72187	0.760069	1.11619	1.11619	0.536617	0.798877	-1.25176	0.943636	0.974946	-1.0257	0.63466	0.842162	-1.18742	0.29494	1.47667	1.47667	0.32353	0.693566	-1.44182	0.146368	0.571492	-1.74981	1.37203	2.79836	1.81295	1
cg13783516	USP22	0.333227	0.523338	1.89272	1.89272	0.62632	1.38071	1.38071	0.430445	1.31664	1.31664	0.476353	1.10437	1.10437	0.0450606	1.3089	1.3089	0.351557	1.14046	1.14046	0.691708	1.01111	1.01111	0.968512	1.00189	1.00189	0.0012967	1.54491	1.54491	1.37203	0.408394	0.264584	1
cg23076913	MYOM3	0.333227	0.219247	0.386245	-2.58903	0.0679914	0.222017	-4.50416	0.0280453	0.147989	-6.75724	0.563589	0.630805	-1.58525	0.0613766	0.608051	-1.64336	0.482015	0.598872	-1.67025	0.225548	0.391755	-2.55262	0.878777	0.893707	-1.11884	1.37203	11.7805	7.63221	1
cg10282902	TMS1B	0.333228	0.544201	1.1327	1.1327	0.0626126	1.09257	1.09257	0.7104	0.941645	-1.06197	0.0831709	0.721371	-1.38663	0.263251	0.819753	-1.21988	0.104072	1.37752	1.37752	0.0114005	0.740095	-1.35118	0.594507	0.986313	-1.01388	0.124661	1.39643	1.39643	1.37201	0.908495	0.574339	1
cg12878213	DSTN;DSTN	0.333237	0.285564	1.20227	1.20227	0.149354	1.29275	1.29275	0.403629	0.867675	-1.1525	0.104494	1.34276	1.34276	0.133242	1.30866	1.30866	0.321826	1.843679	1.18528	0.714333	1.06296	1.06296	0.594271	0.0934	1.0934	0.3719	1.16446	1.16446	1.372	0.599374	0.388321	1
cg14995783	CCDC65	0.333239	0.724931	1.06789	1.06789	0.209168	1.27004	1.27004	0.798112	0.953463	-1.04881	0.817133	1.044	1.044	0.143871	1.33901	1.33901	0.162261	1.31969	1.31969	0.0278153	1.62155	1.62155	0.308631	1.21641	1.21641	0.638802	1.09187	1.09187	1.372	0.75106	0.486596	1
cg20836840	MMP11	0.333239	0.157364	1.86098	1.86098	0.0597545	1.43559	1.43559	0.144059	1.83409	1.83409	0.582664	1.83595	1.83595	0.0114863	0.56798	0.889899	-1.12503	0.760508	1.08869	1.0104	1.01604	1.39151	1.39151	0.865441	0.966301	-1.03487	1.270319	1.2567	1.2567	1.37199	0.887564	0.570338	1
cg26323077	MAML2	0.333243	0.159504	0.172923	-5.78293	0.486445	2.28309	2.28309	0.379665	2.8636	2.8636	0.709126	0.645686	-1.54874	0.0830534	0.106427	-9.39611	0.905509	1.1487	1.1487	0.139028	0.155842	-6.41676	0.60478	0.543629	-1.83949	0.187287	0.195621	-5.11192	1.371991	29.6128	19.1857	1
cg13149939	ZFP161;ZFP161;ZFP161	0.333246	0.0844877	0.778001	-1.28539	0.649804	0.907914	1.10143	0.533867	1.07436	1.07436	0.619112	0.93196	-1.07316	0.0722053	1.23273	1.23273	0.452407	1.14361	1.14361	0.0642963	1.60224	1.60224	0.157197	0.327533	0.241361	1
cg08417719	ORG1	0.333256	0.139609	1.57467	2.80217	0.777507	-1.28616	0.0715466	0.6369	-1.5701	0.151325	0.708426	-1.41158	0.845847	0.957299	1.04661	0.311348	1.790706	-1.26469	0.600381	0.888223	-1.12584	0.607783	0.904881	-1.10512	0.433361	0.853904	1.19631	1.19194	1.09219	0.707634	1
cg20491707	PPIR3	0.333261	0.14423	3.71522	3.71522	0.410538	2.02203	2.02203	0.585616	1.58504	1.58504	0.420213	1.99175	1.99175	0.129584	3.93578	3.93578	0.131219	3.90939	3.90939	0.274391	2.58968	2.58968	0.117458	4.14802	4.14802	0.0516228	6.38158	6.38158	1.37194	15.2102	9.85481	1
cg22250605	LEPREL1;LEPREL1	0.333265	0.119399	1.80732	1.80732	0.62652	1.38074	1.38074	0.434394	1.83885	1.83885	0.551745	1.80888	1.80888	0.0514975	1.83874	1.83874	0.813469	0.878761	1.13879	0.208282	1.80275	1.80275	0.118298	8.63159	8.63159	0.0750187	8.83158	8.83158	1.37193	2.09487	4.59686	1
cg20383247	YPS54;YPS54	0.333266	0.512294	1.90075	1.90075	0.647404	1.1286	1.1286	0.403808	0.79898	-1.2516	0.328729	1.30319	1.30319	0.156372	0.448897	0.188897	0.116851	1.56447	1.56447	0.0604087	1.74419	1.74419	0.189631	1.44049	1.44049	0.367332	1.27542	1.27542	1.37192	1.49949	0.97154	1
cg25588120	WDR27	0.333267	0.865389	0.95497	0.95497	0.0853402	0.923445	0.923445	0.0762662	1.08324	1.08324	0.525267	0.941645	-1.06197	0.0831709	0.721371	-1.38663	0.263251	0.819753	-1.21988	0.0951147	1.36687	1.36687	0.597465	1.09506	1.09506	0.789301	1.0407	1.0407	1.37193	0.631045	0.40883	1
cg05293117	MICA	0.333267	0.945181	1.08297	1.08297	0.789651	0.733507	-1.36331	0.855179	0.809146	-1.23587	0.505938	2.18656	2.18656	0.299022	3.48227	3.48227	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg27364916	TBXA2R;TBXA2R	0.333327	0.332698	1.22807	1.22807	0.462912	0.857599	-1.16605	0.747967	1.06853	1.06853	0.201488	0.757814	-1.31959	0.885672	1.03002	1.03002	0.762467	0.939582	-1.0643	0.0273636	1.73027	1.73027	0.802476	0.949776	-1.05288	0.822903	0.95496	-1.04716	1.371991	0.91839	0.595043	1
cg17863168	APBT;APBT	0.333329	0.606952	1.64904	1.64904	0.159518	0.949388	1.05408	0.66508	1.50425	1.50425	0.14543	1.4136	1.4136	0.177747	1.59325	1.59325	0.883477	1.13264	1.13264	0.0870754	1.52195	1.52195	0.301957	0.958644	1.04314	0.7378	0.837995	1.04314	1.3719	0.912841	0.591451	1
cg16911819	PRDM2;PRDM2;PRDM2;PRDM2	0.333276	0.204872	0.51749	-1.9324	0.951599	0.970549	-1.03034	0.601657	0.771535	-1.29612	0.375599	1.56488	1.56488	0.0180199	0.242924	-4.11651	0.794514	0.87938	-1.13717	0.843706	0.907368	-1.10209	0.926989	1.04617	1.04617	0.461535	0.691329	-1.44649	0.37189	5.26925	3.41409	1
cg08656167	SCHIP1	0.333283	0.17585	0.785742	-1.27268	0.903405	0.979866	-1.02055	0.0552382	0.695445	-1.43647	0.582892	0.911275	-1.09736	0.176243	0.785945	-1.27235	0.292606	0.509377	-1.96367	0.0304161	0.440247	0.240104	-4.16486	0.593139	-1.69108	0.0760621	0.293133	-3.41142	1.37188	8.45888	5.48281	1
cg19191955	NFKBIE	0.333285	0.178711	0.442379	-2.26051	0.790938	0.859267	-1.16378	0.990056	1.00714	1.00714	0.451827	0.645582	-1.54899	0.0926	1.42158	0.845847	0.957299	1.04661	1.04661	0.0273636	1.73027	1.73027	0.802476	0.949776	-1.05288	0.822903	0.95496	-1.04716	1.371991	0.91839	0.595043	1
cg20886183	OPCML	0.333296	0.228108	0.335618	-2.97958	0.915862	1.09549	1.09549	0.131912	4.06909	4.06909	0.315679	2.44818	2.44818	0.109277	0.221564	-4.51337	0.562455	0.960189	-1.04146	0.901922	1.11227	1.11227	0.801141	0.804278	-1.24335	0.166585	0.280032	-3.57102	1.37184	16.1826	10.4856	1
cg07182616	NPAS3;NPAS3;NPAS3;NPAS3	0.333303	0.0899824	0.419192	-2.38499	0.0615606	0.197382	-5.06572	0.0245463	0.0881554	0.92959	-1.07556	0.0192915	-5.18439	0.0881612	0.612615	-1.63259	0.0479	0.804153	1.24307	0.0247	0.0402	0.0402	24.8756	0.0402	24.8756	0.0402	24.8756	0.0402	24.8756	1.37183	0.0402	24.8756	1
cg24150051	CAPN2;CAPN2	0.333311	0.512536	0.865696	-1.15514	0.098491	1.48207	1.48207	0.279665	1.27639	1.27639	0.946096	0.985425	-1.01479	0.765728	0.937767	-1.06636	0.845653	0.958564	-1.04323	0.715686	0.731498	1.36706	0.133888	0.688337	-1.45278	0.463677	0.850475	-1.17581	1.3718	1.02438	0.663769	1
cg22003043	C22orf34-YWHAH	0.333317	0.992837	0.997511	0.997511	0.0826256	1.25679	1.25679	0.151916	1.68311	1.68311	0.855159	0.954434	-1.04774	0.160397	1.45109	1.45109	0.873688	1.04029	1.04029	0.142795	0.683746	1.46253	0.338354	0.783413	-1.27973	0.938946	1.00198	1.00198	1.37192	0.887564	0.570338	1
cg02792780	STAB1	0.333318	0.282334	0.743856	-1.34435	0.786609	1.07452	1.07452	0.155443	0.668565	-1.49574	0.0982478	0.618574	-1.61662	0.216176	0.708408	-1.41162	0.649599	1.12879	1.12879	0.281479	1.34511	1.34511	0.969798	1.01008	1.01008	0.194397	0.695156	-1.43853	1.37178	1.5242	0.987654	1
cg11049439	ZBTB17	0.333321	0.598037	0.776846	-1.28726	0.648407	1.41944	1.41944	0.0536556	2.04965	2.04965	0.166575	2.14081	2.14081	0.164737	0.790837	-1.26448	0.883215	1.10205	1.10205	0.556224	0.760913	1.31413	0.240407	0.775985	1.29205	0.0598798	1.0365	1.0365	1.3717	0.839386	0.57516	1
cg20039902	ACYP1;ACYP1;ACYP1;ACYP1	0.333325	0.811476	1.09717	1.09717	0.0862634	1.81555	1.81555	0.0397252	1.79949	1.79949	0.37832	1.25444	1.25444	0.0197	2.57204	2.57204	0.387975	1.32105	1.32105	0.950045	0.983582	1.01669	0.260657	1.5206	1.5206	0.178124	2.15121	2.15121	1.37196	2.15121	1.39396	1
cg05223760	PPP1R3F	0.333329	0.113476	0.515139	-6.59897	0.845202	0.80722	-1.23882	0.926305	0.903611	-1.10667	0.18949	4.43179	4.43179	0.178562	4.78654	4.78654	0.0872136	0.126322	-7.91625	0.785937	0.742115	-1.3475	0.973472	0.964224	-1.0371	0.843425	0.805207	-1.24192	1.37175	26.0771	16.8979	1
cg04907956	CD9	0.333337	0.331834	1.70654	1.70654	0.0258749	0.669469	-1.49354	0.0626637	0.687485	-1.45472	0.267187	0.82042	-1.21879	0.928972	0.914038	-1.09401	0.744007	1.42423	1.42423	0.0144	0.644127	1.55214	0.0961	0.440467	0.947161	1.0691	1.0691	0.842801	0.930213	-1.07502	1.3717	2.84281	1.83086	1
cg21424329	ESD	0.333338	0.131728	0.597316	-1.67415	0.92664	1.02978	1.02978	0.483707	0.79808	-1.2516	0.328729	1.30319	1.30319	0.156372	0.448897	0.188897	0.116851	1.56447	1.56447	0.0604087	1.74419	1.74419	0.189631	1.44049	1.44049	0.367332	1.27542	1.27542	1.37192	1.49949	0.97154	1
cg25441207	GPR176	0.333341	0.225802	0.79725	-1.31109	0.772807	1.06358	1.06358	0.244803	1.26926	1.26926	0.620159	1.11226	1.11226	0.116628	1.4377	1.4377	0.737434	1.1078	1.1078	0.211136	1.32365	1.32365	0.0765001	1.521	1.521	0.685258	0.916891	-1.09064	1.37172	0.985109	0.638361	1
cg09766769	RDGDI	0.333343	0.8050869	0.872826	-1.14866	0.63163	0.887124	-1.13414	0.0436663	0.563163	-1.77568	0.362224	0.578353	-1.72905	0.0454643	0.202149	4.9438	0.422504	0.636494	-1.57111	0.2	0.70961	1.07061	1.07061	0.7468829	0.92604	1.50105	1.50105	1.40559	5.85222	2.64308	1
cg27534980	FAM18A	0.333347	0.317803	0.835354	-1.1971	0.619486	0.916481	-1.09113	0.0344234	0.650634	-1.53696	0.768334	0.949841	-1.05281	0.168461	0.774396	-1.29133	0.23631	1.24134	1.24134	0.783455	1.04917	1.04917	0.41444	0.864726	-1.15644	0.784437	0.953353	-1.04893	1.3717	0.659404	0.427306	1
cg19354370	ZNF162;ZNF16	0.333353	0.212348	0.24427	-4.09417	0.0147851	1.14548	1.14548	0.713563	0.914458	-1.09344	0.556774	0.722736	-1.38394	0.0413	0.136326	-7.34007	0.13886	0.768228	-1.30167	0.0455	0.19084	0.550545	-1.81684	0.24707	0.405055	-2.46972	0.0504438	0.382511	1.37196	1.2676	0.8267	1
cg16720687	LOC100128292;DLG5	0.333361	0.803128	0.946425	-1.05661	0.72115	1.08214	1.08214	0.236884	1.31413	1.31413	0.848327	0.958672	-1.04311	0.729908	1.07939	1.07939	0.0819386	0.65384	-1.52943	0.11246	1.46362	1.46362	0.155426	1.39807	1.39807	0.784688	1.06223	1.06223	1.37167	1.05562	0.684077	1
cg09656167	SCHIP1	0.333364	0.17585	0.785742	-1.27268	0.903405	0.979866	-1.02055	0.0552382	0.695445	-1.43647	0.582892	0.911275	-1.09736	0.176243	0.785945	-1.27235	0.272318	0.825791	-1.21096	0.464812	0.882829	-1.13272	0.847086	0.888318	-1.12572	0.047106	0.683434	-1.4632	1.37166	0.609658	0.395083	1
cg07195622	SIRM2;LOC100128788	0.333365	0.657316	0.923484	-1.08286	0.84354	0.965382	-1.03586	0.390725	1.16976	1.16976	0.0657839	0.692054	-1.44497	0.976656	1.00523	1.00523	0.159872	0.765108	1.30702	0.29176	0.822807	-1.21535	0.242827	1.24348	1.24348	0.467824	1.14078	1.14078	1.37165	0.690551	0.447506	1
cg06672250	EPB49;EPB49;EPB49;EPB49	0.333366	0.539985	1.59205	1.59205	0.0515041	5.26678	5.26678	0.0347856	6.323	6.323	0.642127	1.79932	1.79932	0.34675	2.06722	2.06722	0.182797	2.88518	2.88518	0.941035	1.05701	1.05701	0.464472	1.74721	1.74721	0.7379955	1.28617	1.28617	1.37165	12.2039	7.90862	1
cg17466748	FOXK1	0.333368	0.3916262	1.18534	1.18534	0.0258749	0.669469	-1.49354	0.0626637	0.687485	-1.45472	0.267187	0.82042	-1.21879	0.928972	0.914038	-1.09401	0.744007	1.42423	1.42423	0.0144	0.644127	1.55214	0.0961	0.440467	0.947161	1.0691	1.0691	0.842801	0.930213	-1.07502	1.3717	2.84281	1.83086	1
cg03190045	FAM53A	0.333377	0.766728	1.10297	1.10297	0.391228	1.33663	1.33663	0.514217	1.24348	1.24348	0.634391	1.17149	1.17149	0.234453	1.5077	1.5077	0.929845	1.02943	1.02943	0.0186515	2.55846	2.55846	0.297848	1.42694	1.42694	0.121596	1.73827	1.73827	1.37162	2.35765	1.52789	1
cg24254595	IRF2	0.333377	0.242337	0.788227	-1.26847	0.0664358	0.749427	-1.33437	0.0879597	0.565972	-1.76807	0.143998	1.38991	1.3536	0.749417	1.33437	0.0879597	0.565972	-1.76807	0.143998	0.775571	1.24531	0.802492	-1.24604	0.775571	1.24531	0.802492	-1.24604	0.775571	1.24531	0.802492	-1.24604

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg04070434	GPI1A	0.333758	0.136312	2.025229	-3.91804	0.705733	1.38091	1.38091	0.402505	2.07287	2.072287	2.072287	0.711882	1.750774	-1.36841	0.6573013	0.174741	-2.72276	0.283566	0.387561	-2.58024	0.155552	0.274475	-3.64332	0.207589	0.323196	-3.0941	0.660937	0.68693	-1.45575	1.37059	15.713	10.1906	1
cg16523675	RNASET2	0.333759	0.191438	0.790539	-1.26496	0.322107	0.840443	-1.18985	0.37591	0.856903	-1.16699	0.76886	0.951154	-1.05135	0.29329	0.830746	-1.20374		0.152665	0.770805	-1.29735	0.185211	1.26960	1.26960	2.077101	1.25329	1.25329	0.804226	0.95867	-1.04311	1.37059	0.62692	0.406585	1
cg14420186	CKS2	0.333759	0.547802	1.06432	1.06432	0.102775	1.20077	1.20077	0.410898	1.09001	1.09001	0.807195	0.97525	-1.02538	0.158433	1.16711	1.16711		0.600948	1.05558	1.05558	0.251064	0.884338	-1.13079	0.1595	0.857203	-1.16558	0.575638	1.05968	1.05968	1.37059	0.228042	0.147895	1
cg23175583	NAA10	0.333765	0.167735	0.107501	-9.30224	0.053812	0.036167	-27.4824	0.602349	0.450542	-2.21955	0.184556	0.45356	8.45356	0.719547	1.72785	1.72785		1.227624	0.146467	-6.82707	0.814234	1.42604	1.42604	0.87439	1.27119	1.27119	0.992773	1.01383	1.01383	1.37058	0.49361	32.3861	1
cg07484403	TMEM161A	0.333771	0.292374	0.764362	-1.30828	0.409038	0.812788	-1.23033	0.502872	1.18205	1.18205	0.509303	0.848174	-1.179	0.0569823	0.588714	-1.69862		0.20552	0.73998	-1.38893	0.135529	0.67319	-1.48547	0.109392	0.650915	-1.5363	0.821824	0.946028	-1.05705	1.37056	1.3134	0.851818	1
cg09535124	IGF2R	0.333771	0.855379	0.913319	-1.09491	0.171699	0.484753	-2.06291	0.922096	1.04888	1.04888	0.413827	1.5155	1.5155	0.179838	0.492172	-2.03181		0.247097	0.547556	-1.8264	0.100704	0.408705	-2.44675	0.130788	0.443961	-2.25245	0.575541	1.32515	1.32515	1.37056	0.57363	3.48674	1
cg03997716	ESPN;ESPN	0.333773	0.329331	0.398862	-2.50713	0.964769	0.960475	-1.04115	0.990329	0.988995	-1.01113	0.523995	1.80323	1.80323	0.06988585	0.157152	-6.36327		0.155078	0.249265	-4.0118	0.533767	0.561666	-1.78042	0.132765	4.39697	4.39697	0.932629	1.08025	1.08025	1.37055	1.08043	11.7352	1
cg07172356	ERBB2IP;ERBB2IP	0.333774	0.772159	0.951265	-1.06925	0.263647	1.30811	1.30811	0.799361	1.0605	1.0605	0.40132	1.2191	1.2191	0.976227	1.009278	1.00678		0.6492838	1.67788	1.67788	0.073457	0.708279	-1.29756	0.59199	1.13289	1.13289	0.001683	1.51408	1.51408	1.37055	1.15453	0.748788	1
cg06856379	LY75	0.333779	0.431679	0.780273	-1.28193	0.70938	1.12284	1.12284	0.475579	0.708894	-1.25173	0.731585	1.11245	1.11245	0.184727	0.591784	-1.6898		0.083566	1.80891	1.80891	0.540048	1.24043	1.24043	2.211651	2.865539	2.865539	0.053485	1.05385	1.05385	1.37028	0.636358	1.57344	1.37054	2.07904	1.3484	1
cg22857604	RASSF5;RASSF5;RASSF5;RASSF5	0.333808	0.35566	0.782016	-1.27875	0.641509	1.12901	1.12901	0.675691	1.11503	1.11503	0.370813	1.26848	1.26848	0.805056	1.06609	1.06609		0.0447715	0.550925	-1.81513	0.161586	0.679202	-1.47232	0.236494	0.725425	-1.3785	0.995346	1.00151	1.00151	1.37046	1.45361	0.942823	1
cg16523463	MYL2;MYL2	0.333814	0.899652	0.972599	-1.02765	0.843728	1.10466	1.10466	0.644564	0.963819	0.636099	-1.5647	0.673897	0.906499	-1.10354	0.906319	0.706317	-1.41568	0.0799024	1.56928	1.56928	0.736321	0.924607	-1.08154	0.954395	0.80177	-1.24731	0.822333	0.949174	-1.05355	1.37044	1.16763	0.757339	1
cg24498587	ZNF202	0.333814	0.557009	0.87991	-1.13648	0.236583	1.30619	1.30619	0.832366	0.955372	-1.04671	0.286598	0.78793	-1.26915	0.518086	0.689726	-1.15157		0.712295	0.923318	-1.08305	0.049704	1.61965	1.61965	0.593275	0.89037	-1.12313	0.244743	0.769439	-1.29965	1.37044	1.00605	0.65312	1
cg24039294	ALDH4A1;ALDH4A1;ALDH4A1	0.333814	0.619626	0.885181	-1.15583	0.449171	0.709957	1.2002	0.957723	0.537192	-1.86084	0.651623	0.876343	-1.14058	0.063833	0.547242	-1.82755		0.226503	1.44213	1.44213	0.674099	0.884789	-1.13021	0.7018	0.894634	-1.11777	0.403158	0.780678	-1.28094	1.37044	1.82709	1.17913	1
cg21456313	TSC2203	0.333817	0.0470236	0.0546809	-18.2879	0.536434	0.14819	-2.14819	0.265349	0.839148	-4.18553	0.865789	0.814078	-2.12838	0.813378	0.750012	-1.33331		0.126273	0.126219	-7.92275	?				1.7654	1.7654	0.934557	1.105	1.105	1.45274	28.7833	14.8599	1
cg02238178	IL28B	0.33382	0.379076	0.689539	-1.45024	0.038827	2.6762	2.6762	0.778451	0.890308	-1.12321	0.757261	0.880105	-1.16233	0.124321	0.503828	-1.9848		0.534584	1.29574	1.29574	0.784127	1.11977	1.11977	0.483705	1.34071	1.34071	0.837575	1.08823	1.08823	1.37043	3.683155	2.38897	1
cg03574787	SLC4A2	0.33382	0.447521	1.1907	-1.73983	0.409354	1.38683	1.38683	0.833837	1.08387	0.663878	1.38383	1.38383	0.549129	1.5848	0.402343	2.48065		0.480343	1.07065	1.07065	0.912601	0.679519	-1.47163	0.112541	0.290507	-3.44119	0.740632	0.788402	-1.26824	1.37041	1.31069	7.20244	1
cg00119811	RGNEF	0.333829	0.277896	0.425476	-2.35031	0.358987	2.03988	2.03988	0.908312	1.09117	1.09117	0.184093	0.344001	-2.90696	0.04559005	0.176205	-6.67522		0.309718	0.451082	-2.21689	0.196533	0.355522	-2.81277	0.77174	0.802281	-1.24645	0.307243	0.449116	-2.2266	1.3704	12.4486	8.07457	1
cg01061575	PRR5;PRR5-ARHGAP8;PRR5;PRR5;PRR5;PRR5	0.333842	0.336442	0.89616	-1.11587	0.484989	0.924505	-1.08166	0.829422	0.976415	-1.02415	0.223499	0.868074	-1.15198	0.151942	0.843841	-1.18506		0.6478	0.950394	-1.0522	0.0365745	0.764347	-1.30831	0.347793	1.11286	1.11286	0.760125	1.03446	1.03446	1.37037	0.2655589	0.172274	1
cg02017348	TRAPPC9;TRAPPC9	0.333842	0.448925	0.737571	-1.3558	0.584572	2.3242	2.3242	0.165713	1.79166	1.79166	0.369498	0.650778	1.52258	0.624508	0.823205	-1.21476		0.838917	0.922848	-1.0836	0.272106	1.57124	1.57124	0.498548	0.762602	-1.3113	0.844539	1.08052	1.08052	1.37037	1.3772	2.19062	1
cg02671578	SHANK2;SHANK2	0.333853	0.955842	1.01484	1.014784	1.45957	1.49957	0.893845	0.663785	1.66375	1.66375	0.559743	0.854775	-1.1699	0.993439	0.833243	-1.20013		0.948613	1.0173	1.0173	0.24389	0.722963	-1.3832	0.272496	1.35512	1.35512	0.352	0.775044	-1.29205	0.37033	1.53638	0.9966	1
cg17354807	AARS2	0.333856	0.091562	1.793126	1.930026	0.026457	0.476623	2.03861	0.347242	0.800916	-1.12106	0.538844	1.25292	1.25292	0.433129	1.32668	1.32668		0.159057	0.82704	-1.20975	0.134254	0.920498	-1.08637	0.107385	0.696083	-1.43661	0.823415	1.08219	1.08219	1.37033	2.71947	1.7582	1
cg18722841	PHOX2A	0.333857	0.0491123	22.8566	22.8566	0.545404	2.3456	2.3456	0.230122	5.77792	5.77792	0.760493	0.653081	-1.5312	0.785453	0.683769	1.46248		0.0904274	13.4526	13.4526	0.571105	0.450478	-2.21986	0.667119	1.82725	1.82725	0.223238	5.9468	5.9468	1.37033	42.1215	27.3229	1
cg01571579	ADSS	0.333864	0.047044	0.679207	-1.47231	0.591413	1.01661	1.09661	0.471016	1.13292	1.13292	0.827473	0.963534	-1.03785	0.493407	0.888361	-1.12567		0.27222	0.82324	-1.21471	0.765052	1.05233	1.05233	0.385078	0.85954	-1.16341	0.183766	1.27126	1.27126	1.37031	0.628629	0.407778	1
cg11468233	DPY19L2P2;DPY19L2P2	0.333875	0.627505	0.869737	-1.14631	0.376583	1.29256	1.29256	0.653945	1.08261	1.08261	0.613674	0.404303	-2.46564	0.645585	0.848815	-1.15099		0.913713	1.04067	1.04067	0.845302	1.03347	1.03347	0.794361	1.44425	1.44425	0.079463	1.80651	1.80651	1.37028	2.00348	1.25899	1
cg18193950	C2orf27B	0.333878	0.613562	1.06933	1.06933	0.367967	0.885393	-1.12944	0.232715	0.84813	-1.17906	0.401947	0.893228	-1.11954	0.98285	1.00283	1.00283		0.443433	1.10833	1.10833	0.0308768	1.39606	1.39606	0.872732	1.02133	1.02133	0.901686	1.0164	1.0164	1.37027	0.37601	0.243916	1
cg16566391	CRABP1	0.333879	0.305705	0.260149	-3.84396	0.302804	0.780794	-1.96158	0.99361	1.10821	1.10821	0.237896	0.426348	-2.3455	0.0842001	0.239353	-4.17793		0.505413	0.602975	-1.65844	0.0562855	0.198279	-5.04341	0.189811	0.552675	-2.83547	0.41367	0.594878	-1.81858	1.37027	12.1614	7.88908	1
cg13330868	MAGI2	0.333882	?	?	?	?	0.845609	0.894983	-1.11734	0.926742	1.05373	1.05373	?	?	0.3025101	0.544502	-1.83654		?	?	?	?	?	?	?	0.314254	0.959584	1.03202	1.03202	1.36186	1.65736	4.55981	1
cg26890920	MAN1C1	0.333891	0.99357	0.984923	-1.01531	0.0812772	0.703157	-1.42216	0.682809	0.927864	-1.07774	0.671528	1.08083	1.08083	0.07188844	0.693399	-1.44217		0.392461	0.852444	-1.1731	0.253586	0.80471	-1.24268	0.749774	1.06004	1.06004	0.289165	1.22201	1.22201	1.37024	0.720661	0.4675	1
cg22182975	GPR31	0.333892	0.415322	1.2705	-1.27701	0.319552	1.78937	1.78937	0.441231	1.27955	1.27955	0.0977	1.1279	1.25941	0.796144	1.1279	1.17755		0.899622	1.03776	1.03776	0.905306	1.20928	1.20928	0.98851	0.99578	-1.00424	0.943195	1.02115	1.02115	1.37024	1.81786	2.2143	1
cg02742418	SLC15A4	0.333895	0.97005	0.987941	-1.01221	0.901481	0.960769	-1.04083	0.475052	1.26458	1.26458	0.965219	0.986008	-1.01419	0.308274	1.40606	1.40606		0.950177	1.0204	1.0204	0.0146516	1.64106	1.64106	0.217727	1.52823	1.52823	0.976177	1.0097	1.0097	1.37022	1.26632	1.4702	1
cg24940861	CTBS	0.333905	0.091562	1.793126	1.930026	0.026457	0.476623	2.03861	0.347242	0.800916	-1.12106	0.538844	1.25292	1.25292	0.433129	1.32668	1.32668		0.178572	0.88597	-1.14208	0.334754	0.920498	-1.08637	0.107385	0.696083	-1.43661	0.823415	1.08219	1.08219	1.37033	2.71947	1.7582	1
cg13127421	SAMD14	0.333911	0.697213	1.12726	1.12726	0.112274	0.588756	-1.6985	0.860846	0.947662	-1.05523	0.86366	0.948705	-1.05407	0.326367	1.36404	1.36404		0.184296	1.53952	1.53952	0.38338	1.31503	1.31503	0.342146	0.740917	-1.34968	0.125288	1.66251	1.66251	1.37018	2.03696	1.32146	1
cg04007987	TTYH2	0.333916	0.646945	0.681988	-1.4663	0.02211	0.10254	-9.75233	0.129562	0.256858	-3.8932	0.82649	1.19986	1.19986	0.719782	0.741564	-1.3485		0.264275	0.380699	-2.62674	0.445143	0.524133	-1.90791	0.293563	0.404836	-2.47014	0.823846	1.20327	1.20327	1.37017	1.94983	9.69762	1
cg20707907	TEC	0.333928	0.285814	0.445599	-2.24487	0.456091	0.74255	-1.34645	0.703455	0.924955	-1.08145	0.744601	1.34026	1.34026	0.475373	1.32003	1.32003		0.481748	0.745307	-1.34179	0.171175	0.739755	-1.35247	0.105353	0.711551	-1.40539	0.20139	0.96548	-1.03567	0.096285	0.263945	-3.78867	0.900223	0.91257	-1.09581	1.37014	1.15444	7.48956	1
cg07380504	NRG3;NRG3;NRG3 /// NRG3;MGAT3;MGAT1;MGAT1;MGAT3	0.333928	0.71304	0.864507	-1.15673	0.638897	1.20477	1.20477	0.0705426	0.450858	-2.21799	0.627151	1.18267	1.18267	0.0480339	0.410338	-2.43701		0.476373	1.33032	1.33032	0.750604	1.13393	1.13393	0.930729	0.966312	-1.03486	0.377418	0.699785	-1.42901	1.37013	3.37121	2.18711	1
cg22381282	1	0.333933	0.872423	0.850529	-1.11728	0.654626	1.36441	1.36441	0.908672	0.923864	-1.08241	0.153882	0.307491	-3.25213	0.870035	0.893153	-1.11963		0.637367	1.38771	1.38771	0.139974	2.99167	2.99167	0.0815672	0.263924	-3.78898	0.183618	1.84566	1.84566	1.37012	10.3335	6.70404	1
cg12419239	CYP2F1;CYP2F1	0.333943	0.477494	0.8001	-1.24994	0.186123	1.54164	1.54164	0.667723	1.14265	1.14265	0.689032	1.13226	1.13226	0.309362	0.722635	-1.38382		0.0557579	1.95279	1.95279	0.461902	1.2602	1.2602	0.75672	1.10071	1.10071	0.246367	0.687746	-1.45402	1.3701	2.06904	1.34234	1
cg26473189	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.333943	0.424134	1.5446	1.5446	0.184629	0.784474	1.9006	0.465339	1.35697	1.35697	0.425031	0.792202	1.26203	0.0988146	1.31346	1.31346		0.4928802	0.597164	-1.67458	0.30124	0.452502	-2.20993	0.469411	0.579563	-1.72441	0.835716	1.16618	1.16618	1.37011	1.48229	4.71582	1
cg27399414	CLSTN1;CLSTN1	0.333942	0.212227	0.67087	-1.47691	0.219457	1.46702	1.46702	0.0756821	0.556118	-1.79818	0.392585	1.29683	1.29683	0.27343	0.713018	-1.40249		0.883732	1.04438	1.04438	0.930706	0.976819	-1.02373	0.210118	0.675776	-1.47978	0.925858	0.972755	-1.02801	1.3701	1.59116	1.23992	1
cg17798819	ZNH2	0.333943	0.304312	1.17151	1.17151	0.30211	0.581317	-1.72117	0.0605567	0.885038	1.14954	0.327514	1.12356	1.12356	0.0414302	1.484158	1.13799		0.0993553	1.07204	1.07204	0.788811	0.575106	1.73645	0.0206145	1.10845	1.10845	0.709361	1.07044	1.07044	1.06564618	1.45586	0.9465338	1.37008	0.4563338	0.4563338	1
cg23225103	CNTN2	0.333944	0.452847	0.753655	-1.32687	0.217565	1.61564	1.61564	0.355185	0.703462	-1.42154	0.0357375	2.46882	2.46882	0.501463	0.777003	-1.287		0.7985122	1.09922	1.09922	0.624308	0.833146	-1.20027	0.796903	0.909031	-1.10007	0.452861	1.32685	1.32685	1.37009	2.96775	1.92542	1
cg20665157	CADPS2;CADPS2;CADPS2	0.333945	0.312251	0.445345	-2.24387	0.0240077	0.0930125	-10.7512	0.260684	0.663018	-1.50802	0.0138358	0.427525	2.33924	0.0264284	0.410353	-2.43702		0.5638646	0.610153	-1.63904	0.0270858	0.404961	-2.46951	0.0139809	0.291435	-3.43107	0.0115978	0.47009	-2.1275	0.0187454	0.11665	-8.57009	0.55973	-1.78603	0.10913	1
cg21846194	SEMA5B	0.333946	0.409654	1.1437	-1.14387	0.38716	0.643954	0.643954	0.263795	0.731368	0.731368	0.263713	0.43213	0.806316	-1.24021	0.203801	0.71455	-1.41355	0.0981824	1.62756	1.62756	0.156568	0.918371	-1.31256	0.30943	0.32638	1.32638	0.538443	0.84598	-1.18206	1.37009	1.56465	0.81512	1
cg00418828	SYNPR	0.333947	0.73909	1.14604	1.14604	0.0196691	0.15554	1.15554	0.354028	0.67783	-1.4753	0.934867	0.967217	-1.03389	0.822856	1.09575	1.09575		0.58169	0.796991	-1.25472	0.783816	0.89391	-1.11868	0.456676	1.36225	1.36225	0.457002	0.734251	-1.36193	1.37009	3.60871	2.34127	1
cg06539449	CCND1	0.333947	0.276855	0.51503	-1.94165	0.27701	0.859543	0.859543	0.254212	0.833372	0.168579	0.641231	1.09667	1.09667	0.364679	0.778665	-1.2846		0.8709522	1.03776	1.03776	0.905306	1.20928	1.20928	0.98851	0.99578	-1.00424	0.943195	1.02115	1.02115	1.37024	1.81786	2.2143	1
cg23991482	LSM7	0.333957	0.328803	1.46868	1.46868	0.946228	0.974606	-1.02606	0.481641	1.31358	1.31358	0.614485	0.82392	-1.21371	0.0885135	0.483899	2.0475		0.956204	1.22622	1.22622	0.0771948	0.476269	-2.11551	0.34823	1.44527	1.44527	0.787943	1.10829	1.10829	1.37006	3.15572	2.04742	1
cg12191312	KIF19	0.333960	0.808934	0.938769	-1.06523	0.482386	0.859151	-1.16372	0.0314564	0.532049	-1.92136	0.946552	1.02764	1.02764	0.35531	0.78035	-1.28148		0.577357	1.15816	1.15816	0.317101	1.30046	1.30046	0.156848	0.673709	-1.48432	0.456493	0.824248	-1.21323	1.37003	1.47621	0.957777	1
cg19324714	ASB18	0.333967	?	?	?	?	0.483286	1.859151	-1.859161	0.9310911	0.71314	0.71314	0.474988	1.342589	-2.918959	0.9005582	0.831697	1.20236	1.354694	4.07124	4.07124	0.917852	1.1643	1.1643	1.44741	1.07406	1.07406	0.772076	1.53458	1.53458	1.36829	41.8811	31.6084	1
cg20418818	TAS2R43;PRR4;PRH1	0.333972	0.0613018	0.640199	-1.65508	0.0932714	0.565553	-1.76818	0.860515	1.04293	1.04293	0.929811	0.976167	-1.02125	0.2923	0.943309	1.01714	1.01714	0.538358	0.861678	-1.16053	0.464679	1.19462	1.19462	0.380405	0.806534	-1.23987	0.627512	0.88972	-1.12395	1.37002	1.23906	0.803924	1
cg06380072	SLC25A10	0.333972	0.864643	1.07052	1.07052	0.417315	1.4243	1.4243	0.177733	1.5369	1.5369	0.641261	1.13756	1.13756	0.0417417	1.275106	1.44885		1.0239	1.50735	1.50735	0.0557152	1.99309	1.99309	0.0517252	1.12496	1.12496	0.950184	1.02702	1.02702	1.36848	1.29172	1.15444	0.98508

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1 vs.N)	p-value|105T 047 vs. N) vs. N)	Fold-Change(1	Ratio(105T vs. N)	p-value|111T 057 vs. N) vs. N)	Fold-Change(1	Ratio(111T vs. N)	p-value|112T 117 vs. N) vs. N)	Fold-Change(1	Ratio(112T 12T vs. N) vs. N)	p-value|121T 121T vs. N)	Fold-Change(1	Ratio(121T vs. N)	p-value|347T vs. N)	Ratio(347T vs. N)	p-value|353T 477 vs. N)	Fold-Change(1	Ratio(353T vs. N)	p-value|353T 537 vs. N)	Fold-Change(1	Ratio(353T vs. N)	p-value|527T 527T vs. N)	Fold-Change(1	Ratio(527T vs. N)	p-value|5 37T vs. N)	Fold-Change(5 vs. N)	Ratio(563T vs. N)	p-value|563T 63T vs. N)	Fold-Change(5 vs. N)	F(Error
cg00036299	GRIN2A;GRIN2A	0.334249	0.656184	1.249144	1.24914	1.0384469	1.23276	1.33276	0.0909047	0.468856	-2.44762	2.772004	1.155536	1.155536	1.0727121	0.840355	-1.18997	0.554398	1.34567	1.34567	1.871596	1.932831	-1.03832	0.4934533	1.41114	1.41114	0.5202117	1.398887	1.39827	5.34536	3.47005	1
cg26022684	NBPF1	0.334253	0.746002	1.145	1.145	0.0796078	2.27827	2.27827	0.493978	0.748336	-1.3363	0.0939742	0.45923	-2.17756	0.788282	0.893942	-1.11864	0.834795	0.916699	-1.09087	0.246026	1.663306	1.663306	0.517303	1.31512	1.31512	1.405122	3.7774	2.09076	1
cg13814496	ZBTB43;ZBTB43	0.334255	0.98797	1.00204	1.00204	0.126473	0.7999961	-1.25206	0.207068	0.835572	-1.19679	0.532154	1.08919	1.08919	0.2403338	1.18054	1.18054	0.983836	1.00274	1.00274	0.75602	1.04298	1.04298	0.413689	0.89331	-1.11943	0.1017112	1.27365	1.273565	1.36926	0.39529	0.2566133	1
cg16977596	DGKZ;DGKZ;DGKZ;DGKZ;DGKZ	0.334261	0.441825	0.515153	-1.81319	0.1100105	1.500238	1.500238	0.0832683	3.97284	3.97284	0.570568	1.510044	1.510044	0.355535	0.50471	-1.98134	0.518466	0.624403	-1.60153	0.5186516	0.6736709	-1.48454	0.672921	0.736775	-1.35727	0.3606406	0.508413	-1.96691	1.36924	11.2244	7.2807	1
cg12466153	MAPK8IP1;MAPKBP1	0.33427	0.871756	0.961428	1.04012	0.170114	1.427225	1.427225	0.0509274	1.71843	1.71843	0.477798	1.19211	1.19211	0.720946	0.916376	-1.09126	0.192237	1.39943	1.39943	0.679348	1.1065	1.1065	0.259073	0.75075	-1.332	0.705164	0.911603	-1.09697	1.36921	1.28554	0.834572	1
cg07421596	CFB;CFB	0.334271	0.0498304	0.242052	-4.13134	0.5496096	0.68126	-1.46787	0.197274	0.421347	-2.37334	0.375227	0.561531	-1.78085	0.6478943	0.268423	-3.72546	0.557682	0.686615	-1.45642	0.135473	0.3604827	-2.77042	0.184904	0.409991	-2.43908	0.5248095	0.6646404	-1.50466	1.36921	8.71939	5.6606	1
cg03273509	VAPA;VAPA	0.334276	0.984286	1.00368	1.00368	0.693333	0.9287	-1.07677	0.449549	0.86605	-1.15467	0.825778	1.042	1.042	0.238528	0.794213	-1.25911	0.685887	1.07884	1.07884	0.0300524	0.6211166	-1.61	0.680754	0.925694	-1.08027	0.1958112	1.29087	1.29087	1.3692	0.755348	0.4903575	1
cg03925237	SMAD5;SMAD6;SMAD6	0.334285	0.581228	0.643268	-1.46355	0.5547484	0.43475	0.43475	0.328496	1.99372	1.99372	0.824043	0.85878	-1.16444	0.0969226	0.287758	-3.47514	0.472274	0.606839	-1.64843	0.9060225	1.0839	1.0839	0.586199	0.630581	-1.58584	0.955086	0.962227	-1.03926	1.36917	10.1347	6.57962	1
cg05543520	UNG1	0.334301	0.0970531	0.255677	-3.91118	0.502996	0.6010178	-1.66368	0.688375	1.35245	1.35245	0.768557	0.801736	-1.24729	0.06653233	0.24209	-4.66834	0.281357	0.432379	-2.31278	0.1319381	0.2959963	-3.3788	0.141534	0.3061013	-3.26688	0.3009993	0.448183	-2.23123	1.3691	12.1601	7.89405	1
cg22014770	LIPB1 (LIPA2);LIPA2;LIPA3;LIPA1;LIPA2;LIPA3;LIPA1;LIPA2;LIPA3;LIPA1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg27481254	RBM12B	0.334854	0.760796	0.949064	-1.05601	0.706832	0.934791	-1.06976	0.596443	1.10007	1.10007	0.585718	0.906445	-1.10321	0.0490615	0.669659	-1.4933	0.527855	1.12092	1.12092	0.113085	1.35372	1.35372	0.310331	0.829154	-1.20505	0.51137	0.887792	-1.12623	1.36764	0.6899	0.4448395	1
cg26037504	RDH5	0.334865	0.143078	0.410635	-2.43525	0.494017	1.4811	1.4811	0.410485	1.6096	1.6096	0.843739	1.11807	1.11807	0.100152	0.361512	-2.76616	0.441334	1.641452	-1.55896	0.189935	0.456064	-2.19267	0.273723	1.90435	1.90435	0.956176	1.03157	1.03157	1.36761	0.92743	4.50253	1
cg01736784	DDX25;PUS3	0.334865	0.454091	1.28153	1.28153	0.304543	1.41323	1.41323	0.638879	1.1662	1.1662	0.502904	0.801589	-1.24752	0.139244	0.559319	-1.67808	0.828376	0.931814	-1.07317	0.394239	1.32824	1.32824	0.0686745	1.94035	1.94035	0.264385	1.45996	1.45996	1.36761	2.2919	1.48964	1
cg15977246	KIAA1409;KIAA1409;BTBD7;BTBD7	0.334866	0.838767	1.09202	1.09202	0.754117	0.873074	-1.14518	0.268175	0.607528	-1.64601	0.997244	0.998509	-1.00149	0.224596	0.576284	-1.73532	?	?	?	0.897878	1.05705	1.05705	0.150344	1.94079	1.94079	0.0786208	2.32574	2.32574	1.36581	3.58993	2.62843	1
cg20490197	GRM4	0.334874	0.467503	0.690433	-1.44837	0.648731	2.82596	2.82596	0.158474	2.12838	2.12838	0.858728	0.914595	-1.09338	0.650818	0.795872	-1.25648	0.338888	0.610213	-1.63877	0.436508	1.48847	1.48847	0.249456	0.5471	-1.82782	0.879419	0.926754	-1.07904	1.36759	0.543811	3.5346	1
cg06905499	MCF2L;MCF2L	0.334875	0.884424	0.908845	1.1003	0.534109	1.51253	1.51253	0.103778	2.32868	2.32868	0.88996	1.09523	1.09523	0.0382373	2.006348	-4.84618	0.646221	0.738074	-1.35488	0.638452	1.73272	-1.36478	0.449162	1.65097	1.65097	0.843026	1.04809	1.04809	1.36759	0.95286	6.07907	1
cg12656114	HIVEP2	0.334878	0.50516	0.63958	-1.56353	0.0386106	0.205269	-4.87165	0.0857276	0.284987	-3.50893	0.902083	1.08475	1.08475	0.381689	0.552654	-1.80945	0.149728	0.360302	-2.77545	0.486993	0.627004	-1.59489	0.373958	0.547046	-1.828	0.721621	1.26677	1.26677	1.36758	0.94257	6.15042	1
cg02689201	CD6S	0.334882	0.270948	0.867622	-1.15258	0.155581	1.20714	1.20714	0.387234	1.12725	1.12725	0.609888	1.07555	1.07555	0.418996	1.10274	1.10274	0.27934	0.86993	-1.14952	0.705443	0.995416	-1.00463	0.951897	1.29238	1.29238	0.591969	1.06933	1.06933	1.36757	0.3324656	0.216089	1
cg24746296	SULT1E1	0.334888	0.0672552	2.342299	1.45803	0.337732	2.01239	2.01239	0.668674	0.752025	-1.32974	0.385005	0.459587	-1.45598	0.0155004	0.313724	0.316706	-3.15751	0.101939	0.28174	-3.54938	0.740929	0.790747	-1.26463	0.983095	1.00906	0.10906	0.406403	0.548257	-1.82396	1.36755	0.18449	7.04902	1
cg04223420	PITX1	0.334901	0.885948	0.854567	-1.17018	0.787058	1.34514	1.34514	0.114605	6.5476	6.5476	0.777821	1.36311	1.36311	0.969444	0.958022	-1.04284	0.780169	0.736101	-1.35851	0.507365	0.478777	-2.08866	0.0213787	20.6581	20.6581	0.772894	1.37282	1.37282	1.36752	25.9712	16.8813	1
cg24294950	GRM8;GRM8;GRM8	0.334906	0.389778	0.778204	-1.28509	0.76564	1.36533	1.36533	0.118338	0.52125	1.92482	0.189628	0.646	1.54799	0.0670552	1.32019	0.0670552	2.070991	0.185162	2.39125	-5.40156	0.924816	0.94312	-1.06031	0.958551	0.799144	-2.55859	0.468242	0.632619	-1.58073	1.3675	0.83688	3.41905	1
cg16876823	TLE6;TLE6	0.334913	0.323136	0.704458	-1.41953	0.119451	1.25591	1.25591	0.138027	0.577267	-1.7323	0.589024	1.20591	1.20591	0.0207182	0.577978	-1.73017	0.171182	0.606436	-1.64898	0.310288	0.6974	-1.4339	0.252837	0.663654	-1.50681	0.533251	1.24188	1.24188	1.36748	2.55215	1.65804	1
cg08103568	DAPP1	0.334922	0.810571	1.14813	1.14813	0.299922	0.518222	-1.83798	0.0310365	0.233446	-4.30207	0.367939	0.586017	-1.70457	0.721197	0.813311	-1.22954	0.569966	0.718138	-1.39249	0.753842	1.19478	1.19478	0.279055	0.513978	-1.91058	0.0862411	0.335192	2.98337	1.36747	2.70214	4.68171	1
cg21535156	MICAL2	0.334924	0.0926011	1.50972	1.50972	0.172217	1.13583	1.13583	0.155853	1.66342	1.66342	0.353229	1.23689	1.23689	0.689795	1.0994	-1.0994	0.573263	1.13505	1.13505	0.971396	1.0307	1.0307	0.169037	1.38595	1.38595	0.140252	1.42355	1.42355	1.36745	1.07285	0.697385	1
cg06967828	CHST3	0.334926	0.926809	0.983459	-1.01682	0.427105	1.15859	1.15859	0.0550895	1.48411	1.48411	0.993219	0.998458	-1.00154	0.941513	1.01341	1.01341	0.843561	1.03652	1.03652	0.175423	0.760837	-1.29898	0.0941385	1.40133	1.40133	0.816293	0.958634	-1.04315	1.36745	0.7137731	0.46395	1
cg08823898	DIS;DIS;DIS	0.334927	0.193236	2.87363	2.87363	0.070249	1.02015	1.02015	0.808754	0.830053	-1.20441	0.182567	0.338073	-2.95794	0.0858351	0.233105	-4.28096	0.204397	2.79208	2.79208	0.501958	0.59307	-1.68614	0.705796	1.33745	1.33745	0.430392	0.599324	0.853948	1.36744	12.73	2.74596	1
cg16259317	LOC283050;LOC283050;LOC283050	0.334935	0.124267	0.753693	-1.3268	0.761929	0.949689	-1.05298	0.889163	0.976588	-1.02397	0.504129	0.891237	-1.12206	0.786608	1.04718	1.04718	0.0500544	0.68413	-1.46171	0.233182	1.23785	1.23785	0.554682	1.10685	1.10685	0.555022	1.10675	1.10675	1.36742	0.6250096	0.406341	1
cg18655594	SLC22A18;SLC22A18	0.334936	0.262764	0.559686	-1.78672	0.189179	0.500874	-1.99651	0.182513	0.494985	-2.02026	0.391672	1.54688	1.54688	0.0469909	0.32299	-3.09608	0.789947	0.875719	-1.14192	0.467748	0.693252	-1.44379	0.192601	0.503896	-1.98454	0.381183	0.639881	-1.56279	1.36742	0.55105	3.47843	1
cg10606490	C11orf58;C11orf58	0.33495	0.542888	0.84779	-1.17963	0.13464	1.49909	1.49909	0.0416852	0.530728	-1.88741	0.160434	1.84063	1.84063	0.772335	0.886855	-1.12528	0.334147	1.49975	1.49975	0.0959831	0.479789	-2.08425	0.901348	0.950794	-1.05175	0.870493	1.06864	1.06864	1.36738	3.58523	2.33063	1
cg03377767	MSGN1	0.334961	0.261394	0.571088	-1.75104	0.592003	0.77541	-1.28964	0.166939	0.494219	-2.02339	0.852771	0.914974	-1.09293	0.163335	0.368325	-2.71499	0.597667	0.775116	-1.29013	0.117033	0.442907	-2.25781	0.666541	1.23042	1.23042	0.0930684	0.413241	-2.41989	1.36735	4.9544	3.22075	1
cg02424227	DAK	0.334973	0.454537	1.35719	1.35719	0.429207	0.74145	-1.38171	0.729361	0.804594	-1.24311	0.728362	0.894724	-1.11794	0.908102	1.00475	1.00475	0.0621061	1.43087	1.43087	0.121717	0.852378	0.928036	-1.07754	0.318855	1.76736	1.76736	0.104599	0.491053	-2.03644	1.36732	3.48077	2.26284	1
cg27161683	MAP	0.334988	0.0865103	0.15041	-6.64849	0.492387	0.497792	-2.00887	0.656489	0.638998	-1.56495	0.158586	0.51469	-1.94369	0.208845	0.476882	-2.09645	0.183234	0.243464	-4.10739	0.681493	0.661746	-1.51115	0.884288	1.15684	1.15684	0.797928	1.29264	1.29264	1.36728	21.6751	14.0913	1
cg28440300	LOC93116	0.334997	0.156413	0.70384	-1.42113	0.148642	0.299922	0.518222	-1.83798	0.0310365	0.233446	-4.30207	0.367939	0.586017	-1.70457	0.721197	0.813311	-1.22954	0.569966	0.718138	-1.39249	0.753842	1.19478	1.19478	0.279055	0.513978	-1.91058	0.0862411	0.335192	2.98337	1.36247	7.30214	4.68171	1
cg17333973	KCNQ1;KCNQ1	0.335004	0.994415	1.00302	1.00302	0.564554	1.28478	1.28478	0.0984912	0.458577	-2.18068	0.80635	0.899714	-1.11146	0.220424	0.574446	1.74081	0.714781	1.17108	1.17108	0.406467	1.4411	1.4411	0.0673123	2.41617	2.41617	0.865519	1.0733	1.0733	1.36724	4.00901	2.6064	1
cg27078893	CLEC4E	0.335009	0.163543	0.573275	-1.48528	0.661424	0.919826	-1.08716	0.274732	0.806136	-1.24049	0.119254	0.725705	-1.37797	0.403668	0.850398	-1.17592	0.503011	0.870065	-1.13757	0.533776	1.12694	1.12694	0.115587	0.722973	-1.38318	0.170501	0.758211	-1.31889	1.36723	0.7786905	0.506261	1
cg01021483	MCM5	0.335012	0.422386	0.871952	-1.14685	0.354539	1.17263	1.17263	0.189913	0.787302	-1.25409	0.280707	0.832153	-1.2017	0.0659886	0.708315	-1.4118	0.854423	1.03185	-1.03185	0.312514	1.0086	1.0086	0.923458	1.0162	1.0162	0.422649	1.1476	1.1476	1.36722	0.6053311	0.393553	1
cg10657547	GM2A;GM2A	0.335013	0.122882	0.362475	-2.75881	0.88856	0.918403	-1.08885	0.273075	0.500327	-1.99869	0.161471	0.403422	-2.4788	0.104375	0.340352	-2.93813	?	?	?	0.753751	1.20662	1.20662	0.349514	1.79438	1.79438	0.424251	1.609302	-1.64122	1.36541	7.08469	5.1887	1
cg16746940	MAD11L1;MAD11L1;MAD11L1	0.335017	0.550533	0.87445	-1.14091	0.679095	1.84067	1.84067	0.271971	-1.18755	0.256081	3.90577	1.10975	1.10975	0.640935	1.1599	1.1599	0.0845474	1.51654	1.51654	0.0894531	1.49581	1.49581	0.0878044	0.648754	0.851381	1.17456	0.7052	1.0316	1.0316	1.36706	1.0316	0.6076096	1
cg18466461	SPI33A	0.335024	0.103135	2.20808	2.09808	0.960507	1.01784	1.01784	0.909684	0.955929	-1.0483	0.354917	1.48521	1.48521	0.0375115	0.402719	-2.48312	0.298784	1.5646	1.5646	0.68523	0.844191	-1.18457	0.606341	1.24116	1.24116	0.69476	1.17812	1.17812	1.36718	1.74074	2.43208	1
cg19487819	MAD11L1;MAD11L1;MAD11L1	0.335027	0.357379	0.60442	-1.65448	0.786664	1.15523	1.15523	0.500306	0.694940	-1.43895	0.462831	0.671977	-1.48815	0.0187077	0.219636	-4.55299	0.52883	0.712202	-1.4041	0.20608	0.491909	-2.0329	0.37346	0.615092	-1.62577	0.178778	0.46776	-2.13785	1.36718	0.126519	3.98328	1
cg05056768	KIAA1688	0.335028	0.865349	0.919606	-1.08735	0.649207	1.34541	1.34541	0.0847477	1.26391	1.26391	0.0521881	1.34549	1.34549	0.0270024	1.49441	0.0270024	2.61291	0.539817	0.706183	-1.41	0.72196	0.72196	0.0710945	0.894281	1.11796	1.11796	0.106576	0.483675	0.703822	-1.42081	0.54718	0.52708	0.42772	1
cg13654085	EF3	0.335035	0.118692	0.405924	-2.46352	0.107942	1.54391	1.54391	0.478824	1.46706	1.46706	0.358303	0.656469	0.638998	-1.56495	0.158586	0.51469	0.514469	0.208845	0.476882	-2.09645	0.183234	0.243464	-4.10739	0.681493	0.661746	-1.51115	0.884288	1.15684	1.15684	0.797928	1.29264	1.36728	21.6751	14.0913	1
cg04153489	ANK1;ANK1;ANK1;ANK1;ANK1	0.335039	0.842007	1.03104	1.03104	0.778185	0.592402	-1.68802	0.0253531	0.314686	-3.17796	0.0966557	0.727556	-1.37446	0.0266438	0.286153	-3.49511	0.844146	0.749419	-1.33437	0.0447	0.594732	0.594732	-1.68138	0.0304382	-1.24219	0.197076	0.196256	0.136255	1.36705	0.1342004	0.264453	1
cg17333973	KCNQ1;KCNQ1	0.335004	0.994415	1.00302	1.00302	0.564554	1.28478	1.28478	0.0984912	0.458577	-2.18068	0.80635	0.899714	-1.11146	0.220424	0.574446	1.74081	0.714781	1.17108	1.17108	0.406467	1.4411	1.4411	0.0673123	2.41617	2.41617	0.865519	1.0733	1.0733	1.36724	4.00901	2.6064	1
cg27078893	CLEC4E	0.335009	0.163543	0.573275	-1.48528	0.661424	0.919826	-1.08716	0.274732	0.806136	-1.24049	0.119254	0.725705	-1.37797	0.403668	0.850398	-1.17592	0.503011	0.870065	-1.13757	0.533776	1.12694	1.12694	0.115587	0.722973	-1.38318	0.170501	0.758211	-1.31889	1.36723	0.7786905	0.506261	1
cg01021483	MCM5	0.335012	0.422386	0.871952	-1.14685	0.354539	1.17263	1.17263	0.189913	0.787302	-1.25409	0.280707	0.832153	-1.2017	0.0659886	0.708315	-1.4118	0.854423	1.03185	-1.03185	0.312514	1.0086	1.0086	0.923458	1.0162	1.0162	0.422649	1.1476	1.1476	1.36722	0.6053311	0.393553	1
cg10657547	GM2A;GM2A	0.335013	0.122882	0.362475	-2.75881	0.88856	0.918403	-1.08885	0.273075	0.500327	-1.99869	0.161471	0.403422	-2.4788	0.104375	0.340352	-2.93813	?	?	?	0.753751	1.20662	1.20662	0.349514	1.79438	1.79438	0.424251	1.609302	-1.64122	1.36541	7.08469	5.1887	1
cg16746940	MAD11L1;MAD11L1;MAD11L1	0.335017	0.550533	0.87445	-1.14091	0.679095	1.84067	1.84067	0.271971	-1.18755	0.256081	3.90577	1.10975	1.10975	0.640935	1.1599	1.1599	0.0845474	1.51654	1.51654	0.0894531	1.49581	1.49581	0.0878044	0.648754	0.851381	1.17456	0.7052	1.0316	1.0316	1.36706	1.0316	0.6076096	1
cg18466461	SPI33A	0.335024	0.103135	2.20808	2.09808	0.960507	1.01784	1.01784	0.909684	0.955929	-1.0483	0.354917	1.48521	1.48521	0.0375115	0.402719	-2.48312	0.298784	1.5646	1.5646	0.68523	0.844191	-1.18457	0.606341	1.24116	1.24116	0.69476	1.17812	1.17812	1.36718	1.74074	2.43208	1
cg19487819	MAD11L1;MAD11L1;MAD11L1	0.335027	0.357379	0.60442	-1.65448	0.786664	1.15523	1.15523	0.500306	0.694940	-1.43895	0.462831	0.671977	-1.48815	0.0187077	0.219636	-4.55299	0.52883	0.712202	-1.4041	0.20608	0.491909	-2.0329	0.37346	0.615092	-1.62577	0.178778	0.46776	-2.13785	1.36718	0.126519	3.98328	1
cg05056768	KIAA1688	0.335028	0.865349	0.919606	-1.08735	0.649207	1.34541	1.34541	0.0847477	1.26391	1.26391	0.0521881	1.34549	1.34549	0.0270024	1.49441	0.0270024	2.61291	0.539817	0.706183	-1.41	0.72196	0.72196	0.0710945	0.894281	1.11796	1.11796	0.106576	0.483675	0.703822	-1.42081	0.54718	0.52708	0.42772	1
cg13654085	EF3	0.335035	0.118692	0.405924	-2.46352	0.107942	1.54391	1.54391	0.478824	1.46706	1.46706	0.358303	0.656469	0.638998	-1.56495	0.158586	0.51469	0.514469	0.208845	0.476882	-2.09645	0.183234	0.243464	-4.10739	0.681493	0.661746	-1.51115	0.884288	1.15684	1.15684	0.797928	1.29264	1.36728	21.6751	14.0913	1
cg04153489	ANK1;ANK1;ANK1;ANK1;ANK1	0.335039	0.842007	1.03104	1.03104	0.778185	0.592402	-1.68802	0.0253531	0.314686	-3.17796	0.0966557	0.727556	-1.37446	0.0266438	0.286153	-3.49511	0.844146	0.749419	-1.33437	0.0447	0.594732	0.594732	-1.68138	0.0304382	-1.24219	0.197076	0.196256	0.136255	1.36705	0.1342004	0.264453	1
cg19716713	MSL3;MSL3;MSL3;MSL3;MSL3	0.335045	0.257883	1.303805	-3.29159	0.833216	0.80833	-1.23712	0.769985	1.34428	1.34428	0.0961401	6.32027	6.32027	0.0775301	7.24224	7.24224	0.204879	0.259281	-3.85682	0.966918	0.959014	-1.04274	0.995578	1.00561	1.00561	0.96535	1.04481	1.04481	1.36713	22.0475	14.335	1
cg06834912	FOXP1	0.335045	0.0582297	0.57261	0.57261	0.394945	0.99372	-2.50803	0.7263	0.690117	-1.44903	0.949331	1.03696	1.03696	0.496888	0.482889	-2.07087	0.837959	0.80565	-1.24123	0.590752	0.563722	-1.77392	0.868184	0.58622	0.58622	0.657218	1.60213	1.60213	1.36711	24.1155	15.6797	1
cg25030929	GRID1	0.335055	0.0569313	0.16144	-6.19725	0.504048	0.903168	-1.10707	0.0479869	0.72001	-1.38901	0.152545	0.31492	-3.17496	0.0139503	0.211148	-4.73511	0.0482421	0.18501	-5.40577	0.0139502	0.30948	-3.23192	0.0204748	0.13163	-7.59612	0.0139503	0.30948	-3.23192	0.0204748	0.13163	-7.59612	0.0139503	1.36711	1.60609	1.07287	1
cg13775165	SYTL3	0.335061	0.0399814	0.612398	-1.63292	0.8489	1.04019	1.04019	0.133824	1.39654	1.39654	0.548378	1.13366	1.13366	0.602018	1.11481	1.11481	0.621663	1.10822	1.10822	0.360015	1.21457	1.21457	0.856059	0.963187	-1.03822	0.539964	0.879706	-1.13674	1.36709	0.923857	0.600698	1
cg18397537	SERPINA5	0.335063	0.0780355	0.57261	0.57261	0.556298	0.98453	1.84853	0.563681	1.18162	1.18162	0.511772	1.18168	1.18168	0.0992207	1.29298	-1.29298	0.154948	1.54289	1.54289	0.650968	1.88178	1.88178	0.228927	1.377	1.377	0.929353	0.970936	0.970936	1.36707	1.01637	0.7387	1
cg01508874	BCOR;BCOR	0.335065	0.821004	1.28004	1.28004	0.840807	0.886793	-1.12766	0.259798	0.495477	-2.01826	0.126758	0.372799	-2.68241	0.0537854	0.268447	-3.72513	0.203704	2.22873	2.22873	0.71962	0.80626	-1.24013	0.407047	0.486981	0.655791	1.52488	1.36707	0.726691	0.502413	1
cg13008339	PYGL;PYGL	0.335071	0.52554	0.740597	-1.35026	0.968479	1.01862	1.01862	0.8871281	0.4140231	-2.41533	0.953494	1.02709	1.02709	0.910772	0.949014	-1.05373	0.0355979	3.13274	3.13274	0.932267	1.04048	1.04048	0.876795	1.07511	1.07511	0.531686	0.743982	-1.34412	1.36706	4.7182	3.06787	1
cg08682756	FLOT1	0.335079	0.265921	0.561397	-1.78194	0.564564	0.765655	-1.30605	0.0776527	0.629727	-1.58801	0.0975735	0.169071	-2.91659	0.0164531	0.192759	-5.19059	0.162808	0.612613	-1.63235	0.364422	0.985315	1.01649	0.325518	1.71512	-1.3964	0.988868	0.992144	-1.00792	0.50704	1.0316	0.6076096	1.5239	1
cg21881093	MTUS2;MTUS2	0.335089	0.326671	0.887094	-1.12728	0.342552	0.89068	-1.12274	0.494687	0.921235	-1.0855	0.828731	1.02596	1.02596	0.710284	0.957202	-1.04471	0.530509	0.927583	-1.0787	0.077134	1.26177	1.26177	0.13632	1.20912	1.20912	0.342743	0.890791	-1.1226	1.36701	0.30305	0.197056	1
cg13683934	CDC14B;CDC14B;CDC14B	0.335127	0.891663	1.08147	1.08147	0.615234	0.906766	-1.10306	0.606767	1.08852	1.08852	0.864648	0.906988	1.03093	0.810406	0.930498	-1.07488	0.655603	0.748771	-1.33546	0.0995	0.644082	0.644082	-1.55244	0.0994288	-1.07094	0.0994288	0.644082	-1.55244	0.0994288	-1.07094	0.0994288	0.644082	-1.55244	0.0994288	1.36701	0.6637773	0.694

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg11321432	RPL10;RPL10;SNORA70	0.33544	0.40922	-2.326	0.1778	0.51082	-1.95764	0.832205	1.10466	1.10466	0.388311	0.609773	-1.63995	0.62605	0.378402	-2.64269	0.704616	1.19563	1.19563	0.484129	0.825404	-1.21153	0.74191	1.1677	1.1677	0.162337	0.496677	-2.01338	1.36607	4.76135	3.20817	1
cg23312013	MEST;MEST;MEST	0.335448	0.925242	1.01951	1.01951	0.245415	0.778723	-1.28415	0.116814	1.42013	1.42013	1.89199	0.746722	-1.33919	0.988056	0.996923	1.00309	0.89389	1.02785	1.02785	0.725515	1.51049	1.51049	0.73522	1.07237	1.07237	0.957606	1.011	1.011	1.36605	0.916809	0.596569	1
cg25109009	NQO1;NQO1;NQO1	0.335449	0.937359	0.981687	-1.01845	0.08993894	0.646901	-1.54583	0.819365	0.948196	-1.05463	0.137434	0.689328	-1.45069	0.927997	0.979201	-1.02124	0.677342	1.1022	1.1022	0.229918	0.746066	-1.34036	0.136734	1.4518	1.4518	0.590745	1.13456	1.13456	1.36604	1.17006	0.76136	1
cg07340599	CREB5	0.335455	0.306806	0.737309	-1.35628	0.498399	1.218915	1.218915	0.247518	0.705913	-1.41661	0.692056	1.1215	1.1215	0.102589	1.67282	1.67282	1.67282	0.707804	1.11451	1.11451	0.0757732	1.76703	1.76703	0.692265	1.12141	1.12141	0.625833	0.868015	1.15205	1.36603	1.79506	1.16806	1
cg05353710	SESN2	0.335457	0.643898	0.625704	-1.5982	0.325931	2.7778	2.7778	0.864791	1.18729	0.892226	1.14631	0.146703	0.0896803	-11.1507	0.774312	0.748572	-1.33588	0.754758	1.37113	1.37113	0.381397	0.38848	0.38848	0.183298	0.14611	0.14611	1.36602	21.951	14.2838	1
cg22394198	PIKCE	0.33547	0.0887095	0.223536	-4.47356	0.800888	0.817375	-1.22343	0.398478	0.501676	-1.99332	0.320564	0.445376	-2.2643	0.228057	0.373004	-2.68094	0.156447	0.298315	-3.35216	0.0818984	0.214855	-4.6543	0.378059	0.486098	-2.05593	0.0672281	0.194778	-5.13406	1.36599	13.7751	8.96391	1
cg25156485	MSN	0.335471	0.306014	0.644856	-1.55073	0.534834	0.770905	-1.29718	0.394078	0.696727	-1.43528	0.0511536	2.50768	2.50768	0.940114	0.969376	-1.03159	0.101317	0.47584	-2.10155	0.860783	1.07537	1.07537	0.777428	1.12447	1.12447	0.949239	1.02671	1.02671	1.36599	3.70724	2.41242	1
cg06498852	PHB	0.335472	0.0573522	1.64765	1.96502	0.132342	0.637944	-1.56754	0.566582	1.19634	1.19634	0.894519	0.107499	1.04199	0.107912	1.03719	0.107732	1.691601	1.69169	1.69169	0.0611	2.253311	1.44658	1.44658	0.196643	0.969255	-1.01372	0.965471	1.01349	1.01349	0.978621	1.008833	1.008833	1.36598	2.07176	1.34816	1
cg23205538	PARK2;PARK2;PARK2	0.335473	0.89372	0.975312	-1.02531	0.120229	0.729632	-1.37055	0.037094	0.63592	-1.57252	0.636996	0.91494	-1.09297	0.600159	1.10397	1.10397	0.340927	1.20146	1.20146	0.769904	0.646625	-1.47636	0.329154	1.14504	1.14504	0.696166	0.929236	-1.07615	0.56598	0.756654	0.492381	1
cg22826235	PTPN2;PTPN2;PTPN2	0.335476	0.00945	0.305962	-3.26838	0.106368	0.31461	-3.17854	0.349676	0.531871	-1.88016	0.535376	1.5093	1.5093	0.479237	0.623927	-1.60275	0.413024	1.73552	1.73552	0.204688	0.415741	-2.40534	0.315374	0.506194	-1.97553	0.214641	0.424549	-2.35544	1.36597	9.30473	6.60494	1
cg12467143	ARHGAP6;ARHGAP6;ARHGAP6;CASC4;CASC4;CASC4

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	FDR	f(Error)
cg02877873	QSER1	0.3361117	0.590451	1.47114	0.47114	1.384967	0.5310158	-1.88303	0.8444462	0.8697337	-1.14977	0.9310889	0.9428339	-1.02063	0.8878356	0.262186	-1.81409	0.246353	0.42258	-2.36642	0.0945253	1.69073	3.69073	0.4255343	1.78276	0.6499976	1.38348	1.38348	1.36425	10.9081	7.10724	1
cg15525782	MLL4	0.336121	0.2509	0.838375	-1.19278	0.5414416	0.913162	-1.0951	0.073202	0.745577	-1.34124	0.0987563	0.7664331	-1.30475	0.895466	1.01951	1.01951	0.719601	1.0544	1.0544	0.188903	1.220639	0.2269	0.949304	1.00939	1.00939	0.9016493	1.9820005	-1.01832	1.36424	0.4665564	0.3039996	1
cg21875946	RBKE	0.3361133	0.0546556	0.4058001	-2.46426	0.765907	0.883787	-1.13149	0.399638	0.699944	-1.42869	0.708465	1.16814	1.16814	0.0566808	0.409613	-2.44133	0.283957	0.630929	-1.58497	0.205842	0.575697	-1.73702	0.413863	0.707782	-1.41286	0.8509131	1.08095	1.08095	1.36421	3.6988	2.41005	1
cg25952510	AFAP1L2/AFAP1L2	0.336135	0.345265	1.99086	1.99086	0.713056	1.299982	1.29908	0.877423	0.864527	-1.11554	0.1122449	0.340403	0.340403	0.122174	3.2764	3.2764	0.726739	1.28215	1.28215	0.109622	3.44046	3.44046	0.109678	3.43967	3.43967	0.1109988	3.42122	3.42122	1.3642	10.8424	7.06472	1
cg07413635	LITAF;LITAF;LITAF;LITAF	0.33614	0.730225	1.13221	1.13221	0.074075	2.042727	2.04227	0.333195	0.699021	-1.43057	0.606622	1.20863	1.20863	0.573925	0.815623	-1.22606	0.673497	0.858968	-1.16419	0.136665	1.777444	1.77744	0.183689	0.6029021	-1.65859	0.8163087	1.08705	1.08705	1.36419	2.78026	1.81158	1
cg13094146	CDL12A1/CDL12A1	0.3361332	0.901132	1.07153	1.07153	0.56316	1.38395	1.38395	0.14353	0.417373	-2.39595	0.713893	1.22756	1.22756	0.822337	0.884247	-1.13317	0.480898	0.674732	-1.48207	0.0797567	0.3392383	-2.94739	0.111957	2.617947	2.617947	0.547583	0.712975	-1.40257	1.36418	0.607701	4.350868	1
cg20778451	ZNF454	0.3361343	0.152583	1.42466	1.42466	0.466113	1.18688	1.18688	0.0819152	1.56097	1.56097	0.284365	1.29292	1.29292	0.303878	1.27888	1.27888	0.656092	1.10909	1.10909	0.126245	0.6823927	-1.46543	0.6888802	1.09746	1.09746	0.4959244	1.17317	1.17317	1.36418	1.15294	0.751246	1
cg04902669	AIPL1;AIPL1;AIPL1	0.336147	0.868826	0.934436	-1.07026	0.4908232	1.56916	1.56916	0.9999321	1.00035	1.00035	0.964269	0.9817761	-1.01858	0.6473942	0.9297731	-1.2598	0.13887	1.92443	1.92443	0.3926887	0.6884387	-1.46216	0.4795444	0.704267	-1.3436	0.6093533	1.17674	1.17674	1.36417	3.64818	2.37714	1
cg21027822	ITGA6;ITGA6	0.336147	0.994739	0.998456	1.00155	0.154613	0.6695141	-1.49356	0.632607	1.11951	1.11951	0.435489	0.82987	-1.2051	0.0321509	1.52094	1.52094	0.469038	1.18846	1.18846	0.187535	1.38733	1.38733	0.69369	0.9113394	-1.09722	0.312064	1.32777	1.32777	1.36417	0.138695	0.3739414	1
cg01683373	LPP	0.3361356	0.323783	0.823971	-1.21363	0.0764142	1.45428	1.45428	0.472827	0.870464	-1.14881	0.791942	0.9510151	-1.05151	0.882421	0.972273	-1.02852	0.252342	0.796779	-1.25505	0.192724	1.29943	1.29943	0.416328	0.853992	-1.17097	0.3327111	0.82708	-1.20907	1.36415	0.7798897	0.508187	1
cg30134496	AKAP12;AKAP12	0.336156	0.82074	0.959467	-1.04253	0.0258707	1.502541	1.50241	0.5614	1.14331	1.14331	0.22221	1.13227	1.13227	0.43069	1.18139	1.18139	0.497727	1.15498	1.15498	0.14938	1.82694	1.82694	0.14223	1.42307	1.42307	0.1203839	1.00039	1.00039	0.953198	1.01141	1.01141	1.36414	0.807081	0.529904	1
cg06270737	NHSL1;NHSL1	0.3361361	0.107915	0.486457	-2.05568	0.390608	0.696722	-1.43529	0.3915	0.697219	-1.43427	0.143389	0.524167	-1.90779	0.0392818	0.375421	-2.66368	0.483105	0.746172	-1.34017	0.686347	0.846397	-1.18148	0.847758	1.08215	1.082115	0.150636	0.531088	-1.88293	1.36414	0.645827	2.3757	1
cg26951440	NXX2-1	0.336617	0.449126	0.686211	-1.45706	0.2155122	0.930282	-1.88328	0.8703288	0.928575	-1.07692	0.419681	0.668719	-1.49544	0.1279278	0.4497232	-2.22301	0.160208	0.480824	2.07976	0.025834	0.2744858	-3.63824	0.1509059	0.7382215	-1.3546	0.279985	0.5779427	-1.73026	1.36411	0.5458	3.35314	1
cg12503981	PPP1R16B	0.3361373	0.911727	1.09282	1.09282	0.217779	0.354247	-2.82289	0.1202277	3.85314	3.85314	0.7114221	0.742726	-1.34639	0.25264	2.60234	2.60234	0.0554659	5.68262	5.68262	0.559377	1.60401	1.60401	0.4424499	1.87156	1.87156	0.7539918	1.28622	1.28622	1.3641	13.8412	9.0193	1
cg06885652	ZFP62;ZFP62;ZFP62;ZFP62	0.336177	0.602733	0.802426	-1.21888	0.045674	0.521134	-3.11397	0.2991166	0.584926	-1.70962	0.757193	1.16656	1.16656	0.7861	0.8608805	-1.14968	0.385311	0.641738	-1.55827	0.0756403	0.379239	-2.67925	0.569047	1.3322	1.3322	0.22702	0.53148	-1.88154	1.36409	5.3659	3.4966	1
cg23821734	SLC23A2	0.3361382	0.248772	0.7485	-1.33596	-2.09572	0.0438317	2.040064	0.4556	0.0946967	2.52612	1.00012	0.7693827	0.8349511	-1.19788	0.347131	0.55182	-1.81212	0.709382	0.849381	-1.17953	0.1413005	0.7076632	0.849381	-1.17953	0.1413005	0.2126602	0.4703402	-2.12566	1.36404	1.1081	0.7577102	1
cg02474195	SNRK;SNRK	0.336194	0.165478	0.290739	-3.43951	0.3638	2.18013	2.18013	0.167127	3.4209	3.4209	0.765552	1.28369	1.28369	0.0665846	0.179451	-5.57255	0.7287	1.33749	1.33749	0.998675	0.9986514	-1.00139	0.753247	0.768463	-1.3013	0.392976	0.481528	-2.07672	1.36405	15.0666	9.81823	1
cg16349006	CEP76	0.336194	0.549966	0.839781	-1.19079	0.6729398	1.80741	1.80741	0.2935813	1.36957	1.36957	0.629235	1.35077	1.35077	0.4805123	1.22999	1.22999	0.178194	1.51128	1.51128	0.146186	0.6374344	-1.56879	0.920576	0.9971621	-1.00921	0.5976511	1.16922	1.16922	1.3641	1.80222	1.17312	1
cg13182412	H3F3B	0.3361396	0.115808	1.48647	1.48647	0.2887591	2.29096	1.29096	0.0551808	0.604037	-1.65553	0.687381	0.9104453	-1.09835	0.8587737	0.959527	-1.04218	0.864641	0.961205	-1.04036	0.7974407	1.06147	1.06147	0.4784021	1.18351	1.18351	0.8222602	-1.21566	1.36404	1.1081	0.7577102	1
cg00607154	POLS	0.336205	0.275267	1.95196	1.95196	0.14719	2.50075	2.50075	0.040009	4.04955	4.04955	0.253273	2.01996	2.01996	0.717888	1.23836	1.23836	0.831895	0.882269	-1.13344	0.384359	0.5912166	-1.69143	0.2885555	1.91404	1.91404	0.7449116	1.21212	1.21212	1.36402	7.50108	4.88823	1
cg02404377	NAV2;NAV2;NAV2;NAV2	0.336209	0.487038	1.30032	1.30032	0.0813568	2.1526	2.1526	0.464956	0.758388	1.31859	0.682885	0.8583411	-1.16504	0.450279	1.3596	1.3596	0.496282	0.773449	-1.29239	0.336453	1.446566	1.44656	0.6604664	2.16355	2.16355	0.1140011	0.554056	-1.80487	1.36401	2.987658	1.947	1
cg11598935	BMP7	0.336211	0.801817	1.15805	1.15805	0.80751	0.867255	-1.15306	0.3955514	0.601872	-1.66148	0.475372	1.5273	1.5273	0.699351	0.79738	-1.25411	0.5282	1.45188	1.45188	0.0631514	0.2954	-3.38524	0.193377	2.5298	2.5298	0.218999	0.470354	-2.12606	1.364	7.35419	4.79256	1
cg29538093	KIAA0182;KIAA0182	0.3361619	0.376758	1.21501	1.21501	0.307811	0.6545725	1.54175	1.54175	0.114533	1.74276	1.94756	0.6564398	1.51285	1.51285	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8570924	-1.16715	1.364	0.5458	3.35314	1
cg01457594	SENP8;MYO9A	0.336222	0.620634	-1.76163	-1.31296	0.912291	1.06198	1.06198	0.786303	0.862160	-1.15987	0.311366	1.77108	1.77108	0.0858428	0.354871	-2.81792	0.762119	1.1802	1.1802	0.977365	1.0156	1.0156	0.0452718	3.50229	3.50229	0.770367	1.1732	1.1732	1.3637	4.43377	4.19283	1
cg21661236	MGAT5B;MGAT5B	0.336225	0.111582	3.222004	-3.10363	0.694345	1.294448	1.29448	0.59401	0.701100	-1.40263	0.945497	0.9563303	-1.04569	0.8842062	0.2869368	-3.48471	0.294753	0.491563	-2.03433	0.0702137	0.2664405	-3.75369	0.347482	0.531422	-1.88174	0.196233	0.493987	-2.44268	1.36396	9.22652	6.01289	1
cg14781919	ITGA6;GSG2	0.3362246	0.6169202	0.3779464	-2.68623	0.4555554	1.747116	1.94756	0.564398	1.66671	1.66671	0.67843	0.6918403	-1.44433	0.63286	0.6557414	-1.52499	0.620327	1.5493	1.5493	0.6572073	0.6889461	-1.45149	0.6130704	1.52914	1.52914	0.8083134	1.23749	1.23749	1.3691	16.6068	10.823	1
cg24473518	FNIP2;C4orf45	0.336249	0.674394	0.801426	-1.24778	0.101667	2.155678	2.15678	0.0801368	2.76511	2.76511	0.356453	1.64359	1.64359	0.932199	0.956401	-1.04559	0.960959	1.02598	1.02598	0.105292	2.52728	2.52728	0.142325	2.28482	2.28482	0.8497792	1.1042	1.1042	1.3639	5.92849	3.86375	1
cg24455405	HS2ST1B	0.336249	0.649892	0.894436	-1.16979	0.6329358	1.40114	1.40114	0.2203581	1.53913	1.53913	0.5557924	1.24093	1.24093	0.2172207	1.32021	1.32021	0.306389	1.16445	1.16445	0.7536484	0.9502042	-1.05237	0.8857995	0.9809441	-1.00257	0.5114495	1.10047	1.10047	1.3639	0.440529	0.2910914	1
cg14012599	WAC;WAC	0.336267	0.867572	0.94372	-1.05964	0.4310732	2.26638	2.26638	0.0610908	2.08047	2.08047	0.903151	1.044	1.044	0.8388338	0.9297071	1.07562	0.467696	0.292339	1.29239	0.544145	1.2375	1.2375	0.4752124	1.79407	1.79407	0.1004357	0.900353	1.11068	1.36385	2.60238	1.6961	1
cg07971007	AATK	0.33627	0.401673	0.606563	-1.64863	0.0699107	0.307144	-3.2558	0.128786	0.384381	-2.60158	0.99917	0.999394	-1.00061	0.199034	0.453645	-2.20437	0.362011	0.579419	-1.72587	0.182197	0.4383744	-2.28116	0.432511	1.59449	1.59449	0.662285	1.29172	1.29172	1.36384	7.32794	4.776	1
cg00638914	GFAP;GFAP	0.3362727	0.393427	1.64094	1.64094	0.1637168	2.137	2.137	0.1215656	2.64094	2.64094	0.1248	1.72485	1.72485	0.775515	1.15814	1.15814	0.2748	2.02783	2.02783	0.1317464	0.347	-1.9707	0.1285324	0.4373494	-2.32684	0.956775	0.972798	-1.02796	1.36384	1.1081	0.7577102	1
cg05625889	MANIC1;MANIC1	0.336274	0.427424	0.594732	-1.68143	0.209405	0.33607	-2.33607	0.0287728	0.29432	-3.29432	0.858075	0.891547	-1.12165	0.837299	1.05966	1.05966	0.964077	0.2093	0.2093	0.622678	1.37448	1.37448	0.900544	0.922947	-1.08349	0.288599	0.493363	-2.02691	1.36383	1.88398	5.79021	1
cg23755182	PBPB	0.3362825	0.383264	1.15705	1.15705	0.0703383	0.6545725	1.54565	1.54565	0.114533	1.74276	1.94756	0.6564398	1.51285	1.51285	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8570924	-1.16715	1.364	0.5458	3.35314	1
cg26906025	KRTCAP2;TRIM46	0.336282	0.991515	1.00178	1.00178	0.330815	1.18247	1.18247	0.0178631	1.6175	1.6175	0.739488	1.05733	1.05733	0.542147	0.9020065	1.10857	0.569512	1.908448	1.10078	0.716282	0.9408855	-1.06286	0.544891	0.902711	-1.10777	0.913693	1.01827	1.01827	1.3681	1.6026848	0.392787	1
cg18308535	FKBP8	0.336283	0.368654	0.729916	-1.37002	0.223101	0.645097	-1.55015	0.105412	0.547077	-1.8279	0.880188	0.949873	-1.05277	0.32057	0.563231	-1.77547	0.202873	0.632328	-1.58146	0.044982	0.45637	-2.19121	0.848737	0.93697	-1.06727	0.308137	0.697909	-1.43285	1.36381	2.511101	1.6366	1
cg14888639	C20orf117;C20orf117	0.3362837	0.752327	1.09196	1.09196	0.2026956	1.52675	1.52475	0.11633	1.7964	1.7964	0.279868	1.24946	1.24946	0.8676339	-1.15255	0.404298	0.732	0.7202	-1.38886	0.1116078	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8570924	-1.16715	1.364	0.5458	3.35314	1
cg13863701	DMRT2;DMRT2;DMRT2	0.336299	0.210006	1.99979	1.99979	0.0961403	2.60788	2.60788	0.245307	1.89179	1.89179	0.571744	0.740981	-1.34956	0.111645	2.4817	2.4817	0.350929	0.604323	-1.65474	0.556086	1.36663	1.36663	0.220856	1.96438	1.96438	0.6882456	1.23564	1.23564	1.3637	5.94426	3.87441	1
cg04807407	MLL7;MLL7;MLL7;C9orf124;MLL7	0.336305	0.538582	1.17576	1.17576	0.4193127	0.76505	1.31319	0.6401743	0.829454	1.44946	0.0662227	0.20833	0.20833	0.0208431	4.79984	4.79984	0.1019452	1.98157	1.98157	0.6052665	0.2110351	4.73826	0.2110351	4.73826	0.2110351	4.73826	0.2110351	4.73826	1.3637	1.16312	0.5458	3.35314	1
cg01143204	PES1	0.336311	0.70757	0.91794	-1.0894	0.398349	0.821621	-1.21711	0.13848	1.43676	1.43676	0.674824	1.10062	1.10062	0.84804	0.957343	-1.04456	0.53013	0.86545	-1.15547	0.0598283	0.61723	-1.62014	0.241597	1.32115	1.32115	0.575292	1.13726	1.13726	1.3633	1.11506	0.726805	1
cg01594958	LRRFIP2;LRRFIP2;LRRFIP2	0.336313	0.377914	0.499152	-2.0034	0.0239383	0.126291	-7.91823	0.214032	0.366122	-2.73133	0.940504	0.911941	-1.09656	0.319178	0.453542	-2.20487	0.323102	0.456639	-2.18991	0.157139	0.312847	-3.19645	0.807416	1.20631	1.20631	0.9945855	0.9948201	-1.00523	1.36373	12.7403	8.30424	1
cg06537579	AIFM1	0.336314	0.454141	1.37006	1.37006	0.2609555	0.76505	1.31319	0.6401743	0.829454	1.44946	0.0662227	0.20833	0.20833	0.0208431	4.79984	4.79984	0.1019452	1.98157	1.98157	0.6052665	0.2110351	4.73826	0.2110351	4.73826	0.2110351	4.73826	0.2110351	4.73826	1.3633	1.16312	0.5458	3.35314	1
cg01538084	RNF220	0.336324	0.271367	1.97029	1.97029	0.433304	1.6057	1.6057	0.464755	0.646243	-1.54741	0.287871	1.92231	1.92231	0.231153	2.1041	2.1041	0.638467	1.3235	1.3235	0.63182	0.753157	-1.331	0.0272485	0.69089	0.69089	0.568494	1.40687	1.40687	1.3637	7.57606	4.93824	1
cg25960479	GRM5;GRM5	0.336326	0.487082	1.25011	1.25011	0.4508283	0.6545725	1.54175	1.54175	0.114533	1.74276	1.94756	0.6564398	1.51285	1.51285	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8570924	-1.16715	1.364	0.5458	3.35314	1
cg26596419	IFT140;TMEM204	0.336327	0.37168	1.60846	1.60846	0.187872	2.06088	2.06088	0.0543668	3.22644	-3.09939	0.859928	0.912537	-1.09585	0.171941	0.47073	-2.12436	0.893602	0.93301	-1.0718	0.521795	1.39995	1.39995	0.685956	1.23447	1.23447	0.730819	0.8361446	-1.19596	1.36369	5.79905	3.77997	1
cg24834709	ZNF17	0.336347	0.178886	0.544589	-1.83626	0.269355	0.612911	-1.63156	0.489478	0.744734	-1.34423	0.118405	0.486046	-2.05742	0.891624	0.9436363	-1.05973	0.930319	1.03792	1.03792	0.437511	1.40081	1.40081	0.463456	0.727898	-1.37382	0.110372	2.09512	2.09512	1.3636	3.91153	2.54974	1
cg04977922	UHRF1	0.336425	0.36414	1.38481	1.38481	0.52082	0.82552	-1.32042	0.0937109	2.26638	2.26638	0.0610908	2.08047	2.08047	0.903151	1.044	1.044	0.838338	0.9297071	1.07562	0.467696	0.292339	1.29239	0.544145	1.2375	1.2375	0.4752124	1.79407	1.79407	1.3636	0.659191	0.429698	1
cg16097380	LOC100303728;SLC25A5	0.336352	0.0525267	0.064914	-15.405	0.472829	0.40422	-2.4739	0.597327	0.516171	-1.93734	0.235374	4.67754	4.67754	0.641197	0.558651	-1.79003	0.085158	0.0911602	-10.9697	0.880237	0.8294515	-1.20567	0.668736	1.7057	1.7057	0.935562	1.10551	1.10551	1.3633	33.2356	21.6649	1
cg16522416	GRIK1;GRIK1	0.336362	0.358854	1.33026	1.33026	0.3168	0.6545725	1.54175	1.54175	0.114533	1.74276	1.94756	0.6564398	1.51285	1.51285	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8676839	-1.15255	0.404298	0.73202	-1.36626	0.1116078	0.8570924	-1.16715	1.364	0.5458	3.35314	1
cg09276565	POU3F2	0.336368	0.582306	0.917796	-1.08957	0.617757	1.08079	1.08079	0.0984384	1.32294	1.32294	0.451414	0.879374	-1.13717	0.389322	0.872643	-1.14594	0.991595	0.998375	-1.00163	0.0642303	1.37866	1.37866	0.995037	1.00096	1.00096	0.378407	0.869746	-1.14976	1.36358	0.514981	0.335705	1
cg25749318	C6orf120;WDR27	0.33637	0.30807	1.77412	-1.39038	0.0859192	1.88763	1.88763	0.342762	0.151073	1.63711	1.63711	0.319196	0.752878	-1.32824	0.973729	1.00184	0.32034	1.17819	1.17819	0.196498	0.7406569	-1.35013	0.815705	0.933447	-1.0713	0.914076	0.966846	-1.03429	1.36358	2.21595	1.37379	1
cg00583618	MAGIX;MAGIX;MAGIX;MAGIX	0.336371	0.167605	0.4774753	0.4774753	0.0924558	0.610562	-1.63662	0.1016	0.9316	1.07351	0.919316	0.918925	1.08816	0.247163	0.71445	-1.39945	0.258482	0.0225199	-44.4052	0.752179	1.73801	1.73801	0.5176569	1.2422121	1.2422121	0.8053265	1.25797	1.25797	1.3991	65.9778	36.6778	1
cg23342777	SEMA6A	0.336372	0.252474	1.95797	1.95797	0.754492	0.836459	-1.19552	0.271615	0.52556	-1.90273	0.5657	1.38594	1.38594	0.522752	1.43921	1.43921	0.383618	1.65231	1.65231	0.30331	0.2207	2.72509	0.0904282	2.85397	2.85397	0.18551	2.20155	2.20155	1.3635	6.82344	4.44808	1
cg00673202	C12orf49;RNFT2;RNFT2	0.336375	0.147921	1.44703	1.44703	0.144711	1.42524	1.42524	0.1529629	1.64502	1.64502	0.776904	1.07001	1.07001	0.6202284	1.14557	1.14557	0.2108	1.36895	1.36895	0.156029	1.636536	1.636536	0.2324124	1.34712	1.34712	0.1630154	1.78852	1.78852	1.3634	0.7078452	0.4756052	1
cg25304860	C14orf166;RPL23AP82;RABL2B;RABL2B;RABL2B;RA	0.33638	0.151677	0.781126	-1.2802	0.116193	3.31594	3.31594	0.0644444	1.39665	1.39665	0.547444	1.10285	1.10285	0.808845	0.961774	-1.03975	0.990672	0.998122	-1.00188	0.319614	1.17986	1.17986	0.567095	1.0975	1.0975	0.871581	1.02636	1.02636	1.3635	0.558507	0.364087	1

Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	FDR	f(Error)
cg00027360	B2	0.3363688	0.980173	0.994887	-1.00514	0.234336	1.29327	1.29327	0.507965	1.14861	1.14861	0.401008	1.19403	1.19403	0.478302	1.16033	1.16033	0.375489	0.96817	-1.03288	0.0574389	0.6419912	-1.55784	0.1518879	0.728557	-1.37258	0.738836	1.07146	1.07146	1.36353	0.919007	0.559104	1
cg04866162	HSPB1	0.3363689	0.569567	1.11362	1.11362	0.5639	1.171198	1.17119	0.2112	1.31369	1.31369	0.890192	1.12335	1.12335	0.6804026	1.08767	1.08767	0.2994	1.11832	1.11832	0.4542735	1.50535	1.50535	0.1539977	1.13085	1.13085	0.1382653	0.753752	0.493722	1.3635	1.13085	0.8153	1
cg10182321	STK32B	0.336394	0.847658	1.0301	1.0301	0.87843	1.023388	1.02388	0.861236	1.02734	1.02734	0.633731	1.07682	1.07682	0.545432	1.09894	1.09894	0.63173	1.0773	1.0773	0.0142889	0.627602	-1.59337	0.500083	0.8998835	-1.11132	0.888364	0.978576	-1.02189	1.36351	0.513393	0.334687	1
cg25804541	SLC43A3;SLC16A3;SLC16A3	0.336397	0.342138	1.21943	1.21943	0.2870473	1.34744	1.34744	0.1882808	1.28702	1.28702	0.588508	1.28702	1.28702	0.5176513	1.51344	1.51344	0.616834	1.17819	1.17819	0.3796498	1.2258	1.2258	0.3654	1.24602	1.24602	0.1202072	0.021935	0.021935	1.3635	0.2259113	0.1559113	1
cg20584546	SFXN5	0.336397	0.133351	0.570424	-1.75308	0.332338	1.41443	1.41443	0.482082	1.28109	1.28109	0.311087	0.695344	-1.43814	0.219428	0.639072	-1.56477	0.206027	0.629721	1.588	0.28333	0.6794554	-1.47177	0.309693	1.43975	1.43975	0.562949	0.816468	-1.22479	1.3635	2.59575	1.69221	1
cg21581594	CTDSP2;MIR26A2	0.336402	0.816425	0.844734	-1.1838	0.116686	1.44469	1.44469	0.0339994	0.62851	-1.60285	0.298851	1.28438	1.28438	0.61569	0.692641	-1.44375	0.478625	0.592935	-1.68653	0.826006	1.17223	1.17223	0.552313	1.54534	1.54534	0.852859	0.873959	-1.14422	1.36349	11.3697	7.41216	1
cg08910205	FEC;FEC;FEC;C6orf201;FEC1	0.336408	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105 057 vs. N)	Fold-Change(105 057 vs. N)	Ratio(111T vs. N)	p-value(111T 117 vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T 63T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07327255	PARK2;PARK2;PARK2	0.3366802	0.716718	1.27447	1.27447	1.04769624	4.51343	4.51343	0.155214	2.72182	2.72182	0.529399	0.654387	-1.52815	0.205532	0.411113	-2.42342	0.770253	1.21519	1.21519	0.293288	1.23862	1.23862	0.748243	1.23902	1.23902	0.835074	1.14884	1.14884	1.38271	9.56027	6.2361	1
cg15229773	PATE2	0.3366698	0.638253	0.906506	-1.10314	0.412289	0.840503	-1.18976	0.0855497	0.674395	-1.48281	0.634855	1.10425	1.10425	0.160191	1.36482	1.36482	0.485313	0.863317	-1.15832	0.125639	1.40094	1.40094	0.934942	1.01707	1.01707	0.759374	1.06575	1.06575	1.3627	0.927293	0.604874	1
cg03091589	MIR5188;PPP1R10	0.3366699	0.908981	0.982726	-1.01758	0.525773	0.906685	-1.10292	0.398135	0.876502	-1.1409	0.137803	1.2757	1.2757	0.251934	1.20004	1.20004	0.221421	1.21633	1.21633	0.145607	0.788144	-1.2688	0.722133	1.05591	1.05591	0.272251	1.1902	1.1902	1.3627	0.50105	0.329836	1
cg18380783	DSC83	0.3366699	0.146616	0.430297	-2.32398	0.84465	0.899342	-1.11205	0.29521	1.79957	1.79957	0.285608	0.58467	-1.81259	0.0627403	0.321868	-3.10667	0.114358	0.194743	-2.5331	0.653928	0.783298	-1.27665	0.901174	0.934971	-1.06955	0.945108	1.03797	1.03797	1.3627	0.32242	0.412413	1
cg19543367	ONECUT3	0.3366701	0.410755	1.12761	1.12761	0.840715	1.02915	1.02915	0.0543722	1.36573	1.36573	0.154924	1.24278	1.24278	0.670763	1.06296	1.06296	0.485074	1.1061	1.1061	0.325007	0.864924	-1.15617	0.641939	1.06915	1.06915	0.0903802	1.3053	1.3053	1.3629	0.439981	0.287002	1
cg18888814	CLYBL	0.3366734	0.299404	0.433842	-2.30639	0.636987	1.44643	1.44643	0.82331	1.18964	1.18964	0.507214	0.930871	-1.68614	0.18637	0.336978	-2.96755	0.362299	0.483332	-2.06897	0.0288998	0.135297	-7.39116	0.162237	0.313916	-3.18556	0.509812	0.595023	-1.68061	1.3626	1.31611	0.848771	1
cg04424885	NUP93	0.3366734	0.803125	0.849488	-1.17718	0.239362	0.447269	-2.23579	0.49701	0.63743	-1.5688	0.812549	1.16781	1.16781	0.112183	0.323214	-3.09392	0.67787	0.761268	-1.3136	0.0400036	0.212249	-4.71144	0.327801	1.93405	1.93405	0.457625	0.610221	-1.63875	1.3626	9.20262	6.0033	1
cg22036540	EPB81	0.3366736	0.667666	1.24912	1.24912	0.79613	0.875167	-1.14264	0.650375	0.790586	-1.26488	0.584418	0.719698	-1.38947	0.0303301	0.269515	-3.71037	0.868948	0.918476	-1.08876	0.559918	1.35468	1.35468	0.279658	1.78388	1.78388	0.255574	1.8427	1.8427	1.3626	5.72336	3.73963	1
cg14342838	EPB41L1	0.3366743	0.303785	0.742836	-1.34619	0.0388235	1.94975	1.94975	0.316285	0.748879	-1.33533	0.925601	0.974267	-1.02641	0.226336	0.701483	-1.42555	0.848235	0.94793	-1.05493	0.310751	0.746221	-1.34009	0.977652	0.992212	-1.00785	0.874851	0.956961	1.04498	1.36258	1.68121	1.09675	1
cg04741821	TMX4	0.3366747	0.432985	0.803998	-1.24378	0.682455	1.11868	1.11868	0.181613	1.47199	1.47199	0.145399	0.652946	-1.53152	0.666594	1.12544	1.12544	0.0471142	1.85789	1.85789	0.975768	1.00832	1.00832	0.973643	0.9910353	-1.00905	0.763684	1.08568	1.08568	1.36257	1.60416	1.0465	1
cg16309729	PMVK	0.3366757	0.0879795	0.708161	-1.41237	0.140866	1.28888	1.28888	0.531133	1.12329	1.12329	0.144003	0.855393	-1.16947	0.718844	0.915991	-1.0685	0.189997	0.775388	-1.28968	0.183045	1.179	1.179	0.881652	0.970367	-1.02768	0.411452	1.16639	1.16639	1.36254	0.724811	0.472849	1
cg01759756	C11orf80	0.3366758	0.12106	0.348143	-2.87238	0.777525	0.837115	-1.19458	0.315952	0.521649	-1.917	0.489799	0.643825	-1.55322	0.0894271	0.308698	-3.23941	0.719069	0.797148	-1.25447	0.144204	0.375576	-2.67683	0.191428	2.38236	2.38236	0.956213	0.966124	-1.03506	1.36254	8.50115	5.54596	1
cg19384032	DUSP4	0.3366759	0.75267	1.09085	1.09085	0.240789	1.12961	1.12961	0.131094	1.33	1.33	0.91498	0.989417	-1.01077	0.76551	1.05371	1.05371	0.842641	1.03538	1.03538	0.126176	0.748702	-1.33565	0.240402	0.81208	-1.23141	0.174479	1.28743	1.28743	1.36254	0.660193	0.439096	1
cg11957130	ATXN7L1;ATXN7L1	0.3366761	0.972589	1.07139	1.07139	0.240944	11.9514	11.9514	0.0233792	0.370381	-2.69992	0.947471	1.1436	1.1436	0.958486	1.01011	1.01011	0.0320885	1.00570454	-175.299	0.470593	4.3788	4.3788	0.321562	0.126778	-7.88782	0.488509	4.11874	4.11874	1.39798	87.2837	48.5008	1
cg12173286	SHSA7	0.3366763	0.269738	0.257735	-3.87995	0.101784	0.102866	-8.27363	0.242905	0.236218	-4.23339	0.176972	0.183966	-5.43579	0.309206	0.288949	-3.46082	0.379672	0.345362	-2.89551	0.0941887	0.114092	-8.76488	0.550146	0.490059	-2.04057	0.0518906	0.0773683	-13.5928	1.36252	30.0323	19.5926	1
cg08536841	ZUMO1	0.3366764	0.394001	0.765583	-1.30619	0.230603	0.696233	-1.4363	0.615526	1.14927	1.14927	0.881246	1.00722	1.00722	0.499325	0.810707	-1.23349	0.408604	0.772105	-1.29516	0.0222797	0.432541	-2.31192	0.372973	0.755876	-1.32297	0.153868	0.630139	-1.58695	1.36252	2.20458	1.31826	1
cg17931352	TRAPPC9;TRAPPC9	0.3366772	0.251146	0.815124	-1.22681	0.139857	0.762275	-1.31104	0.732495	1.06024	1.06024	0.405019	1.15633	1.15633	0.265879	0.820651	-1.21854	0.254277	1.22501	1.22501	0.212287	1.25105	1.25105	0.30419	0.834085	-1.19892	0.888851	1.0242	1.0242	1.3625	0.627215	0.409192	1
cg20387198	SPTY2D1	0.3366779	0.758018	1.08934	1.08934	0.0551219	1.74273	1.74273	0.812019	0.941076	-1.06263	0.814562	0.941866	-1.06172	0.28175	1.32933	1.32933	0.137033	0.664783	-1.50425	0.260129	0.741343	-1.34908	0.646736	0.889026	-1.12483	0.91604	0.979477	-1.02125	1.36248	1.40217	0.914728	1
cg22520372	NPY5R	0.3366784	0.619971	1.12102	1.12102	0.589368	0.882908	-1.13262	0.641505	0.899419	-1.11183	0.692201	0.913038	-1.09519	0.875425	1.0365	1.0365	0.183304	0.72445	-1.38075	0.442485	1.19598	1.19598	0.147176	0.700822	-1.4269	0.0351188	0.571122	-1.75094	1.36247	1.71205	0.735274	1
cg11653466	C8orf86	0.3367088	0.313462	0.600117	-1.66634	0.0909778	0.401741	-2.48916	0.359318	0.630249	-1.58668	0.626549	1.27148	1.27148	0.099106	0.412484	-2.42434	0.662572	0.806493	-1.23994	0.168868	0.48772	-2.05036	0.112081	0.428517	-2.33163	0.76257	1.15998	1.15998	1.36246	5.17667	3.37734	1
cg01050010	MYO1D	0.3367091	0.800137	0.861279	-1.22038	0.0676578	0.546	-1.82957	0.329148	0.449418	-2.26221	0.85171	0.953251	-1.04904	0.184758	0.538894	-1.8555	0.11036	0.252703	-3.95726	0.361475	0.476536	-2.09925	0.996035	0.960545	-1.00312	0.753846	0.779829	-1.28233	1.36245	13.4858	8.79841	1
cg11757040	DPF3	0.3367093	0.486296	0.539107	-1.85492	0.868171	0.864947	-1.15614	0.357067	2.28706	2.28706	0.23595	2.95862	2.95862	0.855723	0.853029	-1.17229	0.233178	0.335617	-2.97959	0.788132	0.79037	-1.26523	0.0358858	0.843105	0.843105	0.786507	1.26758	1.26758	1.36244	16.46	10.7389	1
cg26462656	BACE1;BACE1;BACE1;BACE1	0.3367795	0.357062	0.804204	-1.24337	0.217801	0.626	-1.59744	0.0818858	0.47692	2.0972	?	?	?	?	?	?	0.534666	1.08203	1.08203	0.0800088	0.0	-1.19475	0.0840263	1.23908	1.23908	0.170564	1.3656	1.3656	1.36244	0.960692	0.837	1
cg21336235	CXCL3;CXCL3	0.3367797	0.243836	1.12094	1.12094	0.946172	0.993698	-1.00634	0.53743	0.943211	-1.06021	0.131472	1.16469	1.16469	0.594064	1.05165	1.05165	0.53666	1.06033	1.06033	0.0462179	0.807483	-1.23842	0.996299	1.00043	1.00043	0.976944	1.00271	1.00271	1.36243	0.18915	0.123407	1
cg11335133	LRRC8D;LRRC8D	0.3368082	0.197987	0.25974	-3.85001	0.148111	0.214991	-4.65137	0.104446	0.172302	-5.80376	0.252069	0.282961	-3.53406	0.204358	0.265257	-3.76993	0.155345	0.221689	-4.51082	0.0624984	0.12529	-7.98148	0.249545	0.303512	-3.29476	0.387762	0.415994	-2.40388	1.36242	21.1819	13.8198	1
cg00083958	GPR133	0.3368087	0.0798733	0.691611	-1.4459	0.470207	0.865895	-1.14956	0.435079	0.895945	-1.16287	0.119228	0.725573	-1.37822	0.256648	0.78981	-1.26596	0.519287	0.888201	-1.1257	0.953185	0.988923	-1.0112	0.388207	0.772544	-1.29443	0.0459397	0.647318	-1.54507	1.36241	2.76705	0.505753	1
cg00311799	CTSF	0.3368516	0.222367	0.627768	-1.59295	0.813434	0.917749	-1.08962	0.0642778	0.47011	-2.12716	0.726319	0.880219	-1.13608	0.314125	0.685267	-1.45929	0.0872304	0.503807	-1.98489	0.129246	0.551483	-1.81329	0.575544	1.22799	1.22799	0.935819	1.02967	1.02967	1.36238	2.8441	1.85564	1
cg08989214	ZCCHC14	0.3368637	0.78808	1.07946	1.07946	0.0781	0.931746	1.03126	1.03126	1.03737	0.226866	0.949479	1.42503	1.42503	0.204449	0.756186	-1.32278	0.125472	0.629446	-1.5887	0.306245	0.514759	-1.94027	0.554004	1.23389	1.23389	0.311319	0.0913113	0.59504	-1.68056	1.36238	1.68154	1.09712	1
cg07039149	INF2;INF2	0.3368618	0.816681	1.11217	1.11217	0.20811	0.544533	-1.8361	0.583233	0.775929	-1.28878	0.931015	0.961134	-1.04044	0.918027	0.953959	-1.04826	0.175058	0.516677	-1.93545	0.0391084	0.298375	0.798375	1.16546	1.16546	0.152612	0.744923	-1.34242	1.36238	1.52305	2.95108	1
cg00260937	KCP	0.3368682	0.968888	1.02159	1.02159	0.869763	1.09401	1.09401	0.339176	1.71504	1.71504	0.58812	1.34905	1.34905	0.22221	0.495369	-2.0187	0.318491	0.568614	-1.75866	0.106667	0.381154	-2.62361	0.184675	0.462836	-2.16059	0.225811	2.00666	2.00666	1.36237	6.46926	4.22091	1
cg12975295	C6orf64	0.3368827	0.405222	0.7993	-1.25103	0.0936528	0.546	-1.82957	0.0729519	0.448943	-2.22621	0.85171	0.953251	-1.04904	0.184758	0.538894	-1.8555	0.14779	0.543037	-1.84049	0.110142	0.500323	-1.99816	0.274679	0.638755	-1.56555	0.342629	0.680047	-1.47049	1.36235	3.55997	2.18965	1
cg00922200	SEMA3A	0.3368837	0.107209	0.182125	-5.49075	0.141729	0.216474	-6.61948	0.920931	1.00215	1.00215	0.546611	0.553828	-1.80561	0.468047	0.157478	-6.35011	0.299641	0.353058	-2.8324	0.143101	0.217783	-4.59174	0.115071	0.190222	-5.25701	0.303699	0.356366	-2.80611	1.36234	20.2414	13.2069	1
cg34537231	SNX4	0.3368863	0.0299024	0.466144	-2.14488	0.0133594	0.904003	-1.10608	0.0834889	0.81284	-1.23024	0.0232824	0.550329	-1.8606	0.0615182	0.330259	-3.02703	0.663802	0.713813	-1.40201	0.0301151	0.688891	-1.12495	0.161902	0.774505	1.29129	0.0154564	1.3656	1.3656	1.36233	0.960642	0.837	1
cg13880379	DLC1	0.3368848	0.913293	1.08869	1.08869	0.627134	0.682571	-1.46505	0.774408	0.799169	-1.2513	0.78687	0.809434	-1.23543	0.0481471	0.171714	-5.82362	0.628782	0.683838	-1.46233	0.264792	2.4761	2.4761	0.331052	2.18671	2.18671	0.120629	0.268947	-3.71821	1.3623	13.1309	8.56783	1
cg23120345	LOC285456	0.3368848	0.120383	0.656357	-1.52356	0.524793	0.851228	-1.17477	0.829922	1.02523	1.02523	0.845625	0.952448	-1.04993	0.890411	0.966132	-1.03506	0.159435	0.686751	-1.45613	0.329816	1.28575	1.28575	0.181095	0.701262	-1.426	0.0739766	0.60792	-1.64495	1.3623	1.34773	0.879382	1
cg07155640	LIPA;LIPA	0.3368865	0.523282	0.940412	-1.06343	0.237801	0.91266	-1.09566	0.0612358	0.862536	1.16055	0.944521	1.94323	1.94323	0.791222	1.0738	1.0738	0.564473	0.893272	-1.1198	0.102155	0.61872	-1.61624	0.830292	0.944024	-1.0593	0.661256	0.888397	-1.12562	1.3622	1.70567	1.01402	1
cg16690753	PDE6D;PDE6G	0.3368854	0.243193	1.84858	1.84858	0.695157	0.822521	-1.21577	0.0751864	0.369049	-2.70967	0.238601	1.8608	1.8608	0.256644	0.55118	-1.81429	0.860523	0.915316	-1.09252	0.363309	1.60009	1.60009	0.384413	1.56627	1.56627	0.631532	1.2752	1.2752	1.36228	5.46147	3.56361	1
cg17940889	RELL2;RELL2;RELL2;HDAC3;RELL2	0.3368864	0.0798733	0.691611	-1.4459	0.470207	0.865895	-1.14956	0.435079	0.895945	-1.16287	0.119228	0.725573	-1.37822	0.256648	0.78981	-1.26596	0.519287	0.888201	-1.1257	0.953185	0.988923	-1.0112	0.388207	0.772544	-1.29443	0.0459397	0.647318	-1.54507	1.3622	2.76705	0.505753	1
cg21395110	KIAA1147	0.3368875	0.751131	0.829131	-1.20608	0.0415289	0.99139	1.99139	0.161978	2.72616	2.72616	0.248527	2.03475	2.03475	0.617517	0.743612	-1.34479	0.862294	0.90281	-1.10765	0.896197	1.1079	1.0799	0.246201	2.04254	2.04254	0.318387	1.83552	1.83552	1.36228	7.48273	4.88248	1
cg23025195	SAAL1	0.3368861	0.404682	0.775503	-1.28949	0.936459	0.976505	-1.02406	0.692572	1.1258	1.1258	0.819828	0.934233	-1.0704	0.0163638	0.416822	-2.3991	0.903099	1.03699	1.03699	0.426131	1.27408	1.27408	0.961082	1.01466	1.01466	0.543446	1.20129	1.20129	1.36226	1.91844	1.2518	1
cg16249454	CCL2	0.3368867	0.78808	1.07946	1.07946	0.0781	0.931746	1.03126	1.03126	1.03737	0.226866	0.949479	1.42503	1.42503	0.204449	0.756186	-1.32278	0.125472	0.629446	-1.5887	0.306245	0.514759	-1.94027	0.554004	1.23389	1.23389	0.311319	0.0913113	0.59504	-1.68056	1.36224	1.68154	1.09712	1
cg00938130	STMN2	0.3368868	0.153874	0.645938	-1.54834	0.440807	0.798487	-1.25237	0.700227	0.895161	-1.11712	0.19842	1.47564	1.47564	0.142592	0.636877	-1.57016	0.862294	0.90281	-1.10765	0.896197	1.1079	1.0799	0.246201	2.04254	2.04254	0.318387	1.83552	1.83552	1.36228	7.48273	4.88248	1
cg00825872	NPHP4	0.3368904	0.839004	1.08466	1.08466	0.0533	1.1665	1.1665	0.18242	1.34659	1.34659	0.694111	0.78156	1.78156	0.0127966	0.314468	-3.18054	0.603008	0.784334	-1.2886	0.183213	0.9599	0.9599	0.875509	0.98148	-1.01933	0.815759	0.460811	-2.17034	1.3622	0.776705	0.570253	1
cg15805921	PPP2R5D;PPP2R5D;PPP2R5D	0.3368889	0.939191	0.956663	-1.0453	0.809557	1.1505	1.1505	0.558537	0.709253	-1.40993	0.435155	1.58782	1.58782	0.597175	0.733675	1.363	?	?	?	0.24647	2.02138	2.02138	0.0350902	0.240356	-4.16049	0.529157	1.44803	1.44803	1.36226	6.4572	4.74703	1
cg07225291	HLA-H	0.3369137	0.918657	1.06164	1.06164	0.0573742	1.40967	1.40967	0.0487	0.831819	-1.17396	0.0290382	0.409474	-2.44735	0.0193184	0.477228	-2.09576	0.775405	0.905512	-1.10435	0.26268	0.778007	1.29767	0.679914	0.49391	-1.13696	0.890911	0.931885	-1.07309	1.3622	1.68154	1.09712	1
cg20778569	PURA	0.3369364	0.446328	0.74382	-1.34702	0.252362	0.623015	-1.60524	0.233155	0.58224	-1.71756	0.0862048	0.689058	-1.45126	0.247281	0.404252	-2.47211	0.350018	0.691312	-1.44652	0.0823387	0.645117	1.55012	0.350018	0.691312	-1.44652	0.0823387	0.645117	1.55012	1.3621	3.1771	2.07326	1
cg26793227	EPHA2	0.3369408	0.300422	0.706652	-1.41512	0.184077	0.633845	-1.57767	0.0701558	0.5194	-1.9253	0.276145	0.693119	-1.44275	0.471552	0.789012	-1.26741	0.767821	0.908649	-1.10054	0.748877	1.1052	1.1052	0.979487	0.991715	-1.00835	0.0449012	0.474814	-2.10609	1.3624	2.2588	1.47402	1
cg19985595	FLJ45940	0.3369511	0.514007	1.13867	1.13867	0.0436666	2.20208	2.20208	0.0351284	1.18107	1.18107	0.826535	0.910184	-1.09852	0.678181	0.528023	1.24053	0.14779	0.543037	-1.84049	0.110142	0.500323	-1.99816	0.274679	0.638755	-1.56555	0.342629	0.680047	-1.47049	1.3625	3.55997	2.18965	1
cg02068232	TLL2	0.3369513	0.656684	1.16699	1.16699	0.561899	0.816735	-1.22439	0.26227	1.49705	1.49705	0.42076	0.752823	-1.33283	0.265584	0.670003	1.49253	0.484638	1.27781	1.27781	0.0518248	2.14652	2.14652	0.279196	1.47457	1.47457	0.448638	1.30545	1.30545	1.36212	2.57061	1.67752	1
cg05596827	FER1L6	0.3369592	0.360376	0.640292	-1.56079	0.507063	0.901558	-1.10968	0.421156	0.734486	-1.36178	0.276785	0.80633	-1.24006	0.0756488	0.376482	-2.65617	0.557424	1.17418	1.17418	0.0531629	1.93854	1.93854	0.882115	0.954277	-1.04572	0.411752	1.28271	1.28271	1.36211	1.99331	1.27996	1
cg05713474	SS18L1;PSMA7	0.3369624	0.452112	0.74887	-1.33552	0.0682996	1.14737	1.14737	0.270139	1.22642	1.22642	0.349928	1.18652	1.18652	0.404246	1.16181	1.16181	0.920598	1.01651	1.01651	0.0342763	0.727635	-1.37432	0.589123	0.99758	-1.00243	0.385418	1.17136	1.17136	1.36209	0.0481566	0.0444783	1
cg02500880	AIF3	0.3369692	0.820086	1.22958	1.22958	0.56696	1.71482	1.71482	0.237649	3.07189	3.07189	0.527009	0.550505	-1.7887	0.821154	0.814305	-1.22804	0.0648201	0.15238	-6.56258	0.487827	0.527577	-1.89546	0.174328	0.70979	0.70979	0.304947	2.62163	2.62163	1.3620	17.7556	11.5873	1
cg06872176	GPR177;GPR177	0.3369693	0.650574	1.16024	1.16024	0.538128	1.33108	1.33108	0.565878	0.91881	-1.089	0.32538	1.23699	1.23699	0.685179	0.810391	-1.23393	0.188001	0.516065	-1.93935	0.0238343	0.588103	-1.70038	0.748607	1.13935	1.13935	0.0556402	1.05662	1.05662	0.516914	1.14754	1.14754	0.615752	1
cg02672229	ABCC2	0.3369933	0.540642	1.4556	1.4556	0.655453	0.761703	-1.31285	0.803522	1.1631	1.1631	0.800349	1.16601	1.16601	0.0139223	0.154533	-6.47109	0.715632	1.801114	-1.24826	0.8131	0.866276	-1.15437	0.524337	0.676341	-1.47854	0.424608	0.610043	-1.63923	1.3620	7.92455	5.17157	1
cg07970734	DIDO1;DIDO1;DIDO1;DIDO1	0.3369933	0.732154	1.05064	1.05064	0.310152	1.16299	1.16299	0.043747	1.37962	1.37962	0.107628	0.775563	-1.28939	0.426468	1.12384	1.12384	0.796886	1.03778	1.03778	0.0113783	0.984183	-1.01607	0.456722	1.11514	1.11514	0.37952	1.13839	1.13839	1.36207	0.449954	0.291031	1
cg13967977	ASC;NFASC	0.3369957	0.275731	1.28284	1.28284	0.0970339	0.670256	-1.49197	0.619819	1.11612	1.11612	0.68545	1.09357	1.09357	0.156917	0.71708	-1.39454	0.11466	1.45774	1.45774	0.793889	0.944106	-1.0592	0.877554	0.966698	-1.03445	0.892988	0.970866	-1.03001	1.3620	1.04093	0.679345	1
cg12402183	IGF1R	0.3369963	0.315317	1.63045	1.63045	0.75139	2.42254	2.42254	0.0132	1.21512	1.21512	0.565054	1.75894	1.75894	0.650528	0.624232	-1.60209	0.490905	0.513611	1.947	0.141386	0.215344	-4.64373	0.353886	0.396098	-2.52463	0.195411	0.2646	-3.77928	0.563199	20.3345	13.2711	1
cg02459604	ZNF568;ZNF568;ZNF821	0.3369978	0.713547	1.06485	1.06485	0.365705	1.17162	1.17162	0.907149	0.980311	-1.02008	0.140311	0.763097	-1.31045	0.967538	0.993088	-1.00696	0.761286	0.949398	-1.0533	0.145879	0.766374	-1.30485	0.811481	1.04156	1.04156	0.0662516	1.42063	1.42063	1.36195	0.626506	0.408895	1
cg06723694	SOX8	0.3369982	0.745698	1.08355	1.08355	0.513444	1.42546	1.42546	0.0777335	0.937	-1.06715	0.473795	0.748598	-1.33608	0.658062	0.59165	-1.69051	0.377184	0.845617	-1.18283	0.0225891	0.525957	-1.90127	0.538984	1.17249	1.17249	0.0847373	1.14019	1.14019	1.36195	1.23375	0.902653	1
cg03431903	NCRNA00176;NCRNA00176	0.3369984	0.321802	1.52283	1.52282	0.191965	1.76391	1.76391	0.298822	0.642441	-1.55656	0.95688	0.978028	-1.02247	0.992541	1.00385	1.00385	0.229249	1.67935	1.67935	0.27856	1.58874	1.58874	0.0418598	2.62141	2.62141	0.640456	1.21323	1.21323	1.36193	3.64173	2.37684	1
cg16423499	MARCH1;MARCH1 AP2B2;AP2B2;AP2B2;AP2B2	0.3369987	0.687166	1.20501	1.20501	0.415597	0.681606	-1.46712	0.793042	0.885925	-1.12876	0.872371	0.67087	1.67087	0.161472	0.50218	-1.99132	0.716562	0.845389	-1.18289	0.076371	0.244944	0.080595	2.44167	0.244167	0.634653	0.802105	-1.24672	1.36193	4.57714	2.98736	1
cg01322290	B2;APBB2	0.3369988	0.321461	1.45582	1.45582	0.0936028	0.508591	-1.96622	0.10837	0.526133	-1.90066	0.635792	1.39115	1.39115	0.26144	0.650904	-1.53633	0.874713	0.943787	-1.05956	0.561615	1.24009	1.24009	0.888093	1.05298	1.05298	0.208778	0.615519	-1.62551	1.36192	2.80976	1.89259	1
cg13613230	MMP9	0.3369992	0.232334	1.54847	1.54847	0.0997	1.7438	1.7438	0.177124	1.40555	1.40555	0.168808	0.69421	-1.44042	0.0154884	0.512004	-1.9499	0.380074	0.402881	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(S vs. N)	Fold-Change(S vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg12208770	TMEM88B	0.337327	0.634478	1.20246	1.20246	1.07711444	0.17286	2.17286	0.06808537	2.19592	2.19592	1.2069651	0.155658	1.550578	0.550074	1.26209	1.26209	1.2609	0.244088	1.0858	1.59858	0.147574	1.8187	1.8187	0.127169	1.88704	1.88704	0.242342	1.60162	1.60162	1.36102	3.19406	2.08606	1
cg13761440	MPPED2	0.337328	0.387686	0.815905	-1.22563	0.105771	1.50083	1.50083	0.204092	0.735146	-1.36027	0.548228	1.14983	1.14983	0.084742	0.644973	1.55045	0.42132	0.827976	-1.20776	0.95253	0.986413	-1.01377	0.422483	0.828384	-1.20717	0.820115	0.949006	-1.05373	1.36102	1.13825	0.743398	1
cg08580602	6-Mar	0.337331	0.758779	0.864425	-1.15684	0.106132	2.30414	2.30414	0.108302	2.29021	2.29021	0.253903	1.75689	1.75689	0.600523	0.778867	-1.28392	0.841575	0.909683	-1.09928	0.39102	1.51544	1.51544	0.0739264	2.56542	2.56542	0.468393	1.41713	1.41713	1.36101	4.82244	3.14959	1
cg04081992	ZNF142;BCS1L;BCS1L;ZNF142	0.337334	0.777663	1.04349	1.04349	0.73124	1.0528	1.0528	0.766363	0.956174	-1.04583	0.23492	0.829245	-1.20592	0.6547	1.07005	1.07005	1.07005	0.060582	0.726857	-1.37579	0.622351	1.07752	1.07752	0.184801	1.23557	1.23557	0.22651	1.21044	1.21044	1.361	0.487571	0.31844	1
cg03067774	NSMCE2	0.337342	0.743316	0.758138	-1.31902	0.122439	0.244031	-1.09783	0.34409	2.27327	2.27327	0.26237	0.373538	2.6771	0.319798	0.420511	-2.37806	0.570329	1.60765	1.60765	0.628155	0.662823	-1.5087	0.525974	1.71854	1.71854	0.0656753	1.375426	-1.70041	1.36098	15.3047	9.99587	1
cg22352186	TMEM129;TMEM129;TACC3	0.337343	0.741559	0.96551	-1.03572	0.526034	1.07052	1.07052	0.04585814	1.27475	1.27475	0.825504	0.976854	-1.12369	0.881891	1.01585	1.01585	1.01589	0.905235	0.987448	-1.01271	0.0619171	0.800148	-1.24977	0.868029	0.982517	-1.01779	0.80148	0.973634	-1.02708	1.36098	0.242449	0.15835	1
cg01697719	TBX1;TBX1;TBX1	0.33735	0.182999	16.5847	16.5847	0.181469	16.7687	16.7687	0.4403215	5.47526	5.47526	0.1902666	15.7543	15.7543	0.10063	35.6777	35.6777	0.996505	0.991331	-1.00875	0.857386	0.699398	-1.4298	0.0812921	46.5745	46.5745	0.1444499	22.5448	22.5448	1.36096	85.1556	55.618	1
cg08754490	OVOL1;OVOL1	0.337353	0.422335	1.69722	1.69722	0.806427	0.963288	-1.15645	0.483702	0.636485	-1.57113	0.263225	2.11903	2.11903	0.219041	0.439033	-2.32217	0.333222	0.525901	-1.90151	0.836419	0.875365	-1.14238	0.116724	2.99016	2.99016	0.153782	2.67297	2.67297	1.36095	8.93501	5.8358	1
cg18853775	SYDE1	0.337356	0.12202	0.765865	1.30579	0.183876	1.18963	1.18963	0.8175566	0.955143	-1.04696	0.8763878	0.676017	-1.47925	0.357966	0.830725	-1.20377	0.107888	0.705796	-1.41684	0.708309	0.928074	-1.0775	0.877898	1.03101	1.03101	0.576541	1.11857	1.11857	1.36094	0.850234	0.555323	1
cg00743056	RAD18	0.337365	0.609612	0.881509	-1.13442	0.699739	1.09956	1.09956	0.139003	1.47696	1.47696	0.227049	1.36422	1.36422	0.376062	0.800543	-1.24915	0.164307	0.695312	-1.4382	0.330978	1.27845	1.27845	0.954342	1.01412	1.01412	0.162441	1.44084	1.44084	1.36092	1.29266	0.844305	1
cg12535694	CCDC86	0.337366	0.415477	1.89046	1.89046	0.127794	1.18134	1.18134	0.2583818	0.465965	0.901304	1.1095	2.254697	2.254697	1.18124	1.55705	1.55705	1.44426	0.890522	1.17513	-1.30325	0.107571	0.791999	-1.27892	0.470154	0.902217	-1.10838	0.376789	0.880712	-1.11544	1.36092	0.422792	0.276149	1
cg25059165	SLC39A7;HSD17B8;SLC39A7	0.337383	0.31324	0.69888	-1.43086	0.114536	0.83182	1.20183	0.125467	1.76755	1.76755	0.977986	0.990567	-1.00952	0.118122	0.558321	-1.79109	0.879202	0.949101	-1.05363	0.462172	0.289135	0.632608	1.57991	1.17991	1.17991	0.735397	1.12357	1.12357	1.36087	2.54297	1.66101	1
cg22650043	GABRA5;GABRA5	0.337384	0.842966	0.949413	-1.05328	0.729273	0.995211	-1.11706	0.9837841	1.15841	1.55841	0.620926	1.27031	1.27031	0.741445	1.19314	1.19314	1.19314	0.027895	2.78318	2.78318	0.195055	1.75596	1.75596	0.156116	1.67094	1.67094	0.544326	0.785244	-1.27349	1.36087	3.34543	2.18516	1
cg09312897	MLA-DQB1	0.337384	0.360759	0.380816	-2.62594	0.774932	0.744842	-1.34257	0.2026644	0.251042	-3.9834	0.1439313	0.199217	-5.01964	0.122776	0.57458	0.57458	0.57458	0.338322	0.362683	-2.75723	0.2858866	0.320179	-3.12333	0.636928	0.613515	-1.62995	0.158413	0.212392	-4.70827	1.36087	22.758	14.8651	1
cg16022553	UBE2K;UBE2K;UBE2K	0.337388	0.812774	0.920125	-1.08681	0.595825	1.20661	1.20661	0.741674	1.12306	1.12306	0.251731	1.57681	1.57681	0.053087	0.410873	-2.43384	0.320358	0.607499	-1.43369	0.935736	1.0287	1.0287	1.0287	0.93132	1.35538	1.35538	0.964348	1.01581	1.01581	1.36086	2.6531	1.73296	1
cg00579036	CMAH;CMAH	0.337389	0.257343	0.416375	-2.40168	0.0314377	0.154183	-2.4858	0.04809265	0.167748	-5.96051	0.0478808	0.159379	-5.97193	0.0576531	0.24002	-4.16723	0.325549	0.471392	-2.12138	0.495781	0.599062	-1.66928	0.380079	0.513212	-1.94851	0.443968	0.560908	-1.78282	0.360585	1.81297	7.72703	4.25972	1
cg00257789	TTC15	0.337399	0.92463	0.870673	-1.14854	0.953372	1.08935	1.08935	0.832121	1.36436	1.36436	0.0788777	0.057503	-17.3904	0.482118	2.84513	2.84513	0.189055	0.76628	1.76628	0.133231	0.0934203	-10.7043	0.421023	3.33041	3.33041	0.396756	2.56103	3.56103	1.36083	46.1663	30.1558	1
cg21992171	GGT7	0.337411	0.283228	0.97716	-1.02321	0.204059	1.35399	1.35399	0.210844	1.34727	1.34727	0.158786	0.711379	-1.40572	0.382745	0.816783	-1.22432	0.864907	1.03925	1.03925	0.260729	0.7700314	-1.29868	0.413382	1.20812	1.20812	0.508992	1.16355	1.16355	1.36079	1.10179	0.579665	1
cg04023369	FAT4	0.337413	0.390661	0.854097	-1.17084	0.218739	1.26106	1.26106	0.02478407	1.59379	1.59379	0.837037	0.961521	-1.04002	0.547923	1.11519	1.11519	1.11519	0.956775	1.00977	1.00977	0.908886	1.02074	-1.04276	0.945357	0.840272	-1.19037	0.568112	1.109	1.109	1.36079	0.692952	0.452645	1
cg26270038	MYH6	0.337413	0.295928	0.794583	-1.25852	0.189459	0.744615	-1.34298	0.0777721	0.659773	-1.51567	0.319111	0.803771	-1.24414	0.77991	1.06123	1.06123	1.06123	0.523613	1.14698	1.14698	0.181081	1.35155	1.35155	0.977184	1.00609	1.00609	0.418251	0.839049	-1.19183	1.36079	0.970055	0.633655	1
cg06012509	KLC4;KLC4;KLC4;MRPL2;KLC4	0.337414	0.327153	0.86262	-1.15928	0.149955	1.16393	1.16393	0.76455	1.04552	1.04552	0.118966	0.780966	-1.28047	0.581777	0.921994	-1.08466	0.106381	0.772005	-1.29582	0.113984	0.781282	-1.27995	0.28741	1.28076	-1.17512	0.876999	1.02237	-1.02237	1.36079	0.459991	0.300473	1
cg13911393	GRB7;GRB7	0.337416	0.39267	1.65108	1.65108	0.0815719	3.02027	3.02027	0.91374	1.06401	1.06401	0.962566	1.00991	1.00991	0.935765	0.983299	-1.01698	0.974931	0.982167	-1.01816	0.657134	0.77429	-1.29151	0.739241	1.2108	1.2108	0.0245062	6.63801	4.63801	1.36078	7.06677	4.61615	1
cg22389964	PARS2	0.337422	0.305804	0.842786	1.18578	0.376461	1.1497	1.1497	0.2422	0.683453	-1.17713	0.215984	0.603447	-1.65715	7	7	7	7	0.068046	1.2085	1.2085	0.104658	2.05458	2.05458	0.0950486	1.03642	1.03642	0.967004	1.75004	1.75004	1.36077	1.98646	1.46247	1
cg21178568	FBP1;FBP1	0.337426	0.138367	0.323559	-3.00063	0.781465	1.21736	1.21736	0.216154	0.398297	-2.51069	0.348018	0.504921	-1.98051	0.02476	0.151006	-6.62227	0.511495	0.624412	-1.60151	0.243772	0.422088	-2.36918	0.369248	0.520903	-1.91974	0.521554	0.631616	-1.58324	1.36076	10.7801	7.04192	1
cg06790044	KIAA1462	0.337432	0.236412	1.69585	1.69585	0.902078	0.95012	-1.00501	0.764877	1.03679	1.03679	0.230358	0.853916	-1.16366	0.96922	0.999431	-1.00057	0.448288	0.98755	1.09755	0.516841	0.923888	-1.08238	0.648375	0.757801	-1.31961	0.142664	1.209	1.209	1.36062	3.12649	0.204252	1
cg00351552	AMZ1	0.337481	0.106617	3.13438	3.13438	0.279981	2.07144	2.07144	0.745233	0.80944	-1.23542	0.642366	0.738413	-1.35426	0.787266	1.19172	1.19172	1.19172	0.414757	1.71698	1.71698	0.0334725	5.00789	5.00789	0.286315	2.05031	2.05031	0.946249	0.957223	-1.04469	1.0661	9.06052	5.91927	1
cg16042651	ARHGEF10	0.337488	0.305653	1.32007	1.32007	0.471564	1.27144	1.27144	0.222356	1.38355	1.38355	0.858792	1.10073	1.10073	0.642377	1.15966	1.15966	1.15966	0.75174	1.13381	1.13381	0.396917	1.50474	1.50474	0.546846	1.27312	1.27312	0.570919	0.797073	-1.25459	1.36059	1.70143	1.14868	0.81917	0.61658	1
cg27851752	PDIK1L;PDIK1L	0.337435	0.964119	1.00543	1.00543	0.968085	0.995012	-1.00501	0.764877	1.03679	1.03679	0.230358	0.853916	-1.16366	0.96922	0.999431	-1.00057	0.448288	0.98755	1.09755	0.516841	0.923888	-1.08238	0.648375	0.757801	-1.31961	0.142664	1.209	1.209	1.36062	3.12649	0.204252	1
cg06951552	AMZ1	0.337481	0.106617	3.13438	3.13438	0.279981	2.07144	2.07144	0.745233	0.80944	-1.23542	0.642366	0.738413	-1.35426	0.787266	1.19172	1.19172	1.19172	0.414757	1.71698	1.71698	0.0334725	5.00789	5.00789	0.286315	2.05031	2.05031	0.946249	0.957223	-1.04469	1.0661	9.06052	5.91927	1
cg16042651	ARHGEF10	0.337488	0.305653	1.32007	1.32007	0.471564	1.27144	1.27144	0.222356	1.38355	1.38355	0.858792	1.10073	1.10073	0.642377	1.15966	1.15966	1.15966	0.75174	1.13381	1.13381	0.396917	1.50474	1.50474	0.546846	1.27312	1.27312	0.570919	0.797073	-1.25459	1.36059	1.70143	1.14868	0.81917	0.61658	1
cg27851752	PDIK1L;PDIK1L	0.337435	0.964119	1.00543	1.00543	0.968085	0.995012	-1.00501	0.764877	1.03679	1.03679	0.230358	0.853916	-1.16366	0.96922	0.999431	-1.00057	0.448288	0.98755	1.09755	0.516841	0.923888	-1.08238	0.648375	0.757801	-1.31961	0.142664	1.209	1.209	1.36062	3.12649	0.204252	1
cg06951552	AMZ1	0.337481	0.106617	3.13438	3.13438	0.279981	2.07144	2.07144	0.745233	0.80944	-1.23542	0.642366	0.738413	-1.35426	0.787266	1.19172	1.19172	1.19172	0.414757	1.71698	1.71698	0.0334725	5.00789	5.00789	0.286315	2.05031	2.05031	0.946249	0.957223	-1.04469	1.0661	9.06052	5.91927	1
cg16042651	ARHGEF10	0.337488	0.305653	1.32007	1.32007	0.471564	1.27144	1.27144	0.222356	1.38355	1.38355	0.858792	1.10073	1.10073	0.642377	1.15966	1.15966	1.15966	0.75174	1.13381	1.13381	0.396917	1.50474	1.50474	0.546846	1.27312	1.27312	0.570919	0.797073	-1.25459	1.36059	1.70143	1.14868	0.81917	0.61658	1
cg27851752	PDIK1L;PDIK1L	0.337435	0.964119	1.00543	1.00543	0.968085	0.995012	-1.00501	0.764877	1.03679	1.03679	0.230358	0.853916	-1.16366	0.96922	0.999431	-1.00057	0.448288	0.98755	1.09755	0.516841	0.923888	-1.08238	0.648375	0.757801	-1.31961	0.142664	1.209	1.209	1.36062	3.12649	0.204252	1
cg18800710	GLRX2;GLRX2	0.337436	0.336193	0.768296	1.30128	0.403217	0.94586	-1.05846	0.181183	1.26705	1.26705	0.744099	0.914284	-1.09355	0.115873	0.483195	-2.06956	0.764958	0.914591	-1.09351	0.341622	0.814242	-1.22833	0.199092	1.00301	1.00301	0.968184	1.03453	1.03453	1.36061	0.0470053	0.0345613	1
cg18353826	OLFM2	0.3375	0.54482	0.851722	-1.17409	0.628697	1.1361	1.1361	0.974489	0.991661	-1.00841	0.576907	0.863698	-1.15781	0.0367927	0.529827	-1.88741	0.501572	1.19556	1.19556	0.090528	0.613611	-1.6297	0.375406	0.788019	-1.269	0.358059	0.780748	-1.28082	1.36056	1.47773	0.96544	1
cg16042651	ARHGEF10	0.337488	0.305653	1.32007	1.32007	0.471564	1.27144	1.27144	0.222356	1.38355	1.38355	0.858792	1.10073	1.10073	0.642377	1.15966	1.15966	1.15966	0.75174	1.13381	1.13381	0.396917	1.50474	1.50474	0.546846	1.27312	1.27312	0.570919	0.797073	-1.25459	1.36059	1.70143	1.14868	0.81917	0.61658	1
cg27851752	PDIK1L;PDIK1L	0.337435	0.964119	1.00543	1.00543	0.968085	0.995012	-1.00501	0.764877	1.03679	1.03679	0.230358	0.853916	-1.16366	0.96922	0.999431	-1.00057	0.448288	0.98755	1.09755	0.516841	0.923888	-1.08238	0.648375	0.757801	-1.31961	0.142664	1.209	1.209	1.36062	3.12649	0.204252	1
cg27851752	PDIK1L;PDIK1L	0.337435	0.964119	1.00543	1.00543	0.968085	0.995012	-1.00501	0.764877	1.03679	1.03679	0.230358	0.853916	-1.16366	0.96922	0.999431	-1.00057	0.448288	0.98755	1.09755	0.516841	0.923888	-1.08238	0.648375	0.757801	-1.31961	0.142664	1.209	1.209	1.36062	3.12649	0.204252	1
cg09515552	ANK1	0.337481	0.106617	3.13438	3.13438	0.279981	2.07144	2.07144	0.745233	0.80944	-1.23542	0.642366	0.738413	-1.35426	0.787266	1.19172	1.19172	1.19172	0.414757	1.71698	1.71698	0.0334725	5.00789	5.00789	0.286315	2.05031	2.05031	0.946249	0.957223	-1.04469	1.0661	9.06052	5.91927	1
cg16042651	ARHGEF10	0.337488	0.305653	1.32007	1.32007	0.471564	1.27144	1.27144	0.222356	1.38355	1.38355	0.858792	1.10073	1.10073	0.642377	1.15966	1.15966	1.15966	0.75174	1.13381	1.13381	0.396917	1.50474	1.50474	0.546846	1.27312	1.27312	0.570919	0.797073	-1.25459	1.36059	1.70143	1.14868	0.81917	0.61658

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1055 vs. N)	Fold-Change(1055 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1128 vs. N)	Fold-Change(1128 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ap01532187	KIAA1688	0.337805	0.964942	0.981072	-1.01929	0.0168693	0.8153	-1.55202	0.387839	0.680573	-1.46935	0.501886	0.34491	1.94491	0.515681	0.752942	-1.32812	0.59579	0.792739	-1.26145	0.477525	0.730525	-1.36888	0.845547	0.9187	-1.0885	0.21133	0.564093	-1.77276	1.35961	4.07054	2.66124	1
ap02136738	TTC13;ARV1;TTC13	0.337862	0.237927	1.22377	1.22377	0.592593	0.915553	-1.09224	0.902308	1.02026	1.02026	0.890289	0.739266	-1.35269	0.660128	1.07496	1.07496	0.193978	1.25168	1.25168	0.129304	0.765121	-1.30698	0.685345	0.935626	-1.0688	0.562548	0.908796	-1.10036	1.35959	0.5745	0.375638	1
ap02195197	IFT140	0.337864	0.681942	0.908656	-1.10053	0.451776	1.19508	1.19508	0.04930119	0.593567	-1.68473	0.631294	1.11896	1.11896	0.332607	1.26156	1.26156	0.781908	0.937525	-1.06664	0.268254	0.764856	-1.30744	0.780524	1.06709	1.06709	0.199428	1.37049	1.37049	1.35959	1.16364	0.760781	1
ap01446235	AFG3L1;CENPB1;AFG3L1;AFG3L1	0.337867	0.784942	0.969446	-1.03152	0.3878804	1.10562	1.10562	0.0596709	1.0047	1.0047	0.631068	0.567254	-1.05627	0.227369	1.15462	1.15462	0.0992566	1.22754	1.22754	0.346097	0.895761	-1.11637	0.0784289	1.24831	1.24831	0.292847	1.1318	1.1318	1.35957	0.2777152	0.181202	1
ap02026052	TEAD3	0.337876	0.12106	1.34219	1.34219	0.8097077	0.958661	-1.04312	0.36729	1.17602	1.17602	0.167197	1.36047	1.36047	0.277717	1.21849	1.21849	0.0930309	1.38195	1.38195	0.074385	1.41626	1.50086	1.12731	1.12731	0.672078	1.07739	1.07739	1.35956	0.659008	0.431453	1
ap03041508	PLCL1	0.337882	0.878412	1.0211	1.0211	0.0572054	1.34107	1.34107	0.5517311	1.0856	1.0856	0.259961	0.851902	-1.17834	0.196113	1.20498	1.20498	0.165626	1.22347	1.22347	0.275616	1.16731	1.16731	0.64151	0.938043	-1.06605	0.703352	1.05357	1.05357	1.35954	0.400629	0.261937	1
ap19781013	ELP3	0.337884	0.833423	0.973499	-1.02722	0.505823	1.08991	1.08991	0.384082	1.12055	1.12055	0.0343241	0.729896	-1.37006	0.810297	0.969797	-1.03114	0.549223	0.925625	-1.08035	0.308124	1.144	1.144	0.539435	1.08246	1.08246	0.31904	1.14034	1.14034	1.35953	0.350201	0.228968	1
ap13775091	PTPRN2;PTPRN2;PTPRN2	0.33788	0.685685	1.09986	1.09986	0.386245	0.812385	-1.23094	0.157244	0.700169	0.624604	0.609747	-1.64002	0.947785	1.00742	1.00742	1.00742	0.0634637	0.613736	-1.62936	0.843441	0.954798	-1.04734	0.659135	1.10943	1.10943	0.979332	0.993958	-1.00608	1.35952	1.17829	0.770396	1
ap03151187	4	0.337896	0.107327	0.711836	-1.40482	0.101113	1.4151	1.4151	0.433067	1.16732	1.16732	0.57045	0.895037	-1.11727	0.945482	0.986862	-1.01331	0.641487	0.913305	-1.09492	0.384671	0.841668	-1.18812	0.2700332	1.24871	1.24871	0.3927772	1.18448	1.18448	1.3595	0.8052665	0.526509	1
ap03175130	GRK5	0.33903	0.853403	0.97251	-1.02756	0.738732	-1.35257	-1.35257	0.445775	1.15234	1.15234	0.972704	0.993772	-1.00605	0.331704	1.12271	1.12271	0.101409	1.18709	1.18709	0.126201	1.35236	1.35236	0.968364	0.992841	-1.00721	0.769732	0.947857	-1.05501	1.3595	0.716649	0.468571	1
ap18705229	HGS	0.339905	0.616424	1.12227	1.12227	0.3599812	1.74578	1.74578	0.63076	1.11697	1.11697	0.147043	1.4268	1.4268	0.407629	1.21345	1.21345	0.104809	1.48675	1.48675	0.120871	1.20871	1.20871	0.110709	1.48731	1.48731	0.519439	1.16086	1.16086	1.35948	1.12329	0.734455	1
ap01242133	TBC1D1	0.339907	0.171752	0.794439	-1.25839	0.0979616	0.714682	-1.40477	0.192642	0.852407	-1.17315	0.710397	0.942709	-1.06077	0.0846888	0.71962	-1.39205	0.704238	1.06218	1.06218	0.604863	0.928753	-1.08027	0.612662	1.08413	1.08413	0.347999	0.826105	-1.2105	1.35947	0.538707	0.352233	1
ap05820107	C1orf65	0.339916	0.334978	1.25554	1.25554	0.965121	0.990042	-1.01006	0.906365	0.973428	-1.0273	0.288827	1.28661	1.28661	0.158126	1.14249	1.14249	0.764722	1.07111	1.07111	0.0179991	1.93056	1.93056	0.376092	1.23109	1.23109	0.602174	1.12792	1.12792	1.35945	1.12785	0.737457	1
ap11831198	LRP1	0.339919	0.303689	1.54778	1.54778	0.348025	0.672887	-1.48613	0.866818	1.06733	1.06733	0.347362	2.25678	2.25678	0.0791338	1.16038	1.16038	0.152889	1.29983	1.29983	0.392389	1.43231	1.43231	0.149714	1.88381	1.88381	0.0894767	2.15488	2.15488	1.35944	3.61999	2.36698	1
ap26434646	MEGF11	0.339927	0.96387	1.03621	-1.02446	0.8954479	1.02665	1.02665	0.7067371	0.9837	0.9837	0.512774	1.63192	0.114731	0.6320274	1.25104	1.25104	0.409622	-1.00151	0.4018326	0.632656	-1.58364	0.257374	0.532228	0.87888	0.02812	0.9506	-1.98946	0.988413	0.992262	-1.00778	0.15943	0.612955	1.35955	0.400629	0.261937	1
ap13141536	CCDC66;CCDC66;CCDC66	0.339922	0.887193	1.08437	1.08437	0.183355	1.23806	1.23806	0.20272	2.15422	2.15422	0.235296	2.03365	2.03365	?	?	?	?	?	?	0.107954	2.72078	2.72078	0.482316	1.50306	1.50306	0.327565	0.56173	-1.78022	1.35453	5.43178	4.58465	1
ap20095096	FBXW7	0.339923	0.699706	0.917562	-1.08985	0.695711	1.09117	1.09117	0.533876	1.15133	1.15133	0.515235	1.15432	1.15432	0.598784	0.888823	-1.12508	0.868765	1.03739	1.03739	0.0140605	0.514955	1.95121	0.774029	0.938565	-1.06571	0.713074	0.926799	-1.07898	1.35943	1.06091	0.669697	1
ap04944936	FAM120C	0.339928	0.182586	1.61949	1.61949	0.8458525	1.17273	1.17273	0.381375	0.479307	0.479307	0.139548	-2.08608	0.867915	0.33242	1.52398	1.52398	0.349775	1.45048	1.45048	0.202	2.19876	0.753883	0.77501	-1.29164	0.894522	-1.11792	1.35943	1.44277	0.413385	1
ap05422647	GLRA1;GLRA1	0.339932	0.401517	0.768134	-1.30186	0.0623206	0.524867	-1.90524	0.667292	1.14209	1.14209	0.232108	1.46962	1.46962	0.82992	0.936049	-1.06832	0.843814	0.9412	-1.06247	0.256686	0.695094	-1.43865	0.1548825	0.626383	-1.59647	0.2640818	0.699293	-1.43002	1.35941	2.03207	1.32873	1
ap10439100	GPAA1	0.339937	0.322517	1.20287	1.20287	0.623302	1.09351	1.09351	0.971028	0.993457	-1.00659	0.233566	0.997926	-1.00253	0.375536	0.84844	-1.17863	0.303654	1.12126	1.12126	0.347994	0.663712	-1.50668	0.585275	0.965199	-1.03473	0.596891	1.10128	1.10128	1.35939	0.703376	0.459828	1
ap18434990	ZNF526	0.339939	0.162398	1.2307	1.2307	0.126053	0.125907	1.25907	0.50442	1.09886	1.09886	0.134677	1.14541	1.14541	0.145125	1.07833	1.07833	0.58019	0.925193	-1.08086	0.33602	0.871044	-1.14805	1.10934	1.27504	1.27504	0.449708	0.898345	-1.11316	1.35939	0.417015	0.272681	1
ap05487890	FBXL16; PRR5;PRR5-	0.339939	0.902596	1.10296	1.10296	0.189698	3.04002	3.04002	0.0368425	6.96441	6.96441	0.496323	1.73822	1.73822	0.274081	0.402149	-2.48664	0.559518	0.820712	-1.61105	0.602882	1.52215	1.52215	0.277827	2.46771	2.46771	0.986724	1.01341	1.01341	1.35939	13.7931	9.01919	1
ap12333142	ARHGAP8;PRR5;PRR5;PRR5;PRR5	0.339942	0.982527	1.00792	1.00792	0.231648	0.636548	-1.57097	0.934751	1.02992	1.02992	0.912868	1.0402	1.0402	0.0165445	0.348509	-2.86937	0.74054	0.887234	-1.1271	0.336916	0.700145	-1.42828	0.8727	1.05943	1.05943	0.617767	1.19858	1.19858	1.35938	2.79092	1.82496	1
ap18832221	CEP72	0.339942	0.956093	1.01884	1.01884	0.6207108	1.62454	1.62454	0.0368205	1.24933	1.24933	0.0409001	1.63563	1.63563	0.229541	0.803683	-1.24441	0.821027	1.01754	1.01754	0.913533	1.64006	1.64006	0.0254	1.96645	-1.03471	0.979061	1.01037	1.01037	1.35938	3.12874	2.17664	1
ap01852244	PHKB;ITFG1;PHKB	0.339947	0.470259	0.794861	-1.25808	0.343073	0.736911	-1.35702	0.641305	0.863601	-1.15794	0.838462	1.06588	1.06588	0.118336	0.588625	-1.69887	0.302154	0.715984	-1.39668	0.0424425	0.481727	-2.07586	0.715313	1.1213	1.1213	0.116302	0.586597	-1.70475	1.35937	2.10317	1.37526	1
ap23150609	YARS;S100PBP;S100PBP	0.339948	0.325657	1.753833	1.33008	0.3175918	1.19463	1.19463	0.0674393	1.00912	1.00912	0.798451	1.04502	1.04502	0.50744	1.02022	1.02022	0.284979	1.82564	1.82564	0.0254999	1.34407	1.34407	0.352959	1.17898	1.17898	0.127722	1.21765	1.21765	1.35936	0.637759	0.417031	1
ap19388776	PROK2;PROK2	0.339952	0.377273	0.611882	-1.6343	0.140167	2.36436	2.36436	0.155137	2.28157	2.28157	0.241675	1.94343	1.94343	0.885	1.08163	1.08163	0.533236	1.40798	1.40798	0.119932	0.440633	-2.49605	0.697029	0.808857	-1.23631	0.946353	1.06412	-1.03716	1.35935	3.289	4.1385	1
ap01822130	EPHA5	0.339952	0.334047	1.73896	1.73896	0.1410274	8.12774	8.12774	0.25006	4.90886	4.90886	0.183144	6.48577	6.48577	0.430324	0.344545	-2.90238	0.429509	2.90808	2.90808	0.304633	4.08436	4.08436	0.0458866	20.6773	20.6773	0.761542	1.4961	1.4961	1.35935	37.721	24.666	1
ap24028809	RIS17	0.339953	0.243383	1.67102	1.67102	0.3878132	1.24539	1.24539	0.0189993	1.09253	1.09253	0.460709	-2.27134	0.917507	0.0149893	-1.95351	0.0134553	0.292214	3.01124	3.01124	0.0134994	1.96256	1.96256	0.154426	2.63155	2.63155	0.137408	1.57262	1.77985	1.35933	4.67399	6.07205	1
ap02386723	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.33796	0.766642	0.929287	-1.07609	0.24548	1.34897	1.34897	0.55785	0.864116	-1.15725	0.729133	0.917904	-1.08944	0.0145403	0.814201	-1.2282	0.165912	1.43921	1.43921	0.0495506	1.73699	1.73699	0.359314	1.26145	1.26145	0.688827	0.905566	-1.10428	1.35933	1.30732	0.85488	1
ap10370047	RNF180;RNF180	0.339958	0.0695283	1.88183	1.88183	0.0185778	1.31541	1.31541	0.0178342	0.902516	0.902516	0.0488089	0.779952	0.779952	0.0154502	0.888819	-1.12503	0.150272	1.88089	1.88089	0.0179953	0.550272	-1.81741	0.505147	1.1602	1.1602	0.150382	0.859096	-1.16447	1.35932	1.18387	0.376992	1
ap09292875	LRP10	0.339988	0.436654	1.52783	1.52783	0.489326	1.45519	1.45519	0.04216	0.286397	-3.49166	0.311541	0.571659	-1.74929	0.267478	1.85338	1.85338	0.792175	1.868449	-1.15148	0.709562	0.818871	-1.22119	0.4680552	1.48345	1.48345	0.464153	1.48878	1.48878	1.35926	0.14165	0.401635	1
ap23070111	PTGS2	0.339997	0.151027	0.797377	-1.25411	0.500293	0.904229	-1.10591	0.703245	1.05793	1.05793	0.0335493	0.693941	-1.44104	0.367792	0.872734	-1.14582	0.378444	0.875494	-1.14221	0.181374	0.811574	-1.23217	0.2446	0.836015	-1.19615	0.218539	0.826603	-1.20977	1.35923	0.466096	0.30481	1
ap27599391	ATM;NPAT	0.339998	0.670979	1.05121	1.05121	0.2626206	2.40926	2.40926	0.068006	2.67368	2.67368	0.526999	1.36126	1.36126	0.222551	0.806402	-1.23996	0.809064	1.10626	1.10626	0.743993	0.854125	-1.17079	0.318372	1.64252	1.64252	0.308102	1.66132	1.66132	1.35923	4.08412	3.25944	1
ap17760391	MAST4;MAST4;MAST4	0.338009	0.724297	0.942087	-1.06147	0.5346525	1.11175	1.11175	0.674205	1.07382	1.07382	0.128733	1.3186	1.3186	0.148684	1.29814	1.29814	0.139676	1.30701	1.30701	0.359891	0.853361	-1.17184	0.21942	0.804485	-1.24303	0.623093	1.08703	1.08703	1.3592	0.610881	0.399503	1
ap08435138	KALGP1;AARSD1	0.338014	0.455768	1.31589	1.31589	0.603706	1.18908	1.18908	0.833289	1.04227	1.04227	0.557138	0.833716	1.19945	0.0905587	1.84464	1.84464	1.11037	0.0957079	0.705082	-1.75157	0.107484	0.583841	-1.7128	0.811351	0.932937	-1.07408	0.361111	1.33314	1.3592	2.0194	1.52065	1
ap16404937	IMP4;CCDC115	0.338011	0.544961	0.870851	-1.1483	0.983494	0.995341	-1.00468	0.575406	1.13625	1.13625	0.786493	1.0632	1.0632	0.0426225	1.30193	1.30193	0.121309	0.68444	-1.46105	0.606354	0.889299	-1.12448	0.210032	1.34739	1.34739	0.0296804	1.54313	1.54313	1.3592	1.09673	0.717241	1
ap23977108	PARN;PARN	0.338012	0.489283	1.10245	1.10245	0.895821	1.01836	1.01836	0.5197971	1.09479	1.09479	0.402499	1.12631	1.12633	0.391826	0.885331	-1.12955	0.611231	1.07377	1.07377	0.550121	0.919475	-1.08758	0.975931	0.99582	-1.0042	0.0179932	1.49049	1.49049	1.35919	0.415025	0.271419	1
ap20849987	KALGP1;AARSD1	0.338014	0.19585	1.43644	1.43644	0.7284584	1.12878	1.12878	0.344134	1.10313	1.10313	0.0492313	1.09268	1.09268	0.0505804	1.84464	1.84464	1.11037	0.0957079	0.705082	-1.75157	0.107484	0.583841	-1.7128	0.811351	0.932937	-1.07408	0.361111	1.33314	1.3592	2.0194	1.52065	1
ap00479885	FAM127B;FAM127B;FAM127B	0.338029	0.272555	0.643289	-1.55451	0.0326008	0.380556	-2.62773	0.414379	0.724468	-1.38032	0.816697	1.09384	1.09384	0.165974	0.565142	-1.76947	0.22772	0.61315	-1.63092	0.353393	0.691482	-1.44617	0.270904	0.642231	-1.55707	0.667834	1.18148	1.18148	1.35915	1.21234	2.10088	1
ap21640915	LLGL2;LLGL2	0.33803	0.152593	1.40258	1.40258	0.5621201	1.32709	1.32709	0.171441	1.27733	1.27733	0.0838102	1.28809	1.28809	0.122427	0.817634	-1.22349	0.671817	1.45533	1.45533	0.0138862	1.81063	1.81063	0.0149468	1.97793	1.97793	0.0275468	1.54445	1.54445	1.35915	2.12046	1.44968	1
ap12389195	PAX8;PAX8;PAX8;PAX8;PAX8;LOC440808	0.338031	0.284452	0.340484	-2.93699	0.359249	0.401159	-2.49378	0.0928833	0.166715	-5.99836	0.92383	1.09841	1.09841	0.338721	2.60007	2.60007	0.178635	3.99313	3.99313	0.39264	0.428035	-2.33626	0.227956	0.293396	-3.40836	0.858479	1.1888	1.1888	1.35914	20.2103	13.2177	1
ap24686497	BEND7	0.338033	0.291459	0.516859	-1.93476	0.645819	1.32181	1.32181	0.65676	1.30952	1.30952	0.760031	0.831346	-1.20287	0.110123	0.349076	-2.85734	0.0604254	2.78973	2.78973	0.0158407	0.130434	0.347799	-2.87523	0.396771	0.592631	-1.68739	0.0441726	0.0472426	0.611399	-1.63559	1.35914	7.82494	5.11758	1
ap03966045	STRADB;TRAK2	0.338034	0.138321	0.750101	-1.33315	0.305715	1.2106	1.2106	0.178364	1.29393	1.29393	0.72539	0.938424	-1.06562	0.837914	1.0376	1.0376	0.0667808	0.690484	-1.44826	0.68148	0.928327	-1.07721	0.682728	0.928616	-1.07687	0.59081	0.906819	-1.10276	1.35914	0.699042	0.457181	1
ap07234475	ELL3	0.338044	0.844434	0.950924	-1.05182	0.6225567	1.25767	1.25767	0.0116366	1.36441	1.36441	0.258241	1.06465	1.06465	0.929222	0.975174	-1.02546	0.459917	0.798574	-1.25223	0.899165	1.03652	1.03652	0.107775	1.02775	1.02775	0.684727	1.12265	1.12265	1.35912	1.17363	1.12729	1
ap10679182	EXOC4	0.338051	0.32988	0.500978	-1.99609	0.436822	0.579682	-1.72508	0.313692	0.488563	-2.04682	0.429664	0.574543	-1.74051	0.0197544	0.144398	6.92529	0.434427	0.577964	-1.73021	0.170079	0.366235	-2.73049	0.950672	1.04344	1.04344	0.199546	0.993385	-2.53881	1.35909	10.1713	6.65237	1
ap05188636	FAT4	0.338055	0.752794	1.06957	1.06957	0.136525	1.6101	1.6101	0.464279	1.24946	1.24946	0.0552921	0.524605	-1.90619	0.0321149	0.70329	-1.42184	0.653075	0.874284	-1.14379	0.223268	0.683603	-1.46284	0.552213	1.1955	1.1955	0.147178	1.86102	-1.16141	1.35908	1.8789	1.3524	1
ap21908996	C6orf134	0.338056	0.965886	0.979538	1.02298	0.0721162	0.94429	-2.90453	0.799351	0.872971	-1.14551	0.0569281	0.318399	-3.14072	0.55656	1.37147	1.37147	0.321413	1.72317	1.72317	0.805712	0.877301	-1.13986	0.588875	0.748373	-1.33623	0.32208	0.580789	-1.72118	1.35908	6.07367	3.97241	1
ap06149271	CAMTA1	0.338057	0.136786	1.194644	-5.12967	0.914558	0.896299	-1.1157	0.863947	1.19119	1.19119	0.302189	0.336104	-2.97527	0.0897263	0.14835	-6.74079	0.375744	0.956515	-1.04555	0.212813	0.171924	-5.81651	0.0727703	0.129791	-7.70467	0.353662	0.377767	-2.64714	1.35907	22.3985	14.6495	1
ap07729925	TCF25	0.338061	0.14205	1.24202	1.24202	0.5990452	1.20502	1.20502	0.409984	1.26827	1.26827	0.204324	0.824124	-1.21324	0.196279	0.86722	-1.15307	0.811187	1.17483	1.17483	0.210709	0.764244	-1.30815	0.0181137	1.17911	1.17911	0.468366	-2.13508	0.414439	1.35488	1.54288	0.97052	1
ap13671582	MLXIP	0.338064	0.110687	0.354402	-2.82165	0.711759	1.24794	1.24794	0.181059	2.33379	2.33379	0.324993	0.545209	-1.83416	0.110697	0.354414	-2.82156	0.95579	1.03364	1.03364	0.472823	0.646758	-1.54617	0.32328	0.54396	-1.83837	0.288312	0.517937	-1.93074	1.35906	7.66679	5.01445	1
ap08435148	MLL3	0.338065	0.41668	1.31589	1.31589	0.603706	1.18908	1.18908	0.833289	1.07219	1.07219	0.791144	0.911216	-1.09743	0.0622494	2.00097	2.00097	0.0359995	2.24556	2.24556	0.308605	1.44093	1.44093	0.651439	1.1623	1.1623	0.662988	0.865007	-1.15606	1.35905	2.93407	1.53968	1
ap00474798	SUCLG1	0.338071	0.522039	0.729335	-1.38134	0.204601	1.94729	1.94729	0.164411	2.09293	2.09293	0.872777	1.08305	1.08305	0.239095	0.754186	-1.32545	0.915714	1.94859	1.94859	-1.05412	0.0636069	0.353129	-2.83182	0.916947	1.0533	1.0533	0.870297	1.08476	1.08476	1.35904	1.33611	0.348947	1
ap03415253	SYNE1;SYNE1;SYNE1	0.338073	0.126368	0.685143	-1.45955	0.84355	0.955837	-1.0462	0.486739	1.17531	1.17531	0.496098	0.85387	-1.17114	0.0529877	0.604911	-1.65314	0.350982	0.805286	-1.24179	0.0795293	0.640903	-1.5603	0.847563	0.950962	-1.04497	0.767293	0.934416	-1.07019	1.35903	1.12469	0.735618	1
ap03276167	SNHG5;SNORD50B;SNORD50A	0.338073	0.986824	1.00238	1.00238	0.0107355	1.21448	1.21448	0.0122328	1.31928	1.31928	0.0122328	1.06987	1.06987	0.365482	1.12128	1.12128	0.842097	1.01212	1.01212	-1.0943097	0.568842	1.30137	0.260596	0.847147	-1.18043	0.242806	1.19287	1.19287	1.35903	0.648108	0.29309	1
ap24768649	ERBB4;ERBB4	0.338078	0.54562	0.916739	-1.09082	0.0347617	1.41877	1.41877	0.806942	1.03541	1.03541	0.502669	0.907752	-1.10162	0.624975	0.932374	-1.07253	0.655547	0.938179	-1.06589	0.111436	0.783272	-1.27669	0.865988	0.9243	1.0243	0.811272	0.965571	-1.03459	1.35902	0.434832	0.284409	1
ap19940869	GLRX2;GLRX2	0.338082	0.666758	0.922711	-1.08376	0.6039567	0.907306	-1.10216	0.624945	0.912577	-1.0958	0.767608	0.964642	-1.05657	0.103606	1.39168	1.39168	0.0306085	1.60269	1.60269	0.845649	0.964457	-1.03685	0.734216	1.06532	1.06532	0.53412	1.12403	1.12403	1.35901	0.742098	0.485386	1
ap19744131	ME3;FAM63A	0.338094	0.0287343	0.598835	-1.66991	0.147211	1.36229	1.36229	0.712589	1.07632	1.07632	0.862886	0.966225	-1.03496	0.443166	1.16814	1.16814	0.805495	0.952143	-1.05026	0.69231	1.08227	1.08227	0.575969	0.919842	-1.08714	0.761361	1.06241	1.06241	1.35897	0.850366	0.556214	1
ap23109191	GAB2	0.338107	0.439044	1.32152	1.32152	0.6478825	1.24074	1.24074	0.1499	1.34899	1.34899	0.170557	0.903999	-1.10624	0.0737576	0.76992	-1.29899	0.710092	1.10953	1.10953	0.148794	0.811991	1.23166	0.23141	1.16174	1.16174	0.959435	0.893573	-1.1191	0.8005508	0.970966	1.03092	1.03092	1.35897	0.307002	0.208811	1
ap07880943	LCP1	0.33811	0.772326	0.805281	-1.2418	0.0317307	6.5503	6.5503	0.106139	3.73341	3.73341	0.553864	1.56364	1.56364	0.285895	0.437206	-2.28725	0.787463	1.22351	1.22351	0.691418	1.34693	1.34693	0.623153	1.44733	1.44733	0.860496	1.14033	1.14033	1.35893	11.9934	7.84496	1
ap05279513	SBF2	0.338113	0.843972	0.960201	-1.04165	0.889723	1.04688	1.04688	-1.0855	0.974199	-1.74156	0.994389	0.977073	-1.02346	0.0109726	0.681388	-1.46764	0.366394	1.14987	1.14987	0.554638	0.339722	-2.94355	0.0881535	0.288483	0.838332	-1.19255	0.156658	0.31893	1.35775	1.54025	1.04025	1
ap03614442	SMG1	0.338114	0.83438	0.946961	-1.05601	0.296469	1.32547	1.32547	0.515214	0.842187	-1.18739	0.278552	1.3408	1.3408	0.163269	0.875766	-1.14186	0.491712	1.19935	1.19935	0.0348258	1.89697	1.89697	0.155939	1.48545	1.48545	0.995362	1.00151	1.00151	1.35892	1.45814	0.953789	1
ap24266450	USP30	0.338122	0.346442	0.75037	-1.33268	0.454251	0.797883	-1.25332	0.821926	0.935408	-1.06905	0.194078	0.619664	-1.61378	0.156048

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25074289	CPSF1;MIR939	0.33842	0.820882	0.783209	-1.88605	0.764902	1.15447	1.15447	0.170453	0.496098	2.01208	0.222682	0.541323	-1.84702	0.0349049	0.308067	1.24605	0.923442	1.04711	1.04711	0.640714	0.798422	-1.24247	0.834529	0.620384	-1.61072	0.188003	0.513426	1.9477	1.35811	4.93404	3.22935	1
cg11871991	CPEB3;CPEB1;CPEB3;CPEB1	0.33842	0.878335	1.06257	1.06257	0.356608	1.14592	1.14592	0.0741749	0.210874	2.19984	0.219884	0.042709	2.45868	0.647623	1.21382	1.21382	0.551013	1.26997	1.26997	0.721567	0.867824	-1.15231	0.769776	1.1233	1.1233	0.102492	0.029571	2.02071	1.35809	3.37605	2.20967	1
cg04508836	GPHN;3;GPHN3	0.338429	0.474282	0.863245	-1.15842	0.356808	1.2111	1.2111	0.445537	1.17018	1.17018	0.50941	0.873495	-1.14483	0.417275	0.845754	-1.18238	0.469805	0.861909	-1.16022	0.0304758	0.598151	-1.67182	0.583282	0.894076	-1.11847	0.460435	1.16401	1.16401	1.35809	0.87845	0.57496	1
cg24840372	NCRNA00229	0.33843	0.111182	2.2117	2.2117	0.0671334	0.391173	-2.5561	0.979324	0.888216	-1.01193	0.753214	0.865648	-1.1552	0.428844	0.691114	-1.44695	0.475351	1.39578	1.39578	0.205636	0.542936	-1.84184	0.846381	0.915098	-1.09278	0.486876	0.723987	-2.18346	1.35808	4.50056	2.94569	1
cg03218988	EFS;G	0.33843	0.86	-3.0711	1.07315	0.332083	1.2294	1.2294	0.538626	1.13711	1.13711	0.361739	0.211348	1.21348	0.0721367	1.51324	1.51324	0.481858	0.862827	-1.15898	0.142486	0.722254	-1.38455	0.674194	0.08995	1.08995	0.200757	1.32168	1.32168	1.35807	0.916224	0.59969	1
cg11647489	ZDHHC9;ZDHHC9	0.338437	?	?	?	0.873707	0.790968	-1.26427	0.818063	0.715818	-1.397	0.140796	0.9603	0.854491	0.766518	-1.30521	0.285643	0.200084	-4.99791	0.0759228	17.5649	17.5649	0.407604	3.41722	3.41722	?	?	1.33309	35.0897	29.6378	1
cg23095988	ACOT7;ACOT7;ACOT7	0.338441	0.928904	1.03464	1.03464	0.334898	1.46157	1.46157	0.0760107	2.12443	2.12443	0.611641	1.2158	1.2158	0.596247	0.81542	-1.22636	0.449386	0.745149	-1.34201	0.213544	0.60662	-1.64848	0.179808	0.580617	-1.72231	0.464107	1.32892	1.32892	1.35805	3.13243	2.05027	1
cg01509468	BATF3	0.338444	0.762566	1.06715	1.06715	0.263457	1.2848	1.2848	0.744121	1.07567	1.07567	0.868005	1.02872	1.02872	0.868005	1.20897	0.482261	1.16554	1.16554	0.505861	1.00962	1.00962	1.47059	0.680255	1.00962	1.00962	0.336003	1.23659	1.23659	1.35805	0.989476	0.647947	1
cg25984524	NTSC2;NTSC2	0.33845	0.712041	1.25997	1.25997	0.994671	1.00417	1.00417	0.0890555	1.42595	1.42595	0.0227662	1.29	1.29	0.0227662	1.42725	0.616093	1.22535	0.859326	1.08499	0.921717	1.06318	1.06318	0.038462	1.45786	1.45786	0.414991	1.68092	1.68092	1.35803	0.83579	0.54923	1
cg25338036	CSMD1	0.338466	0.867652	0.944919	-1.05829	0.108873	1.8112	1.8112	0.623537	1.183	1.183	0.905847	0.960603	-1.04101	0.0695216	1.99299	1.99299	0.294248	1.44708	1.44708	0.22441	1.54268	1.54268	0.542302	1.2331	1.2331	0.240979	0.659035	-1.51737	1.35799	2.48187	1.62454	1
cg24219751	NIPSNAP1	0.338467	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.650591	1.43584	1.43584	1.49283	9.02514	5.03806	1
cg26718621	CDKN2AIPNL	0.338467	0.76088	1.07636	1.07636	0.557177	0.897606	-1.11407	0.369161	0.80063	-1.24902	0.270062	1.31899	1.31899	0.26726	1.32101	1.32101	0.291553	1.30192	1.30192	0.0670378	0.609635	-1.64032	0.284254	1.30758	1.30758	0.908441	1.02812	1.02812	1.35798	1.25002	0.818222	1
cg12536534	IKBKG;GEPD;GEPD;IKBKG;IKBKG;IKBKG	0.338471	0.163434	0.388504	-2.57397	0.110804	0.331411	-3.0174	0.965914	0.973203	-1.02754	0.0780859	3.47078	3.47078	0.848364	1.12939	1.12939	0.293737	0.500427	-1.99829	0.987319	0.989949	-1.01015	0.824918	1.15124	1.15124	0.706999	1.27129	1.27129	1.35797	8.69011	5.68828	1
cg15617976	ZNF673;ZNF673;ZNF673;ZNF673	0.338472	0.400708	0.601786	-1.66172	0.153752	0.4059	-2.46366	0.49079	0.66151	-1.51168	0.0525906	3.67318	3.67318	0.441572	1.31489	1.31489	0.224838	0.470108	-2.12687	0.302453	0.1596	1.1596	0.712146	0.803478	-1.24459	0.302757	1.74975	4.90716	1
cg10016610	ROBO3	0.338474	0.933101	1.07443	1.07443	0.262	1.64185	-1.55961	0.910665	0.966055	-1.03518	0.507942	1.22987	1.22987	0.364927	0.755187	-1.33087	0.334002	0.726507	-1.37629	0.654969	0.79438	1.25977	1.25977	1.7431	1.7431	0.139618	1.63184	1.63184	1.35797	2.04211	1.33606	1
cg14459668	C10orf11	0.338486	0.0614906	0.110024	-9.08894	0.521855	0.50654	-1.97418	0.893617	0.869201	-1.15048	0.432183	0.431773	-2.31603	0.344444	0.360488	-2.77402	0.174089	0.219827	-4.54903	0.113735	0.168285	-5.94229	0.0675758	0.117006	-8.54658	0.238131	0.274004	-3.64958	0.35793	23.6078	15.4534	1
cg26999229	TRMT1;TRMT1;TRMT1	0.338489	0.181324	0.764549	-2.62004	0.54	1.61227	1.61227	0.666363	1.46198	1.46198	0.7145993	0.766444	-1.30473	0.0275567	0.1492	-6.70344	0.376687	0.515374	-1.94026	0.346421	0.414426	-2.42468	0.855065	0.874934	-1.14294	0.485553	0.595832	-1.67835	1.35793	11.4829	7.51664	1
cg20851245	STK36;RNF25	0.338503	0.539028	0.788042	-1.26897	0.643506	0.836527	-1.19542	0.740715	1.13563	1.13563	0.9403	1.02626	1.02626	0.477778	0.758484	-1.31842	0.0425166	0.468704	-2.44634	0.272252	0.6456698	-1.54871	0.205883	0.599847	-1.66709	0.0624939	0.448202	-2.22314	1.35789	3.15472	2.05511	1
cg23925540	DIP2B	0.338505	0.267211	0.514373	-1.94411	0.179958	2.28779	2.28779	0.382587	1.67365	1.67365	0.742219	0.827092	-1.20905	0.11546	0.37372	-2.6758	0.371425	1.69527	1.69527	0.335112	0.564563	-1.77128	0.296694	1.86321	1.86321	0.755594	1.19672	1.19672	1.35788	7.11423	4.65707	1
cg20772718	PTGER2	0.338507	0.287356	2.26581	2.26581	0.233124	1.31681	1.31681	0.220723	2.5447	2.5447	0.291008	2.2599	2.2599	0.090789	1.94654	1.94654	0.445722	1.77813	1.77813	0.884192	0.988168	-1.01479	0.934818	3.74797	3.74797	0.0374529	5.97642	5.97642	1.35788	11.7904	7.71822	1
cg23845400	ETV7	0.338508	0.329062	0.677758	-1.47545	0.951182	1.02392	1.02392	0.04715	0.415978	-2.40397	0.389977	0.711659	-1.40517	0.0469229	0.415507	-2.4067	0.449177	0.742452	-1.34689	0.611109	1.21898	1.21898	0.739883	0.879274	-1.1373	0.919216	0.961584	-1.03995	1.35787	2.30662	2.09911	1
cg20991794	STL	0.338512	0.429881	0.661061	-1.51293	0.406523	1.16093	1.16093	0.131731	0.860525	0.860525	0.0774402	0.950247	-1.05206	0.0774402	0.995487	-1.00453	0.0349489	0.362337	2.75904	0.0774402	0.995487	-1.00453	0.0349489	0.681785	-1.46674	0.0774402	0.839207	-1.19147	0.344674	1.16816	1.16816	1.35786	0.904381	0.638983	1
cg12001630	RAC1;RAC1	0.338513	0.634964	1.39214	1.39214	0.0758813	1.92207	1.92207	0.248881	2.30197	2.30197	0.888177	0.907255	-1.10223	0.300998	0.476466	2.09879	0.229883	0.418333	2.39044	0.387599	0.541937	-1.84523	0.403331	1.80687	1.80687	0.491165	0.616474	-1.62213	1.35786	10.2914	6.73702	1
cg08700651	L28RA;L28RA;L28RA	0.338515	0.107509	0.49047	-2.03886	0.419407	0.715631	-1.39737	0.880822	1.06273	1.06273	0.579424	1.25488	1.25488	0.0923387	0.471743	2.11958	0.881462	0.941279	-1.06238	0.0527032	0.430947	-2.44291	0.516892	0.766045	-1.30541	0.428552	0.720523	-1.38788	1.35786	3.53717	2.31553	1
cg11330863	ARHGAP15	0.338518	0.260706	0.387107	-2.58326	0.0317828	0.19353	-7.66109	0.151132	0.28806	-3.4715	0.832652	0.842663	-1.18671	0.257729	0.39414	-2.53687	0.823581	0.842605	-1.1868	0.338854	0.444083	-2.25183	0.107292	0.24119	-4.14604	0.790532	0.811362	-1.23249	0.57185	14.076	9.21457	1
cg10647701	LOC285830;LOC285830	0.338527	0.976107	0.980643	-1.01974	?	?	?	0.448337	0.603923	-1.65584	0.301724	2.01038	2.01038	0.0434618	0.21969	-4.55187	0.831204	0.869952	-1.14949	0.823764	1.15671	1.15671	0.157446	0.372822	-2.68225	0.375074	0.552016	-1.81154	1.3558	8.13045	5.99681	1
cg11878419	DLGAP2	0.338529	0.179206	0.831992	-1.22042	0.242318	1.18629	-1.18629	0.473733	1.10772	1.10772	0.578283	1.48155	1.48155	0.0814774	0.444316	-2.17908	0.167435	1.2806	1.2806	0.258114	0.661811	1.24363	0.497355	0.0987041	1.10701	0.776622	0.964587	-1.03671	1.3558	0.941919	0.224378	1
cg22042465	INTS9;INTS9;INTS9	0.338541	0.463626	0.623856	-1.60293	0.57788	0.700773	-1.427	0.107329	0.328992	-3.03958	0.812881	0.860719	-1.16182	0.0204222	0.170787	-5.85526	0.249081	1.466735	-2.14254	0.376237	0.563066	-1.77599	0.601684	0.716688	-1.39531	0.211222	0.468486	-2.13454	1.35779	3.60327	5.63222	1
cg08876103	MACF1	0.338547	0.657343	0.841361	-1.18855	0.271825	0.642372	-1.55673	0.0759683	0.465758	-2.14704	0.469376	0.752165	-1.3295	0.212963	0.602001	-1.66113	0.63844	0.832669	-1.20096	0.0940696	0.490533	-2.0386	0.0469806	0.414888	-2.41029	0.550882	0.791773	-1.26299	1.35777	3.21925	2.10754	1
cg03754063	KEAP1	0.338703	0.78733	1.27005	1.27005	0.155129	0.501451	-1.99401	0.0761744	0.376784	-2.6555	0.285331	0.353331	-2.83101	0.414571	0.244728	-4.08607	0.179942	-1.24091	0.489775	0.0836453	0.108861	1.07966	0.926356	0.634857	-1.57557	0.0994924	0.847721	-1.18001	1.35773	1.07438	0.704768	0.657483	1
cg25787043	UBR4	0.338553	0.498953	0.858719	-1.16453	0.0231179	1.84788	1.84788	0.833987	0.954494	-1.04768	0.39217	0.914798	1.09341	0.0468238	0.395127	-2.53111	0.395453	1.21303	1.21303	0.385244	1.2184	1.2184	0.935972	0.01799	1.01799	0.189717	1.36103	1.36103	1.35776	1.05892	0.693251	1
cg14747603	LSR;LSR;LSR	0.338562	0.429881	0.661061	-1.51293	0.406523	1.16093	1.16093	0.131731	0.860525	0.860525	0.0774402	0.950247	-1.05206	0.0774402	0.995487	-1.00453	0.0349489	0.362337	2.75904	0.0774402	0.995487	-1.00453	0.0349489	0.681785	-1.46674	0.0774402	0.839207	-1.19147	0.344674	1.16816	1.16816	1.35786	0.904381	0.638983	1
cg00809111	FLJ30058	0.338559	0.0934445	3.38293	3.38293	0.194263	2.47716	2.47716	0.296378	2.04457	2.04457	0.911322	1.07637	1.07637	0.966029	0.97226	-1.02853	0.0899049	3.4376	3.4376	0.0653261	3.92199	3.92199	0.938843	0.950758	-1.05199	0.469631	1.62567	1.62567	1.35774	1.38251	6.14244	1
cg20539416	MALAT1	0.338565	0.751788	1.05548	1.05548	0.0312466	1.53746	1.53746	0.447442	1.14085	1.14085	0.582194	0.907662	-1.09918	0.329443	1.18683	1.18683	0.757801	1.05405	1.05405	0.0710542	1.40944	1.40944	0.915833	0.01815	1.01815	0.389933	1.16176	1.16176	1.35772	0.622818	0.407753	1
cg28728939	HK2	0.338567	0.577751	1.15403	1.15403	0.0963326	0.994752	-1.00524	0.247461	0.799729	-1.25063	0.247461	0.799729	-1.25063	0.247461	0.799729	-1.25063	0.484064	1.36573	1.36573	0.0140727	0.940037	0.905925	-1.10384	0.802006	0.947503	-1.05541	0.93772	0.999884	0.645488	1
cg22654055	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.338574	0.551453	0.72111	-1.38675	0.0826178	0.352353	-2.83806	0.0359163	0.265976	-3.75973	0.978958	0.98579	-1.01441	0.655662	1.27575	1.27575	0.473356	0.673193	-1.48546	0.680985	1.25146	1.25146	0.782874	0.860795	-1.16172	0.513074	1.43576	1.43576	1.3577	0.33147	0.14523	1
cg17186444	NDNL2;FAM189A1	0.338575	0.220263	0.805919	-1.24082	0.147909	0.2013	-4.96738	0.29678	0.29678	-3.36981	0.196791	1.1224	1.1224	0.482838	0.887551	-1.12676	0.863061	1.02932	1.02932	0.129042	0.634676	0.922991	-1.08343	0.702016	1.27109	0.270216	0.825142	-1.21191	0.8017206	1.38123	1.38123	0.0972891	1.02298	1.02298	1.3577	0.602675	0.394573	1
cg15621178	AFAP1L1;AFAP1L1	0.338576	0.478622	0.556364	-1.79738	0.226313	2.81261	2.81261	0.306196	2.3687	2.3687	0.205547	0.3372	-2.9656	0.429058	0.518343	-1.92922	0.965159	1.03619	1.03619	0.0841102	0.211057	-4.73806	0.384312	0.483798	-2.06698	0.277171	0.398535	-2.50919	1.35769	14.2471	9.32763	1
cg09112613	PRAM1	0.338576	0.342969	0.760206	-1.35607	0.242315	0.96915	-1.03189	0.0761744	0.376784	-2.6555	0.285331	0.353331	-2.83101	0.414571	0.244728	-4.08607	0.179942	-1.24091	0.489775	0.0836453	0.108861	1.07966	0.926356	0.634857	-1.57557	0.0994924	0.847721	-1.18001	1.35773	1.07438	0.704768	0.657483	1
cg04461197	SPATA16	0.338585	0.217524	0.555718	-1.79948	0.627833	2.2476	2.2476	0.165882	0.512143	-1.99258	0.797114	1.12374	1.12374	0.0446244	0.35204	-2.84058	0.333257	1.57141	1.57141	0.99189	1.00461	0.355169	0.650035	-1.53838	0.914808	0.952697	-1.04965	1.35767	4.40961	2.88704	1
cg10129694	P2RX5;P2RX5	0.338587	0.0729257	0.0729257	0.0729257	0.957389	-1.04445	-19.7778	0.0729257	0.0729257	0.0729257	0.0729257	0.0729257	0.0729257	0.0729257	0.0729257	0.0729257	0.121698	0.0990	0.0990	0.285726	0.7981	1.0751	1.0751	0.0729257	0.0729257	0.0729257	0.0729257	0.0729257	0.0729257	1.35768	0.871586	0.570628	1
cg18112904	POLR2J2	0.338587	0.235317	1.43797	1.43797	0.54897	0.837704	-1.19374	0.288573	1.37952	1.37952	0.625626	0.866241	-1.15441	0.106208	0.597366	-1.67401	0.124296	0.615073	-1.62582	0.941914	0.978944	-1.02151	0.300394	1.36805	1.36805	0.991877	0.997031	-1.00298	1.35767	1.83378	1.20061	1
cg26258044	KCN10	0.338589	0.251714	0.619673	-1.61449	0.12448	0.501154	-1.99501	0.0761744	0.376784	-2.6555	0.285331	0.353331	-2.83101	0.414571	0.244728	-4.08607	0.179942	-1.24091	0.489775	0.0836453	0.108861	1.07966	0.926356	0.634857	-1.57557	0.0994924	0.847721	-1.18001	1.35773	1.07438	0.704768	0.657483	1
cg20542465	GCLC	0.339018	0.729118	0.73217	-1.3659	0.219184	0.609084	-1.64044	0.863677	0.80476	-1.24306	0.670285	1.12207	1.12207	0.478042	1.28011	1.28011	0.572411	0.853822	-1.1712	0.446557	1.1931	1.5397	0.231079	0.42813	-2.34201	0.0743332	-1.48295	1.35765	1.65033	1.08051	1
cg18427391	NXN	0.338612	0.545948	0.735835	-1.359	0.990762	1.00583	1.00583	0.0596622	0.344104	-2.9061	0.517916	0.71962	-1.38962	0.0474099	0.320307	-3.122	0.975185	1.01574	1.01574	0.780001	0.868876	-1.15091	0.396198	1.5467	1.5467	0.315827	0.594176	-1.683	1.3576	5.41741	3.54706	1
cg16458671	FAM59A	0.338619	0.787838	1.12745	1.12745	0.155129	0.501451	-1.99401	0.0761744	0.376784	-2.6555	0.285331	0.353331	-2.83101	0.414571	0.244728	-4.08607	0.179942	-1.24091	0.489775	0.0836453	0.108861	1.07966	0.926356	0.634857	-1.57557	0.0994924	0.847721	-1.18001	1.35773	1.07438	0.704768	0.657483	1
cg22802720	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.338619	0.30024	1.45921	1.45921	0.625956	0.841201	-1.18878	0.424247	0.750296	-1.33281	0.18229	0.560604	-1.78379	0.702275	1.14477	1.14477	0.993	0.996916	-1.00309	0.0326019	0.413104	-2.4207	0.915907	1.03788	1.03788	0.841616	0.931991	-1.07297	1.35758	2.66451	1.74461	1
cg11529911	WDR75	0.338624	0.705431	1.15825	1.15825	0.626145	1.20915	1.20915	0.612126	1.22871	1.22871	0.718841	1.1501	1.1501	0.64258	1.04644	1.04644	0.199882	0.832268	-1.20146	0.0255319	0.355754	-2.7967	0.497173	1.19252	1.19252	0.542985	1.26895	1.26895	1.35757	1.12746	0.710645	1
cg00091964	CTNNA2;ERTM1;CTNNA2	0.338628	0.946828	0.981845	-1.01849	0.970644	1.00116	1.00116	0.0903962	1.26893	1.26893	0.81864	1.05309	1.05309	0.682131	1.0393032	-1.17978	0.0217469	1.23223	1.23223	0.0606208	0.867018	-1.15338	0.64841	1.13441	1.13441	0.131511	1.56399	1.56399	1.35756	1.62259	1.03243	1
cg03737080	FLAD1;FLAD1	0.33863	0.0575563	0.654159	-1.52868	0.293124	0.806126	-1.2405	0.503843	1.14271	1.14271	0.411793	1.17994	1.17994	0.555429	0.888823	-1.12508	0.385997	0.838197	-1.19198	0.085622	0.686974	-1.45556	0.864128	0.96672	-1.03443	0.858869	1.03632	1.03632	1.35755	0.839618	0.54976	1
cg25432308	CRIP2	0.338635	0.181385	0.814459	-2.15705	0.0923672	0.963739	-1.03715	0.0761744	0.376784	-2.6555	0.285331	0.353331	-2.83101	0.414571	0.244728	-4.08607	0.179942	-1.24091	0.489775	0.0836453	0.108861	1.07966	0.926356	0.634857	-1.57557	0.0994924	0.847721	-1.18001	1.35768	1.05988	0.705548	0.657483	1
cg09822697	SLC9A3	0.338646	0.0567355	6.69724	6.69724	0.103248	4.81397	-4.81397	0.783845	1.2744	1.2744	0.120028	0.42482	-4.42482	0.931136	1.07919	1.07919	0.470698	1.90996	1.90996	0.667648	0.68324	-1.46361	0.147369	3.93914	3.93914	0.820328	2.22214	1.22214	1.35751	16.7182	10.947	1
cg26942532	MDH2;STYXL1	0.338652	0.0864858	1.33691	1.33691	0.143403	0.785623	-1.27288	0.197384	1.23928	1.23928	0.187398	1.23912	1.23912	0.2933	1.18209	1.18209	0.408957	1.18336	1.18336	0.637859	0.97546	1.01745	1.01745	0.998743	1.00833	0.960883	1.00637	1.00637	1.35749	0.509248	0.331492	1
cg24724832	C1orf187	0.338657	0.220079	0.596006	-1.67531	0.0858938	0.13727	2.13727	0.0830214	2.15558	2.15558	0.808155	1.10224	1.10224	0.907428	1.04765	1.04765	0.407126	0.4098	2.44039	0.636044	1.21018	1.21018	0.263045	0.59512	1.59512	0.593677	1.80619	1.80619	1.35748	1.44298	2.25449	1
cg10423830	LOC648851;LOC646851;CBY1;CBY1	0.33866	0.817064	0.95269	-1.04966	0.229314	0.768088	-1.30193	0.166473	1.36149	1.36149	0.0692998	0.653739	-1.52956	0.741881	0.933203	-1.07158	0.478011	0.859940	-1.16286	0.142818	0.719331	-1.39018	0.31236	0.803658	-1.24431	0.511991	0.870133	-1.14925	1.35747	0.940578	0.615903	1
cg25482341	MUC5B	0.338671	0.524081	1.2117	1.2117	0.155129	0.501451	-1.99401	0.0761744	0.376784	-2.6555	0.285331	0.353331	-2.83101	0.414571	0.244728	-4.08607	0.179942	-1.24091	0.489775	0.0836453	0.108861	1.07966	0.926356	0.634857	-1.57557	0.0994924	0.847721	-1.18001	1.35773	1.07438	0.704768	0.657483	1
cg17777683	CFLAR;CFLAR;CFLAR	0.338682	0.70889	0.776603	-1.28766	0.720446	1.27411	1.27411	0.564741	1.48056	1.48056	0.602463	1.42513	1.42513	0.623782	0.161892	-6.17696	0.387005	1.81806	1.81806	0.766414	0.81805	-1.22242	0.394567	1.80011	1.80011	0.462871	1.60425	1.60425	1.65484	1.35747	9.7705	6.39787	1
cg10449575	CDS2;CDS2	0.338684	0.448418	0.707804	-1.41204	0.0854468	0.344144	-2.90645	0.0761744	0.376784	-2.6555	0.285331	0.353331	-2.83101	0.414571	0.244728	-4.08607	0.179942	-1.24091	0.489775	0.0836453	0.108861	1.07966	0.926356	0.634857	-1.57557	0.0994924	0.847721	-1.18001	1.35773	1.07438	0.704768	0.657483	1
cg18174258	C1orf229	0.338669	0.145434	1.39077	1.39077	0.182543	0.74196	-1.34778	0.294325	0.794946	-1.25795	0.522716	1.14645	1.14645	0.437436	1.1819	1.1819	0.583088	1.12407	1.12407	0.219783	0.761675	-1.3129	0.226991	1.30684	1.30684	0.661898	1.09728	1.09728	1.35745	0.956987	0.626659	1
cg12462068	ZC3H3	0.338675	0.251273	0.58148	-1.71975	0.0862172	0.424248	-2.35711	0.905528	0.947876	-1.05499	0.900321	1.05832	1.05832	0.0664814	0.394206	-2.53674	0.105736	0.446943	-2.22399	0.0995165	1.00047	1.00047	0.18487	0.529367	-1.88905	0.586853	0.780218	-1.28169	1.35743	4.39858	2.88012	1
cg15509705	SERPINA5	0.338684	0.860536	1.16222	1.16222	0.574723	1.24075	1.24075	0.299795	1.16566	1.16566	0.607625	1.0476	1.0476	0.595395	0.507538	-1.97031	0.349365	0.842129	-1.18707	0.0559157	0.707379	-1.41266	0.749564	0.830665	-1.20385	0.911664	1.03602	1.03602	1.35743	2.26451	1.43174	1
cg07005444	P2RX1	0.338687	0.103001	0.50243	-1.99033	0.0901165	0.48637	-2.05605	0.173642	0.571999	-1.74826	0.103573	0.503111	-1.98763	0.25123	0.629651	-1.58818	0.539305	0.786761	-1.27103	0.133563	0.535565	-1.86719	0.174112	0.572392	-1.74706	0.469675	0.752884	-1.32823	1.3574	3.20129	2.09636	1
cg06463789	SETD4;SETD4	0.338689	0.615781	1.06855	1.06855	0.0850979	1.28259	-1.28259	0.233026	1.17804	1.17804	0.281027	0.863452	-1.15814	0.274206	1.16077	1.16077	0.755191	1.14034	1.14034	0.103974	0.84957	1.13836	1.13836	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1 vs.N)	p-value|1057 vs. N)	Fold-Change(1 vs.N)	p-value|1117 vs. N)	Fold-Change(1 vs.N)	p-value|1127 vs. N)	Fold-Change(1 vs.N)	p-value|1217 vs. N)	Fold-Change(1 vs.N)	p-value|1221 vs. N)	Fold-Change(1 vs.N)	p-value|3477 vs. N)	Fold-Change(3 vs.N)	p-value|3477 vs. N)	Fold-Change(3 vs.N)	p-value|3537 vs. N)	Fold-Change(3 vs.N)	p-value|3537 vs. N)	Fold-Change(3 vs.N)	p-value|5377 vs. N)	Fold-Change(5 vs.N)	p-value|5637 vs. N)	Fold-Change(5 vs.N)	F(Error
cg13827458	ERO1L	0.339021	0.140561	1.3778	1.3778	0.498384	0.748424	-1.34404	0.0762455	0.428021	2.33633	0.556148	0.774068	-1.29188	0.3398	1.52689	0.74624	1.499	1.1499	0.881423	0.937805	1.06632	0.555179	0.752847	-1.81603	1.39651	3.97607	2.60542	1
cg20567768	PHYHIP;PHYHIP	0.339025	0.191599	0.492914	-2.02875	0.247887	1.85549	1.85549	0.410813	1.53781	1.53781	0.159612	0.854664	-1.17005	0.0908826	0.385558	-2.59365	0.40967	0.640561	-1.5395	0.115455	0.416582	-2.40049	0.910669	0.944188	-1.05911	0.634736	0.78279	-1.27748	1.3565	5.62531	3.68615	1
cg13186404	CASC4;CASC4	0.339026	0.296607	0.841218	-1.18875	0.580507	1.09328	1.09328	0.670332	1.07081	1.07081	0.877954	0.975746	-1.02486	0.125481	1.30335	1.30335	0.330994	1.173382	1.173382	0.4128	1.14314	1.14314	0.0720113	1.37831	1.37831	0.1217512	1.30741	1.30741	1.3565	0.544442	0.359384	1
cg26878947	DTNBP1;DTNBP1;DTNBP1	0.339032	0.916157	0.072007	0.0288	0.841873	0.947571	-1.05531	0.15699	0.664918	-1.50394	0.334481	0.764029	-1.30782	0.990929	1.00307	1.00307	0.987942	1.00408	1.00408	0.154899	1.50749	1.50749	0.387695	1.26961	1.26961	0.0669817	0.754877	-1.7395	1.35648	1.56165	1.02333	1
cg23992194	CTBP2;CTBP2	0.339034	0.0542611	0.251249	-3.98012	0.907827	1.07599	1.07599	0.847921	0.885669	-1.12002	0.361202	0.552352	-1.81044	0.17215	0.3989	-2.5069	0.4839	0.637694	-1.56815	0.0631626	0.266707	3.764904	0.555075	0.685569	-1.45864	0.148943	0.375752	-2.66133	1.35648	8.59161	5.63001	1
cg12844794	FRMD7	0.339038	0.65503	1.05481	1.05481	0.422492	1.10211	1.10211	0.146091	1.2069	1.2069	0.434418	0.909695	-1.09927	0.54609	0.930027	-1.07519	0.454704	0.914366	-1.09355	0.0499644	0.760988	-1.3038	0.990832	1.00316	1.00316	0.423618	0.907573	-1.10184	1.35647	0.302534	0.198249	1
cg02737625	FAM111A;FAM111A;FAM111A	0.339045	0.44398	1.20461	1.20461	0.435223	0.827046	-1.20912	0.780432	1.06893	1.06893	0.561937	1.15013	1.15013	0.171282	0.706491	-1.41545	0.10354	0.653986	-1.52908	0.439489	1.20691	1.20691	0.235594	0.743423	-1.34513	0.160717	0.699498	-1.4296	1.35645	1.2223	0.80098	1
cg26327596	MAP;MAP;MAP;MAP	0.339058	0.639149	0.926067	-1.08068	0.0833552	1.44298	1.48398	0.591814	1.10019	1.10019	0.892725	0.976439	-1.02409	0.135711	1.32795	1.32795	0.50245	1.12757	1.12757	0.917824	1.11837	1.11837	0.969778	1.10607	1.10607	0.0683624	1.43375	1.43375	1.35641	0.668489	0.438076	1
cg01206655	CYFIP2;CYFIP2	0.339064	0.24774	1.17806	1.17806	0.631352	0.936546	-1.06775	0.850945	0.976183	-1.02044	0.641166	1.06572	1.06572	0.295468	0.842937	-1.15883	0.171083	1.21851	1.21851	0.394709	0.830262	-1.24044	0.0969928	1.2802	1.2802	0.872634	0.978479	-1.02199	1.3564	0.395022	0.258869	1
cg08976554	NCOR2;NCOR2	0.339064	0.803957	1.08928	1.08928	0.805807	0.918799	-1.08838	0.15836	1.67948	1.67948	0.630697	1.18122	1.18122	0.372973	0.730176	-1.36953	0.295767	0.688818	-1.45176	0.0779073	0.509878	-1.96125	0.201743	0.629083	-1.58962	0.523738	1.24878	1.24878	1.3564	2.5396	1.66427	1
cg06907127	CRKCRK	0.339067	0.158884	0.435588	-2.29507	0.211382	0.974312	-1.1233	0.636289	0.9693443	-1.03163	0.662926	0.777959	-1.28564	0.0863445	1.2355	1.2355	0.453898	0.635398	1.57382	0.0134179	0.475972	-2.10096	0.0650251	0.909329	-1.09982	0.0654248	0.457148	-2.18748	1.35639	6.092025	4.54097	1
cg19269029	BAI1	0.339077	0.447864	0.720246	-1.38842	0.885649	0.940778	-1.06295	0.23134	0.587066	-1.70339	0.39185	1.45088	1.45088	0.0496407	0.3867	-2.58598	0.298931	1.57892	1.57892	0.682189	1.19085	1.19085	0.317546	1.5501	1.5501	0.894743	0.945391	-1.05776	1.35636	3.8663	2.53377	1
cg18096738	MEC P2;MEC P2	0.339081	0.087323	0.219894	-4.54762	0.470456	0.554823	-1.80238	0.508504	0.583816	-1.71287	0.155829	0.38158	1.38158	0.347712	2.17223	2.17223	0.111857	0.271181	-3.68737	0.0049774	0.176578	1.23557	1.23557	0.760757	0.787678	-1.26955	0.863089	1.14853	1.14853	1.35635	13.3292	9.06301	1
cg09742346	CMIP;CMIP	0.339082	0.395374	0.773192	-1.29334	0.175057	0.652976	-1.53145	0.49762	1.23784	1.23784	0.0589369	0.585298	-1.70853	0.969622	1.03132	1.03132	0.427935	1.2702	1.2702	0.156858	1.6057	1.6057	0.536246	1.20332	1.20332	0.7772666	0.910605	-1.08742	1.35635	1.87598	1.22943	1
cg08133641	TMEM190	0.339084	0.0559651	0.619121	-1.61519	0.25984	1.2973	1.2973	0.823125	0.951631	-1.05083	0.156312	1.12568	1.12568	0.110219	0.680113	-1.47034	0.481436	1.17171	1.17171	0.665273	1.10119	1.10119	0.536424	0.870606	-1.14862	0.960626	0.989127	-1.01099	1.35635	1.05345	0.690385	1
cg02106828	MTR	0.339088	0.9044	1.03224	1.03224	0.944393	1.51297	1.51297	0.664848	1.12618	1.12618	0.133756	1.53281	1.53281	0.297937	1.3297	1.3297	0.243502	1.16537	1.16537	0.12173	0.646953	1.54575	1.54575	0.917189	1.02785	1.02785	0.619373	1.14139	1.14139	1.35633	1.49821	0.981869	1
cg16575291	ITPK1;ITPK1;ITPK1	0.33909	0.206629	0.514655	-1.94305	0.700544	0.824717	-1.21254	0.809936	1.12768	1.12768	0.404861	1.52964	1.52964	0.717962	0.834532	-1.19828	0.243512	1.83779	1.83779	0.0509974	2.8946	2.8946	0.631368	0.785777	-1.27263	2.0246	2.0246	1.94948	1.94948	1.35633	5.34245	3.50124	1
cg10581665	LOC390595	0.339093	0.527703	0.852716	-1.17259	0.276205	0.754257	-1.32574	0.50105	0.845642	-1.18534	0.34479	0.780498	-1.27411	0.235824	0.753962	-1.36247	0.658823	0.587824	-1.70119	0.1522	1.49857	1.49857	0.618901	0.888993	-1.12487	0.485516	0.838244	-1.19297	1.35632	1.3315	0.872618	1
cg07312641	FASTK;TMUB1;TMUB1;FASTK	0.339097	0.321812	0.724023	-1.3233	0.567983	0.621661	-1.60859	0.642445	1.50173	1.50173	0.826198	0.834332	-1.19856	0.159221	0.290335	-3.4443	0.621752	0.663921	-1.50647	0.0557048	0.609082	-1.64228	0.0517407	0.616485	-1.62152	0.47214	0.547523	-1.82661	1.35631	14.5716	9.549811	1
cg21366200	DAZL	0.33911	0.674371	0.910111	-1.09877	0.0825272	1.53515	1.53515	0.571357	0.880293	-1.13599	0.168727	1.38662	1.38662	0.313895	1.26131	1.26131	0.301838	1.26925	1.26925	0.160962	1.39619	1.39619	0.504901	0.8600008	-1.16278	0.585057	0.884355	-1.13077	1.35628	1.06717	0.699412	1
cg19827182	ECE1	0.339113	0.481942	0.702616	-1.42343	0.568274	1.10584	1.10584	0.646866	1.25414	1.25414	0.551997	1.34613	1.34613	0.0231747	0.743011	-1.34582	0.223134	0.529916	-1.8709	0.161689	0.629292	-1.58909	0.695014	1.1497	1.1497	0.214487	0.489675	0.707051	-1.41433	1.3627	5.24148	3.43523	1
cg04904385	TWIST1	0.339115	0.451818	0.6321	-1.58203	0.258949	0.494931	-2.02049	0.617009	1.35217	1.35217	0.535302	1.44598	1.44598	0.122663	0.367073	-2.72426	0.59306	0.724124	-1.38008	0.432211	0.618599	-1.61551	0.0683765	0.38512	0.38512	0.921345	0.942612	-1.06088	1.35626	7.69171	5.04111	1
cg02245606	RDX	0.339117	0.31967	1.44627	1.44627	0.691666	0.598549	-1.67127	0.512257	0.643329	-1.55407	0.150602	0.867414	1.15384	0.388327	1.43639	1.43639	0.507942	1.13481	1.13481	0.4814	1.2157	1.2157	0.760757	0.787678	-1.26955	0.863089	1.14853	1.14853	1.35635	13.3292	9.06301	1
cg16329650	ERBB4;ERBB4	0.339119	0.916236	0.958545	-1.04325	0.683314	1.17947	1.17947	0.224496	1.67109	1.67109	0.60126	0.808806	-1.23639	0.642751	0.828625	1.20682	0.647828	1.831037	-1.20332	0.224788	1.6705	1.6705	0.13621	1.90815	1.90815	0.0473441	2.49026	2.49026	1.35625	3.4788	2.28001	1
cg24517175	DDR1;DDR1;DDR1	0.339126	0.143143	1.51654	1.51654	0.379742	1.2693	1.2693	0.398276	1.25719	1.25719	0.029751	1.96788	1.96788	0.87794	1.04151	1.04151	0.424986	0.806044	-1.24063	0.765094	0.92376	-1.08253	0.373865	1.27325	1.27325	0.470805	1.21428	1.21428	1.35624	1.50441	0.986003	1
cg25727144	LTS2	0.339136	0.312844	1.03224	1.03224	0.944393	1.51297	1.51297	0.664848	1.12618	1.12618	0.133756	1.53281	1.53281	0.297937	1.3297	1.3297	0.392615	1.16537	1.16537	0.12173	0.646953	1.54575	1.54575	0.917189	1.02785	1.02785	0.619373	1.14139	1.14139	1.35633	1.49821	0.981869	1
cg20519121	NCRNA00164;MIR663B	0.339137	0.0519178	9.50691	9.50691	0.412945	2.34504	2.34504	0.293936	3.02972	3.02972	0.273603	3.1902	3.1902	0.878996	1.1678	1.1678	0.46839	0.471793	-2.11957	0.536226	1.89225	1.89225	0.0670096	0.88895	0.88895	0.3493302	2.66727	2.66727	1.35621	22.2697	14.5961	1
cg00638323	FGF4;FGF4;FGF4	0.339139	0.08473	0.288318	-3.46827	0.437035	1.3835	1.3835	0.276205	2.12917	2.12917	0.193474	2.907554	2.907554	0.0475992	0.344225	-2.90539	0.725416	0.79717	-1.26308	0.0663726	0.260553	3.818802	0.0654772	0.645672	-1.54912	1.8326	0.192434	0.4066	-2.45942	1.3562	9.13907	5.99038	1
cg08030791	RAB28;TOX4;RAB28;RAB28	0.339162	0.305069	0.761269	-1.3136	0.163836	1.46461	1.46461	0.197581	1.14912	1.14912	0.094916	0.624166	-1.60214	0.382359	0.794464	-1.25871	0.787543	0.932975	-1.07184	0.231173	0.724287	-1.38067	0.222243	0.880258	-1.13603	0.321702	1.30074	1.30074	1.35614	1.45674	0.928611	1
cg18162120	WDR26;WDR26;WDR26;WDR26	0.339164	0.403788	0.835966	-1.19622	0.663603	0.912306	-1.09612	0.381144	0.828293	-1.2073	0.0530397	0.630619	-1.58574	0.131022	0.710384	-1.40769	0.2574802	0.637259	-1.56922	0.236184	0.770803	-1.29735	0.328531	0.809369	-1.23553	0.967636	0.991527	-1.00855	1.35613	0.944665	0.619188	1
cg18330436	PARD3	0.339165	0.8514592	1.1882	1.1882	0.841618	1.72536	1.72536	0.222782	1.79595	1.79595	0.644866	1.25414	1.25414	0.551997	1.34613	1.34613	0.0231747	0.743011	-1.34582	0.0683958	1.20516	1.20516	0.183951	0.839656	1.19056	0.963017	0.946017	1.05706	0.78913	1.26756	0.445133	0.291767	1
cg03550233	KRT19	0.339168	0.936878	0.97071	-1.03017	0.265629	0.647012	-1.54557	0.0142881	0.321745	-3.10805	0.603601	0.821513	-1.21727	0.757599	0.890302	-1.12321	0.559338	1.24806	1.24806	0.394385	0.906622	-1.103	0.344236	0.6937311	-1.44148	0.895043	0.951667	-1.05079	1.35612	1.02562	1.98319	1
cg02051553	MMNAT1	0.339177	0.31467	1.44627	1.44627	0.691666	0.598549	-1.67127	0.512257	0.643329	-1.55407	0.150602	0.867414	1.15384	0.388327	1.43639	1.43639	0.507942	1.13481	1.13481	0.4814	1.2157	1.2157	0.760757	0.787678	-1.26955	0.863089	1.14853	1.14853	1.35635	13.3292	9.06301	1
cg16167060	SH3BP4	0.339182	0.98314	1.01188	1.01188	0.0162915	1.16546	1.16546	0.61827	1.3242	1.3242	0.782107	1.16763	1.16763	0.796287	1.15559	1.15559	0.34903	1.17411	1.17411	0.86676	1.09841	1.09841	0.247441	1.96091	1.96091	0.4490661	0.649726	-1.53911	1.35609	0.767076	0.43978	1
cg14458903	HRH1;HRH1	0.339182	0.277953	0.743722	-1.34459	0.0723472	1.69261	1.69261	0.144488	0.917754	-1.08962	0.50467	0.836995	-1.19475	0.344615	1.29107	1.29107	0.613835	1.14286	1.14286	0.750863	1.08719	1.08719	0.125415	0.647096	-1.54537	0.521659	0.843283	-1.18584	1.35608	1.47924	0.969615	1
cg00008800	L4R;L4R	0.339188	0.223177	1.31447	1.31447	0.760366	0.598349	-1.67127	0.512257	0.643329	-1.55407	0.150602	0.867414	1.15384	0.388327	1.43639	1.43639	0.507942	1.13481	1.13481	0.4814	1.2157	1.2157	0.760757	0.787678	-1.26955	0.863089	1.14853	1.14853	1.35635	13.3292	9.06301	1
cg02970735	PAC52;PAC52	0.339189	0.863344	0.925796	-1.08015	0.86828	0.928407	-1.07711	0.596026	0.787062	-1.27055	0.751535	1.15276	1.15276	0.206052	0.550479	1.8166	0.636747	0.808237	-1.23726	0.231219	1.75425	1.75425	0.763729	1.14444	1.14444	0.0314792	2.09274	3.09274	1.35607	4.30187	2.81983	1
cg13758147	USP19	0.339189	0.601474	0.69722	-1.43407	0.169722	0.872557	-1.17557	0.502361	0.733134	1.36434	0.760145	1.08864	1.08864	0.387939	0.774621	-1.29095	0.658823	0.588086	-1.70068	0.0647282	0.405153	2.467011	0.0655109	0.53855	1.85852	0.0148135	0.247572	4.04066	1.78867	1.17246	0.853346	1
cg23535261	PCGF5	0.339195	0.519773	0.847895	-1.17939	0.823127	0.946993	-1.05824	0.0280533	0.518868	-1.92727	0.968403	0.990043	-1.01006	0.113615	0.649545	-1.53954	0.501445	1.1883	1.1883	0.884061	0.963776	-1.03759	0.397251	0.839857	-1.19078	0.0357485	0.237983	0.734981	0.729781	-1.37093	1.35605	1.37323	0.90015	1
cg07591937	ZNF672	0.339196	0.636443	0.880823	-1.1353	0.0827114	1.66888	1.66888	0.179834	1.46181	1.46181	0.172272	0.678951	-1.47286	0.616568	0.87411	-1.14402	0.377929	0.785753	-1.27267	0.482215	1.20969	1.20969	0.828047	0.95969	1.05969	0.378319	1.2724	1.2724	1.35605	1.52554	0.99999	1
cg26293363	DES	0.339197	0.0426882	0.215084	-4.64923	0.0615066	0.493	-2.02859	0.125278	0.349249	-2.86286	0.174421	0.386136	-2.58976	0.0772621	0.2095	-4.7709	0.362756	0.540058	-1.85165	0.241137	0.747979	-1.34052	0.197576	0.407746	-2.45251	0.3562	0.178807	0.717246	1.17246	1		
cg01504212	ZNRD1;ZNRD1;NCRNA00171	0.339199	0.21073	0.458531	-2.18088	0.29533	0.526414	-1.89964	0.396576	0.598526	-1.67077	0.550807	0.699871	-1.42883	0.0312838	0.229682	4.35385	0.120653	0.369635	-2.70537	0.114822	0.362805	-2.7563	0.313381	0.53982	-1.85247	0.756279	0.83187	-1.20211	1.35604	7.508	4.92152	1
cg16490176	PLAU;C10orf55;PLAU	0.339201	0.565122	1.12766	1.12766	0.493591	0.391	-2.55623	0.0242883	0.177794	5.64095	0.69623	1.14791	1.14791	0.0157578	0.0813254	12.2963	0.140251	0.364566	-2.74274	0.1833	1.3833	1.3833	0.364641	1.22115	1.22115	0.3460974	1.22077	1.22077	1.35603	0.999163	0.999163	1
cg25127896	DNAL1;DNAL1	0.339202	0.947802	0.988813	-1.01131	0.625594	0.08817	1.08817	0.469614	1.13474	1.13474	0.64021	0.92316	-1.08324	0.333451	0.842467	-1.18699	0.108611	0.740289	-1.35082	0.132941	0.756873	-1.32123	0.575492	0.907362	-1.1021	0.129456	1.3251	1.3251	1.35603	0.6340801	0.415645	1
cg15039636	LY6D;SC	0.339204	0.152323	0.907827	-1.10204	0.694157	0.92876	-1.07595	0.127295	0.597868	-1.67259	0.447592	0.650074	-1.53839	0.487592	0.820734	-1.21868	0.684019	0.784992	-1.27391	0.441904	0.671122	-1.49004	0.0967202	0.671122	-1.4906	0.0965048	0.61228	-1.63324	1.35603	8.009055	5.25081	1
cg06233328	HERC2	0.339205	0.368779	0.41844	-2.41844	0.416622	1.32816	1.32816	0.151253	0.77016	-1.29779	0.744776	0.883649	-1.13167	0.763107	1.11948	1.11948	0.2503337	0.364376	-2.74442	0.575624	1.23909	1.23909	0.45323	1.33369	1.33369	0.1385265	0.810472	1.23385	1.35602	1.07066	0.720875	1
cg04155862	MGLL;MGLL;MGLL	0.339215	0.145333	0.401389	-2.49135	0.918532	0.942025	-1.06154	0.442955	0.63341	-1.57876	0.431485	0.625828	-1.59788	0.159916	0.416214	-2.40261	0.420464	0.618498	-1.61682	0.0252191	0.211485	-4.72847	0.237423	0.485532	-2.0596	0.266767	0.508942	-1.96486	1.356	7.31831	4.79732	1
cg19724183	HES3	0.339218	0.0782078	0.191295	-5.22852	0.174152	0.648	-1.54238	0.0582268	0.272404	-3.6719	0.0909329	0.576525	-1.7345	0.0855776	0.2482	-4.02863	0.576169	1.16219	1.16219	0.497152	0.504092	-1.98267	0.274221	0.506076	0.631848	-1.58366	0.599599	0.5839	1.35603	0.908005	0.52081	1
cg22164367	BMPER	0.339218	0.845031	0.842947	-1.18631	0.06524	0.09207	0.09207	0.051229	6.94604	6.94604	?	?	?	0.614225	1.55852	1.55852	0.823882	1.21483	1.21483	0.25729	2.80713	2.80713	0.845619	1.18553	1.18553	0.263961	0.7638	2.7638	1.35592	14.5284	10.7306	1
cg24059642	MIA3	0.339219	0.895323	1.03705	1.03706	0.802844	1.04682	1.03468	0.0225562	2.09722	2.09722	0.514665	1.20256	1.20256	0.376756	1.26812	1.26812	0.116933	0.61679	-1.62137	0.0401944	0.190	-5.26252	0.0426	0.376788	-2.65512	0.0482	0.0482	0.577709	1.17	1.17	1.35599	1.67353	1.04061	1
cg03473087	PIP4K2A	0.339236	0.353356	1.36548	1.36548	0.821373	0.852331	-1.17525	0.993928	0.55958	-1.78533	0.425964	0.776525	1.29	0.0163	1.0664	1.0664	0.976097	1.02058	1.02058	0.0748283	0.63525	-1.57475	0.0635	0.0604531	0.46391	-2.15551	0.227023	0.45009	-2.22209	1.35594	0.70257	0.70707	1
cg26558749	ANXRD38	0.339241	0.950786	1.02018	1.02018	0.864063	0.946053	-1.05702	0.2147	1.5261	1.5261	0.0761203	0.542478	-1.84839	0.415902	1.3088	1.3088	0.267432	0.515213	-1.94005	0.512417	0.806528	-1.23988	0.885512	0.954443	-1.04773	0.882555	0.049	1.049	1.35593	2.24927	1.47452	1
cg23781467	VAR5	0.339243	0.0746963	-1.22033	0.819115	0.29607	1.36067	1.36067	0.190196	1.39007	1.39007	0.514665	1.16519	1.16519	0.0501807	0.7725	-1.29411	0.462738	0.8308	-1.19606	0.446068	0.836705	1.19552	0.0402295	0.84092	-1.18939	0.0482761	0.048946	1.049	1.35592	1.07053	0.698946	1
cg17637877	HTR3B	0.339244	0.544366	0.689886	-1.44951	0.2541	0.0555	0.0555	0.362864	0.567899	-1.76088	0.200757	0.441501	-2.265	0.202006	0.446212	-2.25932	0.615274	1.35877	1.35877	0.213171	0.451712	-2.2138	0.110636	0.349322	-2.86269	0.229331	0.461628	-2.16625	1.35592	7.86086	5.15327	1
cg19307447	ZNF454	0.339247	0.601474	0.69722	-1.43407	0.169722	0.872557	-1.17557	0.502361	0.733134	1.36434	0.760145	1.08864	1.08864	0.387939	0.774621	-1.29095	0.658823	0.588086	-1.70068	0.0647282	0.405153	2.467011	0.0655109	0.53855	1.85852	0.0148135	0.247572	4.04066	1.78867	1.17246	0.853346	1
cg11205610	ZC3H3	0.339247	0.64021	0.785374	-1.2762	0.153242	0.20857	2.20857	0.131725	2.29293	2.29293	0.0816902	0.721721	2.71723	0.744184	0.843966	1.18488	0.258213	0.622519	0.942098	0.963065	-1.03835	0.515996	-2.40665	0.14065	0.855823	1.0988	1.09881	1.35591	0.7647	0.377879	1
cg07763737	EDC3;EDC3;EDC3	0.339251	0.202848	0.458871	-2.17926	0.2000063	0.456415	-2.19099	0.259699	0.505966	-1.97642	0.648415	1.30474	1.30474	0.0564836	0.286158	3.49458	0.712474	0.806956	-1.23922	0.748125	0.829705	-1.20525	0.236226	2.05275	2.05275	0.5145662	0.68184	-1.46662	1.3559	7.2101	4.72672	1
cg22747380	ELF1	0.339255	0.1266097	0.790222	-1.26532	0.45642	0.0552	-1.81158	0.0258548	0.175051	-5.71098	0.0258548	0.175051	-5.71098	0.0258548	0.175051	-5.71098	0.236526	0.740755	-1.35009	0.0744102	0.135839	-7.36165	0.116644	0.235739	-4.24197	0.288073	0.38688	-2.58478	0.16189	0.75376	0.4389	0.261448	1
cg08977887	MATN2;MATN2	0.339258	0.30225	0.624117	-1.60226	0.2598351	0.253017	-3.95231	0.120333	0.404041	-2.475	0.580471	0.740629	-1.3502	0.275952	0.5436	-1.83959	0.528233	0.709153	-1.41013	0.141495	0.427268	-2.34045	0.870006	1.09209	1.09209	0.98742	1.00852	1.00852	1.35588	6.21204	4.07248	1
cg12693975	TUSC4;CYB561D2	0.339263	0.044405	0.314633	-3.17536	0.881585	0.02732	-3.66145	0.0158	0.0158	-6.33287	0.0158	0.0158	-6.33287	0.0158	0.0158	-6.33287	0.548524	1.2172	1.2172	0.0158	0.0158	-6.33287	0.0158	0.0158	-6.33287	0.0158	0.0158	-6.33287	0.0158	-6.33287	1.35588	0.0158	0.0158	1
cg11009520	FAM86B1;FAM86B1	0.339265	0.112681	0.657503	-1.5209	0.501541	0.847352	-1.18015	0.782923	1.06936	1.06936	0.362925	1.27859	1.27859	0.167301	1.42969	1.42969	0.240194	1.34799	1.34799	0.238764	0.741107	-1.34933	0.455738	1.20258	1.20258	0.747074	1.08174	1.08174	1.35587	1.26622	0.830118	1
cg15087401	FNML3;FNML3	0.339268	0.64028	1.07056	1.07056	0.976106	0.941609	-1.06201	0.223136	0.83073	-1.20376	0.360991	0.872803	-1.14573	0.437806	0.891665	-1.1215	0.28309	1.75137	1.75137	0.33179	1.15538	1.15538	0.922728	1.01416	1.01416	0.0569767	1.36623	1.36623	1.35586	0.45072	0.295488	1
cg19143116	NAV2;NAV2;NAV2	0.339272	0.795791	1.04963	-1.02033	0.915115	0.90267	1.10867	0.0630196	1.39007	1.39007	0.514665	1.16519	1.16519	0.0501807	0.7725	-1.29411	0.461

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 2ST vs. N)	Fold-Change(537T vs. 2ST vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg03274794	C9orf51	0.33959	0.351114	0.816407	0.22488	0.0633209	0.643133	-1.55489	0.164057	0.730623	-1.1687	0.476637	0.858159	-1.16528	0.469361	0.855911	-1.16835	0.398099	0.8325	-1.2012	0.595436	0.13994	1.11994	0.154329	0.72449	-1.58208	0.0824879	0.665955	-1.50156	1.35501	0.9587781	0.628864	1
cg00211855	SDHA	0.33959	0.150727	1.44926	0.486213	1.185586	1.185586	0.573893	0.872065	-1.1467	0.678335	1.1057	1.1057	0.441829	1.20798	1.20798		?	?	?	1.107359	3.811331	3.81131	?	?	?	0.625772	1.4255	1.4255	1.45808	4.85126	4.15894	1
cg00476149	TRAP1	0.33959	?	?	?	0.259596	2.38208	2.38208	0.607624	0.688119	-1.45324	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
cg01385938	RAC1;RAC1	0.33959	0.0476887	2.45513	0.45513	0.469205	1.1392	1.3392	0.773844	0.12106	1.12106	0.152541	1.83637	1.83637	0.679258	1.1793	1.1793	0.29365	1.54045	1.54045	0.203797	1.70233	1.70233	0.0557963	2.362	2.362	0.435303	1.37124	1.37124	1.35498	3.376525	2.21485	1
cg09576532	RPRD2	0.33960	0.527384	1.13245	1.13245	0.699543	1.070823	1.07823	0.848419	0.963515	-1.03787	0.972826	1.00664	1.00664	0.220368	1.28438	1.28438	0.351958	1.20449	1.20449	0.121106	0.721456	-1.38609	0.990794	1.18625	1.18625	0.0568245	1.51998	1.51998	0.354908	0.809633	0.531134	1
cg21943797	I32	0.33961	0.109372	0.696293	-1.43638	0.613952	0.873026	-1.14544	0.870356	0.657235	-1.04468	0.41425	0.80027	-1.24958	0.53561	0.845883	-1.18231	0.257123	1.37126	1.37126	0.265432	0.73358	-1.36318	0.0324324	0.512471	-1.95133	0.441375	0.810923	-1.23316	1.35495	1.529317	1.00331	1
cg05663643	ZNRD1;ZNRD1;NCRNA00171	0.33961	0.337047	0.697236	-1.43424	0.381143	0.720872	-1.38721	0.803206	0.931039	-1.09524	0.392839	0.726922	-1.37566	0.377485	0.718962	-1.39089	0.929117	1.03295	1.03295	0.14739	0.567546	-1.76197	0.0287964	0.390846	-2.55855	0.110008	0.530092	-1.88647	1.35495	2.84883	1.86892	1
cg22401939	RASSF5;RASSF5;RASSF5	0.33962	0.703592	0.853001	-1.17509	0.254709	1.65192	1.65192	0.912429	1.04742	1.04742	0.0961248	0.462445	-2.16242	0.421805	0.707257	-1.41389	0.339986	0.660297	-1.51447	0.2922219	0.630506	-1.58603	0.0613283	0.410738	-2.43464	0.914004	1.037071	1.037071	1.35492	3.82271	2.50797	1
cg04932297	ASAH1;ASAH1;ASAH1	0.33936	0.788359	0.871371	-1.14762	0.0863641	0.979267	-1.26666	0.594065	1.3169	1.3169	0.359366	1.61974	1.61974	0.425283	0.503252	-1.51687	0.346634	0.68092	-1.64206	0.629814	1.28214	1.28214	0.0606692	0.338822	-2.9514	0.878634	1.08134	1.08134	1.35498	5.619339	3.68867	1
cg00658405	ADAMTSL5	0.33963	0.685793	1.20819	1.20819	0.206533	0.538214	-1.858	0.383782	0.660166	-1.51477	0.585016	1.29228	1.29228	0.981335	0.989181	-1.01094	0.175874	1.9527	1.9527	0.187399	0.522207	-1.91495	0.0970353	0.428745	-2.33239	0.597493	1.28116	1.28116	1.35488	4.63958	3.04387	1
cg00182207	HYDIN;HYDIN	0.33964	0.124211	0.176709	-5.66042	0.0350473	1.31307	1.31307	0.771811	1.3536	1.3536	0.377932	1.3898875	1.3898875	0.564993	0.0625255	0.105302	-9.49654	0.365537	0.379841	-2.63268	0.153641	1.370222	-2.70098	0.838764	0.808861	-1.23631	0.305896	0.131617	-3.01553	1.35485	23.2618	15.2615	1
cg23144649	COG5;COG5;COG5	0.33964	0.779804	1.27064	1.27064	0.232463	0.49553	0.494953	0.0425167	7.3606	7.3606	0.962243	0.13461	0.134611	0.818054	1.21766	1.21766	0.522405	1.74027	1.74027	0.331223	2.355555	2.355555	0.537067	1.706	1.706	0.454567	1.91742	1.91742	1.35485	15.6719	10.282	1
cg01012549	CCDC84;CCDC84	0.33968	0.504665	0.798108	-1.27696	0.152295	0.573994	-1.74245	0.422801	1.34495	1.34495	0.059256	2.15775	2.15775	0.175197	1.10894	1.10894	0.723512	1.13686	1.13686	0.567802	1.70045	1.70045	0.569639	1.23962	1.23962	0.46974	1.3042	1.3042	1.3548	2.79929	1.83997	1
cg20537507	MTERF	0.33967	0.0777073	0.573173	-1.74467	0.776968	0.922546	-1.08396	0.658373	1.5464	1.5464	0.134654	1.92445	1.92445	0.102729	1.13464	1.13464	0.922459	1.02729	1.02729	0.232303	0.70077	-1.427	0.442727	0.802597	-1.24596	0.0304651	0.485818	-2.05839	0.723847	0.904203	-1.10595	0.692616	0.803343	-1.11939	1.35479	1.72898	1.1344	1
cg23187255	FOXI1	0.33967	0.634352	0.813204	-1.2297	0.192848	0.551699	-1.81258	0.578138	1.27435	1.27435	0.796423	0.894435	-1.11802	0.0258918	0.386939	-2.58439	0.0770511	0.428087	-2.33598	0.0965981	0.107572	1.05772	0.18727	0.372984	1.27291	1.27291	0.426626	0.704472	-1.4195	1.35479	3.99613	2.6219	1
ch.9.3188618	BNC2	0.33973	0.905285	0.968858	-1.03264	0.0459771	0.544789	-1.83557	0.0636553	0.539493	-1.72505	0.422904	0.805053	-1.24215	0.431594	0.80447	-1.24394	0.533726	1.18271	1.18271	0.359514	0.77913	-1.28348	0.254051	0.728563	-1.37257	0.971072	0.99044	-1.00965	1.35479	1.50683	0.987991	1
cg25289803	AEBP1	0.33973	0.949041	0.986622	-1.01356	0.1814427	0.741593	-1.34845	0.0668833	1.5417	1.5417	0.117782	1.43038	1.43038	0.77086	0.940314	-1.06347	0.993427	1.00174	1.00174	0.491	0.862936	-1.15883	0.355408	1.2218	1.2218	0.941005	1.01572	1.01572	1.35478	0.952809	0.625149	1
cg15978639	MTX1;MTX3	0.33979	0.512361	1.39785	1.39786	0.0324941	1.53514	1.53514	0.285861	1.74881	1.74881	0.930174	0.956793	-1.04517	0.474995	0.693336	-1.4423	0.421887	1.51219	1.51219	0.952075	0.97371	-1.03017	0.285183	0.573455	-1.74992	0.590291	0.760339	-1.3152	1.35477	5.452	3.57556	1
cg01099051	BRP44L	0.33983	0.4415071	1.528316	-1.14763	0.0863664	1.21652	1.21652	0.2610808	0.520001	-1.92307	0.8012	0.8048214	-1.15113	0.754246	0.894908	-1.11809	0.513726	1.18271	1.18271	0.359514	0.77913	-1.28348	0.254051	0.728563	-1.37257	0.971072	0.99044	-1.00965	1.35479	1.50683	0.987991	1
cg21962013	ATP8A2	0.33989	0.326167	1.78459	1.78459	0.116977	2.64577	2.64577	0.882967	0.919285	-1.0878	0.446688	0.642022	-1.55758	0.364723	1.70255	1.70255	0.319224	1.80059	1.80059	0.0521626	3.53229	3.53229	0.248167	1.9932	1.9932	0.750163	0.833167	-1.20024	1.35474	7.00374	4.59537	1
cg09331640	SERP1;SERP1;EIF2A	0.33994	0.0389486	1.59125	1.59125	0.238862	0.156548	-1.9593	0.620794	1.30571	1.30571	0.607924	1.338989	1.338989	0.134924	0.760221	1.1394	?	?	?	1.812931	1.13519	1.13519	0.0402461	1.51126	1.51126	0.289835	1.79973	1.79973	1.35263	5.448819	4.02785	1
cg13636640	DNMT3B;DNMT3B;DNMT3B	0.33976	0.0830974	2.64104	2.64104	0.271523	1.78493	1.78493	0.904497	1.06234	1.06234	0.112772	0.588807	-1.69835	0.355889	0.618371	-1.61715	0.125216	0.431718	-2.31633	0.785779	1.14786	1.14786	0.0375273	0.746261	-1.34001	0.698924	1.2174	1.2174	1.35467	5.49663	3.6067	1
cg13684918	RGL2;RGL2;RGL2	0.33976	0.627463	1.082	1.082	0.375949	1.1577	1.1577	0.777415	1.04673	1.04673	0.448974	0.88257	-1.13305	0.447037	0.882586	-1.13303	0.0798699	0.731089	-1.36782	0.255266	0.825789	-1.21096	0.973225	1.00542	1.00542	0.119012	1.31348	1.31348	1.35467	0.557249	0.365648	1
cg17593625	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.33976	0.447411	0.773919	-1.29212	0.712866	1.13014	1.13014	0.322755	0.751796	-1.39705	0.797546	0.918437	-1.08881	0.154505	0.603856	-1.65602	0.468824	0.783536	-1.27627	0.533383	0.811563	-1.23219	0.113168	1.76936	1.76936	0.0904934	0.539368	-1.85402	1.35467	2.35034	1.54222	1
cg00615738	BCOR;BCOR	0.33978	0.173159	1.29703	1.29703	0.197887	1.07547	1.07547	0.782831	0.940651	-1.06444	0.255162	0.794885	-1.25864	0.0977443	0.511724	-1.95407	0.531726	1.18271	1.18271	0.359514	0.77913	-1.28348	0.254051	0.728563	-1.37257	0.971072	0.99044	-1.00965	1.35479	1.50683	0.987991	1
cg03363743	SLC6A4	0.33973	0.255174	2.94318	2.94318	0.118312	4.66873	4.66873	0.637809	0.649937	-1.53861	0.557523	1.6716	1.6716	0.315736	0.389618	-2.56662	0.319224	1.80059	1.80059	0.0521626	3.53229	3.53229	0.248167	1.9932	1.9932	0.750163	0.833167	-1.20024	1.35474	7.00374	4.59537	1
cg04413320	PCDH17	0.33976	0.3427	0.864974	-1.15655	0.684631	0.674169	-1.07889	0.642975	1.2711993	-1.40451	0.152252	0.714028	-1.40007	0.0582789	0.693336	-1.4423	0.421887	1.51219	1.51219	0.952075	0.97371	-1.03017	0.285183	0.573455	-1.74992	0.590291	0.760339	-1.3152	1.35477	5.452	3.57556	1
cg12057946	TMEM136	0.33975	0.877606	0.965594	-1.03563	0.21551	1.34468	1.34468	0.708405	1.08007	1.08007	0.28863	0.778602	-1.28435	0.789626	0.94106	-1.06263	0.0268881	1.81393	1.81393	0.84865	0.948108	-1.05473	0.515223	0.860791	-1.16172	0.971542	1.00814	1.00814	1.35457	1.10723	0.726581	1
cg04970117	SLC6A20;SLC6A20	0.33976	0.952866	1.03589	1.03589	0.09261	3.01618	3.01618	0.0769969	3.23172	3.23172	0.361488	0.571462	-1.7499	0.196917	2.25646	2.25646	0.669565	1.29185	1.29185	?	?	?	0.730582	1.229	1.229	0.339532	1.79897	1.79897	1.35245	6.77516	5.00954	1
cg03976764	TRMT6	0.33976	0.536482	0.807003	-1.24883	0.0703565	2.404242	-2.47777	0.0144314	0.805579	-1.24098	0.130513	0.970326	-1.03064	0.0729164	0.371056	2.69526	0.49892	0.783752	-1.27592	0.0944804	0.530754	-1.92025	0.0677952	0.883415	-1.13197	0.241253	0.640977	-1.54565	1.35454	2.70313	1.77386	1
cg16234557	EMX2OS	0.33976	0.207659	0.954333	-10.4785	0.210232	0.0968422	-10.3261	0.739576	1.80378	1.80378	0.975639	0.947438	-1.05548	0.0682607	0.0270542	-36.9629	0.0908772	0.037125	-26.936	0.132444	0.0566508	-17.652	0.415433	0.229498	-4.35733	0.357044	-1.18722	-5.33841	1.35454	67.0751	44.0167	1
ch.8.115747	PXDNL	0.33977	0.385531	1.401401	-1.14827	0.1484	1.32432	1.32432	0.52276	1.7469	1.7469	0.640359	1.56162	1.56162	0.385849	1.03816	-1.01836	0.0786615	1.70258	1.70258	0.39955	0.55121	1.5542108	-1.84465	0.0437	0.45091	-2.21774	0.6664878	0.640339	-1.56357	1.35428	3.62211	2.67511	1
cg21134506	TBCD	0.33978	0.109027	0.379517	-2.63493	0.239454	1.98366	1.98366	0.981919	0.987479	-1.01268	0.9062	0.936559	-1.06774	0.0514506	0.291373	3.43203	0.287232	0.540957	-1.84858	0.420407	0.632737	-1.58044	0.375119	0.603386	-1.66559	0.714958	0.815509	-1.22623	1.35453	6.63247	4.35244	1
cg10655371	CYP51A1;CYP51A1	0.33979	0.664756	1.13277	1.13272	0.294609	1.36416	1.36416	0.482387	0.815408	-1.22638	0.0603921	1.8318	1.8318	0.804112	1.07361	1.07361	0.176534	1.50779	1.50779	0.0605796	1.83079	1.83079	0.441868	1.25124	1.25124	0.51879	1.20557	1.20557	1.35453	1.75253	1.15007	1
cg09347306	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.33977	0.805355	0.947928	-1.05479	0.1487	1.16493	1.16493	0.312255	1.33175	1.33175	0.721955	1.08373	1.08373	0.0863575	2.28584	2.28584	0.0691018	1.76975	1.76975	0.0663128	2.71195	2.71195	0.0370979	-1.3567	0.960861	0.02615	1.61013	1.35453	0.94622	0.631216	0.396253	1
cg23670932	FAM43A	0.33978	0.97357	1.01164	1.01164	0.791829	0.911755	-1.09679	0.4137	0.746887	-1.33889	0.174233	1.65665	1.65665	0.423673	0.751725	1.33027	0.716309	1.13594	1.13594	0.31594	0.696201	-1.43637	0.0467813	2.21449	2.21449	0.529406	0.8005501	-1.24922	1.35449	2.61661	1.71715	1
cg26885166	EML1	0.33981	0.35385	1.39406	1.39406	0.183456	1.64566	1.64566	0.532806	1.25306	1.25306	0.671646	1.8202038	1.2192	0.0966888	0.845127	1.18316	0.9062	1.09395	1.09395	0.422139	0.914955	-1.68309	0.0403027	0.51004	-1.96059	0.134848	0.527926	0.896385	-1.01659	1.35448	2.57926	1.69366	1
cg24460884	PGCP	0.33978	0.0668654	6.6125	6.6125	0.0693003	2.00698	2.00698	0.189911	3.58431	3.58431	0.532102	1.78943	1.78943	0.238757	1.321585	3.10959	0.3710174	3.2678	3.2678	0.12418	0.544251	-1.83739	0.815594	1.68353	3.68353	0.816361	1.23849	1.23849	1.35448	18.1359	11.9019	1
cg11905892	ZNF366	0.33979	0.208797	0.691463	-1.44621	0.168754	0.664762	-1.5043	0.763808	0.91951	-1.08754	0.762799	1.08794	1.08794	0.495002	1.21282	1.21282	0.0832892	1.70554	1.70554	0.426795	1.25351	1.25351	0.420065	1.25784	1.25784	0.317087	1.33374	1.33374	1.35448	1.66335	1.09159	1
cg20530111	NECW2	0.33979	0.493171	1.71882	1.71882	0.0935315	1.84566	1.84566	0.532806	1.25306	1.25306	0.671646	1.8202038	1.2192	0.0966888	0.845127	1.18316	0.9062	1.09395	1.09395	0.422139	0.914955	-1.68309	0.0403027	0.51004	-1.96059	0.134848	0.527926	0.896385	-1.01659	1.35448	2.57926	1.69366	1
cg26257669	TMEM132A;TMEM132A	0.33979	0.802613	0.929071	-1.07634	0.694935	0.98717	-1.013	0.875044	1.04731	1.04731	0.421053	1.27308	1.27308	0.503921	1.00291	1.00291	0.328648	1.34467	1.34467	0.0124252	2.49395	2.49395	0.952363	0.983605	-1.0177	0.487339	2.32032	1.23032	1.35446	4.185085	1.21466	1
cg22980722	PFKL;PFKL	0.33979	0.0743023	1.49155	1.49155	0.114847	1.34332	1.34332	0.422276	1.74669	1.74669	0.133848	2.759904	2.759904	0.0358573	0.683052	0.931	0.0495403	1.70461	1.70461	0.364684	2.74527	2.74527	0.0324403	1.4949	1.4949	0.132419	1.32435	1.32435	1.35445	1.886579	1.39855	1
cg06656651	GPR143	0.33980	0.615817	1.49632	1.49632	0.442847	0.536195	-1.86499	0.797685	0.814957	-1.22706	0.150713	0.293222	-3.41039	0.0757065	0.207054	-4.82965	0.275056	2.47084	2.47084	0.23491	2.69583	2.69583	0.662178	1.41934	1.41934	0.747313	1.29369	1.29369	1.35443	13.6109	8.93256	1
cg00539106	HIBADH;FKBP5;FKBP5;FKBP5	0.33980	0.089402	0.617529	-1.61936	0.0999747	0.567845	-1.03122	0.0705168	0.685308	-1.45905	0.0581636	0.576074	-1.73589	0.828268	0.945615	-1.05751	0.559312	0.870504	-1.14876	0.621905	0.610334	1.63896	-1.1365	0.0224704	0.831596	-1.20293	0.155047	0.627349	-1.59371	1.35443	5.141	3.693842	1
cg20148669	CLEC3A	0.33985	0.536615	1.0781559	1.0781559	0.0460916	0.525037	0.70557	0.950042	0.969662	-1.03129	0.658702	1.24429	1.24429	0.360439	0.613065	-1.63155	0.124073	0.409332	-2.44294	0.291498	0.583808	-1.71288	0.87453	0.925242	-1.0808	0.354403	0.748603	-1.33604	1.35442	0.51868	0.340354	1
cg04091768	NDST1	0.33981	0.169559	1.2851	1.2851	0.286244	0.827091	-1.20906	0.259022	1.22368	1.22368	0.397917	1.15994	1.15994	0.0963179	1.36754	1.36754	0.0802774	1.39461	1.39461	0.428775	1.14852	1.14852	0.667451	1.07691	1.07691	0.464585	1.13609	1.13609	1.35442	0.6303442	0.413686	1
cg05934406	KIF2;KIF2;KIF2	0.33983	0.3080704	1.24883	1.0730565	0.404242	-2.47777	0.0144314	0.805579	-1.24098	0.130513	0.970326	-1.03064	0.0729164	0.371056	2.69526	0.49892	0.783752	-1.27592	0.0944804	0.530754	-1.92025	0.0677952	0.883415	-1.13197	0.241253	0.640977	-1.54565	1.35454	2.70313	1.77386	1
cg16234557	EMX2OS	0.33976	0.207659	0.954333	-10.4785	0.210232	0.0968422	-10.3261	0.739576	1.80378	1.80378	0.975639	0.947438	-1.05548	0.0682607	0.0270542	-36.9629	0.0908772	0.037125	-26.936	0.132444	0.0566508	-17.652	0.415433	0.229498	-4.35733	0.357044	-1.18722	-5.33841	1.35454	67.0751	44.0167	1
cg21210693	C9orf50	0.33982	0.793448	0.833248	-1.20012	0.56158	0.664952	-1.50387	0.977225	0.98035	-1.02004	0.193171	0.6269	0.6269	0.292056	0.467677	-2.13823	0.770943	1.22501	1.22501	0.210668	2.50159	2.50159	0.048916	4.77437	4.77437	0.359229	1.92583	1.92583	1.3544	10.3669	6.80382	1
cg07945548	KLHL25	0.33983	0.903726	1.07591	1.07591	0.0946801	0.329345	-3.03613	0.0995186	0.33566	-2.97921	0.445391	1.6006	1.6006	0.381936	0.58646	-1.70515	0.639622	1.32997	1.32997	0.982455	1.0134	1.0134	0.948367	1.53058	1.53058	0.232424	2.16371	2.16371	1.35439	7.84277	5.47323	1
cg13539851	KRI1	0.33983	0.910323	0.935623	-1.08883	0.0533151	1.65641	1.65641	0.304854	1.86758	1.86758	0.7967	1.16471	1.16471	0.287384	0.520796	-1.92014	0.154242	1.47798	1.47798	0.811856	1.15123	1.15123	0.532751	1.383659	-2.60648	0.691786	1.26533	1.26533	1.35438	7.482	4.9105	1
cg07791866	MT1G	0.33936	0.0514937	15.7512	13.7512	0.39257	3.55004	-2.81687	0.186475	5.23806	5.23806	0.167028	1.666826	1.666826	0.410395	0.369586	-2.70573	0.873993	0.8289	-1.20642	0.80689	0.748584	-1.33586	0.716117	1.54007	1.54007	0.153121	0.15952	6.15952	1.35435	29.9885	19.6821	1
cg27102649	SERPINF1	0.33937	0.287523	0.97949	-1.02071	0.71493	1.14187	1.14187	0.632252	1.12765	1.12765	0.691199	1.1203	1.1203	0.0497262	2.04307	2.04307	0.0652169	1.69597	1.69597	0.240402	2.67302	2.67302	0.0274892	1.35097	1.35097	0.240402	1.54538	1.54538	1.35429	2.85824	1.72227	1
cg09533390	FAM19A1	0.33937	0.922807	1.04524	1.04524	0.328766	0.631195	-1.5843	0.690157	0.832832	-1.20072	0.121384	2.15254	2.15254	0.840483	1.09636	1.09636	0.524823	0.745138	-1.34203	0.0463958	2.83353	2.83353	0.342706	1.56245	1.56245	0.472569	1.39588	1.39588	1.35435	4.47008	2.93381	1
cg08886790	ACOXL	0.33940	0.120134	1.47232	1.47232	0.955315	0.882044	-1.0119	0.452344	1.1751	1.1751	0.123358	1.42224	1.42224	0.26619	0.754732	-1.32497	0.705624	0.929338	-1.08338	0.938821	0.969393	-1.03163	0.144025	1.39268	1.39268	0.58682	0.8905653	-1.12277	1.35434	0.955258	0.626961	1
cg03287761	DIP2C	0.33945	0.348188	0.695713	-1.43737	0.361237	1.42271	1.42271	0.221833	0.617337	-1.61986	0.926804	0.966073	-1.03512	0.0195699	0.346547	2.88561	0.524669	0.784922	-1.27401	0.89073	0.940676	-1.05299	0.701	0.867797	-1.15234	0.703405	0.866154	-1.15453	1.35433	3.02675	1.98655	1
cg18923740	NBL1;NBL1 PECR;TMEM169;TMEM169;TMEM169;	0.33946	0.213841	0.55468	-1.80284	0.208984	0.550825	-1.81546	0.296952	1.62729	1.62729	0.195751	0.540058	-1.85165	0.240224	0.574823	-1.73967	0.829014	0.907204	-1.10229	0.0679184	0.398245	-2.51102	0.263444	0.591592	-1.69035	0.474179	0.720544	-1.38784	1.35433	4.34904	2.85442	1
cg21785847	TMEM169	0.33948	0.303463	0.777939	-1.28545	0.456026	1.59585	1.59585	0.196285	1.37976	1.37976	0.629712	1.12126	1.12126	0.194411	0.72367	-1.38184	0.152887	1.43428	1.43428	0.596267	1.19434	1.19434	0.162897	1.42038	1.42038	0.332609	1.26551	1.26551	1.35432	1.19055	0.781398	1
cg21337717	HRK	0.33946	0.0849344	1.97915	1.97915	0.302707	0.566946	-1.76384	0.19074	0.664805	-1.5046	0.588446	0.5884	-1.69944	0.0450094	0.244454	-4.09057	0.0945398	0.964248	1.03708	0.874788	0.921337	-1.08538	0.157972	0.204163	-4.90595	0.0863381	0.194377	-5.14264	1.35432	26.0335	19.2321	1
cg10794550	ALKBH6;ALKBH6	0.33965	0.560472	0.783902	-1.27567	?	?	0.0479669	2.5475	2.5475	0.999766	0.99988	-1.00012	0.858174	1.07679	1.07679		0.251871	1.64066	1.64066	0.752672	1.13969	1.13969	0.29705	0.63944	-1.56387	0.213832	1.71837	1.71837	1.35217	3.25657	2.40841	1
cg25538340	LPIN1	0.33968	0.645279	0.900732	-1.11021	0.221285	1.33642	1.33642	0.082666	1.54265	1.54265	0.53628	1.15172	1.15172	0.865407	1.039	1.039	0.614543	0.891783	-1.12135	0.0683831	1.58442	1.58442	0.780207	0.938853	-1.06513	0.415111	0.828713	-1.20669	1.35427	1.09115	0.716186	1
cg24281697	KIAA0564	0.33968	0.2686284	1.465177	-1.46236	0.305264	0.546524	-1.82792	0.278997	1.83538	1.83538	0.324752	0.788997	0.788997	0.183933	1.28728	1.28728	0.0607737	1.64578	1.64578	0.607551	1.24026	1.24026	0.806262	1.36371	1.36371	0.733407	1.24482	1.24482	0.548587	1.3963	1.3963	1.35427	7.80006	5.11966	1
cg08660281	MIER1;MIER1;MIER1;MIER1;MIER1	0.33974	0.433942	0.824787	-1.21243	0.738972	1.08402	1.08402	0.846834	1.04776	1.04776	0.429767	1.21465	1.21465	0.116875	0.66299	-1.50832	0.919392	0.975874	-1.02472	0.0471728	0.578131	-1.72971	0.847255	0.95454	-1.04762	0.299981	1.29581	1.29581	1.35425	1.24845	0.819446	1
cg14744

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg13508865	DYNLT1	0.340144	0.553096	1.19565	0.159653	1.360675	0.792966	-1.26109	0.111706	0.652054	1.153362	0.935551	1.02016	1.020016	0.06614	1.66333	1.66333		0.926963	1.02289	1.02289	0.245557	0.740951	1.34062	0.585452	1.14564	1.14564	0.885163	1.03632	0.108632	0.13354	1.30636	0.857905	1
cg25345738	PWP1	0.34015	0.209573	0.516625	-1.93564	0.390228	0.64424	-1.55222	0.77997	0.86948	-1.15011	0.870559	0.921786	-1.08485	0.245434	0.545138	-1.8344		0.06303949	0.352039	-2.8406	0.109808	0.418729	-2.38818	0.096093	0.401463	-2.49088	0.728662	1.18996	1.18996	1.35352	5.34636	3.51108	1
cg02799880	DOCK9;DOCK9;DOCK9;DOCK9	0.340158	0.937032	1.04583	1.04583	0.6459917	0.308079	-3.24592	0.867757	1.09913	1.09913	0.374761	1.67648	1.67648	0.34922	0.578942	-1.72729		0.2128394	0.47519	-2.10442	0.352281	0.581066	-1.72097	0.830473	0.885501	-1.1293	0.182827	2.22941	2.22941	1.3535	6.89555	4.52854	1
cg17076780	TTBK1	0.340159	0.773998	1.11204	1.11204	0.5634462	2.218012	2.218012	0.212098	1.62386	1.62386	0.436091	1.345737	1.345737	0.691328	0.863115	-1.15859		0.2014479	0.608025	-1.64467	0.779546	0.901674	-1.10905	0.187917	1.67311	1.67311	0.9550308	0.709405	2.102303	1.3535	2.93636	1.91527	1
cg13227780	RALBP1	0.340162	0.3588	0.807157	-1.23892	0.205253	1.35451	1.35451	0.437432	0.835395	-1.19704	0.129146	1.45107	1.45107	0.602647	0.905095	-1.10486		0.885575	0.967836	-1.03323	0.110101	1.48496	0.194188	1.36596	1.36596	0.744168	1.07718	1.07718	1.35349	1.10503	0.725718	1
cg06038342	RASA3	0.340171	0.360986	1.93728	1.93728	0.147583	0.329988	-3.03042	0.247518	0.422011	2.36961	0.919632	0.9423	-1.06123	0.216485	2.5295			0.237234	2.41948	2.41948	0.427438	1.78274	1.78274	0.704805	0.762171	-1.31204	0.1977	2.64205	2.64205	1.35347	10.9043	7.16794	1
cg19356346	SLC17A8;SLC17A8	0.340176	0.348189	0.758064	-1.31915	0.375439	0.770378	-1.29806	0.0372196	0.499791	-2.00084	0.819365	0.936507	-1.0678	0.0690178	0.557938	-1.79231		0.665188	0.882614	-1.133	0.185128	0.6683	-1.49633	0.829662	1.06374	1.06374	0.346448	0.75726	-1.32055	1.35345	1.76296	1.15783	1
cg20209754	C21orf33;C21orf33	0.340184	0.629159	1.1849	1.1849	0.672752	2.26609	2.26609	0.790354	1.11836	1.11836	0.146649	2.836536	2.836536	0.250728	0.447924	-2.2252		0.857853	0.880942	-1.12747	0.102058	0.301946	-3.31185	0.344597	2.23582	2.23582	0.831545	0.866844	-1.15361	1.35343	9.59913	6.30408	1
cg08626653	C7orf51	0.340186	0.1182769	1.31829	1.31829	0.10316	3.403444	3.403444	0.336045	2.286947	5.28647	0.377902	1.4723	1.4723	0.480143	0.610714	-1.63743		0.911596	1.07929	1.07929	0.411697	0.561756	-1.78013	0.764499	0.814974	-1.22703	0.856606	0.883141	-1.13232	1.35343	0.72788	0.645618	1
cg13212803	WNT10B	0.340189	0.419848	2.18163	2.18163	0.100864	5.47785	5.47785	0.188969	3.73286	3.73286	0.158262	4.16875	4.16875	0.58812	1.67785	1.67785		0.883408	0.870326	-1.14899	0.44002	2.10714	2.10714	0.982464	1.02102	1.02102	0.0366181	0.95977	0.959777	1.35342	19.2015	12.611	1
cg21798948	FANCE	0.340196	0.126232	1.77707	1.77707	0.035975	2.121847	2.121847	0.220403	1.22118	1.22118	0.662934	1.5966	1.5966	0.0104242	2.63552			0.571794	1.00069	1.00069	0.985593	0.979759	1.02089	0.928315	0.979005	1.02089	0.928315	1.11169	1.3534	0.494757	0.324942	1
cg13229318	ZNF783	0.340197	0.049738	0.314706	-3.17757	0.186167	0.262154	2.06254	0.50252	0.703637	-1.42159	0.958734	1.0271	0.7261	0.189	0.854735	-1.16955		0.165785	0.466074	-2.14558	0.921977	1.15019	1.12199	1.245644	0.534088	-1.87235	1.3534	5.71842	3.75576	1
cg09029948	ELMO1	0.340206	0.242964	0.375804	-2.66094	0.658029	0.141827	1.42877	0.306682	2.33415	2.33415	0.427582	0.526239	-1.9112	0.0387994	0.47124	-2.12243		0.108707	0.549851	-1.81867	0.891841	1.04679	1.04679	0.953476	0.980252	-1.02015	0.714973	1.13358	1.13358	1.35336	2.50505	1.64532	1
cg20008951	LONP1 PQBP1;PQBP1;TIMM17B;PQBP1;PQBP1;PQBP1 ;PQBP1;TIMM17B;PQBP1;PQBP1;PQBP	0.340211	0.970163	0.987295	-1.01287	0.50997	1.2567	1.2567	0.111021	0.552369	-1.81038	0.81813	1.08193	1.08193	0.0576758	0.480097	-2.08291		0.108707	0.549851	-1.81867	0.891841	1.04679	1.04679	0.953476	0.980252	-1.02015	0.714973	1.13358	1.13358	1.35336	2.50505	1.64532	1
cg27403913	LPQBP1 CHORDC1;CHORDC1;CHORDC1;CHORD C1	0.340219	0.182365	0.247975	-4.03267	0.987215	0.984337	-1.01591	0.954756	1.05749	1.05749	0.0710867	7.29049	7.29049	0.485072	2.01176	2.01176		0.208522	0.270815	-3.69256	0.184465	0.249834	-4.00266	0.83403	1.22965	1.22965	0.938214	1.07938	1.07938	1.35334	20.8073	13.6664	1
cg10363578	C1	0.340227	0.650846	1.39071	1.39071	0.0503294	0.198894	-5.02781	0.557363	1.5366	1.5366	0.910605	1.0847	1.0847	0.636501	0.708497	-1.41144		0.617754	1.49336	1.49336	0.251232	0.419887	-2.38159	0.100522	0.271902	-3.67779	0.330426	0.483359	-2.06885	1.35332	11.2315	7.37707	1
cg03942086	PRDM16;PRDM16	0.340232	0.131781	0.525574	-1.90268	0.261148	1.58945	1.58945	0.145103	1.85656	1.85656	0.901552	1.05015	1.05015	0.419121	0.721492	-1.38602		0.389887	1.4168	1.4168	0.343739	0.679998	-1.47059	0.764523	0.887996	-1.12613	0.258448	0.627353	-1.594	1.35331	3.35122	2.20118	1
cg17335199	LOC150622	0.340233	0.1159164	1.37059	1.37059	0.0784422	0.894109	-1.1519	1.3539	0.604007	0.667184	-1.49884	0.824864	1.54545	0.254145	0.643367	-1.55406	0.282623	0.643385	0.69837	-1.43506	0.282623	2.4367	2.4367	0.0393661	6.33874	6.33874	0.776321	0.801974	1.24692	1.3533	12.8652	8.4502	1
cg05362521	PUSL1	0.340234	0.630461	1.07263	1.07263	0.446237	0.893772	-1.11885	0.442752	0.892972	-1.11986	0.765208	0.957603	-1.04427	0.384147	0.878909	-1.13777		0.216015	1.20724	1.20724	0.0363708	1.42175	1.42175	0.799541	0.963862	-1.03749	0.492496	1.10609	1.10609	1.3533	0.448433	0.294544	1
cg15728237	DCLK1	0.340235	0.12408	0.679035	1.72703	0.0745458	0.56158	0.56158	0.0140258	0.640736	0.640736	0.0238553	0.742734	0.742734	0.346838	0.575388	0.780478	-1.28066	0.1655	1.6105	1.6105	0.0360973	0.65105	0.65105	0.0196401	0.555242	1.55542	0.14418	0.519281	1.13574	1.3533	0.72945	0.546619	1
cg13041032	MMP13	0.340237	0.177608	0.676797	-1.47755	0.113647	0.625615	-1.59843	0.422272	0.799832	-1.25026	0.831194	1.05989	1.05989	0.661485	1.12756	1.12756		0.800441	0.933313	-1.07145	0.0635972	1.76522	1.76522	0.860838	0.953313	-1.04897	0.688158	0.895894	-1.1162	1.35329	1.59125	1.04519	1
cg21065262	MYO1B;MYO1BA	0.340245	0.434961	1.47554	1.47554	0.0765563	2.61712	2.61712	0.299971	1.68972	1.68972	0.265465	1.76247	1.76247	0.374893	1.56014	1.56014		0.635503	1.26261	1.26261	0.372159	0.639247	-1.56434	0.709148	0.832783	-1.20079	0.0714003	2.67333	2.67333	1.35327	5.11166	3.35756	1
cg14356550	KLHDC7A	0.340246	0.170599	0.466256	-2.14443	0.482293	1.34314	1.34314	0.170814	2.03688165	0.459568	2.34745	1.5669	1.5669	0.0127344	2.77749			0.603663	1.08297	-1.2456	0.0974959	0.554938	-1.83845	0.763392	1.13485	1.13485	0.763003	2.47173	2.47173	1.35327	3.76303	2.47173	1
cg26709343	NIP7;COG8	0.340247	0.914938	1.0577	1.0577	0.421596	1.53887	1.53887	0.0563348	0.321542	-3.11002	0.195549	0.487368	-2.05184	0.0759132	0.354474	-2.82108		0.325053	0.586504	-1.70502	0.449091	0.666974	-1.49931	0.838431	0.898349	-1.11315	0.847753	0.904008	-1.10619	1.35327	5.90857	3.88102	1
ch.17.12127519R	LOC401463	0.340253	0.119346	0.654408	1.53534	0.1072524	0.784503	1.27485	0.865387	0.680313	-1.46091	0.995538	0.984884	-1.04475	0.154793	0.688355	-1.83999		0.092948	0.625238	1.5993	0.402589	0.848573	-1.1784	0.540389	0.842553	-1.18687	0.42881	1.34838	1.34838	0.757373	1.35327	0.925011	1
cg26754448	C12orf57	0.340256	0.180917	0.647514	-1.54437	0.114275	1.69143	1.69143	0.0661967	1.86052	1.86052	0.33129	1.35891	1.35891	0.56506	0.837553	-1.19395		0.864042	1.05183	1.05183	0.663064	0.874481	-1.14354	0.893057	1.04201	1.04201	0.733981	1.11	1.11	1.3533	2.00617	1.31778	1
cg14593550	C12orf57	0.340272	?	?	?	?	0.34598	0.590467	-1.69357	0.721638	1.21433	1.21433	0.48292	1.47267	1.47267	0.121768	2.48565	2.48565	0.245453	1.93373	1.93373	0.257321	0.52639	-1.89973	0.38609	0.617352	-1.61982	0.313975	0.568202	-1.75994	1.35107	5.60462	4.1483	1
cg01333713	C10orf20	0.340279	0.542062	0.923129	-1.08574	0.220994	0.805252	1.24157	0.573573	0.742676	1.34626	0.47037	1.07037	1.07037	0.8499999	1.02556	1.02556		0.815881	1.03158	1.03158	0.81346	0.29742	-3.36155	0.179988	0.841368	-1.18854	0.0656883	1.31603	1.31603	1.35318	0.38075	0.25011	1
cg13717736	NCCA2	0.340286	0.693448	1.17712	1.17712	0.398076	1.42782	1.42782	0.7519	0.877616	-1.19345	0.518199	1.34098	1.34098	0.631686	1.21993	1.21993		0.690285	1.17923	1.17923	0.0271664	0.345852	-2.89381	0.925992	1.39738	1.39738	0.302277	1.55176	1.55176	1.35316	3.63105	2.38522	1
cg25100364	SEPT6;SEPT6;SEPT6;SEPT6	0.340287	0.203316	0.379045	-2.63925	0.207825	1.54428	1.54428	0.0870966	1.98602	1.98602	0.291644	1.7915568	1.7915568	0.814822	0.604927	-1.54209	0.588737	0.604927	0.654283	-1.52865	0.588737	0.88537	0.88537	0.910661	1.07781	1.07781	1.35315	0.38504	0.25384	1
cg14727880	RRAGA	0.340294	0.0740611	0.741678	-1.34829	0.495514	0.901324	-1.10948	0.535382	0.910077	-1.09881	0.203446	1.22326	1.22326	0.654365	1.06999	1.06999		0.527402	0.908351	-1.1009	0.315287	0.855667	-1.16868	0.92574	1.01409	1.01409	0.172534	1.24366	1.24366	1.35314	1.48255	0.317256	1
cg22607760	SLC22A16	0.340294	0.786642	1.151	1.151	0.920055	0.15341	0.15341	0.193064	0.488695	-2.04207	0.059556	0.332137	-3.0108	0.915956	0.05787	1.05787		0.143106	0.442326	-2.26078	0.158648	0.457939	-2.1837	0.69191	1.12929	1.12929	0.232803	0.522819	-1.91271	1.35314	5.57588	3.78239	1
cg20368285	GPC2	0.3403	0.123862	0.645883	1.54827	0.0728425	0.54628	0.54628	0.0139956	0.680557	-1.46831	0.502511	0.844541	1.18405	0.0205612	3.77469			0.174515	0.705259	1.41792	0.0852006	0.306252	-3.26455	0.0663777	0.503292	1.98611	0.0262953	0.0104	0.893473	1.03292	1.61059	0.252565	0.822882	1
cg02303386	MLKL;MLKL	0.340302	0.117431	0.543082	-1.84134	0.203163	0.617381	-1.61975	0.842283	0.930977	-1.07414	0.193623	0.610296	-1.63855	0.0264988	0.388939	2.5711		0.601182	0.827506	-1.20845	0.853875	1.06843	1.06843	0.598135	0.826169	-1.21041	0.506027	0.784859	-1.27411	1.35312	2.76212	1.81448	1
cg12607602	RASA3	0.340305	0.475726	1.89466	1.89466	0.100412	2.727257	2.69355	0.622809	1.44795	1.44795	0.447436	1.42836	1.42836	0.149898	0.4242	-2.34631		0.228807	0.497108	-2.01155	0.0729535	0.783172	1.27651	0.783172	1.16615	1.16615	0.0429535	0.64117	1.55972	0.0429535	0.64117	1.55972	1.3531	0.42901	0.297011	1
cg06025216	ADCY9	0.34307	0.695194	1.24583	1.24583	0.165377	0.437831	-2.28399	0.0364591	0.257399	-3.88501	0.699745	0.80548	-1.2415	0.406503	1.6063			0.33902	1.57689	-1.73343	0.185098	0.45635	-2.1913	0.659002	0.780443	-1.28132	0.936412	0.956438	1.04555	1.35311	6.67726	4.38645	1
cg23178706	SSBP2	0.340315	0.316426	1.22501	1.22501	0.634759	1.09831	1.09831	0.123162	0.720898	-1.38716	0.085462	0.688989	-1.4514	0.882855	0.971521	-1.02931		0.428266	0.853447	-1.17172	0.0945565	0.697619	-1.43345	0.692815	0.925149	-1.08091	0.742945	0.937549	-1.06661	1.35309	0.822834	0.540547	1
cg06157388	TMEM45B	0.340316	0.228015	1.78394	1.78394	0.0164427	1.56546	1.56546	0.0648899	1.93702	1.93702	0.197587	2.38036	2.38036	0.0149898	4.2422	-1.34631		0.543477	0.920844	1.08594	0.555116	0.76639	-1.30462	0.497108	0.710545	1.40745	0.272747	1.16541	1.16541	1.35309	0.385333	0.253139	1
cg15474272	BTBD2	0.340317	0.30646	1.18342	1.18342	0.634663	0.926686	-1.07911	0.357387	1.1557	1.1557	0.6802259	1.38411	1.38413	0.299728	1.18642	1.18642		0.136858	0.734099	-1.29032	0.375015	1.11584	1.11584	0.740802	1.05422	1.05422	0.726702	0.945715	-1.0574	1.35308	0.542178	0.356177	1
cg18780100	RPTOR;RPTOR	0.340325	0.586802	1.20113	-1.38473	0.354628	1.54428	1.54428	0.0870966	1.98602	1.98602	0.291644	1.7915568	1.7915568	0.814822	0.604927	-1.54209	0.588737	0.604927	0.654283	-1.52865	0.588737	0.963829	1.01114	0.691028	1.09104	1.09104	0.756548	1.35308	0.822855	0.541372	1
cg25545394	C19orf60;C19orf60	0.340323	0.38605	1.30247	1.30247	0.428557	0.786349	-1.2717	0.758109	0.912227	-1.09622	0.0183668	2.34182	2.34182	0.574309	1.18387	1.18387		0.423289	1.27535	1.27535	0.948173	1.01952	1.01952	0.348264	1.33268	1.33268	0.499566	1.22608	1.22608	1.35307	1.8953	1.24511	1
cg19544961	LOC401463	0.340353	0.731518	0.926094	-1.07961	0.372624	0.784503	1.27485	0.865387	0.680313	-1.46091	0.995538	0.984884	-1.04475	0.154793	0.688355	-1.83999		0.092948	0.625238	1.5993	0.402589	0.848573	-1.1784	0.540389	0.842553	-1.18687	0.42881	1.34838	1.34838	0.757373	1.35307	0.925011	1
cg22313278	TRO;TRO;TRO	0.340355	0.256687	0.70913	2.07911	0.139313	0.729331	-2.67429	0.479545	0.641217	-1.55954	0.809558	1.16099	1.16099	0.490942	0.702815	-1.53949		0.651679	1.32441	1.32441	0.332646	0.949538	-1.05314	0.864156	0.487746	-2.05025	0.0808802	1.31051	1.31051	1.35298	8.191	5.58136	1
cg17727492	ASNSD1	0.340358	0.781548	0.948955	-1.05379	0.13729	1.3521	1.3521	0.788421	1.052	1.052	0.657591	0.919447	-1.08761	0.882957	1.02815	1.02815		0.648154	1.09045	1.09045	0.108803	0.719177	-1.39048	0.258692	0.800822	-1.24872	0.127398	1.36439	1.36439	1.35297	0.761224	0.500116	1
cg17232661	TRIM10;TRIM10 C18orf1;C18orf1;C18orf1;C18orf1;C18	0.340359	0.558317	1.29013	1.29013	0.870015	0.5589	1.29013	0.0471831	0.6418083	-2.26345	0.622388	1.18942	1.18942	0.307588	1.38902	1.38902		0.653716	1.11094	1.11094	0.767981	0.899282	-1.112	0.848111	0.905187	-1.0693	0.38297	2.61692	2.61692	1.35295	1.72929	1.27	1
cg00737976	orf1;C18orf1	0.340359	0.689351	0.923658	-1.08383	0.0196631	0.568612	-1.75867	0.646178	0.911556	-1.09703	0.914924	0.97882	-1.02164	0.661229	0.91545	-1.09236		0.0986095	0.695699	-1.4374	0.522068	0.87811	-1.1381	0.218314	0.775511	-1.29636	0.937887	0.984508	-1.01574	1.35297	0.859078	0.564997	1
cg05733361	PDE8A;PDE8A	0.340367	0.904269	0.981733	-1.01861	0.140728	0.784436	-1.2748	0.427808	0.883361	-1.13204	0.771899	0.956439	-1.04555	0.0522794	1.40246	1.40246		0.383351	0.871996	-1.14679	0.406646	0.878032	-1.13891	0.287998	0.844486	-1.18415	0.581392	0.918212	-1.08907	1.35295	0.503083	0.330526	1
cg02200717	RNAS7	0.34037	0.28388	0.70266	-1.42316	0.742846	1.10999	1.10999	0.147058	0.605196	-1.65236	0.256802	1.45521	1.45521	0.864935	1.05544	1.05544		0.114469	1.72316	1.72316	0.892789	0.558158	-1.04367	0.995534	1.00178	1.00178	0.157648	1.61431	1.61431	1.35294	2.15283	1.41442	1
cg14199394	WNT9B	0.34037	0.577915	1.15178	1.15178	0.370825	1.54458	1.54458	0.0842292	1.94599	1.94482	0.346525	1.44675	1.44675	0.090344	1.56426	1.56426		0.229378	1.77428	1.77428	0.0145435	0.832707	1.20099	0.432964	0.683725	1.46375	0.0145435	0.832707	1.20099	1.3529	4.63875	3.04768	1
cg22901100	USP49	0.340371	0.609742	0.852892	-1.17248	0.0147337	2.52891	2.52891	0.830027	1.0687	1.0687	0.709103	1.12279	1.12279	0.639017	1.15723	1.15723		0.947159	0.979722	-1.0207	0.177783	1.55682	1.55682	0.582105	1.18743	1.18743	0.8104498	1.07708	1.07708	1.35294	2.04711	1.34496	1
cg13940941	GTF2IRD1;GTF2IRD1	0.340374	0.744957	1.10138	1.10138	0.174964	0.652607	-1.53232	0.157879	0.653273	-1.53076	0.947816	0.980822	-1.01955	0.758378	0.918234	-1.09549		0.027923	0.461765	-2.1656	0.750485	0.988844	1.00884	0.417872	0.78297	-1.27751	0.0139344	0.728784	-1.37215	1.35292	1.87571	1.2321	1
cg00261665	NUDT16	0.34038	0.446261	1.31641	1.31645	0.643694	0.847936	-1.17933	0.572616	1.22373	1.22373	0.691926	0.868453	-1.15147	0.843475	0.07252	1.07252		0.537037	1.24777	1.24777	0.381916	0.721975	-1.39179	0.0303593	0.46306	2.46306	0.148181	1.73208	1.73208	1.35292	2.68725	1.76557	1
cg00437864	BANP;BANP	0.34039	0.767424	1.1399	1.1399	0.439098	1.41681	1.41681	0.723891	1.16952	1.16952	0.150993	1.97279	1.97279	0.0560326	0.384603	-2.60008		0.931267	0.96263	-1.03882	0.50088	0.766118	-1.30528	0.18193	1.86925	1.86925	0.743184	1.86489	-1.15622	1.35289	4.17651	2.74409	1
cg08449076	TSC2;TSC2;TSC2	0.340394	0.750034	1.07125	1.07125	0.278703	1.12101	1.12101	0.216007	1.528	1.528	0.134217	1.82988	1.82988	0.0512354	1.48638	1.48638		0.938316	1.02937	1.02937	0.611251	1.12141	1.12141	0.97807	1.01034	1.01034	0.309131	1.67446	1.67446	1.35288	2.80932	1.97066	1
cg01435442	CHSY1	0.340396	0.161669	0.253667	-3.94217	0.857003	1.18005	1.18005	0.460043	0.99261	1.99261	0.718373	0.717517	-1.3937	0.139286	0.232123	-4.30805		0.23087	0.351491	-3.16966	0.0527144	0.132473	-7.54869	0.941723	1.06941	1.06941	0.327595	0.395513	-2.52836	0.3287	18.0516	11.8606	1
cg15472071	FBLN1	0.340403	0.797229	1.08666	1.08666	0.5139	0.657385	-1.48155	0.315264	0.736906	-1.35702	0.318679	0.655575	-1.52566	0.315597	0.788179	-1.26795		0.759967	1.1687	1.1687	0.376	0.666328	-1.50076	0.287204	0.483972	-2.06718	0.0749655	0.740578	-1.35035	0.3285	1.34301	0.882147	1
cg02247561	ZNF80B;ZNF80B	0.340412	0.28273	1.16722	1.16722	0.85255	0.974554	-1.02611	0.931481	1.01198	1.01198	0.198971	0.828592	-1.20687	0.044267	1.37727	1.37727		0.494344	1.10091	1.10091	0.370071	1.136	1.136	0.565901	1.08371	1.08371	0.197487	1.2077	1.2077	1.35283	0.41518	0.270169	1
cg10778978	INTS3	0.340413	0.430805	0.585309	-1.4592	0.80938	0.892641	-1.12027	0.346223	0.633905	1.57745	0.651845	-1.53411	0.616297	0.251491	1.976923			0.220368	0.545785	-1.83222	0.442567	0.703685	-1.42109	0.862086	1.08514	1.08514	0.270618	0.583317	-1.71433	1.35283	4.73179	3.10907	1
cg04983687	ZFPM1	0.340414	0.932084	1.07352	1.07352	0.628825	1.62128	1.62128	0.0842292	1.94599	1.94482	0.346525	1.44675	1.44675	0.090344	1.56426	1.56426		0.229378	1.77428	1.77428	0.0145435	0.832707	1.20099	0.432964	0.683725	1.46375	0.0145435	0.832707	1.20099	1.3528	2.64681	1.83107	1
cg17448127	RPL34;LOC285456;RPL34	0.3442	0.0575805	0.0865786	-11.5502	0.498191	2.18908	2.18908	0.8101	1.3156	1.3156	0.626647	0.572035	-1.74814	0.684967	0.628311	-1.59157		0.912422	1.13355	1.13355	0.319225	3.23116	3.23116	?	?	0.138902	0.14092	6.14092	1.35067	24.6848	18.276	1
cg17833341	SHC1;SHC1;CKS1B;CKS1B	0.340428	0.805434	0.960926	-1.04116	0.185953	1.24751	1.24751	0.20082	1.23185	1.23185	0.776047	0.956019	-1.0457	0.0756318	1.32132	1.32132		0.776644	0.965102	-1.03601	0.0758496	0.728565	-1.37256	0.873443	1.02546	1.02546	0.290781	1.18873	1.18873	1.35282	0.553821	0.3501	1
cg21210985	GNE;GNE	0.340432	0.321729	0.730848	-1.36827	0.992409	1.00292	1.00292	0.621358	0.858563	-1.16474	0.688964	0.884055	-1.13115	0.93424	0.97504	1.0256		0.016663	0.408466	-2.44819	0.230523	0.680261	-1.47002	0.646148	1.15211	1.15211	0.747778	1.10387	1.10387	1.3528	2.01	1.32072	1
cg12907598	PHF13	0.340423	0.626096	0.866449	-1.15414	0.268997	1.39947	1.39947	0.356332	0.758073	-1.31913	0.800409	0.92871	-1.07676	0.14405	0.632423	-1.58122		0.386671	1.29572	1.29572	0.0658764	0.547449	-1.82666	0.873843	1.04671	1.04671	0.285995

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change|1 vs. 1047 vs. N)	p-value|1057 vs. N)	Fold-Change|1 vs. 1057 vs. N)	Ratio|1117 vs. N)	Fold-Change|1 vs. 1117 vs. N)	p-value|1127 vs. N)	Fold-Change|1 vs. 1127 vs. N)	p-value|1217 vs. N)	Fold-Change|1 vs. 1217 vs. N)	p-value|1221 vs. N)	Fold-Change|1 vs. 1221 vs. N)	p-value|3477 vs. N)	Ratio|3477 vs. N)	p-value|3537 vs. N)	Fold-Change|1 vs. 3537 vs. N)	p-value|5377 vs. N)	Ratio|5377 vs. N)	Fold-Change|1 vs. 5377 vs. N)	p-value|5637 vs. N)	Ratio|5637 vs. N)	Fold-Change|1 vs. 5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg05208895	GNB2	0.340364	0.407226	1.58962	1.58952	0.6365538	3.77397	3.77397	0.061679	3.15966	0.155062	3.21527	2.115327	0.681076	1.25345	1.25345	0.90917	0.939652	-1.06424	0.939029	0.939639	-1.04206	0.5128309	1.43738	1.43738	0.972383	1.018379	1.01879	1.35217	6.39898	4.20657	1
cg09271065	PARP4	0.340677	0.661877	1.14913	1.14913	0.7092624	0.540408	1.85045	0.485396	0.799369	-1.25099	0.268576	0.694896	-1.43906	0.542418	0.8230515	1.21504	0.341362	0.733664	-1.36302	0.122369	1.697	0.970682	0.988458	-1.01168	0.4220119	1.29574	1.29574	1.35213	2.1368	1.40473	1
cg05590294	CD69;CD69;CD69	0.340678	0.305936	1.91984	1.91984	0.8341171	0.878979	-1.13768	0.389207	0.581028	-1.72109	0.270287	2.02646	2.02646	0.710744	0.795162	-1.25761	0.364464	1.77431	1.77431	0.586823	1.40163	1.40163	0.0275101	4.97324	4.97324	0.410626	1.67819	1.67819	1.35213	8.10768	5.32999	1
cg18739217	BA1; PCDHGA4;PCDHGA2;PCDHGB2;PCDHG AS;PCDHGA1;PCDHGB1;PCDHGA5;PCD	0.340679	0.985841	0.9915532	-1.00854	0.376211	1.54527	2.541427	0.194271	1.79973	2.779457	0.722439	1.722395	2.885286	0.586316	-1.70556	0.0781427	0.9914528	-2.55475	0.301148	0.598447	-1.67099	0.731087	0.847616	-1.17978	0.465239	0.700359	-1.42784	1.32213	4.91826	3.23326	1
cg14738170	HGA3 ARHGAP3;ATXN2L;ATXN2;ATXN2L;ATXN	0.34068	0.245986	3.40871	3.40871	0.5459583	9.02194	9.02194	0.592229	1.72712	1.72712	0.31311	2.8706	2.8706	0.784911	0.75843	-1.31851	0.436569	2.23041	2.23041	0.491315	0.493361	-2.02691	0.1173O1	5.58133	5.58133	0.170841	4.36638	4.36638	1.35212	21.8758	14.3812	1
cg12360373	ZL	0.340687	0.999373	1.00013	1.00013	0.354907	0.850685	-1.17552	0.822931	0.962632	-1.03882	0.812165	0.960356	-1.04128	0.0347791	1.5191	1.5191	0.498965	1.1237	1.1237	0.256534	0.817719	-1.22291	0.238721	1.23328	1.23328	0.827732	1.03773	1.03773	1.35211	0.618306	0.406481	1
cg17128505	PTPN2;PTPN1;PTPRN2	0.340687	0.854907	1.07726	1.07726	0.9886575	1.00579	1.00579	0.169382	1.81343	1.81343	0.644593	0.827904	-1.20787	0.636192	0.823971	1.5191	-1.21363	0.279451	0.633069	-1.57961	0.0276162	0.346814	-2.88339	0.774718	0.889875	-1.12375	0.535391	0.774762	-1.29072	1.3521	3.54005	2.32727	1
cg20730734	PDE7A;PDE7A	0.34069	0.612518	1.07265	1.07265	0.7944355	0.992081	-1.00792	0.992081	1.062319	1.062319	0.899281	1.133886	1.133886	0.229256	0.861689	-1.16044	0.992468	1.00138	1.00138	0.016599	1.53098	1.53098	0.537289	1.86073	1.86073	1.077973	1.03313	1.0332	1.3521	0.453847	0.298366	1
cg10302026	FKRP;FKRP;STRN4;STRN4	0.340691	0.249572	0.1149729	-1.22029	0.179865	1.26574	1.26574	0.173508	1.20772	1.20772	0.69649	1.067	1.067	0.744546	1.05558	1.05558	0.440405	0.877945	-1.13902	0.222014	0.808687	-1.23657	0.604723	1.09023	1.09023	0.163108	1.27927	1.27927	1.35209	0.58614	0.385338	1
cg25081205	FYD1	0.340696	0.750854	1.34214	1.34424	0.6424362	0.441196	-2.26557	0.0620687	0.448953	-2.22951	0.30923	0.663243	-1.50774	0.231167	0.61258	-1.63244	0.346467	0.684787	1.46031	0.312702	0.6718551	-1.48842	0.612308	1.22984	1.22984	0.555511	0.792418	1.26196	1.35208	3.30934	2.14343	1
cg09935766	C7orf31	0.340699	0.88809	1.0982O7	-1.01193	0.0972361	0.857839	-1.16572	0.90822	1.00976	-1.00976	0.151388	0.922374	-1.08416	0.948855	1.00542	1.00542	0.596158	1.04609	1.04609	0.994188	0.999387	-1.00061	0.321417	0.917312	-1.09034	0.054774	1.20146	1.20146	1.35207	0.152002	0.0999302	1
cg10231427	TBC1D	0.340701	0.809841	1.24592	1.24592	0.087198	0.178623	-1.59839	0.0478135	0.126962	-7.87636	0.413627	1.24315	0.813441	1.21175	1.21175	0.920874	0.913363	-1.09485	0.98512	1.01716	1.01716	0.898292	0.88991	-1.12371	0.329844	2.50218	2.50218	1.35207	17.8137	11.7112	1
cg14103872	OLFML2A	0.340703	0.114587	1.244139	-4.88766	0.2282671	0.591677	-1.69013	0.463725	0.542334	-1.84392	0.255651	0.377757	-2.64749	0.0635009	0.180522	3.5349	0.344214	-2.90517	0.128377	0.259637	-3.85153	0.0864266	0.211197	-4.73043	0.408785	0.499993	-2.00003	1.35206	14.4153	9.47644	1
cg07522664	C19orf61;C19orf61	0.340705	0.270032	0.532093	-1.87937	7	7	0.142421	2.3882	2.3882	0.612333	1.32227	1.32227	0.220944	0.492667	-2.02977	0.408831	0.629526	-1.5885	0.175733	2.21112	2.21112	0.586319	0.740499	-1.35044	0.648757	1.28482	1.28482	1.38402	5.68519	3.59427	1
cg01465762	GLA;HNRNPH2;HNRNPH2	0.340706	0.109128	0.160955	-6.2109	0.950195	0.936778	-1.06749	0.379772	0.889832	-2.56517	0.286056	0.662564	-1.50934	0.652174	0.60754	-1.64591	0.0475508	0.0935351	-10.6912	0.353886	0.29434	1.20434	0.901031	0.878026	-1.15892	0.889662	1.15711	1.15711	1.35205	23.4076	15.389	1
cg06443503	LRRC47	0.340708	0.129737	0.8323239	-1.20014	0.775335	0.968612	-1.03241	0.876842	1.01746	-1.01746	0.477297	0.921836	-1.08479	0.368057	0.180522	5.5349	0.228871	0.86871	-1.15113	0.574794	0.938778	-1.06521	0.622624	0.946213	-1.05684	0.0322923	0.757248	-1.32057	1.35205	0.266011	0.174886	1
cg12536279	EPS8L2	0.340714	0.279406	0.337852	-2.95988	0.0184347	0.0633681	-15.7808	0.111234	0.187459	-5.33449	0.655257	0.648146	-1.54286	0.270132	0.330205	-3.02842	0.711692	0.698919	-1.43078	0.522664	0.5351161	-1.8686	0.412809	0.445764	-2.24334	0.663638	0.655568	-1.5254	1.35203	19.9393	13.109	1
cg13613210	ZNF367	0.340722	0.119372	0.745473	-1.34143	0.2094	0.462411	-2.16259	0.0620119	0.324611	-3.07957	-1.08949	0.505574	0.889224	-1.12408	0.0652492	0.697971	-1.43293	0.760662	1.05454	0.954367	0.6869311	-1.45575	0.965265	0.96426	-1.0076	0.272041	0.819785	-1.21983	1.35201	0.646824	0.425259	1
cg19427325	RNF222	0.34073	0.148423	0.194578	-5.13934	0.48198	2.12695	2.12695	0.547584	0.525896	-1.90152	0.47495	0.464286	-2.15385	0.224624	0.274926	-3.63735	0.700351	1.50435	1.50435	0.043671	0.0865041	-11.5602	0.166191	0.210321	-4.75463	0.703088	0.665447	-1.50275	1.35199	23.8786	15.6994	1
cg07562055	RPL32;RPL32	0.340731	0.0594046	5.829776	5.02406	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.702442	1.3216	1.3216	0.0478565	0.1668399	-1.49611	0.939549	1.06526	1.06526	0.468356	0.23017	0.58766	1.35198	0.0622	0.0409	1
cg11454334	ARID3A	0.34074	0.300942	0.708451	-1.41153	0.136929	1.67401	1.67401	0.482009	1.25835	1.25835	0.090072	1.82352	1.82352	0.414047	0.7645515	-1.30802	?	?	?	0.790308	1.08948	1.08948	0.572993	0.832639	-1.201	0.520663	0.811089	-1.23291	1.3498	1.96513	1.44587	1
cg05096321	SGCE;PEG10;SGCE;PEG10;SGCE	0.340741	0.296617	1.14631	1.14631	0.16224	1.20596	1.20596	0.548356	1.07965	1.07965	0.237562	0.855440	-1.16898	0.349603	1.12919	1.12919	0.692454	1.05144	1.05144	0.0360209	1.36035	1.36035	0.789351	1.03416	1.03436	0.599806	1.06909	1.06909	1.35196	0.340939	0.224161	1
cg09131135	SLC44A1;SUPT7L	0.340743	0.34983	0.823865	-1.21527	0.143739	1.07218	1.07218	0.934346	0.883442	-1.13183	0.442573	1.21908	1.21908	0.407395	1.25356	-1.27885	0.540293	1.13382	1.13382	0.0756625	1.21908	1.21908	0.407395	1.25356	-1.27885	0.540293	1.13382	1.13382	1.35195	0.878775	0.577779	1
cg07959742	MAT1A	0.340762	0.194785	0.388155	-2.57629	0.171787	0.366503	-2.72849	0.039064	0.192435	-5.19657	0.411179	0.559981	-1.78577	0.448072	0.586554	-1.70487	0.213924	0.405371	-2.46688	0.461462	0.59612	-1.67751	0.57763	1.47426	1.47426	0.682562	1.32808	1.32808	1.35191	10.1942	6.70277	1
cg09234378	C15orf38	0.340768	0.353846	0.682272	-1.46569	0.119819	0.508424	-1.96686	0.735894	1.36	1.36	0.145123	1.14533	1.14533	0.823884	0.873127	-1.14511	0.0939204	2.09451	2.09451	0.0535434	1.16608	1.16608	0.857403	0.790674	-1.26155	0.305138	1.53054	1.53054	1.35189	3.43968	2.26164	1
cg12092090	CACNA1A;CACNA1A	0.340768	0.340521	0.569616	-1.75557	7	7	0.226481	0.480385	0.207016	0.958461	1.03209	1.03029	0.813248	0.873197	1.14522	1.14522	0.912969	1.55479	1.55479	0.107199	0.365134	-2.73872	0.726868	1.07719	1.01719	0.364052	1.70468	1.70648	1.34973	2.23791	4.62161	1
cg09480647	FOXI1	0.340768	0.442585	0.766071	-1.30536	0.847621	1.06767	1.06767	0.411477	1.33088	1.33088	0.314103	1.42533	1.42533	0.310374	0.699577	-1.42943	0.855785	0.939955	-1.06388	0.137754	1.72291	1.72291	0.259491	0.67006	-1.4924	0.109241	1.81201	1.81201	1.35189	2.48054	1.631	1
cg06881050	RPS4X	0.340769	0.825261	1.209853	1.20985	0.5258221	0.781205	-1.28001	-1.49182	0.917058	1.0646694	-1.03232	0.573108	0.8404425	-1.18962	0.0476102	2.0984	0.637256	0.529185	-1.88967	0.40425	0.770603	-1.29769	0.331695	0.754196	-1.32642	0.31589	0.90608	0.90608	1.35186	1.30242	0.963189	1.31246	1
cg26445292	CACNB4;CACNB4;CACNB4	0.34077	0.10128	0.250399	-3.99363	0.503101	0.6895	0.6895	0.861331	1.14446	1.14446	0.361744	2.0616	2.0616	0.681057	1.37567	1.37567	0.0493793	0.177139	-5.64529	0.859177	1.14689	1.14689	0.93432	1.06567	1.06567	0.384886	1.502825	-1.98876	1.35189	12.7512	8.38412	1
cg11708118	MLF2;MLF2	0.340772	0.0594046	5.829776	5.02406	7	7	0.287381	3.48271	3.482754	0.192955	1.37293	1.37293	0.192955	0.659665	-1.52202	0.287381	0.5556005	1.80042	1.80042	0.0122234	1.80042	1.80042	0.0122234	-1.09621	0.912377	1.02158	1.02158	0.722818	0.938837	0.938837	1.35185	0.437785	0.287857	1
cg21037773	RFX1	0.34078	0.284326	1.17238	1.17238	0.8298827	0.969692	-1.03126	0.872867	1.02316	1.02316	0.756651	1.04545	1.04545	0.70288	1.05633	1.05633	0.380969	1.13712	1.13712	0.04333	0.717263	-1.39419	0.150757	1.24633	1.24633	0.615151	0.930081	-1.07518	0.35186	0.437785	0.287857	1
cg03823722	PITPNM1	0.340792	0.548991	0.895897	-1.1162	0.995035	1.00113	1.00113	0.982923	1.00389	1.00389	0.608312	1.09824	1.09824	0.428874	1.15768	1.15768	0.595046	1.10214	1.10214	0.0301123	0.629288	-1.58784	0.174729	1.29913	1.29913	0.710328	1.06998	1.06998	1.35183	0.703658	0.462668	1
cg05627256	FAM173B;CCT5	0.340801	0.0270795	3.693154	3.69315	0.1474397	0.575408	-1.73781	0.581909	0.826043	-1.21056	0.288675	0.818866	-1.22146	0.0610077	0.72545	-1.37855	0.507884	1.97058	1.97058	0.0048154	2.2807	2.2807	0.438552	-1.7431	0.679829	0.862848	-1.15895	0.65668	1.17237	1.17237	0.35178	2.70528	1.77981	1
cg25452717	RPS6KA6	0.34081	0.0912648	0.139146	-7.18668	0.496289	2.08026	2.08026	0.91865	1.11442	1.11442	0.249869	3.57923	3.57923	0.255926	3.51681	3.51681	0.165905	0.208716	-4.79119	7	7	7	0.773164	1.35861	1.35861	0.788946	1.32909	1.32909	1.34961	21.364	15.8297	1
cg11403874	UPF2	0.340812	0.552465	0.849155	-1.17762	0.6129	0.915296	-1.09259	0.81529	0.533766	1.88355	1.88355	0.881855	1.13407	0.857514	1.16635	1.16635	0.653753	1.53086	1.53086	0.0553727	1.53086	1.53086	0.653753	1.77708	1.77708	0.562744	1.29138	1.29138	1.35184	4.40952	2.91383	1
cg25845158	DDAH2	0.340819	0.671858	0.871861	-1.14697	0.106921	0.761797	1.76197	0.145317	0.165413	1.65413	0.671453	0.949294	-1.05341	0.753807	1.10656	1.10656	0.514861	1.23682	1.23682	0.0290234	1.42357	1.42357	0.400886	1.31397	1.31397	0.31576	1.21742	1.45813	1.35183	2.01742	1.45813	1
cg04867509	PHF12;PHF12	0.34083	0.744131	0.95804	-1.0438	0.653192	1.06099	1.06099	0.314531	1.14583	1.14583	0.333069	1.13961	1.13961	0.519213	0.80929	1.08929	1.08929	0.0205228	1.44095	1.44095	0.854284	1.02435	1.02435	0.959178	0.993323	-1.00672	0.130884	1.238	1.238	1.35173	0.366735	0.241163	1
cg05639720	AS810;AS810;AS810	0.340836	0.0830864	0.141647	-7.06101	0.81072	0.856255	-1.16757	0.0914257	0.106205	1.20452	0.0896197	0.944021	-1.05931	0.0957753	1.04385	1.04385	0.65177	1.53397	1.53397	0.0553727	1.53397	1.53397	0.653753	1.77708	1.77708	0.562744	1.29138	1.29138	1.35184	4.40952	2.91383	1
cg18372600	KIAA1217;KIAA1217;KIAA1217	0.340842	0.941776	1.0878	1.01878	0.374422	0.792763	-1.26141	0.127821	0.658217	-1.51925	0.534078	0.851796	-1.17399	0.598	1.14515	1.14515	0.647119	1.12457	1.12457	0.0507654	1.76283	1.76283	0.850301	0.953012	-1.0493	0.34821	0.781913	-1.27891	1.3517	1.38902	0.913432	1
cg26864395	RUNX3	0.340845	0.491174	1.0824	1.0824	0.7911271	1.47471	1.47471	0.382754	1.19295	1.19295	0.644182	1.2501	1.2501	0.464175	1.2501	1.2501	0.542324	1.13382	1.13382	0.0756625	1.21908	1.21908	0.407395	1.25356	-1.27885	0.540293	1.13382	1.13382	1.35183	0.878775	0.577779	1
cg01840740	AIRE	0.340847	0.240936	0.723556	-1.38206	0.158226	0.148828	1.48828	0.203147	0.70181	-1.42489	0.591998	1.15327	1.15327	0.63119	1.13597	1.13597	0.426132	1.23886	1.23886	0.207463	1.41959	1.41959	0.343839	0.77335	-1.29308	0.384139	0.790405	-1.26517	1.35168	1.4873	0.978076	1
cg09539720	TANC1;TANC1	0.340849	0.263994	0.59581	1.59581	0.7531331	0.836194	-1.19601	0.66644	1.23781	1.23781	0.0861542	2.91881	2.91881	0.0158162	1.45177	1.45177	0.106272	2.71736	2.71736	0.0076947	3.34932	3.34932	0.0042052	4.10095	4.10095	0.0312017	1.76428	1.76428	1.35168	6.88956	4.55071	1
cg00157796	FNDC1	0.340865	0.465733	3979	2.07926	0.563137	-1.77577	0.232988	1.58511	1.58511	0.631473	1.30364	1.30364	-1.42174	0.160077	0.450925	2.21767	0.571975	0.27283	-1.26935	0.913237	0.15041	1.05041	1.05041	0.949405	1.21096	2.11796	0.969182	0.982718	1.01759	1.35167	0.458385	2.86047	1
cg03098361	RFC2;RFC2	0.340852	0.742328	1.04941	1.04941	0.537706	0.912814	-1.09551	0.309184	0.8574	-1.16632	0.220571	1.20716	1.20716	0.244936	1.19459	1.19459	0.387498	0.878547	-1.13824	0.434631	1.1236	1.1236	0.713924	0.947599	-1.0553	0.0618452	1.35992	1.35992	1.35167	0.457485	0.300852	1
cg03649307	BIF2	0.340853	0.824352	1.20985	1.20985	0.258821	0.380599	-2.56806	0.0637	0.505355	-1.97954	0.231466	0.763613	-1.31217	0.0651804	0.71027	-1.40838	0.637256	0.529185	-1.88967	0.40425	0.770603	-1.29769	0.331695	0.754196	-1.32642	0.31589	0.90608	0.90608	1.35167	1.30242	0.963189	1.31246	1
cg12017631	MAD1L1;MAD1L1;MAD1L1	0.340856	0.196202	0.461208	-2.16822	0.704095	1.24325	1.24325	0.606129	0.743214	-1.34551	0.185073	0.448443	-2.22994	0.0201834	0.202186	4.94595	0.312416	0.55088	-1.81528	0.539445	0.701505	-1.42551	0.63388	0.760501	-1.31492	0.423176	0.627019	-1.59485	1.35166	0.96972	0.58348	1
cg18195290	DIP2C	0.340858	0.25151	0.592994	-1.53515	0.542239	1.12226	1.12226	0.624099	0.897273	-1.11449	0.609516	1.10499	1.10499	0.0737056	0.679511	-1.47165	?	?	?	0.302534	1.28891	1.28891	0.665053	1.03234	1.03234	0.348428	1.20652	1.20652	1.34948	0.715955	0.537858	1
cg12135760	MAGEL2	0.340858	0.448388	0.930932	-1.07453	0.477278	0.859868	-1.16297	0.296404	1.25383	1.25383	0.657098	1.09784	1.09784	0.101256	1.45488	1.45488	0.407448	0.83774	-1.19369	0.306974	1.24728	1.24728	0.155104	1.52183	1.52183	0.127568	1.37423	1.37423	0.520773	1.87284	1.44568	1.35165	0.934504	0.634559	1
cg05554457	LRRC31	0.340861	0.999598	0.999885	-1.00012	0.331645	1.25793	1.25793	0.177566	1.38858	1.38858	0.394447	1.2212	1.2212	0.0776925	0.638124	-1.56709	0.378166	0.812893	-1.23017	0.609436	0.912366	-1.09605	0.492159	1.17331	1.17331	0.263253	1.3063	1.3063	1.35165	1.12361	0.738926	1
cg15014069	FOXK2	0.340865	0.979573	1.00527	1.00527	0.9572017	0.791274	-1.26248	0.270994	0.829048	-1.20627	0.304045	0.829727	-1.20487	0.0450155	0.830277	-1.20483	0.489807	1.15178	1.15178	0.367918	1.32004	1.32004	0.757578	1.24924	1.24924	0.800577	1.15178	1.15178	1.35163	0.708384	0.474132	1
cg04477431	BAT4	0.340877	0.195801	0.587189	-1.70303	0.18234	0.576471	-1.73469	0.317422	1.49512	1.49512	0.913071	0.958392	-1.04341	0.16509	0.561981	-1.77942	0.700717	0.860449	-1.16218	0.171172	0.567196	-1.76306	0.108019	0.505376	-1.97872	0.688741	1.16965	1.16965	1.3516	3.24224	2.13227	1
cg13452156	SBP1	0.340881	0.620231	0.750845	-1.33183	0.0591781	1.58719	1.58719	0.188746	2.30462	2.30462	0.639608	0.753693	-1.32681	0.676243	0.797393	-1.25435	0.113613	0.381763	-2.61943	0.484607	1.13433	1.13433	0.844607	1.12479	1.12479	0.725019	0.80816	-1.23585	1.35158	7.6958	5.60125	1
cg23645479	KIAA0895L	0.340889	0.912298	0.976238	-1.02434	0.0820229	1.52755	1.52755	0.121146	1.44318	1.44318	0.255057	1.29613	1.29613	0.386962	1.2358	1.2358	0.511245	1.864645	-1.15654	0.267548	1.77663	1.77663	0.386512	1.29196	1.29196	0.969182	0.982718	1.01759	1.35167	0.458385	2.86047	1
cg01952226	GRHL2	0.340894	0.981993	1.01153	1.01153	0.419257	0.657551	-1.52079	0.188528	0.492758	-2.02939	0.194998	0.845844	-2.24294	0.621648	0.776701	-1.2875	0.708686	1.21004	1.21004	0.0587256	2.95832	2.95832	0.650219	1.26099	1.26099	0.714527	0.829761	-1.20517	1.35156	5.52365	3.63278	1
cg20196129	ZEB1;ZEB1;LOC220930;ZEB1;ZEB1;ZEB1	0.3409	0.139654	1.83115	1.83115	0.412231	0.730612	-1.36872	0.826709	0.921194	-1.08555	0.850327	1.07328	1.07328	0.351606	1.43174	1.43174	0.257595	1.55629	1.55629	0.643721	0.839543	-1.19112	0.224996	1.61142	1.61142	0.0555526	2.25305	2.25305	1.35154	3.00022	1.9732	1
cg08865099	EVX1	0.340905	0.183098	0.47405	-2.11005	0.5455	1.07051	1.07051	0.486373	1.23577	1.23577	0.438439	1.03992	1.03992	0.0880441	1.7366	1.7366	0.0339701	1.56041	1.56041	0.0175113	2.06208	2.06208	0.0196078	-1.1	1.01	0.662256	0.35153	0.64592	0.264312	0.62256	0.353153	0.37036	0.24435	1
cg09071889	STMN2;STMN2	0.340908	0.827311	0.949967	-1.05267	0.743313	1.08026	1.08026	0.83414	1.05049	1.05049	0.239041	1.336	1.336	0.375598	1.23934	1.23934	0.223814	1.35019	1.35019	0.120949	0.673623	-1.48451	0.0996794	0.654484	-1.52792	0.882199	1.03545	1.03545	1.35152	0.184153	0.777023	1
cg01672380	CNO	0.340909	0.215232	2.18258	2.18258	0.601003	1.37123	1.37123	0.481887	1.53371	1.53371	0.203892	2.12117	2.12117	0.163733	1.4545	1.4545	0.2284	1.82089	-1.23017	0.60436	0.912366	-1.09605	0.492159	1.17331	1.17331	0.263253	1.3063	1.3063	1.35165	1.12361	0.738926	1
cg16442812	SETMAR;SETMAR;SETMAR	0.340911	0.136717	1.07627	1.07627	0.905357	1.05388	1.05388	0.802441	1.24545	1.24545	0.641663	1.81722	1.81722	0.0139454	1.50834	1.50834	0.801651	1.17771	1.17771	0.201358	1.81974	1.81974	0.0405047	1.42858	1.42858	0.540403	1.31614	1.31614	1.34814	2.49184	1.35562	1
cg25405138	PARD3	0.340915	0.728889	0.92707	-1.07867	0.358093	1.23239	1.23239	0.200993	0.745336	-1.34168	0.366794	0.817277	-1.22358	0.518431	1.15313	1.15313	0.28259	1.27506	1.27506	0.0488163	1.63177	1.63177	0.594384	1.12408	1.12408	0.990236	1.02067	1.02067	1.3515	1.03183	0.666797	1
cg13360200	LUC7L3;LUC7L3	0.340924	0.467317	1.10268	1.10268	0.7555151	0.922727	0.45324	1.12568	0.921672	1.12568	0.501572	0.899598	-1.11163	0.0944758	1.14853	1.14853	0.586204	1.07222	1.07222	0.107651	1.08183	1.08183	0.824604	1.24604	1.24604	0.154188	1.07852	1.07852	1.34815	0.182025	0.342235	1
cg26652666	GNA11	0.340926	0.352835	0.748694	-1.33566	0.339954	1.3468	1.3468	0.584502	0.846096	-1.18195	0.492245	1.2351	1.2351	0.495162	0.808558	-1.23677	0.566461	0.890098	-1.12346	0.0402164	1.61661	1.61661	0.660199	1.86701	1.86701	0.436791	1.27145	1.27145	1.35147	1.96166	1.29022	1
cg09

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg21270956	HHC4	0.341229	0.792298	1.13376	1.13376	1.560813	0.755516	-1.326	0.261353	1.74579	1.74579	0.176444	1.981033	1.981033	0.481471	0.700029	-1.42851	0.520633	0.733633	-1.36308	0.104101	0.42943	-2.32867	0.280516	0.5597563	-1.67346	0.299888	1.66686	1.83068	4.84075	3.18573
cg17850539	ATP2B4; ATP2B4	0.341234	0.199359	2.12572	2.12572	0.536626	1.41621	1.41621	0.756346	0.84106	-1.18898	0.462312	1.51607	1.51607	0.42708	1.56983	1.56983	0.630477	1.30939	1.30939	0.035913	3.75793	3.75793	0.0942772	2.78151	2.78151	0.143802	2.39514	2.39514	1.35066	6.61599	4.35407	1
cg26014796	RNF39;RNF39;RNF39;RNF39	0.34125	0.438347	0.635553	-1.57343	0.30278	1.84424	1.84424	0.078849	3.04801	3.04801	0.511738	1.4646	1.4646	0.423604	0.625869	-1.59778	0.482118	0.663887	-1.50628	0.566468	0.7172599	-1.39412	0.8001665	0.8646421	-1.15655	0.1119975	2.697693	2.697693	1.35062	7.032814	4.628514	1
cg07961659	NPR1;NPR1	0.341251	0.835116	0.940181	-1.05354	0.695178	0.908248	-1.10007	0.37814	0.612794	-1.63187	0.737074	0.9209988	-1.08579	0.0480426	0.5757596	-1.73676	0.7242171	0.615113	-1.62572	0.306466	0.7721091	-1.29515	0.5884657	0.8750978	-1.14276	0.516617	0.8516057	-1.17425	1.35062	1.27636	0.8400217	1
cg21096118	VPS52;RP5I8;RP5I8	0.341251	0.942434	1.04725	1.04725	0.140935	2.7518	2.7518	0.0857375	3.3668	3.3668	0.772463	0.8308131	-1.20361	0.6251148	1.36991	1.36991	0.55118	0.680154	-1.47026	0.0923884	0.3060959	-3.26734	0.8401192	1.13776	1.13776	0.6489335	1.34041	1.34041	1.35062	8.74038	5.75236	1
cg23597015	CDR2B ZDHHC4;ZDHHC4;ZDHHC4;ZDHHC4;ZD ZDHHC4	0.341256	0.953643	0.957189	-1.04473	0.0834361	4.23002	4.23002	0.278338	2.33594	2.33594	0.750458	0.786551	-1.27144	0.0581418	0.199549	-5.0113	0.780071	1.22723	1.22723	0.730942	1.29668	1.29668	0.504319	0.6005113	-1.66524	0.966255	0.9686661	-1.03235	1.53061	12.1173	7.97492	1
cg21210956	HHC4	0.341257	0.0536462	0.671269	-1.48971	0.806157	1.04573	1.04573	0.533512	1.12154	1.12154	0.64414	0.918875	-1.08826	0.954952	0.989777	-1.01033	0.497049	0.882129	-1.13362	0.880483	1.02774	1.02774	0.557546	1.11392	1.11392	0.0744499	1.43547	1.43547	1.3506	0.70768	0.465754	1
cg14711997	KCNH2;KCNH2;KCNH2;KCNH2	0.341258	0.554223	0.447751	-2.23538	0.0221439	0.0250145	-39.9769	0.765681	1.4946	1.4946	0.946577	1.09428	1.09428	0.475488	0.377112	-2.65173	0.499362	0.397732	-2.51425	0.132477	0.112727	-8.87095	0.201457	0.1630034	-6.13169	0.53742	0.431868	-2.31553	1.3506	38.6708	25.451	1
cg15460899	CNTN2	0.341261	0.387062	0.382411	-2.61499	0.59985	1.77523	1.77523	0.798739	0.758041	-1.31919	0.782204	0.740481	-1.35047	0.043814	0.0810933	-12.3315	0.252548	0.273686	-3.65382	0.0643001	0.105001	-9.52368	0.734912	1.44552	1.44552	0.901273	0.874104	-1.14403	1.35059	25.1439	16.5484	1
cg20134835	ATP5D;ATP5D	0.341261	0.156062	0.604005	-1.65577	0.0788447	0.915882	-1.07256	0.0681447	1.09294	1.73249	0.749902	0.9139744	-1.09419	0.786979	1.0845	1.0845	0.571404	0.874409	-1.14377	0.219985	0.7331175	-1.36393	0.674611	1.09096	-1.09167	0.9165959	1.2368	1.2368	1.35059	1.2368	0.815316	1
cg12441928	CCR1	0.341266	0.232743	0.359677	-2.78027	0.0400098	0.143768	-6.95564	0.0634527	0.181691	-5.50385	0.291048	0.408472	-2.44815	0.464555	0.545748	-1.83225	0.390212	0.487005	-2.05337	0.262587	0.388168	-2.56958	0.190285	0.3219314	-3.10642	0.618993	0.663877	-1.5063	1.35058	14.2837	9.40086	1
cg07845538	ZNF594	0.341267	0.0968088	0.831092	-1.19992	0.466468	1.07601	1.07601	0.211759	0.826756	-1.14057	0.592089	0.8533972	-1.17181	0.555737	0.6855	-1.45859	0.503657	0.945396	-1.05771	0.705464	0.8219274	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1.03554	1
cg25884399	GPSM1	0.341267	0.414565	0.645063	-1.54688	0.094913	0.168403	-5.93815	0.0304573	0.0846597	-11.8073	0.820349	1.24706	1.24706	0.305769	0.557258	-1.7991	0.596234	0.595102	-1.68038	0.991212	0.9889366	-1.01075	0.5579332	0.5626314	-1.77742	0.560384	1.77172	1.77172	1.35057	20.153	13.2639	1
cg00312134	SCOC	0.341273	0.209203	0.472077	-2.1183	0.746267	1.20214	1.20214	0.417015	1.60057	1.60057	0.903644	0.9332627	-1.07109	0.127021	0.3932243	-2.54296	0.212703	0.47508	-2.10491	0.1017568	0.3069325	-2.70764	0.133912	0.3998845	-2.50097	0.9759117	1.01727	1.01727	1.35056	6.87849	4.52717	1
cg13756074	CCT6P1	0.341274	0.2545194	0.8907773	-1.12262	0.532242	1.9042	1.9042	0.198554	1.1411	1.1411	0.485656	1.03491	1.03491	0.398603	1.27144	0.0581418	0.199549	-5.0113	0.112109	0.845302	1.1881	1.08729	0.9251307	0.926107	-1.07979	0.632682	1.04789	1.04789	1.35056	0.2018861	0.1328581	1
cg23023466	KCNK1	0.341278	0.9043355	0.902435	-1.10811	0.779221	1.27126	1.27126	0.138976	3.8965	3.8965	0.793213	1.25152	1.25152	0.757757	0.767818	-1.30239	0.897703	0.895973	-1.1161	0.396712	0.4765565	-2.09835	0.0571292	6.28424	6.28424	0.0979405	4.71339	4.71339	1.35055	15.5998	10.2673	1
cg14124415	ADAMTS1	0.341287	0.348651	0.561537	-1.78074	0.4786092	0.65175	-1.53433	0.863476	0.902755	-1.10772	0.527463	1.46309	1.46309	0.0525806	0.2698448	-3.70579	0.778677	0.845797	-1.18232	0.0395511	0.2426816	-4.11834	0.948623	0.9634421	-1.03805	0.7064512	0.798597	-1.2522	1.3505	7.55705	4.974	1
cg08252887	CNTFR;CNTFR	0.341301	0.9013582	0.9425666	-1.06082	0.0522361	2.93203	2.93203	0.110253	2.13652	2.13652	0.303948	1.68104	1.68104	0.0150044	0.4115116	-2.43116	0.104348	2.37502	2.37502	0.0878238	0.5588558	-1.79005	0.1542742	0.4132802	1.50317	0.1307212	0.2956543	0.8685443	-1.15135	1.35048	5.07696	3.34166	1
cg10469297	TBRG4;TBRG4;TBRG4	0.341304	0.90761	0.982647	-1.01766	0.835638	1.03182	1.03182	0.108135	1.30253	1.30253	0.332557	0.8600585	-1.16268	0.744066	1.05064	1.05064	0.508761	0.903886	-1.10636	0.0908248	0.7551014	-1.32433	0.2185334	0.8227716	-1.21549	0.434056	1.1279	1.1279	1.35048	0.0486292	0.3200779	1
cg27434584	ESCO1	0.341308	0.376944	0.846475	-1.18137	0.672235	0.90408	-1.10603	0.181402	0.794838	-1.258	0.945816	1.01257	1.01257	0.944951	1.02739	1.02739	0.875661	1.0292	1.0292	0.0473125	0.5167901	1.51769	0.1742846	0.9393986	-1.06451	0.1560862	0.7570095	-1.31084	1.35047	0.722838	0.4757778	1
cg03247412	WDHD1	0.341311	0.345545	1.36045	1.36045	0.0366748	0.463383	-2.15804	0.450108	1.76831	-1.27614	0.76054	0.907686	-1.1017	0.51394	0.8108801	-1.23335	0.147786	0.611379	-1.63565	0.714194	1.1261	1.12361	0.487586	1.2504	1.2504	0.635229	0.859488	-1.16348	1.35046	2.14733	1.4134	1
cg15729715	CLIC4	0.341312	0.57171	1.1001	1.10091	0.72987	1.06898	1.06898	0.4883381	1.15579	1.15579	0.634606	0.9184228	-1.08882	0.737473	1.00556	1.00556	0.715255	0.859058	-1.16408	0.0726716	0.4745615	1.49563	0.3837769	1.17202	1.17202	0.0746015	1.05923	1.05923	1.35046	0.0756316	0.4648499	1
cg09193585	PARP3;PARP3;RRP9	0.341312	0.940819	0.991388	-1.00869	0.338968	1.12166	1.12166	0.365364	1.11443	1.11443	0.0593501	0.780399	-1.2814	0.0921063	1.24108	1.24108	0.687163	0.0492	1.0492	0.858948	1.02094	1.02094	0.439353	1.09622	1.09622	0.569564	1.06924	1.06924	1.35046	0.2902216	0.1910424	1
cg22516137	RAB40B	0.341315	0.451693	1.416	1.4156	0.2401582	1.84368	1.84368	0.204141	1.83662	1.83662	0.790404	0.88809	-1.12601	0.837362	0.8247857	1.13445	0.855889	1.08533	1.08533	0.811535	1.11445	1.11445	0.407077	1.39566	1.39566	0.194969	0.5369361	-1.86242	1.35045	4.4014	2.89708	1
cg18066181	NCRNA0171	0.341321	0.0829105	0.8777991	-1.13949	0.157791	0.474432	-2.10907	0.0227281	0.398609	-2.50894	0.676976	-1.3193	0.5509552	0.0268466	0.2514455	-3.97611	0.242314	0.480589	-2.07948	0.46962	0.7219413	-1.38516	0.7468617	0.8604312	-1.16223	0.644854	0.698701	-1.43123	1.35043	0.4009827	0.3038	1
cg23887819	C12orf73	0.341323	0.2677163	0.8280616	-1.20771	0.0942722	0.740286	-1.35083	0.268152	0.8281533	-1.20751	0.226845	0.8126273	-1.23051	0.822726	1.03736	1.03736	0.940205	0.987811	-1.01234	0.0982615	1.34508	1.34508	0.857616	0.971069	-1.02979	0.941801	0.9881135	-1.01201	1.35043	0.5715884	0.3762321	1
cg04560534	PPT1;PPT1	0.341328	0.374081	0.7313152	-1.36774	0.8445327	1.63072	1.63072	0.043876	2.044986	1.34231	0.854401	0.7536802	-1.32722	0.0710757	0.5005634	-1.99799	0.164417	0.600994	-1.66301	0.183544	0.6727268	1.48548	0.1203004	0.8417102	-1.18812	0.421668	0.5732442	0.8227407	-1.22168	1.35042	2.51968	1.65854	1
cg07802464	SEC14L3	0.341333	0.155807	0.384424	-2.60129	0.639095	0.742774	-1.3463	0.50103	0.650535	-1.5372	0.592691	0.7181816	-1.40486	0.108273	0.3318866	-3.01326	0.246495	0.466283	-2.14276	0.0830785	0.2681527	-3.72922	0.2671724	0.2749414	-3.6375	0.820532	0.866709	-1.15379	1.3504	0.47656	5.57962	1
cg23635910	C1orf170	0.341343	0.4196095	0.347608	-2.8768	0.316135	0.26493	-3.77458	0.428212	2.81968	2.81968	0.76176	1.476554	1.476554	0.681915	0.5896092	-1.6958	0.0556574	0.0620871	-16.1064	0.0839946	0.0862525	-11.5939	0.231966	0.2000553	-4.9862	0.439328	0.363906	-2.74796	0.35038	35.1298	23.1241	1
cg10459127	C15orf43;C15orf43	0.341349	0.821706	0.7250001	-1.37918	0.2014157	0.508435	-1.96543	0.771795	0.9596201	-1.04193	0.2171795	1.12646	1.12646	0.0494921	0.2239744	-4.46643	0.210288	0.750001	-1.3333	0.0127268	0.1044693	1.14029	1.14029	0.0292355	0.5643258	0.1836	0.1836	0.6598128	-1.35339	1.35036	0.3106056	0.6981284	1
cg15645685	PBX4	0.341352	0.567849	0.610126	-1.63901	0.724769	0.35326	0.35326	0.811437	0.81503	-1.22695	0.664434	1.45283	1.45283	0.287385	0.3885558	-2.57362	0.700148	0.718087	-1.39259	0.458227	0.523931	-1.90865	0.0238857	0.10415	0.10415	0.519013	1.74971	1.74971	1.35035	15.6622	10.3099	1
cg06699964	CACNA1H;CACNA1H	0.341353	0.587326	1.01401	1.01691	0.97267	1.08898	1.08898	0.2483881	1.15579	1.15579	0.634606	0.9184228	-1.08882	0.737473	1.00556	1.00556	0.715255	0.859058	-1.16408	0.0726716	0.4745615	1.49563	0.3837769	1.17202	1.17202	0.0746015	1.05923	1.05923	1.35046	0.0756316	0.4648499	1
cg26549185	MAP7	0.341358	0.725754	0.843982	-1.18486	0.528569	0.735273	-1.36004	0.68564	0.822012	-1.21653	0.516931	1.37229	1.37229	0.328788	0.615415	1.62492	0.581758	1.30728	1.30728	0.263897	1.75228	1.75228	0.278986	1.71968	1.71968	0.0367441	3.21774	3.21774	1.35034	4.96124	3.26585	1
cg01774835	CCNA1;CCNA1;CCNA1;CCNA1	0.341359	0.996124	1.00142	1.00142	0.0963453	0.587511	-1.7021	0.674251	1.13105	1.13105	0.9024	1.03638	1.03638	0.0316215	0.4603289	-2.17208	0.522507	0.827951	-1.20784	0.85365	0.9476631	-1.05526	0.6090093	1.16211	1.16211	0.767536	0.917274	-1.09019	1.35033	1.81474	1.1546	1
cg11390978	SIN3B	0.341359	0.3388824	0.7990241	-1.25144	0.3716991	0.724444	-1.37944	-1.29457	0.8805041	0.93493	-1.06924	0.9125455	1.09533	-1.05604	0.2505556	1.5436	0.1225202	0.4209157	-2.37562	0.1035236	0.385895	-2.59103	0.1688045	0.4556911	2.19565	0.0447667	0.1313638	0.4254181	1.88481	1.35032	1.88397	1.3397	1
cg24190223	CSPP1;CSPP1	0.341376	0.108659	0.283391	-3.5287	0.836319	1.16367	1.16367	0.443465	1.756	1.756	0.967179	0.9884487	-1.01165	0.0765515	0.2418805	-4.13556	0.632646	0.478932	-2.08798	0.119312	0.2957941	-3.38073	0.638935	0.711389	-1.4057	0.2639119	0.433714	-2.30567	1.35033	11.1053	7.31032	1
cg25463428	TBC1D10B	0.341378	0.947837	0.9788025	-1.02147	0.12394	0.304	3.304	0.0313284	1.52436	1.52436	0.886108	0.9597861	-1.0214	0.0441861	0.2720128	-3.67585	0.353859	0.68327	-1.46337	0.0958106	0.2705886	3.69637	0.0242827	0.2752085	3.63334	0.0210921	0.1025321	0.2583552	1.22003	1.01753	1.35032	0.55579	0.3539196	1
cg22895198	C5orf37;C5orf37	0.341384	0.182953	0.582625	-1.71637	0.1190558	0.523765	-1.90925	0.921099	0.7963529	-1.0386	0.726479	0.8743674	-1.14369	0.153337	0.5573393	-1.79407	0.770631	1.11824	1.11824	0.197483	1.68335	1.68335	0.159065	1.56250	1.56250	1.477776	0.8925126	1.05303	1.05303	1.35032	1.12529	2.05732	1
cg04098891	NPR3	0.341371	0.150841	0.3036012	-3.29379	0.443857	1.85577	1.85577	0.466098	1.77582	1.77582	0.369048	2.04273	2.04273	0.534793	0.6146553	-1.62693	0.148062	0.30078	-3.32469	0.916996	1.08406	1.08406	0.115889	3.75497	3.75497	0.668375	1.39607	1.39607	1.3503	12.8199	8.4392	1
cg04537691	MCM3AP;C21orf57;C21orf57	0.341371	0.0903887	0.7662241	-1.30511	0.2111	0.53211	-1.88015	0.762895	0.9764544	-1.02455	0.7932912	1.08654	1.08654	0.0312199	0.2720122	-3.67591	0.2029344	0.4574872	-2.18585	0.573536	0.8440948	-1.18513	0.7477228	1.1035	1.1035	0.460474	0.795427	-1.25719	1.3502	2.51968	1.65854	1
cg27428129	GRM4	0.341376	0.126587	0.268639	-3.72246	0.970044	0.970574	-1.03032	0.750938	0.776259	-1.28823	0.257916	0.3910033	-2.55733	0.0663927	0.1944655	-5.14231	0.817021	0.831654	-1.20242	0.54927	0.617584	-1.61921	0.0466852	0.1634401	-6.11993	0.302201	0.427373	-2.33988	1.35029	13.5284	8.90567	1
cg20984502	SLMO1;SLMO1	0.341377	0.0862882	0.7984	-1.25231	0.137791	0.47432	-2.10907	0.0227281	0.398609	-2.50894	0.676976	-1.3193	0.5509552	0.0268466	0.2514455	-3.97611	0.242314	0.480589	-2.07948	0.46962	0.7219413	-1.38516	0.7468617	0.8604312	-1.16223	0.644854	0.698701	-1.43123	1.35043	0.4009827	0.3038	1
cg21762432	CCDC41;CCDC41;LOC144486	0.341378	0.325258	2.91266	2.91266	0.0613713	0.89631	-1.88631	0.804321	0.7722255	-1.29491	0.263038	3.42945	3.42945	0.754642	1.38615	1.38615	0.401503	2.46162	2.46162	0.475738	2.1362	2.1362	0.164957	0.2064919	-4.84451	0.5776111	0.555771	-1.7993	1.43199	23.3773	10.8834	1
cg05433691	MCM3AP;C21orf57;C21orf57	0.341379	0.0903887	0.7662241	-1.30511	0.2111	0.53211	-1.88015	0.762895	0.9764544	-1.02455	0.7932912	1.08654	1.08654	0.0312199	0.2720122	-3.67591	0.2029344	0.4574872	-2.18585	0.573536	0.8440948	-1.18513	0.7477228	1.1035	1.1035	0.460474	0.795427	-1.25719	1.3502	2.51968	1.65854	1
cg27482126	GRM4	0.341376	0.126587	0.268639	-3.72246	0.970044	0.970574	-1.03032	0.750938	0.776259	-1.28823	0.257916	0.3910033	-2.55733	0.0663927	0.1944655	-5.14231	0.817021	0.831654	-1.20242	0.54927	0.617584	-1.61921	0.0466852	0.1634401	-6.11993	0.302201	0.427373	-2.33988	1.35029	13.5284	8.90567	1
cg20984502	SLMO1;SLMO1	0.341377	0.0862882	0.7984	-1.25231	0.137791	0.47432	-2.10907	0.0227281	0.398609	-2.50894	0.676976	-1.3193	0.5509552	0.0268466	0.2514455	-3.97611	0.242314	0.480589	-2.07948	0.46962	0.7219413	-1.38516	0.7468617	0.8604312	-1.16223	0.644854	0.698701	-1.43123	1.35043	0.4009827	0.3038	1
cg27624323	CCDC41;CCDC41;LOC144486	0.341378	0.325258	2.91266	2.91266	0.0613713	0.89631	-1.88631	0.804321	0.7722255	-1.29491	0.263038	3.42945	3.42945	0.754642	1.38615	1.38615	0.401503	2.46162	2.46162	0.475738	2.1362	2.1362	0.164957	0.2064919	-4.84451	0.5776111	0.555771	-1.7993	1.43199	23.3773	10.8834	1
cg27444827	TMEM48A	0.341381	0.155511	1.24232	1.24232	0.2709703	0.90466	-1.36789	0.0911	0.2005543	-4.98661	0.0148	0.9642284	-1.03679	0.9337031	0.98993	-1.01017	0.780903	0.964909	-1.03637	0.7332	0.9182	1.02045	0.9104299	0.9965527	-1.00349	0.8183262	0.9303	1.01869	1.35028	0.9350863	0.2309074	1
cg26493726	CLIP3	0.341383	0.488951	0.2609055	-1.16157	0.27477	1.27397	1.27397	0.0550995	1.16157	1.16157	0.44665	1.30942	1.30942	0.219149	1.02165	1.02165	0.447667	0.6035739	-1.65662	0.0832132	0.4813232	0.4813232	0.561225	1.13334	1.13334	0.636379	1.10679	1.10679	1.35027	0.9707738	0.6390042	1
cg12394067	LOC100129716;AR8DC3	0.341384	0.138176	1.62212	1.62212	0.317029	1.36813	1.36813	0.776636	1.09002	1.09002	0.841217	1.06267	1.06267	0.943094	1.02187	1.02187	0.404462	0.772212	1.29498	0.160379	1.57532	1.57532	0.236161	1.45669	1.45669	0.0503139	1.96623	1.96623	1.35027	1.96377	1.29276	1
cg26873457	CABP7	0.341389	0.598263	0.7215	-1.38605	0.1328065	0.534655	-1.87078	0.634365	1.06481	1.06481	0.868804	1.03016	1.03016	0.713752	0.9459051	-1.05693	0.4504153	0.7160011	-1.39673	0.3134	0.4820176	-2.12025	0.1997201	0.4504153	2.21959	0.1160011	0.2011597	0.4170548	1.09409	1.35025	0.3675156	0.2410703	1
cg17730719	FAM163A	0.341393	0.200296	0.8145119	-1.22772	0.8151665	1.03615	1.03615	0.529023	0.907817	-1.10154	0.444587	0.8885331	-1.12545	0.948717	0.9902293	1.0098	0.119035	0.773704	-1.29248	0.845778	0.970901	-1.02997	0.9545156	1.19791	1.19791	0.103064	1.31053	1.31053	1.35024	0.491789	0.3237353	1
cg10835967	WWOX;WWOX;WWOX	0.341401	0.111841	0.6849154	-1.46179	0.920805	0.6719161	-1.02404	0.3334477	1.24452	1.24452	0.232372	0.759867	-1.31602	0.95619	0.9880207	-1.01212	0.180206	0.731965	-1.36619	0.15476	0.716195	-1.39644	0.278424	1.28033	1.28033	0.883322	0.968313	-1.03272	1.35021	1.06	0.6768315	1
cg20188635	YTHDF2	0.341412	0.2967611	0.7211171	-1.38645	0.6353264	0.155	-2.15	0.0442294	0.2739244	1.70612	0.0159301	1.10712	1.10712	0.0533361	0.5115186	-1.24505	0.1716646	1.55226	1.55226	0.468828	1.8162647	1.81626	0.0179451	2.3254	2.3254	0.952115	0.9820218	-1.01831	1.3502	1.95238	1.28533	1
cg21439763	TNFSF4;TNFSF4	0.341412	0.6621456	0.141774	-7.05347	0.108134	0.195802	-5.10721	0.31687	0.225037	-4.44171	0.371894	0.426195	-2.36434	0.0812635	0.1656644	-6.03705	0.456252	0.493679	-2.02641	0.262127	0.340306	-2.93853	0.317239	0.382211	-2.61636	0.329375	0.392029	-2.55083	1.35019	18.5056	12.183	1
cg27401543	FTO	0.341414	0.2165383	0.7918	-1.26271	0.1337961	0.543	-1.84056	0.75769	0.8512233	-1.17477	0.676781	0.8512233	-1.17477	0.676781	0.8512233	-1.17477	0.676781

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(563T vs. N)	Fold-Change(5-vs-563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07750606	ESRRG;ESRRG;ESRRG	0.341764	0.914963	1.03971	1.01971	0.566815	1.11159	1.11159	0.04564606	1.52009	1.52009	0.702474	1.07238	0.263488	1.23739	1.23739	0.237445	1.25377	1.25377	0.385264	0.849882	-1.17663	0.020967	1.09536	1.09536	0.08984558	1.40799	1.40799	1.34627	0.713542	0.470077	1
cg05608730	C1QTNF2	0.341771	0.6649762	2.26267	2.26267	0.802785	1.10363	1.10363	0.158617	1.81081	1.81081	0.122935	1.93199	1.93199	0.206281	1.69096	1.69096	1.69096	0.872232	0.938549	-1.06547	0.842384	0.92455	-1.08161	0.2725558	1.56829	1.56829	0.152492	1.8292	1.8292	1.34925	3.31788	2.18583	1
cg24438687	TRIM46;KRTCAP2	0.341774	0.0972813	0.766265	-1.30503	0.429395	0.888681	-1.12526	0.943448	0.988675	-1.01043	0.953541	0.991512	-1.00856	0.11872	0.780542	-1.28116	0.485743	0.901559	-1.10919	0.0527957	0.7246621	-1.37995	0.444911	1.12068	1.12068	0.812651	0.96586	-1.03535	1.349424	0.457381	0.301325	1
cg00164458	ENAH;ENAH	0.341778	0.156881	0.278434	-1.59172	0.127905	0.249069	-1.01456	0.214015	0.331244	-1.01892	0.8731	0.973724	-1.14453	0.06474	0.71943	-1.76567	0.80949	1.22627	-1.22627	0.266845	0.3764511	-2.65639	0.972463	1.029508	1.029508	0.142194	0.2634814	-1.79055	1.34923	15.2405	10.0406	1
cg08746138	TGFB2;TGFB2;TGFB2;TGFB2	0.341787	0.0677694	1.22824	1.22824	0.761023	1.13113	1.03113	0.232484	1.13407	1.13407	0.4162519	1.08707	1.08707	0.342813	1.10318	1.10318	1.10318	0.262886	0.88933	-1.12444	0.239176	0.8835507	-1.13185	0.79341	0.973973	-1.02672	0.712113	0.963442	-1.03795	1.34921	0.215739	0.142134	1
cg06646622	HOMER1	0.341793	0.732753	0.844633	-1.18395	0.330691	1.63962	1.63962	0.72591	0.840807	-1.18933	0.540898	1.35655	1.35655	0.941305	0.8494117	-1.17728	0.544926	0.739455	-1.35235	0.0210063	0.2546681	-3.92647	0.707856	1.20376	1.20376	0.347627	0.6231015	-1.61027	1.34919	0.1588	3.41663	1
cg02715546	PYGO1	0.3418	0.9462861	1.03108	1.03108	0.288669	0.606266	-1.64944	0.494424	1.3706	1.3706	0.924124	0.957643	-1.04423	0.659656	1.22305	1.22305	1.22305	0.985906	1.00806	1.00806	0.0191818	0.2759966	-3.62364	0.550774	0.76015	-1.31553	0.534027	1.33129	1.33129	1.34917	4.44074	2.90597	1
cg09981375	SPHJ4	0.341803	0.581013	0.929063	-1.10747	0.745179	1.07208	1.07208	0.6644107	1.0853	1.0853	0.59662	1.10275	1.10275	0.795155	0.94068	-1.06305	0.279268	1.12873	1.12873	0.375767	1.18198	1.18198	0.0263813	0.6134349	-1.61959	0.648776	0.91946	-1.08759	1.34916	0.715487	0.472025	1
cg04002274	RPF2	0.341807	0.653937	1.07302	1.07302	0.43229	0.8282601	-1.13302	0.944791	0.9986623	-1.01049	0.219333	0.837907	-1.22953	0.599561	0.68016	-1.44894	0.941305	0.909674	-1.09929	0.197945	1.23679	1.23679	0.587094	0.917928	-1.08941	0.361558	0.863744	-1.15775	1.34915	0.521205	0.343395	1
cg00593962	FZD8	0.341816	0.566872	1.249	1.249	0.259817	0.636675	-1.57066	0.917577	1.04056	1.04056	0.730652	1.14195	1.14195	0.283013	0.6515509	-1.5349	0.0281289	0.369355	-2.70743	0.732679	1.14076	1.14076	0.437612	1.35546	1.35546	0.820104	1.09143	1.09143	1.34913	3.15247	2.07704	1
cg15447825	CLL4A;CLL4A	0.341822	0.262664	1.11868	1.11868	0.894221	0.945051	-1.15007	0.246111	0.836886	-1.25881	0.470648	0.72437	-1.38063	0.265355	0.8206	-1.21899	0.603524	1.66576	1.66576	0.182936	1.82644	1.82644	0.0182007	8.058447	8.058447	3.949186	2.55642	2.55642	1.34911	20.2674	15.3535	1
cg15695852	PLEKHH2;PLEKHH2	0.341824	0.214101	0.768634	-1.30101	0.561878	0.88871	-1.12523	0.626359	1.10374	1.10374	0.221607	0.772249	-1.29492	0.345288	0.822389	-1.21597	0.934857	1.01658	1.01658	0.023512	0.580277	-1.72331	0.72923	1.07241	1.07241	0.756122	0.9392251	-1.06468	1.3491	0.864708	0.569733	1
cg01805243	AKIRIN1;AKIRIN1	0.341829	0.124945	0.73413	-1.361	0.665553	0.910955	-1.0981	0.340961	0.8837789	-1.13149	0.22515	0.780987	-1.28016	0.55484	0.8905108	-1.12296	0.9398511	0.628745	1.59047	0.164795	0.9554421	-1.04661	0.807018	1.19072	1.19072	0.624246	1.100559	1.10059	1.3491	0.8050328	0.559012	1
cg03654613	IGLL3	0.341833	0.494906	1.21015	1.21015	0.722551	1.10309	1.10309	0.0460044	0.532937	-1.87639	0.926562	1.0257	1.0257	0.385317	1.35719	1.35719	1.35719	0.128583	1.57153	1.57153	0.689229	0.8952691	-1.11698	0.779792	0.925761	-1.08019	0.612951	0.8609319	-1.15972	1.34908	1.63835	1.0663	1
cg11070590	RALGAPA1;RALGAPA1	0.341833	0.249302	0.671266	-1.48972	0.997642	0.0998022	1.00098	0.0434945	2.15657	2.15657	0.228691	1.51921	1.51921	0.251287	0.672486	-1.48702	0.963617	1.01521	1.01521	0.553201	0.821905	1.21965	0.885060	0.95325	-1.04904	0.895775	0.957542	-1.04434	1.34908	2.34133	1.54266	1
cg02030390	KCNX10;KCNK16	0.341834	0.428602	0.808615	-1.23643	0.237203	0.719701	-1.38947	0.711789	1.1059	1.1059	0.34433	1.2059	1.2059	0.352528	1.29528	0.849885	0.113234	1.53938	1.53938	0.517884	0.8400592	-1.1902	0.483706	1.2081	1.2081	0.0775059	1.68407	1.68407	1.34908	1.54503	0.993222	1
cg12170647	CASC2;RAB11FIP2;CASC2;CASC2	0.341836	0.250362	2.77817	2.77817	0.965235	1.03777	1.03777	0.972064	0.97065	-1.03024	0.063182	0.915756	0.915756	0.0534095	0.646533	0.646533	1.14049	3.85292	3.85292	0.358124	2.23418	2.23418	0.995876	0.995613	-1.00441	0.727885	1.34601	1.34601	1.34908	15.4615	10.1874	1
cg03239667	FAM53A	0.341837	0.165618	0.429903	-2.57585	0.0840122	0.012373	-3.09816	0.628946	0.749764	-1.33375	0.187524	2.28454	2.28454	0.51924	0.67946	-1.47176	0.152137	0.403587	-2.47729	0.702224	0.7967544	-1.25509	0.692321	1.37684	1.37684	0.802292	1.15997	1.15997	1.34908	7.47499	4.92017	1
cg02065707	HIPK2	0.341857	0.8684477	1.0496	1.0496	0.771148	0.918336	-1.08893	0.564197	0.7621168	-1.31205	0.9767102	1.00857	1.00857	0.036371	2.0352	2.0352	1.036447	1.59782	1.59782	0.570206	1.39335	1.39335	0.322818	1.34756	1.34756	0.907184	1.04965	1.04965	1.34907	1.62292	1.2011	1
cg14340500	SLITRK4	0.341856	0.146597	0.144987	-6.89719	0.460876	0.394375	-2.51566	0.937627	1.10186	1.10186	0.12391	1.88627	1.88627	0.250378	0.43114	0.43114	0.200109	0.186842	-5.35211	0.281906	0.250085	-3.99864	0.791732	1.38819	1.38819	0.907155	1.15558	1.15558	1.34903	32.8194	21.6251	1
cg27436118	MGRN1;MGRN1;MGRN1;MGRN1	0.341857	0.609458	0.69159	-1.44594	0.634689	0.82588	-1.82588	0.348757	1.99456	1.99456	0.473236	0.593249	-1.68538	0.751552	1.33124	1.33124	0.650249	0.721296	-1.38626	0.257939	0.429594	-2.32798	0.407986	0.545361	-1.83365	0.810768	1.1873	1.1873	1.34902	10.9449	7.21175	1
cg05036456	FGD6	0.341865	0.513335	1.19605	1.19605	0.847025	0.583717	-1.71316	0.176202	0.666316	-1.50079	0.523431	0.833123	-1.2003	0.236959	1.41882	1.41882	0.789713	0.927312	-1.07839	0.220257	1.43892	1.43892	0.41857	0.791862	-1.26285	0.982524	0.993035	-1.0062	1.349	1.703808	1.1222	1
cg07891457	ALDH3B2;ALDH3B2;ALDH3B2	0.341868	0.573812	0.808089	-1.23709	0.563334	0.914955	-1.09355	0.7255	0.9886233	-1.01144	0.24769	0.6807552	-1.46896	0.534197	0.8183299	-1.22251	0.7479456	-1.33698	0.307587	0.0756556	0.242646	-4.12048	0.918248	0.991435	-2.57547	0.0746079	-2.10568	0.7626869	0.893331	-1.11941	1.34899	2.95879	1.95622	1
cg14015676	CDC42BPA;CDC42BPA	0.341885	0.629884	0.756304	-1.32222	0.0280121	0.224673	-4.45091	0.0668869	0.306769	-3.25979	0.65296	0.770767	-1.29741	0.464243	0.651486	1.53495	0.125433	0.683586	-1.46287	0.22794	0.482873	-2.07094	0.925843	1.05501	1.05501	0.972296	0.9802222	-1.02018	1.34895	7.06948	4.65842	1
cg01825070	ADAP1	0.341885	0.481457	0.957078	-1.14276	0.984422	0.996366	-1.00365	0.521874	0.88598	-1.12869	0.472114	0.872495	-1.14614	0.268495	0.8065592	-1.23978	0.0569003	0.574148	1.57148	0.600152	1.10367	1.10367	0.550901	1.11911	1.11911	0.337865	0.8317234	-1.20232	1.34895	0.7430044	0.489628	1
cg08473858	PHLDB1	0.341889	0.386851	0.762062	-1.3116	0.253036	0.293822	-4.16976	0.0437324	0.22185	-4.50755	0.377697	0.555485	-1.80033	0.691387	1.05081	1.05081	0.757821	0.818002	-1.22249	0.702465	1.28312	1.28312	0.826407	0.867045	-1.15334	0.7008869	1.28494	1.28494	1.34894	9.03124	5.93933	1
cg05707815	PHKA1;PHKA1	0.341898	0.139002	0.239178	-4.18098	0.112517	0.211823	-4.72092	0.702051	0.7080317	-1.4124	0.295302	2.65106	2.65106	0.88409	0.87718	-1.14002	0.0611962	0.150315	-6.65271	0.948568	1.05966	1.05966	0.832747	1.20921	1.20921	0.907327	1.11028	1.11028	1.34892	17.2399	11.3605	1
cg09826790	TSC2;TSC2;TSC2	0.341899	0.0882234	1.38578	1.35578	0.424613	1.0909	1.0909	0.0932315	1.10682	1.10682	0.0151497	1.08505	1.08505	0.0157577	1.83799	1.83799	1.08791	0.185429	1.12038	1.12038	0.0651832	1.0496513	1.3302	1.03008	1.03008	0.4694311	1.11002	1.11002	1.34891	0.429734	0.2831881	1
cg09059767	GASB;GASB	0.341904	0.66846	1.3492	1.3492	0.155291	0.347426	-2.87831	0.361	0.520576	-1.92095	0.295121	2.12723	2.12723	0.871924	1.09912	1.09912	0.2513209	0.64039	-1.56112	0.429854	1.75461	1.75461	0.401099	1.81754	1.81754	0.743113	1.25199	1.25199	1.3489	10.3251	6.804	1
cg17971003	SLN	0.341909	0.856014	0.923662	-1.08241	0.963245	0.980109	-1.02029	0.0411181	0.357918	-2.79394	0.485809	0.734337	-1.36177	0.128216	0.488235	-2.0482	0.310475	0.632827	-1.58021	0.410459	0.692819	-1.44338	0.295431	1.60491	1.60491	0.741024	1.15559	1.15559	1.34889	4.06118	2.67623	1
cg02187007	GDLG;GAD	0.341914	0.964188	1.0182	1.0182	0.620577	0.9705	-1.305	0.0407	0.913427	1.0407	0.629413	1.1577	-1.3807	0.629413	1.1577	-1.27525	0.120002	1.96112	1.96112	0.0139254	0.509562	-1.6993	0.902183	1.05065	1.05065	0.661949	1.19337	1.19337	1.34888	3.44934	2.27306	1
cg08267115	PHKB;ITFG1;PHKB	0.341913	0.310285	1.2139	1.2139	0.86158	0.968291	-1.03175	0.716339	0.934846	-1.0697	0.722302	1.04995	1.04995	0.0589552	1.48255	1.48255	0.580255	0.902009	-1.10864	0.276003	0.8149211	-1.23271	0.215979	1.27178	1.27178	0.291025	0.81685	-1.22421	1.34888	0.7282335	0.479896	1
cg17225340	DAB1	0.341916	0.9653804	1.01704	1.01704	0.824055	0.915765	-1.09344	0.5765	0.9911594	-1.00842	0.188139	0.7180542	-1.39242	0.0842	1.44152	1.44152	0.1065906	0.6631311	-1.50808	0.172244	1.514557	1.514557	0.0476003	0.2498624	0.6863	1.2477	0.6863	1.2477	1.34887	2.68663	1.97244	1
cg21856005	DPYD;DPYD	0.341923	0.595895	0.865754	-1.15506	0.469803	-1.21903	-1.21903	0.436476	1.2384	1.2384	0.0553013	0.55703	-1.79524	0.456002	1.2269	1.2269	0.262056	1.37024	1.37024	0.289002	1.34508	1.34508	0.671779	0.891554	-1.12164	0.92181	0.789954	-1.2659	1.34885	1.549474	1.02127	1
cg04138657	PRKX	0.341927	0.130189	0.453746	-2.29492	0.276748	0.177697	1.77697	0.981511	0.882769	-1.01185	0.288291	0.571002	-1.75131	0.0410889	0.301857	-3.31283	0.326059	0.597317	-1.67415	0.804355	0.881497	-1.13443	0.775619	0.864823	-1.15631	0.46104	0.682921	-1.4643	1.34884	5.51722	3.63587	1
cg13330971	CREB3L2	0.341934	0.0635919	1.31284	1.31284	0.762009	0.953334	1.04667	0.0993234	1.18859	1.18859	0.657985	1.27693	-1.13926	0.0652756	1.55144	1.55144	0.1813734	0.3812125	2.62268	0.0117448	0.6455848	1.14252	1.14252	0.0609069	1.8400077	-1.13626	0.1954418	0.6743722	-1.48286	1.3488	1.78312	1.16536	1
cg10796467	CCDC151;PRKCSH;PRKCSH	0.341943	0.248378	0.763714	-1.30939	0.726898	0.924659	-1.08148	0.779419	0.939202	-1.06473	0.600675	1.12523	1.12523	0.402823	1.21078	1.21078	0.106261	0.674314	-1.48299	0.326914	0.7976543	-1.25369	0.108682	0.676467	-1.47827	0.285804	1.281	1.281	1.3488	1.06608	0.702571	1
cg09884341	LOC645323;LOC645323	0.341946	0.509868	0.737028	-1.35639	0.749364	0.864	-1.26201	0.703703	0.8627909	-1.15906	0.868885	0.9656139	-1.03569	0.209386	0.6023159	-1.66069	0.8805773	1.10933	1.10933	0.0883165	0.3761153	2.65849	0.760901	1.12565	1.12565	0.700188	1.06218	1.06218	1.34879	0.5760816	0.3822139	1
cg01560524	TNS1	0.341951	0.277142	0.619125	-1.61518	0.899073	0.5553	-1.8009	0.0553	0.974607	0.01359	1.031359	0.397594	1.444	1.444	0.140683	0.235445	0.834806	0.237803	4.20615	0.0254645	0.617741	1.23791	1.23791	0.430486	0.710817	-1.40683	0.624321	1.56548	1.84374	2.53315	1
cg02675502	CTDSP1;CTDSP1;CTDSP1	0.341952	0.293866	1.2799	1.2799	0.168975	0.717363	-1.394	0.598155	0.886431	-1.12812	0.476814	1.17817	1.17817	0.442605	0.837408	-1.19416	0.975387	0.993032	-1.00702	0.0196127	0.583111	-1.71494	0.612928	1.12258	1.12258	0.916364	1.0241	1.0241	1.34877	1.09743	0.723244	1
cg04567731	TBX4	0.341953	0.0846464	1.37022	1.37022	0.0911	0.0759	-1.31387	0.0401166	0.7754	-1.29005	0.0401166	0.8427499	-1.31794	0.302327	0.7944	-1.25888	0.3988278	0.6023159	1.66069	0.2003826	0.2253159	4.43769	0.0139981	0.8226575	-1.21555	0.3428314	0.2039	-4.90475	1.34877	3.19795	2.36858	1
cg06077046	C15orf33;DTWD1;DTWD1	0.341957	0.978027	0.993834	-1.0062	0.695442	0.0965	1.0965	0.659258	1.09621	1.09621	0.248206	0.753786	-1.32664	0.0452688	1.7122	1.7122	0.884929	1.00443	1.00443	0.46628	1.18957	1.18957	0.131088	1.46477	1.46477	0.212118	1.36035	1.36035	1.34876	1.17113	0.771821	1
cg26615127	DNAJC5	0.341960	0.7077134	0.909	1.09134	0.693183	0.8300887	-1.1625	0.690296	0.9993	1.00993	0.4667	0.6992033	-1.43029	0.0377546	0.6133335	1.63111	0.1940804	0.4322	2.31398	0.0977546	0.4633335	2.16033	0.0208873	0.6208873	-1.61054	0.36681	0.4080483	-2.44458	0.6284642	1.2999	0.9012324	0.5993	1
cg09217309	RAET1G;RAET1G	0.341965	0.183524	0.573901	-1.74246	0.598335	0.811233	-1.23269	0.993407	0.9967564	-1.00326	0.956896	1.0215	1.0215	0.407398	0.7164408	-1.39585	0.2800335	0.642805	-1.55568	0.600343	1.23125	1.23125	0.0380976	2.57543	2.57543	0.950713	0.9759668	-1.02462	1.34874	3.30807	2.18019	1
cg02661752	UBA1;UBA1	0.341973	0.0264151	0.538809	-2.97405	0.340384	0.598569	-1.66953	0.516057	0.7908	-1.40988	0.15937	1.04113	1.04113	0.967364	0.991771	-1.0083	0.1764	0.3643	2.74501	0.0150216	0.5910156	-1.69183	0.0178551	0.8135	1.23	0.0178551	0.8135	1.23	1.34873	5.81883	4.32867	1
cg12377792	TTC30A	0.341976	0.160865	0.436261	-2.29375	0.142218	0.485572	-2.58013	0.414778	0.8905858	1.44287	1.44287	0.4025115	0.4025115	0.0455504	2.44287	2.44287	0.1443545	0.4455557	2.24455	0.0155504	0.4455557	2.29699	0.141484	0.430767	-2.28955	0.0998697	0.9995145	-1.00086	1.3487	1.83632	1.38433	1
cg11807492	GATS;GATS;GATS;GATS	0.341979	0.710795	0.969202	-1.03178	0.129659	1.14921	1.14921	0.339764	1.0865	1.0865	0.0794234	1.1807	1.1807	0.255904	1.1054	1.1054	0.162484	1.13477	1.13477	0.0848631	1.17642	1.17642	0.694855	1.03367	1.03367	0.997225	1.00029	1.00029	1.34312	0.1510077	0.0849562	1
cg03837093	OXER1	0.341998	0.30264	1.20291	1.20291	0.406068	0.891097	-1.17755	0.807137	0.9938	-1.00616	0.963844	1.02493	1.02493	0.749916	1.056444	1.056444	0.2764706	0.8173467	1.22356	0.4962812	0.6024812	-1.65777	0.9052812	1.06044	1.06044	0.6422822	0.9170774	-1.09042	1.34871	0.6328822	0.4170774	1
cg24738553	TBCD	0.341998	0.980212	0.991555	-1.00852	0.175055	0.610491	-1.63803	0.926647	0.9689984	-1.03201	0.681909	1.15143	1.15143	0.863771	1.06052	1.06052	0.656814	0.858122	-1.16534	0.0218866	0.2126864	2.5679	0.694685	0.87374	-1.14451	0.8234115	0.926377	-1.07947	1.3487	2.50075	1.64817	1
cg19127231	RPS6KA2;RPS6KA2	0.341982	0.5410141	0.639876	-1.5628	0.32664	1.94965	1.94965	0.0616188	1.39542	1.39542	0.0290169	1.454027	1.454027	0.0295743	0.4255513	-2.3501	0.732352	1.1268	1.25398	0.6186575	0.7183451	-1.3921	0.886176	0.9098802	-1.09903	0.9634912	0.966204	-1.03498	1.34869	9.284225	6.11905	1
cg05865615	MSLN;MSLN ARMC5;ARMC5;ARMC5;ARMC5;A RMC5;ARMC5;ARMC5;ARMC5;AR	0.341986	0.193421	0.647407	-1.54462	0.886669	1.04608	1.04608	0.781179	0.9157759	-1.09199	0.843882	0.939609	-1.06427	0.0253028	0.431638	-2.31676	0.364793	0.745122	-1.34206	0.493052	1.28856	1.28856	0.526416	0.816446	-1.22482	0.245826	0.2081489	-4.46737	1.34868	2.12303	1.40518	1
cg20643407	MCK5	0.341999	0.163442	0.399027	-2.5061	0.555496	1.44533	1.44533	0.925599	0.943938	-1.05939	0.0259172	5.12113	5.12113	0.896994	1.08329	1.08329	0.45392	0.624239	-1.60195	0.750135	0.8208898	-1.21818	0.855775	1.11894	1.11894	0.977491	0.982724	-1.01758	1.34865	8.14982	5.37151	1
cg09036512	STBS1A3	0.342001	0.0967644	0.6021134	-1.44481	0.800347	0.9503132	-1.05249	0.594142	1.1468	1.11468	0.850824	0.964225	-1.0371	0.0906032	0.604212	-1.41945	0.482092	0.865958	1.15479	0.147152	1.36894	1.36894	0.509088	1.14427	1.14427	0.771811	1.06046	1.06046	1.34865	0.8207085	0.5736868	1
cg24408603	TOR1AIP1	0.342009	0.6561562	0.947246	-1.05569	0.260228	0.8692026	-1.15047	0.204261	0.8504117	-1.1759	0.859626	0.9788818	-1.02164	0.681315	0.951284	1.05121	0.394332	1.11129	1.11129	0.0704987	0.783105	-1.27697	0.604171	0.775016	-1.2903	0.996474	0.999446	-1.00053	1.3486	2.13244	0.205936	1
cg24862410	SCFD2	0.342021	0.7915693	0.906435	-1.10322	0.341177	0.695039	-1.43877	0.0183401	0.43547	-2.43547	0.404399	1.37222	1.37222	0.605555	1.21315	1.21315	0.893003	1.05118	1.05118	0.0860218	0.21002	0.21002	0.662251	1.17706	1.17706	0.937957	0.97154	-1.02929	1.34859	2.93814	1.9366	1
cg08831701	HELZ;HELZ	0.342029	0.908091	1.02462	1.02462	0.7106	0.9506	-1.0506	0.4206	0.9506	-1.0506	0.4206	1.42539	1.42539	0.0909	0.980338	1.02462	0.9506	1.02462	1.02462	0.8682806	0.9506	1.02462	1.02462	0.8682806	0.9506	1.02462	1.02462	0.8682806

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. 637 vs. N)	F(Error)	SS(Test)	SS(Error)
cg14343687	KLHL13;KLHL13;KLHL13;KLHL13;KLHL13	0.342348	0.314502	0.413535	-2.41817	0.629163	1.51148	1.51148	0.754056	1.30579	1.30579	0.0683983	5.65235	5.65235	0.201671	3.14117	3.14117	0.281584	0.386738	-2.58573	0.223156	0.337352	-2.96426	0.962111	1.04115	1.04115	0.928375	1.07931	1.07931	1.34773	15.3832	10.1459	1
cg14151259	ID4	0.342356	0.302045	1.36334	1.36334	0.73418	0.905993	-1.10376	0.0376549	2.01165	2.01165	0.449218	1.25049	1.25049	0.406716	0.781893	-1.27895	0.264943	0.71406	-1.40044	0.648045	1.14251	1.14251	0.620612	0.865336	-1.15562	0.53082	1.20207	1.20207	1.34771	1.79358	1.18296	1
cg15232738	UBTD1	0.342364	0.064881	0.134219	-7.45048	0.445715	2.12343	2.12343	0.960175	1.04956	1.04956	0.276986	1.33447	-2.9901	0.145509	0.220016	-4.54512	0.270326	0.328945	-3.04062	0.669661	0.658661	-1.51547	0.121668	0.196828	-5.08059	0.315457	0.365864	-2.73325	0.74769	2.03983	13.2112	2
cg19154851	GCUA	0.342368	0.427435	0.379569	-2.63457	0.715653	0.646426	-1.54697	0.479808	0.423994	-2.35852	?	?	?	0.0501776	0.0660981	-15.129	?	?	?	0.705033	1.5739	0.427021	2.63696	2.63696	0.352046	1.34682	1.34682	1.37531	23.5567	17.1282	1
cg19191594	AGPAT3;AGPAT3	0.342372	0.673997	0.775428	-2.39651	0.618941	1.35175	1.35175	0.727108	0.83000	-1.23443	0.325334	1.84139	0.0314545	0.219408	4.55271	0.731443	0.789997	-1.26583	0.28829	0.470343	-2.12611	0.0212569	6.64946	6.64946	0.846168	1.14214	1.14214	1.34766	9.99247	6.59082	1
cg25089603	NIN2	0.342374	0.357554	2.04102	2.04102	0.2550847	1.37535	1.37535	0.941743	0.9466023	-1.05641	0.360956	2.22178	2.22178	0.684949	0.739083	-1.35303	0.4774	1.72247	1.72247	0.0606425	2.41411	0.0803382	4.3928	4.3928	0.360567	2.02163	2.02163	1.38199	12.0787	6.79786	1
cg25257291	SPON2;SPON2	0.342385	0.678153	1.10271	1.10271	0.72949	0.92581	-1.08014	0.505127	0.8534881	-1.17167	0.418734	1.12472	1.12472	0.339891	1.25916	1.25916	0.313749	1.27646	1.27646	0.428016	1.20874	1.20874	0.389714	0.813425	-1.22937	0.0266485	1.85044	1.85044	1.34764	1.1715	0.772711	1
cg15622040	IPO6;LPGK1	0.342403	0.748806	1.05439	1.05439	0.104857	0.746647	-1.33932	0.187689	0.794413	-1.25879	0.421644	0.87344	-1.1449	0.261973	0.824634	-1.21266	0.155299	0.778277	-1.28489	0.0637524	0.709251	-1.40994	0.690097	1.0683	1.0683	0.584203	0.912926	-1.09538	1.34759	0.579949	0.382543	1
cg00287016	MIR25;MCM7;MCM7;MIR106B;MIR93	0.342404	0.951141	1.05155	1.05155	0.0673373	0.57453	1.57452	0.0211491	0.71805	0.71805	0.810754	1.21748	1.21748	0.940781	0.940777	-1.06295	0.709007	1.36005	1.36005	0.671207	1.41944	1.41944	0.668501	1.42385	1.42385	0.981015	1.01971	1.01971	1.34759	14.3619	9.47334	1
cg02528112	NOM1	0.342409	0.658409	0.8854145	-1.12946	0.1350998	0.645496	-1.5492	0.565515	0.8639562	-1.15706	0.719953	0.9068	-1.10278	0.306194	0.750033	-1.33257	0.649381	0.544039	-1.8381	0.215696	0.713158	-1.40182	0.541484	1.18038	1.18038	0.104692	0.617604	-1.61916	1.34757	1.57607	1.03961	1
cg02303317	TUBGCP2;ZNF511;TUBGCP2	0.342411	0.615943	0.8788118	-1.13789	0.574972	1.15765	1.15765	0.798446	0.8602	-1.16235	0.460065	1.21452	1.21452	0.326501	0.769704	-1.2992	0.350724	0.78022	-1.28167	0.0349326	0.529396	-1.88894	0.833591	1.05587	1.05587	0.265308	1.3498	1.3498	1.34757	1.42493	0.939621	1
cg10739684	PHF21A;PHF21A	0.342413	0.3483	0.772159	-1.29507	0.175863	1.47019	1.47019	0.859753	0.590023	1.59265	0.0369765	-1.03509	0.657463	0.887365	-1.12639	0.361765	0.960384	1.04152	1.04152	0.920423	1.1057	0.904435	1.10572	1.10572	0.829284	1.20729	1.20729	1.02783	0.968134	1.02789	1.34755	1.11657	0.0267331	2.09154	2.01954	1.34756	1.5303	1.00943	1
cg25321720	BCR;BCR	0.342414	0.379566	0.421122	-2.37461	0.555552	0.6208	-1.58962	0.382404	0.9991927	1.99197	0.614433	0.676527	-1.47814	0.11876	0.277388	-3.60933	0.229403	-1.52583	0.279612	-3.57639	0.0794867	0.223984	-4.4706	0.241627	0.389485	-2.56749	0.74756	2.01819	0.33288	1.34755	0.218	0.0267331	2.09154	2.01954	1.34756	1.5303	1.00943	1
cg06987504	EIF3E	0.342417	0.879118	1.04685	1.04685	0.909898	1.03465	1.03465	0.603318	0.8540882	-1.17085	0.332357	0.740167	-1.35105	0.0969608	1.73	1.73	0.288496	0.717827	-1.39309	0.139444	0.619705	-1.61367	0.192782	1.51394	1.51394	0.939449	1.02312	1.02312	1.34755	1.93193	1.27436	1
cg21899513	PDAP1;BUD31	0.342418	0.227317	1.18488	1.18488	0.588556	1.07593	1.07592	0.798804	1.03476	1.03476	0.527996	1.08955	1.08955	0.898158	1.01729	1.01729	0.367173	1.13201	1.13201	0.440797	1.13095	1.13095	0.153449	0.814987	-1.22705	0.0395622	1.37523	1.37523	1.34755	0.38235	0.252211	1
cg21319745	UTP11L;UTP11L	0.342422	0.307411	0.66215	-1.50997	0.0213423	0.773016	1.11946	0.0494914	0.2904	-2.04642	0.656493	1.39085	1.39085	0.0597587	2.06792	2.06792	0.420791	1.37839	1.37839	0.0827923	0.650183	-1.53803	0.845117	1.0793	1.0793	0.302168	1.51766	1.51766	1.34754	3.2493	2.14337	1
cg24265642	POLR3B;POLR3B	0.342424	0.904876	0.977199	-1.02333	0.825928	0.958388	-1.04342	0.805265	0.9534551	-1.04882	0.61568	1.1027	1.1027	0.0195325	1.75278	1.75278	0.344705	0.828109	-1.20757	0.870275	0.968957	-1.03204	0.538548	0.886605	-1.1279	0.644627	1.09384	1.09384	1.34187	0.797374	0.448799	1
cg00850821	YPEL1	0.342426	0.308231	0.580982	-1.72102	0.2638574	1.12362	1.12362	0.622187	0.7734346	-1.29141	0.379256	0.829231	-1.20605	0.191397	0.490556	-2.03846	0.547904	0.739218	-1.35258	0.0220927	0.240217	-4.16146	0.345552	0.440074	-2.26207	0.67141	0.802753	-1.24571	1.34753	0.65808	0.73232	1
cg13594957	ASB10;ASB10;ASB10	0.342431	0.34243	0.18046	0.319783	-3.12712	0.53421	1.65642	0.165642	0.8944187	0.83548	-1.16492	0.363081	0.47268	-2.1156	0.0515592	0.175022	-5.71357	0.310857	0.431466	-2.31768	0.0847498	0.216915	-4.61009	0.260511	0.390314	-2.56204	0.820465	0.833413	-1.19989	1.34752	1.3715	0.94705	1
cg11175473	PDE10A;PDE10A	0.342433	0.758884	0.87414	-1.14398	0.219132	1.37953	1.37953	0.77163	0.645496	-1.5492	0.565515	1.40512	1.40512	0.895179	1.05928	1.05928	0.729246	0.940146	0.940146	0.997723	-1.03335	0.726465	1.16585	1.16585	0.671462	0.829942	-1.2049	0.409682	1.1454	1.1454	0.701851	0.845307	-1.183	1.34752	4.07991	2.68735	1
cg09662907	C1GALT1C1;C1GALT1C1	0.342432	0.276461	0.418431	-2.38988	0.188447	0.342146	-2.92273	0.385687	0.5040364	-1.98269	0.159564	3.17974	3.17974	0.195398	2.86898	2.86898	0.170527	0.325199	-3.07504	0.943859	0.947239	-1.0557	0.711937	1.33037	1.33037	0.962548	0.964506	-1.0368	1.34751	12.6419	8.33923	1
cg24741992	RPGR;RPGR	0.342441	0.0866598	0.243781	-4.10204	0.799474	0.827076	-1.20908	0.314665	0.4604961	-2.17174	0.0813	2.43826	2.42626	0.813425	0.838332	-1.19284	0.196348	0.360966	-2.77035	0.870462	1.12944	1.12944	0.960935	0.964126	-1.03721	0.700629	1.13395	1.13395	1.34749	1.81724	7.8318	1
cg01004451	ARC	0.342447	0.231221	0.878808	-1.13824	0.382417	0.795719	-1.2596	0.505993	0.8222778	1.22778	0.822778	0.815	0.815	0.0775336	1.77368	1.77368	0.697509	1.12344	1.12344	0.548157	1.19852	1.19852	0.404019	0.775336	-1.28976	0.148935	0.630483	-1.58609	1.34747	1.89522	1.25022	1
cg09693384	POS3	0.342462	0.0505533	0.461848	-2.16521	0.636862	1.1755	1.1755	0.770812	0.9005515	-1.10434	0.713806	0.88233	-1.13336	0.245716	0.660205	-1.51468	0.858025	1.06271	1.06271	?	?	0.165317	1.66139	1.66139	0.998313	1.00072	1.00072	1.37895	2.19221	1.39104	1
cg09955568	CTBP1;CTBP1	0.342470	0.872383	1.0004	1.0004	0.312668	1.16595	1.16595	0.519557	0.8134872	1.10708	2.50798	0.431191	1.53563	1.53563	0.0888786	3.60523	0.74	1.76762	1.76762	0.352895	1.66975	1.66975	0.0796127	0.475626	1.47558	1.47558	0.744379	6.1381	4.04937	1
cg06923440	AFAP1;AFAP1;LOC84740	0.342481	0.742952	0.806318	-1.24021	0.2525541	1.53776	1.53776	0.0754033	0.65069	3.65069	0.060075	0.925691	-1.08027	0.844385	0.879362	-1.13719	0.9105	1.12909	-1.07632	0.58772	1.43058	1.43058	0.712569	0.785007	-1.27387	0.698866	0.77546	-1.28956	1.34739	0.13202	6.02452	1
cg14657458	RNPPSA	0.342484	0.862671	0.963801	-1.03756	0.435486	0.844136	-1.18464	0.354506	0.8163997	-1.2249	0.947564	0.986091	-1.01411	0.335173	0.809242	-1.23572	0.985278	0.996078	-1.00394	0.02178	1.79752	1.79752	0.729372	0.928706	-1.07677	0.899902	0.973556	-1.02716	1.34738	0.967817	0.638487	1
cg04985661	PHACTR1	0.342485	0.72202	1.37986	1.37986	0.0167707	0.641644	-1.55949	0.234762	0.8849744	-1.13008	0.212477	0.774346	-1.29141	0.792726	0.429231	-1.14635	0.872385	0.991397	-1.00856	0.940556	0.940556	-1.06348	0.581889	1.23545	1.23545	0.243806	1.56023	1.56023	1.34737	1.28474	1.8741	1
cg25033325	TMEM131	0.342488	0.791998	1.03361	1.03361	0.947545	1.00826	1.00826	0.335889	1.13213	1.13213	0.701663	0.953001	-1.04932	0.630352	1.06252	1.06252	0.0969879	1.25587	1.25587	0.0817892	0.785674	-1.27279	0.476168	1.09484	1.09484	0.193188	1.18794	1.18794	1.34737	0.33379	0.220209	1
cg04819048	FBXO44	0.342489	0.897388	1.04544	1.04544	0.691139	1.03132	1.03132	0.793653	0.9177303	-1.08977	0.629944	0.91797	-1.21997	0.310744	0.745349	-1.34144	0.58097	0.890955	-1.12282	0.0995155	0.842	1.842	0.0900055	0.511532	1.96204	0.0196355	0.791094	1.26264	1.34736	0.17061	0.78988	1
cg06852103	FTSJ1;FTSJ1;FTSJ1	0.342490	0.0623867	0.089777	-11.1387	0.610026	0.559336	-1.78783	0.474942	0.439684	-2.27436	0.759611	1.41393	1.41393	0.359665	0.3440575	2.90634	0.0358702	0.0595599	-16.7898	0.316733	0.309278	-3.23333	0.951892	0.934205	-1.07043	0.984002	1.02288	1.02288	1.38168	27.2586	15.3445	1
cg04198759	ADORA1;ADORA1	0.342501	0.883925	0.952154	-1.05025	0.198432	1.57796	1.57796	0.150976	0.67618	0.6657796	1.99952	1.99952	0.88118	0.925604	-1.08018	0.157757	1.66018	1.66018	0.10093	1.79404	1.79404	0.73959	1.1019	1.1019	0.973727	1.01111	1.01111	1.34733	2.40351	1.58569	1
cg16508637	HS6ST2;HS6ST2	0.342511	0.887329	1.00704	1.00704	0.972736	1.27006	1.27006	0.0189715	0.7770176	0.830044	-1.20475	0.882388	1.13255	1.13255	0.310526	1.39732	0.689615	0.77417	-1.29137	0.788802	0.923305	-2.536	0.394383	0.323022	-3.09577	0.0185181	0.327109	-3.05784	1.34731	0.64747	0.72313	1
cg18074297	CLIC6	0.342515	0.0651657	13.4606	13.4606	0.487486	2.42483	2.42483	0.258973	4.38771	4.38771	0.41907	2.81996	2.81996	0.154118	6.79166	6.79166	0.859401	1.24937	1.24937	0.542665	2.16796	2.16796	0.178449	6.02016	6.02016	0.0486328	16.9133	16.9133	1.3473	33.6436	22.1966	1
cg21845817	FAHD2A;FAHD2A	0.342517	0.480407	1.0004	1.0004	0.312668	1.16595	1.16595	0.519557	0.8134872	1.10708	2.50798	0.431191	1.53563	1.53563	0.0888786	3.60523	0.7158	1.76762	1.76762	0.352895	1.66975	1.66975	0.0796127	0.475626	1.47558	1.47558	0.744379	6.1381	4.04937	1
cg02761523	NFIX;NFIX	0.342519	0.896347	0.891832	-1.12129	0.357175	0.431706	-2.31639	0.900138	0.8955599	-1.11657	0.272629	0.361629	-2.76527	0.069711	0.156193	6.40232	?	?	?	0.24702	0.339507	-2.94544	0.29748	0.382555	-2.61401	0.202439	0.16653	3.16653	1.42496	14.7321	7.75399	1
cg17919599	C14orf167;C14orf167;DHRS4;C14orf16	0.342522	0.125646	0.511329	-1.95569	0.126267	1.95319	1.95319	0.914665	0.957547	-1.04433	0.231602	1.6616	1.6616	0.71557	0.86234	-1.15963	0.188149	1.75838	1.75838	0.969105	1.0158	1.0158	0.401331	0.70635	-1.41573	0.535345	0.775653	-1.28924	1.34728	3.49491	2.30583	1
cg00288844	TXNDC11	0.342523	0.434427	0.693112	-1.44277	0.443853	1.4316	1.4316	0.18106	0.930314	0.93034	0.951684	0.973214	-1.02824	0.313835	0.619546	-1.61409	0.677247	1.21213	1.21213	0.352043	0.649635	-1.55298	0.0563394	0.370392	-2.69984	0.419126	0.684254	-1.46145	1.34725	4.50743	2.9739	1
cg25670451	SCNN1A	0.342525	0.887234	1.04544	1.04544	0.691139	1.03132	1.03132	0.793653	0.9177303	-1.08977	0.629944	0.91797	-1.21997	0.310744	0.745349	-1.34144	0.58097	0.890955	-1.12282	0.0995155	0.842	1.842	0.0900055	0.511532	1.96204	0.0196355	0.791094	1.26264	1.34736	0.17061	0.78988	1
cg00489325	ZAK	0.342535	0.182933	1.44713	1.44713	0.934072	1.02187	1.02187	0.985474	0.99525	-1.00477	0.121561	1.55108	1.55108	0.463723	1.21536	1.21536	0.0313069	1.93604	1.93604	0.171248	1.4637	1.4637	0.509622	1.19117	1.19117	0.335551	1.29654	1.29654	1.34724	1.4593	0.962823	1
cg11155707	IDA1	0.342542	0.282637	0.647059	-1.61875	0.220212	1.61034	1.61034	0.174391	0.9199	-1.08701	0.100139	1.66128	1.66128	0.196912	0.996312	0.996312	0.938706	1.45168	1.45168	0.0114168	0.938921	1.06474	1.06474	0.0179756	1.40314	0.712589	0.423193	0.67534	1.48072	1.34723	0.9721	2.62076	1
cg00343367	LOC732275	0.342545	0.952109	1.04301	1.04301	0.348438	1.96752	1.96752	0.404272	0.5497474	1.81904	0.628299	1.42215	1.42215	0.115738	0.361995	2.76247	0.951209	1.05183	1.05183	0.829996	1.06795	1.06795	0.662704	0.163743	-6.10715	0.0795696	0.962704	-1.03874	1.34728	1.47378	0.91973	1
cg13889221	CERCAM	0.342543	0.914735	1.0321	1.0321	0.200812	1.48981	1.48981	0.0478075	0.512903	-1.94969	0.415342	0.782198	-1.27845	0.593273	1.17241	1.17241	0.963616	1.01355	1.01355	0.595308	0.853703	-1.17137	0.303408	1.36959	1.36959	0.357863	1.32178	1.32178	1.34722	1.85747	1.22555	1
cg14640174	MTCH2;ASTN2;ASTN2	0.342547	0.1102037	0.701126	-1.42587	0.365776	0.569076	-1.75704	0.262474	0.4556447	-2.19491	0.356037	0.745458	-1.34167	0.165236	0.605732	-1.65104	0.0794498	-1.31613	-1.31613	0.751135	0.597207	-1.6747	0.0652169	0.65582	-1.52481	0.34121	0.570257	-1.7537	1.34722	0.67067

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4773 vs. N)	p-value(3537 vs. N)	p-value(3537 vs. 5377 vs. N)	Fold-Change(3537 vs. 5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 6377 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00439238	ATF6B;ATF6B	0.342861	0.127694	0.781432	-1.2797	0.122985	1.28432	2.43662	0.497201	1.10873	1.08373	0.860256	0.974083	-1.02021	0.73987	0.951329	-1.05116	0.579761	0.193656	-1.08774	0.452647	0.926413	-1.07943	0.112585	1.29475	1.24639	0.47815	0.315676	1
cg00492753	3J6	0.342864	0.624866	0.623243	-1.60451	0.292031	2.84842	2.84842	0.845856	1.20827	1.20827	0.74921	0.735126	1.36031	0.1213	0.199562	-5.02098	0.326082	0.278146	-1.59523	0.0532005	0.120326	-8.31054	0.788585	0.7727209	-1.29415	0.2912009	0.349663	-2.65989	1.34638	10.6273	12.9581	1
cg00242721	TRNT1	0.342868	0.707893	1.07671	1.07671	0.886398	0.9723315	-1.02847	0.9592221	1.2094	1.2094	0.38372	1.39175	1.09175	0.869769	0.03275	1.03275	0.821012	0.95647	-1.04551	0.102013	0.703627	-1.42121	0.0828852	1.45812	1.45812	0.1688015	1.33359	1.33359	1.36237	0.822499	0.543023	1
cg02668186	B8S0;B8S0;B8S9;B8S9	0.342872	0.269033	0.400411	-2.49743	0.0236032	0.116582	-8.57764	0.0985867	0.236884	-4.22147	0.95436	1.04656	1.04656	0.242401	0.378033	-2.64527	0.564122	0.629021	-1.58977	0.733992	0.762462	-1.31154	0.613234	0.6667798	-1.4997	0.91435	0.918014	-1.08931	1.34636	13.4806	8.90009	1
cg00593157	LIMS2;LIMS2	0.342877	0.429783	0.601064	-1.66372	0.813104	1.15946	-1.15946	0.384004	1.75535	1.75535	0.935498	0.950162	-1.05245	0.120974	0.345737	-2.89238	0.304734	0.511045	-1.95678	0.0576463	0.257726	-3.88008	0.159962	0.3874042	-2.5813	0.4564571	0.619396	-1.61448	1.34635	8.50635	5.61609	1
cg02038724	SYNM;SYNM	0.342878	0.135412	1.70976	1.70976	0.87683	0.949622	-1.05305	0.162607	1.64347	1.64347	0.71312	0.884199	-1.13097	0.882857	1.05037	1.05037	0.654034	0.860412	-1.16223	0.0437027	2.16572	2.16572	0.525688	1.23901	1.23901	0.5206636	0.804924	-1.24235	1.36434	2.36842	1.56369	1
cg07731261	ACHE;ACHE	0.342879	0.322039	1.23944	1.23944	0.8210207	1.74442	1.74442	0.654108	1.09926	1.09926	0.479505	0.859991	-1.1628	0.486544	0.66213	-1.51992	0.981873	1.00478	1.00478	0.4085868	0.837476	-1.19406	0.990412	1.02852	1.02852	0.143599	1.18147	1.18147	1.36434	0.938837	0.619844	1
cg00804148	PITPNA	0.342881	0.30633	3.08259	1.08259	0.137998	0.183105	-5.46133	0.6037683	1.76336	0.576833	-1.17336	0.5249941	0.98337	0.19837	0.400104	2.50183	0.75422	0.75422	?	?	?	?	0.861604	0.830706	-1.20379	0.5619391	0.53616	1.86511	1.34072	18.6601	15.9063	1
cg12748332	MPPED2	0.342895	0.265517	0.700306	-1.42795	0.874266	1.04982	1.04982	0.242619	1.45562	1.45562	0.795039	0.923185	-1.08321	0.468776	1.25396	1.25396	0.399375	0.767301	-1.30327	0.20469	0.663064	-1.50815	0.194689	1.52375	1.52375	0.14398	1.61922	1.61922	1.3663	2.00883	1.32699	1
cg00413818	CDLEC1;CDLEC1	0.342901	0.985811	1.0998	1.0998	0.9203161	1.16944	1.16944	0.844388	1.08802	1.08802	0.759253	1.75523	0.943492	1.03633	0.797202	1.27602	0.726568	0.730841	-1.38727	0.1241	0.397343	1.97343	0.724701	0.7975159	-1.39051	0.7619197	0.753306	1.34628	1.34628	18.5358	12.2383	1
cg02809624	C2orf63;RPS27A;C2orf63;RPS27A	0.342901	0.515957	1.18868	1.18868	0.203684	0.42199	1.42199	0.0243684	2.02191	2.02191	0.504299	1.1946	1.1946	0.957576	1.01072	1.01072	0.925546	1.02483	1.02483	0.822195	0.105904	1.05904	0.616495	1.14169	1.14169	0.250875	0.729912	-1.37003	1.34628	1.46828	0.969441	1
cg14132586	TMEM107;TMEM107	0.342903	0.0863439	1.565675	-2.73402	0.948859	0.96137	-1.04018	0.1565053	2.73993	2.73993	0.0389908	0.2813385	-3.55638	0.961056	1.02626	1.02626	0.696032	0.812125	-1.23134	0.0809911	0.9933005	-1.00674	0.429007	0.6451931	-1.5339	0.8092325	1.13703	1.13703	1.34628	0.61025	3.96884	1
cg12866403	PSMA8;PSMA8;PSMA8	0.342904	0.420619	0.3672778	-1.15303	0.0961043	0.7288866	-1.37199	0.6892541	0.9328	-1.07204	0.4245727	0.8683858	-1.1516	0.984886	1.00328	1.00328	0.157486	0.769814	-1.29902	0.1417321	1.3144	1.31448	0.323405	1.19306	1.19306	0.7403368	1.044072	-1.01924	1.36222	0.638631	0.421677	1
cg00741900	DIO3;DIO3;MIR1247	0.34293	0.274031	3.56912	3.56912	0.634191	1.7089	1.7089	0.235852	4.00931	4.00931	0.960461	0.874578	-1.14301	0.817918	0.772765	-1.29405	0.734866	0.683884	-1.46224	0.728058	1.47728	1.47728	0.0184905	2.43774	2.43774	0.344816	2.96737	2.96737	1.34621	26.6412	17.591	1
cg02514021	FLJ43663;FLJ43663	0.342954	?	?	?	?	0.0001285	0.634957	?	?	?	?	0.0001257	-1.60847	?	?	?	?	0.0001257	-1.60847	?	?	?	?	0.0001257	-1.60847	?	?	?	?	0.0001257	-1.60847	0.59775	1
cg18570262	YIPF2;C19orf52	0.342935	0.793495	0.927388	-1.0783	0.832035	0.940796	-1.06293	0.16184	0.651011	-1.53607	0.290331	0.729547	-1.37073	0.520614	0.829353	-1.20576	0.120759	0.616615	-1.62176	0.135716	1.58727	1.58727	0.427999	1.26178	1.26178	0.491493	1.22235	1.22235	1.34619	1.76039	1.16238	1
cg08242132	JAGN1	0.342937	0.789716	0.94227	-1.06127	0.238398	1.44633	1.44633	0.85413	1.0418	1.0418	0.134213	0.698341	-1.43238	0.226178	0.754098	-1.32624	0.15252	0.711094	-1.40552	0.0242431	0.754191	-1.32584	0.997019	0.994266	-1.00502	0.858223	1.04059	1.04059	1.34619	1.05542	0.696897	1
cg04982144	IFT57	0.342958	0.9672558	1.03844	1.03844	0.2796515	0.6330367	-1.57961	0.9633663	0.9816441	-1.0187	0.82554	0.944121	-1.05995	0.0215205	0.29742	-3.35625	0.695666	1.17339	1.17339	0.694161	1.17438	1.17438	0.993104	1.00352	1.00352	0.1061162	1.44684	1.44684	1.34619	3.52719	2.32901	1
cg21547976	STK11;STK11	0.342939	0.400613	1.13968	1.13968	0.257742	0.835709	-1.19659	0.2021194	0.8149551	-1.22707	0.68703	1.06348	1.06348	0.6659667	0.7309	-1.36818	0.617328	1.07956	1.07956	0.274472	1.18862	1.18862	0.536301	1.09984	1.09984	0.905934	0.982196	-1.01813	1.36418	0.492365	0.32511	1
cg04998020	CPOX	0.342943	0.836314	1.04661	1.04661	0.2284	0.6202158	-1.61227	0.4249922	0.9038118	1.18955	1.18955	0.544198	0.992312	-1.00778	0.944023	1.14762	1.14762	1.03162	1.03162	0.925446	0.984717	-1.01552	0.156973	0.7795727	-1.28283	0.563821	1.00078	1.00078	0.1909328	1.25635	1.25635	1.34617	0.577235	0.381153	1
cg07392520	HSPA9	0.342944	0.141664	2.67066	2.67066	0.198323	2.32819	2.32819	0.213009	2.25977	2.25977	0.361122	0.799243	1.79243	0.407423	1.69348	1.69348	0.701472	0.787077	-1.27052	0.586867	1.40644	1.40644	0.0381677	4.45329	4.45329	0.194277	2.34819	2.34819	1.34617	8.23864	5.44005	1
cg00598981	C1orf87	0.342946	0.346035	1.42679	1.64679	0.268195	1.81314	1.81314	0.1619603	2.79039	2.79039	0.135555	0.6865344	-1.45659	0.0819674	0.297469	-3.36124	0.552228	0.1838	1.1838	0.4089747	0.49322	2.19322	0.0239315	1.94835	1.94835	0.1937536	0.593644	-1.68452	1.36417	5.47384	3.73242	1
cg07733919	C22orf39;C22orf39	0.342948	0.520983	1.15846	1.15846	0.19068	1.36793	1.36793	0.797676	0.943572	-1.0598	0.309692	1.26831	1.26831	0.445536	0.838764	1.19223	0.112582	0.67669	-1.47778	0.242488	1.31859	1.31859	0.731908	0.925193	-1.08086	0.238246	0.75631	-1.32221	1.34616	1.08989	0.719671	1
cg01385975	LYSMD2;LYSMD2	0.342949	0.803212	1.14928	1.14928	0.205138	0.474749	-2.10638	0.246096	0.508621	-1.9661	0.697358	1.24331	1.24331	0.0271335	0.215413	-6.64224	0.891208	1.07924	1.07924	0.394873	0.615128	-1.62515	0.944196	1.03978	1.03978	0.565809	0.72363	-1.38192	1.34616	6.62073	4.37177	1
cg02586053	YPEL1;YPEL1;TBX6	0.342949	0.776352	1.0884	1.0884	0.2678026	0.919407	-1.0899	0.584722	1.20049	1.20049	0.5744	0.731444	0.8921932	-1.12079	0.4268772	2.34092	0.231685	1.1692	1.51492	0.0459944	0.466005	-2.1459	0.365021	0.7340765	-1.36208	0.540937	0.814696	-2.22745	1.34616	2.15345	1.54346	1
cg23447792	EP400NL	0.342953	0.63519	0.771196	-1.29669	0.688789	0.803437	-1.24465	0.470468	0.670905	-1.49052	0.386114	0.616935	-1.62092	0.0133134	0.188778	-5.29693	0.503715	0.69151	-1.44611	0.412542	0.634167	-1.57687	0.832071	0.890979	-1.12236	0.164895	0.44691	-2.23759	1.34615	6.30054	4.16038	1
cg15623122	ADAMTS1	0.342953	0.100961	0.539445	1.85709	0.332709	1.36577	1.36577	0.1639779	1.93569	1.93569	0.110165	0.10169	0.4498824	0.0001	0.0001	0.0001	0.004013	0.14203	1.14203	0.3615967	0.1144256	1.05093	0.4498824	0.1144256	1.05093	0.3615967	0.1144256	1.05093	0.4498824	0.1144256	1.05093	0.3615967	2.51564	1.67169	1
cg01283201	LHFPL2	0.342956	0.134923	0.98426	0.98426	0.46953	0.85919	1.85919	0.548205	0.420007	-2.38091	0.29226	0.475917	0.75017	0.624671	0.427221	0.427221	0.373889	0.68102	1.68102	0.132516	0.90554	0.90554	0.105685	0.4615591	-2.16642	0.0714068	0.77198	0.77198	1.34614	0.43488	28.6969	1
cg01874555	FKBP1	0.342961	0.978504	1.01699	1.01699	0.10184	3.06514	3.06514	0.0574479	3.83436	3.83436	0.545455	0.682012	-1.46625	0.815988	0.864332	-1.15696	0.703789	0.787475	-1.26988	0.588131	0.73036	-1.40774	0.736403	0.80952	-1.2353	0.248757	0.470453	-2.12561	1.34613	8.34024	5.50732	1
cg08170837	RYBP	0.342962	0.328304	1.24946	1.24946	0.1722388	1.2384	1.2384	0.1634883	1.19819	1.19819	0.307095	0.2244	1.19819	0.0640189	0.144622	1.76528	0.285877	0.78662	-1.27146	0.07229	0.388321	2.57481	0.0178528	0.6389319	1.56355	0.1774	0.4077	2.4077	1.34612	18.2272	12.036	1
cg00197173	CAPN11	0.342964	0.812306	0.868501	-1.15141	0.702059	1.23755	1.23755	0.0397419	0.244332	-4.09279	0.728964	0.8193956	-1.22036	0.0830956	0.320709	3.11809	0.736867	1.22125	1.22125	0.596341	0.728457	-1.37265	0.168415	0.418995	-2.38666	0.636698	0.577165	-1.73261	1.34612	7.48921	4.94539	1
cg10801670	PIGG;PIGG;PIGG4;MIR548F1;MIR548F1;PIGG4	0.342977	0.502658	0.719944	0.719944	0.4821951	1.81314	1.81314	0.1619603	2.79039	2.79039	0.135555	0.6865344	-1.45659	0.0819674	0.297469	-3.36124	0.552228	0.1838	1.1838	0.4089747	0.49322	2.19322	0.0239315	1.94835	1.94835	0.1937536	0.593644	-1.68452	1.36417	5.47384	3.73242	1
cg08729755	TMEM184A	0.342976	0.449359	0.711671	-1.40514	0.5240339	0.752092	-1.32962	0.66849	0.826897	-1.20934	0.240271	1.7203	1.7203	0.4688892	0.722422	1.38423	0.116507	0.12237	1.12237	0.13815	0.494405	-2.02263	0.577567	0.780165	-1.28178	0.207829	0.556553	-1.79677	1.34609	4.15049	2.74078	1
cg19503462	MDGA2	0.342979	0.979005	0.974103	-1.02659	0.532466	1.58744	-1.87742	0.597471	1.70131	1.70131	0.61065	1.56015	0.560015	0.643128	1.59233	1.59233	0.034723	0.0859406	-11.6559	0.802179	1.28564	1.2844	0.656792	1.56191	1.56191	0.965685	0.9580113	-1.04383	1.34608	21.1944	13.9958	1
cg19374562	RENBP;RENBP	0.342983	0.0881121	1.56844	1.56844	0.1994	0.2502553	-3.99414	0.0182007	0.882388	-1.13329	0.0973979	0.2125	1.41775	0.2825	0.836633	-1.36349	0.050416	0.0952	-10.5042	0.0053	0.1711353	1.69056	0.0053	0.2360078	-2.7347	0.429815	0.428078	2.33602	1.34607	31.6123	20.8887	1
cg23326689	STMN2	0.342992	0.905229	1.04493	1.04493	0.238544	1.57707	1.57707	0.926807	0.966661	-1.03449	0.150201	1.76684	1.76684	0.247048	0.639754	-1.5631	0.675106	1.16832	1.16832	0.140797	0.557311	-1.79433	0.162519	0.576805	-1.73369	0.879645	0.945617	-1.05751	1.36404	2.90333	1.91727	1
cg07638913	OSBPL1A;OSBPL1A	0.342995	0.35238	1.79124	1.79124	0.1718829	0.979702	-1.0536	0.9753825	1.08168	1.08168	0.0207071	0.020071	0.1447848	0.0001	0.0001	0.0001	0.301103	1.5406	1.5406	0.0860462	0.145753	1.85752	0.0150206	0.1249852	1.66	1.66	0.307997	0.30028	1.34607	0.29002	0.22366	1
cg21980685	LYRM2;LYRM2;LYRM2;LYRM2	0.342996	0.093708	0.601437	-1.66269	0.176893	-1.48576	1.48576	0.376473	1.28446	1.28446	0.534336	0.804644	-1.18956	0.648962	1.11908	1.11908	0.292881	1.35118	1.35118	0.193557	0.684224	-1.46615	0.567417	0.71285	1.17285	0.907277	1.01033	1.01033	1.34603	1.62193	1.07108	1
cg18853071	UBE2E1;UBE2E1;UBE2E1;UBE2E1	0.342997	0.883049	0.97525	-1.02538	0.856948	0.969746	-1.0312	0.936254	1.01371	1.01371	0.06204	1.43005	1.43005	0.0391892	1.50124	1.50124	0.776648	1.04962	1.04962	0.85385	1.03189	1.03189	0.38107	0.858163	-1.16528	0.769769	1.05124	1.05124	1.34603	0.617939	0.408073	1
cg14058863	ODAM	0.342998	0.394992	1.27824	1.27824	0.1718353	0.97702	-1.0536	0.9753825	1.08168	1.08168	0.0207071	0.020071	0.1447848	0.0001	0.0001	0.0001	0.301103	1.5406	1.5406	0.0860462	0.145753	1.85752	0.0150206	0.1249852	1.66	1.66	0.307997	0.30028	1.34603	0.29002	0.22366	1
cg19891728	ANK1	0.343001	0.896916	0.979966	-1.02044	0.0759128	0.36125	2.76125	0.0001	2.88754	1.18854	0.367268	1.15558	1.15558	0.246497	0.827608	1.2083	0.221977	0.81397	-1.2219	0.671041	0.935474	-1.06898	0.741968	0.940722	-1.05294	0.337216	1.16705	1.16705	1.34603	0.519665	0.343178	1
cg02931969	LONRF1	0.343003	0.379613	1.27856	1.27856	0.1718353	0.97702	-1.0536	0.9753825	1.08168	1.08168	0.0207071	0.020071	0.1447848	0.0001	0.0001	0.0001	0.301103	1.5406	1.5406	0.0860462	0.145753	1.85752	0.0150206	0.1249852	1.66	1.66	0.307997	0.30028	1.34603	0.29002	0.22366	1
cg17895689	FAM189A1	0.343002	0.357068	1.56029	1.56029	0.267335	1.72071	1.72071	0.52042	1.35796	1.35796	0.879498	1.0624	1.0624	0.364107	1.54967	1.54967	0.930175	1.04202	1.04202	0.0130203	4.25078	4.25078	0.921836	1.04718	1.04718	0.432513	1.45676	1.45676	1.34602	0.7027	0.30559	1
cg23950473	KIF4B;KIF4B	0.343018	0.870839	1.02855	1.02855	0.10231	0.733941	-1.36251	0.952824	0.984018	-1.01624	0.619857	1.0309	1.0309	0.455245	0.10133	0.10133	0.126658	0.75178	-1.33089	0.122755	1.3355	1.3355	0.27044	0.807088	-1.22902	0.754895	0.94726	-1.05568	1.34598	0.638071	0.421384	1
cg02095806	4I0193;MIB1L1	0.34302	0.92274	1.02567	1.02567	0.273607	0.742577	-1.34666	0.0529618	0.562959	-1.77633	0.729778	1.09482	1.09482	0.521376	1.18506	1.18506	0.304066	0.757246	-1.32057	0.1078192	0.6323563	-1.58137	0.8003355	1.06844	1.06844	0.592059	1.15178	1.15178	1.34597	1.4548	0.96076	1
cg03484704	CRYM;CRYM;KCNA5;KCNA5;MIB1;MIB1	0.343019	0.155125	2.35677	2.35677	0.1693173	0.764023	-1.30875	0.9548	1.1579	1.25709	0.105851	0.535119	0.5359119	0.0001	0.0001	0.0001	0.773	0.5359119	0.5359119	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1
cg02091786	GANAB;GANAB;INTS5	0.343024	0.957983	1.0266	1.0266	0.376807	1.57137	1.57137	0.610325	1.29172	1.29172	0.379491	1.56719	1.56719	0.32161	1.66576	1.66576	0.449031	1.46881	1.46881	0.0495887	3.03574	3.03574	0.107087	2.40272	2.40272	0.0610921	2.86276	2.86276	1.34596	2.29383	3.49611	1
cg21764043	PDE4A	0.343027	0.42632	0.646301	-1.54727	0.196196	2.08423	2.08423	0.622352	1.36685	1.36685	0.784198	1.15542	1.15542	0.4044038	0.7278008	1.24256	0.51004	0.698316	1.43202	0.554802	0.72542	-1.37851	0.609674	0.758329	-1.31869	0.6066533	0.756474	-1.32192	1.34595	6.15535	4.04029	1
cg03914985	CENPQ;MUT;MUT	0.343029	1.17994	1.51992	1.51992	0.427514	0.788084	-1.2689	0.6857	0.68357	-1.46291	0.63726	1.14985	1.14985	0.7022202	1.11956	1.11956	0.365999	1.31395	1.31395	0.166707	0.954028	-1.54012	0.9100444	1.18542	1.18542	0.2567954	0.706139	-1.41615	1.34593	1.84421	1.21664	1
cg00563890	MTG1	0.343042	0.665623	0.766592	-1.30447	0.121293	2.79249	2.79249	0.426721	1.64233	1.64233	0.50532	0.661523	-1.51166	0.0524714	0.259753	3.8498	0.953767	1.03608	1.03608	0.372143	0.571127	-1.75092	0.908131	1.07312	1.07312	0.406687	0.595176	-1.68017	1.34591	7.96611	5.2611	1
cg00546943	GSG1L;GSG1L	0.343044	0.566325	1.08455	1.08455	0.2678026	0.919407	-1.0899	0.584722	1.20049	1.20049	0.5744	0.731444	0.8921932	-1.12079	0.4268772	2.34092	0.231685	1.1692	1.51492	0.0459944	0.466005	-2.1459	0.365021	0.7340765	-1.36208	0.540937	0.814696	-2.22745	1.34616	2.15345	1.54346	1
cg14233716	C9orf79	0.343051	0.423951	1.60179	1.60179	0.0985516	0.351656	-2.84369	0.0776308	0.322551	-3.10028	0.750304	1.20225	1.20225	0.475774	0.658132	-1.51945	0.113725	0.370535	-2.6988	0.828518	0.88237	-1.13331	0.443469	0.637145	-1.5695	0.338096	0.565694	-1.76774	1.34589	7.09451	4.68555	1
cg11002952	PPM1L	0.343053	0.769585	1.03115	1.03115	0.194356	0.996996	-1.00256	0.9910122	1.13079	1.13079	0.768175	0.883215	1.2762679	0.3633331	0.7638205	1.30923	0.815576	1.00971	1.00971	0.919528	0.94368	1.06048	0.4998	0.9325571	1.0723	0.827787	0.939099	-1.06485	1.34589	1.77306	1.17102	1
cg02915570	EMP2	0.343057	0.249097	0.664887	-1.50401	0.483304	0.785552	-1.27299	0.394138	0.744001	-1.34408	0.962004	1.01627	1.01627	0.206985	0.637068	1.56969	0.988917	1.00472	1.00472	0.945840	0.460469	-2.1717	0.407409	0.433258	1.33258	0.134721	0.579058	0.726894	1.34588	2.44672	1.61594	1
cg13916266	CHD3	0.343068	0.142729	0.488254	-2.04811	0.318846	1.59811	1.59811	0.243283	1.74302	1.74302	0.194093	0.53515	-1.86863	0.160201	0.505202	-1.97941	0.629643	1.24747	1.24747	0.268509	0.591875	-1.68955	0.827776	0.905607	-1.10423	0.957409	0.975989	-1.0246	1.34584	4.41412	2.91539	1
cg02031965	FIS1	0.343072	0.125436	1.27448	1.27448	0.1707934	0.971185	-1.02961	0.9690508	1.04385	1.04385	0.692161	0.999007	-1.00097	0.9992161	0.999007	-1.00097	0.550178	1.06304	1.06304	0.511887	1.10276	1.10276	0.533144	0.918816	-1.06592	0.0181148	1.33489	1.33489	1.34581	0.237995	0.143983	1
cg26001902	SLC5A7	0.343085	0.478392	1.41394	1.41394	0.67287	1.22854	1.22854	0.910564	1.05549	1.05549	0.967755	0.98076	0.98076	-1.01962	0.976618	0.828905	1.20641	0.906173	0.94907	-1.05831	0.862688	1.15966	0.852479	0.864804	0.948901	0.969668	-1.03128	1.3458	4.92223	3.25174	1
cg09357795	KIAA0562	0.343086	0.310963	1.66515	1.66515	0.2678026	0.919407	-1.0899	0.584722	1.20049	1.20049	0.5744	0.731444	0.8921932	-1.12079	0.4268772	2.34092	0.231685	1.1692	1.51492	0.0459944	0.466005	-2.1459	0.365021	0.7340765	-1.36208	0.540937	0.814696	-2.22745	1.34616	2.15345	1.54346	1
cg03471705	GTF2A1;GTF2A1;GTF2A1	0.343094	0.517888	1.31936	1.31936	0.6652367	2.39897	2.39897	0.362486	1.48543	1.48543	0.985999	1.00745	1.00745	0.761607	0.879293	1.13728	0.406594	1.4318	1.4318	0.0965857	2.16245	2.16245	0.744091	0.870676	-1.14853	0.239028	0.593741	-1.68424	1.34578	7.80963	2.51627	1
cg02509825	XRN4	0.343094	0.785494	0.96612	-1.03507	0.293721	1.74752	1.74752	0.753364	1.04063	1.04063	0.265533	1.15788	1.15788	0.0956522	1.26017	1.26017	0.596188	1.0699	1.0699	0.0602797	1.570376	1.570376	0.129763	0.943885	1.00893	1.00893	0.687393	1.05244	1.05244	1.34578	0.340211	0.22471	1
cg17189397	PDE1C	0.343095	0.645602	0.738467	-1.35406	0.4179961	1.32771	1.32771	0.43441	0.749393	-1.33435	0.120138	0.5176196	1.91273	0.1227	0.403703	2.47599	0.154124	0.71696	1.39572	0.0672452	0.4958	2.0163	0.0961	0.5128935	1.52835	0.1085743	0.233166	1.34577	2.43233	1.47369	0.79679	1
cg17326690	NEK11;NEK11;ASTE1;ASTE1;NEK11	0.343096	0.986387	0.992617	-1.00744	0.996047	0.997851	-1.00215	0.110214	0.469502	-2.12992	0.347222	1.52255	1.52255	0.999863	0.999925	-1.00007	0.548007	0.76795	-1.30217	0.0294047	0.328182	-3.04709	0.887109	1.04769	1.06364	0.848699	1.08649	1.08649	1.34577	4.02071	2.6557	1
cg00770572	HLA-DQB1	0.343107	0.769585	1.03115	1.03115	0.194356	0.996996	-1.00256	0.9910122	1.13079	1.13079	0.768175	0.883215	1.2762679	0.3

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1121 vs. N)	p-value(1121 vs. N)	Fold-Change(1121 vs. N)	Ratio(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg17152156	SH2D5A		0.343413	0.902872	0.948739	-1.05403	0.132722	0.98382	0.18894	1.79987	1.79987	0.918159	0.957527	-1.04436	0.888125	1.06124	1.06124	0.917788	1.04456	0.856005	2.80929	2.80929	0.315563	1.54981	1.54981	0.176089	1.83305	1.83305	1.34494	3.79822	2.53034	1
cg23953395	ZNF259		0.343419	0.575961	1.28403	1.28403	0.617083	1.24986	1.24986	0.906612	0.949403	-1.0533	0.841159	0.915046	-1.09284	0.0153825	0.2682338	3.72803	0.990185	0.994573	-1.00546	0.607881	0.795344	-1.25732	0.853898	1.08498	1.08498	0.2899994	0.615142	-1.62564	1.34493	4.16973	2.75586	1
cg11616271	APEH;APEH		0.343423	0.544968	1.34389	1.34389	0.703172	0.831351	-1.20286	0.403607	1.51034	1.51034	0.461025	0.696233	-1.4363	0.0455476	0.330794	-3.02303	0.597328	0.773218	-1.2933	0.280608	1.71786	1.71786	0.810173	1.12311	1.12311	0.191584	0.513239	-1.94841	1.34492	4.95798	3.27686	1
cg12821980	NEU3		0.343429	0.327244	0.555622	-1.79978	0.131106	0.387808	-2.57819	0.615706	1.62548	-1.62548	-1.34189	0.437854	1.58383	1.58383	0.0527304	2.778192	-3.59503	0.226401	0.478039	-2.09188	0.156529	0.4145157	-2.41245	0.656012	0.770683	-1.29758	0.92885	1.05326	1.05326	1.9409	7.09193	4.75199	1
cg06091013	MAN1B1		0.343431	0.081144	0.62012	0.60212	0.362583	2.38045	2.38045	0.52566	1.81491	1.81491	0.822345	1.23174	1.23174	0.206327	3.43981	3.43981	0.483593	1.9349	1.93449	0.894632	0.884427	-1.13068	0.678874	1.47086	1.47086	0.0268649	11.3581	11.3581	1.3469	18.2967	12.0929	1
cg22980979	ARHBL1;MIR326;ARRB1		0.343434	0.502047	1.03548	1.03548	0.02240096	2.55282	2.55282	0.141976	1.73257	1.73257	0.980681	-1.00166	-1.00486	0.592382	1.20099	1.20099	0.740404	1.12271	1.12271	0.312253	1.43891	1.43891	0.944539	1.02451	1.02451	0.422308	0.751766	-1.3302	1.34489	2.58115	1.70598	1
cg27105478	ZSWIM6		0.343435	0.375371	1.80611	1.80611	7	7	7	0.236405	2.24509	2.24509	0.778389	1.20042	1.20042	0.784702	1.19399	1.19399	0.0499321	0.228239	-4.38137	0.827108	0.8679665	-1.15212	0.684323	1.30314	1.30314	7	7	7	1.37217	6.93126	5.05131	1
cg14655569	BICD2;BICD2		0.343444	0.0394258	0.63626	0.61826	0.320581	2.25697	2.25697	0.595339	0.6536658	-1.52985	0.659075	1.42075	1.42075	0.74549	0.7223391	-1.39477	0.922048	0.925304	-1.08073	0.976888	0.9790936	-1.02141	0.151237	1.38658	1.38658	0.1390436	3.53594	3.53594	1.34487	13.4001	8.85674	1
cg27396578	TRIM39;TRIM39		0.34344	0.171722	0.687936	-1.45362	0.67789	0.898469	-1.113	0.953535	0.985131	-1.01509	0.894091	0.95601	-1.04503	0.0226506	0.4959797	2.01695	0.65341	0.889644	-1.12404	0.948502	0.983531	-1.01675	0.912081	0.902468	1.08207	1.377036	1.33731	1.34487	1.4079	0.930549	1
cg27159987	ESYT2		0.343442	0.576464	0.715255	-1.3981	0.196682	2.24936	2.24936	0.123025	2.69728	2.69728	0.729535	0.813735	-1.2289	0.101151	0.3443161	-2.90393	0.65104	0.966279	-1.0349	0.318491	1.84466	1.84466	0.325816	1.82667	1.82667	0.806709	0.864521	-1.15671	1.34487	7.51196	4.96503	1
cg18105467	ATP6AP2		0.343445	0.681085	1.54624	1.54624	0.790775	0.219739	-4.54979	0.0510206	1.63849	1.63849	0.108927	0.530981	1.62127	1.62127	0.0542402	3.0103	0.400059	2.4807	2.4807	0.186601	1.16333	1.16333	0.539995	1.19434	1.19434	0.807085	0.772573	-1.29438	1.34486	23.6829	15.6599	1
cg14183176	HSPBAP1		0.343446	0.121992	0.634636	-1.57571	0.183523	0.681961	-1.46636	0.195217	0.689599	-1.45012	0.37898	0.782827	-1.27742	0.149251	0.6573651	-1.52122	0.474372	0.820896	-1.21818	0.895844	0.965094	-1.03617	0.276446	0.735586	-1.35946	0.0410457	0.52753	-1.89563	1.34486	1.56737	1.03596	1
cg21378616	SRM		0.343451	0.810639	0.950682	-1.05217	0.83493	1.03169	1.03169	0.146059	1.31198	1.31198	0.997941	1.00045	1.00045	0.436872	1.14961	1.14961	0.567318	0.903159	-1.10698	0.0288806	0.638148	-1.56704	0.858722	1.03185	1.03185	0.638325	1.08679	1.08679	1.34484	0.658173	0.459027	1
cg17577456	LOC731789		0.343456	0.0832613	0.68649	-1.45609	0.0982243	0.700618	-1.42731	0.615706	0.855713	-1.16862	0.414864	0.849164	-1.17763	0.966585	1.00825	1.00825	0.353072	1.20617	1.20617	0.226721	1.28273	1.28273	0.761589	0.942052	-1.06151	0.876411	0.96093	-1.031	1.34482	0.819685	0.541789	1
cg12176426	TAF3		0.34346	0.715178	1.07418	1.07418	0.626213	0.908606	-1.10059	0.183543	0.759182	-1.31721	0.464198	0.86462	-1.15658	0.813355	1.04727	1.04727	0.779435	1.05635	1.05635	0.0180779	0.574726	-1.74132	0.363259	0.833228	-1.20015	0.599146	0.901616	-1.10912	1.34482	0.81206	0.536749	1
cg17589341	SLC14A1;SLC14A1;SLC14A1		0.343465	0.13996	0.395379	-2.52922	0.163803	0.419717	-2.3826	0.585464	0.724847	-1.3796	0.477393	0.665062	-1.50357	0.0147761	0.2334907	-4.28108	0.454586	0.644311	-1.55489	0.20927	0.4615512	-2.16679	0.118403	0.37143	-2.6923	0.6077104	0.738563	-1.35398	1.34482	2.72094	2.8059	1
cg18063659	AFG3L2		0.343465	0.711563	1.16168	1.16168	0.977632	0.98875	-1.01138	0.674751	0.843405	-1.18567	0.582709	1.25096	1.25096	0.0473218	0.4002324	-2.49854	0.210123	1.70393	1.70393	0.513964	1.30615	1.30615	0.162594	1.82496	1.82496	0.564955	1.26461	1.26461	1.34481	3.4682	2.2924	1
cg15858059	CHMP4B		0.343466	0.775316	0.929276	-1.08099	0.480015	0.822854	-1.21528	0.0792971	1.6917	1.6917	0.240699	0.75586	-1.33692	0.296043	0.7446241	-1.34296	0.119415	1.58387	1.58387	0.740851	1.09454	1.09454	0.718924	1.10335	1.10335	0.762024	0.920669	-1.08617	1.3448	1.57741	1.04264	1
cg20483016	TTC5		0.343467	0.195297	0.767274	-1.30337	0.191015	0.765077	-1.30706	0.97595	0.994319	-1.00571	0.451651	0.862142	-1.15969	0.443135	0.6536232	-1.53029	0.714186	1.07374	1.07374	0.126327	0.726241	-1.37695	0.119557	1.38642	1.38642	0.379169	0.839862	-1.19067	1.3448	0.796926	0.526754	1
cg03088756	BCOR;BCOR		0.343471	0.510664	0.729727	-1.37038	0.529722	0.740346	-1.35072	0.493564	0.72012	-1.38866	0.184133	0.514111	-1.94511	0.0504161	0.348877	-2.86634	0.360986	1.55808	1.55808	0.246274	1.77286	1.77286	0.485602	0.715619	-1.39739	0.548633	0.750803	-1.33191	1.34479	4.7496	3.13943	1
cg00765885	TMS81L6		0.343501	0.0706912	0.262269	-3.81288	0.230045	0.434442	-2.30181	0.478911	0.620639	-1.61124	0.256525	0.195195	0.195195	0.249337	0.5045102	-2.22073	0.107601	0.912347	-1.09557	0.0239425	0.111771	0.949337	-1.05337	0.273125	1.11171	1.11171	0.703014	0.775582	-1.28896	1.34471	9.35199	6.18187	1
cg17081570	TEX264;TEX264;TEX264		0.343507	0.331624	0.846604	-1.18119	0.349815	0.852146	-1.17351	0.821913	1.03819	0.039713	0.607191	1.06716	1.06716	0.0513569	0.6915573	1.44598	0.316075	0.841708	-1.18806	0.226871	1.21205	1.21205	0.587503	1.09533	1.09533	0.258674	1.822073	1.21644	1.3447	0.588615	0.389094	1
cg11518257	AURKAIP1;AURKAIP1;AURKAIP1;AURKA		0.343513	0.606631	0.858728	-1.16451	0.64667	1.14493	1.14493	0.562009	1.18759	1.18759	0.147941	0.634338	-1.57645	0.787289	1.08254	1.08254	0.148875	0.635096	-1.57456	0.290359	1.37959	1.37959	0.225463	1.45252	1.45252	0.202207	1.48417	1.48417	1.34468	1.83135	1.2106	1
cg02351362	SHBG		0.343516	0.810638	0.867016	-1.15338	0.0945938	2.98107	2.98107	0.113878	0.364994	-2.73977	0.136311	0.385127	-2.59555	0.973964	1.00197	1.00197	0.364744	0.903615	-1.10667	0.615004	1.3288	1.3288	0.359296	1.75126	1.75126	0.618507	0.741975	-1.34775	1.34467	7.52638	4.97527	1
cg15641998	HS01781;HS01781		0.343518	0.9405666	0.977467	1.02335	0.534773	1.21183	1.21183	0.503568	1.23056	1.23056	0.865142	0.949373	-1.05333	0.587899	0.8824142	-1.13297	0.731264	1.07427	1.07427	0.0658485	0.538099	-1.85839	0.229623	0.6802655	-1.47002	0.128611	1.652	1.652	1.34467	1.98943	1.31511	1
cg03947749	ARFRP1;ARFRP1		0.343523	0.034202	0.226837	-4.40844	0.507328	1.49756	1.49756	0.550949	1.43652	1.43652	0.540051	1.45125	1.45125	0.158206	0.4042056	-2.47368	0.780009	1.18306	1.18306	0.987178	0.990398	-1.00969	0.483075	0.651847	-1.5341	0.416281	0.607265	-1.64673	1.34466	7.67596	5.07421	1
cg07990199	SAGE1		0.343528	0.24904	0.156028	-6.40935	0.0800207	0.483035	-2.48117	0.862197	0.240387	-4.15162	0.326556	0.371805	-2.68958	0.2960091	0.7230482	-1.38309	0.389199	0.38939	-2.56807	0.245976	0.38939	-2.56807	0.245976	0.422524	-2.36744	0.0634464	0.041486	-24.1065	1.34464	50.6205	33.4598	1
cg04922020	FAM127A		0.34353	0.054918	0.102419	-9.76379	0.704057	0.676601	-1.49107	0.502756	0.490682	-2.03798	0.165045	0.471269	0.471269	0.0962495	0.6596233	-1.51602	0.250039	0.284113	-3.51948	0.588451	0.775156	-1.48355	0.352452	2.10049	2.10049	0.528941	1.9408	1.9408	1.34464	23.336	15.4266	1
cg00284386	ARHGEF10		0.34354	0.70787	1.33832	1.33832	0.473846	0.568969	-1.75757	0.384782	0.50165	-1.99342	0.288855	2.3452	2.3452	0.848685	0.86254	-1.15937	0.658001	1.41061	1.41061	0.0490767	5.69319	5.69319	0.171675	3.08484	3.08484	0.230423	2.64861	2.64861	1.34461	12.7632	8.43741	1
cg20866375	TAX1BP3;TMEM93;TMEM93		0.343542	0.8124403	0.946004	-1.05709	0.301134	0.782628	-1.52015	0.278176	0.768685	-1.30092	0.361484	0.802272	-1.24636	0.0745601	0.35844	-2.78997	1.1449	1.1449	0.0466427	2.1449	2.1449	0.0466427	2.1449	1.12554	1.14645	0.2479	0.754412	-1.32554	1.34461	1.15044	0.766212	1
cg12430845	NIPBL;NIPBL		0.343543	0.491908	0.734741	-1.36102	0.862225	0.926166	-1.07972	0.776776	1.1374	1.1374	0.681903	0.833619	-1.19959	0.0402649	0.3925594	-2.54716	0.539481	0.760089	-1.31563	0.867606	1.07645	1.07645	0.880385	2.29624	2.29624	0.321903	1.57125	1.57125	1.3446	4.15239	2.74506	1
cg10075476	GFRA1;GFRA1;GFRA1		0.343545	0.0575591	2.26121	2.26121	0.490309	0.766284	-1.305	0.561106	1.25015	1.25015	0.692298	1.16313	1.16313	0.882079	1.05801	1.05801	1.105759	1.95674	1.95674	0.91906	1.03937	1.03937	0.863311	1.06765	1.06765	0.181623	0.583508	-1.71377	1.3446	3.07356	2.03188	1
cg27399012	NCRNA00188;NCRNA00118;NCRNA001 88;NCRNA00188;NCRNA00118;NCRNA0		0.343546	0.3068	2.14451	2.14451	0.402227	0.541467	-1.84683	7	7	7	0.841893	-1.1878	1.182693	7	7	7	0.177802	0.484347	-2.06464	0.451581	0.678224	-1.47444	0.713185	0.829524	-1.20551	0.765254	0.859338	-1.16369	1.34459	5.4577	3.608	1
cg01861131	LOC440351;LOC440351;LOC440335;LOC44035		0.34547	0.0308378	2.675377	2.675377	0.408619	0.821218	-1.2177	0.734835	0.841893	-1.1878	1.182693	0.488764	-2.04598	0.0865207	0.383453	-2.60788	0.177802	0.484347	-2.06464	0.451581	0.678224	-1.47444	0.713185	0.829524	-1.20551	0.765254	0.859338	-1.16369	1.34459	5.4577	3.608	1
cg11112833	CACNA2D3		0.34547	0.558938	0.883381	-1.13201	0.0485038	0.623193	1.60464	0.404599	0.583576	-1.19593	0.334375	1.23231	1.23231	0.742138	0.9330171	-1.07173	0.622027	1.10989	1.10989	0.273265	1.27026	1.27026	0.269452	1.27289	1.27289	0.724878	0.928543	-1.07696	1.34459	0.937436	0.619725	1
cg00720339	PTPN2;PTPN2-PTPN2		0.343558	0.346889	1.19209	1.19209	0.1384015	1.3356	1.3356	0.0990112	1.38831	1.38831	0.924584	0.982971	-1.01732	0.488702	1.13609	1.13609	0.841281	0.964281	-1.03704	0.598767	1.10111	1.10111	0.826576	0.960977	-1.04061	0.1013773	0.72257	-1.38395	1.34456	0.700764	0.463275	1
cg08337623	ADAMTS14;ADAMTS14;ADAMTS14		0.343563	0.7804453	0.915087	-1.09272	0.340708	0.825	-1.21212	0.379738	-1.02557	0.0218859	0.0852606	1.16481	1.16481	0.0542402	3.0103	3.0103	0.984309	1.0049	1.0049	0.965189	1.16033	1.16033	0.539995	1.19434	1.19434	0.807085	0.772573	-1.29438	1.34456	23.6829	15.6599	1
cg26764685	LOC284440		0.343569	0.124944	0.679781	-1.47106	0.778076	0.934649	-1.06786	0.217579	0.739747	-1.35181	0.338764	0.75353	-1.32716	0.0190504	0.2755021	-3.62955	0.139162	6908	-1.44677	0.251221	0.756851	-1.32126	0.710306	0.90058	1.09058	0.730749	0.83059	1.18355	1.34453	1.15002	0.760292	1
cg04367351	RLA2R1;RLA2R1		0.343577	0.329238	1.64952	1.64952	0.534773	1.21183	1.21183	0.503568	1.23056	1.23056	0.865142	0.949373	-1.05333	0.587899	0.8824142	-1.13297	0.675552	0.966528	-1.03508	0.428778	0.96404	0.96404	0.810626	0.923	0.923	0.719327	0.772522	1.29507	1.34453	0.684375	0.514629	1
cg24485408	DMAP1;DMAP1;DMAP1;DMAP1		0.343575	0.551676	1.18346	1.18346	0.729964	0.907629	-1.10177	0.293699	1.35616	1.35616	0.565914	1.17623	1.17623	0.330711	0.75523	1.3241	0.0972302	0.601046	-1.66377	0.0672509	0.563475	-1.7747	0.84786	1.05519	1.05519	0.858633	1.05113	1.05113	1.34452	1.66598	1.10141	1
cg04967410	KIAA0513		0.343577	0.341796	0.597784	-1.67285	0.167971	0.240412	-2.16383	0.78979	1.15217	1.15217	0.692451	1.23221	1.23221	0.274025	0.4641054	-2.15455	0.397136	0.634163	-1.57688	0.0774621	0.356662	-2.80377	0.167644	0.461832	-2.16529	0.627999	0.773766	-1.29238	1.34451	5.87571	3.88457	1
cg12180123	PAPOLG		0.343582	0.65115	0.80082	-1.12256	0.51563	0.676592	-1.47725	0.0343867	0.739747	-1.35181	0.338764	0.75353	-1.32716	0.0190504	0.2755021	-3.62955	0.139162	0.931178	1.02218	0.459832	0.826018	-1.21063	0.992716	0.997684	-1.00232	0.549742	0.857515	-1.16616	1.3445	1.13768	0.80818	1
cg18720642	DACH2;DACH2		0.343587	0.293215	0.205229	-4.8726	0.994616	1.00985	1.00985	0.961863	0.93291	-1.07191	0.198081	7.21133	7.21133	0.678838	1.83073	1.83073	0.189481	0.132838	-7.52796	0.601003	0.464704	-2.15191	0.650892	1.93796	1.93796	0.0477328	0.0373287	-26.7891	1.34449	44.9166	29.696	1
cg03083381	TNXB		0.343593	0.806704	0.763578	-1.31011	0.630508	1.11511	1.11511	0.203041	0.57035	-1.75331	0.642885	0.867276	-1.15241	0.0999482	0.6875241	-1.45464	0.152164	0.650165	-1.53706	0.0178227	0.374727	1.37627	0.549383	0.802024	-1.24645	0.844667	0.85024	-1.16955	1.83848	1.03541	1.34447	1.83887	0.914937	1
cg17794813	RPS6KA3		0.343593	0.0500813	0.645537	-18.3306	0.586982	0.489638	-2.04232	0.676575	1.72662	1.72662	0.166916	0.81053	0.81053	0.124185	3.76442	3.76442	0.247885	1.20748	-4.81978	0.808789	1.37113	1.37113	0.104756	0.649262	-1.54021	0.987176	1.02114	1.02114	1.34447	36.0924	23.8623	1
cg04554652	LDB1		0.343597	0.517623	1.20434	1.20434	0.576233	1.17356	1.17356	0.943212	1.0204	1.0204	0.938487	1.02212	1.02212	0.456065	1.80641	-1.24006	0.521411	1.20226	1.20226	0.0911464	0.590135	-1.69453	0.137278	0.635303	-1.57405	0.143585	1.56117	1.56117	1.34446	1.71067	1.11101	1
cg22516105	BTBD7;BTBD7;BTBD7;KIAA1409;BTBD7		0.34361	0.15158	1.40241	1.40241	0.426324	1.19577	1.19577	0.69854	1.19577	1.19577	0.69854	1.0019	1.08044	0.591204	0.887505	-1.12675	0.310495	1.25754	1.25754	0.520692	1.15408	1.15408	0.0381004	1.69745	1.69745	0.195535	1.35575	1.35575	0.320733	1.25336	1.25336	1.34443	1.03162	0.682071	1
cg00874641	SLC19A2		0.343599	0.075329	0.604953	-1.65274	0.2438	1.12174	1.12174	0.435663	1.34705	1.34705	0.353148	1.1374	1.1374	0.0156633	0.4959755	2.01695	0.773326	0.965351	-1.03599	0.533524	0.926922	-1.07884	0.894008	1.01688	1.01688	0.338371	1.12807	1.12807	1.34442	0.317475	0.209005	1
cg07945777	MFSD4		0.343614	0.411937	0.695952	-1.43688	0.0583878	0.396896	-2.51955	0.0958129	0.453669	-2.20425	0.207017	0.562727	-1.77706	0.403751	0.691319	-1.44651	0.069097	0.415277	-2.40803	0.268282	0.607619	-1.64577	0.655504	0.823648	-1.21411	0.7408888	0.866425	-1.15417	1.34442	3.97496	2.62813	1
cg10246853	MAPC1		0.343616	0.307336	1.15002	1.15002	0.6027507	2.17288	2.17288	0.932085	1.03209	1.03209	0.818911	0.593063	-1.68616	0.561409	1.24313	1.24313	0.831506	1.08217	1.08217	0.331054	1.59299	1.59299	0.109347	1.94152	1.94152	0.806793	1.09506	1.09506	1.34441	2.92471	1.91374	1
cg13907059	MAN1B1		0.343617	0.335982	0.628019	-1.59231	0.2167042	0.464058	2.26036	0.36169	0.58042	1.72341	0.326204	0.54459	-1.83574	0.0390234	0.3194459	-3.13059	0.911178	1.02218	1.02218	0.498832	0.8326018	-1.21063	0.992716	0.906584	-1.10355	1.0644	1.0644	0.827127	0.539514	1.34441	0.827127	0.539514	1
cg08464137	EIF3		0.343618	0.368698	0.742989	-1.34501	0.389359	0.752892	-1.32821	0.0327989	0.447762	-2.23333	0.818449	1.07679	1.07679	0.977031	1.00931	1.00931	0.693845	0.880471	-1.13576	0.260307	0.685371	-1.45906	0.413604	1.30857	1.30857	0.358246	1.35525	1.35525	1.34441	2.20445	1.45753	1
cg01012640	ASTN2;ASTN2;ASTN2		0.343618	0.14822	1.37966	1.37966	0.5630504	1.11511	1.11511	0.203041	0.57035	-1.75331	0.642885	0.867276	-1.15241	0.0999482	0.6875241	-1.45464	0.152164	0.650165	-1.53706	0.0178227	0.374727	1.37627	0.549383	0.802024	-1.24645	0.844667	0.85024	-1.16955	1.83848	1.03541	1.34447	1.83887	0.914937	1
cg06749514	VT1A;VT1A;ZDHHC6		0.343618	0.50761	1.11942	1.11942	0.324797	0.843121	-1.18607	0.858015	0.03051	1.00351	0.043522	0.677357	-1.47633	0.951795	0.9899051	-1.0102	0.369689	1.1672	1.1672	0.334764	0.846247	-1.18169	0.862829	1.02945	1.02945	0.237192	1.231	1.231	1.34441	0.599607	0.396505	1
cg03314166	MIR2		0.343622	0.458358	0.924019	1.08216	0.7836	1.03361	1.03361	0.812412	0.96412	1.74623	0.875513	1.13743	1.13743	0.0387739	0.6216851	1.60501	0.958084	1.04343	1.04343	0.857619	1.12729	1.12729	0.7811447	1.28746	1.28746	0.0760515	1.63596	1.63596	1.30546	0.802042	0.582069	-1.21293	1.34439	1.65549	1.23205	1
cg08456760	MTDH		0.343603	0.488506	1.09421	1.09421	0.121741	1.23939	1.23939	0.0742773	1.28976	1.28976	0.943121	1.00917	1.00917	0.869947	1.02119	1.02119	0.557141	1.07893	1.07893	0.257345	1.16327	1.16327	0.195299	1.19154	1.19154	0.0537416	1.32342	1.32342	1.34438	0.348522	0.230439	1
cg26321464	MAP2K7		0.343632	0.536348	1.71711	1.71711	7	7	7	0.650166	1.47762	1.47762	0.210287	0.312294	-3.20211	7	7	7	0.320921	0.409787	-2.44029	0.131733	0.23266	-4.29811	7	7	7	7	7	7	1.46152	8.55424	5.85296	1
cg15768556	MPG;MPG;MPG		0.343636	0.845262	0.90704	-1.10263	0.0355712	1.1887	1.1887	0.0302235	2.43091	2.43091	0.352245	1.57573	1.57573	0.670085	1.2522	1.2522	0.237127	1.79864	1.79864	0.0204052	1.98203	1.98203	0.0504346	1.70146	1.70146	0.877854	1.07562	1.07562	0.617399	0.787649	-1.2696	1.34436	4.78302	3.15253	1
cg23606392	BNIP3		0.343639	0.465581	1.27899	1.27899	0.0532478	2.07028	2.07028	0.198801	1.56824	1.56824	0.197662	1.57024	1.57024	0.388766	1.34003	1.34003	0.0434345	2.16188	2.16188	0.380326	1.34743	1.34743	0.729908	1.1217	1.1217	0.416655	1.31663	1.31663	1.34435	2.33793	1.54584	1
cg07253394	RPS6KA2;RPS6KA2		0.343642	0.660034	0.829629	-1.20554	0.631992	0.815579	-1.22612	0.0959961	1.642607	-1.64112	0.0609562	1.62124	1.62124	0.0647202	3.0902	3.0902	0.315568	1.04832	1.04832	0.718377	1.12739	1.12739	0.0450697	1.63776	1.63776	0.157911	1.52388	1.52388	0.150609	1.50663	1.34434	1.38011	2.55129	1.65279	1
cg05266437	CSF3R;CSF3R;CSF3R		0.343642	0.661955	0.709144	-1.41015	0.468137	0.780116	-1.78016	0.450931	0.548777	-1.82225	0.191626	0.33961	-2.94455	0.0923715	0.2352254	-4.25072	0.933736	0.9371	-1.06712	0.142635	0.291976	-3.42493	0.0748779	0.212283	-4.71068	0.330614	0.45646	-2.19077	1.34434	12.9944	8.59202	1
cg03207310	TNK2;TNK2		0.343654	0.452638	1.14133	1.14133	0.111916	1.34864	1.34864	0.0801708	1.3985	1.3985	0.94964	0.989146	-1.01097	0.251121	1.2302	1.2302	0.342144	0.844415	-1.18425	0.805131	0.95819	-1.04363	0.319338	0.837501	-1.1946	0.912704	1.01913	1.01913	1.34431	0.635607	0.420278	1
cg12

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(129T vs. N)	Fold-Change(129T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg25375160	MED18;MED18	0.344	0.356143	0.853116	-1.17493	0.775377	1.27554	-1.27554	0.381558	1.16467	1.16467	0.47082	0.882848	-1.1327	0.18741	0.788745	-1.26784	0.794817	1.04526	1.04526	0.133461	0.759625	-1.31644	0.494498	1.12506	1.12506	0.30139	0.833712	-1.91946	1.34341	0.633811	0.406139	1
cg02961557	C15orf45	0.344004	0.05824429	0.62192	-1.60792	0.640443	0.900875	-1.11003	0.664581	1.10165	1.10165	0.349088	0.807425	-1.2385	0.122073	0.689446	-1.45044	0.910085	1.02539	1.02539	0.49087	1.1649	1.1649	0.37439	0.938217	-1.06585	0.248402	1.30702	1.30702	1.3434	1.0477	0.693237	1
cg02930687	KRTAP13-1;KRTAP11-1	0.344007	0.116159	0.190917	-5.23789	0.859904	0.84254	-1.18689	0.7402	0.724172	-1.38089	0.188563	0.258961	-3.86158	0.0701695	0.140397	-7.12268	0.594209	0.597939	-1.67241	0.059777	0.127449	-7.84628	0.338644	0.384213	-2.60272	0.24611	0.308388	-3.24267	1.34839	20.0119	13.2414	1
cg23668876	EIF2C3;EIF2C3	0.344008	0.6104576	0.871745	-1.14713	0.588587	1.15709	-1.15709	0.728909	0.911229	-1.09742	0.53451	0.18303	0.18303	0.0250754	0.490632	-2.03817	0.648008	1.13064	1.13064	0.360502	1.28553	1.28553	0.362342	1.28423	1.28423	0.78566	0.329756	-1.07555	1.34339	1.5189	1.00502	1
cg25304146	WBP11P1	0.344008	0.672686	1.09569	1.09569	0.888531	1.03065	-1.03065	0.375305	1.21639	1.21639	0.156254	0.721036	-1.38689	0.117938	0.693853	-1.44123	0.608261	1.11773	1.11773	0.129472	1.42285	1.42285	0.461744	1.17503	1.17503	0.408342	1.19979	1.19979	1.34339	0.986071	0.652461	1
cg19326166	DNTTIP2	0.344008	0.161857	1.30538	1.30538	0.393716	0.855008	-1.16948	0.936354	0.985832	-1.01435	0.0382851	0.53471	1.53471	0.377592	1.1703	1.1703	0.272713	1.22646	1.22646	0.296872	1.21283	1.21283	0.9547	0.989916	-1.01039	0.853062	0.967462	-1.01363	1.34339	0.677234	0.448111	1
cg21395812	ESPNL	0.344013	0.0642648	0.224817	-4.44806	0.263643	2.30822	2.30822	0.940802	0.948082	-1.05476	0.810377	1.18833	1.18833	0.22032	0.396506	-2.52203	0.735294	1.27583	1.27583	0.16391	0.34956	-2.86074	0.249041	0.421106	-2.3747	0.462157	0.584316	-1.7114	1.34337	10.9635	7.25437	1
cg20976694	NATB1	0.344014	0.51793	0.827796	-1.20792	0.09268358	0.586579	-1.7068	0.679475	0.848991	-1.17801	0.574149	0.884042	-1.13091	0.574149	0.848991	-1.17801	0.574149	0.848991	-1.17801	0.574149	0.848991	-1.17801	0.574149	0.412701	0.785475	-1.27292	0.574149	0.848991	-1.17801	0.574149	0.848991	-1.17801	0.574149	0.848991	-1.17801

File: ESM_23 (Online Resource 23)

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cg14658556	PRDX	0.344405	0.807484	1.23841	0.392479	1.23407	0.12407	0.028108	1.86385	1.86385	0.368943	1.248	1.248	0.18108	1.0219	1.0219	0.58255	1.02011	0.570409	0.871379	-1.14761	0.346498	0.792357	-1.26206	1.34212	1.22517	0.811437	1			
cg04022019	DCAF13;SLC25A32	0.344495	0.15172	0.846014	-1.18201	0.675533	1.0469	1.0469	0.466946	1.08393	1.083993	0.990759	1.00126	1.00126	0.966214	0.995399	-1.00462	0.392763	1.00001	1.02003	1.00402	0.940096	0.99185	-1.00822	0.026784	1.33064	1.33064	1.24212	0.251981	0.166888	1
cg26063563	KCNN2	0.344495	0.729123	1.38956	1.38956	7	7	7	0.340117	2.53549	2.53549	0.0487539	0.118838	-8.41479	0.932294	1.08374	1.08374	0.376082	2.36231	2.36231	0.272694	0.3394661	-2.94585	0.365265	0.414633	-2.41177	0.59716	0.6036691	-1.65654	1.33972	16.8913	12.6081	1
cg17922249	Clorf58;C3orf58	0.344497	0.327019	1.41566	1.41566	0.638987	0.850172	-1.17623	0.883792	1.05153	1.05153	0.499254	1.26569	1.26569	0.542381	1.23602	1.23602	0.460466	1.29452	1.29452	0.0920583	0.4650931	-2.15039	0.260539	1.495051	1.495051	0.260564	0.686058	-1.4576	1.34212	0.21504	2.508471	0.661838	1
cg22466012	PLD1;PLD1	0.344498	0.120412	0.333202	-3.00118	0.772022	0.837245	-1.20869	0.362299	0.542866	-1.84207	0.174938	0.390139	-2.56319	0.0687542	0.26474	-3.77729	0.278923	2.08436	2.08436	0.833066	1.147663	0.627608	0.72693	-1.37565	0.328707	0.518043	-1.93034	1.34211	9.04751	5.99224	1
cg08567182	CREB5;CREB5;CREB5	0.344503	0.685862	0.835572	-1.19679	0.693411	1.1913	1.1913	0.328278	1.56169	1.56169	0.819646	0.904033	-1.10615	0.175205	0.528923	-1.89064	0.288496	0.614596	-1.62709	0.150606	1.97508	1.97508	0.100542	2.21382	2.21382	0.729187	1.165935	1.165935	1.3421	0.414837	2.74752	1
cg26930053	GABRD	0.344508	0.891784	1.02835	1.02835	0.862742	1.03617	1.03617	0.847553	0.961249	-1.04031	0.951318	0.987541	-1.01262	0.360119	1.21313	1.21313	0.256058	0.783912	-1.27565	0.0187492	1.79478	1.79478	0.74642	1.0689	1.0689	0.836105	0.958353	-1.04346	1.34208	0.896325	0.593654	1
cg19054685	AATK;VAR52;VAR52;VAR52	0.344517	0.354274	0.517266	-1.95402	0.842587	0.860586	1.15	0.901606	1.09083	1.09083	0.28343	0.45687	-2.18859	0.195028	0.581572	-2.62074	0.153148	0.241202	-2.99382	0.0163153	0.181213	-5.51825	0.644573	1.5389	1.5389	0.358867	0.515122	-1.94092	1.34206	10.5019	6.95573	1
cg20814179	TMEM175	0.344518	0.216856	2.33248	2.33248	0.784658	1.19546	1.19546	0.70196	0.778326	2.58481	0.615159	0.74358	-1.34485	0.0935126	0.772472	1.29455	0.213514	2.3485	2.3485	0.0198669	0.4704231	4.70421	0.152587	2.71455	2.71455	0.915038	1.072203	1.07203	1.3426	0.029276	5.98071	1
cg19755007	GAUNT4	0.34452	0.663798	1.26077	1.26077	0.575033	0.740728	-1.35002	0.592179	1.33175	1.33175	0.804245	0.876713	-1.14062	0.852693	0.900621	-1.1035	0.584679	0.746449	-1.33968	0.042041	1.45986	3.45986	0.321388	0.581127	-1.7208	0.122962	2.42398	2.42398	1.34205	5.96654	3.95186	1
cg13272158	USP2	0.344535	0.343735	1.17087	1.17087	0.736026	1.04426	1.04426	0.95006	0.233775	2.83007	-1.23348	0.0954632	0.959454	-1.04206	0.886041	1.12954	0.487048	1.12722	1.12722	0.285493	0.628551	1.59099	0.062818	0.701176	-1.42618	0.1273	1.187007	1.34204	0.611292	0.404885	1
cg05527272	HSF2BP;HSF2BP;RRP1B	0.344525	0.642011	0.912759	-1.09558	0.114041	1.39821	1.39821	0.845423	0.103878	0.790659	0.949449	-1.05324	0.942703	0.0611475	0.100065	1.00065	0.250561	0.79129	-1.26376	0.0965961	0.7007703	-1.42714	0.524957	1.13384	1.13384	0.210009	1.29379	1.29379	1.34204	0.808019	0.535185	1
cg07935295	WDR7;WDR7	0.344528	0.236886	0.747087	-1.34213	0.588833	1.11916	1.11916	0.937246	1.03882	1.03882	0.037019	0.562664	-1.77726	0.329999	0.763656	-1.30959	0.504569	0.851473	-1.17444	0.418934	0.821928	-1.21665	0.215985	1.13384	1.13384	0.664969	0.901714	-1.1091	1.34203	1.19834	0.79372	1
cg01215919	MORC3	0.344534	0.721331	1.07766	1.07766	0.265702	0.784904	-1.27414	0.956018	1.01158	1.01158	0.139492	1.39384	1.39384	0.0156114	0.956016	1.05158	0.721331	1.07766	1.07766	0.265702	0.784904	-1.27404	0.983626	0.999724	-1.00429	0.716063	0.926558	-1.07926	1.34201	0.926799	0.63187	1
cg17605382	USP34	0.34454	0.923748	0.980018	-1.02039	0.892889	1.02881	1.02881	0.423872	1.18792	1.18792	0.500525	0.865742	-1.15508	0.345917	1.2271	1.2271	0.0996621	0.683554	-1.46294	0.319988	0.805201	-1.24193	0.0898601	1.48318	1.48318	0.568944	1.12905	1.12905	1.342	0.944797	0.625797	1
cg08246632	UU1	0.344548	0.685863	0.835572	-1.19679	0.693411	1.1913	1.1913	0.328278	1.56169	1.56169	0.819646	0.904033	-1.10615	0.175205	0.528923	-1.89064	0.288496	0.614596	-1.62709	0.150606	1.97508	1.97508	0.100542	2.21382	2.21382	0.729187	1.165935	1.165935	1.3421	0.414837	2.74752	1
cg06004102	AACS	0.344549	0.712537	1.07123	1.07123	0.242051	0.796391	-1.25567	0.304487	1.21863	1.21863	0.11404	0.726406	-1.37664	0.56519	0.897533	-1.11417	0.444164	0.864983	-1.15609	0.190266	1.29423	1.29423	0.2481	1.2517	1.2517	0.689586	1.07751	1.07751	1.34197	0.734776	0.486696	1
cg24750674	AATK	0.344552	0.738472	1.29799	1.29799	0.09055	2.86235	2.86235	0.664837	1.23686	1.23686	0.0178	1.6998	2.73969	0.937852	1.0524	1.0524	0.440223	0.647997	-1.54322	0.0178943	1.16592	1.16592	0.0958209	2.80537	2.80537	0.0844965	1.15844	1.15844	0.3142	1.79851	1.79851	1.34197	0.759007	0.447705	1
cg24729988	DAPK2	0.344556	0.64063	0.7098	1.40888	0.188648	0.76545	1.76045	0.215397	2.58737	2.58737	0.304777	0.46081	-2.17009	0.39984	0.533443	-1.87445	0.120218	3.41717	3.41717	0.271298	0.30462	3.28342	0.881346	0.80683	-1.11504	0.4556	0.574644	-1.74021	1.34196	1.12959	7.4822	1
cg09268672	KIRREL2;KIRREL2;KIRREL2	0.344558	0.87252	0.980271	-1.02013	0.87472	1.01977	1.01977	0.108877	1.24231	1.24231	0.804966	0.969766	-1.03118	0.132	1.22352	1.22352	0.828607	0.973455	-1.02727	0.0678878	0.77588	-1.28886	0.786509	0.966873	-1.03426	0.751872	0.961405	-1.04014	1.34195	0.327264	0.216775	1
cg00860657	SH2D4B;SH2D4B	0.344564	0.9417	1.06041	1.06041	0.570927	1.42325	1.56421	0.070535	0.348047	2.87157	0.0140442	1.46176	1.46176	0.0849351	1.11543	1.11543	0.507592	0.694845	-1.43917	0.163422	0.456296	2.20948	0.188254	2.12777	2.12777	0.273614	0.539552	-1.85339	1.34194	6.2339	4.12929	1
cg14871736	NMNAT3	0.344564	0.478361	0.687019	-1.45556	0.591292	0.754036	-1.3262	0.212206	1.98256	1.98256	0.734127	1.19429	1.19429	0.314085	0.581951	-1.71836	0.201036	0.494942	-2.02044	0.0696113	0.347522	-2.87752	0.157531	0.455132	-2.19726	0.052629	0.828823	0.954534	-1.04763	1.34194	5.76512	3.81877	1
cg13210067	ANKMY1;ANKMY1	0.344573	0.325829	0.780913	-1.2806	0.731655	0.888603	1.12544	0.88271	0.122379	1.35536	0.583394	0.717411	-1.39377	0.248941	0.776178	-1.28836	0.120302	0.666666	-1.49998	0.0172666	-1.42718	0.0156602	0.700255	1.37876	1.37876	0.552966	0.884605	0.795948	-1.31692	1.34192	0.97851	0.622333	1
cg13169796	TMEM135;TMEM135;TMEM135	0.344573	0.241587	0.609333	-1.65581	0.172888	0.550602	-1.81619	0.588526	0.798752	-1.25195	0.655107	1.20318	1.20318	0.114473	0.493476	2.02644	0.529047	0.769235	-1.29999	0.742388	0.873105	-1.14534	0.2429	1.65327	1.65327	0.223731	1.691195	1.691195	1.34191	3.59724	2.38282	1
cg23992130	LONRF3;LONRF3	0.344575	0.927257	0.983046	-1.01725	0.746025	0.849826	-1.17671	0.917279	1.0534	1.0534	0.743898	1.17839	1.17839	0.269197	0.562046	-1.77921	0.284953	0.573408	-1.7439	0.0272754	0.220354	-3.69885	0.939881	0.611089	-1.63642	0.349357	1.61992	1.61992	1.34191	5.32845	3.5296	1
cg26977011	RNASEH2A	0.344575	0.574333	1.13466	1.13466	0.470907	0.996563	1.11132	1.11132	1.82569	1.82569	0.74982	1.43076	1.53718	0.579178	1.43072	1.43072	0.588614	1.30031	1.30031	0.254546	1.10073	0.814756	0.872163	-1.14657	0.777431	1.00573	1.00573	1.07013	1.34191	1.07553	0.515043	1
cg15102593	LNP1;LNP1;TOMM70A	0.344582	0.6291	0.805769	-1.24105	0.148201	1.99024	1.99024	0.09265	2.27299	2.27299	0.250561	1.70361	1.70361	0.365273	0.661807	-1.51102	0.862927	1.0797	1.0797	1.184034	0.535089	-1.86885	0.906014	1.05381	1.05381	0.711862	1.17895	1.17895	1.34189	4.18457	2.77193	1
cg05403431	CDB8;CDB8;CDB8;CDB8;CDB8	0.344582	0.280801	2.2317	2.2317	0.449373	1.1241	1.2384	0.953809	1.1698	1.1698	0.622491	0.934284	-1.07002	0.321598	0.534353	-1.87055	0.155622	0.607907	-1.64526	0.0653249	0.30309	3.30309	0.0817355	1.54212	1.54212	0.0695638	1.41288	1.41288	0.3189	2.73725	1.54013	1
cg25080026	OPCML;OPCML	0.344588	0.280262	2.65873	-1.51844	0.043474	0.421444	-2.37279	0.075718	0.479299	2.08493	-0.260303	0.664008	-1.54797	0.743105	1.13019	1.13019	0.24222	2.1916	2.1916	0.0787146	0.2504	1.02507	0.651646	1.18428	1.18428	0.761732	1.893	1.11982	1.34187	2.94315	1.94961	1
cg24055349	MDH1;C2orf86	0.344592	0.169505	2.18361	2.18361	0.781397	0.864852	-1.15627	0.551736	1.37068	1.37068	0.096284	2.67436	2.67436	7	7	7	0.12752	2.42126	2.42126	7	7	7	0.487116	0.690534	-1.44815	0.575629	1.34449	1.34449	1.34156	4.50966	2.73453	1
cg16285240	SMC3	0.344593	0.985373	1.00301	1.00301	0.975373	1.19235	1.19235	0.170704	0.40926	0.40926	0.827728	0.974081	1.02609	0.554299	1.10294	1.10294	0.842782	1.03106	1.03106	0.810861	1.34088	1.34088	0.0976203	1.34254	1.34254	0.227977	1.127159	1.14165	1.34186	0.65924	0.377744	1
cg26001764	EXTL3	0.344593	0.168539	0.525119	-1.90433	0.344331	0.652053	-1.53362	0.792029	0.890463	-1.12301	0.628368	0.807247	-1.23878	0.104571	0.45893	-2.17898	0.501707	0.741306	-1.34897	0.0705549	0.411798	-2.42818	0.0542916	0.383362	-2.6085	0.722876	0.855289	-1.1692	1.34186	4.09599	2.7133	1
cg07947261	GAL4S	0.344593	0.451954	0.693292	-1.44212	0.392427	0.615577	-1.62439	0.242342	0.836406	0.661161	1.3592	1.33562	2.04624	0.0311857	0.503348	1.98707	0.193017	0.470666	-2.12445	0.0481857	0.503348	1.98707	0.377013	0.600209	-1.66617	0.440622	0.139677	1.139677	1.34182	0.70951	0.622333	1
cg16417447	MAT2B;MAT2B	0.344604	0.20656	1.48066	1.48066	0.0398712	2.01356	2.01356	0.166153	1.545	1.545	0.95465	1.0169	1.0169	0.810095	0.931153	1.0735	0.527574	1.20752	1.20752	0.576668	0.846911	-1.18076	0.799343	1.07793	1.07793	0.371889	0.763299	-1.3101	1.34183	1.84662	1.22196	1
cg16138239	HDAC4	0.34461	0.486448	0.820494	-1.21878	0.227086	1.42589	1.42589	0.987033	0.995464	-1.00456	0.37863	1.28753	1.28753	0.772335	0.923707	-1.08259	0.31334	1.33878	1.33878	0.0221625	2.15401	2.15401	0.956037	0.984694	-1.01554	0.739524	1.09933	1.09933	1.34182	1.66353	1.10201	1
cg21309049	STK17A	0.34621	0.32293	1.24034	1.24034	0.479736	1.34271	1.34271	0.132379	1.32232	1.32232	0.189511	0.749933	1.33406	0.248841	0.776178	-1.28836	0.120302	0.666666	-1.49998	0.0172666	-1.42718	0.0156602	0.700255	1.37876	1.37876	0.552966	0.884605	0.795948	-1.31692	1.34182	0.97851	0.622333	1
cg04124636	SOX8	0.34629	0.879899	1.06995	1.06995	0.362501	0.658021	-1.51971	0.503532	1.35289	1.35289	0.257083	1.69708	1.69708	0.653481	0.817038	-1.22393	0.188971	0.536705	-1.86322	0.133169	0.484597	-2.06357	0.843856	1.09219	1.09219	0.130426	2.07593	2.07593	1.34177	4.34919	2.31499	1
cg13983401	PBRC1;PRRC1	0.34631	0.707508	1.13018	1.13018	0.497805	0.799199	1.25597	0.101583	0.558283	1.79121	0.582373	0.834987	-1.19762	0.0656539	0.847753	-1.1564	0.899753	1.14275	1.14275	0.317236	0.624628	1.60095	0.0178946	0.850447	1.17496	0.246234	1.74594	1.74594	1.34176	4.52329	0.114312	1
cg01629007	PXDN	0.34632	0.935272	0.943934	-1.0594	0.072842	1.43117	1.43117	0.845858	1.14827	1.14827	0.340112	0.21047	2.01047	0.124557	0.418629	2.38875	0.883117	0.900772	-1.11016	0.186907	0.37018	-2.70139	0.224591	2.47479	2.47479	0.556357	1.52599	1.52599	1.34176	10.7231	7.10387	1
cg13212362	ECE1	0.34632	0.0547129	0.455564	-2.19508	0.810793	1.09039	1.09039	0.466731	1.30632	1.30632	0.178217	0.596838	-1.6755	0.16511	0.586123	-1.70613	0.818808	1.08631	1.08631	0.367537	0.716081	-1.39649	0.436005	1.33206	1.33206	0.933651	0.970405	-1.0305	1.34176	2.76623	1.83258	1
cg20721129	C2orf72	0.34633	0.0493316	1.58232	1.58232	0.0536185	1.45733	1.45733	0.201389	1.83282	1.83282	0.221407	1.94714	1.94714	0.0855809	0.784759	-1.27452	0.667082	1.38156	1.38156	0.251407	0.724179	1.38156	0.251407	0.724179	1.38156	0.251407	0.724179

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112 117 vs. N)	Fold-Change(112 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	p-value(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17381377	ABCC8	0.344981	0.688034	0.845609	-1.18258	0.0380965	2.75306	2.75306	0.224301	1.69954	1.69954	0.208473	1.5648	1.5648	0.244744	1.5648	0.603169	-1.65791	0.492857	1.93557	1.93557	0.8832921	0.915973	-1.09174	0.5536083	1.28269	0.850109	1.08177	1.08177	1.34084	3.66569	2.43021	1
cg12452840	DDX1	0.344989	0.837161	1.08232	1.082239	0.590279	0.811446	-1.23237	0.9954408	0.99779	-1.00221	0.809696	0.911434	-1.09717	0.0314576	0.379132	2.6376		0.08625566	0.4826515	-2.07205	0.7841156	0.899841	-1.11131	0.36491	1.43026	1.43026	0.697143	0.860423	-1.16222	1.34083	3.13759	2.08003	1
cg16515820	ZBTB20	0.344994	0.105453	0.7633	-1.3101	0.0986161	1.3186	1.3186	0.686554	1.06391	1.06391	0.392849	0.874881	-1.14301	0.519136	0.905019	-1.10495		0.6035746	0.9231119	-1.08328	0.158502	0.794386	-1.25883	0.952203	1.0092	1.0092	0.621181	1.07904	1.07904	1.34082	0.495192	0.328286	1
cg24088042	TNNI3I3T1	0.344997	0.750184	1.11182	1.111182	0.992475	1.002089	1.002089	0.1110356	0.587009	-1.76355	0.166522	1.57085	1.57085	0.119986	0.5966615	-1.67602		0.9408407	0.9775736	-1.02298	0.6823	0.8816512	-1.13429	0.441174	1.27184	1.27184	0.22718	0.678305	-1.47426	1.34081	1.99046	1.31957	1
cg17667912	MAD1L1;MAD1L1;MAD1L1	0.344998	0.0466647	0.14224	-7.03038	0.42886	0.500841	-1.99664	0.0605561	0.163381	-6.12066	0.760476	0.769679	-1.29924	0.214597	0.326756	-3.06039		0.980417	0.979206	-1.02124	0.805676	1.23494	1.23494	0.645121	1.48741	1.48741	0.817792	0.820719	-1.21844	1.3408	15.5653	10.319	1
cg22972989	VSTM2A	0.345002	0.101671	0.675274	-1.48088	0.103561	0.675219	-1.481	0.2642121	1.29046	1.29046	0.2122369	1.749897	-1.33352	0.189408	0.7374044	-1.35609		0.3914438	0.824976	-1.21216	0.4343527	0.839637	-1.19099	0.679103	0.912878	-1.09544	0.928463	1.01987	1.01987	1.34079	1.0957	0.679333	1
cg26161024	MAP3K6	0.345006	0.414341	1.24035	1.24035	0.0942851	1.607722	1.607722	0.4694071	1.20924	1.20924	0.333552	1.29365	1.29365	0.371664	1.78917	-1.26715		0.3072325	1.31369	1.31369	0.0501809	1.77955	1.77955	0.8562353	0.954272	-1.04792	0.425994	1.23347	1.23347	1.34079	1.14494	0.938049	1
cg02092906	PDK3;RWDD2A ///MJD7;MJD7-PLA2G4B;MJD7-	0.345009	0.507539	0.860608	-1.16197	0.8843442	1.013003	1.013003	0.0735509	1.5612	1.5612	0.743613	1.07603	1.07603	0.993203	0.997215	-1.00279		0.211749	0.745478	-1.34142	0.1242022	0.688412	-1.45051	0.550414	0.873803	-1.14442	0.283088	0.779558	-1.28278	1.34078	1.05868	0.701869	1
cg20698170	PLA2G4B	0.34501	0.274952	1.38323	1.38323	0.512512	0.827193	-1.20891	0.970375	1.01066	1.01066	0.15407	0.646738	-1.54622	0.0466916	1.91654	1.91654		0.621171	0.867377	-1.1529	0.499127	0.822043	-1.21648	0.633618	1.147	1.147	0.850819	1.05525	1.05525	1.34077	1.73232	1.14847	1
cg19738333	REEP4	0.345015	0.616051	1.05522	1.05522	0.7855886	0.962123	1.041299	0.4226566	1.09014	1.09014	0.888201	0.994429	-1.00457	0.872158	0.9770934	-1.02353		0.5086268	1.07389	1.07389	0.8133183	0.899452	-1.11179	0.567266	0.940374	-1.06341	0.221975	0.872442	-1.14621	1.34077	0.936993	0.1559107	1
cg00359181	GAUM	0.345015	0.143959	0.414042	-2.41521	0.333578	0.571087	-1.75105	0.885815	0.922462	-1.08406	0.491926	0.675656	-1.48004	0.317787	0.559883	-1.78609		0.244458	1.98167	1.98167	0.625383	1.31835	1.31835	0.241165	1.99209	1.99209	0.1887	2.18635	2.18635	1.34076	6.69964	4.44168	1
cg00100538	WWC2	0.345017	0.31175	2.29458	2.29458	0.325167	0.446047	1.93891	0.2954651	0.422571	-2.36569	0.2834443	0.422582	2.42168	0.2780093	1.305518	1.305518		0.6348	1.46193	1.46193	0.0773662	0.7606	2.47069	0.421005	1.92008	1.92008	0.153893	1.302039	1.302039	1.34076	13.7355	8.88765	1
cg04550103	HIURP	0.345029	0.25254	0.525541	-1.9028	0.0911939	0.367365	-2.72209	0.1593931	0.715684	-1.39727	0.789328	0.865762	-1.55505	0.100581	0.979772	1.63516		0.3795665	0.615568	-1.62452	0.0602403	0.319571	-3.12919	0.132357	0.417216	-2.39684	0.446231	0.65841	-1.51881	1.34073	6.15233	4.07894	1
cg27604101	TLK2;TLK2	0.345029	0.618634	0.726775	-1.37594	0.0863036	3.33714	3.33714	0.730468	0.802578	-1.24599	0.598215	0.7130468	1.4024	0.351435	1.84017	1.84017		0.273556	2.06393	2.06393	0.66401	0.753738	-1.32042	0.0451063	0.31479	0.31479	0.557698	1.45799	1.45799	1.34072	8.58762	5.69352	1
cg09874822	CACNA1H;CACNA1H	0.345033	0.429992	0.731229	-1.40207	0.0876452	0.453452	-2.2081	0.0996305	0.500551	1.00051	0.008576	0.331991	0.73954	-1.80962	1.1633			0.3914438	0.824976	-1.21216	0.4343527	0.839637	-1.19099	0.679103	0.912878	-1.09544	0.928463	1.01987	1.01987	1.34079	1.0957	0.679333	1
cg14649272	LOC730668	0.345036	0.225109	1.10239	1.10239	0.264158	0.914801	-1.09313	0.112889	0.876321	-1.14113	0.240463	1.09859	1.09859	0.387946	1.07005	1.07005		0.187342	1.1129	1.1129	0.760702	0.9769	-1.02365	0.917407	1.00797	1.00797	0.87405	0.987936	-1.01221	1.34071	0.124294	0.0824071	1
cg27472716	PXDN	0.345038	0.893435	0.934749	-1.06028	0.326555	1.556331	1.556331	0.676272	1.208538	1.208538	0.424511	1.445678	1.445678	0.0253639	0.313272	-1.31212		0.341415	0.651737	-1.53436	0.9185353	1.0458	1.0458	0.609078	1.25263	1.25263	0.72285	0.855978	-1.16825	1.3407	4.04953	2.68485	1
cg11357542	MEIS1	0.345044	0.579878	0.588751	-1.70004	0.0600185	1.728111	1.728111	0.6707108	1.489713	1.489713	0.0575169	1.306061	1.306061	0.0575169	1.306061	-1.14039		0.690029	0.683994	-1.462	0.469067	2.000752	2.000752	0.776217	-1.1511	0.867785	0.853976	-1.17099	0.34669	0.109385	0.196274	0.126367	1
cg05043463	CCL24	0.345045	0.566742	0.836742	-1.19511	0.3431312	0.740358	-1.3507	0.0722964	0.539348	-1.85409	0.283604	0.709704	-1.40904	0.6534452	0.870132	-1.14925		0.315746	1.37615	1.37615	0.310654	1.38113	1.38113	0.366946	1.33015	1.33015	0.347286	0.742382	-1.34702	1.34068	2.011185	1.33388	1
cg10089193	C1QTNF8	0.345051	0.206327	1.54877	1.54877	0.1016861	1.22832	1.22832	0.2412705	1.49726	1.49726	0.94237	1.02641	1.02641	0.796361	1.099326	1.099326		0.576696	1.20331	1.20331	0.4904477	1.32231	1.32231	0.279933	0.586849	-1.45669	0.3438	1.3772	1.3772	1.34067	2.28697	1.5163	1
cg02490989	MTMR7	0.345052	0.585668	0.86187	-1.16027	0.46338	0.807004	-1.23915	0.016652	1.60919	1.60919	0.471503	0.820539	-1.21871	0.404154	0.79412	-1.25926		0.290967	1.34438	1.34438	0.343204	0.768205	-1.30174	0.214584	0.702698	-1.42309	0.30446	1.33269	1.33269	1.34067	1.54848	1.02667	1
cg10092518	DAB1	0.345056	0.436469	0.799394	-1.25103	0.1028217	0.894678	-1.11723	0.6178355	1.084431	1.084431	0.2009539	1.354134	1.354134	0.0273647	1.36873	-1.37105		0.2628611	1.83537	1.83537	0.1885131	1.72097	1.72097	0.1618455	0.9018836	-1.10885	0.6695959	0.881486	-1.13445	1.3064	3.84167	2.32826	1
cg04315682	SNAPIN	0.345063	0.299371	1.17385	1.17385	0.807157	0.963202	-1.0382	0.0395223	0.701278	-1.42597	0.473546	0.89706	-1.11475	0.42916	1.12781	1.12781		0.652828	1.06981	1.06981	0.202901	1.22179	1.22179	0.788657	1.04085	1.04085	0.8201	0.966623	-1.03453	1.34064	0.471559	0.31266	1
cg01899437	CCDC149;CCDC149 ///AGXT2L1;AGXT2L1;AGXT2L1;A	0.345074	0.609218	1.22505	1.22505	0.785878	1.113117	1.113117	0.279146	1.55736	1.55736	0.537687	0.782165	-1.2785	0.1004	0.501408	-1.99438		0.607148	0.815316	-1.22652	0.360272	0.693781	-1.44138	0.0503276	0.415466	-2.40694	0.670903	0.845123	-1.18326	1.34061	3.29104	2.18212	1
cg08000278	GXT2L1	0.345075	0.363342	2.61931	2.61931	0.18363	0.231949	-4.3113	0.551954	1.85665	1.85665	0.691339	1.50673	1.50673	0.575874	0.559323	-1.78788		0.386557	0.400712	-2.49556	0.9014854	0.880627	-1.13555	0.0334933	0.0732868	-13.645	0.906197	0.88603	-1.12863	1.37442	22.4506	12.7046	1
cg14594295	DOK7;DOK7	0.345078	0.467368	0.657015	-1.52125	0.0704048	1.636703	-1.46163	0.5863531	1.36621	1.36621	0.1616744	1.306121	1.306121	0.3577014	1.306121	-1.14039		0.493318	0.673367	-1.48507	0.1023084	0.952079	-1.05021	0.8407	1.02466	-1.02466	0.786664	1.16665	1.16665	1.34062	6.85444	4.54487	1
cg01990402	ZNF260;ZNF260;ZNF260;ZNF260	0.345079	0.1457	0.758164	-1.31898	0.385794	1.170067	1.170067	0.287217	1.215361	1.215361	0.47873	0.880175	-1.13614	0.606051	1.08145	1.08145		0.2660729	1.228	1.228	0.289232	1.828854	-1.21528	0.187747	0.780814	-1.28071	0.462694	1.13974	1.13974	1.34059	0.5669946	0.442223	1
cg21275122	PDHA1	0.345082	0.103123	0.199251	-5.01881	0.154297	0.251647	-3.97381	0.774631	1.2966	1.2966	0.431959	2.05935	2.05935	0.616147	0.632968	-1.57986		0.129365	0.227032	-4.40467	0.359029	2.34745	2.34745	0.749995	1.33543	1.33543	0.539037	1.75544	1.75544	1.34059	17.3819	11.5252	1
cg19370515	RBBP9;RBBP9	0.345083	0.0945953	0.7	-1.42857	0.0844444	1.597	1.597	0.1508991	0.570754	1.10649	0.1264494	1.30742	1.30742	0.1264494	1.30742	-1.13116		0.141259	1.3222	1.3222	0.5505103	1.21453	1.21453	0.307557	1.20498	1.20498	0.34059	0.663091	-1.50784	1.34058	0.438741	0.3	1
cg25135076	RICTOR	0.345091	0.132522	1.32883	1.32883	0.482202	0.1326	1.1326	0.44917	0.837496	-1.14634	0.250523	1.23405	1.23405	0.401657	0.860413	-1.16223		0.285164	0.823299	-1.21463	0.752574	0.946115	-1.05695	0.45765	1.14165	1.14165	0.150374	0.763371	-1.30988	1.34056	0.651312	0.431866	1
cg18712672	RG1240	0.345094	0.36352	2.75051	2.75051	0.1815	0.860866	-1.16162	0.8442	1.84777	1.84777	0.1919326	0.864889	-1.14184	0.3333333	0.864889	-1.15616		0.8715564	1.0145	1.0145	0.9911	0.9844667	-1.01509	0.9918316	0.782661	-1.27804	0.1455	0.9844667	-1.01509	0.9918316	0.782661	-1.27804	0.1455	1.34056	0.0001	0.0001	1
cg22946219	RAI1	0.345096	0.240487	1.64655	1.64655	0.0138005	1.43867	1.43867	0.330941	1.50242	1.50242	0.577523	1.25651	1.25651	0.575041	1.25842	1.25842		0.962135	1.01945	1.01945	0.404095	1.41402	1.41402	0.29052	1.56069	1.56069	0.657187	1.19872	1.19872	1.34055	1.49614	2.31821	1
cg04558166	C1orf107	0.345104	0.30161	1.09725	1.09725	0.259693	0.903064	-1.10734	0.12494	0.864122	-1.15734	0.300433	1.09752	1.09752	0.620785	0.957674	-1.0442		0.164619	1.1372	1.1372	0.30115	0.911282	-1.09736	0.772787	1.02542	1.02542	0.901763	1.01077	1.01077	1.34053	0.15966	0.105868	1
cg23935094	KCNK18	0.345104	0.563906	0.829178	-1.20602	0.182628	1.79418	1.79418	0.883877	0.972223	-1.27543	0.868834	0.972223	-1.27543	0.868834	0.972223	-1.27543		0.4258474	1.4021	1.4021	0.2672135	0.957912	-1.09791	0.710731	0.815597	-1.26286	0.14652	1.14662	1.14662	1.34052	1.73995	1.15374	1
cg05838956	MRK17	0.345106	0.0668619	2.17196	2.17196	0.676043	1.17194	1.17194	0.656442	0.844486	-1.18415	0.155179	1.7759	1.7759	0.309454	1.4875	1.4875		0.160591	1.76098	1.76098	0.256485	0.639438	-1.56387	0.759524	1.1229	1.1229	0.606744	1.21655	1.21655	1.34052	3.02617	2.00662	1
cg22234145	SERPINF1	0.345106	0.662183	1.07025	1.07025	0.7730072	0.959069	-1.07635	0.0320581	0.485072	-2.06155	0.160566	0.782953	-1.27722	0.8090857	0.76505	-1.30705		0.165152	0.8815	-1.13452	0.7616469	0.823796	-1.21402	0.8306317	0.756052	-1.32275	0.50462	1.08161	1.08161	1.34052	0.143875	0.09462	1
cg00238899	MX1;MX1;MX1	0.345126	0.133375	2.41555	2.41555	0.645361	2.28714	2.28714	0.681631	1.25193	1.25193	0.109308	2.590335	2.590335	0.161397	1.27134	1.27134		0.0919889	1.74764	1.74764	0.264698	1.8788	1.8788	0.653934	0.08518	3.08518	0.217467	2.02742	2.02742	1.34047	2.2992	4.1771	1
cg19506692	RHOB	0.345135	0.104215	3.03763	3.03763	0.9730369	0.979105	-1.02134	0.810622	1.16202	1.16202	0.0519291	0.250736	-3.98826	0.426148	1.66245	1.66245		0.570734	0.698792	-1.43104	0.5872133	1.40898	1.40898	0.380682	1.75498	1.75498	0.657804	1.3216	1.3216	1.34045	8.30642	5.50822	1
cg04487598	LOC441793	0.345137	0.0668798	1.50526	1.50526	0.1472239	0.955557	-1.0505	0.6911247	1.0455	1.0455	0.7855	1.0455	1.0455	0.7855	1.0455	1.0455		0.1615125	0.8815	-1.1342	0.7616469	0.823796	-1.21402	0.8306317	0.756052	-1.32275	0.50462	1.08161	1.08161	1.34045	0.143875	0.09462	1
cg00238899	MX1;MX1;MX1	0.345126	0.133375	2.41555	2.41555	0.645361	2.28714	2.28714	0.681631	1.25193	1.25193	0.109308	2.590335	2.590335	0.161397	1.27134	1.27134		0.0919889	1.74764	1.74764	0.264698	1.8788	1.8788	0.653934	0.08518	3.08518	0.217467	2.02742	2.02742	1.34047	2.2992	4.1771	1
cg19506692	RHOB	0.345135	0.104215	3.03763	3.03763	0.9730369	0.979105	-1.02134	0.810622	1.16202	1.16202	0.0519291	0.250736	-3.98826	0.426148	1.66245	1.66245		0.570734	0.698792	-1.43104	0.5872133	1.40898	1.40898	0.380682	1.75498	1.75498	0.657804	1.3216	1.3216	1.34045	8.30642	5.50822	1
cg04487598	LOC441793	0.345137	0.0668798	1.50526	1.50526	0.1472239	0.955557	-1.0505	0.6911247	1.0455	1.0455	0.7855	1.0455	1.0455	0.7855	1.0455	1.0455		0.1615125	0.8815	-1.1342	0.7616469	0.823796	-1.21402	0.8306317	0.756052	-1.32275	0.50462	1.08161	1.08161	1.34045	0.143875	0.09462	1
cg26307394	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.345137	0.0687635	0.287052	-3.48369	0.150445	0.388915	-2.57126	0.582005	0.711316	-1.40585	0.360013	1.77991	1.77991	0.197618	0.407405	2.45456		0.416687	1.66295	1.66295	0.652727	0.75765	-1.31987	0.6172	1.36174	1.36174	0.703969	0.791436	-1.26353	1.34044	3.97012	5.28523	1
cg25302730	KLHL38	0.345155	0.632802	1.2609	1.2609	0.3121	0.7	-1.42857	0.7857893	0.893788	-1.08262	0.4895446	0.7650534	1.3068	0.2659323	0.7650534	-1.30705		0.3900065	1.4645	1.4645	0.1422957	0.437323	-2.28664	0.1807937	0.829063	-1.20624	0.0726545	0.829063	-1.20624	0.0726545	0.829063	-1.20624	0.0726545	1.34044	2.49257	1.7965	1
cg22214498	ATG2A	0.345165	0.444021	0.715408	-1.3978	0.310533	1.56883	1.56883	0.0449237	2.68519	2.68519	0.891061	0.942884	-1.06058	0.186725	0.548443	-1.82334		0.640991	0.817461	-1.2233	0.610561	1.24661	1.24661	0.453476	0.720555	-1.38782	0.702435	0.848117	-1.17908	1.34037	3.1902	2.59299	1
cg07481508	VIPR2	0.345167	0.782704	1.17371	1.17371	0.107027	2.05648	2.05648	0.278812	1.94	1.94	0.721521	0.864	-1.15741	0.7182502	0.8497	-1.17683		0.744552	0.876092	1.14135	0.8809943	1.13307	1.13307	1.34034	1.6595	0.517992	0.76813	-1.30186	1.34036	3.4924	2.29381	1
cg02245020	FAM115A	0.345213	0.312317	1.35883	1.35883	0.458877	1.24765	1.24765	0.2649626	1.29426	1.29426	0.2529	1.31529	1.315245	1.57014	1.570141	0.8401666		0.0540799	1.89916	1.89916	0.0889693	1.73119	1.73119	0.14033	1.8207	1.8207	1.34033	1.8207	1.2164	1
cg08424446	GOLGA3	0.345181	0.796346	1.21834	1.21834	0.173821	0.31898	1.01898	0.0592074	0.58644	1.58644	0.355171	0.26745	2.06745	0.39381	0.513247	-1.94838		0.22631	0.379028	-2.63833	0.780265	1.23808	1.23808	0.67255	1.02662	1.02662	0.516033	0.604789	-1.65347	1.34033	12.3784	8.2092	1
cg16978097	PSMB1	0.345185	0.366704	1.17685	1.17685	0.2228871	1.64144	1.64144	0.4318515	0.833184	1.20076	0.1707909	1.20076	1.20076	0.1707909	1.20076	-1.13143		0.1141353	0.876092	1.14135	0.8809943	1.13307	1.13307	1.34033	1.6595	0.517992	0.76813	-1.30186	1.34036	3.4924	2.29381	1
cg10654165	DPYS	0.34519	0.528541	0.87765	-1.11941	0.19843	0.757453	-1.32021	0.572345	1.12368	1.12368	0.185477	0.750526	-1.3324	0.239126	1.28656	1.28656		0.232899	0.774398	-1.29133	0.161549	1.35738	1.35738	0.842525	0.96016	-1.04149	0.452059	0.855053	-1.16952	1.34031	0.886813	0.588133	1
cg04982748	HELB	0.345191	0.579486	0.907556	-1.10182	0.6922283	0.919141	-1.07134	0.129788	0.753139	-1.32739	0.311652	1.16861	1.16861	0.264441	0.817502	-1.22324		0.513213	0.84911	-1.17779	0.9141881	1.01885	1.01885	0.940209	0.987055	-1.01307	0.0650318	1.4283	1.4283	1.3403	0.4178	0.42496	1
cg09380198	MTRF1	0.345192	0.71958	1.15485	1.15485	0.548194	1.61762	1.61762	0.1870502	1.08024	1.08024	0.938384	0.9605599	-1.03135	0.435299	1.174318	1.174318		0.360784	1.04789	1.04789	0.8148795	0.8819564	-1.13407	0.6891159	1.017464	-1.01747	0.989514	1.17407	1.17407	1.34028	1.38498	0.24496	1
cg19390203	GPATCH2;SPATA17	0.345247	0.973062	1.00645	1.00645	0.0810606	1.44543	1.44543	0.0558641	1.51072	1.51072	0.444394	1.1601	1.1601	0.186777	1.30544	1.30544		0.817673	1.04496	1.04496	0.345214	0.830966	-1.20342	0.992491	1.00179	1.00179	0.612645	1.10213	1.10213	1.34028	0.7700055	0.51071	1
cg23365905	MGMT	0.345249	0.50047	0.8	-1.25	0.1809046	0.742042	-1.34804	0.0274496	0.714234	1.38233	0.1874403	1.64342	1.64342	0.0318417	0.8469	-1.18057		0.6914467	0.867768	-1.15238	0.1868616	0.688036	-1.45316	0.0380571	0.644644	-1.55107	0.0380571	1.12542	1.12542	1.34027	0.68344	1.77972	1
cg00409104	PIK3R6	0.345212	0.245096	0.511557	-1.95482	0.0190085	0.208996	-4.78478	0.182794	0.458687	-2.18013	0.665739	0.78693	-1.27076	0.206287	0.479535	-2.08535		0.384103	0.611402	-1.63559	0.654479	0.780086	-1.28191	0.586732	0.738902	-1.35336	0.983429	0.10152	1.01152	1.34025	6.54152	4.27882	1
cg16190136	IDH3A	0.345217	0.320964	1.46817	1.46817	0.296434	1.49994	1.49994	0.277262	0.652244	-1.53317	0.334289	1.45197	1.45197	0.0809421	2.02979	2.02979		0.0813884	2.06141	2.06141	0.264541	1.54573	1.54573	0.529487	1.26926	1.26926	0.601961	1.16082	1.16082	1.34024	2.97089	1.97437	1
cg03529189	SRGAP1	0.345227	0.647355	0.785152	-1.27957	0.584626	0.318431	-3.1404	0.096423	0.376435	-2.6565	0.258298	0.531873	-1.88015	0.350158	0.5976553	-1.67321		0.523272	1.41377	1.41377	0.83273	1.1598	1.1598	0.599333	0.752952	-1.32811	0.159101	0.446856	-2.23786	1.34024	0.08135	0.03335	1
cg20377762	TMEM61	0.345231	0.538586	0.874966	-1.1429	0.0285104	1.741	1.741	0.454232	1.17767	1.17767	0.521133	0.869782	-1.14971	0.831881	0.955419	-1.04666		0.317209	1.24833	1.24833	0.656489	1.10079	1.10079	0.660271	1.09953	1.09953	0.16898	1.36942	1.36942	1.34023	0.984053	0.647879	1
cg02145135	SLC7A1	0.345235	0.189056	0.679107	-1.47253	0.0422813	1.640148	1.640148	0.2418515	0.843184	1.18736379	-1.10568	0.708168	1.41232	0.0099944	1.41232	-1.14379		0.947602	0.972291	-1.0285	0.8610564	0.9876687	-1.01252	0.9256446	0.974242	-1.02656	0.8610564	0.9876687	-1.01252	0.9256446	0.974242	-1.02656	0.8610564	1.34023	0.0056916	0.0047725	0.0047725

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg00522161	DLGAP2	0.3445538	0.0945552	-1.54727	0.831007	0.950504	-1.05207	0.504013	1.17476	1.17476	0.2389542	1.070186	-1.25839	0.154124	0.6960218	-1.43674	0.564591	1.14835	1.14835	0.133159	1.40936	1.40936	0.8496655	0.954474	-1.07177	0.962303	0.988748	-1.01158	1.3394	1.19685	0.7942844	1
cg12783348	ZBTB9	0.345545	0.211635	1.25198	0.2759108	0.7344653	0.711153	-1.40617	0.189601	1.26782	1.26782	0.834835	0.9649711	-1.0363	0.7237093	0.941201	-1.06247	0.392155	0.860948	-1.16151	0.2599557	1.22224	1.22224	0.8787733	0.9742462	-1.02642	0.625259	0.925528	-1.08046	1.339838	0.6187514	0.4106313	1
cg22525281	WNT9A	0.3455445	0.8866778	1.0195	1.0195	0.7771198	0.9623305	-1.03917	0.342026	1.14179	1.14179	0.8110188	1.03296	1.03296	0.9353199	0.999206	-1.00079	0.839747	1.0278	1.0278	0.0224411	0.6904664	-1.4483	0.5845668	0.927951	-1.07764	0.1940559	0.8301196	-1.20453	1.339338	0.38913	0.2582448	1
cg11659327	GRWD1;GRWD1	0.3455446	0.9677177	1.05697	1.05697	0.6425225	1.883195	1.883195	0.6832299	1.74065	1.74065	0.702505	0.5955519	-1.67921	0.2949226	0.2235332	-4.47363	0.0542573	0.0404683	-24.7107	0.198139	6.68648	6.68648	0.8350708	1.3244	1.3244	0.3644418	1.58804	1.58804	1.48392	39.1568	14.6399	1
cg07667977	MEMO1;MEMO1	0.3455547	0.128212	0.666678	-1.49997	0.7413447	0.9215777	-1.0851	0.059889	0.637044	-1.56975	0.953067	0.9855093	-1.01462	0.6072249	0.879999	-1.13636	0.25205	0.74452	-1.34315	0.334159	1.27838	1.27838	0.556149	0.863486	-1.1581	0.203639	1.39212	1.39212	1.39338	1.28959	0.855849	1
cg10188220	GLB1L3	0.3455554	0.8597611	1.0173	1.0173	0.5330339	1.063666	1.063666	0.7062467	1.03742	1.03742	0.4364644	0.9258374	-1.08006	0.1787833	1.14864	1.14864	0.1133605	1.160996	1.160996	0.0485441	1.24435	1.24435	0.774653	0.9725336	-1.02824	0.2209882	1.132951	1.132951	1.13936	0.19965	0.1325011	1
cg02509647	FAM92A1;FAM92A1	0.3455558	0.0881408	0.490113	-2.04035	0.307561	1.49222	1.49222	0.195106	1.68089	1.68089	0.925705	0.965272	-1.03598	0.596011	0.816474	-1.22478	0.897817	0.952478	-1.04989	0.178427	0.5817701	-1.7191	0.401041	1.38505	1.38505	0.461284	1.32874	1.32874	1.39355	3.04631	2.02176	1
cg18485215	DEGS2	0.3455561	0.778329	0.891269	-1.122	0.2408026	1.57901	1.57901	0.1573044	1.80566	1.80566	0.266124	1.60349	1.60349	0.7428325	0.883934	-1.13126	0.0569158	0.40568	2.46568	0.5178387	0.7735457	-1.28856	0.5819262	1.49321	1.49321	0.1706901	1.812355	1.812355	1.39334	3.52348	2.33778	1
cg25436067	SEPTIN;SEPT9;SEPT9_SEPT9	0.3455561	0.910328	1.09338	1.09338	0.49534	1.17309	1.17309	0.09144276	2.29255	-1.36193	0.437976	0.8453234	-1.18783	0.4997578	1.72089	1.72089	0.259687	0.53884	2.53884	0.0879261	0.2248444	-4.44753	0.88722	1.11901	1.11901	0.4721188	0.560149	-1.78524	1.339434	13.3193	8.8397	1
cg03782217	ZNF329	0.3455562	0.4696672	0.953844	-1.04839	0.18739	1.093192	1.093992	0.2144887	1.08749	1.08749	0.890368	0.991179	-1.0089	0.217576	0.920043	-1.08691	0.394919	0.945561	-1.05757	0.0994234	0.8904554	-1.12302	0.8829014	0.990576	-1.00951	0.1783135	0.943586	-1.05979	1.339334	0.0875548	0.0581037	1
cg06097803	TEAD4;TEAD4;TEAD4	0.3455562	0.561242	0.871201	-1.14764	0.2999884	0.8165915	0.816591	-1.22412	1.220432	1.4849	1.4849	0.6153853	1.111775	0.1652773	0.7350636	-1.41559	0.288441	0.772083	1.2952	0.2833264	0.5979767	-1.29909	0.5522886	0.968383	-1.15157	0.2596001	1.317188	1.317188	1.39334	1.16854	0.7755137	1
cg07128682	ADCY3	0.3455575	0.251082	0.692872	-1.44327	0.5255775	0.8213347	-1.21751	0.96808	0.987831	-1.01232	0.592122	1.33435	1.33435	0.0639302	0.5288025	-1.89105	0.582149	1.185351	1.185351	0.4917588	1.2022	1.0202	0.113662	0.59058	-1.69325	1.339331	1.985777	1.31794	1
cg12087432	KLHL26	0.3455584	0.130336	0.5173	1.80376	0.6154594	2.093	2.093	0.1018172	1.63285	1.63285	0.2448674	0.172134	-5.80977	0.0090641	0.4718661	-2.12327	0.979791	0.96197	-1.03953	0.4241162	1.28874	1.28874	7	7	0.3878589	0.2749001	-3.63767	1.33683	40.1048	29.9477	1
cg12081027	HEATR2	0.345594	0.4796891	1.28104	1.28104	0.15343	1.80386	1.80386	0.0574954	2.09703	2.09703	0.398622	0.7423387	-1.34701	0.485224	0.783126	-1.27693	0.610916	0.19366	-5.16366	0.7048711	0.8786559	-1.1381	0.778619	1.10202	1.10202	0.395026	0.740618	1.339322	1.33926	2.52021	1.67271	1
cg21730805	RBM19	0.3455594	0.071304	0.327987	-3.0489	0.32141	0.567263	-1.76285	0.16973	0.440545	-2.26991	0.207343	0.529847	-1.88734	0.0513063	0.2928559	-3.41461	0.382067	0.608893	-1.64232	0.1881154	0.4602195	-2.16359	0.22781	0.496288	-2.01496	0.523469	0.699187	-1.43023	1.339325	0.49626	0.43116	1
cg12467090	PIK3C2B	0.3455606	0.0988848	0.8581	1.85881	0.589737	0.7209096	-1.13716	0.5602249	1.40754	1.40754	0.2148836	1.13365	1.13365	0.352062	1.74337	1.74337	0.254599	0.54799	-1.82497	0.1434953	0.5942799	-1.68252	0.1994	0.6043425	1.339724	3.39724	0.2630307	1.96852	1.96852	1.39324	7.14485	4.74223	1
cg14656667	CYP21A2;CYP21A2	0.3455605	0.35553	0.84764	-1.17975	0.2103818	0.7948854	-1.25809	0.0562081	0.6865351	-1.45659	0.510052	0.8902777	-1.12325	0.0990305	0.73012	-1.36964	0.247233	0.810238	-1.2342	0.420897	1.15375	1.15375	0.373355	0.853045	-1.17227	0.39475	0.8593929	-1.1637	1.339233	0.6043514	0.4258873	1
cg10743406	UHPL5	0.3455608	0.360777	1.44245	1.44245	0.1492409	1.567152	1.567152	0.0875482	0.4793052	-2.08635	0.809646	1.06634	1.06634	0.766165	0.890214	-1.12333	0.147269	0.545308	-1.83383	0.9226327	1.0381	1.0381	0.272014	1.56339	1.56339	0.947441	0.974621	-1.02604	1.339222	3.32496	2.14053	1
cg08940664	SPATA18	0.3455611	0.157255	0.567668	1.76208	0.8629021	1.06576	1.06576	0.9350103	0.532106	1.87933	0.2773128	1.28564	0.0339947	0.7788221	1.08047	1.08047	0.2100447	0.319677	-3.12798	0.1836426	1.08047	1.08047	0.3196977	1.46956	1.46956	0.752733	0.8884419	-1.1256	1.339211	2.97237	1.972188	1
cg20728361	KIAA1549;KIAA1549	0.3455612	0.2239192	0.711187	-1.4061	0.8335044	0.9453395	-1.05776	0.8944156	1.03615	1.03615	0.929194	0.97657	-1.02399	0.0962673	0.6143151	-1.62773	0.2295554	0.714398	-1.39978	0.157036	1.49739	1.49739	0.2643011	1.36394	1.36394	0.642715	0.88283	-1.13272	1.339211	1.50931	1.00179	1
cg06901060	FTSJD1;FTSJD1	0.3455612	0.0936687	0.560707	1.78436	0.7943508	0.9120808	-1.09675	0.4087	0.7203333	0.541122	-1.84802	0.183971	1.31573	1.31573	0.898111	-1.02616	0.678636	1.13663	1.13663	0.857517	0.9462168	-1.05679	0.9539355	0.996587	-1.00417	0.1973071	1.009397	1.009397	1.33012	1		1
cg11543001	TMU82;TMU82;TMU82	0.3455613	0.661753	0.958919	-1.16304	0.178661	0.6125002	-1.63265	0.178803	0.621682	-1.63217	0.648675	0.8543888	-1.17403	0.2130077	0.6377709	-1.56811	0.04173	0.446043	-2.23742	0.0889439	0.5253773	-1.90341	0.310617	0.697728	-1.43322	0.332747	0.709782	-1.40888	1.339211	2.4965	1.65703	1
cg14306683	PACSN2	0.3455615	0.7509659	0.87256	-1.14596	0.2089154	1.16134	1.16134	0.6752842	1.49212	1.49212	0.2116095	0.5709504	-1.75144	0.4743232	1.36447	1.36447	0.1050947	0.4283247	-2.33407	0.0199179	0.4743232	-2.10809	0.1079	0.7545621	0.8342653	-1.19875	0.5060807	0.7498616	-1.33366	0.522358	0.7537476	-1.31948	1.3392	3.042525	2.57417	1
cg06860460	MYL12B;MYL12B;MYL12B;MYL12B	0.3455616	0.205904	0.358656	-2.78318	0.2225577	2.67776	2.67776	0.230055	2.63188	2.63188	0.876705	0.887532	-1.12672	0.128715	0.2831662	-3.53155	0.64389	0.699269	-1.43006	0.164476	0.3198885	-3.12612	0.796701	1.21944	1.21944	0.501191	0.591775	-1.68983	1.3392	12.5252	8.31359	1
cg12386752	FAM720	0.3455617	0.138532	0.268624	-3.72268	0.410213	2.00206	2.00206	0.599101	1.54845	1.54845	0.419166	0.506414	-1.97467	0.0757513	0.170221	-5.87473	0.291233	0.405456	-2.46636	0.2065	0.33345	-2.99895	0.697166	0.724447	-1.38036	0.345301	0.448794	-2.22819	1.3392	14.4107	9.56504	1
cg25114630	CHSY1	0.3455619	0.0271842	0.4155	2.40611	0.2654154	0.3189554	0.318955	-3.13564	0.2104155	0.164515	-6.07813	0.0441859	0.1424224	-7.02456	0.1610099	-6.21145	0.2707566	0.420012	-2.38113	0.1448319	0.3982469	-2.51063	0.2290192	0.4084114	-2.44904	0.1601683	0.765601	1.76569	0.844688	1.23582	1.23582	1.3392	24.7184	16.4069	1
cg04029625	CNTD1;CNTD1;CCDC56	0.3455633	0.4292622	1.66177	1.66177	0.87874	0.909001	-1.10011	0.4408524	0.5871681	-1.70309	0.117878	0.298467	2.98467	0.113867	0.3300067	-3.02969	0.316866	0.519826	-1.92372	7	7	0.905141	0.928214	-1.07734	0.524607	1.49894	1.49894	1.41522	7.40623	3.92495	1
cg24654028	STS	0.3455638	0.387823	0.619235	-1.61353	0.4393441	1.57486	1.57486	0.4408816	1.36366	1.36366	0.4888312	0.5709444	-1.75148	0.3926905	0.7709944	-1.29735	0.193273	0.46558	-2.14826	0.0472147	0.2844048	-3.51608	0.1902055	0.3933816	2.20336	0.3779458	0.6005958	-1.65028	1.339114	6.50322	4.31668	1
cg23185402	PHKB;PHKB;ITG1	0.3455649	0.424222	0.821341	-1.21752	0.2103353	1.37481	1.37481	0.51687	1.17174	1.17174	0.855631	1.04458	1.04458	0.1943546	0.7181426	-1.39251	0.919768	1.02459	1.02459	0.0695288	0.6412891	-1.63161	0.46336	0.8352624	-1.19723	0.22506	0.735439	-1.35973	1.339111	2.23343	0.818737	1
cg01179095	CLCN6 WARS;WDR25;WARS;WDR25;WDR25;	0.3455653	0.479275	1.3797	1.3797	0.1070304	2.19774	2.19774	0.0236765	3.34932	3.34932	0.30355	1.61106	1.61106	0.9813383	0.9896612	-1.0105	0.267223	1.67743	1.67743	0.974711	1.01429	1.01429	0.702491	1.18737	1.18737	0.353156	1.53348	1.53348	1.3391	4.24746	2.81944	1
cg27662123	WARS;WARS	0.345659	0.3308806	1.50507	1.50507	0.374332	1.44995	1.44995	0.473854	1.34552	1.34552	0.539955	1.2876	1.2876	0.5136233	0.788117	-1.26885	0.164085	1.83114	1.83114	0.0607819	0.4226651	-2.36602	0.385302	1.43712	1.43712	0.834459	0.918271	-1.089	1.3391	3.52052	2.33693	1
cg04434696	CAU1;CAU1	0.3455671	0.388402	0.5000	2.00000	0.3870484	1.30493	1.30493	0.2619554	1.64055	1.64055	0.2977869	0.7977852	-1.25393	0.2994333	1.2619613	1.26196	0.1768221	-1.18845	0.7239183	1.1334511	1.1334511	1.1334511	1.26885	7	7	0.8883879	1.10995	1.10995	1.34151	0.6057625	0.512019	1
cg12666107	SDC3	0.3455676	0.4093222	0.771209	-1.29666	0.6895568	0.8837319	-1.13158	0.1896	0.6519571	-1.53384	0.375254	0.7556574	-1.32336	0.2471668	0.6889586	-1.45141	0.1438515	0.616642	-1.62169	0.2568815	0.6957885	-1.43723	0.1557751	1.59615	1.59615	0.492633	1.23929	1.23929	1.33904	2.01015	1.33439	1
cg20240068	CR1L	0.3455681	0.1328226	0.881139	-1.32245	0.54993	0.9318625	-2.55192	0.278148	0.17438	-5.7346	0.838674	0.7292772	-1.37123	0.3162157	0.2009557	-4.97619	0.230132	0.702789	0.702789	0.104091	0.15754	15.6754	0.934184	0.879928	-1.13646	0.5703443	0.411356	-2.43099	1.339303	50.8661	33.7665	1
cg05002336	CD81	0.3455682	0.6440477	0.8923	-1.12074	0.3494658	0.68693	0.68693	0.0589835	1.25233	1.25233	0.882918	0.89917	-1.12145	0.4940212	0.4126095	-2.42426	0.705889	1.3437	1.3437	0.0919291	0.3127	3.1967	0.5060807	0.748616	-1.33561	0.152238	0.757876	-1.31948	1.3392	3.042525	2.57417	1
cg06580460	C6orf47;C6orf47	0.3455683	0.6309552	0.924703	-1.08143	0.7133338	1.06149	1.06149	0.8090902	1.03992	1.03992	0.102377	0.748935	-1.33523	0.984146	1.00322	1.00322	0.551101	0.907043	-1.10248	0.0231816	0.6446831	-1.55115	0.778706	0.955459	-1.04662	0.75233	1.05254	1.05254	1.39001	0.5547338	0.3682559	1
cg18043273	SLC6A1	0.3455689	0.0318472	0.5253	1.90373	0.4353241	0.4291	0.4291	0.0658285	0.68592	1.08592	0.457705	1.3995	1.3995	0.1519122	0.7539967	-1.32632	0.528802	1.12738	1.12738	0.3442971	0.8488651	1.54416	0.3941796	0.8729955	1.15222	0.3441001	0.481333	2.077575	1.3391	3.1	2.77575	1
cg09388137	C3orf71;ARIH2	0.3455693	0.855226	0.957744	-1.04412	0.5596404	0.6050538	-1.65279	0.811017	0.944946	-1.05826	0.453262	0.8347624	-1.19795	0.961097	1.0116	1.0116	0.632224	1.12074	1.12074	0.167291	0.7061051	-1.41622	0.1905056	1.38778	1.38778	0.361621	1.24817	1.24817	1.339	1.18506	0.786699	1
cg21973800	CINP;TECPR2	0.3455699	0.2970556	0.741562	-1.3485	0.5584089	1.806519	1.806519	0.446104	1.23961	1.23961	0.217369	0.6984243	-1.4318	0.403826	1.2665	1.2665	0.891133	1.0386	1.0386	0.672936	0.8892091	-1.1246	0.613837	1.15111	1.15111	0.259194	1.38817	1.38817	1.33898	1.62207	1.07682	1
cg04472469	TFDP1;TFDP1	0.3455701	0.713445	1.09375	1.09375	0.6435434	1.974386	1.974386	0.2722	1.62472	1.62472	0.1340753	0.8209972	1.32972	1.32972	0.2998128	-3.33507	0.5583189	1.3222	1.3222	0.1312664	0.8488658	1.21746	0.7924344	0.9924344	1.00454	0.8553322	1.009118	1.009118	1.33898	4.84696	4.21768	1
cg06522054	GNAL;GNAL;GNAL FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGF	0.345701	0.348875	0.621232	-1.6097	0.233562	1.85244	1.85244	0.848191	0.909736	-1.09922	0.443785	0.68017	-1.47202	0.2247033	0.550645	-1.81605	0.263173	0.562243	-1.77859	0.0510745	0.333947	-2.99449	0.191993	0.505726	-1.97735	0.679953	0.814839	-1.22724	1.33898	5.16735	3.43038	1
cg23936294	R2;FGFR2;FGFR2;FGFR2	0.345708	0.505382	0.787901	-1.2692	0.0899498	1.913335	1.93335	0.147134	1.73109	1.73109	0.674963	0.861773	-1.1604	0.587143	0.824168	-1.21335	0.894572	1.04788	1.04788	0.0824398	1.971	1.971	0.761378	0.898139	-1.11341	0.470321	1.29571	1.29571	1.33896	2.63838	1.75153	1
cg23579966	TMTC4;TMTC4	0.3455715	0.3462014	1.63834	1.63834	0.58499	0.793158	-1.26078	0.571352	1.96623	1.96623	0.137174	0.7996612	1.11281	1.11281	0.4470654	-2.23705	0.1939272	0.49658	-2.01419	0.0468841	0.345152	2.89645	0.1096571	1.76714	1.76714	0.1173858	1.957	1.957	1.38995	3.24448	2.48584	1
cg00628382	TBL1XR1	0.3455744	0.3062018	0.546101	1.83095	0.2159193	1.06547	1.06547	0.9544234	0.4960883	1.49285	0.49285	0.8300554	1.20483	1.20483	0.7186284	-1.39178	0.8765115	0.91379	-1.09434	0.9045033	0.93278	7	7	0.972648	1.01715	1.01715	0.983711	1.35097	1.33894	1.72801	4.7321	1
cg19335954	C7orf13;RNF32	0.3455715	0.597481	1.30254	1.30254	7	7	7	7	7	7	0.372082	1.57997	1.57997	0.724082	0.8390455	-1.19183	0.0371386	3.54401	3.54401	7	7	0.972648	1.0171	1.0171	0.98371	0.9895957	-1.01015	1.40295	3.44844	2.458	1
cg19539224	KDM5C;KDM5C	0.3455728	0.139437	0.442144	2.26164	0.7762164	0.8644481	-1.15676	0.725629	1.18417	1.18417	0.8804771	1.00562	1.00562	0.9855107	0.9916	-1.00422	0.224094	0.541866	1.84598	0.0256132	0.2802113	-3.56871	0.9448596	0.99003	1.00903	0.3454441	0.627387	1.41598	1.33897	1.48108	2.2405	1
cg26326372	CRIP2	0.3455733	0.2701045	0.612907	-1.63157	0.0747711	2.33073	2.33073	0.33622	1.52616	1.52616	0.900413	1.05483	1.05483	0.115569	0.482229	-2.07371	0.626935	1.23223	1.23223	0.981653	1.00985	1.00985	0.596099	1.25616	1.25616	0.487498	0.740269	-1.35086	1.3389	3.85446	2.55807	1
cg26161552	ZC3H3	0.3455736	0.28746	0.53312	-1.87509	0.4870687	0.6099995	-1.63964	0.4564	0.8962835	-1.11576	0.652083	0.7729398	-1.29477	0.180384	0.4450211	-2.24714	0.684291	0.792404	-1.26198	0.0620706	0.3024998	-3.30583	0.0424272	0.2640863	-3.77553	0.199019	0.4426571	-2.16136	1.33889	6.40974	4.56083	1
cg04463232	MCPH1	0.3455739	0.13739	-1.40782	-1.40782	0.0456959	1.71277	1.71277	0.3044725	1.28354	1.28354	0.683586	0.9082336	-1.10104	0.735522	0.8205	-1.08299	0.232136	1.34203	1.34203	0.642704	1.18243	1.18243	0.407075	0.8019384	-1.12043	0.8884498	0.967586	1.0335	1.33888	1.16989	0.7766998	1
cg09184467	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.345743	0.6458401	1.10235	0.467673	0.836641	-1.19526	0.575847	0.887772	-1.12641	0.251547	0.777038	-1.28694	0.0697411	0.652388	-1.53283	0.216472	0.760412	-1.31508	0.161683	1.36086	1.36086	0.210753	0.7575523	-1.32009	0.768774	0.939807	-1.06405	1.33887	0.9404	0.624341	1
cg05299398	FU1;FU1	0.345744	0.54901	1.09678	1.09678	0.243225	1.20447	1.20447	0.291237	1.18158	1.18158	0.0648225	1.37154	1.37154	0.871159	0.975574	-1.02504	0.103808	1.31126	1.31126	0.130387	1.28259	1.28259	0.426429	1.1317	1.1317	0.576192	0.917564	-1.08984	1.33887	0.492174	0.32676	1
cg14219485	LRRC8A;LRRC8A;LRRC8A	0.345747	0.090727	0.6480091	-1.45753	0.463739	0.8600951	-1.16272	0.8849183	1.08083	1.08083	0.1076907	0.979262	-1.02372	0.8305581	1.04927	1.04927	0.1577021	1.14701	1.11705	0.0465419	0.157001	1.57301	1.57301	0.39499	0.8385521	-1.19258	0.8813758	0.953412	-1.04886	1.33886	0.86658	0.575335	1
cg09483595	LOC285627	0.3455755	0.0786428	0.248526	-4.02372	0.628994	0.706724	-1.41498	0.763154	0.806204	-1.24038	0.262577	0.43492	-2.29927	0.0986466	0.275048	-3.63572	0.345717	0.50048	-1.99808	0.0517987	0.206496	-4.84271	0.443199	0.572731	-1.74602	0.225096	0.403264	1.33886	10.773	7.15249	1
cg25301142	HMGXB4;HMGXB4	0.3455757	0.752528	1.05002	1.05002	0.330402	1.16763	1.16763	0.113278	1.30465	1.30465	0.770745	1.04612	1.04612	0.604124	1.08406	1.08406	0.142508	0.784074	-1.27539	0.221033	0.8199491	-1.21959	0.272563	1.1927	1.1927	0.377405	1.15	1.15	1.33883	0.5048887	0.335209	1
cg25879553	PRDM16;PRDM16	0.345758	0.675378	1.11692	1.11692	0.422116	0.8076308	-1.24022	0.6680409	1.17004	1.17004	0.3755155	1.26994	1.26994	0.5734584	0.88287	-1.13267	0.145271	1.50774	1.50774	0.240656	0.7424474	1.36669	1.36669	0.206499	1.4188	1.4188	1.33883	1.46156	0.9703676	1
cg19439985	CSTF1;AURKA;AURKA;CSTF1;CSTF1;CST F1;AURKA;AURKA;CSTF1;AURKA;AURKA	0.345762	?	?	?	0.117712	5.93062	5.93062	0.458368	2.00196	2.00196	?	?	?	?	?	?	?	?	?	?	?	?	0.754881	1.32276	1.32276	1.6481	5.50612	3.34089	1
cg06038659	C18orf54	0.34577	0.465536	0.652922	-1.53158	0.568378	0.718244	-1.39228	0.510936	0.687131	-1.45532	0.249876	0.5014455	-1.9942	0.0886845	0.340547	-2.93645	0.351196	0.576518	-1.73455	0.0463788	0.260893	-3.70517	0.908906	1.06791	1.06791	0.0966306	0.1351004	-2.84897	1.3388	6.98616	4.63842	1
cg15367925	INPP4A;INPP4A;INPP4A;INPP4A	0.3457723	0.8443408	1.08333	1.08333	0.1210535	1.039355	1.039355	0.8167445	1.07243	1.07243	0.6774749	1.14712	1.14712	0.637525	0.8044234	-1.24289	0.2536603	0.94317	-1.06023	0.5126786	0.8818383	1.13435	1.13435	0.2129156	1.13435	1.13435	0.2129156	1.13435	1.13435	1.33883	0.9024	0.587559	1
cg18912541	DCAF5	0.3457774	0.4212323	0.765446	-1.30643	0.543484	1.22148	1.22148	0.124169	1.71881	1.71881	0.0933871	1.82279	1.82279	0.440867	0.774378	-1.29136	0.664171	0.0919	1.0919	0.369886	0.8393662	-1.19138	0.2674542	0.8027771	-1.24568	0.8905139	0.9745155	-1.02653	1.33876	0.76675	0.5090934	1
cg23241628	RTN4;RTN4;RTN4	0.3457779	0.0394787	2.07851	2.07851	0.219938	1.49476	1.49476	0.561396	1.19768	1.19768	0.393023	0.764311	-1.30837	0.829882	0.916042	-1.06833	0.560374	0.834545	-1.19826	0.462394	0.7946891	-1.25835	0.61708	1.16748	1.16748	0.303847	1.38698	1.38698	1.33875	2.00073	1.32842	1
cg19941054	REIB2	0.3457803	0.6969561	1.07973	1.07973	0.5600025	0.6554533	-1.52537	0.7470703	1.120043	1.12512	0.5143011	0.8270431	-1.21636	0.5425331	0.8639307	-1.15737	0.1974552	1.18772	1.18772	0.1540313	0.1834557	-5.45303	0.0795895	0.2771	2.4771	0.1224096	0.3811545	1.33871	4.6081	3.05972	1
cg19528161	PHF1;PHF1;PHF1	0.3457811	0.837088	0.963304	-1.03809	0.193907	1.27923	1.27923	0.328788	1.20084	1.20084	0.662243	1.08198	1.08198	0.938294

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg15112407	ACTR3C;ACTR3C	0.346034	0.986477	0.990381	-1.00595	1.00419595	2.25847	2.25847	1.36315	1.36315	0.2118975	1.585141	1.585141	1.176745	1.65364	1.65364	0.138375	1.74862	1.74862	0.237737	1.54221	1.54221	0.4008552	1.351667	1.351667	0.155767	1.702229	1.138111	2.600221	1.72728	1
cg11436817	SPRY2;MUTYH;TOE1;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH	0.346041	?	?	0.618085	1.80773	1.80773	?	?	?	0.22455	5.10288	5.10288	0.129238	9.20886	9.20886	0.292865	3.89425	3.89425	0.0987949	12.5353	12.5353	0.152554	7.67169	7.67169	?	?	?	1.74866	19.9406	5.70168	1
cg04580134	H	0.346048	0.682639	0.85774	-1.16585	0.903325	1.0464	1.0464	0.559497	1.22141	1.22141	0.793573	1.10284	1.10284	0.5157511	0.78191	-1.27892	0.480996	0.763375	-1.30655	0.0152791	0.328966	-1.03983	0.406658	0.728425	-1.37283	0.70955	1.14988	1.14988	1.33808	2.95295	1.96165	1
cg26943082	C6orf48;SNORD48;C6orf48	0.346061	0.304404	0.766571	-1.30451	0.640915	0.889229	-1.12457	0.65153	1.32034	1.32034	0.785771	1.07046	1.07046	0.0938864	1.58461	1.58461	0.58469	0.0389207	1.81754	1.81754	0.777625	1.07333	1.07333	0.512124	1.18077	1.18077	0.639383	1.12527	1.12527	1.38004	1.3237	0.878959	1
cg02320937	PHRF1	0.346062	0.691156	1.3005	1.3005	0.4927111	4.37805	4.37805	0.0891491	3.43307	3.43307	0.8303903	1.15167	1.15167	0.909324	0.927778	-1.07784	0.578386	0.691163	-1.44684	0.3113681	0.503776	-1.98501	0.42967	1.69968	1.69968	0.7964436	0.843589	-1.18541	1.18404	9.17433	6.09471	1
cg21036194	SNCAIP	0.346063	0.790442	0.891997	-1.12164	0.8595203	0.976296	1.0428	0.654656	1.19533	1.19533	0.8462615	0.413802	-2.41663	0.2809065	0.629267	-1.51347	0.102169	0.509871	-1.99662	0.6095387	0.13038	1.22038	0.678939	1.17476	1.17476	0.261212	0.635845	-1.57271	1.58804	3.16468	2.10297	1
cg16538015	RPL27A	0.346063	0.332715	1.1505	1.1505	0.687597	0.944864	-1.05835	0.207721	1.20488	1.20488	0.6954665	1.29266	1.29266	0.826427	1.0243	1.0243	0.711994	1.0534	1.0534	0.105985	1.02048	1.02048	0.256276	1.10887	1.10887	1.38004	0.417138	1.10887	1.38004	0.417138	0.277114	1
cg05537354	B9D1	0.346066	0.967162	1.00739	1.00739	0.781513	0.951515	-1.05096	0.198607	0.784394	-1.27487	0.888881	0.97532	-1.0253	0.930666	1.01568	1.01568	0.982674	1.00389	1.00389	0.0508604	1.4883	1.4883	1.0036	0.724862	-1.37957	0.769202	1.054	1.054	1.33803	0.677145	0.449845	1
cg05874176	TLE1	0.346067	0.302055	1.0845	1.0845	0.5135014	1.035654	1.03554	0.207957	0.937805	-1.08956	0.126825	0.644896	1.02902	0.0988366	0.916016	-1.05805	0.618631	1.11325	1.11325	0.541052	0.85849	-1.16484	0.315466	1.13638	1.13638	0.312445	0.772407	1.70229	1.38106	1.29446	0.859947	1
cg05030405	RGS6	0.346072	0.762953	0.847496	-1.17995	0.04250313	0.588889	1.53889	0.328403	1.73643	1.73643	0.597709	1.33818	1.33818	0.1145458	0.392144	-2.55008	0.366435	1.66126	1.66126	0.754697	1.18703	1.18703	0.78991	1.16638	1.16638	0.687809	1.24728	1.24728	1.33802	6.34132	4.21274	1
cg21426552	CLDN14;CLDN14	0.346074	0.176347	5.67761	5.67761	0.144808	0.54588	0.54588	0.237577	3.9085	3.9085	0.436824	2.6059	2.6059	0.0709408	11.4281	11.4281	0.542552	2.1049	2.1049	0.1395515	4.42464	4.42464	0.8873844	9.78076	9.78076	0.131085	7.15899	7.15899	1.33801	30.8951	20.5347	1
cg18488430	MID2	0.346083	0.721418	0.83215	-1.20178	0.06010447	2.96939	2.96939	0.389835	1.57181	1.57181	0.9864693	0.99135	-1.00873	0.1198447	0.420616	-2.37747	0.406851	0.646971	-1.54566	0.8211138	0.12323	1.12323	0.386164	0.76552	-1.76552	0.879664	0.925197	-1.08085	1.13799	5.58109	3.70778	1
cg18102710	OPN4;OPN4	0.346099	0.777249	1.09626	1.09626	0.752735	0.902663	-1.10783	0.217475	0.656774	-1.52259	0.853913	0.16154	1.06154	0.0804084	1.79883	1.79883	0.186755	1.57377	1.57377	0.0721884	1.91597	1.91597	0.652256	1.15834	1.15834	0.883829	1.04852	1.04852	1.33795	2.2248	1.47808	1
cg03548242	PRPF38B	0.346101	0.50413	0.899533	-1.19114	0.715607	0.909936	-1.08898	0.216301	1.39895	1.39895	0.0883332	0.615579	-1.62494	0.0233582	0.5931	-1.68623	0.131844	1.52146	1.52146	0.251939	0.734322	-1.3618	0.710273	0.908207	-1.10107	0.706295	1.10261	1.10261	1.33794	1.4095	0.937266	1
cg16792706	LINGO1	0.346103	0.15499	2.12257	2.12257	0.106436	2.39115	2.39115	0.0671129	2.75877	2.75877	0.192723	1.97728	1.97728	0.2636583	1.77923	1.77923	0.270867	1.76277	1.76277	0.0970385	2.4612	2.4612	0.441985	1.47356	1.47356	0.482033	1.42384	1.42384	1.33793	5.18174	3.44261	1
cg26755928	MIR9A;MIR9A;MIR9A	0.346105	0.174992	0.805865	-1.2409	0.7088862	1.12401	1.12401	0.2718	1.18669	1.18669	0.448304	0.89081	-1.12157	0.0961091	1.00071	1.00071	0.789906	0.960719	-1.04089	0.8183572	1.03099	1.03099	0.696137	1.06048	1.06048	0.119602	1.28749	1.28749	1.33793	0.474403	0.315182	1
cg13369817	C1orf175;C1orf175	0.346106	0.107997	1.94702	-2.28189	0.166828	0.368314	-2.71508	0.164147	0.967793	-1.03128	0.457865	0.155019	-2.55111	0.0102385	1.39895	1.39895	0.0888332	0.655579	-1.52527	0.916457	1.53184	1.52146	0.251939	0.734322	-1.3618	0.710273	0.908207	-1.10107	0.706295	1.10261	1.10261	1.33794	1.4095	0.937266	1
cg01043092	MCPH1	0.346106	0.210289	0.408237	-2.44956	0.403759	0.560007	-1.78569	0.1159	0.313585	-3.18893	0.409326	1.77297	1.77297	0.492626	0.62319	-1.60465	0.538931	0.655621	-1.52527	0.916457	1.0738	1.0738	0.0890921	3.56965	3.56965	0.966565	0.971955	-1.02885	1.33793	9.75882	6.48355	1
cg10091004	LOC285830;LOC285830	0.346114	0.727543	1.11283	1.11283	0.587606	0.845919	-1.18215	0.175685	0.643968	-1.55287	0.432355	0.199547	-2.29147	0.2931446	0.701764	-1.42505	0.305519	0.729239	-1.38305	0.6695734	0.538189	1.85808	0.757858	1.53997	1.53997	0.0940223	0.994013	-1.00602	1.33791	1.97953	1.31517	1
cg07343122	FYCO1	0.346123	0.818501	1.05707	1.05707	0.855243	0.956865	-1.04508	0.15689	1.44132	1.44132	0.344133	1.34207	1.07063	1.52921	1.52921	-1.52921	0.516736	0.853229	-1.17202	0.5563551	1.15449	1.15449	0.208529	0.726067	-1.37728	0.345908	1.79109	-1.26411	1.33788	1.23523	0.820689	1
cg25439807	DLGAP1;DLGAP1	0.346126	0.503426	0.681536	-1.46727	0.13981	0.407764	-2.4524	0.561762	0.718023	-1.39271	0.212678	2.09827	2.09827	0.213535	0.477313	-2.09506	0.838777	1.12191	1.12191	0.328205	0.565611	-1.76798	0.230225	2.0355	2.0355	0.359925	1.70143	1.70143	1.33787	6.75538	4.4883	1
cg20439892	LNGFRAP1;NGFRAP1;NGFRAP1;NGFRAP	0.346134	0.100913	0.6603889	-1.56592	0.943473	1.11716	1.11716	0.97407	1.04115	1.04115	0.19653	8.4441	8.4441	0.1959905	8.47218	8.47218	0.10087	0.060364	-16.5662	0.897471	0.821572	-1.22313	0.974739	1.05071	1.05071	0.964219	1.0726	1.0726	1.33785	51.7206	34.3639	1
cg15954046	LMNA;LMNA;LMNA	0.346148	0.25747	0.559192	-1.78824	0.675021	0.716984	-1.39474	0.876084	0.926168	-1.07978	0.18292	2.49901	2.49901	0.0179339	3.05407	3.27402	0.860506	0.917236	-1.09025	0.9123286	1.49027	-2.27311	0.883651	0.884607	-1.13037	0.728124	0.445287	-2.24574	1.3782	5.126	3.45088	1
cg26533745	NPNT;NPNT	0.34615	0.527592	1.79139	1.79139	0.227939	1.16706	1.16706	0.986139	0.984301	-1.01595	0.647891	1.46852	1.46852	0.789704	0.783892	-1.27569	0.328579	2.50562	2.50562	?	?	0.0199793	12.9076	12.9076	0.8089841	1.24557	1.24557	1.33532	15.598	11.6811	1
cg25329350	CER1;8.2	0.346151	0.314073	0.497465	-2.00973	0.076948	1.03096	1.03096	-1.83	0.846045	1.25292	1.25292	0.454682	0.856902	-1.16699	0.317799	0.494331	-2.02293	0.931932	0.943378	-1.06002	0.272819	0.458991	-2.17869	0.497489	0.604954	0.764938	-1.30729	0.5181	1.33791	9.86373	6.53382	1
cg20273122	IGHMBP2;MIR9;MIR9;MIR9	0.346156	0.440403	1.18336	1.18336	0.756209	1.06891	1.06891	0.755122	1.06918	1.06918	0.371666	1.21686	1.21686	0.2504204	0.986725	-1.01345	0.107811	0.686957	-1.45569	0.109093	1.45228	1.45228	0.117753	1.43834	1.43834	0.370506	1.21511	1.21511	1.3378	0.970096	0.644573	1
cg19725418	HDAC4	0.346159	0.594177	1.27934	1.27934	0.466863	1.40378	1.40378	0.977492	0.987159	-1.01301	0.1241644	2.14405	2.14405	0.151897	0.494993	-2.02023	0.469023	1.4014	1.4014	0.0950662	2.31695	2.31695	0.253599	1.72663	1.72663	0.339105	1.57046	1.57046	1.33779	4.44623	2.95428	1
cg26609386	MRH;13;MTBP	0.346161	0.255823	0.54226	-1.84226	0.337466	0.894546	1.05496	0.144205	1.77696	1.77696	0.211	1.60426	1.60426	0.0176758	1.77861	1.77861	0.0554848	0.782547	-1.16729	0.3188901	1.60426	1.60426	0.318891	0.854643	-1.17045	0.2926491	1.53606	1.53606	1.33778	2.82649	1.87806	1
cg08069370	SNX1;SNX1;SNX1	0.346163	0.203946	0.601119	-1.66357	0.1805978	0.582911	-1.71553	0.305915	1.49543	1.49543	0.307512	1.49331	1.49331	0.697361	0.952372	-1.05001	0.179093	0.581704	-1.71909	0.13523	0.542674	-1.84273	0.392473	0.717086	-1.39453	0.789918	0.903605	-1.10668	1.33778	3.05319	2.0287	1
cg17130945	AAT3;AAT3	0.346165	0.8564	0.858408	-1.16525	0.811975	1.00214	1.00214	0.96152	1.36545	1.36545	0.766666	0.833855	0.833855	0.3818446	1.18054	1.18054	0.885993	0.882409	-1.13361	0.1414469	0.409402	-2.44258	0.211984	0.451454	-2.20193	0.704781	0.910864	-1.09824	1.33776	1.20526	0.901276	1.33776	0.901276	0.674356	1
cg21735068	PGCP	0.346166	0.890453	1.06496	1.06496	0.353535	1.54644	1.54644	0.124708	0.468087	-2.13635	0.17472	0.517228	-1.93338	0.402189	0.676002	-1.47929	0.797688	0.889304	-1.12448	0.866142	1.08009	1.08009	0.0902687	2.34568	2.34568	0.638024	0.805398	-1.24162	1.33777	4.41919	2.93636	1
cg05185146	ATP11A;ATP11A	0.346179	0.706299	0.927526	-1.07814	0.203812	1.30544	1.30544	0.110359	1.41282	1.41282	0.293011	1.24268	1.24268	0.157227	1.35068	1.35068	0.12841	1.38623	1.38623	0.0747915	1.48349	1.48349	0.416141	1.17958	1.17958	0.642597	1.09733	1.09733	1.33774	0.836761	0.556005	1
cg26462513	MYH9	0.34617	0.76176	1.31249	1.31249	0.759474	1.14772	1.14772	0.276846	1.14772	1.14772	0.249435	1.16083	1.16083	0.678803	0.861479	-1.16095	0.326859	0.822135	1.21636	0.4914568	0.778207	-1.29398	0.537128	0.925494	-1.0805	0.797593	1.03235	1.03235	1.33771	0.325226	0.216108	1
cg07547540	SLC12A5;SLC12A5	0.346192	0.251589	1.50686	1.50686	0.217253	1.15954	1.15954	0.186788	1.61452	1.61452	0.67971	1.15284	1.15284	0.744263	0.893997	-1.11857	0.612404	1.19112	1.19112	0.0664857	0.494366	-2.02279	0.743381	0.893636	-1.11902	0.561144	0.817788	-1.22281	1.3777	2.48267	1.64971	1
cg10279148	CARHSP1;CARHSP1	0.346197	0.993684	1.00622	-1.00622	0.976843	1.16106	1.16106	0.677125	0.836981	-1.22402	0.201342	1.69676	1.69676	0.0911243	0.589475	-1.69656	0.164924	1.08457	1.08457	0.6629768	0.27483	-3.63886	0.0911243	0.589475	-1.69656	0.164924	1.08457	1.08457	1.33768	1.43978	1.02316	1
cg05901451	HEY2;HEY2	0.346199	0.365955	0.86221	-1.15981	0.678862	0.935709	-1.06871	0.753513	0.951327	-1.05116	0.396612	1.14861	1.14861	0.4168308	1.07605	1.07605	0.786448	1.0443	1.0443	0.0738856	0.727621	-1.37434	0.420685	1.14032	1.14032	0.2944329	1.34116	1.34116	1.33768	0.539733	0.358652	1
cg01163022	LRRTM4	0.346202	0.276617	0.829037	-1.20622	0.367532	1.16575	1.16575	0.0929964	0.736298	-1.35826	0.763429	0.951217	-1.05129	0.900306	1.02105	1.02105	0.754614	0.949376	-1.05332	0.13673	1.30423	1.30423	0.695435	1.06736	1.06736	0.192541	0.795712	-1.25674	1.33768	0.58159	0.386467	1
cg03344489	KSR1	0.346204	0.288132	0.719508	-1.39004	0.2788728	1.18572	1.18572	0.0623873	1.18572	1.18572	0.0623873	1.18572	1.18572	0.0623873	1.18572	1.18572	0.0623873	0.89624	-1.11546	0.8607	1.08307	1.08307	0.0623873	0.89624	-1.11546	0.8607	1.08307	1.08307	1.33768	0.63292	0.42166	1
cg02126098	MAP3K3;MAP3K3	0.346204	0.784433	1.20559	1.20559	0.576742	1.46887	1.46887	0.0630857	0.16013	4.16013	?	?	?	0.0409	5.12513	5.12513	0.124344	1.321536	-1.31007	0.619393	0.76223	-1.31194	0.889964	1.09899	1.09899	0.256783	2.24134	2.24134	1.33518	8.73958	6.54564	1
cg27275207	NRBP2	0.346205	0.937938	1.06403	1.06403	0.902704	1.03414	1.03414	0.0623873	1.18314	1.18314	0.32028	0.900904	1.02108	0.132948	0.740903	-1.35002	0.217474	1.78392	1.27563	0.0830703	0.835631	-1.57324	0.700794	0.874307	1.07307	1.07307	0.0703306	0.932489	1.07307	1.07307	1.33767	0.4969734	0.372008	1
cg09655191	FBF1	0.346208	0.163886	0.257814	-3.87877	0.997266	0.996879	-1.00313	0.864498	0.857681	-1.16594	0.49271	0.529556	-1.88838	0.0240168	0.0857431	-11.6627	0.115546	0.209919	-4.76374	0.326091	0.396469	-2.52227	0.592207	0.610571	-1.63781	0.51606	0.548346	-1.82367	1.33766	17.6388	11.7211	1
cg18586891	TMEM175	0.346209	0.506374	1.5269	1.5269	0.192187	0.464588	0.464588	0.0464587	0.42591	-2.42591	0.743719	1.22881	1.22881	0.464632	1.52907	1.52907	0.562364	1.44457	1.44457	0.307923	0.94142	1.94142	0.662855	1.29754	1.29754	0.829416	0.873268	1.14512	1.14512	1.33766	0.85691	0.55325	1
cg27125265	PHL2;PHL2;PHL2	0.346218	0.435173	0.824798	-1.21242	0.0867712	1.5803	1.5803	0.765838	0.743993	0.37493	-1.73136	0.4558	0.4558	0.0183812	-2.22202	-2.22202	0.15643	1.13875	1.13875	0.494284	0.94868	1.04883	1.04883	1.04883	0.430787	1.21475	1.21475	1.33764	1.23986	0.829315	1
cg21700985	CDLSA1	0.346219	0.982607	1.0051	1.0051	0.0760321	1.58571	1.58571	0.143863	1.44296	1.44296	0.517662	0.857986	-1.16552	0.691416	0.911041	-1.09765	0.360261	0.802809	-1.24563	0.176516	1.39867	1.39867	0.700172	0.913603	-1.09457	0.556285	0.87026	-1.14908	1.33763	1.33763	1.15525	0.76769	1
cg04710276	HCG27	0.346221	0.253823	0.54226	-1.84226	0.337466	0.894546	1.05496	0.144205	1.77696	1.77696	0.211	1.60426	1.60426	0.0176758	1.77861	1.77861	0.0554848	0.782547	-1.16729	0.3188901	1.60426	1.60426	0.318891	0.854643	-1.17045	0.2926491	1.53606	1.53606	1.33778	2.82649	1.87806	1
cg00422120	FEV	0.346219	0.572885	0.691099	-1.44697	0.292249	0.03126	-2.03126	0.409089	1.72899	1.72899	0.449452	2.72474	2.72474	0.114481	0.324894	3.07793	0.430553	1.68503	1.68503	0.341226	0.529381	-1.88897	0.303283	1.99671	1.99671	0.711812	1.27207	1.27207	1.33763	8.91018	5.92102	1
cg00686151	MLLT4;MLLT4;MLLT4	0.346223	0.125391	0.518259	-1.92963	0.107263	0.728531	-1.37262	0.0762036	0.457595	-2.18534	0.47919	0.756353	-1.32275	0.179058	0.560817	-1.78351	0.379211	1.56533	1.56533	0.904862	1.04852	1.04852	0.210035	0.964846	1.04852	1.04852	0.687353	0.697383	0.856548	-1.16748	1.33762	3.61564	2.21052	1
cg11607927	KPO1	0.346237	0.615959	1.03207	1.03207	0.213103	0.570653	1.80244	0.0623873	1.18314	1.18314	0.32028	0.900904	1.02108	0.132948	0.740903	-1.35002	0.217474	1.78392	1.27563	0.0830703	0.835631	-1.57324	0.700794	0.874307	1.07307	1.07307	0.0703306	0.932489	1.07307	1.07307	1.33767	0.4969734	0.372008	1
cg26913869	RFX2;RFX2	0.346239	0.468692	0.842605	-1.18679	0.246531	1.32511	1.32511	0.285612	1.29384	1.29384	0.650134	1.11012	1.11012	0.368159	1.23952	1.23952	0.563842	1.1433	1.1433	0.0460341	0.570878	-1.72987	0.746907	1.07812	1.07812	0.857008	1.04279	1.04279	1.33758	1.14309	0.759642	1
cg11391820	KIF2C	0.346242	0.342831	0.742819	-1.34645	0.2788728	1.23418	1.23418	0.391202	1.24307	1.24307	0.627887	1.5844	1.5844	0.2277397	0.631262	1.58384	0.327056	1.45126	1.45126	0.0488354	0.685403	1.45868	1.45868	1.45868	0.685403	1.45868	1.45868	1.45868	1.33757	1.45868	1.45868	1.45868	1.45868	1.33757	1.45868	1.45868	1
cg06733347	GRAMD2	0.346253	0.234457	0.761533	-1.31314	0.596226	0.889691	-1.12399	0.291931	0.7874	-1.27	0.511857	0.864658	-1.15653	0.0693219	0.641373	-1.55916	0.604919	0.892191	-1.12084	0.386177	1.21431	1.21431	0.126237	0.696554	-1.43564	0.121103	0.692527	-1.44399	1.33754	1.33754	1.03212	0.672623	1
cg06447344	YWHAH;C22orf24	0.346255	0.47965	1.13333	1.1333	0.419679	0.866225	-1.15443	0.568844	0.960481	-1.04162	0.0944965	1.10535	1.07407	0.0498	1.10848	1.10848	0.152364	0.602047	-1.661	0.0126041	0.926053	-1.07984	0.329991	0.803026	-1.24529	0.709496	0.934886	-1.06964	1.33754	0.642664	0.427095	1
cg05290708	ADCK2	0.346256	0.022893	0.720032	-1.38883	0.464808	0.914115	-1.09391	0.350336	1.12298	1.12298	0.507907	0.922151	-1.08442	0.668799	0.0533	1.0533	0.260019	0.867829	1.1523	0.824657	1.02714	1.02714	0.251851	0.972239	-1.02855	0.954217	1.00695	1.00695	1.33754	0.308395	0.20495	1
cg20503109	ST6GALNAC2	0.346257	0.973428	1.01514	1.01514	0.0627521	0.388758	-2.57229	0.0330196	0.3247	-3.07977	0.566026	0.785522	-1.27304	0.295774	0.61312	-1.631	0.783475	1.13234	1.13234	0.983	0.990432	-1.00966	0.517477	0.743722	-1.34459	0.98913	1.00617	1.00617	1.33753	4.31277	2.86615	1
cg13128560	FLI4;ISG;LBX1	0.346258	0.181791	0.74005	-1.35134	0.0595501	0.692202	-1.44471	0.0623873	1.18314	1.18314	0.32028	0.900904	1.02108	0.132948	0.740903	-1.35002	0.217474	1.78392	1.27563	0.0830703	0.835631	-1.57324	0.700794	0.874307	1.07307	1.07307	0.0703306	0.932489	1.07307	1.07307	1.33753	0.4969734	0.372008	1
cg24079251	STX8	0.346264	0.256264	0.522242	-1.91482	0.0279592	0.240853	-4.1519	0.828496	0.887486	-1.12629	0.946517	0.963892	-1.03746	0.331099	0.577102	-1.7328	0.27556	0.536966	-1.86231	0.337739	0.606201	-1.64962	0.092211	0.362025	-2.76224	0.896013	0.931407	-1.07364	1.33752	0.36601	4.23074	1
cg00654709	TMEM26;TMEDS;TMEDS;CCDC18	0.346267	0.239158	0.516495	-1.93629	0.0963461	0.32746	1.32746	0.0623873	1.18314	1.18314	0.32028	0.900904	1.02108	0.132948	0.740903	-1.35002	0.217474	1.78392	1.27563	0.0830703	0.835631	-1.57324	0.700794	0.874307	1.07307	1.07307	0.0703306	0.932489	1.07307	1.07307	1.33752	0.4969734	0.372008	1
cg22076757	MYBPHL	0.346271	0.905157	0.05282	1.05282	0.621534	0.806635	-1.23972	0.461698	0.723564	-1.38205	0.445757	1.39883	1.39883	0.546298	1.30168	1.30168	0.322772	1.55432	1.55432	0.207398	1.77553	1.77553	0.033591	2.92093	2.92093	0.219138	1.74726	1.74726	1.3375	3.94997	2.62511	1
cg00046410	ZMYM1	0.346277	0.043834	0.517514	-1.93231	0.507014	0.825747	-1.21102	0.0966157	0.595228	-1.68003	0.620479	0.867645	-1.15255	0.600198	1.13414	1.13414	0.109989	0.609264	-1.64132	0.363236	0.76661	-1.30444	0.824195	0.918677	-1.08533	0.382823	0.775265	-1.28988	1.3375	1.71369	1.1389	1
cg26301663	MIR2110;C10orf118	0.346273	0.589844	1.16505	1.16505	0.442865	1.12295	1.12295	0.170583	1.19025	1.19025	0.313251	1.08614	1.08614	0.5358307	0.895909	-1.11609	0.572383	1.12213	1.12213	0.5358307	0.895909	-1.11609	0.572383	1.12213	1.12213	0.5358307	0.895909	-1.11609	1.33749	1.12213	1.12213	0.5358307	0.895909	-1.11609	1.33749	1.12213	1
cg13759356	MAP3K15	0.346273	0.137806	0.304178	-3.28755	0.914774	1.08299	1.08299	0.913633	1.08415	1.08415	0.0711564	4.48686	4.48686	0.343924	2.06697	2.06697	0.166872	0.333683	2.99686	0.631981	0.703502	-1.42146	0.612968	0.698854	-1.43091	0.970735	0.973049	-1.0277	1.33749	11.7491	7.80837	1
cg09937941	NOL12	0.346278	0.091656	0.684322	-1.46153	0.178003	1.1434	1.1434	0.75754	0.88092	-1.12242	0.884794	0.807133	-1.02952	0.6547752	1.06227	1.06227	0.153264	0.878925	-1.13775	0.6042672	1.60128	1.60128	0.600314	1.00536	1.00536	0.915669	1.02202	1.02202	1.33748	0.88329	0.58706	1
cg04754886

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg10509982	RAB41	0.346618	0.68831	1.2723	1.2723	0.369259	0.576763	-1.73382	0.480168	0.651596	-1.53469	0.0716198	0.301036	-3.13286	0.0923552	0.331034	-3.02084	0.21697	2.17118	2.17118	0.786877	1.17555	1.17555	0.949492	0.962899	-1.03853	0.539241	0.690062	-1.44914	1.3366	7.53867	5.01417	1
cg14196141	RANBP9	0.34662	0.56161	1.19228	1.19228	0.742973	0.906103	-1.10363	0.455807	0.79644	-1.25559	0.569532	0.841777	-1.18796	0.306624	0.728219	-1.37321	0.22883	0.684935	-1.45999	0.196836	1.50513	1.50513	0.126575	0.64085	1.64085	0.235803	0.145105	1.45105	0.13659	1.90076	1.26408	1
cg00553619	FAM101B	0.34663	0.330709	1.23005	1.23005	0.5054	0.869865	-1.1496	0.0773913	1.49932	1.49932	0.873749	0.967727	-1.03335	0.415448	0.842218	-1.18734	0.754661	0.937376	-1.06681	0.795634	1.05501	1.05501	0.153137	0.728187	-1.37327	0.209568	0.761226	-1.31367	1.33657	0.9009002	0.599148	1
cg00154746	ZNRD1;ZNRD1;NCRNA00171	0.34664	0.21325	1.3992	1.3992	0.436263	1.22573	1.22573	0.392173	1.78792	-1.25188	0.731101	0.915383	-1.09243	0.0820109	0.630103	-1.63853	0.618993	1.13709	1.13709	0.27742	0.748059	-1.33572	0.309929	0.712759	-1.403	0.597365	1.14637	1.14637	1.13656	1.39018	0.92455	1
cg13937075	GPR101	0.34635	0.175631	0.441248	-2.2663	0.628062	0.757795	-1.31962	0.547783	0.707827	-1.41277	0.060077	0.33666	0.33666	0.451607	0.646812	-1.54604	0.519304	0.689953	-1.44937	0.68266	0.792734	-1.26305	0.198333	2.16477	2.16477	0.992052	1.00568	1.00568	1.33655	6.832	4.54369	1
cg18125381	RIPK2	0.34637	0.537417	0.576571	-1.73499	0.0611304	0.155552	-6.4287	0.0912737	0.193979	-5.1552	0.732978	1.35252	1.35252	0.722553	0.730256	-1.36938	0.624889	0.647576	-1.54422	0.100934	0.205128	-4.87502	0.609008	1.57602	1.57602	0.863215	1.16422	1.16422	1.36555	16.4595	10.9466	1
cg15035713	TEP1;TEP1	0.34639	0.154278	0.769084	-1.30025	0.527416	1.11655	1.11655	0.758348	0.948257	-1.05457	0.0766993	0.7125	-1.40351	0.551756	1.10922	1.10922	0.329704	1.18909	1.18909	0.520894	0.894013	-1.11855	0.14307	0.762637	-1.31124	0.694222	0.934236	-1.07039	1.36554	0.6274473	0.417351	1
cg25742194	GPR160	0.34647	0.323923	1.41946	1.41946	0.809835	0.910045	-1.08643	0.748023	0.891961	-1.12113	0.637424	1.17751	1.17751	0.0431588	0.449373	2.22532	0.415682	0.76249	-1.31066	0.615296	1.19031	1.19031	0.693573	1.16015	1.16015	0.124867	0.564448	-1.77039	1.36552	2.502239	1.66421	1
cg09277546	CYYR1;CYYR1	0.34648	0.294557	0.661697	-1.51127	0.207983	1.65581	1.65581	0.359033	1.43081	1.43081	0.951301	0.977067	-1.02347	0.0501128	0.428071	2.33606	0.566418	0.802404	-1.24625	0.361789	0.70418	-1.42722	0.551906	1.25686	1.25686	0.83119	0.923012	1.08341	1.36552	3.05424	2.0313	1
cg16581224	ZNF423	0.34648	0.293831	0.868954	-1.15081	0.387329	1.12109	1.12109	0.18696	1.19775	1.19775	0.595487	0.933214	-1.07157	0.813324	1.03099	1.03099	0.928108	1.01171	1.01171	0.0305634	1.38793	1.38793	0.603501	1.06993	1.06993	0.551573	1.0808	1.0808	1.33652	0.352251	0.234274	1
cg14396381	CDX7A2L;CDX7A2L	0.34653	0.807159	0.77095	-1.29703	0.483809	1.07255	1.85409	0.0659159	1.71256	1.45545	0.41545	0.95129	1.06015	0.0389857	0.51107	-1.95695	0.996106	1.00971	1.00971	0.919375	1.49605	1.49605	0.0178223	1.37547	0.816784	0.798674	1.25208	0.97002	1.36552	19.9204	11.3091	1
cg01939444	GTPBP1;GTPBP1	0.34655	?	?	?	?	1.60546	1.37998	0.560413	1.4389	1.4389	0.71552	1.25386	1.25386	0.0265955	0.198071	0.5487	0.640654	1.61549	1.61549	0.680791	0.7744	1.29132	0.536344	0.679084	1.47257	0.483557	0.643994	1.55281	1.33998	7.17406	5.37793	1
cg21276838	MYO1E	0.34656	0.0832358	0.243377	-4.10885	0.0844912	0.240505	2.08555	0.64565	0.703929	-1.40661	0.262774	0.424302	-2.36409	0.146546	0.320153	-3.12347	0.609563	0.684164	-1.46164	0.340054	0.411553	2.4298	0.332369	0.302194	-3.30913	0.148807	0.320513	3.12	1.36648	11.4941	7.64473	1
cg12518360	SLC36A4	0.34672	0.844968	0.960716	-1.04089	0.0446431	1.60309	1.60309	0.812545	1.04983	1.04983	0.237272	1.28847	1.28847	0.588578	1.1828	1.1828	0.536398	0.879655	-1.13681	0.118787	1.41426	1.41426	0.767558	1.06255	1.06255	0.154967	1.30255	1.30558	1.33646	0.8869967	0.589928	1
cg09028899	RASA3	0.34674	0.491824	1.37999	1.37999	0.491456	2.81786	2.81786	0.474388	1.39878	1.39878	0.170914	0.93165	1.93165	0.0612606	0.230821	0.595833	0.277204	1.68426	1.68426	0.776013	0.876701	-1.14064	0.504234	1.36701	1.36701	0.565215	0.76476	-1.3076	1.36545	4.50423	2.99581	1
cg18639002	SLC7A3;SLC7A3	0.34682	0.526402	1.30087	1.30087	0.340474	0.58787	-1.70106	0.436775	0.76046	-1.49155	0.534724	0.782664	-1.38383	0.0669312	0.355519	-2.8154	0.888879	1.07299	1.07299	0.239769	0.839675	-1.19094	0.815837	0.900713	-1.11023	0.1695	1.3755	1.37535	1.36545	1.07535	0.715	1
cg23965931	STOX2	0.34682	0.0463226	0.341607	-2.92734	0.0379572	0.322284	-3.10286	0.337552	0.627976	-1.59242	0.448252	0.695111	-1.43862	0.380263	0.654728	-1.52735	0.27819	0.588234	-1.7	0.723278	0.845946	-1.18211	0.716609	0.84236	-1.18734	0.962543	0.978143	-1.02235	1.36643	4.68713	3.1175	1
cg10473100	ATP10A	0.34685	0.728817	1.13195	1.11295	0.677812	2.21769	2.21769	0.131768	1.72131	1.72131	0.268923	0.700174	-1.42822	0.867744	0.946391	-1.05665	0.61217	1.18415	1.18415	0.219077	1.53312	1.53312	0.719753	1.1265	1.1265	0.76553	1.10393	1.10393	1.36643	2.31342	1.53871	1
cg19876568	FBS3	0.34689	0.180215	0.44057	-2.26971	0.0569384	0.145668	1.94688	0.0613564	0.631006	1.58411	0.0115009	0.645932	-1.56106	0.550235	1.16775	1.16775	0.677205	1.11336	1.11336	0.466084	0.70285	-1.42272	0.551597	1.15162	1.15162	0.318804	1.3025	1.3025	1.36641	1.19063	0.562282	1
cg07754143	LOC390595	0.3469	0.979809	0.994306	-1.00573	0.838828	1.04703	1.04703	0.548592	0.871993	-1.1468	0.341331	1.24765	1.24765	0.610239	0.890469	-1.123	0.496796	1.16847	1.16847	0.0363503	1.73162	1.73162	0.167558	0.715519	-1.39369	0.774952	0.937362	-1.06682	1.36641	1.07781	0.716882	1
cg26665419	C6orf203;C6orf203;C6or203	0.34692	0.476426	0.787037	-1.27059	0.497299	1.02574	1.02574	0.960301	1.16488	1.16488	0.0158006	0.445793	-2.24322	0.756202	0.90212	-1.1085	0.0786719	0.524166	-1.90779	0.723284	0.889032	-1.12442	0.476513	1.13782	1.13782	0.982056	0.992959	-1.00709	1.36641	2.31546	1.54009	1
cg11721450	OPTC	0.34693	0.243739	0.426484	-2.35469	0.187141	2.66907	2.66907	0.116243	3.31543	3.31543	0.363186	0.592746	1.85745	0.0265955	0.198071	0.5487	0.403286	1.82312	1.82312	0.91828	0.9334	-1.07135	0.552652	0.65587	-1.52469	0.960335	0.03554	1.03554	1.3364	10.4356	6.94107	1
cg09359106	SOX13	0.34697	0.536532	1.18161	1.18161	0.743382	0.955783	-1.04626	0.556852	0.84985	-1.17676	0.0855383	0.708925	-1.41061	0.129626	0.811364	-1.23254	0.32841	1.38066	-1.01164	0.0759048	0.415154	-2.41006	-1.16295	0.132644	-1.75004	0.858884	0.20535	1.20535	1.36639	0.50381	0.329727	1
cg17274403	NECAP1;NECAP1	0.34701	0.688365	1.05809	1.05809	0.698984	1.05592	1.05592	0.870232	0.977364	-1.02316	0.706106	1.05448	1.05448	0.6646079	1.33736	1.33736	0.748814	0.956007	-1.04602	0.0774348	0.759661	-1.31638	0.291966	1.16547	1.16547	0.574303	0.923595	-1.08273	1.36638	0.415086	0.276092	1
cg01580718	CLK3;CLK3	0.34704	0.75125	0.887679	-1.12628	0.557814	0.801234	-1.24811	0.666304	0.850256	-1.17612	0.688761	0.860239	-1.16247	0.102339	0.512502	-1.95121	0.0800302	0.483731	-2.06727	0.708531	1.15075	1.15075	0.166675	0.576182	-1.73556	0.222901	1.61428	1.61428	1.33638	2.95905	1.96821	1
cg22507727	KIAA1026;KIAA1026	0.34705	0.161252	0.779232	-6.29027	0.0660977	1.56313	1.56313	0.608093	1.31884	1.31884	0.377119	0.821113	-1.23736	0.262332	1.28024	1.28024	0.295463	1.2661	1.2661	0.40894	1.20162	1.20162	0.252199	1.29708	1.29708	0.9067	0.974824	-1.02583	1.36636	1.00098	0.665809	1
cg06527154	PTPR21	0.34716	0.721916	0.911582	-1.09651	0.148367	0.670515	-1.49139	0.949334	0.1083	0.1083	0.910118	1.02954	1.02954	0.271285	1.3435	1.3435	0.204946	1.41175	1.41175	0.0509968	1.77373	1.77373	0.587779	1.15154	1.15154	0.921245	1.02582	1.02582	1.36635	1.40685	0.935787	1
cg16544838	C16orf45;C16orf45	0.34718	0.514312	1.2063	1.2063	0.883642	1.0236	1.0236	0.551435	1.10672	1.10672	0.162088	0.191563	1.91563	0.0858457	0.382875	1.61414	0.613217	1.18415	1.18415	0.219077	1.53312	1.53312	0.719753	1.1265	1.1265	0.76553	1.10393	1.10393	1.36643	2.31342	1.53871	1
cg04092001	DNAJA4;DNAJA4;DNAJA4	0.34724	0.343181	0.631638	-1.58319	0.140911	0.47469	-2.10664	0.133544	0.467031	-2.14119	0.761367	0.864492	-1.15408	0.979140	0.998778	-1.01237	0.744175	1.16556	1.16556	0.581925	1.29903	1.29903	0.13402	1.23888	1.23888	0.387291	1.6091	1.6091	1.36632	1.68478	3.1162	1
cg16592626	DYNC1H1	0.34737	0.959502	0.98109	-1.01927	0.391106	0.718653	-1.39149	0.860947	1.06814	1.06814	0.58208	0.81141	-1.23242	0.951793	1.02299	1.02299	0.573834	0.807624	-1.2382	0.124241	0.534818	-1.86979	0.717961	0.872518	-1.14611	0.0175928	0.337547	-2.96255	1.36629	2.99172	1.99006	1
cg03179043	EMB;EMB	0.34738	0.992283	1.07092	1.07092	0.888442	1.10136	1.10136	0.552445	1.10672	1.10672	0.162088	1.12063	1.12063	0.466566	1.11003	1.11003	0.620704	0.931769	-1.07324	0.185575	0.729235	-1.37139	-1.26386	0.844622	1.02816	1.02816	0.92685	0.987073	-1.0131	1.3628	0.2424911	0.282661	1
cg05601844	EP300	0.34742	0.66332	1.32779	1.32779	0.433673	0.596248	-1.67715	0.521852	1.52224	1.52224	0.56928	1.45105	1.45105	0.109488	0.323693	3.08935	0.511445	0.649831	-1.53886	0.115289	0.33014	3.02901	0.189642	2.45773	2.45773	0.566531	1.45499	1.36628	8.66624	5.8978	1
cg13880765	ABL1;ABL1	0.34743	0.773232	1.16303	1.16303	0.743382	0.955783	-1.04626	0.556852	0.84985	-1.17676	0.0855383	0.708925	-1.41061	0.129626	0.811364	-1.23254	0.32841	1.38066	-1.01164	0.0759048	0.415154	-2.41006	-1.16295	0.132644	-1.75004	0.858884	0.20535	1.20535	1.36628	0.50381	0.329727	1
cg10206657	MAP3K1	0.34743	0.378737	0.785032	-1.27383	0.307235	1.30863	1.30863	0.451933	1.22801	1.22801	0.529328	0.842997	-1.18624	0.520506	0.839821	-1.19073	0.967605	0.989175	-1.01094	0.0371994	0.522956	-1.91221	0.836171	1.05707	1.05707	0.296192	1.33683	1.33683	1.33627	1.52018	1.01122	1
cg26859901	USF2;USF2	0.34752	0.119581	2.7711	2.7711	0.550934	1.43924	1.43924	0.579728	0.7135	-1.40154	0.979292	0.984459	-1.01579	0.23742	2.18868	2.18868	0.026915	4.86223	4.86223	0.985357	0.988986	-1.01114	0.839513	1.13017	1.13017	0.60684	1.36786	1.36786	1.36625	7.7075	5.12711	1
cg16021953	GFPT2	0.34753	0.630474	1.70998	1.70998	0.35319	0.993193	1.08464	0.424804	1.74186	1.74186	0.615163	0.701809	-1.42631	0.0212195	0.574202	-1.74144	0.258543	1.3364	1.3364	0.0178657	2.40227	2.40227	-1.75019	0.209875	0.406627	-2.45902	0.396108	0.653391	1.36624	0.8388	0.52632	1
cg26352795	SPSB1	0.34755	0.170203	0.439052	-2.27764	0.518501	0.691534	-1.44606	0.140566	0.409307	-2.44315	0.621807	0.755644	-1.32338	0.177261	0.445719	-2.24357	0.625433	1.31947	1.31947	0.040382	0.263366	-3.797	0.364364	0.591412	-1.69087	0.322098	0.561927	-1.77959	1.36624	6.71987	4.47016	1
cg15471815	HIST3H2BB;HIST3H2A	0.34757	0.828082	0.917665	-1.08976	0.3622	0.5162	-1.9382	0.353855	0.51962	1.51962	0.313969	0.338819	2.95654	0.0266081	0.190353	0.5255	0.848315	1.07855	1.07855	0.717088	0.92819	1.08025	1.08025	0.170798	0.92412	1.08351	1.05004	0.909127	0.975705	1.02481	0.364264	0.974606	0.648324	1
cg21250100	CSDC2	0.34762	0.166122	0.39603	-2.52506	0.215707	0.440115	-2.26442	0.398282	0.72026	1.72026	0.844222	0.883909	-1.13134	0.141258	0.370692	2.69765	0.626083	0.734909	-1.36071	0.0830201	0.300022	-3.33039	0.134136	0.370775	-2.69705	0.504827	0.654104	1.52881	1.36623	3.32658	5.53904	1
cg24259985	PLCH2	0.34764	0.159504	0.529354	-1.88909	0.168517	1.86056	1.86056	0.973939	1.01392	1.01392	0.184987	0.55164	-1.81278	0.22164	0.580668	-1.72216	0.930442	1.03763	1.03763	0.369421	0.670122	-1.47706	0.483827	0.740015	-1.35132	0.129504	0.500025	-1.9999	1.36622	1.78917	2.52066	1
cg00798488	NPM2	0.34765	0.0229645	0.351271	-2.84783	0.0218731	0.128353	-7.79272	0.0271371	0.124317	1.02417	0.0145824	0.168521	-5.93852	0.0212379	0.132379	-7.55014	0.473648	2.02676	2.02676	0.184007	0.59539	1.67955	1.67955	0.0491	0.31978	3.12705	2.27785	0.852619	1.99378	0.21367	0.15089	1
	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9																																
cg26415789	SEPT9	0.34772	0.13775	0.277768	-3.60012	0.449016	1.8558	1.8558	0.817494	0.830888	-1.20353	0.244654	0.37703	-2.65231	0.101673	0.237855	4.20425	0.454261	0.542851	-1.84213	0.993604	1.00644	1.00644	0.143645	0.283853	-3.52295	0.119732	0.258475	-3.86885	1.3662	13.5932	9.04267	1
cg09441395	SENP1;PFKM	0.34774	0.0693351	0.48719	-2.05259	0.392896	0.73362	-1.3631	0.779094	0.905267	-1.10465	0.655758	1.1721	1.1721	0.590092	0.824913	-1.21225	0.150852	1.72441	1.72441	0.396434	1.35981	1.35981	0.215846	1.55219	1.55219	0.825732	1.08117	1.08117	1.36619	2.6508	1.76341	1
cg15502082	KIAA0427;KIAA0427	0.34776	0.149577	0.743036	-1.34526	0.0917291	0.00995	-1.06839	0.923342	0.83591	-1.19619	0.233315	0.279528	1.24493	0.134499	0.464184	2.15374	0.752554	1.06269	1.06269	0.452182	1.48216	1.48216	0.206385	1.02537	1.02537	0.564923	1.11836	1.11836	1.36619	0.78222	0.503965	1
cg19621271	ADM2;MOXK	0.34776	0.160044	0.70455	-1.41935	0.805056	0.943941	-1.05939	0.0991359	0.65589	-1.5246	0.492353	1.20715	1.20715	0.025588	0.558023	-1.62718	0.566765	0.873643	-1.14463	0.258446	0.755426	1.32403	0.166053	0.871617	-1.14729	0.964054	0.989541	-1.01057	1.36619	1.18132	0.766242	1
cg16460960	GNLY;GNLY	0.34778	0.169386	0.674087	-1.48349	0.549665	0.849629	-1.17698	0.222784	0.768117	-1.4122	0.488431	0.827275	-1.20879	0.14256	1.52903	1.52903	0.526437	0.841203	-1.18877	0.161581	1.49589	1.49589	0.537949	1.18295	1.18295	0.845299	1.05404	1.05404	1.36618	1.53998	1.0218	1
cg04646100	KIAA1826	0.34779	0.409373	0.84195	-1.18784	0.5273	1.28373	1.28373	0.344246	1.19811	1.19811	0.261254	0.76781	1.30238	0.0472584	0.107268	2.7737	0.76156	1.18501	1.18501	0.446593	0.630037	-1.58721	0.186896	2.30045	2.30045	0.540034	1.4469	1.4469	1.36617	7.50443	4.99234	1
cg13983903	PLK2	0.34785	0.750893	1.20884	1.20884	0.806227	1.1576	1.1576	0.218401	0.462581	-2.16178	0.304502	1.88372	1.88372	0.0680612	0.296169	3.37645	0.776185	1.18501	1.18501	0.446593	0.630037	-1.58721	0.186896	2.30045	2.30045	0.540034	1.4469	1.4469	1.36617	7.50443	4.99234	1
cg04991203	SPG7;SPG7	0.34799	0.6816	1.14262	1.14262	0.432138	1.29571	1.29571	0.228618	1.50433	1.50433	0.984566	1.00647	1.00647	0.190044	0.597743	-1.67296	0.655472	0.9148	-1.09312	0.0214556	0.644128	0.880087	-1.13625	0.671071	1.14804	1.14804	0.651246	1.15778	1.15778	1.36613	2.2102	1.44908	1
cg04116858	TAGLN2	0.34802	0.208639	0.685008	-1.46008	0.438445	0.420222	-2.37969	0.147255	0.338824	-2.95133	0.539824	-1.85246	0.288086	0.666087	-1.50131	0.347785	0.594405	-1.68244	0.594498	0.344636	0.232225	0.635023	-1.57475	0.444648	0.84498	-1.18346	0.176996	0.704431	-1.42028	0.212933	0.621594	-1.60877	1.36612	2.78028	1.84965	1
cg21785054	PRAP1	0.34803	0.17955	0.215952	-4.63065	0.348729	0.35444	-2.82132	0.281309	0.300019	-3.33312	0.145372	0.37125	0.37125	0.804073	0.174501	1.75171	0.128837	0.171247	-5.8395	0.189135	0.224103	-4.46224	0.872542	1.18842	1.18842	0.94708	1.07398	1.07398	1.36612	2.44616	16.2737	1
cg13795379	CDYL;CDYL;CDYL2;CDYL2	0.34805	0.202106	0.494557	-2.02139	0.267065	0.57376	-1.74369	0.0650509	0.57587	-1.73677	0.0765705	0.418753	-2.38806	0.0777858	0.287102	3.48303	0.100201	0.12591	-7.94155	0.0108313	0.143133	6.9888	-2.51965	0.983794	0.01351	73.9963	0.0845493	0.307618	0.252505	1.36613	0.45499	0.30625	1
cg12139369	CDC42EP4	0.34819	0.652398	1.25321	1.25321	0.618862	1.28351	1.28351	0.974535	0.984239	-1.01601	0.178831	2.03942	2.03942	0.412958	0.659294	-1.51677	0.795582	0.878785	-1.13793	0.590519	1.31043	1.31043	0.0220867	3.91992	3.91992	0.428017	1.49591	1.49591	1.36608	5.24165	3.48725	1
cg05833629	NUDT6;NUDT6	0.34822	0.168575	0.733883	-1.36262	0.327937	1.01926	1.01926	0.909946	0.97642	-1.02415	0.827212	1.04718	1.04718	0.108918	0.44588	2.24488	0.700094	1.08505	1.08505	0.717088	0.92819	1.08025	1.08025	0.170798	0.92412	1.08351	1.05004	0.909127	0.975705	1.02481	0.364264	0.974606	0.648324	1
cg11453585	ACTR1A;SUFU	0.34823	0.271126	0.828042	-1.20767	0.353293	0.85445	-1.17034	0.576847	1.09729	1.09729	0.911821	0.10841	0.10841	0.932182	0.198608	0.10412	0.902098	1.01647	1.01647	0.0594551	1.41962	1.41962	0.0013401	1.3583	1.3583	0.906431	1.01955	1.01955	1.36607	0.573974	0.381866	1
cg21240420	CDL11A2;CDL11A2;CDL11A2	0.34841	0.270498	0.652722	-1.53205	0.423479	1.35523	1.35523	0.314612	0.54577	-1.83227	0.478352	0.764902	-1.30736	0.133069	0.547405	-1.8268	0.761332	0.892908	-1.11994	0.0948003	0.505262	-1.97917	0.592698	0.818097	-1.22235	0.123466	0.537724	-1.85969	1.36602	2.92546	1.94638	1
cg04862264	PUM2;PUM2	0.34847	0.919458	1.01634	1.01634	0.917227	1.27227	1.27227	0.176302	1.53636	1.53636	0.615772	1.14757	1.14757	0.0227625	0.176302	2.83626	0.642543	1.15025	1.15025	0.939701	1.16751	1.16751	0.939701	1.56729	1.56729	0.889084	1.8864	1.88641	-1.12805	1.36775	1.01972	0.614973	1
	APBB2;APBB2;APBB2;APBB2;APBB2;AP																																
cg04940059	BB2;APBB2	0.34848	0.125501	0.373259	-2.6791	0.144891	0.39433	-2.53595	0.319883	0.542852	-1.84212	0.444913	0.629482	-1.58861	0.0907338	0.334392	2.9905	0.267354	0.503197	-1.98729	0.131989	0.380493	-2.62817	0.536061	1.45125	1.45125	0.280776	0.513519	-1.94735	1.336	7.47459	4.9731	1
cg16944433	USP3	0.34849	0.566747	1.09851	1.09851	1.009934	1.32673	1.32673	0.239723	1.2211	1.2211	0.248495	1.21621	1.21621	0.798931	0.959429	-1.04229	0.292309	0.837548	-1.19396	0.645773	0.927655	-1.07799	0.110755	1.31507	1.31507	0.260651	1.20969	1.20969	1.336	0.557064	0.370634	1
cg12627948	VWC2	0.34851	0.301197	0.565346	-1.76883	0.55607	1.26997	1.26997	0.0740169	0.346437	-2.88653	0.960403	0.97955	-1.02088	0.191926	0.479206	-2.0864	0.244259	0.522792	-1.91281	0.516864	1.41892	1.41892	0.269101	1.84551	1.84551	0.656009	1.26958	1.26958	1.336	5.9977	3.99049	1
cg25110106	AMPD2;AMPD2;AMPD2	0.34851	0.0897	1.27297	1.27297	0.677884	1.30822	1.30822	0.0955783	1.42388	1.42388	0.247428	0.72428	0.72428	0.794134	0.164429	1.0049	0.0729548	1.01957	1.01957	0.912928	1.81189	1.81189	0.170751	1.07152	1.07152	0.999564	1.00004	0.991857	1.07152	-1.38982	0.279527	1.30715	1.30715	1.336	1.20108	0.799124	1
cg05688136	SPHKAP;SPHKAP	0.34851	0.89977	1.08907	1.08907	0.6889938	0.96919	1.96919	0.0913805	3.52161	3.52161	0.73161	0.792036	-1.26257	0.465435	0.604697	-1.65372	0.556772	0.668673	-1.4955	0.201747	2.49136	2.49136	0.726314	1.26867	1.26867	0.604957	0.702321	-1.42385	1.336	9.7025	6.45545	1
cg27055171	CMPK2;CMPK2	0.34853	0.758811	1.07173	1.07173	0.846804	1.09555

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N) vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T 27 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 27 vs. N)	p-value(121T vs. Change)	Fold-Change(1-vs-121T 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 47 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 53T vs. N)	p-value(527T vs. N)	Fold-Change(1-vs-527T 53T vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T 37 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg23272399	GPX7	0.347144	0.478168	1.23763	1.23763	1.817948	1.05498	1.06408	0.805221	1.07055	1.074055	1.140224	1.54235	1.54235	0.77283	1.08225	1.08225	0.417187	1.25409	1.25409	0.252868	0.721723	1.38557	0.2108802	1.43339	1.43339	0.0448969	1.87493	1.87493	1.33524	1.57683	1.04972	1
ch.10.27742581	BDOCK1	0.347147	0.156116	0.3119	-3.20616	0.0823885	0.228216	-4.38181	0.0746393	0.217647	-4.59459	0.143651	0.299236	-3.34185	0.211135	0.36362	-2.75012	0.673097	0.721914	-1.38521	0.191566	0.345879	-2.89119	0.279641	0.421873	-2.37038	0.729753	0.766216	-1.30511	1.33523	12.469	8.30089	1
cg14295696	FHL1;FHL1;FHL1;FHL1;FHL1	0.347151	0.0619069	0.221062	-4.52362	0.2323316	0.406876	-2.45775	0.232903	0.40738	-2.45471	0.305075	0.24354	2.14354	0.931451	1.06371	1.06371	0.221933	0.397881	-2.51332	0.183566	0.363156	-2.75364	0.6904558	0.750231	-1.332592	0.4095539	0.545793	-1.832319	1.33522	10.8992	7.25584	1
cg23779621	TMEM54;TMEM54	0.347158	0.574951	1.8823	1.1334	0.391575	1.214121	1.214121	0.139035	1.42181	1.42181	0.852247	0.9596259	-1.04207	0.0805754	1.53471	1.53471	0.703923	0.919075	-1.08803	0.181297	0.73077	-1.36842	0.749061	0.931558	-1.07351	0.3808857	1.21977	1.21977	1.3512	1.01297	0.687685	1
cg19824325	SETD6;SETD6	0.347166	0.961535	1.01174	1.01174	0.46812	1.1957	1.1957	0.0157323	2.04745	2.04745	0.994369	0.998293	-1.00171	0.152499	1.44924	1.44924	0.887648	0.966353	-1.03482	0.913609	1.02662	1.02662	0.582221	1.14399	1.14399	0.476804	1.19142	1.19142	1.35518	1.23956	0.825231	1
cg23120243	GMDS	0.347168	0.306994	0.584335	-1.71335	0.5132276	0.71403	-1.4005	0.2606229	0.550968	-1.81499	0.135667	0.441755	-2.26377	0.0719537	0.36041	-2.77462	0.0709449	0.37236	-2.68557	0.104882	0.406418	-2.46052	0.712798	0.828752	-1.20663	0.3216441	0.594408	-1.682351	1.33518	5.45808	3.63369	1
cg01745370	GCC2;GCC2	0.347169	0.292481	0.704959	-1.41852	0.6696488	0.522299	-1.91461	0.58385	0.8377132	-1.19373	0.0664414	1.9327	1.9327	0.987732	1.00493	1.00493	0.751184	1.1072	1.1072	0.901131	0.9609955	-1.04059	0.9525556	0.981133	-1.01923	0.51378	0.8089886	-1.23611	1.33517	2.16694	1.44263	1
cg19480935	SAAD1;SAAD1	0.347174	0.891593	0.952445	-1.04993	0.6823196	0.21279	2.1279	0.732883	0.8805951	-1.13564	0.847865	1.07103	1.07103	0.507483	0.780429	-1.28157	0.825338	1.08217	1.08217	0.265868	0.656048	-1.52394	0.0773136	0.201757	0.201757	0.8952211	0.954006	-1.04821	1.33516	2.69966	1.79732	1
cg22922695	PHF17;PHF17	0.347187	0.425854	0.8546669	-1.16758	0.302027	0.815679	-1.22597	0.0498171	0.652917	-1.53159	0.601932	1.03548	1.03548	0.421148	0.8550558	-1.16951	0.498906	0.877395	-1.13974	0.0992724	0.508147	-1.411	0.523651	1.13105	1.13105	0.6945099	1.07808	1.07808	0.708135	0.7677706	0.5111117	1
cg04388278	PRKAR2B	0.347188	0.768372	0.874161	-1.14395	0.669545	1.21593	1.21593	0.307651	0.618225	-1.61753	0.675741	1.21115	1.21115	0.976588	1.01345	1.01345	0.375742	1.51283	1.51283	0.605797	0.78893	-1.26754	0.0218946	0.349893	0.349893	0.4514	1.41825	1.41825	1.33513	4.38527	2.91959	1
cg04726275	CACNA1H;CACNA1H	0.347203	0.8181328	1.10245	1.10245	0.6507283	1.204	1.204	0.2006514	0.9195713	0.6016576	-1.66202	0.5548522	1.80251	0.7289	1.23018	0.813571	1.40507	1.40507	1.40507	1.00217	0.9731	1.16077	1.88596	1.88596	0.0475476	2.621723	2.62105	0.0127207	1.1438	1.6228	0.7885559	1.12057	1.12057	1.33508	3.79218	2.53481	1
cg24919753	GRK5	0.347231	0.503843	0.532148	-1.87918	0.187266	0.658653	1.66853	0.36206	0.284633	2.28433	0.644916	0.649511	-1.53962	0.341758	0.452733	-2.20948	0.242306	0.163219	6.250578	0.0503718	0.0550778	-1.90703	0.0698752	0.324574	-3.08286	0.5004272	0.688985	-1.45141	1.33506	6.45872	4.30024	1
cg21630704	ZBTB40;ZBTB40	0.347234	0.795268	1.0504	1.0504	0.8127202	0.2954	1.2954	0.0157323	2.04745	2.04745	0.994369	0.998293	-1.00171	0.152499	1.44924	1.44924	0.887648	0.966353	-1.03482	0.913609	1.02662	1.02662	0.582221	1.14399	1.14399	0.476804	1.19142	1.19142	1.35518	1.23956	0.825231	1
cg12420243	GMDS	0.347238	0.306994	0.584335	-1.71335	0.5132276	0.71403	-1.4005	0.2606229	0.550968	-1.81499	0.135667	0.441755	-2.26377	0.0719537	0.36041	-2.77462	0.0709449	0.37236	-2.68557	0.104882	0.406418	-2.46052	0.712798	0.828752	-1.20663	0.3216441	0.594408	-1.682351	1.33518	5.45808	3.63369	1
cg01745370	GCC2;GCC2	0.347169	0.292481	0.704959	-1.41852	0.6696488	0.522299	-1.91461	0.58385	0.8377132	-1.19373	0.0664414	1.9327	1.9327	0.987732	1.00493	1.00493	0.751184	1.1072	1.1072	0.901131	0.9609955	-1.04059	0.9525556	0.981133	-1.01923	0.51378	0.8089886	-1.23611	1.33517	2.16694	1.44263	1
cg19480935	SAAD1;SAAD1	0.347174	0.891593	0.952445	-1.04993	0.6823196	0.21279	2.1279	0.732883	0.8805951	-1.13564	0.847865	1.07103	1.07103	0.507483	0.780429	-1.28157	0.825338	1.08217	1.08217	0.265868	0.656048	-1.52394	0.0773136	0.201757	0.201757	0.8952211	0.954006	-1.04821	1.33516	2.69966	1.79732	1
cg22922695	PHF17;PHF17	0.347187	0.425854	0.8546669	-1.16758	0.302027	0.815679	-1.22597	0.0498171	0.652917	-1.53159	0.601932	1.03548	1.03548	0.421148	0.8550558	-1.16951	0.498906	0.877395	-1.13974	0.0992724	0.508147	-1.411	0.523651	1.13105	1.13105	0.6945099	1.07808	1.07808	0.708135	0.7677706	0.5111117	1
cg04388278	PRKAR2B	0.347188	0.768372	0.874161	-1.14395	0.669545	1.21593	1.21593	0.307651	0.618225	-1.61753	0.675741	1.21115	1.21115	0.976588	1.01345	1.01345	0.375742	1.51283	1.51283	0.605797	0.78893	-1.26754	0.0218946	0.349893	0.349893	0.4514	1.41825	1.41825	1.33513	4.38527	2.91959	1
cg04726275	CACNA1H;CACNA1H	0.347203	0.8181328	1.10245	1.10245	0.6507283	1.204	1.204	0.2006514	0.9195713	0.6016576	-1.66202	0.5548522	1.80251	0.7289	1.23018	0.813571	1.40507	1.40507	1.40507	1.00217	0.9731	1.16077	1.88596	1.88596	0.0475476	2.621723	2.62105	0.0127207	1.1438	1.6228	0.7885559	1.12057	1.12057	1.33508	3.79218	2.53481	1
cg24919753	GRK5	0.347231	0.503843	0.532148	-1.87918	0.187266	0.658653	1.66853	0.36206	0.284633	2.28433	0.644916	0.649511	-1.53962	0.341758	0.452733	-2.20948	0.242306	0.163219	6.250578	0.0503718	0.0550778	-1.90703	0.0698752	0.324574	-3.08286	0.5004272	0.688985	-1.45141	1.33506	6.45872	4.30024	1
cg27630385	CTHrC1	0.347232	0.155245	0.4614461	-2.16773	0.1098988	0.615732	-1.62433	0.1295	0.4956156	0.7710867	0.8510386	-1.17497	0.2855	0.54758	-1.826322	0.3060003	0.5566278	-1.79637	0.5028312	0.686709	-1.45622	0.0515806	0.306076	-3.26491	0.6829752	0.1243574	-3.08286	0.504472	0.6889585	-1.45141	1.33506	6.45872	4.30024	1
cg10877044	LOC645323;LOC645323;LOC645323	0.347215	0.742468	1.10208	1.10208	0.5322359	1.21062	1.21062	0.0157323	2.04745	2.04745	0.994369	0.998293	-1.00171	0.152499	1.44924	1.44924	0.887648	0.966353	-1.03482	0.913609	1.02662	1.02662	0.582221	1.14399	1.14399	0.476804	1.19142	1.19142	1.35518	1.23956	0.825231	1
cg12431453	TUBGCP4	0.347221	0.468909	0.8653303	-1.15567	0.355992	1.20491	1.20491	0.629201	1.10024	1.10024	0.611758	0.904388	-1.10572	0.549453	0.65325	-1.53316	0.793211	0.949726	-1.05293	0.765593	1.06046	1.06046	0.507603	0.876385	-1.14105	0.0710935	0.673103	-1.48566	1.33503	0.8150607	0.542686	1
cg09513877	ERAP1;ERAP1	0.347229	0.822207	1.08055	1.08055	0.4738544	1.2936	1.2936	0.6572118	1.52156	1.52156	0.0244574	0.479894	-2.0838	0.42064	0.79224	-1.26224	0.941561	1.04897	1.04897	0.42064	0.803323	1.24483	0.950476	0.983132	-1.01716	0.9667762	0.988652	-1.01148	1.3499	1.0803	1.05604	1
cg04156896	MFSD2A;MFSD2A	0.347247	0.453207	0.559631	-1.78689	0.04001188	0.06766	0.06766	0.01678	3.81022	3.81022	0.829248	1.1783	1.1783	0.744761	0.780234	-1.28167	0.882221	1.11921	1.11921	0.414353	0.53053	-1.88491	0.44866	1.79779	1.79779	0.988547	1.01096	1.01096	1.33497	12.2017	8.12466	1
cg19519293	ANKRD34	0.347253	0.0722915	0.53269	1.50269	0.403136	0.840213	-1.19017	0.399962	1.19118	1.19118	0.691668	0.922252	-1.0843	0.628787	0.909825	-1.10397	0.255301	1.22127	1.22127	0.159158	0.736966	-1.35691	0.75938	0.919002	-1.08439	0.452651	1.1681	1.1681	1.33496	0.871622	0.580375	1
cg20176915	SEZ6L2;SEZ6L2;SEZ6L2;SEZ6L2	0.347258	0.8944991	1.0769	1.0769	0.507786	0.687153	-1.45528	0.163641	0.293154	2.29354	0.308668	0.597927	-1.06618	0.06708	0.31798	-3.14584	0.326513	0.567989	-1.7606	0.104168	0.370821	-2.69672	0.979018	1.01479	0.766157	0.8465885	1.18122	1.18494	1.33496	6.59263	4.38979	1
cg21074476	APOLD1	0.347259	0.290288	1.86514	1.86514	0.199306	0.462898	-2.1603	0.868117	0.909929	-1.09899	0.038941	0.257281	-3.88681	0.506373	1.46657	1.46657	0.402649	1.62653	1.62653	0.854797	1.10965	1.10965	0.717452	0.813509	-1.22924	0.6346401	0.761911	-1.31249	1.33494	6.82009	4.54125	1
cg17511168	KCP	0.347263	0.224825	0.599418	-1.66829	0.100292	0.260616	0.195713	0.573758	1.73203	0.494299	0.755925	-1.32315	0.201234	0.583571	1.71919	0.581571	0.794513	1.31947	1.31947	0.491949	0.959958	1.04206	0.444451	0.792186	-1.26245	0.219172	0.595272	-1.6799	1.33494	3.40707	2.26864	1
cg18328894	CPXJ2	0.347261	0.540253	1.5496	1.5496	0.547114	0.650235	-1.53791	0.42573	0.562938	-1.77538	0.597138	1.45729	1.45729	0.137308	2.18123	0.457652	0.207915	0.672057	2.07979	2.07979	0.806813	1.18896	1.18896	0.026076	0.156456	-6.45763	0.521625	0.632006	-1.58226	0.533128	0.640234	-1.56193	1.33494	10.5509	7.02546	1
cg20307194	ABCA13	0.347263	0.4700388	1.22095	1.22095	0.4744266	1.07007	1.07007	0.0157323	2.04745	2.04745	0.994369	0.998293	-1.00171	0.152499	1.44924	1.44924	0.887648	0.966353	-1.03482	0.913609	1.02662	1.02662	0.582221	1.14399	1.14399	0.476804	1.19142	1.19142	1.35518	1.23956	0.825231	1
cg08161449	MAP2K1;MAP2K1	0.34727	0.1586	1.29462	1.29462	0.259301	0.816099	-1.22534	0.368644	0.853663	-1.17142	0.188324	0.787532	-1.26979	0.239257	0.809633	1.23513	0.25229	1.22741	1.22741	0.406558	1.1566	1.1566	0.807702	1.04267	1.04267	0.886946	0.97592	1.02467	1.33491	1.6207	0.6207339	0.413336	1
cg19865916	NCDN;NCDN;NCDN	0.347274	0.0796003	0.316079	-3.16377	0.571468	0.71282	-1.40288	0.76733	0.838921	-1.19201	0.890831	0.921922	-1.08469	0.178691	0.429228	-2.32977	0.28991	0.521465	-1.91767	0.0525488	0.27122	-3.68704	0.141054	0.361447	-2.76666	0.414049	0.610007	-1.63933	1.3949	7.40882	4.93341	1
cg21262854	CCDC122;CCDC122	0.347277	0.124154	0.2803258	-3.56741	0.2084487	1.18244	1.18244	0.3933	1.13643	1.13643	0.716474	1.16574	1.16574	0.641515	0.857314	-1.16623	0.0941561	0.0833132	12.00125	0.0499068	0.0592554	-16.8756	0.0594227	0.0973447	-10.2733	0.1644599	0.1995403	-5.01199	1.3948	6.89984	4.59376	1
cg05527136	AGAP1;AGAP1	0.34728	0.832941	0.941977	-1.0616	0.521398	1.20192	1.20192	0.0486456	1.89143	1.89143	0.986908	1.00465	1.00465	0.217329	0.692598	-1.44384	0.764419	1.08877	1.08877	0.12882	0.628452	-1.59121	0.761997	1.08976	1.08976	0.7766334	1.08382	1.08382	1.33489	1.69313	1.12744	1
cg16620757	MED11	0.347287	0.377255	0.8231601	-1.21734	0.6065979	0.876	-1.14155	0.5138651	1.39667	1.39667	0.579394	1.13059	1.13059	0.248885	0.760784	-1.3143	0.240061	0.765834	-1.30577	0.161754	0.725427	-1.3785	0.6477406	0.737676	-1.35605	0.5442984	0.841502	-1.18855	1.3484	0.994422	0.662398	1
cg21882657	DHX37	0.347298	0.07880062	0.34576	1.34576	0.0431887	1.42458	1.42458	0.442222	1.1263	1.1263	0.924857	0.98575	-1.01446	0.41426	1.13542	1.13542	0.521642	1.10386	1.10386	0.150051	1.2646	1.2646	0.717724	0.946266	-1.05679	0.914035	1.01656	1.01656	1.3484	1.4893131	0.325852	1
cg22368976	NTNG1;NTNG1;NTNG1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.3473	0.993066	0.996144	-1.00387	0.552693	0.765661	-1.30606	0.383653	0.672247	-1.48755	0.767682	0.87661	-1.14076	0.545106	1.31292	1.31292	0.60735	1.25913	1.25913	0.136287	2.04131	2.04131	0.761707	0.8735536	-1.14477	0.0381899	0.343691	-3.04639	2.9096	1.33483	4.17826	2.78224	1
cg18014246	PRKAR1B;PRKAR1B	0.347306	0.587347	2.10949	2.10949	0.408217	0.315885	-3.16571	0.589009	2.10237	2.10237	0.468915	0.366514	-2.72841	0.16464	0.132703	-7.53564	0.823828	1.35493	1.35493	0.18059	0.71988	7.8998	0.157348	0.127461	-7.84555	1.34282	39.2321	26.1256	1
cg21166685	SCRIB;SCRIB	0.347309	0.53222	1.20571	1.20571	0.4772453	0.6554	-1.5254	0.4599	0.5931	-1.68628	0.2207738	0.741153	-1.34935	0.4910898	1.22973	1.22973	0.415053	0.184288	5.426703	0.0140102	0.168443	5.940315	0.0562752	0.106535	9.384223	0.1016681	0.1033412	9.590581	1.33482	1.43873	1.23079	1
cg10076809	CUL5	0.34731	0.78921	1.05276	1.05276	0.07691145	1.45862	1.45862	0.517851	1.13407	1.13407	0.996123	0.999068	-1.00093	0.577674	0.897681	1.11398	0.670344	1.0837	1.0837	0.191929	0.76714	-1.30354	0.0988846	0.706638	-1.41515	0.6990338	0.928157	-1.0774	1.3481	0.778549	0.518459	1
cg26195338	DNAH17	0.347315	0.192182	2.87065	2.87065	0.89956	1.10127	1.10127	0.909433	0.916743	-1.09082	0.168906	0.36405	2.74625	0.0157323	2.04745	2.04745	0.994369	0.998293	-1.00171	0.152499	1.44924	1.44924	0.887648	0.966353	-1.03482	0.913609	1.02662	1.02662	0.582221	1.14399	1.14399	0.476804	1.19142	1.19142	1.35518	1.23956	0.825231	1
cg25773630	GPR158	0.347315	0.9702184	1.09208	1.09208	0.5044344	1.172577	1.172577	0.0157323	2.04745	2.04745	0.994369	0.998293	-1.00171	0.152499	1.44924	1.44924	0.887648	0.966353	-1.03482	0.913609	1.02662	1.02662	0.582221	1.14399	1.14399	0.476804	1.19142	1.19142	1.35518	1.23956	0.825231	1
cg18162223	RND1	0.347316	0.0760039	1.85793	1.85793	0.192367	1.5417	1.5417	0.0938832	1.78233	1.78233	0.72888	0.896582	-1.11535	0.500311	0.806837	-1.23941	0.506217	1.23565	1.23565	0.936537	1.0253	1.0253	1.15562	1.61068	1.61068	0.563213	1.20124	1.20124	1.33479	2.0807	1.38562	1
cg15778437	FAIM2	0.347317	0.156709	0.3145	-3.18045	0.8763782	0.34653	-1.3463	0.3133895	0.85029	0.854385	0.1170645	1.38642	1.38642	7	0.2601061	1.9856	0.7959049	0.6093127	-1.64115	0.0626081	0.5482	0.5482	0.5	0.6092	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
cg03302448	CUGBP2	0.347325	0.945583	0.939468	-1.06443	0.120347	0.67047	-1.67047	0.0191611	0.33678	0.33678	0.485685	1.9118	1.9118	0.716776	0.716579	1.39552	0.514747	1.82998	1.82998	0.746398	1.34558	1.34558	0.493328	1.88564	1.88564	0.936718	1.07534	1.07534	1.33477	17.6898	11.7805	1
cg17167289	HIGD1A;HIGD1A;HIGD1A	0.347336	0.170689	0.175131	-5.71001	0.890543	0.851154	-1.17438	0.711082	1.54486	1.54486	0.884506	0.843933	-1.18493	0.39266	2.80378	2.80378	0.88872	0.849219	-1.17755	0.0431654	1.74834	1.74834	7	7	?	0.849394	0.8009942	-1.24853	1.40994	25.7504	13.6976	1
cg10883036	RAB30	0.347342	0.154042	0.3178955	-3.14645	0.8763782	0.34653	-1.3463	0.3133895	0.85029	0.854385	0.1170645	1.38642	1.38642	7	0.2601061	1.9856	0.7959049	0.6093127	-1.64115	0.0626081	0.5482	0.5482	0.5	0.6092	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
cg04086407	ANKRD11	0.34735	0.780765	0.804742	-1.24263	0.0382668	0.4851	0.4852	0.0539671	0.49189	0.946697	1.05341	1.03543	0.967586	0.66139	-1.51397	0.851165	1.15748	1.15748	0.15748	0.92979	0.932946	-1.07187	0.744339	1.28991	1.28991	0.869192	0.879567	-1.13682	1.3471	12.8142	8.534	1
cg12592691	CD81	0.347353	0.5758803	1.0762	1.0762	0.5111543	0.708748	-1.41107	0.3937	0.7108	1.40677	0.3988321	0.28874	-3.46237	0.0407337	0.2463	-4.06098	0.1644511	0.0833132	12.00125	0.0499068	0.0592554	-16.8756	0.0594227	0.0973447	-10.2733	0.1644599	0.1995403	-5.01199	1.3468	6.89984	4.59376	1
cg03689181	TBC1D14;TBC1D14	0.347353	0.808282	1.15782	1.15782	0.604693	1.36998	1.36998	0.400705	1.67955	1.67955	0.483722	0.651143	-1.53576	0.788727	0.850528	-1.17574	0.659187	0.765256	-1.30675	0.0356517	0.36653	0.36653	0.0916686	0.36325	0.36325	0.589628	1.38853	1.38853	1.3467	7.68105	5.11547	1
cg04709655	TSN	0.347354	0.538645	1.0656	1.0656	0.185528	0.978558	-1.13693	0.736691	0.960625	-1.03133	0.916644	0.994723	-1.00574	0.961353	0.994723	-1.00574	0.240016	0.765834	-1.30577	0.161754	0.725427	-1.3785	0.6477406	0.737676	-1.35605	0.5442984	0.841502	-1.18855	1.3484	0.994422	0.662398	1
cg09137718	DENND2A	0.347366	0.445221	0.65502	-1.52706	0.2787866	1.0857	1.0857	0.0157323	2.04745	2.04745	0.994369	0.998293	-1.00171	0.152499	1.44924	1.44924	0.887648	0.966353	-1.03482	0.913609	1.02662	1.02662	0.582221	1.14399	1.14399	0.476804	1.19142	1.19142	1.35518	1.23956	0.825231	1
cg03823305	UHRF1BP1;UHRF1BP1L	0.347367	0.950567	0.978765	-1.0217	0.572376	1.21835	1.21835	0.578536	1.21443	1.21443	0.817004	0.92289	-1.08355	0.144856	0.58153	-1.7196	0.023568	0.391435	-2.5547	0.836077	0.930783	-1.07436	0.79124	0.912248	-1.09619	0.3694668	0.726809	-1.37588	1.33466	2.53346	1.6873	1
cg03706435	SON;SON	0.347372	0.952444	1.03797	1.03797	0.139225	2.4385	2.4385	0.222884	0.88802	0.88802	0.24951	0.364431	0.591327	-1.68541	0.452059	0.634624	-1.57811	0.839503	0.839503	0.452359	0.53408	-1.62732	0.3529663	0.509237	-1.75674	0.4532359	0.53408	-1.88002	1.33465	0.630918	0.373132	0.640383	0.416	1
cg01937314	LSM12;LSM12	0.347373	0.375024	1.24154	1.24154	0.40948	1.19949	1.19949	0.177481	1.35791	1.35791	0.746579	0.933657	-1.07106	0.134166	0.708353	-1.41173	0.93979	0.984003	-1.01626	0.287344	0.788917	-1.26596	0.12904	1.41928	1.41928	0.834203	0.956243	-1.04576	1.33464	0.9633239	0.641528	1
cg12543649	TH1L3	0.347374	0.623814	1.20675	1.20675	0.0199569	1.51048	1.51048	0.824998	1.03282	1.03282	0.262266	0.843269	-1.18586	0.561897	1.08929	1.08929	0.850722	1.02786	1.02786	0.66315	0.938152	-1.06593	0.7481987	1.05497	1.05497	0.438616	1.12211	1.12211	1.33464	0.4995562	0.359412	1
cg27713016	STC2	0.347378	0.811025	1.05068	1.05068	0.4208224	1.08145	1.08145	0.0157323	2.04745	2.04745	0.994369	0.998293	-1.00171	0.152499	1.44924	1.44924	0.887648	0.966353	-1.03482	0.913609	1.02662	1.02662	0.582221	1.14399	1.14399	0.476804	1.19142	1.19142	1.35518	1.23956	0.825231	1
cg20268537	MAP2K5;MAP2K5	0.347381	0.510234	0.616085	-1.62315	0.027097	0.14996	-6.66846	0.0785318	0.242422	-4.12504	0.86279	0.882105	-1.13365	0.391405	0.528977	-1.89044	0.677957	0.738725	-1.35368	0.451675	0.573453	-1.74382	0.305982	0.463645	-2.15682	0.747677	1.26374	1.34462	1.33462	11.1161	7.4036	1
cg20809224	C15orf52;C15orf52	0.347384	0.0441113	0.4758988	2.10104	0.1443726	0.7252445	1.37898	0.7252445	1.37898	0.38992	0.923861	1.08664	1.08664	0.419897	0.455752	-2.19417	0.0760663	0.144831	6.905784	0.0166364	0.0218475	-45.7752	0.0244613	0.0406983	-24.5755	0.0684253	0.0833132	-12.0013	1.3463	6.89984	4.59376	1
cg07825508	RPL36A	0.347393	0.22709	0.387606	-2.57994	0.647196	0.68248	-1.46524	0.844472	0.849733	-1.17684	0.0907157	0.68841	0.68841	0.0913207	4.6722	4.6722	0.275319	0.390278	-2.56228	0.605506	0.64924	-1.54026	0.748866	1.30511	1.30511	0.846349	1.17449	1.17449	1.34459	14.5278	9.67608	1
cg03731209	RUFY1;RUFY

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(5 2ST vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12275652	GALE;GALC;GALE		0.347836	0.897921	1.02498	1.02498	0.637468	-1.19408	0.246269	0.79295	-1.26111	0.696706	0.927475	-1.07822	0.756701	1.06701	1.06701	0.348676	0.830527	-1.20405	0.017304	0.572782	-1.74586	0.930469	1.01692	1.01692	0.897412	1.0251	1.0251	1.33345	0.780259	0.520127	1
cg10234841	C13orf37;C13orf34		0.347838	?	?	?	0.964695	0.971902	-1.02891	0.347856	1.86852	1.86852	?	?	?	0.709017	1.57108	1.57108	?	?	?	0.049312	4.37102	4.37102	0.932407	0.946841	-1.05614	1.34367	4.79854	4.99971	1
cg26296969	TCF1;TCF1		0.347847	0.972359	0.992518	-1.00754	0.340064	0.771782	-1.2957	0.392998	1.25929	1.25929	0.248878	1.37376	1.37376	0.182956	1.45109	1.45109	0.889328	1.03706	1.03736	0.008199	1.95062	1.95062	0.622436	1.1397	1.1397	0.474933	1.21098	1.21098	1.33342	1.46596	0.977241	1
cg18418928	MDS2		0.720278	0.908428	-1.1008	1.378954	0.785787	-1.27254	0.034742	0.518215	-1.9297	0.99734	1.01498	1.01439	0.816557	0.939823	-1.06403	0.411296	0.799003	-1.25156	0.146235	0.650295	-1.51677	0.775877	1.07922	1.07922	0.289142	1.34163	1.34163	1.33341	1.50651	1.00429	1
cg11859478	TAF9B		0.347856	0.04369937	0.240733	-4.15399	0.098387	0.328054	-3.04828	0.456662	1.67277	-1.59295	0.83659	1.13524	1.13524	0.552232	0.691207	-1.14674	0.120368	0.355337	-2.81423	0.870099	0.904371	-1.10574	0.909413	1.0724	1.0724	0.743795	2.12313	1.23313	3.3344	7.96323	5.30989	1
cg04871131	PON1		0.347876	0.490873	0.83071	-1.20379	0.349853	1.29054	1.29054	0.275439	1.34994	1.34994	0.410037	1.7990869	-1.25021	0.731366	1.09564	1.09564	0.512061	1.19274	1.19274	0.024316	2.01701	2.01701	0.922338	1.02618	1.02618	0.597111	1.15187	1.15187	1.33339	1.48361	0.980034	1
cg05571448	PPP3CA;PPP3CA;PPP3CA		0.347861	0.867928	1.09869	1.09869	0.678404	1.26591	1.26591	0.399458	1.62871	1.62871	0.785154	0.856822	-1.1671	0.05455654	0.291348	-3.43233	0.213815	2.09637	2.09637	0.291545	0.538538	-1.85688	0.626911	1.31917	1.31917	0.267001	0.519986	-1.92313	1.33338	6.7532	4.50196	1
cg01975622	IL11		0.347863	0.05575564	0.441821	-2.26336	0.262077	1.55384	1.55384	0.353712	0.97836	-1.02212	0.88183	0.945483	-1.05766	0.658896	0.849237	-1.18226	0.539811	1.27032	1.27032	0.145368	0.554729	-1.80268	0.300741	0.6009113	-1.66413	0.935187	1.03113	1.03113	1.33338	2.99954	1.99962	1
cg20766980	C3orf35;C3orf35		0.347873	0.841893	1.1375	1.1375	0.827817	1.15087	1.15087	0.418043	2.45924	2.45924	0.100884	3.023945	-1.01866	0.891668	1.02221	1.02221	0.939065	1.05056	1.05056	0.86555	1.11551	1.11551	0.548725	1.47909	1.47909	0.259461	0.468193	-2.13587	1.33336	8.78759	5.85829	1
cg09631192	CST9		0.347873	0.527027	0.666704	-1.49992	0.740956	0.810706	-1.23349	0.160791	0.387684	-2.57942	0.107955	0.03267	0.03267	0.22102	0.44318	-2.25642	0.449594	1.62801	1.62801	0.203052	0.427437	-2.33953	0.791174	1.18278	1.18278	0.561281	1.44999	1.44999	1.33335	8.44931	5.63278	1
cg17246352	MCTS1;MCTS1;MCTS1		0.347877	0.109781	1.2408374	1.2408374	0.337033	1.42316	0.2825144	1.54863	1.44363	0.2228366	1.4134557	1.4134557	0.2001201	1.43457	1.43457	0.1185003	0.8889983	-1.1488	0.713816	0.5909451	1.6922	0.8320727	1.5435444	0.6004557	0.470145	2.127	0.333155	43.0696	28.7128	1
cg22423984	EPB41L1		0.347878	0.957946	0.960968	-1.04062	0.18002	1.60216	1.60216	0.0742984	4.48859	0.998411	0.998408	-1.0015	0.89923	0.908776	-1.10038	0.207329	0.36318	-2.75346	0.335621	0.472524	-2.1163	0.50253	0.598216	-1.67164	0.784447	1.23	1.23	1.33334	1.23	0.085	1
cg03495053	TH1G2		0.347879	0.286091	0.479861	-2.11032	0.0828809	0.273799	-3.65231	0.11298	0.332635	-3.01662	0.781212	1.20642	1.20642	0.321299	1.98896	1.98896	0.785309	1.03206	1.03206	0.912963	1.06891	1.06891	0.329096	1.97168	1.97168	0.6929353	1.13383	1.13383	1.33334	0.93913	0.6995	1
cg27327785	RING1		0.347882	0.296364	0.692273	-1.44502	0.700137	1.14048	1.14048	0.333233	1.40357	0.977442	0.907034	-1.10249	0.220622	0.645714	-1.54867	0.51134	1.25248	1.25248	0.0735292	1.96933	1.96933	0.2605589	1.68967	1.48967	0.334304	1.40246	1.40246	1.33333	2.43629	1.6242	1
cg02383302	CEP70		0.347883	0.215592	1.20165	1.20165	0.917857	0.985565	-1.01465	0.874017	1.02262	1.02262	0.914691	1.01522	1.01522	0.0306401	1.43038	1.43038	0.631951	0.934245	-1.07038	0.522949	1.09554	1.09554	0.528618	0.913953	-1.09415	0.115565	1.23877	1.23877	1.33333	0.419484	0.279657	1
cg13496098	C10orf131		0.347894	0.361558	0.458812	-2.21922	0.0413751	0.18662	-4.98662	0.263699	2.21605	2.21605	0.95641	1.03804	1.03804	0.525397	1.55192	1.55192	0.273414	2.17835	2.17835	0.175831	0.79353	-1.26019	0.452276	0.592754	-1.68704	0.710221	1.29033	1.29033	1.33332	0.948942	0.56645	1
cg26032151	GAUNT9		0.347898	0.478957	0.572546	-1.74659	0.755225	1.27418	1.27418	0.545455	1.60653	1.60653	0.570546	0.641365	-1.55918	0.435438	0.539819	-1.85247	0.62288	0.681102	-1.46821	0.0144183	0.096674	-10.344	0.822867	0.840535	-1.18972	0.451848	0.552181	-1.811	1.33329	12.6762	8.45107	1
cg19120995	SPRY1;SPRY1;SPRY1		0.347901	0.229781	0.673454	-1.48438	0.70835	1.12513	1.12513	0.570403	1.83769	1.83769	0.491792	0.786224	-1.2719	0.195595	0.650883	-1.53637	0.99082	0.996397	-1.00362	0.198953	0.615321	-1.5309	0.447663	0.771165	-1.29674	0.673999	0.875691	-1.14286	1.33326	2.07849	1.38574	1
cg01237176	BTN2A3		0.347919	0.09673737	1.18908	1.18908	0.91372	1.01973	-1.01973	0.255958	1.28831	1.28831	0.976087	1.00542	1.00542	0.731243	1.04876	1.04876	0.436847	1.1537	1.1537	0.245056	1.24506	1.24506	0.0469774	1.50658	1.50658	0.1124161	1.36549	1.36549	1.33324	0.686027	0.457385	1
cg27099086	BRD2;BRD2		0.347926	0.268381	1.29028	1.29028	0.280585	0.780398	-1.2814	0.749421	0.931607	-1.07341	0.634856	1.11156	1.11156	0.953366	0.987154	-1.01301	0.605981	1.12191	1.12191	0.397784	0.825797	-1.21095	0.119809	0.688587	-1.45225	0.0667644	0.634837	-1.57521	1.33322	1.03199	0.688054	1
cg04011182	PDE1C		0.347933	0.832468	1.09587	1.09587	0.858213	1.14286	1.14286	0.283103	1.20389	1.20389	0.319914	0.845561	-1.18283	0.891258	0.950683	-1.05169	0.863134	1.02952	1.02952	0.837204	0.904005	-1.08225	0.915987	1.07293	1.07293	0.101684	1.34732	1.34732	1.33321	0.584512	0.389711	1
cg09826221	SUCLA2		0.347932	0.257003	1.75235	-1.36378	0.490347	0.832144	-1.20172	0.344018	0.774424	-1.29128	0.873128	0.958955	-1.0428	0.584546	0.673426	-1.48494	0.155087	0.670958	-1.49041	0.072988	0.591869	-1.68956	0.273477	1.34835	1.34835	0.397739	0.796851	-1.25494	1.3332	1.45231	0.968302	1
cg20425219	TSS101		0.347934	0.746027	1.14481	1.14481	0.972587	1.0144	1.0144	0.977393	1.13891	1.13891	0.518493	0.771698	-1.29584	0.422427	0.773547	-1.29327	0.594883	1.05911	1.05911	0.798541	1.08381	1.08381	0.329096	1.97168	1.97168	0.6929353	1.13383	1.13383	1.33334	0.93913	0.6995	1
cg13617209	CDL11A2;CDL11A2;CDL11A2		0.347941	0.35907	0.552305	-1.81059	0.427513	0.600509	-1.66525	0.749611	0.817444	-1.22333	0.411831	1.69595	1.69595	0.0758978	0.288358	3.46791	0.94827	0.959978	-1.04169	0.460496	0.62312	-1.60483	0.0894331	0.52068	3.25068	0.859388	1.1181	1.1181	1.33318	8.3676	5.57905	1
cg07239452	ARHGEF10		0.347942	0.449343	0.815	-1.22699	0.606961	0.871369	-1.14762	0.386625	0.79018	-1.26553	0.798847	1.07011	1.07011	0.300267	1.32955	1.32955	0.213507	1.39299	1.39299	0.0529025	1.79282	1.79282	0.546211	0.850396	-1.17592	0.332564	1.30375	1.30375	1.33318	1.48675	0.991283	1
cg24785168	C3orf17;C3orf17;C3orf17		0.347943	0.11758	1.2277	1.2277	0.75205	0.744224	-1.34707	0.303	0.586177	-1.70303	0.518817	1.10746	1.10746	0.115592	1.11763	1.11763	0.0255958	2.13811	2.13811	0.0170687	1.10542	1.10542	0.0450156	2.24506	2.24506	0.0469774	1.50658	1.50658	1.33317	2.98008	1.99962	1
cg23549385	USP4;USP4		0.347945	0.255236	1.46769	1.46769	0.594016	1.18981	-1.18981	0.474996	1.26449	1.26449	0.860444	0.944741	-1.05849	0.640736	0.859142	-1.16395	0.151823	0.608977	-1.6421	0.08233	0.537045	-1.86204	0.494843	0.799386	-1.25096	0.193556	0.641214	-1.55954	1.33317	2.2032	1.46898	1
cg20063520	GRIK2;GRIK2;GRIK2		0.347949	0.089778	0.329004	-3.04213	0.329035	0.464562	-2.15348	0.0743403	1.74086	0.998705	0.946081	-1.34977	0.253731	0.393024	2.54438	0.944662	0.962784	-1.03859	0.844651	0.672722	1.48703	0.0746506	0.613257	1.63007	0.0470099	0.815884	0.531316	1.88076	1.33316	12.9622	8.64261	1
cg19236456	CIC		0.347958	0.647907	0.835091	-1.19747	0.765154	0.716459	2.16469	0.19284	1.76132	1.76132	0.636999	1.205	1.205	0.239378	0.616982	1.62079	0.31531	1.66567	-1.50225	0.67269	0.846582	-1.18122	0.275508	1.55993	1.55993	0.096375	0.950303	1.0523	1.33313	2.24367	2.16277	1
cg25158081	SMAD1;SMAD1		0.347962	0.819433	1.08704	1.08704	0.942186	1.02683	1.02683	0.671957	1.16822	1.16822	0.584741	1.22316	1.22316	0.464787	0.762185	-1.31202	0.372724	0.716025	-1.3966	0.020877	0.3624353	-2.75898	0.389994	1.37925	1.37925	0.973678	0.988029	-1.01212	1.33313	2.81326	1.87579	1
cg12405833	TCF4;TCF4;TCF4		0.347962	0.074802	0.559102	-1.78836	0.618431	0.625418	1.59864	0.0684604	2.66503	2.66503	0.0116554	3.763705	-1.07609	0.0966483	0.929663	-1.07549	0.191217	2.01413	2.01413	0.218373	0.593395	-1.68502	0.0225193	0.4439112	2.25303	0.0237517	0.2253	0.4439112	2.25303	0.0237517	0.2253	1
cg18314885	TDP2A		0.347969	0.260825	1.55214	1.55214	0.144683	0.555836	-1.79909	0.576164	1.23649	1.23649	0.361081	1.42185	1.42185	0.575765	0.809017	-1.23607	0.768	0.895034	-1.11728	0.263946	1.54732	1.54732	0.991093	0.995824	-1.00419	0.0952782	0.503043	-1.9879	1.33311	0.760267	0.197839	1
cg00355992	ZNF214;WDR14;ZNF214		0.347977	0.388687	0.719777	-1.38918	0.0955993	0.211697	2.16163	0.0824929	1.90351	1.00051	0.999353	1.22093	1.22093	0.0551482	1.81391	1.81391	0.0294933	2.34331	2.34331	0.0196154	1.08381	1.08381	0.782482	0.960358	-1.04128	0.474833	1.00705	1.00705	1.33309	0.664622	0.480918	1
cg17930505	GAUNT2		0.347993	0.149379	2.30482	2.30482	0.374943	1.63537	1.63537	0.835885	0.894006	-1.11856	0.572282	1.36099	1.36099	0.353345	1.67499	1.67499	0.512449	1.43165	1.43165	0.0697486	2.99051	2.99051	0.0426428	3.52757	3.52757	0.343343	1.69429	1.69429	1.33304	4.15937	4.10714	1
cg19481052	PU21;PLP1;PLP1		0.347995	0.229093	0.414497	-2.41256	0.649319	0.208975	-4.78525	0.348048	0.509582	-1.96239	0.96134	0.966742	-1.0344	0.1100009	0.29655	-3.37211	0.348752	0.510114	-1.96035	0.52561	0.636214	-1.5718	0.405597	1.81074	1.81074	0.828947	1.16297	1.16297	1.33304	0.32798	0.685467	1
cg04580956	GMCL1		0.347995	0.81351	1.23772	1.23772	0.35239	0.970108	-1.03081	0.648525	1.05386	1.05386	0.810311	0.972886	-1.02757	0.244897	0.412095	2.42647	0.8602452	1.162187	0.8607182	1.23889	0.807182	1.23889	0.0892632	1.12045	1.12045	0.0131798	1.20437	1.20437	1.33304	0.275891	0.183968	1
cg13824956	PFDN6;WDR46;WDR46		0.347998	0.396187	0.883607	-1.13172	0.0339285	1.42281	1.42281	0.971659	1.00507	1.00507	0.502385	0.907602	-1.1018	0.649293	1.06737	1.06737	0.975185	1.00444	1.00444	0.279519	1.17364	1.17364	0.916283	0.985137	-1.01509	0.2570316	0.84495	-1.1835	1.33303	0.428215	0.285541	1
cg10449087	LEPROT1;LEPROT1		0.348008	0.253484	0.628602	-1.59101	0.4966	0.84512	-1.18332	0.508185	1.23845	1.23845	0.810886	1.12386	1.12386	0.539953	1.34154	1.34154	0.0477354	0.641327	1.5595	0.0153502	1.58702	1.58702	0.0426428	3.52757	3.52757	0.343343	1.69429	1.69429	1.33304	4.15937	4.10714	1
cg03442540	AIDAC1or758;AIDA		0.348014	0.348	0.845429	1.04223	0.290769	0.792701	-1.26151	0.0224173	0.560111	-1.78536	0.832554	1.04588	1.04588	0.344834	0.986362	-1.01383	0.807053	0.55022	1.05322	0.602352	1.11783	1.11783	0.939542	0.984055	-1.0162	0.292772	1.26021	1.26021	1.33303	0.947945	0.632108	1
cg06507590	OZZ2		0.348002	0.702534	1.10379	1.10379	0.328751	1.29618	1.29618	0.451857	1.21807	1.21807	0.30793	1.31207	1.31207	0.166003	1.46252	1.46252	0.499615	0.838311	-1.19288	0.0343058	1.88791	1.88791	0.161082	1.46995	1.46995	0.766597	1.07962	1.07962	1.33302	3.1935	0.932453	1
cg18073809	EID2B		0.348004	0.58578	1.13042	1.13042	0.482631	1.16451	1.16451	0.516447	0.96129	-1.04163	0.847347	1.12132	1.12132	0.454154	1.27485	1.27485	0.270094	1.18664	1.18664	0.0985483	1.72481	1.72481	0.0150017	2.13103	2.13103	0.0170687	1.08381	1.08381	1.33302	0.782482	0.960358	1
cg03456512	DLD;DLD		0.348023	0.962571	1.00617	1.00617	0.64479	1.31268	1.31268	0.231505	1.17867	1.17867	0.63677	1.06471	1.06471	0.784645	1.0209	1.0209	0.411112	1.11638	1.11638	0.270607	1.86049	1.86049	0.160243	1.42644	1.42644	0.89823	1.1133	1.1133	0.148732	1.22491	1.22491	1.33297	0.362237	0.241557	1
cg26594902	MIL4		0.348034	0.891734	1.04059	1.04059	0.133155	0.744224	-1.34707	0.303	0.586177	-1.70303	0.518817	1.10746	1.10746	0.115592	1.11763	1.11763	0.0255958	2.13811	2.13811	0.0170687	1.10542	1.10542	0.0450156	2.24506	2.24506	0.0469774	1.50658	1.50658	1.33317	2.98008	1.99962	1
cg16600889	SLC25A24		0.348038	0.301537	0.793875	-1.25964	0.744782	1.07298	1.07298	0.541089	0.875096	-1.14273	0.436383	0.842629	-1.18676	0.599557	0.892036	-1.12103	0.436772	0.842756	-1.18658	0.0748327	0.651881	-1.53402	0.231596	1.31072	1.31072	0.192715	1.34621	1.34621	1.33293	0.981725	0.654682	1
cg06188019	TPRG1L		0.348047	0.845345	0.951404	-1.05616	0.573422	0.901379	-1.10916	0.123755	0.736155	-1.35473	0.667889	0.934956	-1.06983	0.650088	0.98675	-1.01348	0.728023	0.938896	-1.06565	0.642913	0.738952	-1.3539	0.189852	1.18912	1.18912	0.552982	1.14542	1.14542	1.33293	1.19499	1.19499	1.33291	0.700374	0.466932	1
cg17081801	CLTC		0.348049	0.571341	0.827531	-1.20863	0.58099	0.840506	-1.19005	0.152042	0.576097	-1.65889	0.154252	0.75604	1.3282	1.1082	1.1082	0.178353	0.617973	-1.6182	0.0898874	1.04691	1.04691	0.753983	0.887636	-1.12639	0.896575	1.05308	1.05308	1.33291	1.28137	1.54174	1.33291	0.680027	0.457385	1
cg23439141	LAMP1		0.348062	0.289699	1.22666	1.22666	0.30899	1.2162	1.2162	0.639597	0.91606	-1.09163	0.99676	0.999245	-1.00076	0.532608	0.830438	-1.20418	0.914368	1.0202	1.0202	0.197424	0.776244	-1.28825	0.701284	1.07428	1.07428	0.0516555	0.662367	-1.50974	1.33287	0.729506	0.486508	1
cg26365232	S100A2		0.348068	0.704802	1.09176	1.09176	0.83445	0.842062	-1.2135	0.353194	1.10352	1.10352	0.470325	0.967075	-1.07213	0.634853	0.963769	-1.03758	0.974885	1.02595	1.02595	0.84158	1.06308	1.06308	0.0994772	1.85253	1.85253	0.0237055	0.318096	-3.14371	1.3328	1.38045	1.02036	1
cg03378319	LOC100129716;AR8DC3		0.348072	0.894284	1.03361	1.03361	0.875335	1.03909	-1.03909	0.91565	0.974001	-1.02669	0.572444	0.867777	-1.15237	0.076013	0.612055	-1.63384	0.652467	0.577934	-1.7303	0.416638	0.813498	-1.22926	0.48704	1.19194	1.19194	0.428513	1.22259	1.22259	1.33284	1.30504	0.87035	1
cg06434864	YPEL4		0.348077	0.093625	0.405911	-2.33148	0.0929556	0.948903	-1.05385	0.625366	1.25123	1.25123	0.514025	0.797798	-1.35538	0.550366	0.757565	-1.32002	0.616247	1.1525	1.26335	0.0465087	0.35076	-2.85095	0.15466	0.496404	-2.01449	0.550773	0.757785	-1.31963	1.33283	4.45687	2.97237	1
cg20941528	SAMD12		0.348092	0.233532	1.54201	1.54201	0.0257277	0.399126	-2.50548	0.0240871	0.666134	-1.50505	0.82454	1.08004	1.08004	0.362557	1.38332	1.38332	0.644821	1.17462	1.17462	0.218494	1.21894	1.21894	0.794772	1.19157	1.19157	0.40946	0.874865	0.946862	-1.05612	1.33279	2.53785	1.69259	1
cg12285326	APLP1;APLP1		0.348094	0.860791	0.923309	-1.08306	0.0420094	0.290127	2.90127	0.952768	1.00426	1.00426	0.35066	1.54754	1.54754	0.673579	0.824818	-1.21239	0.132263	0.477864	-2.09265	0.32534	1.58671	1.58671	0.617729	1.25699	1.25699	0.963946	1.02076	1.02076	1.33278	4.36172	2.90902	1
cg24289939	LOC728461		0.348101	0.125428	0.56514	-1.77001	0.375297	0.70108	-1.42648	0.211188	0.7613	-1.31358	0.897472	1.1657	1.1657	0.443998	1.22736	1.22736	0.0997472	1.6257	1.6257	0.0439998	1.22736	1.22736	0.0997472	1.6257	1.6257	0.0439998	1.22736	1.22736	1.33278	1.6257	1.6257	1.33278	0.0997472	1.22736	1
cg26150490	SPACA5;ZNF182;ZNF182		0.348103	0.171413	0.345963	-2.89048	0.805216	0.835182	-1.19734	0.940892	0.947379	-1.05554	0.049938	5.10283	5.10283	0.464417	1.72077	1.72077	0.161784	0.336539	-2.97142	0.806217	0.835975	-1.19621	0.876537	1.12	1.12	0.771227	1.2368	1.2368	1.33276	1.21159	0.748046	1
cg19465511	AIRD5		0.348105	0.331485	2.21366	2.21366	0.0210696	0.9651	8.9651	0.994957	1.00501	-1.00501	0.980326	1.01975	1.01975	0.576056	0.840419	-1.19008	0.659796	1.42095	1.42095	0.183401	1.58252	1.58252	0.0150017	2.13103	2.13103	0.0170687	1.08381	1.08381	1.33273	2.24786	1.62708	1
cg01295518	CHL1		0.348105	0.13471	1.35711	1.35712	0.542181	0.889737	-1.12393	0.253784	1.25315	1.25315	0.670767	1.08434	1.08434	0.591088	1.10816	1.10816	0.112679	1.38676	1.38676	0.250653	0.79851	-1.25233	0.325613	1.27247	1.27247	0.267881	1.24425	1.24425	1.33276	0.756809	0.504758	1
cg24288581	DSCAML1		0.348109	0.0717377	1.75944	1.75944	0.651103	1.13648	1.13648	0.348847	1.31131	1.31131	0.557614	1.18134	1.18134	0.659012	0.882679	-1.13291	0.206484	1.45417	1.45417	0.0392325	1.95504	1.95504	0.345084	1.31426	1.31426	0.74164	1.09743	1.09743	1.33275	1.66684	1.11171	1
cg25134567	PRKCA;MIR634		0.348109	0.274423	1.62965	1.62965	0.184401	0.842062	-1.2135	0.353194	1.10352	1.10352	0.470325	0.967075	-1.07213	0.634853	0.963769	-1.03758	0.974885	1.02595	1.02595	0.84158	1.06308	1.06308	0.0994772	1.85253	1.85253	0.0237055	0.318096	-3.14371	1.3328	1.38045	1.02036	1
cg27192012	C3orf21		0.348109	0.934917	0.959418	-1.0423	0.108947	1.42772	0.74297	0.709499	1.20903	1.20903	0.255761	0.547832	-1.82538	0.931942	0.957599	-1.04428	0.539254	0.729573	-1.37067	0.105757	0.640083	-1.56248	0.319293	1.45139	1.45139	0.0983	0.534308	0.53285	1.87677	1.33282	0.534308	0.53285	1
cg27260031	C10orf72;C10orf72		0.348113	0.021885	0.583153	-1.71488	0.46108	0.342154	-2.92069	0.0159355	2.78975	0.83712	0.187886	1.35439	1.35439	0.0424211	2.34131	2.34131	0.0196154	1.08381	1.08381	0.782482	0.960358	-1.04128	0.474833	1.00705	1.00705	0.101684	1.34732	1.34732	1.33273	0.584512	0.389711	1
cg27375561	ATXN7L1		0.348113	0.133648	1.42859	1.42859	0.395647	1.21143	1.21143	0.70799	0.920381	-1.0865	0.0725826	1.55533	1.55533	0.963347	1.01018	1.01018	0.856423	0.960855	-1.04074	0.231273	1.31897	1.31897	0.0735478	1.5525	1.5525	0.46475	1.17827	1.17827	1.33274	1.02609	0.684367	1
cg16700576	STARD8;STARD8;STARD8		0.348119	0.191787	0.346412	-2.88674	0.797819	0.821239	-1.21767	0.936948	1.06258	1.06258	0.128173	0.53515	0.53515	0.136722	2.13804	2.13804	0.224813	0.37601	-2.6595	0.202516	0.356211	-2.80733	0.380794	0.508597	-1.96619	0.35828	0.484452	-2.06419	1.33272	12.4233	8.28603	1
cg27445219	TMEM170A;TMEM170A		0.348122	0.818278	1.10489	1.10489	0.975802	1.24188	-1.24188	0.0138451	1.56614	1.56614	0.0977582	1.64507	1.64507	0.0449998	1.72236	1.72236	0.0150017	2.13103	2.13103	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(353 7 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(563 7 vs. N)	Fold-Change(5637 vs. N)	F(Treat)	SS(Test)	SS(Error)	F(Error
cg05364412	AP1D1;AP3D1	0.448449	0.404904	1.68472	1.68472	1.198822	1.29576	2.29576	0.270195	2.03922	2.03922	0.494881	1.52841	1.542841	0.406522	0.596749	1.675757	0.2047782	1.325028	-3.07666	0.895449	0.92268	-1.0838	0.201574	1.95389	1.95389	0.4464281	0.621646	-1.60863	1.33187	7.90229	5.27398	1
cg26357453	DHRS7B	0.448453	?	?	?	?	?	?	?	?	?	?	0.181974	0.458884	-2.1792	?	?	?	?	?	0.0997181	0.36642	-2.72911	0.568905	0.732744	-1.36473	0.723165	0.825602	-2.12124	1.36567	2.65018	2.91084	1
cg03619256	ATXN7L1;ATXN7L1	0.348455	0.794464	0.921078	-1.26598	0.196326	0.650374	-1.53758	0.474427	0.795279	-1.25742	0.600746	0.846817	-1.18089	0.130433	0.597901	-1.67252	0.534437	1.2191	1.2191	0.0755244	0.536337	-1.8645	0.229469	1.48746	1.48746	0.9380691	1.00076	1.00076	1.33185	2.09149	1.39587	1
cg27449791	CYP21A2;CYP21A2	0.348461	0.342533	0.799271	-1.25114	0.150056	0.702311	-1.42407	0.241261	1.7549	-1.33452	0.56444	1.34279	1.34279	0.377452	0.812621	-1.23059	0.120659	1.47057	1.47057	0.300364	1.27875	1.27875	0.723264	1.08487	1.08487	0.821077	1.05327	1.05327	1.33184	1.10725	0.738098	1
cg16177852	SLC12A7	0.348468	0.1553	0.622023	-1.60766	0.772559	0.913492	-1.0947	0.243693	1.46351	1.46351	0.263758	0.713421	-1.4017	0.497812	0.806634	-1.23972	0.936936	1.02501	1.02501	0.249754	1.45579	1.45579	0.741595	0.610501	-1.6138	0.13182	0.205612	1.3723	1
cg06013872	SLC44A4;SLC44A4;SLC44A4	0.348478	0.646553	0.884803	1.1302	0.308434	0.756392	-1.32207	0.143848	0.659501	-1.51563	0.842591	1.05412	1.05412	0.485747	1.20655	1.20655	0.615439	1.14369	1.14369	0.052299	1.79512	1.79512	0.458999	0.818838	1.22124	0.742859	1.09119	1.09119	1.3318	1.48213	0.989228	1
cg12039624	CCDC3	0.348485	0.974561	0.993891	-1.00615	0.166638	1.32765	1.32765	0.940344	0.985739	-1.01449	0.432261	1.16653	1.16653	0.535719	0.886451	-1.12809	0.237926	1.26819	1.26819	0.0303416	1.6311	1.6311	0.390722	1.18415	1.18415	0.325872	1.21526	1.21526	1.33178	0.779069	0.519986	1
cg16378999	IFT74;IFT74;IFT74;IFT74	0.348488	0.2099705	0.857605	-1.16606	0.614414	1.16153	1.06253	0.802562	0.794562	-1.25855	0.967957	1.00485	1.00485	0.908426	0.886318	-1.01408	0.97799	0.996712	-1.0033	0.0739411	1.28845	1.28845	0.803893	0.970732	-1.00255	0.425324	0.907414	-1.10203	1.33177	0.3309571	0.309683	1
cg15138850	WDR33	0.348495	1.19656	0.597662	-1.67375	0.940219	0.694567	-1.43975	0.671201	0.851233	-1.17477	0.959627	1.01928	1.01928	0.127438	1.373198	1.373198	0.23309	0.623981	-1.60261	0.120854	0.530177	-1.88616	0.687266	0.858425	-1.16492	0.302168	0.701267	-1.42599	1.33175	3.00119	2.00317	1
cg05303999	KCNB1	0.348503	0.447357	1.14924	1.14924	1.008546	1.36947	1.36947	0.521011	1.12395	1.12395	0.261323	1.23418	1.23418	0.350784	1.18827	1.18827	0.215572	1.2638	1.2638	0.109088	1.36869	1.36869	0.373971	0.848808	-1.17812	0.123663	1.34921	1.34921	1.33173	0.6804861	0.454203	1
cg02387744	DENND3	0.348506	0.1009347	1.07597	-1.07597	0.139155	0.1009347	1.08758	0.0672	0.991245	1.08975	1.08975	0.0847328	1.10063	0.0679972	1.15522	1.15522	0.253993	0.826078	-1.21033	0.146414	1.1016	1.1016	0.783324	0.970662	1.03116	0.0530109	0.353833	1.16027	1.16027	1.33172	0.5310109	0.353833	1
cg02522029	PACSIN2	0.348507	0.615689	0.670764	-1.49084	0.416283	0.38079	0.38079	0.203443	2.88403	2.88403	0.706337	0.741813	-1.34805	0.492529	0.576977	-1.73317	0.855104	1.15515	1.15515	0.262685	0.400949	-2.49408	0.97776	0.978246	-1.02224	0.462151	0.553996	-1.80507	1.33172	13.1305	8.76429	1
cg23195715	PSPH;CCT6A;CCT6A;CCT6A;CCT6A	0.348514	0.245099	1.44518	1.43418	0.229644	0.688115	-1.45324	0.443568	0.793223	-1.26068	0.126386	1.62293	1.62293	0.325013	1.35174	1.35174	0.699227	0.891247	-1.12202	?	?	?	?	0.264555	0.708107	-1.41222	0.848386	0.94249	-1.06102	1.32007	1.54548	1.23987	1
cg25188332	LMBR1L	0.348524	0.0952839	0.758808	-1.31786	0.479472	0.897394	-1.11434	0.296232	1.17716	1.17716	0.0394581	0.698562	1.443151	0.758105	1.04762	1.04762	0.720233	0.947282	-1.05565	0.513959	0.905131	-1.10481	0.619636	0.927415	-1.07827	0.820391	0.966333	-1.03484	1.33168	0.4783042	0.319266	1
cg12458039	FAM20C	0.348527	0.80654	0.86242	-1.15953	0.377537	1.72672	1.72672	0.0730148	0.299318	-1.34092	0.21726	0.453101	2.207031	0.436634	1.33274	1.33274	0.663504	1.30224	1.30224	0.185901	2.33052	2.33052	0.353341	1.77458	1.77458	0.624085	0.742328	-1.34711	1.33167	7.67519	5.12319	1
cg08203127	ARHGDIG;PDIA2	0.348532	0.19086	1.4966	-1.81929	0.505419	1.33908	1.33908	0.0648	0.8943	1.11809	0.857598	0.915142	1.09273	0.379333	1.07775	1.07775	-1.47651	0.408941	0.694257	-1.44039	0.0335305	0.943776	-1.06022	0.926418	0.738897	0.865426	-1.1555	1.33166	3.93733	2.62819	1
cg11855693	ELK3	0.348543	0.549956	1.48301	1.48301	0.0517113	2.43139	2.43139	0.0411606	4.64064	4.64064	0.737606	1.24491	1.24491	0.769479	1.21101	1.21101	0.388395	1.77878	1.77878	0.767298	0.824212	-1.21328	0.222395	2.3058	2.3058	0.481737	1.59339	1.59339	1.33163	8.95171	5.97544	1
cg18154676	NOL4	0.348548	0.384822	1.73642	-1.13765	0.209326	2.352	2.352	0.661848	0.85396	-1.17102	0.946561	1.02452	1.02452	0.266229	0.697972	-1.51522	0.822864	1.08375	1.08375	0.903685	1.04438	1.04438	0.995823	0.825281	-1.21171	0.199981	1.62527	1.62527	1.33162	2.71586	1.81556	1
cg02606076	SHC2	0.348551	0.254483	0.804027	-1.24314	0.529193	1.12426	1.12426	0.13772	0.766495	-1.30464	0.194254	0.776988	-1.28702	0.166533	0.7626	-1.3113	0.831428	1.03994	1.03994	0.147199	1.33082	1.33082	0.720016	0.936007	-1.06837	0.7479	1.0612	1.0612	1.33161	0.711978	0.475267	1
cg01198140	PI15;ST1;GPC1	0.348554	0.598714	0.844886	-1.18359	0.471442	1.26176	1.26176	0.753995	1.10493	1.10493	0.93946	1.0244	1.0244	0.0250092	0.428955	-2.33125	0.767829	1.09852	1.09852	0.168153	0.627395	-1.59389	0.687648	1.13688	1.13688	0.563078	0.830227	-1.20449	1.3316	2.12467	1.41829	1
cg08431725	CLPTM1L	0.348557	0.132718	0.937237	-1.06672	0.369967	0.765682	-1.3633	0.474277	0.614166	-1.62838	0.716564	0.781252	-1.27979	0.0908933	0.555103	-1.44483	0.946148	1.0463	1.0463	0.134188	0.725281	-1.37879	0.622732	0.776502	-1.28802	0.95046	1.03158	0.968209	0.932036	1.71978	0.947267	1
cg24198059	HIST1H3I	0.348564	0.0902964	0.6328	-1.58158	0.437364	0.823188	-1.21479	0.611304	0.881725	-1.13414	0.221633	0.729426	-1.30794	0.148592	0.683514	-1.46303	0.416665	1.22613	1.22613	0.113981	0.655546	-1.52545	0.183844	0.707325	-1.41378	0.906901	0.971677	-1.02915	1.31157	1.27199	0.849115	1
cg09653879	HNRNPA1;HNRPA1L-2;HNRNPA1;CBX5	0.348575	0.125301	0.502348	-1.99065	0.385079	0.691062	-1.44705	0.181603	1.80116	1.80116	0.0776442	0.443164	-2.2565	0.977948	0.988596	-1.01154	0.916424	0.957377	-1.04452	0.960199	1.02092	1.02092	0.230164	0.593089	-1.68609	0.426455	0.713934	-1.40069	1.33155	3.63132	2.42413	1
cg16475951	SEPHS1	0.348579	0.38425	1.17604	1.17604	0.269615	1.09234	1.09234	0.350013	1.59316	1.59316	0.856694	1.0334	1.0334	0.565	1.11152	1.11152	0.838819	0.963659	-1.03771	0.0408599	0.651144	-1.53576	0.784587	1.10468	1.10468	0.193291	0.778635	-1.2843	1.33153	0.696675	0.465077	1
cg17242590	LMBR1	0.348581	0.8354864	1.14956	1.14956	0.0418605	1.12587	1.12587	0.332642	1.15675	1.15675	0.677152	1.0281	1.0281	0.480304	0.804522	-1.24301	0.819624	1.01448	1.01448	0.0973176	0.742004	1.10805	1.10805	0.176914	1.17614	1.17614	0.976715	0.988221	-1.01192	1.31153	3.47537	2.32005	1
cg12604331	ARHGEF11;MIR765;ARHGEF11	0.348586	0.2678895	0.424373	-2.35642	0.384804	1.93825	1.93825	0.713847	1.3146	1.3146	0.489912	0.593983	-1.68355	0.0120188	0.154774	-6.46103	0.623149	0.691329	-1.44649	0.186612	0.333527	-2.82864	0.852824	1.14789	1.14789	0.470103	0.579402	-1.72592	1.31152	11.6325	7.76556	1
cg15034763	TMEM59;C1orf83;TMEM59	0.348588	0.122558	1.88579	1.88579	0.208064	2.94006	2.94006	0.125485	0.518662	-1.93359	0.409727	0.615466	-1.62494	0.0991324	0.547417	-1.82703	0.672013	0.468099	-1.2136	0.134558	0.974913	1.13858	1.13858	0.134558	0.974913	1.13858	0.134558	0.974913	1.13858	1.31153	3.92888	2.62335	1
cg14331002	LDLR	0.348592	0.393325	1.30748	1.30748	0.508061	0.813931	-1.22861	0.144611	0.618337	-1.61724	0.724843	0.897305	-1.11455	0.9235	0.847767	1.17957	0.524033	1.68698	1.68698	0.0170111	0.29706	-3.36777	0.277275	-1.47651	0.408491	0.676075	0.963653	1.04533	1.3315	1.98254	1.32351	1
cg07070341	PRDM5	0.348592	0.0750052	1.28233	1.28233	0.567132	0.929057	-1.07636	0.0885114	0.790031	-1.26577	0.197795	1.18617	1.18617	0.757426	1.03962	1.03962	0.529311	1.08321	1.08321	0.8463	1.02464	1.02464	0.858939	0.977935	-1.02256	0.666455	1.05589	1.05589	1.3315	0.3317518	0.221449	1
cg05381729	SLCO4A1	0.348593	0.0601994	0.784872	-1.2737	0.267997	1.21337	1.21337	0.150281	1.07137	-1.06137	0.550281	1.27332	1.27332	0.0680507	1.471993	1.471993	0.382148	0.727266	-1.37506	0.477386	0.771933	-1.29545	0.492442	0.780589	-1.28108	0.305432	0.685877	-1.45799	1.3315	2.66227	1.77729	1
cg08233467	RGL1;ARPC5;RGL1	0.348596	0.191865	1.3628	1.3628	0.567578	0.878578	-1.1182	0.796273	0.943682	-1.05968	0.157762	0.712902	-1.40272	0.234557	1.33186	1.33186	0.796601	0.943772	-1.05958	0.12383	0.688381	-1.45268	0.901237	0.972567	-1.02821	0.236759	0.757497	-1.32014	1.33149	1.05857	0.706692	1
cg26766900	PHF17;PHF17	0.348601	0.28663	1.33829	1.33829	0.0955148	0.884001	0.11675	0.0167152	0.672572	-1.4281	0.651201	1.14798	1.14798	0.480034	0.804581	-1.24301	0.764534	1.30929	1.30929	0.0154555	0.479004	1.4626	1.4626	0.809394	1.07601	1.07601	0.671724	0.878835	-1.13797	1.33147	1.74715	1.14479	1
cg10533976	CNTNAP1	0.348611	0.4376	0.382282	-2.61587	0.146723	0.62923	0.62923	0.346115	3.24877	3.24877	0.688737	0.613244	-1.63067	0.0456234	0.0618327	-16.1727	0.54089	0.471549	-2.12067	0.591489	0.517931	-1.93076	0.622017	0.546915	-1.82844	0.543335	0.473746	-2.11084	1.33145	31.0986	20.7617	1
cg04396641	SDHB	0.348613	0.501182	1.6922	1.6922	0.0794057	0.223066	-1.48298	0.689492	0.73389	-1.3626	0.691056	1.36041	1.36041	0.777948	0.804263	-1.24317	0.761557	1.26426	1.26426	0.872564	0.883658	-1.13166	0.991263	4.19153	4.19153	0.173559	0.05149	3.05149	1.33145	12.5188	8.3577	1
cg00964823	RBM20	0.348618	0.5007421	1.5118	1.5118	0.0976724	1.18969	1.18969	0.510399	1.26463	1.26463	0.516193	1.22643	1.22643	0.0994751	1.240601	1.240601	0.334802	1.14541	1.14541	0.0459525	0.53025	1.92025	1.92025	0.183012	1.49618	1.49618	0.983212	0.994008	1.00602	1.33144	1.71475	1.14479	1
cg16263825	ZBTB20	0.34862	0.656866	0.87488	-1.14301	0.802539	1.07778	1.07778	0.698222	0.890048	-1.12354	0.46706	1.24763	1.24763	0.0646852	0.537753	-1.85959	0.0365387	0.483622	-2.06773	0.877257	0.954845	-1.04729	0.465895	0.801039	-1.24838	0.709068	0.894001	-1.11857	1.33143	1.88469	1.25826	1
cg17385549	PTPN9;PTPN9;PTPN9;PTPN9	0.348624	0.941555	0.984369	-1.01579	0.210464	0.78756	-1.26972	0.0844555	0.385776	-2.59401	0.0138788	0.101758	-9.82703	0.0167284	1.31209	1.31209	0.0703511	0.467237	-2.1301	0.0170001	0.28203	2.89203	2.89203	0.0731281	1.3842	1.3842	0.0211881	0.184342	2.84944	1.33142	2.88984	1.88834	1
cg12280664	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.348637	0.6802	0.606961	-1.64755	0.788874	0.40915	0.40915	0.0421902	16.7683	16.7683	0.704571	1.5823	1.5823	0.5792	1.509258	1.96364	0.685018	0.61186	-1.63436	0.893186	0.850581	-1.17567	0.329053	0.36515	3.36515	0.663177	1.69538	1.69538	1.33139	10.5994	20.4294	1
cg14136374	PLEKHM1;PLEKHM1;PLEKHM1	0.348642	0.0964604	0.358062	-2.79281	0.312983	0.555825	-1.79913	0.924814	0.948268	-1.05455	0.484609	0.670534	-1.49135	0.0740147	0.326125	-3.06631	0.18958	0.457511	-2.18574	0.118467	0.385274	-2.59555	0.213735	0.478669	-2.08913	0.177907	0.446802	-2.23813	1.33137	6.67757	4.45827	1
cg18574476	FAM101A	0.348643	0.0592155	0.799382	-1.25108	0.454567	0.210464	-1.23444	0.118796	0.73556	-1.3286	0.266061	0.168738	1.65788	0.0127777	1.31209	1.31209	0.0703511	0.467237	-2.1301	0.0170001	0.28203	2.89203	2.89203	0.0731281	1.3842	1.3842	0.0211881	0.184342	2.84944	1.33136	2.88984	1.88834	1
cg22280664	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.348637	0.6802	0.606961	-1.64755	0.788874	0.40915	0.40915	0.0421902	16.7683	16.7683	0.704571	1.5823	1.5823	0.5792	1.509258	1.96364	0.685018	0.61186	-1.63436	0.893186	0.850581	-1.17567	0.329053	0.36515	3.36515	0.663177	1.69538	1.69538	1.33139	10.5994	20.4294	1
cg14136374	PLEKHM1;PLEKHM1;PLEKHM1	0.348642	0.0964604	0.358062	-2.79281	0.312983	0.555825	-1.79913	0.924814	0.948268	-1.05455	0.484609	0.670534	-1.49135	0.0740147	0.326125	-3.06631	0.18958	0.457511	-2.18574	0.118467	0.385274	-2.59555	0.213735	0.478669	-2.08913	0.177907	0.446802	-2.23813	1.33137	6.67757	4.45827	1
cg18574476	FAM101A	0.348643	0.0592155	0.799382	-1.25108	0.454567	0.210464	-1.23444	0.118796	0.73556	-1.3286	0.266061	0.168738	1.65788	0.0127777	1.31209	1.31209	0.0703511	0.467237	-2.1301	0.0170001	0.28203	2.89203	2.89203	0.0731281	1.3842	1.3842	0.0211881	0.184342	2.84944	1.33136	2.88984	1.88834	1
cg24892243	TMPRSS9	0.348643	0.924215	0.983463	-1.01682	0.362046	0.177202	1.77922	0.958202	0.990856	-1.00923	0.633981	0.919371	-1.0877	0.62442	1.09031	1.09031	0.663107	0.44199	-2.26266	0.0627027	0.4435	0.4435	0.354397	0.846213	-1.18174	0.982542	0.996172	-1.00384	1.33137	0.647702	0.432438	1
cg18495288	FADS3	0.348647	0.364624	1.10494	1.10494	0.2435	0.0977	0.0977	0.0166156	0.34492	-2.89882	0.0134492	0.437208	2.2873	0.0134492	0.437208	2.2873	0.1194	0.164719	-6.07225	0.0134492	0.437208	2.2873	2.2873	0.0134492	0.437208	2.2873	0.0134492	0.437208	2.2873	1.31137	1.71747	1.14479	1
cg08961668	TBC1D14;TBC1D14	0.348653	0.164698	0.529793	-1.88753	0.0471984	0.37787	-2.64641	0.228868	0.58206	-1.71804	0.168788	0.533457	-1.87457	0.106344	0.469657	-2.12921	0.18958	0.457511	-2.18574	0.118467	0.385274	-2.59555	0.213735	0.478669	-2.08913	0.177907	0.446802	-2.23813	1.33137	6.67757	4.45827	1
cg07271302	MARCKS	0.348653	0.40737	1.42152	1.11282	0.363635	1.1917	1.1917	0.165882	1.03758	-1.39755	0.818519	1.03175	1.03175	0.0408363	0.990324	0.990324	0.0899033	1.29219	1.29219	0.0242468	0.774203	1.13139	1.13139	0.0242468	0.774203	1.13139	0.0242468	0.774203	1.13139	1.31137	1.12854	0.35134	0.267155	1
cg01251444	PLRJ8;PMS2L1;PILRB	0.348659	0.397247	1.27192	1.27192	0.49429	1.26021	1.26021	0.249064	1.39695	1.39695	0.34798	1.03751	1.03751	0.233572	0.709398	1.26882	0.0833958	0.587394	1.70244	0.092054	0.716559	1.11619	1.11619	0.709206	1.11333	1.11333	1.6233	1.62342	1.08391	1
cg20692197	SAC3D1;SAC3D1	0.348663	0.144422	2.02005	2.02005	0.674531	0.827441	-1.20854	0.306224	0.621825	-1.60817	0.0379679	2.94194	2.94194	0.575337	1.28896	1.28896	0.656	0.817857	-1.22271	0.647297	0.813349	-1.22948	0.844195	1.09226	1.09226	0.609647	1.25979	1.25979	1.33132	4.24095	2.83158	1
cg12122241	SIRPA;SIRPA;SIRPA;SIRPA	0.348667	0.750937	1.26871	1.26871	0.457115	0.44969	0.44969	0.0954	0.8551	-1.16907	0.576596	1.47109	1.47109	0.448634	1.17595	1.17595	0.459747	1.68027	1.68027	0.0857959	0.716911	1.83611	1.83611	0.448634	1.17595	1.17595	0.459747	1.68027	1.68027	1.31133	1.70359	0.8003851	0.839697	-1.19011	1.33132	1.02029	0.69209	1
cg26617637	WISP1;WISP1;WISP1;WISP1	0.348671	0.383784	0.625445	-1.59886	0.963959	0.976535	-1.02403	0.912027	0.943579	-1.0598	0.487555	0.68921	-1.45094	0.0374336	0.281117	3.55724	0.415927	0.646017	-1.54795	0.0766886	0.355353	2.8141	2.8141	0.123987	0.416704	-2.39978	0.745429	0.84266	-1.18672	1.3313	5.82229	3.88746	1
cg00941963	TBC1D16	0.348672	0.127351	0.567128	-1.83293	0.254164	0.648329	-1.54149	0.220968	0.62649	-1.5962	0.719537	0.877377	-1.14002	0.241269	0.641627	-1.55954	0.203102	0.416736	-2.62356	0.0485057	0.440808	-2.26856	0.919877	0.541591	-1.84541	0.184268	0.723009	-1.38295	1.3313	2.79496	1.86548	1
cg08229907	UBE2G1	0.348674	0.0829783	0.447665	-2.23381	0.356426	0.672247	-1.48755	0.621588	0.698066	-1.43253	0.606874	0.804687	-1.24256	0.307821	0.952665	-1.0497	0.390149	1.4388	1.4388	0.0193175	1.04341	1.04341	0.807835	0.903009	-1.10741	0.0388789	0.367438	-2.72215	1.33129	1.69603	1.24578	1
cg04548764	TPPP	0.348684	0.378575	1.30695	1.30695	0.113775	1.65507	1.65507	0.232905	1.44869	1.44869	0.170431	1.54127	1.54127	0.897942	0.962689	-1.03876	0.586867	1.17655	1.17655	0.0303679	2.12592	2.12592	0.777755	1.08747	1.08747	0.403581	1.28824	1.28824	1.33126	1.85139	1.23618	1
cg11780127	RNF44	0.348687	0.670499	1.15004	1.15004	0.50982	1.81287	1.81287	0.351981	1.31991	1.31991	0.275204	1.91294	1.91294	0.0220844	0.522313	-1.91469	0.328807	1.31098	1.31098	0.427325	0.760706	1.30369	1.30369	0.60425	0.842659	-1.18703	0.938421	1.08109	1.33125	0.8026515	0.50912	1
cg09302671	FAM49A	0.348694	0.142827	1.84307	1.84307	0.664393	1.18467	1.18467	0.645948	1.19671	1.19671	0.0757441	2.15411	2.15411	0.587622	0.80851	-1.23684	0.74874	1.13287	1.13287	0.59346	1.23267	1.23267	0.118317	0.517727	-1.93152	0.687958	0.854927	-1.16969	1.33124	3.17764	2.12176	1
cg12081946	LLTI2	0.348703	0.983005	0.982013	-1.01832	0.0625153	5.98601	5.98601	0.0451822	6.76831	6.76831	0.583772	0.624073	-1.60238	0.733469	0.747459	-1.33779	0.609158	1.55191	1.55191	0.363648	2.21565	2.21565	0.213165	0.4401	2.4401	0.971073	1.03138	1.03138	1.33124	15.3101	10.2228	1
cg06702503	RPL10L	0.3487	0.594041	0.915649	-1.09212	0.402629	1.15062	1.15062	0.932767	0.982674	-1.01392	0.555598	0.700948	-1.42664	0.153399	0.755462	-1.32369	0.442987	0.879741	-1.1367	0.243016	1.22155	1.22155	0.865897	0.972694	-1.02807	0.87062	0.973653	1.02706	1.33122	0.5657226	0.377748	1
cg23932798	NPY5R	0.348704	0.197713	0.316393	-3.16062	0.674231	0.699544	-1.4295	0.371669	0.460585	-2.17115	0.430124	1.97522	1.97522	0.185965	0.305673	-3.27147	0.554491	1.65749	1.65749	0.454582	0.525296	-1.90369	0.957126	0.955577	-1.04649	0.0401076	0.134688	-7.42458	1.33121	15.0613	10.0568	1
cg18436919	PPIL2;PPIL2;PPIL2	0.348713	0.519358	1.14405	-1.34127	0.0571149	0.496369	0.496369	0.0954	0.8551	-1.16907	0.576596	1.47109	1.47109	0.448634	1.17595	1.17595	0.459747	1.68027	1.68027	0.0857959	0.716911	1.83611	1.83611	0.448634	1.17595	1.17595	0.459747	1.68027	1.68027	1.31133	1.70359	0.8003851	0.839697	-1.19011	1.33132	1.02029	0.69209	1
cg08721076	DLX2	0.348713	0.094741	0.289193	-3.4579	0.394599	1.80233	1.80233	0.442845	1.69658	1.69658	0.225796	0.423435	-2.36164	0.989558	1.00854	1.00854	0.324803	0.503111	-1.98763	0.806187	0.846985	-1.18066	0.382617	1.83108	1.83108	0.194774	2.52592	2.52592	1.33119	9.62297	6.42564	1
cg24016044	CFH84;CFH84	0.348715	0.22544	1.40299	1.40299	0.0977	0.0977	0.0977	0.0166156	0.34492	-2.89882	0.0134492	0.437208	2.2873	0.0134492	0.437208	2.2873	0.1194	0.164719	-6.07225	0.0134492	0.437208	2.2873	2.2873	0.0134492	0.437208	2.2873	0.0134492	0.437208	2.2873	1.31137	1.71747	1.14479	1
cg05183646	SGK1;SGK1;SGK1;S

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1317 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error
cg02525756	RAB42		0.345928	1.74787	-1.33481	2.240551	0.746466	-1.33965	0.425419	1.21373	1.21373	0.510871	1.27199	1.17199	0.881047	1.03628	1.03628		0.164039	1.42388	1.42388	0.487385	0.845428	-1.18283	0.0919934	0.642349	-1.55644	0.883578	1.03549	-1.03549	1.33038	1.19327	0.79728	
cg22863744	NCOR2;NCOR2		0.349028	0.50538	0.741556	-1.34852	0.0755336	0.416741	-2.39957	0.167868	0.521895	-1.91609	0.918208	1.0466	1.0466	0.301481	0.622974	-1.6052		0.109447	0.462026	-2.16438	0.563752	0.772436	-1.29461	0.804126	1.11621	1.11621	0.315231	1.58319	1.58319	1.30038	4.12424	2.7556	1
cg26604191	TNRC18		0.349031	0.72345	0.93304	-1.07176	0.934137	1.0162	1.0162	0.471426	1.15362	1.15362	0.777852	1.05672	1.05672	0.727635	0.934069	-1.07058		0.112373	1.40099	1.40099	0.0218356	1.73057	1.71057	0.533384	1.13095	1.13095	0.965752	1.00841	1.00841	1.33037	0.801785	0.535713	1
cg18236321	HCCA2		0.349045	0.149945	0.241359	-4.1432	0.289003	-2.76563	0.108772	0.199709	-5.0073	0.934032	1.08181	1.09181	0.0597318	0.141356	-7.07694		0.341913	0.405834	-2.46405	0.249193	0.328825	-3.03191	0.148377	0.239864	-4.1693	0.306412	0.377116	-2.6517	1.33036	1.87805	1.11403	1
cg15923513	CD302		0.349036	0.281925	0.551793	-1.81227	0.140524	0.430403	-2.3234	0.468236	0.675413	-1.48058	0.0737	0.3464 11	-2.88675	0.145399	0.435475	-2.29634		0.258868	0.534542	-1.87076	0.0669306	0.3535123	-2.98042	0.338942	0.592083	-1.68895	0.273187	0.545327	-1.83376	1.33036	0.95721	3.98035	1
cg08585489	MAGI;MAG		0.349049	0.546029	0.728279	-1.3731	0.0566363	0.32553	-3.07191	0.0552191	0.322876	-3.09717	0.787413	0.868842	-1.15096	0.340979	0.602555	-1.66596		0.473797	0.68459	-1.46073	0.348238	0.605121	-1.65256	0.170468	0.468002	-2.13674	0.679381	1.24132	1.24132	1.33033	5.70036	3.80882	1
cg10265570	RTBDN		0.34906	0.248275	0.08578	0.08578	0.972573	1.02116	1.02116	0.0232274	5.17765	5.17765	0.516041	1.49347	1.49347	0.390101	1.70986	1.70986		0.392159	1.70569	1.70569	0.123607	2.76169	2.76169	0.686177	1.28071	1.28071	0.747554	0.821436	-1.21738	1.3303	7.81645	5.22285	1
cg24090346	DYNLT3		0.34907	0.139477	0.540725	-1.85093	0.0307525	0.174488	-2.67045	0.474599	0.795379	-1.32384	0.869196	0.992356	-1.00783	0.802701	0.907627	-1.10177		0.179504	0.57518	-1.73857	0.162008	0.340981	-2.93145	0.474002	0.756328	-1.32218	0.858669	0.993321	-1.07144	1.3027	3.15786	2.11008	1
cg20154222	ZFPM2		0.34907	0.343467	1.20903	1.20903	0.941494	0.985825	-1.01438	0.567713	1.15889	1.15889	0.621225	1.10173	1.10173	0.357292	1.20219		0.465696	0.86554	-1.15535	0.0258876	1.67433	1.67433	0.22703	1.28115	1.28115	0.247005	1.26504	1.26504	1.33027	0.797078	0.532609	1
cg12432010	IQSEC3		0.34907	0.894889	0.963736	-1.03763	0.3760323	1.289	1.289	0.394233	1.27615	1.27615	0.881697	1.04249	1.04249	0.654579	1.1341	1.1341		0.311322	0.746245	-1.34004	0.728506	0.907216	-1.10227	0.0219999	2.15475	2.15475	0.452586	1.23841	1.23841	1.33026	1.64512	1.00928	1
cg25673737	PPP3CA;PPP3CA;PPP3CA		0.34909	0.464481	1.72454	1.72454	0.0156631	1.07717	1.07717	0.0127762	2.39745	2.39745	0.298684	2.00009	2.00009	0.0021681	2.08046	2.08046	0.0874463		0.341739	0.488177	-2.04844	0.514649	1.62203	-1.62203	0.0497599	5.24743	5.24743	0.485305	1.6804	1.6804	1.33025	11.2885	7.54313	1
cg14045814	CDC25B;CTDSP1;MIR26B		0.34908	0.271323	1.4116	1.4116	0.291322	1.39043	1.39043	0.229001	1.4623	1.4623	0.103544	1.70903	1.70903	0.104651	1.73629	-1.36681		0.578874	1.84702	-1.18385	0.936051	0.976134	-1.02465	0.164261	1.42612	1.42612	0.120634	1.70553	1.70553	0.694602	1.26121	1.12612	1.33024	1.90909	1.27568	1
cg05308792	IFT140		0.34909	0.549567	1.83828	1.83828	0.934355	1.04424	1.04424	0.948072	1.305763	1.27205	0.594683	1.0426	1.0426	0.0442304	1.34643	1.34643	0.393917	1.7705	1.7705	0.344427	0.599474	-1.66813	0.30224	0.515154	1.94357	1.94357	1.33023	1.92004	1.32022	0.240476	0.160092	1
cg14704714	CYP4F8		0.34909	0.820097	0.975957	-1.02404	0.919924	1.0108	1.0108	0.64991	1.05003	1.05003	0.880757	0.984091	-1.01617	0.181838	0.843496	-1.16347		0.980106	1.00267	1.00267	0.975336	1.03311	-1.03311	0.918864	1.01095	1.01095	0.0194669	1.33223	1.33223	1.33022	0.240476	0.160092	1
cg18135206	TECPR2		0.34909	0.532666	1.36401	1.36401	0.425102	1.49198	1.49198	0.0369686	3.28718	3.28718	0.0740333	2.65906	2.65906	0.0904705	0.994153	-1.00588		0.823276	0.895946	-1.11614	0.235706	1.8412	1.8412	0.825258	1.11474	1.11474	0.736345	0.84705	-1.18057	1.3302	5.08332	3.39686	1
cg00323403	FLJ45340		0.34911	0.445922	1.88462	-1.13038	0.53347	1.10739	1.10739	0.60619	1.09353	1.09353	0.0992859	1.59283	1.59283	0.0178376	1.63572		0.609512	1.08465	-1.18465	0.0858052	1.34886	1.34886	0.521669	1.10787	1.10787	0.222206	1.81681	1.81681	1.22427	1.33019	0.534215	0.350235	1
cg07622833	C11orf41		0.34911	0.139729	0.203788	-4.90707	0.758883	0.734783	-1.36095	0.261288	3.2306	3.2306	0.607028	0.594938	-1.68085	0.235794	0.288333	-3.46821		0.58231	0.573478	-1.74375	0.0567233	0.11546	-8.66099	0.829886	1.24032	1.24032	0.251954	0.301812	-3.31332	1.30017	2.11083	14.1057	1
cg18302466	WNK2		0.34911	0.969849	1.01524	1.01524	0.75128	1.13567	0.783571	0.895686	-1.11646	0.884574	0.383075	-2.61045	0.208109	0.587999	-1.70068		0.551838	1.27234	1.27234	0.72162	1.78742	1.78742	0.809606	0.907938	-1.1014	0.665424	0.840227	-1.19015	1.30017	3.37271	2.25383	1
cg02314514	KIAA0556		0.34914	0.112758	0.0975303	-1.48566	0.157283	0.572843	-1.74568	0.830104	0.954083	-1.04854	0.0183274	0.708836	1.41013	0.0696557	0.470981	-2.09561		0.491754	1.2902	1.2902	0.0406524	0.740456	-1.35052	0.617566	1.20175	1.20175	0.31616	2.80479	1.87432				
cg11122009	AXIN2		0.34914	0.980106	0.983863	-1.0164	0.3228444	0.51361	-1.947	0.453078	1.64659	1.64659	0.969421	1.02533	1.02533	0.441601	1.66857	1.66857		0.149894	0.365237	-2.73795	0.0849863	3.46499	3.46499	0.183637	2.51032	2.51032	0.562536	1.46522	1.46522	1.30016	8.96833	5.99316	1
cg00180405	NDUFA13;TSSK6		0.34916	0.532754	1.14987	1.14987	0.0137	1.24838	1.25838	0.0330154	0.581977	-1.71828	0.788069	1.06177	1.06177	0.499728	1.18194	1.18194	0.0855772		0.532791	1.14541	1.14541	0.470666	0.857391	1.16613	0.0180935	0.894677	-1.11772	0.683899	0.916259	-1.09135	1.30013	0.947905	0.633459	1
cg15729230	FASLG		0.34918	0.349128	0.28312	1.40893	0.140725	0.218547	2.18147	0.104245	1.72461	1.72461	0.927295	1.0284	1.0284	0.188566	1.53339	1.53339		0.998675	0.999491	-1.00051	0.342029	1.35042	1.35042	0.87118	1.05106	1.05106	0.933544	1.02592	1.02592	1.30012	1.9836	1.32559	1
cg08542396	PDE4DIP		0.34918	0.542326	1.06857	1.06857	0.0136509	1.04648	1.04648	0.0402482	0.305765	-3.2705	0.594683	0.746261	-1.33943	0.393942	0.631339	-1.58381		0.575007	0.74255	-1.3467	0.120298	0.412538	-2.42402	0.394517	1.7705	1.7705	0.344427	0.599474	-1.66813	1.30024	5.81654	3.8867	1
cg08292104	ACTN1;ACTN1;ACTN1		0.34932	0.401802	0.633097	-1.57954	0.103994	0.387912	-2.5779	0.684805	0.80466	-1.24276	0.158199	2.23376	2.23376	0.10217	0.385608	2.59331		0.960512	0.973969	-1.02673	0.754191	0.845918	-1.18215	0.578631	1.34834	1.34834	0.3016	0.56544	-1.76853	1.30011	1.97847	3.9953	1
cg06033407	ARL6IP1		0.34934	0.307199	1.13202	1.13202	0.279451	0.876422	1.141	0.647753	1.05545	1.05545	0.632616	1.05813	1.05813	0.18487	1.11017	1.11017		0.391668	0.902167	-1.10844	0.0804368	1.25463	1.25463	0.187459	0.848839	-1.17808	0.76363	0.965238	-1.03601	1.30011	0.289911	0.193742	1
cg12331969	MYOF;MYOF		0.34934	0.801758	1.08462	-1.13038	0.5134	1.10739	1.10739	0.80619	1.09353	1.09353	0.992859	1.59283	1.59283	0.0178376	1.63572		0.445379	0.79913	1.25106	0.845683	0.615669	1.62469	0.521669	1.10787	1.10787	0.222206	1.81681	1.81681	1.22427	1.33019	0.534215	0.350235	1
cg09096933	FGD4		0.34934	0.303206	1.6882	1.6882	0.938313	0.9962	-1.00381	0.491249	0.709426	-1.40959	0.520401	1.37701	1.37701	0.144772	0.463446	-2.15775		0.421871	1.49612	1.49612	0.911868	1.05587	1.05587	0.0457557	3.07879	3.07879	0.626185	1.27258	1.27258	1.33009	5.07923	3.3944	1
cg00404480	CCND1		0.34935	0.819977	0.842476	-1.15945	0.0224667	0.595575	-1.89711	0.13511	0.895588	-1.11646	0.0846574	0.383075	-2.61045	0.208109	0.587999	-1.70068		0.551838	1.27234	1.27234	0.72162	1.78742	1.78742	0.809606	0.907938	-1.1014	0.665424	0.840227	-1.19015	1.30017	3.37271	2.25383	1
cg26527984	GALK1		0.34947	0.162121	0.629528	-1.58849	0.705784	1.12478	1.12478	0.222618	0.672091	-1.48788	0.469191	1.25648	1.25648	0.0754218	0.513581	-1.94711		0.257978	0.693522	-1.44191	0.211887	0.665161	-1.5034	0.932019	0.99702	-1.00299	0.437828	0.782411	1.27281	1.33007	2.02496	1.35328	1
cg00467641	FBXO6		0.34958	0.633461	1.07021	1.07021	0.802103	0.965153	-1.0361	0.320839	0.865137	-1.15589	0.83877	0.971636	-1.02919	0.0733747	1.32575	1.32575		0.512662	0.910484	-1.09832	0.240251	0.840582	-1.18965	0.110638	0.782296	-1.27829	0.557622	0.919655	-1.08736	1.30004	0.420198	0.280825	1
cg20928881	RNF181		0.34916	0.252654	1.29882	1.29882	0.731227	0.943598	1.06	0.525316	1.3409	1.3409	0.739162	1.07573	1.07573	0.245652	1.3039	1.3039	0.28178	0.407464	0.831012	-1.20336	0.508153	0.908473	-1.10075	1.3004	1.00531	0.671865	1
cg02922732	SLC22A23;SLC22A23		0.34916	0.293291	1.524	1.524	0.0196155	0.97347	-1.02697	0.574054	0.57955	-1.57955	0.337754	1.46512	1.46512	0.0854045	0.992999	-1.00705		0.327201	1.47831	1.47831	0.211864	1.66242	1.66242	0.728448	1.1442	1.1442	0.332519	1.47161	1.47161	1.33002	1.34636	2.10279	1
cg08885230	RFP78		0.34948	0.342156	0.98557	-1.01453	0.0576589	0.84009	1.19048	0.0010173	1.53079	1.53079	0.894568	0.980336	-1.02006	0.204749	1.22192	1.22192	0.0244698	1.24798	0.266542	3.75114	0.0497255	0.949745	0.0497255	1.09745	-1.00131	0.313545	1.16825	1.16825	1.33002	0.870557	0.596246	1
cg19756313	XRCC4;XRCC4;XRCC4		0.34976	0.543733	0.886296	-1.12829	0.332048	1.21719	1.21719	0.667042	0.918507	-1.08872	0.121746	1.39023	1.39023	0.507965	0.876421	1.141		0.960512	0.973969	-1.02673	0.754191	0.845918	-1.18215	0.578631	1.34834	1.34834	0.3016	0.56544	-1.76853	1.30011	1.97847	3.9953	1
cg06033407	HCCA2		0.34918	0.267967	0.458762	-2.17978	0.479812	0.6241	1.6243	0.902424	1.08635	1.08635	0.236544	2.31066	2.31066	0.0734	0.259736	-3.85006		0.681969	1.31131	1.31131	0.191604	0.393144	-2.54359	0.391356	0.498942	-2.00424	0.818013	1.16841	1.16841	1.32999	9.60578	6.41995	1
cg19431946	SUCLG1		0.34918	0.552758	0.89384	-1.11903	0.0488888	0.5515	1.8133	0.513461	0.634685	-1.58154	0.713829	0.94657	-1.05616	0.796264	1.20516	1.20516	0.0184607	1.18606	0.182637	5.47476	0.0183026	0.842897	0.0183026	1.09857	-1.01853	0.40583	1.05686	1.05686	1.32999	0.498023	0.331452	1
cg08449531	EPN1;EPN1		0.34985	0.248805	0.742175	-1.34739	0.409305	1.23211	1.23211	0.693856	1.1028	1.1028	0.0271353	0.523645	-1.90969	0.28339	0.759057	-1.31742		0.798158	0.938581	-1.06544	0.870656	0.960495	-1.04113	0.473928	0.835152	-1.19739	0.674452	1.11015	1.11015	1.32998	1.28869	0.861298	1
cg17647233	C22orf45;UPB1;C22orf45		0.34985	0.931508	1.07353	1.07353	0.529632	0.846784	1.18073	0.283251	0.944281	-1.14458	0.432496	0.868525	-1.15144	0.0218554	0.784441	-1.27479		0.312965	0.758473	-1.3184	0.82279	0.971996	1.02913	0.0216122	0.811677	-1.23208	0.0215981	0.555935	0.0187785	1.30004	1.47785	0.938756	1
cg02193425	FAM50B		0.34988	0.259861	0.393683	-2.54011	0.0361077	0.144693	-6.9112	0.049973	0.169822	-5.88851	0.867645	0.876087	-1.14144	0.650882	0.696747	-1.43524		0.429126	0.527186	-1.89686	0.730408	0.759803	-1.31613	0.436776	0.53301	-1.87614	0.921622	1.08118	1.08118	1.32997	13.2509	8.85625	1
cg07903316	A EXOSC1;ZDHHC16;ZDHHC16 SEC13A;SEC13A;SEC13A;SEC13A;SEC13A		0.34991	0.812894	0.967999	-1.03306	0.234154	0.842756	-1.18658	0.0785737	1.30734	1.30734	0.648632	1.06495	1.06495	0.844352	1.02733	1.02733		0.567475	1.0825	1.0825	0.0843174	0.769558	-1.29945	0.595185	1.07633	1.07633	0.6779	0.944319	-1.05896	1.32996	0.396324	0.264886	1
cg04380635	A		0.34994	?	?	?	0.594438	0.762675	-1.31118	0.120313	2.33855	2.33855	0.529133	0.725107	-1.37901	-1.36093	0.686208	-1.45728		0.88727	0.930986	-1.07413	0.50438	1.40713	1.40713	0.104665	2.90755	2.90755	0.487727	1.42681	1.42681	1.32728	4.74943	3.57831	1
cg08746671	HSPB8;HSPB8		0.34998	0.610471	0.847286	-1.18024	0.554785	1.21252	1.21252	0.250023	1.47368	1.47368	0.73263	1.12134	1.12134	0.265676	0.687485	-1.45375		0.383179	0.749418	-1.33437	0.142365	0.601272	-1.66314	0.0980511	1.79568	1.79568	0.954204	1.0187	1.0187	1.32994	2.19166	1.46483	1
cg09654908	TUT1		0.34998	0.970163	1.0123	1.0123	0.655344	0.926355	-1.07955	0.581505	1.50185	1.50185	0.781864	0.913254	-1.09504	0.253663	0.627545	-1.59357		0.929865	1.03047	-1.03047	0.743094	1.11351	1.11351	0.967911	0.995015	1.00498	0.990215	1.01321	1.01321	0.48971	0.795015	-1.25784	1.32992	2.51103	1.55454	1
cg13358349	TSPAN15		0.34912	0.491659	0.854271	-1.17041	0.0911568	1.4217	1.4217	0.49263	1.7441	1.7441	0.873487	0.811523	-1.23225	0.344883	0.831956	-1.20199		0.280919	0.809018	-1.23607	0.172008	1.31624	1.31624	0.108844	0.565965	1.15197	1.11597	1.32991	0.753205	0.503431	1
cg07235774	PTK7;PTK7;PTK7;PTK7		0.34921	0.573492	0.692047	-1.44499	0.0406396	4.61708	4.61708	0.115858	3.02242	3.02242	0.718229	1.26428	1.26428	0.657189	0.748968	-1.33517		0.683505	1.30378	1.30378	0.612925	0.718814	-1.39118	0.978758	0.982917	-1.01738	0.371685	0.552341	-1.81047	1.32988	8.82141	5.89619	1
cg14627709	RAD54B		0.34924	0.904479	0.941475	-1.06215	0.2958824	1.1966	1.1966	0.139531	1.3409	1.3409	0.739162	1.07573	1.07573	0.245652	1.3039	1.3039	0.28178	0.407464	0.831012	-1.20336	0.508153	0.908473	-1.10075	1.3004	1.00531	0.671865	1.32983	1.32983	1.32988	2.68354	1.79488	1
cg15730857	ST7OT4;ST7OT1;ST7;ST7		0.34927	0.234146	0.474609	-2.107	0.195245	0.441056	-2.26729	0.205402	0.450099	-2.22176	0.757361	0.830958	-1.20343	0.0990799	0.339441	-2.94602		0.145088	0.392572	-2.5473	0.113575	0.363336	-2.75227	0.0857769	0.325141	-3.11002	0.629885	0.748816	-1.33661	1.32984	7.52017	5.02661	1
cg26053771	SLC25A35;RANGRF		0.34939	0.970389	0.995558	-1.00448	0.1203018	0.814918	-1.22712	0.0864958	0.759673	-1.31696	0.944234	1.00782	1.00782	0.23851	1.16082	1.16082		0.42173	0.94004	-1.1038	0.77	0.729208	0.871118	-1.14795	0.568827	0.932814	-1.07203	1.06966	0.269563	0.173475	1
cg03174634	ADRB3		0.34924	0.808065	0.918212	-1.23181	0.670706	0.843639	-1.18394	0.784433	1.05095	1.05095	0.280935	0.636546	-1.57098	0.166675	0.551944	-1.81178		0.200505	0.579846	-1.7246	0.0211862	0.327307	-3.05523	0.288261	0.643236	-1.55349	0.667121	0.839769	-1.19051	1.32984	3.42153	2.28702	1
cg02976575	LMTK2		0.34944	0.232968	0.794961	-1.25792	0.358278	1.18925	1.18925	0.21985	0.789227	-1.26706	0.845571	0.704666	-1.41911	0.607751	0.909383	-1.09965		0.209597	0.784597	-1.27458	0.254066	1.24423	1.24423	0.778662	0.949616	-1.05306	0.774845	0.948742	-1.05403	1.32983	0.708972	0.473895	1
cg08311403	RDBD3		0.34945	0.784285	1.07372	1.07372	0.590934	0.948888	1.05415	0.512317	1.36448	1.36448	0.545687	1.08144	1.08144	0.550887	1.22384	1.22384	0.0744756		0.833026	1.42897	1.42897	0.242836	1.53911	1.53911	1.28844	0.54514	0.64454	0.94302	1.0149	1.0149	1.32982	0.462465	0.46245	1
cg02765693	PPM1E		0.34948	0.268147	1.81976	1.81976	0.693063	0.813902	-1.22865	0.923057	1.05142	1.05142	0.0960614	2.58231	2.58231	0.12064	0.417382	-2.39588		0.326853	1.69115	1.69115	0.711042	1.21306	1.21306	0.187585	2.06454	2.06454	0.835926	0.897945	-1.11365	1.32982	5.67455	3.79304	1
cg10274815	EPN81		0.34925	0.178524	0.10769	-9.28592	0.412875	0.271106	-3.68859	0.875271	0.944281	-1.14458	0.432496	0.868525	-1.15144	0.0218554	0.784441	-1.27479		0.0313878	0.0195244	-51.2179	0.821588	1.42212	1.42212	0.0607819	1.34209	1.34209	0.188787	1.24377	1.24377	1.32981	11.1962	34.2213	1
cg22277972	ISCU;ISCU		0.34928	0.107462	0.45383	-2.20347	0.824273	0.904829	-1.10518	0.413258	1.45666	1.45666	0.177017	0.524653	-1.90602	0.153477	0.502939	-1.98831		0.232376	0.570065	-1.75419	0.11894	0.467181	-2.1405	0.804582	0.89451	-1.11793	0.257903	0.588076	-1.70046	1.32979	2.52894	2.84686	1
cg12188650	RBM14		0.34971	0.223636	0.433859	-2.30489	0.549644	0.673429	-1.48494	0.53691	1.50437	1.50437	0.370975	0.548818	-1.8221	0.0485368	0.22951	-4.35711		0.200943	0.413886	-2.41613	0.124757	0.337764	-2.96065	0.577387	0.692365	-1.44433	0.212118	0.423835	-2.35941	1.32976	8.98363	6.00519	1
cg24106686	TBX8P1		0.34971	0.30547	0.7483	-1.33637	0.0224667	0.595575	-1.89711	0.13511	0.895588	-1.11646	0.0846574	0.383075	-2.61045	0.208109	0.587999	-1.70068		0.551838	1.27234	1.27234	0.72162	1.78742	1.78742	0.809606	0.907938	-1.1014	0.665424	0.840227	-1.19015	1.30017	3.37271	2.25383	1
cg03436262	MGC2889;HRASLS		0.34973	0.340565	0.810392	-1.30324	0.297748	0.72458	-1.22549	0.138709	1.35018	1.35018	0.469984	1.14851	1.14851	0.348408	0.846918	-1.18075		0.455033	1.15412	1.15412	0.205905	0.777435	-1.28577	0.233074	0.790146	-1.26559	0.649745	0.8994	1.08994	1.32975	0.747336	0.499567	1
cg18080512	HTR7P;HEBP1		0.34976	0.242959	0.733225	-1.36355	0.16183	0.501536	-1.99386	0.153877	1.32639	1.32639	0.681653	1066	1066	0.0167573	1.6968	1.6968		0.966868	0.851004	-1.17509	0.0417411	1.16924	1.16924	0.482347	1.08848	1.08848	0.319289	0.776219	1.28843	1.28843	1.32972	1.30082	0.743427	1
cg04313175	RELT;RELT		0.34979	0.29243	1.23737	1.23737	0.546414	1.12639	1.12639	0.029173	1.65068	1.65068	0.451961	1.16117	1.16117	0.701813	0.92773	1.0779		0.386439	1.18901	1.18901	0.103999	1.41428	1.41428	0.835831	0.960345	-1.04129	0.393618	1.18577	1.18577	1.32973	0.800764	0.535287	1
cg14797243	IGHMBP2;MRPL21;MRPL21		0.34981	0.13449	0.801276	-1.24801	0.210306	0.1987	1.1987	0.030473	1.14782	1.14782	0.523623	0.915085	-1.09279	0.300398	1.15873	1.15873		0.845729	0.97361	-1.0271	0.114974	0.790325	-1.2653	0.842052	0.97298	-1.02777	0.661551	1.06234	1.06234	1.32973	0.396956	0.265354	1
cg05106206	RBM15B		0.34982	0.906676	1.03403	1.03403	0.720374	1.02713	1.02713	0.875986	1.25992	1.25992	0.256697	1.17036	1.17036	0.0503335	0.840007	-1.20313		0.311332	0.77296	-1.29366	0.0414777	0.732156	-1.36583	0.445877	0.796643	-1.25565	0.653348	1.14161	1.14161	1.32972	1.85755	1.2083	1
cg08348649	FAM70A;FAM70A;FAM70A		0.34983	0.148341	0.264757	-3.77705	0.597987	1.5779	1.5779	0.841487	1.18724	1.18724	0.0654567	5.88415	5.88415	0.477383	1.85747	1.85747		0.873867	0.872693	-1.14588	0.908023	1.10414	1.10414	0.102304	4.62981	4.62981	0.524881	1.73722	1.73722	1.32972	15.4722	10.3428	1
cg04605607	PHF8		0.34983	0.324483	1.5491	1.5491	0.89401	1.57282	1.57282	0.0813137	0.905213	1.08094	0.291687	1.48697	1.48697	0.0244702	1.85804	1.85804		0.171526

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg07792815	TMC5;TMC5;TMC5	0.349567	0.427187
cg21789870	C18orf55;FBXO15;FBXO15	0.349568	0.957782
cg11322879	GATSL1	0.349569	0.562775
cg04944853	RBP1;RBP1;RBP1	0.349576	0.397427
cg23626131	KCNH7	0.349578	0.900755
cg18270675	SYTL2;SYTL2;SYTL2;SYTL2;SYTL2;SYTL2;SYTL2;SYTL2;SYTL2	0.349582	0.825284
cg24071200	NFKBIL1;NFKBIL1;NFKBIL1;NFKBIL1	0.34959	0.0573447
cg10326891	NUDT9;NUDT9;NUDT9;NUDT9	0.349593	0.966422
cg18049365	KLHL14	0.3496	0.295919
cg08179771	ZSWIM1	0.349604	0.662742
cg09142135	TCIRG1;TCIRG1	0.349607	0.808647
cg05519737	BUB1;BUB1	0.349623	0.569902
cg14898646	HEATR2	0.349624	0.661322
cg02466947	LOC645323;LOC645323;LOC645323	0.34963	0.536757
cg05099491	LMX1A	0.349643	0.0971387
cg06709214	FUZ;AP2A1;AP2A1	0.349647	0.449995
cg01006077	RABL5;RABL5;RABL5;RABL5	0.349665	0.395005
cg14846324	BRUNOL6	0.349677	0.972088
cg03874471	ASCL2	0.349679	0.403503
cg20948262	FRRS1	0.349679	0.567712
cg01981601	TOX	0.349681	0.501543
cg07424912	SLC38A7	0.349683	0.490993
cg08837037	C22orf27	0.349683	0.0725375
cg23041250	PLXNB2	0.349686	0.710726
cg26221019	PECI;PECI;PECI;PECI	0.349691	0.366551
cg11649268	METT10D	0.349694	0.319485
cg23430209	HCCA2	0.349695	0.488929
cg26378753	TMEM18	0.349705	0.87096
cg09450352	PTPRN2;PTPRN2;PTPRN2	0.349707	0.221724
cg23994443	TNXB	0.349712	0.354947
cg01658908	BLOC1S1	0.349719	0.975813
cg10338539	SRY	0.349723	0.227961
cg23537415	U2AF2;U2AF2	0.349734	0.519102
cg03650474	LCOR;LCOR;LCOR;LCOR	0.349742	0.875504
cg00525683	ADAM19	0.349743	0.505133
cg27210536	CPT1B;CHKB-CPT1B;CPT1B;CPT1B;CPT1B;CPT1B;CPT1B;CPT1B	0.349744	0.716335
cg07189204	SCAMP3;FAM189B;FAM189B;SCAMP3	0.349759	0.155747
cg01066274	WDR59	0.349762	0.695489
cg17040113	PPARA;PPARA	0.349763	0.596745
cg16558770	ZNF710	0.349764	0.247466
cg17219729	CSF3R;CSF3R;CSF3R;CSF3R	0.349774	0.19243
cg01771213	DAB1	0.349777	0.217718
cg27230496	SOAT1	0.349779	0.127952
cg16115627	DPP6;DPP6;DPP6	0.34978	0.318649
cg24171915	C13orf16	0.349788	0.886612
cg02099814	AK5;AK5	0.34979	0.211823
cg09470230	UNC5B	0.349793	0.102331
cg17235151	PPP2R2D;PPP2R2D;PPP2R2D	0.349809	0.106847
cg15454383	PDS5A;PDS5A;PDS5A	0.349815	0.189108
cg07008478	CAMTA1	0.349816	0.342359
cg24475210	MRFAP1	0.349827	?
cg26590811	EMD	0.349831	0.097122
cg25368031	INTS5;INTS5	0.349831	0.153497
cg25438054	NLN;SGTB	0.34984	0.665174
cg08826460	LDLR	0.349855	0.932672
cg01446907	RAB3A	0.349861	0.56309
cg03954999	ATP10A	0.349869	0.629831
cg14235155	TTLL11;TTLL11	0.349871	0.29326
cg26795340	GPD1;C12orf62	0.349877	0.284447
cg06097977	ABCF2;ABCF2	0.349878	0.801618
cg04464727	COL11A2;COL11A2;COL11A2	0.349878	0.091445
cg13990065	RAB6A;RAB6A	0.349891	0.496352
cg01665633	NDNL2;FAM189A1	0.349891	0.545331
cg04293930	TULP1;TEAD3	0.349893	0.541642
cg02836764	INPP5A	0.349898	0.427098
cg25413748	PARVA	0.349909	0.172746
cg23814172	DIP2C	0.349914	0.116363
cg22758916	PLA2G4E	0.349918	0.591327
cg06791867	TSPAN18	0.349919	0.406585
cg21724717	BET1	0.349927	0.275856
cg12315284	SH2B2	0.349929	0.421903
cg06468454	P2RX5;P2RX5	0.349937	0.363612
cg05129094	KLC1;KLC1;KLC1	0.349941	0.223116
cg08442823	PHF21A;PHF21A	0.349943	0.382202
cg01297101	RPL19	0.349945	0.431825
cg12354377	ANK3	0.349946	0.931452
cg09723088	HLA-F;HLA-F;HLA-F;HLA-F;HLA-F;HLA-F	0.349966	0.106317
cg09949666	C7orf44	0.349969	0.425321
cg21444912	RELL1;RELL1	0.349969	0.118299
cg25903474	CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.349972	0.180136
cg06823112	ZNF202	0.349979	0.542339
cg06402602	FBXO31;FBXO31	0.34998	0.676163
cg14686845	AGPAT5	0.349985	0.15484
cg14201635	GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.350002	0.863293
cg13938035	RGS3;RGS3;RGS3;RGS3	0.350002	0.791713
cg00407245	EPS8L1;EPS8L1	0.350003	0.162856
cg27305939	MORN1;LOC100129534	0.350007	0.175378
cg02872868	SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2;SORBS2	0.350007	0.188684
cg09456516	LOC100134368	0.35001	0.966382
cg10599444	MMP14;MMP14	0.350013	0.347136
cg13775295	COL5A1	0.350018	0.83691
cg08007639	FLYWCH1	0.350021	0.23094
cg19309549	SLC35A3	0.350022	0.653393
cg04102760	SLC19A2;SLC19A2	0.350031	0.10784
cg15852320	TSPAN9;TSPAN9	0.350035	0.570968
cg13545165	PRDM11	0.350041	0.760522
cg01046104	ZIK1	0.350042	0.0775561
cg22387323	CCDC149	0.350051	0.998574
cg14203525	GAP43;GAP43	0.35006	0.507635
cg26743588	OPN4;OPN4	0.350062	0.355588
cg26218110	BAHCC1	0.350072	0.137675
cg27181169	RSPRY1;FAM192A	0.350074	0.809471
cg11848015	BAHCC1	0.350076	0.578373
cg05562241	CLDN14	0.350084	0.570944
cg01635878	NMU	0.350086	0.600376
cg08557517	FKBP9	0.350086	0.315693
cg09099965	CPSF4;PTCD1;CPSF4	0.350088	0.0199593
cg01797567	MGAT2;RPL36AL	0.350103	0.60758
cg21810173	MIR212;MIR132	0.350107	0.493707
cg09249800	ACOT7;ACOT7;ACOT7;ACOT7	0.350112	0.856219
cg26605865	DIP2C	0.350112	0.282098
cg12646800	MIR548F5;DCLK1	0.350119	0.990187
cg20081432	SNORD115-17;SNORD115-18;SNORD115-19	0.35012	0.0372287
cg17872838	UTP14C	0.35012	0.110139
cg21960840	TMEM187;HCFC1	0.350129	0.072343
cg02995853	APBB3;APBB3;APBB3;SLC35A4;APBB3	0.350133	0.743459
cg11519238	RGL1;ARPC5;RGL1	0.350133	0.429118
cg18022893	RNF220	0.350149	0.185524
cg14236976	LMX1B	0.35015	0.0503787
cg02572729	DDAH1;DDAH1;DDAH1	0.350165	0.536079
cg11149033	TFAM;TFAM	0.350169	0.889177
cg08139509	ERLEC1;LOC100302652;ASB3;ASB3;ERLEC1;ERLEC1	0.35017	0.883552
cg18622870	SYT7	0.350177	0.373288
cg26838995	ZNF547;TRAPPC2P1	0.350177	0.800856
cg26576235	TRIM39;TRIM39	0.350183	0.314947
cg13886554	FBLN7;FBLN7	0.350184	0.317268
cg02247591	PHLDB3	0.350185	0.0965589
cg24952640	TEAD4;TEAD4;TEAD4	0.350187	0.840976
cg10721440	ACSL4;ACSL4;ACSL4;ACSL4	0.350194	0.063695
cg24225467	FMN1	0.350194	0.692388
cg04149897	TOP1MT	0.350195	0.486519
cg18180181	TTC21A;TTC21A;GORASP1	0.350197	0.488095

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T 477 vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T 537 vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	S5(Test)	S5(Error)	
cg25368824	IL4,IL4		0.350214	0.222116	0.731868	-1.40082	0.660816	0.890325	-1.12319	0.8891395	0.611132	-1.61631	0.0997977	0.622651	-1.60604	0.345736	0.774849	-1.29057	0.37917	0.789	-1.26743	0.217019	1.40662	1.40662	0.94716	1.01756	1.01756	0.509237	0.838723	-1.91029	1.12734	1.4505	0.971372	1
cg17427781	DDX20,C1orf183		0.350218	0.917977	1.01585	1.01585	0.523435	1.10403	1.10403	0.534405	0.908428	-1.1008	0.0967313	1.32096	1.32096	0.39187	0.875161	-1.14265	0.750358	1.04994	1.04994	0.0806109	0.743914	-1.34424	0.523756	1.10367	1.10367	0.337499	1.16295	1.16295	1.32733	0.489964	0.328121	1
cg14794799	GPTP2		0.350219	0.371572	1.2295	1.2295	0.826992	1.05053	1.05053	0.155491	0.710153	-1.40815	0.481406	1.17487	1.17487	0.672752	1.1004	1.1004	0.0449109	1.67925	1.67925	0.806131	1.05694	1.05694	0.82063	0.950143	-1.05247	0.324826	0.795352	-1.2573	1.32732	1.06612	0.713965	1
cg19194262	MTIF3;MTIF3;MTIF3;MTIF3		0.350229	0.091976	1.43783	1.43783	0.88487	0.972161	-1.02859	0.460443	1.5799	1.15799	0.557663	1.12271	1.12271	0.0805535	1.45984	1.45984	0.208927	1.29504	1.29504	0.294722	0.808464	-1.2363	0.563413	1.12078	1.12078	0.258532	1.25875	1.25875	1.3273	0.800952	0.536395	1
cg19921776	EDEM3		0.350237	0.538477	0.861605	-1.16062	0.783478	1.0681	1.0681	0.0572593	0.597842	-1.67268	0.175191	0.708339	-1.41175	0.950514	1.1518	1.1518	0.165705	0.702171	-1.42415	0.969788	0.990981	-1.0091	0.402222	1.22758	1.22758	0.576303	1.14456	1.14456	1.59728	1.20249	0.805315	1
cg24212708	TNX8		0.350237	0.701034	0.925593	-1.08039	0.333488	0.818776	-1.22134	0.18021	1.52151	1.32151	0.237015	1.28186	1.28186	0.158847	1.73945	1.73945	0.219822	1.29512	1.29512	0.332287	1.22198	1.22198	0.59988	0.80934	-1.11193	0.464779	1.16081	1.16081	1.50288	0.84051	0.565576	1
cg01082559	KCNG1		0.350238	0.428207	0.790294	-1.26535	0.765151	0.916522	-1.09108	0.14799	0.636617	-1.5708	0.494022	0.817022	-1.22396	0.631968	1.15075	1.15075	0.967665	0.988274	-1.01186	0.0402747	1.99258	1.99258	0.415535	0.784939	-1.27398	0.911472	1.03289	1.03289	1.32727	1.77976	1.19192	1
cg08495027	MOXD2,TUG1		0.350242	0.728183	0.947546	-1.05536	0.183125	1.24314	1.24314	0.362538	1.15366	1.15366	0.568866	0.919186	-1.08792	0.449128	1.12643	1.12643	0.848239	0.970848	-1.03003	0.223813	0.8309	-1.2181	0.850128	1.02962	1.02962	0.0486091	1.41603	1.41603	1.32727	0.501288	0.33572	1
cg24384051	ORBB3		0.350243	0.464802	0.609552	-1.64055	0.928493	1.06155	1.06155	0.205228	0.410917	-2.43358	0.032261	1.41575	1.41575	0.187761	1.394995	1.394995	0.779547	1.20529	1.20529	0.6528173	0.231169	-4.32583	0.607377	0.708658	-1.41112	0.10639	0.309357	3.23251	1.32726	9.30767	6.23349	1
cg24486235	LOC400794		0.350255	0.889113	0.977144	-1.02339	0.69712	1.06697	1.06697	0.833028	0.965617	-1.03561	0.479445	1.12654	1.12654	0.0163383	0.614929	-1.6262	0.476413	0.886918	-1.1275	0.733257	1.05833	1.05833	0.566235	0.908377	-1.10087	0.667788	1.07418	1.07418	1.32723	0.577378	0.386688	1
cg04143732	INTS3;INTS3		0.350256	0.340696	1.49735	1.49735	0.262525	0.618591	-1.61658	0.851243	0.82891	1.66063	1.66063	0.197161	1.79805	1.79805	0.689477	0.847781	-1.17955	0.147636	0.527962	-1.89408	0.376347	0.68849	-1.45245	0.354313	0.675842	-1.47964	1.32723	3.5533	2.37976	1
cg11686427	HGA3;PCDHGB5;PCDHGB6;PCDHGA2		0.350256	0.150788	5.52043	5.52043	0.183105	4.79353	4.79353	0.223788	4.12893	4.12893	0.363862	2.81602	2.81602	0.314802	3.16855	3.16855	0.74129	0.692404	-1.44424	0.432444	2.43236	2.43236	0.039167	14.016	14.016	0.217092	4.22438	4.22438	1.32723	25.8759	17.3299	1
cg18827934	KIF1A		0.350264	0.904331	1.07175	1.07175	0.930745	0.948524	1.05452	0.0775	0.944853	1.05903	0.944853	1.24992	1.24992	0.0488254	0.800755	1.24893	0.449793	2.49701	2.49701	0.564209	1.77463	1.77463	0.0625	0.562051	1.77885	1.77885	0.0262501	1.96325	1.96325	0.687994	1.26194	1.26194	1.32721	0.98157	0.67586	1
cg06945456	POLD1		0.350269	0.472599	1.25998	1.25998	0.852375	1.0607	1.0607	0.0966915	1.78041	1.78041	0.081446	1.84213	1.84213	0.786324	1.08076	1.08076	0.5775568	1.1948	1.1948	0.205225	0.6552144	-1.52622	0.225461	1.49584	1.49584	0.729542	0.896023	-1.11604	1.3272	2.10334	1.40871	1
cg09080114	SPSB2;SPSB2		0.350278	0.857695	1.07975	1.07975	0.102076	2.14882	2.14882	0.693543	0.844256	-1.18448	0.822742	0.908544	-1.10066	0.211485	0.569663	-1.75542	0.834936	1.09367	1.09367	0.0679099	0.415741	-2.39611	0.538755	1.3048	1.3048	0.56682	1.2808	1.2808	1.32719	3.84113	2.5726	1
cg12981500	TMEM102		0.350278	0.888754	0.945121	-1.06055	0.502394	1.32682	1.32682	0.107914	0.744228	-1.34358	0.429444	0.971484	-1.02935	0.155729	1.03521	1.03521	0.237015	1.28186	1.28186	0.158847	1.73945	1.73945	0.219822	1.29512	1.29512	0.332287	1.22198	1.22198	0.59988	0.809934	-1.11193	0.464779	1.16081	1.16081	1.32728	0.84051	0.565576	1
cg13969413	C1orf144		0.350288	0.528459	0.758671	-1.31809	0.0819128	0.434456	-2.30173	0.16303	0.525225	-1.90395	0.225868	0.576954	-1.73324	0.235504	1.712	1.712	0.681181	1.19561	1.19561	0.572152	1.28	1.28	0.78445	1.12589	1.12589	0.386151	0.680997	-1.46844	1.32715	3.93103	2.6329	1
cg18527435	DNAH7		0.350329	0.383025	2.22625	2.22625	0.100821	1.60546	1.60546	0.165465	1.94025	1.94025	0.577054	1.60251	1.60251	?	?	?	0.892335	0.885886	-1.12851	0.437771	2.09069	2.09069	0.057928	7.32186	7.32186	0.052155	7.21653	7.21653	1.3244	14.9224	11.2681	1
cg19231194	CUX1;CUX1;CUX1		0.350296	0.794985	1.05924	1.05924	0.10351	1.42983	1.42983	0.18172	1.32933	1.32933	0.911443	1.02259	1.02259	0.594553	0.897845	-1.11378	0.809557	0.952673	-1.04968	0.315197	1.23189	1.23189	0.222176	0.772876	-1.29387	0.0969197	0.7618	-1.31268	1.32713	0.847586	0.5677	1
cg07451926	RDBD3		0.350306	0.113052	0.682857	-1.46444	0.373244	0.81695	-1.22407	0.728809	1.08003	1.08003	0.564291	0.879058	-1.13758	0.402609	0.827408	-1.20859	0.233024	0.758369	-1.31862	0.0480076	0.606564	-1.64863	0.645547	1.14371	1.14371	0.666371	1.10069	1.10069	1.3271	1.02827	0.688731	1
cg06532037	C2orf88;C2orf88;C2orf88;C2orf88		0.350315	0.180715	1.61674	1.61674	0.0886077	1.88692	1.88692	0.0416552	2.2118	2.2118	0.783285	1.08767	1.08767	1.09748	0.911	1.0975	0.353827	1.01977	1.01977	0.761267	1.10849	1.10849	0.646065	0.855304	-1.16918	0.360144	1.13438	1.13438	1.32708	2.40136	1.60845	1
cg01935051	KCMF1		0.350317	0.289054	1.33267	1.33267	0.830382	0.945559	-1.05758	0.787786	0.972259	1.05758	0.627005	0.890184	-1.12336	0.425546	0.808731	-1.23651	0.620784	0.578012	-1.73007	0.0853847	0.680889	-1.64255	0.885244	1.1084	1.1084	0.43902	1.22871	1.22871	1.32707	1.43121	0.958643	1
cg08449667	QARS		0.350318	0.283329	1.44322	1.44322	0.427154	0.723736	1.38236	0.0716696	1.03313	1.03313	0.0884253	1.08862	1.08862	0.0284664	1.41907	1.41907	0.818307	0.93082	-1.07442	0.0103357	0.733614	0.7634	1.09062	0.972202	-1.02826	0.382027	0.997406	1.00026	1.00026	1.32707	0.166646	0.129455	1
cg14914739	GRK7		0.350318	0.139811	0.761081	-1.31392	0.428733	1.14893	1.14893	0.946893	1.01151	1.01151	0.822224	1.03943	1.03943	0.852138	1.03258	1.03258	0.732616	0.942771	-1.0607	0.0272603	1.5667	1.5667	0.945583	0.988338	-1.0118	0.837013	0.965221	-1.03603	1.32707	0.620669	0.415732	1
cg15879716	MAD1L1;MAD1L1;MAD1L1		0.350325	0.170199	0.74277	-1.35159	0.0394681	0.784769	-1.27438	0.192449	0.967549	-1.03354	0.226608	0.91756	-1.09003	0.0796498	1.03258	1.03258	0.777646	-1.2879	0.992112	0.994943	-1.00508	0.229607	0.532955	1.08853	1.08853	0.0164207	0.770539	-1.29779	1.32706	0.53277	0.37056	1
cg11192223	JAKMIP1;JAKMIP1		0.350326	0.987762	0.962653	-1.03974	0.0527516	0.88257	1.88257	0.175449	1.99925	1.99925	0.530762	0.73689	-1.35705	0.166192	0.491695	-2.03378	0.936391	0.962349	-1.03912	0.408992	1.50086	1.50086	0.843113	0.909121	-1.09996	0.852954	0.916506	-1.0911	1.32705	1.8591	3.25474	1
cg06159296	FAT3		0.35034	0.374561	0.76109	-1.3139	0.695335	1.12512	1.12512	0.125019	0.608114	-1.64443	0.365476	0.756904	-1.32117	0.275612	0.711967	-1.40456	0.857658	0.947644	-1.05525	0.0640568	0.536134	-1.8652	0.669759	1.13713	1.13713	0.10897	0.592389	-1.68808	1.32702	1.88568	1.26311	1
cg00328284	K1;MIR48;ANK1		0.35034	0.860852	1.09113	1.09113	0.646431	3.10771	3.10771	0.0314476	3.50556	3.50556	0.5454	1.35554	1.35554	0.956037	0.972968	-1.02778	0.490796	1.4161	1.4161	0.567233	1.33305	1.33305	0.800724	1.13997	1.13997	0.99428	0.996443	-1.00357	1.32701	5.19326	3.47867	1
cg13760546	RNF125;RNF125		0.350343	0.809401	1.07402	1.07402	0.907008	0.976042	1.02515	0.624081	1.38198	1.38198	0.189893	1.28108	1.28108	0.0911997	1.31024	1.31024	0.749532	0.938666	-1.06572	0.146248	0.727174	-1.37519	0.490413	1.15936	1.15936	0.0884951	1.46796	1.46796	1.32701	0.876953	0.587421	1
cg23787205	KCNC1		0.35035	0.545639	0.774515	-1.29113	0.0331193	2.83136	2.83136	0.986444	1.00712	1.00712	0.918536	0.958158	-1.04367	0.986696	1.00699	1.00699	0.15435	0.52888	-1.89079	0.572365	1.26915	1.26915	0.811469	1.9049887	-1.10499	0.381975	0.687056	-1.45442	1.32699	3.66842	2.45731	1
cg15511516	NSDHL;NSDHL;CETN2		0.350363	0.119228	0.0661399	-15.1196	0.657464	0.488291	-2.04796	0.761469	0.613212	-1.63076	0.339845	0.85571	-1.16857	0.66528	2.01213	2.01213	0.032429	0.0170609	-55.8443	0.810985	1.44485	1.44485	0.913468	1.19078	1.19078	0.96228	0.70893	-1.41069	1.32696	54.2265	36.3248	1
cg24319704	C12orf33;C12orf23		0.350364	0.577032	1.08473	1.08473	0.774373	1.07473	1.07473	0.734051	1.09288	1.09288	0.684159	0.901915	-1.10894	0.449491	1.12755	1.12755	0.971946	1.00923	1.00923	0.944149	0.995252	-1.00478	0.533148	-2.15821	0.397087	0.797336	-1.25423	0.683188	1.88076	-1.11399	1.32695	1.4341	0.960667	1
cg27626283	ATP4F2;C17orf39		0.350374	0.827663	1.08555	1.08555	0.8825334	2.484792	-2.06274	0.389706	1.39358	1.39358	0.934249	0.969411	-1.03155	0.56189	0.801865	-1.24709	0.252714	1.56803	1.56803	0.222012	1.62134	1.62134	0.609808	1.21385	1.21385	0.148546	1.79218	1.79218	1.32693	2.97926	1.99576	1
cg08625851	SOX4		0.350406	0.640864	1.0896055	1.0896055	0.7249258	1.18468	1.18468	0.217655	1.35411	1.35411	0.648955	0.910317	-1.09852	0.336099	0.870357	-1.14903	0.684198	1.10653	1.10653	0.564845	0.855304	-1.16918	0.360144	1.13738	1.13738	0.132708	1.21792	1.21792	0.874053	1.06304	-1.03777	0.826932	1.07898	1
cg25125450	RFPL3		0.350379	0.747052	0.68734	-1.46254	0.0960413	0.56173	1.56173	0.409964	0.371605	-2.69103	0.161061	0.58421	-1.71124	0.0657535	1.97225	1.97225	0.307597	1.45817	1.45817	0.311849	3.24188	3.24188	0.369061	0.336571	-2.97114	0.364586	0.334704	-2.98771	1.32691	29.0042	19.4297	1
cg24408511	C12orf51		0.350379	0.136839	0.255671	-3.91128	0.927825	0.925794	-1.08015	0.209704	0.324617	-3.08055	0.441821	0.491953	-2.03271	0.104229	0.220557	-4.53398	0.319514	0.416664	-2.40001	0.0674275	0.174829	-5.71988	0.92142	0.919457	-1.0876	0.126918	0.245372	-4.07545	1.32691	15.2018	10.1963	1
cg17203703	YIPF6		0.350386	0.19336	1.23225	1.23225	0.310959	0.827117	-4.35319	0.184138	0.57577	-1.73577	0.267509	0.54188	-1.84517	0.0101317	0.108852	0.336099	0.870357	-1.14903	0.684198	1.10653	1.10653	0.564845	0.855304	-1.16918	0.360144	1.13738	1.13738	1.32708	2.40136	1.60845	1
cg01935051	KCMF1		0.350317	0.289054	1.33267	1.33267	0.830382	0.945559	-1.05758	0.787786	0.972259	1.05758	0.627005	0.890184	-1.12336	0.425546	0.808731	-1.23651	0.620784	0.578012	-1.73007	0.0853847	0.680889	-1.64255	0.885244	1.1084	1.1084	0.43902	1.22871	1.22871	1.32707	1.43121	0.958643	1
cg25125450	RFPL3		0.350379	0.747052	0.68734	-1.46254	0.0960413	0.56173	1.56173	0.409964	0.371605	-2.69103	0.161061	0.58421	-1.71124	0.0657535	1.97225	1.97225	0.307597	1.45817	1.45817	0.311849	3.24188	3.24188	0.369061	0.336571	-2.97114	0.364586	0.334704	-2.98771	1.32691	29.0042	19.4297	1
cg24408511	C12orf51		0.350379	0.136839	0.255671	-3.91128	0.927825	0.925794	-1.08015	0.209704	0.324617	-3.08055	0.441821	0.491953	-2.03271	0.104229	0.220557	-4.53398	0.319514	0.416664	-2.40001	0.0674275	0.174829	-5.71988	0.92142	0.919457	-1.0876	0.126918	0.245372	-4.07545	1.32691	15.2018	10.1963	1
cg17203703	YIPF6		0.350386	0.19336	1.23225	1.23225	0.310959	0.827117	-4.35319	0.184138	0.57577	-1.73577	0.267509	0.54188	-1.84517	0.0101317	0.108852	0.336099	0.870357	-1.14903	0.684198	1.10653	1.10653	0.564845	0.855304	-1.16918	0.360144	1.13738	1.13738	1.32708	2.40136	1.60845	1
cg00929392	IFFO2		0.350401	0.879473	0.7576	-1.04428	0.0624054	0.549446	-1.82001	0.479834	0.81458	-1.22763	0.457292	0.80563	-1.24126	0.91843	1.02968	1.02968	0.39764	1.28054	1.28054	0.156519	1.54146	1.54146	0.345182	0.757602	-1.31995	0.293246	0.732491	-1.3652	1.32686	1.73116	1.14768	1
cg13274029	RNF168		0.350405	?	0.34045	?	0.34045	2.86273	2.86273	0.479834	1.88943	1.88943	0.458311	0.576737	-1.73389	0.546724	0.642614	-1.55614	0.453684	1.72259	1.72259	0.174645	0.563859	1.77463	1.77463	0.0625	0.562051	1.77885	1.77885	0.0262501	1.96325	1.96325	0.687994	1.26194	1.26194	1.32721	0.98157	0.67586	1
cg21825071	NUDT3;NUDT3		0.350412	0.614981	0.910908	-1.09781	0.833552	-1.03953	1.03953	0.310951	1.21275	1.21275	0.730243	1.06576	1.06576	0.0377778	1.55781	1.55781	0.157715	1.10921	1.10921	0.541877	0.892604	-1.12032	0.157513	0.757219	-1.32062	0.992374	1.00176	1.00176	1.32683	0.711416	0.476602	1
cg24332570	ANK3		0.350419	0.518369	0.693135	-1.4423	0.489131	1.48146	1.48146	0.424544	1.57801	1.57801	0.750263	0.956529	1.39453	1.39453	0.645403	0.659414	-1.5165	0.148245	0.420015	-2.38087	0.436397	0.641393	-1.55911	0.0781094	0.788483	1.65828	1.65828	1.32681	6.57439	4.40447	1
cg15558814	C15orf42		0.350426	0.774982	0.971715	1.02355	0.0235	1.16252	1.16252	0.222191	1.13712	1.13712	0.629261	1.04991	1.04991	0.0265653	1.25724	1.25724	0.68995	1.09265	1.09265	0.661831	1.04505	1.04505	0.554803	0.955947	-1.04608	0.0940021	1.2017	1.2017	1.32679	0.234008	0.141098	1
cg26427308	PRLH		0.350429	0.622315	0.833739	-1.15942	0.54874	1.24885	1.24885	0.0390164	0.458866	-2.39885	0.811037	0.916015	-1.09168	0.791386	0.907474	-1.10196	0.75256	1.12281	1.12281	0.11047	1.89083	1.89083	0.580449	1.22687	1.22687	0.632402	0.838196	-1.19304	1.3268	2.81855	1.88831	1
cg10567273	APOLD1;APOLD1		0.350442	0.593384	1.07203	1.07203	0.845431	1.24205	-1.18582	0.703467	1.65456	1.65456	0.594577	0.852434	-1.17315	0.568381	1.10487	1.10487	0.623234	1.08942	1.08942	0.38273	0.824434	-1.21297	0.683855	1.02454	1.02454	0.0358091	1.17759	1.17759	1.32675	0.628095	0.421209	1
cg08955548	PTPN9;PTPN9;PTPN12		0.350443	0.97091	0.979062	-1.02139	0.237959	0.488051	-2.04897	0.578269	1.38525	1.38525	0.146869	2.46816	2.46816	0.76465	1.19124	1.19124	0.970293	0.978621	-1.02185	0.577365	0.723123	-1.38634	0.0463344	3.76005	3.76005	0.501719	0.673233	-1.48537	1.32675	7.07594	4.74069	1
cg19509986	PTPN9;PTPN9;PTPN12		0.350443	0.144058	0.624159	-1.60216	0.316584	0.742021	-1.35093	0.607299	0.855824	-1.16846	0.954568	1.03726	1.03726	0.126586	0.608857	-1.64242	0.305469	0.7775	-1.28603	0.0950648	0.52761	-1.89534	0.462246	1.23058	1.23058	0.261711	0.703625	-1.42121	1.32675	1.38558	1.12985	1
cg05533744	E2F4		0.350444	0.96931	1.00982	1.00982	0.493238	0.837823	-1.19357	0.0615	1.51963	1.51963	0.669522	0.896441	-1.11552	0.512222	1.17502	1.17502	0.384845	1.8609111	1.1506	0.0336068	0.531972	-1.8798	0.297682	0.759523	-1.31592	0.244969	1.36244	1.36244	1.32675	1.3584	0.910387	1
cg03832227	ASTL		0.350445	0.608445	0.566388	-1.76557	0.213401	0.42714	-2.42714	0.604682	1.77634	1.77634	0.547017	0.511451	-1.95522	0.860381	0.124105	-8.05772	0.915012	0.889188	-1.12462	0.0755468	0.113439	-8.81532	0.430011	0.412195	-2.42603	0.443747	0.423558	-2.36095	1.32674	25.434	17.0402	1
cg23479988	ABCB1		0.350445	0.918795	1.08966	1.08966	0.614	0.963379	1.03782	0.64896	1.18505	1.18505	0.215569	0.85986	-1.16292	0.0758511	1.20969	1.20969	0.598852	1.25829	1.25829	0.0231701	0.710748	-1.40703	0.0164499	1.23804	1.23804	0.0495422	1.20786	1.20786	0.415707	1.60787	1.4331	1.32674	1.26496	0.964552	1
cg16769507	METRN		0.350458	0.163361	0.703212	-1.42205	0.388438	0.81123	-1.2327	0.622282	0.889123	-1.1247	0.331226	0.788774	-1.26779	0.821643	1.05489	1.05489	0.775886	0.934678	-1.06989	0.010902	0.510995	-1.95696	0.284559	0.768666	-1.30096	0.870781	0.962203	-1.03928	1.32671	1.17703	0.788601	1
cg07546096	DHX40;DHX40		0.350464	0.142496	0.93107	0.329746	0.93405	1.14305	0.609079	1.88404	1.88404	0.479946	2.44576	2.44576	0.386451	0.336261	-2.97388	0.584287	1.971	0.987093	0.9704	0.23943	9.23945	0.0218964	0.0987056	1.32623	1.32623	0.0156	1.32623	1.32623	0.0156	1.32623	1.32623	0.0156

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. 537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	t(Test)	SS(Test)	SS(Error)	F(Error
cg08145178	PIBF2		0.3503841	2.842044	-1.18795	0.552715	0.08085	-1.01104	0.01283	1.63416	1.63416	0.77781	0.944992	-1.05375	0.976126	0.994477	-1.00555													
cg17217017	VIPR2		0.3504841	0.08189621	0.384009	-2.60411	0.751883	0.854296	-1.17055	0.751887	0.85431	-1.17054	0.248072	0.549038	-1.82117	0.0595546	0.347953	-2.87395												
cg18342288	DIP2C		0.3504844	0.702443	1.31449	1.31449	0.4403798	5.40229	5.40229	0.07169994	4.18954	4.18954	0.756171	1.24844	1.24844	0.984869	0.98658	-1.0136												
cg11313532	KCNB1		0.3504846	0.0695661	1.26.047	126.047	0.4490667	0.285052	2.285052	0.418319	7.18218	0.107226	66.0015	66.0015	0.243622	18.3037	18.3037												
cg14893129	CARD14		0.3504849	0.754654	0.938567	-1.06545	0.813214	0.953257	-1.04003	0.661277	0.914692	-1.09326	0.993725	1.00159	1.00159	0.991108	0.837183	-1.19448												
cg26071755	HTR2C		0.3504853	0.8636369	1.11463	1.11463	0.323388	1.90401	1.90401	0.289472	2.00203	2.00203	0.786078	1.38689	1.38689	0.62719	0.734177	-1.36207												
cg03527802	MAZ;MAZ		0.3504857	0.1145226	0.299034	-3.3441	0.643854	1.3874	1.3874	0.709377	1.30122	1.30122	0.526191	0.636543	-1.57099	0.045613	0.199478	-5.01309												
cg08066132	CBR4		0.3504865	0.4947635	0.929158	-1.07583	0.74237	0.961671	-1.03986	0.741	0.888981	-1.12439	0.255288	0.684211	1.04611	0.649329	0.947152	-1.05582												
cg18636003	NEURL		0.3504868	0.263864	0.532381	-1.83784	0.0611799	6.61522	6.61522	0.279442	2.73741	2.73741	0.632507	1.53952	1.53952	0.323023	0.401013	-2.49369												
cg17382198	STL		0.3504871	0.054807	0.397818	-2.51371	0.419891	1.41732	1.41732	0.400138	1.43979	1.43979	0.977065	1.01224	1.01224	0.718596	1.16548	1.16548												
cg10989981	HLA-DQB1		0.3504873	0.690424	1.44638	1.44638	0.2975996	0.185639	0.185639	0.124125	0.077201	0.509407	-1.96307	0.414639	0.584979	-1.70925	0.903453	0.477582	-1.20588												
cg02770054	ATP4A		0.350389	0.0281002	0.421989	-2.36973	0.485511	0.789975	-1.26586	0.906603	0.96171	-1.03981	0.176164	0.619783	-1.61347	0.754526	0.90092	-1.10998												
cg09354660	ASPA74		0.3504918	0.3084418	0.8881381	-1.12595	0.587887	1.17796	1.07796	0.835052	0.937793	1.06622	0.604092	0.930741	-1.07441	0.501941	1.09801	1.09801												
cg19872923	SYT1;SYT1;SYT1		0.3508896	0.597621	0.743003	-1.39997	0.949004	0.960405	-1.04123	0.73721	1.23704	1.23704	0.518039	0.51273	1.51273	0.02799934	0.194026	5.15396												
cg08576184	C5orf97		0.3508918	0.0980539	0.7406534	-1.35019	0.479568	0.887907	-1.12624	0.858124	1.00305	1.00305	0.746065	0.94766	-1.05513	0.0255503	0.667074	-1.49908												
cg09664216	HDAC4		0.3509053	0.25134	0.838414	-1.19255	0.0423647	0.675548	-1.48029	0.802791	0.958888	1.04287	0.219133	0.808308	-1.24211	0.146902	0.770144	-1.29846												
cg10078645	NCOR2;NCOR2		0.3509307	0.4861093	0.613278	-1.63058	0.115659	0.306824	-3.25919	0.104629	0.29364	-3.40553	0.985972	1.01222	1.01222	0.475917	1.65005	1.65005												
cg16389888	MGAT5		0.3509312	0.933595	1.06921	1.06921	0.0660972	4.78285	4.78285	0.142556	3.30808	3.30808	0.159381	0.319318	-1.13167	0.426988	0.540257	-1.85097												
cg18146506	NOP56;MIR1292;NOP56		0.3509353	0.1100319	0.71873	0.71873	0.53274	0.821643	-1.21707	0.868264	0.948833	-1.05382	0.539813	1.22861	1.22861	0.216003	1.2026	1.2026												
cg08197943	ABCA5		0.3509717	0.321221	1.20182	1.20182	0.0828945	0.708601	-1.41123	0.189095	1.28347	1.28347	0.729888	0.939718	-1.06415	0.843529	0.965171	-1.03609												
cg10528826	PTPN2;PTPN2;PTPN2		0.3509728	0.7606886	1.84794	-1.14638	0.1745009	1.595636	-1.75556	0.241238	1.33453	1.33453	0.122629	0.611243	-1.63601	0.779317	0.930613	-1.08017												
cg10119564	ARHGEF10		0.3509828	0.199941	1.56239	1.56239	0.0433166	2.15095	2.15095	0.0892952	1.85417	1.85417	0.706239	1.1329	1.1329	0.476364	0.787699	-1.26952												
cg24868157	C5orf1;C5orf1;C5orf1		0.3509837	0.2762167	1.21106	1.21106	0.2951996	1.88675	1.88675	0.0955707	2.15467	2.15467	0.387558	0.895316	-1.11692	0.0994988	0.835156	-1.19704												
cg05716567	ZC3H3		0.3509946	0.74339	0.933778	-1.07092	0.0774509	1.50588	1.50588	0.261281	0.783212	-1.27679	0.697961	0.921883	-1.08474	0.857731	0.963265	-1.03814												
cg27520905	DPP6;DPP6		0.3509946	0.0871046	0.17132	-5.83705	0.566448	0.582071	-1.718	0.720372	1.39888	1.39888	0.510855	0.534327	-1.87151	0.110105	0.196668	-5.08471												
cg08552121	TMEM141;TMEM14B		0.3509946	0.28252	0.7940137	-1.25955	0.2423616	0.647558	-1.54407	0.482928	0.800348	-1.24956	0.127466	0.574745	-1.74005	0.0852505	0.459191	-2.17806												
cg21269761	WARS2;WARS2		0.3509947	0.5107359	0.8133205	-1.22018	0.14114	0.648624	-1.54173	0.494899	0.827307	-1.20874	0.869446	0.956002	-1.04602	0.14399	0.650919	-1.53629												
cg15387121	CLIC3		0.3509951	0.6290881	0.8622373	-1.15969	0.720814	0.842249	-1.18646	0.644888	0.831539	-1.20259	0.409503	0.739181	-1.35256	0.129108	0.364007	-2.74634												
cg21850239	POLR2G		0.3509954	0.316704	0.786064	-1.27216	0.3267705	0.790235	-1.26545	0.474555	0.844408	-1.18426	0.389391	0.814548	-1.22767	0.351542	1.24977	1.24977												
cg14397775	SART1		0.3509957	0.695346	1.14148	1.14148	0.472633	0.782231	-1.27839	0.493297	0.791429	-1.26354	0.965251	1.01475	1.01475	0.113935	1.72754	1.72754												
cg09545158	SLC38A0		0.3509961	0.6290881	0.8622373	-1.15969	0.720814	0.842342	-1.18651	0.644888	0.831539	-1.20259	0.409503	0.739181	-1.35256	0.129108	0.364007	-2.74634												
cg16353361	APLN		0.3509978	0.368807	0.5785158	-1.72844	0.626406	1.33754	1.33754	0.601428	1.36676	1.36676	0.212615	0.459211	-2.17765	0.149831	0.400448	-2.4972												
cg21163015	EHMT1;FLJ40292;EHMT1		0.3510086	0.8573393	1.11795	1.11795	0.3542452	1.98452	1.98452	0.0642004	1.64555	1.64555	0.323164	0.607988	-1.64504	0.0855988	0.853155	-1.17214												
cg09933345	CHIA;CHIA		0.3509987	0.73358	0.89016	-1.12339	0.0745547	0.50836	-1.96711	0.0782923	0.513676	-1.94674	0.170775	0.608506	-1.64337	0.542818	0.810752	-1.23342												
cg03068346	PFKP		0.3510095	0.427081	0.700297	-1.42797	0.0191305	0.287738	-3.47538	0.665432	0.826019	-1.21063	0.737784	1.15907	1.15907	0.170736	1.16321	1.16321												
cg12771627	PIKFYVE;PIKFYVE		0.3509995	0.73582	1.10256	1.10256	0.2987986	1.02167	1.02167	0.27616	1.6774	1.6774	0.437482	1.10224	1.10224	0.219872	0.956408	-1.04537												
cg09421092	RPL23A;SNORD42B		0.3510099	0.993283	0.994457	-1.00557	0.8942274	0.915957	-1.09175	0.865442	1.11848	1.11848	0.199495	0.408631	-2.44719	0.0240789	0.169269	-5.90774												
cg16029168	GSPC1;GSPC3;GSPC3		0.3510003	0.11057	0.8954611	-1.11675	0.7208514	0.925449	-1.08051	0.964161	1.06198	1.06198	0.840206	0.96676	-1.03484	0.0422987	0.597884	-1.67262												
cg17697381	GYG1		0.3510005	0.125352	0.75394	-1.32636	0.416467	0.11588	1.15188	0.818193	1.03998	1.03998	0.571994	1.10229	1.10229	0.757435	1.05464	1.05464												
cg14008050	B4GALT1		0.3510011	0.755426	0.8850115	-1.12992	0.171506	1.76667	1.76667	0.407217	0.717894	-1.39296	0.29348	0.653115	-1.53113	0.412248	1.38782	1.38782												
cg14580225	ZNF618		0.3510026	0.1328205	0.7884355	-1.26837	0.6726596	0.915056	-1.09255	0.563563	0.811542	-1.23242	0.167665	0.389144	-2.57077	0.0465653	0.277442	-3.60515												
cg07055681	NIPA1;NIPA1		0.3510016	0.5608067	0.89833	-1.11335	0.4448889	0.656783	-1.52257	0.513769	1.1283	1.1283	0.280338	0.814999	-1.22699	0.555603	0.897025	1.1148												
cg07116337	NOSTRIN;NOSTRIN;NOSTRIN;NOSTRIN		0.3510019	0.0654173	0.717286	-1.39414	0.878287	1.02493	1.02493	0.33752	0.85311	-1.17218	0.84362	1.03224	1.03224	0.262185	0.82874	-1.20665												
cg18759960	PTF1A		0.351102	0.119152	1.38324	1.38324	0.774768	0.946452	-1.05658	0.264229	1.25011	1.25011	0.362524	1.19675	1.19675	0.164708	1.32519	1.32519												
cg14756332	44;C5orf44;C5orf44		0.35102	0.147116	1.6857	1.6857	0.270822	1.46931	1.46931	0.915726	1.03617	1.03617	0.898756	1.04365	1.04365	0.296979	0.695647	-1.43751												
cg14102272	CLK1;CLK1;CLK1;CLK1;CLK1;CLK1		0.3510024	0.1753625	1.13476	1.13476	0.6004472	1.37423	1.37423	0.272792	1.13796	1.13796	0.518215	1.27647	1.27647	0.0424505	0.842035	-1.19018												
cg15147084	CCT6A;PSPH;CCT6A		0.3510031	0.2723004	0.692646	-1.44374	0.0509476	0.04333	-2.04333	0.374716	1.3402	1.3402	0.487353	0.7970092	-1.25456	0.282226	0.698277	1.4321												
cg09409061	KIF26B		0.3510054	0.4913251	0.6451004	-1.22188	0.2988686	1.11402	1.11402	0.210676	1.46188	1.46188	0.108227	0.604315	-1.65449	0.0950586	0.550443	-1.81664												
cg13434312	PTCHD2		0.3510063	0.135964	1.54287	1.54287	0.606838	0.568303	-1.75935	0.454775	0.736358	-1.35786	0.106765	0.361641	2.76831	0.0944482	1.00555	0.0548396	1.79994	1.79994										
cg24312771	1;6R;1L6R;1L6R;1L6R		0.351038	0.622846	1.17957	1.17957	0.785945	1.09493	1.09493	0.30639	0.702854	-1.42277	0.747299	1.11372	1.11372	0.0213963	0.93808	-2.51206												
cg01693108	SRPK1		0.3510064	0.6514403	1.18.044	1.18.044	0.7918248	1.19415	1.19415	0.239403	1.12656	1.12656	0.445045	0.888078	-1.1249	0.0422249	0.613028	-1.63125												
cg15032755	SNORD116-10;SNORD116-9;SNORD116- 3		0.351045	0.224215	0.659387	-1.51656	0.0565509	0.494568	-2.02197	0.800255	0.920633	-1.08621	0.900157	0.959886	-1.04179	0.614844	0.847484	-1.17996												
cg25240445	CEBPZ;C2orf56;C2orf56		0.35106	0.08153569	1.5237	1.5237	0.602952	1.12129	1.12129	0.796533	1.05798	1.05798	0.153771	1.14817	1.14817	0.126407	0.697194	-1.43432												
cg18375236	VSTM2B		0.3510062	0.598527	0.796034	-1.25623	0.4106616	0.696806	-1.43512	0.592233	1.26127	1.26127	0.568134	1.28952	1.28952	0.285879	0.623152	-1.60939												
cg01113435	SEMA3G		0.3510063	0.5951682	0.8026171	-1.24584	0.3211311	1.35731	1.35731	0.284961	0.83719	-1.19499	0.493167	0.942625	0.9031812	0.619703	0.183256	-5.45707												
cg13808561	APS;APS;APS;APS		0.3510065	0.5619442	0.858987	-1.16416	0.399266	0.799563	-1.25068	0.801519	0.936793	-1.06747	0.948983	0.983555	-1.01672	0.610597	1.14223	1.14223												
cg09174060	RHBB		0.3510068	0.6514403	1.18.044	1.18.044	0.7918248	1.19415	1.19415	0.239403	1.12656	1.12656	0.445045	0.888078	-1.1249	0.0422249	0.613028	-1.63125												
cg22368619	TJP3		0.3510068	0.517155	1.20731	1.20731	0.180497	0.66501	-1.50374	0.14261	0.635841	-1.57272	0.9178	0.970819	-1.03006	0.798529	1.07613	1.07613												
cg22459517	EPS8L1		0.3510073	0.191922	5.69694	5.69694	0.243958	0.67949	-1.47149	0.35489	0.70595	0.107595	0.458493	2.71924	2.71924	0.353881	3.32735	3.32735												
cg02705248	GCNT1;GCNT1;GCNT1		0.3510084	0.817543	1.16.044	1.16.044	0.7918248	1.19415	1.19415	0.239403	1.12656	1.12656	0.445045	0.888078	-1.1249	0.0422249	0.613028	-1.63125												
cg11140440	FDXR;FDXR		0.3510085	0.1854382	0.7940137	-1.25955	0.2423616	0.647558	-1.54407	0.482928	0.800348	-1.24956	0.127466	0.574745	-1.74005	0.0852505	0.459191	-2.17806												
cg15631690	C2orf80;C2ORF80		0.3510091	0.9065316	1.09164	1.09164	0.2299133	1.34534	1.34534	0.0622324	1.23132	1.23132	0.77164	1.04421	1.04421	0.0702242	1.01807	1.01807												
cg24268646	PRIM1;PRIM1		0.351101	0.26695	0.852075	-1.17361	0.308599	1.15703	1.15703	0.475558	1.10564	1.10564	0.785012	0.96286	-1.03857	0.783147	0.958152	-1.04368												
cg08263099	PRKCG		0.3511034	0.0512137	0.170461	-5.86543	0.14244	3.51303	3.51303	0.434121	1.88892	1.88892	0.557457	1.60445	1.60445	0.714304	1.34044	1.34044												
cg06006573	CBX6		0.3511057	0.832752	1.09164	1.09164	0.2299133	1.34534	1.34534	0.0622324	1.23132	1.23132	0.77164	1.04421	1.04421	0.0702242	1.01807	1.01807												
cg06994580	C1orf187		0.3511118	0.924929	0.96007	-1.04159	0.588928	0.26646	-3.75146	0.0316582	0.637169	-1.56872	0.637166	1.22831	1.22831	0.608969	0.79983	1.25027												
cg08866306	FAM155A		0.3511025	0.4161625	0.6218825	-1.60817	0.415642	0.159159	-6.28896	0.0421943	0.0857167	-2.04201	0.0174044	0.542885	-1.84201	0.0174044	0.6502	-1.53799	0.0174044	0.6502	-1.53799	0.0174044	0.6502	-1.53799	0.0174044	0.6502	-1.53799	-2.14522	0.0233577	0.559627	18.2388
cg22607959	DHX29;SKIV2L2;DHX29		0.3511124	?	?	?	0.78505	1.29006	1.29006	0.6089999	1.61705	1.61705	0.197797	3.55418	3.55418	0.213587	3.38742	3.38742												
cg08644511	GPR157		0.3511129	0.423594	0.654659	-1.52333	0.175072	0.475814	-2.10166	0.381904	0.630129	-1.58698	0.314491	0.585273	-1.7086	0.149032	0.450717	-2.21869												
cg16860694	D5		0.3511132	0.244022	0.314755	-3.17707	0.911509	0.899933	-1.11119	0.895555	1.13265	1.13265	?	?	?	0.110386	0.192043	-5.20715												
cg25998794	PACS2;PACS2		0.3511133	0.953393	1.06708	1.06708	0.1003881	0.79487	-1.25777	0.0616059	0.794582	1.34582	0.0616059	1.34582	1.34582	0.0616059	1.34582	1.34582	0.0616059	1.34582	1.34582	0.0616059	1.34582	1.34582	0.0616059	1.34582	1.34582	4.476575	0.0626521	0.10597	1.10597
cg21590502	GGT7		0.3511149	0.808389	0.956162	-1.04585	0.958743	0.9905	-1.00959	0.458351	1.15117	1.15117	0.463862	1.14748	1.14748	0.217163	1.27071	1.27071												
cg11837417	CLDN10		0.3511149	0.6451354	1.09652	1.09652	0.352512	0.427831	-2.33798	0.0950955	0.650714	-1.53671	0.492842	0.871468	-1.14746	0.0874367	0.688915	-1.4516												
cg25720511	PKIB;PKIB;PKIB		0.351154	0.6788886	0.659779	-1.51529	0.1483681	7.81931	7.81931	0.0822948	4.59452	4.59452	0.936318	0.6546	-1.52731	0.77582	0.776584	-1.28752												
cg19672145	SPRED2;SPRED2		0.3511158	0.792022	0.938032	-1.06606	0.373797	0.24732	0.0424828	0.176038	0.176038	0.76038	0.64328	0.893246	-1.11951	0.741682	0.92305	-1.08336												
cg26887379	DHRS3		0.3511167	0.23344	0.7940134	-1.25955	0.2423616	0.647558	-1.54407	0.482928	0.800348	-1.24956	0.127466	0.574745	-1.74005	0.0852505	0.459191	-2.17806												
cg24082630	ROR1;ROR1		0.3511168	0.3532255	0.5316575	-1.88085	0.300651	0.03625	-2.03625	0.124941	0.326514	-3.06265	0.876963	0.903535	-1.10676	0.168251	0.373925	-2.67433												
cg19524158	ZSWIM3;ACOT8;ZSWIM3		0.351517	0.9947014	0.9854601	-1.01457	0.7678514	0.76124	-1.3253	0.0848888	0.767124	1.30357	0.897627	1.01807	1.01807	0.0422949	0.962364	1.00976	1.01807	1.01807	0.0422949	0.962364	1.00976	1.01807	1.01807	0.0422949	0.962364	1.00976	1.183432	0.0744104	0.107544	1.107544
cg04983606	FAM20B		0.3511529	0.1599658	0.65968	0.659677	0.1379298	1.30582	1.30582	0.0939703	1.33131	1.33131	0.0314859	0.201887	-4.95326	0.0794441	0.21288	-4.69788	0.201887	-4.95326	0.0794441	0.21288	-4.69788	0.201887	-4.95326	0.0794441	0.21288	-4.69788	0.396915	0.173144	0.784173	0.84379
cg09103619	ANKRD34C		0.35118	0.230162	1.65819	1.65819	0.3846451	0.699026	-1.43056	0.508666	1.30909	1.30909	0.596702	0.806920	-1.23927	0.137748	0.526208	-1.90039												
cg07604163	DGKG;DGKG;DGKG;DGKG		0.3511182	0.9737153	1.0284	1.0284	0.1014547	0.762514	-1.31153	0.0848888	0.767124	1.30357	0.897627	1.01807	1.01807	0.0422949	0.962364	1.00976	1.01807	1.01807	0.0422949	0.962364	1.00976	1.01807	1.01807	0.0422949	0.962364	1.00976	1.183432	0.0744104	0.107544	1.107544
cg27549186	TIMP2		0.3511192	0.1619308	0.8286433	-1.20679	0.4858479	-1.12425	0.15019	0.31491	-3.17551	0.147244	0.311895	-3.20621	0.884041	1.11553	1.11553												
cg25883141	CDC151;CDC151;CDC151		0.3511196	0.205622	0.7937397	-1.26.095	0.15934	1.30582	1.30582	0.0939703	0.699058	-1.16409	0.545688	0.899744	-1.11889	0.376704	0.885943	-1.13886												
cg19480261	RNF216;RNF216		0.3511199	0.674998	0.7954743	-1.25711	0.0275489	0.244154	-4.11262	0.0167627	0.440489	-2.27021	0.0375162	0.102704	0.61704	0.781084	0.16316	1.16319												
cg10098570	OTUD5;OTUD5;OTUD5;OTUD5		0.3511203	0.3363044	0.82341	1.82341	0.57494	1.40961	1.40961	0.529206	0.679662	-1.47132	0.640326	0.62075	-1.61095	0.898556	0.925629	-1.08035												
cg21150040	LIMA1;LIMA1		0.3511205	0.634266	1.09207	1.09207	0.3151771	1.27317	1.27317	0.512535	1.12538	1.12538	0.159934	1.31079	1.31079	0.500846	1.02509	1.02509												
cg08244078	USP15		0.351221	0.303088	0.851935	-1.1738	0.614147	1.07936	1.07936	0.492321	1.11044	1.11044	0.91127	0.876382	-1.14106	0.321823	0.857486	-1.1662												
cg19911257	GPR75;LOC100302652		0.3511252	0.532652	1.20208	1.20208	0.1814499	0.16077	-6.21863	0.0198731	0.108871	0.15204	-6.57734	0.0198731	0.108871	0.15204	-6.57734	0.0198731	0.108871	0.15204	-6.57734	0.0198731	0.108871	0.15204	-6.57734	0.0198731	0.108871	0.15204	-6.57734	-2.14897	0.0198731	0.108871	0.15204
cg26386968	C21orf2;KRTAP10-8		0.351223	0.373743	0.543807	-1.83889	0.101808	0.301834	-3.31341	0.37364	0.543732	-1.83914	0.489844	0.626255	-1.59679	0.0916959	0.289708	-3.45175												
cg14283756	HCG27		0.351223	0.146854	0.749838	-1.33362	0.8430373	0.964014	-1.03733	0.263647	0.806167	-1.24044	0.160909	0.762694	-1.31114	0.0504117	0.662009	-1.51035												
cg26780675	TMPO;TMPO;TMPO;LOC100128191		0.351228	0.144644	0.6944	0.6944	0.1388444	0.96403	-1.03684	0.462374	1.39909	1.39909	0.154712	0.790463	-1.26523	0.0976438	0.511161	1.95695												
cg14197156	EGFL7;EGFL7		0.351233	0.695422	1.2081	1.2081	0.160369	0.05562	-2.05562	0.434696	1.44662	1.44662	0.101934	2.36353	2.36353	0.908667	0.946353	-1.05669												
cg10708344	MARCH1;MARCH10		0.351253	0.2454397	0.74821	0.74821	0.2656161	1.22161	1.22161	0.0854455	1.24507	1.24507	0.316624	1.2421	1.2421	0.293107	0.824267	-1.21327												
cg26827938	HELT		0.351237	0.18407	1.1887	1.1887	0.596184	1.0678	1.0678	0.3928851	0.898187	-1.11335	0.461201	1.09639	1.09639	0.627861	1.06176	1.06176												
cg17020834	GRIA1;GRIA1;GRIA1;GRIA1		0.351237	0.925081	0.987516	-1.01285	0.241227	1.18117	1.18117	0.073816	1.31057	1.31057	0.916661	1.01431	1.01431	0.301872	1.15624	1.15624												
cg07821619	CCDC41;CCDC41;LOC144486		0.351243	0.0289019	0.4611	0.4611	0.0921762	2.16582	2.16582	0.0838343	2.15083	2.15083	0.1828	0.466726	2.14256	0.0434302	0.21394	-4.67316												
cg02257793	GLRA1;GLRA1		0.351245	0.212247	0.834509	-1.19831	0.225533	0.839247	-1.19154	0.654941	0.939943	-1.06389	0.679599	1.05885	1.05885	0.2276	0.839966	-1.19052												
cg16381099	NXN		0.351247	0.603384	0.673804	-1.48415	0.2268124	1.12384	1.12384	0.0921948	0.961882	-1.03972	0.902369	0.702623	-1.42317	0.0922669	0.599113	-1.66955												
cg03306486	APC2		0.351274	0.870517	1.1163	1.1163	0.736914	1.25532	1.25532	0.263538	0.457096	-2.18772	0.57534	0.682687	-1.4648	0.421455	0.55052	-1.81652												
cg04156077	WWTR1		0.351278	0.876643	0.827946	-1.20781

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	Ratio(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1221 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26870961	ITM2C;ITM2C;ITM2C	0.351446	0.989342	1.02087	0.102387	0.0726771	0.654545	-1.53717	0.155024	0.722839	-1.38152	0.955588	0.10203	1.03128	0.182147	0.737832	-1.35532	0.895487	0.972175	-1.02862	0.160453	1.37979	1.37979	0.955422	1.03123	1.00123	0.485849	0.953848	-1.16421	1.32419	0.9968808	0.648091	1
cg27009633	3-Mar	0.35145	0.0897038	1.34575	1.34575	0.498884	1.11513	1.11513	0.304027	1.18409	1.18409	0.820794	1.03667	1.03667	0.201715	0.807355	-1.23861	0.223406	0.820109	-1.21935	0.323819	1.17556	1.17556	0.516486	0.900851	-1.11006	0.654992	1.09674	1.09674	1.32418	0.5284412	0.354711	1
cg09650134	ADAP1	0.351451	0.27482	0.777488	-1.28619	0.933122	1.01877	1.01877	0.631278	0.898422	-1.11306	0.361575	1.23091	1.23091	0.477846	0.852266	-1.17334	0.440536	1.19034	1.19034	0.0627373	1.59022	1.59022	0.68289	1.09526	1.09526	0.12864	1.43878	1.43878	1.32417	1.0291	0.6908616	1
cg16612609	MYCBP	0.351468	0.0854264	1.69356	1.22413	0.924027	0.990026	-1.01007	0.831635	1.0229	1.0229	0.173028	0.8570387	-1.16674	0.599255	0.945165	-1.058082	0.144314	0.846369	-1.18154	0.780516	0.970727	-1.03016	0.40534	1.09478	1.09478	0.247682	1.13717	1.13717	1.32413	0.2373233	0.159254	1
cg09239744	GRIN2A;GRIN2A;GRIN2A;GRIN2A	0.351473	0.534295	1.43171	1.43171	0.543335	1.42016	1.42016	0.562067	1.39688	1.39688	0.380137	0.6038444	-1.65606	0.913663	0.940036	-1.06379	0.585862	1.36847	1.36847	0.523348	1.44598	1.44598	0.0160976	0.36153	5.36153	0.843871	0.893661	-1.11899	1.32412	0.618781	4.57683	1
cg24262715	PDIA3;CATSPER3P1	0.351474	0.525978	0.876447	-1.14097	0.142035	0.723273	-1.3826	0.361622	0.824931	-1.21222	0.734617	0.932553	-1.07233	0.0711331	1.51248	1.51248	0.512123	1.1462	1.1462	0.624459	1.10656	1.10656	0.554691	0.884587	-1.13047	0.272293	0.790957	-1.26429	1.32412	0.8883294	0.592061	1
cg27507681	VSTM2L	0.351475	0.774198	0.922584	-1.08391	0.475844	1.2252	1.2252	0.268403	1.38115	1.38115	0.524212	1.19817	1.19817	0.186598	0.675573	-1.48022	0.508053	0.612446	-1.6328	0.231307	0.7034881	-1.4215	0.757127	0.916771	-1.09078	0.303338	1.34804	1.34804	1.32411	1.64561	1.10471	1
cg02636234	ATF3;ATF3;ATF3	0.351476	0.950166	0.985652	-1.01456	0.170843	1.40103	1.40103	0.154074	1.31705	1.31705	0.662461	1.1009	1.1009	0.731784	1.082317	1.082317	0.789403	1.06385	1.06385	0.456319	0.9397744	-1.19088	0.0182871	1.82027	1.82027	0.629576	0.8926533	-1.12028	1.32411	1.12128	0.75273	1
cg13840188	ISM1	0.351477	0.627353	0.927758	-1.07797	0.0349297	1.45849	1.45849	0.350629	1.15865	1.15865	0.668844	0.994039	-1.006	0.955829	1.05965	-1.06846	0.616764	1.08041	1.08041	0.151351	0.790054	-1.26574	0.829279	1.03365	1.03365	0.756388	0.953421	-1.04885	1.32411	0.4926598	0.330754	1
cg19981475	ACSS3	0.351478	0.0984704	0.245341	-4.07596	0.731431	1.30624	1.30624	0.650794	1.42383	1.42383	0.349911	0.474231	-2.10877	0.0373744	0.153617	-6.5097	0.254625	0.39759	-2.51516	0.622594	0.6806721	-1.46914	0.433037	0.53774	-1.85963	0.408841	0.519425	-1.9252	1.32411	12.6092	8.46469	1
cg04646419	ANO7;ANO7	0.351481	0.2254821	0.408534	-2.44805	0.206777	0.2254821	2.44805	0.216711	0.8076051	-1.23823	0.471912	0.881316	-1.13479	0.557457	0.941213	-1.06245	0.581445	0.721448	-1.3861	0.482739	0.324081	-3.08565	0.157457	0.431184	-2.31919	0.947129	1.03965	1.03965	1.3241	1.72702	4.84068	1
cg18549547	SULT2B1	0.351487	0.0609564	0.433155	-2.30864	0.259178	0.627852	-1.59273	0.478551	0.752116	-1.32958	0.3814403	0.701211	-1.4261	0.108626	0.5005595	-1.99762	0.453719	0.739503	-1.35226	0.0959778	0.4853592	-2.06036	0.11654	0.5095515	-1.96265	0.387192	0.70436	-1.41973	1.32408	3.27856	2.20098	1
cg09737652	FCCA;PCCA	0.351489	0.147286	0.274133	-3.64521	0.245102	2.74926	2.74926	0.502922	1.56623	1.56623	0.476848	0.54792	-1.82509	0.0520824	0.159114	-6.29482	0.592059	0.636475	-1.57115	0.61346	1.52755	1.52755	0.823003	1.20548	1.20548	0.477215	0.548127	-1.8244	1.32405	14.507	9.79914	1
cg22455963	HS6ST2;HS6ST2	0.351494	0.517644	0.659162	-1.51708	0.99728	0.422819	-2.36508	0.788872	0.843215	-1.18594	0.167898	0.393034	-2.54431	0.0367421	0.1	-6.67289	0.702692	1.27593	1.27593	0.876666	0.90603	-1.10372	0.832436	0.8740444	-1.14411	0.116445	0.338271	-2.95621	1.32405	8.4663	5.68377	1
cg14910296	CD276;CD276	0.351506	0.150685	0.419751	-2.38237	0.479515	1.49948	1.49948	0.607626	0.74685	-1.33896	0.835024	1.12472	1.12472	0.72636	0.82035	-1.21899	0.363072	1.69355	1.69355	0.0341646	0.2483115	-4.02714	0.878549	1.09	1.09	0.515671	0.689715	-1.44987	1.32403	6.66079	4.47171	1
cg05140231	CDH4	0.351512	0.328345	0.84648	-1.18136	0.426561	1.14346	1.14346	0.140157	1.29063	1.29063	0.760945	1.05821	1.05821	0.710375	1.06353	1.06353	0.0552685	1.4316	1.4316	0.156887	1.09974	1.09974	0.502204	0.8893636	-1.11902	0.204314	1.24756	1.24756	1.32402	0.571764	0.383857	1
cg08846783	ZNF167;ZNF167	0.351517	0.20728	0.671891	-1.48834	0.0845048	1.76932	1.76932	0.290816	1.3879	1.3879	0.892993	1.0413	1.0413	0.295674	0.723056	-1.38302	0.632725	0.865913	-1.15485	0.199201	0.6665556	-1.50025	0.649373	1.14667	1.14667	0.876967	0.95473	-1.04742	1.32401	1.87497	1.25878	1
cg00021343	DTNBP1;DTNBP1;DTNBP1	0.351517	0.228063	0.75363	-1.32614	0.0360854	0.908403	-1.10084	0.491478	0.8553735	-1.16908	0.928373	0.0203	1.0203	0.663241	0.626851	-1.59528	0.51099	1.16073	1.16073	0.0102783	1.490443	1.490443	0.758624	0.91341	-1.07134	0.915066	0.976432	-1.02414	1.3401	1.04807	0.703639	1
cg14211983	RORC1	0.351557	0.57093	0.8502229	-1.17615	0.0859571	0.584149	-1.71189	0.84806	0.8405586	-1.18955	0.6408118	0.855735	-1.16938	0.325894	0.5244448	-1.90755	0.462893	1.23609	1.23609	0.0677245	1.78567	1.78567	0.742159	0.910705	-1.09805	0.907573	0.96743	-1.03345	1.3401	1.63417	1.13002	1
cg24039391	ZNF746;ZNF746	0.351518	0.435406	1.22962	1.22962	0.0981821	1.60187	1.60187	0.0524043	1.77356	1.77356	0.429318	1.23315	1.23315	0.342264	1.28939	1.28939	0.516337	1.18641	1.18641	0.622205	1.1377	1.1377	0.211418	1.40773	1.40773	0.0699123	1.69287	1.69287	1.324	1.141482	0.949863	1
cg19778810	SCIS;FKBP10;FKBP10	0.351519	0.220359	0.790225	-1.26502	0.0499352	0.84284	-1.1516	0.554842	1.14686	1.14686	0.188876	0.523206	-1.91129	0.291906	0.773589	-1.2924	0.217413	0.387626	2.58001	0.115941	0.2857122	-3.49284	0.0178222	0.0795585	-12.5684	0.124256	0.296536	-3.37227	1.324	11.8843	7.50877	1
cg15170697	RNF126	0.35152	0.284868	0.803456	-1.24462	0.174173	0.752183	-1.32946	0.441739	0.856822	-1.1671	0.383038	1.1927	1.1927	0.59739	0.900445	-1.11056	0.43439	1.17014	1.17014	0.0773981	1.472416	1.472416	0.450713	0.8595513	-1.16345	0.980371	0.02302	1.02302	1.324	0.813738	0.546317	1
cg00107059	SRD5	0.351517	0.1311517	0.745445	-1.34171	0.0145786	1.78736	1.78736	0.144477	0.6022322	1.66051	0.0188188	0.0027506	3.63706	0.0019842	0.1817779	-5.50346	0.9834621	1.01787	1.01787	0.733982	0.7221	1.38457	0.0731	0.6944859	0.85675	-1.14058	0.19094	0.6672798	-1.48061	1.32407	0.6672798	0.504202	1
cg05684406	SLC7A4	0.351525	0.785626	1.25988	1.25988	0.0391673	1.55621	1.55621	0.472225	0.538172	-1.85814	0.179744	1.34454	1.34454	0.374018	0.46153	-2.16671	0.445045	1.93417	1.93417	0.623103	0.657224	-1.52155	0.585101	0.626791	-1.59543	0.763676	1.29111	1.29111	1.32398	15.0555	10.1078	1
cg17316784	LGI3	0.351531	0.267926	1.51023	1.51023	0.372831	0.721197	-1.38658	0.959683	0.6480551	-2.15652	0.776671	1.10694	1.10694	0.689771	1.15412	1.15412	0.440847	1.32418	1.32418	0.172517	1.67981	1.67981	0.986779	1.00594	1.00594	0.444142	1.32141	1.32141	1.32397	2.67608	1.79667	1
cg07732597	TUBB	0.351538	0.0490112	0.681944	-1.46704	0.0407114	0.743786	-1.34471	0.0834033	0.4934955	2.02705	0.0864848	0.0912206	10.9595	0.0739944	0.4450936	-2.24668	0.4810551	1.93457	1.93457	0.0139644	0.5184972	1.92926	0.0205607	0.0703995	1.92957	0.0205607	0.0497805	1.94271	1.94271	2.09005	1.40324	1.07481	1
cg07644939	SNED1	0.351538	0.437938	1.33782	1.33782	0.725811	1.13828	1.13828	0.938402	1.02884	1.02884	0.0743067	0.07819	0.078119	0.136518	1.80408	1.80408	0.119623	1.86112	1.86112	0.775457	1.11093	1.11093	0.347248	1.42763	1.42763	0.0653285	2.14114	2.14114	1.32395	2.83719	1.90486	1
cg21309035	MOXD1	0.351541	0.897743	1.09214	1.09214	0.0378585	1.09256	-1.25606	0.959681	0.68948	-1.45037	0.881222	1.22117	1.22117	0.26136	0.768614	-1.30104	0.641216	1.72408	1.72408	0.0257455	1.27217	1.27217	0.702356	1.10033	1.10033	0.139651	1.33965	1.33965	1.32394	9.85302	6.61526	1
cg24652615	TMEM151B	0.351547	0.215886	2.36797	2.36797	0.114355	1.12678	1.12678	0.427969	1.70852	1.70852	0.140538	2.85571	2.85571	0.189002	2.51186	2.51186	0.318642	1.97818	1.97818	0.093523	3.39001	3.39001	0.0741	2.60382	2.60382	0.0345346	3.76997	3.76997	1.32393	2.18536	1.16707	1
cg21753290	ACTR5	0.351553	0.217127	0.782263	-1.27834	0.0851535	1.43325	1.43325	0.405446	0.851326	-1.17464	0.353797	1.19771	1.19771	0.874751	1.03028	1.03028	0.73152	0.936946	-1.0673	0.603443	1.10418	1.10418	0.442739	1.15951	1.15951	0.123818	1.37051	1.37051	1.32391	0.749826	0.503441	1
cg10443583	MSRA;MSRA;MSRA	0.351553	0.0207359	1.75002	1.75002	0.0138667	1.07297	1.07297	0.769266	1.33241	1.33241	0.0913744	0.0102	1.0102	0.0134482	1.0102	1.0102	0.0102727	1.26702	1.26702	0.0198114	0.6678606	-1.00133	0.754445	0.8404085	-1.18979	0.647065	0.771128	1.29655	1.3291	0.8404085	0.446816	1
cg07328699	SAT82	0.351559	0.904591	1.03715	1.03715	0.137762	1.62606	1.62606	0.0830082	1.79292	1.79292	0.722098	1.11475	1.11475	0.461568	0.798396	-1.25251	0.938543	1.30072	1.30072	0.455422	1.26017	1.26017	0.150263	0.6255578	-1.59852	0.900476	0.962658	-1.03879	1.3239	1.94005	1.30258	1
cg09384610	RPH3A;RPH3A	0.35156	0.405965	0.798237	-1.25276	0.906001	1.00313	1.00313	0.245503	1.37884	1.37884	0.487991	1.20533	1.20533	0.114983	0.6349	-1.57505	0.353844	1.28769	1.28769	0.324175	1.30081	1.30081	0.155957	0.6687752	-1.49532	0.661069	1.12405	1.12405	1.3239	1.47312	0.98808	1
cg12245706	DYSF;DYSF;DYSF;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg04257913	KIF26A		0.351954	1.49203	1.40293	1.848294	1.07352	1.07352	0.967833	0.985173	1.02505	0.943993	1.4189	1.43075	0.743509	0.885478	-1.12933		0.679739	1.657469	-1.16622	0.365394	1.41129	1.41129	0.192318	0.599779	-1.66728	0.0382487	2.43412	2.43412	1.32289	2.87498	1.93178	1
cg00299943	L3MBTL2		0.351954	0.240346	-2.86495	0.920858	0.920165	-1.08676	0.133309	0.257742	-3.87884	0.613774	0.653067	-1.53124	0.199189	0.321181	3.11351		0.9533	1.05025	1.05025	0.32559	0.427495	-2.39321	0.0866454	4.87667	4.87667	0.9725115	0.971567	-1.02927	1.32289	14.686	9.86792	1
cg04016660	KIAA0513		0.351956	0.81006	0.850392	-1.17593	0.130721	0.333413	-2.99929	0.276865	2.14081	2.14081	0.662451	1.34397	1.34397	0.437494	0.586809	-1.70413		0.20777	0.409028	-2.44482	0.105845	0.3045565	-3.28337	0.158742	0.362819	-2.7562	0.739551	0.799166	-1.2513	1.32289	9.49048	6.37695	1
cg02634492	MGMT		0.351966	0.675391	0.835272	-1.19721	0.451052	1.38876	1.38876	0.591443	0.793164	-1.26077	0.4315553	0.709415	-1.40961	0.0441123	0.371897	-2.68891		0.425566	1.41621	1.41621	0.116945	0.4826288	-2.07173	0.87684	0.9193825	-1.08358	0.326536	0.648431	-1.54218	1.32286	3.83204	2.57402	1
cg18609025	FGFR1;FGFR1L;FGFRL1		0.351974	0.563222	0.695369	-1.43808	0.0439973	0.237212	-4.21564	0.142041	0.374825	2.66791	0.36762	1.85091	1.85091	0.932402	2.66201	0.601015	-1.66385		0.428436	0.604981	-1.65295	0.46336	0.628751	1.45127	1.49127	1.32284	8.09651	5.44049	1
cg09473847	PAK4;SNAP29		0.352	0.823122	0.980557	-1.01983	0.990382	1.00106	1.00106	0.800079	1.0225	1.0225	0.335344	0.916559	-1.09104	0.317156	2.0949	1.33	0.0615339	1.20286	1.20286	0.208141	0.890133	-1.12343	0.246833	1.11205	1.11205	0.55712	0.949257	-1.05346	1.3277	0.161131	0.108278	1
cg02609279	ITGA4		0.352003	0.427161	0.710421	-1.40762	0.110559	0.480372	-2.08172	0.20763	0.57102	-1.75125	0.31098	0.642713	-1.5559	0.385102	0.686937	-1.45574		0.621868	0.810871	-1.23324	0.824532	1.08617	1.09817	0.127761	2.00251	2.00251	0.240802	0.595799	-1.67842	1.32277	3.72557	2.50356	1
cg02668883	RAPGEF2		0.352008	0.332748	1.59461	1.94863	0.637943	1.37227	1.37227	0.62629	1.07629	1.07629	0.374502	1.82786	1.82786	0.296386	2.06037		0.324792	1.9717	1.9717	0.0151928	7.29878	7.29878	0.446486	1.67881	1.67881	0.264484	2.17389	2.17389	1.32275	9.31876	6.27564	1
cg04503194	RPS11		0.352008	0.351201	0.68712	-1.45535	0.277084	1.55597	1.55597	0.3057	1.660482	-1.51405	0.5521983	1.49031	1.49031	0.197487	0.490387	-2.03671		0.464391	0.74689	-1.33888	0.237272	0.616172	-1.62292	0.130828	0.528321	-1.89279	0.158574	0.554653	-1.80293	1.32275	3.20433	2.1533	1
cg20295816	MBOAT2		0.352008	0.302651	0.845441	-1.18282	0.112313	0.761971	-1.31239	0.854866	1.02921	1.02921	0.207592	1.23239	1.23239	0.581042	0.916085	-1.0916		0.320858	1.17501	1.17501	0.176777	1.25329	1.25329	0.600153	0.920197	-1.08672	0.507708	0.899719	-1.11146	1.32275	0.51798	0.348082	1
cg12159836	AIF1		0.352017	0.150617	1.40293	1.94863	0.637943	1.37227	1.37227	0.62629	1.07154	1.07154	0.188577	1.62768	1.62768	0.129115	2.40911		0.0954495	2.71404	2.71404	0.0393555	9.18044	9.18044	0.739955	1.29772	1.29772	0.382664	1.64877	-1.17818	0.153877	0.755523	0.609265	0.472601	1
cg20299247	EIF2C2;EIF2C2		0.352023	0.842054	1.04526	1.04526	0.213886	1.33688	1.33688	0.120164	1.45353	1.45353	0.798355	1.07721	1.07721	0.743366	1.55444		0.176242	1.35772	1.35772	0.0623127	1.59281	1.59281	0.157615	1.57667	1.57667	0.133486	1.07877	1.07877	1.32272	1.03101	0.692859	1
cg20990474	BCAS4;BCAS4;BCAS4		0.352023	0.145837	0.480671	-2.08049	0.649117	0.806833	-1.23941	0.08919618	0.406652	-2.46099	0.278704	0.876193	-1.1413	0.899193	0.937056	-1.06713		0.217644	0.54184	-1.84594	0.183761	0.371693	-2.69079	0.0997509	0.2617455	-3.82035	0.0373507	0.1962798	-5.09599	0.0119264	0.0015307	-12.1258	1.32272	4.61094	3.00863	1
cg00622447	CBS		0.352027	0.817246	1.03767	1.03768	0.225156	1.22574	1.22574	0.0241998	1.53629	1.53629	0.761141	1.04992	1.04992	0.0944734	1.14318	1.14318		0.784018	1.04488	1.04488	0.96275	1.00749	-1.00749	0.918297	0.983739	-1.01653	0.454254	1.12052	1.12052	1.32272	0.5348801	0.359399	1
cg01905837	CCDC109B		0.352028	0.712842	0.936941	-1.0673	0.0216227	1.62574	1.62574	0.211956	1.25653	1.25653	0.3973	0.85837	-1.165	0.848804	1.0342	1.0342		0.997318	1.00059	1.00059	0.840859	0.965195	-1.03606	0.762876	1.05476	1.05476	0.467177	1.13924	1.13924	1.3227	0.6504402	0.437086	1
cg06469110	DNAJB6		0.352029	0.242751	0.768686	-1.30128	0.179182	0.610655	-1.63786	0.0102661	0.60231	1.66231	0.667376	1.59169	1.59169	0.189282	2.04258	1.4	0.858743	0.820691	-1.21912	0.192228	0.226749	-4.41016	0.840866	0.805613	-1.24126	0.362722	0.365787	-2.73381	1.3227	24.2115	16.2707	1
cg05122190	SLITRK4		0.35203	0.230452	0.508107	-1.96809	0.605004	0.755182	-1.32418	0.452113	0.662153	-1.51022	0.203712	0.485795	-2.05848	0.0480752	0.296425	-3.37354		0.717872	0.822616	-1.21563	0.078939	0.349977	-2.85733	0.746494	1.1907	1.19072	0.231443	0.508909	-1.96499	1.3227	6.06727	4.07737	1
cg27326514	STMN2		0.352034	0.540806	1.53718	1.522718	0.2242156	0.28165	0.281685	0.279967	2.15574	2.15574	0.34275	0.512474	-1.95132	0.497517	0.624345	-1.60168		0.726978	1.27091	1.27091	0.743492	1.25179	1.25179	0.595158	0.837742	-1.19454	0.915422	0.946085	-1.05699	1.32269	9.7987	6.58504	1
cg15721089	PRDM15;PRDM15		0.352041	0.96682	0.638895	-1.56512	0.0266355	1.91341	1.91341	0.163981	1.31984	1.31984	0.0618961	1.33389	1.33389	0.0502093	1.50544	1.5	0.858743	0.820691	-1.21912	0.192228	0.226749	-4.41016	0.840866	0.805613	-1.24126	0.362722	0.365787	-2.73381	1.3227	1.26566	0.850578	1
cg14831317	AQR		0.352048	0.126261	0.480476	-2.08127	0.39675	0.680783	-1.4689	0.130211	0.484696	-2.06315	0.382562	1.48703	1.48703	7	7	7		0.995189	1.00268	1.00268	0.790725	0.888831	-1.12507	0.0870886	0.432943	-2.30977	0.466147	0.719924	-1.38904	1.31981	3.64795	2.76399	1
cg00171459	FBXL18		0.352053	0.270725	1.49805	1.49805	0.31447	0.508558	0.512289	0.788685	-1.35376	0.3915	1.22434	1.22434	1.23267	1.13447	1.13447		0.16936	1.40147	1.40147	0.0516386	1.66649	1.66649	0.494636	1.17257	1.17257	0.969871	1.00875	1.00875	1.32264	1.11337	0.748247	1
cg23928868	DIS3;DIS3;PIBF1;PIBF1		0.352053	0.523877	0.91484	1.09484	0.527668	1.09391	1.09391	0.128949	1.25878	1.25878	0.843951	0.971053	-1.02981	0.910141	0.910546	-1.09824		0.565582	0.921759	-1.08488	0.321817	0.866263	-1.15438	0.0617118	0.748905	-1.3352	0.392175	0.884294	-1.13085	1.32264	0.412126	0.276995	1
cg18507707	GABBR2		0.352053	0.56568	0.782578	-1.27781	0.174362	0.543321	1.84053	0.174362	0.855571	1.16854	0.855571	0.499798	2.00081	0.188561	0.499798	2.00081		0.829591	0.824561	-1.21292	0.0615241	0.186753	0.535839	-1.86604	0.0178911	0.0025809	-19.3744	0.0001962	-3.87255	1.32264	1.37929	1.14	0.0139062	1
cg06759971	KIAA0513 FGFR2;FGFR2;FGFR2;FGFR2;FGF2		0.352057	0.50701	0.714922	-1.39875	0.0742717	0.69526	0.695626	0.516798	1.38773	1.38773	0.651385	0.797121	-1.25451	0.155381	0.468649	-2.13379		0.203673	1.95194	1.95194	0.780018	0.869725	-1.14979	0.508499	1.39706	1.39706	0.513128	0.718473	-1.39184	1.32263	5.20567	3.49854	1
cg18566515	R2		0.352059	0.631009	0.632622	-1.58072	0.374593	0.101183	-9.82028	0.0843396	0.164208	-6.08983	0.508465	1.88643	1.88643	0.499478	0.523002	-1.91204		0.539154	0.55529	-1.80086	0.493125	0.517605	-1.93197	0.556375	1.75578	1.75578	0.382565	0.839672	-1.19094	1.32262	18.7524	12.6029	1
cg12784766	CYTH1;CYTH1		0.35206	0.985673	1.00595	1.00595	0.357657	1.36693	1.36693	0.815694	0.925751	-1.0802	0.823161	1.07676	1.07676	0.299536	0.70099	-1.42655		0.658025	1.1581	1.1581	0.143909	1.68	1.68	0.0628376	1.99692	1.99692	0.134228	1.70511	1.70511	1.32262	2.28705	1.53705	1
cg23737227	FAM58		0.352077	0.065892	0.812274	1.23126	0.0441	1.31316	1.31316	0.0441	1.25416	1.25416	0.0429	1.78368	1.78368	0.0294	2.10127		0.264398	1.30075	1.30075	0.688635	0.913012	-1.09528	0.61763	1.12043	1.12043	0.695758	1.51188	1.51188	1.32256	1.66925	0.719619	1
cg21367826	BEGAIN;BEGAIN		0.352088	0.758694	0.94871	-1.05388	0.652605	0.925723	-1.08024	0.564346	0.905515	-1.10434	0.0710365	1.40987	1.40987	0.175189	1.27803	1.27803		0.503903	1.02246	1.02246	0.179796	1.27463	1.27463	0.641178	0.923166	-1.08323	0.334054	0.843919	-1.18495	1.32255	0.607679	0.408423	1
cg21264472	RGS20;RGS20		0.3521	0.230654	0.702614	-1.42326	0.49605	0.824005	-1.21359	0.0683391	0.563936	-1.77325	0.411491	1.2658	1.2658	0.987835	1.00429	1.00429		0.589598	0.858257	-1.16515	0.759927	0.91757	-1.08983	0.0537998	0.504876	-1.84885	0.245418	0.795394	-1.25724	1.32252	1.6501	1.10906	1
cg05844713	ZNF318;ZNF398		0.352103	0.781081	0.944124	-1.05931	0.708267	0.82141	-1.05401	0.754588	1.08944	1.08944	0.657907	1.13308	1.13308	0.479137	1.23308	1.23308		0.451805	1.1286	1.1286	0.377777	0.948318	-1.05426	0.661562	1.58223	1.58223	0.122572	1.90539	1.90539	1.32252	0.866576	0.566356	1
cg03703242	GAUNT2		0.352123	0.043454	0.526699	-1.89862	0.509262	0.831237	-1.20303	0.611271	1.15202	1.15202	0.935038	0.977745	-1.02276	0.946379	0.807117	-1.23898		0.426273	0.799088	-1.25143	0.419648	0.796402	-1.25565	0.160599	1.51255	1.51255	0.373307	0.777164	-1.28673	1.32246	1.59648	1.07307	1
cg19416094	ZNF16;ZNF16		0.352126	0.545631	0.779824	-1.28236	0.0923	0.813775	1.23015	0.0923	1.58567	1.58567	0.188822	1.68687	1.68687	0.112526	1.83757	1.83757		0.259091	0.624561	-1.60161	0.0407367	0.4995	0.4995	0.0438884	0.0495	0.0495	0.0438884	0.0495	0.0495	1.32246	0.0495	0.0495	1
cg08182175	ADAMTS8		0.352126	0.525193	1.36179	1.36179	0.140034	0.466968	-2.14147	0.153809	0.480776	-2.07997	0.77897	1.14448	1.14448	0.209675	1.88536	1.88536		0.193582	1.93436	1.93436	0.285392	1.70262	1.70262	0.996843	1.0019	1.0019	0.919246	1.04984	1.04984	1.32245	1.81799	3.23842	1
cg21480264	POLN		0.352126	0.115389	1.68452	-5.93641	0.305576	0.331574	-3.01592	0.977325	0.979085	-1.02002	0.608233	0.583917	-1.71257	0.120616	0.173472	-5.76463		0.231137	0.270626	-3.69513	0.141917	0.193369	-5.17145	0.0777221	0.130016	-7.69133	0.0178555	0.233619	-4.28048	1.32245	22.6786	15.2415	1
cg14139870	MAML3;MAML3		0.35213	0.546581	0.782578	-1.27781	0.174362	0.543321	1.84053	0.174362	0.855571	1.1687	0.855571	0.499798	2.00081	0.188561	0.499798	2.00081		0.161052	0.744451	-1.34301	0.0317367	0.39282	-2.54611	0.0178911	0.0025809	-19.3744	0.0001962	-3.87255	1.32242	1.14272	1.32244	0.8139971	0.547116	1
cg05949640	FAM193A		0.35213	0.649858	0.640365	-1.56161	0.719456	1.42158	1.42158	0.265326	1.31021	1.31021	0.533146	1.85077	1.85077	0.150689	0.222644	4.49147		0.721437	0.705284	-1.41787	0.0525944	0.116582	-8.57765	0.940586	1.07541	1.07541	0.276291	0.331399	-3.01751	1.32244	19.9215	13.3904	1
cg19152194	CKIP-1		0.35213	0.528344	0.80215	1.24586	0.495265	0.804636	1.24318	0.233056	0.464158	-2.16647	0.0868292	0.308898	-3.23766	0.0324742	0.307572	-3.25106		0.480302	0.64039	-1.56155	0.103765	0.332862	-3.00434	0.0349307	0.507532	-1.97032	0.0144004	0.3045937	-3.28355	1.32242	2.48547	1.62302	1
cg21854860	PPP2R2C;PPP2R2C		0.352143	0.622101	0.765385	-1.28769	0.0446132	1.23351	1.23351	0.225963	1.91005	1.91005	0.673984	0.806262	-1.24029	0.96926	0.980579	-1.01981		0.679024	0.809144	-1.23587	0.105593	0.245912	-4.26957	0.996376	1.55495	1.55495	0.909297	1.05972	1.05972	1.32241	0.4523	0.364669	1
cg03443143	TSPY4;FAM197Y2		0.352143	0.704163	1.56144	1.56144	0.979589	0.970559	-1.03033	0.783744	1.37898	1.37898	0.0665905	0.0904719	-11.0532	0.107271	0.128291	-7.79478		0.670543	1.64846	1.64846	0.193816	0.200707	-4.98238	0.419365	0.381451	-2.62157	0.180143	0.189641	-5.27312	1.32241	28.5764	19.2083	1
cg18686547	FMNL2		0.352146	0.329427	1.16055	1.16055	0.429396	0.80416	1.53748	0.233056	0.464158	-2.16647	0.0868292	0.308898	-3.23766	0.0324742	0.307572	-3.25106		0.480302	0.64039	-1.56155	0.103765	0.332862	-3.00434	0.349307	0.507532	-1.97032	0.0144004	0.3045937	-3.28355	1.32242	0.4573532	0.3186454	0.343198	1
cg04196691	KLHDC4		0.352146	0.545943	0.710273	-1.40791	0.295079	0.544511	-1.83651	0.522829	0.695907	-1.43697	0.329303	1.75698	1.75698	0.580964	0.73191	-1.36629		0.85906	0.90529	-1.10462	0.0390051	0.377953	3.77953	0.847574	1.11374	1.11374	0.291788	1.84473	1.84473	1.3224	6.56338	4.41176	1
cg00456089	INCENP;INCENP		0.352155	0.87372	0.980557	-1.01983	0.990382	1.00106	1.00106	0.800079	1.0225	1.0225	0.335344	0.916559	-1.09104	0.317156	2.0949	1.33	0.935976	1.04362	1.04362	0.610616	1.16014	1.16014	0.367647	0.9267	-1.07896	0.521115	0.835154	1.39817	0.5015	0.0001	1
cg25350789	BEST4		0.35216	0.584267	0.882516	-1.13312	0.90591	0.97361	-1.02711	0.13127	0.691759	-1.44559	0.831951	1.04924	1.04924	0.17287	0.720298	-1.38831		0.321528	0.793226	-1.26067	0.0364289	0.576932	-1.73331	0.577893	1.13558	1.13558	0.494274	0.854707	-1.16999	1.32237	0.07144	0.720216	1
cg15274001	RPS21		0.352163	0.81549	1.12968	1.12968	0.0164642	0.21756	-4.59644	0.597364	0.757247	-1.32057	0.586023	1.33226	1.33226	0.75	0.820033	-1.21946		0.52436	0.714222	-1.40013	0.0904102	1.00629	1.00629	0.594722	1.32328	1.32328	0.542902	1.37889	1.37889	1.32236	5.69933	3.83108	1
cg01188976	HMBOX1;HMBOX1;INTS9;INTS9;INTS9 FGFR1;FGFR1;FGFR1;FGFR1;FGF1		0.352166	0.233224	0.82418	-1.21333	0.283313	1.18822	1.18822	0.432102	1.13205	1.13205	0.285481	1.18723	1.18723	0.301423	1.18014	1.18014		0.988711	0.997814	-1.00219	0.128457	0.775533	-1.28944	0.57301	0.915663	-1.0921	0.258049	1.20031	1.20031	1.32235	0.501233	0.33693	1
cg20336472	R1;FGFR1 UBE2J2;UBE2J2;UBE2J2;UBE2J2;UBE2J2		0.352166	0.836245	0.861238	-1.16112	0.0668923	0.40435	0.40435	0.463585	1.71336	1.71336	0.923928	0.933389	-1.07136	0.23016	0.403068	-2.48097		0.367648	0.512779	-1.95016	0.135295	0.312879	-3.19612	0.893808	1.10119	1.10119	0.648442	1.39278	1.39278	1.32235	10.9098	7.3336	1
cg02581421	UBE2J2;UBE2J2;UBE2J2		0.352169	0.195247	1.60151	1.60151	0.448838	0.766954	-1.30386	0.514566	1.25508	1.25508	0.274971	0.676744	-1.47766	0.579377	1.21225	1.21225		0.592745	0.830604	-1.20394	0.48106	0.781755	-1.27917	0.33318	1.4094	1.4094	0.0706529	2.00262	2.00262	1.32234	2.47508	1.66377	1
cg08846112	SNTB1		0.35217	0.342559	1.2875	1.2875	0.206946	0.70868	-1.4105	0.116241	0.643315	-1.55445	0.596556	0.871048	-1.14804	0.502425	0.838719	-1.19229		0.229245	1.38547	1.38547	0.229015	0.976649	-1.02391	0.437713	0.814495	-1.227	1.32234	1.3986	0.940153	1
cg00912639	PYROX2;PYROX1		0.35217	0.218857	1.38552	1.38552	0.15931	0.722457	-1.38409	0.0965	0.723883	1.37101	0.146826	0.814195	1.14405	0.204302	0.904072	-1.10612		0.358766	0.809406	-1.2354	0.182006	0.733955	-1.36248	0.280022	1.2896	1.2896	0.19308	1.3604	1.3604	1.32234	0.0048	0.705139	1
cg01682455	CHST1		0.352175	0.185684	0.76776	-1.30249	0.44579	0.863842	-1.15762	0.345408	1.20082	1.20082	0.384938	0.818675	-1.22149	0.825539	1.04245	1.04245		0.062129	0.673342	-1.48513	0.661721	1.08645	1.08645	0.170128	0.759457	-1.31673	0.452415	0.865747	-1.15507	1.32233	0.742749	0.499287	1
cg02571687	PANK1;PANK1;PANK1		0.352187	0.994628	0.998076	-1.00193	0.222396	1.44303	1.44303	0.868544	0.953729	-1.04852	0.637952	0.880348	-1.13591	0.342607	0.716385	1.6185		0.572311	0.84943	-1.17726	0.0513363	0.88619	0.88619	0.132073	0.925349	0.904041	-1.10614	1.3223	1.73106	1.15157	1
cg17257676	CHEK2;HCB5;CHEK2;CHEK2		0.352189	0.070616	1.64898	1.64898	0.119235	1.51977	1.51977	0.571334	1.15213	1.15213	0.426904	1.2224	1.2224	0.209103	1.56428	1.56428		0.0975313	1.56843	1.56843	0.37249	0.702441	-1.42317	0.627349	1.12874	1.12874	1.32229	1.28338	0.862728	1
cg23534345	RNF216;RNF216		0.352191	0.28861	0.704698	-1.41905	0.563923	1.20362	1.20362	0.583888	0.838847	-1.19211	0.662053	0.869597	-1.14996	0.448175	0.782253	-1.27836		0.0525249	2.01449	2.01449	0.199409	1.53841	1.53841	0.401597	1.31325	1.31325	0.702358	0.885164	-1.12973	1.32229	2.11378	1.42096	1
cg07392307	SPTY2		0.352192	0.081805	1.27233	1.27233	0.0426	1.62572	1.62572	0.0426	0.645398	-1.55379	0.534312	0.541767	-1.84581	0.0426	0.534312	-1.87149		0.163221	0.243491	-4.1069	0.0162134	0.244383	-4.09091	0.0162134	0.244383	-4.09091	0.0162134	0.244383	-4.09091	1.32229	0.207228	0.145353	1
cg25968571	SSPN;SSPN		0.352194	0.116137	0.45652	-1.45652	0.228268	0.756922	-1.32114	0.85171	0.04207	1.04207	0.348295	1.23696	1.23696	0.639339	1.11145	1.11145		0.328165	1.24892	1.24892	0.393354	0.802983	-1.24534	0.0912186	1.50632	1.50632	0.598783	1.12404	1.12404	1.32228	1.01569	0.682784	1
cg06382266	DOK7;DOK7		0.352198	0.126268	0.777277	-1.4765	0.4613	0.741747	-1.34887	0.264595	0.741747	-1.34887	0.264595	0.741747	-1.34887	0.264595	0.741747	-1.34887		0.454836	0.815858	-1.22587	0.119618	0.655355	-1.52564	0.0755909	0.454836	0.815858	-1.22587	0.119618	0.655355	-1.52564	0.0755909	1.32227	0.6637	0.493167	1
cg18481587	BRF1;BRF1		0.352198	0.817644	0.954872	-1.04726	0.24176	1.27759	1.27759	0.0431097	1.59246	1.59246	0.468844	1.15876	1.15876	0.363342	1.20537	1.20537		0.715023	1.07607	1.07607	0.102869	1.42873	1.42873	0.11521	1.40836	1.40836	0.478802	1.15484	1.15484	1.32227	0.837149	0.562769	1
cg05872306	FOXG1		0.352199	0.524761	1.30302	1.30302	0.735769	0.870147	-1.14923	0.143228	1.90796	1.90796	0.949658	1.02627	1.02627	0.589665	1.12585	1.12585		0.378184	1.44963	1.44963	0.060624	1.27463	1.27463	0.0763904	2.24692	2.24692	1.32227	3.53169	2.37417	1
cg00497737	WFDC1		0.352202	0.131529	1.56262	1.56262	0.13753	1.10146	1.10146	0.0941	1.71107	1.71107	0.146826	0.814195	1.14405	0.204302	0.904072	-1.10612		0.785964	1.0734	1.0734	0.414389	0.95517	-1.04717	0.741421	1.09379	1.09379	0.856423	0.953969	-1.04825	1.32227	0.4178	0.953111	1
cg14562158	TNC		0.352203	0.0641277	1.5996	1.5996	0.933714	0.981302	-1.01896	0.867336	0.962954	-1.03847	0.249279	1.31245	1.31245	0.0938802	1.51581	1.51581		0.760702	1.07141	1.07141	0.824253	0.951018	-1.0515	0.382963	0.817081	-1.22387	0.248496	1.31309	1.31309	1.32226	1.0677	0.717761	1
cg15718261	PTK2B;PTK2B		0.352205	0.130393	0.715355	-1.39793	0.612717	0.990626	-1.00964	0.914188	1.04238	1.04238	0.0287039	0.589124	-1.69744	0.0232387	0.773519	-1.29279		0.204742	0.761407	-1.31351	0.454709	0.588159	-1.70021	0.0433	0.0433	0.0433	0.0433	0.0433	0.0433	1.32226	0.0433	0.0433	1
cg21209364	ZNF782		0.352206	0.443674	0.878352	-1.1385	0.0327	0.986899	-1.01328	0.453631	0.883434	-1.13195	0.376901	1.1586	1.1586	0.15674	0.27879	-3.58779		0.824715	0.964626	-1.03667	0.103884	0.740227	-1.35071	0.0499334	0.711759	1.11759	0.174825	1.26403	1.26403	1.32225	0.55201	0.371092	1
cg24920145	C6orf47;C6orf47		0.352208	0.0950264	0.780775	-1.28078	0.783087	1.03793	1.03793	0.94504	0.990739	-1.00935	0.0746917	0.765042	-1.30712	0.905492	0.984106	-1.01615		0.32444	0.871733

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05618691	GPX4;GPX4;GPX4	0.352523	0.68592	0.86375	-1.14119	1.1668905	0.61402	1.40402	0.488732	1.2567	1.2567	0.4485118	0.28521	1.288169	0.755101	-1.32433	0.488021	1.29355	1.25855	0.679778	0.837857	-1.14435	0.0453135	0.476376	-2.09938	0.982098	1.00732	1.32144	2.20879	1.48578	1
cg26094983	HEL2	0.352527	0.434651	0.632654	-1.58064	0.381357	0.597096	-1.67477	0.922655	1.05461	1.05461	0.665351	0.778847	-1.28395	0.6654867	0.305019	-1.37848	0.370142	0.589438	-1.69653	0.908683	1.06812	1.06812	0.071296	0.314439	-3.18027	0.304273	1.84238	1.84238	0.143243	0.903664	4.64387	1
cg12644696	HECW2	0.352528	0.741663	1.07643	1.07643	0.791344	0.942679	-1.06081	0.31062	0.791715	-1.26308	0.0315953	1.75262	1.75262	0.364222	1.23069	1.23069	0.537318	1.14927	1.14927	0.775959	0.938455	-1.06558	0.686395	1.09457	1.09457	0.297024	0.786081	-1.27213	1.32143	1.03724	0.697724	1
cg19450302	DENND5A	0.352534	0.823927	0.881734	-1.13413	0.9995424	2.772241	2.772241	0.323996	1.7777	1.7777	0.8200086	0.879226	1.113738	0.341215	0.574677	-1.74011	0.354317	0.583781	-1.71287	0.176656	0.44431	-2.25068	0.219187	2.07474	2.07474	0.788724	1.16381	1.16381	1.13242	0.67646	4.49112	1
cg04770195	CHD9	0.352536	0.581345	0.744126	-1.34386	0.174553	0.405227	-2.46532	0.0412706	0.28671	-3.48785	0.981813	0.987977	-1.01217	0.705017	0.817242	-1.22363	0.138794	0.42931	-2.32932	0.244425	0.524035	-1.90827	0.159076	0.449934	-2.22255	0.601688	0.756184	-1.32243	1.32141	5.89335	3.96435	1
cg16396396	MTMR1	0.352539	0.130435	4.30519	4.30519	0.0994577	0.19911	-5.02234	0.201454	0.299496	-3.33894	0.799105	1.256	1.256	0.270744	0.358355	-2.78663	?	?	?	0.803805	1.24915	1.24915	0.964289	1.04083	1.04083	0.8289	0.824126	-1.21341	1.31853	14.8271	11.2452	1
cg24678137	SYT9	0.352541	0.141979	0.672896	-1.48611	0.6201777	0.882178	-1.13356	0.055969	1.72162	1.72162	0.29773	1.31111	1.31111	0.93635	1.02024	1.02024	0.527677	0.851664	-1.17417	0.984691	1.00483	1.00483	0.818378	0.943918	-1.05941	0.3092311	1.3022	1.3022	1.3214	1.31771	0.88641	1
cg25794402	NCOA4;NCOA4;NCOA4;NCOA4	0.352543	0.808316	0.93882	-1.06517	0.27699	1.94029	1.94029	0.335128	0.77265	-1.29425	0.508667	1.37917	1.37917	0.113707	0.501327	1.99393	0.824723	1.05925	1.05925	0.3460288	0.77503	-1.29027	0.107995	0.634097	-1.5763	0.8744516	0.999787	-1.00419	1.32139	1.40925	0.947986	1
cg12128269	TLK1	0.352543	0.0937503	15.0721	15.6721	0.3613	4.06004	4.06004	0.943503	0.899582	-1.41163	0.808608	1.15206	1.15206	0.568238	0.383749	-2.60587	0.291916	0.195382	-5.11818	0.114724	0.077208	-12.952	0.455731	3.10911	3.10911	0.731796	0.598277	-1.67347	1.32139	46.6585	31.3868	1
cg24253136	ELF5	0.352543	0.251107	0.722421	-1.38423	0.0723358	1.72251	1.72251	0.431557	1.24318	1.24318	0.729432	0.910145	-1.09873	0.324687	0.758078	-1.31756	0.901418	0.960955	-1.03417	0.368325	1.28474	1.28474	0.289244	0.742086	-1.34755	0.393282	0.788893	-1.2676	1.32139	1.53876	1.03511	1
cg08113187	ZCCHC14	0.352544	0.0962603	10.3875	10.3875	0.2662	1.26206	1.26206	0.0332586	1.50453	1.50453	0.0496488	1.02052	1.02052	0.526339	0.511821	-1.95321	0.728547	0.724539	-1.37272	0.25435	1.851	1.851	0.224496	2.29285	2.29285	0.669086	0.756072	-1.32263	1.32139	8.85157	5.95438	1
cg09140090	JMJD5;JMJD5 KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.352547	0.147706	0.11981	-8.34656	0.934253	1.11353	1.11353	0.797212	0.754602	-1.39938	0.517982	0.422396	-2.36744	0.212375	0.17002	-5.88165	0.307557	0.244586	-4.08854	0.119311	10.252	10.252	?	?	?	0.379467	0.302747	-3.30308	1.45714	31.9714	13.7132	1
cg18865535	6;KIAA1026	0.352563	0.0916167	0.44545	-2.24492	0.940572	1.03299	1.03299	0.775453	0.88293	-1.13259	0.281584	0.61435	-1.62774	0.149948	0.510708	-1.95807	0.0427217	0.362193	-2.76096	0.60742	0.798031	-1.25308	0.551749	0.769414	-1.29969	0.194494	0.550172	-1.81761	1.32134	3.96642	2.66828	1
cg01088380	CENPJ	0.352576	0.657729	1.31607	1.31607	0.78376	0.84414	-1.18464	0.746936	1.2207	1.2207	0.745883	1.22176	1.22176	0.538458	1.13749	1.13749	0.849443	0.889536	-1.12418	0.0598272	0.270352	-3.69868	0.049544	0.25153	-3.97567	0.305087	0.519885	-1.9235	1.32131	7.93944	5.34113	1
cg02248941	CASKIN1	0.352578	0.244587	0.695099	-1.43864	0.282915	1.39566	1.39566	0.0195	2.40008	2.40008	0.116556	1.26115	1.26115	0.205132	0.792394	-1.26202	0.427545	0.780253	-1.27383	0.0940917	0.710942	1.70042	0.273271	1.40588	1.40588	0.637649	1.15228	1.15228	1.3213	1.86815	1.25677	1
cg21386500	H2AFY2	0.352582	0.24259	0.775093	-1.29017	0.695235	0.92125	-1.08548	0.506371	0.868958	-1.1508	0.96529	0.990975	-1.00911	0.122834	0.705893	-1.41664	0.115221	0.699922	-1.42873	0.0769859	0.663859	-1.50634	0.691679	0.920312	-1.08659	0.335486	1.22987	1.22987	1.32129	0.908248	0.613016	1
cg15108126	GOLGA3	0.352584	0.717382	0.869636	-1.14984	0.195684	1.69086	1.69086	0.0189518	2.97607	2.97607	0.856804	1.07129	1.07129	0.796466	0.905556	-1.10409	0.85058	1.07507	1.07507	0.976636	1.41656	1.41656	0.690288	0.861584	-1.16065	0.964529	1.01722	1.01722	1.32129	3.08288	2.07399	1
cg12281565	ERBB4;ERBB4	0.352593	0.424452	2.35579	2.35579	0.3595009	0.833362	-1.19709	0.381047	1.18715	1.18715	0.0195516	1.52536	1.52536	0.567136	1.11678	1.11678	0.7008896	1.07648	1.07648	0.1408388	0.965103	-1.30701	0.582246	0.8899348	-1.11192	0.679657	1.050052	1.05056	1.32127	0.762937	0.51327	1
cg24906202	NEO1	0.352598	0.505065	1.08641	1.08641	0.187551	1.18666	1.18666	0.0653608	1.28849	1.28849	0.590588	1.06881	1.06881	0.164321	1.1994	1.1994	0.995183	1.00074	1.00074	0.770402	0.964777	-1.03651	0.69329	1.05955	1.05955	0.0585507	1.29934	1.29934	1.32125	0.314184	0.211371	1
cg26891370	GPX3	0.352611	0.0594091	0.524538	-1.90644	0.2284	1.96277	1.96277	0.0135671	3.02373	3.02373	0.0163251	1.27976	1.27976	0.742217	1.35295	1.35295	0.560949	0.839015	-1.19187	0.851863	0.944878	-1.05864	0.932577	0.826166	-1.21005	0.427507	1.27852	1.27852	1.32122	1.92483	1.29499	1
cg11212038	BRIP1	0.352612	0.449329	1.20917	1.20917	0.0333438	0.541892	-1.84539	0.727692	1.08994	1.08994	0.730138	1.08905	1.08905	0.687769	1.10805	1.10805	0.588899	1.14388	1.14388	0.239733	0.674996	-1.48149	0.600068	0.877798	-1.13921	0.997183	1.00087	1.00087	1.32122	1.2201	0.854496	1
cg05573198	STARD9	0.352615	0.502588	0.645325	-1.54902	0.5655097	0.263648	1.9833	0.0503472	0.671345	-1.49059	0.0314762	0.97135	0.97135	0.524414	0.606186	-1.65007	0.884995	1.07964	1.07964	0.3992829	0.581799	-1.71881	0.0860829	1.39028	1.39028	0.0690111	0.975381	0.975381	1.32124	8.42	5.62587	1
cg09194322	PXDL1	0.352624	0.0756653	0.709792	-1.40886	0.176473	0.779495	-1.28288	0.580559	1.10159	1.10159	0.589824	1.09894	1.09894	0.655556	1.08094	1.08094	0.661458	0.926456	-1.07938	0.111745	1.35022	1.35022	0.730592	0.941837	-1.06175	0.983661	1.003156	1.003156	1.32119	0.628847	0.423086	1
cg16118387	C1orf133;SERTAD4	0.352623	0.547302	0.742443	-1.34618	0.117669	0.436298	-2.29201	0.110136	0.427434	-2.33954	0.399568	0.656425	-1.5234	0.127496	0.447344	-2.23542	0.552919	1.34046	1.34046	0.799215	1.13249	1.13249	0.294156	0.587942	-1.70085	0.421252	1.49139	1.49139	1.32117	4.98562	3.35434	1
cg08323584	FAM50A	0.352633	0.383934	1.25442	1.25442	0.0868593	2.75081	-1.36371	0.0553172	0.86942	-1.15154	0.2540795	1.88138	1.88138	0.0402452	2.48533	2.48533	0.863705	1.09216	1.09216	0.5610191	0.916091	-1.09161	0.702859	1.42228	0.0639965	0.324052	3.02452	0.956126	0.970088	1.32088	5.99172	4.03128	1
cg19751179	ATP7B;ATP7B;ALG11	0.352634	0.877179	1.05385	1.05385	0.673588	0.86617	-1.15451	0.201087	1.58073	1.58073	0.980643	1.00826	1.00826	0.503669	1.25877	1.25877	0.200388	1.58198	1.58198	0.158472	1.66733	1.66733	0.041498	2.21933	2.21933	0.203969	1.57563	1.57563	1.32116	2.40635	1.61901	1
cg22072124	LOC440025;SP5	0.352639	0.0948364	0.95881	1.05881	0.270671	1.44077	1.44077	0.0401	2.51353	2.51353	0.291281	1.26059	1.26059	0.454265	0.776143	-1.28865	0.615602	0.701999	-1.4245	0.0232155	0.495588	-2.02453	0.0574568	0.899103	1.01132	0.866385	1.1249	1.1249	1.32115	10.221	6.847482	1
cg08083595	USP29	0.352646	0.998188	0.998749	-1.00125	0.255009	0.519455	-1.92509	0.167124	0.444114	-2.25168	0.357893	1.68384	1.68384	0.0939472	2.362399	2.75939	0.244021	1.95767	1.95767	0.65741	0.783344	-1.27658	0.283355	0.541016	-1.84837	0.860087	1.10212	1.10212	1.32113	0.33546	0.227611	1
cg02077767	HMGN1	0.352655	0.8684469	0.979289	-1.02115	0.2294721	1.1726	1.1726	0.597184	0.934877	-1.06966	0.926586	0.988443	-1.01171	0.588728	0.933393	-1.07136	0.918843	1.01295	1.01295	0.0202734	0.702294	-1.42391	0.875624	0.980416	-1.01998	0.387382	0.894157	-1.11837	1.32111	0.333408	0.224464	1
cg19905861	XPR1;XPR1	0.352657	0.4064091	1.32453	1.32453	0.0476631	0.389777	-2.56557	0.464088	0.824031	-1.88231	0.4182627	0.838338	2.005171	0.0425745	0.5372	1.86131	0.5972	1.67431	1.67431	0.0611307	0.5972	1.67431	0.0611307	0.64622	-1.54746	0.8868442	0.886132	-1.1285	1.3882	11.7342	7.24525	1
cg11440915	LMO7;LMO7	0.352659	0.188763	0.415456	-2.40699	0.323709	0.525725	-1.90214	0.377256	1.77101	1.77101	0.512653	1.52025	1.52025	0.827703	0.871595	-1.14732	0.504513	1.53301	1.53301	0.227444	2.22398	2.22398	0.09719	0.30154	-3.31559	0.329934	1.3211	1.3211	1.32104	3.26244	2.46971	1
cg09998151	AKAP6	0.352662	0.395078	1.28956	1.28956	0.0613766	0.768458	-1.30168	0.0499513	1.31209	1.31209	0.712001	1.31883	1.31883	0.0376651	1.54185	1.54185	0.1162314	1.84344	1.84344	0.0176651	1.54185	1.54185	0.0176651	1.64644	1.64644	0.0779152	1.50781	1.50781	1.32103	9.35512	6.32497	1
cg19781133	KCNH2;KCNH2	0.352672	0.600782	0.833858	-1.19924	0.874614	0.947107	-1.05585	0.195569	0.624351	-1.60166	0.855351	0.939136	-1.06481	0.864811	0.943047	-1.06039	0.390255	0.738632	-1.35385	0.0925572	0.52888	-1.89079	0.139018	1.72976	1.72976	0.258946	1.49976	1.49976	1.32106	2.47768	1.66713	1
cg26349416	ERI3	0.352688	0.614238	0.709614	-1.40922	0.0454346	4.7053	4.7053	0.294663	2.08253	2.08253	0.946594	1.04616	1.04616	0.104711	0.30214	-3.30972	0.944879	1.04778	1.04778	0.785502	0.815	0.815	0.815	0.806293	-1.24024	0.862305	0.889432	-1.12431	1.32102	9.53129	6.4134	1
cg24832218	RPTOR;RPTOR	0.352694	0.698184	0.844299	-1.18419	0.7409	1.74933	1.74933	0.0443	3.84408	3.84408	0.0195177	1.33017	1.33017	0.508476	1.22023	1.22023	0.348476	1.49711	1.49711	0.105002	1.48303	1.48303	0.105002	1.94027	-1.64283	0.0511	-2.53776	0.547321	1.31758	1.31758	1.32101	4.2912	2.88749	1
cg26003360	YPEL2	0.352695	0.245759	2.48552	2.48552	0.817653	1.18912	1.18912	0.960985	1.03737	1.03737	0.434554	1.81846	1.81846	0.605599	1.47797	1.47797	0.347743	2.06493	2.06493	0.0723697	4.4989	4.4989	0.0521475	5.24208	5.24208	0.109206	3.7061	3.7061	1.32101	11.7686	7.91802	1
cg14417760	GABRA3;GABRA5	0.352696	0.31235	1.57005	1.57005	0.2172	0.168534	2.76348	0.0178	3.834903	-1.22714	0.844638	1.55692	1.55692	0.0204	2.66863	2.66863	0.208457	1.70851	1.70851	0.0448436	2.20981	2.20981	0.0448436	2.53337	2.53337	0.0351	3.17082	3.17082	0.58116	1.51282	1.51282	1.32098	5.12182	3.44526	1
cg15237661	SLC6A1	0.352697	0.892167	1.04866	1.04866	0.755386	1.11569	1.11569	0.640545	1.17907	1.17907	0.0671265	1.20593	1.20593	0.215924	0.852765	-1.51927	0.143597	1.73407	1.73407	0.0474092	0.934613	-1.06996	0.733749	1.75118	1.75118	0.747692	0.893	1.1207	1.32099	2.56708	1.72738	1
cg06793277	GLIS1	0.352701	0.0996633	0.256903	-3.89252	0.235218	0.391801	-2.55231	0.240866	0.396634	-2.52122	0.898104	0.908017	-1.1013	0.550451	0.634454	-1.57616	0.571568	0.650127	-1.53816	0.0250793	0.134379	-7.44163	0.457307	0.56547	-1.76844	0.383966	0.510509	-1.95883	1.32099	11.8677	7.98576	1
cg21797147	SORBS2	0.352704	0.0997447	0.535295	1.86844	0.0980755	0.183504	-5.44966	0.0951354	0.441552	-2.26455	0.0554154	0.77143	0.77143	0.0270127	0.642621	-1.55615	0.745704	0.934085	-1.07039	0.257126	1.38528	1.38528	0.647875	1.13535	1.13535	0.383808	0.785151	-1.27357	1.3196	3.93459	1.02788	1
cg19609923	MYLK2	0.352715	0.144149	0.357205	-2.79951	0.717041	0.787574	-1.26972	0.833244	0.870481	-1.14835	0.495424	0.634978	-1.57486	0.129237	0.341106	-2.93164	0.465807	0.614485	-1.62738	0.0637564	0.254778	-3.92499	0.0581509	0.24539	-4.07515	0.508976	0.644311	-1.55205	1.32096	9.0061	6.06033	1
cg08315272	PAR9B	0.352719	0.427403	1.34222	1.34222	0.0884843	1.74003	1.74003	0.0436	3.84368	3.84368	0.0195372	1.39564	1.39564	0.0475636	1.58263	1.58263	0.162497	1.98093	1.98093	0.0266176	1.66676	1.66676	0.0266176	1.85142	1.85142	0.0266176	1.62497	1.62497	1.32094	5.00126	3.41713	1
cg01061164	FAM120B	0.352722	0.455927	0.670736	-1.4909	0.269025	0.545835	-1.83206	0.650376	0.786642	-1.27123	0.192479	0.26579	2.65079	0.286835	0.55895	-1.78907	0.277432	1.81136	1.81136	0.179903	2.11506	2.11506	0.520208	1.40892	1.40892	0.313541	0.577976	-1.73018	1.32094	5.78713	3.89428	1
cg18535011	CDH6	0.352723	0.17512	0.628737	-1.59066	0.677527	0.945981	-1.05599	0.624813	1.06213	1.06213	0.60186	1.07055	1.07055	0.0729189	1.29239	1.29239	0.667312	1.15298	1.15298	0.0429743	1.42704	1.42704	0.0429743	1.61568	1.61568	0.0429743	1.70199	1.70199	1.32093	10.221	6.847482	1
cg18390201	LRRC8D;LRRC8D UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.352734	0.23073	0.61563	-1.62435	0.563537	1.25271	1.25271	0.149669	0.551009	-1.81485	0.139237	0.541165	-1.84787	0.0528225	0.427743	-2.33785	0.297385	0.659132	-1.51715	0.485173	0.760579	-1.31479	0.248946	0.62815	-1.59198	0.515552	0.777316	-1.28648	1.32091	1.31453	2.09589	1
cg23918991	UBE2D3	0.352735	0.276064	1.23674	1.23674	0.186467	1.30036	1.30036	0.219097	1.27815	1.27815	0.070792	1.46024	1.46024	0.12683	1.36299	1.36299	0.374892	1.18625	1.18625	0.783914	0.949757	-1.0529	0.1632	1.32195	1.32195	0.190692	1.29674	1.29674	1.32091	0.735729	0.495101	1
cg10189138	ATOH8	0.352735	0.726378	0.871889	-1.14693	0.97895	1.01034	1.01034	0.947443	0.975134	-1.02568	0.852601	1.07534	1.07534	0.687794	0.854004	-1.17087	0.117531	1.44224	1.44224	0.0449793	2.41281	2.41281	0.0859854	1.00056	1.00056	0.931099	0.996766	-1.03438	1.3209	3.1902	2.44681	1
ch.4.16625778	ARHGAP24;ARHGAP24	0.352735	0.0240677	0.111934	-8.93381	0.408651	0.502687	-1.98931	0.731957	0.745707	-1.34101	0.329825	0.358653	-2.78821	0.183891	0.317486	-3.14974	0.392004	0.489853	-2.04143	0.124802	0.258636	-3.86644	0.630408	0.67398	-1.48372	0.713907	0.743164	-1.34491	1.3209	13.8564	9.32452	1
cg25104511	RAPGEF1	0.352742	0.218174	0.611632	-1.63497	0.646343	0.4705	4.7053	0.294663	2.08253	2.08253	0.946594	1.04616	1.04616	0.104711	0.30214	-3.30972	0.39138	0.71655	-1.39558	0.0750564	0.471238	-2.12207	0.870255	1.06401	1.06401	0.750448	1.12875	1.12875	1.32089	3.01358	2.02799	1
cg22194596	DOCK2	0.352742	0.386284	1.34795	1.34795	0.0935	0.506	-1.97628	0.74093	0.7506	-1.33256	0.4044	0.59317	1.68543	0.141295	0.836322	-1.19557	0.990102	1.00975	1.00975	0.9316644	1.005	1.005	0.9316644	1.08743	-1.09964	0.919139	0.898714	-1.1127	0.9966	1.32085	1.58949	0.0593144	0.579815	1.72945	1.32083	0.81875	0.92107	1
cg18878134	LTBP4L;LTBP4;LTBP4	0.352745	0.240624	0.399005	-2.50624	0.0710784	0.221355	-4.51762	0.0300561	0.148326	-6.74175	0.384673	0.513454	-1.94759	0.425729	0.544272	-1.83732	0.740946	0.780264	-1.28162	0.295562	0.444313	-2.25066	0.511194	0.607523	-1.64603	0.331311	0.472539	-2.11623	1.32087	11.701	7.87427	1
cg25965471	TTBK1;TTBK1	0.352745	0.983773	1.01649	1.02649	0.928457	0.795587	-1.3165	0.253016	1.3417	1.3417	0.144075	1.47019	1.47019	0.574232	1.15	1.15	0.632709	0.88821	-1.12586	0.55041	1.16038	1.16038	0.264804	1.19837	1.19837	0.0501685	1.73286	1.73286	1.32086	2.85337	1.85376	1
cg20823859	OVGP1	0.352755	0.662128	0.55664	1.55664	0.477463	0.70872	2.06872	0.132347	0.195054	-5.12678	0.0611896	0.119653	-8.35749	0.174654	0.233851	-4.27622	0.856055	1.20051	1.20051	0.249898	0.298146	-3.35406	0.488566	0.492565	-2.03019	0.487797	0.491928	-2.03282	1.32085	21.1891	14.2595	1
cg10125119	CSDE1;CSDE1;CSDE1	0.352772	0.407798	0.859664	-1.16325	0.166671	1.30126	1.30126	0.0605581	1.45922	1.45922	0.256718	0.809441	-1.23542	0.712034	1.06845	1.06845	0.77273	1.05308	1.05308	0.741935	1.06079	1.06079	0.210663	1.26561	1.26561	0.594012	1.10085	1.10085	1.32081	0.667177	0.449002	1
cg18192872	NSUN5;NSUN5;NSUN5;NSUN5	0.352778	0.382062	1.25049	1.25049	0.0965757	1.51527	1.51527	0.0437	2.63733	2.63733	0.275188	1.16891	1.16891	0.0705551	1.42639	1.42639	0.583777	1.39172	1.39172	0.154332	0.718	0.718	0.154332	0.74353	-1.34471	0.111113	0.968342	0.990091	-1.01001	1.32079	1.30065	0.875633	1
cg02256631	ITGAM;ITGAM	0.352781	0.842776	1.09284	1.09284	0.485601	0.7285	-1.37268	0.71129	1.18081	1.18081	0.467021	0.718297	-1.39218	0.659945	0.820417	-1.21889	0.279333	0.604828	-1.65336	0.0337908	0.330199	-3.02848	0.0717217	0.407019	-2.45689	0.635764	0.807919	-1.23775	1.32079	4.18065	2.81358	1
cg15104452	RNF208	0.352782	0.278252	0.985385	1.16631	0.1473443	0.45493	0.3687701	0.0437	2.63733	2.63733	0.275188	1.16891	1.16891	0.0705551	1.42639	1.42639	0.583777	1.39172	1.39172	0.154332	0.718	0.718	0.154332	0.74353	-1.34471	0.111113	0.968342	0.990091	-1.01001	1.32079	1.30065	0.875633	1
cg20337903	ATXN7L1;ATXN7L1 C14orf159;C14orf159;C14orf159;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1054 vs. N)	Fold-Change(1054 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3533 vs. N)	Fold-Change(3533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error)
cg13014982	IKBKG;IKBKG;GEPD;GEPD;IKBKG;IKBKG	0.353135	0.111916	0.0679392	-14.719	0.464009	0.933131	-1.07178	0.998177	1.00356	0.100355	0.181355	0.96345	0.963145	0.172137	0.96094	0.56094	0.141687	0.0858927	-11.6424	0.535811	0.377566	-2.64854	0.948844	0.110481	1.01481	0.8061	1.46527	1.46527	3.31989	50.4455	33.9729	1
cg17303307	GLS	0.35314	0.525444	0.824366	-1.21305	0.348433	0.748443	-1.33611	0.758061	1.09718	1.09718	0.58794	1.17846	1.17846	0.251148	1.43319	1.43319	0.389808	0.767574	-1.30281	0.057601	0.524918	-1.90506	0.188028	0.65788	-1.52004	0.1635113	0.755546	-1.32355	1.31987	1.88346	1.26844	1
cg10108804	GJA4	0.353142	0.471468	1.86125	1.86125	0.372805	0.460295	-2.17252	0.866422	1.15345	1.15345	0.236622	0.340398	-2.86206	0.0235902	0.10102	-0.89903	0.643116	0.671757	-1.48863	0.233172	0.346906	-2.88263	0.024052	0.657773	-1.52028	0.6396221	0.669892	-1.49278	1.31987	15.0323	10.1237	1
cg04506114	SOAT1	0.353152	0.110419	0.610449	-1.63814	0.720662	0.903147	-1.10724	0.0650813	0.555634	-1.79975	0.5871	0.855932	-1.16832	0.0799748	0.576273	-1.73529	0.881842	1.0431	1.0431	0.294826	0.734732	-1.36104	0.431112	0.79614	-1.35606	0.178243	0.666429	-1.50054	1.31984	1.68261	1.13321	1
cg25196716	ESPNP	0.353154	0.135384	2.79821	2.79821	0.445663	0.64584	1.64384	0.198703	0.439649	-2.38295	0.2802011	0.240965	2.04965	0.575373	1.43595	1.43595	0.862386	0.895098	-1.11731	0.149363	2.68095	0.514122	1.52653	1.52653	0.118391	2.95608	2.95608	1.9884	8.5441	5.7543	1
cg04102459	ACOX3;ACOX3	0.35316	0.450436	1.21353	1.21353	0.0231385	1.98064	1.98064	0.269891	1.33529	1.33529	0.432648	1.22328	1.22328	0.761157	0.926142	-1.07975	0.386863	1.25012	1.25012	0.237038	1.36585	1.36585	0.332346	1.2862	1.2862	0.200214	1.40572	1.40572	1.91982	1.32403	0.891718	1
cg14100578	SLC25A11;SLC25A11;SLC25A11;RNF167	0.35316	0.839758	1.06701	1.06701	0.896859	1.82097	1.82097	0.0849019	1.84115	1.84115	0.367892	1.34489	1.34489	0.561243	1.20708	1.20708	0.24818	0.679258	-1.47219	0.669733	0.871575	-1.14735	0.919881	1.03276	1.03276	0.240012	1.4831	1.4831	1.91982	2.14542	1.44492	1
cg15298594	NBAS	0.353162	0.561311	0.864434	-1.15683	0.0260448	1.92532	1.92532	0.851659	1.04753	1.04753	0.735783	0.919428	-1.08763	0.556097	1.15913	1.15913	0.751432	0.924209	-1.08201	0.300096	0.766181	-1.30518	0.289215	1.31372	1.31372	0.738778	1.08655	1.08655	1.31982	1.28589	0.86604	1
cg05929864	NIN	0.353163	0.750659	0.879465	-1.13687	0.213774	0.503809	-1.98453	0.0975828	2.04883	2.04883	0.274806	0.563473	1.77645	0.0485758	2.18802	0.431013	0.530661	1.69161	1.69161	0.190413	2.11405	0.899792	-1.1497	0.991041	1.0059	1.0059	0.204833	2.01503	2.01503	1.31982	5.71297	3.86112	1
cg03975652	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.353164	0.134972	0.587228	-1.70292	0.0454443	0.468619	-2.13393	0.796854	1.08896	0.207393	0.644548	-1.55148	0.21721	0.651225	-1.53557	0.876336	0.948778	-1.05399	0.412218	0.758077	-1.31913	0.924044	0.968888	-1.032	0.155024	0.604868	-1.65328	1.31982	1.28123	1.5364	1
cg02606308	DYNLRB2	0.353173	0.644828	0.595056	-1.67636	0.418821	0.872724	-1.1309	0.6698834	0.725128	-1.37907	0.993566	1.00128	1.00128	0.602231	1.07457	1.07457	0.270291	0.818362	-1.22192	0.139958	0.883502	0.732687	-1.36559	0.832886	1.01406	1.01406	0.32928	1.17306	1.17306	1.31979	0.5235351	0.353829	1
cg09414268	CACNA1H;CACNA1H	0.353177	0.944529	0.794895	-1.25803	0.0908895	1.96831	1.96831	0.481622	0.771004	-1.29701	0.363112	0.711882	-1.40473	0.722873	1.03306	1.03306	0.182783	1.67202	1.67202	0.151174	1.7494	0.503793	1.27976	1.27976	0.337097	1.4331	1.4331	1.31973	2.76317	1.8611	1
cg08052292	ARHGEF5;ARHGEF5;ARHGEF5	0.353199	0.591324	1.28757	1.28757	0.832154	1.04054	1.04054	0.208128	0.538581	-1.85573	0.60697	0.785081	-1.27375	0.340923	1.58035	1.58035	0.3916	1.50586	1.50586	0.0426965	2.56891	0.966891	0.446815	0.43561	1.43561	0.503426	0.728582	-1.37253	1.31972	0.4454	0.26552	1
cg11799006	JAKMIP2	0.3532	0.301268	0.811557	-1.2322	2.01084	1.29308	1.29308	0.49041	1.14634	1.14634	0.466419	1.15545	1.15545	0.392928	0.843145	-1.18604	0.0766318	0.681175	-1.46805	0.799074	0.95149	-1.05098	0.267389	1.25263	1.25263	0.765516	0.943358	-1.06004	1.31972	0.794388	0.535054	1
cg05934215	SNORA42;KIAA0907	0.353202	0.591758	1.15817	1.15817	0.406255	1.29315	1.29315	0.233633	0.721275	-1.40309	0.579374	1.56657	1.56657	0.155399	0.662107	-1.51033	0.645469	0.881928	-1.13388	0.410437	0.795888	-1.25646	0.878049	1.04253	1.04253	0.052704	0.550279	-1.81726	1.31972	1.53754	1.0356	1
cg23176270	C14orf93;C14orf93;C14orf93	0.353202	0.824267	1.939366	-1.58455	0.326652	1.3291	1.3291	0.447015	0.885161	-1.24198	0.794219	0.925119	-1.67953	0.0503955	0.859934	-1.5288	0.11139	0.614035	-1.62857	0.0301326	0.488122	-2.04867	0.973776	0.990798	-1.01009	0.911669	0.960272	-1.0317	1.31972	1.65329	1.11357	1
cg15230030	RGS12;RGS12	0.353214	0.0914982	1.49351	1.49351	0.983072	1.00513	1.00513	0.809495	0.949202	-1.05352	0.19864	0.745856	-1.34074	0.884218	1.03195	1.03195	0.909066	0.975638	-1.02497	0.0622617	1.57309	1.57309	0.456416	1.17789	1.17789	0.735192	0.929342	-1.07603	1.31969	0.9738866	0.655957	1
cg05132568	KIAA2013	0.353219	0.376059	0.694078	-1.44092	0.2134	0.882558	1.28168	0.156565	1.85269	1.85269	0.489623	0.70157	-1.42537	0.0764184	1.42603	1.42603	0.260297	0.626173	-1.597	0.0484613	0.824013	-1.21357	0.44184	1.50996	1.50996	0.28286	0.635042	-1.5747	1.31967	3.46073	2.33104	1
cg25767229	JMJD8	0.353222	0.503437	0.720012	-1.38887	0.426916	1.48058	1.48058	0.464184	1.43192	1.43192	0.929694	0.958208	-1.04362	0.0557988	0.350534	-2.85279	0.103436	0.422485	-2.36695	0.516222	0.272286	-1.37497	0.524111	0.731756	-1.36658	0.254138	0.5621	-1.77904	1.31967	4.89149	3.29476	1
cg09623457	ABCC5;ABCC5;ABCC5;ABCC5	0.353225	0.743379	1.09944	1.09944	0.0168224	1.40854	1.40854	0.287823	1.38496	1.38496	0.56855	1.18093	1.18093	0.508439	1.2136	1.2136	0.853858	1.05464	1.05464	0.450314	0.492983	-2.02847	0.967881	1.01408	1.01408	0.409036	0.819564	-1.22016	1.31966	1.07978	0.802137	1
cg13836270	SLC31A2	0.353227	0.833013	1.09572	1.09572	0.443042	1.403	1.403	0.2194	1.74922	1.74922	0.0674513	0.41184	-2.42813	0.132532	0.495219	-2.01931	0.395358	0.686	-1.45773	0.930676	1.03839	1.03839	0.682377	1.195	1.195	0.787354	1.12419	1.12419	1.31965	3.91783	2.63896	1
cg07077240	HERC1	0.353229	0.443856	1.15633	1.15633	0.0545795	1.48679	1.48679	0.391882	1.17298	1.17298	0.178341	0.771497	-1.29618	0.377796	0.849239	-1.17891	0.567494	1.11083	1.11083	0.539924	1.11948	1.11948	0.620299	1.09509	1.09509	0.318557	1.20623	1.20623	1.31965	0.691404	0.465716	1
cg17648537	PTCD3;POLR1A	0.353233	0.384712	1.07936	1.07936	0.482486	1.19846	1.19846	0.179374	1.32951	1.32951	0.447975	0.842045	-1.25715	0.246198	0.779131	-1.28355	0.0920112	0.72701	-1.37572	0.272101	0.748309	-1.33635	0.943877	0.780909	-1.28056	0.836048	0.947128	-1.05582	1.31964	1.34444	0.905594	1
cg26445772	HNRNPA0	0.353234	?	?	?	?	0.442853	1.88167	1.88167	0.366795	2.11689	2.11689	0.989915	0.98987	-1.01023	0.163467	0.29815	-3.35402	0.200855	0.333705	-2.99666	?	?	?	0.315166	0.715795	-1.39705	0.031448	0.534933	-1.86939	0.752083	0.924437	-1.08174	0.267933	0.751184	-1.33123	1.31963	1.28469	0.86595	1
cg06082920	TTC39A	0.353236	0.247059	0.740762	-1.34996	0.743589	1.021845	1.02184	0.763576	1.08478	1.08478	0.702564	0.927893	-1.07777	0.216861	0.724586	-1.3801	0.162249	0.622405	-1.60703	0.544	0.201566	0.715795	-1.39705	0.031448	0.534933	-1.86939	0.752083	0.924437	-1.08174	0.267933	0.751184	-1.33123	1.31963	1.28469	0.86595	1
cg09207351	FAM53B	0.353237	0.852979	0.891208	-1.12207	0.0506763	0.58474	1.98474	0.124802	2.80569	2.80569	0.303312	1.9471	1.9471	0.145311	0.595806	1.6784	0.76515	1.20442	1.20442	0.470345	1.57769	0.396594	1.71422	1.71422	0.479494	0.63999	1.56252	1.31963	1.85614	0.54263	1
cg11177955	C1orf58;ADA	0.353238	0.952007	0.988714	-1.01141	0.722818	1.06947	1.06947	0.40552	0.851732	-1.17408	0.0505667	0.656941	-1.52221	0.827163	1.0421	1.0421	0.64186	1.09235	1.09235	0.0565906	0.665658	-1.50227	0.886136	1.02739	1.02739	0.445546	0.863601	-1.15794	1.31963	0.743223	0.500629	1
cg05608188	TMEM168	0.353246	0.763475	0.945924	-1.05715	0.0863151	1.02445	1.02445	-1.0847	0.763565	1.85269	1.85269	0.482629	0.75193	-1.33057	0.0764184	1.42603	1.42603	0.260297	0.626173	-1.597	0.0484613	0.824013	-1.21357	0.44184	1.50996	1.50996	0.28286	0.635042	-1.5747	1.31967	3.46073	2.33104	1
cg02887507	RNF144B	0.353249	0.216558	0.818229	-1.22215	0.303052	1.17891	1.17891	0.0743808	1.35894	1.35894	0.948771	1.00996	1.00996	0.930848	1.01348	1.01348	0.767519	1.0468	1.0468	0.172487	0.799304	-1.25109	0.926564	1.01432	1.01432	0.280575	1.18891	1.18891	1.3196	0.497447	0.335083	1
cg20178764	GFRA3	0.353262	0.776844	1.08244	1.08244	0.0168224	1.40712	1.40712	0.312372	1.31828	1.31828	0.500422	1.48249	1.48249	0.0182117	1.88704	0.0154564	2.64855	1.18093	1.18093	0.508439	1.2136	1.2136	0.853858	1.05464	1.05464	0.450314	0.492983	-2.02847	0.967881	1.01408	1.01408	0.409036	0.819564	-1.22016	1.31966	1.07978	0.802137	1
cg21564365	AGAP1;AGAP1	0.353254	0.752017	1.07513	1.07513	0.934665	1.01891	1.01891	0.351087	0.803071	-1.24522	0.484438	1.17629	1.17629	0.966073	1.00977	1.00977	0.851377	0.958044	-1.04379	0.0188302	1.91601	1.91601	0.758418	0.993193	-1.07104	0.499265	0.854933	-1.16968	1.31959	0.09137	0.735158	1
cg11936554	AMMECR1L	0.353262	0.817068	0.938226	-1.06594	0.0796183	0.585445	-1.7081	0.525629	0.837789	-1.19362	0.241313	0.715527	-1.40149	0.459015	1.23058	1.23058	0.695388	1.14137	1.11437	0.166205	1.50123	0.360069	1.29117	1.29117	0.443881	0.806691	-1.23963	1.31956	1.5827	1.06514	1
cg21893314	BUB1B	0.353264	0.175353	1.09944	1.09944	0.555408	1.42386	1.42386	0.0129966	1.39005	1.39005	0.19634	0.760256	-1.31579	0.0129966	1.39005	1.39005	0.0129966	1.39005	1.39005	0.19634	0.760256	-1.31579	0.0129966	1.39005	1.39005	0.19634	0.760256	-1.31579	1.31956	1.89078	0.802137	1
cg01487910	TEAD3	0.353266	0.220247	1.47654	1.47654	0.884429	1.04496	1.04496	0.293902	1.38437	1.38437	0.311168	1.35413	1.35413	0.468845	1.24961	1.24961	0.341896	1.34459	1.34459	0.0193655	2.35132	2.35132	0.258027	1.42883	1.42883	0.27774	1.40675	1.40675	1.31956	1.91053	1.28698	1
cg14106242	GAUNT12	0.353267	0.836752	1.0676	1.0676	0.476555	1.58154	1.58154	0.928364	0.173158	1.98734	2.08734	0.510724	1.65041	0.0660111	2.15351	0.0270735	2.48559	1.16041	1.16041	0.0193655	2.35132	2.35132	0.258027	1.42883	1.42883	0.27774	1.40675	1.40675	1.31956	1.91053	1.28698	1
cg20793193	SYP	0.353279	0.294882	1.149165	-6.70399	0.90043	0.803129	-1.24513	0.976077	1.05232	1.05232	0.270387	1.20435	1.20435	0.240845	1.46618	0.0397733	2.51755	1.18643	1.18643	0.778562	1.63845	1.63845	0.0708307	2.30387	2.30387	0.0308307	3.42452	3.42452	1.31955	54.111	43.1872	1
cg06525051	ADIPOR1;ADIPOR1;ADIPOR1	0.353274	0.146457	0.79229	-1.26216	0.688985	1.06196	1.06196	0.556437	1.09292	1.09292	0.189045	0.812341	-1.23101	0.581106	0.920127	-1.08681	0.393116	0.877049	-1.14019	0.571367	0.918107	-1.0892	1.12414	0.772478	-1.29453	0.07123	0.740091	-1.35118	1.31954	0.466275	0.3141	1
cg05208312	ANKRD40	0.353279	0.730958	1.07513	1.07513	0.563407	0.588158	1.70058	0.0731511	0.998693	1.00077	0.30255	0.823986	1.21349	0.0224905	1.21349	0.0224905	1.21349	0.0224905

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477T vs. N)	Fold-Change(477T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	SS(Test)	SS(Error)	df	F(Error
cg07954706	AMPD2;AMPD2	0.353724	0.287927	0.571403	-1.75008	0.736252	0.18706	1.18706	0.22619	1.90528	1.90528	0.797431	0.87768	-1.11937	0.373315	0.629016	-1.58979	0.543142	0.731824	-1.36645	0.013037	0.27763	-3.60193	0.623587	0.778088	-1.28521	0.441344	0.671487	-1.48923	0.13839	5.37282	3.62247	1
cg03691156	IL15RA;IL15RA;IL15RA	0.353724	0.359495	1.47877	1.47877	0.309647	0.646255	-1.54738	0.593527	1.2507	1.2507	0.210154	0.577897	-1.73041	0.332776	1.51486	1.51486	0.98932	1.00557	1.00557	0.242995	0.602106	-1.66084	0.463328	0.73347	-1.36338	0.080881	0.447542	-2.23443	1.31839	3.60023	2.42735	1
cg02504734	HYDIN	0.353726	0.144327	0.422673	-2.3659	0.791608	1.15652	1.15652	0.455193	1.51845	1.51845	0.971375	0.0199	1.0199	0.171985	0.450049	-2.22198	0.231505	0.502004	-1.99202	0.0670503	0.329939	-3.087	0.243723	0.51182	-1.95381	0.776768	0.855475	-1.16894	0.31839	6.29642	4.24519	1
cg06353517	KLK8;KLK8;KLK8;KLK8	0.353728	0.26274	1.33883	1.33883	0.483597	1.19472	1.19472	0.31584	0.789774	-1.26619	0.792224	1.0682	1.0682	0.334562	0.779847	-1.28236	0.195604	0.73107	-1.40727	0.0944617	0.58309	1.58309	0.910639	0.972333	-1.02845	0.342874	0.783332	-1.2766	0.13838	1.30396	0.879166	1
cg11474075	TTC5	0.353728	0.199715	0.80568	-1.24119	0.431941	1.16345	1.16345	0.462643	1.12664	1.12664	0.113117	0.759574	-1.31653	0.321762	0.849377	-1.17733	0.826894	0.965674	-1.03555	0.1387	0.775538	-1.28943	0.39568	0.870466	-1.14881	0.171935	0.793019	-1.261	0.13838	0.5310888	0.358074	1
cg26688443	CCNB3;CCNB3	0.353735	0.440881	0.70019	-1.42818	0.245876	0.5709388	-1.75135	0.468274	0.712139	-1.4035	0.122555	0.4606902	-1.27065	0.020425	0.725235	-1.63326	0.609791	0.78846	-1.2683	0.280268	0.595568	-1.67907	0.393132	0.6676099	-1.49768	0.434738	0.602118	-1.44484	0.13837	4.45165	3.00146	1
cg02062238	RPGR;RPGR	0.35374	0.140154	0.13004	-7.68995	0.592688	0.499568	-2.00173	0.447875	2.70246	2.70246	0.0575288	15.8105	15.8105	0.508816	2.36652	2.36652	0.296478	0.248757	-4.01999	0.888332	0.834791	-1.1979	0.582541	2.04113	2.04113	0.713927	1.60515	1.60515	1.83535	34.4911	23.2554	1
cg04437751	IRAK2;IRAK2	0.353756	0.203544	0.792767	-1.26141	0.870735	0.9722312	-1.02858	0.837011	0.966598	-1.03629	0.4254	0.868423	-1.15143	0.439007	1.14634	1.14634	0.430093	0.869912	-1.14954	0.127393	0.968186	0.852226	-1.17335	0.6059888	1.09424	1.09424	1.18331	0.625145	0.421512	1
cg04034948	HMX3	0.353759	0.792379	0.891972	1.12111	0.198501	0.5549511	-1.80196	0.723621	1.56658	1.56658	0.557438	0.390735	-2.55928	0.137811	1.70465	1.70465	0.64336	0.817051	-1.22391	0.288628	0.620412	-1.61183	0.379589	1.47789	1.47789	0.960306	0.978503	-1.02197	1.31831	3.921	2.6438	1
cg07367222	PRDM16;PRDM16	0.353759	0.879813	0.943686	-1.05968	0.0185352	2.9858	2.9858	0.557472	1.25516	1.25516	0.798864	0.906816	-1.10276	0.305725	0.666139	-1.50119	0.715028	0.86895	-1.15081	0.715867	0.869329	-1.15031	0.757558	0.888151	-1.12593	0.97898	1.01014	1.01014	1.31831	3.06393	2.0659	1
cg05629794	EPAS1	0.353762	0.69951	1.19983	1.19983	0.5794	0.7552	1.2329	1.2329	1.11147	1.63384	1.63384	1.63384	1.63384	0.0770124	1.63384	1.63384	0.762432	1.15322	1.15322	0.142068	0.887971	1.12616	1.12616	0.452641	0.887971	1.12616	1.12616	0.452641	0.887971	1.12616	1.12616	0.452641

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. 1047)	p-value(1047 vs. N)	Fold-Change(1 vs. 1050T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs. 055T vs. N)	p-value(111T vs. N)	Fold-Change(1 vs. 112T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs. 121T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs. 121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(1 vs. 347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1 vs. 353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1 vs. 537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(1 vs. 563T 637 vs. N)	F(Error)	SS(Test)	SS(Error)
cg22092811	L	0.354216	0.584565	1.6007	1.6007	0.73225	1.33757	1.33757	0.797195	0.803462	-1.24461	0.106122	0.212701	-4.70145	?	?	0.423263	0.496695	-2.01331	0.429668	0.501773	-1.99293	0.0943953	0.198559	-5.03628	0.124581	0.233726	-4.27851	1.38892	13.4257	7.24972	1
cg26705425	ZNF531	0.35422	0.297121	1.3133	1.3133	0.58713	0.870894	-1.14825	0.810056	1.06259	1.06259	0.0725962	0.603469	-1.65709	0.410897	1.23616	1.23616	0.105069	0.639831	-1.56291	0.811132	0.941426	-1.06222	0.34688	0.783318	-1.27662	0.448914	0.823194	-1.21478	1.31714	1.32612	0.894948	1
cg25797887	DLX6AS	0.35423	0.716783	0.730257	-1.38839	0.417481	1.20925	2.10925	0.62339	1.56175	1.56175	0.4776717	0.527247	-1.93376	0.477037	1.91792	1.91792	0.129498	1.228685	-4.37282	0.182447	0.279566	-1.57697	0.115709	0.46399	0.46399	0.592039	1.62783	1.62783	1.37115	16.9242	11.4218	1
cg16015423	SYDE1	0.35424	0.491335	2.15364	2.15364	0.370727	0.36466	-2.74228	0.117837	0.64901	0.64901	0.196215	0.48121	-4.48121	0.422384	1.11288	1.11288	0.582919	0.54408	-1.83797	0.103985	0.147218	-6.79265	0.663747	0.445284	-2.24576	0.854506	0.817534	-1.22319	1.3171	25.1271	16.9578	1
cg21732383	THBS2	0.35426	0.165092	0.51242	-1.95152	0.729607	1.16955	1.16955	0.857786	0.922202	-1.08436	0.12776	0.475438	0.922202	-1.08436	0.12776	0.475438	0.922202	0.0985403	0.444133	-2.26597	0.293834	1.635003	1.635003	0.711844	0.845756	-1.18237	0.936343	1.03873	1.03873	0.188842	0.531645	-1.88096	1.3171	4.2529	2.87022	1
cg27100316	OAZ3/MRLP9	0.35426	0.704607	1.07787	1.07787	0.05886667	1.52209	1.52209	0.197963	1.30721	1.30721	0.153094	1.35152	1.35152	0.806749	0.952892	-1.04944	0.258206	1.26147	1.26147	0.893801	0.974046	-1.02665	0.230874	1.28076	1.28076	0.129359	1.38076	1.38076	1.3171	0.808594	0.545708	1
cg20032799	KIAA1462	0.35429	0.342672	1.91564	1.91564	0.493987	1.58701	1.58701	0.353088	2.44339	2.44339	0.108283	2.30353	2.30353	0.390962	3.402053	3.402053	0.276827	2.21441	2.21441	0.0547207	4.25847	4.25847	0.243227	2.2325	2.2325	0.496078	1.58336	1.58336	1.31709	9.22279	6.22455	1
cg08604014	SMYD3	0.35429	0.991096	1.0048	1.0048	0.040275	0.36174	-2.76441	0.990191	0.994738	-1.00529	0.195525	0.555717	-1.79948	0.364307	0.878935	-1.13774	0.764839	0.8792	-1.1374	0.0730111	0.423952	-2.35875	0.667236	1.20397	1.20397	0.8920168	1.05999	1.05999	1.31709	3.84178	2.59277	1
cg18772158	GAUNTL2	0.35429	0.261012	0.496433	-2.01437	0.873878	1.09955	1.09955	0.810526	1.15429	1.15429	0.675653	0.777726	-1.2858	0.0197304	0.185956	-5.37761	0.377998	0.582531	-1.71665	0.63955	0.754433	-1.3255	0.834966	0.882824	-1.13273	0.169475	0.417134	-2.39731	1.37109	7.44461	5.02429	1
cg15424344	TTYH2;MGC16275	0.35424	0.078093	0.16583	-6.03015	0.0636433	1.11396	1.11396	0.126446	1.80241	1.80241	0.472175	1.55466	1.55466	0.0928812	1.234542	-3.14723	0.794582	0.787025	-1.27061	0.1327701	2.52779	2.52779	0.431748	0.497792	-2.00859	0.242179	0.325129	-3.0757	1.37108	17.5735	11.8603	1
cg22771904	SMOC2;SMOC2	0.35425	0.600177	1.44473	1.44473	0.886005	1.03734	1.03734	0.830334	0.946635	-1.05637	0.310784	0.764888	-1.30738	0.0401469	0.545495	-1.8332	0.511112	0.843378	-1.18571	0.141242	1.49835	0.857537	1.04629	1.04629	0.590215	0.870275	-1.14906	1.37107	1.36251	0.919551	1
cg07865166	TIAP2	0.35426	0.259324	0.621571	-1.60857	0.074789	0.449586	-2.22923	0.030462	0.368122	2.71649	0.65434	0.833563	-1.19907	0.4910102	0.579935	-1.31937	0.6696	1.18912	-1.18912	0.489495	0.753075	-1.32788	0.840622	0.92191	-1.0847	0.909573	1.04696	1.04696	1.31707	3.4096	2.30708	1
cg19709146	FNBP4	0.35424	0.442514	2.50262	-1.98949	0.880486	1.1413	1.1413	0.722281	1.5832	1.5832	0.714207	0.723894	-1.38142	0.126888	0.234473	-2.68489	0.522937	0.566221	-1.76609	0.0723157	0.171725	-5.82327	0.982166	0.980556	-1.01983	0.258328	0.154828	-2.81827	1.37107	16.0979	10.8645	1
cg16955889	SOX2OT SERPINE2;SERPINE2;SERPINE2;SERPINE	0.35424	0.141713	0.31955	-3.1294	0.992382	0.99313	-1.00692	0.318606	0.475085	-2.10489	0.79626	1.20541	1.20541	0.630634	0.704819	-1.4188	0.369686	1.94486	1.94486	0.244016	0.414748	-2.4111	0.129621	0.26178	0.261728	0.299509	2.17355	2.17355	1.31706	10.875	7.33953	1
cg16202600	2	0.35425	0.955076	0.970655	-1.03023	0.838209	1.11415	1.11415	0.3862	1.59942	1.59942	0.551121	0.726992	-1.37553	0.928475	0.953642	-1.04861	0.764588	0.853184	-1.17208	0.120192	0.410157	-2.43809	0.112699	0.401369	-2.49148	0.0580304	0.322144	-3.10421	1.37104	5.83046	3.93506	1
cg12726213	WWP1	0.35423	0.207325	0.634834	-1.57633	0.110604	0.552134	1.81119	0.559055	0.830544	-1.20388	0.518238	0.799469	-1.25085	0.832445	0.910157	-1.0509	0.522274	1.24808	1.24808	0.302057	1.43986	1.43986	0.12596	1.76085	1.76085	0.576531	0.824651	-1.21263	1.31703	2.43917	1.6439	1
cg18652887	TRIM63;TRIM3	0.35426	0.762647	1.02923	1.02923	0.309624	1.09827	1.09827	0.0314019	1.27138	1.27138	0.206458	0.886129	-1.1285	0.35959	1.09371	1.09373	0.58781	0.949278	-1.05343	0.516193	1.06462	1.06462	0.896724	0.987724	-1.01243	0.997497	0.999702	-1.0003	1.31702	0.188718	0.127371	1
cg15483044	RBM25	0.35427	0.0631655	0.656845	-1.52243	0.606471	1.11016	1.11016	0.443051	0.854456	-1.17034	0.831014	1.04392	1.04392	0.137245	1.37978	1.37978	0.461278	1.16282	1.16282	0.352736	1.21206	1.21206	0.654939	0.913502	-1.09469	0.492715	0.869254	-1.15041	1.31701	0.84371	0.569444	1
cg20807902	SOX2OT;SOX2	0.35424	0.833412	0.92204	-1.08503	0.564503	1.03609	1.03609	0.818029	0.86067	1.80067	0.885718	0.993549	-1.0072	0.615525	0.823237	-1.21506	0.950357	0.419269	-2.38511	0.877314	0.944165	-1.06205	0.990049	0.990049	0.967196	-1.00046	0.738118	1.13969	1.3169	3.16739	2.13778	1
cg13200125	MYBPC3	0.35425	0.306647	0.679407	-1.47187	0.783712	0.904394	-1.10571	0.769392	1.11334	1.11334	0.593774	0.8215	-1.21729	0.705448	0.870501	-1.14876	0.120617	0.540733	-1.84934	0.114144	1.87322	1.87322	0.209742	0.617057	-1.6206	0.185554	0.598879	-1.66979	1.317	2.78225	1.87784	1
cg05748038	TRIM14;TRIM14;TRIM14;TRIM14	0.35428	0.430168	0.8723	-1.14604	0.707596	0.718425	1.39193	0.671082	0.929975	1.0753	0.988024	1.005955	1.00255	0.285393	1.20753	1.20753	0.991044	0.998094	-1.00101	0.492209	0.8672	-1.15314	0.974899	0.974641	-1.00547	0.0598641	0.685198	-1.45943	1.31699	0.602468	0.406629	1
cg12072290	RILPL1	0.35423	0.211589	1.6513	1.6513	0.761871	1.12281	1.12281	0.574819	1.24112	1.24112	0.329577	1.46738	1.46738	0.265688	1.5559	1.5559	0.040525	0.405933	-2.46346	0.603784	1.22084	1.22084	0.96983	1.01452	1.01452	0.746658	1.13149	1.13149	1.31695	3.02969	2.04492	1
ch.13.166775F	MTMR6	0.35427	?	?	?	?	?	?	?	0.649361	0.647356	-1.54472	?	?	?	?	?	0.0963929	0.176437	-5.66774	0.0664384	0.140148	-7.07174	0.721469	0.713645	-1.40519	0.810257	0.795663	-1.25681	1.30383	12.4323	12.7136	1
cg16655390	MITF;MITF;MITF;MITF	0.35435	0.332586	1.21152	1.21152	0.62701	1.10607	1.10607	0.15019	0.774732	1.14459	0.704012	1.06866	1.06866	0.0551286	1.284114	-3.44337	0.2277393	1.24181	1.24181	0.0528832	1.814103	1.814103	0.116958	1.11092	1.11092	0.768603	0.518788	1.11092	1.11092	1.31695	0.768603	0.518788	1
cg18769421	CD88/A1	0.35408	0.926986	0.97729	-1.02324	0.409949	1.23516	1.23516	0.953047	0.98535	-1.01487	0.970588	1.00928	1.00928	0.166264	0.690755	-1.44769	0.136475	1.49495	1.49495	0.13947	1.48972	1.48972	0.263998	0.746003	-1.33886	0.345912	1.27544	1.27544	1.31692	1.3102	0.884354	1
cg14094449	C14orf135	0.35408	?	?	?	?	1.17666	1.17666	0.832184	0.47138	0.47138	0.945301	1.08603	1.08603	0.0515044	2.744893	-2.74893	?	?	?	?	?	?	?	0.445817	-2.24308	?	?	?	1.31691	16.5329	14.5467	1
cg10765387	CD8L	0.35409	0.983814	0.988778	-1.01134	0.318404	0.56371	-1.77396	0.221002	0.489118	-2.0445	0.345151	0.582726	-1.71607	0.212241	0.481736	2.07583	0.298829	0.549595	-1.81952	0.364735	0.628227	2.8442	2.8442	0.366853	0.597327	-1.67413	1.31691	1.4441	4.34977	1
cg00576121	FAM59A	0.35415	0.494422	1.16864	1.16864	0.0557055	1.62729	1.62729	0.983783	1.00458	1.00458	0.180742	1.37602	1.37602	0.879835	0.966593	-1.03456	0.31192	0.790611	-1.26484	0.787593	1.06253	1.06253	0.110941	1.47705	1.47705	0.490703	1.17026	1.17026	1.3169	1.0521	0.710153	1
cg03109661	TMC8;TMC6	0.35418	0.92987	1.04393	1.04393	0.564503	1.14599	1.14599	-1.12225	0.522547	1.27004	-1.1531	0.111386	0.613427	-1.61818	0.614354	1.62864	0.212978	1.67085	1.67085	0.0624337	2.61657	2.61657	0.189381	0.522727	-1.91305	0.461125	0.704619	-1.41921	1.31689	0.434102	0.306515	1
cg27579609	MTR6	0.35432	0.64418	0.76171	-1.3914	0.487532	1.70859	-1.70859	0.218832	0.374497	-2.67025	0.304259	2.24348	2.24348	0.308404	0.449069	-2.22683	0.329116	2.1488	2.1488	0.121708	0.229676	-3.57556	0.613896	1.47161	1.47161	0.268442	2.3998	2.3998	1.31688	12.0293	8.11971	1
cg20047235	CDK5;CDK5;SLC4A2	0.35423	0.763364	1.07546	1.07546	0.0515	0.604158	0.683351	1.07188	1.07288	0.672651	1.03185	1.03185	0.745112	1.0272	1.0272	1.0272	0.255099	1.6924	1.6924	0.0209161	1.28604	1.28604	0.0177958	1.20969	1.20969	0.0158188	0.641453	0.641453	1.31688	0.602468	0.406629	1
cg12515582	DCTN2	0.35429	0.766469	1.10614	1.10614	0.150382	0.593262	-1.6856	0.193314	1.59396	1.59396	0.965411	1.01479	1.01479	0.240471	1.51623	1.51623	0.568277	1.21571	1.21571	0.0654876	2.01415	2.01415	0.89282	1.04672	1.04672	0.32723	1.40852	1.40852	1.31686	2.39242	1.61489	1
cg03353394	NDUFC2	0.35435	0.412791	0.771011	-1.297	0.350692	0.742062	-1.3476	0.0652219	0.525787	-1.90191	0.971147	0.98881	-1.0113	0.103208	0.574896	-1.73945	0.489359	0.804036	-1.24373	0.11907	0.559125	-1.69112	0.104989	0.57683	-1.73361	0.856206	0.945223	-1.05795	1.31685	2.01169	1.35792	1
cg05880111	TRIO	0.35434	0.863677	1.15741	1.15741	0.482	0.538156	-1.8582	0.67187	0.782715	1.27778	0.302033	1.53624	1.53624	0.0853102	1.779958	-1.22642	0.991044	0.998094	-1.00101	0.492209	0.8672	-1.15314	0.974899	0.974641	-1.00547	0.0598641	0.685198	-1.45943	1.31699	0.602468	0.406629	1
cg12794269	ZNF519	0.35435	0.632601	0.935968	-1.06841	0.9153	0.98549	-1.01472	0.694414	1.05575	1.05575	0.13193	0.79498	-1.25789	0.143407	0.805714	-1.24114	0.547087	0.916691	-1.08732	0.10374	0.783143	-1.27691	0.352596	1.14045	1.14045	0.386482	1.12972	1.12972	1.31682	0.393677	0.265742	1
cg08585800	TMEM128;TMEM128	0.35454	0.384607	1.74791	1.74791	0.288142	1.19115	1.19115	0.0938336	1.83402	1.83402	0.283333	1.7507	1.7507	?	?	?	0.549344	1.19577	1.19577	0.704365	1.1817	1.1817	0.21896	1.35058	1.35058	0.138182	1.85857	1.85857	1.62845	1.65845	3.55334	1
cg13658263	RUFY2;RUFY2	0.35454	0.927945	1.01021	1.01021	0.325942	1.12067	1.12067	0.159676	1.18386	1.18386	0.683853	1.25759	1.25759	0.513169	1.07734	1.07734	0.270023	0.878961	-1.13782	0.783782	1.03083	1.03083	0.145137	1.19214	1.19214	0.331578	1.1191	1.1191	1.3168	0.266346	0.177634	1
cg06640776	THUMPD3;THUMPD3	0.35361	0.0555852	0.389009	-2.57063	0.514092	0.749776	-1.33373	0.531942	0.759153	-1.31726	0.705841	0.847861	-1.17944	0.123445	0.483721	-2.06731	0.0888249	0.441799	-2.26347	0.160589	0.520822	-1.92004	0.478445	0.730782	-1.3684	0.773217	1.134	1.134	1.31678	3.9505	2.66677	1
cg17415451	CTNND2	0.35456	0.354902	1.62183	-1.61679	0.238142	1.19115	1.19115	0.0938336	1.83402	1.83402	0.283333	1.7507	1.7507	?	?	?	0.531053	1.1147	1.1147	0.729274	1.17473	1.17473	0.0625923	0.306409	-3.26361	0.170438	1.05793	1.05793	1.31678	1.19852	0.82305	1
cg14964494	ZNF548	0.35464	0.554358	0.502497	-1.99006	0.352042	1.35278	1.35278	0.68084	1.13961	1.13961	0.70634	0.74822	-1.3365	0.0993937	1.00026	1.00026	0.147961	0.612808	-1.63183	0.470683	0.793319	-1.26053	0.79973	1.08351	1.08351	0.389846	1.32051	1.32051	1.31677	2.07598	1.40139	1
cg13975233	TNFSF11;TNFSF11	0.35471	0.355305	1.21152	1.21152	0.62701	1.10607	1.10607	0.15019	0.774732	1.1444	0.704359	1.06866	1.06866	0.0551286	1.284114	-3.44337	0.2277393	1.24181	1.24181	0.0528832	1.814103	1.814103	0.116958	1.11092	1.11092	0.768603	0.518788	1.11092	1.11092	1.31677	0.768603	0.518788	1
cg05992079	SIT1	0.35473	0.736446	1.13465	1.13465	0.856916	1.06982	1.06982	0.457112	1.32737	1.32737	0.201403	1.65624	1.65624	0.138957	1.81415	1.81415	0.0271993	2.65801	2.65801	0.708158	0.868814	-1.15099	0.384924	1.39534	1.39534	0.860705	0.936426	-1.06789	1.31676	2.91658	1.96887	1
cg21609965	ZNF548	0.35474	0.94369	0.962181	-1.03778	0.829754	0.562358	-1.77822	0.222782	0.537258	0.970999	0.981089	-1.01928	0.602373	1.31188	1.31188	0.0380508	0.618656	1.62107	0.614969	0.780002	-1.28205	0.754308	1.32582	0.640845	1.56045	0.0193041	-1.09885	1.34575	1.31676	3.74944	3.88056	1
cg27237189	C10orf140	0.35431	0.648375	1.04254	1.04254	0.0626406	0.562358	-1.77822	0.222782	0.537258	0.970999	0.981089	-1.01928	0.602373	1.31188	1.31188	0.800021	1.05314	1.05314	0.403118	0.898525	1.11092	1.11092	0.768603	0.518788	1.11092	1.11092	0.768603	0.518788	1.11092	1.11092	1.31676	0.768603	0.518788	1
cg11253913	CALD1;CALD1;CALD1;CALD1;CALD1	0.35438	0.0923198	0.107085	-9.33836	0.822151	1.31192	1.31192	0.259989	4.12434	4.12434	0.438452	0.385576	-2.59352	0.0587017	0.0761486	-13.1322	0.727474	0.655806	1.52484	0.274113	0.65223	-1.5332	0.586267	0.515454	-1.94004	0.280029	0.25816	-3.87357	1.31671	30.3251	20.4719	1
cg21882307	CDH2	0.35439	0.9159597	1.09235	1.09235	0.630502	0.782311	-1.2827	0.434384	0.656355	-1.52357	?	0.490227	-2.04008	0.2524924	1.42762	0.676764	0.808773	1.23644	0.0350746	0.910112	0.942987	1.06048	0.426367	0.951194	1.05194	0.70808	0.827202	-1.20889	1.38377	0.49404	0.3662	1
cg03340303	VPS13B;VPS13B MBOAT7;MBOAT7;MBOAT7;MBOAT7;	0.3544	0.577183	1.44824	1.44824	0.739452	1.24589	1.24589	0.520552	0.651177	-1.53569	0.094749	3.36199	3.36199	0.913366	1.07432	1.07432	0.54003	1.50475	1.50475	0.0760732	3.6701	3.6701	0.0814468	3.56838	3.56838	0.30774	2.00459	2.00459	1.31668	9.0476	6.10801	1
cg24434274	TSEN34;TSEN34	0.35442	?	?	?	?	0.335938	1.58899	1.58899	0.838039	1.10024	1.10024	0.349331	0.637839	-1.56779	0.278959	0.591322	-1.69113	0.273142	1.70287	1.70287	?	?	?	0.116911	0.451577	-2.21446	0.431174	0.687291	-1.45499	1.30956	3.51418	3.06685	1
cg24847572	HSPA13	0.35442	0.462313	0.865115	-1.1559	0.373969	1.19328	1.19328	0.59234	1.10027	1.10027	0.356425	1.20161	1.20161	0.667641	1.00789	1.00789	0.242288	0.789026	-1.26739	0.0487499	0.646737	-1.54622	0.536059	0.885742	-1.129	0.439234	1.16504	1.16504	1.31668	0.782816	0.527811	1
cg08378980	C1orf81	0.35442	0.511632	0.848917	-1.17794	0.481577	1.29157	1.29157	0.860025	0.644118	0.644118	0.213387	0.916287	1.09146	0.977707	1.02269	1.02269	0.26287	0.750397	1.33263	0.0823892	1.73499	1.73499	0.0907707	1.00712	1.00712	0.113383	1.49195	1.49195	1.31667	1.26206	0.853222	1
cg07992040	NFXL1 DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2	0.35449	0.87636	0.972867	-1.02789	0.984216	1.0035	1.0035	0.845403	1.03509	1.03509	0.421692	0.865008	-1.15606	0.101122	1.37327	1.37327	0.380542	1.17224	1.17224	0.319619	1.19927	1.19927	0.824269	1.04008	1.04008	0.0366843	1.53554	1.53554	1.31666	0.650935	0.439452	1
cg26155719	A;DIP2A	0.35443	0.564231	2.0737	2.0737	0.0349186	21.6565	21.6565	0.0616278	13.9306	13.9306	0.982988	1.02704	1.02704	0.463373	2.54452	2.54452	0.891198	1.18679	1.18679	0.888205	0.838621	-1.19243	0.630433	0.545221	-1.83412	0.986423	0.978934	-1.02152	1.31665	32.6476	22.0409	1
cg10131891	CBFA2T3	0.35442	0.290783	0.607567	-1.64591	0.60851	1.26467	1.26467	0.407474	1.46981	1.46981	0.907152	1.05446	1.05446	0.507004	0.736403	-1.35795	0.515964	0.741283	-1.34901	0.0348223	0.32691	-3.05895	0.313744	1.60571	1.60571	0.823624	1.10679	1.10679	1.31663	4.30799	2.90843	1
cg16520429	MEF2A;MEF2A;MEF2A;MEF2A	0.35442	0.410312	1.49388	1.49388	0.241241	1.14158	1.77744	1.77744	1.18685	0.130009	1.91256	1.91256	1.91256	0.0170041	1.42757	-1.18685	0.274442	1.20257	1.20257	0.163085	1.38168	1.38168	0.0236959	1.709	1.709	0.208779	2.06099	2.06099	1.31663	0.67723	0.85824	1
cg11193169	TSPAN5	0.35421	0.973059	1.01294	1.01294	0.0388993	2.48443	2.48443	0.0665136	2.18844	2.18844	0.984898	0.992822	-1.00723	0.851156	0.930999	-1.07412	0.408426	1.37964	1.37964	0.245707	1.58742	1.58742	0.736432	1.13721	1.13721	0.830918	0.923138	-1.08479	1.31663	3.02084	2.03945	1
cg00469660	TPCN2	0.35426	0.992355	1.00782	1.00782	0.914144	1.3758	1.3758	0.145811	0.551821	0.551821	0.0887398	1.08826	1.08826	0.0691958	1.264027	-1.26749	0.964916	0.950419	-1.05219	0.892227	0.698608	1.43177	0.774846	1.29058	1.29058	0.0773479	1.28933	0.213729	0.427016	1.31664	1.31664	1.31663	0.427016	0.213729	1
cg22538505	BAT2 FLJ35220;FLJ35220;FLJ35220;LOC10029	0.35443	0.411033	0.775357	-1.28973	0.61599	1.16539	1.16539	0.513419	1.22213	1.22213	0.447335	0.791039	-1.26416	0.0446411	0.497683	2.00931	0.0913578	0.569644	-1.75548	0.999269	0.999721	-1.00028	0.736047	1.10783	1.10783	0.480352	0.804821	-1.24251	1.31661	1.91024	1.28967	1
cg22558474	4362	0.35435	0.436132	1.36758	1.36758	0.994633	1.02065	1.02065	0.64777	0.833767	-1.19938	0.257807	0.639738	-1.56314	0.853598	1.0755	1.0755	0.137655	1.87753	1.87753	0.0503129	0.415134	-2.40886	0.717698	0.866702	-1.1538	0.161829	1.2206	1.2206	1.31659	3.23744	2.18573	1
cg04153551	FBLN5	0.35436	0.550304	0.805651	-1.24123	0.525572	1.25862	1.25862	0.0520261	2.20431	2.20431	0.0607459	2.12972	2.12972	0.953484	1.02108	1.02108	0.943889	1.02549	1.02549	0.911896	0.961194	-1.04037	0.629103	0.84027	-1.19009	0.346106	1.41476	1.41476	1.31659	2.66633	1.80015	1
cg17788149	SPRS6	0.35438	0.775802	1.65184	1.65184	0.17439	0.250495	1.97375	1.97375	0.134172	0.61218	2.6628	2.6628	2.6628	0.0977724	1.47553	-2.6628	?	?	?	?	?	?	?	0.134884	0.52018	0.52018	0.354827	1.72103	1.72103	1.7504	1.31655	1.48455	1
cg03321771	SMAD6;SMAD6;SMAD6	0.35444	0.68646	1.10233	1.10233	0.423855	0.821934	-1.21664	0.576151	1.14521	1.14521	0.557477	1.15307	1.15307	0.901475	0.970704	-1.03018	0.0296922	1.84856	-1.84856	0.18687	1.39918	1.39918	0.418005	1.20916	1.20916	0.192904	1.3921	1.3921	1.31657	1.20181	0.811404	1
cg21589526	MIR122 SYTL2;SYTL2;SYTL2;SYTL2;SYTL2;SYTL2;	0.35453	0.152855	0.388021	-2.57718	0.104127	0.333309	-3.00022	0.0979956	0.525504	-3.07216	0.832888	1.13957	1.13957	0.469693	0.634564	-1.57588	0.269066	0.490788	-2.03754	0.186028	0.402216	-2.37973	0.820131	1.15123	1.15123	0.568158	1.42864	1.42864	1.31655	7.97266	5.38286	1
cg09855212	SYTL2;SYTL2	0.35453	0.320255	0.668867	-1.49506	0.132272	0.885511	1.88551	0.24856	1.6037	1.6037	0.756729	0.885432	-1.12939	0.871832	1.06527	1.06527	0.647273	1.19769	1.19769	0.452707	0.741145	-1.34926	0.0582332	1.21207	1.21207	0.905914	0.954755	-1.04739	1.31655	3.19729	2.1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1477 vs. N)	p-value(1477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg03146875	MPV17	0.354826	0.0560864	0.58463	-1.71046	0.34869	1.27582	1.27582	0.160392	1.45038	1.45038	0.512891	0.855003	-1.16959	0.28112	1.32036	1.32036	0.7605666	0.026979	-1.07877	0.583776	0.871744	-1.14713	0.910469	1.0283	1.0283	0.819327	0.943793	-1.05953	1.13561	1.28233	0.866407	1
cg03783238	CDL114A2;CDL114A2;CDL114A2;CDL11A2	0.354833	0.531865	0.849535	-1.17711	0.0357115	1.87649	1.87649	0.856619	1.04768	1.04768	0.248216	1.36458	1.36458	1.342098	0.777193	-1.28668	0.6214883	0.87971	-1.13674	0.266943	1.3211	1.3211	0.917822	1.02693	1.02693	0.726799	0.915163	-1.09453	1.15559	1.38168	0.935545	1
cg07182965	FBXO15;FBXO15;C18orf55	0.354842	0.0537527	0.268753	-3.7209	0.923707	0.944196	-1.0591	0.163163	0.547962	-1.82494	7	?	0.261376	0.582267	-1.71743	0.0402026	0.334688	-2.98785	0.2149667	0.547322	-1.82708	0.769122	1.14557	1.14557	0.388175	0.664729	-1.50437	0.756433	1.15449	1.32155	0.939558	3.00147	1
cg03215315	GSTCD;NT512;INT512;GSTCD SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.354847	0.535279	1.33629	0.562072	0.762871	-1.31084	?	?	?	?	0.261376	0.582267	-1.71743	0.0402026	0.334688	-2.98785	0.2149667	0.547322	-1.82708	0.769122	1.14557	1.14557	0.388175	0.664729	-1.50437	0.756433	1.15449	1.32155	0.939558	3.00147	1
cg14530006	SEPT9	0.354849	0.126739	0.447234	-2.23597	0.679349	1.22444	1.22444	0.770087	1.15346	1.15346	0.39969	0.657053	-1.52195	0.0572854	0.350759	-2.85096	0.8232296	1.11511	1.11511	0.550369	0.745013	-1.34226	0.345713	0.623082	-1.60492	0.108537	0.426233	-2.34614	1.31555	4.94452	3.34091	1
cg07983994	TBC1D16	0.354851	0.744823	1.1184	1.33214	0.435214	1.96175	1.96175	0.348107	1.26513	1.26513	0.449095	1.92105	1.92105	0.366492	0.454587	-2.1998	0.549844	0.596081	-1.67753	0.13407	2.344241	-2.09432	0.57183	0.616588	-1.62183	0.0916533	4.81606	4.81606	1.31554	14.9261	10.0853	1
cg23914146	FAM59A	0.354854	0.827379	0.958341	-1.04347	0.136636	1.37446	1.37446	0.156279	1.3408	1.3408	0.523266	1.13434	1.13434	0.685409	0.923715	-1.08259	0.828593	1.04315	1.04315	0.901881	0.712082	-1.40433	0.2113288	1.29257	1.29257	0.866859	0.967835	-1.03323	1.31556	0.7909995	0.534464	1
cg00345965	PSMD4	0.354859	0.582151	0.918668	-1.08853	0.799825	1.03955	1.03955	0.11137	1.30307	1.30307	0.11942	0.77264	-1.29426	0.674947	0.937646	-1.0665	0.327321	0.856969	-1.1669	0.277051	0.841501	-1.18835	0.339223	1.16226	1.16226	0.52981	1.10204	1.10204	1.31552	0.485479	0.328035	1
cg11482719	ARI3	0.354862	0.0227522	0.80484	7.808645	0.596339	0.0703308	0.0703308	0.003927	1.56707	1.56707	0.689526	0.753678	-1.34485	0.376644	0.507873	-1.98105	0.723531	0.76518	-1.30688	0.447958	0.55385	-1.79099	0.658805	0.715506	-1.39761	0.930198	1.06825	1.06825	1.31551	1.81808	0.799407	1
cg13154472	ILI7RA	0.354868	0.714145	0.939209	-1.06473	0.6260585	0.919696	-1.08732	0.453887	0.87804	-1.1389	0.168863	1.28392	0.0543514	0.689217	-1.45092	0.834844	0.965034	-1.03623	0.168741	1.28402	0.980186	1.00424	1.00424	0.882291	0.975058	-1.02558	1.3155	0.6055522	0.409153	1
cg17178327	NEK4	0.354871	0.95268	0.984078	-1.01319	0.411935	1.2036	1.2036	0.711131	0.925107	-1.08565	0.301179	0.78926	-1.26701	0.187816	1.36117	1.36117	0.178031	1.37086	1.37086	0.0641958	0.875651	-1.11941	0.5563	1.14049	1.14049	0.3155	1.10583	0.6870378	1	
cg06025938	AIM1	0.354874	0.429666	0.729242	-1.37129	0.49942	1.74427	1.74427	0.633265	1.2051	1.2051	0.826069	0.917414	-1.09002	0.247097	0.622507	-1.60641	0.926452	0.964485	-1.03682	0.0761725	0.461717	-2.16583	0.400006	0.40134	1.40134	0.26214	0.63258	-1.58083	1.31549	3.19595	2.15954	1
cg14750743	AGPAT1;AGPAT1	0.354883	0.352743	0.604417	-1.65449	0.116701	0.407601	-2.45338	0.559233	0.732754	-1.36472	0.361562	1.63857	1.63857	0.267607	0.544403	-1.83687	0.323334	0.584432	-1.71106	0.544133	0.732962	-1.38129	0.117448	0.244814	0.825745	0.890386	-1.12311	1.31546	0.577604	3.90301	1
cg08315825	GFI1B	0.354884	0.497122	1.44598	1.44598	0.355825	0.449853	2.22295	0.267945	0.539199	-1.85391	0.385703	0.509196	1.60916	0.417259	0.641809	-1.5581	0.445857	0.691881	-1.51543	0.885802	0.92612	-1.07977	0.0854067	2.76549	2.76549	0.610733	1.31603	1.31546	0.961591	4.02861	1
cg26752679	LRP18	0.354889	0.373873	1.16813	1.16813	0.827802	1.03778	1.03778	0.649153	1.0811	1.0811	0.162556	0.775833	-1.28894	0.283668	1.2088	1.2088	0.193099	0.790984	-1.26425	0.102284	1.35583	1.35583	0.486936	1.12778	1.12778	0.763618	0.949949	-1.05269	1.31545	0.6038344	0.40803	1
cg26894807	GPR89A;GPR89A	0.354805	0.331884	0.727916	-1.3852	0.2941935	1.82018	1.82018	0.164198	0.636838	-1.62117	0.199865	0.643504	-1.55399	0.920638	0.968082	-1.03297	0.683607	1.14265	1.14265	0.307005	1.43089	1.43089	0.667021	0.946912	-1.05606	0.547593	0.820301	-1.21906	1.31543	2.20735	1.49159	1
cg00941820	ADAMTS17	0.354905	0.329012	0.67785	2.67785	0.254932	2.58436	2.58436	0.307929	0.7265	-1.37636	0.24332	0.318865	1.26751	0.22675	2.27675	?	0.244764	2.6431	2.6431	0.367325	0.477241	-2.09358	0.172684	0.313718	-1.38757	0.714736	1.34075	1.34075	1.31539	11.789	8.98285	1
cg01099252	FAM53C;FAM53C	0.354912	0.142789	1.42256	1.42256	0.244623	1.31305	1.31305	0.46082	1.17885	1.17885	0.778976	0.938983	-1.06498	0.107816	0.675265	-1.4809	0.810986	1.05507	1.05507	0.678068	0.910824	-1.09791	0.308667	1.26588	1.26588	0.207739	1.34614	1.34614	1.31539	1.04309	0.704881	1
cg08085609	ZNF780;ZNF780;ZNF780;ZNF780	0.354915	0.154084	1.44416	1.44416	0.604847	0.882061	-1.2152	0.132387	1.47868	1.47868	0.204447	1.38062	1.38062	0.406156	1.22716	1.22716	0.158092	1.43713	1.43713	0.685714	0.906651	-1.10296	0.0722564	1.30174	1.30174	0.750564	1.07985	1.07985	1.31538	1.20876	0.816837	1
cg14304014	TCF3;TCF3	0.354915	0.745651	0.926401	-1.07945	0.878759	0.964782	-1.0365	0.126077	0.6779	-1.47514	0.68516	0.908704	-1.10047	0.030925	0.551486	-1.81328	0.227169	0.742456	-1.34688	0.819998	1.054099	1.054099	0.889558	0.967893	-1.03317	0.164391	0.705781	-1.41687	1.31538	1.14927	0.77664	1
cg13679077	TDMD7	0.354923	0.8856096	0.90423	1.10695	0.0161814	0.9439378	1.06332	0.228314	1.16391	1.16391	0.228134	1.14329	1.14329	0.0755111	1.22662	1.22662	0.793016	1.26116	1.26116	0.127909	1.21662	1.21662	0.379959	0.0232832	1.02832	1.02832	0.977507	0.671559	0.754306

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5633 vs. N)	Fold-Change(5 vs.5633)	F(Error)
cg03507332	TCF7L2	0.355363	0.0474631	0.126296	-7.91793	0.946192	1.06353	0.63953	1.53786	0.447462	0.49091	-2.03703	0.171767	0.265125	-3.7718	0.178066	0.270927	-3.69103	0.120287	0.214847	-6.65447	0.481537	0.520562	-1.921	0.459116	0.502641	-1.98949	1.31425	17.3338	11.7237	1
cg15660353	GPR39; SAPS3;SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.355365	0.425757	0.508544	-1.9664	0.0310769	8.19987	8.19987	0.599576	1.55341	1.55341	0.324588	0.429224	-2.32978	0.413842	0.499309	-2.00277	0.619527	0.65958	-1.51612	0.525924	0.586063	-1.7063	0.581036	0.629112	-1.58952	0.765083	0.779464	-1.28293	1.14325	14.3881	9.73136	1
cg17404081	3	0.355371	0.679786	0.932878	-1.07195	0.255113	1.22207	1.22207	0.152146	1.29279	1.29279	0.806889	1.0419	1.0419	0.464568	0.882921	-1.1326	0.180217	0.788018	-1.26901	0.44615	0.876879	-1.14041	0.413102	0.869293	-1.15036	0.174369	1.27364	1.37423	0.583312	0.394527	1
cg16337763	GAUNT4	0.355375	0.172886	0.489725	-2.04196	0.171289	2.04814	2.04814	0.852451	1.09597	1.09597	0.143585	0.46139	-2.16736	0.208594	0.52074	-1.92027	0.600338	0.7709	-1.29718	0.436761	0.676731	-1.47769	0.637402	0.791616	-1.26324	0.147416	1.46525	-2.14927	1.5422	0.04248	3.41055	1
cg13709561	SCARA5	0.355376	0.69542	1.50025	1.50025	0.252347	2.29151	-3.43042	0.652001	1.59684	1.59684	0.420997	0.428484	-2.33381	0.0356026	0.0803204	-12.4501	0.27312	0.308564	-3.24082	0.16899	0.220734	-4.53034	0.941324	0.926918	-1.07884	0.312851	0.340877	-2.93361	1.31422	22.1218	14.9624	1
cg16809457	MDN1	0.355378	0.528259	1.87772	1.87772	0.2928556	0.161537	-6.19914	0.408923	0.434469	-2.30166	0.585596	1.72098	1.72098	0.553807	1.80502	1.80502	0.703056	1.45883	1.45883	0.534276	1.86015	1.86015	0.663609	1.50707	7.81807	0.569263	1.76312	1.76312	0.13421	20.2384	13.6886	1
cg19017096	EPB41L1;EPB41L1	0.355382	0.0470009	0.17213	-5.80282	0.272325	0.413991	-2.41551	0.156151	0.309324	-3.23286	0.587474	0.610232	-1.63872	0.264358	0.406662	-2.45904	0.489871	0.581293	-1.7203	0.172672	0.325477	-3.07242	0.548692	0.625414	-1.59894	0.083052	0.223077	-4.48276	1.3142	12.4505	8.42413	1
cg23347958	DHX8	0.355382	0.729756	0.905161	-1.10478	0.319668	1.34377	1.34377	0.281914	1.37892	1.37892	0.888073	1.04129	1.04129	0.125496	0.620998	-1.61031	0.523125	0.830319	-1.20436	0.0698447	0.558504	-1.7905	0.352935	0.759846	-1.31606	0.958632	0.985206	-1.01502	1.3142	1.7184	1.16228	1
cg05752664	TSC2;TSC2;TSC2	0.355384	0.43837	2.28867	2.28867	0.2776	1.97376	-1.97372	0.857384	1.08858	1.08858	0.242461	0.654227	-1.52907	0.0432	0.657	-1.52173	0.663611	0.83183	-1.2074	0.324995	0.543812	-1.83887	0.502461	0.695343	-1.43814	0.1342	0.463558	2.15743	1.31403	1		
cg03949008	ARSD;ARSD	0.355384	0.282902	4.13795	4.13795	0.824731	-1.32621	1.32621	0.216156	5.24215	5.24215	0.835957	0.768036	-1.30202	0.436144	0.363775	-2.74895	0.522171	0.437945	-2.28339	0.947231	1.0879	1.0879	0.0298308	25.889	25.889	0.857868	1.795584	-1.25631	1.3142	33.7218	22.8085	1
cg02933139	ISSP9B HFE;HFE;HFE;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(1 vs.057)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. N)	Fold-Change(1 vs.N)	p-value(347T vs. N)	Fold-Change(1 vs.347T)	p-value(347T vs. N)	Fold-Change(1 vs.N)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. N)	Fold-Change(5 vs.537T)	p-value(563T vs. N)	Fold-Change(5 vs.563T)	p-value(563T vs. N)	Fold-Change(1 vs.N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
ep2735811	TMSF3		0.557863														0.0543489	0.68424	-1.46148	0.96119	1.08446	1.08446	0.219817	0.799126	-1.25137	0.3865	1.16682	1.16682	1.31274	0.627998	0.425233	1
ep24878594	FBXO2		0.557863		0.082525	-1.66001	0.137525	0.400436	-2.49728	0.304119	0.543884	-1.83863	0.276804	1.91031	1.91031	0.105618	0.363642	-2.74996	0.593188	1.36147	1.36147	0.189522	0.451469	-2.21499	0.540641	0.701564	-1.42539	0.760331	1.19134	1.19134	1.31274	0.807	4.60979	1
ep16332283	PDXK		0.0616644	0.358211	-2.79165	0.711927	0.834509	-1.19831	0.804359	0.885983	-1.12869	0.715739	1.19529	1.19529	0.643808	1.25497	1.25497		0.529764	0.733087	-1.36409	0.0762595	0.382101	-2.61711	0.112219	0.430195	-2.32452	0.656043	0.803605	-1.24439	1.31271	4.94623	3.34928	1
ep20762310	VPS52;RPS18		0.0648824	1.12119	1.12119	0.361504	1.2832	1.2832	0.833811	1.07544	1.07544	0.0195735	0.472397	-2.11686	0.898215	0.960555	-1.03461		0.393402	0.79246	-1.26189	0.455332	0.816977	-1.22402	0.875323	1.04255	1.04255	0.965039	0.988416	-1.01172	1.31271	1.4693	0.994921	1
ep07926618	CROCC		0.557863		0.100724	0.176222	-5.67465	0.908156	0.894544	-1.11789	0.847847	1.2038	1.2038	0.431233	0.460360	-2.17217	0.0585971	0.127528	-7.84141		0.131473	0.207559	-4.81792	0.246089	0.300944	-3.32639	0.234719	0.30037	-3.32923	0.284939	0.342145	-2.92273	1.31268	19.3856	13.1271	1
ep25403803	DDX0		0.557863		0.0479533	0.138057	-2.34139	0.248002	2.8796	2.8796	0.568494	1.65439	1.65439	0.897572	0.89334	-1.11939	0.118731	0.226939	-4.40647		0.414119	0.334383	-2.99058	0.5785	0.478823	-2.08846	0.524285	2.33203	2.33203	0.855958	1.26925	1.26925	1.31265	35.7957	24.2398	1
ep23476830	ZIC5		0.880777	1.06963	1.06963	0.98471	1.01149	1.01149	0.666873	3.40406	3.40406	0.916551	0.902182	-1.03248	0.737125	1.23233	1.23233		0.919001	0.941146	-1.06203	0.239763	0.463208	-2.15886	0.181733	2.1913	2.1913	0.102732	2.89975	2.89975	1.31263	7.50363	5.00615	1
ep14299539	SPTLC1;SPTLC1		0.557863		0.507629	0.91941	-1.08765	0.533288	1.01052	1.01052	0.58014	1.07234	1.07234	0.597938	0.931199	1.1191	1.1191	0.958254	0.842823	-1.18649		0.804756	1.03144	1.03144	0.903062	1.03555	1.03555	1.22617	0.270232	1.15431	1.15431	0.121457	0.81068	-1.23353	1.31263	0.324846	0.21998	1
ep05873873	PSMD11		0.356019		0.81884	0.965905	-1.0353	0.818703	1.03533	1.03533	0.940021	0.988686	-1.01144	0.649756	0.933207	-1.07157	0.217705	1.21663	1.21663		0.994251	1.00109	1.00109	0.0206179	0.655990	-1.52439	0.918502	1.0156	1.0156	0.584377	1.08711	1.08711	1.3126	0.475326	0.32189	1
ep20127886	MEA1;ME2		0.356028		0.0496644	0.861405	-1.16111	0.86337	1.15153	1.15153	0.731774	1.09607	1.09607	0.393914	0.388621	1.38625	1.38625		0.760421	1.31579	1.31579	0.290357	0.709065	0.631867	-1.58201	0.215461	1.36212	1.36212	0.264292	1.25812	1.25812	0.911115	0.972874	1.10788	1.10788	1.26082	0.853841	1
ep12315713	CCDC67;CCDC67		0.356031		0.785218	1.13019	1.13019	0.305945	1.60786	1.60786	0.925551	1.04276	1.04276	0.67824	0.829302	-1.20583	0.413884	0.687822	-1.45387		0.720282	0.851211	-1.1748	0.146359	0.497311	-2.01081	0.0665959	2.51317	2.51317	0.285702	1.6434	1.6434	1.31257	4.17266	2.82579	1
ep05946155	SIDS;TYW1		0.356032		0.802059	0.957376	-1.04452	0.661761	0.878828	-1.13788	0.964858	0.987156	-1.01301	0.365166	1.31392	1.31392	0.689432	1.12509	1.12509		0.157783	0.626576	-1.59827	0.0378638	0.493381	-2.02683	0.585133	1.17556	1.17556	0.559663	1.18895	1.18895	1.31257	1.78969	1.212	1
ep26606556	FARSA		0.356035		0.303022	1.20245	1.20245	0.182444	1.277	1.277	0.284211	1.21196	1.21196	0.371761	1.21859	1.21859	0.849208	1.03344	1.03344		0.544118	1.11193	1.11193	0.448416	0.875028	-1.14282	0.178623	1.28009	1.28009	0.0455984	1.48604	1.48604	1.31256	6.620748	0.420383	1
ep20981163	HLA-DPB1		0.356046		0.627308	2.32658	2.32658	0.039571	60.8298	60.8298	0.343735	0.185764	-5.38316	0.593452	2.5338	2.5338	0.177582	0.0843464	-11.8559		0.56188	2.75158	2.75158	0.871065	1.32357	1.32357	0.67776	0.48619	-2.05681	0.601012	0.402273	-2.48588	1.31253	61.9156	41.9313	1
ep30848394	WDR51A;WDR51A;WDR51A		0.356048		0.705822	1.08224	1.08224	0.851237	1.03889	1.03889	0.32725	1.23462	1.23462	0.0566455	0.672864	-1.48677	0.562736	-1.56079	0.742452	1.3701	1.3701	0.113682	1.11185	1.11185	0.168225	1.35381	1.35381	0.166722	1.35968	1.35968	1.31253	0.902814	0.614416	1
ep00567536	PTPN23		0.356047		0.592571	1.11313	1.11313	0.705033	1.07838	1.07838	0.738026	0.935563	-1.06888	0.130988	0.723565	-1.38205	0.32288	0.816593	-1.2246		0.0967393	0.696437	-1.43588	0.163811	1.3429	1.3429	0.369334	0.832815	-1.20075	0.786455	0.947543	-1.05536	1.31253	0.818459	0.554288	1
ep27299616	DYNC1H1		0.356051		0.77494	0.916239	-1.09137	0.403033	1.30029	1.30029	0.233429	1.46513	1.46513	0.0324417	0.68396	-1.4613	0.0324417	0.126536	2.16536	0.478805	1.24553	1.24553		0.566063	0.837837	-1.19355	0.974765	0.990409	-1.00969	0.562822	1.19535	1.19535	0.113513	1.6431	1.6431	1.31252	1.93385	1.30968	1
ep07477157	CDC42EP2		0.356051		0.583794	1.04597	1.04597	0.56349	0.851135	-1.1749	0.117841	0.825808	-1.59793	0.615312	0.869863	1.15029	0.568		0.709946	1.1081	1.1081	0.0699863	1.7402	1.7402	0.361645	1.29537	1.29537	0.362976	1.29439	1.29439	1.31252	1.58341	1.07235	1
ep07740705	SNX19		0.356053		0.967283	1.02064	1.02064	0.0835466	2.5958	2.5958	0.0530749	2.98819	2.98819	0.605264	1.29649	1.29649	0.527918	0.727247	-1.37505		0.481631	0.700325	-1.42791	0.308741	1.68987	1.68987	0.923864	1.04876	1.04876	0.730529	0.841819	-1.1879	1.31251	5.15589	3.49179	1
ep26062856	ATP10A		0.356054		0.946482	0.968705	-1.03231	0.733513	1.06236	1.06236	0.567203	0.957203	0.38262	-2.61356	0.896448	1.00362	-1.00362	0.0852	0.765421	1.30589	1.30589	0.290357	0.768403	0.644291	-1.55102	0.142515	1.24746	1.24746	0.806653	1.60732	1.60732	1.31251	4.66329	3.15819	1
ep02336491	E4F1		0.356059		0.15654	0.683471	-1.46312	0.157175	1.46215	1.46215	0.858425	0.956152	-1.04586	0.591221	0.872714	-1.14585	0.871909	1.04135	1.04135		0.299774	0.763493	-1.30977	0.427524	1.2256	1.2256	0.102685	1.56581	1.56581	0.698546	1.02666	1.02666	1.3125	1.31085	0.887775	1
ep07453786	SEPW1		0.356063		0.217816	1.12639	1.12639	0.0978229	0.783633	1.27611	0.198761	0.744256	-1.34357	0.0557954	-1.023	0.163249	0.860948	0.973514	-1.0271		0.446106	1.10551	1.10551	0.284496	1.15427	1.15427	0.0133463	1.0887	1.0887	0.557317	1.07966	1.07966	1.3249	0.784716	0.234815	1
ep02892577	GRK5		0.356065		0.234848	0.433292	-2.30791	0.0357622	0.19377	-5.16075	0.0631094	0.2456	-4.07166	0.378456	0.545019	-1.8348	0.885261	1.10184	1.10184		0.418346	0.57381	-1.74274	0.5971	0.698871	-1.43088	0.763542	0.816566	-1.22464	0.939342	0.950167	-1.05245	1.31248	9.37775	6.35115	1
ep27394566	PLD4		0.356071		0.673752	1.23177	1.23177	0.0707207	2.70248	2.70248	0.254681	1.79587	1.79587	0.55045	0.742749	-1.34635	0.770327	1.15502	1.15502		0.244925	1.8199	1.8199	0.0473788	3.05494	3.05494	0.250534	1.25171	1.25171	0.95824	1.02611	1.02611	1.31247	5.03761	3.4118	1
ep05042439	ADHFE1		0.356073		0.0825442	1.32462	1.32462	0.105192	1.29545	1.29545	0.604859	1.08023	1.08023	0.211033	0.826293	-1.21002	0.779755	0.959609	-1.04204		0.384823	1.17913	1.17913	0.313128	1.16509	1.16509	0.453903	1.11799	1.11799	0.804268	0.964348	-1.03697	1.31247	0.444295	0.300906	1
ep00781985	SDCCAG1		0.356073		0.827034	0.945304	-1.05786	0.846909	0.951532	-1.05094	0.217662	1.39564	1.39564	0.226905	1.38555	1.38555	0.348275	1.28174	1.28174		0.0320234	1.90733	1.90733	0.440245	1.24774	1.24774	0.805251	1.06556	1.06556	0.462596	0.825314	-1.21192	1.31246	1.37336	0.930133	1
ep07802917	MYLK;MYLK;MYLK;MYLK		0.356088		0.604651	1.3447	1.3447	0.371209	1.05971	-1.06337	0.648896	0.638936	-1.5651	0.240687	0.850567	1.17647	0.850567	0.806709	2.0995	2.0995		0.2770361	0.526784	-1.89831	0.7	1.1471	1.1471	0.503084	1.46272	0.638861	0.764868	0.740736	-1.35035	1.31245	5.59227	4.52613	1
ep09024023	PHF21A;PHF21A		0.356092		0.585323	0.779774	-1.28209	0.079737	1.40162	2.40373	0.140041	-2.22933	0.799505	0.891556	-1.12163	0.145207	0.0493856	0.249488	2.02488		0.86815	0.927805	-1.07781	0.339305	1.55923	1.55923	0.563577	1.30127	1.30127	0.479616	0.723165	-1.38281	1.31241	1.22808	2.86365	1
ep24139895	NXT2		0.356094		0.170353	0.373917	-2.67439	0.909061	1.08002	1.08002	0.333512	1.95817	1.95817	0.081942	3.66393	3.66393	0.384738	1.82281	1.82281		0.157202	0.36091	-2.77077	0.82393	0.8606	-1.16198	0.834346	1.15152	1.15152	0.885547	1.10189	1.10189	1.31241	9.43381	6.38948	1
ep08138837	KCND1;KCND1		0.356112		0.197994	0.405143	-2.46972	0.0288049	0.19436	-5.1502	0.0418372	0.19436	-5.14484	0.0814115	0.45116	-2.21626	0.150207	0.0597203	0.38262	-2.61356	0.896448	1.00362	-1.00362	0.0852	0.765421	1.30589	1.30589	0.290357	0.768403	0.644291	-1.55102	0.142515	1.24746	1.24746	0.806653	1.60732	1.60732	1.31241	4.66329	3.15819	1
ep15813427	WHSC1;WHSC1;WHSC1;WHSC1		0.356112		0.272341	0.675236	-1.48096	0.106919	0.546115	-1.83112	0.215955	0.639179	-1.56451	0.837047	1.07811	1.07811	0.02913	0.413249	2.41985		0.732141	0.888619	-1.12534	0.346274	0.716513	-1.39565	0.766154	0.90257	-1.10795	0.690194	0.871357	-1.14764	1.31236	2.45528	1.66301	1
ep21961527	UHX1		0.356123		0.289726	1.47151	1.47151	0.0183267	0.615152	-1.62477	0.0976507	0.459363	-2.17694	0.0881288	0.744958	-1.34257	0.0192976	0.0723193	1.38476		0.2880664	1.1004	1.1004	0.955144	0.757184	-1.32068	0.198474	0.393956	-2.53844	0.0178	0.403643	0.403643	1.3124	0.780716	0.234815	1
ep17112089	CTTNBP2		0.356113		0.766264	0.894364	-1.11811	0.436466	1.34623	1.34623	0.890399	1.05299	1.05299	0.1257	0.537633	-1.86	0.791086	1.10454	1.10454		0.0390284	0.408746	-2.44651	0.581975	1.23149	1.23149	0.303303	0.6707888	-1.49079	0.961585	1.0182	1.0182	1.31236	0.91514	1.97448	1
ep18944640	ADAR2		0.356113		0.241369	1.47556	1.47556	0.0854851	1.83279	1.83279	0.170964	1.5914	1.5914	0.121856	0.586001	-1.70648	0.458694	1.27184	1.27184		0.777209	0.913557	-1.09462	0.786373	1.09044	1.09044	0.925156	1.03123	1.03123	0.680356	1.14114	1.14114	1.31236	2.11112	1.42991	1
ep13612275	L		0.356117		0.418985	0.587713	-1.71906	0.908029	0.927675	-1.07796	0.248002	0.457285	-2.20856	0.483078	0.626472	-1.59624	0.762823	1.21965	1.21965		0.950264	0.959902	-1.04177	0.251849	0.455956	-2.19319	0.0717537	1.73964	1.73964	0.150335	0.363664	-2.74979	1.31235	8.94631	6.05957	1
ep23188169	FXN;FXN;FXN		0.356121		0.589662	0.760796	-1.31446	0.0742444	1.3795	1.3795	0.910344	1.02031	1.02031	0.0844	1.14714	1.14714	0.0912093	1.13935	1.13935		0.0918145	0.881448	-1.0188	0.0738945	1.12923	1.12923	-1.44058	0.292907	1.16961	1.16961	1.31234	0.627108	0.454623	1
ep13348770	HSF2;HSF2		0.356122		0.200461	0.820464	-1.21882	0.3211	0.860701	-1.16184	0.85864	0.97425	-1.02643	0.71901	0.948505	-1.05429	0.877739	1.31752	1.31752		0.855088	0.02711	1.02711	0.0934647	0.763536	-1.3097	0.974654	0.995362	-1.00466	0.628581	1.07393	1.07393	1.31234	0.445062	0.301455	1
ep10990312	C2orf89		0.356125		0.471223	1.51739	1.51739	0.265789	0.516978	-1.93432	0.697805	1.24857	1.24857	0.120197	0.383255	-2.60923	0.234273	0.491943	-2.03276		0.489164	1.49145	1.49145	0.512528	1.45921	1.45921	0.154974	2.3773	2.3773	0.577137	1.37779	1.37779	1.31233	6.72797	4.5571	1
ep16536888	C11orf67;RSF1		0.356126		0.216991	1.57378	1.57378	0.1284	0.661169	-1.51226	0.741284	0.894457	-1.11761	0.280632	0.594547	-1.77161	0.280632	0.742962		0.4006068	0.695213	-1.43841	0.188392	1.81486	1.81486	0.408259	0.695478	-1.4358	0.615613	0.805345	1.24173	1.31233	3.05175	2.57452	1
ep04591034	CDL23A1		0.356127		?	?	?	0.206206	0.788317	-1.26852	0.909144	0.981008	-1.01936	?	?	?	?	?		0.602427	0.708179	-1.411	0.648869	1.32803	1.32803	0.0408108	0.862842	-1.15896	0.434438	2.71442	2.71442	1.31232	9.91984	6.66478	1
ep24186506	CHST15		0.356128		0.898882	0.912486	-1.09591	0.0182404	0.615425	-1.62477	0.467611	0.663027	-1.57004	0.427173	0.32159	-3.10992	0.401402	1.75531	1.75531		0.602427	0.708179	-1.411	0.648869	1.32803	1.32803	0.0408108	0.862842	-1.15896	0.434438	2.71442	2.71442	1.31232	9.91984	6.66478	1
ep26865446	SOX2OT		0.35613		0.713014	1.22321	1.22321	0.0482876	0.292071	-3.42383	0.240623	0.511706	-1.95425	0.395584	1.67151	1.67151	0.754344	0.842656	-1.18672		0.463194	0.665481	-1.50267	0.397742	1.60357	1.60357	0.8003	1.14825	1.14825	0.341301	1.70708	1.70708	1.31232	6.18204	4.18735	1
ep01975612	DICER1;DICER1		0.35613		0.970949	0.986029	-1.01375	0.0187276	0.504171	-1.98336	0.144144	0.514144	-1.94527	0.433107	0.83788	1.15703	0.157403	0.981741	-1.01859		0.827139	0.930205	-1.0753	0.691271	0.817562	1.16239	0.347857	1.14952	1.14952	0.788579	0.905799	-1.104	1.31232	2.82405	1.91785	1
ep08081478	GNAI1;GNAI1		0.356131		0.210645	0.36641	-2.72918	0.105001	0.259651	-3.85132	0.669829	0.18607	-5.37567	0.599471	-1.66814	0.140406	0.299029	0.344515		0.493971	0.589359	-1.69676	0.0269558	0.213302	-4.6882	0.19822	0.443584	2.25437	1.3123	1.3123	1.31232	12.0418	8.15651	1
ep26160889	TAOK1		0.35614		0.217243	2.50146	2.50146	0.669427	0.73836	-1.35435	0.879172	0.88813	-1.11342	0.418248	0.557553	-1.79355	0.44736	1.72797	1.72797		0.254856	2.31554	2.31554	0.0958092	3.64006	3.64006	0.123725	3.2462	3.2462	0.210653	2.53848	2.53848	1.31229	10.3673	7.02232	1
ep03788004	MAP3K7IP3		0.356133		0.177804	0.416147	-2.4027	0.0280249	0.19436	-5.1502	0.0418372	0.19436	-5.14484	0.0814115	0.45116	-2.21626	0.150207	0.0597203	0.38262	-2.61356	0.896448	1.00362	-1.00362	0.0852	0.765421	1.30589	1.30589	0.290357	0.768403	0.644291	-1.55102	0.142515	1.24746	1.24746	0.806653	1.60732	1.60732	1.31229	4.66329	3.15819	1
ep10471113	IFT140;TMEM204		0.356147		0.920076	1.06047	1.06047	0.0219524	0.99279	0.99279	0.300982	1.87195	1.87195	0.73593	1.21899	1.21899	0.395158	0.600813	1.66441		0.99505	0.996378	-1.00364	0.253857	0.802228	0.863484	-1.1581	1.31228	7.11325	4.81826	1
ep18387996	EML5		0.356149		0.802552	0.920629	-1.08618	0.0484145	2.14295	2.14295	0.127281	1.72307	1.72307	0.521695	0.807933	-1.23773	0.965344	0.985971	-1.01423		0.860509	0.915179	-1.09288	?	?	?	0.945148	-1.05804	0.467356	0.792164	-1.26237	1.30919	2.84436	1.53261	1
ep04550026	BCL2L15;BCL2L15		0.356151		0.302529	0.71946	1.53496	0.777343	1.165	-1.16552	0.0826225	1.165	-1.16552	0.0826225	1.165	-1.21032	0.460577

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	Fold-Change(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg15991288	WDR47;WDR47;WDR47	0.356475	0.670696	1.09095	0.160995	0.349709	1.16436	1.16436	0.08288564	1.35472	1.35472	0.80733	0.962113	-1.03938	0.552169	1.09974	1.09974	0.274661	1.19668	1.19668	0.175568	0.796374	-1.25569	0.338993	0.855736	-1.16859	0.316862	1.17771	1.17771	1.13145	0.5190818	0.351785	1
cg23183079	GPR160	0.356481	0.457374	0.8462781	-1.18165	0.255399	1.29934	1.29934	0.0900981	0.662335	-1.50977	0.476883	0.852563	-1.17293	0.706212	0.919878	-1.0871	0.403807	1.052609	-1.89822	0.244183	0.477034	-2.09629	0.349345	0.556966	-1.79544	0.447058	1.60124	1.60124	1.13143	7.66507	5.19538	1
cg22297591	TRIM44	0.356482	0.4683811	1.1887	1.1887	0.3837211	0.8111571	-1.23276	0.151803	1.2517	1.2517	0.1474477	1.439934	1.439934	0.0765401	1.586611	1.586611	0.348675	1.1052	1.1052	1.10134	0.38237	1.233551	1.233551	0.634239	1.148851	1.113883	0.2382892	0.748708	1.133563	1.13142	1.140318	0.772821	1
cg23415442	GLUD1;FAM35A	0.356492	0.04709033	0.6991646	-1.43032	0.476531	1.12077	1.12077	0.21062	1.23093	1.23093	0.4754631	0.899196	-1.12109	0.921962	1.01555	1.01555	0.394767	1.14716	1.14716	0.9905933	1.00186	1.00186	0.357415	0.8615505	-1.16076	0.550191	1.0999	1.0999	1.13141	0.5152666	0.349254	1
cg13898104	INPP5A	0.356494	1.39486	1.2945	1.2945	0.1053374	1.696	1.696	0.0528941	1.628884	1.628884	0.910864	0.9675157	-1.03357	0.349578	0.9081	-1.10034	0.536435	1.20553	1.20553	0.123312	1.64614	1.64614	0.561559	1.91656	1.191656	0.6488065	0.871781	-1.14708	1.1414	1.85164	1.225507	1
cg23194197	ZNF862 ;MYO5B;MYO5B;HAUS8;HAUS8;HAUS8;HAUS8	0.356495	0.0753388	2.60711	2.60711	0.4102054	0.6652258	-1.50318	0.2584414	0.5651351	-1.76949	0.924711	1.0468	1.0468	0.872359	0.9251337	-1.08092	0.0906358	2.46507	2.46507	0.534501	0.737534	-1.35587	0.761761	0.86316	-1.15853	0.967889	1.01967	1.01967	1.1314	4.86458	3.29729	1
cg12092277	HAUS8	0.356495	0.99625	1.00068	1.00068	0.278754	0.831836	-1.20216	0.18257	0.814036	-1.22845	0.581646	0.732393	-1.36539	0.603229	0.926563	-1.07926	0.0591356	0.73349	-1.36334	0.537079	0.920512	-1.08635	0.760038	1.04557	1.04557	0.865864	0.975709	-1.0249	1.3114	0.43943	0.297853	1
cg20434152	CAMTA1	0.356496	0.277631	0.202116	-4.94765	0.448894	2.98286	2.98286	0.516756	2.53694	2.53694	0.593119	0.465892	-2.14642	0.0847143	0.0671946	-14.8822	0.679027	0.554729	-1.80268	0.193121	0.142218	-7.03144	0.0947911	0.0742589	-13.4664	0.392675	0.289356	-3.45595	1.3114	41.655	28.2345	1
cg20528862	C4orf51	0.3565	0.489684	1.840606	1.840606	0.2139781	0.272027	-2.67264	0.0178496	0.59215	-1.68876	0.663228	0.1533	0.023932	1.699	0.021604	1.699	0.69805	1.09981	1.09981	0.486166	1.18849	1.18849	0.342439	1.2696	1.2696	0.133139	1.23582	0.838411	1
cg19240857	LY6G6E;LY6G6E;LY6G6D	0.356511	0.289689	0.520009	-1.92304	0.260763	2.00955	2.00955	0.388019	1.69289	1.69289	0.368204	0.5625	1.37236	1.72266	0.6579759	0.296293	-3.37504	0.805816	1.15783	1.15783	0.464512	1.55094	1.55094	0.209668	1.89564	1.89564	0.738925	1.2202	1.2202	1.31136	7.35324	4.9843	1
cg14724298	LNX1;LNX1	0.356513	0.094806	0.219241	-4.56119	0.798004	0.98972	-1.23614	0.4437994	1.92309	1.92309	0.3423553	0.445614	-2.2441	0.302848	0.4138566	-2.41424	0.626239	0.66564	-1.50228	0.716208	0.795502	-1.35226	0.0796198	0.302266	-4.99136	0.104525	0.230680	-4.31484	1.31135	14.1903	9.663878	1
cg07444368	CDO1	0.356515	0.164116	0.58108	-1.72093	0.554581	0.803678	-1.24428	0.8315518	1.0918	1.0918	0.572179	0.871632	-1.22509	0.122751	0.4139556	-2.41353	0.128408	0.548304	-1.8238	0.110911	0.529898	-1.88716	0.0823347	0.494751	-2.02122	0.62019	0.833042	-1.20042	1.31135	2.77686	1.882227	1
cg08268160	AASDHPPT;KBTBD3;KBTBD3	0.356515	0.231194	2.88818	2.08818	0.908014	1.07011	1.07011	0.1197693	2.68842	2.68842	0.693745	1.26115	2.398725	1.595853	1.65953	1.65953	0.682855	1.27231	1.27231	0.255213	2.080203	-1.56877	0.799115	0.8611131	-1.16126	0.968585	1.02336	1.02336	1.13135	1.71857	4.83882	1
cg00627788	WDR53;FBXO45	0.356523	0.518457	1.44668	1.44668	0.1536609	2.184215	-1.51973	0.4439804	0.627888	1.92884	0.911984	0.9675157	-1.03357	0.349578	0.9081	-1.10034	0.536435	1.20553	1.20553	0.123312	1.64614	1.64614	0.561559	1.91656	1.191656	0.6488065	0.871781	-1.14708	1.1414	1.85164	1.225507	1
cg07562821	MAP1A	0.356524	0.87184	1.02569	1.02569	0.1654444	0.792176	-1.26235	0.0853965	0.741746	-1.34817	0.966313	1.00666	1.00666	0.408163	1.14215	1.14215	0.34625	0.858659	-1.16461	0.2337996	0.823506	-1.21432	0.8370339	1.03288	1.03288	0.2489003	1.20845	1.20845	1.31133	0.5125864	0.3474558	1
cg24844441	AP2M1;AP2M1	0.356534	0.911001	0.984197	-1.01606	0.25735	0.844545	-1.18348	0.642761	1.06884	1.06884	0.15468	0.804859	-1.24245	0.105991	1.28615	1.28615	0.726338	1.05135	1.05135	0.299529	1.16599	1.16599	0.34915	0.8717712	-1.14717	0.996777	0.8883677	-1.13164	1.3113	0.421804	0.289327	1
cg23941527	FLJ42709;FLJ42709	0.356538	0.194215	0.5311311	-2.06963	0.4340197	0.698683	-1.43126	0.443277	1.81368	1.81368	0.701389	0.745689	-1.34164	0.302749	0.5277006	-1.89573	0.0265584	0.525702	-1.90273	0.0265044	0.134887	-7.41364	0.622296	0.685113	-1.45961	0.644551	0.701995	-1.42451	1.31129	12.0476	8.16072	1
cg02695628	HEATR7A;HEATR7A;HEATR7A	0.356553	0.0501801	0.288752	-3.46318	0.764252	1.18214	1.18214	0.281213	0.536289	-1.86467	0.732871	0.826467	-1.20997	0.113466	0.406369	-2.46082	0.0761282	0.333565	-2.99791	0.382503	0.607598	-1.64583	0.473854	0.666816	-1.49966	0.477234	0.66805	-1.49488	1.31126	6.42752	4.35716	1
cg12072197	DDX1	0.356553	0.211719	1.73347	1.73347	0.3628002	1.1452	1.1452	0.1494464	1.3852	1.3852	0.244275	1.66426	1.66426	0.13202	1.53977	1.53977	0.154963	1.88981	1.88981	0.476057	1.35395	1.35395	0.154587	1.22027	1.22027	0.0984935	0.468759	-2.13329	0.2425	3.63129	2.46162	1
cg14160480	FHAD1	0.356554	0.230625	0.316428	-3.56027	0.899617	1.1224	1.1224	0.602802	1.61667	1.61667	0.488695	0.525402	-1.9033	0.153793	0.248246	-4.02827	0.296619	0.371522	-2.69163	0.0674616	0.153403	-6.51878	0.0907182	0.18173	-5.50268	0.492873	0.528756	-1.89123	1.31125	17.3862	11.786	1
cg26667395	PPP3R1C	0.356557	0.267889	0.4764	0.4764	0.1709329	0.7138	0.7138	0.0858478	2.26075	2.26075	0.327853	1.189963	1.25081	1.294885	1.25081	1.25081	0.526178	0.7816	0.7816	0.219485	1.70091	1.70091	0.0905	1.16034	1.16034	0.0508997	1.27364	1.27364	1.31134	0.5603997	0.4398	1
cg19533193	DLG4;ACADVL;ACADVL	0.356559	0.337674	0.509485	-1.96277	0.685453	1.32024	1.32024	0.809916	0.848397	-1.17869	0.543419	0.657291	-1.5214	0.710491	0.775393	-1.28967	0.0605241	0.235998	-4.23733	0.130083	3.05131	3.05131	0.509242	1.57901	1.57901	0.415385	1.76468	1.76468	1.31124	0.566059	0.55298	1
cg20068027	BOBR27	0.3566	0.869627	1.04429	1.04429	0.162148	1.48257	1.48257	0.474306	1.21164	1.21164	0.170604	0.697783	-1.43131	0.000305	0.753679	-1.32683	0.304083	0.755166	-1.32421	0.465091	1.2167	1.2167	0.153295	1.49695	1.49695	0.665318	0.891521	-1.12168	1.31124	1.44554	0.979934	1
cg09412792	TMC4;LENG1;TMC4	0.356563	0.5004227	1.13728	1.13728	0.577163	0.848455	-1.18361	0.627323	0.865648	-1.15552	0.4699453	0.429838	1.34714	1.787434	0.955446	1.091005	0.429536	1.12703	1.12703	0.182757	0.658731	-1.51812	0.119883	0.644945	1.554955	0.312216	0.649455	1.540253	1.31123	1.805995	1.22426	1
cg11539082	USP43	0.356573	0.220788	0.667269	-1.49865	0.407008	1.3055	1.3055	0.2885555	1.41269	1.41269	0.458304	1.26789	1.26789	0.769112	0.91164	-1.09692	0.480893	1.25255	1.25255	0.0316393	2.20754	2.20754	0.983542	1.0065	1.0065	0.775536	1.09401	1.09401	1.31121	2.05126	1.39059	1
cg27458888	UBE3A	0.356576	0.902562	0.9702466	-1.03027	0.552681	0.824545	-1.21283	0.2415565	1.1485	1.1485	0.894823	0.954825	-1.04782	0.2313458	0.8174705	-1.22338	0.6646866	0.599174	-1.66866	0.1505134	0.644583	-1.5584	0.3127481	0.7128471	-1.40257	0.5764112	0.749434	-1.33412	1.3113	1.2631	0.8562886	1
cg06591185	MIR149;PIP14571;GPC1	0.35658	0.726132	1.19319	1.19319	0.249591	1.83012	1.83012	0.397657	1.54494	1.54494	0.732575	0.83607	-1.19607	0.141997	0.452508	2.09091	0.176022	2.05977	2.05977	0.137497	0.483636	-2.00767	0.334483	0.164864	3.684684	0.080375	0.987722	-1.01243	1.31119	1.23886	3.55156	1
cg00650953	CNTNAP2	0.356584	0.0739393	0.15684	-6.37592	0.944887	1.06642	1.06642	0.862537	1.17491	1.17491	0.715007	0.729071	-1.37161	0.0546844	0.113712	-7.59235	0.375601	0.42922	-2.32981	0.12462	0.213015	-4.69452	0.988152	1.01391	1.01391	0.367698	0.422893	-2.36467	1.31118	17.9651	12.1791	1
cg02080063	USP12	0.356589	1.13198	1.11318	1.11318	0.3272557	1.23567	1.23567	0.25351	1.16816	1.16816	0.206199	0.8097733	-1.23498	0.0878753	0.7231039	-1.38277	0.154996	1.88981	1.88981	0.476057	1.35395	1.35395	0.154587	1.22027	1.22027	0.0984935	0.468759	-2.13329	0.2425	3.63129	2.46162	1
cg04361015	CUX1;CUX1;CUX1 ;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.356591	0.71896	1.48311	1.48311	0.3388275	1.53874	1.53874	0.182623	0.47689	0.47689	0.979937	1.02865	1.02865	0.147617	0.18368	-5.44424	0.997777	0.996966	-1.00304	0.913291	0.887982	-1.12615	0.873992	0.841048	-1.18899	0.930728	1.0994	1.09947	1.31116	24.7042	16.748	1
cg09546907	2;CHRM2;CHRM2;CHRM2	0.356596	0.296818	2.27236	2.27236	0.5717773	1.5428	1.5428	0.370154	2.01048	2.01048	0.632329	0.693647	-1.44166	?	?	?	0.0686041	0.21292	-4.6966	0.731909	0.770314	-1.29817	0.423586	0.537835	-1.85931	0.268171	2.39941	2.39941	1.30804	10.6039	8.10672	1
cg02934281	CSTF2	0.356603	0.167907	0.211643	-4.72495	0.552742	0.530176	-1.88617	0.87146	1.18616	1.18616	0.189916	0.43588	-2.43538	0.195456	0.43135	-4.31135	0.113216	0.161815	-6.17991	0.047073	0.140365	0.40365	0.823045	0.26701	3.74571	0.260769	0.206828	2.06828	1.31113	23.1822	15.7165	1
cg12213850	HK1;HK1;HK1;HK1;HK1	0.356605	0.0197387	0.1494	0.1494	0.0136218	0.230138	0.230138	0.0077356	0.137168	0.137168	0.027136	0.2706768	2.29766	0.1206754	0.1129881	-8.85041	0.018595	0.03655	-27.3655	0.0013966	0.0172485	0.12406	0.0206406	0.0078572	0.006795	-147.2	0.0007897	-1.31614	0.1173133	0.0031564	1.313	1
cg15674266	STX8	0.356608	0.525984	0.5606616	-1.78375	0.141767	0.14861	0.14861	0.120418	0.55889	0.55889	0.948728	0.943728	-1.05963	0.191118	0.287481	-3.47849	0.187358	0.284082	-3.52101	0.815867	0.810519	-1.23378	0.948991	0.842253	-1.18729	0.55696	0.585665	-1.70746	1.31112	16.8429	11.4189	1
cg25688583	TCF12;TCF12;TCF12;TCF12;TCF12	0.356623	0.63066	0.6652634	-1.50312	0.502245	0.832246	-1.20146	0.3324805	0.907303	-1.10218	0.254512	0.731299	1.33647	1.916347	0.410807	2.434	0.602817	0.647204	-1.54511	0.4432193	0.505237	-1.97954	0.4158068	0.4128503	-2.42203	0.2418832	0.411356	0.3048	1.31111	0.9563	0.956358	1
cg06638913	SH3BP4	0.35663	0.762952	0.868909	-1.15087	0.2235441	0.280406	-3.56626	0.211084	0.54222	-1.84427	0.865005	0.88225	1.08235	0.307007	0.633346	-1.57892	0.741132	0.85727	-1.16649	0.200804	0.533837	-1.87323	0.305455	0.610826	-1.63713	0.934265	1.03906	1.03906	1.31106	1.48083	3.03796	1
cg05233877	BAT2	0.356638	0.650456	0.801198	-1.24813	0.226401	1.85366	1.85366	0.369453	1.56496	1.56496	0.708308	0.833093	-1.20035	0.6454309	0.364616	-2.74261	0.170184	0.491741	-2.03159	0.537191	1.35472	1.35472	0.768285	0.866278	-1.15436	0.43732	0.680462	-1.46959	1.31104	4.90207	3.32361	1
cg26605914	SKI	0.356642	0.329652	0.3104	0.3104	0.0931455	0.164562	-6.06062	0.2630951	0.184421	5.41965	0.1636109	0.384693	2.598201	0.8866032	0.8013055	1.248	0.6516866	0.599174	-1.66866	0.1505134	0.644583	-1.5584	0.3127481	0.7128471	-1.40257	0.5764112	0.749434	-1.33412	1.3113	1.2631	0.8562886	1
cg18375707	PLCB3	0.356643	0.559339	0.803678	-1.24428	0.18993	1.67187	1.67187	0.525657	1.2688	1.2688	0.824636	1.08562	1.08562	0.0339402	1.47617	0.18368	0.659152	1.848467	-1.1786	0.5187	1.27404	1.27404	0.967525	0.985042	-1.01519	0.450326	0.752205	-1.32942	1.31103	2.84552	1.92929	1
cg11110864	COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.356644	0.948241	1.01941	1.01941	0.0813353	1.77225	1.77225	0.0894019	1.74147	1.74147	0.79431	1.08046	1.08046	0.6339009	1.1527	1.1527	0.0485217	1.94942	1.94942	0.468787	1.24398	1.24398	0.394549	1.29464	1.29464	0.31583	1.35959	1.35959	1.31103	1.82162	1.23508	1
cg16137732	MAT4A;RBP1L;MAT4A;MAT4A	0.356645	0.872632	0.9973566	-1.00265	0.0742096	0.448413	-2.23009	0.0234184	0.331799	-3.01025	0.626669	0.820681	-1.2185	0.56241	0.76392	-1.31047	0.845008	0.934127	-1.0821	0.4206261	1.05733	1.05733	0.7135	0.868277	-1.15171	0.405087	0.754301	-1.32573	1.311	0.3649	0.2808	1
cg09727883	RBBP5	0.356645	0.86284	0.9683133	-1.03292	0.828576	1.04198	1.04198	0.7245746	1.34044	1.34044	0.7183348	1.13	1.13	0.108174	1.2865	0.1608306	0.360733	0.820932	1.21813	0.0250158	0.662193	-1.51013	0.40585	0.1708454	5.855468	0.111762	1.111	0.7219771	0.489513	1
cg13309218	RAB1B	0.356655	0.449214	1.7732	1.7732	0.350985	0.490165	-2.04013	0.674163	1.36902	1.36902	0.2538	0.41264	-2.42342	0.0909182	3.98792	3.98792	0.345331	2.05839	2.05839	0.160774	0.328655	-3.0427	0.653745	0.71507	-1.39846	0.993667	0.994122	-1.00591	1.311	11.4554	7.76706	1
cg05229989	C4orf33;CA10;CA10	0.356661	0.9423502	0.9746411	-1.02603	0.6748135	0.671485	-1.48938	0.2647205	0.736353	-1.35804	0.1904141	0.8782225	1.0819504	-1.07122	0.9004302	-1.11044	0.1495404	0.489685	-2.04213	0.6436761	0.8193651	-1.22003	0.9685002	0.9902104	-1.01041	0.751434	0.863438	-1.15816	1.3098	0.4431	0.30578	1
cg05802073	SLC1A7	0.356664	0.5571	0.749036	-1.33505	0.064018	0.363168	-2.75355	0.0799158	0.388457	-2.57429	0.631587	1.26502	1.52605	0.608463	0.777691	-1.28586	0.668147	0.821734	-1.21694	0.143179	0.465041	-2.15035	0.098881	0.827658	-1.20823	0.504681	0.39017	1.39017	1.31098	4.91658	3.33362	1
cg19529581	SRRM3	0.356666	0.0645326	0.606834	-1.64776	0.598308	0.879973	-1.1364	0.1467307	0.668135	-1.49585	0.208064	0.726707	-1.37607	0.795111	0.921525	-1.0851	0.418381	1.12001	1.12001	0.819331	1.05657	1.05657	0.323135	1.27875	1.27875	0.647716	0.895254	-1.117	1.31097	1.20101	0.84413	1
cg07375795	PKD2	0.356672	0.163396	0.758121	-1.31905	0.118697	1.37066	1.37066	0.0779055	1.44008	1.44008	0.961411	1.02268	1.02268	0.782055	0.9496082	-1.05309	0.824034	0.960404	-1.04123	0.422198	1.0744	1.0744	0.387669	1.17919	1.17919	0.524859	1.32245	1.32245	1.31096	0.715919	0.497867	1
cg10877458	BRP44L	0.356674	0.918933	0.962477	-1.03899	0.637029	0.834478	-1.19549	0.578322	1.23448	1.23448	0.578737	0.737827	2.23787	0.221758	0.734592	-1.3613	0.386744	1.39558	1.39558	0.785063	1.10816	1.10816	0.173289	0.58023	-1.72345	0.292672	0.663574	-1.50689	1.31095	2.93018	1.98681	1
cg13317788	VGLL2;VGLL2;VGLL2;VGLL2	0.356675	0.144658	2.5144	2.5144	0.6573727	1.2308	1.2308	0.877136	1.37568	1.37568	0.4883	1.44378	2.68091	0.4010581	1.44378	2.68091	0.607354	1.62824	1.62824	1.40551	1.42378	1.42378	0.268869	0.6073354	-1.64522	0.3977559	-2.51535	0.347731	1.3095	1.56041	1.36223	1.30205	1.40804	1.31094	1.29324	1.19554	1
cg05568678	USP43	0.35668	0.549747	1.15602	1.15602	0.667916	0.901775	-1.10892	0.703083	0.912341	-1.09608	0.134062	0.679042	-1.47266	0.837215	1.05052	1.05052	0.72443	1.08849	1.08849	0.0835228	0.631991	-1.5823	0.298261	0.772168	-1.29472	0.172857	1.41553	1.41553	1.31094	1.19151	0.807914	1
cg14034852	CLDN7	0.356678	0.150678	0.31955	0.31955	0.1464282	0.59526	0.59526	0.1990407	0.100125	0.100125	0.262824	0.71381	0.71381	0.577596	0.1387526	-2.58047	0.854915	1.36095	1.36095	0.993614	0.988614	0.988614	-1.01155	0.417805	0.40206	0.4153026	0.025632	0.865785	0.865785	1.31093	0.58749	0.393206	1
cg27234239	RAB18	0.356682	0.472616	1.16584	1.16584	0.547285	0.911994	-1.0965	0.992169	0.998517	-1.00149	0.180571	1.23994	1.23994	0.137803	0.785273	1.27344	0.58299	1.08749	1.08749	0.114654	0.77142	-1.29631	0.328245	0.16491	1.16491	0.634336	0.70517	1.07517	1.31093	0.475035	0.322102	1
cg14613757	CSNK1D;CSNK1D;CSNK1D;CSNK1D	0.356685	0.161792	0.667322	-1.49853	0.581389	1.1627	1.1627	0.827651	1.0608	1.0608	0.542945	0.846456	-1.1814	0.882578	0.960781	-1.04082	0.458054	0.815358	-1.22645	0.0557876	0.556205	-1.7979	0.572999	1.16669	1.16669	0.2099552	1.42998	1.42998	1.31092	1.52142	1.03162	1
cg08504417	FBXL13;LRRC17;FBXL13;LRRC17	0.356686	0.9423502	0.9746411	-1.02603	0.6748135	0.671485	-1.48938	0.2647205	0.736353	-1.35804	0.1904141	0.8782225	1.0819504	-1.07122	0.9004302	-1.11044	0.1495404	0.489685	-2.04213	0.6436761	0.8193651	-1.22003	0.9685002	0.9902104	-1.01041	0.751434	0.863438	-1.15816	1.3098	0.4431	0.30578	1
cg04009446	ADARB2	0.356692	0.604701	0.81322	-1.22968	0.6699024	2.23096	2.23096	0.0633894	2.2854	2.2854	0.955381	1.0224	1.0224	0.789339	0.8994408	-1.11184	0.542698	1.2763	1.2763	0.125454	1.92816	1.92816	0.642131	1.20418	1.20418	0.208178	1.62359	1.62359	1.21789	1.21789	1.31091	3.25451	2.20679	1
cg20720056	ERLIN1;ERLIN1	0.3567	0.134718	0.1880154	-5.31677	0.749732	0.8109	-1.23396	0.0633894	0.2854	3.50115	0.1980164	0.844443	-1.18422	0.8889302	1.10447	1.10447	0.307233	0.8240472	1.21329	0.1604333	0.8802901	1.06043	0.8882901	0.9553781	-1.04845	0.5338571	0.6242455	1.02266	0.8168486	-1.22416	0.9442555	1.02266	0.8168486	-1.22416	0.9442555	1.02266	1.31091	0.7219771	0.489513	1
cg07356534	KIRREL	0.356709	0.100095	0.290528	-3.44201	0.466972	0.601836	-1.66164	0.753727	1.24099	1.24099	0.280626	0.470466	-2.12555	0.17814	0.37473	-2.66859	0.213738	0.407323	-2.45505	0.257925	0.44491	-2.24764	0.0510795	0.217789	-4.59161	0.432617	0.577301	-1.7322	1.31086	9.77106	6.6257	1
cg07076751	KIAA1949;KIAA1949	0.3572	0.409344	0.730039	-1.36979	0.5584073	2.21992	2.21992	0.437231	1.34383	1.34383	0.914903	0.972142	-1.02866	0.613447	1.20919	1.20919	0.078696	2.07133	2.07133	0.711401	0.870181	-1.14918	0.29171	1.50373	1.50373	0.84754	0.930739	-1.07441	1.31084	2.88695	1.95767	1
cg10390177	SPEG	0.356725	0.154824	0.3144	0.3144	0.0973177	0.207086	-4.8257	0.167811	0.559243	-1.78824	0.149249	0.604364	-1.65362	0.105675	0.2329373	-4.29357	0.728635	0.60344	-1.65717	0.0881341	0.410044	-2.43876	0.311228	0.67902	-1.47306	0.1663	0.167783	0.306078	0.61531	-1.6252	1.1082	0.4744	0.396941	1
cg24213625	CSPG4	0.356732	0.719833	1.13909	1.13909	0.68911	0.86467	-1.15651	0.152649	0.574711	-1.74001	0.506452	1.276	1.276	0.154696	0.576514	-1.73456	0.0687046	0.478685	-2.08906	0.273662	0.662396	-1.50967	0.627074	1.19367	1.19367	0.351639	0.707096	-1.41424	1.3108	2.73413	1.84052	1
cg20372416	NHEI1	0.356735	0.52768	2.5281	2.5281	0.912142	0.44298	-1.06159	0.672884	1.25834	1.25834	?	?	?	?	?	?	0.1032414	2.71142	2.71142	0.455995	0.22	1.81577	0.455995	0.22	1.81577	0.455995	0.22	1.81577	0.523398	0.571926	-1.74848	1.37565	4.7315	2.94812	1
cg18067420	ADD2;ADD2;ADD2;ADD2;ADD2	0.356737	0.808861	0.862133	-1.15991	0.49777	1.52401	1.52401	0.316425	1.88938	1.88938	0.0986476

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(147T vs. N)	Fold-Change(147T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg02127775	CARD11	0.357068	0.148279	0.183094	-8.87357	0.7730801	0.662212	-1.51009	0.726494	0.609947	-1.63949	0.970437	0.105356	0.15155	0.114928	0.701112	0.212977	0.157797	-6.33726	0.07119053	0.0587388	-17.0245	0.0749474	0.0609745	-16.4003	0.746254	0.633135	-1.57944	1.30996	41.1172	27.9005	1
cg09263164	ZDHHC22	0.357077	0.205954	0.501626	-1.99352	0.8003398	1.13997	1.13997	0.219237	1.95052	1.95052	0.624428	0.774797	-1.29066	0.641578	0.34108	2.93186	0.5015	1.42299	1.422299	0.599318	0.7602227	-1.3154	0.205762	0.501463	-1.99416	0.913596	1.05773	1.05773	1.30994	5.54745	3.76434	1
cg14241370	GRIN3A	0.357077	0.61819	0.885571	-1.12921	0.135795	0.67789	-1.47516	0.607274	0.882162	-1.13358	0.739086	0.922342	-1.0842	0.200691	0.721182	-1.38661	0.227221	0.735952	-1.35878	0.535511	0.859201	-1.16387	0.0923931	1.56509	1.56509	0.588004	1.14143	1.14143	1.30994	5.21345	0.823415	1
cg08649501	UIA4	0.357078	0.941033	1.01562	1.01562	0.697388	1.085282	1.085282	0.06499	0.647898	-1.54345	0.183915	1.34349	1.34349	0.323041	0.807501	-1.23838	0.932671	0.982456	-1.01786	0.543769	0.879225	-1.13737	0.448721	0.850501	-1.17591	0.139911	0.717	-1.3947	1.30993	0.9102008	0.617646	1
cg09862303	SUT3	0.357092	0.160661	0.579715	-1.72499	0.223663	1.59067	1.59067	0.663639	0.849739	-1.17683	0.401576	0.733235	-1.36382	0.0860059	0.499587	-2.00165	0.733003	0.88392	-1.13132	0.317781	1.45322	0.335946	0.698373	-1.4319	0.957303	1.01947	1.01947	1.30147	2.69758	1.56404	1
cg12965512	TSPAN8	0.357098	0.494822	1.33723	1.33723	0.623608	0.811706	-1.23197	0.166309	0.53854	-1.85687	0.323419	1.53367	1.53367	0.944522	1.02961	1.02961	0.905431	0.951386	-1.0511	0.939419	1.03238	1.03238	0.0329784	2.84532	2.84532	0.676298	1.19252	1.19252	1.30989	3.64766	2.4753	1
cg14999716	HCFC2	0.357099	0.556666	0.909549	-1.09945	0.192102	0.802365	-1.24632	0.14101	0.776869	-1.28722	0.630303	1.08041	1.08041	0.162642	1.26833	1.26833	0.640392	1.07792	1.07792	0.326681	1.17525	1.17525	0.46055	1.12729	1.12729	0.346858	0.856862	-1.16705	1.30988	0.527599	0.35803	1
cg12557714	WISP1;WISP3	0.35711	0.300403	1.30518	3.305158	0.580736	1.03726	1.037263	0.342166	0.836448	-1.29723	0.183945	1.07706	1.07706	0.0334881	0.662816	-1.51004	0.601224	1.14836	1.148362	0.431543	0.999234	-2.54502	0.802847	1.3214	1.3214	0.686272	0.639916	-1.57253	1.30986	25.7474	17.4726	1
cg16072664	ITSN1;ITSN1;ITSN1;ITSN1;CRYZL1	0.357116	0.992298	0.907542	-1.00246	0.456348	0.824152	-1.21337	0.290609	0.756117	-1.32255	0.395429	0.80101	-1.24842	0.0839153	0.614103	-1.62839	0.427246	0.813303	-1.22955	0.226429	1.38236	1.38236	0.0736043	0.761688	-1.31287	1.30984	1.34829	0.914984	1
cg00675878	BCR;BCR	0.357124	0.613926	0.820624	-1.21859	0.106741	1.9826	1.9826	0.560266	1.2572	1.2572	0.349156	1.45435	1.45435	0.972541	1.01347	1.01347	0.20193	1.68816	1.68816	0.981353	1.00912	1.00912	0.109347	0.507392	-1.97086	0.439461	0.736071	-1.35856	1.30982	3.133007	2.12621	1
cg06831578	TNFAIP8L3	0.357125	0.632501	1.18362	1.183624	0.5005	1.155663	1.155663	0.272367	1.973799	1.973799	0.176306	3.940558	3.940558	0.0255102	2.792213	2.792213	0.055552	1.728228	1.728228	0.383623	0.848747	-1.17825	0.152857	4.35973	4.35973	0.347787	2.514467	2.514467	1.30982	18.3564	12.8102	1
cg05143707	ZNF778	0.357125	0.930329	0.974978	-1.02566	0.83345	0.940805	-1.06292	0.243561	1.42416	1.42416	0.821096	0.936472	-1.06784	0.107537	1.66358	1.66358	0.266824	0.715163	0.933702	0.983531	-1.01675	0.137923	0.629438	-1.58872	0.251518	1.41503	1.41503	1.30982	1.74201	1.18219	1
cg07458114	NTRK1;NTRK1;NTRK1	0.357126	0.263612	0.713072	-1.40238	0.208045	1.41961	1.41961	0.591421	1.853058	1.17225	0.244107	0.695479	-1.43764	0.0947413	0.539227	-1.85407	0.537197	0.832353	1.20112	0.7463513	1.10247	1.10247	0.291524	0.725451	-1.37656	0.719238	0.905245	-1.10467	1.30982	1.17453	1.12105	1
cg23022053	PTGDR	0.357132	0.263658	0.233838	-4.27646	0.440468	0.374913	-2.66729	0.0458363	2.2008	2.2008	0.946687	1.08697	1.08697	0.674849	0.590872	-1.69241	0.175876	0.166162	-6.01823	0.023385	0.0341121	-29.3151	0.931767	0.89871	-1.11271	0.852098	0.792346	-1.26207	1.3098	32.2617	21.8942	1
cg26943378	HDAC10;HDAC10;HDAC10;HDAC10;HDAC10	0.357137	0.765928	1.2891	1.2891	0.743997	0.756747	-1.32145	0.40648	0.205815	2.05815	0.0157811	0.080795	-12.377	0.87218	0.872009	-1.14678	0.809056	1.11399	1.113991	0.622852	0.655967	-1.52447	0.590085	1.57024	1.57024	0.873041	-1.14477	1.30979	15.0082	10.1853	1
cg23221122	DUSP10;DUSP10	0.357141	0.270934	1.2051	1.26293	0.540974	1.35016	1.350156	0.103249	1.08106	1.08106	0.122229	1.48041	1.48041	0.154449	1.33975	1.33975	0.663121	1.52109	1.52109	0.339246	1.222313	1.222313	0.835427	1.04327	1.04327	0.122727	1.40575	1.40575	1.30978	0.8603	0.583847	1
cg17759921	RUNX2;RUNX2;RUNX2	0.357142	0.750232	1.13489	1.13489	0.814078	1.09783	1.09783	0.62838	1.21318	1.21318	0.697743	0.85673	-1.16723	0.317941	0.664311	-1.50532	0.29638	0.651166	-1.53571	0.0467514	0.405721	-2.46475	0.136545	0.529663	-1.88799	0.18789	0.575273	-1.73831	1.30978	3.25651	2.21005	1
cg24300012	TTC27	0.357155	0.287625	1.31778	1.31778	0.0553792	1.20278	1.72078	0.495774	1.18871	1.18871	0.68717	0.903768	-1.10648	0.844805	0.952196	-1.0502	0.654309	1.19124	1.11924	0.624643	0.884041	-1.13117	0.162317	1.4519	1.4519	0.107924	1.55027	1.55027	1.30974	1.29586	0.879465	1
cg27435491	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A	0.357159	0.329659	0.320511	-3.12002	0.075715	0.106884	-9.35592	0.477483	0.441792	-2.26351	0.127794	0.43849	0.43849	0.729072	1.48183	1.48183	0.149435	0.174074	-5.74468	0.832989	0.787542	-1.26977	0.835852	0.79083	-1.26449	0.911006	0.881208	-1.13481	1.30973	26.5371	18.0101	1
cg01055121	ARNTL;ARNTL;ARNTL	0.357165	0.56011	1.748277	-1.1382	0.125648	2.26023	2.26023	0.584015	0.761754	-1.31276	0.15993	2.09383	2.09383	0.226383	0.703162	-1.86859	0.179702	0.495026	-2.01643	0.527801	0.729913	-1.37003	0.772156	1.1536	1.1536	0.654307	0.801053	-1.24836	1.30972	5.024444	3.41002	1
cg17232344	WDR27	0.357181	0.693668	1.10444	1.10444	0.710817	1.09796	1.09796	0.115764	0.651154	-1.53573	0.356958	1.26839	1.26839	0.693388	1.10455	1.10455	0.43583	0.819138	-1.2208	0.0603327	1.70295	1.70295	0.996705	1.00104	1.00104	0.443442	0.821947	-1.21662	1.30967	1.30617	0.886513	1
cg22332388	YTHDF3;YTHDF3	0.357183	0.553008	1.08532	1.08532	0.86672	1.01964	1.019644	0.697632	1.06571	1.06571	0.466719	1.0932	1.0932	0.618847	1.07081	1.07081	0.170994	0.819664	-1.22001	0.564979	0.750734	-1.33203	0.743128	1.19484	1.19484	0.47649	1.1038	1.1038	1.30967	0.908314	0.626993	1
cg15818632	PRDM16;PRDM16	0.357186	0.495773	0.679143	-1.47244	0.0636827	0.311519	-3.21008	0.430454	1.56864	1.56864	0.895615	0.929196	-1.0762	0.452113	0.651453	1.53503	0.309345	0.555126	-1.80139	0.0777554	0.333984	-2.99415	0.220289	0.486274	-2.05646	0.885041	1.0843	1.0843	1.30967	6.4917	4.406	1
cg01120514	ZCCHC4;ZCCHC4	0.357188	1.14034	3.15304	3.15304	0.506514	1.62891	1.628911	0.925977	0.934941	-1.06959	0.275811	2.27205	2.27205	0.0890056	3.87001	3.87001	0.6650984	4.47859	4.47859	0.842324	0.865731	-1.15509	0.750949	0.794127	-1.25924	0.777168	0.814318	-1.22802	1.30966	10.8703	7.37783	1
cg23936585	PPM1D	0.357193	0.154223	0.643128	1.554823	1.554823	1.128516	1.128516	0.194649	0.787492	-1.26984	0.643888	?	?	?	?	?	?	?	?	?	?	0.888703	0.7561	-1.32258	0.546084	0.653676	-1.52981	1.30966	5.44994	4.82846	1
cg12610595	WDR47;WDR47;WDR47;WDR47;WDR4	0.357193	0.324791	1.15373	1.15373	0.525989	1.09458	1.09458	0.165644	1.23114	1.23114	0.517957	0.911942	-1.09656	0.602192	0.928707	-1.07677	0.854907	0.974585	-1.02608	0.824722	0.969286	-1.03169	0.0550227	0.736407	-1.35795	0.343451	0.871748	-1.14712	1.30965	0.410249	0.278446	1
cg25079915	TMEM37	0.357198	0.63447	1.19154	1.19154	0.875154	1.05912	1.05912	0.250523	1.55167	1.55167	0.658562	0.84983	-1.17671	0.0445006	0.429886	-2.3262	0.21808	1.60648	1.60648	0.51651	0.846739	-1.181	0.757574	1.1995	1.1995	0.385745	0.722275	-1.38452	1.30964	2.77683	1.88472	1
cg05345116	PHACTR4;PHACTR4	0.357208	0.784688	0.904519	-1.10556	0.6611384	0.46153	-2.16671	0.961702	0.982559	-1.01775	0.648237	0.845094	-1.1833	0.531963	0.792963	-1.26109	0.234431	1.57887	1.57887	0.3771153	1.40002	1.40002	0.226169	1.5931	1.5931	0.364154	0.710554	-1.40735	1.30961	2.78493	1.89021	1
cg02083546	WSB2	0.357217	0.426662	1.28744	1.14971	0.744644	1.28285	1.282853	0.0622	1.28023	1.28023	0.584015	0.761754	-1.31276	0.209383	1.208824	0.792752	0.208804	1.29256	1.292563	0.0975112	1.14802	1.14802	0.0953197	1.21787	1.21787	0.21337	1.25261	1.25261	0.909154	1.06652	1.006512	1.30959	0.614784	0.411929	1
cg16348962	FUK	0.357218	0.634608	0.78819	-1.26873	0.029211	0.278768	-3.58721	0.0801357	0.380919	-2.62524	0.873386	1.07978	1.07978	0.296996	0.584189	-1.71178	0.404798	0.654579	-1.5277	0.296039	0.58352	-1.71374	0.539733	0.734444	-1.36157	0.873925	0.924092	-1.08214	1.30959	5.12613	3.47939	1
cg10404945	DENND5B	0.357219	0.8336363	1.03075	1.03075	0.8004572	1.17524	1.17524	0.393016	1.1717	1.1717	0.644933	1.37444	1.37444	0.493317	1.31535	1.31535	0.170994	0.819664	-1.22001	0.564979	0.750734	-1.33203	0.743128	1.19484	1.19484	0.47649	1.1038	1.1038	1.30957	0.908314	0.626993	1
cg27452341	CLCN1	0.357222	0.473093	2.6017	2.6017	0.416616	0.9678	2.9678	0.962583	1.0634	1.0634	0.159777	0.139693	-7.15855	0.286866	0.234779	4.25932	0.326296	0.265017	-3.77334	0.693055	0.594626	-1.68173	0.0705132	14.1339	14.1339	0.996179	0.993744	-1.00629	1.30958	35.6109	24.1712	1
cg19105674	AFF4	0.357231	0.119248	0.589171	-1.6973	0.974112	1.01013	1.01013	0.0654163	0.523557	-1.91001	0.231499	0.675233	-1.48097	0.105242	0.574724	-1.73997	0.423598	0.734248	-1.36185	0.0714551	0.804105	0.925572	-1.08041	0.253803	0.688736	-1.45193	0.181765	0.641766	-1.5582	1.30955	2.03073	1.3784	1
cg25287375	C9orf95;C9orf95;C9orf95;C9orf95	0.357233	0.850514	1.17649	1.17649	0.8507	0.98572	1.01431	0.948357	1.05522	1.05522	0.640091	1.24708	1.24708	0.0402	1.44735	1.44735	0.672195	0.882381	1.13311	0.51745	1.21281	1.21281	0.0879955	1.07875	1.07875	0.563525	1.18731	1.18731	1.30955	1.79278	1.21489	1
cg17516556	TBC1D5	0.357241	0.929286	0.985266	-1.01495	0.817437	1.03943	1.03943	0.653551	0.92723	-1.07848	0.662521	1.0762	1.0762	0.687629	1.06993	1.06993	0.353325	0.851795	-1.17399	0.0172839	0.615732	-1.62408	0.754617	1.05383	1.05383	0.611506	1.08944	1.08944	1.30953	0.580015	0.393706	1
cg07751753	SHANK3	0.357248	0.31594	3.167403	3.167403	0.0266448	0.14597	6.855057	0.0227302	0.245301	4.07515	0.0249251	0.52547	1.9038	0.0425153	2.369	2.369	0.487	0.207999	-4.80858	0.0275155	0.449894	-2.22349	0.3595	0.2782	-3.59353	0.0146666	-2.02979	0.278364	1.22874	1.30951	2.9063	4.59201	1
cg24595586	DNM3;DNM3	0.357252	0.246565	0.667544	-1.50208	0.125329	1.74546	1.74546	0.591704	1.19937	1.19937	0.0947676	0.539812	-1.8525	0.324677	0.710705	-1.40705	0.963746	-1.01538	0.97143	0.998047	-1.0121	0.964109	0.985005	-1.01522	0.228819	0.654392	-1.52814	1.30949	2.33811	1.58712	1
cg04526124	TRA2A	0.357263	0.2839	0.383987	-2.60425	0.968778	1.03375	1.03375	0.176462	0.34765	0.34765	0.757971	1.2974	1.2974	0.769535	0.779287	-1.28322	0.082249	0.183517	-5.44909	0.784141	0.792118	-1.26244	0.199193	3.23362	3.23362	0.520972	1.74085	1.74085	1.30945	15.0113	7.23061	1
cg14341575	ZC3HAV1;ZC3HAV1	0.357269	0.90153	1.10917	1.10917	0.8206482	1.07956	1.07956	0.208201	1.47463	1.47463	0.552547	1.8098	1.8098	0.0760373	1.41059	1.41059	0.577352	1.17055	1.17055	0.0845509	1.73393	1.73393	0.0864554	1.72874	1.72874	0.0906025	1.73239	1.73239	1.30945	1.26963	0.959201	1
cg11021247	SYNI;SYNJ	0.357272	?	?	?	0.858059	0.808261	-1.23722	0.389376	0.347228	-2.87995	0.275828	3.92671	3.92671	0.355526	0.319416	-3.13071	0.238587	0.249144	-4.44614	0.302277	0.62031	3.62031	7	7	?	0.156595	0.157871	-6.33427	1.374	22.7746	14.2075	1
cg05600088	LRRC42;HSPB11	0.357275	0.547215	1.17959	-1.17959	0.7240405	0.774443	1.34158	0.324007	1.15405	1.15405	0.136129	1.54566	1.54566	0.0958445	1.64208	1.64208	0.373727	1.28093	1.280933	0.303907	1.2019	1.2019	0.104062	1.61912	1.61912	0.321569	1.31877	1.31877	1.30944	0.5498	0.356258	1
cg26593267	F7;F7	0.357278	0.588165	0.868275	-1.15171	0.351807	1.28089	1.28089	0.434882	1.22855	1.22855	0.379538	0.792234	-1.26225	0.739115	0.917276	-1.09018	0.495697	0.836342	-1.19568	0.870086	0.958594	-1.04319	0.684978	1.11112	1.11112	0.0277553	1.9583	1.9583	1.30943	1.38422	0.939659	1
cg15314401	WAC;WAC;WAC	0.357282	0.486343	1.44875	1.44875	0.219041	1.91992	1.919922	0.0514	1.15049	1.15049	0.0666268	0.340323	-2.93838	0.862674	0.879238	-1.13755	0.570374	1.10017	1.100167	0.0606525	0.733239	-1.36381	0.122961	1.46814	1.46814	0.0229198	1.96066	1.96066	1.30943	5.6962	3.6868	1
cg13035831	RPTOR;RPTOR	0.357286	0.632954	0.7879	-1.30074	0.209602	0.485462	-2.0599	0.197387	0.764662	-1.30797	0.203146	0.749492	-1.33457	0.0647606	0.321877	-3.10677	0.764008	0.848834	-1.17809	0.203402	0.815883	0.983021	0.983021	0.983021	0.983021	0.983021	0.983021	0.983021	1.30942	0.983021	0.983021	1
cg20885078	MIR548N	0.3573	0.0874575	0.76573	-1.30594	0.115312	1.27408	1.27408	0.376159	1.13712	1.13712	0.86261	0.975792	-1.02481	0.922349	0.986301	-1.01389	0.405142	0.886472	-1.12807	0.376126	0.87941	-1.13713	0.380859	0.880585	-1.13561	0.538662	1.09207	1.09207	1.30938	0.4151	0.281796	1
cg27067269	ZNF488	0.357311	0.765251	1.30474	1.30474	0.5358	1.18206	1.182062	0.348307	1.83404	1.83404	0.0884643	1.22844	0.486724	0.789624	1.26446	1.26446	0.549908	1.815243	1.815243	0.0351579	2.03053	2.03053	0.0105053	2.12663	2.12663	0.0255896	2.07273	2.07273	1.30938	1.28198	0.93615	1
cg14258107	TMEM201;TMEM201	0.357312	0.854297	1.0673	1.0673	0.536918	1.248	1.248	0.378412	1.37441	1.37441	0.72016	0.880327	-1.13594	0.077612	0.499083	-2.00367	0.34999	0.710832	-1.4068	0.741146	0.889178	-1.12463	0.0670311	0.483175	-2.06964	0.669706	1.1642	1.1642	1.30935	2.60343	1.76741	1
cg02650909	HECW1	0.357324	0.628965	0.922813	-1.08364	0.82755	0.964645	-1.03665	0.183415	0.792255	-1.26222	0.267278	0.826402	-1.21006	0.691545	1.06752	1.06752	0.925224	0.984631	-1.01561	0.0527224	1.4381	1.4381	0.275602	1.20538	1.20538	0.823111	0.963734	-1.03763	1.30932	0.564461	0.383208	1
cg03072118	C14orf135;C14orf135	0.357328	0.940886	0.980375	-1.02002	0.1244621	1.20472	1.204722	0.471891	1.13009	1.13009	0.888524	1.0182	1.0182	0.122731	0.94169	-1.06199	0.853875	1.05702	1.057022	0.706281	1.10649	1.10649	0.228915	1.40143	1.40143	0.359554	1.28633	1.28633	1.30931	1.48152	1.0408	1
cg00814065	PGP	0.357334	0.538072	1.5477	1.5477	0.687024	1.32811	1.328111	0.479251	1.65516	1.65516	0.0738735	4.038	4.038	0.145921	1.07726	1.07726	0.178535	2.72193	2.72193	0.675299	0.744425	-1.34332	0.133501	0.321787	-3.10765	0.513101	0.628273	-1.59167	1.3093	10.1777	6.90968	1
cg08851460	NGL1;TATDN3;TATDN3;TATDN3;TATDN	0.357337	0.363919	0.775357	-1.28973	0.222318	1.41871	1.41871	0.223616	1.41718	1.41718	0.104385	0.616254	-1.62271	0.713859	1.10564	1.10564	0.279252	0.735825	-1.35902	0.311558	0.751644	-1.33042	0.728734	0.909426	-1.09959	0.636097	1.1388	1.1388	1.30929	1.542	1.04688	1
cg10936233	SKP1;SKP1	0.357338	0.0203549	0.360833	-2.77136	0.4922269	1.28949	1.28949	0.807445	1.0931	1.0931	0.529179	1.26161	1.26161	0.482874	0.771074	-1.29689	0.88344	0.947926	-1.05493	0.486758	0.772909	-1.29381	0.541955	1.24724	1.24724	0.685556	0.862097	-1.15996	1.30928	2.7556	1.87081	1
cg05939928	B2	0.357339	0.365248	1.33968	1.33968	0.237761	1.47513	1.47513	0.634509	0.860244	-1.16246	0.40178	1.30963	1.30963	0.18949	1.54787	1.54787	0.802969	0.924424	-1.08175	0.0925026	0.558794	-1.78957	0.489531	1.2469	1.2469	0.246645	1.46348	1.46348	1.30928	2.04889	1.33102	1
cg23766918	USP43	0.35734	0.837572	1.051603	1.051603	0.7945166	1.07539	1.075391	0.0522462	1.10311	1.10311	0.640225	1.04991	1.049911	0.756179	1.07805	1.07805	0.545989	1.215243	1.215243	0.0206106	1.48464	1.48464	0.0446852	1.20571	1.20571	0.0857	1.42706	1.42706	1.30928	1.20709	0.819578	1
cg21612666	HMGN4	0.357363	0.188572	1.41741	1.41741	0.215677	1.38583	1.38583	0.357437	1.26743	1.26743	0.0679636	0.599359	-1.66845	0.0681509	0.878526	-1.13827	0.750098	0.9231	-1.08331	0.807807	0.940798	-1.06293	0.562696	1.15783	1.15783	0.418195	1.23017	1.23017	1.30922	1.30015	0.882732	1
cg27307975	UPC	0.357369	0.524779	1.90567	1.90567	0.1384035	0.858	1.16528	0.0744	0.858	1.16528	0.0744	1.47602	1.47602	0.0450443	1.86	1.86	0.0990144	1.00086	0.088837	0.9955464	1.01214	1.01214	0.708956	0.827726	1.20813	0.0213	1.65657	1.65657	1.76501	0.609463	0.767701	1.30922	1.32044	0.0425574	0.307582	0.215137	1.25117	0.0000	0.0000	1.30922	2.51837	1.82112	1
cg26566660	SCIN	0.357369	0.219047	3.50455	3.50455	0.719159	1.41953	1.41953	0.65966	0.650535	-1.5372	0.365207	0.405494	-2.46613	0.248835	0.310536	3.22024	0.550349	1.79724	1.79724	0.610334	0.607369	-1.64645	0.584804	1.70796	1.70796	0.0513793	1.60237	1.60237	1.30921	19.517	13.2511	1
cg12230291	LOC285740;LOC285740	0.35737	0.4689	1.19632	1.19632	0.876717	0.612199	-1.58178	0.0674707	0.607525	-1.64602	0.573204	0.870696	-1.14851	0.324616	0.780802	-1.28073	0.423621	0.819722	-1.21993	0.591065	1.14103	1.14103	0.560971	0.867755	-1.15373	0.21808	0.72968	-1.37046	1.3092	1.12686	0.832981	1
cg05363666	PRPS1	0.357382	0.09300991	1.512128	1.421497	0.1709	0.514714	-1.95513	0.0574979	0.0857	-3.66503	0.0229302	1.386	1.386	0.0460292	1.723136	1.723136	0.173097	0.736473	-1.35784	0.0966322	0.386	-2.58938	0.0156	0.1387	-7.18011	0.0754987	0.900121	-1.10973	0.775827	0.827304	-1.20875	0.30187	0.427	1.30876	0.427	1.30876	2.60766	1
cg01163848	LOC31316	0.357384	0.799444	0.958817	-1.04295	0.020303	0.58753	-1.58753	0.345627	1.17404	1.17404	0.636158	1.0819	1.0819	0.17784	1.26685	1.26685	0.883327	0.976034	-1.02455	0.391698	1.156	1.156	0.958234	0.991386	-1.00869	0.397257	1.15395	1.15395	1.30917	0.565797	0.38416	1
cg17494334	PGBD5	0.357386	0.801453	1.19697	1.19697	0.226648	1.45697	1.45697	0.155937	0.702172	1.42401	1.42401	0.337626	1.90784	1.90784	0.0697249	2.08372	0.626849	1.41849	1.41849	0.163471	1.61488	1.61488	0.0154828	1.54716	1.54716	0.30916	1.60371	1.60371	1.30917	2.71882	1.71882	1
cg21739530	GAINT7	0.357388	0.185084	1.372525	-2.68438	0.119309	0.340943	-3.2793	0.387594	0.536772	-1.86299	0.239884	0.421216	-2.37408	0.0952223	0.276342	-3.6187	0.40485	0.549466	-1.81995	0.0607009	0.235873	-4.23957	0.195084	0.381797	-2.61919	0.284622	0.457994	-2.18343	1.30916	10.2347	6.94916	1
cg01524174	SOX9	0.357389	0.0464114	3.76719	3.76719	0.848646	0.894866	-1.11749	0.275129	0.556795	-1.935	0.644188	0.763082	-1.31048	0.285458	0.524666	-1.90597	0.934003	0.952089	-1.04933	?	?	0.343935	0.567335	0.567335	-1.76263	0.859171	1.10877	1.10877	1.30915	6.21472	4.75857	1
cg24431553	HIST1H4C	0.357392	0.646

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	Ratio(1111 vs. N)	Fold-Change(1 vs.N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(217 vs.N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3477 vs. 477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. 537 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. 377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg25210884	PDE1C		0.6753202	0.7083167	-1.4121	0.6422735	0.147359	-6.76617	0.0562583	0.1704	-5.86856	0.974321	0.0267	1.0267	0.779641	1.794852	1.2581	0.796409	0.809259	-1.2357	0.96321	1.03848	1.03848	0.614082	1.51621	1.51621	0.602376	1.53767	1.53767	1.30841	13.8852	9.43312	1
cg19184447	KRT86		0.3576868	0.386322	1.68248	1.6628	0.9647552	1.02623	1.02623	0.929237	0.949296	-1.05341	0.325994	1.81144	1.81144	0.912918	1.23093	1.23093		0.09776848	2.89861	2.89861	0.0561868	3.55182	3.55182	0.119948	2.68669	2.68669	0.186551	2.27122	2.27122	1.30841	7.11213	4.83175	1
cg07949141	ABCB9;ABC9;ABC89		0.35769	0.424898	0.747669	-1.33713	0.560102	1.23376	1.23376	0.964753	0.984369	-1.01588	0.670704	1.16472	1.16472	0.0247852	1.385686	-2.59278		0.556374	1.23629	1.23629	0.669057	1.16568	1.16568	0.254636	0.654383	-1.52816	0.646574	0.848233	-1.17892	1.0084	2.63396	1.78943	1
cg04123312	MMD		0.8082375	0.9714115	-1.02943	0.0482082	1.3091	1.3091	0.637682	1.0084	-1.05822	0.509445	1.329058	-1.08311	0.033392	1.944208	-1.059			0.89184	1.08456	-1.01319	0.181396	1.84429	-1.18443	0.490629	0.909864	-1.08712	0.256685	1.1517	1.1517	1.3084	0.29492	2.00036	1
gc27088822	MMX2;CAMKK2;CAMKK2		0.357691	0.237343	0.648436	-1.54217	0.741711	-1.1227	1.1227	0.822826	1.08164	1.08164	0.150814	-1.8155	0.560569	0.813887	-1.22867	0.860299	0.940218	-1.06358	0.0584012	2.11354	2.11354	0.773004	0.903747	-1.1065	0.557018	1.23102	1.23102	1.3084	2.53747	1.72388	1
gc20725670	CDC6;CDC6		0.357693	0.470554	0.483763	-2.06713	?	?	?	0.0937574	0.146246	-6.83782	?	?	?	0.878424	1.16161	1.16161		?	?	?	0.600737	1.6813	1.6813	?	?	1.38862	8.58324	7.72644	1
gc20505817	RTBD7		0.357699	0.67325	1.5119	1.53788	0.8728857	1.16893	1.16893	0.9102071	1.11641	1.11641	0.968625	2.45951	2.45951	0.5698969	1.75015	1.75015		0.54512	1.81638	1.81638	0.0233124	1.04001	1.04001	0.0915702	6.11424	6.11424	0.244352	1.27723	1.27723	1.30838	19.6626	13.372	1
gc27136228	AMD1;AMD1		0.3577	0.401794	1.49741	1.46741	0.0824503	1.36242	1.36242	0.567171	1.29498	1.29498	0.0536423	2.66276	2.66276	0.557554	1.30531	1.30531		0.143917	1.01713	2.01713	0.24241	1.72765	1.72765	0.173236	1.91104	1.91104	0.254688	1.7015	1.7015	1.30838	4.13877	2.81181	1
gc12531953	LYKLYN		0.357703	0.228919	0.572032	-1.74815	0.232957	0.575061	-1.73894	0.48733	0.731855	-1.36639	0.280846	0.609045	-1.64192	0.415844	0.692192	-1.44469		0.605082	1.25956	1.25956	0.210254	0.557632	-1.7933	0.096193	2.24373	2.24373	0.882206	0.936514	-1.06779	1.30837	4.05514	2.75501	1
gc25131702	RAB1B		0.357713	0.702317	1.10006	1.10006	0.0749556	1.00698	1.00698	0.910489	1.03984	1.03984	0.14562	1.45202	1.45202	0.158425	1.45413	1.45413	0.231645	1.39594	1.39594	1.39594	1.39594	0.320986	1.28561	1.28561	0.10246	1.55857	1.55857	1.30841	2.27787	1.8668182	1
gc06691963	FOXP1		0.357715	0.535711	0.943774	-1.05958	0.179575	1.14057	1.14057	0.653513	1.04257	1.04257	0.446206	1.07461	1.07461	0.782941	1.07483	1.07483	-1.02581		0.129021	0.859539	-1.16341	0.190548	1.13644	1.13644	0.415614	1.0798	1.0798	0.255385	0.896226	-1.11579	1.30834	3.07364	2.19119	1
gc17517390	AATK;MIR1250		0.357716	0.93912	0.984917	-1.04151	0.294055	1.614215	1.614215	0.0722165	3.05988	3.05988	0.27912	1.87239	1.87239	0.117363	0.583234	-2.40937		0.954883	1.10204	1.10204	0.865098	0.909575	-1.09941	0.41201	1.59516	1.59516	0.431141	1.56497	1.56497	1.30834	6.43786	4.3739	1
gc24787593	CYFIP1;CYFIP1		0.357723	0.226327	0.812456	-1.23094	0.0885596	1.35956	1.35956	0.4840905	1.0334	1.0334	0.837161	0.932989	-1.07182	0.796866	1.04307	1.04307		0.08125944	0.7290777	-1.3716	0.499944	0.894091	-1.11845	0.466346	0.8858866	-1.12884	0.536909	0.902828	-1.10763	1.30832	0.553827	0.3762777	1
gc22383121	CHCHD2		0.357724	0.151569	0.331325	-3.01819	0.50458	1.62715	1.62715	0.823038	1.17473	1.17473	0.945182	0.951765	-1.05068	0.303113	0.277517	-3.60338		0.363104	0.510685	-1.95816	0.0727229	0.237146	-4.21682	0.090349	0.825663	-1.21115	0.221075	0.396602	-2.52142	1.30832	10.7104	7.72678	1
gc07194832	BAIAP2L1		0.357725	0.4447268	1.08259	1.08259	0.4447268	1.38251	-1.38267	?	?	?	1.38267	1.38267	1.38267	1.42218	1.42218	0.271784	1.30237	1.1345		0.0782007	0.886291	-1.01039	0.956739	0.978678	-1.02179	0.653314	0.885486	-1.19691	1.03337	0.49271	-2.02959	1.30514	2.30027	2.22218	1
gc19539519	PIY2		0.357726	0.293657	0.745767	-1.3409	0.31513	1.32276	1.32276	0.181999	0.682840	-1.46445	0.61135	0.871098	-1.14798	0.112314	0.62778	-1.59291		0.109956	0.625507	-1.5987	0.479787	1.21343	1.21343	0.412924	0.79818	-1.25285	0.696109	0.899692	-1.11149	1.30831	1.50266	1.02093	1
gc06709798	ZIK1		0.357738	0.0665144	1.59474	1.59474	0.0493274	1.15117	1.15117	0.12318	1.14605	1.4605	0.270229	0.934631	-1.08151	0.391837	0.819558	-1.22027		0.764193	0.93404	-1.07062	0.829368	1.0502	1.0502	0.804697	0.945356	-1.0578	0.229526	0.751262	-1.33106	1.30828	1.06594	0.7242315	1
gc13037081	RPS6KA4;MIR1237;RPS6KA4		0.357739	0.443111	1.78259	1.78259	0.0742994	1.20863	1.20863	0.4088263	1.02638	1.02638	0.863263	1.93339	1.93339	0.0101147	1.630808	1.630808	0.329854	0.474881	1.62268	1.62268	0.0510247	1.638305	1.638305	0.0179068	1.45825	1.45825	0.0664654	1.19654	1.19654	1.30828	10.8206	7.35187	1
gc26685246	TAP2;TAP2		0.357746	0.138435	0.326379	-3.06392	0.14347	0.331704	-3.01474	0.838511	1.15401	1.15401	0.534338	0.642906	-1.55544	0.229415	0.4126	-2.42365		0.271909	0.448073	-2.23178	0.0632251	0.230719	-4.33427	0.119021	0.304935	-3.27939	0.570645	0.668783	-1.49525	1.30826	10.2095	6.93676	1
gc26645913	HAUS2;LIMC57;HAUS2		0.357747	0.951486	0.993715	-1.01605	0.8183744	1.58577	1.58577	0.0966594	1.63509	1.63509	0.0911731	1.65234	1.65234	0.0178442	1.584682	1.584682	0.0641691	1.14051	0.209914	1.4284	1.4284	0.0180966	0.894625	1.10834	1.10834	0.0466126	1.10033	1.10033	1.30836	1.50883	1.025157	1
gc23508687	NGDN;NGDN		0.357749	0.0173216	1.41478	1.41478	0.687769	1.04955	1.04955	0.507923	1.08373	1.08373	0.493731	1.08676	1.08676	0.750851	1.03887	1.03887		0.958241	0.993751	-1.00629	0.204054	1.17405	1.17405	0.692467	0.953527	-1.04874	0.323129	1.12995	1.12995	1.30825	0.296926	0.201745	1
gc04557468	ARID5B		0.357754	0.428752	1.2429	1.2429	0.164215	0.645422	1.54924	0.0126	2.46992	2.46992	0.0178507	2.68697	2.68697	0.0175625	1.889297	1.889297	0.0178507	1.38425	0.700788	1.42705	1.42705	0.0178507	1.35577	1.35577	0.0178507	1.26757	1.26757	0.152778	1.86958	1.30829	0.624317	1
gc22753417	GPR137;GPR137;BAD;BAD		0.357782	0.3254	1.13158	1.13158	0.0791873	0.788802	-1.26775	0.810193	0.971134	-1.02972	0.715014	0.956342	-1.04565	0.219214	0.854459	1.17033		0.255105	1.15562	1.15562	0.193398	0.845748	-1.18239	0.982511	1.00267	1.00267	0.383472	0.896932	-1.11493	1.30817	0.3070918	0.2086515	1
gc23904501	PTPRS;PTPRS;PTPRS		0.357783	0.749555	1.18474	1.18474	0.0356623	0.274134	-3.64785	0.0965349	0.380702	-2.62673	0.589251	1.33445	1.33445	0.634768	0.776245	1.28825		0.877945	0.921877	-1.08474	0.587284	0.840721	-1.18953	0.020886	0.767589	-1.30278	0.483656	1.45757	1.45757	1.30817	5.80432	3.94398	1
gc16362194	DAGLB;DAGLB		0.357783	0.983507	1.01686	1.01686	0.9537	0.244127	4.09525	0.0515312	1.12469	1.12469	0.512833	1.73381	1.73381	0.0662439	1.36129	1.36129	0.0662439	1.26897	0.788207	1.26833	1.26833	0.0662439	1.20701	1.20701	0.0662439	1.14859	1.14859	0.0662439	1.09981	1.09981	1.30817	1.00011	0.325512	1.19821	1.19821	0.667332	0.446643	1
gc09544279	CNOT6		0.357784	0.631882	0.930297	-1.07493	0.2661113	1.1894	1.1894	0.2944443	1.17677	1.17677	0.827136	1.0244	1.0244	0.0345225	1.4463	1.4463		0.412014	1.13378	1.13378	0.279975	1.18307	1.18307	0.63747	0.931414	-1.07364	0.20406	1.22218	1.22218	1.30817	0.464222	0.315435	1
gc24274354	PRKAR2B;PRKAR2B		0.35779	0.343157	0.860899	-1.16159	0.398113	0.813489	-1.22927	0.2603273	0.930031	-1.88675	0.479171	0.840413	-1.19008	0.0204136	0.726314	-1.37682		0.423641	0.822845	-1.2153	0.54301	0.824477	-1.21264	0.0398801	0.799881	-1.25051	0.162704	1.18752	1.18752	1.30814	0.801485	1	
gc19538525	DLGAP2		0.357794	0.438798	0.743182	-1.34557	0.607742	1.21483	1.21483	0.424558	1.3587	1.3587	0.035747	0.399134	-2.50542	0.459798	0.753611	-1.32694		0.66301	1.84806	-1.17916	0.721141	1.14421	1.14421	0.201408	0.832387	-1.21464	0.139331	0.546639	-1.82936	1.30814	1.92695	1.98888	1
gc07668558	GPR179		0.357795	0.309069	0.770121	-1.2985	0.109669	0.648736	-1.54146	0.308107	0.769693	-1.29922	0.0522555	0.578225	-1.72943	1.9066	0.708999	-1.41044		0.171104	0.696559	-1.43563	0.978273	0.993266	-1.00678	0.21528	0.723511	-1.38215	0.290168	0.761551	-1.31311	1.30814	1.27559	0.866773	1
gc18177731	IFIO2		0.357798	0.243157	0.586996	-1.77937	0.2253362	1.18252	1.18252	0.2326981	1.83961	1.83961	0.0169992	1.83961	1.83961	0.0169992	1.644431	1.64431	0.0169992	1.84643	1.81861	1.64752	1.64752	0.0169992	1.76396	1.76396	0.0169992	1.30886	1.30886	1.30814	4.61285	3.13448	1
gc14155825	GTF3C5;GTF3C5		0.357807	0.577469	1.2752	1.2752	0.779366	0.885752	-1.12898	0.150027	1.94757	1.94757	0.516125	1.33316	1.33316	0.575662	1.2767	1.2767		0.483703	1.35996	1.35996	0.0536864	0.388135	-2.57642	0.901739	0.948043	-1.05481	0.243465	1.69417	1.69417	1.30811	3.86587	2.62694	1
gc13118096	CYB561;CYB561		0.357811	0.163622	0.381707	-2.62133	0.18539	0.382185	-2.61652	0.1962	0.51352	1.95439	0.0238202	1.54654	1.54654	0.0313313	1.48354	1.48354	0.0313313	1.54469	0.852793	1.3103	1.3103	0.0313313	1.42183	1.42183	0.0313313	1.35119	1.35119	0.0313313	1.29844	1.29844	1.30811	2.54	1.70164	0.185551	1
gc21270306	FEZ2;FEZ2		0.357812	0.0407044	1.74683	1.74683	0.146603	1.4446	1.4446	0.234098	1.34242	1.34242	0.473671	0.841609	-1.1882	0.553232	1.1525	1.1525		0.729903	1.08526	1.08526	0.49175	1.17922	1.17922	0.464025	0.818665	-1.19237	0.696647	1.0969	1.0969	1.3081	1.15463	0.784605	1
gc13429270	FAM188		0.357819	0.437611	0.58831	-1.69978	0.0298569	0.180445	-5.54185	0.727597	0.791134	-1.26401	0.806934	0.846706	-1.17826	0.173992	0.382721	-2.61287		0.266265	0.484038	-2.06595	0.175375	0.380793	-2.62621	0.171613	0.37717	-2.65133	0.961895	1.03253	1.03253	1.30808	9.29945	6.31931	1
gc20635236	PNKP		0.357826	0.63195	0.906477	-1.10323	0.2843177	1.24709	1.24709	0.477916	1.26897	1.26897	0.0852625	1.44972	1.44972	0.0144277	1.09922	1.09922	0.241536	1.88629	0.690607	1.44834	1.44834	0.0144277	1.24352	1.24352	0.0144277	1.09356	1.09356	0.0144277	1.04564	1.04564	1.30808	0.857641	0.592807	1.03928	1.03928	0.0144277	0.532027	1
gc05887092	PGS1		0.357832	0.278559	1.82007	1.82007	0.80669	0.87782	-1.13919	0.41944	1.55037	1.55037	0.209318	0.494911	-2.02057	0.11756	0.405144	-2.46826		0.853098	1.10354	1.10354	0.146639	0.28897	0.591717	0.74992	-1.33348	0.450313	0.664404	-1.50511	1.30805	5.85319	3.97755	1
gc02377915	PPM1F		0.357853	0.311588	0.803262	-1.24507	0.0997481	0.895191	-1.11708	0.2553766	0.675274	-1.48088	0.384162	1.3007	1.3007	0.157994	1.64802	1.64802		0.822034	1.0774	1.0774	0.132656	0.580318	-1.72319	0.147966	0.788494	-1.26805	0.0736	0.857236	1.0614	1.0614	1.30805	2.62873	1.54174	1
gc24769167	STX11		0.357842	0.793942	1.04303	1.04303	0.6458633	0.691894	-1.44531	0.648839	0.928874	-1.07657	0.509477	0.897907	-1.1137	0.717997	1.06015	1.06015		0.260407	2.00794	2.00794	0.680154	0.935464	-1.06899	0.453655	0.884401	-1.13071	1.02089	2.16264	2.16264	1.33941	14.2233	8.52928	1
gc20632573	SLC6A5		0.357845	0.865778	0.959582	-1.04212	0.0878306	0.631616	-1.58324	0.742919	0.922868	-1.08358	0.784804	0.935425	-1.06903	0.498503	0.845711	-1.18244		0.761907	0.928577	-1.07692	0.838472	0.951439	-1.05104	0.0530207	1.70952	1.70952	0.387575	1.24108	1.24108	1.30801	1.23217	0.837345	1
gc13679281	KIAA0513;KIAA0513		0.357846	0.972681	1.00464	1.00464	0.9113114	1.1827	1.1827	0.2208598	1.02966	1.02966	0.8858958	1.35652	1.35652	0.1914224	1.40971	1.40971		0.527184	1.09544	1.09544	0.660807	1.03141	1.03141	0.906807	1.08564	1.08564	0.0732918	1.18063	1.18063	1.30801	1.08614	0.2626207	1
gc17085280	C18orf34;C18orf34		0.357854	0.0207819	0.257353	-3.88571	0.0606013	0.02438	0.02438	0.336169	0.635536	-1.62197	0.322841	1.64547	1.64547	0.840926	0.906643	-1.10297		0.589476	0.766688	-1.30434	0.60242	1.21223	1.21223	0.612288	0.779385	-1.28306	0.829878	0.900383	-1.11064	1.30799	4.92704	3.34833	1
gc18735775	CDL4A2		0.357863	0.553534	0.915638	-1.09238	0.5613748	1.7418	1.7418	0.145855	1.33185	1.33185	0.399989	1.36711	1.36711	0.0888413	1.24875	1.24875		0.207976	1.0505	-1.05	0.919852	1.14989	1.14989	0.440759	0.846956	-1.18077	0.399932	1.00011	0.325512	1.19821	1.19821	0.667332	0.446643	1.53
gc20815084	BAT4;CSNK2B		0.357861	0.555534	1.63936	1.63936	0.844157	1.17693	1.17693	0.9007	1.10884	1.10884	0.982527	0.98204	-1.01829	0.038526	0.131286	-7.61693		0.811444	0.820498	-1.21877	0.334	0.436682	-2.29	0.161603	0.286631	-3.4888	0.364401	0.216964	2.16964	1.33941	14.2233	8.52928	1
gc19679281	ANXA9;ANXA1		0.357867	0.949743	0.954818	-1.04513	0.0187908	2.7222	2.7222	0.181703	2.34222	2.34222	0.0330013	1.88625	1.88625	0.0330013	1.956352	1.956352	0.0330013	1.42641	0.822845	-1.2153	0.54301	0.824477	-1.21264	0.0398801	0.799881	-1.25051	0.162704	1.18752	1.30801	0.801485	1	
gc22655324	WFDC3;DNTTIP1;DNTTIP1		0.357874	0.945666	0.735574	-1.35981	0.2142718	0.658954	-1.51756	0.5123381	0.89964	-1.11206	0.0136231	1.03183	1.03183	0.0134189	0.582228	1.71754		0.773284	1.09652	-1.0956	0.629799	0.54532	-1.83432	0.0134369	1.65144	1.65144	0.0134369	1.54794	1.54794	1.30809	2.10809	1.43268	1
gc27615468	FAM127B;FAM127B		0.357877	0.0335275	0.143452	-6.97097	0.762363	0.788899	-1.26759	0.360287	0.479133	-2.08623	0.38455	2.00788	2.00788	0.303511	0.434628	-2.30082		0.231179	0.374568	-2.66974	0.502708	1.70206	1.70206	0.783889	0.806584	-1.2398	0.976124	1.02367	1.02367	1.30793	12.6635	8.60628	1
gc18177311	IFIO2		0.357878	0.121718	0.336142	-2.97018	0.0225368	0.14026	-7.12625	0.0705123	0.128025	-7.81251	0.0259779	0.777395	-1.28605	0.0259779	0.644431	-1.55205		0.684653	1.28496	1.28496	0.354672	0.223164	-4.48016	0.0259779	0.763965	-1.30896	0.130819	0.764365	-1.30829	0.0259779	0.763965	-1.30896	0.130819	1.30792	1.30792	1.30792	0.612335	0.413448	1
ch.12.25158191	HNF1A		0.357895	0.0838767	0.253329	-3.94743	0.0466124	0.194835	-5.13254	0.578514	0.668425	-1.49605	0.129355	0.308426	-3.24226	0.772968	0.812504	1.23076		0.794404	0.829061	-1.20618	0.319867	0.478148	-2.0914	0.199399	0.377957	-2.6465	0.900586	0.914198	-1.09386	0.30789	10.6727	7.25356	1
gc25890425	DVL2		0.357903	0.998326	1.00024	1.00024	0.277517	0.678407	-1.47443	0.161283	0.842198	-1.18738	0.990501	1.00143	1.00143	0.275192	0.877334	-1.13981		0.876124	1.01807	1.01807	0.615766	0.940563	-1.05981	0.319063	1.12549	1.12549	0.0778164	1.25325	1.25325	1.30787	0.730011	0.185551	1
gc04003615	MTHFR		0.357918	0.383244	1.59425	1.59425	0.1034341	2.59615	2.59615	0.0176466	1.76462	1.76462	0.0166626	1.945871	1.945871	0.0166626	1.03704	1.03704	0.230912	2.50104	0.572074	0.785504	-1.25377	0.534651	0.732918	1.82363	1.82363	0.0166626	1.20314	1.20314	1.30783	5.94366	4.00397	1
gc07899425	GSI		0.357919	0.339561	0.850048	-1.1764	0.852447	0.10121	1.03121	0.554025	1.10384	1.10384	0.119352	0.75657	-1.32175	0.58315	1.0956	1.0956		0.400637	0.867625	-1.15257	0.911066	0.981728	-1.01855	0.968254	1.07858	1.07858	0.0607745	1.41749	1.41749	1.30783	0.56425	0.383502	1
gc16138854	ERAP1;ERAP1		0.35792	0.208063	1.28467	1.28467	0.2643077	1.4215	1.4215	0.188991	1.16641	1.16641	0.0144284	1.44238	1.44238	0.0144284	1.188362	1.188362	0.0144284	1.16641	0.861577	1.16102	1.16102	0.0144284	1.14064	1.14064	0.0144284	1.13746	1.13746	0.0144284	1.13746	1.13746	1.30783	1.64029	1.13746	0.40501	1
gc04301102	SEPT8;SEPT8;SEPT8;SEPT8		0.357922	?	?	?	0.5436319	1.44286	1.44286	?	?	?	?	0.703194	1.25412	1.25412	?	?		0.0900562	3.42395	3.42395	0.33175	0.544773	-1.83563	0.927699	1.05487	1.05487	?	?	1.30783	1.49963	3.9776	2.12192	1
gc12407607	C16orf53		0.357925	0.149784	0.728451	-1.37239	0.1983432	0.995748	-1.00427	0.428027	1.1806	1.1806	1.12073	0.708017	-1.41124	0.749204	1.06802	1.06802		0.345075	1.2447	1.2447	0.523299	0.850771	-1.14276	0.251618	0.782122	-1.27857	0.297707	?	?	1.30783	1.24795	1.24795	0.871995	0.592674	1
gc18793109	PHRF1;LOC143666		0.35793	0.166431	0.794075	-1.25933	0.543974	0.908481	-1.10074	0.78672	0.1439	0.1439	0.415771	0.878111	-1.13881	0.612527	0.932388	-1.08309		0.457832	1.12541	1.12541	0.107164	0.73163	0.3163	0.150747	0.786106	-1.27209	0.503347	1.11197	1.11197	1.3078	0.505832	0.343805	1
gc11708328	TRMT2B;TRMT2B;TRMT2B;TRMT2B		0.357933	0.0979683	0.248032	-4.03173	0.523865	0.608886	-1.64234	0.369568	0.492757	-2.0294	0.137884	3.41122	3.41122	0.551594	0.629637	-1.58822		0.229286	0.379499	-2.63506	0.467	0.566397	-1.76555	0.37393	0.329238	-3.03732	0.867618	1.1367	1.1367	1.3078	12.2177	8.30419	1
gc24407667	SF3A1;MIR575;SCD5		0.357939	0.552384	1.08404	1.08404	0.5223524	0.977548	-1.02315	0.8483247	0.987337	-1.01332	0.7951233	1.28025	1.28025	0.699779	0.777395	-1.28605		0.643424	0.955412	-1.0951	0.353765	0.540683	-1.84965	0.0127354	0.719137	0.937683	1.06657	1.08124	1.08124	1.30778	2.90526	1.98392	1
ch.12.25158191	SUT1		0.357942	0.153557	0.657157	-1.52087	0.693938	0.711463	1.11463	0.267801	1.37265	1.37265	0.719079	1.10419	1.10419	0.816794	0.938308	-1.06575		0.065362	1.76405	1.76405	0.150342	1.52662	1.52662	0.920507	1.02777	1.02777	0.859711	0.952616	-1.04974	1.30777	1.55951	1.05999	1
gc16619425	CDH4		0.357944	0.959764	1.01284	1.01284	0.8275831	1.16475	1.16475	0.1603208	1.03108	1.03108	0.174408	1.31602	1.31602	0.0872693	1.14588	1.14588	0.0872693	1.56754	1.10952	1.14107	1.14107	0.0872693	1.27755	1.27755	0.0872693	1.24787	1.24787	1.30777	1.11687	1.11687	1.30777	1.08027657	1.27755	1.27755	1.30777	1.27231	1.27231	1.30774	15.5451	10.5663	1
gc15317927	MID1IP1;MID1IP1;MID1IP1		0.357956	0.188586	0.299141	-3.3429	0.932239	1.07646	1.07646	0.653632	1.47891	1.47891	0.10227	4.70754	4.70754	0.147467	3.8441	3.8441		0.192371	0.302586	3.30484	0.622457	0.65054	-1.53719	0.901634	1.11307	1.11307	0.781543	1.27231	1.27231	1.30774	15.5451	10.5663	1
gc21599230	TRAM1L1;TRAM1L1		0.35796	?	?	?	0.135258	0.30222	-3.30885	0.0850928	0.243735	-4.10282	0.710904	1.31876	1.31876	0.181735	0.512959	-1.94947		0.675829	0.731579	-1.36691	0.0674084	0.218036	-4.5864	0.441409	0.558004	-1.7921	0.712747	0.759703	-1.3163	1.30454	10.1441	7.77597	1
gc27533779	SOX5;SOX5		0.357961	0.904941	0.970413	-1.03049	0.2438	1.35448	1.35448	0.145037	1.20542	1.20542	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1044 vs. N)	Fold-Change(1 vs.1044)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1128 vs. N)	Fold-Change(1 vs.1128)	p-value(1211 vs. N)	Fold-Change(1 vs.1211)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1533 vs. N)	Fold-Change(1 vs.1533)	p-value(5277 vs. N)	Fold-Change(1 vs.5277)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg19517476	GPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1	0.358225	0.193652	0.388523	-2.57385	0.174336	2.09999	2.69999	0.173407	3.96564	-2.70589	0.749136	0.802092	-1.24674	0.225211	2.40019	2.40019	0.963388	0.968941	-1.03205	0.519728	0.638539	-1.56607	0.221882	2.41694	2.41694	0.780604	1.21159	1.21159	1.30707	0.78083	6.6516	1
cg19988770	CENPQ;C2orf79	0.358226	0.953951	0.989984	-1.01012	0.588739	0.909234	-1.09983	0.378452	1.1706	1.1706	0.297402	1.20721	1.20721	0.179946	1.28177	1.28177	0.582478	0.907749	-1.10163	0.279476	0.822017	-1.21652	0.055827	4.45889	4.45889	0.894714	1.02335	1.02335	1.30706	0.629021	0.427776	1
cg20475815	SENP5;SENP5	0.358228	0.285729	0.880344	-1.15592	0.082645	0.801774	-1.24723	0.950749	1.00713	1.00713	0.943601	0.99519	-1.00817	0.618568	1.05939	1.05939	0.972942	0.996109	-1.00336	0.102927	0.814585	-1.22762	0.318193	1.12591	1.12591	0.373235	1.11079	1.11079	1.30706	0.273508	0.186004	1
cg06112779	PPP1R1A	0.358235	0.570144	0.904884	-1.10511	0.151126	1.30726	1.30726	0.950167	0.989174	-1.01094	0.562942	1.10723	1.10723	0.109930	0.738233	-1.35459	0.676888	1.07572	1.07572	0.273225	1.22018	0.907485	0.979956	-1.02045	0.120793	1.34049	1.34049	1.30704	0.627922	0.427036	1
cg05503887	EHF	0.358239	0.591857	1.095	1.095	0.174877	0.785091	-1.27374	0.187143	0.791014	-1.2642	0.077974	0.720801	-1.38873	0.909786	1.01919	1.01919	0.897004	1.02195	1.02195	0.17697	1.27206	1.27206	0.666274	0.929829	-1.07547	0.707443	0.93874	1.30703	0.582033	0.395831	1
cg01738022	ADCY9	0.358246	0.284873	3.42667	3.42667	0.642448	0.595489	-1.67929	0.055963	0.09060809	-11.0277	0.880639	1.18127	1.18127	0.411582	2.53666	2.53666	0.38593	2.67899	2.67899	0.827195	1.27429	1.27429	0.225736	4.09779	4.09779	0.313783	1.17411	1.17411	1.30701	0.25.4444	17.3046	1
cg05407095	ZNF771;ZNF771	0.358254	0.437663	0.844865	-1.18362	0.853337	0.561363	-1.04019	0.276172	1.27277	1.27277	0.6949	0.919494	-1.08755	0.173674	0.734759	-1.36099	0.22942	1.30805	1.30805	0.234654	1.30376	1.30376	0.738007	0.691014	-1.0741	0.125405	1.42355	1.42355	1.30699	0.938499	0.638276	1
cg13503117	WDR8;WDR8	0.358257	0.768201	0.960389	-1.04125	0.789673	0.964101	-1.03724	0.379559	0.905125	-1.10482	0.691648	0.946943	-1.03663	0.955367	0.92936	-1.07601	0.392778	0.887167	-1.12718	0.0317379	0.70872	-1.411	0.210531	1.19773	0.212763	1.19657	1.19657	1.30698	0.38711	0.263276	1
cg15225844	MYT1L	0.358258	0.825321	1.07179	1.07179	0.255161	0.688638	-1.45214	0.391032	0.758841	-1.3178	0.287583	1.4144	1.4144	0.361453	1.34254	1.34254	0.589258	1.18668	1.18668	0.0406625	2.1004	2.1004	0.442574	1.2787	1.2787	0.755391	1.10311	1.10311	1.30698	2.04094	1.38806	1
cg19498268	CYP3B1	0.358268	0.331318	1.24943	1.24943	0.774531	0.652909	-1.53162	0.210657	1.33207	1.33207	0.748503	1.07243	1.07243	0.162106	1.38397	1.38397	0.722122	1.07243	1.07243	0.162106	1.38397	1.38397	0.828853	1.20649	1.20649	0.75295	1.32782	1.32782	1.30696	-1.17727	0.2436	1
cg19488083	FGFR3;FGFR3;FGFR3	0.358285	0.81284	1.1056	1.1056	0.689982	0.844435	-1.18422	0.306339	0.639776	-1.56305	0.718781	1.16474	1.16474	0.802473	0.899692	-1.11149	0.294886	1.63246	-1.58111	0.0187053	0.296717	-1.37021	0.664033	1.20238	1.20238	0.715781	0.857091	-1.16674	1.30692	3.68126	2.50378	1
cg20745698	UPF2;UPF2;UPF2	0.358292	0.065442	0.421048	-2.37503	0.273489	0.620827	-1.61075	0.144389	1.66343	1.66343	0.427857	0.71276	-1.403	0.807932	0.902093	-1.10745	0.55822	1.24913	1.24913	0.837283	0.913575	-1.09483	0.698065	1.17712	1.17712	0.208559	1.74024	1.74024	1.30691	1.62185	2.64338	1
cg18239858	CUX1;CUX1;CUX1	0.358293	0.159409	0.512069	-1.95286	0.349382	1.53539	1.53539	0.0866126	2.32064	2.32064	0.54408	0.760856	-1.31431	0.218095	0.561769	-1.78009	0.627454	1.804377	-1.2432	0.525027	0.750737	-1.33202	0.548803	0.763353	-1.31001	0.43558	0.701824	-1.42486	1.3069	0.10086	0.78921	1
cg21059182	LVRN	0.358295	0.546962	0.651778	-1.53427	0.0734403	0.15026	4.15026	0.127338	3.22165	3.22165	0.299641	0.468774	-2.13323	0.521973	0.633896	-1.57755	0.748205	0.797809	-1.25343	0.463883	1.68469	0.663707	0.735678	-1.35929	0.489893	1.63697	1.63697	1.30824	10.1956	5.92561	1
cg04735281	CEBPG	0.358296	0.330682	0.838851	1.19926	0.679752	1.42803	1.42803	0.701547	0.932668	1.07219	0.832993	1.03896	1.03896	0.312316	1.20829	1.20829	0.857005	1.07877	1.07877	0.457321	0.8709	-1.14824	0.143146	1.75212	-1.32956	0.453455	0.870885	-1.14826	1.30689	0.676288	0.461342	1
cg24965080	KCTD1	0.358296	0.419704	0.763333	-1.31004	0.645679	0.859293	-1.16375	0.37895	0.744033	-1.34403	0.125693	0.581118	-1.72082	0.322129	1.39798	1.39798	0.98392	1.00662	1.00662	0.494941	1.25483	1.25483	0.6189	0.848526	-1.17851	0.0812034	1.83868	1.83868	1.30689	2.22083	1.51051	1
cg12602112	EDNRB;EDNRB;EDNRB	0.358301	0.878767	1.04987	1.04987	0.219873	0.720772	-1.3875	0.600758	1.14464	1.14464	0.284327	0.746871	-1.31892	0.291471	0.754136	-1.32602	0.057605	0.568915	-1.75729	0.907916	0.970092	-1.03083	0.662732	1.04646	1.04646	0.210742	1.41348	1.41348	1.30688	1.42532	0.969454	1
cg08018825	SEL1L3	0.358308	0.198787	0.482173	-2.07395	0.918646	0.946596	-1.05642	0.446253	1.49765	1.49765	0.861446	0.910434	-1.09838	0.0158171	0.291008	-3.43633	0.857086	1.10168	1.10168	0.113103	0.456582	-2.40049	0.128187	1.40959	1.40959	0.639948	0.776405	-1.28799	1.30686	5.97272	4.06248	1
cg04297907	CLCN4	0.358309	0.147112	0.230191	-4.34421	0.236053	0.309674	-3.2292	0.657688	0.656381	-1.52351	0.104138	5.3515	5.3515	0.836131	1.21597	1.21597	0.203219	0.281382	-3.55389	0.297103	0.360401	-2.77469	0.972122	0.967547	-1.03354	0.654466	1.53006	1.53006	1.30686	18.4477	12.5476	1
cg26718213	SNED1	0.358311	0.487164	1.62521	1.62521	0.0999024	0.2.5.1	-1.60242	0.275005	2.69755	2.69755	0.866366	1.12284	1.12284	0.365084	0.890994	-1.12281	0.835763	0.866915	-1.15353	0.54906	0.658967	-1.51753	0.0918874	5.46858	5.46858	0.462251	1.67534	1.67534	1.30685	9.79563	6.66276	1
cg08730131	RICH2	0.358312	0.416647	1.96174	1.96174	0.0435375	0.57967	0.57967	0.0466641	6.35364	6.35364	0.503172	0.137611	7.26011	0.0.1.1	0.0.1.1	0.0.1.1	0.422449	1.94471	1.94471	0.55039	0.133603	0.406431	1.9925	1.9925	0.85054	0.858029	-1.16546	1.30685	13.6371	9.27568	1
cg08464702	TBC1D14;TBC1D14;TBC1D14	0.358312	0.737255	0.781591	-1.27944	0.0729396	0.43408	0.43408	0.0656053	4.83938	4.83938	0.409111	0.559096	-1.85496	0.947535	0.95298	-1.04934	0.897174	1.1042	1.1042	0.406865	0.591325	-1.69112	0.588133	1.49206	1.49206	0.871579	0.888341	-1.12569	1.30685	11.0859	7.34039	1
cg17386911	FGFR4;FGFR4;FGFR4	0.358316	0.309195	0.455913	-2.1934	0.740807	0.780555	-1.28114	0.429876	0.548044	-1.82467	0.562706	0.646118	-1.5477	0.0367092	0.163427	6.11892	0.191787	0.356537	-2.80476	0.0677806	0.217193	-4.60419	0.402923	0.527905	-1.89428	0.277086	0.430128	-2.32489	1.30684	11.5289	7.84178	1
cg19762508	NPHP4	0.358325	0.130468	0.614814	-1.62651	0.73922	0.905289	-1.10462	0.660213	0.87655	-1.14084	0.238365	0.692239	-1.44459	0.303222	0.727881	-1.37385	0.775609	0.918404	-1.08865	0.170436	1.54466	1.54466	0.561531	1.56092	1.56092	0.832468	1.06512	1.06512	1.30681	1.83598	1.24882	1
cg06506499	LYPD1;LYPD1	0.358326	0.852534	1.09204	1.09204	0.517425	1.08507	1.08507	0.0224407	1.40412	1.40412	0.648466	0.915574	-1.09201	0.886734	0.982309	-1.01804	0.49463	0.99077	-1.00946	0.680361	1.16094	1.05094	0.947413	1.09377	-1.0083	0.242176	1.16606	1.16606	1.30681	0.676258	0.461342	1
cg04946709	LOC644649	0.358329	0.434354	1.28187	1.28187	0.133713	0.604419	-1.65448	0.4307	0.778504	-1.28452	0.240963	0.682401	-1.46541	0.169241	0.633876	-1.57759	0.25034	1.45346	1.45346	0.332341	1.36523	1.36523	0.933342	0.974294	-1.02638	0.540212	0.824454	-1.21292	1.30681	2.00573	1.3643	1
cg19387835	SPIS13B	0.358336	0.903653	0.958219	1.04346	0.323859	0.93616	1.06996	0.855358	0.953753	1.04895	0.183273	0.218273	0.930245	1.04145	1.04145	0.960414	0.654278	0.634829	0.836318	-1.19572	0.113346	0.784006	0.515882	1.39265	1.39265	0.284	0.708951	1.41625	1.41625	1.30679	2.5687	1.74726	1
cg23054437	MOSC2	0.358337	0.20239	0.502418	-1.99038	0.880834	0.926149	-1.07974	0.275727	1.78168	1.78168	0.420717	0.656591	-1.52302	0.166683	0.47044	2.12567	0.728635	0.836837	-1.19498	0.050723	0.320296	-3.12212	0.451469	0.675468	-1.48046	0.316572	0.5.888	1.30678	1.69814	1.30678	1.41331	0.6822	1
cg01435678	IL6R;IL6R	0.358338	0.77739	1.10407	1.10407	0.0691948	2.03421	2.03421	0.879877	1.05424	1.05424	0.465295	0.77131	-1.2965	0.234509	0.647099	-1.54536	0.945425	0.976373	-1.0242	0.483509	0.779802	-1.28238	0.115903	0.550538	-1.8164	0.446914	0.762796	-1.31007	1.30678	2.52487	1.71745	1
cg04563331	ADAR2	0.358349	0.864569	0.915133	1.09301	0.731599	0.731599	1.36756	0.731599	0.731599	1.36756	0.731599	1.37683	0.7315	1.39035	1.39035	1.39035	0.654828	0.863218	-1.15872	0.113346	0.756482	1.32212	0.451469	0.675468	-1.48046	0.316572	1.58688	1.58688	1.30677	2.5687	1.74726	1
cg01568831	TEX19.1;CXCR1;CXCR1;CXCR

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4477)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 5537)	p-value(5637 vs. N)	Fold-Change(5637 vs. 6377)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13369981	MEPCE;ZCWPW1	0.358717	0.401809	0.898029	-1.12749	0.921691	0.086284	-1.01391	0.578309	1.08206	1.08206	0.0459566	0.725214	-1.3789	1.774098	1.04125	1.04125	0.101718	0.777521	-1.28614	0.401167	0.886421	1.12813	0.262438	0.84884	-1.17836	0.706248	1.05462	1.30583	0.4080117	0.27774	1
cg11271685	CGB2	0.35872	0.418297	0.888415	-1.1256	1.019955	0.785584	-1.27294	0.172008	0.812225	-1.23119	0.0659882	0.74448	-1.34322	0.581585	0.923466	1.08288	0.566645	1.08639	0.188639	0.813746	1.03434	1.30434	0.207645	0.826898	-1.20394	0.260978	0.8456	-1.18259	1.50853	0.4232327	0.288102	1
cg20179907	PDE2A;PDE2A;PDE2A;PDE2A	0.358725	0.708667	1.25306	1.25306	0.4663429	0.253679	-1.942	0.111224	0.552465	-2.83716	0.510666	1.49335	1.49335	0.518522	0.674764	-1.482	0.858896	1.11288	1.11288	0.896684	1.08121	1.08121	0.347924	0.559428	-1.78754	0.509396	1.4952	1.4952	1.30582	7.47085	0.58552	1
cg08905415	RPTOR;RPTOR	0.358727	0.190155	2.505264	-1.97925	2.806424	0.579308	-1.73639	0.0463629	0.525363	-3.07349	0.854921	1.09424	1.09424	0.0814884	0.866667	-2.586	0.345415	1.019938	-1.61328	0.8005511	0.8828287	-1.13265	0.903236	0.945912	-1.06167	0.277465	0.57365	1.74322	1.30581	5.006598	3.40834	1
cg15672437	FYF	0.358727	0.206618	0.92347	0.924347	0.149203	0.13	12.2281	0.340212	0.5167	5.1607	0.124692	16.0697	16.0697	0.257444	0.257188	-3.88821	0.830484	0.699115	-1.43038	0.799541	0.653871	-1.59255	0.721671	1.85441	1.85441	0.091442	22.2701	1.30581	57.6492	39.2429	1
cg07152460	MIR190B;PDE8D1	0.358727	0.985964	0.997776	-1.60223	0.650137	1.059448	1.08948	0.04137012	1.34098	1.34098	0.2817331	1.15207	1.15207	0.144266	1.21954	1.21954	0.67306	1.05517	1.05517	0.347171	0.8580311	-1.16546	0.755794	1.04028	1.04028	0.751373	0.960577	-1.04104	1.30581	0.331147	0.225418	1
cg20146506	TNIP1;TNIP3	0.358735	0.222294	0.55173	-1.81248	0.617277	0.791683	-1.26313	0.302293	0.609284	-1.64127	0.400497	0.670976	-1.49037	0.02750815	0.298569	-3.3493	0.985756	0.991757	-1.00831	0.4001153	0.6707771	-1.49082	0.943446	1.03344	1.03344	0.113537	0.45005	-2.22198	1.30579	4.44595	3.02649	1
cg16329093	ZDHHC1	0.358739	0.22825	0.79455	-1.28791	0.686019	0.971798	-1.02552	0.233061	1.2861	1.2861	0.225518	0.774243	-1.29158	0.0549803	0.640597	-1.56156	0.416526	0.846935	-1.18071	0.126343	0.7823987	-1.27794	0.674757	0.919029	-1.08831	0.953422	1.01175	1.01175	1.30578	0.8273916	0.563522	1
cg12991050	LOC645323	0.35874	0.49044	0.822748	-1.21544	0.715841	1.107919	1.07719	0.373894	1.28947	1.28947	0.307827	1.3418	1.3418	0.188388	0.678281	-1.47432	0.316433	1.3344	1.3344	0.241584	0.7107651	-1.40694	0.111114	0.616664	-1.62163	0.891349	0.962649	-1.0388	1.30578	0.63473	1.092115	1
cg22504580	USP43	0.358747	0.247616	0.761223	-1.31368	0.492538	1.170336	1.17036	0.195947	0.734432	-1.3616	0.548918	0.872068	-1.1467	0.124461	1.45563	1.45563	0.483656	0.851577	-1.17429	0.203868	0.73884	-1.35347	0.275388	0.774052	-1.2919	0.414823	0.828505	-1.20699	1.30576	1.05352	0.717176	1
cg20464447	FAM58	0.358749	0.702453	0.938219	-1.07733	0.864466	0.68278	-1.46538	0.2126	0.68278	1.68318	0.851428	0.10706	1.10706	0.0331287	0.118722	-1.47422	0.078314	0.684164	-1.46164	0.937029	0.6947833	-1.43955	0.695124	0.719888	-1.3891	0.604843	0.903659	1.10635	1.30575	0.778858	0.553026	1
cg01413249	PVT1	0.358751	0.354274	1.44476	1.44476	0.2018947	0.810807	-1.21334	0.5612322	1.25967	1.25967	0.154205	1.13426	1.13426	0.117802	1.92659	1.92659	0.223898	1.63772	1.63772	0.315479	1.49280	0.69233	1.16596	1.16596	0.769275	1.12026	1.12026	1.30575	3.082522	2.09842	1
cg12637194	PCDTH;PCDTHC;MIPEP	0.358759	0.0088945	0.4691291	-2.46068	0.675197	0.810807	-1.21334	0.5612322	0.746492	-1.9396	0.0265032	0.28217	-3.54597	0.397207	0.649585	-1.53944	0.237098	0.97732	-1.07826	0.404589	1.52867	1.52867	0.0844075	-1.68938	0.959832	0.975247	-1.02538	1.30573	5.12162	3.48659	1
cg17608500	PLAD1;FLAD1	0.358763	0.296025	1.2164	1.2164	0.4073309	0.857924	-1.1656	0.9894662	0.997616	-1.00239	0.500494	0.883709	-1.13159	0.563052	1.1149	1.11149	0.843454	1.03639	1.03639	0.0549853	0.6747631	-1.482	0.815194	0.958556	-1.04324	0.147158	1.32476	1.32476	1.30572	0.67587	0.466109	1
cg12856612	SREBF2	0.358764	0.957589	1.01145	1.01145	0.10451	1.46211	1.46211	0.09065596	1.49043	1.49043	0.726152	0.927485	-1.07818	0.834413	1.04583	1.04583	0.757072	1.06868	1.06868	0.799754	0.940739	-1.05955	0.847698	0.828004	0.849303	-1.0534	1.30572	0.947746	0.645194	1
cg02653875	BAI1	0.358771	0.771841	1.14611	1.14611	0.2412095	1.48191	1.48191	0.1535913	1.51313	1.51313	0.57913	1.763028	1.763028	0.0103558	1.5002	1.5002	0.403314	1.45873	1.45873	0.194218	0.525091	-1.90443	0.707848	1.19319	1.19319	0.128841	2.15432	1.2152	1.3057	4.54921	3.09699	1
cg22116290	SMPD3	0.358771	0.394559	1.15838	1.15838	0.762065	0.950092	-1.05253	0.459722	1.13531	1.13531	0.587154	1.09684	1.09684	0.4683051	1.13248	1.13248	0.626212	1.08628	1.08628	0.0445305	0.6777767	-1.47543	0.555719	0.904406	-1.1057	0.193857	1.26083	1.26083	1.3057	0.587809	0.400166	1
cg12947009	C21orf2	0.358773	0.126617	0.288857	-3.46192	0.423134	1.81923	1.81923	0.659163	1.39595	1.39595	0.54192	0.628769	-1.59041	0.100476	0.25866	-3.86608	0.729772	1.29771	1.29771	0.893833	0.9094525	-1.10555	0.0847698	0.238604	-4.18947	0.484823	0.586558	-1.70486	1.30569	11.6793	7.95098	1
cg27093403	BCAT1	0.358777	0.32016	0.945584	-1.05756	0.509057	0.680017	-1.47055	0.254939	0.504044	-1.98395	0.145362	0.496404	-2.46006	0.0672119	0.462492	-2.15867	0.17677	0.437514	-2.28564	0.0484815	0.2731135	-3.6612	0.266006	0.5131105	-1.94892	0.176154	0.436934	-2.28867	1.30569	6.85413	4.66617	1
cg27214687	GPC1	0.358778	0.878595	1.09545	1.09545	0.0914161	3.03023	3.03023	0.195333	2.26336	2.26336	0.748715	1.21128	1.21128	0.176826	0.424762	-2.35426	0.544565	0.693672	-1.4416	0.235931	0.4767557	-2.0975	0.68507	1.27529	1.27529	0.567119	0.708216	-1.412	1.30568	7.35555	5.00755	1
cg07794237	ZNF662B;ZNF646	0.358784	0.715208	1.24216	1.24216	0.407056	1.66824	1.66824	0.2160721	1.67026	1.67026	1.76	?	?	?	0.048197	2.03931	0.2509178	1.91109	1.91109	0.0556063	0.9075537	-1.03355	0.975828	1.72358	1.72358	0.644543	0.757092	-1.32084	1.30244	6.57855	5.05096	1
cg13651446	PTPLA	0.358791	0.08104949	0.400379	-2.49764	0.362188	1.57568	1.57568	0.884567	1.07117	1.07117	?	?	?	0.34828	0.63321	-1.57926	0.151545	0.483297	-2.06912	0.706838	1.19577	1.19577	0.471898	1.41379	1.41379	0.55462	1.32686	1.32686	1.30242	4.10577	3.15243	1
cg20433236	TMTC3;CEP290;CEP290	0.358793	0.45673894	0.815116	-1.22683	0.534345	1.022249	1.022249	0.9333254	1.03972	1.03972	0.89442	1.08187	1.08187	0.7614666	-1.31326	0.38101	1.2409982	-1.33337	0.2509	0.9738158	0.7244661	-1.38055	0.2237	0.5212175	-1.92007	0.0428759	0.2373	-4.21494	1.30569	14.4857	11.0005	1
cg15724937	RAI1	0.358794	0.572727	-1.10153	1.10153	0.301395	1.1992	1.1992	0.0380363	1.50383	1.50383	0.900706	1.0214	1.0214	0.160957	0.775663	1.28922	0.734461	0.943875	-1.05946	0.654994	1.07929	1.07929	0.375215	1.16697	1.16697	0.616884	1.08934	1.08934	1.30564	0.595203	0.405218	1
cg06243458	BANF2;BANF2;BANF2	0.358797	0.138207	0.308643	-3.25899	0.198784	0.366017	-2.79211	0.0827723	0.241239	-4.14527	0.487405	0.68576	1.68576	0.178233	0.346896	-2.88271	0.672207	0.729786	-1.37027	0.179146	0.3401642	0.80402	-2.8734	0.301616	0.452882	-2.20808	0.985418	0.198564	-1.01362	1.30563	11.3282	7.71234	1
cg10544995	SH3BP4	0.3588	0.04955789	0.620318	-1.61128	0.3205	0.419603	0.70323	1.00323	0.1882	1.18382	0.1553	0.513113	0.513113	0.153979	0.53304	-1.87602	0.163861	0.4885	-2.04762	0.0538855	0.2550722	2.55547	1.14087	0.083615	-11.9572	0.0394645	0.14589	1.14351	1.14351	0.3663	0.376815	0.265541	0.2555	1
cg14955495	CASKIN2;TSEN54	0.358807	?	?	?	0.950624	1.03264	1.03264	0.20418	0.496186	-2.01537	0.118525	0.410564	-2.43567	?	?	?	0.0953226	0.381161	-2.62356	0.933838	1.04401	1.04401	0.516574	0.710465	-1.40753	1.32094	3.67313	3.24415	1
cg19728055	OXSR1	0.358809	0.177105	0.657875	-1.52003	0.519744	0.3671	1.28057	0.9596474	1.10872	1.10872	1.16871	0.0334184	0.894253	-1.11836	0.266572	0.8998878	0.9639027	-1.03742	0.6316688	1.1514	1.1514	0.0764975	0.9349426	-1.06954	0.8477387	1.22714	0.2771475	1.08872	1.30561	1.76169	1.1994	1
cg18380123	SDK1;SDK1	0.358811	0.313067	1.17006	1.17006	0.543542	0.911607	-1.09696	0.0835811	1.33409	1.33409	0.226015	0.825291	0.825291	0.145361	0.858292	-1.16511	0.227997	0.826579	-1.20981	0.614707	0.9256451	-1.07939	0.721668	1.05531	1.05531	0.910969	-1.09773	1.3056	3.648451	0.318935	1
cg23028740	C1orf100	0.358819	0.20968	0.357145	-2.79998	0.735285	0.767762	-1.30249	0.110095	0.257636	-3.88144	0.901455	1.10128	1.10128	0.364799	0.484228	-2.06514	0.626812	0.68278	-1.4646	0.0736804	0.21166	-4.72457	0.706709	0.744994	-1.34229	0.0602564	0.191988	-5.20862	1.30558	12.5402	8.53785	1
cg02760031	TCF15	0.358819	0.437586	0.828039	-1.20722	0.597236	0.977346	-1.02345	0.9213	0.838345	-1.19228	0.144125	0.597756	1.67356	0.0313753	0.42667	-2.34373	0.203072	0.385651	-2.59358	0.0478258	0.1315	-7.60267	-2.83537	0.0458752	-21.8181	0.0265901	0.713425	-1.40169	1.30558	7.13103	4.85781	1
cg13559409	ABCA1	0.35882	0.812809	0.927336	-1.07836	0.8865734	0.547711	-1.82578	0.909729	1.03673	1.03673	0.396293	1.31817	1.31817	0.118961	1.71284	1.71284	0.912259	1.03657	1.03657	0.116253	1.71285	1.72085	0.695126	1.13344	1.13344	0.736484	1.11339	1.11339	1.30558	2.09113	1.42373	1
cg04982190	APOBEC4;RGL1	0.358824	0.05002804	0.605105	-1.65244	0.453545	0.122449	2.20744	0.2074644	0.693737	1.44147	0.326017	0.693737	1.44147	0.326017	0.693737	1.44147	0.326017

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(147T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error
cg16542059	NDST2	0.359331	0.983701	1.00546	0.100546	1.022727	0.18272	0.985155	0.9938448	1.00619	0.194478	1.44139	0.214401	0.717251	1.39421	0.226448	1.40256	0.862102	1.04747	1.04747	0.601186	1.15383	1.15383	0.858481	0.95157	1.04869	1.04036	1.46576	0.9988865	1
cg15357376	CAPN5	0.359322	0.86783	0.969772	-1.03117	0.304083	1.21672	1.21672	0.238339	1.2556	1.2556	0.624474	1.09577	1.025447	1.06244	0.756693	-1.31632	0.484688	0.877336	-1.13981	0.0668447	0.684789	-1.4603	0.748177	1.06116	1.06116	0.779291	0.9405541	-1.05314	1.30433	0.7016601	0.478136	1
cg03520966	ACTA2;FAS;FAS;FAS;FAS;FAS;FAS;FAS	0.359326	0.2217754	1.31311	1.31311	0.0396701	1.65623	1.65623	0.4759021	0.8574778	-1.16621	0.947899	0.986235	-1.01396	0.92695	1.01964	1.01964	0.380105	1.21042	1.21042	0.491281	0.8621933	-1.15983	0.407956	0.8156666	-1.19665	0.6217158	0.8099884	-1.11125	1.30432	0.92931	0.633323	1
cg27411982	RIP11	0.359333	0.3686053	0.8318825	-1.19109	0.936909	0.905382	-1.10042	0.285983	1.26245	1.26245	0.200634	1.32115	1.32115	0.8819944	1.48497	1.48497	0.007045	0.979381	-1.02047	0.1314493	1.40838	1.40838	0.532057	0.8753384	-1.14238	0.774524	0.9413821	-1.06227	1.30431	0.913739	0.622716	1
cg04308323	ZNF248	0.359333	0.609395	0.927142	-1.07858	0.606045	1.07915	1.07915	0.61152	0.927566	-1.07809	0.41787	0.885565	-1.12923	0.9561783	1.37247	1.37247	0.615695	0.928396	-1.07713	0.696036	0.943993	-1.05933	0.0980569	1.30526	1.30526	0.533089	1.0971	1.0971	1.3043	0.445164	0.303383	1
cg08373904	HCCA2	0.359344	0.7775984	1.08336	1.08336	0.5382139	0.839539	-1.19113	0.876924	1.04445	1.04445	0.759083	0.9372373	-1.09019	0.640705	1.14101	1.14101	0.40593	1.2695	1.2695	0.0222849	0.15702	0.15702	0.1866	1.4813	1.4813	0.732276	0.9081125	-1.10117	1.30427	1.62694	1.308283	1
cg17330459	DACH2;DACH2;DACH2;DACH2	0.359346	0.1563842	0.3057593	-3.27019	0.1793035	0.3280247	-3.04855	0.71177	0.7482474	-1.33646	0.1426155	0.42657	3.42657	0.2836699	2.38786	2.38786	0.197472	0.3448847	-2.89984	0.9848122	1.01499	1.01499	0.8625744	1.14499	1.14499	0.9361	1.06467	1.06467	1.30427	12.61554	8.59771	1
cg15135659	HLA-DQB2	0.359335	0.3780576	0.6403256	-1.47001	0.2109279	0.5073511	-1.91932	0.1444807	0.5124401	-1.95135	0.8298883	1.05599	1.05599	0.1330278	1.79441	1.79441	0.2106588	1.75392	1.75392	0.3830866	0.6217795	-1.60825	0.8552708	1.08234	1.08234	0.8532711	1.502089	1.502089	1.30426	3.74825	2.55488	1
cg04418390	PKD1;PKD1	0.359339	0.201877	0.539003	-1.85528	0.300069	0.6481	1.63481	0.156777	2.00289	2.00289	0.040864	1.6025	1.6025	0.0104624	0.490845	-2.0373	0.679322	0.826426	-1.21003	0.200276	0.537687	-1.85982	0.538771	0.751482	-1.3307	0.7592268	1.15139	1.15139	1.30423	4.34468	2.96108	1
cg03094481	C13orf15	0.35936	0.0312335	0.521033	-1.91926	0.3005517	0.758373	-1.31879	0.846638	1.05121	1.05121	0.421218	1.23606	1.23606	0.809724	1.06419	1.06419	0.536001	0.850744	-1.17544	0.3117295	0.765953	-1.30556	0.780182	1.07483	1.07483	0.254478	0.735723	-1.35921	1.30423	1.37419	0.936565	1
cg01274626	ZNF709;ZNF709	0.35936	0.7498828	0.8771155	-1.14042	0.647381	0.827991	-1.20774	0.2127093	0.5085511	-1.96653	0.451189	0.3435	1.36975	0.7823137	1.29102	1.29102	0.1940668	1.75615	1.75615	0.153008	0.534074	1.8724	0.553315	0.7288604	-1.37206	0.7284622	0.9231186	1.68974	1.68974	1.30423	3.46984	2.36485	1
cg10287320	PALLD;PALLD;PALLD;PALLD	0.359366	0.5716564	0.838824	-1.19215	0.832392	0.9369911	-1.06734	0.730166	1.11234	1.11234	0.613705	1.03308	1.03308	0.056631	1.94154	1.94154	0.145505	1.61703	1.61703	0.403141	1.30092	1.30092	0.69966	0.8876312	-1.12659	0.2044477	0.662502	-1.50943	1.30422	1.95303	1.33108	1
cg17518079	TPO;TPO;TPO;TPO	0.359367	0.139576	0.4858124	-2.05929	0.4355172	0.6966051	-1.43538	0.5964112	1.30313	1.30313	0.1865969	1.00837	1.00837	0.0832995	0.4149496	-2.38851	0.871087	1.07658	1.07658	0.4865196	1.37918	1.37918	0.147676	0.4697225	-2.02542	0.213154	0.5654438	1.76854	1.76854	1.30421	4.26414	2.60923	1
cg05801879	MBTPS1	0.35937	0.312247	0.6234007	-1.60409	0.2426516	1.73802	-1.73802	0.08559	2.36082	2.36082	0.167906	1.14314	1.14314	0.899008	1.484217	-1.05908	0.890541	0.939651	-1.06422	0.3870397	1.49306	1.49306	0.151919	2.00152	2.00152	0.013837	2.056565	2.056565	1.30421	4.22118	2.87607	1
cg17594003	ZEB2;ZEB2;ZEB2	0.359373	0.945586	1.06482	1.06482	0.357037	0.4418251	-2.39091	0.24624	0.327628	-3.05224	0.458861	2.00182	2.00182	0.2893139	0.3716579	-2.69049	0.224219	3.2378	3.2378	0.726514	0.723876	-1.38145	0.0934619	0.546163	0.546163	0.39704	2.22117	2.22117	1.3042	17.4911	11.9212	1
cg24246360	IBTK	0.359389	0.491227	0.810717	-1.2341	0.3270753	0.5477844	-1.82602	0.3171381	0.6256663	-1.64749	0.3403362	1.02021	1.02021	0.1898604	0.6557004	-1.52497	0.5247394	1.10081	1.10081	0.7706178	-1.29836	0.3277251	1.32972	1.32972	0.21476	1.44537	1.44537	0.3439888	1.41033	1.41033	0.1722722	0.663979	1.5065	1.50416	1.64331	1.12005	1
cg14037082	KIF26B	0.3594	0.9472324	1.01821	1.01821	0.152616	0.6589494	-1.51862	0.0599705	0.5606511	-1.78377	0.697801	0.1112228	1.11228	0.8781111	1.04274	1.04274	0.547749	1.18058	1.18058	0.229082	1.41087	1.41087	0.75364	0.9177722	-1.08965	0.3698555	1.2855	1.2855	1.30413	1.53613	1.04702	1
cg07195090	SLC39A13;SLC39A13	0.359402	0.879234	1.03186	1.03186	0.50776	1.149007	1.149007	0.1240104	1.40993	1.40993	0.597836	0.895774	-1.11635	0.4608882	0.8565222	-1.16751	0.69282	0.921355	-1.08536	0.6632403	0.64088	-1.53875	0.479917	1.16131	1.16131	0.387533	1.20048	1.20048	1.30413	0.8780964	0.599167	1
cg17482706	C9orf41	0.359408	0.8340613	0.9712498	-1.02955	0.310494	0.8774	-1.13973	0.5777184	1.08971	1.08971	0.5377734	1.08107	1.08107	0.883988	1.02847	-1.03633	0.3754724	1.08045	1.08045	0.7867778	-1.22826	0.5699239	1.08308	1.08308	0.6598969	0.9475	-1.05541	1.30411	0.3097793	0.271137	1
cg26871386	CTDP1;CTDP1	0.359411	0.828887	0.932973	-1.07184	0.1972558	1.54793	1.54793	0.798733	0.9221362	-1.08535	0.9547119	0.9819563	-1.01837	0.1280383	1.69435	1.69435	0.4439272	1.28423	1.28423	0.0293334	2.27679	2.27679	0.9535303	0.9814483	-1.01887	0.7308896	1.11702	1.11702	1.3041	2.1221	1.44644	1
cg09370115	RNF6;RNF6;RNF6	0.359413	0.2609393	1.27301	1.27301	0.643584	1.2	1.2	0.926004	0.8802057	-1.01931	0.3101433	1.24661	1.24661	0.7385681	0.9933362	1.0714	0.8287884	1.0464	1.0464	0.133282	0.716031	-1.39659	0.1778808	0.7946698	-1.34283	0.1979771	1.32331	1.32331	1.3041	0.8754478	0.596734	1
cg24394819	RPTOR;RPTOR	0.359413	0.6349559	0.624855	-1.60037	0.337092	0.3786065	-2.64128	0.0500538	0.1114442	-8.97332	0.948606	1.06535	1.06535	0.245421	0.303279	-3.29729	0.519564	0.5267	-1.89861	0.054152	0.11692	-8.55286	0.976368	1.02952	1.02952	0.786636	1.30531	1.30531	1.3041	19.9186	13.5767	1
cg22805517	C1orf25;C1orf25	0.359416	0.1140013	0.7605113	-1.3149	0.274665	1.0257	1.0257	0.9939514	0.9894	0.9894	0.1994822	0.50226	0.541602	1.22257	1.22257	1.29427	0.1989345	0.9919355	1.00813	1.402021	1.4003	1.4003	0.0595281	0.9314	0.9314	0.7284524	0.9911	0.9911	1.3041	1.10724	0.7548	1
cg12198176	RTDR1;GNAI2	0.359415	0.82799	1.1721	1.1721	0.08994	0.91158	1.91158	0.0273709	6.7176	6.7176	0.449084	1.75577	1.75577	0.612466	0.688822	1.45175	0.9290387	1.06711	1.06711	0.937548	0.94442	-1.05885	0.425887	1.81003	1.81003	0.683403	1.34881	1.34881	1.30409	10.9989	7.49703	1
cg11172249	IL2RA	0.359415	0.0860645	0.2603099	-3.84027	0.849494	0.8793910	-1.14427	0.447658	0.5577528	-1.73152	0.332941	0.4923777	-2.03097	0.0831002	0.2647225	-3.7775	0.234179	0.4128235	-2.42227	0.0862663	0.261153	-3.81282	0.679313	0.9169369	0.348673	-2.86801	0.328446	0.4889222	-2.04532	1.30409	10.394	7.08471	1
cg07036449	AMPD2;AMPD2;AMPD2	0.359416	0.4515882	0.6211	0.6211	0.0154209	1.76236	1.71936	0.1762762	0.8546621	-1.64749	0.3403362	0.5967227	-1.67627	0.3171381	0.7176578	-1.39342	0.5247394	1.10081	1.10081	0.7706178	-1.29836	0.3277251	1.32972	1.32972	0.21476	1.44611	1.47611	0.7674327	0.9369999	-1.06724	0.3284636	1.24774	1.24774	1.30409	0.8443954	0.677834	1
cg22152050	BCL2;BCL2	0.359425	0.2879938	1.30696	1.30696	0.262679	1.32759	1.32759	0.33142	1.27527	1.27527	0.568087	1.14489	1.14489	0.957179	1.01311	1.01311	0.5065318	1.17767	1.17767	0.0687799	0.6100339	-1.63924	0.2141666	1.37348	1.37348	0.58339	0.8742244	-1.14384	1.30407	1.21605	0.828891	1
cg11387240	SLC22A4	0.359432	0.775926	0.9408859	-1.06309	0.1213523	0.56728	1.56728	0.4071284	0.6228885	-1.60548	0.4472384	1.14285	1.14285	0.8979651	0.9756684	-1.02488	0.4143375	0.857469	-1.16622	0.6468823	0.917175	-1.0903	0.8839304	0.9095682	-1.04201	0.0860951	1.56608	1.56608	1.30405	0.6894643	0.467279	1
cg09137451	CLSTN3;R8P5	0.359433	0.1583331	0.655227	-1.52619	0.56349	1.17789	1.17789	0.969154	0.988218	-1.0109	0.13514	0.63666	-1.5707	0.4254124	0.519597	1.92457	0.5248339	0.834726	1.198	0.2708916	0.7722003	-1.38503	0.8965845	0.8635893	0.963893	1.03746	1.0405	1.62313	1.10639	1
cg10712561	RUNDC3A;RUNDC3A;RUNDC3A	0.359448	0.655246	1.27201	1.27201	0.23649	1.94271	1.94271	0.916016	1.0581	1.0581	0.779379	0.8604046	-1.16224	0.2707567	1.84758	1.84758	0.1579171	2.24385	2.24385	0.0344817	3.74431	3.74431	0.229064	1.96552	1.96552	0.796149	0.8705576	-1.14867	1.30401	5.91969	4.0352	1
cg22268888	FAM158A;FAM158A	0.359465	0.5167797	1.03169	1.03169	0.0963706	1.127561	1.127561	0.7722345	1.19038	1.19038	0.668595	1.02603	1.02603	0.8483224	1.03586	1.03586	0.581523	1.07847	1.07847	0.6868595	1.02305	1.02305	0.8678351	1.02601	1.02601	0.21746	1.22153	1.22153	1.30397	0.4911894	0.334833	1
cg01015507	LOC84740	0.359465	0.811924	1.14793	1.14793	0.0380611	0.248658	-4.02158	?	?	0.925321	0.947186	-1.05576	0.0948587	0.345625	2.89331	0.933061	0.952542	-1.04982	0.270259	0.514587	-1.94331	0.664993	0.77712	-1.2868	0.46203	0.648336	-1.54241	1.3007	6.13384	4.71581	1
cg19815565	LOC100130522;LOC100130522;PARD6G	0.359472	0.306517	2.0561	2.0561	0.362502	1.89128	1.89128	0.774971	0.822706	-1.2155	0.520592	1.55797	1.55797	0.164145	0.363938	-2.74772	0.981757	1.01569	1.01569	0.119267	3.16163	3.16163	0.0904682	3.56123	3.56123	0.635904	1.38363	1.38363	1.30395	9.57382	6.52635	1
cg06242000	ALG3;ALG3;ALG3;ECE2;ECE2;ALG3	0.359477	0.306432	0.653934	-1.52921	0.0705721	0.444583	-2.2493	0.17325	1.78835	1.78835	0.889924	0.9459666	-1.05712	0.494494	0.757078	-1.32087	0.589518	0.803723	-1.24421	0.143201	0.532006	-1.87968	0.403149	0.709506	-1.40943	0.772174	1.12351	1.12351	1.30394	3.32308	2.26533	1
cg26108844	RNGTT	0.35948	0.545535	0.7093819	-1.40965	0.1725524	0.5203773	-1.92117	0.622975	1.60613	1.60613	0.2481	1.00208	1.00208	0.0093221	0.9135707	-1.09441	0.3918821	0.9356006	1.07046	0.5514589	0.9931455	1.00746	1.00746	0.9314189	0.9933135	0.479432	2.02858	2.02858	1.30393	0.4188087	2.8501	1
cg17344478	C17orf50	0.35949	0.157716	0.30666	-3.26094	0.13575	0.284223	-3.51836	0.146219	0.295087	-3.38883	0.597596	0.659142	-1.51712	0.28818	0.421975	-4.36981	0.1876991	0.3353934	-2.98158	0.0603483	0.190627	-5.24584	0.195518	0.342599	-2.91886	0.8309955	0.8459998	-1.18203	1.30391	12.6437	8.61938	1
cg02572453	ZFP112;ZFP112;ZFP112;ZFP112	0.359483	0.1952353	0.53138	0.53138	0.0793934	0.6513212	0.6513212	0.3896103	0.53609	-1.86536	0.2801001	0.133771	2.13771	0.2337511	0.4919115	0.556865	-1.79545	0.2345	0.2345	0.1139	0.4219	0.4219	0.1554	0.629397	-1.5882	0.4297761	0.3191	0.3191	1.30391	0.3196	0.072529	1
cg12558347	SLC22A5	0.359491	0.207935	0.394597	-2.53423	0.707054	0.980059	-1.02035	0.530256	1.56092	1.56092	0.196607	0.384414	-2.60136	0.0816488	0.258852	-3.86321	0.314424	0.482586	-2.07217	0.100412	0.283523	-3.52705	0.421478	0.562636	-1.77735	0.225409	0.409772	-2.43919	0.3039	0.1293	0.90525	1
cg11912765	PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3	0.359492	0.802731	0.84708	-1.18053	0.321396	0.507006	-1.97236	0.951676	1.041	1.041	0.300557	2.03652	2.03652	0.859885	1.12429	1.12429	0.0260376	5.76205	5.76205	0.963221	0.96989	-1.03104	0.861182	1.12305	1.12305	0.23903	2.26495	2.26495	1.3039	9.07807	6.18865	1
cg22813019	NCOR2;NCOR2	0.359503	0.799455	0.949393	-1.0533	0.997493	0.999359	-1.00064	0.314653	0.80887	-1.23629	0.197767	0.757513	-1.32011	0.455055	0.856229	-1.16791	0.192312	1.32514	1.32514	0.11448	1.44936	1.44936	0.254602	1.27458	1.27458	0.5383387	1.0872	1.0872	1.3038	0.8593979	0.585863	1
cg16063115	HECTD1	0.359507	0.4093464	0.8607193	-1.16181	0.5125618	0.6119319	-1.63419	0.3884215	0.6242212	-1.60233	0.3466453	0.4222	-2.36843	0.1256433	0.5077103	-1.96933	0.1107411	0.5959183	-1.67819	0.1046083	0.3466033	-2.88504	0.1098451	0.4525245	1.10711	0.4255176	0.5995705	-1.66793	0.2599258	-3.84811	0.1109085	1.30386	0.58335	0.3363227	1
cg24638099	HLA-DRB6	0.359512	0.298677	5.56549	5.56549	0.818226	0.692915	-1.44318	0.186065	0.10709	-9.33792	0.475333	3.17961	3.17961	0.472316	0.3119938	3.20576	0.5577302	2.57234	2.57234	0.0517247	34.0596	34.0596	0.528359	2.76752	2.76752	0.576143	0.40657	-2.4596	1.30385	52.4384	35.7493	1
cg10374482	PITPNM2	0.359513	0.607426	1.3301	1.3301	0.2940207	1.712471	1.712471	0.4264572	2.8875	2.8875	0.163675	0.781948	-1.27886	0.9147005	0.9583819	-1.04342	0.357005	1.62234	1.62234	0.1766151	0.3215	0.3215	0.0444975	1.48767	1.48767	0.4596	1.464887	1.30385	5.38696	3.67251	1
cg10648252	CUX1;CUX1;CUX1	0.359518	0.615902	0.816459	-1.2248	0.0988227	0.06588	1.06588	0.4208171	0.3692	0.3692	0.784876	0.2678835	0.6743087	1.3692	-1.78833	0.744852

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1119 vs. N)	Fold-Change(1119 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	SS(Test)	SS(Error)	df(Error)
cg11196628	LOMN;LGMN	0.35986	0.256158	0.509019	1.9727	1.0428143	0.231932	-4.31162	0.109609	0.334875	-2.98619	0.793221	1.17912	1.17912	0.545904	0.681593	0.545426	0.678608	-1.4736	0.883284	1.09651	1.09651	0.930423	1.0563	1.0563	0.382532	1.75359	1.30209	0.11756	5.53774	1
cg05229723	NFYB	0.35982	0.451886	0.581303	-1.72027	0.4826229	0.202399	-4.94073	0.968229	0.972203	-1.02859	0.180771	2.73419	2.73419	0.437082	0.570572	-1.75263	0.780071	1.21912	1.21912	0.916687	1.07495	0.268135	2.62338	2.62338	0.67506	1.34706	1.30298	0.10384	7.05279	1
cg02656048	JAKMIP3	0.35983	0.355534	1.55909	1.55909	0.04777	2.87962	2.87962	0.156177	2.03172	2.03172	0.287562	1.67528	1.67528	0.184416	1.91069	1.91069	0.26823	1.71409	1.71409	0.10434	2.29257	2.29257	0.915916	1.05059	1.05059	0.361179	1.55058	1.55058	1.30298	4.50612	3.07406	1
cg25554212	COL23A1	0.35984	0.251822	0.453892	-2.20317	0.179145	0.390006	-2.56406	0.10663	0.312721	-3.19774	0.765375	1.8208E-2	-1.21832	0.218776	0.443045	-2.25711	0.080489	0.278265	-3.59301	0.136119	0.346576	-2.88537	0.994339	1.00465	1.00469	0.784025	1.19875	1.30298	8.98421	6.12901	1
cg15237356	DPEP1	0.35985	0.0383004	0.613537	-1.62989	0.2529165	1.27507	1.27507	0.283618	1.25444	1.25444	0.695972	0.923197	-1.08319	0.41417	1.18515	1.18515	0.694051	0.922701	-1.08377	0.501305	0.870327	-1.14899	0.977328	0.994234	1.0058	0.794067	0.948158	1.05468	1.30297	0.85454	0.582967	1
cg24141863	WDR17;WDR37	0.35985	0.825387	1.0589	1.0589	0.343729	0.776748	-1.28742	0.506245	0.839717	-1.19088	0.762806	0.924593	-1.08156	0.963244	0.988135	-1.01201	0.073445	0.472106	-2.18137	0.429257	0.811385	-1.23246	0.569291	1.16065	1.16065	0.715885	1.09931	1.09931	1.30297	1.38454	0.944532	1
cg04837412	TANC2	0.35989	0.32623	0.593708	-1.68433	0.6352378	0.782079	-1.27864	0.416345	0.652278	-1.53309	0.68305	0.809644	-1.23511	0.033885	0.279705	-3.5752	0.349789	0.609535	-1.6406	0.181366	0.481986	-2.07475	0.816367	1.1271	1.1271	0.0949556	0.389126	-2.56086	1.30296	5.45981	3.72471	1
cg15685604	ACADM;ACADM;ACADM;ACADM	0.35987	0.900666	1.02778	1.02778	0.526748	1.19524	1.13524	0.15777	1.399	1.393	0.4628709	1.37856	1.13856	0.0360888	0.585658	-1.70748	0.727735	0.926168	-1.07972	0.421996	0.835742	-1.19654	0.965901	0.990662	-1.00943	0.931557	1.01858	1.01858	1.30296	0.990815	0.677987	1
cg24721777	LOC39659;MAFG	0.35971	0.148	0.721242	-1.3865	0.1823111	1.34722	1.34722	0.117444	1.43053	1.43053	0.170389	1.7953333	1.35993	0.060575	1.0112	-1.09745	0.592533	0.892443	-1.12047	0.979815	0.994687	-1.00534	0.957833	1.0112	1.0112	0.894405	1.02836	1.02836	1.30296	0.914922	0.624167	1
cg27149875	SACS	0.35973	0.489346	0.814145	-1.22828	0.756157	0.912837	-1.09549	0.154195	0.639817	-1.56295	0.153436	0.639216	-1.56442	0.0408339	0.500982	-1.99608	0.846565	0.944861	-1.05836	0.373831	1.30639	1.30639	0.392255	0.77367	-1.29254	0.69567	0.891282	-1.12198	1.30295	1.76883	1.20671	1
cg06939312	SIGAP1	0.35976	0.429203	0.615509	-1.62504	0.1687897	1.10566	1.10566	0.334758	1.287775	1.2604	0.2851543	1.04722	1.04722	0.847372	0.627795	-1.59287	0.153362	0.387347	-2.58107	0.0178	0.0178	1.67099	1.67099	1.1149	1.1149	0.433613	1.21947	1.21947	1.30295	1.25537	0.885643	1
cg01291474	LOC390595	0.35988	0.529788	1.4754	1.4754	0.540588	1.46012	1.46012	0.124123	2.76607	2.76607	0.110566	2.89339	2.89339	0.233483	2.46614	-2.14525	0.432434	1.63153	1.63153	0.262548	2.04167	2.04167	0.411592	0.5987	-1.67029	0.789202	0.848975	-1.17789	1.30293	7.70409	5.25591	1
cg07881157	ES21	0.35987	0.80674	0.780966	-1.28112	0.134719	0.59315	0.59315	0.830746	1.24442	1.24442	0.812301	1.27509	1.27509	0.374499	0.934829	-2.52424	0.369453	0.8099	-1.23467	0.700889	1.48334	1.48334	0.642819	0.913302	0.913302	0.2608804	1.23466	1.23466	1.30292	21.536	14.6925	1
cg15138986	GLRX3	0.35987	0.288577	1.25809	1.25809	0.182609	0.744711	-1.3428	0.163553	0.6455	-1.55018	0.10101	0.101101	0.211237	0.759959	-1.31586	0.190443	0.132605	1.33503	0.326645	0.808229	-1.23727	0.311308	0.8038884	-1.24396	0.422365	1.18625	1.18625	0.726826	0.929515	-1.07583	1.30292	0.89621	0.611421	1
cg11335119	TBCD	0.35988	0.962143	0.976213	-1.02437	0.604842	2.8625	2.8625	0.0381	3.38466	3.38466	0.712592	0.828894	-1.20643	0.909875	0.884881	-1.1301	0.704763	0.824421	-1.21297	0.957168	0.973127	-1.02762	0.97798	0.986099	-1.0141	0.837752	0.90123	-1.10959	1.30292	5.30843	3.62158	1
cg24109612	ID4	0.35984	0.409881	1.12748	1.12748	0.3109	1.25374	1.25374	0.505519	1.10096	1.10096	0.519458	1.09743	1.09743	0.878333	0.979427	-1.02205	0.446781	1.1673	1.11673	0.057651	0.734505	-1.36146	0.960502	1.00708	1.00708	0.448229	0.895802	-1.11632	1.3029	0.418256	0.28535	1
cg23191740	POFUT2;POFUT2;POFUT2	0.3599	0.482688	0.825846	-1.21088	0.976732	1.00785	1.00785	0.646245	0.883428	-1.13195	0.31763	1.31922	1.31922	0.279839	1.35162	1.35162	0.45171	0.814129	-1.22831	0.0363265	1.92065	1.92065	0.469365	0.82085	-1.21825	0.768206	1.08249	1.08249	1.30289	1.48422	1.0126	1
cg07044875	LANCL2	0.35994	0.291432	0.796512	-1.27144	0.124097	1.44097	1.44097	0.613258	1.11854	1.11854	0.410543	0.831428	-1.20275	0.770722	0.937906	-1.0662	0.636135	0.900732	-1.11021	0.0622111	1.58453	1.58453	0.717629	0.98209	1.00293	0.625553	0.897728	-1.11392	1.30288	0.990916	0.677486	1
cg05059305	ZC3HC1	0.35995	0.216975	0.702486	-1.42352	0.0518412	1.82481	1.82481	0.245005	0.737261	-1.35637	0.785021	0.922268	-1.08414	0.729241	1.10624	-1.10242	0.711326	0.903889	-1.10633	0.875059	0.958326	-1.04349	0.902547	0.996705	1.00293	0.996705	0.745216	-1.34189	0.462659	1.22537	1.22537	0.18287	1.52484	1.04033	1
cg13191334	KIAA1310;KIAA1310	0.35909	0.624761	0.826357	-1.21013	0.635115	1.20317	1.20317	0.307992	1.50422	1.50422	0.298088	0.658803	-1.5179	0.808061	1.09874	1.09874	0.741705	1.13652	1.13652	0.0291136	0.369742	-2.70459	0.383347	0.707606	-1.41322	0.633159	0.830236	-1.20448	1.30286	3.08898	2.10748	1
cg05910044	C5orf19	0.35991	0.831078	1.18372	1.18372	0.290666	0.705355	-1.41796	0.0259657	0.423148	-2.36324	0.411265	1.59356	1.59356	0.0507302	0.172418	-1.79986	0.631969	1.4637	1.4637	0.471607	0.568224	-1.75922	0.850402	1.1149	1.1149	0.153764	1.29475	-1.31918	1.30286	12.8626	8.77564	1
cg14797438	PPP4R1;PPP4R1	0.35993	0.751427	1.03457	1.03457	0.593396	0.19534	-1.05934	0.20819	0.867682	-1.1525	0.608173	0.946191	-1.05687	0.647363	1.0505	1.0505	0.332254	0.898535	-1.11292	0.0907565	1.22057	1.22057	0.717856	0.963932	-1.03957	0.120842	1.19714	1.19714	1.30285	0.236074	0.161064	1
cg05488056	AK2;AK2;AK2;AK2	0.35994	0.18564	1.12955	1.12955	0.674501	0.665555	1.15426	0.168366	1.07259	1.07259	0.81886	1.05587	1.05587	0.0370477	0.533977	-1.8724	0.448445	1.01994	1.01994	0.953915	0.882638	-1.21856	0.859536	1.04607	1.04607	0.585385	1.09931	1.09931	1.30285	2.51536	1.74826	1
cg12598198	HSP82	0.35923	0.916962	0.938602	-1.06541	0.0399952	4.23	4.23	0.225957	2.16524	2.16524	0.617449	0.736426	-1.35791	0.995061	1.00377	1.00377	0.729897	1.23439	1.23439	0.125912	2.735	2.735	0.864559	0.901472	-1.1093	0.495651	0.656825	-1.52247	1.30283	7.61685	5.19679	1
cg06435374	DPYSL2	0.35924	0.453882	1.59555	1.59555	0.124183	2.77192	2.77192	0.0210606	5.4698	5.4698	0.799876	1.16831	1.16831	0.571745	1.41899	1.41899	0.696083	1.20779	1.20779	0.227677	2.1717	2.1717	0.599692	1.38309	1.38309	0.8655	1.001391	-1.1094	1.30283	7.73837	5.27971	1
cg12522039	TMX3;CDC20B;CCDC102B	0.35926	0.41794	1.94586	1.94586	0.103168	0.238426	-4.19417	0.821083	0.833455	-1.19983	0.168214	0.909661	-1.25774	0.852541	1.06109	-1.06109	0.935816	1.03278	1.03278	0.760652	0.532479	1.66290	1.66290	0.376676	0.482103	-2.07425	0.237756	3.75974	1.30282	3.75974	2.88252	1
cg17169043	PSMB1;TBP	0.35928	0.239636	1.20696	1.20696	0.984011	1.00307	1.00307	0.456114	1.12294	1.12294	0.0873022	1.33427	1.33427	0.510961	0.90316	-1.10722	0.822124	0.966187	-1.035	0.107408	0.764577	-1.30791	0.862377	0.973842	-1.02686	0.364587	1.15295	1.15295	1.30282	0.481535	0.328543	1
cg26442667	SND1;SND1	0.35931	0.508657	1.18744	1.18744	0.0223026	0.495736	-2.0172	0.988574	1.00452	1.00452	0.879522	1.04098	1.04098	0.239739	1.27046	1.27046	0.579093	1.1408	1.1408	0.991923	1.00274	1.00274	1.00274	0.997249	-1.00007	0.98281	1.15572	1.15572	1.30281	1.93455	0.924261	1
cg07177867	LYSMD2;LYSMD2	0.35938	0.250857	0.552052	-1.81142	0.7164	0.985459	-1.01476	0.220743	1.8917	1.8917	0.1901	1.98807	1.98807	0.125135	0.439565	2.27498	0.997741	0.998599	-1.0014	0.29148	0.581544	-1.71956	0.286908	0.578351	-1.72905	0.917486	1.05265	1.05265	1.30279	1.05931	0.345194	1
cg18731202	TGFA;TGFA	0.35941	0.952356	0.983505	-1.01677	0.223993	0.700757	-1.42703	0.313534	0.748146	-1.33664	0.171242	1.50007	1.50007	0.0773359	1.72739	1.72739	0.980676	1.00676	1.00676	0.42424	1.25505	1.25505	0.530453	0.83787	-1.1935	0.673024	0.888561	-1.12542	1.30278	1.59879	1.09085	1
cg15509942	PTTG1IP	0.35942	0.179777	1.39304	1.39304	0.0233206	0.487736	-2.0515	0.0875554	0.715567	-1.39757	0.161567	1.4194	1.4194	0.0226264	2.44457	-2.44457	0.201772	0.413335	-2.41935	0.0195305	0.485308	-2.46726	0.0553245	0.963883	-1.03747	0.946532	1.52974	1.52974	1.30278	8.86414	6.048	1
cg17625506	HLA-F;HLA-F;HLA-F	0.35944	0.759325	1.21662	1.21662	0.180132	0.400007	-2.49956	0.674329	1.30968	1.30968	0.320061	1.93206	1.93206	0.0706745	0.787038	-1.27059	0.039247	0.210724	-4.74554	0.703919	1.22795	1.22795	0.504129	0.648367	-1.54234	0.692717	2.18853	1.28853	1.33384	8.41168	4.90496	1
cg04276417	ITGB1;ITGB1	0.35945	0.443632	0.654707	-1.52854	0.0185503	1.26456	1.26456	0.0366642	1.60496	1.60496	0.248793	1.49485	1.49485	0.0502334	1.66422	1.66422	0.0370447	0.533977	-1.87294	0.488581	0.602334	-1.66026	0.125722	0.405457	-2.46536	0.0398	1.4432	-1.15282	0.436706	-2.28987	0.0729395	0.538851	-1.85581	0.0891008	1.44705	1.30278	0.0691068	1.44705	1.30278	0.0691068	1.44705	1.30278	0.0691068

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09373227	ORAOV1	0.360447	0.338921	0.688418	-1.49607	0.594671	1.84542	1.24542	0.763077	0.884061	-1.13114	0.274895	1.59084	1.590084	0.111722	0.492673	-2.02074	0.494253	0.183994	1.78415	1.784151	0.164564	0.545521	-1.81831	0.803337	1.07407	1.07407	0.78216	1.11994	1.11994	1.30153	3.44282	2.3533	1
cg02367930	TIAM1	0.360469	0.142463	0.787286	-1.27019	0.274739	1.18814	1.18814	0.721711	0.947194	-1.05575	0.135692	1.27625	1.27625	0.245743	1.20221	1.20221	0.760291	0.954641	-1.04751	0.25443	0.834839	-1.19784	0.926055	0.986017	-1.01418	0.489772	1.1123	1.1123	1.30147	0.474318	0.323953	1
cg23455602	UGT8	0.360471	0.202715	1.20299	1.20299	0.127103	0.796435	-1.2556	0.520373	1.09306	1.09306	0.476595	0.905845	-1.10394	0.964399	1.0061	1.0061	0.985849	1.00242	1.00242	0.174863	0.819931	-1.21962	0.188941	1.21091	1.21091	0.621151	1.07034	1.07034	1.33243	0.383686	0.223968	1
cg04112471	SPSB4	0.360477	0.76988	0.887674	-1.12654	0.135555	0.520212	-1.92234	0.546465	0.780433	-1.28134	0.888869	1.08444	1.084444	0.283268	0.635809	-1.5728	0.579937	1.25802	1.25802	0.046264	0.395252	-2.53003	0.421945	1.39608	1.39608	0.335612	0.668096	-1.49679	1.30145	3.40105	2.32291	1
cg19255333	PEMT;PEMT;PEMT	0.36048	0.153609	0.230115	-4.34565	0.598159	1.66771	1.66771	0.899134	1.12969	1.12969	0.15022	2.226931	-4.40662	0.0607806	0.130986	-7.63441	0.469467	0.492786	-2.02928	0.178148	0.252629	-3.95837	0.337121	0.386104	-2.58597	0.374952	0.367997	-2.71741	1.30144	19.0605	13.0184	1
cg05330207	KCNK13	0.360481	0.243897	0.353908	-2.84166	0.31648	2.45072	2.45072	0.596818	1.58736	1.58736	0.240602	1.945281	-2.89619	0.895189	0.892181	-1.12085	0.231414	0.337401	-2.96383	0.456546	1.9277	1.9277	0.2938	0.4278	0.4278	0.858869	1.16914	1.16914	1.30144	15.4422	10.5471	1
cg09559036	PLEKHO1	0.360485	0.523056	0.717895	-1.39296	0.21199	1.96054	1.96054	0.209405	1.96856	1.96856	0.60471	1.30655	1.30655	0.276724	0.560287	-1.7848	0.56254	0.740969	-1.34958	0.746661	0.847068	-1.18054	0.256659	1.83354	1.83354	0.134503	0.437672	-2.28482	1.30143	5.40446	3.69129	1
cg20164175	GCG	0.360494	0.685457	0.75962	-1.31645	0.245704	0.432963	-2.30956	0.324985	0.565451	-1.76929	0.241177	0.456736	-2.18971	0.16354	0.306411	-3.26155	0.791182	0.835958	1.19623	0.246376	0.442755	-2.2586	0.0999354	1.37779	1.37779	0.476495	0.613362	-1.63056	1.30141	9.39673	6.41815	1
cg17127956	SACS	0.360496	0.609956	0.867281	-1.15303	0.883998	0.994258	0.05758	0.414688	1.25956	1.25956	0.673214	1.12457	1.12457	0.873506	0.956862	-1.04508	0.909658	1.03191	1.03191	0.016907	0.44644	-2.23994	0.528532	0.838015	-1.1933	0.684241	1.11388	1.11388	1.30141	1.57877	1.07834	1
cg05918312	PDE1A;PDE1A	0.360497	0.825813	0.875069	-1.14277	0.922948	0.943107	-1.06033	0.211599	2.21843	2.21843	0.20903	0.44853	-2.22951	0.443685	0.623225	-1.60456	0.0362514	0.228952	-4.36772	0.384905	0.583103	-1.71496	0.944939	1.04271	1.04271	0.524371	0.676632	-1.47791	1.3014	7.55623	5.16108	1
cg19906760	SNW1;C4orf18	0.360501	0.43909	0.722744	-1.38407	0.284755	1.31255	1.31255	0.0923	1.77755	1.77755	0.0602	1.10282	1.10282	0.0442525	1.15164	1.15164	1.15164	1.15444	0.488899	1.28971	1.28971	0.897243	1.11453	0.492341	1.25197	1.25197	0.154499	1.63416	1.63416	1.30139	2.14044	1.46198	1
cg16949539	NCK2;NCK2;NCK2	0.36051	0.138553	0.511755	-1.95406	0.0403547	0.369756	-2.70449	0.249033	0.603795	-1.65894	0.701699	0.859509	-1.16346	0.210469	0.574425	-1.74087	0.630349	1.22594	1.22594	0.689228	1.1898	1.18398	0.60028	0.800813	-1.24873	0.393009	0.692386	-1.44428	1.30137	3.63783	2.48478	1
cg04364251	ZNF496	0.360517	0.793784	0.904452	-1.05837	0.847277	0.969155	-1.04264	0.0221004	0.551992	-1.8117	0.940876	0.984096	-1.01619	0.794189	0.94496	-1.05825	0.987397	1.00343	1.00343	0.211141	1.33013	1.33013	0.40382	0.83112	-1.2032	0.272567	1.08101	1.08101	1.30135	0.966412	0.660221	1
cg25600446	GPT	0.360536	0.296577	0.442561	-2.25957	0.0843116	0.237311	-4.21388	0.763188	1.25309	1.25309	0.843592	0.867149	1.16043	0.167449	0.330102	-3.02936	0.278084	0.427608	-2.33859	0.0611978	0.204141	-4.89857	0.227973	0.385514	-2.59394	0.829818	0.850332	-1.17601	1.30131	11.6929	7.98713	1
cg04180460	CTNNB1;CTNNB1;CTNNB1;CTNNB1;CTN NB1;CTNNB1	0.360538	0.131129	0.745266	-1.3418	0.820593	0.959855	-1.04182	0.0981237	1.38716	1.38716	0.597551	0.908374	-1.10087	0.542802	0.894833	-1.11753	0.44349	0.868551	-1.15134	0.463162	1.1442	1.1442	0.55377	1.11409	1.11409	0.210825	1.26848	1.26848	1.3013	0.6705571	0.458051	1
cg14311597	MIR1253	0.360548	0.427043	1.16151	1.16151	2.6679	0.807668	-1.23813	0.333238	1.20234	1.20234	0.395955	1.17409	1.17409	0.23621	0.795204	-1.25754	0.852254	1.03502	1.03502	0.0548962	0.669024	-1.49471	0.970141	1.00693	1.00693	0.957884	0.990297	-1.0098	1.30128	0.702486	0.479861	1
cg20978380	NCOR2;NCOR2	0.360554	0.074333	0.594053	-3.08593	0.0243769	0.508942	-1.96486	0.425161	0.629786	-1.5934	0.843142	0.893796	-1.11882	0.0416469	0.264215	-3.78409	0.791448	0.860582	-1.16206	0.474828	0.662408	-1.50964	0.925272	1.46684	1.46684	0.779701	0.853307	-1.17224	1.30126	6.6191	4.5215	1
cg22012530	GSDMD	0.360557	0.079983	0.344669	-2.90019	0.284438	1.83992	1.83992	0.185373	2.15917	2.15917	0.611182	1.32464	1.32464	0.436233	0.684721	-1.46045	0.249294	0.51671	-1.93532	0.374495	0.606623	-1.64847	0.902303	0.935267	-1.06921	0.847482	1.11136	1.11136	1.30125	0.19679	0.42304	1
cg04722382	TUBB1	0.360557	0.992693	0.998267	-1.00174	0.265236	0.802582	-1.24598	0.600784	1.10518	1.10518	0.914293	0.979815	-1.0206	0.0950778	0.706511	-1.41541	0.295612	0.814294	-1.22806	0.403538	1.17575	1.17575	0.0920909	0.703829	-1.4208	0.511394	1.13446	1.13446	1.30125	0.739405	0.505089	1
cg16576546	CHD7	0.360559	0.967928	0.947235	-1.0587	0.260334	0.955855	-1.04597	0.721231	1.06059	1.06059	0.657259	17.2437	17.24372	0.100657	0.604425	-1.65393	0.725735	0.731977	1.36664	0.0147249	0.0172736	58.0164	0.0139799	0.925166	1.08055	0.140225	0.0255981	1.08055	1.30125	37.4616	25.5902	1
cg18927080	MGEA5;MGEA5	0.36057	0.508414	0.825233	-1.21178	0.442282	1.25134	1.25134	0.0434153	1.9446	1.9446	0.372152	1.29998	1.29998	0.44616	0.600755	-1.66494	0.352387	1.31522	1.31522	0.889638	0.961027	-1.04055	0.481757	1.22719	1.22719	0.165866	1.52669	1.52669	1.30122	1.6895	1.15413	1
cg19869596	SUPT6H;SDF2	0.360576	0.528756	1.24964	1.24964	0.564056	0.713526	1.40149	0.0614779	1.82339	1.82339	0.0221171	1.52715	1.52715	0.22716	0.818686	-1.22152	0.438753	0.793007	-1.26144	0.0150418	0.580918	-1.72141	0.0197961	0.666678	-1.49997	0.0165858	0.835609	-1.19673	1.30121	2.9445	2.01284	1
cg11445125	CPXM1	0.360577	0.918918	1.05506	1.05506	0.860037	0.109735	1.09735	0.493316	0.693371	-1.44223	0.321142	1.71521	1.71521	0.46202	0.67317	-1.48551	0.445723	1.50554	1.50554	0.0528361	0.313982	-3.1849	0.255442	0.535303	-1.8681	0.199018	0.489512	-2.04285	1.3012	5.70963	3.90041	1
cg08879528	CCDC5	0.360578	0.995178	1.00223	1.00223	0.355042	0.704431	-1.41959	0.152923	0.569103	-1.75715	0.965982	0.986056	-1.01414	0.431305	0.743947	-1.34418	0.562434	1.24069	1.24069	0.0383431	0.413211	-2.42007	0.361583	1.4125	1.4125	0.622558	0.833013	-1.20046	1.3012	2.79474	1.90917	1
cg17042000	PTPN23;PTPN23;PTPN23	0.360588	0.51148	0.746515	-1.33946	0.243727	0.969356	-1.03169	0.0906304	1.40149	1.40149	0.0674079	0.870717	1.14907	0.0437013	0.599534	-1.66788	0.558137	1.25597	1.25597	0.0313829	0.529275	-1.88975	0.0313829	0.598158	-1.67181	0.0275107	0.784954	-1.27407	1.30119	3.84964	2.63966	1
cg26076559	CALCA;CALCA;CALCA	0.360588	0.443601	0.651289	-1.53542	0.642948	1.29212	1.29212	0.541295	0.712142	-1.40421	0.415752	0.63341	-1.57876	0.353523	0.592118	-1.68885	0.437899	1.54404	1.54404	0.891151	0.927588	-1.07806	0.0321805	3.96454	3.96454	0.664435	1.27075	1.27075	1.30118	6.21064	4.24275	1
cg26404523	NR1D1;NR1D1	0.360592	0.756169	0.87899	-1.13783	0.483844	1.40512	1.40512	0.0686553	1.64354	1.64354	0.193246	0.711254	-1.40554	0.0955792	0.712686	-1.40292	0.752393	1.08031	1.08031	0.0914722	0.376268	-2.65785	0.0914722	1.39611	1.39611	0.0407357	1.22772	1.22772	1.24697	1.22772	0.838716	1
cg24303888	DDR1;DDR1;DDR1	0.360598	0.764263	0.951592	-1.05087	0.0683956	0.714183	-1.4002	0.0918637	0.736259	-1.35822	0.922736	1.01613	1.01613	0.465315	0.113334	-1.13334	0.317605	0.843298	-1.18582	0.915584	0.982659	-1.01765	0.315296	0.88685	1.13865	0.184866	0.853486	1.03486	1.30115	0.560915	0.383192	1
cg10600647	BCL11A;BCL11A;BCL11A	0.360599	0.733899	1.1969	1.1969	0.320954	0.582664	-1.71626	0.346639	1.6661	1.6661	0.0729866	0.348757	-2.86733	0.436348	0.658181	-1.51934	0.505944	1.4269	1.4269	0.0943223	0.37955	-2.6347	0.515492	0.708969	-1.4105	0.785592	0.866206	-1.15446	1.30115	5.71759	3.90601	1
cg16136678	PARK7;PARK7;PARK7;PARK7	0.360604	0.906958	0.941561	-1.06227	0.32765	0.747417	-1.33829	0.0688304	1.72124	1.72124	0.349797	-1.18512	0.654214	0.456568	-2.19159	0.0972585	0.876342	1.1097	1.1097	0.0963653	0.372227	-2.68631	0.181134	0.718001	-1.39275	0.104915	0.661343	-1.51208	1.30114	1.22702	0.783716	1
cg00481999	ZNFR1	0.360614	0.0961053	0.218923	-4.56781	0.045522	0.148623	-6.72844	0.262637	0.378677	-2.64077	0.463548	1.85931	1.85931	0.329444	0.431167	2.30858	0.363815	0.460353	-2.17225	0.362841	0.465236	-2.15198	0.850372	0.854446	-1.17035	0.676325	0.705387	-1.41766	1.30111	14.2391	9.72778	1
cg01660263	TCEA4;TCEA4;TCEA4;TCEA4;TCEA4	0.360615	0.272364	0.55201	-2.55131	0.0402273	0.485488	-2.06502	0.246655	0.48428	-2.06502	0.246655	0.50023	-2.00002	0.0465118	0.18353	-5.44853	0.273346	0.855792	-1.16833	0.168567	0.182313	-5.48603	0.708782	0.772113	-1.29516	0.0973156	1.00246	1.00246	0.857945	1.00246	1.30111	0.945	0.649167	1
cg08895280	LOC441208	0.360624	0.477739	0.729344	-1.37109	0.83659	0.913654	-1.09451	0.840773	1.09194	1.09194	0.185849	0.541544	-1.84657	0.487862	0.734797	-1.36092	0.402899	0.687783	-1.45395	0.0625469	0.399941	-2.50037	0.0659283	0.405711	-2.46481	0.153526	0.512646	-1.95066	1.30109	0.939551	2.69143	1
cg00143623	SLC6A9	0.360626	0.338787	0.888711	-1.12523	0.824365	1.02695	1.02695	0.0952116	1.24529	1.24529	0.311482	1.13348	1.13348	0.476784	1.09042	1.09042	0.125372	1.21955	1.21955	0.265424	0.870341	-1.14898	0.946345	0.991979	-1.00809	0.635104	0.944602	-1.05887	1.30108	0.295042	0.20157	1
cg10006979	SPTA2	0.360628	0.943944	0.97388	-1.02673	0.704254	0.564056	0.713526	-1.40149	0.0614779	0.370717	2.69813	0.587746	1.70154	0.0599554	0.788746	-1.26781	0.869079	1.06858	1.06858	0.0107	0.663134	-1.50763	0.0107	0.634339	-1.57657	0.0107	0.744113	1.44133	0.127245	0.384964	1.29755	0.90355	0.47166	1
cg01553661	LOC222699	0.360628	0.757117	1.0534	1.0534	0.406449	0.153306	1.15306	0.476645	1.12967	1.12967	0.898051	0.978735	-1.02173	0.431808	0.87412	-1.14401	0.595425	1.09403	1.09403	0.295243	0.833581	-1.19964	0.0364665	1.50342	1.50342	0.254094	1.22105	1.22105	1.30108	0.57946	0.395884	1
cg04112169	ICOSLG	0.360628	0.808342	0.91286	-1.09543	0.333344	1.1341	1.1341	0.266814	1.37635	1.37635	0.650395	0.845107	-1.18328	0.347675	0.621281	-1.61002	0.752893	1.08031	1.08031	0.0914722	0.376268	-2.65785	0.0914722	1.39611	1.39611	0.0407357	1.22772	1.22772	1.24697	1.22772	0.838716	1
cg13320585	MIR1252;SYT1;SYT1;SYT1	0.36063	0.306106	0.696482	-1.43579	0.94094	1.02562	1.02562	0.114684	0.556758	-1.79611	0.322844	1.41707	1.41707	0.446144	0.602691	-1.65922	0.287058	0.685674	-1.45842	0.0164495	0.841669	-1.18812	0.915584	0.982659	-1.01765	0.315296	0.88685	1.13865	0.184866	0.853486	1.03486	1.30107	0.560915	0.383192	1
cg09664479	CDB2;CDB2	0.360638	0.183584	0.407482	-2.45409	0.354755	0.545646	-1.83269	0.668416	1.31546	1.31546	0.590219	0.707556	-1.41331	0.0591624	0.257764	-3.87952	0.219444	0.435767	-2.2948	0.106126	0.325118	-3.07392	0.186829	0.410506	-2.43602	0.451288	0.613627	-1.62965	1.30105	8.34334	5.70022	1
cg22385794	AS88	0.360639	0.553797	0.71898	-1.39121	0.0833844	1.14311	1.14311	0.263614	1.37635	1.37635	0.729212	0.839558	-1.19145	0.350599	0.594107	-1.68328	0.845107	1.18328	1.18328	0.501555	0.821821	-1.21821	0.0501555	1.33153	1.33153	0.0497423	1.14984	1.14984	1.30104	1.72556	1.17889	1
cg24303888	DDR1;DDR1;DDR1	0.360638	0.764263	0.951592	-1.05087	0.683956	0.714183	-1.4002	0.0918637	0.736259	-1.35822	0.922736	1.01613	1.01613	0.465315	0.113334	-1.13334	0.317605	0.843298	-1.18582	0.915584	0.982659	-1.01765	0.315296	0.88685	1.13865	0.184866	0.853486	1.03486	1.30115	0.560915	0.383192	1
cg10600647	BCL11A;BCL11A;BCL11A	0.360599	0.733899	1.1969	1.1969	0.320954	0.582664	-1.71626	0.346639	1.6661	1.6661	0.0729866	0.348757	-2.86733	0.436348	0.658181	-1.51934	0.505944	1.4269	1.4269	0.0943223	0.37955	-2.6347	0.515492	0.708969	-1.4105	0.785592	0.866206	-1.15446	1.30115	5.71759	3.90601	1
cg16136678	PARK7;PARK7;PARK7;PARK7	0.360604	0.906958	0.941561	-1.06227	0.32765	0.747417	-1.33829	0.0688304	1.72124	1.72124	0.349797	-1.18512	0.654214	0.456568	-2.19159	0.0972585	0.876342	1.1097	1.1097	0.0963653	0.372227	-2.68631	0.181134	0.718001	-1.39275	0.104915	0.661343	-1.51208	1.30114	1.22702	0.783716	1
cg00481999	ZNFR1	0.360614	0.0961053	0.218923	-4.56781	0.045522	0.148623	-6.72844	0.262637	0.378677	-2.64077	0.463548	1.85931	1.85931	0.329444	0.431167	2.30858	0.363815	0.460353	-2.17225	0.362841	0.465236	-2.15198	0.850372	0.854446	-1.17035	0.676325	0.705387	-1.41766	1.30111	14.2391	9.72778	1
cg01660263	TCEA4;TCEA4;TCEA4;TCEA4;TCEA4	0.360615	0.272364	0.55201	-2.55131	0.0402273	0.485488	-2.06502	0.246655	0.48428	-2.06502	0.246655	0.50023	-2.00002	0.0465118	0.18353	-5.44853	0.273346	0.855792	-1.16833	0.168567	0.182313	-5.48603	0.708782	0.772113	-1.29516	0.0973156	1.00246	1.00246	0.857945	1.00246	1.30111	0.945	0.649167	1
cg08895280	LOC441208	0.360624	0.477739	0.729344	-1.37109	0.83659	0.913654	-1.09451	0.840773	1.09194	1.09194	0.185849	0.541544	-1.84657	0.487862	0.734797	-1.36092	0.402899	0.687783	-1.45395	0.0625469	0.399941	-2.50037	0.0659283	0.405711	-2.46481	0.153526	0.512646	-1.95066	1.30109	0.939551	2.69143	1
cg00143623	SLC6A9	0.360626	0.338787	0.888711	-1.12523	0.824365	1.02695	1.02695	0.0952116	1.24529	1.24529	0.311482	1.13348	1.13348	0.476784	1.09042	1.09042	0.125372	1.21955	1.21955	0.265424	0.870341	-1.14898	0.946345	0.991979	-1.00809	0.635104	0.944602	-1.05887	1.30108	0.295042	0.20157	1
cg10006979	SPTA2	0.360628	0.943944	0.97388	-1.02673	0.704254	0.564056	0.713526	-1.40149	0.0614779	0.370717	2.69813	0.587746	1.70154	0.0599554	0.788746	-1.26781	0.869079	1.06858	1.06858	0.0107	0.663134	-1.50763	0.0107	0.634339	-1.57657	0.0107	0.744113	1.44133	0.127245	0.384964	1.29755	0.90355	0.47166	1
cg01553661	LOC222699	0.360628	0.757117	1.0534	1.0534	0.406449	0.153306	1.15306	0.476645	1.12967	1.12967	0.898051	0.978735	-1.02173	0.431808	0.87412	-1.14401	0.595425	1.09403	1.09403	0.295243	0.833581	-1.19964	0.0364665	1.50342	1.50342	0.254094	1.22105	1.22105	1.30108	0.57946	0.395884	1
cg04112169	ICOSLG	0.360628	0.808342	0.91286	-1.09543	0.333344	1.1341	1.1341	0.266814	1.37635	1.37635	0.650395	0.845107	-1.18328	0.347675	0.621281	-1.61002	0.752893	1.08031	1.08031	0.0914722	0.376268	-2.65785	0.0914722	1.39611	1.39611	0.0407357	1.22772	1.22772	1.24697	1.22772	0.838716	1
cg13320585	MIR1252;SYT1;SYT1;SYT1	0.36063	0.306106	0.696482	-1.43579	0.94094	1.02562	1.02562	0.114684	0.556758	-1.79611	0.322844	1.41707	1.41707	0.446144	0.602691	-1.65922	0.287058	0.685674	-1.45842	0.0164495	0.841669	-1.18812	0.915584	0.982659	-1.01765	0.315296	0.88685	1.13865	0.184866	0.853486	1.03486	1.30107	0.560915	0.383192	1
cg09664479	CDB2;CDB2	0.360638	0.183584	0.407482	-2.45409	0.354755	0.545646	-1.83269	0.668416	1.31546	1.31546	0.590219	0.707556	-1.41331	0.0591624	0.257764	-3.87952	0.219444	0.435767	-2.2948	0.106126	0.325118	-3.07392	0.186829	0.410506	-2.43602	0.451288	0.613627	-1.62965	1.30105	8.34334	5.70022	1
cg22385794	AS88	0.360639	0.553797	0.71898	-1.39121	0.0833844	1.14311	1.14311	0.263614	1.37635	1.37635	0.729212	0.839558	-1.19145	0.350599	0.594107	-1.68328	0.845107	1.18328	1.18328	0.501555	0.821821	-1.21821	0.0501555	1.33153	1.33153	0.0497423	1.14984	1.14984	1.30104	1.72556	1.17889	1
cg03520284	JAK2;JAK2	0.360658	0.604943	0.858533	-1.16478	0.79385	0.926311	-1.07955	0.470892	1.2391	1.2391	0.314611	0.7379	-1.3552	0.185211	1.50782	1.50782	0.138431	0.627359	-1.59398	0.37428	1.30547	1.30547	0.453003	1.25038	1.25038	0.164374	1.54286	1.54286	1.301	1.76031	1.2027	1
cg03520284	JAK2;JAK2	0.360658	0.604943	0.858533	-1.16478	0.79385	0.926311	-1.07955	0.470892	1.2391	1.2391	0.314611	0.7379	-1.3552	0.185211	1.50782	1.50782	0.138431	0.627359	-1.59398	0.37428	1.30547	1.30547	0.453003	1.25038	1.25038	0.164374	1.54286	1.54286	1.301	1.76031	1.2027	1
cg20291990	NR0B1	0.360659	0.137463	0.561661	-2.72765	0.0741453	0.865384	-1.15227	0.647638	0.586725	-1.70463	0.431605	0.872562	-1.14622	0.342393	0.472351	-2.11679	0.0750557	0.372952	-2.68161	0.0157075	0.0105375	94.9191	0.0105375	0.372952	-2.68161	0.0157075	0.0105375	94.9191	0.0105375	1.30103	0.0105375	44.9553	30.715	1
cg04789231	OTUB1;OTUB1;OTUB1	0.360662	0.847965	0.957998	-1.04384	0.176274	1.37909	1.37909	0.070779	1.55189	1.55189	0.580129	1.13306	1.13306	0.130418	0.694068	-1.44078	0.852507	0.959244	-1.04249	0.854301	1.04195	1.04195	0.93661	0.982374	-1.01794	0.246389	1.31128	1.31128	1.30099	1.02985	0.703636	1
cg13779919	B3GALT4	0.360682	0.342284	0.647291	-1.54529	0.628563	1.41562	1.41562	0.0914476	2.08284	2.08284	0.066576	0.804628	-1.24302	0.0415627	0.486144	-2.05698	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	0.0526279	1.30098	0.0526279	0.0526279	0.0526279	1
cg08091989	BAG4;LOC100422512	0.360685	0.368049	0.72452	-1.38062	0.0232512	1.61584	1.61584	0.0791515	1.60721	1.60721	0.533876	1.13448	1.13448	0.519153	1.37437	1.37437	0.952629	1.01203	1.01203	0.779348	1.3325	1.3325	1.3325	0.610818	1.90186	1.90186	1.30088	0.827588	0.95705	1.44488	1.30094	0.834595	0.570253	1
cg05264320	CDC27;CDC27	0.360686	0.087826	0.7463	2.7463	0.523016	0.706732	-1.41496	0.116875	0.401135	-2.49293	0.314476	0.905538	0.570362	-1.75327	0.953805	0.03155	1.03155	?	?	?	?	?	?	?	?	?	?	?	?	1.30093	0.0	0.0	0.0	1
cg15473904	MRPL41	0.360696	0.942394	0.97388	-1.02673	0.704254	0.564056	0.713526	-1.40149	0.0614779	0.370717	2.69813	0.587746	1.70154	0.0599554	0.788746	-1.26781	0.869079	1.06858	1.06858	0.0107	0.663134	-1.50763	0.0107	0.634339	-1.57657	0.0107	0.744113	1.44133	0.127245	0.384964	1.29755	0.90355	0.47166	1
cg16915821	DKK3;DKK3;DKK3 MTIF3;MTIF3;MTIF3;MTIF3;MTI	0.360699	0.584653	1.16572	1.16572	2.73067	2.10076	1.10076	0.281666	0.732841	-1.36455	0.305427	1.34288	1.34288	0.607851	1.15464	1.15464	0.784507	0.926679	-1.07912	0.0315237	0.496289	-2.01496	0.759554	0.918252	-1.08903

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25927164	RAI1	0.361103	0.780707	1.07986	0.17986	0.615	1.14982	1.14982	0.853113	0.949588	1.05109	0.100748	1.62384	1.62384	0.685245	1.11871	1.11871	0.851841	1.05282	1.05282	0.0805625	0.571913	-1.74852	0.421469	0.797666	-1.25366	0.238586	1.40467	1.40467	1.2999	1.56017	1.06587	1
cg17127132	GGCK;GGCX	0.361104	0.251861	0.843372	-1.18572	0.974774	1.00451	1.00451	0.0727049	1.32967	1.32967	0.948452	1.00924	1.00924	0.38235	1.17315	1.17315	0.959779	0.992849	-1.0072	0.354224	0.87316	-1.14527	0.261916	0.846642	-1.18114	0.345714	1.1482	1.1482	1.2999	0.416926	0.2851	1
cg07307426	DET1;DET1;DET1	0.361105	?	?	?	0.875891	0.921017	-1.08576	0.336592	0.592176	-1.68869	0.331914	1.69794	1.69794	0.231722	1.94467	1.94467	?	?	?	0.876249	0.921238	-1.0855	0.119932	0.406848	-2.45792	1.31434	3.76391	3.34103	1
cg04372190	THSD4	0.361105	0.136829	0.427031	-2.34175	0.635541	1.28851	1.28851	0.128184	0.417633	-2.39445	0.534882	1.76648	-1.39539	0.111865	1.3908812	-2.50745	0.352104	0.601449	-1.66265	0.170585	0.460797	-2.17015	0.460902	1.48969	1.48969	0.471326	0.677709	-1.47556	1.2999	5.803521	3.96854	1
cg21498772	NKAIN3	0.36111	0.592136	1.08607	1.08607	0.430852	1.1306	1.1306	0.38861	1.14441	1.14441	0.233799	0.826494	-1.20993	0.290027	1.18252	1.18252	0.347047	0.862584	-1.15931	0.0739258	0.337798	-1.35538	0.752929	0.952934	-1.04939	0.532697	1.10396	1.10396	1.2998	0.479825	0.328115	1
cg02090547	ERN1	0.361092	1.80892	1.0644	1.0644	1.032863	2.40437	2.40437	0.114337	2.52643	2.52643	0.808476	0.887467	-1.2268	0.892729	0.935832	-1.06858	0.975897	1.01496	1.01496	0.196734	1.95614	1.95614	0.829341	2.56091	2.56091	0.245124	1.81789	1.81789	1.29988	4.97553	3.40238	1
cg23335269	RBM17;RBM17	0.361137	0.379053	0.725669	-1.37804	0.407903	1.35093	1.35093	0.398005	1.36001	1.36001	0.786825	0.908175	-1.10111	0.27199	0.666109	-1.50126	0.0649797	0.478874	-2.08823	0.541576	0.802862	-1.24554	0.706624	0.874276	-1.1438	0.212918	1.59379	1.59379	1.29982	2.59917	1.77746	1
cg09880681	ZNF768	0.361138	0.456973	0.859111	-1.1963	0.6044483	1.43477	1.43477	0.551863	1.14064	1.14064	0.372259	0.805532	-1.24143	0.574551	1.14962	1.14962	0.192506	0.71546	-1.39801	0.0979151	0.1458	1.0458	0.3039777	1.28646	1.28646	1.29981	1.15243	0.788103	1
cg07358254	IQSEC1	0.361143	0.109724	0.46482	-2.15137	0.248994	1.69795	1.69795	0.374929	1.49201	1.49201	0.86811	1.07575	1.07575	0.439248	0.589236	-1.69701	0.688808	1.19348	1.19348	0.607846	1.79059	-1.25535	0.157242	0.514486	-1.94369	0.338898	0.648485	0.54206	1.29981	3.97407	2.71772	1
cg15587508	C1orf172	0.361149	0.336487	0.282045	-3.54553	0.23621	4.88054	4.88054	0.172932	6.37458	6.37458	0.52276	0.437241	-2.28707	0.533381	0.446777	-2.23825	0.737414	0.650659	-1.5369	0.831585	1.31043	1.31043	0.098369	10.1267	10.1267	0.222722	5.13703	5.13703	1.29978	33.5794	22.9641	1
cg02637094	TGM4	0.361153	0.134152	0.409605	-2.44201	0.206755	1.52757	1.52757	0.353713	1.01361	1.01361	0.458585	1.1922	1.1922	0.0753	1.4040061	-2.56254	0.0987192	0.0855	-11.6955	0.112454	1.49558	1.49558	0.0178912	1.13949	1.13949	0.769265	1.07092	1.07092	1.29978	1.1169	0.763824	1
cg22802102	NIT3	0.361154	0.204199	0.426407	-2.34518	0.124674	0.347343	-2.879	0.784528	1.19047	1.19047	0.83716	0.930738	-1.07464	0.321196	1.19047	1.19047	0.393421	-2.85779	0.163184	0.0316836	3.18316	-2.57655	0.153031	0.267702	-3.73578	0.0263	0.346329	-2.88743	0.912	0.932091	-1.07286	1.29977	8.33011	5.6968	1
cg13714495	IMPA1;IMPA1;IMPA1	0.361156	0.0432429	0.674543	-1.52732	0.6062455	1.09135	1.09135	0.943903	1.19433	1.19433	0.654963	0.921341	-1.08537	0.973987	0.994039	-1.00596	0.583994	0.90419	-1.10596	0.171945	0.30223	-3.30223	0.609401	0.910412	-1.0984	0.476368	0.826352	-1.21009	0.29977	0.682091	0.467031	1
cg15903837	P2RY6;P2RY6	0.361158	0.957055	0.988475	-1.01166	0.822161	0.952693	1.08855	-1.04966	0.947157	0.985833	-1.01437	0.297672	0.792622	-1.26164	0.27108	0.781409	-1.27974	0.74196	1.07372	1.07372	0.518218	0.868485	-1.15143	0.0154124	0.527308	-1.89642	0.68788	0.916736	-1.09083	1.29976	0.953943	0.652387	1
cg00171154	SLC6A12;SLC6A12;SLC6A12	0.361163	0.560231	1.44158	1.44158	0.0320307	4.75757	4.75757	0.190493	2.36511	2.36511	0.518637	1.50126	1.50126	0.710275	0.799828	-1.25027	0.574837	1.42179	1.42179	0.113385	0.21963	-4.55263	0.204242	0.20619	-4.85069	0.211975	0.93676	0.54788	1
cg19195300	ENOX1	0.361164	0.412317	0.779384	-1.28637	0.943651	1.08164	1.08164	0.559329	1.95027	1.95027	?	?	?	?	?	?	0.878585	1.047	1.047	0.159081	1.57167	1.57167	0.188638	1.5096	1.5096	0.0478227	1.97343	1.97343	1.29968	1.64719	1.27061	1
cg18660208	NIK;TNIK TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;T	0.361173	0.435542	1.15649	1.15649	0.486115	0.878679	-1.13807	0.0906385	1.40592	1.40592	0.488037	1.1374	1.1374	0.688071	0.928899	-1.07654	0.436524	1.15905	1.15905	0.16217	1.31357	1.31357	0.208659	0.784883	-1.27407	0.551685	0.895787	-1.11634	1.29973	0.687498	0.470183	1
cg11198639	SCARB1;SCARB1	0.361174	0.64868	0.867829	-1.1523	0.0794863	1.82501	1.82501	0.515624	1.22596	1.22596	0.577717	0.840454	-1.18983	0.610748	1.14142	1.14142	0.955207	1.01751	1.01751	0.0518703	1.98121	1.98121	0.326583	1.33537	1.33537	0.550149	0.82957	-1.20544	1.29972	1.96615	1.34466	1
cg23680451	KLF6;KLF6;KLF6;KLF6	0.361189	0.331067	1.66184	1.66184	0.25213	1.83288	1.83288	0.407737	1.53556	1.53556	0.86409	0.916889	-1.09005	0.114621	2.38466	2.38466	0.185146	2.05094	2.05094	0.26355	0.554164	-1.80452	0.120669	2.34543	2.34543	0.524042	1.38682	1.38682	1.29969	5.28006	3.61117	1
cg16197043	MIR1286;RTN4R	0.361196	0.918706	0.918947	-1.0882	0.707755	0.95432	1.35432	0.0674502	1.46498	1.46498	0.689497	0.716849	-1.39499	0.507474	0.972724	1.74004	0.959571	0.958853	-1.04282	0.727813	1.33591	1.33591	0.383674	0.417481	-2.39532	0.953034	1.05003	1.05003	1.29967	14.1419	9.67217	1
cg00713435	PRDM16;PRDM16	0.361199	0.756073	1.10983	1.10983	0.123038	1.75461	1.75461	0.488112	0.790127	-1.26562	0.78931	1.0937	1.0937	0.16136	1.0822	1.0822	0.611655	1.18676	1.18676	0.0316896	2.32169	2.32169	0.23515	1.51608	1.51608	0.346651	1.38279	1.38279	1.29966	2.30215	1.57453	1
cg07265015	SLC16A13	0.361205	0.180776	0.702576	0.124713	0.406427	1.65854	1.65854	0.0777425	1.31727	1.31727	0.454586	1.56534	1.56534	0.0923982	1.80193	1.80193	0.254413	0.7964	1.25564	0.0902382	1.1538	1.1538	0.456908	0.858213	-1.16521	0.182377	0.790284	-1.26537	0.296	0.823561	0.537399	1
cg01391681	PRSS37;PRSS37	0.361202	0.300286	0.61984	-1.61332	0.725411	0.854588	-1.17015	0.712711	0.848064	-1.17936	0.597651	1.26786	1.26786	0.97598	1.01351	1.01351	0.403663	1.46344	1.46344	0.492115	1.36464	1.36464	0.495283	0.734511	-1.36145	0.0258445	0.307564	-3.25136	1.29965	4.08703	2.7953	1
cg03879823	PHACTR1	0.361207	0.388714	0.776169	-1.28838	0.857689	1.05283	1.05283	0.122468	1.61869	1.61869	0.379344	1.29521	1.29521	0.208356	0.68068	-1.46912	0.109494	0.606215	-1.64958	0.763285	1.08966	1.08966	0.774857	0.921034	-1.08574	0.510923	1.21078	1.21078	1.29964	1.69351	1.15828	1
cg19913329	HLA-JNCRNA00171	0.361217	0.637218	1.12552	1.12552	0.0454427	1.24589	1.24589	0.943273	1.16311	1.16311	0.612312	0.780607	-1.28114	0.299934	0.855305	-1.16911	0.994247	1.00971	1.00971	0.927613	0.522862	1.9343	1.9343	0.395251	1.56341	1.56341	0.449977	1.48458	1.48458	1.29963	5.42304	3.70911	1
cg14896756	ETHE1;ETHE1	0.361217	0.343864	0.798093	-1.25299	0.841199	1.04749	1.04749	0.378421	1.23247	1.23247	0.514585	0.858251	-1.16516	0.821988	0.949213	-1.0535	0.519804	1.1629	1.1629	0.0679854	0.623264	-1.60446	0.390818	1.22553	1.22553	0.162816	1.41142	1.41142	1.29962	1.10116	0.753151	1
cg22655232	PPP3R2P9	0.361218	0.150229	0.436646	-2.29166	0.358024	1.52722	1.52722	0.0893197	1.09621	1.09621	0.241685	0.833115	-1.20079	0.822458	0.924908	-1.07742	0.173442	0.69209	-1.44509	0.472161	1.93386	1.93386	0.260427	0.210445	0.109845	0.962719	0.958723	-1.04305	1.29962	16.7402	11.4407	1
cg10605015	UBR2	0.361229	0.227086	2.92882	2.92882	0.317229	0.140159	0.914354	0.912868	-1.09545	0.232034	2.89256	2.89256	0.907214	0.487514	2.05122	0.930553	0.928799	1.07666	?	?	?	?	0.165173	0.285211	-3.50618	0.189142	1.25045	1.25045	1.29622	13.1037	10.1092	1
cg02512878	BMP2K;BMP2K	0.361231	0.651369	0.968292	-1.03275	0.578836	0.96106	-1.04052	0.540588	1.04486	1.04486	0.368144	0.936654	-1.06763	0.851759	1.01334	1.01334	0.333916	1.07315	1.07315	0.0266604	0.830228	-1.20449	0.6906	0.972057	-1.02875	0.532821	1.04576	1.04576	1.29958	0.103276	0.0706389	1
cg16832275	RRAGB;RRAGB	0.361232	0.13372	0.218163	-4.58445	0.0787524	0.53722	0.53722	0.0597107	0.82679	0.82679	-1.18536	0.930188	1.66152	0.0875639	1.88479	1.88479	0.128607	0.213085	0.496296	0.0178	0.885029	-1.11504	0.963907	0.74045	-1.34995	0.0410415	0.843682	1.20423	1.20423	1.29957	18.2379	12.4745	1
cg02775028	C4orf41;RWDD4A;C4orf41	0.361237	0.682842	0.9448	-1.05842	0.181245	1.21675	1.21675	0.278334	1.1686	1.1686	0.194163	0.827074	-1.20908	0.483104	1.10353	1.10353	0.800624	1.0356	1.0356	0.773679	0.960931	-1.04066	0.164353	0.845186	-1.22762	0.205489	1.20276	1.20276	1.29957	0.393212	0.268553	1
cg04505346	PTCD2;MRPS27	0.361239	0.19709	0.399101	-2.50578	0.204255	1.00436	1.00436	0.0970987	1.16016	1.16016	0.0710239	0.790447	-1.26504	0.481811	0.601055	-1.6471	0.503008	0.54721	-1.82758	0.0602655	1.42611	1.42611	0.136027	0.658259	-1.51916	0.248488	1.23624	1.23624	1.29956	1.13379	0.829656	1
cg19038968	C11orf10;FEN1	0.36124	0.724492	0.916811	-1.09074	0.0181235	0.494441	-2.02248	0.352576	0.790748	-1.26463	0.829096	1.05449	1.05449	0.602383	1.1377	1.1377	0.969856	1.00932	1.00932	0.447481	1.20927	1.20927	0.94481	0.983152	-1.01714	0.852885	1.04661	1.04661	1.29956	1.23981	0.848019	1
cg08441530	NCAPD3	0.361244	0.673601	0.714833	-1.39893	0.125579	3.71944	3.71944	0.327163	2.22899	2.22899	0.865933	1.14327	1.14327	0.103478	0.243876	-4.10044	0.720081	0.751906	-1.32995	0.159749	0.304093	-3.28847	0.601652	1.51796	1.51796	0.710628	0.744301	-1.34354	1.29955	12.9239	8.8399	1
cg25791017	DGAT2L6	0.361255	0.229329	0.7979	0.159353	0.124713	0.464427	0.464427	0.0225708	0.31727	0.454592	0.12915	1.12915	0.569552	0.883394	1.46341	2.30945	0.408866	0.167472	0.364012	2.64915	0.643954	0.491992	1.58391	1.58391	1.29952	0.92312	0.71732	0.71732	1.29953	0.92312	0.717732	1
cg02633036	SLCO3A1;SLCO3A1	0.361255	0.153897	0.278476	-3.59097	0.108988	0.231363	-4.3222	0.151997	0.2766	-3.61533	0.603445	0.644767	-1.55095	0.0532824	0.150928	-6.62818	0.599737	1.55807	1.55807	0.656437	0.687334	-1.4549	0.527416	0.58496	-1.70952	0.706288	0.7283	-1.37306	1.29952	14.434	9.87302	1
cg26730048	FHDC1	0.361256	0.306548	0.737555	-1.35629	0.874402	0.960317	1.09017	0.356868	0.675473	-1.48044	0.625364	0.675473	-1.48044	0.625364	0.675473	-1.48044	0.703268	0.825925	-1.2111	-1.72445	0.528683	1.90283	1.90283	0.260927	0.524865	1.90517	0.51736	0.515252	0.671897	-1.48852	1.29951	3.55622	2.43251	1
cg24261525	LOC440461	0.361267	0.119591	2.75131	2.75131	0.375104	0.57954	-1.72551	0.153341	0.400026	-2.49884	0.786925	0.850134	-1.17628	0.884138	0.916327	1.09131	0.775332	0.842418	1.18706	0.632958	0.749515	-1.33419	0.10257	2.91673	0.91673	0.600887	1.37205	1.37205	1.29949	7.39085	5.05554	1
cg09029291	RAB40B	0.361268	0.167358	0.767461	-1.303	0.171159	1.29955	1.29955	0.672059	1.07958	1.07958	0.440035	1.15212	1.15212	0.603614	0.910108	-1.09877	0.342324	1.19236	1.19236	0.088049	1.40284	1.40284	0.602875	0.90993	-1.09899	0.714573	0.936084	-1.06828	1.29949	0.665502	0.455223	1
cg03409272	CC14A;CC15;CC15;CC14;CC15	0.361269	0.134682	0.4366	-2.29048	0.358024	1.52722	1.52722	0.0893197	1.09621	1.09621	0.241685	0.833115	-1.20079	0.822458	0.924908	-1.07742	0.173442	0.69209	-1.44509	0.472161	1.93386	1.93386	0.260427	0.210445	0.109845	0.962719	0.958723	-1.04305	1.29962	16.7402	11.4407	1
cg24922390	DDX50	0.361274	0.423915	1.29486	1.29486	0.644421	1.15841	1.15841	0.550168	1.2108	1.2108	0.542631	0.822838	-1.21531	0.0334134	0.459471	-2.17641	0.922652	1.0312	1.0312	0.331826	0.728991	-1.3716	0.735822	0.898396	-1.11309	0.291962	1.41335	1.41335	1.29948	2.06035	1.40935	1
cg00622582	FBXO7;FBXO7;FBXO7	0.361276	0.474587	0.870913	1.14855	0.672357	1.24167	1.24167	0.313867	1.31066	1.31066	0.7	1.31066	1.31066	0.7	1.31066	1.31066	?	?	?	0.752939	1.02703	1.02703	0.115332	0.146007	0.615193	0.76763	1.76763	0.222332	4.22666	4.22666	1.29147	0.2663	0.1883	1
cg09884940	ABCB8	0.361279	0.233103	0.815508	-1.22623	0.307965	0.841865	-1.18784	0.313161	0.843521	-1.18551	0.583379	0.913612	-1.09456	0.349109	0.854507	-1.17027	0.609687	1.08762	1.08762	0.0696652	1.39228	1.39228	0.306441	0.841376	-1.18853	0.658336	0.929978	-1.07529	1.29946	0.547608	0.374587	1
cg21450798	LONRF1;LONRF3	0.361281	0.109324	0.257676	-3.88284	0.0384261	0.949859	0.95375	0.967313	1.01834	1.01834	0.36789	1.05107	2.05107	0.308388	0.350216	-2.85538	0.072953	0.311561	-3.20878	0.0134218	0.194372	5.13632	0.0918	0.0918	10.8915	0.0184	1.31812	0.084118	1.29945	12.1449	8.49237	1
cg00246749	HMGN3;HMGN3	0.361295	1.33904	1.42654	1.42654	0.46941	1.30349	1.30349	0.576367	1.31666	1.31666	1.40321	1.40321	0.575323	0.761307	0.313353	1.54645	1.24742	1.24742	0.124228	1.26926	2.26926	0.0193204	2.77277	2.77277	0.340405	1.24499	1.24499	1.29942	2.67413	1.82928	1
cg00906928	LHFPL2	0.361299	0.560533	1.62344	1.62344	0.697188	0.724745	-1.37979	0.302105	0.414725	-2.41124	0.415568	1.98396	1.98396	0.0262018	0.11402	-8.77038	0.663741	1.43353	1.43353	0.910232	0.911126	-1.0973	0.483232	1.79792	1.79792	0.906508	1.10156	1.10156	1.29941	13.9491	9.54214	1
cg19455444	ALX4	0.361303	0.756024	1.16581	1.16581	0.347498	0.505422	1.12302	-1.06495	0.347073	0.736498	-1.35836	0.930188	1.65152	0.126579	0.505424	-1.97854	0.128607	0.213085	0.496296	0.0178	0.885029	-1.11504	0.963907	0.74045	-1.34995	0.0410415	0.843682	1.20423	1.20423	1.29957	18.2379	12.4745	1
cg26889826	PCYT1B	0.361305	0.368699	0.474745	-2.10639	0.0322628	0.126685	-7.89362	0.281678	0.404077	-2.47409	0.683359	0.719047	-1.39073	0.158163	0.293744	3.40433	0.151663	0.28718	-3.48214	0.359031	0.467141	-2.14067	0.460623	0.545911	-1.8318	0.74888	1.29463	1.29463	1.30221	13.3187	7.78745	1
cg00407301	RGL1;RGL1;CCDC151	0.361306	0.307098	2.82631	2.82631	0.172183	0.219969	-4.54811	0.104297	0.174644	-5.72592	0.277692	0.329858	-3.03161	0.181965	0.249603	-4.02247	0.231435	0.291563	3.43214	0.358098	0.39152	-2.55067	0.878607	0.862016	-1.16202	0.673611	1.52037	1.52037	1.2994	19.4646	13.5889	1
cg09980391	LEPROTL1;LEPROTL1	0.361309	0.502957	1.26512	1.26512	0.34634	1.52818	1.52818	0.402472	1.45414	1.45414	0.535299	1.31592	1.31592	0.24583	0.5383147	-1.70025	0.187717	1.84136	1.84136	0.0715066	0.454374	-2.41113	0.758958	0.874074	-1.14407	0.98791	1.093396	-1.00665	1.29939	3.93534	2.6921	1
cg19821425	TMF1	0.36131	0.938465	1.01324	1.01324	0.031881	1.53475	1.53475	0.460528	0.879872	-1.13653	0.867004	0.971855	-1.02896	0.857839	1.02699	1.02699	0.384518	0.859098	-1.16401	0.405698	0.865107	-1.15593	0.480141	0.884919	-1.13005	0.353338	1.17664	1.17664	1.29939	0.597085	0.408456	1
cg19929970	FGF8P1	0.361316	0.649867	0.897013	-1.11448	0.645358	0.837079	1.19463	0.312155	1.16484	1.16484	0.716855	0.800094	1.18142	0.0855	1.25014	-1.39501	0.951897	-1.05053	0.0176185	1.58716	1.98716	1.98716	0.193705	1.01877	1.01877	0.953146	0.92184	-1.08479	1.29937	1.63769	0.796141	1
cg21890227	MIR365-2	0.361329	0.70235	0.807065	-1.21906	0.3369837	1.86637	1.86637	0.0830588	2.99198	2.99198	0.83184	0.888066	-1.12604	0.720674	0.818373	-1.22194	0.828877	0.886177	-1.12844	0.465543	1.51376	1.51376	0.946358	1.03828	1.03828	0.713364	0.813858	-1.22872	1.29934	6.41335	4.38743	1
cg28299781	MTSS1	0.361332	0.204562	0.783185	-1.27684	0.0437861	1.68406	1.68406	0.373185	1.29502	1.29502	0.240836	0.758302	-1.31874	0.564586	0.877515	-1.13958	0.628277	0.899226	-1.11579	0.972792	1.0077	1.0077	0.0078973	1.03456	1.03456	0.966973	0.774804	1.04121	1.04121	1.29933	0.857401	0.279033	1
cg03042779	PKNOX2	0.361334	0.793789	0.926117	-1.07978	0.14973	0.636031	-1.57225	0.111166	0.60192	-1.66135	0.16146	0.645247	-1.5498	0.549895	0.837566	-1.19394	0.200761	1.48576	1.48576	0.762328	1.09294	0.554646	-1.83913	-1.19136	0.256712	0.70691	1.41461	1.29933	1.76661	1.20856	1
cg25270429	C2orf44;C2orf44	0.361335	0.309004	1.29814	1.29814	0.941412	1.01838	1.01838	0.803995	1.06357	1.06357	0.486192	1.19167	1.19167	0.940743	0.981744	-1.0186	0.824081	1.05673	1.05673	0.029182	0.52891	-1.89068	0.659966	1.11597	1.11597	0.253827	0.744289	-1.34356	1.29932	1.26392	0.86467	1
cg19434194	SLC39A4;SLC39A4	0.36134	0.616534	1.22482	1.22482	0.395	1.32542	1.32542	0.349195	1.85453	1.85453	0.16979	0.656281	1.93982	-1.17093	0.342097	2.92355	0.0715851	0.0982	10.1838	0.0248318	0.185	5.40535	0.0248318	0.185	5.40535	0.0248318	0.185	5.40535	0.0248318	0.185	5.40535	0.0248318	1.29931	0.677375	0.490414	1.17728	0.853115	0.245252	-4.07931	0.242253	-4.12798	0.242253	-4.12798	0.242253	-4.12798

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T 047 vs. N)	Fold-Change(1 vs.105T)	p-value(1117 057 vs. N)	Fold-Change(1 vs.1117)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 217 vs. N)	Fold-Change(1 vs.1217)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	F(Test)	SS(Test)	SS(Error)	df
cg21179008	ATP6E2;ACP10	0.361774	0.558536	0.842859	-1.18644	0.0702478	1.79457	0.79457	0.624371	1.15328	1.15328	0.520114	0.820936	-1.21812	0.547601	0.838749	-1.19225	0.364143	1.30928	1.30928	0.313083	0.607553	-1.64595	0.471598	0.80929	-1.23565	0.9254	1.02743	1.02743	1.29824	1.76585	1.17551	1
cg06256785	ZMYM3;BCYRN1;ZMYM3;ZMYM3	0.361779	0.221532	0.43717	-2.28744	0.158909	0.379239	-2.63686	0.110986	0.32689	-3.05913	0.622831	0.726708	-1.37607	0.078005	0.28344	-3.52803	0.130655	0.34955	-2.86083	0.340035	0.530895	-1.88361	0.714636	0.780409	-1.26677	0.140934	0.360691	-2.77245	1.29823	8.52589	5.83763	1
cg01058931	ZKSCAN2	0.361779	0.746566	0.951825	-1.05061	0.101162	1.31433	1.31433	0.374087	1.14904	1.14904	0.997432	1.00049	1.00049	0.581753	1.0884	1.0884	0.127635	0.778158	-1.28509	0.22421	0.823319	-1.2146	0.303734	1.17609	1.17609	0.950457	1.00951	1.00951	1.29823	0.476705	0.326397	1
cg04396098	PPP1R15A	0.361778	0.112514	0.52626	-1.88812	0.193403	1.65907	1.65907	0.188936	0.72266	-1.38378	0.505574	1.28221	1.28221	0.73259	0.881463	-1.13448	0.78853	0.905834	-1.10395	0.179793	0.592087	-1.68894	0.172359	0.586051	-1.70633	0.386533	0.72141	-1.38617	1.29822	2.7826	1.90524	1
cg09728506	PIGX;C5orf34;PIGX	0.361783	0.470024	0.859227	-1.16384	0.195428	0.753767	-1.32667	0.123111	0.708345	-1.41174	0.577713	1.13211	1.13211	0.430207	0.846859	-1.18083	0.420568	1.18515	1.18515	0.827644	0.955985	-1.04604	0.734757	0.932207	-1.07272	0.0529767	0.635093	-1.57457	1.29822	0.8762	0.599544	1
cg08080735	FOXP1;FOXP1	0.361801	0.394905	0.688813	-1.45177	0.510583	0.751656	-1.3304	0.04753993	0.379183	-2.63725	0.181392	0.544943	1.83505	0.12288	0.480802	-2.08465	0.408517	0.696485	-1.43578	0.619312	0.807005	-1.23915	0.360452	1.49522	1.49522	0.577983	1.78626	1.27184	1.29817	3.7641	2.57797	1
cg18598016	PDGFB	0.361803	0.919868	1.03285	1.03285	0.384482	1.31164	1.31164	0.898448	0.959818	-1.04186	0.447979	1.28197	1.28197	0.0498168	0.48741	-2.05166	0.686392	1.13926	1.13926	0.244986	1.47792	1.47792	0.210196	0.654332	-1.52828	0.7982911	1.08574	1.08574	1.29817	2.12126	1.45248	1
cg14764956	PRAGMIN	0.361812	0.707305	0.79409	-1.25953	0.283441	1.41734	1.41734	0.0883678	0.346132	2.88907	0.0852766	0.892928	-1.11991	0.937112	0.953037	-1.04928	0.887885	0.917008	-1.08979	0.394763	1.70116	1.70116	0.696131	0.78722	-1.27029	0.86624	0.902691	-1.1078	1.29814	7.63945	5.23103	1
cg20383155	NEU1;SLC44A4	0.361813	0.0532014	0.533055	-1.87598	0.850627	1.05608	1.05608	0.544329	1.19436	1.19436	0.318842	0.666987	-1.49928	0.641003	0.925482	-1.08055	0.226309	0.692311	-1.44444	0.626724	0.867744	-1.15241	0.92144	0.971852	-1.02896	0.228183	1.44007	1.44007	1.29814	1.7224	1.1794	1
cg08213398	SWAP70	0.361815	0.332623	0.801338	-1.24791	0.0999458	0.67068	-1.49102	0.0690017	0.637053	-1.56973	0.92899	1.01995	1.01995	0.859558	1.04003	1.04003	0.686308	0.913958	-1.09414	0.180033	1.37094	1.37094	0.712765	0.92133	-1.08539	0.693115	0.915861	-1.03187	1.29814	1.00955	0.691282	1
cg21717335	WDR66	0.361816	0.727539	0.69783	-1.43327	0.4004	1.46804	1.46804	0.0994906	0.47255	2.11677	0.185387	1.16066	1.16066	0.71785	0.855387	1.16066	0.140013	0.11081	-9.02598	0.0170066	0.631111	1.61111	0.170864	0.533235	1.87545	0.0143414	0.114515	0.29472	41.7542	32.2187	1
cg19635712	EPB41L4B;EPB41L4B UXT;UC001139957;UXT;UC001139957	0.36182	0.921198	0.985434	-1.01478	0.544701	1.09517	1.09517	0.0373548	1.4309	1.4309	0.64176	1.07195	1.07195	0.911971	0.984828	-1.01541	0.252234	1.19406	1.19406	0.276258	0.848863	-1.17805	0.173198	1.23977	1.23977	0.613057	1.08756	1.07856	1.29812	0.452125	0.309592	1
cg06803079	?	0.361843	0.216722	0.509955	-1.96096	0.0804853	0.366249	-2.73038	0.294514	0.569334	-1.75644	0.141082	2.27072	2.27072	0.754487	0.849987	-1.17649	0.289138	0.565484	-1.7684	0.309383	0.579829	-1.72465	0.842919	0.902315	-1.10826	0.690448	0.812698	-1.23047	1.29807	5.5184	3.77889	1
cg24582168	CYP24A1;CYP24A1	0.361844	0.0730779	0.705972	-1.41649	0.726276	0.940619	-1.06313	0.811335	0.959204	-1.04253	0.976719	0.994931	-1.0051	0.821681	0.12401	7.9401	0.635147	1.08682	1.08682	0.913489	0.985728	1.42425	0.320955	1.19555	1.19555	1.29807	0.623677	0.427081	1
cg16676655	PHF1;PHF1;PHF1	0.361855	0.887833	1.05	1.05	0.38341	1.36375	1.36375	0.496758	1.26941	1.26941	0.160726	1.07696	1.67866	0.0005513	0.642572	1.54082	0.555186	1.29155	1.29155	0.0677812	0.492959	-2.02857	0.701622	0.857187	-1.14235	0.22433	0.643205	-1.55471	1.29804	2.4572	1.68268	1
cg18778299	C3orf36	0.361857	0.406765	0.822627	-1.21562	0.866578	0.962053	-1.03944	0.723394	1.08519	1.08519	0.623836	1.12044	1.12044	0.0838219	1.553	1.553	0.238819	1.32821	1.32821	0.687982	1.09733	1.09733	0.227393	0.74711	-1.33849	0.199357	0.732001	-1.36612	1.29803	1.08817	0.745174	1
cg19468968	C16orf63	0.36186	0.231823	0.77085	-1.29772	0.0910008	1.46875	1.46875	0.0994533	0.662	-1.51056	0.328257	1.24537	1.24537	0.0842728	0.765839	-1.30568	0.841409	0.991934	-1.0082	0.903278	0.837513	-1.19401	0.615007	0.909008	-1.09901	0.14566	1.3825	1.3825	1.29803	0.883614	0.6051	1
cg11697159	EML3	0.361863	0.417129	0.67679	-1.49773	0.974051	0.984331	-1.01592	0.0557578	0.9246	0.24026	0.232029	0.541705	-1.84602	0.647321	1.25091	1.25091	0.245688	1.81046	1.81046	0.836615	1.10548	1.10548	0.371496	0.639344	-1.5641	0.698353	0.827604	-1.20831	1.32874	4.85631	2.84264	1
cg20384374	C11orf57;C11orf57;C11orf57;C11orf57; C11orf57;C11orf57;PIH1D2;PIH1D2	0.361868	0.778975	1.06943	1.06943	0.293056	0.770885	-1.29721	0.106738	0.656955	-1.52218	0.2478	1.33409	1.33409	0.0736289	1.60927	1.60927	0.969684	0.990975	-1.00911	0.897322	0.969669	-1.03128	0.82137	0.947479	-1.05543	0.942169	1.01746	1.01746	1.29801	1.16999	0.80122	1
cg02574464	KIAA0174;KIAA0174	0.36187	0.0779769	0.589659	-1.69659	0.136191	1.54194	1.54194	0.392923	1.26922	1.26922	0.291399	0.738423	-1.35495	0.314003	0.563847	-1.77353	0.689507	0.930737	0.901156	-1.10969	0.244661	0.745829	-1.34079	0.707001	0.100995	0.526505	0.84107	-1.18896	0.568123	0.855899	-1.16836	1.298	1.49531	1.02401	1
cg17616192	GPS1;RFNG;GPS1	0.361874	0.768846	0.894055	-1.11855	0.0810378	0.854562	-1.17026	0.0242666	0.73003	-1.36987	0.0981171	0.564553	-1.77053	0.150254	0.831376	-1.20282	0.243256	0.625521	-1.5987	0.0274107	0.726311	-1.37637	0.0170955	0.583036	-1.71516	0.923099	1.03798	1.03798	1.29798	3.06434	2.09852	1
cg00481951	SST	0.361884	0.173846	5.22074	5.22074	0.613392	1.7895	1.7895	0.775585	1.38607	1.38607	0.270531	0.26971	-3.70768	0.407669	0.380059	-2.63117	0.545338	0.497023	-2.01198	0.506023	0.462661	-2.16141	0.0862761	0.87253	0.871253	0.291455	1.49157	3.49157	1.29797	26.8206	18.3676	1
cg12198124	GAUNT3	0.361889	0.151643	1.22824	1.22824	0.770026	1.40001	1.40001	0.022824	1.41419	1.41419	0.182122	1.20867	1.20867	0.645869	1.06388	1.06388	0.183105	1.20809	1.20809	0.954059	1.00774	1.00774	0.436704	1.13295	1.13295	0.422273	1.11594	1.11594	1.29795	0.368169	0.252137	1
cg22736444	RERE;RERE;RERE	0.361893	0.0150004	0.475502	-2.10277	0.0453491	1.57486	1.57486	0.0199463	0.73003	1.36987	0.0981171	0.60071	1.66471	0.0249198	0.708018	1.41202	0.550022	0.837123	-1.19481	0.0936358	0.472659	-2.11569	0.860792	0.916553	-1.09107	0.0603918	0.616563	-1.62189	1.29793	2.299	1.57037	1
cg12400702	CAND2;CAND2	0.361902	0.294777	0.687561	-1.45442	0.12592	0.565021	-1.76985	0.115827	0.554732	-1.80267	0.222793	1.55529	1.55529	0.455253	0.769361	-1.29978	0.175297	0.608404	-1.64364	0.448725	0.766323	-1.30493	0.650882	0.854654	-1.17006	0.738725	1.12233	1.12233	1.29792	2.44319	1.67323	1
cg06490968	C16orf63	0.361903	0.857493	0.91068	-1.09772	0.810008	1.06457	1.06457	0.155356	0.832855	-1.20102	0.647537	1.23985	1.23985	?	?	?	0.182702	0.525396	-1.90333	0.0553728	0.643912	-1.55302	0.24561	1.18643	1.18643	0.332088	0.634912	-1.57502	1.29651	3.75022	2.9015	1
cg25027125	CFL2;CFL2;CFL2;CFL2;CFL2	0.361904	0.957566	1.02101	1.02101	0.855425	1.07389	1.07389	0.831748	1.08671	1.08671	0.344477	1.46316	1.46316	0.807025	0.908781	-1.10034	0.605077	0.815553	-1.22616	0.285471	0.648174	-1.5428	0.0747958	0.430414	-2.32334	0.129416	1.80719	1.80719	1.29792	3.14022	2.15061	1
cg17716617	KIAA1522	0.361905	0.429849	2.27317	2.27317	0.13835	5.15213	5.15213	0.500319	2.00681	2.00681	?	?	?	0.58	1.7418	1.7418	0.171851	0.224968	-4.44507	0.420851	0.432535	-2.31195	0.252094	0.294197	-3.39908	0.493812	0.496622	-2.0136	1.32473	18.8395	12.4438	1
cg14354472	NTNG2	0.361908	1.84444	1.867921	1.867921	0.15218	0.721357	1.04872	0.0146557	0.651553	-1.53459	0.0127	1.28559	1.28559	0.348318	0.875672	-1.14198	0.833151	0.971412	-1.0294	0.448287	0.890213	-1.12333	0.699884	0.948126	-1.05471	0.0698109	0.756749	-1.32144	1.29791	0.388623	0.266154	1
cg16339286	SDK1	0.361908	0.241306	0.509199	-1.96387	0.116597	1.54094	1.54194	0.392923	1.26922	1.26922	0.291399	0.524731	-1.90595	0.314003	0.563847	-1.77353	0.689549	0.850494	0.853751	-1.17181	0.0937805	0.71755	-1.81821	-1.22127	0.771245	0.818782	0.61441	-1.63784	0.914861	0.623385	-1.60435	1.29789	0.623385	4.26249	1
cg06952798	MGMT	0.361909	0.581036	0.90517	-1.10481	0.0810378	0.854562	-1.17026	0.0242666	0.73003	-1.36987	0.0981171	0.564553	-1.77053	0.150254	0.831376	-1.20282	0.243256	0.625521	-1.5987	0.0274107	0.726311	-1.37637	0.0170955	0.583036	-1.71516	0.923099	1.03798	1.03798	1.29789	3.06434	2.09852	1
cg08376644	MCPH1	0.361913	0.148319	0.715456	-1.39771	0.915215	0.977265	-1.02326	0.410856	1.19914	1.19914	0.734435	1.0763	1.0763	0.28683	0.787543	-1.26977	0.504063	0.863805	-1.15767	0.125574	1.43043	1.43043	0.310921	1.7974401	-1.25407	0.231307	0.762516	-1.31145	1.29789	0.958571	0.656496	1
cg04118884	TMEM198;CHPF	0.361916	0.868699	0.955796	-1.04625	0.141187	1.54098	1.54098	0.656277	1.7587	1.7587	0.378138	1.28031	1.28031	0.227605	1.41355	1.41355	0.715519	1.10519	1.10519	0.249952	0.719971	-1.38895	0.438764	1.24086	1.24086	0.383127	1.27671	1.27671	1.29789	1.53496	1.05126	1
cg06579270	LASS3	0.361921	0.379812	0.7	0.7	0.384482	1.31164	1.31164	0.898448	0.959818	-1.04186	0.447979	1.28197	1.28197	0.0498168	0.48741	-2.05166	0.686392	1.13926	1.13926	0.244986	1.47792	1.47792	0.210196	0.654332	-1.52828	0.7982911	1.08574	1.08574	1.29789	2.12126	1.45248	1
cg05167655	PFKP	0.361925	0.861355	1.08166	1.08166	0.352602	1.53648	1.53648	0.666017	0.822849	-1.21529	0.79722	0.890818	-1.12256	0.0818634	0.42074	2.37676	0.0789903	0.416539	-2.40074	0.9189	1.04679	1.04679	0.860408	1.08224	1.08224	0.153653	0.503627	-1.9856	1.29785	4.14419	2.83832	1
cg09303201	KIAA0182;KIAA0182	0.361938	0.745484	0.77281	-1.29359	0.0810378	0.854562	-1.17026	0.0242666	0.73003	-1.36987	0.0981171	0.564553	-1.77053	0.150254	0.831376	-1.20282	0.243256	0.625521	-1.5987	0.0274107	0.726311	-1.37637	0.0170955	0.583036	-1.71516	0.923099	1.03798	1.03798	1.29789	3.06434	2.09852	1
cg19445598	UBAC;LOC550112	0.361938	0.070972	2.20775	2.20775	0.889621	0.953153	-1.04915	0.238253	1.53239	1.53239	0.620421	1.26582	1.26582	0.0538252	1.66284	1.66284	0.319017	1.42737	1.42737	0.944988	0.976438	-1.02413	0.566794	0.818691	-1.22146	0.327714	1.41777	1.41777	1.29783	2.45399	1.68074	1
cg07671858	SYNPO2L;SYNPO2L	0.361939	0.464911	0.463352	-2.15818	0.729358	0.69821	-1.43223	0.0607764	0.90252	0.90252	0.415164	0.422541	-2.36664	0.521509	0.510675	-1.95819	0.359594	0.377473	-2.6492	0.147138	0.99831	0.99831	0.869701	1.18507	1.18507	0.596312	0.575257	-1.73835	1.29783	21.9892	15.0605	1
cg19134913	LMF1	0.361943	1.117048	1.45142	1.45142	-1.21532	0.0810378	0.854562	-1.17026	0.0242666	0.73003	-1.36987	0.0981171	0.564553	-1.77053	0.150254	0.831376	-1.20282	0.243256	0.625521	-1.5987	0.0274107	0.726311	-1.37637	0.0170955	0.583036	-1.71516	0.923099	1.03798	1.03798	1.29783	3.06434	2.09852	1
cg21555944	DALRD3;DALRD3	0.361944	0.320363	0.89362	-1.11904	0.943322	0.992242	-1.00782	0.720951	0.963474	-1.04007	0.652888	0.797186	-1.25441	0.0578521	0.924116	-1.08212	0.313778	0.892151	-1.12089	0.223992	0.869417	-1.1502	0.371822	0.904438	-1.10566	0.155898	1.18093	1.18093	1.29782	0.246635	0.168923	1
cg09676485	LFNG;LFNG;LFNG;LFNG	0.361953	0.903241	1.07403	1.07403	0.529424	0.680802	-1.46759	0.134118	1.13782	1.13782	0.414218	0.662414	-1.50917	0.0133863	0.489025	-2.04481	0.928172	0.98218	-1.0535	0.807474	0.939364	-1.17774	0.163502	1.42233	-1.83664	0.0627	0.588274	1.42233	1.29781	2.299	1.57037	1
cg08869573	CCDC65;CCDC65	0.361954	0.452574	0.806834	-1.23941	0.0744657	1.74615	1.74615	0.306786	1.3455	1.3455	0.460691	1.23127	1.23127	0.635866	0.87478	-1.14314	0.857865	0.950961	-1.05157	0.484862	1.2203	1.2203	0.643316	1.13974	1.13974	0.0608135	1.80904	1.80904	1.29779	1.61708	1.10758	1
cg20537257	C4orf52	0.361963	0.865963	1.03134	1.03134	0.914763	1.03203	1.03203	0.245746	1.25233	1.25233	0.352934	1.08866	1.08866	0.188705	1.1943	1.1943	0.238299	1.19153	1.19153	0.367904	1.63165	1.63165	0.0239189	1.45104	1.45104	0.0239189	1.45104	1.45104	1.29779	1.64124	0.939792	1
cg20382637	ILVBL	0.361964	0.308343	0.70474	-1.67624	0.197522	0.512872	1.9498	0.278369	0.575496	-1.73763	0.551854	0.341221	2.93137	0.0753483	0.703069	-1.42233	0.87988	1.07694	1.07694	0.388032	1.00738	1.00738	0.980606	0.52902	1.52902	0.272615	1.75018	1.75018	1.29777	4.93879	3.38275	1
cg01782711	ANKS1B;ANKS1B;ANKS1B	0.361971	0.118383	0.312117	-3.20393	0.248205	0.436455	-2.29119	0.515883	0.636066	-1.57216	0.335782	0.505767	-1.97719	0.121506	0.315697	-3.1676	0.592734	0.690173	-1.44801	0.247015	0.435461	-2.29641	0.702415	1.30167	1.30167	0.0556557	0.22552	-4.43419	1.29775	9.69507	6.6406	1
cg16372237	SYNJ2	0.361976	0.188004	0.867921	-1.15218	0.721357	1.04872	1.04872	0.0146557	0.651553	-1.53459	0.0127	1.28559	1.28559	0.348318	0.875672	-1.14198	0.833151	0.971412	-1.0294	0.448287	0.890213	-1.12333	0.699884	0.948126	-1.05471	0.0698109	0.756749	-1.32144	1.29791	0.388623	0.266154	1
cg16339286	SDK1	0.361908	0.241306	0.509199	-1.96387	0.116597	1.54094	1.54094	0.26451	0.527439	-1.89595	0.314003	0.563847	-1.77353	0.689549	0.357015	-2.801	0.71755	1.81821	-1.22127	0.771245	0.851788	-1.174	0.633706	0.767855	-1.30233	0.418442	0.634481	-1.57609	1.29791	6.223	4.26249	1
cg06952798	MGMT	0.361909	0.581036	0.90517	-1.10481	0.0810378	0.854562	-1.17026	0.0242666	0.73003	-1.36987	0.0981171	0.564553	-1.77053	0.150254	0.831376	-1.20282	0.243256	0.625521	-1.5987	0.0274107	0.726311	-1.37637	0.0170955	0.583036	-1.71516	0.923099	1.03798	1.03798	1.29789	3.06434	2.09852	1
cg08376644	MCPH1	0.361913	0.148319	0.715456	-1.39771	0.915215	0.977265	-1.02326	0.410856	1.19914	1.19914	0.734435	1.0763	1.0763	0.28683	0.787543	-1.26977	0.504063	0.863805	-1.15767	0.125574	1.43043	1.43043	0.310921	1.7974401	-1.25407	0.231307	0.762516	-1.31145	1.29789	0.958571	0.656496	1
cg04118884	TMEM198;CHPF	0.361916	0.868699	0.955796	-1.04625	0.141187	1.54098	1.54098	0.656277	1.7587	1.7587	0.378138	1.28031	1.28031	0.227605	1.41355	1.41355	0.715519	1.10519	1.10519	0.249952	0.719971	-1.38895	0.438764	1.24086	1.24086	0.383127	1.27671	1.27671	1.29789	1.53496	1.05126	1
cg06579270	LASS3	0.361921	0.379812	0.7	0.7	0.384482	1.31164	1.31164	0.898448	0.959818	-1.04186	0.447979	1.28197	1.28197	0.0498168	0.48741	-2.05166	0.686392	1.13926	1.13926	0.244986	1.47792	1.47792	0.210196	0.654332	-1.52828	0.7982911	1.08574	1.08574	1.29789	2.12126	1.45248	1
cg05167655	PFKP	0.361925	0.861355	1.08166	1.08166	0.352602	1.53648	1.53648	0.666017	0.822849	-1.21529	0.79722	0.890818	-1.12256	0.0818634	0.42074	2.37676	0.0789903	0.416539	-2.40074	0.9189	1.04679	1.04679	0.860408	1.08224	1.08224	0.153653	0.503627	-1.9856	1.29785	4.14419	2.83832	1
cg09303201	KIAA0182;KIAA0182	0.361938	0.745484	0.77281	-1.29359	0.0810378	0.854562	-1.17026	0.0242666	0.73003	-1.36987	0.0981171	0.564553	-1.77053	0.150254	0.831376	-1.20282	0.243256	0.625521	-1.5987	0.0274107	0.726311	-1.37637	0.0170955	0.583036	-1.71516	0.923099	1.03798	1.03798	1.29789	3.06434	2.09852	1
cg19445598	UBAC;LOC550112	0.361938	0.070972	2.20775	2.20775	0.889621	0.953153	-1.04915	0.238253	1.53239	1.53239	0.620421	1.26582	1.26582	0.0538252	1.66284	1.66284	0.319017	1.42737	1.42737	0.944988	0.976438	-1.02413	0.566794	0.818691	-1.22146	0.327714	1.41777	1.41777	1.29783	2.45399	1.68074	1
cg07671858	SYNPO2L;SYNPO2L	0.361939	0.464911	0.463352	-2.15818	0.729358	0.69821	-1.43223	0.0607764	0.90252	0.90252	0.415164	0.422541	-2.36664	0.521509	0.510675	-1.95819	0.359594	0.377473	-2.6492	0.147138	0.99831	0.99831	0.869701	1.18507	1.18507	0.596312	0.575257	-1.73835	1.29783	21.9892	15.0605	1
cg19134913	LMF1	0.361943	1.117048	1.45142	1.45142	-1.21532	0.0810379	0.854562	-1.17026	0.0242666	0.73003	-1.36987	0.0981171	0.564553	-1.77053	0.150254	0.831376	-1.20282	0.243256	0.625521	-1.5987	0.0274107	0.726311	-1.37637	0.0170955	0.583036	-1.71516	0.923099	1.03798	1.03798	1.29783	3.06434	2.09852	1
cg21555944	DALRD3;DALRD3	0.361944	0.320363	0.89362	-1.11904	0.943322	0.992242	-1.00782	0.720951	0.963474	-1.04007	0.652888	0.797186	-1.25441	0.0578521	0.924116	-1.08212	0.313778	0.892151	-1.12089	0.223992	0.869417	-1.1502	0.371822	0.904438	-1.10566	0.155898	1.18093	1.18093	1.29782	0.246635	0.168923	1
cg09676485	LFNG;LFNG;LFNG;LFNG	0.361953	0.903241	1.07403	1.07403	0.529424	0.680802	-1.46759	0.134118	1.13782	1.13782	0.414218	0.662414	-1.50917	0.0133863	0.489025	-2.04481	0.928172	0.98218	-1.0535	0.807474	0.939364	-1.17774	0.163502	1.42233	-1.83664	0.0627	0.588274	1.42233	1.29781	2.299	1.57037	1
cg08869573	CCDC65;CCDC65	0.361954	0.452574	0.806834	-1.23941	0.0744657	1.74615	1.74615	0.306786	1.3455	1.3455	0.460691	1.23127	1.23127	0.635866	0.87478	-1.14314	0.857865	0.950961	-1.05157	0.484862	1.2203	1.2203	0.643316	1.13974	1.13974	0.0608135	1.80904	1.80904	1.29779	1.61708	1.10758	1
cg20537257	C4orf52	0.361963	0.865963	1.03134	1.03134	0.914763	1.03203	1.03203	0.245746	1.25233	1.25233	0.352934	1.08866	1.08866	0.188705	1.1943	1.1943	0.238299	1.19153	1.19153	0.367904	1.63165	1.63165	0.0239189	1.45104	1.45104	0.0239189	1.45104	1.45104	1.29779	1.64124	0.939792	1
cg20382637	ILVBL	0.361964	0.308343	0.70474	-1.67624	0.197522	0.512872	1.9498	0.278369	0.575496	-1.73763	0.551854	0.341221	2.93137	0.0753483	0.703069	-1.42233	0.87988	1.07694	1.07694	0.388032	1.00738	1.00738	0.980606	0.52902	1.52902	0.272615	1.75018	1.75018	1.29777	4.93879	3.38275	1
cg01782711	ANKS1B;ANKS1B;ANKS1B	0.361971	0.118383	0.312117	-3.20393	0.248205	0.436455	-2.29119	0.515883	0.636066	-1.57216	0.335782	0.505767	-1.97719	0.121506	0.315697	-3.1676	0.592734	0.690173	-1.44801	0.247015	0.435461	-2.29641	0.702415	1.30167	1.30167	0.0556557	0.22552	-4.43419	1.29775	9.69507	6.6406	1
cg16372237	SYNJ2	0.361976	0.188004	0.867921	-1.15218	0.721357	1.04872	1.04872

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
cg00170962	TBC1D5;TBC1D5;TBC1D5	0.362132	0.8291377	0.87078	0.1484	0.636298	1.35667	1.35667	0.795065	1.18138	0.152889	0.375194	-2.66529	0.131988	0.353065	-2.83234	0.137773	0.359357	-2.78275	0.125112	0.345398	-2.89525	0.8512262	1.16555	1.16555	0.189674	0.410818	-2.43417	1.29689	0.422884	5.77303	1	
cg14464827	TPPI;TPPI	0.362339	0.764118	0.915458	-1.09235	0.6577975	0.54856	-1.82295	0.575761	0.847099	-1.1805	0.1381009	0.625386	-1.5978	0.389598	1.29534	1.29534		0.467189	1.24253	1.24253	0.40597	1.28343	1.28343	0.42458	0.787139	-1.27042	0.386464	0.770609	-1.29767	1.29684	1.7694	1.21279	1	
cg01233720	C5orf43	0.362341	0.304954	0.726573	-1.37632	0.106267	0.588388	-1.69956	0.0460969	0.502981	-1.98815	0.890586	1.04225	1.04225	0.967523	0.987833	-1.01232		0.541248	1.20437	1.20437	0.789767	1.08366	1.08366	0.429461	0.784655	-1.27445	0.26607	0.705786	-1.41686	1.29684	1.85685	1.27274	1	
cg07006679	CDC7;CDC7;CDC7	0.362341	0.2962864	0.825782	-1.21104	0.19648	1.27313	1.27313	0.178523	1.28754	1.28754	0.764062	0.998167	-1.00467	0.996546	0.999201	-1.00074		0.443832	1.14802	1.14802	0.504421	0.88712	-1.12724	0.098623	0.725983	-1.37744	0.534291	0.894681	-1.11772	1.29684	0.642126	0.440132	1	
cg08564307	LIMK2	0.362345	0.190501	1.70044	1.70044	0.865883	1.06687	1.06687	0.203985	1.67861	1.67861	0.210504	1.65747	1.65747	0.360601	0.697782	-1.43311		0.625865	1.20703	1.20703	0.536104	0.78668	-1.27117	0.181848	0.581177	-1.72065	0.36717	0.701344	-1.42583	1.29683	3.01206	2.06457	1	
cg09589536	RIMKLB	0.362347	0.165905	0.772673	-1.29421	0.948342	1.01137	1.01137	0.248503	1.23437	1.23437	0.754285	0.95633	-1.04563	0.134626	1.32519	1.32519		0.254969	0.812651	-1.23054	0.187004	0.783393	-1.27655	0.191753	-1.092	0.973139	1.005089	1.005089	0.26682	0.62574	0.428905	1	
cg22923809	FBXO21;FBXO21	0.362357	0.705472	1.19969	1.19969	0.651931	1.24325	1.24325	0.690145	1.21185	1.21185	0.322189	1.63291	1.63291	0.109393	2.30941	2.30941		0.606804	1.28263	1.28263	0.45334	0.693308	-1.44236	0.0363388	3.21164	3.21164	0.232458	1.82287	1.82287	1.2968	4.72217	3.23681	1	
cg08259083	PLK3	0.362358	0.0938879	0.401161	-2.49236	0.164653	0.474642	-2.10222	0.0269242	0.944278	1.05634	0.0659348	0.359515	-2.78152					0.863535	0.918236	-1.08904	0.2979738	0.584123	-1.71197	0.470909	0.698647	-1.43134	0.187126	0.49993	-2.00028	1.29679	5.04963	3.46128	1	
cg04361266	LYRM1;DCUN1D3	0.362373	0.382682	0.848136	-1.54288	0.370456	0.640872	-1.56037	0.0338539	0.2105185	-3.60244	0.0436557	0.253134	1.25134	0.947372	0.92581	-1.07993		0.5002409	0.718016	-1.39273	0.140339	0.463743	-2.15637	0.493722	1.74029	-1.36926	1.32129	1.32129	1.29676	-4.81929	0.130348	1	
cg02218809	TMEM219;TMEM219	0.362389	0.947958	0.932624	-1.07224	0.1868	4.60597	4.60597	0.0496078	12.3392	12.3392	0.566321	1.86234	1.86234	0.879422	0.8433116	-1.18579		0.424975	0.415944	-2.40417	0.474899	0.457875	-2.184	7	7	0.864399	0.833013	-1.20046	1.36457	20.8897	11.4815	1	
cg15893431	OLIG1	0.362391	0.374389	1.37555	1.37555	0.6284	1.52583	1.52583	0.0159297	0.6040771	1.65543	0.0778141	0.607351	1.64632	0.0537483	1.32651	1.32651		0.303401	1.45178	1.45178	0.175951	1.13632	1.13632	0.892467	0.953801	1.04844	0.627546	1.18647	1.18647	1.29672	2.51164	1.72171	1	
cg10363003	NT5C3;NT5C3	0.362389	0.506548	0.867329	-1.15296	0.723971	1.07777	1.07777	0.750475	1.06971	1.06971	0.810679	0.95199	1.05199	0.422667	0.842447	-1.18702		0.511207	0.868719	-1.15112	0.0227042	0.56212	-1.77898	0.596685	1.1194	1.1194	0.420003	1.19007	1.19007	1.29672	0.91611	0.627986	1	
cg10368981	DPY19L2	0.362393	0.530921	0.783304	-1.31194	0.319726	0.642388	-1.5555	0.0617009	0.8372014	1.08432	0.1084432	0.0797009	2.30628	0.0124828	2.30628			0.0752109	2.34266	2.34266	0.0615969	0.3766663	-1.0239	0.389784	1.60334	1.60334	0.927475	0.9616139	-1.03889	1.29671	3.79141	2.599	1	
cg06952660	IL12RB2	0.362395	0.202737	0.531092	-1.88291	0.340707	0.5533393	-1.80703	0.983515	0.990324	-1.00977	0.996619	0.525993	-1.90117	0.25656	0.572765	-1.74592		0.252058	1.75603	1.75603	0.659697	0.811779	-1.23186	0.103267	0.432312	-2.31334	0.2484	0.566764	1.2967	0.454798	3.11763	1	
cg14958265	NUAK1	0.362405	0.372368	0.521473	-1.91764	0.0356126	0.176188	-5.82418	0.07466	0.2039197	-4.18066	0.823285	0.852792	-1.17262	0.618047	0.696189	-1.43639		0.38208	0.524251	-1.90748	0.43269	0.561684	-1.78036	0.609251	0.689778	-1.44974	0.546099	1.55282	1.55282	1.29668	10.6579	7.30611	1	
cg10147875	PPFIA3	0.362408	0.0993834	0.734754	-1.13708	0.978764	1.01716	1.01716	0.576499	1.435	1.435	0.859039	1.12049	1.12049	0.228379	1.192405	-1.01753		0.2529606	1.0608	1.0608	0.488431	0.598211	-1.67165	0.919033	1.06724	1.06724	0.867781	0.8988572	-1.11252	1.29667	8.41121	5.76602	1	
cg21493591	ZFX	0.362415	0.105952	0.359816	-2.7792	0.498693	1.48821	1.48821	0.319105	0.550998	-1.81489	0.953338	1.03445	1.03445	0.287747	0.527862	-1.89443		0.192068	0.450188	-2.2213	0.128245	0.386047	-2.59036	0.6105599	1.34619	1.34619	0.195491	0.452704	-2.20895	1.29665	6.88139	4.71737	1	
cg17725019	PKN3P1;PKN3P1	0.362419	0.564085	1.55096	1.55096	0.2248357	1.74806	1.74806	0.0729562	4.51619	4.51619	0.760025	1.29579	1.29579	0.908509	1.09053	1.09053		0.870503	0.68385	-1.13141	0.459987	1.76314	1.76314	0.620871	1.45623	1.45623	0.983501	1.01571	1.01571	1.29664	1.61699	0.8001	1	
cg08583693	RHBDF2;RHBDF2	0.362424	0.878571	0.98941	1.08525	0.894636	0.928464	-1.07705	0.323536	1.770311	1.770311	0.549735	1.40357	1.40357	0.993324	1.002428	1.002428		0.428047	1.5734	1.5734	0.0293037	4.2231	4.2231	0.262608	0.92373	0.9246116	1.27968	2.79868	2.79868	0.26633	6.44357	4.41731	1	
cg09275326	IL6R;IL6R	0.362428	0.740653	0.891714	-1.12144	0.329531	1.41511	1.41511	0.323584	0.703433	-1.4216	0.498091	0.788737	-1.26785	0.593411	0.830318	-1.20436		0.13285	1.74985	1.74985	0.090205	1.90462	1.90462	0.696065	1.14506	1.14506	0.387967	0.736895	-1.35704	1.29662	2.44489	1.67607	1	
cg01734120	SH2B3	0.362431	0.145334	1.28961	1.28961	0.352425	0.968214	1.03145	-1.03281	0.2508581	0.554695	-1.9429	0.893362	1.08618	1.08618	0.231004	0.454238	-2.20149	0.145587	2.6198	2.6198	0.134045	0.365424	2.73653	0.381855	0.395144	0.584634	-1.71047	1.2966	7.80112	5.34808	1	
cg00688850	TARP;TARP	0.362436	0.806748	0.96959	-1.03136	0.2859888	0.8696585	-1.14984	0.660097	0.765496	-1.30634	0.460808	0.909727	-1.09923	0.1108866	0.80342	-1.24468		0.482874	0.914059	-1.09402	0.102101	0.798177	-1.25286	0.647926	0.943714	-1.05964	0.121001	0.809074	-1.23598	1.2966	0.326041	0.223518	1	
cg06457272	TBC1D25	0.362439	0.159538	1.273594	-1.65505	0.273532	1.28247	1.28247	0.0210766	0.6835442	-1.46297	0.4556	-1.45526	0.299047	0.52907	0.2166257	-1.89206		0.111166	2.04949	2.04949	0.0143855	0.193985	5.15583	0.0158866	1.30403	1.30403	0.164472	0.5983	1.03452	1.2966	3.2983	2.599	1	
cg15639776	DGKQ	0.362437	0.115338	0.257172	-3.88845	0.561957	0.628048	-1.59224	0.780091	0.800892	-1.24861	0.752047	0.777689	-1.28586	0.180499	0.323659	-3.08967		0.3529	1.468474	-2.13459	0.117833	0.259966	-3.84665	0.0444104	0.160194	-6.24242	0.275041	0.406228	-2.46167	1.2966	12.9219	8.85866	1	
cg11033931	ZC3H3	0.362438	0.282173	0.651071	-1.53593	0.0914368	0.489818	-2.04158	0.404025	0.720455	-1.38801	0.931305	1.03366	1.03366	0.269695	0.643167	-1.55481		0.439782	0.738933	-1.3533	0.120256	0.523537	-1.91008	0.113625	0.516128	-1.93675	0.46608	1.32952	1.32952	1.2966	3.0278	2.07573	1	
cg05709567	EHBP1;EHBP1;EHBP1	0.362438	0.732384	1.076858	1.076858	0.7220	1.35703	1.35703	0.143164	1.59865	1.59865	0.0787746	2.07273	2.07273	0.293837	1.252128	1.252128		0.2141131	0.670502	-1.49137	0.0497242	0.2114551	-4.72954	0.0215665	0.121527	-8.22615	0.0326955	0.1021	0.1021	1.2966	1.82597	1.2518	1	
cg08818195	FBXL1	0.362439	0.389103	1.14381	1.14381	0.438891	1.12771	1.12771	0.479585	1.11562	1.11562	0.318377	1.16999	1.16999	0.941959	1.01122	1.01122		0.882244	0.977689	-1.02282	0.225325	0.823779	-1.21392	0.0399693	1.43536	1.43536	0.263665	1.19313	1.19313	1.29659	0.475882	0.326245	1	
cg10982231	RFX7	0.362443	0.0992033	0.583083	-1.88736	0.238444	0.745563	-1.46488	0.527263	0.8604937	-1.1622	0.1378881	0.65199	-1.53419	0.0998	1.0133	1.0133		0.3328002	0.76672	-1.30426	0.425709	0.6923398	-1.44477	0.0178997	0.583636	-1.71394	0.0294444	0.5528	0.5528	1.2966	1.45171	0.9952338	1	
cg04897631	ANIN	0.362445	0.380377	-1.40292	1.40292	0.524831	1.27381	1.27381	0.113327	0.510774	-1.92391	0.598403	0.819157	-1.22077	0.936794	0.970711	-1.03017		0.897319	1.04958	1.04958	0.050465	0.24647	2.34647	0.516103	0.28056	1.28056	0.804045	1.07714	1.07714	1.32719	0.85902	1.69393	1	
cg25931371	PSD2	0.362455	0.167386	1.33776	1.33776	0.573508	0.893634	-1.11903	0.257568	0.79167	-1.26315	0.553961	1.12566	1.12566	0.0508892	1.55234	1.55234		0.923209	0.981117	-1.01925	0.933012	1.01676	1.01676	0.453174	0.859765	-1.16311	0.676529	0.920388	-1.0865	1.29656	0.8028	0.550381	1	
cg02682313	TMEM132B	0.362458	0.479479	1.382586	1.382586	0.61378	0.972823	1.29328	1.29328	0.501581	0.676578	-2.25292	0.15101	-2.66486	-2.25292	0.15101	-2.66486		0.448845	2.77386	2.77386	0.127095	0.2843	3.23843	0.0836562	1.52638	1.52638	0.145303	0.126681	-7.89386	1.29655	15.3825	24.6004	1	
cg14058476	NFATC4	0.362458	0.37668	0.448795	-2.22819	0.298775	0.58875	-1.58875	0.126025	0.40659	0.30359	-3.30153	0.181258	0.285501	-3.50261	0.847779	0.843898	-1.18498	0.310626	0.395922	-2.52575	0.970178	0.125481	0.416268	-2.4023	1.29655	0.161073	10.9812	1	
cg24058120	MIR2;MIR2;MIR2;MIR2	0.362462	0.196866	1.647147	1.647147	0.0793532	0.284447	1.83444	0.0110067	0.1598327	2.31505	0.0181111	0.480317	2.08274	0.167443	2.08274	0.167443		0.1811166	2.49447	2.49447	0.0626123	0.1457404	3.80776	0.0176	0.709268	-1.41583	0.0156469	0.734949	0.3662	1.29655	5.3053	3.67152	1	
cg15867698	ACTN1;ACTN1;ACTN1	0.362465	0.964506	0.981685	-1.01866	0.0338653	1.79842	1.79842	0.312412	1.54355	1.54355	0.21967	1.70942	1.70942	0.908254	1.04905	1.04905		0.25472	1.63887	1.63887	0.657976	1.20332	1.20332	0.115993	2.0331	2.0331	0.863768	0.9311446	-1.07395	1.29653	5.34346	2.42936	1	
cg08594554	TTYH2	0.362468	0.579924	1.66971	1.66971	0.0565327	0.138135	-2.2193	0.512244	0.245061	-4.08058	0.935134	1.0775	1.0775	0.360704	0.36698	-2.36608		0.591888	1.64251	1.64251	0.915118	1.1027	1.1027	0.284402	0.27229	0.740637	1.35608	1.35608	0.29652	17.2651	11.8369	1	
cg27553971	UNC13C	0.362471	0.245436	1.197581	1.197581	0.607173	0.29727	1.3049	0.143049	0.485385	0.644634	-1.41965	0.898349	1.07679	0.644634	-1.41965	0.898349		0.645509	1.78826	1.78826	0.0788298	0.7829792	1.45707	0.0197917	0.808938	1.80698	0.792572	1.45707	0.792572	1.29652	5.42	3.71951	1	
cg18976852	NDUFA10	0.362479	0.883167	1.02951	1.02951	0.446679	0.16579	1.16579	0.234093	1.2798	1.2798	0.318171	1.22607	1.22607	0.137353	0.728709	-1.37229		0.417553	1.17804	1.17804	0.246217	1.27105	1.27105	0.17045	1.33472	1.33472	0.392449	0.8400906	-1.18919	1.2965	0.8003207	0.550686	1	
cg17207256	NEUROG2	0.362483	0.704471	1.35162	1.35162	0.756388	0.6408	1.04008	0.534845	0.881683	1.08183	0.773888	0.96428	-1.03704	0.560829	0.770307	-1.29797		0.2185853	1.05276	1.05276	0.928093	1.03555	-1.03555	0.824001	0.20182	1.20642	0.671494	0.8232075	1.20642	1.2965	0.327414	0.224682	1	
cg13909305	BID;BID;BID	0.362487	0.401911	0.51392	-1.94583	0.739746	0.772067	-1.29522	0.381352	0.498222	-2.00714	0.902026	1.07032	1.07032	0.878923	0.219197	-4.56221		0.955317	0.997738	-1.00256	0.951103	0.505195	-1.99364	0.226654	0.565997	-1.76679	0.870298	1.07062	1.07062	1.29642	4.12773	2.83017	1	
cg18481355	TRIM40	0.362501	0.819803	1.10031	1.10031	0.71908	1.16338	1.16338	0.0338475	0.354163	-2.82356	0.619706	0.810911	-1.23318	0.380944	0.686251	-1.45719		0.460943	1.24411	-1.40951	0.574129	0.90588	1.24411	0.0726604	0.41415	0.0145	1.2964	0.640409	2.4711	1				
cg26906516	ETFDH;ETFDH;C4orf46	0.362503	0.0354183	0.800363	-1.88736	0.238444	0.745563	-1.46488	0.527263	0.8604937	-1.1622	0.1378881	0.65199	-1.53419	0.0998	1.0133	1.0133		0.3328002	0.76672	-1.30426	0.425709	0.6923398	-1.44477	0.0178997	0.583636	-1.71394	0.0294444	0.5528	0.5528	1.2964	0.640449	0.445388	1	
cg06664872	RIOK2;RIOK2	0.362509	0.314363	0.627186	-1.59442	0.702141	1.16789	1.16789	0.771344	0.87715	-1.13958	0.0581103	2.64196	2.64196	0.979593	0.988597	-1.01153		0.995327	0.997738	-1.00256	0.951103	0.505195	-1.99364	0.226654	0.565997	-1.76679	0.870298	1.07062	1.07062	1.29642	4.12773	2.83017	1	
cg25227936	PTDSS2	0.362516	0.877964	0.951254	-1.05124	0.692302	0.144427	-4.6262	0.0727	0.142157	-7.03237	0.0120862	0.21552	-4.64127	0.0121	0.2152	-4.64127		0.1477217	0.2120862	-4.71554	0.0212454	0.1439	13.9494	0.0077	0.0179	55.8636	0.0135856	0.1835	0.1835	1.2964	0.570241	0.4455	1	
cg22879515	MIR34B;BTG4;MIR34C	0.362517	0.209979	11.9648	11.9648	0.593098	0.363028	-2.75461	0.697411	0.479967	-2.08348	0.909586	1.2379	1.2379	0.253517	0.106431	-9.39578		0.460943	1.24411	-1.40951	0.574129	0.90588	2.90588	0.219017	11.3418	11.3418	0.0726604	43.0415	43.0415	1.2964	72.4633	49.6851	1	
cg21408851	KCTD19	0.362519	0.254375	0.512698	-1.95042	0.953776	1.03307	1.03307	0.844258	0.840483	-1.18964	0.7701252	1.50326	1.50326	0.33081	0.569347	-1.75564	0.4534665	0.643019	0.768283	1.3016	0.57997	0.7237849	-1.37991	0.479646	1.2626	1.26264	0.240949	4.16388	1.2964	6.04944	4.64588	1	
cg22560658	NCOA4;NCOA4;NCOA4;NCOA4	0.362526	0.287062	0.702578	-1.43522	0.61773	0.897557	1.14514	0.150067	0.1560466	-1.65383	0.331736	1.38724	1.38724	0.264664	1.16067	-1.43385		0.3738	1.34771	1.34771	0.757093	1.10673	1.10673	1.19204	1.57047	1.57047	0.533856	1.38315	1.38315	1.29637	1.19351	1.50403	1	
cg18372896	JDP2;JDP2;JDP2;JDP2	0.362536	0.476642	0.459774	-2.17498	0.595188	1.77853	1.77853	0.218231	4.01719	4.01719	0.503026	0.482016	-2.07462	0.272316	0.293219	-3.41041		0.402828	0.39882	-2.5074	0.124353	0.167528	-5.96914	0.113145	0.157045	-6.36762	0.299395	0.31513	-3.17329	1.29635	23.6694	16.2297	1	
cg17117823	VPS13B;VPS13B	0.362542	0.372384	0.712791	-1.40295	0.414307	0.578842	-1.7259	0.488474	0.770125	-1.29849	0.833993	1.08068	1.08068	0.331812	0.845455	-1.18294		0.4488405	1.10139	1.10139	0.615146	0.978883	-1.02195	0.945191	1.19915	1.19915	0.0178554	0.599322	-1.66392	1.29634	1.80607	0.9241	1	
cg11650468	RAB35;RAB35	0.362545	0.305139	0.582077	-1.71581	0.301664	0.58038	-1.72301	0.193908	0.20114	-2.01142	0.598171	1.3105	1.3105	0.405	0.694459	-1.43997		0.209761	0.150649	-1.95829	0.300887	0.573836	-1.74263	0.391378	0.639867	-1.56283	0.21455	0.94319	1.94319	1.29633	5.3073	3.63919	1	
cg09679746	CDH8	0.362553	0.203295	0.541783	-1.84576	0.123409	0.466397	-2.14329	0.138627	0.485507	-2.0701	0.977297	1.01307	1.01307	0.119962	0.645259	-2.19108		0.2865498	0.64151	-1.55845	0.273275	0.4467751	0.701921	-1.42466	0.214235	0.550575	-1.81528	0.768372	0.873904	-1.14429	1.29631	4.17547	2.62347	1
cg04007066	WNT10A	0.362554	0.723607	1.360913	1.16204	0.279283	1.36279	1.36279	0.1437	0.2855557	0.35557	0.199997	1.45143	1.45143	0.722169	0.9064428	-1.10323		0.955029	1.01564	1.01564	0.919152	1.59291	1.59291	0.0655222	1.52307	1.52307	0.347924	1.30465	1.30465	1.29631	1.55464	1.06603	1	
cg14973421	OLFM3	0.362556	0.962785	0.98683	-1.01335	0.678791	1.1256	1.1256	0.161214	1.5298	1.5298	0.284484	1.37149	1.37149	0.719951	0.902768	-1.1077		0.92168	1.02834	1.02834	0.0676542	0.558985	-1.78896	0.592079	0.857548	-1.16612	0.214819	1.44919	1.44919	1.2963	1.65736	1.13647	1	
cg16.1687320HFW03	LOC259059	0.362559	0.0462116	0.699107	-1.45774	0.13048	0.272357	-3.6449	0.0212707	0.1449	0.2137707	0.1842734	0.1842	0.1842	0.0175288	0.16202	0.0078	0.0038	0.0038316	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	1.2963	0.010573	0.0088983	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg08123100	KLKB1	0.362881	0.759744	0.904143	-1.10602	0.330381	0.718162	-1.35472	0.04484646	0.50593	-1.97656	0.22061	1.46379	1.46379	0.707105	1.12086	1.12086	0.752508	1.90881	-1.10034	0.504156	0.81474	-1.22739	0.983227	0.9936666	-1.00637	0.1402211	0.618992	-1.61553	1.2955	1.87459	1.28622	1
cg01008088	GPR133	0.362884	0.982701	1.01884	1.01884	0.678997	0.698847	-1.43093	0.747622	0.757302	-1.32048	0.916284	1.09476	0.859814	0.858802	-1.16441	0.853237	1.17287	1.17287	0.0785062	0.538035	0.538035	0.579518	1.61919	1.61919	0.0436413	0.135709	-7.36873	1.2955	15.2123	10.4378	1
cg17220278	PRDM16;PRDM16	0.362898	0.567801	1.39888	1.39888	0.239218	2.04723	2.04723	0.70801	0.803553	-1.24447	0.912168	1.06624	1.06624	0.685192	1.26734	1.26734	0.932902	1.05017	1.05017	0.15551	2.41931	2.41931	0.0375602	4.06567	4.06567	0.123236	2.63962	2.63962	1.29546	6.93331	4.75734	1
cg13735794	SLC39A8;SLC39A8;SLC39A8	0.362903	0.795356	1.11509	1.11509	0.209278	2.28092	2.28092	0.20805	2.111192	1.74572	1.74572	0.656076	0.865954	-1.1548	0.668051	1.14857	1.14857	0.795205	0.896765	-1.1155	0.351133	1.36088	1.36088	0.804105	1.08307	1.08307	0.727487	0.893747	-1.11888	1.29545	2.11537	1.45149	1
cg27134827	PPT2;PPT2	0.362905	0.663925	1.11524	1.11524	0.212073	1.38809	1.38809	0.450256	1.211158	1.211158	0.210559	1.99825	1.99825	0.860552	0.958758	-1.04302	0.877755	1.03915	1.03915	0.720494	0.914266	-1.09377	0.708063	0.910424	-1.09839	0.32201	1.29076	1.29076	1.29544	1.27696	0.876206	1
cg06140996	CARD11	0.362908	0.184474	0.288959	-3.4609	0.830968	0.828177	-1.20747	0.917749	0.912924	-1.09538	0.332802	0.414321	-2.41959	0.127737	0.234017	-4.2753	0.695197	-1.48502	0.0991463	0.203044	-4.92504	0.0445497	0.130759	-7.64767	0.684678	0.680699	-1.46908	1.29544	15.9584	10.9502	1
cg10062945	FYS	0.362913	0.755607	0.841387	-1.18851	0.043977	0.277932	-3.598	0.125575	0.399742	-2.50161	0.850473	1.11003	1.11003	0.760977	0.844708	-1.18384	0.559527	0.743772	-1.3445	0.291253	0.545653	-1.83265	0.385862	0.611573	-1.63513	0.30087	1.80933	1.80933	1.29542	6.27726	4.30731	1
cg26598226	GAK	0.362918	0.921334	1.04648	1.04648	0.163418	0.563428	1.29526	1.29526	0.207021	1.50203	1.50203	0.947569	1.02404	1.02404	0.019726	1.42062	1.42062	1.23744	0.2233	1.58475	1.58475	0.579973	1.22381	1.22381	0.964986	1.01592	1.01592	0.48665	0.775433	-1.2896	1.29541	2.65945	1.82281	1
cg17148978	SNX27	0.362918	0.551287	0.847821	-1.17948	0.282429	0.736471	-1.35783	0.919987	0.972859	-1.0279	0.839497	0.945977	-1.05711	0.700176	0.899454	-1.11179	0.407469	0.792905	-1.26119	0.0610903	1.74249	1.78249	0.785701	1.07749	1.07749	0.120573	1.5858	1.5858	1.29541	1.53872	1.05584	1
cg15874113	NCRNA00171	0.362924	0.747363	1.21239	1.21239	0.675232	1.28543	1.28543	0.0970674	0.337837	-2.96	0.755682	1.20441	1.20441	0.218658	0.462564	-2.16186	0.651093	0.762394	-1.31166	0.918525	0.94085	-1.06287	0.0951506	2.98225	2.98225	0.354143	1.76484	1.76484	1.2954	7.28509	4.99896	1
cg04444771	C10orf10;RASSF4	0.362925	0.706386	1.07632	1.07632	0.302705	0.742534	1.31234	0.0536859	0.39289	-2.54633	0.945578	1.40257	1.40257	0.887851	0.910312	-1.09889	0.744664	0.867836	1.60278	1.60278	0.113265	1.75902	1.75902	0.285254	1.47609	1.47609	0.0112	0.668159	1.2955	1.87459	1.29158	1
cg02856109	CTNNA2;LRRTM1;CTNNA2 /// PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4;PLEKHG4	0.362929	0.747388	1.05247	1.05247	0.697573	1.06375	0.453062	1.91258	1.12858	1.12858	0.497985	0.896842	-1.11502	0.36105	1.1602	1.1602	0.12874	0.771193	-1.29669	0.0462898	0.696781	-1.43517	0.878719	0.976124	-1.02446	0.918255	0.10638	1.01638	1.29538	0.513809	0.352574	1
cg06279958	PLEKHG4;PLEKHG4	0.362931	0.282491	1.49062	1.49062	0.56312	0.811428	-1.23239	0.188716	0.607884	-1.64505	0.621797	1.19451	1.19451	0.520947	0.792496	-1.26184	0.683904	0.863883	-1.15756	0.399307	1.36129	1.36129	0.0569768	2.1596	2.1596	0.671288	0.858485	-1.16484	1.29538	2.62131	1.79874	1
cg15788059	TPST2;TPST2;TPST2	0.362938	0.41949	1.27014	1.27014	0.601434	0.858316	-1.16507	0.716618	1.11146	1.11146	0.0418377	0.506604	-1.97393	0.25462	0.708341	-1.41175	0.371709	0.766527	1.30459	0.959404	1.01483	1.01483	0.451374	1.24913	1.24913	0.261853	0.712351	-1.4038	1.29536	1.72416	1.18313	1
cg00375457	TRIM6-TRIM34;TRIM6;TRIM6 /// TRIM34	0.362949	0.855395	1.850274	-1.17609	0.170605	0.269285	-1.71354	0.256809	0.244201	-4.26877	0.238972	0.546503	-1.34121	0.817997	0.976944	-1.02455	0.722726	0.732347	1.36554	0.502115	0.554471	-1.80259	0.38538	0.38538	0.7722	1.29454	0.112518	0.232207	-4.3065	1.29536	14.2654	9.52991	1
cg15062188	DPY30;DPY30	0.36295	0.607634	1.33258	1.33258	0.425947	1.57075	1.57075	0.466301	1.50917	1.50917	0.533097	1.41935	1.41935	0.428492	1.56667	1.56667	0.127448	2.51859	2.51859	0.0546815	0.2920046	-3.42412	0.844657	0.897058	-1.11475	0.958431	0.971553	-1.02928	1.32586	6.30145	3.69657	1
cg06371279	RNF128;RNF128	0.36295	0.711309	0.876527	-1.14087	0.379007	0.742507	-1.37702	0.596182	0.827799	-1.20875	0.349157	0.710579	-1.4073	0.0360635	0.421337	-2.3734	0.522045	1.23864	1.23864	0.628439	1.18811	1.18811	0.411416	1.34683	1.34683	0.244218	0.649271	-1.54019	1.29533	2.57831	1.7693	1
cg23228094	DLGAP4;DLGAP4;DLGAP4	0.362965	0.308189	1.24219	1.24219	0.490932	0.797455	-1.254	0.44013	0.729538	-1.37057	0.207307	0.545503	-1.34121	0.817997	0.976944	-1.02455	0.0452851	1.80799	1.80799	0.386353	0.7805136	1.80127	0.702695	0.898522	-1.11294	0.673067	0.888326	-1.12571	1.29532	1.59719	1.09604	1
cg06257110	METTL9;GSF6;METTL9	0.362965	0.874793	0.960837	-1.04076	0.0195175	2.04415	2.04415	0.962142	1.0121	1.0121	0.907597	0.970102	-1.02985	0.580226	1.15203	1.15203	0.893952	0.966775	-1.03437	0.279501	1.32955	1.32955	0.766312	1.07843	1.07843	0.36768	0.79102	-1.26419	1.29532	1.31676	0.903597	1
cg16512854	PIK3CD	0.362966	0.676377	1.263945	-1.17471	0.324473	1.89161	1.89161	0.0549299	0.668212	-1.49653	0.549113	1.34925	1.34925	0.225577	0.742788	-1.34626	0.580979	0.60808	-1.64451	0.211706	0.449678	2.39936	2.39936	0.0195466	0.468525	-2.13436	0.152581	0.360788	2.77171	1.29532	9.08248	6.23829	1
cg05876918	PIP4K2C;PIP4K2C;PIP4K2C;PIP4K2C	0.362965	0.483209	0.862614	-1.15927	0.844988	0.960216	-1.04143	0.69921	1.0881	1.0881	0.608386	0.305171	-3.27768	0.0779488	0.668041	-1.49691	0.828966	1.04589	1.04589	0.110965	1.43354	1.43354	0.74687	1.06947	1.06947	0.255088	0.781586	-1.27945	1.2953	0.882402	0.607543	1
cg15704358	GIMAP7	0.362967	0.56948	1.29253	1.29253	0.129305	0.7444	1.32776	0.0536859	0.39289	-2.54633	0.945578	1.40257	1.40257	0.887851	0.910312	-1.09889	0.744664	0.867836	1.60278	1.60278	0.113265	1.75902	1.75902	0.285254	1.47609	1.47609	0.0112	0.668159	1.2955	1.87459	1.29158	1
cg09627520	PXK	0.362969	0.221037	2.45941	2.45941	0.838471	0.866942	-1.15348	0.919352	1.07342	1.07342	0.175591	2.73877	2.73877	0.849861	1.14175	1.14175	0.518169	1.58132	1.58132	0.423271	1.77204	1.77204	0.0397727	5.27466	5.27466	0.0986306	1.54975	3.54975	1.29529	10.0386	6.88897	1
cg20922660	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1	0.362997	0.63629	1.08857	1.08857	0.315187	1.20326	1.20326	0.0280373	1.58779	1.58779	0.450424	1.14684	1.14684	0.509565	1.12659	1.12659	0.366993	1.17952	1.17952	0.275307	0.816927	-1.224	0.364838	1.18045	1.18045	0.519057	1.12351	1.12351	1.29528	0.651171	0.446866	1
cg10386303	CAIA3	0.362997	0.560232	1.08138	1.08138	0.750455	0.85738	-1.16644	0.0124755	0.264128	-3.78525	0.0124755	0.264128	-3.78525	0.0124755	0.264128	-3.78525

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ch.17.36292012OCA7		0.663472	0.690047	1.702163	-1.40813	0.424814	0.498118	-2.03756	0.02553392	0.103424	-9.66889	0.631447	0.66149	-1.51174	0.85329	0.853605	-1.1715	0.53033	1.72209	1.72209	0.109457	0.224867	-4.44708	0.748363	0.759409	-1.31681	0.394913	0.474714	-2.10653	1.29405	14.9845	10.293	1
cg13952745	GRID2		0.368189	1.67118	1.67118	0.20395	2.21654	2.21654	0.09096529	3.02042	3.02042	0.400601	1.66603	1.66603	0.617732	1.3481	1.3481		0.701689	0.79574	-1.25669	0.11836	2.73613	2.73613	0.090689	3.02382	3.02382	0.195984	2.2519	2.2519	1.29404	7.22309	4.96161	1
cg13631038	RPS18BP1		0.363475	0.190353	0.764182	-1.30859	0.803461	1.05008	1.05008	0.363055	1.19876	1.19876	0.174591	1.32319	1.32319	0.851062	0.964204	-1.03713		0.0761761	0.682052	-1.46616	0.616286	0.906663	-1.10295	0.461587	0.864718	-1.15645	0.430461	0.855505	-1.1689	1.29404	0.770796	0.529467	1
cg08481119	TMEM87B		0.401302	1.5148	1.5148	0.0499118	2.94765	2.94765	0.133284	2.18992	2.18992	0.39245	0.654734	-1.52734	0.372163	0.642838	-1.5556		0.968024	0.981346	-1.01901	0.65825	0.806381	-1.24011	0.738241	1.17602	1.17602	0.764188	1.15655	1.15655	1.29404	4.78953	3.28998	1
cg09126995	PHC2;PHC2		0.363477	0.0805887	0.354947	-2.81732	0.783136	1.15889	1.15889	0.791899	1.15181	1.15181	0.420732	0.644257	-1.55218	0.153031	0.44136	-2.26573		0.918666	0.946488	-1.05654	0.0778839	0.35092	-2.84965	0.196986	0.482373	-2.07308	0.36382	0.607261	-1.64674	1.29404	5.8548	4.02174	1
cg15935113	CNP		0.361637	0.972539	-1.02824	0.360349	0.860626	-1.16195	0.571637	0.99553	1.00553	0.378933	0.86582	-1.15498	0.150903	0.782157	-1.27852		0.457456	1.12837	1.12837	0.158318	1.27216	1.27216	0.147378	1.28165	1.28165	0.684549	0.936886	-1.06757	1.29403	0.522127	0.358656	1
cg16684661	HEY1;HEY1		0.363478	0.247878	0.64792	-1.5434	0.557735	0.851126	-1.17491	0.950316	0.977863	-1.02264	0.312023	0.686796	-1.45604	0.740437	0.887425	-1.12686		0.653541	0.850178	-1.17622	0.0413406	0.429401	-2.32883	0.0472124	0.442314	-2.26083	0.56518	0.811494	-1.2323	1.29403	0.644299	1.81688	1
cg15982906	C21orf91;C21orf91;C21orf91		0.363481	0.68059	0.887502	-1.1266	0.4895221	0.814994	1.227	0.770631	1.08539	1.08539	0.347888	0.7568	-1.32135	0.903876	0.965756	-1.03545		0.0316853	0.48375	-2.06758	0.0335756	0.396564	-1.06762	0.164976	1.55089	1.55089	0.758767	0.915018	-1.09287	1.29403	1.703666	1.17027	1
cg07862461	SRPX;SRPX;SRPX		0.363480	1.160946	1.26079	-1.43891	0.554871	1.63668	1.63668	0.418909	1.81929	1.81929	0.197371	1.97405	1.02719	0.115778	0.822586	-1.21661		0.742249	0.761681	-1.31289	0.784607	0.79952	-1.25075	0.0721694	0.910102	-1.09882	0.0139405	0.631604	0.675594	-1.48018	1.29401	13.9445	9.5788	1
cg20464580	CYP51A1;CYP51A1		0.363488	0.328558	0.803275	-1.2449	0.433432	1.18963	1.18963	0.642938	1.10673	1.10673	0.310063	1.2563	1.2563	0.509927	1.15627	1.15627		0.545962	1.14196	1.14196	0.0538021	0.621493	-1.60003	0.393708	1.20899	1.20899	0.482691	0.85643	-1.16764	1.29401	0.967075	0.664309	1
cg00183107	INPP4B;INPP4B		0.364937	0.464197	1.20307	-1.20307	0.0499118	1.05175	1.05175	0.0499118	1.24927	1.24649	0.692796	1.24649	1.24649	0.692796	1.24649	1.24649		0.47177	0.907461	-1.10204	0.0413281	0.5969	1.1669	0.439132	1.11029	1.11029	0.0479852	1.34968	1.34968	1.29397	0.860508	0.247711	1
cg15833596	PFKFB2;PFKFB2		0.363507	0.815637	1.05035	1.05035	0.675356	1.09263	1.09263	0.711442	0.924825	-1.08129	0.652063	0.908948	-1.10017	0.100649	1.45969	1.45969		0.124104	1.14942	1.14942	0.289924	0.793975	-1.25989	0.208895	0.756834	-1.32129	0.516958	1.1482	1.1482	1.29396	0.906602	0.622792	1
cg13088844	CCDC138		0.363508	0.0862549	0.555852	-1.76725	0.660203	1.14214	1.14214	0.566394	-1.03585	0.894732	0.961028	-1.04057	0.945629	1.02068	1.02068		0.070565	1.88155	1.88155	0.466184	0.791927	-1.26274	0.353341	1.3323	1.3323	0.480329	1.24053	1.24053	1.29396	1.849371	1.27066	1
cg12630560	HC09		0.363517	0.3485	-1.73528	1.36002	0.0780011	0.535849	-1.8662	0.173955	0.630766	-1.58537	0.4058	0.762647	-1.31122	0.2386	0.674867	-1.48177		0.879542	0.952834	-1.0495	0.213123	1.51849	-1.51849	0.452625	0.783671	-1.27605	0.2750443	0.696423	-1.43591	1.29394	2.08005	1.42892	1
cg03224812	EFCAB8;EFCAB8;EFCAB8		0.363518	0.625067	0.763662	-1.30948	0.841322	1.11599	1.11599	0.257208	0.523428	-1.91048	0.0506192	0.295398	-3.38256	0.114211	0.942646	-1.06084		0.43154	0.644365	-1.55192	0.750914	1.18344	1.18344	0.600854	1.33508	1.33508	0.0719875	0.333027	-3.00276	1.29393	6.14208	4.21941	1
cg11356887	EGFL8		0.363519	0.803557	1.03955	1.03955	0.0499118	1.34422	1.34422	0.0499118	1.93937	1.93937	0.042439	2.549225	1.49313	1.43613	1.34422	1.34422		1.722389	1.11428	1.11428	0.323533	1.36242	1.36242	1.11345	1.6896	1.6896	0.0672559	1.86737	1.86737	1.29393	1.9002	1.30538	1
cg24008957	AGAP1;AGAP1		0.363519	0.272572	0.26361	-3.79348	0.050197	0.0737787	-13.554	0.104961	0.126364	-7.91366	0.755365	1.44038	1.44038	0.406818	0.371301	-2.69323		0.269941	0.261525	-3.82373	0.308109	0.291801	-3.42699	0.302421	0.287281	-3.48091	0.719744	1.52297	1.52297	1.29393	27.9352	19.1906	1
cg18080303	LAMA4;LAMA4;LAMA4;LAMA4;LAMA4		0.363521	0.788901	0.829725	-1.20522	0.0509565	0.212992	-4.69501	0.0475432	0.206709	-4.83772	0.859678	1.13098	1.13098	0.181603	0.850405	-1.17591		0.405078	0.552917	-1.80859	0.298992	0.472946	-2.1144	0.502216	0.62269	-1.60594	0.770482	1.22567	1.22567	1.29393	9.91535	6.81155	1
cg01370014	LHFP;LHFP		0.363523	0.725015	1.12466	1.12466	0.74148	0.895728	-1.11641	0.952496	0.980378	-1.02001	0.604002	0.840258	-1.19011	0.0775254	0.520653	-1.92067		0.040012	0.456169	-2.19217	0.843937	1.06776	1.06776	0.680559	0.871359	-1.14763	0.4093	1.32406	1.32406	1.29392	2.26742	1.55765	1
cg08063864	PPM1F;PPM1K;LOC375190		0.363523	0.433952	0.842034	-1.1878	0.7746278	1.18724	1.18724	0.351041	1.00568	1.00568	0.979004	1.00568	1.00568	0.979004	1.00568	1.00568		0.236171	0.765431	-1.3065	0.219545	0.757276	-1.32052	0.352054	0.813643	-1.22904	0.26152	1.28679	1.28679	1.29392	0.950347	0.652862	1
cg24982697	ATP11A;ATP11A		0.363527	0.216536	0.363545	-2.73646	0.0629859	0.198066	-5.04881	0.030927	0.459974	-2.17404	0.446786	0.548658	-1.82263	0.089488	0.234724	-4.26033		0.549031	0.625043	-1.59897	0.1325	0.266425	0.406552	-2.45971	0.299391	12.2804	8.43639	1
cg06175578	VDAC3;VDAC3		0.363553	0.784752	0.892016	-1.12092	0.6704	1.09077	1.09077	0.729227	1.07123	1.07123	0.864864	1.03116	1.03116	0.861788	1.07097	1.07097		0.703855	1.88155	1.88155	0.466184	0.791927	-1.26274	0.353341	1.3323	1.3323	0.480329	1.24053	1.24053	1.29396	1.849371	1.27066	1
cg23938496	MAML2		0.363536	0.132753	1.44412	1.44412	0.728995	0.924225	-1.08199	0.357988	0.807217	-1.23882	0.0510072	0.604367	-1.65462	0.638265	0.898271	1.11325		0.379291	0.815177	-1.22673	0.764754	1.07036	1.07036	0.927538	1.02082	1.02082	0.530811	1.15471	1.15471	1.29389	1.05187	0.722627	1
cg01269191	KRAS;KRAS		0.363542	0.41336	0.650926	-1.53627	0.0667365	0.348052	-2.87313	0.210305	0.507743	-1.9695	0.472637	1.45507	-1.39357	0.0975367	0.641493	-1.55886		0.25408	0.542554	-1.84113	0.34966	0.610004	-1.63933	0.893302	0.936459	-1.06785	0.286022	1.76628	1.76628	1.29388	5.40185	3.71105	1
cg22047703	BMP7		0.363545	0.527146	1.16857	1.16857	0.114544	0.658821	-1.51786	0.994127	1.00179	1.00179	0.287548	0.764542	-1.30797	0.224249	0.73311	-1.36398		0.365569	0.796103	-1.25612	0.334096	0.784886	-1.27407	0.515086	1.17408	1.17408	0.187898	1.40394	1.40394	1.29387	1.21138	0.832222	1
cg06106126	MTNR1B		0.363547	0.675461	0.787551	-1.26976	0.749773	1.19901	1.19901	0.685142	0.793573	-1.26012	0.810893	0.872874	-1.14564	0.0194086	0.201268	4.96851		0.996612	1.00241	1.00241	0.912678	0.939676	-1.0642	0.996477	1.00251	1.00251	0.113828	0.376898	-2.65324	1.29386	6.59274	4.52924	1
cg02486091	HRAS;HRAS;HRAS		0.363562	0.303642	1.486	1.486	0.394856	1.04554	-1.04554	0.870657	1.01663	-1.17876	0.144786	1.78775	1.3407	1.78775	0.652009	0.849015	0.341341		0.89874	1.04836	1.04836	0.434	1.07036	1.07036	0.927538	1.02082	1.02082	0.530811	1.15471	1.15471	1.29386	0.860508	0.247711	1
cg04482794	TPK8		0.363571	0.792702	1.0605	1.0605	0.533324	1.15109	1.15109	0.0710238	0.637755	-1.5668	0.863851	0.962446	-1.03902	0.455005	0.843907	-1.18496		0.102249	0.6711	-1.49009	0.805806	0.946548	-1.05647	0.197829	1.35469	1.35469	0.0907662	1.00259	1.00259	1.2938	1.01922	0.700245	1
cg22489883	MME;L1		0.363575	0.725087	1.12625	1.12625	0.0226012	2.50764	2.50764	0.244054	1.50741	1.50741	0.778253	0.909317	-1.09973	0.808919	0.921661	-1.085		0.968656	1.01332	1.01332	0.488338	0.788951	-1.26751	0.565703	0.824411	-1.21594	0.769628	0.905847	-1.10394	1.29379	2.32332	1.59622	1
cg19330307	SAP30		0.363577	0.378357	1.14393	1.14393	0.464228	0.905554	-1.10424	0.972624	0.913241	-1.1636	0.162899	0.964203	-1.03712	0.754139	0.908562	-1.10081	0.526206	0.782542	1.04204	1.04204	0.868203	-1.15178	0.465665	0.829577	0.96898	-1.03201	0.600449	1.08184	1.08184	1.29379	0.545419	0.31193	1
cg08441822	UPC		0.363581	0.233687	0.637262	-1.56921	0.0621879	0.468757	-2.1333	0.16705	0.587674	-1.70162	0.954895	0.979795	-1.02062	0.943296	0.500632	-1.99747		0.344494	0.703709	-1.42104	0.228387	0.63367	-1.57811	0.289356	0.672554	-1.48687	0.98382	0.992709	-1.00735	1.29377	2.66849	1.83339	1
cg09794469	TNRC18		0.363587	0.485916	0.8706	-1.14854	0.0509565	0.178354	-5.60834	0.0475432	0.184668	-5.4138	0.856134	0.764652	-1.30788	0.644888	0.852079	-1.17325		0.303193	1.21112	1.21112	0.132705	0.688369	1.44038	0.406818	0.371301	-2.69323	0.257952	1.38487	1.38487	1.29375	1.02485	0.704186	1
cg27100916	USP44		0.36359	0.328811	0.725627	-1.37812	0.0363204	0.460968	-2.16935	0.144039	0.606869	-1.6478	0.885316	1.047	1.047	0.274887	0.696631	-1.43548		0.301117	0.711104	-1.40626	0.424359	0.771339	-1.29645	0.882584	0.95406	-1.04815	0.55011	1.21216	1.21216	1.29376	2.07488	1.42556	1
cg05527752	EBF3		0.363593	0.218122	1.79986	1.79986	0.359628	1.48389	1.48389	0.999735	1.00015	1.00015	0.22711	1.77761	1.77761	0.771361	1.14133	1.14133		0.102941	2.24647	2.24647	0.385731	1.49692	1.49692	0.0696118	2.5109	2.5109	0.0838751	2.34371	2.34371	1.29375	4.21714	2.89745	1
cg22676003	CDH2		0.363607	0.278244	1.19016	1.19016	0.0499118	0.968587	-1.03243	0.763599	0.70328	0.70328	0.0209027	1.49143	1.49143	0.88972	0.98082	-1.02001		0.201926	1.56371	1.56371	0.0499118	1.79453	1.79453	0.186682	0.779478	-1.28291	0.561462	0.876158	-1.14135	0.940426	0.983311	-0.01667	0.9272	0.73983	1
cg16328319	FABP9		0.363608	0.976679	1.00623	1.00623	0.476495	1.16632	1.16632	0.655244	0.908908	-1.10022	0.130227	0.706546	-1.41534	0.377203	0.824828	-1.21237		0.974046	0.99311	-1.00694	0.0548861	1.58838	1.58838	0.349484	1.22714	1.22714	0.934546	1.01761	1.01761	1.29371	0.925501	0.635897	1
cg13013381	GABRR1;GABBR1		0.363612	0.41336	0.650926	-1.53627	0.0667365	0.348052	-2.87313	0.210305	0.507743	-1.9695	0.472637	1.45507	-1.39357	0.0975367	0.641493	-1.55886		0.25408	0.542554	-1.84113	0.34966	0.610004	-1.63933	0.893302	0.936459	-1.06785	0.286022	1.76628	1.76628	1.29388	5.40185	3.71105	1
cg15015996	ARHGEF16		0.363619	0.193227	0.470806	-2.12402	0.9378	0.955551	-1.04652	0.968779	0.978814	-1.02164	0.240401	0.510433	-1.95912	0.664889	0.821661	-1.2168		0.453106	0.658254	-1.51917	0.0972295	0.369427	-2.70689	0.167103	0.44672	-2.23854	0.195066	0.472435	-2.11669	1.29368	6.13332	4.2142	1
cg13388191	PRDM16;PRDM16		0.363626	0.112366	0.622081	-1.60751	0.1431317	0.649112	-1.54057	0.858799	0.952254	-1.05014	0.807842	1.0692	1.0692	0.0733837	0.577959	-1.73023		0.725736	0.90781	-1.10155	0.762206	0.920039	-1.08691	0.104213	0.61398	-1.62872	0.292733	0.740099	-1.34953	1.29367	1.54515	1.06168	1
cg18490316	SKI		0.363634	0.148818	0.6996	-1.42953	0.0509565	0.178354	-5.60834	0.0475432	0.184668	-5.4138	0.856134	0.764652	-1.30788	0.644888	0.852079	-1.17325		0.303193	1.21113	1.21113	0.132705	0.688369	1.44038	0.406818	0.371301	-2.69323	0.257952	1.38487	1.38487	1.29375	1.02485	0.704186	1
cg19855744	WDR26;WDR26		0.363639	0.673684	1.19918	1.19918	0.165985	1.88452	1.88452	0.912764	1.04812	1.04812	0.657924	1.21059	1.21059	0.253829	0.586973	-1.70366		0.623688	0.808907	-1.23624	0.616292	0.806698	-1.23962	0.551372	1.24037	1.24037	0.0431025	0.708449	-1.41153	1.29364	3.76819	2.58922	1
cg22032027	ZNF217		0.363645	0.338668	0.781284	-1.27982	0.0509565	0.211393	-4.73133	0.0475432	0.0945348	-10.5754	0.824112	0.945387	-1.05783	0.284112	0.672401	-1.48784		0.508536	1.1681	1.1681	0.0499118	1.15288	1.15288	0.0727478	0.750402	0.925383	-1.08059	0.0499118	-1.15288	0.0727478	0.750402	0.925383	1.08059	0.0499118

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26949087	HADHB;HADHA;HADHA	0.364093	0.84722	1.03322	0.11422	1.114528	0.13753	1.153055	0.11961	1.11961	0.403336	1.15592	1.15592	0.976	1.00511	1.00511	0.828319	0.963871	-1.03748	0.9503632	0.685272	-1.45928	0.496485	0.889596	-1.12411	0.649387	1.08064	1.08064	1.29252	0.587683	0.404162	1
cg15324756	COL4A2	0.364097	0.886704	0.949027	-1.05371	0.6654537	2.13576	2.13576	0.463742	1.31481	1.31481	0.305908	0.677707	-1.47556	0.795856	1.09982	1.09982	0.316473	1.46238	1.46238	0.463978	0.761646	-1.31295	0.408581	1.36369	1.36369	0.131606	1.81726	1.81726	1.29251	2.75698	1.88604	1
cg10440196	TRAPPC9;TRAPPC9	0.364102	0.907066	1.02867	1.02867	0.0762719	1.61196	1.61196	0.0691104	1.63614	1.63614	0.565214	1.15112	1.15112	1.144779	1.46102	1.46102	0.778819	1.07054	1.07054	1.478006	1.1908	1.1908	0.980381	1.00597	1.00597	0.408044	0.814765	-1.22735	1.2925	1.19956	0.824969	1
cg13913624	USP47	0.364109	0.603654	0.843516	-1.18551	0.757484	1.10588	1.10588	0.42802	0.788794	-1.30074	0.351696	0.732399	-1.36538	0.343048	0.728203	-1.37356	0.351082	1.98545	1.98545	0.437379	1.29359	1.29359	0.29248	2.1613	1.48641	1
cg04282422	PAGE1;PAGE1	0.364112	0.545665	1.19157	1.19157	0.97772	1.08004	1.08004	0.970814	0.571899	-1.74856	0.145462	1.56518	1.56518	0.461294	0.788391	-1.26841	0.280096	1.3796	1.3796	0.515781	1.20787	1.20787	0.979848	0.922844	-1.08361	0.396522	0.779709	-1.28253	1.29247	1.68141	1.15638	1
cg17353896	IDH1	0.364112	0.337736	1.4026	1.4026	0.3728558	1.36778	1.36778	0.463813	0.77471	-1.29081	0.296105	1.44902	1.44902	0.449277	1.30207	1.30207	0.610244	1.19243	1.19243	0.29165	1.45438	1.45438	0.052673	2.12572	2.12572	0.08559991	1.91649	1.91649	1.29247	2.39903	1.64992	1
cg02246800	JPH3	0.364112	0.390881	0.54617	-1.83093	0.5068395	1.58923	1.58923	0.584522	1.4621	1.4621	0.43611	1.72736	1.72736	0.144141	0.339783	-2.94305	0.652131	0.731836	-1.36643	0.0553336	0.2243196	-4.45641	0.388375	0.544336	-1.8371	0.382161	0.539776	-1.85262	1.29247	0.68833	0.66308	1
cg21642940	PPDPF	0.364112	0.248432	0.518874	-1.87151	0.312689	1.72155	1.72155	0.264241	1.629	1.629	0.745143	1.5849	1.5849	0.269993	0.550184	-1.81754	0.660196	0.454638	1.51513	0.905361	1.0042793	-1.06068	0.940904	0.962753	-1.52046	0.749251	1.18153	1.18153	1.29247	1.53874	1.30924	1
cg10177207	SPEG	0.364118	0.728894	1.13472	1.13472	0.291186	1.48732	1.48732	0.629544	0.838156	-1.1931	0.868134	1.06222	1.06222	0.339015	0.69909	-1.43043	0.94475	1.02549	1.02549	0.0798402	1.4307	1.4307	0.0202616	0.0683632	0.47637	-2.09921	0.811283	1.09077	1.09077	1.29246	2.70382	1.85749	1
cg26005146	NUP205	0.364122	0.706038	1.25865	1.25865	0.534881	0.682814	-1.46453	0.472083	1.559	1.559	?	?	?	0.50573	1.50673	1.50673	0.0817969	0.310113	-3.22463	0.489686	1.53114	1.53114	0.295128	1.93312	1.93312	0.167794	2.4412	2.4412	1.28891	6.68746	5.18845	1
cg11462115	ZFP36L2;LOC100129726	0.364124	0.299046	1.15761	1.15761	0.1934412	1.51983	1.51983	0.10499	2.0568545	0.3162159	-3.16237	0.123179	8.409867	1.43982	0.703155	1.42208	0.5764002	1.74155	1.74155	0.149287	1.45746	1.45746	0.159927	1.45746	1.45746	0.159927	1.83387	1.83387	1.29247	4.01562	3.10768	1
cg11170896	SDK1;SDK1	0.364126	0.088642	0.251326	-3.9789	0.460732	1.73703	1.73703	0.580822	1.50694	1.50694	0.737202	0.780651	-1.28098	0.202353	0.371693	-2.69039	0.481512	1.590936	-1.69223	0.100138	0.3604112	-2.7746	0.101065	0.2670556	-3.74453	0.531481	0.627477	-1.59368	1.29244	11.0663	7.61094	1
cg16827289	C12orf41;C1orf124;C1orf124;EXOC8;C1orf124;C1	0.364134	0.692944	0.842047	-1.18758	0.515856	1.33029	1.33029	0.216302	1.75706	1.75706	0.788206	1.12372	1.12372	0.538069	0.65194	-1.53388	0.781321	1.12812	1.12812	0.0232324	0.3376666	-2.96615	0.720724	1.16825	1.16825	0.823293	1.10174	1.10174	1.29242	3.84112	2.64181	1
cg09797031	orf124	0.364144	0.0797148	0.72581	-1.37777	0.606423	0.917928	-1.08941	0.520768	1.11323	1.11323	0.417974	1.14613	1.14613	0.441774	0.770805	-1.29735	0.228291	0.811902	1.23168	0.534199	0.900459	-1.10931	0.766843	1.05022	1.05022	0.41091	1.14862	1.14862	1.29239	0.555825	0.382288	1
cg01188194	CDC42BPB	0.364155	0.751288	1.25612	1.25612	0.370871	0.358383	-2.79031	0.289895	0.6482837	0.462835	-2.16067	0.147831	3.044977	0.02113	1.42944	1.42944	0.842604	1.807197	-1.15314	0.908091	1.085767	1.08576	0.112772	1.45695	1.45695	0.250045	2.197872	2.197872	1.29238	11.5267	7.24017	1
cg18082112	C3orf70	0.364156	0.0188685	0.319913	-3.12585	0.907401	0.954453	-1.04772	0.641515	0.828707	-1.2067	0.802287	1.10576	1.10576	0.706132	1.16391	1.16391	0.971944	0.986006	-1.01419	0.622944	0.81989	-1.21968	0.956113	0.978189	-1.0223	0.267959	1.58786	1.58786	1.29237	3.28659	2.26052	1
cg01352541	PITPNB;LOC284900;LOC284900	0.36416	0.479552	1.32473	1.10473	0.232751	1.19278	1.19278	0.23986	0.8431027	-1.18595	0.350484	1.14244	1.14244	0.318924	1.15343	1.15343	0.864303	0.976575	-1.02399	0.155111	0.8089904	-1.23579	0.165419	1.22754	1.22754	0.943269	0.990186	-1.00991	1.29236	0.991044	0.270938	1
cg12904298	TTYH3	0.364161	0.230986	0.787222	-1.27029	0.636071	0.913237	-1.09501	0.468197	0.868891	-1.15089	0.0998214	1.49722	1.49722	0.914853	0.979842	-1.02057	0.358409	1.13586	1.13586	0.771301	0.9460116	-1.05706	0.0986693	0.708573	-1.41169	0.583054	0.899825	-1.11133	1.29235	0.742048	0.510385	1
cg04833210	RBM19;RBM19;RBM19	0.364167	0.2664493	0.827925	-1.20784	0.418977	1.14418	1.14418	0.347195	0.853955	-1.17102	0.5216	0.89947	-1.11177	0.326203	0.847612	-1.17978	0.999928	1.00001	1.00001	0.0481745	1.44529	1.44529	0.647976	0.927765	-1.07786	0.60485	0.918386	-1.08887	1.29234	0.544495	0.374511	1
cg00863997	KIAA0895L	0.364176	0.765823	0.855543	-1.16985	0.4449312	0.659394	-1.51654	0.806018	0.879401	-1.13714	0.316596	1.58228	1.58228	1.217139	0.542342	1.38009	1.38009	0.926315	1.049337	-1.04937	0.9156179	0.22158	-4.7041	0.736146	0.838069	-1.19322	0.5054	0.702579	-1.42333	1.29232	5.58431	3.84103	1
cg01565912	GLYR1;UBN1	0.364184	0.152293	1.20584	1.20584	0.240521	0.860714	-1.16183	0.774321	0.03571	-1.03571	0.048315	1.08974	1.08974	0.525031	1.08179	1.08179	0.481081	0.916293	-1.09135	0.0691959	0.7802231	-1.28167	0.576056	1.07139	1.07139	0.881413	0.981944	-1.01839	1.2923	0.304954	0.209759	1
cg19969631	TUSC3;TUSC3	0.364185	0.304191	0.806564	-1.24004	0.24934	1.28317	1.28317	0.2	1.27214	1.27214	0.215486	1.26204	1.26204	0.112255	0.894719	-1.11788	0.728706	1.08496	1.08496	0.0822509	0.6922016	-1.44482	0.404748	0.84244	-1.18703	0.351238	1.22139	1.22139	1.29229	0.980983	0.616183	1
cg09233782	PDE4C	0.364187	0.523154	0.857225	-1.16656	0.481729	1.18559	1.18559	0.930929	1.02085	1.02085	0.866956	1.04072	1.04072	0.796686	1.06339	1.06339	0.0185121	1.97388	1.97388	0.716023	1.09087	1.09087	0.738577	1.083	1.083	0.169744	1.4165	1.4165	1.29229	2.16002	0.797912	1
cg01625126	WASH3P	0.364188	0.810046	1.0536	-1.0536	0.977243	1.0062	1.0062	0.847466	1.04264	1.04264	0.534689	1.14607	1.14607	0.156231	0.719722	-1.38943	0.709419	0.922042	-1.08455	0.0719717	1.54577	1.54577	0.135583	1.41734	1.41734	0.308196	1.25697	1.25697	1.29229	0.962205	0.661907	1
cg11129343	TAOK1	0.364189	0.502343	0.691737	-1.44652	0.7724	1.36162	1.36162	0.10477	2.126342	1.3087	1.3087	0.270893	1.204993	0.798767	1.14645	1.14645	0.618267	1.185017	1.185017	0.0425141	1.68314	1.68314	0.0891449	1.1092	1.1092	0.383321	1.15653	1.15653	1.29228	0.854626	0.672553	1
cg16998150	C1orf114 CDK11B;CDK11B;CDK11B;CDK11B;CDK1	0.36419	0.279065	1.265117	1.26517	0.895005	0.972782	-1.02798	0.452984	0.852333	-1.17325	0.46457	0.855933	-1.16832	0.963512	1.00961	1.00961	0.997161	1.00074	1.00074	0.0237777	0.5689621	-1.75759	0.29679	0.797656	-1.25367	0.699001	0.922005	-1.08459	1.29228	0.893972	0.614914	1
cg20155988	1BCDK11B	0.364203	0.0529397	0.590191	-1.69437	0.819558	0.946827	-1.0561	?	?	?	?	0.140019	0.684323	-1.4613	0.465541	-1.19414	1.19414	0.653418	0.897647	-1.11402	0.37118	0.803026	-1.24529	0.199475	0.723353	-1.38245	0.947091	0.98427	-1.01598	1.28871	1.03547	0.803496	1
cg23481825	HLA-H	0.364221	0.42613	1.21471	1.21471	0.348691	1.25977	1.25977	0.084899	1.57781	1.57781	0.790102	1.09388	1.09388	0.310189	1.28576	1.28576	0.990207	0.997057	-1.00294	0.0892476	1.56602	1.56602	0.223405	0.736245	-1.35824	0.491846	1.18188	1.18188	1.29223	1.17253	0.806547	1
cg19731529	MOBKL2A	0.364222	0.474303	1.09472	-1.2393	0.6747982	1.78584	1.78584	0.0534033	2.143241	1.66346	0.597541	1.85584	1.85584	0.0532154	2.14293	2.14293	0.813398	0.932536	-1.07243	0.6194852	1.42293	1.42293	0.0108552	2.14025	2.14025	0.0108552	1.74718	1.74718	1.29223	4.70104	3.20186	1
cg24126759	NGFRAP1;NGFRAP1;NGFRAP1	0.364228	0.184427	0.476603	-2.09818	0.718687	0.826618	-1.20975	0.480861	0.685851	-1.45804	0.0624131	0.31622	3.016622	0.35595	0.60664	-1.64842	0.168792	0.462172	-2.1637	0.726934	1.202627	1.20262	0.822568	0.888494	-1.1255	0.816837	0.885036	-1.1299	1.29219	5.67079	3.9009	1
cg05786609	THBS2	0.364238	0.542518	1.08301	1.08301	0.244934	0.352186	1.58346	0.840495	0.833279	-1.18792	0.73532	1.36488	1.36488	0.137111	1.70284	1.70284	0.587572	1.02063	1.02063	0.0242582	0.5401	1.4603	1.4603	0.60911	0.920746	-1.08608	0.89442	1.13048	1.13048	1.29219	1.53862	1.08462	1
cg03685556	FBXL1	0.364232	0.0712672	0.430392	-2.32347	0.967833	1.01702	1.01702	0.875605	0.936548	-1.06775	0.185743	0.555914	-1.79884	0.6646571	0.419609	-2.38317	0.358994	0.673893	-1.48391	0.202955	0.569831	-1.75491	0.231013	0.591105	-1.69175	0.378881	0.685385	-1.45903	1.29218	3.58361	2.46516	1
cg00434461	FLJ42709;FLJ42709;FLJ42709	0.364233	0.759294	1.17694	1.17694	0.555529	0.747622	-1.33757	0.257055	0.56157	-1.78072	0.386774	0.648707	-1.54153	0.183331	1.98933	1.98933	0.590443	1.30348	1.30348	0.0674784	2.70174	2.70174	0.350781	1.59755	1.59755	0.525662	1.36849	1.36849	1.29218	4.86986	3.34998	1
cg16130315	APC;APC;APC	0.364249	?	?	?	?	2.24728	2.24728	?	?	?	?	0.614416	0.709626	-1.40919	0.246899	-2.27546	?	?	?	?	?	?	?	0.9139472	0.9139472	0.0926206	0.9139472	0.9139472	1.29218	2.6338	1.50858	1
cg17275074	TRPC7;TRPC7;TRPC7	0.364251	0.173131	0.661619	-1.51144	0.4748312	1.2301	1.2301	0.49177	0.819567	-1.22016	0.327711	0.770451	-1.29794	0.0528696	0.534176	-1.87204	0.339208	0.755246	-1.32407	0.269835	0.720775	-1.3874	0.620267	1.15295	1.15295	0.606328	1.15966	1.15966	1.29213	1.66176	1.14317	1
cg26502249	EPHA2	0.364255	0.0442094	0.768844	-1.30048	0.4554	1.1676	1.1676	0.183739	0.63779	-1.56765	0.402911	0.761824	-1.31264	0.0625474	0.529993	-1.88671	0.753433	1.10533	1.10533	0.0949285	1.3633329	1.35441	0.739264	0.697775	-1.43301	0.0585884	0.518464	-1.92917	1.29213	0.658584	0.511861	1
cg27297033	NOXO1;NOXO1;NOXO1;NOXO1	0.364253	0.98882	0.995031	-1.00499	0.433383	1.3287	1.3287	0.205454	0.621961	-1.60782	0.92775	0.968273	-1.03277	0.821481	1.65363	1.65363	0.232322	1.56093	1.56093	0.0150078	2.20374	2.20374	0.689433	1.1535	1.1535	0.796552	1.0962	1.0962	1.29213	2.58626	1.77916	1
cg21305471	ZNF671	0.364254	0.745627	0.846241	-1.1817	0.6646911	1.25066	1.25066	0.377719	1.50076	1.50076	0.102879	0.400433	-2.4973	0.0838054	0.374799	-2.66809	0.690179	1.22814	1.22814	0.300956	0.577121	-1.73274	0.462277	1.46785	1.46785	0.620744	1.29151	1.29151	1.29212	5.38324	3.70328	1
cg17469969	LMTK2	0.364266	0.192961	0.740467	-1.35044	0.2838344	0.804008	-1.24354	0.557587	0.74	-1.35135	0.184179	0.63779	-1.56765	0.402911	0.761824	-1.31264	0.753433	1.10533	1.10533	0.0949285	1.3633329	1.35441	0.739264	0.697775	-1.43301	0.0585884	0.518464	-1.92917	1.29213	0.658584	0.511861	1
cg27297033	NOXO1;NOXO1;NOXO1;NOXO1	0.364253	0.98882	0.995031	-1.00499	0.433383	1.3287	1.3287	0.205454	0.621961	-1.60782	0.92775	0.968273	-1.03277	0.821481	1.65363	1.65363	0.232322	1.56093	1.56093	0.0150078	2.20374	2.20374	0.689433	1.1535	1.1535	0.796552	1.0962	1.0962	1.29213	2.58626	1.77916	1
cg21305471	ZNF671	0.364254	0.745627	0.846241	-1.1817	0.6646911	1.25066	1.25066	0.377719	1.50076	1.50076	0.102879	0.400433	-2.4973	0.0838054	0.374799	-2.66809	0.690179	1.22814	1.22814	0.300956	0.577121	-1.73274	0.462277	1.46785	1.46785	0.620744	1.29151	1.29151	1.29212	5.38324	3.70328	1
cg17469969	LMTK2	0.364266	0.192961	0.740467	-1.35044	0.2838344	0.804008	-1.24354	0.557587	0.74	-1.35135	0.184179	0.63779	-1.56765	0.402911	0.761824	-1.31264	0.753433	1.10533	1.10533	0.0949285	1.3633329	1.35441	0.739264	0.697775	-1.43301	0.0585884	0.518464	-1.92917	1.29213	0.658584	0.511861	1
cg17468459	TGFBR3	0.364276	0.49823	0.523626	-1.90976	0.164099	0.04327	0.04327	0.293731	2.78914	2.78914	0.672287	0.67008	-1.49236	0.160877	0.244326	-2.09289	0.977271	0.973540	-1.02717	0.626883	1.58603	1.58603	0.155197	0.238998	-4.18414	0.280077	0.347651	-2.87645	1.29207	18.1185	12.4648	1
cg21663380	PTK7;PTK7;PTK7;PTK7	0.364278	0.404274	1.34794	1.34794	0.163463	1.72372	1.72372	0.354798	0.722455	-1.38499	0.0933936	0.633616	-1.57853	0.0993592	0.533916	-1.87284	0.980662	1.00841	1.00841	0.0240107	1.334777	1.33477	0.0155222	1.88994	1.88994	0.0763057	1.31054	1.31054	0.467445	1.772112	0.2955155	0.166742	1
cg25789221	ATP2B2;ATP2B2	0.364285	0.602349	0.854302	-1.17055	0.157858	1.572	1.572	0.232398	0.687185	-1.45521	0.118887	0.60227	-1.66039	0.701083	0.890385	-1.12248	0.773559	0.91721	-1.09026	0.91577	0.968805	-1.0322	0.137367	1.64499	1.64499	0.679474	1.8827972	-1.13254	1.29205	1.83629	1.26331	1
cg17469969	LMTK2	0.364266	0.192961	0.740467	-1.35044	0.2838344	0.804008	-1.24354	0.557587	0.74	-1.35135	0.184179	0.63779	-1.56765	0.402911	0.761824	-1.31264	0.753433	1.10533	1.10533	0.0949285	1.3633329	1.35441	0.739264	0.697775	-1.43301	0.0585884	0.518464	-1.92917	1.29213	0.658584	0.511861	1
cg17468459	TGFBR3	0.364276	0.49823	0.523626	-1.90976	0.164099	0.04327	0.04327	0.293731	2.78914	2.78914	0.672287	0.67008	-1.49236	0.160877	0.244326	-2.09289	0.977271	0.973540	-1.02717	0.626883	1.58603	1.58603	0.155197	0.238998	-4.18414	0.280077	0.347651	-2.87645	1.29207	18.1185	12.4648	1
cg21663380	PTK7;PTK7;PTK7;PTK7	0.364278	0.404274	1.34794	1.34794	0.163463	1.72372	1.72372	0.354798	0.722455	-1.38499	0.0933936	0.633616	-1.57853	0.0993592	0.533916	-1.87284	0.980662	1.00841	1.00841	0.0240107	1.334777	1.33477	0.0155222	1.88994	1.88994	0.0763057	1.31054	1.31054	0.467445	1.772112	0.2955155	0.166742	1
cg25789221	ATP2B2;ATP2B2	0.364285	0.602349	0.854302	-1.17055	0.157858	1.572	1.572	0.232398	0.687185	-1.45521	0.118887	0.60227	-1.66039	0.701083	0.890385	-1.12248	0.773559	0.91721	-1.09026	0.91577	0.968805	-1.0322	0.137367	1.64499	1.64499	0.679474	1.8827972	-1.13254	1.29205	1.83629	1.26331	1
cg27469969	LMTK2	0.364266	0.192961	0.740467	-1.35044	0.2838344	0.804008	-1.24354	0.557587	0.74	-1.35135	0.184179	0.63779	-1.56765	0.402911	0.761824	-1.31264	0.753433	1.10533	1.10533	0.0949285	1.3633329	1.35441	0.739264	0.697775	-1.43301	0.0585884	0.518464	-1.92917	1.29213	0.658584	0.511861	1
cg17468459	TGFBR3	0.364276	0.49823	0.523626	-1.90976	0.164099	0.04327	0.04327	0.293731	2.78914	2.78914	0.672287	0.67008	-1.49236	0.160877	0.244326	-2.09289	0.977271	0.973540	-1.02717	0.626883	1.58603	1.58603	0.155197	0.238998	-4.18414	0.280077	0.347651	-2.87645	1.29207	18.1185	12.4648	1
cg25789221	ATP2B2;ATP2B2	0.364285	0.602349	0.854302	-1.17055	0.157858	1.572	1.572	0.232398	0.687185	-1.45521	0.118887	0.60227	-1.66039	0.701083	0.890385	-1.12248	0.773559	0.91721	-1.09026	0.91577	0.968805	-1.0322	0.137367	1.64499	1.64499	0.679474	1.8827972	-1.13254	1.29205	1.83629	1.26331	1
cg07080653	LNX1;LNX1	0.364286	0.204161	0.828705	-1.51512	0.4149863	0.614803	-1.94249	0.587512	0.598643	-1.67548	0.256247	0.327357	-3.05477	0.0208607	0.689708	-1.45147	0.626209	1.58811	1.58811	0.146888	0.581248	-1.72044	0.314497	0.929149	-1.07595	0.249219	0.32147	-3.11071	1.29205	0.61704	0.52497	1
cg12585806	GNAL	0.364289	0.619316	0.923571	-1.08065	0.308862	1.19497	1.19497	0.31892	0.83549	-1.19704	0.0958364	0.570384	-1.75358	0.0758364	0.704132	-1.42019	0.328327	0.836005	-1.19617	0.0992895	0.6094132	-1.64102	0.0984	0.729895	1.02419	0.97649	1.02419	1.29204	0.644956	0.473703	1
cg26985142	ZFAT	0.364291	0.208752	0.438463	-2.2807	0.370559	0.564334	-1.772	0.981284	1.0147	1.0147	0.187177	0.419018	-2.38653	0.663869	0.761806	-1.31267	0.699413	0.785524	-1.27304	0.0949902	0.3193155	-3.13171	0.240441	2.14836	2.14836	0.338399	1.84784	1.84784	1.29203	7.92193	5.4501	1
cg20941110	BNC1	0.364291	0.389224	0.833976	-1.19963	0.479314	0.707482	1.41436	0.388142	1.52882	1.52882	0.578801	0.790405	-1.26509	0.0147315	0.634196	-1.57702	0.326564	1.45391	1.45391	0.0666125	1.70583	1.70583	0.0536729	1.44	1.44	0.0536729	2.8708	2.8708	1.29203	4.63873	3.25996	1
cg23152667	TBCA	0.364294	0.77241	1.09035	1.09035	0.114667	0.599453	-1.66819	0.152631	0.633217	-1.57924	0.83639	1.06362	1.06362	0.232563	1.45266	1.45266	0.275407	1.40277	1.40277	0.300637	1.37701	1.37701	0.547242	0.83387	-1.19923	0.835049	1.06417	1.06417	1.29203	1.82054	1.25249	1
cg26161984	CDO2	0.364295	0.832125	0.972709	-1.02793	0.733231	1.04459	1.04459	0.751806	1.04129	1.04129	0.683511	0.949072	-1.05366	0.135794	1.22679	1.22679	0.657637	1.04129	1.04129	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg03448023	TERF1		0.364694	1.00292	0.00092	1.00092	0.0533292	0.95328	0.224669	2.22469	0.302718	1.47537	1.47537	0.915771	1.03929	1.03929	0.4229988	0.742204	1.34734	0.7737013	0.884461	-1.13063	0.2956041	1.48396	1.48396	0.2041185	1.48639	1.48639	0.125906	1.82807	1.82807	1.29104	2.7134	1.86819	1
cg02126638	MAP2LR8;C1RRC57;HAUS2		0.364696	0.0997962	0.71264	-1.40323	0.904782	1.02273	1.022273	1.02273	0.6844556	1.07977	1.07977	0.220608	0.785145	-1.27365	0.7496266	1.06208	1.06208	0.3612249	1.19278	1.19278	0.290521	0.8138801	-1.2288	0.243607	0.795201	-1.25754	0.258911	1.24763	1.24763	1.29104	0.7213934	0.4966683	1
cg16617543	GRAMD4		0.364697	0.3148893	0.834624	-1.19814	0.589346	0.909556	-1.09943	0.186931	0.7840411	-1.27549	0.2145225	1.25521	1.25521	0.620906	0.916935	-1.09059	1.28393	0.8230956	-1.21366	0.108367	1.35618	1.35618	0.910716	1.0197	1.0197	0.503924	0.8887191	-1.12521	1.29104	0.6186827	0.4259571	1
cg20763822	CACNA1H;CACNA1H		0.364698	0.68403	1.25383	1.25383	0.0234519	0.465579	0.465579	0.0969949	2.7379	2.7379	0.4491933	1.53161	1.53161	0.762178	1.18268	1.18268	1.18268	0.3652187	1.67248	1.67248	0.582116	1.35966	1.35966	0.277142	1.8679	1.8679	0.322272	1.75985	1.75985	1.29104	6.24845	4.30211	1
cg09147586	PANX2;PANX2;PANX2		0.364701	0.6158413	1.1731	1.1731	0.547609	0.825288	-1.2117	0.9042119	1.03872	1.03872	0.3581135	1.35456	1.35456	0.964418	1.01418	1.01418	1.01418	0.0318824	0.452331	-2.21126	0.226073	1.4935	1.4935	0.93974	1.02414	1.02414	0.564309	0.832023	-1.20189	1.29103	2.03601	1.40181	1
cg08085639	ADAMTS5		0.364707	0.5159732	0.643794	-1.55329	0.767266	0.8185504	-1.22174	0.9075303	1.08159	1.08159	0.6988344	0.760324	1.31595	0.0312375	0.1836654	-5.50497	0.690885	0.767283	-1.3033	0.164245	1.36732	-2.72242	0.094072	2.288677	-3.46408	0.335372	0.511551	1.955	1.29101	0.9311	0.410891	1
cg20053981	HNRNPH3;HNRNPH3;PBLD;PBLD		0.364708	0.7578266	1.04921	1.04921	0.692309	0.940096	-1.06372	0.4931233	0.897539	-1.11416	0.8995227	1.01981	1.01981	0.0242712	1.51752	1.51752	1.51752	0.3180034	0.851896	-1.17385	0.548402	0.9009933	-1.09891	0.61903	1.08096	1.08096	0.6695621	0.935494	-1.06895	1.29101	0.4931196	0.3395676	1
cg00439198	EHBP1;EHBP1		0.364711	0.445417	1.1949	1.1949	0.132654	0.689754	-1.44979	0.8318866	1.05391	1.05391	0.199961	1.36334	1.36334	0.328962	0.794029	-1.2594	0.67884	0.909092	1.1	0.080472	0.6445583	-1.55864	0.783167	1.06518	1.06518	0.912672	0.9752	-1.02543	1.291	1.07141	0.73769	1
cg25857475	DPCR1		0.364712	0.619277	1.17382	1.17382	0.0514422	0.491902	-2.03292	0.40656	0.762112	-1.31214	0.905076	1.05891	1.05891	0.16094	1.25105	-1.23449	1.03955	0.730238	1.36981	0.143061	1.65464	0.448228	0.780914	-1.28055	0.629578	0.855989	1.16824	1.29098	1.209313	0.4412	1
cg14768270	ZNF616		0.364713	0.08485	0.102957	-9.71279	0.167991	5.71266	5.71266	0.659077	1.68529	1.68529	0.548401	2.04316	2.04316	7	7	7	7	0.941252	0.91708	-1.09042	0.961492	1.05834	1.05834	0.28148	3.75217	3.75217	1.31167	21.8159	16.6322	1
cg08946989	TBC1D7;TBC1D7;TBC1D7;TBC1D7		0.364733	0.7557490	1.09661	1.09661	0.7425127	0.886	-1.12331	0.2351127	1.44449	1.44449	0.6960301	1.44449	1.44449	0.0875616	0.5727217	-1.74606	0.2523996	1.42381	1.42381	0.146889	0.63141	-1.58403	0.305409	0.755587	-1.32305	0.800224	0.927722	-1.0779	1.29095	1.78581	1.22963	1
cg02518546	AFF3;AFF3		0.364734	0.2119556	0.302627	-3.30439	0.200241	2.0923	-3.42114	0.754614	1.3298	1.3298	0.517212	0.550508	-1.8165	0.105261	0.2000096	-4.9976	0.3545359	0.420556	-2.3778	0.0691143	0.157423	-6.35293	0.123168	0.2191114	-4.56639	0.525109	0.556881	-1.79571	1.29095	16.8956	11.6336	1
cg23499709	ZNF462B;ZNF462B;ZNF468		0.364739	0.7643668	0.931584	-1.07353	0.8369592	0.6403093	-1.56176	0.6640862	0.9603242	1.03712	0.0987313	0.572656	-1.74625	0.7278982	1.08475	1.08475	1.08475	0.159925	0.3027894	3.30124	0.144311	0.643166	0.8900941	-1.11976	0.8948995	0.931577	-1.07315	1.29093	1.108805	0.7635778	1
cg21634365	GAUI1		0.364744	0.2377633	1.18554	1.30154	0.373189	1.00719	1.00719	0.2504453	1.26165	1.26165	0.3585539	0.8177751	-1.22287	0.685046	1.09078	1.09078	1.09078	0.18717	0.7423357	-1.34706	0.084399	0.65577	-1.52022	0.657386	0.90926	-1.0998	0.734543	1.07529	1.07529	1.29093	0.92849	0.639325	1
cg09545880	SAP30L;SAP30L;SAP30L;SAP30L		0.364742	0.219188	0.83834	-1.19283	0.3723119	1.11314	1.13314	0.256711	1.17533	1.17533	0.96216	1.00127	1.00127	0.253722	0.8498886	-1.17663	0.1685041	0.818534	-1.2217	0.739333	1.04662	1.04662	0.569874	1.08152	1.08152	0.191845	1.2074	1.20749	1.29093	0.5807733	0.26216	1
cg17364949	AMACL1;ZBTB4;ZBTB4		0.364743	0.8934328	1.07233	1.07233	0.124369	0.42426	-2.37948	0.1402669	0.437519	-2.28561	0.43698	1.51153	1.51153	0.505967	0.7035514	-1.42135	0.5139905	0.723783	-1.3813	0.164245	0.9670932	-1.03411	0.9439882	0.6023369	-1.66011	0.8886113	0.929589	-1.07574	1.29092	1.54972	1.82136	1
cg12848182	LOC145814;LOC145814		0.364745	0.1093321	0.773817	-1.29229	0.0818725	1.43988	1.43988	0.316654	0.8222224	-1.21621	0.508648	0.8809262	-1.13517	0.2794511	0.80847	-1.2369	0.3184074	1.21516	1.21516	0.887858	1.02704	1.02704	0.533031	1.1268	1.1268	0.929475	1.01688	1.01688	1.29092	0.73097	0.503324	1
cg01609625	CLEC16A		0.364754	0.641904	0.910249	-1.0989	0.691319	0.93299	-1.08344	0.244978	0.7883333	-1.2766	0.9629921	0.986577	-1.01953	0.491851	0.807937	-1.14971	0.8872555	1.02889	1.02889	0.027533	1.68767	1.68767	0.964093	0.901204	-1.00887	0.407868	0.843675	-1.18529	1.2909	0.82429	0.567592	1
cg12642815	TNIP1		0.364757	0.4307226	1.04848	1.04848	0.393777	0.809697	0.329113	-1.03847	0.6107883	0.647474	-1.76085	0.5421955	0.5095967	0.703554	-1.42135	0.8605828	0.876747	-1.14058	0.368231	0.480073	-2.08302	0.896559	0.901879	-1.1088	0.70147	0.73654	-1.35774	1.29089	1.82888	0.87504	1
cg01792229	SDK1;SDK1		0.36476	0.1189916	0.314923	-3.17537	0.104698	3.35556	3.35556	0.764598	1.22754	1.22754	0.633213	0.7202122	-1.38848	0.0873806	0.2757226	-3.62678	0.675707	0.750352	-1.33271	0.939983	1.05275	1.05275	0.953881	0.961286	-1.04027	0.667067	0.744199	-1.34373	1.29088	9.52822	6.56104	1
cg22467534	UNC13D		0.364763	0.763507	1.13393	1.13393	0.559401	0.84273	1.24273	0.325865	0.655043	-1.52578	0.3709312	0.682033	-1.46623	0.1864854	0.5580287	-1.79202	0.845004	1.08491	1.08491	0.045349	2.6073	2.6073	0.765285	1.13282	1.13282	0.618415	1.23264	1.23264	1.29088	3.54702	2.44245	1
cg23253914	DNAIC16		0.364772	0.9104593	1.0363	1.0363	0.5877542	0.9104593	1.0363	1.0363	0.7884	1.08846	1.08846	0.386946	1.32454	1.32454	0.077626	0.5373148	-1.86168	0.3583636	0.741443	-1.34872	0.130133	1.67889	1.67889	0.144248	0.7802017	-1.2817	0.415175	0.768003	-1.30208	1.29085	2.05348	1.41404	1
cg27315642	MIR134-2		0.364774	0.3913318	1.2552	1.2552	0.3396147	0.840811	-1.18907	0.4641	0.7810997	1.03998	0.3339398	1.2744956	1.2744956	0.0479345	0.8023209	-1.24656	0.7159405	0.8023209	-1.24656	0.2464512	2.25609	2.25609	0.154622	1.6456	1.6456	0.2576223	1.33472	1.33472	1.29085	1.28809	0.75885	0.3572304	1
cg15653173	SOX1		0.364776	0.6753994	1.09642	1.09642	0.0762106	0.649743	-1.53907	0.666675	0.90964	-1.09934	0.364601	1.22583	1.22583	0.646639	0.9040438	-1.10615	0.775409	0.939395	-1.06451	0.347391	0.809398	-1.23549	0.0908804	1.50242	1.50242	0.785643	0.942158	-1.06139	1.29084	0.9765569	0.6724676	1
cg26848300	TRPV1;TRPV1;TRPV1		0.364784	0.260039	1.45208	1.45208	0.746794	1.10833	1.10833	0.079537	0.539092	-1.85497	0.321507	1.38427	1.38427	0.996893	1.00124	1.00124	0.1240112	1.66996	1.66996	0.661441	1.8720331	-1.14674	0.458133	0.786737	-1.27107	0.895831	0.959264	-1.04247	1.29082	2.06067	1.41903	1
cg27193066	HERC4;HERC4		0.364791	0.186636	1.23057	1.23057	0.124369	0.42426	-2.37948	0.1402669	0.437519	-2.28561	0.43698	1.51153	1.51153	0.505967	0.7035514	-1.42135	0.5139905	0.723783	-1.3813	0.164245	0.9670932	-1.03411	0.9439882	0.6023369	-1.66011	0.8886113	0.929589	-1.07574	1.29082	1.54972	1.82136	1
cg25640635	ARMCX4		0.364794	0.180494	0.491083	-2.03632	0.325144	0.601646	-1.66211	0.296922	0.582291	-1.71735	0.200145	1.96752	1.96752	0.2145	0.52023	-1.92223	0.0805356	0.37935	-2.63608	0.889946	0.933108	-1.07169	0.905481	1.0612	1.0612	0.795108	0.877974	-1.13889	1.2908	5.11225	3.52047	1
cg16100413	STK11		0.364798	0.859567	1.1049	1.1049	0.1580161	0.8048034	1.47434	1.37434	0.3163887	1.3918	1.3918	0.69122	1.1865	1.1865	0.546928	2.02037	2.02037	0.37823	1.0084	1.0084	0.0439233	2.13199	2.13199	0.2481668	1.11534	1.11534	0.2907	1.08501	1.08501	0.628298	0.763971	0.5263137	1
cg14935646	HOXA10		0.364802	0.0393749	4.58669	4.58669	0.611422	0.728778	-1.38739	0.952541	0.962676	-1.03877	0.505356	0.649259	-1.54022	0.2349955	0.4513338	2.21563	0.2292115	4.6449	-2.19369	0.70165	1.26197	0.793096	0.18292	1.18292	0.769648	1.20642	1.20642	1.29078	8.3489	5.74943	1
cg21014639	CABP1;CABP1;CABP1		0.364804	0.4639322	0.569434	-1.75613	0.548047	1.58107	1.58107	0.220964	0.3783434	-2.64311	0.6930152	1.34942	1.34942	0.0186488	0.116009	-8.62002	0.7171707	0.759675	-1.31635	0.879396	0.8916536	-1.12153	0.826448	0.847151	-1.18043	0.741255	0.778565	-1.28441	1.29078	11.6651	8.03313	1
cg12471299	KLHL32		0.364811	0.469631	1.14008	-1.8355	0.5491	0.8972727	-1.53222	0.2213436	0.8855	1.1469	1.1469	0.3954	0.8497	1.1469	0.0450487	1.45153	1.45153	0.0450487	1.45153	1.45153	0.0450487	1.45153	0.7936706	0.805422	-1.2415	0.8844964	0.917982	-1.08917	1.29076	1.31034	0.417982	1.98037	0.559506	1
cg09173743	L1RAP1L2;TEX13A		0.364812	0.0844804	0.4621	-2.16403	0.0935261	2.07435	0.274194	-2.10884	0.227338	0.598894	-1.66974	0.7141656	1.16045	1.16045	0.6074178	0.8501155	1.17626	0.2446681	0.611219	-1.63607	0.322533	0.6614415	-1.51191	0.607606	0.8109777	-1.23308	0.1021111	0.4849433	-2.06214	1.29075	3.34513	2.30365	1
cg27560182	CNKSR1;CNKSR1		0.364815	0.6329521	0.784498	-1.2805	0.3196147	0.4048811	-2.46981	0.1830898	0.3201007	0.7973784	-1.25411	0.8273956	1.0225705	0.4916243	0.8894025	-1.12425	0.7734844	1.29017	0.4945037	0.3233473	0.2564659	2.25609	2.25609	0.1546223	1.6456	1.6456	0.2576223	1.33472	1.33472	1.29075	0.82387	0.5737247	1
cg23897255	TALDO1		0.364821	0.5906688	1.47988	1.47988	0.140367	0.14265	0.14265	0.132949	3.22296	3.22296	0.709073	3.3107	3.3107	0.887728	0.90305	-1.10736	0.7939324	0.827799	-1.20802	0.0682306	0.36665	4.36665	0.396643	1.87125	1.87125	0.103976	0.568066	3.60866	1.29073	10.6534	7.33668	1
cg21923619	FOXG1		0.364832	0.5058841	1.31755	1.31759	0.535789	1.29201	1.29201	0.479405	1.34148	1.34148	0.3915815	1.4314	1.4314	0.270506	1.59803	1.59803	0.343916	1.48937	1.48937	0.922113	0.64015	-1.56201	0.167889	0.642748	0.7802017	-1.2817	0.415175	0.768003	-1.30208	1.29085	2.05348	1.41404	1
cg19490588	GPD1L		0.364833	0.1576778	0.784833	-1.27437	0.1816165	1.0512	1.0512	0.2588204	0.7882	1.0512	0.2588204	2.2502	2.2502	0.494601	0.7078937	-1.41235	0.8186466	1.21592	0.8224	0.2608355	0.4609	0.4609	0.942396	0.975761	-1.02484	0.710043	1.13473	1.13473	1.29073	2.05765	1.62306	1
cg04986643	FZR1;FZR1;FZR1		0.364833	0.388897	1.26351	1.26351	0.0663818	1.72523	1.72523	0.2632	1.36201	1.36201	0.848775	0.9506694	-1.05186	0.400006	1.25634	1.25634	1.25634	0.8318372	0.945243	-1.05793	0.0645095	1.73339	1.73339	0.531101	0.845312	-1.18299	0.605673	1.14791	1.14791	1.2907	1.43418	0.987701	1
cg15097822	NTNG1;NTNG1;NTNG1		0.364834	0.456706	1.18739	1.18739	0.1155778	0.6926892	-1.44387	0.1944756	0.6042765	-1.65497	0.1066073	0.6232208	1.5918324	1.5918324	0.1689866	0.6281652	-1.59182	0.3161642	0.8185252	-1.22167	0.5599005	0.723783	-1.3813	0.164245	0.9670932	-1.03411	0.9439882	0.6023369	-1.66011	0.8886113	0.929589	-1.07574	1.29072	0.9678301	0.5263137	1
cg20495333	INHBB		0.364847	0.39404	0.728567	-1.37256	0.0187275	0.355787	-2.81067	0.153723	0.5008556	-1.79181	0.706739	0.87188	-1.14695	0.95854	0.10904	-1.01904	0.655942	0.849883	-1.17663	0.0443254	0.5180255	0.95105	0.0225	1.0225	0.871063	1.06069	1.06069	1.29067	2.68964	1.85237	1
cg06103654	DPYSL5		0.364847	0.796387	1.09657	1.09657	0.12556	1.80585	1.80585	0.214649	1.59318	1.59318	0.394306	1.36488	1.36488	0.775849	0.9032331	-1.10714	0.6263537	0.2115227	2.11127	0.293219	1.47512	1.47512	0.362645	1.39595	1.39595	0.0990874	1.90529	1.90529	1.29067	2.59825	1.78942	1
cg05784940	TMCO3		0.364848	0.3016161	1.18727	1.18727	0.1581	0.5811383	1.24825	1.24825	0.3176771	1.24825	0.3176771	1.18377	1.18377	0.3994621	0.7906513	-1.26475	0.4120684	0.8076515	-1.23826	0.3194224	1.19051	1.19051	0.3906606	0.9772052	-1.02407	0.9122515	1.277	1.277	1.29067	0.641183	0.4415826	1
cg14069691	ZNF438;ZNF438;ZNF438;ZNF438;ZNF43		0.364851	0.577515	0.810547	-1.23374	0.501697	0.775284	-1.28985	0.028462	0.380918	-2.62524	0.248926	0.637723	-1.56808	0.462349	0.756329	-1.32218	0.3898633	0.993627	-1.00641	0.733745	1.45085	0.654057	0.845036	-1.18338	0.246821	0.636329	-1.57151	1.29066	2.8482	1.96158	1
cg09293534	CIITA		0.364862	0.064341	0.335862	-2.97741	0.267094	0.545013	-1.83482	0.201794	0.492838	-2.02906	0.312037	0.577521	-1.73154	0.122082	0.414911	-2.41015	0.7159996	1.21144	1.21144	0.787655	0.8678857	-1.15226	0.789161	1.15107	1.15107	0.176215	0.47008	-2.1273	1.29063	5.63309	3.87964	1
cg22226775	PRDM16;PRDM16		0.364866	0.2080824	0.601249	-1.66307	0.2003	0.4989	-2.00401	0.1497117	0.499017	1.49017	0.499017	0.4096903	1.4096903	0.3790272	0.641153	-1.55963	0.6054887	0.6054887	1.65153	1.65153	0.6054887	1.65153	0.4777735	0.741759	-1.34795	0.5004777	0.6054887	1.65153	1.29062	2.68968	2.05564	1
cg18414381	EHF		0.364869	0.359197	2.95578	2.95578	0.731695	0.909742	-1.09921	0.133604	0.4010526	1.33604	0.4010526	0.7878985	0.922222	0.127371	0.309911	3.13481	0.743123	1.34703	0.4893	0.2788955	1.36258	1.36258	0.297311	1.40466	1.40466	0.456609	0.813903	1.23167	1.29061	1.54403	1.06342	1
cg11102782	ISYNA1;ISYNA1;ISYNA1		0.364872	0.437919	0.765821	-1.30579	0.0447552	2.17461	2.17461	0.849373	1.06593	1.06593	0.425713	0.760125	-1.31557	0.452759	0.772657	-1.29424	0.741213	1.11823	1.11823	0.164435	0.6064419	-1.64902	0.657478	0.8603302	-1.16238	0.691497	1.14396	1.14396	1.29061	2.12406	1.60066	1
cg25198545	ACTL6A;ACTL6A;ACTL6A		0.364879	0.3091916	1.17165	1.17165	0.12002	0.7937143	0.5960208	-1.67864	0.5364633	1.12153	0.5364633	0.8356611	1.03267	0.4690607	1.12153	1.12153	0.4690607	1.12153	1.12153	0.4690607	1.12153	0.4690607	1.12153	0.7936706	0.805422	-1.2415	0.8844964	0.917982	-1.08917	1.29061	1.31034	0.417982	1.98037	0.559506	1
cg06575172	ALG10		0.364879	0.217212	0.831775	-1.20225	0.804447	0.965417	-1.03582	0.362795	0.875726	-1.14191	0.742506	0.954304	-1.04788	0.534261	1.09341	1.09341	1.09341	0.716608	0.949595	-1.05308	0.0256683	0.686594	-1.45646	0.879733	1.02171	1.02171	0.206805	0.827877	1.20791	1.29059	0.411418	0.283363	1
cg18459045	TNX8		0.364883	0.427823	0.736303	-1.35803	-1.27525	1.157831	0.635156	-1.57391	0.2202104	0.6378926	-1.47292	0.0791284	0.556841	-1.79584	0.0512907	0.51349	-1.94746	0.379923	0.651978	-1.53379	0.5642395	0.838693	-1.19233	0.814402	0.763655	-1.30949	0.419884	0.780776	-1.28078	1.29058	1.26993	1
cg19794386	WDTC1		0.364889	0.9375376	0.990034	-1.01007	0.36264	1.1271	1.1271	0.1471	0.5363	1.35637	1.35637	0.8122523	1.03089	1.03089	1.0089	1.0089	1.0089	0.434499	1.10735	1.10735	0.264241	0.870132	-1.14925	0.631537	1.06373	1.06373	0.992357	0.998776	-1.00123	1.29057	0.3342219	0.2301961	1
cg22317980	TNNT3;TNNT3;TNNT3;TNNT3;T NNT3;TNNT3;TNNT3		0.364895	0.858415	0.958507	-1.0428	0.305511	1.28274	1.28274	0.63841	1.11733	1.11733	0.0688818	1.612561	1.612561	0.75165	0.917865	-1.08948	0.987152	0.962228	-1.00379	0.0553553	1.66485	1.66485	0.184537	1.33142	1.33142	0.799464	1.06157	1.06157	1.29055	1.12588	0.775467	1
cg03850113	TMEM114		0.364897	0.147919	0.456801	-2.18914	0.660648	0.800126	-1.2498	0.120958	0.427933	-2.33681	0.612877	0.772959	-1.29373	0.089864	0.389195	-2.56941	0.229816	0.529428	-1.88883	0.237483	0.53546	-1.86755	0.0915662	0.391518	-2.55436	0.219091	0.520817	-1.92006	1.29055	5.20719	3.58655	1
cg18822703	GRID2;GRI2		0.364905	0.583206	0.892004	-1.12107	0.3732055	1.2856	1.2856	0.431286	1.17999	1.17999	0.643335	1.33094	1.33094	0.1022	0.6041486	1.2998	1.2998	1.2998	1.2998	1.2998	1.2998	1.2998	1.04043	1.04043	0.657122	0.912087	1.01555	1.01555	1.0154144	0.730065	1.36974	1.29052	0.8693941	0.5987867	1
cg24006352	KCND3;KCND3 PREP;PREP;L2Dor154;PREP;PREP;PRE		0.364907	0.363398	0.506554	-1.97412	0.156167	1.04011	1.04011	0.660958	1.46274	1.46274	0.481113	0.591639	-1.69022	0.394181	0.527471	1.89584	0.605591	1.46489	1.46489	0.254828	0.198675	-5.03338	0.935873	1.06075	1.06075	0.712292	1.31191	1.31191	1.29052	10.9796	7.56254	1
cg19963728	P;PREP;;PREP;		0.364908	0.586964	0.855447	-1.16898	0.522409	1.20265	1.20265	0.0848585	0.581345	-1.72015	0.0984037	0.596955	-1.67517	0.816394	1.06844	1.06844	1.06844	0.183293	0.669054	-1.49465	0.44194	1.25004	1.25004	0.957113	1.01543	1.01543	0.655321	1.13642	1.13642	1.29052	1.656	1.14063	1
cg14140830	NBEAL2		0.364911	0.707828	1.06695	1.06695	0.150045	0.766746	-1.30421	0.241763	0.809855	-1.23479	0.0385381	0.661959	-1.51067	0.529959	0.896267	-1.11574	0.655133	0.925538	-1.08045	0.420454	1.1522	1.1522	0.875909	1.02726	1.02726	0.497274	0.888144	-1.12594	1.29051	0.6055553	0.417097	1
cg21517320	ZNF506;ZNF506		0.364921	0.2211372	1.20689	1.20689	0.2460	0.2460	2.4604	0.285374	0.2470	2.4702	0.2823943	0.246637	2.46637	0.285374	0.2470	2.4702	0.2470	0.2553537	3.91537	0.2553537	3.91537	0.2553537	3.91537

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1577 vs. N)	Fold-Change(1577 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg11993173	RGS20;RGS20	0.365218	0.206501	0.424573	-2.35331	5.384829	0.563902	-1.77336	0.0181736	0.158185	6.32173	0.59742	0.709874	-1.4087	0.698559	1.2843	1.2843	0.866564	0.807589	-1.1141	0.2976	1.43952	0.0207	0.621832	0.726386	-1.38611	1.28976	8.44438	5.81977	1
cg01230580	FOXN3	0.365221	0.182954	0.407921	-2.45146	0.409433	1.70798	1.70798	0.396579	0.850945	-1.17516	0.480409	0.634105	1.57703	0.294586	0.501691	-1.99326	0.0830249	0.295868	-3.37988	0.156237	0.381961	-2.61807	0.455854	0.617599	-1.61917	1.28975	8.24451	5.66828	1
cg13215643	DACT1;DACT1;DACT1;DACT1	0.365243	0.818788	1.10118	1.10118	0.42015	0.707567	-1.41329	0.311569	1.55223	1.55223	0.0608301	0.411659	-2.42919	0.698311	0.849338	-1.17739	0.489727	0.744757	-1.34272	0.36651	1.47645	1.47645	0.877857	0.937449	-1.06572	0.181654	1.81392	1.81392	1.2897	3.60304	2.48329	1
cg04599265	HYOU1;HYOU1	0.365244	0.272844	0.47609	1.47609	0.798897	0.916618	-1.09077	0.903351	0.959399	-1.04232	0.450997	1.29958	1.29958	0.136084	1.72982	1.72982	0.738805	1.12095	1.12095	0.0920943	1.88261	1.88261	0.0485875	0.21691	2.15691	0.567238	2.12813	2.12813	1.2897	2.37793	1.63803	1
cg00672936	HTR4	0.365253	0.402444	1.66033	1.66033	0.136075	2.5867	2.5867	0.0956636	2.595348	2.733794	0.817111	-1.22382	0.217981	2.15284	2.15284	0.546227	1.43525	1.43525	0.15932	2.34396	0.184798	2.29842	2.29842	0.527029	0.684389	-1.46116	2.89667	7.15119	4.92885	1
cg01266863	COMMD10	0.365256	0.144245	0.679145	-1.47244	0.588028	0.873795	-1.14443	0.353317	0.790116	-1.26564	0.0961802	0.63722	-1.56912	0.182598	0.705466	-1.4175	0.23071	0.733342	-1.36362	0.79873	1.06506	1.06506	0.440626	1.21408	1.21408	0.176737	0.701726	-1.42506	1.28967	1.24281	0.856592	1
cg18877660	ZP3;ICL2;LOC100129726	0.36526	0.249086	1.50571	1.50571	0.916573	0.96503	-1.03624	0.625038	1.18215	1.18215	0.891669	0.954763	-1.04738	0.94725	0.977773	-1.02273	0.0273424	0.411914	-2.42769	0.780521	0.909468	-1.09954	0.345114	1.39145	1.39145	0.580631	0.827314	-1.20873	1.28966	2.35733	1.62478	1
cg14721632	GSDMD	0.365262	0.439414	0.651032	-1.53562	0.851879	1.10709	1.10709	0.0185865	4.72848	4.72848	0.607434	1.32583	1.32583	0.528898	0.790655	-1.41512	0.727535	0.826651	-1.2097	0.587774	1.347	1.347	0.732167	0.831998	-1.21448	0.816308	1.13502	1.13502	1.28966	6.05056	4.17031	1
cg20476171	TSNARE1	0.365264	0.46882	0.834758	-1.19795	0.380777	0.802271	-1.24646	0.928171	1.02234	-1.02234	0.918582	1.07626	1.07626	0.742762	0.820702	-1.21842	0.435738	1.21515	0.0445061	1.7602	1.7602	0.822042	1.05676	1.05676	0.384284	1.24434	1.24434	1.28965	1.22659	0.845425	1
cg00528967	STK24	0.36527	0.364454	0.74546	-1.34145	0.0257824	0.434074	-2.30375	0.32545	0.726114	-1.3772	0.623433	0.855568	-1.16881	0.906384	1.03778	1.03778	0.922141	1.03129	1.03129	0.701075	1.12928	1.12928	0.688707	1.13535	1.13535	0.362446	1.3432	1.3432	1.28963	2.02938	1.39877	1
cg08651007	HCG22	0.365276	0.933583	0.97054	1.03054	0.0973927	1.63618	-1.61728	0.0973927	1.04497	1.04497	0.886276	1.09053	1.09053	0.765172	1.3469	1.3469	0.956321	1.01524	1.01524	0.235229	2.65084	2.65084	0.435525	1.25058	1.25058	0.956465	0.985276	1.01494	1.28962	1.50794	1.03937	1
cg07668718	CDK5R1	0.365278	0.991158	1.00149	1.00149	0.255023	1.13764	1.17364	0.741559	1.0456	1.0456	0.177612	1.21291	1.21291	0.852852	1.18691	1.18691	0.369086	0.88313	-1.13234	0.217055	0.839473	-1.19122	0.984949	1.00195	1.00195	0.119708	1.2554	1.2554	1.28961	0.370733	0.255534	1
cg14285155	LHX6;LHX6	0.365279	0.200498	0.59747	-1.8163	0.432867	1.49269	-1.14306	0.153914	0.489948	-2.04103	0.652042	0.818448	-1.22182	0.449329	0.71136	-1.40576	0.0945464	0.449852	-2.22353	0.0615665	0.426707	-2.34453	0.194762	0.549277	-1.81932	0.952206	1.02681	1.02681	1.28961	3.97873	2.74341	1
cg17764715	WDR68	0.365286	0.358932	1.22748	1.22748	0.20106	1.34096	-1.34096	0.151993	0.811969	-1.23157	0.610472	1.11809	1.11809	0.0808681	1.52286	1.52286	0.572021	0.883319	-1.13209	0.0968201	1.48592	1.48592	0.645616	1.10584	1.10584	0.982359	1.00482	1.00482	1.28959	0.964208	0.664608	1
cg00159799	PKN1;PKN1	0.365289	0.328231	0.751727	-1.33027	0.211806	0.689739	-1.45058	0.0860846	0.647825	-1.70974	0.984491	0.994518	-1.00551	0.0518063	0.534817	-1.8698	0.332121	0.753557	-1.32707	0.64743	1.13898	1.13898	0.76537	0.910846	-1.09832	1.28959	1.63336	1.12585	1
cg19529333	IQSEC3;IQSEC3	0.365294	0.459094	1.33508	1.33508	0.0907425	1.34845	1.34845	0.0962496	1.10748	1.10748	0.676242	0.852291	-1.17469	0.485657	0.732557	-1.36501	0.788045	1.001852	-1.00185	1.117195	0.520796	1.52014	0.845206	1.07981	1.07981	0.471186	0.755032	1.32445	1.28957	3.00165	2.069	1
cg23411518	CGNL1	0.365296	0.621556	0.879242	-1.13734	0.862777	0.956243	-1.04576	0.943507	0.981832	-1.0185	0.9001	0.968039	-1.03302	0.8133001	1.05602	1.05602	0.183327	1.44072	1.44072	0.100094	0.627508	-1.59361	0.0729081	0.67766	1.67766	0.551341	1.1687	1.1687	1.28957	1.36622	0.941721	1
cg22351548	AQP;AQR	0.365303	0.502586	1.13063	1.13063	0.560862	1.11596	1.11596	0.866207	1.0309	1.0309	0.610628	0.911489	-1.09751	0.932003	0.984723	-1.01551	0.782023	0.951176	-1.05133	0.0229543	0.610206	1.63392	0.885705	0.777791	-1.28569	0.974776	0.99431	1.00572	1.28955	0.665238	0.458535	1
cg18079331	TMCC1;TMCC1	0.365305	0.214861	1.73645	1.73645	0.336524	0.657822	-1.52017	0.397754	0.69353	-1.4419	0.270869	0.62139	1.60939	0.464594	0.753864	-1.32716	0.317719	0.957264	-1.04464	0.0528467	2.53486	2.53486	0.893883	0.945153	-1.05803	0.491787	1.34328	1.34328	1.28955	3.64848	2.5149	1
cg11598178	CP2;CP2;CP2	0.365305	0.259217	0.549526	-1.81975	0.0847767	0.379249	-2.63679	0.430718	0.664259	-1.50544	0.592165	1.3166	1.3166	0.165251	0.47102	-2.12305	0.517077	0.71598	-1.39669	0.10574	0.407057	-2.45666	0.124432	0.429064	-2.33065	0.696518	0.819252	-1.22063	1.28955	5.28388	3.64219	1
cg12397251	RPIA	0.365312	0.191094	0.804511	-1.24361	0.0337757	1.92307	-1.92307	0.414833	0.877972	-1.13912	0.111893	0.766347	-1.30457	0.0403503	0.76572	1.3069	0.628067	0.926181	-1.0797	0.188569	1.24673	1.24673	0.768809	0.911108	-1.09756	0.339808	1.1676	1.1676	1.28953	0.506622	0.34922	1
cg02348088	CMTM5;CMTM5	0.365319	0.808802	0.856273	-1.16785	0.0415538	0.222206	-4.50033	0.679385	0.766732	-1.30424	0.396433	1.7434	1.7434	0.122427	2.73719	2.73719	0.809061	0.856457	-1.1676	0.93594	0.949849	-1.0528	0.9395	0.571834	-1.74876	0.73554	1.24233	1.24233	1.28951	8.36717	5.76767	1
cg26428889	MET;MET	0.365333	0.854834	1.03795	1.03795	0.0975435	0.760749	-1.31467	0.0615929	5.3212	5.3212	0.0200374	0.61092	-1.63716	0.251081	0.468754	-2.13401	0.972449	0.992004	1.00804	0.0944552	0.98167	-1.16054	0.0869007	0.697497	-1.43377	0.991491	1.00217	1.00217	1.28949	0.846572	0.582393	1
cg07277387	PPCDC	0.365335	0.408334	1.13141	1.13142	0.55835	1.09026	1.09026	0.241984	0.836275	-1.19578	0.234284	0.833571	-1.19966	0.344719	0.86754	1.15268	0.0814521	0.754301	-1.32573	0.414888	0.885433	-1.12939	0.402352	1.1333	1.1333	0.628007	1.07389	1.07389	1.28947	0.435331	0.300092	1
cg23605991	PDE6B;PDE6B	0.365343	0.78874	1.1511	1.1511	0.479869	0.686384	-1.45691	0.0154079	0.210604	-4.74825	0.971296	0.981324	-1.01903	0.573177	0.742097	-1.34753	0.70574	0.81975	-1.21988	0.186119	0.709754	1.40959	0.793089	0.923003	0.937619	-1.06553	0.673098	0.80064	-1.249	1.28945	5.60662	3.86494	1
cg04132851	SSX2IP;SSX2IP;SSX2IP;SSX2IP;SSX2IP;SSX2IP	0.365344	0.464451	0.8842	1.18578	0.0739323	1.42623	1.42623	0.0982393	1.37991	1.37991	0.0911009	1.12553	1.12553	0.242255	1.30218	1.30218	0.466648	0.873082	-1.14541	0.939096	0.916601	1.09156	0.744766	1.18611	1.18611	0.094646	1.40028	1.40028	1.28945	0.685942	0.472857	1
cg18128312	LRRC16A	0.365346	0.726213	1.16299	1.16299	0.308218	0.635733	-1.57299	0.56288	0.777842	-1.28561	0.89178	0.943212	-1.06021	0.1919321	1.80992	1.80992	0.328797	1.54169	1.54169	0.068095	2.40482	2.40482	0.202186	1.78307	1.78307	0.369105	1.48614	1.48614	1.28945	3.76707	2.59686	1
cg28801873	AGK	0.365348	0.467291	0.810202	1.23457	0.438208	0.78929	-1.26731	0.764431	1.09507	1.09507	0.881129	1.0456	1.0456	0.940621	0.978044	-1.02245	0.380624	0.761796	-1.31281	0.0148599	0.940521	1.06355	0.344328	0.925997	1.08003	0.687367	1.12811	1.12811	1.28944	1.83168	1.24993	1
cg00536381	ASAP2;ASAP2	0.365349	0.993879	1.64111	1.64111	0.153147	2.662741	-1.50888	0.872069	1.00429	1.00429	0.150581	0.660741	-1.51345	0.373381	1.27994	1.27994	0.920041	1.02737	1.02737	0.83707	1.05693	1.05693	0.694797	0.842794	1.21586	1.21586	0.542977	1.18008	1.18008	1.28944	1.47678	1.01804	1
cg00373371	PFKFB3;PFKFB3	0.365354	0.841883	0.915313	-1.0925	0.967939	0.982355	-1.01796	0.853575	1.08528	1.08528	0.889368	0.940212	-1.06359	0.0248255	0.306288	3.2649	0.248699	0.586203	-1.70589	0.114402	0.489203	-2.04414	0.689486	1.19471	1.19471	0.796678	0.891932	-1.12116	1.28943	4.00674	2.76212	1
cg06737494	SHOX;GHSR	0.365359	0.93252	1.07258	1.07258	0.407337	1.32087	1.32087	0.414833	0.877972	-1.13912	0.111893	0.766347	-1.30457	0.0403503	0.76572	1.3062	0.157573	0.308149	-3.24457	0.0275191	0.365103	2.73972	0.256918	0.407831	2.45192	0.0877819	0.07839	0.077874	1.28942	0.782989	0.275756	0.184	1
cg00559992	PIK3R1	0.365359	0.376543	0.782223	-1.27841	0.3206937	1.32011	1.32011	0.342355	0.767361	-1.30316	0.391211	0.788374	-1.26843	0.125924	0.638773	-1.5655	0.844702	1.05452	1.05452	0.597389	1.15519	1.15519	0.104547	1.61645	1.61645	0.877057	1.04279	1.04279	1.28941	1.49609	1.03136	1
cg20380103	OSMR;OSMR;OSMR	0.365364	0.577838	1.09115	1.09115	0.0859499	0.943609	-1.06007	0.0615929	5.3212	5.3212	0.0200374	0.61092	-1.63716	0.251081	0.468754	-2.13401	0.54306	0.840836	1.18956	0.0211855	0.973408	1.02664	0.881657	0.974408	-1.02643	0.581317	1.27337	1.27337	1.28941	0.824902	0.582393	1
cg22732211	IER2	0.365366	0.584604	0.907801	-1.10156	0.728876	0.940851	-1.06287	0.0724952	1.42069	1.42069	0.746687	1.05843	1.05843	0.163631	1.29755	1.29755	0.757104	0.947091	-1.05586	0.487261	0.883673	-1.13164	0.813695	1.04223	1.04223	0.0991506	1.37266	1.37266	1.2894	0.626971	0.432223	1
cg22834542	GRM5;GRM5	0.365368	0.171922	0.281491	-3.55252	0.0877648	0.193443	-5.16048	0.23324	0.336434	-2.97236	0.760866	0.766362	-1.30407	1.2907	0.240016	-4.16639	0.615348	1.55526	1.55526	0.388573	0.462865	-2.16046	0.363511	2.25712	2.25712	0.708062	0.720421	-1.38808	1.28939	15.5188	10.6984	1
cg23539329	ADCY9	0.365372	0.025807	0.702795	1.42375	0.0139454	0.995454	-1.00455	0.165782	0.700465	-1.42661	0.218564	0.16373	-6.10473	0.0127053	1.57044	1.57044	0.359122	0.570456	-1.75309	0.0299155	0.779852	1.28264	0.0254179	0.31864	-3.13861	0.0299155	0.779852	1.28264	0.0254179	0.31864	-3.13861	1.28939	0.302893	1
cg01192531	RDMO1;NFS1	0.365376	0.389435	1.26103	1.26103	0.485465	2.20489	2.20489	0.0743068	1.68699	1.68699	0.244671	0.724935	-1.37943	0.809425	1.0656	1.0656	0.947484	0.982827	-1.01747	0.211298	0.70729	-1.41385	0.242541	1.37937	1.37937	0.603493	1.14774	1.14774	1.28937	1.41216	0.973536	1
cg11686792	RASA3	0.365387	0.80463	0.856455	-1.16751	0.479869	0.686384	-1.45691	0.0154079	0.210604	-4.74825	0.971296	0.981324	-1.01903	0.573177	0.742097	-1.34753	0.70574	0.81975	-1.21988	0.186119	0.709754	1.40959	0.793089	0.923003	0.937619	-1.06553	0.673098	0.80064	-1.249	1.28945	5.60662	3.86494	1
cg06778567	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.365383	0.0771811	0.500041	-1.99984	0.528957	1.2523	1.2523	0.492309	1.27887	1.27887	0.927151	0.96826	-1.03278	0.0717063	0.492006	2.0325	0.605494	0.832118	-1.20175	0.240161	0.648052	-1.54309	0.616889	0.836939	-1.19483	0.747251	0.710792	1.40688	1.28934	2.5405	1.75145	1
cg05196231	USP9X;USP9X	0.365393	0.979848	0.98998	-1.01012	0.695439	0.854818	-1.16984	0.160655	0.550188	-1.81756	0.416561	0.718174	-1.39242	0.15709	0.546986	-1.8282	0.028422	0.356551	-2.80465	0.209075	0.588934	-1.69539	0.377028	0.696686	-1.43537	0.520546	0.771307	-1.2965	1.28933	3.24616	2.23796	1
cg19539696	DPYD;DPYD	0.365396	0.880007	1.04718	1.04718	0.858373	1.14111	1.14111	0.704468	0.837994	-1.19383	0.764468	0.820396	-1.21874	0.0427157	0.734739	-1.36135	0.880785	1.05544	1.05544	0.402756	0.921649	-1.08501	0.433626	1.33277	1.33277	0.400236	1.36286	1.36286	1.28933	0.626606	0.43443	1
cg09590854	SF3B5	0.365399	0.195522	0.375485	-2.66322	0.347466	0.501922	-1.99234	0.508189	0.620516	-1.61156	0.665360	0.734199	-1.36203	0.737843	1.26925	1.26925	7	0.73715	-1.3937	0.0433656	0.994729	1.00581	0.0450961	0.0	0.0	0.0	0.0	0.0	1.28932	0.678586	4.17365	1.35133	1
cg16154713	ASAP1	0.365401	0.64045	1.28842	1.28842	0.0911896	0.737397	-1.35638	0.0362682	0.526826	-1.53825	0.0979913	0.72664	1.37611	0.0299991	0.499004	2.00201	0.271516	-1.9397	0.0331656	0.0164644	0.245794	4.06845	0.0700313	0.0	0.0	0.0	0.0	0.0	1.28932	0.685942	0.472857	1
cg08123836	BRSK2	0.365403	0.295659	0.695394	-1.43803	0.117125	1.76862	1.76862	0.471589	1.27801	1.27801	0.948321	0.978521	-1.02195	0.0966178	0.542794	-1.84232	0.37601	0.737611	-1.35573	0.278427	0.685551	-1.45868	0.636553	0.852616	-1.17286	0.622251	0.846752	-1.18098	1.28931	2.2914	1.57976	1
cg08908831	UMO2	0.365404	0.937357	0.97291	-1.02765	0.609534	0.915726	-1.09216	0.710106	0.979449	1.02081	0.398	1.35098	1.35098	0.0685754	0.468548	-2.13425	0.979394	1.00317	0.0158892	0.95225	1.09744	1.09744	0.15892	1.75025	1.75025	0.0562565	1.462	1.462	1.2893	2.82227	1.54577	1
cg21044426	DOT1L	0.365408	0.257359	2.2963	2.2963	0.370296	1.02385	1.02385	0.479779	0.82471	-1.2141	0.0785386	0.523579	0.80913	?	0.43635	?	0.613945	1.17341	0.150868	0.64033	0.644037	1.55398	0.30982	0.0	0.0	0.0	0.0	0.0	1.28932	0.649047	2.51298	1.30982	1
cg11074746	MEMO1;MEMO1	0.365414	0.802665	0.97114	-1.02972	0.714818	0.958495	-1.0433	0.0280543	1.34948	1.34948	0.783631	1.03231	1.03231	0.206649	0.853797	-1.16632	0.329563	1.12429	1.12429	0.98035	0.997159	-1.00285	0.853769	1.02154	1.02154	0.546965	1.07295	1.07295	1.28928	0.272463	0.187849	1
cg09760768	BICD1;BICD1	0.365416	0.802665	0.97114	-1.02972	0.714818	0.958495	-1.0433	0.0280543	1.34948	1.34948	0.783631	1.03231	1.03231	0.206649	0.853797	-1.16632	0.329563	1.12429	1.12429	0.98035	0.997159	-1.00285	0.853769	1.02154	1.02154	0.546965	1.07295	1.07295	1.28928	0.272463	0.187849	1
cg15364276	MON2	0.365421	0.078329	0.573886	-1.48393	0.640848	0.909535	-1.09946	0.624867	0.905331	-1.10457	0.160973	0.739204	-1.35281	0.216002	0.76891	1.30054	0.100291	0.695335	-1.43818	0.857039	0.964262	-1.03706	0.880613	0.970124	-1.0308	0.350482	1.21403	1.21403	1.28926	0.831678	0.573404	1
cg19956121	NPTN;NPTN;NPTN;NPTN	0.365423	0.941502	0.97709	-1.02339	0.879978	1.04354	1.04354	0.188851	1.47941	1.47941	0.2689	1.3837	1.3837	0.292774	0.735086	-1.36048	0.111743	0.7515	-1.33057	0.0629	0.615295	1.15365	1.15365	0.0841716	1.71411	1.71411	0.370382	1.2962	1.2962	1.28926	1.62431	1.09	1
cg00281594	DDR1;DDR1	0.365443	0.219944	0.80953	-1.2408	0.375097	0.858747	-1.16449	0.474116	0.8563	-1.16783	0.0563	1.0563	1.0563	0.879322	1.07201	1.07201	0.348675	0.744188	1.07547	0.174168	0.175318	1.17534	1.17534	0.0963196	1.03398	0.43614	1.875557	1.42423	1.28924	0.571347	0.393925	1
cg17951539	CXCL3	0.365433	0.240775	0.347394	-1.1144	0.560307	0.05331	1.05331	0.138582	1.151	1.151	0.416053	1.07607	1.07607	0.826295	0.981025	-1.01934	0.525803	1.05834	1.05834	0.747762	0.971942	-1.02887	0.332033	0.915518	-1.09228	0.0864834	1.18178	1.18178	1.28923	0.158839	0.109515	1
cg03608888	C13orf36	0.365434	0.14822	0.37002	-2.70312	0.0227847	0.213782	-4.67702	0.144492	0.640702	-1.56173	0.164373	0.570943	1.75194	0.0466556	0.730116	-1.36959	0.697153	0.822162	-1.21615	0.0795213	0.55041	1.81697	0.0268511	0.0	0.0	0.0	0.0	0.0	1.28923	0.380115	1.34052	0.634472	1.6231	1.6231	1.529	1
cg18457159	KIAA0195	0.365438	0.32866	0.484353	-2.06461	0.302634	2.15501	-2.15501	0.897583	1.09702	1.09702	0.460853	0.582842	-1.71573	0.0182236	0.177806	-5.62411	0.443197	0.569976	-1.75446	0.17129	0.350865	-2.8501	0.956087	0.961179	-1.04039	0.453917	0.577794	-1.73072	1.28922	10.5568	7.27869	1
cg04384181	SIX4	0.365441	0.07000017	0.37765	3.07765	0.737554	0.829757	-1.20517	0.899649	0.929113	-1.07629	0.0955345	0.363996	-2.75246	0.984134	1.0111	1.0111	0.328926	0.576537	-1.73449	0.240819	0.505922	-1.97659	0.0882867	1.1035	1.1035	0.820951	0.881426	-1.13453	1.28921	2.82834	1.4335	1
cg04167903	HOXA1;HOXA1	0.365441	0.857711	0.958375	-1.04343	0.854859	1.04433	1.04433	0.54393	0.86457	-1.15664	0.745467	0.925735	-1.08022	0.830666	1.06079	1.06079	0.570815	1.45135	0.870658	0.10936	0.103736	2.05813	0.25883	0.588604	1.83807	1.13807	1.28921	1.14598	0.790133	1
cg14162033	G3BP1;G3BP1	0.365443	0.901594	0.977385	-1.02314	0.0445768	0.652804	-1.53185	0.774289	1.05461	1.05461	0.459891	1.13639	1.13639	0.198379	0.777749	-1.28576	0.153316	0.753714	-1.32676	0.502747	1.13402	1.13402	0.772198	0.947738	-1.05514	0.926127	1.0173	1.0173	1.28921	0.698167	0.481375	1
cg16545145	ZNF451;ZNF451	0.365445	0.326157	0.734127	-1.36207	0.36376	1.56536	-1.56536	0.218306	0.587877	-1.70093	0.763457	1.29269	1.29269	0.0307797	1.45395	1.45395	0.128926	0.506467	-1.9748	0.0437377	0.354481	2.82111	0.0168681	0.0	0.0	0.0	0.0	0.0	1.28921	0.882227	1.93857	1.24993	1
cg03402713	FBXL16	0.365455	0.18405	2.51769	2.51769	0.130469	0.91578	-1.09216	0.916617	0.933683	-1.07103	0.438167	0.595612	-1.67895	0.553152	0.674968	-1.48155	0.99334	1.00548	1.00548	0.374917	0.550161	-1.81616	0.667687	0.75352	-1.32711	0.0945121	1.3343	1.3343	1.28918	8.76596	6.04412	1
cg23546343	RTL1;MIR4431;MIR433	0.365458	0.381382	1.08545	1.08545	0.0847767	0.379249	-2.63679	0.430718	0.664259	-1.50544	0.592165	1.3166	1.3166	0.165251	0.47102	-2.12305	0.517077	0.71598	-1.39669	0.10574	0.407057	-2.45666	0.124432	0.429064	-2.33065	0.696518	0.819252	-1.22063	1.28915	5.28388	3.64219	1
cg15813330	AQP11	0.365458	0.667612	0.931607	-1.07341	0.0543534	1.43049	1.43049	0.771897	1.04482	1.04482	0.687411	1.06858	1.06858	0.472911	1.12718	1.12718	0.71898	0.942468	-1.06104	0.333839	0.849201	-1.17758	0.13396	1.7671	1.7671	-1.30349	0.54459	1.1057	1.1057	1.28917	0.549062	0.37858	1
cg00624564	AFAP1;AFAP1;LOC84740	0.365459	0.287719	0.398046	-2.51227	0.158279	0.52103	1.52103	0.623473	1.51127	1.51127	0.808625	1.22447	1.22447	0.0892617	0.209334	-4.77705	0.417701	1.09602	1.09602	0.574602	1.60526	1.60526	0.2508	0.367356	-2.72215	0.760703	0.774973	-1.29037	1.28917	14.2204	9.80502	1
cg17427615	C1orf182;C1orf182;C1orf182;C1orf182	0.365476	0.333388	0.87054	-1.14866	0.371896	0.929233	-1.07564	0.592515	1.94197	1.94197	0.0955	0.807064	1.24938	0.0459538	0.702157	-1.42426	0.323541	1.10954	1.10954	0.0860598	1.11507	1.11507	0.0884091	0.43104	2.32019	0.43104	2.32019	4.559	3.14355

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25370728	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE	0.365804	0.472023	0.791938	-1.26272	0.911641	0.965222	-1.03603	0.272389	0.694688	-1.4395	0.515371	0.810315	-1.23409	0.301922	0.711035	-1.4064	0.215868	0.66012	-1.51488	0.116542	1.72252	1.72252	0.323149	1.3846	1.3846	0.257653	0.686138	-1.45743	1.28833	2.07473	1.43148	1
cg01515516	PKN1	0.365805	0.534884	1.14805	1.14805	0.297158	0.788634	-1.26801	0.346672	0.808241	-1.23725	0.464038	1.17789	1.17789	0.0383102	0.59016	-1.69445	0.769372	1.06672	1.06672	0.617487	0.895284	-1.11696	0.73458	1.07763	1.07763	0.243042	0.764617	-1.30784	1.28832	0.984781	0.679457	1
cg27462371	ATXN7;THOC7;ATXN7;ATXN7;ATXN7	0.365807	0.120055	0.767234	-1.30338	0.315336	1.17718	1.17718	0.158989	1.26683	1.26683	0.568454	1.0948	1.0948	0.733592	1.05514	1.05514	0.472052	1.12179	1.12179	0.388198	0.870271	-1.14907	0.205827	0.810839	-1.23329	0.76918	1.04732	1.04732	1.28832	0.503684	0.347522	1
cg04610450	PIK3R2	0.365808	0.699808	0.826182	-1.21039	0.227914	0.535941	-1.86588	0.0951355	0.405058	-2.46878	0.278251	0.573708	-1.74305	0.880028	1.07727	1.07727	0.994866	0.996834	-1.00318	0.267703	1.76651	1.76651	0.390935	1.5422	1.5422	0.17036	0.486947	-2.05361	1.28832	4.95559	3.41916	1
cg03193299	LOC100130872-SPON2;SPON2;SPON2	0.365809	0.942188	0.96018	-1.04147	0.0598817	3.28535	3.28535	0.0301173	4.17404	4.17404	0.911698	1.06412	1.06412	0.845076	1.11584	1.11584	0.430628	1.56941	1.56941	0.466288	1.51493	1.51493	0.780927	1.16906	1.16906	0.976831	1.0164	1.0164	1.28832	6.40487	4.41912	1
cg00224028	SEMA3D	0.36581	0.726663	1.10088	1.10088	0.80568	0.934728	-1.06983	0.247683	0.718216	-1.39234	0.28588	1.35464	1.35464	0.0689809	0.572751	-1.74596	0.471014	1.2224	1.2224	0.279376	1.36068	1.36068	0.331921	1.31539	1.31539	0.833469	1.05935	1.05935	1.28831	1.53027	1.05584	1
cg07763497	INTS6;INTS6	0.365815	0.547716	0.818237	-1.22214	0.0913674	0.541689	-1.84608	0.164949	0.613568	-1.62981	0.998091	0.999211	-1.00079	0.970015	1.01247	1.01247	0.0456777	0.469769	-2.12871	0.609822	1.18497	1.18497	0.815669	0.925888	-1.08004	0.385983	0.745981	-1.34052	1.2883	2.21855	1.53074	1
cg01091156	BANP;BANP	0.365822	0.358498	1.49703	1.49703	0.0586409	2.49125	2.49125	0.308524	1.56892	1.56892	0.50016	1.33971	1.33971	0.759654	1.14011	1.14011	0.393266	1.4531	1.4531	0.063856	2.43548	2.43548	0.929492	0.962888	-1.03854	0.48277	0.737256	-1.35638	1.28828	3.72579	2.57072	1
cg13244417	TMTC4;TMTC4	0.365828	0.0430324	0.595283	-1.67987	0.871637	0.964614	-1.03668	0.457325	0.844817	-1.18369	0.157632	0.71417	-1.40023	0.244905	0.762616	-1.31128	0.213051	0.746646	-1.33932	0.715344	1.08502	1.08502	0.334887	0.801263	-1.24803	0.627069	1.11526	1.11526	1.28827	1.01276	0.69879	1
cg13026550	ZDHHC14;ZDHHC14	0.36583	0.141703	0.729759	-1.37032	0.880165	0.970368	-1.03054	0.43737	0.853883	-1.17112	0.324928	1.22468	1.22468	0.473571	0.864735	-1.15642	0.22172	0.774076	-1.29186	0.887835	0.972254	-1.02854	0.733743	1.07045	1.07045	0.0495081	0.639632	-1.5634	1.28826	0.811114	0.559662	1
cg20706778	FAM176A	0.365834	0.971313	1.01778	1.01778	0.182767	1.99933	1.99933	0.0939205	2.46594	2.46594	0.915694	1.05326	1.05326	0.3964	0.653395	-1.53047	0.120435	2.28282	2.28282	0.142815	2.16368	2.16368	0.738171	1.17868	1.17868	0.759663	0.860395	-1.16226	1.28825	4.89941	3.38057	1
cg01634153	MACF1	0.365834	0.307419	1.14953	1.14953	0.0593955	1.32405	1.32405	0.374473	1.12776	1.12776	0.932994	1.01115	1.01115	0.862586	1.02311	1.02311	0.212015	1.18934	1.18934	0.495296	0.912718	-1.09563	0.220896	0.843885	-1.185	0.785892	0.964723	-1.03657	1.28825	0.354952	0.244916	1
cg12680750	LYPD1;LYPD1	0.365837	0.572376	0.732641	-1.36492	0.328287	0.576805	-1.73369	0.993318	1.00458	1.00458	0.177548	0.45775	-2.1846	0.46551	1.49934	1.49934	0.469964	0.66975	-1.49309	0.101422	0.376061	-2.65914	0.131654	2.42898	2.42898	0.99026	1.00668	1.00668	1.28825	6.06745	4.18654	1
cg11827409	EFHD1	0.365846	0.507743	0.896847	-1.11502	0.236048	1.22283	1.22283	0.442715	0.880906	-1.1352	0.681898	1.06905	1.06905	0.0398134	0.680426	-1.46967	0.488286	1.12083	1.12083	0.803009	1.04133	1.04133	0.309424	0.843311	-1.1858	0.994766	1.00106	1.00106	1.28822	0.535543	0.369531	1
cg13456470	PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PTCH1	0.365851	0.119254	0.214799	-4.65551	0.840366	1.20138	1.20138	0.73774	1.3576	1.3576	0.50181	0.537869	-1.85919	0.0464842	0.125623	-7.96034	0.658985	0.667624	-1.49785	0.136808	0.232692	-4.29752	0.549686	0.576574	-1.73438	0.232839	0.320425	-3.12085	1.28821	16.8849	11.6509	1
cg16922012	XPO4	0.365852	0.0843316	0.384402	-2.60144	0.457625	1.46041	1.46041	0.714534	1.20194	1.20194	0.569077	0.749652	-1.33395	0.0670547	0.357813	-2.79476	0.219474	0.523859	-1.90891	0.367076	0.628811	-1.5903	0.838385	1.10766	1.10766	0.558891	0.743828	-1.3444	1.28821	5.11473	3.52926	1
cg09107053	C1orf198;C1orf198;C1orf198	0.365859	0.289617	0.646378	-1.54708	0.888337	1.05736	1.05736	0.591137	1.24022	1.24022	0.350624	1.46434	1.46434	0.0868239	0.471973	-2.11876	0.198731	1.7146	1.7146	0.30244	0.654353	-1.52823	0.961861	1.01917	1.01917	0.328063	0.669791	-1.493	1.28819	3.21569	2.21892	1
cg01320698	PIK3CD	0.36586	0.744744	1.27564	1.27564	0.0272795	7.0047	7.0047	0.453522	1.76649	1.76649	0.425049	0.544961	-1.83499	0.533289	1.60031	1.60031	0.73285	1.29087	1.29087	0.288106	0.439624	-2.27467	0.499396	1.66685	1.66685	0.876523	0.890592	-1.12285	1.28819	11.3293	7.81756	1
cg11287531	SENP1;PFKM	0.36586	0.885606	1.03351	1.03351	0.982658	0.995035	-1.00499	0.134396	1.44716	1.44716	0.234801	0.751907	-1.32995	0.988825	0.996798	-1.00321	0.192118	0.728957	-1.37182	0.188104	0.726617	-1.37624	0.29353	1.28337	1.28337	0.448622	1.19341	1.19341	1.28819	1.06966	0.738097	1
cg26144569	CYP1B1	0.36587	0.0979159	1.76117	1.76117	0.0597334	1.93922	1.93922	0.186909	1.54665	1.54665	0.416561	1.2954	1.2954	0.731035	0.898018	-1.11356	0.395039	1.31198	1.31198	0.873067	1.0511	1.0511	0.295763	1.40211	1.40211	0.164593	1.58758	1.58758	1.28817	1.98248	1.368	1
cg08686879	CSF2	0.365881	0.909027	1.07488	1.07488	0.0652007	0.270414	-3.69804	0.0419031	0.227337	-4.39876	0.860237	1.11778	1.11778	0.212562	0.436292	-2.29205	0.413459	0.589666	-1.69588	0.986259	0.989179	-1.01094	0.583047	0.704523	-1.4194	0.695833	0.780193	-1.28173	1.28814	8.14248	5.61877	1
cg06746997	GPR6	0.365881	0.0869391	0.341197	-2.93086	0.941906	1.04233	1.04233	0.860961	0.905089	-1.10486	0.906156	0.935118	-1.06938	0.0281923	0.22897	-4.36739	0.65413	0.773738	-1.29243	0.494643	1.48361	1.48361	0.778513	0.851812	-1.17397	0.671461	0.784524	-1.27466	1.28814	6.60095	4.55504	1
cg03603170	MCF2L;MCF2L	0.365887	0.652372	1.21565	1.21565	0.153189	1.93227	1.93227	0.124462	2.04689	2.04689	0.288236	1.60768	1.60768	0.508848	1.33456	1.33456	0.468698	1.37366	1.37366	0.451008	1.39197	1.39197	0.592893	1.26163	1.26163	0.102559	0.463344	-2.15822	1.28812	3.78333	2.61075	1
cg26051165	C7orf58;C7orf58	0.365888	0.915905	0.980273	-1.02012	0.303311	0.817817	-1.22277	0.378188	0.8432	-1.18596	0.485478	0.874856	-1.14305	0.291405	0.813421	-1.22938	0.0277659	0.612226	-1.63338	0.343767	0.831965	-1.20197	0.149061	0.746867	-1.33893	0.174208	0.761352	-1.31345	1.28812	0.725889	0.500912	1
cg27230959	SDK1;SDK1	0.365891	0.20376	0.448915	-2.2276	0.785855	0.849922	-1.17658	0.675534	1.28576	1.28576	0.649023	0.760643	-1.31468	0.0271168	0.209722	-4.76821	0.700952	0.794212	-1.25911	0.332171	0.550262	-1.81732	0.39035	0.591228	-1.69139	0.148349	0.396236	-2.52375	1.28811	7.27335	5.01912	1
cg00721207	FBL	0.365899	0.529848	1.13573	1.13573	0.935578	0.983963	-1.0163	0.834737	0.959082	-1.04266	0.301307	1.23883	1.23883	0.121223	1.39936	1.39936	0.11689	1.40587	1.40587	0.268478	0.794145	-1.25922	0.12953	1.38754	1.38754	0.978954	0.994739	-1.00529	1.28809	0.815855	0.563006	1
cg10164367	ITGBL1	0.365903	0.621865	0.636932	-1.57003	0.044327	8.13255	8.13255	0.450194	2.01002	2.01002	0.392242	0.451441	-2.21513	0.16813	0.26375	-3.79147	0.909204	1.10906	1.10906	0.552555	0.579731	-1.72494	0.928282	0.921563	-1.08511	0.548317	0.576283	-1.73526	1.28808	16.796	11.5907	1
cg02882733	ABCA17P;ABCA3	0.365911	0.724587	1.07563	1.07563	0.633049	1.10421	1.10421	0.149876	1.37458	1.37458	0.728295	0.93065	-1.07452	0.677211	1.0901	1.0901	0.803658	0.949959	-1.05268	0.58969	1.11874	1.11874	0.019597	1.78819	1.78819	0.39795	1.19526	1.19526	1.28807	0.866399	0.597898	1
cg07048066	FAM13B;FAM13B;FAM13B	0.365918	0.309257	0.800716	-1.24888	0.386543	1.2062	1.2062	0.0836955	1.49826	1.49826	0.612411	0.89771	-1.11395	0.94568	0.985712	-1.0145	0.495359	1.15746	1.15746	0.204568	0.753709	-1.32677	0.775023	1.06239	1.06239	0.194079	1.33668	1.33668	1.28805	0.910033	0.628018	1
cg24992817	B3GNT1	0.365925	0.438094	0.740352	-1.35071	0.306992	1.49476	1.49476	0.435358	1.35324	1.35324	0.456564	1.33402	1.33402	0.119088	0.52574	-1.90208	0.509815	0.775591	-1.28934	0.0821329	0.480915	-2.07937	0.5462	0.792845	-1.26128	0.953845	0.97824	-1.02224	1.28803	2.94708	2.03383	1
cg01972394	ALDH4A1;ALDH4A1	0.365937	0.573287	0.959424	-1.04229	0.698718	0.972088	-1.02871	0.350313	0.93242	-1.07248	0.13214	0.888448	-1.12556	0.114826	0.882665	-1.13293	0.341065	0.931082	-1.07402	0.0286524	0.828702	-1.20671	0.723606	0.974487	-1.02618	0.496775	0.95102	-1.0515	1.288	0.108067	0.0745804	1
cg19664267	B3GALT4;B3GALT4	0.365941	0.788851	0.618658	-1.6164	0.303997	6.71643	6.71643	0.0605522	44.0698	44.0698	0.0740348	35.2262	35.2262	0.690313	0.488467	-2.04722	0.544548	2.99576	2.99576	0.82025	1.50256	1.50256	0.897939	1.25807	1.25807	0.160383	14.6284	14.6284	1.28799	65.2887	45.0581	1
cg08274504	TOR1AIP1	0.365943	0.103915	1.39616	1.39616	0.0397158	1.56258	1.56258	0.470969	1.14756	1.14756	0.384258	1.18228	1.18228	0.098777	1.40458	1.40458	0.416122	1.16881	1.16881	0.962292	0.991166	-1.00891	0.440648	1.15904	1.15904	0.598256	1.10495	1.10495	1.28799	0.71859	0.495926	1
cg15975211	UVRAG	0.365947	0.556505	0.918031	-1.08929	0.96914	0.994452	-1.00558	0.158796	1.24183	1.24183	0.458769	0.897196	-1.11458	0.369202	1.14181	1.14181	0.656741	0.937706	-1.06643	0.0582093	0.735046	-1.36046	0.254916	0.84288	-1.18641	0.834883	0.970431	-1.03047	1.28798	0.421806	0.291107	1
cg01486333	PLIN3;PLIN3;PLIN3	0.365952	0.818679	1.05911	1.05911	0.834388	0.948985	-1.05376	0.885577	1.03667	1.03667	0.0672357	1.67022	1.67022	0.198227	1.40507	1.40507	0.175078	1.43433	1.43433	0.31392	0.770684	-1.29755	0.50064	1.18646	1.18646	0.177008	1.43174	1.43174	1.28796	1.27595	0.8806	1
cg24998815	C14orf102;C14orf102	0.365976	0.273939	0.8531	-1.1722	0.0692513	0.753023	-1.32798	0.681037	1.05938	1.05938	0.478664	0.90437	-1.10574	0.681821	1.05922	1.05922	0.481419	0.904958	-1.10502	0.295781	0.859587	-1.16335	0.477339	1.10609	1.10609	0.209919	1.2025	1.2025	1.28791	0.397268	0.274187	1
cg24139737	C10orf72;C10orf72	0.365979	0.986043	1.00566	1.00566	0.0192117	0.401103	-2.49312	0.21441	0.656053	-1.52427	0.631487	1.16864	1.16864	0.825716	1.07371	1.07371	0.736467	0.896797	-1.11508	0.33785	0.727146	-1.37524	0.930594	0.972298	-1.02849	0.9738	0.989465	-1.01065	1.2879	2.12129	1.46408	1
cg24561661	HOXD11	0.365981	0.412175	1.16118	1.16118	0.0691547	0.695993	-1.43679	0.2295	0.798733	-1.25198	0.74856	1.05899	1.05899	0.397893	1.16681	1.16681	0.739172	1.06136	1.06136	0.220913	1.25778	1.25778	0.646466	1.08579	1.08579	0.470517	0.877358	-1.13979	1.28789	0.647924	0.44719	1
cg26446449	SLC38A1;SLC38A1	0.365984	0.838518	0.974649	-1.02601	0.519612	0.921137	-1.08561	0.961237	1.00613	1.00613	0.370844	0.890798	-1.12259	0.106027	1.24876	1.24876	0.200412	0.843499	-1.18554	0.30751	0.875526	-1.14217	0.186573	1.19267	1.19267	0.434006	0.904421	-1.10568	1.28789	0.323013	0.222941	1
cg15366423	MAPK4	0.365989	0.411619	0.581192	-1.7206	0.323349	1.93357	1.93357	0.94434	0.95587	-1.04617	0.112841	0.327717	-3.05141	0.0659618	0.263565	-3.79414	0.879175	1.10333	1.10333	0.191481	0.409053	-2.44467	0.379746	0.558529	-1.79042	0.566009	0.687272	-1.45503	1.28787	8.5227	5.88236	1
cg03188641	MGAT5B	0.365995	0.205551	0.722227	-1.38461	0.832723	0.949769	-1.05289	0.468216	1.19703	1.19703	0.574916	1.14806	1.14806	0.504475	1.17944	1.17944	0.0658105	0.60471	-1.65368	0.940099	1.01848	1.01848	0.410924	1.22738	1.22738	0.216414	1.37295	1.37295	1.28786	1.21104	0.835868	1
cg15900051	SNX9	0.366006	0.164944	1.82786	1.82786	0.100991	0.481281	-2.07779	0.180519	0.56047	-1.78422	0.356107	1.47178	1.47178	0.654807	1.20109	1.20109	0.366621	1.45884	1.45884	0.832682	1.08996	1.08996	0.793215	0.898556	-1.1129	0.600306	0.806332	-1.24018	1.28783	3.38129	2.33383	1
cg25748647	MAPKAPK2;MAPKAPK2	0.366015	0.75336	0.914343	-1.09368	0.162813	1.52693	1.52693	0.194793	1.47643	1.47643	0.974331	0.990901	-1.00918	0.379727	1.29175	1.29175	0.277465	1.37832	1.37832	0.689739	0.892257	-1.12075	0.14685	1.55633	1.55633	0.187238	0.672265	-1.48751	1.28781	1.64614	1.13622	1
cg25949363	TMEM92;TMEM92	0.366017	0.72225	0.868052	-1.152	0.113079	1.98123	1.98123	0.767648	0.889171	-1.12464	0.392918	1.4148	1.4148	0.169284	1.78704	1.78704	0.058075	2.33793	2.33793	0.257136	1.59821	1.59821	0.913859	1.04383	1.04383	0.290247	1.54522	1.54522	1.28781	3.20599	2.21289	1
cg17949255	TOB1	0.366026	0.705796	1.07091	1.07091	0.195226	1.2808	1.2808	0.142654	1.32931	1.32931	0.087806	1.40548	1.40548	0.741037	1.06174	1.06174	0.407149	1.16554	1.16554	0.547614	1.1162	1.1162	0.0388537	1.54043	1.54043	0.514301	1.1269	1.1269	1.28778	0.665601	0.459429	1
cg13952988	RPLP0;RPLP0	0.366032	0.284721	1.19357	1.19357	0.943616	1.01133	1.01133	0.922501	0.984624	-1.01562	0.358713	1.16217	1.16217	0.0516353	1.42295	1.42295	0.744515	0.949261	-1.05345	0.487353	1.11892	1.11892	0.288628	1.19174	1.19174	0.0644564	1.39206	1.39206	1.28777	0.517177	0.356984	1
cg03239422	CRYL1	0.366035	0.205487	0.586257	-1.70574	0.223989	0.600067	-1.66648	0.138641	0.528705	-1.89141	0.346678	1.47317	1.47317	0.176389	0.562927	-1.77643	0.522044	0.771505	-1.29617	0.611138	0.81465	-1.22752	0.18491	0.569989	-1.75442	0.473019	1.33881	1.33881	1.28776	3.25979	2.2501	1
cg26134147	AP1G2	0.366046	0.0664146	1.55291	1.55291	0.457875	0.850763	-1.17541	0.782941	1.06082	1.06082	0.598136	1.12044	1.12044	0.193763	1.34175	1.34175	0.406219	1.19921	1.19921	0.678031	0.91461	-1.09336	0.361377	0.818242	-1.22213	0.298034	0.794029	-1.2594	1.28774	0.932241	0.643501	1
cg01109289	AFF3;AFF3	0.366056	0.982795	0.990888	-1.0092	0.911257	1.04847	1.04847	0.507794	1.33007	1.33007	0.944588	0.970922	-1.02995	0.0305607	0.34	-2.94118	0.556637	1.28711	1.28711	0.491405	0.743275	-1.3454	0.823847	1.09927	1.09927	0.134704	0.504278	-1.98303	1.28771	3.67548	2.53713	1
cg03751356	ZNF789;ZNF789	0.366061	0.112193	0.557185	-1.79474	0.961827	1.01632	1.01632	0.468649	1.28317	1.28317	0.115177	0.560337	-1.78464	0.574045	0.825257	-1.21174	0.868296	0.945424	-1.05773	0.207972	1.56667	1.56667	0.862273	0.942972	-1.06048	0.191442	0.626448	-1.5963	1.2877	2.33217	1.60988	1
cg05819594	TBC1D24	0.366063	0.122315	0.60977	-1.63996	0.355371	0.755137	-1.32426	0.588995	0.851171	-1.17485	0.413835	0.781312	-1.2799	0.0974728	0.58438	-1.71122	0.110517	0.598251	-1.67154	0.316958	0.736673	-1.35746	0.0714621	0.55175	-1.81241	0.268003	0.711167	-1.40614	1.28769	1.77978	1.22857	1
cg17740406	LYRM4;LYRM4;LYRM4;FARS2;LYRM4;LYRM4;LYRM4	0.366069	0.444711	1.54727	1.54727	0.778789	0.854049	-1.17089	0.447293	1.54331	1.54331	0.917344	1.05988	1.05988	0.125509	0.394988	-2.53172	0.939012	1.0438	1.0438	0.0486085	0.283091	-3.53243	0.449132	1.5405	1.5405	0.68357	1.25808	1.25808	1.28768	6.401	4.41863	1
cg04826355	ZFYVE28	0.36607	0.579085	0.898848	-1.11254	0.165406	1.32522	1.32522	0.64934	1.09102	1.09102	0.840546	1.03908	1.03908	0.234681	0.788938	-1.26753	0.733147	1.0673	1.0673	0.0550454	1.51287	1.51287	0.634495	0.912883	-1.09543	0.461843	0.867138	-1.15322	1.28768	0.738667	0.509905	1
cg01386978	PARK2;PARK2;PARK2	0.366073	0.841622	0.911514	-1.09708	0.654298	0.811614	-1.23211	0.100056	0.434099	-2.30362	0.642521	0.805355	-1.24169	0.0320137	0.312422	-3.2008	0.254065	0.576063	-1.73592	0.77165	1.14426	1.14426	0.899415	1.06031	1.06031	0.285129	0.598021	-1.67218	1.28767	4.37349	3.01906	1
cg08909756	ALDH1L2;ALDH1L2	0.366077	0.387164	0.598244	-1.67156	0.47326	0.655227	-1.52619	0.919119	0.94283	-1.06064	0.423481	1.60611	1.60611	0.0369135	0.245445	-4.07423	0.785771	0.853928	-1.17106	0.105719	0.359066	-2.785	0.689985	0.792643	-1.2616	0.295732	0.533422	-1.87469	1.28766	6.85076	4.72917	1
cg11533159	HDGF2;HDGF2	0.366078	0.67146	0.922222	-1.08434	0.0848889	1.43564	1.43564	0.111494	1.38956	1.38956	0.759481	1.06001	1.06001	0.333094	1.20863	1.20863	0.587275	0.901215	-1.10961	0.802488	1.04871	1.04871	0.944665	1.01326	1.01326	0.0838808	1.43768	1.43768	1.28766	0.734543	0.507066	1
cg20095237	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.366079	0.458047	0.773096	-1.2935	0.546956	1.23071	1.23071	0.656854	1.16448	1.16448	0.375524	1.36308	1.36308	0.271115	0.676924	-1.47727	0.527646	1.24352	1.24352	0.0456721	0.45825	-2.18221	0.414064	1.32891	1.32891	0.685428	1.14877	1.14877	1.28765	2.36541	1.63288	1
cg01448853	GRB10;GRB10;GRB10;GRB10;GRB10	0.366082	0.694288	1.26534	1.26534	0.0741495	3.27249	3.27249	0.0307968	4.53184	4.53184	0.882919	1.09176	1.09176	0.896079	0.925099	-1.08097	0.624259	1.34194	1.34194	0.698213	0.792843	-1.26128	0.404412	1.66241	1.66241	0.979637	0.984909	-1.01532	1.28765	7.2385	4.99688	1
cg01234299	FTCD;FTCD	0.366083	0.39072	0.820963	-1.21808	0.514827	1.15969	1.15969	0.92727	1.02069	1.02069	0.991228	0.997537	-1.00247	0.0167488	0.519459	-1.92508	0.644385	0.900991	-1.10989	0.397555	0.823403	-1.21447	0.420841	0.831547	-1.20258	0.837034	0.954851	-1.04728	1.28764	1.02614	0.708364	1
cg22957691	FEZ2;FEZ2	0.366084	0.948438	0.970069	-1.03085	0.545658	1.3329	1.3329	0.599179	0.779426	-1.283	0.897134	0.941035	-1.06266	0.98003	1.01183	1.01183	0.252588	1.75333	1.75333	0.103889	2.30607	2.30607	0.0336222	3.2094	3.2094	0.565224	1.31412	1.31412	1.28764	4.50245	3.10814	1
cg00246693	FLJ32810	0.366111	0.803986	0.926566	-1.07925	0.116121	0.592303	-1.68833	0.124655	0.600577	-1.66507	0.0820605	0.553835	-1.80559	0.27862	0.707861	-1.41271	0.616106	0.856379	-1.16771	0.429741	1.28046	1.28046	0.451632	0.790409	-1.26517	0.249692	0.691448	-1.44624	1.28758	1.91823	1.32427	1
cg14792548	SMG6;SMG6	0.366116	0.721616	1.13334	1.13334	0.335099	0.706259	-1.41591	0.392626	1.35852	1.35852	0.460817	0.76898	-1.30042	0.34741	1.40283	1.40283	0.122404	0.556722	-1.79623	0.115139	1.8209	1.8209	0.397398	1.35415	1.35415	0.783919	1.10094	1.10094	1.28756	2.49609	1.72321	1
cg23916044	BSCL2;BSCL2;BSCL2	0.366117	0.192888	0.536497	-1.86394	0.333205	1.56996	1.56996	0.102169	2.24412	2.24412	0.828493	1.103	1.103	0.232084	0.56761	-1.76177	0.524392	0.747131	-1.33845	0.335313	0.638288	-1.56669	0.34119	0.641976	-1.55769	0.999202	0.999548	-1.00045	1.28756	4.1639	2.87461	1
cg12536527	CACNA2D1	0.366117	0.356877	0.545928	-1.83174	0.154721	2.64556	2.64556	0.412782	1.7072	1.7072	0.301194	0.504475	-1.98226	0.083654	0.294372	-3.39707	0.704004	0.783634	-1.27611	0.648141	0.745666	-1.34108	0.614106	1.3837	1.3837	0.355476	0.54491	-1.83517	1.28756	8.31999	5.74385	1
cg06370069	CHST3	0.366121	0.395467	0.434374	-2.30216	0.0307775	0.087977	-11.3666	0.0735309	0.147829	-6.76457	0.925612	1.09361	1.09361	0.457812	0.484602	-2.06355	0.376318	0.418989	-2.3867	0.387169	0.427707	-2.33805	0.842467	0.826416	-1.21004	0.998761	1.00149	1.00149	1.28755	18.7213	12.9246	1
cg12071328	NELL1;NELL1	0.366122	0.728379	0.856439	-1.16763	0.481562	1.37435	1.37435	0.582334	1.28006	1.28006	0.628411	1.24207	1.24207	0.465155	1.39155	1.39155	0.653868	1.22217	1.22217	?	?	?	0.0341578	0.333284	-3.00044	0.415431	1.44774	1.44774	1.2839	3.57134	2.78163	1
cg21672855	ZFAT;ZFAT;ZFAT	0.366125	0.969388	0.987599	-1.01256	0.0220252	0.40939	-2.44266	0.331101	0.721744	-1.38553	0.655416	0.864112	-1.15726	0.681038	0.874243	-1.14385	0.966352	1.01381	1.01381	0.368839	1.35003	1.35003	0.625547	0.852208	-1.17342	0.262257	0.683789	-1.46244	1.28754	2.15617	1.48857	1
cg17199010	TNRC18	0.366131	0.682213	1.24139	1.24139	0.058931	3.06589	3.06589	0.038951	3.50931	3.50931	0.388083	1.59144	1.59144	0.57674	0.743659	-1.3447	0.673584	1.24924	1.24924	0.802476	1.14071	1.14071	0.750906	1.18208	1.18208	0.910552	0.942681	-1.0608	1.28753	5.62564	3.88386	1
cg13139848	TANC2	0.366142	0.893119	0.936066	-1.0683	0.180997	2.0098	2.0098	0.798395	1.13405	1.13405	0.641928	1.2588	1.2588	0.0797018	0.384482	-2.6009	0.240602	0.546717	-1.8291	0.212514	0.524477	-1.90666	0.706709	1.20416	1.20416	0.377668	0.640894	-1.56032	1.2875	4.92565	3.40066	1
cg25343388	MIR589;FBXL18	0.366143	0.231083	0.447365	-2.23531	0.154988	0.37736	-2.64999	0.821053	0.864964	-1.15612	0.751774	0.816126	-1.2253	0.066046	0.267031	-3.74488	0.183775	0.405369	-2.46689	0.112927	0.331281	-3.01859	0.147694	0.369873	-2.70363	0.380892	0.56242	-1.77803	1.2875	8.3605	5.77209	1
cg02493986	NACC2	0.366144	0.46034	0.779278	-1.28324	0.637241	0.854196	-1.17069	0.236314	0.662517	-1.5094	0.887603	1.04804	1.04804	0.534143	1.23232	1.23232	0.0703987	1.95613	1.95613	0.672922	1.15128	1.15128	0.391364	0.747236	-1.33826	0.16879	0.614792	-1.62657	1.2875	2.24462	1.54969	1
cg19030607	FAM19A5	0.366144	0.637928	1.06219	1.06219	0.240173	1.16944	1.16944	0.469005	1.09831	1.09831	0.56586	1.07667	1.07667	0.307131	1.14404	1.14404	0.377464	0.89113	-1.12217	0.116668	0.804956	-1.2423	0.115626	1.24321	1.24321	0.911613	1.01423	1.01423	1.28749	0.330339	0.228067	1
cg25117975	FOXN3;FOXN3	0.366149	0.84464	1.07361	1.07361	0.459003	0.761116	-1.31386	0.805689	0.914637	-1.09333	0.112575	0.535067	-1.86893	0.0262611	0.385068	-2.59694	0.581984	1.22297	1.22297	0.861192	0.938602	-1.06541	0.803862	1.09427	1.09427	0.72827	0.881375	-1.13459	1.28748	2.67261	1.8452	1
cg06818217	RMST	0.36615	0.333997	0.461155	-2.16847	0.478175	1.7509	1.7509	0.629969	1.45802	1.45802	0.0832208	0.225437	-4.43584	0.187592	0.337965	-2.95888	0.218346	0.365767	-2.73398	0.131636	0.282459	-3.54034	0.619946	0.678183	-1.47453	0.335513	0.462345	-2.16289	1.28748	12.3038	8.49464	1
cg18199266	CLEC4F	0.366156	0.34806	1.37944	1.37944	0.0895675	0.536228	-1.86488	0.0703086	0.509863	-1.96131	0.66433	0.8647	-1.15647	0.69675	0.877746	-1.13928	0.651589	1.16341	1.16341	0.914259	0.964776	-1.03651	0.845967	1.0669	1.0669	0.344905	1.38253	1.38253	1.28747	2.26051	1.56069	1
cg10314172	HSPC159	0.366159	0.322514	0.763981	-1.30893	0.130749	1.53708	1.53708	0.806345	1.06684	1.06684	0.327011	0.76601	-1.30547	0.72086	0.909812	-1.09913	0.565207	1.16551	1.16551	0.0970731	0.618948	-1.61564	0.415899	1.2449	1.2449	0.412136	0.801793	-1.2472	1.28746	1.41505	0.976981	1
cg18836493	KIT;KIT	0.36617	0.620316	1.15996	1.15996	0.0200176	2.30246	2.30246	0.715381	0.896899	-1.11495	0.278188	1.39801	1.39801	0.90437	1.03636	1.03636	0.156129	1.56958	1.56958	0.947709	1.01968	1.01968	0.839916	1.06194	1.06194	0.714116	1.11552	1.11552	1.28743	1.80014	1.24288	1
cg07485723	COL23A1	0.366175	0.731425	0.721496	-1.38601	0.309454	2.70883	2.70883	0.0716493	0.14873	-6.7236	0.701304	0.694102	-1.44071	0.569016	0.579649	-1.72518	?	?	?	0.503904	1.90141	1.90141	?	?	?	0.261865	3.02976	3.02976	1.2788	14.1401	12.6369	1
cg27108167	TIAL1;TIAL1	0.366177	0.795632	1.07305	1.07305	0.389769	0.787105	-1.27048	0.691422	0.897295	-1.11446	0.187372	1.46163	1.46163	0.64676	0.882201	-1.13353	0.160569	0.665541	-1.50254	0.0877153	0.599311	-1.66858	0.55615	1.17551	1.17551	0.411913	1.25595	1.25595	1.28741	1.50443	1.03872	1
cg16328610	DOPEY1	0.366179	0.15899	1.29035	1.29035	0.0796135	0.719324	-1.39019	0.43887	0.874854	-1.14305	0.651642	0.925926	-1.08	0.804582	0.958891	-1.04287	0.53903	0.900041	-1.11106	0.339721	0.84652	-1.18131	0.228397	1.23871	1.23871	0.553648	0.903519	-1.10678	1.28741	0.584653	0.403672	1
cg12289926	LRP5	0.36618	0.487414	0.814947	-1.22707	0.230187	1.44069	1.44069	0.0896335	0.581158	-1.7207	0.78677	1.08182	1.08182	0.720416	0.901012	-1.10986	0.124086	0.616922	-1.62095	0.377094	0.768838	-1.30066	0.233641	0.696164	-1.43644	0.329146	0.74669	-1.33924	1.28741	1.71523	1.18428	1
cg10141801	GUCY2E	0.366181	0.316633	1.14916	1.14916	0.213803	1.19219	1.19219	0.828389	1.02958	1.02958	0.176013	1.21313	1.21313	0.274809	1.16484	1.16484	0.699788	1.05341	1.05341	0.133655	1.24266	1.24266	0.123022	1.25155	1.25155	0.271495	0.857503	-1.16618	1.2874	0.367723	0.253894	1
cg25145840	SH3PXD2B	0.366182	0.417587	1.26583	1.26583	0.471206	0.811745	-1.23191	0.508698	1.21019	1.21019	0.434707	1.25459	1.25459	0.726005	1.1053	1.1053	0.339551	1.32328	1.32328	0.0251018	2.13438	2.13438	0.540035	1.19307	1.19307	0.167168	1.52051	1.52051	1.2874	1.65109	1.14	1
cg00117869	LHPP;LHPP	0.366185	0.726242	1.09603	1.09603	0.185655	1.44209	1.44209	0.206627	0.706482	-1.41546	0.424429	1.23713	1.23713	0.103522	0.62848	-1.59114	0.297272	1.32562	1.32562	0.330436	1.29949	1.29949	0.867363	0.957335	-1.04457	0.953889	1.0152	1.0152	1.2874	1.38743	0.957961	1
cg15844365	NFU1;NFU1;NFU1;NFU1	0.36619	0.416336	2.36997	2.36997	0.82429	1.25984	1.25984	0.68792	0.657425	-1.52109	0.733371	1.42641	1.42641	0.671579	0.642119	-1.55734	0.878588	1.17208	1.17208	0.0625929	8.81665	8.81665	0.130154	5.46337	5.46337	0.0798716	7.52896	7.52896	1.28738	21.9988	15.1894	1
cg16347359	NUP93	0.366192	0.153359	0.702986	-1.4225	0.346974	0.799928	-1.25011	0.210923	0.737975	-1.35506	0.629634	1.11852	1.11852	0.935978	0.981652	-1.01869	0.503338	0.855082	-1.16948	0.48693	1.17682	1.17682	0.146805	1.43183	1.43183	0.293796	1.28533	1.28533	1.28738	1.08339	0.748041	1
cg15985344	MAEA;MAEA	0.366198	0.0878088	1.87147	1.87147	0.883955	0.952581	-1.04978	0.692065	1.14158	1.14158	0.404964	0.753197	-1.32767	0.0621971	0.497409	-2.01042	0.847602	1.06609	1.06609	0.550193	0.817848	-1.22272	0.875876	1.05337	1.05337	0.410341	0.755745	-1.3232	1.28736	2.2559	1.55764	1
cg06070324	PPCDC	0.366209	0.610934	0.78971	-1.26629	0.0822711	2.42491	2.42491	0.0870952	2.38539	2.38539	0.94435	0.968387	-1.03264	0.946748	1.03121	1.03121	0.421885	1.45868	1.45868	0.483929	1.38728	1.38728	0.503788	0.731843	-1.36641	0.303157	0.612144	-1.6336	1.28734	4.31717	2.98095	1
cg12134798	FNDC5	0.366214	0.215909	1.29569	1.29569	0.429225	0.85171	-1.17411	0.529026	0.880869	-1.13524	0.822116	1.04581	1.04581	0.137179	1.37498	1.37498	0.660038	1.09203	1.09203	0.0668347	1.50483	1.50483	0.543522	0.88488	-1.1301	0.672956	0.919024	-1.08811	1.28732	0.806593	0.556947	1
cg13603914	ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;ANK1;MIR486	0.36622	0.661396	1.25713	1.25713	0.156468	2.19684	2.19684	0.0234734	4.07639	4.07639	0.329465	1.68631	1.68631	0.505168	1.4206	1.4206	0.437171	1.50912	1.50912	0.211978	1.9791	1.9791	0.726801	1.19976	1.19976	0.786753	0.868672	-1.15118	1.28731	5.49622	3.79514	1
cg15724256	EN1	0.366225	0.447177	0.485129	-2.06131	0.992545	1.00876	1.00876	0.596685	0.607375	-1.64643	0.440855	0.480061	-2.08307	0.141132	4.38268	4.38268	0.510321	0.536079	-1.8654	0.401513	0.448575	-2.22928	0.479263	1.95721	1.95721	0.0696874	6.64623	6.64623	1.2873	17.7721	12.2718	1
cg24582934	C13orf15	0.366228	0.140191	0.455444	-2.19566	0.0911766	0.397708	-2.51441	0.124993	0.439112	-2.27732	0.106602	0.417622	-2.39451	0.495378	0.709579	-1.40929	0.85282	0.91207	-1.09641	0.198857	0.510257	-1.9598	0.350514	0.621128	-1.60997	0.820689	1.11908	1.11908	1.28729	5.00727	3.45758	1
cg19257979	RALGAPB	0.36623	0.758476	0.971776	-1.02904	0.684085	0.962736	-1.03871	0.315262	1.10119	1.10119	0.577404	1.05364	1.05364	0.263151	0.897365	-1.11437	0.917946	1.00961	1.00961	0.0242558	0.779325	-1.28316	0.678111	0.961996	-1.03951	0.759332	0.971878	-1.02894	1.28729	0.17569	0.121316	1
cg09254098	JMJD1C;JMJD1C	0.36623	0.9356	0.974326	-1.02635	0.396142	1.32269	1.32269	0.605317	1.18267	1.18267	0.0349506	0.453412	-2.2055	0.181938	1.57774	1.57774	0.937955	0.975256	-1.02537	0.929199	1.02901	1.02901	0.418336	0.766314	-1.30495	0.823214	0.930515	-1.07467	1.28729	2.11183	1.45825	1
cg14452619	PTPRD;PTPRD;PTPRD;PTPRD;PTPRD;PTPRD	0.366234	0.399008	0.652267	-1.53311	0.11577	0.429116	-2.33037	?	?	?	0.322422	1.65837	1.65837	0.109702	0.421915	-2.37015	0.885852	0.931383	-1.07367	0.586151	0.761816	-1.31265	0.568546	0.751864	-1.33003	0.328474	1.64731	1.64731	1.28362	4.42565	3.44778	1
cg23893346	NOTCH4	0.366236	0.199124	0.527279	-1.89653	0.952172	1.0287	1.0287	0.36054	0.641843	-1.55801	0.219985	0.544231	-1.83746	0.0617935	0.370735	-2.69734	0.176531	0.50776	-1.96943	0.115615	0.446264	-2.24082	0.180117	0.510949	-1.95714	0.763293	0.867207	-1.15313	1.28727	4.53667	3.13267	1
cg13311758	APEX2;APEX2	0.366238	0.0848277	0.0506476	-19.7443	0.930038	0.871587	-1.14733	0.939155	1.12692	1.12692	0.229804	7.18566	7.18566	0.20105	8.27695	8.27695	0.2229	0.134716	-7.42303	?	?	?	0.897115	0.816703	-1.22444	0.982038	0.965378	-1.03586	1.28361	44.2673	34.4865	1
cg14468720	GRAMD1C	0.36624	0.242308	1.92141	1.92141	0.279943	0.549136	-1.82104	0.41521	0.641181	-1.55962	0.164534	0.453201	-2.20653	0.834533	0.894375	-1.1181	0.612043	1.31382	1.31382	0.065044	0.33103	-3.02088	0.711414	0.820114	-1.21934	0.627441	1.29824	1.29824	1.28726	5.80635	4.00945	1
cg05236530	PEX5;PEX5;PEX5;PEX5;PEX5	0.366245	0.686401	1.10951	1.10951	0.219325	0.718407	-1.39197	0.321503	0.769338	-1.29982	0.260077	0.74025	-1.3509	0.537708	0.852345	-1.17323	0.291369	0.755546	-1.32355	0.0756782	1.659	1.659	0.579546	1.15406	1.15406	0.769607	0.927564	-1.07809	1.28725	1.33637	0.922808	1
cg21258596	HLCS	0.366253	0.103603	0.55706	-1.79514	0.831715	1.07245	1.07245	0.430299	1.30293	1.30293	0.19911	0.64019	-1.56204	0.193755	0.636371	-1.57141	0.825467	0.929977	-1.0753	0.222632	0.656221	-1.52388	0.321472	1.40029	1.40029	0.392685	0.749893	-1.33352	1.28723	2.20268	1.52105	1
cg17583733	LRPAP1	0.366258	0.641913	0.812254	-1.23114	0.456232	1.40064	1.40064	0.483257	0.728792	-1.37213	0.63404	1.23732	1.23732	0.536101	1.32075	1.32075	0.310956	1.59277	1.59277	0.557049	1.30175	1.30175	0.720313	1.17309	1.17309	0.0322308	0.328367	-3.04538	1.28722	4.01933	2.77555	1
cg08799778	LMF1	0.366266	0.177391	0.537521	-1.86039	0.500724	0.743809	-1.34443	0.479655	1.36503	1.36503	0.864716	1.07664	1.07664	0.0403261	0.358542	-2.78908	0.906427	1.05224	1.05224	0.137149	0.499894	-2.00042	0.481802	0.733735	-1.36289	0.688593	0.839913	-1.1906	1.2872	3.82301	2.64002	1
cg21512370	LPAR6;LPAR6;RB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16252584	ANKLE2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg13313294	CAB39;CAB39;CAB39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08209724	MIR632;ZNF207;ZNF207;ZNF207	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02802109	TTC17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg16775289	OAF	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg05228945	C17orf90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg19731233	FER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg15830441	N6AMT2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg18463242	HSPA9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg07306605	FLT1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg08944986	LCP1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22688535	PRDM16;PRDM16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg11211486	FYCO1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27455781	IGDCC3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02103401	EPM2AIP1;MLH1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg02013957	CAGE1;RIOK1;CAGE1;CAGE1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23277659	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27578811	CPEB1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04802248	SEC22C;SEC22C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg14055374	MAF;MAF;MAF;MAF	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg12872357	RAB32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg06358564	DEF8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg04184042	HNRNPUL2;TTC9C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg20923498	INPP4A;INPP4A;INPP4A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg26533023	ANKRD11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg24759337	LOC643323	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg27103642	PTPRN2;PTPRN2;PTPRN2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg03066550	LOC642361	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg22856005	GABARAP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
cg23178322	FXR2;FXR2;SHBG	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	p-value(1057 vs. 047 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1217 vs. 1127 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. 477 vs. N)	Fold-Change(3-vs-3537 vs. N)	p-value(3537 vs. 537 vs. N)	Fold-Change(3-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. 377 vs. N)	Fold-Change(5-vs-5637 vs. N)	p-value(5637 vs. 637 vs. N)	Fold-Change(5-vs-5637 vs. N)	F(Treat)	SS(Test)	SS(Error)	F(Error)
ug0473933	SORCS2		0.8768	0.953577	-1.04868	0.920491	0.969872	-1.03106	0.880381	0.55255	-1.80979	0.598355	0.176989	1.17689	0.213666	0.669508	-1.49364		0.248836	1.44665	1.44665	0.0955543	0.57062	-1.75248	0.778305	0.972153	-1.00033	0.73373	0.900667	0.11029	1.28683	1.91341	1.3217		
ug0224164	GRK4;NOP14;GRK4;GRK4		0.366418	0.444441	0.705422	-1.41759	0.772702	0.878416	-1.13841	0.438221	1.44262	1.42466	0.0781387	0.416414	-2.40145	0.667949	0.824347	-1.21308		0.142993	0.494288	-2.02311	0.0860124	0.427769	-2.33771	0.400652	0.680397	-1.46973	0.267446	0.596243	-1.67717	1.28683	4.08336	2.82062		
ug0787936	CHRNB2;CHRNB2		0.366419	0.328368	1.14087	1.14087	0.0313413	1.39085	1.39085	0.46028	1.03919	1.03919	0.581837	0.929919	-1.07536	0.851834	1.02473	1.02473		0.541689	0.92247	-1.08405	0.284613	0.864851	-1.15627	0.867372	0.978403	-1.02207	0.681407	1.05541	1.05541	1.28682	0.34779	0.24024		
ug1347154	PPIL3;PPIL3;PPIL3		0.531163	0.75772	-1.31975	0.0287056	0.323392	-3.09118	0.134675	0.493091	-2.02466	0.959123	0.02267	1.02267	0.148053	0.507294	1.97124		0.783119	0.885403	-1.12943	0.80522	1.11412	1.11412	0.501755	0.742163	-1.34741	0.553341	0.769312	-1.29986	1.28682	3.89855	2.69297		
ug1182432	GPR88		0.366424	0.784626	0.789977	-1.26586	0.321332	2.6151	2.4151	0.341242	-2.31698	0.770912	0.777816	-1.28565	0.600064	0.634269	-1.57662		0.792916	0.797384	-1.2541	0.760854	0.776883	-1.2872	0.838382	1.19214	1.19214	0.024038	10.1375	10.1375	1.28681	15.0933	10.426		
ug1689739	RASAL1		0.366426	0.531202	0.710458	-1.40754	0.313818	0.570395	-1.75317	0.030441	2.053878	-3.9389	0.803847	0.874483	-1.14353	0.0985003	0.736627	-2.65515		0.598885	0.753124	-1.33118	0.208212	0.480145	-2.04438	0.505929	0.605062	-1.65312	-4.83872	0.801709	1.14525	1.14525	1.28681	5.91964	4.08911		
ug2450527	NKIRAS2;DNAJC7;DNAJC7;DNAJC7		0.366428	0.180688	0.701149	-1.42623	0.0384375	1.82044	1.82044	0.708946	1.09818	1.09818	0.581576	0.870205	-1.14915	0.646494	0.891056	-1.12226		0.504857	0.844489	-1.18415	0.375135	0.796628	-1.25529	0.73443	1.08877	1.08877	0.921599	0.975711	-1.02489	1.2868	1.72153	0.878337		
ug1052082	AHNAK2;AHNAK2		0.366428	0.0998898	0.192427	-2.56824	0.307514	2.15597	1.21597	0.910799	0.945512	-1.05986	0.494535	0.697762	-1.43315	0.162274	0.457141	-2.16854		0.295649	0.569713	-1.75527	0.2367515	0.549225	-1.82075	0.225907	1.59421	1.59421	0.242677	0.593001	-1.68572	1.2868	5.48522	3.78905		
ug0728436	TMEM82;TMEM82		0.366434	0.939692	1.01075	0.810475	0.852445	1.02556	1.02556	0.838404	1.08201	1.08201	0.765856	0.958672	-1.04311	0.3411	0.870754	-1.14871		0.262391	1.17957	1.17957	0.801125	0.964958	-1.03613	0.938983	1.38696	1.38696	0.129666	1.26033	1.26033	1.28679	0.407045	0.281179		
ug1896101	KCNA6;KCNA6		0.366434	0.536213	1.49344	1.49344	0.123009	2.91518	2.91518	0.0456427	4.33808	4.33808	0.242344	2.18916	2.18916	0.92238	0.9395O1	-1.06439		0.223095	2.26991	2.26991	0.425008	1.68484	1.68484	0.64092	1.35092	1.35092	0.48348	0.633814	-1.57775	1.28679	8.35623	5.77233		
ug0015639	NRL		0.366443	0.415523	0.0937	-1.06703	0.0933131	1.12551	1.12551	0.0966888	1.48895	1.4689	0.213487	0.794938	-1.25283	0.0966888	0.775777	-1.28973		0.884076	1.09103	-1.09465	0.632604	0.839209	0.967667	-1.03351	0.914587	-1.09329	0.973712	1.0064	1.0064	1.28675	0.763332	0.552731		
ug0813034	DAAM1		0.366449	0.170514	0.753912	-1.32641	0.539746	1.12767	1.12767	0.994726	0.998722	-1.00128	0.99392	1.00148	0.172961	1.32401	1.32401		0.569331	1.894667	-1.11773	0.0497006	0.648374	-1.54232	0.647105	0.914667	-1.09329	0.973712	1.0064	1.0064	1.28675	0.763332	0.552731		
ug0715201	CELSR2		0.366452	0.252771	1.29381	1.29381	0.290807	0.203078	-1.08592	0.783249	1.06127	1.06127	0.564907	1.15391	1.15391	0.309453	1.2584	1.2584		0.413627	1.15746	1.19746	0.0222104	1.836602	1.80602	0.50025	1.15898	1.15898	0.588621	0.888919	-1.12496	1.28674	0.947558	0.654647		
ug1116522	SV2B;SV2B		0.366453	0.680751	0.878148	-1.13876	0.766143	0.910572	-1.09821	0.637693	0.930009	-1.07526	0.97043	1.01171	0.04038T7	2.1036	2.1036		0.158571	0.622906	-1.60538	0.232061	1.48239	1.48239	0.678165	1.14005	1.14005	0.844378	1.06367	1.06367	1.28674	2.01041	1.3888		
ug1797159	CPS1;CPS1;CPS1		0.366459	0.285793	0.72234	-1.38439	0.274983	0.761598	-1.39548	0.720658	0.900001	-1.1111	0.773854	0.918945	-1.0882	0.132053	0.620692	-1.6111		0.319986	1.3519	1.3519	0.143067	1.5869	0.533652	1.20318	0.484017	1.23205	1.23205	1.28673	1.75434	1.21192		
ug1219166	UVRAG		0.366466	0.809034	0.870426	-1.14886	0.496954	1.25443	1.25443	0.973523	1.00897	1.00897	0.947806	0.969625	-1.05305	0.309448	0.750945	-1.33166		0.863172	1.0475	1.0475	0.930944	1.13049	1.13049	0.651357	0.884816	-1.13038	0.0272448	0.495124	-2.01969	1.28671	1.47482	1.01884		
ug1017504	MKX		0.36647	0.350212	0.896942	-1.1149	0.496954	0.08113	1.08113	0.264439	1.14061	1.14061	0.421323	0.911251	-1.09739	0.982504	1.00248	1.00248		0.226014	0.866058	-1.15466	0.274445	0.879304	-1.13726	0.242637	1.14833	1.14833	0.186339	1.17171	1.17171	1.2867	0.260729	0.180119		
ug0165018	HOXD9		0.366467	0.148336	3.0371	3.0371	0.279486	0.896338	-1.11565	0.761462	2.7357	2.7357	0.164422	2.59786	2.59786	0.0807477	4.13154	4.13154		0.166484	2.02877	2.02877	0.416234	1.82442	1.82442	0.109504	2.17432	2.17432	0.837704	0.862473	-1.15946	1.31661	10.618	6.27252		
ug1753477	ASNS;ASNS;ASNS		0.366475	0.199523	0.533114	-1.87577	0.922702	1.25443	1.25443	0.973523	1.08207	1.08207	0.24808	1.85106	1.85106	0.718897	1.58262	1.58262	0.157634	0.495975	-2.01623		0.873836	1.07653	1.07653	0.149273	0.462483	-2.16224	0.199635	0.533207	-1.87544	0.631659	0.799197	-1.25126	1.28669	4.38868	3.03185		
ug2741706	KIAA0146		0.366481	0.710291	0.937496	-1.06667	0.886759	0.975654	-1.02495	0.251321	0.812764	-1.23037	0.303061	0.831496	-1.20265	0.291688	1.20834	1.20834		0.252915	1.22944	1.22944	0.101587	1.36348	1.36348	0.227588	1.24495	1.24495	0.828867	1.03815	1.03815	1.28667	0.609722	0.421223		
ug0428975	CD276;CD276		0.366483	0.965185	1.01913	1.01913	0.789049	1.11741	1.12411	0.661674	0.406723	-2.45869	0.186681	1.47276	1.47276	0.87811	1.10532	1.10532		0.880036	1.06808	1.06808	0.639487	0.817372	-1.22354	0.0562262	0.336985	-2.96479	0.71275	1.17507	1.17507	1.28667	3.87878	2.67964		
ug0225870	MOGAT3		0.366487	0.853746	1.16292	1.16292	0.0377593	1.71581	2.17581	0.2942	2.43479	2.43479	0.559638	1.62012	0.191342	0.108637	1.08637		0.41804	0.508215	-1.96767	0.600482	0.649079	-1.54064	0.630353	1.48674	1.48674	0.129908	3.81166	3.81166	1.28666	13.6319	9.41763		
ug0521600	MTBP;MRPL13;MRPL13		0.366492	0.155577	0.402987	-2.48358	0.816436	0.567048	-1.76355	0.19732	1.37332	1.37332	0.677999	1.12736	0.887139	0.212973	1.45619	1.45619		0.623382	0.807777	-1.15237	0.0449543	0.579367	-1.72602	0.0210089	0.868479	-1.15356	0.602274	1.1626	1.1626	1.28665	1.17308	1.15586		
ug0140838	PIGA;PIGA		0.366501	0.278883	0.28343	-3.52821	0.942029	0.921785	-1.08485	0.644825	1.68169	1.68169	0.0973034	1.67261	1.67261	0.0564371	11.2313	11.2313		0.439227	0.413351	-2.41925	0.883748	0.848872	-1.17803	0.983698	1.02314	1.02314	0.921019	1.11746	1.11746	1.28662	25.5543	17.6547		
ug2698898	PTPN12;PTPN12;PTPN2		0.366519	0.852218	0.954727	-1.04742	0.106631	1.54911	1.54911	0.017192	1.6477	1.6477	0.58378	0.871574	-1.14735	0.428458	0.818052	-1.22242		0.488817	0.893712	-1.19088	0.397772	1.23998	0.626937	0.885428	1.1294	0.604997	0.878424	-1.1384	1.28658	1.25763	0.868886			
ug0557618	NGEF;NGEF;NGEF		0.366525	0.62532	0.809426	-1.23546	0.592134	1.01284	1.01284	0.969254	1.18592	1.18592	0.127125	1.64548	0.636418	0.782549	-1.27788	0.40552		0.603199	1.08803	1.08803	0.90352	1.18893	1.18893	0.313594	1.21194	1.21194	0.221942	1.54362	1.54362	1.28658	2.22122	1.53464		
ug1592935	PPAPDC1A		0.36653	0.221398	2.41921	2.41921	0.790594	1.20072	1.20072	0.868786	0.892582	-1.12035	0.0382535	0.191954	-5.20959	0.753211	1.24207	1.24207		0.196016	2.55935	2.55935	0.91295	1.07806	1.07806	0.605925	0.699296	-1.43001	0.859383	1.12962	1.12962	1.28655	9.62555	6.65036		
ug0447621	HS2ST1		0.36653	0.349248	0.739277	-1.3656	0.203854	0.764603	-1.30815	0.168746	1.05732	-1.05732	0.253088	0.598145	-1.67093	0.463292	0.804044	-1.2433		0.264763	0.79214	-1.26268	0.818797	0.812661	-1.23095	0.14723	0.616299	-1.62217	0.0230955	0.827194	0.575515	1.1				
ug0212912	FAM189A1		0.36654	0.125201	1.367202	-2.7233	0.269506	0.499503	-2.00199	0.730131	0.481209	-2.13229	0.287584	1.94746	1.94746	0.154453	0.246152	-6.06253		0.406488	1.58094	-1.66972	0.745004	0.82119	-1.21775	0.564766	0.703722	-1.42102	0.846737	1.88952	-1.12391	1.28652	1.74501	1.13011		
ug2537235	C10orf58		0.36654	0.175072	0.797599	-1.25376	0.994778	1.00103	1.00103	0.160799	1.26478	1.26478	0.763585	0.954245	-1.04795	0.248394	0.827616	-1.20829		0.216048	1.26646	1.26646	0.44009	0.883853	-1.13141	0.250511	1.20718	1.20718	0.663251	1.07112	1.07112	1.28652	0.501003	0.346156		
ug0605835	PHLDA3		0.366547	0.946166	0.955028	1.04707	0.90411	0.975911	1.02464	0.764703	1.1895	1.1895	0.300885	1.19514	1.19514	0.362563	1.45452		0.25876	1.07494	1.07494	0.947358	0.97558	-1.02511	0.548019	0.47058	-2.12554	0.801759	0.853999	-1.17096	0.92615	0.84019	0.82	0.54071		
ug0899758	OSE;TSPYL1;TSPYL1		0.366551	0.24003	1.35003	1.35003	0.55043	1.15881	1.15881	0.448792	1.20721	1.20721	0.340163	0.786765	-1.27103	0.954609	0.91398	-1.03198		0.515316	1.17462	1.17462	0.215894	1.35396	1.35396	0.31029	1.29192	1.29192	0.0340793	1.82325	1.82325	1.2865	1.21273	0.837919		
ug0545931	SMOC1;SMOC1		0.366557	0.0787	2.28539	2.28539	0.0314736	0.397705	-2.53801	0.100048	0.624447	-1.60203	0.0155533	0.255553	-3.91202	0.0155533	0.402344	-2.48566		0.620043	1.6121	1.6121	0.0373223	1.32223	0.757467	0.0373223	1.11413	1.11413	0.849465	1.09113	1.09113	1.28647	0.849425	0.595		
ug0896196	MFHAS1		0.366571	0.246924	0.6138	-1.6292	0.903968	0.952506	-1.04986	0.277781	1.57618	1.57618	0.425954	1.38782	1.38782	0.244844	0.612358	-1.63303		0.584408	0.800378	-1.24941	0.84543	0.463385	-2.15803	0.17157	0.556117	-1.79818	0.936362	0.96832	-1.03272	1.28645	3.31311	2.28798		
ug1891972	CPSF4L		0.366578	0.475111	0.648736	-1.54156	0.0392412	0.241389	-4.14269	0.093527	0.333209	-3.00112	0.96988	0.977755	-1.02275	0.28652	0.517146	-1.93369		0.204899	0.45069	-2.21882	0.334046	0.68719	-1.44533	0.222122	0.465636	-2.1476	0.974084	0.98149	-1.01886	1.28644	7.23276	4.99762		
ug0578779	GRB14		0.366581	0.577254	0.849107	-1.17787	0.760807	0.903078	-1.10681	0.160948	1.44177	1.44177	0.0410018	1.98888	1.98888	0.0400035	2.96767	2.96767		0.173566	1.18217	1.18217	0.154552	1.14196	1.14196	0.899843	1.18448	1.18448	0.764574	1.0649	1.0649	1.28643	0.802018	0.537063		
ug1637164	SYPL2		0.366609	0.899904	1.18635	1.18635	0.816638	0.729495	-1.37081	0.762784	0.662944	-1.50842	0.877967	1.23202	1.23202	0.660934	0.549156	-1.82098		0.613344	1.99836	1.99836	?	?	?	0.0176408	50.4116	50.4116	0.810259	0.721352	-1.38629	1.28269	33.2988	25.9602		
ug0508248	ATXN2		0.366628	0.409091	1.33264	1.33264	0.243334	2.56223	1.35622	0.524854	1.87514	1.37514	0.502044	1.60523	1.60523	0.0995333	2.56223	2.56223		0.519004	1.18043	1.18043	0.536815	1.16835	1.16835	0.761995	1.10554	1.10554	0.728308	1.10946	1.10946	1.28636	1.32096	0.871336		
ug1767205G	SNORA26;KIAA0114		0.366659	0.618155	0.602061	-1.66096	0.132439	0.51655	0.51655	0.664884	0.11056	8.11056	0.830185	0.805049	-1.24216	0.382721	2.46903	2.46903		0.725612	1.42729	1.42729	?	?	?	0.609717	0.594622	-1.68174	?	?	1.27768	16.0451	14.352		
ug1839175	OBSCN;OBSCN		0.36661	0.0975372	0.319243	-3.13241	0.64451	0.746923	-1.33883	0.758801	0.824131	-1.2134	0.603623	1.38952	1.38952	0.0796072	0.294675	-3.39356		0.628794	0.736437	-1.35789	0.599136	1.39531	1.39531	0.0888981	0.307757	-3.24931	0.52736	0.668858	-1.49509	1.28636	8.03557	5.55268		
ug1956924	HLA-DRB5		0.366614	0.553234	1.39801	1.39801	0.0910503	0.790449	-1.26479	0.0145135	0.742342	-1.34683	0.227342	0.703862	-1.42064	0.0695014	0.449813	-2.22353		0.438866	0.859696	-1.16312	0.0441758	0.504154	1.98264	0.0441758	0.710484	-1.38726	0.659613	0.619063	-1.61534	1.28635	0.93557	0.4925		
ug1875357	PLD4;PLD4		0.366616	0.866628	1.06494	1.06494	0.926835	0.966206	-1.03498	0.101505	0.511148	-1.95638	0.159583	0.569754	-1.75514	0.119652	0.531509	-1.88144		0.409337	1.37142	1.37142	0.3099	0.674821	-1.48187	0.580542	1.23234	1.23234	0.327561	0.685033	-1.45978	1.28634	2.85431	1.97239		
ug2760583	TRAP1		0.366621	0.624557	0.802445	-1.24611	0.902214	1.01016	1.01016	0.157887	0.850463	-1.17585	0.0133741	0.668881	0.604035	0.0475705	0.482749	-2.07156		0.328616	1.21421	1.21421	0.823407	0.824081	-1.21316	0.150802	1.15069	1.15069	0.0739399	1.23076	1.23076	1.28633	0.615976	0.459976		
ug0130752G	SETD1B		0.366625	0.825894	1.07492	1.07492	0.718979	0.888259	-1.1258	0.760815	1.10531	1.10531	0.60587	1.18611	1.18611	0.0415592	0.462738	-2.16105		0.176793	0.624484	-1.60132	0.266119	0.683874	-1.46226	0.552253	1.21797	1.21797	0.288054	0.696492	-1.43577	1.28632	2.19079	1.5139		
ug1636867	HIST1H1D		0.366625	0.277108	1.6041	1.6041	0.157076	0.904904	-1.41863	0.0615503	0.443868	-2.25141	0.0413563	0.204935	-4.88419	0.0413563	0.204935	-4.88419		0.288253	2.8189	2.8189	0.140432	1.50123	1.50123	0.0890329	0.926611	-1.07792	0.96232	0.914617	-1.09329	1.28631	4.62796	3.1		
ug1618959	NCRNA00185		0.366629	0.76737	1.2315	0.718196	1.2982	1.2902	0.505879	0.104258	0.960594	0.225219	0.440117	0.0106502	0.225219	0.440117	0.0106502	0.225219		0.133571	1.30078	1.30078	0.402946	0.954837	-1.04714	0.29863	0.543082	-1.84134	0.29863	0.468183	0.213286	1.28631	31.071	0.95942		
ug1414538	ANO10		0.366633	0.85515	0.954077	-1.04813	0.112492	1.55971	1.55971	0.604137	1.14403	1.14403	0.490055	1.19766	1.19766	0.202428	0.707364	-1.4137		0.526007	0.84764	-1.17975	0.110424	1.56444	1.56444	0.825095	1.05859	1.05859	0.228687	1.38403	1.38403	1.2863	1.34827	0.931714		
ug1999415	SBP2		0.366633	0.809502	1.06766	1.06766	0.145059	0.764545	-1.31745	0.0196	0.641349	-1.56011	0.0775401	0.128954	-7.75605	0.0775401	0.128954	-7.75605		0.183785	1.05729	1.05729	0.0898062	1.62197	-1.61946	0.566124	1.17027	0.236721	1.39946	1.39946	1.2863	1.42794	0.69466			
ug1407066	IL4MACR		0.366638	AMACR;AMACR;AMACR;AMACR;AMAC																											
ug2708789	INPP5A		0.366638	0.877389	0.961958	-1.03955	0.706216	0.909255	-1.0998	0.0751798	0.607906	-1.64499	0.827191	0.946558	-1.05646	0.0451141	0.561292	-1.7816		0.675241	1.11166	1.11166	0.482465	1.19641	1.19641	0.962064	1.01202	1.01202	0.339009	0.780691	-1.28092	1.28629	1.28562	0.88843		
ug0791990	PIGM		0.366639	0.247934	0.740352	-1.35071	0.736626	0.608782	-1.64262	0.194126	1.40763	1.40763	0.429404	1.22234	1.22234	0.824487	1.05684	1.05684		0.507402	1.18221	1.18221	0.932535	1.02418	1.02418	0.270542	0.751621	-1.33046	0.734689	0.918825	-1.08835	1.28629	1.26193	0.872057		
ug1686485	SDK1;SDK1		0.366657	0.836607	1.08302	1.08302	0.0318821	0.406309	-2.46118	0.521358	1.30903	1.30903	0.164437	1.22975	0.813262	0.119358	1.33897	1.33897		0.540805	1.1246	1.1246	0.694955	1.16311	1.16311	0.426643	0.747544	-1.33771	1.28626	2.65328	1.8316					
ug1425054	C9orf128;TMEM88;TMEM88;TMEM88		0.366653	0.953945	1.01194	1.01194	0.8850368	0.970718	-1.03016	0.0682578	1.52119	1.52119	0.266743	0.788396	-1.2684	0.902988	0.975256	-1.02537		0.174494	0.743203	-1.34553	0.473257	1.1617	1.1617	0.629191	0.90486	-1.10514	0.255262	1.27641	1.27641	1.28625	0.8600772	0.594369		
ug2546016	CDB8;CD88;CDB8;CDB8;CDB8		0.366655	0.339991	1.47769	1.47769	0.678737	1.17984	1.17984	0.576619	1.25104	1.25104	0.164298	1.66122	0.164222	0.554689	1.80281		0.979623	1.01019	1.01019	0.279401	1.56288	1.56288	0.0907863	2.09559	2.09559	0.145315	1.86068	1.86068	1.28625	3.21191	2.21966		
ug2389429	LOC441869;LOC441869;LOC441869		0.366658	0.769968	0.835423	-1.197	0.35744	0.568295	-1.75965	0.110213	0.353644	-2.8277	0.510684	1.48943	1.48943	0.822695	1.14341	1.14341		0.662619	0.769403	-1.29971	0.15951	2.45372	2.45372	0.699887	0.793515	-1.26022	0.129988	2.65549	2.65549	1.28624	7.26322	5.01943		
ug0561634	FTO		0.366659	0.813082	1.07483	1.07483	0.5158	0.76832	-1.30172	0.0583013	1.4254	1.4254	0.878068	0.912503	-1.09597	0.0583013	1.4254	1.4254		0.351998	0.564818	-1.77048	0.38169	0.986406	-1.01379	0.753126	0.828464	-1.20705	0.606581	0.791588	-1.26328	1.28624	1.72415	1.20764		
ug1420251	PQLC2;PQLC2;PQLC2		0.36666	0.761777	1.12458	1.12458	0.649078	1.19352	1.19352	0.57492	1.24459	1.24459	0.156533	0.556974	-1.79542	0.445254	0.412322	2.42529		0.999887	1.00005	1.00005	0.317595	0.670139	-1.49023	0.81261	0.92152	-1.08536	0.18776	0.583299	-1.71439	1.28624	3.03771	2.09929		
ug0251058	CHD1;CHD1;CHD1;CHD1;CHD1		0.366661	0.944805	1.07142	1.07142	0.7	0.802514	1.02414	0.764704	1.10389	1.10389	0.10769	1.10769	1.10769	0.0222264	1.43218	1.43218		0.194056	0.6099	-1.52209	0.959967	1.01549	1.01549	0.913381	1.16886	1.16886	0.313037	0.726465	-1.37653	1.28622	1.31307	0.724645		
ug0146824	GMDS		0.366667	0.108878	0.279854	-3.5733	0.950744	1.04602	1.04602	0.513749	0.617357	-1.61981	0.159779	0.503712	-1.98526	0.0247884	0.142815	-7.00208		0.581418	1.666612	-1.50012	0.259059	0.424189	-2.35744	0.404575	0.537342	-1.86101	0.388901	0.525655	-1.90239	1.28622	10.8055	7.46755		
ug1715409Q	PQLC1;PQLC1;PQLC1		0.366681	0.760861	1.28952	1.28952	0.440688	1.74783	4.74783	0.462259	1.6551	1.6551	0.622089	0.716245	-1.39617	0.240127	0.436867	-2.28902		0.292008	0.478961	-2.08785	0.576519	0.816327	-1.22501	0.544782	0.661865	-1.51088	1.28619	9.23488	6.38227		
ug2510970	SNX9		0.366683	0.265228	1.30039	1.30039	0.174337	0.623787	-1.60361	0.0809564	0.69709	-1.43477	0.0223	0.357475	-2.79822	0.0801358	0.742788	-1.34679		0.363377	1.27929	1.27929	0.780602	0.744209	-1.34359	0.0809564	1.16614	1.16614	0.0497911	1.58427	1.58427	1.28619	0.870924	0.78869		
ug1405743	CCT2		0.366683	0.892111	0.958436	-1.04337	0.0870499	0.553711	-1.806	0.0594745	0.514034	-1.9454	0.832324	1.06857	1.06857	0.749984	0.904827	-1.10518		0.629987	0.859119	-1.16398	0.270636	1.43161	1.43161	0.913854	1.03443	1.03443	0.308757	0.719256	-1.39033	1.28618	1.99342	1.37767		
ug1049138	ARHGAP3		0.366684	0.894023	1.03425	1.03425	0.0609239	1.34709	1.34709	0.0870966	1.76925	1.76925	0.324966	1.76925	1.76925	0.324966	2.42465	2.42465		0.803604	1.24439	1.24439	0.857739	1.1162	1.1162	0.554179	0.895899	-1.1162	0.554179	0.896036	1.073	1.073	1.28615	0.904334	1.5		
ug1075508	RAB37;RAB37;RAB37;RAB37		0.366695	0.282492	1.22436	1.22436	0.309084	2.10442	2.10442	0.752031	0.807463	-1.25845	0.960

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Probeset ID	UCSC_REFGENE_NAME ANAPC11;ANAPC11;ANAPC11;ANAPC1 1;ANAPC1;ANAPC1;ANAPC1;ANAPC	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	SS(Test)	SS(Error)	df
cg08184047	11;THOC4	0.367014	0.777003	0.967984	-1.03308	0.0911265	1.23759	1.23769	0.404527	0.906884	-1.10268	0.26043	0.87414	-1.14398	0.766964	1.03464	1.03464	0.812886	0.973192	-1.02755	0.926101	1.03069	1.01090	0.97916	1.17766	1.17766	0.153535	1.19139	1.19139	1.26327	0.267341	0.184878	1
cg22858210	DRAP1;C11orf68;C11orf68	0.367034	0.186412	0.495635	-2.01761	0.890686	1.07134	1.07134	0.672457	1.2375	1.2375	0.133836	2.8484	2.24843	0.357799	1.60622	1.60622	0.598806	0.766408	-1.3047	0.422076	0.66302	-1.50825	0.861418	1.09151	1.09151	0.101657	0.407395	-2.45462	1.28533	5.11177	3.53513	1
cg08023809	MFSD5;MFSD5	0.36704	0.853453	1.02361	1.023631	0.838641	1.02606	1.02606	0.886147	0.982085	-1.02824	1.027224	1.17355	1.17355	0.998229	0.99972	-1.00028	0.248009	0.85866	-1.1646	0.0410913	0.742756	-1.34634	?	?	?	0.728832	1.02489	1.04489	1.28161	0.287247	0.224129	1
cg12475759	AIAP1;AIAP1	0.367042	0.537174	1.13615	1.13615	0.76363	0.93974	-1.06412	1.20656	0.761739	-1.13129	0.0940432	0.680533	-1.45659	0.886887	0.971343	-1.0295	0.17063	1.34727	1.34727	0.925686	0.981122	-1.01924	0.269109	1.26506	1.26506	0.427414	1.18002	1.18002	1.28531	0.849534	0.587519	1
cg11796181	ARHGAP26;ARHGAP26	0.367049	0.277072	0.510185	-1.96007	0.243556	0.483647	-2.06762	0.64836	1.31435	1.31435	0.979685	1.01527	1.01527	0.0607992	0.284147	-3.51931	0.618897	1.34787	1.34787	0.155845	2.4693	2.4693	0.936329	0.95355	-1.04871	0.802674	0.861518	-1.16074	1.28529	7.21439	4.98938	1
cg08197122	DSCC1	0.367056	0.283106	1.30965	1.30965	0.808851	1.06305	1.06305	0.188334	1.40866	1.40866	0.114908	1.40866	0.178479	0.707671	-1.41306	0.99312	1.23565	1.13565	1.13565	0.777344	1.07098	1.07098	0.106196	0.649724	-1.53916	0.563726	0.868355	-1.15163	0.823475	0.947391	-1.05553	1.28527	1.19098	0.823679	1
cg00794218	CACNA1H;CACNA1H	0.367058	0.0738878	1.38267	-1.49325	0.703458	0.786565	-1.27135	0.503658	1.38267	1.38267	0.0150505	0.828272	1.8829	1.8829	0.628687	0.736468	-1.35783	0.507268	1.52549	1.52549	0.105486	0.329484	-3.03504	0.562174	1.44467	0.541994	1.47329	1.47329	1.28526	8.02145	5.54765	1
cg00837218	CHD8;SNORD8;CHD8	0.36708	0.261407	0.669475	-1.49371	0.0777218	0.510839	-1.95756	0.0588219	0.481346	-2.07751	0.355237	0.721935	-1.38517	0.0979673	0.536906	-1.86252	0.778632	0.907963	-1.10137	0.333983	0.710777	-1.40691	0.80366	0.918197	-1.08909	0.742391	0.893147	-1.11964	1.28522	2.38925	1.65247	1
cg21888214	KIF21B	0.367082	0.803712	1.06812	1.06812	0.93201	1.07727	-1.14051	0.733833	1.12	1.12	0.956917	-1.04502	0.508917	0.938837	-1.08833	0.306542	1.14764	1.14764	1.14764	0.444808	1.16564	1.16564	0.302834	0.870368	-1.14894	0.617728	1.13476	1.13476	0.329639	1.13981	1.13981	1.28521	0.344406	0.238215	1
cg10713773	FAM124A	0.367084	0.21976	0.702839	-1.4228	0.838855	1.05722	1.05722	0.141149	1.54107	1.54107	0.705667	1.10925	1.10925	0.631992	0.876464	-1.14095	0.465794	0.81709	-1.22383	0.386467	1.27456	1.27456	0.105965	1.62015	1.62015	0.253955	1.38479	1.38479	1.2852	1.52002	1.0513	1
cg05866545	LMF1 CAPN3;CAPN1;CAPN3;CAPN3;CAPN3;CAPN3;C APN1;CAPN3;CAPN3;CAPN3;CAPN1;CA	0.367091	0.123008	0.255631	-3.91189	0.19759	0.328963	-3.03985	0.394228	0.490476	-2.03883	0.396548	0.20139	2.03139	0.731404	0.754815	-1.32483	0.657253	0.6909	-1.44739	0.674378	0.708252	-1.41193	0.0927425	4.52701	4.52701	0.741237	0.762986	-1.31064	1.28519	13.5643	9.38163	1
cg07101926	PN1	0.367093	0.233578	2.30754	2.30754	0.22342	0.424656	-2.35485	0.846673	0.878432	-1.13839	0.718206	1.1246	1.1246	0.472644	0.613182	-1.63084	0.0787464	3.69584	3.69584	0.97406	0.978465	-1.02201	0.277336	2.13068	2.13068	0.23436	2.30401	2.30401	1.28518	9.12475	6.31109	1
cg20677240	MCM8;MCM8;TRMT6	0.367094	0.497397	0.884153	-1.13103	0.319575	1.2018	1.2018	0.932819	0.985045	-1.01518	0.580867	1.1048	1.1048	0.94852	0.988527	-1.01161	0.44008	0.868735	-1.1511	0.124939	0.743164	-1.3456	0.115343	1.35791	1.35791	0.213989	1.26343	1.26343	1.28518	0.650102	0.449641	1
cg04960594	GTF3I2	0.367095	0.869995	1.029722	-1.07779	0.625411	0.903891	-1.10633	0.373434	0.648532	-1.51876	0.0501402	0.727234	1.27734	0.992479	0.995809	-1.00421	0.432374	1.44264	1.44264	0.453932	0.802986	-1.24535	0.134601	2.09139	2.09139	0.274196	1.68268	1.68268	1.28518	4.25789	2.84496	1
cg19040266	SLC22A5	0.367101	0.256531	0.681493	-1.46773	0.537153	0.814556	-1.22756	0.0309159	0.440209	-2.27165	0.205393	0.848824	-1.54125	0.114459	0.590221	-1.69428	0.494865	0.798968	-1.25162	0.925683	0.97069	-1.0302	0.724065	1.12162	1.12162	0.812006	1.23152	1.23152	1.28516	2.134	1.47599	1
cg03537032	C1orf173	0.367109	0.427187	0.848798	-1.17814	0.133512	0.720894	-1.38717	0.550921	1.12977	1.12977	0.95023	1.0127	1.0127	0.339443	0.819472	-1.2203	0.626795	1.10416	1.10416	0.124629	0.71449	-1.3996	0.239012	0.779305	-1.28319	0.0956572	0.690654	-1.4479	1.28514	0.832262	0.573648	1
cg07728112	KCNH4	0.367112	0.13206	0.609725	-1.64283	0.0938974	1.49875	1.49875	0.993152	1.03065	1.03065	0.317941	0.8972	1.22627	0.0998254	0.799564	-1.25093	0.342215	1.24176	1.24176	0.135756	1.2456	1.2456	0.893583	0.96183	-1.03295	0.934579	0.802366	-1.24631	1.28514	0.99644	0.689205	1
cg11307363	BRSK2	0.367111	0.790815	0.862356	-1.15961	0.0568693	2.51959	2.51959	0.132187	2.04638	0.689756	1.88774	1.88774	1.88774	0.213116	0.569945	-1.75455	0.826967	0.9104	-1.09842	0.453119	1.38967	1.38967	0.852864	1.08281	1.08281	0.701568	0.847809	-1.17951	1.28514	3.7423	2.58843	1
cg10599266	FRYL;FRYL	0.367113	0.230234	1.32709	1.32709	0.610063	1.38722	1.38722	0.223385	1.22759	1.22759	0.513439	1.31406	1.31406	0.454339	0.883472	-1.3159	0.589818	0.915317	-1.09252	0.649911	0.6952	-1.43843	0.988658	1.00231	1.00231	0.978802	1.02682	1.02682	1.28514	0.537991	0.372111	1
cg06598760	C7orf59	0.367122	0.521742	0.838319	-1.19286	0.993953	1.00206	1.00206	0.0435476	1.8782	1.8782	0.534054	0.84279	-1.18654	0.572821	0.856628	-1.16737	0.858163	0.952578	-1.04978	0.0985767	0.611435	-1.6355	0.925555	1.02571	1.02571	0.8914	1.0378	1.0378	1.28511	1.50123	1.03838	1
cg25626835	USH2A	0.367123	0.604268	1.12019	1.12019	0.587523	0.854408	-1.1704	0.896521	1.03805	1.03805	0.459171	0.805306	-1.24176	0.338471	1.32773	1.32773	0.879808	1.04443	1.04443	0.0297775	2.08494	2.08494	0.154161	1.55001	1.55001	0.946885	1.01933	1.01933	1.28511	1.67994	1.16199	1
cg22734451	LOC645752	0.367124	0.204199	0.875869	-1.14215	0.598204	1.07898	1.07898	0.0155996	1.48053	1.48053	0.674955	1.20021	1.20021	0.0742963	0.617096	-1.62001	0.748237	1.1005	1.1005	0.150546	1.07607	1.07607	0.0268981	1.08951	1.08951	0.510576	1.07607	1.07607	1.28511	0.0356964	0.0333171	1
cg22193736	SAAL1	0.367125	0.0639706	0.7127	-1.40312	0.361823	0.858357	-1.16473	0.270281	0.829661	-1.20531	0.627455	1.08281	1.08281	0.920521	1.01637	1.01637	0.0920806	0.739588	1.3521	0.393505	0.867454	-1.1528	0.146477	0.776032	-1.28861	0.590901	0.915507	-1.09229	1.2851	0.538651	0.372577	1
cg00475310	GLT25D1	0.367128	0.29268	1.49751	1.49751	0.54384	0.710944	1.13115	0.0221185	1.22084	1.22084	0.88467	1.32061	1.32061	0.634222	0.885761	-1.15719	0.424726	0.770629	1.42046	0.0497248	1.29355	1.29355	0.0994768	1.09253	1.09253	0.960442	1.02618	1.02618	1.28509	1.99547	1.38206	1
cg23848647	CDX7;AL	0.367137	0.821274	0.941633	-1.06198	0.598805	1.15155	1.15155	0.021185	1.208861	1.208861	0.308766	1.3231	1.3231	0.504384	0.83522	-1.19729	0.308841	1.32304	1.32304	0.600329	1.15086	1.15086	0.786628	0.930424	-1.07478	0.584476	1.1581	1.1581	1.28507	1.43776	0.994506	1
cg04192556	TEL02	0.367139	0.902259	0.958611	-1.04318	0.2828	0.681154	-1.4681	0.0483276	0.460133	-2.17329	0.581772	1.21094	1.21094	0.215931	0.638869	-1.56527	0.310648	1.43465	1.43465	0.568644	1.21924	1.21924	0.803576	0.917832	-1.08952	0.417937	0.752177	-1.32947	1.28507	2.40916	1.66643	1
cg04667719	GTF2A2	0.367142	0.865432	1.03008	1.03008	0.903896	1.18088	1.18088	0.0134782	1.19432	1.19432	0.913588	1.13585	1.13585	0.0724126	0.887202	-1.12671	0.681089	1.0495	1.0495	0.911783	1.01274	1.01274	0.0709883	0.792995	-1.26104	0.543641	0.929111	-1.0763	1.28506	0.278244	0.192464	1
cg14387414	APOBEC3B	0.367147	0.127763	0.615713	-1.62413	0.0926806	0.57988	-1.72449	0.0869187	0.573036	-1.74509	0.297879	0.727729	-1.37414	0.157141	0.640432	-1.56145	0.95704	1.01599	-1.01599	0.815504	1.07126	1.07126	0.611008	0.859782	-1.16309	0.33132	0.744379	-1.3434	1.28505	1.76543	1.12118	1
cg08042782	AAA1;NPSR1;NPSR1	0.367148	0.928302	1.02015	1.02015	0.78206	1.70978	1.70978	0.0376892	1.16709	1.16709	0.645599	1.09189	1.09189	0.752836	1.04564	-1.04564	0.940744	1.07234	1.07234	0.675153	1.09085	1.09085	0.734235	1.04564	-1.04564	0.675153	1.09085	1.09085	1.28505	1.14482	0.891202	1
cg05348708	C17orf70;C17orf70	0.367156	0.068256	0.329267	-3.03705	0.336148	0.582962	-1.71538	0.900395	1.07051	1.07051	0.70478	0.812923	-1.23013	0.146961	0.428724	2.3325	0.83437	1.892318	-1.12068	0.178115	0.459062	-2.17835	0.0750917	1.340105	-2.94026	0.330853	0.57929	-1.72625	1.28503	6.02574	4.16817	1
cg08329236	DIDO1;DIDO1;DIDO1;DIDO1	0.367158	0.378967	0.877552	-1.13953	0.245923	0.818944	-1.19197	0.926044	1.01353	1.01353	0.17576	1.23162	1.23162	0.761236	1.04509	1.04509	0.982517	0.996834	-1.00318	0.0749189	0.725483	-1.33248	0.168718	0.808783	-1.23643	0.976828	1.00421	1.00421	1.28502	0.426205	0.294819	1
cg25353652	C19orf25	0.367191	0.63983	1.07963	1.07963	0.78284	1.24715	1.24715	0.944089	1.0165	1.0165	0.843907	1.08053	1.08053	0.0125961	1.25911	1.25911	0.627621	1.34307	1.34307	0.15228	1.54133	1.54133	0.864303	1.15157	1.15157	0.670728	1.08896	1.08896	1.28502	1.74005	1.20369	1
cg11465939	IGLL1;IGLL1	0.367192	0.485494	0.765867	-1.30571	0.660515	0.846758	-1.18098	0.165674	0.573249	-1.74444	0.363975	0.703905	-1.42065	0.57775	0.809249	-1.23571	0.160858	0.569101	-1.75716	0.491086	1.30113	1.30113	0.136738	0.540987	-1.8282	0.0583358	0.447022	-2.23703	1.28494	2.88263	1.99413	1
cg09171175	RP11B;SPHK2	0.367193	0.157578	1.25818	1.25818	0.470193	0.908851	-1.23939	0.795082	0.868169	-1.15052	0.882011	1.62466	1.62466	0.0127354	1.42876	1.42876	0.451598	1.51256	1.51256	0.112609	1.89351	1.89351	0.0249848	1.27268	1.27268	0.573263	1.3567	1.3567	1.28493	5.91263	4.09021	1
cg15497734	C11orf10;FEN1	0.367196	0.207596	0.775958	-1.28873	0.661083	0.668378	-1.49616	0.265459	0.801301	-1.24797	0.205046	1.29077	1.29077	0.87875	1.02954	1.02954	0.611683	1.906896	-1.10266	0.921097	0.981265	-1.01909	0.824228	1.04338	1.04338	0.482926	1.14581	1.14581	1.28493	0.741521	0.51297	1
cg15681239	DLEC1;DLEC1 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.367198	0.352074	0.537699	-1.85978	0.343258	0.531214	-1.88248	0.199944	0.415912	-2.40435	0.524326	0.658333	-1.51899	0.211245	0.425982	-2.34752	0.878099	1.10456	1.10456	0.0434842	0.222178	-4.5009	0.494212	0.637766	-1.56797	0.0863169	0.292962	-3.41341	1.28493	8.54264	5.90965	1
cg09584092	M2;ABLIM2	0.367206	0.254256	0.813955	-1.22857	0.759816	1.05445	1.05445	0.743563	1.14675	1.14675	0.926766	0.984229	-1.01602	0.176493	0.780002	-1.28205	0.31234	1.19807	1.19807	0.0625731	1.43674	1.43674	0.69484	0.934099	-1.07055	0.968131	1.00693	1.00693	1.28491	0.608452	0.420923	1
cg13336485	NOTCH4	0.367208	0.860059	1.11955	1.11955	0.612657	1.24357	1.24357	0.12683	1.58343	1.58343	0.682942	1.44061	1.44061	0.249863	-1.45785	0.2469	0.0000	2.32455	2.32455	0.0000	0.0000	2.32455	0.0000	1.24021	-2.86344	0.0000	0.872821	0.458946	-2.1789	2.2809	0.87829	0.61513	1
cg15521965	PTN	0.367215	0.152843	0.746126	-1.34026	0.312792	0.818966	-1.22105	0.828087	1.04248	1.04248	0.548452	0.890343	-1.12316	0.0720735	0.681112	-1.46819	0.341363	0.828996	-1.20628	0.0917198	0.701056	-1.42642	0.914976	0.970779	-1.02064	0.525267	1.13103	1.13103	1.28488	0.744554	0.515094	1
cg09251519	MESP2	0.367221	0.128624	0.61091	-1.64391	0.308787	0.317871	3.15871	0.802828	0.749944	-1.33343	0.344898	3.223	3.223	0.402424	0.384884	-2.5983	0.115691	0.579929	-1.7245	0.784637	1.0912	1.0912	0.796675	1.08577	1.08577	0.107197	0.647609	-1.544	1.28487	2.56884	1.92623	1
cg23502467	ZNF91;ZNF93	0.367235	0.2850147	2.9611	2.9611	0.149555	1.86272	1.86272	0.257008	1.61601	1.61601	0.715623	1.15869	1.15869	0.0668332	0.437288	2.28682	0.655203	1.19834	1.19834	0.731969	0.88932	-1.2445	0.0602121	1.10621	1.10621	0.237697	1.64533	1.64533	1.28483	3.2978	2.28152	1
cg15935247	SEPT4;SEPT4;SEPT4	0.367239	0.330353	1.82751	1.82751	0.0391872	4.18923	4.18923	0.197367	2.26598	2.26598	0.29526	1.91853	1.91853	0.453634	1.58128	1.58128	0.454222	1.5803	1.5803	0.997596	1.00181	1.00181	0.0878492	3.09828	3.09828	0.265154	2.00791	2.00791	1.28482	7.33244	5.07285	1
cg21644736	ESPNP	0.367243	0.357044	1.35745	1.35745	0.364153	1.38193	1.38193	0.0817029	1.13002	1.13002	0.809462	1.02159	-1.08051	0.0870754	0.64407	-1.55262	0.115691	0.579929	-1.7245	0.784637	1.0912	1.0912	0.796675	1.08577	1.08577	0.107197	0.647609	-1.544	1.28482	2.56884	1.92623	1
cg08509012	PATL2	0.367243	0.367717	0.62881	-1.59031	0.419528	0.661299	-1.51218	0.370729	0.630741	-1.58544	0.0885649	0.389842	-2.56514	0.0585688	0.342529	-2.91946	0.0786005	0.375498	-2.66313	0.464659	0.690953	-1.44728	0.235731	0.536312	-1.86459	0.652584	0.796751	-1.2551	1.28481	5.11567	3.53924	1
cg23183906	TPM4;TPM4	0.367246	0.752156	0.813881	-1.22868	0.808501	1.17101	1.17101	0.513189	1.5389	1.5389	0.0900149	1.36912	1.36912	0.637615	1.04128	-1.04128	0.648825	1.04989	1.04989	0.424743	0.588563	-1.69876	0.77068	0.826964	-1.20924	0.939739	1.89573	1.89573	1.28481	8.1994	5.54436	1
cg08672807	MYADML2	0.367252	0.26705	1.17404	1.17404	0.849954	1.02809	1.02809	0.0400008	1.08082	1.08082	0.0195955	0.4347058	0.895297	-1.11695	0.215246	1.19842	1.19842	1.19842	1.19842	0.278241	1.0215	1.0215	0.468595	1.10255	1.10255	0.0734996	1.75816	1.75816	1.31902	0.1728882	1.817687	-1.22296	1.28479	0.2516245	0.391806	0.271073	1
cg18654510	CERK	0.367253	0.626822	1.13977	1.13977	0.625458	1.14037	1.14037	0.90335	0.968084	-1.03297	0.65734	0.887626	-1.1266	0.0648202	0.544614	-1.83616	0.078272	0.559148	-1.68502	0.403182	0.795791	-1.25661	0.859143	1.04857	1.04857	0.336079	0.767325	-1.30323	1.28479	1.45072	1.00369	1
cg01494840	FGF13;FGF13;FGF13	0.367258	0.576256	0.759776	-1.31639	0.477284	0.884858	-1.13031	0.731187	0.880855	-1.13631	0.731187	0.954284	-1.04777	0.78907	0.884852	-1.13063	0.155222	0.82868	-1.20698	0.259718	1.29718	1.29718	0.273775	0.591597	-1.69034	0.287545	0.601114	-1.66382	1.28479	4.32297	2.9909	1
cg18479068	MIR62	0.367263	0.846574	1.0323	1.0323	0.398787	0.867843	-1.15228	0.0560405	1.42634	1.42634	0.691365	1.06767	1.06767	0.281153	1.20158	1.20158	0.30655	0.840555	-1.18969	0.81702	0.962685	-1.03876	0.628689	0.923159	-1.08324	0.197043	1.25079	1.25079	1.28476	0.547815	0.379017	1
cg18896861	SPTLC1;SPTLC1	0.367266	0.351134	0.881606	-1.13429	0.365215	1.12995	1.12995	0.286684	1.15636	1.15636	0.56895	0.927192	-1.07853	0.0799325	0.774805	-1.29065	0.613029	1.09026	1.09026	0.862239	1.15804	1.15804	0.0886842	1.12534	1.12534	0.50954	1.01838	1.01838	1.28476	0.0859506	0.0242747	1
cg04733388	ACAD11;UBA5;ACAD11;UBA5	0.367275	0.216522	0.765116	-1.30699	0.702075	1.08234	1.08234	0.621876	0.902718	-1.10777	0.0354572	0.604046	-1.6555	0.165996	0.737777	-1.35542	0.787469	0.945887	-1.05721	0.263094	0.787252	-1.27044	0.618441	1.10877	1.10877	0.998526	1.00038	1.00038	1.28474	0.8624	0.59668	1
cg09870044	CUBN	0.367277	0.716473	0.912032	-1.09645	0.930419	0.976193	-1.02229	0.686086	1.10803	1.10803	0.934413	1.021	1.021	0.616099	0.894603	-1.11781	0.284773	0.755399	-1.3218	0.99755	1.00078	1.00078	0.867662	0.958772	-1.043	0.0138702	0.464135	-2.15454	1.28473	1.29686	0.897282	1
cg08758080	MOBKL3;MOBKL3;MOBKL3	0.367284	0.291932	1.19756	1.19756	0.5195	1.1566	1.1566	0.0803395	1.10736	1.10736	0.711765	1.27236	1.27236	0.128817	0.702284	-1.42385	0.282544	0.853603	1.1715	0.311263	1.01593	1.01593	0.896536	0.981727	-1.01861	0.419642	1.12399	1.12399	1.28471	0.408848	0.28288	1
cg00039093	UBL3	0.367287	0.763525	1.07781	1.07781	0.928331	0.977308	1.02259	0.26637	1.33321	1.33321	0.110656	1.53982	1.53982	0.108317	0.647245	-1.54501	0.495361	1.18759	1.18759	0.425168	0.816899	-1.22414	0.959203	0.987377	-1.01278	0.25502	1.34328	1.34328	1.28471	1.25475	0.868163	1
cg23840027	EPB41;EPB41;EPB41;EPB41;EPB41	0.367288	0.0996165	0.751881	-1.42958	0.178564	0.755954	-1.48215	0.164764	0.588705	-1.69908	0.0407708	0.524164	-1.92247	0.120736	0.516878	-1.93487	0.399304	0.763404	-1.30994	0.0418352	0.23784	-4.2045	0.0178222	0.345588	-2.89362	0.213227	0.407014	-2.45624	1.28467	0.9815	0.684369	1
cg05740088	FGF19;FGF19	0.367298	0.600241	1.341	1.341	0.770472	1.17625	1.17625	0.310406	1.79035	1.79035	0.580964	1.36255	1.36255	0.28779	0.542049	-1.84485	0.108173	0.378122	-2.64465	0.886907	1.08216	1.08216	0.857323	0.904965	-1.10501	0.0731819	0.329997	-3.03058	1.28468	0.26477	0.43468	1
cg03535985	SNX29	0.367299	0.348477	0.349159	-2.86403	0.0912147	0.131661	-7.59819	0.736722	1.44461	1.44461	0.536397	0.91983	1.97883	0.387251	2.62772	2.62772	0.058293	0.0970432	-10.3047	0.840299	1.24601	1.24601	0.852139	0.815947	-1.22557	0.808878	0.76785	-1.30234	1.28468	24.1792	16.73	1
cg11176229	CUGBP2	0.367301	0.285073	0.683863	-1.46325	0.789869	1.08075	1.08075	0.512204	1.44963	1.44963	0.0876523	1.62482	1.62482	0.227949	0.864756	-1.25642	0.158552	0.424235	-2.3578	0.131416	0.515365	0.421054	-2.37409	0.201301	0.292082	-3.42369	0.703577	0.804534	-1.24295	1.28467	0.585859	0.455609	1
cg19726128	DCAF5	0.367311	0.536283	0.835982	-1.1962	0.0667247	1.80049	1.80049	0.441556	1.25168	1.25168	0.70854	1.1134	1.1134	0.433868	1.25663	1.25663	0.519126	1.20558	1.20558	0.0764542	1.7573	1.7573	0.696525	1.11865	1.11865	0.346685	0.757899	-1.31944	1.28465	1.66493	1.15202	1
cg18671115	CLU;LOC100133920;CLU;CLU;CLU;CLU;CLU;LOC100133920;CLU;CLU;LOC100133920;CLU;CLU;CLU;CLU;CLU

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	Ratio(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	Ratio(121T vs. Chrom)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg17588666	ALK	0.367664	0.44003	0.599151	-1.66903	0.03183337	0.194678	-5.1367	0.206435	0.42029	-2.37931	0.753073	1.249341	1.249341	0.474853	0.623315	-1.60432	0.2627	0.467862	-2.13378	0.40124	0.571862	-1.74867	0.243371	0.452025	-2.21227	0.65505	1.33977	1.28379	8.60261	5.95639	1
cg26295272	FLNB;FLNB;FLNB;FLNB	0.367664	0.751179	0.823646	-1.21411	0.3420561	0.181676	1.81676	0.266225	2.02696	2.026696	0.584719	1.40016	1.40016	0.803359	0.85827	-1.16435	0.469423	0.638344	-1.56655	0.18139	0.420914	-2.37578	0.0878272	3.1552	3.1552	0.255554	2.06248	2.06248	1.28379	7.56307	5.23662	1
cg09432325	GMPPA;GMPPA	0.367668	0.125661	0.144518	-6.91958	0.5200097	0.467196	-2.14043	0.890231	0.851143	-1.17489	0.483276	0.435354	-2.29698	?	?	?	0.202112	0.207631	-4.81623	0.054364	0.0782299	-12.7828	0.177401	0.18765	-5.32908	0.251328	0.246873	-4.05066	1.28005	24.5502	19.1791	1
cg14543966	FBXW2	0.367669	0.497319	0.653095	-1.52601	0.145425	2.607581	2.607581	0.587153	1.40645	1.40645	0.540025	1.6895448	-1.45023	0.1204533	0.356079	-2.80836	0.182782	0.420321	-2.37914	0.486923	0.64853	-1.54195	0.357363	1.78661	1.78661	0.577727	0.708373	-1.41169	1.28378	7.64201	5.29154	1
cg11881313	LHFPL3	0.367672	0.566351	0.904747	-1.10528	0.371317	0.853403	-1.17178	0.125691	1.33132	1.33132	0.769032	1.05216	1.05216	0.7539704	1.05456	1.05456	0.178244	0.78113	-1.2802	0.210543	0.796251	-1.25588	0.24904	0.812156	-1.23129	0.404234	1.1588	1.1588	1.28377	0.60635	0.41984	1
cg19232374	KIF5A;KIF5A	0.367675	0.407793	0.841251	-1.18871	0.81152	0.952398	-1.04898	0.955728	1.0214	1.0214	0.422346	1.18234	1.18234	0.0321377	1.6693	1.6693	0.696719	0.923149	-1.08325	0.349499	0.821505	-1.21728	0.204402	1.24854	1.24854	0.915339	1.02195	1.02195	1.28376	0.847437	0.580772	1
cg22149610	EHMT2;EHMT2	0.367707	0.963377	1.01655	1.01655	0.6035378	1.20594	1.20594	0.781162	0.905245	-1.10467	0.740235	0.887867	-1.12629	0.0297921	0.400889	-2.49446	0.256726	0.654981	-1.52676	0.263819	1.51644	1.51644	0.608226	0.831256	-1.203	0.694442	1.15157	1.15157	1.28369	2.5978	1.79885	1
cg01562175	FMO5;FMO5;FMO5;FMO5	0.367708	0.630211	0.919434	-1.08763	0.9159638	1.101763	1.101763	0.153658	0.765758	-1.3028	0.982682	1.003777	1.003777	0.919372	1.01888	1.01888	0.379888	1.1688	1.1688	0.0990981	0.6663351	-1.51206	0.0649405	1.07718	1.07718	0.261144	0.81634	-1.22488	1.28368	0.609592	0.422113	1
cg12428399	PAOX;PAOX;PAOX	0.367713	0.34591	0.646197	-1.54752	0.678795	1.20601	1.20601	0.223746	1.78445	1.78445	0.394558	-1.07002	0.205805	0.5458605	1.8228	1.8228	0.152744	-3.78044	-2.88715	1.6412	1.6412	0.11767	0.4656633	-2.14782	0.710296	0.845487	-1.18275	1.28367	1.43187	2.84869	1
cg06082548	NIX6-2	0.367715	0.16384	0.563584	-1.77436	0.853484	1.07396	1.07396	0.976242	1.01156	1.01156	0.395046	0.7144881	-1.39962	0.221678	0.609104	-1.64176	0.281492	0.649209	-1.54034	0.958105	0.979929	-1.02048	0.0694312	2.18992	2.18992	0.832837	1.085	1.085	1.28367	3.02851	2.09713	1
cg27636543	BCL9L	0.367715	0.894	0.894	1.11866	0.0557135	1.54516	1.54516	0.0541254	2.54169	2.54169	0.0757915	2.540169	2.540169	0.0757915	2.540169	2.540169	0.873405	0.894	1.11866	0.0557135	1.54516	1.54516	0.0541254	2.54169	2.54169	0.0757915	2.540169	2.540169	0.0757915	2.540169	2.540169	1.28367	3.8461	2.66328	1
cg14990321	PUN1	0.367716	0.359852	0.641702	-1.55836	0.1993	0.52777	-1.89477	0.0603834	0.368608	-2.71291	0.401879	0.667441	-1.49826	0.1432105	0.476454	2.09884	0.104934	1.428882	2.33164	0.43093	0.688399	-1.45054	0.64256	1.2464	1.2464	0.55403	0.754221	-1.32587	1.28366	4.51476	3.1263	1
cg07954428	FOXD2;FOXD2	0.367721	0.6508403	0.567213	1.50713	0.528242	1.12504	1.12504	0.165469	1.18703	1.18703	0.850092	0.961152	-1.04042	0.466224	0.872214	-1.14651	0.327409	1.24087	1.24087	0.0429479	0.382898	-1.0174	0.807172	0.9559812	-1.04612	0.173655	0.765741	-1.30592	1.28365	0.691188	0.478625	1
cg08852717	TBC1D8	0.367722	0.747221	1.0539	1.0539	0.9598534	1.34574	1.34574	0.440706	0.8801162	-1.13636	0.298023	1.19141	1.19141	0.0654273	1.39805	1.39805	0.778936	1.04675	1.04675	0.171427	2.6667	2.6667	0.589699	1.09241	1.09241	0.284333	1.19789	1.19789	1.28365	0.538853	0.371063	1
cg03549412	ZMYND8;ZMYND8;ZMYND8	0.367724	0.938204	1.06227	1.06227	1.030443	3.57004	3.57004	0.0432728	2.03709	2.03709	0.07003	2.486686	1.73398	1.73398	0.382974	0.498052	-2.00782	0.662095	1.40863	1.40863	0.392583	1.9786	1.9786	0.798711	1.2203	1.2203	0.786901	0.809679	-1.23506	1.28364	12.3411	8.54586	1
cg13855345	ZNF691	0.367728	0.218717	0.440487	-1.19335	0.2809402	0.964926	-1.15617	0.0204655	0.628269	-1.45709	0.964621	0.809591	1.20599	0.805499	0.884451	1.03326	0.19226	0.964621	1.20599	0.805499	0.884451	1.03326	0.19226	0.964621	1.20599	0.805499	0.884451	1.03326	0.19226	0.964621	1.20599	0.805499	0.884451	1.03326	1.28366	0.254532	0.198356	1
cg00400992	LHFPL2	0.367734	0.570737	0.70988	-1.40869	0.0331725	2.43344	2.43344	0.556917	1.42661	1.42661	0.884601	0.916813	-1.09074	0.247354	0.485131	-2.0613	0.994983	0.996247	-1.00377	0.287035	0.5162666	-1.93698	0.977091	0.982974	-1.01732	0.664873	1.29778	1.29778	1.28362	7.27095	5.03503	1
cg04586622	ADCY3	0.367738	0.170787	0.545469	-1.54926	0.328226	0.428742	-1.21143	0.863266	0.70807	1.07807	0.153126	0.6148729	-1.62634	0.132627	0.644911	-1.55042	0.851767	1.05775	1.05775	0.580246	0.845621	-1.18295	0.69346	1.02654	1.02654	0.350635	1.58786	1.58786	1.28362	1.81553	1.26831	1
cg08605656	SLC16A2	0.367743	0.920256	0.107199	1.07199	0.4654441	0.597088	-1.67479	0.466978	1.67172	1.67172	0.179873	0.05385581	4.57029	4.57029	0.770969	0.816571	-1.22463	0.123763	0.314347	-1.1812	0.928536	0.939625	-1.06425	0.820029	1.1734	1.1734	0.117651	2.04846	2.04846	1.28366	9.79746	6.78472	1
cg10163050	DNASE1L3;DNASE1L1;DNASE1L1;DNAS E11	0.367745	0.0817599	2.22891	2.22891	0.568523	1.2706	1.2706	0.127533	0.504233	-1.98321	0.755228	0.87814	-1.13877	0.213632	0.580334	-1.72315	0.707754	1.16939	1.16939	0.604356	1.2426	1.2426	0.501494	1.32774	1.32774	0.581518	0.793486	-1.26026	1.28359	3.5102	2.43082	1
cg11072882	FAM47E	0.367746	0.841797	0.925252	-1.08079	0.798449	0.905313	-1.10459	0.865644	0.936289	-1.06805	0.696375	0.8586031	-1.16468	0.9518516	0.976811	-1.0206	0.552335	0.79159	-1.26328	0.448842	1.24045	1.24045	0.282445	0.888387	1.79112	1.79112	0.135897	1.79112	1.79112	1.28359	3.07228	2.12756	1
cg18115724	SMYD1	0.367751	0.323562	0.785858	1.28103	0.153899	0.259466	3.85408	0.0702893	1.27283	1.27283	0.164447	0.8850883	1.12995	1.129955	0.901195	1.10975	0.256326	0.807098	1.23906	0.428709	0.614924	1.62682	0.0633998	1.44277	1.44277	0.282558	0.709219	1.41008	1.28359	0.52118	0.320848	1
cg03611618	TNXB	0.367757	0.067331	0.411353	-2.431	0.595395	0.792763	-1.26141	0.400013	0.688461	-1.45252	0.392123	0.683937	-1.46212	0.05725	0.393722	2.53986	0.893331	0.943526	-1.05985	0.0957312	0.452543	-2.20974	0.405544	0.691611	-1.4459	0.855388	0.923995	-1.08226	1.28357	1.81672	2.64314	1
cg23077453	PCGF3	0.367758	0.784577	0.7484	-1.29059	0.0526317	0.77678	-1.77678	0.059158	0.724011	2.0411	0.886861	1.14171	1.14171	0.147189	0.505414	-1.97858	0.925329	0.916427	-1.09119	0.868964	1.16616	1.16616	0.362218	2.39141	2.39141	0.913202	1.10684	1.10684	1.28356	17.6194	12.2017	1
cg02233840	C7orf43	0.367759	0.883502	0.9	1.11111	0.8047907	2.65168	2.65168	0.0760784	2.53285	2.53285	0.0776502	2.4422	1.39074	1.39074	0.942403	0.960931	-1.03326	1.01926	1.01926	0.964243	0.909353	1.15401	1.15401	0.596154	1.25919	1.25919	0.679471	0.836087	-1.19605	1.28356	2.37743	2.61365	1
cg05937496	VAV3	0.367765	0.851452	1.06829	1.06829	0.072034	0.493096	-2.028	0.470532	0.772074	-1.29521	0.939343	0.973539	-1.02718	0.200071	1.61119	1.61119	0.285848	1.47784	1.47784	0.272352	0.6685831	-1.4957	0.445826	1.31501	1.31501	0.663903	1.16656	1.16656	1.28354	2.52412	1.74802	1
cg10399252	EBI3	0.367766	0.332016	0.755476	-1.33073	0.8163364	1.04867	1.04867	0.946292	0.979093	-1.13786	0.539715	0.8303453	1.20433	-1.19987	0.476909	0.8454543	-1.22768	0.074084	0.566398	-1.76554	0.1090746	0.644693	0.0427669	0.9359993	-1.01979	0.594681	1.16569	1.16569	1.28354	1.82553	1.26381	1
cg10992201	OD23	0.367773	0.446964	1.21507	1.21507	0.920051	1.02555	1.02555	0.801478	1.06536	1.06536	0.102621	1.56649	1.56649	0.154511	1.18071	1.18071	0.257076	1.34617	1.34617	0.0428386	1.779746	1.779746	0.378824	0.796992	-1.25472	0.878784	1.0391	1.0391	1.28353	1.28392	0.88916	1
cg27470278	STAG2;STAG2;STAG2;STAG2	0.367778	0.285257	0.13902	-7.19322	0.989554	0.976995	-1.02355	0.989514	0.976907	-1.02364	0.223085	9.7367	9.7367	0.300237	6.74236	6.74236	0.147616	0.0631667	-15.8311	?	?	?	?	?	?	?	?	?	?	42.2952	44.4927	1
cg00576440	CYHR1	0.367780	0.95792	1.08866	1.08866	0.9535386	0.997441	-1.00256	0.914748	1.007104	-1.12283	0.860177	1.01872	1.01872	0.0307241	1.38218	1.38218	0.222439	0.75862	-1.31828	0.0328739	0.584077	-1.71211	0.123449	0.954646	0.9653526	1.03858	0.0328739	0.584077	-1.71211	1.28349	0.653526	0.509	1
cg01903181	DPF3	0.367798	0.881216	0.944855	-1.05836	0.121242	1.89151	1.89151	0.200027	1.62713	1.67123	0.184488	0.586263	-1.70572	0.726731	0.875376	-1.14237	0.754633	1.1263	1.1263	0.117982	1.90402	1.90402	0.100887	1.10088	1.10088	0.547805	0.793951	-1.25952	1.28347	2.92537	2.02602	1
cg02402208	RAB9A	0.367808	0.1889237	0.4	2.5	0.0513563	0.1511889	0.259466	3.85408	0.0702893	1.27283	1.27283	0.164447	0.8850883	1.129955	1.129955	0.901195	1.10975	0.256326	0.807098	1.23906	0.428709	0.614924	1.62682	0.0633998	1.44277	1.44277	0.282558	0.709219	1.41008	1.28347	0.5325	0.368503	1
cg07769507	POLR2B;C4orf14	0.367807	0.537538	0.903287	-1.10707	0.157721	1.27906	1.27906	0.847353	1.0319	1.0319	0.201095	0.802531	-1.24606	0.315322	1.18432	1.18432	0.862047	0.972059	-1.02874	0.231109	0.814921	-1.22711	0.703398	0.930576	-1.06431	0.121757	0.76086	-1.3143	1.28344	0.539607	0.373722	1
cg03478969	ANKRD48	0.367808	0.628026	0.874174	-1.14748	0.304713	0.741195	-1.34917	0.912929	1.02971	1.02971	0.435464	0.798792	-1.25189	0.44076	0.801302	-1.24797	0.334088	0.755248	-1.32407	0.907812	0.967887	-1.03318	0.0370045	1.97873	1.97873	0.567582	1.1768	1.1768	1.28344	1.61383	1.11771	1
cg02028970	HNRNPLL1;HNRNPLL1	0.367814	0.907436	1.09754	1.09754	0.3113612	1.52695	1.52695	0.129447	1.29497	1.29497	0.040066	1.40202	1.40202	0.174078	0.7081	1.41201	0.486771	1.05381	1.05381	0.744925	0.9491	1.05381	1.05381	0.744925	0.9491	1.05381	1.05381	0.744925	0.9491	1.05381	1.05381	0.744925	0.9491	1.05381	1.28343	0.124511	0.285163	1
cg05159685	ASAP2;ASAP2	0.367815	0.289547	0.599822	-1.66716	0.58307	0.772795	-1.294	0.362905	0.647411	-1.54461	0.393441	0.660014	-1.50147	0.0166616	0.2658388	-3.89275	0.605218	0.784707	-1.27436	0.855046	0.91849	-1.08874	0.667325	1.22268	1.22268	0.416486	0.679699	-1.47124	1.28342	4.39406	3.04329	1
cg16898124	ZNDC1;ZNDC	0.367816	0.647353	0.7	1.42857	0.3222033	0.84838	1.84838	0.0691287	1.48418	-1.0117	0.988296	1.024331	1.024331	0.4.2e-01	0.8679977	1.11949	-2.36893	0.2258313	3.64944	1.63744	0.7185246	0.4863414	1.457	0.5629662	1.22055	1.22055	0.819059	1.09596	0.4764202	1.12205	1.12205	1.28342	1.9605	1.15208	1
cg05178316	PRPF6	0.367819	0.613925	0.957734	-1.04413	0.315402	0.09213	1.09213	0.693127	0.96689	-1.03424	0.815534	0.9803556	-1.02004	0.578182	1.04884	1.04884	0.053696	0.2400409	1.20409	0.629615	0.959586	-1.04212	0.815854	0.886178	-1.1545	0.88283	0.987558	-1.0126	1.28341	0.146491	0.101459	1
cg15017411	FLI36031	0.367822	0.121425	0.453958	-2.20285	0.659311	0.812001	-1.23153	0.226668	1.81668	1.81668	0.351507	0.637018	-1.56981	0.343577	0.63199	-1.5823	0.189708	0.520318	-1.9219	0.407704	0.708164	-1.4121	0.319619	1.62208	1.62208	0.561432	1.31805	1.31805	1.28341	4.49619	3.11407	1
cg20054262	UNC84A;UNC84A;UNC84A;UNC84A	0.367829	0.9034372	1.10688	1.10688	0.115314	0.762512	-1.31146	0.0917175	0.7976	-1.25381	0.6.2e-01	0.8.2e-01	1.21.2e-01	0.14147	1.008	1.008	0.657931	0.931683	-1.07312	0.0810074	0.6881094	-1.4967	0.465913	1.1247	1.1247	0.452204	0.885777	-1.12885	0.14239	0.509783	0.353081	1
cg15118204	MAFG;MAFG;SIT7	0.367833	0.87183	0.970132	-1.03079	0.930375	0.983721	-1.01655	0.932572	1.01602	1.01602	0.58055	1.12423	1.12423	0.285769	1.23148	1.23148	0.247366	1.25503	1.25503	0.336477	0.830166	-1.20458	0.0607758	0.672327	-1.48737	0.270796	0.806268	-1.24028	1.28339	0.716999	0.496602	1
cg03111805	LDLRAD3	0.367835	0.0348838	0.708358	1.41192	0.0158122	0.562509	1.77842	0.0248434	0.65252	-1.53232	0.394834	0.5.2e-01	1.91.2e-01	0.0.2e-01	0.2.2e-01	0.2.2e-01	0.509029	0.96000	-1.04213	0.759461	0.9.2e-01	1.08.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	1.28339	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	0.2.2e-01	1
cg14368220	MIR346;GRID1	0.367843	0.792321	1.20533	1.20533	0.833652	0.861704	-1.16049	0.986061	1.01244	1.01244	0.386302	1.87487	1.87487	0.261238	2.29152	2.29152	0.222912	0.409349	-2.44291	0.685084	0.74935	-1.33449	0.377348	0.249153	-4.01359	0.195302	2.63637	2.63637	1.28335	10.1808	7.05149	1
cg07204661	TNC1D4	0.367845	0.516392	1.47439	1.47439	0.1749	0.492362	-2.09228	0.109778	0.675847	1.47939	0.0.2e-01	0.0.2e-01	1.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.219807	0.761728	1.31281	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1.28335	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1
cg21752095	FAM159A	0.367918	0.443771	1.47199	1.47199	0.0387228	3.27174	3.27174	0.121768	2.29462	2.29462	0.760488	1.16346	1.16346	0.633888	0.788536	-1.26817	0.31764	1.66776	1.66776	0.467884	1.44146	1.44146	0.221212	1.89031	1.89031	0.76371	0.861325	-1.161	1.28317	4.98275	3.45169	1
cg23736297	RPTOR;RPTOR	0.367924	0.9666072	1.03449	-1.53394	0.1749	0.4.2e-01	2.44262	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1.12566	-1.12566	0.863262	1.08276	1.08276	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1.28317	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1
cg02175033	KIAA0247	0.367928	0.705059	0.795027	-1.25775	0.0909656	0.07371	1.07371	0.371158	1.73982	1.73982	0.317613	0.536357	-1.86443	0.487579	0.653563	-1.53007	0.84908	0.891468	-1.12175	0.36185	0.568223	-1.76087	0.960169	0.970131	-1.03058	0.160025	0.344856	-2.89977	1.28315	7.39091	5.11998	1
cg04910090	SCUB3	0.367931	0.623841	1.60415	1.60415	0.1749	0.4.2e-01	2.44262	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1.74414	-1.74383	0.137339	1.37818	1.37818	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1.28317	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1
cg18504498	AP2A2	0.367943	0.726287	1.07681	1.07681	0.0603375	0.640162	-1.5621	0.321534	0.806023	-1.24066	0.59111	0.883039	-1.13245	0.812135	1.05141	1.05141	0.773385	0.941019	-1.06268	0.0892976	1.48365	1.48365	0.673307	0.0934	1.0934	0.929562	0.981556	-1.01879	1.28311	0.9009969	0.624155	1
cg10769507	PIK3CG	0.367951	0.130072	0.407651	-2.45308	0.112066	0.386929	-2.58445	0.0692706	0.327807	-3.05058	0.573566	0.731925	-1.36626	0.509202	0.692489	-1.44407	0.126013	0.403133	-2.48057	0.417398	0.63458	-1.57585	0.695045	0.805569	-1.24136	0.664974	1.27011	1.27011	1.28309	6.1199	4.23969	1
cg05966163	MEIG1	0.367954	0.0739844	0.659554	-1.51611	0.1196212	1.56295	1.56295	0.129447	1.29497	1.29497	0.040066	1.40202	1.40202	0.174078	0.7081	1.41201	0.486771	1.05381	1.05381	0.744925	0.9491	1.05381	1.05381	0.744925	0.9491	1.05381	1.05381	0.744925	0.9491	1.05381	1.05381	0.744925	0.9491	1.05381	1.28309	0.124511	0.285163	1
cg22271457	EXT1	0.367963	0.225472	0.302891	-3.30152	0.257842	0.330266	-3.02787	0.568087	0.581945	-1.71838	0.52847	0.549253	-1.82066	0.0367039	0.102564	-9.75005	0.39702	0.443204	-2.2563	0.5711	0.5844512	-1.711	0.0902211	0.173451	-5.76533	0.174181	0.257604	-3.88193	1.28306	17.8892	12.3934	1
cg04374939	SPSB1	0.367963	0.708944	0.827707	-1.20793	0.045744	0.2.2e-01	4.45445	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.515644	1.19306	1.19306	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1.28306	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1
cg07314525	AFMID;AFMID;AFMID;TK1;AFMID	0.367965	0.0706232	0.726843	-1.37581	0.244908	0.985166	-1.01506	0.327109	1.17293	1.17293	0.180211	0.798013	-1.25154	0.853752	0.971326	-1.02952	0.288694	1.18965	1.18965	0.603576	0.920723	-1.0861	0.0306751	1.30479	0.825185	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1.28305	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1
cg17284676	PTPN2;PTPN2;PTPN2	0.367968	0.626463	0.868358	-1.1516	0.967569	1.01177	1.01177	0.0295752	0.478455	-2.09006	0.112334	0.60806	-1.64457	0.945141	0.673732	-1.48427	0.345301	0.755599	-1.32275	0.491242	0.818534	-1.2217	0.863252	1.05086	1.05086	0.794874	0.927763	-1.07786	1.28305	1.68285	1.16587	1
cg08589214	VDAC1	0.367968	0.624824	1.44958	1.44958	0.1749	0.4.2e-01	2.44262	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.8062315	-1.24036	0.894735	0.9675156	-1.03387	0.7001309	1.13596	1.13596	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1.28305	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	1
cg12851426	NKAIN2	0.367975	0.157401	0.145396	1.45396	0.162046	0.691014	-1.44715	0.163964	0.692331	-1.4444	0.743324	0.921875	-1.08475	0.21721	1.37907	1.37907	0.593509	1.42668	1.42668	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01	0.0.2e-01

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg04832210	MBTPS1	0.368229	0.8881111	-1.12472	0.0632998	1.45682	0.45682	1.45682	0.492085	1.33374	1.33374	1.33374	0.644352	1.08737	1.08737	0.719373	1.06716	1.06716	0.857231	1.03297	1.03297	0.115126	0.734454	-1.36156	0.552412	0.897371	-1.11437	0.331525	1.19686	1.19686	1.28242	0.609206	0.456019	1
cg24330795	LOC121952	0.368235	0.0325609	2.15205	2.15205	0.53385	1.20137	1.20137	0.169558	1.56563	1.56563	0.395306	1.30566	1.30566	1.97881	1.51733	1.51733		0.116993	1.68488	1.68488	0.392112	1.30814	1.30814	0.503411	1.23126	1.23126	0.901348	1.03872	1.03872	1.28242	1.90629	1.32133	1
cg17274072	ZNF774	0.368236	0.9836691	1.00503	1.00503	0.215511	1.37699	1.37699	0.394392	1.23871	1.23871	0.227134	0.732598	-1.365	0.605674	0.880031	-1.13632		0.241536	0.7402	-1.35099	0.116582	1.51958	1.51958	0.534829	0.857062	-1.16678	0.436909	0.823149	-1.21485	1.2824	1.22309	0.847779	1
cg20675150	TRIM27	0.368236	0.212343	0.634316	-1.5765	1.080615	0.611039	-1.63656	0.117813	0.555125	-1.8014	0.96179	1.01674	0.065797	0.488617	-2.04645			0.795316	0.931851	-1.09427	0.57966	0.823576	-1.21395	0.934509	1.02889	1.02889	0.120063	0.55745	-1.79388	1.2824	2.43896	1.69055	1
cg08155817	ZNF428	0.368244	0.858423	1.03845	1.03845	0.134073	1.40693	1.40693	0.857885	1.03761	-1.20961	0.139933	1.39876	1.39876	0.7755304	1.51901	1.51901		0.614705	1.11321	1.11321	0.571309	0.886132	-1.1285	0.652727	1.10044	1.10044	0.339775	1.23109	1.23109	1.28238	0.906862	0.628596	1
cg01994138	RECQL5;SAP30BP;RECQL5	0.368257	0.212187	2.16655	2.16655	0.228831	0.476818	-2.09723	0.62697	0.751641	-1.33042	0.221215	1.52653	1.52653	1.52653	?	?	?	0.100683	2.89171	2.89171	0.596236	0.732151	-1.36584	0.949815	0.904014	-1.03733	0.74733	1.2072	1.2072	1.30772	0.10082	4.6881	1
cg12568362	PRKD2;PRKD2;PRKD2	0.368278	0.1656053	0.503334	-1.98675	0.421201	0.682822	-1.46451	0.143619	0.482097	-2.07427	0.0264052	0.294539	-3.39513	0.374683	0.655034	-1.52664		0.412545	0.677739	-1.47549	0.330354	0.627271	-1.59421	0.78511	0.88082	-1.13531	0.31124	0.614811	-1.62652	1.2823	4.37823	3.03499	1
cg08201518	LOC220729	0.368281	0.205069	1.57804	1.57804	0.861661	1.103063	1.06063	0.989413	0.995762	-1.00449	0.128078	0.573981	-1.74325	0.276378	0.682441	-1.46532		0.364241	1.36976	1.36976	0.565582	1.64718	1.64718	0.315442	1.40761	1.40761	0.649857	1.16675	1.16675	1.28229	2.31272	1.60319	1
cg09761067	WASL	0.368291	0.739442	1.0607	1.0607	0.472557	1.13768	1.03769	0.985985	1.38562	0.92864	1.01594	1.01594	1.01594	0.09202342	1.38739	1.38739		0.67029	0.927179	-1.07854	0.337874	1.17486	1.17486	0.214726	1.28357	1.28357	0.803757	1.14026	1.28242	1.28227	0.632963	0.43878	1
cg19321858	POLR1A;PTCD3	0.368292	0.714041	1.04655	1.04655	0.957416	0.99342	-1.00662	0.540171	1.07968	1.07968	0.0893751	1.26057	1.26057	0.576233	1.0723	1.0723		0.382066	1.1172	1.1172	0.19975	1.18232	1.18232	0.230185	1.1684	1.1684	0.0350903	1.35462	1.35462	1.28227	0.3304	0.215174	1
cg21794270	SYNGR1;SYNGR1;SYNGR1	0.368297	0.4153882	1.604236	1.604236	0.7547	1.38586	1.38586	0.414411	1.66528	1.66528	0.271584	1.92908	1.92908	0.245359	2.008836	2.008836		0.436197	1.03809	-1.04155	0.818613	0.2617756	1.83036	0.81305	0.866267	-1.15438	0.866802	0.901301	-1.10705	1.28227	7.454	5.16724	1
cg17415989	FCHO1;FCHO1	0.368309	0.945372	0.95586	-1.04638	0.218357	0.3442	1.3457	0.145908	2.79679	2.79679	0.792353	0.841106	-1.18891	0.727055	0.793855	-1.25968		0.471654	0.617333	-1.61987	0.154573	0.366479	-2.72867	0.263962	2.15352	2.15352	0.237167	2.26113	2.26113	1.28222	8.81348	6.10986	1
cg10251626	ADAMTS7	0.368313	0.946375	1.05466	1.05466	0.018846	1.56017	1.56017	0.300385	1.33755	1.33755	0.525604	0.840107	-1.19013	0.159819	0.665739	-1.50209		0.846935	0.598815	1.67009	0.026353	0.954932	-1.04768	0.941402	-1.06298	0.521697	1.91934	1.19234	1.28221	1.40908	1.09289	1.02939	1
cg16170346	TMPRSS9	0.368316	0.840863	0.92368	-1.08263	0.138504	1.95362	1.95362	0.944839	2.06605	2.0665	0.306133	1.51955	1.51955	0.879278	1.06186	1.06186		0.288148	1.54569	1.54569	0.21533	0.597492	-1.67366	0.512912	1.29958	1.29958	0.703243	0.859725	-1.16316	1.2822	3.16677	2.19536	1
cg01540023	FARP1	0.368317	0.985319	1.00615	1.00615	0.0283521	0.421949	-2.36996	0.312551	0.7059	-1.41663	0.19787	1.57422	1.57422	0.970099	0.987581	-1.01258		0.758133	0.902146	-1.10847	0.65518	0.860828	-1.16167	0.420956	0.760252	-1.31535	0.706582	0.885138	-1.13438	1.28221	2.25729	1.56486	1
cg12162197	SAP30L;SAP30L;SAP30L;SAP30L	0.368322	0.923997	1.08642	-1.01497	0.142015	0.787211	-1.27031	0.286347	1.183271	1.18271	0.0565886	0.701016	1.38693	0.502089	1.10957	1.10957		0.807004	0.963585	-1.03779	0.861828	0.979343	-1.02675	0.988037	1.00227	1.00227	0.346374	1.15832	1.15832	1.28219	0.466458	0.323375	1
cg01540669	STAP2;STAP2;STAP2;STAP2	0.368328	0.190948	0.632533	-1.58095	0.189207	0.63126	-1.58413	0.885986	0.953653	-1.0486	0.313138	1.4121	1.4121	0.0777815	0.522923	-1.91233		0.817994	1.07923	1.07923	0.921082	1.03332	1.03332	0.318322	1.40657	1.40657	0.559168	0.8225	-1.21575	1.28218	2.22164	1.54019	1
cg25052374	CANT1;CANT1;CANT1 KCNC4;KCNC4;KCNC4;KCNC4;KCNC4;KC	0.368339	0.758892	0.906133	-1.10359	0.242767	1.47902	1.47902	0.137637	1.66845	1.66845	0.724741	1.11985	1.11985	0.868627	1.0552	1.0552		0.320143	0.719713	-1.38944	0.34528	1.36508	1.36508	1.01281	1.75121	1.75121	0.13234	1.68199	1.68199	1.28215	2.08156	1.4431	1
cg24599205	NC4	0.368343	0.338455	4.0094	4.0094	0.663511	0.540061	-1.85164	0.263476	1.51789	1.51789	0.337666	0.40907	0.40907	?	?	?		0.407005	3.29932	3.29932	0.147751	8.89626	8.89626	0.0708457	17.1247	17.1247	?	?	?	1.27325	31.0638	27.8825	1
cg08567498	C19orf48;C19orf48;C19orf48;C19orf48	0.368344	0.965327	1.01008	1.01008	0.219397	0.73948	-1.3523	0.152034	1.42741	1.42471	0.393185	0.817287	-1.22356	0.101436	1.16662	1.16662		0.613293	0.889092	-1.12474	0.127185	1.46303	1.46303	0.84981	0.957213	1.0447	0.207765	1.35853	1.35853	1.28214	1.0805	0.749097	1
cg07447518	SH3KBP1	0.368347	0.3323187	1.68756	1.68756	0.0127754	1.16593	1.16593	0.0855	1.28785	1.28785	0.478945	0.889962	1.32074	0.0422185	1.46756	1.46756		0.1267201	1.47882	1.47882	0.0185475	1.68903	1.68903	0.0592875	1.6867	1.6867	0.0179528	1.72907	1.72907	1.28216	1.28361	1.28361	0.213183	0.76907	0.54639	1
cg05891652	FBLN2;FBLN2;FBLN2	0.368348	0.564207	1.16251	1.16251	0.236068	0.72561	-1.37815	0.571257	1.15929	1.15929	0.0337336	0.527	-1.89753	0.72715	1.09471	1.09471		0.604648	1.873786	-1.14444	0.920303	0.974479	-1.02619	0.827147	0.945073	-1.05812	0.176201	1.689722	-1.44986	1.28213	1.35506	0.939453	1
cg15243267	DOCK4;ZNF277	0.368348	0.720617	0.934896	-1.06964	0.543297	0.816899	-1.12225	0.785785	0.950213	-1.0524	0.182653	0.767123	-1.30357	0.26416	1.24381	1.24381		0.603189	0.906368	-1.1033	0.114191	1.29476	1.29476	0.0944362	1.13907	1.13907	0.160905	1.3241	1.3241	1.28213	0.71357	0.494713	1
cg03513363	TTLL9;DUSP15;DUSP15;DUSP15;TTLL9	0.36835	0.243363	0.826717	-1.2096	0.648638	1.07413	1.07413	0.393398	0.872594	-1.14601	0.245546	0.827511	-1.20844	0.281611	0.839932	-1.19057		0.17562	0.798916	-1.2517	0.0930992	0.749775	-1.33373	0.225664	0.820085	-1.21939	0.403592	1.14252	1.14252	1.28213	0.493442	0.3421	1
cg00172189	SEMG2;SEMG2;SEMG2;SEMG2	0.368362	0.51176	1.30651	1.30651	0.0331419	0.929099	-1.07638	0.0603769	0.9939413	0.995762	-1.00449	0.128078	0.573981	-1.74325	0.276378	0.682441	-1.46532	0.662128	0.838066	-1.1933	0.182292	1.56658	1.56658	0.139624	0.968367	-1.03267	0.8037	1.10524	1.10524	1.28241	0.37769	2.27245	1
cg09888447	MAD11;MAD11;MAD1L1	0.368364	0.640611	0.785286	-1.27342	0.240748	0.531863	-1.88018	0.178834	0.479886	-2.08183	0.676362	1.04287	1.24087	0.0328615	0.277169	3.6079		0.314122	0.585572	-1.70773	0.177678	0.478833	-2.08842	0.913543	0.915287	-1.09255	0.512796	0.710895	1.40668	1.28209	1.3663	3.72052	1
cg13663218	LOC283392;TRHDE;LOC283392	0.368366	0.894955	1.02755	1.02755	0.837095	0.958534	-1.04326	0.986659	0.996567	-1.00345	0.89132	1.02852	1.02852	0.0942495	0.684939	-1.45998		0.0742199	0.66417	-1.50564	0.163969	0.734547	-1.36138	0.614348	0.900764	-1.11017	0.31458	1.23853	1.23853	1.28209	0.859198	0.595694	1
cg08844211	MDC1	0.368382	0.513536	1.3063	1.3063	0.0334573	1.25373	1.25373	0.373409	1.14527	-1.43527	0.354756	0.808462	1.25373	0.0291632	0.361849	2.76358		0.908412	0.955508	-1.04601	0.56	0.912966	1.12296	0.703993	1.12296	0.703993	1.16298	0.850251	0.92798	1.07761	1.28208	1.12761	2.2017	1
cg04842157	ADAMTS19	0.368387	0.297687	0.800716	-1.24888	0.402184	0.838196	-1.19304	0.79457	0.947698	-1.05519	0.750577	0.924708	-1.08142	0.0546125	0.638367	1.5665		0.530875	1.13961	1.13961	0.50638	0.807401	1.14889	0.931738	1.01779	1.01779	0.137261	1.39028	1.39028	1.28208	0.860552	0.596635	1
cg24931882	CASK;CASK;CASK	0.368409	0.5038	1.26496	1.26496	0.197046	0.839571	-1.19156	0.662755	0.870671	-1.14956	0.163599	0.822116	-1.21786	0.0569933	0.737496	1.35646		0.712979	0.701041	-1.42657	0.0911485	0.764499	1.30811	0.548419	1.30811	0.548419	1.33107	0.751227	1.46649	1.46649	1.28207	1.46649	0.18857	1.14399	0.93558	1
cg27560220	LOC389634	0.368373	0.58261	1.16246	1.16246	0.512011	1.19766	1.19766	0.21026	1.43058	1.43058	0.653338	1.13045	1.13045	0.688339	0.896409	-1.11556		0.981204	0.993631	-1.00641	0.0630839	0.567212	-1.76301	0.539835	1.18334	1.18334	0.138692	1.5408	1.5408	1.28207	1.49364	1.03558	1
cg06233122	TMEM70;TMEM70	0.368375	0.576681	1.18014	1.18014	0.61828	1.15898	1.15898	0.696613	0.891296	-1.12196	0.772098	0.918211	-1.08907	0.418067	1.27511	1.27511		0.704073	1.186	1.1186	0.033793	0.748107	-2.07893	0.317358	1.35469	1.35469	0.355515	1.32229	1.32229	1.28206	1.75149	1.21436	1
cg09280709	GNA11	0.368376	0.203305	1.79189	1.79189	0.0425132	0.691311	-1.45493	0.0553095	1.47035	1.47035	0.13014	0.713004	1.40206	0.0178756	1.4293	1.4293		0.314544	1.89374	1.89374	0.0851	0.728918	1.37202	0.729202	1.37202	0.729202	1.4153	0.707023	1.4153	1.28197	1.02023	0.688149	0.696718	1.45353	1.45353	1.28206	0.741313	0.913972	1
cg16851924	CERKL;CERKL;CERKL;CERKL;CERKL	0.368376	0.0393385	0.131101	-7.62768	0.869247	2.15074	2.15074	0.666115	1.44769	1.44769	0.718033	1.36212	1.36212	0.9977	0.997547	1.00246		0.105578	0.221613	-4.51237	0.46194	1.89315	1.89315	0.742073	0.754677	-1.32507	0.638789	1.14962	1.14962	1.28206	14.7483	10.2254	1
cg00469287	C7orf30	0.368391	0.675189	1.06753	1.06753	0.3302633	1.48433	1.48433	0.0732816	1.36299	1.36299	0.908831	1.01792	1.01792	0.980625	0.996242	-1.00377		0.590017	1.088	1.088	0.618064	0.925022	-1.08105	0.667782	1.06924	1.06924	0.477058	1.11862	1.11862	1.28202	0.488122	0.338438	1
cg12654032	C20orf166;C20orf200	0.368394	0.179024	2.0757	2.0757	0.104049	2.48245	2.48245	0.645431	1.26747	1.26747	0.338164	1.65719	1.65719	0.179581	2.07353	2.07353		0.291108	1.75147	1.75147	0.0420683	3.31455	3.31455	0.621421	1.29003	1.29003	0.266671	1.80771	1.80771	1.28202	5.31425	3.68464	1
cg19101068	PCDH9;PCDH9	0.368398	0.5031936	1.2827771	1.27265	0.1460888	1.57208	1.57208	0.0857818	1.634456	1.634456	0.2511	1.54411	1.54411	0.508366	1.1704	1.1704		0.2571777	0.75814	-1.31958	0.166176	0.663145	-1.51253	0.830171	1.05168	1.05168	0.327152	1.26772	1.26772	1.28202	1.11661	0.774207	1
cg06363516	CAPN10;CAPN10;CAPN10;CAPN10	0.368401	0.518893	1.62775	1.62775	0.743243	0.92701	-1.07874	0.352516	0.802039	-1.24682	0.91022	1.02635	1.02635	0.24911	0.753476	-1.32017		0.974412	0.926632	-1.00742	0.21299	1.35313	1.35313	0.890013	0.9686	-1.03242	0.0407197	0.579981	-1.7242	1.282	1.07951	0.748489	1
cg12589486	NDST1	0.368405	0.4251556	2.0962	2.0962	0.193831	0.977455	-1.02306	0.921896	1.02908	1.02908	0.45641	1.19117	1.19117	0.881888	1.00669	1.00669		0.63121	1.15186	1.15186	0.377544	1.27431	1.27431	1.13735	1.52735	1.52735	0.754107	1.0962	1.0962	1.282	1.0962	1.0962	1
cg07998213	DGKZ;DGKZ	0.368407	0.421106	0.713676	-1.4012	0.585998	0.797939	-1.25323	0.0520962	0.403779	-2.4766	0.226217	0.593598	-1.68464	0.0704345	0.43609	-2.29311		0.951819	1.02511	1.02511	0.725357	1.15577	1.15577	0.80796	0.904886	-1.10511	0.242566	0.605345	-1.65195	1.28199	3.42034	2.37156	1
cg18507162	AIPM1	0.368413	0.215776	0.540919	-1.85021	0.358635	1.35688	1.35688	0.0447962	1.04614	1.04614	0.0907028	1.27205	1.27205	0.0299766	1.09245	1.09245		0.998684	1.00205	1.00205	0.992	1.31199	1.31199	0.774845	1.31199	1.31199	0.774845	1.09622	1.09622	1.28197	2.21339	1.47161	1
cg08475096	GRIA2;GRIA2;GRIA2	0.368415	0.623876	0.934432	-1.07017	0.708852	0.928236	-1.07731	0.0809196	1.07336	1.07336	0.132616	1.25986	1.25986					0.871074	1.02254	1.02254	0.31102	0.866038	-1.15468	0.840476	1.02804	1.02804	0.155684	1.22903	1.22903	1.28197	0.928238	0.265065	1
cg08725840	NOX4;NOX4;NOX4;NOX4	0.368421	0.0888531	0.391731	-2.55277	0.515924	0.719686	-1.3895	0.101077	0.407931	-2.45139	0.250067	0.548686	-1.82254	0.366846	0.629435	-1.58873		0.461489	0.687728	-1.45406	0.0481177	0.332674	-3.00853	0.305431	0.588644	-1.69882	0.512559	0.717733	-1.39328	1.28195	5.06299	3.51062	1
cg19544112	BANK1;BANK1;BANK1	0.368427	0.624004	0.799561	-1.25071	0.0424304	0.641266	-1.5591	0.688261	0.832049	-1.20185	0.66073	0.81875	-1.22151	0.262688	0.894341	-1.11841		0.961283	0.978232	-1.02225	0.556486	0.877128	1.14013	0.877128	1.14013	0.877128	1.17051	0.828472	1.05103	1.05103	1.28195	1.22401	1.28194	0.416225	0.88608	1
cg13108194	ING1;ING1;ING1;ING1	0.368429	0.967662	1.01562	1.01562	0.316775	0.673368	-1.48507	0.559863	0.798209	-1.2528	0.654163	1.18833	1.18833	0.121099	0.525938	1.90137		0.151511	0.555735	-1.79942	0.326559	0.678953	-1.47285	0.126719	1.88041	1.88041	0.843308	0.927137	-1.07859	1.28193	2.96703	2.05733	1
cg13155690	OVCA2;OPN1	0.368443	0.472809	0.8465	-1.18133	0.228714	1.33415	1.33415	0.554546	1.14617	1.14617	0.839089	0.954659	-1.04769	0.109458	0.673474	-1.48526		0.666392	1.10405	1.10405	0.117543	0.678945	-1.47295	0.23194	0.748959	-1.33559	0.5397012	0.86767	-1.15251	1.28193	1.06744	0.732311	1
cg09624840	HIF2;HIF2;HIF2;HIF2	0.368435	?	?	?	0.164713	0.96666	-1.03466	0.9666	0.96666	0.96666	0.21275	0.21275	0.45163	4.70699	4.70699	0.276184	3.62	0.162529	0.31218	0.149741	22.6347	22.6347	0.318676	0.81851	0.81851	0.0897322	43.7439	43.7439	1.27834	73.4156	57.4393	1
cg00776364	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.368439	0.43282	0.578423	-1.72884	0.174689	0.372561	-2.68412	0.298195	0.479288	-2.09075	0.448177	0.69665	0.69665	0.272555	0.457929	-2.18374		0.70716	0.72751	-1.29448	0.946588	0.604689	1.06408	0.0836295	3.70441	3.70441	0.444108	0.586494	-1.70505	1.28191	9.49656	6.58502	1
cg18372637	KHNYN;CELN3	0.368444	0.00743102	2.06842	2.06842	0.137977	1.02523	1.02523	0.749851	1.06401	1.06401	0.34832	0.703388	0.806107	-1.24051	0.31085	-3.21668		0.741199	1.0206	1.0206	0.118301	0.39178	2.55047	0.448152	-2.18268	0.514654	0.621327	0.609423	-1.64091	1.28191	1.02403	0.799152	1
cg00681517	C21orf33;C21orf33	0.368451	0.570356	0.892918	-1.11992	0.267712	1.25608	1.25608	0.581993	0.896024	-1.11604	0.274517	1.25172	1.25172	0.970789	1.00726	1.00726		0.53208	0.882515	-1.13313	0.0349213	0.615446	-1.62484	0.949719	0.987624	-1.01253	0.678435	1.08582	1.08582	1.28188	0.791692	0.548981	1
cg27220968	ACHE;ACHE	0.368453	0.606568	0.880921	-1.13517	0.0785751	1.611	1.611	0.248521	1.34234	1.34234	0.749265	0.93472	-1.08141	0.947842	0.924623	-1.08152		0.998684	1.00205	1.00205	0.992	0.998054	1.01209	0.956292	0.793285	1.36058	1.06002	1.53732	1.53732	1.28187	1.2042	0.838646	1
cg08475096	GRIA2;GRIA2;GRIA2	0.368455	0.623876	0.934432	-1.07017	0.708852	0.928236	-1.07731	0.0809196	1.07336	1.07336	0.132616	1.25986	1.25986					0.871074	1.02254	1.02254	0.31102	0.866038	-1.15468	0.840476	1.02804	1.02804	0.155684	1.22903	1.22903	1.28197	0.928238	0.265065	1
cg08725840	NOX4;NOX4;NOX4;NOX4	0.368421	0.0888531	0.391731	-2.55277	0.515924	0.719686	-1.3895	0.101077	0.407931	-2.45139	0.250067	0.548686	-1.82254	0.366846	0.629435	-1.58873		0.461489	0.687728	-1.45406	0.0481177	0.332674	-3.00853	0.305431	0.588644	-1.69882	0.512559	0.717733	-1.39328	1.28195	5.06299	3.51062	1
cg19544112	BANK1;BANK1;BANK1	0.368427	0.624004	0.799561	-1.25071	0.0424304	0.641266	-1.5591	0.688261	0.832049	-1.20185	0.66073	0.81875	-1.22151	0.262688	0.894341	-1.11841		0.961283	0.978232	-1.02225	0.556486	0.877128	1.14013	0.877128	1.14013	0.877128	1.17051	0.828472	1.05103	1.05103	1.28195	1.22401	1.28194	0.416225	0.88608	1
cg13108194	ING1;ING1;ING1;ING1	0.368429	0.967662	1.01562	1.01562	0.316775	0.673368	-1.48507	0.559863	0.798209	-1.2528	0.654163	1.18833	1.18833	0.121099	0.525938	1.90137		0.151511	0.555735	-1.79942	0.326559	0.678953	-1.47285	0.126719	1.88041	1.88041	0.843308	0.927137	-1.07859	1.28193	2.96703	2.05733	1
cg13155690	OVCA2;OPN1	0.368443	0.472809	0.8465	-1.18133	0.228714	1.33415	1.33415	0.554546	1.14617	1.14617	0.839089	0.954659	-1.04769	0.109458	0.673474	-1.48526		0.666392	1.10405	1.10405	0.117543	0.678945	-1.47295	0.23194	0.748959	-1.33559	0.5397012	0.86767	-1.15251	1.28193	1.06744	0.732311	1
cg09624840	HIF2;HIF2;HIF2;HIF2	0.368435	?	?	?	0.164713	0.96666	-1.03466	0.9666	0.96666	0.96666	0.21275	0.21275	0.45163	4.70699	4.70699	0.276184	3.62	0.162529	0.31218	0.149741	22.6347	22.6347	0.318676	0.81851	0.81851	0.0897322	43.7439	43.7439	1.27834	73.4156	57.4393	1
cg00776364	SH2B1;SH2B1;SH2B1;SH2B1;SH2B1	0.368439	0.43282	0.578423	-1.72884	0.174689	0.372561	-2.68412	0.298195	0.479288	-2.09075	0.448177	0.69665	0.69665	0.272555	0.457929	-2.18374		0.70716	0.72751	-1.29448	0.946588	0.604689	1.06408	0.0836295	3.70441	3.70441	0.444108	0.586494	-1.70505	1.28191	9.49656	6.58502	1
cg18372637	KHNYN;CELN3	0.368444	0.00743102	2.06842	2.06842	0.137977	1.02523	1.02523	0.749851	1.06401	1.06401	0.34832	0.703388	0.806107	-1.24051	0.31085	-3.21668		0.741199	1.0206	1.0206	0.118301	0.39178	2.55047	0.448152	-2.18268	0.514654	0.621327	0.609423	-1.64091	1.28191	1.02403	0.799152	1
cg00681517	C21orf33;C21orf33	0.368451	0.570356	0.892918	-1.11992	0.267712	1.25608	1.25608	0.581993	0.896024	-1.11604	0.274517	1.25172	1.25172	0.970789	1.00726	1.00726		0.53208	0.882515	-1.13313	0.0349213	0.615446	-1.62484	0.949719	0.987624	-1.01253	0.678435	1.08582	1.08582	1.28188	0.791692	0.548981	1
cg27220968	ACHE;ACHE	0.368453	0.606568	0.880921	-1.13517	0.0785751	1.611	1.611	0.248521	1.34234	1.34234	0.749265	0.93472	-1.08141	0.947842	0.924623	-1.08152		0.998684	1.00205	1.00205	0.992	0.998054	1.01209	0.956292	0.793285	1.36058	1.06002	1.53732	1.53732	1.28187	1.2042	0.838646	1
cg00100399	C7orf57	0.368458	0.488771	0.93955	1.03935	0.933102	1.01042	1.01042	0.0801077	1.28136	1.28136	0.573561	1.07531	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Test)	SS(Test)	SS(Error)	df
cg17007391	ZDHHC1	0.368864	0.74909	1.03269	0.763078	-1.10248	0.442585	0.846695	-1.17828	0.671591	0.1851	1.08051	0.05103	1.6533558	0.653358	-1.53055	0.740609	0.938356	-1.06569	0.601273	0.10625	1.10625	0.104393	0.90729	-1.10218	0.368115	0.837739	-1.19369	1.2809	0.744092	0.516367	1
cg17337021	IDS;IDS;IDS	0.368856	0.141606	0.240942	-4.15038	0.741253	0.166614	-6.00188	0.928943	1.08363	1.083653	0.760811	0.13164	1.316444	0.296205	2.65207	0.141077	0.240418	-4.15942	0.767791	0.774181	-1.29168	0.850396	0.843643	-1.18534	0.683357	1.44669	1.44669	1.2809	16.4493	11.4151	1
cg04985611	TBXA2R;TBXA2R	0.368863	0.179492	0.470443	-2.12566	0.097924	0.382798	-2.61234	0.24704	0.527204	-1.8968	0.24465	0.525338	-1.90354	0.560142	1.36561	1.36561	0.789187	1.15227	1.15227	0.614533	0.764468	-1.3081	0.07615587	0.352169	-2.83954	0.550175	0.726341	-1.37676	1.28088	5.67467	3.93803	1
cg06852243	DNAH9	0.368867	0.699389	1.124	1.124	0.152258	1.58728	1.58728	0.44308	1.26567	0.786634	1.08518	1.08518	0.600605	0.852893	-1.17248	0.667815	1.13891	1.13891	0.424332	0.782062	-1.27867	0.652466	0.87234	-1.14634	0.04569888	0.501477	-1.99411	1.28187	1.84132	1.27783	1
cg16079837	AR;AR	0.368874	0.05364638	0.06355507	-15.7355	0.190696	0.175066	-5.71212	0.500839	0.423459	-2.36151	0.66927	0.71667	0.791456	0.715498	-1.39763	0.297842	0.257372	-3.88543	0.78449	0.140708	0.911123	1.15076	1.15076	0.08884471	0.094396	0.501997	-1.99411	1.28187	0.284585	32.084	22.2657	1
cg05028467	SNCB;EIF4E1B;SNCB	0.36888	0.448923	1.35864	1.35864	0.727091	0.870089	-1.14931	0.688357	1.17367	1.17367	0.313202	1.48654	1.48654	0.909279	0.957737	1.19332	1.19332	0.041403	2.39498	0.043851	2.398492	2.50946	0.618555	1.22062	1.22062	0.152201	1.81892	1.81892	0.874114	1.065	1.065	1.20884	3.19998	2.22075	1
cg18085807	RPP21	0.368885	0.74835	1.32019	1.32019	0.788459	1.26122	1.26122	0.884461	1.1337	1.1337	0.83706	1.19448	1.19448	0.97613	0.97451	-1.02616	0.773354	1.28299	1.28299	0.0182208	0.0842807	-11.8651	0.484134	1.84709	1.84709	0.412598	2.06043	2.06043	1.28083	15.1074	10.4845	1
ch.1.1855738	PGD	0.368889	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-1.05815	0.797075	0.816655	-1.22451	0.92913	0.449843	2.223	1.28048	6.87227	7.51375	1
cg16282242	TMCC3	0.36889	0.271494	2.73488	2.73488	0.107447	0.438478	4.68438	0.283955	2.62895	2.253795	2.63284	0.272537	2.82604	2.828604	2.82604	0.229327	2.9974	0.9974	0.98466	1.083246	-1.01704	0.708463	1.33958	1.33958	0.131673	4.17962	4.17962	1.28081	15.6689	10.8743	1
cg09604352	PSMD2	0.368891	0.386598	1.27411	1.27411	0.253686	0.722266	-1.38453	0.923555	1.02654	1.02654	0.844907	1.05491	1.05491	0.0342049	0.509435	-1.96296	0.461689	1.22694	1.22694	0.470576	1.22183	1.22183	0.813985	1.06645	1.06645	0.632139	1.1407	1.1407	1.28081	1.51125	1.04882	1
cg15849872	TNNT3;TNNT3;TNNT3;TNNT3	0.368894	0.180336	1.61007	1.54805	0.107456	0.166656	-1.63666	0.670577	1.12748	1.12748	0.594445	1.00195	1.00195	0.0838224	0.584534	-1.71076	0.537054	1.89228	1.89228	0.1557	0.523163	1.97331	1.97331	1.00122	1.00122	0.504894	1.20893	1.20893	1.2808	1.59509	1.10701	1
cg14997510	HIP1R	0.368901	0.05038877	0.295048	-3.38927	0.14595	0.425574	-2.34977	0.791356	0.864927	-1.15617	0.8806027	0.346265	-2.88796	0.592498	0.744023	-1.34404	0.203863	0.480015	-2.08327	0.630872	0.767233	-1.30339	0.470673	0.669226	-1.49426	0.841269	1.11599	1.28079	0.670597	4.21682	1
cg11724552	C14orf80;C14orf80;C14orf80	0.368904	0.812889	1.37457	1.18877	0.06473	0.223142	-1.48145	0.136173	0.30886	-3.23737	0.193231	2.73089	2.73089	0.940593	0.947069	-1.05589	0.266441	0.54006	-1.85119	0.0479264	0.445938	2.24269	2.24269	0.0479264	0.445938	2.24269	1.56067	1.63975	0.742716	1.26675	1.12878	10.7997	7.49525	1
cg17750946	INPP5A	0.36907	0.11005	0.788545	-1.26816	0.730057	0.14838	1.04838	0.101193	1.27738	1.27738	0.397173	0.888474	-1.12553	0.328004	1.14764	1.14764	0.261854	0.852499	-1.17302	0.683577	1.05768	1.05768	0.932789	0.971575	-1.02926	0.844601	0.973588	-1.02713	1.28077	0.377363	0.2619	1
cg01283574	TAP2;TAP2	0.369018	0.357639	0.727556	-1.37446	0.0334375	0.413634	-2.36609	0.145594	0.59134	-1.69107	0.76705	0.880788	-1.13535	0.493619	1.20313	1.20313	0.764703	0.986998	0.994536	-1.00549	0.361232	1.37103	1.37103	0.761008	0.902516	-1.10801	0.317129	0.706313	-1.4158	1.28077	2.29306	1.59144	1
cg04414683	MPP2	0.36891	0.82406	1.07724	1.07724	0.260456	0.507338	-1.97107	0.334982	0.562765	-1.77694	0.2693136	0.344771	-2.90047	0.954071	1.03386	1.03386	0.153886	0.154526	2.4134	2.4134	0.97082	0.979075	-1.02137	0.485538	1.50638	1.50638	0.259894	1.87104	1.87104	1.2807	6.77951	4.70543	1
cg25620901	HEATR2	0.368942	0.7954	1.74502	-1.34228	0.256773	3.8238	3.8238	0.320513	3.19991	3.19991	0.875549	0.837279	-1.19434	0.0761974	0.106924	-9.35245	0.551467	0.50522	-1.97934	0.0981898	0.128043	-7.80986	0.749277	0.69535	-1.43812	0.688864	0.633764	-1.57788	1.28069	26.0444	18.0767	1
cg01184004	KIAA1715	0.368948	0.584567	1.925466	-1.88054	0.604268	0.940277	-1.06352	0.674765	1.14241	0.80156	-1.24757	0.135117	1.25355	1.25355	0.513331	1.09747	1.09747	0.157064	1.920056	-1.08689	0.8813143	0.762543	-1.3114	0.605727	0.929552	-1.07579	0.77524	0.950074	-1.05253	1.28067	0.399237	0.277102	1
cg23316161	ZNF605;ZNF605;ZNF605	0.368949	0.815003	0.802512	-1.24609	0.849402	1.19526	1.19526	0.390487	2.31251	2.31251	?	?	?	?	?	?	?	0.623077	0.62609	-1.59721	0.6657887	1.81126	1.81126	0.422912	0.459223	-2.17759	0.565945	1.72965	1.72965	1.40282	15.9329	7.09859	1
cg14212983	RAP1GAP;RAP1GAP	0.368952	0.301804	1.12543	1.12543	0.175483	1.1496	1.1496	0.0334	1.83045	1.830459	0.766387	0.766533	0.967645	-1.03344	0.940171	0.991743	-1.00833	0.213645	1.81943	1.81943	0.864341	1.0813	1.0813	0.899322	0.943788	-1.05956	0.0938429	2.32123	2.32123	1.28065	4.23727	2.94106	1
cg03599338	SUSD2	0.368959	0.110642	2.21344	2.21344	0.0628313	2.60311	2.60311	0.908061	0.948566	-1.05422	0.981084	1.0109	1.0109	0.642822	1.23795	1.23795	0.213645	1.81943	1.81943	0.864341	1.0813	1.0813	0.899322	0.943788	-1.05956	0.0938429	2.32123	2.32123	1.28065	4.23727	2.94106	1
cg05327447	FXYD6;FXYD6;FXYD6;FXYD6;FXY D6;FXYD6;FXYD6;FXYD6	0.36896	0.60038	0.830154	-1.2004	0.0991111	1.86782	1.86782	0.411973	1.33627	1.33627	0.285631	0.681663	-1467	0.805814	1.08884	1.08884	0.934385	0.971947	-1.02886	0.104477	0.541582	-1.84644	0.357805	0.721256	-1.38647	0.643661	1.17465	1.17465	1.28064	2.422	1.68111	1
cg25306611	ST6GALNAC5	0.368969	0.946393	1.01598	1.01598	0.362982	1.24664	1.24664	0.102295	1.52438	1.52438	0.293151	0.773428	-1.29294	0.86781	1.04006	1.04006	0.917829	0.975961	-1.02463	0.0939059	0.647711	-1.5439	0.532493	1.16076	1.16076	0.393478	1.22888	1.22888	1.28062	1.1276	0.782672	1
cg08846221	PDX14	0.368971	0.330285	0.779532	-1.28309	0.113477	0.29377	-1.23657	0.0509	0.777287	1.29267	0.0920428	0.145425	-1.72139	0.0967882	-1.03345	-1.60903	0.694898	0.912979	-1.09532	0.313189	0.7252	1.3786	1.3786	0.628586	1.10205	1.10205	0.826889	0.764161	1.30862	1.30862	1.0972	0.765177	1
cg19015711	EML4;EML4	0.368972	0.244951	1.48109	1.48109	0.891114	0.936458	-1.06785	0.132005	0.582974	-1.71534	0.1194	0.579411	-1.72589	0.208234	1.53491	1.53491	0.457797	1.27656	1.27656	0.750566	0.902131	-1.10849	0.754827	1.10646	1.10646	0.808325	0.924513	1.08165	1.28062	2.11526	1.46822	1
cg01077278	MATR3;MATR3	0.368976	0.992017	0.996702	-1.00331	0.324782	1.39895	1.39895	0.611908	1.18403	1.18403	0.279748	1.44917	1.44917	0.0912963	0.543624	-1.83951	0.083776	0.513631	-1.881	0.601645	0.840382	-1.18994	0.960831	0.983916	-1.01635	0.863355	0.944791	-1.05843	1.28061	2.21086	1.53459	1
cg25922125	GCC1	0.368984	0.143945	1.73182	1.73182	0.144325	1.12376	1.12376	0.144241	1.27139	1.27139	0.619124	0.994534	1.00547	0.0934225	0.720521	-1.38653	0.958538	0.989803	-1.01033	0.774103	0.946677	-1.05637	0.589606	0.898207	-1.11333	0.794613	0.949845	-1.0528	1.28059	0.788198	0.547208	1
cg18845832	FAM129A;FAM129A	0.369002	0.468066	1.13626	1.13626	0.488808	0.885441	-1.12938	0.164223	0.741406	-1.34879	0.237563	1.23872	1.23872	0.62467	1.24574	1.24574	0.569301	0.905278	-1.10463	0.760949	0.930742	-1.06753	0.567082	1.10528	1.10528	0.187716	1.27323	1.27323	1.28054	0.607134	0.421442	1
cg23875264	EDARADD;EDARADD	0.369024	0.534379	1.0962	1.0962	0.375483	1.18141	1.18141	0.161617	1.2524	1.2524	0.830459	0.963387	-1.03798	0.766533	0.957026	-1.04462	0.784204	0.708513	1.41155	0.0159	0.572476	1.74619	1.74619	0.0159	0.572476	1.74619	1.08884	1.04709	0.955071	1.14652	0.814334	1
cg23209255	MME;MME;MME;MME	0.369024	0.475819	0.750773	-1.33196	0.240243	1.62955	1.62955	0.214332	1.68138	1.68138	0.873673	0.939177	-1.06476	0.340092	1.47623	1.47623	0.484003	0.754908	-1.32466	0.567774	1.2562	1.2562	0.370145	0.694619	-1.43964	0.0761323	2.20627	2.20627	1.30996	3.15816	1.87513	1
cg11909989	EFR3A	0.369025	0.173239	1.40018	0.306651	1.27868	1.27868	0.423743	0.827147	-1.20897	0.28722	1.292621	1.292662	0.569664	0.875058	-1.14278	0.368731	1.29916	1.23916	0.647112	0.898472	-1.113	0.566877	1.14391	1.14391	0.110069	0.667283	-1.49862	1.28049	1.09415	0.759536	1
cg02309716	SAMD11	0.369028	0.354727	1.09403	1.09403	0.518455	1.18465	1.18465	0.0435	1.42546	1.425463	0.0930934	0.311394	3.210947	0.0603	3.320455	3.320455	0.858936	1.14397	1.14397	0.0940242	1.42193	4.23195	4.23195	0.0940242	1.42193	4.23195	1.98971	1.84968	1.8812	1.81842	1.29689	5.00545	1
cg04111177	NR3;NR3C1;NR3;NR3C1;NR3C1;NR3C1;NR 3C1;NR3C1	0.369029	0.582102	0.926358	-1.0795	0.25368	0.17829	1.17829	0.304116	1.15775	1.15775	0.59056	0.927973	-1.07762	0.505451	1.09746	1.09746	0.276295	1.16866	1.16866	0.907125	0.984066	-1.01619	0.823814	1.03117	1.03117	0.0297396	1.42203	1.42203	1.28048	0.384137	0.266662	1
cg12067024	S100A7A; COL6A3;COL6A3;COL6A3;COL6A3;COL6 A3	0.36903	0.593258	0.76671	-1.30427	0.0220169	0.258358	-3.87059	0.881276	1.07642	1.07642	0.485339	1.41815	1.41815	0.562008	1.33494	1.33494	0.530241	1.36791	1.36791	0.50466	1.39596	1.39596	0.302705	1.13174	1.13174	0.712371	0.833219	-1.20016	1.28048	4.92365	3.41793	1
cg01409709	A3	0.369035	0.199517	1.66926	1.66926	0.513743	0.771795	-1.29568	0.790487	0.901086	-1.10977	0.352424	0.687774	-1.45397	0.734588	0.875373	-1.14237	0.432017	0.730761	-1.36844	0.101611	2.01586	2.01586	0.170818	1.76908	1.76908	0.410449	1.38991	1.38991	1.28046	3.10281	2.15395	1
cg00245957	DNM3;DNM3	0.369036	0.060837	1.97887	1.97887	0.992972	1.02085	1.02085	0.612367	0.848215	-1.17895	0.720075	1.12326	1.12326	0.0715524	1.91545	1.91545	0.241123	1.4864	1.4864	0.305487	1.14088	1.14088	0.768035	1.10025	1.10025	0.243176	1.4836	1.4836	1.28046	2.11585	1.46881	1
cg05122100	PDE1C	0.36904	0.643192	0.894264	-1.11836	0.36737	1.1308	1.1308	0.482482	1.68212	1.68212	0.924395	0.966056	-1.03506	0.457052	1.20983	1.20983	0.688452	0.790198	-1.2655	0.317857	0.914559	-1.78107	0.0312706	0.476552	1.47652	0.137047	1.79734	1.79734	1.28045	0.81253	0.448492	1
cg22314787	LOC400940	0.369059	0.414482	1.16457	1.16457	0.5427	0.893558	-1.11912	0.893295	1.02482	1.02482	0.654955	1.08563	1.08563	0.136778	1.34012	1.34012	0.706506	1.07154	1.07154	0.117517	0.733075	-1.36412	0.313848	0.826749	-1.20956	0.197388	0.779672	-1.28259	1.28041	0.676509	0.469646	1
cg06545166	ETNK2	0.369059	0.158384	0.542639	-1.84259	0.136251	0.505037	-1.98005	0.0427	0.777287	1.29267	0.0920428	0.628451	-1.59121	0.608296	1.64304	1.64304	0.082107	0.44058	-2.26974	0.267027	0.2976	3.3604	3.3604	0.267027	0.2976	3.3604	1.61184	0.113274	0.648029	1.28207	1.2804	3.56755	2.54916	1
cg12836610	MTCH2	0.369064	0.925536	0.983053	1.01656	0.0737518	2.9804	2.9804	0.0273	2.98204	2.98204	0.0273	2.98204	2.98204	0.0273	2.98204	2.98204	?	?	?	?	?	?	?	0.409603	0.203168	0.702351	1.42379	1.21379	0.445903	1.52157	1.52157	1.29183	3.87394	3.49859	1
cg00130817	MITF;MITF;MITF;MITF	0.369065	0.559389	1.17924	1.17924	0.791166	1.07694	1.07694	0.0142128	2.32749	2.32749	0.797355	1.07451	1.07451	0.373628	1.29056	1.29056	0.475565	1.22462	1.22462	0.281717	1.36677	1.36677	0.31016	1.34085	1.34085	0.896505	1.03702	1.03702	1.28039	1.58183	1.09816	1
cg13177458	ANXA13;ANXA13	0.369066	0.367544	0.614477	1.13265	0.0744329	1.17304	1.17304	0.3222	1.24932	1.24932	0.0464435	0.388122	2.58985	0.29987	3.33511	3.33511	0.515317	0.945264	1.05768	0.0744329	1.17304	1.17304	0.3222	1.24932	1.24932	0.0464435	0.388122	2.58985	0.29987	3.33511	1.65316	1.53102	0.649748	1.41613	1.65316	1.53102	0.649748	1.41613	1.28039	1.62125	0.567308	1
cg01263901	FAM83D	0.369067	0.410864	1.10856	1.10856	0.46883	1.16318	1.16318	0.693919	0.925788	-1.08016	0.742563	0.937763	-1.06437	0.770641	1.48267	1.48267	0.038843	1.5941	1.5941	0.611024	1.05717	1.10637	0.782507	0.94748	-1.05543	0.959794	1.00988	1.00838	1.28038	0.770733	0.53507	1
cg23201830	WDR63	0.369072	0.113716	2.17315	2.17315	0.413839	1.14954	1.14954	0.157813	1.97613	1.97613	0.58668	1.28093	1.28093	0.251129	1.71738	1.71738	0.390265	1.44744	1.44744	0.0963647	1.98313	1.98313	0.803963	1.11871	1.11871	0.840004	0.912862	-1.09546	1.28037	4.12499	2.86374	1
cg07402062	SPHE2	0.369073	0.344078	1.28984	1.28984	0.368802	0.785839	-1.27253	0.179149	1.45052	1.45052	0.259186	1.32445	1.32445	0.479965	1.11441	1.11441	0.390084	1.794537	-1.25859	0.113191	0.653384	-1.53049	0.444557	0.819222	-1.22516	0.463391	1.21521	1.21521	1.28037	1.38297	0.960216	1
cg14159925	HRNBP3	0.369082	0.902334	0.994375	-1.00566	0.289828	1.90608	1.90608	0.546281	0.698722	-1.43118	0.69186	0.791448	-1.26351	0.564853	0.70016	-1.42825	0.946562	0.961400	-1.04014	0.0258601	0.211551	-4.72699	0.521293	1.46475	1.46475	0.354759	0.571804	-1.74885	1.28035	6.99042	4.85313	1
cg14855657	SOX7	0.36908	0.385278	0.893021	-1.12005	0.0975483	1.03569	1.03569	0.00735	1.76181	1.66195	0.0415	0.270556	3.697664	0.2546	3.694655	3.694655	0.842204	1.17063	1.17063	0.275546	1.798281	-1.25269	0.0822955	0.593176	-1.68584	0.534878	1.0332	1.13231	1.13231	0.868003	1.0332	1.28035	0.550371	1
cg15129144	EPAS1	0.369091	0.568824	1.49411	1.49411	0.978802	1.0187	1.0187	0.805582	1.18761	1.18761	0.632503	0.714673	-1.39924	0.34305	0.506067	-1.97602	0.326724	0.493628	-2.02582	0.515022	1.58456	1.58456	0.794575	0.833652	-1.19954	0.0222629	0.148036	-6.75512	1.28033	9.85819	6.84422	1
cg13521670	C13orf15;C13orf15	0.369095	1.322473	1.24177	1.24177	0.662901	0.911257	-1.09739	0.403823	0.853282	-1.1972	0.745766	0.933394	-1.07136	0.530774	1.144	1.144	0.986419	0.9964	-1.00361	0.0625753	0.572393	-1.74704	0.401492	1.1669	1.1669	0.180731	1.09454	-1.05314	1.28032	0.910183	0.631954	1
cg00153306	TIMELESS	0.369095	1.409493	1.13993	1.13993	0.141524	1.73301	1.73301	0.196125	0.621611	-1.60872	0.634103	0.846392	-1.18149	0.224587	0.641663	1.55845	0.530571	1.24728	1.24728	0.342762	1.4049	1.4049	0.394293	1.3638	1.3638	0.310976	1.6944	1.6944	0.690637	1.43995	1.28032	2.45309	1.70311	1
cg25952096	MIR1260;NGB	0.369099	0.42095	0.638571	-1.566	0.0418805	3.5943	3.5943	0.661773	1.27144	1.27144	0.0951333	2.71941	2.71941	0.440567	0.651111	-1.53584	0.721888	1.21528	1.21528	0.890752	1.07785	1.07785	0.879226	1.08649	1.08649	0.90508	1.06724	1.06724	1.28031	6.03482	4.18984	1
cg06615040	SSX2IP;SSX2IP;SSX2IP;SSX2IP;SSX2IP	0.369103	0.474202	1.34917	1.34917	0.5264	1.10261	1.10261	0.0972722	1.00011	1.00011	0.328183	1.15804	1.15804	0.0959442	1.523639	-1.77751	0.192672	1.54387	1.54387	0.328183	1.15804	1.15804	0.0959442	1.523639	-1.77751	0.192672	1.54387	1.54387	0.328183	1.15804	1.15804	0.0959442	1.523639	-1.77751	1.10164	1.04662	0.759016	1.10164	1.04662	1.28031	2.06073	1.39324	1
cg09883678	SETD1B	0.369108	0.562948	1.24262	1.24262	0.231341	1.59408	1.59408	0.0812279	2.05019	2.05019	0.502329	1.28772	1.28772	0.662003	1.17491	1.17491	0.220495	0.619754	-1.61354	0.606275	1.213	1.213	0.0851453	1.02785	1.02785	0.82604	1.08519	1.08519	1.28029	2.79719	1.94206	1
cg22956254	GDF3	0.369116	0.136404	1.76994	1.76994	0.0402002	1.69787	1.69787	0.155144	1.50242	1.50242	0.0754251	0.64572	-1.54915	0.0805397	1.372405	-1.82495	0.0724705	0.539418	1.8526	0.0402002	1.69787	1.69787	0.155144	1.50242	1.50242	0.0754251	0.64572	-1.54915	0.0805397	1.372405	-1.82495	0.0724705	0.539418	1.8526	0.0402002	1.69787	1.69787	0.155144	1.50242	1.50242	1.28029	0.535016	1.68395	0.644963	0.351161	1
cg10151367	KCNQ1;KCNQ1	0.369117	0.235403	0.409265	-2.4434	0.465617	0.586578	-1.7048	0.400986	0.53924	-1.85446	0.46949	0.58939	-1.69667	0.13264	0.311698	3.20823	0.402122	0.540081	-1.85157	0.0250765	0.147407	-6.78394	0.209387	0.385544	-2.58703	0.770114	0.810166	-1.23431	1.28026	10.4652	7.26601	1
cg03130103	ZNF321	0.369131	0.868123	0.959317	-1.04239	0.888372	1.59815	1.59815	0.402919	1.22801	1.22801	0.874864	0.961395	-1.04015	0.65743	0.894498	-1.11795	0.465843	1.20369	1.20369	0.062912	0.592929	-1.68654	0.685567	1.10703	1.10703	0.568176	1.15501	1.15501	1.28023	1.2653	0.878519	1
cg10444528	MAN2B2	0.369135	0.181858	1.32975	1.16057	0.447787	1.2486	1.2486	0.265079	1.87193	1.47641	0.0744975	1.13111	1.13111	0.0802211	1.502314	1.8896	0.952976	1.07153	1.07153	0.774292	1.038205	-1.8932	0.0557557	1.15854	1.15854	0.579816	0.832459	-1.20126	1.28022	1.27093	1.51358	1
cg11479035	MIR1276;KLHL25	0.369137	0.657941	0.644158	-1.55241	0.0898566	0.33073	0.33073	0.116858	5.37364	5.37364	0.997335	1.0033	1.0033	0.135256	0.204093	4.89972	0.520044	1.90336	1.90336	0.88593	1.15221	1.15221	0.82473	0.803379	-1.24474	0.651265	0.638189	-1.56693	1.28022	19.753	13.715	1
cg00101594	MRPL28	0.369147	0.464953	1.56103	1.56103	0.268418	0.701731	-1.4261	0.0457523	1.93785	2.223417	0.153377	0.215377	2.319287	0.176487	2.581823	-1.74043	0.899405	0.998101	-1.00193	0.739174	0.931995	-1.22071	0.594766	0.894095	1.11869	0.0819119	0.7258	1.37784	1.28021	1.02198	0.720819	0.540014	1
cg14826546	LOC440173	0.369155	0.422979	0.650429	-1.53745	0.391348	0.630298	-1.58655	0.0993453	0.388971	-2.58417	0.904744	0.93902	-1.06494	0.0259992	2.249406	4.00953	0.793485	1.14784	1.14784	0.985186	1.00881	1.00881	0.929717	1.00745	1.00745	0.660328	0.792616	1.26165	1.28018	1.60015	3.88844	1
cg01712159	CBFA2T3;CBFA2T3	0.369156	0.633862	1.4258	1.4258	0.0200443	7.9597	7.9597	0.14245	3.20786	3.20786	0.731385	0.76114	-1.31382	0.751239	1.26505	1.26505	0.59612	1.48502	1.48502	0.61314	1.45778	1.45778	0.910228	0.919998	-1.08696	0.824771	0.848794	-1.17814	1.28017	11.0811	7.69415	1
cg27234786	PPYR1;ISL	0.369158	0.096143	1.82466	-1.82466	0.0158401	1.60251	1.60251	0.0130376	2.44147	2.44147	0.0130376	1.63867	1.63867	-1.51776	4.412211	4.412211	0.189866	2.44147	2.44147	0.0130376	1.63867	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg17502875	ELMO1	0.369437	0.113843	0.389028	-2.56457	0.507482	6.6203	-1.44502	0.652393	0.780275	-1.23177	0.226152	0.498674	-2.00532	0.4731199	0.670718	0.49094	0.107521	0.382265	-2.61599	0.486049	1.47332	1.47332	0.227779	1.99997	1.99997	0.629796	-1.30461	1.27949	6.07385	4.21963	1
cg06604811	CDT1	0.369437	0.592711	0.930169	-1.07507	1.175276	0.824275	-1.21319	0.352873	1.13674	1.13674	0.652267	1.0627	0.3027	0.20712	0.86787	-1.15225	0.317111	1.14872	1.14872	0.159491	0.817466	-1.23229	0.622788	1.06873	1.06873	0.233351	1.18237	1.18237	1.27949	0.364231	0.253039	1
cg03417182	SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2;TPD52L2	0.369438	0.854558	0.938322	-1.06573	0.780897	0.907791	-1.10158	0.0673515	0.491055	-2.03643	0.58143	1.2131	1.2131	0.669921	0.861773	-1.1604	0.248191	0.657821	-1.52017	0.51034	0.793206	-1.26071	0.118595	1.80002	1.80002	0.376025	0.729649	-1.37052	1.27949	2.4392	1.69457	1
cg26147335	FDS;2;?FDS2L2	0.369441	0.832312	1.03563	1.03563	0.705916	1.05399	1.05399	0.683119	1.07012	1.07012	0.227988	1.23238	1.23238	0.634129	1.41153	1.41153	0.134874	1.30494	1.30494	0.0873727	1.36564	1.36564	0.151133	1.28919	1.28919	0.763954	1.05099	1.05099	1.27948	0.552491	0.38383	1
cg07913044	DNAL1	0.369447	0.865241	0.888675	-1.12527	0.102027	3.46795	3.46795	0.56875	1.49217	1.49217	0.625568	1.40736	1.40736	0.294743	2.12778	2.12778	0.201326	0.391546	-2.55398	0.125454	0.315911	-3.16545	0.671707	1.34475	1.34475	0.718264	1.28627	1.28627	1.27946	9.78392	6.79724	1
cg09481056	ABCA3	0.369456	0.254029	0.679425	-1.474	0.805154	0.92073	-1.0861	0.194822	0.638429	-1.56634	0.230805	0.662732	-1.50961	0.784237	0.914096	-1.09398	0.260618	1.46812	1.46812	0.29767	1.42379	1.42379	0.340944	1.49443	1.49443	0.366949	0.738365	-1.35494	1.27944	2.17026	1.50778	1
cg11820026	FXYD2;FXYD2;FXYD2	0.369459	0.0669665	0.197207	-5.07083	0.771538	0.794369	-1.25886	0.574113	1.56667	1.56667	0.964681	1.065597	1.065597	0.741754	1.31843	1.31843	0.311787	2.28713	2.28713	0.403268	1.96643	1.96643	0.378528	1.489531	-2.04277	0.483749	1.75534	1.75534	1.27944	2.66251	1.78998	1
cg18389810	TPPP2	0.36946	0.712841	0.885599	-1.12918	0.619932	0.848479	-1.17858	0.042922	2.15053	2.15053	0.583712	1.19946	1.19946	0.703477	0.881893	-1.13392	0.239612	1.49886	1.49886	0.138849	1.68811	1.68811	0.43784	1.29706	1.29706	0.728994	0.891982	-1.1211	1.27943	2.18872	1.52061	1
cg03169472	B3GALT4	0.369467	0.495288	0.778617	-1.28459	0.108642	2.1822	2.1822	0.493788	1.28549	1.28549	0.618603	1.108882	1.108882	0.852307	1.158844	1.158844	0.844673	1.07346	1.07346	0.829456	1.52982	1.52982	0.818389	1.81182	1.81182	0.911951	0.960813	-1.04079	1.27942	2.6465	1.83869	1
cg21142158	COG6;COG6;COG6 CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2;CAMKK2	0.369472	0.343411	0.807735	-1.23803	0.0993125	1.48474	1.48474	0.396164	1.20936	1.20936	0.353994	0.811708	-1.23197	0.895939	1.02904	1.02904	0.115985	1.45315	1.45315	0.384238	0.822692	-1.21552	0.821934	1.05055	1.05055	0.511854	1.15667	1.15667	1.27941	0.969736	0.673741	1
cg05133009	MKK2;CAMKK2;CAMKK2	0.369473	0.654747	0.596125	-1.6775	0.144928	6.04524	6.04524	0.0653688	10.7763	10.7763	0.650281	0.591811	-1.68973	0.582175	0.527998	-1.89394	0.810891	0.759191	-1.31719	0.173868	0.189612	-5.27393	0.994177	0.991647	-1.00842	0.713354	0.654388	-1.52814	1.2794	26.7655	18.5958	1
cg00076353	TBC1D20	0.369477	0.865415	0.937248	-1.06695	0.332555	1.46506	1.46506	0.647433	0.838687	-1.19234	0.318935	1.48218	1.48218	0.410348	0.730306	-1.36892	0.509329	0.774343	-1.29142	0.339181	0.685196	-1.45954	0.952454	0.977477	-1.02304	0.747901	0.884085	-1.13111	1.27939	2.95755	2.05483	1
cg01727409	SRPX;SRPX;SRPX;SRPX	0.369479	0.244439	0.4224	-2.36845	0.138354	1.82655	1.82655	0.376803	1.33249	1.33249	0.32232	1.33449	1.33449	0.259467	0.693504	-1.44195	0.0738821	0.192862	0.558204	-1.79134	0.344865	0.738821	-1.35351	0.113303	1.56054	1.56054	0.675097	1.09322	1.09322	0.925561	0.970583	-1.03031	1.27936	1.9613	1.3627	1
cg06657142	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.369492	0.972046	1.00606	1.00606	0.816253	1.04096	1.04096	0.921664	0.983178	-1.01711	0.174677	0.779571	-1.28276	0.802174	1.04425	1.04425	0.281607	0.824476	-1.21289	0.0427285	0.668755	-1.49532	0.264504	1.22213	1.22213	0.583266	0.90386	-1.10028	1.27936	0.602793	0.418817	1
cg04822177	SPTBN2	0.369493	0.79555	1.19364	1.17639	0.415136	1.91651	1.91651	0.0470953	4.34446	4.34446	0.48055	1.038514	1.038514	0.488565	1.21616	1.21616	0.189965	0.419559	-2.38154	0.0966	0.424449	0.602298	-1.66004	0.750345	1.22105	1.22105	0.663254	0.782626	-1.30971	0.663807	0.761963	1.31314	1.27936	3.93661	5.55014	1
cg18110058	RPL32P3;SNORA78	0.369496	0.576529	0.928173	-1.07739	0.18927	0.832171	-1.20168	0.406436	0.893864	-1.11874	0.127213	0.801758	-1.24726	0.578963	0.928624	-1.07686	0.59785	1.07286	1.07286	0.217045	1.18719	1.18719	0.123072	0.801955	-1.24695	0.41857	0.895071	-1.11723	1.27935	0.353642	0.24571	1
cg08165532	CDV3;CDV3;CDV3	0.369498	0.971121	1.02923	-1.03493	0.0154374	0.602652	1.66373	0.0114235	2.17726	2.17726	0.104846	0.764922	1.30756	0.0872571	0.725933	-1.37818	0.444356	0.878521	-1.13828	0.0703594	0.83721	-1.19444	0.618	0.885189	-1.1297	0.594012	0.914958	-1.09295	1.27934	0.765696	0.380099	1
cg04395875	CUX2	0.369504	0.332544	1.71196	1.71196	0.980097	1.01351	1.01351	0.0673731	0.33207	-3.01141	0.669379	0.79372	-1.25989	0.388131	0.6214332	1.60919	0.35461	1.55918	-1.66805	0.273343	1.84619	1.84619	0.17238	0.457871	-2.18402	0.736776	0.834067	-1.19895	1.27933	1.86113	4.07237	1
cg22798468	DNAH14;DNAH14;DNAH14	0.369505	0.611495	1.03836	1.03836	0.829946	0.957574	-1.04431	0.0770035	0.673731	-1.48427	0.857837	1.03667	1.03667	0.2367	0.779541	-1.28274	0.735362	1.07051	1.07051	0.249559	1.27354	1.27354	0.175166	0.748575	-1.33587	0.468082	1.15984	1.15984	1.27933	0.817289	0.567861	1
cg03562736	CSMD1;CSMD1;CSMD1	0.369506	0.543286	0.878285	-1.13858	0.946809	1.01367	1.01367	0.498633	1.15592	1.15592	0.633802	1.10553	1.10553	0.917899	1.02199	1.02199	0.201256	1.32936	1.32936	0.0194068	1.81521	1.81521	0.530391	1.14347	1.14347	0.425325	1.18736	1.18736	1.27932	0.901554	0.62641	1
cg16727879	LPIN1	0.369511	0.932723	0.941171	-1.06251	0.111049	1.47857	1.47857	0.0261494	0.655138	0.655138	0.922464	1.07241	1.07241	0.97318	1.02444	1.02444	0.963567	1.03334	1.03334	0.666089	0.732603	-1.365	0.741797	0.788659	-1.26798	0.769017	0.809403	-1.23548	1.27931	10.4479	7.25938	1
cg26585657	NDEL1;NDEL1;NDEL1;NDEL1	0.369511	0.0679004	0.429527	-2.32911	0.604023	0.904302	-1.10544	0.152655	0.395354	0.545558	-1.83198	0.630838	0.817343	-1.58015	0.673248	1.48538	0.640589	1.19044	1.19044	0.628387	1.41026	1.41026	0.555678	1.51905	1.51905	0.752488	1.24813	1.24813	1.3087	9.94936	5.91304	1
cg08120141	SCAMP2	0.369524	0.043195	0.481833	-2.07541	0.921157	0.9694	-1.03157	0.681544	1.13829	1.13829	0.0781168	0.540931	-1.84866	0.422374	0.671822	1.48849	0.778337	0.915222	-1.09263	0.80004	0.923415	-1.08294	0.677796	1.14015	1.14015	0.975455	0.990038	-1.01006	1.27928	1.99662	1.38732	1
cg00298796	CKR1;CKR1	0.369533	0.600833	1.07236	1.07236	0.796609	1.03477	1.03477	0.152959	0.816635	-1.22454	0.123944	0.802143	-1.24656	0.562769	1.08052	1.08052	0.291142	0.865045	-1.15601	0.736001	1.0458	1.0458	0.868696	1.02214	1.02214	0.133316	1.23901	1.23901	1.27926	0.354872	0.246581	1
cg03943317	ENOX1;ENOX1	0.369533	0.7936064	1.1768	1.1768	0.7139	1.16351	1.16351	0.0470952	3.32633	3.32633	0.43446	1.43444	1.43444	0.48055	1.038514	1.038514	0.84673	1.16522	1.16522	0.189963	1.35022	1.35022	0.207147	1.16522	1.16522	0.189963	1.35022	1.35022	1.27926	1.79361	5.55014	1
cg24157814	DCT;DCT	0.369542	0.257834	0.734178	-1.36207	0.746721	0.1885	0.1885	0.389806	0.794041	-2.25938	0.373935	0.787277	-1.2702	0.270441	1.35024	1.35024	0.608935	1.14457	1.14457	0.0623451	1.73202	1.73202	0.463717	1.21553	1.21553	0.664683	0.892142	-1.1209	1.27924	1.38752	0.964128	1
cg01157261	MOSPD1;MOSPD3;MOSPD3;MOSPD3	0.369544	0.706384	0.914167	-1.09373	0.0154374	0.602652	1.66373	0.0114235	2.17726	2.17726	0.104846	0.764922	1.30756	0.0872571	0.725933	-1.37818	0.444356	0.878521	-1.13828	0.0703594	0.83721	-1.19444	0.618	0.885189	-1.1297	0.594012	0.914958	-1.09295	1.27934	0.765696	0.380099	1
cg03448301	CHRM1	0.369545	0.0751686	0.218143	-4.58415	0.0769673	0.220633	-4.53241	0.122146	0.275976	-3.6235	0.402824	0.517938	-1.93073	0.272374	0.415648	2.40588	0.221982	0.372937	-2.68142	0.309073	0.445335	-2.2455	0.961531	0.963615	-1.03776	0.29792	0.436414	2.2914	1.27923	1.96336	8.31303	1
cg04604143	NUP62;NUP62 PCDHA6;PCDHA2;PCDHA1;PCDHA9;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDHA7;PCDHA1;PCDHA6;PCDHA5;PCDH	0.369549	0.0474404	0.697605	-1.43348	0.416561	1.14093	1.14093	0.574728	1.0942	1.0942	0.362716	0.861953	-1.16016	0.943368	1.01135	1.01135	0.606989	0.920112	-1.08588	0.0949977	0.750729	-1.33204	0.528758	0.903627	-1.10665	0.984309	0.996882	-1.00313	1.27922	0.510884	0.354997	1
cg15827318	A10;PCDHA3;PCDHA4;PCDHA14;P	0.369549	0.0945109	0.248255	-4.02811	0.358739	0.48899	-2.04503	0.12828	0.287567	-3.47744	0.731084	0.769868	-1.29892	0.494415	0.590954	-1.69218	0.866614	1.13591	-1.13591	0.423867	0.538379	-1.85743	0.513318	1.65293	1.65293	0.0690226	0.213864	-4.67588	1.27922	11.6432	8.09048	1
cg02917246	GSC2	0.369555	0.463819	0.7581	-1.31895	0.281125	0.659744	-1.51574	0.28139	1.51537	1.51537	0.0421992	2.38434	2.38434	0.540448	0.794561	-1.25856	0.593467	0.818691	-1.22146	0.493505	0.772458	-1.29457	0.889851	0.940854	-1.06279	0.852902	0.933408	-1.07134	1.27922	2.79269	1.94056	1
cg23979677	TMEM229B	0.369561	0.155486	1.47892	1.47892	0.243448	1.3692	1.3692	0.167443	1.46061	1.46061	0.511894	1.18681	1.18681	0.407686	1.24365	1.24365	0.0735451	1.67138	1.67138	0.529585	0.848773	-1.17817	0.897663	0.967414	-1.03368	0.523923	0.846804	-1.18091	1.27921	1.34294	0.933171	1
cg08549554	CSorf21	0.369564	0.422262	0.706562	-1.41552	0.112511	1.38303	1.38303	0.0423551	0.723166	0.723166	0.768093	1.302067	1.302067	0.361611	2.765307	2.765307	0.109184	0.738846	-1.35396	0.728272	0.944422	1.05855	1.05855	0.944422	1.05855	0.944422	1.05855	0.944422	-1.2312	1.27919	1.80443	1.24312	1
cg11227541	GNG5;SPATA1	0.369566	0.520106	1.15006	1.15006	0.543161	1.14109	1.14109	0.0423551	1.65101	1.65101	0.204203	0.758512	-1.31837	0.248365	1.29533	1.29533	0.423874	0.83933	-1.19143	0.943902	1.01521	1.01521	0.974605	0.993197	-1.00685	0.850461	0.960335	-1.0413	1.27918	0.931635	0.647385	1
cg16969368	DHX40;DHX40	0.369573	0.114244	0.6174	-1.61975	0.0769673	0.220633	-4.53241	0.122146	0.275976	-3.6235	0.402824	0.517938	-1.93073	0.272374	0.415648	2.40588	0.221982	0.372937	-2.68142	0.309073	0.445335	-2.2455	0.961531	0.963615	-1.03776	0.29792	0.436414	2.2914	1.27923	1.96336	8.31303	1
cg11809123	MBD3	0.369582	0.957056	1.00987	1.00987	0.210311	1.2725	1.2725	0.250736	1.24475	1.24475	0.520329	1.12623	1.12623	0.261006	1.23844	1.23844	0.590742	1.10411	1.10411	0.0262677	1.61746	1.61746	0.270886	1.23259	1.23259	0.200162	1.28003	1.28003	1.27914	0.674206	0.468514	1
cg09732851	FAM101B	0.369585	0.888316	0.90335	-1.10699	0.268543	0.414494	2.39153	0.295646	0.457094	-2.18786	0.55073	0.754576	1.64756	0.0282398	0.515966	1.45187	0.475205	0.591403	-1.69089	0.53255	1.60177	1.60177	0.594419	0.677907	-1.47513	0.376937	0.519	1.02678	1.27913	10.6007	7.36658	1
cg02616604	SYT15;SYT15	0.369592	0.28953	0.70767	-2.03769	0.240548	0.24146	2.04146	0.0118264	1.23188	1.23188	0.0197397	1.38956	1.38956	0.0656859	1.45776	1.45776	0.402355	0.21393	0.21393	0.130779	4.48245	0.265459	0.0547652	4.48344	0.64844	0.136863	4.27137	4.27137	1.27912	1.96126	1.35373	1
cg00058938	TTC9B	0.369595	0.0845012	0.375077	-2.66612	0.749001	1.17935	1.17935	0.119858	2.38018	2.38018	0.775214	1.15851	1.15851	0.227352	0.521385	-1.91797	0.840676	0.901733	-1.10898	0.816934	0.889294	-1.12449	0.213447	0.510044	-1.96061	0.705495	0.822746	-1.21544	1.27911	5.34991	3.71781	1
cg10702113	NCBP2;NCBP2	0.369599	0.765317	1.07903	1.07903	0.577748	1.07748	1.07748	0.0178481	0.994538	1.00549	0.687233	1.10232	1.10232	0.505919	0.853538	-1.17206	0.876567	0.962796	-1.03881	0.757674	1.14536	1.14536	0.201975	1.18747	1.18747	0.897175	0.969361	-1.03161	1.2791	1.17353	0.815524	1
cg12297010	PRKCZ;PRKCZ;PRKCZ	0.369599	0.714105	0.795422	-1.25719	0.0410977	0.33224	4.33224	0.440558	1.63112	1.63112	0.980187	0.984671	-1.01557	0.142627	0.375205	2.66521	0.47155	0.643089	-1.55507	0.644409	0.748931	-1.33524	0.997708	1.00179	1.00179	0.656633	0.757045	-1.32093	1.2791	1.839	5.44759	1
cg07166424	TMEM63A	0.369601	0.908469	1.09845	1.09845	0.00004	0.42808	2.33626	0.0115586	0.616928	1.09448	1.09448	0.596506	0.908779	-1.10038	0.513727	1.11977	1.11977	0.0846094	1.75725	0.147091	0.864449	1.15686	0.416322	1.16035	1.16035	0.0716677	1.43339	1.43339	1.27909	0.44024	0.451181	1
cg15388840	PPP1R2P3	0.369604	0.679915	1.28279	1.28279	0.445439	0.637584	-1.56842	0.16277	0.572133	-1.74785	0.121582	0.365333	-2.73873	0.899227	0.504657	-1.08148	0.463629	1.56486	1.56486	0.360211	0.339214	-2.94799	0.422497	0.615513	-1.62529	0.0940657	1.331189	-3.01942	1.27909	7.29982	6.07204	1
cg01324452	C10orf6;C10orf6	0.369609	0.16606	0.747853	-1.33716	0.719517	0.931518	-1.07352	0.0442709	0.63473	-1.57547	0.560421	0.891607	-1.12157	0.526617	0.881433	-1.13452	0.468299	0.864878	-1.15623	0.181375	1.32197	1.32197	0.506608	0.875852	-1.14175	0.668077	0.918641	-1.08856	1.27907	0.783978	0.544824	1
cg23683012	TBC1D28;TBC1D28	0.369611	0.2656588	0.6004	-1.66577	0.275375	0.27375	3.72375	0.0218103	1.75203	1.75203	0.243067	1.25203	1.25203	0.0485136	1.64796	1.64796	0.0655324	0.65582	-1.52483	0.421686	0.558805	-1.78953	0.615013	0.978506	-1.01554	0.357594	0.762063	-1.31284	0.70769	0.38484	0.2706	1
cg06777844	SRRT	0.369611	0.864644	0.911131	-1.09754	0.103734	2.63933	2.63933	0.36017	3.12921	3.12921	0.34948	0.591339	-1.69108	0.793357	0.866576	-1.15397	0.558253	0.724004	-1.38121	0.881165	1.08502	1.08502	0.951979	1.0334	1.0334	0.364964	0.601827	-1.66161	1.27907	0.6278	4.18902	1
cg10966160	PEBP4	0.369619	0.880609	0.938522	-1.06551	0.159982	0.561187	-1.78194	0.89313	0.943877	-1.05946	0.538957	0.768894	-1.30057	0.0352178	0.554775	-1.80268	0.480247	0.784818	-1.27434	0.0983463	0.788875	-1.26602	0.111199	0.480432	-2.08146	0.539201	1.30296	1.30296	1.27905	3.61569	2.51376	1
cg19060382	LOC153724;HSP90B1	0.369625	0.358488	0.856788	-1.16715	0.222787	0.81082	-1.23332	0.110085	1.32987	1.32987	0.0963063	1.3484	1.3484	0.549789	0.905692	1.10413	0.882243	0.976029	-1.02456	0.742953	0.924524	0.910855	-1.09787	0.907939	0.981242	-1.01912	1.27904	0.542797	0.377225	1
cg19738802	PTPRN2;PTPRN2;PTPRN2	0.369629	0.771298	0.847531	-1.1799	0.825583	1.13345	1.13345	0.182858	0.448316	-2.23057	0.382645	1.66222	1.66222	0.369572	0.592731	-1.68711	0.581071	0.728813	-1.37209	0.0715406	0.31914	-3.13342	0.790299	1.16331	1.16331	0.0987893	0.357963	-2.79358	1.27904	6.52564	4.5351	1
cg12371643	CRY1	0.369637	0.280405	0.6402	-1.56182	0.0410977	0.33224	4.33224	0.440558	1.63112	1.63112	0.980187	0.984671	-1.01557	0.142627	0.375205	2.66521	0.47155	0.643089	-1.55507	0.644409	0.748931	-1.33524	0.997708	1.00179	1.00179	0.656633	0.757045	-1.32093	1.2791	1.17353	0.815524	1
cg16396153	AHNAK2	0.369633	0.255064	0.639701	-1.56323	0.75115	1.12706	1.12706	0.553442	0.798204	-1.25228	0.511564	0.778562	-1.28442	0.295178	0.664873	-1.50405	0.798808	0.908438	-1.10079	0.0299245	0.385272	-2.61264	0.852164	0.932264	-1.07266	0.103725	0.512251	-1.95217	1.27902	2.86335	1.98997	1
cg09656541	C10orf118	0.369638	0.2872842	0.6284	-1.59123	0.445335	0.42555	2.35055	0.0160202	0.949884	1.05874	0.958744	1.044303	1.044303	0.380241	0.542871	-1.84218	0.964226	0.94049	-1.06302	0.394284	0.357443	-2.79743	0.314744	0.912073	1.09643	0.359543	1.514615	-2.08403	1.27902	2.62405	1.81345	1
cg13378934	MEIS3;MEIS3	0.369639	0.123715	0.298297	-3.35236	0.355924	0.502099	-1.99164	0.233263	0.403818	-2.47636	?	?	?	0.12271	0.297172	3.36506	0.731799	1.28353	1.28353	0.356892	0.502835	-1.98872	0.438911	1.77323	1.77323	0.586174	1.49008	1.49008	1.27516	0.450459	0.74109	1
cg18156601	AR	0.369646	0.210795	0.227725	-4.39898	0.530511	0.480757	-2.04183	0.883301	0.847881	-1.17941	0.240833	3.97311	3.97311	0.347141	2.96721	2.96721	0.321547	0.316452	-3.16004	0.874191	0.892832	-1.19485	0.819694	1.29241	1.29241	0.0708985	0.6515	0.6515	1.27898	25.5682	17.7698	1
cg05969983	C1orf113;C1orf113	0.369646	0.400948	0.727552	-1.37459	0.0410977	0.33224	2.01242	0.209117	1.21159	1.21159	0.712151	1.25462	1.25462	0.648602	1.15876	1.15876	0.624024	0.971095	-1.02981	0.931392	0.978614	-1.74333	0.887681	0.994439	-1.00557	0.761836	1.12214	1.12214	1.27898	0.1428	0.6394	1
cg05794813	C7orf50;C7orf50;C7orf50	0.369654	0.748171	0.910743	-1.098	0.0527811	1.89453	1.89453	0.0944507	1.70501	1.70501	0.489183	0.815525	-1.2262	0.785949	0.924031	-1.08221	0.866766	0.952433	-1.04994	0.218389	1.45611	1.45611	0.616136	1.15802	1.15802	0.821212	1.0679	1.0679	1.27897	1.70645	1.186	1
cg06802231	C14orf165	0.369658	0.828663	1.20533	1.20533	0.259593	0.585684	2.70741	0.95372	1.02675	1.02675	0.0601037	2.62402	2.62402	0.88777	0.533797	-1.87359	0.480247	0.784818	-1.27434	0.0983463	0.788875	-1.26602	0.111199	0.480432	-2.08146	0.539201	1.30296	1.30296	1.27895	3.61569	2.51376	1
cg22817421	FLJ45244;DICER1	0.369661	0.31116	0.92863	3.92863	?	?	?	0.300733	3.94564	3.94564	0.859658	1.25998	1.25998	0.375944	3.27567	3.27567	0.588825	0.03934	0.03934	?	?	?	0.0653733	0.0671371	-14.89449	0.711742	1.62362	1.62362	1.26989	26.6733	24.0051	1
cg26349299	SAV1	0.369665	0.7164	0.870697	-1.14851	0.25744	1.56602	1.56602	0.953205	0.977974	-1.02252	0.0902572	2.031	2.031	0.645453	1.19223	1.19223	0.518107	0.728813	-1.37209	0.0715406	0.31914	-3.13342	0.790299	1.16331	1.16331	0.0987893	0.357963	-2.79358	1.27904	6.52564	4.5351	1
cg05454424	PPP1R2P9	0.369669	0.257145	0.627427	-1.59423	0.0410977	0.33224	4.33224	0.440558	1.63112	1.63112	0.980187	0.984671	-1.01557	0.142627	0.375205	2.66521	0.47155	0.643089	-1.55507	0.644409	0.748931	-1.33524	0.997708	1.00179	1.00179	0.656633	0.757045	-1.32093	1.2791	1.17353	0.815524	1
cg09539028	ZNF518A	0.369673	0.517423	0.87208	-1.14668	0.153962	1.37481	1.37481	0.155844	0.728572	-1.37255	0.497265	0.866124	-1.15457	0.389701	0.832077	-1.20181	0.181832	0.744111	-1.34389	0.16978	0.73713	-1.35663	0.761635	0.938522	-1.0655	0.220115	0.764227	-1.30851	1.27892	0.881003	0.612324	1
cg12893143	UNC5A	0.369676	0.205283	0.802729	-1.24586	0.0386	1.051	1.051	0.165054	1.16094	1.16094	0.459914	0.921586	-1.08509	0.491189	0.71516	-1.39814	0.074197	2.72907	2.72907	0.0842443	0.926603	-1.07579	0.0844307	0.994439	-1.00557

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1112 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00645508	C21orf91;C21orf91;C21orf91	0.369957	0.568025	0.902874	-1.10757	0.410781	1.16098	1.16098	0.976035	1.00467	1.00467	0.276626	0.818081	-1.2224	0.289445	0.822722	-1.21548	0.824566	0.804448	-1.24309	0.352698	0.843905	-1.18497	0.115864	0.738178	-1.35432	0.187533	1.2813	1.2813	1.27823	0.637585	0.443379	1
cg08646805	C7orf10	0.369971	0.545897	1.55822	1.55822	0.396419	0.532474	-1.87803	0.119276	0.293212	-3.4105	0.282394	0.444574	-2.24934	0.773202	0.810289	-1.23331	0.967326	1.03017	1.03017	0.0822314	0.24729	-4.04383	0.152356	0.612968	-1.63141	0.0843797	0.250206	-3.0967	1.2782	10.6614	7.41421	1
cg12087108	SRBD1;SRED1	0.369974	0.40539	2.93575	2.93575	0.664045	1.73824	1.73824	0.880685	1.20928	1.20928	0.493899	2.4083	2.4083	0.501517	2.3703	2.3703	0.0206527	0.0294231	-33.9869	0.880323	0.826461	-1.20998	0.853751	0.791799	-1.26295	0.895868	1.18017	1.18017	1.27819	32.4006	22.5322	1
cg01768179	ARL4A;ARL4A;ARL4A;ARL4A	0.369974	0.307282	1.04847	1.04847	0.202091	1.18417	1.18417	0.406746	1.13236	1.11236	0.130616	1.22731	1.22731	0.106292	1.24769	1.24769	0.329356	1.13462	1.13462	0.30208	0.87447	-1.14355	0.617775	0.937801	-1.06632	0.64944	0.944202	-1.0591	1.27819	0.318673	0.221614	1
cg14966074	LOC100127888;SLCO4A1	0.369981	0.261389	0.453858	-2.20333	0.0319767	0.183613	-5.44625	0.0820014	0.272663	-3.66754	0.63815	0.726518	-1.37643	0.927262	0.532083	-1.87941	0.470841	0.609713	-1.64012	0.350221	0.522813	-1.91273	0.351536	0.523792	-1.90915	0.968011	1.02742	1.02742	1.27817	9.20888	6.40422	1
cg16008931	TPO52;TPO52	0.369988	?	?	?	0.42896	3.14641	3.14641	?	?	?	0.165127	12.9743	26.9592	5.3006	5.3006													1.22947	11.7941	1
cg14357481	C9orf102	0.369993	0.196901	0.428025	-2.33631	0.0410895	0.230847	-4.33188	0.0826712	0.302573	-3.30498	0.348503	0.548628	-1.82273	0.503901	0.655821	-1.52481	0.375918	0.568245	-1.7598	0.943522	1.04505	1.04505	0.396252	0.582543	-1.71661	0.905763	1.07644	1.07644	1.27815	7.83147	5.44641	1
cg24863255	TMEM212	0.369993	0.958247	0.967853	-1.03321	0.778934	0.838924	1.192	0.327796	0.453791	-2.20366	0.957889	1.04315	1.04315	0.176852	0.608223	-2.44964	0.473838	1.57539	1.57539	0.0573534	0.82571	1.83575	0.477092	1.57017	1.57017	0.538366	1.47522	1.47522	1.27815	7.88492	5.48359	1
cg23614605	PSMA6	0.369995	0.592857	0.834071	-1.19894	0.772048	1.10257	1.10257	0.949868	1.23086	1.02507	0.548467	-1.82326	0.441652	1.3018	1.3018	0.953075	1.02084	1.02084	0.48689	1.26797	1.26797	0.70353	0.879384	-1.13736	0.898149	1.04399	1.04399	1.27814	2.28759	1.59091	1
cg20450537	TRIM62	0.369998	0.855887	1.08741	1.08741	0.0690549	2.55421	2.55421	0.281621	1.67497	1.67497	0.973437	1.01547	1.01547	0.54966	1.32185	1.32185	0.63911	0.804351	-1.24324	0.86694	1.08036	1.08036	0.57021	0.767602	-1.30276	0.0920359	0.425326	-2.35114	1.27813	4.30123	2.99132	1
cg09423651	NCK1	0.370003	0.418667	1.23102	1.23102	0.318472	1.01437	1.01437	0.938712	1.11287	1.08544	0.440951	1.3810311	1.22459	0.3139	1.38462	1.38462	0.475635	0.605419	-1.6518	0.24432	0.878782	0.88728	-1.12693	0.975597	1.02553	1.02553	1.02553	0.845314	-1.18314	0.840334	-1.19	1.27812	12.5072	8.6983	1
cg00419759	PHTF1	0.370003	0.693295	0.968535	-1.03249	0.337809	1.08296	1.08296	0.10676	1.15262	1.15262	0.121256	0.873273	-1.14512	0.736218	1.02765	1.02765	0.85038	1.05135	1.05135	0.371891	0.928723	-1.07675	0.625338	1.04049	1.04049	0.249895	0.90757	-1.10184	1.27812	0.131686	0.091583	1
cg00055326	SOX11	0.370013	0.412439	1.48846	1.48846	0.183504	1.9155	1.9155	0.287859	1.66835	1.66835	0.886427	0.594418	-1.07019	0.58615	1.29813	1.29813	0.0916944	2.4125	2.41405	0.0633255	1.69441	2.69441	0.237158	1.8254	1.8254	0.691853	0.828368	-1.20719	1.2781	4.56029	3.17157	1
cg15339249	DTHD1	0.370012	0.142204	2.20894	2.20894	0.980433	0.987757	-1.0124	0.431742	1.394	1.394	0.945583	1.62893	1.62893	0.067015	2.80448	2.80448	0.351992	0.970211	-1.0307	0.169672	1.97836	1.97836	0.0984654	2.48483	2.48483	0.756446	0.805329	-1.16914	1.2781	5.1071	3.55187	1
cg06178322	PLEKHM2	0.370012	0.686641	0.836498	-1.19546	0.756326	1.14686	1.14686	0.372463	0.66826	-1.49642	0.0523831	0.378637	-2.64106	0.133201	0.490119	-2.04032	0.688003	0.837191	-1.19447	0.33633	0.646358	-1.54713	0.696168	0.841343	-1.18858	0.0742858	0.416655	-2.40007	1.2781	3.9227	2.72815	1
cg07452625	SPG7;SPG7	0.370015	0.799441	1.12574	1.12574	0.838925	1.08196	1.08196	0.373945	1.38639	1.38639	0.07897	0.49791	-2.0084	0.452822	1.33444	1.33444	0.601099	0.828129	-1.20754	0.870795	1.05992	1.05992	0.882248	1.99021	1.99021	0.402392	1.35848	1.35848	1.27809	2.58705	1.79924	1
cg16438358	TCERG1;TCERG1;TCERG1;TCERG1	0.37002	0.0689062	4.64444	4.64444	2.69919	2.3789	2.3789	?	?	?	0.428402	1.84025	1.84025	?	?		0.4606606	1.76242	1.76242	0.762445	0.79557	-1.25696	0.274066	2.35979	2.35979	0.380336	0.507199	-1.97361	1.26898	8.89573	8.01158	1
cg14044799	ARHGAP10	0.370023	0.132193	0.629328	-1.589	0.458466	1.24207	1.24207	0.0667242	0.556589	-1.79666	0.966204	1.01215	1.01215	0.987948	1.00431	1.00431	0.981033	1.0068	1.0068	0.171497	1.51427	1.51427	0.975151	1.04432	1.04432	0.572398	0.849865	-1.17666	1.27807	1.64441	1.14367	1
cg12942165	DENND5A	0.370027	0.0966672	-1.75666	-1.75666	0.0193	0.559605	1.08581	1.08581	0.125866	1.28817	1.28817	2.02579	2.02579	0.214468	0.626057	0.07797	1.07797	0.867681	0.704068	-1.02662	0.484994	1.13459	1.13459	0.542007	0.909941	-1.09897	0.30397	1.17677	1.17677	1.27806	0.473174	0.329091	1
cg02083536	PANK4	0.37003	0.183441	0.466956	-2.23736	0.227929	0.485724	-2.05878	0.530502	0.659506	-1.43698	0.0890566	0.34301	-2.91537	0.074447	0.321747	-3.10803	0.231713	0.488847	-2.04563	0.120288	0.382311	-2.61567	0.771948	0.847204	-1.18035	0.338756	0.569771	-1.75528	1.27806	6.58976	4.58318	1
cg09441208	PTCH2;PTCH2	0.370033	0.865636	0.869535	-1.15063	0.339202	1.24364	1.24364	0.525661	1.7457	1.7457	0.761388	0.768081	-1.30155	0.191962	0.722447	-1.38401	0.395948	0.740875	-1.22371	0.0965856	0.788864	-1.02857	0.908453	0.936996	-1.15461	0.32605	0.416527	-2.40312	1.2805	15.1932	10.5569	1
cg25888881	2NF438;ZNF438;ZNF438;ZNF438;ZNF43	0.370034	0.353189	0.646743	-1.54621	0.571793	1.29778	1.29778	0.388731	0.668323	-1.49628	0.340442	0.638788	-1.56547	0.930885	0.961199	-1.04037	0.319623	1.59869	1.59869	0.378169	1.51058	1.51058	0.86152	1.08291	1.08291	0.486866	1.354214	-2.82315	1.27805	4.21263	2.92991	1
cg06226701	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.370035	0.895422	1.07308	1.07308	0.115368	2.50445	2.50445	0.890574	1.07662	1.07662	0.520256	1.41842	1.41842	0.0567362	0.314547	-3.17918	0.972121	1.01892	1.01892	0.467811	1.48619	1.48619	0.244947	1.91997	1.91997	0.983134	1.0114	1.0114	1.27804	5.82231	4.04946	1
cg23088157	MTHFR	0.37004	0.424535	1.34307	1.34307	0.131898	1.80065	1.80065	0.0433606	2.31716	2.31716	0.551011	0.803987	-1.2438	0.678639	1.16263	1.16263	0.682351	1.16047	1.16047	0.122333	1.83232	1.83232	0.401544	1.36414	1.36414	0.452833	1.31863	1.31863	1.27803	2.6476	1.84144	1
cg09462808	SYNPR	0.370043	0.342549	0.768023	-1.30204	0.677238	0.893177	-1.11961	0.820457	0.940488	-1.06328	0.158483	0.66573	-1.50211	0.642067	0.570461	-1.75297	0.622629	1.14165	1.14165	0.880114	0.60276	-1.65904	0.170085	0.990134	-1.01096	0.21856	0.705192	-1.41805	1.2803	1.74454	1.02556	1
cg14871712	INVS;ERP44;INVS	0.37005	0.16998	1.13004	1.13004	0.386347	1.0771	1.0771	0.700633	1.03284	1.03284	0.902594	0.989812	-1.01029	0.992998	1.00073	1.00073	0.722204	0.970585	-1.03031	0.0360605	0.815526	-1.2262	0.859682	1.01491	1.01491	0.460711	1.06483	1.06483	1.27801	0.141594	0.0984823	1
cg25976912	ADCY5	0.370056	0.591374	0.88043	-1.15895	0.458466	1.2407	1.2407	0.0667242	0.556589	-1.79666	0.966204	1.01215	1.01215	0.987948	1.00431	1.00431	0.981033	1.0068	1.0068	0.171497	1.51427	1.51427	0.975151	1.04432	1.04432	0.572398	0.849865	-1.17666	1.27807	1.64441	1.14367	1
cg02098619	RERE;RERE	0.370066	0.109444	0.452298	-2.3513	0.233656	1.84354	-1.84354	0.711198	1.19983	1.19983	0.529142	0.731858	-1.36639	0.29997	0.590851	-1.69247	0.554461	1.34031	1.34031	0.83163	1.10746	1.10746	0.109476	2.35108	2.35108	0.074442	1.98428	1.98428	-1.01582	1.27797	1.85727	3.37846	1
cg23415756	NTN1	0.370066	0.940243	0.938304	-1.06575	0.517715	0.571331	-1.7503	0.436335	0.506951	-1.97258	0.271044	0.372482	-2.68469	0.758562	0.769398	-1.29972	0.73985	0.75322	-1.32763	0.0518285	0.718614	1.78614	0.331049	2.36673	2.36673	0.400918	0.478828	-2.08843	1.34721	14.6592	7.2541	1
cg01262865	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.370071	0.8189	0.956751	-1.0452	0.545221	1.25128	1.25128	0.500037	0.83726	-1.14108	0.415293	1.17412	1.17412	0.9791	0.994963	-1.00506	0.471998	1.15147	1.15147	0.0514482	1.53336	1.53336	0.235825	1.27061	1.27061	0.088061	1.43747	1.43747	1.27796	0.752224	0.523213	1
cg13882712	ZNF513	0.370073	0.4003447	1.65319	1.65319	0.0854	1.16562	1.16562	0.245357	0.782565	1.28453	1.28453	1.28453	?	?	?	0.542945	0.608504	1.41163	1.41163	0.288	1.01288	1.01288	0.945704	-1.29192	0.0732992	0.305856	-3.26951	1.30291	1.07389	0.673388	0.47907	1
cg11598964	SCN2B	0.37079	0.169244	0.65553	-1.52548	0.198319	1.47999	1.47999	0.425005	0.790623	-1.26483	0.758021	1.0932	1.0932	0.302899	0.735106	-1.36035	0.140241	0.632818	-1.58023	0.579611	1.1751	1.1751	0.686888	1.12395	1.12395	0.347299	1.32189	1.32189	1.27791	1.68304	1.17069	1
cg13035851	CUTA;CUTA;CUTA;CUTA	0.37079	0.95167	0.973127	-1.02761	0.510437	1.3499	1.3499	0.930828	1.03979	1.03979	0.565085	1.29871	1.29871	0.718651	0.849939	-1.17655	0.692242	1.19577	1.19577	0.275542	0.600618	-1.66495	0.0214459	0.287689	-3.47597	0.683458	0.830491	-1.20411	1.27791	4.08789	2.84345	1
cg14443290	CTNNAL1	0.370096	0.479613	1.30203	1.30204	0.677238	1.78896	1.78896	0.610976	1.23808	1.23808	0.99396	0.812152	1.23107	0.0824067	0.570461	-1.75297	0.482574	1.34446	1.34446	0.375101	0.788258	-1.26701	0.271381	0.619729	-1.61361	0.627443	0.815161	-1.22675	1.2779	3.50444	2.45823	1
cg11748059	DOCK9;DOCK9;DOCK9;DOCK9	0.3701	0.886022	1.06789	1.06789	0.112967	0.45383	-2.20347	0.701115	0.883106	-1.19317	0.803041	1.12125	1.12125	0.682267	1.20743	1.20743	0.342922	1.56433	1.56433	0.365996	0.633553	-1.5301	0.071879	2.50975	2.50975	0.489933	0.725298	-1.37874	1.2789	4.23446	2.95242	1
cg26457809	KCND1;DK	0.370101	0.809551	1.833382	-1.19996	0.849161	1.15457	1.15457	0.0961005	1.97354	1.97354	0.60855	1.48965	1.48965	0.181732	0.942911	-2.12054	0.136624	2.0099	2.0099	0.185524	0.442381	-2.2559	0.995577	0.995824	-1.00419	0.558607	1.56284	1.56284	1.27788	11.5359	8.02429	1
cg04134217	PP19PA	0.370102	0.516127	1.10058	1.10058	0.995988	1.00073	1.00073	0.686759	1.06079	1.06079	0.644217	0.989865	-1.01024	0.215863	0.829411	-1.20713	0.96544	0.993113	-1.00633	0.684838	0.943089	-1.06035	0.0944533	1.30683	1.30683	0.0605199	1.31684	1.31684	1.27788	0.0387	0.25832	1
cg17240135	FBLN7;FBLN7 LOC339524;LOC339524;LOC339524;LO	0.370107	0.8154451	1.140654	1.140654	0.402586	1.61911	1.61911	0.574548	1.14036	1.14036	0.211876	0.09591	2.09591	0.0158063	0.244281	-2.5209	0.289414	1.07451	1.07451	0.523939	0.695303	-1.43822	0.0812188	0.792626	2.96726	0.628999	0.760382	-1.31513	1.27787	6.40787	4.45732	1
cg09365624	C339524;LOC339524	0.370107	0.299843	0.872644	-1.14594	0.205689	1.18444	1.18444	0.0664913	1.29813	1.29813	0.907236	0.101485	1.0149	0.892389	1.02865	1.02865	0.972726	1.00434	1.00434	0.38287	0.89273	-1.12016	0.295186	1.14757	1.14757	0.251868	1.16389	1.16389	1.27787	0.325355	0.226318	1
cg09354331	ZMIZ1	0.370107	0.180583	0.562402	-1.77809	0.751866	0.879498	-1.13701	0.536154	1.28865	1.28865	0.960709	0.980255	-1.02014	0.0187928	0.315885	-3.16571	0.943287	1.02922	1.02922	0.629689	0.821462	-1.21734	0.619079	0.816374	-1.22493	0.628506	0.820895	-1.21818	1.27787	3.31645	2.30693	1
cg21910941	KIF1	0.370111	0.252766	0.561932	-1.77935	0.278775	0.464353	-2.15358	0.0432686	0.828569	-1.2069	0.0615546	0.262662	-3.80705	0.0115145	0.21593	-4.63197	0.162084	0.299105	3.3433	0.0423861	0.10597	9.43866	0.0151135	0.128913	7.75612	0.0112708	0.127278	7.85576	0.944056	-1.06264	0.784	1.27788	15.2301	9.20397	1
cg24157131	SLC36A1	0.370112	0.268037	0.46701	-2.14107	0.530248	0.824066	-1.20705	0.230615	0.68745	-1.45503	0.0115562	0.68745	-1.46745	0.162909	0.55402	-1.80542	0.493499	0.81398	-1.22853	0.442073	0.792953	-1.26111	0.812704	1.07278	-1.03775	0.943056	1.06264	1.06264	1.27788	1.23925	0.869735	1
cg02713352	B4GALNT1	0.37012	0.525037	1.41305	1.41305	0.392731	1.62932	1.62932	0.898275	0.931173	-1.07391	0.410125	1.59942	1.59942	0.877339	1.08993	1.08993	0.269631	1.89825	1.89825	0.361265	1.6875	1.6875	0.0555999	3.35145	3.35145	0.0442254	1.62783	1.62783	1.27784	6.29115	4.37625	1
cg25357022	CTDP1;CTDP1	0.370125	0.180334	0.562402	-1.77809	0.751866	0.879498	-1.13701	0.536154	1.28865	1.28865	0.960709	0.980255	-1.02014	0.0187928	0.315885	-3.16571	0.943287	1.02922	1.02922	0.629689	0.821462	-1.21734	0.619079	0.816374	-1.22493	0.628506	0.820895	-1.21818	1.27784	3.31645	2.30693	1
cg09253118	RGL3;RGL3;CDCC151	0.370125	0.695791	1.45639	1.45639	0.18482	0.260386	-3.84045	0.187448	0.260386	-3.84045	0.187448	0.260386	-3.84045	0.187448	0.260386	-3.84045	0.695791	1.45639	1.45639	0.18482	0.260386	-3.84045	0.187448	0.260386	-3.84045	0.187448	0.260386	-3.84045	1.27784	1.27784	1.27784

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs.N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(121T 221 vs. N)	Fold-Change(121T vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg11951010	DAB1	0.370508	0.111882	0.731987	0.136439	0.640857	0.91873	-1.08846	0.6158	0.912975	-1.09532	0.159168	0.762203	-1.31199	0.287735	0.819389	-1.22042	0.165395	0.765662	-1.30606	0.056444	0.677211	-1.47605	0.024529	0.910393	-1.09879	0.660579	1.08301	1.08301	1.2769	0.658653	0.458508	1
cg26331945	SUDS3	0.37051	0.522782	1.26169	0.264833	2.10467	2.10467	3.959856	1.40194	1.940194	0.194179	0.610818	-1.63715	0.48441	0.776772	1.28738		0.239711	1.55555	1.55555	0.592475	0.823736	-1.21398	0.977005	0.980709	-1.0104	0.545278	1.2457	1.2457	1.2769	2.60474	1.81324	1
cg15490784	KLF15	0.370511	0.165858	0.424733	-2.35442	0.13852	0.996895	-2.51956	0.0885528	0.336644	-2.9705	0.299877	0.536576	-1.86367	0.755489	0.834423	-1.19843		0.0703623	0.30973	-3.22861	0.678965	0.785711	-1.27273	0.776096	1.17967	1.17967	0.866519	0.90712	-1.10239	1.27689	6.79052	4.72711	1
cg18402166	LOC146880;LOC146880	0.370519	0.0504682	0.537334	-1.86104	0.991295	0.996908	-1.00304	0.128408	0.63261	-1.58075	0.537334	0.842721	-1.19009	0.097755	0.607278	-1.65894		0.536588	0.839996	-1.19046	0.581477	1.1678	1.1678	0.944234	0.980807	-1.01968	0.48129	0.819184	-1.22073	1.26888	1.56997	1.09292	1
cg20170271	SH3BP1	0.370523	0.319076	0.72149	-1.38602	0.64826	0.864501	-1.15674	0.801248	1.08325	1.08325	0.223136	0.665797	-1.50196	0.162468	0.770881	-1.29722		0.381052	1.32954	1.32954	0.220248	1.50472	1.50472	0.287126	1.41963	1.41963	0.140119	0.604585	-1.65403	1.76287	2.03243	1.41487	1
cg25680638	EIF3A;EIF3A	0.370532	0.650334	0.766844	1.30405	0.120541	2.66325	2.66325	0.450751	1.5494	1.5494	0.057912	1.387338	-1.34837	0.473303	0.654232	-1.52851		0.580252	1.38396	1.38396	0.956222	1.03245	1.03245	0.455559	1.55595	1.55595	0.768375	0.840202	-1.18762	1.27687	0.840468	4.76422	1
cg25491122	PCDH9;PCDH9 PTPRD;PTPRD;PTPRD;PTPRD;PT PTPRD	0.370533	0.221376	1.98337	1.98337	0.816367	1.13193	1.13193	0.375781	1.62295	1.62295	0.577384	1.3497	1.3497	0.0373654	3.62225	3.62225		0.452822	1.665356	-1.50295	0.497063	0.692587	-1.44386	0.562092	0.731785	-1.36652	0.459192	1.49407	1.49407	1.26784	5.73928	3.99547	1
cg14146366	PRD	0.370547	0.776479	1.08591	1.08591	0.136346	0.628321	-1.59154	0.801988	1.07547	1.07547	0.253205	1.41275	1.41275	0.804808	1.10089		0.241951	1.42564	1.42564	0.0782396	1.76206	1.76206	0.387136	0.959714	-1.04198	0.539783	0.835487	-1.19691	1.26781	1.69541	1.18031	1
cg24931954	OSBPL5;OSBPL5;OSBPL5	0.370555	0.126081	0.74443	-1.34331	0.233178	1.2497	1.2497	0.309382	1.20633	1.20633	0.389925	0.85462	-1.17011	0.554805	1.1124	1.1124		0.252105	1.23779	1.23779	0.52977	1.1202	1.1202	0.352734	0.843225	-1.18592	0.51254	0.88831	-1.12573	1.27679	0.642974	0.44763	1
cg04394390	CMTM4;CMTM4	0.370558	0.315189	1.27313	1.26313	0.765243	0.934309	1.07111	0.388074	1.23961	1.23961	0.0350507	1.26896	1.26896	0.0350507	1.26896		0.387671	1.29896	1.29896	0.31746	1.10115	1.10115	0.870983	1.54835	1.54835	0.186042	1.37073	1.37073	1.26979	1.02297	0.712182	1
cg25530631	DDB1;DDB1-DAK	0.370557	0.452303	1.8988	1.8988	0.517507	1.73166	1.73166	?	?	?	0.0553662	6.35726	6.35726	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
cg25233299	GUSB;2	0.370706	0.163609	0.397706	-3.588	0.0599171	0.164645	-3.62487	0.325996	0.418291	2.39068	0.976795	0.975312	-1.05213	0.123726	0.23863	-4.19059		0.304378	0.40085	-2.4947	0.1480105	0.2605509	-3.79493	0.3118862	0.340389	-2.93781	0.857205	1.16658	1.27678	14.9561	10.9985	1
cg23816737	TULP4;TULP4;TULP4;TULP4	0.370562	0.195879	0.352059	-2.84044	0.185224	0.342256	-2.92179	0.439211	0.547625	-1.82607	0.633877	1.44228	-1.44228	0.14283	0.300564	-3.32708		0.704957	0.748005	-1.33689	0.712004	0.753508	-1.32713	0.117176	3.66554	3.66554	0.839342	1.16758	1.16758	1.27677	11.7802	8.20137	1
cg20507276	ORZL13;ORZL13	0.370564	0.680857	1.37963	1.37963	0.290516	2.34808	2.34808	0.173931	3.08196	3.08196	0.114391	0.262820	-3.80475	0.893343	0.900878	-1.11003		0.656831	1.41618	1.41618	0.086799	4.35715	4.35715	0.483304	1.72955	1.72955	0.695093	1.3587	1.3587	1.27677	12.2446	8.52472	1
cg26873864	FAM174A	0.370567	0.633257	1.09307	1.09307	0.159957	0.757335	-1.32042	0.177633	1.30372	1.30372	0.734738	0.938982	-1.06498	0.34525	0.731758	-1.36715		0.636006	1.09227	1.09227	0.313242	0.824455	-1.213	0.325407	0.828659	-1.20677	0.224551	1.26632	1.26632	1.26755	0.609398	0.482473	1
cg15605445	LDB3;LDB3;LDB3	0.370576	0.360606	0.862398	-1.15956	0.139909	1.28425	1.28425	0.587196	0.917279	-1.09018	0.69136	0.939079	-1.06487	0.928598	0.985982	-1.01422		0.120028	0.766703	-1.30429	0.113063	0.762122	-1.31213	0.551569	1.09953	1.09953	0.736545	1.05463	1.05463	1.26744	0.501685	0.349282	1
cg07421968	ETAA1	0.370577	0.30718	0.846777	-1.18095	0.871872	0.974502	-1.02613	0.6572	0.6659411	1.38346	1.38346	0.39656	0.872223	-1.14675	0.569683	1.04728	1.04728	0.802049	0.961249	-1.04031	0.426995	0.8802	-1.1361	0.945071	0.825883	-1.21083	0.191311	0.804392	-1.24318	1.26774	0.505536	0.349483	1
cg01808926	CLSTN1;CLSTN1	0.370584	0.164043	0.562449	1.27796	0.47018	1.97253	1.97253	0.370478	1.752122	1.752122	0.410425	1.751826	1.751826	0.0849081	1.98508	1.98508		0.260927	0.741613	1.54163	0.874419	0.943282	-1.06011	0.377647	0.715922	-1.3968	0.462104	1.31839	1.31839	1.26771	2.7557	1.91861	1
cg17233601	PTPN5;PTPN5;PTPN5	0.370596	0.507636	1.20762	1.20762	0.0758396	1.7412	1.7412	0.817176	1.06715	1.06715	0.0736425	1.75019	1.75019	0.436997	1.24926	1.24926		0.814214	1.0683	1.0683	0.123543	1.59712	1.59712	0.472956	0.814747	-1.22737	0.912828	1.03121	1.03121	1.27669	1.59287	1.10903	1
cg28231027	IWS1	0.370598	0.249526	1.46851	1.46851	0.376882	0.757224	-1.32061	0.185765	1.56512	1.56512	0.15052	1.75961	1.75961	0.0398355	2.07197		0.253878	0.68357	-1.46259	0.195011	0.751791	-1.3267	0.132075	0.714444	0.556379	0.826997	1.20919	1.20919	1.27669	2.06123	1.43513	1
cg05754688	AIRD3B	0.370613	0.0567103	0.512006	-1.9531	0.482049	0.801099	-1.24828	0.24161	0.738035	-1.35495	0.520377	1.22412	1.22412	0.642167	0.777283	-1.28653		0.451938	0.788332	-1.26852	0.439554	1.2772	1.2772	0.251035	1.45096	1.45096	0.677025	1.13884	1.13884	1.27665	1.9477	1.35612	1
cg27546431	MYO1C;MYO1C;MYO1C	0.370633	0.192504	5.28845	5.28845	0.279955	1.74766	1.74766	0.0870467	2.08717	2.08717	0.0178535	2.18752	2.18752	0.0258758	4.41343	4.41343		0.113634	0.141779	-7.05322	0.0258494	0.18724	0.18724	0.0963056	0.401089	-2.49293	0.0158776	0.912072	0.912072	1.0964	2.76256	20.5266	1
cg24341759	SSBP3;SSBP3;SSBP3	0.370646	0.784116	0.833503	-1.19976	0.210917	1.39688	1.39688	0.588028	1.43721	1.43721	0.629195	1.38081	1.38081	0.0329488	0.191252	5.2287		0.345809	0.52525	-1.90386	0.537373	0.660882	-1.51313	0.987128	1.01076	1.01076	0.919804	1.06907	1.06907	1.26757	0.897489	0.61951	1
cg21784134	PTTG1	0.370648	0.823724	0.955823	-1.04622	0.650045	1.10691	1.10691	0.0787485	1.48495	1.48495	0.34863	1.21581	1.21581	0.700651	0.924752	-1.08137		0.25799	1.27003	1.27003	0.0954155	0.690048	-1.44917	0.909648	1.02326	1.02326	0.658598	1.09423	1.09423	1.27656	0.829191	0.577377	1
cg16804651	PHF14;PHF14	0.370654	0.187126	0.737755	-1.38936	0.884048	0.995438	-1.00458	0.516257	1.16742	1.16742	0.962333	1.01117	1.01117	0.277557	1.30412	1.30412		0.407733	0.819409	-1.22059	0.0770515	0.62978	-1.58786	0.89096	0.968255	-1.03279	0.236345	1.13888	1.13888	1.27655	1.11836	0.77874	1
cg23855365	GAK	0.370659	0.528071	0.906564	-1.10307	0.0500138	1.40909	1.40909	0.404987	1.13968	1.13968	0.211871	1.2236	1.2236	0.543499	0.909954	-1.09896		0.28884	0.844546	-1.18407	0.416951	1.13575	1.13575	0.972369	0.994699	-1.00533	0.692816	1.06282	1.06282	1.27654	0.476059	0.331493	1
cg15632839	ABCB10	0.370663	0.687796	0.918937	-1.0883	0.0238044	0.968934	-1.0846	0.8873622	0.6694613	-1.49373	0.816404	0.952511	-1.05018	0.509882	1.1277	1.1277		0.218776	1.13086	1.13086	0.684464	0.938171	-1.08913	0.827005	0.960962	-1.04062	0.29553	0.885435	0.615657	1
cg13902308	LAMC3	0.370664	0.116411	0.43148	-2.31761	0.84744	1.09954	1.09954	0.810765	0.888536	-1.12545	0.374255	0.638052	-1.56727	0.0298772	0.283948	-3.52177		0.773846	1.15251	1.15251	0.443872	0.680729	-1.46901	0.304057	0.616312	-1.62256	0.040819	0.615549	1.62193	1.27653	0.90738	0.41718	1
cg09074546	RPP38;LOC100Y111;RPP38;RPP38	0.370667	0.579971	0.897509	-1.11419	0.0452502	1.55944	1.55944	0.350505	1.20428	1.20428	0.735555	0.936531	-1.06777	0.865792	0.967809	-1.03326		0.862584	1.03408	1.03408	0.4103	0.849699	-1.17688	0.128051	1.37471	1.37471	0.522096	1.13371	1.13371	1.27652	0.756475	0.526763	1
cg20990302	C16orf80	0.370671	0.151874	0.710083	-1.40853	0.0793882	0.729724	-1.37045	0.0626	0.5236153	1.91009	0.254583	1.91247	1.91247	0.0196661	2.75768	2.75768		0.241266	0.531902	-1.88004	0.0842519	0.907924	-1.10147	0.0207074	0.814351	-1.22814	0.0897834	1.15379	1.15379	1.27652	3.54658	3.7286	1
cg22544688	CCDC85C	0.370678	0.978756	1.00289	1.00289	0.670793	0.954775	-1.04737	0.781938	0.970413	-1.03049	0.879275	0.983683	-1.01659	0.113652	1.2048	1.2048		0.76885	0.968606	-1.03241	0.0383586	0.812788	-1.23033	0.119224	0.832756	-1.20083	0.646024	1.05133	1.05133	1.27649	0.233853	0.164933	1
cg05410609	CCDC85C;CCDC85C	0.370679	0.192504	5.28845	5.28845	0.279955	1.74766	1.74766	0.0870467	2.08717	2.08717	0.0178535	2.18752	2.18752	0.0258758	4.41343	4.41343		0.113634	0.141779	-7.05322	0.0258494	0.18724	0.18724	0.0963056	0.401089	-2.49293	0.0158776	0.912072	0.912072	1.0964	2.76256	20.5266	1
cg03705558	EPN2;EPN2;EPN2	0.370683	0.328782	0.648462	-1.54211	0.371007	0.673845	-1.48402	0.51903	1.32436	1.32436	0.174465	1.86036	1.86036	0.40469	0.693225	-1.44253		0.533667	1.31115	1.31115	0.709981	0.851691	-1.17413	0.112977	2.09876	2.09876	0.249562	1.67723	1.67723	1.26748	7.3136	2.59993	1
cg06438484	RUNDC3A;RUNDC3A;RUNDC3A	0.370687	0.235801	0.820545	-1.2187	0.547479	0.907638	-1.10176	0.0415934	1.45357	1.45357	0.993973	0.998798	-1.0012	0.625767	1.08139	1.08139		0.968044	0.993643	-1.0064	0.18655	1.24972	1.24972	0.627025	0.925004	-1.08108	0.0218022	0.987622	0.98564	-1.01457	1.27647	0.512384	0.356806	1
cg10185638	ANK2F1;ATG9A;ANK2F1;ANK2F1;ATG9A	0.37069	0.42335	0.892589	-1.12034	0.274135	1.17131	1.17131	0.710838	1.05311	1.05311	0.762493	0.958758	-1.04302	0.430092	0.89412	-1.11842		0.609422	0.930903	-1.07423	0.365079	0.878695	-1.13805	0.075945	1.31579	1.31579	0.186071	1.21508	1.21508	1.27646	0.390346	0.271825	1
cg24560809	PIKFYVE;PIKFYVE;PIKFYVE	0.370693	0.275347	0.730405	-1.36907	0.27144	0.813033	-1.22957	0.0626	0.5236153	1.91009	0.254583	1.91247	1.91247	0.0196661	2.75768	2.75768		0.241266	0.531902	-1.88004	0.0842519	0.907924	-1.10147	0.0207074	0.814351	-1.22814	0.0897834	1.15379	1.15379	1.27652	3.54658	3.7286	1
cg01005968	RTN2;RTN2;RTN2;RTN2	0.370698	0.708695	1.29383	1.29383	0.668704	0.44771	-1.04771	0.108232	1.32944	1.32944	0.454705	1.68656	1.68656	0.4178	0.566465	-1.76533		0.587334	1.45663	1.45663	0.99293	0.999338	-1.00006	0.105128	1.37182	1.37182	0.518616	1.56701	1.56701	1.27644	0.52489	0.63293	1
cg14019826	SIGMAR1;SIGMAR1	0.370706	0.106922	1.37413	1.37413	0.539175	0.893807	-1.11881	0.500638	1.13139	1.13139	0.645847	1.08715	1.08715	0.151081	0.757425	-1.32026		0.790895	1.04916	1.04916	0.315656	0.829156	-1.20605	0.763135	1.0561	1.0561	0.172573	1.29971	1.29971	1.27642	0.659187	0.459052	1
cg26914237	NTM	0.370707	0.456566	1.19229	1.19229	0.160294	0.613113	-1.62944	0.0885528	0.336644	-2.9705	0.299877	0.536576	-1.86367	0.755489	0.834423	-1.19843		0.68043	0.843737	-1.1852	0.143909	0.548464	-1.82328	0.219074	0.758259	1.11502	0.73941	1.04073	1.04073	1.26964	1.03969	0.72661	1
cg04864149	F3	0.370715	0.357449	0.78961	-1.26645	0.0565531	0.583464	-1.71439	0.842671	0.620817	-1.61078	0.212479	0.720532	-1.38786	0.539501	1.16771	1.16771		0.659011	0.89508	-1.11722	0.231614	0.731136	-1.36773	0.559996	0.863203	-1.15848	0.504664	0.844893	-1.18414	1.2764	1.25938	0.870734	1
cg04798218	LPCAT3;LPCAT3	0.370717	0.051993	2.99564	2.99564	0.0532615	1.2176	1.2176	0.176279	1.10704	1.10704	0.677739	1.27079	1.27079	0.0760398	1.25235	1.25235		0.229606	0.756703	-1.32141	0.148032	0.602104	-1.66084	0.151284	1.24334	1.24334	0.0972001	0.971365	0.971365	1.27636	0.0148047		1
cg24511167	VPS41;VPS41	0.370717	0.772753	0.945257	-1.05791	0.290218	1.23792	1.23792	0.45309	0.861901	-1.16022	0.0740496	0.679035	-1.47268	0.439015	0.857729	-1.16587		0.482627	0.870451	-1.14883	0.685385	1.08241	1.08241	0.131432	1.37251	1.37251	0.765719	0.943552	-1.05982	1.2764	0.764253	0.532229	1
cg26610046	CNOT4;CNOT4;CNOT4;CNOT4	0.370726	0.474464	1.1609	1.1609	0.229255	1.15184	1.15184	0.0504992	1.62489	1.62489	0.0109052	1.49373	1.49373	0.0109052	1.62489	1.62489		0.218776	1.13086	1.13086	0.684464	0.938171	-1.08913	0.827005	0.960962	-1.04062	0.29553	0.885435	0.616557	1
cg24636327	LAMA2;LAMA2	0.370726	0.469827	0.67473	-1.43941	0.614504	0.55981	-1.78632	0.563674	0.708526	-1.41128	0.0458154	0.33257	-3.00558	0.461558	1.4496	1.4496		0.0414006	0.308106	-3.24618		0.125146	0.43945	-2.27557	0.851695	1.03654	0.353599	0.623267	1.60445	1.27638	4.96219	3.45436	1
cg16051475	EPHC2	0.370731	0.782781	0.912386	-1.09603	0.0278093	0.422031	-2.36949	0.789222	0.914941	-1.09296	0.66942	1.15287	1.15287	0.246613	0.668998	-1.49477		0.414262	1.31903	1.31903	0.932398	1.19637	1.19637	0.894276	0.956845	-1.0451	0.54126	1.22775	1.22775	1.27636	2.22514	1.54964	1
cg16374488	C6orf38	0.370734	0.386222	1.18203	1.18203	0.452812	1.19368	1.19368	0.464007	1.08993	1.08993	0.859175	1.15989	1.15989	0.826797	1.09179	1.09179		0.059704	0.224641	-4.5361	0.757057	0.604702	-1.65341	0.112667	1.13594	1.13594	0.466317	0.58993	-1.69512	1.27636	10.2448	7.13476	1
cg16125281	SRPS4;SRPS4	0.370736	0.396742	0.809907	-1.23471	0.913706	1.02669	1.02669	0.0398667	1.78103	1.78103	0.625939	1.12676	1.12676	0.85267	1.0462	1.0462		0.197747	1.718376	-1.39203	0.990033	1.00304	1.00304	0.336069	0.785851	-1.27251	0.653883	0.896148	-1.11589	1.27635	1.19319	0.830976	1
cg08584845	LMF1	0.370736	0.486446	2.03473	2.03473	0.981608	0.977202	1.02369	0.0223033	1.38733	1.38733	0.0766004	1.58218	1.58218	0.0462417	2.09258	2.09258		0.429618	2.24727	2.24727	0.144931	0.207569	-4.81914	0.0155466	2.71209	2.71209	0.413198	2.32268	2.32268	1.27635	20.1977	14.2605	1
cg12222945	GLT25D2	0.370742	0.349785	0.815106	-1.53585	0.146744	2.00239	2.00239	0.653459	0.88592	1.08592	0.20012	0.946956	-1.8283	0.917872	1.04706	1.04706		0.0566574	0.382198	-2.61645	0.534253	0.740984	-1.33336	0.64455	0.812932	-1.23012	0.720409	1.851952	-1.17378	1.27634	4.01764	2.79803	1
cg15447610	MCPH1	0.370748	0.918475	0.970386	-1.03052	0.350107	0.765418	-1.30648	0.22449	0.687532	-1.45448	0.769375	0.917295	-1.09016	0.0192825	0.496455	-2.01428		0.307761	0.733452	-1.36341	0.249922	0.702545	-1.4234	0.715321	0.89803	-1.11355	0.0776495	0.562234	-1.77862	1.26732	1.74276	1.21373	1
cg05804863	KIAA1024	0.370749	0.850953	1.05964	1.05964	0.0553772	1.13176	1.13176	0.0977279	1.34104	1.34104	0.246146	1.23244	1.23244	0.158326	1.19785	1.19785	0.080382	0.752189	1.32908	1.32908	0.0728389	1.03898	1.03898	0.961249	-1.04062	0.29553	0.885435	0.616557	1.26732	1.29155	1.08406	1
cg03400027	HEATR2	0.370756	0.312166	0.739923	-1.35149	0.0888748	1.71709	1.71709	0.353018	1.31695	1.31695	0.267012	1.39536	1.39536	0.487075	0.815992	-1.22559		0.152724	1.55462	1.55462	0.280349	1.38166	1.38166	0.856756	0.949277	-1.05343	0.881486	1.04392	1.04392	1.2763	1.67772	1.16846	1
cg16530432	USP12	0.370758	0.964662	0.972199	-1.0286	0.659165	0.753431	-1.32726	0.0472226	0.238823	-4.56995	?	?	?	0.509761	0.649717	-1.53933		0.318872	1.94231	1.94231	0.357049	0.543913	-1.83847	0.981571	0.985804	-1.01481	0.606725	1.72386	1.72386	1.27631	4.07237		1
cg18343881	HAPLN1;HAPLN1	0.370761	0.915267	0.95691	1.05691	0.474961	0.685343	-1.45912	0.313364	0.581417	-1.71994	0.257575	1.80333	1.80333	0.164103	2.27493	2.27493		0.696428	2.12618	2.12618	0.20529	2.03064	2.03064	0.0990118	1.99918	1.99918	0.26929	1.46684	1.46684	1.27631	3.80744		1
cg08331068	HIST1H2BN	0.370763	0.923284	0.987456	-1.0127	0.872388	1.02129	1.02129	0.140339	0.812288	-1.23109	0.528962	0.919804	-1.08719	0.378146	0.888243	-1.12582		0.0600751	1.32046	1.32046	0.689828	0.948783	-1.05398	0.668243	0.945063	-1.05813	0.306923	1.14869	1.14869	1.26929	0.3472	0.241811	1
cg21928701	LPP63	0.370764	0.785234	0.94597	-1.05712	0.534314	1.10364	1.10364	0.614976	1.09577	1.09577	0.313113	0.970574	-1.03057	0.810943	-1.23313	0.810943	-1.23313	0.0211589	0.569299	-1.75655	0.435119	0.900531	-1.11054	0.0853114	0.821251	0.844522	-1.18406	1.27631	0.835693	0.582033	1
cg15401913	CBX2;CTBP2;CTBP2	0.370773	0.228957	2.63091	2.63091	0.602944	0.66892	-1.49495	0.510258	0.599462	-1.66817	0.462277	1.77418	1.77418	0.0134915	4.34229	4.34229		0.356553	2.06792	2.06792	0.352896	2.08008	2.08008	0.155472	3.20454	3.20454	0.154896	3.21047	3.21047	1.26926	1.866	1.26437	1
cg13761152	SNX30	0.370779	0.649824	1.08401	1.08401	0.312645	0.768337	-1.30151	0.354946	0.980949	-1.01952	0.864417	1.08123	1.08123	0.246912	1.04529	1.04529	1.04529	0.0881382	1.40963	1.40963	0.0143773	1.18737	1.18737	0.113982	1.29258	1.29258	1.26926	1.53205	1.13704	0.741186	1.55205	1.26926	1.26926	1.26926

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(1057 vs. N)	Fold-Change(1 vs.057)	p-value(1117 vs. N)	Fold-Change(1 vs.117)	p-value(1127 vs. N)	Fold-Change(1 vs.127)	p-value(1217 vs. N)	Fold-Change(1 vs.217)	p-value(3477 vs. N)	p-value(3477 vs. 477)	Fold-Change(3 vs.477)	p-value(3537 vs. N)	Fold-Change(3 vs.537)	p-value(5377 vs. N)	Fold-Change(5 vs.537)	p-value(5637 vs. N)	Fold-Change(5 vs.637)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg04043776	PCNXL3 PTPN3;PTPN3;PTPN3;PTPN3;PTPN3;PTP	0.371119	0.473229	1.10219	1.10219	0.105378	1.26614	1.26614	0.0936799	0.782018	0.127874	0.465146	1.10423	1.10423	0.412721	0.627503	1.05933	1.05933	0.338857	1.14119	1.14119	0.49132	1.09675	0.413186	0.894616	-1.11855	0.573452	1.07882	1.07882	1.07543	0.309344	0.250439	1
cg14250378	N3;PTPN3	0.371123	0.985439	1.00726	1.00726	0.462439	1.3452	1.3452	0.514792	0.769621	-1.30934	0.888379	1.05725	1.05725	0.026219	0.355153	-2.84452		0.138925	0.531822	-1.88033	0.871432	1.06631	1.06631	0.986971	1.00649	1.00649	0.946958	0.97097	-1.02673	1.27542	3.17651	2.21244	1
cg00632202	C7orf20	0.371127	0.677117	0.887869	-1.12628	0.18072	1.49728	1.49728	0.4993541	1.21501	1.21501	0.531114	1.19744	1.19744	0.0741253	0.568234	-1.75984		0.430302	1.25688	1.25688	0.18216	1.49505	1.49505	0.707587	0.898509	-1.11295	0.775504	0.922693	-1.08626	1.12956	1.23656	1
cg12184293	LOC285740;LOC285740	0.37113	0.160567	0.504871	-1.9807	0.235238	0.567095	-1.76337	0.0335083	0.32222	-3.10347	0.667149	0.820964	-1.21808	0.21463	0.551201	-1.81422		0.236882	0.56833	-1.75954	0.171732	0.515112	-1.94133	0.571628	0.770563	-1.29775	0.45099	0.704559	-1.41933	1.2754	4.19946	2.9268	1
cg06005309	STRAD8;TRAK2;TRAK2	0.371137	0.510267	1.16696	1.16696	0.815792	1.05543	1.05543	0.716585	1.08704	1.08704	0.093995	0.653318	-1.53065	0.830389	0.951613	-1.05084		0.791306	0.940531	-1.06323	0.392396	0.836635	-1.22454	0.574153	0.870988	-1.14027	0.0604502	1.63142	1.63142	1.62539	1.07955	0.752399	1
cg11662066	DBT	0.371145	0.104792	1.42101	1.42101	0.879533	0.970387	-1.03052	0.127899	1.38574	1.38574	0.26235	1.26066	1.26066	0.437171	0.854623	-1.17011		0.335643	1.21748	1.21748	0.891778	0.97338	-1.02735	0.370592	0.833408	-1.19989	0.290946	1.2426	1.2426	1.22537	0.793498	0.553042	1
cg08012152	CHCHD6	0.371146	0.09193	0.417557	-2.39488	0.108841	0.546587	-1.82833	0.0760946	0.82666	-1.14069	0.990906	0.996649	-1.00397	0.831634	0.928705	-1.07677		0.642673	0.85017	-1.17623	0.463198	0.732968	-1.36432	0.600194	0.832165	-1.20169	0.121123	0.557716	-1.79303	1.27537	2.43779	1.69906	1
cg22511723	NCOA3;NCOA3	0.371174	0.145123	0.68495	-1.46015	0.241523	1.41253	1.41253	0.595341	1.36907	1.36907	0.9937	0.997371	-1.00264	0.880624	1.05139			0.813137	0.923357	-1.083	0.0713334	1.95738	1.95738	0.0789394	1.9191	1.9191	0.334648	1.39346	1.39346	1.37953	2.24581	1.56534	1
cg19743820	CDX7C;CDX7C	0.371178	0.0773248	2.45869	2.45869	0.615857	0.793145	-1.2608	0.376517	0.659852	-1.51549	0.459867	1.4116	1.4116	0.678353	1.21052	1.21052		0.254341	0.579686	-1.72507	0.122712	2.15152	2.15152	0.81014	1.11657	1.11657	0.846706	0.915151	-1.09272	1.27529	4.23889	2.95455	1
cg16398128	ZNF622;ZNF622	0.37118	0.161597	1.54014	1.54014	0.645479	0.892047	-1.12091	0.382502	1.04366	1.04366	0.0454934	1.05203	1.05203	0.412721	0.272427	0.709789	1.39103		0.960582	1.987969	-1.01218	0.189535	0.669304	1.49409	0.922602	1.52094	1.02848	0.643652	1.14407	1.14407	1.27528	1.68605	1.1752	1
cg23810348	PARD3B;PARD3B;PARD3B	0.371181	0.474947	0.910381	-1.09844	0.327914	1.1394	1.1394	0.248642	1.16864	1.16864	0.109957	1.25251	1.25251	0.927427	0.913912	-1.0942		0.0740232	1.29343	1.29343	0.807035	1.03213	1.03213	0.29753	1.14977	1.14977	0.782938	1.03633	1.03633	1.02528	0.337296	0.2351	1
cg14786688	PHHA2;PHHA2;PHHA2;PHHA2;PHHA2	0.371191	0.329249	1.12486	1.12486	0.466826	0.817155	-1.09038	0.368777	0.897746	1.1139	0.0716422	1.26459	1.26459	0.481349	1.0868	1.0868		0.20247	0.845501	-1.17827	0.631872	1.05802	1.05802	0.403834	0.910324	-1.09851	0.828882	0.974731	-1.02592	1.27526	0.275777	0.192224	1
cg10299061	SFMBT1;SFMBT1;SFMBT1;SFMBT1	0.371193	0.789368	1.06247	1.06247	0.348161	1.24435	1.24435	0.0190627	0.60079	1.90079	0.93817	0.982594	-1.01771	0.423133	1.20342	1.20342		0.401506	1.21451	1.21451	0.517129	0.861872	-1.16027	0.842236	0.958389	-1.04614	0.52206	1.15819	1.15819	1.12525	1.03463	0.72117	1
cg22108051	SHC1;SHC1;SHC1;SHC1	0.371198	0.76526	0.900654	-1.1103	0.876104	1.05603	1.05603	0.121612	1.79756	1.79756	0.792408	0.911951	-1.09655	0.659806	0.856595	-1.16741		0.105917	0.539499	-1.85357	0.871185	0.94487	-1.05835	0.0803618	0.507733	-1.96954	0.832936	1.07666	1.0766	1.07524	2.46621	1.71904	1
cg21071896	AP3B2	0.371199	0.385202	0.693636	-1.44168	0.809627	0.903822	-1.10614	0.304228	1.54838	1.54838	0.597584	1.00124	1.00124	0.145495	0.526116	-1.90072		0.998208	0.999078	-1.00092	0.0732459	0.440075	-2.27234	0.0116187	0.495832	-2.02681	0.594275	0.801791	-1.24731	1.27524	3.41	2.5769	1
cg06959340	JUB	0.371206	0.382862	2.90557	2.90557	0.272463	1.9019	1.9019	0.0749149	0.16358	0.16358	0.268548	1.95045	1.95045	0.548804	0.485246	-2.06081		0.87062	0.823423	-1.21444	0.148871	6.32979	6.32979	0.128166	7.1013	7.1013	0.358658	0.08033	3.08033	1.27522	28.6931	20.0004	1
cg15546607	CHRNA7 FAM122B;FAM122B;FAM122B;FAM122B;FAM122	0.371206	0.341567	1.54382	1.54382	0.878172	1.07034	1.07034	0.551806	1.30573	1.30573	0.491555	1.36285	1.36285	0.431689	1.42705	1.42705		0.263552	0.596627	-1.67609	0.254354	0.590131	-1.69454	0.656843	2.48545	2.48545	0.308011	1.59611	1.59611	1.27522	3.96581	2.76436	1
cg25736204	ByFAM122C;FAM122B	0.371207	?	?	?	0.804981	0.717608	-1.39352	0.521248	0.418075	-2.39191	0.0798466	13.5614	13.5614	0.396704	0.31219	-3.20318		0.164893	0.137063	-7.29593	?	?	?	0.60631	2.00833	2.00833	0.772269	0.677567	-1.47587	1.26597	28.0591	25.3303	1
cg06181541	SSBP3;SSBP3;SSBP3	0.371208	0.784687	1.15528	1.15528	0.413383	0.649358	-1.55386	0.0620503	2.03391	2.03391	0.939629	1.04696	1.04696	0.694046	0.831902	-1.20268		0.336309	0.593221	-1.68529	0.0935849	0.378337	-2.64315	0.0851765	0.3087	-3.2368	0.0986484	0.93361	-1.07111	1.27522	5.61055	3.91083	1
cg27161374	FAM20C	0.371216	0.917344	0.952902	-1.04943	0.983785	1.00949	1.00949	0.395538	0.667393	-1.49837	0.152372	2.03901	2.03901	0.150031	0.204856	2.04856		0.381328	0.658828	-1.51785	0.0792819	0.472884	2.47284	0.679237	1.21318	1.21318	0.517751	1.3563	1.3563	1.2752	4.36196	3.04055	1
cg21135516	MYT1L	0.371219	0.4909657	1.03556	1.03556	0.766665	0.405522	1.22704	0.0167294	2.22704	2.22704	0.067624	0.915168	1.09095	0.0078934	0.775344	1.29016		0.0204387	0.845504	-1.17827	0.631872	1.05802	1.05802	0.403834	0.910324	-1.09851	0.828882	0.974731	-1.02592	1.27526	0.275777	0.192224	1
cg18540305	TMCO3;DCUN1D2;TMCO3	0.371226	0.5747	1.52066	1.52066	0.919529	1.07757	1.07757	0.308457	0.45873	-2.17993	0.529215	1.60199	1.60199	0.206897	0.3739	-2.6753		0.4435574	1.78155	1.78155	0.0416021	0.176092	-5.67886	0.428765	0.550346	-1.81704	0.796289	0.825925	-1.21076	1.27517	11.0377	7.69413	1
cg14658804	SLIT3	0.371228	0.772704	0.806037	-1.24901	0.828227	0.846348	-1.18085	0.772181	1.24967	1.24967	0.154371	1.22356	1.22356	0.21178	2.7453	2.7453		0.0980575	0.42785	0.02785	0.240419	0.382948	2.60928	0.375357	2.01075	2.01075	0.503994	0.59416	-1.68305	1.27517	11.904	8.29791	1
cg19992857	FAM126B;NDUFB3;NDUFB3	0.371234	0.594674	1.08138	1.08138	0.741298	0.797871	-1.25226	0.545135	0.69331	-1.44201	0.0933102	1.04156	1.04156	0.778663	0.959164	-1.0424		0.503706	1.10388	1.10388	0.0962106	0.468884	2.13321	0.0132924	1.68652	1.68652	0.127503	0.645422	4.27	3.64054	42.2779	23.6823	1
cg05647733	NUAK1	0.371235	0.831094	0.917324	-1.09013	0.0846879	0.462844	-2.16055	0.424306	0.719171	-1.39049	0.396933	1.4197	1.4197	0.443256	0.729198	-1.37137		0.875866	1.06519	1.06519	0.67905	0.845276	-1.18305	0.631732	0.82276	-1.21542	0.0819352	2.1787	2.1787	1.75115	3.29623	2.29776	1
cg13574744	NFIC;NFIC	0.371242	0.877336	0.760712	-1.31456	?	?	?	?	0.123818	0.0333924	-29.947	?	?	?	?	?		0.415033	0.21495	-4.65225	?	?	?	0.118906	0.0289415	-34.5524	0.529007	0.306891	-3.25848	1.59828	35.329	13.2626	1
cg26802010	IL13RA1	0.371244	0.152187	0.159524	-6.41337	0.630575	0.555943	-1.79874	0.847238	0.791622	-1.26325	0.354672	3.16976	3.16976	0.662239	1.70327	1.70327		0.129031	0.137052	-7.29649	0.0628834	0.0843097	-11.861	0.869736	1.22	1.22	0.837617	1.28227	1.28227	1.25213	29.6454	20.6657	1
cg02528396	RNFT2;RNFT2	0.371262	0.0754346	0.470946	-2.12338	0.503705	0.772464	-1.29456	0.416693	0.729206	-1.37135	0.241159	0.626996	-1.59491	0.0365381	0.396735	-2.52058		0.463666	0.753028	-1.32797	0.377796	0.708721	-1.41099	0.92479	1.03658	1.03658	0.301323	0.665354	-1.50296	1.27509	2.92313	2.03777	1
cg24202274	C1orf187	0.371263	0.409631	1.40961	1.40961	0.710149	0.78899	-1.29899	0.650053	1.23423	1.23423	0.495117	1.31841	1.31841	0.417389	1.67185	1.67185		0.715444	1.17266	1.17266	0.183833	1.76241	1.76241	1.60079	1.60079	0.378413	1.48162	1.60079	1.60079	1.27509	3.82174	2.66422	1
cg24523585	CDADC1	0.371266	0.935566	1.01265	1.01265	0.311109	1.17694	1.17694	0.198533	1.23521	1.23521	0.547971	1.09913	1.09913	0.488794	1.11547	1.11547		0.0875283	0.745851	-1.34075	0.364983	0.865243	-1.15574	0.248138	0.828867	-1.20647	0.913356	0.983222	-1.01706	1.27508	0.488078	0.340252	1
cg19184963	MAPK11	0.371269	0.785942	1.03154	1.03154	0.766665	0.405522	1.22704	0.0167294	2.22704	2.22704	0.067624	0.915168	1.09095	0.0078934	0.775344	1.29016		0.2431187	0.696604	-1.43554	0.242869	0.597364	1.67355	0.0156121	1.01861	1.01861	0.973137	0.950653	-1.05191	1.27507	0.481144	0.335842	1
cg08131846	LOC389765	0.371282	0.399538	0.809789	-1.23489	0.295266	0.766799	-1.30412	0.754765	0.926200	-1.07967	0.892241	1.03371	1.03371	0.953553	1.01435	1.01435		0.687984	0.90596	-1.1038	0.0245753	0.519418	-1.92523	0.280437	1.31583	1.31583	0.696564	0.908581	-1.10062	1.27504	2.10854	0.842528	1
cg23958948	C19orf53	0.371286	0.860428	1.03971	1.03971	0.113319	1.46411	1.46411	0.06349	1.58672	1.58672	0.437151	1.19169	1.19169	0.0926228	1.50553	1.50553		0.52726	1.15225	1.15225	0.811036	0.948386	-1.05442	0.705613	0.08759	0.08759	0.180858	1.36936	1.36936	1.27503	0.988487	0.689127	1
cg23972737	ELL	0.371287	0.771464	0.888154	-1.12598	0.779871	1.24697	1.24697	0.285169	1.83742	1.83742	0.993002	0.983544	1.06354	0.0439642	1.36573	1.36573		0.0576038	0.308408	-3.24246	0.448913	0.55667	1.55667	0.0743542	0.958875	-1.04289	0.913924	1.68652	1.68652	1.27503	0.604452	4.2279	1
cg08430028	TAF8	0.371294	0.284437	0.828846	-1.2065	0.81018	1.04146	1.04146	0.235192	1.23373	1.23373	0.300071	0.834187	-1.19877	0.27469	1.21151	1.21151		0.884918	0.975846	-1.02475	0.252663	0.817328	-1.2235	0.115154	1.33534	1.33534	0.749299	1.05562	1.05562	1.27501	0.575535	0.401242	1
cg13387050	CNPY3	0.371295	0.124336	0.373885	-2.67452	0.516206	0.677619	-1.47579	0.0649518	0.893676	-1.11958	0.552808	-1.80895	0.996723	0.598651	-1.67042			0.188269	0.43657	-2.29058	0.204297	0.452943	-2.20778	0.563411	1.14249	1.14249	0.238013	0.48157	-2.07654	1.8095	7.07816	4.92073	1
cg22024376	KIBTBD3;KIBTBD3;AASDHPPT;KIBTBD3;KIB TBD3	0.371299	0.0372392	0.974801	-1.38715	0.619613	1.07007	1.07007	0.302342	1.15558	1.15558	0.648398	0.96184	0.96184	-1.05687	0.216559	0.838635	-1.19241	0.683165	0.945978	-1.05571	0.764388	1.04168	1.04168	0.402282	0.800469	-1.123	0.0864572	0.631468	1.05468	1.27498	0.36984	0.257845	1
cg06183312	GZMA	0.371301	0.641613	1.69484	1.69484	0.0731125	0.883853	-1.26188	0.687334	1.36924	1.36924	0.0929786	0.237989	1.09095	0.0078934	0.775344	1.29016		0.925574	1.07527	1.07527	0.554	0.44858	-2.22959	0.0138632	0.667632	1.39864	1.39864	1.38868	0.103855	0.25124	-3.98024	1.27498	12.182	8.49308	1
cg19678067	GGNBP2	0.371312	0.125654	1.67116	1.67116	0.818602	0.931294	-1.07377	0.513376	0.814339	-1.22799	0.526431	1.22004	1.22004	0.457444	1.26423	1.26423		0.468622	1.25668	1.25668	0.516893	1.22583	1.22583	0.0595866	0.517483	-1.93243	0.680283	1.137	1.137	1.27497	1.93866	1.3516	1
cg17318739	TMPRSS4;TMPRSS4	0.371314	0.232463	1.56911	1.56911	0.637241	0.741341	-1.34949	0.373469	0.83079	-1.20379	0.533179	1.35147	1.35147	0.354222	1.5827	1.5827		0.116364	0.622	-1.60772	0.170308	0.63178	-1.58317	0.137121	1.10699	1.10699	0.66881	0.838768	-1.19222	1.27496	1.66852	1.16322	1
cg04626868	SOX5;SOX5	0.371315	0.62573	1.10204	1.10204	0.516119	1.13884	1.13884	0.173992	0.751352	-1.33093	0.372585	1.19835	1.19835	0.88904	1.02798	1.02798		0.942612	0.98587	-1.01433	0.0906906	1.44545	1.44545	0.878008	1.03083	1.03083	0.132194	0.725305	-1.37873	1.27496	0.788947	0.550046	1
cg03468242	CAMTA1	0.371325	0.969692	1.00911	1.00911	0.69911	0.908658	-1.10058	0.0561993	0.59778	-1.69368	0.962704	1.00634	1.00634	0.931278	0.78037	-1.28144		0.465192	1.19823	1.19823	0.0984115	1.34417	1.34417	0.0941375	1.35703	1.35703	0.704845	0.932599	-1.07227	1.27493	1.19538	0.819421	1
cg14414415	FAM50B	0.371327	0.0833754	0.900157	-1.56307	0.179035	0.496097	0.0574754	0.0139181	0.104138	0.0139181	0.0431804	0.104138	0.104138	0.0139181	0.0431804	0.47673		0.442784	0.680934	-1.46857	0.197675	0.44867	-2.2134	0.0527658	0.36022	1.36922	0.515701	0.723501	-1.38217	1.27493	0.93618	0.33497	1
cg12530080	CDH12;PMCHL1	0.371341	0.803305	0.950424	-1.05216	0.0287335	1.69149	1.69149	0.18625	1.33044	1.33044	0.811128	0.952393	-1.04999	0.860774	1.03642	1.03642		0.382078	1.20039	1.20039	0.550937	1.13081	1.13081	0.162646	1.35485	1.35485	0.994272	0.998538	-1.00146	1.2749	0.8382	0.584414	1
cg03402312	OAS2;OAS2	0.371342	0.345215	0.651381	-1.53501	0.0790882	0.365482	2.76611	0.0996401	0.939383	-2.54045	0.398968	1.56174	1.56174	0.221078	0.514742	-1.94272		0.60631	0.764633	-1.30782	0.354429	0.615145	-1.62532	0.0756387	0.524645	1.24551	1.24551	1.17488	0.58151	-1.71916	1.27489	1.58351	3.75216	1
cg13349035	HLA-DPB1	0.371352	0.0694546	0.437103	0.437103	0.532494	1.58284	1.58284	0.0602657	0.46062	0.46062	0.515429	1.6145	1.6145	0.995285	1.0043	1.0043		0.61489	1.4455	1.4455	0.378928	1.9264	1.9264	0.1309	3.26897	3.26897	0.187898	1.75541	1.75541	1.27487	1.60521	1.74703	1
cg08441248	ZSCAN4 APBB2;APBB2;APBB2;APBB2;APBB2;APBB2;AP	0.371352	0.416006	0.580718	-1.72201	0.556403	0.677784	-1.4754	0.133768	0.347409	-2.87845	0.0508041	0.233464	-4.28331	0.116024	0.327346	-3.05488		0.118445	0.330172	-3.02873	0.397219	0.567375	-1.7625	0.347906	0.53162	-1.88104	0.355531	0.537229	-1.8614	1.27487	8.62978	6.01702	1
cg16552881	B82;APBB2	0.371355	0.637244	0.733298	-1.3637	0.558736	1.47133	1.47133	0.109	1.33135	1.33135	0.156789	2.68869	2.68869	0.0139181	0.342805	-2.91634		0.852693	1.12907	1.12907	0.476146	1.10698	1.10698	0.327477	2.28738	2.28738	0.915877	0.933323	-1.07144	1.27486	8.61154	6.00433	1
cg02147626	HINT3	0.371356	0.0833654	0.900157	-1.56307	0.179035	0.496097	0.0574754	0.0139181	0.104138	0.0139181	0.0431804	0.104138	0.104138	0.0139181	0.0431804	0.47673		0.442784	0.680934	-1.46857	0.197675	0.44867	-2.2134	0.0527658	0.36022	1.36922	0.515701	0.723501	-1.38217	1.27493	0.93618	0.33497	1
cg18617860	SNAP25;SNAP25	0.371363	0.165779	0.250753	-3.98799	0.470554	1.98774	1.98774	0.354087	2.44071	2.44071	0.296265	0.362921	-2.75542	0.239279	0.315577	-3.1688		0.104037	0.189494	-5.27722	0.285051	0.353729	-2.82702	0.673318	1.48715	1.48715	0.935166	0.926684	-1.07912	1.27484	17.6848	12.3308	1
cg05994458	RTBDN	0.371365	0.885329	1.02639	1.02639	0.44793	1.15013	1.15013	0.0373122	1.54818	1.54818	0.582289	0.905885	-1.10389	0.839554	1.03734	1.03734		0.164233	1.3079	1.3079	0.326502	2.06106	2.06106	0.382312	0.844223	-1.18452	0.884251	1.0267	1.0267	1.27484	0.696109	0.460467	1
cg01275523	PAX2;PAX2;PAX2;PAX2;PAX2	0.371382	0.408974	0.627932	-1.59253	0.73958	0.832091	-1.20179	0.293214	1.82358	1.82358	0.900038	1.0717	1.0717	0.155525	2.31031	2.31031		0.792984	0.86509	-1.15595	?	?	?	0.051497	0.39207	0.393027	0.998563	1.00099	1.00099	1.27486	0.43188	4.27418	1
cg02841912	SYNE1;SYNE1	0.371383	0.810247	0.758376	-1.31861	0.0492898	13.198	13.198	0.145131	6.0435	6.0435	0.77062	0.714516	-1.39955	0.213605	0.221845	-4.50766		0.987878	0.982684	-1.01762	0.559268	0.507152	-1.97179	0.753325	1.43689	1.43689	0.854178	0.809338	-1.23558	1.27479	26.6913	18.6114	1
cg11100795	AP3B1	0.371388	0.409089	1.40961	1.40961	0.710149	0.78899	-1.29899	0.650053	1.23423	1.23423	0.495117	1.31841	1.31841	0.417389	1.67185	1.67185		0.715444	1.17266	1.17266	0.183833	1.76241	1.76241	1.60079	1.60079	0.378413	1.48162	1.60079	1.60079	1.27509	3.82174	2.66422	1
cg23190949	CDH23	0.371389	0.352124	0.710012	-1.40843	0.969518	1.01376	1.01376	0.69845	1.1494	1.1494	0.588751	1.21559	1.21559	0.646416	0.847719	-1.17964		0.346491	0.706991	-1.41444	0.129586	0.764274	1.76424	0.0564065	0.461803	-2.16543	0.728252	0.882712	-1.13287	1.27478	2.5827	1.80089	1
cg25364913	LOC100129550	0.371392	0.0833654	0.900157	-1.56307	0.179035	0.496097	0.0574754	0.0139181	0.104138	0.0139181	0.0431804	0.104138	0.104138	0.0139181	0.0431804	0.47673		0.442784	0.680934	-1.46857	0.197675	0.44867	-2.2134	0.0527658	0.36022	1.36922	0.515701	0.723501	-1.38217	1.27493	0.93618	0.33497	1
cg17788425	HRNBP3	0.371394	0.903049	1.08146	1.08146	0.0323659	0.503963	0.503963	0.396851	1.74643	1.74643	0.780318	0.83553	-1.19685	0.719504	1.26082	1.26082		0.674018	1.31244	1.31244	0.136635	0.356812	-2.8026	0.919186	1.0674	1.0674	0.927916	0.943507	-1.05988	1.27477	3.73871	2.48285	1
cg11912315	ANK1;ANK1;ANK1;ANK1;ANK1	0.371395	0.374073	0.537939	-1.85895	0.249114	2.26728	2.26728	0.603325	1.42795	1.42795	0.276829	0.463661	-2.15675	0.854189	0.27469	-3.64047		0.498507	0.62693	-1.59507	0.128235	0.327144	-3.05676	0.87923	1.10885	1.10885	0.490497	0.621301	-1.60953	1.27477	9.32292	6.50083	1
cg00329154	EBF3	0.371414	0.1812072	0.344111	-2.90435	0.385689	0.710662	-1.40728	0.0456326	1.84316	1.84316	0.76095	0.83235	-1.20155	0.0780643	0.312295	-3.20179		0.0889082	1.11299	1.11299	0.685651	0.929589	-1.07574	0.955768	0.899795	-1.01241	0.0781442	0.741256	1.34906	1.27475	0.474487	0.329466	1
cg03748857	KIAA0182;KIAA0182	0.371415	0.43841	1.72747	1.72747	0.0434044	0.98595	-1.98595	0.039299	5.20344	5.20344	0.493171	1.61723	1.61723	0.733556	1.26658	1.26658		0.429319	1.74722	1.74722	0.610241	1.42698	1.42698	0.0903938	1.09954	1.09954	0.992824	0.9938	-1.00624	1.27474	9.65789	6.73453	1
cg04505340	SMOC2;SMOC2	0.371413	0.989903	1.00965	1.00965	0.324972	1.231325	1.231325	0.255149	0.694374	-1.68244	0.71899	0.837868	-1.07715	0.0950539	0.707434	-1.41486		0.0240293	1.585605	1.585605	0.0116254	0.0240293	1.585605	0.0116254	1.17569	0.802819	0.951479	-1.051	0.769567	0.943276	1.06104	1.04232	1
cg04549475	ZNF165	0.371414	0.459475	1.16152	1.16152	0.523224	0.879309	-1.13726	0.620162	0.905451	-1.10442	0.601801	1.13033	1.13033	0.275043	0.775967	-1.28872		0.0240293	1.585605	1.585605	0.0116254	0.0240293	1.585605	0.0116254	1.17569	0.802819	0.951479	-1.051	0.769567	0.943276	1.06014	1.04232	1
cg06418412	ZRANB2;ZRANB2	0.371414	0.24437	0.756611	-1.32168	0.131869	1.45129	1.45129	0.0713273	1.58607	1.58607	0.499

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105T 057 vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5637 vs. N)	Fold-Change(563T vs. N)	p-value(5 63T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg01129404	SDCBP;SDCBP;SDCBP;SDCBP;SDCBP	0.371684	0.576179	0.811175	-1.23278	0.493965	0.773052	-1.29357	0.374188	0.731378	-1.40217	0.418714	0.758238	-1.35826	0.017877	0.344154	-2.90567	0.458476	0.755975	-1.3228	0.361287	0.707346	-1.41373	0.889143	0.94963	-1.05304	0.149894	0.564366	-1.7739	1.27407	2.77098	1.93325	1
cg08904058	FAM189A1	0.371698	0.0510387	0.328746	-3.04186	0.586575	0.758643	-1.31814	0.476102	0.694537	-1.43981	0.500504	0.708929	-1.41058	0.138794	0.448617	-2.22907	0.188387	0.496031	-2.016	0.118007	0.425764	-2.34872	0.6656	1.24451	-1.24651	0.898039	0.937545	-1.06662	1.27404	5.10623	3.56259	1
cg25777714	MAP2K2	0.371702	0.4511154	0.743732	-1.34457	0.766842	0.891659	-1.12151	0.504931	1.29812	1.29812	0.865818	0.95686	-1.0674	0.07473551	0.465114	-2.15001	0.352093	0.691217	-1.44672	0.157648	0.558397	-1.79084	0.207169	1.6703	1.6703	0.655575	1.18902	1.18902	1.27403	3.001	2.0938	1
cg12633890	NHLH2;NHLH2	0.371717	0.0709341	7.66758	7.66758	0.57817	1.76313	1.76318	0.603681	1.6968	1.6968	0.412685	-2.39239	-2.32933	0.490847	0.493352	-2.02695	0.503483	0.503856	-1.9947	0.752246	0.72634	-1.37677	0.865714	1.18535	1.18535	0.084475	0.86729	0.86729	1.27399	20.5671	14.35	1
cg20140950	RDH13;RDH13;RDH13;RDH13	0.371736	0.146111	0.459436	-2.17658	0.78056	0.670041	-1.14937	0.472404	1.43955	1.43955	0.282743	0.573281	-1.74435	0.01601 12	0.296482	-3.37289	0.573759	0.753273	-1.32754	0.273591	0.566695	-1.76462	0.821177	1.11947	1.11947	0.75086	0.853181	-1.17208	1.27395	5.01343	3.4981	1
cg01844124	ADSL;ADSL	0.371774	0.154989	1.5328	1.5328	0.13483	0.636107	-1.57206	0.82878	0.941032	-1.06266	0.660179	1.1322	1.1322	0.457889	1.23631	-1.23631	0.210154	1.44858	1.44858	0.411945	0.790242	-1.26544	0.652644	1.13558	1.13558	0.267163	0.722063	-1.3832	1.27394	1.58884	1.10861	1
cg12241980	MRPL23	0.37174	0.625838	0.811889	-1.2317	0.696103	0.846654	-1.18112	0.0901746	2.20771	2.20771	0.388727	0.687555	-1.45443	0.06958 84	0.422869	-2.3648	0.471344	0.732914	-1.36442	0.663422	1.20406	1.20406	0.569241	1.27628	1.27628	0.834433	0.915063	-1.09282	1.27394	3.62863	2.53188	1
cg09890400	CNKSR1;CNKSR1	0.371742	0.489481	0.807281	-1.23873	0.216292	1.14701	1.48701	0.5163451	1.22221	1.22221	0.208646	1.45634	1.45634	0.379401	0.68936	-1.45048	0.350417	1.24055	1.24055	0.026313	2.15324	2.15324	0.960278	1.0153	1.0153	0.835571	1.06564	1.06564	1.27393	1.87607	1.30904	1
cg01761409	RAB18	0.371744	0.317461	0.570544	-1.75273	0.532213	0.71106	-1.40635	0.527231	0.706192	-1.41604	0.267152	0.604666	-1.65381	0.045304	0.660249	-1.51458	0.293513	0.553373	1.8071	0.034946	0.956637	-1.04533	0.91024	0.940596	-1.06316	0.039926	1.63137	1.63137	1.27393	5.9498	4.1515	1
cg24667758	LOC728606	0.371757	0.685305	0.931759	-1.07324	0.657074	0.92541	-1.0806	0.26738	0.818356	-1.22196	0.862193	0.970307	-1.0306	0.757044	1.05531	1.05531	0.790636	1.04724	1.04724	0.0379013	1.51834	1.51834	0.183362	0.782774	-1.27751	0.88603	1.02519	1.02519	1.2739	0.607273	0.423738	1
cg25981315	IDI2	0.371777	0.322945	0.67567	-1.47939	0.698948	0.114462	-7.43799	0.188289	0.336463	-2.97359	0.971185	1.02804	1.02804	0.307132	0.445495	-2.2447	0.305402	0.444762	-2.25346	0.252169	0.400216	-2.49865	0.409837	0.524622	-1.9065	0.956336	1.04301	1.04301	1.27386	11.8242	8.25082	1
cg13918804	PRKCZ;PRKCZ;PRKCZ	0.371774	0.568044	0.801856	-1.24711	0.815652	0.914508	-1.09348	0.826016	1.08789	1.08789	0.193787	1.03028	1.03028	0.825816	0.36341	-2.75171	0.517388	0.777892	-1.28553	0.471905	0.75577	-1.32315	0.197333	1.68457	1.68457	0.98465	0.992665	-1.00739	1.27385	2.95437	2.06155	1
cg11096503	KCNQ1;KCNQ1	0.371792	0.343468	0.541171	-1.84798	0.125555	0.119992	-7.74786	0.932804	0.984798	-1.01523	0.878942	1.1982	1.1982	0.023629	0.040579	-2.44529	0.364795	0.689294	-1.45076	0.51266	0.456862	-2.19845	0.957855	1.0647	1.0647	0.33341	0.906145	-1.10364	1.27381	28.3959	19.8152	1
cg15011943	MLA-DRB5	0.371808	0.308406	0.443164	2.2555	0.888769	1.11313	1.11313	0.623806	0.278996	-3.58429	0.810604	0.440572	-2.26978	0.33849	0.649701	-2.12901	0.454562	0.557995	-1.79213	0.0394716	0.161335	-6.19828	0.295749	0.435872	-2.29425	0.67146	1.38646	1.38646	1.27377	11.8335	8.2579	1
cg04215944	TINF2;TINF2	0.371812	0.987318	0.10106	1.01106	0.914603	1.07703	0.63681	0.715712	-1.39721	0.334978	0.501051	-1.99581	0.326207	0.2231	0.2031	-4.92362	0.301258	0.474762	-2.10632	0.295532	1.2267	0.600667	1.44174	1.44174	0.0528933	0.211636	-4.72509	1.30276	9.66520	5.77038	1
cg26600192	NOL3	0.371812	0.434354	0.520309	-1.91201	0.038451	0.164641	-4.80441	0.0614465	0.544055	1.54035	0.290224	0.43978	2.85115	0.834458	0.113641	-8.79077	0.367791	1.2266	1.2266	0.377364	2.08827	2.08827	0.467825	1.82259	1.82259	0.530152	1.67656	1.67656	1.27376	1.31394	1.20488	1
cg22621734	SH3TC2	0.371812	0.420307	0.639314	-1.5775	0.6602621	0.309366	-3.23241	0.19887	0.471588	-2.12049	0.652734	0.7782	-1.28502	0.3598	0.593769	-1.68416	0.225437	0.494191	-2.02351	0.0540236	0.297952	-3.35625	0.236855	0.503508	-1.98607	0.502699	0.686189	-1.45732	1.27376	6.18366	4.31524	1
cg20988960	PRDM16;PRDM16	0.371817	0.677119	0.713458	-1.40163	0.376825	0.27758	2.07758	0.0756613	4.89564	4.89564	0.845134	1.07078	1.07078	0.0756684	0.203465	-4.91484	0.584149	1.56151	1.56151	0.882302	0.566773	-1.76438	0.752642	1.29036	1.29036	0.72935	1.13145	1.13145	1.27376	1.91598	1.00149	1
cg27230900	BPTF;BPTF	0.371823	0.920981	1.05053	1.05053	0.164278	2.1925	2.1925	0.0917777	1.54635	0.257372	1.35727	0.7577027	0.5118	0.0397754	0.137352	-2.65005	0.8228008	0.894556	-1.11787	0.599474	1.30117	1.30117	0.213178	1.86575	0.763792	1.15776	1.15776	1.15776	1.27374	4.97904	3.47467	1
cg02006203	UPP1;UPP1	0.371824	0.955189	1.03868	1.03868	0.981952	1.01539	1.01539	0.38465	0.547717	-1.82576	0.0196105	0.14891	-6.71544	0.341164	0.515586	-1.93954	0.932684	1.05872	1.05872	0.270657	0.460894	-2.1697	0.753642	1.23693	1.23693	0.842684	1.14362	1.14362	1.27373	9.20153	6.42139	1
cg16103595	MRTO4;KIAA0090 BCBAP37;BCAP13;ABCD1;BCAP31;BCAP3	0.371833	0.788813	0.949913	-1.18498	0.327394	1.21944	1.21944	0.941903	1.15897	1.15897	0.623933	0.989771	-1.01016	0.731426	1.13566	1.13566	0.206533	1.2904	1.2904	0.450383	1.15856	1.15856	0.913203	1.11355	1.11355	0.117522	1.18447	1.18447	1.27371	0.738794	0.555142	1
cg02205962	1;BCAP31	0.371841	0.280886	0.375224	-2.66507	0.307829	2.51731	2.51731	0.559551	1.67539	1.67539	0.753749	0.788227	0.678207	0.694199	1.41281	1.41281	0.175658	0.283825	-3.5233	0.941442	0.93777	-1.06636	0.821636	0.820797	-1.21833	0.898698	1.11783	1.11783	1.27369	15.4294	10.7679	1
cg01536011	SPAG1;SPAG1	0.371842	0.779704	0.862459	-1.15948	0.0407199	0.287449	-3.47887	0.792873	0.870344	-1.14897	0.512948	0.704592	-1.41926	0.502779	0.698459	-1.43172	0.048634	0.304677	-3.28217	0.724776	0.829827	-1.20507	0.263047	0.540244	-1.85102	0.322343	0.583057	-1.7151	1.27369	5.61722	3.92017	1
cg22849967	TMEM229B	0.371843	0.502934	0.812338	-1.23101	0.180754	0.647608	-1.54414	0.591134	1.18022	1.18022	0.346164	1.34527	1.34527	0.125003	0.164753	-6.07243	0.569308	1.19224	1.19224	0.126311	1.65806	1.65806	0.935742	1.02496	1.02496	0.445721	0.788484	-1.26826	1.27369	1.88539	1.31579	1
cg08788717	STK33	0.371846	7	7	7	7	1.95008	1.95008	0.733277	1.35038	1.35038	0.622954	1.62526	1.62526	0.0826839	0.191553	-5.22048	0.367791	2.1266	2.1266	0.377364	2.08827	2.08827	0.467825	1.82259	1.82259	0.530152	1.67656	1.67656	1.27376	1.31394	1.20488	1
cg23667061	TXLNB	0.371846	0.37343	0.616388	-1.62236	0.503009	0.43328	1.43328	0.247899	0.527432	-1.88598	0.862414	0.912231	-1.09621	0.0188273	0.221578	-4.51308	0.510533	0.70225	-1.42399	0.930222	0.954678	-1.04747	0.607778	0.760211	-1.31543	0.62931	0.772919	-1.2938	1.27368	5.65752	3.94833	1
cg25402112	HEATR2	0.371849	0.865343	0.955791	-1.18573	0.6409059	0.812536	-1.23125	0.564016	1.08748	1.08748	0.197844	1.24305	1.24305	0.761943	0.408308	-2.44973	0.818318	1.13999	1.13999	0.0593476	1.56427	1.56427	0.898013	1.03479	1.03479	0.249307	0.725207	-1.37892	1.27368	1.45503	1.00149	1
cg18177653	JAZF1	0.371849	0.386176	0.854099	-1.17082	0.243791	1.24172	1.24172	0.75409	0.945729	-1.05738	0.443421	1.14881	1.14881	0.178176	0.93852	-1.06551	0.224366	1.25431	1.25431	0.969557	0.993248	-1.0068	0.712109	1.06799	1.06799	0.0534573	0.677451	1.47612	1.27367	0.635755	0.443689	1
cg02886522	ZNF415;ZNF415;ZNF415;ZNF415	0.371858	0.983259	1.00373	1.00373	0.0793872	1.41267	1.41267	0.354355	1.18418	1.18418	0.729158	1.06361	1.06361	0.69039	0.93143	-1.07362	0.636754	0.919058	-1.08806	0.125623	0.745231	-1.34187	0.257784	0.810979	-1.23308	0.526887	0.892935	-1.1199	1.27365	0.63494	0.443128	1
cg25355501	HLA-C	0.371861	0.370686	0.813451	-1.22896	0.787625	1.10443	1.10443	0.0729079	1.61953	1.61953	0.216159	1.83634	1.83634	0.0198501	0.544521	-1.83629	0.15155	0.809816	-1.23485	0.482109	0.98308	-1.00222	0.72586	0.952859	-1.04952	0.113589	1.24874	1.24874	1.27365	0.380106	0.263342	1
cg00718175	LOC154822	0.371864	0.0820292	0.134923	-7.41161	0.596839	0.74182	1.74182	0.640605	0.63033	0.63033	0.869541	1.18634	1.18634	0.039815	0.084539	-11.8289	0.792394	1.3155	1.3155	0.970347	1.0394	0.834526	0.80456	-1.24292	0.508762	0.498159	-2.00739	1.27364	21.7991	15.2139	1
cg01175632	WWOX	0.371868	0.1606092	0.733845	1.36259	0.724357	0.53753	1.53753	0.181389	0.648329	1.54229	0.453554	0.8310388	1.20285	0.187285	0.544507	-1.83575	0.436444	0.70015	1.42845	0.0975	0.719667	1.38965	0.719667	0.96575	1.03575	0.904	1.18222	1.18222	1.27363	1.74977	1.37374	1
cg25654677	MYT1L	0.371871	0.515615	1.20126	1.20126	0.0587506	1.81097	1.81097	0.580425	1.16802	1.16802	0.699587	1.11389	1.11389	0.362861	1.29712	1.29712	0.201991	1.45463	1.45463	0.045788	1.89066	1.89066	0.263623	1.38286	1.38286	0.309565	1.33978	1.33978	1.27362	1.56082	1.08933	1
cg14436862	CNTN1;CNTN1	0.371871	0.161555	0.783686	-1.27602	0.736093	0.946339	-1.0567	0.937629	1.01284	1.01284	0.263044	0.826749	-1.20956	0.643715	0.1789	1.0789	0.447238	0.881347	-1.13463	0.114945	1.32245	1.32245	0.252543	1.21515	1.21515	0.380426	1.158	1.158	1.27362	0.536256	0.374266	1
cg22262549	POLR3C;RNF115	0.371875	0.470335	0.7	1.42857	0.0	1.26474	1.26474	0.736099	1.2084	1.2084	0.154661	1.49938	1.49938	0.242205	0.8909	1.1869	0.802358	1.06931	1.06931	0.623186	1.56504	1.56504	0.213183	1.56504	1.56504	0.213183	1.58081	1.58081	0.0971309	1.62664	1.44028	1.00521	1
cg24858417	MAD1L1;MAD1L1;MAD1L1	0.371875	0.71674	0.903118	-1.10949	0.198798	1.47284	1.47284	0.281143	1.37631	1.37631	0.995092	1.00176	1.00176	0.308994	1.35016	1.35016	0.523559	1.20241	1.20241	0.100261	0.598422	-1.67106	0.635214	0.872607	-1.14599	0.246522	0.707832	-1.41276	1.27361	1.64006	1.14465	1
cg21202064	PGGT1B	0.371888	0.160644	1.28017	1.28017	0.237467	1.23526	1.23526	0.0979671	1.94879	1.94879	0.717509	0.946017	-1.057	0.5793 91	1.09776	1.09776	0.642278	0.601228	-1.66256	0.0240103	0.98021	-1.02019	0.254324	1.12674	1.12674	0.273447	0.547868	0.182413	1.27361	0.657158	0.461251	1
cg02347652	PSMD9	0.371882	0.262966	0.41725	-2.39665	0.574857	1.52875	1.52875	0.623058	1.44924	1.44924	0.677167	0.746105	-1.34029	0.402117	0.52612	-1.90071	0.093413 8	0.251071	-3.98294	0.180139	0.344365	-2.90389	0.308394	2.20252	2.20252	0.223315	0.383548	-2.60723	1.2736	11.3145	7.89678	1
cg24153218	HSPB6;C10orf55	0.371886	0.911277	1.02031	1.02031	0.584134	0.905083	-1.10487	0.518573	0.888629	-1.12533	0.0667187	0.690109	-1.44905	0.1139	1.36385	1.36385	0.359464	0.843669	-1.1853	0.28912	0.819936	-1.21961	0.568965	0.90135	-1.10945	0.749039	1.05962	1.05962	1.27359	0.656594	0.458264	1
cg18017573	DIP2B;DIP2B;DIP2B	0.371893	0.547363	0.885402	-1.12945	0.336095	0.826477	-1.2477	0.0911445	1.59723	1.59723	0.0988585	0.8015756	1.08156	0.0966136	1.24207	-1.24207	0.388571	0.640527	-1.56105	0.0770308	0.653318	-1.5302	0.0612128	0.626526	-1.59655	0.0326103	0.816759	-1.22455	1.2736	0.976758	0.657158	1
cg02347652	PSMD9	0.371882	0.262966	0.41725	-2.39665	0.574857	1.52875	1.52875	0.623058	1.44924	1.44924	0.677167	0.746105	-1.34029	0.402117	0.52612	1.90071	0.093413 8	0.251071	-3.98294	0.180139	0.344365	-2.90389	0.308394	2.20252	2.20252	0.223315	0.383548	-2.60723	1.2736	11.3145	7.89678	1
cg24153218	HSPB6;C10orf55	0.371886	0.911277	1.02031	1.02031	0.584134	0.905083	-1.10487	0.518573	0.888629	-1.12533	0.0667187	0.690109	-1.44905	0.1139	1.36385	1.36385	0.359464	0.843669	-1.1853	0.28912	0.819936	-1.21961	0.568965	0.90135	-1.10945	0.749039	1.05962	1.05962	1.27359	0.656594	0.458264	1
cg18017573	DIP2B;DIP2B;DIP2B	0.371893	0.547363	0.885402	-1.12945	0.336095	0.826477	-1.2477	0.0911445	1.59723	1.59723	0.0988585	0.8015756	1.08156	0.0966136	1.24207	-1.24207	0.388571	0.640527	-1.56105	0.0770308	0.653318	-1.5302	0.0612128	0.626526	-1.59655	0.0326103	0.816759	-1.22455	1.2736	0.976758	0.657158	1
cg23603057	UNC93A;UNC93A;UNC93A	0.371895	0.703796	0.783313	-1.27663	0.19406	0.415424	-2.40718	0.20087	0.42159	-2.37197	0.679887	0.766990	-1.30378	0.0782875	0.286338	-3.49238	0.409694	0.583295	-1.7144	0.0398432	0.218898	-4.56833	0.455921	0.615392	-1.62498	0.346703	0.538197	-1.85806	1.27356	8.24498	5.75462	1
cg22359217	FBXO4;FBXO4 C10orf110;C10orf110;C10orf110;C10orf	0.371899	0.0510323	0.476653	-2.08467	0.563304	0.475475	-1.21304	0.567912	2.091	2.091	0.113799	0.562974	2.091	0.113799	0.562974	-1.77593	0.743749	0.894941	-1.11353	0.161252	0.611481	-1.63536	0.779234	0.911206	-1.09734	0.673876	1.15059	1.15059	1.27356	2.64498	1.75345	1
cg25614935	f110	0.371902	0.708957	0.789751	-1.26622	0.481096	1.56961	1.56961	0.283358	2.01714	2.01714	0.808661	0.85837	-1.165	0.0954465	0.315653	-3.16803	0.219153	0.443297	-2.25582	0.18267	0.410554	-2.43573	0.988064	0.990627	-1.00946	0.186738	0.414344	-2.41345	1.27355	7.99341	5.57911	1
cg13550079	IKBKG;IKBKG;GEPD;GEPD;IKBKG;IKBKG PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.371903	0.264427	0.359011	-2.78543	0.96474	0.961817	-1.0397	0.933301	0.928934	-1.0765	0.137942	0.48293	0.48293	0.0692081	5.99179	5.99179	0.241131	0.339374	-2.9466	0.947426	0.943578	-1.0598	0.695107	0.70688	-1.41467	0.978489	0.976534	-1.02403	1.27355	15.644	10.9189	1
cg24287648	PRKAR1B;PRKAR1B	0.371905	0.414124	1.53266	1.53266	0.180052	2.07136	2.07136	0.950448	1.0323	1.0323	0.184356	2.05486	2.05486	0.130962	0.434255	-2.3028	0.132943	2.29147	2.29147	0.721695	0.832821	-1.20074	0.490052	1.43061	1.43061	0.983416	1.01069	1.01069	1.27354	5.27677	3.68301	1
cg21114194	FITM4P	0.371909	0.306728	0.590729	-1.69282	0.240379	0.542544	-1.84317	0.998863	0.999291	-1.00071	0.597134	0.754292	-1.36186	0.349905	0.619642	-1.61383	0.952039	1.03037	1.03037	0.046639	0.321951	-3.10606	0.196662	1.97208	1.97208	0.730001	0.841686	-1.18809	1.27353	4.99144	3.48389	1
cg26443278	CENPT;THAP11	0.371911	7	7	7	7	2.0993	2.0993	0.0993	2.0993	2.0993	0.0993	2.0993	2.0993	0.0843355	0.477273	2.0993	7	7	7	7	7	7	7	7	7	7	0.183822	0.290956	-3.43605	1.27353	4.56641	3.24602	1
cg19321142	CRTC2	0.371915	0.671231	0.794674	-1.25838	0.795326	1.15019	1.15019	0.534053	1.40354	1.40354	0.933851	0.9563	-1.0457	0.0425548	0.284507	-3.51485	0.466682	0.671186	-1.4899	0.167886	1.25776	1.25776	0.563646	1.36922	1.36922	0.140519	2.34772	2.34772	1.27352	5.84421	4.07914	1
cg08835110	ARSG	0.371925	0.389259	0.670552	-1.49172	0.564144	0.764475	1.30844	0.0964	1.30844	1.30844	0.176405	1.16341	1.16341	0.577568	0.774272	-1.73908	0.492863	0.833719	-1.20002	0.115301	0.807559	-1.23846	0.414301	0.836709	-1.19513	0.161669	0.469198	-2.13196	1.27352	0.941996	0.82441	1
cg15583241	STS	0.371929	0.520854	0.834143	-1.19884	0.740264	0.911461	-1.09714	0.263492	0.72265	-1.3838	0.226628	0.70204	-1.42442	0.368721	0.773159	-1.29339	0.439023	1.24601	1.24601	0.112076	1.61954	1.61954	0.799473	1.07351	1.07351	0.167439	0.663361	-1.50681	1.27348	1.56623	1.09323	1
cg20784198	KIAA0754;MACF1;MACF1	0.371932	0.160644	1.28017	1.28017	0.237467	1.23526	1.23526	0.0979671	1.94879	1.94879	0.717509	0.946017	-1.057	0.579373	1.09776	1.09776	0.642278	0.601228	-1.66256	0.0240103	0.98021	-1.02019	0.254324	1.12674	1.12674	0.273447	0.547868	0.182413	1.27348	0.657158	0.461251	1
cg02395127	LMAN1L	0.371935	0.360867	0.508947	-1.96484	0.141124	1.16821	1.16821	0.985412	0.986767	-1.01341	0.77273	1.2349	1.2349	0.143818	0.318457	3.14014	0.708138	0.760332	-1.31521	0.0762758	0.237635	-4.20814	0.628266	0.700838	-1.42686	0.499801	0.607088	-1.64721	1.27343	10.7066	7.4735	1
cg23164327	TTC33	0.371962	0.13417	0.657762	-1.52031	0.605515	1.14468	1.14468	0.559138	0.857963	-1.16555	0.0760091	0.59925	-1.66875	0.96727	0.989415	-1.0107	0.226684	1.38985	1.38985	0.574888	0.863323	-1.15831	0.756628	1.08396	1.08396	0.407164	1.24596	1.24596	1.2734	1.35651	0.9469	1
cg00514407	SERPINE2;SERPINE2;SERPINE2	0.371962	0.179344	0.540225	-1.85177	0.511674	1.13311	1.13311	0.554585	1.10937	1.10937	0.855926	1.08167	1.08167	0.0792757	0.911681	-1.0976	0.308502	1.57667	1.57667	0.0849825	2.49209	2.49209	-2.27682	0.134557	1.94557	1.94557	0.885699	0.939757	-1.06411	1.27347	0.547868	0.382413	1
cg21215024	SCAI;SCAI	0.371963	0.53725	1.214	1.214	0.137916	1.64339	1.64339	0.293254	1.40275	1.40275	0.109825	1.71783	1.71783	0.15292	0.621793	-1.60825	0.360004	1.33927	1.33927	0.29948	1.39624	1.39624	0.89629	1.04131	1.04131	0.785106	1.08854	1.08854	1.2734	1.94325	1.35647	1
cg27658231	MESD;C2	0.371963	0.8627313	0.885153	-1.12946	0.973136	1.03448	1.03448	0.0525849	1.1575	1.1575	0.412734	0.9765	-1.0243	0.0782365	1.37265	1.37265	0.835907	1.04758	1.04758	0.0082	1.705326	1.705326	-1.27336	0.0931284	1.29268	1.29268	0.801672	1.05191	1.05191	1.27346	0.560894	0.409828	1
cg20731121	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.371968	0.795802	0.899073	-1.11226	0.0757163	0.444408	-2.25018	0.419045	0.712671	-1.40317	0.560931	0.726771	-1.37566	0.0477	0.227277	0.893998	0.946777	1.05622	0.670082	1.19222	1.19222	0.12935	1.95871	1.95871	0.393063	1.43179	1.43179	0.301877	1.55084	1.55084	1.27339	3.39424	2.36935	1
cg02458113	MSH2	0.371974	0.538267	0.867588	-1.15262	0.0727393	0.633608	-1.57826	0.0713787	0.631909	-1.58251	0.530095	0.866573	-1.15397	0.779931	0.937586	-1.06657	0.603167	1.12699	1.12699	0.285185	0.776441	-1.28793	0.369715	1.23365	1.23365	0.826217	0.951114	-1.0514	1.27337	1.04786	0.731464	1
cg01562241	PIGG;ZNF721;PIGG;PIGG;PIGG;ZNF721	0.371974	0.468009	0.536695	-1.86326	0.281727	0.386702	-2.58597	0.913056	0.910359	-1.09522	?	?	0.469502	1.85919	1.85919	?	?	?	?	0.0953882	4.89691	4.89691	0.475756	1.84235	1.84235	1.32103	9.31827	7.05378	1
cg07052390	KSFMB	0.371

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(3 vs.1477)	p-value(3537 vs. N)	Fold-Change(3 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg14526021	CUX1;CUX1;CUX1	0.372319	0.164775	3.05312	3.05312	0.0318283	6.73122	6.73122	0.431106	1.8316	1.8316	0.472882	1.75277	1.75277	0.584531	0.659765	-1.51569	0.428631	1.83783	1.83783	0.970601	1.02814	1.02814	0.219411	2.64496	2.64496	0.913852	0.921732	-1.08491	1.72255	11.4318	7.98524	1
cg12092220	RP7;MIR302C	0.37232	0.151629	0.53132	-1.88095	0.83126	1.09182	1.09182	0.324864	1.51971	1.51971	0.821132	0.97091	-1.09771	0.179896	0.556368	-1.79737	0.238437	0.60151	-1.66248	0.282555	1.58356	1.58356	0.251292	1.63791	1.63791	0.926588	0.96821	-1.03646	1.22554	3.4548	2.38576	1
cg16270091	QRICH1;QRICH1	0.37325	0.680994	1.08995	1.08995	0.141692	1.38931	1.38931	0.462601	1.16836	1.16836	0.254663	0.780753	-1.28082	0.673212	1.09226	1.09226	1.09226	0.308748	0.803151	-1.2445	0.812344	0.668832	-1.49514	0.952606	0.987785	-1.01237	0.821045	1.04828	1.04828	1.27253	0.872708	0.609604	1
cg20580177	LRFN3	0.37325	0.126937	0.487923	-2.0495	0.453195	0.717367	-1.39399	0.504003	1.34281	1.34281	0.847533	0.919732	-1.08727	0.505211	0.463235	-2.15873	0.852355	0.922152	-1.08442	0.0500571	0.378603	-2.64129	0.536036	0.761549	-1.31311	0.665169	0.827553	-1.20838	1.27253	3.80834	2.66021	1
cg03910940	ZNF420	0.37343	0.490656	1.10363	1.10363	0.576329	1.08449	1.08449	0.319473	1.15931	1.15931	0.840392	1.0294	1.0294	0.545799	1.09182	1.09182	1.09182	0.31734	0.967303	-1.0338	0.868529	0.746339	-1.33987	0.456752	0.890817	-1.11505	0.121649	1.27266	1.27266	1.27249	0.416101	0.290664	1
cg05072774	C3orf54	0.37345	0.398229	1.12208	1.12208	0.15817	1.22253	1.22253	0.371172	0.884894	-1.13008	0.0456748	1.35681	1.35681	0.305123	1.15191	1.15191	1.15191	0.50671	1.00476	1.00476	0.563246	1.08093	1.08093	0.683889	0.946943	-1.05603	0.717758	0.952809	-1.04953	1.27248	0.357428	0.24968	1
cg07778897	NFIC	0.37348	0.254988	1.54566	-1.83944	0.0718304	2.75451	2.75451	0.0136844	1.03684	-1.03684	0.444018	0.672364	-1.48454	0.558853	0.740153	-1.3503	0.123924	0.429005	-2.32977	0.567491	0.757174	-1.3207	0.605475	1.30784	1.30784	0.763274	1.16582	1.16582	1.27248	5.19325	3.63194	1
cg08749917	RTP1	0.37349	0.96329	0.974847	-1.0258	0.974823	0.333373	-2.99965	0.403082	0.65077	1.06577	0.157539	2.30834	2.30834	0.511111	0.69149	-1.44615	0.413731	0.629716	-1.58802	0.266398	0.526791	-1.89829	0.392154	0.615551	-1.62436	0.924082	1.05417	1.05417	1.27247	6.1741	4.31293	1
cg26289980	LOC102772228;CKorf40B	0.37349	0.21988	0.583428	-1.71401	0.478486	1.35118	1.35118	0.609231	1.2403	1.2403	0.119112	2.02693	2.02693	0.872971	1.06912	1.06912	1.06912	0.0982145	0.468795	-2.13313	0.94311	0.97063	-1.03026	0.364509	1.47583	1.47583	0.593462	1.25241	1.25241	1.27247	3.51623	2.45627	1
cg01475744	C3orf39	0.37349	0.47891	1.07853	-1.07853	0.478657	0.59551	-1.06132	0.359956	1.77451	1.77451	0.951128	1.74952	1.74952	0.514422	0.634822	-1.57602	0.396463	0.539824	-1.85288	0.311917	0.434656	2.30021	0.434656	0.386303	-2.52332	0.767437	1.17322	1.17322	1.27247	5.84806	4.08518	1
cg12807532	ZMIZ1;LOC283050;LOC283050;LOC283	0.37235	0.619204	1.30967	1.30967	0.515102	1.42291	1.42291	0.934095	0.958856	-1.04509	0.0339905	0.25861	-3.86683	0.116133	0.397573	-2.51526	0.940562	1.04057	-1.04057	0.995497	1.00301	1.00301	0.621063	0.766412	-1.30478	0.555208	0.737051	-1.37542	1.30138	5.73702	3.42876	1
cg20165402	HIVEP3;HIVEP3	0.37235	0.224102	0.454612	-2.19968	0.316381	1.89531	1.89531	0.451686	1.60529	1.60529	0.229165	0.4589	-2.17912	0.0886724	0.313733	-3.18743	0.538095	0.680585	-1.46932	0.791271	0.848973	-1.17789	0.200696	0.434206	-2.30305	0.373681	0.569115	-1.75711	1.27247	7.67848	5.36383	1
cg09448314	KIAA0195	0.37235	0.173046	0.689441	-1.45045	0.132377	0.659146	0.0701723	0.594981	-1.6807	-1.6807	0.224246	1.38743	1.38743	0.164182	1.01419	1.01419	0.588843	0.869388	-1.15023	0.92559	1.02425	1.02425	0.661207	0.893053	-1.11975	0.766912	0.926593	-1.07922	1.27246	1.32576	0.92612	1
cg01554580	KIF9;KIF9;KIF9;KIF9;KIF9;KLHL18;KIF9;KIF9	0.37356	0.311877	0.788789	-1.35357	0.502224	0.857383	-1.16634	0.960561	1.0111	1.0111	0.185166	0.655895	-1.50174	0.107171	0.601015	-1.66344	0.317555	0.74758	-1.34847	0.255387	0.709321	-1.41002	0.806389	0.931409	-1.07364	0.145346	1.57222	1.57222	1.27246	1.87857	1.17887	1
cg08022543	ZDHHC19	0.37369	0.914202	1.0373	1.0373	0.421539	1.32182	1.32182	0.94858	0.978322	-1.02216	0.741828	0.893741	-1.11889	0.0809425	0.518093	-1.93015	0.707999	1.13639	1.13639	0.54112	0.810399	-1.23396	0.120575	1.77204	1.77204	0.193793	1.59554	1.59554	1.27243	2.32708	1.62565	1
cg20447972	C1orf56	0.37372	0.250785	0.576294	-1.47887	0.718308	1.12537	1.12537	0.51374	0.885789	-1.24102	0.954533	1.02677	1.02677	0.918727	0.763824	-1.3092	0.945264	0.472839	-2.11469	0.60548	1.18519	1.18519	0.403753	1.32126	1.32126	0.198862	0.642394	1.55668	1.27242	2.14255	1.48625	1
cg05042080	TMEM74;TMEM74	0.37379	0.852047	1.0689	1.0689	0.740605	0.224559	-1.22459	0.0955442	0.196562	1.26861	0.0178591	0.147297	-1.84575	0.0885611	0.208745	-1.02786	0.102837	1.26861	1.26861	0.302854	1.2044	1.2044	0.898744	1.02243	1.02243	0.788449	1.04798	1.04798	1.2724	0.611909	0.427474	1
cg15416681	ZNF496	0.37238	0.721801	0.917312	-1.09014	0.7424	1.08288	1.08288	0.910467	1.02753	1.02753	0.964007	0.989166	-1.01095	0.594379	1.13854	1.13854	0.516827	0.85328	-1.17195	0.0199158	0.507447	-1.97065	0.199525	0.72093	-1.3871	0.958207	0.987429	-1.01273	1.2724	1.17441	0.820437	1
cg01287975	TAC1;TAC1;TAC1;TAC1	0.37396	0.278099	1.75105	1.75105	0.948153	2.24823	2.24823	0.239264	2.24135	2.24135	0.494215	0.899029	0.857885	-1.16566	0.343288	-2.91374	0.610014	0.547111	-1.82739	0.822307	0.760299	-1.31574	0.0366622	1.17265	1.17265	0.75283	1.44885	1.44885	1.27236	27.6993	19.3512	1
cg12186981	OR2AG1	0.3724	0.922857	0.930603	-1.07457	0.737595	0.779045	-1.28362	0.844885	0.864631	-1.15656	0.959793	1.09874	1.03814	0.638047	1.36001	1.36001	0.854416	0.872503	-1.14613	0.0199952	0.84238	0.361895	0.498619	-2.00554	0.452933	0.566797	-1.7643	1.27235	11.1111	7.76242	1
cg09908001	MX2	0.37407	0.366822	0.802095	-1.24674	0.437319	1.20741	1.20741	0.482647	0.843893	-1.18498	0.857951	1.04354	1.04354	0.550202	0.866067	-1.15464	0.0893696	1.56136	1.56136	0.0850312	1.573	1.573	0.529651	1.16354	1.16354	0.687663	0.908342	-1.10091	1.27233	1.14021	0.796581	1
cg09214456	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2	0.37422	0.262464	2.58656	2.58656	0.0892016	4.59273	4.59273	0.91969	0.921246	-1.08549	0.965998	0.965923	-1.03528	0.0949782	0.242436	-4.44769	0.748136	0.76948	-1.29958	0.738063	1.33189	1.33189	0.327916	2.27364	2.27364	0.42805	1.93115	1.93115	1.2723	13.3309	9.31359	1
cg02311378	ZNF682;ZNF682	0.37423	0.0750487	0.702004	-1.42407	0.220827	0.797606	-1.25376	0.188838	0.780574	-1.28177	0.360413	1.18255	1.18255	0.0172004	0.56516	-1.76966	0.928383	1.02636	1.02636	0.708833	0.935293	-1.06918	0.418751	1.15126	1.15126	0.428403	1.15505	1.15505	1.27229	0.640833	0.447718	1
cg22937788	MRAP;MRAP	0.37427	0.834454	1.06454	1.06454	0.180879	0.654064	-1.5289	0.525981	0.825285	-1.2117	0.578102	1.18281	1.18281	0.408929	1.2871	1.2871	0.287161	1.39134	1.39134	0.118782	1.65863	1.65863	0.825896	0.936286	-1.06805	0.176281	0.650575	-1.53669	1.27229	1.79947	1.25721	1
cg15309223	TMEM59;C1orf83;TMEM59	0.37428	0.759583	1.05867	1.05867	0.903789	0.777773	1.28466	0.388354	0.744423	1.34331	0.0756645	0.944088	1.05922	0.0725668	0.683078	-1.45058	0.860094	0.969865	-1.03107	0.429968	0.851009	1.17443	0.633807	0.940423	1.06311	0.859413	1.4847	1.4847	1.27228	0.605084	0.485625	1
cg26720436	MMD2;MMD2	0.37429	0.842805	0.9616	1.0616	0.77151	0.91607	-1.09162	0.760345	0.91201	-1.09648	0.134976	0.615094	-1.62577	0.578185	0.844423	-1.18424	0.0651444	0.536131	-1.86521	0.250724	1.43521	1.43521	0.218905	0.677548	-1.47591	0.675344	1.1352	1.1352	1.27228	1.82628	1.27595	1
cg15633699	LOC441869;LOC441869: EEF1D;EEF1D;EEF1D;EEF1D;EEF1D;EEF	0.37244	0.95632	0.968038	-1.03302	0.961035	1.0294	1.0294	0.240728	0.482679	-2.07177	0.556703	1.42268	1.42268	0.590853	1.37969	1.37969	0.625539	0.747006	-1.33868	0.0587036	1.54811	1.54811	0.959258	0.970158	-1.03076	0.0966238	2.94982	2.94982	1.27225	7.08707	4.95154	1
cg17774960	1D;EF1D	0.37243	0.351441	0.461033	-2.16904	0.387992	0.48949	-2.04294	0.364359	2.12253	2.12253	0.983726	0.983669	-1.0166	0.1703	0.307542	-3.25159	0.389456	0.490622	-2.03823	0.0516948	0.167309	-5.97695	0.509458	1.71654	1.71654	0.455996	0.541716	-1.84599	1.27225	13.1359	9.17771	1
cg26546459	TGOLN2	0.37243	0.100726	0.473339	-2.11376	0.137039	0.456567	-2.19067	0.167822	2.18255	2.18255	0.0796357	0.376372	-2.66517	0.139012	0.328318	-3.04681	0.178305	0.410655	-2.43511	0.0863126	0.0843885	-11.8548	0.0844955	1.22141	1.22141	0.368099	0.849639	-1.17697	1.27223	0.627604	0.438498	1
cg09264782	C10orf11	0.37242	0.156134	0.558816	-1.7895	0.0387891	0.39941	-2.5037	0.231299	0.617799	-1.61865	0.80334	0.908732	-1.10043	0.437477	0.738008	1.355	0.436317	0.737417	-1.35608	0.4009944	0.719094	-1.39064	0.146611	0.550126	-1.81777	0.711555	1.15311	1.15311	1.27223	2.96434	2.07115	1
cg22521269	KCNK10	0.37242	0.984509	1.00681	1.00681	0.222573	1.56494	1.56494	0.470674	1.29228	1.29228	0.403262	0.741674	-1.3483	0.0541	0.146421	2.14647	0.463393	1.29794	1.29794	0.70407	0.873642	-1.14463	0.288302	1.46986	1.46986	0.156002	1.69943	1.69943	1.27223	2.45978	1.71862	1
cg23773266	NLGN4X;NLGN4X	0.37245	0.0833631	0.765572	-1.30617	0.374487	1.16095	1.16095	0.974497	1.06091	1.06091	0.826845	0.953388	-1.04834	0.153874	1.38956	1.38956	0.314364	0.798861	-1.25178	0.164491	0.726435	-1.37658	0.445793	1.18232	1.18232	0.908636	0.975565	-1.02505	0.893831	1.02919	1.02919	0.935622	0.653721	1
cg18159654	NHS	0.37473	0.0910198	0.235407	-4.24797	0.429906	0.534697	-1.87022	0.340253	0.465962	-2.1461	0.198018	2.87801	2.87801	0.36427	0.484619	-2.06348	0.154836	0.306339	-3.26436	0.652647	0.703259	-1.42195	0.756334	1.2736	1.2736	0.585489	1.53404	1.53404	1.27218	12.1639	8.49908	1
cg08287637	NAV2;NAV2;NAV2	0.37475	0.152288	0.70576	-1.41715	0.0902007	0.598388	-1.6138	0.817655	0.622576	-1.60592	0.728234	1.34449	1.34449	0.0459818	0.482077	-2.2177	0.825729	0.62618	-1.59702	0.728266	1.33831	1.33831	0.255393	1.5147	1.5147	0.192609	1.21722	1.21722	1.27217	2.44354	1.70734	1
cg22991992	TACC1;TACC1;TACC1	0.37478	0.645736	0.870048	-1.14936	0.1063578	0.588638	-1.69884	0.527454	0.824055	-1.21233	0.814846	0.779859	-1.28228	0.563563	0.839893	-1.19063	0.681325	1.13222	1.13222	0.708567	0.79969	0.80322	0.77798	1.07798	1.07798	0.354325	1.33187	1.33187	1.27216	1.82236	1.27332	1
cg21676780	BAHCC1	0.37478	0.303743	1.23661	1.23661	0.444241	0.85598	-1.16825	0.396597	1.18896	1.18896	0.552733	0.887149	-1.12721	0.163939	1.34467	1.34467	0.455025	1.16383	1.16383	0.0562215	1.53896	1.53896	0.699678	0.925627	-1.08035	0.679358	0.92047	-1.0864	1.27216	0.800945	0.55964	1
cg13485062	CDRT15	0.37483	0.0542409	0.714209	-1.40045	0.131328	1.1338	1.1338	0.815315	0.602576	-1.66001	0.716103	1.27446	1.27446	0.0945818	0.402723	-2.48355	0.737719	0.810597	-1.23366	0.766685	1.17505	1.17505	0.985701	1.10126	1.10126	0.516217	0.662814	1.50872	1.27215	1.78648	1.25458	1
cg27280857	PDDN	0.37491	0.214132	2.29903	-3.34415	0.512689	0.541828	-1.8456	0.553998	0.575502	-1.77761	0.460955	0.457047	-2.18796	0.0550704	0.134316	-7.44516	0.370619	0.42803	-2.33629	0.0939734	0.182741	-5.47221	0.155605	0.206236	-4.84882	0.206684	0.292519	-3.41858	1.27213	17.1638	11.993	1
cg00552398	PTPN21	0.37492	0.844322	0.90402	-1.10625	0.7482	1.14582	1.14582	0.605928	0.835624	-1.1654	0.627793	1.33032	1.33032	0.862865	0.902017	-1.10842	0.638207	0.612126	-1.63402	0.602441	1.80284	1.80284	0.387956	1.52363	1.52363	0.571025	1.14841	1.14841	1.27212	0.884307	0.655964	1
cg24560920	FKBP7;FKBP7;PLEKHA3;MIR548N	0.37499	0.140176	0.632169	-1.58186	0.566523	0.845844	-1.18225	0.555836	0.841847	-1.18786	0.963547	1.01329	1.01329	0.984271	0.99432	-1.00571	0.355018	0.75962	-1.31645	0.0692468	1.79921	1.79921	0.261699	1.40243	1.40243	0.756797	0.914146	-1.09392	1.27211	1.68229	1.1755	1
cg24362812	FAM158B	0.37503	0.146741	1.45812	1.45812	0.160238	0.771525	-1.29698	0.383854	1.31152	1.31152	0.761798	0.97615	-1.02455	0.889599	1.02723	-1.03498	0.868603	1.31123	1.31123	0.307477	1.25102	1.25102	0.133992	1.27059	1.27059	0.72121	1.19483	1.19483	1.27209	0.694895	0.484925	1
cg13782322	SEMA4B;SEMA4B	0.37524	0.520239	1.53371	1.53371	0.23663	2.24767	2.24767	0.278105	1.26061	2.0961	0.136897	1.76576	1.76576	0.0737923	0.811274	-1.23264	0.0812037	1.31572	-1.10593	0.441371	0.597402	-1.6791	0.113174	0.87041	-1.14929	0.922822	1.06565	1.06565	1.27208	8.67522	6.06198	1
cg20227213	GOLGA4	0.37519	0.308378	1.23713	1.23713	0.88449	0.971085	-1.02978	0.0539503	1.55517	1.55517	0.989475	1.00267	1.00267	0.103411	1.43261	1.43261	0.0850846	1.46855	1.46855	0.799245	1.05278	1.05278	0.708212	1.07884	1.07884	0.66154	1.09299	1.09299	1.27207	0.820726	0.573503	1
cg01561194	ADAM32	0.37525	0.129194	1.38025	1.38025	0.625587	0.791466	-1.36712	0.462183	1.64208	1.64208	0.612703	1.64003	1.64003	0.664369	1.07994	1.07994	0.503547	1.38743	1.38743	0.0705964	1.28184	1.28184	0.548	1.22002	1.22002	0.440041	1.20947	1.20947	1.27206	0.813688	0.591357	1
cg18465072	SUZ12	0.37524	0.402446	1.3533	1.3533	0.948942	0.977643	-1.02287	0.0331473	2.40939	2.40939	0.832585	0.927984	-1.07761	0.708289	0.875721	-1.14192	0.139259	1.75392	1.75392	0.305089	1.45423	1.45423	0.333067	1.42268	1.42268	0.874106	0.945552	-1.05758	1.27205	2.51159	1.75506	1
cg05851721	C4orf9;FLCN;FLCN	0.37524	0.372846	1.80326	1.80326	0.447307	0.604577	-1.64561	0.993581	1.00137	1.00137	0.139166	2.78341	2.78341	0.252572	0.463667	-2.15672	0.124145	2.94496	2.94496	0.159019	2.63286	2.63286	0.669967	1.31748	1.31748	0.683612	1.3015	1.3015	1.27205	8.33281	5.82285	1
cg01249910	SHB;SAT2;SHB6	0.37528	0.884619	1.08581	1.08581	0.936423	1.0092	1.0092	0.203328	1.14679	1.14679	0.132359	1.12332	1.12332	0.354417	1.2192	1.2192	0.228722	1.15607	1.15607	0.0827582	1.27175	1.27175	0.440509	1.09451	1.09451	0.201709	1.1674	1.1674	1.27204	0.865605	0.585552	1
cg12736937	ZFP41;ZFP41	0.37541	0.32186	1.57853	1.57853	0.0810614	2.40051	2.40051	0.0852922	2.35767	2.35767	0.582917	1.27955	1.27955	0.982947	1.00953	1.00953	0.210678	1.80419	1.80419	0.962964	0.979602	-1.02082	0.539331	0.758549	-1.31831	0.552071	0.765304	-1.30667	1.30389	3.97317	2.37548	1
cg20072391	MLPH;MLPH	0.37547	0.378467	1.75309	1.75309	0.7482	1.24748	1.24748	0.492859	0.845624	1.21218	0.147796	0.802403	1.24558	0.0745881	0.732453	-1.36526	0.207575	1.44499	1.44499	0.225479	0.72445	0.482855	-2.07102	0.243183	0.478299	-2.11105	0.133818	0.847272	1.27201	0.54167	0.34982	1
cg18453904	ALCAM	0.37546	0.271999	1.16605	1.16605	0.481884	0.908431	-1.1008	0.521059	1.09132	1.09132	0.508962	1.09419	1.09419	0.150198	0.81284	-1.23025	0.726937	0.953991	-1.04823	0.316375	0.870082	-1.14932	0.389913	0.888369	-1.12566	0.131682	1.24437	1.24437	1.272	0.363633	0.254111	1
cg06900776	ARMCX5;ARMCX5;ARMCX5	0.37553	0.200534	0.398833	-2.50723	0.0501817	0.231165	-4.56277	0.318809	0.49637	-2.01462	0.428875	1.7316	1.7316	0.614887	1.41181	1.41181	0.210005	0.407421	-2.45446	0.354344	0.5232	-1.91131	0.949305	0.957005	-1.04417	0.965849	1.00354	1.00354	1.27198	0.93752	0.65039	1
cg21589280	DDAH1;DDAH1	0.37556	0.891057	1.01594	1.01594	0.512337	1.07971	1.07971	0.685711	1.04807	1.04807	0.328866	0.890208	-1.12333	0.204605	1.16705	1.16705	0.0904276	0.806289	-1.24025	0.111358	0.819575	-1.22014	0.740937	0.962434	-1.03903	0.787064	0.969236	-1.03174	1.27198	0.268306	0.187499	1
cg09809246	FOXO1	0.37557	0.916496	1.02753	1.02753	0.313398	1.30998	1.30998	0.713754	0.909003	-1.10011	0.859702	0.955218	-1.04688	0.709443	1.10178	1.10178	0.173319	0.687156	-1.45527	0.0287885	0.512866	-1.94983	0.833558	0.946965	-1.05601	0.60059	0.872144	-1.1466	1.27197	1.35096	0.944084	1
cg00685507	TSNAXIP1	0.37559	0.721904	1.14028	1.14028	0.625587	0.791466	-1.36712	0.462183	1.64208	1.64208	0.612703	1.64003	1.64003	0.664369	1.07994	1.07994	0.503547	1.38743	1.38743	0.0705964	1.28184	1.28184	0.548	1.22002	1.22002	0.440041	1.20947	1.20947	1.27206	0.813688	0.591357	1
cg16575104	CMBL	0.37577	0.408336	0.73445	-1.36156	0.551325	0.802542	-1.24604	0.798475	0.910856	-1.09787	0.571004	1.23239	1.23239	0.0758995	0.486312	-2.05629	0.88859	1.05248	1.05248	0.113665	0.583953	-1.71247	0.143336	0.563305	-1.77524	0.179293	0.68292	1.18497	1.27197	0.946789	0.743955	1
cg04678989	ACTN4	0.37585	0.285981	1.34525	1.34525	0.748506	1.26	1.26	0.504559	1.14559	1.14559	0.157222	0.954359	1.03444	0.484019	1.06309	1.06309	0.803818	0.910006	-1.09866	0.364559	0.843797	1.18585	0.431797	1.14176	1.14176	0.875284	1.17284	1.17284	1.27195	1.44797	1.02385	1
cg26308856	KANK2	0.37586	0.246561	0.623537	-1.60375	0.442968	1.35652	1.35652	0.448789	1.35107	1.35107	0.0902363	0.482975	-2.0705	0.676037	0.848893	1.178	0.263978	0.635154	-1.57442	0.410899	1.38789	1.38789	0.175241	0.570098	-1.75408	0.754634	1.88496	1.13	1.27191	3.06099	2.13921	1
cg26683316	C17orf37	0.37607	0.189253	1.95891	1.95891	0.755322	0.859725	-1.16316	0.884606	1.07309	1.07309	0.716706	0.838459	-1.19266	0.0507489	0.293445	2.93445	0.229156	0.534932	-1.86959	0.0995	0.0911954	10.9652	0.0911954	0.19251	5.19482	0.0962294	0.0962294	1.20375	1.20375	1.26785	4.17247	3.29098	1
cg23351327	PRKAG2;PRKAG2	0.37607	0.24553	0.48872	-2.04555	0.61916	1.09993	1.09993	0.839407	0.927705	-1.08053	0.722328	0.544783	-1.83559	0.0154222	0.370542	-2.70004	0.0778526	0.415824	-2.40449	0.0975409	0.0998188	10.0183	0.0998188	0.0539953	18.5169	0.0718219	0.0718219	1.25615	1.25615	1.26266	1.26266	0.95242	1
cg05924780	LPAR5	0.37614	0.300205	0.597807	-1.67278	0.635411	1.2572	1.2572	0.93302	1.04111	1.04111	0.473072	0.704885	-1.41867	0.12149	0.447289	-2.23569	0.213591	0.533856	-1.87316	0.0645982	0.360787	-2.70426	0.221202	0.539953	-1.85201	0.224123	0.542263	-1.84412	1.27184	4.62612	3.2232	1
cg23457268	TOLLIP	0.37615	0.30946	0.468697	-2.13357	0.237719	0.11772	-2.11772	0.309928	1.3319	2.1319	0.520669	1.59854	1.59854	0.204089	0.377306	-2.64789	0.150606	0.329626	-3.03374	0.128265	0.402619	2.48507	0.402619	0.340502	-2.9292	0.158591	0.505641	-1.97418	0.27183	0.4562	0.32395	1
cg06233111	TELO2	0.37618	0.944133	0.02771	1.02271	0.480641	0.79478	-1.25821	0.219055	1.51305	1.51305	0.133227	0.595139	-1.68028	0.291048	1.42053	1.42053	0.152348	1.63428	1.63428	0.212663	1.52278	1.52278	0.867241	0.947809	-1.05507	0.747438	1.10906	1.10906	1.27183	2.06764	1.44509	1
cg03999361	DHDH	0.37623	0.973073	0.992817	-1.00724	0.581621	1.12622	1.12622	0.328532	1.24036	1.24036	0.06288	0.639568

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2317 vs. N)	Fold-Change(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4377 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 4377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 4377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 4377 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg01818648	GTF2I2	0.372933	0.66795	0.684874	-1.43931	0.607827	0.645208	-1.54749	0.43784	1.94652	1.94652	0.974316	1.02753	1.027553	0.171366	1.292744	-3.41595		0.559936	1.65706	1.65706	0.0267982	0.10938	-9.14243	0.664203	0.691804	-1.4455	0.802826	0.809739	-1.23497	1.27107	14.3247	10.0176	1
cg17243574	OG;MOG;MOG;MOG;MOG	0.372931	0.114651	1.86598	3.65598	0.169711	2.98846	2.98846	0.680841	1.38535	1.38535	0.159235	3.27274	3.27274	0.487671	1.74318	1.74318		0.766891	1.26402	1.26402	0.188443	2.99898	2.99898	0.0595252	5.34486	5.34486	0.18492	3.02873	3.02873	1.27107	12.504	8.74426	1
cg25491987	QTRT1	0.372954	0.548476	0.920087	-1.08585	0.160753	1.228151	1.228151	0.515762	1.0496	1.0496	0.962589	0.993587	-1.00645	0.307604	0.865158	-1.15586		0.501152	0.910596	-1.09818	0.122722	2.095007	-1.25785	0.391375	0.406511	-1.12802	0.228002	1.18955	1.18955	1.27102	0.378767	0.264891	1
cg08021833	PRR22;DUS3L;DUS3L;PRR22 RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;	0.372961	0.695869	1.11522	1.11522	0.0545113	1.832222	1.832222	0.799468	0.931778	-1.07322	2.002111	1.45332	1.45332	0.776437	1.08223	1.08223		0.985871	0.995097	-1.00493	0.0559569	1.82397	1.82397	0.786535	0.92742	-1.07826	0.879151	1.03414	1.03414	1.27101	1.55107	1.08475	1
cg02102332	RAPGEF6;RAPGEF6	0.372965	0.315053	1.85378	1.85378	0.478009	1.53508	1.53508	0.465604	1.55453	1.55453	0.14365	2.54345	2.54345	0.125666	0.373585	-2.67677		0.245009	2.05959	2.05959	0.149523	2.50454	2.50454	0.509283	1.48847	1.48847	0.701666	1.25694	1.25694	1.271	7.10554	4.96936	1
cg21744973	FAM48B2	0.372967	0.970653	0.984852	-1.01538	0.392847	1.457391	1.457391	0.851456	0.925167	-1.08089	0.601343	1.24449	1.24449	0.731953	0.436474	-2.29109		0.31948	1.54118	1.54118	0.919157	1.04302	1.04302	0.67309	1.19253	1.19253	0.0941192	0.465954	-2.14613	1.27099	3.46542	2.4236	1
cg18855466	ATS2L	0.372972	0.899539	0.8178	-1.22279	0.301333	5.62438	5.62438	0.542736	2.67868	2.67868	?	?	?	?	0.593821	0.423174	-2.3631		0.709482	1.81637	1.81637	0.342318	4.82934	4.82934	0.0519948	0.0248837	-40.1869	0.629666	0.46036	-2.17221	1.33399	45.3445	25.4937	1
cg00111948	MAP3K6 LRRC27;LRRC27;LRRC27;LRRC27;LRRC2	0.372987	0.305245	1.60249	-2.7774	0.471365	0.695445	-1.43793	0.732072	0.837011	-1.19473	0.237455	?	0.541447	-1.8469	0.341992	0.615458	-1.02481		0.133849	0.448663	-2.22884	0.130808	0.444851	-2.24794	0.972028	0.512844	-1.94991	0.655099	1.24967	1.24967	1.27094	4.94651	3.45955	1
cg25076597	?	0.372988	0.0448007	0.115476	-8.65984	?	?	?	?	0.288581	0.356358	-2.80333	0.790634	0.779174	-1.28341	0.283619	0.351823	-2.84234		0.276052	0.345586	-2.89363	0.160948	0.246569	-4.07117	0.175265	0.258785	-3.86422	0.738469	0.730355	-1.3692	1.26692	15.6843	12.3799	1
cg08432013	DLG2;DLG2;DLG2;DLG2	0.372994	0.472455	1.84299	1.84299	0.0254223	9.22864	9.228864	0.247868	2.74745	2.74745	0.380323	2.12307	2.12307	0.376064	2.13821	2.13821		0.572194	0.619627	-1.61387	0.589592	1.57712	1.57712	0.507139	1.75593	1.75593	0.200176	3.10225	3.10225	1.27093	14.0879	9.85311	1
cg26009035	CHCHD5	0.373	0.447291	0.867481	-1.15276	0.386716	0.849714	-1.17687	0.0842009	0.704231	-1.41999	0.191586	1.28885	1.28885	0.221824	1.02759	1.02759		0.819287	0.958868	-1.0429	0.435526	0.86414	-1.15722	0.812669	1.04454	0.176344	1.30191	1.30191	1.27091	0.6780888	0.474261	1
cg23466166	PTK2;PTK2	0.373004	0.580066	1.79454	1.25861	0.277767	1.59131	1.59131	0.398928	0.780857	-1.42682	0.888744	1.0538	1.0538	0.494114	0.751443	1.33083		0.0564077	2.42297	2.42297	0.432306	1.4003	1.4003	0.184235	1.78556	1.78556	0.476408	1.3472	1.3472	1.2709	4.0095	2.38493	1
cg14137698	POMT2	0.373026	0.157125	0.404672	-2.47114	0.466155	1.55802	1.55802	0.639562	1.3258	1.3258	0.391726	1.6899	1.6899	0.0979443	0.337742	-2.96084		0.712269	0.803124	-1.24493	0.139695	0.386647	-2.58634	0.73657	1.22369	1.22369	0.503267	0.666207	-1.50104	1.27085	7.1955	5.03285	1
cg06007323	KIAA0232;KIAA0232	0.373034	0.242697	0.82929	-1.20585	0.837136	1.01201	1.01201	0.108704	1.30795	1.30795	0.170729	1.26953	1.25024	0.155963	1.09741	1.09741	1.09547		0.466558	1.12012	1.12012	0.368237	0.838145	-1.19311	0.973708	0.850435	-1.17603	0.974772	1.00485	1.00485	1.27083	0.471788	0.329995	1
cg03757250	TMIG02;TMIG02 PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;P	0.373038	0.368254	0.869663	-1.14987	0.466671	1.11843	1.11843	0.199923	0.81496	-1.22705	0.134433	1.2762	1.2762	0.66368	0.930624	1.07455		0.154049	1.25933	1.25933	0.341181	1.15976	1.15976	0.519485	0.906041	-1.1037	0.85119	1.02879	1.02879	1.27082	0.459572	0.321453	1
cg17034088	PP1R9A	0.37304	0.197908	2.16405	2.16405	0.939049	1.04434	1.04434	0.448932	0.645502	-1.54918	0.576396	1.37735	1.37735	0.898545	1.07504	1.07504		0.0804612	3.00378	3.00378	0.111937	0.374592	-2.66957	0.657064	0.776102	-1.28849	0.962828	1.02679	1.02679	1.27082	6.47665	4.53017	1
cg01717727	ADAMTS16	0.373049	0.0221758	4.48938	4.48938	0.997451	-1.00175	0.698061	1.23799	1.23799	0.350004	0.590479	-1.69354	0.408501	0.629418	-1.58877			0.593768	0.744659	-1.3429	0.784197	0.862896	-1.15889	0.969065	0.978987	-1.02146	0.951541	0.967266	-1.03384	1.27079	6.03589	4.22196	1
cg25309017	ADAMTS19	0.373054	0.27195	0.882514	-1.13315	0.643249	1.0523	1.0523	0.556096	1.08724	1.08724	0.26254	1.66727	1.66727	0.292516	1.32297	1.32297		0.54291	0.934908	-1.06962	0.772143	1.09224	1.09224	0.238035	1.87164	1.87164	0.0562766	2.66648	2.66648	1.27078	0.2403099	0.168154	1
cg17498662	PRCKLE4;TOMM6	0.373056	0.731436	1.12194	1.12194	0.552643	1.22216	1.22216	0.938355	0.9745	-1.02657	0.249189	1.49515	1.49515	0.74203	1.11663	1.11663		0.885337	1.04935	1.04935	0.0223882	0.400998	-2.49378	0.766069	1.10478	1.10478	0.857183	1.06201	1.06201	1.27078	2.24473	1.57015	1
cg13004927	SLC47A1	0.373067	0.0592221	1.93846	1.35856	0.0822118	1.31913	1.31913	0.956916	1.0078	1.0078	0.404383	1.29082	1.29082	0.318323	1.01988	1.01988		0.934253	0.988206	-1.01194	0.85888	1.02592	1.02592	0.786453	1.03982	1.03982	0.378389	1.13878	1.13878	1.27075	0.416162	0.291104	1
cg03732762	OLIG1	0.37069	0.904407	0.971186	-1.02967	0.319309	1.28461	1.28461	0.868564	1.64869	1.64869	0.35533	1.26035	1.26035	0.147004	1.62333	1.62333		0.633932	1.12384	1.12384	0.913798	0.975202	-1.02543	0.495566	0.83256	-1.20111	0.690198	0.907102	-1.10241	1.27075	1.1919	0.833732	1
cg01850202	ACVR2B;LOC100128640	0.373069	0.126572	0.326425	-3.06349	0.363774	1.88186	1.88186	0.349218	1.92094	1.92094	0.678207	0.753783	-1.32664	0.143917	0.345211	-2.89678		0.32488	0.502233	-1.99111	0.207916	0.406776	-2.45836	0.345669	0.517924	-1.93079	0.418295	0.571046	-1.75117	1.27075	9.23599	6.46059	1
cg26112622	PEX10;PEX10	0.373069	0.242697	0.82929	-1.20585	0.837136	1.01201	1.01201	0.108704	1.30795	1.30795	0.170729	1.26953	1.25024	0.155963	1.09741	1.09741	1.09547		0.466558	1.12012	1.12012	0.368237	0.838145	-1.19311	0.973708	0.850435	-1.17603	0.974772	1.00485	1.00485	1.27083	0.471788	0.329995	1
cg26297530	KIAA1543;KIAA1543	0.373072	0.951656	0.960663	-1.04095	0.660042	0.750205	-1.33297	0.0545037	0.237673	-4.20817	0.853285	0.884675	-1.13036	0.913507	0.292088	-3.42362		0.352381	0.530761	-1.88409	0.0703029	0.266219	-3.7563	0.763118	0.822402	-1.21595	0.620694	0.718564	-1.39166	1.27074	8.81757	6.16794	1
cg09778209	ZNF488	0.373078	0.417788	0.837504	-1.19429	0.378276	0.854423	0.854423	0.386124	1.37529	1.37529	0.780675	1.17125	1.17125	?	?	?		0.808047	0.866399	-1.1544	0.0980254	0.358966	-2.78579	0.588482	1.36442	1.36442	0.674881	0.787491	1.28266	1.27084	0.6144557	0.451477	1
cg04865412	ZNF207;ZNF207;ZNF207;MIR632	0.373087	0.992897	0.991048	-1.00903	0.403542	2.42544	2.42544	?	?	?	?	?	?	?	?	?		?	?	?	0.152049	0.186894	-5.35063	0.445215	2.23262	2.23262	1.4122	2.83174	6.2539	1
cg01077267	GIN1	0.373095	0.947131	0.987033	-1.01314	0.270228	1.25351	1.25351	0.277361	1.249	1.249	0.319792	0.816518	-1.22436	0.904029	1.02402	1.02402		0.875671	0.969554	-1.0313	0.0382444	0.623345	-1.60422	0.563814	0.891504	-1.1217	0.712017	0.929624	-1.07577	1.27069	0.7795544	0.545318	1
cg24945462	LOC542852	0.373096	0.13742	1.66253	1.11954	0.119574	1.63311	1.63311	0.684176	1.01526	1.01526	0.612938	0.957635	1.044	0.884216	1.06258	1.06258		0.803508	1.03599	1.03599	0.787417	1.20968	1.20968	0.157187	1.32042	1.32042	0.506494	1.597601	1.63736	1.27068	1.7415	1.21363	1
cg23054883	FZD10	0.373096	0.888847	0.911865	-1.09665	0.120888	3.03566	3.03566	0.116068	3.08588	3.08588	0.902464	1.08409	1.08409	0.591862	0.699723	-1.42914		0.939045	1.05175	1.05175	0.572354	0.686323	-1.45704	0.0673988	0.86578	3.86578	0.484866	1.59728	1.59728	1.27068	8.76014	6.12804	1
cg13373757	CACNA1C;CACNA1C;CACNA1C;CACNA1 C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.373107	0.389429	0.593752	-1.6842	0.0916906	2.99686	2.99686	0.555024	1.42315	1.42315	0.851162	0.894919	-1.11742	0.536977	1.44702	1.44702		0.458585	1.56217	1.56217	0.143791	0.39522	-2.53023	0.454943	1.56805	1.56805	0.312738	0.539467	-1.85368	1.27066	7.03022	4.918	1
cg06512249	GABBR1;GABBR1	0.373111	0.235352	0.333579	-2.99779	0.404864	2.12196	2.12196	0.626679	1.54142	1.54142	0.562338	1.67715	1.67715	0.231244	0.330053	-3.02982		0.2995	0.387062	-2.58357	0.130976	0.237042	-4.21867	0.198485	0.303137	-3.31877	0.245614	0.342326	-2.92119	1.27065	15.6816	10.9702	1
cg22833027	CHRD	0.373112	0.841269	0.952754	-1.04988	0.732156	1.34567	1.34567	0.0855995	2.08684	2.08684	0.210231	1.45853	1.45853	0.0855995	2.08684	-2.92684		0.236485	1.56842	1.56842	0.0855995	2.08684	1.36993	0.0930314	1.41797	1.41797	0.134192	1.7981	1.7981	1.27065	0.2409399	0.168154	1
cg23455837	PTPRN2;PTPRN2;PTPRN2	0.373116	0.33462	0.505493	-1.97827	0.278445	0.461789	-2.16549	0.25031	2.27872	2.27872	0.364216	0.527681	-1.89509	0.174461	0.371442	-2.69221		0.473164	0.606403	-1.64907	0.0744736	0.256035	-3.90571	0.238299	0.42877	-2.33225	0.466109	0.601397	-1.6628	1.27064	9.45923	6.61732	1
cg24389730	MIR152;COPZ2	0.373121	0.177476	0.356989	-2.80121	0.0631062	4.49234	4.49234	0.38104	1.90739	1.90739	0.159893	2.95027	2.95027	0.125832	1.18639	1.18639		0.71924	1.2962	1.2962	0.323153	2.0822	2.0822	0.19152	1.80901	1.80901	0.916603	1.07818	1.07818	1.27062	10.3944	7.2716	1
cg19324023	SHANK3	0.373124	0.589534	1.22954	1.22954	0.357088	2.24525	2.24525	0.0955645	1.74171	1.74171	0.0955645	1.74171	1.74171	0.0955645	1.74171	-1.74171		0.230273	1.60114	1.60114	0.0955645	1.74171	1.74171	0.131904	1.74171	1.74171	0.0955645	1.74171	1.74171	1.27062	0.2409399	0.168154	1
cg26140932	MFSD1;MFSD1	0.373137	0.383276	0.805572	-1.24135	0.170404	0.702538	-1.42341	0.935909	0.98074	-1.01964	0.824869	0.947817	-1.05506	0.0870915	0.633263	-1.57912		0.129798	0.673179	-1.48549	0.206002	1.3807	1.3807	0.61357	0.884142	-1.13104	0.545245	0.862393	-1.15956	1.27058	1.17675	0.823241	1
cg13955851	TRRAP LOC219347;LOC219347;C10orf57;LOC2	0.373145	0.604134	1.16525	1.16525	0.405163	1.91512	1.91512	0.756151	1.56441	1.56441	0.489683	0.585451	-1.70808	0.855703	1.07193	-1.07193		0.536983	1.41284	1.41284	0.242889	0.686078	-2.59688	0.864644	0.982112	-1.01853	0.172916	0.330738	-3.02358	1.27057	11.7154	8.194	1
cg08314791	10427;LOC219347;LOC219347	0.373146	0.363539	0.799437	-1.25088	0.544828	0.863209	-1.15847	0.631366	0.890579	-1.12287	0.671725	1.30759	1.30759	0.142342	0.686132	-1.45745		0.218268	0.793129	-1.36402	0.0399912	0.566073	-1.76656	0.507605	1.17485	1.17485	0.804058	0.942152	-1.0614	1.27057	1.15633	0.808969	1
cg25522312	MAD2L1	0.373146	0.228283	0.83759	-1.1939	0.0574017	1.35152	1.35152	0.564158	1.08514	1.08514	0.534802	0.915671	-1.0921	0.664628	1.06304	1.06304		0.810087	0.966821	-1.03432	0.263777	1.17735	1.17735	0.387619	0.883285	-1.13214	0.461647	1.11074	1.11074	1.27056	0.395262	0.276527	1
cg00166706	KHDRBS1	0.373151	0.315083	0.668417	-1.49607	0.273872	0.64304	-1.55511	0.0842606	2.09738	2.09738	?	?	?	?	0.954078	1.02258	1.02258		0.974219	0.987546	-1.01261	0.147615	1.82666	1.82666	0.571434	1.2481	1.2483	0.97979	0.990225	-1.00987	1.26652	2.68135	2.11711	1
cg24274249	PLEKHS1	0.373155	0.853189	0.952308	-1.04988	0.0843061	0.62322	-1.60448	0.0842606	2.09738	2.09738	0.0842606	1.10237	-1.10237	0.451237	1.20895	1.20895	0.0842606	2.09738	2.09738	0.0842606	2.09738	2.09738	0.0842606	2.09738	2.09738	0.0842606	2.09738	2.09738	1.27056	0.2409399	0.168154	1
cg17299456	MRVI1;MRVI1;MRVI1	0.373153	0.126233	0.215352	-4.64356	0.27164	2.89252	2.89252	0.396256	0.446502	-2.23963	0.300668	0.369576	-2.7058	0.0623295	0.142651	-7.01014		0.575449	0.591455	-1.69074	0.376117	0.430404	-2.3234	0.307222	0.374916	-2.66726	0.654945	0.658693	-1.51816	1.27055	17.3346	12.1275	1
cg20540806	TMC06	0.373154	?	?	?	?	?	?	?	?	?	?	?	?	?	0.371154	2.90027	2.90027	?	?	?	?	?	?	?	?	?	0.693769	2.02274	10.5818	1
cg25778446	GRID2	0.373155	0.0898117	0.125834	-7.94695	0.417292	2.50636	2.50636	0.716227	1.49878	1.49878	0.818249	0.572996	-1.74521	0.0483801	0.0820751	-12.184		0.740948	0.692294	-1.44447	0.488597	0.458472	-2.18116	0.862779	1.21137	1.21137	0.35481	1.348147	-2.87235	1.27054	24.7038	17.2971	1
cg17596577	AFF3;AFF3	0.373158	0.400048	0.797226	-1.25435	0.0491625	0.553927	-1.80529	0.844156	0.949543	-1.05314	0.305082	0.756252	-1.32231	0.279813	0.744119	-1.34387		0.319165	0.76275	-1.31104	0.188909	1.44218	1.44218	0.923233	0.974963	-1.02568	0.590267	0.866757	-1.15373	1.27053	1.39252	0.974233	1
cg09593700	GFRA2;GFRA2;GFRA2	0.373159	0.218388	0.622074	-1.60769	0.637152	1.10932	1.10932	0.182131	1.58509	1.58509	0.598676	0.972519	-1.02796	0.884256	0.631345	-1.58401		0.612317	0.829133	-1.20603	0.419638	0.729229	-1.37116	0.598228	1.12547	1.12547	0.2053	1.2705	1.2705	1.27053	2.7051	1.89268	1
cg20328399	FBXL7	0.373163	0.550343	0.836239	-1.19583	0.583035	1.17831	1.17831	0.0353613	0.484234	-2.06512	0.806398	0.929907	-1.07538	0.932944	0.744094	-1.34392		0.750693	1.10767	1.10767	0.20794	1.48135	1.48135	0.90864	0.965596	-1.03496	0.652866	1.14339	1.14339	1.27052	1.76253	1.23311	1
cg21330976	ANXA2P3	0.373171	0.205885	0.477044	-2.09546	0.113243	0.551317	-1.81384	0.379199	0.662897	-1.50853	0.965271	0.984215	-1.01604	0.314529	0.683806	-1.4624		0.206569	0.614577	-1.62714	0.397521	1.13242	1.13242	0.263167	1.53427	1.53427	0.0506975	0.781906	-1.27893	1.2705	2.58713	1.88001	1
cg08879172	ALKBH6;ALKBH6;C19orf46	0.373172	0.42673	0.707971	-1.41249	0.283135	1.60732	1.60732	0.418652	1.42146	1.42146	0.711331	0.853693	-1.17138	0.25282	0.601529	-1.66243		0.0996823	2.464011	-2.15512	0.526877	1.3137	1.3137	0.146335	0.5150318	-1.94168	0.917764	0.957001	-1.04493	1.2705	3.64398	2.54946	1
cg00804485	ACTB	0.373174	0.383672	0.367573	-1.15264	0.334497	0.853605	-1.1715	0.441742	0.882724	-1.13286	0.652706	0.930497	-1.07469	0.882001	1.0239	1.0239		0.272366	0.83863	-1.19924	0.0541978	0.706471	-1.41549	0.848364	0.698855	-1.43091	0.355653	0.859764	-1.16311	1.2705	0.50887	0.356025	1
cg27558479	MTHFD2;MTHFD2	0.373177	0.849134	0.952308	-1.04988	0.0843061	0.62322	-1.60448	0.0842606	2.09738	2.09738	0.0842606	1.10237	-1.10237	0.451237	1.20895	1.20895	0.0842606	2.09738	2.09738	0.0842606	2.09738	2.09738	0.0842606	2.09738	2.09738	0.0842606	2.09738	2.09738	1.27052	0.2409399	0.168154	1
cg15207091	MINK1;MINK1;MINK1;MINK1	0.373178	0.807592	1.06167	1.06167	0.387001	1.27363	1.27363	0.25968	1.33426	1.33426	0.523108	0.853232	-1.17201	0.0191605	0.556889	-1.79569		0.944178	0.982972	-1.01732	0.383849	1.24483	1.24483	0.575794	0.870536	-1.14872	0.858028	0.957035	-1.04489	1.27049	1.23035	0.846812	1
cg27175085	PABPN1	0.373183	0.614883	0.908949	-1.10997	0.1349032	0.83443	-1.19842	0.183679	0.767224	-1.3034	0.39965	0.85054	-1.17592	0.357654	0.820115	-1.21929		0.142959	0.744058	-1.34359	0.445326	1.1586	1.1586	0.0555456	0.656312	-1.50351	0.298545	0.816841	-1.22423	1.27048	0.709318	0.464273	1
cg17517964	KPO5;POLH	0.373138	0.952113	0.80897	1.00897	0.169735	0.804473	-1.24305	0.550429	1.09403	1.09403	0.674241	0.939049	-1.06491	0.834255	0.969311	-1.03166		0.256814	0.83857	-1.19251	0.0416988	0.705225	-1.41801	0.365382	1.14822	1.14822	0.907988	1.10735	1.10735	1.27048	0.4452661	0.311525	1
cg22796860	MACROD1	0.373185	0.128538	0.72926	0.72926	0.632682	0.571881	-1.74862	0.468443	2.35392	2.35392	0.302238	3.4566	3.4566	0.186346	0.196747	-5.08266		0.197671	0.206086	-4.85235	0.540724	0.487395	-2.05172	0.931599	1.10476	1.10476	0.365453	2.94215	2.94215	1.27047	27.0993	18.9601	1
cg26751623	CDH20;CAND2	0.373186	0.238799	0.813305	-1.22939	0.410243	1.15372	1.15372	0.242525	0.914546	-1.08844	0.622904	1.2192	1.2192	0.188456	0.62345	-1.60393		0.244481	0.831416	-1.20277	0.162686	1.24797	1.24797	0.592265	1.09614	1.09614	0.107266	1.34785	1.34785	1.27047	0.581545	0.405901	1
cg24545940	PPP1R1C	0.373189	0.107693	0.242799	-4.11864	0.360128	0.468304	-2.13537	0.658779	1.43097	1.43097	0.813894	1.20943	1.20943	0.153516	0.291436	-3.43128		0.670037	0.707784	-1.41286	0.0895608	0.22107	-4.52345	0.890398	1.11691	1.11691	0.159917	0.29402	-3.40113	1.27046	13.0827	9.15342	1
cg00180012	LACE1	0.37319	0.391276	0.753784	-1.3562	0.409002	0.881931	-1.13388	0.262477	1.32979	1.32979	0.637893	1.09744	1.09744	0.693864	0.907063	-1.10244		0.737144	0.940333	-1.06343	0.372756	0.767209	-1.30343	0.420004	0.815887	1.15887	0.158872	0.896256	-1.11566	1.27045	2.1739	1.52066	1
cg02969422	KIAA1244	0.373193	0.636265	0.767481	-1.30296	0.743311	1.20027	1.20027	0.217513	2.05587	2.05587	0.755197	1.18975	1.18975	0.336066	0.576361	-1.73502		0.944178	0.982972	-1.01732	0.383849	1.24483	1.24483	0.575794	0.870536	-1.14872	0.858028	0.957035	-1.04489	1.27049	1.23035	0.846812	1
cg18132081	KDM2A;KDM2A;KDM2A	0.373201	0.539783	1.11879	1.11879	0.643441	0.919163	-1.08795	0.626872	0.915222	-1.09263	0.776994	1.05269	1.05269	0.761336	1.05663	1.05663		0.686927	1.07602	1.07602	0.016796	0.589876	-1.69498	0.596015	0.907782	-1.10159	0.581904	0.904331	-1.10579	1.27043	0.6579939	0.460343	1
cg08312793	CSDI3 FBXO2;FBXO44;FBXO44;FBXO44;FBXO4	0.373202	0.402989	0.791554	-1.26329	0.41979	0.545479	-1.83353	0.324204	0.772822	-1.29464	0.297681	0.674653	-1.48222	0.227084	0.442624	-2.26008		0.491583	0.729317	-1.3288	0.145746	0.565859	-1.76723	0.787858	1.00512	1.00512	0.7534	1.12176	1.12176	1.27043	2.62624	1.8711	1
cg17515155	4	0.373209	0.145466	2.59338	2.59338	0.589256	0.717261	-1.39419	0.309524	0.526694	-1.89864	0.633432	1.34032	1.34032	0.788888	0.849073	-1.17776		0.389007	1.71293	1.71293	0.0968803	3.03735	3.03735	0.377038	1.7378	1.7378	0.170909	2.43246	2.43246	1.27041	7.47828	5.23245	1
cg06034255	CHST15	0.373213	0.34695	1.46397	1.46397	0.822445	0.915345	-1.09248	0.559988	1.26107	1.26107	0.66952	1.18409	1.18409	0.0428392

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T 477 vs. N)	p-value(537T vs. N)	Fold-Change(537T 537 vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg06863830	SIX2	0.373494	0.750972	0.924686	0.08145	0.047364	0.597692	-1.6731	0.376771	0.814026	-1.22846	0.634947	0.897175	-1.11461	0.560272	0.67493	-1.14205	0.429319	0.832738	-1.20386	0.175752	1.38626	1.38626	0.633203	0.896666	-1.11524	0.189937	0.729825	1.37019	1.26973	1.03499	0.724552	1
cg05216501	FXYD1;FXYD1	0.3735	0.113977	0.381556	-2.62085	0.439338	0.55573	1.55573	0.51272	1.45064	1.45064	0.710813	0.815655	-1.23205	0.179678	0.449991	-2.22227	0.94713	0.963522	-1.03786	0.143136	0.414067	-2.41507	0.382467	1.65181	1.65181	0.510872	1.45308	1.45308	1.26972	6.31994	4.42019	1
cg25401874	MAP3K12	0.3735	0.586189	0.778509	-1.28451	0.738504	0.858466	-1.16487	0.239835	1.75178	1.75178	0.134736	2.08446	2.08446	0.290088	0.606451	-1.64894	0.389683	0.669307	-1.49408	0.419673	0.686901	-1.45581	0.174874	0.518268	-1.92951	0.476735	1.39036	1.39036	1.26972	4.17224	2.92086	1
cg05998816	PCNT	0.373503	0.118478	0.516021	1.9379	0.72912	1.14522	1.14522	0.583304	0.805526	-1.24142	0.339132	0.682918	-1.46004	0.216278	0.607731	-1.66187	0.77959	0.896266	-1.11574	0.139616	1.85993	1.85993	0.95992	0.990574	-1.01081	0.167443	0.563033	-1.7761	1.26971	3.06433	2.14525	1
cg19325093	CPT1C;CPT1C	0.37351	0.680107	1.06552	1.06552	0.50012	0.900526	-1.11046	0.020813	0.653149	-1.53104	0.535611	0.908437	-1.10079	0.257746	0.834612	-1.19816	0.713682	0.945149	-1.05803	0.422603	0.882154	-1.13359	0.310643	0.851644	-1.1742	0.258901	0.835009	-1.19759	1.26969	0.471222	0.329894	1
cg14086933	CDLE;C10	0.373512	0.509165	0.660911	-1.51306	0.499496	0.654476	-1.52794	0.876723	1.10076	1.10076	0.949114	0.961299	-1.04056	0.599041	0.720284	-1.38834	0.267048	0.489308	-2.0437	0.0135375	0.150088	-6.61868	0.739593	0.813594	-1.22931	0.631543	0.741705	-1.34824	1.26969	7.60868	5.38412	1
cg00563932	PTGDS	0.373515	0.206567	1.82863	1.82863	0.505381	1.35825	1.35825	0.879315	0.933476	-1.07126	0.43288	1.43708	1.43708	0.367514	1.52104	1.52104	0.170345	1.93785	1.93785	0.0857581	2.36402	2.36402	0.0994693	2.2662	2.2662	0.110902	2.19661	2.19661	1.26968	4.12776	2.8898	1
ch.2.2323915R	RUBI1	0.373523	0.068855	0.344168	-2.90556	0.319233	0.524539	-1.9071	0.340386	0.526196	-1.90019	0.3344	0.593618	-1.68459	0.098887	0.387549	-2.58032	0.813262	0.883414	-1.13197	0.0847915	0.3681327	-2.71498	0.760901	0.8859471	0.4859472	-1.16758	0.47173	0.681486	-1.46758	1.26966	5.51813	3.86324	1
cg20939556	CNKSR3	0.373526	0.0301394	0.498646	-2.00541	0.109682	0.621536	-1.60946	0.643734	1.13552	1.13552	0.933136	0.72316	-1.38295	0.0895997	1.51008	1.51008	0.0297505	0.926629	-1.07918	0.914192	0.971014	1.12585	0.712475	0.676745	1.12165	1.12165	0.72965	1.49753	1.04843	1
cg02644491	CBS	0.373529	0.329296	0.554168	-1.80451	0.233349	0.480649	-2.08052	0.946161	0.961178	-1.04039	0.433414	0.625827	-1.59788	0.0818575	0.322879	-3.09713	0.145789	0.400265	-2.49835	0.0705798	0.305819	-3.26991	0.422922	0.618842	-1.61592	0.167917	0.42246	-2.36709	1.26965	6.91234	4.83938	1
cg03434394	PPP3R1;PPP3R1	0.373531	0.258784	0.540244	-1.85102	0.257821	0.525925	-1.90189	0.085137	0.589858	-1.69553	0.174159	0.589858	-1.69553	0.174159	0.589858	-1.69553	0.198684	0.49173	-2.03364	0.200264	0.495576	-2.02603	0.374746	0.621193	-1.60981	0.668154	0.798219	-1.25279	1.26964	5.49176	3.84483	1
cg13396713	VPS53;VPS53	0.373533	0.174497	0.407388	-2.45466	0.74774	1.22216	1.22216	0.0911681	3.17955	3.17955	0.977175	1.01795	1.01795	0.96475	1.03826	-1.71519	0.439671	0.612639	-1.63228	0.13476	0.27249	2.72499	0.891113	0.918369	-1.08889	0.819636	1.15257	1.15257	1.26964	7.77232	5.44415	1
cg07930744	FCGF3	0.373546	0.0612554	1.79938	1.79938	0.248624	1.49229	1.49229	0.145072	1.40731	1.40731	0.411666	1.62701	1.62701	0.205091	1.46132	1.46132	0.720483	1.10622	1.10622	0.188059	1.43978	1.43978	0.694001	0.894857	-1.1175	0.501509	1.21115	1.21115	1.26961	1.58715	1.11121	1
cg00634968	PKHD1;PKHD1	0.373548	0.179268	0.314213	-3.18256	0.306895	0.423846	-2.35935	0.993231	0.99314	-1.00691	0.400705	0.497554	-2.00983	0.072738	0.196095	-5.07628	0.29731	0.416105	-2.40324	0.0838144	0.21168	-4.72411	0.119459	0.253826	-3.93971	0.599912	0.650832	-1.53649	1.2696	13.2416	9.27088	1
cg02247160	CTNNB1;CTNNB1;CTNNB1	0.373553	0.214477	0.540773	-1.8492	0.979362	0.987905	-1.01224	0.122393	2.19792	2.19792	0.871983	1.07881	1.07881	0.226648	0.55038	-1.81693	0.798013	0.886356	-1.12821	0.0966479	0.4240132	-2.63031	0.607332	1.27613	1.27613	0.578336	0.767883	-1.30228	1.26959	4.4494	3.1152	1
cg05152265	PACRGL;PACRGL;PACRGL;PACRGL	0.373555	0.358602	1.42584	1.42584	0.284477	1.57956	1.57956	0.185384	1.69517	1.69517	0.668094	1.57508	1.57508	0.870641	0.940591	-1.06316	0.493443	0.496168	-2.01544	0.319865	0.47152	1.47152	0.474124	1.53366	1.53366	0.69858	2.83978	1.88825	1	
cg14837800	C2orf67	0.373556	0.871343	0.980139	-1.02026	0.210992	1.17717	1.17717	0.273355	1.15153	1.15153	0.586674	1.0703	1.0703	0.391982	1.11466	1.11466	0.833253	1.02644	1.02644	0.0553157	0.764248	-1.30848	0.583924	1.07085	1.07085	0.314236	1.13748	1.13748	1.26958	0.308013	0.215653	1
cg20932053	CPA4	0.373578	0.187279	0.686472	-1.46523	0.140092	1.19307	1.53393	0.91234	0.970795	-1.03008	0.321416	0.759021	-1.31745	0.703234	1.10852	1.10852	0.908798	0.969627	-1.03132	0.0737793	1.70992	1.70992	0.913314	1.01588	1.01588	0.805928	0.959894	1.0685	1.26953	1.45661	1.01988	1
cg20303866	MRPL12	0.373586	0.787008	0.968809	-1.05219	0.379076	1.03977	1.03977	0.653771	0.948537	-1.05425	0.380081	1.10835	1.10835	0.138295	1.24043	1.24043	0.951421	0.992897	-1.00715	0.236078	0.864789	-1.15635	0.406433	1.10448	1.10448	0.0604245	1.28113	1.28113	1.26951	0.275247	0.192723	1
cg04522003	LOC100190938;RAMP2;LOC100190938	0.373588	0.208805	0.641509	-1.55882	0.546024	0.814876	-1.22718	0.0862297	0.529873	-1.88724	0.376219	1.35563	1.35563	0.557116	1.22013	1.22013	0.409745	1.3264	1.3264	0.512044	1.24958	1.24958	0.263134	0.675363	-1.48069	0.563035	1.21767	1.21767	1.26951	2.25722	1.58047	1
cg24915371	PDE6D	0.373591	0.282642	1.2488	1.2488	0.539696	0.883762	-1.13153	0.587474	0.89672	-1.11518	0.914873	1.02151	1.02151	0.570188	1.12097	1.12097	0.729313	1.07158	1.07158	0.128091	0.720807	-1.38733	0.474691	1.15567	1.15567	0.0659612	0.663286	-1.50764	1.2695	0.796352	0.557597	1
cg26350283	PRKCSH;PRKCSH;CCDC151	0.3736	0.530887	1.1091	1.1091	0.75081	1.08518	1.08518	0.312739	1.23739	1.23739	0.214653	1.08459	1.08459	0.344505	1.15215	1.15215	0.133685	1.31545	1.31545	0.0170976	1.00889	1.00889	0.0125112	0.0237154	-1.60991	0.583781	1.1441	1.1441	1.26948	1.1902	0.833377	1
cg06020661	HTR2A;HTR2A	0.373604	0.246152	1.53584	1.53584	0.236975	1.55009	1.55009	0.131507	1.77887	1.77887	0.0652221	2.07978	2.07978	0.416187	1.34175	1.34175	0.0754984	2.01374	2.01374	0.259123	1.51663	1.51663	0.447269	1.31524	1.31524	0.787041	1.10053	1.10053	1.26947	2.51623	1.76188	1
cg27075187	TEAD1;TEAD1	0.373611	0.0445152	0.566294	-1.76587	0.616366	0.882941	-1.13258	0.648472	0.904167	-1.10539	0.401342	0.984607	1.01599	0.970195	1.03069	-1.70511	0.263111	0.95836	-1.04345	0.274618	0.7998	1.25055	0.156468	0.7966	1.25555	0.156468	0.7966	1.25555	0.156468	0.7966	1.25555

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1113 vs. N)	Fold-Change(1113 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
16980106	ZNF230;ZNF230;ZNF23	0.374238	0.234795	0.763051	-1.31242	0.827118	1.04891	1.04891	0.428131	1.93317	1.19317	0.75843	1.08067	1.00667	0.114462	1.4547	1.4547	1.4547	0.927984	0.980458	-1.03993	0.954954	1.60824	1.60824	0.32813	1.24653	0.816495	1.05206	1.05206	1.26795	0.957118	0.670881	1
6225510	OXNAD1	0.374241	0.584076	1.0951	1.0951	0.234697	1.22776	1.22776	0.0632159	1.43084	1.41084	0.644384	1.07958	1.07958	0.219574	1.23697	1.23697	1.23697	0.71812	0.942032	-1.06154	0.736666	1.16119	1.16119	0.410805	1.14861	1.14861	1.059063	1.4207	1.4207	1.26794	0.54496	0.382043	1
10981464	NTRK1;NTRK1;NTRK1	0.374242	0.358665	0.762732	-1.31108	0.62007	1.1542	1.1542	0.302252	0.735893	-1.35889	0.517662	0.828434	-1.2071	0.61604	0.864947	-1.15614	0.919452	1.02945	1.02945	1.04130?2	0.513261	-1.94832	0.850961	1.05546	1.05546	0.197668	1.47808	1.47808	1.26794	1.65357	1.15923	1
16080780	SBNO1;SBNO1	0.374253	0.307047	0.772192	-1.29502	0.983913	1.00497	1.00497	0.673792	0.901666	-1.10906	0.518578	0.852144	-1.17351	0.163419	0.695157	-1.43858	0.939156	0.557994	-1.7924	0.470878	0.83583	-1.19642	0.281594	1.31407	1.31407	0.549772	0.862472	-1.15946	0.76292	1.2003	0.841483	1
02144924	ARHGAP8;PRR5-ARHGAP8;ARHGAP8	0.374262	0.715318	0.74681	-1.33903	0.738453	1.30615	1.30615	0.408153	0.509507	-1.96268	0.818761	0.832827	-1.20073	0.165085	0.142492	-7.01795	0.3439	0.459746	-2.17512	0.110572	0.250121	-3.99807	0.165184	0.307309	-3.25405	0.553647	0.659144	-1.61409	0.76289	1.72559	0.84283	1
07093867	RFFL4B;RFFL4B	0.374292	0.725753	0.912903	-1.09541	0.742888	1.08887	1.08887	0.758268	1.08315	1.08315	0.563795	1.0858853	-1.16299	0.702381	1.10444	1.10444	1.10444	0.249305	1.3709	1.3709	1.3709	1.01724?33	2.11853	2.11853	0.933047	1.02198	1.02198	0.846612	1.05193	1.05193	1.26782	1.34434	0.942538	1
17113147	NXN	0.374294	0.681305	0.8818	-1.13404	0.3622?3	1.33009	1.33009	0.0618465	1.89763	1.89763	0.423609	0.779616	-1.28268	0.280129	0.710347	-1.40776	0.414316	1.28943	1.28943	0.332478	1.35602	1.35602	0.742053	1.10585	1.10585	0.4219	0.778869	-1.28391	1.26782	1.86324	1.30635	1
10462118	QTRT1	0.374297	0.7323	1.20845	1.20845	0.0778648	2.94623	2.94623	0.375911	1.65784	1.65784	0.204271	2.09126	2.09126	0.691321	1.24617	1.24617	1.24617	0.490779	1.47101	1.47101	1.47101	1.12276?	0.997699	-2.51446	0.32431	1.75293	1.75293	0.940932	1.04171	1.04171	1.26781	6.10551	4.28056	1
06495728	BCL6	0.374299	0.147803	0.5616004	-1.78061	0.9956955	1.00201	1.00201	0.320486	1.46434	1.46434	0.67558	0.952205	-1.05026	0.31566	0.70792	-1.41259	0.994047	1.00278	1.00278	0.947734	0.431294	-2.3186	0.455164	0.70943	-1.40957	0.316087	0.826325	-1.21018	1.26781	2.77205	1.94355	1
10078903	HP1BP3	0.374334	0.0884164	0.655631	-1.52525	0.44435	1.19138	1.19138	0.256827	1.30445	1.30445	0.728886	1.08128	1.08128	0.857033	0.960312	-1.04133	0.239403	1.31874	1.31874	0.294358	1.27666	1.27666	0.345518	0.803981	-1.24381	0.552432	0.873736	-1.14451	1.26772	1.01259	0.709997	1
12805593	WDR12;ALS2CR8;ALS2CR8;ALS2CR8	0.374344	0.732677	1.10901	1.10901	0.0733185	0.972222	-1.48539	0.995798	1.30011	1.30011	0.279235	1.40426	1.40426	0.736123	0.902854	-1.10747	0.182266	1.533	1.533	0.0109	0.591205	1.69146	0.551642	1.1996	1.1996	0.597891	0.851606	-1.17425	1.2677	1.82864	1.28221	1
00457523	YWHAG	0.374353	0.573446	1.36446	1.36446	0.438255	0.649259	-1.54022	0.737889	0.829265	-1.20589	0.298225	1.80229	1.80229	0.956548	0.746879	-1.3389	0.889183	1.07914	1.07914	0.252222	1.92203	1.92203	0.0376849	1.73198	1.73198	0.300873	1.79608	1.79608	1.26768	5.99163	4.20129	1
09100746	SPG20;SPG20	0.374355	0.481818	0.567747	-1.76352	0.0392704	0.144684	-6.91162	0.968455	0.480452	-2.08137	0.186291	0.93999	0.93999	0.791715	0.750833	-1.33178	0.468833	0.5572	-1.79469	0.562231	0.628158	-1.59196	0.307585	0.741763	-1.34814	0.633893	1.46335	1.46335	1.26767	12.9422	8.86467	1
26896255	DNM3;DNM3	0.374357	0.29586	1.51075	1.51075	0.487935	0.764735	-1.30764	0.802121	0.908845	-1.1003	0.42848	1.36028	1.36028	0.0964603	2.00311	2.00311	2.00311	0.0503622	2.33744	2.33744	0.353317	1.43839	1.43839	0.889462	0.948443	-1.05436	0.682007	1.16978	1.16978	1.26767	2.90895	2.03976	1
04130131	LOC100133545	0.374366	0.313948	0.569237	-1.75674	0.0823585	0.353048	-2.83248	0.616902	0.44476	-2.2484	0.53897	0.712364	-1.40378	0.189067	0.471054	-2.1229	0.329557	0.580043	-1.72401	0.129072	0.41173	-2.42878	0.0859342	0.358171	-2.79196	0.785914	0.863209	-1.15871	1.26765	5.87718	4.12115	1
08069899	CCND2	0.374369	0.181601	0.802261	-1.24648	0.559257	1.08167	1.08887	0.563594	1.09505	1.09505	0.329717	1.85443	-1.17016	0.80548	1.03099	1.03099	1.03099	0.791715	0.750833	-1.33178	0.468833	0.5572	-1.79469	0.562231	0.628158	-1.59196	0.307585	0.741763	-1.34814	0.633893	1.46335	1.46267	1.26762	1.44662	0.339837	1
18395935	KCNA3	0.374393	0.800715	1.12265	1.12265	0.128638	2.11954	2.11954	0.316714	1.60554	1.60554	0.590415	1.28215	1.28215	0.12943	0.47265	-2.11573	0.243165	1.74828	1.74828	0.230091	1.77883	1.77883	0.541197	0.753575	-1.32701	0.520285	1.34729	1.34729	1.26758	4.20037	2.9455	1
02449497	NCKIPSD;NCKIPSD	0.374401	0.327802	0.753778	-1.33018	0.1433667	1.50352	1.50352	0.124487	1.59968	1.59968	0.657276	1.01525	1.01525	0.0978365	1.67027	1.67027	1.67027	0.995677	0.998471	-1.00153	0.416306	0.799061	-1.25142	0.562325	0.917893	-1.08945	0.745497	0.912111	-1.09636	1.26757	1.60168	1.12319	1
04119538	TDP1	0.374407	0.665316	1.0556	1.0556	0.183177	1.19279	1.19279	0.29792	1.14347	1.14347	0.0914554	1.29577	1.29577	0.229274	1.16971	1.16971	1.16971	0.298394	0.874653	-1.14331	0.650866	0.949651	-1.05824	0.977291	1.00354	1.00354	0.205285	1.18062	1.18062	1.26755	0.309924	0.217139	1
02015465	ESRRB	0.374411	0.760531	0.895541	-1.11664	0.0484811	2.25593	2.25593	0.684487	0.862912	-1.15887	0.175288	1.68238	1.68238	0.262752	1.5241	1.5241	1.5241	0.502963	1.27806	1.27806	1.27806	1.81393	1.81393	0.419877	1.34641	1.34641	0.959717	1.0184	1.0184	1.26754	2.61486	1.83372	1
03147747	SENP5	0.374417	0.751523	1.07001	1.07001	0.0966335	1.07222	-1.0643	0.975796	1.23388	1.23388	0.925669	1.08181	1.08181	0.260069	1.31997	1.31997	1.31997	0.1768	1.39371	1.39371	1.118354	0.67568	-1.47999	0.37824	1.23249	0.144529	1.43381	1.43381	1.26752	1.07325	0.752647	1
06560087	GRPEL2	0.374423	0.560676	1.34165	1.34165	0.283053	0.572814	-1.74577	0.201756	0.509975	-1.96088	0.518811	1.39429	1.39429	0.475976	0.696225	-1.43632	0.412138	0.657769	-1.52029	0.103764	0.441186	-2.26439	0.146004	0.850136	-1.17628	0.0758088	0.372625	-2.68367	1.26751	5.00969	3.51322	1
21853235	TUSC4;CFB561D2	0.374423	0.276648	1.34312	1.34312	0.0154454	1.02369	1.02369	0.780854	1.03352	1.03352	0.105443	1.8214422	-1.2324	0.0139775	1.8240011	1.8240011	1.8240011	0.975585	0.990391	-1.00962	0.506494	1.0842	1.0842	0.541527	0.929608	-1.07572	0.2286444	1.16098	1.16098	1.26751	0.106479	0.0736297	1
09089230	PRPF8	0.37443	0.748135	1.06532	1.06532	0.678449	1.08527	1.08527	0.999136	0.999787	-1.00021	0.797505	1.0518	1.0518	0.506821	0.876093	1.14143	0.644236	1.09564	1.09564	0.0246756	0.591301	-1.69119	0.867071	0.967631	-1.03345	0.249323	1.27056	1.27056	1.26749	0.77446	0.543126	1
01637841	GRM7;GRM7	0.374431	0.0818258	0.674286	-1.48305	0.617999	0.902354	-1.10821	0.0964474	0.688662	-1.45209	0.351542	0.822061	-1.21645	0.215074	0.765904	-1.30565	0.553773	0.09666	1.09666	0.485555	1.15584	1.15584	0.384385	0.796704	-1.25517	0.387365	0.834373	-1.1985	1.26749	0.838434	0.587991	1
18787908	GLIS1	0.374453	0.472152	0.7944	0.7944	0.0196108	1.56516	1.56516	0.0155359	1.76425	1.76425	0.0178455	1.95445	1.95445	0.0183977	1.32228	1.32228	1.32228	0.994435	1.00839	0.238633	4.192273	1.32204	1.32204	0.398536	0.822308	-1.21608	0.1402223	1.08043	1.08043	1.26745	1.20484	0.721236	1
18640443	LTBP4;LTBP4	0.374434	0.101871	0.747484	-1.33782	0.33569	0.85099	-1.1751	0.638199	0.08002	1.08002	0.092417	0.7400664	-1.35124	0.44148	0.880231	-1.13607	0.166693	0.786904	-1.2708	0.107639	0.751728	-1.33027	0.771447	0.953762	-1.04848	0.804386	0.960468	-1.04116	0.26749	0.530316	0.371911	1
23804481	PNUM2	0.374435	0.765416	0.873473	-1.14509	0.190384	0.927551	-1.07826	0.823734	1.02542	1.02542	0.512598	0.9015442	-1.10921	0.563822	1.10535	1.10535	1.10535	0.992537	0.998471	-1.00153	0.416306	0.799061	-1.25142	0.562325	0.917893	-1.08945	0.745497	0.912111	-1.09636	1.26757	1.60168	1.12319	1
02619408	NTRK1;INSR	0.374445	0.0995708	0.52116	3.52116	0.154384	1.89549	1.89549	0.844982	1.14627	1.14627	0.582676	1.47255	1.47255	0.0877841	1.70367	1.70367	1.70367	0.571724	1.48963	1.48963	0.452795	1.70468	1.70468	0.377247	1.23847	0.0771248	1.93769	1.93769	1.26746	3.76231	6.84646	1
09988676	CHRND	0.374446	0.423047	0.770124	-1.29849	0.146904	1.64366	1.64366	0.854763	1.06023	1.06023	0.983562	1.0066	1.0066	0.0434795	0.454487	-2.19843	0.826995	0.932516	-1.07237	0.414228	0.766116	-1.30529	0.862444	0.946147	-1.05692	0.6307	0.856743	-1.16721	1.26746	2.04254	1.43443	1
20193771	CRNKL1;C20orf26	0.374455	0.1807152	0.7166	0.7166	0.0851033	1.25325	1.25325	0.107955	1.10192	1.10192	0.23796	0.9507692	-1.05183	0.0390109	0.712798	1.4025	1.4025	1.4025	0.828899	1.02652	1.02652	1.02652	0.851597	1.02652	1.02652	1.02652	0.851597	-1.05047	0.947654	0.293582	0.205894	1
25374640	DLL1	0.37446	0.193048	1.29707	1.29707	0.229254	1.26901	1.26901	0.266859	1.24413	1.24413	0.505597	1.13604	1.13604	0.490143	0.87602	1.14153	0.221605	1.27455	1.27455	1.27455	1.27455	0.361192	1.19392	1.19392	0.0434818	1.55026	1.55026	0.716089	1.0714	1.0714	1.26742	0.715746	0.501979	1
25800356	EP400NL	0.374463	0.350553	0.515459	-1.9413	0.0193434	1.54353	1.54353	0.0709393	1.61582	1.61582	0.0126381	2.075085	2.075085	0.63524	0.856804	1.14613	1.14613	1.14613	0.945464	1.08117	1.08117	1.08117	0.208274	1.46258	1.46258	1.46258	0.208274	-1.46311	0.208274	0.0510505	0.0510505	0.0510505	0.0510505	1.26741	0.0510505	0.0510505	1
01717898	C1orf30	0.374466	?	?	?	0.6100313	-1.7657	-1.7657	0.507981	2.1021	2.1021	0.876665	1.18705	1.18705	0.495215	2.15164	2.15164	2.15164	0.131019	1.17996	1.17996	0.159014	5.35864	5.35864	0.0725257	5.133	5.133	0.104109	2.30655	2.30655	1.29141	21.6846	14.6925	1
18048949	CHDE;CHD6	0.374467	0.745019	0.909701	-1.09926	0.668535	1.13305	1.13305	0.506952	1.21563	1.21563	0.433337	0.793046	-1.26096	0.0511874	0.525198	-1.90404	0.396684	1.28622	1.28622	0.253898	0.710678	-1.40711	0.438252	1.25772	1.25772	0.441264	1.25576	1.25576	1.26741	1.68832	1.1841	1
16011907	PRDM16;PRDM16	0.374475	0.911702	1.06954	1.06954	0.0154454	1.76127	1.76127	0.0232821	1.84031	1.84031	0.717861	1.19214	1.19214	0.447763	0.839629	-1.19055	0.925845	1.08756	1.08756	0.226919	1.1531	1.1531	0.408736	0.666611	1.66611	0.787851	1.1771	1.1771	1.26739	7.13548	5.14477	1
27308021	C16orf73;C16orf73	0.374475	0.831143	1.13711	1.13711	0.865935	0.903328	-1.10702	0.82554	0.875611	-1.14206	0.190617	2.30231	2.30231	0.03737	2.23371	-4.2788	0.904098	1.07522	1.07522	0.877425	0.911313	-1.09732	0.834735	1.13395	1.13395	0.2172?17	2.18405	2.18405	1.26739	7.26722	5.09691	1
08056803	SPCA4;SPCA4	0.374482	0.071452	0.564226	-1.77206	0.0154454	1.56582	1.56582	0.122867	1.56582	1.56582	0.127882	?	?	?	0.507707	-1.97037	0.763161	1.21959	1.21959	0.705329	1.14943	1.14943	0.432284	0.9232	1.6212	1.6212	0.303943	1.90231	1.90231	1.26737	0.46188	0.5152	1
02355885	ALK	0.37449	0.0528615	0.518472	-1.92875	0.195668	0.667267	-1.49865	0.528106	0.826292	-1.21023	0.340092	0.745658	-1.3411	0.142464	0.624608	1.601	0.225963	0.684168	-1.46163	0.219704	0.680283	-1.46998	0.671148	0.883038	-1.13597	0.578834	1.1838	1.1838	1.26735	1.78856	1.25445	1
17629793	ZNF574	0.374491	0.520683	1.10714	1.10714	0.464959	0.892997	-1.11982	0.190416	0.809762	-1.23493	0.79239	0.960051	-1.04096	0.664313	1.0687	1.0687	1.0687	0.754533	1.04889	1.04889	0.0285491	0.674895	-1.48171	0.405606	0.878547	-1.13824	0.556718	0.913512	-1.09468	0.26735	0.464848	0.326033	1
02474124	SASH3	0.374494	0.39278	1.41455	1.41455	0.0903479	1.56582	1.56582	0.122867	1.56582	1.56582	0.127882	?	?	?	0.507707	-1.97037	0.763161	1.21959	1.21959	0.705329	1.14943	1.14943	0.432284	0.9232	1.6212	1.6212	0.303943	1.90231	1.90231	1.26737	0.46188	0.5152	1
24124424	NXN	0.374507	0.146959	1.42812	1.42812	0.24136	0.755194	-1.32416	0.303048	0.783292	-1.27666	0.700307	0.91526	-1.09259	0.254429	0.765114	-1.31317	0.287537	0.649132	-1.54005	0.532003	0.865086	-1.15595	0.314283	0.788005	-1.26903	0.708324	0.917558	-1.08985	1.26731	1.05206	0.737914	1
04289036	C1orf210;C1orf210;C1orf210	0.374524	0.0549868	0.614252	-1.62772	0.0154454	1.56582	1.56582	0.122867	1.56582	1.56582	0.127882	?	?	?	0.507707	-1.97037	0.763161	1.21959	1.21959	0.705329	1.14943	1.14943	0.432284	0.9232	1.6212	1.6212	0.303943	1.90231	1.90231	1.26737	0.46188	0.5152	1
22688453	ACTR10	0.374525	0.600223	1.09701	1.09701	0.814874	0.959766	-1.04192	0.155234	1.30512	1.30512	0.660796	1.08038	1.08038	0.428709	1.15195	1.15195	1.15195	0.747253	1.04889	1.04889	0.0285491	0.674895	-1.48171	0.405606	0.878547	-1.13824	0.556718	0.913512	-1.09468	0.26735	0.464848	0.326033	1
12646820	RNF182;RNF182;RNF182	0.374525	0.351113	0.551424	-1.94733	0.0154454	1.56582	1.56582	0.122867	1.56582	1.56582	0.127882	?	?	?	0.507707	-1.97037	0.763161	1.21959	1.21959	0.705329	1.14943	1.14943	0.432284	0.9232	1.6212	1.6212	0.303943	1.90231	1.90231	1.26737	0.46188	0.5152	1
22996119	AATF;AATF	0.374536	0.823178	0.866569	-1.15534	0.4142435	1.24536	-1.28928	0.51991	1.0276848	-1.37422	0.504479	0.718874	-1.39127	0.0702488	0.779	1.2829	1.2829	1.2829	0.0690009	0.370973	-2.69561	0.0276664	0.450053	1.29235	1.29235	0.960046	1.02471	1.02471	1.26727	4.76654	3.34336	1
12600378	MOCS2;MOCS2	0.374536	0.960579	0.990591	-1.0095	0.207283	0.77543	-1.28961	0.376673	0.840715	-1.18946	0.824711	0.958462	-1.04334	0.324361	0.823119	-1.21489	0.942569	0.986315	-1.01387	0.0180025	0.577147	-1.73266	0.838449	0.96171	-1.03981	0.880182	1.02927	1.02927	1.26724	0.734125	0.514941	1
16360310	CKIC5	0.374537	0.150006	0.737453	0.7374	0.0851033	1.32525	1.32525	0.107955	1.10192	1.10192	0.23796	0.9507692	-1.05183	0.0390109	0.712798	1.4025	1.4025	1.4025	0.975305	1.01945	1.01945	1.01945	0.762973	1.01945	1.01945	1.01945	0.762973	-1.21168	0.934943	1.0523	1.0523	1.0523	1.0523	1.26721	0.74095	0.554241	1
	CAPZA1;ST7L;ST7L;ST7L

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07855471	RBMS3;RBMS1;RBMS3	0.374983	0.429727	1.40024	0.116575	2.01832	2.03832	0.243448	0.606668	-1.66481	0.793469	0.896212	-1.11581	0.194198	0.563482	0.17468		0.787726	1.12176	1.12176	0.325233	1.52843	1.52843	0.364844	0.677823	-1.47531	0.414406	0.705792	-1.41685	1.26629	3.40797	2.45544	1
cg00863922	FLI439950	0.374945	0.943567	0.973997	-1.0267	0.100364	0.511753	-1.95407	0.0310075	0.388697	-2.5661	0.935045	0.97012	-1.0308	0.272264	0.656698		0.610467	0.825969	-1.2107	0.894441	1.05065	1.05065	0.625963	0.832925	-1.20059	0.247411	0.637578	-1.56844	1.26627	2.77773	1.9499	1
cg02289741	PAK4;PAK4;PAK4;PAK4;PAK4	0.374945	0.0542409	0.285032	-3.50837	0.958803	1.03012	1.03012	0.850398	0.897189	-1.11459	0.100806	0.356059	-2.80852	0.679492	0.787645	-1.26961		0.323288	1.7971	1.7971	0.458311	0.647971	-1.54328	0.713383	1.23611	1.23611	0.587723	1.36959	1.36959	1.26627	6.62071	4.64758	1
	AKN1;ANK1;ANK1;ANK1;ANK1;ANK1;AN																										
cg21289397	K1;ANK1	0.374949	0.0974282	0.345073	-2.89794	0.592664	1.37151	1.37151	0.461424	0.64492	-1.55058	0.684609	0.787369	-1.27005	0.610526	0.740451	-1.35053		0.912999	1.06002	1.06002	0.043092	0.25613	-3.90427	0.287371	0.524012	-1.90835	0.238936	0.486016	-2.05755	1.26626	6.86342	4.81799	1
cg16472210	GB01	0.374958	0.568757	0.850006	-1.17646	0.526842	0.834505	-1.1982	0.602773	1.15068	1.15968	0.978386	0.902385	-1.10767	0.015273	0.431526	-2.31736		0.454406	0.806541	-1.23986	0.733204	0.907573	-1.10184	0.70761	1.11216	1.11216	0.618212	0.807826	-1.1523	1.26624	1.5947	1.12071	1
cg03883228	MRGPRF;MRGPRF	0.374976	0.194085	0.54838	-1.82355	0.627207	0.807336	-1.23864	0.514425	0.748934	-1.33523	0.211394	0.563849	-1.77352	0.214317	0.564569	-1.77126		0.478103	0.729517	-1.37077	0.328765	0.64354	-1.55391	0.401074	0.68671	-1.45622	0.097301	2.21596	2.21596	1.26619	3.83466	2.69199	1
cg25935644	MYH10	0.374979	0.137284	0.730131	-2.70375	0.717356	1.25327	1.25327	0.7238	1.7238	1.7238	0.635305	0.743267	-1.34541	0.169749	0.403231	-2.47997		0.4375	0.611495	-1.63534	0.098794	0.32669	-3.06071	0.157953	0.401487	-2.49074	0.463921	0.62943	-1.58874	1.26619	7.7338	5.42929	1
cg22468868	RNFT1;RNFT1	0.374982	0.433986	1.23669	2.23669	0.760233	0.924704	-1.08143	0.719548	1.40081	2.642652	1.04203	1.04203	1.04203	1.14019	1.140151	1.080461	1.084928	1.460001		0.0605066	0.582606	-1.71643	0.136807	0.652804	-1.53185	0.423814	0.709332	0.883427	1.13241	1.20317	1.26618	1.74991	0.996821	1
cg06833981	BAT2	0.374982	0.514462	1.50079	1.50079	0.233945	2.15185	2.15185	0.648612	1.32546	1.32546	0.104522	2.97347	2.97347	0.0631676	0.277418	-3.60467		0.942204	1.04514	1.04514	0.878319	1.09866	1.09866	0.544084	1.45804	1.45804	0.944205	1.04392	1.04392	1.26618	7.56351	5.30977	1
cg08638635	C2F3	0.374987	0.752984	1.81263	1.81263	0.47984	1.27558	1.27558	0.754603	0.875736	-1.1419	0.57345	1.44151	1.44151	0.358148	0.504901	-1.98107		0.155103	2.51394	2.51394	0.0410307	1.89389	1.89389	0.0124	2.47791	0.817354	1.15046	1.15046	1.26617	7.36541	5.16794	1
cg02620054	JAKMIP3	0.374993	0.0427681	-1.70362	-1.42783	0.488268	0.734403	-1.36165	0.357661	1.53196	1.53196	0.284636	1.6336	1.6336	0.550151	0.776472	-1.28788		0.397232	0.683827	-1.46236	0.094848	0.447222	-2.23603	0.195821	0.548951	-1.82165	0.441392	1.41083	1.41083	1.26616	3.85453	2.70602	1
cg02289932	PRDM16;PRDM16	0.374995	0.176073	0.402068	-2.48714	0.306889	0.317032	-3.15426	0.490762	0.641407	-1.5581	0.135487	0.360906	2.770355	0.0844192	0.25808	-3.87477		0.5027	0.649051	-1.53958	0.078673	0.290677	-3.44025	0.081224	0.401942	-2.48876	0.660719	1.5135	1.26615	8.0454	5.64821	1
cg15929395	FYD2;FYD2;FYD2;FYD2	0.375005	0.124814	0.404867	-2.46995	0.247269	1.93154	1.93154	0.616063	0.760022	-1.31575	0.9140039	0.942934	-1.06052	0.0569189	0.309603	-3.22994		0.482472	1.47469	1.47469	0.912755	0.042102	-4.06146	0.518139	0.700113	-1.42834	0.807512	1.14206	1.14206	1.26612	5.93811	4.16888	1
cg12021882	GAUN79	0.375007	0.823057	0.872452	-1.14619	0.037865	4.7478	4.7478	0.0698377	0.43873	-3.43873	0.917981	0.939175	-1.06476	0.962628	1.02896	1.02896		0.871309	0.90595	-1.10381	0.615942	0.763248	-1.31019	0.817155	0.868407	-1.15163	0.943555	1.04408	1.04408	1.26612	7.44274	5.22523	1
cg24602560	CFND1	0.375008	0.561286	0.618521	-1.6291	0.634049	0.539133	2.57933	0.0655633	0.568853	1.56803	0.940471	0.939835	-1.06402	0.893628	1.11757	1.11757		0.673924	1.42135	1.42135	0.650754	1.46031	1.46031	0.966539	0.965748	-1.03547	0.96399	1.03822	1.03822	1.26611	1.38419	0.71786	1
cg12737971	SF1;SF1	0.375018	0.41986	1.60764	1.60764	0.0719574	0.314396	-3.1807	0.708234	1.24179	1.24179	0.567023	0.722404	-1.38465	0.991039	1.65907	1.65907		0.738112	1.21525	1.21525	0.587533	1.37092	1.37092	1.144634	0.405522	-2.46596	0.376461	1.6868	1.6868	1.26609	6.65404	4.67162	1
cg17313494	ADAMTS10	0.375024	0.777144	1.0463	1.0463	0.581991	0.91588	-1.09197	0.708171	0.780121	-1.28112	0.933868	-1.07081	0.989615	1.00331	1.003311	1.003311		0.491411	1.11793	1.11793	0.330185	0.770482	-1.29785	0.81617	0.963516	-1.03784	0.0388942	1.46434	1.46434	1.26608	0.510198	0.3582	1
cg11807842	RNF126	0.375029	0.569752	1.1454	1.1454	0.836036	1.03619	1.05019	0.673553	1.10349	1.10349	0.114379	1.50949	1.50949	0.204714	1.37194	1.37194		0.0489516	1.70107	1.70107	0.142198	1.45185	1.45185	0.592529	1.13616	1.13616	0.648002	0.897074	-1.11474	1.26607	1.11966	0.786298	1
cg27074297	SOS1	0.37503	0.421515	0.881561	-1.13435	0.0827093	0.744516	-1.34315	0.555349	1.09591	1.09591	0.591973	1.08661	1.08661	0.108428	1.30845	1.30845		0.267347	0.837445	-1.19411	0.631919	0.928583	-1.07691	0.947269	1.03005	1.03005	0.767555	0.955515	-1.04656	1.26606	0.472611	0.331815	1
cg06476034	RNASEK	0.375031	0.969972	0.990438	1.00965	0.718823	1.07097	1.07097	0.789121	0.933868	-1.07081	0.989615	1.00331	1.003311	1.004691	1.00469	1.00469		0.0265195	1.51107	1.51107	1.95668	0.150555	1.48184	1.48184	0.67135	0.886791	-1.11509	0.727293	0.914557	1.09746	1.30629	0.917153	1
cg05636467	EBF3	0.375036	0.125699	0.954912	-5.1174	0.625581	0.615996	-1.62339	0.378584	2.43526	2.43526	0.472627	0.486877	-2.05391	0.108795	0.276472	-3.62017		0.441181	0.461241	-2.16807	0.137592	0.206909	-4.83304	0.194972	0.259072	-3.85993	0.268007	0.322334	-3.10238	1.26605	19.4646	13.666	1
cg07332681	LOC407835	0.37504	0.775417	1.10827	1.10827	0.979137	0.985741	-1.01447	0.728152	0.251845	-3.96535	0.992188	0.994237	-1.00578	0.982247	0.990321	-1.0008		0.653001	1.18878	1.11878	0.511894	0.773802	-1.29188	0.731206	0.657543	-1.52081	0.685284	0.851754	-1.17407	1.26604	2.4439	1.72004	1
cg21141026	CALCA;CALCA;CALCA	0.375052	0.671694	0.920538	-1.08632	0.768426	1.05902	1.05902	0.502876	0.876293	-1.14117	0.32578	0.821145	-1.21781	0.532685	0.884499	0.13058		0.412642	0.849865	-1.17666	0.0338336	1.61807	1.61807	0.406805	0.848053	-1.17917	0.853538	1.03654	1.03654	1.26601	0.756327	0.53103	1
cg10873842	RASSF8;RASSF8;RASSF8;RASSF8	0.37054	0.930175	0.968358	-1.03268	0.268978	0.654493	-1.52567	0.2405	0.637139	-1.56952	0.370458	0.713615	-1.40132	0.73125	0.881167	-1.13486		0.602646	0.824734	-1.21251	0.661555	0.216538	2.16538	0.444778	0.13082	1.33082	0.385104	0.721311	-1.38636	1.26601	2.69874	1.89484	1
cg20664468	POMP;POMP	0.375056	0.390608	0.754252	2.04055	0.25019	1.16841	1.16841	0.0408745	1.82734	1.82734	0.997734	0.999257	-1.00074	0.466607	0.873528	-1.20174		0.455526	1.22022	1.22022	0.822307	1.60657	1.60657	0.349817	1.49828	1.49828	0.948008	0.983068	-1.01722	1.266	1.3749	0.965351	1
cg06394883	PUSL1;ACAP3	0.375057	0.940604	1.05997	1.05997	0.507574	0.590635	-1.69309	0.888319	0.895988	-1.11609	0.234204	2.66905	2.66905	0.0623766	0.188223	-5.31285		0.150998	0.296501	-3.37267	0.836644	1.17515	1.17515	7	7	0.987364	1.01245	1.01245	1.28987	10.8583	7.36583	1
cg05007949	KCNT1	0.375061	0.0959834	0.754442	-1.32546	0.938849	1.03119	1.03119	0.834804	0.894688	-1.03641	0.537099	1.10774	1.10774	0.577244	0.915364	-1.09189		0.390747	0.87172	-1.14716	0.638896	0.688318	-1.45282	0.481198	0.894248	-1.11826	0.6423326	1.01575	1.01575	1.26599	0.488552	0.343097	1
cg01808090	NUBP1	0.375073	0.166186	0.35246	-2.83746	0.0413159	1.53224	1.53024	0.333054	2.12653	2.12653	0.356317	1.21411	1.21411	0.476404	0.82643	-1.21051		0.839096	1.04245	1.04245	0.370889	1.42948	1.42948	0.29604	1.27942	1.27942	0.735804	1.07192	1.07192	1.26596	0.838445	0.588709	1
cg07074473	SNRNP27	0.375073	0.48691	1.29671	1.29671	0.244827	1.56445	1.56445	0.261262	1.53876	1.53876	0.497223	1.28858	1.28858	0.0825997	2.02831	2.02831		0.666763	1.17276	1.17276	0.150049	0.566876	-1.76405	0.773195	1.11215	1.11215	0.235625	1.57967	1.57967	1.26596	2.71316	1.90503	1
cg15434778	NRXN3;NRXN3;NRXN3	0.375074	0.310865	0.507084	-1.97219	0.0746477	0.880551	-1.1358	0.497206	0.775205	-1.29008	0.736972	0.946937	-1.05598	0.446937	0.833078	-1.20035		0.517704	0.641533	-1.55907	0.0266586	0.220686	-4.53132	0.0194929	0.220686	-4.53132	0.0194929	1.3931	1.26596	19.1884	14.4491	1
cg12722998	CUL4A;PCID2;PCID2;CUL4A;PCID2	0.375086	0.463859	1.26859	1.26859	0.445536	0.780246	-1.28165	0.331294	0.726255	-1.37693	0.736254	1.1139	1.1139	0.668555	1.14732	1.14732		0.863901	1.08957	1.05477	0.0545077	0.211645	0.657129	-1.52177	0.26593	0.24147	1.43345	1
cg13634202	PHC3	0.375098	0.39198	1.2987	1.2987	0.979137	0.985741	-1.01447	0.728326	0.55587	-1.55587	0.748391	1.02571	1.02571	0.597772	0.815527	-1.22618		0.653001	1.18878	1.11878	0.511894	0.773802	-1.29188	0.731206	0.657543	-1.52081	0.685284	0.851754	-1.17407	1.26594	2.4439	1.72004	1
cg06090739	UBE4A	0.375099	0.106105	0.509202	-1.96386	0.456344	0.748185	-1.33657	0.516527	0.777613	-1.28599	0.238732	0.62383	-1.603	0.182794	0.582388	-1.71707		?	?	?	0.317651	1.4844	1.4844	0.155597	0.559312	-1.78791	0.759669	1.889285	-1.1245	1.26176	2.59764	2.05874	1
cg14380111	C15orf26	0.375112	0.290194	0.400489	-2.49695	0.786096	0.797115	-1.25452	0.925289	0.924792	-1.08132	0.820498	0.827411	-1.20859	0.211179	0.3335	-2.9985		0.662211	0.693199	-1.44259	0.0242262	0.106506	-9.38911	0.128832	0.254567	-3.92824	0.582233	0.629298	-1.58907	1.26587	13.9314	9.7826	1
cg18386669	PCGF3	0.375112	0.265698	0.4	2.5	0.25019	1.16841	1.16841	0.503025	1.10791	1.10791	0.162158	1.09238	1.09238	0.104334	1.10713	1.10713		0.205972	1.22281	1.22281	0.0694605	1.35789	1.35789	0.409061	1.08066	1.08066	0.299791	0.85043	-1.17588	0.5887	0.455753	0.32028	1
cg13012525	NR0B1	0.375113	0.198408	0.419333	-2.38474	0.619399	0.726025	-1.37736	0.31066	0.511324	-1.95571	0.263929	2.21111	2.21111	0.0854802	3.3721	3.3721		0.322165	0.519991	-1.92311	0.583911	0.702119	-1.42426	0.953383	0.963309	-1.03809	0.901369	1.08251	1.08251	1.26587	8.19691	5.75585	1
cg13872665	NOG;NOG	0.375114	0.613638	0.888222	-1.12539	0.338859	1.1588	1.27988	0.888466	0.63716	-1.57016	0.7127	0.960552	1.04167	0.96045	1.042284	1.042284		0.394064	1.2443	1.2443	0.564342	0.570064	-1.75496	0.802582	0.816852	-1.22472	0.62687	1.25078	1.25078	1.26587	2.6825	1.88251	1
cg11237426	NPH52	0.375116	0.150077	0.666043	-1.5014	0.927262	0.991016	-1.00907	0.762744	0.923346	-1.08301	0.301886	0.754482	-1.32541	0.181086	0.689772	1.45355		0.382781	1.789976	-1.26586	0.294259	0.750586	-1.33181	0.707341	1.10444	1.10444	0.117648	1.56455	1.56455	1.26586	3.39094	0.976721	1
cg27630771	ADAMTS4	0.375162	0.375667	0.847276	-1.18025	0.867556	1.03089	1.03089	0.538	0.89256	-1.12037	0.503723	1.13166	1.13166	0.44916	0.868861	-1.15093		0.852313	1.03455	1.03455	0.0527385	1.49387	1.49387	0.590482	1.10409	1.10409	0.168315	0.765211	-1.30683	1.26585	0.666122	0.467755	1
cg00976615	DUSP18	0.375123	0.328481	0.559	-1.78935	0.260509	0.615645	-1.62434	0.284706	0.61454	-1.62742	0.442797	0.75887	-1.31776	0.307284	0.733538	-1.36356		0.390747	0.87172	-1.14716	0.638896	0.688318	-1.45282	0.481198	0.894248	-1.11826	0.6423326	1.01575	1.01575	1.26579	0.488552	0.343097	1
cg17553286	VIP;VIP;VIP;VIP	0.37514	0.449702	0.624049	-1.61174	0.558723	0.693209	-1.44257	0.023894	0.18822	-5.31294	0.240624	0.4678	-2.14096	0.293026	0.509047	-1.96446		0.445418	0.617541	-1.61932	0.449335	0.33018	-3.02913	0.0198	0.0933	-10.7121	0.00218	0.0933	-10.7121	0.00218	1.26578	0.093351	1
cg22766014	ANTXR1;ANTXR1;ANTXR1	0.37514	0.0966961	0.351661	-2.84477	0.0613961	0.0462	0.0462	0.0115	0.03525	0.03525	0.0115	0.03525	0.03525	0.0115	0.0787665	0.0858		0.0787665	0.0858									
cg18684755	RYR1;RYR1	0.375143	?	?	?	0.377758	0.751352	-1.33093	0.907958	0.965111	-1.03615	?	?	?	?	?	?		?	?	?								
cg18086817	CDC42;CDC42	0.375171	0.748314	0.954939	-1.04719	0.183418	1.42488	1.22488	0.0116268	0.916626	1.09694	0.57051	0.921105	-1.08565	0.997236	1.0005	1.0005		0.94636	1.00969	1.00969	0.707966	0.828459	-1.20706	0.902886	1.08279	1.08279	0.0526852	1.37125	1.37125	1.26573	0.441503	0.328767	1
cg03611912	ATG4D;MIR1238	0.375175	0.0414343	0.452899	-2.208	0.557006	0.818686	-1.22147	0.763003	0.875548	-1.14254	0.110574	0.10721	0.600959	0.03716	0.155674	-6.42403		0.534814	1.23579	1.23579	0.317997	0.743206	-1.34506	1.11709	1.11709	0.229907	0.654244	-1.52848	1.26572	2.27401	1.59699	1.11709	1
cg09121920	AXIN1;AXIN1	0.375177	0.636247	0.8818	-1.13404	0.128449	1.54321	1.54321	0.0387508	1.88123	1.88123	0.594806	1.15228	1.15228	0.50083	1.19771	1.19771		0.435947	0.810702	-1.2335	0.40695	1.25105	1.25105	0.393698	1.25946	1.25946	0.8537	1.04924	1.04924	1.26571	1.39748	0.981428	1
cg14922922	UNG;UNG	0.375177	0.28124	0.74793	-1.33725	0.451424	1.25602	1.25602	0.726483	0.802742	-1.24596	0.0609	0.874969	-1.1429	0.425215	0.918836	-1.08852		0.239654	0.724638	-1.3762	0.225677	1.39094	1.39094	0.385451	1.29598	1.29598	0.145118	1.20198	1.20198	1.26571	3.49423	2.48383	1
cg03906996	EBF3	0.3718	0.794364	0.953137	-1.04917	0.0247185	0.611813	-1.63449	0.800979	1.04751	1.04751	0.952088	0.852146	-1.17351	0.713125	0.934399	-1.07021		0.422577	0.860264	-1.16243	0.834857	0.962368	-1.0391	0.502503	1.1332	1.1332	0.358589	1.18941	1.18941	1.26571	0.676793	0.475302	1
cg19898128	TLL1;TLL1	0.375181	0.455089	0.597131	-1.86513	0.612536	1.51751	1.51751	0.360693	2.15897	2.15897	0.960815	0.9033	-1.10705	0.653844	1.44558	1.44558		0.652344	0.166029	-6.02487	0.0194016	0.912286	-1.09615	0.294114	0.912286	-1.09615	0.294114	1.56369	1.26571	8.02144	5
cg00145352	LOC284009;METT10D	0.375191	0.938009	1.06127	1.06127	0.644437	0.983941	-1.01653	0.926405	0.96455	-1.03653	0.624455	0.20869	-4.79623	0.0400686	0.164621	0.164621		0.873221	1.12507	1.12507	0.364661	0.880122	-1.13621	0.409314	0.880122	-1.13621	0.409314	1.864	-1.71657	1.26571	10.9163	7.3663	1
cg16090175	MFAP3L;MFAP3L	0.375198	0.974523	0.99356	-1.00648	0.839704	0.959855	-1.04182	0.0306628	1.67143	1.67143	0.67439	0.916267	-1.09138	0.244735	0.781792	-1.27911		0.549485	1.13034	1.13034	0.257067	1.27035	1.27035	0.780474	1.05815	1.05815	0.916097	0.978906	-1.02155	1.26569	0.820414	0.576172	1
cg00037121	THRA;THRA	0.375199	0.052127	0.399427	-2.50455	0.0518413	0.509474	-1.96281	0.0578497	0.748436	-1.33585	0.0939139	0.227313	-4.39982	0.0284388	0.0997761	-10.0243		0.718139	1.4988	1.4988	0.0241	0.577354	1.14103	1.14103	0.0672617	1.08054	1.08054	0.78936	1.08089	1.08089	1.26566	2.7996	1
cg23501767	VDAC1	0.375197	0.724025	1.15989	1.15989	0.810132	0.904201	-1.10595	0.553763	1.2848	1.2848	0.0346344	0.356797	-2.80273	0.0857711	0.451822	-2.21326		0.92837	0.96308	-1.03833	0.942643	1.03056	1.03056	0.873028	1.0692	1.0692	0.905278	1.05107	1.05107	1.26567	3.50891	2.46434	1
cg27524460	PTGR1	0.375201	0.923781	0.735332	-1.35993	0.164728	1.34659	1.34659	0.390045	0.838319	-1.19315	0.277663	0.797197	-1.2544	0.429093	0.850388	-1.17593		0.196329	0.760111	-1.3155	0.314385	2.23229	2.23229	0.0527053	0.992541	-1.00751	0.964863	1.00886	1.00886	1.26566	0.807956	0.567436	1
cg19163496	LOC146851;LOC146851;CBY1;CBY1	0.375199	0.113465	0.712201	-1.40445	0.671909	1.08764	1.08764	0.159956	1.34458	1.34458	0.244384	0.786267	-1.27183	0.705408	0.927842	-1.07777		0.921278	0.81968	-1.21968	0.814853	0.954795	-1.04737	0.892016	1.14754	1.14754	1.14754	0.666266	0.779518	0.547464	1
cg20028230	NMUR1	0.375201	0.0315463	4.96741	4.96741	0.496869	1.55042	1.55042	0.361575	1.81521	1.81521	0.961361	0.969672	-1.03128	0.694983	0.778403	-1.28468		0.67771	0.766682	-1.30432	0.126766	2.85759	2.85759	0.568493	1.44255	1.44255	0.800304	0.85118	-1.17484	1.26566	8.10083	5.68932	1
cg18182828	RX4	0.375202	0.0115597	0.752652	1.43722	0.45597	0.512349	-1.94548	0.0155397	0.75855	-1.31865	0.453072	0.74597	-1.34055	0.0155397	0.818988	-1.22121		0.996214	1.0032	1.0032	0.0124802	0.0134089	0.423168	-2.36313	0.0134089	0.423168	-2.36313	0.0134089	1.26566	0.431548	0.203089	0.14	1
cg05500574	ZNF324B;ZBTB20;ZBTB20;ZBTB20;ZBTB2	0.375221	0.587407	0.884983	-1.12997	0.750279	0.931261	-1.07381	0.125733	1.44707	1.44707	0.223571	1.33002	1.33002	0.104958	1.02437	1.02437		0.441035	1.19152	1.19152	0.714691	0.921378	-1.08503	0.770212	0.636732	-1.57052	0.958947	1.988585	-1.01155	1.26561	0.990758	0.700274	1
cg10178127	0;ZBTB20	0.375227	0.288841	0.822512	-1.21579	0.376545	0.851263	-1.17473	0.686471	1.07467	1.07467	0.845381	1.03526	1.03526	0.76428	0.948031	-1.05482		0.599786	1.09851	1.09851	0.0250281	1.60502	1.60502	0.958989	0.990916	-1.00917	0.790634	1.04835	1.04835	1.26559	0.631232	0.443345	1
cg18558423	TTPI3	0.375228	0.100135	0.645861	-1.54832	0.207132	1.12867	1.12867	0.515367	0.852085	-1.17359	0.184455	0.710624	-1.40721	0.0386655	0.559262	-1.78807		0.66058	0.898318	-1.11319	0.735452	0.929098	-1.08578	0.35182	0.792533	-1.26178	0.484273	0.841566	-1.18826	1.26559	1.18039	0.829049	1
cg16132514	SHANK2	0.375234	0.315261	0.484586	-2.06376	0.537475	0.722571	-1.38421	0.454041	0.70921	-1.41001	0.117565	0.70567	-1.41703	0.0515018	0.476376	-2.09905		0.533372	0.814854	-1.22755	0.559799	0.518497	-1.92906	0.0663158	0.388564	-2.57355	0.0663158	0.388564	-2.57355	0.0663158	1.26556	0.9545	1
cg21797452	LOC286457	0.375241	0.83668	0.845766	-1.18236	0.467892	0.549131	-1.82106	0.340764	0.450809	-2.21823	0.380168	0.481638	-2.07625	0.107159	0.239981	-4.16699		0.640486	0.682693	-1.46479	0.0721665	0.196195	-5.09696	0.518806	0.588132	-1.7003	0.049876	0.162823	-6.14363	1.26556	13.2007	9.27169	1
cg05392527	SMPD3	0.375257	0.603673	0.831871	-1.20213	0.103803	0.515155	-1.94062	0.0128259	0.466258	-2.14459	0.0178477	0.178296	3.30924	0.0178296	0.26476	-3.77719		0.304916	0.668376	-1.4526	0.113749	0.55249	-1.80999	0.459464	0.3031	-3.30016	0.0963616	1.01616	1.01616	1.26555	2.47616	1.73959	1
cg02647247	LIPE	0.375246	0.0698594	0.523055	-1.91184	0.553662	1.21118	1.21118	0.614161	1.17647	1.17647	0.956374	1.01764	1.01764	0.0963896	0.557875	-1.79252		0.961878	0.984835	-1.0154	0.752724	1.10421	1.10421	0.303796

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1117 057 vs. N)	Fold-Change(1117 vs. N)	p-value(112T 11T vs. N)	Fold-Change(112T vs. N)	p-value(121T 12T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 47T vs. N)	Fold-Change(353T vs. N)	p-value(353T 53T vs. N)	Fold-Change(353T 53T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 vs. N)	p-value(563T 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg09177248	SMAD6;SMAD6;SMAD6	0.375377	0.263764	1.7694	0.263764	1.7694	0.806802	-1.23946	0.578318	0.768956	-1.30047	0.272329	0.70678	1.70678	0.114486	2.2304	2.2304														
cg07928156	TCEAL3;TCEAL3	0.375582	0.119684	0.292479	-3.41905	0.0959488	0.264129	-3.78603	0.059729	0.212887	-6.69733	0.041007	0.568736	-1.75829	0.190561	0.36449	-2.74356	0.190133	0.364093	-2.74655	0.413597	0.544121	-1.83783	0.502722	0.622503	-1.60642	0.695545	0.750988	-1.33158	0.26475	10.6197	7.46371	1
cg10537328	RBPMS2;MIR1272	0.375584	0.371513	0.803754	-1.24416	0.812983	1.05805	1.05805	0.246119	0.749166	-1.33482	0.769217	0.932349	-1.07256	0.160482	0.699798	-1.42898	0.662658	1.11017	1.11017	0.192917	1.38828	1.38828	0.0835278	0.633777	-1.57784	0.783544	0.936541	-1.06776	0.26475	1.13548	0.798037	1
cg16094767	NXN	0.375585	0.567253	1.49445	1.49445	0.194881	2.59253	2.59253	0.939357	0.874151	-1.05428	0.0877535	0.241326	-4.14377	0.545189	1.5302	1.5302	0.795943	0.837868	-1.1935	0.402496	1.81349	1.81349	0.18922	2.62811	2.62811	0.412239	1.79044	1.79044	1.79044	0.56858	6.79528	1
cg18074726	BTBD11	0.375611	0.214322	2.21662	2.21662	0.354713	3.8017	3.8017	0.284135	1.96887	1.863088	1.138	1.138	0.431482	1.63042	1.63042		0.950015	0.962549	-1.03891	0.414802	0.601986	-1.66117	0.1965	0.29671	2.29671	0.223628	2.1781	2.1781	2.1768	0.742505	5.21873	1
cg00784357	RAC1;RAC1	0.375621	0.863692	1.02989	1.02989	0.798315	0.957059	-1.04487	0.114828	0.745333	-1.34168	0.941996	0.21255	1.02105	0.148008	1.30475	1.30475	0.871574	0.97265	-1.02812	0.067424	0.703806	0.421085	0.870978	1.02825	1.02825	0.732003	1.06069	1.06069	0.588474	0.413619	1
cg19405504	TMCC1;TMCC1	0.375626	0.369159	1.64539	1.64539	0.88502	0.92485	-1.08126	0.793086	0.86768	-1.1525	0.291323	1.80614	1.80614	0.0836761	0.355726	-2.81115	0.760836	0.863372	-1.15825	0.0788407	0.348643	-2.86827	0.692112	0.806629	-1.23973	0.710155	1.22331	1.22331	1.22665	5.83862	4.10382	1
cg13411962	ZNF395;ZNF395	0.375631	0.845588	1.0498	1.0498	0.9526	1.19454	1.19454	0.0992088	1.45505	1.41505	0.405995	1.24131	1.24131	0.84777	1.05043	1.05043	0.777239	0.929966	-1.07531	0.0479029	0.568402	-1.75921	0.271926	0.740213	-1.3401	0.92956	1.02289	1.02289	1.02663	1.31241	0.92247	1
cg21709322	PPM1G;PPM1G	0.375634	0.686307	0.897441	1.11428	0.560803	1.6597	1.6597	0.799284	1.01504	1.01504	1.02494	1.02494	1.40451	1.40451	1.36437	1.27916	1.27916	1.27916	1.27916		0.368959	0.781986	-1.27879	0.0976102	0.616062	-1.62321	0.290572	0.746037	-1.33952	0.289005	1.34089	1.34089	1.34089

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. 537T vs. N)	Fold-Change(353T vs. 537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg14017326	SRGAP2;SRGAP2	0.376216	0.166092	1.39519	1.39519	0.777428	0.936422	-1.06789	0.564968	0.87705	-1.14209	0.330874	0.797517	-1.25389	0.083282	1.54091	1.54091	0.614831	1.12122	1.12122	0.222436	1.33528	1.33528	0.453908	1.18772	1.18772	0.496542	0.855832	-1.16845	1.26325	1.01742	0.715916	1
cg15708153	ZNF542;ZNF542;ZNF542;ZNF542	0.376216	0.05207 53	0.196411	-5.09137	0.106675	3.659611	1.659561	0.359235	2.0023	2.0023	0.612328	1.45699	1.45699	0.840288	0.861903	-1.16022	0.611533	1.45824	1.45824	0.73483	1.35208	1.35208	0.846831	0.867247	-1.15307	0.672155	1.36821	1.36821	1.26324	10.8527	1.63656	1
cg16672421	C1orf96	0.37622	0.463767	1.49667	1.49667	0.315232	1.753317	1.753317	0.417628	0.638968	-1.56502	0.585877	1.34647	1.34647	0.382722	1.62263	1.62263	0.455062	1.50897	1.50897	0.0462914	3.43653	3.43653	0.232936	1.96666	1.96666	0.128807	2.42927	2.42927	1.26324	5.85	4.11641	1
cg21149266	FAM63B;FAM63B	0.376216	0.301562	1.36274	-2.7608	0.030149	0.089547	-11.1911	0.13828	0.427769	-2.33771	0.609545	1.44476	1.44476	0.155932	1.26885	-4.22201	0.504612	1.026019	-1.90107	0.826711	0.812188	-1.23124	0.467264	0.459682	-2.01742	0.628434	1.58832	1.58832	1.26324	18.0101	12.6731	1
cg04585185	C21orf34;MIR1258;C21orf34	0.376227	0.293232	0.525805	-1.90185	0.159445	2.42644	2.42644	0.116846	2.73037	2.73037	0.598454	1.36784	1.36784	0.879353	0.914341	1.09368	0.7284	1.814216	1.228118	0.215512	0.463677	-2.15668	0.595022	1.37206	1.37206	0.293974	1.89983	1.89983	1.26324	6.95413	4.89341	1
cg01444407	TMEM51;TMEM51;TMEM51;TMEM51	0.37623	0.505948	0.76479	-1.30755	0.171117	1.78425	1.78425	0.518186	1.29712	1.29712	0.327944	0.669509	-1.49363	0.230472	0.606628	-1.64846	0.792522	0.900558	-1.11042	0.929191	0.965303	-1.03594	0.27948	1.56319	1.56319	0.120003	0.512599	-1.95084	1.26321	3.15828	2.2224	1
cg25068334	ZFP41	0.376233	0.864049	1.0828	1.0828	0.377072	1.5231	1.5231	0.240293	0.565123	-1.76953	0.906093	0.947025	-1.05594	0.0563344	0.36673	-2.7268	0.626401	1.25574	1.25574	0.173571	1.95788	1.95788	0.692827	0.831686	-1.80238	0.684987	0.827521	-1.20843	1.26321	4.31101	3.03956	1
cg24476842	RAB21	0.376254	0.883964	0.960552	-1.03461	0.888744	1.03315	1.03315	0.995241	1.00192	1.00192	0.0497055	1.593611	-1.68461	0.554258	0.890955	-1.12283	0.395197	0.816396	-1.22449	0.129221	1.44509	1.44509	0.943289	0.71671	-1.39596	0.213575	0.767107	1.3036	1.26315	1.0857	0.76401	1
cg16466652	MLLT1	0.376255	0.804502	1.07229	1.07229	0.0707343	0.566485	-1.76527	0.611673	1.15498	1.15498	0.795689	1.07576	1.07576	0.517042	0.83121	-1.20307	0.654532	0.880948	-1.13514	0.903511	0.966445	-1.03472	0.0459438	0.525296	-1.90369	0.667204	1.12946	1.12946	1.26315	1.58447	1.115	1
cg02217979	SETD8	0.376256	0.117407	0.844381	-1.18419	0.36127	1.74925	1.74925	0.128475	1.82664	1.82664	0.0159119	1.08059	1.08059	0.0795955	1.82604	-1.0524	0.533073	1.25468	1.25468	0.553018	1.29936	1.29936	0.276144	1.50504	1.50504	0.417654	1.3447	1.3447	1.26314	2.55794	1.83083	1
cg01422129	TMEM38B;TMEM38	0.376261	0.348018	0.795439	-1.25717	0.069594	0.618341	-1.61723	0.42697	1.21182	1.21182	0.687649	0.884497	-1.13059	0.519266	1.16737	1.16737	0.50279	0.851219	-1.17479	0.136016	0.683508	-1.46304	0.267835	0.760789	-1.31443	0.63622	1.1947	1.11947	1.26314	1.1224	0.789649	1
cg21921513	CTH;CTH	0.376283	0.619855	0.919838	-1.09784	0.418521	0.857192	-1.16668	0.791818	0.951621	-1.05062	0.986458	1.008427	1.008427	0.754113	0.943041	-1.06024	0.360667	0.891015	-1.12223	0.0184744	0.586613	-1.7047	0.414593	1.16844	1.16844	0.060801	1.021336	1.021336	1.26309	0.6908894	0.490498	1
cg00155700	ZKSCAN5;ZKSCAN5	0.376283	0.121815	0.650845	-1.53646	0.038106	0.819715	-1.21594	0.162146	0.534566	-1.87068	0.42132	0.708427	-1.41158	0.0697211	0.426929	-2.34231	0.341471	0.662779	-1.5088	0.706948	0.71373	-1.17173	0.653038	1.20911	1.20911	0.270418	0.61854	-1.61854	1.26309	3.5224	2.47887	1
cg07803860	INTS1	0.376289	0.806105	0.838482	-1.19263	0.761328	0.803947	-1.34586	0.831669	1.16472	1.16472	0.285839	0.452023	-2.21228	0.128679	0.308428	-3.24225	0.684071	1.34052	1.34052	0.351871	2.1019	2.1019	0.451088	1.7333	1.7333	0.0694534	2.233472	2.233472	1.26307	10.2648	7.22388	1
cg21193175	TBL2	0.376293	0.862409	1.05916	1.05916	0.597559	1.92762	1.9276	0.559757	1.35953	1.35953	0.116603	0.428913	1.3068	1.3068	0.260262	0.675597	1.44859	1.44859	1.44859	0.0179011	1.15247	1.15247	0.698533	0.879011	-1.13764	0.315841	0.709188	1.41009	1.26307	2.19632	1.54567	1
cg27456707	MACROD1	0.376295	0.527828	0.708939	-1.41056	0.0382422	0.274854	-3.6383	0.0696023	0.335755	-2.97836	0.936939	0.95834	-1.04347	0.519962	0.704163	-1.42013	0.64568	0.779607	-1.2827	0.686512	0.803969	-1.24383	0.908166	0.93983	-1.06402	0.473902	1.47947	1.47947	1.26306	5.78524	4.07142	1
cg05920870	PCOLCE	0.376299	0.876831	1.05829	1.05829	0.32217	1.03634	1.03634	0.277679	0.662087	-1.51057	0.614954	0.830986	-1.20353	0.241585	0.640398	-1.56153	0.940398	0.427243	-2.34055	0.0814069	0.499835	-2.02497	0.919407	1.03762	1.03762	0.491863	0.774915	-1.29046	1.26305	2.66898	1.87833	1
cg06375534	KLHL24	0.376302	0.485936	0.658178	-1.51923	0.159476	2.14648	2.14648	0.0512746	3.03707	3.03707	0.99664	0.998039	0.998754	-1.00125	0.801153	1.13647	1.13647	1.13647	1.13647	0.0744673	1.29948	1.29948	0.653856	0.795294	-1.2574	0.570741	1.33743	1.33743	1.26304	5.15112	3.6252	1
cg25400396	ZNF814 ZNF250;ZNF502;ZNF502;ZNF502;ZNF502	0.376304	0.40196	0.695493	-1.43783	0.0782765	2.28894	2.28894	0.988773	1.00597	1.00597	0.45293	1.38221	1.38221	0.141948	0.512517	-1.95115	0.801369	1.11262	1.11262	0.375458	0.680402	-1.46972	0.36586	1.48186	1.48186	0.643486	0.820941	-1.21811	1.26304	3.58486	2.52292	1
cg15604051	ZNF502;ZNF502;ZNF502	0.376309	0.934339	1.01415	1.01415	0.189801	1.26717	1.26717	0.016509	1.64773	1.64773	0.908605	1.01977	1.01977	0.67804	1.07377	1.07377	0.887008	0.976051	-1.02454	0.720467	1.06319	1.06319	0.655864	1.07947	1.07947	0.340933	1.18214	1.18214	1.26302	0.585505	0.409251	1
cg18780751	IKBKG;IKBKG;GEPD;GEPD;IKBKG;IKBKG	0.376314	0.127202	0.291529	-3.43019	0.896221	0.907085	-1.10243	0.662821	0.720469	-1.38798	0.118161	3.55302	3.55302	0.144126	3.23027	3.23027	0.281342	0.433135	2.30875	0.909819	1.08836	1.08836	0.889952	1.109	1.109	0.795509	1.20947	1.20947	1.26301	11.1704	7.86156	1
cg18004902	MPHOSPH10;MCEE	0.376315	0.687505	1.05518	1.05518	0.24858	0.851978	-1.17374	0.655842	0.942161	-1.06139	0.499052	1.09541	1.09541	0.913248	1.01448	1.01448	0.028137	0.708657	-1.41112	0.40101	1.11894	1.11894	0.64146	0.94009	-1.06373	0.905019	1.01598	1.01598	1.26301	0.352885	0.248356	1
cg07163456	C3orf59	0.376324	0.625702	0.732266	-1.36555	0.579795	1.49185	1.49185	0.34892	1.34099	1.34099	0.0482403	1.940195	1.940195	0.305424	1.36482	1.36482	0.918265	0.93728	-1.06673	0.81634	0.955426	1.04675	0.963436	0.955426	-1.80289	0.127128	0.35307	-2.8323	1.26299	7.96505	5.60578	1
cg19176096	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.376331	0.79474	1.12053	1.12053	0.0333042	0.96181	0.96181	0.24014	1.71057	1.71057	0.689131	1.19186	1.19186	0.465983	0.723376	-1.38241	0.593652	1.26499	1.26499	0.586838	0.787022	-1.27061	0.408401	0.691371	-1.4464	0.705583	0.84733	-1.18018	1.26297	3.81082	2.68208	1
cg16638793	MEIOM	0.376334	0.372698	0.828009	-1.21801	0.224705	1.08895	1.08895	0.807245	1.48139	1.48139	0.197655	0.354147	1.35147	1.35147	0.327705	0.870014	0.705646	1.06857	1.06857	0.748407	0.93663	-1.06846	0.373732	0.820078	-1.21806	0.34297	0.931541	0.657036	1.26295	1.08645	0.670736	1
cg26118738	VGLL4;VGLL4	0.376336	0.234639	0.738316	-1.35443	0.622773	0.904624	1.10543	0.968472	0.990421	-1.00967	0.0321457	0.542708	-1.84261	0.670686	1.10701	1.10701	0.717698	1.09244	1.09244	0.26426	0.744192	-1.34374	0.911515	0.973291	-1.02744	0.426259	1.21877	1.21877	1.26296	1.18628	0.834918	1
cg20104456	KLK13	0.376342	0.425367	1.37441	1.37441	0.0600389	2.29006	2.29006	0.630889	0.827679	-1.2082	0.611947	0.818844	-1.22123	0.956763	1.02141	1.02141	0.592612	1.23491	1.23491	0.299802	0.656633	-1.52292	0.660898	1.18822	1.18822	0.109662	1.97652	1.97652	1.26295	3.05288	2.14868	1
cg18301797	LYRM4;LYRM4	0.376349	0.85235	1.0031	1.0031	0.0425284	1.59156	1.59156	0.0842584	2.12545	2.12545	0.191	0.903624	1.34665	1.34665	0.421403	1.18347	0.715678	1.22128	1.22128	0.567376	1.14841	1.14841	0.729306	1.20905	1.20905	0.804556	1.1451	1.1451	1.26295	0.597308	0.42043	1
cg08962293	MAPK3;MAPK3;MAPK3	0.37635	0.208142	0.703159	-1.42215	0.753954	1.08702	1.08702	0.978511	1.00717	1.00717	0.829315	1.05897	1.05897	0.681596	1.11569	1.11569	0.103878	1.60307	1.60307	0.156278	0.668669	-1.49551	0.942689	0.981101	-1.01926	0.163008	0.67357	-1.48463	1.26293	1.40862	0.991433	1
cg23475482	CCJ2	0.376356	0.92118	1.01964	1.01964	0.0380556	0.645474	1.54978	0.0842584	2.12545	2.12545	0.191	0.903624	1.34665	1.34665	0.421403	1.18347	0.715678	1.22128	1.22128	0.567376	1.14841	1.14841	0.729306	1.20905	1.20905	0.804556	1.1451	1.1451	1.26293	0.597308	0.42043	1
cg02760555	PLBD2;PLBD2	0.376358	0.15616	0.432893	-2.31004	0.420819	0.635162	-1.5744	0.571419	0.729318	-1.37114	0.129654	0.40512	-2.46841	0.0724369	0.330787	3.02309	0.124396	0.399237	2.50478	0.849384	0.900394	-1.11062	0.967104	1.02302	1.02302	0.165898	0.442436	-2.26021	1.26291	0.91972	0.428793	1
cg05384135	HLA-E	0.37636	0.120173	0.88085	1.88085	0.434678	1.3481	1.3481	0.318765	0.679153	-1.47242	0.388275	1.39286	1.39286	0.43277	1.34985	1.34985	0.302541	1.49216	1.49216	0.0630585	2.18318	2.18318	0.905394	0.956423	-1.04556	0.782982	0.901708	-1.10901	1.2629	2.80873	1.97691	1
cg04674495	HS3ST1	0.376362	0.697651	1.08254	1.08254	0.238558	2.96715	2.96715	0.122455	2.34099	2.34099	0.990317	0.994194	-1.00425	0.805842	1.36294	1.36294	0.940001	1.06255	1.06255	0.663889	1.03889	1.03889	0.21845	1.55297	-1.80841	0.58706	1.76852	-1.30098	1.2629	4.60482	3.24109	1
cg02463653	PTPRS;PTPRS;PTPRS;PTPRS	0.376366	0.657345	1.05126	1.05126	0.268573	1.13773	1.13773	0.050202	1.28402	1.28402	0.817215	1.02626	1.02626	0.430421	0.913821	1.09431	0.333275	1.11824	1.11824	0.151383	1.18784	1.18784	0.528896	1.07405	1.07405	0.17578	1.17492	1.17492	1.26289	0.250795	0.176523	1
cg22175781	PCCA;PCCA	0.376368	0.129125	0.763253	-1.30975	0.327476	0.688168	-1.51752	0.802936	0.953156	-1.04915	0.0497121	0.953156	-1.04915	0.0497121	0.580303	-2.0193	0.356356	1.16168	1.16168	0.326394	1.43462	1.43462	0.317907	1.32456	-1.38075	0.512514	1.267	1.267	1.26289	2.53863	1.78907	1
cg27170816	MICALCL	0.37637	0.942806	0.950827	-1.05172	0.22229	0.145896	-6.85419	0.159973	0.958287	-2.61428	0.719981	1.28786	1.28786	0.441445	0.576014	-1.73607	0.844522	1.871112	-1.14796	0.368734	0.522679	-1.91322	0.357002	0.51389	-1.94594	0.852813	1.13942	1.13942	1.26288	8.87818	6.95284	1
cg01290009	KNDC1	0.376371	0.987736	0.991691	-1.00838	0.662648	1.26909	1.26909	0.267342	1.87252	1.87252	0.665001	0.789382	-1.26681	0.328019	0.578058	-1.72993	0.430539	1.54771	1.54771	0.270452	0.536391	-1.86431	0.0550859	0.307075	-3.25653	0.555474	1.38227	1.38227	1.26288	5.80421	4.1487	1
cg23756264	CPT1A;CPT1A	0.376373	0.788186	1.04555	1.04555	0.0888124	1.184	1.184	0.0842584	2.12545	2.12545	0.191	0.903624	1.34665	1.34665	0.421403	1.18347	0.715678	1.22128	1.22128	0.567376	1.14841	1.14841	0.729306	1.20905	1.20905	0.804556	1.1451	1.1451	1.26287	0.597308	0.42043	1
cg16364833	SNRNP27	0.376378	0.605567	1.12252	1.12252	0.876545	0.03509	2.03509	0.105598	0.675535	-1.48031	0.620876	0.895279	-1.11697	0.0824464	1.53235	1.53235	0.323873	1.25428	1.25428	0.336199	0.222329	1.11648	1.11648	0.957354	0.988205	-1.01194	1.26286	0.984581	0.693017	1
cg09624444	MAD1L1;MAD1L1;MAD1L1	0.376379	0.602885	1.14254	1.14254	0.0602	1.74296	1.74296	0.0842652	2.12545	2.12545	0.191	0.903624	1.34665	1.34665	0.421403	1.18347	0.715678	1.22128	1.22128	0.567376	1.14841	1.14841	0.729306	1.20905	1.20905	0.804556	1.1451	1.1451	1.26287	0.597308	0.42043	1
cg14333176	FEM1C	0.37638	0.232814	0.796366	-1.2557	0.157136	1.31701	1.31701	0.0818728	1.42033	1.42033	0.382674	0.84965	-1.17696	0.35068	1.19103	1.19103	0.883004	1.02716	1.02716	0.968164	0.992761	-1.00729	0.838569	0.963556	-1.03782	0.395132	1.17175	1.17175	1.26286	0.662465	0.466291	1
cg18361621	SEC23IP	0.376387	0.621417	1.12748	1.12748	0.378405	1.15627	1.15627	0.0858856	1.24098	1.24098	0.961923	1.00889	1.00889	0.506145	1.28645	1.28645	0.150859	1.58315	1.58315	0.0619493	2.09511	2.09511	0.20178	2.03983	2.03983	0.0249532	2.20918	2.20918	1.26285	1.67658	1.16284	3.65092	2.57974	1
cg28262821	DENND5A	0.376397	0.805216	0.900788	-1.11034	0.725455	1.64142	1.64142	0.36084	0.796167	1.25604	0.982669	1.01708	1.01708	0.907604	0.982669	-1.01764	0.107893	0.71527	-1.21077	0.365369	1.48412	1.48412	0.0368795	0.350152	-2.8559	0.184551	0.940419	-1.06336	1.29105	3.57754	2.15524	1
cg21842664	CAB39;CAB39;CAB39;CAB39;CAB39	0.376398	0.0339736	0.578788	-1.72775	0.242883	1.30994	1.30994	0.829855	1.04869	1.04869	0.773536	0.938251	-1.06581	0.252287	0.767831	-1.30237	0.595499	0.888369	-1.12566	0.761259	1.06964	1.06964	0.405569	0.828627	-1.20682	0.606411	0.891536	-1.12166	1.2628	0.976086	0.687063	1
cg24840277	PARVA	0.376403	0.587072	1.12546	1.12546	0.0625954	1.7634	1.7634	0.209061	0.52207	-1.9151	0.538899	1.27425	1.27425	0.480759	1.30437	1.30437	0.410256	0.731835	1.36643	0.0519358	1.99287	1.99287	0.86538	1.3049	1.06493	0.780459	1.05778	1.05778	1.2628	2.74906	1.93507	1
cg00002028	PINK1;PINK1	0.376403	0.318688	0.802672	-1.24584	0.878053	0.967781	-1.03329	0.907605	0.975541	-1.02507	0.561064	1.13355	1.13355	0.387542	0.827868	-1.20792	0.080205	0.661073	-1.51269	0.0425879	0.60777	-1.64536	0.479148	0.857747	-1.16584	0.405484	0.833996	-1.19905	1.2628	0.909817	0.640423	1
cg12279734	MOMP4	0.376404	0.767471	0.736262	-1.35821	0.502484	0.495258	-2.01927	0.884122	0.860204	-1.16251	0.567102	0.550274	-1.81728	0.162853	0.274599	-4.65618	0.257598	0.929266	-1.08029	0.625955	0.0652563	-15.3242	0.586625	1.76279	1.76279	0.378583	0.939455	-2.54159	1.2628	21.3256	15.0097	1
cg10278229	MYPN	0.376406	0.86505	1.03728	1.03728	0.454668	0.748291	-1.33638	0.822187	0.431294	-2.31686	0.878847	0.941295	-1.06237	0.532056	0.780149	-1.27251	0.153616	0.55893	-1.78807	0.227295	0.145337	-6.87855	0.0350106	0.303287	-3.29705	0.0650601	1.18959	-1.18959	1.26279	2.8994	2.04091	1
cg03354957	CNST;TF82M;CNST;TF82M	0.376411	0.762803	0.971817	-1.029	0.348167	1.09552	1.09552	0.0530977	1.23068	1.23068	0.499258	1.06692	1.06692	0.241563	1.12274	1.12274	0.39743	1.08528	1.08528	0.183704	0.875281	-1.14249	0.548872	1.05896	1.05896	0.61236	1.04944	1.04944	1.26278	0.1784	0.125578	1
cg14881209	CCDC151;PRKCSH;PRKCSH	0.376424	0.0275	1.80254	1.80254	0.0148096	0.645474	1.54978	0.0842584	2.12545	2.12545	0.191	0.903624	1.34665	1.34665	0.421403	1.18347	0.715678	1.22128	1.22128	0.567376	1.14841	1.14841	0.729306	1.20905	1.20905	0.804556	1.1451	1.1451	1.26278	0.597308	0.42043	1
cg27003571	GTDC1;GTDC1	0.376428	0.710437	1.10158	1.10158	0.269599	0.742124	-1.34748	0.1711	0.685194	-1.45944	0.880336	1.03985	1.03985	0.879722	1.04006	1.04006	0.104073	1.58568	1.58568	0.122792	1.53285	1.53285	0.670547	1.1174	1.1174	0.782978	0.930878	-1.07425	1.26274	1.34588	0.947414	1
cg18730298	ELOVL6;ELOVL6	0.376429	0.301567	0.749459	-1.40044	0.949256	1.01421	1.01421	0.53073	0.868703	-1.15114	0.310645	0.792533	-1.26178	0.557323	0.87978	-1.13655	0.0359704	0.580276	-1.72332	0.482658	1.17134	1.17134	0.753807	1.07222	1.07222	0.162853	0.812783	-1.23034	1.26273	0.98253	0.691642	1
cg22821462	TMTC4;TMTC4	0.376432	0.987729	0.93972	1.00372	0.594056	0.878051	-1.13889	0.261368	1.32733	1.32733	0.408735	0.81524	-1.22653	0.194547	0.717657	1.39342	0.277036	0.760854	-1.31431	0.397432	1.26448	1.26448	0.145849	1.4581	1.4581	0.26273	1.16885	1.16885	1.26273	0.822798	1
cg19832952	PIAS4	0.376433	0.842487	1.03793	1.03793	0.887779	0.979928	-1.02677	0.624406	1.09672	1.09672	0.725878	1.06808	1.06808	0.0122497	1.79286	1.79286	0.429596	1.16283	1.16283	0.792185	1.05064	1.05064	0.465908	1.14893	1.14893	0.445836	1.1565	1.1565	1.26273	0.700062	0.492803	1
cg19077665	IMPA2;IMPA2	0.376436	0.525744	1.0158	1.0158	0.40044	0.949256	1.01421	1.01421	0.53073	0.868703	-1.15114	0.310645	0.792533	-1.26178	0.557323	0.87978	-1.13655	0.0359704	0.580276	-1.72332	0.482658	1.17134	1.17134	0.753807	1.07222	1.07222	0.162853	0.812783	-1.23034	0.162873	0.98253	0.691642	1
cg08017756	LONRF2	0.376437	0.919941	1.04186	1.04186	0.127709	1.86767	1.86767	0.0570483	2.26306	2.26306	0.289244	1.51781	1.51781	0.937121	0.970516	-1.03038	0.561228	0.800243	-1.24962	0.321772	0.678233	-1.47442	0.224059	0.874194	-1.14391	0.725274	1.1432	1.1432	1.26272	2.87735	2.0255	1
cg25333183	ARID1B;ARID1B;ARID1B	0.376447	0.871638	1.04965	1.04965	0.670253	1.21576	1.21576	0.0838924	1.66424	1.66424	0.183779	1.18379	1.18379	0.909403	1.03198	1.03198	0.629215	0.560827	-1.78353	0.0194631	0.960009	1.04167	1.04167	0.0864806	1.69344	1.69344	0.0693117	1.44227	1.44227	0.0884737	1.32453	1.32453	0.0088677	1.32453	1.32453	1.26272	2.88735	2.02255	1
cg01646665	TMEM79;SMG5	0.376449	0.120029	0.429293	-2.32941	0.891158	0.933657	-1.07106	0.555678	1.34829	1.34829	0.64759	1.25955	1.25955	0.172974	0.483315	2.06905	0.423409	0.663685	-1.50674	0.0950119	0.398582	-2.50889	0.143148	0.454327	-2.20106	0.645162	0.79256	-1.26173	1.26269	1.02733	0.533905	1
cg14590331	CAMSAP1	0.376453	0.168463	0.840473	-2.4748	0.602309	1.38352	1.38352	0.216678	2.23155	2.23155	0.598282	1.38861	1.38861	0.0776769	0.29795	-3.35626	0.441157	1.62418	1.62418	0.063181	0.72337	-1.38242	0.96578	0.973858	-1.02684	0.441677	0.616049	-1.62325	1.26268	7.62487	5.36767	1
cg24353466	RNF13;RNF13;RNF13;RNF13	0.376454	0.180524	1.38254	1.38254	0.0749705	0.872387	1.12159	0.13559	2.27629	2.27629	0.938774	1.13412	1.13412	0.148634	1.18789	1.18789	0.552422	0.832857	1.20022	0.122572	0.137353	0.702583	1.44597	0.0622864	1.62708	1.62708	0.130743	1.35205	1.35205	1.26268	0.247021	0.173896	1
cg04288012	HUWE1	0.376461	0.330703	0.0519677	-19.2427	0.74371	0.391904	-2.55165	0.884351	0.660815	-1.51328	0.501616	0.718637	1.78637	0.492677	2.51057	2.51057	7	7	7	0.137101	0.00700908	-142.672	7	7	7	0.120861	0.00523159	-191.146	1.45614	126.348	49.5826	1
cg19781955	TBC1D16	0.376467	0.301567	0.749459	-1.40044	0.949256	1.01421	1.01421	0.53073	0.868703	-1.15114	0.310645	0.792533	-1.26178	0.557323	0.87978	-1.13655	0.690043	1.05823	1.05823	0.0259116	1.4375	1.4375	0.505901	0.909105	-1.09998	0.692644	0.945456	-1.05769	1.26266	0.988594	0.280602	1
cg20087413	PDLIM3;PDLIM3 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.376462	0.559959

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06679752	KPNA3	0.376851	0.431335	0.853742	-1.17406	1.010739	1.43038	1.43038	0.174557	1.33449	1.33449	1.334049	0.2728115	1.2528351	0.7582205	-1.25281	0.760079	-1.05476	1.05476	0.973849	0.993472	-1.00657	0.438445	0.853929	-1.17106	0.395146	1.19306	1.19306	0.262516	1.26291	1.26174	0.797753	0.562013	1
cg06761338	TLCD1;TLCD1;NEK8	0.376856	0.755713	0.914601	-1.09337	0.291736	1.36741	1.36741	0.507562	0.825061	-1.21203	0.141342	1.57213	1.57213	0.885609	0.959661	-1.04203	0.253617	1.40638	1.40638	0.120926	0.618128	-1.61779	0.320349	0.745494	-1.34139	0.861816	1.0511	1.0511	1.26173	1.63495	1.15183	1
cg17026303	LOC100128640;ACVR2B	0.37686	0.0632375	1.51726	1.51726	0.880292	0.970374	-1.03053	0.647608	0.912251	-1.09619	0.873865	0.968793	-1.03221	0.673504	0.918907	-1.08825	0.506795	-1.97919	0.291055	0.676124	-1.47902	0.205737	0.630594	-1.61098	0.607422	1.20336	1.20336	1.2617	2.54987	1.79642	1
cg11863387	COMT;COMT;COMT;COMT	0.376867	0.202834	0.618628	-1.61648	0.400906	0.715577	-1.3978	0.710102	0.875132	-1.14268	0.76462	1.11323	1.11323	0.0908802	0.514008	-1.94515	0.085261	1.50679	-1.97919	0.291055	0.676124	-1.47902	0.205737	0.630594	-1.61098	0.607422	1.20336	1.20336	1.2617	2.54987	1.79642	1
cg11802781	SHANK2;SHANK2	0.376869	0.617971	0.7693	-1.29988	0.103704	2.54617	2.54617	0.346531	1.65807	1.65807	0.571292	1.34775	1.34775	0.257536	0.539914	-1.85215	0.179001	2.10574	2.10574	0.444967	0.666194	-1.50106	0.303395	1.74378	1.74378	0.424939	1.52964	1.52964	1.2617	5.43716	3.83058	1
cg26326208	PTPRE;PTPRE	0.376879	0.82581	0.926935	-1.07882	0.308109	1.43783	1.43783	0.645514	0.852621	-1.17285	0.432591	1.750057	-1.13742	0.18486	1.62267	1.62267	0.3409	1.40191	1.40191	0.0591182	0.208245	2.08245	0.451442	1.30225	1.30225	0.496538	0.788447	-1.26825	1.62657	2.36767	1.6681	1
cg03508348	KRT14	0.376883	0.204458	0.449213	-2.22612	0.655496	1.30782	1.30782	0.551653	0.697736	-1.43121	0.287361	0.516753	-1.93516	0.199442	0.444766	-2.24837	0.243006	0.481843	-2.07536	0.0665015	0.292353	-3.42052	0.106176	0.348372	-2.87049	0.399191	0.59702	-1.67499	1.26166	7.13661	5.02801	1
cg18516105	KRT24	0.376884	0.154268	1.55413	1.51613	0.530791	0.837213	1.55444	0.385321	0.78846	-1.27639	0.561198	0.851817	-1.17396	0.250566	1.38772	1.38772	0.270046	0.730876	1.36823	0.686994	0.896162	-1.11587	0.121743	1.58079	1.58079	0.938964	1.02464	1.02464	1.26166	1.48899	1.04905	1
cg09010044	PCYT2	0.376888	0.483156	1.1804	1.1804	0.575013	1.0749	1.0749	0.544283	0.866907	-1.15353	0.39624	1.22407	1.22407	0.329226	0.791093	1.26407	0.0416642	0.578968	-1.72721	0.937705	1.01836	1.01836	0.979569	1.0223	1.0223	0.867292	0.734215	1.362	1.26165	1.08221	0.762466	1
cg26923410	AQP1	0.376892	0.162751	0.334334	-2.99102	0.0698289	0.225224	-4.44002	0.108173	0.275639	-3.62794	0.20918	0.378735	-2.64037	0.22777	0.394203	-2.53676	0.398197	0.529405	-1.88891	0.178197	0.349299	-2.86287	0.321342	0.470797	-2.12406	0.226303	0.392929	-2.54499	1.26164	10.8022	7.61068	1
cg16931465	ZBTB2	0.376894	0.84668	1.26121	1.26121	0.880292	1.2026	1.2026	0.415216	0.706464	-1.26358	0.428514	0.779737	-1.28254	0.0995	1.2642	1.2642	0.2011151	1.15852	1.15852	0.481597	0.830994	1.20351	0.0156	1.9548	0.4608991	1.2538	1.2538	1.28879	1.88281	1.13538	1
cg13514824	ROBO1;ROBO1;ROBO1;ROBO1	0.376897	0.162998	0.618149	-1.61773	0.354886	0.735328	-1.35599	0.214594	0.655712	-1.52506	0.491205	0.765962	-1.30555	0.0969712	0.555175	-1.80124	0.539084	0.818014	-1.22642	0.0396462	0.436302	2.07035	-1.4138	0.637542	0.857875	-1.16567	1.26163	2.085	1.469	1
cg21460503	TH1L	0.376907	0.348037	0.751464	-1.40358	0.172145	0.599792	-1.66724	0.422776	0.752688	-1.32857	0.331198	0.704504	-1.41944	0.0868223	0.514986	-1.9418	0.490051	0.781903	-1.27893	0.0788878	0.505643	-1.97758	0.0912861	0.525612	-1.9024	0.256592	0.660005	-1.51514	1.26161	2.40023	1.7194	1
cg15417365	SEPT4;SEPT4	0.376908	0.74098	1.09972	1.09972	0.998427	1.00056	1.00056	0.222837	1.43542	1.43542	0.0905482	1.7064	1.7064	0.146239	1.56352	1.56352	0.426157	1.26219	1.26219	0.695982	1.1191	1.1191	0.998913	1.00039	1.00039	0.0466058	1.92126	1.92126	1.2616	3.64073	1.51601	1
cg09908110	MACROD1	0.37691	0.175695	0.443469	0.443469	0.876956	1.17283	1.17383	0.337345	0.78207	1.78207	0.18594	0.626972	1.62697	0.270851	0.305479	-3.27355	0.698422	0.668479	-1.49593	0.80529	1.29109	1.29109	0.106573	0.618902	0.61892	7	7	1.25736	18.9412	15.0643	1
cg17885723	HUNK	0.37692	0.173333	0.788169	-1.26716	0.252292	0.822475	-1.21584	0.059728	0.745159	-1.34858	0.270037	0.828863	-1.20647	0.125379	0.762554	-1.31138	0.790332	1.04458	-1.04458	0.954151	0.741268	-1.34904	0.664966	0.931107	-1.07381	0.391975	0.866467	-1.15441	1.26159	0.533673	0.376213	1
cg21882563	SDK1;SDK1	0.376917	0.652438	1.0923	1.0923	0.225964	1.28097	1.28097	0.843793	0.962309	-1.03917	0.340649	1.21074	1.21074	0.254832	0.793317	-1.26053	0.841214	1.03984	1.03984	0.0375324	1.59994	1.59994	0.8000394	0.951786	-1.05066	0.782764	0.947598	-1.0553	1.26158	0.757772	0.533913	1
cg22693978	CERS5	0.376919	0.801328	0.972331	-1.04049	0.0985318	0.710698	-1.36056	0.288762	0.826564	-1.21012	0.115335	1.350094	-1.14202	0.0966102	0.658727	1.68003	0.401967	1.16016	1.16016	0.983678	1.00377	1.00377	0.929092	1.12589	1.12589	0.200814	1.02072	1.02072	1.26158	0.599282	0.422345	1
cg02130700	AGPAT9	0.37692	0.0942587	2.0287	2.0287	0.582293	1.19154	1.19154	0.103934	0.840194	1.40112	0.911204	0.859999	-1.1628	0.728915	0.625769	-1.59803	0.485007	0.383126	-2.61011	0.479234	0.378122	-2.64465	0.0881254	0.27965	-3.57603	0.709052	1.26156	36.3264	25.7364	1
cg06557208	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.376932	0.474397	1.2202	1.2202	0.471206	1.22202	1.22202	0.987083	1.00444	1.00444	0.15073	1.52396	1.52396	0.790264	1.07565	1.07565	0.183154	1.47428	1.47428	0.0303952	2.00594	2.00594	0.182519	1.47257	1.47257	0.696468	1.1132	1.1132	1.26155	1.49524	1.05355	1
cg19205533	RERG	0.376935	0.0526987	3.52053	3.52053	0.25702	1.96606	1.96606	0.146182	2.43869	2.43869	0.166373	2.32405	2.32405	0.954465	1.03317	1.03317	0.643468	0.766163	-1.30521	0.999333	1.0008	1.0008	0.377905	1.67702	1.67702	0.27151	1.92352	1.92352	1.26154	6.52494	4.59752	1
cg20914962	MLLT4;MLLT4;MLLT4	0.376938	0.993105	0.997339	-1.00263	0.957199	1.24387	1.24387	0.0772203	1.07236	1.07236	0.0898008	0.9511152	1.05151	0.149751	1.06757	1.06757	1.19005	0.840404	-1.19005	0.0705222	1.14532	-1.7022	0.0362538	1.07114	1.07114	0.0644634	0.8705222	-1.24205	0.0534574	0.541491	1.84675	0.26153	3.82955	1.14895	1.08893	1
cg01182660	ZNF280B	0.37694	0.563327	1.17989	1.17989	0.181266	0.669091	-1.49457	0.0367138	0.503011	-1.98802	0.339762	1.32124	1.32124	0.897252	0.9640482	1.03726	0.482896	1.22373	1.22373	0.977884	1.00788	1.00788	0.97913	1.00743	1.00743	0.969547	1.01087	1.01087	1.26153	1.60162	1.12852	1
cg21203061	HDAC11;HDAC11	0.376942	0.135645	1.3947	1.3947	0.459415	1.16862	1.16862	0.504089	1.15055	1.15055	0.49944	1.15237	1.15237	0.939568	1.01581	1.01581	0.709089	1.08061	1.08061	0.0960778	0.685191	-1.49845	0.71945	0.744757	-1.34272	0.776041	1.06078	1.06078	1.26152	0.854981	0.602433	1
cg24368588	ARFGAP1;ARFGAP1	0.376946	0.998506	0.999708	0.00022	0.690107	0.14815	-1.04813	0.326774	1.1929	1.1929	0.136519	1.36219	1.36219	0.0852681	1.13538	1.13538	0.464641	1.10088	1.10088	0.769531	1.03186	-1.38113	0.0296283	1.04713	1.04713	0.117579	0.81913	-1.22081	1.5652	0.275286	0.193972	1
cg06008345	TACI2	0.376948	0.251143	0.47038	-2.12594	0.103097	0.357876	-2.79427	0.304013	0.511896	-1.95352	0.347039	0.816043	-1.22543	0.266538	0.482781	-2.07133	0.184607	0.412647	-2.42338	0.0468351	0.238958	-4.18484	0.174268	0.402883	-2.48211	0.837106	0.878537	-1.13826	1.26151	7.90554	5.57042	1
cg08184340	ATIC	0.376953	0.144827	1.45417	1.45417	0.184316	0.760141	1.31558	0.13948	0.854823	1.17015	0.12245	1.12345	1.12345	0.39766	1.42462	1.42462	0.0913548	1.55204	1.55204	0.315413	1.5241	1.5241	0.0244937	0.00959	1.10424	0.0115154	0.453868	0.708206	1.43702	1.26151	3.78564	2.52716	1
cg09636079	NEURL	0.376949	0.58726	0.782852	-1.27738	0.202951	1.26255	1.26255	0.122726	1.54515	1.82276	0.232142	1.75042	1.7502	0.973121	0.985064	-1.01516	0.842024	0.422428	0.373392	2.67815	0.710844	0.851397	-1.17454	0.429475	1.4337	1.4337	0.58302	1.28333	1.28333	0.910868	1.05159	1.05159	1.26151	1.98635	2.80888	1
cg01641778	BRD2	0.376949	0.794207	0.90807	-1.10124	0.433913	1.34252	1.34252	0.440594	1.33658	1.33658	0.109193	1.90179	1.90179	0.104331	0.51945	-1.92511	0.344159	0.698054	-1.43255	0.342036	0.662882	-1.43496	0.672445	1.16985	1.16985	0.973496	0.987819	-1.01233	1.26151	2.7188	1.91573	1
cg20540633	WDR27	0.376953	0.945512	0.978827	0.02163	0.873435	1.26873	1.26873	0.0714073	1.24583	1.24583	0.184089	1.16011	1.16011	0.427921	1.18756	1.18756	0.764818	0.913387	-1.0949	0.0132413	1.18756	1.18756	0.244318	0.253128	1.44375	1.44375	0.566745	0.839568	1.19109	1.26149	1.44825	1.28391	1
cg16605633	ATP10A	0.376958	0.576537	1.35101	1.35101	0.103644	0.395413	-2.529	0.711601	0.820353	-1.21899	0.437434	1.52562	1.52562	0.612285	1.31268	1.31268	0.699913	1.2294	1.2294	0.0939802	2.62668	2.62668	0.635959	0.775483	-1.28952	0.247171	0.524536	-1.90645	1.26149	1.68113	4.00313	1
cg12177407	SUT1	0.376958	0.323142	0.734315	0.734315	0.0793599	0.31587	-3.16677	0.0911337	0.443008	-2.25683	0.0923202	0.317236	3.15236	0.0898008	0.5511152	-1.69751	0.561757	1.19005	1.19005	0.0705222	1.14532	-1.7022	0.0362538	1.07114	1.07114	0.0644634	0.8705222	-1.24205	0.0534574	0.541491	1.84675	0.26153	3.82955	1.14895	1.08893	1
cg20999427	SOX5	0.376962	0.165461	0.303636	-3.29342	0.502002	1.73152	1.73152	0.297073	2.38941	2.38941	0.431186	1.91045	1.91045	0.130329	0.2680274	3.73031	0.262055	2.56584	2.56584	0.280764	2.46779	2.46779	0.805817	2.21951	2.21951	0.825601	1.1946	1.1946	1.26148	12.9705	9.13955	1
cg21203516	SH3GL1	0.376965	0.390275	0.762962	-1.31068	0.0909033	1.77245	1.77245	0.0799528	1.81682	1.81682	0.990899	0.9965011	-1.00351	0.623446	0.85892	-1.16425	0.341649	1.35138	1.35138	0.403949	1.30081	1.30081	0.260837	0.539047	1.43391	1.43391	0.733009	1.11097	1.11097	1.26147	1.88696	1.32964	1
cg13879442	ZNF777	0.376967	0.473003	1.26807	1.26807	0.208425	0.6219	-1.60811	0.326774	1.1929	1.1929	0.136519	1.36219	1.36219	0.0852681	1.13538	1.13538	0.464641	1.10088	1.10088	0.769531	1.03186	-1.38113	0.0296283	1.04713	1.04713	0.117579	0.81913	-1.22081	1.5652	0.275286	0.193972	1
cg08418138	ZNF670	0.376975	0.119799	0.295807	-3.38058	0.93703	1.05868	1.05868	0.873057	0.891013	-1.12232	0.34868	2.00629	2.00629	0.114635	0.289789	-3.44972	0.855353	0.876611	-1.14076	0.278026	0.443045	-2.2571	0.755956	0.798521	-1.25232	0.092105	0.262341	-3.81184	1.26145	10.4054	7.33227	1
cg08184340	ATIC	0.376975	0.134923	1.37519	1.37519	0.536606	0.876703	-1.11769	0.753651	1.05811	1.05811	0.221613	0.796247	-1.25589	0.0966102	0.658727	1.68003	0.517464	0.80816	-1.23756	0.0662141	0.409597	2.44037	-1.4009	0.809599	1.01456	1.01456	0.0145	0.17365	5.8244	1.26145	0.852404	0.244855	1
cg19579903	PPP1R10	0.37977	0.965497	1.02394	1.02394	0.102958	0.62561	1.62561	0.102726	2.65871	2.65871	0.985999	1.00964	1.00964	0.771493	0.852785	1.17263	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg15822982	LG1;LG1	0.376988	0.412448	0.737367	-1.35618	0.542372	1.25134	1.25134	0.638864	0.842103	-1.1875	0.377109	0.71927	-1.3903	0.5153	0.575287	-1.73826	0.473005	1.30319	1.30319	0.0424281	0.427544	-2.33894	0.323365	0.690142	-1.44898	0.943439	0.974552	-1.02613	1.26142	2.64089	1.86097	1
cg02920148	YIF1A	0.376991	0.960651	1.01394	1.01394	0.838661	1.23089	1.23089	0.334495	0.812683	-1.23089	0.334495	1.25481	1.25481	0.221613	0.796247	-1.25589	0.517464	0.80816	-1.23756	0.0662141	0.409597	2.44037	-1.4009	0.809599	1.01456	1.01456	0.0145	0.17365	5.8244	1.26142	0.852404	0.244855	1
cg06570818	AGPAT1;RNF5;RNF5P1	0.37004	0.18343	1.24204	1.24204	0.769773	1.0461	1.0461	0.0185676	1.55016	1.55016	0.956522	0.991662	-1.00841	0.464706	1.12106	1.12106	0.885609	0.978136	-1.02235	0.720043	0.947991	-1.05486	0.944828	1.01069	1.01069	0.627753	1.07793	1.07793	1.26138	0.471163	0.332028	1
cg22316634	CDM8	0.37007	0.53027	0.8037	1.8037	0.280425	0.6219	-1.60811	0.326774	1.1929	1.1929	0.136519	1.36219	1.36219	0.0852681	1.13538	1.13538	0.464641	1.10088	1.10088	0.769531	1.03186	-1.38113	0.0296283	1.04713	1.04713	0.117579	0.81913	-1.22081	1.5652	0.275286	0.193972	1
cg18910324	FAM46A	0.3701	0.0399674	2.65112	2.65112	0.904284	1.05064	1.05064	0.943526	1.02952	1.02952	0.311163	1.50947	1.50947	0.126266	1.97254	1.97254	0.546501	1.28481	1.28481	0.531061	1.29767	1.29767	0.336992	0.665965	-1.50158	0.436572	1.38533	1.38533	1.26136	3.36908	2.37421	1
cg05429427	ATP2C2	0.37012	0.828893	1.07127	1.07127	0.784316	0.760141	1.31558	0.13948	0.854823	1.17015	0.12245	1.12345	1.12345	0.39766	1.42462	1.42462	0.0913548	1.55204	1.55204	0.315413	1.5241	1.5241	0.0244937	0.00959	1.10424	0.0115154	0.453868	0.708206	1.43702	1.26136	3.78564	2.52716	1
cg08137669	LYSO	0.37014	0.208129	0.520346	-1.9218	0.0729944	0.332155	-3.01064	0.0760923	0.302546	-3.30531	0.974151	0.591674	-1.69012	0.104708	0.38297	-2.61117	0.360499	0.565865	-1.76721	0.123372	0.363882	-2.74814	0.244415	0.479294	-2.09077	0.727897	0.839236	1.19156	1.26135	1.73901	1.16483	1
cg00953233	SPOYE5	0.37017	0.55127	0.813738	-1.2289	0.158228	0.597037	-1.67494	0.58191	0.827393	-1.20862	0.0520081	0.469619	-2.12939	0.0821396	0.51762	-1.93192	0.278228	0.680103	-1.47036	0.181929	0.616043	-1.62326	0.321754	0.704691	-1.41906	0.713356	0.881481	-1.13445	1.26135	2.33537	1.64577	1
cg20661440	NRXN2;NRXN2	0.37019	0.794602	1.10231	1.10231	0.114924	0.683737	1.46273	0.0774073	1.24583	1.24583	0.184089	1.16011	1.16011	0.427921	1.18756	1.18756	0.764818	0.913387	-1.0949	0.0132413	1.18756	1.18756	0.244318	0.253128	1.44375	1.44375	0.566745	0.839568	1.19109	1.26149	1.44825	1.28391	1
cg09718640	CKAP2;CKAP2L	0.37023	0.478512	1.11844	1.11844	0.305601	0.673702	-1.48434	0.997226	0.99946	-1.00054	0.58446	1.00769	-1.0016	0.656268	1.07207	1.07207	0.887215	1.02229	1.02229	0.263883	0.835347	-1.19711	0.472121	1.1206	1.1206	0.429586	0.881361	-1.13461	1.26133	0.482145	0.339778	1
cg02069944	A21;A21	0.37031	0.250024	0.480173	-2.08258	0.0332624	0.234257	-4.26126	0.659852	0.772569	-1.29434	0.595176	0.73168	-1.3667	0.136535	0.392828	-2.54564	0.15605	0.41234	-2.42539	0.0474795	0.249257	-4.0121	0.658704	0.771879	-1.29554	0.818385	0.885325	-1.13183	1.26131	6.73871	4.7237	1
cg01579784	TSPAN18;TSPAN18	0.37039	0.0858585	1.57111	1.57111	0.0909206	0.750943	-1.33166	0.0822192	0.780169	-1.28167	0.312055	0.579633	-1.72523	0.0597292	0.302131	-3.02819	0.335681	0.595884	-1.67818	0.164539	0.2607	-3.83554	0.0221444	0.363886	0.764564	0.850355	0.914657	-1.09357	1.26129	5.42448	3.82851	1
cg16070850	PINX1	0.37041	0.446325	2.12379	2.12379	0.656095	1.54479	1.54479	0.79405	1.28896	1.28896	0.127584	2.02175	2.02175	0.194622	0.453677	2.09724	0.301266	2.82706	2.82706	0.186094	3.89708	3.89708	0.426043	2.20044	2.20044	0.183058	0.253092	-3.93852	1.26129	18.8072	13.2543	1
cg09180656	BTN2	0.37044	0.179589	0.69707	-1.43467	0.0561794	0.899746	-1.11142	0.0795703	0.883078	-1.13209	0.0923554	0.925753	-1.08021	0.0914802	0.481708	-2.07587	0.240961	0.373973	-2.67453	0.0274007	0.240961	-4.15025	0.71897	0.891465	0.87634	0.876316	0.914453	-1.09337	1.26129	1.14251	0.906153	1.12551	1
cg24193422	KIAA0312	0.37044	0.275203	0.668245	-1.49646	0.811124	1.08873	1.08873	0.498338	0.78342	-1.27645	0.830528	1.07908	1.07908	0.204344	0.621499	-1.60901	0.0239952	0.384381	-2.60158	0.792041	1.09837	1.09837	0.984276	1.00702	1.00702	0.48424	0.776921	-1.28713	1.26128	2.51872	1.77507	1
cg15617609	VPS37B	0.37055	0.0339806	1.62839	1.62839	0.552834	1.15215	1.15215	0.603744	0.84128	1.44128	0.501163	1.61061	1.61061	0.0219201	1.69207	1.69207	0.800866	0.832257	-1.19255	0.207783	0.683475	1.46326	0.0397738	0.855212	1.16926	1.16926	0.0156655	0.0179442	-1.46526	0.0387738	1.85522	1.85522	0.145226	0.379442	0.68048	1
cg24185785	IQCE;IQCE	0.37058	0.310576	0.807189	-1.24721	0.478118	1.16398	1.16398	0.336438	0.811656	-1.23205	0.172434	0.736563	-1.35766	0.559667	0.883261	-1.13217	0.220485	0.762446	-1.31157	0.401114	0.198836	0.166515	-1.36423	0.136423	0.685574	1.08948	1.08948	1.26125	0.88554	0.624101	1
cg06113708	COMTD1	0.37066	0.123898	0.579838	-1.72462	0.639775	0.857124	-1.16669	0.945833	1.02247	1.02247	0.306237	0.707176	-1.41407	0.179405	0.627233	-1.5943	0.0898815	0.542554	-1.84313	0.320167	1.39931	1.39931	0.460433	0.782081	-1.27864	0.691198	1.1395	1.1395	1.26123	2.13689	1.50604	1
cg06185056	TNS2;PAPSS2	0.37069	0.33659	0.74354	1.34354	0.145023	0.714954	1.39884	0.0776073	1.24583	1.24583	0.184089	1.16011	1.16011	0.427921	1.18756	1.18756	0.764818	0.913387	-1.0949	0.0132413	1.18756	1.18756	0.244318	0.253128	1.44375	1.44375	0.566745	0.839568	1.19109	1.26149	1.44825	1.28391	1
cg13433366	PER1	0.37071	0.551184	1.29986	1.29986	0.0524751	0.46925	-2.13106	0.0898068	0.526419	-1.89963	0.938896	1.02666	1.02666	0.611687	0.838898	-1.19192	0.365179	1.37611	1.37611	0.864548	0.949094	-1.06034	0.90901	0.96153	-1.04001	0.694933	1.14481	1.14481	1.26122	2.35178	1.6575	1
cg13878520	NIPT92	0.37089	0.414342	0.648408	-1.53823	0.0833605	0.753553	-1.32703	0.0858004	0.526364	-1.90141	0.952014	1.072955	-1.07606	0.722827	0.911811	-1.09704	0.0510046	1.61801	1.61801	0.0270567	1.3062	1.3062	0.627067	0.777078	-1.28687	0.0961243	0.39275	-2.54615	1.26118	0.0107	0.0076	1
cg07183267	TMOD4;VPS72	0.37096	0.0473195	0.300079	-3.33245	0.91696	0.946181	-1.05688	0.918268	1.05596	1.05596	0.889225	1.07672	1.07672	0.116132	0.404223	2.47382	0.678314	0.801524	-1.24762	0.198839	0.486657	-2.05484	0.637917	0.777679	-1.28588	0.139992	0.430725	-2.32167	1.26116	5.61995	3.96104	1
cg06629767	KIAA1274	0.37101	0.412753	0.826315	-1.21019	0.319504	1.26411	1.26411	0.878514	0.965752	-1.03546	0.408333	0.824752	-1.21249	0.601151	0.886776	-1.12768	0.850585	0.957947	-1.0439	0.0224165	0.536229	-1.86487	0.360119	0.810472	-1.23385	0.630947	0.89559	-1.11658	1.26115	1.03671	0.730701	1
cg13880999	NDC80;METTL4;METTL4	0.37106	0.559614	1.20844	1.20844	0.427293	0.680972	-1.46918	0.316767	1.37497	1.37497	0.0779385	1.81001	1.81001	0.0187757	1.74015	1.74015	0.709753	1.16353	1.16353	0.321394	0.890566	-1.12288	0.0187757	1.74015	1.74015	0.0823281	1.07584	1.07584	1.26114	1.23356	0.50366	1
cg02068538	PMF1	0.37111	0.742631	0.900103	-1.11098	0.476691	1.26	1.26	0.232612	0.670459	-1.49152	0.93683	1.02564	1.02564	0.0255363	0.4284	-2.33427	0.997261	1.0011	1.0011	0.71429	0.889194	-1.12461	0.406059	1.31192	1.31192	0.868905

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1317 vs. N)	Fold-Change(1 vs.1317)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	F(Error)
sjd6702721	KCTD21;LSP35	0.377481	0.0877857	1.5891	0.54391	1.7016595	1.09276	1.09276	0.509197	1.16689	1.16689	0.226666	0.746334	-1.33988	0.339966	1.25443	1.25443	0.140754	1.44079	1.44079	0.196856	1.36956	0.856886	1.03365	1.03365	0.747256	1.06039	0.747921	1
qd2436680	MTUS2;MTUS2	0.377483	0.263236	0.57681	-1.73367	0.754186	1.15973	1.15973	0.530418	0.74095	-1.34962	0.443409	1.44579	1.44579	0.184309	0.514599	1.94326	0.220357	1.83657	1.83657	0.168004	2.00005	0.277805	1.70307	1.70307	0.702738	0.834526	-1.19829	1.26024	0.44229	3.13328	1
qs2540333	GK5	0.377485	0.284596	0.74641	-1.33975	0.974808	0.991726	-1.00834	0.814214	1.0639	1.0639	0.237611	0.722142	-1.38477	0.368271	0.78414	-1.27528	0.69333	0.900966	-1.10992	0.0274018	0.503277	-1.98698	0.965985	1.01128	1.01128	0.179186	0.686973	-1.45566	1.26024	1.58194	0.974728	1
qs1638761	C14orf43;C14orf43	0.377487	0.1005574	0.31179	-3.20818	0.303212	0.501612	-1.99556	0.076561	0.278964	-3.5847	0.9689	0.975051	-1.02559	0.321999	0.522924	-1.91232	0.874875	0.902915	-1.10756	0.531128	1.50822	1.50822	0.332329	1.91197	1.91197	0.966585	0.973217	-1.02752	1.02823	0.838279	5.91269	1
qd5004785	ZMYM6;ZMYM6	0.37749	0.8505116	1.0387	0.0654122	0.659532	-1.51623	0.667398	1.0909	1.0909	0.875351	1.0321	0.175722	1.33612	1.33612	0.520077	1.14023	1.14023	0.161678	0.740248	-1.3509	0.514889	0.875545	-1.14215	0.876164	0.969101	-1.03188	1.26023	0.808464	0.570243	1
qs0917414	ANKLE2	0.377501	0.2193357	0.809021	-1.23938	0.470462	1.12969	1.12969	0.194809	1.25581	1.25581	0.50183	0.892958	1.11987	0.228699	0.810728	-1.23346	0.190863	0.794498	-1.25866	0.490138	0.890095	-1.12348	0.945565	1.17509	1.17509	0.450144	0.888023	-1.13633	1.2602	0.550588	0.38836	1
qs2958231	SPATA4	0.377504	0.762469	0.803696	-1.24425	0.674467	1.35602	1.35602	0.766973	0.807154	-1.23892	0.355394	1.98451	1.98451	0.547762	1.55043	1.55043	0.58243	1.49233	1.49233	0.839002	0.863588	-1.15796	0.0219359	0.137809	-7.35642	0.778428	1.22551	1.22551	1.26019	10.3734	7.31694	1
qs1347153	C8orf79	0.377505	0.05586	0.707398	-1.41396	0.328663	1.75712	1.75712	0.853105	0.937305	-1.06688	0.407302	1.24568	1.24568	0.847726	1.05108	1.05108	0.234506	1.18122	1.18122	0.308374	1.10214	1.10214	0.277375	1.34014	1.34014	0.598076	0.868453	-1.15137	1.26019	1.34059	0.945599	1
qs0140585	FBXO41 DNAJC7;DNAJC7;DNAJC7;DNAJC7;NKIR	0.377505	0.181686	0.305131	-3.27534	0.458907	0.532001	-1.8797	0.36432	0.458356	-2.18171	0.167445	0.291882	-3.42604	0.0375381	0.132733	-7.53393	0.218393	0.338444	-2.9547	0.181454	0.305095	-3.27767	0.358411	0.453704	-2.20408	0.277141	0.388345	2.57503	1.26019	13.9771	9.85892	1
qs1540619	AS2	0.377506	0.165866	0.236551	-4.22743	0.22092	3.50919	3.50919	0.30615	0.355713	-2.81125	0.464811	0.483963	-2.06627	0.732505	0.71555	-1.39753	0.0872528	6.30915	6.30915	0.740573	1.38285	1.38285	0.722475	1.41608	1.41608	0.67522	1.50847	1.50847	1.26019	18.9952	13.3985	1
qs1514174	SH3RF1	0.377512	0.969333	0.0931026	-1.00611	0.881639	1.32795	1.32795	0.829068	0.968821	-1.03218	0.53035	0.910809	-1.09793	0.305676	0.855657	-1.16869	0.704329	1.05764	1.05764	0.140437	1.26248	0.463148	1.11601	1.11601	0.28922	0.850705	-1.1755	1.26018	0.431132	0.304107	1
qs0438289	LIX1L;LIX1L	0.377513	0.266142	1.24112	1.24112	0.368604	1.18787	1.18787	0.371699	1.23778	1.23778	0.699237	1.07256	1.07256	0.813562	1.04508	1.04508	0.251786	1.25008	1.25008	0.161908	1.08098	-1.13409	0.741984	0.940264	-1.06353	0.0833821	1.42949	1.42949	1.26016	0.693702	0.489122	1
qs1745755	ADAMTS10	0.377522	0.0382966	1.89958	1.89958	0.973578	0.991187	-1.00889	0.977903	1.00743	1.00743	0.526872	0.8425115	-1.18692	0.597278	0.867189	-1.15315	0.929556	0.976645	-1.02391	0.215779	0.705964	-1.4165	0.276078	0.35366	1.35366	0.613001	1.14605	1.14605	1.26015	1.42566	1.00563	1
qs0104377	STOX2	0.377524	0.647397	0.869224	-1.15045	0.123972	0.602274	-1.66037	0.547393	0.830852	-1.20358	0.859984	1.05521	1.05521	0.198129	0.910819	0.656011	-1.52437	0.180366	1.5418	1.5418	0.538921	1.20845	0.891306	0.51096	1.51096	0.846811	1.06063	1.06063	1.26015	1.84862	1.30399	1
qs2642006	SOCS1	0.377525	0.0572605	1.80429	-1.12026	0.263389	0.791934	-1.26273	0.624553	1.10203	1.10203	0.424957	0.780229	1.28206	1.28206	0.373546	1.19953	1.19953	0.356894	1.20771	1.20771	0.16939	1.33852	1.33852	0.608236	1.10846	1.10846	0.137744	1.37485	1.37485	1.26013	0.791695	0.538458	1
qs1367168	ASPSCR1	0.377536	0.958715	1.01697	1.01697	0.740962	0.897796	-1.11384	0.246217	0.674284	-1.48305	0.227652	0.662612	-1.50918	0.10032	0.557064	-1.79513	0.178684	0.628563	-1.59093	0.280214	0.44022	1.44022	0.546939	1.21908	1.21908	0.607951	1.1821	1.1821	1.26012	2.10779	1.48684	1
qs0183539	UG3;UG3	0.377539	0.227501	0.691391	-1.44692	0.654133	0.887014	-1.12758	0.26291	0.675973	-1.47935	0.535563	0.832943	-1.20056	0.30168	0.732157	-1.36583	0.855529	0.948286	-1.05453	0.0607049	1.81844	1.81844	0.57896	1.1774	1.1774	0.730777	1.10587	1.10587	1.26011	1.69406	1.195	1
qs2367723	MAST2	0.377555	0.265165	0.910179	-1.99508	0.637656	0.218172	-4.58364	0.241292	0.459331	-2.17078	0.775274	1.38754	1.38754	0.262503	0.483036	-2.07024	0.456191	0.836626	-1.57078	0.147579	0.396702	-2.52078	0.921918	0.94333	-1.06025	0.607007	1.70662	1.70662	4.98469	1
qs0725010	VPS53	0.377557	0.0436712	0.489103	-2.04456	0.221209	0.672624	-1.48672	0.578948	0.84125	-1.18871	0.620043	1.16664	1.16664	0.485924	1.24402	1.24402	0.944054	1.02188	1.02188	0.311103	1.38152	1.38152	0.501668	1.23404	1.23404	0.91182	0.966414	-1.03475	1.26007	1.89794	1.33887	1
qs0304299	LL7NA	0.377558	0.5451	1.1349	1.1349	0.573446	0.185823	-1.12473	0.708911	0.925441	-1.08057	0.932568	0.982666	-1.01753	0.779506	1.28521	1.28521	0.201959	0.757022	-1.32097	0.0244131	0.576958	-1.7432	0.764746	1.1249	1.1249	0.663977	0.765392	0.940039	-1.06379	1.26006	0.852006	0.601032	1
qs2603540	PTTG2;TBC1D1	0.377565	0.554856	0.834998	-1.19761	0.0635789	0.532746	-1.87707	0.136258	0.237485	-4.21009	0.0625	0.397284	1.39529	1.39529	0.639369	0.867201	-1.15314	0.873789	1.04916	1.04916	0.364947	1.32452	0.701925	1.1231	1.1231	0.838713	1.06346	1.06346	1.26005	1.81897	1.28318	1
qs2610331	CEP85;CEP85;CEP4;CEP4;CEP85;CEP4;CEP85;CEP4;CEP85

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ILMN_2047880	C2orf70	0.378074	0.864359	1.06368	0.106368	1.122214	0.545147	-1.83437	0.963737	0.983718	-1.01655	0.648537	0.18022	1.18022	0.10921	1.612756	-1.63197	0.138199	1.065194	-1.77952	0.0982387	0.519886	1.53235	0.251072	0.648564	-1.54187	0.853724	1.06792	1.07952	1.25885	2.59925	1.83536	1
ILMN_2049069	UQCC	0.378075	0.210061	1.53534	1.53534	0.0473445	2.08858	2.08858	0.798761	0.920419	-1.08646	0.102955	0.247619	1.247619	0.20934	1.463112	1.46312	0.3503332	1.3662	1.3662	0.92584	0.970233	-1.03068	0.849372	1.06366	1.06366	0.743408	0.898866	-1.11251	1.25884	2.10061	1.48327	1
ILMN_2078242	TACR1	0.378076	0.524019	0.793222	-1.26068	0.60214	0.828038	-1.20767	0.232907	1.56634	1.56634	0.961143	0.01763	1.01763	0.162872	0.586018	-1.70643	0.210894	0.623183	-1.60467	0.346006	0.705983	-1.41646	0.279397	0.66802	-1.49696	0.202687	1.6201	1.6201	1.25884	2.56597	1.81188	1
ILMN_2082863	RPS6KA6	0.378079	0.306093	-3.0376	-3.2576	0.520889	0.656283	-1.52385	0.884079	0.980861	-1.00907	0.140193	0.79425	2.79425	0.502565	1.553371	1.55371	0.127597	1.344096	-2.90017	0.952091	1.03925	1.03925	0.721035	1.26312	1.26312	0.785446	1.193251	1.193251	1.25883	2.83866	1.50222	1
ILMN_2085705	LHFPL2	0.378084	0.595707	0.791918	-1.36627	0.663708	0.296742	-3.36993	0.430704	0.625788	-1.59794	0.487145	1.58497	1.58497	0.272703	0.517558	-1.93215	0.314757	1.83282	1.83282	0.696245	0.795606	-1.2569	0.259351	1.98532	1.98532	0.92268	0.944991	-1.05821	1.25882	6.77177	4.78173	1
ILMN_2150482	SPATA7 /SPATA7	0.378098	0.285118	0.431199	-2.31912	0.0710963	4.60699	4.60699	0.232379	2.58284	2.58284	0.859099	0.87404	-1.14411	0.283951	0.430252	-2.32422	0.43547	0.547254	-1.82731	0.78889	0.83601	-1.22547	0.652936	0.709665	-1.40912	0.429871	0.543005	-1.8414	1.25879	11.4444	8.08143	1
ILMN_2048511	ACCN4 /ACCN4	0.378099	0.182025	0.4083	-2.44918	0.034737	0.210871	-4.74223	0.0883562	0.304523	-3.28383	0.955484	1.03593	1.03593	0.316512	0.519523	-1.92484	0.515533	0.659055	-1.51732	0.545315	0.679042	-1.47266	0.525783	0.665944	-1.50163	0.429497	0.600496	-1.66529	1.25879	7.97236	5.62966	1
ILMN_2126178	ATP2B2 /ATP2B2 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.378107	0.487038	1.24341	1.24341	0.929506	0.979071	-1.02767	0.454988	1.26463	1.26463	0.476757	0.79995	-1.25008	0.575965	1.19044	1.19044	0.0469235	0.495734	-2.01721	0.75196	1.10277	1.10277	0.213068	1.49864	1.49864	0.390539	1.13185	1.13185	1.25877	1.89754	1.13997	1
ILMN_2126746	PRKAR1B;PRKAR1B;PRKAR1B	0.378108	0.632526	1.30419	1.30419	0.0366115	3.81485	3.81485	0.21749	2.04471	2.04471	0.355874	0.592418	-1.688	0.218644	1.97464	1.97464	0.387856	1.62892	1.62892	0.682273	1.25472	1.25472	0.922793	0.947962	-1.05489	0.831832	0.889379	-1.12438	1.25877	6.05891	4.27855	1
ILMN_2127404	GOLGA8B	0.378115	0.190516	0.736169	-1.35828	0.3982179	0.994829	-1.0052	0.762657	1.07235	1.07235	0.290747	0.784863	1.27411	0.148762	0.755206	-1.32405	0.091413	0.662897	-1.50853	0.326205	1.25103	1.25103	0.608346	1.12098	1.12098	0.510979	0.863025	-1.15871	1.25875	0.973252	0.68728	1
ILMN_2149163	NDUFV2	0.378117	0.869154	0.969134	-1.03185	0.177665	1.31314	1.31314	0.439884	1.1616	1.1616	0.69872	1.07677	1.07677	0.937002	0.983619	-1.01665	0.213246	0.779376	-1.28308	0.0485721	0.651513	-1.53489	0.957868	1.0101	1.0101	0.967536	0.992291	-1.00777	1.25874	0.720951	0.509115	1
ILMN_2175182	MYO5C	0.37812	0.587302	0.897263	-1.1145	0.583754	0.882784	-1.13278	0.271229	0.797252	-1.25431	0.62119	0.906162	-1.10356	0.0634072	0.661704	-1.51125	0.229082	0.779053	-1.28361	0.15465	1.35169	1.35169	0.721805	1.07328	1.07328	0.852983	0.963968	-1.03758	1.25874	0.780119	0.5509	1
ILMN_2252850	CDK1;CDK1;CDK1;CDC2;CDK1;CDK1;CD	0.378124	0.0695423	0.692125	-1.44483	0.653441	0.108538	-1.08538	0.558944	1.11308	1.11308	0.689965	1.0754	1.0754	0.902907	0.978119	-1.02237	0.682922	0.928253	-1.07729	0.0558326	0.675198	-1.48105	0.587639	1.10434	1.10434	0.938791	0.986175	-1.01402	1.25873	0.655123	0.462635	1
ILMN_2254805	GOT1	0.378124	0.223881	1.24015	1.24015	0.473619	0.882116	-1.13364	0.163033	0.779343	-1.29208	0.136589	0.752468	-1.32898	0.131724	0.705766	-1.41716	0.803237	1.0439	1.0439	0.525948	0.895297	-1.11695	0.352865	0.848296	-1.17883	0.294718	1.20566	1.20566	1.25873	0.590474	0.416981	1
ILMN_2255298	TMEM132A;TMEM132A	0.378124	0.586212	1.6267	1.6267	0.0404404	8.12686	8.12686	0.0421498	7.9439	7.9439	0.765861	1.3026	1.3026	0.611264	1.5742	1.5742	0.88737	0.8821	-1.13366	0.544544	1.721	1.721	0.788227	1.26913	1.26913	0.940385	1.06845	1.06845	1.25873	15.6217	11.0317	1
ILMN_2269245	ADAMTS16	0.378128	0.366377	1.43535	1.43535	0.0894086	0.48979	-2.04169	0.39153	0.730156	-1.40782	0.96246	1.0086	1.0086	0.865223	1.56843	1.56843	0.542201	1.27174	1.27174	0.0717835	1.21992	1.21992	0.625854	1.19031	1.19031	0.770843	0.892441	-1.12052	1.25872	3.02629	2.13712	1
ILMN_2425089	TRIM47	0.378131	0.498965	1.3331	1.3331	0.690135	0.928582	-1.07091	0.222676	0.788035	-1.26737	0.974027	0.71439	-1.3998	0.353228	0.850684	-1.17552	0.572726	1.11113	1.11113	0.0710946	0.689471	-1.45039	0.976566	0.994583	-1.00545	0.344011	0.834876	-1.19778	1.25871	0.681563	0.481313	1
ILMN_2733897	SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.378134	0.582052	1.17789	1.17789	0.730386	0.90313	-1.10726	0.710933	1.11588	1.11588	0.252764	0.703398	-1.42167	0.078622	0.562522	-1.77771	0.208578	0.676754	-1.47764	0.455536	1.25089	1.25089	0.344089	1.33248	1.33248	0.450825	1.25394	1.25394	1.25871	1.72933	1.22124	1
ILMN_2734842	FGFR3;FGFR3;FGFR3	0.378147	0.441226	1.26086	1.26086	0.2988026	0.48979	-2.04169	0.39153	0.730156	-1.40782	0.96246	1.0086	1.0086	0.865223	1.56843	1.56843	0.237471	1.4409	1.4409	0.154123	0.637445	-1.56876	0.440604	0.837403	-1.19439	0.306482	1.36682	1.36682	1.25867	1.73656	1.22638	1
ILMN_2026613	IER5	0.378149	0.967521	0.889162	-1.0105	0.201754	1.41299	1.41299	0.0704785	0.595432	-1.67945	0.768909	0.927226	-1.07849	0.572459	1.75241	1.75241	0.78523	1.07257	1.07257	0.455821	0.823006	-1.21506	0.486336	1.35065	1.35065	0.402543	0.694855	-1.43915	1.25843	1.59724	1	
ILMN_2127885	GPR123	0.378152	0.36421	1.60459	1.60459	0.0955546	0.794612	2.01208	0.824424	0.600712	-1.66469	0.134852	0.509033	-1.96421	0.0158325	0.290633	-3.44207	0.864801	1.0944	1.0944	0.0610144	0.593985	-1.68349	0.515577	0.861041	-1.16121	0.155307	1.24275	1.24275	1.25866	5.65008	3.72576	1
ILMN_2227085	AKAP5	0.378158	0.266221	0.464171	-2.15438	0.62891	1.38074	1.38074	?	?	?	?	0.192433	0.400916	-2.49429	0.686398	0.764213	0.308584	0.0612525	0.40395	0.04395	0.783291	1.2004	1.2004	0.840564	1.14276	1.14276	0.58776	1.43708	1.43708	1.25434	7.75087	6.17922	1
ILMN_2231068	FAM5C	0.378162	0.318023	1.41573	1.41573	0.0232872	2.49255	2.49255	0.213517	1.55459	1.55459	0.906611	1.00432	1.00432	0.639066	1.17247	1.17247	0.923096	0.968	-1.03305	0.611092	1.18856	1.18856	0.826013	0.928529	-1.07697	0.534818	0.80919	-1.2358	1.25864	2.26164	1.59724	1
ILMN_2375204	GPR123	0.378167	0.4106077	1.56891	1.56891	0.0955546	0.794612	2.01208	0.824424	0.600712	-1.66469	0.134852	0.509033	-1.96421	0.0158325	0.290633	-3.44207	0.864801	1.0944	1.0944	0.0610144	0.593985	-1.68349	0.515577	0.861041	-1.16121	0.155307	1.24275	1.24275	1.25866	5.65008	3.72576	1
ILMN_2628272	IGR6	0.378175	0.331605	0.527891	-1.89433	0.661782	1.32412	1.32412	0.153724	0.377533	-2.64877	0.2177	2.2866	2.2866	0.879291	0.907624	-1.10178	0.3112	0.512609	-1.95081	0.167055	0.390834	-2.55863	0.280894	2.04383	2.04383	0.603361	0.715156	-1.3983	1.25861	8.10838	5.72653	1
ILMN_2728253	SNORA13;NCRNA00219	0.378177	0.515486	1.71345	1.71345	0.0393534	1.5782	1.8532	0.553189	1.16354	1.16354	0.636635	1.43635	1.43635	0.162059	0.780786	-1.28076	0.494183	0.733942	1.36234	1.36234	0.121434	0.549149	1.82049	0.746633	-1.33956	0.328786	0.41027	0.646602	-1.54642	-1.83056	1.28786	13.2464	9.34821	1
ILMN_2237626	SLC27A3	0.378181	0.985233	1.00728	1.00728	0.676405	0.848261	-1.17888	0.130229	1.89798	1.89798	0.150483	0.589221	1.589221	0.685971	-1.45779	0.736988	1.14128	1.14128	0.0909068	0.03171	2.03171	0.309733	0.662244	-1.51002	0.867042	0.936418	-1.0679	0.242042	1.6495	1.6495	1.25859	1.06402	2.16399	1
ILMN_2419358	TBC1D8	0.378187	0.755297	1.05769	1.05769	0.394784	1.16926	1.16926	0.992353	0.998282	-1.00172	0.669859	1.07998	1.07998	0.629479	0.916476	-1.09114	0.304054	1.21043	1.21043	0.0220578	1.63655	1.63655	0.436072	0.867138	-1.15322	0.779775	1.05158	1.05158	1.25858	0.641619	0.453152	1
ILMN_2785972	SYNPR	0.378188	0.385138	1.27257	1.27257	0.246664	0.732754	1.36456	0.314457	1.1547	1.1547	0.660493	1.83253	-1.20117	0.859684	0.929249	-1.07576	0.188844	1.78125	1.78125	0.0431849	0.378036	-2.64525	0.765701	0.888439	-1.13194	0.672461	0.838328	-1.19285	1.25858	0.884739	0.624107	1
ILMN_2835092	SH3BP5;SH3BP5	0.378192	0.854326	0.918491	-1.08874	0.0402351	1.99331	1.99331	0.0728393	2.52366	2.52366	0.724243	1.17805	1.17805	0.650354	1.24425	1.24425	0.399472	1.49037	1.49037	0.187441	1.90846	1.90846	0.383344	1.51243	1.51243	0.602497	1.27517	1.27517	1.25857	4.26574	3.01277	1
ILMN_2404950	ALKBH8;ALKBH8	0.378215	0.969204	1.01896	1.01896	0.840809	1.62606	1.62606	0.0554001	1.26591	1.26591	0.611726	0.706101	-1.36967	0.39926	0.900406	-1.11068	0.245254	1.30446	1.30446	0.0104276	1.10527	1.10527	0.883457	1.02021	1.02021	0.727286	1.07862	1.07862	1.25851	0.915019	0.657773	1
ILMN_2716699	ROS1	0.378217	0.885091	1.09317	1.09317	0.748764	0.820417	-1.21889	0.323009	0.533211	-1.87543	0.32602	1.86765	1.86765	0.419175	0.601407	-1.66277	0.834628	0.879167	-1.13744	0.740064	1.22765	1.22765	0.0579529	3.74475	3.74475	0.14948	2.591	2.591	1.25851	7.56364	5.34222	1
ILMN_2731689	FAM3A;FAM3A;FAM3A;FAM3A	0.378222	0.0904047	0.436623	-2.29031	0.732562	1.16456	1.16456	0.511457	0.749362	-1.34415	0.845975	1.09046	1.09046	0.0507435	0.371695	-2.69038	0.411288	0.688572	-1.45228	0.292489	0.615665	-1.62426	0.259944	0.590557	-1.69332	0.830282	1.10002	1.10002	1.2585	3.9316	2.77693	1
ILMN_2732225	KIAA1755	0.378224	0.489759	1.31359	1.31359	0.190078	0.583024	-1.7152	0.943471	1.02795	1.02795	0.515177	1.29247	1.29247	0.101858	0.498489	-2.00606	0.436052	0.734238	-1.36196	0.179574	0.574546	-1.74051	0.513509	1.29383	1.29383	0.400672	1.39716	1.39716	1.25849	3.01249	2.12776	1
ILMN_2739226	TMEM130;TMEM130;TMEM130	0.378226	0.838166	1.20793	1.20793	0.0381382	1.28096	1.28096	0.0424868	1.35955	1.35955	0.668622	1.0549	1.0549	0.660402	1.25881	1.25881	0.120553	1.2482	1.2482	0.927844	0.988128	-1.01201	0.645334	1.06301	1.06301	0.970337	0.995109	-1.00451	1.25849	0.904504	0.624755	1
ILMN_2869669	GSY1;GYS1;GYS1	0.37823	0.309012	0.367025	-2.72461	0.227422	2.34118	3.34118	0.152482	4.30193	4.30193	0.981265	1.02017	1.02017	0.0910804	0.178919	-5.58913	0.906908	0.894606	-1.11781	0.813717	0.798738	-1.25198	0.859634	1.18355	1.18355	0.28319	0.345919	2.89085	1.25848	18.065	12.7597	1
ILMN_2709872	PARK2;PARK2;PARK2	0.378235	0.296835	0.61463	-1.62699	0.650206	1.22806	1.22806	0.325637	1.57889	1.57889	0.0816203	0.419588	-2.38329	0.26577	0.593425	-1.68513	0.425303	0.693247	-1.44249	0.60178	0.789046	-1.26735	0.386446	1.49111	1.49111	0.254152	0.585176	-1.70889	1.25847	4.03612	2.85082	1
ILMN_2711681	KDM2B;KDM2B	0.378239	0.711743	1.14884	1.14884	0.312464	0.731365	1.37448	0.312164	1.56153	1.56153	0.639268	1.42073	1.42073	0.339308	0.704121	-1.42039	0.818597	1.22109	1.22109	0.393698	0.748507	-1.33591	0.402543	0.994953	1.00545	0.344011	0.834876	-1.19778	1.25847	0.681563	0.481313	1
ILMN_2637283	WDR8	0.378251	0.371915	0.677344	-1.47635	0.241082	0.593627	-1.68456	0.793281	0.892237	-1.11866	0.281527	0.621506	-1.609	0.0804468	0.438677	-2.27958	0.161497	0.529736	-1.88773	0.110235	0.407725	-2.09534	0.486336	1.35065	1.35065	0.402543	0.694855	-1.43915	1.25843	3.59921	2.5423	1
ILMN_2839734	FNDC1	0.378261	0.0901753	0.569373	-1.75648	0.0955546	0.794612	2.01208	0.824424	0.600712	-1.66469	0.134852	0.509033	-1.96421	0.0158325	0.290633	-3.44207	0.864801	1.0944	1.0944	0.0610144	0.593985	-1.68349	0.515577	0.861041	-1.16121	0.155307	1.24275	1.24275	1.25866	5.65008	3.72576	1
ILMN_2705490	ATP8A2	0.378262	0.387609	0.799472	-1.25083	0.613483	0.879215	-1.13738	0.528863	0.851086	-1.17497	0.587852	0.870845	-1.14831	0.480776	0.834328	-1.19857	0.747829	0.92171	-1.08494	0.368644	1.26284	1.26284	0.0425304	1.80446	1.80446	0.351252	1.27438	1.27438	1.2584	1.27301	0.899209	1
ILMN_2738573	RNF71	0.378267	0.0554827	0.310271	-3.22299	0.0731134	1.5782	1.8532	0.553189	1.16354	1.16354	0.636635	1.43635	1.43635	0.162059	0.780786	-1.28076	0.494183	0.733942	1.36234	1.36234	0.121434	0.549149	1.82049	0.746633	-1.33956	0.328786	0.41027	0.646602	-1.54642	-1.83056	1.28786	13.2464	9.34821	1
ILMN_2737626	GLIS2	0.378272	0.840873	1.07441	1.07441	0.0745424	1.59096	1.59096	0.418892	1.26916	1.26916	0.660062	1.06006	1.06006	0.857671	0.962237	-1.23924	0.752308	1.08725	1.08725	0.0178205	1.22757	1.22757	0.746633	-1.33935	0.285415	1.15601	1.15601	1.2585	1.0157	1.0157	1.25838	1.06038	0.749025	1
ILMN_2826472	DDX53	0.378276	0.332794	1.78205	1.78205	0.346475	0.570835	-1.75182	0.520732	1.45712	1.45712	0.660638	0.774536	-1.2911	0.0601668	0.293451	-3.40772	0.204396	2.16951	2.16951	0.453659	1.55493	1.55493	0.864928	0.906234	-1.10347	0.726593	0.81627	-1.22508	1.25837	6.66512	4.70812	1
ILMN_2687924	NOTO	0.378281	0.250183	0.460492	-2.17241	0.0732565	1.16963	1.16963	0.682805	0.855324	-1.16915	0.317602	0.788752	1.26755	0.0872482	0.787747	-1.33095	0.188844	1.78125	1.78125	0.0431849	0.378036	-2.64525	0.765701	0.888439	-1.13194	0.672461	0.838328	-1.19285	1.25858	0.884739	0.624107	1
ILMN_2141166	SOD3;SOD3	0.378282	0.236061	0.549252	-1.82066	0.680812	0.819051	-1.22093	0.364404	1.56797	1.56797	0.631932	0.792233	-1.26226	0.124809	0.448489	-2.22971	0.367441	0.639679	-1.56328	0.122448	0.445856	-2.24288	0.091825	0.407586	-2.45347	0.822277	0.897117	-1.11468	1.25835	0.64134	3.3786	1
ILMN_2237090	TACC1	0.378283	0.185334	0.692611	-1.44381	0.411142	1.34539	1.34539	0.0871	0.866425	-1.15417	0.668879	0.891593	-1.11908	0.718423	1.09931	1.09931	0.197765	0.704845	-1.41959	0.315742	0.673541	-1.48469	0.425346	1.23735	1.23735	0.417253	1.55167	1.55167	1.25835	1.52427	0.962646	1
ILMN_2238294	PCSK9	0.378285	0.154536	0.318807	-3.13807	0.0438107	5.592364	-1.08815	0.271284	1.80142	1.80142	0.636165	1.63823	1.63823	0.097029	0.393784	-2.54888	0.179426	0.189626	-5.27353	0.0931463	0.162852	-6.14013	0.0218	0.26512	-3.77052	0.0733581	0.0955109	-10.4697	1.25835	0.227722	1.25835	0.227722	0.191382	1
ILMN_2233905	FEZ1;FEZ1	0.378286	0.376978	1.26388	1.26388	0.581136	0.86593	-1.15483	0.876031	0.960468	-1.04116	0.251182	0.712152	-1.4042	0.806105	1.06559	1.06559	0.138524	0.662358	-1.50976	0.134965	0.659498	-1.51631	0.197678	1.42155	1.42155	0.644608	0.893431	-1.11928	1.25835	1.32991	0.939441	1
ILMN_2239115	SLC22A5	0.378302	0.699979	1.09466	1.09466	0.604546	0.794612	2.01208	0.824424	0.600712	-1.66469	0.134852	0.509033	-1.96421	0.0158325	0.290633	-3.44207	0.864801	1.0944	1.0944	0.0610144	0.593985	-1.68349	0.515577	0.861041	-1.16121	0.155307	1.24275	1.24275	1.25866	5.65008	3.72576	1
ILMN_2250825	C3orf57;C3orf57	0.378304	0.597411	0.901092	-1.10976	0.653791	0.915561	-1.09223	0.884238	1.02888	1.02888	0.551138	1.12507	1.12507	0.560654	0.89139	-1.12184	0.0915344	0.695528	-1.43776	0.254901	0.792717	-1.26148	0.143064	1.3601	1.3601	0.210655	0.772792	-1.29401	1.2583	0.76099	0.537577	1
ILMN_2193053	CUX1;CUX1;CUX1	0.378305	0.479716	0.594528	-1.68203	0.0396095	0.178653	-5.59743	0.164857	0.345267	-2.89329	0.902431	1.09282	1.09282	0.123936	0.305388	-3.27453	0.198019	0.373571	-2.67686	0.698866	0.954775	-1.33491	0.642403	0.853954	-1.85737	0.123358	0.477956	-2.09124	0.28229	10.485	7.37399	1
ILMN_2852337	HADH	0.378309	0.481001	0.906373	-1.1033	0.913607	0.985217	-1.01501	0.668848	1.3224	1.3224	0.793774	1.03661	1.03661	0.681456	1.37962	1.37962	0.097426	0.999557	-1.00044	0.678549	1.05886	1.05886	0.667298	1.06115	1.06115	0.436054	1.15122	1.15122	1.25829	0.37534	0.26515	1
ILMN_2127964	CASZ1;CASZ1	0.37831	0.289957	0.625938	-1.5976	0.7981	0.89642	-1.11555	0.788855	1.12131	1.12131	0.92828	0.962326	-1.03915	0.0308949	0.339219	-2.94795	0.767406	1.13487	1.13487	0.374265	0.67771	-1.47556	0.115996	0.482529	-2.07242	0.980355	0.989552	-1.01056	1.25829	3.62617	2.56162	1
ILMN_2033885	ATP11A;ATP11A	0.378324	0.519936	1.18537	1.18537	0.450211	1.15192	1.15192	0.0845035	1.13838	1.13838	0.636539	1.5192	1.5192	0.0875732	0.377967	-2.64579	0.527581	1.12015	1.12015	0.0221188	1.24049	1.24049	0.662161	0.751536	1.36165	1.36165	0.274622	0.734402	1.36165	1.36165	1.25825	1.34455	0.950918	1
ILMN_2142624	ASPH;ASPH;ASPH;ASPH	0.378325	0.782868	0.924642	-1.08151	0.293174	1.36243	1.36243	0.933232	0.976516	-1.02405	0.245806	0.708743	-1.41095	0.522395	1.20186	1.20186	0.290685	1.36478	1.36478	0.0664063	1.79297	1.79297	0.740932	1.09867	1.09867	0.287742	0.731221	-1.36758	1.25825	1.60294	1.13239	1
ILMN_2216424	CSMD3;CSMD3	0.378343	0.672608	1.10984	1.10984	0.732371	0.93435	-1.07035	0.871692	1.07299	1.07299	0.440764	1.22702	1.22702	0.308092	1.29046	1.29046	0.0772157	1.55385	1.55385	0.14437	0.684077	-1.46182	0.358393	0.795578	-1.25595	0.260482	1.32869	1.32869	1.25821	1.3164	0.924537	1
ILMN_2106912	SLC5A10;SLC5A10	0.378346	0.658719	0.861927	-1.16019	0.698246	0.877895	-1.13909	0.261612	0.676161	-1.47893	0.767817	0.905775	-1.10403	0.0521649	0.477911	-2.09244	0.319776	1.41012	1.41012	0.218447	1.54142	1.54142	0.528807	0.807916	-1.23775	0.754283	1.11066	1.11066	1.25821	2.22667	1.57308	1
ILMN_2020832	DUOX1;DUOX1	0.378347	0.8970154	1.07753	1.07753	0.110095	2.73069	2.73069	0.04773	3.69101	3.69101	0.914993	0.940267	-1.06353	0.378606	1.16383	1.16383	0.597926	1.35933	1.35933	0.867131	0.90793	-1.10141	0.436809	0.632816	-1.58024	0.509472	0.679773	-1.47108	1.2582	6.63049	4.68428	1
ILMN_2609707	TAPBP;TAPBP;TAPBP	0.378347	?	?	?	?	?	?	?	?	?	?	0.188086	1.39074	0.270401	0.178623	-5.59846	?	?	?	?	2.9172	2.9172	0.162803	1.00593	-1.00593	-9.94107	0.723799	1.6064	1.6064	1.58473	23.5514	17.5924	1
ILMN_2309036	MEGF6	0.378363	0.916539	0.984691	-1.01555	0.583014	0.921641	-1.08502	0.495044	1.10735	1.10735	0.433851	0.88911	-1.12472	0.404508	1.13375	1.13375	0.0841419	1.32477	1.32477	0.508549	1.10374	1.10374	0.126048	0.783784	-1.27586	0.392549	1.13759	1.13759	1.25816	0.431628	0.304944	1
ILMN_2397293	TWNK;C7NRC6C	0.378364	0.421306	0.727214	-1.37485	0.216971	1.04604	1.04604	0.189424	1.27326	1.27326	0.662227	1.03532	1.03532	0.0211774	0.291434	-3.43154	0.390069	0.523996	-1.90841	0.434095	0.557103	-1.79501	0.270044	0.888809	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1-p-value|1047 vs. N)	Fold-Change(1-p-value|1047 vs. 047 vs. N)	Fold-Change(1-p-value|105 vs. N)	Fold-Change(1-p-value|1057 vs. N)	Fold-Change(1-p-value|111 vs. N)	Fold-Change(1-p-value|1117 vs. N)	Fold-Change(1-p-value|1127 vs. N)	Fold-Change(1-p-value|1127 vs. N)	Fold-Change(1-p-value|121 vs. N)	Fold-Change(1-p-value|1217 vs. N)	p-value(347 vs. N)	Fold-Change(1-p-value|347 vs. N)	p-value(353 vs. N)	Fold-Change(1-p-value|353 vs. N)	p-value(537 vs. N)	Fold-Change(1-p-value|537 vs. N)	p-value(537T vs. N)	Fold-Change(1-p-value|537T vs. N)	p-value(5 vs. N)	Fold-Change(1-p-value|563 vs. N)	p-value(563T vs. N)	Fold-Change(1-p-value|563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg07634706	CCL17	0.378643	0.873785	1.09647	1.09647	1.312686	1.03125	1.83125	0.619337	0.748165	-1.3699	0.647353	1.73137	1.75137	0.983893	1.03176	1.03176	0.113403	0.137526	-2.67004	0.0979158	0.349297	-2.86289	0.2212294	0.469727	-2.1289	0.955748	1.03267	1.0257	0.68408	4.72477	1
cg10632277	C22orf13;SNRPD3	0.378644	0.586164	0.888119	-1.12598	0.195364	0.744087	-1.34393	0.549882	0.877585	-1.13949	0.812801	1.05276	1.05276	0.760681	1.06682	1.06682	0.256905	0.774606	-1.29098	0.441656	0.844221	-1.18452	0.657924	1.10096	1.10096	0.0544459	1.6016	1.6016	1.2575	0.927834	0.655857	1
cg07448856	ZNF670;ZNF670	0.378646	0.5943	0.737963	-1.35508	0.717664	0.814447	-1.22783	0.91587	1.06155	1.06155	0.987397	0.991112	-1.00897	0.687069	1.25722	1.25722	0.330111	0.566626	-1.76483	0.220454	2.07129	2.07129	0.8364611	1.12393	1.12393	0.0287403	4.29768	4.29768	1.2575	6.36298	4.49781	1
cg13076118	ZC3H3	0.378652	0.4415871	0.585019	-1.70936	0.179596	0.376125	-2.65851	0.14624	0.344515	-2.90263	0.46857	1.60508	1.60508	0.0583345	2.131883	-4.31296	0.757805	1.23521	1.23521	0.740499	0.796857	-1.25493	0.578285	0.188293	-5.48107	-1.46765	0.233399	0.425869	-2.34814	0.25748	9.29654	6.57153	1
cg25683540	MTX2;MTX2	0.378663	0.673866	1.44663	1.44663	0.417547	1.30264	1.30264	0.659442	1.15204	1.15204	0.97745	1.00906	1.00906	0.252507	1.46441	1.46441	0.418351	1.30202	1.30202	0.0974615	0.559691	-1.7867	0.261838	1.45268	1.45268	0.111007	1.740338	1.740338	1.25746	2.028335	1.43383	1
cg25666660	FLI25363	0.378693	0.251843	1.26702	1.26702	0.960478	0.990251	-1.08985	0.860724	1.03533	1.03533	0.725123	0.932585	1.070229	0.456397	1.16179	1.16179	0.450149	1.16431	1.16431	0.0460047	0.636289	-1.57161	0.384848	1.19261	1.19261	0.38615	0.838802	-1.19201	1.25744	0.778413	0.550261	1
cg25045942	HLA-DPB1	0.37869	0.0611275	5.75906	5.75906	0.957744	1.04494	1.04494	0.105959	4.32744	4.32744	0.942036	1.06219	1.06219	0.973081	0.972393	-1.02839	0.173567	3.32432	3.32432	0.160988	3.46317	3.46317	0.261616	2.6412	2.6412	0.413231	2.00173	2.00173	1.25739	13.7077	9.69037	1
cg13737541	CLMN	0.378693	0.770115	1.2826118	-1.21048	0.744171	1.270198	1.270198	0.857565	0.89947	-1.45459	0.991201	1.00721	1.00721	0.404026	0.573186	-1.74463	0.819071	1.661264	-1.16108	0.0437618	0.239826	-4.16964	0.966202	1.0274	1.0274	0.321624	1.9493	1.9493	1.25739	8.46259	5.98221	1
cg21561142	DEK;DEK	0.378695	0.802208	1.06498	1.06498	0.650546	0.859194	1.159114	-1.12118	0.06383007	1.68631	1.68631	0.944627	0.845095	1.54152	0.897349	0.968144	-1.0329	0.655673	1.13875	1.11875	0.265961	1.33742	1.33742	0.386305	1.24951	1.24951	1.25738	1.25282	0.885667	1
cg00755502	TET3	0.378705	0.441735	0.878893	-1.1378	0.314803	1.18656	1.18656	0.815648	1.03918	1.03918	0.236284	1.22658	1.22658	0.835137	0.966285	-1.03489	0.874442	1.0401	1.0401	0.891256	1.0346	1.0346	0.713929	1.09587	1.09587	0.417389	1.22884	1.22884	1.25725	1.23109	0.870398	1
cg12238475	TRAM2	0.378711	0.152912	2.4221329	2.4221329	0.7599	1.14142	1.14142	0.212541	2.1242	2.1242	0.763418	1.3099	1.3099	0.641282	1.3826	1.3826	0.0354294	2.7420739	2.7420739	0.0134968	2.9135345	2.9135345	0.0514144	2.71706	2.71706	0.0904838	2.106577	2.106577	1.25725	6.3211	4.46874	1
cg15535471	HIPK2;HIPK2	0.37871	0.316427	2.37485	2.37485	0.699375	0.723217	-1.38271	0.634571	0.670415	-1.49161	0.493559	1.78718	1.78718	0.268122	2.62022	2.62022	0.506798	1.75496	1.75496	0.24088	2.78794	2.78794	0.049838	6.47639	6.47639	0.127249	3.964	3.964	1.25735	13.8872	9.81767	1
cg16997488	ITGA1;PELO;PELO	0.378712	0.200582	4.9574686	-1.22476	0.622923	0.929617	-1.07569	0.223581	1.21139	1.21139	0.729863	0.94917	-1.05353	0.290838	0.849409	-1.17868	0.149273	1.79413	1.29139	0.723562	0.859772	-1.16445	0.210939	0.893723	1.21893	0.831002	0.968849	-1.03215	0.92334	0.447881	0.316633	1
cg12344564	BTNL2	0.378715	0.568389	0.8584119	-1.50936	0.47596	0.819329	-1.22055	0.418403	0.693595	-1.00645	0.553232	0.853219	-1.17203	0.277859	1.34803	1.34803	0.178301	1.46009	1.46009	0.0718886	0.5192	-1.92604	0.211756	0.990438	1.01355	-1.01514	0.827835	1.21706	0.990438	1.00677	1.00677	0.25735	0.6321	0.46874	1
cg02785332	ROR2	0.378718	0.965748	0.969223	-1.03175	0.278494	0.440278	-2.27129	0.196075	0.36963	-2.70541	0.862076	1.13496	1.13496	0.276795	2.27843	2.27843	0.974979	1.02309	1.02309	0.047183	5.22446	5.22446	0.0275101	1.12082	1.12082	0.821342	1.17899	1.17899	1.25733	10.5539	7.46125	1
cg24807294	CCDC80	0.378723	0.320478	3.0675224	-1.72001	0.170508	0.695204	-1.43843	0.984337	1.03933	1.03933	0.725123	0.932585	1.070229	0.456397	1.16179	1.16179	0.450149	1.16431	1.16431	0.0460047	0.636289	-1.57161	0.384848	1.19261	1.19261	0.38615	0.838802	-1.19201	1.25744	0.778413	0.550261	1
cg20138833	C21orf99	0.378722	0.352524	0.746361	-1.31983	0.0336589	0.468289	-2.13543	0.266889	0.702078	-1.42434	0.715878	0.894244	-1.11826	0.606557	0.853123	-1.17216	0.14647	0.620875	-1.61063	0.450162	0.790337	-1.26528	0.770206	1.0937	1.0937	0.17164	0.640826	-1.56049	0.25732	1.86201	1.31639	1
cg20230498	CRK1	0.378733	0.255342	0.6141153	-1.62826	0.609014	0.647071	-1.23813	0.223129	0.66969	-1.49069	0.761984	1.12059	1.12059	0.301512	0.644653	-1.5527	0.848511	1.08165	1.08165	0.0441991	0.380945	-2.62502	0.618443	0.823454	-1.2144	0.908359	1.0484	1.0484	1.25731	3.35448	2.37154	1
cg20832181	KCNG1	0.378733	0.210425	1.555	1.555	1.044428	0.960243	-1.04114	0.496576	1.4944	1.4944	0.303065	1.86045	1.86045	0.378377	0.591125	-1.69169	0.121298	2.65805	2.65805	0.0920754	2.94216	2.94216	0.260404	1.98009	1.98009	0.755114	0.833533	-1.19971	1.25729	0.74383	0.47678	1
cg10546065	PRR5;PRR5;PRR5;PRR5-AHR|AIP|ARNTL|PRR5;PRR5	0.378743	0.197237	0.661991	-1.51059	0.116548	0.596878	-1.67539	0.235522	0.686459	-1.45675	0.443639	0.789506	-1.26661	0.193771	0.659626	-1.51601	0.797693	0.925213	-1.08083	0.0671951	0.537536	-1.86034	0.114069	0.594412	-1.68233	0.587705	0.847341	-1.18016	1.25727	1.82344	1.28917	1
cg12195230	UTRN	0.378749	0.0748419	0.426472	-2.35476	0.388375	0.682776	-1.46461	0.116338	0.497735	-2.08877	0.32162	1.55578	1.55578	0.256734	0.599923	-1.66988	0.553506	0.772042	-1.29527	0.382307	0.6079267	-1.47217	0.660397	1.21027	1.21027	0.511851	0.750384	-1.33265	1.25725	3.70991	2.62293	1
cg25606172	SORCS2	0.378753	0.451873	1.484274	1.484274	0.835677	1.00916	1.00916	0.433755	1.74998	1.74998	0.32486	2.63472	2.63472	0.0879231	0.700356	-1.42756	0.400156	1.95662	1.95662	0.0313724	2.49903	2.49903	0.0313724	2.21413	2.21413	0.500261	1.38195	1.38195	1.25725	4.45093	3.14486	1
cg06700871	SUCLG1	0.378752	0.0513071	0.575933	-1.73631	0.492245	0.840778	-1.18938	0.304416	0.767616	-1.30273	0.741104	1.08593	1.08593	0.118446	0.656084	-1.52419	0.874442	1.0401	1.0401	0.891256	1.0346	1.0346	0.713929	1.09587	1.09587	0.417389	1.22884	1.22884	1.25725	1.23109	0.870398	1
cg13702460	HSPH1;HSPH1	0.378755	0.940009	1.07121	1.07121	0.816011	0.947034	-1.05593	0.724911	1.08338	1.08338	0.360676	1.2374	1.2374	0.343171	1.24778	1.24778	0.755569	1.07335	1.07335	0.0285445	0.556709	-1.79625	0.652834	1.1081	1.1081	0.437384	1.19672	1.19672	1.25724	1.02316	0.72339	1
cg18572360	SYNJ2;SYNJ2	0.378767	0.623362	1.60425	1.60425	0.558729	0.929617	-1.07569	0.223581	1.21139	1.21139	0.729863	0.94917	-1.05353	0.290838	0.849409	-1.17868	0.0042501	0.590636	-1.69306	0.0313724	0.2189	-4.56633	0.966202	1.0274	1.0274	0.321624	1.9493	1.9493	1.25729	8.46259	5.98221	1
cg11591325	F2R	0.378769	0.328725	0.726634	-1.37621	0.497137	0.80382	-1.24406	0.0939805	0.558031	-1.79201	0.693184	1.13385	1.13385	0.521834	0.814112	-1.22833	0.175397	0.63351	-1.57851	0.328903	0.726725	-1.37604	0.404453	1.31027	1.31027	0.105328	0.570892	-1.75165	1.25721	1.9981	1.41273	1
cg26630248	DST;DST;DST;DST;DST;DST;DST	0.378771	0.618259	0.8088414	-1.10034	0.887358	0.808247	-1.23725	0.663356	0.946094	-1.05651	0.78998	1.06917	1.06917	0.374706	1.14852	1.14852	0.884884	1.072804	-1.02796	0.184492	1.0837	1.0837	0.184492	1.07899	1.07899	0.862005	1.07422	1.07422	1.25719	0.509057	0.412159	1
cg05428978	CDCA7;CDCA7	0.378773	0.775667	0.931169	-1.07392	0.153829	0.46391	-1.46391	0.139018	0.148806	-1.48806	0.768341	1.07651	1.07651	0.653637	0.894015	-1.11855	0.210775	1.38976	1.38976	0.475394	0.8343	-1.19861	0.20286	1.39871	1.39871	0.151644	1.46731	1.46731	1.2572	1.24051	0.877092	1
cg20969529	PCNXL3	0.378779	0.933903	0.97556	-1.02505	0.249177	0.698172	-1.43231	0.0316376	0.471605	-2.12042	0.877627	1.04704	1.04704	0.174014	0.649593	-1.53943	0.487511	1.23419	1.23419	0.747643	1.10109	1.10109	0.635467	0.86723	-1.1531	0.653399	0.873486	-1.14435	1.25718	1.77178	1.25273	1
cg03886315	SPOCD1	0.378783	0.773834	0.866153	-1.15487	0.357384	0.81547	-1.2257	0.360554	0.58065	-1.72347	0.302884	1.13806	1.13806	0.372244	1.07098	1.07098	0.545606	0.77062	-1.29764	0.0956824	0.4644	-2.15368	0.0996023	0.464348	-2.15368	0.0996023	1.01989	1.01989	1.25718	1.64944	0.55595	1
cg08920610	PCSK9;PCSK9	0.378788	0.0900904	12.463	12.463	0.583422	0.473348	-2.11261	0.625023	1.9449	1.9449	0.202345	6.15831	6.15831	0.487895	0.386074	-2.59018	0.171358	3.09912	-1.74735	0.973629	0.95634	-1.04565	0.760056	0.6612091	-1.51238	0.296824	4.30923	4.30923	1.25716	30.3161	25.6756	1
cg10561472	ZBTB7A	0.378791	0.855177	1.168574	1.168574	0.638377	1.00916	1.00916	0.433755	1.74998	1.74998	0.32486	2.63542	2.63542	0.0850187	0.700356	-1.42756	0.400156	1.95662	1.95662	0.0313724	2.49903	2.49903	0.0313724	2.21413	2.21413	0.500261	1.38195	1.38195	1.25725	4.45093	3.14486	1
cg25578064	SPIS6	0.37879	0.641063	0.933493	-1.07125	0.101545	0.768925	-1.30052	0.940073	1.01108	1.01108	0.282571	0.849026	-1.17782	0.296787	1.17182	1.17182	0.82889	1.03223	1.03223	0.103704	0.770424	-1.29799	0.341889	0.15436	1.15436	0.883734	0.97878	-1.02168	1.25716	0.4277771	0.302461	1
cg15342199	PHF10;PHF10	0.378791	0.821274	0.957935	-1.04391	0.320474	1.21527	1.21527	0.84287	0.963809	-1.03755	0.741982	0.959179	-1.06476	0.254552	1.25352	1.25352	0.163711	1.32616	1.32616	0.074285	0.68879	-1.45182	0.639463	1.09375	1.09375	0.345777	1.20252	1.20252	1.25715	0.718243	0.507844	1
cg01539036	NTSR1	0.378796	0.0470437	3.7553	3.7553	1.18754	1.18754	1.18754	0.0750197	3.1673	3.1673	0.28655	1.75756	1.75756	0.255372	1.62478	1.62478	0.12647	2.12654	2.12654	0.0313724	2.38655	2.38655	0.0313724	1.95076	1.95076	0.385408	1.5373	1.5373	1.25705	1.20566	0.752574	1.5697	1.16557	1
cg26260641	SPATA7;SPATA7	0.37882	0.432181	0.73845	-1.35419	0.39577	0.719681	-1.3895	0.0691118	0.2158	2.1582	0.105504	1.95211	1.95211	0.422628	1.36316	1.36316	0.303129	1.49607	-1.49607	0.757836	1.12409	1.12409	0.597746	1.22312	1.22312	0.542354	1.26272	1.26272	1.25709	2.84837	2.01409	1
cg25900935	C5orf39	0.378825	0.053013	3.1449	3.1449	0.7504	1.1447	1.1447	0.352196	1.33644	1.33644	0.503198	2.2109	2.2109	0.212918	1.31439	1.31439	0.795709	1.02405	-1.08174	0.944496	1.07407	1.07407	-1.34286	0.703518	1.14286	1.14286	0.421128	1.78203	1.78203	1.25702	1.82795	1.29256	1
cg13400512	TNXB	0.378826	0.0308209	0.357134	-2.80007	0.323586	0.661036	-1.51278	0.313092	0.654662	-1.52751	0.532235	1.29288	1.29288	0.194309	0.66518	-1.50335	0.298344	0.645523	-1.54913	0.272727	0.629081	-1.58962	0.378425	0.692868	-1.44328	0.957899	0.978794	-1.02167	1.25707	1.28208	2.3208	1
cg23639841	RAD54B	0.37884	0.169485	0.489239	-2.04399	0.342875	0.620437	-1.61177	0.0654546	0.364215	-2.74563	0.313955	0.601281	-1.66311	0.139453	0.459845	-2.17464	0.194695	0.511661	-1.95442	0.130951	0.450847	-2.21805	0.833141	0.90208	-1.10855	0.261171	0.564165	-1.77253	1.25704	4.75036	3.35911	1
cg23640944	DLG5	0.378841	0.260624	0.9469	-1.05606	0.757509	0.884958	-1.1508	0.395921	0.736455	-1.35787	0.464099	1.13644	1.13644	0.532918	1.2109	1.2109	0.314339	1.59011	-1.68921	0.908566	0.40884	-2.44684	0.0930538	0.17843	1.17843	0.746605	0.812241	-1.23144	1.25704	1.82795	1.29256	1
cg26331247	LOC284805	0.378842	0.0484992	0.234785	-4.25921	0.775093	0.831796	-1.20222	0.585883	0.702101	-1.4243	0.253296	0.464386	-2.15338	0.0493582	0.225771	-4.42928	0.488101	0.635815	-1.57278	0.513356	0.653016	-1.53136	0.776268	0.832622	-1.20102	0.308483	0.507806	-1.96926	1.25704	0.22859	5.31861	1
cg16690979	C1orf230	0.378843	0.0085306	0.216426	-4.63424	0.0966	0.648545	-1.54185	0.152404	0.385676	-2.59284	0.185776	0.387787	-2.57887	0.0768448	0.207266	-4.82756	0.0768448	0.207266	-4.82756	0.0768448	0.207266	-4.82756	0.0768448	0.207266	-4.82756	0.0768448	0.207266	-4.82756	1.25703	-1.26498	0.0944458	0.703113	1
cg04489913	C7orf50;C7orf50;C7orf50	0.378863	0.410674	0.479531	-2.08537	0.39096	0.715519	-1.55519	0.930787	1.07884	1.07884	0.572356	0.607507	-1.64607	0.0335051	0.114191	-8.75725	0.371593	0.448688	-2.22872	0.66508	0.68352	-1.46301	0.380396	0.288623	-3.46472	0.72867	1.35557	1.35557	1.25699	15.1927	10.7437	1
cg15355138	EHD3;EHD3	0.378868	0.320534	1.74068	1.174068	0.659269	1.071307	1.071307	0.27287	0.864694	-1.15636	0.309898	1.45185	1.45185	0.267454	0.954082	-1.04814	0.716423	1.70467	0.924267	-1.08189	0.83593	-1.19626	0.555806	0.912982	-1.09531	0.658319	1.0725	1.0725	1.25697	0.509223	0.351474	1
cg05857996	PDLIM	0.378875	0.989887	0.99605	-1.00397	0.958955	1.0	1.0	0.984235	2.0205	2.0205	0.14886	1.75874	1.75874	0.31809	0.650609	-1.53581	0.548599	0.827189	-1.20851	0.41014	0.30118	-3.32081	0.410724	0.14092	-7.09503	0.0393473	0.474679	-2.10669	1.25697	0.49491	1.13538	1
cg06466796	TNS1	0.378877	0.105195	0.259843	-3.84848	0.190728	0.348286	-2.8712	0.173701	0.332261	-3.00968	0.249711	0.400213	-2.49867	0.148701	0.307558	-3.25142	0.155717	0.314651	-3.17812	0.394552	0.514873	-1.94223	0.138459	0.296947	-3.3676	0.183266	0.341334	-2.92969	1.25697	1.51366	1.85831	1
cg20670917	TEX261	0.378883	0.2747432	1.2915183	1.2915183	0.7504	1.1447	1.1447	0.352196	1.33644	1.33644	0.503198	2.2109	2.2109	0.212918	1.31439	1.31439	0.795709	1.02405	-1.08174	0.944496	1.07407	1.07407	-1.34286	0.703518	1.14286	1.14286	0.421128	1.78203	1.78203	1.25702	1.82795	1.29256	1
cg17231906	CCDC112;CCDC112	0.378874	0.19526	1.340309	1.340309	0.314427	0.25109	-1.25109	0.754091	1.06989	1.06989	0.153495	1.0408	1.0408	0.0553076	0.638957	-1.56503	0.862099	0.964806	-1.03648	0.743649	1.06996	1.06996	0.0482	1.00863	1.00863	0.0747312	1.50541	1.50541	1.25695	0.841368	0.557927	1
cg14671004	CAPN12	0.378886	0.852811	0.958245	-1.04357	0.171709	1.39672	1.39672	0.477185	1.54315	1.54315	0.662574	0.904085	-1.10609	0.650118	0.804444	-1.24356	0.881563	1.01671	1.01671	0.43653	1.0923	1.24088	0.124808	1.14362	1.14362	0.355951	1.1113	1.1113	1.25693	0.245892	0.173892	1
cg02736969	OLIG1	0.37887	0.1630013	1.01363	1.8986117	0.110427	0.164257	-1.01427	0.0164359	1.3852	1.3852	0.953412	0.993528	-1.00651	0.925103	0.989611	-1.01005	0.34798	2.1151	2.1151	0.0476153	1.48259	1.48259	0.0476153	1.28655	1.28655	0.0476153	1.28655	1.28655	1.25692	1.76904	1.26091	1
cg26302007	DUSP10;DUSP10;DUSP10	0.378897	0.2680837	1.03663	1.03663	0.314427	0.25109	-1.25109	0.754091	1.06989	1.06989	0.153495	1.0408	1.0408	0.0553076	0.638957	-1.56503	0.862099	0.964806	-1.03648	0.743649	1.06996	1.06996	0.0482	1.00863	1.00863	0.0747312	1.50541	1.50541	1.25695	0.841368	0.557927	1
cg25814612	C19orf22	0.378896	0.45481	1.67337	1.67337	0.3349933	0.365	0.365	0.0602	4.19208	4.19208	0.263927	2.19792	2.19792	0.475878	1.63276	1.63276	0.510261	1.57092	1.57092	0.17069	1.28655	1.28655	0.783846	1.20436	1.20436	0.858541	1.12823	1.12823	1.25691	9.10385	6.43827	1
cg25430192	DLX6AS	0.378903	0.706122	0.668872	-1.49505	0.57689	1.81891	1.81891	0.862179	0.932152	-1.2017	0.955271	0.91738	-1.09006	0.0668638	0.85574	1.85574	0.260934	2.92008	-1.41404	0.304281	1.321936	-3.04941	0.0402032	1.36799	5.26739	0.796417	1.31583	1.31583	1.25689	12.4361	8.15872	1
cg20912976	KCNB1	0.37908	0.0662884	0.348529	-2.8692	0.709194	1.21269	1.21269	0.259242	0.506957	-1.97255	0.0669696	0.305686	-3.27133	0.742156	0.826501	-1.20992	0.623876	0.754773	-1.32505	0.504669	-1.9815	0.261883	0.509025	-1.96454	0.154288	0.414719	2.41127	1.25688	1.33133	6.63894	4.68984	1
cg19332396	GRB10	0.378909	0.646353	0.859386	-1.16362	0.579486	1.20153	1.20153	0.917055	0.966408	-1.03476	0.458685	0.780755	-1.28081	0.0267594	0.422837	-2.36498	0.403866	0.755654	-1.32336	0.373557	0.741105	-1.34934	0.390388	1.33467	1.33467	0.422008	0.764119	-1.3087	1.25688	2.14165	1.51462	1
cg25983851	SASH3	0.378911	0.610302	1.37024	1.37024	0.657004	0.915704	-1.09211	0.557974	0.646593	-1.54718	0.30528	1.42487	1.42487	0.246094	1.54185	1.54185	0.388855	1.29578	1.29578	0.770457	0.942082	-1.06128	0.715042	0.98486	1.01516	-1.01516	0.827868	1.21706	0.990438	1.00677	1.00677	0.25735	0.6321	0.46874	1
cg25340704	C1QL1	0.378915	0.0921033	0.253353	-3.94706	0.532075	0.625844	-1.59784	0.088874	0.249181	-4.01315	0.567284	0.651703	-1.53444	0.414296	0.539052	-1.85511	0.569497	0.653332	-1.53062	0.0752657	0.230705	-4.33454	0.13862	0.307119	-3.25606	0.870333	0.891672	-1.12149	1.25686	0.91447	7.71918	1
cg27128975	CLTC;CLTC	0.378916	0.767926	0.891451	-1.12183	0.283592	0.645445	-1.54985	0.205214	0.387484	-2.58144	0.232521	0.309676	-3.22944	0.0909018	0.231653	-4.31555	0.0750258	0.582448	-1.71689	0.0194126	0.164402	-6.08253	0.0194126	0.164402	-6.08253	0.0194126	0.164402	-6.08253	1.25684	1.11418	1.14644	0.413183	1
cg11860954	PRDM15;PRDM15	0.37892	0.833392	0.931786	-1.07321	0.621396	0.84622	-1.18173	0.133855	1.71992	1.71992	0.543851	1.22884	1.22884	0.178747	0.559121	-1.92485	0.513972	1.24857	1.24857	0.218693	1.54329	1.54329	0.67888	1.8696677	-1.14985	0.562397	1.21707	1.21707	1.25685	2.2394	1.58378	1
cg21234610	WFIKKN2	0.378921	0.330553	0.572226	-1.74756	0.62777	1.51524	1.51524	0.329298	1.75026	1.75026	0.450151	1.53392	1.53392	0.135718	0.40902	-2.44481	0.58703	0.737187	-1.35651	0.50106	0.72676	-1.37597	0.322573	0.565594	-1.76493	0.167568	2.26566	2.26566	1.25685	6.15337	4.35188	1
cg12521949	KCNRG;KCNRG;DLEU2	0.378923	0.603756	0.807207	-1.23795	0.459754	0.97514	1.03764	0.844854	0.918748	-1.08848	0.242014	1.25394	1.25394	0.0876714	1.20407	1.20407	0.28978	1.3095	1.3095	0.0272738	1.22496	1.22496	0.345745	1.19647	1.19647	0.842835	0.98684	-1.01334	1.25684	0.792062	0.4804	1
cg25294344	C20orf177;PPP1R3D	0.378936	0.18112	1.20362	1.20362	0.2493356	0.4167	1.4167	0.311917	1.14631	1.14631	0.840725	1.02661	1.02661	0.170309	1.21001	1.21001	0.779108	1.03739	1.03739	0.732782	1.04759	1.04759	0.349735	1.13388	1.13388	0.94787	1.00857	1.00857	1.25681	0.339165	0.239876	1
cg26308704	PTPN22;PTPN22;MIR595;PTPRN2

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Probeset ID	UCSC_REFGENE_NAME GPER,GPER,C7orf50,C7orf50,C7orf50,C7orf50,G	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 047)	p-value(105T vs. N)	Fold-Change(1 vs. 05T)	p-value(111T vs. N)	Fold-Change(1 vs. 11T)	p-value(112T vs. N)	Fold-Change(1 vs. 12T)	p-value(121T vs. N)	Fold-Change(1 vs. 21T)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(3 vs. 47T)	p-value(353T vs. N)	Fold-Change(3 vs. 53T)	p-value(537T vs. N)	Fold-Change(5 vs. 37T)	p-value(563T vs. N)	Fold-Change(5 vs. 63T)	F(Error)	SS(Test)	SS(Error)
cg03214053	PER	0.379329	0.245771	1.6163	0.104586	2.01709	2.01709	0.420506	1.38473	1.38473	0.189419	1.73293	1.73293	0.112064	1.98248	1.98248	0.122784	1.93738	1.93738	0.103139	2.02413	2.02413	0.453887	1.35223	1.35223	0.72669	1.14889	1.14889	1.25589	3.111559	2.20231	1
cg05526096	TBCE,TBCE,B3GALNT2	0.379339	0.978077	0.977533	-1.02298	0.186265	0.313877	-1.18596	0.0820675	0.209287	-4.91915	0.593141	1.56201	1.56201	0.153248	0.282332	-3.54193		0.83566	0.842166	-1.18741	0.934938	0.934713	-1.06985	0.22332	2.8808	2.8808	0.7709889	1.27298	1.27298	1.25586	13.6016	9.62708	1
cg02928273	ESYT3,ESYT3	0.379345	0.0908845	0.477563	-2.09396	0.352626	0.684186	-1.46159	0.131048	0.659145	-1.51712	0.287793	0.645375	-1.54949	0.0951016	0.483	-2.07039		0.0619317	0.494255	-2.3028	0.6312152	0.825398	-1.21154	0.258414	0.6263506	-1.59666	0.454298	0.739009	-1.35316	0.25585	3.13172	2.21663	1
cg00264578	CDH4	0.379347	0.407155	2.45346	2.45346	0.336079	0.349984	-2.85728	0.160841	4.88114	0.457642	2.22681	2.22681	0.277012	0.302192	-3.30915		0.354533	2.74054	2.74054	0.153362	5.04407	0.335043	2.86412	2.86412	0.556208	0.532593	-1.87761	1.25585	22.2831	15.772	1
cg04246521	CLDN10,CLDN10	0.379351	0.730161	0.89237	-1.12061	0.0318447	2.28722	2.28722	0.420842	1.31057	1.31057	0.841527	0.86806	0.962968	0.984466	1.01539		0.367279	1.35609	1.35609	0.108198	1.77959	1.77959	0.613932	1.1826	1.18262	0.69228	0.877371	-1.13977	1.25584	2.15142	1.52279	1
cg01153451	BRF1;BTBD6;BRF1	0.379357	0.670862	1.16445	1.16445	0.0511272	2.20586	2.20586	0.181886	1.65647	1.65647	0.810376	0.917949	-1.08939	0.224995	0.635147	-1.57444		0.78754	1.908272	-1.10099	0.555289	0.808565	-1.23676	0.748928	0.89193	-1.12116	0.614363	0.834477	-1.19836	1.25582	2.52302	1.78583	1
cg01444238	UNC84A;UNC84A C13orf38;C13orf38;C13orf38;C13orf38;C13orf38;	0.379359	0.104419	1.51693	1.51693	0.837205	0.95285	-1.04948	0.980969	0.994328	-1.0057	0.0700154	0.621547	-1.60889	0.426784	0.826557	-1.20984		0.510595	0.854996	-1.1696	0.681507	1.10172	1.10172	0.341536	1.25869	1.25869	0.857287	1.04316	1.04316	1.25582	1.09607	0.775818	1
cg01703190	C13orf38;C13orf38	0.379362	0.388432	0.823718	-1.21401	0.39621	1.20999	1.20999	0.905194	0.974198	-1.02648	0.532593	1.14875	1.14875	0.0712894	0.642774	-1.55576		0.409108	0.830921	-1.20348	0.23401	0.760547	-1.31484	0.531152	1.14932	1.14932	0.314133	1.25657	1.25657	1.25581	0.957322	0.677613	1
cg08442835	KCNC1;KCNC1	0.379368	0.432331	0.425253	-2.35414	0.796403	1.3437	1.3437	0.259391	1.50952	1.50952	0.644867	1.07939	1.07939	0.0921149	0.926342	-2.4036		0.66926	0.632219	-1.58173	0.496033	0.478286	-2.0908	0.13207	0.176512	-5.66535	0.279658	0.301417	-3.31766	1.2558	2.6456	1.62052	1
cg06715410	INPP5A	0.37937	0.312556	1.64304	1.64304	0.319252	1.61312	1.63112	0.113441	2.26769	0.644189	1.24741	1.24741	0.301309	1.66372	1.66372		0.170424	2.00161	2.00161	0.122949	2.2131	0.870766	0.925527	-1.08047	0.31895	0.612876	-1.63165	1.25579	4.49382	3.18087	1
cg06985658	LOC81691;LOC81691;ER2;ER2	0.379382	0.57468	0.994734	-1.06082	0.833274	1.04271	1.04271	0.407325	0.845205	-1.18314	0.179105	0.752244	-1.32916	0.155689	0.739784	-1.35175		0.27867	1.29045	1.29045	0.946012	1.01353	1.01353	0.914707	1.02148	1.02148	0.938334	1.41561	1.41561	1.25576	0.782856	0.554214	1
cg05965414	4-Mar	0.379384	0.483313	1.11387	1.11387	0.0871763	1.33095	1.33095	0.929332	0.986661	-1.01352	0.318756	0.855578	-1.1688	0.620625	0.107845	-1.07845		0.669249	1.06721	1.06721	0.0916095	0.754894	-1.32469	0.574037	0.917618	-1.08978	0.643387	0.931861	-1.07312	1.25576	0.455709	0.332574	1
cg12526471	ZBTB16	0.379388	0.522307	1.3008	1.3008	0.014573	1.38778	1.38778	0.782691	0.89393	-1.11866	0.411053	1.40621	1.40621	0.0993551	1.00328	1.00328		0.900713	1.05192	1.05192	0.718575	0.863501	-1.15808	0.961515	1.01562	1.01562	0.926203	0.960388	-1.04125	1.25575	3.27102	2.31541	1
cg00049380	HS2L1;HS2L1	0.379391	0.352268	1.79508	-1.28853	0.948022	0.773759	-1.29239	0.937168	1.0211	1.0211	1.53575	0.288147	1.53575	0.288147	1.53575			1.14556	1.51263	1.51263	0.508079	1.19429	1.19429	0.123954	1.55468	1.55468	0.911084	0.970834	-1.03004	1.25137	2.13553	0.987337	1
cg08280936	ZNF783	0.379397	0.0506679	0.259635	-3.85156	0.63838	0.750774	-1.33196	0.90842	0.932688	-1.07217	0.323475	0.539273	-1.85435	0.115871	0.355258	-2.81486		0.13611	0.37812	-2.64467	0.290737	0.514819	-1.94243	0.243135	0.477298	-2.09533	0.248499	0.481667	-2.07612	1.25573	7.29298	5.16247	1
cg04001445	POLD2;POLD2	0.379398	0.380363	1.20606	1.20606	0.329156	0.978916	1.08298	0.773417	0.941399	-1.06225	0.236893	1.29842	1.29842	0.602937	1.11493	1.11493	0.0420558	1.62538	1.62538	0.229771	1.3704	0.978513	0.138593	1.13859	1.13859	0.386849	1.20187	1.20187	1.25573	0.854651	0.604981	1
cg00725390	MEIS1	0.379398	0.672448	0.812334	-1.23102	0.0894927	2.49689	2.49689	0.648091	1.43933	1.43933	0.812229	0.890139	1.12334	0.792188	0.87232	-1.14624	0.341844	1.61394	1.61394	0.931775	0.959014	-1.04274	0.0499714	2.981889	2.981889	0.6083626	0.776759	1.22874	1.25573	4.75071	3.36288	1
cg06756667	OSTYK;OSTYK	0.379398	0.0278652	0.54145	-1.84689	0.339353	0.792575	-1.26171	0.929006	0.979184	-1.02126	0.280249	0.767238	-1.30338	0.479454	0.84391	-1.18496		0.442096	0.831088	-1.20324	0.851129	0.956618	-1.04535	0.545146	1.15553	1.15553	0.485073	1.18232	1.18232	1.25572	1.10825	0.784498	1
cg12291059	CTAG1	0.379401	0.0453423	4.30702	4.30702	0.0384597	1.35599	1.35599	0.918742	1.06696	1.06696	0.794958	0.847281	-1.18005	0.636085	0.735169	-1.36023		0.931432	0.94681	-1.05618	0.899394	0.922859	-1.08365	0.837791	1.11905	0.419874	0.502482	-1.68782	1.25572	8.02334	5.67879	1
cg17287155	AHRR	0.37941	0.839466	1.206	1.206	0.0308095	10.4019	10.4019	0.152058	4.12437	4.12437	0.528623	0.554603	-1.80309	0.404868	0.455203	-2.19682		0.904234	1.11756	1.11756	0.861435	0.851008	-1.17508	0.924414	1.09158	1.09158	0.942371	1.06904	1.06904	1.25557	16.9587	12.0048	1
cg10121598	GAS2L1;GAS2L1;GAS2L1	0.379413	0.459872	0.847949	-1.17973	0.0279234	1.76931	1.76931	0.998161	1.20809	1.20809	0.2646	1.29098	1.29098	0.431487	0.818446	-1.11068	0.820028	1.05133	1.05133	0.837159	0.955801	-1.04624	0.85737	1.04037	1.04037	0.814666	1.05293	1.05293	1.25557	0.957025	0.679267	1
cg15534461	PEBP1	0.379414	0.1168	3.19255	3.19255	0.302142	2.07144	2.07144	0.0388354	5.10177	5.10177	0.33727	1.96201	1.96201	0.835596	1.15208	1.15208		0.445657	1.69832	1.69832	0.219765	2.4087	2.4087	0.42999	1.73121	1.73121	0.160373	2.77793	2.77793	1.25569	9.23005	6.53386	1
cg19439706	TRPA1	0.379416	0.847094	0.959454	-1.04226	0.120793	0.697158	-1.43439	0.0493044	0.618135	-1.61782	0.792742	0.945104	-1.05808	0.183939	0.739171	-1.35287		0.122705	0.698658	-1.43132	0.531881	0.873047	-1.14541	0.882342	0.968746	-1.03226	0.28287	0.787222	-1.27029	1.25568	0.914233	0.647178	1
cg05005422	CUX1;CUX1;CUX1	0.379442	0.216316	1.501	1.501	1.2604	0.354995	0.798188	1.08358	0.918074	1.09009	1.09009	0.0949455	0.829702	-1.20525	0.0332107	-3.01107		0.211152	1.25258	1.25258	0.0403407	0.26825	-3.72798	0.0433157	0.25	-4.00001	0.0433157	0.26553	-3.76696	1.0841	2.26576	1.73747	1
cg01963221	RAD54L/RAD54L/RAD54L	0.379422	0.154289	0.440139	-2.27201	0.707096	0.819974	-1.21955	0.835205	1.11561	1.11561	0.969569	1.02023	1.02023	0.328256	1.70883	1.70883		0.545042	0.727901	-1.37381	0.108031	0.402855	-2.48228	0.802368	1.13886	1.13886	0.822032	1.889753	-1.12391	1.25557	5.34595	3.7847	1
cg09202659	ARID2	0.379423	0.10675	0.372096	-2.68534	0.470826	0.615583	-1.57833	0.753407	0.795627	-1.25687	0.654093	0.795627	-1.25687	0.654093	0.509207	-1.96359	0.318207	0.407234	-2.45559	0.330281	0.538803	-1.85907	0.658254	0.724377	-1.38098	0.725158	0.843651	1.25557	0.799917	0.56262	1
cg01602135	GDF2	0.379424	0.835123	0.946437	-1.05659	0.136555	1.52753	1.52753	0.883116	1.03962	1.03962	0.236382	0.720568	-1.38779	0.166216	0.673571	-1.48462	0.102542	0.623831	-1.603	0.590033	1.15451	1.15451	0.779596	0.928577	-1.07692	0.802648	0.935996	-1.06838	1.25566	1.38746	0.982189	1
cg01139697	RTN1;RTN1;RTN1	0.379426	0.396641	1.40925	1.40925	0.0487931	0.410916	-2.43159	0.178788	0.568624	-1.75863	0.696947	0.856689	-1.16728	0.990308	1.00481	1.00481		0.934099	0.967842	-1.03323	0.960495	1.01977	1.01977	0.593619	0.808261	-1.23722	0.116736	0.509877	-1.96126	1.25566	3.1065	2.19911	1
cg21883042	C12orf61;MRILE??)	0.379431	0.0248364	1.18984	1.18984	0.0858947	0.974567	-1.51845	0.649587	1.04267	1.04267	0.56545	0.798407	1.02643	0.0911	1.3057	1.3057		0.99026	1.07966	-1.00006	0.614492	0.719607	-1.38965	0.384994	1.12437	1.12437	0.29128	0.787524	-1.26998	1.25565	0.963152	0.681829	1
cg27334938	C1	0.379434	0.601006	0.794309	-1.25896	0.174784	1.87742	1.87742	0.101448	2.18722	2.18722	0.399211	0.686148	-1.45741	0.717867	1.13528	1.13528		0.160914	1.92237	1.92237	0.197026	1.81344	1.81344	0.715909	0.85256	-1.17294	0.876559	0.933943	-1.07073	1.25564	3.78777	2.68142	1
cg11166299	FAM189A1	0.379435	0.250919	0.547394	-1.82684	0.584157	0.757571	-1.32001	0.503088	0.7108	-1.40687	0.256526	0.551621	-1.81284	0.042888	0.310194	-3.22379		0.191317	0.499107	-2.00358	0.390367	0.642678	-1.55599	0.10552	0.411361	-2.43095	0.199798	0.506417	-1.97466	1.25564	5.01774	3.55215	1
cg25426285	LEMD3;LEMD3	0.379442	0.796274	1.04315	1.04315	0.407793	1.14828	1.14828	0.160247	1.2776	1.2776	0.823225	1.03721	1.03721	0.121221	0.760043	-1.31572		0.217187	1.23617	1.23617	0.95244	1.00979	1.00979	0.84894	1.03163	1.03163	0.111093	1.3277	1.3277	1.25562	0.530289	0.375406	1
cg27455061	ARHGAP15	0.379443	0.904922	1.03553	1.03553	0.15762	0.920183	-1.08731	0.0443224	0.836217	-1.19577	0.0432824	0.836217	-1.19577	0.0432824	0.982579	1.00028	1.00028	0.820028	1.05133	1.05133	0.837159	0.955801	-1.04624	0.85737	1.04037	1.04037	0.814666	1.05293	1.05293	1.25562	0.95917	0.679267	1
cg20253855	CUX1;CUX1;CUX1	0.379444	0.71057	0.721625	-1.38576	0.0406884	0.126406	-7.91101	0.039265	0.125981	-8.06574	0.648824	0.669456	-1.49375	0.664038	0.682152	-1.46595		0.683234	0.698313	-1.43202	0.40583	0.475044	-2.10507	0.531104	0.573902	-1.74246	0.923814	0.919689	-1.08732	1.25562	15.2341	10.7847	1
cg02102874	SNCG;SNCG;MMRN2	0.379445	0.71148	0.888007	-1.12561	0.399405	0.983409	0.983409	-1.02774	0.833141	1.33441	1.33441	0.374741	1.33441	0.374741	1.66019	1.66019	0.60172	0.984264	1.01572	0.984264	1.01572	0.984264	1.01572	0.984264	1.01572	0.984264	1.01572	1.25561	0.705204	0.497539	0.414725	1
cg05202804	C19orf39	0.379456	0.0588558	0.313617	-3.18861	0.356564	0.597315	-1.67416	0.43893	0.651149	-1.53575	0.288149	0.549206	-1.82081	0.621296	0.762909	-1.31077		0.193795	0.473703	-2.11103	0.0996805	0.375338	-2.66427	0.259519	0.527426	-1.896	0.119332	0.399093	-2.50568	1.25559	5.87284	4.15765	1
cg25937395	NTF4	0.379457	0.220578	0.645894	-1.54824	0.882031	0.950849	-1.05169	0.261015	0.671747	-1.48866	0.520121	0.80149	-1.24768	0.260044	0.671155	-1.48997		0.213815	0.641291	-1.55935	0.0607789	0.487998	-2.04919	0.136461	0.580109	-1.72381	0.570586	1.21476	1.21476	1.25559	2.29084	1.62179	1
cg25794884	CYP27B1	0.379459	0.478067	1.09107	1.09107	0.0917151	0.7762	-1.28842	0.0480976	0.577455	-1.73167	0.0494504	0.577455	-1.73167	0.0494504	0.509272	-1.96345	0.60315	0.856066	-1.16813	0.117497	0.599983	1.59989	0.599983	0.0826893	0.720471	1.38798	0.721558	1.25557	1.74782	1.23737	1
cg15239263	ZNF668;ZNF646	0.379459	0.474775	0.908018	-1.10113	0.103267	2.1669	1.2669	0.165094	1.21723	1.21723	0.696801	0.615135	-1.61782	0.792742	0.945104	-1.05808	0.183939	0.739171	-1.35287	0.0973501	0.0725303	0.945104	-1.05808	0.183939	0.739171	-1.35287	0.0973501	0.0725303	1.25555	0.582884	0.455765	1
cg09702133	AGAP1;AGAP1	0.379464	0.317746	0.975158	-1.02548	0.0155135	1.02838	1.02838	0.708404	1.04909	1.04909	0.0497002	0.829702	-1.20525	0.0332107	-3.01107		0.0493557	0.734353	1.36204	0.0497002	-3.01107	0.0493557	0.734353	1.36204	0.0497002	-3.01107	0.0493557	0.734353	1.36204	1.25555	0.582884	0.455765	1
cg24448840	ABCF1;ABCF1	0.379464	0.488888	0.694516	-1.43985	0.0540901	0.321887	-3.10668	0.200518	0.496057	-2.0159	0.604	1.31167	1.31167	0.229284	0.915905	-1.92343	0.545042	0.727901	-1.37381	0.108031	0.402855	-2.48228	0.802368	1.13886	1.13886	0.822032	1.889753	-1.12391	1.25557	5.34595	3.7847	1
cg04439122	UNK	0.379465	0.517344	0.798102	-1.25292	0.69534	0.913579	1.33579	0.764486	0.599184	-1.78832	0.728096	0.867052	-1.15352	0.0933882	0.510237	-1.22334	0.182027	0.407234	-2.45559	0.330281	0.538803	-1.85907	0.658254	0.724377	-1.38098	0.725158	0.843651	1.25557	0.799917	0.56262	1
cg01602135	GDF2	0.379424	0.835123	0.946437	-1.05659	0.136555	1.52753	1.52753	0.883116	1.03962	1.03962	0.236382	0.720568	-1.38779	0.166216	0.673571	-1.48462	0.102542	0.623831	-1.603	0.590033	1.15451	1.15451	0.779596	0.928577	-1.07692	0.802648	0.935996	-1.06838	1.25566	1.38746	0.982189	1
cg01139697	RTN1;RTN1;RTN1	0.379426	0.396641	1.40925	1.40925	0.0487931	0.410916	-2.43159	0.178788	0.568624	-1.75863	0.696947	0.856689	-1.16728	0.990308	1.00481	1.00481		0.934099	0.967842	-1.03323	0.960495	1.01977	1.01977	0.593619	0.808261	-1.23722	0.116736	0.509877	-1.96126	1.25566	3.1065	2.19911	1
cg21883042	C12orf61;MRILE??)	0.379431	0.0248364	1.18984	1.18984	0.0858947	0.974567	-1.51845	0.649587	1.04267	1.04267	0.56545	0.798407	1.02643	0.0911	1.3057	1.3057		0.99026	1.07966	-1.00006	0.614492	0.719607	-1.38965	0.384994	1.12437	1.12437	0.29128	0.787524	-1.26998	1.25565	0.963152	0.681829	1
cg27334938	C1	0.379434	0.601006	0.794309	-1.25896	0.174784	1.87742	1.87742	0.101448	2.18722	2.18722	0.399211	0.686148	-1.45741	0.717867	1.13528	1.13528		0.160914	1.92237	1.92237	0.197026	1.81344	1.81344	0.715909	0.85256	-1.17294	0.876559	0.933943	-1.07073	1.25564	3.78777	2.68142	1
cg11166299	FAM189A1	0.379435	0.250919	0.547394	-1.82684	0.584157	0.757571	-1.32001	0.503088	0.7108	-1.40687	0.256526	0.551621	-1.81284	0.042888	0.310194	-3.22379		0.191317	0.499107	-2.00358	0.390367	0.642678	-1.55599	0.10552	0.411361	-2.43095	0.199798	0.506417	-1.97466	1.25564	5.01774	3.55215	1
cg25426285	LEMD3;LEMD3	0.379442	0.796274	1.04315	1.04315	0.407793	1.14828	1.14828	0.160247	1.2776	1.2776	0.823225	1.03721	1.03721	0.121221	0.760043	-1.31572		0.217187	1.23617	1.23617	0.95244	1.00979	1.00979	0.84894	1.03163	1.03163	0.111093	1.3277	1.3277	1.25562	0.530289	0.375406	1
cg27455061	ARHGAP15	0.379443	0.904922	1.03553	1.03553	0.15762	0.920183	-1.08731	0.0443224	0.836217	-1.19577	0.0432824	0.836217	-1.19577	0.0432824	0.982579	1.00028	1.00028	0.820028	1.05133	1.05133	0.837159	0.955801	-1.04624	0.85737	1.04037	1.04037	0.814666	1.05293	1.05293	1.25562	0.95917	0.679267	1
cg20253855	CUX1;CUX1;CUX1	0.379444	0.71057	0.721625	-1.38576	0.0406884	0.126406	-7.91101	0.039265	0.125981	-8.06574	0.648824	0.669456	-1.49375	0.664038	0.682152	-1.46595		0.683234	0.698313	-1.43202	0.40583	0.475044	-2.10507	0.531104	0.573902	-1.74246	0.923814	0.919689	-1.08732	1.25562	15.2341	10.7847	1
cg21012874	SNCG;SNCG;MMRN2	0.379445	0.71148	0.888007	-1.12561	0.399405	0.983409	0.983409	-1.02774	0.833141	1.33441	1.33441	0.374741	1.33441	0.374741	1.66019	1.66019	0.60172	0.984264	1.01572	0.984264	1.01572	0.984264	1.01572	0.984264	1.01572	0.984264	1.01572	1.25561	0.705204	0.497539	0.414725	1
cg05202804	C19orf39	0.379456	0.0588558	0.313617	-3.18861	0.356564	0.597315	-1.67416	0.43893	0.651149	-1.53575	0.288149	0.549206	-1.82081	0.621296	0.762909	-1.31077		0.193795	0.473703	-2.11103	0.0996805	0.375338	-2.66427	0.259519	0.527426	-1.896	0.119332	0.399093	-2.50568	1.25559	5.87284	4.15765	1
cg25937395	NTF4	0.379457	0.220578	0.645894	-1.54824	0.882031	0.950849	-1.05169	0.261015	0.671747	-1.48866	0.520121	0.80149	-1.24768	0.260044	0.671155	-1.48997		0.213815	0.641291	-1.55935	0.0607789	0.487998	-2.04919	0.136461	0.580109	-1.72381	0.570586	1.21476	1.21476	1.25559	2.29084	1.62179	1
cg25794884	CYP27B1	0.379459	0.478067	1.09107	1.09107	0.0917151	0.7762	-1.28842	0.0480976	0.577455	-1.73167	0.0494504	0.577455	-1.73167	0.0494504	0.509272	-1.96345	0.60315	0.856066	-1.16813	0.117497	0.599983	1.59989	0.599983	0.0826893	0.720471	1.38798	0.721558	1.25557	1.74782	1.23737	1
cg15239263	ZNF668;ZNF646	0.379459	0.474775	0.908018	-1.10113	0.103267	2.1669	1.2669	0.165094	1.21723	1.21723	0.696801	0.615135	-1.61782	0.792742	0.945104	-1.05808	0.183939	0.739171	-1.35287	0.0973501	0.0725303	0.945104	-1.05808	0.183939	0.739171	-1.35287	0.0973501	0.0725303	1.25555	0.582884	0.455765	1
cg09702133	AGAP1;AGAP1	0.379464	0.317746	0.975158	-1.02548	0.0155135	1.02838	1.02838	0.708404	1.04909	1.04909	0.0497002	0.829702	-1.20525	0.0332107	-3.01107		0.0493557	0.734353	1.36204	0.0497002	-3.01107	0.0493557	0.734353	1.36204	0.0497002	-3.01107	0.0493557	0.734353	1.36204	1.25555	0.582884	0.455765	1
cg24448840	ABCF1;ABCF1	0.379464	0.488888	0.694516	-1.43985	0.0540901	0.321887	-3.10668	0.200518	0.496057	-2.0159	0.604	1.31167	1.31167	0.229284	0.915905	-1.92343	0.545042	0.727901	-1.37381	0.108031	0.402855	-2.48228	0.802368	1.13886	1.13886	0.822032	1.889753	-1.12391	1.25557	5.34595	3.7847	1
cg04439122	UNK	0.379465	0.517344	0.798102	-1.25292	0.69534	0.913579	1.33579	0.764486	0.599184	-1.78832	0.728096	0.867052	-1.15352	0.0933882	0.510237	-1.22334	0.182027	0.407234	-2.45559	0.330281	0.538803	-1.85907	0.658254	0.724377	-1.38098	0.725158	0.843651	1.25557	0.799917	0.56262	1
cg03604716	SORCS2	0.379475	0.0973091	0.113385	-7.61227	0.336621	0.330377	-2.51285	0.288057	0.292198	-3.42234	0.502088	0.23832	-2.13832	0.119805	0.260238	-3.84	0.0625	0.927559	-1.0781	0.235766	0.250845	0.88594	-1.93864	0.30486	0.305677	-3.27143	0.491237	0.178059	-5.61611	0.25514	0.74018	1
cg07886096	SMPD2;PPIL6;PPIL6	0.37948	0.0377784	0.729872	-1.3701	0.896795	0.983181	-1.01711	0.581626	0.929844	-1.07545	0.806814	0.968485	-1.03254	0.67726	0.946763	-1.05623		0.188413	0.833474	-1.1998	0.186581	0.832767	-1.20082	0.514968	1.09013	1.09013	0.537004	1.08514	1.08514	1.25553	0.3397	0.2405	1
cg03873475	JAK1	0.379484	0.171184	1.4009	1.4009	0.337925	0.974567	-1.51845	0.649587	1.04267	1.04267	0.56545	0.798407	1.02643	0.0911	1.3057	1.3057		0.524684	0.863052	-1.1637	0.313003	0.795548	-1.27311	0.388333	0.996624	-1.00339	0.940465	1.01743	1.01743	1.25551	1.00451	0.753659	1
cg13392062	DHX16;DHX16	0.379503	0.70732	0.923426	-1.08292	0.169212	0.671294	-1.48966	0.541257	0.845108	-1.18328	0.271092	0.732136	-1.36587	0.247333	1.38978	1.38978		0.262849	0.727848	-1.37391	0.225407	0.414405	0.294975	0.74412	-1.34387	0.325211	0.758478	-1.31843	1.25548	1.4724	1.04247	1
cg03571121	KCNQ1;KCNQ1	0.379506	0.316263	0.947019	-1.1538	0.436367	1.247	1.247	0.321913	1.32953	1.32953	0.348967	0.764878	-1.3074	0.881139	1.04245	1.04245		0.194342	1.47473	1.47473	0.0646724	1.78048	1.78048	0.685045	1.43665	1.43665	0.0930074	1.11973

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105T 047 vs. N) vs. N)	Fold-Change(1-p-value(105T vs. N)	Fold-Change(1-p-value(105T 057 vs. N) vs. N)	Fold-Change(1-p-value(111T vs. N)	Fold-Change(1-p-value(112T 117 vs. N) vs. N)	Fold-Change(1-p-value(112T 127 vs. N) vs. N)	Fold-Change(1-p-value(121T 127 vs. N) vs. N)	Fold-Change(1-p-value(121T 121 vs. N) vs. N)	p-value(347T vs. N)	Fold-Change(1-p-value(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(1-p-value(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(1-p-value(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(1-p-value(5 vs. N)	p-value(563T vs. N)	Fold-Change(1-p-value(563T 63T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg14496609	SPHK1;SPHK1;SPHK1;SPHK1	0.379969	0.553824	1.704524	-1.25862	0.07735376	1.07146	2.07146	0.391244	1.37802	1.267977	0.5242	1.5242	0.276832	0.661757	1.51113	0.247791	0.643361	-1.55434	0.914426	1.04009	1.04009	0.901876	0.955975	-1.04605	0.503365	1.28133	1.28133	1.25438	2.647	1.87573	1
cg27575622	RPH3AL	0.379972	0.0884895	0.215284	-4.64502	0.167732	0.300711	-3.32545	0.955257	1.00487	1.00487	0.572025	0.627104	-1.59463	0.12055	0.252582	-3.95911	0.531102	0.595426	-1.67947	0.650472	1.45175	0.09195557	0.219573	-4.55429	0.485158	0.560088	-1.78543	1.25438	13.2677	9.40188	1
cg04789318	EXOC2	0.379976	0.725624	1.06505	1.06505	0.25601	0.808893	-1.23626	0.682485	0.929071	-1.07634	0.556964	1.11211	1.11211	0.339025	1.19277	1.19277	0.751246	0.944703	-1.05853	0.104348	1.37579	1.37579	0.206923	0.788139	-1.26881	0.219498	1.25981	1.25981	1.25437	0.63562	0.450423	1
cg18403673	MACROD1	0.379976	0.211231	2.88653	2.88653	0.269737	0.39653	-2.52188	0.945225	0.94429	-1.0595	0.221802	1.84084	2.81084	0.25093	3.980812	-2.62597	0.225405	0.338955	-2.78536	0.307656	0.427467	-2.33936	0.57058	1.586161	0.541282	1.64493	1.64493	1.25437	12.868	9.1187	1
cg24319545	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.379979	0.653624	0.914039	-1.09405	0.218112	1.29407	1.29407	0.592736	1.11342	1.11342	1.138285	0.723526	-1.38212	0.587338	1.11521	1.11521	0.464715	1.15959	1.15959	0.490696	1.14948	1.14948	0.564026	1.12305	1.12305	0.0702112	1.49594	1.49594	1.25436	0.786662	0.55746	1
cg20190922	DAAM2	0.379989	0.743486	0.775597	-1.28933	0.0251987	0.127452	-7.84612	0.195272	0.346423	-2.88664	0.968445	0.969851	-1.03109	0.352595	0.470093	-2.09647	0.558343	0.6325	-1.58103	0.510306	1.67667	1.67667	0.31001	0.449335	-2.25461	0.808143	0.828393	-1.20716	0.25434	11.8877	8.43133	1
cg27226538	ACSF2;ACSF3;ACSF3	0.379992	0.522711	0.707311	-1.41381	0.0224635	0.231885	-4.31247	0.315031	0.573866	-1.74257	0.937947	1.0425	1.0425	0.152617	0.440001	-2.26808	0.444149	0.659012	-1.51742	0.780035	0.861002	-1.16144	0.390824	0.624997	-1.60001	0.882201	1.08249	1.08249	1.25433	5.67652	4.0227	1
cg05081514	TSNAX6:1	0.379994	0.824398	1.11571	1.11571	0.1608381	1.21757	1.21757	0.941306	1.04007	1.04007	0.402311	1.63365	1.63365	0.772188	0.844852	-1.18084	0.04719	3.67085	3.67085	0.899749	0.320968	-1.08229	0.214095	0.472824	-2.11495	0.771695	0.846538	-1.18128	1.25433	6.514	4.6162	1
cg19542542	NPBL2;APBB2;APBB2	0.379997	0.946151	0.953482	-1.04979	0.618057	1.14265	1.42546	0.946154	0.94618	1.0488	0.794422	1.28218	1.20218	0.37415	0.670339	-1.49245	0.429337	1.76642	1.76642	0.155048	2.92459	2.92459	0.0236134	0.72612	0.72612	0.431587	1.75684	1.75684	1.25432	0.87985	0.70149	1
cg05001044	MIR1977	0.379999	0.990511	1.00276	1.00276	0.859563	1.04187	1.04187	0.0378633	1.74648	1.74648	0.952121	0.986188	-1.01401	0.681356	1.10033	1.10033	0.929339	1.02075	1.02075	0.137249	1.44873	1.44873	0.326191	0.790764	-1.2646	0.295611	1.28553	1.28553	1.25431	1.06541	0.75502	1
cg19195812	HPCAL1;HPCAL1	0.380008	0.313092	1.534298	1.534298	0.182059	1.022089	1.022089	0.143143	1.093787	1.093787	0.709193	-1.41981	0.0385511	0.0966	2.586498	-3.02026	0.892496	1.08461	1.08461	0.656354	1.15906	1.15906	0.49208	0.975511	-1.52061	0.190519	1.43489	1.43489	1.25429	2.29943	1.62549	1
cg25220300	RASA2	0.380011	0.572393	1.49442	1.49442	0.38717	1.86682	1.86682	0.0336683	0.174276	-5.73804	0.685088	0.750421	-1.33258	0.868186	0.889607	-1.12409	0.539735	0.645834	-1.54839	0.778895	1.21923	1.21923	0.203525	0.388606	-2.5733	0.621043	1.42041	1.42041	1.25429	0.85218	0.68206	1
cg25405424	PPAPDC1B;PPAPDC1B;PPAPDC1B	0.380012	0.242002	0.469419	-2.02423	0.421361	1.60488	1.60488	0.448406	1.56038	1.56038	0.631823	0.757275	-1.32012	0.232277	0.480202	-2.08259	0.698511	0.799191	1.25126	0.0823103	0.330074	-3.02962	0.127754	0.387182	-2.58143	0.559566	0.711783	1.40492	1.25428	6.58963	4.66925	1
cg10964887	KIAA1009	0.380022	0.316705	0.603519	-1.65695	0.444482	1.46272	1.46272	0.181844	1.95465	1.95465	0.196451	1.96645	1.96645	0.261593	0.564885	-1.77027	0.324448	0.608696	-1.64285		0.288884	0.584412	-1.71112	0.687121	0.8398	1.19147	0.18254	1.99399	1.99399	0.24626	4.72783	3.3506	1
cg12458587	PEBP4	0.380031	0.357223	0.74677	-1.3391	0.471084	1.25369	1.25369	0.191156	1.53237	1.53237	0.304855	0.720595	-1.38774	0.321812	0.732506	-1.36518	0.235569	1.46718	1.46718	0.267491	1.42793	1.42793	0.121568	1.16584	1.16584	0.338021	0.737432	-1.35606	1.25424	1.88912	1.33884	1
cg15091419	TRIM11	0.380034	0.28233	1.77932	1.77752	0.345427	0.752542	-1.32883	0.229622	0.522552	-1.91369	0.0975752	0.5497	0.54967	-1.80894	0.643156	-1.54477											0.713743	1.20889	1.20889	0.492911	0.406211	0.73212	1
cg03070194	GSTM2;GSTM2;GSTM2;GSTM2	0.380043	0.376274	0.742609	-1.3466	0.0331159	0.441993	-2.26248	0.144319	0.598108	-1.67194	0.185414	0.631129	-1.58446	0.709403	0.88454	-1.13053	0.380656	0.744737	-1.34276	0.192218	0.636101	-1.57208	0.998929	0.99956	-1.00044	0.704155	0.882468	-1.13319	1.25421	2.1337	1.5122	1
cg10025838	SLC5A9;SLC5A9	0.380046	0.918516	0.976364	-1.02421	0.0360122	1.76847	1.76847	0.109165	1.50432	1.50432	0.868167	1.03096	1.03096	0.426369	1.20907	1.20907	0.214385	1.35736	1.35736	0.962555	0.988086	-1.01103	0.864549	0.960876	-1.04072	0.953698	1.24995	1.24995	1.2542	1.08538	0.76937	1
cg19151443	FAM59A	0.380048	0.353556	0.602226	-1.66005	0.558458	1.2528	1.2528	0.457177	0.853141	-1.17208	0.788676	0.873024	-1.14544	0.934261	1.0847	1.0847	0.749353	1.17669	1.17669	0.804662	1.13427	1.13427	0.111424	0.413909	-2.41599	0.444617	0.672858	1.4862	1.2542	5.11502	3.69394	1
cg19860691	SLC9A6;SLC9A6	0.380049	0.193949	0.2878	-3.47464	0.3916991	0.451454	-2.21507	0.948023	0.94263	-1.06086	0.577101	1.66614	1.66614	0.363135	0.428702	-2.33262	0.0232773	0.0856546	-11.6748	0.653793	0.663387	-1.50742	0.771819	0.768349	-1.30149	0.383893	0.445249	-2.24594	1.2542	16.313	11.5616	1
cg02518284	ERICH1	0.380049	0.996905	1.0014	1.0014	0.550953	1.12557	1.12557	0.648951	1.18118	1.18118	0.458049	0.961599	-1.04052	0.0915644	0.815883	-1.22553	0.0474241	2.26807	2.26807	0.121604	1.83504	1.83504	0.999968	0.999986	-1.00001	0.436756	0.750906	1.33172	1.2542	2.50001	1.83562	1
cg04096368	SLC37A1	0.380049	0.638081	0.702855	-1.42277	0.117284	0.281919	-3.54712	0.270039	0.425395	-2.35075	0.571592	0.653477	-1.53028	0.0417229	0.174276	-5.73804	0.479015	1.70844	1.70844	0.457133	0.569182	-1.75691	0.872372	1.1271	1.1271	0.345212	0.485044	-2.06167	1.2542	1.10017	7.79725	1
cg18100653	INSIG1;INSIG1;INSIG1	0.380052	0.299398	0.594545	1.19813	0.0439329	0.61222	1.61222	0.0859	1.3311	1.3311	0.0959	1.3311	1.3044	0.0499284	1.389994	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.13855	1.13855	1.25301	1.07282	0.80962	1
cg06358794	RPTOR;RPTOR	0.380052	0.307007	0.769883	-1.2989	0.896405	0.968299	-1.03274	0.796691	0.93815	-1.06593	0.236494	0.735842	-1.35899	0.101892	0.642247	1.55703	0.464779	1.20199	1.20199	0.181071	1.4207	1.4207	0.680318	0.902618	-1.10789	0.207076	0.719621	1.38962	1.25419	1.21474	0.860932	1
cg07006818	LMTK2	0.380054	0.971709	0.99326	-1.00679	0.665166	1.08646	1.08646	0.686841	1.08035	1.08035	0.481269	1.14627	1.14627	0.253128	1.2145	1.2145	0.516921	1.1335	1.1335	0.0322993	1.61292	1.61292	0.243208	0.792247	-1.26233	0.591304	0.901794	-1.1089	1.25418	0.722401	0.511996	1
cg24229707	GAMT;GAMT	0.380058	0.10802	0.567173	-1.76252	0.345427	0.752542	-1.32883	0.229622	0.522552	-1.91369	0.0975752	0.5497	0.54967	-1.80894	0.643156	-1.54477	0.302715	0.64734	-1.54476	0.656258	0.852986	-1.17235	0.964621	1.03859	1.03859	0.507479	0.804566	-1.24291	1.25418	2.07738	1.47233	1
cg26939207	C16orf79	0.380058	0.939567	1.05041	1.05041	0.0272178	0.447747	1.44747	0.123998	2.94586	2.94586	0.582493	1.43348	1.43348	0.496768	0.639217	-1.56441	0.800522	1.17846	1.17846	0.76921	0.826277	-1.21025	0.580324	1.43651	1.43651	0.724676	1.25779	1.25779	1.25417	8.35568	5.92305	1
cg19332308	PRDM16;PRDM16	0.380058	0.534681	0.876555	-1.14103	0.316069	1.7039	1.7039	0.176581	1.17404	1.17404	0.106076	0.857434	1.16745	0.0125514	0.217385	0.761094	0.76412	1.06535	1.06535	0.569281	0.89194	-1.12115	0.875358	0.828203	-1.20703	0.0916141	-1.07611	1.27413	1.25417	0.878956	0.62298	1
cg24131748	CDCH;CDCH	0.380087	0.177212	2.30314	2.30314	0.679496	1.26722	1.26722	0.432686	0.634392	-1.57631	?	?	?	?	?	?	0.893697	0.97005	1.07005	0.366103	1.70478	1.70478	0.226937	0.28459	0.088068	0.108593	1.09593	1.09593	1.30688	4.9623	3.25462	1
ch.17.9583SF	DDX52;DDX52	0.380105	0.0298169	0.329331	-3.03646	0.458717	0.720523	-1.38788	0.694608	0.842467	-1.18699	0.503299	0.744466	-1.34324	0.275518	0.601805	-1.66394	0.394099	0.684911	-1.46004	0.09294	0.447962	-2.23233	0.212879	0.565557	-1.76817	0.547646	0.767712	-1.30257	1.25406	3.74862	2.65704	1
cg00388046	LOC100132247;NIPJL3	0.380131	0.370057	-1.6986	1.70196	0.0254958	0.27257	-3.66855	0.0441951	0.74946	-1.33446	0.0880891	0.744	0.744	-1.34404	0.0906704	-1.10293	0.0474241	2.26807	2.26807	0.121604	1.83504	1.83504	0.999968	0.999986	-1.00001	0.436756	0.750906	1.33172	1.2542	2.50001	1.83562	1
cg02829258	ATP6V1E2	0.380147	0.763875	1.15754	1.15754	0.953418	0.973217	-1.02752	0.0151475	4.259	4.259	0.852513	1.09459	1.09459	0.739168	0.850216	1.17617	0.940364	1.037	1.037	0.49837	0.7162	0.716213	-1.39623	0.706151	0.83199	-1.20194	0.948334	0.969317	-1.03165	1.25397	4.43872	3.28395	1
cg09447514	SPTLC2;SPTLC2	0.380152	0.0136015	0.249384	-4.00982	0.977827	0.987543	-1.01261	0.727709	0.854144	-1.17076	0.479669	0.723182	-1.38295	0.870462	1.1754	1.1754	0.480723	0.727062	-1.3754	0.837658	0.931618	-1.09695	0.985395	0.970196	-1.03096	0.526326	0.633397	1.01976	1.01976	0.526326	0.633397	1.01976	1.25395	1.57913	0.39295	0.245972	1.22805	1
cg18559169	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.380163	0.180409	2.15332	2.15332	0.286081	1.8152	1.8152	0.583771	1.34764	1.34764	0.161669	0.465494	-2.14636	0.230712	0.4699	-2.12766	0.198195	0.480315	-2.08197	0.446168	1.52276	1.52276	0.597388	1.15857	1.15857	0.707249	0.815919	-1.22561	1.25393	5.77467	4.0977	1
cg23247191	TPCN2	0.380165	0.6499686	1.2115	1.2115	0.0504535	1.47153	1.47153	0.550435	0.947371	-1.18012	0.991461	1.24156	1.24156	0.0683624	1.613204	1.613204	0.319201	1.32957	1.32957	0.441596	1.20645	1.20645	0.0514698	1.83636	1.83636	0.48407	1.12508	1.12508	1.25392	1.49248	1.058	1
cg04877792	ZFP62	0.380166	0.206571	1.14911	1.14911	0.387182	1.09689	1.09689	0.229969	0.876857	-1.14044	0.337588	1.10865	1.10865	0.0573017	1.25153	1.25153	0.720484	0.963207	-1.0382	0.662075	0.955153	-1.04695	0.974742	1.00331	1.00331	0.87003	0.98306	-1.01723	1.25392	0.216184	0.15325	1
cg18534460	GPR55	0.380172	0.0907202	1.00907	1.00907	0.0324376	0.68315	0.68315	0.0616567	4.4309	4.4309	0.815164	1.14366	1.14366	0.0183537	1.41572	1.41572	0.572024	1.49737	1.49737	0.366164	1.94538	1.94538	0.944581	1.01511	1.01511	0.909963	0.922097	-1.08449	1.2539	0.3081	1.23647	1
cg15810744	CORO1B;CORO1B	0.380175	0.44717	0.7684	-1.3014	0.155327	0.596281	-1.67706	0.227059	0.649705	-1.53915	0.599444	1.22225	1.22225	0.566947	1.19915	1.19915	0.505496	0.2528	1.25828	0.795655	1.09226	1.09226	0.0568578	0.480535	-2.08101	0.809066	0.954433	1.04774	1.2539	1.29616	1.62775	1
cg22929859	TBX5;TBX5;TBX5;TBX5	0.380182	0.546712	0.708563	-1.41131	0.717253	1.22804	1.22804	0.585847	0.732878	-1.36448	0.512058	0.686871	-1.45588	0.450489	0.647708	-1.5439	0.540639	0.704774	-1.41889	0.0170189	0.19366	-5.1637	0.89922	1.07419	1.07419	0.249578	0.506765	-1.9733	1.25388	6.33615	4.49175	1
cg18084174	ZNF626;ZNF626	0.380187	0.8780852	1.04507	1.04507	0.0776995	0.922102	-1.08428	0.727861	0.738572	-1.3535	0.0738733	0.58652	-1.70532	0.0813731	0.478964	-2.08742	0.979763	1.01086	1.01086	0.902564	1.14103	1.14103	0.560351	0.972809	0.911866	-1.09706	0.723523	0.154046	1.54979	1.25388	1.61049	1.16049	1
cg06417962	RNH1;RNH1;RNH1;RNH1;RNH1;R	0.380197	0.432095	0.702349	-1.42379	0.3784095	0.415748	-2.40531	0.685027	1.19686	1.19686	0.781214	1.13054	1.13054	0.28086	0.610211	-1.63878	0.975548	1.0316	1.0316	0.276832	0.60748	-1.64615	0.0979823	0.449362	-2.22538	0.487025	1.36507	1.36507	1.25385	3.85647	2.73396	1
cg05372597	MST1P2	0.380197	0.0994683	0.225473	-4.43512	0.5700446	0.623312	-1.60483	0.383073	0.478137	-2.09145	0.2942	0.40759	-2.45345	0.0531167	0.163202	-6.12736	0.433177	0.516968	-1.93436	0.299508	0.411901	-2.42777	0.25096	0.371764	-2.68988	0.1035564	0.232573	-4.29973	1.25385	13.5132	9.57988	1
cg01026507	DNAJC5	0.380198	0.141175	0.538285	-1.85801	0.4447555	1.14232	1.14232	0.0183622	0.921157	-1.08559	0.934373	0.980314	-1.01418	0.197455	0.759858	-1.323	0.676315	0.93708	1.07445	0.6468158	0.677564	-1.47587	0.934906	1.01742	1.0142	0.804281	0.958424	-1.04338	1.25385	0.601079	0.411794	1
cg02487499	ZSCAN20	0.380203	0.1576975	2.07975	2.74576	0.144331	0.503145	1.98668	0.090889	0.55444	1.0794	1.0794	0.326683	1.13852	1.13852	0.0183	2.66868	0.166025	1.20833	1.20833	0.0926962	0.768964	-1.26749	0.239215	0.853926	-1.17106	0.0722196	0.0468	1.0468	1.0468	1.25383	0.329555	0.231082	1
cg11829872	STRN3;STRN3;AP4S1;AP4S1	0.380203	0.539277	1.33598	1.33598	0.0322105	3.2189	3.2189	0.292752	1.6631	1.6631	0.781924	1.13806	1.13806	0.18031	1.94074	1.94074	0.722078	1.1811	1.1811	0.368479	0.650191	-1.53801	0.839801	0.910032	-1.09886	0.52507	1.35006	1.35006	1.25383	4.31306	3.05769	1
cg24066516	GPD2;GPD2	0.380204	0.7938215	1.09375	1.09375	0.6499506	0.795956	-1.25643	0.0429601	0.555055	-1.93986	0.491908	0.818891	-1.22151	0.740628	0.73097	-1.36825	0.670804	1.10975	1.10975	0.607883	1.10516	1.10516	0.897963	0.937	1.03741	0.886392	0.957816	1.04404	1.25382	1.62697	1.15344	1
cg02858053	SPATA1;GNG5	0.380222	0.33331	0.628139	-1.592	0.668101	1.22261	1.22261	0.131055	2.13762	2.13762	0.90802	1.05533	1.05533	0.810968	1.11812	1.11812	0.396022	0.666965	-1.49933	0.218963	0.547477	-1.82656	0.30275	1.6445	1.6445	0.160462	0.201106	2.01106	1.2538	4.31161	3.05675	1
cg23698809	INTS9;INTS9;INTS9	0.380232	0.788068	0.692146	-1.44539	0.444482	0.942237	-2.0208	0.237652	0.543596	-1.84006	0.505645	0.391157	-2.55415	0.659644	0.545939	-1.83171	0.379896	0.724267	-1.38076	0.542642	0.651695	20.574	20.574	0.042642	0.410166	-2.4355	0.498205	0.340232	2.93899	1.25379	37.0934	26.2552	1
cg01294608	IRX1	0.380233	0.2783161	1.56053	1.56053	0.263996	4.35782	4.35782	0.0127	2.02394	2.02394	0.953569	1.07639	1.07639	0.0751027	12.2516	12.2516	0.818697	1.20715	1.20715	0.564173	0.478963	-2.08785	0.07805	0.449	1.84642	0.200745	0.520222	5.52022	1.25376	31.7364	22.5004	1
cg22041658	POP4;POP4	0.380241	0.758897	0.915625	-1.09215	0.697587	1.115666	1.11566	0.490301	1.21701	1.21701	0.276967	1.37289	1.37289	0.403235	1.27092	1.27092	0.460815	0.810222	-1.23423	0.476747	0.816454	-1.22481	0.604847	1.15755	1.15755	0.042702	0.52001	-1.92304	1.25374	1.55989	1.10594	1
cg14509032	OLFML3;OLFM1	0.380242	0.984809	1.01515	1.01515	0.844124	1.14212	1.14212	0.130557	1.05978	1.05978	0.641866	0.886571	-1.12791	0.424375	1.3399	1.3399	0.640734	1.84425	1.84425	0.185041	1.34792	1.34792	0.250285	1.08894	0.491771	0.828829	0.20652	2.12533	1.25374	1.0177	0.77	1
cg00330139	C6orf124	0.380247	0.240263	0.616651	-1.62166	0.201345	1.69989	1.69989	0.111975	1.97492	1.97492	0.73676	1.14186	1.14186	0.437671	0.732497	-1.36519	0.521067	0.774334	-1.29143	0.302852	0.657274	-1.52144	0.566993	0.796498	-1.2555	0.456366	1.34753	1.34753	1.25373	3.06988	2.17653	1
cg19448328	INPP5A	0.380248	0.518452	1.35397	1.35397	0.0377764	1.05034	1.05034	0.229804	1.7919	1.7919	0.787403	0.882381	-1.1333	0.357691	1.58018	1.58018	0.47267	1.40127	1.40127	0.193311	1.89124	1.89124	0.979325	1.01213	1.01213	0.648536	0.71077	-1.40692	1.25373	4.25499	3.01678	1
cg22771015	ACPL2;ACPL2	0.380249	0.221841	0.819946	-1.22049	0.2526538	1.20371	1.20371	0.307443	0.84879	-1.17815	0.555871	0.709685	-1.40935	0.316304	1.17554	1.17554	0.304044	1.17961	1.17961	0.16583	0.795066	-1.25775	0.490935	0.89804	-1.11354	0.737364	0.10361	1.05361	1.25373	0.478138	0.338998	1
cg16767590	PCGF3	0.380249	0.244809	2.75411	2.75411	0.0712656	5.35284	5.35284	0.0867705	4.8314	4.8314	0.306674	2.41387	2.41387	0.308303	2.40624	2.40624	0.30446	2.42435	2.42435	0.119054	4.0907	4.0907	0.220698	2.92152	2.92152	0.423298	1.97586	1.97586	1.25373	13.7679	9.76143	1
cg16591948	RERE;RERE	0.380252	0.53682	1.35397	1.35397	0.0377764	1.05034	1.05034	0.229804	1.7919	1.7919	0.787403	0.882381	-1.1333	0.357691	1.58018	1.58018	0.394113	1.46139	1.46139	0.194043	1.83663	1.83663	0.897964	1.01221	1.01221	0.766304	0.908433	1.10274	1.25372	3.75139	2.65974	1
cg21814238	PDE2A;PDE2A;PDE2A;PDE2A	0.380257	0.362609	0.747064	-1.33857	0.451961	2.76974	2.76974	0.871337	0.950742	-1.05181	0.177851	1.56238	1.56238	0.161797	0.572253	-1.74748	0.853105	1.05946	1.05946	0.532735	0.821264	-1.21764	0.121615	0.559275	-1.68705	0.792739	0.922193	1.08553	1.25371	1.92837	1.36723	1
cg19727156	ZMIZ2	0.380259	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg13149442	SLC14A1;SLC14A1;SLC14A1	0.380260	0.878079	1.09961	1.09961	0.224602	2.20128	2.20128	0.343465	1.82882	1.82882	0.334033	1.85208	1.85208	0.113233	0.344319	-2.90428	0.933182	1.05324	1.05324	0.255576	0.479907	-2.08374	0.268843	0.490493	-2.03876	0.632951	1.34665	1.34665	1.2537	7.59722	5.38652	1
cg09447006	CUL5	0.380261	0.7439	0.934061	-1.07059	0.976677	1.0061	1.0061	0.155105	1.37826	1.37826	0.259535	1.2773	1.2773	0.406402	0.984474	-1.01577	0.394233	0.833948	-1.19911	0.0670014	0.652316	-1.533	0.50687	0.86925	-1.15042	0.50441	0.868524	-1.15138	1.2537	0.859735	0.609565	1
cg26438739	ARMC6;ARMC6;ARMC6;ARMC6	0.380264	0.155642	1.49442	1.49442	0.38717	1.86682	1.86682	0.0336683	0.174276	-5.73804	0.685088	0.750421	-1.33258	0.868186	0.889607	-1.12409	0.181084	1.33525	1.33525	0.29708	0.756203	-1.32178	0.0239023	-1.44039	0.0373718	0.0239023	-1.36436	0.877458	1.88816	1.12611	0.31609	0.74013	0.34041	1
cg21517792	MTA1	0.380265	0.117313	0.276773	-3.61307	0.634142	0.696261	-1.43624	0.161828	0.38951	-3.08951	0.882465	0.894302	-1.11819	0.206608	0.365734	-2.73423	0.31643	0.457447	-2.18605	0.727853	0.768129	-1.30187	0.216753	0.37477	-2.66831	0.03135	0.387517	-2.58053	1.25369	11.3217	8.02729	1
cg23720125	LOC202181	0.380267	0.194842	0.70101	-1.42665	0.272884	0.328319	0.328319	0.0227303	0.276602	-3.17627	0.609636	1.1234	1.1234	0.160851	0.682337	-1.4656

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg17220203	HS01787P2	0.3806267	0.607662	-1.64565	0.1220275	1.404884	-2.46884	0.230832	1.97031	1.97031	0.6626201	1.780085	-1.26729	0.415938	0.6385117	-1.56613	0.326115	0.578668	-1.72811	0.0661199	0.32883	-3.04109	0.4679888	0.6731373	-1.48948	0.6162298	0.7614	-1.31337	1.25284	5.77626	4.09825	1
cg10802680	DIABLO;DIABLO;DIABLO;DIABLO	0.380639	0.135697	0.372255	-2.68633	0.0932559	1.0052	1.0052	0.440317	0.616546	-1.62194	0.895165	0.922175	-1.08439	0.0354745	0.221557	-1.51352		0.544466	0.685932	-1.45787	0.185738	0.422195	-2.36857	0.2067	0.441166	-2.26672	0.331001	0.539882	-1.85226	1.25281	7.49356	5.3168	1
cg09871637	LMO4	0.380653	0.394357	0.705051	-1.41834	0.325099	0.665603	-1.5024	0.983043	1.00855	1.00855	0.641748	1.20647	1.20647	0.04458454	0.396978	-2.51903		0.166285	0.553605	-1.80634	0.131139	0.520509	-1.9212	0.39992		0.708082	-1.41227	0.460053	0.739844	-1.35164	1.25278	3.18412	2.25924	1
cg19379625	DCK	0.380653	0.712316	1.0696	1.0696	0.520628	0.884428	-1.12558	0.472718	0.87574	-1.14189	0.835432	0.10851	0.108851	0.0486603	1.54506	1.54506		0.952586	1.01095	1.01095	0.723725	1.0066	1.0666	0.872837	1.029351	1.02953	0.0936939	1.39779	1.39779	1.25278	0.654586	0.464646	1
cg24003991	SLC10A7;SLC10A7	0.380659	0.177942	0.824562	-1.21276	0.578129	0.170766	1.07052	0.440317	0.616546	-1.62194	0.895165	0.922175	-1.08439	0.102382	0.530187	1.08947	1.08947	0.881475	0.980096	-1.02031	0.256078	0.137322	0.641737	1.06518	1.06518	0.153808	2.2284	1.2284	1.25276	0.360296	0.255645	1
cg10663055	NTSE	0.380663	0.984447	0.993128	-1.00692	0.2540818	0.656144	-1.52406	0.07062888	0.04358	2.04358	0.689724	0.867651	-1.15254	0.087651	0.513276	-1.94827		0.6567	1.17546	1.17546	0.828919	0.926303	-1.07956	0.744917	0.880093	-1.12242	0.805746	1.09107	1.09107	1.25276	2.48305	1.76184	1
cg27204544	WDR91	0.380675	0.300014	1.20257	1.20257	0.0498641	0.681026	-1.46837	0.836518	1.03612	1.03612	0.915358	0.981906	-1.01843	0.287062	0.827079	-1.20907		0.308313	0.834352	-1.19854	0.364323	1.17363	1.17363	0.718127	1.05932	1.05932	0.705496	1.06738	1.06738	1.25273	0.585232	0.415259	1
cg02631932	MEGF6	0.380688	0.365058	0.637975	-1.56746	0.291334	1.69686	1.69686	0.8311959	1.12198	1.12198	0.78313	1.14253	1.14253	0.276107	0.57862	-1.72825		0.473841	0.704589	1.41927	0.0375826	0.3151932	-3.20583	0.522083	0.73101	-1.36797	0.235208	1.18582	1.18582	1.25272	4.62709	3.28325	1
cg14237148	ATP11A;ATP11A	0.38068	0.80995	1.14081	1.14081	0.708303	0.822627	-1.21562	0.543009	0.726248	-1.37694	0.990558	1.00017	0.013773	0.305314	4.8706			0.748436	1.18194	1.18194	0.705772	1.2178	1.2178	0.93392	0.957834	-1.04402	0.822227	0.889665	-1.12402	1.25271	5.35473	3.79956	1
cg08107767	MRPS17	0.380683	0.172398	0.44018	-2.2718	0.185139	2.21216	2.21216	0.277923	1.8917	1.8917	0.181097	0.448320	-2.23051	0.671934	0.786098	-1.27211		0.440042	1.55892	1.55892	0.31256	0.554216	-1.80435	0.942355	1.04171	1.04171	0.530673	0.698484	-1.43167	1.25271	6.33336	4.49398	1
cg21336373	P2RX1	0.380683	0.664772	1.85849	1.16488	0.0499172	1.2667	1.2667	0.1563541	1.21925	1.21925	0.791149	0.915953	-1.09176	0.0359532	0.428425	2.33351		0.698329	1.13672	1.13672	0.249881	1.48847	1.48847	0.951501	1.1623	1.1623	0.917422	1.0349	1.0349	1.25271	2.17074	1.54028	1
cg20895692	LOC145783	0.380686	0.472899	0.854445	-1.17035	0.106703	1.46157	1.46157	0.144803	1.40136	1.40136	0.29765	1.26173	1.26173	0.412878	0.83495	-1.19768		0.684124	0.915637	-1.09214	0.856647	1.03973	1.03973	0.159407	1.38264	1.38264	0.559751	1.1355	1.1355	1.2527	0.921111	0.6536	1
cg05307813	ZNF275	0.380696	0.144478	0.460971	-2.16934	0.574403	0.75554	-1.32356	0.852717	1.09616	1.09616	0.739405	1.13793	1.13793	0.306345	1.68744	1.68744		0.127255	0.642742	-1.25865	0.109955	0.422839	-2.36497	0.998286	1.00099	1.00099	0.55655	1.34151	1.34151	1.25268	4.84231	3.43606	1
cg18333824	SF3A3	0.380705	0.695191	0.902234	-1.10835	0.23669	1.3825	1.3825	0.496739	1.46981	1.46981	0.922766	0.974985	-1.02566	0.0830156	0.605678	-1.65104		0.605341	1.87269	-1.14588	0.905683	0.988824	-1.0113	0.470478	1.11143	1.11143	0.272331	1.34782	1.34782	1.25266	1.35395	0.96077	1
cg18421356	ANAPC13;ANAPC13;CEP63;CEP63;CEP6 3;ANAPC13;CEP63	0.380707	0.652214	0.92762	-1.07803	0.609116	0.918138	-1.08916	0.4123734	0.870405	-1.14889	0.405939	0.868659	-1.1512	0.836756	1.03476	1.03476		0.401289	0.867388	-1.15289	0.56056	1.11807	1.11807	0.187026	1.26063	1.26063	0.0603424	1.4202	1.4202	1.25265	0.544104	0.386099	1
cg10843156	RANBP3;RANBP3;RANBP3 TMEM203;NDOR1;NDOR1;NDOR1;ND	0.380709	0.0655368	0.541653	-1.8462	0.19431	1.50279	1.50279	0.297171	1.37798	1.37798	0.882894	0.957218	-1.04469	0.934227	0.975812	-1.02479		0.790135	0.923924	-1.08234	0.929018	0.973916	-1.02678	0.175458	0.652209	-1.53325	0.734056	1.10645	1.10645	1.25265	1.74577	1.23881	1
cg23897067	OR1	0.380712	0.322676	1.26645	0.678965	1.10102	1.10102	0.684201	1.09917	1.09917	0.410512	1.21483	1.21483	0.386375	0.774141	1.29175			0.764794	1.07184	1.07184	0.520823	1.16241	1.16241	0.512194	1.16054	1.16054	0.0245369	1.85777	1.85777	1.25264	1.06074	0.752714	1
cg06773295	PRDM16;PRDM16	0.380715	0.752083	0.918579	-1.08864	0.937901	0.979336	-1.0211	0.688542	0.897646	-1.11403	0.735524	0.913149	-1.09511	0.126329	0.64197	-1.55771		0.71438	1.10352	1.10352	0.0538832	1.79772	1.79772	0.284646	0.742417	-1.34695	0.594608	1.15482	1.15482	1.25263	1.42476	1.01103	1
cg18818563	ZNF266;ZNF266;ZNF266;ZNF266	0.380717	0.540158	0.850785	-1.17539	0.380074	0.793663	-1.25998	0.605928	0.875517	-1.14742	0.490624	0.833231	-1.20015	0.479885	1.2068	1.2068		0.44976	1.22224	1.22224	0.0494758	0.557611	-1.79337	0.878805	1.04506	1.04506	0.126008	0.644897	1.55064	1.25263	1.34608	0.958466	1
cg09567670	RRM2B	0.38072	0.239581	1.35809	1.35809	0.0384168	0.706048	-1.41602	0.540504	0.936204	-1.06835	0.456404	1.20747	1.20747	0.245734	0.858016	-1.16548		0.483202	0.837685	-1.19377	0.404735	1.23601	1.23601	0.900146	0.969281	-1.03169	0.82812	1.05553	1.05553	1.25262	1.22553	0.869667	1
cg04720393	ZNF799;ZNF799	0.380726	0.630056	0.840372	-1.18994	0.106237	1.06297	1.06297	0.0999966	1.03096	1.03096	0.256096	0.866095	1.15453	0.158693	1.05226	1.05226		0.21969	1.16901	1.16901	0.0175502	1.27047	1.27047	0.0643092	1.02054	1.02054	0.0128766	1.21973	1.21973	1.25262	1.09042	0.850089	1
cg09092356	CISD1;IPMK	0.380721	0.675555	0.939911	-1.06393	0.0462714	1.39953	1.39953	0.187092	1.22858	1.22858	0.671568	0.939142	-1.0648	0.562339	0.917374	1.09007		0.360241	1.14852	1.14852	0.318696	0.859226	-1.16384	0.858767	1.02657	1.02657	0.841347	1.02995	1.02995	1.25262	0.429994	0.305134	1
cg05946487	STK35	0.380752	0.619799	1.14661	1.14661	0.824894	0.941912	-1.06167	0.304058	1.33304	1.33304	0.776779	0.926108	-1.07979	0.631035	0.878179	-1.13872		0.15927	0.666157	-1.50115	0.0800419	0.591851	-1.68962	0.845894	0.961538	1.04	0.194826	1.44824	1.44824	1.25255	1.44679	1.02674	1
cg23008767	PDIA4	0.380753	0.876368	1.07559	1.07559	0.729546	1.22387	1.71247	0.0137253	1.33233	1.33233	0.152054	1.09583	1.09583	0.0744237	1.6477	1.6477		0.829895	0.891264	-1.1545	0.443677	0.840639	-1.18957	0.375385	1.22521	1.22521	0.135374	1.4324	1.4324	1.25254	0.98886	0.70176	1
cg02004401	GNA12	0.380755	0.534393	0.432345	-2.31297	0.768287	1.48246	1.48246	0.124144	0.108735	-9.19667	0.171694	0.143947	-6.95181	0.140566	0.12093	-8.26922		0.818882	1.35751	1.35751	0.904281	1.17388	1.17388	0.203087	0.16688	-5.99232	0.302265	0.45324	4.15424	1.25254	2.25224	35.2284	25.0005	1
cg21599556	LRRC4;SND1	0.380768	0.35688	0.619015	-1.61547	0.688258	0.815343	1.22644	-1.22644	0.128184	2.037	2.037	0.93232	1.04093	0.0477541	2.227766	2.227766		0.693055	0.818098	-1.22325	0.0732871	0.982543	1.07828	0.166867	0.873072	-1.14538	0.94251	1.02822	1.02822	1.25253	0.5802	0.60077	1
cg12384802	MAPKBP1;MAPKBP3	0.38077	0.32891	0.777405	-1.28633	0.531743	0.853608	-1.1715	0.0483514	1.75717	1.75717	0.961813	0.988113	-1.01203	0.840259	1.05172	1.05172		0.602979	0.877109	-1.14011	0.143841	0.675425	-1.48055	0.719777	0.8942	1.0942	0.718445	1.09469	1.09469	1.2525	1.23864	0.879052	1
cg18477429	LRP1	0.380773	0.640104	0.789891	-1.266	0.580811	1.32228	1.32228	0.130812	1.26413	1.26413	0.803976	0.882883	-1.13265	0.359607	0.623891	-1.60284		0.320733	0.598176	-1.67175	0.0596944	0.344953	-2.89895	0.755694	1.16921	1.16921	0.953841	1.02942	1.02942	1.25252	4.97652	3.53181	1
cg16337339	MLLT4;MLLT4;MLLT4 ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;S T3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST	0.380775	0.462735	1.24749	0.763743	1.09327	1.09327	0.997634	0.779378	1.29203	0.244721	1.43385	1.43385	0.155724	1.5638	1.5638			0.202738	1.48856	1.48856	0.0724266	1.80945	1.80945	0.20493	1.4789	1.4789	0.395398	1.29367	1.29367	1.25249	1.73599	1.23103	1
cg19819980	3GAL3;ST3GAL3	0.380783	0.759969	0.874455	-1.14357	0.502183	0.742181	-1.34738	0.851063	0.921006	-1.08577	0.199389	0.552341	-1.81048	0.2622257	0.599449	-1.6682		0.128009	0.486587	-2.05513	0.10298	0.457984	-2.18348	0.75055	0.869678	-1.14985	0.0510725	0.378057	-2.6451	1.25247	3.80177	2.69814	1
cg07379251	BCL2L1;BCL2L1	0.380787	0.545224	1.14501	1.14503	0.969489	0.991569	-1.0085	0.717208	1.08385	1.08385	0.343516	0.805721	-1.24112	0.145573	1.4133	1.4133		0.579245	0.883388	-1.13201	0.267986	0.774584	-1.29102	0.139632	1.42175	1.42175	0.194536	1.355	1.355	1.25246	0.972084	0.689903	1
cg19738182	ACSL3;ACSL3	0.380791	0.970033	1.03077	-1.03077	0.896329	0.959512	-1.0422	0.476812	0.835695	-1.19697	0.323732	0.752202	-1.32944	0.0172421	1.447727	-2.26384		0.527843	1.19761	1.19761	0.463725	0.830564	-1.20419	0.704084	0.921553	1.08506	0.624194	1.02054	1.02054	1.25246	1.57309	1.11545	1
cg05145649	NTSC	0.380792	0.917243	0.97761	-1.0229	0.278115	1.27874	1.27874	0.536683	1.14603	1.14603	0.969701	0.997469	-1.00254	0.822345	1.05021	1.05021		0.45136	0.846047	-1.18197	0.148605	0.713525	-1.40149	0.16405	1.38197	1.38197	0.109874	1.46183	1.46183	1.25245	0.94152	0.668214	1
cg16451872	UBE3A	0.380795	0.836163	0.934903	-1.07003	0.704706	0.885541	-1.12925	0.738341	0.89608	-1.11597	0.59591	0.840433	-1.18982	0.193395	1.19349	1.19349		0.032613	0.644854	-1.553	0.0178869	0.455961	-2.19384	0.0211	0.760986	-1.31407	0.0507	1.24529	1.24529	1.25245	2.09277	1.64529	1
cg15988693	CLASP2	0.380797	0.340487	1.32065	1.32065	0.408079	0.785465	-1.27313	0.123364	0.621074	-1.61011	0.445522	0.809772	-1.23486	0.457012	0.768436	1.27166		0.582554	1.17166	1.17166	0.297766	0.734893	-1.36074	0.518851	1.20519	1.20519	0.141945	1.56924	1.56924	1.25244	1.61539	1.14649	1
cg19821612	PNMA3	0.380801	0.101978	0.137358	-7.28202	0.0578817	0.09274	-10.7828	0.808547	0.763974	-1.30895	0.477715	2.22682	2.22682	0.942852	0.923569	-1.08276		0.162254	0.191128	-5.2321	0.843218	1.24559	1.24559	0.802445	1.32051	1.32051	0.957211	0.94223	-1.06131	1.25243	24.3975	17.3156	1
cg18582061	HLA-DRB1	0.380813	0.70218	1.17452	1.17452	0.918234	0.912239	-1.09595	0.166292	0.872958	-1.14594	0.44152	0.773322	-1.29313	0.0210649	-4.44152	0.212818		0.410609	0.426094	-2.34695	0.525461	0.522076	-1.91543	0.0976007	0.159531	-6.26838	0.0873869	0.14841	-6.73808	1.25242	20.3999	14.3652	1
cg14046074	WNT7A	0.380813	0.583231	1.19355	1.20262	0.59104	1.52914	1.50614	0.316476	0.717481	-1.39375	0.661419	0.868734	-1.1511	0.0240214	0.13681	7.31631		0.146443	1.64499	1.64499	0.089009	1.13258	1.13258	0.312628	0.71641	-1.39585	0.343679	0.732368	-1.36543	1.2524	2.02235	1.43535	1
cg08499158	UBTF;UBTF;UBTF	0.380815	0.457562	0.868475	-1.15187	0.429237	1.71247	1.71247	0.107212	1.33233	1.33233	0.152054	1.09583	1.09583	0.0744237	1.6477	1.6477		0.829895	0.891264	-1.1545	0.443677	0.840639	-1.18957	0.375385	1.22521	1.22521	0.135374	1.4324	1.4324	1.25242	0.98886	0.70176	1
cg02004401	GNA12	0.380755	0.534393	0.432345	-2.31297	0.768287	1.48246	1.48246	0.124144	0.108735	-9.19667	0.171694	0.143947	-6.95181	0.140566	0.12093	-8.26922		0.818882	1.35751	1.35751	0.904281	1.17388	1.17388	0.203087	0.16688	-5.99232	0.302265	0.45324	4.15424	1.25254	2.25224	35.2284	25.0005	1
cg21599556	LRRC4;SND1	0.380768	0.35688	0.619015	-1.61547	0.688258	0.815343	1.22644	-1.22644	0.128184	2.037	2.037	0.93232	1.04093	0.0477541	2.227766	2.227766		0.693055	0.818098	-1.22325	0.0732871	0.982543	1.07828	0.166867	0.873072	-1.14538	0.94251	1.02822	1.02822	1.25253	0.5802	0.60077	1
cg12384802	MAPKBP1;MAPKBP3	0.38077	0.32891	0.777405	-1.28633	0.531743	0.853608	-1.1715	0.0483514	1.75717	1.75717	0.961813	0.988113	-1.01203	0.840259	1.05172	1.05172		0.602979	0.877109	-1.14011	0.143841	0.675425	-1.48055	0.719777	0.8942	1.0942	0.718445	1.09469	1.09469	1.2525	1.23864	0.879052	1
cg18477429	LRP1	0.380773	0.640104	0.789891	-1.266	0.580811	1.32228	1.32228	0.130812	1.26413	1.26413	0.803976	0.882883	-1.13265	0.359607	0.623891	-1.60284		0.320733	0.598176	-1.67175	0.0596944	0.344953	-2.89895	0.755694	1.16921	1.16921	0.953841	1.02942	1.02942	1.25252	4.97652	3.53181	1
cg16337339	MLLT4;MLLT4;MLLT4 ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;S T3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST	0.380775	0.462735	1.24749	0.763743	1.09327	1.09327	0.997634	0.779378	1.29203	0.244721	1.43385	1.43385	0.155724	1.5638	1.5638			0.202738	1.48856	1.48856	0.0724266	1.80945	1.80945	0.20493	1.4789	1.4789	0.395398	1.29367	1.29367	1.25249	1.73599	1.23103	1
cg19819980	3GAL3;ST3GAL3	0.380783	0.759969	0.874455	-1.14357	0.502183	0.742181	-1.34738	0.851063	0.921006	-1.08577	0.199389	0.552341	-1.81048	0.2622257	0.599449	-1.6682		0.128009	0.486587	-2.05513	0.10298	0.457984	-2.18348	0.75055	0.869678	-1.14985	0.0510725	0.378057	-2.6451	1.25247	3.80177	2.69814	1
cg07379251	BCL2L1;BCL2L1	0.380787	0.545224	1.14501	1.14503	0.969489	0.991569	-1.0085	0.717208	1.08385	1.08385	0.343516	0.805721	-1.24112	0.145573	1.4133	1.4133		0.579245	0.883388	-1.13201	0.267986	0.774584	-1.29102	0.139632	1.42175	1.42175	0.194536	1.355	1.355	1.25246	0.972084	0.689903	1
cg19738182	ACSL3;ACSL3	0.380791	0.970033	1.03077	-1.03077	0.896329	0.959512	-1.0422	0.476812	0.835695	-1.19697	0.323732	0.752202	-1.32944	0.0172421	1.447727	-2.26384		0.527843	1.19761	1.19761	0.463725	0.830564	-1.20419	0.704084	0.921553	1.08506	0.624194	1.02054	1.02054	1.25246	1.57309	1.11545	1
cg05145649	NTSC	0.380792	0.917243	0.97761	-1.0229	0.278115	1.27874	1.27874	0.536683	1.14603	1.14603	0.969701	0.997469	-1.00254	0.822345	1.05021	1.05021		0.45136	0.846047	-1.18197	0.148605	0.713525	-1.40149	0.16405	1.38197	1.38197	0.109874	1.46183	1.46183	1.25245	0.94152	0.668214	1
cg16451872	UBE3A	0.380795	0.836163	0.934903	-1.07003	0.704706	0.885541	-1.12925	0.738341	0.89608	-1.11597	0.59591	0.840433	-1.18982	0.193395	1.19349	1.19349		0.032613	0.644854	-1.553	0.0178869	0.455961	-2.19384	0.0211	0.760986	-1.31407	0.0507	1.24529	1.24529	1.25245	2.09277	1.64529	1
cg15988693	CLASP2	0.380797	0.340487	1.32065	1.32065	0.408079	0.785465	-1.27313	0.123364	0.621074	-1.61011	0.445522	0.809772	-1.23486	0.457012	0.768436	1.27166		0.582554	1.17166	1.17166	0.297766	0.734893	-1.36074	0.518851	1.20519	1.20519	0.141945	1.56924	1.56924	1.25244	1.61539	1.14649	1
cg19821612	PNMA3	0.380801	0.101978	0.137358	-7.28202	0.0578817	0.09274	-10.7828	0.808547	0.763974	-1.30895	0.477715	2.22682	2.22682	0.942852	0.923569	-1.08276		0.162254	0.191128	-5.2321	0.843218	1.24559	1.24559	0.802445	1.32051	1.32051	0.957211	0.94223	-1.06131	1.25243	24.3975	17.3156	1
cg18582061	HLA-DRB1	0.380813	0.70218	1.17452	1.17452	0.918234	0.912239	-1.09595	0.166292	0.872958	-1.14594	0.44152	0.773322	-1.29313	0.0210649	-4.44152	0.212818		0.410609	0.426094	-2.34695	0.525461	0.522076	-1.91543	0.0976007	0.159531	-6.26838	0.0873869	0.14841	-6.73808	1.25242	20.3999	14.3652	1
cg14046074	WNT7A	0.380813	0.583231	1.19355	1.20262	0.59104	1.52914	1.50614	0.316476	0.717481	-1.39375	0.661419	0.868734	-1.1511	0.0240214	0.13681	7.31631		0.146443	1.64499	1.64499	0.089009	1.13258	1.13258	0.312628	0.71641	-1.39585	0.343679	0.732368	-1.36543	1.2524	2.02235	1.43535	1
cg08499158	UBTF;UBTF;UBTF	0.380815	0.457562	0.868475	-1.15187	0.429237	1.71247	1.71247	0.107212	1.33233	1.33233	0.152054	1.09583	1.09583	0.0744237	1.6477	1.6477		0.829895	0.891264	-1.1545	0.443677	0.840639	-1.18957	0.375385	1.22521	1.22521	0.135374	1.4324	1.4324	1.25242	0.98886	0.70176	1
cg02004401	GNA12	0.380755	0.534393	0.432345	-2.31297	0.768287	1.48246	1.48246	0.124144	0.108735	-9.19667	0.171694	0.143947	-6.95181	0.140566	0.12093	-8.26922		0.818882	1.35751	1.35751	0.904281	1.17388	1.17388	0.203087	0.16688	-5.99232	0.302265	0.45324	4.15424	1.25254	2.25224	35.2284	25.0005	1
cg21599556	LRRC4;SND1	0.380768	0.35688	0.619015	-1.61547	0.688258	0.815343	1.22644	-1.22644	0.128184	2.037	2.037	0.93232	1.04093	0.0477541	2.227766	2.227766		0.693055	0.818098	-1.22325	0.0732871	0.982543	1.07828	0.166867	0.873072	-1.14538	0.94251	1.02822	1.02822	1.25253	0.5802	0.60077	1
cg12384802	MAPKBP1;MAPKBP3	0.38077	0.32891	0.777405	-1.28633	0.531743	0.853608	-1.1715	0.0483514	1.75717	1.75717	0.961813	0.988113	-1.01203	0.840259	1.05172	1.05172		0.602979	0.877109	-1.14011	0.143841	0.675425	-1.48055	0.719777	0.8942	1.0942	0.718445	1.09469	1.09469	1.2525	1.23864	0.879052	1
cg18477429	LRP1	0.380773	0.640104	0.789891	-1.266	0.580811	1.32228	1.32228	0.130812	1.26413	1.26413	0.803976	0.882883	-1.13265	0.359607	0.623891	-1.60284		0.320733	0.598176	-1.67175	0.0596944	0.344953	-2.89895	0.755694	1.16921	1.16921	0.953841	1.02942	1.02942	1.25252	4.97652	3.53181	1
cg16337339	MLLT4;MLLT4;MLLT4 ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;S T3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST	0.380775	0.462735	1.24749	0.763743	1.09327	1.09327	0.997634	0.779378	1.29203	0.244721	1.43385	1.43385	0.155724	1.5638	1.5638			0.202738	1.48856	1.48856	0.0724266	1.80945	1.80945	0.20493	1.4789	1.4789	0.395398	1.29367	1.29367	1.25249	1.73599	1.23103	1
cg19819980	3GAL3;ST3GAL3	0.380783	0.759969	0.874455	-1.14357	0.502183	0.742181	-1.34738	0.851063	0.921006	-1.08577	0.199389	0.552341	-1.81048	0.2622257	0.599449	-1.6682		0.128009	0.486587	-2.05513	0.10298	0.457984	-2.18348	0.75055	0.869678	-1.14985	0.0510725	0.378057	-2.6451	1.25247	3.80177	2.69814	1
cg07379251	BCL2L1;BCL2L1	0.380787	0.545224	1.14501	1.14503	0.969489	0.991569	-1.0085	0.717208	1.08385	1.08385	0.343516	0.805721	-1.24112	0.145573	1.4133	1.4133		0.579245	0.883388	-1.13201	0.267986	0.774584	-1.29102	0.139632	1.42175	1.42175	0.194536	1.355	1.355	1.25246	0.972084	0.689903	1
cg19738182	ACSL3;ACSL3	0.380791	0.970033	1.03077	-1.03077	0.896329	0.959512	-1.0422	0.476812	0.835695	-1.19697	0.323732	0.752202	-1.32944	0.0172421	1.447727	-2.26384		0.527843	1.19761

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 1047)	p-value(111T vs. N)	Fold-Change(111T vs. 105T)	p-value(112T vs. N)	Fold-Change(112T vs. 111T)	p-value(121T vs. N)	Fold-Change(121T vs. 112T)	p-value(121T vs. Change(5 vs.N)	Fold-Change(5 vs.121T)	p-value(5477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. 5477)	p-value(3537 vs. N)	Fold-Change(3537 vs. 5477)	p-value(5377 vs. N)	Fold-Change(5377 vs. 5477)	p-value(5 vs.5637 vs. N)	Fold-Change(5 vs.5637)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg07301576	VPS13C;VPS13C;VPS13C;VPS13C	0.381193	0.422718	1.88857	1.88857	1.793969	0.945762	-1.05735	0.113365	1.43829	1.43829	0.745249	1.0712	1.0712	0.179786	1.35699	1.35699	0.954504	1.01211	1.01211	0.042404	1.63736	1.63736	1.25151	0.882086	0.626503	1
cg07241733	ARFGEF1	0.381213	0.738352	0.83205	-1.20185	0.523424	1.4257	1.4257	0.78405	1.1626	1.1626	0.140597	2.38539	2.38539	0.125776	2.48087	2.48087	0.126089	0.403436	-2.47871	0.346067	1.702266	1.70266	0.431279	1.553355	1.553355	0.463494	1.50569	1.505669	1.25147	5.96196	4.23465	1
cg27493186	C16orf45;C16orf45	0.381217	0.641266	1.08508	1.08508	0.631778	0.919414	-1.08765	0.991514	1.00185	1.00185	0.614966	1.09227	1.09227	0.905754	1.02082	1.02082	0.535357	1.11542	1.11542	0.0192827	1.63646	1.63646	0.8811	0.974291	-1.02639	0.364146	0.850206	-1.17619	0.12546	0.6001614	0.426285	1
cg23284179	DGKH;DGKH	0.381219	0.705368	1.12431	1.12431	0.639239	1.15681	1.15681	0.15106	0.53109	0.822218	-1.21622	0.268261	1.47238	1.47238	2.010149	0.665347	-1.50298	0.407926	0.808634	-1.23605	0.824447	0.933759	-1.07094	0.437282	1.27696	1.27696	0.0534457	0.508234	-1.9676	0.21545	1.88668	1.34008	1
cg08106205	PRKCZ;PRKCZ;PRKCZ	0.381219	0.745452	1.19566	1.19566	0.0189193	4.67969	4.67969	0.0975873	2.71067	2.71067	0.705368	1.23141	1.23141	0.884649	1.08288	1.08288	0.559315	1.38251	1.38251	0.690325	1.2457	1.2457	0.964472	1.02474	1.02474	0.598008	1.33896	1.338961	0.25145	5.9649	4.23678	1
cg03709496	CDH3	0.381222	0.985977	0.996303	-1.00371	0.413713	1.19256	1.19256	0.893863	1.02853	1.02853	0.448884	1.47662	1.47662	0.099049	1.46283	1.46283	0.677343	0.91559	-1.09219	0.0967116	1.46857	1.46857	0.195327	1.33463	1.33463	0.308993	0.801	1.248444	0.15145	0.8803331	0.625287	1
cg11829416	CRYAA	0.381223	0.313188	0.601128	-1.66354	0.0585743	0.352573	-2.83629	0.09122	0.403501	-2.47831	0.646679	1.25254	3.12554	0.286362	0.582649	-1.7163	0.979397	0.98748	-1.01268	0.943873	1.03495	1.03495	0.681064	1.2234	1.2234	0.731917	1.18267	1.18267	0.12544	4.71785	3.35105	1
cg25145617	HTT	0.381228	0.611306	0.977232	-1.47551	0.0773534	0.978006	-1.0218	0.88334	1.00185	1.00185	0.614966	1.11574	1.09168	0.246804	-4.0518	0.043809	0.173412	-5.80605	0.21459	0.370068	-2.69385	0.999692	-1.00031	0.912387	0.332094	-3.0112	0.499028	0.587318	-1.70266	0.15143	11.4179	8.10182	1
cg10652641	C6orf27;C6orf27	0.381234	0.30161	0.700275	-1.42801	0.0189696	1.16875	1.06875	0.462368	0.21856	0.21856	0.867038	0.765763	0.765763	0.904643	1.10541	1.10541	0.0446523	0.543848	-1.83875	0.120721	0.641057	-1.55992	0.479601	0.827058	-1.20901	0.872028	-1.14668	1.2514	1.38354	0.982748	1
cg12087412	FGF5;FGF5	0.381241	0.0241585	0.434872	-2.29953	0.708187	0.890064	-1.12351	0.31225	1.38235	1.38235	0.655272	0.870066	-1.14934	0.479861	0.800542	-1.24915	0.281343	0.70694	-1.41455	0.410101	0.770342	-1.29812	0.900619	0.962042	-1.03946	0.746364	0.904366	-1.10575	1.2514	1.90149	1.35066	1
cg27130075	CD1A1	0.381242	0.354785	0.70804	-1.41182	0.0778554	0.320488	-3.19344	0.0243969	0.850333	-1.17605	0.264912	0.311399	-3.21113	0.16505	0.0940425	-10.6305	0.0604125	1.18953	0.840725	1.42626	1.33199	1.33199	0.364209	0.0940425	-1.46798	0.1043	0.553211	1.807654	2.202889	1.54475	1
cg03381200	INSR;INSR	0.381244	0.20674	1.72107	1.72107	0.621329	0.882615	1.26918	0.22531	0.547162	1.28197	2.35293	0.779591	0.779591	0.107968	1.07968	1.07968	0.648749	1.28197	1.28197	0.254399	0.615549	-1.62457	0.921253	1.04114	1.04114	0.643053	0.830575	-1.20398	0.113913	0.495968	-2.01626	0.15139	3.29403	2.34045	1
cg11648739	FLJ42709;FLJ42709;FLJ42709	0.381251	0.437086	1.79823	1.79823	0.472262	0.527154	1.79487	0.323865	0.449414	-2.25533	0.778815	0.364228	-3.30473	0.247431	2.62949	2.62949	0.241572	1.26487	2.63867	0.0633734	5.28485	5.28485	0.38617	2.01208	2.01208	0.836447	0.84479	-1.17938	0.15238	0.82662	0.89871	1
cg24299087	?	0.381257	0.28357	2.03296	2.03296	0.60494	1.39501	1.39501	0.0480564	0.768258	-1.36165	0.168088	0.392391	-2.54848	0.230862	2.22648	2.22648	0.829577	0.871732	-1.14714	0.065282	3.73528	3.73528	0.771411	0.830672	-1.20384	0.66743	1.3169	1.3169	1.25135	0.83764	5.70948	1
cg15382696	C6orf204;C6orf204	0.381262	0.928081	1.01954	1.01954	0.0995008	1.47985	1.47985	0.659393	1.09888	1.0988	0.591164	0.888952	-1.12492	0.87723	0.966998	-1.03413	0.670015	0.911146	-1.09752	0.432092	1.19012	1.19012	0.0588267	0.629222	-1.58926	0.542617	1.14315	1.14315	1.25135	0.9339941	0.663418	1
cg19988208	CACNA2D1	0.381266	?	?	?	?	1.39451	1.39451	?	?	?	?	1.397366	1.38864	?	?	?	0.629505	0.955756	-1.04629	0.893774	1.01238	1.01238	0.230892	0.890688	-1.12273	0.403957	1.08184	1.08184	1.25133	0.168141	0.11944	1
cg10930205	S100A16	0.381271	0.851155	0.879534	-1.13697	0.0196134	0.137305	-7.28315	0.3157223	0.449162	-2.03196	0.82514	0.859662	-1.16325	0.988595	0.990282	-1.00981	0.729211	0.955183	-1.515	0.40213	0.555608	-1.79983	0.570022	1.48118	1.48118	0.887713	1.10135	1.10135	1.25178	9.25469	5.62889	1
cg13531746	LOXL2	0.381274	0.806511	1.12313	1.12313	0.119908	0.483954	2.70548	-2.07489	0.496568	1.79428	1.79428	0.794205	1.10152	0.925146	0.962259	-1.03922	0.970518	0.984139	-1.01612	0.0565819	0.939097	-2.5439	0.114227	0.475553	-2.10281	0.680452	1.19621	1.19621	1.25132	3.70909	2.63479	1
cg21086902	KIAA0415	0.381282	0.559757	0.86241	-1.15954	0.223316	1.37867	1.37867	0.976221	0.992547	-1.00751	0.526741	0.851305	-1.17467	0.0758868	0.609055	-1.64189	0.0792195	0.613175	-1.63086	0.723523	1.09325	1.09325	0.940579	1.01889	1.01889	0.787967	0.934576	-1.07	1.2513	1.24854	0.886926	1
cg22986662	C5orf21	0.381283	0.348724	1.38483	1.38483	0.37007	0.773	2.72779	0.275809	0.697096	-1.43329	0.30481	0.890998	-1.12257	0.623485	1.19886	1.19886	0.14562	1.64243	1.64243	0.107694	0.572651	-1.74627	0.464866	1.15879	1.15879	0.322022	1.18387	1.18387	1.25129	1.99857	1.41974	1
cg19848313	PGS1	0.381302	0.908843	0.972592	-1.02818	0.668541	0.900769	-1.11016	0.133051	0.674878	-1.48175	0.752791	0.07968	1.07968	0.488479	0.841765	-1.18798	0.0235323	0.518739	-1.92775	0.410141	0.815159	-1.22675	0.99184	0.997522	-1.00248	0.384826	0.805583	-1.24134	1.25126	1.16667	0.828795	1
cg23036426	UBE4B;UBE4B;UBE4B;UBE4B	0.381304	0.457076	1.88317	-1.11464	0.278302	1.1201	1.1201	0.0855	0.74558	-1.34227	0.151702	0.649443	-1.53979	0.737254	0.96428	-1.03705	0.710435	1.41412	-1.25533	0.0788086	0.688608	1.45122	1.29034	1.18533	1.18533	0.0744233	0.706365	1.41541	1.25114	0.739241	0.733873	0.49736	0.138673	1
cg11637563	MIR300	0.381314	0.62953	1.2122	1.2122	1.262508	1.5836	1.5836	0.935485	1.03257	1.03257	0.138902	0.532243	-1.87884	0.879313	1.062	1.062	0.547319	1.27264	1.27264	0.325441	1.4948	1.4948	0.35631	1.4559	1.4559	0.105259	1.496227	-2.01523	1.25114	3.10586	2.2066	1
cg25482334	FSCN2;FSCN2;FSCN2;FSCN2	0.381316	0.130376	0.419468	2.38483	0.649026	0.183377	-1.01316	0.863455	0.549235	-1.82071	0.263786	0.6008	1.66008	0.986464	0.990439	-1.04119	0.0729107	0.0802909	-12.4547	0.0139265	0.0604249	-16.5435	0.0165645	-10.7092

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1047 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg14936407	DIC2	0.381871	0.351256	0.739131	-1.35294	0.352349	0.719667	-1.35196	0.464819	1.26414	1.26414	0.29901	1.712366	-1.44377	0.0467132	0.487952	-2.04938	0.405992	0.766652	-1.30437	0.351006	1.35308	1.35308	0.741842	0.901083	-1.01978	0.383479	0.754591	-1.32522	1.24993	1.96033	1.39765	1
cg03319489	HUWE1	0.381876	0.270202	0.437303	-2.28675	0.365533	1.95387	1.95387	0.99131	0.992188	-1.00788	0.0535169	0.485414	0.485414	0.70851	1.31071	1.31071	0.151216	1.330204	-3.02843	0.936126	0.943892	-1.05944	0.922095	0.931953	-1.07302	0.855142	1.14072	1.14072	1.24992	1.02749	1.73076	1
cg27308754	CLVS2	0.381878	0.223115	0.314968	-3.17492	0.859904	1.17285	1.17285	0.268537	2.8293	2.8293	0.15505	0.253262	-3.94848	0.150212	0.248597	-4.02257	0.625251	0.641311	-1.55931	0.880535	1.14537	1.14537	0.295767	0.375884	-2.66039	0.151325	0.249674	-4.00522	1.246991	16.1232	11.4662	1
cg20631969	MKRN1;MKRN1	0.381878	0.786091	0.861446	-1.16084	0.488820	1.47175	1.47175	0.702381	1.23491	1.23491	0.0131611	0.41627	0.41627	0.710094	1.22779	1.22779	0.770627	0.851603	-1.17426	0.765967	1.17827	1.17827	0.619326	1.32256	1.32256	0.945263	0.962968	-1.03846	1.24991	5.97918	4.25216	1
cg21817735	SNHG9;RPS2;SNORA78	0.381884	0.681961	1.07734	1.07734	0.0395849	1.53775	1.53775	0.358813	1.18601	1.18601	0.835107	1.0384	1.0384	0.145452	1.1939	1.1939	0.324436	0.831951	-1.20199	0.319989	0.830446	-1.20417	0.523414	1.12403	1.12403	0.792933	1.04871	1.04871	1.2499	0.647067	0.460174	1
cg05941819	TMEM398	0.381886	0.3185	1.54303	1.54303	0.979906	0.989461	-1.01655	0.104148	2.11159	2.11159	0.183841	1.80993	1.80993	0.170995	0.541581	-1.84644	0.622246	1.23234	1.23234	0.784896	0.891276	-1.12199	0.294348	1.58822	1.58822	0.564364	0.7826	-1.27779	1.24989	3.50357	2.49164	1
cg06344544	PTPN23	0.38189	0.315722	0.830446	-1.20417	0.921601	0.982523	-1.01779	0.0989263	1.38268	1.38268	0.85823	1.03254	1.03254	0.512288	0.88778	-1.1264	0.531136	1.12033	1.12033	0.607775	0.911448	-1.09715	0.0678869	0.693208	-1.44257	0.898412	0.977383	-1.02314	1.24988	0.6349977	0.451596	1
cg01138706	TNS1	0.381886	0.153788	0.42913	-2.32937	0.493477	1.44168	1.44168	0.0954925	0.388451	2.58525	0.137299	0.493911	-2.32066	0.347444	0.601565	-1.66344	0.482815	0.687164	-1.45526	0.794962	0.8217977	-1.14682	0.14008	0.4438809	-2.30516	0.36394	0.612157	-1.63357	1.24987	5.47725	3.89934	1
cg00059165	PI16	0.381905	0.818937	0.964878	-1.0364	0.942182	1.01137	1.01137	0.85896	1.04083	1.04083	0.391735	1.146631	1.146631	0.76356	0.916229	-1.09143	0.405112	1.14205	1.14205	0.511978	1.10928	1.10928	0.176716	0.799373	-1.25098	0.046374	0.700607	-1.42733	1.24985	0.48131	0.342306	1
cg09805943	BAI3	0.381911	0.526589	0.896171	-1.11586	0.090774	1.37487	1.37487	0.155749	1.29628	1.29628	0.853094	1.03218	1.03218	0.444405	1.14249	1.14249	0.427855	0.870833	-1.14833	0.412112	1.15405	1.15405	0.30214	1.20038	1.20038	0.146849	1.30477	1.30477	1.24983	0.5778842	0.410964	1
cg09141858	MORG1;MORG1;MAN2B1;MORG1	0.381916	0.423371	1.26013	1.26013	0.476886	1.37485	1.37485	0.0647867	1.04111	1.04111	0.865764	1.03211	1.03211	0.390944	1.12817	1.12817	0.790931	1.04111	1.04111	0.407437	1.13025	1.13025	0.341884	1.28213	1.28213	0.0972	1.04611	1.04611	0.462137	1.23573	1.23573	0.24082	1.58266	1.12561	1
cg05797093	FLNB;FLNB;FLNB;FLNB	0.381924	0.699145	1.09239	1.09239	0.745581	1.0769	1.0769	0.528509	1.15639	1.15639	0.248356	1.31598	1.31598	0.706319	0.91747	-1.08995	0.920164	1.02307	1.02307	0.186832	1.37491	1.37491	0.501222	0.856131	-1.16805	0.0527623	0.605937	-1.65034	1.2498	1.02487	0.72891	1
cg25849029	PRDM16;PRDM16	0.381935	0.318635	1.12448	1.12448	0.915487	0.974739	-1.02592	0.479059	1.38074	1.38074	0.119659	2.15636	2.15636	0.894232	1.06287	1.06287	0.384624	2.3684	2.3684	0.403825	1.44565	1.44565	0.704215	1.19104	1.19104	0.19078	1.41867	2.55978	1
cg23439277	PLCE1	0.381935	0.620812	1.0886246	-1.12836	0.0220938	0.514461	-1.94578	0.482249	0.841175	-1.18881	0.544973	1.15993	1.15993	0.498751	0.840794	-1.18093	0.968499	0.990482	-1.00961	0.529711	1.1667	1.1667	0.551224	0.864154	-1.1572	0.328923	0.783479	-1.27636	1.24978	1.16079	0.825595	1
cg25140066	LCLAT1;CLAT1	0.381937	0.408971	1.1777	1.1777	0.567023	1.11859	1.11859	0.74791	1.06445	1.06445	0.0398332	0.631141	-1.58443	0.922655	0.983367	-1.01899	0.603601	1.10678	1.10678	0.65019	0.916585	-1.09101	0.544724	0.888049	-1.12606	0.198123	0.30139	1.30139	1.24977	0.742481	0.528083	1
cg12980128	ONECUT2	0.381942	0.840994	0.960769	-1.04083	0.826473	0.95495	-1.04718	0.722509	0.929713	1.07556	0.464626	0.855337	-1.16913	0.260696	1.27293	1.27293	0.178934	1.26361	1.26361	0.0116	1.33878	1.2416	1.2416	0.188982	0.747093	-1.33852	0.644555	1.10245	1.10245	0.0623163	1.55447	1.55447	1.24976	0.8726256	0.620589	1
cg16546864	C21orf70	0.381945	0.497331	0.852334	-1.17325	0.703464	1.09273	1.09273	0.252557	0.757961	-1.31933	0.259203	0.761136	-1.31383	0.34537	0.798237	-1.25276	0.392675	1.22513	1.22513	0.0914699	1.53871	1.53871	0.721238	1.08663	1.08663	0.354317	0.801746	-1.24728	1.24976	1.06424	0.756942	1
cg21510734	PAK7;PAK7	0.381949	0.982659	0.989634	-1.01041	0.163492	0.492209	-2.03166	0.403155	1.50623	1.50623	0.0978164	2.37675	2.37675	0.314122	1.17848	1.17848	0.642663	1.24947	1.24947	0.714262	1.19158	1.19158	0.594778	1.03854	1.03854	0.0774761	2.54837	2.54837	1.24975	4.40701	3.10853	1
cg02879784	ISY1	0.381951	0.4259351	1.20557	1.20557	0.325447	1.25777	1.25777	0.138878	1.43308	1.43308	0.496357	1.16883	1.16883	0.477789	0.849578	-1.17705	0.881892	1.03415	1.03415	0.911247	0.676752	-1.47763	0.589753	1.13083	1.13083	0.212712	1.34556	1.34556	1.24974	1.60979	0.718225	1
cg03822754	NMBLNMB	0.381954	0.10029	0.578249	-1.72936	0.3224774	1.36468	1.36468	0.804385	0.927285	-1.07842	0.811552	0.929914	-1.07537	0.144475	0.620718	-1.61104	0.34923	0.745905	-1.34065	0.111668	0.59034	-1.69394	0.477029	0.802553	-1.24602	0.292986	0.717573	-1.39359	1.24973	1.83182	1.30291	1
cg18483976	GPATCH1	0.381957	0.551151	1.1604	1.1604	0.602713	0.878493	-1.1381	0.300958	1.07676	1.07676	0.162264	1.281764	1.281764	0.768848	1.13779	1.13779	0.587384	1.11464	1.11464	0.276595	1.11438	1.11438	0.0765961	1.56378	1.56378	0.194853	1.40254	1.40254	1.24973	1.20455	0.850757	1
cg04523867	MT1M	0.381964	0.988297	1.00389	1.00389	0.867551	0.962946	-1.03848	0.108906	0.629233	-1.58924	0.891558	1.0368	1.0368	0.203584	1.42699	1.42699	0.205829	1.42421	1.42421	0.163987	1.48218	1.48218	0.536949	0.847336	-1.18017	0.575995	0.860961	-1.16149	1.24971	1.38956	0.988362	1
cg04783896	ETV5	0.381965	0.531904	0.858363	-1.16502	0.797153	1.20784	1.20784	0.0857284	1.14103	1.14103	0.462261	1.12261	1.12261	0.374051	1.13157	1.13157	0.555527	1.12511	1.12511	0.491831	1.1348	1.1348	1.1348	0.941349	1.06	1.06	0.342944	1.34249	1.33107	1.35141	1.35141	1.24967	1.12921	1
cg14329441	ITGA2B	0.381967	0.392525	0.867184	-1.15316	0.454503	1.13195	1.13195	0.680353	1.06972	1.06972	0.571293	0.911124	-1.09755	0.570521	0.91095	-1.09775	0.262929	2.2091	2.2091	0.580242	0.913131	-1.09513	0.0931189	0.35056	1.35056	0.1196	1.3162	1.3162	1.2497	0.5238335	0.372594	1
cg25179358	DNAJC22	0.381982	0.263424	1.17617	1.17617	0.865926	0.976756	-1.0238	0.562001	1.08502	1.08502	0.604499	1.07543	1.07543	0.244434	1.0505	1.0505	0.023107	1.45945	1.45945	0.70472	1.05442	1.05442	0.736236	0.954036	-1.04818	0.160374	1.23211	1.23211	1.24967	0.3833188	0.272704	1
cg16862363	XDH	0.381983	0.423779	0.760703	-1.3149	0.453405	0.92311	-1.17494	0.339557	0.894229	-1.11839	0.447738	1.49738	1.49738	0.229403	1.49738	1.49738	0.229246	1.49738	1.49738	0.208242	1.49738	1.49738	0.708923	1.49738	1.49738	0.708923	1.49738	1.49738	0.708923

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21069500	CKXC5		0.3824635		0.2789305		0.4663872		0.1447114		0.1087199		0.1559		0.146442		2.87533		2.837435		0.5810001		1.455567		1.450527		0.30827		0.489427		2.04321		0.6131377		1.41256		1.441256		0.748319		1.43351		1.42457		0.2079319		0.528704		1.54103		1.24854		0.07786		6.46291	
cg07688052	CHERP		0.3824727		0.251641		1.449952		1.449952		0.1431192		1.702723		1.702723		0.101324		1.83474		1.834474		0.258001		1.489684		1.489684		0.760181		0.901614		1.10912		0.4139555		1.32647		1.32647		0.7737331		1.9429		0.985525		1.00616		1.00616		0.905438		0.960595		1.04102		1.24852		2.26288		1.61106	
cg05923681	PBRM1;PRRM1;PBRM1		0.3824276		0.4546766		0.5708556		-1.75175		0.0316645		0.156477		-6.39073		0.0984636		0.263347		-3.79728		0.873061		0.888934		-1.12494		0.233083		0.398265		-2.51089		0.3777799		0.521111		-1.91898		0.543231		0.6355659		-1.57317		0.818039		0.843931		-1.18493		0.82351		1.1799		1.1799		1.24851		10.7205		7.63254	
cg24987806	PPP2R5C;PPP2R5E		0.3824821		0.1607227		0.7565091		-1.32186		0.8449175		1.037413		1.037413		0.1116024		0.7275511		-1.37455		0.199576		1.28711		1.28711		7		0.8065468		0.955317		-1.04677		0.4197481		0.8576741		-1.16094		0.519682		1.12925		1.12925		0.5637172		1.11483		1.12497		0.6074415		0.4882289	
cg11011736	AP2B1;AP2B1		0.3824841		0.780794		0.8822259		-1.13345		0.203668		1.82657		1.82657		0.0895880		2.31729		2.312729		0.626398		1.246544		1.246544		0.246934		0.580629		-1.72227		0.5666995		1.29699		1.29699		0.278766		0.603091		-1.65812		0.278667		0.605965		1.14587		1.14587		0.0004		0.0004	
cg01028627	VMA21		0.3824875		0.3546075		0.6424339		-1.55657		0.91608		1.0502		1.0502		0.899474		0.942961		-1.06049		0.18498		1.92187		1.92187		0.364534		0.648563		-1.54187		0.3886443		0.6826052		-1.51043		0.048568		0.350979		-2.84918		0.992327		1.00448		1.00448		0.5498312		1.32469		1.32469		1.2485		4.27008		3.04016	
cg10607939	FRD1;IFRD1		0.3824886		0.0878444		0.756245		-1.32232		0.9305572		0.987157		-1.01301		0.312257		1.16769		1.16769		0.959762		0.992545		-1.00751		0.713444		0.950569		-1.052		0.2690676		0.843075		-1.18613		0.996069		1.00073		1.00073		0.2478921		1.1962		1.1962		0.187787		1.23		1.23		1.24849		0.4348858		0.3096341	
cg10912397	ERMN;ERMN		0.3824887		0.2049857		2.659505		0.820261		1.183275		1.183275		1.183275		0.1844887		1.48854		1.488541		0.766802		1.24512		1.245122		0.131883		0.585512		1.58552		0.7479376		1.127003		1.361091		0.002093		0.0159873		0.09839		0.05828		2.099123		2.099123		1.24849		10.8623		7.73362	
cg23187159	DUSP26		0.3824888		0.3652338		1.33352		1.33352		0.6334575		1.16024		1.16024		0.1262318		1.62568		1.625168		0.2762224		1.41964		1.41964		0.728392		1.25186		1.13889		1.11389		0.1507777		1.61028		1.61028		1.24849		1.8926		1.34748	
cg19444155	SEC58P2L		0.3825041		0.893965		1.03141		1.03141		0.5340139		0.864098		-1.15728		0.646881		1.11291		1.11291		0.422406		1.20932		1.20932		0.123033		0.678749		-1.4733		0.121581		1.47589		1.47589		0.497224		0.852268		-1.17334		0.548144		0.86854		-1.15136		0.187702		0.723388		-1.38238		1.08451		1.06361		0.757282	
cg14539990	DHMT1		0.3825057		0.130107		2.35609		2.35609		0.1674967		2.105		2.105		0.1345237		2.28386		2.283864		0.1436993		2.27843		2.278843		0.246532		0.487317		1.88737		1.88737		0.4475441		1.50243		1.50243		0.166779		2.16554		2.16554		0.3682202		1.13795		1.62316		0.8859082		1.07816		1.07816		1.24844		5.43209		3.86787	
cg25198967	GLYCTK;GLYCTK;GLYCTK;GLYCTK;GLYCT		0.3825113		0.126337		0.5970973		-1.67484		0.518484		0.838846		-1.2065		0.258927		0.692611		-1.44381		0.812651		0.928637		-1.07685		0.0237982		0.427522		1.23906		0.5723999		0.837041		-1.19469		0.332619		0.752592		-1.31997		1.24843		1.92263		1.36892	
cg07018260	RNF141		0.3825201		0.69549		1.0772		1.0772		0.0306414		0.61871		-1.61627		0.2277		0.787104		-1.27048		0.808588		1.04695		1.04695		0.803962		1.04814		1.04814		0.2771254		1.23822		1.23822		0.941364		1.014		1.014		0.918405		0.980814		-1.01956		0.70219		0.929944		-1.07533		1.24841		0.7066883		0.503169	
cg07985933	AAAS		0.3825225		0.33093		2.71212		2.71212		0.596946		1.70022		1.70022		0.921001		1.906155		-1.10356		0.109046		1.58631		1.586311		0.863709		1.14249		1.14249		0.2425		3.37544		3.37544		0.0399137		0.61031		1.62133		0.6637009		2.53042		2.503406		3.82729		3.82729		1.2484		19.5577		13.9255	
cg01285164	GIYT2		0.3825231		0.5515666		0.8550882		-1.16948		0.4245224		0.822264		-1.21512		0.139572		0.660655		-1.51137		0.376114		1.26536		1.26536		0.752465		0.921016		-1.08571		0.1588646		0.6633725		-1.62939		0.158264		0.67568		-1.47997		0.434265		0.812729		-1.23042		1.24839		1.31552		0.950829		1.24839	
cg22893405	USP42		0.3825232		0.60049		1.39937		1.39937		0.352626		0.544317		-1.83716		0.442966		0.608099		-1.64447		0.739506		1.23639		1.23639		0.212608		0.439365		-2.30433		0.637326		0.739359		-1.35252		0.911402		0.931666		-1.07335		0.106599		3.06616		3.06616		0.139075		2.75231		2.75231		1.24839		7.99504		5.69272	
cg04958845	SPAG1;SPAG1		0.3825239		0.99551		0.999479		-1.00052		0.7918822		1.030377		1.030377		0.880965		0.986212		-1.01397		0.658788		0.9568845		-1.04203		0.572302		0.942412		-1.06111		0.248217		0.894245		-1.11826		0.0185743		0.768187		-1.30177		0.420668		0.926651		-1.07936		0.903568		0.905842		-1.10395		1.24837		0.169527		0.12071	
cg12100661	CDT1B2		0.3825244		?		0.3546075		?		0.0903202		0.450183		-2.22132		0.0823616		0.439215		-2.27679		0.703331		1.17976		1.268935		0.611199		1.63613		0.690931		0.826058		1.04352		1.04352		0.933877		1.03501		1.03501		1.24882		3.20173		2.57412	
cg19787013	RCCL4		0.3825247		0.986876		0.975028		-1.02561		0.787001		1.516511		1.516511		0.576859		0.420344		-2.379		0.721155		0.576366		-1.73501		0.480956		3.00847		3.00847		0.0432515		0.0280206		-35.6881		0.681613		0.530341		-1.88558		?		?		0.192311		8.34587		8.34587		1.24381		41.3925		33.2788	
cg00867626	KDM2B;KDM2B		0.3825252		0.845486		1.09107		1.09107		0.7950566		0.850001		-1.08618		0.8834565		0.466085		-2.14553		0.462934		1.741929		1.34784		0.353548		0.744964		-1.34244		0.698685		1.16813		1.16813		0.0539662		0.4161511		0.4161511		0.0971058		1.0298		1.34634		3.15561		2.24698	
cg14281646	GNAQ		0.3825254		0.751664		0.8965565		-1.11537		0.2204245		0.382529		-2.61418		0.800569		0.916627		-1.09096		0.436771		0.761214		-1.31369		0.747402		0.894816		-1.11755		0.183976		0.615857		-1.62375		0.672889		1.15725		1.15725		0.472409		0.777736		-1.28578		0.344215		0.715275		-1.39806		1.24833		2.13855		1.66519	
cg21512773	MYO7B		0.3825256		0.1053894		0.7125363		1.271146		1.271146		0.371307		-1.60273		0.1555458		0.338888		-2.95049		0.31903		0.3028414		0.2460238		0.0548733		0.152148		-6.42554		0.1414159		0.2846455		0.1994		0.2460238		0.0548733		0.152148		-6.42554		0.1414159		0.2846455		0.1994		1.24833		0.7955		0.167382		1.24833		0.7955		0.167382	
cg24117764	GABRB2;GABRB2		0.3825267		0.573465		0.819512		-1.22024		0.5588922		0.474013		-2.10965		0.290681		0.681333		-1.46771		0.956686		0.981174		-1.01919		0.982207		0.992227		-1.00783		0.1144159		0.829916		-1.20548		0.1982		0.5045		0.1982		0.5045		0.1982		0.5045		0.1982		0.5045		1.24833		0.7955		0.167382		1.24833		0.7955		0.167382	
cg07101732	CA10;CA10;CA10		0.3825268		0.357894		0.807118		-1.23898		0.0323986		0.566827		-1.76421		0.546184		0.178773		0.814925		-2.27711		0.43473		1.19798		0.662

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cg18239753	KHDRBS2;KHDRBS2	0.383111	0.0326546	6.47939	6.47939	6.628037	1.44042	1.44042	0.608538	1.47127	1.47127	0.441033	0.555838	-1.78909	0.654518	0.714135	-1.4003	0.784861	1.815022	-1.22696	0.795346	0.823416	-1.22445	0.835147	1.11409	1.114409	0.448294	1.18702	1.24703	11.035	7.86577	1
cg26498966	MKNK2;MKNK2	0.383117	0.0706689	0.139375	-7.17489	0.542419	0.547958	-1.82496	0.393713	0.23405	0.23405	0.604228	0.600418	-1.66551	0.099504	0.171858	5.81877	0.312253	0.360674	-2.77259	0.238165	0.299581	-3.338	0.758001	1.35188	1.35188	0.436432	0.460918	0.216958	1.24702	18.7968	13.3985	1
cg24242394	HLA-DRB1	0.383121	0.541454	1.4166	1.4166	0.612666	1.33327	1.33327	0.827891	1.13051	1.13051	0.731629	0.82369	-1.21405	0.114526	0.380202	-2.63018	0.904941	0.934906	-1.06963	0.067252	0.314917	-3.17544	0.913975	0.940935	-1.06277	0.219878	2.06812	2.06812	14.2701	6.26917	4.46876	1
cg13387131	KCNJ5	0.383124	0.506846	0.873956	-1.14422	0.1426909	0.729661	-1.37053	0.180957	0.75264	-1.32864	0.483655	1.15305	1.15305	0.325093	0.816045	-1.22542	0.935248	0.983876	-1.01639	0.445327	1.16833	1.16833	0.2553	1.26819	1.26819	0.323888	1.22608	1.247	0.790443	0.563433	1
cg00958317	SYTL2	0.383142	0.620232	1.40995	1.40995	0.345669	0.512745	-1.95029	0.152015	0.348035	-2.87327	0.548872	1.51768	1.51768	0.437513	0.580008	-1.72411	0.844502	0.873663	-1.14461	0.912307	1.07871	1.07871	0.0904514	3.60772	3.60772	0.249341	2.28892	2.28892	1.26496	9.34214	6.65948	1
cg07119260	ZFP36L2;LOC100129726	0.383145	0.413624	0.875931	-1.14164	0.205959	0.8094	-1.23548	0.115161	0.762239	-1.31192	0.580256	0.092357	1.092357	0.340655	0.853867	-1.16841	0.799819	0.960526	-1.0411	0.604123	1.08644	1.08644	0.150302	1.27685	1.27685	0.412913	0.875746	1.14188	1.14694	0.496123	0.353664	1
cg13863638	RREB1;RREB1;RREB1;RREB1	0.383151	0.0847078	0.740315	-1.35078	0.873061	0.975101	-1.02554	0.578706	0.915345	-1.09248	0.859669	1.0283	1.0283	0.06880401	0.725303	-1.37873	0.155541	0.786906	-1.2708	0.570286	1.09468	1.09468	0.406838	0.874756	-1.14318	0.365589	0.863643	-1.15789	1.24694	0.491118	0.350096	1
cg26794715	MSC	0.383155	0.0768717	4.37912	4.37912	0.754102	1.36596	1.36596	0.781369	0.805514	-1.23831	0.376298	0.5059801	-1.67667	0.991265	1.5028	1.50208	0.136559	0.300369	-3.33256	0.395202	0.530233	-1.92222	0.923518	1.30549	1.30549	0.3631	2.01679	2.01679	1.24693	11.1237	7.92962	1
cg02233414	NFKBID	0.383159	0.679136	0.914193	-1.09386	0.274185	1.27814	1.27814	0.688659	0.738827	-1.3535	0.82388	1.31029	1.31029	0.122265	0.433508	2.30637	0.674711	1.12581	1.12581	0.130436	0.632188	-1.58181	0.649508	1.13706	1.13706	0.605809	1.15737	1.15737	1.24691	1.55656	1.10963	1
cg24038814	GOLGA3	0.383164	0.684029	1.08255	1.08255	0.182114	0.96199	1.04115	0.957426	0.924044	-1.08651	0.937218	1.01584	1.01584	0.777211	0.882202	1.29909	0.841297	0.947725	-1.05516	0.340343	1.30102	1.30102	0.0438	1.24172	1.24172	0.124741	0.640278	1.56506	1.24691	1.45625	1.00961	1
cg06506156	TSSC1;TSSC1	0.38318	0.484295	0.819419	-1.22038	0.907022	0.967346	-1.03376	0.0623692	0.555540	-1.80002	0.441221	1.24615	1.24615	0.271467	1.37821	1.37821	0.855238	0.950114	-1.05251	0.344328	1.32173	1.32173	0.738385	0.910351	-1.09848	0.216939	0.694871	-1.43912	1.24687	1.55051	1.10535	1
cg09252806	EBF3	0.383183	0.0703016	0.234742	-4.26	0.969009	0.972578	-1.0282	0.720492	1.29323	1.29323	0.667151	0.733701	-1.36295	0.0767737	0.244469	-4.09049	0.529945	0.634203	-1.57678	0.256107	0.428089	-2.33596	0.145029	0.326239	-3.06524	0.359236	0.509319	-1.9634	1.24687	10.1153	7.21116	1
cg25077777	1D;EF1D	0.383195	0.79011	1.21341	1.21341	0.229129	0.203666	2.02366	0.527606	1.42971	1.42971	0.480281	1.49225	1.49225	0.357177	0.601464	-1.66261	0.367359	0.596177	-1.67736	0.0600592	0.321014	-3.11513	0.934577	0.955179	-1.04692	0.278609	0.532395	1.24684	6.16083	4.39214	1
cg02511767	ATM;ATM	0.383197	0.767398	0.918212	-1.08963	0.503287	0.799162	-1.25103	0.305258	0.784894	-1.27419	0.642751	0.977913	-1.02259	0.950521	1.050884	-1.90682	0.893371	0.959153	-1.04259	0.564825	1.62292	1.62292	0.0135	1.60914	1.60914	0.0139	1.40913	1.40913	1.24683	1.90969	1.36145	1
cg03605372	PRKCSH;PRKCSH;PRKCSH;CCDC151;PRK	0.383199	0.0833005	0.759013	-1.3175	0.991554	1.00152	1.00152	0.619318	0.930501	-1.07469	0.337056	0.867317	-1.15298	0.664838	0.939233	-1.0647	0.116729	0.782611	-1.27777	0.163838	0.807603	-1.23823	0.983417	1.00299	1.00299	0.288674	1.17165	1.17165	1.24683	0.408468	0.291204	1
cg17188599	CABP1	0.383199	0.627715	0.798621	-1.25216	0.109006	2.23503	2.23503	0.102373	2.27627	2.27627	0.820506	1.11024	1.11024	0.736239	0.856137	-1.16804	0.292896	1.65218	1.65218	0.32825	0.774305	-1.29148	0.970454	0.983101	-1.01719	1.24683	4.18125	2.9809	1
cg10795539	RPP38;RPP38;RPP38	0.383202	0.082051	0.557599	-1.7934	0.196781	0.661171	-1.51247	0.864049	0.94937	-1.05333	0.961521	0.98548	-1.01473	0.0759218	0.549453	-1.81999	0.418372	1.28493	1.28493	0.573444	1.18823	1.18823	0.694691	0.887282	-1.12704	0.800104	0.92596	-1.07996	1.24682	1.81505	1.29399	1
cg04891917	KBTBD3;KBTBD3;AASDHPPT	0.383207	0.822903	1.09255	-1.15811	0.139803	0.76554	-1.42652	0.595096	1.19409	1.19409	0.674765	1.03172	1.03172	0.0218215	0.499571	1.43956	0.837577	0.934383	-1.07023	0.167798	0.67471	-1.62678	0.730717	0.880948	-1.12102	0.994955	0.997912	1.24681	2.15885	1.53911	1
cg01145245	OCN01D3	0.383207	0.857309	0.860116	-1.16263	0.275077	2.58759	2.58759	0.300702	2.45434	2.45434	0.293121	2.49206	2.49206	0.146217	0.270917	-3.69117	0.518463	1.72994	1.72994	0.297483	2.47019	2.47019	0.0992272	4.54087	4.54087	0.581271	1.59423	1.59423	1.24681	13.8423	9.36862	1
cg10662959	IGFBP1	0.383214	0.0315796	10.5153	10.5153	0.156015	4.12298	4.12298	0.45325	2.04039	2.04039	0.216156	0.623899	-1.60354	0.0238199	0.402627	2.48355	0.538442	1.14986	-1.64409	0.964183	0.992047	-1.01945	0.887307	0.913955	1.23725	0.863894	1.17368	1.17368	1.24681	1.75268	1.26347	1
cg15766024	TMEM30C;TMEM30C	0.383223	0.950768	0.978994	-1.02146	0.894155	0.955263	-1.04683	0.541854	1.23654	1.23654	0.315085	0.699657	-1.42927	0.857277	1.06385	1.06385	0.0384445	4.384414	-2.28095	0.202178	1.58882	1.58882	0.519289	1.25184	1.25184	0.918286	1.03591	1.03591	1.24677	2.33427	1.66422	1
cg02550961	DUOX2;DUOX2	0.383226	0.83207	1.08359	1.08359	0.401206	1.38384	1.38384	0.543625	0.792611	-1.26165	0.65921	0.845527	-1.18269	0.184396	0.587244	-1.70287	0.636451	0.835259	-1.19723	0.0435764	0.415897	-2.40444	0.813993	1.0932	1.0932	0.172929	0.577907	-1.73038	1.24677	2.82261	2.01239	1
cg25536475	ZNF665	0.383227	0.126931	0.47955	-2.08579	0.756635	0.105196	-1.51734	0.239873	0.39819	-2.51041	0.646295	0.888604	-1.12584	0.411832	0.693107	1.44258	0.150072	1.28247	-1.28247	0.0135091	0.085133	-11.0159	0.0094	1.23775	1.23775	0.168381	1.26855	1.26855	1.24677	17.2031	12.5547	1
cg00648184	MARCH10;MARCH10	0.38323	0.194666	0.448141	-2.23144	0.768461	0.83904	-1.19184	0.959048	1.0305	1.0305	0.87342	1.09777	1.09777	0.247084	0.492589	-2.03009	0.116338	0.368476	-2.71388	0.176458	0.431389	-2.31809	0.0584299	0.28621	-3.49394	0.98784	0.991123	-1.00896	1.24676	6.75893	4.81885	1
cg25883261	PDHX;PDHX;PDHX;PDHX;APIP;PDHX	0.383228	0.693032	0.937539	-1.06897	0.603404	0.959242	-1.04249	0.878983	1.06403	1.06403	0.713233	0.876051	-1.14137	0.671489	0.867357	1.15303	1.1241	1.28471	1.28471	0.267557	1.33433	1.33433	0.0181	1.42563	1.42563	0.0127316	1.27706	1.27706	1.24676	1.08046	0.662401	1
cg16416201	PANX2;PANX2;PANX2	0.383231	0.343499	0.79369	0.793693	0.163122	1.63122	1.63122	0.078444	1.63122	1.63122	0.078444	1.63122	1.63122	0.078444	1.63122	1.63122	0.731791	1.22875	1.22875	0.198149	2.25764	2.25764	0.25708	2.02608	2.02608	0.488738	1.52364	1.52364	1.24676	7.07861	5.04677	1
cg21032476	HLA-H	0.383235	0.959437	0.929029	-1.07639	0.990991	0.983792	-1.01648	0.883841	1.23565	1.23565	0.253091	0.54998	1.54998	0.204834	0.593352	0.593352	0.0372688	-36.6719	0.939717	1.11569	1.11569	0.959741	1.0758	1.0758	1.0758	0.841291	0.748122	-1.33668	1.24675	41.3657	29.4924	1
cg04342476	TOM1L2;TOM1L2	0.383242	0.580197	1.17962	1.17962	0.195418	1.39544	1.39544	0.25418	0.822868	-1.23717	0.262444	0.746973	1.746973	0.0911	0.228464	4.37842	0.655626	1.37717	1.37717	0.423403	0.90193	1.10166	1.58814	0.638883	1.44485	1.44485	0.107376	2.15656	2.15656	1.24675	0.929085	0.662401	1
cg16461869	FHOD3	0.383242	0.412107	0.671406	-1.48941	0.276275	0.583925	-1.71255	0.985046	1.00894	1.00894	0.931993	0.960264	-1.04138	0.0361569	0.31429	-3.18177	0.202292	0.527547	-1.89557	0.27063	0.570918	-1.73438	0.9308	0.994538	-1.00549	0.141486	0.471857	-2.11929	1.24673	4.55599	3.17701	1
cg16257215	GPR37L1	0.383253	0.0918751	0.620903	-1.61073	0.56487	0.165007	-1.60105	0.0888355	0.64512	-1.54984	0.328683	0.633797	-1.57779	0.0508737	0.362044	-2.76197	0.445291	0.902102	-1.44525	0.328693	0.680218	-1.46992	0.968243	0.983523	0.6585	-1.5186	0.882766	1.13284	1.24673	0.488498	0.352865	1
cg19358195	RPS6KA6	0.383266	0.202551	0.261421	-3.82524	0.983837	0.980001	-1.02041	0.892339	1.14458	1.14458	0.108795	5.72119	5.72119	0.130221	5.10336	5.10336	0.215124	2.272204	-3.67372	0.955674	0.946078	-1.057	0.732143	1.40863	1.40863	0.713372	0.692176	-1.44472	1.24667	19.6351	14	1
cg13443116	GPR1;GPR1	0.383268	0.457309	1.13974	1.13974	0.199499	1.27693	1.27693	0.54488	1.11666	1.11666	0.0667684	1.44869	1.44869	0.520871	0.889265	-1.12452	0.279524	1.22477	1.22477	0.183	1.28608	1.28608	0.790173	1.04927	1.04927	0.380648	0.850291	-1.17607	1.24667	0.642166	0.457872	1
cg05976247	C10orf11	0.383327	0.626726	0.809782	-1.23506	0.948875	0.967346	-1.03388	0.245719	0.568469	-1.75602	0.406295	1.20199	1.20199	0.868922	0.993728	-1.00631	0.782009	0.883942	-1.13186	0.0493721	0.562911	1.93351	1.93351	0.2899	1.64497	1.64497	1.24667	0.40589	0.289033	1
cg12838676	SDCCAG1	0.383275	0.217684	0.517721	-1.93154	0.520527	1.38676	1.38676	0.0714711	2.77826	2.77826	0.896809	0.936254	-1.06809	0.559582	1.3492	1.3492	0.645758	1.26485	1.26485	0.135487	2.26319	2.26319	0.294601	1.73639	1.73639	0.341298	1.64506	1.64506	1.24665	5.08802	3.62786	1
cg20161132	HS1	0.383279	0.694559	1.23375	1.23375	0.0235202	1.02665	1.02665	0.220033	0.644899	-1.78136	-1.28019	0.879788	1.58394	1.58394	0.189272	5.28263	1.45253	1.45253	1.45253	0.0124555	0.523998	1.09125	1.47518	0.150644	0.602037	-1.66176	0.449222	1.46622	1.24662	0.595179	0.424796	1
cg20731819	ADARB2	0.383282	0.089747	0.297773	-4.17061	0.562934	0.639838	-1.5629	0.76025	0.791915	-1.26276	0.353788	0.482683	-2.07175	0.215731	0.36907	-2.70865	0.260225	0.407952	-2.45127	0.240099	0.759788	-1.31616	0.0566859	0.208088	-4.80565	0.422134	0.534705	-1.87019	1.24661	11.5088	8.20626	1
cg07252851	GFM2;GFM2;NSA2;GFM2	0.383293	0.929527	0.970986	-1.02988	0.442577	1.29771	1.29771	0.342961	0.722379	-1.38431	0.221225	1.53422	1.53422	0.287762	0.692547	-1.44395	0.501136	1.25517	1.25517	0.111691	0.561786	-1.78004	0.402717	0.751979	-1.32982	0.356275	1.3714	1.3714	1.24661	2.1875	1.55979	1
cg24370475	FGF19	0.383294	0.0765603	0.188102	-5.31603	0.0235202	0.265606	-3.7665	0.0235202	0.64566	-1.5525	-1.16593	0.883908	1.88394	1.88394	0.0107273	9.32644	0.210118	4.75904	4.75904	0.0107273	9.32644	0.210118	1.07024	0.934587	1.07024	0.934587	1.07024	0.934587	1.24661	1.15922	0.926985	0.662401	1
cg18394178	CACNA1A;CACNA1A	0.383298	0.294037	0.494818	-2.02095	0.51094	1.53884	1.53884	0.67528	0.763129	-1.31039	0.967138	1.02699	1.02699	0.0239326	0.175228	5.70686	0.260562	0.460518	-2.17147	0.894732	0.917981	-1.08935	0.518299	0.654855	-1.52706	0.386456	0.563321	-1.77519	1.2466	8.25033	5.8829	1
cg22771053	TRIM46;KRTCAP2	0.383304	0.0899403	0.611284	0.611284	0.0235202	1.14569	1.14569	0.266845	0.731554	-1.36695	0.381641	1.32763	1.32763	0.0235202	0.175435	5.70026	0.157334	1.50471	1.50471	0.0180999	0.633405	-1.5936	0.77032	0.917552	-1.08982	0.832663	1.05887	1.05887	1.24661	1.44115	1.00969	1.34145	1
cg13553453	UBE3B;UBE3B;UBE3B;KCTD10;UBE3B	0.383301	0.607498	1.46598	1.46598	0.18174	2.87164	2.87164	0.992668	1.0068	1.0068	0.245676	0.405967	-2.46326	0.383378	0.516016	-1.93793	?	?	?	0.231752	2.5386	2.5386	0.181397	2.87436	2.87436	0.548559	0.638649	-1.56582	1.26871	0.50616	0.55617	1
cg09601994	GTF3C3	0.383302	0.879922	1.06974	1.06974	0.20934	1.17354	1.17354	0.482868	1.37446	1.37446	0.150526	0.747831	1.3372	1.3372	0.0209007	7.79157	0.621589	1.24845	1.24845	0.0449007	2.79157	2.79157	0.0898642	2.30862	2.30862	0.461897	1.39658	1.39658	1.24659	3.92706	2.80022	1
cg01894352	BTBD9;BTBD9	0.383306	0.242079	0.732165	-1.36581	0.27733	1.33332	1.33332	0.489055	1.19596	1.19596	0.676825	1.11263	1.11263	0.599995	0.87395	-1.14423	0.543457	0.855053	-1.16952	0.735638	1.09012	1.09012	0.104926	1.57016	1.57016	0.117787	1.54109	1.54109	1.24658	1.27998	0.912706	1
cg20079685	ZNF516	0.383307	0.177346	0.597457	-1.67373	0.0235202	0.823266	1.21465	0.0235202	0.351144	2.84808	0.914415	0.962363	-1.03922	0.445538	0.702005	1.42357	0.101535	0.538203	-1.85807	0.0946106	0.522166	-1.9151	0.760104	0.879733	-1.1144	0.216177	0.631088	-1.58467	1.24658	4.69851	3.76901	1
cg20390624	SYTL2;SYTL2;SYTL2	0.383309	0.72227	0.839078	-1.19178	0.939369	0.81811	-1.03811	0.166257	0.483979	-2.06621	0.638309	0.792338	-1.26209	0.0425207	0.317184	3.15275	0.538821	1.35787	1.35787	0.975446	1.01525	1.01525	0.324887	0.606659	-1.64837	0.14823	0.466509	-2.14358	1.24658	4.77175	3.40257	1
cg21835288	TMEM139	0.383311	0.334371	0.792475	-1.26187	0.0663865	1.61839	1.61839	0.388157	0.831322	-1.20292	0.341977	0.25701	1.25701	0.91543	0.97549	-1.02513	0.760012	0.930926	1.07432	0.155864	1.42437	1.42437	0.740808	1.08091	1.08091	0.419384	1.20503	1.20503	1.24657	1.07751	0.768336	1
cg11487992	PSMB11	0.383311	0.234041	0.750697	-1.3321	0.0803562	1.55593	1.55593	0.134446	1.25467	1.25467	0.889981	0.958949	-1.04306	0.200953	0.735045	-1.36046	0.34062	1.2994	-1.25084	0.575509	1.13762	1.13762	0.953494	1.01338	1.01338	0.878257	0.965669	-1.03555	1.24657	1.02546	0.731224	1
cg06784436	NELL1	0.383322	0.991295	0.95207	-1.00482	0.554416	1.30129	1.30129	0.92369	1.04502	1.04502	0.493898	1.35795	1.35795	0.922866	0.301428	-3.31754	0.699756	0.843101	-1.1861	0.821184	1.10484	1.10484	0.390222	1.47368	1.47368	0.623375	1.24357	1.24357	1.24654	3.82941	2.73068	1
cg10641860	C20orf199;SNORD12C;C20orf199;ZNFX	0.383332	0.092749	0.772365	-1.29472	0.7993136	1.03625	1.03625	0.784253	1.03907	1.03907	0.357499	0.87622	-1.14127	0.869437	1.02324	1.02324	0.159805	0.810794	-1.23336	0.71165	1.05321	1.05321	0.199724	1.20826	1.20826	0.376498	1.13511	1.13511	1.24652	0.384947	0.274504	1
cg04884481	BCL11B;BCL11B	0.383334	0.0589298	0.208301	-4.80074	0.262433	2.3617	2.3617	0.565588	1.53223	1.53223	0.222952	0.380902	-2.56475	0.719375	0.778095	-1.28528	?	?	?	0.770424	1.80649	1.80649	0.0804409	1.24007	1.24007	0.0134398	1.58849	1.58849	1.24654	9.45754	7.61517	1
cg22363893	PAK3;PAK3;PAK3;PAK3;PAK3	0.383335	0.21665	0.476801	-2.09731	0.71841	0.813592	-1.22912	0.377084	0.596681	-1.67593	0.249404	0.503672	-1.98542	0.848409	0.276709	3.6139	0.796588	1.15854	1.15854	0.402687	0.613908	-1.62891	0.427626	0.58631	1.58631	0.221281	0.480709	-2.08026	1.24651	0.640775	0.456937	1
cg04006042	FBXL7;BHLHB3	0.383344	0.815061	0.970922	-1.02995	0.256856	1.16072	1.16072	0.641621	1.06081	1.06081	0.457075	1.10008	1.10008	0.46349	0.910302	-1.09854	0.977423	0.996442	-1.00357	0.322176	0.87915	-1.13746	0.165017	1.20506	1.20506	0.0920516	0.79171	-1.26309	1.24649	0.313129	0.223296	1
cg10125865	UBR3	0.383353	0.184747	0.5	-1.99975	0.113679	1.14796	1.14796	0.0756187	1.15867	1.15867	0.0145578	1.24196	1.24196	0.0145578	1.24196	1.24196	0.0145578	1.24196	1.24196	0.0145578	1.24196	1.24196	0.0145578	1.24196	1.24196	0.0145578	1.24196	1.24196	1.24649	1.24196	1.13621	0.857511	1
cg02051616	NKX2-5;NKX2-5;NKX2-5	0.383354	0.0950414	5.50917	5.50917	0.488899	0.515962	-1.92322	0.136748	0.444228	0.444228	0.85865	0.576846	-1.73356	0.480402	1.94891	1.94891	0.309271	0.375756	-2.6613	0.596981	0.608732	-1.64276	0.307622	0.67084	2.67084	0.841792	1.20431	1.20431	1.24647	17.0827	12.1821	1
cg02884773	SNAI2;SNAI2; WHSC1;WHSC1;WHSC1;WHSC1;WHSC	0.383356	0.0971052	0.307437	-3.2527	0.0687915	0.267322	-3.74081	0.473891	0.623878	-1.60288	0.741461	0.806978	-1.23919	0.264633	0.470898	-2.1236	0.186059	0.403271	-2.47972	0.127512	0.343886	-2.90794	0.444563	0.603594	-1.65674	0.875789	1.10664	1.10664	1.24646	8.28325	5.90702	1
cg10445664	1	0.383359	0.732798	0.917001	-1.06724	0.820309	0.957718	-1.04415	0.453248	0.864955	-1.61653	0.242602	0.792785	-1.26138	0.36804	0.19192	5.19192	0.394936	1.02541	1.02541	0.0403983	1.5676	1.5676	0.427348	0.857373	-1.16635	0.740365	1.06518	1.06518	1.24646	0.711773	0.507588	1
cg26252985	PC;PC;PC	0.383362	0.0971052	0.307437	-3.2527	0.0687915	0.267322	-3.74081	0.473891	0.623878	-1.60288	0.741461	0.806978	-1.23919	0.264633	0.470898	-2.1236	0.883845	1.04265	1.04265	0.0403983	1.5676	1.5676	0.427348	0.857373	-1.16635	0.740365	1.06518	1.06518	1.24646	0.711773	0.507588	1
cg24939838	PRDM16;PRDM16	0.383366	0.571188	1.52627	1.52627	0.148973	1.13772	1.13772	0.114177	3.55943	3.55943	0.582304	0.663171	-1.50791	0.746902	1.27029	1.27029	0.904459	1.09277	1.09277	0.055218	4.98186	4.98186	0.479852	1.70006	1.70006	0.632233	0.700297	-1.42797	1.24644	10.7761	7.6849	1
cg16970232	APC;APC;APC; GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL SYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;	0.383368	0.897716	1.0231	1.0231	0.730803	1.42615	1.42615	0.119308	1.35009	1.35009	0.920218	0.982367	-1.01795	0.977739	1.17435	1.17435	0.42772	1.15464	1.15464	0.644199	0.920735	-1.08609	0.219043	0.794801	-1.25802	0.608525	1.07629	1.07629	1.24644	0.622493	0.443927	1
cg02389590	GOLSYN;GOLSYN;GOLSYN;GOL	0.383374	0.840099	0.898359	-1.11314	0.564349	1.36228	1.36228	0.215073	0.500384	-1.99846	0.21357	0.499128	-2.00349	0.585324	1.33954	1.33954	0.641426	1.28254	1.28254	0.738477	0.837128	-1.19456	0.0416033	0.287534	-3.47786	0.660879	1.26392	1.26392	1.24642	5.55692	3.96293	1
cg12601909	TOLLIP	0.383382	0.968476	0.988997	-1.01112	0.76052	0.917974	-1.08936	0.401789	1.27156	1.27156	0.217524	1.43792	1.43792	0.133977	0.636057	-1.57219	0.275138	0.727705	-1.37418	0.107848	0.611886	-1.63429	0.437799	0.801251	-1.24805	0.932689	1.02393	1.02393	1.24641	1.5472	1.1034	1
cg06549871	TCF25	0.383383	0.395031	0.810926	-1.23356	0.0663865	0.178882	-1.17882	0.0803383	1.44403	1.44403	0.808886	1.02066	1.02066	0.741544	0.906564	-1.10289	0.779595	1.05186	1.05186	0.154143	0.567174	1.90186	1.90186	0.0149493	0.863025	-1.15872	0.107447	1.36858	1.36858	1.24641	0.629615	0.449819	1
cg24748945	MAP2K2	0.38339	0.0323667	2.21926	2.21926	0.271711	1.43915	1.43915	0.455391

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	t(Error)	F(Error)
cg00446722	SDC2		0.638982	0.883301	0.13496	0.708265	0.589791	-1.695	0.12153	0.637541	1.56853	0.554968	0.17365	1.17365	0.53626	0.8454	1.18287	0.398153	1.26109	1.26109	0.138875	0.632337	1.53295	0.852643	0.95136	-1.05113	0.72804	0.910635	-1.09881	1.24553	1.4185	1.01233	1	
cg24352393	ZBTB7C		0.381824	0.784921	-1.27401	0.9912817	1.67092	1.670092	0.0962189	1.6557	1.6557	0.305092	1.34065	1.34065	0.927993	0.975358	1.02526	0.444535	1.24005	1.24005	0.284419	1.35927	1.35927	0.90506	0.9676	-1.03349	0.583493	0.858262	-1.16515	1.24553	1.503093	1.0727	1	
cg08734194	SHPK		0.383761	0.340103	0.540696	-1.84947	0.994642	0.995809	-1.00421	0.358429	1.80513	1.80513	0.503083	0.653744	-1.52955	0.302251	0.512525	-1.95112		0.0306799	0.204365	-4.89122	0.458843	0.623914	-1.60278	0.628783	1.35618	1.35618	0.718276	0.797251	-1.25431	1.24552	1.71626	1.50684	1	
cg01627483	MTMR9L		0.383764	0.30645	0.432685	-2.31115	0.172803	0.31731	-3.15139	0.0348886	0.14296	-6.99496	0.270018	0.4030304	-2.48117	0.365894	0.479407	-2.08552		0.7525342	0.778436	-1.28435	0.122387	0.266896	-3.74677	0.760908	0.78552	-1.27304	0.903354	0.908362	-1.10088	1.24551	1.32488	1.13182	1	
cg21143224	RPTOR/RPTOR		0.383768	0.238957	0.4061	-2.46245	0.057348	0.205199	-4.87333	0.118651	0.290039	-3.44781	0.961019	0.9649118	-1.03636	0.364095	0.506315	-1.97506		0.346829	0.492701	-2.02963	0.0872188	0.25162	-3.97424	0.603872	0.679975	-1.47064	0.593656	0.673953	-1.48378	1.24551	1.50.1321	0.753652	1	
cg14165029	KIAA1751		0.383769	0.334485	0.615331	-1.68324	0.126741	0.26169	-2.26303	0.74628	1.73998	1.73998	0.8091221	1.12701	1.12701	0.112485	0.425836	0.9988		0.922349	0.95297	-1.04935	0.157475	0.473853	-2.11036	0.489545	0.700935	-1.41458	0.700493	1.21042	1.21042	1.2455	0.83518	0.443663	1	
cg15433043	MYO7A:MYO7A/MYO7A		0.383774	0.594633	0.857753	-1.16584	0.239104	1.42221	1.42221	0.3037	0.7376121	-1.35573	0.583369	0.853644	-1.17145	0.0556222	0.538147	-1.85823		0.2906919	1.36795	1.36795	0.667909	1.13123	1.13123	0.52214	0.830829	-1.20362	0.926621	0.974027	-1.02667	1.24549	1.60996	1.149	1	
cg17243834	HBA1/HBA1;HBA2		0.383778	0.300931	3.37478	3.37478	0.4120558	0.386812	-2.58324	0.451643	0.419795	-2.38212	?	?	?	0.892422	1.16501	1.16501		0.883387	1.18018	1.18018	0.882112	1.56763	1.56763	0.996093	0.54476	-1.82896	0.0390407	0.06379	-15.6364	1.2675	22.2519	15.3613	1	
cg12888127	RNTC1;RSRC2;RSRC2/RSRC2		0.383788	0.949655	0.944012	-1.05931	0.188442	1.56636	0.356436	0.0699473	0.353316	0.353316	0.894995	0.886484	-1.12805	0.693016	0.818026	0.54402		0.84941	1.18939	1.18939	0.852166	0.843476	-1.18557	0.881363	1.14599	1.14599	0.848826	1.1902	1.1902	1.24548	1.46233	11.7212	1	
cg13669080	AGPAT2:AGPAT2		0.383786	0.49199	0.733279	-1.36374	0.216585	0.56103	-1.78244	0.0559132	0.381874	-2.61866	0.148681	0.502309	-1.99081	0.149616	0.503218	-1.98721		0.65163	0.817065	-1.22389	0.746184	1.15531	1.15531	0.601876	1.26362	1.26362	0.645911	0.814123	-1.22832	1.24546	1.89762	2.78173	1	
cg04394975	ABLIM1;ABLIM1;ABLIM1;ABLIM1		0.383787	0.330047	0.473015	-2.11141	0.0833326	0.127605	-7.8403	0.0102605	0.7818	3.7818	0.660376	1.0377	1.0377	0.319409	0.964698	-2.15194		0.6153558	1.45837	1.45837	0.189214	1.50085	1.50085	0.884043	0.899944	-1.11064	0.643612	0.706804	-1.41482	1.24546	1.90924	2.80961	1	
cg21952723	INCA1:INCA1/KIF1C:INCA1		0.383789	0.651407	0.872829	-1.1457	0.802852	0.97068	1.07768	0.6877	0.886172	-1.12845	0.430595	1.27199	1.27199	0.087817	0.557789	-1.79279		0.151967	0.631929	-1.58246	0.303018	1.37583	0.730629	0.10886	1.10888	0.240571	0.692511	-1.44402	1.24546	1.76406	1.25902	1	
cg24822602	PIEP		0.383791	0.642696	0.817706	-1.2225	0.294668	0.45097	-2.20309	0.585533	0.788152	-1.26717	0.669158	1.203922	1.203922	0.26528	0.607031	-1.64742		0.572254	0.78189	-1.27895	0.202692	0.560848	-1.78302	0.208879	1.7676	1.7676	0.19339	1.45636	1.45636	1.24545	3.64724	2.60106	1	
cg06443466	CARD11		0.383799	0.276796	0.678077	-1.47476	0.339958	0.713356	-1.40182	0.308762	1.43591	1.43591	0.653985	1.16761	1.16761	0.251465	0.6626514	-1.50907		0.086413	0.52175	-1.91663	0.937649	1.02723	1.02723	0.281014	1.46937	1.46937	0.864344	0.942962	-1.06049	1.24543	2.32673	1.66003	1	
cg20823529	PCGF3		0.383821	0.851184	0.875439	-1.14228	0.215566	0.397228	-2.51744	0.0811749	0.93314	0.93314	0.927296	1.06678	1.06678	0.086692	0.263748	-3.82048		0.807323	1.18895	1.18895	0.564855	1.53012	1.51012	0.955701	1.04009	1.04009	0.843876	0.869653	-1.14988	1.24538	9.89576	7.06306	1	
cg15005677	MAPKBP1		0.383822	0.562762	0.743927	-1.34794	0.0202057	0.298503	-3.84907	0.47962	0.8683268	1.84533	0.541973	0.7942093	-1.37016	0.558528	0.739471	-1.35232		0.792287	0.74103	-1.34973	0.146201	0.451238	-2.21613	0.636566	0.784421	-1.27483	0.643463	1.502119	1.502119	1.24538	1.13319	0.6638	1	
cg08709672	AVPR1B:AVPR1B		0.383826	0.815636	1.06819	1.06819	0.0834434	1.71797	1.71797	0.064051	1.78995	1.78995	0.87012	1.0473	1.0473	0.591883	0.85827	-1.16514		0.2810666	1.37219	1.37219	0.380805	0.7757861	-1.28902	0.666187	1.1304	1.1304	0.959686	1.01438	1.01438	1.24537	1.57316	1.12285	1	
cg21144890	BCAS3;BCAS3		0.383828	0.833447	0.889661	-1.12377	0.0326159	0.250138	-3.9978	0.107901	0.378275	-2.64358	0.485209	1.48145	1.48145	0.245589	0.675494	-1.48021		0.685546	0.798053	-1.25305	0.663223	0.784419	-1.27483	0.776605	0.534138	-1.87317	0.812799	0.876272	-1.14055	1.24537	6.05698	4.3232	1	
cg07114770	PDE4D8P;PDE4D8P;PDE4DP		0.383833	0.686457	1.07747	1.07747	0.3882098	0.849956	-1.17653	0.2359377	0.7973726	-1.25431	0.8962216	1.024929	1.024929	0.318278	0.827242	-1.20884		0.123728	0.735994	-1.35871	0.452929	0.868852	-1.15094	0.168605	1.30955	1.30955	0.379215	1.18042	1.18042	1.24536	0.666775	0.475919	1	
cg05829479	C5orf141		0.383834	0.298277	0.561498	-1.78095	0.134113	0.421138	-2.37452	0.0529334	0.308053	-3.2462	0.484567	0.683706	-1.46262	0.20527	0.489005	-2.04497		0.513376	0.701304	-1.42592	0.190579	0.476185	-2.10003	0.845924	1.10976	1.10976	0.720359	1.21218	1.21218	1.24535	5.65176	4.03403	1	
cg06447369	ANKRD11		0.383834	0.9405853	1.173673	-1.82506	0.1933778	0.5145	-1.94407	0.2180872	1.21643	1.21643	0.2693542	1.2455	1.2455	0.0627	0.4110062	-2.43252	0.90456	0.912186	1.09027	1.09027	0.376188	0.498641	-2.00554	0.727889	0.425126	0.734008	0.42466	-2.42135	1.24535	11.5803	8.26561	1	
cg23630380	SRCIN1		0.383841	0.346578	0.23461	0.203461	0.0514884	0.57639	1.07639	0.233226	2.50403	2.50403	0.403245	1.87165	1.87165	0.168319	2.93246	2.93246		0.472427	1.70845	1.70845	0.0723365	4.3475	4.3475	0.613308	1.45273	1.45273	0.29111	2.23179	2.23179	1.24534	10.5921	7.56034	1	
cg22697952	FNDC3B:FNDC3B		0.383847	0.64154	0.842382	-1.18706	0.0938328	0.871281	1.14538	0.4570587	0.713711	1.40113	0.647997	0.713711	1.40113	0.647997	0.807822	-1.23779	0.500664	0.807822	-1.23779	0.500664	0.807822	-1.23779	0.500664

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg09987740	GULP1	0.384352	0.405578	1.17313	0.403072	1.17417	0.859106	1.0339	0.211303	1.28033	0.349116	1.19826	0.78229	1.05335	0.105335	0.0846763	0.659194	-1.43022	0.425634	1.15325	0.155171	1.13036	0.13836	1.24415	0.6938117	0.495701	1
cg23423230	C2CD2;C2CD2	0.384356	0.490442	1.4524	1.4524	0.844349	0.900566	-1.11041	0.508165	0.699309	-1.42998	0.468983	0.67534	-1.48074	0.151685	0.441148	-2.26681	0.0418478	0.286583	-1.48939	0.267602	0.539799	-1.85254	0.578986	1.34801	1.34801	0.494663	0.691094	-1.44698	1.24414	5.593559	3.9964	1
cg06447417	ZNF763	0.384363	0.323439	0.809229	-1.24065	0.524603	1.14606	1.14606	0.0288478	0.579884	-1.72448	0.874583	1.03396	1.03396	0.865177	1.03658	1.03658	0.43135	0.843825	-1.18508	0.938851	1.01635	1.01635	0.628712	1.10852	1.10852	0.426119	1.18747	1.18747	1.24413	0.8808891	0.629369	1
cg16189969	FAM125B	0.384364	0.39314	1.09355	0.228834	1.52836	2.52385	2.52385	0.0793479	0.48516	0.723694	1.29788	0.2989868	1.2659962	0.265962	-3.75994	-3.75994	0.384116	0.985483	-1.03473	0.421125	1.82884	1.82884	0.947985	1.04909	1.04909	0.634187	0.703194	-1.42208	1.24411	1.61316	0.739601	1
cg14115324	DUS1L	0.384371	0.211208	0.428262	-2.33502	0.534332	1.49954	1.49954	0.681342	1.30449	0.347385	1.47992	1.47992	0.0431084	0.223531	-1.47366	-1.47366	0.515154	0.667426	-1.49829	0.619036	1.72419	-1.38085	0.958992	0.967438	-1.03366	0.333791	1.8998	1.89988	1.24411	8.166667	5.83492	1
cg07816229	GEMIN5	0.384375	0.150558	1.74746	1.74746	0.831602	1.0801	1.0801	0.485441	1.29238	1.29238	0.635386	1.18867	1.18867	0.460124	1.31274	1.31274	0.924422	1.03493	1.03493	0.0181191	1.4350969	-2.38624	0.80083	0.9384477	-1.06556	0.956723	1.0980555	-1.01983	1.24411	2.752987	1.84323	1
cg07190485	STOM;STOM	0.384379	0.511519	0.765818	-1.30579	0.313254	0.658396	-1.51884	0.377417	0.695638	-1.43753	0.057394	0.422614	-2.36622	0.931253	0.9660316	-1.03518	0.322805	0.664155	-1.50567	0.823899	1.09342	1.09342	0.54724	1.28003	1.28003	0.206422	1.70576	1.70576	1.24409	3.16382	2.26052	1
cg18776793	BCR;BCR	0.384381	0.90865	0.947214	-1.05572	0.6439895	0.53538	1.02538	0.713467	1.98209	1.98209	0.93909	1.03676	1.03676	0.979745	0.9389379	-1.01206	0.947091	1.09548	1.09548	0.350462	1.57457	1.57457	0.371854	0.6458482	-1.54206	0.4409935	0.6898886	-1.44951	1.24408	4.39687	3.14153	1
cg15695045	PLEKHA6	0.384381	0.782213	1.10027	1.10027	0.186722	0.617663	-1.62036	0.2515587	0.66163	-1.51142	0.6743031	0.4663539	1.3336	1.3336	0.2484	1.3336	0.287414	1.9169	1.9169	0.363078	1.38036	0.367314	0.794756	1.894456	-1.118	0.415052	1.33281	1.33281	1.24408	2.34308	1.67411	1
cg13941987	BCORL1	0.384386	0.121918	0.0694932	-14.3899	0.879105	0.784994	-1.27389	0.98839	1.02341	1.02341	0.164385	10.5861	10.5861	0.237722	7.15004	7.15004	0.197225	0.114398	-8.7414	0.761915	0.6167762	-1.62137	0.889925	1.24637	1.24637	0.313744	0.190699	-5.24387	1.24407	49.8398	35.6105	1
cg05483487	B4GALNT3	0.384387	0.622789	1.73852	1.73852	0.575448	0.3124	2.56124	0.0148624	0.3878822	1.15398	2.832061	1.745912	1.745912	0.0260809	2.8557789	2.8557789	0.363802	2.83201	1.2832	0.605872	1.74906	2.23128	1.2832	0.605872	1.74906	2.23128	1.2832	0.605872	1.74906	2.23128	0.0496965	1.057712	1.24407	24.5141	17.5154	1
cg00962799	SSX8	0.384388	0.975226	1.00712	1.00712	0.614085	1.1232	1.1232	0.208561	0.738659	-1.3538	0.9101027	1.02614	1.02614	0.407198	0.8238861	-1.21377	0.0348288	1.75424	1.75424	0.557563	1.14513	0.651715	0.9013383	-1.10941	0.622021	1.12024	1.12024	1.24407	1.0287	0.735006	1
cg01908246	SCOC	0.384389	0.180984	0.327496	-3.05347	0.329293	0.454342	-2.20584	0.190481	0.336429	2.9724	2.950732	0.389447	-2.56775	0.429437	0.529815	-1.48245	0.158015	0.397068	0.950991	-1.05163	1.58015	1.58015	0.397068	0.950991	-1.05163	1.58015	1.58015	0.397068	0.950991	-1.05163	1.58015	1.24407	1.24406	12.1653	8.692215	1
cg01396774	DIRC3	0.384393	0.940489	0.982833	-1.01747	0.585084	1.1364	1.1364	0.0778127	0.5181864	1.14812	1.48122	0.3787444	1.23298	1.2329898	0.856051	-1.16864	0.4147272	0.824206	-1.21329	0.7773703	0.6342256	-1.57672	0.719858	1.08751	1.08751	0.365117	1.24088	1.24088	1.24405	1.05976	0.75721	1
cg02697074	FAM134C;FAM134C;TUBG1	0.384404	0.235979	0.825868	-1.21085	0.208254	1.22667	1.22667	0.578693	1.09026	1.09026	0.690352	0.940174	-1.06363	0.779128	1.04427	1.04427	0.941933	0.98884	-1.01129	0.516465	0.900639	-1.10964	0.450682	1.1257	1.1257	0.0495943	1.41214	1.41214	1.24403	0.4676614	0.334121	1
cg14056942	TSC2202	0.384411	0.895404	1.03226	1.03226	0.973983	1.1079	1.1079	0.0378749	0.57889	-1.72709	0.7488009	1.78809	1.78809	0.750446	1.6664	1.6664	0.0436568	1.26309	1.26309	0.703159	1.09682	1.09682	0.846538	1.04988	1.04988	0.154386	1.16532	1.16532	1.24401	1.14797	0.820266	1
cg09361598	SLC43A2	0.384412	0.103982	0.341614	-2.92728	0.104743	0.342567	-2.91914	0.241913	0.477092	-2.09603	0.536881	0.685356	-1.45909	0.126605	0.368457	-2.71402	0.60871	0.73201	-1.3661	0.435094	1.61794	1.61794	0.942535	0.957337	-1.04452	0.810239	1.15644	1.15644	1.24401	7.19251	5.1393	1
cg08356741	ZNF534	0.384415	0.780693	1.12916	1.12916	0.140281	1.93431	1.93431	0.406229	1.44746	1.44744	0.179935	1.87061	1.87061	0.574311	1.28019	1.28019	0.576826	1.27807	1.27807	0.121156	0.4812057	-2.07812	0.569662	1.28412	1.28412	0.963877	0.6663	-1.50083	1.244	3.73184	2.66655	1
cg13821227	LOC339674	0.384421	0.932281	1.03842	1.03842	0.542008	1.31985	1.31985	0.166691	1.60697	1.6069707	0.0588839	0.576511	1.62533	1.625327	0.254	2.2548	0.294899	0.61766	-1.61901	0.657089	1.21917	1.21917	0.405272	1.45889	1.45889	0.72459	1.16988	1.1698	1.244	3.876	2.76956	1
cg06001310	ABCA5	0.38442	0.55597	0.918692	-1.0885	0.612592	0.92987	-1.07542	0.480729	0.902975	-1.10745	0.974249	0.995414	-1.00461	0.140792	0.798054	-1.25305	0.19488	0.822635	-1.21561	0.127785	1.26422	1.26422	0.252035	1.1866	1.1866	0.983775	1.0029	1.0029	1.24399	0.3994462	0.285434	1
cg13474719	ASTN1;ASTN1	0.384422	0.883951	1.04459	1.04459	0.344424	0.204778	1.70757	0.587281	1.17635	1.17635	0.882861	1.04074	1.04074	0.553744	1.19448	1.19448	0.0788979	1.78202	1.78202	0.094004	1.72346	1.72346	0.493827	1.04388	1.04388	0.122867	0.6909997	1.12571	1.12571	1.24399	1.73045	1.23648	1
cg14044916	TIMM44	0.384425	0.385042	1.88702	1.88702	0.542007	1.15654	1.15654	0.110078	0.346381	3.46181	0.0904687	3.78133	3.78133	?	?	?	0.2143194	2.54073	2.54073	0.274944	2.2477	2.2477	0.940637	0.9482282	-1.05454	0.518862	0.627188	-1.59442	1.239334	8.87027	7.15722	1
cg16268214	ARF3	0.384426	0.4765828	1.22628	1.22628	0.276911	0.842436	1.26344	0.0672104	0.6634444	1.26344	?	?	?	?	?	?	0.0542243	1.85165	1.85165	0.363008	1.37218	1.37218	0.426098	0.795557	-1.25698	0.364008	0.758239	-1.31885	1.23934	1.83746	1.11951	1
cg15262728	ITM2C;ITM2C;ITM2C	0.384428	0.302284	0.340935	-2.93311	0.225744	0.277759	-3.60024	0.222399	0.274935	-3.63722	0.700488	0.677598	-1.4758	0.155217	0.216188	-4.62561	0.486486	0.48917	-2.04428	0.0346459	0.0837297	-11.9432	0.610183	0.595867	-1.67823	0.175641	0.234547	-4.26353	1.24397	19.9768	14.2746	1
cg23527418	CDK15	0.384429	0.919287	0.931078	-1.07402	0.112401	0.29591	-3.37941	0.150159	0.337293	-2.96478	0.704725	1.30765	1.30765	0.250448	0.4290821	-2.33056	0.211249	0.39536	-2.52934	0.204888	0.388674	-2.56625	0.151562	0.338731	-2.9522	0.691599	1.32434	1.32434	1.24397	9.77972	6.98811	1
cg15855671	ARHGEF6	0.384431	0.174362	0.2128	0.2128	0.377319	0.979127	-1.02132	0.0307849	0.5788742	1.04664	1.727067	0.6454244	-1.54937	0.282582	0.4000262	-2.85647	0.11205	0.29852	-3.63307	0.0979278	0.2591373	-3.85843	0.220105	0.884612	-2.60307	1.130775	0.2981195	-3.35431	1.24397	10.8471	7.75093	1
cg18685561	I-Mar	0.384436	0.530566	1.08786	1.08786	0.310681	0.149418	1.14918	0.0715741	1.30567	1.30567	0.21887	1.18699	1.18699	0.105403	1.26426	1.26426	0.9909331	1.00151	1.00151	0.367049	0.884441	-1.1307	0.430744	1.1125	1.1125	0.401873	1.12045	1.12045	1.24396	0.3462023	0.247385	1
cg25149551	C1orf92	0.384437	0.0953361	0.491133	-2.03641	0.602972	1.38793	1.38793	0.313982	1.50057	1.50057	0.6858833	1.854023	1.17093	0.6745854	1.04302	1.04302	0.576826	0.683302	-1.46378	0.548249	0.790741	-1.26464	0.872307	1.15355	1.15355	0.222615	1.64817	1.64817	1.24395	2.96624	2.11958	1
cg20.998519	ZMYND8;ZMYND8;ZMYND8	0.384443	0.0923778	0.453308	-2.206	0.109038	0.476436	-2.10955	0.303759	0.634471	-1.57612	?	?	?	?	?	?	0.2186298	0.4613356	2.16752	0.887178	0.938415	-1.06563	0.24736	0.956532	-1.67636	0.691957	0.843583	-1.18542	0.810914	1.90569	2.10413	1.2393	1.13814	2.5685	1
cg18025961	PRKCZ;PRKCZ;PRKCZ	0.384445	0.313819	0.834018	-1.19901	0.316185	1.52871	1.52871	0.904513	1.02113	1.02113	0.283513	0.823546	-1.21426	0.852226	1.03302	1.03302	0.792708	1.04696	1.04696	0.554771	1.1097	1.1097	0.883538	1.02587	1.02587	0.40136	0.861004	-1.16143	1.24392	0.5986061	0.427366	1
cg20609036	LIFR;LIFR	0.384457	0.704972	1.06387	1.06387	0.0814871	0.144174	1.14479	0.537343	1.10746	1.10746	0.677448	1.05464	1.05464	0.0204774	0.553744	1.19448	1.19448	1.19448	1.19448	0.0788979	1.78202	1.78202	0.094004	0.5533434	1.19448	1.19448	0.0788979	1.78202	1.78202	0.094004	0.5533434	1.19448	1.24391	0.521387	1.16875	1.24391	0.372925	1
cg15692862	SIK3	0.384463	0.436185	0.756976	-1.32105	0.102535	0.140506	1.83514	0.187043	0.103093	0.532144	-1.87919	0.939362	0.973687	-1.02702	0.431517	0.75474	-1.32496	0.538819	0.804044	-1.24371	0.326941	1.42576	0.454027	0.765433	-1.30645	0.826914	0.926117	-1.07978	1.24389	2.42012	1.72943	1
cg05108547	TAP2;TAP2	0.384465	0.389113	1.23494	1.23494	0.0812284	0.315	1.51335	0.0128987	0.2985349	1.46115	2.0674257	0.3834543	1.93137	0.6858328	1.1836	1.1836	0.2739828	1.23228	1.23228	0.4161051	0.836095	-1.19488	0.49327	0.851005	-1.17508	0.6216748	0.765482	-1.30637	1.24388	1.02606	0.705812	1
cg25776555	ZNF614	0.384467	0.300031	0.850974	-1.17512	0.653398	1.07028	1.07028	0.991227	1.00165	1.00165	0.679456	0.939477	-1.06442	0.0785473	1.34124	1.34124	0.298818	0.850604	-1.17564	0.9284	0.9865861	-1.0136	0.81231	0.964889	-1.03639	0.112825	1.29607	1.29607	1.24388	0.4447779	0.317844	1
cg14252602	ZNF43	0.384473	0.130532	0.365645	-2.7349	0.805366	0.858891	-1.16429	0.82887	0.875845	-1.14175	0.236992	0.460098	-2.14547	0.106344	2.96399	2.96399	0.753729	1.21037	1.21037	0.508129	1.51232	1.51232	0.379522	0.573815	-1.74272	0.409838	1.68089	1.68089	1.24387	7.47864	5.34406	1
cg14018140	DPZC	0.384488	0.0820102	0.431584	-2.31705	0.0776319	0.158324	-2.00672	0.104405	0.2123	-3.98042	0.3131317	0.4583528	-2.18184	0.1026707	0.2644534	-5.44937	0.2825582	0.4000262	-2.85647	0.1005	0.2982	-3.63307	0.0979278	0.250173	-3.98483	0.2225	0.4913	-2.03551	1.24387	1.24081	11.9346	8.52906	1
cg16118379	MTOR	0.384495	0.150188	0.295683	-3.382	0.981364	1.01862	1.01862	0.602815	1.51395	1.51395	0.606719	0.663528	-1.50709	0.266712	0.4008664	-2.49461	0.265194	0.399603	-2.50248	0.0463182	0.16478	-6.06868	0.189172	0.333265	-3.00061	0.559544	0.627422	-1.59382	1.24381	12.2932	8.78534	1
cg26135938	SYPL1;SYPL1	0.384501	0.619586	0.895669	-1.11636	0.410645	1.14482	1.14482	0.0882023	0.50558	1.50558	0.39388	0.826486	-1.20959	0.0760204	0.6504844	-1.53755	0.7780009	0.929779	-1.07552	0.448366	0.6962296	-1.43652	0.722745	1.16762	1.16762	0.178448	1.00916	1.2438	1.24378	0.8394701	0.6679888	1
cg12457210	ZNF252;C8orf77	0.384506	0.715036	1.15709	1.15709	0.398013	1.40912	1.40912	0.233003	1.6448	1.6448	0.119595	1.95829	1.95829	0.420875	0.720935	-1.38709	0.997414	1.00129	1.00129	0.950593	0.9481961	-2.07486	0.60107	0.83899	-1.19191	0.905675	1.0483	1.0483	1.24379	1.11908	2.22908	1
cg20906767	DNAJB11	0.384507	0.269087	0.6506	-1.53704	0.335678	0.690201	-1.44885	0.466126	1.31915	1.31915	0.720343	1.14369	1.14369	0.0636543	0.458998	-2.17866	0.679842	0.856432	-1.16764	0.894138	1.05098	1.05098	0.735644	1.13492	1.13492	0.105726	0.516858	-1.93477	1.24379	2.74766	1.96365	1
cg22549231	GRHL1	0.384516	0.195596	-2.00523	-2.00523	0.0776774	0.199797	-2.35952	0.0388197	-1.16525	0.238785	0.7597897	0.8540423	-1.17093	0.6745854	1.04302	1.04302	0.616077	0.885663	-1.1291	0.817737	1.05712	1.05712	0.312959	0.776633	-1.28595	0.206887	0.768155	-1.30182	1.24376	0.8394701	0.6679888	1
cg07397481	PLCG2	0.384523	0.76286	0.907423	-1.10202	0.435733	0.7747	-1.29082	0.0618008	0.509023	-1.96455	0.823756	1.07424	1.07424	0.139261	0.599986	-1.6667	0.85878	1.05884	1.05884	0.247975	1.47364	1.47364	0.368954	0.743617	-1.34478	0.309036	0.754123	-1.32604	1.24375	2.03011	1.45088	1
cg06726602	APLP1;AAPK1	0.384525	0.917732	1.03435	1.03435	0.207728	0.88056	-1.08666	0.3512756	0.79376	0.793756	0.824738	1.0853	1.0853	0.400947	0.9214811	-1.08525	0.998017	1.00125	1.00125	0.974728	0.9708375	-1.03027	0.970978	0.984612	-2.60307	1.130775	0.2981195	-3.35431	1.24397	10.8471	7.75093	1
cg01774705	MYBBP1A;MYBBP1A	0.384524	0.270436	2.33734	2.33734	0.0473094	5.3609	3.1609	0.0518556	5.13963	5.13963	0.994069	0.994516	-1.00551	0.787406	1.2214	1.2214	0.880733	1.11749	1.11749	0.434265	1.80457	1.80457	0.400201	1.89112	1.89112	0.919923	1.07724	1.07724	1.24375	10.7838	7.70702	1
cg01436868	DPP8;DPP8	0.384527	0.315186	0.587017	-1.70277	0.655128	1.34649	1.34649	0.0229776	0.45739	2.45739	0.787912	1.15081	1.15081	0.0854023	1.770393	1.770393	0.614084	1.15382	1.15382	0.0588498	1.93283	1.93283	0.0588498	1.93283	1.93283	0.0588498	1.93283	1.93283	1.24375	1.82261	1.35474	1.54687	3.87214	2.66655	1
cg26159922	KRTAP10-4;C21orf2;KRTAP10-4	0.384536	0.405259	0.735857	-1.35896	0.515054	1.26842	1.26842	0.976728	0.8064557	-1.01056	0.877868	0.8603112	-1.16237	0.201667	0.7615296	-1.62533	0.783973	0.905756	-1.10405	0.450795	0.8344645	0.5615875	-1.78045	0.833447	0.926956	-1.0798	0.14372	0.7082372	2.5557	1.82656	1
cg03609269	SCP2;SCP2;SCP2;SCP2	0.384541	0.106362	0.826066	-1.21056	0.856989	0.980643	-1.01974	0.605421	1.0581	1.0581	0.458182	0.921402	-1.0853	0.512056	1.07472	1.07472	0.270845	0.883178	-1.13227	0.738508	1.03697	1.03697	0.870722	0.982506	-1.01781	0.0858471	1.22839	1.22839	1.24371	0.2312972	0.165309	1
cg06299391	OBFC1	0.384544	0.264653	1.58401	1.58401	0.145795	0.947972	1.218	0.264256	0.6854648	-1.45886	0.722535	1.1267	1.1267	0.0739744	1.425094	1.425094	0.16781	1.66125	1.66125	0.472259	1.16781	1.16781	0.425094	0.7963565	-1.30262	0.4349772	0.772194	-1.29501	1.24371	2.07472	1.48282	1
cg26514117	MIR181D;MIR181C	0.384545	0.368893	0.675648	-1.48006	0.993317	0.996448	-1.00356	0.620903	0.809122	-1.23591	0.721576	1.16418	1.16418	0.0250917	0.322371	1.31201	0.961566	0.979735	-1.02068	0.267667	0.567962	-1.76068	0.488998	1.348	1.348	0.882763	0.939233	-1.0647	1.24371	3.55539	2.54106	1
cg24844295	RPTOR;RPTOR	0.384554	0.976589	0.975	-1.02515	0.277666	0.449007	-2.22645	0.0133388	0.2635924	0.394652	-2.53388	0.3179595	0.345128	0.147515	0.3494848	-2.86404	0.7010658	0.97944	-1.02123	0.945417	0.9465128	-1.05806	0.894492	4.2354	4.2354	0.59487	1.52965	1.52965	1.24371	2.13222	1.82562	1
cg10881774	NBG	0.384547	0.46596	1.09204	1.09204	0.883411	0.982128	-1.0182	0.0879734	1.26037	1.26037	0.759963	1.03838	1.03838	0.595312	1.0681	1.0681	0.643621	1.05893	1.05893	0.166804	0.8350351	-1.19755	0.16597	0.83542	-1.197	0.436487	1.10248	1.10248	1.2437	0.2974911	0.212621	1
cg05001758	CENPL;DARS2;CENPL;CENPL;DARS2	0.384548	0.412059	1.37393	-2.67425	?	?	?	0.179984	0.174675	-5.72492	0.519138	0.4680262	-2.13647	?	?	?	?	?	?	0.526291	2.10743	2.10743	0.282905	3.79185	3.79185	1.39525	13.9909	8.02199	1
cg09353482	APBA2;APBA2	0.384549	0.90337	1.02307	1.02307	0.553525	0.4651	2.15065	1.202886	1.202886	0.1231	2.31604	1.51604	1.51604	0.283125	2.151056	2.151056	0.6926203	1.44383	1.44383	0.0156	2.28325	2.15056	0.6926203	1.44383	1.44383	0.0156	2.28325	2.15056	0.6926203	1.44383	1.44383	0.0156	2.28325	2.15056	1.24371	1.24371	1.24371

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20200035	BRAF	0.384903	0.882079	1.02448	1.02448	0.863196	0.972295	-1.02849	0.21115	1.23939	1.23939	0.404106	1.14921	1.14921	0.174509	0.790337	-1.26528	0.0953641	0.741936	-1.34783	0.241688	0.819025	-1.22096	0.68738	1.06812	1.06812	0.897118	1.0213	1.0213	1.24287	0.522409	0.373621	1
cg14245347	HLA-H	0.384908	0.0344227	15.3636	15.3636	0.660246	0.612716	-1.63208	0.951756	0.935192	-1.0693	0.516905	2.07032	2.07032	0.900904	1.14792	1.14792	0.234953	3.96918	3.96918	0.240749	3.89638	3.89638	0.836893	0.795902	-1.25644	0.193763	4.58447	4.58447	1.24286	24.1392	17.2642	1
cg23694882	SAMD13;SAMD13	0.384916	0.247558	0.607958	-1.64485	0.149556	0.529379	-1.88901	0.0591527	0.416004	-2.40382	0.441239	0.723782	-1.38163	0.817835	1.09963	1.09963	0.795921	1.11259	1.11259	0.111409	0.489795	-2.04167	0.889409	1.05894	1.05894	0.74736	0.875428	-1.1423	1.24284	3.33538	2.38548	1
cg23050079	LY9;LY9	0.384919	0.168863	0.277926	-3.59808	0.26905	0.365908	-2.73292	0.624624	0.650037	-1.53837	0.390194	0.463459	-2.15769	0.0586415	0.154793	-6.46024	0.214334	0.319233	-3.13251	0.183295	0.291363	-3.43214	0.0923264	0.198269	-5.04365	0.539921	0.58159	-1.71943	1.24284	15.016	10.7396	1
cg23848712	GNRH2;GNRH2;GNRH2	0.384921	0.787688	0.834786	-1.19791	0.0518792	4.39237	4.39237	0.0522762	4.37848	4.37848	0.916669	1.07252	1.07252	0.827713	0.864323	-1.15697	0.681515	0.758775	-1.31791	0.923529	1.06634	1.06634	0.797115	0.841691	-1.18808	0.731855	1.25873	1.25873	1.24283	8.80889	6.30024	1
cg10785051	TCF7;TCF7;TCF7;TCF7;TCF7	0.384925	0.683486	0.769446	-1.29964	0.119748	2.94252	2.94252	0.326037	1.91235	1.91235	0.180605	2.48175	2.48175	0.560537	0.686403	-1.45687	0.717977	0.793034	-1.26098	0.596679	0.710739	-1.40699	0.393506	0.571877	-1.74863	0.154452	2.64993	2.64993	1.24282	8.04619	5.75478	1
cg00209951	DENND2C	0.384927	0.119341	1.32945	1.32945	0.876424	0.974123	-1.02656	0.286302	1.20509	1.20509	0.0759471	0.716955	-1.39479	0.775054	1.04946	1.04946	0.686997	1.07063	1.07063	0.595856	1.09437	1.09437	0.5442	0.90175	-1.10895	0.382321	1.16294	1.16294	1.24282	0.558708	0.3996	1
cg06062848	ZCCHC2	0.38493	0.600766	1.31153	1.31153	0.256317	1.83781	1.83781	0.0205917	4.18897	4.18897	0.740889	1.18583	1.18583	0.545499	1.36922	1.36922	0.59738	0.760509	-1.31491	0.487603	1.43651	1.43651	0.247738	1.86019	1.86019	0.614215	1.2983	1.2983	1.24281	5.19258	3.71386	1
cg13148076	PATZ1;PATZ1;PATZ1;PATZ1	0.38493	0.964191	0.993231	-1.00682	0.92535	0.985922	-1.01428	0.175527	1.24351	1.24351	0.433368	0.886077	-1.12857	0.579657	0.918839	-1.08833	0.982573	0.996701	-1.00331	0.0312172	0.682182	-1.46588	0.679637	0.939109	-1.06484	0.42076	0.882993	-1.13251	1.24281	0.450529	0.32223	1
cg01737828	COX5A	0.384932	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19866594	KCNB2	0.384933	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg03460534	MACROD1	0.384944	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02480419	OTUD5;OTUD5;OTUD5;OTUD5	0.384947	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26489413	AMPD3;AMPD3;AMPD3;AMPD3	0.384948	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04241286	FOXN4	0.38498	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06613480	SOX2OT	0.384988	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg05312779	ANPEP	0.384993	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14451560	ARRDC1	0.385005	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01459748	HTR3B	0.38501	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01925633	EPB41;EPB41;EPB41;EPB41;EPB41;EPB41	0.385014	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08981648	NGEF;NGEF	0.385014	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22849672	BRP44L	0.385025	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25451082	ARSJ	0.385027	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15831212	PFDN1	0.385033	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09380688	C14orf73	0.385036	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08532998	DAZAP1;DAZAP1	0.385038	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00502665	ZNF667;ZNF667	0.385046	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21378715	PPM1H	0.385049	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19062189	TMSB15A;TMSB15A	0.385051	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22200330	DNER	0.385053	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26333342	NFKBIL1;NFKBIL1;NFKBIL1;NFKBIL1	0.38506	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22681190	ALPL	0.385065	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10816863	EIF2S1	0.385066	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11974158	ATRNL1	0.385071	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17337874	TTYH3	0.385071	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19063856	RAPGEFL1	0.385078	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10873964	XIAP	0.385079	?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26059292	ADARB2	0.385089	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21129864	ASAP2;ASAP2	0.385098	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25806609	WASF1;WASF1;WASF1;WASF1;CDC40;WASF1;WASF1;WASF1;WASF1	0.385098	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17268801	ZNF254	0.385099	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09406760	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.385104	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09446995	FKBP4	0.385107	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04103918	PLD2	0.385118	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21978694	BCAM;BCAM	0.385123	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11164860	WHSC2	0.385124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12968685	LDLRAD3	0.385124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22482381	MGEA5;MGEA5;MGEA5;MGEA5	0.385127	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00484488	ADPGK;ADPGK;ADPGK	0.385159	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15486740	ACOT13;TTRAP;ACOT13;ACOT13;ACOT13	0.385164	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26640515	C6orf192	0.385164	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04925196	POU6F1;POU6F1	0.385164	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11150191	FAM181A;C14orf86	0.385165	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01553616	ODF1	0.385168	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15491432	TBC1D19	0.385177	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08874821	ZNF674;LOC401588;ZNF674	0.385183	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20226764	MLN;MLN	0.385185	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19219577	MYOCD;MYOCD;MYOCD;MYOCD	0.385192	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19696622	RPS6KA3	0.38521	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08239804	SGK1;SGK1;SGK1	0.385222	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg04775631	KANK2;KANK2	0.385222	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10488340	CBFB;CBFB	0.385227	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07509167	ARHGEF10	0.385237	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg21302951	KCNH7;KCNH7	0.38524	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06215798	PBX1	0.385244	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02629976	TMEM198	0.38526	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24454109	FGF19	0.385262	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg17777561	FXR2;SHBG	0.385269	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12594467	CPEB2;CPEB2	0.385271	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20679082	ABR;ABR	0.385272	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12026095	FTL	0.385273	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18443629	GALR1	0.385275	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19090761	KCNA6;KCNA6	0.385278	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08220966	MMRN2;SNCG;MMRN2	0.385288	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01616745	OSBPL6	0.385295	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11028563	BAT2	0.385295	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12777520	LMX1B	0.385304	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02345247	ADAMTS17	0.385307	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20094784	COBL	0.385308	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00260634	FEV	0.385309	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg09697800	TGFBR1;TGFBR1	0.385313	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06651838	COL4A2	0.385315	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20487152	FARP1	0.38532	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16404157	CLEC14A	0.385324	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02091716	RTN1	0.385325	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26251069	C18orf56;TYMS;TYMS	0.385327	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16803817	TMEM50B	0.385339	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00906428	ZNF638;ZNF638	0.385341	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14416293	ZFYVE28	0.385343	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25150238	CDK14	0.385344	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13784283	RXRB	0.385348	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11978387	PFDN4	0.38535	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18403317	CXorf22	0.385356	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg10533331	RASGRP1;RASGRP1	0.385368	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18791923	MRPL33;MRPL33	0.385379	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg22566518	SIRT6;ANKRD24	0.385381	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg06096427	PIGG;PIGG	0.385385	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02194717	SHANK2;SHANK2	0.385386	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24312520	STAT3;STAT3;STAT3	0.385387	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg18858331	PCDHGA4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA9;PCDHGA1;PCDHGB1;PCDHGB6;PCDHGC3;PCDHGB3;PCDH	0.385388	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20770339	ISM1	0.385392	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg25550425	ADAMTS2;ADAMTS2	0.385397	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11813497	FRMD4A	0.385398	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24513224	GAS7	0.385399	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg01982170	MYRIP	0.385405	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15823859	LOC645323;LOC645323;LOC645323	0.385406	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07517944	GLDN;GLDN	0.38541	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20069408	TSNARE1	0.385426	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11222217	CASZ1;CASZ1	0.385428	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02190746	ASB13;ASB13	0.38543	?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20126158	6-Mar	0.385434	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg19308365	DNAJC24;DCDC1;DCDC1	0.38544	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg00624799	ZNF710	0.385445	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27370991	NTHL1	0.385446	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13085681	UBE2V2	0.385451	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg27505748	FGFRL1;FGFRL1;FGFRL1	0.385455	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg12897947	TMC6;TMC6	0.385462	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11455018	SRCAP	0.385466	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg15280964	RBM34;RBM34;RBM34	0.385478	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg13280741	PDE4D;PDE4D;PDE4D	0.385486	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26269653	PAXIP1;LOC202781	0.385495	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg24363621	SNORD115-9;SNORD115-10;SNORD115-5;SNORD115-12	0.385498	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg07369569	HMGCLL1;HMGCLL1	0.385501	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg26180209	CXorf39	0.385516	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08425402	LOC645332	0.385518	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg23856762	TCERG1L	0.385518	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg11480762	SLC29A3	0.385522	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg08236022	GNG11	0.385537	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16122819	HEATR2	0.385542	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg02298831	MIR548F5;DCLK1	0.385542	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg16565161	RUSC1;RUSC1;C1orf104;RUSC1;RUSC1	0.385557	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg14521421	ST5	0.385558	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
cg20251241	TOX4	0.38556	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg02053896	SLC7A5;SLC7A5	0.385563	0.0512802	0.362757	-2.75667	0.267063	1.69608	1.69608	0.488652	1.3791	1.3791	0.435585	1.43383	1.43383	0.98659	0.99235	-1.60271	0.215697	0.555351	-1.81373	0.561092	1.30727	1.30727	0.874622	0.93039	-1.07482	0.990867	1.00524	1.00524	1.24134	4.1046	2.93918	1
cg26571926	RERE;RERE	0.385565	0.512334	0.845504	-1.18273	0.50417	0.84267	-1.1867	0.359044	0.788066	-1.26393	0.792537	0.308957	1.30957	1.30957	0.156732	0.688442	-1.45255	0.331486	1.28794	0.154128	1.47004	1.47004	0.837985	0.949608	-1.05307	0.317819	0.770457	-1.29793	1.24134	1.29553	0.897903	1
cg25463963	PRKD2;PRKD2;PRKD2;PRKD2	0.385568	0.434745	0.861551	-1.1607	0.426014	1.16415	1.16415	0.497917	0.879272	-1.1373	0.215323	0.783594	-1.27617	0.0420064	0.645232	-1.54983	0.957031	1.01013	1.01013	0.571488	1.11285	1.11285	0.431806	1.16185	1.16185	0.908782	0.978797	-1.02166	1.24133	0.687364	0.492205	1
cg20612230	EZF3	0.385569	0.78006	0.901697	-1.10902	0.948593	1.02432	1.02432	0.0318854	1.93472E-2	-2.53341	0.117182	0.533083	-1.87588	0.89159	1.0517	1.0517	0.648307	1.18501	1.18501	0.572149	1.23492	1.23492	0.636509	0.839647	-1.1924	0.824727	1.08545	1.08545	1.24133	2.68626	1.92357	1
cg22109530	RASAL2;RASAL2	0.385582	0.719362	1.16203	1.16203	1.07435	0.473555	-2.11169	0.421171	0.709797	-1.40885	0.742912	0.87204	-1.14674	0.572841	0.788775	-1.26779	0.4943	1.33543	1.33543	0.914199	0.956177	-1.04583	0.178245	1.82267	1.82267	0.123303	0.495223	-2.01929	1.26806	3.39863	2.08458	1
cg00282347	CHD5	0.385589	0.60071	0.817934	-1.22299	0.609256	0.821856	-1.21676	0.669936	1.17724	1.17724	0.161312	1.76702	1.76702	0.530097	0.780201	-1.27987	0.342109	1.47337	1.47337	0.0642333	0.45323	-2.20638	0.586323	1.23258	1.23258	0.503384	0.772253	-1.29491	1.24126	2.84723	2.03894	1
cg19497071	ETFB;ETFB	0.3856	0.560851	0.895856	-1.11625	0.082362	0.697768	-1.43314	0.434364	1.16087	1.16087	0.864839	1.03237	1.03237	0.474885	0.872933	-1.14556	0.605571	1.10232	1.10232	0.0770433	0.692341	-1.44437	0.81868	0.962596	-1.03886	0.454954	1.15295	1.15295	1.24126	0.687547	0.492366	1
cg21762122	CCNB1	0.385604	0.208624	0.479361	-2.11709	0.470659	2.15816	2.15816	0.221342	2.0667	2.0667	0.318223	0.558458	1.79065	0.662133	1.28183	1.28183	0.53779	1.42235	1.42235	0.914281	1.42641	1.42641	0.747961	2.40305	2.40305	0.565403	1.3884	1.3884	1.24124	6.26902	4.48942	1
cg23838859	RPL21P44	0.385611	0.319947	0.774976	-1.29036	0.988015	0.996281	-1.00373	0.442359	1.24446	-1.21466	0.281978	1.26196	1.3196	0.0477221	1.56435	-1.77106	0.644458	1.12217	1.12217	0.631814	1.12722	1.12722	0.455635	1.20741	1.20741	0.642924	1.12278	1.12278	1.24124	1.20951	0.866166	1
cg14661813	11-Sep	0.385621	0.312807	1.8115	1.8115	0.960142	1.02885	1.02885	0.0772675	3.05818	3.05818	0.241699	0.497884	-2.0085	0.541463	0.703445	-1.42157	0.264338	0.515771	-1.93885	0.477966	1.50766	1.50766	0.360964	1.70649	1.70649	0.78859	1.16526	1.16526	1.24121	6.3665	4.55935	1
cg17540765	RECQL5;LOC643008;LOC643008	0.385621	0.519476	1.42952	1.42952	1.07226	1.18244	1.18244	0.274795	1.92E-2	1.84866	-1.17832	0.228619	1.99385	1.49385	0.0940015	-1.72293	0.396276	1.59815	1.59815	0.0793127	2.86137	2.86137	0.0199642	2.07702	2.07702	0.164024	2.22883	2.22883	1.24121	5.72613	4.33075	1
cg01374565	GDPD5	0.385624	0.882355	1.02609	1.02609	0.218473	0.798415	-1.25248	0.679884	1.07483	1.07483	0.190483	0.785742	-1.27268	0.818207	0.9639	-1.03745	0.297445	0.828723	-1.20668	0.313462	0.75463	-1.32515	0.162365	1.2962	1.2962	0.70152	1.06927	1.06927	1.2412	0.59466	0.425867	1
cg05907136	FAM127C	0.385635	0.0601092	0.0281146	-55.2042	0.802844	0.0127703	-1.6059	0.550658	0.546805	-1.82881	0.255653	0.459193	0.459193	0.616047	2.6048	2.6048	0.203798	0.0788933	12.6753	0.392058	6.70158	6.563152	0.24075	3.02475	0.044768	1.14013	1.14013	1.24118	10.4798	50.4752	1
cg01590359	MAP3K12	0.385638	0.387222	1.1914	1.1914	0.970232	1.0074	1.0074	0.365011	0.833346	-1.19998	0.598482	1.11071	1.11071	0.690908	1.08217	1.08217	0.685327	1.08382	1.08382	0.0192176	1.75015	1.75015	0.944358	0.986303	-1.01389	0.865245	0.966996	-1.03413	1.24117	0.767488	0.549652	1
cg03405473	ARSI	0.385638	0.167116	0.387055	-2.58361	0.468563	0.621706	-1.60848	0.815997	1.1621	1.1621	0.753877	0.816518	-1.22471	0.0591838	0.253354	-3.94705	0.358007	0.543791	-1.83894	0.126866	0.345021	-2.89838	0.482616	0.593762	-1.68418	0.124198	0.342011	-2.92388	1.24117	8.16498	5.84751	1
cg27429627	RFAP2;GLMN	0.385644	0.764403	1.08455	1.08455	0.552975	0.898098	-1.11346	0.0486987	1.49655	1.49655	0.158077	0.763198	-1.31028	0.610587	1.0988	1.0988	0.608868	0.911755	-1.09679	0.466435	0.875737	-1.14192	0.573085	0.903062	-1.10734	0.47401	0.877994	-1.13896	1.24117	0.302652	0.451417	1
cg07091552	UCP3;UCP3	0.385654	0.675425	0.898537	-1.11292	0.237898	0.730444	-1.36903	0.763871	0.926315	-1.07955	0.399213	1.24516	1.24516	0.685388	0.901698	-1.10902	0.686794	1.10925	1.10925	0.0378425	1.84376	1.84376	0.599927	1.14392	1.14392	0.349223	1.2774	1.2774	1.24113	1.26878	0.90869	1
cg15912147	OR5A1	0.385665	0.492181	1.94538	1.94538	0.569121	1.71373	1.71373	0.420384	0.455794	-2.15397	0.678624	1.48827	1.48827	0.111199	0.190931	-5.23748	0.858938	1.18503	1.18503	0.2861988	0.344607	-2.87624	0.101999	0.182507	-5.47925	0.400431	0.273562	2.27562	1.24111	17.9009	12.8203	1
cg09155219	MDGA2	0.385673	0.982484	1.00348	1.00348	0.835502	1.03184	1.03184	0.15804	0.787599	-1.26968	0.0664809	0.752115	-1.38482	0.615576	1.07841	1.07841	0.445217	0.884164	-1.13101	0.159359	0.788275	-1.26859	0.420847	0.878613	-1.13894	0.444584	1.13137	1.24109	0.491925	0.352125	1
cg25949661	SETD7	0.385674	0.505971	0.898841	-1.11254	0.684409	0.937463	-1.06671	7	7	7	0.730056	0.946733	-1.05626	0.358314	1.16099	1.16099	0.889633	1.02218	1.02218	0.0503163	0.702866	-1.42275	0.466002	0.889374	-1.12439	0.250157	1.20914	1.20914	1.23638	0.4346884	0.351577	1
cg15616179	XRCC3;XRCC3;ZFYVE21;XRCC3	0.385678	0.932458	0.980702	1.01653	0.0728	1.12301	1.12301	0.123087	0.724092	-1.38104	0.294531	1.2953	1.2953	0.830494	0.959417	-1.0423	0.497373	0.875331	-1.14242	0.233507	0.771521	-1.29614	0.756136	1.06205	1.06205	0.144321	1.15402	1.15402	1.24108	0.734123	0.525796	1
cg10718130	OGAT1	0.385681	0.733499	1.17549	1.17549	0.581093	0.72549	-1.37845	0.275459	0.188938	1.93358	0.79781	1.12914	1.12914	0.5326	1.34856	1.34856	0.96916	0.981875	-1.01846	0.102089	2.33155	2.33155	0.111061	2.27345	2.27345	0.409009	1.4911	1.4911	1.24107	4.39964	3.15115	1
cg20692140	VSIG10L	0.385683	0.285609	0.648121	-2.08283	0.453607	0.602849	-1.65972	0.396554	0.840795	-1.18962	0.440154	0.490745	-2.04548	0.0196325	0.400143	-2.49909	0.0446178	0.0288417	-4.47212	0.0188127	0.642924	0.794321	1.3806	0.357115	1.2125	1.2125	0.149843	0.359559	-2.78201	1.24107	8.4477	6.1895	1
cg26860209	PTPRO;PTPRO	0.385685	0.616831	1.00962	1.00962	0.319077	0.823794	-1.21389	0.617647	1.09937	1.09937	0.941255	1.01397	1.01397	0.0404869	1.56113	1.56113	0.328181	1.20923	1.20923	0.11948	1.37442	1.37442	0.613926	1.10049	1.10049	0.714343	1.07165	1.07165	1.24106	0.69651	0.498862	1
cg14372466	TGIF1;TGIF1	0.385686	0.725486	0.950197	-1.05241	0.621922	1.07469	1.07469	0.606813	1.07813	1.07813	0.881489	0.978679	-1.02179	0.209219	1.21143	1.21143	0.782451	1.04093	1.04093	0.0364401	0.703024	-1.42243	0.683004	0.942237	-1.0613	0.363211	1.14501	1.14501	1.24106	0.412747	0.295624	1
cg26384440	GPT2;GPT2;GPT2	0.385689	0.319872	1.54815	1.54815	0.974057	0.936422	1.13153	0.750013	1.13907	1.13907	0.0705197	0.722668	1.38408	0.82413	1.1907	1.1907	0.791577	1.0845	1.0845	0.0197951	1.59704	1.59704	0.824313	1.1931	1.1931	0.542055	1.44206	1.44206	0.883943	1.35344	1.24105	3.55907	2.54599	1
cg02527346	KLHL22	0.385698	0.347505	0.722688	-1.38372	0.662008	0.862699	-1.15915	0.938992	1.02603	1.02603	0.746799	1.1149	1.1149	0.486572	0.788706	-1.2679	0.117044	0.564587	-1.77121	0.0481064	0.468374	-2.13505	0.299186	0.696788	-1.43536	0.151684	0.55707	-1.67485	1.24103	2.21579	1.58706	1
cg22735222	KIF3B	0.385705	0.26293	0.535785	1.86242	0.726804	1.03934	1.03934	0.823744	0.455794	-2.15397	0.678624	1.47511	1.47511	0.0995931	0.510005	-1.96003	0.0537234	0.31065	-3.21936	0.0159546	0.447326	0.977766	1.4735	0.447822	0.921417	-1.08529	1.24101	5.5096	4.0377	1
cg16402758	FBLN1	0.385707	0.816216	1.28223	1.28223	0.0818692	0.145554	0.814555	0.143935	5.37623	5.37623	0.704921	0.66108	-1.51268	0.215827	1.2424919	1.42509	0.688011	0.644593	-1.55137	0.289664	0.30252	-3.30657	0.172357	0.73514	1.35114	0.896271	0.867709	-1.15246	1.24101	23.2609	16.6609	1
cg16692439	ASPHD2	0.385712	0.780198	0.813133	-1.22981	0.218899	2.60159	2.60159	0.270618	2.33527	2.33527	0.681533	0.757045	-1.35677	0.0557474	0.20135	-4.96647	0.617321	0.689021	-1.45133	0.782587	0.815021	-1.22696	0.297578	2.22214	2.22214	0.899254	0.910595	-1.09818	1.241	10.7463	7.69726	1
cg29727687	NGEF;NGEF	0.385715	0.271654	2.10896	2.10896	0.0722624	1.77564	1.77564	0.822783	1.16933	1.16933	0.715752	0.834647	-1.19827	0.0810193	1.15752	1.15752	0.479328	0.749351	-1.33407	0.47167	0.69775	1.43296	2.23232	0.0563107	2.45619	1.3392	1.3392	0.858721	1.1232	1.1232	1.2409	8.35743	5.75862	1
cg15448245	GGT5;GGT5;GGT5	0.385716	0.616573	0.88802	-1.12511	0.391604	1.22747	1.22747	0.0518267	0.596489	-1.67648	0.209037	0.704032	-1.36234	0.345085	0.796863	-1.25492	0.763605	0.931993	-1.07297	0.856704	1.04311	1.04311	0.125609	0.679063	-1.47262	0.657275	0.900984	-1.1099	1.24099	1.07165	0.767592	1
cg03444479	DCP1A	0.385719	0.351333	1.08144	1.08144	0.881978	0.72135	-1.38625	0.0202853	1.18822	1.18822	0.0678788	1.10319	1.10319	0.0174205	1.35552	1.35552	0.702845	1.08935	1.08935	0.516456	1.17173	1.17173	0.489495	1.22002	1.22002	0.766936	1.09011	1.09011	1.07955	1.24103	0.849677	0.635858	1
cg01075559	MMEL1	0.385722	0.447858	0.783619	-1.27613	0.890204	1.0445	1.0445	0.26202	1.44581	1.44581	0.928401	1.02873	1.02873	0.628321	1.16622	1.16622	0.236575	1.47833	1.47833	0.0294549	2.24407	2.24407	0.914054	2.96542	-1.03462	0.687181	1.8802	1.8802	1.24098	1.41982	1.13641	0.998	1.25982	1.39881	1
cg27373063	RADS1;RADS1;RADS1;RADS1	0.385741	0.0321622	0.426854	-2.34272	0.142124	0.585439	-1.70812	0.818966	0.925173	-1.08088	0.639241	1.17371	1.17371	0.141388	0.704135	-1.42048	0.788764	1.09538	1.09538	0.0932702	1.07597	-1.00297	0.745112	1.11702	1.11702	0.505342	1.09509	-1.25772	1.24093	2.26199	1.62028	1
cg26986194	PDE7A	0.385745	0.631751	1.08473	1.08473	0.858095	1.16557	1.16557	0.32237	1.03706	1.03706	0.0640756	0.740756	-1.23883	0.0188899	1.03389	1.03389	0.521193	1.13706	1.13706	0.0264502	1.49007	1.49007	0.0304489	1.49007	1.49007	0.0304489	1.20411	1.20411	1.24093	0.766936	0.549666	1
cg26237697	MIR365-2	0.385746	0.963117	0.960591	-1.04103	0.0776229	0.50327	0.50327	0.270564	2.71124	2.71124	0.640101	0.476024	-2.10073	0.727794	0.737996	-1.35502	0.722984	0.733843	-1.36269	0.118438	0.229052	-4.36582	0.990636	1.01026	1.01026	0.500304	0.551643	-1.81277	1.24092	14.8576	10.6427	1
cg19183642	KLHL24	0.385747	0.078877	0.0911	10.9744	0.0749551	1.25	-1.05714	0.751305	1.02895	1.02895	0.205057	0.811882	-1.23153	0.0196563	0.619402	-1.61507	0.179153	0.11588	8.63098	0.0147972	0.62677	1.59557	0.0196563	0.446957	-2.23639	0.0482512	0.346957	-2.88261	1.24091	0.156013	0.0838205	1
cg14668430	SLC6A18	0.385751	0.555018	0.891419	-1.12181	0.246612	1.2627	1.2627	0.163383	0.750975	-1.3316	0.876144	1.03048	1.03048	0.221493	1.28039	1.28039	0.647685	0.92662	-1.09262	0.141588	0.737647	-1.33566	0.402814	1.17919	1.17919	0.59193	0.90107	1.10979	1.24091	0.7284402	0.521769	1
cg20121278	DOCK9;DOCK9	0.385753	0.832363	0.927879	-1.07773	0.502525	0.786381	-1.27165	0.163082	0.591114	-1.69172	0.810211	1.08868	1.08868	0.107992	0.538316	-1.85764	0.114779	0.545722	-1.83244	0.485401	1.28447	1.28447	0.72841	1.131	1.131	0.183094	0.607226	-1.64683	1.0409	2.45089	1.75563	1
cg02053818	C2orf58	0.385759	0.576335	0.862649	-1.15972	0.726804	1.03934	1.03934	0.823744	0.455794	-2.15397	0.678624	1.47511	1.47511	0.0995931	0.510005	-1.96003	0.0537234	0.31065	-3.21936	0.0159546	0.447326	0.977766	1.4735	0.447822	0.921417	-1.08529	1.24091	5.5096	4.0377	1
cg02786012	ARL9;ARL9	0.385761	0.0798026	0.57306	0.57306	1.85755	2.79857	2.79857	0.874634	0.832377	-1.20138	0.636017	11.284	11.284	0.433445	0.395026	-2.53148	0.716655	0.654735	-1.52734	0.942361	0.919411	-1.08765	0.757207	0.69754	-1.43361	0.496441	2.23085	2.23085	1.24089	6.25356	19.0083	1
cg22496723	CACNG2	0.385771	0.962188	0.974553	1.02602	0.0705	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg13473356	PEX5L	0.385777	0.858813	1.03725	1.03725	0.315764	0.807262	-1.23876	7	7	7	0.628377	0.904584	-1.10548	0.520667	0.874601	-1.14338	0.18296	0.746116	-1.34027	0.172659	1.35113	1.35113	0.151928	1.37521	1.37521	0.974541	0.993468	-1.00658	1.24245	0.7337952	0.508588	1
cg13702045	GSTM4;GSTM4;GSTM4	0.385779	0.976017	0.954225	-1.06253	0.0705	0.017046	-1.09046	0.902794	0.969568	-1.03139	0.379356	0.796018	-1.25553	0.0408498	0.790183	-1.26553	0.557805	0.6608	-1.51371	0.0215636	0.733673	1.36363	0.0408498	1.11642	1.11642	0.181336	0.698428	-1.43179	1.24085	1.25731	0.9509683	1
cg04022550	ERMN	0.385779	0.384111	0.532178	0.532178	0.508595	0.64064	-1.56073	0.0257775	0.633023	-1.57934	0.257775	0.361053	-2.76937	0.0954212	0.276768	-3.61611	0.98919	1.01259	-1.01259	0.298037	0.214797	-4.65633	0.0844613	0.108551	0.81825	0.568018	1.3628	1.3628	1.24085	0.9709	0.737109	1
cg04627496	NTRK3;NTRK3;NTRK3	0.385779	0.693886	1.13176	1.13176	0.815197	1.07601	1.07601	0.474956	1.25526	1.25526	0.329977	0.730111	-1.36966	0.353305	0.741678	-1.34829	0.0596676	0.51427	-1.9445	0.84903	1.06144	1.06144	0.27186	1.43032	1.43032	0.349109	1.35203	1.35203	1.24085	1.92414	1.37838	1
cg22005544	NLRP6	0.385786	0.177732	0.335349	-2.98197	0.330174	0.664068	-2.15022	0.79367	0.820575	-1.21866	0.760241	0.788999	-1.25157	0.0812828	0.38344	-2.60459	0.199532	0.6159	-1.62381	0.133208	0.185153	-5.40215	0.0152384	0.172863	-5.78284	0.0174953	0.172863	-5.78284	1.24085	11.4345	8.39128	1
cg21281673	LAMP2;LAMP2;LAMP2;LAMP2;LAMP2;L AMP2	0.385787	0.604705	0.564308	-1.77189	0.432888	0.416143	-2.40302	0.290707	0.30085	-3.32391	0.242003	3.82466	3.82466	0.209967	4.25165	4.25165	0.0897594	0.128878	-7.75927	0.740757	0.695091	-1.43866	0.46222	2.2701	2.2701	0.957664	1.05988	1.05988	1.24083	23.5827	16.8939	1
cg16397722	TP53;TP53;TP53;TP53;TP53;TP53	0.385788	0.200403	0.734213	-1.362	0.400853	0.821656	-1.21705	0.25247	1.31398	1.31398	0.563588	0.875136	-1.14268	0.1843	1.37947	1.37947	0.814507	1.05515	1.05515	0.456857	1.18897	1.18897	0.341084	0.799233	-1.2512	0.222004	0.745876	-1.34071	1.24082	1.02548	0.73462	1
cg20707018	SLC6A3	0.385792	0.909645	1.05101	1.05101	0.0749002	1.47064	-1.48494	0.2397	1.15741	1.15741	0.577207	0.78121	-1.28007	0.741661	0.674926	-1.48113	0.328555	1.1545	1.1545	0.113836	1.17525	1.17525	0.0105643	1.17057	1.17057	7	1.2367	1.2367	1.3345	2.70608	1
cg19112204	SLC1A2	0.385792	0.739366	1.19648	1.19648	0.0285599	0.00702	0.00702	0.123856	2.44824	2.44824	0.5418	1.39349	1.39349	0.665202	1.26354	1.26354	0.545869	1.38874	1.38874	0.156271	2.2588	2.2588	0.323181	1.73022	1.73022	0.384765	1.6141	1.6141	1.24081	5.67263	4.06373	1
cg01403156	ADAP1	0.385794	0.357204	0.738296	-1.35449	0.745621	0.909051	-1.10994	0.177388	0.631705	-1.58302	0.973581	1.01067	1.01067	0.0515777	0.455585	-2.19498	0.675667	0.873869	-1.14434	0.431705	0.772366	1.29494	0.973565	0.931323	-1.09731	0.0908356	0.502067	-1.8173	1.2408	2.01765	1.44541	1
cg02228226	LYNX1;LYNX1;LYNX1;LYNX1	0.385803	0.489552	2.10153	2.10153	0.398463	1.25663	1.25663	0.273231	1.34747	1.34747	0.906187	0.969636	-1.03131	0.0719403	0.593122	-1.69112	0.476459	0.827492	-1.20842	0.639105	0.813149	1.13149	0.628695	0.880344	-1.13592	0.183934	0.691653	-1.44581	1.24079	1.34425	0.963007	1
cg02124059	ZNF41;ZNF41;ZNF41	0.385804	0.169557	0.360029	-2.77756	0.149236	0.339692	-2.94384	0.55112	0.65637	-1.52353	0.154995	2.89373	2.89373	0.300381	0.472739	-2.11533	0.279553	0.456196	-2.19204	0.306657	0.476554	-2.09357	0.736963	0.790297	-1.26535	0.706486	1.30228	1.30228	1.24079	9.57816	6.86172	1
cg03906414	KCNG1;KCNG1	0.385805	0.11165	0.382845	-2.61249	0.0502238	0.256244	-3.90533	0.491403	0.478899	-2.08866	0.0914403	0.797164	-1.25388	0.0838882	0.598046	-1.67203	0.557805	0.6608	-1.51371	0.0215636	0.733673	1.36363	0.0408498	1.11642	1.11642	0.181336	0.698428	-1.43179	1.24085	1.25731	0.9509683	1
cg13973620	RGL2;RGL2;RGL2	0.385812	0.152719	1.28743	1.28743	0.362209	0.856851	-1.16706	0.511406	0.895954	-1.11613	0.0895762	1.36171	1.36171	0.261752	0.824442	-1.21294	0.56253	1.1014	1.1014	0.872046	1.02695	1.02695	0.872046	1.02626	1.02626	0.371216	1.16353	1.16353	1.24077	0.534731	0.383082	1
cg05674475	BEND4;BEND4	0.385813	0.729604	0.882464	-1.13326	0.5	0.0	-1.36734	0.257775	0.633023	-1.57934	0.257775	0.361053	-2.76937	0.0954212	0.276768	-3.61611	0.412458	0.5837	-1.71313	0.807262	0.61353	1.61353	0.807262	0.970516	-1.03038	0.12427	0.61353	1.61353	1.24077	0.165134	0.122135	1
cg06477444	NUP62;NUP62;IL4I1;NUP62;NUP62	0.385819	0.564282	0.855521	-1.16888	0.193358	1.4456	1.4456	0.13148	1.54645	1.54645	0.905499	1.03231	1.03231	0.304254	0.752108	1.3296	0.708479	1.1058	1.1058	0.11153	1.59055	1.59055	0.431041	0.806394	-1.24009	0.907893	0.969487	-1.03147	1.24075	1.40872	1.00922	1
cg02914501	C2orf86;MDH1 PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P	0.385824	0.434482	1.42637	1.42637	0.989042	0.993903	-1.00613	0.221248	0.564043	-1.77292	0.041352	0.350681	-2.85159	0.049316	0.686739	-1.45616	0.202297	0.549078	-1.82123	0.767667	1.1833	1.1833	0.483	0.712466	-1.40358	0.992708	1.00408	1.00408	1.24074	3.89723	2.79204	1
cg18586212	PPP2R2B;PPP2R2B;PPP2R2B	0.385824	0.883738	0.906522	-1.10312	0.754128	0.809995	-1.23458	0.370539	0.539708	-1.85286	0.733599	0.795231	-1.2575	0.959702	1.03447	1.03447	0.68821	0.762958	-1.31069	0.0582198	0.23796	-4.20238	0.19423	2.51215	2.51215	0.11872	0.321147	-3.11384	1.24074	8.83954	6.33281	1
cg24037807	C1QL3	0.385826	0.491654	1.37299	1.37299	0.475634	0.870536	-1.14938	0.243666	0.662327	1.50965	0.746469	0.761545	1.31314	-1.34402	0.383739	2.60605	0.273374	3.03392	3.03392	7	7	7	7	7	7	7	7	7	1.3532	1.3532	1.24073	0.4958	0.358	1
cg25748794	SRPK1	0.385828	0.788861	0.912759	-1.09558	0.194737	1.5944	1.5944	0.07707	1.9514	1.9514	0.701635	0.877289	-1.13987	0.774118	1.10281	1.10281	0.542848	0.81002	-1.23304	0.119067	1.77773	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T 057 vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T 117 vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T N)	Fold-Change(121T N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T 537 vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(527T 377 vs. N)	Fold-Change(527T 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg18700741	NUP210	0.3861611	0.04651555	2.93113	0.03635761	2.66851	0.26685	1.84461	1.09675	1.09675	0.6122887	1.27128	1.272128	1.925486	1.045	1.045	1.045	1.045	0.853389	1.00095	1.00095	0.2249019	1.82177	1.82177	0.621678	1.26373	0.689194	0.827634	1.202826	1.23996	4.34865	3.11741	1
cg11579466	FHAD1	0.3861666	0.3741199	1.28484	1.28484	0.520343	0.836069	-1.19607	0.11786	0.627121	-1.59459	0.432324	0.802365	-1.24632	0.429239	1.24824	1.24824	1.24824	0.107742	0.617373	-1.61977	0.379417	1.28116	1.28116	0.752553	1.0908	1.0908	0.702528	1.1112	1.1112	1.23995	1.48269	1.0629	1
cg22688656	MYO16	0.3861666	0.8488817	1.08084	1.08084	0.6622438	2.353134	2.353134	0.2551166	1.6225	1.6225	0.3016316	0.64666	-1.54641	0.15709	0.539894	-1.85222	1.85222	0.903377	0.951734	-1.05071	0.931739	1.03551	1.03551	0.877125	1.06505	1.06505	0.725344	0.866166	-1.15451	1.23995	3.25837	2.33584	1
cg07228241	CHD7	0.3861677	0.6069327	0.740433	-1.35054	0.191912	2.883172	2.883172	0.113432	1.72833	1.72833	0.972246	1.027001	1.027001	0.844829	0.8605765	1.16199	1.16199	0.350885	0.479202	-2.0868	0.1040149	0.2562288	-3.90278	0.6406577	1.433956	1.433956	0.775418	0.8031981	-1.24502	1.23995	11.5278	8.26402	1
cg01434694	FAM38A	0.3861712	0.5897736	0.8321156	-1.2017	0.0301929	2.36377	2.36377	0.702856	1.1381	1.1381	0.6817784	0.8700093	-1.1493	0.810463	1.08447	1.08447	1.08447	0.450084	1.29661	1.29661	0.112468	1.79179	1.79179	0.761091	1.10841	1.10841	0.993687	1.00267	1.00267	1.23994	2.23709	1.60373	1
cg00933538	PPT2;MYF2	0.3861722	0.1102161	1.36301	1.36301	0.6923311	0.9981974	-1.08183	0.8605969	0.9672111	-1.0339	0.301619	1.22499	1.22499	0.03045	1.6108	1.6108	1.6108	0.5457456	1.12293	1.12293	0.3211389	1.21452	1.21452	0.78702	0.9409944	-1.05269	0.9213388	1.018889	1.018889	1.23994	0.7061115	0.5062002	1
cg14038009	RGS7	0.3861782	0.5759108	0.6797227	-1.47118	0.13695	3.015578	3.015578	0.176336	2.69246	2.69246	0.7453122	0.7988855	-1.25179	0.138278	0.3330012	-3.00289	3.00289	0.952084	1.04227	1.04227	0.40118	0.5597222	-1.7866	0.5393044	1.53454	1.53454	0.3982733	0.5510262	-1.81468	1.23991	9.32296	6.68359	1
cg16905513	SCAMP1	0.3861851	0.4101449	1.29247	1.29247	0.2745515	1.55326	1.55326	0.446113	1.4132	1.4132	0.2614479	1.29638	1.29638	0.892457	0.9704641	-1.03044	1.03044	0.294731	1.37238	1.37238	0.8914284	1.04126	1.04126	0.922227	1.30753	1.26793	0.0774144	1.54518	1.54518	1.23991	0.9649911	0.6913745	1
cg15481227	AGL;AGL;AGL;AGL;AGL	0.3861895	0.6741641	1.05915	0.6935636	1.0553	1.0553	0.8437449	1.02835	1.02835	0.5349555	0.9180574	1.08924	-1.08924	0.8116656	0.9714851	1.029035	1.029035	0.6080794	0.75755	-1.32004	0.2857992	0.8604147	-1.16259	0.4405555	2.37773	2.37773	0.39339	1.12616	1.12616	1.23988	0.3626557	0.2599994	1
cg24784036	SEMA3B;SEMA3B	0.3861898	0.2575994	0.59651	-1.67642	0.270799	0.6056582	-1.65103	0.67072	0.829421	-1.20566	0.28396	1.62708	1.62708	0.505605	0.7442239	-1.34366	1.34366	0.786914	0.888259	-1.1258	0.0907501	2.25901	2.25901	0.976652	1.01288	1.01288	0.271476	1.64977	1.64977	1.23988	3.75551	2.69239	1
cg29744452	FEZ2;FEZ2	0.3861962	0.9922	2.39854	0.98604	-1.01396	1.916557	1.916557	0.1907102	1.602349	1.602349	0.196994	1.765505	1.765505	0.141481	0.646233	1.990722	1.990722	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.23992	1.23992	0.7090661	0.7090661	0.56684	1
cg21080898	ZHX2	0.3862121	0.9932329	1.01047	1.01047	0.9155512	1.01981	1.01981	0.728161	1.06657	1.06657	0.0700984	0.6877777	-1.45396	0.0993442	0.7161222	-1.39641	1.39641	0.446591	1.08614	-1.15418	0.2326068	0.7934951	-1.26032	0.3660073	1.18725	1.18725	0.9769988	1.00534	1.00534	1.23985	0.6708867	0.4809667	1
cg17074575	JAGN1	0.3862218	0.6270309	0.7579005	-1.3196	0.7353	0.8503615	1.217597	0.6678866	0.6581394	1.5159944	0.0951123	0.354184	-2.823139	0.0180504	0.2506168	-3.99369	3.99369	0.6634948	1.009851	1.009851	0.993884	0.6088	-1.63988	0.9155862	0.949323	-1.06166	0.6165862	0.428958	-2.33113	1.23983	0.298844	4.551991	1
cg05473987	DAP	0.3862227	0.0987935	1.440733	-6.90927	0.730423	1.44682	1.44682	0.39087	1.55741	1.55741	0.455806	0.4443359	2.250433	0.204921	0.2397054	-4.17179	4.17179	0.212803	1.246296	-1.08015	0.3222363	0.1673095	-5.97697	0.8795337	0.85048	-1.17581	0.3578014	0.364272	-2.3452	1.23981	22.392	16.0541	1
cg15680603	HLA-DPA1	0.3862235	0.7368	1.42699	1.42699	0.892544	0.8677213	-1.15312	0.03892005	0.0804628	-12.4281	0.541491	1.91843	1.91843	0.114124	0.160788	-6.21938	6.21938	0.961373	1.05238	1.05238	0.970207	1.0404	1.0404	0.836813	0.352095	-2.840154	0.451022	0.445083	-2.24677	1.23979	21.8171	15.6421	1
cg03217102	ILF3;ILF3;ILF3;ILF3;ILF3	0.3862239	0.314376	1.4076992	-1.47017	0.829922	0.923427	-1.08292	0.546279	1.253782	1.253782	0.1253725	0.4419351	-2.26268	2.26268	2.26268	2.26268	2.26268	0.15419	0.568365	-1.75935	0.1764393	0.2525235	-3.96055	0.1742637	0.6034743	0.561641	-1.7805	0.732042	1.13577	1.13577	0.6053098	0.8224442	-1.21284	1.23978	2.60995	1.93149	1
cg21183523	ZNF521	0.3862521	0.3188841	0.6023311	-1.66022	0.3390884	0.6157799	-1.62396	0.8106051	0.8885574	-1.1254	0.1045113	0.4176321	-2.39446	0.2414468	0.5469884	-1.82819	1.82819	0.0384064	0.3077144	-3.2558	0.2478611	0.5518551	-1.81207	0.9970313	0.99816	-1.00184	0.4057084	0.6579794	-1.51982	1.23975	4.75427	3.40876	1
cg14260562	RPA3	0.3862568	0.2562524	1.18435	1.18435	0.4316404	0.4144603	1.20581	1.20581	0.6550878	0.8720968	-1.1467	0.8978107	1.114	1.114	0.9998445	-1.00016	1.00016	0.5515585	0.8021002	-1.13995	0.0792233	0.6591181	-1.4468	0.977979	0.9942782	-1.00525	0.4222394	0.5168113	1.16813	1.23974	0.705447	0.509804	1
cg14403322	ANKRD11	0.3862669	0.9224484	0.9729115	-1.02784	0.0204216	2.19966	2.19966	0.394917	1.27867	1.27867	0.5924988	0.8657457	1.16455	0.1336645	1.145507	-1.14507	1.14507	0.8576578	1.05195	1.05195	0.4272919	1.25697	1.25697	0.9520051	0.9831178	-1.01713	0.3766117	0.7746165	-1.29273	1.23971	1.56277	1.12052	1
cg11984676	C21orf70	0.3862609	0.5485995	0.5114491	-1.95507	0.6106576	1.763115	1.763115	0.421229	2.47815	2.47815	0.400691	0.3866093	-2.58603	0.0557885	0.0913086	-10.9519	10.9519	0.4820556	0.454207	-2.20164	0.0998752	0.13648	-7.32707	0.7244559	0.6764349	-1.47833	0.3629968	0.3560472	-2.80862	1.23971	23.9527	17.1744	1
cg12968413	CLASP1;CLASP1;CLASP1;RNU44TAC	0.3862676	0.4717577	0.8810229	-1.13508	0.2407073	1.287533	1.287533	0.1310237	0.739924	-1.35149	0.4344906	1.13786	1.13786	0.8163674	0.9083414	-1.10092	1.10092	0.387626	1.14659	1.14659	0.5611689	1.17788	1.17788	0.903552	1.0212	-1.02212	0.2546004	0.8139607	-1.22855	1.23967	0.6879	0.421537	1
cg00606312	KMO	0.3862696	0.3084992	0.443729	-2.25363	0.0487911	0.176457	-5.66711	0.0532867	0.18406	-5.433	0.462201	0.5615606	-1.78061	0.26488	0.408298	-2.44919	2.44919	0.363078	0.484669	-2.05563	0.799058	0.8214831	-1.21731	0.401717	0.5160161	-1.93792	0.377801	0.497781	-2.00891	1.2397	11.6676	8.36593	1
cg18862119	KIAA1026;KIAA1026	0.3862837	0.8178368	0.9858558	1.01314	0.1988242	0.74702	-1.33846	0.4256157	0.5682	-1.76018	0.5687458	0.6102768	-1.63884	0.5978317	0.5870572	-1.70348	1.70348	0.9105579	0.9845553	-1.01557	0.6162225	0.202888	-4.92855	0.1642201	0.2098553	-4.76551	0.1644281	0.1813424	0.4583807	0.7034462	-1.42154	0.25312	0.4156363	2.40153	1.23963	0.2988444	4.551991	1
cg16423337	ITIH3;ITIH3	0.3862891	0.292849	0.5510758	-1.81469	0.429842	0.643995	-1.55281	0.42579	0.641398	-1.55909	0.605953	0.752644	-1.32865	0.0723613	0.334543	2.98915	2.98915	0.676969	0.795499	-1.25707	0.0428723	0.280082	-3.57039	0.470078	0.66945	-1.49376	0.621054	1.31275	1.31275	1.23966	1.85477	4.19811	1
cg06601774	LRRC3B	0.3862898	0.371044	0.520884	-1.91981	0.501726	1.622281	1.622281	0.728447	1.28082	1.28082	0.259367	0.4336642	-2.30605	0.168468	0.352726	-2.83506	2.83506	0.381436	0.528636	-1.89166	0.0483132	0.192984	-5.18177	0.403494	0.54496	-1.835	0.460752	0.586698	-1.70445	1.23965	9.89977	7.09863	1
cg05290058	KCND2N	0.3863013	0.9273327	0.9842192	1.01574	0.1829657	0.9235425	-1.08292	0.5254235	0.6449191	1.5502255	0.4149473	0.4849473	-2.06284	0.2729353	0.3232515	-3.09509	3.09509	0.1599031	0.1474033	-6.78225	0.0127782	0.0321393	-31.1133	0.1442637	0.2670227	3.74243	-4.29025	0.1744599	0.2822228	0.8394644	-1.19056	0.2661061	11.7941	8.45718	1
cg17173896	CCDC149	0.3863014	0.8344651	0.8886033	-1.12536	0.2823393	1.878444	1.878444	0.783909	1.16782	1.16782	0.22307	0.4846474	-2.06324	0.0558572	0.29446	-3.39605	3.39605	0.3260272	0.5642246	-1.77228	0.577267	0.7277751	-1.3741	0.4887335	0.6723369	-1.48728	0.2018	0.4673327	-2.13978	1.23961	6.25362	4.4843	1
cg09089094	JARID2	0.3863018	0.265203	0.6985	-1.43164	0.1446633	2.05381	2.05381	0.1535887	1.8720968	-1.1467	0.8970116	0.9968445	-1.00314	0.9892751	1.003584	-1.0034	1.0034	0.4446575	1.27212	1.27212	0.2771599	0.4239139	-2.42139	0.8599307	0.8933017	-1.07294	0.932299	0.7626836	-1.4199	1.23961	1.87324	1.34326	1
cg16387245	AXIN1;AXIN1	0.3863027	0.3823377	0.64085	-1.56043	0.1230676	1.29277	1.29277	0.298642	1.7076	1.7076	0.553263	0.742383	-1.34701	0.1364441	0.4507711	2.21872	2.21872	0.2724748	0.56704	-1.76355	0.863098	1.08951	1.08951	0.6846895	1.25586	1.25586	0.580257	0.757719	-1.31975	1.23958	1.8404	1.37316	1
cg00935108	MPG;MPG;MPG	0.3863123	0.9711003	1.00739	1.00739	0.0416739	1.612216	1.612216	0.629374	0.9058311	-1.10396	0.74925	1.06739	1.06739	0.966546	1.00857	1.00857	1.00857	0.1402117	0.724095	-1.38103	0.80349	0.9498802	-1.05285	0.8325311	1.04401	1.04401	0.3430385	0.8193837	-1.21975	1.23957	0.08106	0.0823223	1
cg19338218	MAEA;MAEA	0.3863137	0.9787674	1.02187	1.02187	0.2537867	1.22033	1.22033	0.2909519	0.85112	-1.17482	0.4051112	0.8756593	-1.14217	0.6615359	0.7722368	-1.29501	1.29501	0.2731134	0.413542	-2.41833	0.1875645	0.1289	-7.75948	0.2082115	0.2252324	-4.44107	0.1722524	0.1722563	0.3702257	0.5772501	-1.73272	0.2252	0.3090362	3.19255	1.23956	0.2988444	4.551991	1
cg01195526	SP110;SP110;SP110	0.3863137	0.9167758	0.9855161	-1.01465	0.427323	1.119334	1.119334	0.806154	0.7540809	-1.32484	0.8006524	0.7548203	-1.32484	0.8026514	0.8026514	1.24612	1.24612	0.4704091	0.7568016	-1.32124	0.6642148

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(105T 047 vs. N) vs. N)	Fold-Change(1 vs. N)	p-value(105T N)	Fold-Change(1 057 vs. N) vs. N)	p-value(111T N)	Fold-Change(1 vs. N)	p-value(112T 117 vs. N) vs. N)	Fold-Change(1 vs. N)	p-value(112T 127 vs. N) vs. N)	Fold-Change(1 vs. N)	p-value(121T N)	Fold-Change(1 vs. N)	p-value(121T N)	Fold-Change(1 21T vs. N) vs. N)	p-value(147T N)	Fold-Change(1 vs. N)	p-value(347T N)	Fold-Change(1 vs. N)	p-value(353T N)	Fold-Change(1 vs. N)	p-value(353T 537 vs. N) vs. N)	Fold-Change(1 vs. N)	p-value(537T N)	Fold-Change(1 37T vs. N) vs. N)	p-value(5 N)	Fold-Change(5 vs. N)	p-value(563T N)	Fold-Change(5 63T vs. N) vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg03749981	C19orf47	0.68631	1.78382	-1.31923	1.680487	0.758271	-1.31879	0.512357	0.641569	-1.55868	0.883378	0.906567	-1.10306	0.105034	0.106138	-3.2605	0.106138	-3.2605	0.780598	0.329773	-1.20515	0.806117	0.848459	-1.17861	0.309737	3.20649	0.154235	2.77104	2.72104	1.23839	8.75915	6.2871	1
cg01066986	COL23A1	0.38685	1.0925667	-5.2475	0.381561	0.460851	-2.1699	0.715043	0.728685	-1.37233	0.387121	0.465231	-2.14947	0.209197	0.318993	3.13487	0.378565	0.458489	-2.18108	0.0427762	0.133596	-7.48527	0.676162	0.695855	-1.43708	0.198642	0.309571	-3.23028	1.23837	14.6138	10.4896	1
cg19270858	KRT18;KRT18	0.386865	0.515199	0.810824	-1.23331	0.224665	1.409777	1.409777	0.211487	1.5194	1.5194	0.692227	0.881232	-1.13477	0.136691	0.600792	-1.66447	0.298391	0.709961	-1.40853	0.1883	0.6421	-1.55739	0.766855	1.0991	1.0991	0.929808	0.97239	-1.02839	1.28434	1.98068	1.42175	1
cg15507269	SPAG16	0.31007	0.611925	-1.63419	0.301242	0.303457	-3.29157	0.734882	0.853055	-1.17226	0.52915	0.742221	-1.34731	0.370872	0.650737	-1.53672	0.946709	1.03173	1.03173	0.853818	0.917371	-1.09007	0.732658	1.1739	1.1739	1.11053	0.443464	-2.25497	1.12833	4.28806	3.07803	1
cg01585670	E2F3	0.386891	0.03849062	1.183709	-5.4434	0.708514	0.771438	-1.29628	0.193828	2.6054	2.6054	?	?	?	0.162512	0.737948	-1.35511	0.804057	1.18732	1.18732	0.756252	1.23999	1.23999	0.93107	1.05399	1.05399	0.942194	0.951156	-1.05135	2.59665	8.27724	5.74967	1
cg13629645	IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.386892	0.64332	0.936072	-1.08727	0.834793	1.029519	1.029519	0.023457	0.914922	1.45922	0.474405	1.1069	1.1069	0.589998	1.0789	1.0789	1.0789	0.665457	1.06262	1.06262	0.46732	0.901886	-1.10878	0.498561	0.908541	-1.10067	0.512882	1.09708	1.09708	1.23828	0.382249	0.274395	1
cg15726141	HLA-H	0.386902	0.224457	0.427577	-2.33876	0.867232	1.11785	1.11785	0.767438	1.2183	1.2183	0.290087	0.481392	-2.07731	0.819857	0.873962	-1.14421	0.894101	0.293594	-3.40606	0.765532	0.819441	-1.22034	0.233175	2.29865	2.29865	0.23127	2.29822	2.29822	1.23825	8.69408	6.24111	1
cg06718763	KCAN3	0.386902	0.955531	0.94909	-1.05364	0.279374	2.170911	2.170911	0.323844	2.28273	2.28273	0.99101	1.0073	1.0073	0.606583	0.264854	-3.77567	0.184173	0.561965	-1.77947	0.958217	0.543227	-1.84085	0.483948	1.57466	1.57466	0.679087	0.764374	-1.30826	1.23825	8.18108	5.87285	1
cg19880977	GTF2H4	0.386903	0.42952	0.805845	-1.24055	0.738428	0.92793	-1.07767	0.0508372	1.81395	1.81395	0.833246	1.04012	1.04012	0.442747	1.23304	1.23304	1.23304	0.694635	0.899777	-1.11139	0.644601	0.883088	-1.13239	0.176661	1.4688	1.4688	0.240532	1.38945	1.38945	1.23825	1.405511	1.00867	1
cg15248377	SPMBT2	0.386904	0.721274	0.933798	-1.0709	0.290066	1.23362	1.23362	0.149015	1.34433	1.34433	0.769626	0.945396	-1.05776	0.862434	1.03372	1.03372	1.03372	0.738431	0.937931	-1.06618	0.616213	1.10145	1.10145	0.064303	1.48805	1.48805	0.112497	1.39147	1.39147	1.23825	0.716971	0.514684	1
cg14593805	PPYR1;PPP1CA;PPP1CA	0.386904	0.666355	0.771109	-1.29677	0.52151	1.341636	1.341636	0.153684	1.7365	1.7365	0.864167	1.14396	1.14396	0.311644	0.802709	-1.24592	0.238482	0.738429	1.35482	1.35482	0.73792	1.20625	0.398264	1.05965	1.05965	0.872962	0.870107	-1.14928	0.19825	1.21893	0.859532	0.864589	1
cg00394712	NUDT17	0.386907	?	?	?	0.302164	1.4705	1.4705	0.633929	0.845165	-1.18257	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
cg22855764	TANC1;TANC1	0.386906	0.377321	0.484668	-2.06327	0.051301	0.90661	0.90589	0.170902	0.330834	0.33715	0.76831	0.789633	1.26641	0.329852	0.447544	-2.23442	0.0957437	0.231151	-4.31871	0.315344	0.980853	-2.20373	0.206068	0.940246	-2.88837	0.606213	0.659925	-1.51532	2.23824	12.5364	8.99942	1
cg19710971	RYK;RYK	0.386908	0.963299	0.990573	-1.00952	0.212146	1.31067	1.31067	0.149904	1.37405	1.37405	0.144466	0.7242	-1.38083	0.704827	1.08149	1.08149	1.08149	0.190886	1.32989	1.32989	0.727525	1.07466	1.07466	0.947396	0.98651	-1.01367	0.195972	1.3251	1.3251	1.23824	0.830996	0.596544	1
cg25791430	MRPL16	0.386915	0.732917	1.10845	1.10845	0.874052	1.14884	1.14884	0.602779	0.853997	-1.17096	0.312755	0.730606	-1.36873	0.416282	0.779	-1.2837	0.184508	0.655008	1.5267	0.425509	1.27714	1.27714	0.133003	1.71702	1.71702	0.234193	0.687374	-1.45481	1.23822	1.772206	1.27212	1
cg08389806	ZNF594	0.386916	0.500367	0.815564	-1.22615	0.509942	1.2244	1.2244	0.702572	1.21214	1.21214	0.491508	0.81203	-1.23151	0.440987	0.709213	-1.2688	0.0434104	0.506475	1.44098	0.440987	0.79181	-1.2626	0.301018	1.37629	1.37629	0.077281	0.740941	-1.40041	0.859874	1.05408	1.05408	1.23822	1.74198	1.25053	1
cg14923124	BUB1B	0.386924	0.472041	0.843309	-1.18581	0.448039	0.835154	-1.19738	0.840116	0.95403	-1.04819	0.726689	1.08519	1.08519	0.206517	0.733154	-1.36397	0.123764	1.47457	1.47457	0.128353	0.681856	-1.46658	0.79039	0.939822	-1.06403	0.201963	0.730603	-1.36873	1.3182	1.06438	0.764102	1
cg01036148	RNPS1	0.386928	0.481964	0.834509	-1.19898	0.278545	1.2488	1.2488	0.805608	1.04241	1.04241	0.136712	0.758868	-1.31772	0.709385	1.06055	1.06055	1.06055	0.096904	1.73082	1.73082	0.57798	0.642422	0.932659	-1.07232	0.51092	1.1216	1.1216	0.454092	1.14023	1.14023	1.23817	0.580785	0.416949	1
cg26511293	RPS6KA6	0.386949	0.137149	0.384405	-6.60142	0.076501	0.980355	-1.02004	0.895273	0.09075	0.0368533	0.94916	0.94916	0.94916	0.94923	1.0501	1.0501	1.0501	0.30186	0.493855	2.02489	0.828443	0.866622	-1.15391	0.684268	0.763637	-1.30952	0.799114	1.18237	1.18237	1.23816	8.53122	6.12464	1
cg19130592	MSX1	0.386951	0.247859	0.758578	-1.31826	0.0530806	1.65318	1.65318	0.410084	1.21248	1.21248	0.593731	0.884135	-1.13105	0.570275	1.1402	1.1402	1.1402	0.442347	1.19621	1.19621	0.342901	0.799729	-1.25042	0.905712	1.02747	1.02747	0.45367	1.19074	1.19074	1.23814	1.025576	0.736417	1
cg17132465	DSCC1	0.386955	0.117634	0.320347	-8.53564	0.171954	0.773437	0.773437	0.771318	1.2158	1.2158	0.93947	1.05233	1.05233	0.0831993	0.374099	0.51212	0.210975	0.418883	-2.3873	0.207616	0.439222	0.492533	0.836805	0.707096	-1.14816	0.474368	1.628	1.628	0.813	0.879875	0.53187	1
cg23232343	CD82	0.386957	0.666967	1.05855	0.775948	0.13894	1.038494	1.038494	0.308828	1.14849	1.14849	0.944755	0.990932	-1.00915	0.471037	1.10118	1.10118	1.10118	0.70603	1.05107	1.05107	0.862868	0.759328	-1.31695	0.111224	0.796076	-1.25636	0.848258	0.975135	-1.0255	1.23812	0.338803	0.243237	1
cg16188241	SDTA	0.386896	0.546604	0.830708	-1.21833	0.0996716	0.56364	-1.77332	0.152704	0.837286	1.07199	0.0954487	0.802952	-1.24537	0.0997439	0.744597	-1.34302	0.761208	1.16969	1.16969	0.0853915	0.987549	-1.01261	0.933155	0.987549	-1.01261	0.933155	0.987549	-1.01261	0.933155	0.987549	-1.01261	0.933155	1.23812	0.2503	0.47502	1
cg02864875	KIAA0406;RPRD1B	0.386962	0.829795	1.03547	1.03547	0.268474	1.20516	1.20516	0.0467974	1.44562	1.44562	0.686299	1.06795	1.06795	0.718207	1.06043	1.06043	1.06043	0.914569	1.982776	1.982776	-1.01753	0.363245	0.859597	-1.16334	0.473078	1.12542	1.12542	1.01916	1.3269	1.3269	1.23811	0.514405	0.369056	1
cg22423267	ARID1B;ARID1B;ARID1B	0.386967	0.174777	1.18935	1.18935	0.414237	0.90459	-1.10547	0.618045	0.941393	-1.06226	0.246246	1.15681	1.15681	0.335281	1.1303	1.1303	1.1303	0.230272	0.859665	-1.16124	0.720703	1.04407	1.04407	0.36845	1.11738	1.11738	0.171187	1.1913	1.1913	1.2381	0.283034	0.203202	1
cg13437117	EYA4;EYA4;EYA4	0.386972	0.303171	1.88163	-1.12615	0.509942	1.2244	1.2244	0.702572	1.21214	1.21214	0.491508	0.81203	-1.23151	0.440987	0.709213	-1.2688	0.51352	1.12529	1.12529	0.228031	0.63842	-1.56621	0.154421	1.33958	1.33958	0.013405	0.756359	-1.32212	1.23809	1.84777	1.32374	1
cg02071259	SAMD10;PRPF6	0.386978	0.957922	0.994515	-1.00552	0.0788074	1.22564	1.22564	0.0663659	1.23942	1.23942	0.998984	0.999867	-1.00013	0.917667	1.01084	1.01084	1.01084	0.642904	1.04987	1.04987	0.34967	0.904518	-1.10556	0.257775	1.131	1.131	0.912455	0.988601	-1.01153	1.23808	0.213067	0.152974	1
cg15457693	RAB6B	0.386983	0.684322	1.10092	1.10092	0.197637	1.23089	1.23089	0.140235	0.922594	1.02294	0.61601	0.881398	-1.1338	0.660288	0.650586	-1.65649	0.294434	0.763335	-1.31004	0.251468	0.992089	1.00839	1.00839	0.992091	-1.31702	0.764475	1.07748	1.07748	1.23807	1.20938	0.86829	1
cg26813796	ENAH;ENAH	0.386985	0.198818	0.305577	-3.2725	0.604076	0.633331	-1.57595	0.862852	0.859876	-1.16296	0.600175	1.5869	1.5869	0.218106	0.0900447	0.161614	0.748208	0.754869	-1.32473	0.699033	0.712327	-1.40385	0.680264	0.696412	-1.43593	0.256958	0.353592	2.8096	1.23806	14.9486	10.7326	1
cg05365469	UCHL5	0.386987	0.161441	0.311517	-3.21009	0.167915	0.317834	-3.1463	0.42614	0.530579	-1.88473	0.855792	1.15244	1.15244	0.339497	0.464025	-2.15505	0.393088	0.505437	-1.97849	0.307944	0.439078	-2.2775	0.121146	3.70909	3.70909	0.917027	0.92194	-1.08467	1.23806	11.9274	8.56355	1
cg08730387	NGEF;NGEF	0.386993	0.363334	0.588527	-2.58564	0.812789	0.92492	-1.20049	0.943852	0.965481	-1.03537	0.445214	1.46817	1.46817	0.0722358	0.326828	0.32628	0.31991	0.963482	1.03782	1.03782	0.422228	0.876412	-1.14102	0.553396	0.29511	-3.38741	0.422643	0.666602	-1.49994	0.42304	0.474335	0.442789	1
cg22016571	MST4;MST4;MST4;MST4;MST4	0.386994	0.495157	0.656354	-1.52357	0.938907	1.0477	1.0477	0.68759	1.72856	1.72856	0.0609353	0.61099	0.61099	0.0170408	0.342285	0.42285	0.170869	0.582842	1.58042	1.58042	-1.72289	0.961398	0.963095	0.853865	0.11861	1.11861	1.11861	1.23804	0.724569	0.52021	1
cg04346573	RALGAPA1;RALGAPA1	0.386995	0.727386	1.37506	1.37506	0.0796726	0.5465	-1.82907	0.0415207	0.872153	1.14777	0.280947	0.731853	1.36391	0.0885675	0.8046	1.24315	0.758586	1.09345	1.09345	0.0875491	0.804962	1.14062	0.0845355	0.987549	-1.01261	0.933155	0.987549	-1.01261	0.933155	0.987549	-1.01261	0.933155	1.23804	0.53777	0.29773	1
cg01512138	CLEC16A	0.387002	0.729173	0.838569	-1.19251	0.741399	1.18264	1.18264	0.166	0.473193	-2.1133	0.148841	2.1908	2.1908	0.126143	0.432472	2.31229	0.644133	0.79008	-1.26569	0.163378	0.472604	-2.11594	0.073144	0.983092	-1.0172	0.78693	1.1471	1.1471	1.23802	1.03102	3.61223	1
cg25061048	C14orf179;C14orf179	0.387003	0.151565	0.464684	-2.152	0.300727	2.35873	2.35873	0.294627	2.3868	2.3868	0.913476	0.271599	-3.68196	0.268506	0.397319	-2.51687	0.312748	0.433712	-2.30568	0.307116	2.33018	2.33018	0.850857	0.860848	-1.16165	0.760349	0.783796	-1.27584	1.26456	12.4197	7.63884	1
cg16412803	DNAH227	0.387004	0.147948	0.305577	-3.27218	0.0996716	0.56364	-1.77332	0.152704	0.837286	1.07199	0.0954487	0.802952	-1.24537	0.0997439	0.744597	-1.34302	0.879704	1.14269	1.14269	0.309536	0.676107	1.13006	0.0613171	0.830193	0.807549	-1.23846	0.817575	1.15448	1.15448	1.23802	2.83175	2.03318	1
cg10042856	CCDC154	0.387009	0.155517	0.594352	-1.6825	0.656716	0.858011	-1.16549	0.251253	0.663405	-1.50738	0.216788	1.56036	1.56036	0.277877	0.679564	-1.47153	0.914569	0.982776	-1.01753	0.363245	0.859597	-1.16334	0.473078	1.12542	1.12542	0.01916	1.3269	1.3269	1.23811	0.514405	0.369056	1
cg19206153	CTBP1;CTBP1	0.387015	0.036759	0.305577	-3.27218	0.0996716	0.56364	-1.77332	0.152704	0.837286	1.07199	0.0954487	0.802952	-1.24537	0.0997439	0.744597	-1.34302	0.887353	1.2499	1.2499	0.210549	0.637484	1.20539	0.0208036	1.10756	1.10756	0.272725	0.822405	1.12476	0.684264	1.23801	0.618959	0.443771	1
cg02997585	WWOX	0.387016	0.53548	1.85609	1.85609	0.637595	7.79862	7.79862	0.206024	12.4598	12.4598	0.637807	1.59575	1.59575	0.977357	0.859074	-1.16404	0.562281	1.78141	1.78141	0.52782	1.87841	1.87841	0.161861	1.25672	1.25672	0.690986	1.4826	1.4826	1.23799	19.0453	13.6747	1
cg17551192	EFEMP2	0.387021	0.579248	0.795552	-1.25699	0.233369	0.600351	-1.66569	0.254601	0.615232	-1.6254	0.241671	0.606257	-1.64947	0.586943	0.799313	-1.25108	0.242304	1.04987	-1.04987	0.34967	0.904518	-1.10556	0.257775	1.131	1.131	0.912455	0.988601	-1.01153	1.23808	0.213067	0.152974	1
cg26935275	CPA4;CPA4	0.387025	0.658023	1.51966	1.51966	0.450582	1.59109	1.59109	0.0995	1.27227	1.27227	0.734016	1.06224	1.06224	0.883862	1.02629	1.02629	1.02629	0.0988	1.69866	1.69866	-1.65649	0.294434	0.763335	-1.31004	0.251468	0.992089	-1.31702	0.764475	1.07748	1.07748	1.23798	1.20938	0.86829	1
cg26813796	ENAH;ENAH	0.387085	0.198818	0.305577	-3.2725	0.604076	0.633331	-1.57595	0.862852	0.859876	-1.16296	0.600175	1.5869	1.5869	0.218106	0.0900447	0.161614	0.748208	0.754869	-1.32473	0.699033	0.712327	-1.40385	0.680264	0.696412	-1.43593	0.256958	0.353592	2.8096	1.23806	14.9486	10.7326	1
cg03535469	UCHL5	0.386987	0.161441	0.311517	-3.21009	0.167915	0.317834	-3.1463	0.42614	0.530579	-1.88473	0.855792	1.15244	1.15244	0.339497	0.464025	-2.15505	0.393088	0.505437	-1.97849	0.307944	0.439078	-2.2775	0.121146	3.70909	3.70909	0.917027	0.92194	-1.08467	1.23806	11.9274	8.56355	1
cg08730387	NGEF;NGEF	0.386993	0.363334	0.588527	-2.58564	0.812789	0.92492	-1.20049	0.943852	0.965481	-1.03537	0.445214	1.46817	1.46817	0.0722358	0.326828	0.32628	0.31991	0.963482	1.03782	1.03782	0.422228	0.876412	-1.14102	0.553396	0.29511	-3.38741	0.422643	0.666602	-1.49994	0.42304	0.474335	0.442789	1
cg22016571	MST4;MST4;MST4;MST4;MST4	0.386994	0.495157	0.656354	-1.52357	0.938907	1.0477	1.0477	0.68759	1.72856	1.72856	0.0609353	0.61099	0.61099	0.0170408	0.342285	0.42285	0.170869	0.582842	1.58042	1.58042	-1.72289	0.961398	0.963095	0.853865	0.11861	1.11861	1.11861	1.23804	0.724569	0.52021	1
cg04346573	RALGAPA1;RALGAPA1	0.386995	0.727386	1.37506	1.37506	0.0796726	0.5465	-1.82907	0.0415207	0.872153	1.14777	0.280947	0.731853	1.36391	0.0885675	0.8046	1.24315	0.758586	1.09345	1.09345	0.0875491	0.804962	1.14062	0.0845355	0.987549	-1.01261	0.933155	0.987549	-1.01261	0.933155	0.987549	-1.01261	0.933155	1.23804	0.53777	0.29773	1
cg04346573	VCAM1;VCAM1	0.387026	0.361379	0.602469	-1.65975	0.346164	0.592209	-1.68859	0.368558	0.607302	-1.6463	0.810784	1.13828	1.13828	0.29225	1.09292	0.413367	-2.41916	0.235334	0.510868	-1.95745	0.090367	0.837753	-1.19437	0.0993995	0.570873	-2.64721	0.123902	0.406645	-2.45915	0.570468	1.36272	1.36272	1.23797	5.71758	4.10535	1
cg18263944	ZCCHC24	0.387027	0.282639	0.594352	-1.6825	0.656716	0.858011	-1.16549	0.251253	0.663405	-1.50738	0.216788	1.56036	1.56036	0.277877	0.679564	-1.47153	0.914569	0.982776	-1.01753	0.363245	0.859597	-1.16334	0.473078	1.12542	1.12542	0.01916	1.3269	1.3269	1.23811	0.514405	0.369056	1
cg07232350	VWA5A;VWA5A;VWA5A	0.387044	?	?	?	0.302966	0.212598	-4.7037	0.136177	0.0958977	-10.4278	?	?	?	0.126406	0.0802995	-11.1983	0.292649	0.205026	-4.87744	0.184954	0.129037	-7.74973	?	?	?	0.680875	0.550263	-1.81731	1.24295	26.7626	25.12	1
cg25431268	CD63;CD63	0.387049	0.0564133	2.09044	2.09044	0.491551	0.7	-2.36004	0.0224994	0.02294	1.02294	0.616101	0.662394	-1.49716	0.924326	1.03296	1.03296	1.03296	0.158969	1.67173	1.67173	0.781555	0.877569	-1.13951	0.709636	1.13618	1.13618	0.596233	1.20025	1.20025	1.23797	2.24567	1.64045	1
cg10783375	SOX20T	0.387049	0.971364	1.01114	1.01114	0.033978	0.465802	-2.14684	0.142301	0.954145	-1.62722	0.462284	1.27077	1.27077	0.863415	0.10458	-9.56238	0.937081	1.08091	1.08091	0.0797302	0.964878	-1.0364	0.594629	1.18032	1.18032	1.23791	1.86794	1.34128	1
cg08129449	CLGN;CLGN	0.387049	0.0673739	0.535347	-1.86795	0.261776	0.699957	-1.42866	0.845284	1.06137	1.06137	0.830684	1.06745	1.06745	0.300252	0.720912	-1.38713	0.502506	0.968437	-1.03259	0.177571	0.646097	-1.54775	0.284424	1.40351	1.40351	0.376184	0.758168	-1.31897	1.23791	1.82199	1.30829	1
cg02509437	RANGAP1;RANGAP1	0.387049	0.368327	0.588527	-2.58564	0.812789	0.92492	-1.20049	0.943852	0.965481	-1.03537	0.445214	1.46817	1.46817	0.0722358	0.326828	0.32628	0.31991	0.963482	1.03782	1.03782	0.422228	0.876412	-1.14102	0.553396	0.29511	-3.38741	0.422643	0.666602	-1.49994	0.42304	0.474335	0.442789	1
cg26668632	IFNGR1	0.387055	0.100505	0.588794	-1.67002	0.246413	1.41271	1.41271	0.932476	1.02445	1.02445	0.27891	1.37837	1.37837	0.482553	0.815926	-1.2256	0.69516	1.1188	1.1188	0.652236	0.879702	-1.13804	0.130499	1.5928	1.5928	0.780918	1.07945	1.07945	1.2379	1.59204	1.14383	1
cg19162581	MIR2116;MYO1E	0.387057	0.660801	0.904031	-1.10615	0.8592	0.948288	-1.03919	0.665134	1.18361	1.18361	0.212446	0.741278	-1.34902	0.0461655	0.648339	1.54339	0.948338	1.01488	1.01488	0.990165	1.3713	1.3713	0.778683	1.06634	1.06634	0.793723	0.942012	-1.06156	1.23789	1.505894	0.791593	1
cg10036527	MLF1IP	0.387058	0.897418	1.08158	-1.05035	0.539971	1.84736	-1.18014	0.749341	0.957987	-1.04434	0.812497	-1.23077	0.847219	0.15284	1.05284	1.05284	1.05284	0.114697	1.62581	-1.56082	0.4557231	0.425555	-1.84313	0.186485	0.688079	-1.45332	0.526659	1.18679	1.18679	1.23787	1.39708	1.00322	1
cg09730123	SPSB3	0.387068	0.915343	0.963402	-1.03799	0.238212	1.54217	1.54217	0.0856643	1.94663	1.94663	0.33735	1.42552	1.42552	0.477244	0.824784	0.762166	-1.31205	0.554304	0.8108	-1.23335	0.307019	0.690281	-1.44869	0.219052	1.57339	1.57339	0.848339	1.06944	1.06944	1.23787	2.41042	1.73087	1
cg15355387	CADM2;CADM2	0.387075	0.562886	1.23225	1.23225	0.262126	0.86607	-1.15478	0.260598	0.666467	-1.50078	0.215969	1.53655	1.53655	0.0784297	0.74857	-1.33592	0.493967	1.15029	1.15029	0.165088	0.69979	-1.429	0.0975983	0.740491	0.740491	0.0484805	0.646809	0.688017	1.23787	1.23787	0.564056	0.57199	1
cg22875872	PTPRF;PTPRF	0.387079	0.477685	1.41311	1.41311	0.455191	0.694653	-1.43957	0.251418	1.77528	1.77528	0.20804	1.88857	1.88857	0.933168	1.04099	1.04099	1.04099	0.193023	1.93949	1.93949	0.222734	0.544868	-1.83531	0.272056	0.578319	-1.72915	0.557278	0.752533	-1.32885	1.23784	4.49805	3.23002	1
cg23749046	GPR61	0.387081	0.481622	1.97199	1.97199	0.0195281	1.54784	1.54784	0.122316	1.87824	1.87824	0.470159	2.00585	2.00585	0.518137	1.83453	1.83453	1.83453	0.332057	2.83562	2.83562	0.74309	1.36649	1.36649	1.36649	1.36649	0.0140603	1.71734	1.71734	0.581785	1.69573	1.69573	1.23779	17.6688	12.6885	1
cg16128096	HIVEP3;HIVEP3	0.387108	0.72562	0.823706	-1.21403	0.728238	0.455068	-2.19747	0.0414084	0.274198	-3.64701	0.9098	1.06437	1.06437	0.714096	1.22449	1.22449	1.22449	0.244398	0.511559	-1.95481	0.806076	0.873384	-1.14497	0.900469	0.9713	1.0713	0.351789	1.69456	1.69456	1.23778	5.93898	4.26498	1
cg08271229	SKI	0.387109	0.996396	1.00208	1.00208	0.103802	1.2664	1.2664	0.3138	1.61475	1.61475	0.53081	0.746741	-1.33915	0.161994	0.503176	-1.98738	0.35648	1.54689	1.54689	0.244094	0.573844	-1.74263	0.763833	1.14867	1.14867	0.690023	1.2025	1.2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1050 vs. N)	Fold-Change(1050 vs N)	p-value(1117 vs. N)	Fold-Change(1117 vs N)	p-value(1122 vs. N)	Fold-Change(1122 vs N)	p-value(1221 vs. N)	Fold-Change(1221 vs N)	p-value(1247 vs. N)	Fold-Change(1247 vs N)	p-value(3477 vs. N)	Fold-Change(3477 vs N)	p-value(3537 vs. N)	Fold-Change(3537 vs N)	p-value(5377 vs. N)	Fold-Change(5377 vs N)	p-value(5637 vs. N)	Fold-Change(5637 vs N)	F(Error
cg15472574	YBX1	0.387480	0.24754	0.771756	-1.29576	0.992806	1.00191	1.00191	0.181564	0.681035	-1.46835	0.583427	0.88809	-1.12601	0.186021	1.34045	1.34045	0.643814	0.904816	-1.1052	0.131634	1.705552	-1.41733	0.829742	0.954801	-1.04723	0.505791	1.15568	1.15568	1.23691	0.899648	0.646522	1
cg07888040	GLDN	0.387492	0.202566	0.70739	3.70739	0.72354	0.707561	-1.41331	0.541896	1.82465	1.82465	0.373751	0.24345	0.243546	0.235264	3.35891	3.35891	0.339613	2.60811	2.60811	0.096213	0.92249	0.191095	3.85068	3.85068	0.072028	0.724024	1.72689	1.72689	1.23691	0.899648	0.646522	1
cg16177693	NR0B2	0.387494	0.140369	0.327277	-3.05551	0.360689	0.515973	-1.93809	0.676402	1.3439	1.3439	0.388251	0.536497	-1.86395	0.099246	0.282019	-3.56864	0.212443	0.396612	-2.52135	0.184089	0.370754	-2.69721	0.124567	0.310071	-3.22507	0.297517	0.467428	-2.13936	1.23689	9.71387	6.98086	1
cg07783195	RBL2	0.387494	0.84696	1.08338	1.08338	0.188683	0.561404	-1.78106	0.242085	0.600036	-1.66103	0.116157	0.22934	0.22934	0.213965	0.594719	-1.68131	0.616251	1.233	1.233	0.800884	1.11042	1.11042	0.568802	1.26954	1.26954	0.382553	1.44939	1.44939	1.23689	3.36498	2.41824	1
cg02069797	LCLAT1;LCLAT1	0.387497	0.286385	0.466456	-2.23986	0.109259	0.280263	-3.56808	0.316266	0.470153	-2.12697	0.923326	0.932281	-1.07264	0.14802	0.322913	-3.0968	0.212139	0.383926	-2.60467	0.083557	0.247813	-4.0353	0.1717	0.346513	-2.88589	0.954307	0.959121	-1.04262	1.23688	10.3935	7.46933	1
cg14539194	H1FOO	0.387501	0.56781	0.890874	-1.12246	0.287953	1.24705	1.24705	0.891996	0.97318	-1.02756	0.02289894	0.583405	-1.81667	0.765128	0.914754	0.57886	-1.72734	0.89884	-1.11274	0.998722	0.999679	-1.00032	0.6291	1.1023	1.1023	0.449549	0.8571	-1.16673	0.717411	0.929848	-1.07544	1.23687	0.784495	0.563784	1
cg23233803	ANK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;C AMK2B	0.387504	0.0492982	0.319515	-3.12974	0.115311	2.38826	2.38826	0.705057	1.21335	1.21335	0.790371	1.14508	1.14508	0.916766	1.05459	1.05459	0.671399	1.24232	1.24232	0.655498	1.2565	1.2565	0.76986	1.16087	1.16087	0.393506	0.641184	-1.55961	1.23687	5.06485	3.63992	1
cg04278982	NBPF3	0.387511	0.114058	1.40272	1.40272	0.182276	0.756783	-1.32138	0.701289	0.926933	-1.07883	0.350927	0.827787	-1.20804	0.781747	1.05418	1.05418	0.667776	1.08872	1.08872	0.249872	1.2671	1.2671	0.913751	1.02156	1.02156	0.18464	1.31916	1.31916	1.23685	0.759174	0.545597	1
cg09786321	CDLEC11;CDLEC11	0.387512	0.101683	0.224119	-4.46191	0.530513	0.588407	-1.6995	0.912526	1.09606	1.09606	0.461133	0.534593	-1.87058	0.0945406	0.215691	-4.63625	0.470509	0.541852	-1.84552	0.0769258	0.19363	-5.16448	0.754133	0.769325	-1.29984	0.157973	0.283655	-3.52541	1.23685	13.6473	9.80795	1
cg05115423	PFKP	0.387515	0.243909	0.764556	-1.30798	0.30793	0.788372	0.788372	0.822866	-1.21527	0.758393	0.954207	-1.07012	0.422405	0.0614355	0.2481	-4.03097	0.773617	0.927002	-1.07855	0.0403085	0.168546	1.68546	0.955516	0.993528	-1.07121	0.458749	1.18074	1.18074	1.23684	0.949973	0.682724	1
cg23093217	FAM49A	0.387522	0.706861	0.804982	-1.24226	0.113453	0.371941	-2.6886	0.95469	0.9679	-1.03316	0.59329	0.104925	0.140571	0.407155	-2.45607	0.55	0.550291	0.760769	-1.41485	0.541114	1.42652	0.266643	1.94364	1.94364	0.128911	0.389761	-2.56567	1.23683	6.45853	4.64165	1
cg24372495	MOBKL2A	0.387528	0.748787	1.32967	1.32967	0.248703	3.64676	3.64676	0.970629	1.51357	1.51357	0.240585	0.201775	0.201775	0.397719	0.607125	-1.64731	0.413294	1.13954	1.13954	0.9317759	0.664108	-1.50578	0.418232	0.874134	-1.14399	0.486468	0.801371	-1.12387	1.23681	0.518043	0.372316	1
cg15947007	ZNF680;ZNF680	0.387533	0.704267	1.10596	1.10596	0.662072	0.930978	-1.07414	0.462521	1.12997	1.12997	0.940546	1.0012	1.0012	0.609301	1.08744	1.08744	0.623765	1.3951	1.3951	0.489	0.642208	-1.55713	0.342756	0.541682	-1.8461	0.160588	2.56022	2.56022	1.2368	3.70584	5.53819	1
cg03441227	PHTF1	0.387537	0.9324	1.07227	1.07227	0.929557	1.99682	1.99682	0.514693	1.27202	1.27202	0.399947	1.70825	1.7086	0.464823	1.31115	1.31115	0.623706	1.08406	-1.19488	0.210871	0.163873	-1.61621	0.415685	0.773627	-1.35386	0.551469	0.802981	-1.24536	1.23199	2.92017	1.86703	1
cg12093419	NAV2;NAV2;NAV2	0.387538	0.946644	0.981162	-1.0192	0.728145	0.9056	-1.10424	0.067175	0.558245	-1.79133	0.348926	1.31523	1.31523	0.280445	1.37548	1.37548	0.83194	0.9414	-1.06225	0.501546	1.21389	1.21389	0.214925	1.44012	1.44912	0.416212	0.789686	-1.26633	1.23679	1.58165	1.13674	1
cg14778267	FMN2	0.387542	0.685557	1.12867	1.12867	0.807603	0.934013	-1.07525	0.517003	1.21626	1.21626	0.277267	1.40036	1.40036	0.127665	0.61229	-1.63321	0.832207	1.06527	1.06527	0.114456	0.599527	-1.66798	0.997752	1.00084	1.00084	0.206377	1.48761	1.48761	1.23678	3.71948	1.25019	1
cg07441577	CCDC3	0.387545	0.7104453	0.9315134	1.07735	0.337048	1.20711	1.20711	0.585694	1.14305	1.14305	0.93075	1.16057	1.16057	0.768218	0.944615	1.05863	0.81582	1.04537	1.04537	0.019314	1.71272	1.71272	0.915956	0.980574	-1.01939	0.548827	1.881041	-1.12228	1.23678	0.708414	0.509147	1
cg13855729	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.387545	0.686265	1.12682	1.12682	0.25845	1.41439	1.41439	0.0240577	2.20613	2.20613	0.312791	1.35933	1.35933	0.94104	1.02199	1.02199	0.898312	0.963105	-1.03831	0.401696	1.28707	1.28707	0.174922	1.5284	1.5284	0.834767	1.06334	1.06334	1.23677	1.69346	1.21712	1
cg21008826	TNK2	0.387546	0.395371	0.736802	-1.3798	0.276405	1.51585	1.51585	0.550294	1.04837	1.04837	0.104587	0.698817	0.867159	-1.23553	0.448243	0.733477	0.814303	1.00608	1.00608	0.12977	0.548161	-1.8221	0.0765799	0.934891	-2.06501	0.530252	1.26248	1.26248	1.23677	2.63243	1.89197	1
cg14557714	CTSL1;CTSL1	0.387551	0.205284	1.96712	1.96712	0.893304	0.934317	-1.0703	0.97507	1.01595	1.01595	0.859492	0.914199	-1.09353	0.733703	0.479972	-2.08346	0.594243	1.31286	1.31286	0.114032	0.418791	-2.38783	0.464969	1.45653	1.45653	0.216884	1.93057	1.93057	1.23676	5.02059	3.60843	1
cg00306728	CACNA1H;CACNA1H	0.387555	0.81175	1.2156	1.2156	0.336634	0.74516	0.74516	0.0911	1.34841	1.34841	0.0659637	1.27917	1.27917	0.449096	1.37809	1.37809	0.798057	1.07298	1.07298	0.477284	0.813778	-1.12717	0.624992	0.882318	0.607024	1.48079	1.82575	1.82575	1.23675	3.34028	2.47663	1
cg04740166	ACER3	0.387557	0.390435	0.657186	-1.52164	0.251438	0.56464	-1.77104	0.121333	0.448773	-2.2283	0.238691	1.80158	1.80158	0.708192	1.19645	1.19645	0.779487	1.14327	1.14327	0.968918	0.981585	-1.01876	0.919945	0.953177	-1.04912	0.0914376	0.412034	-2.42699	1.23674	4.45709	3.20346	1
cg14612733	EFNA1;EFNA1	0.387561	0.198931	0.625264	-1.59932	0.54681	0.809823	-1.23484	0.577655	1.21481	1.21481	0.268875	1.48937	1.48937	0.201673	0.627249	-1.59426	0.416197	0.750166	-1.33304	0.339402	0.711321	-1.40584	0.250709	1.51466	1.51466	0.281287	0.678834	-1.47311	1.23674	2.344	1.68472	1
cg02163400	NXN	0.387569	0.4253312	1.55608	1.55608	0.499687	0.773875	-1.2922	0.0833471	2.0486	2.0486	0.75771	1.12274	1.12274	0.677095	0.855287	-1.1692	0.672892	1.47076	-2.13382	0.962575	0.111771	1.01771	0.608105	1.2135	1.2135	0.799381	0.909118	-2.09997	1.23672	2.74168	1.97058	1
cg16199881	FAM149A	0.38757	0.410707	1.39816	1.39816	0.576161	1.25577	1.25577	0.070072	2.24087	2.24087	0.970375	0.985313	-1.01491	0.297919	0.65058	-1.53709	0.0980659	2.06055	2.06055	0.27062	1.57929	1.57929	0.917046	1.04238	1.04238	0.44784	1.36097	1.36097	1.23671	3.10897	2.23458	1
cg02370977	ZNF596	0.387586	0.16394	2.02021	2.02021	0.231554	0.130114	1.20114	0.909053	1.05775	1.05775	0.204084	0.547795	1.67795	0.0582088	2.76088	2.76088	0.559633	1.33388	1.33388	0.324064	0.545105	-1.83453	0.709858	0.611757	1.19977	0.310481	1.66198	1.66198	1.23668	4.43016	3.13428	1
cg12074069	CENPV	0.387589	0.440251	1.10553	1.10553	0.247579	1.16659	1.16659	0.0639864	0.76694	-1.30388	0.612114	1.06735	1.06735	0.592954	1.04107	1.04107	0.892804	1.08262	1.08262	0.101733	0.905291	1.01693	1.01693	1.01939	0.548827	1.24146	1.24146	0.682187	1.05388	1.05388	1.23667	0.318197	0.228712	1
cg09048665	WDR90	0.387592	0.458776	2.11197	2.11197	0.932895	1.08704	1.08704	0.35556	0.38992	-2.56463	0.267511	0.342896	-2.91634	0.037483	0.0914085	-10.9399	0.128548	0.196332	-5.09169	0.782779	0.760414	-1.31507	0.941573	0.929933	-1.07535	0.744069	0.722776	-1.38356	1.23666	19.2365	13.8268	1
cg24999243	PGS1	0.387609	0.8588686	1.0953206	1.0953206	0.409035	0.225432	-1.45134	0.505193	1.58133	1.58133	0.605253	1.1238	1.1238	0.71815	0.943447	-2.30165	0.173328	0.405536	-2.46587	0.0294473	0.14357	-6.96475	0.792058	-1.2611	0.547765	1.40073	1.460713	1.23662	2.76006	4.46334	3.21528	1
cg07746532	UIX1	0.387618	0.869374	1.0486	1.0486	0.282299	0.308308	1.38008	0.0938588	1.68654	1.68654	0.94054	0.97872	-1.02174	0.539726	0.8361	-1.19603	0.651069	0.876974	-1.14028	0.134586	0.62804	-1.59226	0.432479	1.25982	1.25982	0.274761	1.38769	1.38769	1.2366	1.62818	1.17036	1
cg12936779	UIP5	0.387623	0.1252	0.804834	1.24246	0.403132	0.146516	1.16344	0.856921	1.4251	1.4251	0.281617	1.34796	1.34796	0.722565	0.924203	-1.08201	0.178644	0.87178	-1.13798	0.27264	0.146403	1.34063	0.546249	1.14456	1.14456	0.157161	0.817862	1.22327	1.2366	0.907535	0.658292	1
cg04324727	NRXN3;NRXN3;NRXN3	0.387633	0.133383	3.18458	3.18458	0.788323	1.20613	1.20613	0.664797	1.35531	1.35531	0.0822401	4.02023	4.02023	?	?	?	?	0.956888	0.96308	-1.03834	0.251417	2.33297	2.33297	1.2754	2.20995	4.869	1
cg26748449	KCNG1;KCNG1	0.387635	0.321754	1.3333	1.3333	0.148685	0.54539	0.54539	0.0871954	1.70013	1.70013	0.999554	0.999844	-1.00016	0.786433	1.07931	1.07931	0.864522	0.953144	-1.04916	0.937047	1.02245	1.02245	0.939435	1.68076	1.68076	0.425787	0.795696	-1.25676	1.23656	1.54655	1.11172	1
cg13398460	ATP2B4;ATP2B4;ATP2B4;ATP2B4	0.387639	0.199514	1.75006	1.75006	0.615616	0.4656	-1.2911	0.3938	1.29938	1.29938	0.58799	1.1239	1.1239	1.24767	0.773134	1.24767	0.645606	1.09399	1.09399	0.158373	1.10007	1.10007	1.12072	0.204071	1.32905	1.32905	0.837329	1.00604	1.10604	0.185753	1.34486	0.882318	0.607404	1
cg02418195	KRT82	0.387639	0.329493	0.388494	-2.57404	0.67996	0.677251	-1.47656	0.307741	0.370861	-2.69643	0.403845	0.448192	-2.23119	0.4052	2.2258	2.2258	0.169254	0.95845	0.95845	0.324661	2.60019	2.60019	0.145412	0.230203	-4.34399	0.735813	1.37459	1.37459	1.23655	17.2865	12.4263	1
cg14962752	KCNB2	0.387652	0.1665403	1.85	1.85	0.60913	0.375362	-2.66306	0.765782	1.35935	1.35935	0.464684	1.51824	1.51824	0.563128	1.18991	1.18991	0.605553	1.13384	1.13384	0.408939	1.51551	1.51551	1.10834	0.838466	1.03225	0.222156	1.28829	1.28829	1.23653	0.76337	0.548756	1
cg03724882	CDKN3;CDKN3	0.387659	0.187549	0.591282	-1.69124	0.753804	0.88387	-1.12566	0.696884	1.15879	1.15879	0.342356	0.692078	-1.44492	0.07709	0.477343	2.09493	0.499233	1.29441	1.29441	0.963073	0.985055	-1.01517	0.938535	0.500016	-1.99994	0.829414	1.08456	1.08456	1.23651	1.77188	1.99262	1
cg03740447	OIZ4	0.387666	0.178928	1.49558	1.49558	0.293997	1.35913	1.35913	0.792442	1.07718	1.07718	0.782579	1.0811	1.0811	0.127581	1.59114	1.59114	0.740636	1.09817	1.09817	0.518743	1.20251	1.20251	0.027112	2.09065	2.09065	0.600407	1.16067	1.16067	1.23649	1.55625	1.11875	1
cg03985192	HDAC4	0.387668	0.2424387	1.4	1.4	0.60913	0.374353	-2.67139	0.763013	1.36361	1.36361	0.462284	1.53284	1.53284	0.561778	1.19041	1.19041	0.611578	-2.79306	0.809981	0.900443	1.13593	1.13593	1.11934	0.880939	1.18357	1.18357	0.675277	1.1806	1.1806	0.353529	0.885589	1.44586	1.44586	1.23648	0.764316	0.554756	1
cg22621652	FAM158A	0.387689	0.291694	0.499072	-2.00372	0.354054	0.545695	-1.83252	0.812026	1.16339	1.16339	0.964634	1.00426	1.00426	0.141833	0.366647	-2.72742	0.165328	0.390606	-2.56013	0.112655	0.333868	-2.9952	0.07639	0.285847	-3.49838	0.583079	0.701372	-1.42578	1.23644	7.90227	5.68102	1
cg19096934	LRPAP1	0.387691	0.329774	0.499072	-2.00372	0.354054	0.545695	-1.83252	0.812026	1.16339	1.16339	0.964634	1.00426	1.00426	0.141833	0.366647	-2.72742	0.165328	0.390606	-2.56013	0.112655	0.333868	-2.9952	0.07639	0.285847	-3.49838	0.583079	0.701372	-1.42578	1.23644	7.90227	5.68102	1
cg19371203	SERPINE2;SERPINE2;SERPINE2	0.387692	0.434295	0.530904	-1.88358	0.220112	0.359415	-2.7823	0.253946	0.388482	-2.57412	0.58274	1.55326	1.55326	0.44223	0.536942	-1.8624	0.333306	2.20789	2.20789	0.0755512	0.208031	-4.80697	0.283702	0.413146	-2.42045	0.318706	0.441356	-2.26574	1.23643	12.3349	8.86773	1
cg17409673	SDK1;SDK1	0.387697	0.863889	1.02826	1.02826	0.490689	0.992354	-1.12041	0.861348	0.833331	-1.2	0.188344	0.771731	-1.29548	0.0137443	0.590139	-1.69484	0.74786	1.15237	1.15237	0.505604	1.19148	1.19148	0.794582	1.04642	1.05349	0.661504	1.10176	1.23642	1.23643	0.571301	1
cg09609062	TRPM7	0.387698	0.103598	0.748745	-1.33583	0.180993	0.615578	-1.62496	0.311766	0.610996	-1.63693	0.272394	0.997297	-1.02807	0.151626	1.15793	1.15793	0.260133	1.11864	1.11864	0.469134	0.932115	-1.07281	0.350548	0.912365	-1.09605	0.71592	1.0355	1.0355	1.23642	0.784413	0.128265	1
cg05043886	SLC6A1	0.387699	0.187147	0.768927	-1.30051	0.15169	0.749261	-1.33465	0.421827	1.16674	1.16674	0.320979	1.21253	1.21253	0.535593	1.12917	1.12917	0.285121	0.811674	-1.23202	0.191768	0.771274	-1.29656	0.841647	1.03831	1.03831	0.757436	1.05995	1.05995	1.23642	0.691657	0.497248	1
cg25413490	STARD10;STARD10	0.387701	?	?	?	?	1.08153	1.08153	0.0852253	1.16521	1.16521	?	?	?	?	?	?	0.229761	1.85129	1.85129	?	?	?	?	?	?	?	?	?	1.23642	1.87	1.31282	1
cg05554396	TCEAL8;TCEAL8;TCEAL8;TCEAL8	0.387716	0.0669271	0.139316	-7.17791	0.542895	0.553751	-1.80587	0.765941	0.75089	-1.33175	0.133434	0.73022	0.73022	0.0788886	-1.02157	0.145836	0.223462	-4.47503	0.899496	1.12892	0.956675	1.05352	1.05352	0.887244	1.14586	1.14586	1.23638	18.034	12.9655	1
cg10464454	ITSN1;ITSN1;CPYL1	0.387724	0.355124	1.55344	1.55344	0.977031	1.01343	1.01343	0.165125	1.98497	1.98497	0.157775	2.01249	2.01249	0.162427	2.00949	2.00949	0.262179	1.56922	1.56922	0.0755	0.200122	-4.42791	0.764213	1.14966	1.14966	0.607991	0.834805	-1.19789	1.23636	4.47965	3.0185	1
cg02233005	TPPP	0.387724	0.342632	2.80931	2.80931	0.210863	0.148866	-2.24784	0.0814751	1.60754	1.60754	?	?	?	0.0320043	0.673366	-1.48508	0.262179	0.743113	-2.03205	0.0134495	0.24024	2.24024	0.198895	0.438976	-2.27803	0.179472	0.274335	2.74535	1.23635	6.37686	5.17791	1
cg08305778	CCDC93	0.387733	0.0647376	0.568408	-1.7593	0.937326	0.978813	-1.02165	0.981367	0.993661	-1.00638	0.076973	0.585263	-1.70863	0.183998	0.38328	-2.60963	0.18191	0.679878	-1.47085	0.653161	1.12891	1.12891	0.302194	0.747474	-1.33784	0.807636	0.935733	-1.06868	1.23634	1.45197	1.04392	1
cg00013340	ST6GALNAC3	0.387735	0.0904249	0.641947	-1.55725	0.46567	0.628546	-1.59045	0.963594	1.04267	1.04267	0.164475	0.429775	0.429775	0.0884724	2.12821	2.12821	0.367636	0.741097	1.34957	0.0787	0.741097	1.34957	0.0787	0.984013	-1.01562	0.963682	0.636582	0.627818	1.23631	0.661173	0.451246	0.90065	1
cg19436804	CLDN23;CLDN23	0.387741	0.879187	1.04221	1.04221	0.0225166	0.475835	-2.10157	0.59407	0.863985	-1.15743	0.816405	0.938748	-1.06525	0.584421	1.16197	1.16197	0.389121	0.966117	-1.03507	0.319587	1.32253	1.32253	0.66288	0.887615	-1.12661	0.477407	0.821739	-1.21693	1.23632	1.44636	1.0399	1
cg11955309	LRRC18;WDFY4	0.387752	0.617122	0.831562	-1.20256	0.488048	0.772749	-1.29408	0.0357861	0.480802	-2.44557	0.207342	0.673428	-1.48494	0.782762	1.11932	1.11932	0.405732	0.732506	-1.36518	0.355804	0.41564	-2.40506	0.0758409	0.780955	-1.28057	0.243135	0.695372	-1.43855	1.2363	2.62213	1.68529	1
cg07135629	AQP1; CEP63;ANAPC13;CEP63;ANAPC13;CEP6	0.387775	0.888856	1.17037	1.17037	0.400258	1.63463	1.63463	0.156372	0.50594	0.50594	0.68565	0.632661	-1.58062	0.037666	0.106196	0.41656	0.533777	0.492121	-2.03202	0.197705	0.42674	0.42674	0.976125	0.03424	0.03424	0.998916	0.998473	0.100153	1.2363	24.7843	17.8197	1
cg25140775	1CEP63;ANAPC13	0.387753	0.128638	0.567099	-1.76336	0.246776	1.51939	1.51939	0.290113	1.46113	1.46113	0.629698	0.845525	-1.1827	0.0788115	0.509591	-1.96236	0.610385	0.837671	-1.19379	0.747374	0.894382	-1.11809	0.810116	0.920222	-1.08669	0.96181	1.01668	1.01668	1.23629	2.33576	1.6794	1
cg26282762	MUM1;MUM1	0.387753	0.207147	0.385107	-2.59668	0.675913	0.73965	-1.35199	0.836707	1.19556	1.19556	0.941013	0.9483	-1.05452	0.111143	0.287975	-3.47252	0.516395	0.62378	-1.60313	0.0997924	0.274232	-3.64654	0.0624469	0.225038	-4.44369	0.483784	0.600224	-1.66605	1.23629	10.0747	7.24362	1
cg26269080	PHKA2	0.387755	0.16875	1.80147	1.80147	0.530418	0.390472	1.56401	0.0994722	1.64754	1.64754	0.316691	0.439336	0.439336	0.0142997	1.0492	1.0492	0.0906146	1.61969	1.61969	0.0895294	0.10342	-9.67211	0.0932125	0.840255	1.13091	0.965414	1.04052	1.23629	16.428	11.8117	1
cg10735607	TMEM109	0.387769	0.847988	1.09141	1.09141	0.800659	0.891077	-1.12224	0.0569676	2.6694	2.6694	0.254708	1.71958	1.71958	0.362922	0.65297	-1.53146	0.315734	0.623236	-1.60453	0.778146	1.1374	1.1374	0.58717	0.778892	-1.28387	0.296317	1.6382	1.6382	1.23626	4.06806	2.925	1
cg24315188	PHTF2;PHTF2;TMEM60	0.387771	0.101699	0.727912	-1.29381	0.965214	0.99375	-1.00629	0.817859	0.967379	-1.03372	0.681964	0.942484	-1.06103	0.357084	0.872694	-1.14588	0.078212	0.754802	-1.32485	0.111881	0.779656	-1.28262	0.324116	0.863809	-1.15766	0.552045	1.09035	1.09035	1.23625	0.404692	0.290982	1
cg17053845	BOLA3;BOLA3	0.387774	0.609429	1.20413	1.20413	0.453822	1.19843	1.19843	0.34999	1.04648	1.04648	0.779497	0.702526	0.702526	0.0894994	1.42523	1.42523	0.921158	0.97624	-1.02464	0.964881	1.0849	1.0849	0.599102	-1.66916	0.651666	0.896622	-1.11522	0.78224	1.12244	0.810656	0.581264	1
cg21302771	C10orf18	0.387781	0.269168	0.816036	-1.22544	0.31817	0.19994	1.19994	0.382437	1.17145	1.17145	0.545033	0.897437	-1.11428	0.884082	1.02611	1.02611	0.831808	0.963124	-1.03829	0.0745762	0.704043	-1.42037	0.833033	1.038	1.038	0.204789	1.26664	1.26664	1.23623	0.611053	0.439367	1
cg19045731	ESPNL	0.387785	0.18548	1.54232	1.54232	0.468115	0.31777	1.31777	0.0855	1.68677	1.68677	0.183183	1.6822	1.6822	0.0920155	1.44578	1.44578	0.790691	1.18159	1.18159	0.510982	0.95561	1.05561	1.05561	0.622521	0.81898	0.549841	1.4702	1.4702	1.23621	0.70388	0.53943	1
cg08761421	MAPKBP2;MAPKBP2	0.387791	0.383224	0.582558	-1.71657	0.277848	1.97767	1.97767	0.634238	1.33593	1.33593	0.890837	0.92037	-1.08652	0.906087	0.331433	3.0172	0.156917	0.400581	2.49637	0.180857	0.423781	-2.35971	0.790884	1.17421	1.17421	0.145363	0.630469	-1.58612	1.2362	1.14927	5.14066	1
cg22159058	DNAJC2;DNAJC2;DNAJC2;DNAJC2	0.387792	0.257177	1.43472	1.43472	0.272728	0.705778	-1.41688

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105 vs. N)	Fold-Change(5 vs.105 vs. N)	p-value(111 vs. N)	Fold-Change(11 vs.111 vs. N)	p-value(112 vs. N)	Fold-Change(12 vs.112 vs. N)	p-value(121 vs. N)	Fold-Change(12 vs.121 vs. N)	p-value(347 vs. N)	p-value(3477 vs. N)	p-value(34 vs. N)	Fold-Change(3 vs.347 vs. N)	p-value(353 vs. N)	Fold-Change(3 vs.353 vs. N)	p-value(537 vs. N)	Fold-Change(5 vs.537 vs. N)	p-value(563 vs. N)	Fold-Change(5 vs.563 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ga21828951	CUL1	0.38809	0.117146	0.366041	-2.73193	0.672107	1.2858	1.2858	0.653282	1.30603	1.30603	0.46762	0.64579	-1.54849	0.0842807	0.323771	-3.0886		0.763331	0.836679	-1.1952	0.271742	0.508874	-1.96512	0.675307	1.28242	1.28242	0.150763	0.402809	-2.48257	1.23552		
ga23082955	MIR941-1;MIR941-3;MIR941-2;MIR941-2;MIR941-1;MIR941-3;ONAIC5;MIR941-3	0.388097	0.478567	1.30276	1.30276	0.49771	1.28755	1.28755	0.241614	1.56829	1.56829	0.562687	0.806653	-1.23969	0.034062	0.693664	-1.44162		0.792061	1.10186	1.10186	0.104361	0.91897	1.09991	1.09991	0.829652	0.923947	-1.08231	1.2355	2.63738	1.89748	1
ga24659171	TCIRG1;TCIRG1	0.388098	0.0422663	0.386234	-2.58911	0.441827	1.37564	1.37564	0.773516	1.2345	1.2345	0.95788	0.52171	0.102173	0.315351	0.655637	-1.52528		0.931253	0.905522	-1.10571	0.196291	1.74303	1.74303	0.584361	0.798807	-1.25187	0.672102	0.841032	-1.18901	1.2355	2.32376	1.32796	1
ga15921587	EMX1	0.388099	0.118596	0.701456	-1.42561	0.440635	1.17891	1.17891	0.972388	0.992782	-1.00727	0.427437	1.18481	1.18481	0.900806	0.974239	-1.02644		0.531967	1.14168	1.14168	0.665382	0.912951	-1.09535	0.0938889	1.47042	1.47042	0.203892	1.324	1.324	1.2355	0.85718	0.616705	1
ga25555643	SNORD59A;ATP5B	0.3881	0.32926	0.809431	-1.23544	0.271153	0.786189	-1.27196	0.229913	1.30343	1.30343	0.224832	0.765133	-1.36096	0.821697	0.953708	-1.04854		0.149658	0.722989	-1.38315	0.161382	0.73048	-1.36896	0.514124	1.14904	1.14904	0.567451	0.885713	-1.12903	1.23549	0.86297	0.620729	1
ga13814374	APOD01	0.388103	0.5396981	1.12319	1.12319	0.721262	0.935108	-1.08933	0.571375	0.898594	-1.11296	0.0349313	0.631353	-1.5839	0.313923	0.964572	-1.03677		0.351237	1.19663	1.19663	0.0965263	0.955025	1.13553	1.13553	0.540572	1.03937	1.09197	1.09197	0.908755	1.02168	1.02168	0.23549	0.685022	0.492848	1
ga15993873	CTDSPL2;CTDSPL2	0.388105	0.829214	0.966716	-1.03443	0.772043	0.955502	-1.04657	0.878504	0.976314	-1.02426	0.378684	0.868033	-1.15203	0.516005	1.10871	1.10871		0.0318399	1.4832	1.4832	0.327953	1.17144	1.17144	0.342646	1.16556	1.16556	0.37728	1.15254	1.15254	1.23548	0.480465	0.345679	1
ga19976669	SNAP70	0.388106	0.971213	0.985506	-1.01479	0.429506	1.16895	1.16895	0.324955	1.1609	1.1609	0.314395	0.780185	-1.28175	0.293733	0.664321	-1.50517		0.213875	1.6981	1.6981	0.0178	1.90368	1.90368	0.0138487	1.53852	1.53852	0.0138405	1.9068	1.9068	0.263927	0.624284	1.60261	1.23548	3.20303	2.30448	1
ga06536929	GPR20	0.388108	0.475292	0.679216	-1.47229	0.0490352	0.315128	1.31129	0.252791	1.88975	1.88975	0.0176939	0.155666	0.006666	0.406118	0.635818	-1.57278		0.736829	1.19687	1.19687	0.510218	1.42746	1.42746	0.276333	0.546987	-1.8282	0.964482	0.976553	-1.02401	1.23548	5.55514	3.99675	1
ga15310081	BVES;BVES	0.388113	0.507393	0.909577	-1.1004	0.233411	1.21617	1.21617	0.364111	1.56651	1.56651	0.455968	1.13192	1.13192	0.244613	1.20897	1.20897		0.917301	0.983937	-1.01632	0.0785508	0.737393	-1.35613	0.880441	0.976807	-1.02374	0.979583	1.15107	1.15107	1.23547	0.475623	0.3422	1
ga12707233	WNK3;WNK3	0.388115	0.163472	0.553124	-6.53066	0.997738	0.99643	-1.03358	0.977161	1.04573	1.04573	0.110696	0.96196	0.256726	0.442302	0.442302			0.130379	0.127291	-7.85603	0.801936	0.728232	-1.37319	0.823393	0.754241	-1.32584	0.911074	1.15138	1.15138	1.23546	31.1512	22.4127	1
ga24809072	SRRM4;SRRM4	0.388116	0.692893	1.21382	1.21382	0.203944	0.519688	-1.92423	0.872115	0.924369	-1.08182	0.919207	1.05078	1.05078	0.437365	0.70047	-1.42761		0.89777	1.06476	1.06476	0.770465	0.867008	-1.15339	0.0329726	0.925746	-1.08036	0.759879	1.16143	1.16143	1.23546	4.66309	3.33501	1
ga16250177	TSGA13;CDH22	0.388119	0.1534112	0.633457	-1.58394	0.154052	0.606607	-1.64835	0.396476	1.29907	1.29907	0.140509	0.62017	-1.61244	0.240856	0.607567	-1.44771		0.7314423	1.1094	1.1094	0.562992	0.912897	-1.09541	0.224025	0.680519	-1.46947	0.944741	0.979329	-1.02111	1.23545	1.77662	1.27025	1
ga15190678	DLX6AS	0.388124	0.224999	0.47551	0.47551	0.777778	0.706721	-1.41499	0.591365	1.94427	1.94427	0.943556	0.916796	-1.09076	0.0527231	0.14049	0.14049		0.478358	2.42124	2.42124	0.877527	0.827624	-1.20828	0.0637485	0.28958	0.645829	1.76423	1.76423	1.23544	29.4509	21.1897	1
ga19980598	LARP7;LARP7;LARP7;C4orf21	0.388126	0.0564646	0.32656	3.26256	0.482254	1.52127	1.52127	0.76694	0.849642	-1.17697	0.384388	0.63059	1.63059	0.94061	1.04166	1.04166		0.388292	1.62375	1.62375	0.136112	0.414594	-2.412	0.725524	1.12318	1.12318	0.412763	1.5826	1.5826	1.23544	5.68069	4.23112	1
ga13195199	FAM13A;FAM13A	0.388128	0.237164	0.83079	1.83079	0.886856	1.07199	1.07199	0.572759	0.756786	-1.32138	0.244992	1.45918	1.45918	0.201269	1.59292	1.59292		0.180565	2.0023	2.0023	0.0142722	2.90534	2.90534	0.0135408	1.8107	1.8107	0.297199	1.69511	1.69511	1.23543	4.60016	3.35089	1
ga06473927	HCCA2	0.388133	0.524898	0.733125	-1.36402	0.119635	2.25605	2.25605	0.636931	0.795271	-1.25743	0.0537694	2.87237	2.87237	0.297144	0.594054	-1.68335		0.808605	0.889653	-1.12403	0.989242	1.00652	1.00652	0.959543	1.02474	1.02474	0.971636	0.983015	-1.01728	1.23542	4.5421	3.26813	1
ga22491001	CD1A;A2	0.388136	0.889997	0.96343	-1.03796	0.429506	1.80484	1.80484	-1.24249	0.0343953	0.534161	-1.94491	0.770041	1.08177	1.08177	0.901376	0.967173	-1.03394	0.889437	0.965246	-1.03816	0.1816641	1.46478	1.46478	0.403642	0.794475	-1.25869	0.512576	0.836277	-1.19578	1.23541	1.41815	1.02037	1
ga17351882	GLTP02	0.388139	0.544281	1.15099	1.15099	0.444645	1.19571	1.19571	0.0633518	0.614828	-1.62647	0.24717	1.32133	1.32133	0.366788	1.23729	1.23729		0.611815	1.12434	1.12434	0.394525	0.818582	-1.22162	0.418901	1.20867	1.20867	0.924657	0.978598	-1.02187	1.26177	1.02026	0.63076	1
ga10297257	C5orf38	0.388153	0.804263	0.955209	-1.04743	0.737065	1.09967	1.09967	0.609877	0.881545	-1.01922	0.188495	0.792425	-1.26187	0.679103	0.932749	-1.0721		0.933502	0.986331	-1.01405	0.314296	1.32117	1.32117	0.362792	0.953329	-1.05116	0.0674912	0.40912	1.40912	1.23537	0.547985	0.394292	1
ga14500079	ZBTB38	0.388161	0.183184	0.767474	-1.30298	0.283097	0.811399	-1.23244	0.673779	1.08257	1.08257	0.544833	1.52052	1.52052	0.314103	0.822763	-1.21542		0.849136	1.03882	1.03882	0.891036	1.02602	1.02602	0.0777556	1.4439	1.4439	0.416196	0.8558	-1.1685	1.23536	0.680758	0.494367	1
ga07499066	ZNF746;ZNF746 PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPLA6	0.388163	0.882613	0.971221	-1.02963	0.0705145	1.47017	1.47017	0.962964	0.950745	0.93978	-1.06408	0.175677	0.752326	-1.32921				0.226217	0.777912	-1.28549	0.850436	1.07016	0.83576	0.38287	0.804218	-1.24344	0.430591	1.17234	1.17234	1.23535	0.764219	0.549889	1
ga07720403	A6	0.388178	0.4123227	1.3341	1.3341	0.0305723	2.39613	2.39613	0.812917	1.08495	1.08495	0.230428	1.54139	1.54139	0.623479	0.843525	-1.1855		0.305817	1.44	1.44	0.24327	1.52181	1.52181	0.454336	1.29966	1.29966	0.829378	0.928469	-1.07704	1.23532	2.3139	1.665	1
ga23672346	CCND3;CCND3;CCND3;CCND3	0.388178	0.597463	0.934434	-1.07062	0.941033	1.09866	1.09866	0.978955	1.02978	1.12378	0.137628	1.15669	1.15669	0.0256	1.04413	1.04413		0.0653249	1.30336	1.30336	0.0403515	1.8161512	1.8161512	-1.22526	0.422206	1.1107	1.1107	0.972562	1.00441	1.00441	0.928848	0.923887	1
ga15502420	SLC35A3	0.388185	0.847803	1.02162	1.02162	0.727334	-1.03973	0.370665	0.982027	-1.02183	0.24946	1.15241	1.15241	0.695626	1.04473	1.04473			0.109419	0.823437	-1.21442	0.923991	1.03168	1.03168	0.0542629	1.27521	1.27521	1.23529	0.242369	0.174403	1
ga09575442	CAPN2	0.388196	0.108537	0.293595	-3.40606	0.887988	0.906045	-1.1037	0.879501	1.11205	1.11205	0.64358	0.721656	-1.3857	0.0657442	0.235588	-4.2447		0.360265	0.517635	-1.93187	0.151055	0.340533	-2.93657	0.26112	0.440213	-2.27163	0.178435	0.367542	-2.72077	1.25128	9.58922	6.90028	1
ga17330681	VGLL4;VGLL4;VGLL4;VGLL4	0.388197	0.620847	1.44052	1.44052	0.918388	1.37092	1.37092	0.321461	1.21774	1.21774	0.448282	1.76061	1.76061	0.0159132	1.54048	1.54048		0.0330716	1.66345	1.66345	0.0159132	2.0362	2.0362	0.950313	1.9554501	-1.04667	0.804757	0.834182	-1.19878	1.23527	10.4836	7.54392	1
ga20948315	C4orf10;NOP14	0.388198	0.405086	0.693932	-1.44018	0.0797046	2.30301	2.30301	0.164478	1.95144	1.95144	0.41894	1.42512	1.42512	0.471477	1.36915	1.36915		0.167501	1.87966	1.87966	0.410764	1.43447	1.43447	0.851136	1.08392	1.08392	0.536155	0.764361	-1.30828	1.23527	3.59962	2.59026	1
ga13246468	LAPTM5	0.388209	0.355069	0.810542	-1.23386	0.751261	1.09975	1.09975	0.315988	1.66098	1.66098	0.166129	0.402886	0.609844	-1.63525	0.166345	0.989755	-1.0102	0.998669	1.00087	1.00087	0.991955	1.006346	1.006346	0.980973	1.00048	1.00048	1.23526	1.17983	0.940573	1.56531	1.56531	1.23526	0.509088	0.324876	1
ga24559147	KIAA0319L	0.388213	0.0980752	0.344175	-2.9055	0.266671	1.506495	-1.97435	0.848203	1.11923	1.11923	0.158774	0.412563	-2.42387	0.195497	0.447212	-2.23608		0.0902047	0.333688	-2.99681	0.173917	0.427294	-2.34031	0.494628	0.665213	-1.50328	0.483221	0.65781	-1.5202	1.23524	7.5191	4.86392	1
ga05731801	EMP2	0.388215	0.845013	0.902657	-1.10784	0.0412165	1.42917	1.42917	0.540076	0.72283	-1.38345	0.153922	0.707245	-1.41394	0.41885	0.649051	-1.54071		0.689441	1.23932	1.23932	0.634861	1.28446	1.28446	0.89098	0.930754	-1.0744	0.190703	0.484302	-2.06483	1.23523	5.35667	3.85473	1
ga08195176	SIK3	0.388217	0.599543	1.19179	1.19179	0.485393	1.52789	1.52789	0.984829	1.0086	1.0086	0.135953	2.06108	2.06108	0.102222	0.455596	-2.19493		0.778934	1.15503	1.15503	0.199255	1.60255	1.60255	0.111472	1.28219	1.28219	0.528391	1.33311	1.33311	1.23523	1.96361	1.42528	1
ga02069738	NBAS	0.388222	0.714014	0.91436	-1.09366	0.778634	0.933747	-1.07095	0.164169	0.669021	-1.43488	0.116132	0.51491	1.51491	0.257635	1.33289	1.33289		0.606154	0.881169	-1.13486	0.613969	1.1317	1.1317	0.861669	1.04334	1.04334	0.144808	1.46366	1.46366	1.23521	1.15752	0.832977	1
ga19360958	CES1B1	0.388227	0.4756807	1.2055	1.2055	0.0327107	1.52037	1.52037	0.687223	0.837306	0.837306	-1.19434	0.837236	-1.22364	0.0878795	0.858117	0.625	1.6025	0.0504	1.90728	-1.03442	0.0188959	0.59746	0.59746	0.0178874	0.11511	-8.68735	0.0225	1.15511	0.02932	1.15099	0.868735	0.131773	1
ga15114076	GAUNT9	0.388229	0.261207	0.227544	-4.39476	0.0922937	0.0962341	-10.3913	0.160792	0.150672	-6.63695	0.839364	0.773805	-1.29231	0.103943	0.105792	-9.45255		0.404485	0.340377	-2.93792	0.326905	0.278392	-3.59206	0.764777	1.461	1.461	0.142081	0.13749	-7.27326	1.2352	31.2276	22.4724	1
ga27632959	GJB5	0.388233	0.30279	0.736561	-1.35766	0.0838463	1.72979	1.72979	0.252696	0.710185	-1.40808	0.55993	0.844633	-1.18395	0.167185	0.655868	-1.5247		0.533127	1.19917	1.19917	0.499197	0.821605	-1.21713	0.575005	0.85021	-1.17618	0.900716	0.96488	-1.0364	1.23519	1.60515	1.15513	1
ga07685571	ANK3	0.388238	0.315944	0.772403	-1.29479	0.153269	1.71754	1.71754	0.0133107	0.743385	1.34585	0.0253115	0.743385	1.34585	0.0253115	0.743385	-1.34585		0.215506	2.44786	2.44786	0.0408504	3.27729	3.27729	0.287781	2.12602	2.12602	0.0408504	3.44101	3.44101	0.0408504	1.88735	1.43153	1
ga19321622	NUP62;NUP62;IL41;NUP62;NUP62	0.388254	0.328483	1.27043	1.27043	0.580373	0.875887	-1.1417	0.0857842	0.637238	-1.56927	0.66832	1.19138	1.19138	0.846074	1.0472	1.0472		0.548516	0.86582	-1.15497	0.748141	1.07945	1.07945	0.185015	0.716828	-1.39504	0.164775	0.703485	-1.42149	1.23514	1.10171	0.792861	1
ga15642200	DPYS13	0.388274	0.161403	0.678842	-1.47351	0.189574	1.58576	1.58576	0.0117288	1.12254	1.12254	0.0664549	1.44402	1.44402	0.0251779	1.66809	1.66809		0.613417	1.08784	1.08784	0.299469	1.37483	1.37483	0.0844844	1.2084	1.2084	0.0251779	1.4055252	1.4055252	0.0251779	1.3311	1.3311	1.23513	1.96361	1.42528	1
ga08640790	RCCD1;RCCD1	0.388262	0.660627	0.544901	-1.83519	0.741678	0.634715	-1.57551	0.0195637	48.2845	48.2845	0.622581	0.505724	-1.97736	0.58283	0.4665594	-2.14319		0.398378	0.28127	2.28127	0.89644	0.836144	-1.19597	0.930851	1.12667	1.12667	0.871852	1.24838	1.24838	1.23512	36.9422	26.5864	1
ga04240491	LCLAT1;LCLAT1	0.388287	0.679114	1.16082	1.16082	0.629024	0.8198861	-1.19067	0.493625	0.779402	-1.28303	0.545405	0.803029	-1.24529	0.236705	0.641167	-1.55966		0.550974	0.805506	-1.24146	0.0851635	0.97853	0.151658	1.73447	1.73447	0.618708	0.835378	-1.19706	1.2351	2.51412	1.80938	1
ga08138819	HENBP3	0.388293	0.692002	0.894758	-1.11796	0.0679925	1.12596	1.12596	0.0135772	0.620967	-1.61042	0.208732	1.31107	1.31107	0.138997	1.16484	1.16484		0.619027	1.13759	1.13759	0.0151256	1.18339	1.18339	0.0154864	1.54284	1.54284	0.0154221	1.5221	1.5221	0.0154221	1.8833	1.7305	1
ga16795804	EIF2AK2;EIF2AK2	0.388279	0.903701	1.0526	1.0526	0.747713	1.14648	1.14648	0.473756	1.36152	1.36152	0.341763	1.51424	1.51424	0.0275959	0.331745	-3.01436		0.860883	0.928394	-1.07713	0.51552	0.756325	-1.32218	0.617077	1.23803	1.23803	0.595736	1.25458	1.25458	1.23508	3.50941	2.52572	1
ga17330681	PDIA6	0.388281	0.620847	1.44052	1.44052	0.918388	1.37092	1.37092	0.321461	1.21774	1.21774	0.448282	1.76061	1.76061	0.0159132	1.54048	1.54048		0.278597	1.72263	1.72263	0.183836	2.0263581	2.0263581	-1.01258	0.1283008	1.17054	1.17054	0.911426	0.96845	0.96845	-1.03258	1.23508	1.62357	1.16408	0.54392	1
ga15007123	FAM103A	0.388281	0.651737	0.871154	-1.14791	0.479769	0.804052	-1.2437	0.127214	0.606084	-1.64994	0.793569	1.08287	1.08287	0.107897	0.587091	1.70331		0.492723	0.830966	-1.23553	0.499201	1.23152	1.23152	0.0667825	0.535838	-1.86624	0.597382	0.850599	-1.17564	1.2352	1.80282	1.29749	1
ga10830779	ADAR82	0.388286	0.656854	0.907387	-1.10257	0.0578088	0.113642	1.96359	0.104651	0.165753	-6.03282	0.117549	0.178449	-5.60384	0.0266196	0.225313	-4.43769		0.658005	0.625462	1.57366	0.243617	0.659982	-1.51478	0.620002	-1.6129	0.121519	0.266408	-3.75365	1.23507	20.1059	14.4715	1
ga07472227	ERF	0.388292	0.8753803	0.883249	-1.13219	0.698234	1.3624	1.3624	0.501028	1.17963	-1.17963	0.0254691	1.21529	-8.22849	0.905324	1.09905	1.09905		0.860024	1.1504	1.1504	0.126291	2.05586	2.05586	0.405253	1.96582	1.96582	0.0740757	0.768323	-1.30154	1.23505	12.3241	8.86989	1
ga17350023	HSPA9AB1	0.388293	0.930579	0.988597	-1.01153	0.449565	0.903556	-1.10674	0.83071	0.972593	-1.02818	0.241108	0.850852	-1.17529	0.232948	1.17895	1.17895		0.515334	0.916836	-1.09071	0.0356101	0.734742	-1.3798	0.771862	0.962458	-1.03901	0.735769	1.04559	1.04559	1.23505	0.338872	0.243892	1
ga09321614	ZNF267;ZNF267	0.388297	0.848677	0.974387	-1.02611	0.497056	0.917474	-1.1324	0.152211	0.545453	-1.83334	0.0669145	0.44402	-2.25179	0.166929	0.598423	1.67106		0.303033	0.65598	-1.52444	0.26229	0.639158	-1.56456	0.444895	1.3604	1.3604	0.0828881	1.05469	1.05469	1.23505	0.25605	0.19878	1
ga08149078	RPN1	0.3883	0.138625	0.347982	-2.87371	0.909347	0.927355	-1.07834	0.463797	1.63843	1.63843	0.745264	1.24092	1.24092	0.767079	1.21735	1.21735		0.476113	1.61571	1.61571	0.567826	0.682278	-1.46568	0.044026	0.216052	-4.62852	0.514659	0.645644	-1.54885	1.23504	8.57576	6.17221	1
ga14496623	OCA2	0.388303	0.110702	0.11242	0.608715	2.04587	2.04587	0.181917	1.13067	1.13067	0.355773	0.229880	-4.34992	0.918467	1.15253	1.15253			0.45915	0.351698	-2.84435	0.501497	0.388367	-2.57488	0.348021	0.856662	0.927476	1.13453	1.13453	1.23503	0.37973	27.06	1
ga01899154	TGS1	0.388316	0.6979373	0.908284	-1.03276	0.318644	0.923184	-1.08321	0.0202587	0.860297	-1.16239	0.2709346	0.648445	1.54201	0.0445981	0.860209	1.16202		0.0939409	0.939469	-1.06443	0.0145991	1.1308	1.1308	0.384231	0.917355	-1.0901	0.966442	1.03027	1.03027	1.2350	0.27223	0.0846582	1
ga25579356	HIF1A;HIF1A;HIF1A;HIF1A	0.388321	0.71241	0.939457	-1.06445	0.026402	1.55906	1.55906	0.286648	1.20519	1.20519	0.565753	1.10289	1.10289	0.549778	1.10747	1.10747		0.451147	0.878532	-1.13826	0.281207	1.20795	1.20795	0.579143	1.09911	1.09911	0.786017	1.04697	1.04697	1.23499	0.556531	0.400566	1
ga12722985	PLXDC2	0.388322	0.199945	0.415587	-2.41787	0.153654	1.02089	1.02089	0.575069	1.44675	1.44675	0.412665	0.579187	-1.72656	0.201152	0.691458	-1.44613		0.215701	0.427576	-2.33876	0.839007	1.1239	1.1239	0.45491	0.888708	-1.64258	0.858844	1.12304	1.12304	1.23499	3.31592	2.58543	1
ga22704608	ZNF496	0.388333	0.181908	0.728487	-1.37271	0.562714	1.13978	1.13978	0.614596	0.892695	-1.1202	0.547803	0.872859	-1.14566	0.735352	1.0788	1.0788		0.779877	1.06464	1.06464	0.0411466	1.69343	1.69343	0.858599	1.04068	1.04068	0.42907	0.834867	-1.19779	1.23497	0.977653	0.703683	1
ga09668691	ZNF562;ZNF562;ZNF562	0.388333	0.454094	1.14463	1.14463	0.774501	1.0228	1.0228	0.0981181	0.998044	1.00196	0.113132	1.35969	1.35969	0.944546	0.880392	1.01195		0.227943	1.23042	1.23042	0.355065	0.8453222	-1.18351	0.954211	0.98988	-1.01022	0.0150503	1.48238	1.48238	1.23497	0.613793	0.443788	1
ga17172331	DOCK9;DOCK9;DOCK9;DOCK9	0.388332	0.967087	0.969579	-1.03138	0.0245392	0.134587	-7.43016	0.284567	0.435042	-2.29863	0.830464	1.17415	1.17415	0.367988	0.500389	1.99845		0.440364	0.55479	-1.80249	0.427531	0.545235	-1.83407	0.79283	0.821125	-1.21784	0.474676	1.72349	1.72349	1.23496	10.9651	7.89237	1
ga08855106	ZC3H3	0.388338	0.829834	1.04314	1.04314	0.917957	1.02042	1.02042	0.314795	0.815491	-1.22625	0.653098	1.09284	1.09284	0.927201	1.01809	1.01809		0.418856	0.85037	-1.17596	0.06111	1.49856	1.49856	0.505374	1.14181	1.14181	0.131031	0.726202	-1.37703	1.23495	0.753053	0.542031	1
ga22160913	ZFYVE16;ZFYVE16	0.388343	0.539443	1.13048	1.13048	0.629024	0.905613	-1.10242	0.314795	0.815491	-1.22625	0.653098	1.09141	1.09141	0.916586	1.09284	1.09284		0.407034	0.90528	-1.10426	0.0509114	1.4424	1.4424	0.477853	-1.28526	0.615515	0.795742	-1.25609	1.2494	1.1697	2.86613	1
ga24637261	SYNPO2L;SYNPO2L	0.388352	0.244536	0.440508	-2.27011	0.0520302	0.225713	-4.4304	0.234738	0.432257	-2.31344	0.614156	0.140823	1.40823	0.854001	0.883337	-1.13207		0.243465	0.439612	-2.27473	0.411878	0.568346	-1.75949	0.223781	0.42287	-2.36479	0.628443	1.38872	1.38872	1.23492	8.86955	6.38426	1
ga25127888	CACNB2;CACNB2;CACNB2;CACNB2;CAC	0.388354	0.967059	1.05705	1.05705	0.995194	1.00812	1.00812	0.92236	1.13993	1.13993	0.443962	2.85339	2.85339	0.0208805	0.0238812	-41.8739		0.965989	0.944327	-1.05896	0.273641	0.21643	-4.62043	0.505087	0.403088	-2.48085	0.911483	1.16114	1.16114	1.23491	35.3005	25.4091	1
ga25293738	PREX2;PREX2	0.388355	0.2192826	0.794633	-1.25844	0.248407	1.29355	1.29355	0.2271	1.09557	-1.09102	0.518333	1.12939	1.12939	0.0256602	1.04278	1.04278	1.12948	0.843796	0.965504	-1.03573	0.709456	0.697811	-1.43305	0.224375	0.796833	-1.25497	0.970818	1.00653	1.00653	1.23491	0.693906	0.445777	1
ga20127175	PDGFB;PDGFB

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vst vs. N)	Fold-Change(105 vst vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1317 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg06857845	GAUX5	0.388729	0.260177	0.609019	-1.64198	0.931127	0.966211	-1.03497	0.958727	0.976386	-1.02209	0.795898	0.88633	-1.11566	0.847034	0.921692	-1.08496	0.397616	0.693708	-1.44153	0.146965	1.92938	0.92038	0.0458798	0.380503	-2.6281	0.555202	0.777268	-1.28656	1.23405	3.68442	2.50983	
cg14289621	NHSL2;RP5Z6P11	0.388745	0.374517	0.678213	-1.47446	0.0508633	0.387674	-2.57948	0.107334	0.472972	-2.11429	0.890368	0.942942	-1.06051	0.130551	0.498794	2.00484	0.613639	0.805033	-1.24219	0.584994	1.26481	0.771214	0.883196	-1.13225	0.682312	0.839193	-1.19162	1.23401	3.54662	2.55471	1
cg07729230	C6orf10 PREPL;PREPL;PREPL;PREPL;PREPL;PREPL	0.388758	0.874973	0.93482	-1.06972	0.445478	1.39504	1.39504	0.188097	0.543704	-1.83924	0.932315	0.964292	-1.03703	0.211097	0.568934	-1.75767	0.790045	1.12101	1.12101	0.155357	1.91712	1.91712	0.384969	1.46415	1.46415	0.197242	0.557948	-1.79228	1.23599	3.58092	2.57948	1
cg19526289	:PREPL	0.38876	0.800361	0.891834	-1.12129	0.864109	0.925531	-1.08046	0.0738783	0.406552	-2.45968	0.547724	1.31631	1.31631	0.103655	0.447535	-2.23446	0.244018	0.576575	-1.73438	0.507471	0.733991	-1.35503	0.873607	0.930604	-1.07457	0.122769	0.46981	-2.12852	1.23398	3.98875	2.87327	1
cg14661803	KLF7	0.388769	0.194638	0.340778	-2.88369	0.368438	0.490127	-2.04029	0.788192	0.832321	-1.21316	0.440262	0.544689	-1.83591	0.134497	0.287755	-3.47513	0.162333	0.316151	-3.16304	0.0696662	0.208859	-4.78792	0.318951	0.451553	-2.21458	0.112974	0.264044	-3.78724	1.23396	3.16449	2.88843	1
cg06837842	AB1;AB1;ABI1;ABI1	0.388774	0.745134	1.14161	1.14161	0.214379	0.588162	-1.70021	0.385387	0.69675	-1.43524	0.867856	0.06995	1.06995	0.522324	0.768525	-1.30119	0.884849	0.942858	-1.06061	0.033488	2.74194	2.74194	0.873362	1.06691	1.06691	0.731318	0.869399	-1.15022	1.23395	3.2219	2.32094	1
cg24880023	XPO1	0.388785	0.278252	0.631965	2.81365	0.938769	1.07355	1.07355	0.209353	0.284532	-1.39522	0.960566	0.953911	-1.04674	0.102469	0.57648	3.57648	0.116026	0.44541	4.84541	7	7	0.485034	0.455187	-2.1969	0.849812	1.1914	1.1914	1.22006	14.7669	12.0148	1
cg17487726	INTS7;DTL	0.388788	0.4604602	0.7992	-1.28337	0.143097	0.565508	-1.76832	0.407391	0.753069	-1.3279	0.350198	0.726722	-1.37604	0.473512	0.01073	3.01073	0.926533	1.03109	1.03109	0.956053	1.01846	1.01846	0.0749203	0.517656	-1.93178	0.231781	1.51639	1.51639	1.23392	2.15356	1.55138	1
cg23491841	C2orf85	0.388815	0.64568	0.820206	-1.21921	0.182817	1.83163	1.83163	0.190201	1.81114	1.81114	0.179127	1.84223	1.84223	0.595015	0.794775	-1.25822	0.325871	1.54387	1.54387	0.509293	0.750806	-1.3319	0.131004	2.00991	2.00991	0.74117	0.8677	-1.15247	1.23385	3.58172	2.58033	1
cg05153176	RAB40C	0.388828	0.0679515	0.608009	-1.64501	0.0178	1.37906	1.37906	0.0135	1.63961	1.63961	0.0095938	1.65001	1.65001	0.0090745	1.40953	0.0590445	0.534221	0.94492	1.0312	1.14585	1.42258	1.42258	0.0127906	0.598109	1.89624	0.115576	1.23383	0.0828613	0.007265	0.59696	1
cg02607915	ZNRF1	0.388828	0.202204	0.28303	2.83033	0.313754	2.23672	2.23672	0.662584	1.40389	1.40389	0.215409	2.27875	2.27875	0.18877	2.93246	2.93246	0.118131	3.70984	3.70984	0.376033	2.01766	2.01766	0.0579316	5.23985	5.23985	0.192699	2.90157	2.90157	1.23383	1.16662	8.40471	1
cg21749512	JUN	0.388828	0.649019	0.84038	-1.18994	0.0457953	0.914867	1.36463	0.133781	1.544654	-1.83535	0.565262	1.24685	1.24685	7	7	2.01043	0.74642	1.13144	1.13144	0.959759	1.01933	1.01933	0.590614	0.813746	-1.22888	0.618375	1.21011	1.21011	1.22896	2.40207	2.02779	1
cg13399791	COL23A1	0.38883	0.429048	0.789768	-1.26639	0.877187	0.955796	-1.04625	0.482449	0.780915	-1.28055	0.260308	0.709455	-1.40953	0.0590445	0.536211	-1.86494	0.278305	0.719231	-1.39037	0.0524004	0.524711	-1.90581	0.651823	0.875644	-1.14202	0.904289	1.03579	1.03579	1.23382	1.67013	1.20322	1
cg03001504	RBBP1;RBBP1 KIAA0040;KIAA0040;KIAA0040;KIAA004 0	0.388831	0.0934846	0.605198	-1.65235	0.785383	0.928388	-1.07714	0.827269	1.06129	1.06129	0.41678	1.25347	1.25347	0.906711	1.03243	1.03243	0.607995	1.15124	1.15124	0.190431	0.685604	-1.45857	0.24306	1.39451	1.39451	0.241981	1.39567	1.39567	1.23382	1.44811	1.04327	1
cg18880390	QKIAA0040;KIAA0040	0.388836	0.229473	0.689131	-1.4511	0.918162	1.03081	1.03081	0.336562	1.33985	1.33985	0.148747	0.633011	-1.57975	0.606976	0.857957	-1.16556	0.168246	0.648202	-1.54273	0.0772981	0.55996	-1.78584	0.76402	0.91494	-1.09297	0.984344	1.00581	1.00581	1.23381	1.70357	1.22733	1
cg13557931	ANAPC7;ANAPC7	0.38884	0.412137	0.876547	-1.14094	0.0697644	0.716419	-1.39583	0.782223	0.955459	-1.04662	0.426509	1.14284	1.14284	0.599104	0.916484	-1.09113	0.345972	0.852481	-1.17305	0.136397	1.30197	1.30197	0.609988	1.08828	1.08828	0.916342	0.98287	-1.01743	1.2338	0.538421	0.380701	1
cg22859980	ZNF564	0.388842	0.154816	0.715999	-1.39665	0.345301	1.2377	1.2377	0.474947	1.17301	1.17301	0.0704844	0.666573	1.50021	7	7	1.50021	0.173203	0.727627	-1.37433	0.674263	0.911426	-1.09716	0.479305	0.854064	-1.17087	0.946023	0.982255	-1.01497	1.23379	0.940576	0.697641	1
cg11871628	CITED1	0.388843	0.119427	0.365137	-2.7387	0.0702	0.299148	-3.34283	0.118278	0.363798	-2.74878	0.664317	1.29736	1.29736	0.208808	0.453865	-2.2033	0.452518	0.633618	-1.57824	0.748476	0.82546	-1.21145	0.953852	0.960083	-1.03511	0.998976	0.999235	-1.00077	1.23379	6.94641	5.00456	1
cg00970435	ARSG	0.388844	0.261731	0.48921	-1.44925	0.793433	0.941305	-1.06253	0.0220603	0.237585	0.1089	0.0751558	0.1089	0.0751558	0.0944431	0.04371	-1.04171	0.877607	1.05381	1.05381	0.148131	1.30881	1.30881	0.774667	1.10371	1.10371	0.787498	0.912161	-1.0963	1.23379	2.2626	1.63011	1
cg06209217	ZNF286B;FOXO3B	0.388848	0.909337	0.980208	-1.02019	0.920022	0.983617	-1.01666	0.794108	0.955139	-1.04697	0.0831109	1.40032	1.40032	0.321589	1.19686	1.19686	0.416789	1.15677	1.15677	0.644528	1.08495	1.08495	0.247861	1.23616	1.23616	0.122027	0.745183	-1.34195	1.23378	0.601776	0.439556	1
cg07115598	TLE2;TLE2;TLE2	0.388858	0.504632	0.740585	-1.35078	0.180021	0.879205	-1.14217	0.332508	0.70413	-1.42062	0.0413	1.35002	1.35002	0.397257	0.844953	-1.1835	0.849602	0.974861	-1.02594	0.841898	1.1452	1.25142	0.0239161	1.23962	1.23962	0.0206126	0.605119	0.497519	1.23379	1.2303	1.375	1
cg08881159	NLGN4X;NLGN4X	0.388863	0.333909	0.760363	-1.31516	0.934875	0.977785	-1.02272	0.813739	1.06703	1.06703	0.727559	1.10091	1.10091	0.498123	0.827743	1.2081	0.022726	0.472577	-2.11606	0.183614	0.678551	-1.47373	0.681893	0.892894	-1.11995	0.952733	0.983837	-1.01643	1.23374	1.47647	1.06377	1
cg05279901	ATP1A3	0.388869	0.308949	0.79901	1.79901	0.671795	1.26698	1.26698	0.38726	0.610484	-1.61805	0.147061	0.471781	-2.39343	0.177438	0.448123	-2.23153	0.490857	0.677637	-1.47572	0.194661	2.15484	2.15484	0.689655	1.24964	1.24964	0.543016	0.710221	-1.40803	1.25998	6.01219	3.71129	1
cg00047683	PKD113	0.388876	0.947431	0.954703	-1.04693	0.626437	0.624538	-1.64358	0.170451	0.356935	0.82163	0.883762	1.11075	1.11075	0.342603	0.552554	-1.09348	0.319375	0.483749	-2.06719	0.311603	0.317064	-3.15394	0.342081	0.420357	-2.37893	0.719777	1.2847	1.28947	1.23371	9.731	7.01117	1
cg08611093	GLI1;GLI1;GLI1	0.388878	0.914607	0.976084	-1.0245	0.135268	1.43814	1.43814	0.36306	1.23487	1.23487	0.35725	1.23822	1.23822	0.650527	1.10841	1.10841	0.802438	0.944995	-1.05821	0.90015	0.972068	-1.02873	0.0270509	1.80528	1.80528	0.558521	1.14285	1.14285	1.23371	0.99517	0.717021	1
cg26902557	DUSP8;HCCA2	0.388884	0.133006	0.436458	-2.29117	0.0312005	0.274385	-3.64451	0.409278	0.649426	-1.53982	0.424605	0.658963	-1.51734	0.365444	0.621486	-1.60905	0.25682	0.545875	-1.83192	0.348471	0.61035	-1.6384	0.771343	1.16073	1.16073	0.702408	0.87358	-1.14472	1.23367	5.11189	3.68323	1
cg13789186	TSGA10;LIPT1;LIPT1;LIPT1;LIPT1;LIPT1	0.388896	0.819811	0.970689	-1.0302	0.992189	0.998724	-1.00128	0.223736	0.846485	-1.18136	0.266475	1.16295	1.16295	0.0408859	1.33858	1.33858	0.686884	1.05429	1.05429	0.28466	0.865101	-1.15593	0.820989	1.02999	1.02999	0.940854	0.990371	-1.00972	1.23367	0.332166	0.239334	1
cg16367786	ARHGEF10L;ARHGEF10L	0.38902	0.16232	0.377431	-2.64734	0.0274741	1.26173	1.26173	0.0164778	2.46744	2.46744	0.0163121	1.63753	1.63753	0.0304348	1.51337	1.51337	0.365787	0.536994	-1.86222	0.0542859	0.57151	-1.74938	0.778127	0.7985	-1.25235	0.206025	0.405588	0.744383	1.23366	0.847805	0.53129	1
cg13982601	KLC1;KLC1	0.388903	0.665889	0.2533	1.2533	0.0340325	0.61773	-1.61773	0.106478	2.49947	2.49947	0.640702	1.27671	1.27671	0.58969	0.753554	-1.32704	0.793109	0.872313	-1.14638	0.528727	1.39332	1.39332	0.310317	1.72004	1.72004	0.823617	1.12302	1.12302	1.23365	5.27732	3.80249	1
cg21554233	UNC13A	0.389007	0.481002	0.684609	-1.78109	0.424627	0.915375	-1.13009	0.352007	0.776502	-1.28917	0.700736	1.58199	1.58199	0.0574843	0.64705	-1.54533	0.738668	0.880958	-1.13561	0.365486	1.006	1.006	0.997389	0.830555	1.20411	0.0690732	0.188621	0.841602	1.23365	0.805119	0.471955	1
cg12969644	RASEF	0.389014	0.984699	1.01881	1.01881	0.761422	1.34441	1.34441	0.228147	3.41914	3.41914	0.296364	2.86432	2.86432	0.74972	1.36487	1.36487	0.736203	0.719917	-1.38905	0.976945	0.972306	-1.02848	0.0288637	12.2372	12.2372	0.170755	4.1274	4.1274	1.23363	18.4551	13.2978	1
cg03544375	OSBP1	0.389014	0.0787038	0.613301	-1.63052	0.914223	0.972523	-1.02825	0.372959	1.25734	1.25734	0.0879241	0.624048	-1.60244	0.659245	0.894846	-1.11751	0.975005	0.992186	-1.00788	0.32302	1.29121	1.29121	0.969393	1.00965	1.00965	0.683795	1.10796	1.10796	1.23363	1.22473	0.88248	1
cg19234897	EDEM1	0.389019	0.27945	0.604359	-1.65435	0.0127107	0.78445	-1.35799	0.325308	0.749731	-1.35786	0.925308	0.749731	-1.35786	0.925308	0.749731	-1.35786	0.171766	0.474924	-2.10571	0.0239336	0.48117	-2.07861	0.0259599	0.595059	-1.68051	0.57821	1.1639	1.1639	1.23362	1.48266	1.02799	1
cg18815006	TYSND1;TYSND1	0.389028	0.525969	1.10473	1.10473	0.947616	1.01024	1.01024	0.0173116	0.638068	-1.56723	0.732061	1.0567	1.0567	0.548129	0.910107	1.09877	0.526556	0.90533	-1.10457	0.649081	0.931455	-1.07359	0.689197	0.939589	-1.0643	0.817829	1.03641	1.03641	1.23359	0.469363	0.338209	1
cg19462359	URGC41	0.389036	0.44925	0.749204	1.33429	0.0725324	1.56714	1.56714	0.113599	2.24606	2.24606	0.622358	1.93857	1.93857	0.0422605	1.53215	1.53215	0.563317	0.910287	-1.09852	0.757977	0.880958	-1.13648	0.737994	1.3064	1.3064	0.512583	1.3357	1.3357	1.23362	4.32426	3.11598	1
cg26053526	IGSF21	0.38894	0.138391	0.531217	-1.88247	0.503718	1.30874	1.30874	0.417475	1.38897	1.38897	0.274803	0.63728	-1.56917	0.572479	0.797599	-1.25376	0.713207	0.863827	-1.15764	0.166317	0.556972	-1.79542	0.194489	0.580285	-1.72329	0.161829	0.553033	0.808321	1.23357	1.07185	2.21352	1
cg13418415	GPR133	0.388944	0.082328	0.308183	-3.24482	0.476618	1.5568	1.5568	0.763793	1.2024	1.2024	0.693183	0.784536	-1.27464	0.189245	0.427175	-2.34096	0.718499	0.801404	-1.24781	0.496213	0.655368	-1.52586	0.0533003	0.278777	-3.58709	0.784731	0.845808	-1.1823	1.23356	7.30794	5.26601	1
cg13364410	HAPLN4	0.388945	0.3042842	0.732521	1.36577	0.703	1.32557	1.32557	0.347403	1.31784	1.31784	0.211464	1.50521	1.50521	0.0997254	1.40799	1.40799	0.563317	1.07284	1.07284	0.781376	1.13838	1.13838	0.579904	1.3064	1.3064	0.512583	1.3357	1.3357	1.23356	4.32426	3.11598	1
cg24872300	HCN2	0.388959	0.244291	0.34213	2.34213	0.096644	0.760538	-1.31486	0.121351	0.309288	-2.33232	0.753411	1.2463	1.2463	0.578216	1.48055	1.48055	0.886189	1.10524	1.10524	0.937553	0.946726	-1.05637	0.0970017	0.555804	0.728692	-1.37232	0.660787	0.732525	1.36514	1.23327	0.703853	1
cg19758033	DDO5T	0.389063	0.924951	0.964852	-1.03659	0.0161	0.559398	-1.78756	0.0249403	0.315256	0.636935	0.82163	0.883762	1.10812	0.0249403	0.08764	0.656417	1.10812	0.410559	0.824207	0.211282	0.722534	0.814109	1.23603	0.407264	0.344	0.141603	0.154878	0.0086	0.0087	1.23358	0.424003	1
cg00096742	MIR770;MEG3;MEG3;MEG3	0.388969	0.716747	1.19979	1.19979	0.109755	1.39067	1.39067	0.311296	1.68433	1.68433	0.27535	0.567045	-1.76353	0.367057	0.629254	-1.58918	0.187821	0.497709	-2.0092	0.88185	1.07718	1.07718	0.339248	0.611149	-1.63626	0.679718	0.811571	-1.23218	1.2335	1.30794	5.26601	1
cg08873151	FENC1;Est1of10;MIR611	0.388975	0.280969	1.2017	1.2017	0.176273	1.67429	1.67429	0.0853238	1.26095	1.26095	0.169821	1.26504	1.26504	0.377911	1.16254	1.16254	0.182865	1.26882	1.26882	0.0219561	1.18571	1.18571	0.179352	0.804499	-1.27146	0.514488	0.895069	-1.11723	1.2349	0.541418	0.336162	1
cg23332395	PRKJPK	0.389082	0.11128	0.60829	-2.60829	0.719935	1.25353	1.25353	0.496743	1.36494	1.36494	0.308703	1.10714	1.10714	0.802465	0.801904	1.2703	0.89737	0.802563	-1.24607	0.277598	0.75042	0.761741	-1.31278	0.0443257	0.76486	0.764766	0.23347	15.1543	10.9208	1
cg08758871	INTS1	0.389083	0.873554	1.05849	1.05849	0.410475	0.74052	-1.3504	0.698599	1.14898	1.14898	0.927029	1.03323	1.03323	0.0166249	0.352109	-2.84003	0.851023	1.06941	1.06941	0.418717	0.744597	-1.34301	0.694239	0.86848	-1.15144	0.592285	0.824533	-1.21281	1.23347	2.48852	1.79333	1
cg05477933	HOXC4;HOXC5;HOXC5	0.389092	0.718244	1.15059	1.15059	0.707902	1.04546	1.04546	0.811	0.509125	0.86603	-1.15393	0.656822	0.908831	-1.10054	0.847158	1.18004	0.914762	1.14446	1.14446	0.469669	0.848163	0.879256	-1.13692	0.833699	0.94994	-1.05197	0.684838	0.801271	0.885785	1.23347	0.880285	0.643388	1
cg14039463	LPGAT1	0.389097	0.590955	0.827284	-1.20877	0.996613	1.00152	1.00152	0.730117	1.13175	1.13175	0.483209	0.775173	-1.29004	0.211553	0.624757	-1.60062	0.917906	1.05728	-1.07558	0.796459	0.692095	0.867402	-1.15287	0.458703	0.763645	-1.30951	0.839912	0.930265	1.07496	1.23344	2.49511	1.79813	1
cg08272921	C14orf132	0.389098	0.89582	0.899608	-1.1116	0.118914	3.97544	3.97544	0.0170501	6.03568	6.03568	0.0957526	5.95704	5.95704	0.0446	6.26526	6.26526	0.588025	-2.72715	0.0239755	0.0197	0.588025	-2.72715	0.0239755	0.0197	0.588025	-2.72715	0.0239755	0.0197	1.23343	1.76699	1.27	1
cg07220922	LOC285370	0.389102	0.329713	0.8084	-1.23686	0.0436064	0.126119	-7.92903	0.0658464	0.11958	-8.26645	0.0870037	0.09131	-10.9511	0.0262688	0.126268	-7.92045	0.454324	0.509374	-1.9638	0.196951	0.46243	-2.16249	0.199908	0.329221	-3.04019	0.525886	0.564679	-1.77092	1.2334	0.54442	0.311303	1
cg18864581	ZWILCH;ZWILCH;RPL4;ZWILCH	0.389102	0.26158	0.58228	-3.8228	0.56154	1.57863	1.57863	0.92269	1.07851	1.07851	0.131761	0.282139	-3.54435	0.140623	0.291483	-3.43073	0.187966	0.33747	-2.95992	0.785893	1.23587	1.23587	0.21585	1.11192	1.11192	0.690268	1.36552	1.36552	1.23338	13.1368	8.51627	1
cg25120284	TTLL6	0.389104	0.979842	1.01494	1.01494	0.0737013	0.776863	-1.28795	0.669697	0.0900052	0.76631	0.657923	0.76631	0.657923	0.0900052	0.76631	0.657923	0.630729	0.759181	-1.31721	0.192222	0.456034	-2.19282	0.201734	0.46448	-2.15295	0.442573	0.56106	1.56106	1.23337	0.32081	0.45554	1
cg19097866	TRAK1	0.389027	0.979821	1.01449	1.01449	0.337013	0.569457	-1.75606	0.361097	1.70583	1.70583	0.11894	2.61873	2.61873	0.686204	0.793707	-1.25991	0.630729	0.759181	-1.31721	0.192222	0.456034	-2.19282	0.201734	0.46448	-2.15295	0.442573	0.56106	1.56106	1.23337	0.32081	0.45554	1
cg24020806	SPAR72	0.389034	0.85314	1.08553	1.08553	0.370704	1.49079	1.49079	0.745802	1.15377	1.15377	0.824655	1.1012	1.1012	0.637097	0.729284	1.22928	0.282212	0.615423	-1.6249	0.0374429	2.85472	2.85472	0.244858	1.60932	1.60932	0.515501	0.748478	1.31544	1.23337	3.68624	2.65667	1
cg25078442	RAB15	0.38903	0.884263	1.03685	1.03685	0.0269024	0.91773	1.91773	0.957193	0.986758	-1.01342	0.708485	0.910909	-1.0978	0.432846	1.22	1.22	0.823012	1.05723	1.05723	0.38284	1.24899	1.24899	0.504645	0.845183	-1.18318	0.211566	1.38676	1.38676	1.23336	1.20567	0.86893	1
cg24158553	GABPB1;GABPB1-IT1;I0038;GABPB1;GA BPB1;LOC100128187;GABPB1	0.389038	0.636311	1.13008	1.13008	0.466235	0.826665	-1.20968	0.0280083	0.513558	-1.9472	0.916341	0.973385	-1.02734	0.232314	1.3793	1.3793	0.82558	1.0583	1.0583	0.85442	0.953941	-1.04828	0.522605	0.846747	-1.18099	0.639602	0.885966	-1.12871	1.23334	1.28743	0.927873	1
cg14079243	AGTPBP1	0.389038	0.155706	0.670163	-1.49217	0.276127	0.741934	-1.34783	0.0457692	0.54696	-1.82829	0.361741	1.28021	1.28021	0.451457	0.816975	-1.22403	0.909669	0.970538	-1.03036	0.488799	0.831228	-1.20304	0.700564	1.10718	1.10718	0.870162	0.957813	1.04404	1.23334	1.35614	0.977391	1
cg05737842	MIR613;APOLD1	0.389049	0.883089	1.0249	1.0249	0.0939	1.32604	1.32604	0.0182652	1.26502	1.26502	0.0178416	1.15471	1.15471	0.0441257	1.22354	1.22354	0.887267	1.04684	1.04684	0.424642	1.50406	1.50406	0.0151812	1.3264	1.3264	0.0110436	0.992712	1.3264	1.23333	1.09059	0.544646	1
cg15208630	TMEM192	0.389053	0.534431	0.852161	-1.17349	0.669285	0.896505	-1.11544	0.448657	1.21692	1.21692	0.909773	1.02924	1.02924	0.0841625	0.615179	-1.62554	0.149081	0.674752	-1.48203	0.21388	0.716934	-1.39483	0.108199	0.640435	-1.56144	0.673088	0.897716	-1.11394	1.23331	1.26284	0.910176	1
cg11731746	DPP10	0.389061	0.641226	1.1386	1.1386	0.528089	0.837947	-1.19339	0.297976	0.742001	-1.34771	0.967909	0.988934	-1.01119	0.843407	0.946768	-1.05623	0.980575	0.993280	-1.00676	0.924202	1.29382	1.29382	0.236254	0.709451	-1.40954	0.437434	0.803249	-1.24494	1.23329	1.49421	1.07695	1
cg21113094	ppTF322	0.389065	0.144324	0.644585	-1.55259	0.626705	1.02606	1.02606	0.185083	1.55009	1.55009	0.140146	1.30196	1.30196	0.250313	1.32274	1.32274	0.576478	-1.74041	0.0706571	0.0247	0.576478	-1.74041	0.0706571	0.0247	0.576478	-1.74041	0.0706571	0.0247	1.23328	1.55243	1.3009	1
cg19300741	SLC6A1	0.38907	0.484219	1.13236	1.13236	0.506434	1.12511	1.12511	0.518738	1.12119	1.12119	0.907771	1.02047	1.02047	0.927567	0.884227	-1.01603	0.782479	0.952757	-1.04959	0.605507	1.09539	1.09539	0.920139	0.982617	-1.01769	0.0142574	1.69649	1.69649	1.23327	0.597234	0.430461	1
cg18944838	DPP2C	0.389073	0.426827	0.582352	1.71722	0.0533863	1.01271	1.01271	0.934686	2.83855	2.83855	0.0139078	2.92822	2.92822	0.0139078	2.92822	0.0139078	0.563317	0.943707	-1.06007	0.729228	0.880958	-1.13648	0.737994	1.3064	1.3064	0.512583	1.3357	1.3357	1.23327	0.6732	0.53157	1
cg06993714	NFATC4	0.389077	0.438816	0.57316	-1.74472	0.671082	1.35133	1.35133	0.187435	2.67715	2.67715	0.342451	0.488145	-2.04857	0.595921	0.381373	-2.62211	0.821013	0.852377	-1.17319	0.0979155	3.5958	3.5958	0.655504	0.728692	-1.37232	0.660787	0.732525	1.36514	1.23327	3.70412	6.99435	1
cg24345793	USP5;USP5;CDC43	0.389074	0.134893	1.3907	1.3907	0.773226	1.0609	1.0609	0.180709	1.33754	1.33754	0.331767	1.22443	1.22443	0.0621125	1.5369	1.5369	0.821013	0.852377	-1.17319	0.0979155	3.5958	3.5958	0.655504	0.728692

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df( )
cg06649471	SDCCAG8	0.389429	0.757442	1.09769	1.09769	1.05533308	1.9223	1.9223	0.587506	1.18394	1.17914	1.13975	0.607493	1.12473	1.12473	1.17124	1.177101	0.649451	1.53976	0.317285	1.36483	1.36483	0.21379	1.48266	1.48266	0.817408	1.07206	1.07206	0.355191	1.3313	1.3313	1.23245	1.76687	1.27434	1
cg27644622	WDR67;WDR67	0.38943	0.584833	0.914771	-1.09317	0.5539831	0.702434	-1.42362	0.846685	1.03175	1.03175	1.169381	0.789481	-1.26665	0.64189	1.07856	1.07856	0.517633	1.11173	1.11173	0.311599	1.14851	1.14851	0.795619	1.0428	1.0428	1.23245	0.508894	0.367035	1
cg18606923	DGAT2	0.389435	0.162126	0.717284	-1.39415	0.734869	1.07861	1.07861	0.345837	0.805633	-1.24126	0.517712	1.1572	1.1572	0.478643	1.17392	1.17392	0.271968	0.775254	-1.2899	0.211939	1.34006	1.34006	0.384414	0.819932	-1.21961	0.210273	0.745349	-1.34165	1.23243	0.967327	0.697682	1
cg18901371	GRID1	0.389439	0.16593	0.382972	-2.61116	0.160471	0.386454	-2.58777	0.0951556	0.303859	-3.291	0.579034	0.894847	-1.43917	0.313602	0.508101	-1.9678	0.371634	0.551058	-1.81446	0.140759	0.357271	-2.799	0.405867	1.73746	1.73746	0.702646	0.779654	-1.28262	1.23243	0.823733	0.594119	1
cg10491372	MYBBP1A;MYBBP1A	0.38944	0.326624	0.38621	-2.58927	0.500473	1.90112	1.90112	0.738645	1.36966	1.36966	0.942028	0.942711	-1.06077	7	7	7	0.870935	0.169514	-5.89923	0.395754	2.26373	2.26373	0.260649	3.01061	3.01061	0.317814	2.63798	2.63798	1.22753	15.2506	12.4239	1
cg26648103	SYT12	0.389442	0.713733	0.795318	-1.25736	0.0193125	1.8025	1.8025	0.56355	1.43756	1.43756	0.510583	0.6604491	-1.51408	0.79626	0.851444	-1.17448	0.416369	1.67582	1.67582	0.971422	0.97798	-1.02252	0.937314	1.0501	1.0501	0.763461	0.828949	-1.20635	1.23242	7.54087	5.4389	1
cg19909623	AUTS2;AUTS2	0.389446	0.594059	1.1906	1.1906	1.1704514	0.622862	-1.60549	0.0669063	0.513688	-1.94671	0.904484	0.961816	-1.0397	0.862898	0.05766	1.05766	0.563056	1.20879	1.20879	0.578727	1.19949	1.19949	0.64456	1.1626	1.1626	0.201224	1.5492	1.5492	1.23241	2.05289	1.48067	1
cg03621406	FBXL12 PPIL3;NIF3L1;PPIL3;PPIL3;NIF3L1;PPIL3;	0.38945	0.59843	0.89065	-1.12278	0.217271	1.32691	1.32691	0.120472	1.44338	0.653065	1.0025	0.598232	1.38528	0.503182	1.00484	1.00484	0.551916	1.14013	1.14013	0.113666	0.687254	-1.45507	0.900185	1.02772	1.02772	0.228861	1.31675	1.31675	1.2324	0.926722	0.668414	1
cg04129946	NIF3L1	0.389459	0.229823	0.832487	-1.20122	0.886534	1.02099	1.02099	0.893893	1.01961	1.01961	0.255282	1.18865	1.18865	0.619148	1.07564	1.07564	0.184264	1.22745	1.22745	0.191758	0.81784	-1.22273	0.476573	1.11107	1.11107	0.169059	1.23764	1.23764	1.23238	0.413271	0.298084	1
cg04849946	NEK3;NEK3;NEK3;NEK3	0.389461	0.192832	0.44809	-2.23703	0.103536	1.91013	1.91013	0.26557	0.6489336	0.269916	-3.70485	0.340878	0.584276	-1.77124	0.155914	0.67435	-1.48325	-2.40241	0.353423	0.572016	-1.7482	0.337349	0.562069	-1.77914	0.563239	0.077572	-1.02488	0.184559	0.594945	-1.68083	1.23237	6.6218	4.77619	1
cg03950371	EP300	0.389471	0.860392	0.910712	-1.09804	0.235182	1.93677	1.93677	0.60908	1.31525	1.31525	0.863076	1.09604	1.09604	0.124639	0.413435	-2.41876	0.538322	0.718193	-1.39238	0.474384	0.679417	-1.47185	0.10249	2.58392	2.58392	0.402062	1.57717	1.57717	1.23235	5.50915	3.97372	1
cg24883574	GCC1;GCC1	0.389473	0.353883	1.11317	1.11317	0.553411	0.915785	-1.06862	0.534413	1.07214	1.07214	0.454512	1.08008	1.08008	0.494025	0.929595	-1.07992	0.822426	0.975423	-1.0252	0.635636	1.05426	1.05426	0.137566	1.19982	1.19982	0.044643	1.29074	1.29074	1.23235	0.219155	0.17253	1
cg16837557	KIRREL3;KIRREL3	0.389476	0.144995	0.417417	-2.39568	0.137087	0.40907	-2.44457	0.294483	0.545036	-1.83474	0.787119	0.859772	-1.1631	0.627946	0.758409	-1.31335	0.401793	1.61443	1.61443	0.145223	1.3287	1.3287	0.08945B1	0.351634	-2.84387	0.465749	0.160778	-1.51337	1.23234	0.08086	0.43814	1
cg06483575	ZNF343	0.389478	0.25718	1.81552	1.81552	0.98421	0.990069	-1.01003	0.659716	0.79706	-1.26443	0.668762	0.627862	-1.59271	0.297141	1.7248	1.7248	0.543201	1.36391	1.36391	0.065391	0.29701	0.94737	1.63362	1.63362	0.210859	1.9441	1.9441	1.23234	4.9639	3.58048	1
cg18274559	VAR5	0.389478	0.470862	1.3752	1.3752	0.761685	1.56769	1.56769	0.0453576	1.30205	0.563551	1.43756	1.43756	0.510583	0.6604491	-1.51408	0.79626	0.851444	7.74027	0.289234	-1.12456	0.734765	0.862693	-1.15916	0.958619	1.02279	1.02279	0.806403	0.898946	-1.11241	1.23234	3.68393	2.6558	1
cg07719884	CDC20	0.389493	0.316692	2.40574	2.40574	0.743426	1.31954	1.31954	7	7	7	0.700069	1.38659	1.38659	7	7	7	0.636356	1.20879	1.20879	0.578727	1.19949	1.19949	0.64456	1.1626	1.1626	0.201224	1.5492	1.5492	1.23241	2.05289	1.48067	1
cg18140645	ADAMTS6	0.389498	0.142293	0.490541	-2.03857	0.25937	0.194431	-1.70114	0.900807	0.945251	-1.05792	0.248802	1.72343	1.72343	0.209006	1.81941	1.81941	0.445731	1.16423	1.16423	0.046113	0.631759	-1.58288	0.896068	0.974227	-1.02645	0.464406	1.16192	1.16192	1.23229	0.792769	0.573151	1
cg02239504	UBR4	0.3955	0.152097	1.36236	1.36236	0.599032	0.898585	-1.11286	0.990431	0.997586	-1.00242	0.651184	1.06607	1.06607	0.655244	0.913407	1.0948	0.280711	0.903233	-1.10713	0.574962	0.949873	-1.05277	0.8831043	1.19024	1.19024	0.539297	1.05804	1.05804	1.23228	0.160798	0.115989	1
cg12001887	LDOC1L	0.389501	0.962738	0.995768	-1.00425	0.271217	0.901251	-1.10957	0.14983	1.15044	1.15044	0.894606	1.0121	1.0121	0.664922	1.04035	1.04035	0.280711	0.903233	-1.10713	0.574962	0.949873	-1.05277	0.8831043	1.19024	1.19024	0.539297	1.05804	1.05804	1.23228	0.160798	0.115989	1
cg03531687	RARB;RARB	0.389503	0.161693	0.643276	-1.55474	0.31727	1.3281	1.328	0.583525	0.874497	-1.14351	0.769757	1.09904	1.09904	0.396615	0.840499	-1.19005	0.872262	0.949544	-1.05334	0.940095	0.976344	-1.02423	0.475562	1.24432	1.24432	0.203365	0.649203	-1.54055	1.2322	1.26412	0.203365	0.649203	1.45744	1.55
cg05778820	SLC9A1	0.389508	0.406807	0.595061	-1.6805	0.254628	2.07012	2.07012	0.216369	2.21619	2.21619	0.042133	0.619386	-1.61476	0.056475	0.266882	-3.74698	0.904476	1.0762	1.07619	0.042302	1.11926	1.11926	0.544617	0.687226	-1.45513	1.23227	7.30282	5.26785	1
cg07178218	SPSB1	0.389515	0.26869	0.577175	-1.73264	0.0824096	0.916506	0.916506	0.178111	0.837203	0.837203	0.683728	0.148002	1.44018	0.144018	0.694486	-1.44018	0.457375	1.47475	1.47475	0.155663	0.531346	-1.88201	0.304204	1.08775	1.08775	0.548323	0.744721	-1.34278	1.23225	4.95334	3.31487	1
cg15429134	LOH12CR1	0.389518	0.413144	0.728755	-1.3722	0.132708	0.541435	-1.84694	0.0989047	0.504468	-1.98229	0.447332	0.7461	-1.3403	0.1637	0.57001	1.75435	0.939982	1.02889	1.02889	0.330883	1.46145	1.46145	0.847591	1.07548	1.07548	0.303858	1.668489	-1.49591	1.23224	2.79128	2.01352	1
cg20072384	MIA3	0.389521	0.239202	1.19908	1.19908	0.3874126	1.32042	1.32042	0.0938955	1.31574	1.31574	0.6839	1.06215	1.06215	0.570392	1.08815	1.08815	0.685368	1.06183	1.06183	0.378181	0.875304	-1.14246	0.531227	0.910818	-1.09791	0.397979	1.13596	1.13596	1.23224	0.424044	0.305454	1
cg19364794	KRBA1	0.389524	0.712801	0.83937	-1.08578	0.183477	1.68683	1.68683	0.74483	0.674774	0.674774	0.508978	-1.08745	0.919709	0.924086	-1.08027	0.925381	0.762586	0.935526	-1.06892	0.444504	0.644753	1.24392	-1.21306	0.503973	1.32479	0.681135	0.904818	1.08946	1.23224	0.984316	0.710051	1
cg01081737	SLC45A4	0.389524	0.579244	0.765323	-1.30664	0.235079	0.551967	-1.8117	0.0631185	0.368561	-2.71326	0.5905	0.771551	-1.29616	0.891503	0.936909	-1.06734	0.866169	1.08388	1.08388	0.72786	1.18153	1.18153	0.11469	1.26867	1.26867	0.909509	1.05579	1.05579	1.23223	4.45	3.21008	1
cg01839742	ZBTB46	0.389524	0.30632	0.556269	-1.79709	0.0436349	1.60047	1.60047	0.800875	0.87245	-1.1462	0.784007	0.828583	-1.20756	0.022466	1.588004	-1.44597	0.355643	0.915005	-1.09283	0.140731	0.826805	-1.20979	0.022466	1.588004	-1.44597	0.140731	0.826805	-1.20979	0.022466	1.588004	-1.44597	5.979332	4.33128	1
cg26480626	FGFR4;FGFR4	0.389531	0.252496	0.671296	-1.48965	0.208428	0.642636	-1.55609	0.35029	0.725744	-1.3779	0.490889	0.791906	-1.26278	0.474072	0.784465	-1.27475	0.074372	0.94038	0.283682	0.688782	-1.45201	0.997352	-1.00178	1.00178	0.74424	1.34356	0.896593	1.11533	1.23221	2.16964	1.56513	1
cg02546487	MAD1L1;MAD1L1;MAD1L1	0.389534	0.192385	0.58503	-1.70931	0.313138	0.666739	-1.49984	0.385877	0.707946	-1.41254	0.384646	0.70728	-1.41387	0.224833	0.609357	-1.64107	0.250775	1.59402	1.59402	0.335943	1.47036	1.47036	0.328301	1.14799	1.14799	0.950272	1.02453	1.02453	1.23221	2.19464	1.52527	1
cg08346632	PARK2;PARK2;PARK2	0.389538	0.767637	1.09737	1.09737	0.833146	1.32792	1.32792	0.104097	1.49163	-2.03391	0.442269	0.73128	-1.36737	0.242269	0.741876	-1.34814	0.389371	1.42241	1.42241	0.311101	1.91775	1.91775	0.462911	0.67318	-1.48571	0.311681	0.659218	-1.51695	1.2322	0.761344	0.514141	1
cg24533206	IRS2	0.389544	0.590502	0.809986	-1.23459	0.450164	1.34784	1.34784	0.430345	1.36633	1.36633	0.52665	0.779684	-1.28257	0.543768	0.880044	-1.1358	0.774983	1.1176	1.1176	0.604534	1.22468	1.22468	0.030535	0.37299	-2.68104	0.360584	0.694463	-1.43996	1.23218	2.93687	2.11864	1
cg18422972	BCOR;BCOR	0.389548	0.373727	1.12838	1.12838	0.549048	0.606068	1.16611	0.872033	0.837428	1.19437	0.363516	0.794944	1.25819	0.379764	0.868172	-1.15182	0.20857	1.25425	1.25425	0.227627	0.667665	-1.49776	0.205622	0.331708	3.01447	0.128418	0.385105	1.59382	1.23217	0.385105	1.59382	1.45744	1
cg13192735	AGAP1;AGAP1	0.389551	0.959782	0.961054	-1.04052	0.0308775	7.36551	7.36551	0.0802783	4.6113	4.6113	0.912303	0.916873	-1.09066	0.789997	1.23401	1.23401	0.320403	2.24519	2.24519	0.471797	1.77995	1.77995	0.801373	1.21966	1.21966	0.659926	1.41739	1.41739	1.23217	12.1102	8.73633	1
cg01370575	CLK3;CLK3 ADARB1;ADARB1;ADARB1;ADARB1;LAD	0.389553	0.641571	1.44228	1.44228	0.5582521	5.32214	5.32214	0.0318183	7.13857	7.13857	0.652282	1.42523	1.42523	0.915524	1.08642	1.08642	0.86813	1.13861	1.13861	0.375513	2.01499	2.03499	0.805577	1.21245	1.21245	0.66339	1.40791	1.40791	1.23216	11.9088	8.59105	1
cg21913632	ARB1;ADARB1;ADARB1	0.38956	0.532433	0.654077	-1.52887	0.0498026	4.49155	4.49155	0.173892	2.64123	2.64123	0.924018	0.937962	-1.06614	0.95394	0.961963	-1.03954	0.813218	1.17223	1.17223	0.40289	0.562869	-1.77661	0.891709	1.09576	1.09576	0.29942	0.485773	-2.05858	1.23215	8.79584	6.34545	1
cg04604962	PCNXL2	0.389567	0.32662	1.72313	1.72313	0.6425	1.67458	1.67458	0.57283	1.28284	1.28284	0.247613	1.76993	1.76993	0.0995	1.89611	1.89611	0.342096	1.53404	1.53404	0.160983	0.923468	-1.08337	0.21191	1.00954	1.00954	0.92123	1.37238	1.37238	1.23213	2.60363	1.45744	1
cg25310036	NIPAL1	0.38957	0.870285	0.964273	-1.03705	0.189382	1.36271	1.36271	0.162131	1.39388	1.39388	0.332834	0.796863	-1.25492	0.155606	1.40247	1.40247	0.90041	1.072514	-1.02826	0.296885	0.786034	-1.27221	0.833852	1.04787	1.04787	0.285951	1.27978	1.27978	1.23212	0.967028	0.697641	1
cg03752138	SOCS3	0.389572	0.207006	-1.41442	0.399796	0.762882	-1.31082	0.682112	0.878698	-1.11805	0.757376	0.907281	-1.10219	0.0620156	0.516951	-1.93442	0.332796	0.730729	-1.3685	0.1711 17	0.632811	-1.58025	0.0570588	0.52491	-1.90509	0.865628	1.05424	1.05424	1.23212	1.92406	1.38808	1
cg27568561	DCTN5;PAL82;DCTN5	0.389574	0.983116	0.995768	-1.00425	0.778445	1.26675	-1.5849	0.0614142	0.878095	1.14008	0.162133	0.993108	0.780206	0.777222	0.886523	-1.12806	0.906702	1.09613	1.09613	0.387039	1.87987	1.87987	0.567941	1.19413	1.19413	0.328103	1.84855	1.84855	1.23211	1.32935	1	1
cg08542096	CPA6;CPA6	0.389575	0.287551	2.46385	2.46385	0.133486	2.26675	-3.74988	0.466885	0.546301	-1.83049	0.0801122	0.204833	-4.88201	0.533382	1.67389	1.67389	0.401419	2.01644	2.01644	0.851637	1.1652	1.1652	0.826039	0.835478	-1.19692	0.595493	0.645615	-1.54891	1.23211	13.0131	9.38808	1
cg13162581	UNK	0.389578	0.492443	1.33155	1.33155	0.5341402	1.19856	1.19856	0.245547	1.6549	1.6549	0.0801477	0.538978	-1.07545	0.317979	0.934086	-1.08027	0.767286	1.93526	1.93526	0.0682	1.18843	1.18843	0.827219	-1.20887	0.722588	-1.37764	0.82223	0.984316	0.710051	1		
cg11326919	LOC100131991	0.389582	0.509712	0.660703	-1.51354	0.307871	1.92343	1.92343	0.494168	1.53766	1.53766	0.370354	0.565478	-1.76842	0.550644	0.687445	-1.45382	0.49811	1.65297	-1.53146	0.0452452	0.240854	-4.15189	0.245752	0.471265	-2.12195	0.496123	0.651644	-1.53458	1.2321	7.49427	5.40669	1
cg17485094	GRHL2	0.389606	0.661682	0.8909	-1.12249	0.144139	1.64047	1.64047	0.0336809	1.37684	1.37684	0.252583	1.0047	1.0047	0.985155	0.995464	-1.00455	0.653982	1.12496	1.12496	0.16029	1.54877	1.54877	0.154877	0.68265	-1.46509	0.0687566	-1.4544	1.23204	0.81935	0.650884	1		
cg00225570	DPY30	0.389609	0.083193	0.81797	-2.14043	0.262328	1.58998	1.58998	0.149717	0.845458	0.642771	0.830832	-1.20361	0.56884	1.27212	1.27212	1.27212	0.162998	0.964285	1.03704	0.738175	0.875623	-1.14204	0.607116	0.814007	1.22836	1.69435	1.49435	1.23204	2.16964	1.56513	1		
cg16133940	CT8S	0.389609	0.854315	0.962158	-1.03933	0.0791641	0.664269	-1.50541	0.294373	0.795919	-1.25641	0.558422	0.883198	-1.13225	0.857029	0.962858	-1.03857	0.085556	0.674133	-1.48339	0.7033397	0.654062	-1.52891	0.56972	0.886407	-1.12815	0.329652	0.809661	-1.23508	1.23204	0.859521	0.620126	1
cg07152981	GPR6	0.389609	0.725174	1.09737	1.09737	0.833146	1.32792	1.32792	0.104097	1.49163	-2.03391	0.442269	0.73128	-1.36737	0.242269	0.741876	-1.34814	0.389371	1.42241	1.42241	0.311101	1.91775	1.91775	0.462911	0.67318	-1.48571	0.311681	0.659218	-1.51695	1.2322	0.761344	0.514141	1
cg09264742	TMEM57;TMEM57	0.389616	0.251643	0.819956	-1.21958	0.133054	0.764437	-1.30815	0.587635	0.931247	-1.09499	0.492849	1.1227	1.1227	0.671557	1.07325	1.07325	0.423473	1.14511	1.14511	0.063595	0.700733	-1.41296	0.981455	0.996155	-1.00386	0.642892	0.925528	-1.08064	1.23202	0.536055	0.386758	1
cg04351402	FGD3	0.389626	0.456618	0.752618	-1.32917	0.0596464	0.483093	-2.07014	0.0417592	0.447797	-2.23315	0.999604	0.99983	-1.00017	0.53219	0.879333	-1.13707	0.938403	1.02681	1.02681	0.467631	0.736465	-1.28785	0.607058	0.855963	-1.16873	0.780706	1.10025	1.1022	1.23202	2.28661	1.6498	1
cg01089882	ERICH1	0.389628	0.201218	0.68064	-1.46902	0.934438	1.07016	1.07016	0.0670515	0.823634	-1.21413	0.867145	1.04539	1.04539	0.688906	0.973787	-1.04444	0.306279	1.42644	1.42644	0.144679	0.227488	-1.52932	-1.15909	1.2322	1.52932	0.661723	0.862748	-1.15909	1.232	2.19396	1.58295	1
cg21157519	ERO1L;ERO1L ZNF438;ZNF438;ZNF438;ZNF438;ZNF43	0.389628	0.485526	2.11109	2.11109	0.137863	0.649351	-1.54	0.763373	0.921647	-1.08501	0.437179	0.821265	-1.21763	0.764908	0.19037	1.09037	0.254741	1.379	1.379	0.0955818	0.607971	-1.64011	0.8167	0.939183	-1.06476	0.236063	0.714953	-1.39869	1.23199	1.42494	1.0281	1
cg17554553	8;ZNF438;ZNF438	0.389629	0.318792	1.19683	1.19683	0.88355	0.974765	-1.02589	0.930843	0.984977	-1.01525	0.0750754	0.707744	-1.41294	0.13593	0.755618	-1.32342	0.20613	0.792499	-1.26183	0.619372	1.09125	1.09125	0.332663	0.840064	-1.19039	0.827238	0.962601	-1.03885	1.23199	0.593382	0.428129	1
cg16607258	CCDC130	0.389634	0.839887	0.953112	-1.0435	0.0572481	1.56728	1.56728	0.622944	1.10674	1.10674	0.870723	1.03461	1.03461	0.979432	0.993067	-1.00608	0.824273	1.04755	1.04755	0.369773	1.21217	1.21217	0.058808	1.56884	1.56884	0.526668	0.874583	-1.44194	1.23198	0.851486	0.614459	1
cg18775702	C15orf39	0.389637	0.326563	0.626668	-1.59574	0.878922	1.07352	1.07352	0.308086	1.62706	1.62706	0.957434	0.975673	-1.02493	0.364642	0.325706	3.07025	0.941671	1.0668	1.0668	0.0334	0.613269	0.560763	1.3118	1.3118	0.259084	1.58085	1.58085	-1.72162	1.23197	4.1539	2.99711	1
cg14210275	TMEM107;TMEM107	0.389644	0.875639	0.967121	-1.034	0.546595	0.877889	-1.1391	0.731903	1.07617	1.07617	0.589608	0.890257	-1.12327	0.678349	0.914824	-1.09311	0.402862	0.832984	-1.2005	0.0158094	0.531988	-1.87974	0.347206	0.81333	-1.22951	0.412604	0.836262	-1.1958	1.23196	0.889068	0.641487	1
cg05118904	DNAJB6	0.389647	0.771263	1.09737	1.09737	0.833146	1.32792	1.32792	0.104097	1.49163	-2.03391	0.442269	0.73128	-1.36737	0.242269	0.741876	-1.34814	0.389371	1.42241	1.42241	0.311101	1.91775	1.91775	0.462911	0.67318	-1.48571	0.311681	0.659218	-1.51695	1.2322	0.761344	0.514141	1
cg27056599	KCN12	0.38965	0.448068	1.72127	1.72127	0.640435	1.69527	1.69527	0.820562	0.852507	-1.17301	0.627664	1.40958	1.40958	0.104798	0.287902	-1.47341	0.074458	0.08372	-2.03872	0.889263	1.1028	1.1028	7	7	7	0.987864	0.989373	-1.01074	1.22703	8.5221	6.94529	1
cg26559242	CACNG8	0.389653	0.118188	0.638666	-1.56594	0.547868	1.20686	1.20686	0.0782662	1.13991	1.13991	0.306106	0.720627	-1.38768	0.0204366	0.480487	-2.08201	0.239508	0.711565	1.40563	0.209102	0.694212	-1.44055	0.464678	0.796492	-1.25551	0.675384	0.877899	-1.13904	1.23194	0.58333	0.413291	1
cg02418452	TCHP;TCHP	0.389653	0.193089	2.19317	2.19317	0.724432	0.817235	-1.22364	0.884408	1.08672	1.08672	0.674711	1.27211	1.27211	0.487886	1.49458	1.49458	0.441297	1.56474	1.56474	0.138587	0.402875	-2.48216	0.110894	0.371435	-2.69226	0.490087	0.149145	1.49145	1.23193	0.34355	0.457712	1
cg00407853	FHOD3 SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.389658	0.925062	1.03543	1.03543	0.21259	0.615208	-1.62547	0.463096	0.758528	-1.31834	0.258781	0.646625	-1.54649	0.103131	0.411375	-2.43087	0.603613	0.823799	-1.21189	0.455586	1.32473	1.32473	0.419796	0.737109	-1.35665	0.657743	1.17938	1.17938	1.23193	2.67161	1.92767	1
cg23398335	C12A6	0.389656	0.211843	0.524152	-1.90784	0.256514	0.556068	-1.79834	0.986777	0.991894	-1.00817	0.873685	1.08128	1.08128	0.401918	0.656157	-1.52403	0.086358	0.394337	-2.5359	0.250589	1.80336	1.80336	0.369779	1.57207	1.57207	0.875517	1.08004	1.08004	1.23193	4.70678	3.39615	1
cg10689470	MOXD1;MOXD1;MAN2B1	0.389657	0.455628	1.18966	1.18966	0.475884	1.37389	1.37389	0.134128	1.08111	1.08111	0.517197	1.16209	1.16209	0.0600	1.21756	1.21756	0.247167	0.758198	-1.31892	0.091979	0.654985	-1.52675	0.998705	1.00136	1.00136	0.99705	1.11294	1.11294	0.157496	1.41283	1.23193	1.02106	0.736736	1
cg00792785	PLCL1;PLCL1	0.389665	0.78223	1.33049	1.33049	0.322708	2.0704	2.0704	0.42864	2.36189	2.36189	0.778131	1.33792	1.33792	0.103455	1.0131323	7.61482	0.247167	0.758198	-1.31892	0.091979	0.654985	-1.52675	0.998705	1.00136	1.00136	0.99705	1.11294	1.11294	0.157496	1.41283	1.23193	1.02106	0.736736	1
cg09544892	BAHCC1	0.389665	0.315396	0.751369	-1.3309	0.802319	0.933257	-1.07152	0.0777761	1.71559	1.71559	0.938567	0.978998	-1.02145	0.323339	0.755106	-1.32432	0.71928	0.905392	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1219 vs. N)	Fold-Change(1219 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
1A4430624	ADM	0.390025	0.40898	0.850431	-1.17587	1.364537	1.19573	1.19573	0.815981	1.04474	1.04474	0.673712	0.18464	1.08464	0.940753	0.987983	0.212016	0.413854	1.17466	1.17466	0.018204	0.617141	1.02037	1.020495	0.878264	-1.13861	1.698273	1.0776	1.0776	1.23108	0.717609	0.51814	1
cg02289762	HNRNPM;HNRNPM	0.390026	0.163466	0.742887	-1.3461	1.44482	1.16843	1.16843	0.246427	0.784878	-1.27408	0.998815	1.00005	1.00005	0.210216	1.28159	1.28159	0.654958	0.914033	-1.09045	0.670632	0.918062	-1.08205	0.202891	0.764425	-1.30817	0.144631	0.731162	-1.36769	1.23108	0.778661	0.562223	1
cg00245012	SPIN2B;SPIN2B;SPIN2B	0.390027	0.083819	0.224239	-4.45953	0.123243	0.271238	-3.6868	0.735281	0.767062	-1.30368	0.573122	1.56035	1.56035	0.318138	0.446501	-2.23964	0.202762	0.349669	-2.85984	0.649152	1.43034	1.43034	0.790273	1.23158	1.23158	0.536491	1.63089	1.63089	1.23108	1.91661	8.59667	1
cg21745110	NAV2;NAV2;NAV2	0.390037	0.284242	0.427944	-2.33675	0.594023	0.664006	-1.50501	0.41814	0.531919	-1.87999	0.687768	0.784735	-1.36104	7	7	7	7	0.222804	0.376275	-2.65763	0.288381	2.31857	2.318572	1.23958	8.74566	8.1955	1
cg14062468	SYN3	0.390041	0.846858	0.958692	-1.04309	2.04029	0.764721	-1.30767	0.288145	0.786155	-1.27201	0.769142	1.06632	1.06632	0.682131	1.09401	1.09401	0.566911	0.881367	-1.1346	0.218515	0.753988	-1.33628	0.605819	1.56967	1.56967	0.699089	1.08444	1.08444	1.23105	0.928109	0.670149	1
cg09325711	RALA	0.390045	0.305435	0.701119	-1.42629	0.180711	0.621533	-1.60893	0.644621	1.16813	1.16813	0.048800	0.471199	1.02225	0.594955	1.19668	1.19668	0.450506	0.775235	-1.28993	0.853322	0.940032	-1.06379	0.819712	0.926459	-1.07938	0.363813	1.36652	1.36652	1.23105	2.18285	1.57614	1
cg06193775	TRIM46;KRTCAP2	0.390046	0.45366	1.39108	1.39108	0.447802	1.3973	1.3973	0.544816	1.30346	1.30346	0.263649	1.65513	1.65513	0.539918	0.764651	-1.30779	0.565051	0.826533	-1.20987	0.077593	0.428168	-2.33553	0.246555	1.68874	1.68874	0.35884	1.5038	1.5038	1.23104	3.64571	2.63244	1
cg22645809	UFF1B;UFF3B	0.390052	0.127452	0.121051	-8.26099	0.088958	0.095162	-10.8808	0.784479	0.628994	-1.59007	0.154102	7.06121	7.06121	0.841158	1.29314	1.29314	0.321886	0.216544	-1.70997	0.490287	0.409281	-2.44331	0.830226	0.759511	-1.31664	0.507768	0.505546	-1.97806	1.23102	31.999	23.1056	1
cg17099683	PAPOLA	0.390057	0.0288596	0.539145	-1.85479	0.090852	0.997256	-1.00275	0.49535	0.847073	-1.18054	0.227203	0.757924	-1.35515	0.312076	0.778266	-1.28491	0.270634	0.759606	-1.31647	0.27354	0.760972	-1.31411	0.455943	0.833577	-1.19965	0.70457	1.00562	1.01962	1.23101	1.12042	0.809035	1
cg01556010	UPRT;UPRT	0.390061	0.222506	0.278898	-3.58554	0.0853832	0.150437	-6.64728	0.402715	0.426145	-2.34662	0.185375	0.45066	0.45066	0.957053	0.947773	-1.0551	0.174861	0.237566	-4.20936	0.81735	0.794193	-1.25914	0.987583	1.01562	1.01562	0.709655	1.45138	1.45138	1.231	19.3426	13.967	1
cg16573663	PPP1CA;PPP1CA;PPP1CA	0.390064	0.454883	0.739913	-1.35203	0.274013	0.240157	-3.94758	0.777879	0.709415	1.09415	0.794222	0.917137	1.09175	0.804144	1.55371	1.55371	0.250092	0.687553	-1.45443	0.450558	1.27712	1.27712	0.920942	0.984808	-1.01209	0.101907	1.76767	1.76767	1.23099	1.9737	1.42519	1
cg19148051	ICAM2;ICAM2	0.39008	0.712164	0.88756	1.08756	0.931343	1.01971	1.01971	0.286391	0.77821	-1.285	0.225368	0.749459	-1.3343	0.106704	1.49025	1.49025	0.929913	0.982072	-1.02013	0.214012	0.743534	-1.34493	0.308243	1.26982	1.26982	0.511867	1.16263	1.16263	1.23096	1.0002	0.722255	1
cg08432886	VPS13D;RP5-1108K14.10;RP5-1108K14.10	0.390087	0.438841	0.625597	-1.59847	0.210226	0.64524	-1.23006	0.693286	0.790198	-1.26551	0.754053	1.20526	1.20526	0.642783	1.64206	1.64206	0.724717	0.508726	-1.9657	0.0431974	0.255166	-3.91643	0.3118	0.541653	-1.8462	0.107424	0.152131	-2.83986	1.23094	6.89776	4.96776	1
cg26843490	KCNMB4	0.390089	7	7	7	7	0.124355	-1.12435	7	7	7	7	0.919128	-1.08799	0.705392	1.30258	1.30258	0.898301	0.91485	-1.09308	0.0250264	0.156346	-6.39608	0.540488	0.649681	-1.53922	0.585894	0.681895	-1.4665	1.21945	7.27666	6.81961	1
cg17617223	ZER1	0.390092	7	7	7	7	0.107722	-1.02722	0.895121	0.975878	-1.02472	7	7	7	7	7	7	0.223081	0.397571	-2.51527	0.133846	0.311957	-3.20557	0.772479	1.23229	1.23229	0.157401	0.336444	-2.97226	1.23091	10.1198	7.30793	1
cg27384452	TEX2	0.390103	0.312788	0.471305	-1.12177	0.469999	1.70894	1.70894	0.662299	1.44643	1.45443	0.258015	0.427252	-2.34054	0.215356	0.39079	-2.55892	0.423387	0.769477	-1.29958	0.0462536	2.11558	2.11558	0.340681	0.724536	-1.38039	0.961959	1.01577	1.01577	1.2309	2.09938	1.51605	1
cg00429513	RGS12;RGS12;RGS12	0.390105	0.670262	0.868877	-1.15091	0.752225	0.901284	-1.10953	0.28211	0.692945	-1.44311	0.306694	0.706612	-1.4152	0.72776	1.12152	1.12152	0.433887	0.769477	-1.29958	0.0462536	2.11558	2.11558	0.340681	0.724536	-1.38039	0.961959	1.01577	1.01577	1.2309	2.09938	1.51605	1
cg05972156	SLC6A19	0.390108	0.241077	0.69793	-1.43294	0.0948941	0.58331	-1.71436	0.0508878	0.53099	-1.92164	0.412962	0.78266	-1.27802	0.554466	0.819956	-1.21992	0.620719	0.863729	-1.15727	0.436103	0.788353	-1.26681	0.645563	0.872383	-1.1457	0.41591	1.26295	1.2309	1.68152	1.21431	1
cg20511966	TRAPPC9;TRAPPC9	0.390112	0.308802	0.44025	-2.44025	0.0832667	0.147925	1.94275	0.863351	0.942081	-1.06148	0.758653	1.09257	1.09257	0.503444	0.790436	-1.26513	0.900078	1.04447	1.04447	0.146452	0.582823	-1.71579	0.297739	1.45335	1.45335	0.482942	0.781173	-1.28013	1.23089	2.33851	1.68876	1
cg11608114	LOC338799;SETD1B	0.390115	0.500972	1.20532	1.20532	0.0543258	1.81662	1.81662	0.430176	1.24627	1.24627	0.334133	1.31304	1.31304	0.107787	1.61574	1.61574	0.587771	0.861024	-1.16141	0.368331	1.2874	1.2874	0.612864	1.1497	1.1497	0.509565	0.832846	-1.2007	1.23088	1.45714	1.05228	1
cg22985929	MLLT1	0.390117	0.712312	1.1809	1.1809	0.133103	0.0302556	1.94758	0.0203557	1.13748	1.13748	0.213497	0.449658	2.22916	0.124928	0.474161	2.10898	0.341009	0.643575	-1.55382	0.294845	0.631881	-1.62917	0.964972	1.34096	1.34096	0.11994	0.334012	-2.99387	1.23087	3.93431	2.84121	1
cg07103201	CYTSB;CYTSB	0.390119	0.889356	0.877311	-1.13985	0.0298762	0.09045	-11.0558	0.208093	0.287059	-3.48361	0.875256	1.1592	1.1592	0.90874	1.11386	1.11386	0.639791	0.641957	-1.55774	0.967803	1.03868	1.03868	0.30184	0.72617	0.72617	0.759726	1.33438	1.33438	1.23087	17.2381	12.4487	1
cg23706094	HPS3	0.390123	0.472234	1.1608	1.1608	0.0558864	0.456623	1.50408	0.555522	1.44421	1.44421	0.0852	0.112465	1.71245	0.0159157	1.12245	1.12245	0.954318	0.928785	-1.07655	0.710185	1.07285	1.07285	0.707047	0.425735	2.13984	2.13984	0.0970902	1.10242	1.10242	0.0152131	1.36621	1.36621	1.23086	2.19562	1.59041	1
cg00178437	ME2;ME2	0.390125	0.916397	0.977388	-1.02314	0.40545	1.2037	1.2037	0.593899	1.12437	1.12437	0.782106	0.941397	-1.06225	0.233489	1.3127	1.3127	0.887517	0.969643	-1.03131	0.272101	0.779547	-1.2828	0.0525584	0.618729	-1.61622	0.393174	0.826526	-1.20988	1.23086	0.924884	0.667925	1
cg26752613	NOD2	0.390127	0.879598	0.19187	1.09187	0.0654287	0.316369	3.31699	0.997769	0.99838	-1.00162	0.978208	0.984287	-1.01596	0.199363	0.455553	2.19513	0.436142	0.630872	-1.58511	0.411488	1.62027	1.62027	0.177978	2.29321	2.29321	0.582508	1.37977	1.37977	1.23085	6.55401	4.73313	1
cg05511551	LOC100240735;FLI12825	0.390128	0.0523611	0.6553	1.52525	0.644141	1.58333	1.83101	0.637303	0.832797	-1.20077	0.616866	1.27358	1.27358	0.408308	0.764146	1.30865	0.0534603	0.338751	-2.95161	0.541881	1.26857	1.26857	0.0613885	1.19308	1.19308	0.173875	0.860771	1.14973	1.23085	2.89151	2.08962	1
cg19224673	PSMD7	0.390129	0.623088	1.15204	1.15204	0.124154	1.60914	1.60914	0.285765	1.37266	1.37266	0.974862	0.991038	-1.00904	0.790983	1.07885	1.07885	0.258267	1.40078	1.40078	0.684788	0.889939	-1.12367	0.0793953	0.5733	-1.74429	0.996306	1.00132	1.00132	1.23085	1.59128	1.14919	1
cg06821993	CSMD3;CSMD3	0.390129	0.642835	1.08481	1.08481	0.35052	1.23232	1.3884	0.0570795	1.52623	1.52623	0.0128	1.13626	1.13626	0.154177	1.15796	1.15796	0.335296	0.838277	-1.1927	0.445376	1.18743	1.18743	0.0202011	1.47973	1.47973	0.0150544	1.18574	1.18574	1.23085	0.894593	0.644054	1
cg04099813	TSSC4	0.390135	0.855107	0.10547	1.05347	0.392821	1.77923	-1.28332	0.525267	0.832405	-1.20134	0.461581	1.2381	1.2381	0.830688	0.940807	1.06292	0.326971	0.74946	-1.33425	0.0887134	0.586524	-1.70758	0.198572	1.47279	1.47279	0.285359	1.37191	1.37191	1.23083	1.58204	1.14318	1
cg20978247	HLA-DMB	0.390149	0.334615	1.92929	1.92929	0.348877	0.528942	-1.89057	0.71625	1.27261	1.27261	0.976296	0.98057	-1.01982	0.330051	0.514902	-1.94212	0.0733006	0.26743	-3.7393	0.153916	2.7558	2.7558	0.828129	0.866247	-1.1544	0.852432	0.884286	-1.13086	1.2308	8.5014	6.13974	1
cg17125315	TTC3L	0.390152	0.17265	2.44958	2.44958	0.0557136	0.0302556	4.2418	0.127899	1.69477	2.00209	0.302329	0.460146	-2.17232	0.0974148	2.17934	2.17934	0.253121	2.08762	2.08762	0.0196254	0.447442	-2.23501	0.0382052	0.447442	-2.23501	0.0382052	0.50476	-1.98114	1.2308	2.87142	1.95705	1
cg14759342	SEMA6A	0.390154	0.70996	1.1288	1.13288	0.442319	0.769798	-1.29004	0.250121	0.669398	-1.49388	0.830065	1.07442	1.07442	0.234039	1.51686	1.51686	0.896945	1.04423	1.04423	0.0407423	0.454337	-2.20101	0.497431	0.794478	-1.25869	0.963314	1.01548	1.01548	1.23079	2.17419	1.57022	1
cg13188151	CLIC2	0.390156	0.627826	1.21402	1.21402	0.0972345	0.16337	1.8127	0.353977	1.14427	1.14427	0.0853577	0.14865	1.88357	0.0180318	1.70587	1.70587	0.366442	0.680899	-1.4695	0.1366	1.31383	1.31383	0.597369	0.905352	-1.10454	0.959808	1.04167	1.04167	1.23079	1.0004	0.848479	1
cg04761824	1-Dec	0.390161	0.548792	0.626488	-1.5962	0.0287441	0.136935	-7.30276	0.400606	0.515213	-1.94095	0.891641	1.11077	1.11077	0.357339	0.482079	2.07435	0.224359	0.373892	-2.67457	0.338186	0.467197	-2.14043	0.215251	0.365888	-2.7331	0.785058	1.23457	1.23457	1.23077	11.5809	8.36398	1
cg13885106	OBSL1;MHA	0.390161	0.84381	0.934797	-1.06975	0.46292	1.29098	1.29098	0.935565	0.97274	-1.02802	0.289804	0.686913	-1.45579	0.158974	0.597751	-1.67294	0.221904	0.644794	-1.55088	0.366647	1.37302	1.37302	0.108505	0.549679	-1.81925	0.518019	1.25108	1.25108	1.23077	2.27746	1.64483	1
cg00522231	ITGB1BP1;ITGB1BP1	0.390169	0.728861	1.0651	1.0651	0.644141	1.58333	1.83101	0.637303	0.832797	-1.20077	0.616866	1.27358	1.27358	0.408308	0.764146	1.30865	0.0534603	0.338751	-2.95161	0.541881	1.26857	1.26857	0.0613885	1.19308	1.19308	0.173875	0.860771	1.14973	1.23085	2.89151	2.08962	1
cg21488474	NDUFB7;NDUFB7	0.390169	0.650704	1.09322	1.09322	0.930949	0.983197	-1.01709	0.961554	0.990619	-1.00947	0.995631	1.42326	1.42326	0.0100339	1.64708	1.64708	0.684391	1.08318	1.08318	0.676783	0.921301	-1.08542	0.608404	1.10632	1.10632	0.374599	1.19506	1.19506	1.23075	0.745212	0.538215	1
cg05481243	BID;BID	0.390171	0.129746	0.542265	-1.84412	0.165117	0.571424	-1.75207	0.620851	0.83492	-1.2002	0.496697	1.29199	1.29199	0.544159	0.794858	-1.25802	0.642745	0.83974	-1.19084	0.622824	0.830918	-1.20349	0.186229	0.550215	-1.81875	0.09021	0.4907	-2.03857	1.23075	2.72513	1.96818	1
cg05516004	ADAR1;ADAR1;ADAR1;ADAR1;ADAR1;AD	0.390183	0.14944	0.390182	-2.56326	0.58652	0.781785	-1.39707	0.949921	0.962473	-1.03899	0.962473	0.817569	-1.22428	0.148967	0.389537	-2.56755	0.279791	0.504479	-1.98225	0.0442302	0.24474	-4.08597	0.191979	0.431235	-2.31892	0.0925168	0.00573	1.00573	1.23072	7.22871	5.22003	1
cg15447715	ABCB8	0.390209	0.345918	0.660128	-1.51436	0.0283564	0.828364	-1.20772	0.807373	0.95509	-1.04709	0.867083	0.930866	-1.07425	0.896773	1.05707	1.05707	0.34109	0.74946	-1.33425	0.0887134	0.586524	-1.70758	0.198572	1.47279	1.47279	0.285359	1.37191	1.37191	1.23083	1.58204	1.14318	1
cg19751098	TICAM1	0.390213	0.0551765	0.63259	-1.5808	0.183666	0.741808	-1.34806	0.919516	1.0216	0.565731	0.88488	-1.1301	0.356885	0.819053	-1.22092	0.332723	0.810187	-1.23428	0.61681	0.899181	-1.11212	0.0287	0.68667	-1.4563	0.155455	0.726006	-1.3774	1.23066	0.864892	0.624701	1
cg16377880	CYHR1	0.390215	0.755988	0.841657	-1.18844	0.245457	0.3845	0.84955	0.0794	1.27619	1.27619	0.660403	0.12402	2.03744	0.0274624	2.09156	2.09156	0.0534	0.338751	-2.95161	0.541881	1.26857	1.26857	0.0613885	1.19308	1.19308	0.173875	0.860771	1.14973	1.23085	2.89151	2.08962	1
cg16759783	TXNL4A	0.390219	0.290847	0.671144	-1.48999	0.557189	1.24108	1.24108	0.130105	1.81269	1.81269	0.394907	1.37299	1.37299	0.451074	0.756278	-1.32227	0.89156	1.05087	1.05087	0.165396	0.583764	-1.71302	0.410918	0.736464	-1.35784	0.36314	1.40497	1.40497	1.23064	2.57954	1.8632	1
cg20229960	EIF2C2;EIF2C2	0.390224	0.423917	0.5967	-1.67574	0.362212	0.154	1.1358	0.0178	1.98765	1.98765	0.109785	0.259886	1.85879	0.155879	1.15379	1.15379	0.542842	0.919661	-1.08756	0.777928	0.662269	-1.5098	0.229864	0.778353	-1.28493	0.348347	1.14028	1.14028	1.23063	0.96032	0.62605	1
cg23731146	TMEM151A	0.390238	0.93015	0.563683	-1.03554	0.616111	1.22304	1.2304	0.943908	0.972633	-1.02842	0.038413	0.12514	2.13198	0.0159159	1.15159	1.15159	0.614411	0.762639	-1.31112	0.31062	1.32262	1.32262	0.328723	1.49408	1.49408	0.847606	1.0639	1.0639	1.23062	1.30192	2.23337	1
cg01821754	GNB1;GNB1	0.390246	0.0764448	1.64279	1.64279	0.553024	0.859721	-1.16317	0.643273	1.12464	1.12464	0.195647	1.41155	1.41155	0.48922	1.19356	1.19356	0.101641	1.57043	1.57043	0.225965	1.37746	1.37746	0.290141	1.31852	1.31852	0.905714	0.970597	-1.03029	1.23058	1.23631	0.89303	1
cg25445244	ZNF529;ZNF529;ZNF529;ZNF529	0.390249	0.491715	0.618869	-1.61603	0.0915136	0.0302556	1.64661	0.522707	0.839992	-1.19049	0.577844	0.850988	-1.17548	0.0303203	1.31892	1.31892	0.152243	0.840128	-1.19025	0.0481324	0.195995	5.10236	0.0195451	0.144668	6.91307	0.0852212	0.16751	0.158891	1.49006	6.91307	5.10236	1
cg04154903	WNT1;RBS5;RBS3;RBS9;RBS9;RBS9

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00687135	ZNF385D	0.390669	0.339343	0.710997	-1.40648	0.656615	1.16763	1.16763	0.831504	0.928859	-1.07659	0.991133	0.996159	-1.00386	0.0745558	0.50256	-1.98981	0.908225	1.04075	1.04075	0.0905677	0.524216	-1.90761	0.179949	0.610647	-1.63761	0.239152	0.652493	-1.53258	1.22961	2.33613	1.68879	1
cg13621101	RBM19;RBM19;RBM19	0.390673	0.212497	0.518173	-1.92986	0.0890568	0.391055	-2.55719	0.692006	1.22061	1.22061	0.362424	1.59788	1.59788	0.119116	0.428763	-2.33229	0.559569	1.34368	1.34368	0.966444	0.979158	-1.02129	0.594499	0.764139	-1.30866	0.712122	1.2039	1.2039	1.2296	4.88167	3.52899	1
cg03662459	IL11RA;IL11RA;IL11RA	0.390677	0.0625846	0.263931	-3.78887	0.202273	0.424957	-2.35318	0.613194	0.723228	-1.38269	0.834383	1.14235	1.14235	0.0821414	0.293978	-3.40161	0.407457	0.583547	-1.71366	0.932047	0.947232	-1.05571	0.295039	0.501429	-1.9943	0.210491	0.432248	-2.31349	1.22959	7.86862	5.68832	1
cg20541870	KIAA0652;KIAA0652;KIAA0652;KIAA0652	0.390682	0.585299	0.668407	-1.49609	0.0570919	0.207237	-4.8254	0.0511511	0.19715	-5.07227	0.938044	0.944748	-1.05848	0.834923	0.858501	-1.16482	0.269968	0.43178	-2.316	0.685766	0.742748	-1.34635	0.723163	1.29699	1.29699	0.896833	1.09949	1.09949	1.22958	10.4098	7.52542	1
cg18548523	PITPNM1;PITPNM1	0.390684	0.839764	0.910306	-1.09853	0.0667243	2.59667	2.59667	0.171318	1.96614	1.96614	0.541393	1.33239	1.33239	0.775194	0.875543	-1.14215	0.901751	1.059	1.059	0.0817199	2.44855	2.44855	0.249564	1.74819	1.74819	0.957514	1.02504	1.02504	1.22958	4.19592	3.03332	1
ch.5.2470662F	DDX46	0.390692	0.0453987	0.448934	-2.2275	?	?	?	0.615231	1.19345	1.19345	0.510226	1.26249	1.26249	0.957226	1.01889	1.01889	0.728453	0.885478	-1.12933	0.383602	1.36584	1.36584	0.616875	0.838605	-1.19246	0.252914	0.659209	-1.51697	1.2246	2.09943	1.71438	1
cg13560068	ZNF789;ZNF789	0.390692	0.918309	1.0199	1.0199	0.101238	0.708451	-1.41153	0.528589	0.8846	-1.13046	0.533971	0.88605	-1.12861	0.291289	0.810324	-1.23407	0.671345	1.08543	1.08543	0.081764	0.690414	-1.44841	0.507496	1.13785	1.13785	0.418902	1.17191	1.17191	1.22956	0.718353	0.519321	1
cg01910249	MYO5A;MYO5A	0.390694	0.928163	1.08166	1.08166	0.115933	4.51176	4.51176	?	?	?	0.123436	0.229779	-4.35201	?	?	?	0.386177	2.1732	2.1732	0.487497	0.540371	-1.85058	0.958743	1.04606	1.04606	0.788114	1.26436	1.26436	1.24307	11.3578	9.13689	1
cg20415809	ITGA4;ITGA4	0.390702	0.88817	0.963392	-1.038	0.537149	1.18015	1.18015	0.428708	0.807222	-1.23882	0.697015	0.901483	-1.10928	0.659292	1.1248	1.1248	0.739039	1.09266	1.09266	0.885443	1.03895	1.03895	0.0205499	0.477304	-2.0951	0.611013	1.14564	1.14564	1.22954	1.36821	0.989142	1
cg11726580	ARMC10;ARMC10;FBXL13;ARMC10;FBXL13;ARMC10;ARMC10;FBXL13;ARMC10	0.390708	0.0344294	0.660389	-1.51426	0.220505	1.24191	1.24191	0.613782	0.917966	-1.08936	0.904316	1.02043	1.02043	0.623317	1.08683	1.08683	0.889647	0.97692	-1.02363	0.401948	0.865644	-1.15521	0.479625	0.886149	-1.12848	0.706344	1.06573	1.06573	1.22952	0.550882	0.398262	1
cg03426225	FAM38B	0.39071	0.399853	0.70779	-1.41285	0.363476	1.4543	1.4543	0.319995	0.662263	-1.50997	0.894623	0.948243	-1.05458	0.0221315	0.332811	-3.00471	0.799545	0.902992	-1.10743	0.756339	0.882657	-1.13294	0.858806	0.931082	-1.07402	0.488303	0.754021	-1.32622	1.22952	3.13153	2.26396	1
cg02233190	EIF1AY	0.39071	0.141562	0.197122	-5.073	0.782902	1.32811	1.32811	0.551955	1.85565	1.85565	0.245256	3.48554	3.48554	0.322595	2.85677	2.85677	0.219824	0.265675	-3.764	0.171653	0.224251	-4.4593	0.633733	0.6107	-1.63746	0.737249	0.707564	-1.4133	1.22952	20.5524	14.8585	1
cg03242877	ASL;ASL;ASL;ASL;ASL	0.390717	0.678701	0.945178	-1.058	0.086245	0.773713	-1.29247	0.270704	0.856225	-1.16792	0.449192	0.90088	-1.11003	0.315924	0.869057	-1.15067	0.06364	0.754094	-1.3261	0.410322	0.892291	-1.12071	0.995013	1.00085	1.00085	0.110679	0.790361	-1.26524	1.2295	0.356754	0.257921	1
cg06552660	THSD7A	0.39072	0.16272	0.302345	-3.30748	0.222508	0.357359	-2.79831	0.128748	0.267726	-3.73516	0.902786	1.10305	1.10305	0.0656044	0.190414	-5.25172	0.817957	1.2033	1.2033	0.897481	1.10901	1.10901	0.391249	0.494056	-2.02406	0.290691	0.414717	-2.41128	1.2295	12.5462	9.0705	1
cg04939944	TNRC18	0.390721	0.976085	1.01776	1.01776	0.0191857	5.28175	5.28175	0.176882	2.32347	2.32347	0.554633	1.42049	1.42049	0.679852	1.27598	1.27598	0.229766	2.09613	2.09613	0.60007	1.3644	1.3644	0.563486	1.40918	1.40918	0.639422	1.31935	1.31935	1.22949	6.71693	4.85615	1
cg04533189	PRKCA	0.390722	0.746957	0.943235	-1.06018	0.781275	1.05153	1.05153	0.940922	1.01347	1.01347	0.540941	0.894287	-1.11821	0.103857	0.725395	-1.37856	0.51416	0.887432	-1.12685	0.0856926	0.709721	-1.40901	0.172541	1.29962	1.29962	0.526826	0.890694	-1.12272	1.22949	0.634538	0.458753	1
cg01045971	C10orf110;C10orf110;C10orf110;C10orf110	0.390726	0.300121	2.45066	2.45066	0.281618	2.54491	2.54491	0.368912	0.462846	-2.16055	0.211088	3.00391	3.00391	0.186485	3.21903	3.21903	0.798912	1.23751	1.23751	0.890287	0.891176	-1.12211	0.0816534	5.00718	5.00718	0.237428	2.81003	2.81003	1.22948	13.5694	9.81038	1
cg23906144	OVCA2;DPH1	0.390737	?	?	?	0.815188	0.762175	-1.31203	0.800472	0.74547	-1.34144	0.467506	0.424226	-2.35723	0.711275	0.649705	-1.53916	?	?	?	?	?	?	0.142579	6.22199	6.22199	0.109649	7.56046	7.56046	1.20877	17.1705	18.9399	1
cg17885579	NSMAF;NSMAF;NSMAF	0.39074	0.884383	1.03792	1.03792	0.38418	0.79593	-1.25639	0.399413	1.24691	1.24691	0.827861	0.945818	-1.05729	0.121211	0.650625	-1.53698	0.245099	0.732708	-1.3648	0.0883527	0.618181	-1.61765	0.411034	1.2399	1.2399	0.86035	1.04607	1.04607	1.22945	1.27411	0.921174	1
cg26637881	SLC7A5	0.390741	0.743001	1.17821	1.17821	0.193273	1.98617	1.98617	0.0929616	2.51253	2.51253	0.554757	1.34688	1.34688	0.110107	0.419786	-2.38217	0.958762	1.02611	1.02611	0.42519	0.666367	-1.50067	0.740281	1.18035	1.18035	0.91041	1.05771	1.05771	1.22945	4.83774	3.49768	1
cg08127916	UBASH3B	0.390743	0.971706	0.977195	-1.02334	0.0553809	4.10615	4.10615	0.0561201	4.08421	4.08421	0.858984	1.12263	1.12263	0.840928	0.877471	-1.13964	0.570613	0.6888	-1.4518	0.60972	1.39776	1.39776	0.810485	0.855337	-1.16913	0.853659	0.886832	-1.12761	1.22944	8.23789	5.956	1
cg18967533	KLK6;KLK6;KLK6	0.390752	0.813879	0.885754	-1.12898	0.119222	0.419039	-2.38642	0.143227	0.445194	-2.24621	0.584876	0.752941	-1.32813	0.159177	0.461172	-2.16839	0.385813	0.632964	-1.57987	0.117742	0.417327	-2.3962	0.573392	0.746269	-1.34	0.384345	1.58222	1.58222	1.22943	5.15245	3.72528	1
cg02212389	NUB1	0.390752	0.399742	0.770254	-1.29827	0.218136	0.675524	-1.48033	0.3297	0.737421	-1.35608	0.57451	0.842174	-1.1874	0.0207349	0.430333	-2.32378	0.97924	0.992152	-1.00791	0.331053	0.738089	-1.35485	0.88124	0.95574	-1.04631	0.325323	0.73525	-1.36008	1.22942	1.78541	1.29087	1
cg09648697	RBM14	0.390769	?	?	?	0.886516	1.0955	1.0955	?	?	?	0.0504975	0.233835	-4.27652	0.365385	0.550767	-1.81565	0.879615	0.907731	-1.10165	0.64059	0.74035	-1.35071	0.654556	0.749818	-1.33366	0.278338	2.0632	2.0632	1.24288	6.1135	4.91882	1
cg07549187	FBLN7;FBLN7	0.390775	0.375632	0.741946	-1.34781	0.40985	1.31874	1.31874	0.530783	0.811858	-1.23174	0.508588	1.24624	1.24624	0.755966	0.902727	-1.10775	0.702946	0.881815	-1.13402	0.0999478	0.553359	-1.80714	0.0999831	1.80701	1.80701	0.579003	0.831953	-1.20199	1.22937	2.09806	1.51698	1
cg22217807	ABAT	0.390777	0.106673	1.37137	1.37137	0.33912	0.838076	-1.19321	0.281963	0.818354	-1.22197	0.914925	1.01934	1.01934	0.777912	1.052	1.052	0.756317	0.94572	-1.05739	0.349865	0.841537	-1.1883	0.842616	1.03628	1.03628	0.116852	1.35722	1.35722	1.22937	0.62584	0.452511	1
cg02407032	KBTBD4;KBTBD4;NDUFS3;KBTBD4	0.390788	0.213555	1.46582	1.46582	0.216842	1.46141	1.46141	0.122634	1.62975	1.62975	0.567407	0.844703	-1.18385	0.215856	0.683655	-1.46273	0.52369	0.828048	-1.20766	0.510989	0.823116	-1.2149	0.847894	1.05767	1.05767	0.616065	0.862765	-1.15906	1.22934	1.65978	1.20012	1
cg16941656	FRY;FRY	0.390792	0.182679	0.855278	-1.16921	0.267583	0.880143	-1.13618	0.875138	1.01754	1.01754	0.0401052	0.769342	-1.29981	0.295916	0.887084	-1.12729	0.543555	0.934289	-1.07033	0.918589	1.01137	1.01137	0.677302	1.04735	1.04735	0.603712	1.0596	1.0596	1.22933	0.237937	0.172044	1
cg26095517	NCRNA00219;SNORA13	0.390802	0.121976	0.68911	-1.45115	0.453634	0.844031	-1.18479	0.657531	1.10419	1.10419	0.515582	0.863775	-1.15771	0.0484821	0.60609	-1.64992	0.31235	0.79283	-1.26131	0.911196	0.975522	-1.02509	0.418609	1.20152	1.20152	0.974509	0.992928	-1.00712	1.22931	0.96066	0.694633	1
cg03672621	LOC100271836	0.390807	0.0655659	1.27537	1.27537	0.394429	0.90243	-1.10812	0.410443	1.10414	1.10414	0.538911	0.929394	-1.07597	0.268479	1.14529	1.14529	0.450682	1.09467	1.09467	0.247171	1.15306	1.15306	0.428092	0.909169	-1.0999	0.90716	1.01383	1.01383	1.2293	0.269706	0.195021	1
cg03866074	PDE4DIP;PDE4DIP;PDE4DIP	0.390808	0.207348	0.801333	-1.24792	0.247021	1.22339	1.22339	0.114965	1.33043	1.33043	0.136164	0.765311	-1.30666	0.715458	0.94084	-1.06288	0.977225	0.995256	-1.00477	0.923389	1.01615	1.01615	0.926067	1.01558	1.01558	0.502144	1.12014	1.12014	1.2293	0.540191	0.390605	1
cg27298570	TMEM114	0.39081	0.177585	0.659577	-1.51612	0.665691	1.13457	1.13457	0.0570717	0.5351	-1.86881	0.84442	0.944532	-1.05873	0.125766	0.618047	-1.618	0.160678	0.647117	-1.54532	0.402704	0.779789	-1.2824	0.693934	0.89148	-1.12173	0.447267	0.798536	-1.25229	1.22929	1.6424	1.1876	1
cg17057268	CSMD1	0.390839	0.847413	0.952765	-1.04958	0.119302	1.52898	1.52898	0.912659	1.02794	1.02794	0.876227	1.03993	1.03993	0.749069	1.08395	1.08395	0.849951	1.04872	1.04872	0.0420482	1.80114	1.80114	0.327883	0.775945	-1.28875	0.589538	0.872136	-1.14661	1.22923	1.22828	0.888204	1
cg06502680	CYorf15A	0.390842	0.6391	0.74793	-1.33702	0.545378	0.686377	-1.45692	0.885472	1.09267	1.09267	0.0236903	5.26288	5.26288	?	?	?	0.676864	0.772815	-1.29397	0.665201	0.765116	-1.30699	0.85142	0.891097	-1.12221	0.982653	1.01346	1.01346	1.22425	6.51691	5.32319	1
cg24377560	AFAP1;AFAP1	0.390843	0.62671	0.915999	-1.0917	0.109464	0.731687	-1.3667	0.499839	0.884609	-1.13044	0.390886	0.854382	-1.17044	0.643108	1.08712	1.08712	0.988052	1.00268	1.00268	0.0604858	1.46073	1.46073	0.582828	0.90547	-1.1044	0.937164	0.985985	-1.01421	1.22922	0.623866	0.451139	1
cg19231290	KLF6;KLF6;KLF6;KLF6;KLF6;KLF6	0.390845	0.254865	1.24176	1.24176	0.229912	1.25789	1.25789	0.100572	1.38766	1.38766	0.304219	1.21386	1.21386	0.140518	1.3348	1.3348	0.122569	1.35629	1.35629	0.994036	1.00136	1.00136	0.680912	0.927454	-1.07822	0.269992	1.2327	1.2327	1.22921	0.645844	0.467034	1
cg16487101	C5orf51	0.390851	0.0403675	0.731853	-1.36639	0.236906	0.84928	-1.17747	0.299654	0.867877	-1.15224	0.145037	0.81357	-1.22915	0.53761	1.08577	1.08577	0.699012	0.950068	-1.05256	0.604758	0.933482	-1.07126	0.346833	0.880108	-1.13622	0.98143	0.996936	-1.00307	1.2292	0.338349	0.244675	1
cg00838874	KCNA1	0.390856	0.942415	0.969789	-1.03115	0.471014	1.3653	1.3653	0.0639738	2.4207	2.4207	0.714583	1.16879	1.16879	0.97398	0.986246	-1.01395	0.666648	0.831919	-1.20204	0.559999	1.28437	1.28437	0.049779	2.58637	2.58637	0.293163	1.58893	1.58893	1.22919	3.5103	2.53848	1
cg10572195	ASB13;ASB13	0.390862	0.106645	0.65611	-1.52413	0.110495	0.659648	-1.51596	0.989669	1.0031	1.0031	0.186302	0.715214	-1.39818	0.37186	0.803056	-1.24524	0.959773	1.01214	1.01214	0.282054	1.30659	1.30659	0.682308	1.10346	1.10346	0.985022	0.995519	-1.0045	1.22917	1.11403	0.805624	1
cg00373554	RUNDC3B;ABCB1;RUNDC3B;RUNDC3B	0.390883	0.154047	0.64398	-1.55284	0.88406	1.04298	1.04298	0.97392	0.990616	-1.00947	0.0430519	0.510996	-1.95696	0.864954	1.05032	1.05032	0.505399	0.822914	-1.21519	0.45407	1.246	1.246	0.855669	0.948844	-1.05391	0.193357	0.672362	-1.48729	1.22912	1.61916	1.17096	1
cg08826843	MRPL21;IGHMBP2;MRPL21	0.390889	0.962058	1.0143	1.0143	0.27762	0.713913	-1.40073	0.109732	0.594272	-1.68273	0.552307	0.835728	-1.19656	0.144241	1.59709	1.59709	0.346381	1.33566	1.33566	0.974208	1.0097	1.0097	0.277944	1.40039	1.40039	0.963094	0.986284	-1.01391	1.22911	1.7342	1.25417	1
cg13981545	KITLG;KITLG;KITLG;KITLG	0.390892	?	?	?	0.293651	1.18165	1.18165	0.0411178	1.43488	1.43488	0.632618	0.92886	-1.07659	0.910505	1.01738	1.01738	0.641015	1.07461	1.07461	0.267168	0.837674	-1.19378	0.855359	1.02835	1.02835	0.845755	0.970598	-1.03029	1.22413	0.404603	0.330522	1
cg27397958	ERI1	0.390894	0.861294	0.948412	-1.05439	0.194622	1.51519	1.51519	0.899827	0.962577	-1.03888	0.435306	0.785792	-1.2726	0.885842	1.04447	1.04447	0.668292	1.13946	1.13946	0.0351462	0.475568	-2.10275	0.447123	1.26449	1.26449	0.988059	0.995478	-1.00454	1.2291	1.78551	1.29128	1
cg14806627	ZNF713	0.390895	0.62306	1.34421	1.34421	0.702987	1.25702	1.25702	0.660782	0.768226	-1.3017	0.259818	2.01747	2.01747	0.610222	1.3593	1.3593	0.874243	1.09919	1.09919	0.170017	2.39322	2.39322	0.0312833	4.52057	4.52057	0.204394	2.22481	2.22481	1.2291	6.94001	5.01904	1
cg15556709	C7orf44	0.390897	0.331557	2.40555	2.40555	0.929976	1.08005	1.08005	0.770946	0.774305	-1.29148	0.410956	2.089	2.089	0.211857	3.1656	3.1656	0.355203	2.30098	2.30098	0.212155	3.16298	3.16298	0.0632503	6.23632	6.23632	0.0894601	5.15852	5.15852	1.22909	14.9448	10.8082	1
cg25422735	LOC349114	0.3909	0.173604	0.551236	-1.8141	0.140052	0.520415	-1.92154	0.0673607	0.430302	-2.32395	0.318094	0.65408	-1.52886	0.137131	0.517514	-1.93231	0.306964	0.647207	-1.5451	0.211094	0.581561	-1.71951	0.418574	0.711746	-1.405	0.223628	0.590975	-1.69212	1.22909	3.29441	2.38256	1
cg21843412	FAM135B	0.390911	0.10267	0.599169	-1.66898	0.941935	0.979322	-1.02111	0.940973	1.02147	1.02147	0.328435	1.33554	1.33554	0.445652	1.24983	1.24983	0.37876	0.771805	-1.29566	0.188249	1.4917	1.4917	0.993089	1.00249	1.00249	0.202422	0.679753	-1.47112	1.22906	1.60158	1.1583	1
cg07284379	ADAMTS17	0.390914	0.500757	1.38921	1.38921	0.0599234	2.77602	2.77602	0.114071	2.28613	2.28613	0.303194	1.67029	1.67029	0.526389	0.734339	-1.36177	0.798291	1.13109	1.13109	0.129553	2.19852	2.19852	0.568461	1.31953	1.31953	0.805175	1.12623	1.12623	1.22906	4.50396	3.25739	1
cg19606364	HHATL	0.390914	0.720855	1.10182	1.10182	0.598359	1.15448	1.15448	0.550563	1.17728	1.17728	0.728737	1.09865	1.09865	0.0618814	0.566544	-1.76509	0.115574	0.629849	-1.58768	0.310403	1.32795	1.32795	0.895079	0.964972	-1.0363	0.764187	0.921916	-1.0847	1.22905	1.42151	1.02808	1
cg24690236	RYR2	0.390915	0.156023	1.67189	1.67189	0.896476	1.04507	1.04507	0.427427	0.760031	-1.31574	0.541239	0.811034	-1.23299	0.210617	1.56317	1.56317	0.238898	1.51848	1.51848	0.0736068	1.96491	1.96491	0.568084	1.2158	1.2158	0.991385	0.99635	-1.00366	1.22905	2.23237	1.61452	1
cg18099523	SHPRH;SHPRH	0.390927	0.591003	0.936057	-1.06831	0.825321	0.973435	-1.02729	0.232671	1.16468	1.16468	0.497628	0.919549	-1.08749	0.669816	0.949095	-1.05364	0.367623	1.11933	1.11933	0.0373479	1.34221	1.34221	0.576018	0.933498	-1.07124	0.933599	0.989901	-1.0102	1.22902	0.288799	0.208873	1
cg22263405	SETBP1	0.390929	0.709656	1.07433	1.07433	0.0923155	1.43372	1.43372	0.941386	1.01419	1.01419	0.464969	1.15355	1.15355	0.5387	1.1269	1.1269	0.48813	0.873492	-1.14483	0.0874341	0.69275	-1.44352	0.904318	1.02331	1.02331	0.386959	1.18593	1.18593	1.25495	0.71407	0.442557	1
cg05902531	CTDSP2	0.390929	0.239626	0.741081	-1.34938	0.822635	0.946832	-1.05615	0.106707	1.53511	1.53511	0.773148	0.932083	-1.07287	0.364048	0.796935	-1.25481	0.982265	0.994606	-1.00542	0.0649501	0.603909	-1.65588	0.855818	0.956705	-1.04525	0.834858	0.950469	-1.05211	1.22902	1.15264	0.83365	1
cg27035169	SLC7A8	0.39093	0.413877	0.639402	-1.56396	0.480522	1.46807	1.46807	0.114852	2.50433	2.50433	0.160693	0.448313	-2.23058	0.994387	0.996241	-1.00377	0.765502	1.17368	1.17368	0.148937	0.436604	-2.2904	0.532576	1.40275	1.40275	0.740142	0.83677	-1.19507	1.22902	5.57978	4.03558	1
cg13803262	TXNL1;TXNL1;TXNL1	0.390939	0.0717749	0.551539	-1.81311	0.942506	0.978876	-1.02158	0.573213	0.84494	-1.18352	0.0754647	0.556669	-1.7964	0.834346	0.939894	-1.06395	0.616844	0.861297	-1.16104	0.21141	0.677251	-1.47656	0.796844	1.07935	1.07935	0.140662	0.625556	-1.59858	1.229	1.70546	1.23349	1
cg23075597	ANKLE2	0.390942	0.962578	0.958402	-1.0434	0.183413	3.5901	3.5901	0.522473	0.556007	-1.79854	0.471658	1.94065	1.94065	0.509523	0.545587	-1.83289	0.982028	1.02061	1.02061	0.228307	0.318208	-3.1426	0.230021	3.12812	3.12812	0.121913	0.219088	-4.56437	1.22899	15.9617	11.5446	1
cg11362758	FAM155A	0.390944	0.453721	1.42582	1.42582	0.127016	2.15356	2.15356	0.778242	1.14023	1.14023	0.715929	0.843772	-1.18515	0.0807962	0.406565	-2.45963	0.461175	1.41723	1.41723	0.259977	0.57917	-1.72661	0.766514	1.14845	1.14845	0.821965	0.900543	-1.11044	1.22899	4.20525	3.04153	1
cg25229048	TRAPPC9;TRAPPC9	0.390951	0.268197	0.464791	-2.1515	0.940377	0.95152	-1.05095	0.388448	0.555882	-1.79894	0.970785	0.975964	-1.02463	0.364908	0.538758	-1.85612	0.744835	0.80497	-1.24228	0.0414488	0.209675	-4.76928	0.199317	2.46186	2.46186	0.937365	0.949129	-1.0536	1.22897	8.59017	6.21309	1
cg25681688	ENPP4	0.390952	0.62468	0.871221	-1.14781	0.255448	0.717527	-1.39368	0.0476568	1.88372	1.88372	0.158926	0.65641	-1.52344	0.605015	0.864263	-1.15706	0.633471	0.874313	-1.14376	0.786237	0.926812	-1.07897	0.8542	0.949868	-1.05278	0.763889	0.919222	-1.08788	1.22897	1.52158	1.10053	1
cg18811255	LLPH;LLPH	0.390964	0.749451	1.0795	1.0795	0.042481	1.74681	1.74681	0.932218	0.979894	-1.02052	0.276137	1.31058	1.31058	0.576525	0.873973	-1.1442	0.528653	1.16463	1.16463	0.175864	0.709194	-1.41005	0.94352	0.983226	-1.01706	0.913153	1.02639	1.02639	1.22894	1.10951	0.802502	1
cg05341353	PCLO;PCLO	0.390964	0.522806	1.18366	1.18366	0.428091	1.23446	1.23446	0.0381408	0.534904	-1.86949	0.444279	0.816246	-1.22512	0.518025	1.18603	1.18603	0.256204	0.734507	-1.36146	0.964313	0.988419	-1.01172	0.678378	0.897121	-1.11468	0.46691	0.8247	-1.21256	1.22894	1.31923	0.954198	1
cg00112238	SSBP3;SSBP3;SSBP3	0.390972	0.576009	0.7083	-1.41183	0.124999	2.75584	2.75584	0.265904	2.02928	2.02928	0.235067	0.467802	-2.13766	0.282583	0.505812	-1.97702	0.737474	0.814352	-1.22797	0.415874	0.601924	-1.66134	0.567472	0.702721	-1.42304	0.238315	0.470495	-2.12542	1.22892	7.25275	5.24597	1
cg12013591	LDLR	0.390978	0.557911	0.740242	-1.35091	0.197427	1.99685	1.99685	0.117949	0.422442	-2.36719	0.674633	1.239	1.239	0.250099	0.543326	-1.84052	0.632127	0.782847	-1.27739	0.233988	0.530843	-1.88379	0.783137	0.869324	-1.15032	0.156999	0.46382	-2.15601	1.22891	5.01429	3.62692	1
cg14312334	CIT	0.390982	0.756103	1.13537	1.13537	0.730623	1.15123	1.15123	0.420144	1.3988	1.3988	0.150884	1.87251	1.87251	0.810765	0.906882	-1.10268	0.317561	0.656401	-1.52346	0.0933661	0.471406	-2.12131	0.309584	0.65151	-1.5349	0.503109	1.31904	1.31904	1.2289	3.23158	2.33747	1
cg14279151	TRAM2	0.390982	0.103275	0.161654	-6.18606	0.529764	1.91739	1.91739	0.956374	1.05754	1.05754	0.377029	0.395747	-2.52687	0.0833082	0.140787	-7.1029	0.954742	1.05976	1.05976	0.839504	1.23044	1.23044	0.184409	0.23699	-4.21959	0.254501	0.2962	-3.3761	1.2289	20.3535	14.7222	1
cg10022702	CBFA2T3;CBFA2T3	0.390991	0.743378	1.2225	1.2225	0.223762	2.18505	2.18505	0.511335	1.50286	1.50286	0.630182	1.34538	1.34538	0.442814	0.619695	-1.6137	0.283457	0.505865	-1.97681	0.0795237	0.304162	-3.28773	0.409883	1.6743	1.6743	0.433682	0.613512	-1.62996	1.22888	7.27866	5.26489	1
cg23719713	GCNT2;GCNT2;GCNT2;GCNT2	0.390991	0.500317	0.773639	-1.29259	0.25629	0.641127	-1.55975	0.45622	0.752258	-1.32933	0.494733	0.770968	-1.29707	0.289955	0.662305	-1.50988	0.127961	0.539366	-1.85403	0.0371917	0.403555	-2.47797	0.249911	0.636941	-1.57	0.757659	1.12312	1.12312	1.22888	2.73907	1.98126	1
cg18151030	PRDM15;PRDM15	0.390994	0.213971	0.409536	-2.44179	0.142467	0.341067	-2.93197	0.617419	1.41001	1.41001	0.762456	0.813159	-1.22977	0.119836	0.316194	-3.16261	0.247217	0.438022	-2.28299	0.1565	0.355545	-2.81259	0.130554	0.328236	-3.04659	0.524595	0.644081	-1.5526	1.22887	9.05991	6.55337	1
cg11225435	NEK2	0.391008	0.788094	0.901401	-1.10938	0.994322	1.00275	1.00275	0.288353	1.52915	1.52915	0.347007	0.688582	-1.45226	0.891664	1.05391	1.05391	0.118515	0.520498	-1.92124	0.210943	0.601776	-1.66175	0.961158	0.98141	-1.01894	0.134101	1.86359	1.86359	1.22884	2.88946	2.09011	1
cg12280407	KCTD12;KCTD12	0.391023	0.390444	1.15002	1.15002	0.436901	1.13425	1.13425	0.182531	1.25195	1.25195	0.669879	0.934152	-1.07049	0.128155	1.29853	1.29853	0.62679	1.08094	1.08094	0.0969315	0.748713	-1.33563	0.934606	1.01312	1.01312	0.703564	1.06261	1.06261	1.22881	0.490996	0.355174	1
cg19101630	MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.391025	0.297104	0.816884	-1.22416	0.522217	1.12903	1.12903	0.247531	1.25384	1.25384	0.504468	1.13511	1.13511	0.268969	1.24037	1.24037	0.41587	0.855907	-1.16835	0.353261	0.836346	-1.19568	0.134941	1.35193	1.35193	0.494346	0.878227	-1.13866	1.2288	0.68132	0.492853	1
cg08133850	PDIA3P	0.391028	0.913005	0.961218	-1.04035	0.508958	1.27443	1.27443	0.104551	0.526156	-1.90058	0.964509	1.01623	1.01623	0.478706	1.29779	1.29779	0.939424	1.02789	1.02789	0.0430844	2.32195	2.32195	0.828224	1.08182	1.08182	0.764458	1.1149	1.1149	1.22879	2.54941	1.8442	1
cg02377073	UBE2V2	0.391034	0.780368	1.04196	1.04196	0.292596	1.17418	1.17418	0.908793	1.017	1.017	0.0909025	1.31506	1.31506	0.204801	0.82139	-1.21745	0.50106	0.90445	-1.10564	0.723621	0.949125	-1.0536	0.140073	1.26296	1.26296	0.659621	1.06735	1.06735	1.22878	0.420876	0.304458	1
cg17486764	ADARB2	0.391037	0.466167	0.795244	-1.25748	0.0752801	0.542343	-1.84385	0.27733	1.4177	1.4177	0.880548	1.04755	1.04755	0.497633	0.80838	-1.23704	0.906664	1.0369	1.0369	0.116662	1.69324	1.69324	0.873603	0.952005	-1.05041	0.651401	0.86891	-1.15087	1.22877	1.85744	1.34366	1
cg10051214	FUCA1	0.391038	0.578727	0.933025	-1.07178	0.608472	0.938137	-1.06594	0.717545	1.04592	1.04592	0.46345	1.09663	1.09663	0.769379	0.964315	-1.03701	0.164564	0.832536	-1.20115	0.620944	0.940249	-1.06355	0.0290165	0.727535	-1.3745	0.789028	1.0337	1.0337	1.22877	0.297295	0.215062	1
cg16519495	ENAH;ENAH	0.391045	0.61632	0.877785	-1.13923	0.293652	0.754976	-1.32455	0.675064	0.896922	-1.11492	0.117416	1.55083	1.55083	0.98016	1.00644	1.00644	0.145755	1.4963	1.4963	0.318712	1.30461	1.30461	0.426302	1.23318	1.23318	0.348167	0.779405	-1.28303	1.22876	1.29563	0.937267	1
cg03217360	SNORD114-15;SNORD114-14	0.391045	0.729192	0.915822	-1.09192	0.27071	0.748154	-1.33662	0.365464	0.79036	-1.26525	0.695931	0.905405	-1.10448	0.123998	1.52419	1.52419	0.185048	1.42708	1.42708	0.163747	1.45646	1.45646	0.969492	1.00972	1.00972	0.646167	1.12407	1.12407	1.22876	1.24579	0.901211	1
cg19104757	FAM20C	0.391047	0.220825	1.22245	1.22245	0.825035	1.03516	1.03516	0.62828	1.07911	1.07911	0.542393	0.908255	-1.10101	0.38183	0.869389	-1.15023	0.973961	1.00511	1.00511	0.0540657	1.40664	1.40664	0.233117	0.822753	-1.21543	0.949457	1.00994	1.00994	1.22875	0.473899	0.342822	1
cg02515730	CSNK2A2	0.391048	0.409416	1.46386	1.46386	0.541175	1.32234	1.32234	0.0467923	2.7959	2.7959	0.559717	0.766125	-1.30527	0.257367	0.586305	-1.7056	0.868963	0.928134	-1.07743	0.43451	1.43358	1.43358	0.319917	1.59081	1.59081	0.405782	1.46841	1.46841	1.22875	3.97045	2.87226	1
cg09864671	DIDO1;DIDO1;DIDO1	0.391049	0.0339523	0.0704881	-14.1868	0.756074	0.716165	-1.39633	0.622014	0.587197	-1.703	0.594556	0.562399	-1.7781	0.807349	1.29919	1.29919	0.876996	0.847095	-1.18051	0.15635	0.197008	-5.07593	0.300033	3.16018	3.16018	0.598295	0.565749	-1.76757	1.22875	22.3376	16.1593	1
cg17843887	MMEL1	0.391062	0.317867	0.553118	-1.80793	0.0760193	0.32224	-3.10328	0.868192	1.09995	1.09995	0.906886	0.935089	-1.06942	0.149641	0.412281	-2.42553	0.322777	0.556654	-1.79645	0.186458	0.447839	-2.23294	0.144641	0.407109	-2.45634	0.701312	1.24738	1.24738	1.22872	6.40207	4.63144	1
cg15586842	ANXA8L2	0.391062	0.58226	1.41827	1.41827	0.28139	0.494518	-2.02217	0.599179	1.39596	1.39596	0.105576	0.328878	-3.04064	0.240642	2.16555	2.16555	0.238299	2.17472	2.17472	0.34903	0.545324	-1.83377	0.667959	1.31183	1.31183	0.61843	1.3714	1.3714	1.22872	7.69874	5.56949	1
cg02137691	FGFR3;FGFR3;FGFR3	0.391063	0.852765	0.933346	-1.07141	0.402732	0.727649	-1.37429	0.927781	0.966902	-1.03423	0.0784062	2.06655	2.06655	0.118519	0.53303	-1.87607	0.796534	1.10068	1.10068	0.345969	0.697431	-1.43383	0.385751	1.39116	1.39116	0.766228	1.11706	1.11706	1.22872	2.68254	1.94063	1
cg15015034	ISM1	0.391068	0.978128	1.00596	1.00596	0.488562	1.16481	1.16481	0.457608	1.17822	1.17822	0.748402	1.07227	1.07227	0.821754	1.05014	1.05014	0.148625	1.39919	1.39919	0.0715991	0.646498	-1.5468	0.876274	1.03436	1.03436	0.16176	1.38257	1.38257	1.2287	0.91479	0.661792	1
cg22207584	TCF7L1	0.391069	0.988522	1.00545	1.00545	0.106657	0.514088	-1.94519	0.610699	1.21399	1.21399	0.339072	1.4509	1.4509	0.791817	0.904913	-1.10508	0.667688	0.849479	-1.17719	0.207905	0.605605	-1.65124	0.10958	0.517425	-1.93265	0.467803	1.32186	1.32186	1.2287	2.77613	2.00836	1
cg10634136	FZD7;FZD7	0.391077	0.164218	0.386917	-2.58454	0.192143	2.41873	2.41873	0.663228	1.32354	1.32354	0.888098	1.09425	1.09425	0.289067	0.494581	-2.02191	0.915406	1.07034	1.07034	0.0777362	0.285304	-3.50503	0.537498	0.670705	-1.49097	0.574535	0.695674	-1.43746	1.22868	7.96449	5.7619	1
cg04706201	C5orf56	0.391077	0.899057	1.04888	1.04888	0.135649	1.83089	1.83089	0.11604	1.90097	1.90097	0.959297	1.01938	1.01938	0.419157	1.36402	1.36402	0.226717	1.61175	1.61175	0.108872	1.93014	1.93014	0.10606	1.94221	1.94221	0.970971	1.01378	1.01378	1.22868	2.75218	1.99106	1
cg21511976	DACT2	0.391078	0.284385	0.431314	-2.3185	0.114192	3.66687	3.66687	0.586293	1.51518	1.51518	0.615282	0.6817	-1.46692	0.24178	0.395945	-2.5256	0.990958	0.991468	-1.00861	0.096512	0.251624	-3.97419	0.761317	0.794238	-1.25907	0.617108	0.683072	-1.46397	1.22868	11.1271	8.04989	1
cg23839180	FAM49A	0.391083	0.0807161	2.67765	2.67765	0.917136	0.948455	-1.05435	0.845308	1.10443	1.10443	0.552687	1.35721	1.35721	0.55972	1.34975	1.34975	0.22334	1.91669	1.91669	0.0861099	2.62305	2.62305	0.27681	1.77745	1.77745	0.389124	0.638396	-1.56643	1.22867	5.0318	3.64029	1
cg02319613	ATIC	0.391085	0.539157	0.892664	-1.12024	0.21961	0.789983	-1.26585	0.917143	0.981175	-1.01919	0.999275	0.999834	-1.00017	0.352635	1.19086	1.19086	0.0289462	0.624825	-1.60045	0.377157	0.847471	-1.17998	0.463533	0.872613	-1.14598	0.821262	0.959517	-1.04219	1.22866	0.649009	0.469531	1
cg25924411	GCDH;GCDH	0.391099	0.459583	1.27637	1.27637	0.429048	1.29904	1.29904	0.780459	1.09478	1.09478	0.0333418	2.2388	2.2388	0.584603	1.19591	1.19591	0.190008	1.56803	1.56803	0.157784	1.63143	1.63143	0.550994	0.822422	-1.21592	0.578649	1.19938	1.19938	1.22863	2.04361	1.47851	1
cg20347648	TCF19;TCF19	0.391099	0.375728	0.35445	-2.82127	0.16238	5.4838	5.4838	0.51411	2.12736	2.12736	0.506847	2.15619	2.15619	0.0693445	0.0984661	-10.1558	0.881524	0.843537	-1.18548	0.325401	0.313939	-3.18533	0.69724	1.56214	1.56214	0.685845	0.628787	-1.59036	1.22863	25.3296	18.3254	1
cg21623865	CPNE9	0.391122	0.211598	0.674392	-1.48282	0.21115	1.48345	1.48345	0.0861426	1.76407	1.76407	0.49581	0.813001	-1.23001	0.835723	0.939733	-1.06413	0.526586	1.21176	1.21176	0.403718	1.29147	1.29147	0.402323	0.773695	-1.2925	0.752467	1.09935	1.09935	1.22858	1.74368	1.26157	1
cg02967152	PPP1R14B	0.391131	0.396837	0.748061	-1.33679	0.967606	0.986505	-1.01368	0.200209	0.635903	-1.57257	0.644116	1.16839	1.16839	0.84065	1.06967	1.06967	0.342569	0.720977	-1.38701	0.0724877	1.9552	1.9552	0.210643	0.643202	-1.55472	0.864601	0.9445	-1.05876	1.22856	2.17791	1.57576	1
cg01027405	IL7R	0.391141	0.0961679	0.317179	-3.15279	0.776849	1.19554	1.19554	0.836293	0.878053	-1.13888	0.264826	0.481705	-2.07596	0.0458555	0.237273	-4.21455	0.407257	0.586948	-1.70373	0.387791	0.573296	-1.7443	0.19984	0.42688	-2.34258	0.659429	0.756732	-1.32147	1.22854	7.68629	5.5613	1
cg23499373	ZNF135;ZNF135;ZNF135;ZNF135	0.391147	0.269622	7.07517	7.07517	0.821031	0.680012	-1.47056	0.886373	1.27552	1.27552	0.109318	0.0512177	-19.5245	0.238386	8.18118	8.18118	0.858831	0.73859	-1.35393	0.370753	4.77935	4.77935	0.208057	0.10444	-9.57483	0.38778	4.51144	4.51144	1.22852	56.3632	40.7811	1
cg24846791	TRIM31	0.391147	0.841155	1.03636	1.03636	0.839022	0.964445	-1.03687	0.0705848	0.697921	-1.43283	0.958267	1.00936	1.00936	0.44693	0.871124	-1.14794	0.569298	0.902696	-1.10779	0.0337242	0.643155	-1.55483	0.491464	0.883052	-1.13244	0.949983	0.988897	-1.01123	1.22852	0.61637	0.44597	1
cg23704324	RSAD1	0.391148	0.228605	0.464777	-2.15157	0.798035	0.855997	-1.16823	0.886263	1.09066	1.09066	0.984102	0.987991	-1.01216	0.0745806	0.299855	-3.33495	0.741352	0.818038	-1.22244	0.0362955	0.228559	-4.37523	0.856381	0.895966	-1.11611	0.641269	0.752366	-1.32914	1.22852	7.15413	5.17633	1
cg19477236	MYH3	0.391149	0.872748	0.954861	-1.04727	0.559839	0.843747	-1.18519	0.0374006	0.498565	-2.00576	0.26285	0.714348	-1.39988	0.307099	0.737368	-1.35617	0.471505	0.809729	-1.23498	0.237956	1.42791	1.42791	0.776641	0.921308	-1.08541	0.5479	0.839272	-1.19151	1.22852	1.61561	1.16897	1
cg11303561	STK11;STK11	0.391152	0.821502	0.979528	-1.0209	0.846564	0.982423	-1.01789	0.380315	1.08586	1.08586	0.0934645	0.844614	-1.18397	0.267925	0.899756	-1.11141	0.314167	1.09997	1.09997	0.30382	1.10239	1.10239	0.395535	1.0829	1.0829	0.398097	0.923859	-1.08242	1.22851	0.163022	0.117954	1
cg22585269	CHEK2;CHEK2;CHEK2;CHEK2;CHEK2;HSCB	0.391169	0.941391	0.97222	-1.02857	0.526868	1.27848	1.27848	0.049429	2.36108	2.36108	0.223851	1.63171	1.63171	0.971542	1.01376	1.01376	0.174203	1.73995	1.73995	0.991858	0.996098	-1.00392	0.345653	0.689258	-1.45084	0.662557	0.845147	-1.18323	1.22847	2.8564	2.06681	1
cg06197377	PCSK9	0.391176	0.0708654	3.93357	3.93357	0.0930287	3.50418	3.50418	0.642766	1.37296	1.37296	0.301338	2.06822	2.06822	0.542692	1.51915	1.51915	0.176232	2.6531	2.6531	0.113388	3.21901	3.21901	0.329006	1.98108	1.98108	0.321277	2.00446	2.00446	1.22846	8.95936	6.48283	1
cg00424677	ZNF507;ZNF507	0.391179	0.0865385	1.83395	1.83395	0.374344	0.7467	-1.33923	0.733954	1.11547	1.11547	0.540208	1.21973	1.21973	0.181203	0.634636	-1.57571	0.602671	0.845155	-1.18321	0.178853	0.632885	-1.58007	0.75197	1.1069	1.1069	0.832286	1.07029	1.07029	1.22845	1.99636	1.44454	1
cg04126335	ITGA10	0.391179	0.376262	1.31976	1.31976	0.102675	1.72569	1.72569	0.249485	1.4445	1.4445	0.47678	0.801672	-1.24739	0.333779	0.737406	-1.3561	0.657335	0.872479	-1.14616	0.323361	1.36572	1.36572	0.22738	1.47287	1.47287	0.358736	1.33424	1.33424	1.22845	1.81652	1.31441	1
cg27204739	ANKRD5;ANKRD5;ANKRD5;ANKRD5	0.391179	0.176272	0.645012	-1.55036	0.898723	1.0396	1.0396	0.337392	1.35208	1.35208	0.765013	1.09573	1.09573	0.225689	0.678383	-1.47409	0.791509	0.922375	-1.08416	0.0765497	0.548348	-1.82366	0.666233	1.14151	1.14151	0.407297	1.29502	1.29502	1.22845	1.80975	1.30951	1
cg03820120	SEMA6A	0.39118	0.088456	0.364936	-2.74021	0.874532	0.918741	-1.08845	0.517457	0.703312	-1.42184	0.239799	0.51678	-1.93506	0.145274	0.432232	-2.31357	0.685597	0.8039	-1.24394	0.0827039	0.356778	-2.80286	0.179269	0.465284	-2.14923	0.836933	1.11687	1.11687	1.22845	5.59625	4.04938	1
cg01482556	MGRN1;MGRN1;MGRN1;MGRN1	0.391204	?	?	?	0.761166	1.28761	1.28761	0.55769	1.63503	1.63503	0.508261	0.573204	-1.74458	?	?	?	0.701631	0.726727	-1.37603	0.146427	3.64237	3.64237	0.182638	3.23084	3.23084	0.110532	4.22912	4.22912	1.21678	10.3061	9.68001	1
cg08854185	DBNDD1;DBNDD1	0.391204	0.936008	0.954897	-1.04723	0.772625	1.18118	1.18118	0.493678	1.49108	1.49108	0.476016	0.659324	-1.5167	0.0441624	0.264772	-3.77684	0.184511	0.445321	-2.24557	0.831837	0.884957	-1.13	0.137307	0.398596	-2.50881	0.739427	0.825431	-1.21149	1.22839	6.42652	4.65035	1
cg21088108	ENGASE	0.391206	0.331397	0.566471	-1.76532	0.559289	1.39774	1.39774	0.935021	1.04733	1.04733	0.183622	0.449313	-2.22562	0.0651415	0.309035	-3.23587	0.667824	0.782837	-1.2774	0.0958388	0.354402	-2.82166	0.495322	0.675262	-1.48091	0.314277	0.554234	-1.80429	1.22839	6.25699	4.52769	1
cg10532290	PDZD8	0.391207	0.353106	0.781843	-1.27903	0.352611	0.781634	-1.27937	0.934445	1.02142	1.02142	0.173332	0.68855	-1.45233	0.3625	0.785785	-1.27261	0.268795	0.743301	-1.34535	0.0903894	0.618401	-1.61707	0.0541836	0.569591	-1.75565	0.89797	0.967497	-1.03359	1.22839	1.2907	0.933979	1
cg13158481	HOXD9	0.391217	0.0652525	17.4932	17.4932	0.916166	0.864503	-1.15673	0.739316	1.58689	1.58689	0.635009	0.516214	-1.93718	0.777704	0.676128	-1.47901	0.56976	0.451877	-2.21299	0.368332	3.58839	3.58839	0.130936	9.5373	9.5373	0.166792	7.67747	7.67747	1.22836	37.1987	26.9183	1
cg05336611	LSP1;LSP1;LSP1;LSP1	0.391224	0.429768	0.856924	-1.16696	0.0847261	0.694027	-1.44087	0.27481	0.804393	-1.24317	0.197102	0.770105	-1.29852	0.0614772	0.667923	-1.49718	0.918626	1.01977	1.01977	0.225657	0.783676	-1.27604	0.9468	1.01287	1.01287	0.705674	0.929892	-1.07539	1.22835	0.713972	0.516663	1
cg05698069	PDLIM2	0.391231	0.701293	1.14193	1.14193	0.327577	1.41624	1.41624	0.34067	1.40232	1.40232	0.171492	1.65088	1.65088	0.197209	1.59909	1.59909	0.288741	1.46116	1.46116	0.111356	0.550353	-1.81702	0.655757	1.16708	1.16708	0.406039	1.34006	1.34006	1.22833	2.30681	1.66933	1
cg05964918	C10orf129	0.391233	0.404384	0.516873	-1.93471	0.219025	2.71804	2.71804	0.162957	3.1645	3.1645	0.777193	0.802959	-1.24539	0.120355	0.271647	-3.68125	0.938861	0.942388	-1.06113	0.192982	0.344492	-2.90282	0.790534	0.813895	-1.22866	0.808786	0.829001	-1.20627	1.22833	11.6401	8.42346	1
cg22156632	WNT6	0.391254	0.438579	0.821152	-1.2178	0.952309	1.01503	1.01503	0.530615	1.17166	1.17166	0.0550536	1.72034	1.72034	0.601249	0.876771	-1.14055	0.694391	1.1035	1.1035	0.150336	0.680772	-1.46892	0.432636	0.818961	-1.22106	0.684624	0.903172	-1.10721	1.22828	1.21003	0.875682	1
cg13791971	FANCC	0.391267	0.380856	1.69152	1.69152	0.587816	0.726141	-1.37714	0.344502	0.565868	-1.7672	0.829545	1.13437	1.13437	0.745064	1.21021	1.21021	0.925356	1.05633	1.05633	0.31552	1.8347	1.8347	0.0272467	4.6089	4.6089	0.736454	1.21839	1.21839	1.22825	6.65205	4.81411	1
cg17213946	PTPRF;PTPRF	0.391271	0.54165	0.925797	-1.08015	0.130874	0.815818	-1.22576	0.143718	0.821978	-1.21658	0.485944	0.915438	-1.09237	0.575766	1.0731	1.0731	0.261429	1.15737	1.15737	0.142955	0.821625	-1.2171	0.824791	1.02806	1.02806	0.903898	1.01519	1.01519	1.22824	0.302937	0.219238	1
cg17097950	ATCAY	0.391281	0.874517	0.8957	-1.11645	0.1215	3.26964	3.26964	0.0860297	3.82954	3.82954	0.830512	1.16115	1.16115	?	?	?	0.922621	1.07005	1.07005	0.891362	1.09992	1.09992	0.802103	0.839406	-1.19132	0.202906	0.388841	-2.57175	1.2487	8.35758	5.8564	1
cg01218720	KCNH4	0.39129	0.52661	1.49506	1.49506	0.111998	2.95888	2.95888	0.396901	0.580553	-1.7225	0.505015	1.52808	1.52808	0.11489	0.341415	-2.92899	0.305549	0.51426	-1.94454	0.915547	1.06875	1.06875	0.599337	0.717274	-1.39417	0.468897	0.630079	-1.5871	1.2282	7.64305	5.53154	1
cg14393114	ZSWIM2	0.391299	0.209922	0.648528	-1.54195	0.264578	0.683118	-1.46388	0.205667	0.645607	-1.54893	0.340527	0.72476	-1.37977	0.413015	0.760115	-1.31559	0.112253	0.567387	-1.76247	0.087166	0.538475	-1.8571	0.0960629	0.549365	-1.82028	0.322838	0.715563	-1.3975	1.22818	2.08931	1.51213	1
cg20759724	NAA20;NAA20;NAA20	0.391309	0.400448	0.898123	-1.11343	0.872278	0.980115	-1.02029	0.313545	1.13897	1.13897	0.197844	0.843734	-1.18521	0.169059	0.832839	-1.20071	0.342094	0.88497	-1.12998	0.656201	1.05753	1.05753	0.475119	1.0949	1.0949	0.193703	1.1873	1.1873	1.22815	0.303145	0.219404	1
cg05237503	FBXO3;FBXO3	0.391324	0.126811	0.289385	-3.45561	0.832625	0.853077	-1.17223	0.651381	1.40711	1.40711	0.255601	2.43789	2.43789	0.0692392	0.217348	-4.60092	0.565607	0.646562	-1.54664	0.391106	0.51696	-1.93439	0.986913	0.98776	-1.01239	0.34541	0.482075	-2.07437	1.22812	10.9661	7.93706	1
cg18290624	SLC6A11	0.391326	0.318679	1.22617	1.22617	0.166062	1.33937	1.33937	0.286028	1.24509	1.24509	0.31074	1.2306	1.2306	0.12183	0.717639	-1.39346	0.638436	1.09816	1.09816	0.322889	0.817084	-1.22386	0.694282	1.08129	1.08129	0.782476	1.05628	1.05628	1.22812	0.761315	0.551027	1
cg23863896	RNFT2;RNFT2	0.391329	0.258714	1.22438	1.22438	0.0763793	1.40307	1.40307	0.351823	0.848234	-1.17892	0.0943468	1.37152	1.37152	0.661473	0.927101	-1.07863	0.485911	1.12934	1.12934	0.415721	1.15362	1.15362	0.670735	1.07623	1.07623	0.845106	1.03417	1.03417	1.22811	0.57399	0.415446	1
cg05232628	CAV1	0.391333	0.193535	0.383432	-2.60802	0.251857	0.434288	-2.30262	0.483863	1.6417	1.6417	0.635884	0.717265	-1.39418	0.344169	0.50716	-1.97176	0.126102	0.315641	-3.16816	0.059115	0.226543	-4.41418	0.375281	0.530449	-1.8852	0.623624	0.708494	-1.41144	1.2281	9.44257	6.83446	1
cg21419475	EIF2B1;GTF2H3	0.391344	0.606925	0.915591	-1.09219	0.189065	1.26673	1.26673	0.645071	0.924208	-1.08201	0.752305	1.05528	1.05528	0.0651348	1.42175	1.42175	0.0908722	1.37235	1.37235	0.961883	0.991912	-1.00815	0.77732	0.95296	-1.04936	0.581998	1.09908	1.09908	1.22808	0.561668	0.406539	1
cg26883351	PRRG1;PRRG1	0.391344	0.223155	0.493942	-2.02453	0.998177	1.00126	1.00126	0.642546	1.29378	1.29378	0.0442508	3.57304	3.57304	0.46867	1.50122	1.50122	0.245182	0.511786	-1.95394	0.801584	1.14884	1.14884	0.793046	1.15591	1.15591	0.643956	1.29235	1.29235	1.22807	5.90603	4.27482	1
cg23171628	C12orf75	0.39135	0.370342	0.630848	-1.58517	0.112109	0.42048	-2.37824	0.0406619	0.306178	-3.26607	0.227139	0.529947	-1.88698	0.271456	0.563651	-1.77415	0.264766	0.558744	-1.78973	0.643337	0.791749	-1.26303	0.24704	0.545448	-1.83336	0.854022	0.91189	-1.09662	1.22806	4.87779	3.53061	1
cg02633286	CREB3L2	0.391363	0.195126	0.825085	-1.212	0.173105	0.815953	-1.22556	0.456643	0.899094	-1.11223	0.494757	1.10217	1.10217	0.921221	1.01398	1.01398	0.0755451	0.75762	-1.31992	0.335221	0.869851	-1.14962	0.52726	0.914046	-1.09404	0.411531	1.12504	1.12504	1.22803	0.382886	0.277146	1
cg05255333	FNDC3A	0.391367	0.115942	1.63578	1.63578	0.450381	1.24796	1.24796	0.262674	1.39984	1.39984	0.981293	0.99327	-1.00678	0.674621	0.885493	-1.12931	0.339948	1.32746	1.32746	0.150284	0.64138	-1.55914	0.347147	0.756675	-1.32157	0.601534	1.16387	1.16387	1.22802	1.61343	1.16786	1
cg02371376	PSTPIP1	0.391371	0.153968	0.558621	-1.79012	0.998211	0.999145	-1.00086	0.140957	0.546564	-1.82961	0.102763	0.506091	-1.97593	0.291118	0.658408	-1.51881	0.351713	0.693757	-1.44143	0.291171	1.51874	1.51874	0.780296	0.898814	-1.11258	0.464962	0.752983	-1.32805	1.22801	2.83074	2.04901	1
cg19211382	ABCC13;ABCC13	0.391372	0.790314	0.925505	-1.08049	0.525895	0.829689	-1.20527	0.939034	0.978024	-1.02247	0.523072	0.828603	-1.20685	0.251337	0.705997	-1.41644	0.134797	0.626037	-1.59735	0.12023	0.612861	-1.63169	0.172175	1.52522	1.52522	0.549197	1.1925	1.1925	1.22801	1.64119	1.18797	1
cg18128550	SLC22A11	0.391373	0.976332	1.01428	1.01428	0.0913314	2.43216	2.43216	0.0810421	2.52087	2.52087	0.942229	1.03525	1.03525	0.22482	0.543679	-1.83932	0.322256	1.63026	1.63026	0.782225	1.14162	1.14162	0.7235	0.843844	-1.18505	0.924607	1.04628	1.04628	1.22801	4.44339	3.21633	1
cg27088449	CRKL	0.391374	0.330697	0.889309	-1.12447	0.896684	1.0153	1.0153	0.0994763	1.23496	1.23496	0.824835	0.974424	-1.02625	0.843281	1.0234	1.0234	0.641185	1.05639	1.05639	0.0607281	0.781049	-1.28033	0.841012	1.02375	1.02375	0.58369	0.937365	-1.06682	1.22801	0.265682	0.192313	1
cg19712573	JAM3	0.39138	0.309415	0.431027	-2.32004	0.0582211	0.180405	-5.54308	0.0591681	0.181858	-5.49879	0.825983	0.838479	-1.19264	0.379671	0.486255	-2.05654	0.75274	0.776585	-1.28769	0.251705	0.383642	-2.60659	0.677387	0.715531	-1.39756	0.725616	1.32566	1.32566	1.22799	12.4491	9.01137	1
cg11475420	KRTAP25-1	0.39138	0.178446	2.94405	2.94405	0.552451	0.635122	-1.5745	0.0770025	0.22646	-4.41579	0.666724	1.38713	1.38713	0.569736	1.54328	1.54328	0.28216	0.429932	-2.32595	0.804491	0.829172	-1.20602	0.283207	2.32136	2.32136	0.93806	1.06046	1.06046	1.22799	11.0948	8.03105	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(1057 vs. N)	Fold-Change(1 vs.057)	p-value(1117 vs. N)	Fold-Change(1 vs.117)	p-value(1127 vs. N)	Fold-Change(1 vs.127)	p-value(1217 vs. N)	Fold-Change(1 vs.217)	p-value(3477 vs. N)	Fold-Change(1 vs.347)	p-value(3477 vs. N)	Fold-Change(1 vs.477)	p-value(3537 vs. N)	Fold-Change(1 vs.353)	p-value(3537 vs. N)	Fold-Change(1 vs.537)	p-value(5377 vs. N)	Fold-Change(1 vs.537)	p-value(5637 vs. N)	Fold-Change(1 vs.563)	F(Error)	SS(Test)	SS(Error)	df
cg16519668	AR1;BCAR1;BCAR1	0.391383	0.395786	1.43237	1.43237	0.553497	1.28103	1.28103	0.06748	2.33144	2.33144	0.430741	1.39417	1.39417	0.482463	1.34306	1.34306	0.278986	0.628081	-1.59215	0.332329	0.661509	-1.51169	0.694218	0.849372	-1.17734	0.296686	1.56372	1.56372	1.22799	3.32038	2.40348	1
cg05236705	CCNE1;CCNE1	0.391384	0.360341	0.646201	-1.54751	0.321654	0.621634	-1.60866	0.247556	0.570444	-1.75302	0.133996	0.472185	-2.11781	0.0520323	0.35833	-2.79072	0.326976	0.625086	-1.59978	0.102778	0.436559	-2.29064	0.572519	0.76737	-1.30315	0.284111	0.596503	-1.67644	1.22798	4.19298	3.03513	1
cg24993263	MAK12	0.391385	0.371985	0.725525	-1.37831	0.695959	0.871358	-1.14737	0.255667	0.51495	1.51495	0.353082	0.777525	-1.28625	0.137021	0.39272	-2.54628	0.884337	0.512522	-1.95113	0.400377	0.738833	-1.35166	0.303659	0.584909	-1.45199	0.339552	1.41138	1.41138	1.22798	2.38313	1.72505	1
cg24321432	VMAC;VMAC;NDUFA11	0.391389	0.0623333	2.33634	2.33634	0.757205	1.13363	1.13363	0.92552	0.962889	-1.03854	0.052032	2.444955	2.444955	0.995563	1.00221	1.00221	0.212292	1.70125	1.70125	0.863587	0.933534	-1.07212	0.420154	1.39532	1.39532	0.733139	1.14846	1.14846	1.22797	3.18147	2.30296	1
cg02885498	FARSA	0.391394	0.964525	0.994717	-1.00531	0.244968	1.15588	1.15588	0.23574	1.15951	1.15951	0.196083	1.17681	1.17681	0.143282	1.20634	1.20634	0.989412	1.00158	1.00158	0.362837	0.894585	-1.11794	0.360711	1.11842	1.11842	0.11064	1.23005	1.23005	1.22796	0.275903	0.199719	1
cg06956098	SNIP1	0.391396	0.882614	0.945647	-1.05748	0.0933856	0.497562	-2.0098	0.0650768	0.456826	-2.18902	0.592492	0.815174	-1.22673	0.92595	1.03579	1.03579	0.970092	0.985919	-1.01428	0.269775	1.54446	1.54446	0.862321	1.06786	1.06786	0.342797	0.690956	-1.44727	1.22796	2.78241	2.01412	1
cg26270870	C20orf70	0.391401	0.71187	0.815802	-1.22579	0.2834431	0.542505	1.8433	0.0257956	0.2465642	-4.15725	0.377067	1.64401	1.64401	0.10096	0.625648	-1.77763	0.667212	0.788669	-1.26793	0.502642	1.25852	1.25852	0.988632	0.992212	-1.00785	0.843751	0.897353	-1.11439	1.22794	5.85673	4.2396	1
cg00961640	SLC16A4	0.391407	0.100167	2.288721	-1.34761	0.6006519	1.4252	1.4252	0.955149	1.03845	1.03845	0.425368	0.579247	-1.72638	0.102914	0.302165	3.30945	0.741304	1.831705	-1.20235	0.129794	0.333625	-2.99737	0.908597	1.08008	1.08008	0.190136	0.394259	0.5364	1.22793	8.75005	6.33409	1
cg24943749	GPC1	0.391414	0.80469	0.961555	-1.03998	0.284577	1.1923	1.1923	0.495796	1.11564	1.11564	0.879043	0.976191	-1.02439	0.591392	1.08953	1.08953	0.962144	0.992518	-1.00754	0.0397288	0.686428	-1.45682	0.40647	0.874263	-1.14382	0.360909	1.16023	1.16023	1.22792	0.486907	0.352472	1
cg19414719	PDE6B;PDE6B	0.391419	0.632495	0.857903	-1.16551	0.709555	1.85916	1.85916	0.738528	1.11237	1.11237	0.131005	1.67926	1.67926	0.400503	0.760656	-1.31466	0.798332	0.92182	-1.0848	0.205151	0.653795	-1.52953	0.928861	1.03084	1.03084	0.924942	1.03041	1.03041	1.22791	1.96528	1.42268	1
cg11795459	C7orf70	0.391421	0.263613	1.42868	1.42868	0.0536795	1.95568	1.95568	0.900566	0.962456	-1.03901	0.935607	0.975567	-1.02505	0.263899	1.42605	1.42605	0.500653	1.23278	1.23278	0.446988	1.2678	1.2678	0.220062	1.48402	1.48402	0.0888029	1.7765	1.7765	1.2279	1.82259	1.31939	1
cg21570947	FOXO1	0.391424	0.0504291	1.92458	1.92458	0.0246433	0.960628	-1.04181	0.676529	0.646453	-1.5469	0.959268	0.948442	-1.05436	0.35928	1.37115	-2.69458	0.313197	0.39184	-2.55425	0.239347	0.278837	-3.58632	0.884932	0.859935	-1.16288	0.857792	1.20431	1.20431	1.22789	1.20.824	15.1343	1
cg10455133	ARAF	0.391427	0.242556	1.372121	-2.6873	0.0569841	0.175357	-5.70264	0.0154335	0.585962	-1.7066	0.301473	2.37574	2.37574	0.499061	1.74112	1.74112	0.264639	0.390732	-2.5593	0.422406	0.516899	-1.93462	0.94794	1.0542	1.0542	0.862236	1.15072	1.15072	1.22789	12.7051	9.19747	1
cg05095466	C5orf42	0.39144	0.913354	0.961437	-1.04011	0.265566	0.657581	-1.52072	0.0549136	0.455428	-2.19574	0.542013	0.800098	-1.24985	0.407967	1.35773	1.35773	0.65499	0.850015	-1.17645	0.964731	1.0161	1.0161	0.94981	0.572419	-1.74697	0.187135	0.603405	-1.65726	1.22786	2.53863	1.8378	1
cg01878693	PON1	0.391445	0.810766	1.15853	1.15853	0.0966074	0.179724	-5.69075	0.0946871	0.221763	-4.72226	0.557437	1.65106	1.65106	0.0955538	0.737212	1.35629	0.440481	1.54543	-1.54414	0.565887	1.62469	1.62469	0.865954	0.860946	-1.15347	0.503757	1.77429	1.77429	1.2284	6.46511	4.68062	1
cg14404164	PTPRN2;PTPRN2;PTPRN2	0.391447	0.0878099	0.375267	-3.63283	0.228559	0.420958	-2.37554	0.606972	0.700995	-1.42654	0.918711	1.0724	1.0724	0.0831143	0.26885	-3.71955	0.425559	0.572866	-1.74561	0.200884	0.396565	-2.52165	0.241159	0.431678	-2.31654	0.163998	0.361746	-2.76437	1.22784	9.11584	6.59937	1
cg02396721	UFD1L;UFD1L;CDC45L	0.391451	0.817537	1.12648	1.12648	0.679951	0.607562	1.21828	0.355953	0.631088	1.63111	0.552749	1.36267	1.36267	0.197733	0.461312	-2.16867	0.654287	1.08272	1.08272	0.907407	0.638662	-1.56529	0.854467	0.909728	-1.09923	0.801688	1.13846	1.13846	1.22783	5.16309	3.73782	1
cg16519171	URAC41	0.391459	0.222913	1.61918	1.61918	0.306533	1.48938	1.48938	0.275374	1.53268	1.53268	0.134264	1.70983	1.70983	0.104011	0.587766	-1.70242	0.790742	1.26464	0.70019	0.864504	-1.15673	0.793024	1.13916	1.13916	0.152214	0.29518	0.166809	1.57713	1.57713	1.22777	2.7535	1.9935	1
cg18104645	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.391483	0.561206	1.09768	1.09768	0.848975	1.0307	1.0307	0.355793	1.16262	1.16262	0.605266	1.08623	1.08623	0.156995	1.27139	1.27139	0.501259	0.897374	-1.11436	0.800525	0.960633	-1.04098	0.377768	0.866265	-1.15438	0.0478243	1.43181	1.43181	1.22776	0.489336	0.354276	1
cg07037944	DAPK2	0.391502	0.0683015	0.214705	-4.65756	0.715205	0.758844	-1.31779	0.628905	0.690366	-1.44299	0.292914	0.439698	-2.27429	0.213212	0.372554	-2.68418	0.51208	0.606086	-1.64993	0.0479315	0.182155	-5.48083	0.305795	0.440999	-2.22223	0.293568	0.440223	-2.27157	1.22771	11.0269	7.98368	1
cg17363540	AP1M;AP1NR;AP1NR	0.391504	0.177178	0.668191	1.64422	0.137079	0.599015	-1.7423	0.14769	0.583617	-1.71345	0.194278	0.621212	1.60976	0.0271325	0.640208	-1.56199	0.154429	0.589507	-1.69633	0.182066	0.631994	-1.634	0.721596	0.883342	-1.13206	0.143775	0.580109	-1.72381	1.22771	2.33704	1.69207	1
cg20797740	KPNB1	0.391506	?	?	?	0.278544	1.63598	1.63598	?	?	?	0.145717	0.501287	-1.99486	0.980511	1.01058	1.01058	0.778084	1.12955	1.12955	0.15834	0.513946	-1.94573	?	?	?	0.830554	0.911777	-1.09676	1.22645	2.35928	1.86585	1
cg24848794	WDR51A;WDR51A;WDR51A	0.391507	0.122155	0.75847	-1.31779	0.8206	0.963278	-1.03812	0.962431	1.00779	1.00779	0.424353	0.87425	-1.14384	0.326776	0.846407	-1.18146	0.0294522	0.655487	-1.52558	0.363945	0.857551	-1.16611	0.860638	0.97147	-1.02917	0.770179	1.04943	1.04943	1.2277	0.527534	0.381948	1
cg18235000	PNMA2	0.391509	0.334872	1.26356	1.26356	0.7744	0.679559	1.17524	0.512809	0.753245	-1.32743	0.38312	1.54371	1.54371	0.0897127	0.647554	-1.54457	0.884662	1.08663	1.08663	0.809595	0.965569	0.885511	1.12966	0.534932	-1.87395	0.540689	0.703669	-1.42112	1.2297	6.46511	4.68062	1
cg27051954	KCTD8	0.391513	0.349254	0.876906	-1.14037	0.618075	0.933775	-1.07092	0.386558	1.12862	1.12862	0.358381	0.879196	-1.1374	0.0521186	1.35144	1.35144	0.540216	1.0882	1.0882	0.588524	1.0773	1.0773	0.414522	1.12042	1.12042	0.339236	1.14371	1.14371	1.22769	0.361323	0.26161	1
cg13158213	NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	0.391519	0.76361	1.1898	1.1898	0.662317	0.55667	1.2164	0.443668	0.62232	1.62232	0.549893	1.18388	1.18388	0.0986594	0.845102	-1.1834	0.360975	0.760498	1.29955	0.553363	0.84573	1.18241	0.859844	0.808054	1.1286	0.328768	0.613668	1.1286	1.22769	1.15166	1.09095	1
cg20167074	S100A10	0.391526	0.291898	2.21101	2.21101	0.5636881	0.9018	0.9018	0.531881	1.58315	1.58315	0.313999	2.12875	2.12875	0.1426	1.31764	1.31764	0.376721	1.93121	1.93121	0.10278	0.365149	3.61549	0.181649	2.79756	2.79756	0.443208	1.76339	1.76339	1.22766	10.2356	7.41112	1
cg00910720	NXT2	0.39153	0.107586	0.175706	-5.69194	0.09448	0.161999	-6.17286	0.78662	1.30824	1.30824	0.52508	1.89217	1.89217	0.998047	0.997579	-1.00243	0.130964	0.198932	-5.0271	0.985766	0.98249	-1.01782	0.596419	1.6976	1.6976	0.739805	1.39102	1.39102	1.22765	19.065	13.8041	1
cg13090236	LOC100130093;LOC100130093	0.391542	0.134993	1.828092	1.828092	0.1120445	1.07035	1.07035	0.888873	1.16893	1.16893	0.148678	1.33085	1.33085	0.10246	0.643	-1.5546	0.0861433	0.579464	-1.72573	0.688678	1.19867	1.19867	0.0984218	0.829671	1.17311	1.17311	0.796899	0.928471	1.07704	1.22762	1.63005	1.1658	1
cg07534011	LRRC56	0.391597	0.277042	1.62359	1.62359	0.399143	1.44779	1.44779	0.270921	1.63455	1.63455	0.323711	1.54796	1.54796	0.72155	0.85778	-1.1658	0.761395	1.13946	1.13946	0.291748	1.59832	1.59832	0.0431749	2.7107	2.7107	0.119513	2.06304	2.06304	1.2275	3.57267	2.58714	1
cg16697743	CCDC90B;CCDC90B	0.3916	0.087547	2.770334	2.770334	0.64423	0.0899206	-2.19271	0.245466	0.66726	1.06726	0.229165	0.664233	-1.18174	0.0976225	0.547448	-1.82642	0.0739532	0.584134	-1.71353	0.0524982	0.0920882	-1.08592	0.262748	0.537885	-1.85958	0.165666	0.27494	0.504016	1.22752	1.24612	1
cg04683068	DNMT3A;DNMT3A;DNMT3A	0.391601	0.623176	1.11138	1.11138	0.966614	0.991114	-1.00897	0.407815	1.19787	1.19787	0.64974	1.1024	1.1024	0.883435	1.03178	1.03178	0.21843	1.3179	1.3179	0.0166553	1.86524	1.86524	0.486397	1.16278	1.16278	0.985075	0.996019	-1.004	1.22749	0.883997	0.640149	1
cg22263548	SYNGR1	0.391606	0.98371	0.990004	-1.0101	0.174743	0.204858	2.03458	0.170392	2.05126	2.05126	0.997969	1.0125	1.0125	0.0697599	0.36864	-2.71267	0.666608	0.807934	-1.23772	0.629013	0.786983	-1.27068	0.47726	1.42639	1.42639	0.785683	0.874484	-1.14353	1.22748	4.70731	3.40884	1
cg13904493	KIAA1804	0.391613	0.2890011	1.6	1.6	0.0567917	0.732546	1.36581	0.576219	0.72128	1.38581	0.576219	0.72128	1.38581	0.0615601	0.624652	-1.60204	0.0894252	0.49084	-2.03775	0.0179	0.0497884	0.80003	-1.24995	0.10742	-9.30842	-1.48495	0.107326	2.21037	2.20137	1.22753	0.59355	0.27102	1
cg03172341	EIF2C2;EIF2C2	0.391618	0.374315	0.469643	-2.12928	0.0702773	0.18694	-5.34932	0.131035	0.258907	-3.8624	0.538854	1.67478	1.67478	0.266397	0.382992	-2.61102	0.374997	0.470176	-2.12686	0.129149	0.25692	-3.89227	0.402257	0.491417	-2.03493	0.757175	0.773335	-1.2931	1.22745	13.3532	9.67002	1
cg19473021	PFKFB3	0.391633	0.5936363	1.2	1.2	0.5839	0.154154	1.37154	0.0607214	0.976052	-1.02454	0.0244672	0.840813	-1.18933	0.0194706	0.404202	-2.47411	0.575755	0.74223	-1.34722	0.201262	0.703259	-1.42206	0.40626	0.966107	1.03502	0.872712	0.979979	1.02135	0.945603	1.13504	1.13542	0.145853	0.38504	0.644005	0.611658	1
cg19078574	INPP4A;INPP4A;INPP4A;INPP4A	0.391637	0.705119	1.17301	1.17301	0.700438	1.17617	1.17617	0.442018	0.7916165	-1.38963	0.0176003	0.36133	3.36133	0.0143269	1.4206	1.4206	0.996798	0.00169	1.00169	0.866175	1.07336	1.07336	0.499355	1.33352	1.33352	0.540073	1.2974	1.2974	1.22741	1.42481	2.48025	1
cg20630567	CCDC115;MP4;CCDC115	0.391638	0.37022	1.14512	1.14512	0.450608	1.11986	1.11986	0.109118	1.29343	1.29343	0.764474	0.956715	-1.04524	0.104091	1.29913	1.29913	0.597317	0.924494	-1.08167	0.784753	1.04114	1.04114	0.153045	1.25276	1.25276	0.16855	1.24118	1.24118	1.22741	0.421591	0.305317	1
cg16544272	MYO19;MYO19;MYO19;MYO19-PIGW	0.391641	0.30748	1.657081	-1.53591	0.999068	1.47547	1.00047	0.281581	1.5755	1.5755	0.242123	1.78093	1.78093	0.0503093	0.83546	-1.19695	0.371051	1.4523	-1.45201	0.660093	1.2483	1.2483	0.0672511	0.89571	1.45079	0.45679	0.767607	2.29729	1.22741	1.30759	0.32296	1
cg09284275	MYH11;MYH11;MYH11;MYH11	0.391649	0.169874	0.33764	-2.96173	0.0812134	0.237975	-4.20212	0.241143	0.402024	-2.48741	0.286568	0.439619	-2.2747	0.150188	0.318073	-3.14393	0.221794	0.385327	-2.5952	0.101419	0.263977	-3.7882	0.324397	0.469639	-2.1293	0.375879	0.509209	-1.96383	1.22738	10.721	7.76429	1
cg10154804	DMXL2;DMXL2	0.391654	0.0447041	0.554405	-1.80393	0.0996274	1.00918	1.00918	0.912356	0.932744	-1.0721	0.163367	1.32677	1.32677	0.0266302	0.753992	-1.32617	0.0907727	0.610865	1.63766	0.0181816	0.0497858	0.91093	-1.09798	0.0710869	1.40607	1.40607	0.0139705	0.0497858	0.91093	-1.09798	0.0710869	1.40607	1.40607	0.0139705	1.4607	1.4607	0.0139705	1.22731	1.22731

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 37)	Fold-Change(537T vs. 37)	p-value(563T vs. N)	Fold-Change(563T vs. N)	p-value(563T vs. 63)	Fold-Change(563T vs. 63)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg04212500	ERAL1	0.392112	0.200968	0.182525	-5.47805	58705	0.979769	-1.02055	0.965615	1.05579	1.05579	0.094496	0.12216	10.12216	0.460531	0.392458	-2.54806														
cg22775642	SCAR81;SCAR81	0.392114	0.987119	0.992471	-1.00759	0.281661	0.592286	-1.68837	0.347749	1.57235	0.390515	1.50966	1.50966	0.710279	0.839728	-1.19086															
cg26085285	MAX;MAX;MAX;MAX;MAX;MAX	0.392119	0.380958	0.863432	-1.15817	0.886001	1.023613	1.023613	0.744273	0.94809	-1.05475	0.21173	0.805852	-1.24092	0.210871	1.24149	1.24149														
cg20099233	DPYSL3	0.392125	0.975604	1.00948	1.00948	0.089776	1.795582	1.795582	0.838229	1.06509	1.06509	0.298211	0.717015	-1.39467	0.891155	0.958615	-1.04313														
cg06846512	BTBD7;BTBD7;KIAA1409	0.392128	0.919854	0.945359	-1.0578	0.634130	1.307033	1.307033	0.983202	1.08184	-1.03182	0.369014	1.67382	1.67382	0.927168	0.950237	-1.05237														
cg07701241	DGKZ;DGKZ;DGKZ	0.392141	0.797506	1.09252	1.09252	0.1548299	2.805472	2.805472	0.617097	1.18913	1.18913	0.5384	0.807046	-1.23909	0.84827	0.936208	-1.06814														
cg18445047	SPATA2L	0.392143	0.195815	1.65104	1.65104	0.044204	2.333224	2.333224	0.712781	1.14513	1.14513	0.701915	1.15137	1.15137	0.197368	0.606851	-1.64785														
cg11502671	GYG2;GYG2	0.392153	0.250227	0.480626	-2.07932	0.620218	1.748175	-1.33659	0.794915	0.820645	1.215855	0.967288	1.02414	1.02414	0.132591	0.881002	-1.34997														
cg11508369	ANGPTL2;RALGPS1 TMEM51;TMEM51;C1orf126;TMEM51;	0.392158	0.520269	0.740494	-1.34392	0.263683	0.589515	-1.49531	0.604875	1.26383	1.26383	0.982833	1.046113	-1.05696	0.653065	0.814467	-1.2278														
cg25975626	TMEM51	0.39216	0.553519	0.697606	-1.43347	0.6624817	0.283749	-3.52424	0.106826	0.347222	-2.88	0.362844	0.570125	-1.754	?	?	?														
cg08466051	TTC21B	0.392164	0.88689	0.969206	-1.03177	0.213839	0.75003	-1.33328	0.380267	1.22871	1.21871	0.61553	0.89469	-1.11771	0.601006	0.890512	-1.12295														
cg18827097	ADI1 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.392168	0.773856	0.957068	-1.04486	0.103675	1.31134	1.31134	0.0714918	1.35875	1.35875	0.597589	0.922066	-1.08452	0.333559	0.859059	-1.16406														
cg21765830	M2;ABLIM2;ABLIM2	0.392175	0.810082	1.06498	1.06498	0.239403	0.724587	-1.3801	0.0821663	0.604371	-1.65461	0.761203	0.923391	-1.08296	0.418339	0.813258	-1.22962														
cg02345758	NLRP11;NLRP4	0.392179	0.101226	2.019857	-4.63227	0.780905	1.780905	-1.26732	0.751969	1.79343	-1.13243	0.501726	0.55852	-1.79045	0.0306879	0.114325	-8.74703														
cg20194856	AP3B2	0.392182	0.553741	1.11549	1.11549	0.334818	1.18825	1.18825	0.399769	1.16123	1.16123	0.690722	1.07181	1.07181	0.0432835	1.49648	1.49648														
cg21249823	DPF3	0.392185	0.358057	1.2495	1.2495	0.330256	1.26732	1.26732	0.507713	1.13723	1.13723	0.145473	1.449	1.449	0.901786	0.971442	-1.0294														
cg02323694	PPP1R12A;PPP1R12A;PPP1R12A	0.392187	0.870149	0.981928	-1.0184	0.550785	1.0696	1.0696	0.0245525	1.94867	1.94867	0.634635	0.948034	-1.05481	0.762428	0.934973	-1.03437														
cg23901444	ARHGAP22;ARHGAP22	0.39219	0.139717	0.0738262	-13.5453	0.187429	0.101156	-9.88575	0.824968	0.695455	-1.43791	0.589428	0.409237	-2.44357	0.300147	0.171917	-5.81677														
cg18940202	GTF2A2	0.392193	0.0934091	0.537346	-1.79342	0.6870673	0.155366	-2.8207	0.0944257	0.709089	-1.0224	0.682863	0.997308	-1.00278	0.421202	0.799358	-1.25096														
cg10061292	BRD2;BRD2	0.392193	0.473709	1.65402	1.65402	0.160915	0.355522	-2.81276	0.0752985	0.254717	-3.92593	0.733489	1.2662	1.2662	0.211075	0.484923	-2.06218														
cg24807850	PRDM16;PRDM16	0.392193	0.512375	0.678817	-1.47415	0.674933	1.274133	1.274133	0.128459	1.30113	1.30113	0.88459	1.020855	1.020855	0.846501	0.947068	-1.05579														
cg06041361	TTC38	0.392203	0.159686	0.47989	-2.08381	0.057283	1.86017	1.86017	0.716857	1.19479	1.19479	0.593156	0.768344	-1.3015	0.38399	0.646495	1.5468														
cg17339505	RET;RET;RET;RET	0.392204	0.649317	1.47664	1.47664	0.975772	0.974501	-1.02617	0.366719	2.20772	2.20772	0.524887	1.73177	1.73177	0.743306	0.179048	-5.5851	?	?	?	?	0.422991	0.497411	-2.01042	0.194676						
cg15834508	F2RY14;MED12L;P2RY14	0.392219	0.968824	0.993014	1.00302	0.873503	1.144545	1.144545	0.0178118	1.80612	1.80612	0.0161	0.826112	0.826112	0.151357	0.509109	-1.08506	0.803453	-1.24452	0.751357	0.809594	-1.23511	0.80994	-1.06392	0.0765464	1.65721	0.6571	1.65721	0.0765464	1.65721	0.6571	1.65721	0.0765464	1.65721	0.6571	1.65721

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	df	F(Error
cg09806575	KIAA1609		0.392782	1.635431	-0.57596	1.078628	0.604396	-1.65454	0.826015	0.944961	-1.05824	0.100094	0.638065	-1.56724	0.197947	0.704748	-1.41895		0.379866	0.793227	-1.26067	0.837229	1.0543	0.949704	1.01635	0.765529	0.925975	-1.07994	1.22481	1.28273	0.930025	1
cg22969986	MDGA2;MDGA2		0.392787	0.856285	-1.16784	1.028066	1.24037	1.240437	0.426449	1.11224	1.11224	1.11224	0.847113	1.0256	1.0256	0.306738	1.14861	1.14861		0.42128	0.898011	-1.11357	0.184126	0.831536	-1.20259	0.975383	0.995968	-1.00405	0.381317	1.12477	1.12477	1.12479	0.332578	0.241367	1
cg23103314	MARCH5;MARCH5;CPEB3		0.392789	0.34214	0.795022	-1.25783	0.867742	1.039383	1.039383	0.276338	0.766921	-1.30391	0.259323	1.31757	1.31757	0.415178	1.21555	1.21555		0.757669	1.07523	1.07523	0.181564	0.717224	-1.39426	0.233751	1.33987	1.33987	0.254433	1.32166	1.32166	1.32479	1.06544	0.77324	1
cg23970261	TFF3		0.392791	0.0502349	0.489955	-2.041	0.931323	1.027981	1.027981	0.222656	0.663269	-1.50768	0.593469	0.841997	-1.18794	0.114561	0.577788	-1.73073		0.26914	0.692234	-1.4446	0.169357	0.626293	-1.5967	0.771552	0.911147	-1.09752	0.331255	0.725853	-1.37769	1.04778	1.981613	1.43817	1
cg16537044	ASB10;ASB10;ASB10;ASB10		0.392795	0.664632	0.830566	-1.204	0.5596203	0.474232	2.471332	0.927938	0.962232	-1.03925	0.543458	0.769702	-1.2992	0.206953	0.56753	-1.76202		0.252506	0.601264	-1.66316	0.914328	1.04687	0.422328	0.705505	-1.41742	0.353045	0.665833	-1.50188	1.24878	3.513186	2.55021	1
cg13687313	PPOX;PPOX		0.392796	0.512654	1.29316	1.293516	0.0599555	2.02974	2.029974	0.769373	1.31206	1.31206	1.202556	0.744774	1.13482	1.134482	0.966329	1.01648	1.016648		0.0594704	0.438826	-2.27881	0.453491	0.746043	-1.34402	0.613911	1.21768	1.217768	0.887572	1.0563	1.0563	1.06427	0.907085	2.110391	1
cg02032440	C15orf17		0.392798	0.85721	0.877407	-1.13972	0.0946575	3.795887	3.795887	0.0444394	5.34502	5.34502	0.769199	1.2382	1.2382	0.305733	0.662972	-2.15996		0.902435	1.09314	1.09314	0.975584	1.02247	1.02247	0.773552	1.23305	1.23305	0.980201	0.982141	-1.01818	1.02477	1.02477	1.02477	10.2284	7.4234	1
cg11133962	KCNAB1;KCNAB1;KCNAB1		0.392802	0.190796	0.883902	-2.59133	0.2429506	2.31886	2.318886	0.4670568	1.79129	1.79129	0.142309	0.358186	-2.95696	0.219739	0.413833	-2.42793		0.579532	0.680664	-1.46915	0.223594	0.745246	-1.34192	0.24	0.979708	-1.02467	0.991004	0.994077	-1.00596	1.02476	9.1643	6.65113	1
cg06997259	SH3BP4		0.392808	0.366994	0.576427	-1.73483	0.4328029	0.615335	-1.62513	0.234712	0.476905	-2.09686	0.480606	0.652978	-1.53145	0.258293	0.710776	-1.40734		0.342382	0.559043	-1.78877	0.059064	0.281631	-3.55075	0.826228	0.877476	-1.13963	0.262649	0.502661	0.589641	1.324675	0.854646	0.470813	1
cg00917899	SLC25A33		0.392811	0.528246	1.5486	1.5486	0.856725	0.883647	-1.13167	0.968597	1.02731	1.02731	0.483954	0.614546	-1.62722	0.184535	0.381625	-2.62037		0.565687	0.672043	-1.488	0.102506	3.39707	3.39707	0.109932	0.303429	-3.29566	0.845039	1.14332	1.14332	1.32474	9.087	6.59513	1
cg08357648	PLXNB1;PLXNB1		0.392816	0.982709	0.989424	-1.01054	0.913346	0.44057	-2.26809	0.782065	0.872806	-1.14573	0.071539	2.68018	2.68018	0.507247	1.97056	-1.97056		0.8864	0.932269	-1.07256	0.875538	1.07994	1.07994	0.933972	1.1436	1.1436	0.327143	1.64265	1.64265	1.62473	4.66921	3.38884	1
cg06877860	C20orf43		0.392822	0.267753	1.2746	1.2746	0.860192	0.963626	-1.03775	0.332979	0.810673	-1.23354	0.60451	0.896003	-1.11607	0.108618	0.692248	-1.44457		0.981116	1.00499	1.00499	0.164813	0.732388	-1.3654	0.357142	1.22023	1.22023	0.400979	1.19803	1.19803	1.24272	0.856784	0.621847	1
cg05955301	PIEL8;PIEL9		0.392823	0.176771	0.7933946	-1.12745	0.0336839	0.144118	-6.93877	0.126616	0.276758	-3.61327	0.847986	1.56088	1.56088	0.246251	0.991275	-2.55715		0.461492	0.558334	-1.79104	0.521565	0.606484	-1.65376	0.476564	0.560744	-1.78517	0.688715	1.3676	1.3676	1.22471	11.7228	8.50832	1
cg11183001	TTC23L		0.392826	0.555085	1.11011	1.11011	0.213492	0.79514	-1.25764	0.784612	0.953582	-1.04868	0.238109	0.805538	-1.24141	0.377127	1.17186	1.17186		0.163367	1.29736	1.29736	0.129658	0.750885	-1.33176	0.76159	0.948144	-1.05469	0.960131	1.00879	1.00879	1.22417	0.593982	0.431112	1
cg02096434	CHD9		0.392835	0.264061	1.64262	1.64262	0.312168	0.640703	-1.56079	0.819151	1.1019	1.1019	?	?	?	?	?	?		0.635307	0.816597	-1.22459	0.865513	0.930706	-1.07476	0.677734	1.19384	1.19384	0.0628198	0.467263	2.467263	1.237364	2.678809	2.16387	1
cg14943796	BAHCC1		0.392835	0.071465	0.8449179	-4.05317	0.1424557	1.56049	1.56049	0.0855481	1.45881	0.517762	0.636321	-1.57153	0.582254	0.671938	-1.48823		0.629408	0.715253	-1.3981	0.0760008	0.256356	-3.90083	0.587397	1.4589	1.4589	0.452569	0.590062	-1.69474	1.22469	9.21762	6.69024	1
cg19056098	DJMD;DMD;DMD;DMD;DMD;DMD;DM D;DMD;DMD;DMD;DMD;DMD;DMD;DM		0.39284	0.594216	0.76084	-1.31434	0.1471453	0.453488	-2.20513	0.687062	0.813947	-1.22858	0.647073	0.791104	-1.26406	0.0479574	0.316855	-3.15601		0.193748	2.0117	2.0117	0.892348	1.07125	1.07125	0.96425	0.977474	-1.02304	0.672566	0.805666	-1.24121	1.123668	5.01191	3.63772	1
cg26450259	C10orf28		0.392843	0.390258	0.386172	-2.58952	0.6037559	0.567856	-1.76101	0.268683	0.347322	0.745266	0.72353	-1.38201	0.230638	0.342425	-2.92035		0.245769	3.71359	3.71359	0.0970778	0.139717	-7.15734	0.711523	1.494	1.494	0.337803	2.90942	2.90942	1.22467	22.6559	16.4441	1
cg19320090	AHDC1		0.392847	0.155272	0.329596	-3.03401	0.6210313	1.143867	1.143867	0.252309	2.39338	2.39338	0.887891	1.10843	1.10843	0.0580476	0.209398	-4.7756		0.786924	0.82059	-1.21864	0.326619	0.477541	-2.09406	0.921353	1.07473	1.07473	0.57496	0.661341	-1.51208	1.24666	10.3306	7.49822	1
cg17444298	CCDC127		0.392849	0.99047	1.0009	1.0009	0.668209	0.919415	-1.08777	0.245199	0.602949	-1.65899	0.0929532	0.963935	1.03748	0.0929532	1.03748	1	0.885078	0.979398	-1.02104	0.902473	0.984302	-1.01641	0.447321	1.094508	1.117793	1.22465	0.40186	0.291683	1
cg17615629	HLA-E		0.392853	0.598022	1.29157	1.29157	0.735376	1.1773	1.1773	0.0508672	0.325596	-3.07129	0.462604	1.43564	1.43564	0.205234	1.92489	1.92489		0.464261	1.43363	1.43363	0.713359	0.83	-1.19431	0.56892	1.32011	1.32011	0.59137	1.29862	1.29862	1.28519	4.47607	2.32186	1
cg17301902	GNA14;GNA14		0.392863	0.137283	0.930996	-1.07417	0.2202104	0.518386	-1.92907	0.0729	0.460693	-2.17172	0.378583	1.19164	1.19164	0.0426827	0.371012	-2.69588	0.302652	0.304383	-3.28533		0.661741	0.958104	-1.04356	0.89374	-0.68804	0.184468	-5.42033	0.814848	0.816548	1.22462	0.26336	0.263356	1.20706	0.20	0.165913	1
cg04126816	CCDC106		0.392879	0.758157	0.807601	-1.23824	0.0752364	0.253965	-3.93755	0.958859	1.03634	1.03634	0.127641	1.12595	1.12595	0.608781	1.42928	1.42928		0.849883	1.877131	-1.14008	0.300822	0.476263	-2.09968	0.303579	2.09021	2.09021	0.990616	0.991896	-1.00817	1.24559	9.28475	6.73951	1
cg17159201	DUSP23		0.392882	?	?	?	0.799674	0.863204	-1.15848	0.102227	2.83436	2.83436	0.190673	2.22916	2.22916	0.252099	0.500525	-1.9979		?	?	?	0.462219	0.652488	-1.53259	0.772593	1.18249	1.18249	0.92947	1.05255	1.05255	1.21277	4.99951	4.71128	1
cg10062112	RCOR1		0.392884	0.612271	1.08527	-1.08527	0.127097	1.229482	1.229482	0.27382	1.2	1.2	0.709458	0.932647	1.07282	0.614636	0.419138	-2.38581		0.302841	0.842921	-1.18635	0.161455	0.787071	-1.27053	0.368859	1.15924	1.15924	0.353352	0.858222	-1.1652	1.224457	0.898471	1.77287	1
cg08812980	NCKAP5;NCKAP5		0.392887	0.91602	1.02768	1.02768	0.142981	0.665334	-1.50305	0.736804	0.91639	-1.09124	0.110143	1.56943	1.56943	0.345641	1.28584	1.28584		0.681945	1.11255	1.11255	0.128947	1.52913	1.52913	0.834379	0.947247	-1.05569	0.704086	0.905947	-1.10382	1.24557	1.29947	0.943257	1
cg16703124	ERI3		0.392888	0.916224	0.933817	-1.07087	0.0724484	0.58617	-1.70617	0.455168	0.65168	0.840883	1.19005	1.14023	1.14023	0.497542	0.450973	-2.2183		0.938545	1.05146	1.05146	0.862469	1.12056	1.12056	1.12704	0.842357	0.821344	0.96959	-1.03147	0.800199	1.17944	0.822345	0.596199	1
cg14701665	KIAA0196;NSMCE2		0.39289	0.262405	0.865222	-1.15577	0.0353173	0.35481	-1.35481	0.439146	0.906871	-1.10269	0.84524	1.02451	1.02451	0.529408	0.98213	-1.02813		0.841956	1.02504	1.02504	0.669872	0.948257	-1.05457	0.374978	1.11942	1.11942	0.709214	1.0475	1.0475	1.24656	0.297672	0.216076	1
cg00218404	KIAA0802		0.392899	0.406166	0.561055	-1.78236	0.662632	0.741883	-1.34792	0.20402	2.48844	2.48844	0.844521	1.14286	1.14286	0.123282	0.321298	-3.11237		0.549034	0.6621	-1.51035	0.586428	0.688266	-1.45293	0.12418	3.10257	3.10257	0.493875	0.623444	-1.604	1.24254	8.96995	6.51125	1
cg05170390	BCKDHB;BCKDHB		0.392902	0.333847	0.851849	-1.17405	0.2364366	1.139113	1.139113	0.263838	1.24282	1.23282	0.464817	1.13479	1.13479	0.114297	1.2149	1.2149		0.305444	0.81634	1.22492	0.144817	1.19167	1.19167	1.13229	1.11479	1.11479	1.12945	1.13006	0.915716	1.24143	1.10717	0.784312	1.24	0.364112	1
cg22758067	SGTA		0.392903	0.049845	0.254769	0.587054	0.328701	1.25217	1.25217	0.161442	1.8563	1.8563	0.0766438	2.27171	2.27171	0.248824	1.02663	1.02663		0.490485	1.33308	1.33308	0.304224	1.54968	1.54968	1.43863	1.43863	0.925336	1.03913	1.03913	1.25016	3.25002	2.02197	1
cg15871371	FOXF1;FOXF1		0.392923	0.137283	0.930996	-1.07417	0.2202104	0.518386	-1.92907	0.0729	0.460693	-2.17172	0.378583	1.19164	1.19164	0.0426827	0.371012	-2.69588	0.302652	0.304383	-3.28533		0.661741	0.958104	-1.04356	0.89374	-0.68804	0.184468	-5.42033	0.814848	0.816548	1.22462	0.26336	0.263356	1.20706	0.20	0.165913	1
cg05506908	AGPHD1;AGPHD1		0.392907	0.864762	1.04748	1.04748	0.554976	1.17645	1.17645	0.541235	1.18331	1.18331	0.335365	0.763103	-1.31044	0.563489	0.853049	-1.17227		0.126077	0.637345	-1.56901	0.099493	0.611785	-1.63456	0.304338	0.748636	-1.33576	0.360754	1.29136	1.29136	1.24252	1.43637	1.04267	1
cg07145598	IQCH		0.392911	0.732673	1.17643	1.17643	0.743638	0.859969	-1.16827	0.329519	0.620711	-1.61105	0.142751	0.474002	-2.1097	0.709585	0.837543	-1.19397		0.282051	0.93206	-1.07289	0.890279	0.411147	-2.43222	0.281593	1.69947	1.69947	0.159872	0.490812	-2.03744	1.24252	4.35552	3.16172	1
cg04864538	PTPN12;PTPN12		0.392913	0.509144	1.08527	-1.08527	0.127097	1.229482	1.229482	0.27382	1.2	1.2	0.709458	0.932647	1.07282	0.614636	0.419138	-2.38581		0.220118	1.69147	1.69147	0.591447	0.863904	1.15739	0.624541	1.24561	1.24561	0.0199	1.28637	1.28637	1.2707	1.0707	0.280491	0.632354	1.58137	1.26301	2.34972	1
cg13993509	WDR60		0.392912	0.667307	1.25135	1.25135	0.170003	2.1336	2.1336	0.337353	1.67006	1.67006	0.289345	1.76872	1.76872	0.938028	1.04114	1.04114		0.133364	0.431918	-2.31525	0.552561	1.36552	1.36552	0.901865	1.06605	1.06605	0.185122	0.482553	-2.07231	1.224551	5.21382	3.78478	1
cg22039644	C20orf166;C20orf200		0.392917	0.069957	0.749911	-1.33391	0.0174842	0.643839	-1.55303	0.213789	0.633849	-1.62907	0.274439	0.633849	-1.62907	0.274439	0.633849	-1.62907		0.662819	0.828315	-1.20727	0.907354	0.951454	-1.05105	0.884556	1.10055	1.10055	0.430459	1.14145	1.14145	1.23451	0.55648	0.258371	1
cg05642308	FAM46B		0.392915	0.04187	0.737055	-1.35675	0.598445	0.933197	-1.07158	0.362037	1.12963	1.12963	0.171452	0.827444	-1.20854	0.886238	0.981549	-1.0188		0.57984	0.70546	-1.07546	0.956191	1.00717	1.00717	0.846173	0.975048	-1.02559	0.30321	0.870454	1.14883	1.2245	0.328239	0.238274	1
cg24163360	SLC17A2		0.392934	0.788278	0.893085	-1.11971	0.854456	0.925761	-1.08019	0.289857	0.63034	-1.58545	0.261197	1.63599	1.63599	0.0815191	2.25035	2.25035		0.690132	1.18335	1.18335	0.148163	1.91872	1.91872	0.419834	0.707336	-1.41376	0.894671	0.945874	-1.05722	1.22446	3.42238	2.48446	1
cg15062795	ETV6		0.392935	0.467822	1.08527	-1.08527	0.127097	1.229482	1.229482	0.27382	1.2	1.2	0.709458	0.932647	1.07282	0.614636	0.419138	-2.38581		0.672827	1.12426	1.12426	0.336534	0.74678	-1.33908	0.65712	1.13744	1.13744	0.398241	0.779331	1.28315	1.24444	1.51611	1.16978	1
cg25307724	MCF2L;MCF2L		0.392941	0.827014	0.896052	-1.11601	0.0882705	0.56829	-1.75829	0.209745	0.60716	0.563069	0.245916	1.58241	1.58241	0.0976433	2.15419	2.15419		0.739981	1.18179	1.18179	0.25769	1.80823	1.80823	0.658722	1.24971	1.24971	0.730023	1.18973	1.18973	1.24244	4.87715	3.54058	1
cg15798279	KDELR2;KDELR2;KDELR2;KDELR2		0.392943	0.390304	0.889564	-1.12455	0.2481282	1.18581	1.18581	0.251807	1.58241	1.58241	0.317662	1.0736	1.0736	0.434349	0.9316	-1.0736		0.242475	0.914563	-1.17446	0.182777	0.889357	-1.12441	0.602773	1.07303	1.07303	0.221576	1.18447	1.18447	1.24252	0.342554	0.266483	1
cg19747902	4		0.392949	0.725038	0.833028	-1.20044	0.0829269	2.70001	2.70001	0.241164	1.88652	1.88652	0.680019	1.2393	1.2393	0.461765	0.678704	-1.4734		0.6176	1.29743	1.29743	0.355232	0.611416	-1.63555	0.532475	0.721023	-1.38692	0.214231	0.508411	-1.96691	1.224493	5.18971	3.76754	1
cg16908556	BBS9;BBS9;BBS9;BBS9		0.392958	0.130139	0.627488	-1.59366	0.497374	0.621681	-1.21702	0.275224	0.723547	-1.38208	0.662887	1.13319	1.13319	0.212128	0.687632	-1.45427		0.484528	0.816687	-1.22446	0.598022	1.16378	1.16378	0.388371	0.730375	-1.36916	0.066413	0.556421	-1.7972	1.22441	1.57579	1.14399	1
cg05680890	KCNV1;KCNV1		0.392961	0.360916	0.894542	-1.11789	0.166824	1.19112	1.19112	0.0922991	1.24589	1.24589	0.738146	1.04061	1.04061	0.27433	1.1445	1.1445		0.895395	1.01573	1.01573	0.899671	0.984997	-1.01523	0.626244	1.05997	1.05997	0.0996388	1.23879	1.23879	1.2244	0.273026	0.198212	1
cg20406638	NR0B2;NR0B2		0.392964	0.333847	0.851849	-1.17405	0.2364366	1.139113	1.139113	0.263838	1.24282	1.23282	0.464817	1.13479	1.13479	0.114297	1.2149	1.2149		0.305444	0.81634	1.22492	0.144817	1.19167	1.19167	1.13229	1.11479	1.11479	1.12945	1.13006	0.915716	1.24143	1.10717	0.784312	1.24	0.364112	1
cg00588858	MGRN1;MGRN1;MGRN1;MGRN1		0.392966	0.483393	0.737786	-1.36279	0.472416	0.37385	-1.37385	0.776062	0.884935	-1.13194	0.308416	0.632461	-1.58113	0.811357	1.1095	1.1095		?	?	?	0.706147	0.510746	0.748338	-1.3363	0.0285354	0.325314	-3.07396	0.852683	0.922392	-1.08414	1.219131	3.24178	2.6587	1
cg22508915	NAT15;NAT15;NAT15		0.392966	0.61931	1.08025	1.08025	0.648476	0.525262	-1.08059	0.654205	1.15421	1.15421	0.042377	1.48404	1.48404	0.310435	1.1939	1.1939		0.589414	1.09637	1.09637	0.924595	0.8981	-1.11346	0.311516	0.837943	-1.1934	0.647868	0.93104	-1.07407	1.22439	0.552954	0.401437	1
cg26546864	C15orf26		0.392983	0.112736	0.379254	-2.66061	0.231354	0.490871	-2.03872	0.745869	2.1024	2.1024	0.948897	0.578981	-1.72717	0.394257	0.574507	-1.74062		0.354371	0.582714	-1.71611	0.024149	0.555558	-1.73554	0.089357	0.54586	-1.83134	0.915089	0.941139	-1.06232	1.22435	0.22665	0.45278	1
cg17663158	SHQ1		0.392983	0.452288	0.780022	-1.28202	0.684757	1.14159	1.14159	0.820167	0.928786	-1.07667	0.747514	0.900513	-1.11048	0.0312391	0.440417	-2.27057		0.799733	1.08597	1.08597	0.385314	1.33478	1.33478	0.331786	0.726229	-1.38384	0.284202	0.697017	-1.43469	1.22435	2.04112	1.48187	1
cg20328010	PIYR2		0.392984	0.198079	0.606514	-1.64924	0.3822749	1.28763	1.28763	0.345923	1.97213	1.97213	0.493556	0.748744	1.33592	0.228444	0.507227	-1.97056		0.348717	0.609323	-1.64098	0.317266	0.888455	1.12545	0.188245	0.994975	0.50831	-1.96777	0.885481	0.50831	-1.96777	0.25185	0.05469	1
cg06070493	MGMT		0.392992	0.299926	1.91635	1.91635	0.9031	0.928909	-1.07653	0.650752	0.758853	-1.31778	0.160872	2.47643	2.47643	0.232761	2.13319	2.13319		0.43713	1.61599	1.61599	0.197688	0.438485	-2.28058	0.177014	2.38411	2.38411	0.319722	1.86372	1.86372	1.24233	7.10863	5.16101	1
cg08134175	FLYWCH1;FLYWCH1		0.392992	0.960806	1.01442	1.01442	0.0998054	0.524716	1.90579	0.758123	0.885453	-1.11678	0.827912	1.08095	1.08095	0.691782	0.601737	-1.66183		0.826018	0.547828	-1.82539	0.113281	1.78583	1.78583	0.709709	0.731188	-1.36764	0.954477	1.02062	1.02062	1.23433	2.47918	1.79994	1
cg25640892	MRAP2		0.393	0.524706	2.92602	1.29602	0.556144	1.27056	1.27056	0.199034	1.72613	1.72613	0.308027	0.654147	-1.52871	0.387877	0.700476	1.4276		0.830276	0.90018	1.09018	0.565655	0.419695	-2.38269	0.894084	0.919082	-1.08804	0.718883	1.1565	1.1565	1.24231	1.13742	2.27787	1
cg02006257	RGS17		0.393007	0.119634	0.669321	-1.49405	0.138714	0.684586	-1.46074	0.657666	0.899393	-1.11186	0.304446	0.776576	-1.2877	0.951254	0.98557	-1.01464		0.88081	0.964955	-1.03632	0.0380004	0.564434	-1.77169	0.424426	0.826306	-1.21404	0.8676	0.961107	-1.04047	1.24229	1.0961	0.795811	1
cg20134079	TNFSF10		0.393018	0.910432	1.02062	1.02062	0.144245	0.725265	-1.37849	0.734298	0.95617	-1.04579	0.266417	1.24193	1.24193	0.209313	0.670951	-1.49055		0.55984	1.29295	1.29295	0.226125	0.807055	-1.23907	0.425782	1.42533	1.42533	0.142198	1.98881	1.98881	1.24227	3.68175	2.67316	1
cg06844932	USP8;USP8;USP8;USP8;USP8;USP8		0.393028	0.121354	1.6572	1.6572	0.503419	0.72563	1.22657	1.22657	0.152753	1.58499	1.58499	0.572104	1.18732	1.18732	1.130146	1.6653	1.6653		0.566257	1.1905	1.1905	0.992219	1.00294	0.0656773	1.86121	1.86121	0.862696	0.949272	-1.05344	1.24225	1.7538	1.17338	1
cg05360949	BCKDHA;BCKDHA;EXOSC5		0.393032	0.552654	1.74909	1.27609	0.673469	1.25427	1.25427	0.0616923	2.80119	2.80119	0.650715	0.881111	1.13511	0.203121	0.958388	-1.08979	0.477907	1.47513	2.08137	1.0183	1.0183	1.0183

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. 117 vs. N)	Fold-Change(1127 vs. N)	p-value(1128 vs. 127 vs. N)	Fold-Change(1128 vs. 127 vs. N)	p-value(1241 vs. 127 vs. N)	Fold-Change(1241 vs. 127 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. 47 vs. N)	Fold-Change(1437 vs. 47 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. 537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	p-value(1621 vs. 37 vs. N)	Fold-Change(1621 vs. 37 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21005438	TMEM51;TMEM51;TMEM51;TMEM51	0.393423	0.923868	0.968698	-1.03231	0.565496	0.21324	1.21324	0.574863	0.828155	-1.2075	0.18607	0.627226	-1.59432	0.082194	0.534774	-1.86995															
cg05385565	RAB11FIP3	0.39344	0.793037	1.11302	1.11302	0.844678	0.911005	-1.09763	0.858546	0.918762	-1.08842	0.200778	1.89982	1.89982	0.326519	0.618107	-1.61784															
cg23985702	CPXM2	0.393446	0.288265	0.690319	-1.44861	0.214928	1.55092	1.55092	0.14776	1.68546	1.68546	0.55799	1.22037	1.22037	0.42	0.758086	-1.31914															
cg17051905	CLN8	0.393446	0.599009	0.863432	-1.15817	0.788343	0.928239	-1.07731	0.142202	1.5475	1.5475	0.644252	0.879255	-1.13733	0.259093	0.721925	-1.38519															
cg08715595	RNF220	0.393464	0.246699	0.312787	-3.19707	0.0588238	0.129044	-7.74929	0.134519	0.212636	4.70287	0.804563	0.788301	-1.26855	0.0993847	0.170751	-5.65768															
cg15208689	DKFZP434K028;C11orf9;C11orf9	0.393465	0.289278	1.70066	1.70066	0.394041	1.52417	1.52417	0.559499	1.32962	1.32962	0.16703	2.03634	2.03634	0.922256	1.04825	1.04825															
cg24842967	LMNA;LMNA;LMNA	0.393469	0.176099	1.63853	1.63853	0.300948	0.61564	-1.62434	0.493377	1.33528	1.33528	0.761918	0.900941	-1.10995	0.630266	1.18117	1.18117															
cg24319982	THBS2	0.393478	0.250322	0.408148	-2.45009	0.213075	0.955795	-2.65989	0.0832343	0.239175	-4.18104	0.863896	1.33654	1.33654	0.113846	0.237134	-3.60836															
cg09919743	KLF13	0.393484	0.645749	0.878849	-1.13785	0.0330876	2.00414	2.00414	0.992232	0.997287	-1.00272	0.244691	1.40432	1.40432	0.622391	0.870666	-1.14855															
cg25119955	SERPINF1	0.393491	0.564839	1.26247	1.26247	0.634707	1.06631	1.06631	0.164489	0.793169	-1.27686	0.222951	1.26601	1.26601	0.704205	1.15251	1.15251															
cg17514485	TOM1L2;TOM1L2	0.393502	0.408089	0.57302	-1.74514	0.270781	0.178733	-5.59494	0.470599	0.616926	-1.62094	0.891747	1.09374	1.09374	0.212103	0.438368	-2.28119															
cg21195762	PPP3R1E	0.393505	0.45054	0.865394	-1.15423	0.304804	1.21225	1.21225	0.0851414	1.41866	1.41866	0.254526	0.800965	-1.24849	0.224656	1.26947	1.26947															
cg19095827	BBK;BBK	0.393505	0.341337	1.2057	1.2057	0.545797	1.12371	1.12371	0.330794	1.211	1.211	0.987319	0.996973	-1.00304	0.0793022	1.4499	1.4499															
cg19559248	RPJP2	0.39351	0.189564	0.386798	-2.58533	0.256111	0.444724	-2.24859	0.636442	0.722192	-1.38467	0.670695	1.33958	1.33958	0.740425	1.25515	1.25515															
cg03138291	SLC25A42	0.393514	0.25498	1.40091	1.40091	0.796565	1.00941	1.00941	0.655261	1.05316	1.05316	0.907494	0.967565	-1.03352	0.929973	1.02598	1.02598															
cg05947740	PHYHIP;PHYHIP;PHYHIP;PHYHIP	0.393515	0.94938	1.02669	1.02669	0.26932	1.61194	1.61194	0.0640363	2.37218	2.37218	0.826538	1.09537	1.09537	0.535869	0.770908	-1.29717															
cg25132944	CDK7	0.393518	0.122353	1.45182	1.45182	0.820671	0.950755	-1.05184	0.551253	0.874418	-1.14362	0.428571	1.1971	1.1971	0.321752	1.25591	1.25591															
cg00977842	MAT1A	0.393526	0.815935	1.42004	-1.1439	0.151994	0.412778	-2.42261	0.142546	0.483002	-2.48137	0.523553	1.45196	1.45196	0.762739	0.8398119	-1.19073															
cg19493204	WDR19	0.393531	0.846572	0.936852	-1.0674	0.249443	1.50018	1.50018	0.0968479	1.848	1.848	0.417603	0.756454	-1.32196	0.259198	0.672587	-1.4868															
cg12943163	MND1	0.393546	0.193902	1.34296	1.34296	0.424858	0.533894	1.87273	0.732994	1.3014	1.3014	0.172322	0.494284	-2.02319	0.0749361	0.75168	-1.33009															
cg25836569	FBXL18	0.393552	0.160683	0.415571	-2.40633	0.647707	1.296	1.296	0.856211	0.897766	-1.11388	0.39066	0.592751	-1.68705	0.280654	0.517499	-1.93237															
cg13775629	PRF1;PRF1	0.393554	0.0707051	0.33122	-3.0198	0.329236	0.679279	0.792809	-1.26094	0.512603	0.684439	-1.4602	0.347285	0.575975	-1.73619	0.0308374	0.235636	-4.24383														
cg26712159	CELSR3	0.393554	0.48128	0.87731	-1.13985	0.516938	0.886786	-1.12767	0.59911	0.907559	-1.10186	0.762317	0.946044	-1.05703	0.614367	0.911285	-1.09735															
cg13618372	SPTBN1	0.393569	0.363482	1.64544	1.64544	0.632466	1.29297	1.29297	0.44224	0.658489	-1.51863	0.181982	2.46533	2.46533	0.402403	1.57767	1.57767															
cg04530874	FRS3;FES;FES	0.393569	0.76834	1.2091	1.2091	0.68814	2.75475	2.75475	0.289786	2.52764	2.52764	0.954579	0.953066	-1.04896	0.907191	1.64723	1.64723															
cg00172376	TIAM1	0.393573	0.691969	0.921705	-1.08495	0.384188	0.833032	-1.20043	0.739954	1.07058	1.07058	0.955079	0.988533	-1.0116	0.315838	0.808694	-1.23656															
cg25882830	STOX2	0.393585	0.402465	0.80021	-1.25003	0.834541	1.36341	1.36341	0.643283	1.24784	1.24784	0.207442	1.20742	1.20742	0.808888	1.28734	1.28734	0.715847	0.913647	-1.09451												
cg03821727	RADS2	0.39593	0.966898	0.963139	-1.03827	0.149559	1.44085	1.44085	0.320234	2.53336	2.53336	0.812938	0.806908	-1.2393	0.0603874	0.147707	-6.77016															
cg24350011	AIAP1;AIAP1	0.393594	0.467992	3.23195	3.23195	0.0511422	34.0662	34.0662	0.0637563	27.4037	27.4037	0.666315	1.99207	1.99207	0.403034	3.89398	3.89398															
cg24749656	KDM3A;KDM3A;KDM3A	0.393598	0.0540404	2.01063	2.01063	0.653254	1.92556	1.92556	0.0115376	1.34049	1.34049	0.119467	1.40298	1.40298	0.0743994	0.75168	-1.33009															
cg06135806	ZFP30;SLC25A11;SLC25A11;SLC25A11;SLC25A11	0.393599	0.560824	1.08978	1.08978	0.733155	1.0513	1.0513	0.567657	0.919010	-1.08812	0.387961	1.13809	1.13809	0.256053	1.18925	1.18925															
cg15254632	11;SLC25A11;SLC25A11;RNF167	0.393601	0.329836	0.881584	-1.13432	0.606018	1.06738	1.06738	0.79728	0.968253	-1.03279	0.462583	1.09825	1.09825	0.343822	1.13	1.13															
cg17500915	ADC;ADC	0.393607	0.0329035	5.25082	5.25082	0.934455	1.05707	1.05707	0.620957	1.39277	1.39277	0.559051	1.48095	1.48095	0.345323	1.91277	1.91277															
cg20198199	AHDC1	0.393608	0.677771	1.18251	1.18251	0.417805	1.74885	1.74885	0.0644838	1.65752	1.65752	0.615709	1.51966	1.51966	0.0962763	1.70511	1.70511															
cg00601350	ZNF879	0.393609	0.428004	1.18066	1.18061	0.477119	0.862159	-1.15988	0.457984	1.16773	1.16773	0.480466	1.15853	1.15853	0.211037	0.763094	-1.31045															
cg21877201	MKNK1;MKNK1;MKNK1;MKNK1	0.393661	0.977847	0.965162	-1.0361	0.964546	0.944817	-1.05841	0.962656	0.94196	-1.06162	0.716156	0.627304	-1.59412	0.822625	0.750717	-1.33206															
cg25519609	HGD;DB;BRS4	0.393661	0.922324	0.985816	-1.01439	0.355	1.14955	1.14955	0.40999	1.13136	1.13136	0.110003	0.774786	-1.29068	0.759203	1.04606	1.04606															
cg09538446	CHID1;CHID1;CHID1;CHID1;CHID1	0.393667	0.382453	1.46993	1.46993	0.0298406	1.62642	1.62642	0.0116775	1.42004	1.42004	0.0243859	1.24872	1.24872	0.0243859	1.12947	1.12947	0.435174	0.885702	-1.12894												
cg24195796	APBA2;APBA2	0.393622	0.566647	0.748779	-1.33551	0.426475	0.665576	-1.5002	0.0426511	3.20828	3.20828	0.58261	1.3335	1.3335	0.579839	0.756293	-1.32224															
cg06795297	RAB3A;RPJ;AURKAPS1	0.393623	0.41085	1.39762	1.39762	0.466054	1.24644	1.24644	0.43068	1.33069	1.33069	0.0962664	0.802933	-1.24594	0.822822	0.826225	-1.20974															
cg02711976	NCDN;NCDN;KIAA0319L;NCDN;NCDN	0.393639	0.49726	0.845503	-1.18273	0.196958	0.717361	-1.394	0.58665	1.14303	1.14303	0.214267	0.727312	-1.37493	0.1456	0.683521	-1.46301															
cg18154422	ZEB1;ZEB1;LOC220930;ZEB1;ZEB1	0.393649	0.980728	1.02064	1.00264	0.998318	1.21879	1.21879	0.987193	1.21888	1.21888	0.993147	0.999061	-1.00094	0.545629	0.93532	-1.06915															
cg04730314	HIST1H2BK;HIST1H2AH	0.393664	0.519963	0.434957	-2.29908	0.650206	1.77573	1.77573	0.163565	0.48919	0.48919	0.633814	0.546828	-1.82873	0.410164	2.88459	2.88459															
ch.10.18139F	FBXO18;FBXO18	0.393664	0.579877	1.27766	1.27766	0.507777	0.381634	0.0457255	0.558807	-1.78934	0.559467	1.78934	0.599467	1.66798	0.0424424	1.82734	1.82734															
cg03273320	NEURL4;NEURL4	0.393673	0.632263	0.817554	-1.22316	0.889762	1.05965	1.05965	0.615488	0.809303	-1.23563	0.26653	0.616514	-1.62202	0.0231192	0.3215	3.11042															
cg11054631	LOC283992;TRHDE;LOC283992	0.393674	0.182032	0.708488	-1.41146	0.19024	1.40145	1.40145	0.639633	1.12157	1.12157	0.596124	0.877979	-1.13898	0.208419	0.724225	-1.38079															
cg25621096	LCOC4;CSE1;CDC42SE1;CDC42SE1;MLLT3	0.393675	0.131369	1.28867	1.28867	0.297152	1.18328	1.18328	0.0741075	1.36328	1.36328	0.752265	1.05054	1.05054	0.948158	0.989927	-1.01018															
cg26394297	TTC39C	0.393683	0.163743	1.77617	1.77617	0.426459	0.809028	1.21773	0.633069	1.22697	1.22697	0.2697	0.402023	2.48444	0.0552588	0.310753	3.21888	0.0731484	0.547037	1.82783	0.0153236	-6.67787	0.279325	0.26464	-3.77849	0.262626	0.59166	0.0	0.0		
cg26756782	SPIRE2	0.393693	0.695237	0.849103	-1.17771	0.882655	0.940481	-1.06329	0.843653	0.921237	-1.0855	0.192497	0.563786	-1.77372	0.502962	0.75395	-1.32635															
cg00985117	PSMG4;PSMG4	0.393693	0.153311	0.723502	-1.37874	0.513077	0.868079	-1.15117	0.439964	0.846754	-1.18098	0.32541	0.805071	-1.2392	0.101148	0.684466	-1.46104															
ch.5.2320326F	PRRC1	0.393694	0.396827	0.532708	-1.8772	0.501644	1.6405	1.6405	0.120031	0.259394	-3.40143	0.280871	0.443272	-2.25595	0.905118	1.09041	1.09041															
cg12322877	ASPSCR1	0.393697	0.659066	0.83789	-1.19347	0.0270039	2.83797	2.83797	0.155128	1.83316	1.83316	0.895628	0.94906	-1.05367	0.784373	0.8965	-1.11545															
cg20354388	IRF2	0.393704	0.716747	1.12102	1.12102	0.784767	0.884122	1.08471	0.0429049	1.07509	1.07509	0.645683	1.08425	-2.24375	0.240844	1.17113	1.17113															
cg05553082	ATP9B	0.393704	0.409698	0.810015	-1.23455	0.156205	0.684492	-1.46094	0.611001	1.13677	1.13677	0.0677864	1.66742	1.66742	0.527834	1.17333	1.17333															
cg14670266	INPP4A;INPP4A;INPP4A;INPP4A	0.393715	0.408053	0.740852	-1.35009	0.18035	0.591853	1.81477	0.0178375	1.39187	1.39187	0.24036	0.591853	-1.68981	0.0720247	0.481055	2.07907															
cg02839725	MYO1D	0.393721	0.706138	0.565521	-1.76828	0.288018	1.25894	1.25894	0.4638	3.0713	3.0713	0.863634	0.772066	-1.29523	0.545591	0.39834	2.51042															
cg19936321	CHERP;CHERP	0.393722	0.619192	1.07202	1.07202	0.705598	1.05409	1.05409	0.224413	1.1938	1.1938	0.212021	1.19706	1.19706	0.252806	1.18034	1.18034															
cg16394833	C7orf52	0.393724	0.308786	1.04859	1.04859	0.693531	1.08687	1.08687	0.0601237	1.00198	1.00198	0.0104758	1.05222	1.05222	0.0524966	1.16511	1.16511															
cg05461361	1/ATP2/NB ZNF596;ZNF596;ZNF596;RPL23AP53;ZN	0.393728	0.0980856	0.0476713	-20.977	0.965149	1.07604	1.07604	0.92923	1.16066	1.16066	0.179028	10.9598	10.9598	0.199701	9.7028	9.7028	0.181511	0.0926463	-10.7937	0.840025	0.712827	-1.40286	0.813411	1.48672	1.48672	0.859667	0.743181	-1.34557	1.22666	54.4747	39.6037	1
cg22889570	F596	0.39373	0.232812	0.335497	-2.98065	0.39907	2.11887	2.11887	0.319907	2.44776	2.44776	0.819121	1.21963	1.21963	0.147415	0.256178	-3.90354															
cg24297406	LDB2;LDB2	0.393736	0.776962	1.07434	1.07434	0.550157	1.46406	1.46406	0.191578	2.19019	2.19019	0.820157	1.13783	1.13783	0.604994	0.844937	-1.18354															
cg23604584	KPNA3	0.393738	0.187085	0.684618	-1.46067	0.514321	1.19624	1.19624	0.337822	1.307	1.307	0.48068	0.823462	-1.21438	0.962513	0.988252	-1.01189															
cg00339441	RBM20	0.393741	0.328262	0.718512	-1.39175	0.778655	1.07736	1.07736	0.426693	1.58267	1.58267	0.0496296	1.43617	0.0494083	0.0494083	0.288917	3.63384	0.0494083	0.479704	2.08497	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083
cg00669091	MAGI3;MAGI3 CADPS2;CADPS2;CADPS2;CADPS2;CAD	0.393754	0.402551	0.782336	-1.27822	0.822567	1.06647	1.06647	0.732593	0.9064	-1.10327	0.438010	0.797178	-1.25442	0.551051	0.841276	-1.18867															
cg06779604	PS2;CADPS2	0.393757	0.0949565	0.662699	-1.50898	0.223256	0.750564	-1.33233	0.50824	0.860287	-1.1624	0.901243	1.02823	1.02823	0.278188	0.776597	-1.28767															
cg22280333	SCGB1C1;LOC653486	0.393764	0.175448	0.531846	-1.88204	0.975146	0.98644	-1.01375	0.665803	0.826603	-1.20977	0.368661	1.49875	1.49875	0.16089	0.518767	-1.92765															
cg25256999	GAUG	0.393766	0.0905766	0.5005	-1.99802	0.222882	0.709634	-1.40918	0.327308	0.460603	-2.17116	0.0931768	0.346033	-2.88975	0.0314467	0.260928	-3.83156	0.0314467	0.260928	-3.83156	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467	0.0314467
cg16087684	LOC121952	0.393775	0.275073	0.578209	-1.72948	0.448001	0.688626	-1.45217	0.0745358	0.383488	-2.60764	0.723021	1.1873	1.1873	0.149383	0.474952	-2.10548															
cg24239913	GRAMD1C	0.393778	0.903062	0.954557	-1.04778	0.997444	0.993152	-1.00685	0.976691	0.465253	-2.16279	0.826231	0.943452	-1.05994	0.253035	0.729017	-1.37171															
cg03946688	KCTD16	0.393779	0.162624	0.45699	-2.18699	0.632746	0.732922	-1.36445	0.84283	0.977948	-1.13669	0.8708859	0.271837	0.67814	-1.47469	0.249818	-4.00511															
cg06574731	RPIM	0.393792	0.716399	0.911195	-1.09746	0.143425	0.496453	0.764053	0.92765	-1.07793	0.356723	2.80132	0.127362	1.27332	0.127362	0.904311	-1.10581															
cg19425370	STIM1	0.393795	0.420134	0.774142	-1.29175	0.755555	0.977376	0.724693	0.382722	0.626295	-1.43617	0.0494083	0.479704	-2.08497	0.0494083	0.288917	3.63384	0.0494083	0.479704	2.08497	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083	0.0494083
cg11878365	XKR5	0.393797	0.731599	1.13595	1.13595	0.315287	0.68084	-1.46877	0.487208	0.770021	-1.29867	0.878009	0.85852	0.85852	0.712969	1.14659	1.14659															
cg17739881	SLC22A18AS;SLC22A18;SLC22A18	0.393797	0.744059	1.14281	1.14281	0.155266	1.31234	1.31234	0.188753	1.55673	1.55673	0.194756	1.55476	1.55476	0.112826	1.18362	1.18362															
cg20012172	DDX17;DDX17	0.393798	0.137438	0.730778	-1.37172	0.39649	1.39649	1.39649	0.273877	1.43472	1.43472	0.589475	1.24732	1.24732	0.589475	1.16511	1.16511															
cg03795574	IGF1R	0.393806	0.260005	0.68577	-1.45821	0.0688122	0.520054	-1.92288	0.976023	1.0097	1.0097	0.575711	0.833993	-1.19905	0.290748	1.42180	1.42180															
cg18598457	HSH2D	0.393809	0.710124	0.874006	-1.14391	0.155266	1.31234	1.31234	0.188753	1.55673	1.55673	0.194756	1.55476	1.55476	0.112826	1.18362	1.18362															
cg04766377	CSNK1E;CSNK1E	0.393811	0.845405	1.52582	-1.05755	0.0895682	0.584797	-1.71	0.180389	0.665159	-1.5034	0.307956	0.738981	-1.35321	0.962537	0.987586	-1.01257															
cg06544641	ELF3	0.393815	0.371591	1.12107	1.12107	0.626457	0.918937	-1.0882	0.0862	0.970816	-1.03006	0.141491	1.21768	1.21768	0.594042	0.915128	-1.09281															
cg26941016	TBC1D28;TBC1D28	0.393815	0.530436	0.601635	-1.44598	0.600087	0.623481	-1.21436	0.388825	0.88198	-1.18198	0.109002	0.641463	-1.55924	0.144116	1.80966	2.001256	0.609269	0.164335	-6.08359												
cg24128292	RBPMS;RBPMS;RBPMS	0.393819	0.134736	0.236839	-4.22228	0.791506	0.126701	0.263761	0.918796	0.933707	-1.071	0.484873	0.530462	-1.88515	0.0781514	0.174005	-5.744															
cg05159158	PSMC4;PSMC4	0.393827	0.0888819	0.5	-1.99909	0.0676417	0.173384	0.3844	0.54722	0.76168	-1.31284	0.0431258	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg07780818	SLCO2A1	0.393833	0.243286	0.751876	-1.33001	0.130456	0.682839	-1.46447	0.139772	0.688951	-1.44938	0.191743	1.38099	1.38099	0.999461	1.00016	1.00016															
cg18382490	GIT2;GIT2;GIT2;GIT2;GIT2	0.393839	0.190351	0.24101	-4.14501	0.0107546	0.185164	0.4545	0.0156354	0.188351	5.30641	0.0156354	0.188351	5.30641	0.0156354	0.188351	5.30641	0.0156354	0.188351	5.30641	0.0156354	0.188351	5.30641	0.0156354	0.188351	5.30641	0.0156354	0.188351	5.30641	0.0156354	0.188351	5.30641	0.0156354
cg16487861	TPS3B*1;TPS3BP1;TPS3BP1	0.39384	0.0587929	0.358338	-2.79066	0.166923	0.492381	-2.03095	0.102013	0.444561	-2.24941	0.456699	0.650617	-1.43974	0.615322	1.27585	1.27585															
cg26481355	PLEKHO2	0.393851	0.14139	2.64883	2.64883	?	?	?	0.862884	0.901483	-1.10928	0.836964	1.13161	1.13161	0.0665784	3.62321	3.62321															
cg25359225	RNF186	0.393861	0.174867	0.38552	-2.59403	0.380552	0.429984	-1.55043	0.338545	0.413883	-2.41683	0.0923	0.288564	-3.46407	0.0923	0.288564	-3.46407	0.0923	0.288564	-3.46407	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923
cg03744966	KLF13	0.393882	0.171976	0.760715	-1.31455	0.621778	0.109805	0.109805	0.130154	1.36003	1.36003	0.609747	0.907704	-1.10168	0.242801	1.26924	1.26924															
cg19857161	HMGB4;CSMD2;HMGB4	0.393883	0.212626	1.44242	1.44242	0.4	1.21224	1.21224	0.0853455	1.3313	1.3313	0.0889592	1.09009	1.09009	0.729426	0.907438	-1.102															
cg14329697	ZNF813	0.393884	0.717179	0.919905	-1.08707	0.143281	1.43473	1.43473	0.0674613	1.60033	1.60033	0.309014	0.785355	-1.27331	0.450881	0.838366	-1.1928															
cg00888479	SLC24A3	0.393888	0.691817	0.946001	-1.05708	0.840168	0.766153	-1.30522	0.345185	1.14507	1.14507	0.357487	0.876473	-1.14094	0.877897	0.978807	-1.02165															
cg21821338	ASAP2;ASAP2	0.393889	0.0881903	0.554758	-1.80285	0.0756255	0.2485	-4.02532	0.0425845	0.232332	4.29485	0.0425845	0.22312	0.896989	0.0425845	0.232332	4.29485															
cg04389398	ORC5L	0.393891	0.766745	1.26047	1.26047	0.0638186	0.0595	0.0595	0.101097	0.04374	0.04374	0.769186	1.25731	1.25731	0.499138	0.586459	-1.70515															
cg03505772	PABPC1L2A;PABPC1L2A	0.393899	0.0976383	0.5	-1.99909	0.0582022	0.72999	?	-1.36988	0.992963	1.08475	-1.01567	0.188744	0.61128	0.0923	0.288564	-3.46407	0.0923	0.288564	-3.46407	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923
cg26658874	EHMT2;EHMT2	0.393903	0.270676	0.98263	1.98263	?	?	?	0.125853	2.68706	2.68706	0.279076	0.525863	2.68706	0.279076	1.23417	1.23417															
cg06830006

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error	
cg03539597	ITIH1	0.394064	0.58279	0.888128	0.11343	0.86433	0.991376	-1.0087	0.580144	1.11428	0.0605487	0.670134	-1.49224	0.818166	1.0404	1.0404	0.521886	1.13396	0.1738	0.667073	-1.51498	0.938469	0.985159	-1.01506	1.2219	0.725872	0.528045	1	
cg12492359	BMPR2	0.394072	0.896428	1.02317	1.02317	0.846043	1.03478	1.03478	0.810371	0.958601	-1.04319	0.973216	1.00592	1.00592	0.651057	1.09607	1.09607	0.255047	0.811387	-1.23246	0.0993237	0.72827	-1.37312	0.0832138	1.40119	1.40119	0.455512	1.14304	1.14304	0.788595	0.435521	1	
cg09095232	CSNK1D;CSNK1D	0.394075	0.491971	1.47346	1.47346	0.135083	2.44645	2.44645	0.0282264	4.21596	4.21596	0.615343	1.32491	1.32491	0.699457	0.806187	-1.24041	0.702395	1.23764	1.23764	0.582408	1.36127	1.36127	0.208067	2.08096	2.08096	0.675254	1.26365	1.26365	1.22188	5.9687	4.34211	1	
cg12838843	RASA2	0.394078	0.765973	1.13921	1.13921	0.663976	1.21028	1.21028	0.353163	1.51761	1.51761	0.877091	1.06991	1.06991	0.566756	0.776646	-1.28765	0.865054	1.07709	1.07709	0.311034	0.63277	-1.58035	0.0389855	0.932263	-2.83879	0.244352	0.587555	-1.70197	0.21887	1.68932	2.68392	1	
cg06372621	IQGAP1	0.394082	0.900827	0.963576	-1.0378	0.377092	1.30963	1.30963	0.635712	1.1526	1.1526	0.891074	1.04162	1.04162	0.353335	1.32873	1.32873	0.876238	1.04748	1.04748	0.451352	1.25657	1.25657	0.614753	2.44269	2.44269	0.711037	1.17711	1.17711	1.22186	1.71408	1.24697	1	
cg17319198	LDLRAD3	0.394082	0.394773	0.932313	-1.6883	0.115619	2.79471	2.79471	0.329055	1.83175	1.83175	0.435529	1.62189	1.62189	0.152048	0.397723	-2.51431	0.982947	0.98724	-1.01293	0.313764	0.53472	-1.87014	0.764123	1.19821	1.19821	0.513394	0.671453	-1.48991	0.81286	0.988581	5.08282	1	
cg11793005	CRIM1	0.39409	0.596513	0.867643	-1.15255	0.0329014	0.515286	-1.94067	0.294864	0.749255	-1.33466	0.183692	0.687431	-1.45469	0.930802	1.02335	1.02335	0.868038	1.04518	1.04518	0.575453	1.16224	1.16224	0.298092	0.750803	-1.33191	0.94058	0.980386	-1.02001	1.22184	1.36637	0.99403	1	
cg27030380	KCNU1	0.394105	0.500618	0.869334	-1.15015	0.444383	0.558588	-1.69869	0.1499922	0.30128	-3.31982	0.0255336	0.485618	1.77848	1.77848	0.336444	0.336455	-2.97217	0.413608	1.26493	1.26493	0.302074	0.318998	-3.13499	0.684558	0.557834	-1.31999	0.75945	1.23215	1.23215	1.22181	8.94038	6.50401	1	
cg06828505	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.394111	0.142779	1.21584	1.21584	0.175141	1.91332	1.91332	0.622529	1.04012	1.04012	0.410397	1.86686	1.86686	0.251777	2.42987	2.42987	0.770157	1.1864	1.1864	0.358717	1.73432	1.73432	0.743827	1.21084	1.21084	0.0441693	3.85326	3.85326	1.22176	6.58654	4.79201	1	
cg22014972	DNHD1;DNHD1	0.394113	0.899249	1.03539	1.03539	0.814981	1.06648	1.06648	0.423503	1.25165	1.25165	0.23813	1.40396	1.40396	0.111818	1.6088	1.6088	0.157146	1.51505	1.51505	0.0457439	1.87553	1.87553	0.825277	1.06259	1.06259	0.88092	0.959674	-1.04202	1.22179	1.45901	1.06148	1	
cg22643110	KIAA1274	0.394115	0.161521	0.888317	-1.45282	0.363646	0.0139	-2.2628	0.0707357	0.612316	-1.63303	0.476167	0.864439	-1.15623	0.9024	1.1024	0.832853	1.24844	0.729008	1.09265	1.09265	0.783903	0.737137	1.06737	0.223118	1.37686	1.37686	0.503232	0.843902	-1.18497	1.22179	1.20771	0.878647	1	
cg08434809	FBXO39	0.394125	0.0437291	3.86727	3.86727	0.660754	2.9399	2.9399	0.798273	1.16117	1.16117	0.988926	0.991935	-1.00813	0.782196	1.17549	1.17549	0.707157	1.1864	1.1864	0.358717	1.73432	1.73432	0.743827	1.21084	1.21084	0.0441693	3.85326	3.85326	1.22176	6.58654	4.79201	1	
cg11909217	EARS2;EARS2;LIBF01	0.394128	0.962874	0.960441	-1.02085	0.439828	1.18189	1.18189	0.487234	1.19465	1.19465	0.970826	1.00773	1.00773	0.0977393	1.46637	1.46637	0.185098	1.3446	1.3446	0.105913	0.6803303	-1.45074	0.985917	1.00373	1.00373	0.861264	0.963816	-1.03754	1.22176	0.858899	0.624892	1	
cg11945235	ZNF432;ZNF432	0.394132	0.555484	1.05917	1.05917	0.955455	0.994629	-1.0054	0.8820383	1.20412	1.20412	0.0430605	1.25159	1.25159	0.910835	1.0186	1.0186	0.972797	0.996718	-1.00329	0.323675	1.10326	1.10326	0.78972	0.974562	-1.0261	0.293507	1.11076	1.11076	1.22175	0.17983	0.130836	1	
cg23260799	PTDSS2	0.394134	0.934025	0.986826	-1.01335	0.644251	0.194382	1.30414	0.102014	1.30972	1.30972	0.859634	0.972046	-1.02876	0.487834	1.11951	1.11951	0.71783	0.942292	-1.06124	0.225873	0.815705	-1.22593	0.70629	1.04669	1.04669	0.502128	1.11528	1.11528	1.22174	0.496425	0.361178	1	
cg05453885	ZFP1 SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;SHMT2	0.394135	0.8103623	0.885979	-1.1287	0.1335052	0.44262	-2.5257	0.383823	0.671763	-1.48786	0.538437	1.37938	1.37938	0.116756	0.423918	-2.35894	0.801526	0.88071	-1.1354	0.103401	0.415158	-2.40303	0.740969	0.846148	-1.18183	0.133875	0.445149	-2.24644	0.12474	0.907225	3.57001	1	
cg12639933	SHMT2;SHMT2;SHMT2 CCNL2;CCNL2;LOC148413;CCNL2;CCNL	0.394136	0.210188	0.53593	-1.86592	0.678453	0.82125	-1.21766	0.662969	0.812904	-1.23016	0.61523	0.787108	-1.27047	0.0893433	0.412768	-2.42267	0.395418	0.662904	-1.50851	0.0355692	0.314832	-3.1763	0.647388	0.804499	-1.24301	0.785297	1.13768	1.13768	1.22174	4.31747	3.14122	1	
cg17397377	2	0.394142	0.847382	1.03536	1.03536	0.105231	0.726725	-1.37604	0.882544	1.02702	1.02702	0.339128	0.837216	-1.19443	0.315322	1.20591	1.20591	0.629715	1.09156	1.09156	0.103322	1.37891	1.37891	0.508127	0.885976	-1.1287	0.659135	0.923069	-1.08334	1.22172	0.629224	0.457804	1	
cg07893986	LRRFIP1;LRRFIP1	0.394142	0.753108	1.09156	1.09156	0.709721	1.24193	1.24193	0.707357	0.899076	-1.11225	0.744312	0.919645	-1.08736	0.0649418	0.59047	-1.69357	0.32184	0.76954	-1.29946	0.117502	1.54521	1.54521	0.0870193	1.04275	1.04275	0.858302	0.955288	-1.0468	1.2217	1.26767	0.922333	1	
cg25851893	EGFR;EGFR;EGFR;EGFR	0.394159	0.44899	0.752501	-1.3289	0.0585007	0.454846	-2.19855	0.486915	0.770794	-1.29736	0.452772	1.32564	1.32564	0.620683	0.832056	-1.20184	0.443562	1.34248	1.34248	0.137733	1.69531	1.69531	0.709421	1.14792	1.14792	0.996262	0.998275	-1.00173	1.22169	2.62817	1.91223	1	
cg00116554	SNAI2;SNAI2	0.394159	0.160351	1.58016	1.58016	0.832216	1.19557	1.19557	0.662874	1.07653	1.07653	0.958574	1.04122	1.04122	0.0507339	1.54773	1.54773	0.17033	1.8837	1.8837	0.0387782	1.98315	1.98315	0.0706316	1.37616	1.37616	0.215564	2.8979	2.8979	1.22172	10.1998	8.5144	1	
cg11241778	GRTP1	0.394161	0.221071	0.479478	-2.0856	0.976122	0.983043	-1.01725	0.951374	1.03546	1.03546	0.995542	0.996812	-1.0032	0.0320908	0.238186	4.1984	0.642112	1.30662	1.30662	0.776506	1.1766	1.1766	0.539266	0.70105	-1.42643	0.174871	0.438434	-2.28085	1.22168	0.31782	4.59681	1	
cg10180367	KIAA0355	0.394168	0.768617	0.916071	-1.09162	0.16092	1.56047	1.56047	0.147416	1.58713	1.58713	0.545891	1.19916	1.19916	0.620683	0.738444	-1.3542	0.806491	0.926668	-1.07955	0.763852	1.09366	1.09366	0.0768695	1.79434	1.79434	0.454456	1.25279	1.25279	1.22167	1.70849	1.2431	1	
cg12125976	ACTN2;ACTN2	0.394189	0.346381	1.23564	1.23564	0.268257	1.17465	1.17465	0.660803	1.10321	1.10321	0.213894	1.15098	1.15098	0.782569	1.07255	-1.07255	0.555133	1.21384	1.21384	0.100783	1.75798	1.75798	0.0524396	1.31926	1.31926	0.0857705	-1.12923	0.77629	1.22162	1.18982	0.746751	0.54336	1	
cg00680673	OTUD5;OTUD5;OTUD5;OTUD5	0.394191	0.154463	0.8819761	-12.1987	0.793545	0.650233	-1.53791	0.852356	0.736568	-1.35765	0.206045	0.92634	0.92634	0.266289	0.69159	0.69159	0.0894387	0.0462774	-21.6088	0.901052	1.22646	1.22646	0.690235	1.92979	1.92979	0.77539	1.59915	1.59915	1.22161	52.1063	37.9143	1	
cg09864245	CDS1;CDS1;CDS9;CDS9;CDS9	0.394205	0.159573	1.205589	-1.41872	0.994347	0.720448	1.00748	0.662407	2.4564	2.4564	0.778307	1.33558	1.33558	0.104565	0.154835	-2.46728	0.414581	1.45716	1.45716	0.147004	0.941975	0.941975	0.971227	0.971227	0.960884	0.156021	-4.40938	0.226375	0.262654	1.88729	2.81413	1.55945	1	
cg24552128	GDF9	0.39421	0.124936	0.30396	1.30396	0.251469	0.825765	-1.211	0.644744	1.07701	1.07701	0.380224	1.15469	1.15469	0.0993598	1.38192	1.38192	0.262092	1.829565	1.829565	0.120945	1.96231	1.96231	0.304157	1.18536	1.18536	0.314185	1.18095	1.18095	1.22157	0.493981	0.359451	1	
cg26465611	MEGF10;MEGF10	0.394214	0.318195	0.561982	-1.77942	0.843148	0.895244	-1.11701	0.410849	0.625161	-1.59959	0.997014	0.997912	-1.00209	0.271195	0.52737	-1.8962	0.977422	1.01593	1.01593	0.498755	1.46753	1.46753	0.0391312	3.79424	3.79424	0.963536	0.974787	-1.02586	1.22156	6.03634	4.39244	1	
cg11170041	GPR113;GPR113;GPR113	0.394222	0.232968	1.344302	1.344302	0.379516	0.277171	1.05071	0.328376	0.599626	-1.66782	0.169922	0.939645	-1.06419	0.0648418	0.70992	-1.40853	0.629281	1.05746	1.05746	0.779328	0.579318	0.579318	0.701992	0.615189	0.615189	0.161684	0.791277	-1.26378	1.22154	-0.0198	0.784126	0.70797	1	
cg03965739	TACC2;TACC2;TACC2;TACC2	0.394223	0.694358	1.31402	1.31402	0.0703414	0.05031	4.05031	0.136245	0.33474	0.33474	0.582167	0.680947	-1.46854	0.847952	1.14195	1.14195	0.558833	0.658802	-1.51791	0.203952	0.395691	-2.52722	0.79433	0.83472	-1.19801	0.95617	0.962707	-1.03874	1.22154	0.925102	0.673176	1	
cg11279425	NAV2;NAV2;NAV2;LOC100126784	0.394232	0.160351	1.58016	1.58016	0.832216	1.19557	1.19557	0.662874	1.07653	1.07653	0.958574	1.04122	1.04122	0.0507339	1.54773	1.54773	0.17033	1.8837	1.8837	0.0387782	1.98315	1.98315	0.0706316	1.37616	1.37616	0.215564	2.8979	2.8979	1.22172	10.1998	8.5144	1	
cg02298012	TIPIN;SCARNA14	0.394237	0.379917	0.653343	-1.53059	0.317241	0.613497	-1.63	0.621642	0.790501	-1.26502	0.933444	1.04026	1.04026	0.27484	1.7107	1.7107	0.0717888	1.386768	-2.58553	0.759666	0.865019	-1.15604	0.819301	1.1142	1.1142	0.106507	0.434785	-2.29899	1.22151	0.34204	3.14395	1	
cg01518113	ASB18	0.394243	0.160071	1.636309	-2.97346	0.582712	1.4961	1.4961	0.918641	0.928504	-1.077	0.992603	0.991526	-1.00918	0.585803	0.251967	-3.96878	0.722938	1.07249	-1.29492	0.312716	0.648532	-1.23413	0.253881	2.37514	2.37514	0.387445	1.90248	1.90248	1.2215	10.1973	7.42065	1	
cg02032195	C7orf13;BNF32	0.394244	0.0492019	1.93703	1.93703	0.0768257	1.14104	1.14104	0.964868	1.06151	1.06151	0.664564	1.87353	1.87353	0.863935	1.02848	1.02848	0.309613	0.358249	-2.79155	0.154092	0.502051	-1.9958	0.314004	1.83894	1.83894	0.129322	0.6283	0.6283	1.2215	4.55575	3.61525	1	
cg08059474	C20orf30;C20orf30;C20orf30;C20orf30	0.394254	0.781545	0.93982	-1.06403	0.889174	0.969349	-1.03162	0.073492	1.56134	1.56134	0.143123	0.703744	-1.43703	0.0774304	0.455495	1.18496	1.18496	0.699163	0.91695	-1.09057	0.550981	0.87398	-1.14419	0.218763	1.33482	1.33482	0.884532	0.968076	-1.03298	1.22147	0.964378	0.701797	1	
cg16694837	SETD3;SETD3	0.394255	0.77524	0.900507	-1.11049	0.679332	1.16436	1.16436	0.0848406	2.00019	2.00019	0.253667	1.54805	1.54805	0.388512	1.38199	1.38199	0.479447	1.30106	1.30106	0.291085	0.612067	-1.63381	0.98611	0.993648	-1.00639	1.22147	2.59249	1.88661	1	
cg22592142	DUOX2	0.394265	0.0513079	7.45814	7.45814	0.154386	3.97662	3.97662	0.473151	0.51651	-1.93607	0.825742	1.22099	1.22099	0.432099	2.06677	2.06677	0.43378	2.06108	2.06108	0.66073	1.49171	1.49171	0.637675	0.650809	-1.53655	0.194679	3.46324	3.46324	1.22145	15.8611	11.5427	1	
cg27178145	YWHAH;C22orf24	0.394271	0.912331	1.02983	1.02983	0.824791	1.02603	1.02603	0.125342	1.78304	-1.27707	0.63461	1.07311	1.07311	0.172284	1.80868	-1.23669	0.541485	1.09537	1.09537	0.409736	1.1323	1.1323	0.932636	1.01254	1.01254	0.925572	0.886092	-1.12741	1.22131	0.420163	0.305801	1	
cg09596018	PURG;PURG;WRN	0.394272	0.087707	2.46696	2.46696	0.828366	1.01962	1.10962	0.114748	0.439682	-2.27437	0.889236	1.06904	1.06904	0.983392	1.01002	-1.01002	7	7	7	7	0.796702	0.883665	-1.13165	0.469309	1.4232	1.4232	0.267283	1.7396	1.7396	1.26129	3.92985	3.23102	1	
cg08138379	AP1G2	0.394293	0.129902	1.15372	1.15372	0.0408257	1.17479	1.17479	0.0424474	2.8252	2.8252	0.0119733	1.62417	1.62417	0.264764	1.62043	1.62043	0.706142	1.08886	1.08886	0.354924	1.31926	1.31926	0.0857705	-1.12923	0.77629	1.22162	1.18982	0.746751	0.54336	1.22131	0.661641	0.48266	1	
cg25005235	C18orf45	0.394279	0.743171	1.03266	1.03266	0.809739	1.02386	1.02386	0.362535	1.0958	1.0958	0.0828889	0.82885	-1.20649	0.952906	0.994243	-1.00579	0.18546	0.871745	-1.14712	0.873225	1.01573	1.01573	0.197633	1.14239	1.14239	0.405917	1.08667	1.08667	1.22142	0.184852	0.134527	1	
cg27164242	KCNQ1	0.394281	0.642617	0.76482	-1.30409	0.239915	0.210193	1.83586	0.0144605	0.911537	-1.09705	0.822742	0.880314	-1.13596	0.176401	0.644998	-2.2227	0.414581	0.415716	-2.40498	0.226575	0.262654	-3.80729	0.132158	0.2508	0.2508	0.0262316	0.2508	0.2508	1.22141	0.424613	0.345947	1	
cg25549023	MCF2	0.39429	0.282298	0.544605	-1.83594	0.284625	0.513339	0.289279	0.949753	1.0419	0.785727	0.862243	1.15977	0.913538	0.160786	0.614792	-1.62657	0.19118	0.471075	-2.12281	0.928838	0.952577	-1.04978	0.461807	1.50298	1.50298	0.694626	1.23937	1.23937	1.22139	5.72269	4.16479	1	
cg26147269	HDAC11 MAPT;MAPT;MAPT;MAPT;MAPT;MAPT ;LOC100128977;LOC100130148;MAPT;	0.394291	0.926284	0.937773	-1.06636	0.538648	1.54065	1.54065	0.189673	2.62341	2.62341	0.247509	2.31502	2.31502	0.448454	1.70969	1.70969	0.24545	2.3243	2.3243	0.0616251	4.31269	4.31269	0.127919	3.13512	3.13512	0.158568	2.84719	2.84719	1.22139	9.32391	6.78565	1	
cg23202377	MAPT;MAPT;MAPT;MAPT;MAPT	0.394293	0.739529	0.84491	-1.18356	0.723507	1.19651	1.19651	0.947277	0.967151	-1.03396	0.161539	2.12778	2.12778	0.104018	0.407488	2.45406	0.324806	1.67122	1.67122	0.914029	1.05606	1.05606	0.310914	0.588884	-1.69813	0.232351	1.88249	1.88249	1.22138	4.93462	3.59128	1	
cg13229655	DFFA;DFFA;DFFA;DFFA	0.394316	0.399127	0.669202	-1.49432	0.292942	1.66315	1.66315	0.185114	1.93001	1.93001	0.166584	0.501259	-1.99498	0.458224	0.703853	-1.42075	0.409847	0.675616	-1.48013	0.67547	1.21578	1.21578	0.936779	1.03747	1.03747	0.190896	0.523189	-1.91136	1.24675	4.15542	2.59234	1	
cg26877023	FLJ90757	0.394318	0.901835	0.921602	-1.08507	0.116059	1.00576	1.00576	0.0405567	4.76711	4.76711	0.581061	0.691593	-1.44594	0.444406	0.596998	-1.67505	0.85789	0.88815	-1.1259	0.577345	1.45393	1.45393	0.964472	0.972573	-1.0282	0.729111	1.26098	1.26098	1.22133	8.46728	6.16254	1	
cg22339470	HDAC11;HDAC11	0.394327	0.144557	1.11551	1.11551	0.0373393	1.78992	1.78992	0.0392288	2.81448	2.81448	0.892769	1.03214	1.03214	0.0966475	1.33005	1.33005	0.67245	1.10489	1.10489	0.380663	1.02176	1.02176	0.849377	1.17504	1.17504	0.111621	1.27831	1.27831	1.22132	1.04265	0.774573	1	
cg08145373	CD81	0.394323	0.941062	1.01985	1.01985	0.759907	1.0849	1.0849	0.0661483	0.578146	-1.72967	0.72167	1.09976	1.09976	0.962731	0.987655	-1.0125	0.324171	0.76286	-1.31086	0.232891	0.717102	-1.3945	0.147139	1.51221	1.51221	0.727301	0.911036	-1.09765	1.22132	1.36698	0.994905	1	
cg24601967	ACOT7;ACOT7;ACOT7;ACOT7	0.394325	0.105754	1.707215	-1.29746	0.870134	1.02437	1.02437	0.125342	1.78304	-1.27707	0.63461	1.07311	1.07311	0.172284	1.80868	-1.23669	0.541485	1.09537	1.09537	0.409736	1.1323	1.1323	0.932636	1.01254	1.01254	0.925572	0.886092	-1.12741	1.22131	0.420163	0.305801	1	
cg24527560	LOC441666	0.394331	0.476427	1.47641	1.47641	0.105117	0.386124	-2.58984	0.19763	0.480558	-2.08091	0.701896	1.22992	1.22992	0.347107	1.68366	1.68366	0.954222	1.03137	1.03137	0.535	0.439238	-2.27667	0.335856	0.585251	-1.70575	0.900512	1.06962	1.06962	1.2213	0.56089	0.407646	1	
cg04523929	C3orf10	0.394332	0.951742	0.982161	-1.01816	0.147103	0.629156	-1.58841	0.169821	0.647338	-1.54479	0.181103	0.656967	-1.52215	0.855446	0.947209	-1.05573	0.338771	1.34079	1.34079	0.181429	1.5249	1.5249	0.731389	0.902593	-1.10792	0.883381	0.957286	-1.04662	1.2213	1.7109	1.24523	1	
cg27625416	ZMYM2;ZMYM2	0.394351	0.95384	1.0217	1.0217	0.8144	1.02386	1.02386	0.376465	1.0908	1.0908	0.0824774	0.906399	-1.10327	0.0966398	0.915537	-1.09705	0.822742	0.880314	-1.13596	0.176401	0.644998	-2.2227	0.414581	0.415716	-2.40498	0.226575	0.262654	-3.80729	0.132158	0.2508	0.2508	0.0262316	0.2508	0.2508	1.22131	0.424613	0.345947	1	
cg01654584	HRNBP3	0.394337	0.98791	0.993171	-1.00688	0.390401	1.48885	1.48885	0.363592	0.655572	-1.52538	0.271577	1.67798	1.67798	0.673845	1.21101	1.21101	0.161619	1.96587	1.96587	0.194756	0.537794	-1.85945	0.311862	1.60502	1.60502	0.312032	0.623157	-1.60473	1.22128	3.95577	2.87913	1	
cg26320040	LIPH	0.394348	0.0462408	2.16452	2.16452	0.0658795	0.572636	-1.74619	0.0387	0.740576	0.6496	-1.53966	0.751253	1.33097	0.144427	1.66405	1.66405	0.540017	1.85065	1.85065	0.0218481	2.14302	2.14302	0.0547296	1.46201	1.46201	0.0523303	2.84339	2.84339	1.22126	9.03662	6.35211	1	
cg03775901	CNDP1;CNDP1	0.394353	0.246452	0.439437	-2.27564	0.0658795	0.246593	-4.05526	0.0761804	0.262222	-3.81357	0.682977	0.756863	-1.32124	0.234799	0.429627	2.3276	0.331319	2.506624	-1.97385	0.229984	0.425519	-2.35007	0.245646	0.438764	-2.27913	0.903499	0.921008	-1.08577	1.22125	0.90203	0.647937	1	
cg05031931	FAM20C	0.394356	0.658756	0.88505	-1.12988	0.539631	1.18604	1.18604	0.160199	1.5101	1.5101	0.424831	1.25098	1.25098	0.983997	1.00366	1.00366	0.267916	0.72828	-1.3731	0.110003	0.619637	-1.61385	0.422749	0.798535	-1.25229	0.325385	0.756535	-1.32182	1.22124	1.46006	1.06271	1	
cg02010625	SYNGR3	0.394358	0.172773	1.00356	1.00356	0.0153545	1.29285	1.29285	0.258938	1.19312	1.19312	0.812723	1.16095	1.16095	0.0914354	1.39722	1.39722	0.744685	1.43644	1.43644	0.152458	1.92826	1.92826	0.0516511	1.51146	1.51146	0.0748965	1.67583	1.67583	0.684156	1.19703	1.19703	1.22125	1.37932	1.12795	1	
cg24964466	HAUS7	0.394361	0.216074	0.282397	-3.54111	0.730721	0.714939	-1.39872	0.971054	1.03587	1.03587	0.11908	5.1707	5.1707	0.195483	3.78017	3.78017	0.157237	0.230123	-3.4655	0.534612	0.542905	-1.84194	0.836751	0.819408	-1.22189	0.838036	1.21993	1.21993	1.22123	18.246	13.2806	1	
cg27510197	PEA15	0.394368	0.264588	0.472194	-2.11777	0.481102	0.220932	-1.58747	0.746355	0.830463	-1.23386	0.752966	0.815664	-1.226	0.491462	0.563115	1.57892	0.0562803	0.24785	-4.0347	0.0670691	0.265923	-3.76048	0.919614	0.965328	-1.03564	0.729253	0.558073	1.46558	1.22123	0.85477	0.582279	1	
cg26501502	MRPL11;MRPL11;MRPL11	0.394363	0.832299	0.04861	1.04867	0.310214	0.790301	-1.26534	0.399639	0.824276	-1.21319	0.673806	1.09953	1.09953	0.703844	1.08933	1.08933	0.77409	1.06663	1.06663	0.0281033	0.559175	-1.78835	0.631448	1.14484	1.14484	1.22123	0.971571	0.707174	1	
cg22201573	ZFYVE28 FBXW12;FBXW12;FBXW12;FBXW12;FBX	0.394369	0.62899	1.35658	1.35658	0.0856932	3.28655	3.28655	0.0235743	5.43935	5.43935	0.461046	1.60013	1.60013	0.861558	1.11554	1.11554	0.612527	1.37703	1.37703	0.50925	1.52105	1.52105	0.656086	1.32414	1.32414

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1255 vs. N)	Fold-Change(1255 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1353 vs. N)	Fold-Change(1353 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
cg19085118	C22orf39;C22orf39	0.394758	0.405995	0.641375	0.512	0.122737	0.44104	0.26104	0.3608	1.57913	0.37913	0.215905	0.533535	-1.87429	0.525029	0.731074	-1.36785	0.633273	1.26512	1.26512	0.185734	0.505414	-1.97858	0.397298	0.6569056	-1.52436	0.7244686	0.841892	0.185739	1.32057	4.57108	3.32957	1
cg19196225	JPH1	0.39476	0.970171	0.9647117	-1.03657	0.170539	0.46343	0.46343	0.435869	2.14611	2.14611	0.3005	0.35678	-2.80825	0.922615	0.910884	-1.09783	0.758255	0.743371	-1.34522	0.176173	0.251206	-3.98079	0.806576	1.26574	1.26574	0.0922474	0.168599	-5.93129	1.220233	17.8358	12.9916	1
cg12281798	C6orf147	0.394765	0.893481	1.0801	1.0801	0.924686	0.947068	-1.05589	0.45633	0.646389	-1.54706	0.96664	0.976232	-1.02435	0.40378	0.611776	-1.63459	?	?	?	0.750424	1.20147	1.20147	0.780415	0.85151	-1.17438	0.0277558	0.46476	4.46476	1.215515	5.65917	4.65735	1
cg22801296	ETHE1	0.394766	0.329291	0.8505667	-1.17569	0.1998125	0.804139	-1.24326	0.72078	0.944937	-1.05939	0.120647	0.764465	-1.3081	0.305974	0.588177	1.185777	0.64711	0.928582	-1.07691	0.464934	0.887313	-1.127	0.34607	1.16882	1.16882	0.322136	1.17871	1.17871	0.302032	0.499473	0.363821	1
cg04383154	B3GNTL1	0.394768	0.520093	1.56706	1.56706	0.110776	3.31711	3.31711	0.239421	2.33674	2.33674	0.424347	1.75439	1.75439	0.441253	0.582151	-1.71777	0.119248	3.20537	3.20537	0.113385	3.21561	3.21561	0.271178	1.76011	1.76011	0.945671	0.957443	-1.04445	1.220311	9.17374	6.68226	1
cg27339949	KPCJPC;KPCJ;SM3	0.394775	0.706155	1.12509	1.12509	0.0954258	1.76835	1.76835	0.79832	1.08294	1.08294	1.162246	1.59095	1.59095	0.572377	1.19426	1.19426	0.257222	1.44477	1.44477	0.187757	0.647654	-1.54403	0.477068	0.7985529	-1.2523	0.96971	1.088254	-1.01189	1.3203	1.875	1.36326	1
cg14881618	ME3;ME3;ME3	0.394791	0.27656	1.18303	1.18303	0.6600317	0.936372	-1.06795	0.22571	1.20798	1.20798	0.846391	1.02922	1.02922	0.212552	1.2153	1.2153	0.579888	0.920316	-1.08658	0.119025	0.777811	-1.28566	0.825128	0.967669	-1.03341	0.245456	1.19772	1.19772	1.20226	0.426266	0.31051	1
cg01424482	C10orf128	0.394794	0.763349	1.17756	1.17756	0.46774	0.67632	-1.49173	0.341646	0.587959	-1.65559	0.846905	0.902664	-1.11205	0.6832048	0.531107	-1.92017	0.994478	0.996261	-1.00375	0.109606	0.575	0.482008	1.47226	1.47226	0.980202	1.01552	1.01552	1.202025	5.662212	4.12455	1
cg14520829	SATB1;SATB1	0.39478	0.166442	1.5823	1.5823	0.54144	1.21198	1.21198	0.298387	1.39828	1.39828	0.2670822	1.51265	1.51265	0.0936289	1.25735	-1.10957	0.156318	1.6026	1.6026	0.419978	1.29209	1.29209	0.0937889	1.77387	1.77387	0.115162	1.70359	1.70359	1.202024	1.86938	1.36176	1
cg24603960	HIVEP2	0.394804	0.747324	1.12259	1.12259	0.0933502	0.516715	-1.9153	0.0735814	0.489886	-2.04129	0.849767	0.934415	-1.07019	0.327954	1.43509	1.43509	0.590188	1.2147	1.2147	0.504157	1.27441	1.27441	0.771679	0.901148	-1.1097	0.6901221	0.86644	-1.15415	1.220223	2.47313	1.80158	1
cg09784346	C1D;C1D	0.394804	0.156667	1.64313	1.64313	-1.22614	1.31423	1.31423	0.210554	1.30146	1.30146	0.324967	1.23976	1.23976	0.2307	?	?	0.950891	0.954615	-1.04754	0.215354	1.38521	1.38521	0.59599	0.539251	1.85408	1.60138	0.483714	1.71573	1.71573	1.26605	8.4461	5.71818	1
cg02854763	PRKCZ;PRKCZ;PRKCZ	0.394809	0.19574	0.699191	-1.43023	0.285331	0.880296	-1.13758	0.163763	0.642921	-1.5554	0.217714	0.712388	-1.40373	0.11797	0.641487	-1.55888	0.171589	0.683698	-1.46263	0.853688	1.04946	1.04946	0.944067	0.18153	0.103815	0.528875	1.18158	1.18158	1.202022	1.32181	0.962896	1
cg05400741	TET1	0.394818	0.363647	0.7802156	-1.28166	0.1460868	0.145105	1.514005	0.815965	1.06093	1.06093	1.0149381	0.772215	-1.29498	0.0854459	0.6032273	-1.657653	0.870889	0.937644	-1.06615	0.344981	0.7675268	-1.30262	0.947323	0.723096	-1.38294	0.8183994	0.947165	-1.05578	1.202	1.36545	0.9947	1
cg24218077	CHEK1;CHEK1;CHEK1;CHEK1;CHEK1	0.394819	0.96502	0.993166	-1.00688	0.115883	1.31668	1.31668	0.343919	1.17003	1.17003	0.958752	0.991709	-1.00836	0.219702	1.23092	1.23092	0.454588	0.8846	-1.13045	0.191487	0.8004419	-1.24935	0.392601	0.868498	-1.15141	0.434489	1.13698	1.13698	1.2022	0.5008823	0.36484	1
cg16591681	CLCNKA;CLCNKA	0.394821	0.207418	0.462557	-2.1619	0.572188	0.718196	-1.39238	0.206387	0.46166	-2.1661	0.814551	0.870581	-1.14866	0.051172	0.275858	-3.62505	0.270854	0.514354	-1.94418	0.078126	0.322253	-3.10316	0.377354	0.591362	-1.69101	0.646578	0.765103	-1.30701	1.220919	6.4997	4.73492	1
cg07813747	LOC100271836	0.394838	0.426621	1.730654	1.36864	0.147259	2.834217	1.82437	0.340264	1.44221	1.44221	0.119556	1.59128	1.59128	0.280561	0.648159	-1.54283	0.779116	1.11483	1.11483	0.354681	1.2944	1.2944	0.749387	-1.13432	0.749388	1.13191	1.13191	0.483749	0.759471	-1.31671	1.220115	2.88819	2.10407	1
cg06090362	TRIM42;TRIM42	0.394847	0.420308	1.22726	1.22726	0.315242	1.2947	1.2947	0.896589	0.968176	-1.03287	0.937259	1.01977	1.01977	0.272198	1.32878	1.32878	0.761274	1.07873	1.07873	0.0351404	1.84117	1.84117	0.272669	1.32838	1.32838	0.393088	0.804452	-1.24308	1.220113	1.1954	0.870869	1
cg08238735	MAGEF1	0.394857	0.059716	1.66466	-2.74228	0.369338	0.645501	-1.54919	0.705891	1.19745	1.19745	?	?	?	0.608736	0.782611	-1.27777	0.554569	0.752934	-1.32816	0.457115	0.477743	-2.09316	0.206605	0.533299	-1.88238	0.229637	0.549658	-1.81931	1.21494	3.85545	3.17338	1
cg09437479	WWOX	0.394863	0.282938	0.3728666	0.8703154	0.9950851	1.005546	1.005546	0.526831	1.76299	1.76299	0.707538	0.716586	-1.39551	0.148959	0.753578	0.253578	1.34656	1.34656	1.34656	0.296051	-1.3778	0.739096	0.193312	0.296051	-1.3778	0.739096	0.193312	0.296051	-1.3778	0.739096	0.193312	0.296051	-1.3778	0.739096	0.193312	0.296051	-1.34339	1.2201	1.56192	11.0076	1
cg16928335	SH2D1A;SH2D1A	0.394864	0.412445	1.69563	1.69563	0.726124	0.801227	-1.24809	0.528408	0.668651	-1.49555	0.163912	0.392167	-2.54994	0.06916308	0.277668	-3.60142	0.327959	1.88948	1.88948	0.283077	0.495184	-2.01945	0.744565	0.81382	-1.22877	0.415717	0.592027	-1.68911	1.22009	7.67329	5.5903	1
cg21222889	MORN5;MORN5	0.394867	0.028626	0.622148	1.60733	0.262985	0.21478	1.31478	0.788581	1.05063	1.05063	0.922116	0.982181	-1.01854	0.943478	1.03152	1.03152	0.58329	0.902698	-1.10779	0.275709	0.99442	-1.00561	0.994442	0.12098	0.11798	0.810443	1.04515	1.04515	1.22009	0.6526323	0.474565	1
cg00107630	ASTN2;ASTN2;ASTN2	0.394883	0.331775	0.777371	-1.28639	0.932183	0.978821	-1.02164	0.250194	1.35285	1.35285	0.989285	0.996628	-1.00338	0.933803	0.639335	-1.56412	0.211518	0.718175	-1.39242	0.763306	1.07892	1.07892	0.673937	0.8090335	-1.1123	0.199702	1.406	1.406	1.22005	1.32228	0.890514	1
cg16832551	PNPLA4;PNPLA4	0.394885	0.789594	1.14172	1.14172	0.307229	2.8323	2.8323	0.0435124	2.50423	2.50423	0.59438	1.38438	1.38438	0.757598	0.673135	-1.48559	0.749128	0.947064	1.06055	0.344897	0.904246	1.20441	0.256134	0.997594	-1.00253	0.992461	0.997594	-1.00253	0.992461	0.997594	-1.00253	0.992461

File: ESM_23 (Online Resource 23)

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg11721464	DEDD2	0.395569	0.621958	0.81864	0.12154	0.797414	1.10912	1.10912	0.579274	0.79812	1.25294	0.137548	0.525234	-1.90391	0.66431	0.838782	1.19221	0.708872	0.858894	-1.16429	0.111599	1.00916	1.00916	0.896758	0.949063	-1.05367	0.0937381	0.47612	-2.10001	1.21851	3.1285	2.28222	1
cg13345430	PARP8	0.395569	0.345589	0.707004	-1.41442	0.781046	1.10457	1.10457	0.512977	0.791102	-1.26406	0.167382	1.69099	1.69099	0.596015	0.814282	-1.22808	0.415195	0.742844	-1.34618	0.919859	1.03657	1.03657	0.881792	1.99052	1.99052	0.315919	1.44789	1.44789	1.2185	2.45867	1.79358	1
cg23502214	B4GALNT4	0.395576	0.782424	0.921439	-1.08526	0.852956	1.05637	1.05637	0.878671	1.04618	1.04618	0.181271	1.52114	1.52114	0.406809	1.28505	1.28505	0.8696655	1.73842	1.73842	0.959153	0.984977	-1.01525	0.802475	0.9286	-1.07689	0.107224	0.59473	-1.68344	1.21849	1.68568	1.22971	1
cg26577529	KRT4C	0.395576	0.655408	0.823684	-1.21406	0.349408	1.51573	1.51573	0.597124	0.794263	-1.25903	0.938895	0.792622	-1.26164	0.207159	0.563019	-1.77616	0.452116	0.718347	-1.39192	0.125496	0.488686	-2.0463	0.596671	0.794033	-1.25939	0.050713	0.382361	-2.61533	1.21849	3.59881	2.62534	1
cg02337001	PPP3CA;PPP3CA;PPP3CA	0.395583	0.72808	1.26671	1.26671	0.249631	0.442645	-2.25915	0.380502	0.543716	-1.83918	0.158761	0.27407	2.77407	0.357404	0.526707	-1.89859	0.627944	1.39207	1.39207	0.523793	0.645567	-1.54903	0.115319	0.18889	3.18889	0.677523	1.32746	1.32746	1.21847	0.85417	0.645921	1
cg18262051	MEPCE;ZCWPW1	0.395594	0.601677	0.87224	-1.14647	0.994456	0.998108	1.0018	0.660795	1.12136	1.12136	0.0780883	0.601647	-1.66211	0.851491	0.952521	-1.04985	0.853464	0.953146	-1.04916	0.130664	0.65466	-1.52751	0.112786	0.618807	-1.5652	0.43513	1.22957	1.22957	1.21845	1.20992	0.948322	1
cg00550040	DKTZp566F0947	0.3956	0.110574	0.546839	-1.82869	0.789716	1.09723	1.09723	0.630189	0.845009	-1.18342	0.844721	0.934192	-1.07044	0.881983	0.949737	-1.05292	0.255885	1.50943	1.50943	0.0758901	1.98532	1.98532	0.78241	0.908365	-1.10088	0.448236	1.30774	1.30774	1.21844	2.32556	1.69657	1
cg19907520	SEMA5E	0.395604	0.707435	0.849535	-1.17711	0.133398	0.496475	-2.0142	0.0862661	0.440553	-2.26989	0.756763	0.864229	-1.15721	0.0957468	0.457045	-2.18797	0.88328	1.0656	1.0656	0.24574	1.58622	1.58622	0.688	0.915944	1.04484	1.04484	0.191755	0.550053	-1.81801	1.21843	3.60987	2.63164	1
cg11643461	MAD1L1;MAD1L1;MAD1L1	0.395609	0.121418	0.729405	-1.37098	0.552376	0.896529	-1.11541	0.613422	1.10075	1.10075	0.782308	0.615855	-1.62395	0.350125	0.90521	-1.10485	0.319564	1.21322	1.21322	0.206374	1.28459	1.28459	0.58151	0.883534	-1.13439	0.381249	0.844721	-1.18382	1.21842	0.68314	0.497049	1
cg04804543	SLC45A4	0.39561	0.447472	0.759859	-1.31603	0.934569	0.971295	-1.02955	0.0623631	0.475161	-2.10455	0.999277	1.00032	1.00032	0.112321	0.541607	-1.84636	0.754611	0.894744	-1.11764	0.0813313	0.503911	-1.98448	0.784143	0.907197	-1.1023	0.293134	0.679205	-1.47231	1.21841	2.42789	1.73126	1
cg23609466	AGAP3;AGAP3	0.395619	0.512119	0.833885	1.20193	0.37953	0.26524	-3.76812	0.0612	0.331597	1.33197	0.599695	1.25795	-1.09301	0.0739161	1.2791	-1.19321	0.525497	1.32152	1.32152	0.0990842	0.974055	1.3745	1.3745	0.711866	1.1744	1.1744	0.182339	3.623331	1.1744	1.21839	0.644344	1
cg13671601	OSBP2	0.395629	0.677758	0.897062	-1.11475	0.915955	1.02782	1.02782	0.278529	0.746097	-1.34031	0.0957008	0.622359	-1.60679	0.654229	0.786493	-1.12434	0.535374	0.849449	-1.17723	0.973266	0.686137	-1.45744	0.131854	0.655215	-1.52622	0.26884	1.349	1.349	1.21837	1.30392	0.951306	1
cg15308487	PDK3;PDK3	0.395632	0.1966	0.699475	-1.00194	0.921831	0.842146	-1.18744	0.945459	1.12732	1.12732	0.174506	0.52304	1.52304	0.415228	0.29595	-4.39165	0.844994	0.922494	-1.08402	0.94371	0.962341	1.12528	1.12528	0.898466	0.874313	-1.14374	0.989578	1.02313	1.02313	1.02836	59.3201	43.1326	1
cg14203426	CUX1;CUX1;CUX1	0.395632	0.787706	1.19962	1.19962	0.201855	0.403027	-2.48123	0.521725	0.54944	-1.54944	0.733516	1.25915	1.25915	0.850474	0.880507	-1.13571	0.280747	0.47429	-2.10842	0.0850454	0.276917	-3.61119	0.119161	0.319694	-3.128	0.638053	1.37646	1.37646	1.21836	8.77403	6.40193	1
cg05265611	PRDM16;PRDM16	0.395635	0.848461	1.07556	1.07556	0.412916	0.270754	-1.37541	0.960062	0.981112	-1.01925	0.83132	1.09437	1.09437	0.406366	0.723648	-1.38189	0.943362	1.02742	1.02742	0.0210624	2.87646	2.87646	0.78944	1.11311	1.11311	0.756622	0.88836	-1.12567	1.21836	2.7979	2.04129	1
cg26852286	OPA3	0.395665	0.938324	0.966376	1.06579	0.630885	1.22138	1.22138	0.35308	1.49616	1.49616	0.720782	0.858918	-1.56426	0.747009	0.8004	-1.24969	0.872332	0.94675	-1.05604	0.551548	0.814843	-1.22723	0.531548	0.764284	-1.30841	0.0222378	3.104	3.104	1.21836	3.46491	2.72953	1
cg02154084	PPP2R2B;PPP2R2B;PPP2R2B;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs.105T)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. 111T vs. N)	Ratio(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 127T vs. N)	p-value(127T vs. N)	Fold-Change(127T vs. 121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 217T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(563T vs. N)	Ratio(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg16518986	PTPN2;PTPN2;PTPN2	0.396196	0.347807	1.025561	0.396196	1.021709	0.376647	1.029758	0.394115	1.029758	0.394115	1.029758	0.394115	1.029758	0.394115	0.607136	1.07519	1.07519	0.0327117	1.41807	1.41807	0.909656	1.01599	1.01599	0.819275	1.02251	1.21709	0.376647	0.275079	1
cg13904970	ZNF608	0.396196	0.233782	1.089777	-5.26933	0.594186	0.488734	-2.0461	0.772953	1.46982	1.46982	0.343399	0.272673	-3.66674	0.182554	0.152087	-6.5752	0.639837	1.87281	1.87281	?	?	?	0.0644799	0.0629607	-15.8829	0.257447	0.207336	-8.82309	1.21185	30.2396	24.9532	1
cg22655876	TMEM214;TMEM214	0.396197	0.043442	3.19813	3.19813	0.387275	0.641706	-1.55835	0.594026	0.763902	-1.30907	0.323008	0.66699	1.66699	0.644513	0.792484	-1.26186	0.713178	1.203	1.203	0.326106	0.601971	-1.66121	0.511215	1.39593	1.39593	0.877257	0.925547	-1.08044	1.21709	4.8305	3.5279	1
cg17339258	DAAM1	0.396198	0.368956	1.25632	1.25632	0.550483	0.861316	-1.16113	0.991009	0.804652	-1.24277	0.465094	1.20183	1.20183	0.888551	0.96592	-1.03528	0.349166	0.787939	-1.26913	0.0468341	0.569636	-1.75551	0.207941	0.72001	-1.38888	0.654183	0.894488	-1.11796	1.21709	1.1788	0.860923	1
cg14879690	MFAP3L;MFAP3L	0.396203	0.676053	1.10959	1.10959	0.131368	0.41948	1.49648	0.188924	1.41119	1.41119	0.757505	0.926231	-1.07966	0.786127	1.06962	1.06962	0.0647532	1.67087	1.67087	0.114254	1.5298	1.5298	0.74895	1.0827	1.0827	0.910893	0.972676	-1.02809	1.21708	1.18045	0.862135	1
cg24786658	GPR85;GPR85;GPR85	0.396211	0.0729496	2.520321	-3.39487	0.517908	0.635134	-1.57447	0.509704	1.589	1.589	1.771783	0.817997	-1.2231	0.245684	0.431376	-2.31687	0.260376	0.443563	-2.25447	0.166632	0.360177	-2.77641	0.120054	0.331056	-3.21485	0.529335	0.640814	-1.56051	1.21706	4.92645	6.75044	1
cg12035699	TMEM178;TMEM178	0.396213	0.982491	0.995611	-1.00441	0.624347	1.10398	1.10398	0.411134	0.844973	-1.18347	0.973634	1.00665	1.00665	0.0802381	1.47546	1.47546	0.488078	0.868325	-1.15164	0.342315	0.821929	-1.21665	0.193815	0.759147	-1.31727	0.289874	1.2463	1.2463	1.21706	0.774357	0.565559	1
cg18266010	MYBL2	0.396221	0.827328	0.95287	-1.04996	0.49766	0.849358	-1.05379	0.256227	0.760127	-1.30001	0.796407	0.944369	-1.05891	0.6553357	0.632807	-1.58026	0.649449	1.10662	1.10662	0.39146	0.948376	-1.05496	0.544366	0.872984	-1.1455	0.0460209	0.602743	-1.65908	1.21704	0.944709	0.689988	1
cg20732076	TRERF1	0.396222	0.50834	0.688007	-1.45335	0.801094	0.340416	-2.93758	0.206756	0.476167	2.10011	0.29584	0.546625	-1.82941	0.458675	0.65677	-1.5226	0.896101	1.07551	1.07551	0.448595	0.650332	-1.53768	0.639734	1.3004	1.3004	0.0651793	0.315522	-1.36935	1.21703	5.98387	4.37046	1
cg12275723	CAS2;LCAS2;LCAS2	0.39623	0.519948	1.21091	1.21091	0.879564	0.956487	-1.04549	0.803504	0.929464	-1.07589	0.356479	1.32084	1.32084	0.267206	0.712379	-1.40375	0.990686	0.996581	-1.00343	0.0430363	0.505045	-1.98002	0.1961	0.66959	-1.49345	0.735255	0.905217	-1.10471	1.21702	1.65933	1.21194	1
cg09047553	ZDHHC13;ZDHHC13	0.396231	0.276717	1.07045	1.07045	0.634437	1.37113	1.37113	?	1.37113	?	1.214562	1.36541	1.36541	0.562407	0.470803	-1.47089	0.208282	0.417173	-2.39709	0.146678	0.279114	2.79114	0.40734	0.537009	1.86287	0.0437906	0.0629662	1.74804	0.73705	0.800876	-1.24683	1.21177	7.40694	6.11249	1
cg24370375	MACF1	0.396233	0.904248	1.04899	1.04899	0.78324	1.115383	1.115383	0.984337	0.992228	-1.00783	0.209955	1.69067	1.69067	0.408769	1.39906	1.39906	0.150235	1.84588	1.84588	0.504088	1.30024	1.30024	0.252207	2.87992	2.87992	0.540715	1.27908	1.27908	1.21701	3.04477	2.22386	1
cg11281961	CNNM3;CNNM3	0.396236	0.701551	1.24628	1.24628	0.634846	3.50624	3.50624	0.0827402	2.97521	2.97521	0.808636	0.870414	-1.14888	0.41895	0.623512	-1.60382	0.59455	1.59972	1.59972	0.262223	1.89222	1.89222	0.75978	1.12127	1.12127	0.772814	1.18007	1.1207	0.90624	4.60602	1
cg17691292	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.396239	0.594469	0.698096	-1.43247	0.0183895	0.77517	0.77517	0.50277	0.634515	-1.57601	0.866786	1.11884	1.11884	0.711671	0.780115	-1.28186	0.809756	0.851023	-1.17506	0.642931	1.36652	1.36652	0.727725	1.26337	-1.26337	0.876391	1.10973	1.10973	1.217	0.62286	6.29808	1
cg18518722	SCARF2;SCARF2	0.396251	0.473978	0.840197	-1.1902	0.0653948	0.609858	-1.63973	0.431531	0.818823	-1.22126	0.885457	0.966122	-1.03507	0.97414	0.992279	-1.00778	0.498445	1.17859	1.17859	0.445902	1.20416	1.20416	0.677063	0.904707	-1.10533	0.0824314	0.631296	-1.58404	1.21697	1.10192	0.804855	1
cg07469744	PARD6A;ACD;ACD;PARD6A;ACD	0.396253	0.332135	0.729328	-1.38135	0.152005	1.17233	1.17233	0.282535	1.14289	1.14289	0.115547	1.19743	1.19743	0.222015	0.665936	-1.50612	0.312883	0.713866	-1.40082	0.35941	0.755599	-1.32697	0.49272	0.798549	-1.25227	0.761886	0.906533	-1.1031	1.21697	2.60955	1.4678	1
cg02973644	PTPRN2;PTPRN;2;PTPRN2	0.396254	0.544422	1.115	1.115	0.104807	0.730137	-1.36961	0.298195	0.825858	-1.21086	0.910084	1.02025	1.02025	0.98015	1.00442	1.00442	0.186673	1.28193	1.28193	0.138065	1.32754	1.32754	0.781974	0.951969	-1.05045	0.996057	0.999324	-1.00068	1.21696	0.606761	0.443188	1
cg02384251	CTBP1;CTBP1	0.396258	0.551949	0.752242	-1.32904	0.933975	1.03994	1.03994	0.471502	1.4137	1.4137	0.129512	2.16893	2.16893	0.417475	0.675929	-1.47945	0.826663	0.901526	-1.10923	0.0545525	0.3584	-2.79018	0.944135	1.03968	1.03968	0.616577	1.2695	1.2695	1.21695	4.30644	3.14551	1
cg05316703	PLEKHB2;PLEKHB2;PLEKHB2;PLEKHB2	0.396266	0.508213	0.846878	-1.18081	0.494384	1.18747	1.18747	0.519063	1.17569	1.17569	0.790549	1.06813	1.06813	0.29213	0.762892	-1.3108	0.0525873	1.72576	1.72576	0.774096	0.931223	-1.07386	0.361355	1.26154	1.26154	0.337248	0.782728	-1.27758	1.26194	1.18167	0.863128	1
cg09581226	PCDHGB4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA5;PCDHGA12;PCDHGB1;PCDHGB5	0.396268	0.131697	0.447006	-2.2371	0.584515	0.760915	-1.31421	0.985715	0.99118	-1.0089	0.779854	0.870529	-1.14873	0.0976558	0.406875	-2.45776	0.104823	0.41598	-2.40396	0.140524	0.456336	-2.19137	0.224883	0.532177	-1.87908	0.944902	1.03479	1.03479	1.21693	4.71917	3.44704	1
cg19817165	DYRK2;DYRK2	0.396268	0.683652	0.759571	-1.31653	0.496317	0.628984	-1.58987	0.757409	0.812228	-1.23118	0.306785	2.0344	2.0344	0.0870465	2.81281	2.81281	-1.55516	0.623022	0.717071	-1.39456	0.0975277	0.295108	-3.38859	0.341059	1.932	1.932	0.955507	1.03816	1.03816	1.21693	8.68408	6.34315	1
cg17901943	PLB1;PLB1	0.396268	0.585457	0.784686	-1.47961	0.115588	0.465317	-2.14907	0.283531	0.605913	-1.6504	0.0512586	0.370246	-2.70091	0.0325544	0.469747	-2.22495	0.992562	1.0418	1.0418	0.987451	0.992984	-1.00707	0.623336	0.801238	-1.24807	0.459601	0.713862	1.40083	1.21693	3.86242	2.82125	1
cg01103590	LGR5	0.396269	0.336416	0.702483	-1.42352	0.841795	1.07346	1.07346	0.707976	1.14286	1.14286	0.139449	0.565276	-1.76905	0.0809079	0.497821	-2.00875	0.711454	0.876474	-1.14094	0.415294	1.34483	1.34483	0.678124	1.15966	1.15966	0.361091	1.39702	1.39702	1.24205	2.42171	1.51648	1
cg09902291	FAM138;PKD2L2;FAM138;FAM138	0.396272	0.724859	1.17947	1.17947	0.612239	0.808993	-1.2351	0.344169	0.664116	-1.77268	0.89443	1.16398	1.16398	0.0265301	2.09727	2.09727	-1.41533	0.703171	0.835188	-1.19733	0.763466	0.747702	-1.33743	0.207136	0.537202	-1.8615	0.82492	0.82492	1.24068	3.02008	2.10741	1
cg15347189	SST	0.396276	0.145929	0.31067	6.31067	0.924905	1.11768	1.11768	0.853979	1.27085	1.27085	0.458291	0.493247	-2.02722	0.382605	0.61366	-1.62993	0.493274	4.39952	4.39952	0.227298	0.853793	0.804368	-1.24321	0.053965	13.2197	13.2197	0.275339	1.81625	3.81625	1.21691	26.8412	19.606	1
cg07674753	LOC401397;LOC401397	0.396294	0.866389	0.889143	-1.12468	0.974351	0.977816	-1.02269	0.412514	1.79431	1.79431	0.631098	0.71349	-1.40156	0.746343	0.797347	-1.25416	0.843565	0.87122	-1.14782	0.0789152	3.90153	3.90153	0.176298	2.72679	2.72679	0.0851469	3.77413	3.77413	1.21687	9.3834	6.85429	1
cg18603788	METTL7B	0.396296	0.129084	0.467016	-2.10745	0.164437	1.37113	1.37113	?	1.37113	?	0.0974359	0.696277	-1.00374	0.651323	0.761344	-1.31347	0.513483	0.417703	-2.39709	0.162674	0.344362	2.90598	0.501005	1.57332	1.37312	0.946612	0.969389	-1.03158	1.21687	4.15372	3.03417	1
cg14995562	CSNK1E;CSNK1E	0.396297	0.310716	0.582479	-1.7168	0.225568	1.92665	1.92665	0.632076	0.799746	-1.28219	0.844928	0.90402	-1.10617	0.363544	0.618064	-1.61796	0.65061	0.790616	-1.26484	0.0470949	0.31011	-3.22466	0.23516	0.526692	-1.89864	0.913364	1.05631	1.05631	1.21687	5.11704	3.73786	1
cg02389094	MAVS	0.397193	0.152004	0.615434	1.62498	0.0726124	0.512526	1.52526	0.563702	0.761351	1.56346	0.0441753	0.561911	1.56346	0.0441753	0.664848	1.5178	0.434243	1.7096	1.7096	0.0824907	0.925479	1.1244	1.1244	0.132449	0.821507	1.22728	0.71686	0.974895	0.954519	1.21687	1.54169	1.13	1
cg11151314	INPP5A;INPP5A;ATP6V1G2;NFKBIL1;NFKBIL1;A	0.3963	0.526154	1.90764	1.90764	0.146094	0.208258	-4.80174	0.161026	0.221937	-4.50578	0.425295	2.2675	2.2675	0.677695	0.656872	-1.52237	0.479683	2.0596	2.0596	0.597025	1.71	1.71	0.833528	0.809261	-1.2357	0.140868	4.91678	4.91678	1.21686	19.4864	14.2344	1
cg10798764	TP6V1G2;NFKBIL1;ATP6V1G2	0.396304	0.830605	1.06162	1.06162	0.878745	0.759558	-1.72456	0.971218	0.98898	-1.01012	0.848832	1.26592	1.26592	0.158706	0.910779	-1.09796	0.898717	0.96508	-1.03616	0.0843551	0.586848	-1.70402	0.423575	0.796013	-1.25626	0.377991	1.28722	1.28722	1.21685	1.50158	1.09687	1
cg22352434	EIF3G	0.396306	0.864277	1.14932	1.14932	0.623155	0.668302	-1.49613	0.176983	0.311191	-3.21346	0.912947	1.09303	1.09303	0.138074	0.272828	-3.66531	0.0854397	0.212968	-4.69555	0.103128	0.234502	-4.26435	0.758978	1.28446	1.28446	0.53241	0.597857	-1.67264	1.21685	12.7524	9.31543	1
cg13630876	MTMR15	0.396309	0.605046	0.875164	1.14302	0.432429	0.728128	-1.48186	0.592906	0.7479	-1.33708	0.634487	1.4199	1.4199	0.0139757	2.49332	2.49332	-1.40552	0.667121	0.722811	-1.38407	0.424039	0.956533	-1.04567	0.949317	1.05369	1.05369	0.844717	1.17625	1.17625	1.21684	5.83403	4.60987	1
cg15293629	ZAK;ZAK	0.396309	0.580056	0.752797	-1.32838	0.257762	0.541615	-1.84633	0.336143	0.673555	1.67355	0.546541	1.37277	1.37277	0.201312	0.580413	-1.72291	0.264154	0.546434	-1.83005	0.0854275	0.372593	-2.68389	0.282602	0.560049	-1.78556	0.640545	1.27657	1.27657	1.21684	5.19581	3.79548	1
cg12964210	SNED1	0.396317	0.327096	0.640735	-1.56071	0.659692	0.822853	-1.21528	0.253878	0.59199	-1.68922	0.558259	1.29758	1.29758	0.397183	0.682683	-1.46442	0.418385	0.695002	-1.43884	0.0255216	0.311071	-3.2147	0.847266	1.08855	1.08855	0.609742	0.797306	-1.25422	1.21682	3.71105	2.72553	1
cg07215407	RNMS3	0.396318	0.149602	0.755164	1.32403	0.0722128	0.418186	2.39206	0.0974013	0.39293	-2.54655	0.0974013	0.39293	-2.54655	0.0974013	0.39293	-2.54655	0.868966	1.03661	1.03661	0.216642	0.753404	1.32733	1.32733	0.299145	3.34241	1.15202	1.15202	1.21682	1.26411	0.521487	1.15202	0.914378	0.667809	1
cg07444554	NR2G;NR2G;NR2G;NR2G	0.396322	0.222671	0.45603	-2.19284	0.0927352	0.10641	3.10641	0.105213	2.59848	2.59848	0.654943	0.7591	-1.31735	0.69418	0.784953	-1.27396	0.552093	0.691704	-1.44571	0.513769	1.5042	1.5042	0.764052	1.20256	1.20256	0.817006	1.1526	1.1526	1.21681	7.23533	5.28546	1
cg04838864	ZNF653	0.396331	0.1808982	0.73043	-1.36898	0.949874	0.965053	1.03581	0.882742	0.931383	-1.07348	0.93081	1.69801	1.69801	0.0453769	0.566067	-1.76711	0.914813	1.2437	1.2437	0.505708	1.1641	1.1641	0.601071	0.888068	-1.12604	0.548867	0.807217	1.23883	1.21679	0.807719	0.562782	1
cg14208133	DIS3L2	0.396333	0.621818	0.909792	-1.09915	0.0328072	0.622026	-1.60765	0.528491	0.885662	-1.1291	0.799643	0.952793	-1.04955	0.882513	0.972274	-1.02852	0.36763	0.838651	-1.19239	0.198348	1.29495	1.29495	0.517676	0.882753	-1.13282	0.475202	0.871043	1.14805	1.21678	0.6967	0.508955	1
cg04521279	ARAP1;ARAP1;ARAP1	0.396342	0.589967	1.10896	1.10896	0.12731	0.730748	-1.36809	0.825268	0.958836	-1.04293	0.691281	0.926926	-1.07884	0.201033	0.773586	-1.29268	0.074137	0.685204	-1.45942	0.285254	1.23491	1.23491	0.791497	0.950878	-1.05166	0.757768	0.942885	-1.06057	1.21677	0.696457	0.508785	1
cg13849232	NACC2	0.396351	0.273155	1.13167	1.13167	0.0752004	0.354435	1.83088	0.147875	0.97542	-1.03295	0.933188	1.43327	1.43327	0.0154522	1.43206	1.43206	0.410014	1.13554	1.13554	0.448151	1.37752	1.37752	0.124538	1.87677	1.87677	0.13392	1.84398	1.84398	1.21675	2.76162	2.01749	1
cg09821701	KLHDC4	0.396352	0.166877	0.483474	-2.06837	0.46528	0.693181	-1.44262	0.991561	1.00523	1.00523	0.603551	0.772317	-1.2948	0.0850075	0.391796	-2.55235	0.122019	0.43756	-2.2854	0.350408	0.622516	-1.60638	0.0783813	0.381274	-2.62279	0.399267	0.653404	-1.53045	1.21674	4.68644	3.42367	1
cg20136426	RWDD4A;C4orf41;C4orf41;RWDD4A	0.396353	0.75175	1.18706	1.18706	0.607007	1.14742	1.14742	0.657162	0.888343	-1.12569	0.679474	1.11642	1.11642	0.0149481	1.91448	1.91448	0.570208	0.858326	-1.16492	0.0110397	0.474906	-2.10568	0.127136	0.158802	0.847234	-1.18011	0.14272	0.35386	0.898074	1		

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1257 vs. N)	Fold-Change(1 vs.1257)	p-value(1347 vs. N)	Fold-Change(1 vs.1347)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	F(Error)
	NCRNA00081;NCRNA00081;NCRNA000																								
cg22605641	B1;NCRNA00081;SHOC2;NCRNA000B1	0.396848	0.750702	0.928004	-1.07605	0.423877	1.20835	1.20835	0.05	1.67848	1.67848	0.653384	0.900559	-1.11042	0.17917	1.39186	1.39186	0.812743	1.05653	1.05653	0.608404	1.1272	1.1272	0.340265	0.752093	-1.32962	0.725524	1.0851	1.0851	1.12563	1.03368	0.755847	1
cg23666930	C21orf91;C21orf91;C21orf91	0.396858	0.162383	0.680551	-1.4694	0.132543	0.657845	-1.52011	0.46813	0.82657	-1.20982	0.283738	0.950251	-1.33289	0.752284	0.921549	-1.08513	0.194433	0.703148	-1.42501	0.142222	0.565595	1.77	0.89321	-1.11956	0.0629561	0.582896	-1.71557	1.21561	1.28169	0.93721	1
cg26924025	C11orf1;FOXAC1	0.396862	0.04063672	0.226689	-4.49057	0.982331	0.14125	0.10425	0.251933	2.13928	2.13928	0.479828	1.2253	1.2253	0.53844	1.48553	1.48553	0.865431	1.11379	1.11379	?	?	?	0.891366	0.916835	-1.09071	0.428913	1.6705	1.6705	1.07232	0.87922	0.5838	1
cg26558166	GPC4;GPC4	0.396875	0.150609	0.0956162	-10.4585	0.850627	0.750323	-1.35276	0.877037	0.788842	-1.26608	0.223615	0.2159	0.70159	0.731641	0.68961	1.45044	0.0445769	0.0297729	-33.5876	0.79959	1.47347	1.47347	0.822646	0.710304	-1.40785	0.810821	0.693932	1.44106	1.21557	44.6957	32.6839	1
cg04740941	KLHDC5	0.396876	0.887212	1.03558	1.03558	0.0903953	1.58364	1.58364	0.136735	1.48433	1.48433	?	?	?	0.657593	0.895919	-1.11617	0.856	0.956232	-1.04577	0.180379	0.704353	-1.41974	0.844964	1.04942	1.04942	0.992004	0.997534	-1.00247	1.21029	1.03428	0.854568	1
cg15063755	CA52;LCA52;I	0.396878	0.798349	0.93821	-1.06586	0.278048	0.927204	0.914351	0.105651	0.644048	0.644048	-1.55268	0.27849	1.32373	1.32373	0.0906774	0.628824	1.59027	0.53926	0.856674	-1.16751	0.546136	0.858971	-1.16418	0.937509	1.07901	1.27901	1.27901	0.863208	1.04452	1.04452	1.21556	1.19248	0.872013	1
cg17239103	CCDC19	0.396883	0.474525	1.40056	1.40056	0.572353	1.30247	1.30247	0.117786	2.19628	2.19628	0.964808	1.05698	1.05698	0.29428	2.04148	2.04148	1.65522	0.54248	0.752566	-1.32879	0.172366	1.95966	1.95966	0.660586	1.22752	1.22752	0.109254	2.24544	2.24544	1.2555	4.13036	3.02039	1
cg07388848	PCSK6;PCSK6;PCSK6;PCSK6	0.396883	0.825939	1.09361	1.09361	0.0920011	2.1246	2.1246	0.977344	0.988529	-1.0116	0.0899353	0.467956	-2.13695	0.289297	1.56342	1.56342	0.592949	1.24511	1.24511	0.332112	1.50157	1.50157	0.979691	0.989712	-1.0104	0.5232014	1.30166	1.30166	1.21555	3.17767	2.32372	1
cg06464124	PDGFA;PDGFA	0.396889	0.556856	1.84807	-1.17006	0.775042	1.07358	1.07358	0.154224	1.07358	1.07358	0.54226	1.56266	-1.50907	0.488708	1.23496	1.23496	0.317426	0.508368	1.96686	-1.12976	0.337202	0.761201	1.31371	0.183526	1.63394	1.63394	1.63394	0.932729	1.29837	0.960649	1.0137	1.0137	1.21553	1.46404	1.07062	1
cg07167946	IRX4	0.396901	0.943622	0.924288	-1.08191	0.779356	1.36705	1.36705	0.565163	1.91035	1.91035	0.814848	0.58131	0.134653	0.022771	6.02271	6.02271	0.87194	0.838519	-1.19672	0.665693	1.62241	1.62241	0.0536098	11.4718	11.4718	0.953368	0.936974	-1.06727	1.21551	23.8562	17.4458	1
cg03186972	ANKRD16;FBXO18;ANKRD16;ANKRD16	0.396908	0.702357	0.926115	-1.07978	0.920093	0.980141	-1.02026	0.543614	1.13077	1.13077	0.421036	1.1786	1.1786	0.442075	1.16964	1.16964	0.0286037	0.596736	-1.67578	0.624225	1.10374	1.10374	0.514415	1.1413	1.1413	0.759696	1.06325	1.06325	1.21549	0.769338	0.562615	1
cg17357479	GLT25D2 TADA2A;TADA2A;ACACA;TADA2A;ACA	0.39692	0.617534	0.91026	-1.09859	0.724817	1.06824	1.06824	0.228015	1.26658	1.26658	0.291185	1.227	1.227	0.765505	1.05745	1.05745	0.410504	0.854544	-1.17021	0.177809	0.765329	1.30663	1.309554	1.10401	1.10401	1.0972509	1.40481	1.40481	1.21547	0.671489	0.49107	1
cg25417551	CA,TADA2A,TADA2A	0.396932	0.214404	0.886499	-1.12803	0.207177	1.13044	1.13044	0.684837	1.03833	1.03833	0.546235	0.94527	-1.0579	0.847196	0.982376	-1.01794	0.223285	0.888748	-1.12518	0.384418	0.921089	-1.08567	0.221095	1.12587	1.12587	1.02886	1.10194	1.10194	1.21544	0.163535	0.119598	1
cg08846852	USP4;USP4;C3orf62	0.396933	0.221178	0.529698	-1.88787	0.462741	0.918118	-1.4468	0.439685	1.4761	1.4761	0.217377	0.526633	-1.89886	0.255532	0.556247	-1.79776	0.240819	0.545136	-1.8344	0.055728	0.345437	-2.89498	0.097619	0.938373	-1.06567	0.359723	0.62795	-1.59248	1.21544	4.69984	3.43714	1
cg08885497	AGAP1;AGAP1	0.396948	0.810643	0.88142	-1.13466	0.526208	0.702052	-1.42464	0.937868	0.957968	-1.04388	0.550614	1.38965	1.39461	0.177434	0.454057	-2.20237	0.261879	0.524964	-1.90489	0.138018	0.415871	-2.40459	0.048026	0.288027	-3.47189	0.893432	0.928832	-1.07662	1.2154	5.84024	4.27127	1
cg04757239	GCK;GCK;GCK	0.396954	0.498046	0.676725	-1.4777	0.72905	0.820862	-1.21823	0.681076	0.79089	-1.2644	0.936727	0.95593	-1.0461	0.025878	0.222768	-4.48898	0.285521	0.532756	-1.87703	0.200304	0.463955	-2.15538	0.172056	0.438146	-2.28234	0.389707	0.606306	-1.64933	1.21539	6.20312	4.53672	1
cg07888692	ZNF362 ATP6V0E2;LOC401431;ATP6V0E2;ATP6	0.396965	0.578802	0.838497	-1.19266	0.202907	0.565461	-1.5254	0.004098	0.656236	1.52384	0.660416	1.03148	1.03148	0.157367	0.647358	-1.5439	0.993365	0.997389	-1.00256	0.153973	1.61774	1.61774	0.157373	1.33124	1.33124	0.764705	1.08894	1.08894	1.21539	1.90145	1.39065	1
cg12022895	VDS2;ATP6V0E2	0.396976	0.532325	1.20711	1.20711	0.194325	0.664569	-1.50473	0.309575	0.731305	-1.36742	0.312515	1.36465	1.364567	0.74847	-1.13606	0.288136	1.38844	1.38844	?	?	?	0.571572	1.18546	1.18546	0.274333	0.712845	-1.40283	1.21006	1.50866	1.24676	1
cg10016208	SFRS14;ARMC6;SFRS14	0.396976	0.99477	0.99906	-1.00094	0.0436838	1.39483	1.39483	0.108652	1.28545	1.28545	0.859256	1.0258	1.0258	0.200496	1.21415	1.21415	0.572604	0.921441	-1.08526	0.481749	1.10806	1.10806	0.46377	1.11295	1.11295	0.583527	1.08269	1.08269	1.21534	0.396383	0.289911	1
cg03081930	CARKD NRG1;NRG1;NRG1;NRG1;NRG1;NRG1;N RG1;NRG1;NRG1;NRG1;NRG1;NRG1;NR	0.396978	0.797149	0.878057	-1.13888	0.182873	2.04132	2.04132	0.065736	2.83648	2.83648	0.735235	0.842515	-1.18692	0.257984	0.551048	-1.81472	0.914773	1.05553	1.05553	0.96206	1.31585	1.31585	0.190007	2.01532	2.01532	0.823018	1.19174	1.19174	1.21534	4.90625	3.5884	1
cg14662728	G1;NRG1;NRG1;NRG1;NRG1	0.396979	0.162255	0.583136	-1.71487	0.311123	0.684693	-1.46051	0.246704	1.54937	1.54937	0.756104	0.893401	-1.1192	0.124241	0.5479	-1.82515	0.61431	0.832211	-1.20162	0.753702	0.892462	-1.1205	0.0977757	0.51861	-1.92823	0.654193	0.849611	-1.17701	1.21534	2.51484	1.83934	1
cg08127462	S100A5	0.396982	0.737241	0.866218	-1.15444	0.264336	0.608603	-1.64249	0.150324	0.518086	-1.93018	0.346662	0.661445	-1.51184	0.0567833	0.398686	-2.50824	0.251211	0.599709	-1.66747	0.183949	0.548161	-1.82428	0.264615	0.609021	-1.64198	0.152351	0.519993	-1.9231	1.21533	3.50146	2.56096	1
cg14750066	PDZRN4	0.396987	0.122743	0.27899	5.27899	0.955343	1.0573	1.0573	0.62583	0.613305	-1.63051	0.685526	0.666967	-1.49932	0.326192	0.364763	-2.74151	0.379977	0.408202	-2.44977	0.717544	0.696585	-1.43537	0.784065	1.31427	1.31427	0.0719926	7.37502	7.37502	1.21532	19.0516	13.9344	1
cg12245912	OSBPL5;OSBPL5;;OSBPL5	0.396989	0.476062	0.8006	-1.24922	0.204547	1.83543	1.83543	0.0525108	1.83543	1.83543	0.0525108	1.83543	1.83543	0.0525108	1.83543	0.0525108	0.494358	0.781201	-1.28004	0.440121	1.82018	1.82018	0.0525108	1.82018	1.82018	0.0525108	1.82018	1.82018	0.0525108	1.82018	0.0525108	1.82018	0.0525108	1.82018	0.0525108	1
cg01767927	RPTOR;RPTOR	0.396992	0.619885	0.893533	-1.11915	0.123423	0.686802	-1.45602	0.111445	0.676823	-1.47749	0.736577	1.07898	1.07898	0.580585	0.881925	-1.13388	0.721791	1.08382	1.0382	0.212717	1.13903	1.13903	0.507194	0.859424	-1.16357	0.228457	0.752327	-1.32921	1.21531	0.975658	0.713607	1
cg09503974	RARRES1;RARRES1	0.396993	0.320464	0.694454	-1.44057	0.566134	0.564141	-1.76487	0.216662	0.564141	-1.76487	0.216662	0.564141	-1.7638	0.216662	0.564141	-1.7638	0.127204	0.181534	-5.50867	0.184864	0.545597	-2.19111	0.788164	0.545597	-2.19111	0.788164	0.545597	-2.19111	0.788164	0.545597	-2.19111	0.788164	0.545597	-2.19111	0.788164	1
cg15655366	PRKCLE1 BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.396993	0.195799	0.458649	-2.18302	0.841892	0.12052	0.12052	0.427998	0.630606	-1.58578	0.861245	0.10482	0.10482	0.313451	0.552101	-1.81126	0.849677	1.11417	1.11417	0.135744	0.400094	-2.49941	0.0999851	2.79263	2.79263	0.70841	0.807301	-1.2387	1.2153	6.24862	4.57033	1
cg09930192	AR1;BCAR1;BCAR1	0.397001	0.157305	0.568507	-1.75899	0.515688	0.563508	-1.7746	0.396702	0.723186	-1.38277	0.310287	0.675671	-1.48001	0.197529	0.714165	-1.40024	0.121029	0.533749	-1.87354	0.217327	0.615892	-1.62366	0.414476	0.73081	-1.36834	0.0613067	0.455054	-2.19754	1.21529	2.68401	1.96315	1
cg22542300	DSP;DSP	0.397007	0.724332	0.944188	-1.05911	0.110471	0.7542	-1.32591	0.0504095	0.606507	-1.43574	0.251682	1.21437	1.21437	0.933603	1.01361	1.01361	0.814019	0.962501	-1.03896	0.631662	0.924653	-1.08149	0.82083	1.03748	1.03748	0.937613	1.01278	1.01278	1.21527	0.526002	0.370318	1
cg00763736	TMCO4	0.397009	0.147773	0.3104	-3.22165	0.0999753	0.5093	0.5093	0.0501	1.18763	1.18763	0.109765	1.07005	1.07005	0.0729038	1.13857	1.13857	0.0930127	0.0700808	-14.2707	0.0407007	1.87281	1.87281	0.31773	1.78667	1.78667	0.26526	1.84475	1.84475	0.31773	1.17667	1.17667	0.26526	1.84475	1.14246	1
cg06507434	CDC42BPG	0.39702	0.0988947	0.148232	-6.74617	0.413511	0.41395	-2.41575	0.657545	0.624554	-1.60114	0.267219	0.295381	-3.38546	0.0473399	0.0912698	-10.9565	0.195473	0.235858	-4.23985	0.302014	0.33835	-2.95552	0.342596	0.356429	-2.80561	0.223354	0.259284	-3.85677	1.21524	21.4245	15.6709	1
cg14135912	WDR20	0.397024	0.777891	0.924257	-1.08195	0.376615	1.28751	1.28751	0.418894	1.25867	1.25867	0.23291	1.4168	1.4168	0.182159	0.674081	-1.4835	0.675718	1.12432	1.12432	0.921303	0.972852	-1.02791	0.0681526	1.76634	1.76634	0.602742	0.863937	-1.15749	1.21523	1.49315	1.09217	1
cg07950252	TMCO7;TCF19	0.397028	0.536535	1.18399	1.18399	0.255409	1.15599	1.15599	0.518464	1.15599	1.15599	0.518464	1.15599	1.15599	0.518464	1.15599	0.518464	0.0301877	0.535053	-1.86936	0.860249	0.957919	-1.04391	0.948061	1.04791	1.04791	0.898631	0.969385	-1.03158	1.21522	1.14554	0.837917	1
cg21184075	ARID4A;ARID4A;ARID4A	0.397032	0.594279	1.32115	1.32115	0.363644	1.62764	1.62764	0.0546601	1.31626	1.31626	1.82937	0.894341	-1.11814	0.0656806	2.96834	2.96834	0.628456	1.28729	1.28729	0.339674	1.66768	1.66768	0.711224	0.824897	-1.21227	0.909589	1.06053	1.06053	1.24022	5.14577	3.22705	1
cg08520225	EPB41L1;EPB41L1;EPB41L1	0.397036	0.357348	0.691257	-1.44683	0.0499964	1.84376	1.84376	0.0511823	1.55394	1.55394	0.141181	0.409642	-2.44107	0.171274	0.583707	-1.71364	0.402618	0.439961	-2.27283	0.0672367	1.82805	1.82805	0.0525108	1.82805	1.82805	0.0525108	1.82805	1.82805	0.0525108	1.82805	0.0525108	1.82805	0.0525108	1.82805	0.0525108	1
cg17278718	C19orf10	0.397041	0.570483	1.33557	1.33557	0.49053	1.42395	1.42395	0.679349	1.23339	1.23339	0.281496	0.568437	-1.75921	0.250106	0.545231	-1.83408	0.084234	0.381356	-2.62222	0.140848	0.449608	-2.22416	0.910655	0.944926	-1.05828	0.664649	1.24619	1.24619	1.2152	4.90175	3.58552	1
cg25756635	ONECUT1	0.397041	0.246043	0.679092	-1.47253	0.106785	0.559834	-1.78624	0.063766	1.00962	1.00962	0.840663	0.955833	-1.04673	0.374352	0.554026	-1.80441	0.970154	0.987749	1.0124	0.640284	0.474353	2.10756	0.197301	0.616144	-1.623	0.54287	0.816347	-1.22497	1.2152	2.08894	1.52862	1
cg06766579	APH1A;APH1A	0.397043	0.436111	1.12171	1.12171	0.1949	1.48053	0.683784	1.11923	1.11923	0.683784	1.11923	1.11923	0.683784	1.11923	0.683784	1.11923	0.0736849	1.72864	1.72864	0.63228	1.1415	1.1415	0.998008	0.999625	-1.00038	0.155805	0.868827	1.15098	1.21519	1.45028	1.06085	1
cg21209020	CDCA4;CDCA4	0.397045	0.467772	1.18547	1.18547	0.541256	1.15306	1.15306	0.0765391	0.635275	-1.57412	0.461591	1.18839	1.18839	0.410355	0.823758	-1.21395	0.226009	1.34014	1.34014	0.74691	0.928145	-1.07742	0.621897	0.891834	-1.12128	0.272127	0.768556	-1.30114	1.21519	1.02065	0.746586	1
cg09121047	LOC339524	0.397046	0.536243	1.15586	1.15586	0.334219	0.616225	-1.62272	0.787089	0.787089	-1.27055	0.787089	0.787089	-1.27055	0.787089	0.787089	-1.27055	0.233315	1.83559	1.83559	0.54497	0.290031	3.44828	0.290031	0.222256	2.22256	0.581339	0.762833	1.3109	1.21514	0.454694	0.33614	1
cg24461669	PSMB9;PSMB9	0.397066	0.377942	1.84087	1.84087	0.36172	0.531301	-1.88217	0.0993076	0.295604	-3.3829	0.532125	0.652546	-1.53246	0.207855	0.408278	-2.44931	0.210063	2.43759	2.43759	0.669016	1.33655	1.33655	0.420912	0.57428	-1.74131	0.86961	1.895099	-1.11719	1.21514	8.75696	6.40582	1
cg09575871	GNG7	0.397069	0.921921	0.939905	-1.06384	0.413444	1.71888	1.71888	0.0909924	0.299345	-3.34606	0.186312	0.403287	-2.47953	0.164135	0.382212	-2.61635	0.357851	1.84519	1.84519	0.547597	1.48326	1.48326	0.795858	0.845385	-1.18289	0.820514	0.8631	-1.15861	1.21513	8.07333	5.9087	1
cg14065885	CNOT4	0.397075	0.1503	0.404575	-2.47135	0.177004	0.3665605	-2.72876	0.0504	0.3665605	-2.72876	0.0504	0.3665605	-2.72876	0.0504	0.3665605	-2.72876	0.0905984	1.59596	1.59596	0.247505	0.763219	-1.30995	0.550068	0.916259	-1.09139	0.950068	0.982067	-1.01826	0.866429	1.04984	1.04984	1.21512	1.60679	0.77541	1
cg03971283	LCAM;LCAM;LCAM	0.397078	0.163166	0.312316	-3.20189	0.281891	0.13182	-7.58609	0.850593	0.862922	-1.15885	0.631446	1.45918	1.45918	0.568293	0.637065	-1.5697	0.206386	0.352730	-2.83496	0.702894	0.755419	-1.32377	0.492689	0.579987	-1.72418	0.658729	0.706437	-1.41555	1.21511	11.7641	8.60576	1
cg16004800	NDUFA9	0.397079	0.270759	0.607153	-1.64677	0.0499753	1.32585	1.32585	0.0562	1.47625	1.47625	0.47622	1.19411	1.19411	0.136071	0.837701	-1.19398	0.725179	1.33897	1.33897	0.746533	0.731579	1.36693	0.731579	0.733097	1.36395	0.746391	0.970819	1.03063	1.21509	1.03063	0.753004	1
cg18632843	COMMD8	0.397079	0.150533	0.728447	-1.37278	0.606707	0.898734	-1.11268	0.230789	1.29496	1.29496	0.496262	1.15263	1.15263	0.479684	1.15921	1.15921	0.576399	0.890433	-1.12305	0.141359	0.722377	-1.38432	0.945173	1.01424	1.01424	0.225289	0.769622	-1.29934	1.21511	0.813615	0.595184	1
cg07084184	GRID2IP	0.397077	0.975277	1.00753	1.00753	0.542563	0.863313	-1.16102	0.863482	0.960952	-1.04064	0.464478	1.19761	1.19761	0.454626	0.82441	-1.21299	0.736493	0.921454	-1.08524	0.0258875	0.526951	1.89751	0.527853	0.736973	-1.35779	0.364664	0.798141	-1.25291	1.2151	1.12899	0.825898	1
cg25022687	GFRA1;GFRA1;GFRA1;GFRA1	0.397085	0.814791	0.960507	-1.03193	0.586126	0.929005	-1.07642	0.360082	0.881582	-1.13432	0.712828	0.951688	-1.05076	0.180115	1.21007	1.21007	0.830886	0.92006	1.02906	0.138209	0.807505	-1.23838	0.104138	1.2687	1.2687	0.740142	0.956395	-1.04559	1.21509	0.345292	0.252596	1
cg23457755	MYT1L	0.397091	0.874379	0.956173	-1.04584	0.6901	0.892681	-1.12022	0.156306	0.650796	-1.53658	0.308661	1.34778	1.34778	0.379192	1.29117	1.29117	0.582474	1.17032	1.17032	0.0592118	1.82825	1.82825	0.773941	0.921664	-1.08499	0.73376	0.907823	-1.10154	1.2508	1.54411	1.12958	1
cg21288507	PRDM2;PRDM2;PRDM2;PRDM2	0.3971	0.533537	1.19104	1.19104	0.375614	0.759604	-1.31649	0.243215	0.896496	-1.27854	0.240628	1.74508	1.74508	0.184422	0.781931	-1.27931	0.359848	2.22758	2.16793	0.607074	1.93597	0.516482	1.93597	0.663582	1.5072	0.55432	0.955432	1.21351	1.2508	2.93629	2.09206	1.53106	1.51206	0.55106	1
cg12078833	GPR20	0.397101	0.601057	0.770765	-1.29741	0.352645	0.6029	1.6029	0.125426	2.26707	2.26707	0.507518	0.717619	-1.3935	0.188121	0.502431	-1.99032	0.214509	0.90582	1.90582	0.388911	1.54482	1.54482	0.488291	0.706472	-1.41548	0.736089	1.18169	1.18169	1.21506	4.6871	3.42888	1
cg05362168	FAM65A	0.397111	0.981602	0.91819	-1.08918	0.748024	0.47343	-2.11274	0.946342	1.0442	1.0442	0.188309	0.886812	-1.12752	0.148549	0.78973	-1.26633	0.453783	0.415386	-2.40563	0.0824769	0.45309	-2.20563	0.0824769	0.450154	-2.22104	0.0824769	0.508885	-1.96533	1.21503	0.70912	0.524807	1
cg10206344	TGFB1I1;TGFB1I1;TGFB1I1	0.397119	0.80895	0.545282	-1.83391	0.974843	0.985665	-1.01454	0.848616	1.09144	1.09144	0.255979	0.581029	-1.72109	0.424408	0.688295	-1.45287	0.67169	1.822668	-1.21556	0.0528255	0.365032	-2.73949	0.0951554	0.431884	-2.31543	0.284212	0.600859	-1.66428	1.2502	1.03449	2.95157	1
cg03180980	CPEB1;CPEB1;;CPEB1	0.397121	0.563397	0.921759	-1.08488	0.0618975	0.745856	-1.34074	0.489134	1.10296	1.10296	0.65006	0.938287	-1.06577	0.355691	0.14168	-7.14168	0.740843	1.04718	1.04718	0.438886	0.823548	-1.21426	0.651525	1.06546	1.06546	0.293101	0.858953	-1.16421	1.21501	0.374298	0.273832	1
cg27105598	PARD3B;PARD3B;PARD3B	0.397135	0.625421	1.14056	1.14056	0.707242	1.545015	1.54481	0.0804065	1.56365	1.56365	0.79738	0.612853	1.17225	1.17225	0.394803	1.53163	1.53163	0.316569	0.8555	1.16846	1.28707	1.70158	1.4084	0.754179	1.33803	1.22499	1.86674	1.36571	1
cg19522644	KIAA0802	0.397142	0.818014	0.835734	-1.19655	0.0292313	1.38992	1.38992	0.104113	1.98846	1.98846	0.850087	0.863022	-1.15872	0.958471	0.960269	-1.04138	0.660716	1.41041	1.41041	0.96389	0.965272	-1.03598	0.941776	0.944717	-1.05852	0.805426	0.825182	-1.21185	1.21497	1.16638	0.85343	1
cg05560652	WDR66	0.397144	0.879091	0.880921	-1.1275	0.142004	1.08092	-1.47112	0.479358	1.08092	-1.47112	0.479358	1.08092	-1.47112	0.479358	1.08092	-1.47112	0.672037	0.749453	-1.3988	0.0435693	1.33005	1.33005	0.0525108	1.33005	1.33005	0.0525108	1.33005	1.33005	0.0525108	1.33005	0.0525108	1.33005	0.0525108	1.33005	0.0525108	1
cg05817517	CSMD2	0.397146	0.67523	1.08661	1.08661	0.107563	0.707366	-1.4137	0.47936	1.15516	1.15516	0.583165	0.896559	-1.11538	0.313335	0.820715	-1.21845	0.494648	1.14649	1.14649	0.0937765	1.14803	1.14803	0.684404	0.922605	-1.08389	0.756597	1.06321	1.06321	1.24496	0.747753	0.547071	1
cg27235218	CTBP1;CTBP1	0.397148	0.746016	1.10733	1.10733	0.17735	1.5679	1.5679	0.0696292	1.88992	1.88992	0.119176	0.588321	-1.69975	0.943289	1.02257	1.02257	0.677229	0.876945	-1.14032	0.902916	1.03902	1.03902	0.643885	1.15723	1.15723	0.789962	1.08735	1.08735	1.21496	1.89346	1.3853	1
cg13540312	FOXC1	0.397151	0.564287	1.15214	1.15214	0.359574	2.92698	2.92698	0.0893428	2.3202	2.3202	0.421435	1.04432	1.04432	0.215122	4.64431	4.64431	0.603795	1.12912	1.12912	0.428413	1.42734	1.42734	0.471305	1.38057	1.38057	0.872299	0.931651	-1.07336	1.21495	1.2571	0.72684	1
cg22303699	FRAS1	0.397154	0.365537	1.26639	1.26639	0.328004	0.774164	-1.29172	0.908446	1.002565	1.002565	0.402351	1.24321	1.24321	0.330795	1.29034	1.29034	0.696611	0.905259	-1.10466	0.849332	1.62243	1.62243	0.190125	0.702934	-1.42261	0.787552	1.933685	-1.07303	1.24194	1.24167	0.908443	1
cg19

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(5477 vs. N)	Fold-Change(5477 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5577 vs. N)	Fold-Change(5577 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg17602591	DTNB;DTNB;DTNB;DTNB;DTNB	0.397521	0.963801	0.99312	-1.00691	0.381259	1.16884	1.16884	0.237738	0.806655	-1.23969	0.451769	0.875839	-1.14176	0.565091	0.903904	-1.10631	0.045413	0.672127	-1.48983	0.425441	1.15151	1.15151	0.603364	1.09506	1.09506	0.537913	0.807314	1.11444	1.12412	0.580326	0.424872	1
cg22301664	C6orf221	0.397522	0.463192	0.7979112	-1.25327	0.392605	0.767374	1.303115	0.599885	0.852121	-1.17354	0.855992	1.05646	1.05646	0.158964	0.63435	-1.57642	0.699347	0.889294	-1.12449	0.144559	0.622626	-1.60609	0.0547655	0.517557	-1.93215	0.125159	0.605429	1.65172	1.26412	1.75761	1.28679	1
cg17568534	RHOXF2;RHOXF2	0.397522	0.327527	1.67098	1.67098	0.6672987	2.833553	2.833553	0.825737	1.11852	1.11852	0.590404	0.7588	-1.31787	0.889138	1.07342	1.07342	0.0555192	3.0111	3.0111	0.752039	1.1747	1.1747	0.915867	1.05514	1.05514	0.642087	0.78839	-1.26841	1.24142	4.96161	3.63253	1
cg12551233	PTPRN2;PTPRN2;PTPRN2	0.397523	0.550818	1.48815	1.48815	0.951774	1.04069	1.04069	0.849214	1.13356	1.13356	0.8263879	1.176528	-1.56482	0.500501	1.56897	1.56897	0.39684	1.77077	1.77077	0.534787	1.51293	1.51293	0.625969	0.723583	-1.38201	0.830712	1.15164	1.15164	1.24411	0.834228	0.61762	1
cg08844490	SHANK3	0.397527	0.91951	0.966236	-1.03494	0.105361	1.82438	1.82438	0.087634	1.897758	1.89758	0.473044	0.780365	-1.28145	0.396335	0.744418	-1.34333	0.661217	0.860837	-1.16166	0.46644	1.28639	0.518124	0.800409	-1.24936	0.687566	0.871641	-1.14726	1.24111	2.220334	1.62559	1
cg02096131	SYNE1;SYNE1	0.397532	0.424364	0.739231	-1.35276	0.766197	0.895358	-1.11687	0.07265	2.1083	2.10083	0.429231	1.1474	-1.34867	0.148821	0.563331	-1.77522	0.4938838	0.772942	-1.29376	0.453957	0.753731	-1.32677	0.342116	0.695715	-1.43737	0.74015	1.1313	1.1313	1.21409	2.64187	1.93422	1
cg11524974	RORA	0.397532	0.708279	0.843233	-1.18591	0.429612	0.693664	-1.44162	0.430305	0.694061	-1.44079	0.457943	1.409	1.409	0.504951	0.735717	-1.35922	0.739615	0.859578	-1.16336	0.659563	0.817825	-1.22275	0.0307698	3.16102	3.16102	0.872006	1.07589	1.07589	1.21409	3.95717	2.89721	1
cg06309091	BCL2L14;BCL2L14;BCL2L14	0.397538	0.943876	1.03808	1.03808	0.8390558	0.877156	-1.16504	0.3245646	1.1251	1.1251	0.591981	1.3227	1.3227	0.534646	1.3963	1.3963	0.373622	1.62391	1.62391	0.0287592	3.91226	3.91226	0.0968839	2.63106	2.63106	0.996334	1.00245	1.00245	1.21408	5.41877	3.96755	1
cg20312475	GPHC5B	0.397542	0.772179	1.17614	1.17614	0.020085	4.79425	4.79425	0.669216	1.27148	1.27148	0.976273	0.983517	-1.01676	0.599694	1.34443	1.34443	0.530952	0.701385	-1.42575	0.807694	1.14601	1.14601	0.302405	1.81676	1.81676	0.324421	1.76601	1.76601	1.07407	0.60542	4.3969	1
cg05240381	NADSYN1	0.397543	0.88987	0.974108	-1.02658	0.733427	1.06687	1.06687	0.76918	0.945807	-1.0573	0.526492	1.12921	1.12921	0.443693	1.15936	1.15936	0.292895	0.81334	-1.2295	0.0257405	0.60562	-1.6512	0.843866	0.963351	-1.03804	0.807968	1.04719	1.04719	1.21407	0.689381	0.504734	1
cg07539018	ANTXR2;ANTXR2	0.397545	0.148304	1.57216	1.57216	0.0001	0.777774	-1.28574	0.283761	0.722703	-1.38369	0.285456	0.727599	-1.37455	0.15498	0.637852	-1.5587	0.962168	1.03191	1.03191	0.843886	1.05356	1.05356	0.169017	0.850386	1.18023	0.0198285	0.672675	1.4866	1.24106	1.63523	1.19725	1
cg16148674	RRAS2;RRAS2	0.397549	0.667304	0.685876	-1.45799	0.310469	1.21288	1.21288	0.862867	0.969934	-1.031	0.830415	0.961325	-1.04023	0.387295	0.849621	-1.177	0.796074	1.04878	1.04878	0.121991	0.734727	-1.36105	0.953825	0.10171	0.0171	0.433661	1.15827	1.15827	1.21406	0.650282	0.476113	1
cg04875971	HCN2	0.397549	0.277085	1.57947	1.57947	0.719802	1.15657	1.15657	0.177248	1.78438	1.78438	0.782187	1.11841	1.11841	0.684658	1.17024	1.17024	0.0594322	0.429518	-2.16118	0.888163	0.944766	-1.05846	0.635713	1.2125	1.2125	0.38223	0.606385	-1.43599	1.12406	3.15511	2.29541	1
cg10872212	KLHDC8B	0.397557	0.550293	1.502963	-1.10746	0.104617	0.714915	-1.39877	0.312077	1.13405	1.13405	0.840761	1.03879	1.03879	0.693238	1.07789	1.07789	0.604899	0.905976	-1.10378	0.180987	0.764368	-1.30827	0.210414	0.779044	-1.28362	0.102294	0.712997	-1.40253	1.21404	0.688222	0.503899	1
cg08260760	ATRN;ATRN	0.397559	0.223344	1.23517	1.23517	0.423268	1.14456	1.14456	0.75865	0.950388	-1.0522	0.724198	0.96801	1.06023	0.11037	0.752683	-1.32858	0.681668	1.07046	1.07046	0.274077	0.828716	-1.20609	0.177319	1.26705	1.26705	0.619573	0.920703	-1.08613	1.24003	0.523987	0.383652	1
cg10908272	ZNF598	0.397564	0.328542	1.708777	-1.25191	0.427317	1.19789	1.19789	0.434659	1.19347	1.19347	0.996375	0.998989	-1.00101	0.772113	1.06683	1.06683	0.445471	1.18454	1.18454	0.0210961	1.82619	1.82619	0.597102	1.1005	1.1005	0.12402	0.954434	0.954434	1.21406	0.698753	1.93422	1
cg12116192	SCARA5	0.397573	0.912722	0.917773	-1.08959	0.151585	1.32807	1.32807	0.661269	0.708182	-1.41207	0.578256	1.55193	1.55193	0.202285	0.348694	-2.86784	0.182325	0.330319	-3.02738	0.185747	0.333519	-2.99833	0.508303	0.646319	-1.54722	0.453554	1.8176	1.8176	1.214	11.7758	8.62217	1
cg08532999	ZNF644;ZNF644;ZNF644	0.397574	0.189329	0.453459	-1.53032	0.250365	0.906898	-1.10266	0.14597	0.626099	-1.61266	0.315588	0.757781	-1.37783	0.548142	1.20449	1.20449	0.105441	0.581843	-1.71868	0.627812	0.860276	-1.16134	0.743511	1.10575	1.10575	0.328311	1.36194	1.36194	1.214	1.80223	1.31959	1
cg00749198	MAD1L1;MAD1L1;MAD1L1	0.397576	0.371551	1.4123423	-1.36786	0.910221	0.899447	-1.11179	0.747495	1.35457	1.35457	0.482391	0.955775	0.0411077	0.10925	-1.55133	0.671974	1.49205	1.49205	0.493999	0.520714	-1.92044	0.206696	0.161854	-2.76355	1.214	16.9713	12.4264	1
cg12138678	EPST1;LPST1	0.397584	0.857866	0.895072	-1.11723	0.664396	0.763437	-1.30987	0.548443	0.686957	-1.4557	0.117491	0.349477	-2.86142	0.377518	0.571253	-1.75054	0.230813	0.459651	-2.17556	0.6040331	0.276093	-3.62197	0.732452	0.802095	-1.24674	0.292263	1.96535	1.96535	1.21398	7.35166	5.38297	1
cg20991082	TSC2;TSC2;TSC2;D3	0.397588	0.080810	0.366268	-2.73204	0.111224	0.649494	-1.54004	0.2139	0.529283	-1.88993	0.288127	0.880327	-1.1362	0.226025	0.537117	-1.8618	0.10266	0.395093	-2.5251	0.288211	0.571564	-1.74959	0.543068	0.795091	-1.3955	0.837316	1.11255	1.11255	1.21397	0.173883	0.788366	1
cg24369466	SLC44A4	0.397593	0.285572	1.24135	1.24135	0.196403	0.766235	-1.30508	0.734012	0.953702	-1.04893	0.662504	1.0576	-1.05372	0.160872	0.460856	1.1576	0.0176372	0.160218	-6.24157	0.0012324	0.147467	1.47467	0.147467	0.748575	0.93924	-1.06469	0.169781	1.30219	0.561976	1.12108	1.12108	0.666783	1.0881	1.0881	1.21396	0.730554	0.534916	1
cg13370819	DOK3;DOK3	0.397601	0.175597	0.647273	-1.54504	0.289317	1.19506	1.19506	0.0866	1.28486	1.28486	0.0852683	1.16837	1.16837	0.0129729	1.24562	1.24562	0.0802811	0.0129729	-77.0497	0.0129729	0.0129729	-77.0497	0.0129729	0.0800938	0.804956	-1.24255	0.0129729	-77.0497	0.0129729	-77.0497	0.0129729	-77.0497	0.0129729	-77.0497	0.0129729	-77.0497	1.21396	0.709033	0.534916	1.09065	1.09065	0.841827	0.709033	1.09065	0.841827	0.709033	1.09065	0.841827	0.709033

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(347T vs. N)	Fold-Change(1 vs.347T)	p-value(347T vs. N)	Fold-Change(1 vs.347T)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. N)	Fold-Change(5 p-value(563T vs. N)	Fold-Change(5 p-value(563T vs. N)	Fold-Change(5 T(Test)	SS(Test)	SS(Error)	F(Error
cg00628985	TRIM39;HCG18;HCG18;TRIM39	0.398035	0.855174	1.09396	1.05996	1.056164	1.15352	1.15352	0.699053	0.8835443	-1.13181	0.912383	1.0357	1.0357	0.650401	1.15652	-1.15652	0.2226586	1.666635	-1.50007	0.662201	1.15035	1.15035	0.8013656	0.510789	-1.95776	0.1494666	1.63656	1.63656	1.21297	1.95144	1.43006	1
cg21205305	C19orf76;C19orf76	0.398036	0.565736	0.800712	-1.24889	0.885757	1.05658	1.05658	0.0467469	2.39072	2.390572	0.537058	1.270312	1.270312	0.540564	1.401012	-1.40102	0.2442401	1.59424	1.59424	0.304785	1.50204	1.502204	0.760499	0.880551	-1.12416	0.1787292	1.727691	1.727691	1.72697	2.8152	2.06304	1
cg15518113	CD247;CD247	0.398038	0.116186	0.294938	-3.39055	0.746	0.792598	-1.26167	0.692393	0.75249	-1.32892	0.660018	0.728636	-1.37243	0.226204	0.403004	-2.48136	0.2862598	0.452976	-2.20762	0.076941	0.2449565	-4.08221	0.2909552	2.18963	2.18963	0.456981	0.581732	-1.71901	0.126996	9.8255	7.20038	1
cg09776461	CNTNAP1	0.398041	0.526002	0.774818	-1.29063	0.384616	0.70188	-1.42474	0.197152	1.73855	1.73855	0.690451	1.172231	1.172231	0.224725	0.602632	-1.65939	0.3556684	0.6857	-1.45853	0.414526	0.738025	-1.35271	0.0688533	0.445461	-2.24487	0.0026555	0.952568	-1.04979	0.71296	3.02993	2.22042	1
cg21727214	SCARNA16;C17orf86	0.398042	0.383589	0.790554	-1.26494	0.056797	0.56716	-1.76317	0.104199	0.626709	-1.59564	0.18561	0.691237	-1.4466	0.743238	0.917167	-1.09031	0.36309	0.782015	-1.27875	0.994689	1.00175	1.00175	0.934667	0.978664	-1.0218	0.550831	1.17205	1.17205	1.21295	1.32928	0.97414	1
cg07354679	CACNA1H;CACNA1H	0.398043	0.961524	0.98391	-1.01635	0.0589619	2.0633	2.0633	0.342206	1.38966	1.38966	0.660457	1.160251	1.160251	0.198008	0.6328308	-1.58008	0.3040579	1.42975	1.42975	0.431727	1.30972	1.30972	0.303464	1.43101	1.43101	0.871647	0.940783	-1.05587	0.41295	2.17195	1.59168	1
cg25589016	ZNF845	0.398047	0.899826	1.03915	1.03915	0.225869	1.47375	1.47375	0.202645	1.50704	1.50704	0.457445	0.793943	-1.25954	0.273044	0.706204	-1.41602	0.7385536	0.902893	-1.10755	0.223531	1.47693	1.47693	0.356185	0.74872	-1.33561	0.2785229	0.709223	-1.40999	1.21294	1.78626	1.30904	1
cg13885201	ZNF23	0.398051	0.325014	1.09107	1.39107	0.632883	0.919376	-1.07099	0.726816	1.12065	1.12065	0.866437	1.192262	1.192262	0.424689	0.767353	-1.30315	0.801016	0.921255	-1.08546	0.160404	0.614448	-1.62748	0.944637	0.977697	-1.02281	0.1372223	1.39904	1.39904	1.21293	2.02625	1.44492	1
cg19304063	FAIM3	0.398053	0.61733	1.19275	1.19275	0.626629	0.859711	-1.16318	0.6154	1.16318	1.16318	0.6504645	1.401012	1.401012	0.74868	1.11905	-1.11905	0.0286399	2.46798	2.46798	0.155141	1.70291	1.70291	0.279293	1.4823	1.4823	0.533339	1.24703	1.24703	1.21293	2.35209	1.72371	1
cg16278728	SH2B3	0.398055	0.841603	0.924961	-1.08113	0.0226675	2.89692	2.89692	0.18349	1.7335	1.7335	0.877968	1.06173	1.06173	0.283682	1.54375	1.54375	0.667702	1.18337	1.18337	0.315327	1.49893	1.49893	0.678853	1.17622	1.17622	0.600774	1.22855	1.22855	1.21292	2.91947	2.13953	1
cg20646664	EIF4EBP2;EIF4EBP2	0.398061	0.265366	1.07593	1.07593	0.0826	1.26329	1.26329	0.0907448	1.02675	1.02675	0.0103421	0.7851008	1.27357	0.0134213	0.7851008	1.27357	0.8036021	0.954046	-1.04817	0.0377717	0.8880318	-1.01211	0.0730539	0.742284	-1.34717	0.0146182	1.424484	1.424484	1.21291	0.908959	0.725227	1
cg15542066	STIM1	0.398065	0.926801	-1.09613	0.171925	0.744498	-1.34319	0.0348284	0.60709	-1.6472	0.547447	1.13147	1.13147	0.601242	0.898536	1.112292	0.8985536	-1.11292	0.985201	0.996244	-1.00377	0.3612521	0.82661	-1.20976	0.8987582	1.02616	1.02616	0.518913	1.14188	1.14188	1.2129	0.9978	0.579556	1
cg03402620	MYO18B	0.398067	0.390374	1.13855	1.32805	0.47232	1.26573	1.26573	0.744645	1.11024	1.11024	0.446219	0.7794489	-1.28454	0.497398	1.240827	1.240827	0.249759	1.47363	1.47363	0.0301241	2.27518	2.27518	0.239325	1.4878	1.4878	0.780419	1.09427	1.09427	1.2129	1.99044	1.46283	1
cg21268579	GGA1;GGA1	0.398069	0.263211	0.402857	-2.48227	0.903272	0.909585	-1.0994	0.916422	1.91054	1.91054	0.322773	0.3683872	-2.71454	0.282144	0.3683872	-2.38973	0.2525576	0.393956	-2.53836	0.0924542	0.2361262	-4.23503	0.26669	0.405745	-2.4646	0.173235	0.323171	-3.09434	1.21289	11.6711	8.55337	1
cg05299077	INPP5D;INPP5D	0.398077	0.91363	0.970447	-1.03045	0.459032	0.818135	-1.23178	0.792157	1.20575	1.07575	0.560984	0.849983	-1.17649	0.934154	0.977534	-1.02298	0.921469	0.973104	-1.02764	0.0328471	1.9941	1.9941	0.548525	1.5349	1.5349	0.809395	1.0691	1.0691	1.21287	1.46852	1.07625	1
cg18255504	ST6GAL2;ST6GAL2;ST6GAL2	0.398083	0.779736	1.01024	1.01024	0.225214	0.637318	1.15991	0.432306	1.15283	1.15283	0.313719	0.8574429	-1.15283	0.327319	0.9149692	-1.09326	0.2288669	1.62621	1.62621	0.300771	1.50388	1.50388	0.203553	1.24903	1.24903	0.684817	1.18962	1.18962	1.21286	2.75485	2.01899	1
cg16757605	MTSS1L	0.398091	0.26454	3.59375	3.59375	0.407722	2.53846	2.53846	0.27646	3.4737	3.4737	0.268264	3.55533	3.55533	0.536261	0.502113	-1.99158	0.9008314	1.14698	1.14698	0.0790147	0.1170554	-8.5431	0.4412127	2.37238	2.37238	0.605026	1.7752	1.7752	1.21284	23.2431	17.0348	1
cg19679210	TNRC18	0.398094	0.74503	0.852056	-1.17297	0.914557	0.948568	-1.05422	0.271277	0.5699861	-1.75443	0.639759	0.788334	-1.2685	0.026106	0.2737218	-3.6534	0.729324	0.843246	-1.18589	0.693703	1.21526	1.21526	0.470582	0.697487	-1.43372	0.1439613	0.462414	-2.16256	1.21284	4.62758	3.19156	1
cg14283475	HSF3L	0.398096	0.18711	0.883998	-1.13122	0.200643	0.887634	-1.12659	0.154899	0.8674429	-1.15283	0.327319	0.9149692	-1.09326	0.228869	0.8946021	-1.11779	0.1898511	0.92524	-1.0808	0.627747	1.03817	1.03817	0.213658	0.8909448	-1.1224	0.0942134	0.850242	-1.17614	1.21283	1.04967	0.809472	1
cg17815252	CHST2;CHST2	0.398098	0.888077	0.965248	-1.036	0.292616	1.31553	1.31553	0.043111	1.79413	1.79413	0.779438	1.07307	1.07307	0.257647	0.743259	-1.34543	0.927987	0.977551	-1.02296	0.252643	1.35003	1.35003	0.391034	1.24701	1.24701	0.954423	1.01446	1.01446	1.21283	1.21187	0.888186	1
cg16852892	MMP16;MMP16;MMP16;MMP16	0.3981	0.572352	1.32654	1.32654	0.0926	1.07075	1.07075	0.496176	1.15323	1.15323	0.0701451	0.6893956	-1.46208	0.331957	1.329346	-1.32348	0.5644835	1.12936	1.12936	0.201124	1.13572	1.13572	0.187573	1.20544	1.20544	0.880781	1.03874	1.03874	1.21282	0.88378	0.614017	1
cg22853427	C8orf84	0.398116	0.959982	0.946794	-1.0562	0.461394	2.2638	2.2638	0.166558	4.98872	4.98872	0.0398652	13.3123	13.3123	0.874354	0.596538	-1.67634	0.2719116	0.47696	0.47696	0.39376	1.00856	1.00856	0.267202	3.52367	3.52367	0.330883	2.98384	2.98384	1.21279	22.8055	16.7148	1
cg09266044	C,CNDBP1;CNDBP1;CNDBP1;CNDBP1;CNDBP1	0.39812	0.187385	1.9581	1.9581	0.44937	1.44879	1.44879	0.324579	1.63107	1.63107	0.578335	1.30999	1.30999	0.276798	1.72287	1.72287	0.199193	1.92013	1.92013	0.106441	0.4283553	-2.33452	0.745996	0.855295	-1.16919	0.729729	1.18151	1.18151	1.21278	4.44242	3.25601	1
cg05102554	XYLB	0.398121	0.0471949	0.64014	-1.50593	0.387664	0.852519	-1.17299	0.901064	1.02268	1.02268	0.163484	0.76482	-1.3075	0.992277	0.998257	-1.00175	0.231709	0.797603	-1.25376	0.136091	0.7045	0.7045	0.040045	0.334212	-2.99367	0.0843004	0.837754	-1.19367	0.684035	0.92889	-1.07655	1.21277	0.6243102	0.457575	1
cg02096924	COLEC11;COLEC11	0.398126	0.41711	1.12602	1.12602	0.0778	0.687187	-1.22317	0.0438193	0.650203	0.650203	0.0240242	0.5160046	-1.93772	0.0159153	0.5160046	-1.93772	0.2505161	0.779401	-1.25407	0.0419591	0.2092055	0.0992009	-10.7288	0.2608862	0.284148	-3.51916	0.1226756	0.224143	1.21276	22.1143	16.2086	1
cg25879118	PON3	0.398127	0.653996	0.908809	-1.10034	0.128915	0.415911	-1.41591	0.298453	0.795789	-1.25661	0.696345	1.08667	1.08667	0.845423	0.959475	-1.04224	0.2541038	1.28711	1.28711	0.324663	1.24057	1.24057	0.915191	0.977676	-1.02283	0.137962	0.712811	-1.4029	1.21276	0.862793	0.632379	1
cg18865949	NMNAT2;NMNAT2	0.398129	0.228905	1.41727	1.41727	0.0574964	1.79807	1.79807	0.0288984	1.94911	1.94911	0.0697222	1.222461	1.222461	0.0144255	1.545355	1.545355	0.2938448	1.34631	1.34631	0.0010004	1.887327	1.887327	0.0001557	1.38908	1.38908	0.0599556	1.2934	1.2934	1.21276	1.41263	1.05004	1
cg06968926	MAPKBP1;MAPKBP1	0.398143	0.136326	0.436922	-2.28874	0.75023	0.848095	-1.17911	0.845843	1.10653	1.10563	0.361781	0.6165557	-1.62191	0.704518	1.2172	1.2172	0.0396392	2.293042	-3.41248	0.910055	1.06003	1.06003	0.427346	0.658309	-1.51904	0.228523	1.521099	-1.91935	1.21273	1.11172	3.74672	1
cg06746884	MD,DMD;DMD;DMD;DMD	0.398144	0.19127	0.376219	-2.65803	0.434422	0.569212	-1.75682	0.202804	0.38676	-2.58559	0.833233	1.56064	1.56064	0.130509	0.31544	-3.17018	0.0638046	0.229438	-4.35847	0.804663	1.19156	1.19156	0.790686	1.20677	1.20677	0.954154	1.04146	1.04146	1.21273	9.58756	7.02766	1
cg02109793	C22orf45;C22orf45;UPB1	0.398144	0.0092122	1.37837	1.37837	0.0135	2.24553	2.24553	0.1022	1.33334	1.33334	0.615005	1.35306	1.35306	0.644784	1.3189	1.3189	0.3939059	0.594042	1.68311	0.241519	1.13546	1.13546	0.599159	1.54599	0.6479075	1.38452	1.38452	1.38452	1.21272	6.23847	5.00505	1
cg26827725	BCMO1	0.398147	0.235963	0.558891	-1.78926	0.707782	2.19291	1.19291	0.688193	1.20802	1.20802	0.92702	1.04385	1.04385	0.21946	0.546106	-1.83114	0.46387	0.705206	-1.41802	0.0295472	0.30109	-3.32127	0.573263	0.765962	-1.30555	0.56138	0.75949	-1.31667	1.21272	4.21514	3.08958	1
cg19786984	CACNG4	0.398155	0.68582	1.07728	1.07728	0.290411	0.817485	-1.22326	0.599201	0.90719	-1.10231	0.116683	0.731194	-1.36763	0.735931	1.36414	1.36414	0.130905	1.34929	1.34929	0.237793	0.796816	-1.25499	0.508351	1.13116	1.13116	0.879716	1.0282	1.0282	1.2127	0.64792	0.474915	1
cg21647473	NCK1	0.398156	0.110092	0.79854	-1.25232	0.0778	1.24173	1.247	0.247	0.432008	0.43593	-2.29396	0.2292	0.2292	0.0879271	0.2292	-4.36357	0.0286782	0.0222	-45.0295	0.0279507	0.1964554	0.79554	0.0829095	0.0992507	-1.67344	0.5952249	1.37782	1.37782	1.2127	6.86268	5.03023	1
cg26066560	MAD1L1;MAD1L1;MAD1L1	0.39816	0.778114	0.913422	-1.09478	0.648671	1.15935	1.15935	0.424454	0.769905	-1.29886	0.229489	0.667501	-1.49812	0.79125	0.913874	1.09424	0.216476	0.659071	-1.51729	0.0583904	1.98496	1.98496	0.560877	1.20744	1.20744	0.841953	0.938007	-1.06609	1.21269	1.97368	1.44669	1
cg17333198	FBXL5	0.398159	0.586273	1.14355	1.14355	0.208677	1.16159	1.16159	0.813854	0.928914	-1.07653	0.50388	1.01021	-1.22425	0.911859	0.9309356	-1.07403	0.859313	1.16488	1.16488	0.191481	0.8551035	1.16488	0.210683	0.9108	-1.09788	0.7441	0.7441	0.7441	1.21269	0.98769	0.707227	1
cg12003318	ZNF701	0.398166	0.931754	1.02251	1.02251	0.884033	0.941918	-1.00521	0.482578	1.2038	1.2038	0.625311	1.13645	1.13645	0.141397	0.662963	1.50838	0.0699276	1.590545	-1.69335	0.135717	0.6584226	-1.51877	0.926803	0.976401	-1.02417	0.745406	0.828087	1.2076	1.21268	2.97043	0.951013	1
cg19161850	MAPK1;MAPK1	0.39817	0.214893	0.466713	-2.14264	0.615095	0.743844	-1.34437	0.384942	1.68193	1.68193	0.649629	0.794299	-1.25897	0.566354	0.712958	-1.40261	0.097012	0.345356	-2.89556	0.194101	2.22978	2.22978	0.901398	0.910307	-1.07503	0.359033	1.73409	1.73409	1.21267	6.5434	4.79633	1
cg09735773	BRP44L	0.398183	0.586273	1.14355	1.14355	0.208677	1.16159	1.16159	0.813854	0.928914	-1.07653	0.50388	1.01021	-1.22425	0.911859	0.9309356	-1.07403	0.2049606	0.781709	-1.27931	0.0285106	1.077	1.077	0.73436	0.966756	-1.03546	0.644527	0.953583	-1.04868	1.21264	0.201003	0.147339	1
cg17109277	TINF2;TINF2	0.398186	0.223205	1.31246	1.31246	0.345244	1.2294	1.2294	0.817145	1.05044	1.05044	0.67489	0.914277	-1.09376	0.985172	0.99606	-1.00396	0.105475	0.686775	-1.45608	0.476626	1.1662	1.1662	0.30592	0.79835	-1.25258	0.212576	1.3217	1.3217	1.21263	0.86682	0.635402	1
cg02126117	SHSA2	0.398189	0.0187264	0.70884	-1.41058	0.0139	1.37472	1.37472	0.125125	0.705704	0.705704	0.16132	0.6311814	1.58443	0.0703	0.6311814	1.58443	0.1783683	0.805906	0.805906	0.0544093	1.2179	1.2179	0.0178678	0.897676	-1.11407	0.463122	0.8805	1.11186	1.10688	1.10688	1.21263	0.824875	0.511196	1
cg04521867	SPTBN4;SPTBN4	0.398196	0.531426	1.40725	1.40725	0.0795595	1.85396	1.85396	0.170292	2.19691	2.19691	0.28573	1.81759	1.81759	0.22409	1.99029	1.99029	0.432973	1.53915	1.53915	0.555629	0.725244	-1.37885	0.331911	1.71509	1.71509	0.433025	0.649742	-1.53907	1.21261	5.57776	4.08872	1
cg00655085	ECHDC2	0.398203	0.339232	0.677396	-1.61971	0.759707	0.860355	-1.16204	0.691323	0.855265	-1.16907	0.644887	0.818948	-1.22126	0.272601	0.574213	-1.74151	0.586003	0.76396	-1.30897	0.0356498	0.95372	0.8271	-1.20918	0.952568	0.0497006	-1.56422	0.174818	0.493443	-2.02657	1.2959	0.642055	0.374718	1
cg16565518	MAD1L1;MAD1L1;MAD1L1	0.398208	0.515342	0.675064	-1.48134	0.539218	0.703134	-1.35342	0.189178	1.29004	1.29004	0.183741	0.7919197	-1.39044	0.59339	0.7919197	-1.26268	0.3361091	0.76938	-1.29983	0.0178504	0.9183138	0.918314	-1.08885	0.258103	-2.84103	0.0960617	1.26911	1.26911	0.987261	1.1016	1.01258	0.820963	1.6104	1.21258	0.84654	0.499553	1
cg02530110	DDX50	0.39822	0.475108	1.12787	1.12787	0.143928	1.29709	1.29709	0.0245641	1.55845	1.55845	0.757871	1.05303	1.05303	0.342467	1.17592	1.17592	0.700133	1.06622	1.06622	0.778344	0.954321	-1.04787	0.946961	1.17405	1.17405	0.600671	1.09145	1.09145	1.21255	0.527183	0.386663	1
cg22344305	PEPD;PEPD;PEPD	0.398222	0.163356	0.6134	-1.63043	0.443137	0.848365	-1.17864	0.0208387	0.825945	-1.21073	0.893337	0.971349	-1.0295	0.592398	0.870191	-1.14909	0.493893	0.86024	-1.1624	0.354827	1.60306	1.60306	0.624158	0.970001	-1.03107	0.954255	1.07371	1.07371	1.21255	0.907073	0.663128	1
cg13549845	GRID2	0.398223	0.0381643	0.398282	-2.51078	0.64637	0.837785	-1.19362	0.223577	0.612683	-1.63217	0.302448	1.50572	1.50572	0.956135	1.0213	1.0213	0.54023	1.26815	0.861624	1.06913	1.06913	0.691372	0.834499	-1.19832	0.722623	1.14631	1.14631	1.21255	2.81889	2.06645	1
cg02327912	SLC6A19	0.398225	0.29424	2.16475	2.16475	0.196441	1.24896	1.23848	0.0884998	0.904219	-1.10593	0.607282	1.45123	1.45123	0.380206	0.523808	-1.9091	0.0282553	0.01556	-64.2284	0.0116165	0.9205205	-1.08105	0.604562	1.42241	1.42241	0.954934	0.959436	-1.04228	1.2555	9.95858	7.26493	1
cg20128414	C7orf28A	0.398237	0.138629	0.580013	-1.72355	0.209613	0.458466	-2.18119	0.791682	0.955457	-1.16897	0.650445	1.30871	1.30871	0.113322	0.863824	-1.76378	0.634826	0.75414	-1.32626	0.126801	0.2215179	-4.5169	0.2191	0.720913	1.38606	1.2356	1.2356	1.183906	1.32742	1.21252	6.67948	4.89669	1
cg01601628	CD74;CD74;CD74	0.398244	0.131442	1.80299	1.80299	0.159881	1.17216	1.72216	0.517346	1.26821	1.26821	0.942355	0.974163	-1.02652	0.548553	0.802714	-1.24577	0.133877	0.557007	-1.79531	0.586237	1.22011	1.22011	0.322072	1.44812	1.44812	0.611208	1.2039	1.2039	1.2125	2.51602	1.84451	1
cg24859228	CAMK1D;CAMK1D	0.398246	0.812628	0.945249	-1.05826	0.334276	1.12722	1.12125	0.705704	1.16132	1.16132	0.511314	1.12114	1.12114	0.53494	1.13036	1.13036	0.2161788	0.91842	-1.08903	0.549497	1.10972	1.10972	0.0977444	1.03036	1.03036	0.0109133	1.08219	1.08219	1.2125	0.0109	0.0055	1
cg24378152	NDUFB11;NDUFB11	0.398252	0.133809	0.183444	-5.45124	0.85767	1.20716	1.20716	0.825525	1.26055	1.26055	0.192582	4.24743	4.24743	0.0783377	7.77568	7.77568	0.387744	0.395166	-2.53058	0.968343	1.0425	1.0425	0.714324	1.47046	1.47046	0.908908	1.886887	-1.12754	1.21248	21.1217	15.4846	1
cg21951612	MRAS;MRAS	0.398255	0.708527	0.939265	-1.06466	0.261928	2.11554	2.11554	0.785563	0.955516	-1.04655	0.27831	1.2695	1.2695	0.79746	1.04795	1.04795	0.967362	1.06085	1.06085	0.0989927	0.739494	-1.35228	0.127023	1.31701	1.31701	0.418833	1.14778	1.14778	1.21248	0.534507	0.391922	1
cg26905196	NLGN4X;NLGN4X	0.398288	0.134459	0.693905	-1.44112	0.952591	1.01355	1.01355	0.366342	0.810473	-1.23385	0.581536	1.13433	1.13433	0.874878	1.03632	1.03632	0.192116	0.731526	-1.36701	0.282563	1.28766	1.28766	0.865145	1.01924	1.01924	0.114243	0.677734	-1.47551	1.2124	0.9844338	0.721754	1
cg10132588	KCNH7;KCNH7;KCNH7;KCNH7	0.398297	0.587725	1.70451	1.70451	0.0561	0.9568	-1.04506	0.916368	0.8600739	0.860074	-1.16296	0.9719355	1.02885	0.940508	0.9719355	1.02885	0.948523	1.10063	1.10063	0.332095	0.8497712	-1.17687	0.404195	1.09128	1.09128	0.486483	1.11996	1.11996	1.2124	0.201162	0.147487	1
cg19542630	ACOX3;ACOX3	0.398299	0.27482	1.65277	1.65277	0.193089	0.543844	-1.83876	0.362455	0.66104	-1.51277	0.683851	0.83439	-1.19848	0.74891	1.15259	1.15259	0.922857	0.958071	-1.04376	0.133006	0.4862235	-2.05667	0.614774	0.798987	-1.25158	0.165191	1.92449	1.92449	1.21238	3.75513	2.75318	1
cg17402018	TTC12	0.398307	0.675193	0.825464	-1.21127	0.581592	0.881551	-1.1261	0.624215	0.895893	-1.11628	0.427791	0.9181448	-1.08951	0.722315	0.8779398	-1.13928	0.7887818	0.908218	-1.10107	0.465655	1.14563	1.14563	0.342695	1.19409	1.19409	0.648318	1.00758	1.00758	1.21238	0.602766	0.462529	1
cg24559261	DCP5	0.39831	0.2405	0.47531	-2.10389	0.447305	0.625759	-1.59806	0.969364	1.02352	1.02352	0.775944	0.841384	-1.18852	0.0828478	0.312711	0.19785	0.909355	0.933387	-1.07137	0.176513	0.419097	-2.38609	0.144486	0.387224	-2.58249	0.0912578	0.324404	-3.08258	1.21235	7.03422	5.15744	1
cg07758428	LRP5	0.39831	0.725723	1.38322	1.38322	0.940447	0.933497	-1.07124	0.121639	0.69074	0.694764	0.943768	0.937094	-1.06713	0.0369491	0.107345	-9.31573	0.870071	0.860039	-1.16274	0.862073	0.8505201	-1.17571	0.644253	0.651631	-1.53461	0.566717	0.586621	-1.70468	1.21235	16.2892	11.9431	1
cg08090133	SRP9;SRP9	0.398311	0.52877	1.57307	1.57307	0.142726	1.26937	1.26937	0.0893318	0.8829559	1.13294	0.3194	1.201267	1.44662	0.0174372	1.201267	1.44662	0.1783453	0.690725	-1.44862	0.0172737	0.7178943	-1.21959	0.348228	0.537997	-1.85975	0.0266355	0.7174005	-1.39737	0.372366	0.7174005	0.74205	1.21233	5.2233	4.3109	1
cg02509058	CSorf38	0.398311	0.460567	0.571944	-1.74842	0.390624	0.923158	1.92358	0.8791	0.8929271	-1.11986	0.157745	3.07513	3.07513	0.549643	1.56863	1.56863	0.0975692	3.86488	3.86488	0.247263	2.45885	2.45885	0.881205	0.894749	-1.11763	0.117047	0.547434	3.54734	1.21235	10.6196	7.78624	1
cg03535079	KIAA0146	0.398316	0.0509579	2.14902	2.14902	0.0156481	2.18227	2.18227	0.0744675	2.61435	2.61435	0.0138184	2.95467	2.95467	0.0110344	3.13044	3.13044	0.0256546	0.69376	-1.44128	0.269137	0.4875631	-2.05102	0.2324	0.774724	1.29072	0.5104	0.7747244	1.29072	0.7747244	1.29072	0.7747244	1.21232	0.7747244	0.529365	0.448232	1
cg19959519	NF1;NF1;NF1	0.398319	0.116296	0.791559	-1.26333	0.651428	0.939161	-1.06427	0.790796	1.03709	1.03709	0.364194	0.8801037	-1.13623	0.136275

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 37 vs. N)	Fold-Change(5 37 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg00548401	SSTR2	0.398613	0.979762	1.02048	0.110946	0.977968	0.55517	-1.80125	?	?	0.638279	1.023106	-1.21491	0.845888	0.923114	-1.08329	0.547937	0.778825	-1.28398	0.0944416	0.469633	-2.12932	0.05105567	0.460098	-2.49315	0.709632	0.857468	-1.16622	1.20631	2.87042	2.3795	1
cg03933572	LYPD6	0.39862	0.461168	0.779393	-1.28305	0.413662	0.757902	-1.31943	0.661676	0.863908	-1.15753	0.8407223	0.935336	-1.06913	0.298641	0.699143	0.143032	0.494288	0.794065	-1.25934	0.0401682	0.454888	-2.19834	0.05816559	0.490998	-2.03667	0.905505	0.961315	-1.04024	1.21166	2.11799	1.55378	1
cg10138641	ZBTB44	0.398624	0.583273	0.687373	-1.45481	0.254227	0.446839	-2.23794	0.107014	0.304067	-3.28875	0.568575	0.677118	-1.47685	0.285224	0.471876	-2.1192	0.412272	0.567103	-1.76335	0.513311	1.56605	1.56605	0.166223	2.71527	2.71527	0.672627	1.33318	1.33318	2.12165	8.78547	6.44518	1
cg22902537	MAML3	0.398632	0.841555	1.06603	1.06603	0.663724	1.14998	1.14998	0.287259	0.7026	-1.42328	0.142853	0.604669	-1.6538	0.160549	0.619497	-1.61421	0.625386	1.17026	1.17026	0.767701	1.09924	1.09924	0.454929	1.27523	1.27523	0.1691	1.59679	1.59679	0.12163	1.95818	1.43658	1
cg00539308	SV2C	0.398639	0.714295	0.797953	-1.25321	0.111848	2.89648	2.89648	0.911467	0.934002	-1.07066	0.194066	2.32429	2.32429	0.253458	0.480889	-2.07948	0.335239	0.54335	-1.84044	0.336923	0.544576	-1.83629	0.717888	0.800344	-1.24946	0.424573	1.6497	1.6497	0.12162	7.23092	5.30487	1
cg00547484	BAI2	0.398641	0.890804	0.951885	-1.05055	0.222496	0.632584	-1.58082	0.335973	1.42532	-1.42532	0.383954	1.3756	1.3756	0.170744	0.593893	-1.6838	0.323474	0.693586	-1.44178	0.496078	0.781653	-1.27934	0.125319	0.552881	-1.80871	0.644014	1.18083	1.18083	0.12161	2.44851	1.79633	1
cg08480223	LIN7A	0.398647	0.808843	0.943959	-1.05937	0.146294	0.689991	-1.4493	0.0515444	1.69443	1.69443	0.529884	0.85948	-1.16349	0.732476	0.921596	-1.08507	0.447174	0.831641	-1.20244	0.685147	0.907561	-1.10185	0.342584	0.792412	-1.26197	0.950266	0.985267	-1.01495	1.2116	1.08652	0.797125	1
cg22895083	SDK2	0.398648	0.622999	0.781187	-1.2801	0.37151	1.57978	1.57978	0.759072	1.16569	0.916569	0.392692	1.54711	1.54711	0.127164	0.423023	-2.36394	0.390624	1.55021	1.55021	0.624342	0.781943	-1.27886	0.0195764	0.398379	-2.50918	0.992572	1.00456	1.00456	1.2116	4.76599	3.49657	1
cg08701034	KN;DMKN;DMKN	0.398648	0.0812551	0.796574	-1.25538	0.316771	0.885338	-1.12951	0.32831	1.12607	1.12607	0.966444	1.00496	1.00496	0.422507	1.10121	1.10121	0.852806	0.978381	-1.0221	0.113064	0.816327	-1.225	0.572039	0.935017	-1.0695	0.555762	0.932281	-1.07264	1.2116	0.265712	0.19494	1
cg01504684	DLG4;DLG4	0.398657	0.398207	0.79026	-1.26433	0.137156	1.60393	1.60393	0.0905931	1.03126	1.03126	0.394953	1.94599	1.94599	0.262535	0.514021	-1.94552	0.597044	0.778825	-1.28398	0.0944416	0.469633	-2.12932	0.05105567	0.460098	-2.49315	0.709632	0.857468	-1.16622	1.20631	2.87042	2.3795	1
cg09575037	CNP	0.398658	0.421547	1.21144	1.21144	0.399611	1.25851	1.25851	0.181301	1.3931	1.3931	0.715568	0.918806	-1.08925	0.446223	0.834113	-1.19888	0.861338	0.642117	-1.55735	0.31879	0.786074	-1.27214	0.743053	1.07988	1.07988	0.800705	1.06087	1.06087	0.12158	1.04722	0.768311	1
cg23195495	FLI37543	0.398659	0.637314	0.888425	-1.1353	0.521565	0.84064	-1.18957	0.181243	1.40204	0.713945	0.704028	1.40204	0.713945	0.52954	0.888125	-1.12616	0.568348	1.16968	1.16968	0.0849994	1.66349	1.66349	0.543466	0.848454	-1.17861	0.929367	1.02546	1.02546	1.21157	1.3701	1.0052	1
cg02570682	C8orf46	0.398662	0.204015	0.772745	-1.29409	0.990679	1.00225	1.00225	0.219181	1.28211	1.28211	0.991848	1.00197	1.00197	0.314856	0.818828	-1.22126	0.83216	0.960006	-1.04166	0.0670472	1.48405	1.48405	0.804592	0.953445	-1.04883	0.518014	1.13432	1.13432	1.21157	0.709705	0.520689	1
cg05278186	LOC150572;LOC150527	0.398667	0.421495	1.41032	1.41032	0.683936	0.842508	-1.18693	0.109163	0.481226	-2.07803	0.774255	1.12795	1.12795	0.703725	0.885609	-1.12917	0.496454	0.748927	-1.33524	0.702221	0.851459	-1.1745	0.125381	0.20269	2.00269	0.203403	0.75439	1.75439	1.21155	3.36387	2.468	1
cg05498726	CLDN5;CLDN5	0.398671	0.545052	0.883855	-1.13163	0.0568919	0.529376	-1.88902	0.922769	0.985503	0.979977	-1.02083	0.478377	1.25318	1.25318	0.197475	-1.6979	0.827272	1.07082	1.07082	0.255566	0.45013	1.45013	0.74342	1.10832	1.10832	0.873129	0.951191	1.05131	1.21155	1.88137	1.38033	1
cg13254518	ZNF385B;ZNF385B	0.398681	0.760675	1.09176	1.09176	0.169353	0.654083	-1.52886	0.205486	1.46787	1.46787	0.139863	0.633525	-1.57847	0.614269	0.864132	-1.15723	0.909948	1.03305	1.03305	0.494947	1.22034	1.22034	0.925063	1.0274	1.0274	0.16197	0.651103	-1.53586	1.21152	1.58435	1.16243	1
cg06431514	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.398683	0.314529	1.65864	1.65864	0.0347022	1.33269	1.33269	0.090977	2.47392	2.47392	0.953818	1.02858	1.02858	0.865309	1.0861	1.0861	0.275493	1.73658	1.73658	0.359464	1.58151	1.58151	0.70158	1.206	1.206	0.838896	1.10424	1.10424	1.21152	4.54134	3.31197	1
cg08307888	LMCD1	0.398684	0.787603	1.07826	1.07826	0.443944	1.2433	1.2433	0.405041	1.78483	-1.26834	0.784478	1.08068	1.08068	0.149219	0.53663	-1.53963	0.856668	1.05174	1.05174	0.631073	0.872772	1.07082	1.07082	0.524355	0.861319	1.05	1.05	0.3995105	1.27235	1.27235	1.21151	1.49388	1.09601	1
cg17376045	GNL3L;GNL3L	0.398697	0.284836	0.442337	-2.26072	0.930415	0.937887	-1.06623	0.590799	0.671306	-1.48963	0.126907	1.36078	1.36078	0.0897485	3.94843	3.94843	0.253338	0.416479	-2.40108	0.903782	0.915035	-1.09285	0.908253	1.08833	1.08833	0.839715	1.16032	1.16032	1.21149	10.3436	7.58927	1
cg10505610	SHSH2B	0.398697	0.617634	0.84578	-1.18254	0.303975	1.29163	1.29163	0.0529	0.802074	0.10576	0.4554	0.547026	1.82793	0.0493443	0.547025	-2.00743	0.219041	0.632584	-1.062	0.324784	0.418365	-2.44525	0.0537981	0.908991	-1.05165	0.880439	1.1395	1.1395	1.21149	14.443	10.5971	1
cg13447090	SEMA4D;SEMA4D	0.3987	0.879124	1.12187	1.12187	0.059056	5.00674	5.00674	0.130474	3.41029	3.41029	0.767353	1.25129	1.25129	0.573907	1.53623	1.53623	0.591883	1.50522	1.50522	0.0997306	3.90876	3.90876	0.207737	2.72859	2.72859	0.246862	2.50672	2.50672	1.21148	10.9559	8.03856	1
cg07344155	C15orf52	0.398714	0.964078	1.02113	1.02113	0.804936	1.02116	1.02116	0.344079	0.748344	1.33628	0.347587	1.57869	1.57869	0.0922508	1.56316	1.56316	0.391387	1.31176	1.31176	0.515353	0.764496	1.30808	1.30808	0.468668	2.6604	2.6604	0.154576	1.58173	1.58173	1.21145	4.72661	3.37911	1
cg22944493	WDR20	0.39873	0.622196	1.16284	1.16284	0.312888	0.728274	-1.37311	0.0913964	1.75889	1.75889	0.97095	1.01112	1.01112	0.537778	0.827361	-1.20866	0.408214	0.773401	-1.29299	0.232254	1.46307	1.46307	0.244142	0.6905641	-1.44793	0.6025067	1.17305	1.17305	1.21141	1.77027	1.29895	1
cg22029284	PRDM16;PRDM16	0.398738	0.81478	1.08961	1.08961	0.395078	1.3751	1.3751	0.305167	1.47449	1.47449	0.302866	1.47742	1.47742	0.148521	0.81936	-1.01936	0.109253	1.89392	1.89392	0.0351407	2.45346	2.45346	0.278596	1.50982	1.50982	0.37245	1.39775	1.39775	1.2114	2.56585	1.88275	1
cg20723792	FAM53B	0.398747	0.434176	0.574247	-1.74141	0.188559	0.579702	-1.63364	0.136058	0.322415	-3.10422	0.708845	1.24786	1.24786	0.673076	0.744539	-1.34311	0.934069	1.0592	1.0592	0.451762	0.586911	-1.70384	0.103827	1.48758	1.48758	0.622375	1.41207	1.41207	1.21138	9.26991	6.80212	1
cg08374472	ZCCHC14	0.398747	0.339229	0.761007	-1.31405	0.729825	0.908352	-1.10089	0.322769	1.32735	1.32735	0.492964	0.824439	-1.21295	0.919566	0.972383	-1.0284	0.0860557	0.59102	-1.69199	0.103683	0.613823	-1.62913	0.228113	0.7044164	-1.42012	0.318831	0.751526	-1.33063	1.21138	1.47484	1.08222	1
cg15994781	LNP1;TOMM70A;LNP1	0.398756	0.60982	1.15853	1.15853	0.413188	1.32338	1.32338	0.0527109	2.0545	2.0545	0.199509	1.57448	1.57448	0.0928304	1.82083	-1.20984	0.136407	1.7123	1.7123	0.513498	0.856181	-1.16802	0.0998	0.153416	3.06	3.06	0.0262044	2.63435	2.63435	1.21136	2.15151	1.57877	1
ch.10.114832221	PPIKG1;PPIKG1	0.398767	0.0437766	0.190021	-7.63822	0.200274	0.30517	-3.27686	0.167174	0.274767	-3.63944	0.238861	0.338863	-2.95105	0.254573	0.35218	-2.83946	0.580828	0.163074	-6.13112	0.259911	0.356662	-2.80377	0.672824	0.688937	-1.45151	0.822196	1.2183	1.2183	1.21134	14.7649	10.8345	1
cg13715619	NEU1	0.398763	0.143661	0.408013	-2.4509	0.624383	0.754601	-1.3252	0.944075	1.04084	1.04084	0.408681	0.617458	-1.61954	0.0830228	0.334521	-2.98935	0.258633	0.510447	-1.95907	0.066192	0.308589	-3.24056	0.478045	0.662628	-1.50914	0.258512	0.510352	-1.95943	1.21134	6.24531	4.58284	1
cg19800407	ONCSL	0.398764	0.394362	1.09622	1.09622	0.14498	1.14985	1.14985	0.144493	1.64185	1.64185	0.159387	1.73997	1.73997	0.0855	2.01283	-1.62725	0.516568	0.801797	-1.2472	0.185595	0.344819	2.90691	0.143823	1.14819	1.14819	0.872949	0.890128	-1.12343	1.21133	1.64263	1.15821	1
cg25894658	DSG2	0.398767	0.585129	0.547246	-1.82733	0.851932	1.22672	1.22672	0.626273	1.63211	1.63211	0.470202	0.447795	-2.23317	0.553056	0.5188	-1.92753	0.503548	0.475986	-2.1009	0.849238	0.812115	-1.23135	0.0240715	0.18625	18.9625	0.774603	1.36887	1.36887	1.21133	22.9441	16.8366	1
cg12713223	PTPN23;PTPN23;PTPRN2 FLJ35220;LOC100294362;FLJ35220;FLJ3	0.398775	0.718057	0.944116	-1.05937	0.374545	0.865447	-1.15577	0.553365	0.89032	-1.09972	0.756735	0.991583	-1.0505	0.251728	1.1273	1.1273	0.655477	0.75978	1.07109	0.640284	0.744648	1.44648	0.431589	0.744648	-1.12807	0.997535	1.00049	1.00049	1.21131	0.983924	0.713651	1
cg15832852	5220	0.39878	0.726295	1.14977	1.28957	0.536494	1.5751	1.5751	0.0880305	0.679992	-1.4706	0.692278	1.33371	1.33371	0.160865	0.340026	-3.03007	0.454359	1.04278	1.04278	0.129071	2.37427	2.37427	0.177485	1.23199	1.23199	0.105386	0.722641	0.722641	1.26974	9.99953	5.25016	1
cg10703155	MRGN1	0.39878	0.398966	1.60572	1.60572	0.314275	0.563838	-1.77356	0.208388	2.60959	2.60959	0.614954	1.06291	1.06291	0.936723	1.04403	-1.04451	0.785998	0.861353	1.16096	0.0424899	0.277713	-3.60084	0.729364	1.20982	1.20982	0.171167	0.980374	-1.02302	1.2113	5.76983	4.23408	1
cg03044471	TOLLIP	0.398786	0.197234	4.15055	4.15055	0.0314689	13.9316	13.9316	0.16632	4.66907	4.66907	0.506426	2.0215	2.0215	0.369328	2.61856	2.61856	0.543859	1.80923	1.80923	0.25415	3.46686	3.46686	0.229488	3.73043	3.73043	0.695233	1.58043	1.58043	1.21129	20.9125	15.3464	1
cg16780378	KCNK10;KCNK10	0.398793	0.763686	1.08564	1.08564	0.585663	1.3201	1.3201	0.162184	1.65101	1.65101	0.899938	1.05601	1.05601	0.0704284	1.47424	-1.07424	0.261563	1.19887	1.19887	0.0779138	3.56216	3.56216	0.0941997	2.16116	2.16116	0.0422557	2.42944	2.42944	1.21127	1.81181	1.32987	1
cg21248274	NKAIN3	0.398809	0.775191	0.860599	-1.16198	0.804374	0.877994	-1.13896	0.900242	1.06796	1.06796	0.148293	2.25467	2.25467	0.246926	0.400481	2.497	0.782076	0.864691	-1.15648	0.172976	0.467522	-2.13894	0.24539	0.89085	1.89085	0.822781	1.889041	-1.12481	1.21124	1.27325	3.86987	1
cg22666687	BAT5	0.398826	0.903815	0.978351	-1.02213	0.407915	1.16562	1.16562	0.337813	1.19589	1.19589	0.213443	0.788841	-1.26768	0.0499421	0.667126	-1.49897	0.449725	0.869838	-1.14964	0.358771	0.842955	-1.1863	0.992706	0.998346	-1.00166	0.977182	1.00519	1.00519	1.2112	0.628755	0.461437	1
cg20454148	DVL2	0.398837	0.327834	1.54441	1.54441	0.0858663	1.33	1.33	0.0268158	2.76899	-1.37754	0.263949	1.6498	1.6498	0.0838427	2.25521	-1.25521	0.116396	1.77924	1.77924	0.0864026	2.25521	2.25521	0.116396	1.77924	1.77924	0.0864026	2.08279	2.08279	1.21097	3.54753	2.60351	1
cg22658240	FYXD5;FYXD5;FYXD5	0.398832	0.113215	0.2985	-3.35008	0.470122	0.597286	-1.67424	0.392069	0.540648	-1.84963	0.154836	0.343724	-2.90931	0.120505	0.306934	3.25803	0.0955327	0.276842	-3.61217	0.194778	0.382152	-2.61676	0.318379	0.485144	-2.06124	0.246741	0.427624	-2.3385	1.21119	9.43612	6.92517	1
cg21759057	WDR18	0.398849	0.522233	0.654825	-1.52731	0.748701	0.821452	-1.21713	0.967881	1.03341	1.03341	0.876083	1.03341	1.03341	0.954622	1.03341	-1.03341	0.498834	0.747017	1.33846	0.554622	0.747017	1.33846	0.554622	0.747017	1.33846	0.554622	0.644154	-1.55304	1.21118	0.640563	0.470353	1
cg12312278	SNORD115-9;SNORD115-12;SNORD115- 10;SNORD115-5	0.398856	0.034405	0.0893553	-11.1913	0.732549	0.714633	-1.39932	0.701449	0.685717	-1.45833	0.62601	0.641047	-1.55905	0.445437	0.466705	2.14227	0.397753	0.428235	2.33517	0.352815	0.392014	-2.55093	0.766646	0.747145	-1.33843	0.0606662	0.125987	-7.93733	1.21113	18.4023	13.506	1
cg26649219	SFXN4	0.398857	0.208713	1.35204	1.35204	0.84773	1.04472	1.04472	0.7705	0.935592	-1.06884	0.714576	1.08719	1.08719	0.598909	1.1284	1.1284	0.13306	1.44606	1.44606	0.26286	0.766682	-1.30432	0.201869	0.735861	-1.35895	0.25025	1.31449	1.31449	1.21113	0.9936619	0.729249	1
cg23603852	CAUHM3	0.398863	0.195146	0.593028	-1.68626	0.632681	1.20156	1.20156	0.265811	1.55607	1.55607	0.491141	0.76591	-1.3056	0.417429	0.729063	-1.37162	0.898179	0.952355	-1.05003	0.573752	1.24203	1.24203	0.0758965	2.12394	2.12394	0.468496	1.3248	1.3248	1.21112	2.78913	2.04706	1
cg00806746	PRDM16;PRDM16	0.398865	0.901968	0.958801	-1.04337	0.615692	1.24554	1.24554	0.458968	1.29213	1.29213	0.514347	1.25333	1.25333	0.0941968	1.91347	-1.05549	0.341285	1.19555	1.19555	0.175109	1.63255	1.63255	0.417167	1.32955	1.32955	0.50218	1.26048	1.26048	1.21111	2.21591	1.62635	1
cg06963109	SYT7	0.398865	0.211438	-3.41783	-6.68785	0.0829079	0.1425	-7.01753	0.074057	0.132652	-7.53851	0.280013	0.319967	-3.12532	0.178941	0.234849	-4.25806	0.304902	0.409201	-2.44379	0.883471	0.861723	-1.16047	0.941841	0.928637	-1.07685	0.590323	0.576085	-1.73585	1.21111	19.7501	14.4954	1
cg01535521	CKAP42	0.398874	0.0929799	0.183706	-7.47922	0.191295	0.251738	-4.50983	0.483697	0.460753	-2.17054	0.27037	0.353566	1.98055	1.98055	0.205718	4.27742	0.307826	0.316882	-3.15525	0.823193	0.789005	-1.26742	0.622836	1.7155	1.7155	0.173111	0.459581	1.45581	1.21109	23.1956	16.6861	1
cg10430994	HPR	0.398882	0.143174	0.480214	-2.08428	0.766175	0.872928	-1.14557	0.502955	1.16015	1.30015	0.46056	0.710091	-1.40827	0.528057	0.747276	-1.33819	0.600157	0.833099	-1.20034	0.346019	2.07937	2.07937	0.528436	0.6754	-1.33783	0.162875	0.197315	1.97155	1.21107	0.98318	2.93252	1
cg11620135	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.398891	0.382381	2.46245	2.46245	0.19818	4.7266	4.7266	0.0749755	7.35088	7.35088	0.751127	1.44591	1.44591	0.626253	1.63819	1.63819	0.497759	1.98959	1.98959	0.182972	4.1432	4.1432	0.328932	0.362915	-2.75547	0.254967	3.30556	3.30556	1.21105	19.4091	14.2459	1
cg04948014	OIT	0.398897	0.249644	1.57253	1.57253	0.174965	2.62299	2.62299	0.113434	3.34979	3.34979	0.124512	2.63512	2.63512	0.315794	1.57729	1.57729	0.218477	2.43929	2.43929	0.19677	3.51827	3.51827	0.158504	2.44977	2.44977	0.196454	2.58522	2.58522	1.21103	1.70875	0.912199	1
cg24312730	CHSY1	0.398898	0.311895	1.18559	1.18559	0.137416	1.29739	1.29739	0.366821	0.859962	-1.16284	0.966302	1.0069	1.0069	0.363858	1.16399	1.16399	0.204474	1.24346	1.24346	0.141584	1.29332	1.29332	0.702952	1.06433	1.06433	0.375145	0.862322	-1.15966	1.21104	0.507925	0.372812	1
cg19987354	SYNE2;SYNE2 GHRL;GHRL;GHRL;GHRL;GHRL;GHRL;G HRL;GHRL;GHRLOS;GHRL;GHRLOS;GHR	0.3989	0.0900264	0.532886	-1.87658	0.13718	0.583138	-1.71486	0.81136	1.08388	1.08388	0.223236	1.53897	1.53897	0.702555	0.878751	-1.13798	0.809722	1.08466	1.08466	0.941388	1.02508	1.02508	0.283947	0.687293	-1.45498	0.343064	0.719604	-1.38965	1.21103	2.17665	1.59765	1
cg22156128	LOS;GHRL;GHRL;GHRL;GHRLOS	0.398904	0.491205	1.29322	1.29322	0.402696	1.37017	1.37017	0.67591	1.16721	1.16721	0.260208	1.54015	1.54015	0.218525	1.60953	1.60953	0.100688	1.93714	1.93714	0.0422917	2.36357	2.36357	0.212346	1.62105	1.62105	0.787847	1.10428	1.10428	1.21103	2.59386	1.90388	1
cg23712897	COMMD5;COMMD5;COMMD5	0.398905	0.324314	0.703683	-1.42109	0.802042	0.916184	-1.09148	0.324463	1.42093	0.936902	0.973035	-1.02771	0.894219	1.047	1.047	0.489289	0.78466	-1.27444	0.737382	1.10462	1.10462	0.461764	0.772086	-1.29519	0.0275361	0.406633	-2.45922	1.21102	2.2862	1.67807	1
cg13580029	SPAM1;SPAM1	0.398914	0.0898181	0.84737	-1.18005	0.0415599	0.224554	0.561354	0.453793	0.81704	-1.22403	0.440949	0.317093	3.15154	0.0797348	1.70415	-1.67012	0.957024	0.972661	-1.02811	0.812844	0.399325	-2.50422	0.661133	0.797006	-1.2547	0.624625	0.775952	-1.28874	1.21101	0.507469	0.372465	1
cg16303061	PPP1R1A	0.39891	0.482513	0.750514	-1.33242	0.691655	0.851896	-1.17385	0.666911	0.840209	-1.19018	0.974729	0.987344	-1.01282	0.934989	0.967729	-1.03335	0.53301	1.28903	1.28903	0.0347248	2.69069	2.69069	0.699213	0.85546	-1.16896	0.174412	1.78766	1.78766	1.21101	3.10097	2.27613	1
cg18317554	TBXAS1;TBXAS1	0.398915	0.215555	0.435101	-2.29832	0.113661	0.333593	-2.99767	0.594666	0.709736	-1.40897	0.323618	1.91711	1.91711	0.150502	0.417262	-2.39657	0.384897	0.56623	-1.76607	0.10418	0.321694	-3.10854	0.459062	0.617978	-1.61818	0.684582	0.770484	-1.29789	1.211	7.81746	5.73811	1
cg08524912	AKAP9;AKAP9	0.398917	0.446138	1.20422	1.20422	0.513734	1.60138	1.60138	0.160616	0.852215	-1.17341	0.183779	1.7418	1.7418	0.0779668	1.5188	1.5188	0.143301	1.64001	1.64001	0.0576754	3.98003	3.98003	0.0921218	2.51064	2.51064	0.0570763	1.5716	1.5716	1.21097	1.88007	1.872058	1
cg22335228	ZBTB46	0.398926	0.20769	0.234511	-4.2642	0.130441	0.168133	-5.94766	0.1075	6.80429	6.80429	0.913525	0.888181	-1.1259	0.507655	2.08277	2.08277	0.301765	3.21517	3.21517	0.823839	1.27556	1.27556	0.772225	1.37278	1.37278	0.97966	0.972555	-1.02822	1.21098	22.8545	16.7758	1
cg06306269	PHR1	0.398929	0.256096	1.32455	1.32455	0.0806659	1.5371	1.5371	0.0855	1.87319	1.87319	0.0853734	1.64632	1.64632	0.0808585	1.77528	1.77528	0.604017	0.913786	-1.09435	0.621263	0.899234	-1.11958	0.0242993	0.888762	-1.12508	0.12993	0.997201	-1.00279	1.21097	0.731997	0.511289	1
cg21198502	ENGASE	0.398948	0.525709	0.876813	-1.14049	0.808033	0.951452	-1.05102	0.426936	0.847184	-1.18038	0.982598	1.00447	1.00447	0.971541	1.00733	1.00732	0.934156	1.01704	1.01704	0.0265201	1.7212	1.712	0.253937	1.27579	1.27579	0.31728	1.07228	1.07228	1.21093	0.8016613	0.588429	1
cg13205784	KRIT1;KRIT1 KRIT1;KRIT1;KRIT1;ANKIB1;KRIT1	0.398953	0.949429	1.02397	1.02397	0.928776	1.03395	1.03395	0.860114	0.936241	-1.0681	0.0178723	0.341255	-2.93036	0.581101	0.812086	-1.2314	0.562724	1.24429	1.24429	0.726717	0.877174	-1.14002	0.495394	1.29505	1.29505	0.948853	0.976325	-1.02425	1.21092	2.67526	1.96381	1
cg21501001	ITGB3BP;EFCAB7	0.39896	0.902515	1.02124	1.02124	0.574804	1.1021	1.1021	0.736097	1.05974	1.05974	0.330025	0.841

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(1057 vs. N)	Fold-Change(1-vs-1057)	p-value(1117 vs. N)	Fold-Change(1-vs-1117)	p-value(1127 vs. N)	Fold-Change(1-vs-1127)	p-value(1217 vs. N)	Fold-Change(1-vs-1217)	p-value(1247 vs. N)	Fold-Change(1-vs-1247)	p-value(3477 vs. N)	Fold-Change(1-vs-3477)	p-value(3537 vs. N)	Fold-Change(1-vs-3537)	p-value(5377 vs. N)	Fold-Change(1-vs-5377)	p-value(5637 vs. N)	Fold-Change(1-vs-5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10206887	POU6f2;MIR122A		0.399233		0.317537		0.805183		0.241957		0.525609		0.973813		0.114443		0.492251		0.157751		0.270229		0.786027		0.127222		0.18606		0.745257		0.34182		0.045345		0.618617		0.816551		0.875185		0.966642		0.10451		0.205321		0.796438		0.125559		0.785815		1.05879		1.23129		0.8430887		0.619199	1
cg10584914	MCF2L;MCF2L		0.399234		0.852011		0.954146		0.104806		0.344914		1.27699		0.242706		0.604251		1.79711		1.7971		0.642654		1.12462		1.12462		0.864842		0.95256		1.0498		0.142091		1.4869		1.48669		0.275078		1.32979		0.625907		0.883838		1.13143		0.760484		0.92868		1.07268		1.21029		1.2309		0.889339	1
cg17375167	IGF1R TCEAL1;TCEAL1;TCEAL1;TCEAL1;TCEAL		0.399238		0.909115		1.0368		1.0368		0.593497		0.84244		-1.18703		0.401923		0.762237		-1.31193		0.962526		1.01498		1.01498		0.694984		1.13282		1.13282		0.976611		1.00932		1.00932		0.118632		1.70936		1.7093		0.060173		1.95608		1.95608		0.219542		1.5047		1.5047		1.20128		1.91987		1.41004	1
cg06376033	1		0.399241		0.231121		0.673371		-1.48506		0.342751		0.735113		-1.36033		0.361967		0.744526		-1.34314		0.455885		1.27009		1.27009		0.761248		0.99612		-1.00852		0.948261		1.05456		0.319966		0.723558		-1.38202		0.761249		0.537232		-1.86139		0.400021		1.31157		0.513307		0.522309		1.91488		1.39538	1
cg00570088	C19orf6;C19orf6		0.399264		0.880462		0.941962		-1.06161		0.0865581		2.2738		2.2738		0.0714705		2.39508		2.39508		0.633314		1.23202		1.23202		0.227432		1.7329		1.7329		0.437479		1.41012		1.41012		0.154576		1.93702		1.93702		0.598579		1.25204		1.25924		0.760742		0.875884		1.1417		1.2222		3.60873		2.65055	1
cg11849717	EGFR;EGFR;EGFR;EGFR		0.399272		0.254608		0.676427		-1.47836		0.180865		0.626931		-1.59507		0.432797		0.76868		-1.30093		0.109701		0.563784		-1.77373		0.415426		0.760661		-1.31465		0.987222		0.994751		-1.00528		0.466095		1.28003		1.28003		0.0971345		0.549712		-1.81913		0.282494		0.692791		-1.44344		2.102		2.7052		1.52055	1
cg06607036	MIR4521;RNF113A		0.399275		0.307613		0.551599		-1.71466		0.0486215		0.155138		-1.81555		0.408134		0.649198		-1.54036		0.204913		0.999564		0.97564		0.551726		0.723317		-1.38248		0.279851		0.563492		-1.77465		0.855279		1.0977		1.0977		0.492966		1.42688		1.42688		0.890689		0.932199		-1.07273		1.2102		4.99677		3.67012	1
cg00258480	PIM2		0.399281		0.228893		0.295537		-1.38367		0.679435		1.49152		1.49152		0.249248		0.312699		-1.31797		0.549212		0.45071		1.45071		0.583547		0.523382		1.91065		1.91065		0.119651		0.19592		-5.10413		0.360655		0.40366		-2.47733		0.440315		1.467811		-2.13761		0.6432		0.639181		1.56445		2.12319		0.783163		13.1192	1
cg00393373	ZNF518B		0.399288		0.660035		0.91547		-1.09234		0.957263		0.989365		-1.01075		0.253886		1.26836		1.26836		0.847631		0.962347		-1.03913		0.869224		1.03342		1.03342		0.659536		1.09249		1.09249		0.113748		1.3835		1.3835		0.911683		1.02238		1.02238		0.055791		0.648971		-1.5409		1.20117		0.762999		0.560436	1
cg00299295	UPF2;UPF2		0.399295		0.056091		0.444357		-2.25044		0.0335		0.029364		2.17504		0.144262		0.833849		-1.19296		0.224991		0.753512		1.24803		1.24803		0.115935		0.153335		0.641837		1.55966		1.55966		0.0144		1.84765		1.84765		0.0444		1.13847		0.341993		0.80197		-1.24683		1.22615		0.977733		0.715232	1
cg26152913	CCDC90A		0.399303		0.267487		0.769877		-1.29891		0.314126		1.26577		1.26577		0.0948703		1.55122		1.55122		0.539756		1.11263		1.11263		0.0775		1.41283		1.41283		0.589074		1.13142		0.391617		1.21983		1.29183		0.492767		1.17083		1.17083		0.214104		0.982378		0.721588	1
cg15445942	ASAP2;ASAP2		0.399316		0.544087		0.879099		-1.13753		0.589637		1.11203		1.11203		0.930245		1.01857		1.01857		0.897617		0.973483		-1.02712		0.911768		0.559776		-1.78643		0.741125		0.932803		-1.07254		0.598043		0.894069		-1.11848		1.12011		0.843736		0.615977	1
cg22613698	TMEM110		0.399333		0.83664		1.06807		1.06807		0.643578		0.861908		-1.16022		0.582288		0.840036		-1.19043		0.149611		1.63678		1.63678		0.653607		1.15496		1.15496		0.191743		1.5539		1.5539		0.0449829		2.08295		2.08295		0.92245		0.969422		-1.03154		0.474884		1.26082		1.26082		1.12008		1.94947		1.41203	1
cg16185015	ALOX12B		0.399331		0.138683		0.34997		2.54997		0.315634		2.23912		2.23912		0.944866		1.0552		1.0552		0.296302		2.31944		2.31944		0.429248		3.3976		3.3976		0.576091		1.55091		1.55091		0.859752		0.871619		-1.14729		0.710913		1.3354		1.3354		0.043247		0.68875		0.68875		1.21007		11.5677		8.49737	1
cg03142661	SCN1;SCN1B		0.399332		0.588582		0.726537		-1.37639		0.0523855		0.275111		-3.63488		0.08653		0.900753		-1.00992		0.537203		1.44125		1.44125		0.200974		1.45382		1.45382		0.239891		0.486071		-2.05731		0.317409		0.546297		-1.83051		0.388932		0.59659		-1.67635		0.510944		1.47707		1.47707		0.55865		4.81782	1
cg04376709	FHL2		0.399335		0.317277		0.596628		-1.67609		0.119309		0.42978		-2.32677		0.243752		0.543733		-1.83914		0.65023		1.25615		1.25615		0.299934		0.584687		-1.71032		0.88761		0.931792		-1.0732		0.121901		0.432734		-2.31089		0.114796		0.42454		-2.35549		0.794256		1.13947		1.13947		1.21006		4.78311		3.51357	1
cg06087909	TADA2B;CCDC96;TADA2B		0.399341		0.687329		0.954488		-1.04739		0.221282		0.642398		-1.55956		0.026742		0.739183		-1.35284		0.594343		1.06385		1.06385		0.68622		0.95431		-1.04788		0.675417		0.952669		-1.04964		0.731356		1.04122		1.04122		0.499881		1.08221		1.08221		1.02005		0.254074		0.186639	1
cg22836343	BNIP3L		0.399344		0.628321		1.18042		1.18042		0.229581		0.92949		-1.07586		0.748549		0.896407		-1.11556		0.554474		1.22544		1.22544		0.589754		0.741098		-1.34935		0.629402		0.847603		-1.1798		0.320278		0.705246		-1.41795		0.0323715		2.3441		2.3441		0.732636		1.87286		-1.12697		1.21004		2.52187		1.62776	1
cg21613389	RAP1GAP2;RAP1GAP2		0.399344		0.758677		1.1616		1.1616		0.890532		0.935249		-1.06923		0.0398948		3.17299		3.17299		0.284073		1.71768		1.71768		0.975578		1.01499		1.01499		0.547547		0.74389		-1.34429		0.990339		1.0059		1.0059		0.25761		0.563103		-1.77587		0.356188		1.58619		1.58619		1.21004		4.5288		3.32682	1
cg23542115	TMEM105;TMEM105		0.399345		0.525347		0.761964		-1.34777		0.533904		0.75232		-1.3295		0.388456		0.661622		-1.51144		0.295255		0.604502		1.65383		1.65383		0.0253638		0.355955		0.583983		0.71715		-1.39504		0.55528		0.815099		0.989189		-1.01211		0.533849		0.746622		-1.33957		1.2004		4.12123		3.02742	1
cg13397365	ME4;LKHDC3		0.399352		0.448775		0.899251		-1.11204		0.970007		1.00503		1.00503		0.34195		0.873974		-1.1442		0.416562		0.892059		1.121		1.121		0.400194		0.12551		1.12551		0.318569		0.867782		-1.15236		0.234906		0.82486		-1.18362		0.219464		0.83172		-1.20251		1.24192		2.53135		2.03966	1
cg14572709	LONRF2		0.399354		0.627053		1.17555		1.17555		0.433964		0.71757		-1.39355		0.0765		0.855604		-1.1401		0.280785		0.89561		1.0944		1.0944		0.0995		1.0944		1.0944		0.0995		0.318302		0.882329		-1.13346

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg01201138	TRPV4;TRPV4		0.399931	1.03869	0.453212	0.978935	0.453212	-1.4729	0.911215	0.945285	-1.05788	0.836229	0.901081	-1.10078	0.124706	0.432369	0.33184	0.380163	0.635004	-1.53479	0.0599162	0.342736	-3.9377	0.0877501	0.935551	-2.81254	0.83459	0.80989	-3.11125	1.20874	4.87158	3.5825	1
cg17515462	AMPD2;AMPD2;AMPD2		0.39994	0.183942	0.720697	-1.38755	0.846234	1.04615	1.04615	0.603407	0.885347	-1.1295	0.217795	0.739887	-1.35156	0.584187	1.13703	1.13703	0.504879	0.854507	-1.17027	0.475788	1.18352	1.18352	0.04641	0.588563	-1.60905	0.645286	0.807893	-1.11372	1.20871	1.03163	0.760129	1
cg14021192	PPM1G;FTH1;3;PPM1G		0.399941	0.618743	0.818201	-1.22219	0.503886	0.762403	-1.31164	0.551193	1.27272	1.27272	0.918439	1.04182	1.04182	0.825278	0.915368	-1.09246		0.726618	0.869021	-1.15072	0.0989082	2.06189	2.06189	0.735807	1.14505	1.14505	0.0575594	0.423607	-2.36068	1.08771	3.06222	2.25196	1
cg08734895	ARHGEF10L;ARHGEF10L		0.960682	0.965732	-1.03549	0.143932	3.03549	3.035549	0.243784	2.34994	2.34994	0.682433	1.33769	1.33769	0.183937	0.301497	-3.31678		0.69607	1.32002	1.32002	0.817479	1.17763	1.17763	0.23545	1.44969	2.40949	0.38343	0.531467	-1.88159	1.2087	9.57558	7.04196	1
cg21388745	KCNK5 CAPN3;CAPN3;CAPN3;CAPN3;C		0.399952	0.500925	0.895471	-1.11673	0.344537	1.17041	1.17041	0.253586	1.21251	1.21251	0.669216	0.9329	-1.07193	0.804851	1.04082	1.04082	0.471052	1.1258	1.1258	0.0661019	1.3954	1.3954	0.908538	0.981598	-1.01875	0.214096	0.809448	-1.23541	1.20869	0.500003	0.36771	1
cg27372482	APN3;CAPN3;CAPN3;CAPN3		0.399959	0.511589	1.233	1.233	0.093543	1.78655	1.78655	0.454113	0.786701	-1.27113	0.464652	1.26382	1.26382	0.56262	0.8318	-1.20221		0.777133	0.914586	-1.09339	0.124664	1.6871	1.6871	0.574774	1.19524	1.19524	0.155294	1.61356	1.61356	1.20867	1.89486	1.39353	1
cg24144175	PPP3R1		0.399961	0.702439	0.855813	-1.16848	0.239779	1.64759	1.64759	0.164493	1.82509	1.82509	0.165788	0.549062	-1.82129	0.798992	1.10906	1.10906		0.922208	0.961153	-1.04042	?	?	0.720148	0.864218	-1.15712	0.190743	0.570065	-1.75418	1.20324	2.78229	2.31649	1
cg26268248	CACNG4		0.399966	0.265182	0.85278	-1.17264	0.134543	0.801492	-1.24767	0.944842	0.900556	-1.00953	0.862624	1.02404	1.02404	0.398864	1.12576	1.12576		0.105901	1.27407	1.27407	0.673496	1.05984	1.05984	0.829058	1.0321	1.0321	0.275673	1.16827	1.16827	1.28866	0.360049	0.264792	1
cg00040380	RPS27		0.399971	0.33949	0.76483	-1.30748	0.476004	0.820884	-1.2182	0.441182	1.23849	1.23849	0.0594107	1.78514	1.78514	0.850683	1.05266	1.05266		0.458575	0.814212	-1.22818	0.254498	0.723236	-1.38267	0.61672	0.871603	-1.14731	0.589591	1.15987	1.15987	1.20865	1.41964	1.04406	1
cg09731411	PGLYRP2		0.399972	0.702468	1.38233	1.38233	0.0477053	1.83653	1.83653	0.158311	1.65193	1.65193	0.92895	2.40858	2.40858	0.0730135	2.61308	2.61308		0.503102	1.72885	1.72885	?	?	0.703918	0.729212	-1.36015	0.0538122	0.171422	0.883548	1.20321	10.9934	9.13667	1
cg25630910	CDK23P1;CDK24		0.399974	0.314767	0.607016	-1.6474	0.066763	0.372687	-2.68322	0.487873	0.712882	-1.40276	0.915236	1.05246	1.05246	0.174632	0.499889	-2.00045		0.27857	0.582146	-1.71778	0.129085	0.454945	-2.19807	0.206727	0.527565	-1.8955	0.808403	1.23374	1.12374	1.20864	4.44431	3.24648	1
cg00222995	ZBTB9		0.399977	0.653966	0.561727	-1.78102	-2.80798	0.228813	1.81467	1.81467	0.606365	1.28331	1.28331	0.753683	0.86142	-1.16087	0.525968	0.734717	1.35425		0.633743	-1.51492	0.0929641	1.0658	1.0658	0.591974	1.29087	1.29087	1.2022	3.72208	3.13504	1
cg06612534	RARRES1;RARRES1		0.399984	0.0878871	-1.35401	-2.8247	0.810542	1.14075	1.14075	0.44075	0.893161	-1.12213	0.752823	0.860157	-1.19025	0.130573	0.406532	-2.45983		0.183397	0.459248	-2.17747	0.140112	0.816824	-2.39909	0.495838	0.683021	-1.46408	0.156093	0.433222	-2.30828	1.02862	5.81758	4.27859	1
cg21306218	ZNF276;C1orf7;ZNF276;ZNF276		0.399987	0.0560336	0.59197	-1.68927	0.92305	1.02368	1.02368	0.929274	1.02174	1.02174	0.0994524	0.645679	-1.54876	0.528466	1.16732	1.16732		0.449674	0.829767	-1.20516	0.396933	0.810476	-1.23384	0.845088	0.953717	-1.04853	0.5005555	1.18014	1.18014	1.20861	1.12331	0.826152	1
cg06958535	LAX1;LAX1;LAX1		0.399993	0.275224	0.751735	-1.40502	0.348311	0.771179	-1.29569	0.474463	0.583232	-1.71458	0.357312	0.657351	-1.51216	0.398644	1.12626	1.12626		0.137002	1.1035	1.1035	0.160334	1.56723	1.56723	0.479138	0.806114	-1.24052	0.0910283	0.572555	-1.74656	1.2086	1.9771	1.26333	1
cg14911223	FNAR1		0.399998	0.697346	0.945363	-1.05739	0.337427	0.867467	-1.15278	0.629115	0.932426	-1.07247	0.751286	0.955316	-1.04677	0.480384	1.10864	1.10864		0.610862	0.928888	-1.07657	0.0281337	1.45176	1.45176	0.89526	0.981242	-1.01932	0.610247	1.0767	1.0767	1.20859	0.395624	0.290973	1
cg24760965	TPRL;TPRL;TPRL;TPRL		0.400007	0.537024	1.0294	1.0294	0.048779	1.4532	1.4532	0.962074	0.993209	-1.00684	0.999937	1.00001	1.00001	0.128184	1.13365	1.13365		0.9779	1.00461	1.00461	0.477126	0.746009	0.946317	-1.05673	0.390134	0.863934	-1.1575	1.20857	0.538017	0.388352	1
cg27244775	ARHGAP27;ARHGAP27;ARHGAP27		0.400015	0.946909	1.02995	1.02995	0.143372	0.498136	-2.00748	0.244814	0.583232	-1.71458	0.357312	0.657351	-1.51216	0.398644	1.12626	1.12626		0.687252	0.832595	-1.20049	0.105629	0.457938	-2.1837	0.870216	1.07515	1.07515	0.711821	1.17873	1.17873	1.20855	3.75919	2.76489	1
cg26851112	NTM		0.400018	0.604758	0.700594	-1.42736	0.0472613	0.212288	-4.69748	0.077067	0.261919	-3.81797	0.97279	1.02352	1.02352	0.895582	0.9144	-1.09361		0.609313	0.703794	-1.42087	0.822388	0.85794	-1.16558	0.692046	1.13168	1.13168	0.476348	1.63808	1.63808	1.20854	8.88964	6.53838	1
cg07597714	ASAP3;ASAP3		0.400019	0.108372	0.825811	-1.21082	0.0790962	0.865045	-1.15595	0.243767	0.738951	-1.35323	0.837054	0.967313	1.03396	0.0610949	0.759759	1.07572		0.958096	0.98723	-1.01294	0.335602	0.784374	-1.27449	0.784078	0.915407	-1.0853	0.102791	0.646231	-1.54743	1.20854	1.14515	0.842268	1
cg13755204	VAV2;VAV2		0.400025	0.778001	1.1412	1.1412	0.168499	1.98522	0.680419	0.827235	-1.20885	0.220653	0.547858	-1.82529	0.34907	1.56907	1.56907		0.546578	1.32993	1.32993	0.145329	2.07666	2.07666	0.227245	0.553004	-1.8083	0.966897	1.01958	1.01958	1.20853	4.17997	3.07443	1
cg10675453	PRCKL6;TOMM6		0.400046	0.4463796	0.91564	-1.09218	0.79042	0.931848	-1.07314	0.812478	0.975573	-1.02564	0.983626	1.02139	1.02139	0.664536	1.11339	1.11339		0.727331	1.15479	1.15479	0.342064	1.34759	1.34759	0.0707854	1.15152	1.15152	0.0489177	1.1127	1.1127	1.20848	1.15562	0.864477	1
cg10812733	LMTK3		0.400047	0.444869	1.30679	1.30679	0.340635	1.40126	1.40126	0.471496	1.28613	1.28613	0.0624459	0.486545	-2.05531	0.601968	1.19816	1.19816		0.178796	0.61219	-1.63348	0.598602	1.20021	1.20021	0.950637	1.0215	1.0215	0.756492	1.11278	1.11278	1.20848	2.25906	1.66164	1
cg00545131	DTX4		0.400048	0.525942	0.751809	-1.33012	0.669225	0.826322	-1.21018	0.386455	0.674288	-1.48305	0.210131	0.556395	-1.79726	0.0609293	0.405728	-2.4647		0.322671	0.635411	-1.57378	0.487195	1.368	1.368	0.237961	1.73105	1.73105	0.773072	0.879555	-1.13694	1.20848	3.77145	2.77408	1
cg06646046	MAPKBP3;MAPKBP3		0.400052	0.532086	0.975853	-1.02504	0.749313	1.01749	1.01749	0.907753	1.07143	1.07143	0.198479	1.56458	1.56458	0.0160159	1.51153	1.51153		0.095229	1.04281	1.04281	0.556392	1.44201	1.44201	0.115567	1.21557	1.21557	0.0698108	0.840964	-1.18911	1.20847	1.37984	1.27799	1
cg15574263	CHID1;CHID1;CHID1;CHID1;CHID1		0.400056	0.35753	0.85074	-1.17545	0.712521	0.938732	-1.06527	0.926184	0.984294	-1.01596	0.198854	1.26105	1.26105	0.986177	1.00296	1.00296		0.844112	1.0342	1.0342	0.615942	0.917227	-1.09024	0.996184	1.00082	1.00082	0.0323638	1.53422	1.53422	1.20846	0.558576	0.410864	1
cg21552653	ZNF470;ZNF470		0.400057	0.544684	1.05894	1.05894	0.380023	0.929461	-1.07543	0.865641	0.993209	-1.00684	0.999937	1.00001	1.00001	0.128184	1.13365	1.13365		0.9779	1.00461	1.00461	0.477126	0.746009	0.946317	-1.05673	0.390134	0.863934	-1.1575	1.20857	0.538017	0.388352	1
cg00444936	AGFG1;AGFG1;AGFG1;AGFG1		0.400076	0.719912	0.958713	-1.04306	0.414103	1.0227	1.0227	0.298944	0.881558	-1.13436	0.713899	1.04006	1.04006	0.387939	1.10918	1.10918		0.726839	0.959764	-1.04192	0.595526	0.939256	-1.06467	0.999031	0.999858	-1.00014	0.0335897	1.33733	1.33733	1.20841	2.62425	0.193036	1
cg04355093	WDFY3;C4orf12;WDFY3		0.40008	0.721181	1.1055	1.1055	0.769116	1.08587	1.08587	0.819679	1.06599	1.06599	0.182998	1.4851	1.4851	0.714016	0.90211	-1.10851		0.556735	0.846736	-1.18101	0.213388	1.41865	1.41865	0.0340794	1.99822	1.99822	0.417209	1.26119	1.26119	1.2084	1.4993	1.10287	1
cg07854547	SIDT1		0.400084	0.926126	1.0191	1.0191	0.611108	1.06546	1.06546	0.147749	1.37288	1.37288	0.145611	1.36466	1.36466	0.0613395	1.0688	1.0688		0.851041	1.062364	-1.0911	0.30176	0.80387	-1.24398	0.852416	0.899353	-1.07629	0.226179	1.30049	1.30049	1.20837	0.796013	0.586216	1
cg17309592	BSN		0.400096	0.727657	0.936647	-1.06764	0.150085	0.725606	-1.37816	0.781824	0.949355	-1.05335	0.14338	0.744996	-1.34229	0.0770294	0.685199	-1.45943		0.874619	1.03	1.03	0.73734	0.844016	0.818481	-1.22146	0.918441	1.12818	1.12818	0.332661	0.829371	-1.20573	1.20837	0.67071	0.493381	1
cg12547959	TRIO		0.400104	0.689234	1.08154	1.08154	0.414609	0.883554	1.13165	0.556264	1.19662	1.19662	0.682565	0.872073	-1.14658	0.0436355	0.716556	1.42019		0.923937	1.0481	1.0481	0.0257767	1.14186	1.14186	0.0210657	1.10486	1.10486	0.0210657	0.634844	-1.57552	1.20836	1.03152	0.844377	1
cg19418924	PHLDA2		0.400115	0.644043	0.850387	-1.17594	0.253946	0.66037	-1.5143	0.0322174	0.417413	-2.39571	0.56971	0.818444	-1.22183	0.738027	0.889656	1.12403		0.789914	1.09747	1.09747	0.236985	0.649502	-1.53964	0.269629	0.670044	-1.49244	0.18036	0.609263	-1.64133	1.20833	2.32179	1.70799	1
cg18724257	RPT1		0.400122	0.0307357	0.598331	-1.67132	0.61093	1.10943	1.10943	0.622036	1.1058	1.1058	0.589786	1.11546	1.11546	0.946686	1.01363	1.01363		0.511356	0.873877	-1.14433	0.840979	1.03931	1.03931	0.988445	1.00294	1.00294	0.247028	1.2776	1.2776	1.20831	0.783921	0.576689	1
cg00032686	FGFRL1;FGFRL1;FGFRL1		0.400127	0.165339	0.891564	-1.12183	0.0926571	0.49098	-2.03705	0.0970579	0.880006	-1.13524	0.472966	1.32177	1.32177	0.0470564	1.34121	1.34121		0.311662	1.4083	1.4083	0.0201648	2.28872	-1.19872	0.169737	0.485457	1.26094	1.26094	0.240765	1.50636	1.20831	2.04705	1.50636	1
cg18894648	LOC645323;LOC645323		0.40013	0.125852	1.51199	1.51199	0.508386	1.18231	1.18231	0.54995	1.16298	1.16298	0.0347049	1.84878	1.84878	0.493546	0.840669	-1.18953		0.941949	1.01834	1.01834	0.632356	0.886645	-1.12785	0.825844	1.05655	1.05655	0.775045	1.07414	1.07414	1.20829	1.19229	0.877119	1
cg27272531	KDM1B		0.400136	0.0704264	0.703946	-1.42066	0.0155564	0.22377	-4.46927	0.0628107	0.15039	0.50039	0.537691	0.821894	-1.21712	0.350188	0.70359	-1.42152		0.545682	0.798502	-1.25234	0.379371	1.39314	1.39314	0.0816587	1.12441	1.12441	0.0927251	1.15735	1.15735	1.20828	1.70006	1.26455	1
cg16717740	GATAD2A		0.400136	0.215378	0.716733	-1.39522	0.923514	1.02483	1.02483	0.102281	0.63338	-1.57883	0.942795	1.02985	1.02985	0.500545	1.19084	1.19084		0.325347	0.771529	-1.29613	0.119863	1.53876	1.53876	0.695917	0.904551	-1.10552	0.979253	0.993381	1.00666	1.20828	1.24828	0.918313	1
cg21297772	SLC5A9;SLC5A9		0.400138	0.327291	0.780421	-1.28136	0.494062	0.843447	-1.18561	0.132782	0.671902	-1.48831	0.510012	0.848877	-1.17803	0.197389	0.716003	-1.39664		0.806773	1.06192	1.06192	0.099946	1.55575	1.55575	0.688642	0.905968	-1.10379	0.596242	0.877139	-1.14007	1.20827	1.15022	0.846177	1
cg00329136	RENBP;NAA10		0.400139	0.170884	0.762048	-1.31165	0.0515544	0.22377	-4.46927	0.0628107	0.15039	0.50039	0.537691	0.821894	-1.21712	0.350188	0.70359	-1.42152		0.545682	0.798502	-1.25234	0.379371	1.39314	1.39314	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	Fold-Change(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg18376106	PDM12	C	0.4005	0.479134	0.088259	-1.12961	0.644696	0.924354	-1.08184	0.312878	0.837921	-1.10343	0.2860827	0.82887	-1.20646	0.332039	0.844067	-1.18474	0.0185027	0.616372	-1.6224	0.753065	0.547941	-1.05492	0.9765567	1.00499	1.00499	0.982776	0.09635	1.00366	1.2074	0.548737	0.401881	1
cg02124458	SRF72	0.40052	0.110521	0.735105	-1.36035	0.769267	0.94928	-1.05343	0.435933	1.15103	1.090205	0.723631	-1.38192	0.879396	1.02723	1.02723		0.704715	1.0697	1.0697	0.19965	1.27097	0.843522	0.965632	-1.03559	0.730673	1.06306	1.06306	1.2074	0.598819	0.440852	1
cg00849368	ARSK;TTC37	0.40054	0.931462	1.02029	1.02029	0.584696	0.879064	-1.13757	0.182938	1.39104	1.39104	0.7715544	1.07036	1.07036	0.251829	1.32258	1.32258	0.928512	0.979261	-1.02118	0.0730717	0.626953	-1.59502	0.2420884	1.33102	1.33102	0.888091	1.03343	1.03343	1.20739	1.04303	0.767886	1
cg15847604	ETV6	0.40053	0.35212	0.832663	-1.20097	0.3522	1.20091	1.20091	0.209215	0.775627	-1.28928	0.439005	0.8600664	-1.1627	0.562774	0.894045	-1.11807	0.471485	1.15008	1.15008	0.095129	1.42525	1.42525	0.974976	0.9940045	-1.00599	0.4501888	1.15827	1.15827	1.23188	0.6934902	0.437222	1
cg04398391	SH3BP1;LOC100287216	0.40057	0.177086	0.752661	-1.33287	0.196651	0.760784	-1.31443	0.5349	1.13413	1.13413	0.729185	0.91276	-1.07209	0.155277	0.737435	-1.35605	0.504659	0.8732	-1.14521	0.242576	0.782759	-1.27753	0.6967114	0.924552	-1.08161	0.212064	1.30117	1.30117	1.20739	0.7670022	0.564688	1
cg19537969	EPYC	0.40058	0.530527	0.640671	-1.56086	0.834916	1.15747	1.15747	0.961166	1.05471	1.03471	0.3606227	0.473836	-1.20156	0.0853745	0.26376	-1.79132	0.142823	0.331642	-1.0153	0.0618554	0.22914	-4.36414	0.587805	0.6835135	-1.46728	0.4008803	0.547349	-1.82699	1.20737	0.39043	0.913943	1
cg24739407	SPAG16	0.40048	0.819969	1.14025	1.14025	0.209631	2.08807	2.08807	0.719748	0.818231	-1.22215	0.240583	1.98198	1.98198	0.408151	0.624327	-1.60172	0.909981	1.065	1.065	0.352602	1.70335	1.70335	0.04203395	3.68563	3.68563	0.565246	1.38221	1.38221	1.20736	5.92829	4.36455	1
cg13446270	DNTT;DNTT	0.40049	0.423213	0.640259	-2.22094	0.7251449	0.127668	-7.83181	0.0495303	0.512368	-8.89936	0.967458	1.0406	1.0406	0.946635	0.58853	-1.57381	0.638442	0.628823	-1.59027	0.442541	0.465899	-2.14639	0.573932	0.574534	-1.74094	0.724204	1.41188	1.41188	1.20736	18.1957	13.3961	1
cg13679083	ARL15	0.40053	0.0865474	0.693223	-1.44129	0.292588	0.0865474	-1.90249	0.274939	0.562124	-1.43708	0.4153087	0.8694406	-1.15021	0.568357	0.894647	-1.11776	0.481362	1.14819	1.14819	0.153808	1.34288	1.34288	0.537211	0.8863559	-1.12831	0.189673	1.22	1.20735	0.712833	0.524809	1
cg01730534	CACYBP;CACYBP	0.40055	0.940116	0.970845	-1.03003	0.313144	1.50812	1.50812	0.337976	0.677732	-1.47551	0.289263	1.5422	1.5422	0.946299	0.973821	-1.02688	0.372472	1.43418	1.43418	0.0844082	0.471529	-2.12076	0.739105	0.876667	-1.14068	0.265152	1.57986	1.57986	1.20735	2.9657	2.18345	1
cg07193148	TPSG1; ASFMR1;FMR1;ASFMR1;ASFMR1;ASFM	0.40056	0.311126	0.781302	-1.27962	0.441173	0.846923	-1.18021	0.13234	0.69693	-1.43486	0.24619	0.70796	-1.41246	0.265447	0.8003	-1.24938	0.1655	1.1814	1.1814	0.0178934	1.6556	1.6556	0.0178934	0.0441141	-1.06254	0.240734	1.05989	1.05989	1.20735	0.7803126	0.5611	1
cg03513471	R1;ASFMR1	0.40062	0.236407	0.135762	-7.36585	0.484197	0.318459	-3.14012	0.646081	0.475104	-2.1048	0.29922	0.65042	0.651042	0.431537	0.64066	0.64066	0.083502	0.045805	-21.8317	0.144146	0.0800264	-12.4959	0.795472	0.658295	-1.51908	0.856389	0.747087	-1.33853	1.20733	49.5363	36.4707	1
cg27002264	KIAA1324L	0.40074	0.957586	0.990963	-1.00912	0.982703	1.00371	1.00371	0.0834939	1.38678	1.38678	0.936054	0.986397	-1.01379	0.12647	0.754146	-1.326	0.870137	1.02832	1.02832	0.928141	1.01552	1.01552	0.761448	1.05334	1.05334	0.112997	1.34236	1.34236	1.20731	0.557059	0.410139	1
cg04022097	PRDM16;PRDM16	0.40074	0.256687	0.445116	-2.24661	0.937506	0.105526	0.155526	0.413861	1.77025	1.77025	0.739754	1.25599	1.25599	0.156265	0.354538	-2.82057	0.189777	2.58457	2.58457	0.219137	0.413306	-2.49151	0.248269	0.438144	-2.28235	0.902514	0.919634	-1.08739	1.2073	8.93819	6.58083	1
cg02880877	HDAC2	0.40076	0.368094	0.409851	-2.2735	0.95401	1.05194	1.05194	0.312668	1.27268	1.27268	0.7181	1.2177	1.2177	0.581141	0.64059	-1.56098	0.757602	0.759552	-1.31657	0.0748607	0.171604	-5.82738	0.332486	0.5370648	-2.96166	0.215303	0.313893	-3.1858	1.2073	0.05912	0.11111	1
cg12908399	ACTA1	0.40058	0.738772	1.28454	1.28454	0.200427	2.75072	2.75072	0.623951	1.4473	1.4473	0.681416	1.36185	1.36185	0.695701	0.745205	-1.34191	0.880691	0.893711	-1.11893	0.737614	0.777585	-1.28603	0.02256881	7.71705	7.71705	0.44986	1.7791	1.7791	1.20729	10.7035	7.88068	1
cg25235748	FLRT2	0.40059	0.366894	0.67836	-1.47327	0.568688	1.27229	1.27229	0.417424	0.707318	-1.41399	0.453657	0.780802	-1.37588	0.545811	0.884031	-1.60396	0.814697	0.906519	-1.10312	0.320484	1.69194	1.69194	0.8103227	0.904326	-1.1058	0.369012	0.679985	-1.47062	1.20728	3.34129	2.46211	1
cg15233880	CCND3	0.40061	0.122456	0.385645	-2.59306	0.19527	0.459492	-2.18107	0.113868	0.881269	-2.62282	0.554115	1.40580	1.40580	0.853583	0.702355	-1.42378	0.559225	1.19961	1.19961	0.30149	0.974696	-1.14325	0.192857	0.456133	-2.19138	0.660933	1.27709	1.27709	1.20727	6.19642	4.56231	1
cg00064950	SLC2A4	0.40059	0.699865	1.0396	1.0396	0.127503	0.847698	-1.17967	0.922485	0.990289	-1.00981	0.833973	0.979175	-1.02127	0.592036	1.05574	1.05574	0.98736	1.00159	1.00159	0.039108	0.787102	-1.27048	0.493466	1.07222	1.07222	0.526889	0.937739	-1.06639	1.20727	0.192217	0.141526	1
cg03554914	MAST1	0.40060	0.923893	0.942154	-1.07933	0.945389	1.48075	1.48075	0.642582	0.8117	0.8117	0.878911	1.06621	1.06621	0.30227	1.13054	1.13054	0.224536	0.50743	-1.97083	0.327133	1.50567	1.50567	0.932405	0.966364	-1.03481	0.725642	1.867399	1.867399	1.20725	1.31699	1.29302	1
cg12496807	HCG22	0.40060	0.523471	1.19792	1.19792	0.234493	0.706062	-1.41631	0.566754	1.17553	1.17553	0.430402	1.25205	1.25205	0.18514	1.48624	1.48624	0.14415	0.645193	-1.54992	0.347493	1.33018	1.33018	0.580341	1.16879	1.16879	0.315326	1.33639	1.33639	1.20723	1.49141	1.09813	1
cg00567872	CUX1;CUX1;CUX1	0.40061	0.496045	1.88827	1.88827	0.398398	2.78254	2.78254	0.822463	1.88109	1.88109	0.382056	1.72557	1.72557	0.107737	1.38242	1.38242	0.454622	1.14733	1.14733	0.0462246	2.64426	2.64426	0.0294943	1.82999	1.82999	0.132748	1.62423	1.62423	1.20722	4.64547	3.41792	1
cg05245655	SIX5;SIX5	0.40063	0.936926	1.05883	1.05883	0.52166	0.625539	-1.59862	0.911732	1.08339	1.08339	0.792955	0.826953	-1.20926	0.175717	0.353457	2.8292	0.672758	0.739092	-1.35301	0.79567	1.20617	1.20617	0.0746941	4.19579	4.19579	0.14108	3.13732	3.13732	1.20722	9.97563	7.34518	1
cg17680092	ABLIM3	0.40014	0.168764	0.34029	-2.93867	0.144569	3.16467	3.16467	0.590426	1.49098	1.49098	0.945845	1.05121	1.05121	0.160219	0.331887	-3.01307	0.99257	1.00687	1.00687	0.303248	0.456618	-2.19002	0.716718	0.764999	-1.30719	0.25717	0.419226	-2.38535	1.20722	10.3326	7.60806	1
cg18344154	ETV1;ETV1	0.40015	0.293393	0.484157	-2.06535	0.44685	0.729587	0.612422	-1.63286	0.880625	0.530398	-1.88545	0.7726642	0.680799	1.03849	1.03849	0.26701	0.655544	1.1235	1.1235	0.0844802	0.574915	1.74412	0.0298402	0.744161	-1.34842	0.648413	0.976813	-1.02374	1.20721	2.19571	1.61673	1
cg09329266	TCF19;TCF19;CCHCR1	0.40063	0.338492	0.743325	-1.34531	0.0558555	0.521384	-1.91797	0.98757	0.995328	-1.00469	0.916738	0.96905	-1.03194	0.421374	0.78119	-1.2801	0.739685	0.904612	-1.10545	0.0638501	0.534584	-1.87061	0.76198	0.649576	-1.53947	0.510161	0.818044	-1.22243	1.20721	1.72807	1.27241	1
cg22801400	LOC100188947;HECTD2;HECTD2	0.40065	0.718746	0.896877	-1.11498	0.803624	0.842664	-1.55602	0.723669	0.899337	-1.11195	0.295818	0.701826	-1.42496	0.197132	0.711264	-1.4056	0.253414	0.6084	-1.64384	0.0323874	0.379153	-2.63993	0.1194	0.133567	-7.48503	0.379583	0.132563	-7.54261	1.20721	3.73153	2.72504	1
cg14939096	C7orf50;C7orf50;C7orf50	0.40056	0.53408	1.47203	1.47203	0.032417	0.65392	-1.65399	0.72697	2.30568	2.30568	0.42196	1.65476	1.65476	0.156753	2.21081	2.21081	0.222385	2.19755	2.19755	0.111955	2.53583	2.53583	0.136834	4.6841	4.6841	0.543431	1.45882	1.45882	1.20712	1.20723	0.53719	1
cg00763223	DAB1;MIR548D2	0.40066	0.767224	0.947314	-1.05562	0.594722	1.10286	1.10286	0.407048	0.856718	-1.16724	0.787429	0.951913	-1.05052	0.0444432	0.656474	-1.52329	0.479641	0.877194	-1.14	0.162094	1.31283	1.31283	0.966542	0.992381	-1.00768	0.487978	0.879437	-1.13709	1.2071	0.635604	0.468048	1
cg09756115	SAMD11	0.40067	0.415392	0.944154	-1.05933	0.845389	1.42323	1.42323	0.551493	0.730737	-1.36897	0.241918	0.739308	-1.35206	0.0731282	0.507751	-1.97	0.769671	0.899338	-1.11193	0.166209	0.602947	-1.65852	0.601267	0.707077	-1.41394	0.240142	0.843469	-1.18569	1.20707	0.677735	0.859967	1.03144	0.83469	1
cg07218880	UPF3A;UPF3A	0.40062	0.980652	1.00967	1.00967	0.480741	2.45201	2.45201	0.959805	0.980193	-1.02021	0.243955	1.93579	1.93579	0.553802	0.788403	-1.26839	0.795668	0.902114	-1.10851	0.723375	0.868425	-1.15151	0.843747	0.924654	-1.08149	0.245142	1.62026	1.62026	1.20706	3.0124	2.21835	1
cg08045323	C19orf39	0.40083	0.327307	0.616558	-1.62191	0.717518	0.840505	-1.18976	0.919045	1.04982	1.04982	0.892184	1.06701	1.06701	0.227778	0.545814	-1.83213	0.103264	0.426452	-2.34403	0.138324	0.455592	-2.19494	0.0973029	0.418866	-2.3874	0.704867	0.919959	-1.08719	1.20704	4.47212	3.21988	1
cg02796773	PTPN13;PTPN13;PTPN13;PTPN13;PTPN	0.40084	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.338067	2.85499	2.85499	7	?	0.294167	1.38416	1.06831	3.95518	11.1264	1
cg08337482	PRDM16;PRDM16	0.40085	0.799731	0.918657	-1.08855	0.278287	0.686428	-1.45682	0.189193	0.628634	-1.59075	0.645239	0.856657	-1.16733	0.393972	0.747209	-1.33831	0.403682	1.33002	1.33002	0.433528	1.30568	1.30568	0.481341	1.26982	1.26982	0.176804	0.752121	1.91894	1.20706	2.12939	1.5681	1
cg09515229	ADAM32	0.40086	0.3171	0.689885	-1.44952	0.720659	0.879074	-1.13756	0.501941	0.783006	-1.27713	0.829813	1.08033	1.08033	0.573363	0.815267	-1.22659	0.735475	1.12944	1.12944	0.0875076	1.96816	1.96816	0.723135	0.880131	-1.13619	0.0826622	0.50162	-1.99354	1.20706	2.4632	1.81392	1
cg17851194	FAM120B	0.40087	0.866399	1.04107	1.04107	0.425603	0.920059	1.08015	0.908661	0.914099	-1.09397	0.687464	0.97832	-1.02243	0.0917312	0.435599	-2.29577	0.754252	1.12962	1.12962	0.648275	1.16142	1.16142	0.364119	0.940	0.94	0.786018	1.18024	1.18024	1.20703	11.7079	8.62201	1
cg12140468	C1orf31	0.40071	0.389404	1.24117	1.24117	0.996286	0.998861	-1.00114	0.321626	0.778166	-1.28507	0.968773	0.990457	-1.00964	0.344529	0.787811	-1.26934	0.157208	0.690357	-1.44853	0.0822088	0.623974	-1.60263	0.309258	1.29402	1.29402	0.992164	1.00241	1.00241	1.20702	1.14703	0.84471	1
cg06431953	LOC282997;PDCD4;PDCD4	0.40070	0.801488	0.930992	-1.07412	0.354121	0.762972	-1.31066	0.63018	0.871364	-1.14763	0.316248	0.74521	-1.3419	0.0352349	0.498524	-2.00592	0.505759	1.12124	1.12124	0.356016	1.30926	1.30926	0.49194	0.82028	-1.2191	0.929929	1.02528	1.02528	1.20702	1.54002	1.13412	1
cg07763198	KDEC;KDEC	0.40072	0.399257	0.864519	-1.15685	0.403533	0.720337	-1.38737	0.187792	0.760426	-1.31544	0.468313	0.7681	-1.30233	0.0966203	0.450845	-2.2093	0.630591	1.05961	1.05961	0.0254143	0.921543	-1.08475	0.7154	0.8254	-1.21179	0.0525	0.543108	0.90117	-1.10967	0.320701	0.274543	1.20695	0.86451	1
cg11717054	NLRP6	0.40076	0.0968258	0.496427	-2.01439	0.84553	0.927795	-1.07782	0.152896	0.529246	-1.88948	0.938717	0.970888	-1.02998	0.56002	0.797369	-1.25412	0.728789	0.874815	-1.1431	0.0486705	0.42097	-2.37547	0.550733	0.79299	-1.26105	0.256067	0.63412	-1.57699	1.20701	2.82211	2.07831	1
cg12099658	MMP16;MMP16	0.40078	0.0107323	0.384683	-2.60035	0.0134636	0.168872	-5.92184	0.0138443	0.140393	-7.12033	0.0408807	0.13775	-7.25866	0.0104766	0.0113493	-8.80867	0.655544	1.1235	1.1235	0.0844802	0.574915	1.74412	0.0298402	0.744161	-1.34842	0.648413	0.976813	-1.02374	1.20701	2.19571	1.61673	1
cg10286219	IQCA1; PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.40075	0.135783	0.32008	-3.12422	0.574449	0.49487	1.49487	0.729476	1.27891	1.27891	0.418668	0.556769	-1.79608	0.097628	0.275839	-3.6253	0.346505	0.503098	-1.98769	0.570977	0.666464	-1.50046	0.0858942	0.260545	-3.83811	0.739387	0.785281	-1.27343	1.20699	0.59945	0.70952	1
cg12304937	PRKAR1B;PRKAR1B	0.40079	0.501832	0.712585	-1.40334	0.322722	0.166245	1.66245	0.34388	0.615879	-1.62369	0.641709	0.792191	-1.26232	0.543	0.736327	-1.35809	0.235315	1.8558	1.8558	0.252856	0.160918	-6.21169	0.0316796	0.336709	-2.97033	0.144073	0.459256	-2.17744	1.20696	4.72393	3.47903	1
cg18289581	EFS;EFS	0.40073	0.231192	0.375798	-2.661	0.0447798	0.166109	-6.02013	0.107312	0.254164	-3.93446	0.763805	1.26471	1.26471	0.516021	0.598575	-1.67064	0.855001	1.15322	1.15322	0.354016	0.475639	-2.10243	0.478256	0.570169	-1.75387	0.930416	1.07043	1.07043	1.20695	11.6086	8.5494	1
cg03388080	FEZ1;FEZ1	0.40074	0.543393	0.945154	-1.05817	0.395369	1.13814	1.13814	0.400803	1.12651	1.12651	0.386626	0.884331	-1.13061	0.0178353	0.432442	-2.31222	0.578221	1.0809	1.0809	0.378833	1.38523	1.38523	0.925355	0.987104	-1.01306	0.847993	0.97377	-1.02694	1.20693	0.366712	0.270092	1
cg17147820	SYT7	0.40045	0.214418	0.638431	-1.56634	0.209669	1.57448	1.57448	0.241822	0.656649	-1.52288	0.502438	0.791612	-1.26325	0.257117	0.666274	-1.50088	0.391117	1.739577	-1.35212	0.105351	0.544723	-1.8358	0.508479	0.794299	-1.25897	0.314979	0.699961	-1.42865	1.20692	2.25312	1.6594	1
cg00934122	GDF1;DDR1	0.40075	0.701805	1.54139	1.54139	0.869795	0.944468	-1.0588	0.669718	0.872646	-1.14594	0.974555	1.88099	1.88099	0.48077	1.25208	1.25208	0.779069	-1.32558	0.404534	0.770644	-1.29762	0.234993	1.55871	1.55871	1.2069	2.13865	1.7077	1
cg03139904	NUDCD3	0.40055	0.756606	1.07687	1.07687	0.61588	0.886464	-1.12808	0.847228	1.04228	1.04228	0.907973	1.02793	1.02793	0.220759	1.58891	1.58891	0.563745	1.44918	1.44918	0.0426519	0.540564	-1.84992	0.72797	1.08075	1.08075	0.951084	1.01472	1.01472	1.2069	1.08498	0.799092	1
cg13663978	UBE2L6;UBE2L6	0.40057	0.291203	0.25773	0.25773	0.76322	1.22711	1.22711	0.0483526	1.19065	1.19065	0.212204	1.21201	1.21201	0.0665	1.70582	1.70582	0.292459	2.2526	2.2526	0.540221	1.58572	1.58572	0.7958	1.21267	1.21267	0.608864	0.681315	1.46775	1.2069	10.5671	7.78278	1
cg27270965	KIF26B	0.40079	0.128574	0.342067	-2.90775	0.144569	0.659199	-1.51453	0.422526	0.814108	-1.22859	0.775744	0.98908	-1.01099	0.0559197	0.342067	-2.92462	0.631004	1.24018	1.24018	0.185965	0.775744	1.28906	0.0559197	0.742611	-1.34647	0.553782	0.744611	-1.34161	1.20687	0.400057	0.294644	1.36102	1
cg01250961	EMX2OS DSC1;DSC1;DSC1;DSC1;DSC1;TSNAX-	0.40078	0.0423894	0.548832	-1.82205	0.179147	0.693322	-1.44233	0.795896	0.935636	-1.06879	0.316262	0.766658	-1.30436	0.460867	0.824741	1.2125	0.733096	0.915896	-1.09183	0.0817677	0.609542	-1.64058	0.44833	0.820107	-1.21935	0.909262	0.971162	-1.02969	1.20685	1.25909	0.927366	1
cg23209941	DSC1;DSC1;DSC1;DSC1;DSC1	0.40080	0.847131	0.855065	-1.1695	0.303041	2.3762	2.3762	0.434107	1.91076	1.91076	0.882902	0.887302	-1.12701	0.962284	1.03911	1.03911	0.451918	0.537005	-1.86218	0.460569	1.83948	1.83948	0.132131	3.7345	3.7345	0.084296	0.212388	4.70836	1.20684	12.5801	9.26577	1
cg16887420	AKAP7	0.40078	0.280242	0.552294	-1.81063	0.20684	0.494531	-2.02212	0.545431	0.7235	-1.38217	0.680951	1.24442	1.24442	0.123843	0.414166	-2.41449	0.817549	0.884940	-1.13001	0.284947	1.7994	1.7994	0.212761	2.00189	2.00189	0.672362	0.798524	-1.25231	1.20684	5.34714	3.93841	1
cg01597125	ALMS1;ALMS1	0.40075	0.18305	-1.4787	-1.4787	0.0357	1.10573	1.10573	0.0853578	0.555534	-1.22619	0.946971	0.992489	-1.00757	0.0810535	0.454254	-2.20179	0.501641	1.05057	1.05057	0.0702604	0.647354	-1.54457	0.0183835	0.447754	-2.23384	0.630978	1.0565	1.0565	1.20683	0.245573	0.180875	1
cg14763548	VSX1;VSX1	0.40079	0.150004	0.40118	0.40118	0.762414	2.06527	2.06527	0.151895	0.39295	0.39295	0.919685	0.95889	0.95889	0.25589	0.557089	0.970624	0.915582	1.09208	1.09208	0.0915582	1.09208	1.09208	0.0915582	0.309667	0.36336	0.952223	1.15411	1.15411	0.0464884	0.231796	0.233765	1.20683	0.762191	0.572109	1.32496	1.32496

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(1113 vs. N)	Fold-Change(1-vs-1113 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1-vs-1221 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg22508233	PDLIM7	0.401221	0.776834	0.931576	-1.07345	1.84306	0.951763	-1.05068	0.795092	0.936539	-1.00776	0.549166	0.85597	-1.1632	0.18155	1.70265	-1.42437	0.243439	0.737556	-1.33583	0.2237393	0.531042	-1.96262	0.875344	0.96154	-1.04	0.259662	0.745814	-1.34082	1.20587	1.18806	0.875765	1
cg09064713	CAB39/CAB39;CAB39	0.401227	0.348675	0.814709	-1.22743	0.733862	0.930081	-1.07518	0.0682905	0.648196	-1.54274	0.941891	0.984635	-1.0156	0.299473	0.793913	-1.25958	0.394652	1.20343	1.20343	0.199339	1.33379	1.33379	0.447977	0.848527	-1.17851	0.588816	0.890555	-1.1229	1.20585	0.861565	0.635098	1
cg21516724	LINGO3	0.401235	0.518222	0.689741	-1.44982	0.251266	0.506752	-1.97335	0.560827	0.716415	-1.39584	0.863103	0.906771	-1.10281	0.27242	0.523198	-1.91132	0.194816	0.459471	-2.17642	0.0474469	0.276402	-3.61792	0.088361	0.344308	-2.90438	0.864274	0.907539	-1.10188	1.20584	6.1413	4.52709	1
cg17376730	C15orf36;C15orf36;MOBKL2A	0.401237	0.892007	1.01676	1.01676	0.32676	0.883361	-1.13207	0.879521	0.991587	-1.01876	0.30393	0.879596	-1.13935	0.142897	0.824539	-1.2128	0.8200307	0.789696	-1.2663	0.07166	0.78159	-1.27944	0.773635	0.965283	-1.03597	0.906315	1.01453	1.01453	1.20583	0.286694	0.211339	1
cg06298729	PTPN12/PTPN1	0.401252	0.949113	0.982243	-1.01808	0.8688	0.954653	-1.0475	0.379227	1.28818	1.28818	0.0661108	1.7837	1.7837	0.805264	1.0718	1.0718	0.330553	1.32557	1.32557	0.042507	1.92653	1.92653	0.781568	1.08115	1.08115	0.454581	1.05285	1.0528	1.50480	1.10938	1
cg19920529	SUGT1P1;AQP7;AQP7	0.401256	0.897597	0.942683	-1.0608	0.0584914	2.66429	2.66429	0.960238	1.01784	1.01784	0.422346	0.686797	-1.45503	0.146157	0.488112	-2.04452	0.834619	0.90861	-1.10058	0.322883	0.626194	-1.59695	0.403037	0.675507	-1.48037	0.817579	0.899449	-1.11173	1.20579	4.03124	2.9585	1
cg24883586	RAB11FIP1;RAB11FP1	0.401257	0.615013	0.904178	-1.10598	1.01831	0.708162	-1.41211	0.464126	0.862428	-1.15952	0.879246	0.970253	-1.03066	0.808608	0.95294	-1.04938	0.101116	0.700042	-1.42849	0.275267	0.798149	-1.2529	0.223878	1.28893	1.28893	0.289093	0.803656	-1.24431	1.20579	0.753484	0.555458	1
cg09088660	SNORD74;ZBTB37;GAS5;ZBTB37	0.401263	0.726222	1.08078	1.08078	0.657171	0.897562	-1.11455	0.307517	0.721988	-1.38125	0.519431	0.858464	-1.15942	0.85093	1.04661	-1.04661	0.598208	0.879269	-1.13731	0.0940254	1.81251	1.81251	0.707962	1.02218	1.02218	0.568322	1.14972	1.14972	1.20577	1.11789	0.824104	1
cg12128876	NCOA3;NCOA3	0.401266	0.64537	1.08844	1.08844	0.991411	1.00197	0.980967	1.00044	1.00044	0.2216891	2.06478	2.06478	2.72101	2.72101	1.23251	1.23251	0.488311	1.1374	1.1374	0.048319	0.661917	-1.51076	0.642292	0.98931	1.08931	0.460115	1.14744	1.14744	1.20577	0.638639	0.470803	1
cg11093040	RHBDD1;RHBDD1	0.40127	0.86093	1.05484	1.05484	1.004658	1.71595	1.71595	0.518445	1.22056	1.22056	0.557806	1.19777	1.19777	0.349234	1.34095	1.34095	0.302264	1.38453	1.38453	0.0965183	0.537769	-1.74286	0.690125	0.885141	-1.12976	0.538045	1.20903	1.20903	1.20576	1.77007	1.3049	1
cg18852618	DRD1;DRD1;DRD1;DRD1	0.401275	0.0746222	0.978559	-1.02214	0.438828	0.579192	-1.72683	0.328	0.842973	1.186373	0.904717	0.836354	1.195997	0.25412	0.550004	-1.81818	0.0899193	0.19797	-5.05121	0.0013599	0.446536	-2.24887	0.394246	0.881305	-1.12195	0.457074	0.915918	1.09237	1.20575	14.2941	10.5178	1
cg17798192	WASF2	0.40128	0.597452	1.12533	1.12533	0.213323	1.33504	1.33504	0.189176	1.36095	1.36095	0.331594	1.24729	1.24729	0.335269	1.24627	1.24627	0.796307	1.05899	1.05899	0.110092	0.679868	-1.47087	0.796621	0.944384	-1.05889	0.27515	1.28602	1.28602	1.20574	0.937445	0.691099	1
cg11017290	RHOBTB3;RHOBTB3	0.401282	0.68407	1.08913	1.08913	0.705557	1.02852	1.02852	0.328448	1.23463	1.23463	0.328448	1.24663	1.24663	0.145439	1.38673	1.38673	0.585447	1.12209	1.12209	0.41202	0.744953	-1.34253	0.941102	1.01557	1.01557	0.609345	1.71066	1.71066	1.20573	0.835296	0.615796	1
cg01167756	FAT1	0.401288	0.502953	1.32622	1.32622	0.584471	0.795044	-1.25779	0.818797	0.30659	-3.26168	0.888216	0.942662	-1.06015	0.877596	0.937995	-1.0661	0.957381	1.02244	1.02244	0.783985	1.12089	1.12089	0.387398	0.692151	-1.44477	0.549322	0.777537	-1.28611	1.20572	3.29381	2.42829	1
cg26387796	GIMAP8	0.401303	0.109848	0.288117	-3.47082	0.155026	1.56602	1.56602	0.479231	0.598366	-1.67122	0.344621	0.49907	-2.00373	0.0415586	0.188813	-5.35293	0.699719	0.758275	-1.31878	0.374828	0.521687	-1.91962	0.324983	0.483999	-2.06512	0.780738	0.824206	-1.21329	1.20569	9.73388	7.17628	1
cg10134884	ZNF695;ZNF695	0.401304	0.173853	2.26494	2.26494	0.108541	2.2811	2.2811	0.314129	1.79885	1.79885	0.153686	2.31246	2.31246	0.104799	2.70115	-1.4061	0.198134	2.15352	2.15352	0.153458	2.73313	-1.40227	0.564842	0.723983	-1.38297	0.849664	0.898505	-1.11286	1.20568	6.07418	4.7548	1
	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LM																															
cg17340946	AN2L/MAN2L	0.401307	0.128436	1.54816	1.54816	0.303627	1.32761	1.32761	0.0794301	1.6784	1.6784	0.163854	1.48619	1.48619	0.117751	1.57118	1.57118	0.643696	1.13231	1.13231	0.257947	1.36885	1.36885	0.927517	0.97609	-1.0245	0.488149	1.20602	1.20602	1.20568	1.35083	0.995903	1
cg11878476	SMCR7L	0.401313	0.550865	0.818104	-1.22234	0.530659	0.809527	-1.23529	0.840737	1.14373	1.14373	0.340853	1.34573	1.34573	0.267314	1.34573	1.34573	0.278747	0.687514	-1.45452	0.752864	0.900247	-1.11081	0.36343	0.732904	-1.36443	0.348943	1.37735	1.37735	1.20566	2.11345	1.55817	1
cg03070550	HTRA1	0.401314	0.212358	2.02101	2.02101	0.0292829	3.95692	3.95692	0.330008	1.71332	1.71332	0.695294	1.23472	1.23472	0.609772	0.759019	-1.31749	0.8706	1.09125	1.09125	0.565532	1.365	1.365	0.369476	1.63835	1.63835	0.249384	1.90568	1.90568	1.20566	5.47852	4.03911	1
cg05095057	LMF1	0.401321	0.543097	0.823211	1.14376	0.0151148	0.915967	-1.62373	0.270075	0.778966	-1.28435	0.6486	0.966764	-1.03429	0.384973	1.24353	1.24353	0.168534	0.726283	-1.37705	0.888384	1.00918	1.00918	0.974204	0.765882	-1.30582	0.0850182	1.36762	0.773419	0.938953	1.06502	1.20565	0.670308	1
cg00584026	TMEM175	0.401324	0.14781	4.3059	4.3059	0.206781	3.49704	3.49704	0.0473846	4.83901	4.83901	0.922789	1.09543	1.09543	0.97757	0.973912	-1.02679	0.786457	0.774667	-1.29088	0.642452	1.5521	1.5521	0.349314	4.27942	4.27942	0.639618	1.55802	1.55802	1.20564	0.807286	12.4458	1
cg23904595	CDKN1C;CDKN1C;CDKN1C	0.401329	0.493534	1.028096	1.04351	0.0252848	1.3142	1.3142	0.481865	1.24527	1.24527	0.331371	1.05184	1.05184	0.0425652	1.47655	-1.24565	0.0702528	1.02734	1.02734	0.879685	1.07956	-1.26455	0.0966585	1.12926	1.12926	0.0796585	1.70137	1.70137	1.20563	0.819296	0.652613	1
cg11621667	RALA	0.401332	0.847481	0.956369	-1.04562	0.304761	0.781743	-1.27919	0.46726	1.18694	1.18694	0.622946	1.12167	1.12167	0.721426	1.08649	1.08649	0.646672	0.898587	-1.11286	0.0475814	0.591578	-1.69039	0.225457	1.34304	1.34304	0.701377	1.09337	1.09337	1.20562	1.02494	0.755675	1
cg14388804	JARID2	0.401346	0.130967	1.88898	-2.59385	0.239524	0.284031	-3.52075	0.251632	0.294071	-3.40054	0.733734	0.705426	-1.41758	0.170977	0.225425	-4.43607	0.538229	0.528948	-1.89055	0.186453	0.238997	-4.18415	0.0920376	0.150274	-6.65449	0.125782	0.183968	-5.43572	1.20559	19.9408	14.7025	1
cg01328473	PXDN	0.401356	0.24618	1.5068	1.5068	0.0871613	1.0562	1.0562	0.751801	0.898292	-1.1132	0.646436	0.852522	-1.1732	0.624736	0.840224	-1.19042	0.212398	1.55805	1.55805	0.0790784	1.93	1.93	0.999064	1.0004	1.0004	0.937349	0.973692	1.02057	1.24203	0.60885	0.4981	1
cg26273072	STK33	0.401385	0.650925	0.837002	-1.19474	0.0895015	0.481284	-2.07777	0.601907	0.814166	-1.22825	0.866336	1.06802	1.06802	0.744631	1.13618	1.13618	0.636772	0.830437	-1.20418	0.107908	1.98422	1.98422	0.564027	1.25584	1.25584	0.231468	2.61247	2.61247	-1.63273	1.2055	2.91315	2.14804	1
cg08834657	KCNG3;KCNG3	0.401386	0.347826	0.676632	-1.47838	0.280777	0.823142	-1.21485	0.0939861	0.372873	-2.68188	0.67443	0.945112	-1.05798	0.0941504	0.7045	-1.4058	0.403072	1.40742	1.40742	0.444753	0.736091	-1.35853	0.369547	0.707805	1.07976	0.410716	0.714679	-1.39923	1.20566	3.01996	2.50986	1
cg22712840	PRKCZ;PRKCZ	0.401399	0.940436	0.950132	-1.05249	0.0914906	0.56287	-1.56827	0.156653	0.82093	-1.82093	0.820363	0.858523	-1.16847	0.153667	0.353192	-2.83132	0.417302	0.566992	-1.76369	0.753109	0.807538	-1.2411	0.878721	0.900753	-1.11018	0.620978	0.710927	1.40661	1.20547	0.94591	0.59652	1
cg22395253	SRPX2	0.4014	0.92899	1.01852	1.01852	0.628639	0.904533	-1.10554	0.31038	0.80565	-1.24123	0.229272	1.29659	1.29659	0.469669	0.859468	-1.16351	0.983634	0.995786	-1.00423	0.078554	1.49522	1.49522	0.29974	0.801511	-1.24764	0.392055	0.834826	-1.19785	1.20547	0.809263	0.596734	1
cg26805852	KIAA1530	0.401402	0.10352	1.98046	1.98046	0.08133	0.722914	-1.3126	0.0961553	0.24975	-4.00475	0.603824	0.832217	-1.20161	0.0800383	0.61372	-1.63372	0.129362	-1.02953	-1.02953	0.818015	0.613056	-1.22993	0.723393	1.15754	1.15754	0.920307	0.959639	-1.04206	1.20547	3.23575	2.38598	1
cg14412639	DCAF12	0.40141	0.992863	0.995041	-1.00498	0.679091	1.26015	1.26015	0.314705	1.78271	1.78271	0.649296	0.802876	-1.24552	0.806868	1.14584	1.14584	0.155144	0.429302	-2.32936	0.910206	0.939219	-1.06471	0.0405248	0.72412	0.72412	0.789793	1.1601	1.1601	1.20545	5.89821	4.3493	1
cg02429398	AKTIP;AKTIP	0.401409	0.493534	1.028096	1.04351	0.0252848	1.3142	1.3142	0.481865	1.24527	1.24527	0.331371	1.05184	1.05184	0.0425652	1.47655	-1.24565	0.203868	1.02734	1.02734	0.879685	1.07956	-1.26455	0.0966585	1.12926	1.12926	0.0796585	1.70137	1.70137	-1.58873	1.20543	2.52305	1.86735	1
cg18293555	RTN4R	0.401418	0.805106	0.875085	-1.14275	0.049334	1.35631	1.35631	0.0662552	3.0402	3.0402	0.655253	1.2745	1.2745	0.544404	1.39255	1.39255	0.732369	1.20355	1.20355	0.176774	2.17054	2.17054	0.646561	1.28299	1.28299	0.513321	1.43018	1.43018	1.20543	1.56163	4.10117	1
cg10805676	TMEM38A;MRPL28	0.401442	0.346815	0.79115	-1.26398	0.0662154	0.54587	-1.64587	0.972526	0.991707	-1.00836	0.596364	0.878747	-1.13791	0.309521	1.28955	1.28955	0.963879	1.00963	1.00963	0.6149	1.13051	1.13051	0.309521	1.28955	1.28955	0.871884	-1.14694	0.0932928	1.25504	1.20541	0.288084	0.213175	1
cg24402088	TMEM19A	0.401425	0.294661	1.42412	1.42412	0.0550727	0.950077	-1.0882	0.526099	1.08228	1.08228	0.2364612	0.857372	1.16584	0.0853294	1.16584	1.16584	0.944726	0.887824	-1.12705	0.306398	0.877826	-1.13918	0.283955	0.871884	-1.14694	0.0932928	1.25504	1.20541	0.288084	0.213175	1
cg08521859	FGFRL1;FGFRL1;FGFRL1	0.40143	0.101733	0.573004	-1.74519	0.624114	0.857685	-1.16593	0.282121	0.706504	-1.41542	0.208021	0.51078	1.51078	0.124755	0.596558	-1.67628	0.944726	0.978678	-1.02179	0.254155	0.606046	-1.44792	0.988634	0.995582	-1.00444	0.78071	0.916907	-1.09062	1.2054	1.18455	1.36021	1
cg16417131	BCL11B;BCL11B	0.401441	0.620457	1.24622	1.24622	0.418163	0.502511	-1.18802	0.893661	0.914384	-1.09176	0.627078	0.805999	-1.2407	0.0940232	1.71887	1.71887	0.783505	1.1285	1.1285	0.024484	1.54113	1.54113	0.0532414	1.05124	1.05124	0.270474	1.65769	1.65769	1.20538	0.93044	2.73177	1
cg18784053	CYSTM;KISS17	0.401447	0.880104	1.07542	1.07542	0.429341	1.475	1.475	0.297656	1.59474	-1.68216	0.476331	1.41749	1.41749	0.0348245	1.305742	1.27073	0.728626	1.18269	1.18269	0.70873	1.19725	1.19725	0.202951	1.21797	1.21797	0.425566	1.691666	1.44579	1.20537	1.43048	3.26722	1
cg25240254	SSCS0	0.401448	0.533953	0.802403	-1.24626	0.666854	1.1634	1.1634	0.274663	1.48766	1.48766	0.165599	1.67663	1.67663	0.141833	0.575808	-1.73669	0.885209	0.950769	-1.05178	0.385507	0.732778	-1.36467	0.711677	0.878125	-1.13853	0.216154	1.57597	1.57597	1.20536	2.33151	1.71935	1
cg20131970	PTCH2;PTCH2	0.401451	0.566483	0.847256	-1.17996	0.481957	0.507514	-1.96959	0.447651	0.80011	-1.24999	0.714237	0.8001	-1.24999	0.714237	0.8001	-1.24999	0.783505	1.1285	1.1285	0.024484	1.54113	1.54113	0.0532414	1.05124	1.05124	0.270474	1.65769	1.65769	1.20538	0.93044	2.73177	1
cg14700820	PRKG4	0.401454	0.204344	1.42215	1.42215	0.110361	0.58008	0.26963	0.739173	-1.35286	0.704945	1.10519	1.10519	0.161263	0.710198	-1.40806	0.602733	0.871045	-1.14805	0.357164	0.779591	-1.28272	0.663562	1.01208	1.01208	0.849542	0.951294	-1.0512	1.20535	1.31966	0.973187	1
cg25948321	CMTM8	0.401455	0.217244	1.60452	1.60452	0.0676313	1.0562	1.0562	0.751801	0.898292	-1.1132	0.646436	0.852522	-1.1732	0.624736	0.840224	-1.19042	0.149814	1.4072	1.4072	0.0202702	1.77063	1.77063	0.0222	1.23839	1.23839	0.0202702	1.77063	1.77063	1.20535	0.883841	0.728417	1
cg19853143	SPRED2;SPRED2	0.401455	0.115792	0.405626	-2.46533	0.144621	0.437325	-2.28663	0.262628	0.330907	-3.022	0.547087	0.724962	-1.37938	0.612302	0.775333	-1.28977	0.482028	0.68579	-1.45817	0.682099	1.24283	1.24283	0.97694	0.984959	-1.01537	0.204067	0.492874	-2.02891	1.20535	5.31888	3.92243	1
cg02936095	GPR111	0.401463	0.10082	2.04066	-4.48519	0.0907477	0.953	-2.53101	0.0553399	0.10073	-9.09073	0.549411	0.585373	-1.70854	0.0744101	0.558233	-1.7914	0.0709504	0.199601	-5.00998	0.0393188	0.142808	1.02808	0.824853	0.754153	0.757628	-1.31991	0.325533	1.34014	1.20533	1.34014	0.99883	1
cg04927889	EFCAB7	0.40465	0.63066	0.863658	-1.15797	0.962911	0.986029	1.01447	0.0945496	1.29244	1.29244	0.971193	1.08313	1.08313	0.0944396	1.2443	1.2443	0.758066	0.910753	-1.09799	0.982579	0.777704	1.03963	0.637263	1.8284	1.8284	0.513266	0.8254	-1.2113	1.20531	1.74707	1.29183	1
cg22706629	PTPLAD1	0.401478	0.35411	1.21986	1.21986	0.136284	0.715613	-1.3974	0.116903	0.701118	-1.42629	0.132837	0.713161	-1.40221	0.909043	1.02411	1.02411	0.555212	1.13246	1.13246	0.823586	0.954522	-1.04765	0.616618	1.11096	1.11096	0.916575	0.978395	-1.02208	1.2053	0.82951	0.611752	1
cg00115549	NUDT18	0.401481	0.882769	0.975477	-1.02504	0.729152	1.0562	1.0562	0.751801	0.898292	-1.1132	0.646436	0.852522	-1.1732	0.624736	0.840224	-1.19042	0.509352	1.09651	1.09651	0.107626	1.12762	1.12762	0.444132	0.768264	0.768264	0.0839357	1.64172	1.5583	1.20529	2.32675	2.38598	1
cg22097425	DDX25;PUS3;DDX25	0.401484	0.694448	1.08191	1.08191	0.0970308	1.43792	1.43792	0.0671617	1.5055	1.5055	0.309284	1.23346	1.23346	0.644681	1.09702	1.09702	0.541601	1.884072	-1.13113	0.408258	0.844786	-1.18373	0.985915	0.996486	-1.00353	0.514038	1.14107	1.14107	1.20528	0.759078	0.559815	1
cg01215695	SERINC5	0.401488	0.114526	0.824139	-1.2159	0.396808	1.14596	1.14596	0.0844302	0.884731	-1.13029	0.232102	0.860993	-1.15543	0.114639	0.822499	-1.21581	0.253803	0.872145	-1.14672	0.783188	1.03207	1.03207	0.944321	0.895004	-1.11724	0.679604	0.802886	-1.24596	1.20527	0.947588	0.694251	1
cg24213788	TMEM11;TMEM11;TMEM11	0.401489	0.353492	0.851457	-1.17446	0.126505	1.32197	1.32197	0.749741	1.05539	1.05539	0.484723	0.887274	-1.12705	0.425204	0.871823	-1.14702	0.922127	0.983665	-1.01661	0.189829	1.26353	1.26353	0.24394	1.08166	1.08166	0.124481	1.24248	0.363514	1.17035	1.20527	0.541611	0.399438	1
cg10555010	GLS4	0.401491	0.264061	1.39118	1.39118	0.0683609	1.78375	1.78375	0.0781783	0.924249	-1.08196	0.673287	0.886681	-1.1278	0.219191	1.44261	1.44261	0.205564	0.68741	-1.46043	0.96553	1.01233	1.01233	0.91408	0.1095	1.0395	0.962873	1.23605	1.23605	1.20527	1.53526	1.13226	1
	SEC14L1;SEC14I1;SEC14L1;SEC14L1;SEC																															
cg25344639	14L1;SEC14L1;SEC14L1	0.401493	0.145774	0.676644	-1.47788	0.299726	0.7643	-1.30839	0.403711	1.23826	1.23826	0.828926	0.947316	-1.05561	0.570167	0.866302	-1.15433	0.570312	0.86635	-1.15427	0.0463847	0.56515	-1.76944	0.425751	0.815935	-1.22559	0.272993	0.751756	-1.33022	1.20526	1.19408	0.880644	1
cg08210198	SPATA2;SPATA2	0.401495	0.318774	1.28533	1.28533	0.258493	0.792345	-1.35272	0.723994	0.89024	1.09024	0.918035	1.02539	1.02539	0.444123	1.2252	1.2252	0.110297	0.654444	-1.52802	0.0242661	0.838154	1.83154	1.83154	0.79768	1.06458	1.06458	0.326126	1.13287	0.835502	1
cg23508607	SLC12A5	0.401496	0.948349	1.01091	1.01091	0.585512	1.37482	1.37482	0.300584	1.19678	1.19678	0.176581	0.909761	-1.09919	0.0564723	1.41569	1.41569	0.366522	1.16808	1.16808	0.84098	1.03422	1.03422	0.307175	1.1934	1.1934	0.44125	1.14055	1.14055	1.20526	0.533353	0.394828	1
cg16814796	CAMK2N1	0.401498	0.447437	1.28708	1.28708	0.816704	0.927114	-1.07862	0.795682	0.918897	-1.08826	0.208008	0.648756	-1.54141	0.0462597	0.547089	-2.10487	0.384724	0.747898	-1.33708	0.147159	0.602264	-1.6604	0.921782	0.968494	-1.03253	0.385482	0.748262	-1.33643	1.20525	2.02802	1.49569	1
cg20952204	KBTBD2;KBTBD2	0.401505	0.440991	1.49103	1.49103	0.0433555	0.773538	-1.29237	0.0533933	0.21973	-4.55052	0.0433	0.613393	1.29373	-1.41287	0.613393	1.29373	0.842316	1.10571	1.10571	0.561381	0.914891	-1.34791	0.416003	0.843503	1.10571	1.10571	0.561381	0.914891	-1.34791	0.416003	0.843503	-1.51152	1.52599	0.0342253	0.284777	0.515152	0.63864	1
cg04698199	DNAH17	0.401518	0.78993	0.902139	-1.10848	0.504707	0.770204	-1.29836	0.138156	0.57997	-1.72423	0.937206	0.970066	-1.03086	0.0339246	0.384786	2.59885	0.458658	1.33783	1.33783	0.438534	1.35631	1.35631	0.825547	0.918378	-1.08888	0.73162	0.86747	-1.15278	1.20521	2.83974	2.09442	1
cg22075924	AXL;AXS	0.401524	0.177556	0.643118	-1.55464	0.0675563	0.761853	-1.31218	0.332164	0.873163	-1.14539	0.631622	0.831293	1.20283	-1.31218	0.631622	1.20283	0.127269	0.756009	-1.74335	0.0227782	0.786311	-1.27176	0.993542	0.997376	-1.00273	0.682696	0.984077	1.08473	1.20521	0.184774	0.146222	1
cg05371395	FRMPD4;FRMPD4	0.401524	0.0659368	0.517516	-1.93231	0.349573	0.735326	-1.35994	0.182798	0.636756	-1.57046	0.596451	0.71864	1.18604	-1.18604	0.753769	1.10569	0.116263	0.579859	-1.72456	0.841921	0.938235	-1.06583	0.877387	0.95053	1.05053	0.799198	1.08479	1.08479	1.20521	1.94581	1.43513	1
cg13808083	BARX1	0.401527	0.518835	1.52406	1.52406	0.953752	0.963122	-1.03807	0.874493	1.10721	1.10721	0.812714	1.16523	1.16523	0.15344	2.67727	2.67727	0.075477	0.279444	-3.57853	0.152953	0.379318	-2.63874	0.188264	0.672026	1.48829	0.0826126	0.648308	1.54236	1.20519	7.92327	5.84383	1
cg21449322	SAMD14	0.401528	0.786681	1.02859	1.02859	0.0399425	1.97417	1.97417	0.0425452	1.58001	1.58001	0.416418	0.546396	-1.83017	0.0280104	0.544396	-1.83672	0.908057	1.02805	1.02805	0.68626	0.937345	-1.06671	0.744107	0.930007	1.07501	1.07501	0.393819	0.533964	-1.87279	0.2019	0.94925	2.42434	1
cg14542444	NOTCH1	0.401529	0.693631	1.18004	1.18004	0.09541	2.15112	2.15112	0.187697	1.79279	1.79279	0.651184	1.20962	1.20962	0.142626	0.517414	1.93269	0.4832	1.3471	1.3471	0.560754	1.27883

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg25759507	DKK3;DKK3;DKK3	0.4018851	0.8013384	0.919322	0.494139	1.0683319	0.26589	2.06589	0.448079	1.31796	0.131796	0.54458	0.144495	1.24495	0.113418	0.55903	1.78881	0.68454	0.864279	-1.15703	0.651882	0.850292	-1.17607	0.316759	1.447314	0.8538007	0.938051	-1.06604	1.20437	2.43234	1.79519	1
cg05880372	PLEKHB2;PLEKHB2	0.4019031	0.7553312	0.930752	-1.07404	0.55537	1.14675	1.14675	0.02418647	1.88526	1.88526	0.819952	0.9490113	-1.05373	0.893383	0.9685559	-1.03246	0.376957	0.812111	-1.23136	0.88227	0.9665551	-1.0346	0.497467	1.17131	1.17131	0.956046	1.01273	1.01273	1.20436	1.00513	0.7418466	1
cg06202984	FANCC;FANCC	0.4019077	0.1518893	1.40365	1.40365	0.0768272	1.54443	1.54443	0.2843577	1.27846	1.27846	0.617285	1.11771	1.11771	0.0923096	1.50568	1.50568	0.9483232	1.01445	1.01445	0.58321	0.8847911	-1.13021	0.342377	1.2412	1.2412	0.764269	1.06869	1.06869	1.20435	0.93062	0.6868661	1
cg21351392	AGPAT4	0.4019101	0.811449	1.10175	1.10175	0.0748434	0.947733	1.20215	0.1258855	0.515651	-1.93929	0.834006	1.08866	1.08866	0.784739	0.8950195	-1.1172	0.774237	0.8901107	-1.12346	0.231089	1.66278	1.66278	0.462685	1.39339	1.39339	0.49509	0.7554672	1.32368	1.32634	1.23529	2.30668	1
cg24003542	MCC;MCC	0.4019112	0.529014	1.13825	1.13825	0.374813	1.20316	1.20316	0.829475	1.04477	1.04477	0.710135	1.07875	1.07875	0.283418	0.7974911	-1.25393	0.193029	1.32273	1.32273	0.194029	1.3218	1.3218	0.740476	0.9347737	-1.06982	0.123778	0.712871	-1.40278	1.20434	0.786345	0.5803881	1
cg06430591	TRIP10	0.4019113	0.121004	0.332883	-3.00456	0.4039674	0.57197	-1.74834	0.8074711	1.17318	1.17318	0.474729	0.6215339	-1.60891	0.0577289	0.245669	-4.07052	0.6141666	0.717088	-1.39453	0.109798	0.31969	-3.12883	0.314467	0.5060358	-1.97488	0.3338003	0.518684	-1.92796	0.43433	0.162012	0.6202102	1
cg13308187	COL20A1	0.4019118	0.767013	1.10502	1.10502	0.159486	1.65742	1.65742	0.12725	1.74071	1.74071	0.82351	1.07797	1.07797	0.867854	0.94557	-1.05756	0.1237634	1.75114	1.75114	0.108723	1.80034	1.80034	0.155233	1.66726	1.66726	0.806326	1.08606	1.08606	1.20432	2.15455	1.590231	1
cg14594969	TMEM146;LONP1	0.4019197	0.215332	0.717095	-1.39452	0.87946	0.960174	-1.04148	0.5984423	1.14513	1.14513	0.114919	1.54823	1.54823	0.858135	0.9554402	-1.04668	0.6529018	0.897388	-1.11435	0.117217	0.6479797	-1.54326	0.776066	1.07544	1.07544	0.325706	1.29532	1.29532	1.20428	1.2401	0.915325	1
cg10857884	TAS2R50;PRR4;PRH1	0.4019198	0.787866	0.876643	-1.14072	0.648645	0.55371	-1.80655	0.2571835	0.836748	-1.1951	0.423466	0.140643	1.46044	0.330919	0.6123803	-1.63185	0.409228	0.66232	-1.50984	0.122422	0.441694	-2.26403	0.213867	1.89436	1.89436	0.360629	1.58211	1.58211	1.20428	4.54488	3.35462	1
cg11344744	SEMA4C	0.4019341	0.586394	1.21015	1.21015	0.202163	0.626533	-1.59609	0.49599	0.78662	-1.27126	0.73114	1.13679	1.13679	0.129179	0.5659341	-1.76697	0.2787787	1.47843	1.47843	0.738086	0.8900013	-1.12358	0.248081	1.5208	1.5208	0.313223	0.696171	-1.43643	1.20427	2.29921	1.69708	1
cg21270675	SPTBN1;SPTBN1	0.4019345	0.6542084	1.15193	-1.18598	0.2877956	0.60	-1.5187	0.2223164	0.636085	-1.62315	0.159059	1.77493	1.77493	0.779721	0.8784615	-1.13807	0.518224	1.28129	1.28129	0.151264	1.78689	1.78689	0.179705	1.44407	1.44407	0.766365	0.893364	1.11936	1.12426	2.73131	2.01603	1
cg00773937	LIMD1	0.4019348	0.900882	0.997472	-1.00253	0.964736	0.990245	-1.00985	0.05062613	1.64028	1.64028	0.605943	0.891023	-1.12231	0.0925198	1.50757	1.50757	0.877796	1.03471	1.03471	0.215981	1.30388	1.30388	0.960535	0.9890888	-1.01103	0.7238115	0.924346	-1.08185	1.20426	0.937711	0.6921446	1
cg04884046	PTBP2;PTBP2	0.402135	0.1254413	1.23691	1.23691	0.42128	1.58402	1.58402	0.279539	1.88069	1.88069	0.188605	0.3713468	-2.69398	0.208686	0.474143	-2.10907	0.933842	1.0842	1.0842	7	7	7	7	1.19505	1.19505	0.335415	1.74614	1.74614	1.22653	5.25612	3.76565	1
cg23244877	TSEN54	0.4019366	0.167857	0.385498	-2.59404	0.200413	0.415999	-2.40385	0.814355	0.85865	-1.16462	0.723879	1.25864	1.25864	0.040113	0.214774	4.65606	0.6519525	1.34243	1.34243	0.645816	1.34999	1.34999	0.845679	0.88129	-1.1347	0.682624	0.765974	-1.30553	1.20421	8.02082	5.92055	1
cg15349729	ST13;XPNPEP3	0.4019368	0.805859	1.05176	1.05176	0.757383	1.00557	1.06557	0.661383	0.91363	-1.09454	0.0299354	1.68786	1.68786	0.185355	1.33355	1.33355	0.966297	0.991178	-1.0087	0.661797	0.913739	-1.0944	0.458549	0.856682	-1.16729	0.994673	1.00137	1.00137	1.20421	0.8010079	0.593116	1
cg01888413	ABTB2	0.4019372	0.408301	1.25483	-1.68267	0.515696	0.479795	-2.08858	0.69768	0.786564	-1.27135	0.242785	0.471527	-1.22077	0.551512	0.600359	-1.4485	0.738729	0.819938	-1.22859	0.0201855	0.178529	-5.60133	0.304885	0.489365	-2.04347	0.626644	0.739706	-1.35189	1.2042	1.21042	1.32507	1
cg27572826	GBAP1	0.4019722	0.928942	1.03583	1.03583	0.694621	0.855796	-1.1685	0.6042561	1.2292	1.2292	0.241871	1.62167	1.62167	0.738556	1.14134	1.14134	0.0987352	0.489433	-2.04318	0.280279	0.642134	-1.55731	0.88209	0.943106	-1.06033	0.137446	1.88019	1.88019	1.2042	2.97078	2.1929	1
cg12623124	ZMAT3;ZMAT3;ZMAT3;ZMAT3	0.4019741	0.504836	0.892138	-1.1209	0.235461	0.810822	-1.23332	0.626293	0.857365	-1.16637	0.885919	1.035	1.035	0.562407	1.1098	1.1098	0.6525201	0.926401	-1.07945	0.150016	0.7708846	-1.29728	0.595104	0.905169	-1.10477	0.0806828	1.38641	1.38641	1.2042	0.545002	0.409453	1
cg23547892	LGMN;LGMN	0.4019779	0.167967	0.469777	-2.12713	0.359958	1.64353	1.64353	0.642862	1.178085	-1.31786	0.298856	0.7653815	-1.76326	0.749327	0.3509284	-2.84913	0.2602125	0.5380153	-1.85855	0.626275	0.771177	-1.29572	0.528018	0.71355	-1.40144	0.1654043	0.457933	-2.18373	1.20419	5.31468	3.92311	1
cg14953672	PYY	0.4019862	0.9844552	0.997684	-1.00232	0.799335	0.969328	-1.03164	0.370353	1.11569	1.11569	0.0400992	1.324	1.324	0.283734	1.14172	1.14172	0.133991	1.21207	1.21207	0.595352	0.938203	-1.06587	0.668853	1.05254	1.05254	0.425804	1.10162	1.10162	1.20418	0.2700895	0.199377	1
cg22027008	PIGY;PIGY	0.4019866	0.9329154	1.0216	1.0216	0.949782	0.982854	-1.01758	0.6233521	0.959114	-1.04809	0.294752	1.31757	1.31757	0.136958	0.7621909	-1.50169	0.444025	0.82031	-1.21902	0.103918	0.636821	-1.5703	0.702965	1.10253	1.10253	0.437625	0.817951	-1.22257	1.20417	1.22844	0.9068807	1
cg18661868	FES;FES;FES;FES	0.4019886	0.951877	0.96921	-1.03177	0.264518	1.8269	1.8269	0.33345	1.67731	1.67731	0.661546	0.79591	-1.25642	0.860205	1.09578	1.09578	0.846345	1.05176	1.05176	0.73952	0.2094	2.094	0.131516	0.43014	-2.32482	0.140774	0.272684	2.27268	1.20417	1.52088	3.78011	1
cg04302263	GPR26	0.4019887	0.6990659	1.12967	-1.13062	0.1834668	1.74894	1.74894	0.4598545	2.001182	2.001182	0.447114	1.4548884	1.4548884	0.177483	0.4985207	-2.00599	0.5518439	1.4662	1.4662	7	7	7	7	1.00791	1.00791	0.915428	1.154078	1.94522	1.07483	1.22526	1.0626	4.409343	3.32137	1
cg02266348	GRID2IP	0.40199	0.436434	0.539562	-1.85336	0.38094	0.497375	-2.01056	0.442159	0.543882	-1.83864	0.369645	0.488694	-2.04627	0.245164	0.388783	2.57213	0.0618286	0.12664	5.12664	0.29873	0.432984	-2.30955	0.816617	0.834832	-1.19785	0.879016	0.888362	-1.12567	1.20416	11.5182	8.50251	1
cg18129856	ATP13A1	0.4019892	0.374619	0.802084	-1.24675	0.272498	0.758503	-1.31839	0.879683	1.03734	1.03734	0.0787835	0.623493	-1.60387	0.926397	0.9778874	-1.02261	0.101862	0.648326	-1.54243	0.350164	0.2525	1.2229	0.25289	0.5511	1.81574	0.701489	1.09769	1.09769	1.20416	1.11695	0.8245166	1
cg14270585	AMN	0.402006	0.253707	1.19178	1.19178	0.0753453	0.479795	-2.08858	0.69768	0.786564	-1.27135	0.242785	0.471527	-1.22077	0.551512	0.600359	-1.4485	0.738729	0.819938	-1.22859	0.0201855	0.178529	-5.60133	0.304885	0.489365	-2.04347	0.626644	0.739706	-1.35189	1.2042	1.21042	1.32507	1
cg18672172	TCTA;RHOA	0.4020006	0.552073	1.28684	1.28684	0.616589	1.23568	1.23568	0.939943	1.03209	1.03209	0.893585	1.05771	1.05771	0.221536	1.7137	1.7137	0.0299552	0.341742	-2.92619	0.624622	0.813238	-1.22965	0.800048	0.89907	-1.11226	0.819748	0.908755	-1.10041	1.20413	3.35135	2.47398	1
cg16213807	DUSP9	0.4020089	0.158224	0.26987	-3.70474	0.1938199	0.610518	-1.63802	0.2134488	0.485068	-2.06183	0.124213	0.127665	2.43194	0.0134753	0.407104	2.45704	0.1335727	0.244642	-4.08761	0.32464	0.1104041	-9.05603	0.0124	0.1004	0.10404	0.769543	0.773168	2.39338	1.20412	14.4228	10.7954	1
cg07146921	PALLD;PALLD;PALLD;PALLD	0.402022	0.455797	1.596438	-1.67662	0.220087	2.40425	2.40425	0.145304	2.89784	2.89784	0.224631	1.40032	1.40032	0.157701	0.7263237	1.79886	0.905945	1.08374	1.08374	0.54728	1.51244	1.51244	0.996204	1.00324	1.00324	0.796149	0.838508	1.19259	1.20409	1.82717	0.51641	1
cg10153809	TMEM229B;TMEM229B	0.4020022	0.3693933	0.852634	-1.17284	0.660762	1.07936	1.07936	0.0292231	0.641302	-1.55933	0.430779	0.8701082	-1.14918	0.229504	0.804101	-1.24363	0.651182	0.924315	-1.08188	0.65527	0.92524	-1.0808	0.627617	1.0882	1.0882	0.331972	0.841079	-1.18895	1.20409	0.5702203	0.420937	1
cg17535314	GDF10	0.4020024	0.1349053	0.377329	-2.64741	0.1548838	0.188304	-5.31106	0.0178506	0.185706	-5.38508	0.0178564	0.3936	2.5404	0.0020008	0.1842385	5.42698	0.1294	0.1936	5.16408	0.0203	0.1403313	7.12593	0.0001	0.1403	7.12593	0.0001	0.1403	7.12593	0.0001	0.1403	7.12593	0.0001	1.20409	0.923355	5.11101	1
cg18180871	TAS1R3	0.4020026	0.159879	0.499854	-2.00058	0.0973642	0.4317	-2.31642	0.64804	1.23642	1.23642	0.396996	0.6699993	-1.49255	0.134022	0.474173	-2.10893	0.5110337	0.73505	-1.36045	0.122362	0.464162	-2.16701	0.269005	0.587682	-1.7016	0.758278	0.867157	-1.15319	1.20408	0.6066009	0.300771	1
cg10741603	SDK1;SDK1	0.4020029	0.79225	1.0923	1.0923	0.5136468	1.18479	1.18479	0.6998	1.08393	1.08393	0.7911178	1.01178	1.01178	0.84993	0.9577234	-1.04398	0.6609898	0.8208864	-1.21848	0.2516	-4.0888	0.5488881	1.8214	1.8214	0.1348	2.7415	0.1491433	0.6666	1.64933	0.1501	0.6666	0.1491433	0.6666	1.20403	0.5003	0.2222	1
cg10970349	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.4020039	0.791739	1.21959	1.21959	0.371387	1.09068	1.99068	0.303563	2.22406	2.22406	0.435681	1.81587	1.81587	0.858828	0.874983	1.14288	0.0337128	0.155622	-6.42584	0.618769	1.45687	1.45687	0.822321	0.844749	-1.18378	0.907024	0.916089	-1.0916	1.20405	10.7301	7.92149	1
cg05034918	FAM82A1	0.4020048	0.158592	0.754954	-1.32458	0.499065	0.879859	-1.13655	0.257075	0.802015	-1.24686	0.047755	0.65559	-1.52534	0.135945	0.741032	-1.34947	0.258728	0.802681	-1.24582	0.191	0.772395	-1.29468	0.639117	0.915671	-1.0921	0.597772	0.905459	-1.10441	1.20403	0.6634463	0.489808	1
cg26404491	SCRIB;SCRIB	0.4020056	0.3950921	0.849753	-1.17696	0.7174226	0.709582	-1.40958	0.1834668	1.64933	1.64933	0.605944	0.9498545	-1.05182	0.437114	0.4580569	-2.18359	0.4614179	0.6756	-1.48039	0.0388037	0.0881146	-12.3822	0.0135	0.1233	8.10937	0.0001	0.1233	8.10937	0.0001	0.1233	8.10937	0.0001	1.20403	0.2013	0.0033	1
cg00345083	AIAP1;AIAP1	0.4020064	0.445385	2.51857	2.51857	0.312208	0.289004	-3.46016	0.603991	1.86135	1.86135	0.57287	1.96903	1.96903	0.0461746	0.0663674	-15.0676	0.495693	2.27364	2.27364	0.518443	0.459634	-2.17564	0.627427	1.78737	1.78737	0.485753	2.31877	2.31877	1.204	26.8844	19.8482	1
cg00393155	C6orf204;C6orf204	0.4020077	0.1496463	0.3994	-2.50401	0.1908699	0.70518	-1.41808	0.1717447	0.58019	-1.72389	0.0883459	1.51054	1.51054	0.0967734	0.6603	-1.51487	0.267972	0.73608	-1.35848	0.0470055	0.1004	9.96019	0.0001	0.1004	9.96019	0.0001	0.1004	9.96019	0.0001	0.1004	9.96019	0.0001	1.20403	0.4184	3.5192	1
cg12210286	CNTD2	0.4020071	0.913806	0.904984	-1.10499	0.150555	0.1405	4.1405	0.170934	0.83583	-1.83583	0.0460328	0.23415	8.23415	0.0293429	0.922006	-1.08459	0.574718	1.6867	1.6867	0.827506	1.2229	1.2229	0.252893	1.0077	3.0077	0.256426	2.98114	2.98114	1.20398	16.2134	11.9702	1
cg27537053	PTPRF;PTPRF	0.4020072	0.1649881	1.36232	1.36232	0.9036444	1.0256	1.0256	0.344886	0.816208	-1.22518	0.88433	0.9700369	-1.03085	0.831864	0.955688	-1.04538	0.4825135	1.16066	1.16066	0.0419752	1.63108	1.63108	0.403122	1.19554	1.19554	0.8004456	0.948504	-1.05429	1.20398	0.8309015	0.613457	1
cg26888746	SUFU;SUFU	0.4020075	0.1809536	0.410644	-2.43846	0.1190474	0.418846	-2.38693	0.1171248	0.48	-2.08333	0.0276	0.2488	4.0193	0.0048	0.2082	4.80231	0.1135727	0.244642	-4.08761	0.32464	0.1104041	-9.05603	0.0124	0.1004	0.10404	0.769543	0.773168	2.39338	1.20412	14.4228	10.7954	1
cg10794915	SLFN5	0.402075	0.937388	1.00777	1.00777	0.253654	0.755136	-1.32426	0.949368	0.98515	-1.01507	0.55695	0.993735	-1.00632	0.572195	0.874181	-1.14393	0.601953	0.883394	-1.132	0.0837329	0.637043	-1.56975	0.672572	0.904704	-1.10533	0.0872683	1.56019	1.56019	1.20397	1.05839	0.781402	1
cg04052013	TNNT3;TNNT3;TNNT3;TNNT3	0.4020081	0.2500222	0.6855028	-1.45862	0.1598889	0.1423049	7.02499	0.0133317	0.34059	-2.93617	0.0166065	0.0023548	19.9758	0.0036625	0.19889	5.02959	0.666667	1.96376	1.96376	0.0033507	0.612312	0.5141	1.9455	0.0001	0.1945	5.14028	0.0001	0.1945	5.14028	0.0001	0.1945	5.14028	0.0001	1.20397	0.9395	1.08037

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(121T vs. 2)	Fold-Change(1-vs-2T vs. N)	p-value(347T vs. N)	p-value(347T vs. 2)	p-value(353P vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(5 vs. N)	p-value(5630 vs. N)	Ratio(5637 vs. N)	Fold-Change(1-vs-637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
ch.20.143700655181		0.402256	0.362763	0.807766	-1.24106	0.536545	0.865461	-1.15545	0.113072	0.672076	-1.48793	0.0462494	0.593848	-1.63893	0.145879	0.693752	-1.434	0.642922	1.11382	0.500543	0.853965	-1.17101	0.660419	0.902865	-1.40506	0.825898	0.95041	-1.05218	1.2029	1.0155	0.750412	1
cg03273715	CACNG7	0.40256	0.90621	0.973619	-1.0271	0.354529	1.24117	1.24117	0.213898	1.34561	1.34561	0.162957	1.40188	1.40188	0.756562	0.931896	-1.07308	0.633205	1.11522	1.11522	0.893807	1.03076	1.03076	0.0311699	1.7747	1.7747	0.811598	1.05566	1.05566	1.2029	0.9802027	0.724329	1
cg25023328	RORA	0.4025605	0.235254	0.708935	-1.41057	0.116005	0.623518	-1.6038	0.998486	1.00052	1.00052	0.201139	0.688447	-1.45255	0.353552	0.768012	-1.30206	0.049582	0.53822	-1.85798	0.993601	1.00222	1.00222	0.831711	1.06061	1.06061	0.7058868	0.900463	-1.11054	1.20289	1.45674	1.07647	1
cg09835408	DNMT3B;DNMT3B;DNMT3B	0.4025605	0.158181	0.470448	-1.12564	0.0588618	0.344225	-2.90508	0.163258	0.475323	-2.10383	0.372695	0.623916	-1.57999	0.134154	0.440022	-2.24199	0.049183	0.680092	-1.47039	0.173949	0.485155	-2.06052	0.44226	0.675995	-1.4793	0.691577	0.819304	-1.22055	1.20289	1.47922	1.51688	1
cg03503896	CASKIN2;CASKIN2	0.402574	0.617359	1.17728	1.17728	0.858843	1.05933	1.05933	0.169263	0.565367	-1.76876	0.60527	1.18404	1.18404	0.925901	0.969556	-1.03097	0.130148	1.69843	1.69843	0.1895	1.56882	1.56882	0.30884	1.40673	1.40673	0.378077	1.34049	1.34049	1.20287	2.00009	1.47802	1
cg03442035	SARS;SARS;SARS;SARS	0.402579	0.228874	1.40363	1.40363	0.829669	1.05955	1.05955	0.746318	0.936535	-1.09107	0.755911	0.919683	-1.08733	0.234737	0.751751	-1.39713	0.264284	1.36674	1.36674	0.16429	1.48952	1.48952	0.876681	1.04258	1.04258	0.104676	1.60993	1.60993	1.20286	1.37347	1.01497	1
cg18082080	UBP2	0.4025588	0.392473	0.785562	-1.27297	0.582605	0.858201	-1.16523	0.52657	0.837968	-1.19336	0.58921	0.860542	-1.16206	0.279003	1.36355	1.36355	0.826972	0.941471	-1.06217	0.03297	0.503043	-1.9879	0.41155	0.79348	-1.26027	0.284864	0.73635	-1.35805	1.20284	1.44595	1.06855	1
cg19985577	PDE2A;PDE2A;PDE2A;PDE2A	0.4025597	0.149388	0.661327	-1.51211	0.626363	0.675727	-1.48003	0.795996	0.92037	-1.08657	0.588618	0.48051	1.46049	0.12546	0.64174	-1.55826	0.392329	0.791038	-1.26416	0.928122	1.02443	1.02443	0.630994	1.13821	1.13821	0.24317	0.721319	-1.38635	1.20282	1.36302	1.00727	1
cg16632876	GEMIN4	0.402597	0.882731	0.915619	-1.09216	0.167913	0.40547	2.04547	0.0463603	0.93753	1.06753	0.674664	0.07192	1.77192	0.155516	0.739051	-1.35309	0.674507	1.28694	1.28694	0.341935	1.79468	1.79468	0.916431	0.939238	1.06469	0.32673	0.546236	1.83071	1.20282	0.795512	0.502163	1
cg09211893	EML1;EML1	0.4026205	0.176575	1.73359	1.73359	0.3403327	1.45696	1.45696	0.444081	1.34827	1.34827	0.991689	0.996019	-1.004	0.633848	1.20175	1.20175	0.558298	1.25448	1.25448	0.117354	0.521299	-1.91829	0.197714	0.593658	-1.68447	0.549084	1.26135	1.26135	1.2028	2.79421	2.06497	1
cg24926775	SNX27	0.4026612	0.526605	1.23386	1.23386	0.2598972	1.19353	1.19353	0.0918	1.44352	1.44352	0.265939	1.65937	1.65937	0.454939	1.22163	1.22163	0.316415	1.40394	1.40394	0.144067	0.760712	-1.31456	0.313814	1.39861	1.39861	0.146539	1.66608	1.66608	1.20279	2.04003	1.51059	1
cg26281257	EXOC4	0.4026613	0.311536	0.535748	-1.86655	0.63702	0.753373	-1.32754	0.103859	0.346422	-2.88666	0.882094	0.915334	-1.0925	0.115215	0.360279	-2.77563	0.281885	0.513446	-1.94762	0.506492	0.669132	-1.49447	0.111421	0.355738	-2.81105	0.109261	0.353115	-2.83194	1.20278	0.676868	0.50224	1
cg20890157	DEGS2	0.4026615	0.196959	1.31379	1.31379	0.6806	1.08616	1.08616	0.0509539	1.56022	1.56022	0.779024	1.05901	1.05901	0.898974	1.02574	1.02574	0.872799	1.03258	1.03258	0.295315	1.24372	1.24372	0.401053	0.851472	-1.17444	0.31926	1.37489	1.37489	1.20278	0.7625115	0.565521	1
cg12308216	DDR1;DDR1	0.4026617	0.96675	1.01256	1.01256	0.312187	0.731393	-1.36725	0.168597	1.50152	1.50152	0.216227	1.47605	1.47605	0.419722	0.7814	-1.27975	0.313171	0.73189	-1.36633	0.455137	0.796843	-1.25495	0.50605	0.817192	-1.2237	0.212403	1.48138	1.48138	1.20278	1.70529	1.36026	1
cg14626785	GLT1D1	0.4026633	0.314708	1.38213	1.38213	0.144051	0.613522	-1.62993	0.098506	0.568934	-1.75767	0.217352	0.667645	-1.4978	0.430629	0.767601	-1.30276	0.422198	1.29073	1.29073	0.922592	1.03072	1.03072	0.871702	0.950934	-1.0516	0.969548	0.988187	-1.01195	1.20274	1.84574	1.3641	1
cg23240597	ADD;MADD;MADD;MADD;MADD	0.4026635	0.220017	1.28749	1.28749	1.17017	0.751069	-1.33144	0.867857	1.03317	1.03317	0.378313	1.19377	1.19377	0.504595	1.14188	1.14188	0.38495	1.1907	1.1907	0.093496	1.43543	1.43543	0.855175	0.964833	-1.03645	0.259162	1.25944	1.25944	1.20273	0.731373	0.540525	1
cg07585331	EPCAM	0.4026636	0.710991	1.07985	-1.04985	0.406702	2.22723	2.22723	0.0774333	2.63736	2.63736	0.674165	1.49024	1.49024	0.360032	0.411566	-2.42974	0.696161	1.44808	1.44808	0.167629	2.18461	2.18461	0.0749278	0.496805	0.495349	1.92822	1.92822	1.20273	16.9538	12.5398	1
cg10260220	TUBG2	0.4026706	0.870059	0.977084	-1.02345	0.358695	0.874441	-1.14359	0.2404034	1.19009	1.19009	0.0973597	0.955692	-1.04636	0.276207	1.14204	1.14204	0.916363	1.05499	1.05499	0.265962	1.17676	1.17676	0.868575	1.02373	1.02373	0.0348399	1.41661	1.41661	1.20273	0.3819524	0.282264	1
cg26066433	PPP1R13B	0.4026747	0.337959	0.673782	-1.48416	0.596891	1.23782	1.23782	0.0611299	2.3245	2.3245	0.707227	1.16279	1.16279	0.596203	1.23832	1.23832	0.200916	1.71591	1.71591	0.154243	1.83975	1.83975	0.428914	1.38099	1.38099	0.716804	0.864493	-1.15675	1.20271	3.04354	2.2494	1
cg02298612	CHSTE	0.402658	0.746304	0.858499	-1.19632	0.176633	2.12036	2.12036	0.012757	2.67986	2.67986	0.809693	1.14251	1.14251	0.410888	0.628549	-1.59097	0.15345	2.32569	2.32569	0.19432	2.13447	2.13447	0.182465	0.858518	-1.1648	0.904541	0.935897	-1.06849	1.20268	5.80809	4.29269	1
cg25333258	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.402666	0.447219	0.591432	-1.69081	0.900165	1.08882	1.08882	0.463063	1.65932	1.65932	0.633441	1.38373	1.38373	0.163835	0.365198	-2.73824	0.435348	0.582986	-1.71531	0.0695961	0.359877	3.95877	0.362121	1.88717	1.88717	0.884932	1.10316	1.103116	1.20268	8.75532	6.47098	1
cg05643373	MAML1;MAML1;MAML1	0.4026683	0.429648	1.49208	1.49208	0.2983854	1.07053	1.07053	0.0911809	1.46205	1.46205	0.280993	1.48205	1.48205	0.0858	0.867858	-1.15232	0.386308	1.1006	1.1006	0.0973493	0.749412	-1.33438	0.770441	1.10819	1.10819	0.20627	2.14806	1.73544	1.20268	1.37346	1.01497	1
cg03091263	GJC2;.GUK1;GUK1;GUK1	0.4026671	0.305222	0.637384	-1.56891	0.0471813	0.381586	-2.62064	0.587963	0.792905	-1.26119	0.851808	0.923733	-1.08256	0.157881	0.527012	-1.89749	0.209088	0.57026	-1.75359	0.840801	0.918221	-1.08906	0.435716	1.40122	1.40122	0.438502	0.715184	-1.39824	1.20266	3.42766	2.5334	1
cg20881054	VASH1;VASH1	0.4026672	0.698936	0.847904	-1.17949	0.649353	1.00593	1.00593	0.13795	1.33483	1.33483	0.0955	1.24154	1.24154	0.164559	1.23908	1.23908	0.435088	1.11571	1.11571	0.0955	1.78853	1.78853	0.25379	0.874994	1.15631	1.16931	0.390385	1.12863	1.12863	0.560952	0.266117	1
cg00763907	RBM03;1;RCH2	0.4026674	0.298939	0.757232	-1.32849	0.73694	0.109302	1.0930	0.0932	0.955692	-1.04636	0.276207	1.34829	1.34829	0.91593	1.3146	1.3146	0.398811	1.25591	1.25591	0.110102	0.63634	-1.57149	0.691363	0.90007	-1.11103	0.209827	1.70504	1.41722	1.20265	1.3259	0.979983	1
cg07875360	NDUFS6;MRPL36	0.4026677	0.66435	0.927391	-1.07829	0.0872116	0.721767	-1.38549	0.961524	1.00836	1.00836	0.141795	0.764475	-1.30809	0.683866	0.931755	-1.07324	0.435952	0.871771	-1.14709	0.0426069	0.668274	-1.49639	0.424588	0.868666	-1.15119	0.655026	0.925292	-1.08074	1.20264	0.567813	0.419679	1
cg00420037	C7orf53;C7orf53	0.4026679	0.963467	1.03782	-1.03782	0.723688	0.935574	-1.18455	0.277369	1.10645	1.10645	0.263322	1.06641	1.06641	0.163228	0.671535	-1.48905	0.253709	0.489372	-2.04315	0.0426288	0.415155	2.40926	0.0407254	0.317544	3.15007	0.0472	0.317444	3.15007	1.20263	0.508464	0.40447	1
cg24522085	LASSE	0.402681	0.314032	0.463508	-2.15766	0.0690828	0.222651	-4.49134	0.133485	0.30262	-3.30447	0.999645	0.999671	-1.00033	0.407083	0.534572	-1.87066	0.207073	0.374342	-2.67135	0.232213	0.396434	-2.52348	0.118622	0.286204	-3.49402	0.734346	0.777603	-1.286	1.20263	10.3876	7.67768	1
cg16358843	CCDC88C	0.4026683	0.840181	0.957127	-1.10141	0.409916	1.08689	1.08689	0.503193	0.893366	1.06226	0.666326	0.895903	1.0933	1.06462	0.818315	-1.22291	0.373298	1.14832	1.14832	0.253155	0.564658	-1.77102	0.916307	0.977347	-1.02305	0.645458	0.801332	-1.24792	1.20263	0.484799	0.358267	1
cg19754694	FU43663;FU43663	0.40269	0.137248	1.64232	1.64232	0.100271	1.74734	1.74734	0.281347	0.706786	-1.41486	0.531998	1.21677	1.21677	0.775651	0.915248	1.0926	0.324029	1.3712	1.3712	0.651035	1.11558	1.11558	0.350494	1.7424117	-1.34695	0.738899	1.11155	1.11155	1.20261	1.8297	1.35239	1
cg23894553	ZNRF3	0.4026693	0.541914	0.828807	-1.20655	0.621193	0.859429	-1.16355	0.79802	1.08111	1.08111	0.0939	0.571101	-1.75101	0.105914	0.58445	-1.71101	0.165291	0.637571	-1.56845	0.529718	1.21363	1.21363	0.545354	1.20458	1.20458	0.794793	1.0825	1.0825	1.20261	1.76159	1.30206	1
cg03406844	TNFAIP6	0.4026695	0.256734	1.44009	1.44009	0.2529138	1.68794	1.68794	0.0492	1.88232	1.88232	0.656552	1.154	1.154	0.322153	1.68794	1.68794	0.267906	1.72522	1.72522	0.193772	1.68355	1.68355	0.0605189	0.55314	0.65314	0.100254	1.5887	1.5887	1.2026	1.77522	1.31213	1
cg14483667	WNK2	0.4027111	0.603213	0.797218	-1.25436	0.122592	2.06069	2.06069	0.292202	1.60365	1.60365	0.25839	0.60172	-1.6619	0.208222	0.563604	-1.7743	0.279941	0.615448	-1.62483	0.438784	0.710857	-1.40675	0.774937	0.883477	-1.13189	0.610123	0.800722	-1.24887	1.20257	3.55716	2.62931	1
cg04095790	ADAM32	0.402713	0.50878	1.19336	1.19336	0.4009825	1.25689	1.25689	0.152552	1.85123	1.85123	0.176479	1.9083197	1.90832	0.297182	2.27471	2.27471	0.0971832	2.61023	2.61023	0.0971832	2.63157	2.63157	0.218564	1.68046	1.68046	0.0896	2.00991	2.00991	1.20256	1.98088	1.82227	1
cg25688523	PDZRN3	0.4027115	0.584244	0.848583	-1.17844	0.128405	0.612956	1.62956	0.74029	0.907237	-1.10225	0.427083	0.875891	-1.22744	0.622677	0.935483	-1.06897	0.079206	0.56048	-1.78418	0.456538	1.25271	1.25271	0.851459	0.945824	-1.05728	0.262786	0.706873	1.41468	1.20256	1.68143	1.24286	1
cg22450927	FBXO2;FBXO44	0.4027159	0.622307	0.790146	-1.26559	0.0476069	2.92926	2.92926	0.138364	2.13159	2.13159	0.791494	0.881883	-1.13394	0.648406	0.804299	-1.24332	0.536971	0.743357	-1.34525	0.835313	1.1038	1.1038	0.46958	0.705376	-1.41768	0.812548	0.89342	-1.11929	1.20255	4.28623	3.16826	1
cg06874261	EIF4E1;EIF4E1;EIF4E3;EIF4E3	0.402721	0.193438	1.29101	1.29101	0.2080599	1.35636	1.35636	0.0706826	1.76376	1.76376	0.372802	0.856318	-1.17479	0.274671	0.808197	-1.23762	0.159304	0.697182	-1.43397	0.0971832	0.543219	-1.84067	0.218564	0.588402	-1.70004	0.0896	0.490988	-2.03691	1.20253	0.548814	0.412172	1
cg25688523	PDZRN3	0.4027175	0.584244	0.848583	-1.17844	0.128405	0.612956	1.62956	0.74029	0.907237	-1.10225	0.427083	0.875891	-1.22744	0.622677	0.935483	-1.06897	0.079206	0.56048	-1.78418	0.456538	1.25271	1.25271	0.851459	0.945824	-1.05728	0.262786	0.706873	1.41468	1.20256	1.68143	1.24286	1
cg22450927	FBXO2;FBXO44	0.4027159	0.622307	0.790146	-1.26559	0.476069	2.92926	2.92926	0.138364	2.13159	2.13159	0.791494	0.881883	-1.13394	0.648406	0.804299	-1.24332	0.536971	0.743357	-1.34525	0.835313	1.1038	1.1038	0.46958	0.705376	-1.41768	0.812548	0.89342	-1.11929	1.20255	4.28623	3.16826	1
cg06874261	EIF4E1;EIF4E1;EIF4E3;EIF4E3	0.402721	0.193438	1.29101	1.29101	0.2080599	1.35636	1.35636	0.0706826	1.76376	1.76376	0.372802	0.856318	-1.17479	0.274671	0.808197	-1.23762	0.159304	0.697182	-1.43397	0.0971832	0.543219	-1.84067	0.218564	0.588402	-1.70004	0.0896	0.490988	-2.03691	1.20253	0.548814	0.412172	1
cg01120056	RGL1;ARFC5;RGL1	0.4027424	0.439174	0.806305	-1.24023	0.289945	0.740816	-1.34986	0.13162	0.641001	-1.56006	0.0417122	0.526984	-1.89759	0.159747	0.663701	-1.5067	0.539759	0.84116	-1.18959	0.85846	1.04991	1.04991	0.313255	0.752312	-1.32924	0.590773	0.862327	-1.15965	1.20254	1.41807	1.0482	1
cg01502484	TRADD	0.4027433	0.242977	0.586209	-1.70599	0.0558455	0.418153	-2.39183	0.0276252	0.414348	-2.41398	0.0229826	0.420079	-2.38035	0.0276252	0.421137	-2.37511	0.387313	0.692003	-1.44527	0.0276252	0.421137	-2.37511	0.387313	0.692003	-1.44527	0.0276252	0.421137	-2.37511	1.20254	0.810881	-1.23212	0.0961617	1
cg21876145	LAPTM4A	0.4027729	0.766017	1.08969	1.08969	0.904276	-1.03523	1.03523	0.940421	1.02175	1.02175	0.960516	0.985853	-1.01435	0.460791	1.24123	1.24123	0.260965	1.40132	1.40132	0.0235715	2.17747	2.17747	0.935257	1.02366	1.02366	0.38523	0.773984	-1.29202	1.20253	1.57752	1.16608	1
cg22840464	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.4027732	0.212703	1.32382	-3.09232	0.562649	-1.65442	0.247069	0.353084	-2.83219	0.0763582	0.183435	-5.45152	0.142757	0.257953	1.37868	1.37868	0.112258	0.225975	-4.42527	0.163072	0.272867	-3.59884	0.147024	0.752407	-1.32907	0.404823	0.480393	-2.08163	1.20252	14.0908	10.4158	1
cg17656260	ZNF790	0.4027734	0.875469	1.01887	1.01887	0.367565	1.11667	1.11667	0.177387	1.18639	1.18639	0.88777	1.01698	1.01698	0.111239	1.22979	1.22979	0.0684427	1.27532	1.27532	0.549832	0.930403	-1.0748	0.345694	1.15576	1.15576	0.468428	1.09193	1.09193	1.20252	0.2707009	0.200106	1
cg04848153	ABHD14B;ABHD14B;ABHD14B	0.402774	0.210871	1.47619	-1.21871	0.172688	0.935574	-1.18455	0.277369	1.10645	1.10645	0.263322	1.06641	1.06641	0.163228	0.671535	-1.48905	0.253709	0.489372	-2.04315	0.0426288	0.415155	2.40926	0.0407254	0.317544	3.15007	0.0472	0.317444	3.15007	1.20252	0.508464	0.40447	1
cg05784029	PPP1R9B	0.4027742	0.789122	0.8641	-1.15727	0.151786	2.3088	2.3088	0.262353	1.87693	1.87693	0.735588	1.20285	1.20285	0.855074	0.905175	-1.10476	0.637499	0.772113	-1.29515	0.0523347	0.300457	-3.32826	0.782729	0.860166	-1.16257	0.763206	0.848196	-1.17897	1.2025	5.65477	4.18002	1
cg16431428	JAKMIP1;JAKMIP1	0.4027745	0.907416	1.11983	1.11983	0.0526927	1.17908	1.17908	0.0911256	1.31811	1.31811	0.531264	0.492076	-2.03121	0.684539	1.5788	1.5788	0.0602895	1.6834	1.6834	0.0	1.32963	1.32963	0.0194546	1.80323	1.80323	0.0612585	1.05444	1.05444	1.20249	2.51319	1.67014	1
cg04312643	ELK4;ELK4;ELK4;ELK4	0.4027745	0.177807	1.44098	1.44098	0.18458	0.83784	-1.19355	0.894729	1.1439	1.14039	0.206166	0.266286	-3.75536	0.330437	2.70881	2.70881	0.602895	1.6834	1.6834	0	?	?	0.123963	0.191456	-5.22312	0.679248	0.661939	-1.51071	1.19692	16.9909	13.8613	1
cg04348265	S2;SORBS2;SORBS2	0.4027774	0.43009	0.632164	-1.58187	0.38106	0.599545	-1.66793	0.463137	1.52996	1.52996	0.553018	1.40737	1.40737	0.429024	0.632055	-1.58214	0.375118	0.595512	-1.67923	0.0794877	0.330099	-3.02939	0.103093	0.362289	-2.76023	0.817013	0.14108	1.14108	1.20243	0.17447	4.56446	1
cg04275947	PRSS8	0.4027783	0.554451	1.18037	1.18037	0.198764	1.45736	1.45736	0.469005	0.815201	-1.22669	0.535141	1.19028	1.19028	0.680743	0.891596	-1.12158	0.421468	0.79632	-1.25578	0.449332	1.23839	1.23839	0.0665724	0.565224	-1.76921	0.564443	1.17535	1.17535	1.20241	1.4648	1.08286	1
cg26395421	HERC1;HERC1	0.4027789	0.263428	0.895445	-1.11626	0.209943	0.882804	1.13275	0.914732	0.995994	-1.00316	0.252335	0.891322	-1.11942	0.563668	0.821463	-1.21734	0.168504	0.87072	-1.14847	0.142636	0.861854	-1.16028	0.854656	1.0234	1.0234	0.915155	0.950128	-1.05249	1.20239	0.169495	0.123502	1
cg05022128	C7orf26	0.4028399	0.658399	0.884027	-1.12515	0.193499	0.683054	-1.46401	0.212193	0.737251	-1.35631	0.128666	0.634489	-1.57602	0.742563	0.912732	-1.09561	0.814495	0.93696	-1.06728	0.270825	1.37385	1.37385	0.765281	1.08466	0.921868	0.713018	0.902719	-1.10776	1.20239	0.4557	0.33849	1
cg03566204	PLCXD3	0.4027797	0.151468	0.447021	-2.23703	0.686866	1.23651	1.23651	0.504328	1.42611	1.42611	0.762175	0.852993	-1.17234	0.0442848	0.298086	-3.35473	0.958477	0.973093	-1.02765	0.548218	0.732739	-1.37478	0.39235	1.5826	1.5826	0.659008	0.792433	-1.26194	1.20238	5.2262	3.86361	1
cg04383208	FAM184A;FAM184A	0.4028088	0.881241	0.96488	-1.03624	0.694782	1.04569	1.04569	0.0853912	1.20722	1.20722	0.479424	1.07904	1.07904	0.283132	0.779242	-1.28329	0.597957	0.695708	-1.43762	0.0667394	0.508092	1.08921	1.08921	0.0667394	1.08921	1.08921	0.0667394	1.08921	1.20238	1.34901	1.27298	0.7215355	0.8805181	1
cg10297491	CUGBP2;CUGBP2	0.4028811	0.254892	1.1769	1.2769	0.277349	0.784373	-1.2749	0.193263	0.743813	-1.34442	0.417368	1.45005	1.45005	0.196253	0.743811	-1.34442	0.417368	1.45005	1.45005	0.196253	0.743811	-1.34442	0.417368	1.45005	1.45005	0.196253	0.743811	-1.34442	1.20238	1.34904	0.470718	1.16817	1.16817	0.449703	0.847391	-1.18009	1.20235	0.8800058	0.650622	1
cg09330834	OSBPL5;OSBPL5;OSBPL5	0.4028817	0.488006	0.77707	-1.28708	0.0723194	1.64262	1.64262	0.14841	1.64841	1.64841	0.0795528	1.64948	1.64948	0.0574747	1.64948	1.64948	0.60741	0.815332	-1.22649	0.182143	0.48314	0.48314	0.234018	0.616016	-1.62333	0.477555	0.752398	1.32908	1.20234	2.68546	2.18496	1
cg17069743	NR2F2	0.4028822	0.29307	2.13194	2.13194	0.170026	2.78505	2.78505	?	?	?	?	?	?	0.599684	1.43895	1.43895	0.265353	0.446204	2.24113		?	?	?	?	?	?	?	?	0.856651	0.883475	-1.13189	1.26192	4.78367	4.71715	1
cg24973221	NPPSA	0.4028824	0.734119	0.88208	-1.13368	0.0314513	2.53117	2.53117	0.448144	1.32911	1.32911	0.547795	1.25089	1.25089	0.648509	1.29788	1.29788	0.533264	1.26143	1.26143	0.0853293	1.99168	1.99168	0.5881	1.22293	1.22293	0.972242	1.01289	1.01289	1.20232	2.57933	1.96093	1
cg05987043	AKAP2	0.4028825	0.923986	1.02435	1.02435	0.162798	1.45589	1.45589	0.111704	1.54762	1.54762	0.597164	1.14391	1.14391	0.719686	1.09736	1.09736	0.305756	1.30649	1.30649	0.226758	0.726188	-1.37705	0.330724	0.776452	-1.28791	0.473303	1.20187	1.20187	1.20231	1.21024	0.894749	1
cg09978215	ADIG01	0.4028827	0.582837	1.1705	1.1705	0.464231	1.42311	1.42311	0.0911256	1.31811	1.31811	0.531264	0.492076	-2.03121	0.684539	1.5788	1.5788	0.0602895	1.6834	1.6834	0	?	?	0.123963	0.191456	-5.22312	0.679248	0.661939	-1.51071	1.19692	16.9909	13.8613	1
cg16764042	PACSIN1	0.4028843	0.631875	1.42171	1.42172	0.238843	0.406869	-2.45779	0.194642	2.71866	2.71866	0.13145	2.37743	2.37743	0.6071	0.685159	-1.45951	0.329193	0.479043	2.08358	0.258167	0.423128	-2.36318	0.0796016	0.894905	-1.11744	0.68731

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(1 N)	Fold-21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 637 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg24308316	STBD1	0.403157	0.0763509	1.88224	0.618324	1.691184	0.655683	-1.52513	0.571621	1.82889	1.82889	0.301998	0.322925	-3.0957	0.533184	0.515159	-1.94872	0.0592968	6.94976	6.94976	0.975215	1.03339	1.03339	0.883637	0.855077	-1.16744	0.822851	-1.26748	1.20158	21.2646	15.7308	1
cg18676679	BANP;BANP	0.40316	0.897206	1.1038	1.31208	1.416658	1.88564	1.88564	0.624539	1.45775	1.45775	0.303978	0.225731	2.25731	0.97998	0.98101	1.01936	0.7242295	1.31074	1.31074	0.11941	0.274948	-3.63705	0.730231	1.30275	1.30275	0.0555693	1.24696	5.24696	1.20157	11.1101	8.21892	1
cg00014112	GYPC;GYPC	0.40316	0.0757616	0.115772	-8.6377	0.694937	0.650546	-1.53717	0.27423	3.45938	3.45938	0.459474	0.439722	-2.27416	0.0858953	0.126129	-7.92838	0.431482	0.416511	-2.40089	0.835253	1.25505	1.25505	0.484741	0.460918	-2.16958	0.689177	0.644943	-1.55052	1.20157	22.6461	16.753	1
cg23165164	NTM;NTM	0.40316	0.7882312	1.15607	1.15607	0.49531	0.688842	-1.45208	0.2133341	1.96033	1.96033	0.38607	0.31388	1.63388	0.6088444	0.8110056	-1.23296	0.2680607	0.537158	-1.86161	0.19112	0.474446	-2.10772	0.141631	0.0248852	-2.34273	0.456732	1.50424	1.50424	1.20157	5.52202	4.08503	1
cg06855182	HDAC4	0.403161	0.628289	1.39064	1.39064	0.0700478	0.93175	3.93175	0.0385657	5.05205	5.05205	0.705727	1.2923	1.2923	0.939396	1.05274	1.05274	0.925135	1.06559	1.06559	0.7961	0.839429	-1.19158	0.498958	1.59034	1.59034	0.763002	0.813152	-1.22978	1.20157	8.69491	6.43225	1
cg12749800	ATP8A1;ATP8A1	0.403166	0.364958	1.34221	1.34221	0.283926	0.703307	-1.42185	0.675689	0.875449	-1.14228	0.424578	1.29412	1.29412	0.311323	1.39261	1.39261	0.192264	1.45706	1.45706	0.565982	1.20135	1.20135	0.243783	0.680056	-1.47047	1.20156	1.90229	1.40728	1
cg26555401	DR1;DR1	0.403169	0.0828908	0.698853	-1.42887	0.274963	1.23503	1.23503	0.12854	1.35704	1.35704	0.789796	1.05091	1.05091	0.797588	1.04892	1.04892	0.437034	0.862991	-1.15876	0.706449	1.07285	1.07285	0.422139	1.16462	1.16462	0.702561	1.07391	1.07391	1.20156	0.6573	0.486259	1
cg10076568	DENND3	0.403176	0.0743165	3.23956	3.23956	0.84845	0.90521	-1.10473	0.9660975	1.02542	-1.02542	0.105533	0.352172	-2.83952	0.200981	0.457749	-2.1846	0.559728	0.706039	-1.41603	0.915967	0.942413	-1.06111	0.949398	0.963378	-1.03801	0.615109	0.739118	-1.35296	1.20154	6.62846	4.60368	1
cg20058744	C11orf66;C11orf66	0.403183	0.312753	0.547939	-1.82502	0.0454064	0.26655	-3.75164	0.201052	0.45933	-2.17709	0.80069	1.5569	1.5569	0.684748	0.790269	-1.26539	0.423513	0.624402	-1.60153	0.405497	0.612418	-1.63287	0.0982042	0.351694	-2.84338	0.903543	0.932534	-1.07235	1.20152	6.31667	4.67308	1
cg04762346	S1PR2	0.403184	0.865088	0.922574	-1.08392	0.516443	0.731699	-1.36668	0.625808	0.792044	-1.26256	0.738247	1.17234	1.17234	0.226466	0.545367	-1.83363	0.473236	1.41418	1.41418	0.0496168	0.338382	-2.95524	0.131454	0.458036	-2.18323	0.552481	0.751816	-1.33011	1.22563	4.26652	2.70752	1
cg23329026	IL18AP1;IL18AP1;CCL11;CCL3;CCL11;CCL13;CCL11;CCL3;CCL11;CCL13;CCL11;CCL3;CCL11;CCL13

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg19004597	EMP1	0.403799	0.318807	1.24331	0.243311	0.834102	0.956628	-1.04534	0.073594	1.52455	1.52455	0.875135	0.9673	-1.03581	0.30859	1.24956	1.24956	0.456674	1.17382	1.17382	0.8882824	1.48829	1.48829	0.3149756	1.3384	1.3384	0.8270129	0.954787	1.04755	1.20016	0.8495597	0.620245	1
cg06117341	CLDN9,CLDN9	0.403802	0.655833	1.18114	1.18114	0.954272	0.17963	1.97361	0.389118	1.38758	1.38758	0.745015	0.30945	1.30945	0.370822	1.40644	1.40644	0.544802	0.796547	-1.25542	0.134314	0.549238	-1.82071	0.52732	0.788443	-1.62582	0.5327117	1.2643	1.2643	1.200116	2.618118	1.93914	1
cg14920716	ZNF146;ZNF146;ZNF14(	0.403802	0.637272	0.912957	-1.09534	0.183399	1.31264	1.31264	0.534348	1.12825	1.12825	0.470981	1.15097	1.15097	0.393087	1.18264	1.18264	0.0816607	1.44772	1.44772	0.0538419	1.52156	1.52156	0.659607	1.0887	1.0887	0.7236314	1.07045	1.07045	1.200116	0.6988015	0.517566	1
cg11369172	CHCH03	0.403803	0.703283	0.810173	-1.22204	0.0688557	0.540634	-1.84956	0.841748	1.0621	1.0621	0.147103	0.625686	-1.59825	0.549653	0.833237	-1.20014	0.581271	0.845454	-1.1828	0.1116164	0.597756	-1.67292	0.946361	1.02048	0.1448212	0.623773	1.603315	1.200115	1.72643	1.27868	1
cg13604223	XPC;XPC;LSM3;XPC	0.40381	0.954831	0.991521	-1.00814	0.259561	1.19465	1.19465	0.256827	1.17944	1.17944	0.0596214	1.35585	1.35585	0.226424	1.07278	1.07278	0.783031	1.04071	1.04071	0.187255	0.816692	-1.22445	0.798251	0.963983	-1.03736	0.903824	0.982838	-1.01746	1.200114	0.3898626	0.288726	1
cg12347084	HTRA2;AUP1;HTRA2	0.403814	0.886283	1.0515	1.0515	0.430993	0.754179	-1.32595	0.834597	1.07615	1.07615	0.749427	0.893607	-1.11905	0.0540226	0.464103	-2.15469	0.246341	0.653291	-1.53071	0.125285	0.558568	-1.79029	0.517123	1.25927	1.25927	0.6979094	1.14684	1.14684	1.20013	2.34178	1.73446	1
cg19911880	ASAP1	0.40383	0.582802	0.84139	-1.18851	0.326877	1.37039	1.37039	0.911647	1.03516	1.03516	0.16737	0.632431	-1.5812	0.403938	0.766539	-1.30457	0.573142	1.19391	1.19391	0.0891573	1.79244	1.79244	0.292888	1.40452	1.40452	0.9022	0.962452	-1.03901	1.2001	1.84205	1.36437	1
cg19544373	RAPGEF1	0.403831	0.618287	1.2044	1.2044	0.532283	1.35936	1.35936	0.463522	1.17136	1.17136	0.485379	0.765511	-1.29953	0.169048	1.71859	1.71859	0.186486	1.67793	1.67793	0.107792	1.91313	1.91313	0.310368	1.62872	1.62872	0.4414411	0.748182	-1.33657	1.20009	2.5959	1.92274	1
cg25011368	DHCR24	0.403832	0.742822	1.21776	1.21776	0.466732	1.55761	1.55761	0.584529	0.718645	-1.39151	0.27218	0.704546	-1.58159	0.0510057	0.262743	-3.806	0.286939	1.93794	1.93794	0.240299	1.12676	1.12676	0.581295	1.39557	1.39557	0.505386	0.667388	-1.49838	1.20009	0.80498	0.50404	1
cg20402079	RHOBTB3	0.403833	0.65464	1.15846	1.15846	0.496994	0.797732	-1.25355	?	?	?	0.94046	1.02465	1.02465	0.403668	0.75516	-1.32422	0.614949	0.84722	-1.18033	0.0447718	0.453611	-2.20453	?	?	0.606554	1.18511	1.18511	1.24187	1.54752	1.0681	1
cg17864730	ITGB8;ITGB8	0.403836	0.214855	0.877613	-1.13977	0.0955795	1.10425	1.10425	0.27378	0.89284	-1.12002	0.0875135	0.155168	1.09975	0.0602	1.33483	1.33483	0.502782	1.07003	1.07003	0.549909	1.08206	1.08206	0.773125	1.02919	1.02919	0.8560284	0.668881	1.04376	1.20008	0.1882276	0.119454	1
cg12985235	MPND;MPND	0.40384	0.1383	0.25395	-3.9433	0.887908	1.12892	1.12892	0.716215	0.730595	-1.36875	0.401527	0.477952	-2.09326	0.0172497	0.116734	-8.56647	0.249066	0.346419	-2.88668	0.277104	0.378368	-2.64293	0.890126	0.89377	-1.11886	0.445756	0.512584	-1.9509	1.20007	14.05606	10.4073	1
cg26547219	WWTR1;WWTR1;WWTR1	0.403844	0.220316	0.93255	-1.07253	0.0607903	1.21728	1.21728	0.241864	1.44063	1.44063	0.266512	1.399	1.399	0.657652	1.17604	1.17604	0.442288	1.26535	1.26535	0.206325	0.729337	1.67529	1.67529	0.756435	1.46883	1.46883	0.044784	17.2687	17.2687	1.20007	29.0728	21.5343	1
cg22453020	ETFA;ETFA	0.403845	0.654776	1.07577	1.07577	0.2636	0.827686	-1.20819	0.688899	1.06749	1.06749	0.504629	1.01014	1.01014	0.650088	1.07693	1.07693	0.106385	1.33128	1.33128	0.146502	0.774273	-1.29153	0.707891	0.940745	-1.06299	0.235686	0.81736	-1.22345	1.20006	0.5005552	0.37076	1
cg26046197	AP2A2	0.403848	0.66934	1.18348	1.18348	0.0324713	2.68897	2.68897	0.158719	1.80536	1.80536	0.936806	0.109158	1.03158	0.771489	0.892082	-1.12097	0.339338	0.679645	-1.47136	0.665514	1.18597	1.18597	0.844287	1.08016	1.08016	0.874817	1.06378	1.06378	1.20006	2.922668	2.16485	1
cg27513325	RPS6KA2;RPS6KA2	0.403861	0.602872	0.754319	-1.3257	0.742082	0.623729	-1.60525	0.742782	1.22913	1.22913	0.99126	1.00126	0.449022	1.59166	1.51646	2.75447	0.875599	-1.16605	0.981553	0.987625	-1.01253	0.0313336	0.257535	-3.88296	0.0930911	-1.04265	0.695944	1.23486	1.23486	1.20003	5.4833	4.06161	1
cg05398307	C15orf17	0.403866	0.432423	1.18595	1.18595	0.550773	1.13711	1.13711	0.996849	1.00084	1.00084	0.889152	1.03013	1.03013	0.750656	1.07022	1.07022	0.986064	1.00372	1.00372	0.0859441	1.4977	1.4977	0.0275347	1.7416	1.7416	0.786326	1.05955	1.05955	1.20002	0.861163	0.637891	1
cg15577451	TAPT1	0.403871	0.369055	1.24288	1.24288	0.64012	1.17137	1.17137	0.684839	0.90831	-1.10095	0.180164	0.721078	-1.38681	0.784838	1.06663	1.06663	0.0599194	1.66594	1.66594	0.004737	1.22253	1.22253	0.947679	1.25595	1.25595	0.385316	1.23339	1.23339	1.20001	1.05537	0.781989	1
cg19607942	TXNDC15	0.403887	0.276759	1.72005	1.72005	0.142782	0.632973	-1.57985	0.480769	0.812139	-1.23132	0.0820522	1.74958	1.74958	0.822937	1.06724	1.06724	0.417313	1.27209	1.27209	0.484984	0.813813	-1.22878	0.92027	0.96521	-1.03604	0.719017	0.904042	1.11059	1.20001	1.60208	1.18671	1
cg08369870	AARS	0.403868	0.744709	1.54786	1.54786	0.528582	2.42162	2.42162	?	?	?	0.122945	20.5069	20.5069	?	?	?	?	?	?	0.601521	2.05206	2.05206	?	?	1.69391	14.4777	4.27346	1
cg19249740	CAPN8	0.403879	0.123512	0.766314	-1.30488	0.203871	0.940356	-1.06319	0.798027	1.04175	1.04175	0.317516	0.847889	-1.17955	0.44756	1.24956	1.24956	0.634223	0.926393	-1.07946	0.12064	1.30801	1.30801	0.143897	0.7778168	-1.28507	0.845625	1.03158	1.03158	1.19999	0.48356	0.358196	1
cg14554488	FAM75C1	0.403881	0.912629	0.950434	-1.05215	0.446605	1.43234	1.43234	0.369944	0.652810	-1.53182	0.314683	0.617813	-1.61861	0.038857	0.330303	-3.02752	0.550617	0.756022	-1.32271	0.166432	0.50398	-1.9842	0.610141	0.788067	-1.26893	0.333183	0.629805	-1.58779	1.19998	4.07706	3.02009	1
cg26893096	GPR133	0.403882	0.667369	0.91981	-1.08718	0.334606	0.878305	-1.13856	0.77037	1.05791	1.05791	0.460577	1.15545	1.15545	0.219427	0.780934	-1.28057	0.999784	0.786862	-1.27048	0.118161	0.912293	-1.31353	0.311198	1.22284	1.22284	0.31154	0.817609	-1.22308	1.19998	0.7030663	0.520796	1
cg10553028	CMTM8	0.403888	0.783297	1.09225	1.09225	0.642365	1.16147	1.16147	0.157344	0.616325	-1.62252	0.725761	0.893407	-1.11931	0.127645	0.590247	1.69421	0.348853	1.73441	1.73441	-1.36162	0.83327	0.1698	1.0698	0.428464	1.29528	1.29528	0.167071	1.60229	1.60229	1.19997	1.94681	1.44212	1
cg26815121	EFHD2	0.403889	0.443153	1.1885	1.1885	0.351282	1.236	1.236	0.654213	0.905219	-1.10471	0.585808	0.811768	-1.23188	0.998835	0.999678	-1.00032	0.830512	1.04848	1.04848	0.0284137	1.37061	1.37061	0.98504	0.995867	-1.00415	0.677643	0.911806	-1.09672	1.19997	0.927096	0.686757	1
cg07283098	EPHB1	0.403894	0.792304	1.041	1.041	0.396097	1.14541	1.14541	0.749808	1.12746	1.12746	0.671069	0.907054	-1.10227	0.0267107	0.659754	-1.51572	0.640017	1.0727	1.0727	0.810599	1.23366	1.23366	0.240582	1.83104	1.83104	0.1179988	1.2026	1.12958	1.19995	0.8440213	0.530976	1
cg00885732	GINS3;GINS3;GINS3;GINS3;GINS3;GINS	0.4039	0.500964	0.881927	-1.13388	0.114587	0.729304	-1.37117	0.72881	0.937884	-1.06612	0.396381	1.17322	1.17322	0.725353	1.06703	1.06703	0.960491	0.990929	-1.00915	0.431956	0.86284	-1.15896	0.315176	1.21051	1.21051	0.1115662	1.37546	1.37546	1.19994	0.6430015	0.47633	1
cg10185544	PEBP4	0.403912	0.243971	0.384591	-2.60017	0.873392	1.13116	1.13116	0.616973	0.673491	-1.4848	0.230875	0.74244	0.74244	0.056953	0.1848	-5.41125	0.794448	1.22708	1.22708	0.262997	0.36938	-2.70724	0.879409	0.887876	-1.12628	0.881546	1.12399	1.12399	1.19992	1.6778	0.865085	1
cg05638471	SDF4;SDF4	0.403914	0.58396	1.54679	1.54679	0.0281525	7.72769	7.72769	0.262377	2.51365	2.51365	0.895348	0.901403	-1.10938	0.424365	0.525444	-1.90315	0.791097	0.811076	-1.23293	0.627298	1.47097	1.47097	0.826075	0.840651	-1.18955	0.422227	1.90906	1.90906	1.19991	11.8225	8.75809	1
cg24829313	RCOR2	0.403914	0.83115	1.09731	1.09731	0.2851	0.881252	-1.2007	0.418659	0.660393	-1.51478	0.409641	0.610372	-1.63849	0.0134	0.156014	-6.40703	0.530598	0.911037	-1.09751	0.40977	0.30806	1.10806	0.989178	0.8300701	-1.20479	0.0810191	0.103109	1.00199	0.8434871	1.03109	0.2440882	0.302853	1
cg28241082	PTPRK;PTPRR	0.403925	0.0757587	0.286766	-3.48717	0.421942	0.595465	-1.67936	0.209198	0.433225	-2.30827	0.817802	0.864305	-1.157	0.0445759	0.232813	-4.2953	0.670885	0.763287	-1.31012	0.231761	0.457694	-2.18487	0.585093	0.705811	-1.41681	0.472492	0.630149	-1.58693	1.19989	7.58942	5.62233	1
cg04783019	TCF12;TCF12;TCF12;TCF12	0.403926	0.789854	1.08138	1.08138	0.165451	0.878305	-1.13856	0.77037	1.05791	1.05791	0.460577	1.15545	1.15545	0.219427	0.780934	-1.28057	0.999784	0.786862	-1.27048	0.118161	0.912293	-1.31353	0.311198	1.22284	1.22284	0.31154	0.817609	-1.22308	1.19988	0.7030663	0.520796	1
cg15522201	IPPK	0.403937	0.738344	1.04505	1.04505	0.0775117	1.29423	1.29423	0.131262	1.23882	1.23882	0.234503	0.848914	-1.17708	0.427165	1.11245	1.11245	0.287641	1.15617	1.15617	0.558139	1.08095	1.08095	0.990182	0.998532	-1.00147	0.789665	0.96547	-1.03577	1.19986	0.3283808	0.243219	1
cg07170183	TRAF6;TRAF6	0.403937	0.274103	0.402373	-2.48526	0.326699	2.15195	2.15195	0.881193	1.12709	1.12709	0.398406	0.50075	-1.997	0.0786693	0.20965	-4.76985	0.381335	0.487587	-2.05092	0.142353	0.283192	-3.53117	0.985812	0.985876	-1.01433	0.643634	0.45161	1.45161	1.19986	12.1608	9.00907	1
cg26577478	STK25	0.403946	0.3255955	0.7139	-1.40049	0.0766305	1.01427	1.01427	0.531071	1.21925	1.21925	0.543473	0.818816	-1.22128	0.0936202	0.44055	-2.26995	0.0490695	0.481768	-2.07593	0.0156828	0.242989	-4.11616	0.0966464	0.2197883	-2.00775	0.0172678	0.0592239	-1.69423	1.19984	2.209775	1.44742	1
cg21892973	CLCN4	0.403946	0.122334	0.398032	-2.51236	0.1110332	0.384747	-2.59911	0.261992	0.525446	-1.90314	0.676539	1.25965	1.25965	0.907691	1.0659	1.0659	?	?	?	0.298622	0.552817	-1.80892	0.422184	1.57001	1.57001	0.918214	0.945058	-1.05814	1.19421	0.50891	4.26131	1
cg05622960	SNORD1C	0.403948	0.339804	0.663358	-1.50729	0.916244	1.08174	1.08174	1.015747	0.9991589	1.13149	1.13149	0.310907	1.38145	1.38145	0.0429452	2.32911	0.699211	1.05964	1.05964	0.363166	1.19205	1.19205	0.241702	1.42377	1.42377	0.1225137	1.12237	1.12237	1.19984	0.4229653	0.313348	1
cg07350078	SRGAP2;SRGAP2	0.403948	0.431208	0.498388	-2.00647	0.229407	0.98384	0.98384	0.12699	4.18164	4.18164	0.662188	0.485385	1.14395	0.133985	0.251869	3.97031	0.609689	1.56254	1.56254	0.772577	1.28555	1.28555	0.805959	1.2378	1.2378	0.313209	0.404871	-2.46992	1.19983	14.2779	10.5777	1
cg00779294	POU1F1;POU1F1	0.403956	0.0397036	0.225518	-4.43424	0.483968	0.640538	-1.56119	0.717634	0.796585	-1.25536	0.841082	1.13397	1.13397	0.302783	0.51249	-1.95126	0.370694	1.77828	1.77828	0.329294	1.87853	1.87853	0.982037	0.1042	0.1042	0.819889	0.15352	0.15352	1.19982	7.4522	5.52098	1
cg05140232	DDAH1	0.403957	0.3120022	0.6464	-1.54702	0.332221	0.73512	0.73512	0.0539226	0.68468	-1.46002	0.0659385	0.763867	-1.30952	0.0373455	0.309382	-3.23191	0.186745	0.519134	-1.92629	0.270236	0.594055	-1.71217	0.311594	0.6604996	-1.51439	0.2622318	0.773799	-1.29203	1.19982	0.4616971	0.338915	1
cg10128868	PDIA4	0.40396	0.779685	1.0459	1.0459	0.30262	1.1856	1.1856	0.316857	1.18008	1.18008	0.191193	0.801358	-1.24788	0.422581	0.877149	-1.14006	0.143561	0.77764	-1.28594	0.365249	0.861686	-1.16052	0.774346	1.04707	1.04707	0.35399	1.16485	1.16485	1.19981	0.4805566	0.360477	1
cg12908157	SPIS12P1;SDCCAG10	0.403963	0.750334	1.04481	1.04481	0.3196097	1.14341	1.14341	0.749808	1.12746	1.12746	0.671069	0.907054	-1.10227	0.0267107	0.659754	-1.51572	0.640017	1.0727	1.0727	0.810599	1.23366	1.23366	0.240582	1.83104	1.83104	0.1179988	1.2026	1.12958	1.19995	0.8440213	0.530976	1
cg27450867	CENPM;CENPM;CENPM	0.403963	0.602376	0.696364	-1.43603	0.135647	1.02589	1.02589	0.20344	2.51989	2.51989	0.430544	0.574686	-1.74008	0.10877	0.299916	-3.33427	0.742886	0.797219	-1.25436	0.819293	1.17063	1.17063	0.488769	1.62284	1.62284	0.70659	1.2974	1.2974	1.1998	9.00685	6.67284	1
cg01402099	OMA1	0.403968	0.292229	0.703592	-1.42128	0.0706483	0.516806	-1.93496	0.559114	0.824461	-1.21291	0.403955	0.786652	-1.27121	0.569316	0.828674	-1.20675	0.596057	0.839619	-1.19102	0.304302	1.4157	0.697935	0.880347	-1.13592	0.08443	0.535845	-1.86621	1.19979	0.202885	1.50311	1
cg25779653	FAM89B;FAM89B;FAM89B	0.403977	?	?	?	0.363407	0.528939	-1.89058	0.554165	1.50378	1.50378	0.0819357	3.72198	3.72198	?	?	?	0.571587	1.74667	1.74667	0.275784	0.463621	-2.15628	0.562593	1.34899	1.34899	0.5970723	0.68101	-1.46841	1.18565	0.78985	0.54478	1
cg14804633	HN1L PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.403997	0.795566	1.05367	1.05367	0.195061	0.758832	-1.31781	0.414111	0.845263	-1.18306	0.478956	1.15596	1.15596	0.886908	1.02907	1.02907	0.223259	0.772846	-1.29392	0.710368	0.927639	-1.07801	0.957375	1.01082	1.01082	0.0676485	1.51016	1.51016	1.19973	0.7704414	0.570807	1
cg26122213	PRKAR1B;PRKAR1B	0.403999	0.0963611	0.521843	-1.91629	0.20528	0.621221	-1.60973	0.24065	0.645375	-1.54901	0.0828674	0.504524	-1.98207	0.0979326	0.523741	-1.90934	0.394164	0.732775	-1.36468	0.827265	0.925103	-1.08056	0.519409	0.792423	-1.26195	0.494647	0.781102	-1.28204	1.19972	2.41132	1.78658	1
cg15921731	ZDHHC14;ZDHHC14	0.403999	0.345907	2.44913	2.44913	0.0344916	9.17157	9.17157	0.100604	5.25744	5.25744	0.554415	1.73636	1.73636	0.497478	1.88819	1.88819	0.845414	0.835164	-1.19737	0.260518	2.88942	2.88942	0.441393	2.06351	2.06351	0.842943	1.20088	1.19972	16.1794	11.9875	1
cg19432894	DNAJA1;DNAJA1	0.404004	0.805567	1.04315	1.04315	0.2599	0.449434	-2.04934	0.148677	0.89483	3.98483	?	?	?	?	?	?	0.678778	0.692121	-1.44483	0.114818	0.215723	-4.63557	0.815861	0.818426	-1.22876	0.78325	1.27577	1.20983	1.19972	11.3725	9.40007	1
cg13927387	YAP1;YAP1	0.404004	0.124071	0.420726	-2.37684	0.810191	0.882421	-1.13225	0.253815	0.539738	-1.85275	0.282007	0.559227	-1.78818	0.215889	0.508102	-1.96811	0.231127	0.522086	-1.9154	0.0933619	0.318073	3.09888	0.988981	1.06825	1.06825	0.522894	0.714184	-1.4002	1.19971	0.13495	3.80458	1
cg18579447	MAPK5P1;MAPK5P1	0.404005	0.402959	0.744666	-1.34302	0.0966602	0.762182	-1.31227	0.218218	0.838002	1.19248	0.332099	0.882844	-1.1327	0.0966602	0.762182	-1.31227	0.0483997	1.5588	1.5588	0.0238346	1.12327	1.12327	0.0356982	1.04495	1.04495	0.2419319	1.25941	1.25941	0.7790911	1.05093	1.19971	0.5443727	0.3722	1
cg00621750	SLC25A38	0.404008	0.137868	0.592575	-1.68755	0.488425	0.794125	-1.25925	0.984054	0.993476	-1.00657	0.638315	0.618282	-1.61739	0.225838	0.65932	-1.51671	0.434161	0.770003	-1.2987	0.137077	1.6896	1.6896	0.524132	0.8094936	-1.23543	0.540536	0.816348	-1.22497	1.1997	2.03803	1.51003	1
cg19630905	FADS2	0.404014	0.151515	0.662968	-1.50837	0.858308	1.04896	1.04896	0.962504	1.01265	1.01265	0.644937	0.882947	-1.13257	0.344162	0.769366	-1.29977	0.601907	0.868704	-1.15114	0.0939029	0.527845	-1.89449	0.941946	1.02604	1.02604	0.387444	1.26737	1.26737	1.19969	0.3591	0.60716	1
cg14120542	PIP4K2B	0.404017	0.622385	1.44555	1.44555	0.897608	1.02286	1.02286	0.103508	1.36695	1.36695	0.558804	1.10959	1.10959	0.483374	0.882456	1.1332	0.929891	1.01557	1.01557	0.519158	1.12156	1.12156	0.714243	1.06664	1.06664	0.140395	1.32106	1.32106	1.19968	0.5855555	0.433859	1
cg07592136	KLK6;KLK6;KLK6	0.404018	0.221509	0.747691	-1.33745	0.133067	0.693025	-1.44295	0.477539	0.849247	-1.17751	0.569875	1.13876	1.13876	0.0831635	1.54348	1.54348	0.909888	0.974707	-1.02595	0.492951	0.854229	-1.17065	0.761909	0.913553	-1.07118	0.761957	0.933569	-1.07116	1.19968	0.9728805	0.720788	1
cg18270280	HIAT1	0.404021	0.0849353	0.717539	-1.39332	0.0491771	1.48446	1.48446	0.0483718	1.72519	1.72519	0.15474	0.653496	-1.53017	0.0180819	0.566452	-1.76535	0.853261	0.936112	-1.06821	0.713574	0.656709	0.474983	-2.10557	?	?	0.556709	0.474983	-2.10557	1.19967	0.3931	0.60716	1
cg16294007	NQO2;NQO2	0.404022	0.212453	2.24088	2.24088	0.597508	0.722371	-1.38433	0.389905	0.583319	-1.71433	0.925506	1.05866	1.05866	0.436377	0.61542	-1.62491	0.610313	1.36845	1.36845	0.261734	0.25019	-3.99617	0.0206112	1.23347	1.23347	0.294673	1.94674	1.94674	1.23265	7.0482	4.47997	1
cg02828099	SPIS1	0.404031	0.10213	14.3403	14.3403	?	?	?	?	?	?	0.253263	9.37236	9.37236	?	?	?	?	?	?	?	?	?	?	?	?	0.676806	1.67608	1.67608	1.24256	10.6306	6.42726	1
cg13151811	LRP5	0.404031	0.10213	0.614762	-1.62665	0.357218	0.772983	-1.29369	0.938626	0.979276	-1.02116	0.833781	1.05881	1.05881	0.101983	0.61461	-1.62705	0.270345	0.731897	-1.36631	0.267019	1.36954	1.36954	0.564264	0.853423	-1.17175	0.837037	1.05761	1.05761	1.19965	1.40512	1.04113	1
cg27193735	CDK14	0.404032	0.30601	0.54206	-1.54206	0.662598	1.19653	1.19653	0.499741	0.755798	-1.3231	0.684559	1.18166	1.18166	0.420171	1.39995	1.39995	0.932597	1.03518	1.03518	0.132614	1.94097	1.94097	0.0344797	2.71962	2.71962	0.552997	1.27797	1.27797	1.19965	3.17336	2.35132	1
cg27438889	TACC2;TACC2;TACC2;TACC2	0.404035	0.221601	0.6744	-1.4826	0.339315	0.555022	-1.80246	0.744746	0.814398	-1.22842	0.344462	0.932443	0.796585	-1.25536	0.372404	-2.68526	0.380924	0.571582	-1.74955	0.0435533	0.264138	-3.78589	0.415356	0.660781	-1.51407	0.275575	0.518641	-1.92812	1.19963	0.25196	0.6325	1
cg04157072	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.404045	0.46104	0.870737	-1.14845	0.0436132	1.53395	1.53395	0.893811	1.02494	1.02494	0.869135	0.970045	-1.03088	0.562743	1.11397	1.11397	0.220589	1.26812	1.26812	0.338494	0.833619	-1.19959	0.957962	0.990325	-1.00977	0.399806	1.17231	1.17231	1.19962	0.6463642	0.478922	1
cg27393106	ZMYM1	0.404054	0.505969	0.847186	-1.18006	0.479713	1.01518	1.01518	0.928098	1.01496	1.01496	0.962504	1.01265	1.01265	0.643937	0.882947	-1.13257	0.341452	0.769366	-1.29977	0.601907	0.868704	-1.15114	0.0939029	0.527845	-1.89449	0.941946	1.02604	1.02604	1.387444	1.26737	1.25969	0.3931	0.60716	1
cg27532676	CUGBP2;CUGBP2	0.404062	0.639582	1.30327	1.30327	0.02935	2.42627	2.42627	0.0866224	2.89482	2.89482	0.576532	1.37279	1.37279	0.371382	0.67439	-1.67

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs.105T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs.111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1 vs.112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1 vs.121T 213 vs. N)	p-value(147T vs. N)	Fold-Change(1 vs.147T 470 vs. N)	p-value(347T vs. N)	Fold-Change(3 vs.347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(3 vs.353T 537 vs. N)	p-value(527T vs. N)	Fold-Change(5 vs.527T 571 vs. N)	p-value(537T vs. N)	Fold-Change(5 vs.537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 vs.563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg17984537	PON2;PON2		0.404453																									
cg05261702	HMG20B		0.404467		0.592713	0.723716	-1.38176	0.837631	1.33075	0.416071	1.65318	1.65318	0.872481	1.33059	1.33059	0.463677	1.56313	1.56313	0.84002	0.885993	1.12868	0.331513	0.548808	-1.82213	0.0567383	0.63823	0.63823	0.128384	2.67586	1.19869	6.8088	5.04906	1
cg08716217	LOC115110		0.404472		0.15091	2.47319	2.47319	0.612769	1.35017	1.35017	0.960815	0.971512	-1.02932	0.343213	1.77608	1.77608	0.92097	1.06011	1.06011	0.630946	1.3294	1.3294	0.0657424	3.36934	3.36934	0.157794	2.43133	2.43133	0.1040308	2.8452	2.8452	1.19868	6.56942	4.87159	1
cg03766305	LOC492303;ZNF326;ZNF326		0.409548		0.936408	-1.06785	2.218361	0.803117	-1.24506	0.893264	0.977279	-1.02325	0.277705	0.926047	-1.22058	0.634539	1.08441	1.08441	0.426275	0.87151	-1.14743	0.981747	1.00388	1.00388	0.50557	1.12316	1.12316	0.0564289	1.44147	1.44147	1.19867	0.54408	0.403471	1
cg03006175	AHNAK2		0.404485		0.253711	0.391868	-2.55188	0.806199	0.824327	-1.21311	0.613993	0.6070	-1.49143	0.533229	1.64214	1.64214	0.104805	0.248266	-4.02794	0.209603	0.353695	-2.82729	0.600627	1.5146	1.5146	0.81714	1.19896	1.19896	0.0918495	0.23255	-4.30015	1.19865	11.7269	8.69637	1
cg01905698	ATE1;ATE1		0.404499		0.905711	1.02245	1.02245	0.244801	1.25941	1.25941	0.947861	1.53459	1.53459	0.756765	1.06059	1.06059	0.874082	0.970416	-1.03049	0.475041	0.871496	-1.14745	0.795422	0.951992	-1.05043	0.534132	0.887608	-1.12662	0.172464	1.31647	1.31647	1.19863	0.680653	0.504748	1
cg15360774	FRYL; ATP5L;ATP5SL;ATP5SL;ATP5SL;ATP5SL;		0.404501		0.62852	0.926697	-1.0791	0.919996	0.984435	-1.01581	0.309461	1.1785	1.1785	0.808398	1.03867	1.03867	0.327086	1.17114	1.17114	0.380736	1.15073	1.15073	0.0260007	1.51074	1.51074	0.633068	0.927645	-1.078	0.841159	1.03183	1.03183	1.19862	0.462891	0.343278	1
cg17890520	ATP5SL;ATP5SL		0.404504		0.878668	0.985497	-1.01472	0.537529	0.942043	-1.06152	0.116161	1.17738	1.17738	0.638967	1.04623	1.04623	0.160675	1.15408	1.15408	0.0702108	1.21357	1.21357	0.810624	1.02322	1.02322	0.70266	0.963985	-1.03736	0.37783	1.09039	1.09039	1.19861	0.173662	0.128756	1
cg16952090	KIAA1377;ANGPTL5		0.404505		0.965589	0.993372	-1.00667	0.240075	0.827274	-1.20879	0.247098	0.829809	-1.2051	0.744494	0.950838	-1.0517	0.539493	1.1005	1.1005	0.864673	1.02664	1.02664	0.0275718	0.669214	-1.49429	0.651867	0.932383	-1.07252	0.930172	1.0136	1.0136	1.19861	0.451102	0.334538	1
cg14539737	LIMK1;LIMK1		0.404506		0.573534	0.70938	-1.41005	0.31118	0.31118	-3.21396	0.518184	0.59205	-1.68933	0.224228	1.10473	1.10473	0.675526	1.10473	1.10473	0.162867	1.07383	1.07383	0.0973863	1.13551	1.13551	0.714143	0.735778	-1.35934	0.234	1.28267	1.28267	1.19861	0.537091	0.398308	1
cg01523536	LCK		0.404509		0.283004	0.581193	-1.92978	0.0851269	0.525674	-1.90256	0.370056	0.0436307	0.254854	-3.92381	0.596986	0.693557	-1.44184	0.717909	0.807509	-1.23818	0.462719	0.643681	-1.55356	0.640329	0.853008	-1.17632	0.543149	1.43724	1.43724	1.1986	6.59314	4.88951	1
cg26809423	ICA1;ICA1;ICA1		0.404514		0.263739	0.533044	-1.87954	0.0499796	0.267983	-3.95605	0.163748	0.0490436	0.253699	0.799482	0.866764	-1.15097	0.624754	0.765653	-1.30606	0.36283	0.602349	-1.65962	0.518907	0.703741	-1.42503	0.323344	1.71763	1.71763	0.928504	1.04981	1.04981	1.19859	5.56936	4.13031	1
cg03353863	ZNF616		0.404517		0.927401	1.00722	1.00722	0.393413	0.933353	-1.07141	0.913166	1.07685	1.07685	0.247271	0.908968	-1.10015	0.598919	0.958991	-1.04276	0.597129	0.958791	-1.04298	0.0704589	1.17294	1.17294	0.617218	1.04056	1.04056	0.286823	1.09118	1.09118	1.19858	0.118164	0.0876322	1
cg13411951	PRUNE2		0.404521		0.948897	0.9557	-1.04635	0.117369	0.32802	-3.12802	0.970658	0.395551	3.95551	0.391906	1.8591	1.8591	0.694313	1.32211	1.32211	0.264049	0.493111	-2.27733	0.564134	0.662214	-1.51009	0.597307	1.45773	1.45773	0.718052	0.773889	-1.29217	1.19857	9.4867	7.03555	1
cg03820779	KCNQ1;KCNQ1		0.404525		0.885935	0.945178	-1.0625	0.262329	0.625911	-1.59767	0.537346	0.790503	1.26946	0.787705	1.13452	1.13452	0.0755831	-1.29946	0.947679	1.0134	0.877035	1.1837	-1.13725	0.145365	1.56263	1.56263	0.108787	2.08247	2.08247	0.169819	1.84645	1.84645	1.19856	3.3381	2.47623	1
cg21745256	CHRAC1;CHRAC1		0.404527		?	?	?	0.178274	2.40223	2.40223	0.0696573	3.46678	3.46678	0.566128	0.700901	-1.42673	0.88414	1.09579	1.09579	0.358533	1.78341	1.78341	0.638332	0.748191	-1.33656	0.392003	0.584286	-1.71149	0.880654	0.912051	-1.09643	1.0929	6.30545	5.2858	1
cg13668167	ELF4;ELF4		0.404529		0.0875867	0.287472	-3.4786	0.609774	0.405073	1.40537	0.791304	0.891851	-1.15163	0.957449	1.02051	1.02051	0.0943836	0.537209	1.86102	0.701787	0.775427	-1.28961	0.299208	0.491011	-2.03661	0.437251	0.592318	-1.68857	0.478674	0.621179	-1.60984	1.19856	8.2959	6.15252	1
cg22507869	RYBP		0.404531		0.0842511	0.562949	-1.77636	0.0527774	0.107798	3.10798	0.38074	0.263023	-1.31058	0.167322	0.642249	-1.55703	0.0933202	0.737924	-1.74239	0.741066	1.10489	1.10489	0.599108	1.173	1.173	0.991975	1.00303	1.00303	0.80869	1.07512	1.0752	1.19855	1.71761	1.27384	1
cg12991127	CEP72		0.404532		0.13155	1.40499	1.40499	0.0546969	0.634322	-1.57649	0.505443	0.868366	-1.15159	0.621732	1.10947	1.10947	0.563165	0.885069	-1.12986	0.803421	0.949238	-1.05348	0.91935	0.979068	-1.02138	0.431405	1.18262	1.18262	1.09019	0.997435	-1.00257	1.19855	0.828158	0.614193	1
cg15439737	SAC3		0.404537		0.836484	1.09085	1.09085	0.674263	0.978738	-1.2195	0.0810012	0.634222	-1.57674	0.88581	1.05795?	-1.04349	0.0877907	1.38531	1.38531	0.520218	1.16935	1.16935	0.857702	0.957799	-1.04406	0.583772	0.875482	-1.14223	0.132605	0.675542	-1.48029	1.19854	1.09353	0.811009	1
cg26034811	ADSSL1;ADSSL1		0.404537		0.674821	1.22283	1.22283	0.180999	0.508081	-1.96819	0.589928	1.29265	1.29265	0.158344	2.05231	2.05231	0.224083	0.543946	-1.83842	0.480474	0.712454	-1.4036	0.633772	1.25713	1.25713	0.212333	1.87066	1.87066	0.607599	0.781189	-1.2801	1.19854	4.31464	3.19993	1
cg05454651	CCDC33		0.404539		0.223303	0.583738	-1.7131	0.179024	0.529732	-1.88775	0.343145	0.693719	-1.44206	0.583734	0.992575	-1.00757	0.538374	0.857025	-1.16662	0.907738	1.10178	0.363807	0.747947	1.33647	0.0909722	0.623687	1.60357	0.0624104	0.742312	1.34755	0.242981	1.19853	3.9455	2.47981	1
cg01177941	ALDH1A3		0.404542		0.160257	2.921	2.921	0.638493	1.4023	1.4023	0.280766	2.22791	2.22791	0.878518	0.896471	-1.11548	0.83288	0.859864	1.16297	0.220753	2.50888	2.50888	0.949333	0.955608	-1.04645	0.136754	0.14361	3.14361	0.0640634	0.42364	4.42364	1.19853	0.69114	0.718745	1
cg07163173	ETAA1		0.404545		0.181164	0.802325	-1.24638	0.193491	0.806896	-1.23932	0.590322	1.08845	1.08845	0.669045	0.935144	-1.06935	0.805507	0.962261	-1.03922	0.492692	1.11477	1.11477	0.553865	0.910849	-1.09788	0.804874	0.962157	-1.03935	0.0774183	1.35813	1.35813	1.19849	0.461559	0.342327	1
cg13968233	DENND1B;DENND1B		0.404545		0.0579866	0.3193	3.13102	0.0942604	0.100114	10.0114	0.0514283	0.12373	8.12373	0.0738545	0.334821	2.98759	0.0732252	0.0776326	12.8801	0.221692	2.98778	2.98778	0.342262	0.302097	3.30997	0.355669	2.81166	2.81166	0.0412095	0.21095	4.74097	0.264379	1.19848	17.7429	13.1632	1
cg17299921	MRGPRF;MRGPRF		0.404561		0.999172	1.00049	1.00049	0.0241838	1.55866	1.55866	0.432076	1.46036	1.46036	0.734583	0.851531	-1.17435	0.549036	0.750997	-1.33156	0.92782	0.95811	-1.04372	0.256894	1.7487	1.7487	0.604186	1.28017	1.28017	0.928781	0.958658	-1.04313	1.19848	4.23998	3.14024	1
cg03105756	C16orf5		0.404563		0.974713	1.00964	1.00964	0.224008	1.26316	1.26316	0.538107	1.28856	1.28856	0.518423	1.20422	1.20422	0.910239	1.03254	1.03254	0.480156	1.12596	1.12596	0.608294	0.982141	0.993667	-1.00637	0.344046	1.29048	1.29048	0.0937364	1.15923	1.1342	1.19848	1.52923	1.1342	1
cg22443258	KIAA1530		0.404566		0.675317	1.07702	1.07702	0.506864	1.12593	1.12593	0.0342516	0.647207	-1.5451	0.360609	0.847436	-1.18003	0.167202	0.771552	1.29609	0.74662	2.05876	1.05876	0.787538	0.953534	-1.04873	0.893238	0.976626	-1.02393	0.93297	0.985292	1.01493	1.19847	0.588873	0.436757	1
cg11166708	AGPAT3		0.404569		0.50932	0.862848	-1.15895	0.0753948	0.576473	-1.73469	0.790635	0.928635	-1.07685	0.937595	1.02203	1.02203	0.500584	0.826758	-1.20954	0.0621004	1.79402	1.79402	0.807033	0.934172	-1.07047	0.921292	1.02788	1.02788	0.837961	0.944614	-1.05863	1.19847	1.46966	1.09003	1
cg10529757	RNF215		0.404577		0.149999	0.675216	-1.48034	0.147873	0.672187	-1.48772	0.712712	0.830094	-1.20482	0.555421	1.18024	1.18024	0.0836026	0.615265	1.62542	0.23266	0.732049	-1.36596	0.41	0.515301	1.94067	0.0511	0.579973	1.72406	0.0511	0.862605	-1.15916	0.731249	0.912118	-1.09635	1.19846	0.874348	1.09353	0.811009	1
cg07164161	KCNG2		0.404572		0.541792	1.58508	1.58508	0.292662	1.17477	1.17477	0.893074	1.10551	1.10551	0.716383	1.31275	1.31275	0.921938	1.07584	1.07584	0.325513	2.14298	2.14298	0.109091	0.2726511	-3.66823	0.117507	3.5537	3.5537	0.146056	0.20234	3.20234	1.19846	10.5586	7.83123	1
cg05152760	PACSN2		0.404573		0.0355193	0.455369	-2.19585	0.0441544	0.341283	-2.93005	0.144725	0.24975	-4.0051	0.0425311	0.2371	0.2371	0.0255813	0.197	5.07481	0.181666	0.276734	-3.61387	0.0744	0.130707	7.69514	0.0102	0.0973	10.2775	0.0102	0.0156	-64.1026	1.19846	0.0238	0.0135	1
cg04071104	CHDH		0.404579		0.827457	1.17126	1.17126	0.897399	1.09793	1.09793	0.586558	1.48833	1.48833	0.180434	2.80102	2.80102	0.156224	2.99942	2.99942	0.798493	0.830888	-1.20353	0.435121	0.561779	-1.78006	0.116503	0.3487	0.3487	0.113579	3.47919	3.47919	1.19844	0.95366	0.738265	1
cg26775914	DHX34		0.404582		0.468942	0.903792	-1.10645	0.570104	0.108198	1.08198	0.59815	1.07575	1.07575	0.353043	0.877049	-1.14019	0.422777	1.11911	1.11911	0.270216	0.854181	-1.17071	0.0410333	0.724693	-1.38223	0.856631	1.02514	1.02514	0.716809	0.951219	-1.05128	1.19844	0.357746	0.265342	1
cg02526723	FIS1		0.404583		0.154758	0.691552	1.44599	0.0753746	0.151927	2.00367	0.0487	0.324817	3.08074	0.0642182	0.808379	-1.23704	0.197241	0.592329	1.68824	0.174837	0.51899	1.92643	0.0917984	0.696335	-1.00467	0.0537905	0.87063	1.14849	0.0994329	1.00621	0.66256	0.819543	1.22019	0.81484	1.89876	2.89177	1
cg18582965	GPC1		0.404589		0.105364	2.41533	2.41533	1.29424	2.26273	2.26273	0.091772	2.52249	2.52249	0.87521	1.06654	1.06654	0.83478	0.901139	-1.10971	0.639771	0.790622	-1.26483	0.849209	1.09951	1.09951	0.497649	1.4094	1.4094	0.521474	0.723354	-1.38245	1.19842	4.71483	3.49706	1
cg20667480	TBC1D16		0.404597		0.925777	0.988986	-1.06396	0.334373	0.0858	-11.6569	0.0838	0.0931	-10.7411	0.0839306	-2.44316	0.356447	0.340301	0.49336	-2.02755	0.301834	0.80138	-1.24813	0.545641	0.98834	1.01138	0.98	1.01138	0.98	1.02021	0.98	1.01138	0.98	1.02021	0.98	1.19842	0.40229	0.2322	1
cg18164643	STAC2		0.404599		?	?	?	0.629325	0.785109	-1.27371	0.602317	1.29889	1.29889	?	?	?	0.584594	0.760062	-1.31568	?	?	?	0.512564	0.71866	-1.39148	0.0829265	0.59886	2.59886	1.16033	2.52621	3.48344	1
cg16018211	ZNF350		0.404605		0.342394	0.567831	-1.76197	0.3986117	1.64866	1.64866	0.0734068	3.17366	3.17366	0.203169	0.459714	-2.17536	0.811756	0.871072	-1.14801	0.648273	1.30435	1.30435	0.859861	0.902215	-1.10838	0.946511	1.75214	1.75214	0.411926	1.62476	1.62476	1.19839	6.35254	4.71191	1
cg13543683	GABBR2		0.404606		0.8142644	1.07148	1.07148	0.298043	1.51718	1.51718	0.128448	1.18749	1.18749	0.727876	1.30793	1.30793	0.0638407	1.41442	1.41442	0.303734	1.10138	1.10138	0.545641	0.98834	1.01138	0.98	1.01138	0.98	1.02021	0.98	1.01138	0.98	1.02021	0.98	1.19837	0.0776085	0.0799068	1
cg01083280	RNF180;RNF182;RNF182;RNF182;RNF1		0.404608		0.656571	0.937114	-1.06711	0.384051	0.878503	-1.1383	0.888948	0.979927	-1.02048	0.819383	1.03375	1.03375	0.314	1.15655	1.15655	0.746525	0.954022	-1.04819	0.945753	0.713725	-1.39429	0.456895	0.893868	-1.11624	0.249803	1.19071	1.19071	1.19838	0.399781	0.296534	1
cg26396492	RIN2		0.404609		0.246251	0.425533	-2.34999	0.104466	0.28636	-3.49211	0.051031	0.208894	-4.78712	0.629278	0.709819	-1.40881	0.937633	1.05669	1.05669	0.716183	1.2934	1.2934	0.808087	1.18704	1.18704	0.597933	1.45498	1.45498	0.683257	0.748969	-1.33517	1.19838	9.42305	6.98948	1
cg20800312	PDGK		0.404615		0.249804	1.49599	1.49599	0.0148405	0.564239	-1.77148	0.0416317	0.0683	-14.6417	0.0683	1.22004	1.22004	0.66883	0.862306	1.15966	0.0938333	1.85126	1.85126	0.0178384	0.540154	0.667281	1.49941	0.0172	0.567381	1.76255	0.0172	0.0466	-21.4592	1.19838	0.0453	0.0178	1
cg22200744	MYT1L		0.404618		0.820976	0.846068	-1.18194	0.2256141	0.706803	0.706803	0.465081	0.7303	0.7303	0.674538	0.976737	-1.02382	0.336424	0.207707	2.07707	0.243865	2.45771	2.45771	0.30339	0.294599	3.39453	0.153645	0.62989	1.58795	0.823764	0.849933	1.17656	1.19836	10.3228	7.65599	1
cg12183594	ZNF425		0.40462		0.515276	0.75661	-1.32168	0.135364	1.97472	1.97472	0.771537	0.884192	-1.13098	0.14544	0.516415	-1.93643	0.407831	0.699132	-1.43034	0.62614	0.812575	-1.23066	0.441935	1.39299	1.39299	0.365676	1.48128	1.48128	0.276547	0.619743	-1.61357	1.19836	3.39178	2.51587	1
cg04000232	POGK		0.404623		0.401652	1.24984	1.24984	0.0165445	0.524233	-1.90753	0.0284	0.134535	-7.43255	0.0284	1.37435	1.37435	0.12441	1.74565	1.74565	0.0312287	-1.07378	0.794582	0.931229	-1.07378	0.742987	1.34592	0.209181	1.41045	1.41045	0.253723	1.36268	1.36268	1.19835	1.28107	0.950253	1
cg02032552	CCDC25		0.404624		0.743671	1.10909	1.10909	0.958124	1.01671	1.01671	0.964735	0.986146	-1.01405	0.512624	1.23348	1.23348	0.510999	0.810287	-1.23413	0.827958	0.933629	-1.07109	0.102624	0.56655	-1.76507	0.0416726	0.476657	-2.09794	0.447765	0.78338	-1.27652	1.19835	1.88971	1.40172	1
cg16148808	B4GALNT4		0.404624		0.618375	0.840924	-1.19004	0.115444	0.868696	0.964407	-1.03665	0.317938	0.798662	-1.25178	0.305506	1.25963	1.25963	0.471663	1.17266	1.17266	0.0899643	1.50166	1.50166	0.124208	1.4364	1.4364	0.593036	0.806269	-1.12452	0.328741	0.65436	0.965582	0.0892697	0.666238	1
cg18566278	BICD2;BICD2		0.404628		0.512757	0.826934	-1.20929	0.0911466	0.70345	0.70345	0.317864	0.665787	-1.50198	0.591049	0.85618	-1.16798	0.568731	0.847984	-1.17927	0.384115	0.71143	-1.40552	0.173249	0.229079	4.36911	0.0172309	0.23979	4.17135	0.0172309	0.808654	-1.23662	0.327942	0.748676	-1.33569	1.19834	1.55526	0.615965	1
cg05075517	SNTG1		0.404631		0.587153	0.72438	-1.38049	0.67595	0.780951	-1.28049	0.149724	0.248023	-4.03173	0.248023	0.234105	-4.27158	0.574047	0.5021	-1.99203	0.311188	0.787768	0.491439	0.50834	0.488548	0.661106	-1.51262	0.397195	0.603568	-1.65509	1.19833	6.56506	4.86978	1
cg23158475	SGK3		0.404633		0.517679	0.729335	-1.37099	0.0751226	0.319327	0.0067	-14.9287	0.023803	-42.0187	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067	0.545108	0.847996	-1.17911	0.449199	0.2834	0.2834	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067	1.19832	0.0067	0.0067	1
cg10923561	ST18		0.404638		0.487669	0.554732	-1.80267	0.0403236	0.138137	-7.23919	0.108804	0.231855	-4.31305	0.696784	1.38716	1.38716	0.623417	0.661271	-1.51224	0.990077	1.01045	1.01045	0.890584	0.891341	-1.1219	0.452947	1.89452	1.89452	0.942929	0.941921	-1.06166	1.19832	13.2551	9.83238	1
cg23186660	PLOD1		0.404639		0.0747129	0.599064	-1.66927	0.752748	0.821843	-1.21748	0.184772	0.12258	8.12258	0.272979	0.745426	-1.34152	0.222796	0.732158	-1.3654	0.852344	0.953151	-1.04915	0.498285	0.837891	-1.19347	0.212095	1.40291	1.40291	0.999119	1.00022	1.0022	1.19832	1.42583	0.933557	1
cg17280740	PAX6		0.404644		0.820637	0.903905	-1.10631	0.834174	0.09212	1.09212	0.59287	0.574874	-1.74094	0.422675	0.694644	-1.43959	0.711732	1.17955	1.17955	0.305882	1.62064	1.62064	0.0495435	2.70985	2.70985	0.279129	1.64972	1.64972	0.141687	0.600999	-1.44718	1.1983	1.75637	2.78644	1
cg06169200	FANCF;FANCF		0.404666		0.285421	1.15545	1.15545	0.977369	1.0037	1.0037	0.407385	0.895505	-1.11669	0.350041	1.13345	1.13345	0.242717	1.17258	1.17258	0.0592932	0.757844	-1.31953	0.828529	0.972148	-1.02865	0.776544	0.963621	-1.03775	0.754037	0.959894	-1.04178	1.19825	0.321847	0.238753	1
cg01009787	OVOL1		0.404667		0.527382	0.749913	1.33349	0.0493	0.0493	20.2843	0.0493	0.077834	12.8519	0.0493	0.0493	20.2843	0.0493	0.0493	20.2843	0.0493	0.0493	20.2843	0.0493	0.0493	20.2843	0.0493	0.0493	20.2843	0.0493	0.0493	20.2843	0.0493	0.0493	20.2843	1.19825	0.0493	0.0493	1
cg09386050	HEATR2		0.404678		0.790381	0.849737	-1.17684	0.181866	0.37762	0.37762	0.627132	1.34877	1.34877	0.773605	0.838382	-1.19277	0.63644	0.27959	-3.57667	0.309786	0.526041	-1.90099	0.681405	0.777013	-1.28698	0.750631	1.21515	1.21515	0.237652	0.469512	-2.12987	1.19823	0.708891	0.525881	1
cg15862405	SLC16A3;SLC16A3;SLC16A3		0.404679		0.863706	0.944993	-1.05903	0.766781	0.824857	0.964592	-1.03665	0.317938	0.798662	-1.25178	0.305506	1.25963	1.25963	0.471663	1.17266	1.17266	0.0899643	1.50166	1.50166	0.124208	1.4364	1.4364	0.593036	0.806269	-1.12452	0.328741	0.65436	0.965582	0.0892697	0.666238	1.19823	1.55526	0.615965	1
cg12470092	CLDN14;CLDN14		0.40468		0.485804	0.720645	-1.38765	0.0327875	0.314988	-3.17472	0.378608	0.658458	-1.5187	0.650377	1.23499	1.23499	0.563815	0.763438	1.30986	0.735322	1.16994	1.16994	0.520624	1.35149	1.35149	0.504648	1.36776	1.36776	0.617238	1.26248	1.26248	1.19822	4.06065	3.01235	1
cg04795700	MCF2L;MCF2L		0.404694		0.767548	1.18501	1.18501	0.237372	2.03172	2.03172	0.1839	2.24187	2.24187	0.594147	0.734922	-1.36069	0.493578	0.671553	-1.48909	0.364754	1.07462	1.07462	0.116688	2.63781	2.63781	0.122608	2.60669	2.60669	0.814994	0.874388	-1.14366	1.19819	6.22354	4.61699	1
cg26360695	KCNK5		0.404697		0.0968405	0.576944	-1.73344	0.0424213	0.183398	-5.45224	0.0422	0.0422	-23.6983	0.0422	1.49466	1.49466	0.0422	0.0422	-23.6983	0.0422	0.0422	-23.6983	0.0422	0.0422	-23.6983	0.0422	0.0422	-23.6983	0.0422	0.0422	-23.6983	0.0422	0.0422	-23.6983	0.0422	1.19816	0.0422	0.0422	1
cg10216498	TH1L		0.404703		0.198624	0.697379	-1.43394	0.976914	0.992352	-1.00771	0.773443	1.07959	1.07959	0.434563	1.23558	1.23558	0.507212	1.19544	1.19544	0.0952816	1.62625	1.62625	0.151462	0.665125	-1.50348	0.59972	0.868924	-1.15085	0.741392	1.09184	1.09184	1.19817	1.33582	0.991007	1
cg26944052	EPHB4		0.404704		0.909164	0.976993	-1.02346	0.0318815	0.272835	-3.66522	0.0917375	0.844535	-1.17711	0.944676	0.979598	-1.02107	0.0997	1.09125	1.09125	0.0943224	1.60013	1.60013	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg23806727	MGAT5	0.405062	0.225753	2.16078	2.16078	1.00604831	3.60408	1.60408	0.2461991	2.08165	0.1828321	2.17255	0.1702526	1.86201	0.2855995	1.92881	0.1928381	1.167313	2.4399	2.4399	0.1523267	2.53075	0.1763981	2.3849	1.19738	6.95632	5.16409	1
cg13120798	PAK4,PAK4	0.405066	0.694816	1.14648	1.14648	1.3401932	1.40605	1.40605	0.8176488	1.08336	1.0189728	1.79547	1.795457	0.8874016	0.5199119	-1.92338	0.8635571	0.942117	-1.06144	0.6571656	0.8565226	-1.16875	0.6871881	1.15032	1.15032	0.2488542	1.5192	1.5192	1.19737	2.27936	1.69212	1
cg25028523	AP5;AP5;AP5;AP5;AP5	0.405069	?	?	?	0.592205	1.29902	1.29902	0.0594701	2.79909	2.79909	0.892988	0.936953	-1.06729	0.5163321	1.37493	1.37493		0.947675	1.03226	1.03226	0.214935	1.88065	1.88065	0.210732	0.528312	-1.89282	0.8700111	1.08247	1.08247	1.19168	3.92748	3.29574	1
cg24463605	HES3	0.405073	0.211432	0.4117454	-2.42869	0.0997096	0.294153	-3.39959	0.044106	0.1994469	-5.01331	0.7717151	0.8231667	-1.21482	0.311555	0.4947727	-2.02114	0.408331	0.5666986	-1.76357	0.63306	0.72472	-1.37984	0.9308822	1.05979	0.9140229	0.951094	-1.05142	1.22119	8.46464	5.39115	1
cg22672187	PLEKHH2	0.40508	0.148848	0.3834472	-2.60775	0.931661	0.948065	-1.05478	0.9606941	0.930162	-1.07508	0.6605594	0.724352	-1.38054	0.3141432	0.216438	-4.62027	0.973707	1.02061	1.02061	0.205532	0.437439	-2.28603	0.6479445	0.32925	1.32925	0.474417	0.637399	-1.56888	1.19734	7.26793	5.3956	1
cg11782515	KDM4B	0.405084	0.8909916	1.09258	1.09258	0.1953442	2.4199	2.4199	0.6906146	1.29507	1.29507	0.8041482	1.17385	1.17385	0.0457571	2.22813	0.1683463	2.09208	0.4183103	0.586316	-1.70557	0.3119308	0.509154	-1.96404	0.8127747	1.16546	1.16546	0.6721287	0.759237	-1.31711	1.19733	7.89517	5.86129	1
cg23178186	TOLLIP	0.405085	0.636217	1.42967	1.42967	0.0520125	5.25081	5.25081	0.0808028	4.27418	4.27418	0.85785	1.14397	1.14397	0.806158	0.8315368	-1.20255	0.3521	2.05112	2.05112	0.615488	0.68392	-1.46216	0.3948869	1.92272	1.92272	0.861266	0.8770115	-1.14023	1.19733	10.6727	7.92328	1
cg12730424	BTBD7;BTBD7;KIAA1409	0.405085	0.801027	1.20125	1.20125	0.249972	0.854446	-1.17047	0.463919	0.582067	-1.71817	0.8495222	0.867539	-1.15269	0.042784	0.318953	-5.41617	0.843101	0.865988	-1.15475	0.705079	1.31795	1.31795	0.387963	2.22778	2.22778	0.229317	2.49982	2.49982	1.19733	9.99678	7.42315	1
cg07429629	MR4;R4	0.405101	0.79648	0.8082577	-1.23723	0.2424022	1.7391	2.7393	0.0805078	0.493669	0.936976	1.06573	0.244677	1.36095	0.2743865	-3.72483	0.2264313	2.8467	2.8467	0.866141	1.14874	1.14874	0.72208	1.342	1.342	0.353793	0.455758	2.19415	1.1973	12.8645	9.55073	1
cg05427381	AHNAK;AHNAK	0.405106	0.174407	1.70328	1.70328	0.489231	0.771858	-1.29558	0.727798	0.879147	-1.13747	0.657661	0.848403	-1.17869	0.6909302	0.86301	-1.15874	0.450078	0.752995	-1.32803	0.175096	1.70165	1.70165	0.135415	1.80982	1.80982	0.1737341	0.714212	-1.40014	1.19729	2.57661	1.91203	1
cg19640130	RTKN2	0.405107	0.29696	2.16289	2.16289	0.34331	0.1999	2.6119	0.0130793	3.6370663	-1.62058	0.4795558	0.3913	1.39119	0.1999	0.5762207	1.86162	1.86162	0.84427	1.09556	1.09556	0.5606494	1.74176	1.74176	0.1844601	0.9354	-1.06936	0.4079771	1.47635	1.19729	4.00116	2.97055	1
cg17517900	NEGR1	0.405115	0.26899	0.879229	-1.13736	0.41794	0.911611	-1.09696	0.637963	1.05442	1.05442	0.916557	1.01179	1.01179	0.0442046	0.772257	-1.29491	0.478761	0.922648	-1.08384	0.188892	0.855882	-1.16839	0.516991	0.920173	-1.07623	0.1699795	0.849172	-1.17762	1.19727	0.2370022	0.1759572	1
cg06470424	CSNK1G2	0.405118	0.928865	0.9575564	-1.04453	0.3002048	0.592248	-1.68848	0.1658853	2.05672	2.05672	0.360663	0.581811	1.34576	0.1658853	2.03196	-1.15998	0.362417	0.633304	-1.57902	0.113882	0.452213	-2.21135	0.55091	1.32341	1.32341	0.6624887	1.23902	1.23902	1.19726	4.51531	3.35233	1
cg19635132	KDAP1;2	0.405124	0.368004	0.3622335	-2.76064	0.239059	2.9599	2.9599	0.4461705	1.98159	1.98159	0.559682	0.436554	-2.29067	0.0625793	0.158124	-6.32414	0.370535	0.445175	-2.24631	0.760601	0.734174	-1.3086	0.539353	0.578729	-1.72792	0.755394	0.759543	-1.31658	1.19725	14.6873	10.9045	1
cg13555063	PTPN12;PTPN12;PTPRN2	0.405131	0.71062	1.08824	1.08824	0.143119	1.429115	1.42915	0.323384	0.7933387	-1.26042	0.299673	0.783574	-1.2762	0.1884366	1.04439	1.04439	0.43404	1.19857	1.19857	0.243424	1.33911	0.40199	0.823138	-1.21486	0.256933	0.764538	-1.30798	1.19723	0.9763606	0.7284862	1
cg10092516	FMN2	0.405138	0.638108	1.1956	1.1956	0.4405556	0.765967	-1.30554	0.178552	0.58336	-1.71421	0.621038	0.39674	1.20674	0.2736485	0.650807	-1.53655	0.943085	0.973435	-1.02729	0.178961	1.71319	1.71319	0.124459	1.87247	1.87247	0.92672	0.960506	-1.0353	1.19722	2.20623	2.00185	1
cg18686576	TMEM14C;TMEM14C	0.40514	0.369874	0.414439	-2.4129	0.847232	1.2026	1.2026	0.472328	2.0122	2.0122	0.318423	0.372939	-2.6814	0.0554644	7.97451	7.97451	0.192358	0.267178	-3.74282	0.950051	1.06175	1.06175	0.924671	0.913512	-1.09468	0.970404	1.03612	1.03612	1.19721	17.3477	12.8801	1
cg21848532	GNPAT;C1orf131	0.405145	0.864898	1.04134	1.04134	0.2487404	1.101	1.101	0.8089863	0.944012	-1.05931	0.954249	0.913794	1.09434	0.1013	1.01374	0.330996	0.7876068	-1.26967	0.078827	1.00783	1.00783	0.360801	0.7604661	-1.31498	0.131319	1.50967	0.0804604	1.586	1.586	1.19721	1.0729	0.796599	1
cg20760280	RAP1GAP;RAP1GAP	0.405149	0.256309	2.03227	-1.00057	0.3406452	2.48587	2.48587	0.4410617	2.18206	2.18206	0.441491	0.482955	-2.07059	0.5736	1.88251	-1.88732	0.274271	0.948235	0.529851	-1.88732	0.2744271	0.948235	0.529851	-1.88732	0.2744271	0.948235	0.529851	-1.88732	1.19716	16.3056	12.1065	1
cg20538507	C14orf34;C14orf34	0.405154	0.645608	1.61051	1.61051	0.0443229	10.7749	10.7749	0.0435458	10.8974	10.8974	0.671564	1.55103	1.55103	0.952648	1.06302	1.06302	0.86935	1.18461	1.18461	0.833182	1.24242	1.24242	0.88848	1.15334	1.15334	0.949202	1.06777	1.06777	1.19718	20.082	14.9106	1
cg03931389	PRDM16;PRDM16	0.405162	0.307961	0.665795	-1.50196	0.3715106	0.29039	-3.4242	0.1532579	0.553808	-1.80569	0.222069	0.1481	-6.7491	0.0035003	0.548163	-1.82393	0.583345	1.23803	1.23803	0.613776	0.821875	-1.21673	0.8738707	0.969572	-1.06318	0.935393	1.03174	-1.03174	1.19716	2.89172	2.09176	1
cg12233379	LOC100132111;C2CD4D	0.405165	0.36336	0.594986	-1.68071	0.6651511	0.316373	-3.16083	0.0820507	0.342719	-2.91784	0.400902	0.619557	-1.61406	0.288007	0.5416655	-1.84616	0.382134	0.607637	-1.64572	0.164928	0.4643274	-2.25594	0.188926	0.463357	-2.16752	0.716585	0.816577	-1.22462	1.19716	1.37584	1.19699	1
cg27269380	RBM33	0.405174	0.6923303	1.05252	1.05252	0.7042124	0.609496	-1.64101	0.1648183	1.6496	1.6496	0.6552	0.832214	-1.20178	0.1328	1.13878	0.6401312	0.748636	1.33676	1.33676	0.2733	0.7484636	1.33676	1.33676	0.2733	0.7484636	1.33676	1.33676	0.2733	0.7484

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Other)	Fold-Change(1217 vs. Other)	p-value(3477 vs. N)	p-value(3477 vs. Other)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg12343182	RIMS4	0.405781	0.352215	1.490932	0.149092	1.223442	0.590165	-1.69444	0.08805502	0.4559969	2.193313	0.763848	0.133994	1.133994	0.223635	0.586612	-1.70407	0.2231187	0.592174	-1.68869	0.675417	0.838881	-1.19206	0.763948	1.134611	1.134611	0.564091	1.27541	1.1958	3.29627	2.45025	1
cg24256776	INTS1	0.405782	0.130994	3.021832	-3.10721	0.105537	0.292461	-3.41926	0.9115172	0.928598	-1.07689	0.5124731	1.58702	1.58702	0.986432	0.988247	-1.01189	0.5432288	1.533383	1.533383	0.09285	0.2764837	-3.6168	0.936179	1.057726	1.057726	0.859422	2.884037	-1.13117	1.1958	9.15488	6.8052	1
cg21932394	CHRNA7	0.405783	0.26624	0.816976	-1.22403	0.82728	1.038387	1.038387	0.5789551	1.10276	1.10276	0.336374	0.84116	-1.18883	0.5118313	1.12248	1.12248	0.7172733	1.065511	1.065511	0.0996418	0.6602221	-1.51464	0.4688888	0.879333	-1.13723	0.6914411	1.0721	1.0721	1.1958	0.5767014	0.4286686	1
cg18364820	C9orf38	0.405784	0.352476	0.83124	-1.20312	0.281245	0.805454	-1.24154	0.04057796	1.57905	1.57905	0.44351	0.859911	-1.16291	0.995631	0.00105	1.00105	0.8436605	1.03888	1.03888	0.79706	1.05104	1.05104	1.05104	0.596607	1.108681	1.108681	0.527934	1.131449	1.131449	0.19579	0.70676	0.5293924	1
cg08841257	MSRA;MSRA;MSRA	0.405797	0.163042	0.626043	-1.59733	0.438245	1.28236	1.28236	0.788413	1.08829	1.08829	0.687926	0.880728	-1.13542	0.27609	0.70022	-1.42812	0.421327	1.29484	1.29484	0.34754	0.633368	-1.63034	0.349145	0.738479	-1.35413	0.310959	1.39061	1.39061	1.95577	1.87371	1.39284	1
cg11603759	PHOX2A	0.405798	0.590307	0.765936	-1.30559	0.956353	1.027889	1.027889	0.422118	1.51003	1.51003	0.0353764	3.432	3.432	0.786169	0.872326	-1.14645	0.8679728	0.919756	-1.08724	0.733517	1.18738	1.18738	1.18738	0.211059	1.939168	1.939168	0.345943	1.99577	1.99577	4.7838	3.5561	1
cg13159071	AKR1B1	0.405803	0.189182	0.459835	-2.17469	0.0327649	0.247804	-4.03545	0.5509091	0.713894	-1.40077	0.840086	0.893288	-1.11946	0.211337	0.47927	-2.08651	0.6595008	0.780634	-1.28101	0.152189	0.4245558	-2.35539	0.451091	0.651248	-1.53551	0.914926	0.942061	-1.0615	1.95576	5.90805	4.39186	1
cg12754495	P2RY12;MED12L	0.405804	0.446165	0.502127	-1.99015	0.835579	0.147087	-6.79869	0.2008667	0.200867	-4.97042	0.61067	0.631122	-1.57947	0.854638	0.849369	-1.17755	0.322202	0.402369	-2.48526	0.731842	1.33828	1.35828	0.999782	2.15405	2.15405	0.862915	0.877049	-1.14019	1.99575	15.0088	11.1571	1
cg17492795	PTPN14	0.405808	0.101375	0.407681	-2.4529	0.240593	0.545477	-1.83326	0.8374468	0.902354	-1.10821	0.38205	0.638619	-1.56588	0.1208207	0.430428	2.32327	0.2878004	0.573767	1.73681	0.0578009	0.1941982	-2.92413	0.574793	0.753113	-1.32782	0.490431	0.7044	-1.41965	1.99574	4.73879	3.52271	1
cg20606095	PLD3;PLD3	0.405823	0.770653	0.835026	-1.19757	0.922713	0.941905	-1.06168	0.59826	0.720402	-1.38811	0.9567	0.996659	-1.00335	0.107821	0.338827	-2.95136	0.880345	0.911279	-1.09736	0.103822	0.3338664	-2.99523	0.117159	0.85688	2.85688	0.679388	0.773886	-1.29218	1.99571	7.20394	5.35538	1
cg17213496	KNDC1	0.405824	0.07457	0.588053	1.700191	0.0916461	0.1207	0.533459	0.1880833	1.18033	1.18033	0.1974407	0.00001	0.00961	0.721263	0.0004705	-2.10435	0.0854247	0.602048	1.661	0.0004705	0.0004705	-2.10435	0.0004705	0.0004705	-2.10435	0.0004705	0.0004705	-2.10435	1.99571	0.0193866	0.0057956	0.0020258	1
cg03334839	PLAC8;PLAC8;PLAC8	0.405832	0.987472	1.00273	0.604311	0.721084	0.211748	-1.08485	0.4137985	1.15473	1.15473	0.447856	1.15087	1.15087	0.816578	1.04116	1.04116	0.6443419	1.14528	1.14528	0.0734597	0.7070195	-1.41404	0.334996	1.18838	1.18838	0.155518	1.30189	1.30189	1.99569	0.5706644	0.4242222	1
cg03536537	C15orf28;ANP32A	0.405833	0.725486	0.807189	-1.24795	0.118408	2.601	2.601	0.129073	2.85936	2.85936	0.254668	2.12127	2.12127	0.453414	0.816989	-1.61632	0.3795418	0.849291	1.17745	0.442328	1.63289	1.63289	1.63289	0.146567	2.66348	2.66348	0.750588	1.22199	1.22199	1.99569	7.48456	5.5461	1
cg17206583	VGF	0.405833	0.119506	0.797663	-1.25366	0.5000007	1.09595	1.09595	0.0138065	1.0777	1.0777	0.765567	0.960774	-1.04083	0.9543447	0.9923368	-1.00769	0.7140951	1.05047	1.05047	0.0596464	1.32901	1.32901	1.32901	0.69562	1.05403	1.05403	0.308714	1.15141	1.15141	1.99569	0.3391028	0.2521111	1
cg00565658	KIAA1530	0.405834	0.04403	0.485259	-2.06075	0.526556	1.22202	1.22202	0.267192	1.43505	1.43505	0.799951	0.92372	-1.08258	0.5519501	0.8090936	-1.23604	0.896894	0.902298	1.04134	0.353283	0.7419172	-1.34776	0.679777	1.19097	1.19097	0.425888	0.775664	-1.28926	1.99569	1.84902	1.37459	1
cg02251393	DAPL1	0.405854	0.4188868	0.625746	-1.59809	0.4295645	0.622176	-1.6065	0.594896	0.737352	-1.3562	0.685506	1.320062	1.26092	0.247719	0.5035648	-1.98591	0.2514028	0.585546	-1.70839	0.0658932	0.3090815	-3.22773	0.0911292	0.3470408	-2.87606	0.771102	1.18012	1.18012	1.99564	1.0102	4.5379	1
cg15844438	MAML3	0.405858	0.574649	0.747977	-1.33694	0.8420325	1.10759	1.10759	0.2809955	0.563362	-1.77506	0.518623	1.39809	1.39809	0.987553	0.3806571	-2.62694	0.346437	1.643	1.643	0.19331	2.02373	2.02373	0.488032	1.43444	1.43444	0.658364	1.25594	1.25594	1.99564	4.96604	3.69197	1
cg07484255	CDH1	0.405866	0.481263	1.45296	-1.45296	0.349944	0.725739	-1.3779	0.65142	0.320033	-3.10527	0.883381	0.936259	-1.07951	0.105137	0.396928	-2.51935	0.860218	1.09635	1.09635	0.792618	1.16323	1.16323	0.429782	1.5229	1.5229	0.94125	0.962264	-1.03922	1.99562	5.15756	3.83442	1
cg25755426	MIR11;MIR11	0.405867	0.4194641	0.2148448	-4.65445	0.6753152	0.456012	-2.19292	0.834431	0.691671	-1.44577	0.453169	0.7960951	0.6094046	-1.64094	0.432525	4.45147	0.4457142	0.7960951	0.6094046	-1.64094	0.432525	4.45147	4.45147	0.236596	0.09908	-10.0929	1.88489	58.2174	48.9266	1
cg14633268	C9orf171	0.405871	0.225385	0.739294	-1.35264	0.0844308	0.635827	-1.57275	0.669906	1.10708	1.10708	0.218013	1.3599	1.3599	0.869442	0.961726	-1.0398	0.502962	0.85106	-1.175	0.345013	1.25953	1.25953	0.469522	1.19073	1.19073	0.929341	1.02126	1.02126	1.99561	1.06574	0.7923138	1
cg20778033	PDGFB;PDGFB	0.405883	0.103715	0.362378	-2.75791	0.9184645	0.161656	-3.66291	0.5619408	0.843054	-1.06038	0.867617	0.934005	-1.07055	0.214357	0.4733115	-2.11276	0.466051	0.654712	-1.52799	0.0454827	0.2680138	-3.73557	0.189372	0.645536	-1.54907	0.268138	0.717557	0.189372	-5.28006	1.99559	0.6195954	0.4160923	1
cg20643012	DNAH9	0.405889	0.676285	1.10191	1.10191	0.887432	1.03328	1.03328	0.229365	1.33845	1.33845	0.83616	1.04902	1.04902	0.508894	0.856525	-1.16751	0.957105	0.987646	-1.01251	0.660119	0.902781	-1.10769	0.703188	1.0833	1.0833	0.0232732	1.87151	1.87151	1.99557	1.01142	0.751977	1
cg01345136	GALNT9	0.405892	0.777318	0.825553	-1.58893	0.193345	0.432322	1.2125	0.1215	1.58216	1.58216	0.0201507	1.612147	1.612147	0.0178664	0.6201357	-1.61268	0.1218509	0.3855	2.59259	0.0038554	0.0178664	0.6201357	1.612147	0.0178664	0.6201357	1.612147	0.0178664	0.6201357	1.612147	1.99557	0.2355555	0.0471512	0.0228104	0.0178664	0.6201357	1.612147	1.99557	0.2355555	0.0471512	0.0228104	1.99557	0.1329014	0.0266116	1
cg21190228	HDAC4	0.405904	0.298868	0.536415	-1.86423	0.165927	0.42544	-2.35051	0.0453458	0.265018	-3.77333	0.493885	0.669061	-1.49463	0.571001	0.718061	1.39264	0.482146	0.626294	1.59669	0.235071	0.4868806	-2.05421	0.427812	1.59726	1.59726	0.628265	0.754108	-1.32607	1.99553	0.33554	4.71052	1
cg06117824	TMEM51;TMEM51;TMEM51;TMEM51	0.405907	0.945315	1.01941	1.01941	0.723512	1.10467	1.10467	0.530334	0.836426	-1.19439	0.382267	0.777935	-1.28545	0.190239	0.147515	2.45515	0.502891	1.2099	1.2099	0.212453	1.44489	1.44489	0.147135	0.617401	-1.61969	0.415981	0.792165	-1.26236	1.99553	1.48703	1.10562	1
cg06848199	VAT1L	0.405914	0.507632	0.615708	-1.62415	0.747316	1.26269	1.26269	0.565558	1.5206	1.5206	0.958893	0.961749	-1.03977	0.0644552	0.223397	-4.47634	0.33339	0.486792	-2.05427	0.150825	0.3292554	-3.03717	0.252707	0.422309	-2.36794	0.204749	0.380796	-2.62608	1.99551	9.85727	7.32909	1
cg22081008	DDB2	0.405917	0.204702	0.656413	-1.52385	0.3107	0.115022	1.5222	0.0138408	0.844055	-1.18481	0.0160138	0.764883	1.09381	1.09381	0.5006	0.835213	-1.22667	0.0807542	0.560481	-1.78434	0.1156207	0.630597	1.58555	1.58555	1.58555	0.160218	1.60018	1.60018	1.99551	1.25819	1
cg14056412	DDHD1;DDHD1;DDHD1	0.405931	0.61181	0.830945	-1.20345	0.4906618	0.27425	2.25472	0.129954	1.90743	1.90743	0.903924	1.04666	1.04666	0.759353	0.4356437	-2.29611	0.4156497	0.760593	1.16193	0.22905	0.5934	-1.68549	0.344797	1.0735	1.0735	1.88775	2.19115	1.84337	1
cg10548254	TUBGCP6	0.405931	0.785075	0.876904	-1.14038	0.0526096	2.88161	2.88161	0.0857762	2.49043	2.49043	0.636299	0.795409	-1.25721	0.907766	0.942389	-1.06113	0.546224	0.745685	-1.34105	0.855529	1.09153	1.09153	0.458418	1.43735	1.43735	0.919932	0.952833	-1.0495	1.95547	4.37199	3.25077	1
cg18144870	CORO7;CORO7-PAM16	0.405933	0.717396	1.11416	1.11416	0.8555579	0.965155	-1.0361	0.7619455	1.10736	1.10736	0.203815	1.54128	1.54128	0.942084	1.40443	-1.16156	0.616834	1.19091	1.19091	0.564223	1.47231	1.47231	1.47231	0.147262	2.2712	2.2712	0.868074	0.5591	1.94812	1.94812	1.99551	1.66018	1.25819	1
cg25010691	IQC1;IQC	0.405935	0.185752	0.38667	-2.58619	0.0830135	0.272583	-3.66861	0.391326	0.552988	-1.80836	0.892588	0.912568	-1.09581	0.392473	0.5525514	-1.80991	0.430999	0.580239	-1.72343	0.0617636	0.240576	-4.15669	0.193114	0.393495	-2.54133	0.944403	0.953867	-1.04836	1.19547	8.68325	6.45643	1
cg20990847	VAMP4	0.405942	0.859183	1.119345	1.119345	0.5222	0.941905	-1.06168	0.5826	0.720402	-1.38811	0.9567	0.996659	-1.00335	0.107821	0.338827	-2.95136	0.880345	0.911279	-1.09736	0.103822	0.3338664	-2.99523	0.117159	0.85688	2.85688	0.679388	0.773886	-1.29218	1.99571	7.20394	5.35538	1
cg06513733	REXO1	0.405949	0.868006	1.05644	1.05644	0.828358	1.07431	1.07431	0.531681	1.23261	1.23261	0.936008	0.97384	-1.02686	0.0446118	0.4671029	2.14083	0.4598422	0.797023	-1.25467	0.893118	1.04538	1.04538	0.136707	1.69764	1.69764	0.602741	0.840852	-1.18927	1.19544	2.06231	1.53414	1
cg13631259	NUDT8	0.405949	0.107786	0.647208	-1.5451	0.40878	0.811021	-1.23301	0.506919	1.18182	1.18182	?	?	?	0.07744294	0.6146482	-1.62686	0.69316	0.90636	-1.10331	0.770966	1.07505	1.07505	0.819462	1.05811	1.05811	0.336469	0.782157	-1.27852	1.18971	1.02947	0.8653111	1
cg05493344	SARDH;SARDH	0.405950	0.662906	1.09178	1.09178	0.8196	1.183192	1.183192	0.331306	1.45137	1.45137	0.782641	1.10869	1.10869	0.627119	0.8491555	-1.17783	0.2216502	0.5083583	1.96625	0.0463015	0.1385137	-3.13955	0.0819379	0.3279314	-3.04958	0.2355155	0.4715512	-2.12084	1.19556	0.6772954	0.3554	1
cg21726348	LFNG;LFNG;LFNG;LFNG	0.405957	0.579202	1.10733	1.10733	0.359399	1.18709	1.18709	0.754214	0.944442	-1.05883	0.588069	0.905266	-1.10465	0.103739	1.38237	1.38237	0.706062	0.933367	-1.07139	0.0657698	1.45611	1.45611	0.948724	0.988364	-1.01177	0.473782	0.875823	-1.14178	1.19542	0.6270999	0.4662298	1
cg08643134	ACOX3;ACOX4	0.405961	0.971744	0.972533	0.028334	0.1666031	0.313346	-1.19646	0.8808241	0.328339	-4.37944	0.8858884	0.902995	-1.11083	0.5309353	0.64006	-1.5626	0.4263644	0.710799	-1.40725	0.162066	0.3410701	-2.93107	0.189725	0.624007	1.60202	0.240802	0.295401	1.71982	1.71982	0.431881	1.71597	0.8744464	1
cg20241059	PPP2R2D;PPP2R2D;PPP2R2D	0.405967	0.549252	1.08854	1.89854	0.0443186	11.51268	11.51268	0.0761003	8.0696	8.0696	0.943796	1.07744	1.07744	0.647378	0.6399882	-1.56254	0.85102	2.816919	-1.22008	0.566787	1.87527	1.87527	0.958458	0.94764	-1.05525	0.760978	0.724133	-1.38096	1.95564	2.21901	15.7568	1
cg26810966	LOC728895	0.405969	0.532791	0.499006	-2.00398	0.988349	0.984062	-1.0162	0.211072	0.234612	-4.26235	0.870525	0.835703	-1.1966	0.407067	0.393799	-2.53937	0.363955	0.358249	-2.79135	0.0269395	0.0559752	-17.8651	0.799982	1.32227	1.32227	0.612129	1.75523	1.75523	1.99539	22.9206	17.0437	1
cg14250385	MAD2L1;MAD2L1;MAD2L1	0.405972	0.421183	0.7579	-1.31972	0.166602	0.313346	-1.19646	0.8808241	0.328339	-4.37944	0.8858884	0.902995	-1.11083	0.5309353	0.64006	-1.5626	0.4263644	0.710799	-1.40725	0.162066	0.3410701	-2.93107	0.189725	0.624007	1.60202	0.240802	0.295401	1.71982	1.71982	0.431881	1.71597	0.8744464	1
cg01727419	SH3PXD2A	0.405974	0.626255	1.37887	1.37887	0.063941	0.253836	-1.93955	0.449089	0.601753	-1.66181	0.516981	1.54127	1.54127	0.902921	1.08366	1.08366	0.925694	1.06335	1.06335	0.668475	0.731627	-1.40523	0.64093	1.36246	1.36246	0.112442	1.13015	1.12015	1.99538	8.2083	6.10372	1
cg06943561	SCGB1	0.405984	0.424188	0.7579	-1.31972	0.166602	0.313346	-1.19646	0.8808241	0.328339	-4.37944	0.8858884	0.902995	-1.11083	0.5309353	0.64006	-1.5626	0.4263644	0.710799	-1.40725	0.162066	0.3410701	-2.93107	0.189725	0.624007	1.60202	0.240802	0.295401	1.71982	1.71982	0.431881	1.71597	0.8744464	1
cg16503924	CDH18;CDH18	0.405986	0.812428	0.934105	-1.07054	0.560841	0.18369	-1.18369	0.873101	1.04689	1.04689	0.915611	0.970063	-1.03086	0.797698	0.928991	-1.07644	0.358063	1.3113	1.3113	0.0334486	0.490384	-2.03922	0.258605	0.713246	-1.40204	0.557855	1.18525	1.18525	1.99535	1.55673	1.15762	1
cg05742988	ESYT1	0.405993	0.864392	1.09263	1.09263	0.435224	1.18024	1.18024	0.312994	1.12594	1.12594	0.534485	0.862698	-1.13289	0.0858905	0.6736	-1.48456	0.419553	1.14702	1.14702	0.153485	0.07787	-12.8401	0.0158001	0.12551	1.12551	0.214377	0.30911	1.30911	1.99534	0.8203055	0.6160003	1
cg00314907	CPLX1	0.405997	0.51857	1.15061	1.15061	0.416047	1.197655	1.197655	0.76482	1.18025	1.18025	0.920762	0.978896	-1.02156	0.0993712	1.47289	1.47289	0.425699	0.839982	-1.1905	0.0375478	0.153369	1.53369	0.502659	0.864301	-1.157	0.878642	0.967776	-1.0333	1.19533	0.8809783	0.6490855	1
cg24004780	KIAA1407	0.406002	0.831682	1.08203	1.08203	0.134897	0.550457	-1.81667	0.638607	1.1915	1.1915	0.237957	0.632626	-1.58071	0.291115	0.6664655	-1.50046	0.893795	0.951729	-1.05072	0.089372	2.00128	2.00128	0.832049	1.08184	1.08184	0.920657	1.03759	1.03759	1.99532	2.59731	1.93146	1
cg05522220	GDF6	0.406018	0.706333	0.891481	-1.12165	0.7063558	1.182453	1.182453	0.5788	1.28568	1.28568	0.617773	0.93452	-1.07014	0.8318959	0.9842567	-1.01769	0.989541	1.00243	1.00243	0.9884616	0.932882	-1.07163	0.9187	1.09302	1.09302	0.0608845	1.45741	1.45741	1.99532	0.6010788	0.4474648	1
cg17504584	IQCC;IQCC ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.406032	0.0449121	1.77491	1.77491	0.458488	0.828472	-1.20704	0.618855	0.882485	-1.13316	0.908255	0.971671	-1.02915	0.932075	1.030329	1.30539	0.717916	0.913539	-1.09464	0.914704	1.02707	1.02707	0.292381	0.761622	-1.31299	0.448854	1.21213	1.21213	1.99525	1.17626	0.874761	1
cg14037937	M2;ABLIM2	0.406035	0.839131	0.942504	-1.061	0.0419322	1.97971	1.97971	0.40968	1.27843	1.27843	0.6093	1.13722	1.13722	0.213802	1.46424	1.46424	0.237788	1.4337	1.4337	0.554101	1.19046	1.19046	0.35816	0.759365	-1.31689	0.637963	1.14806	1.14806	1.99525	1.60654	1.19476	1
cg15694127	GNAI3;GNAI3	0.406036	0.179181	2.41025	2.41025	0.671467	0.768722	-1.30086	0.346943	1.81684	1.81684	0.513793	0.684022	-1.50416	0.151241	0.387457	-2.58093	0.347706	1.81503	1.81503	?	?	?	0.868353	1.10769	1.10769	0.260574	2.06152	2.06152	1.98551	6.36523	5.35112	1
cg15217623	GPR152	0.406041	0.709887	1.24026	1.24026	0.146903	0.598582	-1.50781	0.62028	1.10212	1.10212	0.572662	0.904413	-1.08765	0.3301181	0.6107	-1.63767	0.871687	1.967947	-1.03331	0.0663557	0.9232289	-1.08308	0.127508	0.877647	-1.39379	0.134249	0.818146	-1.22228	1.97625	0.7689224	0.5718445	1
cg06200607	C2orf71	0.406042	0.518231	0.769047	-1.30031	0.459887	1.35212	1.35212	0.328989	0.667698	-1.49768	0.612927	1.22695	1.22695	0.0509047	0.409589	-2.43909	0.411622	1.40016	1.40016	0.429516	0.7232738	-1.38172	0.414963	1.39665	1.39665	0.833861	0.919238	-1.08786	1.19523	0.304277	2.2629	1
cg02779625	SH2D7	0.406043	0.131923	0.341654	-2.92694	0.305557	0.924605	-1.08154	0.648215	0.666017	1.66607	0.455677	0.606139	-1.64979	0.0417834	0.2223371	-4.4997	0.828802	0.867472	-1.15277	0.264169	0.4636526	-2.15693	0.0447818	0.729058	-1.37163	0.308278	0.498341	-2.00666	1.19523	0.8257091	0.6140771	1
cg09476950	GPR179	0.406045	0.817385	0.895191	-1.12159	0.8339198	0.386436	-2.58775	0.995811	0.997390	-1.00261	0.461021	1.45109	1.45109	0.372457	0.6349116	-1.57501	0.2518	0.552149	-1.81111	0.136092	0.450377	-2.21843	0.358628	0.626069	-1.59727	0.442553	1.47467	1.47467	1.99522	1.65898	3.46489	1
cg02150057	ZAP70;ZAP70	0.406046	0.498387	0.882519	-1.13312	0.289165	0.81868	-1.22148	0.355157	0.84124	-1.18872	0.0216087	0.605567	-1.65134	0.729883	0.91892	-1.06505	0.349701	0.839424	-1.19129	0.679203	1.07855	1.07855	0.693713	0.930558	-1.07462	0.383518	0.850031	-1.17643	1.19522	0.62587	0.46546	1
cg11152574	ACSL5;ACSL5;ACSL5	0.406049	0.747347	1.04102	1.04102	0.435224	1.18024	1.18024	0.312994	1.12594	1.12594	0.534485	0.862698	-1.13289	0.0858905	0.6736	-1.48456	0.419553	1.14702	1.14702	0.153485	0.07787	-12.8401	0.0158001	0.12551	1.12551	0.214377	0.30911	1.30911	1.99534	0.8203055	0.6160003	1
cg17971086	SAPS2	0.406049	0.502806	0.693342	-1.44229	0.0792081	2.8561	2.8561	0.250673	1.90867	1.90867	0.758297	1.18084	1.18084	0.153993	0.4395515	2.27524	0.662212	0.789202	-1.2671	0.651179	1.27777	1.27777	0.388219	1.61003	1.61003	0.708871	1.22374	1.22374	1.19522	5.49001	4.08295	1
cg25278796	GUK1;GUK1;GUK1	0.406051	0.7009441	1.12481	1.12481	0.221127	0.705394	-1.41729	0.2156648	1.31529	1.31529	0.2156648	1.31529	1.31529	0.2156648	1.31529	1.31529	0.7009441	1.12481	1.12481	0.221127	0.705394	-1.41729	0.2156648	1.31529	1.31529	0.2156648	1.31529	1.31529	1.19522	0.8322305	-1.23106	0.4074833	0.6463311	1.19522	0.5473	1.19522	0.8322305	-1.23106	0.4074833	0.6463311	1.19522	0.5473	1.19522	0.1040234	0.0208047	1
cg13304234	IL18;IL18	0.406057	0.171315	0.208574	-4.79446	0.629239	0.592412	-1.68801	0.490746	0.470808	-2.12401	0.206015	0.237969	-4.20223	0.0624308	0.104675	9.55338	0.49587	1.475136	2.10466	0.119884	0.162694	-6.14652	0.176117	0.212698	-4.7015	0.230872	0.258566	-3.86748	1.1952	21.9237	16.305	1
cg04959634	HOXA10	0.406058	0.69406	1.54039	1.54039	0.597353	1.79058	1.79058	0.91167	1.12893	1.12893	0.66804	0.643331	-1.55441	0.253506	0.271652	-3.68118	0.806457	1.30768	1.30768	0.860013	0.824555	-1.21278	0.0282502	0.16993	0.16993	0.309473	2.56672	2.56672	1.1952	22.6071	16.8133	1
cg22504462	AKAP8L	0.406066	0.8207206	1.08203	1.08203	0.134897	0.550457	-1.81667	0.638607	1.1915	1.1915	0.237957	0.632626	-1.58071	0.291115	0.6664655	-1.50046	0.893795	0.951729	-1.05072	0.089372	2.00128	2.00128	0.832049	1.08184	1.08184	0.920657	1.03759	1.03759	1.19522	0.8322305	-1.23106	0.4074833	0.6463311	1.19522	0.5473	1.19522	0.8322305	-1.23106	0.4074833	0.6463311	1.19522	0.5473	1.19522	0.1040234	0.0208047	1
cg27569265	TMPPE;TMP

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1047 vs. 1117)	Fold-Change(1047 vs. 1117)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg22100472	LAP3	0.406468	0.540793	1.13765	1.13765	0.253701	0.780141	-1.28182	0.174238	0.746036	-1.35128	0.761565	0.938579	-1.00544	0.827731	1.04644	1.04644	0.522782	1.14443	1.14443	0.0691949	1.52725	1.52725	0.530291	0.879376	-1.14158	0.751369	1.06845	1.06845	1.1943	0.82063	0.610777	1
cg21959598	VOPP1	0.406473	0.756969	0.837671	-1.19379	0.726883	0.313486	1.13486	0.0552338	3.45592	3.45592	0.700242	1.247	1.247	0.800592	0.865525	-1.15537	0.514719	1.45788	1.45788	0.798475	0.864164	-1.15719	0.805378	1.15127	1.15127	0.540096	0.701922	-1.42466	1.19429	0.15875	4.58386	1
cg03572913	ROMO1;NFS1	0.406485	0.408014	0.844335	-1.18436	0.148019	1.36379	1.36379	0.403455	0.842877	-1.18641	0.503661	1.14532	1.14532	0.344075	1.21514	1.21514	0.893972	0.973691	-1.02702	0.0856572	0.683986	-1.46202	0.822042	1.04607	1.04607	0.705141	1.07897	1.07897	1.19426	0.756082	0.562752	1
cg17133059	MALAT1	0.406488	0.861307	1.05117	1.05117	0.344237	0.75737	-1.32053	0.0383245	0.604101	-1.98373	0.754884	0.109349	1.09349	0.386536	1.28829	1.28829	0.952115	1.01728	1.01728	0.35825	0.76368	-1.30945	0.924917	1.02727	1.02727	0.394746	1.28242	1.28242	1.19425	1.54041	1.14653	1
cg25390678	MAP2K2	0.406491	0.12554	0.531784	-1.88046	0.405866	1.38254	1.38254	0.749346	1.12987	1.12987	0.125145	1.28086	1.28086	0.593758	0.716944	-1.39481	0.161078	0.565423	-1.76859	0.271809	1.56151	1.54611	0.471275	1.322	1.322	0.598272	0.81666	-1.2245	1.19425	2.74444	2.04271	1
cg25232263	ABCG4;ABCG4	0.406492	0.30616	0.850266	1.1761	0.238024	1.20831	1.20831	0.890652	0.979161	-1.02128	0.783923	0.958791	-1.02948	0.113282	0.768002	-1.30193	0.79754	1.04014	1.04014	0.0875516	0.749206	-1.33475	0.996374	1.0007	1.0007	0.605841	1.08295	1.08295	1.19425	0.443329	0.329974	1
cg26094238	PTPRN2;PTPRN2;PTPRN2	0.406493	0.125846	0.384323	-2.60198	0.35524	1.73161	1.73161	0.979514	1.01493	1.01493	0.985266	1.01072	1.01072	0.154711	0.415039	-2.40941	0.499424	1.48562	1.48562	0.744853	1.20747	1.20747	0.866338	1.10214	1.10214	0.115777	0.372699	-2.68313	1.19424	0.30459	4.69258	1
cg21044210	APBA2;APBA2;APBA2;APBA2	0.406495	0.824626	0.95967	-1.04161	0.125797	1.15758	1.15758	0.744156	0.941357	-1.0623	0.409112	1.16624	1.16624	0.189861	0.773562	-1.29307	0.747723	1.06136	1.06136	0.346042	0.799404	-1.25092	0.339955	0.97667	-1.02491	0.962364	0.841329	-1.1886	1.19424	0.644152	0.479437	1
cg02519625	TMCO3	0.406497	0.5802	0.865692	-1.15514	0.844188	0.982087	-1.01824	0.130869	0.656305	-1.52368	0.8724513	0.942615	1.04235	0.539467	0.851817	1.17956	0.207	0.709244	-1.40995	0.0681537	1.69292	1.69292	0.801877	0.937154	-1.06706	0.830426	0.946139	1.05693	1.9424	1.26058	0.938273	1
cg02220837	BHLHE40	0.406498	0.234912	2.30032	2.30032	0.0643476	4.01742	4.01742	0.250267	2.23424	2.23424	0.666234	1.33691	1.33691	0.365855	1.86201	1.86201	0.342014	1.92533	1.92533	0.0646975	4.00836	4.00836	0.24855	2.24136	2.24136	0.734221	1.25612	1.25612	1.19423	8.4683	6.30311	1
cg13721588	TESK1	0.406499	0.162439	0.69957	-1.42909	0.284359	1.37517	1.37517	0.192168	0.806829	-1.23942	0.513466	1.10853	1.10853	0.354344	1.15969	1.15969	0.827165	1.08578	1.08578	0.231297	1.21558	1.21558	0.0934758	1.10853	1.10853	0.0876417	1.34062	1.34062	1.19423	0.457234	0.340328	1
cg23369563	CHEK2;HSCB;CHEK2;CHEK2	0.406509	0.521429	0.843034	-1.18619	0.0959395	1.61676	1.61676	0.466161	0.822957	-1.21553	0.268909	0.738942	-1.35329	0.900777	1.00327	1.00327	0.233472	1.38849	1.38849	0.18978	0.694259	-1.44038	0.941124	0.98078	-1.0196	0.953471	0.984786	-1.01545	1.19421	1.30571	0.97188	1
cg20566010	ASPDH;ASPDH;ASPDH	0.406511	0.864105	1.06565	1.06565	0.411526	1.15468	1.15468	0.0717868	1.9959	1.9959	0.117366	1.79456	1.79456	0.919367	1.03543	1.03543	0.472609	1.28552	1.28552	0.756107	0.898422	-1.11306	0.930369	1.41245	1.41245	0.0931121	1.88636	1.88636	1.1942	2.2156	1.66404	1
cg19925772	TMEM57	0.406515	0.0598883	3.69427	3.69427	0.0999324	0.926396	-1.07945	0.782695	1.18183	1.18183	?	?	?	?	?	?	?	?	?	0.919209	0.940554	-1.0632	0.334273	0.544425	-1.83008	0.670994	0.772346	-1.29476	1.19279	0.49819	4.39967	1
cg12778580	MIR137;RP5SEK4;RP5SEK4	0.406516	0.187005	0.550928	-1.81512	0.279809	1.61429	1.61429	0.714578	1.16948	1.16948	0.144001	1.08732	1.08732	0.0348855	0.372619	-2.6837	0.408862	0.69764	-1.4334	0.877634	0.936435	-1.06788	0.923901	0.963052	-1.03837	0.559378	0.777538	-1.28611	1.19419	3.43625	2.55774	1
cg26809285	C1orf59	0.406519	0.823573	0.954767	-1.16991	0.0359127	0.57574	1.55774	0.354791	1.95227	1.95227	0.909572	1.08312	1.08312	0.183945	0.873164	-1.26027	0.815928	1.04893	1.04893	0.728756	0.955172	1.15719	1.15719	0.936878	1.05724	1.05724	0.88222	0.901059	-1.1098	1.19419	0.94055	0.9526	1
cg11980147	HSD17B12	0.40652	0.895553	1.06338	1.06338	0.812224	1.11845	1.11845	0.87701	1.07515	1.07515	0.749638	0.860888	-1.16159	0.97249	0.983996	-1.01626	0.237759	0.560675	-1.78356	0.1807	0.514282	-1.94446	0.0269009	0.293395	-3.40837	0.746705	0.859314	-1.16372	1.19418	4.13993	3.08155	1
cg07106944	ZDHHC18	0.406536	0.500746	1.13116	1.13116	0.589008	0.845878	-1.24289	0.187226	0.5728	-1.74581	0.449265	1.20023	1.20023	0.0794271	0.460184	-2.17305	0.190966	1.72247	1.72247	0.798084	0.859485	-1.11921	0.859217	0.931673	-1.07334	0.378842	0.697742	-1.43319	1.19415	3.00533	2.23708	1
cg26730862	ZNF799	0.406555	0.945055	1.04901	1.04901	0.227176	1.29161	1.29161	0.326211	1.22702	1.22702	0.611337	0.790736	-1.10897	0.141755	1.37556	1.37556	0.533591	0.880508	-1.13571	0.0977195	0.659013	-1.44298	0.774592	1.05966	1.05966	0.948811	1.01304	1.01304	1.1941	0.770399	0.573483	1
cg05704639	MED8;MED8;MED8;MED8;C1orf84	0.406564	0.51633	0.807921	-1.23775	0.965072	0.985907	-1.01429	0.767666	0.908443	-1.10078	0.27533	0.602227	-1.44461	0.169507	0.622295	-1.60695	0.0291586	0.434667	-2.30061	0.818696	1.07726	1.07726	0.603273	0.843715	-1.18523	0.653148	1.15791	1.15791	1.19409	1.98677	1.47897	1
cg20077512	NTSD3	0.406568	0.514332	1.66915	1.66915	0.213626	2.64289	2.64289	0.0878564	4.3522	4.3522	0.4556	1.8017	1.8017	0.923648	0.929126	-1.07709	0.0726158	4.71979	4.71979	0.273773	2.43648	2.43648	0.0827547	2.49142	2.49142	0.185693	2.96585	2.96585	1.19408	11.3507	8.4496	1
cg25582283	NME5;NME5	0.406572	0.461783	0.874351	-1.14371	0.744692	0.943116	-1.06031	0.817482	0.959413	-1.0423	0.0806266	0.706605	-1.41522	0.0356447	0.645144	-1.55004	0.948481	1.01165	1.01165	0.930111	0.984401	-1.01585	0.262143	0.810937	-1.23314	0.549786	0.897214	-1.11456	1.19407	0.607512	0.452243	1
cg15083522	LRRC27;LRRC27	0.406576	0.513461	1.03983	1.03983	0.87325	1.00405	1.00405	0.817982	1.03967	1.03967	0.747015	0.559636	-1.78688	0.0991288	0.55911	-1.78911	0.0472609	1.28552	1.28552	0.756107	0.898422	-1.11306	0.930369	1.41245	1.41245	0.0931121	1.88636	1.88636	1.1942	2.2156	1.66404	1
cg21608195	WRN;PURG;PURG;WRN	0.406585	0.349367	1.24831	1.24831	0.170513	1.39938	1.39938	0.859569	0.960049	-1.04161	0.395238	0.818356	-1.22196	0.730663	1.08281	1.08281	0.804768	1.04577	-1.05867	0.712098	1.08909	1.08909	0.0914023	1.53416	1.53416	0.105536	1.50246	1.50246	1.19403	1.00235	0.74619	1
cg10775551	TANC1;TANC1	0.406595	0.686741	0.649609	-1.53939	0.0803918	1.87471	1.87471	0.0734366	8.36295	8.36295	0.783434	0.745906	-1.34065	0.804701	0.746913	-1.33884	0.752803	0.714489	-1.3996	0.376986	0.841207	0.714428	-1.39966	0.372378	2.6238	0.348578	0.710225	1.408	0.784031	0.747465	-1.33786	1.19402	21.4105	15.9391	1
cg26354773	ETV3;ETV3	0.406603	0.144323	1.19837	1.19837	0.481087	0.89209	-1.12078	0.08609	0.660797	-1.51328	0.0772367	0.488262	1.61528	0.0973367	0.727736	-1.37443	0.0738862	1.84128	1.84128

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 057 vs. N) vs. N)	p-value(111T vs. N)	Fold-Change(1 117 vs. N) vs. N)	p-value(112T vs. N)	Fold-Change(1 127 vs. N) vs. N)	p-value(121T vs. N)	Fold-Change(1 N)	p-value(121T vs. N)	Fold-Change(5 217 vs. N)	p-value(347T vs. N)	Fold-Change(3 N)	p-value(347T vs. N)	Fold-Change(5 477 vs. N)	p-value(353T vs. N)	Fold-Change(5 537 vs. N)	p-value(537T vs. N)	Fold-Change(5 377 vs. N)	p-value(563T vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg27208844	DCAF17;DCAF17;DCAF17;METTL8	0.407161	0.511824	0.003407	-1.50901	0.533643	3.10103	0.10103	0.256759	1.19808	1.19808	0.189776	1.2562	1.2562	0.0807879	0.744058	-1.34398	0.825274	0.985179	-1.01443	0.634512	1.07586	1.07586	0.314836	1.17197	1.17197	0.683875	1.0645	1.0645	1.19278	0.440347	0.328157	1
cg23270415	HSPA7	0.407165	0.190719	0.682185	-1.46588	0.156932	0.658444	-1.51873	0.737865	1.1029	1.1029	0.413148	0.793783	-1.25979	0.556074	0.848443	-1.17863	0.290944	1.35324	1.35324	0.248819	1.39478	1.39478	0.784318	0.927067	-1.07867	0.239497	0.711773	-1.40494	1.19277	1.43936	1.07265	1
cg02929310	MCF2L2	0.407168	0.764027	0.908616	-1.10058	0.11249	0.576954	-1.73324	0.0522112	0.495149	-2.01959	0.335165	0.728793	-1.37213	0.197146	0.647909	-1.54343	0.493819	0.797363	-1.25413	0.921049	0.968936	-1.03206	0.316177	0.719018	-1.39079	0.642095	1.16066	1.16066	1.19277	1.91407	1.42642	1
cg20595218	GPS1;GPS1;GPS1;GPS1;RFNG	0.407174	0.261768	1.26534	1.26534	0.304851	1.238243	1.238243	0.376386	1.20028	1.20028	0.199811	1.3131	1.3131	0.611789	1.10841	1.10841	0.709325	1.07922	1.07922	0.0760187	0.673286	-1.48525	0.557296	1.12678	1.12678	0.467805	1.16017	1.16017	1.19275	0.763908	0.569363	1
cg00128732	PCDH1;PCDH1	0.407174	0.744506	1.04201	1.04201	0.83725	0.974449	-1.02622	0.205078	1.18324	1.18324	0.926584	0.988469	-1.01167	0.918618	1.00974	1.00974	0.912443	0.986254	-1.01394	0.225018	0.851834	-1.17394	0.0443053	0.747734	-1.33737	0.580744	1.07272	1.07272	1.19275	0.299145	0.222935	1
cg00040016	TMEM49	0.407175	0.249502	0.714384	-1.39981	0.401737	1.27104	1.27104	0.737089	1.09873	1.09873	0.569834	0.851716	-1.1741	0.0480273	0.53175	-1.88058	0.233467	0.705331	-1.41777	0.766561	0.918164	-1.08913	0.551604	1.18332	1.18332	0.522615	0.834372	-1.19851	1.19275	1.42505	1.09942	1
cg20047825	ZNF251	0.407177	0.985531	0.995643	-1.00438	0.86928	0.961119	-1.04045	0.224805	0.735713	-1.35922	0.0808704	0.627465	-1.59372	0.970272	0.991068	-1.00901	0.333568	0.786518	-1.27143	0.122185	0.668086	-1.49681	0.205658	0.725087	-1.37915	0.457669	1.19973	1.19973	1.19275	1.09509	0.816115	1
cg20082763	ZNF564	0.407179	0.641296	0.945674	-1.05765	0.0785932	0.792492	1.262541	0.0148923	0.864	1.15962	0.382664	1.11262	1.11262	0.910884	1.01342	1.01342	0.638089	1.05802	1.05802	0.0158202	0.430232	0.908398	-1.10016	0.356199	1.12067	1.12067	0.393824	1.10958	1.10958	1.2038601	0.854012	-1.17084	1.19274	0.267725	0.199521	1
cg16641818	ALOX5	0.407183	0.715329	1.08789	1.08789	0.791153	1.56573	1.56573	0.383941	1.12548	1.12548	0.810185	0.966162	-1.0569	0.162958	1.40849	1.40849	0.691134	1.0962	1.0962	0.212502	0.760969	-1.31411	0.418339	1.20949	1.20949	0.216002	1.34855	1.34855	1.19273	0.999208	0.744664	1
cg24891034	ZBTB9	0.407187	0.950366	1.01123	1.01123	0.0954615	1.38884	1.38884	0.242015	1.24558	1.24558	0.469946	0.876493	-1.14091	0.398257	0.856327	-1.16778	0.761918	0.946967	1.056	0.835003	0.963287	-1.03811	0.97567	0.994546	-1.00548	0.101325	1.37951	1.37951	1.19273	0.60751	0.452752	1
cg04736636	CDK2	0.407191	0.195895	0.950168	-1.05227	0.0683237	0.956246	1.045	0.0655077	1.27981	1.27981	0.660301	1.12084	1.12084	0.0778852	0.744214	-1.34354	0.803564	0.93601	-1.06836	0.344992	1.29458	1.29458	0.368507	1.10004	1.10004	0.192772	1.15167	1.15167	1.19273	1.13098	0.991932	1
cg24692254	RNF160	0.407197	0.05817722	4.23179	4.23179	0.267086	2.17939	2.17939	0.163929	1.34345	1.34345	0.308351	1.96616	1.96616	0.606003	1.41988	1.41988	0.302341	0.486778	2.05433	?	?	?	0.495204	1.59465	1.59465	0.67007	0.749183	-1.33479	1.18691	7.58611	6.39145	1
cg20751324	ADCY9	0.407198	0.614854	0.954159	-1.106	0.216835	0.797409	-1.25787	0.483746	0.867184	-1.15316	0.153422	1.35907	1.35907	0.113234	1.41333	1.41333	0.968568	1.09764	1.09764	0.0160513	0.937095	-1.0214	0.552791	0.837267	-1.19253	0.351054	0.824781	-1.21244	1.1927	0.760954	0.56712	1
cg02732152	DOCK2	0.407201	0.966742	0.983966	-1.0163	0.0876644	0.481504	-2.07683	0.160465	0.584214	-1.7117	0.800765	0.906621	-1.103	0.616618	0.822471	-1.21614	0.370888	0.703328	-1.4279	0.148236	1.8244	1.8244	0.918877	1.04029	1.04029	0.522262	1.28585	1.28585	1.19269	2.83898	2.11583	1
cg07475232	BHLHE40;BHLHE40	0.407203	?	?	?	0.266306	0.480734	-2.04192	0.855504	0.889239	-1.11891	0.178996	0.805268	0.857408	0.196026	1.99606	1.99606	0.580592	0.708949	-1.41054	0.330393	0.36536	-2.73703	0.585209	0.711912	-1.40457	0.691199	1.27902	1.27902	1.1869	6.34777	5.34818	1
cg23756474	PCSK2	0.407211	0.676184	-1.47889	0.674324	1.1321	1.72331	1.72331	0.140009	0.858844	-1.26922	0.899446	0.909993	-1.09891	0.416799	0.533468	-1.87573	0.439009	1.55201	1.55201	0.188661	0.538044	-1.85814	0.385097	0.430759	-2.28959	0.110074	1.56708	1.56708	1.19269	10.5147	7.83642	1
cg00623388	BCORL1	0.407223	0.401207	0.454832	-2.19861	0.919267	1.09742	1.09742	0.89058	0.881433	-1.13452	0.8088235	0.90138	0.90138	0.187241	1.62045	1.62045	0.143414	0.236539	-4.22763	0.949865	0.943976	-1.05935	0.939766	1.07175	1.07175	0.637401	1.54544	1.54544	1.19265	15.8797	11.8353	1
cg13756879	IGF2;IGF2AS;IGF2;IGF2AS;IGF2	0.407229	0.863297	1.10862	1.10862	0.05471	0.271478	-3.68353	0.550227	0.696513	-1.43572	0.231586	2.1186	2.1186	0.453542	0.633815	-1.57775	0.439597	1.60262	1.60262	0.458221	0.636384	-1.57138	0.998111	0.998584	-1.00142	0.421762	1.6364	1.6364	1.19263	6.76226	5.04003	1
cg19323951	SLC22A20	0.407233	0.284198	0.345065	-2.89801	0.424463	0.458348	-2.18175	0.0182881	0.100645	-9.93593	0.171927	0.24889	-4.01784	0.226315	0.296698	-3.37043	0.409869	0.446612	-2.23908	0.172762	0.249649	-4.00562	0.308262	0.364729	-2.74176	0.794706	0.779272	-1.28325	1.19262	17.2773	12.8772	1
cg24980458	FOXP1;FOXP1	0.407238	0.193029	0.752323	-1.32932	0.0196183	0.796582	-1.25121	0.548921	0.914	1.09375	0.619559	1.14935	1.14935	0.118538	0.889553	-1.12456	0.544165	0.890237	-1.12303	0.122842	1.34843	1.34843	0.766403	0.948125	-1.05471	0.469876	1.1405	1.1405	1.19261	0.60396	0.450149	1
cg02251172	PACS;PACS;PACSX	0.407239	0.362416	0.503972	-1.98424	0.0629657	0.873399	-1.87399	?	?	?	0.704075	0.758015	-1.31924	0.643154	1.40302	1.40302	0.906692	1.08872	1.08872	?	?	?	0.774747	1.23141	1.23141	1.22124	0.645112	0.52844	1
cg16893118	CNOP1	0.407240	0.242741	0.464911	-2.15139	0.0499939	0.646345	-1.54777	0.0183567	0.185381	-5.39422	0.239229	-3.34192	0.0178557	0.185381	1.05189	1.05189	0.490834	-2.03737	0.662056	1.50962	0.774936	1.29055	0.713973	0.523727	-1.90939	0.454621	0.621756	-1.60835	0.758666	0.818951	-1.22107	1.19266	0.784705	0.552598	1
cg22129074	UPF2	0.407252	0.187334	0.722054	-1.38494	0.167967	0.71004	-1.40837	0.244202	0.752827	-1.32833	0.490143	0.849293	-1.17745	0.307259	0.781687	1.27928	0.260869	0.760891	-1.31425	0.0368423	0.568326	-1.75955	0.879134	0.96516	-1.0361	0.625538	0.891711	1.12144	1.19258	1.02572	0.764517	1
cg05165422	SLC9A11	0.407256	0.95109	1.06377	1.06377	0.6997181	1.72718	1.72718	0.143742	1.87005	4.87005	0.972495	1.03536	1.03536	0.188209	0.245307	-4.07653	0.650847	1.58277	1.58277	0.46903	2.10102	2.10102	0.492599	2.01846	2.01846	0.724096	0.699644	-1.4293	1.19257	19.1839	14.2988	1
cg22213614	MBTPS2	0.407257	0.63565	1.0161	1.0161	0.154647	0.605157	-1.59868	0.654104	1.18822	1.18822	0.445522	0.931722	0.931722	0.0729737	0.705884	-1.41702	0.999262	1.38343	1.38343	1.31832	0.495398	1.78761	1.78761	0.739257	-1.35213	0.422091	0.776029	-1.28872	1.19257	1.82925	1.36344	1
cg01574481	RECQL;RECB	0.407264	0.819108	1.18186	1.18186	0.0843264	0.248359	-4.02642	0.24893	0.240864	0.240864	0.235093	0.247875	0.247875	0.666221	0.728661	-1.37238	0.729027	1.28875	1.28875	0.686977	0.744167	-1.34378	0.379956	0.518425	-1.92892	0.310675	0.24933	0.24933	1.19256	10.0496	7.49061	1
cg24283649	PAX5	0.407269	0.177524	0.480415	-2.44049	0.0237255	0.39047	1.88647	0.0855977	0.889746	-1.12391	0.701325	0.785995	-1.27237	0.0474752	0.502505	-1.42361	0.484001	0.641787	-1.55815	0.273699	0.490776	-2.03759	0.302012	1.34987	1.34987	0.0885865	0.87912	-1.1375	1.19255	7.33494	5.49696	1
cg24703168	ZSCAN23	0.407285	0.999731	0.00014	1.00014	0.251204	0.64793	1.64793	0.0996238	2.12118	2.12118	0.82144	1.09641	1.09641	0.567356	0.785933	-1.27237	0.135179	0.511186	-1.95623	0.949137	0.973769	-1.02694	0.346112	1.49822	1.49822	0.349638	1.49356	1.49356	1.19251	1.279	2.44415	1
cg18177875	MGC16703	0.4073	0.160726	0.659934	-1.5153	0.160458	0.659734	-1.51576	0.121067	0.627309	-1.59411	0.800134	0.932047	-1.07291	0.237542	0.709471	-1.4095	0.111973	0.618719	-1.61624	0.961191	1.01359	1.01359	0.2008	0.687422	-1.45471	0.280529	0.7326	-1.365	1.19248	1.45325	1.08327	1
cg18945744	SPATA20	0.407293	0.729913	1.07664	1.07664	0.0765204	0.291481	2.82405	0.148923	0.892	1.12091	0.548923	0.887749	-1.12681	0.0974125	0.522597	-1.91579	0.853648	0.87377	-1.14467	0.786413	1.02108	1.02108	0.851467	1.04988	1.04988	0.948158	1.78978	1.78978	0.474547	1.60251	1.20175	0.50788	1
cg18434356	C1QTNF7;C1QTNF7;C1QTNF7	0.407306	0.162791	0.24371	-4.10324	0.341716	0.395233	-2.53015	0.823089	0.808742	-1.23649	0.50198	0.52432	-1.90723	0.15058	0.232259	-4.30554	0.487494	0.9511	1.0.91512	1.01051	1.00051	0.686769	1.46831	1.46831	0.0682724	1.14452	1.14452	0.919944	1.19246	0.95663	12.6396	1
cg07594933	CCDC77;CCDC77;CCDC77;CCDC77;CCDC77	0.407321	0.0744	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg21184518	TTLL11;TTLL11	0.407325	0.363455	0.584453	-1.711	0.3281179	1.78671	1.78671	0.451285	1.55479	1.55479	0.401341	0.61021	-1.63878	0.0923813	0.344681	-2.90123	0.476661	1.51608	1.51608	0.160074	0.421849	-2.37052	0.768821	0.8441	-1.18469	0.658122	0.774072	-1.29187	1.19242	1.24495	4.65528	1
cg23456689	BEND7;BEND7	0.40733	0.318183	1.19356	1.19358	0.688234	0.9331159	-1.07163	0.464295	0.880079	-1.13526	0.424987	0.869589	-1.14997	0.718964	0.939905	-1.06394	0.756761	0.948108	-1.05473	0.0383402	1.50927	1.50927	0.961701	0.991798	-1.00827	0.433592	0.87193	-1.14688	1.19241	0.555523	0.414117	1
cg06578069	BASP1	0.407331	0.113163	0.779758	1.19358	0.0180123	0.629184	0.953122	-1.05229	0.326304	0.850948	-1.07546	0.215465	0.215465	0.189121	0.722607	-1.38408	0.940568	1.12707	1.12707	0.743302	0.814252	1.15129	1.15129	0.739418	-1.29799	0.139596	0.852059	1.24689	1.19241	0.361609	0.269564	1
cg10971510	ADAMTS17	0.407333	0.710142	0.952058	-1.05036	0.504769	1.09316	1.09316	0.890366	0.982014	-1.01832	0.848645	0.97517	-1.02546	0.277033	1.16042	1.16042	0.543953	1.08419	1.08419	0.0694167	0.765454	-1.30641	0.217781	1.18604	1.18604	0.29132	1.155	1.155	1.1924	0.327052	0.243804	1
cg23883128	DIRD2;DIRD2	0.407358	0.09062	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg25328625	NXPH3	0.407359	0.204558	0.660272	-1.51453	0.228183	0.675758	-1.48021	0.233363	0.63786	-1.56781	0.737613	0.837906	-1.19351	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg26139949	DGKD;DGKD	0.407363	0.856438	0.886566	-1.12795	0.168978	2.64944	2.64944	0.133927	2.92905	2.92905	0.890312	1.09608	1.09608	0.329662	0.512308	-1.95195	0.245348	0.445802	-2.24315	0.558778	0.674967	-1.48155	0.623765	0.719861	-1.38916	0.288027	2.08208	2.08208	1.19234	8.34726	6.22288	1
cg14005394	PDLIM5;PDLIM5;PDLIM5;PDLIM5;PDLIM5	0.407365	0.349771	0.864195	-1.15707	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg00475856	CDLN4;2	0.407367	0.628772	1.15707	1.15707	0.300007	0.725418	-1.37852	0.159629	0.637601	-1.56838	0.0931646	0.575154	-1.73867	0.881994	1.04549	1.04549	0.504159	0.816283	-1.22507	0.174426	1.54132	1.54132	0.92275	0.971371	-1.02947	0.734949	0.917518	-1.0899	1.19233	1.69362	1.2626	1
cg27286383	ZNF667;ZNF667	0.407376	0.985484	1.00465	-1.00465	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg26139949	CD99L2;CD99L2;CD99L2	0.407377	0.134814	0.269587	-3.70937	0.614725	1.51085	1.51085	0.803417	1.22483	1.22483	0.0885634	0.60728	0.60728	0.376598	2.09124	2.09124	0.229145	0.3584	-2.79018	0.652485	0.691718	-1.44568	0.992273	0.992157	-1.00791	0.951472	0.951719	-1.05073	1.19231	12.4845	9.30744	1
cg15133123	MED13L	0.407378	0.827351	0.89772	-1.11393	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg03309721	PLEKHJ1;PLEKHJ1;SF3A2	0.407381	0.799222	1.36095	1.36724	0.147283	1.21263	1.21263	0.10699	1.40044	1.40044	0.68797	1.1242	1.1242	0.226089	1.38341	1.38341	0.460633	0.82548	-1.21142	0.0878686	0.618186	-1.61764	0.394949	0.80055	-1.24914	0.999513	0.999844	1.00016	1.1923	2.1035	0.917774	1
cg08180134	CLCN2;CLCN2;CLCN2;CLCN2 MBNL1;MBNL1;MBNL1;MBNL1;MBNL1;	0.407385	0.757368	1.1533	1.1533	0.046728	2.85081	2.85081	0.061313	2.63788	2.63788	0.55756	1.31373	1.31373	0.745468	0.860834	-1.16166	0.548526	1.32221	1.32221	0.31121	1.61935	1.61935	0.523443	1.34648	1.34648	0.9289	1.04191	1.04191	1.19229	3.99679	2.97973	1
cg08162205	MBNL1;MBNL1	0.407387	0.302781	1.43401	1.43401	0.979759	1.0086	1.0086	0.707493	0.880477	-1.13575	0.538696	1.23393	1.23393	0.198125	1.60908	1.60908	0.234572	1.52312	1.52312	0.0486208	2.13964	2.13964	0.188915	1.60004	1.60004	0.332326	1.40176	1.40176	1.19229	2.15341	1.60543	1
cg12302119	NEGR1 CDC42SE1;CDC42SE1;CDC42SE1;MLLT3	0.40739	0.126078	0.25197	-3.96873	0.206218	0.329421	-3.03563	0.801641	0.810873	-1.23324	0.31364	0.419829	-2.38192	0.0620754	0.173863	-5.75165	0.240627	0.35947	-2.78188	0.194444	0.318801	-3.13676	0.244631	0.362885	-2.75569	0.287704	0.398794	-2.50756	1.19228	13.0972	9.76448	1
cg07367563	1.CDC42SE1	0.407406	0.165913	0.696625	-1.43549	0.803254	1.06298	1.0658	0.142464	0.537226	-1.86142	0.450015	1.35439	1.35439	0.630797	1.21026	1.21026	0.147353	1.84547	1.84547	0.207976	1.67634	1.67634	0.676526	1.17981	1.17981	0.362518	0.691538	-1.44605	1.19209	2.93232	2.1865	1
cg08788844	FSIP1	0.407423	0.118486	0.553439	-1.81541	0.136882	0.560636	-1.78435	0.0539744	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg04112624	CAMTA2;CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.407484	0.191313	1.97737	1.97737	0.342957	1.61844	1.61844	0.854488	0.914079	-1.094	0.936303	0.96122	-1.04035	0.868771	0.921804	-1.08483	0.690292	0.820886	-1.2182	0.0524936	2.96396	2.96396	0.276285	1.74728	1.74728	0.404545	0.656856	-1.5224	1.19208	4.58482	3.41874	1
cg27746021	COL18A1;COL18A1;COL18A1	0.407489	0.521784	1.12309	1.12309	0.176241	1.259282	1.259282	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg02508102	TMEM194A;TMEM194A	0.407494	0.050316	2.602794	-1.64665	0.887755	0.956564	-1.00345	0.304964	0.788626	-1.26803	0.63063	1.11438	1.11438	0.214539	1.34015	1.34015	0.762316	0.944433	-1.05903	0.655351	0.927039	-1.0787	0.90158	1.02804	1.02804	0.366831	1.23027	1.23027	1.19205	0.943372	0.703452	1
cg23907852	LOC100128977;IMP5	0.407498	0.711034	0.910444	-1.09837	0.114617	1.54133	1.54133	0.869222	1.04242	1.04242	0.624736	1.13235	1.13235	0.739897	0.919428	-1.08763	0.908566	0.971448	-1.02939	0.194889	0.707718	-1.41299	0.937659	0.980533	-1.01985	0.0759131	0.607726	-1.64548	1.19205	1.20018	0.894955	1
cg10966873	TMEM120B	0.407504	0.280916	1.28016	1.28016	0.0592323	0.997844	-1.00216	0.174789	1.26085	1.26085	0.0918857	0.844122	0.844122	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg14140088	MIR494	0.407507	0.432356	0.528555	-1.89195	0.0526212	0.77329	0.77329	0.124361	3.75847	3.75847	0.890597	0.896273	-1.11573	0.487848	0.570735	-1.75213	0.649202	1.43965	1.43965	0.719118	1.33292	1.33292	0.888117	1.11853	1.11853	0.580165	0.641093	-1.55984	1.19202	0.91357	0.81381	1
cg16677055	MAD1L1;MAD1L1;MAD1L1	0.407512	0.362536	0.848668	-1.18004	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg02331262	BANP;BANP	0.407512	0.448392	0.64474	-1.55101	0.229647	0.488669	-2.04638	0.280173	1.89222	1.89222	0.684919	1.2608	1.2608	0.0474565	0.275781	-3.62606	0.761942	1.18839	1.18839	0.584636	0.73082	-1.36833	0.617565	0.33106	1.33106	0.728137	0.820168	-1.21926	1.19201	0.09283	4.54344	1
cg24613921	C17orf50	0.407514	0.784654	0.945414	-1.05774	0.0704924	1.51325	1.51325	0.845936	1.00467	1.00467	0.436111	1.17682	1.17682	0.808695	1.05096	1.05096	0.299949	1.24624	1.24624	0.133245	1.39365	1.39365	0.178466	1.34039	1.34039	0.136671	1.38899	1.38899	1.19201	0.792826	0.591217	1
cg01542644	BTN2A1;BTN2A1;BTN2A1	0.407518	0.340413	0.775211	1.29051	0.0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
cg21860045	FMNL2	0.407526	0.672683	0.730035	-1.3698	0.0253703	0.139735	-7.15642	0.264246	0.422442	-2.36719	0.939066	1.05825	1.05825	0.218108	0.383149	-2.60995	0.400152	0.528473	-1.89224	0.473631	0.582934	-1.71546	0.650422	0.713314	-1.40191	0.710836	1.31753	1.31753	1.19198	10.3519	7.71967	1
cg20779429	MIR6124;SNAI3	0.407528	0.280916	1.28016	1.28016	0.0592323	0.997844	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df( )
gp10062539	CHP2	0.467868	0.136807	2.63546	0.263946	2.63546	0.097639	3.00161	0.592233	0.72116	-1.38666	0.30146	0.190492	1.90492	0.718748	1.24441	1.24441	0.443994	1.60641	1.60641	0.223809	0.461757	2.16564	0.751908	0.825511	-1.21137	0.798154	1.6076	1.19124	6.8971	5.14655	1
gp04875020	HK3	0.407871	0.351303	0.76157	-1.31547	0.67519	0.886492	-1.12804	0.182267	0.667172	-1.98886	0.64565	1.14152	1.14152	0.136039	0.631767	-1.58286	0.251221	1.40878	1.40878	0.203153	1.46822	1.46822	0.896268	1.03799	1.03799	0.890301	0.961316	-1.04024	1.19123	1.54197	1.15061	1
gp11111331	C9orf57	0.407873	?	?	?	0.946416	1.14118	1.14118	0.789802	1.69166	1.69166	0.528311	3.56465	3.56465	0.316202	8.01414	8.01414	0.10707	0.0255564	-39.1291	?	?	?	?	0.382435	0.167078	-5.98521	1.26313	47.247	31.1707	1
gp16496965	FRI32	0.407879	0.267134	-2.75424	-2.32551	0.649434	0.894445	-1.11935	0.976455	0.992832	-1.00722	0.0630906	0.000741	-1.66461	0.854034	0.956102	-1.04591	0.0586291	0.594101	-1.68345	0.132468	0.703231	-1.42482	-1.26067	0.691651	1.10205	1.10205	0.882526	0.964599	-1.03367	1.19122	1.12098	0.836476	1
gp13925623	KCNV1	0.407881	0.257224	0.840714	-1.18947	0.507677	0.906088	-1.10365	0.73655	0.951661	-1.05079	0.628439	0.930946	-1.07418	0.157921	0.801285	-1.248	0.794296	0.962384	-1.03909	0.946206	1.01107	1.01107	0.02256	0.669804	-1.49297	0.5747	0.920173	-1.08675	1.19121	0.406216	0.303121	1
gp13702181	GSTZ1;GSTZ1;GSTZ1	0.407884	0.229328	0.458831	-2.17945	0.0450893	0.241701	-1.43735	0.153851	0.380473	-2.56757	0.75712	1.21138	1.21138	0.22132	0.452803	2.21224	0.498426	0.654259	-1.52845	0.432916	0.630018	-1.6393	0.79957	1.17015	1.17015	0.86006	0.896741	-1.11515	1.1912	7.19641	5.37006	1
gp24110389	JAZF1	0.407886	0.866095	0.950845	-1.0517	0.352941	1.33038	1.33038	0.589198	0.84974	-1.17683	0.994987	1.00188	1.00188	0.341283	0.746118	-1.34027	0.517473	0.822023	-1.21651	0.0276734	0.459558	-2.17601	0.29832	0.724714	-1.37986	0.825204	0.936072	-1.06829	1.1912	1.68283	1.25575	1
gp02597703	KSP21	0.407902	0.935329	0.971396	-1.02945	0.329514	1.71939	1.71939	0.130388	1.06151	1.06151	0.746735	0.895391	-1.11919	0.812891	1.08599	1.08599	0.0554425	2.28516	2.28516	0.0994325	1.91839	1.91839	0.444497	1.31152	1.31152	0.559794	1.22775	1.22775	1.19116	2.28338	1.70994	1
gp18864358	PCSK9	0.407908	0.692354	0.862078	-1.15995	0.857025	0.935013	-1.0695	0.0555304	0.0555304	-2.45215	0.848937	1.05381	1.05381	0.157515	0.811332	-1.23254	0.395399	1.38378	1.38378	0.242402	1.62911	1.62911	0.459944	0.753201	-1.32415	0.808991	1.09459	1.09459	1.19115	2.62738	1.96067	1
gp22926842	CENPM;CENPM;CENPM	0.407918	0.250453	0.620728	-1.61101	0.633899	0.826533	-1.20987	0.522402	1.2936	1.2936	0.0506111	0.412915	-2.42181	0.593572	0.807433	-1.23849	0.363099	0.689934	-1.44941	0.364033	1.01807	1.01807	0.99532	0.997674	-1.00233	0.103407	0.492984	-2.02846	1.19113	2.97453	2.21977	1
gp10795666	MLNR	0.407924	0.198316	0.477226	6.47351	0.749902	0.421485	-2.37422	0.0274128	0.141428	6.54354	0.0547758	0.0139729	6.30929	0.0191846	5.70552	1.12845	0.631584	1.514983	1.514983	0.144997	1.56564	1.56564	0.0357498	2.68685	0.0606912	1.17432	1.17432	1.17432	1.19112	35.5956	26.5637	1
gp27234747	PTPN4	0.407925	0.926197	0.953717	-1.04875	0.942061	1.03805	1.03805	0.819769	0.889369	-1.12439	0.940645	1.43289	1.43289	0.306721	0.580635	-1.72225	0.89703	1.06878	1.06878	0.0565149	0.329833	-3.03184	0.270424	1.80313	1.80313	0.198919	0.497883	-2.0085	1.19111	4.97894	3.71563	1
gp23088831	FURIN	0.407926	0.218183	0.370707	-2.69688	0.434487	0.542922	-1.84188	0.906347	0.933622	-1.09455	0.865207	0.827798	-1.13898	0.0653996	0.209015	-4.82201	0.225147	0.374281	-2.67139	0.864623	0.837479	-1.19363	0.142842	0.299312	-3.341	0.110252	0.263636	-3.7931	1.19111	11.0671	8.25992	1
gp09939854	GRID1	0.407927	0.0739794	0.465909	-2.14634	0.272941	0.645573	-1.54901	0.479084	0.686166	-1.44971	0.841669	0.926159	-1.07973	0.650527	0.839525	-1.19115	0.710828	0.866903	?	-1.15353	0.144709	0.548368	-1.82359	0.104883	0.506765	-1.9733	0.197869	0.593336	-1.68539	1.19111	2.77496	2.07087	1
gp10341513	MAPKBP2;MAPKBP2	0.407932	0.586512	0.814929	-1.2271	0.166147	1.73368	1.73368	0.0344757	2.50674	2.50674	0.606478	0.823966	-1.21364	0.55315	1.25052	1.25052	0.646794	0.84204	-1.18759	0.576012	1.23434	1.23434	0.710535	1.14903	1.14903	0.905015	0.95649	-1.04549	1.1911	2.61961	1.95496	1
gp23636833	PTPN22;PTPN22;PTPN22	0.407938	0.1092	0.480706	-2.08028	0.573325	1.2655	1.2655	0.161884	0.954368	-1.04805	0.744764	-2.25435	0.0788613	0.0144045	0.644506	-1.55204	0.599221	0.750823	-1.33187	0.508617	0.695516	-1.43778	0.940736	1.04108	1.04108	0.245106	0.517707	-1.93159	1.19105	5.53099	4.12781	1
gp20397034	MKLN1;FLJ43663	0.407954	0.163789	1.2665	1.2665	0.637842	0.927386	-1.0783	0.661921	1.07246	1.07246	0.864314	1.02757	1.02757	0.124044	1.30319	1.30319	0.243256	1.21426	1.21426	0.146587	0.780563	-1.28113	0.78875	0.958201	-1.04362	0.915499	0.983266	-1.01702	1.19105	0.476865	0.355888	1
gp12886494	ARPP-21;ARPP-21;ARPP-21	0.407963	0.234398	0.49272	-2.0306	0.534482	0.778618	-1.2434	0.147808	1.71934	1.71934	0.672669	1.24854	1.24854	0.359106	0.587425	1.27024	0.293707	0.543552	-1.83956	0.301136	2.1308	2.1308	0.244277	0.898337	-1.11317	0.9003	0.94089	-1.06214	1.19103	5.91019	4.41089	1
gp26841507	C2;SMARCC2;SMARCC2	0.407969	0.681265	1.08983	1.08983	0.348374	0.817833	-1.22274	0.268968	1.271	1.271	0.310734	1.24417	1.24417	0.393882	1.1995	1.1995	0.861661	0.964321	-1.037	0.274721	0.788003	-1.26742	0.0902719	1.47526	1.47526	0.369352	1.21171	1.21171	1.19102	0.818392	0.610788	1
gp10710457	PFKP	0.407997	0.822237	1.2267	1.2267	0.0367418	0.05438	0.05438	0.105347	4.98607	4.98607	0.654415	1.50549	1.50549	0.46682	0.510511	-1.95882	0.644019	1.52578	1.52578	0.9087	1.10978	1.10978	0.722062	0.723029	-1.38307	0.804684	1.25229	1.25229	1.19102	15.552	11.6069	1
gp20653375	FANP1	0.407972	0.344944	0.781287	-1.27994	0.175127	0.693585	-1.44178	0.508267	0.843427	-1.18726	1.18729	1.18729	0.428654	0.314634	-1.12755	0.642202	0.464224	0.827778	-1.20805	0.0547567	0.581781	-1.71886	0.843855	1.03762	1.03762	0.393125	1.24975	1.24975	1.19101	1.21434	0.906298	1
gp20492794	ARX12;AKR1C2;AKR1C2	0.407976	0.69462	0.80967	1.09963	0.691235	0.903603	-1.10753	0.287763	0.807338	1.30321	0.205687	0.729804	1.37044	0.0477307	0.744944	0.550059	0.434515	0.715767	-1.3971	0.708453	0.798443	1.25193	0.0524477	3.9076	3.9076	0.858324	0.968221	-1.03282	1.1911	7.20556	5.18509	1
gp17494863	TBC1D8	0.407998	0.588988	0.641771	-1.55819	0.90212	0.904804	-1.10521	0.820149	1.2034	1.2034	0.45853	1.84728	1.84728	0.0866127	0.214608	-4.65966	0.106536	0.238618	-4.1908	0.378034	0.479316	-2.08631	0.985569	1.01481	1.01481	0.141809	0.276842	-3.61217	1.19099	12.4698	9.30674	1
gp25537015	SLC27A1	0.408005	0.451843	0.972456	-1.02803	0.656824	0.82457	-1.21268	0.0875557	0.0875557	1.32484	0.0875557	0.0875557	1.32484	0.0875557	1.32484	1.32484	0.324582	1.53446	1.53446	0.402958	1.33723	1.33723	0.0875557	1.32484	0.0875557	1.32484	0.0875557	1.32484	1.41414	0.371791	1.47103	1.47103	3.3416	2.49403	1
gp03765147	FLOT1	0.407996	0.363306	0.76549	-1.32189	0.514331	0.819611	-1.22009	0.0593071	1.88878	1.88878	0.308729	0.991882	-1.00818	0.562188	0.839424	1.19129	0.260038	1.90264	1.90264	0.059493	3.20463	3.20463	0.102341	2.66125	2.66125	0.289805	1.82493	1.82493	1.19095	5.65418	4.22011	1
gp03191565	KFTN	0.407997	0.870729	0.94277	-1.06077	0.53107	0.727863	-1.2363	0.13183	1.34063	1.34063	0.0875557	1.32484	1.32484	0.0875557	1.32484	1.32484	0.691823	1.15508	1.15508	0.720993	1.38302	1.38302	0.0875557	1.32484	0.0875557	1.32484	0.0875557	1.32484	-1.11856	0.0505573	1.44519	1.44519	2.64277	1.84338	1
gp08493879	GALNT11;GALNT11	0.408011	0.341712	0.823663	-1.21557	0.035676	0.614381	-1.62765	0.841379	0.96086	-1.04073	0.941371	1.02162	1.02162	0.32922	1.22219	1.22219	0.252999	0.788286	-1.26858	0.822262	1.04585	1.04585	0.740153	1.06857	1.06857	0.954651	1.0114	1.0114	1.19092	0.748865	0.558942	1
gp08212107	FIZ1;FIZ1	0.408013	0.0756779	1.37932	1.79404	0.0102687	0.154607	-1.54407	0.136727	1.60622	1.60622	0.0875557	1.32484	1.32484	0.0875557	1.32484	1.32484	0.637659	1.56744	1.56744	0.349075	2.34962	2.34962	0.0875557	1.32484	0.0875557	1.32484	0.0875557	1.32484	1.41414	0.371791	1.47103	1.47103	3.3416	2.49403	1
gp08133436	SDCCAG8;AKT3	0.408014	0.102124	0.458954	-2.17887	0.56048	1.29206	1.29206	0.98417	0.991401	-1.00867	0.514216	0.749802	-1.33369	0.0617336	0.400141	-2.49912	0.74865	1.869407	-1.15021	0.916318	0.955278	-1.04682	0.360101	1.50619	1.50619	0.421781	1.699613	-1.42936	1.19092	3.57418	2.66773	1
gp03534504	STK10	0.408016	0.162637	0.220067	-4.54406	0.71639	1.44851	1.44851	0.486098	2.05191	2.05191	0.608649	0.59187	-1.68956	0.243561	0.289615	-3.45286	0.160669	0.218296	-4.58093	0.140529	0.915894	-1.09255	0.50366	0.160429	0.21808	-4.58547	0.465118	0.470014	-2.1276	1.19091	19.4546	14.5208	1
gp03790535	NPR3;NPR3	0.408026	0.780188	0.919758	-1.08703	0.59388	0.794503	-1.25845	0.0875557	0.0875557	1.32484	0.0875557	0.0875557	1.32484	0.0875557	1.32484	1.32484	0.350059	0.818312	0.855925	1.11887	1.11887	0.140814	0.375621	2.66005	2.66005	0.0875557	1.32484	0.0875557	1.32484	1.41414	0.371791	1.47103	1.47103	3.3416	2.49403	1
gp08783934	PSD3;PSD3	0.408022	0.390354	1.17253	1.17253	0.292631	0.820835	-1.21827	0.68676	1.07606	1.07606	0.201955	0.783766	-1.27589	0.765726	1.05552	1.05552	0.219219	1.2632	1.2632	0.319178	1.20462	1.20462	0.234953	0.798425	-1.25247	0.39136	0.853156	-1.17212	1.1909	0.616784	0.460367	1
gp07712692	RIS7	0.408025	0.715755	0.858154	-1.16545	0.775736	0.845243	-1.18328	0.386251	1.54483	1.54483	0.122565	0.665557	-1.5025	0.227929	0.756738	-1.32106	0.472168	0.8622	-1.1596	0.421509	0.68208	-1.46617	0.0747231	0.220209	0.220209	0.0747231	0.10047	0.140952	0.10047	0.140952	0.220209	0.220209	0.0747231	0.10047	0.140952	1.19089	0.0747231	0.10047	0.140952	1.19089	0.0747231	0.10047	0.140952	1.19089

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1217 vs. 1247 vs. N)	F(Error)
cg20408747	AMHR2;AMHR2;AMHR2	0.40845	0.177571	0.18252	-2.61434	0.879133	1.10745	1.10745	0.165535	0.370865	-2.60864	0.34923	0.522992	-1.90842	0.0598959	0.24081	-4.15264	0.294594	0.482376	-2.07307	0.50636	0.636237	-1.57574	0.123722	0.3288	-3.05915	0.585712	0.691339	-1.44647	1.18997	0.47694	6.33215	1
cg22166144	SKI	0.40845	0.14365	0.184445	-5.42168	0.269303	3.44956	3.44956	0.674987	1.57413	1.57413	0.745482	1.41964	1.41964	0.0780104	0.121633	-8.22148	0.848884	1.2278	1.2278	0.698783	0.65814	-1.51943	0.349714	0.355007	-2.81684	0.38931	0.387083	-2.58343	1.18996	21.8132	16.2942	1
cg00025591	S100B	0.40845	0.524084	0.570182	-1.75383	0.130428	0.241384	-4.14278	0.0656969	0.165753	-6.03308	0.856354	1.17079	1.17079	0.199642	0.307545	-3.25156	0.534722	0.578626	-1.72823	0.667777	0.686789	-1.45605	0.362943	0.25612	2.25612	0.853207	1.17489	1.17489	1.18995	14.2706	10.6601	1
cg17578755	TOLLIP	0.40845	0.615796	1.50215	1.50215	0.0147214	6.60578	6.60578	0.111263	4.03546	4.03546	0.170093	3.23843	3.23843	0.806956	0.821288	-1.2176	0.393804	2.01848	2.01848	0.420538	1.93826	1.93826	0.405637	1.98222	1.98222	0.735976	1.3128	1.3128	1.18994	12.1883	9.10472	1
cg08104563	PPIL1	0.40846	0.341819	3.12563	3.12563	0.139725	6.71464	6.71464	0.114212	7.96019	7.96019	0.56172	0.514557	-1.94342	7	7	7	0.631391	0.574543	-1.74051	0.476888	2.30291	7	7	7	0.949333	0.930064	-1.0752	1.27413	18.7463	10.5093	1
cg00517072	SEC22B	0.40846	0.07238099	0.753505	-1.32713	0.226171	0.835774	-1.1965	0.494865	0.906793	-1.10279	0.844008	0.972534	-1.0282	0.296898	0.815849	-1.16493	0.644102	0.936442	-1.06787	0.864503	1.0244	1.0244	1.0244	0.337425	1.14982	1.14982	0.295731	1.16539	1.16539	1.18994	0.375535	0.280526	1
cg07091758	PKD1L2;PKD1L2	0.40847	0.206766	0.415664	-2.40579	0.92661	1.06262	1.06262	0.383407	0.554725	-1.8027	0.866207	1.11759	1.11759	0.104413	0.310276	-3.22294	0.354648	0.53376	-1.8735	0.1874	0.398048	-2.51226	0.107752	0.314378	-3.18088	0.165933	0.377543	-2.6487	1.18992	8.19176	6.11935	1
cg13793145	SLC29A1;SLC29A1	0.40848	0.769262	0.811826	-1.23179	0.824111	0.854055	1.17089	0.134346	0.421072	-2.37489	0.876094	1.11561	1.11561	0.28535	0.455463	-2.19557	0.039914	5.41873	5.41873	0.08701	1.33919	1.33919	0.728141	1.28058	1.28058	0.622539	1.4214	1.4214	1.18989	9.46551	7.07109	1
cg27636612	HGFAC	0.40849	0.167614	0.460094	2.1501	0.329045	1.68751	1.68751	0.951305	1.0323	1.0323	0.279119	0.923907	-1.08236	0.0907433	0.379125	-2.63766	0.572376	0.743106	-1.3457	0.797301	0.874627	-1.14334	0.392378	0.488454	-2.04728	0.168258	0.465704	-2.14729	1.18987	5.14079	3.81351	1
cg06152070	CSD3;MLLT6	0.40849	0.427517	0.795805	-1.25659	0.115139	1.62089	1.62089	0.351607	1.33033	1.33033	0.660883	1.13254	1.13254	0.219712	0.69499	-1.43887	0.737272	0.90944	-1.09958	0.974488	1.00906	1.00906	0.314052	0.745611	-1.34118	0.224296	0.697742	-1.4332	1.18987	1.498	1.11908	1
cg13975797	AGRN	0.40849	0.752729	0.691825	-1.44543	0.149456	0.61169	-1.63503	0.208899	4.4645	4.4645	0.784083	1.25998	1.25998	0.0182963	0.15198	-6.57822	0.384865	0.66476	-1.50426	0.313604	1.20455	1.20455	0.557272	1.09826	1.09826	0.113265	1.142077	1.142077	1.18984	24.1585	18.0476	1
cg00326011	LOC100132078	0.40851	0.787137	1.08754	1.08754	0.985909	0.570293	-1.75348	0.313256	0.381181	2.62153	0.735435	0.730471	-1.36898	0.879782	0.168721	1.08721	0.853455	0.944281	-1.05901	0.162691	1.58739	1.58739	0.629301	0.70034	-1.42788	0.878925	0.953835	-1.0484	1.18986	1.81164	1.3534	1
cg25413575	TBC1D	0.40852	0.419932	1.53462	1.53462	0.149851	2.17674	2.17674	0.134482	2.25474	2.25474	0.935569	0.959962	-1.04172	0.252696	0.618235	1.82725	0.134615	2.25412	2.25412	0.0890556	2.56685	2.56685	0.599032	1.30646	1.30646	0.878619	0.925894	-1.08004	1.18984	4.78327	3.5734	1
cg00044372	KIAA0513	0.40853	0.827527	0.841883	-1.18781	0.0259537	8.04544	8.04544	0.166119	1.61617	1.61617	0.67876	0.719995	-1.3889	0.771452	0.12828	1.25828	0.733915	1.30883	1.30883	0.48224	0.551115	-1.8145	0.464727	1.79844	1.79844	0.441754	0.538632	1.85656	1.18979	11.7244	8.75931	1
cg14413700	FAM158A	0.40853	0.772124	0.874082	-1.14406	0.599271	0.782126	-1.27857	0.150499	2.51878	2.51878	0.151538	2.03843	2.03843	0.198424	1.00792	1.00792	0.635151	0.801280	-1.24799	0.311954	0.615823	-1.62384	0.233853	0.564324	-1.77203	0.401717	1.48852	1.48852	1.18978	4.04767	3.02403	1
cg01449091	GH2;GH2;GH2;GH2	0.40853	0.089344	0.446662	-4.36177	0.439555	0.543288	1.84064	0.229243	0.738373	-1.35437	0.963703	0.983501	-1.01729	0.844008	0.972534	-1.02782	0.503007	0.598457	-1.67131	0.11868	0.260482	-3.71082	0.117946	0.260672	-3.72201	0.24171	0.387385	-2.58141	1.18978	0.375535	0.280526	1
cg05298252	CCDC62;CCDC62;CCDC62	0.40854	0.468549	0.168587	0.360492	-2.77398	0.123388	0.313266	-3.19218	0.275326	0.454167	-2.20183	0.328003	0.495498	-2.01817	0.197118	0.387394	-2.58135	0.245321	0.429496	-2.32831	0.0819864	0.261772	-3.82013	0.224188	0.41147	-2.43031	0.950825	0.958014	-1.04383	1.18975	9.11407	6.80932	1
cg23997168	MAD1L1;MAD1L1;MAD1L1	0.40855	0.198746	0.412784	-2.42372	0.556272	0.680908	-1.46863	0.429761	0.591461	-1.69073	0.594043	0.704332	-1.41979	0.0600868	0.253079	-3.95281	0.328173	0.538091	-1.85822	0.197163	0.683403	-1.46351	0.0983	0.583609	-2.60582	0.56128	0.681901	-1.46649	1.18974	7.99801	5.97622	1
cg08110076	CDH13	0.40862	0.964701	1.037	1.00708	0.30694	1.18368	1.18368	0.142164	1.28603	1.28603	0.78241	0.972713	-1.0271	0.328443	1.29551	1.29551	0.476688	1.12228	1.12228	0.0885511	1.34925	1.34925	0.834343	0.967163	-1.03395	0.48277	0.802503	-1.12044	1.18972	0.489739	0.357834	1
cg08404509	RFWD3	0.40852	0.900465	0.980569	-1.01982	0.419305	1.13815	1.13815	0.0904968	1.33977	1.33977	0.629614	0.926627	-1.07918	0.364477	1.15735	1.15735	0.416765	0.877968	-1.13899	0.398776	1.14508	1.14508	0.517462	0.902209	-1.10839	0.120987	1.30172	1.30172	1.1897	0.46336	0.3462	1
cg18923358	CCDC808	0.40852	0.359847	0.726121	1.37748	0.27766	0.718116	-1.12143	0.622869	0.844915	-1.18355	0.564675	0.816158	-1.22505	0.288831	0.544227	-1.84007	0.329884	0.67406	-1.48351	0.311793	0.425062	-2.3526	0.242574	0.650987	-1.51557	0.117649	0.561193	-1.78192	1.18968	2.17754	1.62408	1
cg00729875	PALMD;PALMD	0.40853	0.450366	1.42921	1.42921	0.178951	1.94051	1.94051	0.940503	1.03527	1.03527	0.136391	2.10667	2.10667	0.452095	0.700577	-1.42719	0.681395	0.825569	-1.21129	0.168762	0.506177	-1.97956	0.150185	0.733319	-1.36366	0.452482	1.42674	1.18961	1.06212	3.03525	1
cg26708100	HOXD10	0.40856	0.974413	1.01728	1.01728	0.340712	1.69351	1.69351	0.629421	1.29691	1.29691	0.924569	1.05188	1.05188	0.301561	1.77671	1.77671	0.506	0.696833	-1.43506	0.374491	1.63035	1.63035	0.118739	0.400105	-2.49934	0.150384	0.435082	-2.29842	1.21293	5.36419	3.43972	1
cg22509384	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CAC NA1G;CACNA1G;CACNA1G;CACNA1G	0.40852	0.231646	0.240002	-4.16663	0.567012	0.517769	-1.93136	0.435471	0.404502	-2.47218	0.260844	0.263423	-3.79617	0.0497845	0.0784318	-12.7499	0.194175	0.209609	-4.77078	0.235417	0.243036	-4.11461	0.127143	0.153099	-6.53173	0.29351	0.289521	-3.45398	1.18959	24.3795	18.2169	1
cg06869505	TMEM51;TMEM51;TMEM51;TMEM51	0.40826	0.109291	0.6383	-1.56666	0.71816	0.911023	-1.09767	0.737797	1.09025	1.09025	0.515648	0.844108	-1.18468	0.747631	1.08655	1.08655	0.387342	0.796272	-1.25585	0.846729	0.951463	-1.05101	0.0691367	1.68084	1.68084	0.59788	1.14666	1.14666	1.18958	1.24543	0.930622	1
cg23195763	HLA-DPA1	0.40826	0.23532	2.31627	2.31627	0.907318	1.08183	1.08183	0.152131	0.354874	-2.8179	0.519052	0.64311	-1.55494	0.0510944	0.223063	-4.48304	0.760887	0.813734	-1.2289	0.912788	1.07679	1.07679	0.900621	1.08803	1.08803	0.506801	0.634552	-1.57592	1.18958	8.59218	6.42034	1
cg24044957	ANO1;ANO1	0.40827	0.602778	0.904383	1.10127	0.495551	0.758145	-1.31958	0.0818479	0.708738	-1.41097	0.0370908	0.754647	-1.32582	0.0407048	0.754647	-1.32582	0.144824	1.34803	1.34803	0.0875909	1.74324	1.74324	0.857883	-1.16299	0.669194	1.09198	1.09198	0.957764	0.808	0.693257	1	
cg00326011	DCAF17;METTL8;METTL8;DCAF17;DCA F17;DCAF17;METTL8;METTL8;DCAF17;DCA F17	0.40833	0.119096	0.56821	1.56821	0.643335	1.13205	1.13205	0.240267	1.24123	1.24123	0.248203	1.34687	1.34687	0.581441	1.19027	1.19027	0.928917	1.02402	1.02402	0.988542	1.00383	1.00383	0.293666	0.748459	-1.33608	0.129312	0.646655	-1.54642	1.18957	3.32397	0.996045	1
cg16310774	M23;CSorf44;TRIM23	0.40841	0.794757	1.0518	1.0518	0.190047	0.764256	-1.30846	0.516734	1.13581	1.13581	0.177198	1.32027	1.32027	0.482077	1.14844	1.14844	0.815428	0.955715	-1.04634	0.0833003	0.689739	-1.44974	0.545153	0.888146	-1.12594	0.930459	1.01705	1.01705	1.18955	0.706053	0.528268	1
cg18661293	RBM26	0.40843	0.250568	0.748342	-1.33629	0.728018	1.09169	1.09169	0.0902611	0.971386	-1.02946	0.260985	0.749188	-1.33478	0.31609	0.774677	-1.29086	0.0232587	0.59471	-1.68167	0.0133	0.31609	-3.16239	0.0774	0.0232	1.03212	0.896225	0.968308	-1.03273	1.18955	1.14305	0.854142	1
cg27661600	ITGA7;ITGA7;ITGA7	0.40846	0.330584	1.30202	1.30202	0.292966	1.33215	1.33215	0.257209	1.36458	1.36458	0.525679	1.18418	1.18418	0.614618	0.875063	-1.14278	0.374799	0.787045	-1.27058	0.251647	0.729912	-1.37003	0.728494	1.09594	1.09594	0.109782	1.58135	1.58135	1.18954	1.30194	0.972883	1
cg12887701	JMJD1C;JMJD1C;JMJD1C	0.40846	0.212437	1.27466	1.27466	0.277407	0.729316	-1.37095	0.0882985	0.662991	-1.50843	0.148351	0.971269	-1.03015	0.882611	0.768227	-1.30172	0.159944	1.62616	1.62616	0.0273	1.31861	1.31861	0.597294	1.02754	1.02754	0.874954	1.02734	1.02734	1.18954	1.42886	0.967285	1
cg13518385	SAMD4A	0.40856	0.200215	0.637435	-1.56879	0.102857	0.552184	-1.81099	0.514003	0.671142	-1.49	0.252764	0.671977	-1.48815	0.0661162	0.50358	-1.98574	0.481677	0.788205	-1.26871	0.179949	0.622559	-1.60627	0.26485	0.67928	-1.47215	0.606285	0.84113	-1.18888	1.18952	2.06839	1.55909	1
cg05418877	DUSP4;DUSP4	0.40859	0.714616	1.14831	1.14831	0.957059	0.979928	-1.02048	0.794836	0.90653	-1.10311	0.0506959	2.31269	2.31269	0.460915	1.32667	1.32667	0.985876	0.993156	-1.00669	0.190707	0.559473	-1.685	0.311303	1.48358	1.48358	0.316591	1.4768	1.4768	1.18951	2.6714	1.99626	1
cg04488674	XPNPEP1;ST13	0.40859	0.197627	0.400703	2.49437	0.0259537	1.16543	1.16543	0.0727	0.831801	0.831801	0.0911	0.54998	-1.81801	0.456936	0.0963	-10.3783	0.557846	0.54998	-1.81802	0.456936	0.0963	-10.3783	0.0963	0.557846	0.54998	-1.81802	0.456936	1.44381	1.44381	1.18951	1.50779	1.12524	0.820757	1.04746	1.14951	1.50779	1.12524	0.820757	1.04746	1.14951	1.18951	0.786635	0.587831	1
cg25028639	SBF2	0.40861	0.243239	0.530288	-1.88577	0.149557	2.2954	2.2954	0.484232	1.4467	1.4467	0.31061	0.579943	-1.72431	0.224405	0.514993	-1.94177	0.546654	0.728408	-1.37286	0.601129	0.76032	-1.31524	0.665379	1.25346	1.25346	0.214523	0.507213	-1.97156	1.18951	5.08411	3.79923	1
cg06228453	MORC4;MORC4	0.40868	0.07092822	0.239004	-4.18296	0.631557	0.606634	-1.5137	0.7	0.922193	-1.08403	0.0911	0.922193	-1.08403	0.0911	0.922193	-1.08403	0.0911

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1111 vs. N)	Fold-Change(1 vs.1111)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	Ratio(1221 vs. N)	Fold-Change(1 vs.1221)	Ratio(1231 vs. N)	Fold-Change(1 vs.1231)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg01341891	ZZZ3 TRMT2B;TRMT2B;TRMT2B;TRMT2B;TR	0.409164	0.357882	2.795346	2.793946	0.594043	0.537385	-1.79409	0.455164	2.28004	2.28004	0.880407	0.826007	-1.22004	0.508128	0.482186	-2.07389	0.0266006	0.0575379	-17.3799	0.984263	0.978798	-1.02166	0.842542	0.805662	-1.24122	0.73004	1.45698	1.18841	22.2189	16.6189	1
cg13745036	MT2B;TRMT2B;TRMT2B;TRMT2B;TRMT2B	0.40917	0.250951	0.458046	-2.18276	0.0327664	0.194961	1.12824	0.313375	0.505339	-1.97887	0.404842	0.95258	-1.04079	0.350948	0.533456	-1.87457	0.149477	0.36163	-2.75005	0.659362	0.747997	-1.3369	0.726455	0.794612	-1.35848	0.794357	1.18647	1.1884	8.06396	6.03161	1
cg05780637	HDAC4	0.409174	0.257332	1.43389	1.41389	0.173689	0.528163	1.52828	0.107289	1.67368	1.67368	0.104202	0.58276	1.68276	0.239925	1.434007	1.434007	0.25719	1.41405	1.41405	0.135547	1.6021	1.6021	0.262896	1.40754	1.40754	0.419185	1.273558	1.273558	1.18839	1.615611	1.20844	1
cg02951674	LARP7;LARP7;C4orf21	0.409175	0.785416	0.936111	-1.06825	0.452188	0.120356	1.203356	0.203186	1.38602	1.38602	0.152855	0.690478	-1.44827	0.869306	1.04064	1.04064	0.908796	1.02811	1.02811	0.884625	0.965373	-1.03587	0.0925251	0.638999	-1.56495	0.399294	1.23213	1.23213	1.18839	1.10148	0.823885	1
cg01928078	IL10RB	0.409175	0.626008	0.604252	-1.65494	0.443354	0.448758	-2.22837	0.0408899	0.0888824	-11.2508	0.25628	3.37169	0.301196	0.3332255	0.300034	1	0.752576	0.722977	-1.38317	0.951618	0.939661	-1.06421	0.467736	0.23372	2.133372	0.022147	0.004599	-1.10546	1.18839	10.8808	14.8106	1
cg03532114	COMMD1	0.409178	0.441117	0.898875	-1.1125	0.146802	1.23534	1.23534	0.155649	1.22898	1.22898	0.254555	1.17522	1.17522	0.0770614	1.30579	1.30579	0.566618	1.08179	1.08179	0.483692	1.10142	1.10142	0.437313	1.11353	1.11353	0.339031	1.1431	1.1431	1.18838	0.346682	0.259312	1
cg08765940	KSFP98	0.409180	0.810332	0.941834	-1.06376	0.745588	0.920946	-1.08594	0.657368	0.894781	-1.11739	0.80232	0.766401	-1.30479	0.503556	0.843469	-1.18558	0.785774	1.07018	1.07018	0.703426	1.936831	1.936831	0.151452	1.28335	1.28335	0.819128	0.94457	-1.05868	1.18836	1.16665	0.872653	1
cg08429416	ST13;XPNPEP3	0.409188	0.342788	1.18437	1.18437	0.306457	1.20118	1.20118	0.396383	1.16225	1.16225	0.064537	0.698028	-1.43261	0.516095	1.12181	1.12181	0.63826	0.92129	-1.08543	0.670158	0.928509	-1.077	0.332088	0.837314	-1.1943	0.935441	1.01412	1.01412	1.18836	1.564101	0.421945	1
cg06773963	SPSB1	0.409192	0.258563	1.29809	1.29809	0.579375	1.13321	1.13321	0.365928	1.22825	1.22825	0.338183	1.24423	1.24423	0.173638	0.725864	-1.37767	0.170648	0.724031	-1.38116	0.675356	1.09771	1.09771	0.473427	0.850972	-1.17513	0.429829	1.19526	1.19526	1.18835	0.921909	0.689589	1
cg05435636	BCL6CR	0.409195	0.799572	0.860141	-1.16227	0.105515	2.0097	2.0097	0.0125261	2.171249	2.171249	0.211586	2.211586	0.0132869	0.0132869	2.211586	2.211586	0.555475	1.31153	1.31153	0.286608	1.65404	1.65404	0.0190687	0.858885	1.16702	0.838869	0.911566	1.09701	1.18835	3.892311	2.91147	1
cg04098780	ATL1;ATL1;ATL1	0.409197	0.245003	0.713688	-1.40117	0.288988	0.737404	-1.35611	0.636246	1.14127	1.14127	0.699241	0.897914	-1.11369	0.157715	0.653115	-1.53112	0.164369	0.662644	-1.50911	0.295726	1.35087	1.35087	0.207565	0.691697	-1.44572	0.412152	0.792485	-1.26185	1.18834	1.44796	1.08308	1
cg04914721	MEGF3;MEGF3	0.409203	0.734192	0.905106	-1.04595	0.626409	1.06274	1.06274	0.0005614	1.070647	1.070647	0.118654	1.08564	1.08564	0.418686	1.124977	1.124977	0.525428	0.925769	-1.08018	0.273552	1.16191	1.16191	0.0468074	0.743283	-1.34537	0.378639	0.928377	-1.07668	0.432394	1.11134	1.11134	0.38233	0.326446	0.244187	1
cg15002187	SLC37A3;SLC37A3	0.409206	0.114572	0.622106	-1.60744	0.807667	1.06978	1.06978	0.247131	1.3975	1.3975	0.435648	0.709118	-1.4102	0.922032	0.973287	-1.02745	0.49578	0.8259	-1.2108	0.148552	0.65145	-1.53504	0.456002	0.18365	1.23365	0.591259	0.860768	-1.16175	1.18832	1.43959	1.07685	1
cg14638384	MAD1L1;MAD1L1;MAD1L1	0.409207	0.468996	0.786339	-1.27172	0.133183	0.589459	-1.69647	0.816415	0.926933	-1.07883	0.740094	1.11475	1.11475	0.293725	0.432324	-2.31308	0.923053	0.968971	-1.03202	0.847605	1.06478	1.06478	0.727582	1.12086	1.12086	0.606835	0.844209	-1.18454	1.18832	2.003411	1.4986	1
cg18985801	BHLHE40	0.409221	0.133137	0.788259	-1.26862	0.818051	1.03409	1.03409	0.573229	0.920273	-1.08663	0.286071	1.17553	1.17553	0.509922	1.390851	1.390851	0.211105	1.21207	1.21207	0.903082	1.01794	1.01794	0.775379	1.04265	1.04265	0.594106	1.08168	1.08168	1.18829	0.840102	0.629988	1
cg23515649	PRKAG2;PRKAG2	0.409227	0.134672	0.33958	-2.94481	0.500085	0.632304	-1.58152	0.87963	1.10681	1.10681	0.482272	0.619875	-1.61323	0.0755182	0.265825	-3.76188	0.449032	0.596539	-1.67634	0.0731767	0.259633	-3.85159	0.300685	0.487655	-2.05063	0.363012	0.533228	-1.87537	1.18828	8.43927	6.31299	1
cg10130818	LOC728855	0.409236	0.941536	0.94224	-1.06013	0.954531	0.964571	-1.03673	0.433022	0.525627	-1.90249	0.0160271	0.0915104	-10.9277	0.665531	1.42305	1.42305	0.939864	1.06112	1.06112	0.824946	1.19686	1.19686	0.198234	0.981102	-1.01926	0.959605	1.04619	1.04619	1.18826	1.12835	0.26359	1
cg01226036	KIT37	0.409247	0.626577	0.687095	-1.45544	0.137438	1.291804	-1.42695	0.153997	0.290284	-3.4449	0.0382492	0.25243	-3.96245	0.140036	0.295808	-3.3955	0.698597	0.741135	-1.34928	0.242058	0.388043	-2.57703	0.752838	1.27535	1.27535	0.95164	0.954379	-1.0478	1.18823	1.15	0.834482	1
cg06987132	GAUN79	0.409268	0.385686	0.447175	-2.23626	0.949044	1.05954	1.05954	0.955928	0.951216	-1.05129	0.382639	0.44475	-2.24845	0.0564657	0.14166	-7.05915	0.230793	0.320581	-3.11934	0.10225	0.198224	-5.0448	0.604433	0.623166	-1.60471	0.162765	0.25964	-3.85148	1.18819	15.4117	11.5296	1
cg14103576	ITPK1;ITPK1;ITPK1	0.409269	0.819157	0.938771	-1.06531	0.970274	2.7237	2.7237	0.163884	2.14883	2.14883	0.158051	2.1756	2.1756	0.0397472	2.13888	2.13888	0.352264	0.610848	-1.63707	0.895739	0.93472	-1.06994	0.821681	1.12569	1.05159	0.926889	0.953842	-1.04839	1.18818	4.988917	3.73243	1
cg08986416	DMXL2;DMXL2	0.409269	0.554367	0.891077	-1.12224	0.122914	1.3803	1.3803	0.358984	1.19947	1.19947	0.742077	0.938301	-1.06576	0.973921	1.00632	1.00632	0.374856	0.838921	-1.19201	0.29763	0.812039	-1.23148	0.209086	0.77467	-1.29087	0.299368	1.23048	1.23048	1.18818	0.699756	0.523493	1
cg13569576	ERMP1	0.409277	0.691905	1.14004	1.14004	0.165542	0.823397	1.21448	0.525265	1.5431	1.5431	0.142093	1.30099	1.30099	0.0937068	1.277504	1.277504	0.731302	1.07362	1.07362	0.666273	0.744285	-1.34349	0.0778451	0.582868	-1.7153	0.626706	0.803554	-1.24447	1.18817	1.3469	2.881312	1
cg05617973	FTL	0.409279	0.204779	0.679901	-1.4708	0.228192	1.44008	1.44008	0.615978	0.864318	-1.15698	0.316327	1.34812	1.34812	0.36316	0.763776	1.30929	0.871223	1.04789	1.04789	0.0815978	0.57319	-1.74462	0.801692	0.930005	-1.07526	0.86654	0.952659	-1.04969	1.18816	1.56455	1.17047	1
cg27444383	YTHDF2	0.409285	0.156435	0.811532	-1.23224	0.455695	1.110134	1.110134	0.529104	1.09181	1.09181	0.870142	0.977714	-1.02279	0.360553	1.13824	1.13824	0.743802	1.04621	1.04621	0.525341	0.957151	-1.09271	0.128433	1.25405	1.25405	0.155558	1.23286	1.23286	1.18815	0.357104	0.26716	1
cg10539022	ESPNL	0.409289	0.445302	0.79627	-1.25708	0.418806	0.863663	1.04786	0.732586	1.07506	1.07506	0.713396	0.922679	-1.0838	0.303675	1.36315	1.36315	0.665014	1.11857	1.11857	0.705466	1.14574	1.14574	0.0988	0.743147	1.35537	0.245764	1.42582	1.42582	1.18814	1.60688	1.20216	1
cg25372296	TSPAN18;TSPAN18	0.409292	0.139028	0.295497	-3.38413	0.572963	0.646569	-1.54662	0.6712	1.38667	1.38667	0.218008	0.37081	-2.6968	0.24652	0.395432	-2.52888	0.172297	0.328835	-3.04104	0.181309	0.337409	-2.96376	0.113939	0.268048	-3.73068	0.27454	0.418782	-2.38788	1.18813	11.0294	8.25154	1
cg04857881	ITIG1	0.409298	0.093358	0.583046	-1.61093	0.735444	0.818332	-1.19284	0.233502	0.525627	-1.90249	0.0160271	0.0915104	-10.9277	0.665531	1.42305	1.42305	0.939864	1.06112	1.06112	0.824946	1.19686	1.19686	0.198234	0.981102	-1.01926	0.959605	1.04619	1.04619	1.18826	1.12835	0.26359	1
cg24441355	CABC1	0.409304	0.333765	0.729626	-1.37057	0.338973	1.36566	1.36566	0.333272	1.37103	1.37103	0.373901	0.749316	-1.33455	0.179423	0.670759	-1.56971	0.324082	0.724691	-1.3799	0.191444	1.54852	1.54852	0.936053	0.974947	-1.0257	0.522608	0.814744	-1.22738	1.18811	1.88124	1.40746	1
cg15195501	GLT25D2;GLT25D2	0.409307	0.254912	1.81266	1.81266	0.392005	1.55087	1.55087	0.232012	1.87239	1.87239	0.698901	1.21469	1.21469	0.250355	1.82403	1.82403	0.501661	0.710901	-1.40667	0.0971657	0.402149	-2.48664	0.719135	0.834686	-1.19805	0.765902	1.16115	1.16115	1.1881	4.7114	3.52487	1
cg02700894	SYN2;SYN2 OPRM1;OPRM1;OPRM1;OPRM1;OPRM 1;OPRM1;OPRM1;OPRM1;OPRM1;OPR	0.409313	0.306323	0.451056	-2.21702	0.281135	0.430817	-2.32117	0.389782	2.28405	2.28405	0.79062	1.21071	1.21071	0.473226	0.577887	-1.73044	0.583921	1.51552	1.51552	0.233667	0.391168	-2.55645	0.119566	0.555971	0.557894	0.715328	-1.39796	1.18809	10.6331	7.95537	1
cg07813322	M1;OPRM1;OPRM1	0.409315	0.0360984	0.214082	-4.67112	0.349873	0.542202	-1.84433	0.630791	0.734887	-1.36075	0.38531	0.567694	-1.76151	?	?	?	0.243024	0.459725	-2.17522	0.290748	0.497868	-2.00857	0.194107	0.417319	-2.39625	0.450842	0.613419	-1.63021	1.18219	6.73439	5.69652	1
cg03004999	HECW1	0.40932	0.492238	1.08375	1.08375	0.450596	1.09268	1.09268	0.578274	1.06689	1.06689	0.796869	0.970695	-1.03019	0.247932	1.14944	1.14944	0.688463	1.04757	1.04757	0.427068	0.910734	-1.09802	0.373481	1.18174	1.18174	0.0426577	1.30877	1.30877	1.18807	0.250174	0.187174	1
cg22695389	RSRC	0.409329	0.713021	0.886549	-1.12805	0.0792624	1.18626	1.18626	0.780747	1.08705	1.08705	0.372209	1.19041	1.19041	0.0965365	1.31992	1.31992	0.82157	1.0767	1.0767	0.612656	0.94998	-1.22283	0.0139896	0.742655	-1.34652	0.978058	1.00904	1.00904	1.18807	2.01439	1.50712	1
cg14243481	SYT9	0.409329	0.691262	0.79038	-1.26522	0.445246	0.632178	-1.58183	0.374692	1.71079	1.71079	0.204525	2.20234	2.20234	0.278742	0.514947	-1.94195	0.587506	1.38095	1.38095	0.125708	0.376525	-2.65516	0.319718	1.83301	1.83301	0.594967	1.37193	1.37193	1.18805	6.53462	4.88913	1
cg20079336	ERGIC3;ERGIC3	0.409332	0.49632	1.09422	1.09422	0.508222	1.05635	1.05635	0.599255	0.899254	-1.00075	0.895402	1.03169	1.03169	0.0422884	1.2009	1.2009	0.716258	1.09828	1.09828	0.449613	0.844222	-1.18444	0.163144	0.72982	-1.37009	0.688388	0.954485	1.04886	1.04886	1.18805	0.51386	0.384667	1
cg05398769	CAS21;CAS21	0.409334	0.0994559	0.356509	-2.52775	0.568117	0.743576	-1.34485	0.7047	1.21595	1.21595	0.588681	1.32361	1.32361	0.260902	0.547638	-1.82602	0.751193	0.849293	-1.17745	0.422842	0.693208	-1.44257	0.284263	0.693208	-1.44257	0.284263	0.693208	-1.44257	1.18803	4.96204	3.71258	1
cg15328326	WNT7A	0.409336	0.624369	0.91815	-1.08915	0.316904	0.836083	-1.19605	0.0472213	1.48124	1.48124	0.512367	0.891389	-1.12184	0.354577	1.17915	1.17915	0.763932	0.949219	-1.0535	0.277539	1.2158	1.2158	0.698945	0.96956	1.06956	0.932365	1.0148	1.0148	1.18804	0.563354	0.421501	1
cg14452294	GUCY2D	0.409339	0.282204	1.30551	1.30551	0.0858222	1.15635	1.15635	0.0999349	1.10223	1.10223	0.0134694	1.26403	1.26403	0.0210169	1.40686	1.40686	0.867313	1.06104	1.06104	0.753414	1.27973	-1.86243	0.493176	0.781418	-1.27929	0.639646	0.696416	-1.43579	0.0888505	1.18803	1.45156	1.29798	0.963337	1
cg05914150	PIK3R1	0.409336	0.126905	0.323503	-3.09116	0.159583	0.156243	1.56243	0.23907	2.32289	2.32289	0.697317	0.765517	-1.30627	0.484672	0.271576	-3.68221	0.564138	0.6713	-1.48965	0.377319	0.558599	-1.79011	0.0291755	0.538353	-1.85752	0.80531	0.18381	1.18381	0.841494	0.872082	-1.14668	1.18804	8.79201	6.57817	1
cg07530599	QRICH2	0.409338	0.0345163	0.41409	1.13994	0.165542	0.823397	1.21448	0.525265	1.5431	1.5431	0.142093	1.30099	1.30099	0.0937068	1.277504	1.277504	0.731302	1.07362	1.07362	0.666273	0.744285	-1.34349	0.0778451	0.582868	-1.7153	0.626706	0.803554	-1.24447	1.18802	1.3469	2.881312	1
cg23125200	GIB6;GIB6;GIB6;GIB6	0.40937	0.28116	5.41144	5.41144	0.709903	1.7564	1.7564	0.0575175	25.4848	25.4848	0.186712	8.24715	8.24715	0.401697	3.64673	3.64673	0.979937	0.962802	-1.03864	0.467412	3.04855	3.04855	0.0768575	19.4132	19.4132	0.324252	6.43953	6.43953	1.18796	42.7538	31.9904	1
cg04857881	ITIG1	0.409338	0.793914	1.24248	1.24248	0.272209	1.03367	1.02867	0.913975	1.30951	1.30951	0.947882	0.948553	-1.05434	0.674734	1.54314	1.54314	0.313584	1.58522	-1.71933	0.0944965	0.437333	1.14504	0.0973377	0.96247	0.962473	0.819515	1.18859	1.18859	1.18796	12.1821	9.10903	1
cg21283847	TBC1D16	0.409351	0.793883	-1.06737	0.0857809	1.36566	1.36566	0.333272	1.37103	1.37103	0.373901	0.749316	-1.33455	0.179423	0.670759	-1.56971	0.324082	0.724691	-1.3799	0.191444	1.54852	1.54852	0.936053	0.974947	-1.0257	0.522608	0.814744	-1.22738	1.18811	1.88124	1.40746	1
cg16496462	NCOR2;NCOR2	0.409373	0.810829	1.1598	1.1598	0.703446	1.26675	1.26675	0.136121	2.69893	2.69893	0.634201	1.34494	1.34494	0.260974	0.48443	-2.06428	0.745902	0.817901	-1.22264	0.0678702	0.282423	-3.54079	0.572588	0.702936	-1.42261	0.74766	1.22087	1.22087	1.18796	7.19106	5.3807	1
cg03172992	ENOG2;ENOG2;ENOG2;ENOG2	0.409374	0.136122	0.748418	1.33629	0.0855649	0.743576	-1.34485	0.7047	1.03047	1.03047	0.472516	1.14307	1.14307	0.604324	0.874964	-1.14301	0.459088	0.745512	-1.3417	0.0970534	0.479724	1.14669	0.0765545	0.687425	1.32747	0.370119	1.29242	1.29242	1.18796	8.26556	6.1847	1
cg23509745	EIF4G1;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.409376	0.102817	1.61979	0.928461	0.976026	-1.02456	0.936989	0.97976	-1.02066	0.512251	1.19674	1.19674	0.701001	0.900996	-1.10988	0.900996	0.206955	1.43282	1.43282	0.0924895	0.606333	-1.64926	0.9999	0.999966	-1.00003	0.740195	0.914002	-1.09409	1.18795	1.37385	1.02798	1
cg14435582	MYBL2	0.409439	0.410746	0.630766	-1.58537	0.340918	0.584137	-1.71197	0.127282	0.405183	-2.46802	0.815111	1.13692	1.13692	0.675606	1.2593	1.2593	0.326834	1.7416	1.7416	0.0962312	1.00259	1.00259	0.918004	0.416879	-2.39978	0.302146	1.79609	1.79609	1.18792	5.46653	4.22514	1
cg17881007	WDR66	0.409394	0.591117	0.76705	-1.3036	-2.6E-05	-2.16867	-2.16867	0.0039357	-18.5408	-18.5408	0.0109243	0.15394	0.972945	0.0523936	0.155005	0.387497	0.774194	0.660845	-1.51321	0.613799	0.485553	-2.06094	0.0567852	0.0518414	-19.2896	0.688478	1.78671	1.78671	1.18791	30.0163	29.195	1
cg00916768	C2CD2L	0.409401	0.37782	1.49927	1.49927	0.155555	1.98908	1.98908	0.350213	1.53778	1.53778	0.596936	1.26751	1.26751	0.946692	1.03038	1.03038	0.93803	0.965790	-1.03541	0.072428	0.40773	-2.4526	0.479971	0.725164	-1.379	0.603515	1.26427	1.26427	1.1879	3.76831	2.81977	1
cg01131395	LRCH1;LRCH1;LRCH1	0.409402	0.127568	0.859053	1.16429	0.282893	0.574774	-1.74044	0.935548	1.68478	1.68478	0.257418	0.480303	0.282893	0.0210169	3.536777	3.536777	0.270008	0.490842	-2.03732	0.13215	0.664595	-2.74277	0.724387	0.1948	1.24581	0.188832	0.419504	-2.38377	1.1879	2.37203	1.42606	1
cg16512867	NCK1	0.409407	0.0846463	1.31662	1.31662	0.935444	0.988384	-1.01175	0.270574	1.17992	1.17992	0.761635	0.95707	-1.04486	0.880561	1.02192	1.02192	0.394198	0.883729	-1.13413	0.127851	1.26799	1.26799	0.97376	0.995267	-1.00476	0.200005	1.21563	1.21563	1.18788	0.391354	0.292849	1
cg17528334	VIPR2	0.409412	0.821241	1.04852	1.04852	0.0915561	1.25331	1.25331	0.473871	1.44386	1.44386	0.944089	0.96235	-1.03912	0.0789894	0.94184	-1.06171	0.872197	0.915679	-1.09209	0.331734	1.7729	1.7729	0.0772572	1.38023	1.38023	0.0604332	1.02752	1.02752	1.18787	1.63245	1.42477	1
cg23250700	NAD23A	0.409413	0.731703	0.9495	1.04095	0.163646	0.871485	-1.23343	0.87161	0.977165	-1.02296	0.20887	0.834717	-1.19801	0.0603248	0.74276	1.34633	0.825439	0.93149	-1.03149	0.404235	0.887092	-1.12728	0.504785	1.09967	1.09967	0.316091	0.863082	-1.15864	1.18787	0.370728	0.277417	1
cg21872204	TSPAN18	0.409415	0.571349	0.695365	-1.43809	0.269795	2.07477	2.07477	0.544768	1.47595	1.47595	0.990343	1.00772	1.00772	0.148281	0.373476	-2.67755	0.67391	1.30839	1.30839	0.261046	0.479485	-2.10533	0.098756	0.316721	-3.15735	0.482707	0.635642	-1.57321	1.18787	7.58899	5.67889	1
cg18257485	NOP14	0.409417	0.478849	1.58118	1.58118	0.720582	0.964528	-1.03648	0.429563	0.748643	-1.33593	0.0995855	0.733312	-1.36363	0.0987204	0.770764	-1.29729	0.558939	0.669743	-1.4931	0.724063	0.765537	-1.30627	0.785572	0.814594	-1.22821	0.221355	0.37948	-2.63518	1.18785	1.08886	0.799848	1
cg19705131	GAUR1	0.409427	0.358215	0.757522	-1.32009	0.189942	0.669496	-1.50388	0.22514	0.687664	-1.4542	0.0801122	0.938801	-1.06519	0.978904	0.992258	-1.0078	0.719248	1.11193	1.11193	0.0679579	0.548329	-1.82372	0.349174	0.703861	-1.42478	0.408101	0.28236	1.28236	1.18784	1.62529	1.21624	1
cg22916363	DLG2.DLG2	0.409427	0.803834	1.09265	1.09265	0.508184	0.92881	-1.08498	0.352904	0.76026	-1.31287	0.351365	1.20344	1.20344	0.288654	0.75026	-1.33287	0.488754	1.04966	1.04966	0.452307	0.93	1.303	0.522975	0.809622	-1.23509	0.327287	0.763753	1.30902	1.18784	0.954653	0.42214	1
cg02218394	C12orf10	0.409428	0.871031	0.94388	-1.05946	0.0380744	0.35058	2.35058	0.745035	0.890482	-1.12299	0.475333	0.772566	-1.29439	0.604321	0.830416	-1.20422	0.485042	1.28686	1.28686	0.27701	0.669049	-1.49466	0.465959	0.768173	-1.30179	0.953981	1.02073	1.02073	1.18784	2.37716	1.77889	1
cg10059056	DGK2	0.409429	0.172994	0.714386	-1.3998	0.429319	0.829334	-1.20579	0.165983	0.7099	-1.40855	0.578692	1.13895	1.13895	0.41457	1.05604	1.05604	0.961244	0.988793	-1.01133	0.553073	1.14933	1.14933	1.12934	1.49209	1.49209	0.535549	1.15664	1.15664	1.18784	1.01205	0.757347	1
cg25631414	THBS2	0.409444	0.167654	0.809053	1.23596	0.0552454	1.91266	1.91266	0.143045	2.40942	2.40942	0.283009	2.72979	2.72979	0.112016	4.54147	4.54147	0.207253	1.35562	1.35562	0.102076	0.55917	-1.78849	0.371446	0.27623	0.276623	0.248071	0.96111	0.96111	1.18781	1.25265	1.41496	1
cg08422808	ADAMTS17;ADAMTS17	0.409444	0.807044	1.03083	1.03083	0.894417	1.01661	1.01661	0.985453	1.00226	1.00226	0.57412	0.931966	-1.073	0.790307	1.03362	1.03362	0.295518	0.874062	-1.14408	0.021154	0.708966	-1.41051	0.325334	0.881598	-1.1343	0.676647	0.94929	-1.05342	1.18781	0.289641	0.21675	1
cg14188794	XIRB	0.409453	0.561263	0.844164	1.18444	0.0268217	1.22129	1.22129	0.0923575	1.20659	1.20659	0.0264993	1.22157	1.22157	0.0217599	1.38178	1.38178	0.99512	1.00211	1.00211	0.994673	1.09661	1.09661	0.0864369	1.50539	1.50539	0.585995	1.20854	1.20854	1.18778	2.13133	1.64984	1
cg17115258	TMD23;TMD23	0.409454	0.907333	0.92174	1.02174	0.460828	1.14878	1.14878	0.137729	1.34336	1.34336	0.2757	1.23294	1.23294	0.0902965

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.057)	Ratio(105T vs. N)	Fold-Change(1 vs.111T)	Ratio(111T vs. N)	Fold-Change(1 vs.112T)	Ratio(112T vs. N)	Fold-Change(1 vs.121T)	Ratio(121T vs. N)	Fold-Change(1 vs.217)	p-value(347T vs. N)	Fold-Change(1 vs.347)	p-value(353T vs. N)	Fold-Change(1 vs.353)	p-value(537T vs. N)	Fold-Change(1 vs.537)	p-value(563T vs. N)	Fold-Change(1 vs.563)	F(Test)	SS(Test)	SS(Error)	F(Error)
gi	42812846	RUNX1,RUNX1	0.409763	0.348846	0.639175	-1.56452	0.458133	1.41993	1.41993	0.541688	0.750745	-1.33105	0.622829	1.795018	-1.25783	0.6894683	0.1419401	-2.38436	0.7732068	0.853217	-1.17204	0.0544776	0.363303	-2.75252	0.770969	0.870985	-1.68465	1.18711	4.0491	3.0319	1
gi	40720402	RUNDC3B,RUNDC3B;ABCB1;RUNDC3B	0.409763	0.0542171	0.435381	-2.29684	0.952086	0.97781	-1.02269	0.903645	0.954952	-1.04717	?	?	?	?	?	?	0.420248	0.79085	-1.26408	0.525096	1.27729	1.27729	0.732213	1.13966	1.13966	1.17344	2.05039	2.03932	1
gi	2674517	ANKRD11	0.409779	0.862439	0.920193	-1.08673	0.0245517	1.61254	1.61254	0.159907	2.05472	2.05472	0.988224	0.0071	1.0071	0.82261	0.89791	-1.1137	0.609928	1.2283	1.2283	0.734627	1.17723	1.17723	0.558556	1.32805	1.32805	0.706259	0.833953	-1.19911	1.10708	4.32398	3.23782	1
gi	30515598	SNORD53;WDR43	0.409782	0.786057	0.911966	-1.08736	0.574289	0.886716	0.64996	-1.53856	0.430525	0.776217	-1.2883	0.0353864	0.47042	-2.12576	0.331394	0.734556	-1.36137	0.6612188	1.14539	0.144026	0.1006	1.10612	0.1006612	0.266843	0.7004	-1.42776	1.18707	1.78147	1.33368	1
gi	7184402	OBSCN;OBSCN	0.409787	0.623976	1.10594	1.10594	0.580223	0.894848	-1.11751	0.506732	0.87172	-1.14716	0.73256	0.932481	-1.07241	0.2411227	0.778738	-1.28413	0.454103	0.856066	-1.16813	0.0408466	0.16786	1.61786	0.824975	0.955863	1.04617	0.639752	1.10084	1.10084	1.18706	0.7808881	0.584737	1
gi	16006141	CUL4	0.409806	0.407054	1.1739	1.1739	0.46996	1.14908	1.14908	0.972822	1.00646	1.00646	0.148391	0.745972	-1.34053	0.0784495	0.691054	-1.44706	0.455744	1.15444	1.15444	0.526557	0.885764	-1.12897	0.442715	1.15947	1.15947	0.907145	0.978183	-1.0223	1.18702	0.671878	0.503131	1
gi	41132698	KLHL17;KLHL17;NOC2L	0.409808	0.649998	0.985615	-1.01974	0.289599	0.777562	1.28607	0.99636	0.998941	-1.00106	0.415223	1.209414	1.20914	0.77693	1.0663	1.0663	0.970538	1.00838	1.00838	0.1046099	0.573027	-1.74512	0.950172	1.04627	1.04627	0.983555	1.00467	1.00467	1.18702	0.960327	0.719133	1
gi	22009923	CD151;CD151;CD151;CD151	0.409809	0.64832	0.812838	-1.23026	0.0523706	0.730238	2.70738	0.133822	1.52892	1.52892	0.264933	0.6893	1.66733	0.4133643	0.714062	-1.40044	0.634331	1.24139	1.24139	0.287876	0.607779	-1.64533	0.888668	0.938747	-1.06525	0.586666	0.780571	1.28111	1.18701	3.82846	2.86693	1
gi	26120606	KIAA1530	0.409813	0.1142555	0.337642	-2.96172	0.5731371	1.43551	1.43551	0.942185	0.955194	-1.04691	0.291094	1.99849	1.99849	0.288786	0.498592	-2.00565	0.641698	1.34471	1.34471	0.150827	0.377911	-2.64612	0.660494	1.32227	1.32227	0.331737	0.531048	-1.88307	1.187	7.50934	5.62338	1
gi	30133725	ZNF26	0.409826	0.033783	0.703854	-1.42095	0.990582	0.99082	-1.00916	0.545719	0.99049	-1.00949	0.359527	0.998532	-1.00139	0.9509227	0.9812464	-1.01883	0.7998	1.25041	1.25041	0.144502	0.956293	-1.04554	0.908804	0.973431	1.0332	-1.0332	-1.03332	0.883468	-1.13161	1.18697	0.377334	0.282578	1
gi	25749101	ARMC7	0.409832	0.28613	0.437523	-2.28559	0.815822	1.19019	1.19019	0.375287	1.97199	0.760639	0.749557	-1.33412	0.0702623	0.2205023	0.452683	0.204625	0.368304	-2.75115	0.182833	0.340628	-2.87555	0.635328	0.700122	-1.42832	0.304693	0.452395	-2.21046	1.18696	10.4683	7.83948	1
gi	16402669	FAM78B	0.409834	0.475471	0.8851	-1.13102	0.594866	1.09677	1.09677	0.306469	1.19866	1.19866	0.913564	0.88075	1.08075	0.145105	1.13104	1.13104	0.574406	0.906903	-1.1026	0.1025571	0.370563	-1.35564	0.735853	1.06001	1.06001	0.319184	1.19383	1.19383	1.18696	0.556746	0.419836	1
gi	13187539	TRPM1	0.409843	0.738569	1.2661	1.2661	0.0929224	0.271939	-3.6773	0.133234	0.931505	-1.32984	0.667252	1.12507	1.12507	0.390447	1.85871	-1.85871	0.88607	0.903943	-1.10626	0.6570161	1.36099	1.36099	0.990091	0.99129	-1.00879	0.19638	2.61764	2.61764	1.18694	9.32786	6.98556	1
gi|38380262	KCNA2;FAM99B	0.409855	0.72734	1.11113	1.11113	0.446398	1.26321	1.26321	0.0352618	0.47797	-2.09218	0.357205	0.760331	-1.31522	0.74595	0.906769	-1.10282	0.84436	1.06096	1.06096	0.250521	0.92729	0.99446	-1.00538	0.990665	1.00291	1.00291	0.311362	1.29061	1.29061	0.593225	0.874837	-1.1437	1.18693	1.15615	0.865867	1
gi	31779880	MAPKAPK3	0.409863	0.829604	0.947954	-1.0549	0.472972	0.834346	-1.19854	0.215604	0.872348	-1.14611	0.738211	-1.38158	0.318009	1.29106	0.2916	0.0542268	0.583704	-1.71909	0.0788	0.0196	0.0196	1.70798	0.0196	0.0196	1.29661	0.593225	0.874837	-1.1437	1.18693	1.15615	0.865867	1
gi	26790836	PTRF	0.40987	0.787017	1.06628	1.06628	0.568135	1.14649	1.14649	0.541575	1.15769	1.15769	0.401874	0.816034	-1.22544	0.192313	0.721083	-1.3868	0.255174	1.32511	1.32511	0.0883843	1.56125	1.56125	0.418381	0.82206	-1.21646	0.68213	1.1025	1.1025	1.18688	1.05544	0.790453	1
gi	34980005	CLYBL	0.409875	0.731682	0.93014	-1.07513	0.168979	0.81458	1.22813	0.0840438	0.82454	-1.21293	0.175481	1.25441	1.25441	0.228835	0.843332	-1.18597	0.2865134	1.91996	1.91996	0.152746	0.12751	2.08706	0.0972955	0.12751	2.08706	0.0522543	0.160604	1.60604	1.21002	0.82971	0.533323	1
gi	22851250	ACTN3	0.409875	0.0610222	0.257404	-3.88495	0.477417	0.628561	-1.59094	0.398455	0.573677	-1.74314	0.461133	0.617381	-1.61974	0.0752979	0.2800009	-3.57132	0.246587	0.458943	-2.17892	0.924145	0.94062	-1.06313	0.873552	1.1078	1.078	0.215786	0.432842	-2.31031	1.18687	7.76645	5.81659	1
ch.10.111702	0INCOA4;NCOA4;NCOA4;NCOA4;NCOA4	0.409888	0.0634352	0.251787	-3.97161	0.382522	1.79179	1.79179	0.803291	1.17581	1.17581	0.327856	0.517678	-1.9317	?	?	?	0.191915	0.404925	-2.46959	0.731171	0.799422	-1.2509	0.658109	1.33536	1.33536	0.906784	0.926818	-1.07896	1.20372	6.98167	5.07508	1
gi	40747406	STK40	0.409889	0.977767	0.981498	-1.01885	0.579771	0.687412	-1.45473	0.863097	0.890777	-1.12262	0.650692	0.736773	-1.35727	0.0631664	0.246473	-4.05724	0.76098	1.22687	1.22687	0.0634262	0.246095	-4.0503	0.598061	0.700105	-1.42836	0.166516	0.37211	-2.68738	1.18684	8.44173	6.32249	1
gi	26608667	ZFAND2A	0.409895	0.1500023	0.443598	2.25498	0.535662	1.42493	1.42493	0.245646	1.59956	1.59956	0.0122	0.5644	1.77206	0.0135476	0.0526005	-3.45975	0.405722	1.64576	1.64576	0.0129447	0.594461	-1.6822	0.891597	1.08003	1.08003	0.155405	0.418828	-2.38761	1.1682	5.9914	4.49737	1
gi	25715266	BEND7;BEND7	0.409905	0.187059	1.28873	1.28873	0.373746	1.18012	1.18012	0.387171	0.851476	-1.17443	0.291672	1.21953	1.21953	0.427983	0.863476	-1.15811	0.546145	1.11716	1.11716	0.108317	1.37405	1.37405	0.735755	0.940409	-1.06337	0.467907	0.874613	-1.14336	1.1668	0.618439	0.463197	1
gi	26932790	RIN3;P1	0.409915	0.875038	0.94493	-1.05828	0.292032	1.14205	1.14205	0.615674	1.19732	1.19732	0.782356	1.10482	1.10482	0.458408	1.2222	-1.2222	0.338824	1.17473	1.17473	0.0289315	2.50762	2.50762	0.398504	1.53682	1.53682	0.634984	1.18783	1.18783	1.18677	2.43486	1.82378	1
gi	19390478	ARHGEF16	0.409924	0.522058	0.73794	-1.36251	0.136548	0.465405	-2.14825	0.108405	0.433919	-2.30458	0.511948	1.37313	1.37313	0.481342	0.511483	-1.9551	0.756582	1.15978	1.15978	0.719609	1.1875	1.1875	0.410143	1.49414	1.49414	0.764116	1.15427	1.15427	1.18676	4.27172	3.19953	1
gi	26105479	HCFC2	0.409925	?	?	?	0.11568	2.15449	2.15449	0.634931	1.23947	1.23947	0.297204	1.62431	1.62431	?	?	?	0.128869	2.08884	2.08884	0.598913	0.838027	-1.26899	0.933364	1.03825	1.03825	0.479797	0.724392	-1.38047	1.17307	2.91115	2.83618	1
gi	32117827	PYGL;PYGL	0.409931	0.669311	1.20442	1.20442	0.0744227	0.8545	-1.183	0.814379	1.05149	1.05149	0.0945812	1.47092	1.47092	0.053539	1.58482	1.58482	0.230604	1.30228	1.30228	0.0402897	0.32002	-3.08091	0.784148	1.05899	1.05899	0.68072	1.09078	1.09078	1.18675	0.828963	0.620905	1
gi	41548986	INADL	0.409932	0.303401	0.510669	-1.95707	0.12113	2.28251	2.88251	0.834829	1.14056	1.14056	0.878429	0.908087	-1.10122	0.8873234	0.304531	-3.28374	0.228014	0.450672	-2.21891	0.802954	0.854292	-1.17056	0.634773	0.739769	-1.35177	0.558804	0.689084	-1.4512	1.18674	7.45709	5.58548	1
gi	55159670	AHDC1	0.409943	0.831748	0.907102	-1.10236	0.647174	0.595	-1.68055	0.707857	0.93008	-1.0662	0.524302	1.90775	1.90775	0.1515759	0.659155	-1.51693	0.117343	1.37541	1.37541	0.137059	0.762394	-1.31166	0.896254	1.02927	1.02927	0.765974	0.88205	-1.13371	1.18674	0.885204	0.668483	1
gi	23532300	LOC100270746,C6orf41	0.409935	0.399686	1.51287	1.51287	0.158639	0.485013	-2.0618	0.0745774	0.385253	-2.5957	0.683648	1.21742	1.21742	?	?	?	0.770367	1.15091	1.15091	0.462824	0.698455	-1.43173	0.411799	0.668325	-1.49628	0.450734	0.691413	-1.44631	1.18682	3.18332	3.24633	1
gi	11719635	PSME1;PSME1	0.409936	0.385744	0.501287	-1.99487	0.802201	1.21523	1.21523	0.607684	1.49505	1.49505	?	?	?	0.297236	0.432023	-2.31469	0.593699	1.51922	1.51922	0.0932485	4.19525	4.19525	0.378844	2.01613	2.01613	0.194112	2.90645	2.90645	1.18682	10.2065	8.49116	1
gi	29946577	MAGI2	0.409938	0.879551	1.04496	1.04496	0.542133	0.842113	-1.2141	0.967098	0.985453	-1.0578	0.126078	4.09911	4.09911	0.625727	0.2205	-4.53629	0.317257	2.41379	2.41379	0.841208	0.188647	5.30135	0.0580652	0.82884	0.82884	0.725405	1.13504	1.13504	1.18673	0.534648	0.372148	1
gi	20144981	BDNFOS;LIN7C	0.409944	0.702039	1.10312	1.10312	0.511381	0.843616	-1.18537	0.888983	0.964968	-1.0363	0.0923423	0.623141	-1.60473	0.0347417	0.533437	-1.87464	0.559474	0.8586	-1.16469	0.634119	0.884779	-1.13023	0.419449	0.810182	-1.23444	0.898624	1.03008	1.03008	1.18672	1.22519	0.917705	1
gi	27585345	LDLRAD2	0.409955	0.293828	0.510467	-1.95938	0.672523	1.1351	1.1351	0.552648	0.689001	-1.44948	0.607317	1.02563	1.02563	0.9748227	0.9750402	-1.02563	0.156857	2.16442	2.16442	0.0146021	0.340574	2.93707	0.0183	0.53583	0.53583	0.634984	1.18783	1.18783	1.18671	2.43486	1.82378	1
gi	26238333	C3orf39	0.409968	0.44722	0.795567	-1.25696	0.136896	0.61048	1.60487	0.102829	0.693366	1.69366	0.330373	1.34517	1.34517	0.73185	1.10688	1.10688	0.689776	1.88294	-1.12575	0.150463	1.57619	1.57619	0.161162	0.861384	-1.16092	0.795432	1.07972	1.07972	1.18667	1.63803	1.22699	1
gi	40131416	CABC1	0.409969	0.819124	0.964361	-1.03696	0.213239	1.23081	1.23081	0.267046	1.20106	1.20106	0.962107	1.00756	1.00756	0.493142	1.11658	1.11658	0.668999	0.93413	-1.07051	0.176875	0.796578	-1.25537	0.293777	1.18832	1.18832	0.119977	1.30638	1.30638	1.18666	0.471775	0.353391	1
gi	40976969	ZNF606	0.409969	0.0321817	0.441462	-2.26519	0.0838459	0.752515	-1.32868	0.341307	0.831151	-1.2078	0.425379	0.76164	-1.31296	0.0941	0.2995	-3.33922	0.350586	0.725153	-1.37902	0.549021	0.816431	-1.22484	0.734099	1.1228	1.1228	0.773144	0.881155	-1.13477	1.1668	7.1675	5.38574	1
gi	30356213	STOML2	0.409981	0.150271	0.15578	0.213667	0.495373	-2.01909	0.569172	1.33189	1.33189	0.4763	1.44344	1.44344	0.615583	2.10563	2.10563	?	0.190705	1.70291	1.70291	0.194206	1.14206	1.14206	0.488093	1.42032	1.42032	0.467347	0.691724	-1.44566	1.18671	4.12454	3.49326	1
gi	38360820	USP6NL	0.410003	0.217323	0.688178	1.45301	0.0188118	0.53415	1.87215	?	?	?	?	?	?	?	?	?	0.420252	2.79095	2.79095	0.009786	0.628299	-1.5916	0.0	0.0	0.0	0.756629	0.679501	-1.47167	1.16812	15.53	16.6128	1
gi	20941697	ZNF713	0.410031	0.733642	0.81023	-1.23422	0.0429855	0.238146	-4.19911	0.137692	0.373476	-2.67755	0.37243	1.758	1.758	0.479309	0.642054	-1.5575	0.626364	0.739128	-1.35295	0.556581	0.693256	-1.44247	0.94311	0.956982	-1.04495	0.633682	1.34419	1.34419	1.18653	7.13325	5.34388	1
gi	25104266	SPATA13;SPATA13 C6orf140;C6orf140,C6orf140;C6orf140	0.410031	0.643984	1.18808	1.18808	0.102091	1.93998	1.93998	0.27442	0.656293	-1.52371	0.869869	0.941088	-1.0626	0.089477	0.499894	-2.00043	0.905965	1.04474	1.04474	0.413405	1.36297	1.36297	0.99398	1.0028	1.0028	0.781685	1.10868	1.10868	1.18653	2.57725	1.93075	1
gi	22874695	40,SLC20A2	0.410032	0.75472	0.928109	-1.07746	0.283776	1.30355	1.30355	0.696251	1.09789	1.09789	0.238515	0.745362	-1.34163	0.0784674	0.627953	-1.59248	0.632974	0.891786	-1.12135	0.120054	0.660347	-1.49399	0.583456	0.876495	-1.14091	0.938178	1.01864	1.01864	1.18653	1.06489	0.797769	1
gi	20319122	RDRA;RDRA;RDRA;RDRA	0.410041	0.205009	0.259669	-3.85077	0.0870859	0.414813	-2.4116	0.183099	0.279779	0.279779	-3.57574	0.583861	1.56329	0.0756	0.301208	-3.32045	0.179792	0.443762	-2.25444	0.0510288	0.102998	-9.70889	0.0	0.459417	0.464269	-2.15392	0.281985	0.320181	1.18653	0.49474	0.36071	1
gi	41543476	FAM40B;FAM40B	0.410049	0.369824	0.695758	-1.43728	0.173733	1.83636	1.83636	0.428838	1.40381	1.40381	0.841516	1.08771	1.08771	0.100238	0.469415	-2.13031	0.690372	0.845225	-1.18312	0.815626	0.906567	-1.10306	0.246059	1.66439	1.66439	0.456943	0.727497	-1.37458	1.18649	3.31404	2.48279	1
gi	41532655	DNAJC24;DCDC1	0.410049	0.0449234	11.0312	11.0312	0.0789009	1.03063	1.03063	0.428916	2.3428	2.3428	?	?	?	0.223222	0.3933	-2.54305	0.167514	0.741977	-1.34775	0.116079	0.707199	-1.41402	0.767304	1.06204	1.06204	0.248767	1.28439	1.28439	1.18649	0.773229	0.579285	1
gi	25940096	SYT7	0.410053	0.19251	0.825974	-1.21069	0.435915	0.895675	-1.11648	0.113453	0.787612	-1.26966	0.827725	0.970242	-1.03067	0.0015134	0.982089	-1.01731	0.38409	0.88364	-1.13168	0.283596	0.856913	-1.16698	0.461998	1.10937	1.10937	0.201281	1.20571	1.20571	1.18648	0.363045	0.270488	1
gi|40720708	LASS1	0.410066	0.351978	0.9793	1.02113	0.0911	0.220109	-4.5438	0.0203376	0.368368	-2.71476	0.373749	0.872449	0.0985443	0.1894	0.126078	4.08911	4.08911	0.625727	0.2205	-4.53629	0.317257	2.41379	2.41379	0.841208	0.188647	5.30135	0.0580652	0.82884	0.82884	0.725405	1.13504	1.13504	1.18643	0.534648	0.372148	1
gi	16185996	FGFRL1;FGFRL1;FGFRL1	0.410068	0.642526	0.76099	-1.31408	0.163099	0.368911	-2.71069	0.480834	0.657892	-1.52001	0.357549	1.73824	1.73824	0.196177	0.449952	-2.22246	0.414735	0.634379	-1.62766	0.268318	0.509815	-1.9615	0.131385	0.386086	-2.59009	0.62491	0.733665	1.33365	1.18645	0.41566	4.80662	1
gi	27588145	CBLB	0.410072	0.0	0.0	0.0	0.768852	0.6245	-1.2128	0.691123	0.760853	-1.31439	0.124993	1.15754	1.15754	0.1695257	2.6368	-2.6368	0.137655	2.88147	2.88147	?	?	?	0.461637	0.63518	1.63518	0.0161329	0.31083	3.21681	1.18645	0.47145	5.16411	1
gi	40015706	C0orf50	0.410077	0.787935	0.948936	-1.05281	0.298008	1.22867	1.22867	0.0252681	1.66162	1.66162	0.966937	0.992119	-1.00794	0.576694	1.11366	1.11366	0.889425	0.973795	-1.02691	0.309405	1.22238	1.22238	0.731187	0.936291	-1.06804	0.381844	1.18673	1.18673	1.18643	0.684682	0.512973	1
gi	30953157	FAM118A;FAM118A	0.410077	0.98736	1.00465	1.00465	0.848614	1.05757	1.05757	0.0713807	0.554415	-1.8037	0.151186	0.637282	-1.56916	0.165776	0.648595	-1.54179	0.808556	0.931957	-1.07369	0.782372	0.922093	-1.08449	0.274874	1.39482	1.39482	0.819866	0.935372	-1.06909	1.18643	1.61221	1.20789	1
gi	27663101	QRICH1;QRICH1	0.410079	0.367376	0.79629	-1.25579	0.0844805	1.31155	1.31155	0.0958	1.20558	1.20558	0.452811	1.10506	1.10506	0.0442	0.3403	-2.93906	0.801955	1.03975	1.03975	0.354921	1.15906	1.15906	0.645562	0.93088	-1.07424	0.928806	1.01396	1.01396	1.18642	0.45833	0.338707	1
gi	15213689	PACSIN3	0.410106	0.472893	0.813714	-1.22893	0.376315	0.773861	-1.29222	0.500709	0.827917	-1.20785	0.92897	0.975139	-1.02549	0.111403	0.612854	-1.63171	0.795551	1.07608	1.07608	0.0912962	0.69066	1.69066	0.398988	1.27612	1.27612	0.95637	1.01557	1.01557	1.18637	1.49812	1.12247	1
gi	30530939	FAF1	0.410107	0.893407	0.95652	-1.04563	0.0641	0.707497	-1.41403	0.0643154	0.785296	-1.27354	0.405289	0.785296	-1.27354	0.404222	0.8620234	-1.16002	0.0910129	1.83904	1.83904	0.356883	1.3619	1.3619	0.308729	1.41166	1.41166	0.519188	1.23844	1.23844	1.18634	0.201229	1.50775	1
gi	07937786	SP7	0.410119	0.651467	1.16046	1.16046	0.175495	1.60233	1.60233	0.544156	1.22251	1.22251	0.687621	1.14143	1.14143	0.159484	0.61141	-1.63556	0.00910129	1.83904	1.83904	0.356883	1.3619	1.3619	0.308729	1.41166	1.41166	0.519188	1.23844	1.23844	1.18634	0.201229	1.50775	1
gi	13260615	JRK;JRK	0.410126	0.853092	0.962027	-1.03947	0.938493	0.984012	-1.01625	0.73282	0.930939	-1.07418	0.42374	0.843157	-1.18605	0.448325	1.17512	1.17512	0.280994	1.25778	1.25778	0.070626	1.50877	1.50877	0.140243	0.717936	-1.39288	0.869729	0.966303	-1.03487	1.18632	0.819445	0.613995	1
gi|30870055	C5orf28	0.410131	0.389947	0.7	0.7	0.0914	0.220109	-4.5438	0.0203376	0.368368	-2.71476	0.373749	0.872449	0.0985443	0.1894	0.126078	4.08911	4.08911	0.625727	0.2205	-4.53629	0.317257	2.41379	2.41379	0.841208	0.188647	5.30135	0.0580652	0.82884	0.82884	0.725405	1.13504	1.13504	1.18632	0.534648	0.372148	1
gi	23095517	SOX13	0.410133	0.221303	0.542114	-1.84463	0.144805	0.474342	-2.10818	0.395568	0.660761	-1.5134	0.329717	0.619383	-1.61451	0.0383943	0.319003	-3.13477	0.33964	0.625818	-1.59791	0.410088	0.669526	-1.49359	0.897169	1.06351	1.06351	0.303509	0.601971	-1.66121	1.18631	4.26132	3.19297	1
gi	26057752	PGAM2	0.410142	0.120474	0.435248	-2.29754	0.656668	0.801741	-1.24729	0.268977	0.76583	0.764823	1.40853	1.40853	0.158108	0.714568	2.1071	-2.1071	0.836018	0.902695	-1.10779	0.438329	0.676755	-1.47764	0.158313	0.474002	-2.10707	0.982891	0.989645	-1.01065	1.18629	0.45833	0.44328	1
gi	40570626	ZCCHC8	0.410153	0.970087	0.994276	-1.00576	0.007249	1.01857	0.453574	1.1206	1.1206	0.819043	0.727407	0.829639	1.12027	0.566668	0.912641	-1.09572	0.155644	1.27098	0.259376	0.830512	-1.20408	0.0715828	1.37376	1.37376	1.18626	0.64804	0.512973	1
gi	30833649	CASK;CASK;CASK	0.410153	0.98736	1.00465	1.00465	0.848614	1.05757	1.05757	0.0713807	0.554415	-1.8037	0.151186	0.637282	-1.56916	0.165776	0.648595	-1.54179	0.808556	0.931957	-1.07369	0.782372	0.922093	-1.08449	0.274874	1.39482	1.39482	0.819866	0.935372	-1.06909	1.18643	1.61221	1.20789	1
gi	27663101	QRICH1;QRICH1	0.410154	0.464899	1.41925	1.41925	0.233823	1.31155	1.31155	0.0958	1.20558	1.20558	0.452811	1.10506	1.10506	0.0442	0.3403	-2.93906	0.801955	1.03975	1.03975	0.354921	1.15906	1.15906	0.645562	0.93088	-1.07424	0.928806	1.01396	1.01396	1.18642	0.45833	0.338707	1
gi	31174240	LTBAR;LTBAR	0.410157	0.0678396	0.341015	-2.93242	0.306705	0.573157	-1.74472	0.412934	0.643861	-1.55313	0.586795	1.33461	1.33461	0.134703	0.428168	-2.33553	0.404858	0.638726	-1.56562	0.584973	1.33652	1.33652	0.238596	0.522453	1.91405	0.503107	0.699451	-1.42969	1.18626	5.19178	3.89467	1
gi	32560992	TRIM37;TRIM37;TRIM37;TRIM37	0.410157	0.0	0.0	0.0	0.762393	1.31224	0.790743	1.26496	0.970888	1.03021	0.828121	0.828121	0.0842206	0.1218	0.0	0.0	0.0	0.0	0.0	0.0	1.18477	0.844	0.844	0.794932	1.2572	-2.87412	0.503863	0.879	0.35197	0.279	1.1394	1
gi	22806934	UBASH3B	0.410165	0.451042	0.701408	-1.4257	0.129203	2.13228	2.13228	0.557021	1.31563	1.31563	0.633063

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24878649	GEMIN6;GEMIN6	0.955909	0.977569	-1.02295	0.519543	1.30721	1.30721	1.30721	0.161329	1.8474	1.8474	1.8474	0.0772571	2.12402	1.21402	0.485747	1.74784	-1.33724	0.425829	0.716318	-1.39603	0.317024	0.654145	-1.52871	0.68113	1.18476	1.18476	1.18544	3.16099	2.37023	1
cg01509030	NTSC1A	0.410533	0.694649	1.04544	1.04544	1.03902	1.03837	1.03837	0.206355	1.16198	1.16198	1.16198	0.7684003	0.967289	-1.03382	0.507727	1.07863	1.07863	0.71695	1.04186	0.842482	0.983478	-1.0168	0.750492	1.03659	1.03659	0.0190329	1.37675	1.37675	1.38544	0.238175	0.178593	1
cg22859847	USP16;USP16;USP16	0.41054	0.693437	0.932491	-1.0724	0.337456	0.839338	-1.19142	0.524195	1.12077	1.12077	0.488047	1.13257	1.13257	0.187403	0.779951	-1.28213	0.410447	1.16055	1.16055	0.180587	0.776496	-1.28784	0.472901	0.878948	-1.13772	0.2107557	1.26407	1.26407	1.20848	0.582272	0.37475	1
cg18880954	DDAH1	0.410544	0.483265	1.15638	1.15638	0.576181	1.12137	1.12137	0.600166	1.13389	1.13389	0.906413	0.976301	-1.02427	0.853383	0.962972	-1.03845	0.101037	1.44234	1.44234	0.0386914	1.62954	1.62954	1.62954	0.342688	1.22063	1.22063	0.261902	1.26945	1.18542	0.780849	0.585523	1
cg01536615	B3GNTL1	0.410551	0.20549	0.710305	-1.40785	0.826153	0.945225	-1.05795	0.73675	1.09025	1.09025	0.197304	1.4177	1.4177	0.291234	0.755428	-1.32375	0.167012	0.685729	-1.4583	0.331795	0.730752	0.786147	-1.27203	0.208172	0.711893	-1.40471	1.1854	1.23127	0.923285	1
cg12494301	LOC100093631;GTF2IP1	0.410552	0.504536	1.43928	1.43928	0.0639566	3.09622	3.09622	0.036379	3.60895	3.60895	0.624374	3.3039	3.3039	0.688834	1.24165	1.24165	0.980088	1.01351	1.01351	0.526453	1.41216	1.41216	0.678944	1.25082	1.25082	0.906363	0.938687	-1.06532	1.1854	5.42811	4.07035	1
cg15797110	HOXA7	0.410553	0.0507398	8.38402	8.38402	0.890199	1.14105	1.14105	0.616058	1.62086	1.62086	0.994289	0.993186	-1.00686	0.434129	0.466559	-2.14335	0.89188	0.878173	-1.13873	0.984144	1.01916	1.01916	0.0715062	6.83821	6.83821	0.883063	1.15096	1.15096	1.1854	17.1313	12.8462	1
cg05047710	RNASE4	0.410554	0.792122	1.03984	1.03984	0.180592	0.870504	1.04937	0.310126	1.15475	1.15471	0.327819	0.870794	-1.14838	0.760881	0.959054	-1.04269	0.793056	0.964638	-1.03667	0.0616589	0.752978	0.753806	-1.32806	0.305149	1.15655	1.15655	0.191521	0.886701	-1.12778	1.18537	0.352215	0.264119	1
cg05750089	C20orf111	0.410565	0.026066	0.6660068	-1.50135	0.526804	1.03572	1.10372	0.43484	1.0845931	-1.13046	0.862214	1.02709	1.02709	0.34773	0.86149	-1.16078	0.778832	0.957599	-1.04428	0.860994	1.02734	1.02734	0.312885	0.851603	-1.17426	0.300347	1.01947	1.18537	0.444569	0.333376	1
cg12106761	MTA1	0.410567	0.719097	0.848503	-1.17855	0.16085	1.97639	1.97639	0.433698	1.43816	1.43816	0.504505	1.36078	1.36078	0.15526	0.500693	-1.99723	0.33943	0.638997	-1.56495	0.176818	0.52047	-1.92134	0.515969	0.741125	-1.3491	0.958622	0.976677	-1.02388	1.18537	3.88411	2.91264	1
cg02169279	PEBP4	0.410574	0.727463	0.8616057	-1.16071	0.102663	1.05655	1.05655	0.455455	1.0910945	1.17788	1.17788	0.858553	1.09781	0.229546	1.330023	1.12463	0.106885	0.472625	-2.11584	0.0238599	1.7206	1.7206	0.0468842	0.0238599	2.07375	0.342759	1.51613	1.18535	3.40315	2.552	1
cg12424475	ANKRD35	0.410575	0.335467	1.56433	1.56433	0.571964	0.773344	-1.29342	0.407752	0.68284	-1.46447	0.0819053	0.68284	0.38329	0.100828	2.24708	2.24708	0.450904	1.4135	1.4135	0.0599933	1.62695	1.62695	0.803787	0.8939112	-1.11868	0.817262	0.900978	-1.1099	1.18535	3.81024	2.85728	1
cg27166860	TTC39C;TTC39C;TTC39C;TTC39C	0.410576	0.253016	1.16102	1.16102	0.913216	1.01379	1.01379	0.0435965	1.33714	1.33714	0.811562	1.02972	1.02972	0.229644	1.04414	1.04414	0.0799158	1.27545	1.27545	0.812324	0.930724	-1.01816	0.872266	0.980063	-1.02034	0.976721	1.00366	1.00366	1.18535	0.299601	0.220171	1
cg02731366	ZBTB7C	0.410587	0.676346	1.13271	1.13271	0.488363	0.81144	-1.23238	0.0348695	1.48196	1.48196	0.274884	-2.07484	0.706708	1.11874	1.11874	0.806792	0.72544	1.07544	1.07544	0.351939	1.01805	1.01805	0.431557	1.27596	1.27596	0.210549	0.675973	-1.47935	0.682076	0.884926	-1.13004	1.18532	1.65392	1.24029	1
cg03332122	SPAG4	0.410592	0.101526	0.805422	-1.24158	0.930154	1.01064	1.01064	0.563015	1.07313	1.07313	0.344937	0.8892118	-1.12458	0.354267	0.891433	-1.12179	0.175697	0.840472	-1.18981	0.394371	0.900525	0.111104	0.852246	0.977747	-1.02276	0.0766093	0.788697	-1.26791	1.18531	0.273489	0.205095	1
cg17046464	CDC25A;CDL25A1	0.410593	0.525975	0.78947	-1.26667	0.445059	0.967322	-1.0472	0.637217	0.430878	-2.32182	0.562338	0.967322	-1.0472	0.637217	0.430878	-2.32182	0.562338	0.967322	-1.0472	0.637217	0.430878	-2.32182	0.562338	0.26487	0.652159	-1.53337	0.648287	0.844797	-1.18372	0.414231	0.735624	-1.35939	0.724872	0.878103	-1.13882	1.18531	2.5464	1.9051	1
cg26002632	DEGS2	0.410594	0.256779	0.604849	-1.6533	0.200689	1.77554	1.77554	0.176154	1.84208	1.84208	0.785051	0.89036	-1.12314	0.310837	0.640556	-1.56114	0.878419	1.06719	1.06719	0.137315	0.506723	-1.97346	0.791837	0.893724	-1.11891	0.835402	0.915415	-1.0924	1.18531	3.38725	2.54018	1
cg25457291	FAM60C	0.410603	0.368026	0.708549	-1.41133	0.156836	1.75812	1.75812	0.813801	1.0991	1.0991	0.94598	0.975067	-1.02557	0.0611546	0.455568	-2.19506	0.942796	1.0271	1.0271	0.295301	1.49842	1.49842	0.674023	1.17072	1.17072	0.74704	0.982204	1.00835	1.00835	1.18529	2.60943	1.95465	1
cg08797194	UGDT2	0.410605	0.353507	0.61709	-1.62107	0.216709	1.9284	1.9284	0.358494	1.60853	1.60853	1.60853	1.60853	1.60853	1.60853	1.60853	1.60853	0.357123	0.620786	-1.61086	0.134839	0.26489	0.26489	0.36259	1.60164	1.60164	0.271974	1.7802	1.7802	1.19379	1.61708	3.02992	1
cg14122749	SRGAP1	0.410606	0.108301	0.640274	-1.56183	0.174591	1.44412	1.44412	0.86093	0.956354	-1.04564	0.708397	0.908812	-1.10034	0.241729	0.73209	-1.36595	0.999564	1.00014	1.00014	0.188763	1.42527	1.42527	0.98523	0.9953	-1.00472	0.560868	0.861005	-1.16143	1.18528	1.21586	0.911823	1
cg00559439	VGLL4;VGLL4	0.410614	0.679672	0.897366	-1.15292	0.7	7	7	0.315573	0.700723	-1.4271	0.658663	1.16493	1.16493	0.549845	0.872722	-1.23043	0.377507	0.73194	-1.3659	0.428607	0.758113	-1.31906	0.393096	1.66326	1.66326	0.0833857	0.518481	2.92871	1.9701	1.65362	1.65362	1
cg11658038	KIAA0141;IOAA0141	0.410616	0.246893	0.685351	-1.45911	0.412959	1.29847	1.29847	0.272751	1.42789	1.42789	0.713117	1.12214	1.12214	0.106205	0.576639	-1.73419	0.198104	1.58275	1.58275	0.0136242	0.936744	-1.06753	0.673344	0.877593	-1.13948	0.618816	0.16942	1.16942	1.18526	1.82786	1.13081	1
cg24097727	TCF12;TCF12;TCF12;TCF12	0.410619	0.831321	1.13717	1.13717	0.364783	1.75274	1.75274	0.0135497	2.19645	2.19645	0.0164251	1.65681	1.65681

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.N)	p-value(1050 T047 vs. N)	Fold-Change(1 vs.N)	p-value(1057 vs. N)	Fold-Change(1 vs.N)	p-value(1117 vs. N)	Fold-Change(1 vs.N)	p-value(1127 vs. N)	Fold-Change(1 vs.N)	p-value(1217 vs. N)	Fold-Change(1 vs.N)	p-value(1217 vs. N)	Fold-Change(1 vs.N)	p-value(1347 vs. N)	Fold-Change(1 vs.N)	p-value(1477 vs. N)	Fold-Change(1 vs.N)	p-value(1537 vs. N)	Fold-Change(1 vs.N)	p-value(5377 vs. N)	Fold-Change(5 vs.N)	p-value(5377 T037 vs. N)	Fold-Change(5 vs.N)	p-value(5637 vs. N)	Fold-Change(5 vs.N)	F(Error)
cg16567056	PLCE2;PLCE2	0.411229	0.251281	0.48528	-2.35139	0.221784	2.49941	2.49941	0.639577	1.39997	1.39997	0.695442	1.755292	-1.32399	0.476808	0.198665	0.03361	0.813506	1.18362	1.18362	0.596681	1.46369	1.46369	0.619402	0.699645	-1.4293	0.804268	0.837671	-1.19379	1.18393	9.54141	7.16363	1
cg03172971	LCP1	0.411235	0.0850571	1.97567	1.97567	0.900416	0.95216	-1.04579	0.712448	1.14154	1.14154	0.754442	1.11874	1.11874	0.214432	0.626642	1.59581	0.855686	1.06727	1.06727	0.474854	0.77115	-1.29676	0.255272	1.52916	1.52916	0.246179	0.648112	-1.54294	1.18392	2.39774	1.80023	1
cg25742283	DCLK1	0.411243	0.764675	0.839205	-1.1916	0.523302	1.45896	1.45896	0.0658309	3.33775	3.33775	0.374461	0.58724	-1.70288	0.569286	0.714722	-1.39915	0.480007	1.52082	1.52082	0.468976	0.650369	-1.53759	?	?	?	0.337356	0.561261	-1.7817	1.17792	5.65428	4.80022	1
cg26744057	ZFYVE1;ZFYVE1	0.411248	0.945897	1.01073	1.01073	0.400589	0.873025	-1.14545	?	?	?	0.870893	0.974742	-1.02591	0.307535	0.842026	-1.18175	0.381105	0.867735	-1.15238	0.0350891	0.673313	-1.48519	0.771192	0.955159	-1.04695	0.519007	1.10852	1.10852	1.20052	0.409178	0.298231	1
cg01146545	ASPH;ASPH;ASPH;ASPH;ASPH	0.411255	0.220943	0.557331	-1.79427	0.942334	0.967667	-1.03341	0.366774	0.656235	-1.52384	0.945343	0.969332	-1.03164	0.0262892	0.302012	-3.31113	0.395835	0.673646	-1.48446	0.187681	0.530292	-1.88575	0.513554	0.740074	-1.35122	0.8641	0.925123	-1.08094	1.18388	3.87007	2.90576	1
cg21427119	HM13;HM13;HM13	0.411265	0.224246	0.350519	-2.85291	0.0660238	0.185209	-5.39931	0.349194	0.454754	-2.19899	0.623506	0.667274	-1.49863	0.120318	0.252136	-3.96611	0.224019	0.351881	-2.84187	0.138681	0.271624	-3.68156	0.309332	0.423052	-2.36377	0.875146	0.879351	-1.1372	1.18888	12.5358	9.41228	1
cg09848947	FAM38A	0.411267	0.577873	0.820483	-1.21879	0.285481	0.676754	-1.47764	0.144376	0.57587	-1.7365	0.113939	1.83175	1.83175	0.603202	0.831458	-1.20271	0.368015	0.722672	-1.38375	0.874434	1.05724	1.05724	0.608746	1.19926	1.19926	0.402283	0.35397	1.35397	1.18385	2.32265	1.74395	1
cg13726899	NOTCH1	0.411274	0.548357	0.79536	-1.36886	0.864596	0.616766	-1.61992	0.99181	0.995352	-1.00467	0.819013	0.868269	-1.15178	0.158791	0.459037	-2.17948	0.306255	0.57834	-1.72909	0.0434959	0.30126	-3.32063	0.175995	0.474329	-2.10425	0.689389	1.2311	1.2311	1.18384	5.02059	3.7622	1
cg05323129	CXCR5;CXCR5	0.411272	0.0996742	0.397942	-2.51291	0.563298	0.74149	-1.34864	0.153022	0.641397	-2.26584	0.834316	0.684839	-1.46052	0.261852	0.550192	-1.81755	0.175026	0.374748	-2.66788	0.230816	0.445612	-2.24434	0.261852	0.755702	-1.32373	0.584579	0.978599	0.986395	-1.01379	1.18384	6.88947	3.67128	1
cg22546122	TPM4	0.411276	0.679336	0.714283	-1.40001	0.510515	1.71652	1.71652	0.615946	1.5059	1.5059	0.886414	1.12266	1.12266	0.359755	0.466634	-2.14301	0.340876	0.451811	-2.21332	0.0690666	0.192692	-5.18963	0.137908	0.274393	-3.64441	0.506751	1.72506	1.72506	1.18383	12.2855	9.22464	1
cg17080740	S100A1;S100A13;S100A13	0.411276	0.351702	0.705048	-1.41796	0.222052	0.42735	-2.34009	0.252308	0.247873	0.547907	-1.82513	0.302956	1.78134	1.78134	0.168356	0.408707	0.626075	0.783333	-1.2766	0.670281	0.808154	-1.23729	0.384154	0.622911	-1.60547	0.0983	1.1221	1.1221	1.18383	4.65039	3.49179	1
cg07374145	ARHGEF2	0.411291	0.761374	1.08246	1.08246	0.154555	1.48647	1.48647	0.234513	1.38194	1.38194	0.683872	1.11238	1.11238	0.365224	1.27382	1.27382	0.440748	0.817555	-1.22316	0.741921	1.08977	1.08977	0.0732248	1.68153	1.68153	0.143591	1.50503	1.50503	1.1838	1.26879	0.952706	1
cg22126171	PPP4A4	0.411299	0.69604	0.842565	-1.18713	0.129698	2.04471	2.04471	0.863393	1.07815	1.07815	0.51158	0.747607	-1.3376	0.0843381	0.434586	-2.30016	0.209005	0.560674	1.78315	0.59092	0.746737	-1.33918	0.5322	0.758476	-1.31843	0.44266	0.710159	-1.40778	1.18378	3.57915	2.68754	1
cg02636906	HYDIN;HYDIN	0.411304	0.434175	0.742743	-1.3952	0.429535	0.606636	-1.64844	0.111387	0.484907	-2.06225	0.253873	0.608319	-1.64422	0.108427	0.484507	-2.07681	0.510769	0.757003	-1.321	0.241761	0.599684	-1.66754	0.882652	1.06358	1.06358	0.0982229	0.469115	-2.13168	1.18377	3.26542	2.45199	1
cg08954307	ATM;ATM	0.411304	0.379289	0.680853	-1.46875	0.882093	0.938707	-1.0653	0.644709	0.970889	-1.02998	0.080273	0.437375	-2.28637	0.0183023	0.353099	-2.83207	0.85312	1.08219	1.08219	0.770623	0.882851	-1.13269	0.861163	1.07759	1.07759	0.871413	0.93329	-1.07148	1.18377	3.40539	2.5571	1
cg24473846	ARFGEF2	0.411305	0.494525	1.15871	1.15871	0.0845054	0.666902	-1.49947	0.244442	0.772149	-1.29509	0.486426	0.850557	-1.17604	0.0944124	0.744251	-1.34283	0.742735	0.932446	-1.07245	0.0860762	0.690883	-1.44958	0.515331	1.15037	1.15037	0.538332	0.876075	-1.14146	1.18377	8.44807	6.13486	1
cg14482322	TARSL2	0.411312	0.374053	0.687055	-1.45549	0.80565	0.903566	-1.10673	0.65056	1.20634	1.20634	0.223627	1.69206	1.69206	0.0567529	2.42796	2.42796	0.578255	1.29588	1.29588	0.552846	0.781156	-1.28015	0.777636	0.890061	-1.12352	0.225681	1.68774	1.68774	1.18375	3.17248	2.38224	1
cg00115980	CRLS1	0.411323	0.300088	0.76535	-1.30659	0.803297	1.09373	1.09373	0.431004	1.2216	1.2216	0.101132	0.694987	-1.56373	0.250379	0.741472	-1.34867	0.240915	0.736584	-1.35764	0.0456706	0.827981	-1.20776	0.509063	1.18153	1.18153	0.406248	1.23564	1.23564	1.18373	1.16288	0.873082	1
cg02873098	NMNAL1;HMOX2	0.411326	0.243654	0.447433	-2.23497	0.688529	1.30419	1.30419	0.152609	1.57243	1.57243	0.486169	1.55441	1.55441	0.64028	0.735867	-1.35894	0.144309	0.21824	-4.58184	0.0593817	0.456205	0.452006	0.621766	1.39707	1.39707	0.987946	0.989926	-1.01018	1.18372	8.14807	6.1186	1
cg09418475	SLC10A3;SLC10A3;SLC10A3;SLC10A3	0.411333	0.135563	0.0798128	-12.5293	0.668103	0.5077	-1.96967	0.967767	1.00657	1.00657	0.2081	0.05116	8.05116	0.218108	7.65992	7.65992	0.134736	0.0793207	-12.6071	0.668083	0.507678	-1.96975	0.814336	1.44731	1.44731	0.906754	1.2022	1.2022	1.18371	46.3034	34.771	1
cg08774483	MID1IP1;MID1IP1;MID1IP1;MID1IP1	0.411334	0.107012	0.266647	-3.75037	0.558837	1.15771	1.15771	0.552375	0.636605	-1.57083	0.486	1.76203	1.76203	0.0660267	2.90216	2.90216	0.105429	0.264761	-3.77699	0.181529	0.344546	-2.90237	0.704973	1.3051	1.3051	0.74937	1.22726	1.22726	1.1837	10.581	7.94566	1
cg21279601	DRD5 PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PG	0.41134	0.195147	2.82001	2.82003	0.208489	2.72706	2.72706	0.695883	0.742884	-1.34611	0.632546	0.694559	-1.43976	0.84949	1.15458	1.15458	0.598668	1.49457	1.49457	0.132843	3.4108	3.4108	0.127143	3.48414	3.48414	0.156189	3.15107	3.15107	1.18369	10.7318	8.05901	1
cg15695952	AP2	0.411343	0.761164	1.03714	1.03714	0.140705	0.827319	-1.20872	0.0715903	0.786097	-1.27211	0.47232	0.916262	-1.09139	0.288751	0.876566	-1.14081	0.322514	0.884926	-1.13004	0.89075	1.01658	1.01658	0.425002	0.907138	-1.10237	0.115513	0.814907	-1.22713	1.18369	0.268284	0.201468	1
cg23029183	CACNB3	0.411348	0.621581	0.696295	-1.43617	0.0489936	0.53169	1.53069	0.0635128	0.56272	-1.56272	0.849195	0.870762	-1.14854	0.202129	1.29908	1.29908	0.649645	1.39474	1.39474	0.442199	0.76041	-1.31494	0.354166	2.23214	2.23214	0.508015	1.76061	1.76061	0.5742	0.619889	-1.61319	1.18358	13.3006	9.98896	1
cg09754607	TCEA2	0.411351	0.20873	0.5491	-1.82107	0.227675	0.172165	0.0838338	0.976962	0.964724	-1.03657	0.727641	0.872995	-1.14596	0.0613257	0.564972	-1.77004	0.140255	0.127626	0.08504	-11.7622	0.0850554	-11.7622	0.0850554	0.0850554	-11.7622	0.0850554	0.0850554	-11.7622	1.18359	0.0850554	-11.7622	1
cg20336857	DNAH9;DNAH9	0.411354	0.973802	0.991885	-1.00818	0.349916	1.26963	1.26963	0.129899	0.666369	-1.50067	0.175551	1.42958	1.42958	0.893457	1.01381	1.01381	0.351997	0.788448	-1.26825	0.893803	0.967405	-1.03369	0.821463	0.945465	-1.05768	0.137553	0.67248	-1.48703	1.18366	1.154	0.866612	1
cg22897130	PAPSS2;PAPSS2;PAPSS2;PAPSS2	0.411359	0.89896	0.908338	1.10093	0.955815	1.0804	1.0804	0.561486	1.15014	1.15014	0.186311	1.33921	1.33921	0.0911	1.76084	1.76084	0.961481	0.988448	-1.01165	0.442387	1.02662	1.02662	0.408853	1.17908	1.17908	0.265561	1.3207	1.3207	1.18365	1.07755	0.809212	1
cg26382697	CDB1	0.411367	0.390992	1.24126	1.24126	0.221158	1.37197	1.37197	0.187736	1.40056	1.40056	1.40056	1.94221	1.94221	0.10792	1.9787	1.9787	0.242215	1.35117	1.35117	0.347841	1.80788	1.80788	0.227042	1.37013	1.37013	0.621699	1.1301	1.1301	1.18363	1.13349	0.851234	1
cg15699874	TIRAP;TIRAP;TIRAP;TIRAP	0.411374	0.0711525	0.552274	-1.81069	0.54875	1.19568	1.19568	0.859911	1.05341	1.05341	0.904767	1.03588	1.03588	0.185862	0.66156	-1.51158	0.287196	0.722164	-1.38473	0.963901	1.01342	1.01342	0.533134	1.20433	1.20433	0.303374	1.36889	1.36889	1.18362	1.62633	1.22136	1
cg14262490	USP32;USP32;USP32	0.411379	0.887255	1.38804	1.38804	0.0999158	1.34	1.34	0.245671	1.45434	1.45434	0.0830308	1.1255	1.1255	0.615671	1.3899	1.3899	0.469602	0.778564	-1.28461	0.814154	1.08399	1.08399	0.460401	1.28635	1.28635	0.930989	1.08472	1.08472	1.12361	0.590366	0.443365	1
cg05343954	KIAA0513	0.411393	0.893671	1.11924	1.11924	0.0422174	1.17921	1.17921	0.12473	0.40518	-2.46855	0.655355	0.684949	-1.45996	0.865567	0.886716	-1.12776	0.565518	1.63123	1.63123	0.354166	2.23214	2.23214	0.508015	1.76061	1.76061	0.5742	0.619889	-1.61319	1.18358	13.3006	9.98896	1
cg20755342	FKYDD;FKYDD;FKYDD;FKYDD	0.411395	0.0781881	1.54264	1.54264	0.154833	0.729247	1.37128	0.0243894	1.32584	1.32584	0.0161	0.703127	1.42287	0.0145893	1.42287	1.42287	0.0729224	0.882399	1.13326	0.0948584	1.05412	1.05412	0.665361	1.09458	1.09458	0.821604	1.14872	1.14872	1.12357	0.907383	0.807883	1
cg19551485	C3orf51;ERC1	0.4114	0.289065	1.45845	1.45845	0.644255	2.16155	2.16155	0.951209	1.02121	1.02121	0.20018	1.59049	1.59049	0.667908	1.15951	1.15951	0.0857481	1.91786	1.91786	0.0480144	2.17072	2.17072	0.7885	1.09658	1.09658	0.858111	0.940479	-1.06329	1.18356	2.20041	1.65542	1
cg04756094	WDR87;SPA31;SIPA1L3	0.411403	0.475485	1.40891	1.40891	0.834116	1.10401	1.10401	0.282584	0.59008	-1.69449	0.750552	0.860122	-1.16263	0.0816943	0.401919	-2.48805	0.42709	0.681754	-1.4668	0.124397	2.1946	2.1946	0.931487	1.04146	1.04146	0.865492	1.08339	1.08339	1.18356	4.18372	3.14211	1
cg14469389	NID2	0.411405	0.274203	0.6	-1.66667	0.0977228	0.343247	0.343247	0.0118187	0.414382	0.414382	0.0258725	0.31016	0.31016	0.0162798	0.317367	0.317367	0.0908	0.131481	0.0755	0.0277	0.453635	0.68645	-1.45677	0.634824	0.78778	0.53661	-1.86355	0.438814	1.4823	1.18355	0.459151	0.639671	1
cg03033398	ZNF746;ZNF746	0.411407	0.580676	0.903489	-1.10682	0.115988	1.36445	1.36445	0.533717	1.12213	1.12213	0.926915	0.983459	-1.01682	0.927887	0.983669	-1.0166	0.973423	1.00608	1.00608	0.0420095	1.53147	1.53147	0.825339	0.960594	-1.04102	0.548339	0.8954	-1.11682	1.18355	0.620228	0.465815	1
cg16343736	DSBP1;DSBP1;DSBP1;DSBP1	0.411411	0.963788	0.98938	1.10093	0.955815	1.04504	1.04504	0.213027	0.563683	-1.77427	0.0208461	-1.08596	0.921547	0.10509	0.617378	0.933384	0.927017	1.07369	1.07369	0.531564	0.792135	1.26262	0.402485	0.907535	1.10224	0.759353	0.737373	-1.35606	1.18354	0.0765152	0.0496146	1
cg25183261	KSR1	0.411425	0.423618	0.679061	-1.47262	0.0416656	0.328852	-3.04088	0.252946	0.58076	-1.76033	0.982151	0.71043	1.01043	0.412457	0.672672	1.48661	0.128319	0.45908	-2.17827	0.654881	0.808094	-1.23748	0.24742	0.563982	-1.77311	0.788244	1.13598	1.13598	1.18351	1.20419	3.15761	1
cg27594583	ATG9B	0.411427	0.808464	1.03809	1.03809	0.522684	1.10485	1.10485	0.761467	1.04797	1.04797	0.706662	0.943471	-1.05992	0.175185	1.24845	1.24845	0.844946	0.970314	-1.03059	0.0666301	0.728673	-1.37236	0.73385	0.948822	-1.05394	0.194032	1.23551	1.23551	1.1835	0.444012	0.333482	1
cg14260083	RAD6L	0.411432	0.991367	0.99938	1.00101	0.998554	1.07388	1.07388	0.151532	1.37497	1.37497	0.423693	1.37947	1.37947	0.423693	1.37947	1.37947	0.72013	0.70959	-1.40926	0.0811393	1.48872	1.48872	0.692342	1.46111	1.46111	0.653805	0.650226	-1.53793	1.18349	17.408	12.7989	1
cg19235645	FAM101A	0.411439	0.432791	1.69648	1.69648	0.192034	1.07489	0.37894	0.81485	1.81485	1.81485	0.660604	0.247036	-4.04799	0.98829	0.990356	-1.00974	0.115132	0.326277	-3.09907	0.928133	1.06137	0.946155	1.04561	1.04561	0.644138	1.3595	1.35951	1.18348	8.1715	6.13747	1
cg18861810	NFASC;NFASC;NFASC;NFASC	0.411440	0.354926	0.625222	1.6	0.0625	1.23223	1.23223	0.0163753	0.354546	-2.82178	0.0446823	0.20009	-4.99978	0.0244809	0.206328	-4.84822	0.668314	1.0166	1.0166	0.944362	1.090939	-1.52726	0.0188782	0.423542	-2.36093	0.0476901	0.950745	-1.05183	1.18348	0.464	0.362966	1
cg26156400	FUND2	0.411445	0.210316	0.40218	-2.48645	0.853337	1.1362	1.1362	0.983383	1.01447	1.01447	0.051798	4.60463	4.60463	0.810137	0.846983	-1.18066	0.202113	0.394849	-2.53262	0.50224	0.625081	-1.59979	0.831645	1.15823	1.15823	0.909096	0.924214	-1.082	1.18345	0.92371	0.70258	1
cg10133462	AKAP13;MAEA	0.411451	0.336497	1.29867	1.29867	0.938403	1.12044	1.02044	0.560562	1.16789	1.16789	0.175838	0.926751	-1.07904	0.552159	0.853323	-1.17189	0.112198	1.57791	1.57791	0.0799297	0.862917	-1.15886	0.4314	0.809147	-1.23587	1.18345	1.30355	0.979098	1
cg00955413	TICAM2	0.411451	0.822968	1.1045	1.1045	0.243891	1.71733	1.71733	0.680389	0.832171	-1.20168	0.583656	0.782327	-1.27824	0.119552	0.472757	-2.11525	0.221938	1.76716	1.76716	0.737252	0.861271	-1.16107	0.18847	1.85529	1.85529	0.510138	0.743551	-1.3449	1.18345	3.68726	2.7695	1
cg13434669	ST6GALNAC3;ST6GALNAC3	0.411454	0.0872554	1.45607	1.45607	0.582359	1.46551	1.46551	0.153611	0.6496	-1.5396	0.120085	0.738308	-1.3543	0.0230852	0.359144	-2.78357	0.181006	0.640919	-1.56025	0.0374262	0.25992	2.05992	0.0481	0.849345	-1.177	0.849345	0.925621	-1.08036	1.18345	2.39507	2.22256	1
cg03007034	ATN10;ATXN10	0.411455	0.398125	0.88146	-1.13448	0.869523	1.02427	1.02427	0.9452	0.990025	-1.01008	0.249262	1.19199	1.19199	0.65578	0.936663	-1.06762	0.030542	0.690266	-1.44872	0.974844	1.00461	1.00461	0.763073	0.956885	-1.04508	0.58266	1.0843	1.0843	1.18344	0.398673	0.299445	1
cg01225201	KIAA1609	0.411461	0.142219	0.580289	-1.72382	0.0974448	0.497247	0.497247	0.141113	0.62237	0.847398	-1.18008	0.618993	1.61623	0.18201	0.491044	1.59279	0.822955	0.907375	-1.07354	0.545326	0.815325	-1.2265	0.262104	0.677041	-1.47702	0.0560664	0.486816	-2.05408	1.18343	2.06442	1.54699	1
cg26190225	RUFY3	0.411464	0.135309	0.718608	1.39218	0.440029	1.17533	1.17533	0.0988011	1.44943	1.44943	0.620039	1.10797	1.10797	0.614481	1.6207	1.6207	0.686775	0.920205	-1.08671	0.216195	1.09135	1.09135	0.998212	1.00046	1.00046	0.183442	0.738877	0.738877	1.18343	0.592458	1	
cg04808632	ATP11A;ATP11A	0.411478	0.562015	0.756662	-1.32159	?	?	0.541196	0.746806	-1.33904	0.950467	1.02999	1.02999	0.0468367	0.338809	-2.95151	0.292026	0.415114	-2.40898	0.794864	1.13193	1.13193	0.430521	0.682026	-1.46622	0.86572	0.92266	-1.08382	1.1774	3.74944	3.18451	1	
cg05893542	TRAF3;TRAF3;TRAF3	0.411485	0.165169	0.623955	-1.60275	0.431868	1.18648	1.18648	0.28526	1.34479	1.34479	0.866006	1.08665	1.08665	0.0466	1.2511	1.2511	0.407346	1.0802	1.0802	0.0988	1.48746	1.48746	0.816197	1.05088	1.05088	0.812052	0.950492	-1.05209	1.18338	1.95055	1.639671	1
cg23933339	CGNL1	0.411491	0.803805	1.07694	1.07694	0.611923	0.858684	-1.16457	0.0877577	0.570529	-1.75276	0.671512	1.13545	1.13545	0.981128	0.992981	-1.00707	0.951851	1.01814	1.01814	0.077148	1.79538	1.79538	0.329831	0.741217	-1.34913	0.712919	0.895789	-1.11633	1.18337	1.66202	1.24843	1
cg25259931	EZH2;EZH2	0.411494	0.505837	0.779312	1.25334	0.423525	0.760847	1.31433	0.696437	0.877153	-1.14008	0.582664	0.830635	-1.2039	0.0771774	0.550705	-1.81692	0.189513	1.19154	1.19154	0.555821	1.22045	1.22045	0.689719	1.14045	1.14045	0.238384	0.661709	-1.51124	1.18336	2.09546	1.57462	1
cg00106164	GKAP1;GKAP1	0.411495	0.543881	1.11683	1.11683	0.470422	1.14119	1.14119	0.294546	1.21597	1.21597	0.532684	0.891011	-1.12225	0.892002	1.02473	1.02473	1.125667	1.34727	1.34727	0.560991	0.899585	-1.11162	0.184023	1.2885	1.2885	0.885672	1.40731	1.40731	1.18336	0.606333	0.455453	1
cg25424200	TMEM106B;TMEM106B	0.411498	0.30952	0.818919	-1.22112	0.707708	0.930952	-1.07417	0.721386	0.934242	-1.07039	0.176774	1.31357	1.31357	0.0619714	1.49069	1.49069	0.668158	0.921346	-1.08537	0.576988	0.898488	-1.11298	0.740147	0.938732	-1.06527	0.469813	0.869636	-1.14991	1.18335	0.676275	0.507993	1
cg27528825	CCDC148;CCDC148	0.411505	0.268436	0.72973	1.37043	0.521621	0.760847	1.31433	0.696437	0.877153	-1.14227	0.582664	0.830635	-1.2039	0.0771774	0.550705	-1.81692	0.189513	1.19154	1.19154	0.555821	1.18307	1.18307	0.0907783	1.32649	1.32649	0.118189	1.90068	1.90068	1.18334	3.84867	2.85102	1
cg10836978	MPP5;MPP5	0.411506	?	?	?	0.422986	0.54581	-1.83214	0.358002	2.01239	2.01239	0.786736	1.22217	1.22217	0.643065	1.41236	1.41236	0.255069	0.24877	-4.02077	0.133204	0.301661	-3.31498	?	?	?	?	1.15874	0.69661	7.70563	1	
cg10436594	ADHF2	0.411511	0.256575	0.1819	-5.23008	0.0145	0.18339	0.18339	0.0144995	0.10992	0.10992	0.600109	0.10992	0.10992	0.0144995	0.10992	0.10992	0.077487	0.0925949	0.0152615	0.0049	0.0152615	0.0049	0.0152615	0.0049	0.0152615	0.0049	0.0152615	0.0049	1.18332	0.623199	1.09046	1.09046	1.18332	0.573528	0.462225	1
cg19345940	SLC45A4	0.411514	0.268887	0.698399	-1.43185	0.462594	0.792072	-1.26251	0.158238	0.624849	-1.60039	0.245978	0.685059	-1.45973	0.639546	1.15841	1.15841	0.814293	0.929274	-1.07611	0.234894	1.47421	1.47421	0.583708	1.18829	1.18829	0.168822	0.633153	-1.5794	1.18332	0.82126	1.3681	1
cg26466970	C3orf57	0.411517	0.736906	1.08918	1.08918	0.799706	1.06653	1.06653	0.213802	1.39325	1.39325	0.126644	1.51985	1.51985	0.96108	0.987713	-1.01244	0.165498	0.879916	-1.13647	0.165444	1.4547	1.4547	0.151767	0.677695	-1.47559	0.895394	0.967221	-1.03389	1.18331	1.20294	0.903638	1
cg22453656	TMEM51;TMEM51;C1orf126 PDLIM5;PDLIM5;PDLIM5;PDLIM5;PDLI	0.411519	0.329614	1.75553	1.75553	0.624363	0.97946	0.97946	0.256524	0.585404	-1.70789	0.183716	0.671386	-1.48955	0.0203731	0.345135	2.89705	0.659502	0.883716	1.13207	0.0795	0.775491	1.29003	0.0111	0.779095	1.28371	0.0111	0.747208	1.33826	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.18329	0.0111	0.745488	1.33826	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00494919	KNDC1	0.413914	0.260877	0.764824	-1.339	1.307428	0.75473	-1.32498	0.107408	0.626253	1.59581	0.601002	1.12472	1.189231	0.690448	1.44833	0.842326	0.948308	-1.05451	0.204429	0.42857	1.42857	0.537041	0.84664	-1.18114	0.398593	0.794389	0.252483	1.13846	0.998652	1
cg01858220	CORO1C	0.411922	0.723355	1.11223	1.113273	0.737505	0.904187	-1.10597	0.933655	0.975369	-1.02525	0.867001	1.05141	1.045141	0.348868	1.13605	0.063259	0.529212	-1.8896	0.418591	1.28147	0.166335	1.56173	0.56173	0.460514	1.25274	1.25274	1.2053	1.67154	1.07864	1
cg17993092	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.411923	0.668748	0.79912	-1.25138	0.756953	0.850667	-1.17555	0.174842	2.12087	2.12087	0.423734	1.5306	1.5306	0.332864	0.594267	-1.68274	0.612327	0.766257	-1.30505	0.156768	0.454272	-2.20133	0.425165	1.52851	1.52851	0.183094	0.479045	-2.08749	1.82443	5.08304	3.82116	1
cg21585409	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.411931	0.245465	1.64161	1.64161	0.803617	1.107	1.107	0.408798	0.708413	-1.41161	0.276394	1.58721	1.58721	0.662971	1.19594	1.19594	0.308369	1.53768	1.53768	0.05608	0.53	2.40816	2.40816	0.227727	1.67642	1.67642	0.272088	1.59301	1.59301	0.18241	3.11799	2.34398	1
cg22670329	CXCL6	0.411931	0.392874	0.573908	-1.74244	0.0182667	0.162443	-6.15599	0.538294	0.67348	-1.48483	0.561656	0.689154	-1.45105	0.399691	0.578713	-1.72797	0.570335	0.69497	-1.43891	0.187808	0.41251	-2.42419	0.797756	0.849668	-1.17693	0.583253	0.703624	-1.42121	1.82441	7.53712	5.6661	1
cg26868663	CLTN2	0.411935	0.266666	0.766544	-1.30446	0.997187	0.999191	-1.00081	0.992981	0.997081	-1.00202	0.28189	-1.77444	-1.29202	0.942072	0.920017	-1.07882	0.593551	1.13096	1.13096	0.8606835	1.62551	1.62551	0.275387	1.29781	1.29781	0.603662	1.88664	-1.12785	1.4224	2.98892	1.742962	1
cg25932869	URWD1	0.411937	0.396039	1.86718	1.86718	0.491716	1.80815	1.80815	0.103259	0.277953	-3.59773	0.552845	0.649635	-1.53933	0.177992	0.357616	-2.7963	0.632991	1.41288	1.41288	0.222934	2.50947	2.50947	0.911371	0.923121	-1.08328	0.717782	0.770467	-1.29791	1.1824	9.66558	7.26626	1
cg15840948	IGF1R	0.411941	0.526809	1.29018	1.290018	0.218534	1.54112	1.54112	0.36025	0.730251	-1.36939	0.972357	0.988444	-1.01169	0.971315	0.59898	-1.66961	0.808672	1.08446	1.08446	0.375679	1.61812	1.61812	0.894067	0.924258	-1.08192	0.545268	0.81497	-1.22704	1.18239	2.09187	1.57261	1
cg16628188	ATP11A;ATP11A	0.411945	0.922561	1.07474	1.07474	0.135885	0.303796	-3.29168	0.142228	1.30148	-3.22078	0.587231	1.50131	1.50131	0.652446	-1.75459	-1.39946	0.456905	0.570255	-1.7536	0.771165	1.24077	1.24077	0.158388	1.05821	1.05821	0.402098	1.7399	1.7399	1.18238	10.2917	7.73708	1
cg19032705	SH3PXD2B	0.411948	0.374604	0.382393	-2.61511	0.123348	0.17193	-5.81632	0.785349	1.33372	1.33372	0.867374	0.838366	-1.1928	0.0701699	0.118202	-8.46008	0.537254	0.517377	-1.93283	0.122392	0.171031	-5.84688	0.199008	0.239691	-4.17205	0.469025	0.459751	-2.17509	1.82838	20.8362	15.6643	1
cg18088712	CROCC1;2	0.411952	0.819376	1.15851	1.04115	0.313083	0.84262	-1.1562	0.526358	0.804258	1.04208	1.042708	0.211882	1.249994	0.115853	1.44005	1.44005	0.457326	1.13824	1.13824	0.0599729	1.46645	1.46645	0.955209	1.00964	-1.00964	0.691434	0.934028	-1.07063	1.18237	0.548041	0.41201	1
cg18131106	ABCB10	0.411953	0.976767	1.0052	1.0052	0.106912	1.3681	1.3681	0.465119	1.14154	1.14154	0.191298	1.27937	1.27937	0.279275	1.22178	1.22178	0.658348	1.08246	1.08246	0.340837	0.839634	-1.191	0.6834	1.07575	1.07575	0.0949467	1.38648	1.38648	1.38237	0.593789	0.446403	1
cg25822535	WIBG;WIBG	0.411954	0.613434	1.16873	1.16873	0.4208845	1.23622	1.23622	1	1	1	1	1.2699	1.2699	0.807639	-1.23385	0.757977	1.02922	1.02922	0.23535	0.683398	-1.46328	0.219449	1.48477	1.48477	0.1.24406	1.24406	0.829796	0.939232	-1.06811	1.13634	1.55151	1.31893	1
cg12661229	C3orf54	0.411962	0.799885	1.06534	1.06534	0.970127	1.00937	1.00937	0.234003	1.36463	1.36463	0.745192	0.921959	-1.08465	0.275462	1.30971	1.32671	0.87354	0.961087	-1.04049	0.0463916	0.566367	-1.76564	0.393836	0.80442	-1.24313	0.877744	1.0391	1.0391	1.38235	1.16266	0.874085	1
cg23250439	RPL11	0.411962	0.200568	0.645519	-1.54914	0.318057	1.39671	1.39671	0.412962	0.762627	-1.31126	0.130671	0.589523	-1.69629	0.405165	1.31751	1.31751	0.392389	1.32801	1.32801	0.721844	0.890717	-1.12269	0.828392	0.932131	-1.07281	0.312674	1.4023	1.4023	1.28235	1.9628	1.47563	1
cg16049975	TMEM161A	0.411971	?	?	?	?	0.778892	1.12179	1.12179	0.454333	1.36505	1.36505	0.834914	0.918321	-1.08894	0.923175	0.96442	-1.03686	0.446172	1.19958	1.19958	0.46195	1.19184	1.19184	0.527213	1.16198	1.16198	0.0751177	0.628977	-1.58988	1.18227	1.02831	0.773135	1
cg27284339	OSBPL5;OSBPL5;OSBPL5	0.411985	0.0928188	0.562786	-1.77687	0.281993	0.706421	-1.41559	0.679888	1.13766	1.13766	0.597678	1.18004	1.18004	0.138205	0.608054	-1.64243	0.972251	1.01087	1.01087	0.423112	1.2896	1.2896	0.230671	0.676464	-1.47828	0.933377	0.974344	-1.02633	1.1823	1.80937	1.36034	1
cg03428514	POM121L9P	0.411993	0.617905	0.915704	-1.09206	0.29748	0.927675	-1.2082	0.588932	0.959299	-1.09999	0.520583	0.892326	-1.13079	0.119145	0.749691	-1.34468	0.116777	0.742005	-1.3477	0.199994	1.26754	1.26754	0.687627	0.931668	-1.07334	0.582972	1.10197	1.10197	1.18228	0.574172	0.431688	1
cg08253808	WDR20	0.411997	0.629393	1.89229	-1.99	0.125481	0.685873	-1.458	0.190824	0.851222	-1.17478	0.537598	1.15751	1.15751	0.73221	1.08136	1.08136	0.446172	1.19958	1.19958	0.46195	1.19184	1.19184	0.527213	1.16198	1.16198	0.0751177	0.628977	-1.58988	1.18227	1.02831	0.773135	1
cg18709605	FICD	0.412001	0.639296	0.865258	-1.15572	0.402107	1.3007	1.3007	0.135834	1.63688	1.63688	0.620442	0.858085	-1.16539	0.574028	0.840182	-1.19022	0.363775	0.751152	-1.33129	0.0739109	1.84175	1.84175	0.711993	0.892537	-1.1204	0.730646	1.11177	1.11177	1.18226	1.76005	1.3233	1
cg01187505	ANO3	0.412003	0.283776	1.1585	1.1585	0.144115	0.740664	-1.35044	0.04076	1.24076	0.579884	1.07667	1.07667	0.506568	1.09312	1.09312	0.834124	1.02809	1.02809	1.02809	1.02809	0.0399034	0.736668	-1.3581	0.623891	0.937598	1.06566	-1.06566	0.599395	1.07254	1.07254	0.381278	1.12597	1.12597	0.326827	0.245728	1
cg22180738	PAM;S2A6	0.412011	0.0794268	0.556202	-1.79791	0.264864	0.704605	-1.41924	0.0839281	0.562014	-1.77931	0.948757	0.980822	-1.01955	0.304331	0.725762	-1.37786	0.210488	0.671951	-1.4882	0.885374	1.04442	1.04442	0.731804	1.10922	1.10922	0.852726	0.945546	-1.05759	1.18224	1.69977	1.278	1
cg25136071	CEP72	0.412012	0.475963	0.705546	-1.41734	0.109049	0.70153	-1.42543	0.0729504	0.555	-1.80179	0.879659	0.970539	-1.03048	0.146462	0.678573	-1.47339	0.601556	0.644888	1.55202	0.0127492	0.680159	0.644888	1.55202	0.0127492	0.680159	-1.47104	0.654014	0.839495	-1.19119	1.18224	2.2376	1.69409	1
cg23021584	NCOR2;NCOR2	0.412043	0.196436	0.637921	-1.56759	0.532374	0.812086	-1.2314	0.277746	0.689701	-1.4499	0.713996	0.885902	-1.12879	0.89396	0.957056	-1.04487	0.780453	0.09633	0.10633	0.291507	1.43367	1.43367	0.179099	1.59957	1.59957	0.156729	0.607422	-1.6463	1.18217	2.02814	1.52498	1
cg02507810	FAM57B	0.412043	0.390333	0.895334	-1.1169	0.31058	1.140186	1.140186	0.148369	1.21498	1.21498	0.294431	1.14635	1.14635	0.437003	0.905207	-1.10472	0.747137	1.04147	1.04147	0.53032	0.92326	-1.08312	0.298476	0.8734	-1.14495	0.254138	1.16133	1.16133	1.18217	0.295377	0.222097	1
cg18067644	CELSR1	0.412054	0.621451	1.48018	1.48018	0.10886	0.2094058	2.221551	2.221551	1.34875	1.34875	0.973563	1.09284	1.09284	0.981741	1.45427	1.45427	0.939304	1.49577	1.49577	0.0566107	0.644553	1.72768	1.72768	0.0284276	0.84734	1.17127	1.17127	1.18167	1.18168	0.29888	0.99207	1
cg18371428	PTPRN2;PTPRN2;PTPRN2	0.412069	0.767438	1.08443	1.08443	0.0949042	1.65135	1.65135	0.05518	1.81143	1.81143	0.732228	0.910403	-1.09842	0.794872	1.07381	1.07381	0.356169	1.29613	1.29613	0.261388	1.37727	1.37727	0.610298	0.868945	-1.15082	0.971292	1.00971	1.00971	1.18212	1.39843	1.05155	1
cg20873642	C12orf35	0.412087	0.715673	0.844239	-1.18443	0.16907	0.745472	-1.34172	0.153272	0.935362	-1.06945	0.810486	0.970948	-1.03029	0.454206	1.13332	1.13332	0.232668	0.823714	-1.21407	0.183966	0.770883	-1.29726	0.615369	0.931221	1.07373	0.0903553	0.748355	-1.33611	1.18211	0.640721	0.43465	1
cg10281770	WDR45L	0.412112	0.0713312	0.385807	-2.5779	0.381044	0.614601	-1.62707	0.532885	0.710204	-1.40805	0.603869	0.753077	-1.32789	0.402423	0.63236	-1.58138	0.211494	0.490094	-2.04042	0.113725	0.393625	-2.54049	0.080965	0.350415	-2.85376	0.727728	0.827487	1.20848	1.18202	1.49506	4.13232	1
cg10845073	TNPO1;TNPO1	0.412115	0.269834	0.737303	-1.35629	0.725478	0.910733	-1.09802	0.705998	0.904371	-1.10574	0.643936	1.13139	1.13139	0.226939	1.39998	1.39998	0.641462	1.13245	1.13245	0.130687	0.648632	-1.54175	0.132122	1.53884	1.53884	0.785252	1.07513	1.07513	1.18202	1.3169	0.990123	1
cg16424361	KRR1;KRR1;LACTB2	0.412116	0.752837	1.14483	1.14483	0.0907347	1.53172	1.53172	0.335824	1.42921	1.42921	0.278882	1.25806	1.25806	0.687917	1.53922	1.53922	0.400808	1.72713	1.72713	1.25806	0.687917	1.53922	1.53922	0.400808	1.72713	?	?	?	?	1.18203	1.18.723	1.14275	1
cg22944662	LOC100302401;RASAL2	0.412123	0.842623	1.03419	1.03419	0.830672	1.03682	1.03682	0.702182	1.06709	1.06709	0.634506	0.921285	-1.08544	0.314349	0.838629	-1.19242	0.050765	0.686301	-1.45709	0.408803	0.866849	-1.1536	0.181787	1.27091	1.27091	0.642068	0.923881	-1.08239	1.182	0.535539	0.402737	1
cg09870606	GLG1;GLG1;GLG1;GLG1;GLG1	0.412124	0.7.4.4.4.4	0.7.4.4.4.4	0.7.4.4.4.4

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 BAT3;BAT3;BAT3 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg18892239	BAT3;BAT3;BAT3	0.412547	0.940212	0.980789	-1.01339	0.905588	1.02508	1.02508	0.34699	1.22244	1.22244	0.726605	0.926087	-1.07633	0.638292	1.1039	1.1039	0.920707	1.021	1.021	0.0284445	0.582807	-1.71584	0.649474	1.10024	1.10024	0.386419	1.20366	1.20366	1.18108	0.815317	0.613611	1
cg04579095	H1	0.412553	0.586424	1.14734	1.14734	0.879528	0.962762	-1.03868	2.004721	0.715459	-1.1977	0.12126	1.52251	1.52251	0.537225	0.855282	-1.1692	0.379638	0.798112	-1.25396	0.905123	0.970606	-1.03028	0.126214	1.5128	1.5128	0.746783	0.922138	-1.08444	1.181007	1.17105	0.881343	1
cg22767677	KIAA1009	0.412554	0.640352	0.935985	-1.06839	0.190101	1.21544	1.21544	0.815335	0.667608	-1.03348	0.908377	0.582494	-1.01782	0.148405	1.24352	1.24352	0.428757	1.12028	1.12028	0.62944	0.933928	-1.07075	0.0899049	0.995465	0.995465	0.210454	1.18107	0.369746	0.276276	1
cg27506886	ZNF345	0.412557	0.147961	0.692213	-1.44464	0.642996	0.895271	-1.11698	0.759978	1.07533	1.05024	0.69383	-1.44128	0.557906	1.15079	1.15079	0.159707	1.38374	1.23562	1.23562	0.227097	1.35059	1.35059	0.966149	0.989992	-1.01011	0.301657	1.28869	1.28869	1.18106	1.05072	0.790792	1
cg04942832	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.412558	0.103312	0.280694	-1.59526	0.422754	1.79297	1.79297	0.761033	0.804526	-1.24297	0.29839	0.463662	-1.25674	0.0908809	0.264998	-3.77364	0.174552	0.357098	-2.80043	0.375708	0.522961	-1.91219	0.841304	0.866798	-1.15367	0.433153	0.563802	-1.77367	1.18106	0.91502	7.15788	1
cg11382761	APBB2;APBB2;APBB2	0.412572	0.973727	1.01427	1.01427	0.989777	0.994501	-1.00553	0.839011	1.09149	1.09149	0.75878	1.14175	1.14175	0.0442725	0.36993	-2.70322	0.526021	1.31855	1.31855	0.756635	1.14315	1.14315	0.922525	0.958998	-1.04275	0.0928811	0.451256	-2.21604	1.18103	3.46468	2.60765	1
cg17066452	HS2ST8	0.412584	0.506291	0.790424	-1.26514	0.242666	1.51178	1.51178	0.592979	1.97267	1.97267	0.226242	1.55761	1.55761	0.150756	0.640078	1.20015	1.20015	0.274323	1.48091	1.48091	0.947915	0.977482	-1.01934	0.208687	1.58759	1.58759	0.553774	0.811455	-1.23255	1.181	2.2751	1.71236	1
cg00524179	HOXA3	0.412585	0.297154	2.18352	2.18352	0.268196	0.230884	2.30884	0.191796	2.73185	2.73185	0.739634	0.398661	2.29249	0.264068	2.36435	2.36435	0.27019	2.29223	2.29223	0.621665	0.698094	-1.43247	0.384102	1.90559	1.90559	0.0640898	0.496496	1.181	9.76413	7.34905	1
cg21580067	PSD3;PSD3	0.412592	0.408084	1.92509	1.92509	0.308859	2.25965	2.25965	0.0423089	6.1123	6.1123	0.218439	2.72366	2.72366	0.707895	0.74726	-1.33822	0.668786	0.716682	-1.39532	0.309201	2.25825	2.25825	0.249783	2.537	2.537	0.655577	1.41551	1.41551	1.18099	11.2063	8.43462	1
cg20453766	CRISPLD2	0.412592	0.873254	1.89167	1.89167	0.0802264	1.24381	1.24381	0.402913	0.919732	-1.07275	0.414596	1.15089	1.15089	0.366887	0.869555	-1.14994	0.940034	1.94742	1.94742	0.0251	0.733887	-1.3589	0.0497414	1.55859	1.55859	0.0144558	0.295915	1.181	1.05484	1.05484	1.18099	0.944558	0.295915	1
cg00568641	RPL26L1;LOC100268168;LOC100268168	0.412601	0.209062	0.596338	-1.6769	0.392064	1.52372	1.52372	0.336631	0.62197	-1.60935	0.509579	1.37894	1.37894	0.614485	1.27805	1.27805	0.611692	1.23876	1.23876	0.173509	0.498804	-2.00479	0.173112	0.498445	-2.00624	0.328842	1.62263	1.62263	1.18097	4.31482	3.24767	1
cg19080320	FOXK1	0.412609	0.697428	1.11796	1.11796	0.139308	1.57475	1.57475	0.184496	1.49441	1.49441	0.963995	0.987199	-1.01297	0.951479	1.01752	1.01752	0.0483895	1.90351	1.90351	0.172904	1.51279	1.51279	0.91013	1.03275	1.03275	0.989355	0.9962	-1.00381	1.18095	1.52353	1.14674	1
cg09676630	FBXL1	0.412624	0.282295	0.610716	-1.63742	0.805321	1.11515	1.11515	0.940567	1.02832	1.02832	0.745193	1.1548	1.1548	0.131104	0.487014	-2.05333	0.192444	1.83838	1.83838	0.331077	1.55678	1.55678	0.366331	1.50625	1.50625	0.247633	1.70487	1.70487	1.18092	3.64335	2.74239	1
cg06894464	EML1;EML1	0.412628	0.380517	1.37632	1.37632	0.713574	0.880272	-1.13601	1	0.780277	1	0.483408	0.777597	-1.28665	0.318764	0.83863	-1.19281	0.260017	1.24165	1.24165	0.0727118	0.77898	-1.28403	0.617545	-1.62405	0.781721	1.10276	1.10276	0.924387	0.967947	-1.03397	0.105909	0.526288	1.0001	1.22481	1.2449	1
cg01800455	DNAH3	0.412631	0.685531	1.1099	1.1099	0.72066	0.912136	-1.09633	0.330161	0.773075	-1.29354	0.816744	0.942278	-1.06126	0.443536	1.22151	1.22151	0.769376	1.07821	1.07821	0.224873	1.38612	1.38612	0.107021	0.637216	-1.56933	0.143436	0.668519	-1.49584	1.8089	1.22695	0.923552	1
cg21548658	COL6CT1;COL6CT1	0.412639	0.189078	0.539835	-1.85092	0.299347	0.585302	1.70873	0.0638907	0.355078	-2.81628	0.688521	0.814017	-1.22847	0.0815404	0.583085	-2.61039	0.786848	0.873973	-1.1442	0.174383	0.487688	-2.05049	0.83893	0.903796	-1.10644	0.508313	0.716402	-1.39586	1.18088	4.61978	3.47745	1
cg26661266	ATP2B2;ATP2B2	0.412641	0.526866	0.758274	-1.31878	0.0731458	2.71087	2.71087	0.206777	1.94344	1.94344	0.248834	0.54799	-1.82483	0.914867	0.98363	-1.01686	0.560017	1.24165	1.24165	0.0727118	0.627238	1.27661	1.27661	0.551326	1.35092	1.35092	0.663968	0.804919	-1.24375	0.938065	1.64535	1.54	1.18088	4.65735	3.50575	1
cg26303777	GAUNT2	0.412642	0.397379	1.73071	1.73071	0.579351	0.427106	-2.34134	0.398589	3.71754	3.71754	0.392957	0.26459	-3.77943	0.461883	3.12035	3.12035	0.28881	0.187692	-5.32789	0.778343	1.53532	1.53532	0.169139	0.108	-9.25922	0.147528	10.6019	10.6019	1.18088	43.1711	32.4964	1
cg04847649	PLCH2	0.412654	0.877505	0.910561	-1.09791	0.0413241	1.54485	1.54485	0.134997	2.45378	2.45378	0.195355	0.968241	-1.07833	0.859099	0.96324	-1.03793	0.962696	1.02068	1.02068	0.882229	0.65108	1.53599	0.914946	0.842221	1.06132	0.339321	0.577734	1.7309	1.1085	5.80405	4.369	1
cg24175968	C7orf31	0.412666	0.351644	0.716431	-1.39581	0.122108	0.558257	-1.79129	0.905026	0.959325	-1.0424	0.872018	1.05769	1.05769	0.139154	0.574777	-1.73981	0.764483	1.10119	1.10119	0.101236	0.535619	-1.867	0.404448	1.34552	1.34552	0.877423	0.947172	-1.05516	1.18083	2.2635	1.70389	1
cg10669449	ATG5 ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG13;ALG	0.412668	0.58589	0.824682	-1.21259	0.120672	0.554462	-1.80355	0.0634658	0.48132	-2.07762	0.841367	0.932193	-1.07274	0.488039	1.27998	1.27998	0.718595	0.880919	-1.13518	0.978273	0.990503	-1.00959	0.119627	0.553385	-1.80706	0.835213	0.929613	-1.07572	1.18082	2.29605	1.7284	1
cg12128683	ALG13;ALG13;ALG13;ALG13;ALG	0.412669	0.408171	2.626883	-3.80397	2.004312	0.120579	-8.29333	0.447629	3.39477	3.39477	0.703925	1.82753	1.82753	0.0694213	24.7095	24.7095	0.257953	0.150119	-6.65081	0.798742	0.667981	-1.49705	0.806856	1.4723	1.4723	0.767619	1.59673	1.59673	1.18082	46.6409	35.11	1
cg07427577	UFSP2;UFSP2	0.412688	0.648485	1.4891	1.4891	0.431882	2.00551	2.00551	0.214809	0.322116	-3.10447	0.413377	2.06569	2.06569	0.842332	1.1886	1.1886	0.939703	0.936477	-1.06783	0.145911	3.87428	3.87428	0.121121	0.232669	-4.29794	0.466146	1.90291	1.90291	1.18078	14.0747	10.5954	1
cg19443751	ZNF829;ZNF568;ZNF568	0.412693	0.053404	4.38079	4.38079	0.0966824	1.24331	1.24331	0.641028	1.36371	1.36371	0.327337	0.545074	1.83465	0.0889018	1.83465	1.83465	0.269393	2.1463	2.1463	0.828833	0.866817	-1.15365	0.794669	0.950192	-1.05241	0.844178	1.68056	1.68056	1.18053	8.12574	5.25125	1
cg18188891	CUX1;CUX1;CUX1	0.412695	0.578422	0.600818	-1.66444	0.215416	2.26549	1.26549	0.0363599	0.09878	9.09878	0.408688	2.15317	2.15317	0.712985	1.39839	1.39839	0.628979	0.642835	-1.55561	0.293233	2.69006	2.69006	0.412083	2.14074	2.14074	0.945306	1.06425	1.06425	1.18076	15.4039	11.5962	1
cg25214561	ATG7;ATG7;ATG7	0.412706	0.87573	0.898636	-1.1128	0.169045	0.367635	-2.72009	0.0471264	0.211932	-4.71849	0.956687	0.963588	-1.03779	0.293405	2.10504	2.10504	0.597391	1.43908	1.43908	0.584925	0.686134	-1.45744	0.746282	1.2482	1.2482	0.803659	1.18545	1.18545	1.18074	8.72169	6.56589	1
cg12300084	TTYH3	0.412714	0.241159	0.672363	-1.48736	0.0958167	1.27587	1.27587	0.0138402	0.781127	-1.27987	0.0921457	0.781127	-1.27987	0.0921457	1.24335	1.24335	0.876977	-1.14682	0.902157	0.0402237	1.15405	1.15405	0.866859	0.956545	-1.04557	0.0800347	0.576003	-1.73567	0.0703609	0.29295	1
cg05271536	ARMC5;ARMC5	0.412716	0.974644	0.993213	-1.00683	0.121981	1.43218	1.43218	0.54925	1.13866	1.13866	0.473088	1.36959	1.36959	0.111261	1.45027	1.45027	0.521497	1.14939	1.14939	0.0769532	1.52418	1.52418	0.484107	0.858666	-1.1646	0.547038	1.1395	1.1395	1.18072	0.858685	0.64645	1
cg11105794	DIP2C	0.412721	0.581553	0.870862	-1.14858	0.0454424	1.34186	1.34186	0.141153	1.77705	1.77705	0.717367	1.49827	1.49827	0.0774045	0.87216	0.87216	0.705394	1.28602	1.28442	0.189372	1.37418	1.37418	0.849371	1.84731	1.84731	0.0557172	1.82756	1.82756	1.18071	0.955172	0.719535	1.19405	1.18082	1.18082	1
cg26572980	TMCO7	0.412736	0.290872	0.625299	-1.59924	0.3311134	1.53655	1.53655	0.0535737	2.5576	2.5576	?	?	?	?	?	?	0.759765	1.14041	1.14041	0.804294	1.11222	1.11222	0.652684	1.21417	1.21417	0.528256	1.31484	1.31484	1.16668	2.63718	2.58332	1
cg17599241	VCAN;VCAN;VCAN;VCAN	0.412741	0.562992	0.691391	-1.44636	0.0350079	0.212352	-4.70015	0.364099	0.55511	-1.80145	0.960618	1.08031	1.08031	0.280148	0.49238	-2.03095	0.444251	0.611273	-1.63593	0.294893	0.503809	-1.98488	0.213545	0.437534	-2.28554	0.63317	1.35452	1.35452	1.18067	7.44736	5.6069	1
cg10978884	AMMECR1;AMMECR1;AMMECR1	0.412743	0.115486	0.6917	-1.44572	0.805442	1.31576	1.31576	0.717367	1.49827	1.49827	0.0774045	0.87216	0.87216	0.705394	1.14567	1.14567	0.360468	0.351553	-2.84421	0.389912	0.37543	-2.66361	0.198664	0.00186	0.00186	0.878184	1.18596	1.18596	1.18066	23.1207	17.407	1
cg12947626	TGM2;TGM2	0.412753	0.116707	1.74103	1.74103	0.64348	0.859312	-1.16372	0.551899	0.822181	-1.21628	0.216545	1.52658	1.52658	0.998354	1.00067	1.00067	0.174075	0.624755	-1.60063	0.77444	0.910764	-1.09798	0.477749	0.790719	-1.26467	0.304558	1.41325	1.41325	1.18064	1.97886	1.48986	1
cg20146965	EHMT2;EHMT2	0.412754	0.928752	0.938232	-1.06557	0.152804	1.49156	1.49156	0.332	1.82302	1.82302	0.0700923	0.62749	1.59247	0.745184	1.35122	1.35122	0.997657	1.00134	1.00134	0.992487	0.748585	-1.33597	0.464507	0.748597	-1.33587	0.464561	1.11742	1.11742	1.18063	1.42402	-2.36691	1.18064	1.14547	1.10581	1
cg08140634	FLJ39582;FLJ39582;THAP7;THAP7	0.412757	0.13997	0.552401	-1.81028	0.436423	0.743252	-1.34544	0.723251	1.14211	1.14211	0.380883	1.39921	1.39921	0.719048	1.1443	1.1443	0.234477	0.627659	-1.59322	0.607283	0.823868	-1.21379	0.137278	1.81876	1.81876	0.470132	0.760309	-1.31525	1.18063	2.61166	1.9663	1
cg00605982	SLC6A11	0.412758	0.242335	0.777094	-1.28685	0.568147	1.12626	1.12626	0.166563	1.35526	1.35526	0.528633	0.87672	-1.14062	0.461754	0.856917	-1.16697	0.516719	1.14511	1.14511	0.683614	1.08812	1.08812	0.619787	0.902051	-1.10858	0.0958046	1.45796	1.45796	1.18063	0.79428	0.598009	1
cg05436239	TMEM175	0.412765	0.282807	0.732261	-1.36592	0.152804	1.49156	1.49156	0.332	1.82302	1.82302	0.0700923	0.62749	1.59247	0.745184	1.35122	1.35122	0.997657	1.00134	1.00134	0.992487	0.748585	-1.33597	0.464507	0.748597	-1.33587	0.464561	1.11742	1.11742	1.18063	1.42402	-2.36691	1.18064	1.14547	1.10581	1
cg08140634	FLJ39582;FLJ39582;THAP7;THAP7	0.412757	0.13997	0.552401	-1.81028	0.436423	0.743252	-1.34544	0.723251	1.14211	1.14211	0.380883	1.39921	1.39921	0.719048	1.1443	1.1443	0.234477	0.627659	-1.59322	0.607283	0.823868	-1.21379	0.137278	1.81876	1.81876	0.470132	0.760309	-1.31525	1.18063	2.61166	1.9663	1
cg00605982	SLC6A11	0.412758	0.242335	0.777094	-1.28685	0.568147	1.12626	1.12626	0.166563	1.35526	1.35526	0.528633	0.87672	-1.14062	0.461754	0.856917	-1.16697	0.516719	1.14511	1.14511	0.683614	1.08812	1.08812	0.619787	0.902051	-1.10858	0.0958046	1.45796	1.45796	1.18063	0.79428	0.598009	1
cg05436239	TMEM175	0.412765	0.282807	0.732261	-1.36592	0.152804	1.49156	1.49156	0.332	1.82302	1.82302	0.0700923	0.62749	1.59247	0.745184	1.35122	1.35122	0.997657	1.00134	1.00134	0.992487	0.748585	-1.33597	0.464507	0.748597	-1.33587	0.464561	1.11742	1.11742	1.18063	1.42402	-2.36691	1.18064	1.14547	1.10581	1
cg13700969	BAHCC1	0.412768	0.958726	0.984333	-1.01592	0.790488	0.921964	-1.08464	0.580432	1.18573	1.18573	0.701202	1.12484	1.12484	0.203164	0.663719	-1.50666	0.994245	1.0022	1.0022	0.04295	0.491223	-2.03873	0.23983	0.692308	-1.44444	0.499669	1.23254	1.23254	1.18061	1.74092	1.31076	1
cg04322110	RHBDF1	0.412773	0.393838	1.40454	1.40454	0.0792353	0.642562	-1.55633	0.540321	0.760238	-1.31572	0.367964	0.39125	-2.55602	0.0972736	0.36528	-2.73802	0.809427	1.34575	1.34575	0.644951	1.20493	1.20493	0.311842	0.20583	2.05853	0.424775	1.41728	1.41728	1.18061	2.01853	1.51705	1
cg10191005	DIO3OS	0.412774	0.0945076	0.459893	-2.17442	0.0913028	0.455695	-2.19445	0.243884	0.59733	-1.67412	0.515589	0.524284	-1.90736	0.14003	0.51119	-1.95622	0.777387	0.887105	-1.12726	0.396604	0.692903	-1.4432	0.362659	0.673402	-1.485	0.35495	0.668866	-1.49507	1.1806	3.33967	2.51449	1
cg21377370	NAT15;NAT15;NAT15	0.412777	0.109044	0.756399	-1.32205	0.83084	0.964303	-1.03687	0.968971	1.00623	1.00623	0.938771	0.845112	-1.18327	0.350186	0.952213	-1.05019	0.102928	0.751996	-1.32979	0.0813251	0.122984	1.22984	0.347903	0.862642	-1.15933	0.08372	1.04058	1.04058	1.18059	0.647207	0.559299	1
cg17752576	DPYD;DPYD	0.412786	0.396868	0.584126	-1.71196	0.0797755	0.299727	-3.33637	0.498693	0.53093	0.53093	0.907055	0.57507	-1.73907	0.365951	0.56235	-1.77825	0.64365	0.61134	-1.63575	0.232655	0.460415	-2.17195	0.11248	0.942735	-2.91771	0.70475	1.26607	1.26607	1.18057	7.18074	5.4643	1
cg20693690	TCF7L1	0.412789	0.993768	0.995108	-1.00492	0.475723	1.57676	1.57676	0.124341	2.84292	2.84292	0.493079	1.54817	1.54817	0.541757	0.678531	-1.47377	0.730206	0.804637	-1.2428	0.253709	0.472297	-2.11731	1.12875	0.356712	-2.80338	0.454693	1.61308	1.61308	1.18056	7.37152	5.55029	1
cg23157440	TMX2;ME1D19;TMX2;TMX2	0.412792	0.367513	0.8399	-1.19048	0.0994497	0.80797	-1.23795	0.125018	0.75505	?	?	?	?	?	?	?	0.665462	0.719896	-1.38965	?	?	0.555234	1.16339	0.384563	0.314951	-3.17351	0.18854	1.23889	1.23889	1.18055	0.94097	0.760007	1
cg07596290	C11orf51	0.412798	0.429402	1.37925	1.27925	0.346712	0.749313	-1.34424	0.756437	0.909385	-1.09964	0.535419	1.2112	1.2112	0.985741	0.994559	-1.00547	0.739141	1.83936	1.83936	0.215185	0.671457	-1.4893	0.288841	0.704514	-1.39955	0.936695	1.02337	1.02337	1.18054	1.74274	1.31219	1
cg13516837	C15orf27	0.412802	0.37752	0.774832	-1.29096	0.264596	2.71914	2.71914	0.495427	0.635051	-1.62588	0.202067	0.464229	-2.15458	0.391971	0.564359	-1.81512	0.784145	0.775883	-1.28859	0.616973	0.923813	1.0201	-4.9E49	0.99992	0.470334	-2.12615	1.18053	0.218615	6.64123	1
cg21286950	AFF3;AFF3 PQBP1;TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;TIMM17B;PQBP1;PQBP1;PQBP1;PQBP	0.412802	0.158387	0.730005	-1.36986	0.380034	0.828664	-1.20676	0.51538	0.871392	-1.14759	0.948971	0.986731	-1.01345	0.226508	0.767231	-1.30339	0.809927	0.950953	-1.05158	0.0881983	1.44092	1.44092	0.791133	0.946108	-1.05699	0.494285	1.15588	1.15588	1.18053	0.249437	0.619235	1
cg10303436	1-PQBP1-PQBP1	0.412808	0.103363	0.161916	-6.17604	0.618008	0.59821	-1.67165	0.533921	0.525263	-1.90381	0.207867	3.8853	3.8853	0.413821	2.34855	2.34855	0.159768	0.215398	-4.64256	0.867351	1.18631	1.18631	0.93263	1.09026	1.09026	0.486567	2.05961	2.05961	1.18052	19.5293	14.7048	1
cg18097581	AKAP9L	0.412811	0.467627	0.780193	-1.63839	0.207368	0.639845	-1.56288	0.684765	1.14691	1.14691	0.230636	1.52552	1.52552	0.0140238	0.772269	-1.295	0.440229	0.767706	-1.30258	0.429067	0.762527	-1.31143	0.0833071	0.525261	-1.90382	0.0178949	1.21027	1.21027	1.18052	2.19882	1.58787	1
cg27275941	ANKRD28	0.412825	0.289623	0.601124	-1.66355	0.505454	0.731331	-1.36737	0.316512	0.610698	-1.61528	0.443465	1.33295	1.33295	0.0108008	0.840156	1.19025	0.680042	2.1017	2.1017	0.284874	0.597871	-1.6726	0.0820509	0.244035	2.44035	0.452913	0.70183	-1.42485	1.18048	4.00878	3.01856	1
cg01637218	TTHDF2	0.412825	0.751464	0.964187	-1.03714	0.974416	0.995896	-1.00412	0.323744	1.1241	1.1241	0.735911	1.03962	1.03962	0.397704	1.1045	1.1045	0.15544	0.839896	-1.19062	0.0625561	0.786183	-1.27197	0.647396	1.05428	1.05428	0.738725	1.03917	1.03917	1.18048	0.246318	0.185474	1
cg09175575	MRH34;MRP142;MRP142	0.412829	0.0108468	3.07655	3.07655	0.0329519	0.142113	-7.03876	0.0459592	0.112453	-8.89353	0.0148763	1.20083	1.20083	0.435588	0.87674	-1.14067	0.0656186	1.42995	1.42995	0.0490573	0.511837	-1.95369	0.0460445	0.900747	-1.11019	0.1047	0.951295	0.952583	1.18047	0.511295	0.385001	1
cg21533369	SF1;SF1	0.412834	0.968024	0.988582	-1.01155	0.94687	0.981089	-1.01928	0.866537	1.04937	1.04937	0.133141	1.59069	1.59069	0.780696	0.923154	-1.08324	0.22725	1.43787	1.43787	0.0918197	0.587577	-1.70191	0.948484	0.981659	-1.01868	0.257531	1.40286	1.40286	1.18045	1.53446	1.15546	1
cg04713431	C4orf34	0.412842	0.21204	0.481616	-2.07585	0.0741354	0.728389	1.37289	0.0899903	0.81599	-1.22539	0.189717	0.838556	1.19256	0.368422	1.1359	1.1359	0.258123	0.0853353	-11.7205	0.0854225	0.208538	4.79393	0.0853353	0.144927	6.89938	0.0804455	0.180004	5.55645	1.18045	0.208538	0.0853353	0.0853353	0.0853353	1
cg21770462	ZNF366;ZNF366	0.412843	0.409322	0.666619	-1.50011	0.281295	0.583828	-1.71283	0.218517	0.536876	-1.86263	0.531988	0.737692	-1.35558	0.222844	0.540318	-1.85076	0.161015	0.487002	-2.05338	0.810959	1.12205	1.12205	0.72031	1.18861	1.18861	0.0572612	0.355703	-2.81134	1.18045	4.31794	3.25145	1
cg26533565	GPTD1	0.412849	0.13439	0.315702	-3.16754	0.0664952	0.22996	-4.34858	0.632472	0.1408	0.1408	0.745022	0.792093	-1.26248	0.0912158	0.264822	-3.77612	0.523897	0.630434	-1.58621	0.507256	0.618454	-1.61694	0.907523	0.08054	1.08054	0.757423	0.801486	-1.24768	1.18043	0.53777	7.18212	1
cg10194791	KIFC1;KIFC3;KIFC3;KIFC3	0.412852	0.0414086	2.49142	2.49142	0.156471	0.145496	-6.86477	0.0463744	0.180799	-5.53196	0.0453653	0.145496	-6.86477	0.0463744	0.180799	-5.53196	0.0453653	0.382424	0.993054	-1.0402	0.38308	0.38308	0.38977	0.41633	2.40233	0.414633	0.897181	0.959917	-1.04176	0.41643	1.87387	1.40956	1
cg28329577	ACAT2	0.412852	0.918142	0.985211	-1.01501	0.146196	1.25367	1.25367	0.456625	0.895944	-1.11654	0.343868	1.15179	1.15179	0.864679	1.02503	1.02503	0.479596	1.10978	1.10978	0.0763416	0.751435	-1.33079	0.568906	1.08703	1.08703	0.516306	1.10008	1.10008	1.18043	0.392609	0.295712	1
cg28213375	PPP1R13B	0.412853	0.0919632	0.403124	-2.4747	0.963603	1.0232	1.0232	0.865866	1.0886	1.0886	0.318413	0.595499	-1.67927	0.0194671	0.444531	-2.24956	0.255584	0.55068	-1.81594	0.172221	0.481766	-2.0757	0.187958	0.499498	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1271 vs. N)	Fold-Change(1271 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg00197312	GPRIN2	0.413169	0.58186	1.40835	1.46035	1.162817	2.75771	2.75771	0.103189	1.35702	1.35702	0.771629	0.782786	-1.27749	0.315612	0.494132	-2.02375	0.704846	0.77217	-1.29505	0.241464	2.30028	2.30028	0.256312	2.23675	2.23675	0.495162	1.60011	1.60011	1.17974	8.62467	6.49835	1
cg06521535	FHL1;FHL1;FHL1;FHL1;FHL1	0.413175	0.269211	0.424562	-2.35537	0.412881	1.86506	1.86506	0.315123	2.16703	2.16703	0.166583	2.98843	2.98843	0.230403	0.392056	-2.55066	0.282111	0.435095	-2.29835	0.580078	1.516	1.516	0.530334	1.60058	1.6058	0.597576	1.48681	1.48681	1.17973	10.3572	7.8038	1
cg12296007	RYR2	0.413177	0.454069	1.14851	1.14851	0.320938	1.20467	1.20467	0.569206	1.11011	1.11011	0.446955	1.15113	1.15113	0.306616	1.21189	1.21189	0.254649	1.24094	1.24094	1.14704	1.32652	1.32652	0.111317	0.729833	-1.37018	0.605877	1.09912	1.09912	1.17973	0.616606	0.464142	1
cg24866110	SNAP29	0.413178	0.646582	1.704067	-1.41905	0.332469	2.13438	2.13438	0.284835	2.32209	2.32209	0.894872	2.05188	-4.25337	0.794544	0.620446	1.21885	0.386607	0.510161	-1.96017	0.46737	0.570752	-1.75207	0.601167	1.49176	1.49176	0.218291	0.374563	-2.66978	1.17972	10.7447	8.09581	1
cg17218813	PRRT1;PRRT1	0.413181	0.404481	0.588496	-1.69925	0.824014	0.870717	-1.14848	0.140457	2.67952	2.67952	0.587508	0.705518	-1.4174	0.125123	0.35637	-2.80607	0.422093	0.60673	-1.6648	0.261489	2.07058	2.07058	0.96508	0.97424	-1.02644	0.450488	1.6127	1.6127	1.17972	7.21819	5.43873	1
cg03408806	CPLX1	0.413219	0.684677	1.17428	1.17428	0.267664	1.57519	1.57519	0.272977	1.56668	1.56668	0.534298	1.28104	1.28104	0.872747	1.06531	1.06531	0.808823	0.905312	-1.10459	0.050784	0.443567	-2.40058	0.44701	1.3566	1.3566	0.633001	0.827533	-1.20841	1.1797	2.889314	2.17995	1
cg08221288	PPIL5;PPIL5	0.413191	0.714156	0.918026	-1.08509	0.167709	0.710435	-1.40759	0.143426	0.693817	-1.4413	0.709187	0.916585	-1.09101	0.713515	1.08951	1.08951	0.119617	0.675279	-1.48087	0.912983	1.02574	1.02574	0.744604	1.07896	1.07896	0.097929	0.655662	-1.52518	1.1797	1.00995	0.760988	1
cg11468711	ZNF710	0.413191	0.120406	0.671017	-1.48995	0.093476	0.812163	-1.23057	0.365048	0.729127	-1.3715	0.861066	1.04236	1.04236	0.965021	1.00445	1.00445	0.343525	0.791659	-1.26399	0.045084	0.570143	-1.75394	0.531069	0.904675	-1.16215	0.508099	0.850545	-1.17572	1.1969	1.04799	0.789648	1
cg01364423	C1orf31	0.413192	0.304229	0.77959	0.77959	0.560112	1.10089	1.10089	0.848064	0.968436	-1.03259	0.447052	0.829461	-1.13836	0.103577	1.34399	1.34399	0.213717	1.24474	1.24474	0.590928	1.09497	1.09497	0.255047	0.819794	-1.21982	0.213361	1.24497	1.24497	1.17969	0.523399	0.393623	1
cg23002658	PFDN4	0.413193	0.958452	1.01099	1.01099	0.933992	1.01753	1.01753	0.140223	1.39509	1.39509	0.679576	0.916541	-1.09106	0.076462	1.51213	1.51213	0.846497	1.04151	1.04151	0.189666	0.747145	-1.33843	0.862599	0.964306	-1.03702	0.372551	1.21178	1.21178	1.17969	0.822579	0.619807	1
cg04131993	ARHGEF16	0.413193	0.2192	0.396504	-2.52127	0.151951	0.875753	1.08499	0.987965	-1.01219	0.549346	0.641211	-1.5429	0.088195	0.583086	-1.84489	0.25	0.285624	0.452106	-2.21187	0.202431	0.381624	-2.62038	0.195305	0.915801	-1.16565	0.282724	0.449776	-2.22331	1.17969	0.57554	0.72159	1
cg03415901	FGF22	0.413196	0.030218	0.159936	-1.92331	0.734938	0.119114	1.09114	0.222163	0.719242	-1.39	0.68219	0.857722	-1.41991	0.505824	0.840905	-1.1892	0.701285	0.905811	-1.10398	0.871427	1.04245	1.04245	0.29987	0.759001	-1.31752	0.583782	1.15259	1.15259	1.17968	1.23082	0.92742	1
cg01884460	WDR90	0.413205	0.99548	1.005111	1.005111	0.994683	1.665553	1.665553	0.484943	1.341821	1.34556	0.184546	0.458857	-2.27855	0.213661	0.379948	-2.63194	0.462603	1.94881	1.54383	0.954481	1.03321	1.03321	0.487786	1.51059	1.51059	0.165371	2.37707	2.37707	1.17967	6.39782	4.82082	1
cg03640114	PHB	0.413211	0.636383	0.939011	-1.06495	0.302373	0.868333	-1.15163	0.048193	1.34765	1.34765	0.533218	0.91995	-1.08697	0.697958	0.949774	-1.05288	0.196208	0.83478	-1.19792	0.810892	1.03218	1.03218	0.926067	1.01234	1.01234	0.653222	0.94199	-1.06158	1.17965	0.326222	0.249814	1
cg25588780	SPSB4	0.413214	0.902838	0.968139	-1.03291	0.0427791	0.538588	-1.85569	0.744782	0.917042	-1.09046	0.903804	1.03258	1.03258	0.662916	1.02815	1.02815	0.776744	0.927396	-1.07829	0.146094	1.514239	1.51239	0.294144	0.749394	-1.33441	0.772631	0.926066	-1.07984	1.17965	1.31328	0.989583	1
cg14358448	LTBP2	0.413216	0.675336	0.876431	-1.14727	0.532065	2.12871	2.12871	0.25968	1.57853	1.57853	0.711392	1.16289	1.16289	0.530032	1.29722	1.29722	0.035674	2.7185	2.71851	0.645557	1.20788	1.20788	0.738738	0.872038	-1.14674	0.725511	0.865717	-1.15511	1.17963	3.12621	2.35371	1
cg01044608	ZNF543	0.413227	0.115251	0.134191	-7.45209	0.725356	1.5124	1.5124	0.601551	0.539054	-1.8551	0.657551	0.592574	-1.68755	0.103807	8.05487	8.05487	0.5444	0.486947	-2.05361	?	?	?	0.984168	0.976995	-1.02355	0.364758	2.98119	2.98119	1.17954	22.7278	19.3669	1
cg19598832	TCF3;TCF3	0.413228	0.400343	1.36522	1.36522	0.473181	1.05581	1.05581	0.731094	1.122	1.122	0.347382	1.34902	1.34902	0.140553	1.2213	1.2213	0.852874	1.05912	1.05912	0.228059	0.67606	-1.47916	0.674955	1.94394	1.94394	0.926107	0.957504	1.02912	1.07962	1.17965	1.34779	1
cg02653521	GPC1	0.413323	0.041976	0.511136	-1.95643	0.889745	0.96107	-1.04051	0.741723	0.909662	-1.09931	0.459803	1.24043	1.24043	0.904162	1.03509	1.03509	0.847571	1.05664	1.05664	0.563032	0.845865	-1.18222	0.914504	0.969724	-1.03122	0.093607	1.589844	-1.69536	1.17961	1.53117	1.1538	1
cg20806040	ATP11A;ATP11A HMMR;HMMR;NUDCD2;HMMR;HMM	0.413238	0.965163	0.984873	-1.01536	0.968317	0.986234	-1.01396	0.181317	0.609412	-1.64093	0.150821	0.584291	-1.71148	0.557294	1.23016	1.23016	0.180786	0.608999	-1.64204	0.178657	1.64653	1.64653	0.407702	0.744109	-1.34389	0.903746	1.04313	1.04313	1.17959	2.27551	1.71472	1
cg19545851	R	0.413245	0.296401	0.674608	-1.14337	0.888606	0.792758	-1.26142	0.552531	0.928338	-1.07719	0.152798	0.827381	-1.20863	0.305986	1.14015	1.14015	0.389561	0.869629	-1.11529	0.4748	0.913984	-1.09415	0.994558	1.00084	1.00084	0.488005	1.0911	1.0911	1.17958	0.286092	0.215589	1
cg07429748	UNG;UNG;UNG	0.413256	0.595644	1.19789	1.19789	0.153953	1.6502	1.6502	0.126809	1.26693	1.26693	0.20358	1.20693	1.20693	0.984011	1.00542	1.00542	0.222406	1.07663	1.07663	0.499042	0.915036	1.09756	0.921904	-1.08451	1.14244	1.14244	0.091749	1.03515	1.03515	1.17955	1.77293	1.33605	1
cg25587200	UMOD1;UMOD1	0.41326	0.830695	0.931428	-1.07362	0.0528665	1.07515	1.07515	0.848785	1.06538	1.06538	0.608092	1.18685	1.18685	0.21157	0.646212	-1.54748	0.950416	1.02085	1.02085	0.424318	1.31089	1.31089	0.318461	0.710288	-1.40788	0.562693	0.823524	-1.21429	1.17955	2.05624	1.54955	1
cg16238933	ATP5I;ATP5I	0.413259	0.30012	0.79165	-1.26311	0.313136	0.51888	1.1288	0.647853	0.810266	-1.2305	0.472939	0.817014	-1.2265	0.49174	0.840934	-1.19009	0.582005	1.10571	1.10571	0.070149	0.601829	-1.6616	0.337863	0.81636	-1.22515	0.443417	0.98153	-1.01855	1.17953	0.869853	0.687166	1
cg08593261	NKX6-1	0.413266	0.641051	1.599	1.599	0.069926	1.018041	1.018041	0.732649	0.704379	-1.41969	0.403052	2.36448	2.36448	0.816367	0.792526	-1.26179	0.294502	0.96494	-1.06494	0.0432324	0.978312	0.978312	0.575131	1.76139	1.76139	0.130808	1.70875	2.70875	1.17953	18.6676	14.0678	1
cg21846888	SMPD1;SMPD1;SMPD1	0.413268	0.283794	1.98933	1.98933	0.0399955	4.33262	4.33262	0.143929	2.63725	2.63725	0.245054	2.11924	2.11924	0.809932	1.16048	1.16048	0.990383	1.00747	1.00747	0.571102	1.42413	1.42413	0.58097	1.41108	1.41108	0.599012	0.720554	-1.38782	1.17953	7.12714	5.37099	1
cg23732560	TMEM158	0.413271	0.511454	1.2983	1.2983	0.314136	2.77739	-2.2653	0.302087	2.60574	-1.04094	0.788119	0.958568	-1.09731	0.0958568	1.15577	1.15577	0.107614	0.733975	-1.36264	0.184651	1.15577	-1.15577	-1.39986	0.83067	0.962694	-1.03844	0.23357	0.802541	1.45284	0.975531	0.436739	1
cg16703193	AP2M1;AP2M1	0.413283	0.921993	0.977329	-1.0232	0.294303	0.29003	1.29003	0.0734355	1.5957	1.5957	0.900193	0.97105	-1.02981	0.492548	0.849438	-1.17725	0.601148	0.883832	-1.13144	0.782139	0.93716	-1.06705	0.339969	0.794335	-1.25891	0.179175	0.715995	-1.39666	1.1795	0.12007	0.771684	1
cg21179457	INSM2	0.413285	0.127366	0.546613	-1.82967	0.515654	0.364099	1.86595	0.0613258	1.32106	1.32106	0.156351	0.515443	1.94895	0.0732284	1.36611	1.36611	0.0969157	0.656273	-1.52378	0.134897	0.738249	1.35407	0.300603	0.606379	-1.64954	0.0754443	1.00125	1.00125	1.17946	1.29084	0.908393	1
cg27657983	SNX29	0.41329	0.732971	1.19959	1.19959	0.0375041	1.60601	1.60601	0.337964	1.69028	1.69028	0.769354	1.16911	1.16911	0.654666	0.787228	1.27028	0.233608	1.94175	1.94175	0.44961	1.50592	1.50592	0.167083	1.28733	1.28733	0.815503	1.8855633	-1.12914	1.17948	1.27476	3.9752	1
cg01581098	SYK;L1	0.413292	0.0717186	0.620863	-1.61066	0.728204	1.08622	1.08622	0.918924	1.02443	1.02443	0.169388	0.707179	-1.41407	0.642055	0.894969	-1.11736	0.225042	0.73929	-1.35265	0.628339	1.12258	1.12258	0.619889	0.888231	-1.12583	0.134734	0.682321	-1.46559	1.17948	1.04969	0.791076	1
cg09154213	TMEM457	0.413302	0.795684	0.9681	1.03276	0.0337923	1.07707	1.07707	0.364469	0.914427	1.13206	0.132061	1.53465	1.53465	0.763114	1.06202	1.06202	0.511966	1.02103	1.02103	0.907428	1.15496	1.15496	0.744507	1.38404	1.38404	0.119618	1.3557	1.3557	1.66334	0.687404	-1.45475	0.705443	1.10125	1.10125	1.17946	1.20984	0.908393	1
cg07226140	PLEKHJ1;SF3A2	0.413321	0.0361552	0.693512	-1.44194	0.625413	0.1767	1.0767	0.836763	0.969486	-1.03147	0.800271	1.03881	1.03881	0.775559	0.957971	-1.04387	1.187792	1.23327	1.23327	0.996747	0.993388	1.00061	0.374885	0.872138	-1.14661	0.923711	0.985715	-1.01449	1.17941	0.421466	0.317646	1
cg21180685	SGK3;SGK3;SGK3	0.413325	0.655221	1.20909	1.20909	0.447234	0.80653	1.2453	0.296463	1.25546	1.25546	0.279528	1.26045	1.26045	0.0881284	1.213	1.213	0.769934	1.06234	1.06234	0.155267	0.752732	-1.32849	0.0875224	0.708624	1.41094	1.41094	0.134751	-1.01285	1.07862	1.49404	1.34751	0.856054	0.556707	1
cg25800638	ITSN2;ITSN2;ITSN2	0.413333	0.493656	0.48378	-2.06706	0.0195321	0.0524373	-19.0704	0.262608	0.295208	-3.38744	0.911011	1.12387	1.12387	0.391361	0.339957	-2.50269	0.66143	0.631077	-1.58459	0.740848	0.940042	-2.15308	0.840029	1.23506	1.23506	0.845568	0.815709	1.22593	1.7944	1.20815	15.3611	1
cg11023668	ADCY3	0.41333	0.471087	1.31621	1.31621	0.0426727	2.39765	2.39765	0.833962	1.08184	1.08184	0.552309	0.798263	-1.25272	0.842887	0.928329	-1.0772	0.327889	1.46006	1.46006	0.243789	1.57937	1.57937	0.259099	1.55462	1.55462	0.614006	0.826468	-1.20997	1.1794	2.62339	1.9772	1
cg00503704	SNRPD2;ZNF302	0.413342	0.325082	1.44372	1.44372	0.0615346	0.8453	1.0938	0.962663	1.00016	1.00016	0.477472	1.28265	1.28265	0.0838628	1.2762	1.2762	0.448977	1.32156	1.32156	0.463297	1.30949	1.30949	0.427192	1.26356	1.26356	0.462733	1.30949	1.30949	1.17941	1.30949	0.556707	1
cg25800638	ITSN2;ITSN2;ITSN2	0.413343	0.493656	0.48378	-2.06706	0.0195321	0.0524373	-19.0704	0.262608	0.295208	-3.38744	0.911011	1.12387	1.12387	0.391361	0.339957	-2.50269	0.66143	0.631077	-1.58459	0.740848	0.940042	-2.15308	0.840029	1.23506	1.23506	0.845568	0.815709	1.22593	1.7944	1.20815	15.3611	1
cg11023668	ADCY3	0.413343	0.471087	1.31621	1.31621	0.0426727	2.39765	2.39765	0.833962	1.08184	1.08184	0.552309	0.798263	-1.25272	0.842887	0.928329	-1.0772	0.327889	1.46006	1.46006	0.243789	1.57937	1.57937	0.259099	1.55462	1.55462	0.614006	0.826468	-1.20997	1.1794	2.62339	1.9772	1
cg00503704	SNRPD2;ZNF302	0.413342	0.325082	1.44372	1.44372	0.0615346	0.8453	1.0938	0.962663	1.00016	1.00016	0.477472	1.28265	1.28265	0.0838628	1.2762	1.2762	0.448977	1.32156	1.32156	0.463297	1.30949	1.30949	0.427192	1.26356	1.26356	0.462733	1.30949	1.30949	1.17941	1.30949	0.556707	1
cg14468055	RALGDS	0.413346	0.518169	1.57351	1.57351	0.0551616	0.50143	2.50143	0.104703	0.407048	4.82028	4.82028	0.481587	1.64047	1.64047	0.917452	0.775841	-1.28892	0.501723	0.60289	-1.60289	0.53925	1.53745	0.53745	0.613548	1.39428	1.39428	0.70997	1.29499	1.29499	1.17936	8.94384	6.741	1
cg09686328	USP1;USP1;USP1	0.413347	0.0327373	0.514102	-1.94457	0.0797707	0.36469	2.74257	0.0422205	0.0504443	19.82458	19.82458	0.0270202	2.69526	2.69526	0.0503	2.74424	0.0102643	0.707428	1.4142	0.948564	1.0006	1.0006	0.996145	1.35852	1.35852	0.0206708	1.23331	1.23331	0.0504581	1.30741	1.30741	0.824021	1
cg20227761	TDRKH;TDRKH;TDRKH;TDRKH	0.413354	0.134981	0.72822	-1.37321	0.98056	1.00258	1.00258	0.916405	0.979547	-1.02088	0.431294	0.853772	-1.17127	0.113571	0.712569	-1.40337	0.759089	1.06241	1.06241	0.918878	0.980149	-1.02025	0.535983	0.883951	-1.13128	0.125142	1.38639	1.38639	1.17935	0.723563	0.54536	1
cg15437092	KCNH2;KCNH2;KCNH2	0.413359	0.440344	0.929021	-1.56269	0.278971	0.0409895	-2.03668	0.281653	0.520121	-1.88636	0.738978	0.827381	-1.20854	0.0197455	0.2445	-4.08998	0.114655	0.57779	-1.73097	0.0454744	0.625324	-1.59866	0.661066	0.766455	-1.30354	0.0693227	0.9374	-1.06678	1.17933	0.61077	0.43327	1
cg12135887	MMP17	0.413363	0.230911	0.761764	-1.31312	0.478924	0.178894	2.31779	0.0141664	0.658793	-1.51842	0.298138	0.249758	2.042758	0.0084408	-2.37	0.163536	1.30061	1.30061	0.0178355	0.0248	0.378055	1.72334	0.172734	0.376838	1.2871	0.0858488	0.926583	-1.07923	1.17932	0.577298	0.431525	1
cg04276057	C2orf82	0.413366	0.542231	0.708929	-1.41058	0.0299582	0.24076	-4.15351	0.0716741	0.325813	-3.06925	0.925511	0.949193	-1.05353	0.741386	0.831379	-1.20282	0.491304	0.677195	-1.47668	0.731282	0.825739	-1.21104	0.67218	0.788726	-1.26787	0.878179	0.918026	-1.08929	1.17932	5.80751	4.3773	1
cg21474062	ZBTB38	0.413375	0.191095	0.71983	-1.38903	0.0866212	0.81177	-1.58343	0.0516023	0.816007	-1.22463	0.0110007	0.931693	0.937054	0.0134455	1.07357	1.07357	0.833407	0.984704	-1.01569	0.900582	0.820363	-1.21897	0.819591	0.919067	-1.08827	0.742159	0.916967	-1.09077	1.17932	12.0851	9.1088	1
cg13413755	NFIL3	0.413368	?	?	?	0.106968	0.145991	-6.84974	0.839358	1.2329	1.2329	0.714401	1.4621	1.4621	1.4621	?	?	0.747373	1.39628	1.39628	0.971241	1.03785	1.03785	0.489966	0.481808	-2.07552	0.103592	1.144339	-6.92813	1.26011	15.131	8.57693	1
cg00404756	TCF10	0.413368	0.329542	2.33228	2.33228	0.715644	0.734908	-1.90256	0.300326	0.780128	-1.99949	0.412398	0.509152	-1.96265	0.505149	0.560039	-1.76666	0.657468	0.547996	-1.82483	0.452639	2.49418	2.49418	0.211427	0.81939	-1.22063	0.772504	0.87785	-1.14395	1.17931	0.829057	0.59707	1
cg06747745	TBCEL;TBCEL	0.413376	?	?	?	0.61774	0.548255	-1.82397	0.239868	0.229905	-4.34962	0.802597	1.3488	1.3488	?	?	?	0.617468	0.547996	-1.82483	0.452639	2.49418	2.49418	0.211427	0.81939	-1.22063	0.772504	0.87785	-1.14395	1.17931	0.829057	0.59707	1
cg04891617	TMEM70;TMEM70;TMEM70;TMEM70	0.413395	0.258848	0.48446	-2.06415	0.906381	0.930181	-1.07506	?	?	0.243919	0.472363	-2.11702	?	?	0.255417	0.207596	0.579314	0.708573	-1.41129	?	?	0.255417	0.207596	0.207596	0.276284	0.200706	2.00706	1.15432	6.612858	5.3279	1
cg13639452	COL5A1	0.413404	0.139956	0.629817	-1.58776	0.234941	0.69599	-1.4368	0.0890459	0.579283	-1.72627	0.525354	0.829143	-1.20606	0.825672	0.937799	-1.06633	0.566228	0.844675	-1.18389	0.963998	1.01323	1.01323	0.666597	1.13449	1.13449	0.0869123	0.576721	-1.73394	1.17924	1.58289	1.19316	1
cg03500310	LONP2	0.413405	0.302802	1.30557	1.30557	0.623073	0.8836001	-1.13173	0.303187	0.76514	-1.30605	0.529108	1.17457	1.17457	0.0910216	0.85881	1.16481	0.620648	1.13273	1.13273	0.874235	0.961204	-1.04036	0.914605	1.00716	1.00716	0.848214	0.951409	-1.05107	1.17924	1.05107	0.878477	1
cg17173767	CBorf84	0.413412	0.717325	1.771	1.771	0.138991	1.22249	1.22249	0.153581	1.10441	1.10441	0.0840072	1.20968	1.20968	0.169688	1.1609	1.1609	0.227143	0.9184	1.09184	0.562947	0.398763	-2.50775	0.342754	0.64853	-1.54253	0.64853	0.97436	-1.02636	1.17923	2.44601	1.74922	1
cg16211447	UBE2A;UBE2A;UBE2A;UBE2A	0.413427	0.153315	0.118808	-8.41693	0.0934722	0.0765153	-13.0693	0.884518	0.816705	-1.22443	0.298621	0.48594	0.48594	0.595582	2.10919	2.10919	0.191108	0.145380	-6.87811	0.711052	1.67933	1.67933	0.792365	1.4442	1.4442	0.695536	0.578137	-1.72969	1.17919	36.2491	27.3251	1
cg15819955	XCL2	0.413428	0.728113	1.3884	1.3884	0.847543	1.07174	1.07174	0.208855	0.852615	-1.17286	0.842817	0.922432	-1.08409	0.697242	1.0427	1.0427	0.347884	1.43848	1.43848	0.340826	1.43688	1.43688	0.29842	1.47407	1.47407	0.156577	1.72554	1.72554	1.17919	2.4265	1.82461	1
cg25730298	KIF26B	0.413429	0.344273	0.453798	-2.20362	0.0271528	0.119917	-8.33909	0.510167	0.581701	-1.7191	0.859646	1.15436	1.15436	0.24147	0.369943	2.70312	0.313818	0.429615	-2.32766	0.866148	0.872127	-1.14662	0.522705	0.593137	-1.69114	0.666602	0.142123	1.42123	1.17918	12.2844	9.26019	1
cg26413900	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.413446	0.808381	1.12452	1.12452	0.151686	2.09988	2.09988	0.114445	2.29161	2.29161	0.271052	1.73926	1.73926	0.277596	0.579632	-1.72523	0.521927	0.730887	-1.3682	0.38901	0.652861	-1.53172	0.887282	1.0709	1.0709	0.894186	0.937747	-1.06639	1.17915	4.35665	3.28422	1
cg20271517	NPY2R;NPY2R	0.413446	0.595289	0.715073	-1.39846	0.405414	1.70317	1.70317	0.202664	2.31953	2.31953	0.823729	0.86974	-1.14977	0.96751	1.02581	1.02581	0.454782	0.621095	-1.61006	0.788416	0.84513	-1.18325	0.193063	0.26707	0.262335	3.71767	3.71767	1.17915	7.30796	5.50904	1
cg08023020	ZNF598	0.413457	0.578971	1.42791	1.42791	0.0607919	1.51405	1.51405	0.201701	1.24052	1.24052	0.251531	1.37937	1.37937	0.21529	0.725232	-1.37888	0.732458	0.773487	1.29295	0.761473	1.32485	1.32485	0.392852	1.39008	1.39008	0.0369	1.47747	1.47747	1.17912	12.3374	9.30061	1
cg14267667	KIAA1549;KIAA1549	0.413461	0.779768	1.07099	1.07099	0.374142	0.79997	-1.25005	0.443031	0.825851	-1.21087	0.477868	1.19308	1.19308	0.32124	0.73597	-1.35875	0.776964	1.07195	1.07195	0.0489539	1.73327	1.73327	0.753992	0.925973	-1.07994	0.724442	0.917051	-1.09045	1.17911	1.1177	0.842594	1
cg13228701	OGDH	0.413464	0.924673	0.980612	1.01992	0.749043	1.18065	1.18065	0.872393	1.012203	1.012203	0.914898	1.23122	1.23122	0.441296	0.797162	1.17284	0.880668	1.03012	1.03012	0.0288476	0.872859	1.14556	0.0910112	0.888457	1.12559	0.0384247	0.873137	1.14556	1.17911	0.873137	1.14556	1.17911	0.873137	1.14556	1.17911	0.873137	1.14556	1.17911	0.873137	1.14556	1.17911	0.873137	1.14556	1.17911	0.873137	1.14556	1.17911	0.873137	1.14556	1.17911	0.873137	1.14556	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
ILMN_2164106	UGALS1	0.413791	0.256761	0.508951	-1.75762	0.0349879	0.910181	-1.32392	0.420166	0.675665	-1.40002	0.130339	0.450116	-2.1781	0.616554	0.786202	-1.27194	0.108149	0.526288	-1.91172	0.55429	0.753124	-1.3278	0.315363	0.609793	-1.6399	0.758097	0.863625	-1.15791	1.1784	4.23667	3.19579	1
ILMN_2304240	SLC5A8;SLC5A8;SSBP3	0.413799	0.258985	0.608035	-1.64464	0.505467	1.33037	1.33037	0.438475	1.39634	1.39634	0.458523	1.37559	1.37559	0.129084	0.500143	1.99943	0.668296	1.19974	1.19974	0.223535	1.71645	1.71645	0.406194	1.43188	1.43188	0.394138	0.691608	-1.44591	1.17839	3.33085	2.51255	1
ILMN_2013600	HNMT;HNMT;HNMT	0.4138	0.776818	1.30845	1.30845	0.952191	1.05836	1.05836	0.182022	0.261849	-3.819	0.324846	2.61633	2.61633	0.85452	0.84061	-1.18961	0.608465	1.63031	1.63031	0.98355	1.01969	1.01969	0.0489041	8.39247	8.39247	0.2863397	2.84985	2.84985	1.17839	16.701	12.598	1
ILMN_2158234	FEZF2	0.4139	0.181389	2.14439	2.14439	0.340386	1.69617	1.69617	0.320833	0.576085	-1.77585	0.573926	1.35726	1.35726	0.272615	1.84754	1.84754	0.0982502	2.6513	2.6513	0.811147	1.13736	1.13736	0.146941	2.30928	2.30928	0.968351	0.979025	-1.02142	1.17838	5.39524	4.06978	1
ILMN_2019824	ITSN2;ITSN2;ITSN2	0.413805	0.297666	0.839818	-1.19073	0.641327	0.926742	-1.07881	0.30191	1.18879	1.18879	0.581979	1.09406	1.09406	0.85677	0.97121	-1.02964	0.313315	1.18368	1.18368	0.382923	1.15567	1.15567	0.230603	0.815991	-1.1255	0.116171	1.31794	1.17839	0.487936	0.368067	1
ILMN_2031208?	MSC;70857	0.413808	0.303381	1.35429	1.35429	0.822086	1.00616	1.00616	0.311626	0.74249	-1.34682	0.937805	0.978047	-1.02245	0.248331	0.709452	-1.40954	0.10451	1.65655	1.65655	0.753863	0.914416	-1.09359	0.303264	0.738374	-1.35433	0.371982	1.20787	1.20787	1.17837	1.50096	1.11902	1
ILMN_2049528?	IFRD1;IFRD1;IFRD1	0.41382	0.668638	1.3662	1.3662	0.431944	0.558497	-1.79052	0.279854	2.26648	2.26648	0.150134	0.323357	-3.09256	0.936891	0.944277	-1.05901	0.502111	0.609991	-1.63937	0.142913	3.16714	3.16714	0.271906	2.30058	2.30058	0.630749	1.42057	1.42057	1.20094	9.76072	6.32142	1
ILMN_1975824?	CALCB	0.413821	0.893899	0.951133	-1.05138	0.424529	1.36109	1.36109	0.94048	0.972352	-1.02843	0.828613	1.08482	1.08482	0.790015	1.1057	1.1057	0.791369	1.10467	1.10467	0.947073	0.427843	-2.3378	0.915398	0.565074	-1.76968	0.261297	0.644134	-1.55347	1.17834	2.63082	1.98458	1
ILMN_2140826	SLC6A8;SLC6A8;SLC6A8	0.413826	0.173657	0.188911	-5.2935	0.903319	1.15016	1.15016	0.96145	1.05722	1.05722	0.207308	0.41038	0.41038	0.214136	0.50749	-1.97049	0.120381	0.143781	-6.95004	0.90094	0.987014	-1.01316	0.429089	0.53277	-1.87777	0.939231	1.09174	1.09174	1.17834	24.7336	16.6581	1
ILMN_2147300?	MATN1;MATN1	0.413832	0.425067	0.786941	-1.27074	0.5374	0.832194	-1.20164	0.319068	0.738686	-1.35376	0.552503	1.19334	1.19334	0.0701434	0.551279	-1.81396	0.955864	1.01641	1.01641	0.188907	1.51869	1.51869	0.723999	1.10992	1.10992	0.408379	0.77979	-1.2824	1.17832	1.6146	1.21801	1
ILMN_2093740	CD83;CD83;CD83;CD83	0.413844	0.101344	0.54662	-1.82975	0.815861	1.12444	1.12444	0.983806	0.977392	-1.02313	0.325662	0.484328	0.484328	0.129622	0.673769	-1.48407	0.728332	0.675122	1.48121	0.132996	0.489055	-2.0438	0.183627	0.344707	5.24307	0.713416	0.659947	-1.51527	1.17829	23.6874	17.8695	1
ILMN_2142513?	KIAA1161	0.413846	0.929862	1.02027	1.02027	0.895757	0.970562	-1.03033	0.570042	1.13979	1.13979	0.730902	0.924123	-1.08211	0.914174	1.14716	1.14716	0.257325	1.30926	1.30926	0.0400789	1.73733	1.73733	0.762747	0.933316	-1.07145	0.811611	1.05594	1.17829	0.969597	0.731457	1
ILMN_2121560?	KY	0.413848	0.873647	0.947171	-1.05592	0.102015	0.573176	-1.74467	0.110763	0.534202	-1.87172	0.575209	1.02661	1.02661	0.157137	0.579595	-1.72602	0.676179	0.859387	-1.16362	0.459103	1.31251	1.31251	0.501601	1.27868	1.27868	0.658356	1.1738	1.1738	1.17828	2.4286	1.83212	1
ILMN_2014556?	PFKFB3	0.413856	0.416399	0.724129	-1.38097	0.793664	1.10724	1.10724	0.704021	0.864615	-1.15658	0.52392	0.778023	-1.28531	0.0311692	0.374265	-2.6709	0.447602	0.740234	-1.35092	0.095079	0.480276	-2.03967	0.522127	0.775156	-1.28674	0.487836	0.760401	-1.3151	1.17827	2.83829	2.12613	1
ILMN_2056830?	GRAMD4	0.413869	0.6262	1.20061	1.20061	0.524155	1.00059	1.00059	0.957306	0.856854	-1.16706	0.652227	0.844536	-1.18408	0.553963	0.512945	-1.95042	0.676602	1.6911	1.6911	0.033963	0.521426	2.51426	0.11247	1.90328	1.90328	0.994357	1.00264	1.00264	1.17824	2.58863	1.95292	1
ILMN_2059437?	SMC1A	0.41387	0.415434	1.2504	1.2504	-1.48787	0.320614	1.61478	0.61478	0.11229	0.438169	-2.28222	0.882204	1.01583	0.103183	0.077933	-2.96065	0.0637408	0.936853	-1.06783	-2.70377	0.472027	0.705304	-1.41783	0.86655	0.92287	-1.08358	0.850602	0.913942	-1.09416	1.17823	4.29229	3.20053	1
ILMN_2031426?	IER3;IFIGT1	0.413892	0.685785	1.245	1.245	0.194417	0.095005	0.095005	0.617405	1.31171	1.31171	0.788906	1.15554	1.15554	0.762733	1.17718	1.17718	0.138371	2.36207	2.36207	0.0621691	3.09949	3.09949	0.0817507	2.82704	2.82704	0.7909	1.15392	1.15392	1.17819	5.41614	4.08624	1
ILMN_2133676	ODAM	0.413896	0.182244	0.493355	-2.0256	0.243004	0.562006	-1.845	0.133848	0.446247	-2.34091	0.215111	0.521415	-1.91786	0.364094	0.627821	-1.59281	0.287827	0.576525	-1.73453	0.109132	0.418158	-2.39144	0.110192	0.41944	-2.38413	0.848869	0.908718	-1.10045	1.17818	4.64744	3.50631	1
ILMN_2018965?	FAM20C	0.413901	0.139476	0.679003	-1.47275	0.887904	0.966752	-1.03439	0.243729	0.746458	-1.33966	0.107227	0.593264	-1.68569	0.0150031	0.0373263	-2.70945	0.70079	0.911589	-1.09699	0.156823	0.43771	-2.28511	0.846981	0.954739	-1.04741	0.521372	0.805571	-1.16862	1.17817	1.07252	0.809182	1
ILMN_2029783?	NTSDC2;LOC440957	0.413904	0.197714	0.703844	-1.42685	0.771275	1.07907	1.07907	0.40153	0.79918	-1.25128	0.0659433	0.583551	-1.71365	0.157711	0.674085	-1.48349	0.328414	0.768462	-1.3013	0.250744	0.731012	-1.36797	0.647507	1.12771	1.12771	0.40325	0.799865	-1.25021	1.17816	1.27189	0.959603	1
ILMN_2012479?	ZC3HAV1;ZC3HAV1	0.413913	0.276734	0.568565	-1.75881	0.293024	0.563194	-1.77566	0.25139	0.69991	-1.42832	0.0539	1.00743	1.00743	0.184404	0.640748	-1.55982	0.187604	0.49815	-2.00743	0.0449867	0.359264	-2.78221	0.116082	0.428392	-2.34526	0.339635	0.618189	-1.61928	1.17814	4.64809	3.50091	1
ILMN_2058972?	DTHD1	0.413914	0.420213	0.648441	-1.54216	0.0719027	0.347552	-2.87727	0.186522	0.47874	-2.09882	0.801974	1.14132	1.14132	0.0902308	0.629578	-1.58387	0.187471	0.479589	-2.08512	0.219749	0.502372	-1.97148	0.549156	1.37917	1.37917	0.881663	1.08151	1.08151	1.17814	5.16284	3.89528	1
ILMN_2059371?	CSAP	0.413917	0.598037	1.08519	1.08519	0.691469	0.943621	-1.03375	0.754832	1.17952	1.17952	0.362994	0.813769	0.813769	0.0135132	0.0195139	-3.89363	0.0539996	1.17455	1.17455	0.0824001	0.904203	-1.10595	0.890411	0.980144	-1.02026	0.73513	0.994866	0.982947	1.17814	0.994866	0.829747	1
ILMN_2013789?	BC113.A;BC113.A;BC113.A	0.41392	0.709523	-1.910937	-1.09777	0.971258	0.991058	-1.00902	0.582876	0.870861	-1.14829	0.0203744	0.498103	-2.00762	0.663279	1.1154	1.1154	0.0232435	1.01585	1.01585	0.632893	0.928916	-1.07652	0.822369	0.922264	0.821757	-2.2169	0.74176	0.894014	0.936526	1
ILMN_2177414?4	GRN	0.41924	0.212819	1.11453	1.11453	2.65704	1.10059	1.10059	0.270247	0.99952	-1.09052	0.392067	0.9301	-1.07515	0.950561	0.967967	-1.03309	0.253101	0.906066	-1.10367	0.475483	1.0618	1.0618	0.503749	1.05767	1.05767	0.264487	0.908336	-1.10089	1.17812	0.127431	0.0961469	1
ILMN_2019326	ENPP1	0.41926	0.457732	1.20032	1.20032	-1.48787	0.320614	1.61478	0.61478	0.11229	0.438169	-2.28222	0.882204	1.01583	0.103183	0.077933	-2.96065	0.715207	1.07009	-1.06373	0.833983	1.39118	1.38036	0.724183	0.907003	1.04211	1.04213	0.655867	0.927172	-1.07855	1.1781	0.553026	0.400132	1
ILMN_2146733?	NCAM1;NCAM1	0.413933	0.578424	0.88913	-1.11219	0.0603394	1.49368	1.49368	0.921021	0.98139	-1.01896	0.12197	0.727949	-1.37372	0.860916	1.03378	1.03378	0.57056	1.1147	1.1147	0.325445	1.21207	1.21207	0.96767	0.992352	-1.00771	0.834677	0.961187	-1.04038	1.1781	0.669447	0.505105	1
ILMN_2133459?	APBB1;APBB1	0.41934	7	7	7	0.731603	1.94291	1.94291	0.250604	0.99362	-1.25546	0.447495	0.602559	-1.65959	0.0544207	0.737079	-1.4702	0.852363	0.885234	-1.1264	7	1.3981	1.3981	0.0144007	0.455091	-2.21685	0.56996	0.83873	0.927792	1.17811	0.64744	0.50631	1
ILMN_2080047?	SIPA1L1	0.413945	0.320881	0.657029	-1.522	0.612619	0.811306	-1.23258	0.582104	1.25561	1.25561	0.655094	0.831826	-1.20217	0.802388	0.09761	-1.09761	0.719431	1.16307	1.16307	0.253863	1.62903	1.62903	0.412828	1.70977	-1.40901	0.0545238	1.39044	1.39044	2.55791	1.17807	1.12934	2.36118	1
ILMN_1951202?	PITPNM2	0.413946	0.216783	0.559184	-1.78832	0.623942	0.80171	-1.24733	0.270715	1.67013	1.67013	0.887103	0.938392	-1.06565	0.100839	0.447642	-2.23393	0.77993	0.882248	-1.13347	0.234234	1.74669	1.74669	0.772488	1.13844	1.13844	0.319593	0.631269	-1.58411	1.17807	3.73243	2.81622	1
ILMN_2060019?4	UFSP2;UFSP2	0.413947	0.18467	0.56281	-1.77685	0.28025	0.342485	1.90829	1.90829	0.0138483	0.49419	0.799511	1.3864	1.3864	0.0640748	0.550928	-1.81574	0.358817	0.369296	-2.70743	0.0546754	0.166474	6.00615	0.0178346	0.13666	-7.31955	0.474844	0.477063	1.36081	1.17806	20.8015	15.6953	1
ILMN_2015509?	CRCC;CRCC2	0.413954	0.352765	1.94952	1.94952	0.714374	0.773652	-1.29257	0.0780235	0.254841	-3.92402	0.58696	1.46662	1.46662	7	7	7	0.2826	0.458627	-2.18042	0.4618	1.68712	1.68712	0.348399	1.9621	1.9621	0.950063	1.0447	1.0447	1.17794	0.842013	0.686223	1
ILMN_2115925?	CNTNAP2	0.413959	0.702784	1.18792	1.18792	0.691469	0.943621	-1.03375	0.754832	1.17952	1.17952	0.362994	0.813769	0.813769	0.0135132	0.0195139	-3.89363	0.244652	1.20796	1.20796	0.0417327	0.90129	-1.10952	0.901459	0.978832	1.14154	1.14154	0.0855978	0.870239	1.17794	0.0894896	0.0479467	0.344818	1
ILMN_2091816?	NUBP2;SPSB3	0.413968	0.278699	1.2871	1.2871	0.0322646	1.75395	1.75395	0.439876	1.1936	1.1936	0.751569	1.07376	1.07376	0.6344	1.11333	1.11333	0.668868	0.908088	-1.10121	0.308444	0.789606	-1.26645	0.679373	0.9761	1.09761	0.781852	1.06418	1.06418	1.17802	0.936859	0.706916	1
ILMN_2246914?	MYH39;TECR	0.413975	0.120037	0.56162	1.56162	0.342814	0.772369	-1.29472	0.385255	1.26524	1.26524	0.506402	1.19501	1.19503	0.737806	1.09285	1.09285	0.243512	0.724138	-1.38059	0.161023	1.48536	1.48536	0.343719	1.29405	1.29405	0.824811	1.06034	1.06034	1.17801	1.30315	0.983319	1
ILMN_2018026?	TIAL1;TIAL1	0.413985	0.833062	1.09204	1.09204	0.691469	0.943621	-1.03375	0.754832	1.17952	1.17952	0.362994	0.813769	0.813769	0.0135132	0.0195139	-3.89363	0.244652	1.20796	1.20796	0.0417327	0.90129	-1.10952	0.901459	0.978832	1.14154	1.14154	0.0855978	0.870239	1.17794	0.0894896	0.0479467	0.344818	1
ILMN_2120021?	STK35	0.413997	0.62696	0.865645	-1.15521	0.438863	1.26187	1.26187	0.905081	1.03577	1.03577	0.549149	1.19549	1.19549	0.0494063	0.516539	-1.93596	0.414473	0.782126	-1.27857	0.173519	0.652734	-1.53202	0.672128	1.13361	1.13361	0.72334	1.11038	1.11038	1.17796	1.61901	1.2217	1
ILMN_2219183?	GDNF	0.413998	0.216153	0.489147	-2.02071	0.542487	0.555	-1.8555	0.323866	0.855079	-1.16948	0.0797229	0.534713	1.34713	0.0208207	0.53537	-1.86782	0.922343	1.01585	1.01585	0.632893	0.928916	-1.07652	0.822369	0.922264	0.821757	-2.2169	0.74176	0.894014	0.936526	1.06775	0.830526	1
ILMN_1906356?	ZNF43	0.414	0.168365	1.40802	1.40802	0.965813	0.990059	-1.01004	0.210087	1.36056	1.36056	0.305762	1.28044	1.28044	0.240229	0.742476	-1.34685	0.156796	1.42338	1.42338	0.265665	1.31048	1.31048	0.364095	1.24235	1.24235	0.631585	1.11921	1.11921	1.17795	1.01381	0.765027	1
ILMN_1655559?	TMCO3	0.414	0.402767	0.616491	-1.62208	0.0502059	1.52957	1.52957	0.457256	1.53366	1.53366	0.563973	0.972635	-1.38382	0.193691	0.45983	-2.17472	0.743882	0.830936	-1.20346	0.886334	0.922379	-1.08415	0.960272	0.972252	-1.02854	0.547583	0.709081	-1.41028	1.17795	5.95368	4.49267	1
ILMN_2158860?	FAM120A	0.414004	0.763657	1.08495	1.08495	0.422082	1.27377	1.27377	0.153849	0.858079	-1.16948	0.0797229	0.534713	1.34713	0.0208207	0.53537	-1.86782	0.922343	1.01585	1.01585	0.632893	0.928916	-1.07652	0.822369	0.922264	0.821757	-2.2169	0.74176	0.894014	0.936526	1.06775	0.830526	1
ILMN_2127504?	PRDM10;PRDM10	0.41401	0.768347	0.864885	-1.15622	0.299673	0.695955	1.61599	0.31594	2.31544	2.31544	0.708385	0.831504	-1.20264	0.707556	0.830929	1.20347	0.62827	1.27097	1.27097	0.0714554	2.68946	2.68946	0.197777	1.95237	1.95237	0.879087	0.927914	-1.07769	1.17793	4.50611	3.40039	1
ILMN_2017227	ARHGEF10L;ARHGEF10L	0.414013	0.806959	1.07427	1.07427	0.691469	0.943621	-1.03375	0.754832	1.17952	1.17952	0.362994	0.813769	0.813769	0.0135132	0.0195139	-3.89363	0.653384	1.17043	1.17043	0.0948514	1.3411	1.3411	0.0544533	1.56057	1.56057	0.0760574	1.47547	1.47547	1.17793	0.667327	1.3889	1.3889	0.912263	0.919671	0.8883	0.83026	1
ILMN_2085244?	PRKG1;PRKG1	0.414016	0.95557	0.987818	-1.01233	0.558241	1.13911	1.13911	0.591226	1.12667	1.12667	0.375965	0.818825	-1.22126	0.0723415	0.64329	-1.55451	0.910313	1.0249	1.0249	0.0938226	1.49981	1.49981	0.976539	0.993552	-1.00649	0.804174	0.946814	-1.05617	1.17792	2.902862	0.681323	1
ILMN_2136725	SLCO3A1;SLCO3A1	0.414018	0.592402	0.894007	-1.11812	0.760804	1.05402	1.05402	0.695642	0.833188	-1.20044	0.519485	0.79652	-1.25546	0.447495	0.602559	-1.65959	0.654422	0.884234	-1.1264	7	1.3981	1.3981	0.0144007	0.455091	-2.21685	0.56996	0.83873	0.927792	1.17811	0.64744	0.50631	1
ILMN_2093602?	ENGASE	0.414027	0.83876	0.841468	-1.1884	0.0842542	0.5499	1.0499	0.037778	0.68949	-1.73602	0.388568	0.71948	-1.73602	0.388568	0.71948	-1.73602	0.378141	0.54039	-1.85077	0.0384198	0.903211	0.903211	0.0910052	1.10048	1.10048	0.0778	0.913894	0.913894	0.913894	1.10048	1.17789	0.313894	0.10042	1
ILMN_2192556?	S100A16	0.414028	0.728775	1.24155	1.24155	0.860899	0.896718	-1.11518	0.47061	0.633698	-1.57804	0.231331	0.458255	-2.18219	0.510021	1.51491	1.51491	0.57795	1.41813	1.41813	0.524638	0.669836	-1.4929	0.0408879	4.33547	4.33547	0.823511	1.14894	1.14894	1.17789	7.20668	5.43847	1
ILMN_2140636?	PQLC1;PQLC1;PQLC1	0.414046	0.34867	1.56281	1.56281	0.347485	1.30829	1.30829	0.0138483	0.49419	0.799511	1.3864	1.3864	0.0640748	0.550928	-1.81574	0.358817	0.369296	-2.70743	0.0546754	0.166474	6.00615	0.0178346	0.13666	-7.31955	0.474844	0.477063	1.36081	1.17806	20.8015	15.6953	1
ILMN_2041756?	LOC439754	0.414048	0.238439	0.587128	-1.70321	0.105717	0.466668	-2.14285	0.479077	0.733213	-1.36386	0.35456	0.663155	-1.50794	0.0965678	0.455306	-2.19632	0.273057	0.611434	-1.6355	0.0732612	0.422556	-2.36656	0.734119	0.863271	-1.15838	0.631878	0.812072	-1.23142	1.17785	3.46955	2.61837	1
ILMN_2015775?	POLL;RPL11.529;10.4;POLL	0.414057	0.947041	1.0173	1.0173	0.959197	1.04363	1.07956	0.546245	-1.98316	0.567918	1.21849	1.21849	0.475207	1.28233	1.34219	1.34219	0.835501	1.19778	1.07193	0.244251	1.51745	1.51745	0.324079	0.673977	-1.48373	0.260363	0.691052	-1.44965	1.17783	2.18611	1.64982	1
ILMN_2056557?	MPPE1;MPPE1	0.414064	0.44085	0.727448	-1.37467	0.750228	0.880985	-1.13509	0.658705	0.69244	-1.44534	0.0950558	1.02542	1.02542	0.189131	0.75626	-1.75626	0.344853	1.4349	1.4349	0.0114199	0.503325	-1.98679	0.170365	0.553698	-1.80624	0.632928	0.822096	-1.21507	1.17782	1.05742	0.30741	1
ILMN_2146055?	MEPCE;ZC3H8V1	0.414074	0.574617	1.08976	1.08976	0.402126	1.1388	1.1388	0.540541	1.09846	1.09846	0.692985	1.06872	1.06872	0.217637	1.21724	1.21724	0.843905	1.03033	1.03033	0.716824	0.946285	-1.05676	0.929073	0.811534	-1.23223	0.0507872	1.38652	1.38652	1.17779	0.428566	0.323443	1
ILMN_2225553?	BLVRA	0.414078	0.951618	0.884944	-1.13017	0.577134	0.971376	-1.04948	0.741938	0.902567	-1.10765	0.629567	1.07567	1.07567	0.466844	0.807402	-1.23898	0.933059	1.082385	1.082385	0.475913	1.14226	1.14226	0.14653	1.41653	1.41653	0.744989	0.930494	-1.0747	0.440149	0.840486	-1.18979	1.17787	0.98087	0.685934	1
ILMN_2000675?6	GADD45B	0.41409	0.279142	0.806194	-1.2404	0.110421	1.39524	1.39524	0.165246	1.32762	1.32762	0.734994	0.937023	-1.06721	0.923808	1.01848	1.01848	0.467561	1.15203	1.15203	0.801455	1.04942	1.04942	0.616242	0.907785	-1.10158	0.155033	1.33825	1.33825	1.17776	0.683762	0.516054	1
ILMN_1909322	CNTN2	0.414094	0.136262	0.684979	-1.4599	0.872249	0.941806	-1.06179	0.604736	1.22049	1.22049	0.731442	0.870552	-1.14936	0.0444186	0.443277	-2.41326	0.520657	0.616764	-1.62136	0.183894	1.99071	1.99071	0.0817183	1.23655	1.23655	0.607855	0.820769	-1.21837	1.17775	2.71643	2.05018	1
ILMN_2292389?	EMID2	0.414101	0.678029	0.763546	-1.30968	0.300133	0.499647	-2.00141	0.188679	0.540582	-1.84953	0.362691	0.748949	-1.33602	0.0484582	0.455953	-2.19269	0.342399	0.531462	-1.8816	0.0404144	0.216596	-4.6169	0.544875	0.673018	-1.48585	0.687432	1.2987	1.2987	1.17774	0.778902	0.58781	1
ILMN_2019620?7	FABP5	0.414115	0.789904	1.07102	1.07102	0.420272	1.23561	1.23561	0.442098	1.22309	1.22309	0.632208	1.1319	1.1319	0.272606	1.34096	1.34096	0.084279	1.63348	1.63348	0.0534311	1.75712	1.75712	0.791224	1.07055	1.07055	0.520775	0.845095	-1.18204	1.17771	1.23134	0.929371	1
ILMN_2125652?	AGR2	0.414125	0.350557	1.74022	1.74022	-1.34002	0.814812	1.07408	0.804708	0.656853	1.98365	0.0983654	-1.01662	0.962627	0.0979393	1.03006	1.03006	0.574055	1.10961	1.10961	0.564345	1.88509	1.88509	0.0647229	0.580703	-1.72766	0.657155	0.82728	-1.14576	1.17769	1.73075	1.30631	1
	COMMD9;COMMD9;COMMD9;COMM																																
ILMN_2201795?	D9	0.414126	0.557569	1.10553	1.10553	0.533445	1.11259	1.11259	0.497093	1.1237	1.1237	0.567457	0.848504	-1.17855	0.0430437	0.14569	-1.14569	0.833231	0.964962	-1.03631	0.0367872	0.663439	-1.5073	0.635671	1.08408	1.08408	0.998593	0.999702	-1.0003	1.17768	0.53369	0.402817	1
ILMN_2074007?4	COL9A3	0.414127	0.129542	0.277586	-3.60249	0.627355	1.46641	1.46641	0.0993308	0.243239	-4.11119	0.591444	0.654423	-1.52806	0.10526	0.250312	-3.99501	0.253369	0.393181	-2.54336	0.666845	0.71255	-1.40341	0.246984	0.387789	-2.57872	0.923003	0.927114	-1.07859	1.17768	11.4217	8.62082	1
ILMN_2012012?	TMSB10	0.414128	0.393894	0.693827	-1.44128	0.712135	1.16781	1.16781	0.671471	1.1955	1.1955	0.846671	0.922166	-1.0844	0.533538	0.770452	-1.29794	0.328771	0.655803	-1.52485	0.0346766	0.356755	-2.80304	0.510605	1.32223	1.32223	0.513268	1.31984	1.31984	1.17768	3.26773	2.46642	1
	LARP4;LARP4;LARP4;LARP4;LARP4																																
ILMN_2175393?5	4;LARP4	0.41415	0.667801	0.958616	-1.04317	0.849219	1.20502	1.20502	0.116111	1.18196	1.18196	0.838055	1.02024	1.02024	0.184481	1.14774	1.14774	0.652637	0.956616	-1.04535	0.511

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg05618548	NRP1	0.41454	0.724777	1.04833	1.04833	1.0378934	0.920104	-1.08683	0.323089	0.872605	1.14599	0.938586	1.010194	1.010194	0.0309725	1.40239	1.40239	0.901046	0.988529	-1.01675	0.872732	1.01264	1.02164	1.02164	0.285009	1.1598	1.1598	0.6491083	1.054078	1.07479	0.1322448	0.2500963	1
cg07683385	CYFIP1; CYFIP1	0.41454	0.738525	0.94358	-1.05979	0.4832655	1.131146	1.131146	0.795499	0.955974	-1.04605	0.55518	1.10899	1.10899	0.1509	1.25985	1.23112	1.23112	0.736253	1.06035	0.0401703	1.50833	1.53083	0.5045304	0.897995	-1.11359	0.3629779	0.850378	-1.17595	1.17679	0.5600065	0.4230447	1
cg18477117	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;B IN1;BIN1;BIN1	0.414544	0.384462	0.701742	-1.42503	0.6692236	0.446003	-2.24214	0.121735	0.513596	-1.94706	0.74583	0.878811	-1.1379	0.802595	0.905297	-1.10461	0.496515	0.76016	-1.31551	0.575561	1.25192	1.25192	0.361907	0.689189	-1.45098	0.3516227	1.46337	1.46337	1.17679	2.94039	2.22103	1
cg04880611	MIR548HM;NOX5	0.414545	0.727886	0.821323	-1.21755	0.9828997	0.987693	-1.01215	0.654241	0.775658	-1.28923	0.238948	0.20369	0.20369	0.129106	0.396983	-2.519	0.337617	1.74554	1.74554	0.127262	2.53283	2.53283	0.57085	1.46021	1.46021	0.396029	1.63198	1.63198	1.17679	5.918454	4.47053	1
cg21488538	CNGA3;CNGA3	0.41457	0.274995	0.422273	-2.36814	0.256807	0.406556	-2.45969	0.266575	0.40764	2.40764	0.554758	0.635401	-1.57381	7	?	?	0.238255	2.55404	2.55404	0.304865	0.446402	-2.24013	?	?	0.88038	0.900618	-1.11035	1.16254	8.25121	8.11149	1
cg19816075	OAS3	0.414577	0.0303428	0.141786	-7.05291	0.925348	1.07456	1.07456	0.423349	0.53393	-1.87291	0.47272	1.75144	1.75144	0.333679	0.465264	-2.14932	0.429075	1.8579	1.8579	0.752519	0.784479	-1.27473	0.694957	0.739034	-1.35312	0.6560008	0.708916	-1.4106	1.17672	10.9737	8.28949	1
cg09974063	GRIA4;GRIA4	0.414578	0.416027	0.519607	-1.88109	0.129407	0.187844	-3.47411	0.0370471	0.158759	-6.2689	0.481289	0.580581	-1.72301	0.142504	0.307159	-3.31412	0.372965	0.498983	-2.00408	0.3210095	0.466156	-2.17225	0.603163	0.6721245	-1.48979	0.7083991	0.751585	-1.33052	1.17671	10.7664	8.13294	1
cg12338697	TMEM192	0.414583	0.264352	1.39912	1.39912	0.645276	0.798858	-1.25179	0.160995	1.54065	1.54065	0.814018	1.07184	1.07184	0.985397	1.0053	1.0053	0.364508	0.76414	-1.30865	0.668776	1.13229	1.13229	0.888861	0.581759	-1.71892	0.7078393	0.807039	-1.11478	1.1767	1.55304	1.17317	1
cg13209683	DDX53	0.414583	0.902017	1.06555	1.06555	0.0757706	0.360984	-2.77021	0.144855	0.446084	-2.24173	0.971627	1.01851	1.01851	0.154571	0.455875	-2.19358	0.352427	0.610602	-1.63773	0.630755	0.779054	-1.28361	0.548613	1.3674	1.3674	0.61335	1.30041	1.30041	1.1767	4.95306	3.74157	1
cg25473526	LOC285419;LOC285419	0.414589	0.14262	1.28063	1.28063	0.4000411	0.22103	-1.92427	0.0170046	0.3744	-2.67094	0.646913	0.554419	1.00645	0.939508	1.00645	-1.00645	0.453771	1.54918	1.54918	0.0974466	2.036383	-2.43042	0.5105	0.8988981	-1.69785	0.4049478	0.508785	-1.96547	1.16691	11.721	8.85425	1
cg16506172	LGHDH;ATP5S;ATP5S;ATP5S	0.414597	0.69528	1.36112	1.36112	0.109469	0.91662	1.09162	0.94935	0.600487	6.00487	0.775104	1.25141	1.25141	0.225822	2.70779	2.70779	0.451379	1.82617	1.82617	0.506359	1.66933	1.66933	0.268147	0.248019	0.645052	0.6953137	-1.43819	1.99917	11.387	7.38559	1
cg02699090	PTPRB;PTPRB;PTPRB;PTPRN2	0.414599	0.0559191	0.491241	-2.07022	0.5532106	0.808444	-1.23694	0.445313	0.700004	-1.42869	0.815887	0.930423	-1.08152	0.159654	0.586233	-1.70586	0.516765	1.24717	1.24717	0.360941	0.921844	0.9675564	-1.03152	0.4408313	0.767877	-1.30229	1.17667	2.10401	1.58943	1
cg05065583	CLK1;CLK1;CLK1;CLK1	0.414603	0.0420084	0.570804	-1.75102	0.547177	0.864352	-1.15694	0.6005161	0.881244	-1.13476	0.680066	0.90554	-1.10431	0.700108	0.911546	-1.09704	0.142014	0.685397	-1.45901	0.161027	0.698909	-1.4308	0.150604	0.3981661	-1.44958	0.470121	0.83876	-1.19224	1.17666	1.06708	0.806113	1
cg08413427	DBF4B	0.414605	0.239478	0.557343	-1.79423	0.234839	0.553808	-1.80568	0.44784	0.692717	-1.4436	0.167467	0.497435	-2.01031	0.0920549	0.414745	-2.41112	0.134769	0.465242	-2.14942	0.696984	0.838316	-1.20407	0.2686	0.578784	-1.72776	0.119842	0.44894	-2.22747	1.17665	4.19711	3.17066	1
cg25026401	SLC15A4	0.414606	0.793608	0.942914	-1.06054	0.0154691	0.64382	1.64382	0.864974	0.10892	1.10892	0.566364	1.13876	1.13876	0.606852	1.1234	1.1234	0.535133	0.868662	-1.1512	0.122762	0.687378	-1.4548	0.974434	1.00721	1.00721	0.6903666	0.914146	-1.09392	1.17665	0.9056	0.707513	1
cg07385375	RFTN1	0.414608	0.220758	1.47531	1.47531	0.472099	1.24725	1.24725	0.740992	0.904656	-1.10539	0.853787	0.945797	-1.05731	0.446426	1.26419	1.26419	0.195377	1.51238	1.51238	0.0363548	2.08541	2.08541	0.289732	1.39367	1.39367	0.527625	1.21327	1.21327	1.17665	1.70048	1.28461	1
cg01022870	CCDC99	0.414608	0.104807	0.637497	-1.51843	0.910157	1.02909	1.02909	0.0754511	0.604908	-1.65314	0.307056	0.764469	-1.3081	0.503407	0.841576	-1.18825	0.772537	0.929028	-1.07639	0.465818	0.82819	-1.20745	0.190237	0.703033	-1.42241	0.477289	1.20145	1.20145	1.17665	1.20225	0.908226	1
cg15896301	HS01784;HSD17B4	0.414609	0.8904415	1.01848	1.01848	0.562912	1.08077	1.08077	0.81679	1.0313	1.0313	0.421471	1.15123	1.15123	0.380613	1.12686	1.12686	0.963697	1.00606	1.00606	0.0278915	3.707115	-1.1442	0.664158	0.9436361	-1.05973	0.818761	1.03095	1.03095	1.17665	0.32866	0.248284	1
cg02888146	HVEP2	0.414614	0.705765	0.939059	-1.0649	0.667599	1.07425	1.07425	0.929326	0.985402	-1.01481	0.502165	0.893234	-1.11953	0.1101389	1.33456	1.33456	0.317532	0.842588	-1.18682	0.231624	0.812223	-1.23119	0.153832	0.776384	-1.28802	0.529808	1.11128	1.11128	1.17664	0.5120098	0.386864	1
cg12720459	PELI2;PELI2	0.414617	0.644383	1.09497	1.09497	0.930622	1.12165	1.12165	0.160474	0.165198	1.2219	1.2219	1.2219	1.2219	0.76293	1.0418	1.0418	0.0410914	0.68048	1.46966	1.00256	1.00256	-1.12165	0.1705858	1.40493	1.40493	0.458258	1.10766	1.10766	1.17663	0.341532	0.258011	1
cg27023743	C6orf47;C6orf47	0.414618	0.140083	0.659802	-1.51561	0.396795	0.796698	-1.25518	0.803542	0.936798	-1.06747	0.297722	0.753726	-1.32674	0.338698	0.772349	-1.29475	0.257797	1.36249	1.36249	0.704923	1.10479	0.609817	0.873876	-1.14433	0.185124	1.44499	1.44499	1.17663	1.27854	0.965883	1
cg27066917	RASGEF1C	0.414642	0.559475	0.77728	-1.28631	0.737617	1.52867	1.52867	0.318118	0.481444	1.93734	1.93734	1.35622	0.692086	0.844888	1.14871	1.14871	0.749207	1.4005	1.4005	0.0124982	1.442256	-1.40256	0.749014	0.9944687	1.14647	1.14647	0.108443	0.8004485	0.424024	0.7562	3.2053	2.52373	1
cg27465055	SYCP3	0.414643	0.429729	0.818411	-1.22188	0.482704	1.19406	1.19406	0.851099	1.04783	1.04783	0.727483	0.916702	-1.09087	0.556448	0.862536	-1.15937	0.878196	0.962591	-1.03886	0.0318817	1.86861	1.86861	0.927272	0.977559	-1.02296	0.275033	1.32621	1.32621	1.1766	1.1517	0.870073	1
cg00456551	THAP4;THAP4	0.414651	0.759818	0.956723	-1.04523	0.0996176	0.770752	-1.29743	0.843108	0.937185	-1.067	0.293743	0.84318	1.18425	0.0603323	1.10772	1.10772	0.952866	1.08056	1.08056	0.553614	1.0903	1.0903	0.609837	0.0203823	0.737199	-1.35648	0.293974	0.854659	-1.17006	1.17656	0.387894	0.293054	1
cg21157690	ESR1;ESR1;ESR1	0.414655	0.772586	0.873201	-1.54521	0.123163	0.457713	-2.18478	0.697837	0.833113	-1.20029	0.986951	1.01155	1.01155	0.13916	1.54166	1.54166	0.454209	0.659721	-1.51602	0.0115525	0.53934	-1.85412	0.859808	0.920603	-1.08624	1.1655	0.4803	0.80269	1
cg23069120	SMAP1;SMAP1	0.41466	0.296419	1.34444	1.34444	0.54073	0.844256	-1.18447	0.250992	0.720431	-1.38806	0.973123	0.99087	-1.00921	0.380878	1.27854	1.27854	0.152566	1.52027	1.52027	0.0979763	1.64257	1.64257	0.757102	0.918682	-1.08852	0.842156	1.05602	1.05602	1.17654	1.39268	1.05219	1
cg21275283	MYO15A	0.414664	0.294173	1.53445	1.53445	0.177165	0.956287	1.04725	0.0682172	0.188255	2.82055	0.267079	0.761604	1.31242	0.0178724	1.35242	1.35242	0.0178264	0.5078	1.96911	0.0178264	1.96911	0.250027	1.83109	0.487885	-1.48109	0.4885463	0.9395453	-1.06424	0.937333	1.0422	1.0422	1.17653	0.514818	0.388953	1
cg26208039	RBP1;RBP1;RBP1;RBP1;RBP1;RBP1	0.414663	0.862368	0.97284	-1.02792	0.436227	0.881574	-1.13433	0.748733	1.05232	1.05232	0.597034	0.918821	-1.08835	0.514582	1.00493	1.1105	0.840484	0.738343	-1.35438	0.158465	0.787328	-1.27012	0.152226	1.27555	1.27555	0.761429	0.952828	-1.04951	1.17653	0.46923	0.354511	1
cg12411808	DAB1	0.414671	0.408658	0.828809	-1.20655	0.142872	1.4189	1.4189	0.142152	0.141993	1.41993	0.40444	0.827341	-1.20869	0.314226	0.801493	-1.24767	0.548045	0.87367	-1.1446	0.37062	1.22663	1.22663	0.57105	0.8800559	-1.13564	0.933919	0.981744	-1.0186	1.17651	0.919835	0.694962	1
cg11394785	LTC4S	0.414674	0.323634	0.490077	-2.04055	0.0582172	1.88255	1.88255	0.226055	0.673805	-1.48411	0.257193	0.70348	-1.42155	0.0178264	1.35242	1.35242	0.0178264	0.5078	1.96911	0.0178264	1.96911	0.250027	1.83109	0.487885	-1.48109	0.4885463	0.9395453	-1.06424	0.937333	1.0422	1.0422	1.17653	0.514818	0.388953	1
cg26723331	TRIM27	0.414693	0.270924	0.800682	-1.24893	0.495662	0.874444	-1.14358	0.453571	0.862375	-1.15959	0.494103	0.873982	-1.14419	0.0770185	0.683024	-1.46408	0.233652	1.274	1.274	0.301756	1.23058	1.23058	0.96417	1.00875	1.00875	0.975976	0.994177	-1.00586	1.17647	0.70079	0.529488	1
cg10036368	LOC285796	0.414695	0.141853	1.39355	1.39355	0.455555	0.763966	1.30909	0.77702	0.317054	1.31064	0.661656	0.64207	-1.55732	0.0402313	1.55731	1.55731	0.163906	0.7933	1.26092	0.0402313	1.26092	0.160191	1.88003	0.0130973	2.00571	0.0322124	0.962472	0.0388924	1.17642	0.2311	0.154427	1
cg24462545	MAGEB3	0.414717	0.733054	0.785586	-1.27293	0.864169	1.12828	1.12828	0.408028	0.550707	-1.81585	0.643465	0.719958	-1.38897	0.129818	0.315521	-3.16936	0.44525	1.73072	1.73072	0.0564129	0.218124	-4.58455	0.778435	0.8196985	-1.21998	0.185668	0.371853	-2.68923	1.17641	2.581	6.99534	1
cg16778617	RBM33	0.414722	0.243389	1.43303	1.43303	0.13796	0.624493	-1.6013	0.175274	1.52939	1.52939	0.828555	0.938077	-1.06601	0.590623	1.17359	1.17359	0.604564	0.857288	-1.16647	0.233475	1.44513	1.44513	0.992679	1.00271	1.00271	0.938975	0.775289	-1.28984	1.1764	1.61868	1.22307	1
cg26497399	HOAC7;HOAC7	0.414728	0.374236	0.802193	-1.24633	0.0536222	0.876393	1.14045	0.876393	1.13545	1.13545	0.239861	1.64008	1.64008	0.157214	1.88242	1.88242	0.0479367	0.65173	1.53482	0.0479367	1.53482	0.687177	1.17495	0.1425965	1.81083	1.81083	0.589484	0.8049262	1.48129	0.3955	2.23308	1.73253	1
cg14707886	DCBLD2	0.414729	0.591686	0.857502	-1.16618	0.158145	1.53478	1.53478	0.170167	1.51403	1.51403	0.278138	1.37738	1.37738	0.371288	1.29776	1.29776	0.157601	1.53576	1.53576	0.0985663	1.67247	1.67247	0.635446	1.14521	1.14521	0.28512	1.37055	1.37055	1.17639	1.50184	1.1348	1
cg26982357	TBC1D14;TBC1D14;TBC1D14	0.414732	0.631272	0.916303	-1.09109	0.910095	1.02845	1.02845	0.400028	0.16875	1.16875	0.51322	1.12768	1.12768	0.441805	1.15269	1.15269	0.272609	1.22984	1.22984	0.0229468	1.64595	1.64595	0.0449855	1.10054	1.10054	0.7638	0.661383	0.4562307	1
cg00708258	ZNF14	0.414735	0.378815	1.40006	1.40006	0.109354	0.521707	-1.91678	0.987863	0.994347	-1.00569	0.822974	0.919881	-1.0871	0.218663	1.61742	1.61742	0.149567	1.56222	-1.77866	0.586581	0.814938	-1.22709	0.443386	0.742842	-1.34618	0.323192	1.46273	1.46273	1.17638	2.58794	1.95549	1
cg10217713	KNDC1	0.414747	0.10612	0.524144	-1.90787	0.249847	1.55301	1.55301	0.579105	1.22764	1.22764	0.401798	0.730445	-1.36903	0.792722	0.899424	-1.11182	0.470002	0.764113	-1.30871	0.107401	0.525605	-1.90257	0.88715	0.94937	-1.05333	0.3737317	0.715884	-1.39687	1.17635	2.49625	1.88625	1
cg06928607	CBFA2T3;CBFA2T3	0.414765	0.516315	0.875263	-1.14255	0.931105	1.02045	1.02045	0.400028	0.16875	1.16875	0.51322	1.12768	1.12768	0.441805	1.15269	1.15269	0.272609	1.22984	1.22984	0.0229468	1.64595	1.64595	0.0449855	1.10054	1.10054	0.7638	0.661383	0.4562307	1
cg10723711	CHRNB1	0.414779	0.116716	0.425657	-2.34931	0.864867	0.918183	-1.08911	0.941665	1.03736	1.03736	0.458826	0.673387	-1.48945	0.151177	0.466585	-2.14323	0.949144	1.03248	1.03248	0.0544566	0.335046	-2.98467	0.226268	0.529023	-1.89028	0.676569	0.807007	-1.23915	1.17628	4.6785	3.53543	1
cg16851832	LRTOMT;C11orf59;LRTOMT;LRTOMT	0.414781	0.213834	1.44853	1.44853	0.122311	0.457713	-2.18478	0.697837	0.833113	-1.20029	0.986951	1.01155	1.01155	0.13916	1.54166	1.54166	0.454209	0.659721	-1.51602	0.0115525	0.53934	-1.85412	0.859808	0.920603	-1.08624	1.1655	0.4803	0.80269	1
cg03771651	RIIXB	0.414782	0.167908	0.598664	-1.67039	0.302825	1.45151	1.45151	0.313785	1.43862	1.43862	0.784075	1.10063	1.10063	0.33384	0.70612	-1.41619	0.836524	0.930412	-1.07479	0.22712	0.642325	-1.55683	0.205796	1.5935	1.5935	0.798854	1.09324	1.09324	1.17627	2.27031	1.71563	1
cg16363840	LRP4P1	0.414789	0.422153	0.781852	-1.27901	0.198113	1.503656	1.503656	0.146264	0.621132	-1.60996	0.281943	1.39947	1.39947	0.0874202	0.95954	-1.0643	0.293653	0.731227	-1.36721	0.0613599	0.998273	-1.00173	0.913443	1.42118	1.42118	0.804939	1.07722	1.07722	1.17626	1.67815	1.26816	1
cg24041078	BTG4;BTG4	0.414795	0.813264	1.29223	1.29223	0.660041	1.61534	1.61534	0.970167	0.960293	-1.04135	0.272446	0.290039	-3.44709	0.386738	0.382422	-2.61491	0.329728	1.84864	1.84864	0.28629	0.631383	-1.63736	0.0993901	0.70673	0.70673	0.170676	0.85184	0.85184	1.17626	21.8653	16.5237	1
cg07913310	GPI	0.414804	0.934192	0.988039	-1.01211	0.796379	0.963023	-1.0384	0.865509	0.975603	-1.02501	0.89586	1.01927	1.01927	0.259603	1.18687	1.18687	0.919913	0.985453	-1.01476	0.188636	0.816735	-1.22439	0.318186	1.16222	1.16222	0.0537145	1.37601	1.37601	1.17623	0.395517	0.298897	1
cg01418412	TC2N;TC2N;TC2N	0.414814	0.960684	1.14058	1.14058	0.0682172	1.88255	1.88255	0.226055	0.673805	-1.48411	0.257193	0.70348	-1.42155	0.0178264	1.35242	1.35242	0.0178264	0.5078	1.96911	0.0178264	1.96911	0.250027	1.83109	0.487885	-1.48109	0.4885463	0.9395453	-1.06424	0.937333	1.0424	1.0424	1.17609	0.514821	0.388953	1
cg01831166	MARS2;MARS2	0.414815	0.849505	1.04068	1.04068	0.575059	0.887897	-1.12626	0.616092	0.899565	-1.11165	0.886863	0.970559	-1.03033	0.997239	1.00073	1.00073	0.164913	0.732726	-1.36477	0.386552	0.830005	-1.20481	0.0698178	1.53051	1.53051	0.285801	1.262	1.262	1.17621	0.820851	0.620339	1
cg22795475	PTPRU;PTPRU;PTPRU	0.414825	0.820163	0.82737	-1.11912	0.2899515	1.47446	1.47446	0.188262	0.22006	2.22006	0.158748	2.48843	2.48843	0.130152	0.562787	-1.77687	0.181665	2.2758	2.2758	0.0132568	1.43563	1.43563	0.607755	0.6808358	-1.46378	0.384376	1.66564	1.66564	1.17618	6.02592	4.60093	1
cg15392845	DPF3	0.414825	0.255513	0.882972	-1.13311	0.515958	1.08204	1.08204	0.7	1.13337	1.13337	0.0592705	0.789767	-1.26717	0.862909	0.979719	-1.0207	0.317538	1.884716	1.884716	0.13031	0.724618	-1.38031	0.724618	0.4152577	1.10376	1.10376	0.836136	0.975745	-1.02486	1.17615	0.261804	0.197862	1
cg01536947	PITPNC1;PITPNC1	0.414847	0.295635	0.402235	-2.48611	?	?	0.0237921	0.02965	0.026965	0.769111	1.28041	1.28041	0.0765355	0.191329	0.226559	?	0.121201	0.243882	-4.10314	0.0573912	0.956106	-1.04591	0.169981	1.16449	0.92745	1
cg27385126	ATP11A;ATP11A	0.414851	0.989023	1.00264	1.00264	0.0536222	1.87693	1.87693	0.875848	1.73491	1.73491	0.241491	1.33583	1.33583	0.0497422	1.22951	1.22951	0.30286	1.51619	-1.19454	0.494792	1.2188	1.2188	0.0806469	-1.22299	0.8837085	0.880469	-1.15576	1.17613	0.7603	0.5816	1
cg19295732	LOC100128977	0.414851	0.537692	1.47027	1.47027	0.402746	1.69708	1.69708	0.325886	0.534435	-1.87114	0.543961	1.46137	1.46137	0.102935	0.332218	-3.01007	0.255798	2.08075	2.08075	0.234574	2.15889	2.15889	0.454795	1.60039	1.60039	0.911017	0.933279	-1.07149	1.17613	7.10651	5.37093	1
cg11772682	MAGI1;MAGI1	0.414869	0.82939	1.10373	1.10373	0.498252	1.34905	1.34905	0.35835	0.768068	-1.30197	0.674242	0.755426	-1.32382	0.0462661	1.32409	1.32409	0.655885	1.21494	1.21494	0.0601672	2.42409	2.42409	0.153308	1.94618	1.94618	0.697764	0.843715	-1.18524	1.17609	3.53229	2.6697	1
cg21483264	FAM59B	0.414877	0.394684	0.725155	-1.37901	0.687618	1.16068	1.16068	0.329857	1.4473	1.4473	0.91071	0.959489	-1.04222	0.130968	0.544172	1.82424	0.330936	0.69088	1.44746	0.0831064	0.672859	-1.02849	0.550383	1.24949	1.24949	0.725695	0.878222	-1.13866	1.17607	2.53123	1.91313	1
cg01577292	ARC	0.41488	0.166426	1.5241	1.5241	0.396229	0.790683	-1.26473	0.533922	0.84341	-1.18566	0.865419	0.95518	-1.04692	0.705253	0.902376	-1.10819	0.0564408	1.79294	1.79294	0.753719	0.918108	-1.0892	0.858279	0.952831	-1.0495	0.443648	1.23507	1.23507	1.17604	1.36112	1.02878	1
cg04897417	PBX1	0.414897	0.894095	1.06295	1.06295	0.0582172	1.88255	1.88255	0.226055	0.673805	-1.48411	0.257193	0.70348	-1.42155	0.0178264	1.35242	1.35242	0.0178264	0.5078	1.96911	0.0178264	1.96911	0.250027	1.83109	0.487885	-1.48109	0.4885463	0.9395453	-1.06424	0.937333	1.0424	1.0424	1.17609	0.514821	0.388953	1
cg09799156	BEST4	0.414907	0.290829	0.76724	-1.28746	0.191219	0.726898	-1.37571	0.379137	0.812228	-1.23118	0.193243	0.728074	-1.37349	0.630054	0.894165	-1.11836	0.419946	0.827012	-1.20917	0.160558	1.41272	1.41272	0.790321	0.940592	-1.06316	0.175129	0.717213	-1.39429	1.17601	0.989574	0.747973	1
cg07530022	TMEM48A;LOC100134368	0.414911	0.567638	0.756707	-1.32139	0.263736	0.85378	-1.17126	0.550728	0.691578	-1.44585	0.32515	0.72113	-1.38585	0.105078	0.596115	-1.67813	0.357847	0.611783	-1.63455	0.0196113	0.748613	0.748613	0.0127564	0.2882448	-3.46923	0.1656485	1.32223	1.32223	1.17598	0.837254	0.631125	1
cg07839208	N4BP1	0.414912	0.62385	0.774685	-1.29085	0.0711102	0.352984	-2.83299	0.861176	0.913555	-1.09462	0.291981	0.568504	-1.759	0.846077	0.904487	1.1056	0.509699	1.41262	1.41262	0.0990414	0.392946	-2.54488	0.763074	0.855424	-1.16901	0.163278	0.463673	-2.15669	1.176	4.96904	3.7559	1
cg11923054	TMEM128	0.414912	0.656091	0.876746	-1.14058	0.290719	0.724414	-1.3804	0.547434	1.19603	1.19603	0.407222	0.779359	-1.28311	0.840257	1.06114	1.06114	0.0993704	0.587946	-1.70084	0.353584	0.755297	-1.32398	0.278195	1.39313	1.39313	0.287759	1.38338	1.38338	1.176	1.61025	1.21712	1
cg22778120	PRR5;PRR5;PRR5;PRR5	0.414916	0.880888	0.937563	-1.06663	0.673623	0.799657	-1.25103	0.630879	0.709078	-1.40953	0.708078	0.88209	-1.13402	0.164934	0.68729	-1.45526	0.476583	2.09126	2.09126	0.0845405	0.831561	-1.20281	0.0922607	0.8975436	2.13136	-1.22981	0.0922607	0.9795746	-1.02088	1.17599	1.19145	0.92404	1
cg00312919	STARD3NL	0.414917	0.892846	0.980889	-1.01948	0.358608	1.14643	1.14643	0.818578	1.03344	1.03344	0.79331	1.03831	1.03831	0.93548	1.01166	1.01166	0.175185	0.813483	1.22928	0.072	0.750106	-1.

File: ESM_23 (Online Resource 23)

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| Probeset ID | UCSC_REFGENE_NAME | p-value(Test) | p-value(1047 vs. N) | Fold-Change(1 vs.1047) | p-value(105T vs. N) | Fold-Change(1 vs.105T) | p-value(111T vs. N) | Fold-Change(1 vs.111T) | p-value(112T vs. N) | Fold-Change(1 vs.112T) | p-value(121T vs. N) | Fold-Change(1 vs.121T) | p-value(123T vs. N) | Fold-Change(1 vs.123T) | p-value(124T vs. N) | Fold-Change(1 vs.124T) | p-value(126T vs. N) | Fold-Change(1 vs.126T) | p-value(127T vs. N) | Fold-Change(1 vs.127T) | p-value(128T vs. N) | Fold-Change(1 vs.128T) | p-value(129T vs. N) | Fold-Change(1 vs.129T) | p-value(130T vs. N) | Fold-Change(1 vs.130T) |

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cg06711837	3	0.415914	0.191585	0.43279	-2.31059	0.626415	1.36404	1.34604	0.982439	0.986755	-1.01342	0.616233	1.35814	1.35814	0.352853	0.560392	-1.78446	0.0443791	0.246894	-4.05033	0.469627	0.640618	-1.56099	0.4864	1.53483	1.53483	0.998083	0.998546	-1.00146	1.17385	6.82224	5.16609	1
cg11487532	CD82;CD82	0.415916	0.603314	1.14026	1.14026	0.568757	0.865708	-1.15512	0.269248	1.33384	1.33384	0.0258732	0.515658	-1.93927	0.702644	0.908435	-1.10079	0.816107	0.943345	-1.06006	0.639506	0.888597	-1.12537	0.883767	0.964037	-1.0373	0.777586	0.931554	-1.07348	1.17585	1.16537	0.882467	1
cg12169784	SPIN4	0.415917	0.437003	1.15892	1.15892	0.159941	1.319441	1.319441	0.783643	1.05213	1.05213	0.825319	0.960201	-1.04165	0.903789	1.02253	1.02253	0.532126	1.12393	1.12393	0.0405834	1.54739	1.54739	0.457308	1.14998	1.14998	0.359306	0.840285	-1.19007	1.17384	0.633685	0.479856	1
cg23986671	ADAMTS5;ADAMTS5	0.415924	0.437166	0.906817	-1.10276	0.707282	0.954514	-1.04765	0.352136	1.12543	1.12543	0.896279	1.01623	1.01623	0.966022	1.25441	1.25441	0.21785	1.17348	1.17348	0.197657	1.18299	0.895664	1.01632	1.01632	0.152012	1.2085	1.2085	1.57383	0.283131	0.214403	1
cg12885432	LYPD8	0.415925	0.336324	1.72016	1.72016	0.54833	1.39423	1.39423	0.680671	0.797383	-1.2541	0.46058	1.50839	1.50839	0.103245	0.377155	-2.65147	0.569278	1.36987	1.36987	0.511047	0.694383	-1.44013	0.17769	2.18967	2.18967	0.288082	1.82843	1.82843	1.57383	5.56554	4.21465	1
cg02527811	C2orf54	0.415937	0.166738	0.342916	-2.91617	0.70337	1.32013	1.32013	0.302084	0.460181	-2.17306	0.101117	3.68163	3.68163	0.529003	1.58884	1.58884	0.251816	0.41933	-2.38476	0.543467	1.56277	1.56277	0.879924	0.896065	-1.11599	0.871042	0.888746	-1.12518	1.7138	9.7977	7.41954	1
cg07424122	MUC5B	0.415938	0.449688	0.694415	-1.44092	0.357263	0.641019	-1.56002	0.0801468	0.403784	-2.4889	0.826602	1.50854	1.50854	0.284128	0.592958	-1.68646	0.41017	0.673277	-1.48527	0.122075	0.454278	-2.19165	0.113849	0.445762	-2.24335	0.245586	0.563791	-1.77371	1.7138	4.10126	3.10579	1
cg22281697	DLX6AS	0.415955	0.465981	1.3863	1.3863	0.269483	1.6689	1.6689	0.0219068	1.09991	1.09991	0.858864	0.81852	1.08152	0.683784	0.835026	-1.19757	0.888541	0.940128	-1.06368	0.411007	0.95065	-1.44791	0.701207	1.18499	1.18499	0.559969	1.29628	1.29628	1.13776	3.60336	2.72882	1
cg14853231	C1orf174	0.415962	0.509869	0.743861	-1.34434	0.253739	0.590046	-1.69478	0.20362	0.552158	-1.81108	0.4941	1.35983	1.35983	0.148233	0.503349	-1.98669	0.214264	0.560603	-1.78379	0.657919	0.820991	-1.21804	0.474086	1.38022	1.38022	0.358887	1.51827	1.51827	1.17375	3.64195	2.75808	1
cg00594260	LOC153978	0.415964	0.44793	0.352097	-2.84103	0.6472	1.54259	1.54259	0.0539	0.653959	1.52918	0.0203825	0.157976	-6.33009	0.188935	10.14599	-9.85999	0.214283	0.680758	-1.46915	0.309989	0.73072	-1.36853	0.242609	0.537663	-1.86022	0.413755	-2.41689	0.19605	64.5277	47.9616	1
cg01683044	HOXC4;HOXC6;HOXC5	0.415965	0.184963	0.715304	-1.39801	0.0772964	0.622233	-1.59688	0.749015	0.926355	-1.07965	0.627128	1.50676	1.50676	0.640774	0.894049	-1.11851	0.952436	1.04132	1.04132	0.553169	0.80838	-1.15157	0.13173	1.47366	1.47366	0.904412	0.971775	-1.02904	1.17374	1.05577	0.799549	1
cg14838256	SRGAP3	0.415965	0.114626	0.794871	-1.30744	0.513758	1.10899	1.10899	0.265126	0.835449	-1.19696	0.69798	1.06281	1.06281	0.208229	0.812804	-1.23031	0.819668	1.03715	1.03715	0.962371	1.03659	1.13609	-1.14535	0.422357	1.13659	1.13659	0.328314	1.17264	1.17264	1.17374	0.453646	0.349352	1
cg12397981	SELS;SELS	0.415982	0.977428	1.00543	1.00543	-1.00548	0.701848	1.07717	1.07717	0.783756	0.83228	-1.20152	0.549711	0.889608	-1.12409	0.711148	1.07453	1.07453	0.118132	1.38807	1.38807	0.0692885	1.48106	-1.48106	0.857772	0.965925	-1.03528	0.461103	1.86501	-1.15606	1.17371	0.694319	0.529833	1
cg22538778	PPM1H	0.415988	0.500582	1.29803	1.29803	0.764943	1.21502	2.12502	0.376924	1.45458	1.44158	0.297915	1.51099	1.51099	0.409404	1.3809	1.3809	0.429059	1.36181	1.36181	0.0733553	2.1464	2.1464	0.907993	1.04522	1.04522	0.137669	2.7201	2.26005	1
cg08276598	GSK3B;GSK3B	0.415989	0.513597	1.07813	1.07813	0.327167	0.904248	-1.10589	0.191481	1.17003	1.17003	0.130917	1.12066	1.12066	0.60543	0.942542	-1.06096	0.341528	1.11772	1.11772	0.990795	1.00131	1.00131	0.740166	1.19852	1.19852	0.0518561	1.28708	1.28708	1.17369	0.219576	0.181518	1
cg24797508	PIK3R1;PIK3R1	0.416002	0.196134	0.490431	-2.03902	0.419165	0.650341	-1.53766	0.67957	0.805338	-1.24171	0.534474	0.720425	-1.38807	0.361317	0.613168	-1.63087	0.50819	0.704774	-1.4189	0.023771	0.244984	-4.0819	0.195647	0.490007	-2.04079	0.611796	0.76585	-1.30574	1.17366	5.05013	3.82479	1
cg00706751	FAM152A	0.416003	0.420744	0.736378	-1.358	0.7912098	1.10263	1.10263	0.101914	1.94659	1.94659	0.898003	1.04887	1.04887	0.515537	0.781534	-1.27954	0.532088	0.790213	-1.26504	0.33109	1.59575	1.59575	0.180408	1.69754	1.69754	0.406381	0.729058	-1.37163	1.17366	2.57275	1.94851	1
cg16533146	MRPS35	0.416011	0.329761	0.540146	-1.85106	0.0695733	0.288532	-3.46582	0.201284	0.437598	-2.2852	0.97777	1.01721	1.01721	0.115728	0.510968	-1.95792	0.365582	0.565929	-1.76701	0.866167	0.901862	-1.10882	0.498998	1.5224	1.5224	0.976194	1.01844	1.01844	1.17364	6.97081	5.27953	1
cg10974980	LOX11	0.416018	0.466724	0.594335	-1.68255	0.0708397	0.242197	-4.12887	0.0631523	0.203026	-4.34167	0.224417	0.407979	-2.4511	0.404865	0.549502	-1.81983	0.335258	0.497536	-2.00991	0.169651	0.357819	-2.79471	0.515624	0.643591	-1.55378	0.471383	0.597681	-1.67313	1.17363	9.17383	6.94813	1
cg21987515	FBXW7;FBXW7;FBXW7	0.416028	0.442935	1.43147	1.43147	0.183107	0.708154	-1.0983	0.143399	1.20455	1.20455	0.250435	0.502407	2.02838	0.175153	1.07004	1.07004	0.299993	1.61057	1.61057	0.750536	0.803935	-1.15749	0.340804	0.643072	-1.55504	0.221171	1.80345	1.80345	0.17361	3.90805	2.95996	1
cg13897388	ROR8	0.416033	0.338538	0.545017	-1.8348	0.163511	2.49644	2.49644	0.793632	1.17503	1.17503	0.920496	0.940429	-1.06334	0.966313	0.974353	-1.02632	0.395305	1.70846	1.70846	0.229417	2.17252	2.17252	0.405176	1.68872	1.68872	0.122627	0.357296	-2.7988	1.7136	7.03509	5.32843	1
cg09134196	ZNF492	0.416096	0.198712	0.374243	-2.67206	0.210888	0.59597	-1.67837	0.0539	0.453889	-2.20344	0.0923175	0.604175	1.65435	0.0904778	1.04476	1.04476	0.454606	0.576268	-1.7353	0.21639	0.388914	-2.56467	0.228671	0.399257	-2.50465	0.156663	0.334094	-2.99317	1.7359	9.7367	7.37239	1
cg12901064	CKorf26	0.416037	0.100459	0.259506	-3.85347	0.246684	0.40328	-2.47967	0.331982	0.472222	-2.11764	0.183881	2.87732	2.87732	0.595842	0.669458	1.49375	0.173554	0.320857	-3.11775	0.0228	0.178307	-5.60844	0.0242	0.173554	0.320857	-3.11775	0.0228	0.178307	-5.60844	0.0242	1.17374	0.902062	0.743158	1.34556	1.34556	1.17374	0.443157	0.329533	1
cg04318006	SNTB1	0.416041	0.540221	0.880751	-1.1354	0.166243	1.35298	1.35298	0.456563	1.16798	1.16798	0.907018	0.996674	-1.00334	0.828081	1.04554	1.04554	0.595204	1.11607	1.11607	0.0664787	0.656093	-1.52417	0.017946	0.953388	-1.04835	0.282887	1.25671	1.25671	1.17358	0.779482	0.590393	1
cg09944020	SAMD8	0.416056	0.97805	1.00294	1.00294	0.298833	1.32323	1.32323	0.0924397	0.69754	1.43351	0.0924397	0.69754	1.43351	0.0924397	0.69754	1.43351	0.193179	0.608116	-1.64423	0.0667011	0.449253	0.694299	-1.44057	0.660701	1.51362	1.51362	0.0924397	0.69754	1.43351	1.17372	1.02002	1.30053	0.97555	1.25452	0.950218	1
cg15701237	RTP4	0.416057	0.372298	0.41129	-2.43138	0.0463657	0.109332	-9.14643	0.0534349	0.119087	-8.39721	0.718697	0.70409	-1.42027	0.311356	0.362067	-2.76192	0.560225	0.564775	-1.77062	0.564383	0.568275	-1.75971	0.885219	0.860267	-1.15039	0.713976	0.69973	-1.42912	1.17354	17.4863	13.2448	1
cg19087888	ACER3	0.416066	0.546349	0.827159	-1.2089	0.0904888	0.27192	-3.67735	0.12295	0.283154	-3.53111	0.0993117	-1.40981	0.0992349	0.546513	1.83113	1.83113	0.187125	0.539355	-1.85376	0.0479505	0.176836	5.65612	0.0473	0.188299	5.31088	0.0479505	0.176836	5.65612	0.0473	0.188299	5.31088	1
cg19846758	AMMECR1;RGAG1	0.416094	0.381649	0.878026	-1.13892	0.734103	0.961775	-1.03907	0.663547	0.970027	-1.03133	0.963764	1.01374	1.01374	0.796205	1.18684	1.18684	0.807638	1.03818	1.03818	0.737284	1.26206	1.26206	0.596808	0.92522	-1.08047	0.445167	0.893301	1.11944	1.17331	0.39054	0.295868	1
cg22437657	CCJD2A;CCJD2A;CCJD2A	0.416061	0.57373	0.885262	-1.12961	0.182062	0.738105	-1.35482	0.185269	0.739938	-1.35147	0.24272	0.769424	-1.29967	0.0518918	0.62235	-1.60681	0.902961	0.974188	-1.0265	0.493438	1.16081	1.16081	0.752716	0.93448	-1.07011	0.422183	0.8388	-1.19218	0.17353	0.854353	0.647126	1
cg22601257	YIPF1	0.416063	0.388241	1.37896	1.37896	0.393323	1.06559	1.06559	0.108947	1.29	1.29	0.332223	0.659725	1.1479	0.0749	1.22022	-1.07726	0.67645	1.04272	1.04272	0.946134	1.13222	1.13222	0.775441	1.28959	1.28959	0.985111	1.00727	1.00727	1.00273	0.615918	1.07669	0.96737	0.962126	0.962126	1.17364	0.300492	1
cg15443822	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2A2;ATP2 A3;ATP2A3;ATP2A3	0.416072	0.662345	0.800724	-1.24887	0.958681	0.396513	-2.52199	0.136437	0.444185	-2.25131	0.376173	0.631698	-1.58303	0.180548	0.487159	-2.05272	0.734917	0.842073	-1.18755	0.402128	0.648109	-1.54295	0.930073	1.04539	1.04539	0.282839	1.75841	1.75841	1.17351	4.75452	3.60136	1
cg03681481	OVOL1	0.416074	0.104698	0.725605	-1.37816	0.131797	0.745105	-1.34209	0.176899	0.771344	-1.29644	0.296786	0.822292	-1.21611	0.725578	1.06582	1.06582	0.634779	0.917088	-1.09041	0.697886	0.931877	-1.0731	0.875596	0.97206	-1.02874	0.313282	1.20761	1.20761	1.17351	0.6080358	0.460566	1
cg14709524	TCF25	0.416089	0.087303	0.474979	-2.10535	0.623381	1.21559	1.21559	0.755816	1.13094	1.13094	0.216184	1.67091	1.67091	0.525663	0.775954	-1.28874	0.842946	1.08139	1.08139	0.493451	1.76085	-1.31564	0.263922	1.58302	1.58302	0.304	1.52183	1.52183	1.17347	2.89157	2.19024	1
cg12538681	ABTB2	0.416092	0.19878	0.29064	-3.44107	0.0422075	0.164888	-6.06115	0.0239168	0.0999	-10.0015	0.0499	0.32086	3.12118	0.0499	0.32086	3.12118	0.0499	0.32086	3.12118	0.0499	0.32086	3.12118	0.0499	0.32086	3.12118	0.0499	0.32086	3.12118	0.0499	0.32086	3.12118	1
cg08851146	BLCAP;BLCAP;BLCAP;BLCAP	0.416094	0.15331	0.407299	-2.4552	0.235543	0.07561	-2.07561	0.265334	1.99759	1.99759	0.135709	0.388862	-2.57161	0.587538	0.724911	-1.37948	0.839103	1.12685	1.12685	0.801765	0.862625	-1.15925	0.382138	0.59066	-1.69302	0.561675	0.708433	-1.41157	1.17346	6.41308	4.85785	1
cg03366776	MARK3;MARK3;MARK3;MARK3;MARK3	0.416097	0.270926	1.18598	1.18598	0.652506	1.06978	1.06978	0.734391	0.950585	-1.05198	0.969856	1.00564	1.00564	0.0766359	0.74598	-1.34052	0.157842	1.25197	1.25197	0.297094	1.17452	1.17452	0.669125	1.06606	1.06606	0.639848	1.07265	1.07265	1.17346	0.411545	0.311744	1
cg09668627	VWA1;VWA1	0.416103	0.959386	1.04638	1.04638	0.141323	0.4903	0.4903	0.551615	1.70953	1.70953	0.764794	1.30621	1.30621	0.48439	1.88256	1.88256	0.773929	1.29227	1.29227	0.0261953	1.40468	1.40468	0.977349	0.975041	-1.0256	0.255328	2.87847	2.87847	1.17345	14.7303	11.1582	1
cg05777794	SLFN12L	0.416122	0.806662	1.11701	1.11701	0.0855183	0.347762	-2.87647	0.0439059	1.25383	1.25383	0.0125683	0.796894	1.218	0.0125683	0.796894	1.218	0.0125683	0.796894	1.218	0.0125683	0.796894	1.218	0.0125683	0.796894	1.218	0.0125683	0.796894	1.218	0.0125683	0.796894	1.218	1
cg26979197	VPS4A	0.416124	0.623313	0.769919	-1.29884	0.0607792	0.327441	-3.05398	0.660777	0.761945	-1.31243	0.62733	1.29486	1.29486	0.152113	0.444723	-2.24859	0.32168	0.582311	-1.71729	0.81055	0.880873	-1.13524	0.270324	1.83349	1.83349	0.897455	1.93416	-1.07047	1.7154	5.18434	3.92731	1
cg12527384	SCN3B;SCN3B;SCN3B;SCN3B	0.416131	0.645151	0.842062	-1.18742	0.462275	0.58168	-1.71838	0.657511	0.75504	-1.32454	0.490995	0.677983	1.47483	0.244884	1.72562	1.72562	0.411468	0.747308	0.747308	0.450969	0.810258	-1.23418	0.266107	0.385052	-2.59362	0.208397	0.542415	-1.84361	1.17359	0.59501	0.450964	1
cg00708678	SLC16A12	0.416152	0.541664	1.30117	1.30117	0.270218	1.63001	1.63001	0.0483728	2.61156	2.61156	0.957427	1.02298	1.02298	0.876097	0.935753	-1.06866	0.592555	1.25846	1.25846	0.865061	1.07507	1.07507	0.0611719	2.45441	2.45441	0.611345	1.24371	1.24371	1.17334	3.36578	2.54982	1
cg18489289	CXCL12;CXCL12;CXCL12	0.416154	0.611209	0.845363	-1.66923	0.129621	0.54691	-1.84091	0.0993117	0.832665	-1.20109	0.60569	1.65053	1.83113	1.83113	0.187125	0.539355	-1.85376	0.0479505	0.176836	5.65612	0.0473	0.188299	5.31088	0.0479505	0.176836	5.65612	0.0473	0.188299	5.31088	1
cg21479519	DAZAP1;DAZAP1	0.416164	0.381649	0.878026	-1.13892	0.734103	0.961775	-1.03907	0.663547	0.970027	-1.03133	0.963764	1.01374	1.01374	0.796205	1.18684	1.18684	0.807638	1.03818	1.03818	0.737284	1.26206	1.26206	0.596808	0.92525	-1.08047	0.445167	0.893301	1.11944	1.17331	0.39054	0.295868	1
cg02804240	NRCAM;NRCAM	0.416175	0.478831	0.527131	-1.89706	0.323136	2.47839	2.47839	0.414362	2.10027	2.10027	0.668198	0.681485	-1.46738	0.144263	0.247848	-4.03473	0.330062	0.409065	-2.4446	0.114061	0.216793	-4.6127	0.71854	1.37972	1.37972	0.356969	0.430606	-2.32231	1.17329	14.6975	11.1349	1
cg26746224	GRID2	0.416177	0.393536	2.05171	2.05171	0.0853154	0.817093	1.84918	0.0993117	0.832665	-1.20109	0.60569	1.65053	1.83113	1.83113	0.187125	0.539355	-1.85376	0.0479505	0.176836	5.65612	0.0473	0.188299	5.31088	0.0479505	0.176836	5.65612	0.0473	0.188299	5.31088	1
cg16890428	FAM71E2;CCK6B2 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI M2;ABLIM2;ABLIM2;ABLIM2	0.416195	0.401942	0.586297	-1.70562	0.970519	0.97726	-1.02327	0.933465	0.949356	-1.05335	0.0523505	0.258546	-3.86778	0.347976	0.548023	1.82474	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg13130338	M2;ABLIM2;ABLIM2	0.416195	0.542451	0.663905	-1.50624	0.162678	2.69162	2.69162	0.998105	1.00158	1.00158	0.879917	1.10565	1.10565	0.102481	0.305106	-3.27755	0.772322	1.21256	1.21256	0.20667	0.412795	-2.42251	0.422936	0.580558	-1.72248	0.259627	0.457838	-2.18418	1.17325	8.20109	6.2134	1
cg08233235	RPL28;RPL28;RPL28;RPL28	0.416198	0.282897	0.632268	-1.58161	0.623231	1.12562	1.12562	0.259256	1.62187	1.62187	0.754413	1.13762	1.13762	0.364602	0.682996	-1.46414	0.690468	0.848349	-1.17876	0.0974557	0.474585	-2.11111	0.494222	0.751843	-1.33006	0.268709	1.6053	1.6053	1.17324	3.13688	2.37661	1
cg20134190	POP1;POP1;POP1;POP1;RFSP12	0.416201	0.564551	0.852862	-1.17295	0.4228	1.36188	1.36188	0.651711	1.05004	1.05004	0.409995	0.977983	1.00273	0.0273	0.727263	1.37496	0.418468	0.743808	0.743808	0.449999	0.777483	1.18783	1.18783	0.430699	0.841911	1.18783	1.18783	0.430699	0.841911	1.18783	1.17324	1.12022	1.02022	0.955502	1.12022	1.12022	1.17324	1.12022	1.02022	0.955502	1.12022	1.12022	1.17324	0.512054	0.387964	1
cg19683962	CYP2U1	0.416221	0.834306	1.03757	1.03757	0.353793	1.47036	1.47036	0.971666	1.00627	1.00627	0.3164	1.20005	1.20005	0.884871	0.974814	-1.02584	0.930115	0.984675	-1.01556	0.133025	0.750466	-1.33251	0.578583	1.10383	1.10383	0.502307	1.12735	1.12735	1.17319	0.57594	0.436371	1
cg14638681	C2F1	0.416228	0.893222	0.907165	-1.10195	0.105188	0.643959	-1.55289	0.714455	0.912664	-1.09569	0.681077	1.1082	1.1082	0.658943	0.895454	-1.11675	0.732855	1.14129	1.14129	0.0405834	1.54739	1.54739	0.457308	1.14998	1.14998	0.359306	0.840285	-1.19007	1.17384	0.633685	0.479856	1
cg14928452	ITGA9	0.416233	0.599053	0.817982	-1.22252	0.0310568	0.607093	2.60793	0.638784	1.19607	1.19607	0.970148	0.741498	-1.34862	0.420184	0.732064	1.366	0.63485	1.19856	1.19856	0.649413	1.88924	1.88924	0.477434	0.533115	1.33212	0.312312	0.654717	1.18586	1.18586	1.17317	2.66467	2.01808	1
cg10276227	LRP3	0.416244	0.826887	0.930877	-1.07426	0.751658	1.10941	1.10941	0.442167	0.773925	-1.29211	0.995482	1.00185	1.00185	0.247066	1.48559	1.48559	0.732855	1.14129	1.14129	0.0405834	1.54739	1.54739	0.457308	1.14998	1.14998	0.359306	0.840285	-1.19007	1.17384	0.633685	0.479856	1
cg01706498	KLHL6	0.416249	0.377656	0.793627	-1.26066	0.628224	1.13269	1.13269	0.312009	0.720207	0.720207	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	0.0957724	-1.40409	1
cg03907570	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B; PRKAR1B;PRKAR1B	0.416261	0.619286	1.37402	1.37402	0.254156	1.12837	1.12837	0.292816	0.500425	-1.9983	0.338394	1.87015	1.87015	0.143627	0.36906	-2.70959	0.531283	0.668793	-1.49523	0.452734	1.62458	1.62458	0.380074	1.77035	1.77035	0.175643	0.5617	-1.78031	1.17311	7.47648	5.66509	1
cg21700511	HSPA12B	0.416264	0.202372	1.98545	1.98545	0.2293659	3.6973	1.6973	0.952752	0.970258	-1.03065	0.442924	1.48978	1.48978	0.523887	1.38977	1.38977	0.973769	0.983385	-1.0169	0.198182	1.99967	1.99967	0.56644	1.34353	1.34353	0.318364	1.69134	1.69134	1.7131	4.82419	3.65541	1
cg09923107	ID1;ID1;ID1	0.416276	?	?	?	?	?	?	?	?	?	?	0.214848	0.314462	-3.18003	0.191126	0.295158	-3.38802	0.23585	0.332644	-3.00622	0.203124	0.300131	-3.28825	0.197472	0.290066	-3.44374	0.388623	0.457096	-2.18772	1.14762	9.5127	11.0521	1
cg14914822	NEDD4L;NEDD4L;NEDD4L	0.416277	0.109186	1.09813	1.09813	0.165576	0.252707	-3.95716	0.659408	1.70714	1.70714	1.182	0.267771	-3.73453	0.182657	0.585407	-1.70814	0.645304	1.50534	1.50534	0.0882772	0.788895	1.26844	-1.26844	0.788895	1.26844	-1.26844	0.788895	1.26844	-1.26844	0.788895	1.26844	-1.26844	1
cg00094858	PPP3A;C1orf73	0.416288	0.217413	0.646368	-1.54711	0.796456	1.09081	1.09081	0.135427	1.71802	1.71802	0.510394	0.798895	-1.25173	0.582276	0.829593	-1.20541	0.105374	1.81153	1.81153	0.341056	1.39087	1.39087	0.785534	1.09606	1.09606	0.927506	1.03108	1.03108	1.17305	2.1201	1.59205	1
cg09308031	LOC258880;HDAF2	0.416293	0.506374	1.85231	1.85231	0.0510488	0.644955	1.64455	0.0405433	1.22414	1.22414	0.970983	1.00869	1.00869	0.870255	0.902434	-1.10848	0.217004	1.56032	1.56032	0.0774749	1.74861	-1.34978	0.0936987	0.553628	-1.80627	0.0976955	0.992844	-1.00721	0.894767	1.03345	1.03345	1.17318	1.14833	0.870066	1
cg14928452	ITGA9	0.416233	0.599053	0.817982	-1.22252	0.0310568	0.607093	2.60793	0.638784	1.19607	1.19607	0.970148	0.741498	-1.34862	0.420184	0.732064	1.366	0.63485	1.19856	1.19856	0.649413	1.88924	1.88924	0.477434	0.533115	1.33212	0.312312	0.654717	1.18586	1.18586	1.17317	2.66467	2.01808	1
cg10276227	LRP3	0.416244	0.826887	0.930877	-1.07426	0.751658	1.10941	1.10941	0.442167	0.773925	-1.29211	0.995482	1.00185	1.00185	0.247066	1.48559	1.48559	0.911157	1.02891

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	t(Test)	SS(Test)	SS(Error)	f(Error
cg22460949	PARN;PARN		0.884452	0.983384	-1.0169	0.264232	0.15823	1.15823	0.417648	1.13021	1.13021	0.540213	0.08144	1.08144	0.69808	0.951986	0.05004		0.338623	1.11526	0.115526	0.629031	0.940507	1.06326	0.410584	1.11206	1.11206	0.0297079	1.38127	1.17229	0.295825	0.224309							
cg07572909	SLC16A1;SLC16A1		0.44665	0.783182	1.13767	1.156055	0.491836	-2.0332	0.207771	1.58325	-1.87259	0.563493	0.761022	-1.34002	0.689525	0.386079	-2.59015		0.492176	0.721658	-1.3857	0.334831	0.628077	-1.59216	0.50594	1.37108	1.37108	0.265381	0.58115	-1.72073	1.17228	4.05972	3.07832						
cg15419073	FGD5		0.44665	0.448229	0.746996	-1.3387	0.0906909	2.02071	2.02071	0.0903856	2.02232	2.02232	0973	0.987308	-1.01286	0.581181	0.81035	-1.23403		0.926104	0.965594	-1.03563	0.344052	0.692221	-1.44463	0.84235	0.9276	-1.07805	0.763205	0.8917	-1.12145	1.17227	2.64457	2.00527						
cg28739749	ALG12;CRELD2;ALG12;CRELD2		0.477346	0.876353	-1.14109	0.540738	1.11977	1.11977	0.521149	1.12615	1.12615	0.114613	0.7509002	-1.36817	0.8595387	1.03288	1.03288		0.435737	1.864802	-1.15633	0.102787	1.38553	1.38553	0.716048	1.06885	0.398342	1.17121	1.17121	1.17227	0.619608	0.469827	1						
cg25233599	DBI;RBP3		0.193548	0.606546	-1.64868	0.179735	0.595812	-1.67838	0.107724	1.89253	1.89253	0.64952	0.846822	-1.18089	0.783102	0.90458	1.10549		0.225609	1.588	1.588	0.847689	0.932505	-1.07238	0.993755	1.00285	1.00285	0.929077	0.968165	-1.03288	1.27226	2.4521	1.85935	1					
cg00946582	WFDC3;DNTTIP1		0.416661	0.605741	1.20383	1.20383	0.772443	0.90185	-1.10883	0.984062	1.00714	1.00714	0.0325464	0.410076	-2.43857	0.717196	0.878448	-1.13837		0.427839	1.33431	1.33431	0.236078	0.642518	-1.55638	0.768647	1.11081	1.11081	0.45753	0.763725	-1.30937	1.17225	2.35673	1.78704	1					
cg08918797	DPF2;C2orf42		0.416661	0.347129	0.625084	-1.59749	0.840641	0.909953	-1.09896	0.515477	0.726081	-1.37726	0.553264	0.756164	-1.32439	0.0464478	0.330507	-3.02565		0.225315	0.538946	-1.85547	0.0771683	0.985259	-1.01509	0.615917	1.6236	1.35854	0.632367	1.58136	1.17225	4.37449	3.31707	1						
cg20734268	WRNIP1;WRNIP1		0.416664	0.81336	0.957461	1.04449	0.672376	0.924798	1.08152	1.08152	0.241524	0.868501	-1.15141	0.305057	1.21557	1.21557	0.930966	1.01605	1.01605		0.472187	1.14386	1.14386	0.586227	0.904016	-1.10618	0.847069	0.965135	-1.03613	0.031499	1.58979	1.58979	1.17225	0.627181	0.475578	1					
cg18234533	FAM20C		0.416676	?	?	?	0.997094	1.00045	1.00045	0.34331	1.12743	1.12743	0.720488	1.04495	1.04495	0.280006	1.14817	1.14817		0.66352	1.05505	1.05505	?	?	?	0.715117	0.956129	-1.04588	0.0725111	0.779329	-1.28316	1.17928	0.212719	0.18038	1					
cg25225378	UBE2G1;UBE2G1		0.416677	0.582465	0.836764	-1.19508	0.2419889	0.940092	1.06128	1.06128	0.567094	0.838629	-1.19242	0.567094	0.838629	-1.19242	0.567094	0.838629	-1.19242		0.901006	1.04075	1.04075	0.760713	0.906515	-1.103	0.879997	0.930737	-1.0527	0.6663308	0.870016	1.4994	1.17222	1.91248	1.45023	1					
cg06032735	PRSS3;PRSS35		0.416683	0.327706	0.58133	-1.72019	0.719082	0.82408	-1.21347	0.8619853	0.361379	-2.76737	0.327299	0.581047	-1.72103	0.117423	0.401313	-2.49182		0.374053	0.612696	-1.63213	0.0791479	0.351159	-2.84771	0.796296	0.870324	1.149	-2.46761	0.521904	-1.91606	1.17221	5.35154	4.0581	1					
cg23779106	DUSP12		0.41657	0.957176	1.045515	1.01415	0.136689	0.62735	-1.52126	0.542903	1.17487	1.17487	0.577313	0.862952	-1.15881	0.299137	0.754582	-1.32524		0.902102	0.990312	-1.00973	0.0637039	0.537567	-1.73243	0.150944	0.668472	-1.49595	0.977286	0.992578	-1.00768	1.17217	1.27118	0.963967	1					
cg16549596	SPN		0.41674	0.1518	0.412102	-2.42659	0.910699	-1.06692	1.06692	0.652282	1.76961	-1.29935	0.275544	0.519501	-1.92492	0.107807	0.363001	-2.75413		0.141005	0.408895	-2.49442	0.163639	0.423913	-2.35897	0.148499	0.408721	-2.44666	0.731327	0.810559	-1.22017	1.17216	0.18768	0.69232	1					
cg09349094	MORN1;RER1		0.41674	0.416724	0.207529	1.17701	1.177401	0.178476	1.19159	1.19159	0.494669	1.08875	1.08875	0.65193	0.945841	-1.05726	0.427315	0.905449	-1.10442		0.222644	0.854674	-1.17004	0.771882	0.964982	-1.03629	0.157963	1.20335	1.20335	0.765947	1.03728	1.03728	1.17212	0.279133	0.211684	1					
cg12317783	ZMAT3;ZMAT3		0.41679	0.766591	0.879029	-1.14034	0.747939	1.15286	1.15286	0.704535	1.18303	1.18303	0.6924644	1.1917	1.1917	0.727322	0.856884	-1.16701		0.0189756	0.285582	-3.50162	0.68872	1.19442	1.19442	0.655166	1.21935	1.21935	0.991282	0.995191	1.00483	1.1721	3.61222	2.74016	1					
cg24588162	MCF2L;MCF2L		0.416734	0.247891	0.555582	-1.79991	0.154503	0.09906	2.09906	0.564686	1.32744	1.32744	0.233079	0.544257	-1.83737	0.520497	0.728399	-1.37287		0.757644	1.16252	1.16252	0.866988	0.921681	-1.08497	0.324839	0.609775	-1.63995	0.156915	0.478748	-2.08878	1.1721	4.39423	3.33247	1					
cg20782605	DHX16;DHX16		0.416755	0.615568	0.881228	-1.13478	0.69369	0.905874	-1.10391	0.9516167	0.984961	-1.01527	0.079911	0.615244	-1.62463	0.22031	0.724831	-1.37963		0.355305	0.788626	-1.26817	0.129081	1.50819	1.50819	0.156917	0.939837	1.01903	1.01903	0.546271	0.858568	-1.16473	1.17209	1.11274	0.878003	1					
cg00145840	UBE2K;UBE2K;UBE2K		0.416759	0.770749	0.953236	-1.04899	0.787151	1.37764	1.37764	0.0476334	1.44889	1.44889	0.52475	1.11128	1.11128	0.804814	1.03347	1.03347		0.594784	1.09186	1.09186	0.525202	0.899972	-1.11115	0.95483	1.00932	1.00932	0.904215	1.0191	1.0191	1.17204	0.497401	0.377234	1					
cg24875555	TNPO2;TNPO2;TNPO2		0.416768	0.935013	0.983969	-1.01629	0.210156	0.769747	-1.29913	0.532263	1.13356	1.13356	0.222283	1.2894	1.2894	0.928948	0.982482	-1.01783		0.523085	0.879631	-1.13684	0.0492176	0.640921	-1.56025	0.856856	0.964853	-1.03643	0.968216	1.00793	1.00793	1.17202	0.728917	0.552827	1					
cg18994151	C5orf75		0.416777	0.866628	1.08782	1.08782	0.802553	1.21274	1.21273	0.552952	1.20476	1.20476	-1.14757	-1.79486	2.02945	2.02945	0.830834	-1.11205		0.580675	1.35308	1.35308	0.170141	0.753681	-1.32691	0.357147	1.86544	1.86544	0.138705	2.20603	2.20603	1.1721	4.57393	3.40902	1					
cg17598997	ZSWIM5		0.416787	0.844551	0.968951	-1.03204	0.212158	1.2351	1.2351	0.850705	0.97018	-1.03074	0.268411	0.83093	-1.20347	0.930496	1.01407	1.01407		0.317469	1.18061	1.18061	0.358531	1.16381	1.29835	0.841158	1.188884	1.128143	0.767774	1.30247	1.17198	0.47916	0.363418	1					
cg07109358	AFAP1;AFAP1;LOC84740		0.416791	0.719952	1.17071	1.170712	0.916283	0.957655	-1.04422	0.726068	1.2068	1.2068	0.346994	0.921818	-1.16885	0.113173	0.392089	-2.54045		0.902102	0.990312	-1.00973	0.0637039	0.537567	-1.73243	0.150944	0.668472	-1.49595	0.977286	0.992578	-1.00768	1.17217	1.27118	0.963967	1					
cg12508815	VEGFC		0.416798	0.407775	0.761223	-1.31368	0.167561	1.60636	1.60636	0.401944	0.758513	-1.31837	0.695531	1.1351	1.1351	0.466865	0.787766	1.26941		0.454256	0.782229	-1.2784	0.790478	0.917779	-1.08959	0.843122	1.85019	1.85019	0.585711	1.837498	1.19403	1.17196	1.92693	1.4615	1					
cg27235315	CAPN9		0.416801	0.210183	1.59882	1.59882	0.175066	1.69051	1.69051	0.623795	1.19205	1.19205	0.564241	1.23015	1.23015	0.0521262	0.219176	2.19176		0.134237	1.77517	1.77517	0.211901	1.59212	1.59212	0.662737	1.50928	1.50928	0.498153	1.27684	1.27684	1.17195	2.13404	1.77788	1					
cg15889391	PAX3;PAX3;PAX3;PAX3;PAX3;PAX3		0.416801	0.140404	1.82897	1.828967	0.0957655	1.59755	-1.04422	0.726068	1.2068	1.2068	0.346994	0.921818	-1.16885	0.113173	0.392089	-2.54045		0.857871	1.04389	1.04389	0.611586	0.785143	1.40404	0.0614	0.729242	-1.38423	0.129223	0.675142	-1.48117	1.17195	1.06584	0.808404	1					
cg09987408	PMPCA		0.416816	0.79792	0.899091	-1.11223	0.0788889	0.445324	-2.24556	0.214101	1.71995	1.71995	0.819772	1.09923	1.09923	0.875292	0.936962	-1.06728		0.258951	0.613679	-1.62952	0.300127	1.56074	1.56074	0.442904	1.38312	1.38312	0.74538	1.14664	1.14664	1.17192	3.19019	2.41972	1					
cg26325745	CEP72;C2orf56;C2orf56;CEP72		0.416821	0.356262	0.809155	-1.64516	0.0732942	1.22326	1.22326	0.387457	0.5566317	-1.79657	0.384965	1.5924	1.5924	0.0451353	3.393014	3.39378		0.640777	1.78637	1.78637	1.27167	0.970353	1.00926	0.780887	0.864892	-1.15621	0.9941	5.01248	3.24988	1.17192	0.538443	0.503302	1					
cg06078469	MSI2;MSI2		0.416823	0.165229	0.394946	-2.53199	0.354976	0.55147	-1.81703	0.570267	0.69764	-1.4334	0.646439	0.748356	-1.33626	0.0975584	0.319546	-3.12944		0.169705	0.399315	-2.50429	0.12315	0.350561	-2.85257	0.121965	0.349206	-2.86364	0.294975	0.505778	0.97715	1.17191	7.31089	5.5453	1					
cg20953990	LOC220729		0.416828	0.105495	1.90122	1.90122	0.124734	1.82905	1.82905	0.15955	1.72643	1.72643	0.747113	1.12472	1.12472	0.280442	1.50319	1.50319		0.556813	1.24097	1.24097	0.311684	0.683701	-1.46263	0.657872	1.17576	1.17576	0.985249	0.993306	-1.00674	1.1719	2.44961	1.85804	1					
cg12839011	C1orf75		0.416836	0.857142	1.06811	1.068107	0.892553	1.21274	1.21273	0.552952	1.20476	1.20476	-1.14757	-1.79486	2.02945	2.02945	0.830834	-1.11205		0.580675	1.35308	1.35308	0.170141	0.753681	-1.32691	0.357147	1.86544	1.86544	0.138705	2.20603	2.20603	1.1721	4.57393	3.40902	1					
cg03586901	BCL7C;CTF1;CTF1		0.416838	0.122857	0.622199	-1.6072	0.163485	0.655656	-1.52519	0.147603	0.643392	-1.55426	0.903779	1.03492	1.03492	0.533125	0.835961	-1.19623		0.863645	0.952381	-1.05005	0.269079	1.36006	1.36006	0.143035	1.24856	1.24856	0.866757	0.953455	-1.04882	1.17188	1.9453	1.13421	1					
cg16496526	WTDC10A;WFDC9		0.416843	0.534444	0.7401	-1.42122	0.0914601	0.46001	-2.17391	0.0855424	0.644222	-1.56132	0.842283	0.977607	1.02265	0.0455	0.768709	-1.30115		0.611758	1.60226	1.44455	0.604908	0.724274	1.38064	0.324324	0.731701	1.37266	0.664307	1.34824	1.17197	0.764545	0.433485	0.37597	1					
cg26381501	TMEM98;TMEM98		0.416844	0.531386	0.662093	-1.51036	0.115579	0.328709	-3.0422	0.216577	0.429258	-2.3296	0.676152	0.760917	-1.3142	0.272732	0.475942	2.1011		0.606262	0.713088	1.40235	0.0414953	0.216756	-4.61349	0.389791	0.56373	-1.7739	0.805101	1.17445	1.17445	1.17186	1.92693	1.4615	1					
cg25727806	FZD5		0.416861	0.712497	1.05734	1.057734	0.160869	1.25309	1.25309	0.779285	0.95856	-1.04323	0.997368	1.0005	1.0005	0.917516	0.984516	-1.01573		0.114703	0.772275	-1.29488	0.262883	1.19224	1.19224	0.169402	0.802105	-1.24672	0.924304	1.01442	1.01442	1.17183	0.421144	0.319458	1					
cg13362637	CD74;CD74;CD74		0.416868	0.1077	1.76753	1.767533	0.918283	0.957655	-1.04422	0.726068	1.2068	1.2068	0.346994	0.921818	-1.16885	0.113173	0.392089	-2.54045		0.3235	0.579896	1.73642	0.0348255	0.944001	1.05931	0.0506	0.853377	1.17482	0.317581	0.543502	1.42278	1.17183	0.564507	0.394853	1					
cg05190718	CASQ2		0.416871	0.141501	0.52056	-1.92101	0.412808	0.707688	-1.41305	0.0386753	0.372018	-2.68804	0.19086	0.564427	-1.77171	0.531197	0.769593	-1.29943		0.180373	0.55576	-1.79934	0.729384	0.866401	-1.1542	0.561136	0.784544	-1.27463	0.875844	0.937476	-1.06669	1.1718	3.1646	2.40056	1					
cg07234115	PACSIN3		0.416884	0.162428	0.487302	-2.05121	0.225384	0.74752	-1.84752	0.644587	0.45344	-2.20682	0.778234	-1.28496	0.515566	0.680737	0.46144	-2.16802		0.682652	1.12	1.12	0.219012	0.399251	0.552627	-1.80954	0.612992	0.782041	-1.27871	0.419579	0.670944	-1.48811	0.78778	0.637072	1					
cg25021393	OF1		0.416891	0.820025	1.497393	1.10093	0.153972	0.509488	-1.96253	0.963188	1.0266	1.0266	1.026	1.61684	1.61684	0.708916	0.847791	-1.17954		0.84564	0.917485	-1.08996	0.1299	0.485371	-2.06028	0.025458	1.24279	1.24279	0.113037	0.66709	-2.14266	1.17175	3.62278	2.74823	1					
cg21795699	ZSWIM7;TTC19;ZSWIM7		0.416896	0.241084	0.804053	-1.2437	0.176883	1.27745	1.27745	0.906766	0.979596	-1.02104	0.555291	1.11184	1.11184	0.183928	0.739037	-1.35284		0.786026	0.952997	-1.04932	0.620648	0.915163	-1.0927	0.798588	0.857639	-1.16599	0.170073	1.29649	1.29649	1.17175	0.538964	0.444012	1					
cg13772903	C14orf19		0.416903	0.14553	0.396096	-2.52464	0.36302	0.574658	-1.74017	0.162225	0.375178	-2.6654	0.132128	0.381748	-2.61953	0.349267	0.564971	1.77		0.209226	0.456432	-2.19091	0.219848	0.46657	-2.14791	0.673527	0.777942	-1.28544	0.107335	0.352801	-2.83446	1.17174	6.51644	4.94339	1					
cg26334154	TRAK1		0.416907	0.117671	0.407553	-2.45284	0.307474	0.72655	-1.62401	0.0976554	0.342041	-2.92478	0.141507	0.3883	0.3883	-2.57509	0.412892	-2.42129		0.249805	0.539396	-1.85412	0.0422605	0.344619	-2.90129	0.0466044	-1.5014	-1.5014	0.585997	0.74982	-1.33361	1.17185	3.48357	2.64283	1					
cg18442986	TTL		0.416921	0.95749	1.01291	1.01291	0.0847677	0.58197	-1.58197	0.128665	1.48456	1.48456	0.703447	1.09639	1.09639	0.480017	1.18857	1.18857		0.965197	0.989557	-1.01055	0.202524	0.723445	-1.38228	0.50482	0.849732	-1.17684	0.686278	1.10263	1.10263	1.1717	1.07435	0.815037	1					
cg10153273	LOC84303		0.416925	0.193426	1.17974	1.17974	0.875241	1.01805	1.01805	0.944204	1.44814	1.44814	0.403559	1.17541	1.17541	0.963662	1.00865	1.00865		0.140064	0.817739	1.2268	0.487984	1.14004	1.14004	0.511321	1.11101	1.11101	0.149823	1.31902	1.31902	1.17169	0.663428	0.503302	1					
cg25954441	C22orf32			?	?	?	0.230275	1.27361	1.27361	0.40207	1.18449	1.18449	0.310613	1.37922	1.37922	?	?	?		1.132115	1.3331	1.3331	0.468753	1.84705	1.84705	0.107425	1.97627	1.97627	1.17192	1.49764	1.20789	1.17185	5.21788	4.03253	1					
cg04329151	ANXA11;ANXA11;ANXA11		0.416937	0.209432	0.324812	-3.07871	0.0860529	0.01456	1.01456	0.902386	0.900957	-1.10993	0.359256	0.448759	-2.22837	0.387321	0.470852	-2.12381		0.756338	0.767533	1.30288	0.203995	0.331967	-3.12532	0.592737	0.631957	-1.58239	0.383062	0.46751	-2.13889	1.17166	1.53479	10.172	1					
cg02048627	C16orf62			0.416943	0.338353	0.702254	0.0247	1.64624	0.172168	1.59029	1.59029	0.218526	0.674342	1.08704	1.08704	0.0107	2.14687		0.207032	0.169383	-5.9031	0.0174112	0.880204	1.1361	0.0264496	1.35749	1.35749	0.896062	1.04022	1.17165	1.17165	0.969811	1.28146	1					
cg07691609	RNF126			0.416945	0.592209	0.914636	-1.09333	0.829061	1.03633	1.03633	0.42277	1.14468	1.14468	0.984146	0.996726	-1.00328	0.285556	1.20086	1.20086		0.774354	1.04858	1.04858	0.370294	0.859134	-1.16396	0.787493	1.0456	1.0456	0.0305422	1.5211	1.5211	1.17165	0.505362	0.383401	1					
cg16555182	IGSF9			0.416946	0.426966	0.66073	-1.5135	0.413353	1.5043	1.5043	0.0552953	3.0252	3.0252	0.275075	1.77942	1.77942	0.796404	1.14123	1.14123		0.803395	0.880336	-1.13593	0.976473	0.985049	-1.01518	0.159671	2.15487	2.15487	0.298521	1.73426	1.73426	1.17164	1.64423	1.26758	1					
cg17368980	ATP6V1C1			0.416951	0.49337	0.7173	-1.17175	0.715123	0.789266	-1.267	0.0749651	-1.13778	-1.13778	0.563099	0.857296	-1.14247	0.98878	1.00821	1.00821	-1.00321		0.940442	1.07717	1.07717	0.0947853	0.943988	-1.06008	0.831828	0.852382	1.09648	-1.04335	0.893352	1.03044	1.03044	1.17163	0.963182	0.730743	1					
cg00124175	SNX5;C20orf72;SNX5			0.416952	0.133938	0.581675	-1.71917	0.373726	0.736319	-1.35811	0.115176	0.563165	-1.77568	0.251699	0.669368	-1.49395	0.207727	0.680854	-1.46874		0.793646	1.09171	1.09171	0.740496	0.615883	-1.62369	0.200523	0.635557	-1.57342	0.188278	0.626468	-1.59574	1.17163	2.08522	1.58201	1					
cg00144673	MCCD1			0.416956	0.755635	1.03655	1.036557	0.88833	1.13233	1.13233	0.715507	1.18683	1.18683	0.815868	1.83003	1.83003	0.158807	1.88003	1.88003	0.119355	0.552271	1.78563	1.78563	1.27286	0.454285	0.971512	-1.02932	0.418396	0.977286	1.00508	1.00508	1.1717	0.2875	0.26658	1					
cg02558537	CWF19L2			0.416957	0.641479	0.697202	-1.4343	0.78139	0.807373	-1.23858	0.133334	3.47451	3.47451	0.502006	1.68887	1.68887	0.682174	0.728561	-1.37257		?	?	?	?	?	?	0.158723	0.313896	-3.18577	?	?	?	1.14604	7.1584	8.32829	1					
cg06756557	STAMBPL1			0.416963	0.206488	0.736469	-1.35783	0.191054	1.44209	1.44209	0.282711	1.34337	1.34337	0.401268	0.797573	-1.2538	0.51502	1.0874	1.0874		0.228155	0.715694	-1.39724	0.635445	0.881359	-1.13461	0.624059	0.879705	-1.14015	0.238731	0.721583	-1.38584	1.17161	1.29763	0.884497	1					
cg13951268	STRA8			0.416961	0.853787	1.04559	1.022783	0.74821	1.87421	1.87421	0.765214	1.07506	1.07506	0.961047	0.988267	-1.01187	0.725815	1.02881	1.02881		0.440993	0.827064	1.20851	0.447395	0.504405	1.10048	1.1048	0.669026	1.10951	1.10951	1.17161	1.08352	0.822057	1					
cg02490185	SEPN1;SEPN1			0.416993	0.215289	0.322142	-3.10422	0.280865	0.821216	-1.21771	0.984222	0.982973	-1.01732	0.214357	0.321323	-3.11213	0.0558523	0.152376	-6.56272		0.344219	0.429058	-2.33069	0.142453	0.254287	-3.93257	0.283163	0.379672	-2.63386	0.231179	0.335964	-2.97651	1.17154	1.93949	10.6184	1					
cg03780915	TRRAP			0.416994	0.476457	0.799624	-1.25071	0.2347	0.274979	-3.63479	0.443022	1.23949	1.27329	0.0910545	0.563793	-1.77377	0.215398	0.279955	-3.57218		0.94514	1.07385	1.07385	0.668866	0.915314	1.15314	0.722841	0.895832	-1.11628	0.224626	0.687587	-1.45456	1.17175	1.47903	1.34334	1					
cg13855589	ASH1L			0.417026	0.961379	1.03088	1.030888	0.078021	0.40553	-3.40553	0.0614125	0.75655	0.75655	0.760616	1.26827	1.26827	0.801481	0.853657	-1.17143		0.771194	0.832653	-1.20098	0.671454	1.30728	1.30728	0.668381	1.31081	1.31081	0.375577	0.562038	-1.77924	1.17147	7.31822	5.5529	1					
cg07227930	MGC70080			0.417034	0.181515	0.450163	-2.22035	0.0510103	0.0510103	0.0014255	0.0014255	0.23265	0.23265	0.0489247	0.889387	0.889387	-1.11873	0.641319	0.778	0.778	0.0689713	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779	1.17144	2.24614	1.82578	1.17144	2.26627	1.75375	1.09112	1					
cg21535980	ABR;ABR			0.417039	0.320229	0.341153	0.41153	0.549243	-2.03152	0.925657	1.11651	1.11651	?	?	?	?	?	?	0.482156	2.33594	2.33594		0.612294	1.83175	1.83175	0.0826103	0.10563	10.5613	0.197205	5.16826	5.16826	0.13222	7.1897	7.1897	1.26173	22.7433	14.0191	1					
cg05208572	ESPNP			0.417044	0.87205	1.09208	1.092078	0.25517	0.522449	-1.91406	0.0249627	0.232715	-4.29711	0.694161	1.24107	1.24107	0.762728	0.847495	-1.17995		0.731506	0.828426	-1.20711	0.755625	0.843084	-1.18612	0.834224	1.12135	1.12135	0.496005	1.45901	1.45901	1.17143	5.54091	4.20446	1					
cg05808317	C15orf33;DTWD1;C15orf33;DTWD1			0.417045	0.752476	1.12616	1.126167	0.88833	1.13233	1.13233	0.715507	1.18683	1.18683	0.815868	1.83003	1.83003	0.158807	1.88003	1.88003	0.119355	0.552271	1.78563	1.78563	1.27286	0.454285	0.971512	-1.02932	0.418396	0.977286	1.00508	1.00508	1.1717

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	GUCY1A3;GUCY1A3;GUCY1A3;GUCY1A3 ACOT13;TTRAP;ACOT13;ACOT13;ACOT	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1137 vs. N)	Fold-Change(1137 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 21T vs. N)	p-value(347T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 53T vs. N)	p-value(537T vs. N)	Fold-Change(5377 vs. 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 63T vs. N)	F(Error)	SS(Test)	SS(Error)
cg27662483	GUCY1A3;GUCY1A3;GUCY1A3 ACOT13;TTRAP;ACOT13;ACOT13;ACOT	0.417441	0.320732	0.833754	-1.19939	0.316594	1.20139	1.20139	0.17768	1.28899	1.28899	0.68149	0.924972	-1.08111	0.524397	0.891968	-1.12112	0.746964	0.944244	-1.05905	0.108171	0.733004	-1.36425	0.311015	0.83119	-1.20309	0.686571	1.07454	1.07454	1.07459	0.582253	0.442135	1
cg06753869	13	0.417442	0.781276	0.927148	-1.07858	0.839159	0.946267	-1.05678	0.82945	1.06038	1.06038	0.535082	1.18614	1.18614	0.828961	1.06056	1.06056	0.812396	0.937429	-1.06675	0.019085	0.462558	-2.16189	0.606625	1.15159	1.15159	0.772515	1.08196	1.08196	1.17059	1.36923	1.03973	1
cg09072162	PCSK9	0.417447	0.0524243	0.92284	22.9284	0.296883	4.64557	-4.64557	0.551471	2.35297	2.353297	0.293603	4.69808	4.69808	0.398871	3.4096	3.4096	0.512391	2.56917	2.56917	0.136343	0.76914	9.76914	0.573097	0.445473	-2.2448	0.240553	5.72564	5.72564	1.07358	37.3906	28.393	1
cg26132337	DNAJC27	0.417448	0.477351	0.602929	-1.65837	0.299163	0.470585	-2.12456	0.949204	1.04554	1.04554	0.218771	1.4042	1.4042	0.379434	0.87232	-1.14596	-1.11922	0.13194	0.320231	-1.12275	0.0402285	0.190177	-5.25827	0.917369	1.07538	1.07538	0.390784	1.54026	-1.85115	1.7057	0.909221	6.90427	1
cg08739221	EPS8	0.417451	0.469713	0.715906	-1.39683	0.118514	0.462993	-2.15986	0.535724	0.752037	-1.32972	0.798305	0.890156	-1.1234	0.277944	0.598897	-1.66974	0.777891	0.879416	-1.13712	0.0423	0.34549	-2.89444	0.2148338	0.552492	-1.80998	0.747764	1.15791	1.15791	1.13057	3.8279	2.90677	1
cg12538248	CA9	0.417469	0.715408	1.05631	1.05631	0.699307	0.949979	-1.0535	0.657615	1.06851	1.06851	0.0844194	1.32785	1.32785	0.961792	0.992901	-1.00715	0.90937	0.983226	-1.01706	0.862247	1.02615	1.02615	0.0408744	1.41994	1.41994	0.342115	1.15651	1.15651	1.17053	0.409108	0.310673	1
cg10858369	TRIM3;TRIM3	0.417474	0.301234	0.737332	-1.35624	0.728587	0.905251	-1.10467	0.0473699	0.522959	-1.9122	0.177492	0.663966	-1.5061	0.335767	1.32793	1.32793	0.612459	0.864184	-1.15716	0.332575	0.751547	-1.13518	0.673028	0.885781	-1.12895	0.435854	0.796791	1.25503	1.70552	1.5137	1.1495	1
cg16105594	MEF2C;MEF2C	0.41748	0.992672	0.998998	-1.001	0.893713	1.01469	1.01469	0.493509	0.926929	-1.07883	0.622183	0.947246	-1.05569	0.751087	1.03533	1.03533	0.592481	0.94275	-1.06073	0.102201	1.21544	1.21544	0.0674412	1.25056	1.25056	0.313792	1.12039	1.12039	1.17051	0.2207728	0.167622	1
cg04680746	NACA0	0.417483	0.344393	0.725819	-1.37886	0.83314	0.950637	-1.0524	0.274	0.995345	1.00195	1.00195	0.732783	1.94532	1.94532	0.306995	0.53947	0.205564	0.648383	-1.54248	0.832773	0.55107	1.07172	0.0703209	0.790429	-1.33883	0.1526	1.98355	1.29361	1.29361	1
cg13109184	LYST	0.417486	0.563717	0.869125	-1.15058	0.230985	0.739365	-1.35251	0.449107	0.830799	-1.20366	0.961947	0.9886	-1.01153	0.458695	0.834163	-1.19881	0.254303	0.751214	-1.33118	0.0499373	0.584313	-1.17141	0.863103	0.924305	1.04235	0.306239	1.28991	1.28991	1.17049	1.07064	0.813058	1
cg26712763	DHRS78	0.417488	0.665096	1.067709	1.067709	0.617782	1.07909	1.07909	0.543239	1.00758	1.00758	0.621768	1.07815	1.07815	0.291726	0.84744	-1.18003	0.237121	0.820102	-1.21932	0.136827	0.784663	-1.27441	0.221582	1.12459	1.12459	0.324816	0.83574	-1.16632	1.17049	0.434459	0.323126	1
cg15269294	NUP155;NUP155	0.417489	0.750842	0.957445	-1.04445	0.671115	0.943361	-1.06004	0.99497	1.00086	1.00086	0.15289	0.916598	-1.09099	0.704331	1.05342	1.05342	0.701245	0.948739	-1.05403	0.462363	0.880024	-1.13633	0.757856	0.958664	-1.04312	0.0262537	1.43315	1.43315	1.17049	0.345462	0.26235	1
cg26501599	TPRA1;TPRA1	0.417493	0.0395395	0.656375	-1.52352	0.996127	1.00086	1.00086	0.050072	0.988676	-1.01055	0.431285	0.92702	0.98516	-1.01114	0.824402	0.880497	0.182	0.844108	1.00411	0.303639	1.20733	1.20733	0.5507	0.845155	-1.18322	0.804949	1.04473	1.04473	1.17048	0.579705	0.440242	1
cg11990286	ADAMTS10	0.417496	0.0818803	0.380915	-2.62932	0.422493	0.663126	-1.50801	0.106556	0.413285	-2.4196	0.225738	0.552867	-1.80875	0.343314	0.454499	-2.20203	0.493549	0.705661	-1.41711	0.188381	0.497179	-2.01135	0.629363	0.781504	-1.2789	0.19831	0.505785	1.07772	1.17047	0.66012	0.53903	1
cg10204478	LMNB1	0.417505	0.447596	0.851856	-1.17391	0.802854	0.9495	-1.05319	0.982731	1.00449	1.00449	0.897332	1.0271	1.0271	0.772557	1.06187	1.06187	0.43467	0.847471	-1.17998	0.0161976	0.543746	-1.83909	0.671104	0.91532	-1.09251	0.7769977	0.942873	-1.06059	1.17045	0.795483	0.604122	1
cg16535062	COPB1;COPB1;COPB1;COPB1	0.417507	0.56474	1.393	1.393	0.363756	0.810867	-1.23135	0.788968	0.944812	-1.05873	0.178186	0.726202	-1.13793	0.157888	1.40167	1.40167	0.438664	1.19322	1.19322	0.595653	0.887122	-1.12724	0.454655	1.18568	1.18568	0.737991	1.07797	1.07797	1.17045	0.907086	0.704069	1
cg06445062	ZNF205;ZNF205	0.417516	0.807521	1.05458	1.05458	0.1389184	1.68288	1.68288	0.705861	1.08606	1.08606	0.895151	1.02912	1.02912	0.780793	0.941068	1.06262	0.901473	1.02703	1.02703	0.0792705	1.53097	1.53097	0.334786	1.24181	1.24181	0.472362	1.17251	1.17251	1.17043	0.878716	0.667346	1
cg16697214	IKZF1	0.417524	0.769096	1.25235	1.25235	0.24634	2.52627	2.52627	0.978512	1.0208	1.0208	0.635392	0.694113	-1.44069	0.817754	0.838246	-1.19297	0.497599	0.590733	-1.69281	0.999861	1.00013	1.00013	0.0304222	6.99182	6.99182	0.172061	2.01488	2.01488	1.17041	10.8318	8.22638	1
cg04886221	SYTL1	0.417526	0.0563487	0.35222	-2.8314	0.850317	0.691311	-2.89102	0.0775305	0.52161	-1.91714	0.871993	1.08075	1.08075	0.561046	0.753967	-1.3272	0.399019	1.51563	1.51563	0.227738	0.61475	-1.62668	0.557866	1.93034	1.93034	0.357276	0.633839	-1.57769	0.8175	4.29944	3.2653	1
cg04530127	CAND2;CAND2	0.417531	0.609832	1.08978	1.08978	0.378003	1.16276	1.16276	0.580138	1.09783	1.09783	0.869501	1.02785	1.02785	0.529376	1.11231	1.11231	0.340873	0.848785	-1.17816	0.0271822	1.54762	1.54762	0.890131	0.977177	-1.02336	0.406819	1.15228	1.15228	1.17048	0.517218	0.392815	1
cg16696956	LDC13230	0.417536	0.603408	1.07448	1.07448	0.145114	1.23208	1.23208	0.570352	1.11555	1.11555	0.38461	1.12626	1.12626	0.241572	1.17763	1.17763	0.189402	0.889009	-1.12408	0.197322	1.12255	1.12255	0.665413	0.943618	-1.05975	0.216814	1.18927	1.18927	1.17039	0.32978	0.250462	1
cg06762679	ZNF250;ZNF250	0.417544	0.717557	1.05749	1.05749	0.389578	1.1453	1.1453	0.249689	1.20335	1.20335	0.0655217	0.727557	-1.37446	0.433471	1.13087	1.13087	0.788152	0.959404	-1.04231	0.60134	1.0845	1.0845	0.327487	0.855956	-1.16828	0.575426	1.09097	1.09097	1.17037	0.438877	0.333324	1
cg26383449	NMT2	0.417561	0.16933	1.19966	1.19966	0.909793	1.04119	1.04119	0.159045	1.20579	1.20579	0.917233	1.01301	1.01301	0.415516	0.901282	-1.10953	0.558595	1.07632	1.07632	0.781547	0.966028	-1.03517	0.350046	1.12704	1.12704	0.0670718	1.2907	1.2907	1.17033	0.286526	0.217621	1
cg23752198	BCL2L1;BCL2L1	0.417562	0.128124	0.776461	1.2879	0.382622	1.76572	1.76572	0.160942	1.53254	1.53254	0.167644	1.38573	1.38573	0.154355	0.942482	-1.06095	0.540987	1.09987	1.09987	0.201435	1.52607	1.52607	0.82426	1.0348	1.0348	0.0873131	1.33692	1.33692	1.17033	0.488393	0.368215	1
cg10805440	KRTAP27-1 FAM70A;FAM70A;FAM70A;FAM70A;FA	0.417563	0.760432	0.791366	-1.26364	0.252564	0.400755	-2.49529	0.10923	0.262818	-3.80492	0.427162	1.74986	1.74986	0.16433	0.321329	3.11207	0.921634	1.07819	1.07819	0.787152	1.23007	1.23007	0.247376	2.52284	2.52284	0.616337	1.47185	1.47185	1.17033	10.851	8.24155	1
cg23483251	M70A;FAM70A	0.417565	0.161834	0.506698	-1.96195	0.190516	0.535038	-1.86903	0.444264	0.703376	-1.42171	0.193687	1.85978	1.85978	0.778574	0.880561	-1.13564	0.130824	0.479004	-2.08767	0.569627	0.786018	-1.27223	0.440694	0.701358	-1.4258	0.745449	1.15831	1.15831	1.17032	3.7727	2.86546	1
ch.4.27146118	ARHGAP10	0.417568	0.0775309	0.30653	-3.26243	0.230352	0.470681	-2.12458	0.48231	0.650277	-1.53781	0.15812	0.402773	-2.48279	0.100099	0.337625	-2.96187	0.374719	0.577479	-1.73166	0.207094	0.448514	-2.22959	0.248686	0.483508	-2.06822	0.786112	0.848807	-1.17812	1.17032	0.73191	5.11308	1
cg26086516	KPNA1;KPNA1	0.417574	0.1311631	0.78421	-1.2751	0.34048	0.783557	-1.27623	0.147349	0.558555	-1.79034	0.0916623	-1.32655	0.753615	0.0216623	1.32655	1.32655	0.480181	0.877743	-1.13956	0.375075	0.702207	-1.42393	0.0844	-1.10839	0.675005	1.48031	-1.0162	0.611107	1.00765	1.07765	0.613839	1.07765	1.17031	0.61932	0.464761	1
cg08355109	ZNF787	0.417584	0.662351	0.912176	-1.09628	0.141859	1.39154	1.39154	0.436611	1.1806	1.1806	0.29326	0.854159	-1.17074	0.154594	1.37541	1.37541	0.286876	1.26031	1.26031	0.405277	1.59459	1.59459	0.0720073	0.357231	-2.79931	0.738271	1.28248	1.70328	1.17028	1.82048	1.70328	1
cg13432696	DNM1;DNM1	0.417585	0.0874048	0.687398	-1.45496	0.0732426	0.650562	-1.53711	0.0956224	0.343131	2.91311	0.0243832	1.38211	1.38211	0.104386	0.715782	-1.39707	0.409057	1.18583	1.18583	0.455668	0.442244	2.26157	0.0242863	0.640456	1.56139	1.70828	0.0705	0.640456	1.56139	1.70828	0.0705	1
cg13905757	FAM171A1	0.417597	0.726624	0.873612	-1.14467	0.725264	0.872996	-1.14548	0.210192	1.66249	1.66249	0.746347	1.13308	1.13308	0.786154	0.9006508	-1.11036	0.594512	0.831165	-1.22976	0.0546186	0.432027	-2.31467	0.150146	0.55221	-1.8109	0.949627	1.02462	1.02462	1.17026	2.74652	2.08617	1
cg23649784	LMNA;LMNA;LMNA	0.417597	0.650141	1.50964	1.50964	0.511757	1.82256	1.82256	0.443694	2.02264	2.02264	0.924859	1.08882	1.08882	0.5508626	0.134463	-7.43699	0.148192	0.246817	-4.05158	0.648333	0.660878	-1.51314	0.802071	1.25427	1.25427	0.540454	0.571795	-1.74888	1.70826	1.05798	11.4541	1
cg23239720	ZNF80;NB (CLEC18A;CLEC18A;CLEC18A;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	p-value(1057 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1217 vs. N)	Fold-Change(5-vs-1247 vs. N)	p-value(1247 vs. N)	Fold-Change(5-vs-1347 vs. N)	p-value(1347 vs. N)	Fold-Change(5-vs-1477 vs. N)	p-value(1477 vs. N)	Fold-Change(5-vs-1537 vs. N)	p-value(1537 vs. N)	Fold-Change(5-vs-1637 vs. N)	p-value(1637 vs. N)	Fold-Change(5-vs-1737 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14310404	CNNM3;CNNM3		0.418064		0.35383		1.59704		0.59704		0.839334		-1.19145		0.870123		1.05145		1.05145		0.532725		1.20048		1.20048		0.656097		1.14731		1.14731		0.100723		0.576254		-1.73535		0.843231		1.58259		1.06259		1.42987		1.42987		0.240278		1.45787		1.45787		1.66926		1.74094		1.32348	1
cg12531189	FTSJ1;FTSJ1		0.418074		0.231421		0.405933		-2.46346		0.859465		1.13575		1.13575		0.910244		0.922196		-1.08437		0.371775		1.99221		1.99221		0.240426		0.545588		0.644464		-1.55168		0.502649		0.613461		-1.63008		0.946195		0.952681		-1.04967		0.905931		0.921575		-1.0851		1.66924		9.55333		7.26271	1
cg20639400	CDX6B2		0.418083		0.326938		0.776619		-1.28763		0.6532763		1.68501		1.68501		0.533248		1.17074		1.17074		0.724829		0.0923		1.0923		0.798017		0.937948		-1.06616		0.703861		0.909011		-1.1001		0.573632		0.867594		-1.15261		0.487886		1.19249		1.19249		0.141233		1.48474		1.48474		1.16922		1.15552		0.878471	1
cg18963390	OAF;OAF		0.418089		0.573031		0.922638		-1.08385		0.402551		1.68592		-1.1276		-1.1276		0.444425		1.13653		1.13653		0.904408		0.983162		-1.01713		0.555591		1.35901		1.35901		0.914594		0.891128		0.866329		-1.01484		1.6921		0.370175		0.281425	1
cg20339692	TBC1D29		0.41809		0.148105		0.542098		-1.84648		0.776689		0.89384		-1.11877		0.318992		0.665647		-1.5023		0.215582		0.597862		-1.67263		0.7216581		-1.4032		0.6828429		0.468602		-2.13401		0.368334		0.694427		-1.44004		1.69221		2.88424		2.19274	1
cg08403165	IRAK1;IRAK1;IRAK1		0.418094		0.649044		0.833206		-1.20038		0.751391		0.881103		-1.13494		0.993959		1.00302		1.00302		0.549831		0.785859		-1.27249		0.0565788		0.423343		-2.36215		0.381743		1.42944		1.42944		0.390657		0.704471		-1.41951		0.371767		0.694838		-1.44084		0.097204		0.484157		-2.06459		1.602		2.93715		2.23298	1
cg15177359	UNC13D;UNC13D		0.418099		0.0908848		0.464551		-2.15262		0.637141		0.822354		-1.21602		0.781835		0.892014		-1.12106		0.458619		0.732975		-1.3643		0.0788601		0.44785		-2.23289		0.232107		0.596985		-1.67508		0.659931		1.19994		1.19994		0.156541		0.535887		-1.86607		0.426463		0.715868		-1.39691		1.69119		3.13766		2.38544	1
cg01035791	FAM19A5		0.418125		0.149503		-1.65318		0.672267		1.19279		1.28279		1.28279		0.583553		1.92016		1.92016		0.43051		1.60527		1.60527		0.346047		0.565506		-1.76833		0.819981		1.14348		1.14348		0.854349		1.11415		1.11415		0.641123		3.63476		3.63476		0.253788		0.498719		-2.00514		1.66919		6.40651		4.87064	1
cg26534425	IL1B		0.418129		0.812803		1.16893		1.16893		0.627237		0.726426		-1.3766		0.1001222		0.556443		-3.27169		0.633524		0.72904		-1.3767		0.6828023		0.226504		-4.41493		0.887044		0.910726		-1.09803		0.93581		0.948383		-1.05443		0.449977		0.599125		-1.6691		0.149409		0.361659		-2.76504		1.69116		0.81586		0.60427	1
cg20271057	PLCL2;PLCL2		0.41811		0.342277		1.41131		1.41131		0.169297		1.6746		1.6746		0.960675		1.01751		1.01751		0.69679		1.14783		1.14783		0.190012		1.7519		1.7519		0.236006		1.58443		1.58443		0.989548		1.00462		1.00462		0.0438981		2.26014		2.26014		0.699052		1.14658		1.14658		1.16916		2.29565		1.74533	1
cg03325733	RAB12		0.418112		0.176657		1.22097		1.22097		0.32517		1.09063		1.09063		0.514168		1.2362		1.2362		0.642737		1.16709		1.16709		0.830101		1.17774		1.17774		0.21032		1.77325		1.77325		0.0159574		1.16192		1.16192		0.0535464		1.05354		1.05354		0.667464		1.06192		1.16916		0.357775		0.272009	1
cg09622557	C8orf46		0.418125		0.322872		1.3077		1.3077		0.373738		1.27081		1.27081		0.578054		1.15849		1.15849		0.0380657		1.90301		1.90301		0.600383		1.1484		1.1484		0.4040807		1.25307		1.25307		0.318277		1.13092		1.31092		0.672248		1.11778		1.11778		0.324624		0.765497		-1.30634		1.99115		1.26214		0.824132	1
cg18399427	PLXNB2		0.418127		0.557028		0.74488		-1.3425		0.31342		1.97705		1.97705		0.103369		2.24824		2.24824		0.284637		1.06738		1.06738		0.647482		0.795881		-1.25647		0.8284		1.90471		1.90471		0.0438552		1.24611		1.24611		0.0438552		1.24611		1.24611		0.0438552		1.24611		1.24611

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(105T vs. N)	Fold-Change(1 047 vs. N)	Ratio(105T vs. N)	Fold-Change(1 057 vs. N)	Ratio(111T vs. N)	Fold-Change(1 117 vs. N)	Ratio(111T vs. N)	Fold-Change(1 127 vs. N)	Ratio(112T vs. N)	Fold-Change(1 127 vs. N)	Ratio(121T vs. N)	Fold-Change(1 N)	Ratio(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(1 477 vs. N)	Ratio(347T vs. N)	Fold-Change(1 537 vs. N)	Ratio(353T vs. N)	Fold-Change(1 537 vs. N)	Ratio(537T vs. N)	Fold-Change(1 37T vs. N)	Ratio(5 vs. N)	Fold-Change(5 63T vs. N)	Ratio(563T vs. N)	F(Error
cg09135658	RBM28;RBM28	0.418698	0.80338	1.12339	1.12339	0.970541	0.992924	-1.01737	0.755152	0.864244	-1.15708	0.6927638	0.350058	-2.85567	0.1681	0.504044	-1.98395	0.403022	0.669297	-1.4941	0.364287	1.54465	1.54465	0.8209362	0.89156	-1.12163	0.2746079	0.58814	0.70028	1.16791	4.02346	3.06222	1
cg06636541	BAHCC1	0.418698	0.534434	0.52708	-1.88725	0.853891	0.828194	-1.2064	0.70829	1.46291	1.46291	0.52756	0.521266	-1.91841	0.0909124	0.150231	-6.65639	0.195455	0.248169	-4.02952	0.0508132	0.105855	-9.62882	0.364711	0.387505	-2.58061	0.547919	0.53854	-1.85687	1.16791	19.1633	14.5851	1
cg14082118	CTNND2;CTNND2	0.418705	0.276192	0.793085	-1.2609	0.0824899	1.48237	1.48237	0.657652	1.09558	1.09558	0.908345	1.02385	1.02385	0.878365	0.969142	-1.03184	0.765813	0.940696	-1.06304	0.128772	1.39932	1.39932	0.83172	0.957382	-1.04451	0.2350328	1.29012	1.29012	1.6579	0.774813	0.589712	1
cg15891310	BCAS3;BCAS3	0.418707	0.603056	1.13193	1.13193	0.0422777	1.7377	1.7377	0.955642	0.986947	-1.01323	0.603448	0.13136	1.13178	0.806949	0.943804	-1.05954	0.383744	0.809796	-1.23048	0.932031	1.02835	1.02835	0.203804	0.728464	-1.37275	0.648335	0.80717	-1.11457	1.16789	1.03208	0.785523	1
cg05118419	TBCEL;TBCEL	0.418714	0.903388	1.04137	1.04137	0.239403	0.573945	-1.744	0.142269	1.69318	1.69318	0.616905	0.845045	-1.18337	0.367032	1.36253	1.36253	0.789042	1.09365	1.09365	0.364131	0.609208	-1.64148	0.833388	1.07285	1.07285	0.677102	1.15004	1.15004	1.16788	2.06128	1.56887	1
cg24892120	PIGG;PIGG	0.418729	0.662991	0.805665	-1.23967	0.0913797	2.48081	2.48081	0.25301	1.79225	1.79225	0.907819	1.05824	1.05824	0.107236	0.423479	-2.36139	0.628672	1.2689	1.2689	0.601165	1.29403	1.29403	0.747921	0.854001	-1.17068	0.6758139	0.815717	-1.22591	1.16785	4.41737	3.36247	1
cg26889774	AKNAD1	0.418473	0.849678	1.0362	1.0362	0.909119	1.02163	1.02163	0.948015	0.987853	-1.0123	0.891598	1.02589	1.02589	0.0494886	0.65696	-1.52216	0.926018	0.982742	-1.01756	0.377318	1.18507	1.18507	0.780705	0.949033	-1.0537	0.0916857	0.706046	-1.41634	1.16785	0.649824	0.494604	1
cg15837943	ITM2C;ITM2C;ITM2C	0.418473	0.455342	0.637203	-1.56936	0.0451426	0.256229	-3.90277	0.467861	0.645542	-1.54909	0.866536	0.905157	-1.10478	0.140532	0.390919	-2.55802	0.453805	0.636339	-1.57154	0.211852	0.46053	-2.17141	0.134487	0.384425	-2.60129	0.439439	0.626792	-1.59542	1.16784	6.49138	4.94082	1
cg20390702	RIMKLB SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.418473	0.182215	0.264797	-3.77648	?	?	0.93074	0.929689	-1.07563	0.646002	0.653244	-1.53082	0.230154	3.24316	3.24316	?	?	?	?	?	?	?	?	0.395573	2.23881	2.23881	8.29243	8.48137	1
cg17300725	SLC3A2	0.418731	0.462585	0.738104	-1.35482	0.501268	0.757909	-1.31942	0.910603	0.955413	-1.04667	0.563177	1.2679	1.2679	0.192752	0.571321	-1.75033	0.0752222	0.447322	-2.23553	0.0715231	0.441642	-2.26428	0.8579	0.929803	-1.0755	0.944886	0.972315	-1.02847	1.16784	3.05032	2.32171	1
cg08791296	FAM19A5;FAM19A5	0.418735	0.988911	0.99451	-1.00551	0.932288	0.675778	-1.47978	0.636462	1.20757	1.20757	0.628109	0.82418	-1.21333	0.983522	1.00821	1.00821	0.633154	0.826554	-1.20984	0.140153	1.87527	1.87527	0.247033	0.247233	0.951432	1.02442	1.02442	1.16781	2.90256	2.2093	1
ch.2.34651088	HAT1;HAT1	0.418746	0.0947219	0.70408	-1.42148	0.499788	0.677736	-1.47778	0.636462	1.20757	1.20757	0.628109	0.82418	-1.21333	0.983522	1.00821	1.00821	0.441631	1.16108	1.16108	0.563513	0.894793	-1.11758	0.401027	0.853849	-1.17392	0.706571	0.928539	-1.07465	1.16781	0.670165	0.510102	1
cg08342270	TLE3;TLE3;TLE3	0.418749	0.621646	0.906275	-1.10342	0.304798	1.23396	1.23396	0.07473349	1.48097	1.48097	0.519504	0.878822	-1.13789	0.161957	1.34369	1.34369	0.383134	0.837251	-1.19439	0.702782	0.926962	-1.07879	0.791593	0.948958	-1.05379	0.678851	1.08585	1.08585	1.6578	0.723846	0.550964	1
cg19927769	CDL15A1	0.418375	0.288976	0.316788	-3.15669	0.57494	1.8071	1.8071	0.74845	2.12244	2.12244	0.355493	0.370608	-2.69827	0.48707	0.478348	-2.09053	0.380592	0.39092	-2.55807	0.0714548	0.122176	-8.18494	0.135825	0.186628	-5.35824	0.506282	0.494474	-2.02235	1.6578	20.1719	15.3541	1
cg04358685	MXRN2	0.418725	0.714537	0.967579	-1.03351	0.838887	1.01262	1.01262	0.841466	1.01813	1.01813	0.491775	0.959277	-1.04265	0.442314	1.02183	1.02183	0.773194	1.02626	1.02626	0.927342	0.957058	-1.04487	0.908875	0.98978	-1.01033	0.161293	1.14364	1.14364	1.6577	0.843868	0.113314	1
cg21243064	SEC16A	0.418756	0.955442	0.956387	-1.0456	0.693845	0.729251	-1.37127	0.40327	1.97899	1.97899	0.76956	1.2642	1.2642	0.801444	0.817831	-1.22275	0.812125	1.20928	1.20928	0.186234	3.05989	3.05989	0.05002385	0.168058	-5.95033	0.365509	2.10017	2.10017	1.16779	11.7798	8.96643	1
cg07469408	JDP2;JDP2;JDP2	0.41876	0.799047	1.0664	1.0664	0.13868	0.669202	-1.4942	0.532784	1.17492	1.17492	0.950969	0.999043	-1.00096	0.791535	1.08333	1.08333	0.781224	0.93248	-1.07268	0.510856	0.845305	-1.183	0.0478882	1.76821	1.76821	0.623585	1.13275	1.13275	1.16778	1.17444	0.899955	1
cg06838605	ZNF783	0.418763	0.513412	0.86517	-1.15584	0.185583	1.72449	-1.38028	0.144012	1.43389	1.43389	0.468662	1.18436	1.18436	0.915869	1.02456	1.02456	0.342862	1.25147	1.25147	0.588932	1.13345	1.13345	0.447202	0.837049	-1.19407	0.182032	1.38434	1.38434	1.16777	0.974993	0.742148	1
cg09390987	FLYWCH2;FLYWCH2;FLYWCH2	0.418764	0.342369	0.86736	-1.15292	0.119423	1.27864	1.27864	0.939499	1.0111	1.0111	0.0772011	0.751415	-1.33082	0.638229	0.933432	-1.07132	0.743264	0.953316	-1.04897	0.461024	0.896582	-1.11535	0.341094	0.867014	-1.15338	0.847188	1.02846	1.02846	1.16777	0.391334	0.297877	1
cg06544062	GATAD2A	0.418768	0.544051	1.1076	1.1076	0.170874	0.682961	-1.4643	0.223001	0.880073	-1.23751	0.810287	0.899847	-1.11206	0.493974	1.02025	1.02025	0.835346	1.08403	1.08403	0.603653	0.916525	-1.09108	0.593128	0.924152	-1.08191	0.905282	1.02001	1.02001	1.16776	0.512267	0.389932	1
cg08857729	TCTEX1D1	0.418772	0.0614676	11.6086	11.6086	0.211741	4.62246	-4.62246	0.816571	1.31048	1.31048	0.986039	0.979844	-1.02057	0.808377	0.753704	-1.32678	0.717794	1.25557	1.25557	0.42526	2.57941	2.57941	0.079721	0.96288	0.612888	0.277853	3.7182	3.7182	1.16776	25.0471	19.0657	1
cg15224459	METRNL	0.418778	0.137273	0.607072	-1.64697	0.0939436	0.583772	-1.71421	0.356866	0.683473	-1.46311	0.732243	0.659469	-1.5638	0.541587	1.15318	1.15318	0.446032	1.2694	1.2694	0.644158	1.55009	1.55009	0.0482633	-1.11297	0.862633	1.47768	1.47768	0.993719	0.997958	-1.00421	1.16318	1
cg22381454	LDLR	0.41878	0.119393	0.246814	-4.05163	0.942786	0.942308	-1.06122	0.882183	0.88446	-1.13063	0.913066	1.09463	1.09463	0.18166	1.30917	1.30917	0.0966295	0.220893	-4.52708	0.0975745	0.222018	-4.50415	0.86442	0.868063	-1.15199	0.937947	1.06658	1.06658	1.16774	1.06658	1.16774	1
cg10536534	MCTS1;MCTS1;MCTS1	0.418782	0.228186	0.333103	-3.0027	0.9382	0.927299	-1.0784	0.74879	0.756391	-1.32207	0.17377	0.51835	-1.93515	0.147516	3.86108	3.86108	0.211645	0.31859	-3.13883	0.0935857	0.669506	-2.12945	0.655185	0.67656	-1.47807	0.835242	1.19847	1.19847	1.16774	13.9758	10.6385	1
cg00652205	KIAA0564;KIAA0564	0.418784	0.542016	0.945103	-1.05783	0.253356	0.84838	-1.17914	0.253866	0.836362	-1.19565	0.188222	0.513612	-1.94754	0.250673	3.98941	3.98941	0.313056	0.680618	-1.46936	0.676768	1.48217	1.48217	0.466282	0.89884	-1.11255	0.930824	0.881682	-1.13452	1.16773	0.382709	0.291322	1
cg00537210	KLHL29	0.418791	0.45287	0.512613	-1.95079	0.0298586	0.107172	-9.33077	0.114482	0.223538	-4.47352	0.872092	0.868664	-1.15119	0.291924	0.384598	-2.60012	0.689782	0.704262	-1.41993	0.59789	0.628065	-1.59219	0.407502	0.47693	-2.09674	0.948686	1.05097	1.05097	1.16771	14.1221	10.75	1
cg10705209	SHF	0.418797	0.72487	0.933188	-1.07159	0.803705	0.953317	-1.04897	0.664497	1.1552	1.1552	1.5	0.975253	1.15266	1.15266	0.955107	1.04833	0.179318	1.12197	1.12197	0.781924	1.07484	1.07484	0.105599	0.815988	-1.22527	0.881552	1.10599	1.10599	1.16772	1.10277	0.935382	1
cg05798641	HLA-DPB1	0.418799	0.329719	0.610194	-1.63882	0.719097	0.837466	-1.19408	0.754949	1.18122	1.18122	0.128456	0.446205	-2.24112	0.96637	0.979508	1.02092	0.269169	1.7597	1.7597	0.55123	0.978205	-1.02796	0.131762	0.449793	-2.22325	0.1650444	0.483211	-2.06949	1.1677	0.436926	0.339537	1
cg01565985	CHD5	0.418803	0.567383	1.2877	1.2877	0.646265	0.81698	-1.22402	0.960881	0.978774	-1.02169	0.43139	1.41817	1.41817	0.52768	1.32299	1.32299	0.324732	1.56023	1.56023	0.0588467	0.393215	-2.54314	0.220689	1.75627	1.75627	0.574307	1.28179	1.28179	1.16769	3.5385	2.69363	1
cg08872483	FAM120AOS;FAM120A	0.418811	0.933448	1.08382	1.08382	0.645145	0.798334	-1.05128	0.121128	0.932703	1.02339	1.02339	0.286229	0.876592	1.15466	1.15466	1.15575	0.998314	0.999543	-1.00046	0.664242	0.892598	-1.12031	0.402994	0.840236	-1.15791	1.14767	0.964424	0.86407	-1.15711	1.14767	0.705401	0.536985	1
cg26948596	RIN3	0.418815	0.184674	0.731748	-1.36659	0.0838111	0.65394	-1.52919	0.074713	0.643661	-1.55361	0.751363	1.07311	1.07311	0.523737	0.866373	1.15424	0.723162	1.08216	1.08216	0.745294	0.910945	-1.27086	0.792298	0.943099	-1.06033	0.166766	0.911299	0.69373	1
cg00577588	ATF4;ATF4	0.418817	0.0804448	0.58925	-1.69753	0.0439434	0.61822	-1.61721	0.0956266	0.62762	-1.59282	0.0936589	0.807204	-1.23884	0.0684373	1.46311	1.46311	0.780965	1.03036	1.03036	0.907201	1.10318	1.10318	0.644158	0.780965	-1.36899	0.0768173	1.53158	1.53158	1.16766	0.980657	0.660662	1
cg04223006	VCAN;VCAN;VCAN;VCAN	0.418831	0.154363	0.426325	-2.34563	0.1681093	0.439898	-2.27325	0.278776	0.532754	-1.87704	0.308231	1.80355	1.80355	0.236972	0.500153	1.99939	0.318222	0.561643	-1.78049	0.665646	0.784179	-1.27522	0.429273	1.57021	1.57021	0.634859	0.765274	-1.30672	1.16763	0.7826	0.40215	1
cg25740500	FBXO15;FBXO15	0.418831	0.602814	1.3992	1.3992	0.990974	1.00726	1.00726	0.87221	0.902166	-1.10844	0.527441	1.50605	1.50605	0.934529	1.05395	1.05395	0.397959	1.73938	1.73938	0.38996	1.75669	1.75669	0.0194193	0.60479	0.60479	0.291649	2.01337	2.01337	1.16763	7.56457	5.75873	1
cg12138857	NUP210	0.418839	0.203684	0.679746	-1.47086	0.0276132	0.18874	-5.29884	0.0924153	0.18874	-5.29884	0.0924153	0.18874	-5.29884	0.0924153	0.18874	-5.29884	0.210584	1.20419	1.20419	0.488	1.30409	1.30409	0.610025	0.210584	-4.74913	0.0547339	0.264061	-3.78621	1.16766	1.03546	0.74313	1
cg08930456	TCF7L2 TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;	0.418846	0.274079	0.703099	-1.42228	0.0906197	0.56155	-1.78078	0.186402	0.648197	-1.54274	0.455348	1.26535	1.26535	0.931317	1.02704	1.02704	0.390753	0.76171	-1.31284	0.83474	1.0668	1.0668	0.874598	0.952291	-1.0501	0.12524	1.598327	-1.67133	1.1676	1.77157	1.34869	1
cg23446698	SLC22A17;SLC22A17	0.418848	0.564058	0.857041	-1.16681	0.668888	1.7219	1.7219	0.653643	1.14292	1.14292	0.783856	0.929844	-1.07545	0.468099	1.21568	1.21568	0.460592	1.29186	1.29186	0.374038	0.785535	-1.27302	0.719863	0.680059	-1.4576	0.696565	1.1924	1.16769	1.29416	0.985243	1
cg15488143	AHCYL2;AHCYL2	0.418852	0.656494	0.895169	-1.11711	0.128042	1.50234	1.50234	0.212717	0.722754	-1.3836	0.954514	1.01421	1.01421	0.982599	0.994619	-1.00541	0.898805	1.03198	1.03198	0.114118	1.52989	1.52989	0.367072	1.25763	1.25763	0.438771	0.822527	-1.21577	1.16759	1.13178	0.861632	1
cg23297230	WDR25;WDR25	0.418854	0.240467	0.898544	-1.11307	0.0962968	0.832634	-1.20115	0.182968	0.3528	-2.83407	0.0966128	0.425634	1.95268	0.0982	0.419402	-2.38348	0.462111	0.571244	-1.75057	0.167	0.332217	-3.01008	0.398055	0.523498	-1.91023	0.389629	0.517151	-1.93367	1.16757	0.307459	0.287449	1
cg04155348	TRIM62;TRIM62	0.418863	0.887477	0.952464	-1.04991	0.283628	0.681678	-1.46697	0.213811	0.637484	-1.56875	0.857291	0.956547	-1.04543	0.731069	1.12602	1.12602	0.377536	0.732364	-1.36544	0.616893	0.840716	-1.18946	0.273666	0.675795	-1.47974	0.0303454	0.41657	-2.40055	1.16756	2.18822	1.66593	1
cg06071334	UNG01	0.418872	0.674342	0.876435	-1.14107	0.636927	0.803934	-1.2812	0.0996251	0.71564	-1.39756	0.213662	0.511855	1.95354	0.0756751	0.484154	-2.06482	0.647434	0.876435	-1.14107	0.636927	0.803934	-1.2812	0.0996251	0.71564	-1.39756	0.213662	0.511855	1.95354	0.0756751	0.484154	-2.06482	1.16756	1.04206	0.74313	1
cg23093462	PARD3	0.418875	0.488188	0.848968	-1.1779	0.480767	0.846512	-1.18132	0.961986	1.01114	1.01114	0.0636752	1.62372	1.62372	0.356149	0.801987	1.2469	0.645117	0.897788	-1.11385	0.184777	1.38683	1.38683	0.491132	1.17656	1.17656	0.741286	1.08007	1.08007	1.16754	0.999535	0.760983	1
cg24576285	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2	0.418875	0.725796	1.05063	1.05063	0.217073	0.831133	-1.20318	0.564688	0.921936	-1.08457	0.709143	1.05396	1.05396	0.606456	1.07601	1.07601	0.205651	1.20597	1.20597	0.054899	1.42702	1.42702	0.0178946	0.952406	1.04828	1.02437	1.02437	1.16754	0.36384	0.277005	1
cg21174055	LHX3	0.418877	0.461627	0.384395	-2.60149	0.208974	0.184596	-5.41723	0.714459	1.59806	1.59806	0.0960869	10.2928	10.2928	0.223502	0.195616	-5.11205	0.320932	3.69979	3.69979	0.953118	0.927737	-1.07789	0.910782	0.860756	-1.15373	0.534266	2.23224	2.23224	1.16753	30.0948	22.9124	1
cg04321919	KIF5C	0.418881	0.189357	0.556082	-1.79806	0.0392097	0.66534	-1.50307	0.0976357	0.28629	-3.49329	0.876592	1.15466	1.15466	0.0923	0.376176	2.69455	0.684945	0.685268	-1.45924	0.734936	1.36951	1.36951	0.30402	0.894377	-1.1181	0.959234	0.953801	-1.04844	1.1675	0.815381	1.10547	1
cg05063138	PKNOX2	0.418896	0.359763	0.980284	-1.02011	0.662117	1.12284	1.12284	0.273411	1.35029	1.35029	0.313034	1.31647	1.31647	0.288925	1.1365	1.1365	0.074609	1.68761	1.68761	0.314466	0.760269	-1.31532	0.867181	0.956856	-1.04509	0.401506	0.797523	-1.25388	1.16749	1.28368	0.977347	1
cg00534550	TAPBP;TAPBP;TAPBP	0.418903	0.314489	0.805291	-1.24163	0.19623	1.12636	1.12636	0.30091	0.831841	-1.17393	0.992116	0.998523	-1.00148	0.412858	0.882304	-1.1334	0.661229	0.732941	-1.36385	0.765851	1.04568	1.04568	0.772362	0.95754	-1.04434	0.463545	0.894407	-1.11806	1.16748	0.944633	1	1
cg16075209	MRPS30	0.418904	0.942577	1.03182	1.03182	0.57797	0.898471	-1.11313	0.559041	1.14577	1.14577	0.687069	0.925758	-1.08026	0.240592	1.26369	1.26369	0.82153	0.957874	-1.04398	0.723161	0.934239	-1.07035	0.0283236	1.62543	1.62543	0.583484	1.11168	1.11168	1.16748	0.670957	0.510852	1
cg11645081	LAPTM4A	0.418906	0.971156	1.01094	1.01094	0.658108	1.86098	1.86098	0.53176	1.20766	1.20766	0.302901	0.72536	-1.37862	0.93485	0.746216	-1.34009	0.283176	0.71498	-1.39864	0.866579	1.0158	1.0158	0.785629	0.921245	-1.08549	0.382085	1.30959	1.30959	1.16747	1.67385	1.27444	1
cg02151754	SYT2	0.418907	0.63822	1.38068	1.38068	0.437637	0.661387	-1.51181	0.0931034	0.66234	-1.51011	0.0923824	1.68177	1.68177	0.0266886	0.727297	1.37452	1.37452	0.0626202	1.48492	?	?	?	?	0.417934	2.39272	0.697748	1.22625	1.22625	0.765015	1.16958	1.16958	1.16742	4.46482	3.84526	1
cg20984972	NFIC;NFIC	0.418911	0.957917	1.02312	1.02312	0.0756381	2.35526	2.35526	0.196996	1.80554	1.80554	0.724229	1.16585	1.16585	0.849966	1.08549	1.08549	0.267038	1.65022	1.65022	0.0921409	2.23244	2.23244	0.507488	0.74731	-1.33813	0.868243	1.07457	1.07457	1.16746	3.46973	2.64181	1
cg18797229	TAPBP;TAPBP;JKL2;RGL2	0.418921	0.115322	0.869402	-1.15154	0.804036	0.979835	-1.02058	0.0759716	0.856093	-1.17564	0.808445	0.980295	-1.0201	0.357935	0.918804	-1.08827	0.371102	0.92751	-1.07816	0.933555	1.03185	1.03185	-1.03477	0.744327	1.02718	0.102718	0.375771	1.07733	1.07733	1.16744	0.810618	0.604189	1
cg27361401	DYNC1LI1	0.418922	0.87268	1.01761	1.01761	0.74581	1.03606	1.03606	0.0617333	1.25756	1.25756	0.148253	0.844854	-1.18364	0.734274	1.03781	1.03781	0.596707	0.943496	-1.05989	0.265992	0.881326	-1.13464	0.0778127	0.975726	-1.02488	0.716621	1.0405	1.0405	1.16744	0.239139	0.167005	1
cg22643488	GPR87;MED12L	0.418923	0.674382	1.31899	1.31899	0.530507	0.659474	-1.51636	0.374037	0.549986	-1.81823	0.0668295	0.260204	-3.84314	0.330955	1.9295	1.9295	0.465503	1.62501	1.62501	0.244384	2.22097	2.22097	0.717686	0.788283	-1.26858	0.776392	1.20512	1.20512	1.16744	7.9376	6.04371	1
cg06079996	PPAT	0.418924	0.891326	1.12216	1.12216	0.465394	0.787913	-1.26948	0.184188	0.942651	-1.06084	0.889968	0.94782	-1.05502	0.0997	0.940047	1.43483	0.299463	1.14724	1.14724	0.0775475	0.510107	-1.96037	0.345066	1.69563	1.69563	0.482092	0.785775	1.27263	1.16743	2.10525	1.60295	1
cg11647481	FOXI1	0.418929	0.25782	3.30295	3.30295	2.60579	1.2783	1.2783	0.469068	2.10715	2.10715	0.512516	1.95835	1.95835	0.293181	3.01436	3.01436	0.356334	2.61161	2.61161	0.0573769	8.80294	8.80294	0.159327	4.5806	4.5806	0.104203	6.03393	6.03393	1.16742	1.98535	14.4139	1
cg22179145	SND1	0.418931	0.403481	0.881881	-1.29508	0.318858	0.788656	-1.26803	0.0999501	0.513253	1.94823	0.688604	0.718995	-1.39104	0.0429582	1.29726	1.29726	0.338817	0.940457	-1.06337	0.824012	0.958149	-1.04355	0.305093	0.419877	-2.38262	0.0133111	0.440537	-2.26996	1.16741	2.30997	1.68121	1
cg01557740	TDRD3;TDRD3;TDRD3	0.418933	0.810406	1.1835	1.1835	0.960061	0.965505	-1.03573	0.867693	0.889697	-1.12398	0.713834	0.772454	-1.29458	0.230719	0.414224	2.41415	0.765928	1.23279	1.23279	0.117829	1.23879	1.23879	0.133905	3.10547	3.10547	0.16738	2.80576	2.80576	1.16741	0.708532	6.91771	1
cg20827659	PAWR	0.418934	0.545986	0.871145	-1.14791	0.566894	0.877507	-1.13959	0.364982	0.810469	-1.23385	0.114537	0.678766	-1.47526	0.137436	0.72105	-1.38687	0.130027	0.69129	-1.44657	0.154862	0.711533	-1.40542	0.423864	1.20249	1.20249	0.841072	0.955687	-1.04637	1.16741	0.942295	0.717481	1
cg10654010	DGKE	0.418937	0.163232	0.609702	-1.64014	0.0770744	0.80756	-1.2385	0.746245	1.04695	1.04695	0.51928	0.811821	-1.23175	0.773106	0.948377	-1.05466	0.244674	1.24874	1.24874	0.181124	0.818228	-1.22215	0.147462	0.779505	-1.25361	0.804609	0.965583	-1.03564	1.16741	0.369142	0.281473	1
cg17128417	GDF7	0.418941	0.14488	0.236163	-4.23437	0.0308744	0.0966622	-10.3453	0.251714	0.331625	-3.01545	0.578527	0.596143	-1.67745	0.377837	0.43428	-2.30266	0.264436	0.342268	2.92168	0.358292	0.418645	-2.38866	0.621563	0.632136	-1.58194	0.384482	0.439587	-2.27486	1.6674	15.709	11.9613	1
cg07177803	ZMAT3;ZMAT3	0.418953	0.433277	0.898035	-1.11349	0.607757	0.71885	-1.3915	0.0754755	0.710234	0.244499	0.889353	0.944347	-1.05918	0.0917469	0.74369	-1.34506	0.743805	0.968395	-1.0328	0.919548	1.14258	1.14258	0.0966054	0.743327	1.02718	0.102718	0.375771	1.07733	1.07733	1.16744	0.810618	0.604189	1
cg20462883	BCL7A;BCL7A	0.418954	0.534658	1.23126	1.23126	0.391343	0.747842	-1.33718	0.0475817	0.715263	1.27256	1.25756	0.148253	0.844854	-1.18364	0.734274	1.03781

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1118 vs. N)	Fold-Change(1118 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1121 vs. N)	Fold-Change(1121 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs.5637 vs. N)	Fold-Change(5 vs.5637 vs. N)	F(Treat)	SS(Treat)	SS(Error)	F(Error
cg06750632	ACAP3		0.419315		0.149744	0.455455	-2.19561	0.184507	0.04784	2.04784	0.949346	1.03249	1.03249	0.398893	0.644214	-1.55228	0.114155	0.416801	-2.39923		0.626812	0.77917	-1.28342	0.477436	1.45216	1.45216	0.97599	1.01544	1.01544	0.454681	0.678541	1.47375	1.1666	4.79158	3.65093	1
cg06434972	POLM		0.419137		0.485934	0.899972	-1.19052	0.451039	1.20822	1.20822	0.533378	1.16719	1.16719	0.757551	0.926569	-1.07925	0.757235	0.926473	-1.07936		0.693114	0.906928	-1.10262	0.0434434	0.564393	-1.77182	0.317833	1.28058	1.28958	0.342114	0.785771	-1.27263	1.1666	1.12089	0.854062	1
cg02964172	GCNT2;GCNT2;GCNT2		0.41933		0.302004	2.29623	2.29623	0.700454	1.35055	1.35055	0.985963	0.988417	-1.01377	0.264957	2.46743	2.46743	0.690347	0.732491	-1.3652		0.179014	3.03364	3.03364	0.66435	1.4041	1.4041	0.0352328	6.73037	6.73037	0.345095	2.12968	2.12968	1.16657	11.166	8.5081	1
cg14108806	ZBTB17		0.419337		0.965734	-1.0355	0.0745077	2.9241	2.9241	2.9241	0.0649004	3.06338	3.06338	0.85467	1.09409	1.09409	0.78061	0.860339	-1.16274		0.690715	1.24108	1.24108	0.566317	1.36762	1.36762	0.473471	0.67453	-1.48251	0.63064	0.769788	1.29906	1.16656	5.38859	4.10598	1
cg22909333	DOCK1		0.419341		0.841408	0.888894	-1.12499	0.162114	0.415816	-2.40491	0.595485	1.37026	1.37026	0.956067	0.968132	-1.03292	0.962082	0.867526	-1.15271	0.0402386	0.04729	4.0279	4.09079	0.666112	-1.50125	0.686891	0.788033	-1.26898	1.66555	6.38519	4.8654	1
cg13816552	PTPN2;PTPN2;PTPN2		0.419345		0.208396	0.688448	-1.45375	0.900511	0.966721	-1.03442	0.477612	1.21578	1.21578	0.64086	0.880613	-1.13557	0.113955	0.62792	-1.59255		0.940643	1.02036	1.02036	0.20179	1.43758	1.43758	0.765667	1.08425	1.08425	0.195206	0.690217	1.44882	1.16654	1.35293	1.03092	1
cg02292720	HSP90B3P		0.419356		0.562959	0.897242	-1.11453	0.959682	1.00942	1.00942	0.232675	0.792917	-1.26117	0.311732	0.823634	-1.21413	0.300985	0.819797	-1.21981		0.309695	0.822914	-1.21519	0.0968928	1.40193	1.40193	0.375428	0.844798	-1.18371	0.17405	0.844365	-1.18432	1.16652	0.635065	0.483922	1
cg04284137	PSMC6		0.419359		0.997902	1.00057	1.00057	0.939062	1.01781	1.01781	0.174753	1.36707	1.36707	0.511557	1.55514	1.55514	0.28296	1.37936	1.37936		0.5572158	1.5993	1.5993	0.50049	0.8623156	1.31106	1.31106	0.291298	1.2677	1.2677	1.16651	0.8568892	0.660578	1
cg00509869	ASH2L;ASH2L		0.419367		0.792044	1.0518	1.0518	0.25821	1.25644	1.25644	0.764713	0.944245	-1.05905	0.942791	0.938017	-1.06068	0.793842	0.938372	-1.06608		0.0394274	0.634202	-1.57678	0.322784	0.822665	-1.21556	0.272465	0.803872	-1.24398	0.372749	0.936588	-1.06771	1.16649	0.674891	0.514279	1
cg21269934	NAT8L		0.419369		0.505409	0.875166	-1.14264	0.333022	1.21778	1.21778	0.712488	1.07577	1.07577	0.484845	1.15034	1.15034	0.963404	0.990988	-1.00909		0.0767803	1.47454	1.47454	0.363638	0.831759	-1.20227	0.693999	0.924945	-1.08115	0.134677	1.3747	1.3747	1.16649	0.719265	0.548095	1
cg05897394	GNA11		0.419383		0.799791	0.89737	-1.11458	0.731936	1.23488	1.23488	0.248373	1.40835	1.40835	0.108253	1.54284	1.54284	0.0497233	1.55444	1.55444		0.6718957	0.828098	1.20728	0.823224	0.9350901	1.19726	1.19726	0.490461	1.13513	1.13513	0.98263	1.009463	1.009463	1.00963	1.16646	3.57914	2.72745	1
cg25507518	EIF3B;EIF3B		0.419387		0.741648	0.903411	-1.06348	0.573216	0.899669	-1.11152	0.962831	1.00869	1.00869	0.319861	1.3432	1.3432	0.359357	0.668091	-1.4968		0.728747	0.937381	-1.0668	0.158246	1.11854	1.11854	0.485664	0.876697	-1.14065	0.57964	1.10952	1.10952	1.16645	0.637378	0.485711	1
cg08093317	C7orf27		0.419406		0.392152	0.795445	-1.42117	0.076881	0.554669	1.19264	0.844562	0.936152	-1.06823	0.206893	0.639225	-1.5644	0.896146	0.957046	-1.04488		0.832094	0.929159	-1.08335	0.335995	1.39648	1.39648	0.564317	1.21629	1.21629	0.188417	0.629333	-1.59361	1.16641	2.08783	1.55108	1
cg21136764	AADAC		0.419409		0.121626	0.688019	-1.45345	0.735638	0.927268	-1.07844	0.491544	0.855833	-1.16845	0.867479	0.963471	-1.03791	0.17051	0.722352	-1.38437		0.175798	1.37818	1.37818	0.317049	1.2592	1.2592	0.653558	0.90423	-1.10591	0.508964	0.863135	-1.16102	1.1664	0.917271	0.699031	1
cg13660086	MYO7;MYO7		0.419421		0.434582	0.738029	-1.35496	0.146756	0.552446	-1.81013	0.100141	0.503193	-1.98602	0.86409	0.936408	-1.06745	0.905427	1.04633	1.04633		0.913611	1.04221	1.04221	0.582186	0.80919	-1.2358	0.190842	1.69512	1.69512	0.259244	0.638617	-1.56588	1.16638	2.68177	2.04376	1
cg16324388	MFSD1;MFSD1		0.419431		0.110879	1.82718	1.82718	0.424721	1.83222	1.83222	0.107553	0.707298	-1.41407	0.145128	1.34966	1.34966	0.506031	0.593702	-1.68503		0.245319	2.55721	2.55721	0.759932	1.26721	1.26721	0.647536	1.42714	1.42714	0.0849914	0.46382	4.36382	1.16636	11.0285	8.40462	1
cg13414454	PTPN2;PTPN2;PTPN2		0.419436		0.590972	0.904685	-1.10536	0.216724	1.27123	1.27123	0.690506	0.92877	-1.07669	0.419336	0.85869	-1.16457	0.49171	1.13762	1.13762		0.04189885	0.648605	-1.54177	0.785678	0.95092	-1.05161	0.531944	0.880681	-1.124	0.851729	1.03515	1.03515	1.16635	0.629702	0.479905	1
cg23302594	FAM160A		0.419439		0.299408	2.45596	2.45596	0.543882	1.61933	1.61933	0.233526	2.83147	2.83147	0.397165	0.489387	-2.04337	?	?	?		0.403075	2.0241	2.0241	0.142746	3.75044	3.75044	0.471751	0.547767	-1.82559	?	?	?	1.20152	9.41418	6.75193	1
cg19830147	MCM5APAS;LSS;LSS;LSS		0.41944		?	?	?	?	0.958726	-1.05238	0.38199	0.409938	-2.4394	?	?	?	?	?	?		?	?	?	?	3.64711	?	?	1.19052	5.11326	5.72903	1
cg10439765	SLC12A5;SLC12A5;SLC12A5 CHK6		0.419443		0.168723	0.721122	-1.38673	0.0970362	0.666277	-1.50088	0.433221	0.836696	-1.19518	0.425093	1.19913	1.19913	0.244426	0.762248	-1.31191		0.259169	0.769168	-1.30011	0.716815	1.0846	1.0846	0.539019	1.14873	1.14873	0.727166	0.92488	-1.08122	1.16633	0.918132	0.699731	1
cg20573307	CPT1B;CHKB;LOC101144603;CHKB		0.419445		0.2381	1.22441	1.22441	0.837836	0.966983	-1.03414	0.332642	0.848966	-1.1779	0.76995	0.953093	-1.04922	0.954105	1.35049	1.35049		0.474553	0.88768	-1.12653	0.173964	0.788017	-1.2674	0.634641	0.924567	-1.08159	0.729273	0.944669	-1.05857	1.16633	0.495811	0.37787	1
cg14356440	MGAT5		0.419452		0.928104	0.970392	-1.03061	0.539813	1.0406	1.0406	0.832505	1.07755	1.07755	0.18604	1.1614	1.1614	0.425668	0.777408	1.28672	0.943414	1.0221	1.0221		0.189559	1.80984	1.80984	0.0995	1.30956	1.30956	0.0411305	1.78011	1.78011	0.674196	1.13906	1.13906	1.16631	1.71555	1.13499	1
cg12028762	DOHH;DOHH		0.419465		0.615596	1.53265	1.53265	0.624945	0.659979	-1.5152	0.800406	0.807613	-1.23822	0.131477	0.253257	-3.94856	0.0583006	0.164528	6.078		0.2146494	0.332313	-3.00921	0.956228	1.04738	1.04738	0.524753	1.72225	1.72225	0.465405	0.534411	-1.87122	1.16629	13.1403	10.0149	1
cg07664358	E2dt;E2d4		0.419465		0.997185	1.00066	1.00066	0.21945	1.27318	1.27318	0.262048	1.24449	1.24449	0.990143	0.997692	-1.00231	0.833304	1.0402	1.0402		0.110654	0.722453	-1.38417	0.508953	0.882225	-1.1335	0.733651	1.06596	1.06596	0.143676	1.34157	1.34157	1.16628	0.6461	0.492428	1
cg03725134	RAB40C		0.419465		0.134425	0.774387	-1.29134	0.243713	1.21813	1.21813	0.0097	0.982188	-1.01814	0.161551	0.780934	-1.28021	0.26737	0.421523	0.870331	-1.13891		0.824411	1.03583	1.03583	0.365074	1.15862	1.15862	0.849791	1.0307	1.0307	0.28989	0.642354	0.86353	1.16628	0.46353	0.353282	1
cg23502772	MGC42105		0.419477		0.281771	0.739274	-1.35268	0.674157	0.892079	-1.12098	0.86359	0.954622	-1.04753	0.480299	0.823851	-1.21381	0.405542	0.794679	-1.25837		0.90258	0.967471	-1.03362	0.788848	0.930076	-1.07518	0.727726	0.909927	-1.09899	0.0342647	1.94843	1.94843	1.16626	1.34712	1.02674	1
cg02257171	TSG101;TSG101		0.419484		0.444935	1.6128	1.6128	0.0290503	0.928742	-1.4633	0.57484	0.705985	-1.41645	0.882627	1.09476	1.09476	0.539035	1.44069	1.44069		0.207431	0.442585	-2.25904	0.313854	0.452883	-2.20808	0.487103	1.54323	1.54323	0.194381	0.857711	-1.16616	1.16626	6.94055	5.28995	1
cg01787110	NBPF9;NBPF9		0.419486		0.430876	1.35168	1.35168	0.778505	1.11148	1.11148	0.51049	1.28428	1.28428	0.234976	0.627147	-1.59452	0.518411	1.27813	1.27813		0.58246	1.82106	1.82106	0.123137	0.728787	1.60546	1.60546	0.111641	1.63795	1.63795	0.106599	0.570193	1.75379	1.16624	2.59494	1.97782	1
cg04986989	CHD1L		0.419486		0.747545	1.08375	1.08375	0.195052	1.40679	1.40679	0.695211	1.10302	1.10302	0.74907	0.932496	-1.08308	0.998309	1.00053	1.00053		0.617759	1.13347	1.13347	0.738125	0.919836	-1.08715	0.0642252	0.959802	-1.67841	0.179255	1.42657	1.42657	1.16624	1.14544	0.873034	1
cg16968554	DUSP15;DUSP15;DUSP15		0.419489		0.164849	1.75968	1.75968	0.252133	0.82097	-1.55983	0.818738	0.918194	-1.08909	0.233519	0.882393	-1.13338	0.591017	1.03859	1.03859		0.764009	1.11846	1.11846	0.615355	0.523802	-1.90912	0.573315	0.809305	-1.23561	0.16023	0.963255	-1.03811	1.16623	0.154665	0.119613	1
cg02044242	DOCK3		0.419491		0.228256	0.731144	-1.36772	0.602467	0.870686	-1.13897	0.431016	0.819534	-1.22021	0.593624	0.875146	-1.14267	0.153838	0.654927	-1.52689		0.556748	0.86314	-1.15856	0.417228	1.22873	1.22873	0.358596	0.791555	-1.26334	0.0608276	0.592565	-1.68758	1.16623	1.13253	0.863205	1
cg01464473	SLC13A4		0.419493		0.308507	0.787092	-1.27058	0.519813	0.847256	-1.18014	0.331683	0.648945	-1.5415	0.0978939	0.999359	-1.0006	0.998353	0.816884	0.94983	-1.05285		0.0408664	0.54507	-1.83497	0.0178669	0.634453	-1.57669	0.0634453	0.73966	-1.35206	0.0178295	0.768295	-1.30145	1.16622	0.384442	0.29402	1
cg09055253	DKC1;DKC1		0.419496		0.146762	0.273002	-3.66298	0.763265	0.777387	-1.28636	0.899091	1.11155	1.11155	0.161707	3.47536	3.47536	0.111496	4.24215	4.24215		0.325716	0.42916	-2.33013	0.945498	1.05865	1.05865	0.91784	0.957579	-1.08982	0.765903	1.28263	1.28263	1.16622	12.8356	9.78327	1
cg00509070	IGFBP5		0.419506		0.976836	0.993431	-1.00661	0.190514	1.3698	1.3698	0.29061	1.27674	1.27674	0.441177	1.19516	1.19516	0.564828	1.14844	1.14844		0.845198	0.956598	-1.04537	0.0519901	0.605419	-1.65375	0.96588	1.00976	1.00976	0.974461	1.00729	1.00729	1.1662	0.951649	0.725357	1
cg23384027	NFE2L9;FE2		0.419514		0.381846	0.747087	-1.33834	0.0812284	0.727731	-1.37434	0.0470977	0.715352	-1.39834	0.0819856	0.72151	-1.38596	0.0570766	0.733564	-1.36308		0.39592	1.48327	-1.48327	0.0	0.5590779	-1.78865	0.379312	0.593111	-1.68116	0.895123	1.11487	1.11487	1.16618	1.92544	1.56002	1
cg21743914	ANGPT2;ANGPT2;ANGPT2;MCPH1		0.419517		0.976892	0.991692	-1.00838	0.0638377	1.82225	1.82225	0.330834	1.33512	1.33512	0.238322	0.700635	-1.42728	0.265945	0.716125	-1.3964		0.606171	1.1616	1.1616	0.974115	0.990698	-1.00939	0.467664	1.23722	1.23722	0.906363	0.966673	-1.03448	1.16617	1.53243	1.16806	1
cg05839224	GAUN79		0.419524		0.405604	1.5118	1.5118	0.0709033	0.788742	-1.4633	0.57484	0.631698	-1.58304	0.0441258	0.820627	-1.21849	0.163151	0.632451	-1.58106		0.624504	1.76503	1.76503	0.0274342	0.422514	2.3612	0.0187037	1.64059	1.64059	0.0513856	0.61683	-1.62145	1.16615	3.60463	2.74758	1
cg02317397	C17orf85;C17orf85		0.419525		0.419218	0.814885	-1.22717	0.446832	1.21204	1.21204	0.215205	0.723566	-1.38204	0.285901	1.31637	1.31637	0.212335	0.721941	-1.38516		0.868095	0.04209	1.04209	0.159852	1.45135	1.45135	0.428053	0.818174	-1.22223	0.895949	1.03182	1.03182	1.16616	1.13616	0.866017	1
cg14720207	PCCB		0.419523		0.393634	1.56024	1.56024	0.690022	1.2264	1.2264	0.048659	1.14693	1.14693	0.315395	1.70191	1.70191	0.793127	1.14316	1.14316		0.228387	0.5254	-1.90331	0.752807	0.8514246	-1.1745	0.751098	0.850441	-1.17586	0.409235	1.53675	1.53675	1.16616	4.78663	3.64854	1
cg01644402	CUX1;CUX1;CUX1 CSor36;ANKRD32;CSor36;CSor3;CSor5		0.419545		0.121358	0.675535	1.48001	0.0793316	0.976196	1.02496	0.875348	1.08514	1.0946	0.0419808	1.37091	1.37091	0.0139853	1.51808	1.51808		0.423603	0.804155	-1.24323	0.151216	1.50646	1.50646	0.548989	1.35197	1.35197	0.850819	-1.17534	0.262666	1.16499	1.16499	0.0	0.0	1
cg03975345	or56		0.419551		0.763165	0.932228	-1.0727	0.412568	1.27475	1.21475	0.600606	1.13051	1.13051	0.119476	0.675481	-1.48043	0.449766	0.836234	1.19584		0.248498	1.3233	1.3233	0.544221	0.867156	-1.1532	0.318889	0.787247	-1.27025	0.246631	1.32663	1.1661	0.995908	0.759155	1
cg10592090	RAD1;BRIX1;RAD1		0.419559		0.981309	1.00542	1.00542	0.713446	0.918362	-1.0889	0.0372647	1.74758	1.74758	0.711632	0.91784	-1.08951	0.414619	0.824856	-1.21233		0.0484988	1.53362	1.53362	0.392766	0.816975	-1.22403	0.435082	0.832038	-1.20187	0.599434	1.13017	1.13017	1.16609	0.984593	0.75054	1
cg10305536	OIG7		0.419561		0.184766	0.729579	-2.07545	0.615791	1.46216	1.46216	0.0911	1.85231	1.85231	0.601644	0.674692	-1.48226	0.0673434	0.674324	-1.48229		0.429932	0.443171	-2.25647	0.0102127	0.270606	-3.69514	0.0290307	0.492087	-2.03187	0.0170824	0.614121	-1.62793	1.16609	0.984593	0.75054	1
cg13153064	TMEM194A;TMEM194A		0.419565		0.851874	0.95831	-1.04315	0.0571177	0.614783	1.16559	0.912062	0.97534	-1.02528	0.825373	0.951282	-1.05121	0.132114	0.692587	-1.44386		0.496829	1.16874	1.16874	0.1291	0.8604248	-1.14838	0.726966	0.923828	-1.08245	0.563765	0.87703	-1.14021	1.16607	0.943434	0.719173	1
cg19140135	TBC1D16		0.419567		0.0472297	4.81045	4.81045	0.390652	1.81844	1.81844	0.753825	0.808011	-1.23761	0.928146	0.940737	-1.063	0.527059	1.54486	1.54486		0.844994	0.875814	-1.14179	0.140234	2.96531	2.96531	0.830495	0.864824	-1.15631	0.514418	0.638424	-1.56636	1.18789	8.44889	5.53197	1
cg21480043	CYP2S1		0.419568		0.194063	0.719547	-1.39009	0.283394	0.875135	-1.1436	0.77018	0.98274	-1.08274	0.622431	1.14446	1.14446	0.0613994	1.26314	1.26314		0.678053	0.889123	-1.1981	0.0326307	0.497856	-2.00861	0.377929	1.27885	1.27885	0.918863	1.02805	1.02805	1.16607	1.36506	1.04058	1
cg24760414	OSBPL5;OSBPL5;OSBPL5		0.419572		0.328372	1.37301	1.37301	0.318018	1.38308	1.38308	0.152501	1.61858	1.61858	0.599545	1.18114	1.18114	0.197062	1.53498	1.53498		0.850437	1.06111	1.06111	0.0774325	1.85297	1.85297	0.0904795	1.79703	1.79703	0.943555	1.02262	1.02262	1.16606	1.82344	1.39002	1
cg19593477	LOC283404		0.419583		0.270053	1.84671	1.84671	0.244599	1.28631	1.28631	0.786086	0.862782	-1.15904	0.142818	2.35025	2.35025	0.368099	0.605937	-1.65024		0.54417	1.39524	1.39524	0.0568718	1.58593	1.58593	0.958916	1.02834	1.02834	0.388516	1.61525	1.61525	1.16603	5.43615	4.14406	1
cg19770713	C9orf39;C9orf39		0.419585		0.150043	0.229117	-4.36677	0.0475834	0.914897	-1.09345	0.532124	0.633615	-1.57825	0.757416	1.34429	1.34429	0.168334	0.672947	-1.47941		0.159034	0.235594	-4.2458	0.343571	1.36816	1.36816	0.85689	0.84166	-1.18813	0.7679112	1.32657	1.32657	1.16603	1.84605	1.42378	1
cg14012686	C2orf65		0.419589		0.37589	0.683262	-1.46357	0.113525	0.485911	-2.05799	0.257029	0.60985	-1.64181	0.990603	1.00495	1.00495	0.209006	0.574053	1.742		0.189081	0.558157	-1.79161	0.749686	0.877962	-1.14025	0.0569296	0.405362	-2.46693	0.651702	0.826586	-1.20979	1.16602	3.24997	2.47296	1
cg23488816	MIR453;MIR485;MIR668		0.419589		0.467596	0.8703	-1.4933	0.0731675	0.72991	1.37091	0.282809	0.72584	-1.37784	0.682508	0.810739	-1.23344	0.18706	0.740227	-1.35049		0.47684	1.44678	-1.44678	0.0992295	1.00494	1.00494	0.988974	1.00886	1.00886	0.749321	0.847167	-1.18041	1.16602	0.64377	0.49284	1
cg01295842	SLC35E1		0.419591		0.514703	1.29825	1.29825	0.0779255	0.461206	-2.16823	0.940635	1.02986	1.02986	0.743771	1.13859	1.13859	0.0980026	0.488177	-2.04844		0.280054	0.641706	-1.55834	0.334951	0.675139	-1.48118	0.845432	1.08016	1.08016	0.884103	1.05932	1.05932	1.16602	2.88233	2.19728	1
cg23845374	VENTX		0.419592		0.627821	1.27439	1.27439	0.638526	0.790701	-1.2647	0.594224	1.38588	1.38588	0.063728	2.82266	2.82266	0.0178359	0.870095	-1.14973		0.295388	0.583866	-1.71272	0.0962198	2.13498	2.13498	0.0214911	3.14207	3.14207	0.125392	2.27781	2.27781	1.16601	5.45904	3.46787	1
cg23095192	ZEB2;ZEB2;ZEB2		0.419598		0.923508	0.966672	-1.03448	0.371468	0.491418	-2.03493	0.211149	0.628148	-1.59198	0.394381	1.36056	1.36056	0.164396	0.718434	1.8434		0.894476	0.04795	1.04795	0.225712	0.638242	-1.5668	0.360334	0.717547	-1.39364	0.593277	1.20958	1.20958	1.166	2.30047	1.75374	1
cg06934111	LOC221710		0.41596		0.215333	1.15485	1.15485	0.371364	1.10619	1.10619	0.634026	0.948432	-1.05437	0.553696	0.936004	-1.06837	0.547225	0.934968	-1.06956		0.905403	1.01321	1.01321	0.0581757	0.780502	-1.26662	0.868125	0.981822	-1.01851	0.387854	1.10264	1.10264	1.166	0.2250051	0.171566	1
cg02617655	UNC13A		0.419602		0.72282	1.39247	1.39247	0.257599	1.41115	1.41115	0.944134	1.10684	1.10684	0.0515288	1.29233	1.29233	-1.77053	?	?	1.24211		1.24211	0.738277	1.7337756	-1.36285	0.501953	1.87501	1.87501	0.176128	1.67605	1.67605	1.16597	12.0865	10.1981	1
cg15748470	ZNF486		0.419603		0.371129	1.51878	1.51878	0.211781	1.81957	1.81957	0.175471	1.92636	1.92636	0.742103	1.16215	1.16215	0.134541	0.750973	-1.33161		0.157171	0.497115	-2.01161	0.672896	0.824286	-1.21317	0.386001	1.49843	1.49843	0.333683	1.57423	1.57423	1.16599	3.28428	2.91543	1
cg09552402	STMN3		0.419604		0.148613	0.678492	-1.47413	0.0838508	0.583838	1.71398	0.0410676	0.701117	-1.42626	0.0407755	0.709365	-1.40911	0.0511137	0.729253	-1.37097		0.0771898	1.88705	-1.88705	0.0	1.12729	-1.12729	0.0115426	0.624296	-1.60216	0.0166907	0.546658	-1.82933	1.16599	0.64359	0.501359	1
cg18438551	C14orf182		0.419605		0.444081	0.877557	-1.13953	0.166418	1.28019	1.28019	0.651026	1.07921	1.07921	0.584214	0.911638	-1.09693	0.995674	0.990993	-1.00091		0.26151	1.21461	1.21461	0.0781505	0.720632	-1.38767	0.51665	0.895768	-1.11636	0.898339	0.97883	-1.02163	1.16599	0.5175	0.394515	1
cg08136042	FIGNL2;FIGNL2		0.419612		0.643663	0.737852	-1.35529	0.0632712	0.93077	1.30877	0.176208	2.55548	2.55548	0.460475	0.63298	-1.58008	0.264598	0.471344	-2.12159		0.766799	1.21421	1.21421	0.090181	1.00806	1.00806	0.824775	0.865264	-1.15572	0.514636	0.649692	-1.53919	1.16597	7.86545	5.99629	1
cg20675506	MRPL38;TCP1;TCP1		0.419615		0.243951	0.704178	-1.42045	0.0745671	0.751265	1.16358	0.214755	1.2441	1.2441	0.170494	0.964124	-1.03722	0.858935	0.989355	-1.01631		0.95766	1.00622	1.00622	0.937569	1.07094	1.07094	0.416139	0.930007	-1.07507	0.0	1.30187	1.30187	1.16594	0.251541	0.191769	1
cg14770570	ACOX1;ACOX1;C17orf105		0.419634		0.208197	0.744133	-1.34385	0.960063	0.988909	-1.01122	0.141712	0.70334	-1.42179	0.281226	1.28331	1.28331	0.106846	0.675631	-1.4801		0.333753	0.800872	-1.24864	0.762849	0.934819	-1.06973	0.605897	1.1229	1.1229	0.607055	0.908105	-1.10119	1.16593	0.91604	0.698378	1
cg16495716	DKFZp566F0947		0.419639		0.674912	1.48148	1.48

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477T vs. N)	Fold-Change(477T vs. N)	p-value(353T vs. N)	Fold-Change(353T 537 vs. N)	p-value(527T vs. N)	Fold-Change(527T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg08164373	SOLH		0.420053														0.901024	0.917732	-1.08964	0.339566	1.07225	1.07225	0.119157	2.99908	2.99908	0.121554	3.18405	1.16504	8.78465	6.70243	1		
cg09464028	SAP130;SAP130		0.420056														0.860718	0.847275	-1.18025	0.376123	2.35636	2.35636	0.724494	1.39646	1.39646	0.999061	1.00111	1.00111	14.1503	16.4311	12.5365	1		
cg06539494	DAPK1		0.420061		0.364744	0.744704	-1.34282	0.731438	1.11521	1.11521	0.656837	1.15203	1.15203	0.154533	1.61982	1.61982	0.411249	0.766492	-1.30464		0.0939959	1.79104	1.79104	0.815949	1.07659	1.07659	0.6109	0.8501	-1.17633	0.330163	0.72757	-1.37444	1.16502	1.84833	1.41024	1		
cg19708238	AP1S2;AP3S2;AP1S2		0.420065		0.536357	0.839595	-1.19624	0.828104	1.06417	1.06417	0.240045	0.42085	-2.37032	0.47278	-2.11241	0.21241	0.110731	0.608104	-1.6443		0.2942441	1.36522	1.36522	0.781359	1.08288	1.08288	0.114094	1.63538	0.837547	1.06051	1.06051	1.5101	1.511	1.15287	1		
cg02127560	FLJ22536		0.420067		0.521154	0.878651	-1.13811	0.136689	0.726913	-1.37568	0.125537	0.719059	-1.39071	0.795652	0.949681	-1.05299	0.874121	0.968552	-1.03204		0.161156	0.742514	-1.34678	0.213498	1.29299	1.29299	0.370034	0.83266	-1.20097	0.630577	0.908105	0.10119	0.1601	0.7301	0.557134	1		
cg12087797	PNN		0.420075		0.678373	1.14545	1.14545	0.173684	1.60165	1.60165	0.460499	1.277	1.277	1.277	1.262068	1.4631	1.4631	0.700773	1.1388	1.13389		0.0870982	0.540749	-1.84929	0.681371	1.14379	1.14379	0.406609	0.758008	-1.3182	0.535478	1.22656	1.22656	1.16499	1.95392	1.49084	1		
cg23969515	XYLT2		0.420078		0.271851	2.09641	2.09641	0.174768	2.55288	2.55288	0.461517	1.62167	1.62167	0.404831	1.73347	1.73347	?	?	?		0.75074	1.22763	1.22763	0.258405	2.14562	2.14562	0.206154	0.421146	-2.37448	?	?	?	1.17125	5.84286	4.98857	1		
cg16261198	BRSK2		0.420084		0.631253	0.689342	-1.12443	0.124666	1.49688	1.49688	0.316976	1.27012	1.27012	0.259176	0.928144	-1.07742	0.743239	0.923082	-1.08333		0.119092	0.663509	-1.50724	0.466568	0.935579	-1.06878	0.984986	1.24315	1.2411	0.481317	1.18956	1.18956	1.16497	1.08507	0.827925	1		
cg15806723	SYP		0.420086		0.071965	0.052337	-19.1118	0.212837	0.545218	-1.68618	0.914223	0.856263	-1.17147	0.315941	0.5858	0.4585	0.012201	0.112921	-11.1962		0.111962	0.078684	-12.709	0.126306	0.157495	0.555197	0.416215	-2.4026	0.769472	0.649435	0.5398	1.16497	39.8069	30.3733	1		
cg06836799	ENOX1		0.420091		0.465559	1.12087	1.12087	0.08193362	0.743661	-1.3447	0.768733	1.04635	1.04635	0.526278	0.906049	-1.10369	0.36077	1.1553	1.1553		0.194498	1.23477	1.23477	0.408778	1.13862	1.13862	0.495242	0.88906	-1.11227	0.69546	0.941343	-1.06231	1.66496	0.435593	0.332367	1		
cg27194081	SLC9		0.420097		0.23005	2.33809	2.33809	1.2381	0.857421	1.19043	1.01004	1.04663	1.04663	1.03133	0.655762	1.10152	1.10152	0.116793	1.13817	1.13817		0.6735	0.994189	1.00584	0.991524	0.9663	-1.03488	0.449689	0.879592	-1.13689	1.16494	0.511811	0.390528	1		
cg01433556	SLC19A2		0.420105		0.758659	1.06432	1.06432	0.575895	1.12111	1.12111	0.296834	1.24457	1.24457	0.413556	1.18422	1.18422	0.261256	1.7055	1.7055		0.436023	0.851512	-1.17438	0.85988	0.96489	-1.03649	0.963758	1.05546	0.752027	1.06622	1.06622	1.16493	0.754881	0.576006	1		
cg20995746	CDC20		0.420114		0.258189	0.655177	-1.5263	0.749176	1.11604	1.11604	0.492828	1.26919	1.26919	0.607193	0.837382	-1.1942	0.388208	1.15348	1.15348		0.822084	0.962581	-1.03907	0.938205	1.40187	1.40187	0.656396	0.477415	-2.09461	0.692315	0.872734	-1.14582	1.16491	2.16112	1.64905	1		
cg00938887	NTATSF1;HTATSF1		0.420117		0.222338	0.675123	-2.6503	0.867923	1.1357	1.1357	0.959092	1.0394	1.0394	1.03942	0.996	1.06332	0.83608	0.926221	0.681594	-2.42958		0.291837	0.43336	-2.30755	0.934377	1.05541	1.05541	0.607831	1.48547	1.48547	0.876894	1.12585	1.12585	1.1649	10.7839	8.22875	1		
cg13191789	SYNM;SYNM2		0.420126		0.924268	0.972381	-1.0284	0.234276	1.1438	1.1438	0.76592	1.09164	1.09164	0.785838	1.08353	1.08353	0.203861	1.48442	1.48442		0.215181	1.46859	1.46859	0.197164	0.66398	-1.50602	0.316176	0.736931	-1.35698	1.16488	1.60082	1.22154	1		
cg17366563	ZNF696		0.420132		0.293017	0.503663	-1.98543	0.172443	0.724814	1.72481	0.462386	1.47275	1.47275	0.233007	1.76802	1.76802	0.42056	0.687394	-1.45506		0.60772	1.2661	1.2661	0.43295	0.803119	-1.24515	0.671954	0.822357	-1.21422	0.163082	0.507418	0.97076	1.16487	3.8095	2.92332	1		
cg04223256	C14orf156;ALKBH1		0.420133		0.420108	0.754964	-1.32457	0.34205	1.39663	1.39663	0.198254	1.5904	1.5904	0.31268	0.700213	-1.42814	0.471939	0.779049	-1.28362		0.262263	1.49016	1.49016	0.222244	1.54919	1.54919	0.276217	1.47182	1.47182	0.597912	1.19916	1.19916	1.16487	2.48294	1.63932	1		
cg16702896	KBTBD11		0.420137		0.612984	0.602863	-1.65875	0.072399	1.70397	2.30912	0.094526	6.19226	6.19226	0.661673	0.646043	-1.54788	0.519403	0.515605	-1.93947		0.933703	1.08005	1.08005	0.663964	1.34295	1.34295	0.451261	0.460858	-2.14152	0.990202	1.01226	1.01226	1.16486	18.5605	13.8581	1		
cg00942884	MAPKAPK3		0.420139		0.601525	1.12182	1.12182	0.275575	1.11139	1.11139	0.964631	1.00925	1.00925	0.842953	0.957646	-1.04423	0.548923	1.14347	1.14347		0.637764	-1.56798	0.15729	1.38092	1.38092	0.854009	0.96061	-1.04103	0.608891	1.11917	1.11917	1.16486	0.878165	0.670117	1		
cg09094631	NCOR2;NCOR2		0.420143		0.862781	0.936012	-1.06836	0.666475	1.18028	1.18028	0.06195533	2.23325	2.23325	0.939663	0.971477	-1.02936	0.634655	0.83278	-1.2008		0.562342	0.799382	-1.25097	0.237405	1.60502	1.60502	0.104897	1.96877	1.96877	0.94576	1.02635	1.02635	1.16485	2.69569	2.05707	1		
cg18011872	KIFC1		0.420145		0.749081	0.928777	-1.07656	0.393737	0.912097	-1.09617	0.766384	1.06354	1.06354	1.06354	1.063	1.06354	1.038506	0.889891	-1.44971	0.829337	0.952541	-1.05082		0.315653	0.786864	-1.27123	0.31929	1.4829	1.4829	0.23246	1.34548	1.34548	0.62243	1.12115	1.12115	1.16459	0.974298	0.638629	1		
cg01002653	ATG4B;THAP4;ATG4B		0.420146		0.424009	0.92022	-1.0867	0.324272	1.10922	1.10922	0.54116	1.06501	1.06501	0.455267	0.925484	-1.08052	0.128582	1.18205	1.18205		0.15508	1.16758	1.16758	0.495476	1.07302	1.07302	0.157244	1.16876	1.16876	0.516644	1.06925	1.06925	1.16484	0.191279	0.145965	1		
cg18751588	TFCP2		0.420149		0.947273	0.943473	-1.06015	0.542151	0.934556	-1.07048	0.145261	0.934556	0.934556	0.626862	0.934556	0.626862	0.14291	1.1548	1.1548	0.08822	1.0803	0.879931	0.911945	-1.09677	0.482922	0.485405	-2.01855	0.607202	0.729414	-1.36535	0.0158548	5.16035	5.4844	0.0004	2.89549	2.56112	1		
cg18044963	SRRM3		0.420149		0.148305	0.558297	-1.79116	0.0350357	0.397238	-2.51738	0.784679	0.902171	-1.10844	0.128241	0.538985	-1.85534	0.889733	0.949192	-1.05353		0.435416	0.741468	-1.34868	0.797176	0.907729	-1.10165	0.858325	0.935041	-1.06947	0.551291	0.797247	-1.25432	1.16483	2.60669	1.98918	1		
cg08769276	UPF2;UPF2;UPF2;UPF2		0.420162		0.78216	1.09705	1.09705	0.673141	0.867809	-1.15233	0.749451	1.11301	1.11301	0.405035	0.752245	-1.32935	0.491244	0.768267	-1.30163		0.559636	0.82108	-1.21791	0.265574	1.47357	1.47357	0.042323	2.18469	2.18469	0.792122	0.915517	-1.09228	1.16481	2.06004	1.57206	1		
cg00489856	FIGLA		0.420172		0.408178	0.8952	-1.11688	0.0975	0.748437	-1.33586	0.0175	-1.78602	0.02685	1.16805	0.02685	-1.78602	0.02685	1.16805	1.16805		0.519007	0.552926	-1.80859	0.0175	0.833124	-1.20027	0.254539	0.64183	-1.55806	0.0175	0.64183	1.16481	0.0175	0.0175	0.0175	1		
cg14691671	RECQL5;LOC100130933		0.420173		0.245577	2.84254	2.84254	0.585985	1.60495	1.60495	0.996887	0.998801	0.998801	-1.0012	0.314305	2.44763	2.44763	0.386208	2.14707	2.14707		0.256664	2.77011	2.77011	0.0446108	7.26823	7.26823	0.153654	3.7212	3.7212	0.208986	3.12428	3.12428	1.16478	13.6501	10.4169	1		
cg22784592	IDH3G;SIM4;IDH3G		0.420185		0.058429	0.681514	-1.4674	0.043387	1.16573	1.16573	0.813753	1.0099	1.0099	1.18709	0.837551	1.18709	0.227151	1.21239	1.21239		?	?	?	?	?	?	?	?	?	0.840348	0.751599	1.1305	0.9871	28.2805	24.1594	1		
cg19456951	PCSK1		0.420195		0.39644	1.47313	1.47313	0.953486	0.974313	-1.02636	0.707102	0.040685	-2.45893	0.593354	1.27182	1.27182	0.76821	1.14045	1.14045		0.966066	0.981201	-1.01916	0.903484	1.05561	1.05561	0.297215	0.839938	-1.19056	0.0870134	1.32351	1.32351	1.16474	1.67111	2.80167	1		
cg00323501	TMPRSS6		0.420196		0.238306	0.538772	-1.85607	0.616096	0.77637	-1.28805	0.509369	0.715234	-1.39834	0.34143	1.63019	1.63019	0.247231	0.545641	-1.83271		0.688127	0.817061	-1.2239	0.0597475	0.345163	-2.89718	0.648682	1.25819	1.25819	0.589713	1.31337	1.31337	1.16474	4.62494	3.5296	1		
cg00045890	FAM65B;FAM65B		0.420206		0.307956	0.7149	-1.39895	0.214199	0.737483	-1.3562	0.32849	0.737483	0.737483	-1.3562	0.32849	0.737483	-1.3444	0.646444	0.737483	-1.3562		0.157836	0.827553	-1.20834	0.421532	1.08491	1.08491	0.163706	0.70962	-1.40955	0.0236	0.70962	-1.40955	1.70962	1.70962	1.70962	1		
cg18250677	CYFIP1;CYFIP1		0.420215		0.0956396	0.212875	-4.69759	0.419235	0.493666	-2.02566	0.648567	0.678542	-1.47375	0.941076	1.06447	1.06447	0.272849	0.184269	-5.42685		0.303026	0.404258	-2.47367	0.0947476	0.211816	-4.72107	0.714684	0.733218	-1.36385	0.537898	0.590286	-1.69409	1.1647	13.1765	10.0562	1		
cg22602880	GCUA		0.420215		0.895766	1.05453	1.05453	0.714251	0.918494	1.18384	1.18384	0.884088	0.955456	1.04662	1.04662	1.076978	0.753387	1.12734	1.12734	0.0892112	1.08073	1.14725	1.14725	0.0466405	0.479842	-2.08794	0.0477125	1.06456	1.06456	0.0267104	-1.42517	0.844446	0.0267104	1.06456	1.06456	1.16474	0.0267104	0.0267104	1		
cg11905488	CLEC12A;CLEC12A		0.420217		0.516623	1.56431	1.56431	0.199488	0.397573	-2.51526	0.188291	0.387292	-2.58203	0.922302	1.06863	1.06863	0.649527	0.732499	-1.36519		0.892817	0.912351	-1.09607	0.297336	2.08582	2.08582	0.120785	3.14204	3.14204	0.506638	1.58165	1.58165	1.16469	0.454051	0.631809	1		
cg12569246	FILIP1		0.420238		0.34027	0.651105	-1.53585	0.699369	0.844155	-1.18462	0.0697545	0.412533	-2.42405	0.788765	1.1	1.12439	0.172502	0.610747	-1.63734		0.466706	0.723707	-1.38177	0.16782	0.526341	-1.89991	0.336428	0.648741	-1.54145	0.347392	1.52565	1.52565	1.16465	3.51599	2.68349	1		
cg11732642	SOX9		0.420246		0.351	0.42844	-2.33333	0.0675	0.675905	-1.47952	0.0675	-1.78602	0.02685	1.16805	0.02685	1.16805	0.02685	1.16805	1.16805		0.519007	0.552926	-1.80859	0.0175	0.833124	-1.20027	0.254539	0.64183	-1.55806	0.0175	0.64183	1.16481	0.0175	0.0175	0.0175	1		
cg13902180	KIAA1522		0.420247		0.997338	0.998776	-1.00123	0.0434646	2.34551	2.34551	0.500747	1.28519	1.28519	0.671338	1.16964	1.16964	0.796703	0.909573	-1.09942		0.358616	1.4142	1.4142	0.702511	0.868589	-1.15129	0.127836	1.83017	1.83017	0.257661	1.54292	1.54292	1.16463	2.48618	1.89755	1		
cg27622670	SON;DOT		0.420255		0.828353	1.21477	1.21477	0.194798	0.292981	-3.41319	0.227754	0.321852	-3.10606	0.493828	1.86263	1.86263	0.79285	0.790145	-1.26559		0.291116	2.66095	2.66095	0.7926	1.35603	1.35603	0.0959257	1.51886	1.51886	0.562726	1.68848	1.68848	1.16461	1.94795	1.12805	1		
cg19352208	PAX3;PAX3;PAX3		0.420258		0.387907	0.456564	-2.19422	0.300324	0.385752	-2.59234	0.0597363	0.147893	-6.76231	0.660791	1.68234	1.68234	0.402772	0.765885	-2.06216		0.65559	1.48686	1.48686	0.19267	0.397638	-3.35978	0.0872	0.868604	-1.15137	0.527318	1.76157	1.76157	1.18633	14.1026	9.39669	1		
cg16952688	CDKSHA2;CDKSHA2		0.420264		0.580621	1.34155	1.34155	0.495337	0.855406	-1.16904	0.0598154	1.01268	1.01268	0.660111	0.904994	-1.10498	0.040266	0.7906	-1.70662		0.108241	1.48479	1.48479	0.196919	1.07902	1.07902	0.759707	1.07165	1.07165	0.652743	1.10757	1.10757	1.16459	0.938559	0.716366	1		
cg05139521	RIMS4		0.420267		0.30486	0.673121	-1.48562	0.107073	0.92577	-1.92577	0.40004	0.727527	-1.37453	0.411214	0.711228	-1.36756	0.439196	0.745342	-1.34167		0.205721	0.608169	-1.64428	0.249458	0.63865	-1.5658	0.915883	1.04014	1.04014	0.386729	0.718542	-1.39171	1.16459	2.55968	1.95371	1		
cg25372881	RPAP2;GLMN		0.420279		0.376507	0.8195	-1.22026	0.0977	0.844128	1.16328	1.16328	0.130072	0.921277	-1.08546	0.742161	0.2006	-1.34707	0.0732134	0.0592041	-16.8853		0.646403	0.74823	-1.33662	0.0977	0.777805	0.927393	-1.07828	0.465187	1.21929	1.21929	1.16458	0.0977	0.0977	0.0977	0.0977	1		
cg03768517	MIOS		0.420277		0.373046	0.876181	-1.14132	0.0658546	1.3476	1.3476	0.882742	0.978893	-1.02156	0.75441	1.05045	1.05045	0.169837	0.809489	-1.23535		0.560002	0.923584	-1.08274	0.353229	0.870136	-1.14806	0.617471	1.0755	1.0755	0.801457	1.03709	1.03709	1.16456	0.385361	0.294138	1		
cg14823666	RUFY2;RUFY2		0.420286		0.541716	1.14238	1.14238	0.404707	0.967443	-1.15281	0.323971	0.81862	1.81862	?	?	?	?	?	?		0.950586	0.965095	-1.03617	0.836997	0.974455	-1.3487	0.0538554	0.931563	0.931563	0.24068	1.46104	1.46104	1.16452	1.84995	1.29182	1		
cg14107346	DUSP1		0.420297		0.218597	0.312307	-3.20198	0.568014	1.6804	1.6804	0.0800104	0.107102	0.406681	-2.45893	0.593354	1.27182	1.27182	0.76821	1.14045	1.14045		0.228173	0.320597	-3.11919	0.820402	0.815064	1.2269	0.825195	1.22011	1.22011	0.812551	1.23862	1.23862	1.16452	1.64181	1.31871	1		
cg06896770	DOCK7		0.420301		0.827958	0.857505	-1.16617	0.897	1.09579	1.09579	0.580607	1.48315	1.48315	0.0654148	0.232063	-4.30917	0.0859737	0.261794	3.8198		0.330597	0.492087	-2.03216	0.95704	1.03878	1.03878	0.244783	0.423412	-2.36177	0.695716	0.757578	-1.32	1.16451	9.20151	7.02364	1		
cg22083199	FVS1L;FVS1L		0.420302		0.307956	0.7149	-1.39895	0.214199	0.737483	-1.3562	0.32849	0.737483	0.737483	-1.3562	0.32849	0.737483	-1.3444	0.646444	0.737483	-1.3562		0.157836	0.827553	-1.20834	0.421532	1.08491	1.08491	0.163706	0.70962	-1.40955	0.0236	0.70962	-1.40955	1.70962	1.70962	1.70962	1		
cg04039461	GLI2		0.420323		0.487532	0.782467	-1.27801	0.435269	0.758172	-1.31896	0.590236	0.827733	-1.20812	0.135117	0.571104	-1.751	0.041038	0.440442	2.27045		0.72034	1.13118	1.13118	0.81455	1.08515	1.08515	0.207234	0.629672	-1.58813	0.632882	0.845888	-1.18219	1.16446	2.23067	1.70278	1		
cg11209561	SLC22A8		0.420331		0.835807	1.09522	1.09522	0.999483	1.10091	1.10091	0.428762	0.700749	-1.42505	0.84497	0.912595	-1.09578	0.018809	0.348533	2.86217		0.432641	0.70907	-1.41026	0.366521	0.667011	-1.49923	0.990603	0.679984	-1.47052	0.375802	1.16459	1.16445	1.16445	0.93995	2.70614	1		
cg04122918	DPF3		0.420334		0.279808	0.617124	-1.62049	0.415136	0.568757	-1.75822	0.190407	0.54848	-1.82348	0.761609	1.22892	1.22892	0.124254	0.42503	-2.42503		0.445084	0.550147	-1.69449	0.163079	0.364722	-2.74181	0.200498	0.400888	-2.49945	0.519011	0.642175	-1.55721	1.16444	8.46447	6.46164	1		
cg21057738	JMJD1C;JMJD1C		0.420352		0.529778	1.13399	1.13399	0.831132	0.861865	-1.16009	0.420376	1.17544	1.17544	0.600509	1.11017	1.11017	0.861865	0.966181	1.0395		0.975194	0.993877	-1.00616	0.0337564	1.63192	1.63192	0.188418	1.31693	1.31693	0.189693	1.31576	1.31576	1.16444	0.71969	0.549383	1		
cg22398359	SLC4A7		0.420353		0.814959	1.04899	1.04899	0.772515	1.13165	1.13165	0.532216	1.53216	1.53216	0.226836	1.16978	1.16978	0.228937	1.43683	1.43683		0.676536	1.13908	1.13908	0.466844	1.3625	1.3625	0.226839	1.43683	1.43683	0.226839	1.43683	1.43683	1.16443	0.952502	0.648871	0.88821	1		
cg09415639	TRPA1		0.420354		0.294477	0.841085	-1.18894	0.0950774	1.33902	1.33902	0.237149	1.2179	1.2179	0.79443	1.04244	1.04244	0.568253	0.912289	-1.09614		0.399695	1.14708	1.14708	0.476123	0.891076	-1.12224	0.55182	0.908632	-1.10056	0.327565	1.17452	1.17452	1.1644	0.467193	0.356648	1		
cg03603067	CSNK1G2		0.420360		0.306866	0.805323	-1.24174	0.559013	0.896003	-1.11607	0.988398	0.990705	-1.00298	0.823953	0.955421	-1.04666	0.613039	1.11002	1.11002		0.618213	1.10831	1.10831	0.047725	1.58023	1.58023	0.0158866	-1.0429	-2.01227	0.764213	1.30853	1.16437	0.772515	0.589742	1		
cg02770724	STX1A;STX1A		0.420362		0.697355	0.85227	-1.17334	0.662287	0.739632	-1.35132	0.25932	0.35932	0.527636	1.29921	1.29921	0.363488	0.682494	-1.46521	0.689055	1.17883	1.17883		0.851003	0.70995	1.07995	0.240935	1.65225	1.65225	0.545517	0.778615	-1.28433	0.314513	0.653482	1.53027	1.16437	1.08531	2.35535	1		
cg24938743	FARP1		0.420371		0.10691	1.62781	1.62781	0.213041	1.43767	1.43767	0.334599	0.759213	-1.31715	0.533187	1.19091	1.19091	0.783343	1.07929	1.07929		0.588753	1.16312	1.16312	0.0798075	1.71283	1.71283	0.77484	0.92369	-1.08261	0.742255	1.09566	1.09566	1.16437	1.41316	1.07882	1		
cg25237307	GTF9B'5		0.420375		0.578618	1.14511	1.14511	0.4819	1.14014	1.14014	0.74782	1.61839	1.18282	1.18282	0.515677	1.4594	1.4594	0.459433	1.19306	1.19306	0.0992	1.11002	1.11002	1.11002	1.11002	1.11002	1.11002	1.11002	1.11002	1.11002	1.16437	1.11002	1.11002	1.11002	1.11002	1.11002	1.11002	1		
cg21206397	CDC14A;CDC14A;CDC14A		0.420385		0.127193	0.55142	-1.8135	0.127412	1.81278	1.81278	0.831446	0.925965	-1.07995	0.96903	0.980088	-1.01411	0.403952	0.73478	-1.36095		0.190186	0.606121	-1.64983	0.434124	0.749755	-1.33377	0.900762	0.955979	-1.04605	0.291287	0.673562	-1.48464	1.16434	2.40145	1.83334	1		
cg16033613	ZIC5		0.420388		0.13938	0.889574	-1.12414	0.0496381	0.576568	-1.73465	0.0175	0.16566	6.03616	0.0175	0.16566	6.03616	0.0175	0.16566	6.03616		0.0175	0.16566	6.03616	0.0175	0.16566	6.03616	0.0175	0.16566	6.03616	0.0175	0.16566	6.03616	0.0175	0.16566	6.03616	0.0175	0.16566	6.03616	1		
cg11448097	POLR3B;POLR3B		0.42039		0.207213	1.22335	1.22335	0.940012	0.988658	-1.01147	0.396311	1.14071	1.14071	0.540461	1.08847	1.08847	0.134692	1.2769	1.2769		0.609176	1.08129	1.08129	0.165357	1.25141	1.25141	0.172055	0.802263	-1.24647	0.874668	0.97636	-1.02421	1.16432	0.423501	0.323385	1		
cg05237185	RFWD3		0.420391		0.829904	0.955545	-1.04652	0.861139	1.0377	1.0377	0.13624	1.40407	1.40407	0.733454	0.930299	-1.07492	0.382422	1.20845	1.20845		0.600553	1.18115	1.18115	0.0677248	0.648843	-1.54121	0.891795	0.971641	-1.02919	0.353306	1.22369	1.22369	1.16432	0.823884	0.628985	1		
cg14106933	SPATS2;SPATS2L;SPATS2L;SPATS2L		0.420392		0.115334	0.609407	-1.64055	0.0795645	0.757157	-1.32076	0.0601703	0.411125	-2.43235	0.0139453	0.874952	-1.14292	0.0373116	0.194523	-5.14192		0.0870982	0.540749	-1.84929	0.0681371	0.14379	0.14379	0.0406609	0.758008	-1.3182	0.0535478	0.12656	0.12656	1.16429	4.38052	3.34427	1		
cg08117110	STARD5		0.420394		0.0891029	0.1478	-6.76589	0.939966	1.07983	1.07983	0.693706	0.667902	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(5 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg06350704	PARL;PARL;PARL;PARL	0.420798	0.750058	0.703189	-1.26073	0.593602	1.43374	1.43374	0.676325	1.32394	1.32394	0.100812	0.300288	-3.31814	0.654221	0.739656	-1.35198	0.230504	2.19369	2.31969	0.832451	1.15224	1.15224	0.197786	0.402295	-2.48574	0.263805	2.17926	2.17926	1.16346	8.24463	6.29883	1
cg14159818	C20orf27	0.420803	0.242467	0.790322	-1.26531	0.733963	1.06782	1.06782	0.511508	1.13665	1.13665	0.137292	0.735008	-1.36053	0.322196	0.821418	-1.21741	0.311489	0.817566	-1.22314	0.089157	0.697403	-1.43389	0.737128	0.937251	-1.06695	0.637186	1.09569	1.09569	1.16345	0.681867	0.520954	1
cg05163510	RPS6KB2	0.420809	0.20757	0.684789	-1.4603	0.199959	0.679917	-1.47077	0.142494	0.638153	-1.56702	0.741144	0.09906	0.09906	0.225082	0.695559	-1.43769	0.287981	0.730284	-1.36933	0.278863	1.37823	1.37823	0.772678	0.920786	-1.08603	0.427175	0.793742	-1.25985	1.16344	1.4959	1.14289	1
cg14139977	GPI1BE;SEPT5	0.420811	0.368225	1.83244	1.83244	0.928876	0.939402	-1.06451	0.539631	0.647377	-1.5447	0.823829	0.593229	-1.06926	0.25722	2.28861	2.28861	0.160219	2.28861	2.28861	0.885984	3.7755	3.7755	0.117851	3.28419	3.28419	0.634653	1.39821	1.39821	1.16344	9.03437	6.90244	1
cg05660874	SPPL2B;SPPL2B	0.420816	0.862675	1.05241	1.05241	0.531239	0.829328	-1.2058	0.440161	1.26122	1.26122	0.447963	0.795972	-1.25633	0.475203	0.512317	-1.95192	0.27553	1.39754	1.39754	0.929389	1.0265	1.0265	0.486416	0.811661	-1.23204	0.528974	1.20707	1.20707	1.16342	1.60425	1.22569	1
cg00353923	LRRC4;SND1	0.420822	0.176762	1.71198	1.71198	0.606234	1.21493	1.21493	0.778952	1.11111	1.11111	0.816623	1.09087	1.09087	0.404561	1.72663	-1.17622	0.303413	0.6709	-1.49054	0.159874	0.560889	-1.75473	0.168249	0.570063	-1.73291	0.412521	0.730726	-1.3685	1.16341	2.58336	1.97378	1
cg17482391	RBM15	0.420826	0.963212	1.0059	1.0059	0.38542	0.89269	-1.12021	0.419573	0.900138	-1.11094	0.959007	0.993464	-1.00658	0.650031	0.943395	-1.06	0.832553	0.967978	-1.03308	0.07594564	0.733715	-1.35627	0.482143	0.882473	-1.13305	0.329501	1.1673	1.1673	1.16338	0.435379	0.332655	1
cg05698615	RARG2;ORC3L;ORC3L	0.420828	0.864633	1.02658	1.02658	0.551506	1.09704	1.09704	0.915365	1.21067	1.21067	0.266512	0.856975	-1.16294	0.909402	0.982654	-1.01765	0.832553	0.967978	-1.03308	0.07594564	0.733715	-1.35627	0.482143	0.882473	-1.13305	0.329501	1.1673	1.1673	1.16338	0.435379	0.332655	1
cg00278904	SMYD3;SMYD3	0.420841	0.361795	0.492526	0.02324	0.626393	1.44601	1.44601	0.885941	1.49772	1.49772	0.561956	1.7795	0.026182	0.137236	-1.72675	0.328621	0.817076	0.807441	-1.24	0.113294	0.533995	0.622811	-1.60562	0.251983	0.406718	-2.45871	1.16337	10.413	7.95622	1
cg25167838	SHH	0.420854	0.550532	1.66865	1.66865	0.62324	1.52159	1.52159	0.307243	2.44983	2.44983	0.99166	1.0089	1.0089	0.133296	0.25338	-3.94663	0.332917	2.33199	2.33199	0.183476	0.302293	-3.30805	0.62453	1.51918	1.51918	0.248255	2.78213	2.78213	1.16334	13.245	10.1172	1
cg08179907	RAB39	0.420862	0.240802	1.83054	1.83054	0.929	0.939402	-1.06451	0.539631	0.647377	-1.5447	0.823829	0.593229	-1.06926	0.25722	2.28861	2.28861	0.576986	1.08893	1.08893	0.672351	1.06643	1.06643	0.422099	0.683441	-1.11194	0.159025	1.25556	1.25556	1.16332	0.421183	0.321825	1
cg00759699	DNASE2	0.420872	0.088919	0.59185	-1.68962	0.462606	0.528607	-1.89176	0.273764	0.727616	-1.37435	0.998274	0.999396	-1.0006	0.279403	0.730537	-1.36886	0.442704	0.8037	-1.24425	0.710977	0.901299	-1.10951	0.282272	0.732009	-1.3661	0.619591	0.869598	-1.14996	1.16331	1.43623	1.09744	1
cg21326506	ISR68	0.420873	0.149834	0.37957	-2.6741	0.260702	0.473625	-2.11137	0.375365	0.560115	0.56535	0.880305	0.09189	1.09189	0.044224	0.229368	-4.3598	0.945455	0.657347	-1.04455	0.34204	0.25	0.25	0.083283	0.466298	-2.14225	0.309621	0.511796	-1.9539	1.1633	7.47766	5.73174	1
cg03115490	MAP3K1	0.420880	0.832247	0.977836	-1.02267	0.248941	1.13579	1.13579	0.687145	1.04453	1.04453	0.401734	0.103314	1.03314	0.965806	1.00454	1.00454	0.658293	0.954057	-1.04816	0.171587	0.837451	-1.16625	0.125147	0.839127	-1.19171	0.172157	1.16598	1.16598	1.16329	0.205708	0.157185	1
cg26500080	AIPL1;AIPL1;AIPL1	0.420892	0.536148	1.19675	1.19675	0.132943	1.59167	1.59167	0.253821	1.42786	1.42786	0.43762	1.25484	1.25484	0.915195	1.01743	1.01743	0.935848	0.977185	-1.02285	0.742358	0.71458	-1.40004	0.241902	0.744853	-1.34269	0.144369	1.14369	1.16326	1.16326	1.51435	1.15717	1
cg03183514	MIR1182;FAM89A	0.420896	0.958694	1.08004	-1.01996	0.193364	1.69537	1.69537	0.053765	2.58128	2.58128	0.032765	2.5318	0.039511	0.064253	2.12116	2.12116	0.164963	2.12116	2.12116	0.065005	2.12116	2.12116	0.065005	2.12116	2.12116	0.065005	2.12116	2.12116	1.16326	2.68317	2.05002	1
cg21521224	SLC8A3;SLC8A3;SLC8A3;SLC8A3	0.420905	0.26726	0.820085	-1.21939	0.961868	0.991829	-1.00824	0.146246	0.765163	-1.30691	0.101782	0.735356	-1.35989	0.509272	1.12176	1.12176	0.384412	0.858085	-1.16539	0.402379	0.863228	-1.15844	0.507016	0.890896	-1.12246	0.331335	1.18769	1.18769	1.16324	0.542611	0.414637	1
cg13883576	HEBP1;HTR7P	0.420911	0.407765	1.42193	1.42193	0.232136	0.559327	-1.68541	0.266264	0.637805	-1.61863	0.945963	0.028558	1.02858	0.782627	0.891416	-1.12181	0.247479	1.65308	1.65308	0.500445	1.3283	1.32883	0.495038	1.33377	1.33377	0.12459	0.500982	-1.19908	1.16322	3.18345	2.43266	1
cg27376514	MPRIP;MPRIP	0.420916	0.961843	0.980008	-1.0204	0.923963	0.966087	-1.03501	0.832765	1.04229	1.04229	0.296649	0.219469	1.21942	0.499222	1.33572	-1.35126	0.236939	1.68715	1.68715	0.083402	2.26784	2.26784	0.459867	1.73787	1.73787	0.041617	0.969555	-1.0314	1.1632	3.28259	2.50843	1
cg24680602	ZNF232;ZNF232	0.420919	0.845608	0.960202	-1.04145	0.990605	0.99755	-1.00246	0.133105	0.713519	-1.4015	0.114806	0.699608	-1.42937	0.644979	0.907876	-1.10147	0.963762	0.99058	-1.00951	0.144589	0.721491	-1.38602	0.220721	1.3076	1.3076	0.911696	0.977156	-1.02338	1.1632	0.799441	0.61091	1
cg13486491	SPG20	0.420921	0.649184	0.782253	-1.2049	0.227423	0.706304	-1.29988	0.320163	0.576472	-1.73469	0.028375	0.40488	2.47009	0.945188	1.03795	1.03795	0.953968	0.96952	-1.03144	0.9232	1.05007	1.05007	0.407023	1.08344	1.08344	0.295715	1.40726	1.40726	0.5918	1.13677	1.13677	1.16332	5.29713	4.04793	1
cg02081302	RNASE8	0.420921	0.086039	0.66095	-1.51297	0.102409	0.676955	-1.4772	0.07029	0.704266	0.642967	-1.55529	0.579842	0.885089	-1.12983	0.612419	0.894472	-1.11798	0.837345	0.14589	0.816099	0.950418	-1.05217	0.481553	0.855424	-1.16901	0.918008	0.978016	-1.02248	1.1632	0.877837	0.670821	1
cg06385227	EN2	0.420926	0.460968	0.661661	-1.51093	0.765599	0.728581	-1.37253	0.853455	0.964165	-1.03705	0.743826	0.154536	-1.34534	0.288621	0.564557	-1.7709	0.660832	0.78501	-1.27387	0.020995	0.223472	-4.47494	0.697048	0.880657	-1.13592	0.127976	0.457355	-2.18648	1.16319	5.37077	4.23132	1
cg02556940	SERINC4;SERINC4;C15orf63	0.42093	0.851672	0.884495	-1.13059	0.0649676	1.89168	1.89168	0.280059	2.08817	2.08817	0.858845	1.12381	1.12381	0.124102	0.335573	2.97997	0.461203	1.6354	1.6354	0.945898	1.0455	1.0455	0.798349	0.845464	-1.18278	0.869086	0.897483	-1.11423	1.16318	7.92062	6.05284	1
cg14538315	STRBP;STRBP;STRBP	0.420933	0.542196	0.5711	-1.75101	0.361454	2.34377	2.34377	0.274808	2.80569	2.80569	0.463055	0.507519	-1.97037	0.193389	0.215578	-4.6387	0.473819	0.516109	-1.93757	0.975102	1.02874	1.02874	0.137067	0.233626	-4.28035	0.400409	0.457699	-2.18484	1.16318	15.1873	11.606	1
cg16446690	SLC39F5	0.420941	0.863589	0.904264	0.47932	0.766087	1.27212	1.27212	0.846429	1.06711	1.06711	0.417178	1.27759	1.27759	0.083422	2.22539	2.22539	0.761184	1.10741	1.10741	0.734025	1.12091	1.12091	0.659782	1.85379	1.85379	0.042804	2.68317	2.68317	1.16325	2.66312	1.70395	1
cg04653021	DIRC2	0.420942	0.868576	1.06376	1.06376	0.115476	0.528015	-1.89389	0.301718	1.49082	1.49082	0.490834	1.29847	1.29847	0.516281	0.782216	-1.27842	0.345024	0.695601	-1.43761	0.0957313	0.505141	-1.97965	0.564442	0.804593	-1.24286	0.992445	1.00354	1.00354	1.16316	2.5659	1.96087	1
cg19359929	TPRG1L	0.420961	0.460108	1.77115	1.77115	0.154955	1.65179	1.65179	?	?	?	?	?	?	?	?	?	0.9269	1.07224	1.07224	0.233901	2.58189	2.58189	0.281364	0.426993	-2.34196	0.131211	3.45078	3.45078	1.16383	6.93444	8.13305	1
cg26968803	RUNX1T1;RUNX1T1;RUNX1T1;RUNX1T1	0.420962	0.768476	1.06841	1.06841	0.127745	0.691341	-1.44646	0.86139	1.03995	1.03995	0.788832	1.06302	1.06302	0.335234	1.25943	1.25943	0.805505	1.05686	1.05686	0.0455805	1.67176	1.67176	0.977446	1.00636	1.00636	0.756316	1.07227	1.07227	1.16311	0.925566	0.707347	1
cg01343084	FGD1	0.420964	0.103192	0.402701	-2.48321	0.183202	0.837032	-1.19477	0.474209	0.688799	-1.45074	0.468238	0.22047	-4.53647	0.949237	1.03795	1.03795	0.118455	0.421095	-2.37434	0.0098	0.393762	-2.53977	0.178189	0.380186	1.00694	0.68333	1.23279	1.23279	1.16311	4.79643	3.6656	1
cg02050028	HECW1	0.420969	0.391405	1.69258	1.69258	0.314844	1.8648	1.8648	0.547147	1.44091	1.44091	0.412611	1.65238	1.65238	0.977173	1.0173	1.0173	0.378774	1.7184	1.7184	0.0480037	2.57092	2.57092	-3.87758	0.700244	0.792997	-1.26104	0.99137	0.993536	-1.00651	1.1631	6.62717	5.06058	1
cg12709412	C18orf8	0.420973	0.543252	1.61055	1.61055	0.576599	0.728581	-1.37253	0.853455	0.964165	-1.03705	0.743826	0.154536	-1.34534	0.288621	0.564557	-1.7709	0.660832	0.78501	-1.27387	0.020995	0.223472	-4.47494	0.697048	0.880657	-1.13592	0.127976	0.457355	-2.18648	0.58319	0.537077	4.23132	1
cg00743925	RASSF1;RASSF1;RASSF1;RASSF1	0.420977	0.932108	0.977641	-1.02287	0.236984	0.719785	-1.3893	0.835345	1.05679	1.05679	0.247718	1.37811	1.37811	0.0974093	0.6171113	-1.62045	0.381435	1.26901	1.26901	0.436536	0.81006	-1.23448	0.958862	0.986404	-1.01378	0.238015	0.720354	-1.38821	1.16308	0.29734	0.991498	1
cg22924585	LOC113230	0.420982	0.081978	0.739611	-1.35206	0.450663	1.12783	1.12783	0.64079	1.07632	1.07632	0.536315	1.10297	1.10297	0.985377	0.997136	-1.00287	0.559548	0.991506	-1.00857	0.472157	1.12127	1.12127	0.457826	1.12561	1.12561	0.0946611	1.33393	1.33393	1.16307	0.451227	0.344855	1
cg05764607	GSTCD;INTS12;GSTCD;INTS12	0.420986	0.965677	1.03403	1.03403	0.785599	0.728581	-1.37253	0.853455	0.964165	-1.03705	0.743826	0.154536	-1.34534	0.288621	0.564557	-1.7709	0.660832	0.78501	-1.27387	0.020995	0.223472	-4.47494	0.697048	0.880657	-1.13592	0.127976	0.457355	-2.18648	0.58319	0.537077	4.23132	1
cg16476800	RBM47;RBM47	0.42099	0.833569	0.819654	-1.22003	0.0571275	2.95346	2.95346	0.115275	5.15085	5.15085	0.787476	0.774586	-1.29101	0.758093	0.74673	-1.33917	0.773778	1.31316	1.31316	0.537343	0.553596	-1.80637	0.648191	0.647564	-1.54425	0.592959	0.60014	-1.66628	1.18468	16.4006	10.7674	1
cg18174221	FBXO39	0.421001	0.166061	0.64561	-1.54902	0.353807	1.59827	1.59827	0.53564	1.51091	1.51091	0.881826	1.02655	1.02655	0.935622	1.07325	1.07325	0.687571	1.33824	1.33824	0.854047	1.33934	1.33934	0.139446	1.55772	1.55772	0.0444758	2.72429	2.72429	1.16307	0.956334	0.8009	1
cg08831401	PRDM16;PRDM16	0.421008	0.33149	0.600841	-1.66433	0.0825884	0.762575	-1.65781	0.06441	0.347714	-2.87592	0.603696	0.76949	-1.29956	0.606318	0.767743	-1.30252	0.825444	0.893771	-1.11885	0.657193	1.25501	1.25501	0.911555	1.04491	1.04491	0.505137	1.41032	1.41032	1.16302	4.76158	3.63926	1
cg18056695	KL	0.421015	0.731601	0.848642	-1.17835	0.486124	1.40121	1.40121	0.844337	0.910551	-1.09824	0.0734872	0.386273	-2.58884	0.652301	1.24135	1.24135	0.336656	1.60352	1.60352	0.365449	1.55776	1.55776	0.341279	1.59589	1.59589	0.289976	0.592439	-1.68794	1.163	4.18509	3.19869	1
cg06464174	SIK3	0.421016	0.627884	1.49131	1.49131	0.242128	0.861125	1.16095	0.315313	1.28159	1.28159	0.465842	1.11934	1.11934	0.0965163	1.13779	1.13779	0.934675	1.03703	-1.06666	0.335813	0.457803	-2.18434	0.442759	0.540334	-1.85174	0.819888	1.19667	1.19667	1.163	6.93444	8.13305	1
cg13242787	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK7	0.421019	0.322442	1.44323	1.44323	0.682968	1.15882	1.15882	0.55233	0.807194	-1.23886	0.826595	0.924267	-1.08194	0.988152	1.9649	1.9649	0.683407	0.863138	-1.15856	0.276059	0.665842	-1.50186	0.133724	1.78706	1.78706	0.078944	1.1008	1.1008	1.16299	2.37328	1.81392	1
cg10434888	ATP6V0D1;ATP6V0D1	0.421028	0.349184	0.691009	-1.44716	0.79771	1.10352	1.10352	0.868428	0.938396	-1.06565	0.486855	1.31119	1.31119	0.228735	0.61604	-1.62327	0.065651	0.45282	-2.20838	0.124282	0.528199	-1.89323	0.845619	0.927965	-1.07763	0.371324	0.703252	-1.42197	1.16297	2.70905	2.07059	1
cg13702005	C15orf42;C12orf42	0.421036	0.215609	0.515696	-1.93955	0.540826	0.713309	-1.40189	0.534559	0.809734	-1.23506	0.649534	0.409724	-2.44548	0.227051	1.86936	1.86936	0.349021	0.349021	0.616885	-1.6211	0.39685	-2.51984	0.648871	0.5459	-1.83192	0.347247	0.918211	-1.08688	1.16296	4.54155	3.54907	1
cg17543973	TRPM5	0.421038	0.364882	0.78246	-1.27802	0.382705	0.788089	-1.2684	0.276717	0.741965	-1.34777	0.383898	0.790379	-1.26522	0.492339	0.713117	-1.36777	0.692151	0.759422	-1.31679	0.609174	1.42843	1.42843	0.905236	0.920942	-1.08584	0.274882	0.45585	-2.1937	1.16294	8.80776	6.73217	1
cg14195958	TTLL3;TTLL3	0.421049	0.783802	0.936762	0.660832	0.669856	1.16306	1.16306	0.482894	1.23293	1.14293	0.291014	1.12785	1.12785	0.3111	1.23293	1.23293	0.284706	0.827116	-1.20911	0.111285	0.723775	-1.38165	0.729286	0.726735	-1.37625	0.23163	1.26496	1.26496	1.16293	0.654641	0.494086	1
cg06605158	PROCR;PROCR	0.421086	0.199462	0.390971	-2.55774	0.110807	0.300116	-3.33205	0.224291	0.412994	-2.42134	0.381755	0.537165	-1.86163	0.087419	0.270574	-3.69585	0.174226	0.3674	-2.72183	0.304274	0.478531	-2.08973	0.190004	0.390555	-2.56046	0.362857	0.523163	-1.91145	1.16285	8.83831	6.75604	1
cg05181637	RHEBL1	0.421087	0.46617	1.30115	1.30115	0.822528	0.604304	-1.10528	0.0488776	0.34454	-2.90242	0.702193	0.842666	-1.18673	0.492738	1.40617	1.40617	0.517859	0.749093	-1.33474	0.335219	0.534446	-1.87173	0.642302	1.12478	1.12478	0.576297	0.777591	-1.28602	1.16285	0.63663	2.79514	1
cg16101274	ITPRIPL2;ITPRIPL2;ITPRIPL2	0.421088	0.55933	1.10851	1.10851	0.473847	0.950712	-1.05184	0.744302	0.901625	-1.10911	0.139531	0.600464	-1.66538	0.102602	0.563856	-1.7735	0.34672	0.283544	-3.56779	0.322684	0.37646	-2.65613	0.0943	0.244758	-4.08572	0.254873	0.442704	-2.25844	1.16285	3.85512	2.74864	1
cg26031613	KLC1;KLC1;KLC1	0.42111	0.177718	0.64372	0.293704	0.42375	0.12375	0.342565	0.280285	-3.56779	0.363243	0.37177	0.305189	0.250071	-3.99886	0.34672	0.283544	-3.56779	0.322684	0.37646	0.334898	0.64573	-1.54953	0.097335	0.957478	-1.04441	1.628	31.1595	23.8194	1
cg25835160	DUSL1	0.421097	0.960587	1.03403	1.03403	0.785599	0.728581	-1.37253	0.853455	0.964165	-1.03705	0.743826	0.154536	-1.34534	0.288621	0.564557	-1.7709	0.660832	0.78501	-1.27387	0.020995	0.223472	-4.47494	0.697048	0.880657	-1.13592	0.127976	0.457355	-2.18648	0.58319	0.537077	4.23132	1
cg15326069	TGFBR3	0.421124	0.793546	1.17265	1.17265	0.27614	0.502634	-1.98952	0.154233	0.396079	-2.52475	0.84083	0.12987	1.12987	0.115265	0.353523	-2.82867	0.298072	1.92516	1.92516	0.307151	1.89923	1.89923	0.852625	0.893216	-1.11955	0.651688	0.758853	-1.31778	1.16277	6.79064	5.19116	1
cg19857337	FAM118B;RPUSD4;RPUSD4	0.421132	0.359302	0.887065	-1.12731	0.290688	1.14764	1.14764	0.178051	0.835503	-1.19688	0.177132	0.835147	-1.19739	0.664575	1.20567	1.20567	0.581043	0.932394	-1.07251	0.0957152	0.794683	-1.25836	0.931939	0.98933	-1.01078	0.955782	1.0009	1.0009	1.16276	1.29046	0.222027	1
cg06806012	FADS3 PAX8;PAX8;PAX8;PAX8;PAX8;LOC440839	0.42113	0.38108	0.760126	-1.31557	0.71145	0.892767	-1.12011	0.760763	0.71971	1.09771	0.75777	1.09904	1.09904	0.625044	0.527295	-1.89647	0.936757	0.976065	-1.02452	0.483563	1.24165	1.24165	0.101484	0.578458	-1.72873	0.353166	0.747028	-1.33864	1.16276	1.71631	1.31206	1
cg10068464	9	0.421138	0.324848	2.20264	2.20264	0.403409	1.94274	1.94274	0.502193	1.69718	1.69718	0.283469	2.3762	2.3762	0.344497	2.13032	2.13032	0.06166	0.194989	-5.12849	0.448862	1.82157	1.82157	0.942477	0.945492	-1.05765	0.757585	1.27184	1.27184	1.16274	11.109	8.49255	1
cg19911494	SEMA5A	0.421144	0.089249	0.423081	-2.36361	0.314852	1.61138	1.61138	0.76208	0.868897	-1.14956	0.268925	0.589473	-1.69643	0.222365	0.55507	-1.80158	0.792496	0.886013	-1.12865	0.146224	0.488715	-2.04618	0.873639	0.929547	-1.07579	0.314546	0.620388	-1.6119	1.16274	3.88024	2.96636	1
cg25107522	DGKD;DGKD	0.421146	0.323207	1.54863	1.54863	0.646356	1.80038	1.80038	0.403072	1.51903	1.51903	0.440597	1.58969	1.58969	0.14958	0.629386	-1.58834	0.477253	1.46647	1.46647	0.32866	1.02866	1.02866	0.918844	1.10717	1.10717	0.302022	0.487695	-2.05046	1.16273	8.30506	6.34908	1
cg21178331	MITF	0.421146	0.935704	1.03585	1.03585	0.97135	0.984442	-1.0158	0.551625	0.768779	-1.30077	0.733437	1.16096	1.16096	0.031708	0.333229	3.00094	0.583225	1.2737	1.2737	0.83335	0.912114	-1.09635	0.717904	1.17163	1.17163	0.161951	0.521099	-1.91935	1.16273	3.51025	2.68355	1
cg00575996	ABAT	0.421153	0.612235	0.862862	-1.15893	0.206309	0.680585	-1.46911	0.607265	0.761367	1.16137	0.911954	0.968586	-1.03243	0.554604	0.53454	-1.87077	0.83753	0.942473	-1.06104	0.218097	1.45331	1.45331	0.615993	0.864228	-1.1571	0.651546	1.14018	1.14018	1.16271	1.53334	1.17224	1
cg00584238	LOC153328	0.421162	0.09506096	0.4256	-2.35008	0.370696	1.14668	1.14668	0.769447	1.4236	1.4236	0.17863	1.26687	1.26687	0.434759	1.25	1.25	0.673367	1.28473	1.28473	0.137295	0.677539	1.94209	0.94209	0.73446	-1.36173	0.442969	0.67606	4.0766	4.0766	0.676009	1.47139	1.47139	1.16265	0.156882	0.86	12.1263	1
cg18914802	CLK2P	0.421192	0.667356	0.895509	-1.11668	0.714863	1.09818	1.09818	0.623593	0.881388	-1.13457	0.711388	1.09951	1.09951	0.0209272	0.492001	-2.03252	0.603611	0.87485	-1.14305	0.952053	0.984769	-1.01547	0.80266	1.066	1.066	0.50301	1.18946	1.18946	1.16263	1.19969	0.917221	1
cg20769134	SBF1;SBF1	0.421193	0.253853	0.664898	-1.50477	0.196886	0.596914	-1.67585	0.163264	0.331258	-3.02002	0.0824852	-1.12877	0.744305	0.0467	1.04679	1.04679	0.098959	1.12452	1.12452	0.667929	1.04679	1.04679	0.0414012	0.0464098	-2.15597	0.32663	0.0487	2.05565	1.16261	0.0487	2.05565	1
cg07782101	CYP27C;CYP1P2;CYP1P2	0.421201	0.860765	0.930304	-1.07492	0.432508	1.39043	1.39043	0.37047	1.46	1.46	0.515381	1.31182	1.31182	0.106128	0.483754	-2.06717	0.887861	0.943595	-1.05978	0.237122	0.600699	-1.66473	0.572093	0.536694	-1.86326	0.490872	0.749801	0.743691	1.16261	1.11781	2.38377	1
cg23444101	ALS2CL;ALS2CL	0.421208	0.986391	0.994595	-1.00543	0.932473	0.97343	-1.0273	0.304921	0.713486	-1.40157	0.0473416	0.486267	-2.05648	0.44092	0.782983	-1.27717	0.06303	0.514548	-1.94345	0.390907	0.756279	-1.32226	0.806151

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg22442401	MRPL38;PPP1R10	0.4251585	0.246206	0.509299	-1.87512	0.598259	0.759135	-1.31729	0.568679	1.34794	1.34794	1.07796168	0.224689	0.516346	1.193669	1.193669	0.376881	-1.02367	0.45385	1.4788	1.4788	0.391364	1.57642	1.1618	4.94254	3.78153	1			
cg01280202	BTC	0.421602	0.32925	0.321714	-3.10835	0.396196	2.64738	2.64738	0.977578	0.969474	-1.03149	0.110792	0.131227	-7.62039	?	?	?	?	?	?	?	?	?	?	?	?	?	
cg25889945	KCTD12;KCTD12	0.4216070	0.920175	1.01717	1.01717	0.98698	1.00277	1.00277	0.150321	1.29926	1.29926	0.718754	0.940443	-1.06333	0.676452	1.07386	1.07386												
cg17041937	CA13;CA13	0.4240837	0.6408378	0.579367	-1.72602	0.719371	1.087	1.087	0.866805	1.03955	1.03955	0.163118	0.708803	-1.41083	0.668253	1.905131	-1.10481												
cg06907141	RAD23A	0.4216314	0.627378	0.927838	-1.07777	0.380913	1.14753	1.14753	0.773332	1.04521	1.04521	0.839855	0.969495	-1.03147	0.412509	1.13688	1.13688												
cg17174466	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.4216263	0.787257	0.741753	-1.34616	0.627265	1.71672	1.71672	0.780234	0.734227	-1.36198	0.948832	1.07345	0.947245	0.987388	0.982604	-1.01761												
cg05859760	SYT16	0.4216264	0.8185862	1.22716	1.22716	0.413421	2.10647	2.10647	0.0273443	0.09766695	-10.2386	0.230512	0.326018	-3.06731	0.555156	0.587561	-1.70195												
cg26168206	RIF1	0.4216441	0.8627112	1.09815	1.09815	0.376113	1.53948	1.53948	0.3966075	1.62687	1.62687	0.737668	1.20712	1.137233	0.480935	-2.42077													
cg03375506	CTDP1;CTDP1	0.4216444	0.651634	0.943924	-1.05941	0.277254	1.23255	1.23255	0.1613565	1.31915	1.20915	0.786371	1.0351	1.0351	0.507106	0.985352	-1.01487												
cg05887821	INPP5A	0.4216554	0.1757096	0.251661	-3.9736	0.277557	2.95068	2.95068	0.146546	4.45144	4.45144	0.970449	1.03613	1.03613	0.484084	0.505907	-1.97665												
cg12140043	PLA2G2E	0.4216568	0.1316027	0.501868	-1.99342	0.200307	1.93859	1.93859	0.0854407	1.1102	1.1102	0.249618	0.700663	-1.42737	0.053877	0.95374	-1.02691												
cg04090209	SNED1	0.4216581	0.493408	0.818875	-1.22119	0.908097	0.967368	-1.03373	0.890602	0.961235	-1.04033	0.45836	1.24226	1.24226	0.492498	0.81852	-1.22172												
cg14536794	PDE4A;PDE4A;PDE4A	0.4216667	0.6862188	0.271503	-3.66162	0.962392	0.967368	-1.03307	0.645781	0.939627	-1.07109	0.723699	0.963615	-1.03776	0.073564	2.13158	1.23158												
cg20565740	KIAA0513	0.4216751	0.8449361	-1.17736	0.521371	0.934385	-1.07022	0.561695	0.933627	-1.07109	0.723699	0.963615	-1.03776	0.073564	2.13158	1.23158													
cg12683173	AUTS2;AUTS2;AUTS2	0.42167	0.2818311	0.843696	-1.18526	0.116324	0.7705196	-1.29605	0.969071	0.994125	-1.00591	0.085098	0.74879	-1.33549	0.401152	0.877675	-1.13937												
cg24269688	FURIN	0.4216765	0.4554346	1.23764	1.23764	0.970381	0.889906	-1.12371	0.788153	0.92771	-1.07792	0.93479	1.32177	1.32177	0.240302	0.708564	-1.41076												
cg01438737	SRSF6	0.4216772	0.5169065	0.798177	-1.25285	0.0781293	0.95705	1.95705	0.12716	1.76105	1.76105	0.45205	1.3006	1.3006	0.831144	1.076	1.076												
cg08783845	PPF2	0.4216925	0.210596	0.4148	-2.4108	0.280018	0.8578545	-1.16418	0.0910134	0.288662	-3.46185	0.165596	0.37094	-2.69586	0.111946	0.315182	-3.17277												
cg16962045	GPR162;GPR162;GPR162;GPR162	0.42168	0.898913	1.04413	1.04413	0.907376	0.868436	-1.1515	0.327353	0.709219	-1.41	0.931268	0.971134	1.029711	0.747441	1.070441	0.679529	0.868349	-1.15161	0.0193737	0.381726	1.20831	1.20831	0.1616	2.12441	1.62566	1		
cg26404467	GRM8	0.4216981	0.4840321	0.854258	-1.17061	0.410961	1.20468	1.20468	0.2668871	1.29053	1.29053	0.61702	0.89434	-1.11814	0.490435	0.856287	-1.16783	0.296968	1.27061	1.27061	0.0915086	0.662606	-1.50919	0.502909	0.860205	-1.16251	0.397248	0.825314	-1.21166	1.616	0.9025501	0.690621	1		
cg15193782	ARMC3;ARMC3	0.4216985	0.9505848	1.068291	1.068291	0.936455	1.04554	1.04554	0.140757	1.50247	1.50247	0.974749	0.995737	-1.00833	0.945069	1.115009	-1.11509	0.830747	1.05772	1.05772	0.0834037	0.606848	-1.65375	0.882385	1.06035	0.559045	1.16752	1.16159	1.242	0.8100545	0.9674215	1		
cg24307251	GAR1;GAR1;GAR1;GAR1 S100A15;S100A13;S100A13;S100A1;S10	0.421687	0.8696656	0.972818	-1.02794	0.978899	1.00445	1.00445	0.117126	1.13059	0.691925	1.06911	0.66911	0.371501	1.22277	1.22277		0.726697	1.06065	1.06065	0.0742555	0.71622	-1.39622	0.604561	0.91607	-1.09162	0.824462	1.03798	1.015818	0.518801	0.396402	1		
cg15559456	0A13;S100A13	0.421713	0.92937	1.04753	1.04753	0.0566001	0.322942	-3.09653	0.175627	0.470355	-2.12605	0.557162	1.36474	1.36474	0.683502	0.806798	-1.23947	0.719538	0.827909	-1.20786	0.601812	1.3175	1.3175	0.959858	1.02671	1.02671	0.2605124	1.84904	1.84904	1.16153	5.04626	3.86178	1		
cg02746650	ISG12 SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.421722	0.893805	1.08631	1.08631	0.296769	1.95535	1.95535	0.273657	0.493567	-2.02615	0.103612	0.31419	0.31419	0.049848	2.28273	1.28273	0.611539	0.729778	-1.37367	0.155048	0.736832	0.706267	-1.4159	0.690249	0.780121	-1.28185	1.16151	1.70839	5.40935	1		
cg06791979	SEPT9	0.4217732	0.503057	0.668486	-1.49592	0.0369529	4.2029	4.2029	0.422099	1.6257	1.6257	0.67884	0.781353	-1.27983	0.655454	0.766339	-1.3049	0.84277	0.888978	-1.12489	0.934493	1.04997	1.04997	0.883524	1.09075	1.09075	0.2553865	0.495166	-2.01952	1.16149	6.45962	4.94355	1		
cg09875233	FBXL2;PGAP3	0.4217835	0.2906083	0.714213	-1.40009	0.410976	1.871171	1.871171	-1.14758	0.654585	1.3208	1.3208	1.08242	1.08242	0.0497447	0.5192024	-1.92647	0.5270259	-1.89742	0.5270259	-1.89742	0.0497447	0.5192024	-1.92647	0.0497447	0.5192024	-1.92647	0.0497447	0.5192024	-1.92647

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cg18509239	IGSF10		0.422322	0.778589	-1.28768	1.652588	0.90234	-1.10823	0.118154	0.680625	-1.40024	0.468924	0.18187	1.18187	0.0938157	0.658462	-1.51869	0.532679	0.866485	-1.15409	0.342743	1.24815	1.24815	0.807428	0.946126	-1.05694	0.816019	1.05428	1.05428	1.16225	0.945007	0.723588	1
cg08343834	PMP22		0.422322	0.319683	0.541223	-1.84767	0.788565	1.17406	1.17406	0.34015	0.566461	-1.17984	0.376878	0.581957	-1.71834	0.604089	0.288729	-3.46346	0.290818	0.519727	-1.92409	0.840716	1.12765	1.012665	0.322349	-3.10223	0.865257	0.903578	-1.10671	1.16024	0.549555	5.01775	1
cg12881453	CDL11A2;CDL11A2;CDL11A2		0.422331	0.582458	0.618956	-1.61562	0.107342	4.56506	4.56506	0.677428	1.43535	1.43535	0.204518	0.314517	-3.17948	0.243352	0.348308	-2.87103	0.455073	0.518233	-1.92963	0.282325	0.880904	-2.62533	0.336216	0.424569	-2.35533	0.723033	0.73533	-1.35993	1.16023	13.7155	10.5079	1
cg12043631	SHANK2		0.422345	0.101763	2.10455	2.10455	0.952864	0.975767	-1.02456	0.939095	0.964461	-1.03585	0.320487	1.53174	0.718244	1.16243	1.16243	1.16243	0.060071	1.32792	2.32705	1.39223	1.43117	1.43117	0.450664	0.726681	-1.37612	0.312741	1.54304	1.54304	1.6022	3.17067	2.42922	1
cg00596134	URGCP;URGCP;URGCP		0.422349	0.368584	1.40368	1.40368	0.873245	0.94306	-1.06038	0.772262	1.11244	1.11244	0.251704	0.659068	-1.51729	0.271184	1.52292	1.52292	0.130185	1.8225	1.8225	0.17169	1.82225	1.82225	0.859584	1.16098	1.16098	0.32974	0.691204	-1.44675	1.16019	2.47741	1.8981	1
cg00097800	EPAS1		0.422372	0.383158	2.12754	2.12754	0.340143	2.29311	2.29311	0.387854	2.11101	2.11101	0.513935	1.70657	0.697155	2.15207	-4.64966	0.492198	0.554949	-1.80197	0.223562	0.339756	-2.94329	0.514331	1.74762	1.74762	0.914254	1.00729	1.00729	1.16214	13.0947	10.0331	1
cg23672659	KIAA1949;KIAA1949		0.422377	0.289053	0.68593	-1.45787	0.961889	1.0165	1.0165	0.167013	0.603729	-1.65637	0.251779	0.663575	-1.50699	0.0956755	0.53423	-1.87185	0.443766	0.765322	-1.30664	0.998392	1.00069	1.00069	0.253672	1.50431	1.50431	0.889072	1.04897	1.04897	1.16013	2.15592	1.65186	1
cg20650981	PRKG1;PRKG1		0.422383	0.689318	1.65348	1.65348	0.286573	1.16011	1.16011	0.948464	1.0087	1.00871	0.850085	0.967355	-1.03375	0.759624	0.959641	-1.04206	0.994057	1.25336	1.12536	0.328456	0.875368	-1.14499	0.850375	0.734437	-1.39126	0.19464	1.20222	1.20222	1.16012	0.331079	0.253674	1
cg20664844	DHRS9;DHRS9		0.422381	0.80797	0.975482	1.02513	0.621964	0.908307	-1.10095	0.556857	0.658747	-1.51853	0.67247	-1.15431	0.155027	0.744918	-1.34243		0.855318	0.965297	-1.03595	0.232832	1.27991	1.51907	0.883154	-1.13462	0.983034	1.00412	1.00412	1.16012	0.687994	0.527144	1
cg11232478	DIRC2;HSPBAP1		0.422381	0.966712	1.00854	1.00854	0.110032	1.42624	1.42624	0.450771	1.16955	1.16955	0.119935	1.41039	1.41039	0.140247	1.38184	1.38184	0.097105	1.44939	1.44939	0.588095	1.11791	1.11791	0.517091	1.14326	1.14326	0.897055	0.973961	-1.02674	1.16012	0.763347	0.58488	1
cg10497401	MYO15B		0.422395	0.251732	2.47968	2.47968	0.240824	2.56165	2.56165	-1.4172	1.16745	0.658476	-1.51866	0.9052568	1.09145	1.09145	1.09145	1.09145	0.348787	1.3151	1.3151	0.886802	0.895314	-1.00471	0.99231	0.984006	-1.01289	0.738001	0.909382	-1.09965	1.16009	1.48161	1.13525	1
cg05573262	SIM2;SIM2		0.422395	0.167209	1.55003	1.55003	0.1259	1.63711	1.63711	0.152155	1.57869	1.57869	0.84683	1.17855	1.17855	0.276945	1.40015	1.40015	0.204228	1.49005	1.49005	0.181332	1.52559	1.52559	0.246966	1.21172	1.21172	0.105663	1.69235	1.69235	1.16009	1.62786	1.2473	1
cg26320890	AHR		0.422396	0.396314	2.60521	2.60521	0.107296	0.942854	-1.06096	0.772355	0.799336	-1.2605	0.0748198	0.204653	-4.88635	0.620451	0.670914	-1.49048	0.779383	1.25172	1.25172	0.285686	0.412096	-2.42662	0.882398	1.58397	1.58397	0.475626	0.559935	-1.78595	1.16009	11.7438	8.99817	1
cg12281139	SUT2		0.422399	0.191594	0.652197	-1.53328	0.936409	1.01823	1.01823	-1.02466	0.938795	1.18326	1.18326	0.144461	1.62363	1.62363	0.4496437	1.25336	1.25336	0.260371	0.69563	-1.43755	0.72923	0.89814	-1.11341	0.560303	1.59	1.59	0.899679	1.03976	1.03976	1.16008	1.75605	1.34554	1
cg06004018	HEATR2		0.42242	0.352534	1.23395	1.23395	0.426916	1.09826	-1.09826	0.63698	1.30911	1.30911	0.25394	1.25394	0.639826	1.30911	1.60911	0.690559	-1.10919	0.609656	1.1198	1.11818	0.234805	1.8038	0.78491	0.941656	-1.06196	0.987547	0.996576	-1.00344	1.16004	0.887104	0.679751	1
cg00046560	SNRPA1		0.422409	0.858369	1.07258	1.07258	0.232334	-1.02323	1.05955	1.25488	1.25488	0.078372	1.88245	1.88245	0.690561	1.1028	1.28455	1.28455	0.888609	1.02818	1.02818	0.334682	0.879915	-1.13647	0.812127	1.03109	1.03109	0.265391	1.16095	1.16095	1.16002	0.803744	2.23375	1
cg10791911	ARRDC2;ARRDC2		0.422429	0.907176	1.02599	1.02599	0.688987	0.915303	-1.09253	0.703494	0.919323	-1.08776	0.320641	0.797934	-1.25324	0.16322	1.38732	1.38732	0.805311	0.947125	-1.05583	0.20021	0.742556	-1.3467	0.570443	0.881494	-1.13444	0.10978	1.46739	1.46739	1.16002	0.880008	0.681221	1
cg01930242	ZFYVE28		0.422432	0.637506	1.19526	1.19526	0.783391	1.1022	1.1022	0.455543	0.788265	-1.26699	0.214193	0.5026	1.9226	0.0631371	0.521598	-1.91719	0.941085	0.977248	-1.02328	0.762195	1.09902	1.09902	0.962306	1.0991	1.0991	0.20451	0.659092	-1.51724	1.16001	1.78117	1.36487	1
cg22215520	PAIP1;PAIP1;PAIP1		0.422433	0.944192	1.0123	1.0123	0.765652	0.816665	-1.22449	0.213262	0.787466	-1.25712	0.597145	0.910788	-1.25483	0.123088	1.23088	1.23088	0.543727	1.11326	1.11326	0.684577	1.07991	1.07991	0.976643	1.00512	1.00512	0.886231	1.39227	1.39227	1.16001	0.559973	0.429094	1
cg19326876	ATP10A		0.422435	0.805274	1.09538	1.09538	0.43829	0.74707	-1.33856	0.63673	1.1918	1.1918	0.913628	0.969746	-1.0312	0.0594482	0.45625	-2.19178	0.90291	0.955987	-1.04604	0.096435	0.51007	-1.96052	0.223632	0.624022	-1.60251	0.907986	1.04157	1.04157	1.16001	2.49929	1.91515	1
cg22534097	ANKRD1		0.422439	0.984255	1.00394	1.00394	0.307841	1.65321	1.65321	0.417811	0.674313	-1.48339	0.374584	0.647881	-1.54349	0.515306	1.94016	1.94016	0.771637	1.870576	1.870576	-1.14866	0.8834837	2.48715	2.48715	0.134065	2.53873	2.15873	0.965634	1.02073	1.16	4.16751	1.19319	1
cg08746290	SRPK2;SRPK2		0.422441	0.487542	0.66747	-1.49819	0.370443	1.69409	1.69409	0.446666	0.639796	-1.563	0.860494	0.904091	-1.10608	0.0422047	0.261487	-3.82428	0.346073	0.74397	1.74397	0.51445	1.46069	1.46069	0.884134	1.11943	1.11943	0.774316	0.848083	-1.17913	1.15999	0.63531	4.62479	1
cg10498163	XRN2		0.422441	0.067705	1.01815	1.01815	0.944319	0.792475	-1.26196	0.0475	0.758589	-1.31824	0.0974604	0.545209	-1.83435	0.0294509	0.189403	-5.27966	0.559523	-1.78705	0.0559528	-1.78705	0.0559528	-1.78705	0.0559528

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg24509237	TNNI3K;FPGT	0.822635	0.929509	-1.07586	0.3338	2.724127	-1.38097	0.203734	0.647676	-1.54398	0.983387	0.991281	-1.03676	0.906892	0.962823	-1.03861	0.155037	1.63682	0.1219	1.72102	0.72102	0.401732	1.32035	1.320351	0.701634	1.88281	-1.13275	1.15883	1.9243	1.47605	1
cg02859417	C7orf44	0.442993	0.0566922	0.685371	-1.45906	0.41002	0.862807	-1.15901	0.822916	1.04004	1.040004	0.222156	0.798742	-1.25197	0.356959	1.17934	1.79134	0.868896	1.02936	1.029936	0.876745	1.02756	1.02756	1.0514416	0.8906557	-1.12277	0.396045	1.16442	1.16442	1.15883	0.562998	0.431851	1
cg23731054	SPPQ	0.422993	0.808404	1.0504	1.0504	0.463463	0.859803	-1.16306	0.233195	0.776453	-1.28791	0.224416	1.29475	1.29475	0.617898	0.903214	-1.10716	0.315974	0.8107	-1.2335	0.178237	0.748612	-1.33581	0.427545	1.17817	1.17817	0.306791	1.23882	1.23882	1.15883	0.751967	0.576801	1
cg12654519	ARHGAP10	0.422998	0.302116	0.633048	-1.57966	0.403573	0.694292	-1.44032	0.169551	0.533361	-1.8749	0.534095	0.764615	-1.30785	0.843019	0.406364	-2.46097	0.144377	0.509454	-1.96236	0.309229	0.637632	-1.5683	0.759663	1.1395	1.1395	0.20681	0.564959	1.77004	1.18018	3.31095	2.18202	1
cg14383545	MIR50;ZNF189;ZNF189	0.422999	0.318759	1.72196	1.72196	0.0372793	0.279431	-1.57871	0.376054	0.619328	-1.61465	0.81242	1.13358	1.13358	0.683426	1.2414	1.2414	0.938079	1.04183	1.04183	0.348459	0.601035	-1.6638	0.635648	0.777459	-1.28624	0.752197	1.18183	1.18183	1.15882	5.10529	3.91608	1
cg06013732	ZSWIM3;ACOT8	0.422999	0.562527	0.912825	-1.0955	0.153738	1.270129	1.27029	0.15993	1.263634	1.263634	1.234216	1.21442	1.21442	0.0972458	1.3278	1.3278	0.536699	1.10237	1.10237	0.225398	1.21938	1.21938	1.21938	0.840935	1.0318	1.0318	1.0318	0.3059646	1.17994	1.17994	1.15882	0.445408	0.341657	1
cg09159004	ACSF3;ACSF3;ACSF3	0.423	0.480051	1.52465	1.52465	0.673663	0.779704	-1.28254	0.536075	1.44501	1.44501	0.343873	0.563927	-1.77328	0.721778	0.81054	-1.23375	0.2111	0.461138	-2.16855	0.282468	0.518853	-1.92733	0.0926709	2.96545	2.96545	0.536953	0.692602	-1.44383	1.15882	6.33446	4.85805	1
cg21752633	ZFYVE28;SRCIN1	0.423002	0.387532	0.713485	-1.40157	0.4706048	0.755406	-1.3231	0.0908944	0.560755	-1.99699	0.298731	0.663287	-1.50704	0.180944	0.586653	-1.70458	0.715453	1.14976	1.14976	0.7861697	1.11169	1.11169	1.0154131	0.6080361	-1.64376	0.115613	0.5166	-1.93573	1.15881	2.66645	2.04535	1
cg14126185	TSPYL2 PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPL	0.423003	0.45682	0.742622	1.34636	0.612625	0.817854	-1.22271	0.388081	1.45534	1.45534	0.587357	0.676534	-1.47812	0.0915338	0.482093	2.07429	0.845998	1.07935	1.0814185	0.468388	-2.13498	0.727982	1.14696	1.14696	0.927415	1.03643	1.15881	1.82996	2.17077	1
cg00031443	A6	0.423003	0.598368	1.06928	1.06928	0.188617	1.19187	1.19187	0.185069	1.19377	1.19377	0.967384	1.00517	1.00517	0.12943	0.813465	-1.22931	0.588225	1.07131	1.07131	0.79415	1.0335	1.0335	0.295405	1.14652	1.14652	0.209509	1.18137	1.18137	1.15881	0.291432	0.223548	1
cg27140793	MOB4	0.423004	0.402914	1.13696	1.13696	0.362388	1.15071	1.15071	0.412714	1.13381	1.13381	0.191174	1.52998	1.52998	0.4347	1.12669	1.12696	0.354416	1.13357	1.13357	0.777958	1.0433	1.0433	0.469879	1.11655	1.11655	0.315704	1.16831	1.16831	1.15881	0.412682	0.316556	1
cg14375380	ZBTB17	0.423012	0.626317	1.151765	1.31156	0.148151	1.36019	1.36019	0.26555	1.155502	1.32827	2.32827	1.162787	1.28912	0.2899	1.158998	0.412972	-2.10959	0.700733	1.13954	1.13954	0.712484	1.22038	1.22038	0.565842	1.13777	1.37777	0.49147	1.4735	1.4735	1.15879	5.67482	4.35306	1
cg02467765	FRAS1;FRAS1	0.423022	0.366572	0.858254	-1.16516	0.15654	0.779008	-1.28368	0.459776	0.885873	-1.12883	0.608268	0.918338	-1.08892	0.146637	1.29269	1.29269	0.364883	1.16582	1.16582	0.21893	0.808106	-1.23746	0.890074	1.02305	1.02305	0.557242	0.906813	-1.10276	1.15877	0.49835	0.382282	1
cg15608826	XKR7	0.423023	0.275749	0.32287	-3.09722	0.0536813	0.112528	0.88666	0.73657	0.754164	-1.40024	0.524077	1.90358	1.90358	0.771911	0.748407	-1.33617	0.296157	0.3395563	2.94496	0.945907	0.0931916	-1.00689	0.244775	3.36418	3.36418	0.952405	1.06132	1.06132	1.15877	18.2453	13.9959	1
cg02128580	C10orf96	0.423026	0.401926	0.790798	-1.25102	0.212218	0.708505	-1.41142	0.138186	0.655289	-1.52604	0.672287	1.13506	1.11926	0.199415	0.6997	-1.4319	0.7713309	0.925729	-1.08023	0.371534	1.27501	1.27501	0.616637	0.8748496	-1.14299	0.122497	0.642014	1.5576	1.15876	1.28675	0.987072	1
cg04693379	ZNF490	0.423037	0.248591	1.24144	1.24144	0.298782	1.0315	1.0315	0.236333	1.24921	1.24921	0.285613	1.22002	1.22002	0.171127	1.29863	1.29863	0.764465	1.05536	1.05536	0.0331158	1.56317	1.56317	0.498506	1.13113	1.13113	0.424984	1.15731	1.15731	1.15876	0.590119	0.452685	1
cg14915216	PLEC1;PLEC1	0.423037	0.405031	1.36977	1.36977	0.266603	1.53338	1.53338	0.382454	0.718353	-1.39208	0.888618	0.924993	-1.08109	0.753554	1.20798	1.20798	0.142767	0.558009	-1.7892	0.797018	0.909198	-1.09987	0.214005	1.62126	1.62126	0.919329	0.724022	-1.38117	1.15874	2.50317	1.92022	1
cg04589029	PDE4D	0.423038	0.247409	0.2522	-4.44009	0.776221	0.853077	-1.27223	0.540301	0.707741	-1.41295	0.888857	0.924993	-1.08109	0.755554	1.20798	1.20798	0.684289	1.25602	1.25602	0.3457343	1.7185	1.7185	0.896049	0.9300099	-1.07515	0.55515	0.716917	-1.39486	1.15874	5.70586	4.37707	1
cg15963070	CTNNA2;CTNNA2 SEMA6D;SEMA6D;SEMA6D;SEMA6D;SE	0.423039	0.29065	1.32525	1.32525	0.115171	0.644131	-1.55248	0.62878	0.882412	-1.13326	0.807465	0.939227	-1.0647	0.515015	1.18475	1.18475	0.27917	1.13499	1.13499	0.552854	1.16669	1.16669	0.285351	1.3297	1.3297	0.299885	0.758903	-1.31769	1.15874	1.21017	0.928345	1
cg18142730	MAEG;SEMA6D	0.423046	0.42561	1.68342	1.683342	0.829126	0.870782	-1.14839	0.0778199	0.285196	-3.50635	0.232323	2.22966	2.22966	0.698078	1.39136	1.39136	0.371913	1.79836	1.79836	0.733203	0.8026051	-1.24594	0.223694	2.26677	2.26677	0.60783	1.39286	1.39286	1.15872	7.52066	5.76932	1
cg20017415	MFSD2A;MFSD2A	0.423056	0.270681	0.70798	-1.41239	0.120984	0.455524	1.84615	1.84615	0.187721	1.97231	1.97231	0.50644	1.98046	0.504046	1.98046	0.504046	0.753336	1.84585	1.84585	0.541742	0.7702018	1.08031	1.08031	0.925511	0.8077	-1.23807	0.132579	1.28131	1.28131	1.15872	1.08054	0.82893	1
cg25252495	PRKCQ; KCNMB3;KCNMB3;KCNMB3;KCNMB3;K CNMB3;KCNMB3	0.423071	0.433171	0.852289	-1.17331	0.599054	0.899408	-1.11184	0.320083	0.814393	-1.22791	0.992901	0.998224	-1.00178	0.899229	0.975001	1.02564	0.20123	1.3096	1.3096	0.0494357	1.56525	1.56525	0.931254	0.982906	-1.01739	0.911044	0.977915	-1.02258	1.15867	0.732799	0.562177	1
cg07627602	C20orf132	0.423092	0.876561	0.92846	-1.07705	0.103241	2.3421	2.3421	0.702428	1.20118	1.207898	1.20118	1.130236	1.13026	0.991242	0.598177	-1.67175	0.31786	0.610772	-1.63727	0.103234	0.426958	-2.34215	0.600907	0.809944	-1.23465	0.71253	0.83801	-1.1933	1.15862	4.1844	3.21024	1
cg17808461	USP51	0.423092	0.634671	0.755645	-1.32337	0.0484281	0.267174	-3.74288	0.939505	0.956546	-1.04543	0.470496	0.65069	-1.53683	0.163026	0.4183	-2.39063	0.481223	0.657668	-1.52052	0.192095	0.445659	-2.24383	0.220992	0.47091	-2.12355	0.659137	1.29671	1.15862	6.2869	4.82327	1
cg06684409	BUD31;POAP1	0.423093	0.821944	1.04594	1.04594	0.0977	0.600997	1.11742	1.11742	0.427375	1.15676	1.15676	0.809357	1.0056589	1.07755	1.072262	1.08444	1.08444	0.875222	1.03178	1.03178	0.698537	1.08057	1.08057	1.08057	1.08057	0.0217604	1.17306	1.17306	1.15862	0.272829	0.558387	1
cg09938976	ZDHHC2	0.423097	0.454996	0.899935	-1.11119	0.928824	0.987698	-1.01245	0.171014	1.22379	1.22379	0.746707	0.956094	-1.04592	0.594803	0.928321	1.07721	0.317527	0.866622	-1.15391	0.057059	0.742078	-1.34757	0.655738	0.939726	-1.06414	0.29448	1.860153	1.16258	1.15861	3.352238	0.270237	1
cg01530939	HAX1;HAX1	0.423102	0.819472	0.97277	-1.02799	0.758971	1.03787	1.03787	0.161095	1.19814	1.19814	0.554437	1.07488	1.07488	0.193899	1.18058	1.18058	0.796595	0.969286	-1.03169	0.219076	0.855476	-1.16894	0.100055	1.24313	1.24313	0.657789	1.05532	1.05532	1.1586	0.267641	0.205336	1
cg13016378	RAD9A	0.423103	0.431707	1.0219	1.0219	0.0800937	1.11742	1.11742	0.427375	1.15676	1.15676	0.809357	1.0056589	1.07755	1.072262	1.08444	1.08444	0.875222	1.03178	1.03178	0.698537	1.08057	1.08057	1.08057	0.0217604	1.17306	1.17306	1.15862	0.272829	0.558387	1
cg09194930	MTS1	0.423119	0.475955	2.06212	2.06212	0.156063	0.55114	1.55011	0.710488	1.45105	1.45105	0.993976	0.902491	-1.10757	0.291653	0.335381	2.98168	0.961192	1.04978	1.04978	0.0624805	0.111241	0.511746	4.37198	0.108106	0.108106	0.222009	3.6021	1.35857	1.15857	18.2927	14.0347	1
cg05000275	SURF6	0.423119	0.4007	1.45405	1.45405	0.159864	0.587169	1.42525	0.708465	0.848431	-1.13842	0.528875	0.782483	-1.27813	0.288666	0.84743	-1.17966	0.636711	1.18067	1.18067	0.215767	0.581653	-1.72225	0.50367	0.838075	1.19356	0.183857	0.839235	1.19156	1.15857	1.48622	1.08067	1
cg01384143	C3orf14	0.423124	0.62977	1.18141	1.18141	0.909695	1.03971	1.03971	0.392264	1.35097	1.35097	0.66172	0.85975	-1.16313	0.487606	0.785019	-1.27385	0.04833372	1.461008	-2.16916	0.264557	1.49051	1.49051	0.811648	1.08539	1.08539	0.442803	1.30811	1.30811	1.15856	2.16158	1.65844	1
cg26702929	HRJHR;HRJHR	0.423144	0.512047	1.2388	1.2388	0.48683	1.25548	1.25548	0.452278	1.27966	1.27966	0.70736	0.885639	-1.12913	0.470262	1.26687	1.26687	0.210102	1.5301	1.5301	0.0513343	0.488437	-2.04216	0.721905	1.12197	1.12197	0.936519	0.974674	-1.02598	1.15851	1.90282	1.45997	1
cg20103368	BBC3;BBC3;BBC3;BBC3	0.423157	0.825778	1.09781	1.09781	0.242484	1.51273	1.51273	0.161711	2.45732	2.45732	0.641817	1.32558	1.32558	0.458323	1.63483	-1.73517	0.360139	1.17631	1.17631	1.76E-13	7	7	0.898543	1.07977	1.07977	0.138775	1.26287	1.26287	1.15794	5.87662	5.09628	1
cg00329441	ADAMTS2;ADAMTS2	0.423157	0.886696	1.05747	1.05747	0.521719	1.28986	1.28986	0.749579	0.882036	-1.11374	0.8758	0.940535	-1.06322	0.0393144	0.392748	-2.54616	0.248673	1.60423	1.60423	0.465236	1.33817	1.33817	0.532968	1.28084	1.28084	0.693889	0.856375	-1.16771	1.15849	2.81883	2.16285	1
cg24002183	RASAL3	0.423157	0.696423	1.1566	1.1566	0.629263	1.58159	1.58159	0.688703	0.93061	2.01061	1.838487	1.38812	1.38812	0.4191	1.81048	-1.2383	0.295672	0.668722	-1.49509	0.556147	0.810484	1.23401	1.234021	0.622966	-1.60527	0.403891	1.37281	1.37281	1.15842	1.93833	1.5321	1
cg22568860	FSIP1	0.423159	0.885571	1.03424	1.03424	0.775366	1.06926	1.06926	0.354082	0.789693	-1.25002	0.911377	0.974276	-1.0264	0.129596	0.681621	-1.46709	0.722298	0.919869	-1.08711	0.706423	1.43856	1.58556	0.387753	0.772332	-1.29478	0.867821	1.03976	-1.03976	1.15848	1.00519	0.771268	1
cg06834875	HHIPL1;HHIPL1	0.42317	0.565463	1.367	1.367	0.269835	1.8557	1.8557	0.222789	1.99237	1.99237	0.406569	0.633279	-1.57908	0.197463	0.480437	-2.08144	0.840434	1.11457	1.11457	0.287614	1.81134	1.81134	0.215347	0.495736	-2.0172	0.858017	1.10115	1.10115	1.15846	5.31195	4.07587	1
cg02770985	SEMA4C	0.423173	0.97658	1.01766	1.01766	0.629263	1.58159	1.58159	0.688703	0.93061	2.01061	1.838487	1.38812	1.38812	0.4191	1.81048	-1.2383	0.295672	0.668722	-1.49509	0.556147	0.810484	1.23401	1.234021	0.622966	-1.60527	0.403891	1.37281	1.37281	1.15842	1.93833	1.5321	1
cg20872461	RFC4;RFC4;RFC4	0.423178	0.483465	0.884212	-1.13095	0.596304	1.09678	1.09678	0.567273	1.10553	1.10553	0.582815	1.1006	1.1006	0.869801	1.02873	1.02873	0.0358159	1.52506	1.52506	0.507335	0.890	-1.12325	0.363418	1.17516	1.17516	0.454102	0.876547	-1.14084	1.15844	0.547822	0.420351	1
cg03784611	MF2;MF2	0.423183	0.2255392	0.482002	-1.85003	0.0418295	0.449352	1.86207	0.0497552	0.388238	2.57437	0.0918823	0.956437	1.04597	0.191863	0.553366	-1.8064	0.260537	1.44883	1.44883	0.0516406	0.199017	-5.02471	0.0447356	0.738707	-1.35359	0.547524	0.66356	1.50703	1.15841	3.88401	2.7	1
cg18856252	TYK2;TYK2	0.423182	0.597009	0.898206	-1.11333	0.744171	1.06811	1.06811	0.649397	1.09646	1.09646	0.945722	0.986396	-1.01379	0.185152	1.32676	1.32676	0.356456	1.21026	1.21026	0.188795	0.75568	-1.32331	0.266393	0.792154	-1.26238	0.16671	1.34535	1.34535	1.15843	0.742754	0.56993	1
cg07830677	CDL25A1;CDL25A1	0.423183	0.362767	0.512845	-1.94961	0.108862	0.286998	-3.48434	0.424304	0.765113	-1.30677	0.518678	0.765173	-1.30683	0.0449853	0.193253	-5.17455	0.409201	0.647461	-1.54429	0.0824304	0.189249	-5.28435	0.0609349	-1.81078	0.615323	0.626218	-1.59967	1.15843	9.35073	7.171	1
cg03533590	LRP5	0.423189	0.749396	0.841165	-1.1832	0.47988	1.46424	1.46424	0.953504	0.960857	-1.04158	0.203123	0.968857	-1.03108	0.427107	0.653369	-1.53053	0.0522233	0.3139	3.18675	0.100007	0.388281	2.57545	0.652163	0.780605	1.31926	1.31926	0.583634	0.989291	-1.01082	1.15842	2.06489	1.87876	1
cg12734449	PPP1R11	0.423198	0.400359	1.40958	1.40958	0.162713	0.551956	-1.81174	0.86356	0.93171	-1.071	0.733616	1.14593	1.14593	0.165796	1.80288	1.80288	0.185695	0.571437	-1.74997	0.39539	1.41496	1.41496	0.447326	0.734293	-1.36185	0.635488	0.826613	-1.20976	1.1584	2.91756	2.23876	1
cg24398108	CYFIP1;CYFIP1	0.423199	0.577934	1.73076	1.73076	0.130903	0.784353	1.05351	0.0651365	1.12686	1.12686	0.319938	1.366209	1.36621	0.0497754	1.61886	-1.61886	0.449032	1.12286	1.12286	0.0199358	0.266204	3.75763	0.0844634	0.449136	2.22586	0.0844634	0.449136	2.22586	0.0844634	0.449136	2.22586	1.15841	1.00001	0.921691	0.967182	-1.03391	1.1584	2.21285	1.62127	1
cg23721301	SMND1	0.423231	0.41117	1.54108	1.54108	0.605244	0.764651	-1.30779	0.329348	0.559568	-1.67879	0.899109	1.06746	1.06746	7	7	7	0.446538	-2.24448	0.587771	0.754527	-1.32533	0.100113	0.395667	-2.52737	1.14324	3.72979	3.72855	1
cg06574436	TET;TET2	0.423237	0.171912	1.44575	1.44575	0.259983	0.914444	-1.0888	0.0832422	0.587193	-1.70302	0.578384	0.855676	-1.16837	0.253551	0.719147	-1.39054	0.588137	0.85916	-1.16393	0.449593	0.807357	-1.23861	0.753989	0.916284	-1.09136	0.187097	0.678867	-1.47304	1.15832	1.41407	1.08515	1
cg16489192	MDH2;STXL1	0.423247	0.484969	1.20837	1.20837	0.482132	0.826511	-1.20991	0.463264	1.16885	1.16885	0.864613	1.04674	1.04674	0.823876	1.06126	1.06126	0.886338	1.03888	1.03888	0.311077	0.647387	-1.54468	0.0544379	0.558754	-1.78968	0.443825	0.812024	-1.23149	1.1583	1.30502	1.01148	1
cg10759983	PXDNL	0.423248	0.102375	0.642414	-1.55663	0.32274	0.776572	-1.28771	0.387657	1.24508	1.24508	0.292087	0.732292	-1.36558	0.293729	0.763665	-1.30948	0.341527	0.78456	-1.2746	0.496658	1.18487	1.18487	0.182704	0.96411	-1.03723	0.236469	0.735583	-1.35947	1.1583	1.1243	0.862803	1
cg21331369	USP11	0.423251	0.2700309	0.8855	-1.12896	0.0484281	0.267174	-3.74288	0.939505	0.956546	-1.04543	0.470496	0.65069	-1.53683	0.163026	0.4183	-2.39063	0.481223	0.657668	-1.52052	0.192095	0.445659	-2.24383	0.220992	0.47091	-2.12355	0.659137	1.29671	1.15862	6.2869	4.82327	1
cg22535729	RP1	0.423251	0.655553	1.15684	1.15684	0.204627	1.54397	1.54397	0.407192	0.75947	-1.31671	0.723751	0.891223	-1.12205	0.362458	0.738049	-1.35492	0.588555	1.1939	1.1939	0.129412	1.70179	1.70179	0.436406	1.29389	1.29389	0.229461	0.664176	-1.50563	1.15829	1.93175	1.48246	1
cg08180151	SHSA7	0.423255	0.083916	0.269248	-3.71405	0.158055	2.81678	2.81678	0.845424	1.14334	1.14334	0.619734	0.762155	-1.31207	0.492776	0.55566	-1.79966	0.300112	2.08875	2.08875	0.444249	0.170785	5.85556	0.0239884	0.909583	-1.09941	0.97753	0.75529	-1.32339	1.15828	6.8925	6.42994	1
cg13364420	ETFB;ETFB	0.423257	0.347231	0.830672	-1.20384	0.334986	0.826272	-1.21025	0.155511	0.747285	-1.33818	0.3655	0.83676	-1.19509	0.559887	1.11963	1.11963	0.297368	0.812956	-1.23008	0.202862	1.209392	1.209392	0.28109	0.784678	-1.27441	0.494772	0.875564	-1.14212	1.15828	0.673979	0.517225	1
cg10439911	MAT2A	0.423258	0.640097	1.28334	1.28334	0.244423	0.509904	-1.96115	7	7	7	0.848024	0.903964	-1.10624	7	7	7	0.483177	1.16218	1.16218	0.229085	0.344992	-2.89855	0.0844634	0.449136	2.22586	0.0844634	0.449136	2.22586	0.0844634	0.449136	2.22586	1.15827	0.816002	0.626224	1
cg21681289	TUBA1B	0.423262	0.49952	1.16567	1.16567	0.405912	0.805952	-1.24077	0.0571955	1.57426	1.57426	0.221227	1.18921	1.18921	0.0903797	0.950288	-1.05231	0.483177	1.16218	1.16218	0.229085	0.344992	-2.89855	0.0844634	0.449136	2.22586	0.0844634	0.449136	2.22586	0.0844634	0.449136	2.22586	1.15827	0.816002	0.626224	1
cg21599168	EPHB6	0.423269	0.0901398	0.391351	-2.55525	0.262654	1.79792	1.79792	0.171377	2.07815	2.07815	0.35449	1.61362	1.61362	0.957685	0.9737	-1.02701	0.38961	1.55713	1.55713	0.50891	1.39903	1.39903	0.986874	1.0083	1.0083	0.698227	0.822257	1.21616	1.15825	4.62836	3.55199	1
cg17038049	HOG22	0.423274	0.156354	0.6102	-1.63888	0.0484281	0.267174	-3.74288	0.939505	0.956546	-1.04543	0.470496	0.65069	-1.53683	0.163026	0.4183	-2.39063	0.481223	0.657668	-1.52052	0.192095	0.445659	-2.24383	0.220992	0.47091	-2.12355	0.659137	1.29671	1.15862	6.2869	4.82327	1
cg07042832	CLDN11	0.423288	0.616676	1.19819	1.19819	0.834153	0.927636	-1.07801	0.30136	0.681377	-1.46762	0.650941	0.849434	-1.17725	0.121236	0.547743	-1.82567	0.789262	1.10073	1.10073	0.264537	1.51684	1.51684	0.0868254	0.507854	-1.96907	0.784398	0.906419	1.10324	1.15821	2.35449	1.80699	1
cg15201677	GNL1	0.423299	0.786702	0.945774	-1.05533	0.757007	1.06958	1.06958	0.804593	0.951878	-1.05056	0.388787	1.19167	1.19167	0.478425	0.866685	-1.15382	0.991827	1.00204	1.00204	0.328806	1.22153	1.22153	0.26224	1.28695	1.28695	0.0570977	0.652214	-1.53324	1.15819	0.7230055	0.554932	1
cg18643176	CSNK2B;BAT4;CSNK2B	0.423305	0.107004	0.740284	-1.35048	0.0484281	0.267174	-3.74288	0.939505	0.956546	-1.04543	0.470496	0.65069	-1.53683	0.163026	0.4183	-2.39063	0.481223	0.657668	-1.52052	0.192095	0.445659	-2.24383	0.220992	0.47091	-2.12355	0.659137	1.29671	1.15862	6.2869	4.82327	1
cg17198320	DIP2C;C10orf108;C10orf108	0.42331	0.623689	0.697572	-1.43354	0.0944906	0.262193	-3.81398	0.0608921	0.214671	-4.65829	0.846818	1.11155	1.11155	0.389588	0.526173	-1.90052	0.836559	0.860324	-1.16235	0.468926	1.71027	1.71027	0.529925	0.629122	-1.58952	0.637779	1.41253	1.41253	1.15817	9.7296	7.46744	1
cg26352734	RABIF	0.423314	0.510705	0.852619	-1.17286	0.0747495	0.158055	2.81678	2.81678	0.845424	1.14334	1.14334	0.619734	0.762155	-1.31207	0.492776	0.55566	-1.79966	0.300112	2.08875	2.08875	0.444249	0.170785	5.85556	0.0239884	0.909583	-1.09941	0.97753	0.75529	-1.32339	1.15828	6.8925	6.42994	1
cg01939195	ZFYVE28	0.423315	0.493091	1.34611	1.34611	0.0825567	0.27282	2.27282	0.627028	1.23255	1.23255	0.660567	2.46821	2.46821	0.852918	0.08247	-1.08247	0.437089	1.72842	1.40284	0.408095	1.43

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	FSTL4	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	p-value(1347 vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg44670124	FSTL4	0.963562	0.980828	-1.01955	0.760895	0.882728	-1.13285	0.866873	0.931375	-1.07168	0.936399	1.25417	1.25417	0.173356	1.84758	1.84758	0.315774	1.55196	1.55196	0.0350436	2.83115	2.83115	0.2549876	1.65471	1.65471	0.625323	1.23188	1.23188	1.15743	3.29153	2.52784	1
cg05819371	BTG1	0.423669	0.129512	0.479022	-2.08759	0.0735101	0.407948	-2.45129	0.33365	0.638846	-1.56532	0.233342	0.570355	-1.75329	0.57163	0.170336	0.518857	-1.92731	0.525546	0.748969	-1.33517	0.160886	0.510193	-1.96004	0.245734	0.579533	-1.72553	0.397756	0.677686	-1.47561	1.57141	3.7013	2.84259	1
cg07291836	TPS3RK	0.423682	0.20733	0.347876	-2.87459	0.116669	0.258296	-3.87153	0.261574	0.394676	-2.53373	0.588793	1.5425	1.5425	0.0665376	0.195181	-5.12345	0.630487	0.680526	-1.46945	0.258029	0.391711	-2.55291	0.714047	0.746586	-1.33943	0.630791	0.680762	-1.46894	1.15738	11.5589	8.87744	1
cg08523403	STK24	0.424063	0.440683	0.790703	-1.2647	0.538913	0.830464	-1.20451	0.215314	0.677386	-1.47626	0.399718	1.73039	-1.29365	0.153393	0.633446	-1.57863	0.349119	0.749862	-1.33358	0.328353	1.35162	1.35162	0.204885	1.49107	1.49107	0.591362	1.8505063	-1.17569	1.15738	1.63496	1.25168	1
cg12068257	FBLIM1;FBLIM1;FBLIM1;FBLIM1	0.424686	0.99544	1.00432	1.00432	0.14499	3.26009	3.26009	0.353823	0.20543	2.05493	0.949398	0.953213	-1.04908	0.15051	0.312397	-3.20105	0.394929	0.517975	-1.9306	0.453237	0.561656	-1.78045	0.702737	1.33575	1.33575	0.211991	0.370605	-2.69829	0.173746	0.18732	10.4486	8.02477	1
cg06809432	SHSA9;SHSA9	0.426383	0.366828	0.552964	-1.80844	0.285357	2.03225	2.03225	0.259131	2.12201	2.12201	0.795659	1.1804	1.1804	0.776313	1.19967	1.19967	0.37133	0.556224	-1.7979	0.612151	1.38645	1.38645	0.0703471	2.27453	-3.64259	0.887942	1.00979	1.00979	1.15736	4.78612	5.74955	1
cg22045271	PIK3CD	0.423705	0.303416	1.90063	1.90063	0.0335771	4.46204	4.46204	0.943423	1.04369	1.04369	0.991412	0.993537	-1.0065	0.812901	1.15355	1.15355	0.87973	0.912817	-1.09551	0.64787	1.31921	1.31921	0.102279	2.93658	2.93658	0.514835	1.4887	1.4887	1.15733	6.65264	5.10955	1
cg13286691	KCNQ1	0.423714	0.511387	0.6496568	-1.49128	0.4488244	1.59245	1.59245	0.615915	0.949144	-1.36486	0.985599	0.981933	-1.01093	0.351246	0.517804	-1.9309	0.779381	0.84212	-1.18748	0.107295	0.347012	-2.8817	0.6934682	0.261268	-3.82748	0.955538	1.03413	1.03413	1.15732	6.64295	5.10219	1
cg22454370	MEIS3;MEIS3	0.423724	0.859365	1.1268	1.6222251	1.330999	0.1183605	5.204093	0.30654	0.09999	1.69999	0.779554	0.432189	1.58653	1.58653	0.660541	1.26976	1.28976	1.28976	0.2295221	1.36522	1.36522	0.789073	0.856944	1.16694	1.573	0.07662	4.66729	1
cg06570930	PPP1R14A	0.423731	0.530581	1.45727	1.45727	0.651203	0.763551	-1.30967	0.885741	0.918302	-1.08897	0.487998	1.51837	1.51837	0.391564	1.6826	1.6826	0.255043	2.02263	2.02263	0.0562669	3.60167	3.60167	0.183187	2.31976	2.31976	0.158648	2.44285	2.44285	1.15728	6.44017	4.94659	1
cg24394592	POLK2C	0.423732	0.588774	1.3892	1.3892	0.1158077	1.22224	1.22224	0.303402	1.15132	1.15132	0.942314	0.990479	-1.00961	0.655727	0.938874	1.46511	0.376633	1.12922	1.12922	0.655727	0.938874	1.4024	0.9628227	0.997818	-1.00219	0.939643	1.010006	1.010006	1.15728	0.320264	0.24599	1
cg13886604	GDAP11;LGDAP11	0.423732	0.762006	1.10049	1.10049	0.370847	1.336	1.336	0.176056	1.57378	1.57378	0.589515	1.18734	1.18734	0.413443	0.768299	-1.30158	0.228768	0.671542	-1.48911	0.13732	0.603814	-1.656414	0.412648	0.760299	-1.28716	0.683502	0.878784	-1.13794	1.15728	1.82146	1.39904	1
cg11956721	FAT1	0.423744	0.801705	1.0891613	1.0891613	0.215325	0.641826	-1.55806	0.39151	0.746019	-1.34826	0.509196	0.796384	-1.25568	0.0929497	0.533404	-1.87405	0.440553	0.746436	-1.3397	0.95205	1.38688	1.38688	0.149565	1.42376	1.42376	0.710945	1.13492	1.13492	1.15726	2.11889	1.62751	1
cg24361212	NIN;NIN;NIN	0.423744	0.955446	0.9806669	-1.01971	0.215526	0.668981	-1.49481	0.146362	0.686798	-1.45603	0.42862	0.823058	-1.21498	0.546095	0.863116	-1.15859	0.177439	0.707935	-1.41256	0.604841	1.1304	1.1304	0.613694	1.1305	1.1305	0.347514	1.26249	1.26249	1.15725	1.0643	0.817491	1
cg12521401	IQSEC3;IQSEC3	0.423748	0.985617	0.993939	-1.0061	0.843743	1.60882	1.60882	0.0965066	0.54043	-1.85038	0.875905	1.05412	1.05412	0.900108	0.958537	-1.04326	0.415089	0.755077	1.32437	0.373329	1.36098	1.36098	0.386432	0.786439	-1.27155	0.0621573	0.49255	-2.03025	1.15725	2.08453	1.60114	1
cg07814958	RFX4	0.423756	0.490238	0.654655	-1.48224	0.773224	0.850229	-1.17615	0.634351	1.30857	1.30857	0.257807	1.04084	1.04084	0.152981	0.423396	-2.36168	0.065153	0.152828	-3.18969	0.0135917	0.215613	0.585873	-1.70686	0.717791	0.815613	-1.22607	0.796265	0.864768	-1.15638	0.57222	0.77958	0.43951	1
cg16852483	ITGBL1	0.423761	0.928632	1.03585	1.03585	0.51699	0.77237	-1.29472	0.1629	0.556779	-1.79605	0.594121	1.23547	1.23547	0.499689	1.30914	1.30914	0.191257	1.72285	1.72285	0.0854033	2.1119	2.1119	0.946554	1.02671	1.02671	0.733512	0.874284	-1.14379	1.15722	2.83274	2.1759	1
cg07184645	CTNNBIP1;CTNNBIP1	0.423764	0.920643	1.063633	-1.03302	0.648779	1.16125	1.16125	0.399292	1.32489	1.32489	0.466797	0.78425	-1.25905	0.0440271	0.470371	-2.12598	0.993656	1.0026	1.0026	0.930428	0.706441	-1.41555	0.192051	0.637493	-1.56364	0.842701	0.937278	-1.06692	1.15721	1.94807	1.49837	1
cg02349974	PUS1;PUS1;PUS1;PUS1	0.423767	0.6745849	0.708329	-1.41107	0.923096	1.01753	1.01753	0.447662	1.04684	1.04684	0.108486	0.175595	1.28738	1.28738	0.144995	0.759929	-1.31591	0.72346	1.06429	1.06429	0.975524	0.994852	-1.00517	0.758021	0.942956	-1.0605	0.976736	1.00013	1.15714	0.5638808	0.43308	1
cg14380444	RERE;RERE	0.423769	0.887539	0.953084	-1.04923	0.01998	0.385368	-2.59492	0.926109	0.968991	-1.032	0.87153	1.0565	1.0565	0.724826	1.12752	1.12752	0.581506	1.2081	1.2081	0.362867	0.72791	-1.3738	0.936132	0.973152	-1.02759	0.650344	0.856446	-1.16762	1.1572	2.11352	1.62347	1
cg18184655	PAKAP1	0.423769	0.28503	1.83256	1.83256	1.87482	0.153632	2.28278	2.28278	0.280758	1.83852	1.83852	0.122127	2.30098	1.58	0.466099	0.502802	1.49866	0.350346	1.68935	1.68935	0.734099	0.830296	-1.20439	0.524863	1.42117	1.42117	0.154164	2.29809	2.29809	1.1572	5.45299	4.18864	1
cg18733974	PHF21B;PHF21B	0.42377	0.615526	0.910978	0.609676	1.11174	1.11174	0.648943	1.0863	1.0863	0.337786	1.22542	1.22542	0.198101	1.32288	1.32288	0.107354	1.43553	1.43553	0.300097	0.801798	-1.2472	0.423382	0.845179	-1.18318	0.302017	1.24603	1.24603	1.1572	0.775572	0.595747	1
cg08983011	BCL9L	0.423771	0.490372	0.7135445	1.3901	0.19854	0.3508	0.63508	0.0933912	0.49187	0.49187	0.859111	0.875325	1.14299	1.14299	0.830408	1.20344	0.379958	0.830838	-1.20398	0.199469	0.344096	-2.2267	0.5907902	1.5161	1.5161	0.818019	1.12045	1.12045	1.1572	0.61449	0.485815	1
cg10477073	PITPNM2	0.423771	0.211127	2.0525	2.0525	0.173654	2.20352	2.20352	0.402631	1.59595	1.59595	0.264725	1.88592	1.88592	0.341957	0.5860317	4.70643	0.536143	1.40765	1.40765	0.214856	2.0393	2.0393	0.268581	1.87555	1.87555	0.142297	2.36528	2.36528	1.1572	5.45931	4.19351	1
cg03184979	GJA3	0.423772	0.519257	0.816007	-1.23364	0.093927	0.553262	-1.80746	0.48525	1.25597	1.25597	0.561728	0.828152	-1.20751	0.407927	0.476047	1.26018	1.26018	0.199587	0.646914	-1.5458	0.953795	0.983532	-1.01674	0.217773	1.51692	1.51692	0.658671	1.15358	1.15358	1.1572	1.892093	1.45404	1
cg23482839	SFXN5	0.423775	0.37722	1.53094	1.53094	0.0401005	1.65126	1.65126	0.0916316	0.263688	1.74597	0.193188	0.563847	1.56195	1.56195	0.0234346	1.78224	0.423396	2.36186	2.36186	0.0455135	0.312628	-3.18969	0.154579	0.645553	1.47409	1.47409	0.0619948	-1.01949	0.883786	1.07772	1.077772	0.97573	0.749867	1
cg21396553	CDX7;A2L	0.42378	0.317065	1.24246	1.24246	0.173078	0.738007	-1.355	0.202589	0.754	-1.32626	0.39734	0.994579	-1.00545	0.86396	0.964645	-1.03665	0.770325	0.940402	-1.06337	0.0948847	1.46999	1.46999	0.715629	1.07982	1.07982	0.635587	0.904658	-1.10539	1.15718	0.807454	0.620247	1
cg11776115	DOT1L	0.423783	0.399205	0.664069	-1.50397	0.443644	1.64166	1.64166	0.0648009	0.754502	-1.32562	0.648483	0.874052	1.14432	1.14432	0.486797	0.784235	-1.27506	0.572322	1.74705	0.0264135	0.373437	-2.67973	0.264173	0.753253	1.32753	1.32753	0.0264135	-1.64488	0.608	-1.822	0.437	3.1623	2.1447	1
cg00236052	GAINT9;GAINT9	0.423791	0.182682	0.713688	-1.40117	0.160407	0.143003	0.143003	0.983762	0.995157	-1.00487	0.827456	0.949264	-1.05345	0.464337	0.837241	-1.1944	0.890696	0.967735	-1.03334	0.8244058	0.576564	1.57664	0.949189	0.91532	-1.01358	0.589817	0.878253	0.183862	1.15715	1.04273	0.80099	1
cg05025913	PPIB;PP2	0.423795	0.911923	0.979399	-1.02103	0.358042	0.833636	-1.19956	0.0781043	0.68602	-1.45768	0.705749	1.07576	1.07576	0.903931	0.977023	-1.02352	0.156661	0.747022	-1.33865	0.330636	1.21319	1.21319	0.386608	0.842941	-1.18632	0.256936	0.796296	-1.25582	1.15715	0.679228	0.521765	1
cg18207790	FAM416A	0.423801	0.21274	1.7999	1.7999	0.0876302	0.931443	-1.1232	0.688447	0.257782	1.598	0.466066	0.707309	1.44636	1.44636	0.327079	0.516182	1.94106	0.372072	2.66735	0.0179339	0.915182	-1.09206	0.163435	1.92422	-6.48421	0.219083	0.222809	-6.48816	1.15713	24.7311	18.9979	1
cg11240634	FGF10	0.42381	0.955994	1.00816	1.00816	0.648611	1.06982	1.06982	0.0570203	1.37295	1.37295	0.819293	0.96688	-1.03425	0.51475	0.907345	-1.10212	0.796009	0.962587	-1.03887	0.334612	0.863757	-1.15773	0.168808	1.24086	1.24086	0.412282	1.13132	1.13132	1.15712	0.370107	0.304986	1
cg00403068	FGF8;FGF8;FGF8;FGF8	0.423817	0.107334	1.66045	1.66045	1.33644	0.16035	2.31832	0.0703502	0.572609	1.74614	0.659355	0.729143	1.37163	1.37163	0.576269	0.728403	1.44994	0.729141	1.37098	0.0294418	0.344944	2.9012	1.45439	0.689705	1.72491	0.579958	0.724611	1.72491	0.579958	0.724611	1.15712	0.72491	0.597547	1
cg10596925	MAP2K4	0.423828	0.41659	1.29104	1.29104	0.67085	0.876755	-1.14057	0.689648	1.13145	1.13145	0.170939	1.56608	1.56608	0.55706	0.832996	-1.20049	0.596591	0.84844	-1.17863	0.720219	1.11701	1.11701	0.0582433	1.51762	-1.93192	0.538914	0.825793	-1.21096	1.15708	1.73479	1.3327	1
cg20161976	ALOX12B	0.423831	0.119229	11.124	11.124	0.520874	2.52742	2.52742	0.98904	0.966507	-1.00351	0.403558	1.37997	1.37997	0.339461	0.406654	0.40654	0.368671	0.268324	-3.72684	0.558508	0.203144	7	7	7	0.518578	0.714987	-1.39863	0.419309	1.42794	1.16244	3.66852	3.15587	1
cg23842482	CCHCR1	0.423837	0.617359	0.6942	-1.44035	0.0736212	0.875652	-1.14204	0.346	0.51473	-1.94365	0.135047	2.3012	2.3012	0.0135907	0.434904	2.30014	0.766145	1.15708	1.15708	0.0982459	0.0203391	7	7	7	0.518578	0.714987	-1.39863	0.419309	1.42794	1.16244	3.66852	3.15587	1
cg25195210	VEPH1;VEPH1;VEPH1;VEPH1;VEPH1	0.423848	0.17632	3.25284	3.25284	0.0981244	2.43115	2.43115	0.776841	1.26259	1.26259	0.861813	1.15368	1.15368	0.86289	0.86777	-1.15238	0.39327	2.04941	2.04941	0.649841	1.45501	1.45501	0.133475	3.77383	3.77383	0.0851455	4.76756	4.76756	1.15704	12.3373	9.47808	1
cg04273857	CCDC53;CDC53	0.423851	0.824533	1.0902	1.0902	0.0555	1.16356	1.16356	0.0610768	1.52668	1.52668	0.819768	1.07427	1.07427	0.674734	1.1564	1.1564	0.113796	0.605387	1.65144	0.371883	0.92609	-1.08001	0.803083	1.07884	-1.41079	0.157103	0.80599	1.08746	-1.41079	0.157103	0.80599	1.18746	1
cg19382572	FGGY;FGGY	0.423873	0.147052	0.632157	-1.58189	0.350478	0.132741	1.32741	0.818507	0.934503	-1.07009	0.472608	1.24024	1.24024	0.678473	0.884241	-1.13091	0.072847	0.554471	-1.80352	0.393388	1.28951	1.28951	0.655573	0.876069	-1.14146	0.972955	0.990058	0.101004	157	1.59167	1.22283	1
cg03352173	SLC9A10	0.423877	0.111521	0.285919	-3.4975	0.701949	1.32015	1.32015	0.961344	1.03563	1.03563	0.495672	0.606707	-1.64824	0.148496	0.326456	-3.0632	0.410949	0.544805	-1.83552	0.0592692	0.214775	-4.65603	0.458621	0.579777	-1.7248	0.867823	0.886641	-1.12785	157	9.56103	7.34548	1
cg06431527	PBX2	0.423876	0.708311	1.0415	1.0415	0.26208	0.834755	-1.19784	0.0715	0.53668	1.32083	0.210764	2.32083	2.32083	0.0139768	0.364763	-2.74216	0.365787	0.816154	-1.16656	0.233647	0.120442	3.9996	1.6875	0.0731	1.10731	0.508784	0.808157	-1.13139	0.76598	0.47054	0.361509	1
cg11207379	TDG	0.423876	0.790124	0.92302	-1.0834	0.622388	0.876401	-1.14103	0.570778	1.18773	1.18773	0.022876	0.441502	-2.265	0.67843	0.882334	-1.13396	0.442423	1.26515	1.26515	0.58322	0.846706	-1.18105	0.775201	1.08979	1.08979	0.665372	0.877651	-1.1394	1.15698	1.65242	1.26953	1
cg16412513	GNL3L;GNL3L	0.423878	0.4145	1.0196	1.0196	0.0777	0.776	-1.1965	0.857663	0.828382	1.18273	0.36671	0.36671	0.177057	0.777652	0.828382	-1.44717	0.776782	1.36371	1.36371	0.177035	0.775557	0.219534	2.06504	-1.44144	0.193227	0.517353	-1.93292	0.709705	0.627184	-1.59455	0.191767	0.87599	-1.14393	0.210326	1.15704	0.879551	1.43395	1
cg12004787	FGF19	0.423888	0.149232	3.47857	3.47857	0.103899	4.2343	4.2343	0.179925	0.317281	-3.15178	0.563185	1.6018	1.6018	0.613513	0.663306	-1.5076	0.870115	0.876423	-1.141	0.927133	1.07652	1.07652	0.461024	1.83112	1.83112	0.430375	1.91322	1.91322	1.15697	1.9055	9.14687	1
cg06431527	PBX2	0.423876	0.708311	1.0415	1.0415	0.26208	0.834755	-1.19784	0.0715	0.53668	1.32083	0.210764	2.32083	2.32083	0.0139768	0.364763	-2.74216	0.365787	0.816154	-1.16656	0.233647	0.120442	3.9996	1.6875	0.0731	1.10731	0.508784	0.808157	-1.13139	0.76598	0.47054	0.361509	1
cg11207379	TDG	0.423876	0.790124	0.92302	-1.0834	0.622388	0.876401	-1.14103	0.570778	1.18773	1.18773	0.022876	0.441502	-2.265	0.67843	0.882334	-1.13396	0.442423	1.26515	1.26515	0.58322	0.846706	-1.18105	0.775201	1.08979	1.08979	0.665372	0.877651	-1.1394	1.15698	1.65242	1.26953	1
cg16412513	GNL3L;GNL3L	0.423878	0.4145	1.0196	1.0196	0.0777	0.776	-1.1965	0.857663	0.828382	1.18273	0.36671	0.36671	0.177057	0.777652	0.828382	-1.44717	0.776782	1.36371	1.36371	0.177035	0.775557	0.219534	2.06504	-1.44144	0.193227	0.517353	-1.93292	0.709705	0.627184	-1.59455	0.191767	0.87599	-1.14393	0.210326	1.15704	0.879551	1.43395	1
cg12004787	FGF19	0.423888	0.149232	3.47857	3.47857	0.103899	4.2343	4.2343	0.179925	0.317281	-3.15178	0.563185	1.6018	1.6018	0.613513	0.663306	-1.5076	0.870115	0.876423	-1.141	0.927133	1.07652	1.07652	0.461024	1.83112	1.83112	0.430375	1.91322	1.91322	1.15697	1.9055	9.14687	1
cg00476460	ARHGC;ARHGC2	0.423887	0.240634	2.5588	2.5588	0.131776	3.46448	3.46448	0.324944	0.45875	-2.17983	0.751929	1.29918	1.29918	0.267145	0.746503	-1.34005	0.459391	0.81654	-1.22486	0.0507344	0.299134	3.34099	1.42561	0.0975	1.12763	0.135245	0.342254	3.42254	1.15697	1.6098	8.22061	1
cg04301682	G3BP2;G3BP2;G3BP2	0.423887	0.378741	1.25597	1.25597	0.303477	0.887042	-1.16734	0.464044	0.455675	1.19782	0.178292	0.195021	1.19782	0.178292	0.195021	-7.14158	0.429408	1.22578	1.22578	0.0111208	1.54722	1.54722	0.300235	0.762676	-1.31173	0.0622166	0.802216	1.67098	1.15696	0.396665	0.396665	1
cg03843852	PIGB	0.423884	0.133369	0.75707	-1.32088	0.946604	0.988554	-1.01158	0.468692	0.880979	-1.1351	0.250671	0.813577	-1.22914	0.695573	1.06993	1.06993	0.162291	0.773797	-1.29233	0.612742	0.916005	-1.0917	0.294259	0.829457	-1.20561	0.208812	1.25575	1.25575	1.15696	0.541363	0.415927	1
cg27658031	FAM116A	0.423884	0.594168	1.68211	1.68211	0.0978	0.492214	0.98546	0.288169	0.78206	1.1278	1.1278	0.753731	1.10572	1.10572	0.458333	0.80787	1.10794	1.10794	1.10794	0.0450998	2.92208	2.92208	0.0456166	2.41906	1.10642	1.10642	0.0450998	2.92208	1.15694	0.229001	0.175099	1
cg25921194	RNF169	0.423898	0.611209	1.21145	1.21145	0.479987	0.764408	-1.3082	0.456969	0.75319	-1.32769	0.553762	1.25121	1.25121	0.466337	1.31964	1.31964	0.269087	1.58326	1.58326	0.420031	1.36105	1.36105	0.67071	1.17354	1.17354	0.0370943	2.47358	2.47358	1.15693	2.56516	1.97086	1
cg09667289	FMN2	0.423899	0.562358	2.00705	2.00705	0.670439	1.71802	1.71802	0.7636807	0.600066	1.44914	0.5012	2.36061	2.36061	0.0314595	0.0411773	-24.2852	0.479513	2.49155	2.49155	0.0079735	2.91575	2.91575	0.732704	0.6482297	-1.5425	0.0979725	0.894478	-1.11797	1.15693	20.2662	22.501	1
cg01885359	GALNT10	0.423903	0.197011	1.834	1.834	0.19906	0.595936	1.8515124	-1.1631	0.2365214	-1.1631	0.2365214	1.02527	1.02527	0.589878	0.980338	-1.01972	0.0676149	0.761384	-1.3134	0.2277881	0.8605556	1.1138	-1.16204	0.427669	1.1138	-1.16204	0.427669	1.1138	0.8825754	1.01987	1.01987	0.156292	0.32455	0.249359	1
cg25522468	C7orf55	0.423907	0.613076	1.26665	1.26665	0.45353	1.4462	1.4462	0.0376751	0.05733	3.05783	0.128364	1.36817	1.36817	0.341729	0.57477	1.57477	0.517729	1.35526	1.35526	0.436672	0.692241	-1.44458	0.747663	0.863026	-1.1614	0.203121	1.86406	1.86406	1.15691	3.93708	3.02497	1
cg20780337	SLC30A9	0.423918	0.533194	1.87524	1.87524	0.212512	1.67646	1.67646	0.1473	0.1473

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-N)	p-value(1057 vs. N)	Fold-Change(1-vs-N)	p-value(1117 vs. N)	Fold-Change(1-vs-N)	p-value(1127 vs. N)	Fold-Change(1-vs-N)	p-value(1217 vs. N)	Fold-Change(1-vs-N)	p-value(1247 vs. N)	Fold-Change(1-vs-N)	p-value(1477 vs. N)	Fold-Change(1-vs-N)	p-value(3477 vs. N)	Fold-Change(1-vs-N)	p-value(3537 vs. N)	Fold-Change(1-vs-N)	p-value(5377 vs. N)	Fold-Change(1-vs-N)	p-value(5637 vs. N)	Fold-Change(1-vs-N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg17008556	TFE3	0.4243	0.2467093	1.287168	0.482284	1.084283	0.144234	-6.93319	0.543846	0.535674	-1.86681	0.3598889	0.60232	2.605478	0.952627	1.06222	1.06222	0.101652	0.165914	-6.17613	0.929155	1.09456	1.09456	0.7929867	0.765483	1.47134	1.15606	-1.30636	0.705189	1.47134	1.47134	1.15606	18.9004	14.5324	1
cg13713832	PELI3;PELI3	0.4243	0.30711	1.553978	-1.80513	0.692438	1.24869	1.24869	0.875536	0.9161661	-1.09151	0.8415233	0.8941911	-1.11833	0.9199997	0.2084	1.79847	0.4677007	0.6617961	-1.51104	0.8988848	0.9314421	-1.07363	0.6345474	0.7653302	-1.30667	0.371664	0.5990048	-1.669332	1.15605	5.71389	4.3934	1
cg12074084	C1orf228;TMEM53;TMEM53	0.424324	0.3596678	0.901587	-1.10916	0.424067	1.093997	1.093997	0.849358	1.02114	1.02114	0.6770149	1.04715	1.04715	0.126187	0.833591	-1.19963	0.3012666	0.8888856	-1.12504	0.162707	0.8487795	-1.17814	0.9369777	0.9911339	-1.00874	0.2708866	1.1344	1.1344	1.15604	0.2215557	0.1703558	1
cg26814650	TAS1R3	0.424327	0.5028869	0.526026	-1.89027	0.100053	0.4061	0.4061	0.212665	0.4185	0.4185	0.8561874	0.8490744	-1.18517	0.093807	0.2733138	-3.65847	0.3262977	0.3871	-2.58351	0.8000669	0.7890054	-1.26734	0.9242068	1.093112	1.093112	0.5542001	0.5751041	-1.75119	0.15603	16.0566	12.3461	1
cg22082549	ROPN1B	0.424332	0.171944	0.41859	-2.38897	0.631659	1.33546	1.33546	0.186715	0.432462	-2.31234	0.61522	1.35463	1.35463	0.248336	0.4854415	-2.06009	0.936735	0.953569	-1.04869	0.748946	1.21204	1.21204	0.168001	0.414787	-2.41087	0.31162	1.87185	1.87185	1.15602	6.56723	5.04968	1
cg00114160	OR2H1	0.424333	0.8826515	1.07819	1.07819	1.71602	1.20462	1.20462	0.884435	0.3780862	-2.64483	0.0732489	0.3613958	-2.76724	0.591555	0.758804	-1.31786	0.8357586	0.8996335	-1.11156	0.985539	1.00928	1.00928	0.181857	0.4857292	-2.05876	0.3186651	0.5914544	-1.69075	1.15602	4.75391	3.65539	1
cg01082091	FZD9	0.42434	0.328099	0.855222	-1.16929	0.768666	1.04675	1.04675	0.31925	0.8525595	-1.17289	0.78895	1.05318	1.05318	0.84365	1.03107	1.03107	0.1406461	1.27849	1.27849	0.191384	1.239	1.239	0.186063	0.8047631	-1.2426	0.7688331	0.9553366	-1.04672	1.156	0.4394645	0.3379919	1
ch.11.150762R	NUP98;NUP98;NUP98;NUP98	0.424342	0.0662077	0.164137	-6.09248	0.462307	1.047165	1.923945	0.929265	0.925092	-1.08099	0.247958	0.346722	-2.88451	0.139683	0.249131	-4.01012	0.6776588	1.44273	1.44273	0.991203	0.3802354	0.5402055	0.582054	-1.71805	0.85955	0.8561137	-1.16804	1.156	14.0806	10.8271	1
cg04154697	ZFR2	0.42452	0.53484	1.15977	1.15977	0.649887	1.15542	1.15542	0.616949	0.8887763	-1.12516	0.3326368	0.7539625	-1.32655	0.8596233	0.8459633	-1.16329	0.1343571	1.46328	1.46328	0.278811	0.766792	-1.30413	0.3563122	0.7995532	-1.25073	0.7554955	1.07504	1.07504	1.1598	1.018311	0.7828751	1
cg16324009	SHC4;EID1	0.424356	0.423907	0.82866	-1.20677	0.950052	1.01452	1.01452	0.0331827	1.77356	1.77356	0.476126	0.8464221	-1.18145	0.481502	0.8481955	-1.17897	0.7412466	0.92658	-1.07924	0.966671	0.9910003	-1.00908	0.4982826	0.853673	-1.17141	0.5831175	1.13602	1.13602	1.15597	0.96954	0.7455533	1
cg21585306	TF	0.424365	0.2721024	1.67567	1.67567	0.539552	1.30852	1.30852	0.159435	0.6567441	1.52267	0.3509817	1.60734	1.60734	0.320439	1.580576	1.58076	0.9777556	0.987153	1.01301	0.5254442	1.7935	1.7935	0.3624823	0.7377153	1.084841	0.6482053	1.646223	1.15597	3.73124	2.8707	1
cg10761639	PRKCZ;PRKCZ	0.424366	0.5082049	1.31176	1.31176	0.178534	1.78231	1.78231	0.319204	0.51622	1.51622	0.834133	1.088448	1.088448	0.300204	0.6478624	-1.54354	0.5142441	1.30661	1.30661	0.166078	0.815512	1.22622	0.1614488	1.83044	1.83044	0.1188686	1.98343	1.98343	1.15597	2.993405	2.30153	1
cg19495414	OSF3L1	0.42436	0.989724	0.980808	-1.01327	0.2615441	1.31367	1.31367	0.402828	0.4168602	-2.39919	0.692733	0.66605	-1.50139	0.421541	0.4316643	-2.31673	0.4802014	0.2837	2.0837	0.0857762	0.1456198	-6.68716	0.782341	1.32761	1.32761	0.2121221	0.83277	0.83277	1.15596	19.169	14.7402	1
cg09803167	TBCD	0.424363	0.7943358	1.04347	1.04347	0.9563151	1.00686	1.00686	0.8359005	1.02574	1.02574	0.632059	1.06212	1.06212	0.477636	1.09438	1.09438	1.0160643	1.02588	1.02588	0.2200884	0.8512131	-1.17477	0.6611778	0.9463196	-1.05664	0.0591433	1.30496	1.30496	1.15595	0.2856093	0.2196688	1
cg25189904	GNG12	0.424366	0.375761	0.60409	-1.65538	0.690057	1.2489	1.2489	0.318289	0.5644227	-1.77171	0.5517713	0.7161138	-1.39638	0.0539342	0.2972337	-3.36432	0.496742	0.68208	-1.4661	0.140495	0.4515122	-2.40893	0.137275	0.4116696	-2.42898	0.587003	0.73778	-1.35542	1.15595	5.62871	4.3283	1
cg12799119	CCDC33	0.424367	0.2373444	0.510806	-1.95769	0.543459	1.39595	1.39595	0.977268	0.9846065	-1.01557	0.17557	0.2984169	2.704456	-1.17198	0.1729	2.70456	0.1429998	0.1686	1.6086	0.528708	1.41355	1.41355	0.114406	0.2453795	2.53795	0.13898	2.3722	2.3722	1.15594	5.38604	4.34172	1
cg11223735	MGMT	0.424374	0.0775753	0.44493	-2.24754	0.527326	0.767678	-1.30263	0.696333	1.17575	1.17575	0.545634	1.28721	1.28721	0.16675	0.544122	-1.83782	0.3223367	0.65573	-1.52502	0.133934	0.5131081	-1.94891	0.4865597	0.746003	-1.33886	0.9606001	0.979813	-1.0206	1.15593	3.11989	2.39913	1
cg22059970	PAFAH2	0.424378	0.6609803	0.841927	-1.1252	0.588886	0.936732	-1.06754	0.641721	1.24494	1.24494	0.264886	1.27261	1.27261	0.172663	1.152471	0.648428	-2.04738	0.5208934	0.737654	-1.35565	0.6143243	0.4339721	-2.08648	0.6139312	1.26851	1.26851	0.234213	1.79146	1.79146	1.15592	4.00181	3.07734	1
cg20964415	C19orf30	0.424385	0.0603224	0.809161	-1.23585	0.45481	1.07916	1.07916	0.245942	1.1896	1.1896	0.153803	0.9100313	-1.09889	0.482213	0.0862	1.0862	0.8011127	1.02555	1.02555	0.761621	1.03718	1.03718	0.740489	1.07548	1.07548	0.926186	0.990146	-1.00905	1.15591	0.182914	0.140666	1
cg12396622	FAM184A;FAM184A;MIR548B	0.424399	0.1211001	0.713859	-1.40084	0.0909642	0.6884	-1.45264	0.829418	1.04422	1.04422	0.972524	0.9931117	-1.00693	0.524852	0.878781	-1.13794	0.4197335	0.847623	-1.17977	0.240985	1.27909	1.27909	0.487049	0.8679665	-1.15212	0.6656511	1.0911	1.0911	1.15588	0.73616	0.5661119	1
cg15660807	ACCN4;ACCN4	0.424403	0.4005142	0.753149	-1.32801	0.2275556	1.36852	1.36852	0.159128	0.2487363	-4.02636	0.886833	1.01149	1.01149	0.660826	0.7350508	-1.35576	0.3702014	0.528868	-1.89006	0.710085	0.7722151	-1.29498	0.9063884	0.9737291	-1.08484	0.6148402	1.42085	1.42085	1.15587	8.72661	6.794312	1
cg04709074	ZF36L2;LOC100129726	0.424405	0.6809984	0.805336	-1.24172	0.31969	0.5835585	-1.71355	0.022936	2.040486	-2.15824	0.31178	0.578078	-1.72987	0.305745	0.573838	-1.74265	0.81399	1.13138	1.13138	0.499943	0.6986633	-1.43137	0.987394	1.00831	1.00831	0.88984	0.92999	-1.07528	1.15587	5.02146	3.86162	1
cg17916432	CRISD;CRYGD	0.424415	0.199544	1.80251	1.69125	0.2483883	1.33603	1.33603	0.1623825	0.4778	0.4778	0.1477267	0.47301	0.47301	0.1477267	1.35916	1.35916	0.5573464	1.26674	1.26674	0.0080	0.1882312	2.53738	2.53738	0.1815468	1.81548	1.81548	1.231167	1.62731	1.62731	1.15585	2.549	2.116	1
cg16361303	C16orf72	0.424415	0.374393	1.16634	1.16634	0.551852	1.10692	1.10692	0.66279	1.07686	1.07686	0.878031	1.02626	1.02626	0.549699	1.10755	1.10755	0.7531496	1.05468	1.05468	0.321285	0.841194	-1.18879	0.58803	0.9118831	-1.09669	0.0305622	1.53551	1.53551	1.15585	0.521379	0.40096	1
cg09324663	MDFI	0.424417	0.5015547	1.31303	1.31303	0.142344	1.87398	1.87398	0.656019	0.8361115	-1.19601	0.750459	0.8803888	-1.13586	0.511461	0.766531	-1.30458	0.3388873	1.04868	1.04868	0.573331	1.25507	2.55	2.55	0.2455868	2.49365	2.49365	0.678604	1.84636	-1.18101	1.15584	2.918111	2.24414	1
cg22229974	TNN8	0.424426	0.686563	0.818218	0.6858808	0.923588	0.923588	-1.08329	0.289372	0.826304	-1.59159	0.5509326	1.124487	1.124487	0.2008252	0.4729	-2.11479	0.4079799	0.848001	-1.17924	0.354704	1.20267	1.20267	0.2010687	0.5985414	-1.67098	0.6875582	0.922881	-1.08365	1.15582	0.6984049	0.5337877	1
cg25212701	C1orf226;C1orf226;C1orf226	0.424444	0.66122	1.0925	1.0925	0.385967	0.8366485	-1.19519	0.2862655	0.8007777	-1.24879	0.5305544	1.13958	1.13958	0.655791	1.09418	1.09418	0.1762337	1.33438	1.33438	0.187879	1.3231	1.3231	0.623143	0.90541	-1.10447	0.21341	0.7688846	-1.30065	1.15579	0.736791	0.5666645	1
cg10001099	SPTBN1;SPTBN1	0.424447	0.9898801	1.0252	1.0252	0.559391	1.47554	1.47554	0.151673	0.344547	2.90135	0.1625291	0.1816265	3.5599	0.1625291	0.1816265	3.5599	0.4929449	1.33013	1.33013	0.1857832	0.5660996	-1.76648	0.1218492	0.9884	1.0884	0.5737572	0.7911883	-1.26393	1.15579	3.007258	2.36304	1
cg15404040	ZSWIM6	0.424462	0.2880053	1.50462	1.50462	0.288443	1.50409	1.50409	0.143979	0.3626	1.3625	0.2127526	1.625911	1.625911	0.610685	0.8301221	1.20464	0.4864569	1.769753	1.769753	-1.29942	0.143014	0.558194	-1.79149	0.329255	1.45201	1.45201	0.647654	1.58182	1.58182	1.15579	2.135135	1.93141	1
cg04949149	LMBR1L	0.424444	0.99602	0.998829	-1.00117	0.279565	1.3021	1.3021	0.380636	1.23513	1.23513	0.059768	1.64678	1.64678	0.573428	0.874949	-1.14292	0.4949406	0.849804	-1.17674	0.339602	0.79364	-1.26002	0.561174	1.14795	1.14795	0.411248	1.21812	1.21812	1.15578	1.0094	0.776311	1
cg23117250	RAB40B	0.424453	0.8717139	1.06608	1.06608	0.7944599	1.24212	1.24212	0.459128	0.7421561	1.58761	0.3298856	1.26617	1.26617	0.229831	1.384448	1.38448	0.0609947	2.255	2.255	0.0009	0.0178561	2.12357	2.12357	0.1765137	1.51617	1.51617	0.765129	1.12597	0.50789	1.30478	1.15577	2.287105	2.2081	1
cg18324576	C14orf79	0.424454	0.25504	0.802592	-1.24596	0.372004	1.18485	1.18485	0.936672	1.01481	1.01481	0.206722	0.7815583	-1.27945	0.300443	0.8199071	-1.21965	0.769446	1.0559	1.0559	0.330236	1.230434	1.20434	0.15343	1.32693	1.32693	0.652945	1.08737	1.08737	1.15576	0.6268856	0.48211	1
cg03389111	KIR3	0.424455	0.2995444	1.89467	1.89467	0.1150044	1.16369	1.16369	0.0913447	1.15799	1.15799	0.1434147	1.15799	1.15799	0.1434147	1.15799	1.15799	0.5734664	1.16274	1.16274	0.0001	0.0002	1.44869	1.44869	0.4054674	1.20453	1.20453	0.1784612	1.34466	1.34466	1.15576	1.0812	0.8444566	1
cg03442564	VASN;CORO7	0.424456	0.8393006	0.951834	-1.0506	0.243914	1.34503	1.34503	0.132869	1.48325	1.48325	0.669317	1.1101	1.1101	0.266753	0.754789	-1.32487	0.8299318	0.948865	-1.05389	0.0776142	1.61104	1.61104	0.970436	1.00905	1.00905	0.946321	1.01651	1.01651	1.15576	0.1708085	0.832171	1
cg03860250	MICAL2	0.424464	0.9525118	0.955802	-1.04624	0.0555566	5.19173	5.19173	0.504962	1.67126	1.67126	0.980154	0.9812941	-1.01906	0.485687	0.584032	-1.71224	0.518627	1.64338	1.64338	0.925924	1.07315	1.07315	0.160481	0.320599	-1.11916	0.5027151	0.596682	-1.67593	1.15574	10.5489	8.11326	1
cg16649052	NXF7	0.424465	0.53663	1.17961	1.17961	0.2662251	1.35575	1.35575	0.421465	0.8409119	0.8409119	0.8219353	1.06514	1.06514	0.2775425	1.35916	1.35916	0.6662621	0.8098458	-1.23476	0.0473464	0.8013753	1.06514	1.06514	0.2775425	1.35916	1.35916	0.4150515	0.7139268	-1.40141	0.8115568	0.940141	-1.0637	1.15574	1.22379	0.9412129	1
cg10732560	INSJNS-IGF2;INS-IGF2	0.424471	0.173958	0.64085	-1.56043	0.416279	0.7744655	-1.29121	0.662921	1.14445	1.14445	0.120557	0.595729	-1.67862	0.220917	0.673097	-1.48567	0.0861748	0.558086	-1.79184	0.305466	0.7214994	-1.38601	0.66289	0.8737272	-1.14446	0.283878	0.71	-1.40845	1.15573	1.73221	1.33227	1
cg05342296	PABPN1	0.424475	0.9849035	1.01262	1.01262	0.782406	1.07676	1.07676	0.201815	0.9346884	1.07076	0.2818815	0.9346884	-1.07076	0.2818815	0.9346884	-1.07076	0.5020752	0.82222	0.82222	0.0001	0.0001	0.82222	0.82222	0.0001	0.0001	0.82222	0.82222	0.0001	0.0001	0.82222	0.82222	0.0001	0.0001	1.15573	0.453659	0.0098	0.00679	1
cg04841293	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.424482	0.3367054	1.1528	1.1528	0.210973	1.20828	1.20828	0.960715	1.0071	1.0071	0.130517	1.26418	1.26418	0.671788	0.940654	-1.06309	0.2664636	0.8648568	1.18084	0.790731	0.96254	-1.03892	0.210749	0.827535	-1.20841	0.693065	1.0586	1.0586	1.15571	0.377204	0.2901119	1
cg18958684	MGA;MGA	0.424482	0.8415004	0.894448	-1.11801	0.285157	1.86556	1.86556	0.0305029	4.12252	4.12252	0.405971	1.59979	1.59979	0.966357	1.02378	1.02378	0.7908001	1.15966	1.15966	0.634716	1.30559	1.30559	0.177879	2.22035	2.22035	0.291293	1.8406	1.8406	1.15571	5.68148	4.3698	1
cg17938875	PCBP1	0.424483	0.9686604	1.01262	1.01262	0.782406	1.07676	1.07676	0.201815	0.9346884	1.07076	0.2818815	0.9346884	-1.07076	0.2818815	0.9346884	-1.07076	0.5150214	0.942174	-1.06137	0.4142546	1.153311	1.153311	0.3462667	0.9159771	-1.09174	0.2418893	1.12637	1.12637	1.15571	0.1498882	0.115279	1
cg04841293	MLH1;MLH1;MLH1;EPM2AIP1;MLH1	0.424482	0.3367054	1.1528	1.1528	0.210973	1.20828	1.20828	0.960715	1.0071	1.0071	0.130517	1.26418	1.26418	0.671788	0.940654	-1.06309	0.2664636	0.8648568	1.18084	0.790731	0.96254	-1.03892	0.210749	0.827535	-1.20841	0.693065	1.0586	1.0586	1.15571	0.377204	0.2901119	1
cg04841493	C1orf102;C1orf102	0.424483	0.0534323	1.64466	1.64466	0.0218	0.923588	0.923588	-1.08329	0.289372	0.826304	-1.59159	0.5509326	1.124487	1.124487	0.2008252	0.4729	-2.11479	0.4079799	0.848001	-1.17924	0.354704	1.20267	1.20267	0.2010687	0.5985414	-1.67098	0.6875582	0.922881	-1.08365	1.15582	0.6984049	0.5337877	1
cg07906078	RRP15	0.424487	0.327549	1.34729	1.34729	7	0.1731017	0.1731017	0.148128	1.58024	1.58024	0.76539	1.09228	1.09228	0.314459	0.735785	-1.35909	0.7626347	1.03757	1.03757	0.3985842	0.7211884	1.52549	1.52549	0.759623	0.913458	-1.09474	0.1647226	1.54833	1.54833	1.14909	1.40729	1.2247	1
cg07938875	PCBP1	0.424483	0.9686604	1.01262	1.01262	0.782406	1.07676	1.07676	0.201815	0.9346884	1.07076	0.2818815	0.9346884	-1.07076	0.2818815	0.9346884	-1.07076	0.6012057	1.18773	1.18773	0.5885175	1.27361	1.27361	0.2635703	0.6972125	-1.43446	0.1627655	1.61668	1.61668	1.14908	1.149668	1.149728	1
cg04940960	HIH1	0.424487	0.1379494	1.64838	1.64838	0.347378	1.37101	1.37101	0.40833	1.2501	1.2501	0.1382012	1.32012	1.32012	0.2689644	1.54119	1.54119	0.7444424	1.27373	1.27373	0.1733	0.6020132	0.8501168	-1.1682	0.0280143	0.6127254	-1.63198	0.756641	0.943029	-1.06041	0.4683232	1.14996	1.14996	1.1557	0.651769	0.501298	1
cg14578284	SOHLH1;SOHLH1	0.424497	0.9951513	0.00198	0.134331	0.1662569	0.923588	0.923588	-1.08329	0.289372	0.826304	-1.59159	0.5509326	1.124487	1.124487	0.2008252	0.4729	-2.11479	0.4079799	0.848001	-1.17924	0.354704	1.20267	1.20267	0.2010687	0.5985414	-1.67098	0.6875582	0.922881	-1.08365	1.15582	0.6984049	0.5337877	1
cg02997048	NCRNA00167;PRDM10;PRDM10	0.424505	0.455395	0.83725	-1.19439	0.2699511	1.30786	1.30786	0.0889319	1.55015	1.55015	0.796203	0.9413233	-1.06233	0.743247	0.926079	-1.07982	0.3213262	0.787108	-1.27047	0.203434	0.7307766	-1.36841	0.527261	0.8610303	-1.16144	0.89268	1.03204	1.03204	1.15566	0.9991021	0.768487	1
cg07601326	SLC38A4;SLC38A4	0.424506	0.2935568	1.40519	1.40519	0.2458	1.32015	1.32015	0.0672185	0.7565095	1.32425	0.1534255	0.7565095	-1.32425	0.1534255	0.7565095	-1.32425	0.5150763	1.00402	1.00402	0.9955	0.9955	1.00402	1.00402	0.9955	0.9955	1.00402	1.00402	0.9955	0.9955	1.00402	1.00402	0.9955	0.9955	1.15566	0.1272702	0.0076	0.00149	1
cg20038368	TTC14;TTC14	0.424515	0.9835553	1.00785	1.00785	0.179821	0.5823262	-1.71714	0.336698	0.6864644	-1.45636	0.358903	0.68793	-1.45364	0.5824	1.23463	1.23463	0.2242436	1.62344	1.62344	0.143094	1.81718	1.81718	0.727587	0.875707	-1.14193	0.5769881	0.807453	-1.23846	1.15564	2.63637	2.02784	1
cg10632125	CERK	0.424521	0.323239	1.44726	1.44726	0.2726911	1.47621	1.47621	0.7176121	0.8008863	0.9260649	-1.08619	0.7734734	0.9062351	-1.10354	0.4314426	0.7613317	-1.31351	0.889878	0.957513	-1.04437	0.2983669	0.6922951	-1.44448	0.9707304	0.987551	-1.01261	0.0523461	0.747105	-1.33792	1.15563	2.12092	1.65651	1
cg16036951	DUT;DUT;DUT	0.424521	0.5794261	0.554026	-1.80488	0.1000355	0.4061	0.4061	0.212665	0.4185	0.4185	0.8561874	0.8490744	-1.18517	0.093807	0.2733138	-3.65847	0.4794908	0.804269	-1.24337	0.896187	0.7890054	-1.26734	0.9242068	1.093112	1.093112	0.5542001	0.5751041	-1.75119	0.15603	1.094021	1.094021	0.1556	1.683777	1.23913	1
cg23677570	MIR9534;MME1;EME2	0.424525	0.9554311	0.01288	0.012888	0.234782	1.32996	1.32996	0.44034	1.43243	1.43243	0.156835	1.41442	1.41442	0.240544	0.754771	-1.32491	0.6313333	1.11706	1.11706	0.273795	1.29791	1.29791	0.340807	1.25203	1.25203	0.737404	0.925843	-1.0801	1.15562	0.9595534	0.73806	1
cg01777765	MIR9534;MME1;EME2	0.424525	0.9554311	0.01288	0.012888	0.234782	1.32996	1.32996	0.44034	1.43243	1.43243	0.156835	1.41442	1.41442	0.240544	0.754771	-1.32491	0.8595571	0.9645551	-1.03675	0.186222	0.7515548	-1.33059	0.9407787	0.9918823	-1.01823	0.7672393	1.062351	1.062351	1.15562	0.5959534	0.7380626	1
cg14177289	DENND1A PCDHGA4;PCDHGA2;PCDHGB2;PCDHG	0.424525	0.751472	1.13867	1.13867	0.382752	1.44175	1.44175	0.241113	1.6513	1.6513	0.225575	1.68233	1.68233	0.185181	0.563087	-1.77592	0.9495134	0.974451	-1.02622	0.30029	0.64486	-1.55072	0.587418	1.25097	1.25097	0.264542	0.621691	-1.60851	1.15561	1.05764	2.35193	1
cg24015282	A1;PCDHGB1;PCDHGB2;PCDHGA3	0.424533	0.5180887	0.729426	-1.37094	0.223604	0.540279	-1.85089	0.27349	1.73104	1.73104	0.709465	1.19746	1.19746	0.901039	0.16173	1.06173	0.2281679	1.83865	1.83865	0.0815526	2.53333	2.53333	0.617854	0.7849112	-1.27403	0.7433112	1.17143	1.17143	1.1556	4.24333	3.26398	1
cg18019810	AGAP1;AGAP1	0.424537	0.4897663	0.627102	-1.59464	0.0376293	0.2010093	-4.97283	0.185209	0.392787	-2.54591	0.612006	1.40523	1.40523	0.3848	0.558252	-1.80877	0.2283017	0.476207	-2.09993	0.75101	0.826446	-1.20998	0.2638381	0.464522	-2.15275	0.8637997	0.8920283	-1.12097	1.15559	8.09618	6.22764	1
cg07800658	RAB20	0.424546	0.9564543	1.03559	1.03559	0.6721166	0.9165095	-1.08999	0.828975	0.874747	-1.14749	0.4450122	1.04126	1.04126	0.5147	0.8744	-1.14368	0.5538217	1.14635	1.14635	0.3510222	2.412	2.412	0.0063119	3.70534	3.70534	0.2647984	2.09406	2.09406	1.15557	0.7035	0.69345	1
cg26712428	CAUHM1	0.424549	0.0466219	0.34669	-2.30049	0.816576	0.918553	-1.08867	0.855747	0.93354	-1.0689	0.600794	0.8244442	-1.21294	0.175221	0.5902294	-1.69407	0.118758	0.538396	-1.85737	0.336181	0.6096226	-1.46312	0.718371	0.875972	-1.14159	0.2173731	0.622174	-1.60727	1.15557	2.44686	1.88218	1
cg21338857	PRDM16;PRDM16	0.424549	0.3401732	0.787643	-1.26975	0.2699511	1.30786	1.30786	0.0889319	1.55015	1.55015	0.796203	0.9413233	-1.06233	0.743247	0.926079	-1.07982	0.3213262	0.787108	-1.27047	0.203434	0.7307766	-1.36841	0.527261	0.8610303	-1.16144	0.89268	1.03204	1.03204	1.15566	0.9991021	0.768487	1
cg00001791	TMEM182	0.424555	0.933229	1.01973	1.01973	0.0831738	1.56409	1.56409	0.959898	1.01179	1.01179

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg17207060	TTC9C		0.484471	1.0357	1.0357	1.0357	0.534446	1.08093	0.78851	1.07365	0.955207	0.985263	-1.01496	-1.01378074	0.520053	-1.80017	0.313198	0.759023	-1.31748	1.34603	0.77375	-1.29241	0.374519	1.27243	1.27243	0.982439	0.994199	-1.00583	1.15494	1.27796	0.983564	1
cg20256881	INPP5A		0.474845	0.847697	-1.18092	0.5580056	0.533262	-1.87525	0.326559	1.34608	0.2722775	1.39835	1.39835	0.815242	0.933625	1.07109	0.562537	1.18743	1.18743	0.48094	1.23393	1.23393	0.442521	0.79473	-1.25829	0.886606	1.04276	1.04276	1.15494	1.57476	1.21203	1
cg18101367	POLS		0.424866	0.680007	0.918829	-1.08834	0.730869	1.07302	1.07302	0.369653	1.2069	1.2069	0.459551	0.857524	-1.16615	0.928778	0.981918	-1.01842	0.171275	0.742803	-1.34625	0.24631	1.28079	1.28079	0.894903	1.02734	1.02734	0.0827646	0.675599	-1.48017	1.1549	0.762069	0.586539	1
cg20725978	RCAN1;RCAN1		0.424838	0.436579	0.862112	-1.15994	0.850663	1.03593	1.03593	0.668356	1.0702	1.0702	0.128887	0.706494	-1.35778	0.992192	0.998121	-1.00183	0.613074	0.909074	-1.10026	0.191435	1.29505	1.29505	0.152887	0.753125	-1.33134	0.235666	0.792684	-1.26154	1.15487	0.639213	0.491993	1
cg21924430	AK3L1;AK3L1;AK3L1		0.424883	0.809924	1.07981	1.07981	0.500656	1.24338	1.24338	1.24338	1	1	0.725306	0.893669	-1.11898	0.319584	0.720532	-1.38786	0.093638	0.755688	-1.79957	0.276907	0.69174	-1.43386	0.472406	1.26227	1.26227	0.329012	1.37855	1.37855	1.14824	1.54164	1.42961	1
cg17475813	ARID1B;ARID1B;ARID1B		0.424883	0.917772	1.06114	1.06114	0.0866282	2.96723	2.96723	0.345045	1.4283	1.4283	0.273435	1.92507	0.687901	0.7929	-1.26119	0.573932	1.38608	1.38608	0.0528056	1.54283	1.54283	0.974153	0.981554	-1.01879	0.343597	1.75183	1.75183	1.54686	1.04016	1.64908	1
cg10580341	CHID1;CHID1;CHID1;CHID1;CHID1		0.424888	0.0753161	4.38572	4.38572	0.265551	2.37783	2.37783	0.449725	0.5626844	-1.7772	0.631938	1.43375	1.43375	0.571403	0.65246	-1.53266	0.41295	1.86806	1.86806	0.23295	2.59555	2.59555	0.342144	2.07655	2.07655	0.242883	2.49021	2.49021	1.54686	1.01943	1.78465	1
cg19194688	PTPRG		0.424888	0.594291	1.32538	1.32538	0.220387	1.96435	1.96435	0.357175	0.8737755	-1.14448	0.940166	0.961427	-1.04013	0.935111	1.04359	1.04359	0.308465	1.3373	1.3373	0.2953916	1.85214	1.85214	0.0289656	3.85427	3.85427	0.582929	1.33722	1.33722	1.15486	1.02219	3.86557	1
cg07287563	PHF14;PHF14		0.424891	0.610073	0.90585	-1.10394	0.41591	0.852261	-1.17335	0.140625	1.35625	1.35625	0.72974	0.935409	-1.06895	0.6750285	0.48391	1.48391	0.367039	0.836814	-1.19501	0.71504	0.931932	-1.07304	0.911645	1.02157	1.02157	0.940076	0.98565	-1.01456	1.15485	0.760651	0.520358	1
cg12517803	ZNF563		0.424893	0.261851	1.36856	1.36856	0.43248	1.23964	1.23964	0.475876	1.2146	1.2146	0.202315	1.43475	1.43475	0.0670705	1.73397	1.73397	0.614132	1.14606	1.14606	0.240152	0.731063	-1.3907	0.853514	1.05081	1.05081	0.860775	0.954014	-1.0482	1.15484	1.3153	1.01239	1
cg26770917	OLIG1;OLIG1		0.424893	7	7	7	0.0337	0.026667	-37.5	-37.5	7	7	7	7	7	7	0.898984	0.920851	-1.08595	0.65081	1.08432	1.08432	7	7	0.0876573	0.22443	-4.45573	1.36308	4.05173	1.78349	1
cg20831777	PDGFRA		0.424909	0.190677	0.661224	-1.51235	0.149236	0.630223	-1.58674	0.102899	0.587045	-1.70345	0.275977	0.712983	-1.40256	0.266162	0.7076	-1.41323	0.492908	0.8123	-1.23107	0.148732	0.62981	-1.58778	0.353645	0.757549	-1.32005	0.129771	0.613497	1.63	1.15483	1.62993	1.25458	1
cg27271445	IDH3G;SSR4;IDH3G		0.424902	0.209991	0.467406	-2.13708	0.275102	1.9451	1.9451	0.150021	1.47861	1.47861	0.287434	1.95125	1.95125	0.0964268	1.64743	1.64743	0.104934	0.553751	1.82685	0.907593	0.934168	-1.07047	0.766818	1.19044	1.19044	0.674024	1.2816	1.2816	1.15483	0.629065	1.84202	1
cg23867624	FOXC1		0.424902	0.759841	1.05338	1.05338	0.0956623	0.731121	1.36403	0.158928	0.774625	-1.28095	0.557576	0.9042697	-1.10583	0.22768	1.21366	1.21366	0.581342	1.09907	1.09907	0.941552	0.846854	-1.18084	0.557692	1.1058	1.1058	0.833648	1.03632	1.03632	1.15483	0.526179	0.405009	1
cg23642342	SNX19;SNX19		0.424906	0.586442	1.064	1.064	0.769912	1.03368	1.03368	0.423904	1.09663	1.09663	0.705561	1.0438	1.0438	0.178128	1.04171	1.04171	0.070345	1.25666	1.25666	0.692401	0.95609	-1.04593	0.664877	0.951969	-1.05045	0.102257	0.817128	1.2238	1.15482	0.233281	0.179562	1
cg15586799	SYT2;SYT2		0.424913	0.924157	1.08867	1.08867	0.128977	2.11772	2.11772	0.170543	0.9378	-1.06513	0.830056	1.03856	1.03856	0.283844	1.24017	1.24017	0.552002	1.34538	1.34538	0.0944598	1.35649	1.35649	0.0464	-2.08138	0.582371	1.07775	1.07775	1.28575	1.16897	1.28842	2.46221	1
cg07494610	BRP44L		0.424932	0.307132	1.41636	1.41636	0.0896273	1.85172	1.85172	0.476243	1.26933	1.26933	0.937464	0.974496	-1.02617	0.336381	1.38591	1.38591	0.162716	0.612222	-1.63399	0.886545	1.04813	1.04813	0.742505	0.897137	-1.11466	0.294398	1.43055	1.43055	1.15479	1.98263	1.52611	1
cg17156463	LMBRD1;LMBRD1		0.424925	0.381852	1.29367	1.29367	0.260537	0.627307	-1.13685	0.499361	1.18629	1.18629	0.760429	0.928169	-1.07739	0.252404	0.74242	-1.34695	0.094927	0.633057	-1.57964	0.118495	0.655598	-1.52532	0.553078	0.861151	-1.16124	0.394193	0.804594	-1.24286	1.15478	1.15909	0.873736	1
cg02353148	ELOF1		0.424935	0.100146	0.705919	-1.41639	0.0140634	0.9378	-1.06513	0.830056	1.03856	1.03856	0.283844	1.24017	1.24017	0.552002	1.34538	1.34538	0.214135	1.26769	1.26769	0.770134	1.05828	1.05828	0.842662	1.01248	1.01248	0.650598	0.915624	-1.09215	1.15476	0.638553	0.526144	1
cg08584230	MCF2L;MCF2L		0.424938	0.90665	1.04284	1.04284	0.679608	0.861894	-1.16024	0.0563977	0.4549	-2.19829	0.718366	1.13835	1.13835	0.817064	1.08641	1.08641	0.511268	1.26966	1.26966	0.404334	1.35823	1.35823	0.175638	1.68176	1.68176	0.613006	0.833096	-1.20034	1.17586	2.33095	1.54182	1
cg05328931	RFTN1		0.424941	0.421858	0.85641	-1.16735	0.267904	0.826327	-1.21037	0.0913995	0.3827	-2.61219	0.398628	1.19586	1.19586	0.733884	1.13085	1.13085	0.1076	1.1926	1.1926	0.156986	1.33038	1.33038	0.0178825	0.849	-1.05375	0.844306	1.03778	1.15478	1.15474	0.650467	0.500711	1
cg06927717	HIP1R		0.424945	0.795027	0.933858	-1.07083	0.0622599	1.73614	1.73614	0.252481	1.36915	1.36915	0.334477	1.29905	1.29905	0.479149	1.20816	1.20816	0.665433	1.12115	1.12115	0.260675	0.734652	-1.36119	0.675245	0.89516	-1.11732	0.667181	0.892516	-1.12043	1.15474	1.26351	0.972618	1
cg20945212	PPP2R5B;PPP2R3B;PPP2R3B;PPP2R2B;P PP2R2B;PPP2R2B;PPP2R2B		0.424951	0.456555	0.766537	-1.30457	0.698683	0.8725	-1.14613	0.337001	0.706742	-1.41494	0.345642	1.40574	1.40574	0.387258	0.732901	-1.36444	0.490683	1.27823	1.27823	0.0800081	1.97603	1.97603	0.341515	1.4101	1.4101	0.53385	1.24724	1.24724	1.15472	2.24848	1.73085	1
cg14119001	INPP5E		0.424961	0.211769	0.649443	-1.5386	0.498384	0.794411	-1.25249	0.252467	1.47926	0.634181	1.17002	1.17002	0.790411	-1.25269	0.965181	1.00161	0.631808	-1.58276	0.263218	0.882461	-1.46529	0.188342	0.633454	-1.57865	0.725857	1.12222	1.12222	0.371335	0.740326	-1.35076	1.1547	1.96209	1.51042	1
cg25750557	UMO1		0.424967	0.116745	0.807763	-1.23836	0.0772598	1.10051	1.10051	0.84733	1.22322	1.2322	0.470513	1.02106	1.02106	0.152553	0.990025	-1.00239	0.389281	1.14329	1.14329	0.475113	0.628726	1.59109	0.157638	0.689737	0.75768	-1.31989	0.182718	1.10182	1.15469	0.984409	0.615827	0.734341	1
cg06266853	GABBR1;GABBR1;GABBR1		0.424977	0.184957	0.512547	-1.95104	0.352458	1.57597	1.57597	0.963272	1.02213	1.02213	0.291126	1.8485	1.8485	0.128079	0.457467	-2.18595	0.558868	0.755077	-1.32437	0.344064	0.629182	-1.58937	0.714427	1.1909	1.1909	0.500303	0.722352	-1.38437	1.15468	4.13296	3.1816	1
cg19275309	CCNY;CCNY		0.424979	0.577158	0.804644	-1.2439	0.653373	1.19573	1.19573	0.0903285	1.66312	0.609066	0.0323554	2.4215	2.4215	0.121184	0.6723	-1.48738	0.248481	1.60996	1.60996	0.0504194	2.42139	2.42139	0.0178253	0.10887	-9.18387	0.0898728	1.05155	1.15468	2.84965	2.1937	1
cg25387624	LARP1;LARP1		0.424979	0.454352	0.660545	-1.5139	0.869248	1.03979	1.03979	0.291257	1.81467	1.81467	0.900091	1.07073	1.07073	0.0423045	2.05242	2.05242	0.765559	1.84083	1.84083	1.17671	0.754204	0.340605	-2.93595	0.669304	0.791531	-1.26337	0.757246	1.84754	1.15478	1.54667	1.41681	4.16829	1
cg04751533	AFAP1;AFAP1		0.424998	0.465169	0.811271	-1.23263	0.0917966	1.68593	1.68593	0.613384	1.15414	1.15414	0.452676	0.806323	-1.2402	0.726849	0.906032	-1.10371	0.185236	0.673464	-1.48486	0.359167	1.30381	1.30381	0.369321	1.2962	1.2962	0.72171	0.904265	-1.10587	1.14666	1.44791	1.11464	1
cg11170685	BEGAIN;BEGAIN		0.424984	0.238217	1.22145	1.22145	0.0966	1.90125	1.90125	0.0997305	1.98268	1.98268	0.0835925	2.49749	2.49749	0.0884441	2.03189	2.03189	0.0729399	2.74484	2.74484	0.0415	2.05934	2.05934	0.0760422	0.13415	-7.45415	0.0564355	1.0301	1.0301	1.15465	0.854836	1.0301	0.47947	0.369111	1
cg21780812	TAP2;TAP2;TAP2;TAP2		0.424992	0.716047	1.12873	1.12873	0.804603	0.921117	-1.08564	0.872817	1.05454	1.05454	0.855965	0.941546	-1.06208	0.539166	0.884141	-1.06551	0.270835	0.683838	-1.46233	0.421058	1.31321	1.31321	0.337734	1.51256	1.51256	0.547002	0.817068	-1.22389	1.15464	2.00947	1.54698	1
cg27312071	FBXO31;FBXO31		0.424994	0.0732207	1.48501	1.48501	0.0124259	1.24559	1.24559	0.0747356	1.36571	1.36571	0.183288	1.82247	1.82247	0.0909757	1.95291	1.95291	0.0248007	3.07736	3.07736	0.0452132	1.98435	1.98435	0.0244354	0.32537	-3.07301	0.0475443	1.40955	1.40955	1.15467	1.03966	1.45387	1.08	1
cg04154281	UBTF;UBTF;UBTF		0.424999	0.806727	1.08813	1.08813	0.35154	1.39148	1.39148	0.0473682	2.18524	2.18524	0.703204	0.876425	-1.141	0.194157	0.622923	1.60533	0.509222	0.793961	-1.25951	0.796671	0.914872	-1.09305	0.793424	1.09465	1.09465	0.691269	1.14746	1.14746	1.15462	1.27127	1.67156	1
cg14225168	NOTCH1		0.425016	0.656232	1.27002	1.27002	0.725315	1.2071	1.2071	0.269599	0.5415	-1.84668	0.704135	1.22576	1.22576	0.607819	0.323749	-3.08881	0.564341	1.36466	1.36466	0.948494	1.03493	1.03493	0.203272	2.04733	2.04733	0.535402	1.39777	1.39777	1.15459	5.2055	4.00759	1
cg08246920	PKD2		0.425019	0.870944	1.04992	1.04992	0.0776824	1.62582	1.62582	0.152409	0.6422775	-1.52049	0.425272	1.27605	1.27605	0.103255	1.60035	1.60035	0.682824	1.24897	1.24897	1.1646	1.07248	1.07248	0.602731	1.30898	1.30898	0.52504	1.82461E9	-1.31768	1.15458	1.89008	1.26189	1.61251	1
cg18469747	TRAF3;TRAF3;TRAF3		0.425023	0.599257	0.629397	-1.58882	0.0765242	5.58674	5.58674	0.17649	3.50669	3.50669	0.38087	0.456194	-2.19205	0.252202	0.351901	-2.84171	0.753115	0.757591	-1.31997	0.974552	1.02824	1.02824	0.709307	0.721099	-1.38677	0.780198	0.783271	-1.2767	1.15457	1.39419	10.7337	1
cg05137471	GYS1		0.425031	0.570564	1.38202	1.38202	0.0993342	1.51187	1.51187	0.863707	1.04869	1.04869	0.715762	1.03936	1.03936	0.0975503	1.93158	1.93158	0.0965	2.96741	2.96741	0.0153	1.94139	1.94139	0.0116585	0.49504	-2.02019	0.0356	1.50203	1.50203	1.15456	2.84965	2.1937	1.11388	1
cg21759797	ZNRD1;NCRNA00171;ZNRD1		0.425035	0.922962	0.958053	-1.05169	0.696588	0.815327	-1.2265	0.543005	1.37822	1.37822	0.312299	1.7239	1.7239	0.44088	0.641195	-1.55959	0.710647	1.24128	1.24128	0.0362908	2.283077	-3.5326	0.376182	0.623021	-1.60508	0.911339	0.943617	-1.05975	1.14555	0.96381	0.382165	1
cg18039963	ITSN1;ITSN1		0.425038	0.697734	0.918542	-1.08868	0.298775	1.26423	1.26423	0.812861	1.05299	1.05299	0.263879	0.776933	-1.28711	0.113429	1.45501	1.45501	0.653432	0.906292	-1.1034	0.238804	0.764458	-1.30812	0.977785	1.00608	1.00608	0.251226	1.2982	1.2982	1.15454	0.866654	0.667243	1
cg10508046	TRAIP		0.425045	0.771684	0.903431	-1.10703	0.203401	1.37076	1.37076	0.0913124	1.72619	1.72619	0.0982874	1.13123	0.553267	1.80704	0.755003	-1.32458	0.143629	0.837305	-1.19431	0.936001	0.899239	-1.11205	0.888466	1.12578	1.12578	0.984268	-1.01598	0.184297	1.10606	1.15454	0.233495	0.179772	1
cg10427140	PREX1		0.425048	0.198935	0.833299	-1.20005	0.3897	0.888323	-1.12572	0.870804	1.02066	1.02066	0.484623	0.908997	-1.10011	0.992403	0.888951	-1.12492	0.755144	0.958842	-1.04292	0.245575	0.849454	-1.17723	0.256236	1.17259	1.17259	0.160721	1.22298	1.22298	1.15452	0.330023	0.254091	1
cg00458052	WFIKKN1;WFIKKN1		0.425049	0.811907	0.874941	-1.14321	0.0796568	1.42676	1.42676	0.236554	0.8768	-1.14068	0.816353	1.03093	1.03093	0.0860222	1.94849	1.94849	0.0768	2.68286	2.68286	0.0224	1.97848	1.97848	0.0160688	0.61282	-1.63178	0.0224	1.57285	1.57285	1.15452	1.52661	1.34755	1.04775	1
cg13587756	C19orf53		0.425056	0.840591	0.930751	-1.0744	0.77248	1.10883	1.10883	0.746616	1.12246	1.12246	0.467424	0.768369	-1.30146	0.817657	0.921	-1.08578	0.178741	1.60107	1.6637	0.123388	0.551724	-1.8125	0.0966702	1.91526	1.91526	0.896518	0.95469	-1.04746	1.1545	2.32173	1.78759	1
cg00019931	ARHGEF18;ARHGEF18		0.425057	0.195981	0.923434	-1.08316	0.0947268	1.19483	1.19483	0.833911	0.9044139	-1.05917	0.791672	0.907721	-1.10166	0.468824	0.820372	-1.21896	0.203761	0.647415	-1.54383	0.0826295	0.709494	-1.41003	0.0984108	1.15742	1.15742	0.0396886	0.791781	-1.26298	1.1544	1.31959	1.01612	1
cg20570107	ARAP1		0.425070	0.649448	0.806778	-1.23506	0.700444	0.392792	-2.54588	0.136698	0.6569568	0.6457486	0.0185986	1.42407	1.42407	0.193397	0.670445	-1.49155	0.826271	0.903557	-1.10674	0.214148	1.82835	1.82835	0.0197573	1.26278	1.26278	0.57025	1.30097	1.30097	1.15447	1.38388	1.39606	1
cg11858305	PSMA8;PSMA8;PSMA8		0.425081	0.777297	1.21696	1.21696	0.395248	1.82742	1.82742	0.559366	0.6644457	-1.50499	0.473642	1.6564	1.6564	0.265418	0.447694	-2.23367	0.173368	2.72679	2.72679	0.127517	0.319474	-3.13015	0.452088	1.69097	1.69097	0.579837	0.676107	-1.47905	1.15445	8.76698	6.75028	1
cg08039196	ZNF330		0.425086	0.414236	0.809473	-1.23515	0.611366	0.917048	-1.09074	0.393638	0.8966092	-1.11549	0.604245	0.956041	-1.04592	0.766854	0.774403	-1.29099	0.303809	0.83646	-1.19552	0.0820699	0.651015	-1.53606	0.0822456	0.644647	0.920204	-1.081	0.508761	1.1898	1.15444	0.514285	0.395986	1
cg08431323	SERPINB6		0.425088	0.251367	0.816068	-1.22539	0.261822	0.819321	-1.22052	0.647129	0.924507	-1.08166	0.204555	0.796121	-1.25609	0.754372	0.54901	-1.82145	0.911144	0.981167	-1.01919	0.06309	0.700439	-1.42768	0.539691	0.899654	-1.11154	0.348992	1.17845	1.17845	1.15444	0.530332	0.408343	1
cg11980090	TRIM26		0.425107	0.145261	1.53692	1.53692	0.24136	1.39805	1.39805	0.62248	1.14521	1.14521	0.669796	1.12296	1.12296	0.236119	1.40382	1.40382	0.0627237	1.77213	1.77213	0.456038	0.81268	-1.2305	0.957668	1.01114	1.01114	0.894781	0.964492	-1.03681	1.1544	1.10403	1.05092	1
cg20949298	HOXD3		0.425109	0.60023	1.24628	1.24628	0.465431	0.723843	-1.38152	0.59723	1.24859	1.24859	0.744096	0.871057	-1.14803	0.0553382	1.82329	1.82329	0.162	2.98769	2.98769	0.0264	1.90679	-1.02647	0.26487	1.69677	1.69677	0.414312	1.41543	1.41543	1.15439	1.16928	1.24036	1
cg21892758	RPL30		0.425115	0.488584	1.2954	1.2954	0.434867	0.74595	-1.34057	0.572724	0.810855	-1.23327	0.105885	1.91501	1.91501	0.181903	1.68412	1.68412	0.982787	0.902095	-1.00797	0.388676	0.722535	-1.38402	0.258008	1.54249	1.54249	0.387319	1.38537	1.38537	1.15438	2.47409	1.90509	1
cg23169584	EXOC4		0.425118	0.0685356	0.644243	-1.55243	0.0129268	1.42576	1.42576	0.245514	0.4564572	-2.19145	0.116535	1.38802	1.38802	0.0503883	2.00484	2.00484	0.140708	1.64777	1.64777	0.277796	1.64828	1.64828	0.0296522	-1.14087	0.884242	0.908601	-1.10059	0.598135	1.15442	0.704724	0.419	1
cg25723866	LTBP4		0.425135	0.693055	1.12018	1.12018	0.251841	1.40841	1.40841	0.0555605	1.86017	1.86017	0.272745	1.38619	1.38619	0.652346	1.11853	1.11853	0.130791	1.59484	1.59484	0.93595	0.97727	-1.02326	0.259809	1.39972	1.39972	0.192341	1.48403	1.48403	1.15434	1.49621	1.15214	1
cg04475708	SPRSB;DYNLL1;DYNLL1 NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF2		0.425138	0.429002	1.41504	1.41504	0.93651	1.03653	1.03653	0.782391	0.887761	-1.12643	0.0872954	2.25177	2.25177	0.999617	1.00021	1.00021	0.363386	1.49428	1.49428	0.0920806	0.450541	-2.21956	0.719345	1.16776	1.16776	0.679419	0.836124	-1.19564	1.15433	3.37995	2.60272	1
cg10408025	2		0.425139	0.700836	1.16913	1.16913	0.0346691	3.74133	3.74133	0.818503	0.884289	-1.13085	0.44659	1.51445	1.51445	0.473293	1.47731	1.47731	0.39746	1.58969	1.58969	0.320543	0.574758	-1.73173	0.627587	0.769859	-1.29894	0.653608	1.27337	1.27337	1.15433	5.2329	4.02958	1
cg26236674	SLC5A5;SLC5A5		0.425139	0.695184	0.728405	-1.37277	0.0885735	1.52022	1.52022	0.354247	0.8705618	-1.14845	0.466708	1.551115	1.551115	0.0870758	1.74973	1.74973	0.0304047	3.08384	3.08384	0.0119524	1.98552	1.98552	0.0208686	0.651015	-1.53606	0.0822456	0.644647	0.920204	-1.081	0.508761	1.1898	1.15444	0.514285	0.395986	1
cg19559392	MORN2;OHX57		0.425142	0.353666	0.87249	-1.14614	0.0966952	0.7698	-1.29904	0.640848	0.934814	-1.06973	0.413647	1.12739	1.12739	0.742361	1.04052	1.04052	0.140274	0.796417	-1.25562	0.780661	0.960742	-1.04086	0.253568	1.18657	1.18657	0.815502	0.967022	-1.0341	1.15432	0.376316	0.289783	1
cg19990988	IQSEC1		0.425143	0.454322	0.796328	-1.25636	0.7217	0.8621	-1.16025	0.354541	0.9605775	-1.04172	0.854575	0.988328	1.01227	0.0779815	1.56037	-1.78453	0.829444	0.7971	-1.25453	0.872742	0.955038	-1.04708	0.0885259	1.17501	1.17501	0.604276	1.1478	1.1478	1.15432	0.5489	0.72525	1
cg07590875	FGF18		0.425147	0.161443	0.751594	-1.33051	0.636603	0.913128	-1.09514	0.362933	0.836476	-1.19549	0.352114	0.832889	-1.20064	0.157489	0.749276	-1.33462	0.188315	0.972463	-1.02832	0.120478	1.37935	1.37935	0.64586	0.915434	-1.09238	0.445159	0.861888	-1.16024	1.15431	0.566661	0.513368	1
cg24915947	UNC80;UNC80;UNC80;UNC80		0.425151	0.780962	1.07371	1.07371	0.119391	1.53909	1.53909	0.8814	0.962625	-1.03883	0.246554	0.734052	-1.3623	0.868901	1.01598	1.01598	0.181908	0.701195	-1.42614	0.20939	0.713499	-1.40154	0.537113	0.852608	-1.17287	0.501126	1.19031	1.19031	1.15431	1.19015	0.916493	1
cg00205332	KCNQ2;KCNQ2;KCNQ2;KCNQ2		0.425152	0.475355	1.16948	1.16948	0.432512	1.29803	1.29803	0.167298	1.28603	1.28603	0.367742	1.83988	1.83988	0.127962	1.29393	1.29393	0.0205	2.12193	2.12193	0.0160553	1.69186	1.69186	0.0149	1.49186	1.49186	0.98497	1.00405	1.00405	0.981703	1.00493	1.00493	1.15431	0.841209	0.647784	1
cg25285794	HOXC8		0.425154	0.465428	0.653926	-1.52922	0.667888	0.781297	-1.27992	0.339586	0.5696513	-1.75558	0.351405	0.577889	-1.73044	0.0516021	0.281734	-3.54945	0.636298	0.761573	-1.31307	0.207979	2.13637	2.13637	0.703808	1.24409	1.24409	0.572941	0.722017	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error)	SS(Test)	SS(Error)	df
cg20375320	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.425565	0.643275	0.691147	-1.44687	0.0954623	4.26639	4.26639	0.228101	2.7238	2.7238	0.400254	0.505596	-1.97786	0.147887	0.292398	-3.41999	0.615543	0.669616	-1.49339	0.752083	0.778011	-1.28533	0.761169	1.27311	1.27311	0.9115514	0.915715	-1.09204	1.15344	11.4608	8.83218	1
cg08558397	PRKAR1B;PRKAR1B;PRKAR1B	0.425568	0.925469	0.981232	-1.01913	0.414213	0.840541	-1.18413	0.303968	1.24058	1.24058	0.49874	1.14919	1.14919	0.862207	0.965435	-1.0358	0.822249	0.955461	-1.04662	0.577131	1.12082	1.12082	0.153491	1.36269	1.36269	0.0501836	1.57162	1.57162	1.15343	0.748991	0.577207	1
cg25131503	MDN1	0.425568	0.764245	0.759194	-1.31719	0.437648	2.06903	2.06903	0.47221	0.511089	-1.9566	0.61998	0.632406	-1.58126	0.883817	1.14327	1.14327	0.614047	0.627407	-1.59386	?	?	?	0.353959	2.40354	2.40354	0.0468287	0.119023	-8.40173	1.16749	13.487	10.1081	1
cg03850529	ABCA8	0.425572	0.466577	1.12887	1.12887	0.907544	1.10119	1.01919	0.429171	0.8762951	-1.14117	0.121847	1.31571	1.31571	0.147548	0.7755	-1.28949	0.965501	0.992948	-1.0071	0.15486	1.28288	1.28288	0.802433	1.04187	1.04187	0.7590212	0.950903	-1.05163	1.15342	0.489031	0.376873	1
cg18786171	ADK;ADK	0.427445	0.792216	-1.26228	0.17967	0.662204	-1.5181	0.532092	0.820906	-1.20658	0.917713	1.02606	0.553465	0.579427	-1.72883	0.339157	1.3321	0.333557	1.3321	1.3321	0.363199	0.964393	-1.36821	0.323515	0.17051	-1.33312	0.491397	1.22255	1.22255	1.15342	1.5001	1.16369	1
cg22706186	FAM159A1	0.425578	0.494008	0.732017	-1.36609	0.939266	1.03482	1.03482	0.554754	0.7646549	-1.30779	0.371992	1.50935	1.50935	0.329918	1.57078	1.57078	0.109846	0.457134	-2.18764	0.980605	0.980141	-1.01098	0.175832	1.9088	1.9088	0.3144455	1.59555	1.59555	1.15341	3.68504	2.83992	1
cg04915975	MRPS22	0.425578	0.678158	0.88838	-1.1156	0.2151	1.40785	1.40785	0.608249	1.44514	1.44514	0.853407	0.95267	-1.04968	0.172814	0.683659	-1.46272	0.514155	0.840784	-1.18937	0.578286	0.863121	-1.15859	0.107088	1.58583	1.58583	0.406785	1.24914	1.24914	1.15341	1.25525	0.967371	1
cg06473449	DTX4	0.425583	0.312876	0.678244	-1.4744	0.271925	0.653541	-1.53013	0.382596	0.7167746	-1.39519	0.167824	0.578832	-1.72762	0.078155	0.482921	-2.07073	0.969538	0.1043	1.0143	0.351718	1.42826	1.42826	0.125875	1.12875	0.493929	0.772306	-1.29482	1.1534	2.52607	1.94745	1
cg17851230	C6orf10	0.425585	0.476882	0.864124	-1.17798	0.8847242	1.599	1.599	0.918927	0.8854091	-1.12942	0.621469	0.893553	-1.11913	0.815512	0.949521	-1.05427	0.546605	0.871134	-1.14793	0.09288808	1.51905	1.51905	0.961767	1.0109	1.0109	0.6410044	0.891079	-1.12223	1.1534	0.934102	0.719883	1
cg23931839	PUSL1	0.425585	0.243557	-2.42637	-2.34538	0.381776	0.534358	-1.8714	0.779162	1.21701	1.21701	0.651208	0.727639	-1.37431	0.216817	0.685376	-2.47907	0.442176	0.578412	-1.72387	0.2815	0.457511	-2.18574	0.0307969	1.16999	-5.88271	0.6181093	0.703882	-1.42069	1.1534	8.91587	6.8712	1
cg20188212	SLC6A12;SLC6A12;SLC6A12	0.425591	0.568468	0.615572	-1.62451	0.688593	0.712404	-1.4037	0.186991	0.3081	-3.2457	0.641317	1.48427	1.48427	0.164188	0.692334	-1.44439	0.0986072	0.459319	4.59319	0.414489	0.495518	-2.01809	0.157166	0.279855	-3.57328	0.584789	0.628478	-1.59115	1.15338	12.9431	9.97494	1
cg17511472	DOK7;DOK7	0.425591	0.216486	-1.37281	-2.68586	0.3615616	0.493252	-2.02736	0.857427	0.8733035	-1.14635	0.954499	1.04629	1.04629	0.118653	0.726216	-1.62035	0.89207	0.902146	-1.10847	0.0352412	0.155255	-6.44101	0.740489	0.779083	-1.28718	0.809407	0.832328	-1.20145	1.15338	10.538	8.12139	1
cg06484589	CDG6;CDG6;CDG6	0.425592	0.61066	0.808174	-1.23736	0.2227798	0.587796	-1.70127	0.813968	0.9068353	-1.10271	0.667919	0.836094	-1.19604	0.0171368	0.299669	-3.33701	0.431348	0.71668	-1.39532	0.495738	0.7505851	-1.33229	0.694602	0.849023	-1.17782	0.736161	0.869122	-1.15059	1.15338	3.1428	2.42209	1
cg21266798	IRS2	0.425593	0.353134	0.678634	-1.47155	0.2780972	0.623274	-1.58034	0.274822	1.5857	1.5857	0.982074	0.990925	-1.00916	0.28426	0.615569	-1.57309	0.174788	0.556751	-1.79613	0.114946	0.498811	-2.00477	0.369658	0.62733	-1.59428	0.978442	0.980096	-1.01102	1.15338	3.008758	2.31789	1
cg06824023	ANKRD33;ANKRD33	0.425595	0.922535	0.938055	-1.06604	0.768453	1.21421	1.21421	0.152062	0.3419912	-2.92474	0.587521	1.43598	1.43598	0.131456	0.639779	-1.56307	0.354994	-2.91665	0.09052511	0.293416	-3.40813	0.263172	0.480406	-2.08156	0.691237	0.760153	-1.30013	0.41443	0.577822	-1.37064	1.15338	7.895977	6.08514	1
cg12876038	ZNF16;ZNF16	0.425608	0.328146	1.56817	1.56817	0.5911139	1.27346	1.27346	0.415718	1.44889	1.44889	0.372808	1.50356	1.50356	0.453665	1.40529	1.40529	0.0948103	2.26678	2.26678	0.172537	0.52354	-1.91007	0.463094	0.716825	-1.39504	0.889475	0.939902	-1.06394	1.15335	3.629315	2.79715	1
cg19439837	KCNA6;KCNA6;THYN1;THYN1;ACADB;THYN1;THYN1;THYN1;THYN1	0.425612	0.218709	3.40134	3.40134	0.390877	1.27477	1.27477	0.351967	1.1912	1.1912	0.20665	3.42299	3.42299	0.127495	1.7329	1.7329	0.0617171	4.85034	4.85034	0.0284664	2.72727	2.72727	0.230814	1.32886	1.32886	0.595467	1.66042	1.66042	1.15334	16.3571	12.6065	1
cg16126958	HYN1	0.425615	0.532792	1.19714	1.19714	0.310324	0.741566	-1.3485	0.691301	1.12039	1.12039	0.820732	0.937401	-1.06678	0.611392	0.864213	-1.15712	0.925202	0.97361	-1.02711	0.0348242	0.467282	-2.14003	0.381401	0.774377	-1.29136	0.815915	0.935739	-1.06867	1.15333	1.48173	1.14198	1
cg12123383	SH3GL2	0.425617	0.164637	1.64745	1.64745	0.7753102	0.513341	-1.94802	0.94135	1.02509	1.02509	0.331754	1.40101	1.40101	0.480157	0.785305	-1.27339	0.639989	1.1719	1.1719	0.966883	1.01408	1.01408	0.98907	1.00462	1.00462	0.328411	1.4045	1.4045	1.15333	2.07118	1.59629	1
cg02067983	WNT1	0.425628	0.484897	0.807441	-1.23848	0.249976	0.696076	-1.43662	0.62901	1.15801	1.15801	0.830903	0.93737	-1.06681	0.350954	0.748789	-1.33549	0.603602	0.853972	-1.171	0.0258216	0.405426	-2.22012	0.77655	0.08953	1.08953	0.890697	0.959411	-1.04231	1.15331	1.65879	1.27848	1
cg24547440	RGS2	0.425631	0.692501	0.84808	-1.18001	-2.59369	0.615672	1.24315	0.584705	0.7867516	-1.27111	0.589102	0.790969	-1.26427	0.184887	0.542424	-1.83068	0.89207	0.902146	-1.10847	0.0352412	0.155255	-6.44101	0.740489	0.779083	-1.28718	0.809407	0.832328	-1.20145	1.15338	10.538	8.12139	1
cg19816290	5-Sep	0.425638	0.750267	0.879977	-1.13639	0.491356	1.32295	1.32295	0.0738204	2.22086	2.22086	0.527953	1.2918	1.2918	0.244142	0.613913	-1.62889	0.422013	1.38876	1.38876	0.495753	0.758097	-1.31909	0.37502	0.694497	-1.43989	0.484303	1.32921	1.32921	1.15329	2.92838	2.25704	1
cg20260592	ATP5I	0.425644	0.06082271	5.4462	5.4462	0.1346539	3.74716	3.74716	0.1937	1.00737	1.00737	0.627123	1.60246	1.60246	0.494189	1.765849	1.765849	0.703517	1.36779	1.36779	0.576246	0.58784	-1.70126	0.0139403	1.14543	1.14543	0.161897	3.4008	3.4008	1.15327	12.2544	9.44509	1
cg07380500	FAM53C;FAM53C	0.425645	0.126656	1.75328	1.75328	0.45026	0.769944	-1.2988	0.208409	0.637184	-1.56941	0.687344	1.14664	1.14664	0.246302	0.810005	-1.23456	0.187267	1.608	1.608	0.327798	0.709442	-1.40956	0.884697	0.951883	-1.05055	0.661089	0.860773	-1.16175	1.15327	2.10946	1.62587	1
cg26405148	TSEN2;TSEN2;TSEN2;TSEN2;TSEN2	0.425647	0.285862	0.743269	-1.34541	0.683113	1.11613	1.11613	0.674915	1.11953	1.11953	0.983184	0.994374	-1.00566	0.0942871	0.6162	1.6362	0.57395	0.858929	-1.16424	0.265158	0.732825	-1.36458	0.717681	1.10207	1.10207	0.167526	1.48261	1.48261	1.15327	1.30876	1.00873	1
cg04094210	RSHDM1	0.425648	0.593644	0.788163	-1.27938	0.4166461	0.995026	-1.0059	0.219827	0.5549197	-1.80441	0.64555	1.42725	1.42725	0.147307	0.706536	-1.41536	0.842196	0.95781	-1.04407	0.44155	0.84275	-1.18637	0.881133	1.20807	1.20807	0.112979	2.20195	2.20195	1.15326	2.8265	2.04634	1
cg02677609	TRIM2;TRIM2	0.425653	0.919925	0.912298	-1.09613	0.038435	0.203425	-0.59368	0.127351	0.2220019	-4.50412	0.718852	1.39096	1.39096	0.17645	0.716796	-1.3951	0.727466	0.726607	-1.37626	0.907972	1.11133	1.11133	0.665733	0.856705	-1.16726	0.542726	0.75493	1.15343	1.15325	15.2193	11.7305	1
cg12028991	8A8118	0.425671	0.485931	1.07111	1.07111	0.842044	1.20951	1.20951	0.621693	0.8454159	-1.18259	0.641543	1.51509	1.51509	0.252071	0.661451	-1.51205	0.40124	1.47031	1.47031	0.206464	0.680252	-1.47011	0.440841	0.64979	-1.53922	0.208555	0.711984	0.941353	1.15324	1.15325	0.08463	0.070227	1
cg21773162	ZAP70;ZAP70	0.425658	0.748143	0.90473	-1.1053	0.465159	1.25987	1.25987	0.548006	0.82785	-1.20795	0.337482	0.735424	-1.35976	0.594276	0.846132	-1.18185	0.253017	1.44922	1.44922	0.178572	1.55917	1.55917	0.673801	0.876714	-1.14062	0.115984	1.588058	-1.70051	1.15324	1.76407	1.3597	1
cg21629449	OR2H1	0.425662	0.129637	0.945165	-2.01953	0.23544	0.586382	-1.70537	0.63444	1.2283	1.2283	0.715297	0.854486	-1.17028	0.199355	0.505745	-1.97728	0.350797	0.662161	-1.51021	0.138877	0.504663	-1.98152	0.15121	0.516728	-1.93525	0.761234	0.877369	-1.13977	1.15324	3.36579	2.59428	1
cg03449152	FGFRL1;FGFRL1;FGFRL1	0.425665	0.702469	0.844758	-1.18411	0.157101	0.527809	-2.79479	0.340567	0.600208	-1.99883	0.299883	1.23333	1.23333	0.214666	0.414523	-2.41225	0.283268	0.455496	-2.19562	0.112953	0.1505	-3.1741	0.443841	0.572635	-1.74631	0.598382	1.4548	1.4548	1.15323	0.08463	0.70227	1
cg20865778	TCIRG1;TCIRG1	0.425667	0.791069	1.09792	1.09792	0.902608	0.957845	-1.04401	0.662728	0.856926	-1.16696	0.265868	0.665043	-1.50366	0.336999	0.705912	-1.41661	0.288411	1.47366	1.47366	0.225923	1.56421	1.56421	0.923911	0.966949	-1.03418	0.0871789	0.514542	-1.94348	1.15323	2.26078	1.74258	1
cg04002063	CBL8	0.425681	0.692131	1.15793	1.15793	0.8875049	1.2844	1.2844	0.469706	0.7533133	-1.32687	0.196202	1.2844	1.2844	0.469706	0.7533133	-1.32687	0.196202	1.2844	1.2844	0.469706	0.7533133	-1.32687	0.196202	0.659634	1.17812	1.17812	0.518012	0.785764	-1.27255	0.614402	1.20573	1.20573	0.412685	1.15323	0.0611117	0.0611117	1
cg01768131	SIRT7;PCYT2	0.425686	0.527475	0.696436	-1.43588	0.406008	1.61671	1.61671	0.60043	1.34805	1.34805	0.104541	1.41747	1.41747	0.0661501	2.312008	2.312008	0.485826	0.670187	-1.49212	0.128644	0.395331	-2.52953	0.875834	1.09238	1.09238	0.806201	1.8703135	-1.14901	1.15319	4.83233	4.49563	1
cg25265234	LOC103092640	0.425687	0.0803476	2.58894	2.58894	0.393099	0.649376	-1.53994	0.542977	0.739289	-1.35265	0.766788	0.864241	-1.15708	0.338457	1.62264	1.62264	0.671273	1.23296	1.23296	0.600856	1.29558	1.29558	0.123829	2.26508	2.26508	0.400282	1.52559	1.52559	1.15318	4.39532	3.38797	1
cg07507339	FAM3A;FAM3A;FAM3A;FAM3A;FAM3A;MIS13;MIS13;MIS13;MIS13;MIS13;MIS13	0.425687	0.140669	0.159597	-6.26578	0.083329	0.108635	-9.20511	0.417295	0.382948	-2.61132	0.505667	2.18592	2.18592	0.483937	2.27896	2.27896	0.232713	0.234787	-4.25917	0.38388	0.355619	-2.812	0.838662	0.789728	-1.26626	0.898546	1.15917	1.15917	1.15318	24.4889	18.8764	1
cg15257930	SL3	0.425692	0.170351	0.190081	-5.26093	0.6266883	0.572727	-1.74603	0.984469	1.02238	1.02238	0.184649	4.95226	4.95226	0.156565	5.60166	5.60166	0.178267	0.196656	-5.08502	0.777568	1.37992	1.37992	0.976513	1.03404	1.03404	0.995783	0.994009	-1.00603	1.15317	23.6124	18.2009	1
cg06738063	MLLT4;MLLT4	0.425703	0.363333	0.740177	-1.35103	0.0916182	0.549802	-1.81884	0.564515	0.829332	-1.20579	0.13716	0.597128	-1.67468	0.63061	0.855528	-1.16887	0.0674324	0.516891	-1.93465	0.446292	0.778793	-1.28404	0.816126	1.0779	1.0779	0.327452	0.722128	-1.3848	1.15315	1.89418	1.4601	1
cg06495687	AMD1;AMD1	0.425705	0.358387	1.24756	1.24756	0.77736	0.916504	-1.41742	0.937307	1.07004	1.07004	0.808605	1.0216	1.0216	0.912661	0.978755	-1.02196	0.148922	1.4791	1.4791	0.195511	0.745767	1.34155	0.979551	0.989777	-1.00626	0.918859	1.51186	1.51186	0.658441	1.11444	1.15315	1.08337	0.835106	1
cg00588727	UBE2B	0.425711	0.939061	0.98875	-1.01138	0.570874	1.08845	1.08845	0.445227	0.891228	-1.12205	0.975727	0.995508	-1.00451	0.905348	1.17007	1.17007	0.767759	0.957126	-1.04479	0.0443859	0.710578	-1.40731	0.228088	0.829273	-1.20588	0.731375	1.0519	1.0519	1.15313	0.3999	0.308261	1
cg04787109	C8il2	0.425715	0.754283	1.05483	1.05483	0.948021	1.31754	1.31754	0.295982	0.6490868	-1.2318	0.299518	1.21855	1.21855	0.299518	0.821115	-1.21755	0.253244	1.30006	1.30006	0.179486	0.768353	1.30293	0.766854	0.941378	1.06357	0.464897	0.876063	1.07663	1.15313	1.76563	1.33183	1
cg08521655	C17orf58;C17orf58;C17orf58	0.425716	0.268719	0.626609	-1.59589	0.47463	0.7445	-1.34318	0.64875	1.20243	1.20243	0.506888	-1.97243	0.263409	0.620998	-1.61031	0.475636	0.735507	0.575531	-1.7942	0.169969	0.552602	-1.80962	0.287481	0.638814	-1.5654	0.142172	0.527138	-1.89704	1.15312	1.00712	2.31805	1
cg15844109	LPAR4;LPAR4	0.425718	0.256144	0.715708	-1.39722	0.475514	1.22722	1.22722	0.759045	1.0907	1.0907	0.30218	1.35204	1.35204	0.276831	0.726755	-1.37598	0.455636	0.798965	-1.25162	0.225515	0.668253	-1.49215	0.827444	0.940257	-1.06354	0.174337	1.50343	1.50343	1.15312	1.45421	1.12099	1
cg25158092	DYRK1A;DYRK1A;DYRK1A;DYRK1A;DYR	0.425719	0.290195	0.564842	-1.77041	0.193126	2.04752	2.04752	0.211463	1.98377	1.98377	0.345504	0.603171	-1.6579	0.131244	0.428325	-2.33468	0.546147	0.727725	-1.37415	0.835895	0.897687	-1.11397	0.851095	0.906842	-1.10273	0.629877	0.776726	-1.28745	1.15312	4.94498	3.81188	1
cg00467607	FEZ2;FEZ2	0.425723	0.994635	0.994635	1.00539	0.974583	1.015588	1.01558	0.962799	1.02615	1.02615	0.852142	1.01355	1.01355	0.939554	1.02641	1.02641	0.760282	1.15794	1.15794	0.443634	1.43202	1.43202	0.912064	0.948439	-1.05436	0.95407	1.02799	1.02799	1.15311	0.41959	0.32368	1
cg15131146	MAN1C1	0.425728	0.138373	0.463736	-2.1564	0.580277	1.30869	1.30869	0.428831	1.47556	1.47556	0.372585	0.643451	-1.55412	0.22082	0.537966	-1.85885	0.502159	0.719976	-1.38893	0.151496	0.477012	-2.09638	0.169526	0.49418	-2.02355	0.707219	0.83382	-1.1993	1.1531	4.23683	3.26604	1
cg21160984	TMEM85;TMEM85	0.425729	?	?	?	0.1622885	1.8637	1.8637	0.76467	1.13279	1.13279	0.34849	0.660261	-1.49413	0.209122	1.73818	1.73818	0.221226	1.71941	1.71941	0.885092	0.941856	-1.06173	0.453797	1.19143	1.19143	0.159497	1.87592	1.87592	1.15313	2.75966	2.06893	1
cg15067144	MMAA	0.425729	0.847279	0.948807	-1.05395	0.548064	0.847338	-1.18017	0.94707	0.700607	-1.42733	0.0332153	0.507409	-1.9708	0.517991	0.8504	-1.17591	0.545059	0.853231	-1.17202	0.446393	0.808288	-1.23718	1.15309	1.35653	1.04571	1
cg09342330	PTPN21;PTPN21	0.425732	0.891819	1.03861	1.03861	0.606254	1.15573	1.15573	0.0852057	1.69852	1.69852	0.604988	1.13093	1.13093	0.901096	1.03522	1.03522	0.122052	1.59445	1.59445	0.822986	0.939533	-1.06436	0.0621385	1.79427	1.79427	0.63559	1.14212	1.14212	1.15309	1.4152	1.09094	1
cg12358298	RNF125	0.425736	0.712929	1.04615	1.04615	0.375272	0.865485	-1.12447	0.944763	0.9098894	-1.00919	0.974477	1.03863	1.03863	0.687496	1.55227	1.55227	0.326197	1.13508	1.13508	0.640318	0.946221	-1.05662	0.0501154	1.10627	1.10627	0.428615	0.903925	-1.10629	1.1308	0.628584	0.521956	1
cg00401796	ProSAP1	0.425754	0.902995	0.917173	-1.09031	0.209641	2.55382	2.55382	0.0923963	3.71862	3.71862	0.932055	0.941325	-1.06233	0.0921851	0.268643	-3.72242	0.697839	3.1387	3.1387	0.887341	0.904371	-1.10574	0.941865	1.05308	1.05308	0.707823	1.306	1.306	1.15304	9.18219	7.0786	1
cg00665832	ARPC1A;ARPC1A	0.425756	0.488075	0.9907	-1.00967	0.872212	0.964763	1.0215	0.74115	1.0215	1.0215	0.919345	1.36045	1.36045	0.0320967	0.978128	-1.02236	0.478504	0.851662	-1.17417	0.0907849	0.636429	-1.57127	0.0673977	1.26152	1.26152	0.424251	1.19945	1.19945	1.15304	0.908886	0.699114	1
cg10813980	FAM49A	0.425758	0.327477	0.401312	-2.49183	0.123372	0.221459	-4.51551	0.70134	1.41631	1.41631	0.452473	0.500904	-1.99639	?	?	?	0.913111	1.10361	1.10361	0.110613	0.207985	-4.80805	0.145828	0.244041	-4.09768	0.41685	0.472619	-2.11587	1.14637	13.1665	11.4853	1
cg18370912	ADAM11	0.425767	0.37869	0.515087	-1.94142	0.914143	0.923837	-1.08244	0.635435	1.42022	1.42022	0.628881	1.43008	1.43008	0.193343	0.363826	-2.74856	0.298604	0.45321	-2.20648	0.801291	0.830903	-1.20351	0.588074	0.208513	-4.79586	0.183108	0.352346	-2.83812	1.15302	9.85322	7.59609	1
cg22799170	TRAF5;TRAF5;TRAF5	0.425782	0.791605	1.03888	1.03888	0.847841	1.25412	1.25412	0.550599	0.8034877	0.559926	1.78696	1.34696	1.34696	0.413571	1.12794	1.12794	0.0779152	1.84194	1.84194	0.0124993	2.113955	0.797112	1.25376	0.31978	-3.12698	0.26934	0.778843	0.0720064	1.15302	0.0720064	0.0720064	1
cg22218709	FOXI1	0.425782	0.0567161	0.457163	-2.1874	0.569683	0.811788	-1.23185	0.194295	0.607541	-1.64598	0.749669	0.89032	-1.12319	0.995606	0.998004	-1.002	0.23991	0.639816	-1.56295	0.120628	0.542856	-1.84211	0.187961	0.602698	-1.65921	0.584019	0.818319	-1.22221	1.15299	2.40497	1.8541	1
cg16781539	NAP1L4;NAP1L4	0.425783	0.454998	0.894007	-1.11844	0.956351	1.08308	1.08308	0.674282	0.8984154	-1.11339	0.844425	0.97133	-1.02952	0.595187	0.8208	-1.21859	0.0940966	0.914242	-1.0938	0.761851	1.04572	1.04572	0.0198589	1.15222	-1.02298	0.52958	0.709326	0.804064	1.15299	0.804221	0.804221	1
cg10174816	ZNF449;ZNF75D	0.425783	0.110325	0.196891	-5.07896	0.734499	1.37596	1.37596	0.792049	0.781326	-1.27988	0.150624	0.21517	4.25157	0.998619	1.00162	1.00162	0.123414	0.210461	-4.75148	0.46101	0.496151	-2.01552	0.870466	0.16463	6.16463	0.803802	1.2617	1.2617	1.15298	15.9256	12.2778	1
cg15605124	PRDM16;PRDM16	0.425784	0.191683	0.390752	-2.55917	0.206958	0.404617	-2.47147	0.862225	0.888616	-1.12535	0.573688	0.679438	-1.4718	0.12634	0.324865	-3.0782	0.361299	0.528358	-1.89266	0.0754404	0.2604	-3.84024	0.128218	0.326959	-3.05849	0.53588	0.652991	-1.53141	1.15298	8.43994	6.50676	1
cg08399910	NAV1	0.425785	0.240746	0.739353	-1.35193	0.16506	0.422759	-2.36209	0.703053	1.03235	-1.03235	0.88502	0.966179	-1.03507	0.924437	1.08243	1.08243	0.127972	0.21316	-4.69157	?	?	?	0.547888	1.36579	1.36579	0.0468318	0.865375	-1.15557	0.294046	0.777485	0.295826	0.381529	1.15297	1.02244	0.795968	1
cg06310698	C20orf117;C20orf117	0.425791	0.432877	1.97552	1.97552	0.117185	0.25329	0.25329	0.0364776	0.760849	0.760849	0.902992	1.10925	1.10925	0.710614	0.745522	0.745522	0.567542	1.63484	1.63484	0.609296	1.55036	1.55036	0.707659	1.37776	1.37776	0.368674	2.19336	2.19336	1.15297	3.21238	10.1873	1
cg15450388	TECTA	0.425794	0.767684	0.954463	-1.04652	0.6266	1.24162	1.24162	0.622408	0.8022208	-1.24679	0.122487	0.62208	1.62208	0.0134813	0.648759	-1.54121	0.0129064	0.94709	-1.05594	0.0134813	0.648759	-1.54121	0.0129064	0.94709	-1.05594	0.0134813	0.648759	-1.54121	0.0129064	0.94709	-1.05594	0.0134813	0.648759	-1.54121	0.0129064

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1521 vs. N)	Fold-Change(1521 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1535 vs. N)	Fold-Change(1535 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5630 vs. N)	Fold-Change(5630 vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg04484635	MIR548N;DSBP1;C5BPL6	0.426116	0.758002	1.12745	1.12745	1.292826	0.677094	-1.4769	0.186392	0.66621	-1.64959	0.234956	0.640947	-1.56019	0.209857	0.6812	-1.468	0.88985	1.05076	1.05076	0.1717 46	1.68176	1.68176	0.902133	0.959095	-1.04494	0.218631	0.629816	-1.58776	1.15229	2.33003	1.79742	1
cg10497918	HIRIP3;INO80E	0.426121	0.169066	0.815731	-1.25289	0.674007	1.06058	1.06058	0.458882	0.900469	-1.11053	0.500128	0.909243	-1.09862	0.655144	0.908148	1.10983	1.10983	0.495592	0.908297	-1.10096	0.707871	0.960219	-1.04143	0.390501	0.884873	-1.13011	0.0837819	1.30474	1.30474	1.15228	0.352638	0.272032	1
cg11866463	RCAN1;RCAN1	0.426122	0.343055	0.142193	-7.0327	0.233743	12.1787	12.1787	0.944093	0.869866	-1.1496	0.122514	0.0344479	-29.0294	0.749142	1.89282	1.89282	1.89282	0.33694	7.22245	7.22245	0.283647	0.107825	-9.27429	0.458396	4.50438	4.50438	0.533781	3.50843	3.50843	1.17323	71.8773	47.6503	1
cg20449296	ZAN;ZAN	0.426131	0.148937	0.232608	-4.29918	0.830493	1.22383	1.22383	0.502892	0.526969	-1.88765	0.190271	0.60949	3.6949	0.12065	4.88411	4.88411	4.88411	0.313091	2.6727	2.6727	0.799018	0.786315	-1.27176	0.917164	0.906627	-1.10299	0.799769	0.78704	-1.27058	1.15226	16.2009	12.4979	1
cg20839041	TERC	0.426138	0.34734	1.23969	1.23969	0.215044	1.41523	1.41523	0.665806	0.913225	-1.12548	0.232795	0.910227	-1.08963	0.653104	0.886572	-1.12794	0.894599	1.0359	1.0359	0.0414038	1.87	1.87	0.55952	0.868527	-1.15137	0.307386	1.32469	1.32469	1.15224	1.29226	0.996904	1
cg13680752	MAEA;MAEA	0.426141	0.17449	0.799314	-1.25107	0.563651	0.913445	-1.09476	0.840339	0.93178	1.03178	0.617704	0.924932	-1.08116	0.497015	0.898579	-1.1187	0.523343	0.905099	-1.10496	0.0227083	0.655111	-1.52646	0.890547	0.978874	-1.02158	0.933316	1.03306	1.03306	1.15224	0.438889	0.33858	1
cg04210991	ACBD3	0.426144	0.943457	1.01348	1.01348	0.097103	0.709204	-1.41003	0.186885	1.30214	1.30214	0.630605	1.09574	1.09574	0.327491	1.21015	1.21015	1.21015	0.174882	0.761633	-1.31297	0.797359	0.952605	-1.04975	0.729743	0.936652	-1.06763	0.950204	1.01186	1.01186	1.15223	0.64984	0.501321	1
cg21084994	PFKL;PFKL	0.426153	0.241313	0.32823	3.116022	0.228598	3.27201	3.27201	0.737142	0.729347	-1.37109	0.381968	0.451208	-2.31907	0.437592	0.464426	-2.14396	0.298631	2.74741	2.74741	0.363962	2.37018	2.37018	0.352585	0.245315	0.245315	0.251481	0.324997	-3.07605	1.15221	16.0599	12.3897	1
cg18180230	SFXS2B	0.426154	0.691662	0.7371	-1.35667	0.145674	0.300708	-3.32549	0.1864	0.340465	-2.93716	0.226606	0.28605	-2.68005	0.639325	0.43773	-2.14373	0.284124	0.42491	-2.35344	0.690684	1.36023	0.83781	1.17076	1.17076	0.838687	1.23524	1.23524	1.15221	1.07965	0.32911	1
cg02170490	PDPK1;PDPK1	0.426164	0.783368	1.20448	1.20448	0.0353554	5.22894	5.22894	0.167535	2.69967	2.69967	0.775719	1.21268	1.21268	0.526237	0.648225	-1.54267	0.512622	0.638723	-1.56562	0.826928	1.15931	1.15931	0.662269	1.34541	1.34541	0.804594	0.84591	-1.18216	1.15219	8.31612	6.41572	1
cg07836940	DHDDS;DHDDS;DHDDS;DHDDS	0.426169	0.937977	1.05479	1.05479	0.0763261	1.31199	1.31199	0.310708	0.56485	-1.77038	0.661245	0.7993	-1.25096	0.191596	2.27642	2.27642	2.27642	0.808464	1.31604	1.31604	0.160551	1.78	1.78	0.904006	1.10371	0.344082	1.78482	1.14646	5.60773	4.07416	1
cg02376282	NCOA2	0.426192	0.694145	0.886026	-1.12864	0.145541	1.61366	1.61366	0.210853	1.4973	1.4973	0.516163	0.817445	-1.22332	0.284805	0.711642	-1.4052	0.524179	1.21851	1.21851	0.763168	1.08695	1.09695	0.195571	1.52061	1.52061	0.427744	0.780427	-1.28135	1.15213	1.71068	1.31982	1
cg17047755	LOC647288	0.426201	0.842352	0.929103	-1.07631	0.46376	1.31513	1.31513	0.86235	0.938361	-1.06569	0.885309	2.01785	2.01785	0.687883	0.861539	-1.16071	0.639378	1.1917	1.1917	0.0624555	2.16807	2.16807	0.809309	1.03932	1.03932	0.442721	0.76111	-1.31387	1.1521	2.48509	1.91734	1
cg12072024	CYBRD1;CYBRD1	0.426207	0.416056	-0.752798	-1.52838	0.877079	0.948397	-1.05441	0.593434	0.831557	-1.20256	0.939934	1.02613	1.02613	0.28419	0.683297	-1.46349	0.0714674	0.502065	-1.99178	0.454763	0.770572	-1.29774	0.645043	0.853185	-1.17208	0.132093	1.74426	1.74426	1.1521	2.13795	1.64951	1
cg25468516	SIPA1;SIPA1	0.426207	0.12049	0.465508	-2.14819	0.779107	0.880146	-1.13617	0.232937	0.566728	-1.76451	0.260424	0.586874	-1.70394	0.228114	0.563065	-1.77599	0.339434	0.56367	-1.76367	0.564531	0.760167	-1.3027	0.994218	0.996716	-1.0033	0.132736	0.478787	-2.08861	1.1521	3.76134	2.90202	1
cg05063690	CDL1BA1;CDL1BA1;CDL1BA1	0.426216	0.369261	0.766502	-1.30434	0.317797	0.518041	-1.63121	0.360558	0.56035	-1.78435	0.214243	0.486058	-2.05703	0.445395	0.485541	-2.05971	0.642435	0.47547	-2.10344	0.124204	0.682365	0.464845	-2.15126	0.099134	0.728524	-1.37282	0.0228452	-3.66941	0.928873	1.13128	1.1218	1.1521	1.34293	0.26722	1
cg08969312	CBFA2T3;CBFA2T3	0.426216	0.555167	1.3142	1.3142	0.0894474	2.35671	2.35671	0.109958	0.450393	-2.22028	0.72604	1.17475	1.17475	0.487789	1.38076	1.38076	1.38076	0.410859	1.46961	1.46961	0.757547	1.1523	1.1523	0.831012	0.906797	-1.10278	0.444223	0.699713	-1.42916	1.15208	3.82423	2.9506	1
cg02696199	KLHL29	0.426218	0.985113	0.952025	-1.05804	0.886661	1.06312	1.06312	0.267969	1.64082	1.64082	0.458711	1.38236	1.38236	0.623409	1.40642	-2.46051	0.749107	0.871357	-1.14763	0.804094	0.898831	-1.11256	0.885122	0.939844	-1.06401	0.136494	0.502353	-1.99063	1.15207	3.30047	2.59279	1
cg06447232	CYFIP2;CYFIP2	0.426219	0.487179	1.03111	0.309735	0.317797	0.518041	-1.63121	0.360558	1.56035	1.56035	0.214243	1.86058	1.86058	0.340465	1.44597	-2.69416	0.428594	0.682362	-1.4655	7	0.803179	1.5309	0.199028	1.50047	1.50047	0.166002	3.57163	2.68022	1
cg00436874	ADAMTS10	0.426224	0.6146	1.29211	1.29211	0.367393	1.5958	1.5958	0.0950267	0.396139	-2.52437	0.328687	1.66342	1.66342	0.416356	1.52089	1.52089	1.52089	0.19758	1.9887	1.9887	0.276972	1.76957	1.76957	0.402255	1.54142	1.54142	0.597419	1.30868	1.30868	1.15206	4.64889	3.58691	1
cg02485320	TBC1D22A	0.426225	0.76826	1.03227	-1.09139	0.576805	1.9164	1.9164	0.401973	1.297	1.297	1.297	1.2767	1.2767	0.601231	1.61258	1.61258	1.61258	0.555284	1.19838	1.19838	0.168644	1.56034	1.56034	0.401881	1.56034	1.56034	0.401881	1.96166	-1.0569	0.479287	1.24646	1.29518	1
cg13950715	ATXN7;ATXN7	0.426229	0.508598	1.18813	1.18813	0.690149	1.1085	1.1085	0.113116	0.641944	-1.55777	0.248376	0.733309	-1.36368	0.630272	0.882784	-1.13278	0.091847	1.62059	-1.61137	0.197322	0.704444	-1.41955	0.638023	0.885312	-1.12955	0.493577	0.836334	-1.19569	1.15205	1.2057	0.930285	1
cg12239531	CDQ5	0.426233	0.919314	0.921888	-1.08473	0.383864	0.482639	-2.07194	0.168825	3.41278	3.41278	?	?	?	?	?	?	?	?	?	?	0.888639	1.12707	1.12707	0.1916	0.315865	-3.16591	0.545954	1.63932	1.63932	1.21053	7.55466	5.20063	1
cg05534175	ZNF271;ZNF597OS;ZNF271;ZNF597OS SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG;SYNRG	0.426252	0.170522	0.861491	-1.16078	0.827317	0.977931	-1.02257	0.87396	0.10635	0.365892	0.909468	-1.09954	0.781217	0.97196	-1.02885	0.123359	0.843247	-1.18589	0.77125	0.10323	0.13025	0.0554925	0.801157	-1.2482	0.339664	0.904362	-1.10575	1.15205	0.190386	0.146897	1
cg27218536	RG;SYNRG;SYNRG;SYNRG	0.426238	0.484868	1.15295	1.15295	0.835047	0.959052	-1.0427	0.066875	1.50971	1.50971	0.260595	0.790353	-1.26526	0.89005	0.972647	-1.02812	0.256843	0.788756	-1.26782	0.329023	1.22384	1.22384	0.70128	1.08035	1.08035	0.742295	0.935979	-1.0684	1.15203	0.733577	0.566015	1
cg08445265	GABRG3	0.426248	0.815025	0.964868	-1.03641	0.760006	1.04787	1.04787	0.465349	1.12007	1.12007	0.720361	0.94662	-1.05639	0.392398	1.14307	1.14307	1.14307	0.165357	1.25335	1.25335	0.202765	1.22778	1.22778	0.973903	1.005	1.005	0.0411771	1.4326	1.4326	1.15201	0.424923	0.32787	1
cg21913886	TMEM51;TMEM51;TMEM51;TMEM51	0.426251	0.642224	1.22392	1.22392	0.651256	1.21715	1.21715	0.194857	0.553113	-1.80795	0.47786	0.732246	-1.36566	0.656165	1.21351	1.21351	1.21351	0.244832	1.69113	1.69113	0.0782991	2.32727	2.32727	0.301524	1.58769	1.58769	0.938247	1.03403	1.03403	1.15201	3.40283	2.62563	1
cg02612712	EEF2	0.426258	0.112746	0.505665	-1.97759	0.392672	1.41321	1.41321	0.181834	1.75025	1.75025	0.926264	0.964101	-1.03724	0.293851	0.65047	-1.53735	0.786305	1.11331	1.11331	0.2068	0.870639	-1.14858	0.852775	1.07614	1.07614	1.15199	0.84621	2.8463	2.19623	1
cg10967518	NUP85	0.426263	0.34706	1.34185	1.34185	0.348657	1.38593	1.38593	0.284194	1.02556	1.02556	0.162446	0.873135	-1.13878	0.74233	0.878135	-1.13878	0.0819445	1.93628	1.93628	0.0980004	1.38941	1.38941	0.122662	1.32842	1.32842	0.19596	0.525883	0.405789	1.15198	0.525883	0.405789	1
cg06051576	TSC2;NTHL1;TSC2;TSC2	0.426276	0.204831	0.751484	-1.3307	0.141839	1.40116	1.40116	0.824646	1.04853	1.04853	0.711217	0.923657	-1.08265	0.29302	0.792188	-1.26233	0.952763	1.01273	1.01273	0.359432	0.817725	-1.2229	0.117909	0.695865	-1.43706	0.931204	1.01861	1.01861	1.15195	0.832054	0.642043	1
cg00228796	ECE1	0.426279	0.387596	1.37856	1.37856	0.734031	1.3116	1.3116	0.912665	0.606624	-1.64847	0.192033	1.64977	1.64977	0.939801	1.02776	1.02776	1.02776	0.119707	1.84418	1.84418	0.484128	1.27271	-1.29404	0.381141	0.722057	-1.38493	0.959904	1.01839	1.01839	1.15195	2.39773	1.85015	1
cg27562717	ID1;ID1;ID1;ID1	0.426292	0.312769	0.7284	-1.37264	0.39307	0.82617	-1.21079	0.650937	1.68283	1.68283	0.286005	1.17465	1.17465	0.132731	1.27122	1.27122	1.27122	0.164016	2.2704	2.2704	0.115504	1.14696	1.14696	0.680827	1.06193	1.06193	0.354496	1.14835	1.14835	1.15192	0.38504	0.297119	1
cg25249670	CTDP1;CTDP1	0.426293	0.870769	1.08193	1.08193	0.299945	1.68126	1.68126	0.831589	0.902129	-1.10849	0.233951	1.82853	1.82853	0.285844	0.585017	-1.70935	0.632137	0.791933	-1.26233	0.309339	1.66338	1.66338	0.915427	0.949919	-1.05272	0.093382	0.405591	-2.44146	1.15192	4.26779	3.29329	1
cg04042885	TSC1	0.426295	0.173217	0.795361	-1.25656	0.447337	0.709545	-1.40922	0.352457	0.615707	-1.62415	0.164716	0.56027	-1.78522	0.0909977	1.32027	1.32027	1.32027	0.468637	1.32407	1.32407	0.232957	0.607069	-1.64726	0.681857	1.14207	-1.14005	0.121339	0.402703	0.710205	1.15191	0.97476	0.729551	1
cg22047901	MIR183;MIR96	0.426303	0.612121	1.11148	1.11148	0.439581	1.17696	1.17696	0.705825	1.08154	1.08154	0.415605	0.841993	-1.18766	0.039772	0.611847	-1.6344	0.452869	1.17124	1.17124	0.934142	1.01723	1.01723	0.970273	-1.02117	0.339576	0.815912	-1.22562	1.1519	0.779415	0.601452	1
cg04380229	SLC12A7	0.426301	0.355019	0.646407	-1.54701	0.872266	0.928868	-1.07658	0.722127	1.17792	1.17792	0.186502	0.526131	-1.90067	0.038614	0.333148	-2.99987	0.35364	0.645552	-1.54806	0.666722	0.819808	-1.2198	0.575176	0.771306	-1.2965	0.172915	0.514211	-1.94473	1.1519	3.83661	2.9606	1
cg07397704	CMIP;CMIP	0.426303	0.58539	1.17422	-1.08139	0.576805	1.9164	1.9164	0.401973	1.297	1.297	1.297	1.2767	1.2767	0.601231	1.61258	1.61258	1.61258	0.555284	1.19838	1.19838	0.168644	1.56034	1.56034	0.401881	1.56034	1.56034	0.401881	1.96166	-1.0569	0.479287	1.24646	1.29518	1
cg04995826	APS;APS;APS;APS PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK	0.426308	0.590797	0.924374	-1.08181	0.344941	1.15135	1.15135	0.756341	1.04613	1.04613	0.740961	1.04924	1.04924	0.240141	0.888549	-1.12543	0.112723	1.778696	-1.2842	0.0927483	0.742983	-1.34593	0.501412	0.905874	-1.10391	0.965674	0.993785	-1.00625	1.15189	0.382918	0.295491	1
cg03436208	6;PCSK6;PCSK6	0.426311	0.897613	0.905823	-1.10397	0.0751106	4.58474	4.58474	0.266105	2.43587	2.43587	0.113044	3.76267	3.76267	0.835565	0.852405	-1.17315	0.948278	1.05111	1.05111	0.17547	3.02506	3.02506	0.312549	2.23136	2.23136	0.371853	2.02273	2.02273	1.15188	10.7692	8.3104	1
cg15598232	ZBTB22;ZBTB22	0.426315	0.797932	0.917785	-1.16952	0.0639927	0.528834	-1.89095	0.123626	0.607372	-1.66591	0.171011	1.09342	1.09342	0.47144	1.20717	1.20717	1.20717	0.0982486	0.74348	-1.34512	0.961068	1.01505	1.01505	0.954745	0.982758	-1.01752	0.979459	0.992152	-1.00791	1.15187	1.70857	1.31349	1
cg19925653	FAM124A	0.426315	0.326743	0.762552	-1.31145	0.43045	0.789977	-1.26586	0.0874	0.207177	-4.82681	0.0881	0.3164	-3.16117	0.12075	1.02075	1.02075	0.873345	1.02214	1.02214	0.552106	0.920748	-1.08607	0.232273	0.842021	-1.18572	0.121767	1.2583	1.2583	1.15187	0.343719	0.265244	1
cg00508498	ABTB2	0.426318	0.325515	0.781029	-1.28036	0.18399	0.709563	-1.40932	0.633964	0.889784	-1.12387	0.0917793	0.636406	-1.57132	0.122734	0.665567	-1.50248	0.0890715	0.633498	1.57854	0.35265	0.792285	-1.26217	0.873332	0.961904	-1.03961	0.733724	0.920238	-1.08668	1.15187	1.08115	0.834319	1
cg08124841	C6;NCL	0.426361	0.606361	1.18446	1.18446	0.510584	0.727329	-1.37423	0.102888	0.53283	-1.87677	0.0941	0.75352	-1.32694	0.0972	1.28291	1.28291	1.28291	0.23642	0.67789	-1.47455	0.0941613	0.954453	-1.04789	0.972005	0.988801	-1.01132	0.177619	0.631658	-1.58314	1.15187	1.70857	1.31349	1
cg02500806	ANKRD11	0.426324	0.588536	0.763652	-1.30955	0.360472	-2.77414	0.169593	0.485611	-2.05926	0.546642	1.35144	1.35144	0.543361	0.738082	1.35486	1.35486	1.35486	0.214731	0.524765	-1.90562	0.412908	1.51177	0.607243	0.774165	-1.29171	0.501136	0.713842	-1.40087	1.15185	4.46652	3.34139	1
cg19990415	CB5	0.426326	?	?	?	0.0666728	0.142137	-7.03548	0.597361	0.614488	-1.62633	0.846569	0.841355	-1.18856	0.941168	0.955928	-1.04643	0.897078	0.888975	1.12469	0.849977	0.5474	2.5474	0.55362	1.72821	1.72821	0.274624	2.85372	2.85372	1.19384	13.2369	9.87451	1
cg00039928	MATN2;MATN2 MYOM;MYADM;MYADM;MYADM;M	0.426329	0.455711	0.644271	-1.55214	0.0455283	3.76987	3.76987	0.124153	0.841878	1.51233	0.261697	1.96855	1.96855	0.34252	1.78784	-1.76106	0.695968	1.55515	1.55515	0.324102	0.910277	-1.09857	0.678422	0.785627	-1.27287	0.744555	1.20846	1.20846	1.15184	6.10882	4.57424	1
cg21048874	YAD4	0.426335	0.415401	1.29178	1.29178	0.817751	1.07357	1.07357	0.0331648	2.15087	2.15087	0.172211	1.56344	1.56344	0.643088	0.866307	-1.15433	0.613097	0.854089	-1.17084	0.844198	1.06238	1.06238	0.897897	0.955719	-1.04633	0.882341	0.955474	1.0466	1.15183	1.7255	1.3316	1
cg00567479	PARP2	0.426336	0.475662	0.631869	-1.58261	0.793523	1.18016	1.18016	0.829455	0.872661	-1.14592	0.536177	0.672863	-1.48619	0.933604	0.948756	-1.05401	0.550205	0.682297	-1.46564	0.0328427	0.198781	-5.03066	0.726869	1.24796	1.24796	0.135191	0.357541	-2.79689	1.12775	7.24629	4.80579	1
cg16224521	CCDC127	0.426339	0.947854	1.02044	1.02044	0.503645	0.81064	-1.23359	0.343407	0.739444	-1.35237	0.601595	1.17698	1.17698	0.33127	0.728338	-1.37288	0.549475	0.829166	-1.20603	0.124687	1.6675	1.6675	0.361754	1.33641	1.33641	0.160122	0.633321	-1.57898	1.15182	1.74546	1.34742	1
cg03356087	SYNCRIP;SYNCRIP;SYNCRIP;SYNCRIP	0.426345	0.416459	1.28826	1.28826	0.553714	1.20046	1.20046	0.518876	1.20274	1.20274	0.235287	0.684285	-1.46138	0.109304	0.58711	-1.70326	0.284502	0.712421	-1.40366	0.492049	1.23717	1.23717	0.375331	1.31807	1.31807	0.70048	1.12512	1.12512	1.15181	1.69692	1.30957	1
cg13855408	AKAP13;AKAP13	0.426357	0.202292	0.793669	-1.2595	0.282478	1.21094	1.21094	0.57976	1.10231	1.10231	0.948241	0.988936	-1.01119	0.293013	0.829486	-1.20557	0.157445	0.771762	-1.29574	0.301467	0.832376	-1.20138	0.335903	1.18537	1.18537	0.839377	1.03539	1.03539	1.15178	0.535764	0.413476	1
cg04505435	SHANK2	0.426362	0.875179	0.8802	-1.13612	0.660722	0.819183	-1.22073	0.576555	0.62867	2.6867	0.413041	1.50787	1.50787	0.0228107	0.663146	-1.50796	0.655353	0.802138	-1.2467	0.706059	0.836649	-1.20388	0.378796	0.64202	-1.55758	0.244344	1.81799	1.81799	1.15178	4.39349	3.39069	1
cg05394010	TBC1D24	0.426366	0.636414	1.5087	1.5087	0.042206	5.74716	5.74716	0.090722	5.00045	5.00045	0.93399	1.00717	1.00717	0.525685	0.595412	-1.67951	0.851824	1.17527	1.17527	0.793944	1.25366	1.25366	0.660344	1.46508	1.46508	0.73002	0.741419	-1.34877	1.15178	1.31059	1.05004	1
cg16657538	ZNF397OS;ZNF397OS	0.426367	0.674114	0.960292	1.0414	0.833312	1.65053	1.65053	0.946601	0.833112	-1.20032	0.733825	1.11968	1.11968	0.150594	0.576091	-1.73521	0.160995	0.639192	-1.56393	0.0385454	0.51284	-1.94993	0.0822109	0.576904	-1.73342	0.0384115	0.706221	-1.41569	1.15162	0.310245	0.250206	1
cg10557253	PLXNC1	0.426368	0.0965742	1.22205	1.22205	0.834463	0.97726	-1.02327	0.853666	0.0205	0.0205	0.505785	1.07704	1.07704	0.200198	1.16038	1.16038	1.16038	0.961861	1.00527	1.00527	0.255362	0.877632	-1.13943	0.185763	1.16675	1.16675	0.550159	0.935706	-1.06871	1.15174	0.220402	0.170102	1
cg23957742	CPSF4;CPSF4	0.426383	0.404069	1.24792	1.24792	0.0750739	1.67229	1.67229	0.291638	1.32822	1.32822	0.354417	1.28036	1.28036	0.986972	0.995774	-1.00424	0.494647	1.19709	1.19709	0.967239	0.988403	-1.01071	0.0835665	1.64347	1.64347	0.156182	1.48218	1.48218	1.15173	1.22744	0.947317	1
cg03486974	MA2D5	0.426383	0.651914	1.19995	1.19995	0.534379	1.31301	1.31301	0.211553	1.88379	1.88379	0.370992	1.56302	1.56302	0.0053	1.20483	-1.20483	0.807217	1.23755	1.23755	0.660307	1.77192	1.77192	0.876816	-1.15232	0.0780903	0.0777	1.75639	1.75639	1.15173	4.31179	3.32778	1
cg24963147	LOC389332	0.426386	0.712292	1.21662	1.21662	0.0487307	3.29236	3.29236	0.248631	1.89342	1.89342	0.269208	1.8388	1.8388	0.785387	0.865465	-1.15545	0.408582	1.56429	1.56429	0.402157	0.635156	-1.57442	0.435513	1.52372	1.52372	0.346038	1.67147	1.67147	1.15172	5.11145	3.94497	1
cg19751951	GYG1	0.426391	0.19387	0.71993	-1.38911	0.179804	1.26414	1.26414	0.0444	1.07967	1.07967	0.145403	1.08153	1.08153	0.0239	0.559388	-1.78692	0.0596602	0.787811	1.26953	0.0748	1.16177	1.16177	0.0452	1.04522	1.04522	0.07229	0.988686	0.851571	1.0116	1.40805	1.02167	1
cg03450107	HIVEP3;HIVEP3	0.426394	0.81029	1.19091	1.19091	0.0864796	2.25638	2.25638	0.395824	0.120446	0.294144	-3.3997	0.995614	1.00318	1.00318	0.814055	0.14318	0.14318	0.60683	1.68538	-1.45807	0.52272	1.601	1.601	0.756695	0.79789	-1.25331	0.216412	1.5729	1.5729	1.15171	0.62753	0.74055	1
cg11729169	TBXA2R;TBXA2R	0.426403	0.118425	0.568522	-1.75895	0.845097	0.936913	-1.06734	0.585306	1.20149	1.20149	0.443276	0.770737	-1.29746	0.0490231	0.472994	-2.11419	0.504178	0.797875	-1.25333	0.389354	0.745372	-1.34161	0.597671	1.19414	1.19414	0.54956	0.817329	-1.2235	1.15169	2.02434	1.56242	1
cg25065723	TCF20	0.426412	0.825013	1.12442	1.12442	0.316644	1.32112	1.32112	0.163196	0.64562	-1.54868	0.0975568	2.6867	2.6867	0.141043	1.50787	1.50787	1.50787	0.31176	1.7405	1.7405	0.318094	1.27214	1.27214	0.588289	1.33566

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg16162350	MECOM	0.426731	0.0663811	0.4865	2.04E-06	0.892375	0.954006	-1.04821	0.505733	1.28619	1.28619	0.203947	0.628724	-1.50652	0.417553	0.749647	-1.33396	0.26838	0.608667	-1.49328	0.166355	0.598514	-1.67081	0.968099	0.986186	-1.01401	0.760545	0.11218	1.1211	1.151	2.20538	1.70316	
cg00614249	COL22A1	0.426731	0.289836	0.455588	-2.19497	0.853867	0.876392	-1.14104	0.940507	0.947981	-1.05486	0.598874	0.683968	-1.46206	0.0184625	0.129357	-7.73053	0.426164	0.559071	-1.78868	0.382266	0.526649	-1.8988	0.396712	0.537384	-1.86087	0.663945	0.731377	-1.36728	1.151	9.33498	7.20915	1
cg21173317	SSU72	0.426732	0.830661	1.24866	1.24866	0.727575	1.43712	1.43712	0.166477	4.63717	4.63717	0.535915	0.522052	-1.91552	0.0607126	0.11163	-8.95817	0.721935	0.690366	-1.44851	0.334683	0.356406	-2.80579	0.527952	1.94073	1.94073	0.640951	0.614444	-1.62749	1.151	19.6007	15.1371	1
cg05321799	AK3L1;AK3L1;AK3L1;AK3L1	0.426734	0.308933	0.68398	-1.46203	0.964705	1.01607	1.01607	0.165565	0.586583	-1.70479	0.97458	0.988372	-1.01156	0.6624	1.17171	1.17171	0.523626	0.79205	-1.26233	0.0626631	2.12666	2.12666	0.508945	1.27339	1.27339	0.93216	0.969756	-1.03119	1.15097	2.37161	1.83165	1
cg11561462	SUDS3	0.426751	0.671765	0.916215	-1.09145	0.320531	1.23202	1.23202	0.334761	1.22658	0.656423	0.912175	-1.09628	0.411831	0.848157	-1.17903	0.140272	1.38506	1.38506	0.233357	0.77326	-1.29323	0.86695	0.966161	-1.03502	0.20557	1.31544	1.21596	0.768362	0.593407	1
cg23937382	ZSCAN1	0.426771	0.485784	0.744316	1.34346	0.266286	0.617007	-1.62073	0.801742	1.11058	1.11058	0.796448	1.11378	1.11378	0.404068	0.700523	-1.4275	0.900159	0.94902	-1.05372	0.0421258	0.37677	-2.65414	0.29733	0.637362	-1.56897	0.404815	1.42666	1.42666	1.15092	3.16787	2.44664	1
cg06163701	PCBP4;PCBP4;PCBP4	0.426774	0.711131	1.34922	1.34922	0.688087	0.722565	-1.38396	0.588549	0.644191	-1.55233	0.598017	1.53484	1.53484	0.257099	0.385828	-2.59183	0.330519	0.445527	-2.24453	0.223266	0.356869	-2.80215	0.0754672	4.92076	4.92076	0.884396	1.12429	1.12429	1.10592	11.8182	9.12757	1
cg25328705	SLC12A7	0.426789	0.468328	1.41582	1.41582	0.90943	2.2761	2.2761	0.178544	0.98648	-1.01375	0.0852809	2.45103	2.45103	0.416168	0.676207	-1.47884	0.826173	0.901545	-1.10921	0.471329	0.708017	-1.4124	0.944722	1.58389	1.58389	0.640309	1.24828	1.24828	1.15088	4.0476	3.12618	1
cg27315635	KCNJ9	0.426793	0.297457	0.545303	-1.83384	0.77003	1.17889	-1.17889	0.751299	1.09543	1.09543	0.775505	0.851697	-1.17413	0.199622	0.622796	-2.13997	0.174382	0.446344	-2.25051	0.136811	0.40665	-2.45912	0.0794179	0.335166	-2.9836	0.734173	0.831445	-1.20273	1.15087	5.74518	4.43735	1
cg27374314	EFCAB5	0.426798	0.387973	0.863465	-1.15812	0.345447	0.851111	-1.17493	0.144727	0.77114	-1.29678	0.887119	1.02384	1.02384	0.147502	0.772714	-1.29414	0.0927456	0.735724	-1.3592	0.412695	1.14907	1.14907	0.537622	0.901628	-1.1091	0.94514	0.988648	-1.01148	1.10586	0.501727	0.387517	1
cg32009436	DCST1	0.426802	0.210417	0.512479	-1.95121	0.615554	0.277228	1.72728	0.651405	0.906501	-1.03135	0.852285	1.09952	1.09952	0.408193	0.644579	-1.55497	0.566128	0.745439	-1.34149	0.613317	0.343747	3.00911	0.88164	1.07839	1.07839	0.105027	0.407691	-2.45284	1.15086	4.67656	3.61205	1
cg26561611	DNAJC30;WBSCR22	0.42681	0.106671	2.63855	2.63855	0.238103	0.507049	-1.98001	0.487623	1.46824	1.46824	0.392278	0.620058	-1.61275	0.877494	1.08743	1.08743	0.609582	1.32339	1.32339	0.347366	0.58746	-1.69565	0.248757	0.517112	-1.93382	0.855348	1.04025	1.10425	1.1717	1.56257	3.55969	1
cg00877098	ARID1B;ARID1B;ARID1B	0.426824	0.49951	0.73981	-1.3721	0.305712	1.61319	1.61319	0.790696	1.13061	1.13061	0.127244	2.14067	2.14067	0.652357	0.81137	-1.23229	0.336693	1.57954	1.57954	0.980418	1.01139	1.01139	0.654903	2.70259	2.70259	0.873657	1.0762	1.0762	1.15084	3.83182	2.89926	1
cg24431725	TUSC4;CYB561D2	0.426824	0.909434	1.14048	1.14048	0.15003	0.168216	-5.94473	0.934321	0.909183	-1.09989	0.484005	2.27412	2.27412	0.0757163	0.101918	-9.8118	?	?	?	0.339921	0.321057	-3.11471	0.342483	1.23111	-3.09491	0.72115	1.51285	1.51285	1.1441	21.4918	18.7849	1
cg17147980	GRIN2B	0.426827	0.956268	0.974506	-1.02616	0.114791	0.445926	-2.24253	0.153137	0.488666	-2.04639	0.547971	1.33149	1.33149	0.111501	1.36873	1.36873	0.683269	0.824335	-1.21131	0.512034	0.731133	-1.36774	0.616932	0.788607	-1.26806	0.175129	1.97202	1.97202	1.1508	4.04185	3.12195	1
cg05929882	TBX5;TBX5	0.426833	0.231557	0.3109	-3.21647	0.434994	0.540508	-1.84977	0.789304	0.779304	-1.2832	0.63946	0.644499	-1.55159	0.234709	0.313587	-3.18891	0.127975	0.382461	-2.61465	0.0678712	0.148884	-6.71665	0.374918	0.234074	-4.27033	0.160974	0.150775	0.374918	1.2303	1	
cg22053565	CDG6;CDG6;CDG6	0.426839	0.503522	0.881422	-1.13453	0.0625061	0.677216	-1.47663	0.393993	0.850159	-1.17625	0.0920758	0.708385	-1.41166	0.923533	1.01801	1.01801	0.476353	0.87403	-1.14413	0.444765	1.15585	1.15585	0.800274	0.95396	-1.04826	0.785055	1.05214	1.05214	1.15078	0.630024	0.486646	1
cg09035057	CCSCBC	0.426842	0.0802409	0.215899	-4.63178	0.210207	0.913463	-2.83718	0.453282	0.5469	-1.82849	0.518213	0.596056	-1.67769	0.075918	0.210035	-4.76018	0.821145	0.836217	-1.19586	0.938396	0.940769	-1.06296	0.2836	0.414786	-2.41088	0.17728	0.322157	-3.10407	1.15077	11.3725	8.78443	1
cg24459245	MMP16;MMP16	0.426845	0.60263	0.65199	-1.05398	0.746203	0.968021	-1.03324	0.485292	0.931481	-1.07356	0.0952695	0.788008	1.20729	1.20729	0.25256	1.12706	1.12706	0.618328	0.950972	-1.05156	0.833023	0.979117	-1.02133	0.99866	0.999832	-1.00017	1.15076	0.182564	0.14102	1
cg22940789	DCLK1	0.426856	0.236227	0.603695	-1.65647	0.152985	0.536387	-1.86432	0.962324	1.01941	1.01941	0.531379	0.772561	-1.2944	0.0999945	0.480188	-2.08252	0.625923	0.818772	-1.22134	0.255446	0.616799	-1.62127	0.0856129	0.461476	-2.16696	0.248078	0.611735	-1.6347	1.15074	3.01907	2.33207	1
cg01029247	VGLL4;VGLL4	0.426886	0.189636	0.750249	-1.33294	0.973353	0.18558	1.28858	0.161804	0.82508	1.2212	0.146714	0.791194	1.26373	0.431142	0.853152	-1.17466	0.25095	0.76875	-1.30096	0.222122	1.29385	1.29385	0.172257	0.868356	-1.13133	0.314456	0.801875	-1.24772	0.56074	0.715519	0.565064	1
	PPP8;DPP8;DPP8;DPP8;PPP8;DPP8;DPP																															
cg09230442	8	0.426866	0.894313	0.973363	-1.02737	0.107191	0.699652	-1.42928	0.106052	0.689601	-1.43125	0.0916568	0.685755	-1.45825	0.259538	0.787488	-1.26986	0.863379	1.0356	1.0356	0.952481	1.01218	1.01218	0.372164	0.831622	-1.20247	0.803916	0.950726	-1.05183	1.15072	0.751911	0.580822	1
cg09372040	C13orf39	0.426868	0.580398	0.656184	-1.52396	0.0559158	5.1247	5.1247	0.3761	1.98453	1.98453	0.925819	1.0728	1.0728	0.325746	0.465039	-2.15036	0.586337	0.660611	-1.51375	0.293412	0.439385	-2.27591	0.933849	0.930282	-1.06464	0.518448	0.610202	-1.6388	1.15072	10.3763	8.01529	1
cg26119367	RADS1AP2	0.426868	0.54101	0.632826	-1.58021	0.964522	0.967648	-1.03343	0.319905	1.08743	1.08743	0.96282	1.03844	0.476339	0.585396	1.70824	1.70824	0.474073	0.583731	-1.71312	0.990422	0.991164	-1.00892	0.0300101	0.60194	0.607978	1.37582	1.37582	1.15072	9.96357	7.69651	1
cg13096260	SDC2	0.426869	0.475396	0.806586	-1.24002	0.357838	0.173589	1.09256	0.0852166	1.17565	1.17565	0.145639	0.356881	2.80255	0.0184506	0.141659	-7.05962	0.385981	0.64556	-1.54644	0.0911	0.0600508	-14.2802	0.40761	0.816063	-1.2254	0.239436	1.34487	1.34487	1.15072	1.0494	0.810629	1
cg02880508	UNC13D	0.426872	0.428532	0.624382	-1.60158	0.0976402	2.88367	2.88367	0.176975	2.30776	2.30776	0.241843	2.04188	2.04188	0.274017	0.515152	-1.94117	0.665339	0.28866	1.28866	0.818267	1.14353	1.14353	0.781239	0.850248	-1.17633	0.847707	0.894901	-1.11856	1.15071	6.1887	4.78059	1
cg02597791	ECHDC3	0.426873	0.889122	0.974831	-1.02582	0.188094	0.755532	-1.32357	0.140772	0.728281	-1.37407	0.343895	0.121648	1.21648	0.170174	0.745558	-1.34128	0.149309	0.732787	-1.36449	0.87901	1.03109	1.03109	0.760816	0.942281	-1.06125	0.773655	1.05969	1.05969	1.15071	0.736217	0.568707	1
	ADARB1;ADARB1;ADARB1;ADARB1;AD																															
cg02786790	ARB1;ADARB1;ADARB1	0.426876	0.784908	1.13521	1.13521	?	?	?	0.613094	1.26565	1.26565	0.196646	1.88294	1.88294	0.0967318	0.429466	-2.32847	0.420969	0.683105	-1.4639	0.275907	0.591314	-1.69115	0.86405	0.923631	-1.08268	0.440409	0.694386	-1.44012	1.14399	3.46082	3.02523	1
cg06019273	ARID1B;ARID1B;ARID1B	0.426878	0.60158754	0.748657	-1.34097	0.679691	0.809789	-1.23489	0.562594	0.742636	1.34655	0.203036	0.747075	1.34655	0.203036	0.747075	-1.33849	0.732257	0.683554	-1.46307	0.248083	0.44473	1.94473	0.0551275	0.259283	2.03128	0.203128	0.51509	0.49916	1.15067	0.63547	1	
	LOC81691;LER2;LOC81691;LOC81691;E																															
cg02589879	R2;LOC81691	0.42689	0.434477	0.902486	-1.10805	0.959554	0.993496	-1.00655	0.90553	1.01539	1.01539	0.705559	0.952336	-1.05005	0.076217	1.28894	1.28894	0.477453	1.09739	1.09739	0.622841	1.06586	1.06586	0.482463	1.09619	1.09619	0.0707202	1.29671	1.29671	1.15067	0.30168	0.233046	1
cg17281993	SDHAP3	0.426891	0.220631	1.35574	1.35574	0.365757	1.24561	1.24561	0.976401	1.00702	1.00702	0.332866	1.26629	1.26629	0.326862	1.27027	1.27027	0.339473	1.26199	1.26199	0.0299528	1.82864	1.82864	0.717362	1.08972	1.08972	0.247101	1.33113	1.33113	1.15063	1.01794	0.786384	1
cg01583117	OTX1	0.426891	0.416842	0.234553	-4.26343	0.266415	0.711734	7.61134	0.127131	18.3036	18.3036	0.645626	2.24191	2.24191	0.748332	1.75237	1.75237	0.621001	2.38488	2.38488	0.704313	1.94784	1.94784	0.0476194	56.2636	56.2636	0.537863	2.96089	2.96089	1.17148	55.1018	36.5836	1
cg16439361	AGAP3	0.426894	0.370351	0.7109	-1.40665	0.757015	0.876715	-1.14062	0.190794	0.699596	1.42956	0.0700202	0.754112	1.33721	0.33721	0.225205	0.559383	0.458614	1.24734	1.24734	0.264485	0.702467	1.42313	0.264485	0.551472	1.81331	0.622393	0.592946	1.68136	1.6016	1.15062	0.472713	0.368661	1
cg04575016	C3orf64	0.426916	0.995458	0.997346	-1.00266	0.422863	1.46543	1.46543	0.747728	0.860154	-1.16258	0.360446	0.644755	-1.55098	0.546409	0.752062	-1.32968	0.376393	0.654591	-1.52767	0.445228	0.695397	-1.43803	0.204692	1.86775	1.86775	0.0890831	2.39964	2.39964	1.15062	3.97105	3.06776	1
cg06352675	FLI41350	0.426958	0.60665	1.2468	1.2468	0.0973	0.952319	-1.0522	0.743264	0.833118	1.20031	0.451241	0.663014	-1.50826	0.556706	0.7424005	-1.34697	0.671524	0.881681	-1.13426	0.432586	0.550796	1.81599	0.0790511	1.49055	1.49055	0.0127993	1.47061	1.47061	1.15064	0.438	0.342851	1
cg13950674	SPRR2B;SPRR2B	0.426962	0.21743	0.182527	-5.47866	0.279882	0.229369	-4.3598	0.43802	2.82048	2.82048	0.912926	1.15416	1.15416	0.787607	1.4247	1.4247	0.135548	2.12408	2.12408	0.104586	0.0977541	-10.2297	0.855832	1.26919	1.26919	0.645535	1.83508	1.83508	1.15061	11.3089	24.1873	1
cg23239356	NXPH1	0.426923	0.037268	0.40522	-2.46779	0.848917	1.07386	1.07386	0.698299	1.15666	1.15666	0.531474	1.26723	1.26723	0.329894	0.686819	-1.45599	0.561862	0.803205	-1.24501	0.201046	0.603779	-1.65623	0.683105	0.857821	-1.16574	0.852478	1.07203	1.07203	1.1506	2.54407	1.96539	1
cg04912501	RPS6KA2	0.426953	0.984613	1.04727	1.04727	0.39006	0.95339	-1.0522	0.741864	0.833118	1.20031	0.451241	0.663014	-1.50826	0.556706	0.7424005	-1.34697	0.671524	0.881681	-1.13426	0.432586	0.550796	1.81599	0.0790511	1.49055	1.49055	0.0127993	1.47061	1.47061	1.15064	0.438	0.342851	1
cg11287987	SOST	0.42694	0.136438	0.46264	-2.16151	0.315421	0.607329	-1.64655	0.102979	0.42445	-2.35939	0.394331	0.657614	-1.52065	0.401257	0.661834	-1.51095	0.17303	0.498292	-2.00685	0.531174	0.737316	-1.35627	0.3161	0.462285	-2.16317	0.131092	0.456966	-2.18835	1.15057	4.20565	3.24914	1
cg02570004	FBXO11;FBXO11;FBXO11	0.426943	0.955778	1.04525	1.04525	0.567044	0.72117	1.38606	0.0550548	1.17565	1.17565	0.145639	0.356881	2.80255	0.0184506	0.141659	-7.05962	0.385981	0.64556	-1.54644	0.0911	0.0600508	-14.2802	0.40761	0.816063	-1.2254	0.239436	1.34487	1.34487	1.15072	1.0494	0.810629	1
cg24447775	PRKCZ	0.426952	0.179863	0.380894	-2.6254	0.953113	1.04224	1.04224	0.775219	0.823651	-1.21411	0.741715	0.803177	-1.24506	0.0205476	0.150948	-6.62478	0.529862	0.649691	-1.53919	0.438899	0.585671	-1.70744	0.475035	0.611252	-1.63599	0.6239	0.715419	-1.39778	1.15054	8.36752	6.46459	1
cg01536094	POU2F1	0.426953	0.473134	0.799315	-1.25094	0.841172	0.644458	-1.55244	0.234212	0.639538	-1.56365	0.376864	0.722481	-1.38435	0.0722481	0.144158	-6.93503	0.376864	0.741258	-1.34898	0.0976643	0.0722481	-13.8435	0.376864	0.741258	-1.34898	0.0976643	0.0722481	-13.8435	1.15054	2.54159	1.98097	1
cg13855862	CAR214	0.426956	0.910106	0.978244	-1.02224	0.23522	0.784834	-1.27415	0.457149	0.945602	-1.05783	0.586799	0.113338	-8.82181	0.0178225	0.111428	-8.97328	0.220503	0.27834	-3.59273	0.0154486	0.0106896	-93.5566	0.0193289	0.147818	-6.76971	0.0130017	0.00305	0.0049155	1.14511	1.15053	0.691128	0.533957	1
cg24635903	CCDC15	0.426959	?	?	?	0.641267	1.65936	1.65936	0.898523	0.87136	-1.14763	0.389643	2.58945	2.58945	0.566806	1.86796	1.86796	0.0455792	0.0842247	-11.873	0.366778	0.367633	-2.72011	0.608356	1.74684	1.74684	0.764814	0.723389	-1.38238	1.14381	18.7566	16.3984	1
cg07100128	ABCB6	0.426959	0.86487	0.972203	-1.02859	0.211896	0.404686	-2.4715	0.0941494	0.875248	-1.14255	0.389644	2.58945	2.58945	0.566806	1.86796	1.86796	0.0455792	0.0842247	-11.873	0.366778	0.367633	-2.72011	0.608356	1.74684	1.74684	0.764814	0.723389	-1.38238	1.14381	18.7566	16.3984	1
cg03528946	SHB	0.42696	0.359335	0.539936	-1.85207	0.364741	0.543883	-1.83863	0.0312146	0.191455	-5.22326	0.226748	0.436089	-2.29311	0.379413	0.55452	-1.80336	0.171454	0.385938	-2.59109	0.603491	0.709889	-1.40867	0.378637	0.553961	-1.80518	0.308628	0.502052	-1.99183	1.15053	7.79182	6.0199	1
cg02023605	MYLK;MYLK;MYLK;MYLK	0.426965	0.478585	1.23663	1.23663	0.681635	1.12919	1.12919	0.242879	0.697459	-1.43378	0.441165	0.795287	-1.26058	0.806398	0.930166	-1.07508	0.382197	1.30242	1.30242	0.0447461	1.97246	1.97246	0.629188	1.06577	1.06577	0.939601	0.979646	-1.02601	1.15052	1.58389	1.29271	1
cg00489066	ABAT;ABAT	0.426966	0.530354	0.84919	-1.13098	0.310155	0.642857	-1.5555	0.0312146	0.191455	-5.22326	0.226748	0.436089	-2.29311	0.379413	0.55452	-1.80336	0.171454	0.385938	-2.59109	0.603491	0.709889	-1.40867	0.378637	0.553961	-1.80518	0.308628	0.502052	-1.99183	1.15053	7.79182	6.0199	1
cg24663636	NFKBIA	0.426986	0.194516	0.530731	-1.88419	0.572214	0.7684	-1.30141	0.800828	1.12376	1.12376	0.731045	0.852766	-1.17265	0.503085	0.730742	-1.36847	0.453698	0.70306	-1.42235	0.304721	0.319808	-3.12688	0.257659	0.579693	-1.72505	0.20212	0.537048	-1.86203	1.15047	3.88231	2.99959	1
cg16830870	NDUFA12	0.427001	0.141775	0.371007	-2.69546	0.707747	0.1397	-7.15733	0.0312146	0.191455	-5.22326	0.226748	0.436089	-2.29311	0.379413	0.55452	-1.80336	0.171454	0.385938	-2.59109	0.603491	0.709889	-1.40867	0.378637	0.553961	-1.80518	0.308628	0.502052	-1.99183	1.15053	7.79182	6.0199	1
cg18712348	CTNNA1;ERTM2	0.427003	0.936386	1.02156	1.02156	0.6091329	0.580762	-1.72188	0.0797445	0.594761	-1.68135	0.612503	0.87242	-1.14624	0.439052	0.809862	-1.23478	0.950686	0.983609	-1.01666	0.515836	1.18238	1.18238	0.938113	0.979464	-1.02097	0.508118	1.1965	1.1965	1.15044	1.30099	1.00521	1
cg05825928	UBP5	0.427006	0.404686	1.57265	1.57265	0.129228	1.2826	2.38826	0.216824	0.99374	1.99374	0.899012	1.07559	1.07559	0.424587	0.694934	-1.44003	0.412686	0.641358	-1.55919	0.505202	0.698619	-1.43139	0.547407	0.724047	-1.38113	0.249529	0.52777	-1.89477	1.15043	0.13828	0.10702	1
cg13032463	?	0.427011	0.0397723	18.7015	18.7015	0.200253	5.2954	5.2954	0.438375	2.64678	2.64678	0.365603	3.14307	3.14307	0.600593	1.91707	1.91707	0.89701	1.17297	1.17297	0.969956	1.04749	1.04749	0.68714	1.64671	1.64671	0.103017	9.00054	9.00054	1.15042	27.6531	21.3665	1
cg20517099	C21orf125	0.427012	0.433143	0.32455	-3.21278	0.447453	1.20531	1.20531	0.512649	1.17369	1.17369	0.320866	0.78085	-1.28066	0.166338	0.700507	-1.42754	0.706223	1.09563	1.09563	0.943568	1.01722	1.01722	0.0618408	0.602169	-1.66066	0.834077	0.950667	-1.05189	1.15042	1.05987	0.818924	1
cg04021013	LEMD2;LEMD2	0.427013	0.548113	0.708572	-1.41212	0.572458	0.7686	-1.30086	0.614545	0.872248	-1.13993	0.18499	0.598043	-1.67208	0.0972348	0.140251	-7.12433	0.561	0.78255	-1.27788	0.184025	0.3563	1.8063	0.0622456	0.987972	-1.01217	0.125388	0.654337	-1.52826	1.15042	0.31384	0.920511	1
cg22232260	WDR1;WDR1	0.427018	0.510306	1.19426	1.19426	0.158341	1.50064	1.50064	0.457074	0.81764	-1.22303	0.728882	1.09692	1.09692	0.177032	1.4644	1.4644	0.128017	1.54869	1.54869	0.270488	1.35664	1.35664	0.132281	1.53808	1.53808	0.614715	1.14445	1.14445	1.15041	1.28761	0.994907	1
cg20478247	ZNF681	0.427018	0.782106	1.28213	1.28213	0.205513	0.868654	-1.15145	0.0312146	0.191455	-5.22326	0.226748	0.436089	-2.29311	0.379413	0.55452	-1.80336	0.171454	0.385938	-2.59109	0.603491	0.709889	-1.40867	0.378637	0.553961	-1.80518	0.308628	0.502052	-1.99183	1.15053	7.79182	6.0199	1
cg02537226	C7orf51	0.427019	0.606164	0.921424	-1.08528	0.202607	0.809229	-1.23574	0.326631	1.17276	1.17276	0.61904	1.08207	1.08207	0.231632	0.820841	-1.21826	0.957432	0.991636	-1.00843	0.591655	0.918318	-1.08895	0.168497	1.25974	1.25974	0.259568	1.20341	1.20341	1.1504	0.45115	0.348593	1
cg18416251	EZH2;EZH2	0.427023	0.10542	0.524384	-1.907	0.951103	1.02263	1.02263	0.993121	1.00775	1.00775	0.291375	0.671234	-1.48979	0.037481	0.414262	-2.41393	0.464394	0.262059	-3.81223	0.96682	0.984936	-1.01525	0.893734	0.9524	-1.04998	0.410506	0.735564	-1.3595	1.15039	2.42619	1.87467	1
cg12880903	NYNRIN	0.427026	0.332381	0.737069	-1.62505	0.64252	0.744706	-1.34408	0.170581	0.2229	-4.48665	0.277579	-1.28064	0.0219744	0.0214555	0.127959	-7.81455	0.477339	0.805466	-1.24131	0.153969	0.460559	-2.08091	0.184113	0.503446	-1.98623	0.0274483	0.321483	-3.11009	1.15039	-1.99423	0.327483	0.61385	4.2966	4.2966	1.15039	4.2466	3.28129	1
cg27639807	TTC15	0.427027	0.779576	1.28449	1.28449	0.124948	0.40198	0.40198	0.740564	1.34514	1.34514	0.655153	1.4935	1.4935	0.446939	0.500727	-1.9971	0.993457	1.00734	1.00734	0.0518165	0.138815	-7.20383	0.949503	0.945053	-1.05814	0.750343	1.32956	1.32956	1.15039	14.5069	11.2093	1
cg14645439	NOTCH4	0.427029	0.674058	0.753552	1.32952	0.616076	1.49273	1.49273	0.44356	0.964014	0.643133	-1.21947	0.114381	0.887368	0.112766	0.0506304	-1.97512	0.458951	0.578377	-1.72888	0.314769	0.411618	-2.42944	0.0977211	0.240315	-4.16102	0.0977211	0.240315	-4.16102	1.15038	0.37972	0.29702	1
cg17324776	AARS1;AARS1	0.427036	0.150514	0.18652	1.18652	0.559191	1.10862	1.06862	0.177715	1.17464	1.17464	0.300056	1.12827	1.12827	0.471773	0.08574	1.08574	0.054814	1.27731	1.27731	0.686069	1.04672	1.04672	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05444816	IGFALS;INS-IGF2;IGF2;IGF2;IGF2AS;IGF2	0.427477	0.93649	0.94388	-1.05946	0.839857	0.15797	1.15707	0.311874	2.14287	0.781853	1.22293	0.222215	0.391803	0.249764	0.415768	-2.40518	0.916401	0.926725	-1.07907	0.03707	3.81538	0.312687	2.13992	1.17023	9.52934	6.33358	1
cg21157353	ADAMTSL4;ADAMTSL4	0.427481	0.105068	0.563617	-1.77425	0.697724	0.881301	-1.13469	0.521189	0.81017	-1.23431	0.486748	0.79551	-1.57205	0.026815	0.427775	-2.33768	0.927062	0.970793	-1.03009	0.949072	1.02089	0.692932	0.879425	-1.13711	0.595372	0.840698	-1.18949	1.49444	1.908	1.4755	1
cg09305561	TSPAN7	0.427481	0.058906	0.036308	-27.5419	0.496127	0.341607	-2.92734	0.879875	0.790525	-1.26498	0.193673	0.47959	0.47959	0.635004	2.1028	2.1028	0.267652	0.186722	-5.35555	0.680391	1.90371	1.90371	0.691424	0.537889	-1.85912	0.463165	0.313673	-3.18803	1.44944	43.9797	34.0106	1
cg24740922	NDNH;LNSDH1;CTN2	0.427481	0.163659	0.136117	-7.3466	0.990538	1.01604	1.01604	0.986019	0.976766	-1.02379	0.192434	0.36525	0.36525	0.241535	5.17932	5.17932	0.104573	0.0925405	-10.8061	0.91725	0.868656	-1.14962	0.962657	1.06483	1.06483	0.959932	0.934482	-1.06972	1.41942	32.7655	25.3387	1
cg09943323	FOXN2	0.427501	0.517712	0.670769	-1.49083	0.895045	0.311804	1.32655	0.311702	0.528738	-1.89129	0.913998	1.06799	1.06799	0.085285	0.314001	-3.18471	0.906361	1.07428	1.07428	0.373767	0.57354	-1.74356	0.368097	1.75448	1.75448	0.781136	0.844009	-1.18482	1.4164	6.7491	5.21941	1
cg18311498	WDR86	0.427508	0.856137	1.14928	1.14928	0.40141	0.51764	-1.93184	0.144806	3.2243	3.2243	0.61376	0.676025	-1.47727	0.124245	0.279104	-3.5829	0.92978	0.934658	-1.06991	0.384892	0.505085	-1.97986	0.510433	1.66837	1.66837	0.215833	0.366365	-2.72951	1.40438	10.7005	8.27534	1
cg19434410	KIAA1688	0.427521	0.179219	0.563412	-1.7749	0.282905	0.638474	-1.56624	0.179875	0.563959	-1.77318	0.292622	0.64465	-1.55123	0.0587205	0.423744	-2.35991	0.231471	0.603687	-1.65649	0.362859	0.686554	-1.45655	0.167277	0.553224	-1.80758	0.55057	0.784386	-1.27488	1.49436	2.94358	2.2765	1
cg14131940	RAB11FIP3;RAB11FIP3	0.427523	0.626817	0.79007	-1.26571	0.207359	1.89537	1.89537	0.317256	1.55308	1.55308	0.566258	0.756674	-1.32157	0.5403	1.34734	0.332812	0.618351	-1.61679	0.623831	0.60979	-1.22489	0.070954	0.378047	-2.64517	0.14035	4.20985	3.25592	1
cg24011260	DPP6;DPP6	0.427523	0.214745	1.63543	1.63543	0.181802	1.09187	1.09187	0.601253	0.819867	-1.2197	0.907608	1.0447	1.0447	0.202403	0.602423	-1.65996	0.383938	0.714442	-1.39969	0.388432	1.39505	0.688343	1.164	1.164	0.094939	1.96606	1.99606	1.4934	2.58231	1.39714	1
cg06236987	FLJ34503	0.427541	0.174821	4.84356	4.84356	0.228961	0.251537	-3.97556	0.332626	2.98197	2.98197	0.39051	0.382178	-2.61658	0.867553	1.20017	1.20017	0.165878	0.19882	-5.02969	0.329521	1.00438	1.00438	0.814907	1.29222	1.29222	0.895191	0.865813	-1.15498	1.14932	21.7533	16.8242	1
cg17394663	ZNF345	0.427547	0.226442	0.845508	1.18272	1.18272	0.379966	1.12697	0.31697	0.566652	0.926324	-1.07954	0.702568	1.052	1.052	0.819553	1.20866	1.12666	0.290182	1.1561	1.1561	0.412315	0.895115	1.11717	0.548905	1.08343	1.08343	0.077556	1.29594	1.29594	0.411	0.317809	0.245798	1
cg19827167	MIR760	0.427558	0.771534	1.20405	1.20405	0.734126	1.7592	3.7592	0.169567	2.59619	2.59619	0.937047	0.978703	-1.02176	0.745093	1.23135	1.23135	0.255539	0.463862	-2.15581	0.780977	1.19453	0.951432	1.03957	1.03957	0.398183	0.573583	-1.74343	1.983	7.33749	4.08217	1
cg10105755	EXOC4	0.427569	0.613411	1.12768	1.12768	0.289983	0.777509	-1.28591	0.62123	1.11965	1.11965	0.351387	1.24315	1.24315	0.990209	1.00279	1.00279	0.163853	0.809152	-1.23585	0.932058	0.79383	-1.2613	0.692895	1.12447	1.12447	0.072867	1.57617	1.57617	1.49226	0.937391	0.725017	1
cg24585377	RPS6KA1	0.427569	0.857897	0.844777	-1.18374	0.08802088	5.87443	5.87443	0.178505	3.83937	3.83937	0.708266	0.702036	-1.42443	0.219825	0.296922	3.36788	0.688657	1.46093	1.46093	0.42386	2.15779	2.15779	0.354555	2.45075	2.45075	0.684564	0.680861	-1.46873	1.49226	16.1229	12.4701	1
cg08418872	TNFRSF1A	0.427573	0.433153	0.632842	-1.58017	0.133267	2.52552	2.52552	0.353701	1.58145	-1.71864	0.60201	0.74009	-1.35119	0.0740562	0.650795	-1.53658	0.385098	0.600874	-1.66424	0.472232	1.51931	0.250808	0.98053	1.98653	0.313313	0.550708	-1.81584	1.49225	5.95576	4.60649	1
cg06126815	PON2;PON2	0.427575	0.668456	1.14724	1.14723	0.295655	1.80384	1.80384	0.724393	1.19448	1.11948	0.192063	1.53587	1.55307	0.52051	0.812492	-1.23078	0.190315	1.55608	1.55608	0.263083	1.45058	1.45058	0.161927	1.6098	1.6098	0.833156	0.934906	-1.06956	1.49225	1.84694	1.4084	1
cg16758953	GSTO2	0.427575	0.75696	1.18213	1.18213	0.54762	0.720383	-1.38815	0.268536	0.53734	-1.86102	0.180097	0.464284	-2.15385	0.602475	1.3274	1.3274	0.299108	1.78611	1.78611	0.166632	2.21404	2.21404	0.515482	0.700882	-1.42677	0.332895	0.583704	-1.7132	1.49225	5.28747	4.08962	1
cg12610046	CHSY1	0.427576	0.700885	1.10817	1.10817	0.113302	1.59311	1.59311	0.149761	1.51151	1.51151	0.544844	0.850796	-1.17537	0.846178	0.949625	-1.05305	0.628694	1.13846	1.13846	0.0919818	1.6383	1.6383	0.422342	1.24379	1.24379	0.215187	1.41509	1.41509	1.4924	1.28909	0.997056	1
cg00055675	TNFSF10	0.427625	0.476263	0.634887	-1.57508	0.412106	0.590969	-1.69124	0.0357063	0.21587	-4.63242	0.36207	0.555663	-1.79965	0.182779	0.411997	-2.4272	0.350153	0.547066	-1.82793	0.272171	1.24511	0.749842	1.22219	1.22219	0.970225	0.976861	-1.02369	1.49224	7.16045	5.53829	1
cg14713672	HMOX1	0.427578	0.27544	0.645528	-1.54912	0.819399	1.09223	1.09223	0.682471	1.17195	1.17195	0.219966	0.608025	-1.64467	0.103693	0.503367	-1.98662	0.0895371	0.485726	-2.05877	0.766224	1.12189	1.12189	0.703176	0.862705	-1.15914	0.710633	1.15461	1.15461	1.49224	2.70858	2.09497	1
cg07981475	RDX	0.427583	0.878736	0.842119	-1.18705	0.266255	0.648327	-1.54232	0.464931	1.2463	1.2463	0.802254	0.784621	-1.27453	0.663162	1.10025	1.10025	0.0836358	0.467244	-2.14021	0.749038	1.33605	1.33605	1.039	1.039	0.95392	1.02323	1.02323	1.49223	2.87455	2.22336	1
cg08899291	ITFG1	0.427588	0.98437	1.00225	1.00225	0.736857	1.03954	1.03954	0.158793	0.840984	-1.18908	0.41543	0.908727	-1.10044	0.297624	0.768216	-1.30156	0.395287	0.904744	-1.10529	0.140717	0.833438	-1.19985	0.944964	1.17096	1.17096	0.709353	1.04399	1.04399	1.4922	0.240631	0.186121	1
cg26566658	P2RY2	0.427597	0.988935	1.00185	1.00185	0.215719	1.84106	1.84106	0.0554752	0.528735	-1.89145	0.0482154	1.18447	1.18447	0.0455449	0.687415	-1.45492	0.523731	1.61083	1.61083	0.0621483	1.78461	1.78461	0.0455732	1.74487	1.74487	0.0898686	0.896062	-1.11599	1.4922	1.84094	1.42084	1
cg02092708	FHL5;FHL5	0.427614	0.437428	1.32092	1.32092	0.779841	0.906231	-1.10347	0.0705075	2.03446	2.03446	0.589594	0.825846	-1.21088	0.169004	1.67346	1.67346	0.65162	1.852397	-1.17316	0.140867	1.74459	1.74459	0.814483	1.0861	1.0861	0.543635	1.24109	1.24109	1.4916	2.24692	1.73801	1
cg19789919	ATF7IP	0.427636	0.206609	0.716275	-1.39611	0.969417	0.990442	-1.00965	0.152246	1.46841	-1.4681	0.951534	0.984889	-1.01534	0.193688	1.41131	1.41131	0.194041	0.708777	-1.41088	0.700818	1.10154	1.10154	0.652659	1.21131	1.21131	0.603604	1.14022	1.14022	1.14912	0.214212	0.883472	1
cg12781834	DNAJC7;NKIRAS2;DNAJC7;DNAJC7;DNA JC7	0.427639	0.898328	1.04889	1.04889	0.459598	0.754812	-1.32483	0.462618	0.756388	-1.32207	0.203521	1.65063	1.65063	0.865908	1.06514	1.06514	0.234988	1.5917	1.5917	0.160455	0.571277	-1.75046	0.725087	1.14093	1.14093	0.182626	1.69574	1.69574	1.49111	2.53758	1.96292	1
cg09942434	MGAT5B;MGAT5B	0.427642	0.827953	1.15082	1.15082	0.37783	1.20053	1.20053	0.482466	1.05285	1.05285	0.674555	1.59712	1.59712	0.597121	1.14592	1.14592	0.17451	1.34486	1.34486	0.042916	2.13262	2.13262	0.775513	1.4299	1.4299	0.666376	0.868498	1.15141	1.4921	1.52293	1.48748	1
cg19687193	NDUFS6	0.427646	0.256973	0.20579	-4.85932	0.0799796	13.4079	13.4079	0.614766	0.507585	-1.97012	0.30875	0.48633	0.48633	0.464236	2.70576	2.70576	0.24202	0.194707	-5.13593	0.630656	1.91044	1.91044	0.971125	0.952785	-1.04955	0.867209	1.25059	1.25059	1.4921	32.495	25.1366	1
cg26140100	APLN	0.427646	0.746605	1.22763	1.22763	0.592829	0.710741	-1.40698	0.852781	1.1247	1.1247	0.195336	0.420466	-2.37831	0.0512892	0.245647	-4.07089	0.947593	0.95927	-1.04246	0.905833	1.07773	1.07773	0.155009	0.381851	-2.61882	0.265509	0.479981	-2.08342	1.4921	7.28257	5.63345	1
cg18509435	CDH20	0.427647	0.605736	1.910968	1.910968	0.275776	1.22733	1.22733	0.422748	1.14681	0.693932	1.51255	1.59712	1.59712	0.597131	1.14592	1.14592	0.739514	1.941991	1.941991	0.0514158	2.0271	2.0271	0.582326	1.07568	1.07568	0.987335	1.00285	1.00285	1.4921	0.583688	0.451515	1
cg22558562	EMID	0.427652	0.358009	0.630364	-1.58638	0.834553	0.914198	-1.09385	0.758508	0.860237	-1.16247	0.310642	2.4059	2.4059	0.264537	0.566814	-1.76425	0.261948	0.564919	-1.77016	0.670308	1.23253	1.23253	0.24517	1.81025	1.81025	0.745915	1.17202	1.17202	1.14909	1.33746	3.33529	1
cg02348314	KIF18A;METTSD1;METTSD1	0.427654	0.104758	0.620254	-1.61193	0.262156	0.43664	-2.29064	0.175058	0.464364	-2.15305	0.184706	0.370056	-2.70216	0.0724266	0.252705	-3.95662	0.178513	0.634848	-1.57548	0.285734	1.27232	1.27232	0.0662571	1.27861	1.27861	0.0662732	1.74407	1.74407	0.8998686	0.896062	-1.11599	1.4902	0.65598	0.49467	2.16	1.63842
cg04576203	HTRA2;HTRA2;AUP1	0.427655	0.13988	0.704103	-1.42025	0.22447	1.32555	1.32555	0.926001	0.979691	-1.02073	0.677408	1.0968	1.0968	0.835806	1.04691	1.04691	0.138389	1.42242	1.42242	0.226651	0.755501	-1.32363	0.683148	0.913345	-1.09488	0.839682	0.956248	-1.04575	1.49108	0.887784	0.68676	1
cg14868703	LHX5	0.427656	0.296956	1.34051	1.34052	0.362978	0.776169	-1.28838	0.318663	0.76545	-1.30642	0.946809	1.01825	1.01825	0.31881	0.75637	-1.3221	0.0650857	0.570456	-1.75298	0.472468	0.820128	-1.21902	0.592193	1.15782	1.15782	0.342003	0.766948	-1.30387	1.49108	1.33665	1.03399	1
cg09742148	MAGED1;MAGED1;MAGED2	0.427659	0.064832	1.15982	1.15982	0.0758314	1.63087	1.63087	0.648452	1.12372	1.12372	0.619663	0.807352	-1.23907	0.0661681	1.2795	1.2795	0.247759	0.563176	-1.7751	0.582803	1.01023	1.01023	0.914527	0.673496	-1.48479	0.778969	1.13515	1.13515	1.14907	0.4106	3.17443	1
cg14626525	MIR602	0.427664	0.476437	0.72199	-1.38506	0.0332856	3.1407	3.1407	0.246927	1.72816	1.72816	0.917818	0.954737	-1.04741	0.77185	0.877654	-1.1394	0.540675	1.3211	1.3211	0.955401	1.00258	1.00258	0.625216	1.24755	1.24755	0.702151	0.841511	-1.18834	1.16981	3.65259	2.42851	1
cg16089348	CYTSB;CYTSB;CYTSB;CYTSB	0.427665	0.15797	1.34521	1.34521	0.606047	0.875252	-1.14243	0.798761	0.951057	-1.05146	0.489157	1.18037	1.18037	0.0911852	1.39202	1.39202	0.0995	1.696572	-1.06261	0.153586	2.15404	2.15404	0.0911852	1.39202	1.39202	0.0995	1.31475	0.970917	1.05179	0.745281	1		
cg04202267	LASS6	0.427671	0.891273	0.969	-1.03199	0.972433	0.992075	-1.00799	0.459786	0.840893	-1.18921	0.209625	0.737525	-1.35589	0.729155	0.923189	-1.0832	0.314652	2.7205	2.7205	-1.38526	0.227447	0.227447	0.102985	0.50789	0.50789	0.285088	0.774414	1.2913	1.49055	0.964772	0.746336	1
cg21787965	LOC285954;LOC285954;INHBA	0.427676	0.236796	0.571771	-1.74895	0.846283	1.09148	1.09148	0.1956	0.539407	-1.85389	0.267916	0.594244	-1.68281	0.206413	0.548244	-1.82401	0.556725	0.764849	-1.30745	0.0741277	0.40757	-2.45357	0.559956	1.30452	1.30452	0.857214	1.08461	1.08461	1.49004	3.70148	2.86345	1
cg00924676	GNAL;GNAL;GNAL;CHMP1B	0.427678	0.948168	1.02915	1.02915	0.0396609	1.42832	1.42832	0.191261	1.25364	1.25364	0.460937	0.645295	-1.54939	0.307192	0.806143	-1.24017	0.156645	1.76	1.76	0.81943	1.09356	1.09356	0.0491123	0.223841	0.61095	0.610951	0.0491123	0.303337	0.603013	2.53364	1.76002	1
cg15721245	ZNF468;ZNF468	0.427679	0.459251	1.84296	1.84296	0.547508	0.153859	1.63859	0.641345	1.46318	1.46318	0.143993	3.57348	3.57348	0.124998	0.264331	-3.78134	0.76579	0.784765	-1.27427	0.375916	0.311135	-3.21404	0.907085	1.54157	1.54157	0.968661	0.968628	-1.03239	1.14903	11.9787	9.26672	1
cg11935831	CCDC57	0.427683	0.352834	0.584554	-1.75834	0.746892	0.960462	-1.04161	0.922171	0.95937	-1.04177	0.423177	1.56034	1.56034	0.0837984	0.640315	-1.56129	0.0710597	0.220207	-4.54053	0.0409088	2.03023	2.03023	0.0837984	1.56034	1.56034	0.0837984	1.73116	1.73116	1.14907	0.4106	3.17443	1
cg04625536	UBR2	0.427687	0.603999	1.13548	1.13548	0.944882	0.983352	-1.01693	0.226268	0.734535	-1.36141	0.846202	0.629307	-1.58905	0.551224	0.863815	-1.15766	0.442635	1.20935	1.20935	0.108858	0.654028	-1.52899	0.400832	0.811548	-1.23221	0.777053	0.933389	-1.07136	1.4901	1.07295	0.830043	1
cg13104682	PI2BN3	0.427689	0.258446	0.545003	-1.83567	0.0240008	0.564649	-1.7286	0.0778873	0.661719	-1.51074	0.445724	1.60529	1.60529	0.307192	0.806143	-1.24045	0.104055	0.662144	-1.51025	0.0941774	1.58373	1.58373	0.0710597	0.219385	0.219385	0.0240008	0.564649	-1.7086	1.4901	0.43759	3.17189	1
cg24156537	C18orf1;C18orf1	0.427693	0.051414	1.93903	1.93903	0.375255	0.762067	1.31222	0.949051	1.02626	0.195827	1.37332	1.37332	0.975089	1.00937	1.00937	1.00937	0.709039	0.894116	-1.11842	0.311841	0.62523	-1.60253	0.723735	0.899453	-1.11179	0.717272	0.807107	1.11469	1.149	1.62238	1.2551	1
cg18679410	LRRC3B;LRRC3B	0.427701	0.562508	1.10162	1.10162	0.960089	0.991762	-1.00831	0.0648775	1.40872	1.40872	0.83171	1.0358	1.0358	0.712165	1.06317	1.06317	0.425527	0.874149	-1.14397	0.105875	0.746807	-1.33903	0.724815	0.943252	-1.06016	0.91508	0.982524	-1.01779	1.14898	0.497178	0.384632	1
cg22308819	ATP6V1H;ATP6V1H;ATP6V1H	0.427701	0.881583	1.21181	1.21181	0.0991895	1.12703	1.12703	0.422748	1.14681	0.693932	1.51255	1.59712	1.59712	0.597131	1.14592	1.14592	0.505103	2.39054	2.39054	-1.24133	0.207221	-4.82576	0.2	1.1004	1.1004	0.864486	0.802415	-1.24624	1.14223	26.7048	23.1795	1
cg05064937	TYSND1;TYSND1	0.427702	0.196608	0.688745	-1.45192	0.371659	1.28477	1.28477	0.222216	1.41971	1.41971	0.361235	0.774709	-1.29081	0.254214	0.722351	-1.38437	0.274643	0.733075	-1.36412	0.962383	0.987097	-1.01307	0.348256	1.30188	1.30188	0.852007	0.950261	-1.05234	1.14898	1.35801	1.0506	1
cg22634940	SPTBN1;SPTBN1	0.427715	0.486441	1.80979	1.80979	0.666882	0.551015	1.55023	0.0777755	1.3105	1.3105	0.258031	2.67691	2.67691	0.755897	1.29714	1.29714	0.946266	0.64109	-1.55978	0.1607	1.48066	1.48066	0.451332	1.89638	1.89638	0.543112	1.67512	1.67512	1.14895	0.926507	0.798362	1
cg21184116	KCNJ14;KCNJ14	0.427724	0.920229	1.08665	1.08665	0.0802706	1.46745	1.46745	0.0777491	0.973146	-1.0285	0.533993	1.09271	1.09271	0.412593	0.888769	-1.12515	0.657632	0.939145	-1.06448	0.0626567	1.34297	1.34297	0.59035	0.926353	-1.0795	0.990567	1.099337	-1.00167	1.14893	1.0605556	0.827805	1
cg20073320	C11orf41	0.427735	0.910087	1.03284	1.03284	0.13436	0.630204	-1.58676	0.913179	0.613378	-1.63032	0.624708	1.15143	1.15143	0.568927	1.17899	1.17899	0.678063	1.21681	1.21681	0.201994	1.47007	1.47007	0.970707	0.989553	-1.01056	0.404666	0.783596	-1.27617	1.14891	1.48844	1.15157	1
cg07934385	CRKAL1	0.427748	0.766706	1.09284	1.09284	0.514697	1.7591	-1.13254	0.72791	1.1464	-1.1442	0.657226	1.37261	1.37261	0.318497	1.29229	1.29229	0.586835	1.25803	1.25803	0.180205	1.80418	1.80418	0.431931	1.39947	1.39947	0.121205	1.72591	1.72591	1.14889	0.41349	0.46375	1
cg24836833	ZNF564	0.427749	0.386933	0.826149	-1.21043	0.11808	1.44114	1.44114	0.210334	1.32877	1.32877	0.457772	0.849738	-1.17683	0.248781	0.771357	-1.29642	0.376865	0.82261	-1.21564	0.957353	0.98855	-1.01158	0.768512	0.938421	-1.06562	0.452082	0.847917	-1.17936	1.14888	0.843783	0.652833	1
cg19470168	FMNL1	0.427751	0.998135	1.00137	1.00137	0.0394609	4.02839	4.02839	0.0860301	0.92578	1.08028	0.657411	1.29833	1.29833	0.768004	0.841112	-1.1889	0.822205	1.14071	1.14071	0.608439	1.3529	1.3529	0.790163	0.865455	-1.16083	0.832819	0.883694	-1.13161	1.14888	4.22568	4.83681	1
cg07191600	TRERF1	0.427753	0.133284	0.634958	-1.56382	0.404428	1.26558	1.26558	0.18036	1.48107	1.48107	0.189974	0.681242	-1.46791	0.927108	0.975053	-1.02559	0.538234	1.18775	1.18775	0.84685	1.05484	1.05484	0.884753	0.750353	-1.28196	0.654324	1.13251	1.13251	1.14888	1.387	1.07312	1
cg18781764	NUDT15;NUDT15	0.427755	0.644988	1.76417	-1.30861	0.978861	0.984399	-1.01585	0.547214	1.42354	1.42354	0.928429	1.05346	1.05346	0.115512	0.41029	-2.4373	0.54014	1.43269	1.43269	0.227227	2.08535	2.08535	0.113968	2.5523	2.5523	0.194834	2.21448	2.21448	1.14887	6.11558	4.73166	1
cg13801416	AKR1B1	0.427756	0.425231	1.90566	1.90566	-1.18105	0.498112	0.68886	-1.5109	0.641648	0.908666	-1.10051	0.136091	1.28202	1.28202	0.898742	1.11302	0.154914	2.02636	2.02636	0.0179367	3.59359	3.59359	0.0179367	2.49262	2.49262	0.0179367	2.49262	2.49262	1.14883	0.759741	0.587874	1
cg23634417	TMEM79;TMEM79	0.427778	0.102065	0.163454	-6.11794	0.978121	0.028115	0.028115	0.687909	0.664499	-1.50488	0.766299	1.35215	1.35215	0.0520843	0.10682	-9.36158	0.681222	0.658306	-1.51905	0.950678	1.06461	1.06461	0.874092	0.851707	-1.17411	0.158921	0.21784	-4.59053	1.14882	18.6406	14.423	1
cg05585221	PMAIP1	0.427785	0.474503	1.89193	1.89193	0.525905	0.107884	0.107884	0.653837	0.852784	1.92592	0.523857	0.659538	1.51756	0.0858568	0.113355	4.52592	0.0756933	0.621387	1.60938	0.0214501	2.02489	2.02489	0.0214501	1.055	1.055	0.0214501	0.826784	1.055	1.14881	0.387313	0.343104	1
cg06207290	DDX60L CREB2F;CREB2F;CXE82F;CREB2F;CREB2 F	0.427787	0.183602	0.738318	-1.35443	0.354499	1.22733	1.22733	0.818872	1.05056	1.05056	0.257202	0.775472	-1.28954	0.549233	0.877818	1.13919	0.505942	1.864905	-1.1562	0.0854342	0.6644	-1.50512	0.205152	0.750161	-1.33305	0.879224	1.03324	1.03324	1.1488	0.841374	0.651015	1
cg14994180	F	0.427789	0.83678	1.05106	1.05106	0.119141	1.50427	1.50427	0.162677	1.43306	1.43306	0.458116	1.20009	1.20009	0.527432	1.16716	1.16716	0.125815	0.670383	1.49168	0.643197	0.893492	-1.1192	0.884397	0.965486	-1.03575	0.754542	1.07866	1.07866	1.1488	1.06042	0.820507	1
cg25203095	RRP12;RRP12	0.427798	0.559279	1.2568	1.2568	0.859272	1.07111	1.07111	0.485249	0.759943	-1.31589	0.618994	0.823614	-1.21416	0.168027	0.566248	-1.76601	0.643169	1.19931	1.19931	0.153272	1.81049	1.81049	0.180188	1.73484	1.73484	0.364097	0.69696	-1.4348	1.4888	2.72628	2.10947	1
cg11758458	PBX3	0.427798	0.6098664	0.672392	-1.48723	0.96474	0.991381	-1.00869	0.374302	0.83647	-1.1955	0.754532	0.940432	-1.06334	0.404792	0.842277	-1.18565	0.927007	0.982218	-1.0181	0.0975737	1.42753	1.42753	0.81179	0.954365	-1.04782	0.761101	0.942038	-1.06153	1.14878	0.697575	0.53976	1
cg05129591	WDR65;WDR65;EBNA1BP2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1044 vs. N)	Fold-Change(1044 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1255 vs. N)	Fold-Change(1255 vs. N)	p-value(1274 vs. N)	Fold-Change(1274 vs. N)	p-value(1277 vs. N)	Fold-Change(1277 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1353 vs. N)	Fold-Change(1353 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg12920408	RPL36A;RPL36A-HNRNPH2;RPL36A	0.428313	?	?	?	?	0.109187	-7.40972	0.316757	0.109187	0.15865	0.116156	24.9155	24.9155	0.941109	1.17035	1.17035	?	?	?	?	?	?	?	?	?	?	?	0.2522391	12.9676	1.14018	53.4166	54.6576	
cg16090881	B3GALT4	0.428114	0.546859	0.831693	-1.20237	1.107594	1.70031	0.159371	0.820836	-1.21827	0.203036	0.666192	-1.50107	0.922417	1.02988	1.02988	0.901702	0.963339	-1.03806	0.528898	0.82466	-1.21262	0.182525	1.5336	1.5336	0.42554	0.781951	-1.27885	1.44812	1.66141	1.28628	1
cg18223947	PCSK2	0.428134	0.146973	0.69134	-1.44647	0.880647	0.964995	-1.03628	0.974888	0.992563	-1.00749	0.494791	0.827796	-1.20803	0.197716	0.72405	-1.38112	0.299475	1.29048	1.29048	0.53086	0.860231	-1.16248	0.614901	0.886652	-1.12784	0.155039	1.43462	1.43462	1.14808	1.02268	0.791795	1
cg07445286	RAPGEF4	0.428135	0.811234	0.894611	1.1178	0.573916	0.76731	-1.30325	0.212938	0.540861	-1.84141	0.240273	0.546284	-1.77228	0.139205	0.476838	-2.09715	0.495642	0.726018	-1.37569	0.454631	0.973867	-1.02683	0.075934	0.398799	-2.50753	0.10377	0.436918	-2.28876	1.14808	3.93914	3.04984	1
cg24336730	LRRC8B;LRRC8B	0.428136	0.909638	0.936827	-1.06743	0.256209	1.97624	1.97624	0.655505	1.294455	1.29445	0.426731	1.59432	1.59432	0.047183	0.271081	-3.68993	0.851601	1.11365	1.11365	0.647025	0.767212	-1.30342	0.315113	1.81673	1.81673	0.864283	1.10333	1.10333	1.14808	0.60695	4.65082	1
cg27216076	PI2D2?	0.428138	0.449135	1.51061	1.51061	0.120518	2.46121	2.46121	0.58474	1.34047	1.34047	0.945688	1.964218	-1.03711	0.658814	1.788467	-1.26828	0.420681	0.644042	-1.55269	0.252797	0.527899	-1.8943	0.472296	0.676372	-1.47848	0.160221	2.23099	2.23099	1.14807	5.20136	4.02712	1
cg06300961	RRSK2	0.428139	0.726406	0.890529	-1.12293	0.03342246	2.27108	2.27108	0.477815	1.26894	1.26894	0.903464	0.960746	-1.04086	0.424742	0.764116	-1.3087	0.59885	0.839294	-1.19148	0.567003	1.21043	1.21043	0.424228	0.763878	-1.30911	0.910422	0.963538	-1.03784	1.14807	1.98051	1.5334	1
cg27308329	FAM19A5	0.428141	0.587813	1.28886	1.28886	0.739227	1.13518	1.13518	0.240168	1.43941	1.43941	0.376196	1.50798	1.50798	0.869204	1.077398	1.077398	0.345707	1.55155	1.55155	0.09464494	2.2954	2.2954	0.01975982	3.09948	3.09948	0.472119	1.3921	1.3921	1.14807	3.72005	2.88023	1
cg00037058	RBM45	0.428141	0.9559808	0.37989	0.377972	0.707253	-1.41392	0.715409	0.758272	-1.25271	?	?	0.316354	0.263353	0.466051	-2.14569	0.39656	1.70604	1.70604	0.531384	1.47713	1.47713	0.233144	2.15808	2.15808	0.974655	0.980642	-1.01974	1.4213	0.082933	0.32984	1
cg25604326	ARAP3;ARAP3	0.428142	0.458029	0.478537	-2.0897	0.182015	0.251186	-3.98111	0.315191	0.363158	-2.75362	0.359708	0.399137	-2.50541	0.29671	0.348119	-2.87258	0.730579	0.713809	-1.40094	0.09316608	0.057931	0.721837	0.705647	-1.41714	0.715219	1.42958	1.42958	1.14807	17.2959	13.3913	1
cg03156341	DDX19A	0.428143	0.0517439	1.459963	1.459963	0.685208	0.0470708	-2.16033	0.180861	0.853739	-1.15407	0.422312	0.664179	-1.50547	0.422312	0.804344	1.243311	0.348405	1.43009	1.43009	0.1744	0.600112	0.437772	1.17429	1.17429	0.640613	0.022817	2.108364	1.14804	0.536585	0.410892	1
cg13369210	MLS;MSL3;MSL3	0.428157	0.247669	0.478674	-2.08911	0.414179	0.601204	-1.66333	0.495124	0.655573	-1.52538	0.156935	0.521629	0.51629	0.561687	0.971143	1.02971	0.156292	0.396762	-2.5204	0.142173	0.382188	-2.61651	0.92289	0.942692	-1.06079	0.865654	1.10873	1.10873	1.14803	0.75591	5.23089	1
cg00676506	RFX4?2	0.428216	0.918326	1.07152	1.07152	0.446885	1.68322	1.68322	0.867602	0.848807	-1.17804	0.350269	0.446323	-2.24103	0.111495	0.312142	-3.20367	0.233	2.51626	2.51626	0.245972	0.24477	2.24477	0.821942	0.859508	-1.16346	0.450425	0.596601	-1.67616	1.14803	8.20235	6.55086	1
cg03155147	SOLH	0.428217	0.668329	1.0825	1.0825	0.947765	0.988022	-1.01212	0.916836	0.980972	-1.01944	0.388571	1.17648	1.17648	0.244256	0.768238	-1.27188	0.337237	0.833625	-1.19958	0.272952	1.2335	1.2335	0.222277	0.780846	-1.26607	0.135672	0.743957	-1.34416	1.14801	0.615078	0.476247	1
cg10850197	ATG5	0.428184	0.264858	1.67964	1.67964	0.357112	1.526	1.526	0.356325	0.756203	-1.3224	0.374445	0.66575	-1.50207	0.647257	1.22826	1.22826	0.11469	0.465066	-2.15023	0.574199	0.776194	-1.28834	0.412613	1.45327	1.45327	0.309074	1.59964	1.59964	1.14798	3.62085	2.80365	1
cg08236468	ASPH;ASPH;ASPH;ASPH;ASPH	0.428188	0.502377	1.86662	-1.15391	1.702854	0.911529	-1.0735	0.875703	0.964086	-1.05613	0.716756	0.944087	-1.05822	0.427174	1.194318	1.72455	0.983425	1.01893	-1.00456	0.928469	0.984145	-1.01893	0.042519	0.60696	-1.6499	0.213391	0.759162	-1.31728	0.42823	0.680406	0.622553	1
cg02340818	KIAA1688	0.428191	0.808221	1.09329	1.09329	0.368083	1.38457	1.38457	0.576058	0.812854	-1.23023	0.0706957	0.476726	-2.09764	0.148268	0.566198	-1.76617	0.841344	0.929122	-1.07629	0.187261	0.598895	-1.66974	0.943008	0.974116	-1.02657	0.378769	0.718051	-1.39266	1.14796	2.44605	1.89402	1
cg13063673	C15orf41	0.428195	0.293232	0.71707	-1.40707	0.798647	0.919471	-1.08287	0.645963	0.786581	-1.27375	0.50082	1.25716	1.23716	0.117966	0.69677	1.69677	0.901833	1.01918	1.01918	0.543988	1.21555	1.21555	0.30205	1.39515	1.39515	0.12555	1.67588	1.67588	1.14796	1.76365	1.36563	1
cg02804289	PFKFB3;PFKFB3	0.428205	0.836601	1.03272	1.03272	0.748174	0.951206	-1.0513	0.716756	0.944087	-1.05822	0.427174	1.194318	1.13418	0.752405	0.50316	-1.98706	0.160056	0.792066	-1.26252	0.228508	1.21687	1.21687	0.302276	0.873008	-1.14547	0.094539	1.74796	1.74796	1.14795	0.840406	0.622553	1
cg11656626	MIR1915;C10orf114	0.428213	0.981452	1.00247	1.00247	0.46718	0.924552	-1.0816	0.276089	0.886808	-1.12764	0.989073	1.00145	1.00145	0.630446	1.05274	1.05274	0.562333	1.06408	1.06408	0.641842	1.05092	1.05092	0.03946098	0.776811	-1.28731	0.285794	0.889103	-1.12473	1.14792	0.204393	0.158271	1
cg31220025	TRAFD1;TRAFD1;TRAFD1;TRAFD1	0.428214	0.476875	0.858292	-1.16458	0.570504	1.23267	1.23267	0.281158	1.2658	1.2658	0.0402267	0.607122	-1.64678	0.38144	0.648301	-1.54245	0.51198	0.86941	-1.15024	0.744592	1.09744	1.09744	0.02375	0.965658	1.0091	1.0091	1.14792	0.80488	0.623259	1
cg11196821	SUCLG2	0.428223	0.549645	1.21058	1.21058	0.121942	0.589059	-1.69762	0.211223	0.650987	-1.53559	0.154264	0.617903	-1.61838	0.965339	1.01381	1.01381	0.292332	1.41183	1.41183	0.740746	1.11051	1.11051	0.589947	1.18738	1.18738	0.65489	0.8676	-1.1526	1.1479	1.81173	1.40294	1
cg22930566	FYD1?;FYD1?	0.428242	0.220155	0.418849	-2.38749	0.171122	0.374124	0.374124	0.121291	0.632464	1.58264	0.29036	0.329036	3.03754	0.29036	0.479079	-2.08553	0.861758	1.1486	1.1486	0.712454	1.13074	1.13074	0.321821	0.867358	1.1486	1.1486	1.14792	1.15982	1.15982	0.84897	0.641501	1
cg23961922	SRPR8	0.428248	0.319894	-3.6524	1.36524	0.312201	1.37253	1.37253	0.551451	0.833175	-1.20023	0.630931	0.863626	-1.15791	0.45241	0.793049	-1.26096	0.214238	1.48597	1.48597	0.116561	1.67616	1.67616	0.420366	1.2832	1.2832	0.214988	1.48491	1.48491	1.14785	1.66786	1.29159	1
cg02921003	GLUL;L1	0.428249	0.580137	0.894555	-1.11787	0.827424	1.466933	1.466933	?	?	?	0.146781	1.36419	1.36419	0.893841	0.973726	-1.02698	0.349348	0.825206	-1.21182	0.571199	1.13089	1.13089	0.680252	1.08346	1.08346	0.445129	1.16792	1.16792	1.14107	0.638854	0.559674	1
cg14204478	C17orf88;C17orf56	0.428251	0.566029	1.03802	1.03802	0.65	0.705005	2.93126	0.07143429	4.75889	4.75889	0.770973	0.957334	-1.2588	0.244898	0.794223	-1.25883	0.945425	1.01893	1.01893	0.762741	1.12813	1.12813	0.741244	1.33228	1.33228	0.259354	2.48756	2.48756	0.415222	1.90658	1.90658	1.14784	10.9155	8.45301	1
cg18333839	TIMP2	0.428256	0.634813	0.910005	-1.0989	0.236111	1.28661	1.28661	0.217127	0.774188	-1.29168	0.986223	1.00341	1.00341	0.664256	0.917525	-1.08989	0.750304	0.939011	-1.06495	0.445592	0.857911	-1.16562	0.102092	1.42285	1.42285	0.305898	1.23238	1.23238	1.14783	0.706201	0.546887	1
cg04224247	WWC3	0.428259	0.637385	0.79212	-1.26261	0.512707	1.14895	1.14895	0.28443	0.867764	-1.1524	0.0696776	0.514063	1.74563	0.124015	0.33508	-2.98355	0.379828	0.642418	-1.55613	0.642789	1.15808	1.15808	0.570183	0.870838	1.14782	1.14782	1.15869	1.15869	0.070188	2.70092	2.70092	1.14782	4.17992	3.39187	1
cg01513302	FLOT1	0.428261	0.977195	0.01518	0.01518	0.30799	1.74427	1.74427	0.0934476	0.645243	2.64523	0.934933	0.957483	-1.04441	0.346583	0.663311	-1.66311	0.647081	1.78424	1.78424	0.127541	0.633783	1.63711	0.637191	0.634039	1.57653	0.276953	0.60986	1.63986	1.76236	1.14782	1.05314	0.391324	1
cg16969871	GK5	0.428275	0.97309	0.994091	-1.00594	0.140184	0.756678	-1.32157	0.638551	0.92024	-1.08667	0.996014	0.999123	-1.00088	0.440021	0.870793	-1.14838	0.396953	0.858654	-1.16461	0.102965	1.36808	1.36808	0.618145	0.915495	-1.09231	0.180132	0.778742	-1.28412	1.14779	0.561091	0.434528	1
cg18471660	ZNF542;ZNF542;ZNF542;ZNF542	0.428278	0.970469	1.01618	1.01618	0.937128	0.943895	-1.0812	0.201158	0.576925	-1.79557	0.139898	1.14751	1.14751	0.96729	1.00485	1.00485	0.110597	0.740562	-1.35057	0.144597	1.2115	1.2115	0.13257	0.629758	1.58795	1.58795	0.792871	1.12485	1.12485	1.14778	1.29641	1.24056	1
cg04126095	MASP1;MASP1	0.428279	0.684917	0.18305	0.188305	0.887553	1.02806	1.02806	0.974313	0.993723	-1.00632	0.0992824	1.42388	1.42388	0.553868	1.12425	1.12425	0.0561822	1.52648	1.52648	0.704587	1.07734	1.07734	0.329206	0.821237	-1.21768	0.796185	0.950638	-1.05193	1.14778	0.695323	0.538487	1
cg19004743	EEF1DP3	0.428282	0.956099	1.04154	1.04154	0.824	0.719041	2.94501	0.0945	4.35866	4.35866	0.0975	0.53673	1.86353	0.153816	0.53673	-1.86353	0.158133	0.627077	1.59455	0.0927	1.10341	1.10341	0.447848	1.67407	1.67407	0.0927	0.597424	1.67407	1.14778	0.38029	0.71412	1
cg00597713	PEX6	0.428293	0.712195	0.966225	-1.03496	0.238115	1.12757	1.12757	0.919471	1.00942	1.00942	0.158771	0.869646	-1.14989	0.303017	0.905808	1.10399	0.813577	1.02215	1.02215	0.103141	0.84763	-1.17976	0.325937	0.91024	-1.09861	0.799692	1.02386	1.02386	1.14775	1.156292	0.121042	1
cg26442509	HRH4;HRH4;HRH4	0.428298	0.268914	1.66641	1.66641	0.813475	0.900476	-1.11052	0.456384	0.754311	-1.39995	0.450968	0.711308	-1.40586	0.124554	0.478241	2.091	0.706401	1.18275	1.18275	0.945093	0.970238	-1.03067	0.116517	2.13062	2.13062	0.547306	1.3102	1.3102	1.14774	3.57581	2.76934	1
cg16782925	NCRNA00159	0.428298	0.97175	0.476653	-2.09755	0.419529	0.975562	-1.02504	0.185242	0.800551	-1.24988	0.160507	0.738224	-1.35482	0.080551	0.738224	1.35482	0.32105	1.20947	1.20947	0.826407	1.11551	1.11551	0.777424	0.940358	-1.0598	0.064169	0.679817	1.47088	1.14774	0.428	0.317454	1
cg03672854	FAS;FAS;FAS;FAS;ACTA2;FAS;FAS;FAS;F	0.428302	0.798904	0.934745	-1.06981	0.627085	0.878609	-1.13816	0.0324714	0.515958	-1.93814	0.578524	1.15991	1.15991	0.853938	1.04992	1.04992	0.784395	0.930072	-1.07519	0.426022	0.806656	-1.23969	0.254402	0.730098	-1.36968	0.461237	1.2193	1.2193	1.14773	1.27009	0.983651	1
cg04505809	ELMO3;E2F4	0.428302	0.504341	1.64045	1.64045	0.248635	0.643679	0.43679	0.206685	0.253154	2.53154	0.621093	1.41553	1.41553	0.967494	0.971979	-1.02883	0.940597	0.94035	-1.05335	0.794946	0.833896	-1.19919	0.606612	1.43655	1.43655	0.710059	0.770704	-1.29751	1.14773	8.84162	6.8476	1
cg13169132	TMEM88B	0.428307	0.730992	1.31884	1.31884	0.799536	1.22637	1.22637	0.301449	2.35969	2.35969	0.548774	1.62666	1.62666	0.542742	0.610139	-1.63897	0.705799	0.737769	-1.35544	0.454597	0.542919	-1.8419	0.0308584	7.63683	7.63683	0.953509	0.954322	-1.04786	1.14772	11.6891	9.05296	1
cg22122414	RB1CC1;RB1CC1	0.428315	0.590771	1.79586	1.79586	0.473372	0.790575	-1.26502	0.0834544	0.704358	-1.42013	0.0834544	1.06368	1.06368	0.35529	0.940247	-1.06362	0.144153	0.627146	1.59482	0.0137937	0.756571	-1.3175	0.108951	1.67503	1.67503	0.355871	1.32343	1.32343	1.14771	1.58268	1.22577	1
cg02688844	ZNF17	0.428316	0.117796	0.761944	-1.31243	0.771673	0.95056	-1.04705	0.531582	1.10532	1.1032	0.897581	1.02056	1.02056	0.779873	0.95669	-1.04527	0.426682	1.13685	1.13685	0.479693	0.892427	-1.12054	0.078175	1.36239	1.36239	0.625766	1.08076	1.08076	1.1477	0.453915	0.351554	1
cg07593340	TEX264;TEX264;TEX264	0.428318	0.564561	1.04883	1.04883	0.913468	0.54883	0.61099	0.1693	1.3331	1.3331	0.663831	0.94193	1.06193	0.188638	0.838209	-1.19283	0.668284	1.49519	1.49519	0.188634	0.838209	-1.19283	0.668284	1.49519	1.49519	0.188634	0.838209	-1.19283	1.14772	0.833557	0.611002	1
cg05501859	C11orf17;C11orf17	0.428323	0.897068	1.09651	1.09651	0.0256749	0.59654	0.59654	0.104569	0.53571	0.53571	0.969328	1.02775	1.02775	0.651913	1.38162	1.38162	0.708822	1.30609	1.30609	0.92734	1.06708	1.06708	0.859014	1.13493	1.13493	0.937224	1.05767	1.05767	1.14769	0.21094	7.13389	1
cg05786630	TFP2	0.428353	0.542903	1.80973	-1.17546	0.168217	1.4703	1.4703	0.603074	1.14763	1.14763	0.641745	1.22623	1.22623	0.074666	0.591801	-1.68406	0.949703	0.981577	1.01927	0.939851	0.978125	1.02145	0.348312	0.723936	1.38156	0.729398	1.52642	0.970012	1.14769	4.17992	3.39187	1
cg01504304	CRY2;CRY2	0.428354	0.658204	0.89776	-1.11136	0.457702	0.835771	-1.1065	0.500017	1.1629	1.1629	0.31939	0.02369	1.5369	0.697268	1.10749	1.10749	0.887388	1.25636	1.25636	0.0552608	0.597218	1.67441	0.106055	1.02288	1.02288	0.792241	1.29641	1.29641	1.14768	0.555115	1.74666	1.22008	0.792241	1
cg23979971	PAIP2;PAIP2	0.428356	0.406645	1.43497	1.43497	0.792697	1.11857	1.11857	0.894896	1.05784	1.05784	0.0849116	2.24907	2.24907	0.389824	1.45483	1.45483	0.08738882	2.23188	2.23188	0.2658	0.610601	-1.63773	0.708637	1.17316	1.17316	0.650004	1.22451	1.22451	1.14766	3.28969	2.54793	1
cg25143247	PACH2;PACH2;PACRG	0.428358	0.157257	1.38664	1.38664	0.945044	1.01501	1.01501	0.952913	1.02848497	-1.20702	0.846238	1.04285	1.04285	0.167477	0.831582	1.20348	0.164882	0.964087	0.990316	-1.00978	0.948354	1.05486	0.0210906	1.07851	1.07851	0.370988	1.21961	1.21961	1.14762	0.84895	0.657555	1
cg02907300	TCEB3	0.428362	0.976105	0.995471	-1.00455	0.198115	1.22895	1.22895	0.671415	1.06681	1.06681	0.916818	1.37511	1.37511	0.819016	0.964722	-1.03657	0.317994	0.85518	-1.16934	0.585394	1.08708	1.08708	0.256666	1.19655	1.19655	0.322648	1.16748	1.16748	1.14761	0.417547	0.323414	1
cg18666239	FUBP1;FUBP1	0.428367	0.439794	0.991999	-1.00788	0.205998	0.853795	-1.1713	0.234148	0.862585	-1.15931	0.11183	0.814461	-1.22781	0.761626	1.03672	1.03672	0.119603	0.689099	-1.4511	0.0381	0.638176	0.888702	-1.12497	0.932358	0.888229	-1.12584	0.971204	1.07018	1.07018	1.14759	0.253314	0.329178	1
cg00584174	HRAS;HRAS;HRAS;HRAS	0.428387	0.31957	1.389368	-1.56826	0.0440376	0.111804	-8.34695	0.091143	0.185153	-5.50871	0.895559	0.886531	-1.12769	0.365449	0.642251	-1.55704	0.502972	0.536137	-1.8652	0.558321	0.581102	-1.72087	0.572751	0.592972	-1.68642	0.700521	1.42532	1.42532	1.14759	15.2841	11.8385	1
cg26052553	RFC2;RFC2	0.428383	0.647448	0.752745	-1.32847	0.883308	0.91704	-1.09046	0.793812	0.850898	-1.17523	0.234936	0.453216	-2.20646	?	?	?	0.413297	1.67722	1.67722	0.448318	1.61212	1.61212	0.250973	2.10464	2.10464	0.113393	0.341079	-2.93187	1.16114	0.07661	4.57916	1
cg04041639	TBC0	0.428384	0.114937	1.32011	1.32011	0.539877	1.2482	1.2482	0.863942	1.03991	1.03991	0.558162	0.756594	1.3576	0.114255	0.307434	-3.25273	0.887796	1.09654	1.09654	0.615852	0.990364	1.00964	-1.00973	0.440152	0.582454	1.71687	1.14756	0.62638	0.63611	1
cg13907959	HIST3H2B8;HIST3H2A;HIST3H2A	0.428399	0.703118	1.16461	1.16461	0.413925	1.39462	1.39462	0.846867	1.08004	1.08004	0.141961	0.533236	-1.87534	0.311793	1.51698	1.51698	0.256332	1.60297	1.60297	0.133264	0.524659	-1.906	0.987328	1.00634	1.00634	0.593049	1.23965	1.23965	1.14753	2.88249	2.2328	1
cg10761888	WAC;WAC;WAC	0.428401	0.590349	0.923633	-1.08268	0.0433801	0.712186	-1.40413	0.538833	0.851442	-1.69718	0.501285	1.10486	1.10486	0.751317	1.04073	1.04073	0.600284	0.98834	-1.01216	0.939167	0.988911	-1.01121	0.157668	0.78327	-1.27697	0.731154	1.05168	1.05168	1.14753	0.870909	0.530479	1
cg26820292	ANO1;ANO1	0.428405	0.906492	0.03431	0.103432	0.817432	0.935749	-1.06866	0.153631	0.64485	-1.55075	0.767095	1.08904	1.08904	0.818785	0.574825	-1.73966	0.926357	0.973799	-1.02691	0.483208	1.22709	1.22709	0.200189	0.677988	-1.47495	0.208667	0.68343	-1.46321	1.14752	1.49894	1.16111	1
cg22425096	EPHB4	0.428412	0.314883	0.855111	-1.16944	0.919204	0.81217	-1.23127	0.65017	0.933546	-1.07118	0.803085	0.963069	-1.03835	0.0785672	0.745081	-1.34214	0.426857	1.12997	1.12997	0.979495	0.995949	-1.00407	0.13712	1.07419	1.07419	0.293884	1.17819	1.17819	1.14751	0.412246	0.319337	1
cg24536349	LY6K;LY6K;LY6K	0.428413	0.777795	1.28664	1.28664	-1.47753	0.715197	-1.18822	0.264287	0.934931	-1.13209	0.625228	0.968451	-1.03292	0.0844307	0.713056	-1.40226	0.451646	1.45277	1.45277	0.171295	0.492353	-2.03106	0.34213	1.60981	1.60981	0.557721	0.749211	1.3347	1.3347	1.14751	4.30009	3.33143	1
cg21339581	FGFR3;FGFR3;FGFR3	0.428415	0.8173	0.932709	-1.07215	0.657952	1.14355	1.14355	0.343326	1.34162	1.34162	0.244579	1.44261	1.44261	0.106055	0.587788	-1.70129	0.865786	0.950352	-1.05224	0.255824	0.69907	-1.42917	0.258604	1.42595	1.42595	0.706134	1.12079	1.12079	1.1475	1.64699	1.27581	1
cg18575209	ZNF586	0.428417	1.04672	1.10567	1.10567	0.157452	1.31914	1.31914	0.2156	1.23026	1.23026	0.247305	1.25191	1.25191	0.462868	1.15585	1.15585	0.271727	1.25027	1.25027	0.0933253	0.695615	-1.43758	0.0526355	0.963832	-1.03752	0.322559	1.22047	1.22047	1.14749	0.808485	0.631583	1
cg13624964	FURT2	0.428426	0.364967	1.62571	1.62571	0.253399	1.86392	1.86392	0.695433	1.228	1.228	0.147775	2.24941	2.24941	0.469359	1.46853	1.46853	0.253828	1.86278	1.86278	0.157045	3.07077	3.07077	0.141372	2.2833	2.2833	0.254269	1.86161	1.86161	1.14748	4.95247	3.83641	1
cg13235366	PTPRF;PTPRF	0.42843	0.424398	0.517992	-1.93053	0.956586	1.04487	1.04487	0.231315	2.75206	2.75206	0.203403	2.95206	2.95206	0.0764723	0.204133	4.89876	0.770022	0.78949	-1.26664	0.38235	0.485602	-2.0593	0.945909	1.05623	1.05623	0.935887	0.93719	-1.06702	1.14747	11.8151	9.15258	1
cg08184488	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.428442	0.647268	0.955555	-1.04655	0.376453	1.15499	1.15499	0.729341	1.1088	1.1088	0.482464	1.38594	1.38594	0.0729341	0.721445	-1.38581	0.887197	1.11285	1.11285	0.0824645	0.75437	1.32562	1.32562	0.180045	0.754851	-1.31605	0.691449	0.877165	1.14744	1.47424	1.1615	1.51951	1
cg19564132	OSBPL5;OSBPL5;OSBPL5	0.428453	0.972091	0.975966	-1.02463	0.149141	0.92969	-1.92969	0.0934261	0.277181	-3.60776	0.466876	0.597603	-1.67335	0.599162	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(471 vs. N)	Fold-Change(471 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01063178	TDRKH;TDRKH;TDRKH;TDRKH	0.428843	0.0928774	1.49568	0.453851	0.911801	-1.09673	0.90834	0.976765	1.02379	0.194704	1.32395	1.32395	0.864307	1.03561	1.03561	0.514368	0.973428	-1.14491	0.438883	1.17876	1.17876	0.2339222	1.29381	1.29381	0.150162	1.37101	1.37101	1.14661	0.759928	0.58912	1
cg00911364	LOC100128077;IMPS	0.428847	0.65648	0.627046	-1.59478	0.8252682	7.26931	1.026414	0.537246	6.37245	0.851297	0.8222287	-1.21612	0.464056	0.4597287	2.174492	0.742622	0.709232	-1.40998	0.338121	0.357172	-2.79977	0.824287	0.7936436	-1.26002	0.835683	0.805249	-1.24178	1.4665	19.7408	15.3038	1
cg01966105	C16orf79	0.428847	0.67111	1.23812	1.23812	0.0382354	3.32349	3.32349	0.130253	2.26428	2.26428	0.499001	1.40945	1.40945	0.458675	0.685688	-1.45839	0.470512	1.44357	1.44357	0.651589	1.25523	1.25523	0.992925	1.00444	1.00444	0.937132	0.96132	-1.04024	1.4666	4.54119	3.5205	1
cg23730492	CKAP5;CKAP5	0.428852	0.6416228	0.777935	-1.28547	0.6102133	1.31709	1.31709	0.972864	1.01839	1.01839	0.157872	1.708742	-1.35365	0.136963	0.423886	-2.35913	0.39171	0.624007	-1.60324	0.077801	0.350069	-2.85658	0.480448	0.0806886	0.376306	-2.65741	1.46459	0.0965886	0.376306	-2.65741	1.46459	5.21252	4.04097	1
cg10819708	SEMA4B	0.428854	0.149293	0.366543	-2.72819	0.092671	0.30091	-3.32326	0.0882218	0.294933	-3.39061	0.627262	0.727888	-1.37384	0.287324	0.488181	-2.04842	0.265306	0.470729	-2.12436	0.462978	0.615756	-1.62402	0.18094	0.39774	-2.51421	0.793999	0.843791	-1.18513	1.46599	7.65009	5.93071	1
cg02244941	LPIN2;LOC727896	0.428873	0.184056	0.666192	-1.50107	0.947065	1.01932	1.01932	0.0883162	0.581556	-1.71953	0.2756447	0.721563	-1.38655	0.123734	0.618449	-1.61695	0.291904	0.729636	-1.37055	?	?	0.803258	0.930576	-1.0746	0.942785	0.754484	-1.32541	1.1974	1.3331	1.16965	1
cg07513332	CCR6	0.428874	0.646212	1.2038	1.2038	0.0222966	3.00149	3.00149	0.385045	1.4296	1.4296	0.8308	1.08967	1.08967	0.398293	0.706762	-1.4149	0.684539	1.17812	1.17812	0.723122	1.15345	1.15345	0.527153	1.29321	1.29321	0.967448	0.983757	-1.01651	1.46655	2.92447	2.26727	1
cg07757116	SSBP3;SSBP3;SSBP3	0.428876	0.443956	2.02347	2.02347	0.259004	2.87227	2.87227	0.144483	2.048402	-2.62572	0.23537	3.087734	3.087734	0.409302	0.694903	-1.43974	0.528501	0.564274	-1.77219	0.828095	0.823514	-1.21431	0.9450855	0.578403	-1.7289	0.2842093	2.709315	2.709315	1.46653	14.5806	11.3042	1
cg11453483	RP1-177G6.2;RP1-177G6.2	0.428884	0.90361	0.936197	-1.06811	0.546092	0.75147	-1.39377	0.120729	2.49873	0.907581	1.06524	1.06524	0.336237	0.583013	-1.71523	0.466298	0.668019	-1.49606	0.892251	1.07654	1.07654	0.506164	1.44352	1.44352	0.0816165	2.858445	2.858446	1.46651	5.37732	4.16905	1
cg25202908	CENPC1	0.428887	0.189177	0.703951	-1.42055	0.659651	0.894178	-1.11835	0.251333	1.3532	1.3532	0.296087	0.760762	-1.31447	0.820819	0.944354	-1.05892	0.661569	0.587753	-1.7014	0.960229	0.987494	-1.01266	0.966526	0.989465	-1.01065	0.629683	1.13045	1.13045	1.4665	1.15658	0.896701	1
cg24428620	NEURL1B	0.428903	0.847087	1.14968	1.14968	0.0159642	0.553655	-1.8069	0.0169	0.379229	0.470674	-2.12461	0.178672	0.609795	0.9632314	0.9632314	0.973597	1.026513	1.026513	0.389794	1.34696	1.34696	0.602654	0.838464	-1.19312	0.197877	0.626023	1.597709	1.597709	1.46649	2.15048	1.6679	1
cg16356516	AARS;EXOSC6	0.428905	0.398311	0.716975	-1.39475	0.420121	1.37287	1.37287	0.110203	1.95381	1.95381	0.252818	0.6216319	-1.60841	0.613297	0.625543	0.844555	-1.18406	0.980652	1.00937	1.00937	0.154365	1.76782	1.76782	0.696335	0.859937	-1.16288	0.758805	1.1258	1.1258	1.46648	2.68776	2.08387	1
cg21836275	NT5DC3	0.428906	0.760991	0.631074	-1.5846	0.307364	4.92332	4.92332	0.176186	8.75165	8.75165	0.693166	1.82263	1.82263	0.764602	0.635756	-1.57303	0.291606	0.21564	-4.64026	0.400326	1.20192	1.20192	0.389229	1.25653	1.25653	0.0436227	1.31078	1.31078	1.46646	41.3178	32.1645	1
cg01534253	CREB5	0.428911	0.09098424	0.799575	-1.8736	0.306799	2.38093	2.38093	0.402092	1.65201	1.65201	0.773909	1.183655	1.183655	0.194861	0.445119	-2.23555	0.749936	0.82929	-1.20585	0.560022	0.70823	-1.41197	0.594768	0.730311	-1.36928	0.693615	0.793122	1.26084	1.4647	6.22208	4.82414	1
cg24637252	CT62	0.428915	0.961275	0.97862	-1.02185	0.76741	1.14113	1.14113	0.508304	1.94811	1.94811	0.261264	1.68455	1.68455	0.375615	0.667142	-1.49893	0.433379	1.42739	1.42739	0.195705	1.83875	1.83875	0.120535	2.11601	2.11601	0.100895	2.22501	2.22501	1.46646	3.59762	2.78935	1
cg09942448	KIF3C	0.428916	0.194952	0.878414	-1.16453	0.5670032	0.937755	-1.0664	0.98208	0.998334	-1.00167	0.8727718	0.9823444	-1.01797	0.13275	1.197401	1.19749	1.800019	1.83275	1.83275	0.107435	1.07135	1.07135	0.083397	1.2373	1.2373	0.124649	1.24249	1.24249	0.173379	1.3331	1.16965	1
cg17354303	BARX1	0.428918	0.899976	1.07405	1.07405	0.399969	1.63142	1.63142	0.142021	2.45166	2.45166	0.271244	1.9168	1.9168	0.0418369	3.79068	3.79068	0.526845	1.43943	1.43943	0.19103	2.19564	2.19564	0.993382	0.9953	-1.00472	0.38304	1.66222	1.66222	1.46646	5.8594	4.54301	1
cg01585381	HAND1	0.428946	0.911959	0.982868	-1.01743	0.997508	0.959152	-1.00049	0.483951	1.14293	1.14293	0.876912	0.976074	-1.02451	0.995811	1.00082	1.00082	0.6235282	1.52596	1.52596	0.360046	0.863275	-1.15838	0.6494774	1.07427	1.07427	0.946076	1.01062	1.01062	1.4664	0.4432211	0.343655	1
cg17057138	C5orf21	0.428949	0.471055	0.888512	-1.12535	0.249249	1.36123	1.36123	0.0828853	1.63583	1.63583	0.5142	1.58459	1.58459	0.341469	0.778009	-1.28533	0.637211	0.885458	-1.12936	0.924474	0.97601	-1.02458	0.936579	0.979827	-1.02059	0.200157	1.4147	1.4142	1.4639	1.19068	0.9232321	1
cg08393170	CNFN	0.428953	0.118021	0.517226	-1.93339	0.67972	0.85108	-1.17498	0.143698	0.543228	-1.84085	0.138562	0.538294	-1.85772	0.25841	0.632523	-1.58097	0.48628	0.759737	-1.31625	0.204811	0.594713	-1.68148	0.101583	0.498466	-2.00515	0.546562	0.788093	-1.26744	1.4638	2.73927	2.12399	1
cg13768055	RPH3AL	0.428958	0.79614	1.11657	1.11657	0.780683	1.14756	1.14756	0.615553	1.04621	1.04621	0.771179	1.36757	1.36757	0.141464	0.593816	-1.6838	0.584645	1.26502	1.26502	0.0503865	2.58453	2.58453	0.637763	1.22382	1.22382	0.153783	0.521857	-1.91623	1.4637	3.29317	2.5535	1
cg00468840	SSLB1;2	0.428959	0.272692	0.754575	-1.32367	0.239334	0.733577	-1.36318	0.746949	0.108181	0.108181	0.918192	1.02556	1.02556	0.828003	0.94796	-1.0549	0.398023	0.808527	-1.23682	0.0598702	1.68453	1.68453	0.98408	0.972134	-1.02866	0.528397	1.16986	1.16986	1.4637	1.09531	0.849298	1
cg20996694	GGA3;MIR5P;MIR5T;GGA3	0.428896	0.63507	1.0972	1.0877	0.2226002	1.75276	1.63394	0.0554945	1.53494	1.53494	0.1539	1.31589	1.31589	0.796944	1.254579	0.782758	1.04624	1.0543	1.0543	0.488106	0.782523	1.27792	0.4851051	0.886394	1.12817	0.175166	1.28854	1.28854	1.4637	0.502156	0.443195	1
cg04676934	CCHCR1;CCHCR1;CCHCR1	0.428963	0.803507	0.915099	-1.09278	0.0964367	0.522266	-1.91473	0.312398	0.689423	-1.45049	0.809884	0.9178	-1.08956	0.153312	0.58032	-1.72319	0.937436	0.972448	-1.02833	0.0605233	0.470853	-2.12381	0.264912	0.661323	-1.51212	0.575595	0.817672	-1.22298	1.4636	2.29958	1.78309	1
cg02916899	SEMA4B;SEMA4B	0.428971	0.917005	0.950642	-1.05192	0.644136	1.25342	1.25342	0.772704	0.871306	-1.1477	0.269331	1.74825	1.74825	0.282829	0.67555	-1.48027	0.934134	1.52784	0.800792	2.56765	2.56765	0.46132	1.43934	1.43934	0.102373	2.38223	2.38223	1.46635	4.28133	3.31979	1
cg23181663	GEFT;GEFT	0.428975	0.625419	1.46596	1.46596	0.0424182	1.72725	1.72725	0.0222759	1.51217	1.51217	0.0905512	1.00959	1.00959	0.316982	1.08444	1.08444	0.789398	1.02719	1.02719	0.903848	0.809515	1.02719	1.02719	0.733089	1.03876	1.03876	0.540057	1.07135	1.07135	0.083397	1.2373	1.2373	1.46644	0.224549	0.17379	1
cg20183778	ALX8H4;LRWD1	0.428977	0.5507	1.72917	1.72917	?	?	?	0.164287	0.260240	-3.84247	?	?	?	0.53208	1.77554	1.77554	?	?	?	?	?	?	?	?	0.414194	2.13223	2.13223	1.07554	6.22954	11.584	1
cg08247674	USP24	0.428979	0.953473	0.990057	-1.01004	0.594551	1.09637	1.09637	0.0604769	1.49094	-1.02041	0.9251597	1.14293	1.14293	0.876912	0.976074	-1.02451	0.995811	1.00082	1.00082	0.0235282	1.52596	1.52596	0.360046	0.863275	-1.15838	0.646774	1.07427	1.07427	0.946076	1.01062	1.01062	1.4644	0.4432211	0.343655	1
cg07509254	SYTL1	0.429001	0.152159	0.421406	-2.37301	0.5925644	0.737638	-1.35658	0.0247491	0.631918	-1.58248	0.731731	0.827253	-1.20882	0.632531	0.308256	3.24606	0.171666	0.440539	-2.26995	0.196643	0.463447	-2.15775	0.144723	0.413766	-2.41682	0.44933	0.647712	1.5439	1.4628	3.76159	4.46786	1
cg22013170	DUSP4	0.429015	0.367254	1.47083	1.47083	0.944173	0.971249	-1.0295	0.351631	0.670785	-1.49079	0.0494229	0.392958	-2.5448	0.418584	0.708712	-1.41101	0.492715	0.748099	-1.33672	0.664037	1.19967	1.19967	0.530188	1.30329	1.30329	0.528697	1.30457	1.30457	1.4626	3.15024	2.44291	1
cg04960128	BAT2	0.429025	0.881246	1.05064	1.05064	0.8147	1.41564	1.41564	0.474846	1.2689	1.2689	0.814197	1.0801	1.0801	0.941554	1.04388	-1.04388	0.857478	1.16121	1.16121	0.452998	1.59434	1.59434	0.186753	1.58808	1.58808	0.604028	1.18876	1.18876	1.4625	1.48389	1.53768	1
cg01925094	CTNNBL1	0.429026	0.852913	0.947866	-1.055	0.94626	1.01964	1.01964	0.749684	1.09674	1.09674	0.285182	0.725975	-1.37746	0.860097	1.05221	1.05221	0.051997	1.80224	1.80224	0.180971	0.606075	-1.64934	0.693179	1.1212	1.1212	0.527319	1.20293	1.20293	1.46424	1.51081	1.1716	1
cg18019060	DYNC1I1	0.429027	0.9603103	1.01956	1.01956	0.8388	1.54144	1.54144	0.381991	2.05531	2.05531	0.416348	1.73251	1.73251	0.2766	1.581224	-1.58224	0.712766	1.02564	1.02564	0.914285	1.26525	1.26525	0.427867	1.24902	1.24902	0.0488532	1.32664	1.32664	1.4624	0.2120425	0.1643404	1
cg19038081	MAP3K7IP3	0.429041	0.236577	0.8839069	-1.9188	0.777213	1.75596	1.75596	0.776639	1.75859	1.75859	0.280595	0.37717	0.37717	0.171372	18.4895	18.4895	0.246598	0.8888936	-1.12494	0.770578	1.78669	1.78669	?	?	?	?	?	?	1.15042	54.602	47.4627	1
cg13682096	EPB42;EPB42;EPB42;EPB42	0.429041	0.153474	0.536408	-1.86425	0.520581	1.30394	1.30394	0.96225	1.01948	1.01948	0.276403	0.630407	-1.58628	0.0855367	0.46228	-2.16319	0.812014	0.907469	-1.10197	0.791944	0.807861	-1.11376	0.128845	0.51226	-1.95214	0.33462	0.666626	-1.50009	1.4622	3.01495	2.33821	1
cg26547898	C12orf36	0.429047	0.6378797	1.09077	1.09077	0.222602	1.75276	1.63394	0.0554945	1.53494	1.53494	0.1539	1.31589	1.31589	0.796944	1.254579	0.782758	1.04624	1.0543	1.0543	0.488106	0.782523	1.27792	0.4851051	0.886394	1.12817	0.175166	1.28854	1.28854	1.4637	0.502156	0.443195	1
cg05333442	NDRG4;NDRG4;NDRG4	0.429049	0.753875	1.20092	1.20092	0.517879	1.46464	1.46464	0.10979	2.75874	2.75874	0.874838	1.0961	1.0961	0.449519	1.56609	1.56609	0.984758	0.988942	-1.01118	0.0650817	0.299483	-3.33909	0.585672	0.725842	-1.37771	0.97726	1.01673	1.01673	1.4619	6.15126	4.77042	1
cg15680707	SENP2	0.429051	0.666389	0.940268	-1.06299	0.606834	0.964335	-1.03712	0.298845	0.868255	-1.15137	0.0618	0.868255	-1.15137	0.0618	0.931123	1.0017	1.0017	0.998	1.002	0.9731	1.02185	1.02185	0.16593	1.16593	1.16593	0.0626097	1.18671	1.18671	1.4618	0.2487945	0.1929246	1
cg10250177	LOC;LOC;LICK	0.429056	0.393339	1.5491	1.5491	0.143524	4.55305	-2.19633	0.355452	0.621382	-1.60932	0.903246	1.06276	1.06276	0.585632	0.918839	-1.08833	0.428177	0.667044	-1.49915	0.0580765	0.342246	-2.92188	0.726697	0.19202	1.19202	0.446271	0.677999	-1.47493	1.4617	5.45835	3.52738	1
cg21437417	VGLL4	0.429058	0.108786	0.679589	-1.47061	0.75992	0.934648	-1.06992	0.863876	0.96287	-1.03856	0.448487	0.843392	-1.18569	0.267394	0.775096	-1.29016	0.311375	0.725333	-1.37868	0.239619	1.31196	1.31196	0.561674	0.87863	-1.13814	0.198185	0.740913	-1.34969	1.4617	0.882618	0.684499	1
cg00380377	FBXL22	0.429061	0.3694063	1.762529	1.762529	?	?	?	0.0756599	1.18439	-1.84614	1.8397	0.2813037	0.2813037	0.487779	2.128228	2.128228	0.159455	1.55608	1.55608	0.0381337	2.623957	2.623957	0.683144	1.46413	1.46413	0.0700121	1.68571	1.68571	1.4618	0.2487945	0.1929246	1
cg12556586	FAM81A	0.429066	0.557093	1.23107	1.23107	0.513719	0.807692	-1.2381	0.234851	0.671539	-1.48912	0.326609	1.22986	1.22986	0.344307	0.474737	-2.10643	0.460095	1.27448	1.27448	0.176647	0.740496	1.34124	0.745624	0.826392	1.07341	1.07341	1.4615	1.88779	1.46407	1
cg27302870	HNRNPF;HNRNPF;HNRNPF;HNRNP	0.429068	0.69036	1.09266	1.09266	0.421482	1.72725	1.72725	0.0222759	1.51217	1.51217	0.0905512	1.00959	1.00959	0.316982	1.08444	1.08444	0.789398	1.02719	1.02719	0.903848	0.809515	1.02719	1.02719	0.733089	1.03876	1.03876	0.540057	1.07135	1.07135	0.083397	1.2373	1.2373	1.4615	0.224549	0.17379	1
cg25944700	SLC25A37	0.429073	0.308267	1.26313	1.26313	0.707128	0.108898	-1.88898	0.555834	1.14197	1.14197	0.262119	0.771815	-1.29565	0.992745	0.997988	-1.00202	0.142714	0.705406	-1.41762	0.606268	0.89122	-1.12206	0.86902	1.03723	1.03723	0.112831	1.46566	1.46566	1.4613	0.8806658	0.6907353	1
cg01833521	LOC283070	0.429074	0.441966	0.684949	-1.45996	0.297132	1.78314	1.27834	0.0256383	1.68688	1.68688	0.112563	0.8970923	0.5413911	0.557167	0.98488	-1.01524	0.259353	1.13837	1.13837	0.128287	0.5567	0.5567	0.0138478	0.794554	1.25888	0.442718	0.838626	1.19343	1.4613	0.9384848	0.726277	1
cg08682475	LPCAT4	0.429075	0.788369	1.05355	1.05355	0.454331	1.37397	1.37397	0.129255	1.83426	1.83426	0.314716	0.5341613	0.5341613	0.882805	1.132775	-1.49065	0.699201	0.927458	-1.07822	0.276116	1.24654	1.24654	0.2923233	1.23595	1.23595	0.139266	1.37799	1.37799	1.4613	0.6824845	0.5293005	1
cg07314540	ERI2;ERI2;LOC81691;LOC81691	0.429075	0.391361	0.837281	-1.19434	0.882349	1.0304	1.0304	0.923674	1.01957	1.01957	0.733651	0.933263	-1.07151	0.931101	1.01764	1.01764	0.321688	0.812991	-1.23003	0.0523451	1.56241	1.56241	0.490026	1.15234	1.15234	0.218263	1.29938	1.29938	1.4613	0.742319	0.57571	1
cg00177390	C1orf25;C1orf26;C1orf26	0.429076	0.591303	1.2173	1.2173	0.576217	0.918708	-1.2273	0.233683	0.635737	-1.57298	0.636043	1.19124	1.19124	0.194757	0.945164	-1.05802	0.215155	1.16196	1.16196	0.0664564	1.70925	1.70925	0.0596403	1.25978	1.25978	0.14613	1.38849	1.38849	1.4613	2.859884	1.85269	1
cg26537416	CCDC82;JNK1;CCDC82	0.42909	0.289088	1.16971	1.16971	0.916253	1.0151	1.0151	0.223805	0.833591	-1.19963	0.421329	0.889572	-1.12414	0.511655	1.00946	1.00946	0.311154	0.861342	-1.16093	0.162998	0.29193	-3.42913	0.765742	0.95833	-1.04348	1.461	2.368313	0.285655	1
cg01111179	GSPC2;GSPC2 YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA	0.429094	0.768718	0.708695	-1.41104	0.490722	0.441563	-2.26468	0.353385	0.327897	-3.04974	0.663899	0.600162	-1.66622	0.305257	0.289474	-3.45455	0.942645	0.919411	-1.08765	0.0558019	0.796301	-12.5581	0.722215	0.659131	-1.51715	0.16148	0.73189	0.74609	24.7518	19.1971	1
cg13388333	ZW;YWHAZ;YWHAZ	0.429096	0.47291	1.38678	1.38678	0.836098	1.09723	1.09723	0.153692	1.9821	1.9821	0.854775	1.08553	1.08553	0.154758	1.72187	1.72187	0.337603	0.642241	-1.55705	0.242843	0.578432	-1.72881	0.93371	0.963424	-1.03797	0.1091	0.457209	-2.18718	1.4609	3.64161	2.82438	1
cg26585655	PDK2;PDK2	0.429097	0.101402	1.50956	1.50956	0.0884354	1.07415	1.07415	0.183573	1.33233	1.33233	0.113455	0.66444	0.66444	0.0561756	1.71523	1.71523	0.285857	1.34638	1.34638	0.0252165	3.67445	3.67445	0.160265	1.67045	1.67045	0.0216	0.4216	1.1825	0.237315	0.4216	0.4216	1.1825	0.237315	0.4216	0.4216	1.1825	0.237315	0.4

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563 vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg21165310	SOX2OT		0.429513		0.353048		0.633557		0.629984		0.053281		0.325258		0.107144		0.109806		0.402213		0.437026		0.688634		0.811909		0.122864		0.31395		0.587222		1.70293											
cg21575558	TAF1A;TAF1A		0.429518		0.827472		0.972273		1.02852		0.593376		0.932923		1.07919		0.70044		1.05106		1.06953		1.026		1.126		1.126		0.0457456		1.34319		1.34319											
cg21065418	WDR46;WDR46		0.429522		0.227581		0.912694		-1.09566		2.21073		1.09978		1.09978		0.525441		0.954652		-1.0475		0.824495		0.984108		-1.01615		0.425655		0.940315		-1.06043											
cg21839044	RNF6;RNF6;RNF6		0.429524		0.309117		0.640062		-1.55506		0.2145		0.578024		-1.73001		0.549716		1.28801		1.28801		0.798161		0.898086		-1.11348		?		0.898086		-1.11348											
cg21270860	POU3F1		0.429526		0.94089		0.962178		-1.03931		0.0474509		0.307608		-3.25089		0.679505		0.805743		-1.24109		0.265656		0.547127		-1.82773		0.585673		0.372461		-2.68485											
cg26863273	ASAH1;ASAH1;ASAH1;ASAH1;ASAH1		0.429529		1.156993		1.28182		1.28182		0.516248		0.897659		1.11401		0.936417		1.03117		1.03117		0.559583		0.907255		1.10134		0.762052		0.765075		0.952031		-1.05039											
cg20640983	HINT1;HINT1;HINT1		0.429544		0.554134		0.801578		-1.24754		0.342536		0.696671		-1.4354		0.442678		0.748784		-1.3355		0.226782		0.625603		-1.59846		0.866529		1.06415		1.06415											
cg08484629	HRK		0.429545		0.773675		0.742656		-1.34552		0.0831197		0.24055		0.7453		0.532968		0.517872		-1.91098		0.0663737		0.367475		1.90478		0.777477		0.942302		-1.13922											
cg20144413	POGZ;POGZ;POGZ		0.429546		0.467707		0.688517		-1.4524		0.390285		1.5599		1.5599		0.489838		1.42867		1.42867		0.991867		1.00516		1.00516		0.140108		0.415337		2.40769											
cg03402435	DGCR14		0.429551		0.470423		1.09652		1.09652		0.424728		1.10771		1.10771		0.854654		0.977253		-1.02328		0.263143		0.863825		-1.15764		0.139145		1.22109		1.22109											
cg06179469	RBMS1;RBMS1		0.429563		0.30484		1.47312		1.47312		0.144644		0.624		1.60945		1.4142		1.41442		1.41442		0.125303		1.80884		1.80884		0.0718242		2.07951		2.07951											
cg13746101	SUV39H2		0.429582		0.893861		0.979391		-1.02104		0.83745		0.968462		-1.03257		0.932877		1.01324		1.01324		0.962383		0.706103		-1.41609		0.0491857		0.704503		-1.41944		0.746483		0.950657		-1.0519		0.503896		0.899136		-1.11218		0.5612		0.441366		0.342607	
cg15631192	RHOBTB1;RHOBTB1		0.429564		0.77987		1.09199		1.09199		0.505589		0.203787		1.1619		0.887807		0.950604		-1.05196		0.814401		0.918341		-1.08916		0.115636		1.86343		1.86343		1.38151		1.38151		0.494545		1.28297		1.28297		0.24022		1.81658		
cg09476130	CCDC19		0.429565		0.07668818		17.5864		17.5864		0.3700441		1.82074		1.82074		0.500669		0.42138		0.42138		0.310059		0.416504		0.614747		0.477599		2.09381											
cg08364714	WDR59		0.429569		0.262066		0.791984		-1.26265		0.962008		0.990546		-1.00954		0.0185557		1.55459		1.55459		0.111024		1.02255		1.02255		0.842722		1.04041		1.04041		0.75841		1.06345		1.06345		0.551485		0.917773		-1.08959		0.18356		1.32124		1.32124		0.145115		0.721257		0.559876	
cg17551008	GDPC;GDPC		0.429584		0.809855		1.05636		1.05636		0.415521		0.826132		1.21056		0.249828		0.492051		-2.03231		0.283585		0.567252		-1.76289		0.0437453		0.344829		2.90995		1.18563		1.18563		0.552007		1.14498		1.14498		0.14007		0.488016		0.378795	
cg10387761	ADAM11		0.429595		0.18911		0.706194		-1.41604		0.472709		0.833076		-1.20037		0.229827		0.729754		-1.37032		0.653977		1.11943		1.11943		0.913177		0.973096		-1.02765											
cg10233612	DZIP1;DZIP1		0.429596		0.40166		0.884075		-1.12997		0.78438		0.953189		-1.04915		0.119464		0.34092		0.34092		0.211984		0.06703		1.06703		0.576342		1.10374		1.10374		1.306		1.306		0.293911		1.20981		1.20981		0.472723		1.1363		1.1363		0.14505		0.555081		0.409003	
cg01220194	LMF1		0.429599		0.26595		0.587179		-1.70306		0.646196		0.80872		-1.23652		0.149828		0.492051		-2.03231		0.283585		0.567252		-1.76289		0.0437453		0.344829		2.90995		0.898943		1.00607		1.00607		0.643256		0.559549		0.781321		1.13635		1.13635		0.891995		0.939508		1.06439		1.4504		3.82589		2.97001	
cg26105156	BMP3		0.429605		0.771607		0.940562		-1.06319		0.998307		1.00045		1.00045		0.723407		1.07768		1.07768		0.411168		0.837841		-1.19354		0.104027		0.687837		-1.45383											
cg19462193	VPS33A		0.429606		0.514759		0.849449		-1.15694		0.0571609		0.24055		0.7453		0.532968		0.517872		-1.91098		0.0663737		0.367475		1.90478		0.777477		0.942302		-1.13922											
cg00038298	CCDC36		0.429608		0.480061		0.83346		-1.19982		0.436814		0.817675		-1.22298		0.250437		1.35629		1.58361		1.1496		1.1496		0.68303		0.900208		1.15085		0.0376414		0.542311		-1.84396		0.478437		0.832879		-1.20065		0.860056		0.956208		-1.0458		0.814512		0.942106		-1.06145		1.4503		1.16773		0.906517	
cg25850383	CYP1B1;CYP1B1		0.429609		0.850084		1.09545		1.09545		0.773408		0.21015		1.2295		1.2295		1.2295		1.2295		1.2295		1.2295		1.2295		1.2295		1.2295		1.2295		0.0761679		1.33132		1.33132		0.400491		0.705304		0.916379

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105 vs. N)	Fold-Change(105-vs-057 vs. N)	p-value(111 vs. N)	Fold-Change(111-vs-117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127-vs-127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217-vs-2217 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537-vs-537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377-vs-377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637-vs-637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg20001675	C6orf208		0.398882	2.078414	-1.48453	1.557254	0.39178	1.29378	0.334671	0.634384	-1.57633	0.917768	0.961587	-1.03995	0.13518	0.47873	-2.08886	0.598033	0.782927	-1.27726	0.08195006	2.43479	2.44479	0.784514	1.133357	1.133357	0.837063	1.09877	1.08077	1.14375	3.78987	2.94539	1
cg07247228	STARD8;STARD8		0.430237		0.184111	0.382597	-2.61371	0.276666	0.462292	-2.16313	0.98662	0.98863	-1.0115	0.477978	0.611443	-1.63548	0.136266	0.334658	-2.98813		0.096334	0.287918	-3.47321	0.211548	0.441126	-2.43234	0.301245	0.481726	-2.07587	0.61862	1.40806	1.40806	1.14372	8.42284	6.54613	1
cg00833537	CCT3;CCT3;C1orf182;CCT3;CCT3;CCT3;CCT3;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1		0.593343	1.13467	1.13467	0.166758	1.41276	1.41276	0.0430757	1.72563	1.72563	0.810357	1.05797	1.05797	0.437484	1.204	1.204		0.324366	0.787758	-1.26942	0.416431	1.21492	1.21492	0.568982	1.14445	1.14445	0.60431	1.13036	1.13036	1.14372	0.995222	0.773479	1
cg03351003	AR1;BCAR1;BCAR1;BCAR1;BCAR1		0.430247		0.33057	0.693962	-1.441	0.173102	0.59009	-1.69466	0.66536	1.17158	1.17158	0.368535	1.39946	1.39946	0.443293	0.742693	-1.34645		0.167791	0.585686	-1.7074	0.163441	0.582031	-1.71812	0.243959	0.641723	-1.5583	0.914985	1.03962	1.03962	1.1437	2.39857	1.86417	1
cg09977031	EARS2;EARS2;UBFD1		0.430262		0.392527	1.12611	1.12611	0.120443	0.795821	-1.25656	0.994575	1.00092	1.00092	0.965458	0.994146	-1.00589	0.433574	1.11444	1.11444		0.0944703	1.28305	1.28305	0.641823	1.06558	1.06558	0.391218	0.887706	-1.1265	0.706101	0.94993	-1.05271	1.14367	0.333002	0.258817	1
cg15188000	ERI1		0.430273		0.389194	1.57472	1.57472	0.816638	0.887349	-1.12695	0.680753	1.22724	1.22724	0.466993	0.664967	-1.50348	0.235804	0.527624	-1.89516		0.473934	0.687456	-1.45464	0.156316	0.464765	-2.15163	0.119947	0.28234	0.38234	0.861345	1.09413	1.09413	1.14365	4.79604	3.72767	1
cg14140881	EFCAB10		0.430275		0.353576	0.60533	-1.65199	0.577411	0.743771	-1.3445	0.685803	0.889028	-1.45132	0.831205	1.11881	1.11881	0.262421	0.65246	-1.53266		0.675163	1.24815	1.24815	0.274116	0.549639	-1.81938	0.873849	1.08716	1.08716	0.0527586	3.18333	3.18333	1.14365	5.00986	3.89387	1
cg00616176	CYFIP2;CYFIP2		0.430285		0.596243	1.11038	1.11038	0.454769	0.861493	-1.16078	0.703035	1.07789	1.07789	0.417739	1.17604	1.17604	0.147448	0.737591	-1.35576		0.482866	0.869665	-1.14987	0.318964	0.817357	-1.22346	0.179167	1.32236	1.32236	0.291014	0.806897	-1.23931	1.14362	0.694485	0.539793	1
cg24134572	HSD17B12		0.430287		0.335327	0.562664	-1.77702	0.279451	0.395153	-2.53052	0.38514	0.89713	-1.11467	0.837234	0.716556	-1.39555	0.111435	0.358992	-2.78557	0.586238	0.727503	-1.37456	0.671597	0.784164	-1.27524	0.264178	0.509822	-1.96147	1.14362	0.606889	0.47171	1
cg09322796	MYT1L		0.430301		0.359623	0.834547	-1.19825	0.487876	1.14492	-1.14492	0.392283	1.18329	0.762038	1.06005	1.06005	0.080527	0.689638	-1.45004		0.333137	1.21131	1.21131	0.744594	1.06478	1.06478	0.911142	0.978791	-1.02167	0.220346	0.780795	-1.28075	1.14359	0.66786	0.519113	1
cg00146229	PMCA		0.430306		0.860402	1.135665	1.135665	0.0211327	0.54272	-1.64223	0.193756	1.53844	1.53844	0.281665	2.134	2.134	0.394218	1.259918	1.25959		0.582624	1.45639	1.45639	0.0149479	1.13675	1.13675	1.14358	0.81282	0.646343	1
cg25181284	GPD1		0.430306		0.585481	1.35797	1.35797	0.169453	1.25253	1.25253	0.152019	1.15153	1.15153	0.24559	-1.24559	0.276023	1.87509	0.885513	1.03821	1.03821		0.225493	1.02631	1.02631	0.0484264	1.49397	1.49397	0.352127	1.70104	1.70104	0.421077	1.57776	1.57776	1.14358	5.57495	4.33332	1
cg25443975	BRSK1		0.430306		0.286352	1.65019	1.65019	0.915157	0.942792	1.02777	0.353964	0.99283	-1.02777	0.353964	0.99283	-1.02777	0.353964	0.99283	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg16056105	INSM2		0.319201	0.818378	1.20037	1.512004	0.883708	-1.12523	0.524448	1.12251	1.12251	1.12251	0.469826	0.885216	-1.12067	0.794741	1.04734	1.04734	0.863507	0.969935	-1.031	0.8043823	1.5493	1.5493	0.80514	0.957096	-1.04483	0.766724	1.0542	1.0542	1.14243	0.568476	0.44309	1
cg02900743	SIPA1L2		0.430865	0.818695	0.943778	-1.05957	0.618771	0.881244	-1.13476	0.164186	1.45366	1.45366	0.745178	0.921101	-1.08566	0.102112	0.655467	1.52331	0.702525	1.10154	1.10154	1.026008	1.51773	1.51773	0.609844	0.878357	-1.13849	0.711938	0.910765	-1.09798	1.14243	1.14916	0.894131	1
cg08649707	DEFB136		0.430875	0.501934	0.745083	-1.34213	0.0447241	0.367953	-2.71774	0.090889	0.4457	-2.24366	0.839779	0.915914	-1.09181	0.716499	0.853649	-1.17144	0.605007	1.25406	1.25406	0.839481	1.09199	1.09199	0.713297	0.85204	-1.17365	0.766403	1.13799	1.13799	1.1424	3.40614	2.65027	1
cg15372689	GNG11		0.430875	0.184764	0.506294	-1.97514	0.342377	1.60534	1.60534	0.594616	0.771139	-1.29678	0.862875	0.36128	-2.75269	0.293909	0.505045	-1.69347	0.990512	1.0055	1.0055	1.021084	0.52957	-1.88833	0.641895	0.797324	-1.25434	0.834025	0.903962	-1.10624	1.1424	4.23593	3.29932	1
cg07031748	CDP53		0.430896	0.628055	0.894536	-1.1179	0.603853	1.12693	1.12693	0.534519	1.15443	1.15443	0.6679212	0.627021	-1.59484	0.430387	1.20146	1.20146	0.726388	0.922929	-1.08351	0.1719009	1.39373	1.39373	0.702317	0.916067	-1.09162	0.449503	0.838678	-1.19235	1.14236	0.942918	0.733699	1
cg22013882	PLEKHA6		0.430898	0.0975558	0.604845	-1.65332	0.326115	0.755481	-1.32366	0.220589	0.700351	-1.42786	0.279161	0.732581	-1.36554	0.732324	0.907602	-1.10169	0.826093	1.06275	1.06275	0.201761	1.44915	1.44915	0.352057	0.766009	-1.30462	0.700421	0.898596	-1.11285	1.14236	1.38387	1.07681	1
cg14400879	UBE3C		0.430905	0.780514	0.93403	-1.07063	0.831829	0.949372	-1.05333	0.527069	0.855074	-1.16949	0.586539	1.14358	1.14358	0.354246	0.792274	-1.26219	0.300777	0.769548	-1.29946	0.233205	1.35714	1.35714	0.739517	0.921712	-1.08494	0.0502658	0.579698	-1.72504	1.14234	1.07989	0.84029	1
cg01174435	TCP11L2		0.430906	0.744778	0.90193	-1.11087	0.4256367	0.964485	-1.03697	0.9557	0.8839861	0.826727	-1.1408	0.256594	0.6792944	-1.47282	0.998158	0.756961	-1.3211	0.046575	0.479326	-2.08626	0.328966	1.13148	1.13148	0.303216	1.40956	1.40956	0.431362	0.7731	-1.29349	1.14234	1.87665	1.45872	1
cg14763874	WFDC12		0.430909	0.324536	1.28399	0.648123	1.11951	1.11951	0.0427773	1.56265	-1.77539	0.411438	0.833547	-1.22915	0.378096	0.49995	1.24881	1.24881	0.57626	0.870471	-1.1488	0.636399	0.889585	-1.12412	0.788256	1.06495	1.06495	0.938027	0.981349	-1.01901	1.14233	1.09215	0.849842	1
cg03984677	CYTH3		0.430912	0.707297	0.92693	-1.07883	0.658293	1.093666	1.093666	0.182093	1.32961	1.32961	0.745133	0.936495	-1.06781	0.832746	0.958353	-1.04346	0.966189	0.99151	-1.00856	0.0271376	1.69235	1.69235	0.630622	1.10237	1.10237	0.98531	0.996303	-1.00371	1.14233	0.732065	0.569648	1
cg03039928	SDC1;SDC1		0.430928	0.277361	1.55635	0.7668	1.03004	1.03004	0.0813611	1.995954	1.54882	1.54882	0.149697	0.4596339	2.07562	0.0973	1.36615	1.36615	0.775508	1.864934	1.25629	0.156459	1.63924	1.63924	0.766316	1.15289	1.42423	0.2054748	0.667418	1.48328	1.1423	4.58207	3.56558	1
cg01695791	CES3		0.430929	0.191889	0.649487	-1.53968	0.116696	1.703918	1.703918	0.691031	0.882667	-1.13293	0.865321	1.05446	1.05446	0.8879	1.04505	1.04505	0.330892	1.36883	1.3683	0.955778	0.982825	1.07428	0.703405	0.744353	-1.34345	0.199685	0.654895	-1.52696	1.14229	1.76569	1.37399	1
cg08763126	C6orf182		0.430929	0.491467	0.976471	-1.02483	0.217158	1.0904	1.0904	0.0609746	1.32771	1.32771	0.397516	0.890225	-1.12331	0.649407	1.06355	1.06355	0.753777	1.04277	1.04277	0.342983	0.878434	-1.13839	0.691474	0.943967	-1.055	0.948842	1.008665	1.008665	1.14229	0.325942	0.253635	1
cg12204166	SIK3		0.430931	0.632282	0.74094	-1.34964	0.786157	0.8444	-1.18427	0.2227338	2.19945	2.19945	0.352308	1.81353	1.81353	0.2740078	0.492722	-2.02954	0.539391	0.672827	-1.48627	0.0967495	0.32178	-3.10772	0.723252	1.24749	1.24749	0.395587	1.71789	1.71789	1.14229	0.99765	0.544531	1
cg09825436	TPT1;LOC100190939		0.430934	0.732162	1.13538	0.255059	1.55143	1.55143	0.0693142	2.11912	2.11912	0.267895	1.53194	1.53194	0.465167	1.31616	1.31616	0.436705	0.745839	-1.34077	0.283764	0.662606	0.1509145	0.962416	0.982735	-1.01757	0.827348	1.08408	1.08408	1.14229	2.47117	1.92208	1
cg14367485	SNX24		0.430935	0.949532	1.00068	0.07634	1.17556	1.17556	0.136127	1.25784	1.25784	0.378761	1.13768	1.13768	0.496188	0.90034	1.10373	1.10373	0.893765	0.981056	-1.01927	0.414268	0.88762	-1.12661	0.305171	1.23109	1.23109	0.150092	1.12465	1.12465	1.14229	0.369136	0.287248	1
cg22697657	TPRG1L		0.430936	0.774062	1.0378	1.0378	0.546653	1.0818	1.0818	0.123132	1.24023	1.24023	0.271156	0.862719	-1.15913	0.0901547	1.27222	1.27222	0.267768	1.16044	1.16044	0.72003	0.954668	-1.04748	0.915823	0.986464	-1.01372	0.575569	1.07563	1.07563	1.14228	0.300579	0.233902	1
cg20364226	KIAA0664		0.430942	0.902108	0.869047	-1.15097	0.599417	1.02214	1.02214	0.0936572	1.1802	1.1802	0.605061	0.551534	-1.81313	0.82091	0.972308	1.02854	0.221343	0.230269	-4.33933	0.921099	0.899271	-1.11948	0.999658	1.33594	1.33594	0.622054	0.567365	-1.76253	1.14227	2.51378	1.83166	1
cg12037947	CD93		0.430949	0.204135	1.74614	0.787656	0.988991	-1.01113	0.220288	0.585067	-1.70921	0.533954	0.769504	-1.29954	0.567217	1.28918	1.28918	1.28918	0.328135	1.5217	1.5217	0.107314	0.207735	0.207735	0.964122	0.981465	-1.01888	0.458546	0.730458	-1.369	1.14225	3.12969	2.43549	1
cg00139807	LOC440356;LOC440356;CDIPT		0.430952	0.484729	1.37191	1.37191	0.510057	0.742611	-1.3466	0.974976	0.986128	-1.01407	0.706088	1.18379	1.18379	0.699777	0.841505	-1.18835	0.746473	0.865488	-1.15542	0.0242876	0.302476	-3.30604	0.686235	1.19825	1.19825	0.641693	1.23208	1.23208	1.14225	0.5879	0.479208	1
cg19634919	TIAM2		0.430959	0.175457	0.927553	-1.2636	0.477992	0.9855	-1.01469	0.75996	1.39379	1.39379	0.852232	0.965325	-1.03596	0.292834	0.530904	-1.88407	0.993748	0.99558	-1.00442	0.940337	0.997298	-1.00271	0.949958	1.33594	1.33594	0.622054	0.567365	-1.76253	1.14227	2.51378	1.83166	1
cg26272214	FAM5B		0.430961	0.123067	0.267314	-3.74091	0.13663	0.276564	-3.6158	0.393031	0.5010062	-1.99576	0.217318	0.358781	-2.78722	0.108803	0.251269	-3.97979	0.281761	0.413372	-2.41913	0.2673944	0.401497	-2.49068	0.812357	0.828776	-1.2066	0.182384	0.327054	-3.0576	1.14223	11.2825	8.78014	1
cg25118678	UBTF;UBTF		0.430962	0.212275	0.81877	1.77477	0.158447	0.765356	-1.30666	0.163468	0.6154643	-1.62527	0.0945727	0.765153	-1.30668	0.163458	0.62527	0.0979868	0.413123	0.4186	-2.38936	0.0814415	0.800579	-1.2491	0.0977409	0.778209	-1.285	0.303516	1.54874	1.54874	1.14223	0.341307	0.23797	1
cg24446671	ZNF100		0.430967	0.0680653	1.45254	1.45254	0.432256	1.15769	1.15769	0.599876	0.907822	-1.10154	0.465404	0.873081	-1.14537	0.367443	0.844384	1.18429	0.602977	0.908581	-1.10062	0.205604	1.2763	1.2763	0.988012	1.00275	1.00275	0.550049	1.11682	1.11682	1.14221	0.603837	0.469915	1
cg23908698	PCSK7;RNF214;RNF214		0.430997	0.633115	1.04578	1.04578	0.580363	1.05315	1.05315	0.83457	0.981794	-1.01854	0.277755	1.11078	1.11078	0.476854	1.01456	1.01456	0.754456	0.875204	1.14369	0.0178023	0.834651	-1.19816	0.434837	1.07699	1.07699	0.339778	1.0959	1.0959	1.14221	0.156729	0.121969	1
cg01178485	CDC26;PRPF4		0.430953	0.119753	0.814979	1.23012	0.21079	1.1756	1.1756	0.145657	1.21131	1.21131	0.807751	1.02177	1.02177	0.922779	0.968255	1.03185	0.873041	1.01981	1.01981	0.760025	0.934551	-1.07022	0.954435	1.06402	1.06402	0.264979	1.16501	1.16501	1.14221	0.27232	0.211925	1
cg05883932	BRB;RBKS;BRE;BRE;BRE;LOC10030		0.430968	0.883293	0.968158	-1.03289	0.57709	0.883284	-1.13214	0.778509	0.93977	-1.06409	0.269158	1.28856	1.28856	0.437601	1.19058	1.19058	0.773471	0.938399	-1.06565	0.0381227	0.588895	-1.6981	0.597471	1.12456	1.12456	0.649967	1.10589	1.10589	1.14219	0.877969	0.683264	1
cg02347113	TBC1D8		0.430982	0.382081	0.819359	-1.22047	0.185879	0.732175	-1.36579	0.164977	0.722323	-1.38442	0.565822	0.878968	-1.1377	0.697632	0.916885	1.09065	0.346836	0.8063	-1.24023	0.138019	0.70121	-1.42611	0.809361	0.9477	-1.05519	0.0487035	0.606305	-1.64934	1.14218	0.893555	0.695397	1
cg15544235	HTT		0.431005	0.149211	0.461643	-2.16618	0.600265	1.30245	1.30245	0.935259	0.960212	-1.04144	0.425104	0.665601	-1.5024	0.444437	0.677314	1.47642	0.604602	0.770239	-1.2983	0.0678296	0.35978	-2.77948	0.991732	1.00519	1.00519	0.112193	0.421326	-2.37346	1.14214	4.51795	3.51618	1
cg05596011	DMXL1		0.431007	0.209959	0.806473	-1.24001	0.27069	0.525092	-1.90505	0.0635707	0.4094546	-2.22447	0.832891	1.15484	1.15484	0.2884	0.5328804	-1.87677	0.631998	0.719811	-1.3895	0.1424199	0.300877	-3.32453	0.0917	0.969724	-1.03126	0.706523	0.773081	-1.29399	1.14213	0.30772	0.23971	1
cg00128353	NEURL;NEURL		0.431010	0.800837	1.04897	1.04897	0.202293	1.28999	1.28999	0.743532	0.93999	-1.06407	0.858495	1.03431	1.03431	0.0861742	0.698545	-1.43134	0.28181	1.2356	1.2356	0.662974	0.920403	-1.08648	0.252089	1.25395	1.25395	0.508019	1.13544	1.13544	1.14213	0.647159	0.503668	1
cg24134594	B2M		0.431011	0.670563	0.865268	-1.15586	0.376565	0.720453	-1.38853	0.164168	0.720453	-1.38853	0.164168	0.720453	-1.38853	0.164168	0.720453	-1.38853	0.181801	0.827427	-1.2085	0.185363	0.711335	-1.40585	0.1125	0.971682	-1.02909	0.815514	1.35402	1.35402	1.14213	0.977956	0.744253	1
cg24865122	BTNL2		0.431019	0.552804	0.877309	-1.11985	0.0969404	1.48761	1.48761	0.300304	1.26362	1.26362	0.319676	0.799179	-1.25128	0.541121	0.873836	-1.14438	0.22124	1.32353	1.32353	0.313223	1.25531	1.25531	0.832277	0.954821	-1.04732	0.895606	0.971788	-1.02903	1.14211	0.859574	0.668996	1
cg12922931	C21orf59		0.431022	0.524572	0.91282	1.09282	0.90758	0.944191	-1.01612	0.865568	0.976942	-1.0236	0.242138	0.844915	-1.18355	0.75128	1.05172	1.05172	0.46248	0.902162	-1.10845	0.225735	1.19139	1.19139	0.82071	1.03174	1.03174	0.0557987	1.34755	1.34755	1.1421	0.342763	0.266769	1
ch.X.10844078	TAF1;BCYRN1;TAF1		0.431033	0.563933	0.884	1.13131	0.694917	0.759525	1.31746	0.46475	0.759525	1.31746	0.46475	0.759525	1.31746	0.46475	0.759525	1.31746	0.458645	0.83676	-1.19479	0.0788408	0.23658	-4.22958	0.838624	0.858034	-1.16535	0.0778209	1.285	0.303516	1.54874	1.54874	1.1421	0.341307	0.23797	1
cg16690356	HCG9		0.431034	0.565889	1.39158	1.39158	0.488816	0.670066	-1.49239	0.181118	0.44557	-2.24432	0.606395	1.34435	1.34435	0.0547122	0.289169	-3.45818	0.392491	1.64345	1.64345	0.769544	0.845971	-1.18207	0.448343	0.644072	-1.55262	0.656127	0.774788	-1.29068	1.14208	5.86387	4.5639	1
cg26167677	RNF182;RNF128		0.431037	0.123507	0.778116	1.28512	0.487433	1.25361	0.3430379	0.1930379	-5.18053	0.193039	0.1431	1.31355	0.7619	0.0499333	0.2481	-4.03031	0.118526	0.111007	-9.0075	0.0231586	0.096888	-10.3257	0.603176	0.609712	-1.64009	0.0607912	1.42809	1.42809	1.1421	0.57632	0.45035	1
cg06837791	ANGPTL4;ANGPTL4		0.431037	0.817244	0.974629	-1.02603	0.108523	0.821236	-1.21768	0.704783	1.04318	1.04318	0.464564	0.920501	-1.08637	0.96814	1.00444	1.00444	0.535163	1.07234	1.07234	0.29948	1.12749	1.12749	?	?	?	?	1.166018	1.18008	1.15916	0.19612	0.148551	1
cg11706540	C21orf2		0.431049	0.815108	1.16696	1.16696	0.6628048	3.97418	3.97418	0.07058	3.78829	3.78829	0.878461	1.10617	1.10617	0.872196	0.89932	-1.11195	0.2770355	2.10673	2.10673	0.812035	0.856486	-1.17002	0.44573	1.6692	1.6692	0.829422	0.867438	-1.15282	1.14205	7.8581	6.11619	1
cg00131164	EVL		0.431051	0.661116	0.838182	1.19258	0.252417	0.847433	-1.25361	0.343169	0.5330379	-1.95933	0.284965	0.724365	-1.3805	0.2914	0.5105553	-1.95883	0.466277	1.68288	1.68288	0.0806701	0.809588	-1.23511	0.443484	0.845052	-1.18309	0.14207	0.675732	0.6765	1.14205	1.42809	1.14207	0.675732	0.6765	1
cg06837791	ANGPTL4;ANGPTL4		0.431037	0.817244	0.974629	-1.02603	0.108523	0.821236	-1.21768	0.704783	1.04318	1.04318	0.464564	0.920501	-1.08637	0.96814	1.00444	1.00444	0.535163	1.07234	1.07234	0.29948	1.12749	1.12749	?	?	?	?	1.166018	1.18008	1.15916	0.19612	0.148551	1
cg11706540	C21orf2		0.431049	0.815108	1.16696	1.16696	0.6628048	3.97418	3.97418	0.07058	3.78829	3.78829	0.878461	1.10617	1.10617	0.872196	0.89932	-1.11195	0.2770355	2.10673	2.10673	0.812035	0.856486	-1.17002	0.44573	1.6692	1.6692	0.829422	0.867438	-1.15282	1.14205	7.8581	6.11619	1
cg02311001	FAM178B;FAM178B		0.431068	0.714534	0.849068	-1.17795	0.119862	0.671632	-1.4893	0.0955513	0.4971632	-2.01153	0.195881	0.909941	-1.09945	0.772977	0.5145536	-1.94385	0.523892	0.754839	-1.32483	0.2610778	0.3745	-2.67049	0.642556	0.703517	-1.42143	0.843425	1.03234	1.03234	1.1421	0.35781	0.27929	1
cg09904291	ABCG4;ABCG4		0.431075	0.308648	0.74906	-1.34307	0.344039	1.50709	1.50709	0.533871	0.771349	-1.29643	0.615839	0.76228	-1.31185	0.0645666	0.425079	-2.35251	0.908567	0.953764	-1.04848	0.912298	1.51208	1.51208	0.752581	0.671231	1.0838682	-1.19235	0.718297	1.16098	1.16098	1.14209	1.07076	0.93018	1
cg08900781	ABCA3		0.431077	0.35325	0.57071	-1.7522	0.0856922	3.05066	3.05066	0.135194	2.57438	2.57438	0.325998	1.81393	1.81393	0.763507	0.837621	-1.19386	0.368374	1.72035	1.72035	0.734066	1.22168	1.22168	0.579807	1.38874	1.38874	0.578876	0.719487	-1.38988	1.14199	6.23631	4.85415	1
cg11363527	SLC44A4;SLC44A4		0.431077	0.301091	0.585159	-1.70844	0.0729553	0.564268	-1.77161	0.0729553	0.564268	-1.77161	0.0729553	0.564268	-1.77161	0.0729553	0.564268	-1.77161	0.488075	0.703043	-1.42239	0.0575724	0.750525	-1.3324	0.407871	0.897113	-1.11469	0.0830551	1.898241	-1.11329	1.14199	4.93	3.52194	1
cg03333330	TFP2		0.431083	1.743023	1.33803	0.6098	0.5783	1.5783	0.708706	1.39448	1.39448	0.253716	1.32372	1.32372	0.0455347	7.62794	7.62794	0.40083	1.85907	1.85907	0.878111	1.14566	1.14566	0.0798351	5.72923	5.59723	0.167142	1.58713	3.68713	1.14198	1.14199	11.0522	1
cg19357918	STIP1		0.431085	0.32509	0.810168	-1.23429	0.209467	1.0806	1.0806	0.39467	0.834777	-1.19792	0.32449	1.23463	1.23463	0.618296	0.801176	-1.24793	0.933783	1.1496	1.01736	0.0577925	0.645122	-1.55972	0.945592	1.22289	1.22289	0.58737	0.892707	-1.12019	1.14197	0.77608	0.604086	1
cg17420968	THAP4;THAP4		0.431087	0.579926	1.31806	1.31806	0.170837	2.105017	2.105017	0.0211925	1.68365	1.68365	0.559974	1.33796	1.33796	0.2859	1.68365	1.68365	0.377794	1.56363	1.56363	0.392168	2.05779	2.05779	0.0574709	2.89017	2.89017	0.387991	1.54814	1.54814	1.14197	4.41301	3.43501	1
cg05445632	B3GAT1;B3GAT1		0.431089	?	?	?	0.916071	1.09307	1.09307	0.704754	0.756262	-1.32229	0.522864	0.578865	-1.72752	?	?	?	0.519762	1.7348	1.7348	0.0352729	0.127234	-7.85955	0.495952	0.557862	-1.79256	0.889305	0.889079	-1.12476	1.12607	9.88634	10.0337	1
cg16698236	SCHIP1		0.431091	0.536604	1.77248	1.77248	0.354154	1.09434	1.09434	0.353232	1.10511	1.10511	0.239236	1.21705	1.21705	0.824877	0.640185	-1.56205	0.518814	1.1897	1.1897	0.321595	1.10943	1.10943	0.0247105	1.42421	1.42421	0.149166	1.22772	1.22772	1.14196	0.0927506	0.0812	1
cg18444097	MTMR7		0.431094	0.480864	0.709387	-1.40967	0.939976	0.964557	-1.03675	0.0665593	0.373137	-2.67998	0.853797	1.09242	1.09242	0.0859753	0.402847	-2.48233	0.456113	0.69509	-1.43866	0.624578	0.789511	-1.26661	0.478132	1.41279	1.41279	0.675535	1.2235	1.2235	1.14195	4.15287	3.23257	1
cg15127486	RASA3		0.431098	0.485662	0.659453	-1.51643	0.264682	1.98016	1.98016	0.96584	1.02549	1.02549	0.767889	1.18997	1.18997	0.0914866	0.335462	-2.98078	0.521892	0.748933	-1.33523	0.2615178	1.745	1.745	0.642956	0.703517	-1.42143	0.843425	1.03234	1.03234	1.1421	0.35781	0.27929	1
cg19393488	OPRK1		0.431104	0.764439	0.69173	1.09173	0.347566	0.753928	-1.32639	0.390488	0.773386	-1.29302	0.893958	1.03972	1.03972	0.291336	0.73682	-1.37682	0.0961832	0.74905	-1.70495	0.159736	0.55077	1.55077	0.78181	0.922116	-1.08446	0.604691	0.858547	-1.16476	1.14193	1.54256	1.20074	1
cg22083643	MFSD8;C6orf29		0.431109	0.285263	0.75121	-1.33119	0.871441	0.959116	-1.04263	0.160622	0.679574	-1.47151	0.999494	1.00016	1.00016	0.126327	0.65293	-1.53156	0.833264	0.947114	-1.05584	0.708935	1.10147	1.10147	0.380078	1.26121	1.26121	0.118444	0.646042	-1.54789	1.14192	1.20149	0.935257	1
cg26139080	MAD;ADD;MADD;MADD;MADD;MADD;M		0.431109	0.190714	0.55667	-1.79639	0.697966	1.17924	1.17924	0.143396	1.94404	1.94404	0.421885	1.41462	1.41462	0.169909	0.538991	-1.85532	0.711894	0.854851	-1.16979	0.411761	0.700301	-1.42592	0.496437	1.33902	1.33902	0.818787	0.907538	-1.10188	1.14192	3.23257	2.51628	1
cg19701264	FBN3		0.431111	0.194517	0.550219	-1.81993	0.314403	0.748897	-1.33582	0.181495	0.7567744	-1.32526	0.803949	0.8976533	-1.11404	0.130049	0.6912163	-1.44683	0.714884	1.83543	1.83543	0.0204042	0.555889	-1.79892	0.0908708	0.452296	-2.20507	0.096258	1.02004	1.02004	1.14192	3.40952	2.65402	1
cg18693345	C5orf38		0.431112	0.508315	1.35081	1.35081	0.897979	0.94414	-1.05917	0.370491	0.66226	-1.50998	0.238551	1.73876	1.73876	0.727448	1.16975	1.16975	0.118527	2.13691	2.13691	0.990424	0.994637	-1.00539	0.487686	1.37157	1.37157	0.069584	2.48303	2.48303	1.14192	1.63164	2.82693	1
cg03592764	FDNLB		0.431112	0.0460998	0.500823	-1.99671	0.899789	1.03885	1.03885	0.690573	1.1287	1.1287	0.450304	1.26205	1.26205	0.167749	0.640916	-1.56027	0.574845	0.842422	-1.18705	0.763571	1.09557	1.09557	0.770679	0.915364	-1.09246	0.551608	1.1999	1.1999	1.14192	1.6556	1.28875	1
cg02479305	NUAK1		0.431113	0.281736	1.57747	1.57747	0.331546	1.47315	1.47315	0.477218	0.576874	-1.73402	0.0842001	0.80933	-1.23511	0.0892523	1.00243	1.00243	0.124014	1.63611	1.63611	0.0492727	1.22724	1.22724	0.502818	1.31928	1.31928	0.141901	1.30264	1.30264	1.14192	1.06064	0.923751	1
cg03000603	DHX34;DHX34		0.431139	0.446091	2.15123	2.15123	0.549873	0.550613	-1.81616	0.383337	2.41502	2.41502	0.382683	0.413548	-2.4181	0.804009	0.782514	-1.27793	0.160603	0.38537	-2.59537	0.972027	1.03519	1.03519	0.868683	1.17728	1.17728	0.0795174	0.146659	-6.81853	1.14186	17.5929	13.6953	1
cg13170122	MYT1L		0.431139	0.592709	0.900723	-1.11023	0.694737	1.14088	1.14088	0.229576	1.24082	1.24082	0.332115	0.824638	-1.21278	0.0842202	1.03378	1.03378	0.675018	0.94152	-1.06186	0.4703972	0.646996	1.13104	1.13104	0.035622	1.92157	1.92157	0.24052	1.38841	1.38841	0.655794	1.88702	1.12728	1.14185	1.28973	1.00401	1
cg13534826	INO80C;INO80C		0.431161	0.849951	1.10464	1.10464	0.606192	0.639857	-1.56285	0.431683	0.643346	-1.55437	?	?	?	?	?	?	0.478388	0.684744	-1.4604	0.700973	0.8164844	-1.22476	0.663351	1.25878	1.25878	0.0400614	0.287436	-3.47903	1.12591	3.82942	3.38705	1
cg09944370	ZNF667

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00467126	TIMM13	0.431521	0.872182	0.990953	-1.03418	0.510154	1.14962	1.4962	0.291507	1.25664	1.25664	1.25664	0.822387	1.04776	1.04776	0.6077588	0.654895	-1.52696	0.998498	0.999607	-1.00039	0.624858	1.10833	1.10833	0.946643	0.818871	-1.22418	0.1924	-1.33371	1.14107	0.787264	0.613274	1
cg01425054	METTL7A,METTL7A	0.431522	0.30388	0.136848	-2.9687	0.56073	0.548208	-1.82413	0.515767	0.50989	-1.96082	0.381	0.399237	-2.50478	0.0193919	0.0556516	-17.9688		0.2966994	0.33101	-3.02106	0.445032	0.451128	-2.21568	0.765509	0.73665	-1.3575	0.811967	0.783863	-2.12573	1.14107	18.8704	14.6999	1
cg06650786	NOTCH3	0.431524	0.143461	0.562714	-1.7771	0.38745	1.38264	1.38264	0.472066	1.30679	1.30673	0.6684	0.941152	-1.06253	0.132328	0.552107	-1.81124		0.9661191	1.01562	1.01562	0.318143	1.45846	1.45846	0.502895	1.28232	1.28232	0.401452	0.730455	-1.36901	1.14107	2.41743	1.88317	1
cg00028013	LDLL1	0.431524	0.774723	0.806012	-1.24067	0.179017	0.115028	-8.69356	0.327986	0.668216	-2.13576	0.751325	1.26989	1.26989	0.610017	0.679367	-1.47196		0.5877091	0.662721	-1.50893	0.689839	0.739728	-1.35185	0.428866	0.545	-1.83486	0.855944	0.872344	-1.14634	1.14106	10.2071	7.95135	1
cg08439890	LMF1	0.431526	0.759178	0.942561	-1.06094	0.032384	0.619519	-1.61416	0.17141	0.755683	-1.32331	0.390443	0.844258	-1.18447	0.308484	0.816588	-1.22461		0.238757	0.788698	-1.26791	0.953601	0.988511	-1.08106	0.387666	0.843377	-1.18571	0.966704	0.992002	-1.00806	1.14106	0.6688856	0.521042	1
cg05362227	FMO6P	0.431529	0.237036	0.523102	-1.91167	0.133969	0.379424	-2.63557	0.685764	0.783565	-1.27622	0.227057	0.13939	2.13939	0.104768	0.724754	-1.37978		0.1615758	2.45056	2.45056	0.645229	1.32045	1.32045	0.871036	0.907176	-1.10232	0.507876	0.668449	-1.496	1.14105	6.49736	5.0815	1
cg04514123	SYNGR3	0.431541	0.168306	4.23203	4.23203	0.482502	2.01659	2.01659	0.181646	4.02816	4.02816	0.107488	5.6195	5.6195	0.487239	0.499776	-2.00089		0.6993558	0.682949	-1.46424	0.426601	0.450361	-2.22044	0.734019	0.715236	-1.39814	0.93507	0.923055	-1.08336	1.14103	17.4504	13.5943	1
cg21668987	CTRB1	0.431543	0.684631	0.875377	-1.14249	0.915357	0.964235	-1.03709	0.113419	0.553198	-1.80767	0.477672	1.28059	1.28059	0.671886	0.502436	-1.99034		0.299716	0.602001	-1.66109	0.907018	0.786106	-1.28188	0.693662	1.14524	1.14524	0.14033	2.12071	1.65209	1
cg24673221	HERC2	0.431544	0.571422	1.22755	1.22755	0.543953	0.14839	-2.34394	0.0363764	0.618095	2.3918	0.592801	0.824065	2.2135	0.443925	0.758351	-1.31865		0.4060552	0.73759	-1.35577	0.289106	0.48358	-2.06918	0.858191	0.983179	-1.01897	0.835595	0.92693	-1.07883	1.14102	2.32217	1.80903	1
cg22366375	LGI2	0.431554	0.154773	1.79974	1.79974	0.0977811	2.01564	2.01564	0.740688	0.879718	-1.13673	0.885577	1.05713	1.05713	0.192216	1.70342	1.70342		0.421356	1.37295	1.37295	0.631503	1.20498	1.20498	0.936426	0.969686	-1.03126	0.0978441	2.01533	2.01533	1.141	2.69074	2.09619	1
cg19802865	FOXA1	0.431554	0.277021	0.676167	-1.47899	0.0347	0.2574	-3.88414	0.0774	0.215886	0.59129	-1.69122	0.647134	0.7742	0.479078	-2.29186	0.349551	0.7742	-1.29153	0.755552	1.11619	-1.11619	0.27044	0.672246	-1.48755	0.496917	1.33962	1.26962	0.164255	1.67136	1.67136	1.141	2.16455	1.68628	1
cg04001556	DOK6	0.431556	0.643631	0.588155	-1.70023	0.894875	0.880601	-1.16238	0.744071	0.688649	-1.45212	0.642221	0.569735	-1.7552	0.80518	0.754776	-1.3249		0.579416	0.52828	-1.89294	0.208232	0.54293	0.543981	0.211524	0.206353	4.61557	0.161525	23.3202	15.6193	1
cg23604520	ZNRD1;NCRNA00171;ZNRD1	0.431557	0.356345	1.35155	1.30155	0.881127	0.959281	-1.43245	0.787243	1.35823	1.35823	0.395595	0.784468	-1.22478	0.683952	0.587549	-1.70199		0.729263	1.10135	1.10135	0.983952	0.780353	-1.28147	0.896837	1.15052	1.35052	0.827601	0.941207	-1.06247	1.141	1.3947	1.08654	1
cg23745864	C18orf22	0.431558	0.553766	1.55154	1.55154	0.0813308	4.1244	4.1244	0.0555588	4.96762	4.96762	0.482334	1.68816	1.68816	0.650909	0.716015	-1.39662		0.833375	0.856854	-1.16706	0.817352	0.843961	-1.18489	0.515183	1.62244	1.62244	0.867597	0.884667	-1.13057	1.141	9.17198	7.57076	1
cg07034660	AMPH;AMPH	0.431569	0.374604	0.840151	-1.19026	0.213108	0.778139	-1.28479	0.515465	0.881606	-1.13429	0.705521	0.88166	-1.13429	0.705521	0.77625	-1.29047		0.496479	1.14106	1.14106	0.154656	0.247928	2.5968	0.112968	0.159603	6.00065	0.0904555	0.514224	1
cg18543306	GIN2	0.431572	0.679325	1.12119	1.12119	0.547298	0.838571	-1.19236	0.570555	1.16894	1.1694	0.0259602	0.485981	1.25766	0.623178	0.573534	-1.74406		0.502951	0.83062	-1.20392	0.608691	0.868525	-1.15138	0.925234	1.05095	1.029415	0.74461	-1.34299	1.0497	1.34669	1.04916	1
cg27574168	WDR7;WDR7;WDR7;WDR7	0.431572	0.252069	0.86072	-1.16182	0.289709	1.1477	1.1477	0.0832298	1.27176	1.27176	0.729067	0.957348	-1.04655	0.528857	1.08327	1.08327		0.857592	0.977735	-1.02277	0.281188	0.869003	-1.15074	0.473224	0.912608	-1.09576	0.89211	0.983132	-1.01716	1.14097	0.2839972	0.221233	1
cg22715760	ELL3;ELL3	0.431158	0.909099	0.921188	-1.08555	0.579332	1.50104	1.50104	0.0243148	0.68849	0.68849	0.762578	0.804313	-1.2433	0.699597	0.727468	-1.37463		0.373131	0.518331	-1.92927	0.843851	0.867814	-1.15232	0.795818	1.20488	1.20488	0.744241	1.26527	1.26527	1.14095	9.33479	7.27253	1
cg19489111	RGMMTD2;RGMMTD2;MTTP;RGMMTD2	0.431582	0.370503	1.55673	1.55673	0.451732	1.44629	1.44629	0.33175	1.61921	1.61921	0.559983	0.75302	-1.32799	0.491389	1.39985	1.39985		0.647027	0.801005	-1.24843	0.076075	0.386735	-2.58575	0.459026	0.695685	-1.43743	0.375773	0.645663	-1.5488	1.14095	4.18556	3.26088	1
cg20006932	C7orf50;C7orf50;C7orf50	0.431582	0.605415	1.11508	1.11508	0.731054	0.792674	-1.08576	0.163629	0.696066	-1.43535	0.709415	0.908043	-1.07754	0.310669	0.908043	-1.10164		0.29513	0.768209	-1.3027	0.308582	0.129201	1.29201	0.364471	1.25427	1.25427	0.933647	0.97996	-1.02045	1.14095	1.06799	0.83205	1
cg12223985	KCNQ1;KCNQ1	0.431586	0.309025	0.678071	-1.47477	0.281423	0.5115	1.5115	0.343626	1.43334	1.43334	0.325848	0.687734	-1.45405	0.101183	0.516401	-1.93648		0.659063	0.84887	-1.17804	0.83523	0.708989	0.785806	0.904366	-1.10575	0.242584	0.63681	-1.57033	1.14094	2.46067	1.91707	1
cg04870732	TMEM225	0.431588	0.740391	0.906168	-1.10355	0.137777	0.622769	-1.60573	0.521273	0.824776	-1.21245	0.973052	1.01006	1.01006	0.907897	0.966287	-1.03489		0.196003	0.666861	-1.49956	0.12493	1.6359	1.6359	0.845635	1.05946	1.05946	0.232852	0.690248	-1.44875	1.14093	1.58667	1.23616	1
cg22236073	RS;RNF185;RNF185	0.431589	0.946624	0.988624	-1.01151	0.943087	1.01228	1.01228	0.534379	1.11353	1.11353	0.719988	1.06344	1.06344	0.980758	0.957707	-1.04416		0.026202	1.56942	1.56942	0.424109	1.1497	1.1497	0.469439	0.88182	-1.13402	0.32558	1.18941	1.18941	0.143093	0.52768	0.411111	1
cg04745201	CCSCE3SP;MMACHC	0.431595	0.467472	1.09407	1.09407	0.662256	1.5021	1.5021	0.0229553	11.107	11.107	0.707442	1.33773	1.33773	0.503149	0.843837	-1.18533	0.144686	0.761266	0.73547	-1.3837	0.144686	0.54698	0.144686	2.48035	2.48091	0.726016	1.3907	1.82587	12.3776	4
cg14113010	GNB2L1;SNORD95	0.431608	0.108918	0.523088	-1.91172	0.556681	1.2465	1.2465	0.433809	1.3445	1.3445	0.258764	0.646151	-1.54763	0.510429	0.780792	-1.28075		0.267862	0.651949	-1.53386	0.681687	1.05675	1.05675	0.911484	1.04208	1.04208	0.225852	1.60223	1.60223	1.14089	2.48233	1.93402	1
cg04265210	MCMBP;MCMBP;MCM8;MCM8;TRMT6	0.431609	0.598788	0.911798	-1.09673	0.140362	1.31767	1.31767	0.382374	1.16859	1.16859	0.926007	0.79258	-1.26178	0.804313	-1.2433	0.699547		0.074243	0.707551	-1.41333	0.659758	0.923541	-1.08301	0.675039	0.929294	-1.07609	0.419628	1.1542	1.1542	1.1489	0.54653	0.425812	1
cg04018533	C1	0.431612	0.726808	0.899933	-1.11119	0.163919	1.56662	1.56662	0.22888	1.46166	1.46166	0.834574	1.06488	1.06488	0.264727	0.705104	-1.41823		0.893632	1.04103	1.04103	0.242657	1.44418	1.44418	0.790387	0.923043	-1.08337	0.199991	0.665667	-1.50225	1.14088	1.63265	1.27204	1
cg03511749	DCHS2;DCHS2;DCHS2;DCHS2	0.431614	0.609243	1.15836	1.15836	0.470113	0.983048	0.983048	0.78566	-1.2778	0.78566	0.166369	0.69696	-1.43535	0.709413	0.908043	-1.10164		0.2953	0.768209	-1.3027	0.308582	0.129201	1.29201	0.364471	1.25427	1.25427	0.933647	0.97996	-1.02045	1.14095	1.06799	0.83205	1
cg24908603	FOXF1	0.431618	0.0455705	11.6543	11.6543	0.252167	0.277697	-3.60112	0.726375	0.686382	-1.45691	0.989096	1.01475	1.01475	0.176516	0.679701	-1.47124		0.773184	0.733794	-1.36278	0.471348	0.545213	-2.19196	0.401054	2.51554	2.51554	0.52149	2.00564	2.00564	1.14087	20.7298	16.1512	1
cg02123128	MATR3;MATR3	0.431622	0.621153	1.14054	1.14054	0.0855871	2.236	2.236	0.0172671	3.08021	3.08021	0.887329	0.962386	1.03854	0.58255	0.862336	-1.16004		0.761266	0.751547	-1.33073	0.554904	0.749734	1.79739	0.107163	0.887289	1.12675	1.70236	1.70236	1.14087	1.05951	0.0981	0.0981	1
cg16907344	SPEN;FLJ37453	0.431629	0.497829	1.27189	1.27189	0.877899	0.947693	-1.05519	0.47171	1.29153	1.29153	0.630152	0.844051	-1.18476	0.449331	1.30918	1.30918		0.282265	1.47766	1.47766	0.231858	0.645206	-1.54989	0.0846036	1.94753	1.94753	0.240513	1.53635	1.53635	1.14085	2.20643	1.71913	1
cg16444942	SLC15A4	0.431633	0.785146	0.931946	-1.07302	0.58508	1.1581	1.15281	0.86222	1.63054	1.63054	0.920807	1.02622	1.02622	0.498215	1.19404	1.19404		0.125431	1.53379	1.53379	0.220749	0.717466	-1.3938	0.604058	0.872581	-1.14603	0.903898	1.03164	1.03164	1.14085	1.20194	0.93649	1
cg00796164	ZIM3	0.431633	0.682357	1.09354	1.09354	0.558412	0.558412	1.79079	0.23611	1.84683	1.84683	1.79079	0.937012	1.06702	0.815796	1.22539	1.22539	0.746285	0.729784	1.37048	1.37048	0.0462217	0.729784	1.37048	1.25104	1.25104	0.934645	0.650542	-1.53718	1.14084	1.37358	2.62853	1
cg15085427	AIID2	0.431638	0.073513	0.618173	-1.61767	0.79583	1.0645	1.0645	0.451007	0.830999	-1.20337	0.679476	1.10534	1.10534	0.193808	0.717906	1.39294		0.31109	0.776756	-1.28741	0.12048	0.666325	-1.50079	0.799061	1.06342	1.06342	0.915273	0.974673	-1.02599	1.14083	1.04991	0.818048	1
cg08240691	GLCCI1	0.431645	0.646732	1.07905	1.07905	0.677229	0.774411	1.29153	0.0144411	1.33663	1.33663	1.14079	0.747605	1.33764	0.502382	0.858644	-1.16463		0.0470109	2.13005	2.13005	0.0144411	1.49206	1.49206	0.606284	0.858651	-1.16527	0.476627	0.817001	2.22399	1.14081	1.40921	1.10803	1
cg01110797	LOC221710	0.431656	0.0696898	0.551207	-1.8142	0.900629	0.963985	-1.03736	0.349251	1.32701	1.32701	0.143081	1.60541	1.60541	0.140127	1.22023	1.22023		0.890295	0.960288	-1.04135	0.810645	0.932504	-1.05235	0.467032	1.24273	1.24273	1.14079	1.55765	1.2137	1
cg21412928	DHX16;DHX16	0.431656	0.821258	0.973499	-1.02722	0.924994	1.01124	1.01124	0.6139	0.947844	-1.05503	0.254948	0.868424	-1.15151	0.776989	0.96587	-1.03428		0.97428	1.00383	1.00383	0.0328002	0.7435	-1.34499	0.33588	1.125	1.125	0.640227	1.05746	1.05746	1.14079	0.254529	0.193825	1
cg02643796	CLCN5;CLCN5;CLCN5;CLCN5	0.431659	0.154141	0.0660899	-15.1309	0.842042	0.965404	-1.0358	0.849528	1.40247	1.40247	0.165496	13.9313	13.9313	0.208681	11.0995	11.0995		0.249078	0.117021	-8.54548	0.43953	0.158542	6.30615	0.0196453	0.0134667	-1.57543	0.147627	0.807003	-2.48259	1.14078	57.2685	44.6463	1
cg08850720	FGGY;FGGY	0.431681	0.168209	0.57244	-1.74691	0.526445	0.783629	-1.27611	0.0907879	0.492736	-2.02948	0.417823	0.730142	-1.3696	0.309048	0.670379	-1.49169		0.268967	0.645749	-1.54859	0.730579	1.14033	1.14033	0.711964	0.961457	-1.04009	0.0884092	0.489149	-2.04437	1.14074	2.60712	2.03152	1
cg00035826	CACNA1C;CACNA1I	0.431681	0.600097	1.12604	1.12604	0.638424	0.616969	-1.62102	0.8402	1.3702	1.3702	0.288944	0.40497	2.46973	0.0731133	0.546004	-1.83148		0.2008	0.59338	-1.68537	0.0732423	0.274572	3.64179	0.0126975	0.0170863	-1.83794	0.0578863	0.113451	3.14483	1.14073	2.38107	1.85357	1
cg01973771	SLC39A3;SLC39A3	0.431687	0.911592	0.984918	-1.01531	0.295536	0.862071	-1.16	0.870777	0.977972	-1.02252	0.0517462	1.35376	1.35376	0.28768	1.16304	1.16304		0.378389	0.883686	-1.13162	0.992834	0.998772	-1.00123	0.834088	0.97171	-1.02911	0.435708	1.11495	1.11495	1.14073	0.238039	0.263542	1
cg16320277	FHL2;FHL2;FHL2;FHL2	0.431687	0.106514	0.812855	-2.05042	0.73181	1.23299	1.23299	0.807229	1.1269	1.1269	0.509005	0.672548	-1.48729	0.0313	0.515894	-1.93883		0.458224	0.619377	-1.61463	0.0429956	0.160203	6.24197	0.0159408	0.0190035	-1.96985	0.04073	0.634471	4.93199	1
cg07613531	SPTBN1;SPTBN1	0.431693	0.567963	1.29992	1.29992	0.788742	1.1288	1.1288	0.232552	1.56355	1.56355	0.749744	1.15654	1.15654	0.0603182	2.61504	2.61504		0.965131	0.98033	-1.02006	0.741264	1.1625	1.1625	0.586288	1.02308	1.02308	0.218178	0.551145	1.81441	1.14072	3.73104	2.90737	1
cg02740658	SOCS5;SOCS5	0.431701	?	?	?	0.54596	0.712367	-1.40377	0.379185	0.604604	-1.65397	0.420048	1.58217	1.58217	?	?	?		0.169673	0.437253	-2.28701	0.623365	0.760096	-1.31562	0.135267	0.400705	-2.4956	0.213517	0.478262	-2.09091	1.17099	4.19541	3.07097	1
cg17138308	IFFO1;IFFO1	0.431704	0.690392	1.0756	1.0756	0.0201226	1.2785	1.2785	0.583803	1.13268	1.13268	0.0894	1.16941	1.16941	0.0948116	1.3968	1.3968		0.529026	1.89041	1.89041	0.1238	0.554288	1.80434	0.0158579	0.0455708	-2.19705	0.0327755	0.0598579	4.66444	1.14071	1.02861	0.7487	1
cg06308972	PLS3;PLS3	0.431705	0.697814	1.23517	1.23517	0.795151	1.866421	-1.15417	0.837365	0.894708	-1.11768	0.0790111	0.347948	-2.874	0.119917	0.40121	-2.49246		0.224437	0.99524	1.99524	0.658692	0.786131	-1.27205	0.923759	1.05318	1.05318	0.63598	1.29446	1.29446	1.14069	1.29364	4.12509	1
cg12998599	SEMA3A OPRM1;OPRM1;OPRM1;OPRM1;OPRM1 1;OPRM1;OPRM1;OPRM1;OPRM1;OPR M1;OPRM1;OPRM1;OPRM1;OPRM1;O	0.431771	0.323109	0.873937	-1.14425	0.184253	1.20437	1.20437	0.320728	0.873318	-1.14506	0.480363	0.909633	-1.09934	0.998689	0.999783	-1.00022		0.286932	1.15718	1.15718	0.94981	0.991724	-1.00835	0.805718	0.967989	-1.03307	0.106852	0.792607	-1.26166	1.14068	0.3149911	0.245398	1
cg06649410	PR	0.431716	0.435217	1.17603	1.17603	0.352121	1.21534	1.21534	0.0612306	1.53662	1.53662	0.44858	1.17033	1.17033	0.401676	1.19103	1.19103		0.818668	0.954306	-1.04788	0.29361	0.801009	-1.24843	0.315537	1.23536	1.23536	0.280213	1.25687	1.25687	1.14067	0.749405	0.583988	1
cg26968814	TPM4;TPM4	0.431717	0.227918	0.660136	-1.51464	0.214232	1.51587	1.51587	0.958846	1.01716	1.01716	0.508841	1.25134	1.25134	0.138863	0.592087	-1.6867		0.924783	1.03147	1.03147	0.240761	1.64662	-1.46056	0.855617	1.06337	1.06337	0.249516	0.673732	-1.48427	1.14067	1.0451	1.51592	1
cg00512709	SNX16;SNX16;SNX16	0.431723	0.429233	0.878186	-1.13871	0.0999365	0.748126	-1.33667	0.978358	0.995641	-1.00438	0.799727	0.995641	-1.00438	0.799727	0.995641	-1.00438		0.134172	1.29693	1.29693	0.442308	1.1344	1.1344	0.964884	1.00751	1.00751	0.290073	1.19333	1.19333	1.14066	0.4648089	0.364772	1
cg02354563	SLC9A3	0.431733	0.278915	1.94383	1.94383	0.741517	1.21583	1.21583	0.840956	0.888142	-1.12595	0.180141	2.3172	2.3172	0.39296	1.67643	1.67643		0.263471	1.99021	1.99021	0.392746	0.596361	-1.67684	0.0646525	3.40515	3.40515	0.507496	1.48732	1.48732	1.14064	6.29698	4.90719	1
cg02653315	TPM4A	0.431734	0.757982	0.909766	-1.03313	0.444471	1.12823	1.12823	0.779015	0.870906	-1.14824	0.0270654	1.30177	1.30177	0.0742536	0.768204	-1.30177		0.833434	1.02065	1.02065	0.486579	0.71002	-1.40845	0.0178566	0.97301	-1.02774	0.91262	0.770564	1.29731	1.14064	0.170174	0.132617	1
cg08696640	FOXHP;FOXHP;FOXP4	0.431742	0.146887	0.372771	-2.68261	0.852024	0.888375	-1.12565	0.852911	0.889014	-1.12484	0.870398	1.10904	1.10904	0.0365274	0.214313	-4.66606		0.339997	0.536165	-1.8651	0.35735	0.548813	-1.82211	0.227405	0.4479	-2.23264	0.64839	0.747516	-1.33776	1.14062	7.25772	5.55598	1
cg17402152	AKIRIN1;AKIRIN1	0.431744	0.401931	1.54554	1.54554	0.0990391	0.963362	-1.03826	0.725664	0.917805	-1.08972	0.0159059	1.09059	1.09059	0.0159059	0.897972	-1.0903		0.648731	0.642847	-1.55634	0.0437575	0.249933	2.93913	0.0180478	0.119286	1.19286	0.0466017	0.244152	2.72325	1.14062	0.9126	0.7488	1
cg09126636	FAM139A;FAM139A3	0.431748	0.382885	0.598943	-1.66961	0.506191	1.47166	1.47166	0.536121	0.698449	-1.43174	0.692339	1.25586	1.25586	0.0489773	0.275907	3.62441		0.386491	0.601378	-1.66285	0.175974	0.438575	-2.28011	0.372209	0.591666	-1.69014	0.42938	0.629951	-1.58743	1.1406	5.9279	4.61969	1
cg22537964	ATP4H;ATP4H;ATP4H;ATP4H;ATP4H	0.431749	0.0449602	0.542684	-1.84269	0.22678	1.40087	1.40087	0.975394	0.991841	-1.00823	0.392364	0.79234	-1.26208	0.0948305	0.965495	-1.03574		0.690584	0.899160	-1.11214	0.257062	0.730369	-1.36917	0.794305	1.07187	1.07187	0.693712	0.899541	-1.11168	1.1406	1.27465	0.993352	1
cg15840039	AR;AR	0.431756	0.260224	3.84615	3.84615	0.0154391	0.965468	-1.03609	0.0511118	0.649815	1.53856	0.0127162	0.731736	1.36706	0.0731736	0.731546	1.36706		0.447038	2.23607	2.23607	0.0154391	0.324182	-3.08439	0.0154391	0.324182	-3.06389	0.0604426	1.10251	1.10251	1.14059	11.9226	9.29162	1
cg16551669	PKD1L2	0.431763	0.312812	0.476511	-2.09859	0.0909288	0.266552	-3.75161	0.0691787	0.236078	-4.2359	0.788016	0.825842	-1.21088	0.436032	0.568811	-1.75805		0.437583	0.56994	-1.75457	0.104606	0.283805	-3.52355	0.617608	0.699519	-1.42955	0.832584	0.860453	-1.16218	1.14057	9.10622	7.0968	1
cg10444721	DENR;DENR	0.431769	0.552931	1.1854	1.1854	0.827731	1.1541	1.1541	0.944185	1.08428	1.08428	0.230513	1.22053	1.22053	0.0944185	0.819459	-1.22053		0.170875	0.194579	-5.13929	0.0439856	0.1866	5.3586	0.0439856	0.342615	2.91955	0.0439856	0.351553	2.84473	1.14057	2.09997	1.70355	1
cg19064402	CYB5D1;LSMD1;LSMD1	0.431776	0.702693	1.25021	1.25027	0.687416	1.26565	1.26565	0.167509	2.35584	2.35584	0.401566	0.606503	-1.6488	0.219084	0.471054	-2.1229		?	?	?	?	?	?	0.160963	2.34754	2.34754	0.183753	0.851809	-1.17397	0.368727	1.71207	1.71207	1.13361	5.4137	4.77563	1
cg25077868	GPR50	0.431778	0.217118	0.288745	-3.46326	0.190416	0.265428	-3.7675	0.533962	0.549057	-1.82131	0.490394	1.95452	1.95452	0.77632	0.761484	-1.31323		0.193364	0.268038	-3.73081	0.922951	1.09696	1.09696	0.186788	3.81383	3.81383	0.49352	1.94483	1.94483	1.14054	16.5293	12.8822	1
cg01080255	PAPLN	0.431781	0.243424	1.19739	1.19739	0.552391	0.5393	1.85403	0.482139	0.790634	-1.26483	0.130117	1.21214	1.21214	0.0545436	0.773524	-1.29224		0.889735	1.10421	1.10421	0.143851	0.597249	-1.67435	0.87181	1.04543	1.04543	0.973356	1.01102	1.01102	1.14054	1.94599	1.51662	1
cg03548963	CHD5	0.431784	0.770034	0.937192	-1.06702	0.34728	1.24267	1.24267	0.856204	1.04096	1.04096	0.833793	1.0476	1.0476	0.0746027	0.890933	-1.12242		0.610167	0.892451	-1.12051	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111F vs. N)	Fold-Change(111F vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 2)	Fold-Change(347T vs. 2)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 2)	Fold-Change(537T vs. 2)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg08755156	PRKAG2;PRKAG2		0.4321213	0.1053	0.604957	-1.63812	0.2428894	1.55322	1.55322	0.0737806	2.05063	2.05063	0.747572	1.080144	-1.12341	0.359402	0.712093	-1.40431			0.920274	1.03673	1.03673	0.925205	0.966771	-1.03437	0.995037	1.00224	1.00224	0.57535		
cg09762533	LSP1;LSP1;LSP1;LSP1		0.4321224	0.480142	1.32976	1.32976	0.1604558	1.81368	1.81368	0.922429	0.962064	-1.03943	0.766236	0.888354	-1.15268	0.531654	0.674207	-1.48322			0.0971901	0.485394	-2.06018	0.259793	1.59482	1.59482	0.719868	0.866756	-1.15373	0.949129	0.974983	-1.02566	1.13983	2.84623	2.21961	1
cg02688752	F2RL1		0.4321229	0.27031	4.26414	4.26414	0.218817	5.12478	5.12478	0.0759668	12.124	12.124	0.874656	1.22074	1.22074	0.363356	3.27244	3.27244			0.385807	3.07511	3.07511	0.41239	2.88323	2.88323	0.0724337	12.588	12.588	0.254821	4.49162	4.49162	1.13982	28.8188	22.4744	1
cg12380516	BEND7		0.4321233	0.755575	0.817378	-1.22342	0.776536	1.20173	1.20173	0.991526	0.991015	-1.00688	0.934706	0.906383	-1.10294	0.512129	0.873156	-1.14529			0.0235679	0.174452	-5.73225	0.8608883	0.8929303	-1.11994	0.620771	0.724344	-1.38056	1.13982	7.52811	5.87081	1
cg24099779	TRAFD1;TRAFD1		0.4321313	0.589798	0.878498	-1.13831	0.12128	0.670431	-1.49158	0.676375	0.904917	-1.10507	0.251574	0.751948	-1.32988	0.0939372	0.645101	-1.55014			0.366677	0.80194	-1.24698	0.607934	0.844124	-1.13106	0.179048	0.711963	-1.40457	0.413834	1.21997	1.21997	1.03982	1.02259	0.797473	1
cg18721406	FGF9		0.4321459	0.633857	1.06954	1.06954	0.784862	0.962386	-1.03908	0.895828	1.01852	1.01852	0.273377	0.852389	-1.17317	0.23542	1.10033	1.10033			0.897174	1.01828	1.01828	0.867072	0.976802	-1.02375	0.926589	0.987188	-1.01298	0.0370001	1.40406	1.40406	1.19078	0.354382	0.276373	1
cg10381488	SPATA5L1;SPATA5L1		0.4321548	0.235638	1.42114	1.42114	0.528586	0.83482	-1.19786	0.579896	1.17129	1.17129	0.118145	1.61572	1.61572	0.715918	0.901809	-1.10888			0.980787	1.00683	1.00683	0.110798	0.6118161	-1.63448	0.543719	0.840469	-1.18981	0.975316	1.00879	1.00879	1.13978	1.44352	1.12577	1
cg09607229	ZNF167		0.4321649	0.950784	0.992556	-1.01817	0.655709	1.1985	1.1985	0.454603	0.800777	-1.24879	0.450883	1.25117	1.25117	0.498998	0.818575	-1.22163			0.113079	1.65645	1.65645	0.1443	1.58007	1.58007	0.999011	1.00016	1.00016	0.235448	0.695797	-1.4372	1.13978	1.5359	1.10782	1
cg20844262	ZGPAT;ZGPAT;UIME1;ZGPAT		0.4321649	0.496199	1.42039	1.42039	0.3824	1.50444	1.50444	0.3867	2.38776	2.38776	0.963974	1.08068	-1.01969	0.438269	1.49417	1.49417			0.502176	1.70756	1.70756	1.4133	0.8427775	1.10613	1.10613	0.431161	1.50394	1.50394	0.0459117	1.19671	1.19671	1.37978	4.65688	3.6318	1
cg03688019	CKAP2;CKAP2		0.4321555	0.173267	1.37247	1.37247	0.0808793	1.52644	1.52644	0.233073	1.31416	1.31416	0.71356	1.08389	1.08389	0.394049	1.21016	1.21016			0.0878212	1.50933	1.50933	0.980337	0.99463	-1.0054	0.891886	0.970724	-1.03016	0.995196	0.998685	-1.00132	1.13977	0.8617099	0.672106	1
cg10094509	LOC139201;CHIC1		0.4321565	0.12661	1.60947	1.60947	0.513727	1.19033	1.19033	0.177441	1.54168	1.54168	0.817373	1.23265	1.23265	0.0196246	1.35523	1.35523			0.0103132	0.863671	1.15752	0.570018	0.7955521	1.25684	1.25684	0.0755387	1.25684	1.25684	0.0755387	1.14177	1.14177	1.13974	1.14177	0.8904071	1
cg10466987	TMMP2		0.4321618	0.282992	1.15581	1.15581	0.359077	1.13021	1.13021	0.122257	0.804612	-1.24284	0.634262	1.06419	1.06419	0.836871	1.02712	1.02712			0.669975	1.05722	1.05722	0.897678	0.983439	-1.01684	0.851477	1.28027	1.28027	0.475587	1.09874	1.09874	1.13974	0.3040134	0.237196	1
cg25601700	GLT1D1		0.4321659	0.741944	1.15721	1.15721	0.6960268	1.7015	1.7015	0.805761	1.40518	1.40518	0.686812	1.17482	1.17482	0.0561112	0.6917516	-1.4458			0.566491	2.10374	2.10374	0.156802	1.66004	1.66004	0.0158002	0.168756	-5.9257	0.455717	2.82968	2.82968	1.13974	33.8173	26.39	1
cg08018188	C7orf50;C7orf50;C7orf50		0.4321715	0.136199	0.61875	-1.61619	0.795537	1.09614	1.09614	0.0977459	0.954701	-1.04745	0.55256	0.835568	-1.19679	0.748974	0.908474	-1.10075			1.03061	1.35911	1.35911	0.0713206	1.82618	1.82618	0.556209	0.836977	-1.19478	0.824982	0.935925	-1.06846	1.13973	1.61363	1.25848	1
cg25599761	RPS9		0.4321716	0.208734	0.607597	-1.64583	0.313715	1.47958	1.47958	0.508822	0.777249	-1.28659	0.718624	1.14573	1.14573	0.292758	0.663396	-1.50739			0.813043	0.914773	-1.09317	0.0607533	0.455146	-2.19712	0.315356	0.713558	1.11358	0.45359	0.750478	-1.33248	1.13972	2.55176	1.99016	1
cg11249934	KCNQ1;KCNQ1		0.4321729	0.664509	0.851072	-1.17499	0.836403	0.92786	-1.07775	0.240718	0.635145	-1.57444	0.537552	0.934815	-1.41881	0.0419476	0.420534	-2.37804			0.395425	0.72496	-1.37939	0.142867	0.557298	-1.79437	0.656446	0.847512	-1.17992	0.172958	0.585123	-1.70904	1.13969	2.46514	1.92265	1
cg12214908	MEIS3;MEIS3		0.4321913	0.206539	0.392503	-2.54775	0.0862659	1.01216	1.01216	0.786647	1.20979	1.20979	0.299286	2.12793	2.12793	0.287131	0.460308	-2.17246			0.684669	1.33189	1.33189	0.651069	0.7264331	-1.37659	0.177474	2.73487	2.73487	0.164868	2.82942	2.82942	1.13969	8.89436	6.93707	1
cg05006302	C14orf40		0.4321918	0.874737	0.890956	-1.12483	0.0708636	4.07152	4.07152	0.0581381	4.3753	4.3753	0.273876	2.19142	2.19142	0.642452	1.88011	1.88011			0.790304	1.26927	1.26927	0.98089	1.00955	1.00955	0.77056	0.837502	-1.22324	0.463944	1.67533	1.67533	1.13968	8.56974	6.68395	1
cg25588040	GLIPR1L2		0.4322021	0.449179	0.794366	-1.34342	0.0622219	0.447721	-2.23353	0.0551338	0.495601	-2.01775	0.638078	2.205741	2.20574	0.0438255	2.205741	2.20574			0.386642	0.711973	-1.40455	0.223468	0.612985	-1.63136	0.318227	0.673738	-1.48426	0.681303	0.853784	-1.17126	1.13967	2.64503	2.06299	1
cg27287808	PLK3;PLK3		0.4322034	0.487872	1.14236	1.14236	0.220992	1.27505	1.27505	0.763253	1.05871	1.05871	0.883067	1.02818	1.02818	0.0739208	1.4567	1.4567			0.177862	0.763073	-1.31049	0.820867	0.958073	-1.04376	0.310407	1.21923	1.21923	0.924714	0.982308	-1.01801	1.13966	0.6437768	0.502111	1
cg18877969	NMUR1		0.4322049	0.163775	1.63753	1.63753	0.2553279	1.02213	1.02213	0.916254	1.40913	1.40913	0.454833	1.2703	1.2703	0.0179753	1.78241	1.78241			0.873931	0.846358	-1.18152	0.648197	1.7202	1.7202	0.7974	1.44092	1.46092	0.869161	0.841182	1.1888	1.1888	1.13966	1.88641	1.45412	1
cg06427151	SIDT1		0.4322121	0.259959	0.465178	-2.14971	0.078745	0.280379	-3.5666	0.377393	0.55437	-1.80385	0.928932	1.05982	1.05982	0.147266	0.363165	-2.75357			0.347726	0.532748	-1.87706	0.141362	0.356961	-2.80142	0.191947	0.406715	-2.45872	0.840675	0.877132	-1.14008	1.13965	7.65674	5.97199	1
cg15760345	CLEC17A		0.4322155	0.359461	1.33953	1.33953	0.2019974	0.763754	-1.30932	0.0823731	0.6514406	1.65108	0.40995	1.32642	1.32642	0.0155197	0.7373638	-1.35568			0.749818	0.940257	-1.06354	0.70568	1.10602	1.10602	0.2860911	1.2476	1.2476	0.9027887	1.02475	1.02475	0.5123738	0.8783177	1.13872	1.13965	0.7012362	0.5634919	1
cg17576266	MATR3;MATR3		0.4322216	0.497656	2.84188	2.84188	1.667713	9.5221	9.5221	0.15265	10.4145	10.4145	0.222252	7.07316	7.07316	?	?	?			0.538579	2.57061	2.57061	?	?	?	?	?	0.58128	1.429838	-2.32646	1.13048	26.7656	27.6224	1
cg00744924	FLT4;FLT4		0.4322222	0.285973	0.696666	-1.43541	0.146904	0.601827	-1.66161	0.311581	0.401701	2.46155	0.276796	2.67936	2.67936	0.0284732	2.67936	2.67936			0.934436	0.973552	-1.0272	0.618891	0.84911	-1.1777	0.364309	1.35537	1.35537	0.267441	0.686034	-1.45765	1.13963	1.92032	1.49782	1
cg11789885	LPPR2;LPPR2		0.4322224	0.403443	1.22948	1.22948	0.2019974	0.928847	-1.0766	0.724463	0.88208	1.68928	0.108724	1.85425	1.85425	0.0938166	1.56025	1.56025			0.196916	1.1945	1.1945	0.0465866	0.57068	-1.75208	0.0796766	0.42628	-2.34628	0.0498329	1.18069	1.18069	1.05381	0.8023157	0.75822	1
cg20477160	SH3BP4		0.4322226	0.160171	0.486759	-2.0544	0.29676	1.68046	1.68046	0.654607	0.805687	-1.24118	0.566113	1.32088	1.32088	0.728947	0.846272	-1.18165			0.385066	1.5331	1.5331	0.0763465	0.388268	-2.57554	0.744555	0.854813	-1.16985	0.730591	0.847171	-1.1804	1.13962	4.1553	3.24108	1
cg00929550	ARF6		0.4322226	0.358847	1.54565	1.54565	0.874936	1.04661	1.04661	0.174423	1.57359	1.57359	0.324045	1.34408	1.34408	0.140731	1.58212	1.58212			0.217245	1.4555	1.4555	0.4594861	1.24307	-1.24307	0.0817253	1.07571	1.07571	0.691045	0.890913	-1.12244	1.13962	1.50901	1.17701	1
cg09295068	GLTSCR1		0.4322228	0.853301	1.12131	1.12131	0.377251	1.75144	1.75144	0.49718	0.652865	-1.5317	0.731065	1.2379	1.2379	0.229441	0.458797	-2.17961			0.249971	0.745367	-2.10364	0.0556232	0.261428	-3.82515	0.073119	0.979525	-1.0209	0.394918	0.583349	-1.71424	1.13962	6.90602	5.3866	1
cg27001184	SGCE;PEG10;SGCE;PEG10;SGCE		0.4322236	0.791894	0.959084	-1.04266	0.212052	1.23081	1.23081	0.365102	1.15838	1.15838	0.640258	0.928338	-1.07719	0.32339	1.17485	1.17485			0.723002	1.05784	1.05784	0.0392642	1.45764	1.45764	0.699623	0.940589	-1.06316	0.474714	1.1217	1.1217	1.13962	0.45048	0.353369	1
cg12511887	CSNK1A1;CSNK1A1		0.4322239	0.2893	1.75821	1.75821	0.9608202	1.56082	1.56082	0.394032	1.64784	1.64784	0.150445	2.2183	2.2183	?	?	?			?	?	?	0.893284	0.9338819	-1.07087	0.50014	1.70492	1.70492	1.14864	1.13473	3.04038	3.13785	1
cg07735325	WWOX		0.4322256	0.710506	1.50845	1.50845	0.6600323	10.372	10.372	0.0435828	12.9151	12.9151	0.509368	2.09174	2.09174	0.0114142	0.801466	-1.24771			0.462757	2.72996	2.72996	0.600142	1.79146	1.79146	0.633074	1.69946	1.69946	0.735791	1.45269	1.45269	1.13956	2.1941	1.71147	1
cg25484545	RAMP1		0.4322259	0.637938	1.09703	1.09703	0.3370098	1.54062	1.54062	0.387386	1.97886	1.97886	0.107845	1.83445	1.83445	0.0650408	1.54681	1.54681			0.488642	1.64168	1.64168	0.0464357	1.44772	1.44772	0.0463194	1.11923	1.11923	0.4744706	1.00458	1.00458	1.13955	1.37013	0.9981144	1.13955	1.37013	0.9981144	1
cg12132731	KLHDC8A		0.4322269	0.329879	0.578281	-1.72926	0.0513763	0.34763	0.34763	0.3752	1.64173	1.64173	0.414208	0.634671	-1.57562	0.948741	1.03564	1.03564			0.452026	1.51792	1.51792	0.488216	0.681422	-1.46752	0.614335	1.31885	1.31885	0.679008	1.25441	1.25441	1.13953	1.35467	4.1769	1
cg15593298	PAQR9		0.4322271	0.240969	0.494622	-2.02174	0.374493	1.68668	1.68668	0.952529	0.966435	-1.03473	0.708207	1.22851	1.22851	0.542938	0.702468	-1.42355			0.387808	0.601929	-1.66133	0.059461	0.295221	-3.3873	0.362205	1.71498	1.71498	0.929542	1.05203	1.05203	1.13953	5.93547	4.62997	1
cg26248160	RDBD3		0.4322274	0.641502	1.29948	1.29948	0.3139	0.2019974	0.763954	0.0173933	0.76963	1.29948	0.275118	0.64001	-1.60001	0.436429	1.34031	1.34031			0.97606	1.06504	1.06504	0.814853	0.928117	-1.07733	0.569703	0.754642	1.16454	0.802049	0.833185	1.24021	1.13952	1.92018	1.25411	1
cg05587158	AIRE		0.4323	0.223292	2.86175	2.86175	2.040125	0.363985	-2.74736	0.391714	0.486232	-2.05663	0.342746	0.447899	-2.23264	0.227902	0.353452	-2.82924			0.494671	1.76794	1.76794	0.238972	2.75484	2.75484	0.645904	1.4625	1.4625	0.976199	1.02482	1.02482	1.13947	12.185	9.50544	1
cg04561327	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1		0.4323205	0.554206	1.08253	1.08253	0.2026	0.795556	-1.25608	0.397167	1.16044	1.16044	0.109466	1.78807	1.78807	0.0128261	1.66651	1.66651			0.158604	1.72564	1.72564	0.0338496	1.11252	1.11252	0.709372	0.855603	1.19181	0.83945	0.892009	1.19181	1.13945	0.5325014	0.445409	1
cg07266412	CUX1;CUX1;CUX1		0.4323231	0.485521	0.684978	-1.4599	0.0838615	0.360119	-2.77686	0.337792	1.6948	1.6948	0.663977	0.791862	-1.26285	0.911101	1.06144	1.06144			0.734687	0.833931	-1.19914	0.253236	0.528841	-1.89093	0.114235	0.399618	-2.50239	0.711402	1.21945	1.21945	1.13945	1.14384	4.01274	1
cg06562727	PGA3		0.4323231	0.982989	0.993864	-1.00617	0.6614094	0.544249	-1.83739	0.356621	0.760561	-1.31482	0.76519	1.11597	1.11597	0.346638	0.755959	-1.32282			0.892114	1.03995	1.03995	0.164218	1.5349	1.5349	0.520033	0.828411	-1.20713	0.989528	1.0038	1.0038	1.13945	1.503887	1.17317	1
cg17301015	HSPA4L;HSPA4L		0.4323232	0.154206	0.810824	-1.23356	0.0738357	1.1935	1.1935	0.312047	1.16644	1.16644	0.160462	0.780778	-1.28089	0.0796458	0.774568	-1.29107			0.158604	1.2564	1.2564	0.2295824	0.838909	-1.19181	0.139455	0.832004	-1.20169	0.0998153	1.11252	1.11252	1.13945	0.5325014	0.445409	1
cg07266412	CUX1;CUX1;CUX1		0.4323231	0.485521	0.684978	-1.4599	0.0838615	0.360119	-2.77686	0.337792	1.6948	1.6948	0.663977	0.791862	-1.26285	0.911101	1.06144	1.06144			0.734687	0.833931	-1.19914	0.253236	0.528841	-1.89093	0.114235	0.399618	-2.50239	0.711402	1.21945	1.21945	1.13945	1.14384	4.01274	1
cg06562727	PGA3		0.4323231	0.982989	0.993864	-1.00617	0.6614094	0.544249	-1.83739	0.356621	0.760561	-1.31482	0.76519	1.11597	1.11597	0.346638	0.755959	-1.32282			0.892114	1.03995	1.03995	0.164218	1.5349	1.5349	0.520033	0.828411	-1.20713	0.989528	1.0038	1.0038	1.13945	1.503887	1.17317	1
cg17301015	HSPA4L;HSPA4L		0.4323232	0.154206	0.810824	-1.23356	0.0738357	1.1935	1.1935	0.312047	1.16644	1.16644	0.160462	0.780778	-1.28089	0.0796458	0.774568	-1.29107			0.158604	1.2564	1.2564	0.2295824	0.838909	-1.19181	0.139455	0.832004	-1.20169	0.0998153	1.11252	1.11252	1.13945	0.5325014	0.445409	1
cg27469199	FAM64A		0.4323233	0.391105	1.19315	1.19315	0.195193	2.31699	2.31699	0.752992	0.938524	-1.0655	0.403723	1.18734	1.18734	0.109796	1.41955	1.41955			0.697761	1.08159	1.08159	0.0417881	0.84911	-1.1777	0.364309	1.35537	1.35537	0.267441	0.686034	-1.45765	1.13963	1.92032	1.49782	1
cg08835861	MAD1L1;MAD1L1;MAD1L1		0.4323236	0.119405	1.20934	1.20934	0.2019974	0.928847	-1.0766	0.724463	0.88208	1.68928	0.108724	1.85425	1.85425	0.0938166	1.56025	1.56025			0.196916	1.1945	1.1945	0.0465866	0.57068	-1.75208	0.0796766	0.42628	-2.34628	0.0498329	1.18069	1.18069	1.05381	0.8023157	0.75822	1
cg21127601	DLGAP2		0.4323245	0.54898	1.29824	1.29824	0.358757	2.50653	2.50653	0.0865333	2.25907	2.25907	0.637125	0.83257	-1.2011	0.853755	1.08266	1.08266			0.816824	1.904955	-1.10503	0.457217	0.721892	-1.38525	0.823875	1.1007	1.1007	0.672879	1.20056	1.20056	1.13941	3.34338	2.60827	1
cg13730015	SMS		0.4323257	0.266283	0.779059	-1.58347	0.0966196	0.814571	-1.22836	0.176857	1.19304	1.19304	0.13131	0.62025	-1.61208	0.0264668	0.674547	-1.48247			0.380653	1.11445	1.11445	0.388481	0.798594	-1.2522	0.180649	0.754266	-1.32546	0.143906	0.947895	1.05155	1.13941	1.07467	1.13941	1.05155	1.07467	1.13941	21.9116	17.0939	1
cg26712198	SEMA4C		0.4323281	0.526374	0.82936	-1.62936	0.0709783	0.02943	0.02943	0.0964219	0.45923	0.45923	0.039351	0.25452	-3.93258	0.0105758	0.495003	0.550436	0.163966		0.787708	1.22739	1.22739	0.631241	1.4445	1.4445	0.95097	1.07065	1.07065	0.818537	1.19096	1.19096	1.1394	4.09549	3.14317	1
cg00830621	RPS15A;RPS15A		0.4323332	0.0658808	0.332452	-3.00795	0.183897	0.471267	-2.12194	0.820785	0.885954	-1.12873	0.580693	0.742491	-1.34682	0.0599675	0.322219	-3.10348			0.287181	0.554451	1.80359	0.525123	0.709171	-1.4101	0.756432	0.847012	-1.18062	0.539504	0.715672	-1.39729	1.1394	5.13943	4.00946	1
cg11559192	LYRM5		0.4323356	0.806986	0.874243	-1.14401	0.5545	0.915463	-1.09245	0.229641	0.954837	1.0296	0.417664	1.56256	1.56256	0.0142127	0.64246	-1.55714			0.457376	1.53314	1.53314	0.127148	2.43273	2.43273	0.0402647	1.59258	1.59258	0.0400951	1.04091	1.04091	1.13939	1.54085	1.13935	1.54085	1.13935	1.54085	1.13935	3.67471	2.86691	1
cg05227280	SRCIN1;SRCIN1		0.4323358	0.357176	1.53317	1.53317	0.163234	0.9573	1.9573	0.338975	1.56013	1.56013	0.271727	1.67584	1.67584	0.574613	0.77421	-1.29164			0.715739	0.847859	-1.17944	0.121102	2.13513	2.13513	0.135731	2.06589	2.06589	0.931601	0.962001	-1.0395	1.13935	3.67471	2.86691	1
cg17459290	LGALS8;LGALS8;LGALS8;LGALS8		0.4323362	0.329438	0.732417	-1.36534	0.1049344	1.71594	1.71594	0.268438	1.42852	1.42852	0.187449	0.958419	-1.06562	0.775538	0.915362	-1.09254			0.793457	1.08457	1.08457	0.163494	1.70212	1.70212	0.957331	1.02527	1.02527	0.503894	0.810372	-1.2341	1.13939	1.32479	1.16477	1
cg21788501	PCSK1N		0.4323364	0.127831	1.24146	1.24146	0.373757	0.610647	-1.63761	0.334253	1.76644	1.76644	0.202679	3.19024	3.19024	0.294102	2.55825	2.55825			0.169477	2.08273	-1.53716	0.846207	0.840078	-1.19037	0.939005	1.06829	1.06829	0.857408	1.16794	1.16794	1.13934	1.43445	1.40491	1
cg07506599	PTPN12;PTPN12;PTPN12		0.4323378	0.627624	0.803382	-1.20426	0.272164	0.850657	-1.17556	0.784643	1.10978	1.10978	0.0963712	0.499477	-2.00209	0.348587	1.44319	1.44319			0.813976	0.914271	-1.09377	0.145822	0.812018	1.8208	0.342009	0.689163	-1.45104	0.421267	1.73169	-1.3667	1.13931	2.60892	2.03548	1
cg27462140	IGFJAC;IMG-IGFJ;IGFJ;IGFJ;IGFJAC;IGFJ		0.4323383	0.595726	1.78605	1.78605	0.4206788	0.627157	-1.2555	0.34106	0.747421	0.865065	0.11599	0.603683	1.65755	0.0139582	0.656768	-1.52232			0.442345	0.701904	-1.42477	0.0514553	0.382733	-2.61261	0.0139722	0.314055	1.42951	0.324426	1.57805	1.57805	1.13931	1.82492	1.4292	1
cg00012920	FIB1		0.4323389	0.699157	1.06568	1.06568	0.722377	1.26863	1.26863	0.328087	0.847579	-1.17983	0.200476	1.24798	1.24798	0.316197	0.843867	-1.18502			0.71579	1.06173	1.06173	0.165639	1.27408	1.27408	0.556621	0.907191	-1.1023	0.591355	1.09284	1.09284	1.13928	0.484239	0.377811	1
cg18261836	NPTN;NPTN;NPTN;NPTN		0.4323392	0.623112	1.3653	1.3653	0.628996	1.33803	1.33803	0.593801	0.712838	-1.40284	0.810665	1.16284	1.16284	0.354003	1.18536	1.18536			0.857448	1.11966	1.11966	0.917847	1.11966	1.11966	0.917847	1.11966	1.11966	0.917847	1.11966	1.11966	1.13928	1.42862	1.19328	1.13928	1.42862	1.19328	1.13928	1.42862	1.19328

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02114786	PTTG1IP;PTTG1IP	0.43279	0.578007	0.691095	-1.09879	0.276672	1.20886	1.20886	1.24086	0.4607	1.13417	1.13417	0.804859	0.959352	-1.04237	0.767717	1.05091	1.05091	0.353991	1.17335	1.17335	0.863471	0.705011	-1.41842	0.691679	1.0691	1.0691	0.311741	1.19176	1.13846	0.5067	0.395622	1
cg14103123	RALGDS	0.43292	0.146336	0.367199	-2.72332	0.840655	1.13808	1.13808	0.816788	0.861476	-1.1608	0.41972	0.596078	-1.6751	0.051332	0.24037	-4.16025		0.576031	0.695595	-1.43762	0.723966	0.79626	-1.25587	0.126794	0.346065	-2.88063	0.289717	0.493585	-2.026	1.13846	7.4435	5.81177	1
cg03533312	UCKL1	0.4328	0.760701	0.823193	-1.21478	0.38598	1.76133	1.76133	0.748443	1.22745	1.22745	0.457637	1.61892	1.61892	0.198741	0.421049	-2.37502		0.189756	0.412858	-2.42214	0.244018	0.460084	-2.17355	0.550804	1.46878	1.46878	0.180487	0.404219	-2.47391	1.13846	7.31471	5.7113	1
cg23707032	USP35	0.43284	0.73204	1.12482	1.12482	0.194008	0.624842	-1.60091	0.143911	0.584323	-1.71138	0.336237	0.40199	-2.48599	0.427118	1.3198	1.3198		0.628864	1.18134	1.18134	0.201416	1.58575	1.58575	0.426315	1.32046	1.32046	0.764099	1.10819	1.10819	1.13846	2.11148	1.64868	1
cg23181170	GABRP	0.43285	0.49173	0.887916	-1.12623	0.36051	0.852123	-1.17354	0.769047	0.951114	-1.0514	0.161422	0.775247	-1.28991	0.854606	1.03172	1.03172		0.578877	1.10014	1.10014	0.880483	1.02594	1.02594	0.185177	0.78552	-1.27304	0.118641	1.33424	1.33424	1.13846	0.532472	0.407955	1
cg03443085	LOC139524	0.43286	0.31237	0.498017	-2.00796	0.0813277	0.275571	-3.63282	0.0946899	0.293681	-3.40494	0.894415	0.915232	-1.09262	0.497031	0.631284	-1.58407		0.82639	0.863698	-1.15781	0.239364	0.439594	-2.27483	0.304945	0.492304	-2.03126	0.527779	1.53225	1.53225	1.13846	8.02291	6.26444	1
cg04092231	RSX	0.43282	0.188221	0.417744	-2.42869	0.786503	0.941324	-1.1886	0.52258	0.662057	-1.51044	0.415644	0.588904	-1.69807	0.0766094	0.285517	-3.50241		0.7634453	0.285126	-3.50723	0.406994	0.58285	-1.71571	0.188687	0.412174	-2.42636	0.951528	0.962051	-1.03945	1.38439	7.30231	5.70184	1
cg02225177	ANKRD11	0.43282	0.238455	0.77945	-1.3202	0.363644	1.21451	1.21451	0.838861	0.804984	-1.11184	0.737941	0.92707	-1.07924	0.143305	0.701985	-1.42453		0.441808	0.838274	-1.19259	0.994887	0.6416312	-1.55141	0.643128	1.12384	1.12384	0.303912	0.786731	-1.27108	1.13839	0.912555	0.712548	1
cg06562406	LPHN3 ZMYM3;ZMYM3;BCYRN1;ZMYM3;ZMY	0.43284	0.345697	1.43006	1.43006	0.703698	0.868706	-1.15114	0.9955884	1.00199	1.00199	0.0413117	2.34904	2.34904	0.440917	0.794858	-1.33572		0.232174	1.5865	1.5865	0.581857	1.22735	1.22735	0.288236	1.48761	1.48761	0.669174	1.17154	1.17154	1.24616	1.91004	1
cg16723510	M3	0.43287	0.30193	0.4099	-2.43962	0.146347	0.272464	-3.67021	0.857356	0.860677	-1.16188	0.111005	0.42516	4.25416	0.523214	1.71522	1.71522		0.221691	0.342622	-2.91867	0.625712	0.663697	-1.50671	0.980836	1.02023	1.02023	0.973762	0.972946	-1.02781	1.13838	12.5378	9.78996	1
cg07743799	FAM113A;VPS16;VPS16	0.43283	?	?	?	0.600824	1.41856	1.41856	0.772803	1.21124	1.21124	0.174258	0.383964	-2.60441	0.99918	1.00068	1.00068		0.07705029	0.271975	-3.67682	?	?	?	0.539396	1.50912	1.50912	0.742865	1.24362	1.24362	1.1223	0.60404	6.1751	1
cg26218602	BCL7A;BCL7A	0.43285	0.371271	0.757291	-1.3205	0.218944	1.47924	1.47924	0.0466616	1.99822	1.99822	0.98369	1.00659	1.00659	0.535607	0.829585	-1.20521		0.796018	1.08122	1.08122	0.469435	1.24066	1.24066	0.451535	1.23803	1.23803	0.158307	1.65332	1.65332	1.29999	1		
cg18720726	RGS12;RGS12;RGS12	0.43284	0.319038	0.771776	-1.29571	0.717933	0.912784	-1.09555	0.761973	1.07942	1.07942	0.7209	0.913707	-1.09444	0.56427	0.863622	-1.15791		0.357506	1.26874	1.26874	0.0358454	1.84834	1.84834	0.933461	1.02123	1.02123	0.616484	1.13545	1.13545	1.13835	1.14098	0.89094	1
cg01835766	C20orf43	0.43285	0.523731	0.633805	-1.57777	0.39755	1.8555	1.8555	?	?	?	?	?	?	?	?	?		?	?	?	?	0.182724	2.86338	2.86338	?	?	?	0.657222	0.731434	-1.36718	1.09726	3.54729	2.96285	1
cg05715167	AGAP1;AGAP1	0.43285	0.245998	0.705959	-1.41564	0.314341	1.53131	1.53131	0.0907233	0.964878	-1.0364	0.681563	1.8885522	-1.12546	0.90172	0.964078	-1.03705		0.220572	0.691458	-1.44622	0.43201	0.794746	-1.25826	0.203628	1.64873	1.64873	0.820894	0.937103	-1.06712	1.13833	1.47959	1.15537	1
cg00644011	NOV NUDT3;NUDT1;NUDT1;NUDT1;NUDT1;NUDT1;	0.43285	0.373016	0.675711	-1.47992	0.666037	0.830177	-1.20456	0.0670126	0.41479	-2.41086	0.486987	1.35353	1.35353	0.645587	1.21956	1.21956		0.823936	0.908908	-1.10022	0.131916	2.00773	2.00773	0.962782	1.0202	1.0202	0.856627	1.0806	1.0806	1.13832	3.31219	2.5864	1
cg17467898	NUDT1;NUDT1	0.43287	0.75475	0.863266	-1.15839	0.3832	0.65733	-1.52131	0.196823	0.527158	-1.89696	0.296585	0.601825	-1.66161	0.526792	0.740153	-1.35107		0.386007	1.51737	1.51737	0.36331	1.02182	1.02182	0.152009	2.05453	2.05453	0.213058	0.540484	-1.85019	1.13832	3.96904	3.09933	1
cg05324982	HS3ST3B1	0.43285	0.559002	0.912703	-1.09565	0.664493	0.934767	-1.06979	0.56321	1.09455	1.09455	0.697131	0.941367	-1.06228	0.34482	1.16232	1.16232		0.860647	1.02754	1.02754	0.78926	1.04228	1.04228	0.0955642	1.32715	1.32715	0.0633663	1.3805	1.3805	1.13832	0.4308817	0.336416	1
cg19359218	TRIM26	0.43282	0.653405	0.919123	-1.08764	0.559321	1.12365	1.12365	0.340982	0.98531	-1.01491	0.822527	0.980746	-1.01963	0.995663	0.999104	-1.00109		0.0209374	0.598854	-1.66986	0.454447	1.16449	1.16449	0.407279	1.18462	1.18462	0.629588	1.102	1.102	1.13831	0.7203137	0.562343	1
cg05840289	ANKRD33B	0.43282	0.573143	0.26281	2.16281	0.502577	0.397742	-2.51419	0.166724	0.135653	-7.37176	0.701926	0.68379	0.664917	1.80485	1.80485			0.203748	0.162422	-6.1568	0.237587	4.68225	0.147875	0.12202	-8.1954	0.731741	1.59402	1.59402	1.1383	33.0985	25.8463	1
cg08530000	RAB11FIP5	0.43284	0.651204	1.17021	1.17021	0.0809294	0.61819	-1.61756	0.0466616	1.99822	1.99822	0.98369	1.00659	1.00659	0.535607	0.829585	-1.20521		0.764638	0.861285	-1.16106	0.469435	1.24066	1.24066	0.451535	1.23803	1.23803	0.158307	1.65332	1.65332	1.29999	1		
cg23621779	NRM	0.43284	0.397807	1.1433	1.1433	0.248435	1.20518	1.20518	0.294888	0.84532	-1.18298	0.728101	1.05547	1.05547	0.244359	1.20731	1.20731		0.502583	0.900098	-1.11099	0.151924	0.788644	-1.268	0.353954	1.15896	1.15896	0.777421	1.04481	1.04481	1.13829	0.431376	0.336861	1
cg21745873	FOXI3	0.43285	0.176968	2.00632	2.00632	0.0472556	3.08046	1.00846	0.232415	1.83601	1.83601	0.59318	1.29905	1.29905	0.262963	1.6873	1.6873		0.913729	0.948779	-1.05399	0.152413	2.10377	2.10377	0.657502	1.24172	1.24172	0.810753	1.12343	1.12343	1.13829	4.24388	3.31405	1
cg00622552	ODF3L1;ODF3L1	0.43285	0.60908	1.20984	1.20984	0.207082	1.07295	1.63459	0.0422122	1.07135	1.07135	0.613906	1.19386	1.19386	0.0927541	1.28455	1.28455		0.162022	1.73562	1.73562	0.281756	0.6615569	1.51156	0.150788	1.86155	1.86155	0.354628	1.42116	1.42116	1.29587	4.59269	3.54283	1
cg13439531	EPHB6	0.43287	0.29179	0.261223	-3.82815	0.444805	0.665743	-1.50208	0.558287	0.734029	-1.36234	0.578502	0.745926	-1.34061	0.737376	1.19218	1.19218		0.373617	1.61128	1.61128	0.608213	1.31004	1.31004	0.843355	0.901825	-1.10886	0.714126	0.825171	-1.21187	1.13828	4.91804	3.84053	1
cg07480098	PNP;TB	0.43283	0.36961	2.75492	2.75492	0.073532	1.03116	1.03116	0.638656	0.639556	-1.56334	0.441702	0.263676	2.36976	0.0492312	2.68374	2.68374		0.064948	0.102346	-9.77077	0.0176788	0.205388	4.86883	0.0427884	0.100059	10.0092	0.102932	0.099572	10.0043	1.13827	21.8062	17.0288	1
cg08075239	FU238834	0.4294	0.667955	1.1702	1.1702	0.450371	0.75569	-1.32329	0.130499	0.551421	-1.81348	0.563421	1.23707	1.23707	0.708188	0.873187	1.14523		0.08348391	1.497695	-2.00926	0.401665	0.731518	-1.36702	0.799697	0.911552	-1.09703	0.140188	0.561008	-1.78251	1.13815	7.39125	1.86755	1
cg00538247	CAMTA1	0.43296	0.638473	0.774318	-1.29146	0.597078	0.749517	-1.33419	0.822682	0.885758	-1.12898	0.582205	1.35029	1.35029	0.560875	0.727735	-1.37413		0.31895	1.74489	1.74489	0.0284712	0.247239	-4.04467	0.871254	1.09162	1.09162	0.643767	0.777487	-1.2862	1.13814	5.26566	4.11249	1
cg12178431	FGD5	0.43296	0.547264	1.31234	1.31234	0.0966377	1.77	1.89777	0.133829	0.844833	-2.07112	0.464909	1.41136	1.41136	0.0759984	1.42745	1.42745		0.852909	0.920506	-1.08626	0.45735	1.14075	1.14075	0.157994	1.31613	1.31613	0.167307	1.23554	1.23554	1.13814	0.7203151	0.562343	1
cg08287211	INPP5A	0.43292	0.997727	1.00145	1.00145	0.67148	1.24296	1.24296	0.48932	1.42983	1.42983	0.0292109	0.269831	-3.70603	0.373113	0.627414	-1.59384		0.823109	0.89094	-1.12241	0.528849	1.38441	1.38441	0.658457	1.25448	1.25448	0.804627	0.881301	-1.13469	1.13813	4.68516	3.65916	1
cg17351085	RAB3IL1	0.43295	0.0593773	0.5	0.5	0.0124551	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.849861	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg03280245	RTN4RL2	0.43298	0.418191	0.735936	-1.35881	0.955412	0.97949	-1.02094	0.0802768	0.487164	-2.0527	0.340662	0.694931	-1.43899	0.524965	0.787601	-1.26968		0.227985	0.625622	-1.59841	0.56942	1.23751	1.23751	0.281137	1.51464	1.51464	0.31964	0.683063	-1.46399	1.13809	2.47606	1.93389	1
cg02808829	ROM01;NRF51	0.43293	0.242755	0.814086	-1.22837	0.367993	1.16835	1.16835	0.102417	0.753192	-1.32768	0.572646	0.908536	-1.10057	0.902972	0.908122	0.808194		0.925013	0.984284	-1.01597	0.536617	0.900067	-1.11103	0.893908	0.729685	-1.37045	0.893007	0.977612	-1.0229	1.13809	0.510314	0.398573	1
cg15104723	RCOR1	0.43294	0.442971	0.64245	-1.55677	0.280818	0.720711	-1.38783	0.0208308	0.787549	1.04477	1.04477	0.661553	0.992941	1.00715	1.00715	0.613906		0.173475	0.401134	-2.4482	0.704479	0.640084	-1.56273	0.0972595	-1.09028	0.181933	1.25826	1.25826	1.13809	0.473802	0.370127	1		
cg07549630	NEDD1;NEDD1;NEDD1;NEDD1	0.43296	0.930903	0.982388	-1.01793	0.86801	1.03496	1.03496	0.804979	0.950576	-1.05199	0.685827	0.920052	-1.08689	0.0704758	0.660859	-1.51318		0.862353	0.965068	-1.0362	0.0480512	0.629392	-1.58883	0.279887	0.794411	-1.25879	0.983599	1.00422	1.00422	1.13808	0.756675	0.590996	1
cg27180563	RAD23A	0.43293	0.583808	1.15473	1.15473	0.240405	1.08671	1.36671	0.368488	1.27091	1.27091	0.0499329	0.82733	1.21764	0.900143	-1.09994			0.747654	1.08738	1.08738	0.472504	1.32088	1.32088	0.422113	0.593469	-1.68501	0.187881	1.72645	1.72645	1.13808	2.1387	0.848091	1
cg05476564	RPL13;SNORD68;RPL13	0.43298	?	?	?	0.679595	1.48242	1.48242	0.183041	0.91862	0.981582	0.0114	1.01242	1.01242	?	?	?		0.604723	0.609241	-1.64139	0.498124	0.519883	-1.92351	0.775954	0.252134	-3.96615	0.254109	0.14052	3.14052	1.16787	12.2614	8.99909	1
cg24823082	MIO1P1;MIO1P1	0.43301	0.156726	0.530847	-1.88378	0.127204	0.501771	-1.99294	0.232317	0.592335	-1.68823	0.890598	0.95923	1.05923	0.233014	0.592842	-1.68679		0.0661386	0.422418	-2.36732	0.766186	0.882782	-1.13278	0.550028	0.77659	-1.28768	0.498655	0.750385	-1.33265	1.13799	3.15036	2.46075	1
cg16597169	UBE2D1	0.43297	0.628973	1.15941	1.15941	0.477725	1.12725	1.12725	0.341997	1.24997	1.24997	0.0859189	0.817539	1.22349	0.0666597	1.50013	1.50013		0.041344	1.81126	1.81126	0.222596	1.64963	1.04563	0.980973	0.996659	-1.00335	0.79687	0.964445	1.03686	1.13798	0.5354914	0.427727	1
cg07270460	LRRC14;RECQL4 LTB4R2;LTB4R2;LTB4R2;LTB4R;LTB4R;	0.43302	0.355669	0.761898	-1.31251	0.0977402	0.59452	-1.68203	0.518695	1.20594	1.20594	0.0765609	0.569013	-1.75743	0.218165	0.690212	-1.44883		0.489508	0.817962	-1.22255	0.91638	1.03052	1.03052	0.452801	0.803392	-1.24472	0.872241	0.95498	-1.04714	1.13798	1.47653	1.15334	1
cg07164388	CIDEB;LTB4R2	0.43301	0.837557	1.07789	1.07789	0.324277	1.45053	1.45053	0.104034	1.91435	1.91435	0.155491	0.573897	-1.74247	0.904557	0.95712	-1.0448		0.819762	0.919998	-1.08696	0.200382	1.63915	1.63915	0.562244	1.23595	1.23595	0.622543	0.834203	-1.19875	1.13796	2.40586	1.87927	1
cg24306478	KCNK3	0.43304	0.431489	0.849439	-1.17784	0.613181	1.12203	1.12203	0.187647	1.33708	1.33708	0.130036	0.682385	-1.46482	0.0759984	1.42745	1.42745		0.437515	1.19607	1.19607	0.324782	1.25812	1.25812	0.951905	1.01357	1.01357	0.884403	0.977951	-1.02271	1.13796	0.2854164	0.277227	1
cg17013193	BRD2;BRD2	0.43309	0.780943	1.09582	1.09582	0.2744	1.45251	1.45251	0.104034	1.91435	1.91435	0.155491	0.573897	-1.74247	0.904557	0.95712	-1.0448		0.819762	0.919998	-1.08696	0.200382	1.63915	1.63915	0.562244	1.23595	1.23595	0.622543	0.834203	-1.19875	1.13796	2.40586	1.87927	1
cg07687043	ZMYND19	0.43305	0.78054	0.862009	-1.16008	0.131407	0.420701	-2.37698	0.99758	1.00161	1.00161	0.118607	0.406297	-2.46126	0.781778	1.15908	1.15908		0.983592	0.989127	-1.01099	?	?	?	0.209906	2.01879	2.01879	0.560829	1.36705	1.36705	1.13092	4.49988	3.97807	1
cg04093658	C14orf49	0.43304	0.949844	1.0151	1.0151	0.0553115	0.908908	1.10022	0.374916	0.804033	-1.24373	0.627708	1.12345	1.12345	0.759994	1.14512	1.14512		0.156755	1.73444	1.73444	0.322077	1.55512	1.55512	0.580393	1.05512	1.05512	0.580393	0.875464	-1.14225	1.13791	1.02251	0.798742	1
cg19355685	ZFAND2B;ZFAND2B	0.43074	?	?	?	?	?	?	?	?	1.71966	1.71966	0.703293	1.53839	1.53839	?	?		0.290817	1.7264	1.7264	0.0633615	1.71966	1.71966	0.703293	1.53839	1.53839	?	?	?	0.106345	1.90086	1.90086	0.595743	1.83255	1.83255	0.169817	1.81085	1.81085	1.22874	1.81019	7.68389	1
cg26406238	TMEM229A	0.43301	0.447807	0.820182	-1.21924	0.449048	0.82061	1.21861	0.114568	1.55245	1.55245	0.61023	0.876556	-1.14083	0.27304	0.746502	-1.33958		0.255479	0.738191	-1.35466	0.888321	0.9651	-1.03616	0.289031	0.954226	-1.04786	0.577226	1.26139	1.26139	1.13786	1.18567	0.942473	1
cg11445137	GLT1D1;GLT1D1	0.43305	0.529419	0.650168	-1.53806	0.272629	2.16293	2.16293	0.0148358	2.44494	2.44494	2.860192	1.12652	1.12652	0.158558	0.361157	-2.76888		0.750708	1.24034	1.24034	0.203278	0.605316	-1.65161	0.0900067	-1.11103	0.893908	0.729685	-1.37045	0.893007	0.977612	-1.0229	1.13809	0.510314	0.398573	1
cg03700039	GRID2IP	0.43309	0.871472	0.936145	-1.06821	0.558745	1.27248	1.27248	0.721538	1.15701	1.15701	0.704241	1.16815	1.16815	0.597539	1.24763	1.24763		0.0359585	0.369709	-2.70286	0.826058	0.914212	-1.09384	0.179113	0.559001	-1.78891	0.818484	0.910574	-1.09821	1.13783	2.99279	2.33802	1
cg16788234	NPAT;ATN;NPAT	0.43301	0.49953	0.902161	-1.10833	0.629123	0.877379	-1.13976	0.513383	1.07552	1.07552	0.48332	1.0379	1.0379	0.0744822	1.29055	1.29055		0.163548	1.88342	1.88342	0.0114795	0.855084	-1.16948	0.0124747	1.1709	1.1709	0.262871	1.14998	1.14998	1.13782	2.26294	2.005456	1
cg18495710	SLC27A5	0.43305	0.0846634	0.267098	-3.74395	0.741906	1.25684	1.25684	0.203843	0.395481	-2.52857	0.482908	0.572099	-1.74822	0.235952	0.423552	-2.36099		0.431833	0.574116	-1.74181	0.337065	1.98301	1.98301	0.616842	1.41755	1.41755	0.556286	0.662571	-1.50927	1.13781	8.62219	6.73588	1
cg05104581	ACSF3;ACSF3;ACSF3	0.43308	0.324273	0.539114	-1.85371	0.200415	2.36038	2.36038	0.59932	1.39999	1.39999	0.311263	0.53415	-1.87164	0.194496	0.713271	0.350905	-2.84987	0.0747644	0.68738	-1.45482	0.472029	0.540469	-1.85001	0.187881	1.72645	1.72645	0.567677	1		
cg19987965	TULP4;TULP4;TULP4;TULP4	0.43311	0.574464	0.642407	-1.55664	0.0905567	0.233489	-4.28287	0.244576	0.386917	-2.58453	0.650461	0.742136	1.42736	0.501201	0.587124	1.70322		0.934556	0.06616	-1.06616	0.992785	1.00708	1.00708	0.170806	3.76013	3.76013	0.882815	1.12193	1.12193	1.1378	0.19647	0.156598	1
cg22182610	NEURL4;NEURL4	0.43321	0.411348	1.21226	1.21226	0.625576	0.893432	-1.11928	0.655304	1.10844	1.10844	0.482232	1.17781	1.17781	0.813736	0.952414	-1.04996		0.208235	0.737849	-1.35529	0.585408	0.881421	-1.13453	0.360527	0.806223	-1.24035	0.0543444	0.606356	-1.6492	1.13778	0.94614	0.73917	1
cg04519123	VPS45A;VPS45	0.43323	0.133993	0.4	0.4	0.57125	0.14454	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4		0.157075	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg20014778	UBR2;TAF5L;TAF5L	0.43314	0.424859	1.07552	1.07552	0.148108	0.870579	-1.14866	0.314313	1.09741	1.09741	0.447766	0.917263	-1.0902	0.0961644	0.849413	-1.17728		0.89425	1.01195	1.01195	0.934813	1.00733	0.554699	1.05483	1.05483	0.978438	1.00242	1.00242	1.13774	0.143798	0.112346	1
cg17906851	RPTOR;RPTOR	0.43314	0.391478	0.644356	-1.55206	0.0910414	0.50242	-1.98424	0.0206891	0.359955	-2.78011	0.578163	0.374223	2.67022	0.0431756	2.3025	2.3025		0.132878	2.26126	2.26126	0.0145436	0.533877	1.87327	0.0237792	2.025662	-1.43142	0.0183077	0.3125	1.91172	0.0818762	1.63469	1.63469	0.0172475	0.594673	1		
cg00993830	UBE2H;UBE2H	0.43314	0.397457	0.56641	-1.7655	0.237512	0.444035	-2.25207	0.0939857	0.298767	-3.34715	0.704875	0.779078	-1.28357	0.50815	0.643759	-1.55338		0.662632	1.33377	1.33377	0.754472	1.22855	1.22855	0.272572	2.11532	2.11532	0.191587	0.403719	-2.47697	1.13774	7.75599	6.0596	1
cg24475062	TNXB	0.43314	0.636856	0.821436	-1.21738	0.131394	1.96144	1.96144	0.141026	1.92485	1.92485	0.93609	1.03324	1.03324	0.66229	1.19657	1.19657		0.689838	1.18049	1.18049	0.055345	2.45569	2.45569	0.662502	0.932784	-1.07206	0.575254	1.26386	1.26386	1.13773	3.08295	2.40865	1
cg15004027	C11orf51	0.43317	0.303669	0.764708	-1.30824	0.250955	1.34392	1.34392	0.30456	1.34936	1.34936	0.601921	0.876777	-1.14054	0.783044	1.0744	1.0744		0.436027	1.820247	1.82014	0.0104413	0.572874	-1.74558	0.992846	0.985148	-1.01508	0.899728	1.032	1.032	1.13773	1.12403	0.878889	1		
cg00158789	TBX4	0.43319	0.0354045	11.1477	11.1477	0.634068	1.60326	1.60326	0.887278	1.14983	1.14983	0.491084	0.502354	-1.99063	0.702353	1.4593	1.4593		0.765368	0.744821	-1.34261	0.906298	0.8905554	-1.1229	0.142487	4.72019	4.72019	0.947062	0.936727	-1.06755	1.13772	17.4598	13.6411	1
cg00684497	GAS5	0.43315	0.0254048	46313	2.80764	0.280761	1.94854	1.94854	0.161009	0.310977	1.60711	0.624542	1.25676	1.25676	0.452059	0.702218	-1.42409		0.747654	0.708738	-1.41092	0.472504	0.640084	-1.56273	0.0972595	-1.09028	0.181933	1.25826	1.25826	1.13772	0.473802	0.370127	1		
cg14657525	TRIM71	0.43315	0.279485	1.32994	1.32994	0.201205	0.710126	-1.4082	0.917392	0.974031	-1.02666	0.217235	0.388391	-2.58324	0.900723	0.964878	-1.03694		0.465704	0.828393	-1.20716	0.988294	0.996287	-1.00373	0.777178	0.0746	1.0746	0.277959	1.33124	1.33124	1.13771	1.15883	0.905387	1
cg25402362	ZCCHC16	0.43315	0.455375	1.15091	1.15091	0.150074

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(347T vs. N)	p-value(347T vs. 347T)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(353T vs. 537T)	Fold-Change(1-vs-537T vs. N)	p-value(537T vs. 537T)	Fold-Change(5-vs-537T vs. N)	p-value(563T vs. 563T)	Fold-Change(5-vs-563T vs. N)	F(Error
cg17880439	BTF3L1		0.4133644	0.910199	0.9704661	1.030441	0.280437	0.942179	0.7453728	-1.34738	0.0544741	1.78576	1.78576	0.9205	1.02689	1.02689	0.5234994	1.18747	1.18747	0.587984	1.18546	1.18546	0.203091	1.82838	1.42838	0.6078311	0.8714766	-1.14748	0.427257	1.240311	1.24007	0.994292	1
cg18680346	ABLIM1;ABLIM1;ABLIM1		0.4133649	0.575403	1.283516	1.28316	0.7766	0.882197	-1.13353	0.1034907	2.19135	2.19135	0.673083	0.829467	-1.20559	0.3096	1.585025	1.58025		0.1080002	2.16547	2.16547	0.299285	0.62253	-1.60635	0.7816255	1.17282	1.17282	0.4728715	1.37943	1.37943	1.1367	3.4946	2.73276	1
cg08390280	RNGTT		0.4133652	0.880305	0.977439	-1.02308	0.366744	0.868995	-1.15075	0.351407	1.15631	1.15631	0.34245	0.862328	-1.15965	0.469919	1.11776	1.11776		0.0871836	0.751258	-1.3311	0.959601	0.992358	-1.0077	0.209419	1.22182	1.22182	0.719674	0.946886	-1.05609	1.13669	0.412851	0.322848	1
cg24741685	ISOC3		0.4133661	0.192545	0.579091	-1.72684	0.063918	0.44163	-2.26434	0.499614	0.702281	-1.31185	0.387363	0.42041	1.42041	0.500452	1.76267	1.76267		0.4280647	0.725791	-1.37783	0.912005	0.957488	-1.0444	0.975809	0.988062	-1.01208	0.945086	1.40988	1.46988	1.16067	2.82441	2.20872	1
cg14611745	UC1001300913;UC1001300903		0.4133664	0.36946	0.832803	-1.20076	0.183003	0.728298	-1.37307	0.813328	0.955882	-1.04835	0.561576	0.890116	-1.12358	0.032821	0.609189	-1.64153		0.626401	1.10228	1.10228	0.568405	0.891862	-1.12125	0.45773	0.86061	-1.16197	0.483518	0.868183	-1.15183	1.13667	0.709399	0.554761	1
cg20939949	CARD11		0.4133667	0.526709	0.722277	-1.38451	0.111467	0.415172	-2.40864	0.493312	1.423	1.423	0.40507	1.54027	1.54027	0.461174	0.683584	-1.46288		0.992566	1.00961	1.00961	0.41543	0.655683	-1.52513	0.0877207	0.384643	-2.60049	0.759945	1.16812	1.16812	1.0666	4.62857	3.61963	1
cg12451271	CREG1		0.43367	0.221595	0.743238	-1.34546	0.0671924	1.60609	1.60609	0.760219	1.07326	1.07326	0.295863	0.778518	-1.28449	0.487349	0.849607	-1.17701		0.3884487	0.815352	-1.22646	0.776718	0.936439	-1.06788	0.523378	0.861244	-1.16111	0.835127	1.04931	1.04931	1.13665	0.960346	0.751013	1
cg21910821	ZNF649		0.4133675	0.150416	0.71232	1.71222	0.4828577	1.19232	1.19232	0.263214	1.96348	1.10864	1.10864	0.214084	0.887844	-1.13252	0.797269	0.914103	-1.09397		0.659509	1.1673	1.1673	0.407255	1.74098	1.74098	0.772327	1.10403	1.10403	0.0297605	2.44094	2.44094	1.13664	2.19125	1.73162	1
cg14756530	DIS3;DIS3L;PBP1		0.4133678	0.384289	0.758422	-1.32653	0.274085	1.12044	1.12044	0.263818	1.43484	1.43484	0.0792658	0.546671	-1.82925	0.7228	1.83075	-1.09388		0.165317	1.58205	1.58205	0.821937	1.07237	0.644875	0.866011	-1.15472	0.834185	0.937088	1.06714	1.13664	1.72966	1.35266	1
cg20248954	KLHL12		0.4133681	0.0295862	0.433336	-2.30768	0.539653	1.22725	1.22725	0.900399	1.04173	1.04173	0.431577	0.769465	-1.2996	0.563528	0.826425	-1.21003		0.747144	1.11139	1.11139	0.383534	0.746979	-1.33873	0.545662	1.22098	1.22098	0.884608	0.953696	-1.04855	1.13663	1.91867	1.50047	1
cg00655147	SLC16A12		0.4133691	0.595873	0.789109	-1.26715	0.0747007	1.07625	1.07625	0.176725	1.53262	0.508323	-1.96725	0.22348	0.5679	-1.76102	0.0969629	0.449407	-2.2291	0.4055588	0.686267	-1.45716	0.893887	0.429128	2.33031	0.9934	0.998378	-1.00287	0.81176	1.11134	1.11134	1.13661	3.52413	2.75606	1
cg22974467	PAK1;PAK1		0.4133699	0.359556	0.549939	-1.81838	0.0523933	0.246224	-4.06134	0.196965	0.420376	-2.37882	0.272571	0.484084	-2.06576	0.153962	0.379206	-2.63709		0.2683936	0.48072	-2.08021	0.302835	0.50759	-1.97009	0.262581	0.476118	-2.10032	0.811661	0.859284	-1.16376	1.16559	1.26557	0.568214	1
cg21851142	ENPP1		0.4133714	0.805907	1.02053	1.02053	0.4220565	1.19326	1.19326	0.828997	0.967113	-1.03401	0.510322	0.904407	-1.10326	0.890976	0.978934	-1.02152		0.248894	0.829357	-1.20575	0.413865	0.729163	1.37137	0.0762532	0.353848	1.35848	0.352743	1.16003	1.16003	1.13656	0.443827	0.339288	1
cg20283863	MMP24		0.4133728	0.551881	0.813385	-1.6303	0.127924	0.46265	-2.16265	0.407596	0.4652	-2.15021	0.107596	4.162	4.162	0.157902	0.77797	-1.2854	0.3812332	0.482244	-2.07364		0.86015	0.866577	-1.15397	0.656155	0.694960	-1.43891	0.672803	0.708273	-1.41158	0.352906	0.460139	-2.17326	1.16553	1.16553	1.13656	11.8696	9.28331	1
cg13876315	SIT1		0.4133738	0.294396	0.774062	-1.29189	0.398121	1.22598	1.22598	0.259812	1.31892	1.31892	0.425206	0.825496	-1.21139	0.649194	0.897764	-1.11388		0.4884425	1.18028	1.18028	0.154541	1.4317	0.2319824	0.737982	-1.35505	0.986675	0.996075	-1.00394	1.13651	0.998236	0.78074	1
cg27110052	ETFB;ETFB		0.4133738	0.514401	0.649741	-1.53907	0.0373706	0.262386	-3.81119	0.201665	0.4158	-2.40918	0.770624	1.21004	1.21004	0.420306	0.824691	-1.2105		0.654121	0.743942	-1.34527	0.238461	0.466594	-2.14264	0.154204	0.515939	1.53939	1.53939	1.13651	7.65522	5.9873	1
cg20205188	ADAR82		0.4133741	0.53739	0.541882	-1.84542	0.170683	0.418428	2.18428	0.922435	0.908874	-1.10026	0.267875	0.329702	-3.03304	0.0868614	0.156421	-6.393		0.3809939	2.41499	2.41499	0.402899	0.431786	-2.31596	0.95563	1.05611	1.05611	0.942995	0.932244	-1.07268	1.16551	1.16551	1.13656	17.3255	13.5507	1
cg00140501	CHM1		0.4133745	0.143556	0.844603	-1.19189	0.653458	1.0494	1.0494	0.937065	1.00821	1.00821	0.1276	0.847234	-1.18804	0.631111	0.950661	-1.0519		0.746742	1.03447	1.03447	0.628859	0.950482	-1.0521	0.880521	0.816495	-1.22475	0.298611	0.893438	-1.11927	1.16551	0.936888	0.615991	1
cg23187802	ZCCHC24		0.4133754	0.526272	0.39601	2.52566	0.763285	1.50837	1.50837	0.445703	0.98735	-1.01278	0.417573	0.88735	1.08735	0.280329	0.540849	-2.1205		0.2262287	0.177474	-5.63464	0.0665862	0.82353	1.83233	0.0132207	0.133137	-7.61979	0.238666	1.56232	1.56232	1.13648	33.3314	26.6807	1
cg25644150	SAR1B;SAR1B		0.4133757	0.875212	1.02602	1.02602	0.0361019	0.671376	-1.48948	0.757911	1.05184	1.05184	0.794364	1.04362	1.04362	0.536615	1.1077	1.1077		0.7774663	0.954739	-1.04741	0.920735	0.983862	-1.0164	0.907043	0.983087	-1.01928	0.180299	1.26185	1.26185	1.13647	0.480941	0.376167	1
cg20831604	ISL2		0.4133759	0.415788	1.56002	1.56002	0.0135201	1.69949	1.69949	0.205918	2.09318	1.79581	1.79581	0.0774999	2.64734	1.94474	0.444102	2.06514	-1.5216	0.3471126	0.59594	-1.6784	0.345411	0.559758	1.61656	1.30046	1.049389	1.00699	1.00699	1.13647	3.14542	4.02449	1
cg08201690	CCNA2		0.4133759	0.113194	0.375666	-2.66194	0.57001	0.726176	-1.38547	0.398157	0.611956	-1.6341	0.209517	0.47181	-2.1195	0.0722472	0.320017	-3.12483		0.615917	0.750319	-1.33277	0.132427	0.368716	-2.57987	0.232611	0.491203	-2.03582	0.526077	0.694292	-1.44032	1.36467	5.80572	4.54094	1
cg01048316	MRS4B;FBXL18		0.4133762	0.957308	1.03213	1.03213	0.2725731	0.749021	-1.33458	0.748768	0.813373	-1.22963	0.626748	0.735179	-1.36179	0.7384489	0.964287	-1.03705		0.3235689	0.852367	-1.1732	0.379914	1.1516	1.1516	0.405275	1.14275	1.14275	0.0820657	1.35245	1.35245	1.13646	0.440245	0.345748	1
cg20294055	LOC100287216;SH3RF3		0.4133763	0.784711	0.957994	-1.04385	0.578866	1.09184	1.09184	0.114594	1.30857	1.30857	0.456201	1.12629	1.12629	0.906834	0.981816	1.01852		0.3236289	0.852367	-1.1732	0.379914	1.1516	1.1516	0.405275	1.14275	1.14275	0.0820657	1.35245	1.35245	1.13646	0.440245	0.345748	1
cg06698399	CDH4		0.4133776	0.83818	0.930791	-1.07436	0.369233	0.38187	1.38187	0.537638	0.803401	-1.24473	0.832554	1.07708	1.07708	0.401824	0.482154	-2.07403		0.486279	0.780265	-1.28162	0.764946	1.12025	1.12025	0.913295	1.34267	1.34267	0.172306	0.60079	-1.66448	1.36443	2.21408	1.7318	1
cg00236924	SF3A1;SF3A1;CCDC157		0.4133785	0.20614	1.2186	1.2186	0.3985027	1.15639	1.15639	0.13647	1.13609	1.13609	0.142405	1.10205	1.10205	0.0341119	0.10233	1.10205	-9.7683	0.0694371	1.73942	1.73942	0.0172528	1.11327	1.11327	0.0425701	0.968161	-1.05417	0.827501	0.968161	0.0188204	0.795567	0.3094007	1
cg20998770	FBXO30		0.4133788	0.9542297	0.963697	-1.03767	0.829385	1.14939	1.14939	0.806894	1.17117	1.17117	0.842812	1.13666	1.13666	0.822302	0.86491	-1.15619		0.84773	0.883355	-1.13205	0.450092	1.64302	1.64302	0.0394627	4.65005	4.65005	0.0832288	1.44631	3.44631	1.13641	7.49213	5.86027	1
cg23489080	RGS12;RGS12;RGS12		0.4133789	0.286413	0.723012	-1.38311	0.643387	1.61112	1.61112	0.207003	1.08821	1.08821	0.126	0.884641	-1.13024	0.672122	0.944606	-1.05907		0.598572	0.85853	-1.1648	0.468485	0.731551	-1.36703	0.0746035	0.243422	-4.10753	0.448315	0.851551	-1.17414	1.16551	1.16551	1.13641	1.54682	1.20834	1
cg00737992	GCNT7;C20orf106		0.4133798	0.756173	0.73734	1.03734	0.488861	0.920577	-1.08628	0.207719	0.740061	-1.35123	0.556498	0.932393	-1.07251	0.432285	0.909986	-1.09892		0.47596	1.08006	1.08006	0.148045	1.08804	1.08804	0.91322	0.987252	-1.01291	0.83064	0.975106	-1.02553	1.16339	0.249139	0.195018	1
cg04864453	SPN52		0.4133812	0.124317	0.40047	-2.49707	0.8631392	0.909518	-1.09948	0.945967	0.963415	-1.03797	0.799043	0.86911	-1.1506	0.0465292	0.285466	-3.50304		0.201176	0.476006	-2.10081	0.222809	0.494379	-2.02274	0.408232	0.628033	-1.59227	0.87291	0.915732	-1.09202	1.16336	5.4423	4.2571	1
cg24324845	TRPC5;2CCHC16;2CCHC16		0.4133815	0.219346	0.678076	-1.4744	0.324622	1.27602	1.27602	0.779161	1.29518	1.29518	0.779161	1.29581	1.29581	0.666307	0.774	1.29581	-1.2926	0.2205

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(473T vs. N)	Fold-Change(473T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg26122737	ZNF180	0.434277	0.541312	0.888444	0.12556	0.661779	0.919245	-1.08785	0.642915	0.914562	-1.09342	0.0907768	0.442821	1.420476	0.171558	1.31951	1.13951	1.13951	0.947605	0.987507	-1.01265	0.1170364	1.38495	1.38495	0.73832	1.08624	0.9316771	0.98373	-1.01654	1.13541	0.6579886	0.515124	1
cg22799902	BPHL;BPHL;BPHL;BPHL;BPHL	0.434296	0.913542	1.11874	1.11874	0.347347	2.7175	2.7175	0.889883	1.15387	1.15387	0.408004	0.417167	-2.39712	-2.39712	0.348213	1.3686212	-2.71288	0.28987	1.32144	-3.111	0.177216	4.40059	0.643945	1.61745	1.61745	0.1263935	0.51989	1.53587	1.19337	15.10269	1
cg01831959	TMCS;TMCS	0.434306	0.211456	0.870738	-1.14845	0.48522	0.928144	-1.07742	0.322884	0.898201	-1.11334	0.382288	0.910092	-1.09879	0.109872	0.832567	-1.2011		0.285309	1.12376	1.12376	0.49884	0.930356	-1.07486	0.1587534	0.853524	-1.17161	0.9128115	1.01158	1.01158	1.13535	0.1987854	0.155633	1
cg26478249	AP2B1;AP2B1	0.434458	0.553486	0.913008	-1.09528	0.497701	1.11107	1.111107	0.054484	1.39632	1.39632	0.522192	0.905514	-1.10435	0.30659	1.17582	1.17582		0.360796	1.80736	-1.15242	0.7549153	0.953213	-1.04908	0.5528151	0.912216	-1.09623	0.5875861	1.0874	1.0874	1.13532	0.421012	0.329627	1
cg11654809	NDP	0.434321	0.189686	0.58598	-1.70654	0.985132	1.0072	1.0072	0.244394	0.625913	-1.59767	0.899712	0.952649	-1.0497	0.0555569	0.439986	-2.30422		0.112007	0.513851	-1.94609	0.816192	0.914312	-1.09368	0.1586988	1.05125	1.05125	0.93264	0.967098	-1.03306	1.13532	2.66165	2.08392	1
cg08602210	WDR51A;WDR51A;WDR51A	0.434321	0.951109	0.992909	-1.00774	0.0781004	0.796769	-1.25507	0.3246	0.888641	-1.12531	0.741784	0.962352	-1.03912	0.695751	1.04667	1.04667		0.673585	0.952556	-1.04981	0.1315582	1.20794	1.20794	0.537751	1.0751	1.0751	0.496468	0.922993	-1.08343	1.13532	2.242203	0.189631	1
cg11863519	MECP2;MECP2	0.434324	0.261363	0.257917	-3.87722	0.253618	0.251756	-3.97211	0.486435	2.26628	2.26628	0.0884866	8.79535	8.79535	0.861625	0.817222	-1.22366		0.223215	0.227493	-4.39575	0.78043	1.38168	1.38168	0.811277	1.31883	1.31883	0.8702729	1.20814	1.20814	1.13531	24.0666	18.8429	1
cg05801080	LNP1;TOMM70A;TOMM70A	0.434328	0.575908	0.919813	-1.08718	0.703273	1.05866	1.05866	0.726047	1.05383	1.05383	0.722139	0.948561	-1.05433	0.766322	1.04926	-1.04026		0.72369	0.958067	-1.04357	0.4640882	0.8903582	1.12127	0.5917774	1.40886	1.40886	0.1640315	1.24562	1.24562	1.1353	0.3993332	0.30796	1
cg22947679	MAN1A2	0.434329	0.594026	0.74897	-1.33352	0.607993	1.06206	1.06206	0.651602	0.948474	-1.05433	0.692298	1.04672	1.04672	0.208176	0.856899	-1.167		0.915049	1.0125	1.0125	0.459762	0.91613	-1.09155	0.4408816	0.912576	-1.0958	0.7924664	1.03117	1.03117	1.13529	0.2435543	0.190685	1
cg12224898	SNRNP200	0.434339	0.523029	0.881185	-1.13484	0.133562	1.37191	1.37191	0.188168	1.31324	1.31324	0.205562	0.770312	-1.29818	0.312469	0.815326	-1.2265		0.837681	1.0409	1.0409	0.863361	1.03423	1.03423	0.637857	1.09707	1.09707	0.4355111	1.1682	1.1682	1.13528	0.6860573	0.537565	1
cg21007509	RADS11;RADS11;RADS11;RADS11	0.434343	0.776336	0.88444	-1.13064	0.28775	1.25275	1.25275	0.364436	0.916178	0.929575	-1.07576	0.134161	1.37087	0.0425796	1.35403	1.35403		0.377151	0.533305	-1.87576	0.1341661	1.37744	1.37744	0.1292696	0.958007	1.0439	0.9309	1.03972	1.03972	1.13477	0.93909	1.19527	8.6512	4.777366	1
cg19182908	GCAT	0.434347	0.149666	0.736445	-1.35787	0.85913	1.03581	1.03581	0.31631	1.22774	1.22774	0.265205	0.794566	-1.25855	0.22824	0.770548	-1.28462		0.138332	0.729058	-1.37163	0.640667	1.09757	1.09757	0.8908894	0.973185	-1.02755	0.70162	1.07922	1.07922	1.13526	0.7052223	0.552176	1
cg02458121	PPIL1	0.434349	0.385747	1.39708	1.39708	0.6166	0.86026	-1.16252	0.0815	0.550908	0.833104	-1.22985	0.701304	1.12382	1.12382	0.117336	1.674	1.674	0.118016	1.67213	1.67213	0.122015	1.22025	1.22025	0.6960915	1.12587	1.12587	1.13526	1.649449	1.29152	1
cg14968494	TAC3;TAC3	0.434353	0.626514	0.792423	-1.26195	0.0678046	1.63648	2.63648	0.823798	0.899711	-1.11147	0.386151	1.52349	1.52349	0.270548	0.580632	-1.72226		0.883894	1.07202	-1.07202	0.976605	1.0862	-1.01399	0.2800775	1.70252	-1.70252	0.2472088	1.17423	1.17423	1.13526	4.03778	3.16151	1
cg06741528	CRAMP1L	0.434335	0.607397	0.839423	-1.19129	0.189668	0.625491	-1.59874	0.555046	0.81547	-1.22629	0.4173197	0.755814	-1.32308	0.0971671	0.54071	-1.84942		0.772252	0.906631	-1.10298	0.893595	0.955806	-1.04624	0.716078	1.1313	1.1313	0.0515729	0.473119	-2.11363	1.13526	2.05112	1.606	1
cg04847172	BLCAP;BLCAP;BLCAP;BLCAP	0.434353	0.689739	0.92153	-1.08515	0.0384056	0.587634	-1.45426	0.815098	0.954404	-1.04886	0.37717	0.831484	-1.20267	0.944816	1.0142	1.0142		0.305007	1.24149	-1.24149	0.598785	1.11419	1.11419	0.112302	0.70322	-1.42203	0.595781	1.1152	1.1152	1.13526	0.760606	0.583848	1
cg03182116	FAM96B;FAM96B;CES2;CES2	0.434362	0.587661	0.816981	-1.22402	0.889933	0.948382	-1.05443	0.723546	1.14012	1.14012	0.847917	1.07343	1.07343	0.152907	0.568248	-1.75979		0.210941	0.614674	-1.62688	0.850742	1.07203	1.07203	0.0713624	2.10341	2.10341	0.847494	0.931379	-1.07368	1.13523	2.45108	1.91919	1
cg04423209	SH2D6	0.434337	0.520153	0.70758	-1.41327	0.850856	1.10496	1.10496	0.112467	2.50158	2.50158	0.789902	0.867888	-1.15232	0.368722	0.612712	-1.63209		0.112394	0.399684	-2.50197	0.952902	0.960148	1.041184	0.6496068	0.784555	-1.27461	0.2099981	0.496087	-2.01578	1.13522	5.06185	3.96349	1
cg02459010	IMP3;IMP3	0.434339	0.994922	1.00151	0.01603	0.274699	1.24994	1.24994	0.430167	1.17125	1.17125	0.618539	0.906163	-1.10355	0.948701	1.0428	1.0428		0.399184	0.838085	-1.1932	0.49146	1.15295	1.15295	0.2690071	1.26561	1.26561	0.1309344	1.39622	1.39622	1.13526	0.7538002	0.589611	1
cg24043407	ATF1;ATF1 C6orf202;CACNB2;CACNB2;CACNB2;CAC	0.434372	0.651825	0.904533	-1.10554	0.505128	1.16111	1.16111	0.591711	1.12704	1.12704	0.231915	0.758096	-1.3191	0.941293	1.0164	1.0164		0.990316	1.00268	1.00268	0.0337508	0.5783	-1.72921	0.683667	0.913481	-1.09471	0.634637	1.11154	1.11154	1.13521	0.877262	0.686909	1
cg07731871	NB2;CACNB2;CACNB2;CACNB2	0.434376	0.963488	1.0276	1.0276	0.6976639	0.299412	-3.33988	0.223523	0.46744	-2.11931	0.925561	1.05714	1.05714	0.544907	0.694639	-1.4396		0.383234	0.587603	-1.70183	0.257445	0.495186	-2.01944	0.1390698	0.388017	-2.5772	0.547112	1.43666	1.43666	1.13521	6.3576	4.97813	1
cg14508237	BASAL2	0.434379	0.996491	1.00402	-1.00134	0.0109052	1.29748	1.29748	0.0441367	1.68167	1.68167	0.0383883	1.657036	1.65036	0.354614	1.29709	1.29709		0.166066	1.53135	1.53135	0.0341642	1.70029	1.70029	0.0241718	0.8809	-1.15956	0.2009999	0.696395	-1.43597	1.1352	1.9863	1.01059	1
cg03191140	CLDN2;CLDN2	0.434389	0.315061	1.91059	1.91059	0.607547	0.724096	-1.38103	0.695763	0.782775	-1.27751	0.103931	0.361896	-2.76322	0.162903	0.395246	2.53007		0.166666	2.34132	2.34132	0.508612	1.51876	1.51876	0.935631	0.950908	-1.05163	0.9775562	0.982626	-1.01768	1.13518	0.9823	5.46751	1
cg07392137	RNF2	0.434405	0.954832	0.977513	-1.023	0.4209	0.718813	-1.39118	0.734053	0.872038	-1.14674	0.384413	0.690014	-1.44059	0.310214	0.555986	-1.52442		0.160075	1.82698	1.82698	0.0988098	0.488494	-2.00828	0.642068	0.831791	-1.20222	0.211297	0.589322	-1.69687	1.13515	2.89846	2.26968	1
cg25912915	FOE1A	0.434412	0.862439	0.955903	-1.04599	0.0855	0.876164	-1.14134	0.662315	1.27054	1.27054	0.0423758	1.42154	1.42154	0.0408482	1.5872	1.5872		0.196366	1.92778	1.92778	0.0104308	1.42776	1.42776	0.0098595	0.7668995	-1.30379	0.8478851	1.04056	1.04059	0.414308	1.18875	1.18875	1.13513	1.2963	0.60439	1
cg05702747	CBFA2T3;CBFA2T3	0.434419	0.65736	0.771511	-1.29616	0.0884346	2.98101	2.98101	0.175336	2.31053	2.31053	0.483162	0.660922	-1.51304	0.993185	0.995049	-1.00498		0.285111	1.90629	1.90629	0.7161	0.808776	-1.23644	0.335046	0.561197	-1.78191	0.747513	0.828873	-1.20646	1.13512	6.07037	4.7536	1
cg09994351	C5orf126;C5orf126;C1orf26	0.434426	0.288578	0.894183	-1.11834	0.491913	0.91552	-1.07348	0.223567	1.05111	1.05111	0.549015	1.06518	1.06518	0.671086	0.814919	-1.22713		0.112394	0.399684	-2.50197	0.952902	0.960148	1.041184	0.6496068	0.784555	-1.27461	0.2099981	0.496087	-2.01578	1.13522	5.06185	3.96349	1
cg23463269	INSC;INSC	0.434426	0.935449	0.916031	0.101603	0.274699	1.24994	1.24994	0.430167	1.17125	1.17125	0.618539	0.906163	-1.10355	0.948701	1.0428	1.0428		0.117365	0.76142	-1.39637	0.0869654	0.690013	-1.44925	0.776922	0.945765	-1.05734	0.975105	1.00614	1.00614	1.1351	2.69273	0.542471	1
cg15971505	C6orf203 C6orf203;C6orf203;C6orf203;C6orf203; C6orf203	0.434429	0.1627	1.71408	1.71408	0.313703	0.686076	-1.45756	0.799306	1.0965	1.0965	0.572683	1.22889	1.22889	0.121683	1.83433	1.83433		0.132691	1.79792	1.79792	0.308933	1.46339	1.46339	0.613635	1.20212	1.20212	0.81149	0.917231	-1.09024	1.1351	2.35047	1.84064	1
cg22768676	MYO1B;MYO1B;MYO1B	0.434438	0.223068	1.33642	1.33642	0.494368	0.854541	-1.17022	0.498926	0.856001	-1.16822	0.832636	0.953197	-1.0491	0.379356	1.22664	1.22664		0.186655	1.37312	1.37312	0.111253	1.48137	1.48137	0.299558	1.33017	1.33017	0.98376	0.9954	-1.00462	1.13508	0.9223375	0.722319	1
cg19861842	RHOBTB2;RHOBTB2;RHOBTB2	0.434441	0.803568	1.12914	1.12914	0.0709552	0.597441	-1.67417	0.617383	0.885619	-1.12906	0.637035	0.935414	-1.06925	0.341542	1.17009	1.17009		0.163621	1.43472	1.43472	0.0307147	1.64706	1.64706	0.0155116	0.4686	-2.13447	0.0315107	0.701506	-1.42577	1.13502	1.9843	1.01059	1
cg13163896	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.434446	0.449338	0.765455	-1.30641	0.197423	1.60383	1.60383	0.524822	1.25036	1.25036	0.229609	0.645936	-1.54814	0.20837	0.631379	1.58384		0.745596	0.893265	-1.11949	0.209991	1.58097	1.58097	0.679438	1.15496	1.15496	0.5236	0.79923	-1.2512	1.13506	2.16092	1.69226	1
cg04294971	RFNG	0.434445	0.278159	1.23001	1.23001	0.250049	0.801965	-1.24694	0.991026	1.00207	1.00207	0.687902	0.928542	-1.07696	0.944584	1.05448	1.05448		0.070194	1.45009	1.45009	0.762866	0.945958	-1.05713	0.189324	1.29082	1.29082	0.997145	1.00066	1.00066	1.13506	0.6059971	0.474547	1
cg08344281	RFX2;RFX2	0.434455	0.616063	1.08477	1.08477	0.3609	0.308536	1.12836	0.31356	1.12836	1.12836	0.0669619	0.748208	1.33657	0.0512449	1.29852	1.29852		0.761527	1.90124	1.90124	0.0865227	1.70866	1.70866	0.0477463	0.7742863	-1.29152	0.2108666	0.7742863	-1.29152	1.13503	2.09515	1.64077	1
cg11065621	SLC10A5	0.434455	0.451245	0.547587	-1.82619	0.189397	0.335969	-2.97647	0.179461	0.326682	-3.06103	0.970373	1.02957	1.02957	0.209712	0.354426	-2.82147		0.91079	0.915817	-1.09192	0.193311	0.339577	-2.94484	0.211067	2.81188	2.81188	0.885655	1.11952	1.11952	1.13505	11.0665	8.66646	1
cg01900358	UPCAT1	0.434454	0.310657	0.364305	-2.74496	0.145622	0.43584	-2.43584	0.666071	0.783406	-1.27648	0.605221	0.758163	-1.23288	0.183639	0.451738	-2.2137		0.820243	0.867057	-1.15339	0.297455	0.6435	-1.88251	0.7704358	0.655425	-1.52604	0.2385065	0.653426	-1.53034	1.13504	0.5780	0.446736	1
cg23009195	MAGED2;SNORA11;MAGED2;MAGED2	0.434458	0.146373	0.275683	-3.62735	0.597042	0.583152	-1.71484	0.944724	0.946958	-1.05601	0.930123	0.66965	-1.49333	0.135135	0.268315	-3.72691		0.384713	0.486547	-2.0553	0.169565	0.208413	-3.35596	0.207002	2.56946	2.56946	0.0048	1.48525	1.48525	1.13504	12.278	9.61531	1
cg12440751	KCNA1	0.434459	0.672813	0.888444	-1.12556	0.661779	0.919245	-1.08785	0.642915	0.914562	-1.09342	0.0907768	0.442821	1.420476	0.171558	1.31951	1.13951	1.13951	0.947605	0.987507	-1.01265	0.1170364	1.38495	1.38495	0.73832	1.08624	0.9316771	0.98373	-1.01654	1.13541	0.6579886	0.515124	1
cg05636177	ZNRD1;ZNRD1;NCRNA00171	0.434461	0.59641	1.91619	1.91619	0.784325	0.71641	-1.39585	0.477392	0.414744	-2.41113	0.737131	1.50622	1.50622	0.803285	1.35444	1.35444		?	?	?	0.0437153	17.8148	17.8148	0.661089	0.584726	-1.7102	?	?	1.13805	20.2657	17.8074	1
cg09278656	BIB2	0.434468	0.309988	0.755459	-1.32349	0.0775	0.76373	-1.30973	0.14178	1.5872	1.5872	0.0996187	1.67562	1.67562	0.0196128	1.5872	1.5872		0.196366	1.92778	1.92778	0.0104308	1.42776	1.42776	0.0098595	0.7668995	-1.30379	0.8478851	1.04056	1.04059	0.414308	1.18875	1.18875	1.13513	1.2963	0.60439	1
cg06325842	FKBPL;FKBPL	0.434462	0.0297634	0.741287	-1.34901	0.724242	0.959389	-1.04233	0.917633	1.01218	1.01218	0.18213	0.847259	-1.18028	0.969193	1.00453	1.00453		0.285111	1.90629	1.90629	0.7161	0.808776	-1.23644	0.335046	0.561197	-1.78191	0.747513	0.828873	-1.20646	1.13512	6.07037	4.7536	1
cg21300742	USP53	0.434465	0.812212	0.974026	-1.08271	0.309402	0.903884	-1.42085	0.145004	1.66511	-1.64986	0.0292683	0.424155	2.359082	0.0884849	0.992256	-1.00775		0.756574	1.0194	1.0194	0.79997	0.772155	1.29508	0.8819756	0.930894	-1.07452	0.7415102	0.854469	-1.17052	1.13502	2.04545	1.5697	1
cg17732690	RFX1 PSMA4;PSMA4;PSMA4;PSMA4;PSMA4;	0.434478	0.654778	0.839707	-1.19081	0.835161	0.922301	-1.08425	0.252205	0.84586	-1.18249	0.62638	0.116859	1.61697	0.516177	-1.93732	0.403536	0.717621	1.39349	0.771865	0.893284	-1.11946	0.247063	1.59971	0.1051573	0.502952	-1.98826	0.469222	0.751389	-1.33087	1.13502	2.70871	2.12132	1
cg06917634	PSMA4	0.434467	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		?	?	?	0.218527	4.04557	4.04557	0.840853	1.23384	1.23384	0.989454	3.48504	8.80546	1
cg15635945	VDAC3;VDAC3	0.434467	0.219007	3.51713	3.51713	0.158323	4.49824	4.49824	0.208561	3.6395	3.6395	0.274535	2.99843	2.99843	0.594081	0.600999	-1.6639		?	?	?	0.1703747	4.19394	4.19394	0.289292	2.88831	2.88831	0.229555	3.40191	3.40191	1.21269	13.8681	7.14743	1
cg03893662	CAMK2A;CAMK2A	0.434473	0.207926	0.561207	-2.75729	0.231189	0.983772	-1.52117	0.656451	1.40042	-1.40042	0.898884	1.10035	1.10035	0.334502	0.472965	-2.11452		0.34816	0.482551	-2.06804	0.0509985	0.186813	-5.35284	0.0402779	0.530027	-1.88431	0.307283	0.451571	-2.21449	1.13501	0.51721	7.96637	1
cg01068014	MIR17HG;MIR17HG	0.434474	0.475762	1.1509	1.1509	0.520441	0.903887	-1.10636	0.151377	1.0807	1.0807	0.417818	1.13708	1.13708	0.0241475	1.51763	1.51763		0.572084	1.09262	1.09262	0.309702	1.11716	1.11716	0.574266	1.00506	1.00506	0.9497754	1.00083	1.00083	1.13501	0.432724	0.338891	1
cg25379549	ADARB2	0.434476	0.266582	1.85649	1.85649	0.424348	1.54665	1.54665	0.0928137	0.372153	-2.68707	0.500816	1.40084	1.40084	0.585703	1.34203	1.34203		0.381591	0.618990	-1.61551	0.288924	1.80109	1.80109	0.735798	1.19843	1.19843	0.403468	1.57925	1.57925	1.135	5.13539	4.02184	1
cg03639783	TBX21	0.434478	0.143408	0.759759	-1.31675	0.132473	0.949663	-1.26267	0.0907492	0.708795	-1.41084	0.67537	0.902975	-1.07555	0.0966257	0.761769	-1.31269		0.925846	1.10223	1.10223	0.618344	0.950635	-1.05193	0.339559	0.294319	1.20603	1.20603	0.1496	0.0910293	1.13501	0.42096	0.2006	1
cg03173975	MTG1	0.434505	0.814348	1.08735	1.08735	0.0904277	1.94288	1.94288	0.237278	1.55388	1.55388	0.56701	1.27079	1.27079	0.467984	1.30068	1.30068		0.801731	1.0937	1.0937	0.0567505	2.15472	2.15472	0.825665	1.0817	1.0817	0.168337	1.6864	1.6864	1.13494	2.27794	1.78409	1
cg11023442	LOC100369511;NPY5R;NPY5R;NPY5R	0.434515	0.327964	0.800175	-1.24973	0.868915	0.964191	-1.03714	0.099336	1.49009	1.49009	0.639721	0.901151	-1.10969	0.590581	1.12739	1.12739		0.724746	0.924917	-1.08118	0.228506	0.756518	-1.32185	0.393268	1.21297	1.21297	0.257963	1.29772	1.29772	1.13492	0.8761	0.686177	1
cg03356734	C20orf95	0.434518	0.091572	4.67621	4.67621	0.715807	1.3547	1.3547	0.245405	2.74221	2.74221	0.47111	0.544068	-1.83801	0.67661	1.41661	1.41661		0.605229	0.648604	-1.54177	0.789241	0.800566	-1.24912	0.191176	3.15526	3.15526	0.174796	3.1145	3.1145	1.13491	12.391	9.70488	1
cg05591997	TRIM39;HCG18;HCG18;TRIM39	0.434524	0.774828	0.803582	-1.24459	0.714885	1.07253	1.07253	0.516292	1.06707	1.06707	0.525709	1.06219	1.06219	0.594714	1.48861	1.48861		0.833978	0.855491	-1.16892	0.107717	1.57127	1.57127	0.2451358	2.65134	2.65134	0.119004	1.503031	1.503031	1.13491	3.86677	2.72798	1
cg03850117	SLC7A5	0.434527	0.157868	0.544307	-1.8372	0.495858	1.3212	1.3212	0.6278	1.2175	1.2175	0.228611	0.601111	-1.66359	0.609784	0.812738	-1.23041		0.610681	0.813169	-1.22976	0.07480848	0.946126	-1.06014	0.4606416	2.22412	2.22412	0.0585621	1.11605	1.11605	0.307672	0.65354	-1.53013	1.13489	2.91644	2.28426	1
cg17945053	DLL3;DLL3	0.434528	0.141946	0.719463	-1.38904	0.335851	1.33264	1.33264	0.0744	1.35274	1.35274	0.0888318	1.6444	1.6444	0.0244	1.88838	1.88838		0.182698	1.0066	1.0066	0.0668258	1.82698	1.82698	0.0129068	0.24708	2.18841	0.0048	1.28945	1.28945	1.13491	2.18841	1.6848	1
cg18481337	FOXP1;FOXP1	0.434453	0.28323	0.781908	-1.27892	0.152674	1.40213	1.40213	0.573727	1.13363	1.13363	0.738487	1.07673	1.07673	0.742657	1.07541	1.07541		0.265521	1.29179	1.29179	0.299771	0.788899	-1.26759	0.611821	1.11955	1.11955	0.137258	1.42359	1.42359	1.13489	0.8754114	0.685442	1
cg21148160	PAPLN	0.434543	0.841856	0.808159	-1.23738	0.6599418	0.92223	0.922223	0.674286	1.56939	1.56939	0.55019	1.90512	1.90512	0.274986	0.297906	-3.35676		0.445094	2.2933	2.2933	0.407251	0.404991	-2.46919	0.305182	0.322515	-3.10063	0.8033372	0.766442	-1.30473	1.13489	20.4136	16.0043	1
cg08607002	ZNF542;ZNF542;ZNF542;ZNF542	0.434538	0.383147	1.40804	1.40804	0.762118	1.12961	1.12961	0.95175	1.1246	1.1246	0.173335	0.85893	-1.19813	0.405284	1.71116	-1.40622		0.623032	1.22009	1.22009	0.207043	0.605617	-1.65668	0.1229605	0.518146	-1.92996	0.2213113	0.596774	-1.67568	1.1487	2.89789	2.26977	1
cg24083274	CADPS2;CADPS2;CADPS2	0.434541	0.317445	0.349743	-2.85924	0.396068	2.41514	2.41514	0.717885	0.691539	-1.44605	0.238318	0.284902	-3.50998	0.191899	0.179921	-5.55799		0.201448	0.253753	-3.94085	0.323071	0.354299	-2.82248	0.148612	0.207014	-4.8306	0.9398	1.07981	1.07981	1.13487	1.78751	14.549	1
cg17833794	INADL	0.434483	0.688437	0.89902	-1.12334	0.424404	1.06626	1.06626	0.615655	1.03674	-1.13674	0.0898189	0.894259	-1.11873	0.0917027	0.900305	-1.11073		0.972705	1.00992	1.00992	0.9799886	1.0925	1.0925	1.0243464	0.401032	2.49037	0.0017	1.21905	1.21905	1.13486	1.94637	1.37094	1
cg22161784	RNF213;LOC100294362	0.434542	0.259923	1.4303	1.4303	0.992574	0.99717	-1.00284	0.321908	0.732247	-1.36566	0.420821	1.2846	1.2846	0.347956	1.34217	1.34217		0.379666	1.49467	1.49467	0.546865	1.31245	1.31245	0.2990922	1.05771	1.05771	0.578249	1.28461	1.28461	1.13484	1.57454	2.79984	1
cg22366783	DTNBP1;DTNBP1;DTNBP1	0.434557	0.937581	0.971597	-1.02923	0.929771	1.03287	1.03287	0.837155	1.07865	1.07865	0.615079	0.827832	-1.20797	0.32675	0.689026	-1.45132		0.520919	0.787114	-1.27046	0.390563	0.723494	-1.38218	0.0604735	2.17887	2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
ge00046032	NAV1,NAV1	0.434963	0.488477	1.23858	0.062937	1.74057	0.665166	1.1443	1.1443	0.25014	1.44105	0.170919	1.5578	1.5578	0.445169	1.09395	0.173456	1.62637	0.549936	1.20247	1.2024	0.379636	0.760322	1.31523	1.134	1.66011	1.30128	1
ge04152460	ZNF192	0.434964	0.210714	0.837521	-1.194	0.55017	1.08467	1.08467	0.39977	1.12287	1.142587	1.10915	1.10915	0.685104	0.946664	-1.05634	0.197847	1.20081	1.20081	0.753812	0.958584	-1.04321	0.262067	1.17026	1.17026	0.124057	1.25097	1.25097	1.134	1.324646	0.254474	1
ge17364044	PEL11	0.43497	0.859341	1.03532	1.03532	0.554462	1.12411	1.12411	0.243353	1.26982	1.26982	0.690837	1.08137	1.08137	0.325353	1.21985	1.21985	0.964967	0.991442	-1.00863	0.992853	0.695975	-1.43683	0.962826	1.00916	1.00916	0.128851	1.37871	1.37871	1.13399	0.687683	0.539047	1
ge08884752	SKI	0.434971	0.164822	0.420268	-2.37926	0.599335	1.36353	1.36353	0.359599	1.79414	1.754414	0.768309	1.18862	1.18862	0.635837	0.756526	-1.32183	0.853588	0.897574	-1.11402	0.105536	0.355459	-2.81327	0.311425	0.543197	-1.84517	0.349438	1.75666	1.75666	1.13399	0.145606	0.83688	1
ge21028671	MAD1L1;MAD1L1;MAD1L1	0.434977	0.586436	0.898998	-1.11235	0.32393	1.21832	1.21832	0.607571	1.10562	1.109035	0.3079	1.3079	0.873268	1.03143	1.03143	0.098097	1.4215	1.4215	0.077683	0.546241	0.852546	0.958041	-1.0438	0.533397	1.13006	1.13006	1.13397	0.674782	0.528942	1
ge25091837	CSorf33;CSorf33	0.434987	0.647833	1.30201	1.30201	7	7	7	0.127546	0.388465	-2.57423	0.773284	0.847254	1.18028	0.329322	0.561181	-1.78196	0.881629	0.918049	-1.08927	0.334317	1.77075	1.77075	0.216122	0.473797	-2.11061	0.310668	1.82569	1.82569	1.12687	1.52409	0.403911	1
ge21659138	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.434996	0.706429	0.862124	-1.15993	0.894948	1.05316	1.05316	0.594668	0.830133	-1.23436	0.725791	1.14804	1.14804	0.97965	1.01005	1.01005	0.523893	1.2882	1.2882	0.0321988	2.674	2.674	0.21652	1.66508	1.66508	0.572408	0.799594	-1.25063	1.13994	2.76066	2.16407	1
ge06055478	ARHGEF9;ARHGEF9	0.435012	0.308121	0.296931	-3.36778	0.092539	1.01126	-8.39449	0.385464	0.359102	-2.78472	0.140631	0.19893	0.61893	0.955907	0.910473	-1.09833	0.255007	0.25643	-3.92726	0.611325	0.554381	-1.80381	0.916786	0.887814	-1.12636	0.947743	1.07837	1.07837	1.13399	23.7936	18.6522	1
ge01138020	SPNG3	0.435029	0.732154	0.817273	-1.22358	0.0907287	2.98785	2.98785	0.189469	2.26221	2.26221	0.459906	0.642803	-1.55569	0.985402	0.989312	-1.0108	0.576629	0.718004	-1.39275	0.16369	2.39402	2.39402	0.687987	0.78891	-1.26757	0.711051	0.80369	-1.24426	1.13387	6.19471	4.8563	1
ge22655999	SIF2	0.435034	0.139988	0.228581	-4.37503	0.554729	1.08502	1.08502	0.114616	2.88475	2.884752	0.981086	1.01928	0.315967	0.866326	1.15403	0.743746	0.895558	1.11669	0.897944	1.0594	0.931505	1.07195	1.07195	0.853368	0.760867	-1.3006	0.36376	1.13766	1.13766	1.13386	0.342878	0.2688	1
ge13990141	FAM120AOS;FAM120A	0.435036	0.6721	0.946606	-1.05641	0.201319	0.840361	-1.08976	0.150027	0.799268	-1.25115	0.330473	1.13817	1.13817	0.307493	0.872711	-1.14586	0.250012	0.858285	-1.16511	0.271992	0.862799	-1.15902	0.762056	1.03992	1.03992	0.304323	0.871875	-1.14695	1.13385	0.298304	0.233856	1
ge01968493	ZNF804A	0.435041	0.189368	0.797031	-1.31046	0.316237	1.23125	1.23125	0.389173	0.966053	-1.03554	0.777067	1.05676	1.05676	0.270561	1.24963	1.24963	0.534752	0.884016	-1.1305	0.0802712	0.694027	-1.44966	0.728767	1.07005	1.07005	0.553034	0.889845	-1.12379	1.1384	0.679186	0.533456	1
ge11368628	SYTB	0.43705	0.14735	0.442268	-2.26107	0.275819	0.551647	-1.81275	0.820357	0.891449	-1.12177	0.214636	0.503848	-1.88472	0.0882896	0.372745	-2.6828	0.260177	0.539949	-1.85203	0.200157	0.491585	-2.03424	0.157749	0.452672	-2.20911	0.317421	0.581418	-1.71993	1.13384	4.94433	3.87618	1
ge14101485	NFIC;NFIC	0.43505	0.209063	0.268206	-3.72847	0.779635	0.142754	-7.00508	0.507657	0.509502	-1.9627	0.661237	0.64516	-1.55	0.460739	0.486621	-2.05499	0.169281	0.233312	-4.2861	0.0771758	0.141856	-7.04941	0.254669	0.306643	-3.26112	0.469351	0.481133	-2.07843	1.13383	17.7382	13.9063	1
ge16103800	PCK1	0.435055	0.463382	0.777328	-1.60031	0.126826	2.88771	2.88771	0.752577	1.22283	0.684464	1.29354	1.29354	0.884741	0.482272	1.24528	1.24528	0.349023	1.8355	1.8355	0.0882474	0.732825	0.884741	1.48207	0.647715	-1.55832	0.974345	0.979946	-1.02046	0.867107	1.11127	1.11127	1.13382	7.12621	5.58681	1
ge26790879	DTX4;DTX4	0.435063	0.572532	0.935742	-1.06867	0.59735	0.939804	-1.06405	0.706281	1.04508	1.04508	0.736505	0.96143	-1.04012	0.388712	0.90223	-1.01836	0.219954	0.860519	-1.16209	0.196022	0.852788	-1.17262	0.346727	1.11947	1.11947	0.126835	1.21206	1.21206	1.1338	0.24358	0.190964	1
ge17476694	AGL;AGL;AGL;AGL;AGL	0.435069	?	?	?	0.710123	0.841314	-1.18462	0.855975	1.08772	1.08772	0.797111	1.12663	1.12663	0.870304	0.927165	-1.07856	0.040164	0.333757	-2.99619	0.355032	0.562133	-1.77904	0.420209	1.46394	1.46394	0.725475	0.849454	-1.17723	1.1267	3.49733	3.01529	1
ge08791692	MAPK13	0.435072	0.62406	1.08126	1.08126	0.549201	0.908599	-1.10059	0.374962	0.15435	1.15435	0.0982761	1.33214	1.33214	0.163197	1.37642	1.37642	0.507545	1.11219	1.11219	0.26777	0.83099	-1.20034	0.389338	1.1464	1.1464	0.408644	1.1426	1.1426	1.13385	0.449159	0.352142	1
ge10298855	NFKBIA	0.435086	0.308053	1.19804	1.19804	0.255198	1.2256	1.2256	0.705236	0.936993	-1.06724	0.712728	0.938632	-1.06538	0.176124	1.27929	1.27929	0.879248	0.974301	-1.02638	0.0878042	0.724211	-1.38081	0.663387	0.927746	-1.07788	0.965929	1.00734	1.00734	1.13375	0.526613	0.412877	1
ge04044762	CLSTN1;CLSTN1	0.435107	0.203956	0.78597	-1.27291	0.503385	1.08552	1.08552	0.12416	2.884854	2.884854	0.81873	-1.2214	0.695563	1.07373	1.07373	0.993979	0.990645	-1.00136	0.8992808	1.38345	0.385633	0.814241	1.07932	1.07932	1.22613	0.800929	1.04643	1.04643	1.13371	0.579383	0.454267	1
ge20945035	SPIN3;SPIN3	0.435109	0.340514	0.657311	-1.52135	0.726428	1.16189	1.16189	0.824046	1.0998	1.0998	0.127969	0.21972	0.210972	0.167835	1.87372	1.87372	0.147531	0.514878	-1.94297	0.0901569	0.160722	-6.16149	0.565303	0.965069	1.01888	1.01888	0.603088	1.25118	1.25118	1.1337	3.27641	2.56889	1
ge21644194	AMPD2;AMPD2;AMPD2;AMPD2	0.435112	0.919621	1.05637	1.05637	0.630222	1.12591	1.12591	0.25038	1.32095	1.32095	0.134545	1.24774	1.24774	0.408308	1.24808	1.24808	0.713498	0.879933	1.13388	0.0759069	0.274324	1.46422	0.0846446	2.5468	2.5468	0.0819182	2.29024	2.29024	0.0249306	1.62217	1.62217	1.1337	3.47459	2.72427	1
ge14849071	TMEM63A	0.435112	0.958391	1.01858	1.01858	0.192554	0.614726	-1.62674	0.330589	0.701741	-1.42503	0.638779	0.846366	-1.18152	0.232177	0.642711	-1.55591	0.541177	0.803938	-1.24388	0.410376	0.740036	-1.34583	0.0300727	0.406529	-2.45985	0.394381	0.735083	-1.36039	1.1337	2.2349	1.7523	1
ge04470021	ANXA7;ANXA7	0.435118	0.624783	1.17034	1.17034	0.225523	0.666206	-1.50104	0.576415	0.835088	-1.19748	0.568467	1.20194	1.20194	0.997504	1.00066	1.00066	0.236786	1.48518	1.48518	?	?	?	0.725216	0.893498	-1.1192	0.50538	1.24068	1.24068	1.1266	1.61497	1.43349	1
ge12085265	PRKCZ;PRKCZ	0.43513	0.820741	1.13219	1.13219	0.0709838	0.948322	-1.05498	0.278371	0.725077	1.22283	0.684464	1.29354	1.29354	0.884741	0.482272	1.24528	1.24528	0.349023	1.8355	1.8355	0.0882474	0.732825	0.884741	1.48207	0.647715	-1.55832	0.974345	0.979946	-1.02046	0.867107	1.11127	1.11127	1.13382	7.12621	5.58681	1
ge26794015	CCDC51	0.435131	0.855579	0.964465	-1.03684	0.0763009	1.47941	1.47941	0.375581	1.19793	1.19793	0.578095	0.894423	-1.11804	0.346463	1.21232	1.21232	0.219954	0.860519	-1.16209	0.196022	0.852788	-1.17262	0.346727	1.11947	1.11947	0.126835	1.21206	1.21206	1.1338	0.24358	0.190964	1
ge07556730	DEAF1	0.435133	0.978153	0.992082	-1.00794	0.370723	1.80423	1.80423	0.0598263	6.75194	6.75194	0.648466	0.693653	-1.44167	0.0903098	0.940283	0.97851	-1.02196	0.940164	0.333757	-2.99619	0.355032	0.562133	-1.77904	0.420209	1.46394	0.725475	0.849454	-1.17723	1.1267	3.49733	3.01529	1
ge08791692	MAPK13	0.435072	0.62406	1.08126	1.08126	0.549201	0.908599	-1.10059	0.374962	0.15435	1.15435	0.0982761	1.33214	1.33214	0.163197	1.37642	1.37642	0.507545	1.11219	1.11219	0.26777	0.83099	-1.20034	0.389338	1.1464	1.1464	0.408644	1.1426	1.1426	1.13385	0.449159	0.352142	1
ge10298855	NFKBIA	0.435086	0.308053	1.19804	1.19804	0.255198	1.2256	1.2256	0.705236	0.936993	-1.06724	0.712728	0.938632	-1.06538	0.176124	1.27929	1.27929	0.879248	0.974301	-1.02638	0.0878042	0.724211	-1.38081	0.663387	0.927746	-1.07788	0.965929	1.00734	1.00734	1.13375	0.526613	0.412877	1
ge04044762	CLSTN1;CLSTN1	0.435107	0.203956	0.78597	-1.27291	0.503385	1.08552	1.08552	0.12416	2.884854	2.884854	0.81873	-1.2214	0.695563	1.07373	1.07373	0.993979	0.990645	-1.00136	0.8992808	1.38345	0.385633	0.814241	1.07932	1.07932	1.22613	0.800929	1.04643	1.04643	1.13371	0.579383	0.454267	1
ge20945035	SPIN3;SPIN3	0.435109	0.340514	0.657311	-1.52135	0.726428	1.16189	1.16189	0.824046	1.0998	1.0998	0.127969	0.21972	0.210972	0.167835	1.87372	1.87372	0.147531	0.514878	-1.94297	0.0901569	0.160722	-6.16149	0.565303	0.965069	1.01888	1.01888	0.603088	1.25118	1.25118	1.1337	3.27641	2.56889	1
ge21644194	AMPD2;AMPD2;AMPD2;AMPD2	0.435112	0.919621	1.05637	1.05637	0.630222	1.12591	1.12591	0.25038	1.32095	1.32095	0.134545	1.24774	1.24774	0.408308	1.24808	1.24808	0.713498	0.879933	1.13388	0.0759069	0.274324	1.46422	0.0846446	2.5468	2.5468	0.0819182	2.29024	2.29024	0.0249306	1.62217	1.62217	1.1337	3.47459	2.72427	1
ge14849071	TMEM63A	0.435112	0.958391	1.01858	1.01858	0.192554	0.614726	-1.62674	0.330589	0.701741	-1.42503	0.638779	0.846366	-1.18152	0.232177	0.642711	-1.55591	0.541177	0.803938	-1.24388	0.410376	0.740036	-1.34583	0.0300727	0.406529	-2.45985	0.394381	0.735083	-1.36039	1.1337	2.2349	1.7523	1
ge04470021	ANXA7;ANXA7	0.435118	0.624783	1.17034	1.17034	0.225523	0.666206	-1.50104	0.576415	0.835088	-1.19748	0.568467	1.20194	1.20194	0.997504	1.00066	1.00066	0.236786	1.48518	1.48518	?	?	?	0.725216	0.893498	-1.1192	0.50538	1.24068	1.24068	1.1266	1.61497	1.43349	1
ge12085265	PRKCZ;PRKCZ	0.43513	0.820741	1.13219	1.13219	0.0709838	0.948322	-1.05498	0.278371	0.725077	1.22283	0.684464	1.29354	1.29354	0.884741	0.482272	1.24528	1.24528	0.349023	1.8355	1.8355	0.0882474	0.732825	0.884741	1.48207	0.647715	-1.55832	0.974345	0.979946	-1.02046	0.867107	1.11127	1.11127	1.13382	7.12621	5.58681	1
ge26794015	CCDC51	0.435131	0.855579	0.964465	-1.03684	0.0763009	1.47941	1.47941	0.375581	1.19793	1.19793	0.578095	0.894423	-1.11804	0.346463	1.21232	1.21232	0.219954	0.860519	-1.16209	0.196022	0.852788	-1.17262	0.346727	1.11947	1.11947	0.126835	1.21206	1.21206	1.1338	0.24358	0.190964	1
ge07556730	DEAF1	0.435133	0.978153	0.992082	-1.00794	0.370723	1.80423	1.80423	0.0598263	6.75194	6.75194	0.648466	0.693653	-1.44167	0.0903098	0.940283	0.97851	-1.02196	0.940164	0.333757	-2.99619	0.355032	0.562133	-1.77904	0.420209	1.46394	0.725475	0.849454	-1.17723	1.1267	3.49733	3.01529	1
ge04950667	TMED4	0.435146	0.933017	0.977591	-1.02292	0.650265	1.88421	-1.13095	0.52696	0.983251	-1.18866	0.326906	0.761192	-1.31373	0.958322	0.669162	1.446	0.736063	1.0955	1.0955	0.0606746	0.768459	0.573896	0.857971	-1.16554	0.607215	1.15004	1.15004	1.13363	1.30506	1.02331	1
ge10919329	SLC35A1;SLC35A1	0.435147	0.205819	0.562664	-1.77726	0.3366	1.53251	1.53251	0.362162	1.49719	1.49719	0.78314	0.887914	-1.12624	0.388095	0.683069	-1.46398	0.499886	1.34325	1.34325	0.652931	1.21537	1.21537	0.346727	0.658684	-1.51818	0.135	2.00228	2.00228	1.13363	3.33347	2.61381	1
ge21676617	ADAMTS10	0.435154	0.409066	1.13821	1.13821	0.223366	1.74256	1.74256	0.796973	1.08243	1.08243	1.10602	0.74202	1.1376	1.1376	0.333276	0.897495	1.07745	0.739674	1.4762	1.4762	0.601527	1.2283	1.2283	0.0402257	2.48255	2.48255	0.0402257	1.53473	1.53473	1.13361	0.601054	0.444267	1
ge01620958	MCF2L;MCF2L	0.435155	0.928804	1.03461	1.03461	0.107351	1.95267	1.95267	0.668584	1.17819	1.17819	0.627308	0.830025	-1.20478	0.876494	0.9425	-1.06101	0.417893	0.726037	-1.37054	0.646182	1.19245	1.19245	0.888415	0.489372	-2.04343	0.387979	0.713973	-1.40061	1.13361	2.60305	2.0411	1
ge14193193	WAPAL	0.435157	0.233643	1.18484	1.18484	0.0942246	1.32146	1.32146	0.244625	1.14213	1.14213	0.173285	1.32146	1.32146	0.244625	1.14213	1.14213	0.173285	1.32146	1.32146	0.244625	1.14213	1.14213	0.173285	1.32146	1.32146	0.244625	1.14213	1.14213	0.173285	-1.22845	0.883525	0.889374	-1.12439	0.91955	0.922387	1.13361	0.489905	0.371183	1
ge10801213	SLC7A3;SLC7A3	0.435161	0.137224	0.298788	-3.34686	0.0757293	0.224972	-4.445	0.285289	0.432781	-2.31064	0.9128	1.08618	1.08618	0.421981	0.538479	-1.85708	0.215936	0.374275	-2.67183	0.714582	0.757918	-1.3194	0.889136	0.9000995	-1.11099	0.426085	1.84655	1.84655	1.1336	0.20245	0.81736	1
ge22856972	TBPL1	0.43517	0.256359	0.736593	-1.3576	0.236363	0.702204	-1.37736	0.994867	1.00166	1.00166	0.267593	0.742205	-1.34717	0.143261	1.50066	1.50066	0.948522	0.983477	-1.0168	0.30338	0.759508	-1.31664	0.191101	0.69964	-1.42931	0.896625	0.967013	-1.03411	1.13358	1.19546	0.937408	1
ge11445760	SF1;SF1;SF1;SF1	0.435204	0.997598	1.00241	1.00241	0.993659	0.942222	1.12535	0.0258128	0.209399	0.835154	-1.41161	0.307762	0.882313	-2.07797	?	?	0.785447	0.972438	1.02743	0.146446	2.5468	2.5468	0.0819182	2.29024	2.29024	0.0249306	1.62217	1.62217	1.1337	3.47459	2.72427	1
ge06303635	MARCH8;MARCH8;MARCH8	0.435207	0.0374272	0.294329	-3.39755	0.381656	1.57526	1.57526	0.636615	0.785832	-1.27254	0.975163	1.01589	1.01589	0.385095	0.637005	-1.56985	0.215732	0.516925	-1.93452	0.590859	0.759687	-1.31633	0.894086	1.06979	1.06979	0.484963	1.6898	1.6898	1.13246	1.1335	4.60451	3.61083	1
ge22040239	SETD8	0.435207	0.166032	0.374812	-2.66903	0.0758728	1.08238	1.08238	0.363599	1.10051	1.10051	0.160155	0.956914	-1.04508	0.421606	1.10046	1.10046	0.119599	0.77394	-1.29166	0.183057	0.626318	1.14343	1.14343	0.159987	1.10083	1.10083	0.0998643	1.10083	1.10083	1.1335	0.0998643	0.533587	1
ge26338159	CPE81	0.435208	0.964689	1.02743	1.02742	0.529888	0.677813	-1.47533	0.340325	0.548531	-1.82305	0.96094	0.970515	-1.03038	0.20874	0.441547	2.26476	0.763271	1.20273	1.20273	0.0324878	2.016515	-4.61649	0.565833	1.42576	1.42576	0.752159	0.823986	1.21361	1.1335	2.70407	5.25731	1
ge12018809	LPAR5;LPAR5	0.435215	0.375032	1.39246	1.39246	0.259551	1.53369	1.53369	0.35792	1.44026	1.41026	0.524105	1.26459	1.26459	0.300127	0.676758	-1.47763	0.148315	1.75565	1.75565	0.0941302	1.95274	1.95274	0.336527	1.43379	1.43379	0.52338	1.26512	1.26512	1.13349	2.37363	1.86142	1
ge13844899	EFCAB10	0.435221	0.589227	1.08584	1.08584	0.373733	0.758127	-1.31883	0.363549	0.723547	1.37747	-1.29408	0.62563	1.59548	0.0956914	1.60015	1.60015	0.771959	1.06499	1.06499	0.218053	0.774346	-1.29141	0.694061	0.917042	-1.08944	0.322606	1.24782	1.24782	1.13148	0.880863	0.653587	1
ge08635395	NDE1;NDE1	0.435223	0.244729	0.469424	-2.13027	0.226889	0.454543	-2.20001	0.867347	1.11089	1.11089	0.481876	0.64131	-1.5593	0.100306	0.32628	-3.06485	0.227496	0.455057	-2.19753	0.100906	0.327403	-3.05434	0.90238	1.07933	1.07933	0.813651	1.15806	1.15806	1.13347	0.93339	0.54728	1
ge22038256	CTX2D51	0.435234	0.333243	0.844894	0.844894	0.0758127	1.06189	1.06189	0.822122	1.31161	1.28395	0.413539	0.47831	-2.09153	0.124253	0.46443	-2.15384	0.370466	0.828006	1.20755	0.0433597	0.150452	0.559054	0.933225	1.14864	1.14864	0.419398	1.20215	1.20215	1.1332317	0.744169	0.544884	1
ge18771737	ANO10	0.435236	0.793775	0.851895	-1.17385	0.108093	2.92313	2.92313	0.775578	1.19111	1.19111	0.152075	0.391107	-2.55684	0.651484	0.757132	-1.32077	0.400901	1.69229	1.69229	0.103025	1.92889	1.92889	0.656049	1.31557	1.31557	0.373485	0.571794	-1.74888	1.13345	6.72025	5.37026	1
ge06078005	TNKS;MIR597	0.435239	0.419069	0.977023	-1.02364	0.134553	1.08648	1.08648	0.409182	0.959063	0.75194	0.675194	0.648466	0.693653	-1.44167	0.903098	0.940283	0.97851	-1.02196	0.940164	0.333757	-2.99619	0.355032	0.562133	-1.77904	0.420209	1.46394	0.725475	0.849454	-1.17723	0.526613	0.412877	1
ge16198850	NCRNA00087	0.435242	0.153267	0.488596	-2.04958	0.0758183	0.747939	-1.33701	0.310147	0.61149	-1.63535	0.236702	0.78972	-1.26621	0.183763	1.83763	1.83763	0.396824	0.660771	-1.50134	0.637853	0.422754	-2.36463	0.154631	0.246633	0.83403	-1.19934	1.24864	1.24864	1.13343	1.93756	1.53801	1
ge02301920	CES1;CES1;CES1	0.435243	0.775658	0.768797	-1.30073	0.261117	2.94018	2.94018	0.814465	1.2415	1.2415	0.755229	0.749920	-1.33346	0.505755	1.86144	1.86144	0.196775	3.51076	3.51076	0.0592366	7.09826	7.09826	0.636973	1.54875	1.54875	0.325524	0.392905	-2.54515	1.13343	15.2009	11.9213	1
ge17353900	GAS7	0.435254	0.240956	1.13823	1.13823	0.223366	1.74256	1.74256	0.796973	1.08243	1.08243	1.10602	0.74202	1.1376	1.1376	0.333276	0.897495	1.07745	0.739674	1.4762	1.4762	0.601527	1.2283	1.2283	0.0402257	2.48255	2.48255	0.0402257	1.53473	1.53473	1.13361	0.601054	0.444267	1
ge04205664	CLEC2L	0.435301	0.132732	0.47732	1.47732	0.125101	0.670752	-1.49086	0.652261	0.896622	-1.1153	0.207113	1.37718	1.37718	0.553551	1.17641	1.17641	0.338935	1.26759	1.26759	0.074232	1.0078	1.0078	0.95235	0.985708	-1.0145	0.764525	0.930284	-1.07494	1.13331	1.03868	0.814667	1
ge04005701	RPA1;SMYD4	0.435301	0.230464	1.13823	1.13823	0.223366	1.74256	1.74256	0.796973	1.08243	1.08243	1.10602	0.74202	1.1376	1.1376	0.333276	0.897495	1.07745	0.739674	1.4762	1.4762	0.601527	1.2283	1.2283	0.0402257	2.48255	2.48255	0.0402257	1.53473	1.53473	1.13361	0.601054	0.444267	1
ge21388553	CCDC46	0.435325	0.422626	0.483979	-2.0662	0.272342	2.75199	2.75199	0.101043	4.90922	4.90922	0.587655	0.615647	-1.62431	0.309661	0.393963	2.53831	0.545687	0.581689	-1.71913	0.669291	0.683388	-1.4633	0.319595	2.48755	2.48755	0.494696	1.84851	1.84851	1.13326	14.09	11.0518	1
ge05023447	RBM14	0.435337	0.116416	0.616096	-1.63748	0.664533	0.881502	-1.13443	0.776127	0.92089	-1.08591	0.670373	0.883587	-1.13175	0.693979	0.891982	-1.1211	0.428741	1.26305	1.26305	0.0467974	0.513904	-1.93086	0.295288	0.730709	-1.36853	0.947536	0.981157	-1.0192	1.13324	1.49973	1.17636	1
ge24595791	NGAM12	0.435341	0.248928	1.13823	1.13823	0.223366	1.74256	1.74256	0.796973	1.08243	1.08243	1.10602	0.74202	1.1376	1.1376	0.333276	0.897495	1.07745	0.739674	1.4762	1.4762	0.601527	1.2283	1.2283	0.0402257	2.48255	2.48255	0.0402257	1.53473	1.53473	1.13361	0.601054	0.444267	1
ge10804276	CTBP2;CTBP2	0.435342	0.634342	1.19221	1.19221	0.292038	0.66957	-1.4935	0.245777	0.640566	-1.56112	0.541559	0.797128	-1.2545	0.576123	0.812828	-1.23027	0.610094	0.828035

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3533 vs. N)	Fold-Change(3533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24359123	FGF3	0.435796	0.867868	1.809563	0.065394	-1.25323	0.0935634	-10.181	0.128106	0.12405	-8.00126	0.281859	4.13288	4.13288	?	?	0.808461	1.36448	1.36448	1.846006	1.29131	1.29131	0.520203	0.437346	-2.28552	0.8205568	1.37873	1.37873	1.12518	25.5002	22.6631	1
cg19983627	CYP2U1	0.435801	0.980007	1.00563	1.070583	1.128574	1.38381	1.38381	0.37796	1.22455	1.24655	1.56656	1.14641	1.14641	0.674993	1.09904	1.09904	0.663732	1.10292	1.10292	0.06421	1.5931	1.5931	0.710223	0.91982	-1.08717	0.0872092	1.52636	1.52636	1.13229	0.8992728	0.705965	1
cg03136727	PRELP;PRELP	0.435807	0.69782	0.698134	-1.43239	0.4402028	2.05849	2.05849	0.0336885	9.82095	9.82095	0.172013	3.81509	3.81509	0.714315	1.403	1.403	0.627791	0.637644	-1.56827	0.6346461	1.55448	1.55448	0.750954	0.745831	-1.34079	0.7854534	1.28574	1.28574	1.10228	15.2113	11.9415	1
cg04543008	PHOX2A	0.435812	0.611354	1.68401	1.68401	0.1370721	0.0852526	-11.7248	0.388022	2.45911	2.45911	0.437572	2.23752	2.23752	0.645167	1.22	1.22	0.394169	0.411629	-2.42937	0.8115561	1.26825	1.26825	0.792578	0.764883	-1.30739	0.6784336	1.52766	1.52766	1.13225	18.5484	14.5616	1
cg03994942	GYLTL1B	0.435833	0.158199	0.613645	-1.62961	0.1427276	0.154232	1.65432	0.90641	0.962645	-1.03881	0.559814	1.2103	1.2103	0.511561	1.23815	1.23815	0.457303	1.27765	1.27765	0.952239	1.01958	1.01958	1.29777	1.41821	1.41821	0.134525	1.68591	1.68591	1.13223	1.87892	1.47509	1
cg17594199	AGPAT4	0.435834	0.889435	0.972281	-1.02851	0.8070363	1.05069	1.05069	0.213912	0.767638	1.30273	0.624489	1.10484	1.10484	0.292261	1.2471	1.2471	0.07760	1.48646	1.48646	0.477493	0.864195	1.15715	0.374598	1.20222	1.20222	0.369352	1.2048	1.2048	1.13221	0.732334	0.574949	1
cg15802548	AMMECR1;AMMECR1;AMMECR1	0.435845	0.0970445	0.127727	-7.82923	0.871176	1.20127	1.20127	0.955513	0.938911	-1.06506	0.237688	4.04559	4.04559	0.206846	4.50064	4.50064	0.187548	0.206359	-4.84592	0.889317	4.85447	4.85447	0.193479	0.957042	1.06276	1.06276	0.923459	1.1147	1.1147	1.1322	22.8932	17.9734	1
cg22162597	CAP2A1	0.435845	0.0659604	0.159353	-1.86584	0.1830897	0.76214	1.3121	0.0704685	5.648626	-1.82274	0.958027	1.01464	1.01464	0.465087	0.798602	-1.25305	0.631935	0.591051	-1.07406	0.591193	0.848832	1.17806	0.80842	1.07621	1.07621	0.205662	0.66839	-1.49613	1.1322	1.63919	1.28692	1
cg06627103	C9orf57	0.435849	0.116587	0.402746	-2.48295	0.0721137	0.34257	-2.01826	0.303087	0.566009	-1.76676	0.835438	0.894954	-1.11738	0.761651	0.82231	-1.21475	0.138388	0.426012	-2.34241	0.685607	0.804814	-1.24252	0.167167	0.76332	1.17484	1.13219	1.10448	4.00755	1
cg08270254	XK96	0.435854	0.110317	0.778568	-1.28441	0.681978	1.06105	1.06105	0.752962	1.04646	1.04646	0.202513	0.82405	-1.21352	0.46485	1.11292	1.11292	0.690251	1.05931	1.05931	0.668307	0.939999	-1.06383	0.195837	1.21744	1.21744	0.395696	1.13327	1.13327	1.13218	0.3709956	0.291241	1
cg10001866	HMCN1	0.435859	0.418405	1.44285	1.44285	0.1726306	0.12436	-1.12436	0.371628	0.776121	-1.28846	0.238099	1.37884	1.37884	0.516376	0.450206	1.41085	0.809858	1.08868	1.08868	0.712185	0.93058	1.07746	1.07746	0.31729	2.21886	1.07698	1.20211	1.20211	1.13217	3.52508	2.7676	1
cg05002837	GRAMD4	0.435861	0.451182	0.573196	-1.7446	0.0403555	0.56666	0.566666	0.255567	2.36432	2.36432	0.971653	1.02605	1.02605	0.519203	1.16219	1.16219	0.734022	1.28049	1.28049	0.492981	0.603655	-1.65658	0.608912	1.45367	1.45367	0.902531	0.915012	-1.09288	1.13217	9.42378	7.39879	1
cg03776080	GFRP1;GFRP1	0.435867	0.489125	0.850404	-1.17591	0.7619329	0.934687	-1.07127	0.388964	1.22682	1.22682	0.601792	1.12909	1.12909	0.388388	0.815915	-1.22613	0.674816	1.1032	1.1032	0.387219	0.775002	-1.29032	0.8134016	0.615083	-1.62581	0.4134978	1.21004	1.21004	1.13216	0.6953572	0.748677	1
cg16432236	HIVEP3;HIVEP3	0.435868	0.863139	0.957327	-1.04458	0.736592	0.918207	-1.08908	0.0918876	0.625617	-1.59842	0.884284	1.0375	1.0375	0.671646	0.897833	-1.11379	0.973818	1.00833	1.00833	0.0640813	1.6921	1.6921	0.495663	1.19108	1.19108	0.90138	0.969151	-1.03183	1.13217	1.14558	0.8994929	1
cg13755388	MICAL3;MICAL3	0.435887	0.811642	1.08602	1.08602	0.2685115	0.67141	1.4894	0.549486	0.811119	-1.23286	0.32191	0.70207	-1.42436	0.255995	0.669882	-1.4928	0.545386	0.809332	-1.23559	0.178441	1.63917	1.63917	0.174527	1.64747	1.64747	0.823049	1.0805	1.0805	1.13215	2.14252	1.68216	1
cg25150155	SGK2;SGK2	0.435873	0.609573	0.744217	-1.35997	0.0525699	0.237729	-4.20648	0.0860682	2.090357	-1.44403	0.948677	1.04285	1.04285	0.873535	0.903177	-1.10941	0.500286	0.640196	-1.56202	0.470101	0.639426	1.5644	0.907158	0.70902	1.07902	0.515633	1.53677	1.53677	1.1215	1.61874	0.98375	1
cg11856688	CAMSAP1L1	0.435876	0.677535	0.891019	-1.12231	0.946287	0.98158	-1.01877	0.263821	1.37907	1.37907	0.200784	1.45187	1.45187	0.473232	1.22298	1.22298	0.65306	1.13299	1.13299	0.187701	0.68028	-1.46998	0.166566	1.50229	1.50229	0.237623	1.40687	1.40687	1.13214	1.36527	1.07193	1
cg06893491	TEC8	0.435882	0.39181	1.77426	1.77426	0.44971	2.74939	2.74939	0.266991	2.13246	2.13246	0.242189	0.54826	-1.82274	0.958027	1.00454	1.00454	0.637335	0.73275	-1.36472	0.509663	1.41827	1.41827	0.954078	0.962517	-1.03894	0.1413137	2.23315	2.23315	1.13212	7.68851	6.03664	1
cg12436467	C7orf28A	0.435886	0.97115	1.0223	1.0223	0.8981154	1.08123	1.08123	0.194413	0.373635	-2.67641	0.113255	0.94508	-2.86117	0.216563	0.452444	1.21024	0.114238	0.350681	-2.85159	0.303104	0.521683	-1.91687	0.898766	0.925306	-1.08072	0.284592	1.507649	-1.36987	1.1321	6.67012	5.23718	1
cg27329737	P2RY14;MED12L;P2RY14	0.435907	0.715126	1.13332	1.13332	0.1714483	0.608306	-1.64391	0.184506	0.618423	-1.61702	0.37111	0.730836	-1.3683	0.237605	0.655463	-1.52564	0.423838	1.32167	1.32167	0.860845	1.06174	1.06174	0.699518	0.875971	-1.14159	0.2296842	1.53777	1.53777	1.13207	2.09019	1.64119	1
cg24150244	TTC28	0.435912	0.111939	0.413837	-2.41654	0.1777737	2.18535	2.18535	0.28357	0.999661	1.00022	0.0022	0.676247	1.47895	0.806639	1.239	1.239	0.41165	0.650357	-1.53762	0.743472	0.845098	-1.18329	0.108545	0.924201	-1.34754	0.467077	0.684363	-1.46121	1.1321	4.70941	3.69779	1
cg21704109	ALX4	0.435919	0.516548	0.701898	-1.42471	0.792648	1.15233	1.15233	0.0348504	3.75688	3.75688	0.947265	0.965027	-1.03624	0.821785	1.1291	1.1291	0.7514	0.842784	-1.18654	0.438652	0.653683	-1.52979	0.283203	1.94429	1.94429	0.666227	1.26307	1.26307	1.13205	5.19302	4.07757	1
cg04469105	LOC643521;LOC643521	0.435932	0.494799	0.72116	1.11906	0.0852406	0.372144	1.66496	0.0933161	1.102267	1.02267	0.0226	0.762657	1.01679	0.397889	1.15042	1.15042	0.678416	1.1102	1.1102	0.387119	0.859771	-1.1669	0.108475	1.08475	1.08475	0.0540458	1.02644	1.02644	1.0122342	1.35563	1.33564	1
cg19723715	GPER;C7orf50;C7orf50;GPER;C7orf50	0.435923	0.27024	2.00531	2.00531	0.033358	4.51388	4.51388	0.314764	1.87775	1.87775	0.779836	0.843793	-1.18512	0.465297	1.56892	1.56892	0.222327	2.17568	2.17568	0.408597	1.6691	1.6691	0.347933	1.79631	1.79631	0.433457	1.6233	1.6233	1.13204	0.58649	5.17177	1
cg02324021	RASA1;RASA1	0.435925	0.179233	0.600559	-1.66512	0.0767906	0.202056	2.02056	0.620409	1.19534	1.19534	0.802033	0.915302	-1.09345	0.726327	1.13381	1.13381	0.154282	1.72461	1.72461	0.731242	0.884442	-1.13066	0.58094	1.2205	1.2205	0.844742	1.07258	1.07258	1.13204	2.29001	1.79814	1
cg01840318	C5	0.435933	0.892381	1.03861	1.03861	0.2402737	1.53082	1.53082	0.781704	1.35153	-1.07718	0.780712	0.882256	-1.13375	0.680912	1.22565	1.22565	0.120756	1.80972	1.80972	0.0275	0.474154	2.10977	0.047152	1.64609	1.64609	0.0581111	0.831016	0.831016	1.13205	1.36288	1.07016	1
cg10296718	ARHGEF10	0.435941	0.741667	0.735869	-1.35894	0.1158849	0.205026	-4.87743	0.0559061	0.134264	-7.44803	0.742643	1.35729	1.35729	0.583325	1.67131	1.67131	0.593564	0.606875	-1.64779	0.87729	1.15403	1.15403	0.699365	0.69783	-1.43301	0.439971	2.0755	2.0755	1.13201	15.4114	12.1015	1
cg02414650	FTH1	0.435943	0.220447	1.58157	1.58157	0.188113	1.6426	1.6426	0.344757	1.32465	1.32465	0.21261	1.03261	1.03261	0.874824	1.30882	1.30882	1.53181	1.25274	1.25274	0.533182	1.01098	1.01098	1.37038	1.68269	1.68269	0.0244818	1.55148	1.55148	1.1201	2.27007	1.78254	1
cg12481388	PRDM2;PRDM2;PRDM2;PRDM2	0.435943	0.156453	3.98052	1.98052	0.65287	0.815377	-1.22643	0.983838	0.99091	-1.00917	0.269899	1.67853	1.67853	0.589863	1.27803	1.27803	0.656393	1.23268	1.23268	0.0724399	2.46858	2.46858	0.112338	2.17996	2.17996	0.069838	1.39301	1.39301	1.132	1.64353	2.86103	1
cg00863378	BBS2	0.435952	0.988321	0.993852	-1.00619	0.1102297	0.480361	-2.08177	0.486905	0.742593	-1.34663	0.495553	1.33477	1.33477	0.379776	0.684136	-1.4617	0.105246	0.474388	-2.10798	0.152876	0.52467	-1.90596	0.840651	0.918682	-1.08852	0.6996228	1.17743	1.17743	1.13198	3.18225	2.49886	1
cg15322234	C9orf10	0.435956	0.112594	0.508468	-1.96679	0.0529249	0.312401	1.03201	0.240015	2.64497	2.64497	0.0003	1.47195	1.47195	0.744367	1.44349	1.44349	0.722268	1.47475	1.47475	0.0061591	0.625215	-1.59901	0.99015	0.625215	-1.59901	0.0018083	0.515071	1.37229	1.37229	1.13197	1.29749	1.01597	1.13198	0.566838	1.30657	1.30657	1
cg21201500	ONTTIP2	0.435963	0.105528	0.544844	-1.83539	0.865598	0.1599	-1.0599	0.560094	0.816815	-1.22427	0.801565	0.917156	-1.09033	0.618771	0.841799	-1.18793	0.191226	0.621762	-1.60833	0.153821	0.575797	-1.73672	0.368981	1.37281	1.37281	0.494726	1.26884	1.26884	1.13196	2.11417	1.66018	1
cg22484397	TTC13;TTC13	0.435964	0.91882	1.08057	1.08057	0.3972144	1.56466	1.56466	0.0931161	1.74871	1.74871	0.324473	0.870512	1.06744	0.966357	1.05383	1.05383	0.726227	1.40674	1.40674	0.153883	0.658824	1.51882	1.05028	1.05841	1.05841	0.946911	1.02255	1.02255	1.13196	0.82843	0.62445	1
cg18037834	TENC1;TENC1;TENC1	0.435974	0.771015	1.0875	1.0875	0.137472	1.5837	1.5837	0.770151	1.08786	1.08786	0.186452	1.49565	1.49565	0.166302	1.52842	1.52842	0.528385	1.83274	-1.20153	0.861518	0.951053	-1.05147	0.856445	0.940284	-1.05343	0.103451	1.66842	1.66842	1.13194	4.70941	3.69779	1
cg17184370	AUTS2;AUTS2;AUTS2	0.435981	0.411174	0.816884	-1.22416	0.319101	1.28122	1.28122	0.842096	1.04918	1.04918	0.360989	1.25359	1.25359	0.314998	1.28411	1.28411	0.31567	1.28364	1.28364	0.507548	0.850604	-1.17563	0.0572844	1.67801	1.67801	0.976685	0.992991	-1.00706	1.13192	1.03847	0.815499	1
cg04503482	C6orf97	0.435984	0.61368	1.26407	1.26407	0.2587577	2.11853	2.11853	0.400557	0.69861	-1.42886	0.409582	0.780954	-1.28064	0.419874	0.825663	1.91357	0.209829	0.640426	-1.56159	0.237528	0.598579	-1.67062	0.399957	1.4364	1.4364	0.686018	1.17625	1.17625	1.1192	1.0838	2.42153	1
cg07064050	ARMC6	0.435985	0.595477	1.15819	1.15819	0.0382764	1.93103	1.93103	0.5658	1.17245	1.17245	0.425472	1.24988	1.24988	0.540513	1.18509	1.18509	0.148954	1.52837	1.52837	0.175235	1.48454	1.48454	0.785241	0.927873	-1.07773	0.883138	1.04114	1.04114	1.13192	1.3466	1.05748	1
cg03906861	WWC2	0.435985	0.292443	0.712091	-1.40427	0.1254574	0.567285	-1.67424	0.341675	0.597626	-1.67333	0.921186	0.959716	-1.04213	0.615183	0.868087	1.1596	0.377272	0.75331	-1.32755	0.0596926	1.5199	1.5199	0.675136	1.68082	1.68082	0.0107591	0.943155	0.943155	1.13192	1.731	1.33985	1
cg21764708	PRKAG2;PRKAG2	0.435994	0.679314	0.774073	-1.29187	0.0972101	0.68086	1.06886	0.0904172	3.15625	3.15625	0.176054	0.818621	-1.22157	0.9197	1.0064	1.0064	0.728669	1.23949	1.23949	0.718828	1.24947	1.24947	0.409983	0.595072	-1.68047	0.0398365	0.579076	0.579076	1.12689	1.1319	0.803525	1
cg13633669	ARG2	0.435997	0.95557	1.02617	1.02617	0.24581	1.75574	1.75574	0.668784	0.819078	-1.22089	0.577113	0.770107	-1.29852	0.389069	1.5058	1.5058	0.620649	0.793456	-1.26031	0.149972	0.48885	-2.04562	0.927752	1.04295	1.04295	0.085285	0.413865	-2.41625	1.13189	3.85501	3.0274	1
cg09939124	MAD1L1;MAD1L1;MAD1L1	0.436006	0.260758	1.439081	1.32026	0.2792285	1.12456	1.12456	0.0348504	1.27392	1.27392	0.447675	1.18042	1.18042	0.8249	1.08147	1.08147	0.715673	1.11056	1.11056	0.744314	0.71484	0.7898	1.26591	0.871771	1.14755	0.0602733	0.674593	-1.48282	1.13187	0.9237107	0.249411	1
cg25510164	GBA3;GBA3	0.436017	0.645399	0.787073	-1.27053	0.63297	1.28225	1.28225	0.905224	0.940306	-1.06348	0.881206	1.08034	1.08034	0.61997	1.27562	1.27562	0.549091	1.36788	1.36788	0.0211215	0.23862	-4.19076	0.97659	1.01528	1.01528	0.869315	0.918431	-1.08881	1.13185	4.78665	3.75916	1
cg22516376	MTSS1	0.436025	0.700302	1.07155	1.07155	0.3446	1.54125	1.54125	0.748532	1.34283	1.34283	0.219662	1.82759	1.82759	0.0222	0.90223	1.10923	0.915931	1.09311	1.09311	0.605616	0.827239	1.20863	0.827239	1.20863	1.20863	0.0222	1.14884	1.14884	1.1173344	1.2009	1.36288	0.97016	1
cg26575120	RHEB	0.436029	0.858014	1.03906	1.03906	0.5815424	0.887713	-1.12649	0.0693677	0.647478	-1.54445	0.172335	1.36452	1.36452	0.584602	1.12473	1.12473	0.387141	0.827233	-1.20885	0.505449	1.15555	1.15555	0.493194	1.16055	1.16055	0.94433	0.985169	-1.01505	1.13182	1.8206637	0.644494	1
cg09939124	UBE2BP	0.436035	0.072535	6.23126	6.23126	0.0916149	1.019875	1.019875	0.0885	1.1598	1.1598	0.991816	0.906878	-1.10317	0.267929	0.816171	-1.22523	0.106987	1.3708	1.3708	0.0881692	1.14059	1.14059	0.719524	1.1605	1.1605	0.634153	1.69532	1.69532	1.13181	2.27007	1.78254	1
cg21768042	AFAP3	0.436045	0.271149	0.734085	-1.36091	0.226875	0.710869	-1.40673	0.527675	0.884158	-1.18782	0.788989	0.930392	-1.07482	0.739132	0.952558	-1.6876	0.39869	1.00044	1.00044	0.534655	1.18428	1.18428	0.534703	0.814005	1.01969	0.606758	1.6481	1.6481	1.13178	1.29686	1.01854	1
cg26858152	TRAPPC9;TRAPPC9	0.436052	0.272388	1.3082	1.3082	0.153095	1.43302	1.43302	0.220098	1.35419	1.35419	0.32978	1.26681	1.26681	0.925017	1.02238	1.02238	0.0630346	1.63517	1.63517	0.402754	1.22307	1.22307	0.141335	1.45058	1.45058	0.397618	1.2259	1.2259	1.13178	0.9913239	0.77851	1
cg16888168	QPCT	0.436055	0.752824	1.09249	1.09249	0.2228144	0.794823	-1.2813	0.185312	0.674739	-1.48153	0.344367	1.26023	1.26023	0.301975	1.37079	1.37079	0.624467	1.60904	1.60904	0.145504	0.655744	1.52483	1.14283	0.88771	1.13025	0.0915515	1.13677	1.13677	1.13178	1.58704	1.24645	1
cg10507762	RG9MTD1	0.436063	0.842642	1.1932	1.1932	0.475519	1.90577	1.9057	0.31819	0.399757	-2.50156	0.26711	0.36655	-3.26211	0.910348	0.904743	1.10529	0.152262	2.05921	2.05921	0.190745	0.0860347	0.185282	-5.39717	0.956183	1.05004	1.05004	0.275718	1.36049	1.36049	1.13176	14.1574	11.1193	1
cg22608990	SNX11;SNX11	0.436063	0.367639	0.804001	-1.24408	0.2346316	0.91	1.336	0.184132	1.23858	1.23858	0.820234	1.05277	1.05277	0.594828	1.08373	1.08373	0.288372	-1.13157	0.0992204	0.598128	0.883737	-1.13157	0.0992204	0.598128	1.15325	1.15325	0.0572347	1.649	1.649	1.13176	0.9690409	0.7610398	1
cg16738920	HP1BP3	0.436066	0.11619	1.58109	1.58109	0.835199	1.03757	1.03757	0.772426	1.08106	1.08106	0.475191	0.678841	-1.47351	0.468847	0.903622	1.10697	0.701182	0.90166	-1.10907	0.124237	0.8394	1.19091	0.84064	1.18966	1.18966	0.0134499	0.74325	1.12265	1.13176	1.2939	1.01425	1
cg05932517	RAP1GAP2;RAP1GAP2	0.436069	0.289977	1.46952	1.46952	0.745857	1.12073	1.12073	0.681229	0.865222	-1.15577	0.600174	0.830797	-1.20356	0.596663	1.20586	1.20586	0.334424	0.705451	-1.41753	0.882889	1.0755	1.0755	0.502	1.13912	1.13912	1.74711	1.74711	0.0798043	1.97658	1.97658	1.13174	2.20192	1.72942	1
cg05860208	TBC0	0.436075	0.356025	1.28107	1.28107	0.273552	1.1384	1.1384	0.0778354	1.19814	1.19814	0.280032	1.07183	1.07183	1.22952	1.22952	1.0239	0.922591	1.0239	1.0239	0.0229101	1.08839	1.08839	0.122124	1.4717	1.4717	0.0240064	0.693406	-1.44216	0.0204661	1.07722	1.0233	0.0240064	1.07722	0.837822	1.07482	0.748602	1
cg15004389	IRS1	0.436085	0.909375	0.982437	-1.01788	0.19184	1.23987	1.23987	0.784361	0.958214	-1.04361	0.389452	1.14711	1.14711	0.0585202	1.39459	1.39459	0.350002	1.16149	1.16149	0.186505	1.24349	1.24349	0.754081	0.952274	-1.05012	0.3136445	1.17606	1.17606	1.13171	0.43404	0.340912	1
cg04537170	RARA;RARA;RARA	0.436092	0.402853	1.860111	1.16264	0.404037	0.860711	-1.16183	0.288574	0.823738	-1.21401	0.840212	0.965089	-1.03637	0.679239	0.816171	-1.22523	0.737589	1.33508	1.33508	0.277774	1.23978	1.23978	0.719781	1.16486	1.16486	0.982684	1.00383	1.00383	1.13167	1.5555356	0.4342004	1
cg11250773	PNPLA5	0.436097	0.685628	0.653292	-1.53071	0.779317	1.34161	1.34161	0.707075	1.48428	1.48428	0.534673	0.525535	-1.90282	0.177482	0.223281	4.47866	0.386231	0.394861	-2.53254	0.793014	0.759491	-1.31667	0.0507368	0.62644	0.62644	0.953508	1.06289	1.06289	1.13169	0.91653	15.407	1
cg19587237	SSBP3;SSBP3;SSBP3	0.436099	0.343327	0.629424	-1.58875	0.0356263	0.313549	-3.18929	0.413952	0.672969	-1.48595	0.917767	0.952204	-1.0502	0.499669	0.72957	-1.38395	0.617453	0.787574	-1.26972	0.290724	0.594543	-1.68196	0.406327	0.668408	-1.49609	0.394868	1.51172	1.51172	1.13168	4.03083	3.16604	1
cg06635552	CENPE	0.436101	0.510982	1.2879	1.2879	0.2285447	0.794823	-1.2813	0.185312	0.674739	-1.48153	0.344367	1.26023	1.26023	0.301975	1.37079	1.37079	0.624467	1.60904	1.60904	0.145504	0.655744	1.52483	1.14283	0.88771	1.13025	0.0915515	1.13677	1.13677	1.13168	1.58704	1.24645	1
cg04429140	AARS1;AARS1;RUNDC1;AARS1;AA	0.436101	0.95712	1.01541	1.01541	0.548685	1.18842	1.18842	0.359536	1.30732	1.30732	0.288779	1.36776	1.36776	0.874974	1.04581	1.04581	0.1473	1.55634	1.55634	0.584123	0.8545	-1.17028	1.030775	0.628667	-1.59067	0.261174	1.39561	1.39561	1.13168	1.45028	1.13914	1
cg02089925	USP10	0.436111	0.241535	0.768773	-1.30077	0.818985	1.05042	1.05042	0.181325	0.737574	-1.3558	0.3958	0.82983	-1.20507	0.284936	0.787757	-1.26943	0.462671	0.851832	-1.17394	0.915728	1.02296	1.02296	0.267259	0.78043	-1.28134	0.0478864	0.615588	-1.62446	1.13166	0.824653	0.647743	1
cg14914809	GAD1	0.436112	0.533038	1.2061	1.2061	0.758194	1.09598	1.09598	0.0496621	1.23339	1.23339	0.218426	0.680991	-1.46845	0.362179	0.757313	-1.32046	0.536612	0.83051	-1.20408	0.060842	1.18742	1.18742	0.597855	1.17115	1.17115	0.751569	1.09885	1.09885	1.13166	1.57876	1.24008	1
cg01839993	DDIT4	0.436147	0.581444	1.20747	1.20747	0.4134224	1.14134	1.14134	0.201799	1.54198	1.54198	0.55585	1.12158	1.12158	0.0452	1.26362	1.26362	0.650855	1.85808	1.85808	0.0139125	0.554846	1.80425	1.80425	0.550768	-1.31197	0.0834084	1.9037	1.9037	1.13162	2.02271	1.58883	1
cg24351977	TBP1	0.436128	0.139622	0.809504	-1.23532	0.120123	1.25127	1.25127	0.390684	1.12404	1.12404	0.537726	1.08649	1.08649	0.382472	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(5477 vs. N)	Fold-Change(5477 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	DF
cg19883843	NUBPL		0.436513		0.7159	1.07862	0.187862	1.104225	0.692262	-1.44454	0.607128	0.898173	-1.11337	0.2834412	0.79392	-1.25957	0.305505	0.693337	-1.44223	0.475269	1.62222	0.162202	0.562067	1.12906	1.12906	0.434945	0.847935	-1.17934	0.78733	1.05759	1.13084	0.767914	0.603614	1
cg20751138	HCCA2		0.436515		0.491462	1.32284	1.32284	0.702746	0.857686	-1.16593	0.93757	0.969123	-1.03186	0.2079428	0.82806	1.82586	0.095847	0.979355	1.02108	0.591794	1.24201	1.24201	0.204838	1.70856	1.70856	0.543724	1.27899	1.27899	0.3522	1.46715	1.14083	2.87114	2.25685	1
cg13428073	TSPO;TSPO		0.436517		0.665894	0.824227	-1.21326	0.859387	0.924126	-1.0821	0.894804	0.94283	-1.06064	0.139322	0.02987	2.02987	0.858369	0.923592	-1.08273	0.727073	0.855626	-1.16873	0.515223	1.34127	1.34127	0.44661	0.708081	-1.41227	0.0523821	0.37467	-2.66901	1.13083	3.54634	2.7876	1
cg02574509	FMN2;FMN2		0.43652		0.80904	1.03312	1.03312	0.180016	1.32465	1.32465	0.0728454	1.48456	1.48456	0.9558371	1.041	1.011	0.49176	0.871207	-1.14783	0.740326	0.938068	-1.06602	0.469488	0.864758	-1.15639	0.636548	1.09855	1.08855	0.185508	1.31946	1.13982	0.698296	0.548898	1
cg10606835	TBCD		0.436522		0.677024	0.757316	-1.32045	0.653367	4.225572	4.225572	0.68629	1.30925	1.30925	0.94938	1.6403	1.34303	0.0914	1.084224	0.336636	-2.97057	0.74013	1.24718	1.24718	0.666079	0.467038	0.611935	0.613416	1.03082	7.68701	6.19963	1
cg17694495	WAPAL		0.436538		0.0477188	2.96509	2.96509	0.343221	1.57288	1.57288	0.688046	0.827475	-1.21805	0.498565	1.37082	1.37082	0.594631	1.27898	1.27898	0.0934791	2.92085	2.92085	0.586497	1.286616	1.286616	0.910434	1.05273	1.05273	0.552383	1.31679	1.17711	3.70196	2.09663	1
cg08538778	DENND2C		0.43654		0.764853	1.05168	1.05168	0.0920801	1.36543	1.36543	0.682805	1.07145	1.07145	0.784883	1.04703	1.04703	0.0994153	1.3544	1.3544	0.766418	0.951192	-1.05131	0.620848	0.919658	-1.08736	0.640557	0.92405	-1.08219	0.27477	0.826242	-1.2101	1.13078	0.505288	0.397198	1
cg19935876	CSPG4		0.436543		0.49839	0.809227	-1.15204	0.511353	1.14702	1.14702	0.701288	0.923702	-1.0826	0.993774	1.00161	1.00161	0.0364575	0.643867	-1.55312	0.616941	1.10943	1.10943	0.132866	1.40193	1.40193	0.842156	0.990774	-1.04191	0.923818	0.980497	-1.01989	1.13078	0.759423	0.599071	1
cg18635691	DLX1;DLX1		0.436557		0.594748	1.1187	1.1187	0.594115	1.111892	1.111892	0.440808	0.840571	-1.18967	0.994997	0.998601	-1.00137	0.37637	1.02862	1.02862	0.207	0.757285	-1.32051	0.189026	0.687448	-1.45459	0.704156	1.06991	1.06991	1.13075	0.781661	0.614429	1
cg21302898	PLEKHA5;PLEKHA5		0.43656		0.364657	1.52167	1.52167	0.5213304	0.746049	-1.34039	0.706526	1.18586	1.18586	0.600773	1.26865	1.26865	0.240343	1.74023	1.74023	0.0583372	2.62246	2.62246	0.0959597	2.27956	2.27956	0.633132	1.242	1.242	0.648532	1.22975	1.22975	1.13074	3.63729	2.85931	1
cg06207144	ZIC3		0.436563		0.124297	1.99665	-3.70948	0.2894127	1.13773	1.13773	0.648903	1.16258	1.16258	0.38002	1.0326	1.0326	0.0844153	1.16258	1.16258	0.145009	1.29154	1.29154	0.894631	1.03025	1.03025	2.82715	2.82715	0.413809	1.93102	1.93102	1.13074	11.111	8.73453	1
cg16438397	AP3B1		0.436562		0.619337	0.85474	-1.16995	0.133848	1.54688	1.54688	0.483139	1.24597	1.24597	0.61547	1.16934	1.16934	0.163251	1.19077	1.19077	0.754835	0.907867	-1.10148	0.500873	0.809923	-1.23469	0.0849206	0.396547	0.764995	-1.3072	1.13074	1.70507	1.34038	1
cg19589302	C15orf18		0.436572		0.322194	0.689946	-1.44939	0.4090005	0.736084	-1.35861	0.298174	0.626122	-1.47902	0.561517	1.22745	1.22745	0.178449	0.87687	-1.14042	0.728248	0.883308	-1.13468	0.723362	0.878988	-1.13767	0.633207	1.19063	1.19063	0.0544841	2.30736	2.00274	2.9387	1.85424	1
cg09517428	DAZAP1;DAZAP1		0.436576		0.414468	1.48356	-1.45434	0.353851	1.53825	1.53825	0.366975	1.51606	1.51606	0.126306	1.28389	1.28389	0.164868	1.64868	0.0752326	0.0140898	-2.4197	0.875305	1.07306	0.453	1.07306	0.330254	1.57003	1.57003	0.751275	1.15347	1.15347	0.606634	0.792001	-1.26262	1.13077	3.61017	2.83808	1
cg25915131	SSH3		0.436581		0.62444	0.780707	-1.28089	0.19984	0.506862	-1.97292	0.6763	1.2345	1.2345	0.959134	0.974619	-1.02604	0.303464	0.585816	-1.70702	0.322642	0.59895	-1.66953	0.0911203	0.522638	0.52638	0.910705	0.945268	-1.0579	0.385437	1.56272	1.56272	1.1307	4.50774	3.54372	1
cg20855728	AP4S1;STRN3;STRN3;AP4S1		0.436587		0.621147	1.85164	-1.1742	0.233977	1.49511	1.49511	0.248851	2.24683	2.24683	0.356459	0.599942	1.18601	1.18601	0.745582	1.11061	1.11061	0.0509	2.46228	2.46228	0.184624	1.08424	1.08424	0.867461	1.05532	1.05532	0.663373	1.15173	1.15173	1.1307	6.86295	5.06116	1
cg05233774	RPSAP52		0.436604		0.43749	0.737108	-1.35665	0.624113	1.2095	1.2095	0.69567	1.16346	1.16346	0.876561	1.06169	1.06169	0.360409	0.696209	-1.43635	0.265121	1.56402	1.56402	0.936401	0.969734	-1.03121	0.0837527	0.478532	-2.08972	0.168993	0.56872	-1.75833	1.13065	2.65584	2.08795	1
cg22608147	WIPS4		0.436605		0.744882	0.946548	-1.05642	0.509019	1.1193	1.1193	0.0562672	1.43911	1.43911	0.901473	0.02191	1.02191	0.139579	1.26042	1.26042	0.840449	0.966655	-1.0345	0.424497	1.14709	1.14709	0.271609	0.824856	-1.21233	0.845464	0.967702	-1.03338	1.13065	0.506885	0.3985	1
cg01402832	VAS5		0.436606		0.977651	0.994064	-1.00597	0.190581	1.13618	1.13618	0.448954	1.12886	1.12886	0.0507099	0.523304	1.58152	0.626551	0.90023	-1.11083	0.924727	0.980116	-1.02029	0.426657	1.18827	1.18827	0.515226	0.869157	-1.15094	0.688507	0.917022	-1.08942	1.13065	0.808794	0.639854	1
cg11947084	CLDN19;CLDN19		0.436616		0.789353	0.874436	-1.14359	0.0802461	0.37816	-2.64438	0.0711287	0.364154	-2.74609	0.998302	1.00107	1.00107	0.976191	1.01507	1.01507	0.755329	0.855009	-1.16958	0.579202	1.32406	1.32406	0.802495	1.13381	1.13381	0.41848	1.51328	1.51328	1.13063	4.49651	3.53511	1
cg03031376	EGR3		0.436621		0.272981	0.857462	-1.16623	0.0602698	1.10375	1.10375	0.554747	0.813862	0.813862	0.602706	0.894212	0.894212	0.0547	0.914351	0.914351	0.622706	0.935543	-1.0689	0.268316	0.856066	1.16813	1.16813	0.170983	1.12944	1.12944	0.454554	1.10813	1.10813	1.13062	0.325317	0.257063	1
cg25356935	PQDD3;PQDD3		0.436625		0.651241	0.765182	-1.30688	0.377962	0.587403	-1.70241	0.704421	0.799186	-1.25127	0.242298	0.48679	2.08679	0.0539	0.356235	0.280418	-3.5661	0.328453	0.552534	-1.80984	0.319613	0.546126	-1.83107	0.361046	0.379212	-1.72648	0.0738837	0.309532	-3.23068	1.13061	6.19408	4.86981	1
cg21028193	TM2D2;TM2D2;TM2D2;TM2D2		0.436626		0.799889	0.9285	1.0785	0.0798677	1.0021	1.0021	0.0598135	1.03233	1.03233	0.0674429	0.774436	1.29141	0.0729	1.60211	0.624	1.60211	0.793355	0.623097	1.60211	0.774493	1.29141	0.0729	1.29141	0.0729	1.60211	1.13061	0.552618	0.0729	1.60211	1.13061	0.552618	0.0729	1.60211	1.13061	0.552618

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. 4)	p-value(1047 vs. N)	Fold-Change(1 vs. 047 vs. N)	p-value(105 vs. N)	Fold-Change(1 vs. 057 vs. N)	p-value(111 vs. N)	Fold-Change(1 vs. 117 vs. N)	p-value(112 vs. N)	Fold-Change(1 vs. 127 vs. N)	p-value(121 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(121 vs. N)	Fold-Change(1 vs. 217 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25868675	ABCC4;ABCC4	0.437281	0.243645	1.54523	1.54523	0.829052	1.08019	1.08019	0.195247	0.61344	-1.63035	0.885634	1.05268	1.05268	0.807737	1.09086	1.09086	0.868361	0.942545	-1.06096	0.147483	0.574408	-1.74092	0.919652	1.25934	0.130013	1.10986	1.12923	4.004698	3.18563	1.7914	1
cg17630800	EVX1	0.437282	0.326121	3.26947	3.26947	0.189858	5.16867	5.16867	0.648234	1.70314	1.70134	0.773035	1.40152	1.40152	0.688652	8.95988	8.95988	0.54193	0.486078	-2.05728	0.273506	0.264078	-3.78676	0.509964	2.18354	2.18354	0.329073	3.24449	3.24449	1.29727	24.418	19.2203	1
cg09378743	OD23	0.437284	0.490231	0.833975	-1.19908	0.268524	0.741899	-1.34789	0.746985	1.08747	1.08747	0.85511	1.04849	1.04849	1.2207	1.39589	1.39589	0.701575	0.905071	-1.10489	0.054668	1.75881	1.75881	0.980544	0.993703	-1.00634	0.680379	0.898251	-1.11327	1.12927	1.20023	0.944745	1
cg18509271	C14orf4;C14orf4	0.437293	0.561285	1.23301	1.23301	0.932282	1.03877	1.03877	0.717462	1.33823	1.33823	0.771616	1.39396	1.39396	0.815457	1.72176	1.72176	0.186035	0.606555	-1.64865	0.474024	1.29647	1.29647	0.075769	2.02331	2.02331	0.421376	1.3403	1.3403	1.25025	2.27413	1.79008	1
cg25172968	C1orf74;C1orf74	0.437294	0.752771	1.24006	1.24006	0.135144	0.356338	-2.99118	0.171213	0.370836	-2.69661	0.532741	0.650361	-1.53761	0.090552	0.288083	-3.47122	0.551205	1.50764	1.50764	0.413133	0.565693	-1.76774	0.736179	1.25891	1.25891	0.195679	0.52433	-1.9072	1.12925	8.29187	6.52696	1
cg16791134	TMEM45B;SYN2;SYN2	0.437294	0.596326	0.718347	-1.39209	0.0439329	0.238641	-4.19039	0.175418	0.409975	-2.43917	0.735787	1.23316	1.23316	0.446033	0.618364	-1.61717	0.244762	0.470971	-2.12327	0.568086	0.699732	-1.42912	0.588659	0.713294	-1.40195	0.551488	1.45185	1.45185	1.29225	6.84863	5.39091	1
cg05249074	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CAC	0.437298	NA1G;CACNA1G;CACNA1G;CACNA1G	0.200523	0.570301	-1.75346	0.824374	1.09671	1.09671	0.689844	0.846529	-1.18129	0.224895	0.588928	-1.698	0.583153	1.25869	1.25869	0.224787	1.69823	1.69823	0.148771	1.90256	1.90256	0.808647	0.904139	-1.10592	0.466439	0.735046	-1.36046	1.12924	3.08535	2.42866	1
cg17250262	LBH	0.437301	0.243848	0.509892	-1.96206	0.174333	1.03979	-1.56459	0.128308	0.647781	-1.82555	0.970778	1.05268	1.05268	0.807737	1.09086	1.09086	0.891859	0.937343	-1.06685	0.623219	0.369973	-2.7029	0.688502	1.2218	1.2218	0.626821	0.900313	-1.10986	1.12923	4.004698	3.18563	1
cg06813297	EP400	0.437302	0.117999	0.0775757	-12.8906	0.0779269	19.1123	19.1123	0.294864	0.194718	-5.13563	0.638592	2.03904	2.03904	0.725398	1.69886	1.69886	0.610787	0.461602	-2.16637	0.783415	1.51435	1.51435	0.928566	1.14459	1.14459	0.997475	1.00478	1.00478	1.19223	40.5685	31.934	1
cg19069281	CDL4A3BP;COL4A3BP;COL4A3BP	0.437306	0.170667	1.23944	1.23944	0.498435	0.930851	-1.1664	0.294851	0.852313	-1.17327	0.369447	0.871377	-1.14524	0.964619	1.00655	1.00655	0.286445	1.17688	1.17688	0.593166	1.08269	1.08269	0.924503	0.802964	-1.24539	0.548248	0.914492	-1.0935	1.12922	0.58715	0.304752	1
cg21029591	CALM2	0.437307	0.465259	1.32605	1.32605	0.431626	1.35633	1.35633	0.173378	0.562144	1.73342	1.73342	0.589004	0.81291	-1.23015	0.0828213	0.07384	0.07384	0.601768	0.818778	-1.22133	0.279334	0.652399	-1.5328	0.985694	1.00683	1.00683	0.533385	1.27068	1.27068	1.12922	2.57894	2.03006	1
cg03931105	MRPS5	0.437308	0.102597	0.605213	-1.65231	0.823393	0.939271	-1.06466	0.143401	0.642728	-1.55587	0.353376	1.30796	1.30796	0.574567	0.84277	-1.18656	0.769619	1.08607	1.08607	0.757216	0.916511	-1.09109	0.247331	1.40505	1.40505	0.736173	1.09974	1.09974	1.12922	1.41367	1.1128	1
cg07750402	OTUD5;OTUD5;OTUD5_OTUD5	0.437315	0.191043	1.93249	1.93249	0.553265	0.834945	0.479065	-1.2874	0.959154	0.854969	-1.16963	0.247452	0.99512	1.59512	0.238025	0.794031	0.208621	0.128102	-7.8063	0.177037	0.108129	-9.2482	0.87435	1.27805	1.27805	0.801458	0.67664	-1.47789	1.12922	4.82424	3.81946	1
cg11461298	UNCX	0.437324	0.648333	1.22556	1.22556	0.684819	1.19813	1.19813	0.596111	1.26736	1.26736	0.722692	0.853994	-1.17097	0.228547	0.571331	-1.7503	0.882287	0.936476	-1.06783	0.0801492	0.423193	-2.36299	0.164693	1.92826	1.92826	0.57271	0.776875	-1.28721	1.12919	3.50901	2.76227	1
cg08530075	KCNFO5	0.437329	0.584834	0.757945	-1.31936	0.48071	0.607622	-1.41344	0.140732	0.451145	-2.21658	0.901005	1.30796	1.30796	0.574567	0.84277	-1.18656	0.951612	0.960975	-1.03095	0.421947	0.662263	-1.50996	0.168106	2.00153	2.00153	0.526416	0.724372	-1.38051	1.12918	4.51299	3.55258	1
cg08385569	DEF8	0.437337	0.0374842	0.560909	-1.78341	0.319842	1.27053	1.27053	0.467548	1.18789	1.18789	0.835111	0.952631	-1.04975	0.908617	0.973361	-1.02711	0.715525	0.917119	-1.09037	0.962473	0.721043	1.01102	1.01102	0.306979	0.78281	-1.27745	0.763072	1.07296	1.07296	1.12916	0.970211	0.763763	1
cg21544585	TMEM155;LOC100192379	0.43734	0.129414	0.441094	-2.26709	0.141234	0.453657	-2.20431	0.283656	1.74448	1.74448	0.71496	0.832575	-1.20109	0.276192	0.567877	-1.76094	0.952386	0.97061	-1.03028	0.447723	0.679395	-1.4719	0.873783	1.08266	1.08266	0.193093	0.502552	-1.98984	1.12915	4.46304	3.51338	1
cg18128018	OTOP3	0.437343	0.384486	0.72702	-1.37554	0.238932	0.622834	-1.60556	0.211294	0.537905	-1.85936	0.550506	0.8058	1.241	0.889389	1.55079	1.55079	0.952821	0.979072	-1.02138	0.163012	0.587257	-1.70283	0.19228	5.20216	5.20216	0.182516	0.545242	1.24464	1.24464	1.12915	2.28518	1.79984	1
cg26204042	RDX	0.437347	0.466199	1.62258	1.62258	0.582415	0.695947	-1.43689	0.746632	0.809291	-1.23565	0.403418	1.74734	1.74734	0.545824	0.93547	-1.06951	0.478144	1.60112	1.60112	0.329355	0.227804	2.27804	0.037943	4.81044	4.81044	0.300947	2.01294	2.01294	1.12914	7.63918	5.99802	1
cg19819155	SPIS11	0.437356	0.170949	0.819188	-1.22072	0.455556	0.695899	-1.11124	0.341275	0.845559	-1.18266	0.236637	0.841298	-1.18766	0.158697	0.813795	-1.22881	0.907173	1.10408	1.10408	0.529536	1.09102	1.09102	0.924564	0.828064	-1.20764	0.185129	0.825145	-1.21191	1.12911	0.214486	0.263323	1
cg04860977	FAM155A	0.437366	0.170334	0.407004	-2.45953	0.601502	0.715419	-1.35977	0.398603	1.65539	1.65539	0.254882	2.08035	2.08035	0.250783	1.88994	1.88994	0.201029	2.19811	2.19811	0.400423	1.65203	1.65203	0.604564	0.807454	-1.11426	0.979557	1.24682	1.24682	0.0470744	0.843851	1.51069	1.10704	0.844381	1
cg26515213	CRADD	0.437372	0.770257	1.2226	1.2226	0.764756	0.258597	-3.86701	0.915628	0.929851	-1.07544	0.64395	0.726572	-1.37633	0.697767	0.765041	-1.30712	0.152556	0.349375	-2.86226	0.256252	0.443387	-2.25536	0.343568	1.95352	1.95352	0.564349	1.4917	1.4917	1.12909	8.42291	6.63103	1
cg02275875	TCEA1	0.437373	0.536355	1.86497	1.86497	0.0233625	0.479065	-2.08574	-1.0874	0.959354	0.914354	-1.09412	0.412123	0.842854	1.24229	0.232808	0.747676	-1.33748	0.293018	0.178855	0.710505	0.178925	-5.58955	0.178077	0.712507	-1.4035	0.329097	0.791274	-1.26378	1.12909	0.464949	0.760457	1
cg07613512	PKNOX2	0.437376	0.353664	0.639344	-1.5641	0.404514	0.670454	-1.49153	0.0599317	0.369762	-2.70444	0.342529	1.58153	1.58153	0.313601	1.6299	1.6299	0.567598	0.762762	-1.31103	0.546394	0.75117	-1.33126	0.900516	1.06037	1.06037	0.528212	0.741162	-1.34923	1.12908	3.92801	3.09311	1
cg06523807	MIR1253	0.437379	0.584804	0.757945	-1.31936	0.48071	0.607622	-1.41344	0.140732	0.451145	-2.21658	0.901005	1.30796	1.30796	0.574567	0.84277	-1.18656	0.951612	0.960975	-1.03095	0.421947	0.662263	-1.50996	0.168106	2.00153	2.00153	0.526416	0.724372	-1.38051	1.12918	4.51299	3.55258	1
cg24758426	C20orf195	0.437383	0.397866	0.781997	-1.27878	0.741992	0.901062	-1.1098	0.92032	1.02883	1.02883	0.411115	0.787622	-1.26964	0.258025	0.715137	1.39833	0.436148	1.25318	1.25318	0.903392	1.0351	1.0351	0.0527007	1.86945	1.86945	0.744951	1.09716	1.09716	1.12907	1.44303	1.13607	1
cg08908089	APBA2;APBA2	0.437386	0.255187	0.439382	-2.27502	0.782489	1.21117	1.21117	0.560794	1.50255	1.50255	0.754345	1.24273	1.24273	0.191772	0.384178	-2.60296	0.438949	0.578979	-1.72718	0.0458548	0.205053	-4.87678	0.53311	0.645964	-1.54807	0.876007	0.897541	-1.11415	1.12906	8.56984	6.74688	1
cg16095584	KCTD8	0.437401	0.197083	0.76705	-1.30376	0.36291	0.67844	-1.52012	0.305542	0.621855	-1.60809	0.127471	0.497201	-2.012	0.0890109	0.431706	2.31639	0.910713	0.973218	-1.02752	0.664299	0.72631	-1.37682	0.210463	1.32008	1.32008	0.0790002	0.937717	-1.06642	1.12903	0.710749	0.824457	1
cg04351541	KIF1A	0.437415	0.632033	0.869658	-1.14988	0.179773	0.513535	1.51335	0.559176	1.18645	1.18645	0.631502	1.15013	1.15013	0.756721	1.08587	1.08587	0.078978	1.75875	1.75875	0.187071	1.49906	1.49906	0.628865	0.80818	-1.1514	0.415381	0.785863	-1.27249	1.129	1.49819	1.17956	1
cg07906432	ROR1;ROR1	0.437424	0.0796432	0.560909	-1.78341	0.319842	1.27053	1.27053	0.467548	1.18789	1.18789	0.835111	0.952631	-1.04975	0.908617	0.973361	-1.02711	0.715525	0.917119	-1.09037	0.962473	0.721043	1.01102	1.01102	0.306979	0.78281	-1.27745	0.763072	1.07296	1.07296	1.12907	0.970211	0.763763	1
cg20842326	PTPRN2;PTPRN2;PTPRN2	0.437426	0.104376	0.245016	-4.08137	0.135634	0.279676	-3.57557	0.62612	0.677752	-1.47547	0.144656	0.289032	-3.45983	0.157457	0.301916	3.31218	0.270992	0.403361	-2.47917	0.207208	0.34863	-2.86837	0.253977	3.389172	-2.56956	0.493036	0.576072	-1.7359	1.12898	11.2223	8.83577	1
cg24140200	C10orf107	0.437432	0.337857	1.5225	1.5225	0.126207	0.21262	2.02162	0.207616	1.2535	1.2535	0.124383	2.02965	2.02965	0.268744	1.63242	1.63242	0.206527	1.76267	1.76267	0.381569	1.64694	1.64694	0.662822	1.20521	1.20521	0.631977	1.22789	1.22789	1.12897	3.23645	2.54821	1
cg03402223	ZNF536	0.437433	0.953647	1.04954	1.04954	0.9342	1.04726	1.04726	0.994626	1.05164	1.05164	0.886594	1.08594	1.08594	0.695187	1.36478	1.36478	0.601	0.824331	1.3541	0.232153	0.423687	-2.36023	0.233318	2.42464	2.42464	0.354716	0.885129	1.25251	1.12896	0.973895	0.813122	1
cg06018748	IRIG3	0.437435	0.947883	1.02065	1.02065	0.163202	0.627888	-1.59264	0.550194	1.20808	1.20808	0.362401	1.34009	1.34009	0.408701	0.767791	1.30244	0.847002	0.941384	-1.06227	0.117974	1.70034	1.70034	0.214824	1.50428	1.50428	0.731743	1.11361	1.11361	1.12893	1.74833	1.37659	1
cg15323570	C9orf58;C9orf58	0.437456	0.539443	0.8189	-1.22105	0.152614	0.44324	-1.64324	0.314203	0.776519	-1.28804	0.273659	1.35594	1.35594	0.324696	1.21646	1.21646	0.160409	0.807454	-1.23866	0.705144	0.911164	-1.09743	0.207549	1.11946	1.11946	0.112953	1.51069	1.51069	1.12892	1.07074	0.844381	1
cg19188205	SERAC1;GTF2H5	0.437463	0.141708	0.71531	-1.39173	0.702433	0.929723	-1.07559	0.473977	0.87089	-1.14825	0.626383	1.08761	1.08761	0.741357	1.08321	1.08321	0.289889	0.811777	-1.23187	0.144247	1.34685	1.34685	0.306338	0.836506	-1.19545	0.853296	0.96547	-1.03576	1.12892	0.64433	0.507334	1
cg01558660	CDC37L1	0.437476	0.23596	0.451674	-2.21399	0.512022	0.654782	-1.52723	0.844608	1.13282	1.13282	0.887246	0.913792	-1.09434	0.841835	0.880761	-1.13538	0.584761	0.70389	-1.42068	0.990617	0.992556	-1.0075	0.0219779	0.165742	-6.03348	0.747775	0.81456	-1.22766	1.14842	7.18818	4.86825	1
cg21693883	CDS4A1	0.437482	0.912801	1.09555	1.09555	0.842167	1.13681	1.13683	0.444392	1.5521	1.5521	0.190054	1.31441	1.31441	0.0976007	1.32967	1.32967	0.188527	1.33313	1.71345	0.0966655	1.02503	1.02503	0.19044	1.58482	1.58482	0.0977	0.843485	1.33433	1.12891	2.67629	2.10728	1
cg26194015	ELK3	0.437462	0.755643	1.1129	1.1129	0.123365	0.77161	1.77161	0.222969	1.5508	1.5508	0.81755	1.0824	1.0824	0.388177	0.738568	-1.35397	0.292422	1.00326	1.00326	0.784259	1.09859	1.09859	0.0509462	2.07598	2.07598	0.980733	0.99176	-1.00831	1.12891	2.09911	1.65281	1
cg20177315	FGF3	0.437465	0.170535	0.819188	-1.22072	0.455556	0.695899	-1.11124	0.341275	0.845559	-1.18266	0.236637	0.841298	-1.18766	0.158697	0.813795	-1.22881	0.907173	1.10408	1.10408	0.529536	1.09102	1.09102	0.924564	0.828064	-1.20764	0.185129	0.825145	-1.21191	1.12911	0.214486	0.263323	1
cg20641531	ICA1;ICA1;ICA1	0.43748	0.89021	0.921147	-1.0856	0.0936838	0.334108	-2.99304	0.359365	0.570953	-1.75146	0.63786	1.30351	1.30351	0.290893	1.91899	1.91899	0.188527	0.583313	-1.71435	0.0966655	0.22503	-4.44357	0.153115	1.50212	1.50212	0.112698	1.58782	1.58782	1.12879	1.15779	1.15779	1.12908	1.28241	1.0096	1
cg24758426	C20orf195	0.437483	0.411919	0.632997	-1.57979	0.913363	0.942405	-1.06112	?	?	?	?	?	?	?	?	?	0.436148	1.25318	1.25318	0.903392	1.0351	1.0351	0.0527007	1.86945	1.86945	0.744951	1.09716	1.09716	1.12907	1.44303	1.13607	1
cg08908089	APBA2;APBA2	0.437486	0.255187	0.439382	-2.27502	0.782489	1.21117	1.21117	0.560794	1.50255	1.50255	0.754345	1.24273	1.24273	0.191772	0.384178	-2.60296	0.438949	0.578979	-1.72718	0.0458548	0.205053	-4.87678	0.53311	0.645964	-1.54807	0.876007	0.897541	-1.11415	1.12906	8.56984	6.74688	1
cg16095584	KCTD8	0.437491	0.197083	0.76705	-1.30376	0.36291	0.67844	-1.52012	0.305542	0.621855	-1.60809	0.127471	0.497201	-2.012	0.0890109	0.431706	2.31639	0.910713	0.973218	-1.02752	0.664299	0.72631	-1.37682	0.210463	1.32008	1.32008	0.0790002	0.937717	-1.06642	1.12903	0.710749	0.824457	1
cg04351541	KIF1A	0.437415	0.632033	0.869658	-1.14988	0.179773	0.513535	1.51335	0.559176	1.18645	1.18645	0.631502	1.15013	1.15013	0.756721	1.08587	1.08587	0.078978	1.75875	1.75875	0.187071	1.49906	1.49906	0.628865	0.80818	-1.1514	0.415381	0.785863	-1.27249	1.129	1.49819	1.17956	1
cg07906432	ROR1;ROR1	0.437424	0.0796432	0.560909	-1.78341	0.319842	1.27053	1.27053	0.467548	1.18789	1.18789	0.835111	0.952631	-1.04975	0.908617	0.973361	-1.02711	0.715525	0.917119	-1.09037	0.962473	0.721043	1.01102	1.01102	0.306979	0.78281	-1.27745	0.763072	1.07296	1.07296	1.12907	0.970211	0.763763	1
cg20842326	PTPRN2;PTPRN2;PTPRN2	0.437426	0.104376	0.245016	-4.08137	0.135634	0.279676	-3.57557	0.62612	0.677752	-1.47547	0.144656	0.289032	-3.45983	0.157457	0.301916	3.31218	0.270992	0.403361	-2.47917	0.207208	0.34863	-2.86837	0.253977	3.389172	-2.56956	0.493036	0.576072	-1.7359	1.12898	11.2223	8.83577	1
cg24140200	C10orf107	0.437432	0.337857	1.5225	1.5225	0.126207	0.21262	2.02162	0.207616	1.2535	1.2535	0.124383	2.02965	2.02965	0.268744	1.63242	1.63242	0.206527	1.76267	1.76267	0.381569	1.64694	1.64694	0.662822	1.20521	1.20521	0.631977	1.22789	1.22789	1.12897	3.23645	2.54821	1
cg03402223	ZNF536	0.437433	0.953647	1.04954	1.04954	0.9342	1.04726	1.04726	0.994626	1.05164	1.05164	0.886594	1.08594	1.08594	0.695187	1.36478	1.36478	0.601	0.824331	1.3541	0.232153	0.423687	-2.36023	0.233318	2.42464	2.42464	0.354716	0.885129	1.25251	1.12896	0.973895	0.813122	1
cg06018748	IRIG3	0.437435	0.947883	1.02065	1.02065	0.163202	0.627888	-1.59264	0.550194	1.20808	1.20808	0.362401	1.34009	1.34009	0.408701	0.767791	1.30244	0.847002	0.941384	-1.06227	0.117974	1.70034	1.70034	0.214824	1.50428	1.50428	0.731743	1.11361	1.11361	1.12893	1.74833	1.37659	1
cg15323570	C9orf58;C9orf58	0.437456	0.539443	0.8189	-1.22105	0.152614	0.44324	-1.64324	0.314203	0.776519	-1.28804	0.273659	1.35594	1.35594	0.324696	1.21646	1.21646	0.160409	0.807454	-1.23866	0.705144	0.911164	-1.09743	0.207549	1.11946	1.11946	0.112953	1.51069	1.51069	1.12892	1.07074	0.844381	1
cg19188205	SERAC1;GTF2H5	0.437463	0.141708	0.71531	-1.39173	0.702433	0.929723	-1.07559	0.473977	0.87089	-1.14825	0.626383	1.08761	1.08761	0.741357	1.08321	1.08321	0.289889	0.811777	-1.23187	0.144247	1.34685	1.34685	0.306338	0.836506	-1.19545	0.853296	0.96547	-1.03576	1.12892	0.64433	0.507334	1
cg01558660	CDC37L1	0.437476	0.23596	0.451674	-2.21399	0.512022	0.654782	-1.52723	0.844608	1.13282	1.13282	0.887246	0.913792	-1.09434	0.841835	0.880761	-1.13538	0.584761	0.70389	-1.42068	0.990617	0.992556	-1.0075	0.0219779	0.165742	-6.03348	0.747775	0.81456	-1.22766	1.14842	7.18818	4.86825	1
cg21693883	CDS4A1	0.437482	0.912801	1.09555	1.09555	0.842167	1.13681	1.13683	0.444392	1.5521	1.5521	0.190054	1.31441	1.31441	0.0976007	1.32967	1.32967	0.188527	1.33313	1.71345	0.0966655	1.02503	1.02503	0.19044	1.58482	1.58482	0.0977	0.843485	1.33433	1.12891	2.67629	2.10728	1
cg26194015	ELK3	0.437462	0.755643	1.1129	1.1129	0.123365	0.77161	1.77161	0.222969	1.5508	1.5508	0.81755	1.0824	1.0824	0.388177	0.738568	-1.35397	0.292422	1.00326	1.00326	0.784259	1.09859	1.09859	0.0509462	2.07598	2.07598	0.980733	0.99176	-1.00831	1.12891	2.09911	1.65281	1
cg20177315	FGF3	0.437465	0.170535	0.819188	-1.22072	0.455556	0.695899	-1.11124	0.341275	0.845559	-1.18266	0.236637	0.841298	-1.18766	0.158697	0.813795	-1.22881	0.907173	1.10408	1.10408	0.529536	1.09102	1.09102	0.924564	0.828064	-1.20764	0.185129	0.825145	-1.21191	1.12911	0.214486	0.263323	1
cg20641531	ICA1;ICA1;ICA1	0.43748	0.89021	0.921147	-1.0856	0.0936838	0.334108	-2.99304	0.359365	0.570953	-1.75146	0.63786	1.30351	1.30351	0.290893	1.91899	1.91899	0.188527	0.583313	-1.71435	0.0966655	0.22503	-4.44357	0.153115	1.50212	1.50212	0.112698	1.58782	1.58782	1.12879	1.15779	1.15779	1.12908	1.28241	1.0096	1
cg25325380	MMD2;MMD2	0.437467	0.439921	0.632997	-1.57979	0.913363	0.942405	-1.06112	?	?	?	?	?	?	?	?	?	0.436148	1.25318	1.25318	0.903392	1.0351	1.0351	0.0527007	1.86945	1.86945	0.744951	1.09716	1.09716	1.12907	1.44303	1.13607	1
cg10195726	ZFPM1	0.437493	0.15124	0.522588	-1.91355	0.613449	1.2398	1.2398	0.170035	0.539728	-1.85278	0.547016	0.773213	-1.29327	0.0773096	0.436608	2.29039	0.238702	0.594087	-1.68325	0.487405	0.742503	-1.3468	0.9197	1.04347	1.04347	0.317163	0.646391	-1.54705	1.12884	3.18355	2.50683	1
cg09102817	MTERF1D;PTDSS1	0.437502	0.35302	1.5313	1.5313	0.120135	0.20605	2.02165	0.198504	1.26901	1.26901	0.0965442	2.02185	2.02185	0.260605	1.66809	0.127471	0.497201	-2.012	0.0890109	0.431706	2.31639	0.910713	0.973218	-1.02752	0.664299	0.72631	-1.37682	0.210463	1.32008	0.710749	0.824457	1
cg17590523	DLC1	0.437502	0.929117	0.980829	-1.01955	0.163452	0.723552	-1.38207	0.933879	0.982109	-1.01822	0.92589	0.979962	-1.02045	0.435101	1.18917	1.18917	0.802892	1.05592	1.05592	0.179777	0.73347	-1.36338	0.0554461	0.623565	-1.60368	0.755781	0.934374	-1.07024	1.12882	0.842045	0.666373	1
cg26127021	UMO1	0.437503	0.182308	0.71124	-1.40228	0.159745	0.698253	-1.43119	0.301753	0.826859	0.755707	-1.32536	0.227438	0.738857	-1.35344	0.704147	0.912902	-1.09534	0.704147	0.912902	-1.09534	0.667413	0.901895	-1.10878	0.749853	0.1094	1.0794	0.185619	1.39828	1.39828	0.938919	1.01847	1.01847	1.12882	1.02005	0.863258	1
cg21690450	ITGBL1	0.437511	0.270658	1.57052	1.57052	0.146077	1.02698	1.02698	0.156284	0.599228	-1.66809	0.124771	0.481253	-2.0782	0.0890109	0.431706	2.31639	0.910713	0.973218	-1.02752	0.664299	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg14244439	RDR2	0.437997	0.207096	0.472659	-1.11569	0.92433	0.948308	-1.05451	0.526565	0.698244	-1.43126	0.342208	0.578103	-1.7288	0.533109	0.702332	-1.42383	0.160627	0.429197	-2.32993	0.0872811	0.54262	-1.91869	0.1476331	0.4158566	-2.404648	0.1221208	0.387571	-2.58017	1.44726	5.55149	3.76359	1
cg01870456	CARKD	0.437999	0.0683047	0.693337	-1.4423	0.1963513	0.758933	-1.31764	0.773743	0.943431	-1.05595	0.517301	1.1418	1.1418	0.862898	1.04545	1.04545	0.958347	1.01061	1.01061	0.420467	0.846831	-1.18087	0.6729986	0.917826	-1.08953	0.1568059	1.35784	1.35784	1.82782	0.7287793	0.5743999	1
cg02272710	RPI9	0.4188004	0.44108	0.870724	-1.14847	0.550838	1.11221	1.11221	0.241964	1.24086	1.24086	0.370963	0.850543	-1.17572	0.147754	0.76059	-1.31477	0.786231	1.04907	1.04907	0.179485	1.28562	1.28562	0.982299	1.00392	1.00392	0.3784071	1.17263	1.17263	1.1278	0.5546222	0.43713	1
cg18663499	B4GALT4;B4GALT4	0.4188019	0.327889	0.848269	-1.17687	0.368189	0.860161	-1.16224	0.0442392	0.686211	-1.45728	0.574646	0.91179	-1.09674	0.34502	0.853443	-1.17172	0.118915	0.758881	-1.31756	0.988463	1.00236	1.00236	0.528595	0.901222	-1.10963	0.2073571	0.805218	1.2419	1.12777	0.474222	0.373772	1
cg13439595	LPAR1;LPAR1	0.43802	0.748257	1.09259	1.09259	0.935599	1.02247	1.02247	0.355249	0.760882	-1.2989	0.981183	0.993535	-1.00651	0.0107047	0.486705	-2.05463	0.397104	1.26928	1.26928	0.71167	0.902945	-1.10749	0.938432	1.02147	1.02147	0.53197	0.840193	-1.1902	1.12777	1.35075	1.06464	1
cg26808618	KLF6;KLF6;KLF6;KLF6	0.4188027	0.313916	1.8234	1.8234	0.119393	2.68064	2.68064	0.50763	1.48023	1.48023	0.800824	1.15893	1.15893	0.078007	1.13497	1.13497	0.734438	1.30475	1.30475	0.491631	1.50315	1.50315	0.389458	1.67295	1.67295	0.495958	1.49687	1.49687	1.0276	0.6809	4.79291	1
cg04935306	PREX1	0.4188027	0.0782851	0.726194	-1.37704	0.443447	0.8800326	-1.13633	0.942136	1.01194	1.01194	0.236886	0.816526	-1.2247	0.107231	0.750078	-1.33319	0.129278	0.764834	-1.30747	0.431551	0.876954	-1.14031	0.739142	0.946807	-1.05618	0.9787775	1.00436	1.00436	1.12776	0.47784	0.376629	1
cg05261893	EPHB1	0.418803	0.674874	0.864376	-1.15704	0.755503	1.12359	1.12359	0.199421	0.608932	-1.65829	0.122559	1.86674	1.86674	0.0957202	0.509254	-1.9792	0.715866	1.14611	1.14611	0.825099	1.08607	1.08607	0.739982	1.1323	1.1323	0.7788663	0.900331	-1.11073	1.12775	2.48574	1.95925	1
cg08246494	TOX ;MIR2 ;MIR3 ;MIR4 ;MIR5 ;MIR6 ;MIR7 ;MIR8 ;MIR9 ;MIR10 ;MIR11 ;MIR12 ;MIR13 ;MIR14 ;MIR15 ;MIR16 ;MIR17 ;MIR18 ;MIR19 ;MIR20 ;MIR21 ;MIR22 ;MIR23 ;MIR24 ;MIR25 ;MIR26 ;MIR27 ;MIR28 ;MIR29 ;MIR30 ;MIR31 ;MIR32 ;MIR33 ;MIR34 ;MIR35 ;MIR36 ;MIR37 ;MIR38 ;MIR39 ;MIR40 ;MIR41 ;MIR42 ;MIR43 ;MIR44 ;MIR45 ;MIR46 ;MIR47 ;MIR48 ;MIR49 ;MIR50 ;MIR51 ;MIR52 ;MIR53 ;MIR54 ;MIR55 ;MIR56 ;MIR57 ;MIR58 ;MIR59 ;MIR60 ;MIR61 ;MIR62 ;MIR63 ;MIR64 ;MIR65 ;MIR66 ;MIR67 ;MIR68 ;MIR69 ;MIR70 ;MIR71 ;MIR72 ;MIR73 ;MIR74 ;MIR75 ;MIR76 ;MIR77 ;MIR78 ;MIR79 ;MIR80 ;MIR81 ;MIR82 ;MIR83 ;MIR84 ;MIR85 ;MIR86 ;MIR87 ;MIR88 ;MIR89 ;MIR90 ;MIR91 ;MIR92 ;MIR93 ;MIR94 ;MIR95 ;MIR96 ;MIR97 ;MIR98 ;MIR99 ;MIR100 ;MIR101 ;MIR102 ;MIR103 ;MIR104 ;MIR105 ;MIR106 ;MIR107 ;MIR108 ;MIR109 ;MIR110 ;MIR111 ;MIR112 ;MIR113 ;MIR114 ;MIR115 ;MIR116 ;MIR117 ;MIR118 ;MIR119 ;MIR120 ;MIR121 ;MIR122 ;MIR123 ;MIR124 ;MIR125 ;MIR126 ;MIR127 ;MIR128 ;MIR129 ;MIR130 ;MIR131 ;MIR132 ;MIR133 ;MIR134 ;MIR135 ;MIR136 ;MIR137 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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(114P vs. N)	Fold-Change(114P vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error	F(Treat	SS(Test)	SS(Error)	
cg17253459	OLFML3	0.438626	0.193296	1.57933	0.57533	0.360855	1.36347	1.36347	0.137666	1.69517	1.69517	0.7020052	0.13532	1.13532	0.840027	1.06494	1.06494	0.159715	1.64213	1.64213	0.05232687	2.07172	2.07172	0.453006	1.30232	1.30232	0.770285	1.03149	1.03149	1.12654	1.94453	1.53432	1
cg15847845	PLCE1;PLCE1	0.438635	0.620814	0.650409	-1.53749	0.583635	1.61614	1.61614	0.982763	1.01881	1.01881	0.85088	1.17626	1.17626	0.136405	1.30746	1.30746	0.577982	-1.73016	0.084266	0.190288	-5.25519	0.576693	0.764844	-1.30746	0.255211	2.78617	2.78617	0.116605	0.229756	-4.35244	1.26252	1.13.2757	10.4753	1
cg09628359	SLC18A1;SLC18A1;SLC18A1;SLC18A1	0.438636	0.343343	0.66144	-1.51185	0.159951	1.88842	1.88842	0.545102	1.29604	1.29604	0.308268	1.56287	1.56287	0.28069	0.62202	-1.60767	0.898753	1.05538	1.05538	0.220726	0.579772	-1.72482	0.771072	0.883788	-1.13149	0.340546	0.659757	-1.51571	1.12652	3.19873	2.52397	1
cg27644672	MAD1L1;MAD1L1;MAD1L1	0.438637	0.860943	0.85767	-1.16867	0.292434	2.64065	2.64065	0.355515	1.23777	1.23777	0.601773	1.59691	1.59691	0.04758B9	1.13338	1.13338	-1.50183	1.13338	-1.50183	0.0600114	-1.66635	0.494094	0.539388	-1.85395	0.676089	0.688295	-1.45287	1.1622	14.1001	11.1258	1
cg12076358	TAPBP;TAPBP;TAPBP	0.438649	0.491284	0.657102	-1.52183	0.728216	1.23312	1.23312	0.962489	0.972146	-1.02865	0.810954	1.15481	1.15481	0.620086	0.740692	-1.35009	0.33089	0.547367	-1.82693	0.163994	2.44019	0.857205	0.275732	-3.62671	0.787296	1.17639	1.17639	1.1265	6.43721	5.07944	1
cg17466567	ETV5	0.438652	0.10408	0.548481	-1.82322	0.950798	0.97936	2.29437	0.108107	0.606902	1.19172	1.19172	0.302666	0.697076	-1.44536	0.089047	1.88479	1.88479	0.018469	0.938598	-1.07458	0.998382	0.839708	-1.00026	0.599934	0.836217	-1.19586	0.560382	0.819429	-1.22036	1.6049	2.03789	1.60886	1
cg26194447	CNIH	0.438653	0.221649	0.405865	-2.46387	0.189715	2.65134	2.65134	0.225755	2.44239	2.44239	0.775482	0.818134	-1.22229	0.154172	0.342739	-2.91767	0.638473	0.717352	-1.39402	0.488954	0.610516	-1.63796	0.707844	1.30247	1.30247	0.601454	0.690784	-1.44763	1.62649	8.79115	6.93693	1
cg07805603	METAP2	0.438656	0.305624	0.29128	-3.43512	0.173254	0.74756	-1.41284	0.611763	1.81576	1.81576	0.665658	0.602506	-1.65973	0.218413	0.237143	-4.21586	0.240014	0.238416	-4.1934	0.0991663	0.114625	-8.70892	0.40053	0.364828	-2.72607	0.159877	0.170437	-5.86725	1.12648	24.2209	19.1302	1
cg27536453	LRRC34	0.438659	0.296093	0.905607	1.10424	0.95988	1.09547	-1.09547	0.812672	0.92196	-1.08459	0.210196	0.200632	0.883641	-1.13168	0.302144	1.10277	0.118789	0.856456	-1.1676	0.942585	1.00661	-1.00661	0.187982	0.880136	-1.13619	0.592041	1.05075	1.05075	1.12648	0.19442	0.117905	1
cg18881247	NR4A2	0.438674	0.601804	0.883166	-1.13229	0.661223	1.10967	1.10967	0.347007	1.25674	1.25674	0.810961	0.945022	-1.05818	0.117907	0.669859	-1.49285	0.250606	0.753294	-1.3275	0.371667	1.24167	1.24167	0.473069	1.18793	1.18793	0.252949	1.32549	1.32549	1.12644	0.993532	0.784007	1
cg16578949	HMHB	0.438676	0.492793	0.975571	-1.02541	0.189	1.32626	1.32626	0.145398	1.33352	1.33352	0.746598	0.835496	-1.19702	0.782641	1.13579	1.13579	0.050883	1.26084	1.26084	0.0508619	1.34852	1.34852	0.051196	1.26084	1.26084	0.0508619	1.34852	1.34852	1.12644	0.24855	0.33141	1
cg00478603	AHRR	0.43868	0.449206	1.65671	1.64271	0.80693	2.80693	2.80693	0.261894	2.15086	2.15086	0.647753	0.451762	1.36505	0.706175	1.60575	1.60575	0.539928	1.50114	1.50114	0.0694868	3.87781	3.87781	0.251479	2.19091	2.19091	0.402825	0.570939	-1.7515	1.12643	7.64553	6.03324	1
cg14577940	FLI99653;FLI39653	0.438732	0.982641	0.905408	-1.10564	0.958423	0.57947	-1.74506	0.867728	1.05198	1.05198	0.099408	0.577467	-1.73164	0.234925	1.66206	1.66206	0.792911	1.19219	1.19219	0.70896	0.892271	-1.12074	0.618281	0.865931	-1.15483	1.16263	1.16263	1.16466	1.38111	1
cg10185571	RTN4IP1;QRSL1	0.438752	0.802359	0.963121	-1.03829	0.638251	0.931507	-1.07353	0.376029	0.806098	-1.24054	0.335994	1.16026	1.16026	0.877373	0.0234	1.0234	0.852984	0.972588	-1.02818	0.106091	0.768042	-1.30201	0.376679	0.872911	-1.14559	0.112389	0.771848	-1.29559	0.12633	0.400458	0.316039	1
cg18131499	GPR157	0.438734	0.203745	0.426016	-2.34733	0.421602	0.593206	-1.68576	0.358809	1.8225	1.8225	0.909669	1.07486	1.07486	0.761716	0.792734	-1.26146	0.723011	0.797418	-1.25405	0.161286	0.386114	-2.58991	0.601068	1.38574	1.38574	0.140363	2.74282	2.74282	1.26332	7.21794	5.69637	1
cg20564458	UQCC;UQCC	0.438745	0.74686	1.30944	1.30944	0.11063	2.23963	2.23963	0.102404	2.64073	2.64073	0.406747	1.40647	1.40647	0.469418	1.84775	1.84775	0.007098	2.64933	2.64933	0.14052	2.96781	2.96781	0.130709	3.34193	3.34193	0.441142	2.26684	2.63713	1.26332	0.43727	0.28692	1.27255	1.34756	1
cg23637396	PLAC9	0.438778	0.47515	0.590938	-1.69222	0.0489207	0.09782	0.09782	0.832998	0.858173	-1.16527	0.991092	1.00812	1.00812	0.496947	0.606782	-1.64804	0.738679	0.784649	-1.27446	0.155179	0.332243	-3.00985	0.761503	0.802117	-1.2467	0.698883	0.7546	-1.32521	1.12623	9.35913	7.38677	1
cg15196514	LOC100130987	0.438779	0.702186	0.838324	-1.19245	0.823234	0.969196	-1.03178	0.616215	0.850062	-1.17638	0.727407	1.11906	1.11906	0.325944	0.721732	-1.38565	0.449131	0.775963	-1.28872	0.0344919	0.422566	-2.36649	0.997566	0.75696	-1.32107	0.677859	1.14371	1.14371	1.12623	1.3431	1.45468	1
cg16722931	SEPTI;SEPT9	0.438781	0.626092	0.747463	-1.33786	0.186347	2.29417	2.29437	0.401288	1.66402	1.66402	0.2981	1.20496	1.20496	0.0856257	1.52429	-1.30405	0.459881	0.640123	-1.5622	0.22887	0.672884	-2.11468	0.66599	0.773032	-1.29361	0.947364	0.96162	-1.03991	1.12623	6.26765	4.94682	1
cg15111908	INCENP;INCENP	0.438786	0.766765	0.847521	-1.17991	0.20425	2.10694	2.10694	0.540242	1.41184	1.41184	0.557461	1.39098	1.39098	0.0868303	0.34925	-2.86328	0.496312	0.680979	-1.46847	0.267693	1.90076	1.90076	0.542357	0.709602	-1.40924	0.66862	0.787003	-1.27064	1.6222	5.51894	4.35593	1
cg15999937	LRIN1	0.438788	0.447501	0.742171	-1.34739	0.23278	1.11411	1.11411	-1.75339	0.916972	0.808827	-1.23636	0.404433	1.37824	0.0172924	0.808827	-1.23636	0.404433	1.37824	0.0172924	0.808827	-1.23636	0.404433	1.37824	0.0172924	0.754315	1.11961	1.11961	-1.02475	0.0856744	1.50479	0.664722	1.12623	2.51003	1.82324	1
cg07946923	RING1	0.438788	7	7	7	1.182271	0.448672	-2.2288	0.372081	1.6756	1.6756	0.835456	1.12379	1.12379	0.380839	0.608853	-1.64243	0.425677	1.5806	1.5806	7	7	7	0.448349	1.54452	1.54452	0.211902	2.10357	2.10357	1.26329	4.28185	3.79501	1
cg04509607	PRC1;PRC1;PRC1	0.438789	0.301171	0.455883	-2.19354	0.238212	0.97303	-1.0456	0.867728	1.05198	1.05198	0.099408	0.577467	-1.73164	0.234925	1.66206	1.66206	0.792911	1.19219	1.19219	0.70896	0.892271	-1.12074	0.618281	0.865931	-1.15483	1.16263	1.16263	1.16466	1.38111	1
cg26251585	THSD7A	0.438791	0.113801	0.450775	-2.2184	0.364622	0.649576	-1.53947	0.944564	0.968307	-1.03273	0.854186	1.08894	1.08894	0.806233	0.892423	1.12054	0.636815	0.802309	-1.2464	0.702398	0.837117	-1.19458	0.190862	1.89923	1.89923	0.150181	2.04284	2.04284	1.26221	3.82561	3.01946	1
cg13327734	MED11	0.438795	0.945751	0.982261	-1.01806	0.155479	1.4915	1.4915	0.330537	1.30225	1.30225	0.209452	0.706139	-1.41615	0.301238	0.754478	-1.32542	0.509998	0.838801	-1.19218	0.540578	1.17697	1.17697	0.946829	1.0177	1.0177	0.226054	1.39705	1.39705	1.1262	1.21397	0.97395	1
cg24630373	ZNF521	0.438795	0.717209	0.834419	-1.20763	0.570247	1.46556	1.46556	0.206055	1.23886	1.23886	0.444481	1.35822	1.35822	0.606303	1.15632	-1.15632	0.267921	1.3122	1.3122	0.460003	1.36277	1.36277	0.831391	1.9592009	1.9592009	0.154253	1.870363	1.870363	1.03241	0.032462	0.025805	0.537107	1
cg22939043	WDR27	0.438797	0.449166	0.869616	-1.14993	0.13734	1.36577	1.36577	0.538513	1.12028	1.12028	0.524382	1.12396	1.12396	0.983352	1.00379	1.00379	0.130249	0.743755	-1.34453	0.391401	0.852937	-1.17242	0.938473	0.986113	-1.01408	0.370758	0.846633	-1.18115	1.1262	0.58527	0.461945	1
cg23800590	PKD1	0.438798	0.650259	0.210252	-4.8376	0.174868	0.94622	-1.0566	0.242178	0.626942	-2.34224	0.967851	0.545333	1.83376	0.317897	0.480207	-2.07561	0.395228	0.544192	-1.83755	0.134067	0.326014	-3.06725	0.0443	0.225	-4.44037	-2.01314	0.388353	0.539135	-1.85482	1.12619	8.70966	6.87442	1
cg14604475	TRAF2	0.438799	0.15253	0.679575	-1.47151	0.114498	0.645986	-1.54802	0.3566	0.780742	-1.27	0.185276	0.701789	-1.42493	0.771412	0.929196	1.07262	0.621372	0.787724	-1.13801	0.600781	0.651103	0.787524	-1.27124	0.701608	0.907513	1.10191	1.26219	1.13143	0.894606	1
cg07581973	PRDX4	0.438801	0.183723	0.263583	-3.79387	0.349473	0.402298	-2.48572	0.757508	1.34017	1.34017	0.125662	4.79136	4.79136	0.322254	2.62929	2.62929	0.219069	0.303217	-3.29797	0.778105	0.765606	-1.30615	0.97688	1.02778	1.02778	0.742112	1.36641	1.36641	1.12619	15.9425	12.5833	1
cg25224568	NECAB1;NECAB1	0.438804	0.440412	0.743211	-1.34781	0.19341	1.11411	1.11411	-1.75339	0.916972	0.808827	-1.23636	0.404433	1.37824	0.0172924	0.808827	-1.23636	0.404433	1.37824	0.0172924	0.808827	-1.23636	0.404433	1.37824	0.0172924	0.754315	1.11961	1.11961	-1.02475	0.0856744	1.50479	0.664722	1.12623	2.51003	1.82324	1
cg27057652	PXDNL	0.438812	0.257149	0.43385	1.43385	0.323379	0.732857	-1.36452	0.518464	0.819161	-1.22076	0.601985	1.17391	1.17391	0.24464	1.449	1.449	0.668767	1.14014	1.14014	0.59764	1.17621	1.17621	0.838381	1.77335	1.77335	0.461603	0.795827	-1.25656	1.12616	1.65607	1.30715	1
cg24720161	MAR5	0.438817	0.318864	0.488553	-2.04802	0.312112	0.71403	-1.40048	0.963785	1.012	1.012	0.854543	1.13543	1.13543	0.0214486	1.62353	1.62353	0.319464	1.17306	1.17306	0.281485	1.81333	1.81333	0.282222	1.77403	1.77403	0.184098	1.98595	1.98595	1.12617	3.44566	2.93896	1
cg15730313	LRRC14B;LRRC14B	0.438817	0.267871	0.544953	-1.83502	0.222651	0.509638	-1.96218	0.494758	0.694429	-1.44003	0.714084	0.824033	-1.21354	0.0325305	0.268169	-3.72899	0.392504	0.630809	-1.58527	0.736649	0.837336	-1.19426	0.17408	0.467414	-2.13943	0.37272	0.617958	-1.61823	1.12615	0.93429	3.89471	1
cg09822488	GCH1;GCH1;GCH1;GCH1	0.438824	0.827299	0.91436	-1.09366	0.293256	0.56736	-1.83899	0.0454067	0.27739	-3.60503	0.320417	0.563452	-1.77478	0.126065	0.396574	-2.5216	0.265717	0.523058	-1.91183	0.849374	0.89221	-1.11209	0.249493	0.510419	-1.95917	0.611067	0.750829	-1.33186	1.12614	5.56878	4.39557	1
cg25008118	GPR123	0.438824	0.544327	0.7	1.42857	0.686173	0.621526	-1.62534	0.325765	0.691759	-1.63463	0.532299	0.762432	-1.31149	0.615256	0.7	1.42857	0.284547	1.4725	1.4725	0.0664398	0.802527	-1.31009	0.0311943	0.294072	-3.40053	0.367099	0.638586	-1.56559	1.12614	4.19026	3.29879	1
cg19063141	FUNL;FUNL	0.438829	0.176539	0.152298	-6.56606	0.512612	0.419018	-2.38653	0.852815	0.784057	-1.27542	0.158671	7.19625	7.19625	0.210165	5.63931	5.63931	0.214452	0.180519	-5.53959	0.547968	0.45097	-2.21744	0.880351	1.21811	1.21811	0.897137	0.844155	-1.18462	1.12613	30.0212	24.1545	1
cg06613012	STXBP4	0.438833	0.424414	0.71096	-1.40645	0.238406	0.62574	-1.59832	0.911564	1.03496	1.03496	0.991314	1.00362	1.00362	0.0264855	1.62707	1.62707	0.844335	1.06752	1.06752	0.134834	1.56604	1.56604	0.648	1.16568	1.16568	0.115374	1.76401	1.76401	1.12615	1.35455	1.15565	1
cg01121712	TPPP3;TPPP3;TPPP3;TPPP1	0.438833	0.636882	1.09668	1.09668	0.608626	1.51034	1.51034	0.717427	1.0735	1.0735	0.247042	1.26643	1.26643	0.963994	1.00319	1.00319	0.705444	0.928574	-1.07692	0.255094	1.26096	1.26096	0.343839	1.826717	1.2096	0.285094	1.24194	1.24194	1.26212	0.679217	0.53613	1
cg03636916	RBFZ4;CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.438845	0.195992	0.788914	-1.26757	0.768463	0.710929	-1.40661	0.340489	0.843385	-1.1857	0.524292	1.11839	1.11839	0.310485	0.833631	-1.19957	0.815693	0.960323	-1.04132	0.867805	0.971528	-1.02931	0.996349	0.999207	-1.00079	0.120273	0.746606	-1.3394	1.2261	0.53623	0.423275	1
cg01776691	AMC2B;CAMK2B;CAMK2B;CAMK2B	0.438856	0.273596	0.588098	-1.7004	0.148821	0.25741	-3.88245	0.0162	0.753416	-1.32729	0.201927	1.83725	1.83725	0.98167	0.947654	-1.05524	0.543438	0.758035	-1.33185	0.219833	1.82421	1.82421	0.659006	1.22989	1.22989	0.466888	0.708248	-1.41193	1.12607	3.87195	3.0564	1
cg22430565	C1orf49;C1orf49;C1orf49;C1orf49	0.438861	0.293077	0.568351	-1.75933	0.2	1.34242	1.34242	0.205741	0.948305	0.980309	-1.01081	0.967637	1.03399	0.0144239	1.62115	1.62115	0.331686	1.85966	1.85966	0.196208	1.81334	1.81334	0.242619	1.54019	1.54019	0.13606	1.90593	1.90593	1.04239	0.154845	0.140266	1
cg17385936	TMEM18;TMEM108	0.438863	0.113361	0.36998	0.36998	0.232389	0.241837	-2.41837	0.231098	0.242486	-2.42486	0.345303	0.198454	1.98454	0.441655	0.575091	-1.73885	0.646364	0.721979	-1.38508	0.400497	0.545073	-1.83462	0.706916	1.30519	1.30519	0.600773	0.689114	-1.45108	1.12606	8.86755	6.99986	1
cg04039627	FAM98B;FAM98B;CES2;CES2	0.438863	0.649486	1.21257	1.21257	0.651015	0.923998	-1.08229	0.865359	1.07551	1.07551	0.071884	1.20818	1.20818	0.0497412	1.15211	1.15211	0.242619	0.559951	-1.78564	0.0433079	0.798166	-1.25303	0.0981	0.742007	-1.34707	0.0981111	-2.14207	0.18206	0.342662	2.56281	1
cg17300966	PCDHB19P;PCDHB15	0.438879	0.331866	0.73201	-1.36591	0.630154	0.51625	-1.9375	0.664225	0.844315	-1.18435	0.676272	1.33385	1.33385	0.400268	0.749855	-1.33356	0.617091	0.51592	-1.93926	0.0434138	0.515816	-1.93926	0.0434138	0.515816	-1.93926	0.0434138	0.515816	-1.93926	1.12623	0.72603	0.863468	1
cg26306572	TMEM92;TMEM92	0.43888	0.365236	0.719474	-1.3899	0.838696	0.930408	-1.0748	0.207124	0.624498	-1.60128	0.63159	0.830785	-1.20368	0.818979	0.922079	-1.08451	0.265034	0.662936	-1.50844	0.0377015	0.426121	-2.34675	0.306977	0.687792	-1.45393	0.606692	1.20174	1.20174	1.12603	2.23148	1.76312	1
cg03729113	DPY30	0.438889	0.311105	0.599459	-1.66799	0.174868	0.94622	-1.0566	0.242178	0.626942	-2.34224	0.967851	0.545333	1.83376	0.317897	0.480207	-2.07561	0.110245	0.703945	-1.42045	0.0248	0.302714	-3.30145	0.0443	0.225	-4.44037	-2.01314	0.388353	0.539135	-1.85482	1.12619	8.70966	6.87442	1
cg06969846	MAD1L1;MAD1L1;MAD1L1	0.43889	0.168594	0.7357	-1.35925	0.957314	0.01126	-1.01126	0.998197	1.00047	1.00047	0.524477	0.873763	-1.14447	0.693785	0.675982	-1.47933	0.364157	0.822745	-1.21544	0.755641	1.0675	1.0675	0.178359	0.741426	-1.34875	0.127703	0.708517	-1.4114	1.2601	0.780653	0.616262	1
cg12452386	PLA2G4E	0.438891	0.717428	0.922918	-1.08352	0.892862	0.970696	-1.03019	0.0851223	0.656945	-1.5222	0.532511	0.869762	-1.14974	0.937367	0.982804	-1.0175	0.0820974	1.52983	1.52983	0.97684	1.00643	1.00643	0.352063	0.809477	-1.23537	0.975627	1.00677	1.126	0.868728	0.685791	1
cg00632607	LAP1;C12orf4	0.438893	0.269275	1.13539	1.13539	0.650505	0.950908	-1.05163	0.523999	1.07387	1.07387	0.826126	0.976012	-1.02458	0.149208	1.18613	1.18613	0.073026	0.801976	-1.24692	0.915971	0.9189	-1.01172	0.63195	1.0547	1.0547	0.926971	1.01017	1.01017	1.126	0.217215	0.171475	1
cg07556915	BAGAN74	0.438895	0.083473	0.548117	-1.82436	0.242121	1.14321	1.14321	0.282283	1.25382	1.25382	0.166055	0.892035	-1.12083	0.612098	1.63275	1.63275	0.402301	1.76856	1.76856	-1.10015	0.326459	0.727322	-1.37491	0.248914	0.694717	-1.44046	0.162581	0.53994	-1.85162	1.65607	0.627598	0.857588	-1.16606	1.12599	0.76132	1.93943	1
cg07582382	MEIG1	0.438897	0.253918	0.804238	-1.24341	0.593657	0.906216	-1.10349	0.530136	0.890212	-1.12333	0.337933	0.834736	-1.19798	0.29136	1.25271	1.25271	0.859874	0.968204	-1.03284	0.0506046	0.665417	-1.50282	0.946571	1.01233	1.01233	0.530288	0.890252	-1.12328	1.12599	0.59631	0.470743	1
cg07187609	PLEKHM2	0.438903	0.829555	1.24075	1.24075	0.0565341	0.85321	0.85321	0.0537558	0.80052	0.80052	0.863965	1.1811	1.1811	0.741339	1.13728	1.13728	0.235671	1.18964	1.18964	0.748375	1.3445	1.3445	0.0491403	1.60387	1.60387	0.0764993	0.751847	-1.33006	1.12598	16.6519	13.1466	1
cg14442449	UCC10132111	0.438907	0.391703	1.14089	1.14089	0.529154	0.908682	-1.10049	0.366333	0.869878	-1.14959	0.300227	0.851083	-1.17497	0.499742	1.10838	1.10838	0.170402	1.05922	1.05922	0.956092	1.38402	1.38402	0.574364	1.08897	1.08897	0.94359	1.01069	1.01069	1.12597	0.40233	0.317616	1
cg13868654	ITGAE;GSG2	0.438911	0.478163	0.882088	-1.13367	0.23044	1.24471	1.24471	0.269446	1.22152	1.22152	0.246888	0.810043	-1.2345	0.529767	0.895158	-1.11712	0.532982	1.11613	1.11613	0.134826	1.32378	1.32378	0.696394	0.93405	-1.07061	0.652974	0.924272	-1.08193	1.12596	0.539836	0.426172	1
cg27605414	JPH3	0.438913	0.344106	0.776716	-1.28785	0.515367	0.914152	-1.09415	0.881478	1.27921	1.27921	0.458605	0.813362	-1.22948	0.0172691	1.56379	1.56379	0.0855479	1.27573	1.27573	0.0110045	1.70345	1.70345	0.0172691	1.56379	1.56379	0.0855479	1.27573	1.27573	1.12596	0.89317	0.71115	1
cg02492708	RPL3L	0.438925	0.352085	0.490465	-2.03888	0.453911	0.76391	-1.76391	0.664199	0.722566	-1.38396	0.371165	0.509587	-1.96237	0.105959	0.268847	-3.71958	0.950496	0.954861	-1.04727	0.184788	0.351213	-2.84728	0.124579	0.29025	-3.44531	0.253132	0.411511	-2.43007	1.12593	9.86908	7.79132	1
cg06158433	EED;EED	0.438935	0.705107	0.824117	-1.21327	0.778952	0.913957	-1.09454	0.914078	1.08914	1.08914	0.576173	1.17766	1.17766	0.395428	0.730877	-1.36853	0.574502	0.744075	-1.34389	0.227599	0.733974	-1.3967	0.934536	0.937897	-1.06553	0.743193	0.748158	-1.33602	1.12593	1.48914	1.08391	1
cg20862119	KRT76	0.438938	0.687138	0.870129	-1.14925	0.673752	0.864595	-1.15661	0.0433838	0.450115	-2.22166	0.751331	1.11543	1.11543	0.324099	1.41894	1.41894	0.841423	1.07125	1.07125	0.366309	0.726943	-1.37562	0.591733	0.830252	-1.20445	0.237423	0.653591	-1.53001	1.12591	2.10526	1.66207	1
cg22253771	ATP11A;ATP11A	0.438939	0.13153	0.487989	-2.04923	0.794653	0.890798	-1.12259	0.634873	1.23625	1.23625	0.534411	1.32174	1.32174	0.138734	0.49334	-2.027	0.422442	1.43803	1.43803	0.344317	0.648578	-1.54184	0.314255	1.58627	1.58627	0.770141	1.13871	1.13871	1.12591	3.5048	2.767	1
cg03325535	GABRA5;GABRA5;GABRA5	0.438945	0.840555	0.939176	1.06501	0.275137	1.67255	1.67255	0.760066	1.07474	1.07474	0.0394706	1.14302	1.14302	0.140751	1.42898	1.42898	0.0784947	1.64043	1.64043	0.0464311	2.00043	2.00043	0.0053172	1.2267	1.2267	0.0400843	1.47764	1.47764	1.1259	0.56023	0.40223	1
cg10076902	OGDH	0.438955	0.0789177	0.117079	-8.54124	0.854542	0.21958	0.21958	0.855661	1.2177	1.2177	0.153323	0.188009	-5.31889	0.165149	0.198434	-5.03946	0.370792	0.368623	-2.7128	0.481831	0.460651	-2.17084	0.198025	0.226727	-4.41059	0.301486	0.312203	-3.20305	1.1452	20.7680	14.1054	1
cg16421467	FAM71D	0.438959	0.315133	0.703086	-1.42231	0.274433	0.70962	-1.40225	0.153674	0.62025	-1.61208	0.0962	1.64849	1.64849	0.530279	1.24062	1.24062	0.245101	1.02306	1.02306	0.0150336	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1377 vs. N)	Fold-Change(1 vs.1377)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg24288715	LOC285796		0.4439384		0.4739287	-1.11475	0.06661199		0.983106	-5.51554	0.095813	0.2193737	4.55509	0.9465559	0.19538	1.0351	0.3513139	0.451784	2.21345		0.5535001	0.608654	-1.64297	0.853837	1.16505	1.16505	0.7628239	0.782877	-1.27734	0.473866	1.828228	1.82828	1.12501	12.226	9.66004	1
cg11153505	ATP11A;ATP11A		0.439387		0.67068	0.874171	-1.14394	0.687206	0.8805512	-1.1357	0.459314	1.626786	1.26786	0.199203	1.95398	1.02393	1.02393		0.2522295	0.685117	-1.4596	0.0806619	1.855611	1.85611	0.7286515	0.8062299	-1.1157	0.517679	0.813458	-1.22932	1.44227	1.75059	1.1899	1
cg09723341	PPL		0.4393389		0.9325104	0.953126	-1.04918	0.437102	1.56749	1.56749	0.267785	1.92423	1.92423	0.862056	1.10364	1.10364	0.61083	1.747521	-1.33776		0.7119494	1.23403	1.23403	0.176073	0.4423732	-2.26054	0.150982	0.417858	-2.39316	0.212252	2.1064	2.1064	1.125	5.72809	4.52592	1
cg27067648	TMOD3		0.4393398		0.9972161	1.00056	1.00056	0.716051	1.060267	1.060267	0.7950352	1.04259	1.04259	0.656286	1.0307958	-1.07439	0.586385	0.9157071	-1.092		0.5907854	0.916717	-1.09085	0.0196458	0.636449	-1.57073	0.600395	0.918883	-1.08836	0.1778331	0.8650593	-1.15599	1.13498	0.4572539	0.3612282	1
cg14796605	FOXJ2		0.439401		0.265234	1.35804	1.35804	0.386617	0.7914417	-1.26356	0.733057	1.09443	1.09443	0.38523	0.790849	-1.26446	0.140887	1.51811	1.51811		0.65303	1.12711	1.12711	0.521385	1.18686	1.18686	0.207982	0.704734	-1.41898	0.439914	0.8125514	-1.23075	1.24097	1.23789	0.978115	1
cg12378449	PC;IFFN4;PC-PC		0.4394041		0.7382885	0.900755	-1.11018	0.994285	0.99777	-1.00224	0.5449365	0.827941	-1.20781	0.163855	0.629338	-1.58897	0.0324595	0.458122	-2.18283		0.97359	0.989734	-1.01037	0.9040818	0.7176241	-1.39349	0.227926	0.674026	-1.48362	0.641292	0.863942	-1.15749	1.0497	1.73104	1.36777	1
cg02010894	CHERP		0.4394045		0.691381	0.809236	-1.23573	0.663749	1.26117	1.26117	0.119807	2.44803	2.44803	0.25095	0.52924	-1.8895	0.484797	1.4573	1.4573		0.5444464	1.38459	1.38459	?	?	?	0.224996	0.508632	-1.96606	0.523591	0.7097714	-1.40902	1.11769	4.42766	3.96145	1
cg26799772	G6PD;GGPD;IKBKG;IKBKG-IKBKG;IKBKG		0.439441		0.206228	0.176915	-5.65245	0.1123257	0.10586	-9.44643	0.653639	0.166252	-1.79816	0.36372	3.36235	0.367395	0.647795	1.66032	1.66032		0.134787	0.123123	-8.12194	0.849833	1.2792	1.2792	0.564851	0.20798	2.07798	0.894885	1.18736	1.18736	1.12495	30.0694	23.7595	1
cg26681523	ZBTB40;ZBTB40		0.4394419		0.493862	0.597686	-1.67312	0.296533	2.22952	2.22952	0.479148	1.70394	1.70394	0.933522	0.94007	-1.06375	0.0422734	0.17677	-5.65707		0.4569	0.570494	-1.75287	0.363726	0.500844	-1.99663	0.833449	0.855571	-1.16881	0.986642	0.987675	-1.01248	1.24693	9.77684	7.72536	1
cg03136679	ZNF620;ZNF620		0.4394423		0.1915651	0.78392	-1.27554	0.56399	0.1800868	0.538706	1.85604	0.2188694	1.4906	1.4906	0.1102055	1.01051	0.9944387	1.466497	-1.25549		0.2297722	0.6652061	-1.50329	0.3749014	1.20017	1.20017	0.5620997	0.827285	-1.20877	0.1112886	0.5714084	-1.75006	1.12493	1.88423	1.47387	1
cg22956060	SRGAP3;SRGAP3		0.4394429		0.7502161	1.16461	1.16461	0.6600383	0.3635158	-2.7509	0.406084	1.50001	1.50001	0.505577	1.38019	1.38019	0.4447421	0.910565	-1.09822		0.6055325	0.799486	-1.2823	0.77681	0.8739219	-1.14519	0.246302	0.560824	-1.78309	0.323953	1.62568	1.62568	1.14291	4.0538	3.20324	1
cg04167280	FNDC5		0.4394429		0.764	1.13019	1.12019	0.1870562	1.69409	1.69409	0.0618478	2.4681	2.4681	0.402115	0.8083	1.30083	0.3083	0.376286	1.402813	1.402813		0.8105438	0.94634	-1.0567	0.104373	0.58314	1.50314	0.454986	0.839658	-1.19096	0.994256	1.00165	1.00165	1.14291	0.9395576	0.742439	1
cg17303578	SLC27A6;SLC27A6		0.4394435		0.5917754	0.792297	-1.26215	0.6832165	1.192295	1.19295	0.695138	0.844188	-1.84857	0.134172	0.537033	-1.86208	0.30586	0.633848	-1.57767		0.521297	1.32256	1.32256	0.273375	1.63267	1.63267	0.128188	0.493004	-2.02838	0.295069	0.626885	-1.59519	1.2349	3.29505	2.60373	1
cg13792075	ABCC5;ABCC5		0.4394465		0.315906	1.31544	1.31544	0.652776	1.12746	1.12746	0.7284953	0.785145	1.08535	0.6499118	1.1282	1.12842	0.919374	0.875987	-1.1457		0.9969001	1.03101	1.03101	0.8679712	0.582457	1.71682	0.132332	1.53638	1.53638	0.972362	0.9908882	1.00909	1.12488	1.24551	0.984214	1
cg22675745	DIRC3		0.4394445		0.340158	0.810622	-1.23362	0.717714	0.925392	-1.08062	0.996759	1.00087	1.00087	0.797522	0.946572	-1.05644	0.0478406	0.616801	-1.62127		0.9945227	1.00147	1.00147	0.712003	1.08241	1.08241	0.950199	0.986749	-1.01343	0.0786285	0.658903	-1.51767	1.24888	8.21605	6.642162	1
cg05964622	PSMG3;KIAA1908;KIAA1908;KIAA1908

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg02507175	PKNOX1	0.440175	0.420251	0.87513	-1.14269	0.158879	1.27615	1.27615	0.496581	1.1183	1.1183	0.739501	1.05554	1.05554	0.390212	1.15329	-1.15329	1.17044	0.733464	1.05693	1.05693	0.272536	1.20321	1.1234	0.466823	0.369372	1
cg23268249	DPY19L3	0.440194	0.786174	0.819302	-1.22055	0.862963	0.88109	-1.13496	0.454702	1.7498	1.7498	0.918519	0.927765	-1.07786	0.407935	0.536694	-1.86326	0.747336	1.26738	1.26738	0.49551	1.66237	1.66237	0.08559223	4.50945	6.47347	1
cg21500342	SOCS3	0.440203	0.264678	0.760277	-1.31531	0.259554	1.31954	1.31954	0.118455	0.670589	-1.49123	0.515233	0.855937	-1.16831	0.129332	0.679524	-1.47162	0.468722	0.840467	-1.18981	0.336132	0.791508	-1.26341	0.475422	0.842737	-1.18661	0.934125	1.01968	1.01968	1.12335	0.988854	0.782466	1
cg16511795	LRPAP1	0.440204	0.90525	0.97214	-1.02866	0.831343	1.05197	1.05197	0.443018	0.827094	-1.20907	0.161812	1.42543	1.42543	0.137765	0.684393	-1.46117	0.653647	1.13133	1.13133	0.149225	1.44337	1.44337	0.73932	1.08246	1.08246	0.427396	1.212	1.212	1.12335	1.0017	0.792634	1
cg01381545	GPR64;GPR64;GPR64;GPR64	0.440214	0.291909	0.501859	-1.99259	0.555615	0.68672	-1.4562	0.98672	0.989562	-1.01055	0.0400647	0.46314	0.46314	0.50642	1.52961	1.52961	0.365665	0.55656	-1.79675	0.847089	1.12943	1.12943	0.984547	1.01229	1.01229	0.87909	0.908489	-1.10073	1.12333	0.707153	5.59571	1
cg07609200	C11orf90	0.440216	0.61882	0.795163	-1.2576	0.214693	1.81649	1.81649	0.625034	1.25244	1.25244	0.137752	0.487315	-2.07592	0.454161	0.705798	-1.41684	0.438557	0.696928	-1.43487	0.092053	0.428441	-2.33404	0.778283	0.87897	-1.13768	0.867047	0.926289	-1.07958	1.1232	3.17541	2.94802	1
cg05730108	FARP1	0.440219	0.484497	3.64383	3.64383	0.509223	3.38271	3.38271	0.413429	0.218309	-4.58067	0.259064	0.11729	-8.52584	0.311746	0.148866	-6.71746	0.08484546	32.0851	32.0851	0.981075	1.04412	1.04412	0.383906	0.196909	-5.07849	0.951292	1.1176	1.1176	1.12331	58.9363	46.6368	1
cg26460378	WDR62;THAP8;WDR62;THAP8	0.440222	0.364518	1.32871	1.32871	0.566452	1.13728	1.13728	0.997321	1.00147	1.00147	0.636789	0.897799	-1.11136	0.257931	1.29959	1.29959	0.468877	0.848447	-1.17862	0.685893	0.656187	-1.52396	0.995086	1.00137	1.00137	0.2123512	1.32668	1.32668	1.12331	0.876651	0.693705	1
cg00621574	PHLPP2	0.440235	0.388119	0.927273	-1.07841	0.408448	0.930429	-1.07477	0.0655033	0.838227	-1.19299	0.51528	0.945238	-1.05793	0.473691	0.939691	-1.06418	0.898502	1.01095	1.01095	0.154862	1.13879	1.13879	0.492039	0.942291	-1.06124	0.976657	0.907506	1.0025	1.12328	0.126635	0.102585	1
cg14248680	SERPINB6	0.440252	0.97552	0.996445	-1.00357	0.04187	0.761722	-1.31281	0.233115	0.864942	-1.15615	0.768656	0.966349	-1.03482	0.14604	0.834345	-1.19855	0.656151	1.05338	1.05338	0.924007	1.01113	1.01113	0.517769	0.925681	-1.08029	0.939989	1.00878	1.00878	1.12325	0.239596	0.189605	1
cg21889537	ATRX;ATRX	0.440258	0.266726	0.377143	-2.65172	0.151895	0.442822	-2.2589	0.219119	0.683428	1.44707	1.44707	0.626236	6.60906	0.018052	0.974412	-1.0972	0.240582	0.33042	-3.02644	0.465836	0.512261	1.95213	0.99807	1.00116	1.00116	0.71337	0.717104	1.3945	1.12324	14.4518	11.4367	1
cg05214125	RAB18	0.440262	0.850186	0.9042	-1.10595	0.501974	1.4375	1.4375	0.825196	0.888866	-1.12503	0.904121	2.70117	2.70117	0.126221	2.41357	2.41357	0.368624	0.61153	-1.63524	0.487085	0.686572	-1.45651	0.85914	0.909731	-1.09923	0.491336	0.68917	-1.45102	1.12323	5.04577	3.99307	1
cg24797965	FLI00739	0.440263	0.535307	1.07611	1.07611	0.19907	1.16651	1.16651	0.89845	1.03497	1.03497	0.661152	0.951642	-1.05082	0.463204	1.08753	1.08753	0.029579	1.3193	1.3193	0.609598	1.03958	1.03958	0.312196	1.12466	1.12466	0.470513	1.086	1.086	1.12323	0.215551	0.177783	1
cg12751005	DDC	0.440265	0.377113	0.635766	-1.57291	0.633331	0.786487	-1.27148	0.177664	0.488755	-2.04603	0.719299	1.19765	1.19765	0.305591	0.588518	-1.69918	0.729247	1.18924	1.18924	0.0991858	0.309428	-3.23568	0.396511	0.647975	-1.54327	0.551379	0.739942	-1.35146	1.12322	4.44285	3.51596	1
cg12780678	PXDN	0.440269	0.183744	2.222504	-4.49431	0.963415	1.049	1.049	0.520173	0.505013	-1.98015	0.201855	4.19367	4.19367	7	7	1	0.178642	4.5881	4.5881	0.777655	1.34382	1.34382	0.343658	2.79636	2.796636	0.734851	-1.37959	1.60151	16.9232	10.937	1
cg09225208	DAB2IP	0.440269	0.252682	0.362669	-2.76038	0.192575	1.30312	1.30312	0.552879	1.656521	1.66562	0.458665	1.56266	1.562664	-1.89889	0.324069	0.420837	-2.37622	0.260258	0.368638	-2.71269	0.201301	0.317632	-3.1483	0.718757	0.735407	-1.35979	0.262976	0.170913	-2.69605	1.12322	12.8478	10.1625	1
cg01660168	HMCN1	0.440277	0.72005	0.891238	-1.12203	0.897377	1.04215	1.04215	0.119535	1.71678	1.71678	0.241009	0.675228	-1.48098	0.385235	0.752153	-1.32952	0.15233	1.63322	1.63322	0.790006	1.08915	1.08915	0.402011	0.760014	-1.31576	0.764114	0.908202	-1.10308	1.2332	1.82097	1.4411	1
cg01886094	MAD1L1;MAD1L1;MAD1L1	0.440284	0.641379	1.307214	-1.67444	0.560523	1.16298	1.16298	0.670987	1.60515	1.60515	0.852194	1.22749	1.22749	0.201942	0.59122	-1.69199	0.357677	0.553635	-1.80698	0.222208	0.744553	-1.34352	0.994289	0.815978	-1.22532	0.874668	1.03748	1.03748	1.12318	0.966362	0.76478	1
cg15338778	TSPYL4	0.440295	0.688309	0.87235	-1.14633	0.420896	1.3211	1.3211	0.183479	1.61273	1.61273	0.773706	0.892414	-1.12056	0.239014	0.658622	-1.51832	0.159063	0.600672	-1.6648	0.670289	0.86499	-1.15608	0.230607	1.53098	1.53098	0.816269	1.08201	1.08201	1.12316	2.04014	1.6146	1
cg16585159	KDELC2	0.440298	0.541386	1.2499	1.2499	0.424425	1.1825	1.1825	0.57929	0.990248	-1.00985	0.954906	1.24391	1.24391	0.309467	0.80511	-1.24201	0.821786	1.08466	1.08466	0.885064	0.98243	-1.01784	0.98243	0.922513	1.08443	0.884222	1.12313	0.29712	0.42093	1
cg17453374	LDOC1	0.440317	0.384609	0.677114	-1.47686	0.763829	0.876515	-1.14088	0.3115118	1.57514	1.57514	0.259839	1.67216	1.67216	0.241262	0.501568	-1.99375	0.189934	0.54851	-1.83537	0.450906	1.39933	1.39933	0.928499	0.961503	-1.04004	0.540683	0.762691	-1.31115	1.12312	3.40316	2.69342	1
cg14461006	SH3PXD2B	0.440318	0.596605	0.788545	-1.26816	0.186646	1.86376	1.86376	0.346724	1.5387	1.5387	0.638111	1.23454	1.23454	0.141781	0.495312	-2.01893	0.223421	1.76634	1.76634	0.245575	1.71624	1.71624	0.548721	1.30979	1.30979	0.950931	1.02775	1.02775	1.12312	3.51835	2.7846	1
cg14269510	LRCH1;LRCH1;LRCH1	0.440319	0.325903	0.651355	-1.53526	0.859261	0.927732	-1.0779	0.652976	0.825894	-1.21081	0.137096	0.508237	-1.96759	0.898119	1.05563	1.05563	0.165989	1.85593	1.85593	0.153991	1.9308	1.9308	0.759209	0.878149	-1.13876	0.684231	0.841295	-1.18864	1.12311	3.17732	2.5147	1
cg22155131	EFNB1	0.440332	0.105261	2.362669	-2.55208	0.179025	0.871727	-1.1788	0.134509	0.598185	-1.67172	0.202363	0.158135	2.175731	0.245627	2.25524	2.25524	0.188988	2.12724	2.12724	0.21485	2.30085	2.30085	0.350686	-2.85155	0.940918	0.61705	0.870691	0.83907	1.2254	1.2254	0.426176	17.7444	14.5676	1
cg03837963	C16orf45;C16orf45	0.440327	0.0705195	0.313871	-3.18602	0.184744	0.446444	-2.23992	0.917922	0.942617	-1.06088	0.926219	1.05453	1.05453	0.102481	0.359013	-2.78542	0.241266	0.494977	-2.0203	0.618491	0.749899	-1.33351	0.334832	0.565411	-1.76863	0.970767	1.02123	1.02123	1.2331	5.84607	4.62694	1
cg20622866	ATF2;MIR933	0.440331	0.217387	4.53	4.53	0.745842	1.05	1.05	0.52092	1.28655	1.28655	0.32003	1.51122	1.51122	0.293549	1.53164	1.53164	0.12536	7.086	7.086	7	7	1	0.139142	0.450356	0.45036	1.0201	1.0201	1.12311	17.5336	15.0674	1
cg22702331	LMO3;LMO3	0.440336	0.547839	0.83956	-1.1911	0.0526588	1.88408	1.88408	0.75236	0.91306	-1.09522	0.583943	0.852977	-1.17236	0.163966	1.53277	1.53277	0.556935	0.857737	-1.16586	0.513447	1.22082	1.22082	0.670533	0.884219	-1.13094	0.97471	0.990926	-1.00916	1.12308	1.47071	1.16403	1
cg06783548	SYNJ1;SYNJ1	0.440337	0.302674	0.180644	-5.53574	0.968745	0.939453	-1.06445	0.958971	1.08547	1.08547	0.211109	0.30795	0.307953	0.146501	12.3272	12.3272	0.132553	0.0729511	-13.7078	0.684959	1.91694	1.91694	0.763127	0.617524	-1.61937	0.672215	1.97194	1.97194	1.44223	45.0017	30.6426	1
cg19042540	GTPBP1;GTPBP3;GTPBP3	0.440340	0.840781	0.96049	-1.04174	0.188654	0.754596	-1.3237	0.551095	1.13848	1.13848	0.194803	1.31633	1.31633	0.0962582	1.62641	1.62641	0.867384	1.03411	1.03411	0.685271	1.02558	1.02558	0.33107	0.854355	1.17434	0.729287	0.725428	0.714397	1.31881	1.31881	1.31308	0.604855	0.565429	1
cg24284436	NPAS1;NPAS1	0.440349	0.77612	0.949648	-1.05302	0.713381	0.934874	-1.06966	0.686382	0.70944	-1.40956	0.340067	1.19502	1.19502	0.358246	0.832944	-1.20056	0.304031	2.21725	2.21725	0.952372	0.91088	1.10088	0.366931	1.18288	1.18288	0.393494	1.17162	1.17162	1.12305	0.584026	0.462253	1
cg01049755	GSof174	0.440468	0.247174	0.464468	-2.15403	0.0887	1.16874	1.16874	0.881973	1.29955	1.29955	0.545025	1.3568	1.3568	0.0818557	1.73693	1.73693	0.2247	0.46607	-2.14592	0.198369	0.614882	-1.62631	0.881657	1.09944	-1.03472	0.80033	1.02312	1.02312	1.12303	0.188336	0.150826	1
cg24545324	NSUN2	0.440362	0.11231	0.469547	-2.12971	0.333258	1.54717	1.54717	0.954975	0.975613	-1.025	0.335348	0.647636	-1.54408	0.151025	0.510232	-1.95989	0.126084	0.484934	-2.06214	0.515581	0.749551	-1.33413	0.65119	0.819535	-1.2202	0.755837	0.872498	-1.14613	1.12303	1.40094	2.69186	1
cg19202886	FAIM2	0.440362	0.316871	1.7152	1.7152	0.926022	1.14962	1.14962	0.56697	0.733474	-1.36337	0.280101	1.7958	1.7958	0.132212	2.33302	2.33302	0.405329	1.55883	1.55883	0.0979659	2.5768	2.5768	0.259289	1.84716	1.84716	0.205611	2.00623	2.00623	1.12303	4.83581	3.82761	1
cg18806862	TRIP12	0.440376	0.276887	2.4242	2.4242	0.710099	1.31009	1.31009	0.867058	0.949389	-1.05353	0.838847	1.9404	1.9404	0.0973203	2.14677	2.14677	0.539323	1.24449	1.24449	0.253482	1.44617	1.44617	0.600114	1.17499	1.17499	0.137235	1.60626	1.60626	1.12303	1.73803	1.37642	1
cg03439646	NBP3	0.440378	0.669054	1.09907	1.09907	0.129227	0.69757	-1.43355	0.287361	0.784512	-1.27468	0.875267	1.03511	1.03511	0.0537064	0.617997	-1.61813	0.784671	1.06202	1.06202	0.959067	0.988788	-1.01134	0.545627	0.87427	-1.14381	0.330577	0.802068	-1.24678	1.12299	0.858426	0.679474	1
cg15355227	HSPA8;HSPA8	0.440382	0.853973	1.04179	1.04179	0.853973	0.82739	-1.62579	0.200953	1.63653	1.63653	0.0819452	0.93452	1.07069	0.0633384	0.931681	-1.15627	0.336804	2.7263	2.7263	0.0732581	1.2081	1.2081	0.0998173	1.26146	1.26146	0.139955	1.33955	1.33955	1.12301	0.674791	0.526507	1
cg24433189	SSTR5;LOC146336	0.440386	0.859475	0.931721	-1.07328	0.916424	1.04278	1.04278	0.324692	1.50063	1.50063	0.503342	1.31133	1.31133	0.623819	0.820967	-1.21808	0.65338	0.834937	-1.19769	0.0685768	0.44326	-2.25601	0.24505	0.61553	-1.62462	0.318804	1.50724	1.50724	1.12298	1.83265	2.24217	1
cg08423350	AASDH	0.440387	0.331243	0.72145	-1.3861	0.0994699	1.80053	1.80053	0.910666	1.03723	1.03723	0.418484	0.763954	-1.30898	0.196781	0.641174	-1.55964	0.35208	0.732069	-1.36599	0.974119	0.98949	-1.01062	0.358539	1.36	1.36	0.84072	0.936566	-1.06773	1.12298	1.88647	1.49323	1
cg25447872	ATP1LA;ATP1LA	0.440388	0.715307	1.09139	1.09139	0.394942	0.875	1.14286	0.702953	1.44338	1.44338	0.0178877	0.620253	1.61216	0.0163338	0.31681	-3.15627	0.769042	0.701058	-1.42641	0.774734	0.736181	1.3963	1.3963	0.928413	1.1102	1.1102	0.639913	0.578013	1.37007	0.78297	0.56429	1.12297	1.26146	0.7299	0.15044	1
cg07227744	ZNF486	0.440439	0.634921	0.89155	-1.12164	0.906446	0.972179	-1.02862	0.25146	0.750103	-1.33315	0.573914	0.872535	-1.14609	0.481844	1.18716	1.18716	0.045759	1.73258	1.73258	0.815694	0.94556	-1.05763	0.570841	1.14737	1.14737	0.456905	1.19941	1.19941	1.12297	1.02438	0.810853	1
cg24146358	IQCE;IQCE	0.440439	0.844334	1.08025	1.08025	0.781235	0.872173	-1.24235	0.258899	1.202569	1.202569	0.102869	0.822718	1.215179	0.325884	0.82217	-1.21597	0.112554	1.47506	1.47506	0.0134276	1.62695	1.62695	0.753463	0.931558	-1.07347	0.709289	0.94225	-1.06104	1.12296	2.63009	1.87276	1
cg19292611	TFDP1;TFDP1	0.440409	0.409534	1.58552	1.58552	0.739278	1.19961	1.19961	0.526851	0.704763	-1.41892	0.724893	0.824857	-1.21233	0.0516157	0.291921	-3.42558	0.640136	1.29266	1.29266	0.206837	2.07712	2.07712	0.968986	1.0214	1.0214	0.938433	1.04297	1.04297	1.14208	5.25163	3.57646	1
cg12540601	TLR2	0.440412	0.552381	1.56912	1.56912	0.793565	1.31419	1.31419	0.64564	0.81916	-1.22111	0.4944	0.89655	1.03923	0.643838	0.417581	-2.39445	0.537582	1.59103	1.59103	0.0880604	0.962722	1.03077	0.882007	0.972753	1.02801	0.960274	0.963622	-1.03775	1.12291	0.96324	0.739153	1
cg21954584	XPNPEP2	0.440413	0.446696	1.78362	1.78362	0.960358	1.03778	1.03778	0.31654	1.22783	1.22783	0.0729378	1.08228	1.16292	0.329161	1.03803	1.15288	0.2243	2.59182	2.59182	0.323316	2.14059	2.14059	0.986701	0.987642	-1.01251	0.737232	0.767218	1.30341	1.12292	9.8991	7.83598	1
cg03357762	GCN1L1	0.440413	0.522979	0.818314	-1.22203	0.188465	1.5397	1.5397	0.282626	1.41311	1.41311	0.648284	0.867412	-1.15286	0.690756	0.88351	-1.13185	0.191686	1.53433	1.53433	0.212127	0.665597	-1.50241	0.366861	0.750424	-1.33258	0.791441	0.921193	-1.08555	1.12292	1.70607	1.3505	1
cg12887011	GHR	0.440415	0.562381	1.56912	1.56912	0.793565	1.31419	1.31419	0.64564	0.81916	-1.22111	0.4944	0.89655	1.03923	0.643838	0.417581	-2.39445	0.537582	1.59103	1.59103	0.0880604	0.962722	1.03077	0.882007	0.972753	1.02801	0.960274	0.963622	-1.03775	1.12291	0.96324	0.739153	1
cg18663807	ZNF784	0.440432	0.640561	0.74487	-1.34252	0.623139	0.733274	-1.36375	0.713769	1.2557	1.2557	0.410168	1.69478	1.69478	0.358926	0.553848	-1.80555	0.138677	0.368462	-2.71398	0.0504861	0.247536	-4.03981	0.960511	1.0315	1.0315	0.703414	0.786951	-1.27073	1.12288	6.9772	5.52324	1
cg15381921	SLC4A11	0.440432	0.476095	1.30716	1.30716	0.524481	0.787914	-1.26917	0.26875309	0.498044	-2.00785	0.428403	0.741713	-1.34823	0.155038	0.569818	-1.75495	0.808463	0.914155	-1.09391	0.192944	0.609771	-1.66397	0.95036	1.02328	1.02328	0.198613	0.601484	-1.66256	1.12288	2.4	1.92284	1
cg08760829	STK32A;STK32A;STK32A;STK32A	0.440444	0.803516	1.05328	1.05328	0.324192	1.13175	1.13175	0.4911	0.91665	-1.09095	0.304937	1.24758	1.24758	0.411916	0.809718	-1.19088	0.64525	0.908	-1.10132	0.23832	0.768529	-1.30119	0.519214	0.74202	-1.42202	0.460099	1.16967	1.16967	1.12286	0.771101	0.610553	1
cg04585452	TEF;TEF	0.440445	0.200305	1.65123	1.65123	0.139452	0.80325	1.80325	0.200601	1.6505	1.6505	0.545291	1.25474	1.25474	0.557208	1.24618	1.24618	0.070405	2.1159	2.1159	0.043425	1.34312	1.34312	0.92162	1.03716	1.03716	0.574004	0.810119	-1.23439	1.12286	2.44404	1.93478	1
cg05985146	UCC15762	0.440447	0.162345	2.9872	2.9872	0.663764	1.23606	1.23606	0.844655	1.11557	1.11557	0.400887	1.54534	1.54534	0.0778127	1.74559	1.74559	0.1158	2.720169	2.720169	0.0470857	1.84856	1.84856	0.357827	0.474436	-2.10777	0.643287	0.794612	-1.25844	1.12285	4.21725	3.42123	1
cg23834427	DNHD1;DNHD1	0.440454	0.0576892	0.454298	-2.2012	0.306021	0.677317	-1.47641	0.763061	0.894806	-1.11756	0.499278	1.28677	1.28677	0.29879	0.673067	-1.48574	0.143456	0.55918	-1.78833	0.780491	1.10816	1.10816	0.553175	0.802091	-1.24674	0.971168	1.01338	1.01338	1.12284	2.40337	1.90261	1
cg11393614	WAPAL	0.440457	0.438471	0.852075	-1.17609	0.27653	1.26149	1.26149	0.804374	1.05231	1.05231	0.371393	0.828308	-1.20728	0.274228	0.791776	-1.26298	0.424119	0.844878	-1.1836	0.077312	0.662203	-1.51011	0.648427	0.908077	-1.10014	0.510097	1.14658	1.14658	1.12283	0.749095	0.59302	1
cg26235660	ALKBH8;ALKBH8	0.440459	0.743256	0.943421	-1.05997	0.127688	1.33891	1.33891	0.794294	1.04739	1.04739	0.994993	1.00111	1.00111	0.3492	0.843015	-1.18622	0.071067	0.70589	-1.41655	0.968735	0.993705	-1.00697	0.701778	0.936155	-1.06797	0.392763	1.16782	1.16782	1.12283	0.558401	0.442058	1
cg07870982	MAF;MAF	0.440466	0.769473	0.948978	-1.05377	0.450246	0.871884	-1.14694	0.904802	0.978904	-1.02155	0.0555942	0.676636	-1.4779	0.304266	0.827288	-1.20877	0.154206	0.761996	-1.31234	0.215951	0.794481	-1.25868	0.915561	0.981277	-1.01908	0.52444	1.12182	1.12182	1.12282	0.564744	0.447085	1
cg03638940	9-Mar	0.440467	0.379042	0.765093	-1.30676	0.576525	0.646363	-1.54621	0.768253	1.16428	1.16428	0.0476904	1.10233	1.10233	0.0511392	1.40044	1.40044	0.153582	1.59103	1.59103	0.0880604	1.02442	1.02442	0.954869	0.970824	-1.03008	0.962622	-1.03775	1.12281	0.954112	0.320949	0
cg21850910	TMEM206	0.440483	0.885299	0.969381	-1.03159	0.396578	1.02566	1.02566	0.119809	0.43851	-1.43851	0.894911	1.02888	1.02888	0.836661	0.956499	-1.04548	0.49111	0.860127	-1.16262	0.173755	0.732136	-1.36587	0.418925	0.836995	-1.19475	0.22585	1.31523	1.31523	1.12278	0.825392	0.653449	1
cg22866218	ZNF813	0.440483	0.881779	0.969381	-1.03159	0.396578	1.02566	1.02566	0.119809	0.43851	-1.43851	0.894911	1.02888	1.02888	0.836661	0.956499	-1.04548	0.49111	0.860127	-1.16262	0.173755	0.732136	-1.36587	0.418925	0.836995	-1.19475	0.22585	1.31523	1.31523	1.12278	0.825392	0.653449	1
cg18337422	ACAT1	0.440484	0.744776	1.40282	1.40282	0.150416	0.02131	1.02131	0.147511	0.58957	0.58957	0.255318	0.289927	-3.44915	0.852045	0.824148	-1.21337	0.80688	0.7759	-1.28883	0.925535	0.907715	-1.10167	0.188977	0.233588	-4.28105	0.919754	1.11001	1.11001	1.14192	18.9909	12.935	1
cg09363564	NMT;BLZF1;BLZF1;NMT	0.440488	0.0846858	1.38707	1.38707	0.726008	1.12623	1.06223	0.549704	1.10944	1.10944	0.437531	1.14556	1.14556	0.149349	1.3038	1.3038	0.108116	1.35093	1.35093	0.545298	0.900295	-1.11075	0.894089	0.977404	-1.02312	0.417584	1.15274	1.15274	1.12277	0.523553	0.414492	1
cg09229797	C14orf21;DHRS1;DHRS1	0.440491	7	0.5	2	0.512171	1.6422	1.6422	0.233559	2.46685	2.46685	7	2.46685	7	2	0.5	2	0.765343	0.940377	1.0634	0.814884	1.04935	1.04935	0.839528	0.959214	-1.04252	0.719387	1.07691	1.07691	1.12276	0.750031	0.593799	1
cg02518202	RNF150	0.440494	0.346053	1.22054	1.22054	0.0649636	1.53053	1.53053	0.107965	1.43362	1.43362	0.358902	1.21379	1.21379	0.190657	1.32923	1.32923	0.0729353	0.637357	1.57398	0.108708	1.07312	1.07312	0.777383	0.955013	-1.04682	0.485207	1.17305	1.17305	1.12273	0.909569	0.713002	1
cg27298646	MAST3	0.440496	0.316764	0.702318	1.42382	0.26228	1.3709	1.3709	0.5	0.731683	1.03663	0.881885	1.00552	1.00552	0.977395	0.994573	1.00552	0.0729353	0.637357	1.57398	0.108708	1.07312	1.07312	0.777383	0.955013	-1.04682	0.485207	1.17305	1.17305	1.12273	0.909569	0.713002	1
cg13307200	BCOR;BCOR;BCOR;BCOR	0.440512	0.763752	1.1782	1.1782	0.206878	0.484703	-2.06312	0.416886	0.636742	-1.57049	0.405733	0.629531	-1.58848	0.078826	0.634582	-1.57602	0.457201	1.5097	1.5097	0.350642	1.68648	1.68648	0.789861

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105T vs. 047 vs. N)	Fold-Change(1-p-value(105T vs. N)	Fold-Change(1-p-value(111T vs. 057 vs. N)	Fold-Change(1-p-value(111T vs. N)	Fold-Change(1-p-value(112T vs. 112 vs. N)	Fold-Change(1-p-value(112T vs. N)	Fold-Change(1-p-value(121T vs. 121 vs. N)	Fold-Change(1-p-value(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(1-p-value(353T vs. 477 vs. N)	Fold-Change(1-p-value(353T vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(1-p-value(537T vs. N)	p-value(563T vs. 637 vs. N)	Fold-Change(1-p-value(563T vs. N)	T(Test)	SS(Test)	SS(Error)	DF(Error)
cg16026550	SORL1	0.440877	0.265682	1.55743	1.55743	1.8473509	0.9290312	-1.67641	0.075661	2.12822	2.12822	0.1272958	1.74009	1.74009	0.2842298	0.641189	1.5596	0.960425	1.01913	1.01913	0.756805	0.8881166	1.15299	0.768399	1.1194	1.1194	0.4099115	1.29897	1.12199	2.5926	2.05398	1
cg20988073	ALDH1L1	0.44088	0.359434	0.621825	-1.60817	0.3242441	1.67081	1.67081	0.160152	2.13019	2.13019	0.594052	1.31159	1.31159	0.853202	0.910894	1.09782	0.301133	0.582641	-1.71632	0.2925593	0.57662	-1.73425	0.2923318	0.576449	-1.73476	0.4755569	1.44167	1.12198	4.51742	3.57803	1
cg22461324	EN2	0.44088	0.123233	0.298003	-3.35568	0.7905565	1.21287	1.21287	0.695192	1.33044	1.33044	0.626589	0.700822	-1.42689	0.199564	0.374674	-2.66899	0.505174	0.612467	-1.63274	0.0662057	0.2244666	-4.45503	0.873379	1.12259	1.12259	0.3257218	0.479147	-2.08704	1.02198	9.34157	7.40086	1
cg18127629	CTNNBL1	0.440886	0.682766	1.30375	1.30375	0.162864	2.61593	2.61593	0.05598669	4.04457	4.04457	0.97857	1.082811	-1.01749	0.775955	0.8137787	-1.22023	0.381709	1.784011	1.784011	0.956727	0.960558	-1.03565	0.934046	1.05488	1.05488	0.2768852	0.483462	-2.06841	1.12197	7.40378	5.86571	1
cg14602768	IHH	0.44092	0.159773	0.530279	-1.8858	0.845859	0.921096	-1.08566	0.603305	1.24781	1.24781	0.699248	1.18714	1.17814	0.240391	1.68066	1.68066	0.651527	0.82531	-1.21167	0.913182	0.954981	-1.04713	0.0662161	2.0862	2.3872	0.885584	0.94101	-1.06269	1.0219	3.16861	2.51051	1
cg14409559	MSC	0.44092	0.927481	0.977515	-1.023	0.4834	0.836992	-1.19475	0.08545068	0.621903	-1.60797	0.572014	1.15333	1.15333	0.52687	0.851997	-1.17372	0.963161	1.01161	1.01161	0.871094	1.04071	1.04071	0.913195	1.27038	1.27038	0.126097	1.51034	1.51034	1.1288	1.08005	0.878639	1
cg02385474	PCNXL2	0.440929	0.202546	0.356118	-2.80806	0.8776668	0.8885507	-1.12548	0.626623	0.686434	-1.4568	0.49169	1.70913	1.70913	0.101237	0.252275	-3.96393	0.715961	1.32371	1.32371	0.393233	0.5111	-1.95656	0.8380616	1.1701	1.1701	0.0967471	0.246796	-4.05193	1.12188	10.4648	8.29145	1
cg16376108	IRX5	0.440929	0.052755	0.72782	0.72782	0.3909887	1.14455	1.14455	0.3018417	2.48192	2.48192	0.706589	1.40626	1.40626	0.495875	0.8887301	-1.12524	0.599135	1.61283	1.61283	0.6606663	0.979329	-1.47115	0.985709	0.984023	-1.01624	0.07950373	5.7775	5.7775	1.12188	14.4291	11.4324	1
cg13410666	TSPAN7	0.440943	0.0792496	0.5804032	-1.72305	0.4942141	0.416207	-2.40265	0.8078365	0.8503931	-1.17605	0.175443	5.68353	5.68353	0.0014205	0.4703183	2.36455	0.223628	0.198986	-5.02549	0.8127251	0.740476	-1.35048	0.764568	0.67989	-1.47083	0.860764	0.808936	-1.23619	1.12185	28.3121	22.4486	1
cg01092561	PPP1R3B	0.440943	0.953199	0.989332	-1.01078	0.1331138	1.34459	1.34459	0.173257	1.30319	1.30319	0.834554	1.03896	1.03896	0.446541	1.15233	1.15233	0.779525	1.05262	1.05262	0.119422	0.734326	-1.36179	0.546121	1.1181	1.1181	0.6149777	0.911484	-1.09711	1.12185	0.5933668	0.47015	1
cg08562243	CLUAP1	0.440945	0.204467	0.6048057	-1.65339	0.1232439	1.15304	1.15304	0.483643	0.739352	-1.35209	0.403663	2.47593	2.47593	0.0036226	0.9558888	1.00907	0.822156	0.729272	-1.37091	0.9536228	0.9955	-1.00453	0.9702171	1.01381	1.01381	0.613347	0.844269	-1.18446	1.12185	1.962552	1.55499	1
cg20036869	ZNF488	0.440953	0.558113	1.399	1.1399	0.45283	0.844443	-1.18421	0.795236	0.944124	-1.05918	0.212346	1.33698	1.33698	0.799272	0.945223	1.05795	0.212391	0.747977	-1.33694	0.279967	0.1882185	-5.31314	0.5607432	1.39161	1.39161	0.332658	1.24725	1.24725	1.12183	0.8684221	0.6880096	1
cg27314569	BSX	0.440954	0.321635	0.5515609	-1.81349	0.2096938	0.4989159	-2.00431	0.1731194	0.38963	-2.56653	0.619311	0.731808	-1.36648	0.509352	0.648914	-1.54193	0.310825	0.507432	-1.97071	0.1861128	0.4608802	-2.47647	0.15656	2.66546	2.66546	0.5924335	0.704587	-1.41847	1.12183	7.43609	5.83203	1
cg00303776	FBXW4	0.440956	0.794218	0.9874493	-1.01267	0.236525	1.24262	1.24262	0.9558888	1.00907	1.00907	0.757688	0.947244	-1.05569	0.145054	0.760269	-1.31532	0.156009	0.766586	-1.30449	0.372682	1.1385	1.17385	0.230944	0.802452	-1.24618	0.863362	1.03063	1.03063	1.12183	0.5449766	0.431817	1
cg15619966	CLSTN1;CLSTN1;CLSTN1;CLSTN1	0.440966	0.293775	0.559549	-1.78715	0.29447	0.785555	1.78555	0.416252	0.950123	-1.0525	0.566306	0.606958	1.3187	1.3187	0.82604	0.889267	-1.12452	0.133494	0.421925	-2.37009	0.321766	1.72591	1.72591	0.239309	0.518403	-1.929	1.12181	5.05051	4.00189	1
cg19877765	SLC6A1	0.440967	0.0843249	0.340291	-2.94294	0.4078585	1.59381	1.59381	0.681502	1.25498	1.25498	0.377999	1.64515	1.64515	0.722518	0.8218321	-1.21681	0.951596	0.967142	-1.03397	0.528755	0.7038823	-1.42081	0.220589	2.03153	2.03153	0.3038184	1.78718	1.78718	1.12181	1.3817	1.24163	1
cg00853042	RNF39;RNF39	0.440978	0.225363	0.369808	-2.7041	0.405536	1.94419	1.94419	0.229932	0.37378	-2.67537	0.3369	0.461386	-2.16738	0.324987	0.452009	-2.21234	0.639948	0.692072	-1.44494	0.336245	0.4608873	-2.1698	0.401276	1.95654	1.95654	0.288729	2.36414	2.36414	1.12178	10.8439	8.59262	1
cg13112950	CCS	0.440979	0.140592	0.338733	-2.95218	0.7937568	1.19593	1.19593	0.5153866	1.57248	1.57248	0.700399	0.767939	-1.30219	0.179757	0.377934	-2.64596	0.172565	0.17105	-2.69506	0.200001	0.396699	-2.52081	0.179972	0.377189	-2.65119	0.664167	0.742055	-1.34761	1.12178	8.28619	6.5659	1
cg01269083	SS18L1	0.44098	0.1516913	0.3097371	-3.22915	0.462171	0.8895169	-1.12464	0.367301	1.19801	1.19801	0.34055	0.8575905	-1.16605	0.703495	0.9148961	-1.09316	0.644602	0.929956	-1.07532	0.737055	1.0541	1.0541	0.4978863	0.8998001	-1.11158	0.277132	0.8483023	-1.19329	1.12178	0.43425	0.3440496	1
cg18132281	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.440982	0.7514443	1.19609	1.19609	0.0522575	3.14999	3.14999	0.220918	1.95193	1.95193	0.970504	1.0194	1.0194	0.665081	0.7974418	-1.25405	0.928078	1.04804	1.04804	0.400577	1.56393	1.56393	0.551583	1.36761	1.36761	0.258028	0.541493	-1.84674	1.12177	4.79922	3.80288	1
cg00660817	KIF3A	0.440991	0.784622	0.876249	-1.14123	0.3744509	1.25284	1.25284	0.7535	1.44035	1.44035	0.627693	1.26575	1.26575	0.526284	1.04564	1.04564	0.253092	0.562366	-1.7782	0.188025	0.5058325	-1.97705	0.184842	0.680405	0.818953	-1.22107	0.274648	1.72997	1.72997	1.12176	4.13125	3.27363	1
cg17037976	PLCH2;ATP1B2	0.440995	0.298181	0.564034	-1.77294	0.5573925	1.13103	1.13103	0.104053	2.60009	2.60009	0.777914	1.162	1.162	0.860434	1.0187	1.0187	0.718756	1.21171	1.21171	0.797736	1.14611	1.14611	0.934282	0.957152	-1.04477	0.949349	0.966829	-1.03431	1.12175	5.00948	3.96958	1
cg06935052	SMARCB1;SMARCB1	0.440998	0.539109	0.738234	-1.35428	0.1953502	1.21508	1.21508	0.2221154	1.31744	1.31744	0.762113	1.31771	1.31771	0.302025	0.5563734	-1.79742	0.615624	1.1395	1.1395	0.1628785	0.3330217	-3.00255	0.1722	1.12805	1.12805	0.1628785	0.5057704	-1.97808	1.12174	5.09306	4.68007	1
cg09477492	PRCC;PRCC	0.441	0.480554	1.35391	1.35391	0.127482	2.00652	2.00652	0.469076	1.36513	1.36513	0.291726	1.58768	1.58768	0.33928	0.6595553	1.51618	0.190677	1.79596	1.79596	0.15571	1.89999	1.89999	0.670443	0.834537	-1.19827	0.527745	1.31041	1.31041	1.12174	3.17219	2.51371	1
cg03554817	ATP1B2;ATP1B2	0.441001	0.410974	0.810772	-1.23339	0.739735	1.08674	1.08674	0.215674	1.38401	1.38401	0.684726	0.903166	-1.10722	0.183095	0.702958	-1.42256	0.648757	0.891884	-1.12122	0.302255	0.7659944	-1.30558	0.573838	1.15038	1.15038	0.164128	1.44834	1.44834	1.12174	1.10598	0.876401	1
cg05333149	RHBDD3	0.441003	0.957444	0.9710581	-1.02963	0.0800573	2.03723	2.03723	0.1647959	1.32906	1.32906	0.755004	1.05952	1.05952	0.0642551	0.7548582	-1.32459	0.818037	1.07264	1.07264	0.4208321	1.29465	1.29465	0.7144	0.8183237	-1.22135	0.4984838	1.45925	1.45925	1.09015	1.49403	1.37273	1.25748	1
cg22615462	MRPL34	0.441018	0.556514	1.23923	1.23923	0.100573	1.91306	1.91306	0.168537	1.69749	1.69749	0.869101	1.09233	1.09233	0.109099	1.87787	1.87787	0.153231	1.73598	1.73598	0.612746	0.8318571	-1.20211	0.735288	1.13019	1.13019	0.562248	1.2353	1.2353	1.1217	2.31064	1.83106	1
cg17564820	IGHMBP2	0.441025	0.73207	1.08484	1.08484	0.0895054	1.58319	1.58319	0.973485	0.9916507	1.00846	0.689903	1.0969	1.0969	0.971638	1.0984	1.0984	0.358733	1.2536	1.2536	0.6609007	1.61754	1.61754	0.754284	0.9995656	-1.15253	0.539447	0.802028	-1.24677	1.12172	0.997464	0.7909047	1
cg01508787	CCDC9	0.441027	0.806926	1.13628	1.13628	0.340218	1.67007	1.67007	0.855212	0.90809	-1.1	0.273894	1.81137	1.81137	0.964824	0.6151561	-1.62559	0.660426	0.793994	-1.25945	0.33161	0.592939	-1.68651	0.60318	0.760599	-1.31475	0.0751214	2.81253	2.81253	1.12168	4.8367	3.83289	1
cg09219368	PEX1;C7orf64	0.441034	0.872289	0.822319	-1.21607	0.5860388	1.95337	1.95337	0.725146	1.53648	1.53648	0.411384	2.78666	2.78666	0.379119	0.3323865	-3.00855	0.659932	1.726	1.726	0.224368	0.2093553	-4.77662	0.0644172	0.0761184	-13.101	0.395501	0.345771	-2.89209	1.14074	26.1503	17.8297	1
cg15849403	ADRB1	0.441041	0.329443	0.762324	0.762324	0.3686876	1.2152	1.2152	0.7135	1.62927	1.62927	0.894218	1.06654	1.06654	0.7139	0.9345445	-1.06994	0.351032	-1.26305	0.1823445	5.484	0.7799074	-1.31675	0.416955	1.27098	1.27098	0.1734778	1.20499	1.20499	1.12166	2.29206	1.62465	1
cg06132106	TMEM26	0.441044	0.528108	1.28324	1.28324	0.506876	0.768952	-1.30047	0.850243	0.928908	-1.07653	0.502994	0.767049	-1.3037	0.930612	1.03456	1.03456	0.540904	0.785445	-1.27316	0.0426311	0.24372	-4.3372	0.200913	1.69388	1.69388	0.757446	1.12847	1.12847	1.12165	2.70412	2.14297	1
cg24550683	TIMP2	0.441045	0.305963	0.5812373	-1.72105	0.3952573	0.7205223	1.38798	0.2503653	0.8211154	-1.21805	0.2214447	1.31771	1.31771	0.3130025	0.5653734	-1.76752	0.171934	0.1684565	-5.93813	0.7958354	0.7979502	-1.25353	0.7975507	0.731005	-1.36843	0.8128008	-1.23013	0.9613678	0.7053432	-1.41778	1.12165	1.34477	1.25748	1
cg07475922	RDH8	0.441045	0.0901792	0.510468	-1.95898	0.601924	0.827364	-1.20866	0.078423	0.494632	-2.02171	0.344227	0.704108	-1.42024	0.625605	0.837727	-1.19371	0.454238	0.759957	-1.31586	0.775703	0.902251	-1.10834	0.249972	0.648622	-1.54173	0.446699	1.32217	1.32217	1.12164	2.30293	1.82534	1
cg05979511	BICD1;BICD1	0.441057	0.519181	1.21843	1.21843	0.618458	0.624293	-1.60181	0.753509	0.697961	-1.43274	0.176583	0.51439	0.51439	0.814081	0.1102258	-9.06961	0.349722	1.30063	1.30063	0.377883	2.80894	2.80894	0.470012	2.31404	2.31404	0.933315	1.10024	1.10024	1.12162	23.1475	18.3445	1
cg02270412	SHISA9;SHISA9	0.441063	0.3314357	0.6107685	-1.63748	0.2737027	0.7205223	1.38798	0.2503653	0.8211154	-1.21805	0.2214447	1.31771	1.31771	0.3130025	0.5653734	-1.76752	0.171934	0.1684565	-5.93813	0.7958354	0.7979502	-1.25353	0.7975507	0.731005	-1.36843	0.8128008	-1.23013	0.9613678	0.7053432	-1.41778	1.12165	1.34477	1.25748	1
cg21789280	HSPC157;HSPC157	0.441068	0.382048	0.863383	-1.15823	0.8378555	1.03415	1.03415	0.921738	0.984027	-1.01623	0.124853	0.761678	-1.31289	0.251975	1.21664	1.21664	0.769363	1.04936	1.04936	0.107171	0.749641	-1.33396	0.308155	0.84127	-1.18868	0.6841	0.935168	-1.06933	1.0216	0.476943	0.3779861	1
cg25846723	ATP10A	0.441069	0.809852	1.12854	1.12854	0.4148466	0.8455452	-1.18262	0.533825	1.04655	-1.02852	0.233851	0.344695	-2.88226	0.847239	0.8481656	-1.17936	0.288497	0.8481656	-1.17936	0.288497	0.8881953	-1.12586	0.2756042	0.8881953	-1.12586	0.2756042	0.8881953	-1.12586	0.2756042	1.12158	12.9511	10.2641	1
cg07291256	AGAP1;AGAP1	0.441083	0.691364	0.9056599	-1.10412	0.1618337	0.6901196	-1.44886	0.653684	0.899396	-1.11862	0.85671	0.956128	-1.04588	0.951461	1.01217	1.01217	0.506911	0.846088	-1.18191	0.297863	0.7650512	-1.30717	0.057803	0.587148	-1.70315	0.286358	1.31629	1.31629	1.12156	1.09438	0.867355	1
cg13630239	RPI12;RPI12	0.441095	0.982753	0.995002	-1.00502	0.6748898	1.10272	1.10272	0.517129	1.16443	1.16443	0.637171	0.906053	-1.10369	0.127274	1.46556	1.46556	0.238581	1.33088	1.33088	0.0473015	1.69222	1.69222	0.389761	1.22664	1.22664	0.956677	0.987487	-1.01267	1.12155	0.9542954	0.756331	1
cg14010142	GRIA2;GRIA2;GRIA2	0.441125	0.878352	0.899302	-1.11191	0.3156455	1.13491	1.13491	0.7139	1.31791	1.31791	0.802855	1.02594	1.02594	0.611486	0.8481656	-1.17936	0.288497	0.8481656	-1.17936	0.288497	0.8881953	-1.12586	0.2756042	0.8881953	-1.12586	0.2756042	0.8881953	-1.12586	0.2756042	1.12158	12.9511	10.2641	1
cg13078563	GABRB3;GABRB3	0.44113	0.209589	0.36233	3.56231	0.080502	0.143896	0.43896	0.177626	0.96039	3.96039	7	7	7	7	0.257509	2.94491	0.944911	0.834254	1.22299	1.22299	0.716688	0.70461	-1.41932	0.67699	0.668672	-1.4955	0.969473	1.03745	1.03745	1.14412	1.44756	12.9928	1
cg24200445	LINGO1;LINGO1	0.441138	0.69808	0.8766503	-1.14078	0.3534636	1.31476	1.31476	0.744981	1.13376	1.13376	0.744763	0.891892	-1.12115	0.834539	0.9556994	-1.04606	0.871284	0.9556994	-1.04606	0.871284	0.9556994	-1.04606	0.871284	0.9556994	-1.04606	0.871284	0.9556994	-1.04606	0.871284	1.12157	0.4725121	0.4263502	-1.27597
cg08743134	XIAP	0.441144	0.235554	0.126138	-7.92783	0.649448	0.466675	-2.14282	0.89996	0.81102	-1.23301	0.195734	9.76489	9.76489	0.182642	10.5426	10.5426	0.319354	0.7705674	-14.1709	0.691978	1.94097	1.94097	0.659757	2.09147	2.09147	0.936307	1.14238	1.14238	1.12146	49.2667	39.0498	1
cg09827071	LRP1	0.441145	0.243794	0.6450439	-2.16872	0.1147451	0.5103062	-1.96149	0.2078251	0.335815	-2.97815	0.960225	0.964654	-1.03729	0.292607	0.9806107	-1.01984	0.581254	0.6090356	-1.64186	0.2501085	0.4295724	-2.36114	0.460281	0.6190405	-1.61548	0.2383193	1.09924	1.09924	1.12145	7.33729	5.81574	1
cg09073052	PLEKHM2	0.441158	0.9405948	-2.46397	0.144861	0.230845	2.82085	2.82085	0.203555	3.1059	3.1059	0.4129	1.0000	1.0000	0.9999	1.0000	1.0000	0.264328	0.142471	-7.02155	0.63608	1.63608	0.264328	0.142471	-7.02155	0.63608	1.63608	0.264328	0.142471	-7.02155	1.12133	0.3139198	0.2784	0.65381	1
cg25787490	TMEM151A	0.441159	0.495024	1.24163	1.24163	0.964577	0.986223	-1.01397	0.111497	1.71854	1.71854	0.502608	1.2368	1.2368	0.439239	1.27944	1.27944	0.922327	0.969974	-1.03096	0.0843202	0.5507451	-1.81572	0.547274	0.826757	-1.20955	0.931396	0.973463	-1.02726	1.12142	1.73295	1.37362	1
cg24288876	TBC1D2	0.441162	0.1282028	0.2924468	-3.41938	0.6650279	1.58589	1.58589	0.624897	0.693987	-1.44095	0.381867	0.510704	-1.95904	0.090133	0.2407467	-4.15386	0.178577	0.1645437	-6.07803	0.2407467	-4.15386	0.178577	0.1645437	-6.07803	0.2407467	-4.15386	0.178577	0.1645437	-6.07803	1.12106	0.1414041	0.1070939	0.90301	1
cg10190813	HUS1	0.441165	0.752757	0.915835	-1.09119	0.961559	0.1035	0.1035	0.197674	1.46058	1.46058	0.82168	1.06482	1.06482	0.602561	0.8640419	-1.15738	0.294554	0.790035	-1.35317	0.0626119	0.5582551	-1.7913	0.256286	0.719162	-1.39051	0.960949	0.98647	-1.01372	1.12141	1.37469	1.08966	1
cg13177825	RRBP1;RRBP1	0.441172	0.2556039	0.624857	-1.60036	0.6195139	0.8193567	-1.21995	0.295367	0.649648	-1.53882	0.419431	0.727972	-1.37368	0.177911	0.5563036	-1.79683	0.339668	0.704612	-1.41161	0.0629403	0.4373417	-2.28655	0.986467	1.00676	1.00676	0.4038225	1.39953	1.39953	1.12139	2.60186	2.07265	1
cg25746206	PLEKHN1;PLEKHN1	0.441175	0.754426	1.11115	1.11115	0.408374	1.753644	-1.32689	0.195929	0.605189	-1.65238	0.659267	1.15999	1.15999	0.098808	0.5458014	-1.83197	0.533431	1.8098	-1.23487	0.349584	1.37996	1.37996	0.174241	1.12072	1.12072	0.399751	1.13418	1.13418	1.12139	0.98682	0.757489	1
cg16353608	SIF1	0.441175	0.399987	0.78947	-1.26667	0.154921	1.51842	1.51842	0.1114	1.60926	1.60926	0.670884	1.12441	1.12441	0.942701	0.87972	-1.13672	0.283358	0.736315	-1.35775	0.524181	0.837698	-1.19375	0.923523	1.0267	1.0267	0.4836115	1.21571	1.21571	1.12139	1.33702	1.05982	1
cg15586632	PHC2	0.441176	0.4245619	0.8139437	-1.22707	0.2107307	1.14427	1.14427	0.618109	1.18028	1.18028	0.847997	1.03153	1.03153	0.858156	1.1808	1.1808	0.491291	0.7129	1.40206	0.2913994	1.40206	0.491291	0.7129	1.40206	0.2913994	1.40206	0.491291	0.7129	1.40206	1.12137	0.6583	0.5221	-1.90917
cg08576827	PLCB4;PLCB4	0.441178	0.285493	0.587432	-1.70232	0.298515	0.546486	-1.82987	0.279018	1.7156	1.7156	0.579681	0.764684	-1.30773	0.636392	0.795825	-1.25656	0.196668	0.466625	-2.14305	0.148639	0.4757519	-2.10208	0.887568	1.0702	1.0702	0.286281	0.587982	-1.70073	1.12137	0.408461	0.323778	1
cg24307211	SULF2	0.441179	0.447476	0.648178	-1.54279	0.1514471	1.46184	1.46184	0.364252	1.68564	1.68564	0.791126	0.862195	-1.16016	0.399862	0.6151561	-1.62559	0.840908	0.897405	-1.11432	0.625784	1.39165	1.39165	0.339856	1.57649	1.57649	-1.77442	0.775153	0.851813	-1.17397	1.12137	0.5329	0.441546	1
cg18442830	LOC284009	0.441187	0.548378	0.825732	-1.21105	0.60223	0.51261	-1.95108	0.787579	0.918371	-1.08888	0.625793	1.1676	1.1676	0.316241	0.6732306	-1.48543	0.477114	0.25598	-3.90584	0.41418	1.41837	0.685708	1.13687	1.13687	0.962862	0.985427	1.01479	1.12136	1.76549	1.39948	1
cg06492111	SLC7A5	0.441119	0.533887	1.5012	1.5012	0.130904	2.86268	2.86268	0.360544	1.8333	1.8333	0.0824191	3.45749	3.45749	0.758103	1.22042	1.22042	0.701293	1.28213	1.28213	0.0593285	3.946	3.946	0.487708	1.57559	1.57559	0.513647	1.53284	1.53284	1.12135	7.38444	5.85358	1
cg14004892	SLC9A6;SLC9A6;SLC9A6;SLC9A6	0.441193	0.13341	0.3184631	-3.13794	0.5440307	0.7979113	1.33113	0.2539399	-1.88894	0.177353	0.134447	0.426597	-2.34357	0.0893161	0.2344046	-4.26602	0.1122	0.1704046	-5.87051	0.1698317	0.4442138	-2.25141	0.1857811	0.719878	1.39878	0.8523262	0.807007	-1.23915	1.12135	18.1522	14.3884	1
cg19934366	C17orf68	0.4412	0.495598	0.9155114	-1.09228	0.2105111	0.8470879	-1.18332	0.752625	1.04116	1.04116	0.86516	1.02192	1.02192	0.248766	0.857445	-1.16626	0.572242	1.07552	-1.07552	0.0690601	1.2963	1.2963	0.955847	0.992962	-1.00709	0.592146	0.933337	-1.07142	1.12133	0.2890026	0.229113	1
cg25320948	PVALB	0.441216	0.2555298	0.5158	1.93855	0.5158	0.5158	1.93855	0.1779526	1.63482	1.63482	0.831807	1.0525557	1.0525557	0.9231123	0.7029885	-1.42251	0.116465	0.5609192	-1.78268	0.743078	0.8178	1.1416	0.5609192	-1.78268	0.743078	0.8178	1.1416	0.5609192	-1.78268	0.743078	1.12133	0.2490186	0.2290625	1
cg19271658	WDR46;WDR46	0.441228	0.344755	0.687931	-1.45363	0.849574	1.07571	1.07571	0.212616	1.65632	1.65632	0.149045	0.551682	-1.81264	0.21525	0.60568	1.65104	0.171792	0.571695	-1.74918	0.390429	0.713003	-1.40252	0.761234	0.889455	-1.12428	0.463656	0.750722	-1.33205	1.12128	2.62385	2.08004	1
cg01295249	NCK2;NCK2 MZF1;MZF1;MZF1;MZF1;LOC10013169	0.441236	0.206489	0.60893	1.60893	0.776075	0.903225	-1.10714	0.457065	1.30138	1.30138	0.456228	1.31106	1.31106	0.110618	1.183102	1.83243	0.228154	1.57062	1.57062	0.0550746	2.17

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 12T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 21T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 53T vs. N)	Fold-Change(353T 53T vs. N)	p-value(537T vs. N)	Fold-Change(537T 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg14102761	CASP7;CASP7;CASP7;CASP7	0.441623	0.60007	1.11539	0.11539	1.4058413	0.26075	1.26075	0.35586	1.28543	1.29543	0.4988838	0.20569	1.20569	0.660249	1.12808	1.12808	0.883947	1.0055	1.0055	0.8808879	0.934241	1.65942	0.977388	1.00775	1.00775	0.1543113	0.660056	1.515021	1.12048	1.13722	1.04496	1
cg10990959	SOX5	0.441627	0.6791	0.913745	-1.0944	0.0626146	0.634869	-1.57513	0.872003	0.61553	0.9084	-1.10081	0.280729	1.26906	1.26906	0.62477	1.11281	1.11281	0.700625	0.919641	-1.08738	0.882081	0.734524	-1.36143	0.329541	0.803971	-1.24383	1.12047	0.834381	0.661927	1
cg00745231	PRIMA1	0.441636	0.664343	0.873834	-1.14438	0.320832	1.3728	1.3728	0.0762371	1.83923	1.83923	0.766304	1.09644	1.09644	0.815059	1.07506	1.07506	0.90839	1.0362	1.0362	0.116052	0.590012	-1.69488	0.752304	0.906827	-1.10275	0.5318867	1.21605	1.21605	1.02046	1.69329	1.34334	1
cg08848171	IL18AP;2	0.441637	0.813303	0.864196	-1.15715	0.140235	2.66164	2.66164	0.981149	1.01468	1.01468	0.177989	2.41822	2.41822	0.414985	1.67206	1.67206	0.972507	1.02144	1.02144	0.2411799	0.469614	-2.12941	0.131193	2.733	2.733	0.94699	1.04187	1.04187	1.02645	0.754409	5.35822	1
cg27476640	CNOT4;CNOT4	0.441638	0.824486	1.04659	1.04659	0.917234	0.978196	-1.02154	0.9090052	1.0237	1.0237	0.115305	0.703993	-1.42047	0.0778274	0.669153	-1.49443	0.993021	0.998209	-1.00179	0.279641	0.794208	-1.25912	0.140549	0.725531	-1.38402	0.467428	0.859348	-1.16367	1.02045	0.745755	0.591631	1
cg15737687	HIVEP3;HIVEP3	0.441649	0.888622	1.09298	1.09298	0.2642139	2.09247	2.09247	0.200788	2.35677	2.35677	0.3900347	1.74795	1.74795	0.989723	0.9918862	-1.0082	0.365079	1.80482	1.80482	0.179481	2.47099	2.47099	0.0395948	4.52673	4.52673	0.6313909	1.35828	1.35828	1.12043	7.14312	5.66697	1
cg14019348	ASAP2;ASAP2	0.44165	?	?	?	0.21233	0.744017	-1.34406	0.8127252	0.947988	-1.05487	0.9377	0.982558	-1.01775	0.628968	1.11582	1.11582	0.941669	0.983663	-1.01661	0.0459402	1.67352	1.67352	0.761631	1.07088	1.07088	0.641044	0.8997	-1.11148	1.13105	0.793915	0.713278	1
cg01029131	SDHAP1	0.441664	0.798364	1.19485	1.19485	0.309937	1.97853	1.97853	0.7417455	1.25386	1.25386	0.669709	0.7402615	-1.34508	0.0679566	0.941316	-1.44395	0.635357	0.717347	-1.39403	0.6070329	0.6971443	-1.43443	0.365824	2.239868	2.239868	0.2358104	0.440162	-2.27189	1.1204	8.58111	6.80798	1
cg19593285	E2F1	0.441669	0.463217	0.728883	-1.37196	0.857053	0.926578	-1.07924	0.2437778	0.596593	-1.67618	0.281113	0.622233	-1.60711	0.0531603	0.394355	-2.53578	0.217862	0.577519	-1.73154	0.270976	0.615451	-1.62483	0.339573	0.659098	-1.51723	0.1943983	0.51239	-1.95164	1.20339	3.18299	2.52531	1
cg20870668	IQCE;IQCE	0.44167	0.618399	0.8049	-1.24239	0.249889	0.594701	-1.68152	0.230137	0.580341	-1.72312	0.212646	1.76353	1.76353	0.106064	0.466323	-2.14444	0.890294	1.06146	1.06146	0.244141	0.590587	-1.69323	0.909111	1.05059	1.05059	0.698608	0.845218	-1.18313	1.03039	3.1345	2.62964	1
cg08062526	MED23;MED23	0.441673	0.960724	1.08096	1.08096	0.2829004	1.94176	1.94176	0.7106765	1.31691	1.31691	0.4479931	0.805669	1.24128	0.2896444	0.8077	-1.23877	0.594544	1.10699	1.10699	0.1220998	0.870109	-1.14929	0.347952	0.867836	0.870109	-1.14929	0.347952	0.867836	-1.15243	0.8629139	0.665236	0.503982	1
cg04999945	CIITA	0.441674	0.323904	0.672928	-1.48604	0.169327	0.565938	-1.76698	0.0642003	0.445479	-2.24478	0.28113	0.622533	-1.60711	0.0531603	0.394355	-2.53578	0.262442	0.634895	-1.57506	0.878864	0.942426	-1.06109	0.223338	0.608079	-1.64452	0.537145	1.27502	1.27502	1.20138	2.68238	2.12815	1
cg21344215	GPN1;GPN1;GPN1	0.441674	0.808123	0.948709	-1.05406	0.573107	1.13113	1.13113	0.4441112	1.1853	1.1853	0.806978	1.0544	1.0544	0.66696	1.09822	1.09822	0.473583	1.17086	1.17086	0.0363566	0.59065	-1.69305	0.710442	1.08405	1.08405	0.386464	1.21182	1.21182	1.20138	0.831024	0.65932	1
cg15854067	IL17RD;IL17RD	0.441675	0.879258	0.982781	-1.01752	0.495567	1.08227	1.08227	0.176795	1.17827	1.17827	0.420485	0.910251	-1.0986	0.8840093	0.978328	-1.02215	0.676843	0.95314	-1.04905	0.349241	1.10477	1.10477	0.0826022	1.24564	1.24564	1.20138	0.23164	0.183779	1
cg15338159	FHL2	0.441688	0.422481	0.628266	-1.59168	0.234858	0.468637	-2.13385	0.1203865	0.346246	-2.57967	0.98551	-1.01795	1.01795	0.855506	0.95391	-1.04894	0.687189	1.21585	1.21585	0.0619034	0.309411	-3.29586	0.263652	0.553163	-1.93678	0.1540511	0.687016	-1.45557	1.20155	0.7535	0.53057	1
cg17204213	PIR16 C17orf80;FAM104A;FAM104A;C17orf8	0.441697	0.956083	0.991032	-1.00905	0.922937	1.01595	1.01595	0.442942	1.1365	1.1365	0.415234	0.872654	-1.14593	0.927973	1.0149	1.0149	0.709581	1.0631	1.0631	0.172372	1.26818	1.26818	0.961386	0.992112	-1.00795	0.0356835	1.49164	1.49164	1.20233	0.47474	0.376666	1
cg26662261	0,C17orf80	0.44171	0.919865	0.977068	-1.02347	0.237031	1.330555	1.330555	0.378548	1.23155	1.23155	0.180568	1.38788	1.38788	0.200941	1.28808	1.28808	0.729977	0.92323	-1.08315	0.177212	0.718468	-1.39185	0.792127	1.06278	1.06278	0.202535	1.3565	1.3565	1.20231	0.942976	0.748189	1
cg06670091	CCNC;CCNC	0.441713	0.447056	0.739351	-1.35254	0.756729	0.885958	-1.12872	0.752922	1.13095	1.13095	0.367527	0.697186	-1.43434	0.224438	1.64422	1.64422	0.170161	1.76701	1.76701	0.402572	1.39627	1.39627	0.716091	1.15296	1.15296	0.158453	0.555733	-1.79942	1.2103	2.69423	2.1377	1
cg07263146	FLNA;FLNA;FLNA;FLNA	0.441717	0.129026	0.080148	-2.72458	0.610286	0.476508	-2.10523	0.739362	0.594521	-1.68203	0.772372	1.34431	1.34431	0.943455	0.978186	-1.02243	0.134226	0.083382	-11.9904	0.792972	0.667176	-1.49885	0.975093	0.956723	-1.04524	0.831889	1.43741	1.43741	1.20229	42.0038	31.3276	1
cg02062326	TMED10	0.441721	0.985384	1.01408	1.01408	0.222793	2.69616	2.69616	0.573522	1.55321	1.55321	0.814813	1.19919	1.19919	0.181561	0.333549	-2.99806	0.594143	0.659432	-1.51646	0.334039	2.16273	2.16273	0.0985772	0.40485	0.40485	0.401272	1.94474	1.94474	1.20228	10.6348	8.43819	1
cg22976446	BRD9;BRD9;BRD9;BRD9	0.441723	0.647033	0.753007	-1.32801	0.53133	0.665026	0.76637	-1.30459	0.788493	0.8280687	1.20731	1.05861	1.05861	0.0554	0.9943	-1.0057	0.554613	0.663637	-1.5071	0.4585	0.683683	0.638654	-1.56579	0.687543	0.829751	-1.20546	0.183674	0.419819	-2.38398	1.20228	6.17777	5.34063	1
cg08290975	PITRM1	0.441733	0.4642	1.23318	1.23318	0.904825	0.966906	-1.03423	0.44098	1.24742	1.24742	0.0850815	0.585277	-1.70859	0.962128	0.98673	-1.01345	0.798838	1.07449	1.07449	0.493685	0.822372	-1.21599	0.0842561	0.584272	-1.71153	0.807982	0.93379	-1.0709	1.20226	1.40443	1.11437	1
cg20928606	UNG;UNG	0.441741	0.507785	1.12869	1.12869	0.951299	0.980268	-1.01398	0.776217	0.937256	-1.06694	0.431291	0.83376	-1.19939	0.20068	0.735419	-1.35977	0.72243	0.92104	-1.08448	0.0514334	1.65654	1.65654	0.891666	0.969491	-1.03147	0.419928	0.829138	1.20607	1.20224	0.917263	0.727629	1
cg23006464	POLR4T	0.441744	0.487335	1.02866	1.02866	0.50459	0.912102	-1.09632	0.2003	0.665949	-1.50165	0.0535225	0.966949	-1.03435	0.0554	0.9943	-1.0057	0.101696	1.27552	1.27552	0.0169034	0.309701	3.2295	0.0169034	0.329041	3.03804	0.0169034	0.329041	3.03804	1.20229	0.327078	0.25953	1
cg21936775	C1orf77;S100A13	0.441751	0.953782	0.987426	-1.01273	0.401238	1.20632	1.20632	0.0532693	1.61505	1.61505	0.65677	0.906975	-1.10257	0.393613	1.21019	1.21019	0.45199	1.18209	1.18209	0.526433	0.869246	-1.15042	0.534042	0.87154	-1.14739	0.232425	1.31441	1.31441	1.20222	0.84561	0.670585	1
cg16013171	DAB1	0.441751	0.970982	1.03474	1.03474	0.357563	1.070439	1.070439	0.49156	1.21888	1.21888	0.855377	-1.16907	0.515921	1.31801	1.31801	0.0443639	0.972859	1.01448	1.01448	0.727532	0.820688	-1.61111	0.318877	0.643059	-1.54545	0.263956	0.609996	-1.63935	1.20221	3.16811	2.51391	1
cg17085666	GEMIN6;GEMIN6	0.441761	0.189282	1.21634	2.17634	0.586671	1.35932	1.35932	0.228855	2.02629	2.02629	?	?	?	0.875879	1.09135	1.09135	0.0993697	2.746	2.746	0.0156102	0.778305	1.28404	0.842053	1.11803	1.11803	0.120443	1.25064	2.50664	1.11282	1.89936	4.40264	1
cg21756828	CLIC5;CLIC5	0.441761	0.140932	1.95663	1.95663	0.66008	1.20634	1.20634	0.283236	1.60412	1.60412	0.912066	0.964508	-1.0368	0.70355	1.15782	1.15782	0.169902	1.85829	1.85829	0.0882079	2.21979	2.21979	0.209278	1.75232	1.75232	0.179909	1.82884	1.82884	1.2022	3.18742	2.52924	1
cg17658468	DYNLT1;DYNLT3	0.441764	0.149731	1.55758	1.55758	0.42122	0.629811	-1.5003	0.7975865	1.07453	-1.41188	0.154266	0.722242	-1.38405	0.2498561	0.864527	-1.15687	0.185236	1.84232	1.84232	0.0175791	0.787364	-1.27042	0.220471	1.34677	0.567663	0.20471	1.27042	0.220471	1.34677	0.567663	0.20471	1.27042	0.220471	1.20225	0.75393	0.40485	1
cg10449070	ALDH2;ALDH2	0.441765	0.387816	1.13817	1.13817	0.211565	0.824947	-1.2122	0.787649	1.04027	1.04027	0.47705	0.899681	-1.1115	0.0561356	0.859399	-1.1636	0.479344	0.90191	-1.11087	0.163917	0.807437	-1.24259	0.277643	1.17949	1.17949	0.442669	1.12126	1.12126	1.2021	0.37931	0.300988	1
cg01003745	TEC	0.441767	0.498349	1.12888	1.12888	0.6107	0.98509	-1.78609	0.5517139	0.7772	-1.28672	0.11722	0.715851	-1.39722	0.2828687	0.8054	-1.24133	0.304956	1.55155	1.55155	0.0546633	1.37061	1.27061	0.0842754	2.76646	2.76646	0.317324	1.53324	1.53324	1.20221	2.68736	2.13045	1
cg16050326	MAN1C1	0.441783	0.9942	1.00467	1.00467	0.062706	1.82326	1.82326	0.0917942	3.28259	3.28259	0.872081	0.901967	-1.10869	0.454807	0.614164	-1.62823	0.837843	1.14022	1.14022	0.670687	1.31506	1.31506	0.964166	1.02919	1.02919	0.537857	0.670704	-1.49097	1.20216	7.27423	5.77238	1
cg09186122	OTOS ARPC4;ARPC4;ARPC4;TADA3;TA	0.441786	0.246513	0.592649	-1.68734	0.952477	0.9746	-1.02606	0.08896666	0.444935	-2.24752	0.414899	1.433	1.433	0.185286	0.5453	-1.83385	0.730067	0.861118	-1.16128	0.936201	0.966031	-1.03516	0.377752	0.676585	-1.47801	0.36598	1.49326	1.49326	1.20215	3.30616	2.62358	1
cg19474418	DA3	0.4418	0.776022	0.928117	-1.07745	0.452579	0.81863	-1.22155	0.693621	0.901634	-1.1091	0.859657	0.954771	-1.04737	0.182072	0.690455	-1.44832	0.154219	0.67107	-1.49016	0.419614	0.806099	-1.24068	0.676494	1.11599	1.11599	0.108919	1.57968	1.57968	1.20212	1.21334	0.962859	1
cg14030829	AS1;ASS1 BDNF;BDNF;BDNF;BDNF;BDNF;B DNF;BDNF;BDNF;BDNF;BDNF;BD	0.441803	0.546119	0.585921	-1.70672	0.104354	0.78599	-1.27305	0.0756723	0.57184	-1.75184	0.71483	0.746723	-1.33919	0.431866	0.492912	-2.02876	0.644415	0.663748	-1.5066	0.632903	1.52863	1.52863	0.841544	0.838181	-1.19306	0.902037	0.807094	-1.11471	1.12012	1.13965	10.9485	1
cg20954537	NF;BDNF;BDNF;BDNF	0.441805	0.713151	1.05996	1.05996	0.599283	1.08721	1.08721	0.671142	1.06967	1.06967	0.396183	1.14686	1.14686	0.248148	0.826628	-1.20973	0.475835	0.891949	-1.12114	0.0731134	0.729632	-1.37055	0.26255	0.831747	-1.20229	0.68137	1.06728	1.06728	1.12012	0.441227	0.350144	1
cg15126967	MAP3K6	0.441805	0.791174	1.12846	1.12846	0.553002	0.760858	-1.31431	0.333121	0.634671	-1.57562	0.935922	1.0373	1.0373	0.869117	0.927649	-1.07799	0.658589	0.816682	-1.22447	0.0305279	0.314245	-3.18219	0.357323	1.53895	1.53895	0.505683	0.735249	-1.36008	1.12012	3.67904	2.91957	1
cg05377998	BRUNOL5	0.441814	0.955234	0.989665	-1.01035	0.824385	0.934549	-1.07035	0.1858869	0.668738	-1.4954	0.993526	1.00315	1.00315	0.913537	0.965405	-1.03582	0.735257	1.14061	1.14061	0.0482548	0.545122	-1.83455	0.0425	0.453227	-2.21398	0.824424	0.917478	-1.08994	1.1201	2.66521	2.11506	1
cg06778680	METTL3	0.441826	0.233102	0.770633	-1.29763	0.896163	0.973157	-1.02758	0.263772	1.27476	1.27476	0.324814	0.809059	-1.236	0.2972	0.798343	-1.25259	0.41816	1.18907	1.18907	0.294332	1.2544	1.2544	0.936032	1.01687	1.01687	0.23463	1.29643	1.29643	1.12007	0.770351	0.61135	1
cg14489438	SLC25A44;SLC25A44	0.441829	0.430635	0.869107	-1.15055	0.628163	1.17025	1.07625	0.6228763	1.11211	1.1211	0.870367	0.955055	-1.04687	0.1983439	0.5095154	0.910751	-1.09804	0.729584	1.05132	0.3652368	0.5910711	-1.69204	0.402932	1.03207	1.03207	0.0317428	1.46092	1.46092	1.12007	0.402168	0.319162	1
cg04207166	ATP2B2;ATP2B2	0.441834	0.580146	0.822488	-1.21581	0.132011	0.566327	-1.76577	0.619842	1.61923	1.61923	0.618052	1.20174	1.20174	0.0729402	0.816546	-1.56212	0.573541	0.819623	-1.22007	0.107812	0.541323	1.84733	0.224697	0.641156	1.56034	0.698538	1.14582	1.14582	1.12006	2.16898	1.73212	1
cg09361219	KIAA1841;KIAA1841;KIAA1841	0.441839	?	?	?	0.696772	0.826842	-1.20942	0.0592681	2.86628	2.86628	0.974051	1.0159	1.0159	?	?	?	0.777519	1.14739	1.14739	0.682571	0.819006	-1.22099	?	?	?	0.504632	0.719481	-1.38989	1.08117	2.6963	2.83863	1
cg02350107	ZNF575	0.441845	0.716527	0.929789	-1.07551	0.533014	0.870476	-1.14852	0.2705411	1.1503	1.1503	0.77045	0.974705	-1.03749	0.374945	0.759498	-1.31676	0.620861	1.10402	1.10402	0.2690024	1.25835	1.25835	0.432528	1.1734	1.1734	0.0616886	1.52217	1.52217	1.12003	0.706943	0.561048	1
cg01107185	PDIN5;PDIN5	0.441856	0.579875	1.20308	1.20308	0.29504	1.432	1.432	0.0384247	2.21027	2.21027	0.849426	0.939089	-1.04686	0.2226461	1.52768	1.52768	0.323996	1.40047	1.40047	0.613732	0.846585	-1.18121	0.818355	0.93211	-1.07283	0.720402	1.12619	1.12619	1.12001	1.93938	1.53918	1
cg25568507	JAK3	0.441866	?	?	?	0.922734	1.04867	1.04867	0.418798	1.50882	1.50882	0.354894	1.59714	1.59714	0.408715	1.56268	1.56268	0.159112	1.51488	?	?	0.2958815	0.559412	-1.78759	0.192855	0.506516	-1.97583	0.3439559	1.57277	1.57277	1.1214	3.34474	2.68786	1
cg19582115	CDC42BPB	0.441874	0.962734	1.04557	1.04557	0.709339	0.884617	1.04617	0.0766466	1.76242	1.76242	0.752732	1.35174	1.35174	0.282105	1.04377	-1.9038	0.797781	1.27746	1.27746	0.416847	2.20639	2.20639	0.700218	1.44625	1.44625	0.939198	1.07547	1.07547	1.11998	16.1339	12.8049	1
cg01821964	EIF2AK4	0.441888	0.557995	1.38339	1.38339	0.274787	0.536635	-1.86346	0.0678301	0.30617	0.30617	0.408085	1.58967	1.58967	0.751893	0.840517	-1.18974	0.805506	0.873594	-1.1447	0.461823	0.663423	-1.50733	0.307024	0.560307	-1.78474	0.703491	1.23303	1.23303	1.11995	5.32252	4.22442	1
cg20149840	HDAC4	0.441897	0.47291	0.731949	-1.36657	0.588258	0.683	-1.46369	0.1639174	0.539293	1.75461	1.75461	0.0655	-1.52643	0.0554148	0.3945	-2.53455	0.262464	1.20929	1.20929	0.0266707	0.59129	1.59129	0.535351	1.43658	1.43658	0.625095	1.32843	1.32843	1.11992	0.38532	0.30077	1
cg18991240	NAGK	0.441899	0.848913	0.930332	-1.07488	0.552535	0.79651	-1.25548	0.24986	0.634238	-1.5767	0.54792	0.794353	-1.25889	0.633681	0.833782	-1.19935	0.119033	1.82745	1.82745	0.204921	1.51225	1.51225	0.300614	1.50099	1.50099	0.289464	0.659469	-1.51637	1.11993	2.54292	2.01833	1
cg19037681	SLC44A4;SLC44A4	0.441903	0.32303	0.764574	-1.3079	0.665698	1.1211	1.1211	0.870367	0.955055	-1.04687	0.198339	0.5095154	0.910751	-1.09804	0.729584	1.05132	0.663423	1.50733	1.50733	0.307024	0.560307	-1.78474	0.703491	1.23303	1.23303	1.11995	5.32252	4.22442	1
cg15042142	LRRK1	0.441904	0.123278	0.514517	-1.94357	0.434666	1.37458	1.37458	0.574637	1.25321	1.25321	0.713925	0.863682	-1.15783	0.428401	1.37962	1.37962	0.436747	1.37134	1.37134	0.276384	0.637208	-1.56935	0.201907	0.70976	1.70976	0.600586	0.810363	-1.23401	1.11992	2.81015	2.23044	1
cg12164975	LMBR1	0.441905	0.199674	0.670516	-1.49139	0.81917	0.934679	-1.06989	0.398374	0.774858	-1.29056	0.652554	0.874857	-1.14304	0.0355115	0.485749	-2.05868	0.242153	0.696891	-1.43495	0.796238	0.926505	-1.07933	0.522198	0.825847	-1.21088	0.1687	0.648379	-1.54133	1.11991	1.54357	1.22515	1
cg14636514	AMPLAMPI	0.441917	0.243906	0.607353	-1.64594	0.207287	0.75128	-1.33097	0.4455884	0.744554	-1.34322	0.198827	0.904054	-1.10607	0.272241	1.37352	1.37352	0.253737	0.804291	-1.24353	0.0973973	2.60783	2.60783	0.16111	2.3979	2.3979	0.0612722	1.36712	1.36712	1.11989	4.93189	3.89752	1
cg06473082	EVIL	0.441921	0.678222	1.1538	1.15838	0.394349	0.735333	-1.35993	0.9602	1.01774	1.01774	0.211906	0.629146	-1.58946	0.0408698	0.435293	-2.2973	0.751296	1.18156	1.11856	0.244251	0.650974	-1.53616	0.428177	0.75198	-1.32982	0.640048	0.847073	-1.18054	1.11988	2.20247	1.74818	1
cg27158523	EPHA4	0.441929	0.894726	1.03564	1.03564	0.7115	0.885558	-1.12899	0.8611	1.16432	1.16432	0.44839	0.888631	-1.12547	0.3812	1.08792	1.08792	0.473638	1.09202	1.09202	0.4515267	0.473606	2.11355	0.0023	0.473606	2.11355	0.0023	0.473606	2.11355	0.0023	2.48132	0.1113245	2.2309	1.66264	1
cg25662680	CENPT;NUTF2	0.441969	0.792605	1.07005	1.07005	0.422295	0.810085	-1.23444	0.575516	0.864708	-1.15646	0.127426	0.654725	-1.52736	0.105076	0.634402	1.57629	0.25355	1.35851	1.35851	0.475485	0.829896	-1.20497	0.574026	1.15713	1.15713	0.651842	0.889844	-1.12379	1.11978	1.17091	0.929475	1
cg04140974	RNF144B	0.441998	0.238511	0.632957	-1.57989	0.5282	0.800566	-1.24912	0.115502	0.530536	-1.88489	0.463188	0.758334	-1.31868	0.402044	0.727808	-1.37399	0.960503	0.981821	-1.01852	0.0389184	0.412447	-2.42455	0.694444	0.866134	-1.15456	0.321257	0.684113	-1.46175	1.11976	2.43387	1.93205	1
cg03456812	ZNF79	0.44198	0.171326	0.702444	-1.42345	0.535994	0.97575	-1.0254	0.3504987	0.649434	-1.54334	0.15392	0.536095	-1.86549	0.0440	0.2452	-4.07911	0.260743	1.38173	1.38173	0.2149	0.615159	0.803888	-1.2515	0.867961	1.14635	1.14635	0.155091	1.2867	1.48797	1.11976	1.91652	0.49103	1
cg11496616	FAM190B	0.441984	0.857587	0.934045	-1.07061	0.360985	0.699978	-1.42862	0.502773	0.772334	-1.29478	0.93733	1.03032	1.03032	0.369043	1.41969	1.41969	0.140519	1.82622	1.82622	0.256492	1.56815	1.56815	0.197353	1.67807	1.67807	0.372521	0.706265	-1.4159	1.11976	2.55886	2.03129	1
cg18866134	CAMTA1	0.442002	0.235156	0.703948	-1.64379	0.144978	0.294334	1.3975	0.3441999	0.447839	-2.13749	0.305302	0.436309	-2.29196	0.81062	1.23897	-1.24702	0.278722	0.824801	-1.21309	0.0955427	2.36166	-4.23432	0.0881107	2.229813	-4.35136	0.525384	0.60482	-1.65358	1.11972	10.8265	8.59463	1
cg26241361	STBS	A4;STBS	A4	0.442024	0.829451	0.54558	1.05458	0.867629	0.627522	-1.59357	0.964937	1.00048	1.00048	0.370513	0.797302	-1.25423	0.971081	0.80897	-1.10897	0.56729	0.867246	-1.15308	0.978045	1.0068	1.0068	0.62908	1.12702	1.12702	0.2895294	1.58586	1.58586	1.11968	1.07604	0.854243	1
cg13705888	EGFL8	0.442027	0.935828	1.05317	1.05317	0.257692	0.467734	-2.13797	0.181077	0.401126	-2.49298	0.192641	2.42796	2.42796	0.557508	0.682758	-1.46465	0.92061	1.06623	1.06623	0.583009	0.699997	-1.42858	0.324799	1.92346	1.92346	0.242272	2.19745	2.19745	1.11967	7.33887	5.82623	1
cg20398669	LOC283505;LOC283505;LOC283050	0.442028	0.319303	0.802884	-1.24564	0.407287	0.75128	-1.33097	0.4455884	0.744554	-1.34322	0.198827	0.904054	-1.10607	0.272241

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1044 vs. N)	Fold-Change(1 vs.1044)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg20840174	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT	0.442439	0.531536	0.790856	-1.26445	0.164822	1.73087	1.73087	0.33258	0.690668	-1.44783	0.713158	0.872318	-1.14637	0.415221	0.734675	-1.36115	0.955146	1.02104	1.02104	0.733376	1.13495	0.1396	0.0796127	2.05506	2.05506	0.65786	0.847879	-1.17941	1.11884	
cg04027074	STX1A	0.442451	0.861526	0.968077	-1.03298	0.0899547	0.706592	-1.41524	0.107031	0.721132	-1.18671	0.578806	1.10983	1.10983	0.736721	1.06471	1.06471	0.972405	0.993599	-1.00645	0.904975	0.978052	-1.02244	0.232489	1.26196	1.26196	0.699454	0.930451	-1.07475	1.11882	0.611858	0.486116	
cg10308682	MCM8;MCM8;MCM8;MCM8;TRMT6	0.442455	0.143174	0.753356	-1.32739	0.569546	1.109	1.109	0.6014	0.909487	-1.09952	0.722101	0.937741	-1.06639	0.879391	1.17751	1.17751	0.902804	1.00501	-1.00501	0.817805	1.04241	1.04241	0.310202	1.20806	1.20806	0.0915835	1.39709	1.11881	0.574131	0.456145	
cg16086647	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.442456	0.92444	1.05264	1.05264	0.576727	3.19491	3.19491	0.449783	1.51707	1.51707	0.44809	1.51953	1.51953	0.145532	0.429226	-2.32977	0.581526	1.35156	1.35156	0.868525	1.0938	1.0938	0.643052	0.776806	-1.28732	0.67759	1.25391	1.25391	0.1888	5.18953	4.12308	
cg15044322	CABP2;CABP2	0.442466	0.688602	1.3766	1.3766	0.327412	2.23221	2.23221	0.953539	0.954625	-1.04731	0.836084	1.17866	1.17866	0.099428	2.238625	-4.19067	0.653518	1.43116	1.43116	0.441349	1.86433	1.86433	0.18157	2.324002	-3.0807	0.288392	2.39753	2.39753	1.1888	11.1537	8.861668	
cg26523299	KLHL26	0.442461	0.10585	1.32893	1.32893	0.899156	0.918096	-1.08921	0.673127	1.33107	1.33107	0.258798	0.45199	-2.21244	0.13065	0.332808	-3.00473	0.272923	0.463443	-2.15776	0.875178	0.899466	-1.11177	0.947414	1.04546	1.04546	0.741313	0.79989	-1.25017	1.11879	8.04943	6.39532	
cg07363738	ZCH12C	0.442468	0.180774	0.782376	-1.37689	0.66814	0.889539	-1.12418	0.980127	1.00562	1.00562	0.961271	0.672342	-1.48645	0.574021	1.13637	1.13637	0.302295	1.27189	1.27189	0.726038	0.723453	-1.38241	0.904371	0.917784	-1.08958	0.725112	1.0827	1.0827	1.0878	0.8975O3	0.71308	
cg18947676	PI112	0.442468	0.650563	0.684886	-1.4601	0.0493254	0.423746	0.43746	0.363244	2.17184	2.17184	0.750681	0.767532	1.30289	0.226052	0.348146	-2.87236	0.838303	1.18483	1.18483	0.60726	0.630016	-1.58703	0.613275	0.824102	1.2064	1.2064	0.568805	0.7206	-1.61286	1.1878	12.207	9.69866	
cg10773869	GMCL1	0.442474	0.622363	0.83967	-1.19094	0.595986	1.20726	1.20726	0.288525	1.47382	1.47382	0.446245	0.760864	-1.3143	0.751617	0.894246	-1.11826	0.321513	0.69731	-1.43408	0.0489106	0.453127	-2.20689	0.98521	1.00655	1.00655	0.564427	1.22762	1.22762	1.11877	2.19557	1.74444	
cg04955955	AHR	0.442481	0.424881	1.66326	1.66326	0.0496	1.12634	1.12634	0.144309	0.90756	-1.10181	0.813504	1.17966	1.17966	0.139205	1.17966	-2.37466	0.516611	1.15977	1.15977	0.118262	0.79781	-1.25381	0.793547	0.435521	1.6452	1.6452	0.0466451	0.958837	-1.04297	1.11876	6.938901	5.51319	
cg27062578	HSD387;HSD387;HSD3B7	0.442484	0.992072	1.00181	1.00181	0.212287	1.27092	1.27092	0.484474	0.878407	-1.13842	0.499255	1.13333	1.13333	0.577872	0.902501	-1.10803	0.858268	1.00951	1.00951	0.424436	1.16051	1.16051	0.0690571	0.690569	-1.44808	0.380798	0.848705	-1.17827	1.11875	0.59001	0.468786	
cg11494113	PDM12;DC	0.442493	0.12247	2.46089	2.46089	0.0768846	0.856098	-1.16821	0.996367	0.634903	-1.57506	0.20793	2.00268	2.00268	0.44624	1.52123	1.52123	0.744302	1.18671	1.18671	0.272019	0.550553	-1.81636	0.85137	0.900428	-1.10323	0.935853	0.608503	-1.64338	1.11873	4.8474	3.85151	
cg10540034	APH1A;APH1A;APH1A;APH1A	0.442495	0.573988	1.909313	-1.09973	0.958845	0.999129	-1.00087	0.621421	0.92067	-1.08688	0.7263	0.782153	-1.27852	0.753446	1.05415	1.05415	0.834194	0.965528	-1.0357	0.187266	1.26354	1.26354	0.177631	1.27095	1.27095	0.203021	1.25219	1.25219	1.11873	0.496255	0.394302	
cg15295200	NMNAT3	0.442499	0.258456	1.57867	1.57867	0.717976	1.48022	1.48022	0.959774	1.05605	1.05605	0.204538	0.235034	-4.2547	0.296958	0.310593	-3.21965	0.304586	1.15711	1.15711	0.638448	0.596298	-1.6677	0.490316	0.468756	-2.13331	0.164712	0.96701	1.96701	1.11872	20.717	16.4609	
cg12515659	FAM134B	0.442525	0.927709	1.17334	1.17334	0.104059	0.07762	-1.53833	0.358539	5.2759	5.2759	0.022991	1.18569	1.18569	7	2.238625	-4.19067	0.241255	0.67921	-1.47251	0.588526	0.380076	-2.61728	0.134075	17.222	17.222	0.706447	0.511274	-1.9559	1.1113	48.5483	43.6859	
cg10196720	PCDH10;PCDH10	0.442501	0.739445	1.14366	1.14366	0.325818	1.50381	1.50381	0.0850389	0.464955	-2.15075	0.473278	1.34089	1.34089	0.744195	1.14074	1.14074	0.274066	0.632733	-1.58044	0.392949	0.70332	-1.42183	0.812998	0.909097	-1.09999	0.327959	1.50093	1.50093	1.11871	2.86557	2.27688	
cg09797599	VAMP4	0.442527	0.119398	2.64128	2.64128	0.287042	0.529742	1.88771	0.849916	0.930237	-1.07499	0.172313	2.30501	2.30501	0.23534	2.04376	2.04376	0.294786	1.8673	1.8673	0.994764	0.954093	-1.04818	0.832842	0.865661	-1.12936	0.370546	1.69636	1.69636	1.1187	5.85264	4.65035	
cg04620557	PTH1R	0.442527	0.486405	1.083149	-1.15855	0.3312286	1.23085	1.23085	0.2034O6	1.32073	1.32073	0.482904	1.15921	1.20339	0.753748	1.32075	-1.32075	0.639596	1.10266	1.10266	0.348904	1.22118	1.22118	0.84661	0.960665	-1.04095	0.14033	1.38917	1.38917	1.11868	0.76071	0.604449	
cg04202957	EEF1B2;EEF1B2;EEF1B2;NDUFS1	0.442517	0.275688	0.577746	-1.73086	0.0990047	0.416902	-2.39865	0.686598	0.821836	-1.21682	0.791268	1.13691	1.13691	0.352905	0.62973	-1.58798	0.153761	0.477665	-2.09352	0.13515	0.458771	-2.17974	0.153622	0.477529	-2.09411	0.568047	0.7564	-1.32205	1.11868	4.14706	3.2952	
cg11501644	NECAP1;NECAP1	0.442523	0.352552	0.736257	-1.35822	0.108469	0.955917	-1.04598	0.514018	0.631359	-1.62975	0.72944	1.11955	1.11955	0.560207	0.892303	-1.12058	0.414687	0.765782	-1.30586	0.122424	0.640304	-1.56113	0.134843	0.748668	0.890584	1.04504	1.04504	1.04504	1.11867	1.83489	1.4421	
cg00788412	ZNF443;ZNF443	0.442523	0.71566	1.09706	1.09706	0.822137	1.05867	1.05867	0.329272	0.774949	-1.29041	0.275775	1.33255	1.33255	0.554634	1.16339	1.16339	0.166205	0.688079	-1.45302	0.133163	0.661856	-1.5109	0.657136	1.11977	1.11977	0.348319	0.783091	-1.27699	1.11867	1.13608	0.907223	
cg02223103	ZNF529;ZNF529;ZNF529	0.442526	0.308327	1.58713	1.58713	0.877369	0.975192	-1.02564	0.931878	0.983496	-1.01722	0.98355	1.00926	1.00926	0.691259	1.07895	-1.07895	0.922581	1.0901	1.0901	0.812972	1.23806	1.23806	0.0607948	0.709037	-1.41036	0.502715	1.11701	1.11701	1.11864	0.498888	0.372578	
cg17670650	PTPRU;PTPRU;PTPRU	0.44253	0.545294	0.705961	-1.41651	0.345883	1.73705	1.73705	0.276595	1.90355	1.90355	0.654135	1.29243	1.29243	0.0945528	0.351586	-2.84426	0.451947	1.54637	1.54637	0.59031	1.36229	1.36229	0.269049	0.519565	-1.92469	0.699942	1.24643	1.24643	1.11866	5.73258	4.55513	
cg23515496	FAM84B	0.442534	0.14838	0.342127	-2.92289	0.184504	2.64805	2.64805	0.093138	0.278608	-3.58928	0.673647	0.745077	-1.34052	0.810174	0.846633	-1.18115	0.702164	0.766574	-1.30451	0.772478	1.22211	1.22211	0.791141	0.832241	-1.20158	0.496711	1.61194	1.61194	1.11865	8.48047	6.73866	
cg20178924	ANKRD1	0.442534	0.5759	1.2834	1.2834	0.423194	0.956872	-1.45498	0.528997	0.754552	-1.32522	0.588944	0.785951	-1.27234	0.837096	1.09465	1.09465	0.140644	0.496721	-2.0132	0.0379054	0.344512	-2.90266	0.500726	0.739527	-1.35222	0.86343	0.926807	-1.07897	1.11863	3.45228	2.74466	
cg06590946	SRP9;SRP9	0.442548	0.378743	0.860033	-1.16275	0.363616	1.41652	1.41652	0.4277	1.14478	1.14478	0.621059	1.08676	1.08676	0.685402	0.934258	-1.07037	0.380221	0.860455	-1.16218	0.911325	0.981571	-1.01878	0.250198	0.81821	-1.22218	0.904041	0.980063	-1.02034	1.11862	0.493927	0.392489	
cg05302720	DGKZ;DGKZ;DGKZ	0.442549	0.795533	1.14178	1.14178	0.0743834	0.24649	-2.06185	0.0709004	0.27625	2.77625	0.592818	1.33727	1.33727	0.0829127	0.625434	-1.59896	0.807684	1.13258	1.13258	0.864469	0.915887	-1.09229	0.876944	0.933289	1.07072	1.07072	1.11862	4.61704	3.66884	
cg07063082	PDCL1	0.442555	0.08114434	0.668041	-1.49691	0.445316	0.850168	-1.17624	0.507451	0.869104	-1.15061	0.982303	0.995383	-1.00464	0.739574	0.932768	-1.07208	0.095598	0.682537	-1.46512	0.976346	1.0062	1.0062	0.992696	1.02856	1.02856	0.281328	1.26314	1.26314	1.11862	0.771711	0.612749	
cg13460409	OSCP6	0.442555	0.703534	1.43734	1.43734	0.283566	2.87813	2.87813	0.294635	2.80487	2.80487	0.753061	1.34915	1.34915	0.659171	1.52374	1.52374	0.912784	0.90126	-1.10956	0.0534953	0.81225	0.81225	0.0973177	5.62072	5.62072	0.24186	3.19745	3.19745	1.11862	15.951	12.6752	
cg00831929	NPY8	0.442554	0.121437	1.315167	1.315167	0.0743834	0.24649	-2.06185	0.0709004	0.27625	2.77625	0.592818	1.33727	1.33727	0.0829127	0.625434	-1.59896	0.448071	0.587537	-1.70202	0.0241795	0.323705	-3.08923	0.48016	0.610374	-1.63834	0.223441	0.413112	-2.42063	1.11861	0.638209	0.66073	
cg03763874	ARID3A	0.442558	0.593944	1.25922	1.25922	0.216713	1.74502	1.74502	0.870989	0.72101	-1.38707	0.625268	0.585052	-1.70925	0.152469	0.491507	-2.03456	0.672005	1.20011	1.20011	0.756574	0.875302	-1.14256	0.163142	0.528566	-1.89191	0.937264	0.966844	-1.03429	1.1186	3.25034	2.58286	
cg18328661	SCT40	0.442561	0.307483	1.68713	1.68713	0.877369	0.975192	-1.02564	0.931878	0.983496	-1.01722	0.98355	1.00926	1.00926	0.691259	1.07895	-1.07895	0.922581	1.0901	1.0901	0.812972	1.23806	1.23806	0.0607948	0.709037	-1.41036	0.502715	1.11701	1.11701	0.449842	1.13345	1.13945	0.872578	
cg14815005	MAPK1;MAPK1	0.442577	0.265958	0.681433	-1.4675	0.725406	1.12377	1.12377	0.876934	1.05262	1.05262	0.0322197	0.436064	-2.29324	0.454912	0.77736	-1.28641	0.926362	0.969875	-1.03106	0.189395	0.631282	-1.58408	0.716789	0.886437	-1.12811	0.876425	0.949811	-1.05284	1.11856	1.93968	1.54141	
cg16054018	C10orf26;C10orf26	0.442584	0.688564	1.44971	1.44971	0.1785398	1.61635	1.61635	0.494379	1.26259	1.26259	0.227121	0.653079	-1.53121	0.131373	1.72855	1.72855	0.901247	1.04259	1.04259	0.324962	1.4071	1.4071	0.388533	1.34573	1.34573	0.424115	0.760111	1.3156	1.11855	2.00005	1.5894	
cg22150335	ANK3	0.442585	0.850451	1.17203	1.17203	0.574704	1.29774	1.29774	0.416602	0.714938	-1.39857	0.54502	0.746502	1.34002	0.285259	2.66326	-2.66326	0.702009	1.19264	1.19264	0.710959	0.843137	-1.18605	0.625941	0.798666	-1.25256	0.0813857	2.42424	2.42424	1.11855	3.72255	2.93425	
cg26321126	MEGF11	0.442601	0.27326	1.80637	1.80637	0.201986	0.497234	-2.01112	0.189306	0.486202	-2.05676	0.17191	0.470398	-2.12586	0.850104	0.906542	-1.10309	0.852422	1.1014	1.1014	0.265087	0.547526	-1.8264	0.659193	1.25882	1.25882	0.583332	1.33281	1.33281	1.11851	4.76459	3.78645	
cg09119088	KIF2;KIF2S	0.442605	0.774287	0.929136	-1.07626	0.774287	0.978301	-1.11383	0.663899	0.868943	-1.45572	0.802681	0.937175	-1.06703	0.907754	1.10193	1.10193	0.586375	1.10752	1.10752	0.632654	1.36097	1.36097	0.0264569	0.733412	-1.36379	0.675753	0.983845	-1.01671	1.11851	0.524655	0.417043	
cg17658822	GGNL1	0.442613	0.13745	0.748071	-1.33677	0.746032	1.06074	1.06074	0.531717	1.1218	1.1218	0.907701	0.979176	-1.02127	0.585616	1.10505	1.10505	0.849568	1.03505	1.03505	0.0873231	0.710464	-1.40753	0.164566	0.764806	-1.30752	0.707526	0.933901	-1.07078	1.11841	0.583145	0.463472	
cg14614901	TMEM215	0.442656	0.3551	1.14405	1.14405	0.253082	1.18395	1.18395	0.672172	1.06206	1.06206	0.39754	0.884668	-1.13037	0.928534	0.98739	-1.01277	0.807786	0.766012	-1.30546	0.81918	1.03292	1.03292	0.333209	1.15166	1.15166	0.373099	1.13809	1.13809	1.1184	0.354462	0.281721	
cg08464598	ISOC2;ISOC2;ISOC2	0.442657	0.3061449	1.69201	1.69201	0.0394546	0.234151	-1.57865	0.561731	0.899917	-1.11121	0.893602	1.10252	1.10252	0.732268	0.624035	-1.60264	0.717525	1.14043	1.14043	0.647725	0.440121	-2.27164	0.453287	0.758573	-1.31826	0.531159	1.25789	1.25789	1.1185	1.1972	1.18416	
cg27337765	DBN1;DBN1	0.442685	0.23838	1.58689	1.58689	0.159813	1.75355	1.75355	0.707634	0.868596	-1.15128	0.103256	1.96078	1.96078	0.74786	1.3088	1.3088	0.268674	1.53846	1.53846	0.159553	1.75425	1.75425	0.207475	1.64384	1.64384	0.839235	1.07892	1.07892	1.11834	2.47654	1.96842	
cg14876077	EXOC3L2	0.442686	0.333195	1.47702	1.47702	0.423877	1.37594	1.37594	0.295757	1.52752	1.52752	0.352098	1.45377	1.45377	0.902536	1.04903	1.04903	0.544057	0.786679	-1.27117	0.190157	0.581497	-1.7107	0.314682	0.666139	-1.50139	0.224526	1.64627	1.64627	1.11834	2.70415	2.14933	
cg23411121	C2orf27A;C2orf27A;C2orf27A;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF	F(Error
cg10482024	AK3L1;AK3L1;AK3L1	0.443128	0.852029	0.959149	-1.04586	1.0305766	1.56483	1.56483	0.361475	1.25265	1.25265	0.1990002	0.721866	-1.3853	1.2185128	0.743448	-1.34508	0.786643	1.06398	1.06398	0.488348	1.044397	-1.18428	0.7307747	0.9202391	-1.08649	0.7148099	0.915643	1.02023	1.11745	1.02059	0.818841	1
cg24258836	FAM22A	0.44313	0.511044	0.8887791	-1.12512	1.0816	1.28502	1.28502	0.141598	1.32251	1.32251	0.998013	0.99956	-1.00044	1.0011437	0.772809	-1.29398	0.922292	0.982892	-1.01741	0.593572	1.09995	1.09995	0.309041	0.8301118	-1.20465	0.8656878	1.03039	1.03039	1.11745	0.5533554	0.4403331	1
cg19638477	GATA2	0.443131	0.0463212	14.4378	14.4378	0.6838196	1.73962	1.73962	0.840211	0.7886731	-1.26635	0.63105	0.548192	-1.82418	0.1177797	7.2918	7.2918	0.982642	0.975159	-1.02547	0.5506543	0.4934479	-2.02643	0.759736	1.43161	1.43161	0.592966	1.87973	1.87973	1.11745	24.2141	19.2615	1
cg10131836	C11orf92	0.443132	0.420349	1.25047	1.25047	0.3484672	0.769464	-1.29051	0.8164651	0.83883	-1.06516	0.2256678	0.1421622	1.452162	0.3606125	1.290617	1.290617	0.239784	1.39681	1.39681	0.428114	0.8020802	-1.24564	0.4992226	0.8300082	-1.2047	0.21529	0.701791	-1.42493	1.11745	1.30456	1.03773	1
cg00506250	FHIT;FHIT	0.443138	0.465526	0.7503734	-1.33267	0.7853554	1.111333	1.111333	0.999526	0.99977	-1.00023	0.4134664	0.727364	-1.38167	0.1063113	0.505622	-1.97776	0.591249	1.23322	1.23322	0.34611	0.10248	0.628961	0.8283912	-1.20761	0.04942	0.420188	-2.37989	1.11743	2.64617	2.10495	1
cg01465323	FBLN2;FBLN2;FBLN2	0.443143	0.529414	0.8829943	-1.13258	0.4553348	0.86183	-1.16032	0.145056	0.734493	-1.36148	0.2883136	0.8035518	-1.24453	0.127071	0.7219998	-1.38505	0.90781	0.977468	-1.02305	0.2120922	1.2958	1.2958	0.333654	0.8225514	-1.21578	0.5338311	0.8847156	-1.13102	1.13624	0.66997	0.4586607	1
cg07229198	MDC1	0.443146	0.290849	0.5909908	-1.69231	0.4539866	1.4421	1.4421	0.108068	2.31964	2.31964	0.487038	1.40344	1.40344	0.4537614	1.44235	1.44235	0.644671	1.24968	1.24968	0.623641	1.26791	1.26791	0.0973116	2.39479	2.39479	0.2565594	1.76531	1.76531	1.11742	4.07674	3.24298	1
cg19181537	HPGD;HPGD;HPGD	0.443155	0.861586	1.04479	1.04479	0.587109	1.2705	1.2705	0.0240557	1.96521	1.96521	0.724148	0.9854182	-1.01459	0.8147171	0.942765	-1.06071	0.951294	1.12331	1.12331	0.229115	1.09005	1.09005	0.791669	0.9355068	-1.06872	0.5616912	1.15872	1.15872	1.1174	1.11543	0.8877319	1
cg10477653	STK19;STK19;STK19	0.44363	0.728361	1.3513	1.3513	0.506274	0.558604	-1.79018	7	7	0.81075	1.23016	1.23016	0.119076	2.232072	4.30001	4.30001	0.418355	2.04229	2.04229	0.122923	0.235505	-4.2462	0.658004	1.46916	1.46916	0.504786	1.79394	1.79394	1.09944	11.6508	10.4968	1
cg25275331	ZMPSTE24;ZMPSTE24	0.443171	0.885785	1.02381	1.02381	0.3546551	1.16869	1.16869	0.493171	0.8923323	-1.12067	0.295556	0.837304	-1.19431	0.51945	0.898622	-1.11281	0.168202	0.786312	-1.27176	0.11805	0.757428	-1.32026	0.4470353	1.13526	1.13526	0.539209	1.10712	1.10712	1.11737	0.47424	0.377267	1
cg14189245	C11orf10;PEN1	0.443183	0.539766	0.8624102	-1.15973	0.8758453	1.16116	1.16116	0.376108	0.8757	-1.14216	0.2814528	0.9955	-1.00451	0.9333188	1.007603	-1.00397	0.560706	1.85208	1.85208	0.0159586	0.5133516	1.93035	1.93035	0.0159597	0.2226111	1.41595	1.41595	1.11734	1.34649	1.07118	1
cg16290904	PXMP3;PXMP3;PXMP3;PXMP3	0.443188	0.915269	1.03221	1.03221	0.887805	1.753	1.753	0.165385	1.55395	1.55395	0.967968	1.01204	1.01204	0.730225	0.902014	-1.10863	0.434814	1.78868	-1.26794	0.889912	0.959581	-1.04212	0.121357	1.64932	1.64932	0.642046	1.14966	1.14966	1.11733	1.57061	1.24949	1
cg05982079	PIKC2;PIKC2	0.443197	0.943962	1.04244	1.04244	0.2947535	2.96142	2.96142	0.0791755	3.16592	3.16592	0.694191	0.791634	-1.26321	0.4511251	0.635109	-1.57453	0.382456	1.34187	1.34187	0.16318	0.9158	1.09158	0.940937	1.13349	1.13349	0.840454	1.12658	1.12658	1.11732	0.82229	0.7339	1
cg02884346	WFS1;WFS1	0.443199	0.539155	0.8714554	-1.14751	0.3023366	1.24205	1.24205	0.814697	1.0193	1.0193	0.453597	0.8655315	-1.16752	0.0415072	0.620705	-1.61107	0.383256	0.834107	-1.19889	0.393161	0.837393	-1.19418	0.716411	1.92866	1.92866	0.170682	0.700305	1.08163	1.08163	1.11731	0.72835	0.5799446	1
cg02019922	KIAA1755;KIAA1755	0.443206	0.699873	1.05663	1.05663	0.0485986	0.725908	-1.37559	0.983479	0.99706	-1.00295	0.1949321	0.1295	1.412525	0.2125	1.527245	0.912082	-1.09531	0.636984	0.934638	-1.06993	0.536241	0.933474	1.09383	0.7871116	1.03924	1.03924	1.1173	0.35781	0.284663	1
cg03809898	MCHR2;MCHR2	0.443208	0.69626	1.39402	1.39402	0.6666247	0.8945	-1.11307	0.800688	0.8551156	-1.17494	0.6954849	0.8551156	-1.17494	0.6954849	0.8551156	-1.17494	0.677181	1.3058	1.3058	0.264039	2.10005	2.10005	0.647809	1.3496	1.3496	0.650386	1.13784	1.13784	1.1729	1.78519	0.71794	1
cg20705804	HECW1	0.443212	0.659545	0.9048553	-1.10515	0.2639779	1.29615	1.29615	0.978848	1.006	1.006	0.656474	0.90397	-1.10623	0.203094	1.35392	1.35392	0.773182	1.06734	1.06734	0.0459186	1.67529	1.67529	0.448392	1.19034	1.19034	0.317096	1.26268	1.26268	1.11729	0.900003	0.716023	1
cg21297227	MCF2L;MCF2L	0.443212	0.385089	0.785076	-1.27376	0.630181	1.6031	1.6031	0.583384	0.880463	-1.1353	0.355406	0.771682	-1.29587	0.240126	0.913328	-1.0949	0.177759	0.676744	-1.47766	0.621228	0.879225	-1.14544	0.0463714	0.536809	-1.86286	0.398563	1.26572	1.26572	1.11729	1.3153	1.04643	1
cg22672431	KLF16	0.443215	0.285682	0.8430439	-1.18603	0.2048607	0.237988	-4.20189	0.76209	1.04972	1.04972	0.704129	0.8540889	-1.17094	0.2489	0.7268373	1.37605	0.933385	1.09316	1.09316	0.309201	0.325165	-3.0944	0.5599153	1.03581	-1.03581	0.9655	1.12402	1.12402	1.11724	0.75264	0.7213256	1
cg18055067	LOC728264	0.44322	0.394065	0.748316	-1.33633	0.938164	1.0261	1.0261	0.209592	0.644555	-1.55146	0.472942	0.784711	-1.27435	0.0286086	0.424143	-2.3577	0.997049	0.998773	-1.00123	0.990174	1.0041	1.0041	0.589017	0.8343407	-1.1986	0.2755115	0.68608	-1.45756	1.11727	1.95183	1.55286	1
cg16193694	GRID2IP	0.443228	0.638807	0.7903882	-1.42373	0.1111882	0.274141	-1.66443	0.122559	0.285279	-3.50534	0.2316568	0.26787	2.167837	2.1007548	0.570342	0.6580071	0.675883	0.730366	-1.36914	0.70352	0.751831	-1.33082	0.1215508	2.34979	2.34979	0.744942	1.27626	1.27626	1.11725	0.98125	0.786155	1
cg16037806	AKAP9;AKAP9	0.443238	0.617388	1.09767	1.09767	0.377442	0.845718	-1.18243	0.20394	0.780298	-1.28156	0.312156	0.824108	-1.21343	0.402572	0.853423	-1.17175	0.270518	0.808743	-1.23649	0.452388	1.15217	1.15217	0.972304	0.9935597	-1.00544	0.159274	1.32091	1.32091	1.11723	0.201762	0.167309	1
cg01122692	NETO2	0.443241	0.365587	0.7373053	-1.35675	0.2288468	1.3728	1.3728	0.0437661	2.44223	2.44223	0.2127361	0.2304218	1.774063	0.4427317	0.253871	-1.93708	0.221858	0.63203	-1.58216	0.1217963	0.2370152	-1.73974	0.0373762	0.3388882	-1.60049	0.4142951	0.6096945	-1.64191	0.3483557	1.81625	1.8525	0.6062	4.34282	1
cg03506316	AFAP1;AFAP1	0.443245	0.136966	0.743669	-1.34468	0.3306507	0.8306614	-1.20393	0.842737	0.963944	-1.0374	0.581736	0.90226	-1.10833	0.703238	0.931686	1.07332	0.243722	1.25293	1.25293	0.137287	1.34431	1.34431	0.710612	0.07133	1.07133	0.580341	0.90191	-1.10876	1.11722	1.6047339	0.481146	1
cg26314566	AEBP1	0.443252	0.226996	0.60226	1.60226	0.997918	1.00097	1.00097	0.615382	0.828387	-1.20717	0.973428	0.01246	1.01246	0.156882	1.14563	1.14563	0.927121	1.03459	1.03459	0.250125	0.679413	0.721905	0.875619	-1.14205	0.86446	1.065556	1.16556	1.1172	2.44419	1.94469	1
cg09848638	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.443256	0.590921	1.30604	1.30604	0.753528	0.856419	-1.16765	0.284282	0.578488	-1.72864	0.601585	0.771655	-1.29592	0.936319	1.0401	1.0401	0.423843	0.669024	-1.49472	0.0514174	2.97803	2.97803	0.381782	1.55487	1.55487	0.571043	1.3254	1.3254	1.1172	4.28423	3.40871	1
cg23353000	LSM12	0.443261	0.786464	1.09739	1.09739	0.4144229	0.5598893	-1.28606	0.353942	0.8688986	-1.22836	0.6529093	0.51985	-1.33564	0.4159748	0.7037249	-1.38169	0.795618	1.19797	1.19797	0.366703	1.51585	1.51585	0.0174424	0.1094243	2.14018	2.14018	0.0184198	0.6453288	1.11596	4.5462	5.40602	0.694618	1.11596	1.11596	1.11596

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cg07453322	1;WDHD1	0.44383	0.909603	0.924546	-1.08161	1.138604	0.332455	-3.00793	0.206164	0.398087	-2.51201	?	?	0.389199	0.54361	-1.83955	0.607557	0.699208	-1.43019	0.347957	1.94932	1.94932	?	?	?	1.08588	5.47021	6.71677	1
cg21737324	ATP4B	0.443832	0.714411	0.930373	-1.07484	0.8496669	0.687954	-1.45359	0.653157	0.915005	-1.09289	0.321578	1.22731	1.22731	0.69251	1.08117	1.08117	0.53973	1.12965	1.12965	0.117121	1.39689	1.39689	0.857844	1.03583	1.03583	0.815622	0.955169	-1.04694	1.116604	0.681561	0.54284	1
cg12527998	TRRAP	0.453242	1.110077	1.110077	1.206094	0.642996	-1.55322	0.688609	0.875546	-1.14214	0.669504	1.3203	1.15277	1.15277	0.919967	0.967227	-1.03384	0.9917	1.00345	1.00345	0.399795	1.3303	1.3303	0.437451	1.29988	1.29989	0.044088	2.155101	2.155101	1.6003	1.193791	1.54349	1
cg04703500	GRIP2;GRIP2AIP1	0.443837	0.6079074	0.208923	-4.78645	0.174109	0.330496	-3.02575	0.480977	0.577134	-1.7327	0.901026	0.909123	-1.09996	0.434779	0.543222	-1.84087	0.07381383	0.223411	-4.47606	0.352094	0.480331	-2.08193	0.932849	0.937505	-1.06666	0.973485	0.97487	-1.02578	1.16303	10.3644	8.25468	1
cg24123634	ASAH2;ASAH2	0.443874	0.524487	0.753337	-1.32743	0.236292	0.379922	-1.72437	0.171549	0.927337	-1.89618	0.457547	0.717095	-1.39542	0.238007	0.588037	-1.72171	0.582462	1.27644	1.27644	0.424647	1.42896	1.42896	0.21767	0.565487	-1.76839	0.164527	0.525106	-1.90916	1.16002	3.43529	2.72022	1
cg24568842	CH25H EIF122;IFT122;IFT122;MD41;IFT122;IFT	0.44385	0.0188864	0.765741	-1.30592	0.642941	0.957126	-1.04479	0.659296	0.959209	-1.04253	0.639825	0.956726	-1.04523	0.947053	1.00625	1.00625	0.621291	1.04785	1.04785	0.741332	0.969386	-1.03158	0.458276	0.931564	-1.07346	0.892408	1.01278	1.01278	1.116	0.155724	0.124033	1
cg26347745	122;IFT122;IFT122;IFT122	0.443852	0.484521	0.922691	-1.08379	0.901871	1.01407	0.423194	1.09708	1.097068	0.576447	0.930882	-1.0266	0.848606	1.13416	1.13416	0.857506	0.979498	-1.02057	0.330548	0.892508	-1.12064	0.211337	1.16084	1.16084	0.0937744	1.23211	1.23211	1.116	0.226749	0.180604	1
cg11824662	PEF1	0.443856	0.969619	0.989727	-1.01038	0.471329	1.21977	1.21977	0.291381	1.34559	1.34559	0.256265	1.3789	1.3789	0.510582	0.834489	-1.19834	0.176168	0.677123	-1.47684	0.149166	1.52103	1.52103	0.996058	0.998661	-1.00134	0.449516	0.811452	-1.23236	1.11599	1.29923	1.03484	1
cg10056102	ASAP1	0.443862	0.119179	0.585902	-1.70708	0.373445	0.593956	-1.68362	0.957213	0.983186	-1.0171	0.831647	1.07837	1.07837	0.49417	0.763564	-1.30969	0.904883	1.0365	1.0365	0.828989	0.934259	-1.07037	0.390966	1.40343	1.40343	0.308251	1.3956	1.3956	1.11598	1.765663	1.40634	1
cg17445101	GAK	0.443905	0.5390051	0.826408	-1.21006	0.667335	1.14185	1.14185	0.776296	0.916364	-1.09127	0.847917	0.942836	-1.06063	0.543007	0.788729	-1.20776	0.02896555	0.454131	-2.20201	0.203763	0.662827	-1.50869	0.303564	0.721301	-1.38638	0.960952	1.01512	1.11598	1.66132	1.32326	1
cg11609645	DPY19L2P4	0.44387	0.2565861	1.75202	-1.32935	0.296333	1.30787	1.30787	0.493114	1.18351	1.18351	0.947578	1.01595	1.01595	0.098261	1.646113	-1.54722	0.404346	0.81436	-1.22796	0.192665	0.717606	-1.39352	0.907021	1.0661	1.0661	0.869013	0.961061	-1.04052	1.11597	1.02374	0.815429	1
cg18278638	SLC7A14	0.443872	0.719749	0.8501	-1.17648	0.0327164	3.08422	3.08422	0.0844776	2.24583	2.24583	0.450234	1.22846	1.22846	0.459913	0.712378	-1.40375	0.912452	0.951635	-1.05082	0.497637	0.73318	-1.36392	0.472018	0.719105	-1.39062	0.68569	1.20129	1.20129	1.11596	3.59098	2.8603	1
cg08602861	DENND3	0.443872	0.282173	0.570316	-1.75335	0.191126	0.498847	-2.00462	0.512913	0.716473	-1.39573	0.653337	1.25502	1.25502	0.17401	0.483524	-2.06815	0.662802	0.802155	-1.24664	0.263466	0.556704	-1.79629	0.08116886	0.378534	-2.64177	0.648017	1.25979	1.25979	1.11596	4.46198	3.55407	1
cg09957386	AKR1B1	0.443874	0.6089355	0.7529	-1.32814	0.209254	0.564438	1.10517	-1.81205	0.149752	0.707284	-1.3033	0.0484162	0.679219	-1.47228	0.847877	0.907505	1.03349	1.03349	1.03349	0.733898	1.07202	1.07202	0.885375	1.02905	1.02905	0.829258	1.08412	1.08412	1.11596	0.520029	0.414216	1
cg16391551	NOD1	0.443876	0.742796	0.947362	-1.05556	0.613438	0.919754	-1.08725	0.361615	0.85728	-1.16648	0.631144	1.08268	1.08268	0.471674	0.886721	-1.12775	0.808495	0.960911	-1.04068	0.145823	0.773816	-1.2923	0.30585	1.19017	1.19017	0.116154	1.32364	1.32364	1.11595	0.476586	0.379615	1
cg14883717	SPRY2	0.443885	0.672404	0.906314	-1.10333	0.120637	1.47592	1.47592	0.484694	1.17836	1.17836	0.41952	1.21015	1.21015	0.494866	1.17385	1.17385	0.799501	0.942841	-1.06062	0.375196	0.716723	-1.39524	0.945238	0.927375	-1.07831	0.179632	1.39041	1.39041	1.11593	0.945189	0.752883	1
cg21065401	TAF4	0.443888	0.119521	0.609198	-1.64139	0.733828	0.904535	-1.10554	0.911379	0.967863	-1.0332	0.282503	0.701656	-1.4277	0.319731	0.709582	-1.35211	0.431749	1.26543	1.26543	0.105266	1.01766	1.01766	1.01766	0.896538	0.96255	-1.03891	0.664303	0.544227	-1.83747	1.11593	1.52133	1.21181	1
cg14859088	PACSIN2	0.443894	0.0918894	0.179995	-5.55572	0.94005	0.93285	-1.07198	0.528487	1.80428	1.80428	0.768059	1.31431	1.31431	0.26991	0.345865	-2.8913	0.520279	1.82628	1.82628	0.399017	0.450253	-2.22097	0.433131	0.477483	-2.09432	0.128643	0.219215	-4.56172	1.11592	15.0945	12.0236	1
cg19382195	RAMP3	0.443898	0.441246	0.550015	-1.90109	0.0358649	0.7357	-1.36022	0.367688	0.680084	-2.13181	0.242497	1.33612	1.33612	0.288942	0.744091	-1.34357	0.904883	1.0365	1.0365	0.828989	0.934259	-1.07037	0.390966	1.40343	1.40343	0.308251	1.3956	1.3956	1.11598	1.765663	1.40634	1
cg18929511	ASAH1;ASAH1;ASAH1	0.443909	0.616016	0.798597	-1.2522	0.480135	0.726696	-1.37609	0.737543	1.1626	1.1626	0.348345	1.5364	1.5364	0.173431	0.879451	-1.13707	0.146163	0.499641	-2.00144	0.312447	0.521238	0.912516	-1.09596	0.050375	0.309845	-2.55856	0.312427	0.628288	-1.59363	1.11589	3.49622	2.785	1
cg07662210	LSM10;CYB5D1	0.443912	0.0563811	0.774435	-1.29062	0.182377	0.843821	-1.18509	0.327365	0.885721	-1.12902	0.594836	0.937621	-1.06653	0.591595	0.937037	-1.06715	0.388828	0.8945	-1.11739	0.562769	0.932198	-1.07273	0.203898	0.853179	-1.17457	0.451476	1.09642	1.09642	1.11588	0.254456	0.202095	1
cg16981943	FLJ37201	0.443913	0.648496	0.842593	-1.18681	0.107711	0.519406	-1.92527	0.0651295	0.461731	-2.16576	0.913779	0.960388	-1.04125	0.275896	0.655094	1.5265	0.721376	0.874913	-1.14297	0.337071	1.44679	1.44679	0.738603	0.882515	-1.13313	0.806362	0.912426	-1.09598	1.11588	2.46119	1.96054	1
cg14390568	FAM171B	0.443914	0.960797	1.01132	1.012132	0.563533	1.14304	1.14304	0.111059	1.48798	1.48798	0.391198	1.22278	1.22278	0.779765	1.06628	1.06628	0.316186	1.26775	1.26775	0.0453074	1.69163	1.69163	0.81875	0.948798	-1.05397	0.752851	0.930235	-1.075	1.11588	0.926261	0.737843	1
cg07150404	TOP1MT	0.443917	0.4793317	0.7409	-1.34975	0.0992554	0.564438	1.10517	-1.81205	0.149752	0.707284	-1.3033	0.0484162	0.679219	-1.47228	0.847877	0.907505	1.03349	1.03349	1.03349	0.733898	1.07202	1.07202	0.885375	1.02905	1.02905	0.829258	1.08412	1.08412	1.11588	0.520029	0.414216	1
cg02226871	VPS28;VPS28	0.443939	0.228804	0.65321	-1.5309	0.58986	1.20141	1.20141	0.29148	1.4464	1.4464	0.590208	0.832504	-1.2012	0.30641	0.699739	-1.4291	0.578671	0.827664	-1.20822	0.380688	0.738458	-1.35417	0.129014	1.73867	1.73867	0.664116	1.15872	1.15872	1.11583	2.0092	1.60057	1
cg04139656	EPAS1	0.443946	0.320331	0.21008	2.21008	0.674759	1.85784	1.85784	0.833728	0.8869096	-1.15062	0.443893	0.555347	-1.54044	0.539274	0.649028	-1.54077	0.06338823	0.43486	-2.29883	0.143486	0.410096	0.882482	2.18387	0.753188	1.24074	1.44168	0.58881	2.18387	0.753188	1.24074	1.44168	0.58881	1
cg04585435	UBE2G1	0.443951	0.406451	1.7862	1.7862	0.79006	1.19993	1.19993	0.521525	0.641604	-1.55859	0.107255	0.648608	-1.54126	0.107255	0.642571	-1.55607	0.636224	1.38464	1.38464	0.16315	2.76413	2.76413	0.163007	2.76521	2.76521	0.238002	1.32628	2.76521	2.76521	0.238002	1.32628	2.76521	1
cg03783663	KLHL1;ATXN8OS	0.443955	0.790682	0.760535	-1.31486	0.681115	0.596212	-1.67726	0.634109	0.610557	-1.63785	0.866381	0.8409	-1.1892	0.701736	0.673035	-1.48581	0.423255	0.431011	-2.32013	0.218669	0.26414	-3.78587	0.043706	0.18419	0.18419	0.713009	1.46249	1.46249	1.11579	18.7111	14.9061	1
cg15115757	TAP2;TAP2	0.443967	0.963804	0.952003	1.05006	0.57706	1.8431	1.8431	0.318703	0.801998	1.0088	-1.24689	0.995542	1.0088	-1.24689	0.995542	1.0088	-1.24689	0.995542

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02567119	TLX1;TLX1NB	0.444446	0.170582	0.245544	-4.07258	0.880916	0.865668	-1.15518	0.186655	0.260001	-3.84614	0.699545	0.688542	-1.45234	0.303399	0.358512	-2.7893	0.598992	0.600124	-1.66632	0.032647	0.0901964	-11.0869	0.47753	0.499104	-2.00359	0.661127	0.654114	-1.52879	1.11481	16.3495	13.0362	1
cg14429979	AP2A2	0.444449	0.853622	0.935309	-1.06917	0.0617365	2.14236	2.14236	0.144734	1.76334	1.76334	0.497905	1.28296	1.28296	0.828568	1.08169	1.08169	0.911711	1.04098	1.04098	0.229449	0.633405	-1.57877	0.944426	0.975072	-1.02557	0.997036	1.00135	1.00135	1.1148	2.31513	1.84597	1
cg00855501	RUFY2;RUFY2	0.444455	0.51009	0.910763	-1.09798	0.409597	1.12522	1.12522	0.772196	1.04145	1.04145	0.241154	0.842273	-1.18726	0.227559	0.837607	-1.19388	0.311393	0.863714	-1.15779	0.265089	0.850032	-1.17643	0.570618	1.08348	1.08348	0.21926	1.1981	1.1981	1.11479	0.34554	0.275519	1
cg03333699	ADAP1	0.444455	0.793998	1.0634	1.0634	0.0440705	0.58074	-1.72194	0.688708	0.909738	-1.09922	0.56221	0.871401	-1.14758	0.637183	0.894402	-1.11807	0.555266	0.869218	-1.15046	0.850527	1.04531	1.04531	0.167851	1.41241	1.41241	0.606501	0.885103	-1.12981	1.11479	0.9743	0.776866	1
cg15167956	C13orf38;C13orf38;C13orf38;C13orf38; C13orf38;C13orf38;C13orf38;C13orf38; C13orf38;C13orf	0.444459	0.19965	0.61204	-1.63388	0.160724	0.581077	-1.72094	0.401182	0.732464	-1.36526	0.818476	0.920081	-1.08686	0.258075	0.652078	-1.53356	0.212874	0.62167	-1.60857	0.132809	0.555647	-1.7997	0.0970099	0.516865	-1.93474	0.275916	0.663214	-1.50781	1.11478	2.31785	1.84817	1
cg13984511	ACOT9;ACOT9	0.444463	0.306298	0.411858	-2.42802	0.502526	0.565561	-1.76816	0.563225	0.612953	-1.63145	0.13524	3.85175	3.85175	0.171929	3.37998	3.37998	0.365538	0.459025	-2.17853	0.532759	0.589099	-1.69751	0.45305	0.527191	-1.89685	0.626328	0.663014	-1.50826	1.11478	12.3843	9.87486	1
cg05961215	ZNF770	0.444466	0.139673	0.756776	-1.3214	0.939182	1.01347	1.01347	0.645088	1.08472	1.08472	0.465692	1.13903	1.13903	0.330115	0.838436	-1.1927	0.936199	0.98606	-1.01414	0.316113	1.1993	1.1993	0.134507	1.32703	1.32703	0.483724	0.882677	-1.13292	1.11477	0.542829	0.432837	1
cg15365500	UST	0.444479	0.738577	1.41577	1.41577	0.242721	0.281105	-3.5574	0.168478	4.58714	4.58714	0.319384	2.90994	2.90994	0.775517	0.743207	-1.34552	0.854339	1.21017	1.21017	0.436627	2.27905	2.27905	0.14213	0.194342	-5.14556	0.467631	2.15367	2.15367	1.11474	19.0233	15.169	1
cg02504993	FAM120B	0.444486	0.699217	0.816823	-1.22426	0.861899	0.913256	-1.09498	0.584567	0.74997	-1.33339	0.733823	1.19467	1.19467	0.799344	1.14196	1.14196	0.842197	0.901336	-1.10946	0.064082	2.95773	2.95773	0.509798	1.41687	1.41687	0.111584	0.405304	-2.46729	1.11473	4.79479	3.82338	1
cg14708990	MYO7A;MYO7A;MYO7A	0.444488	0.589463	1.52856	1.52856	0.117406	0.265909	-3.76069	0.167793	0.318203	-3.14265	0.99882	0.998849	-1.00115	0.785883	0.80889	-1.23626	0.165764	0.316233	-3.16223	0.173439	0.323637	-3.08988	0.262116	0.402217	-2.48622	0.889128	1.11477	1.11477	1.11473	10.7106	8.54066	1
cg19615295	CDH26;CDH26	0.444539	0.631306	1.18793	1.18793	0.197543	1.6244	1.6244	0.940018	1.02717	1.02717	0.616616	0.835452	-1.19696	0.237518	0.643567	-1.55384	0.953027	1.0212	1.0212	0.908752	1.04168	1.04168	0.363825	1.39428	1.39428	0.0812234	0.502344	-1.99067	1.11462	2.23939	1.78586	1
cg07221832	HEATR1	0.444549	0.347591	1.20481	1.20481	0.15233	0.744244	-1.34365	0.258818	0.796942	-1.2548	0.308845	1.22496	1.22496	0.885833	1.02806	1.02806	0.989039	1.00265	1.00265	0.205737	1.29327	1.29327	0.544515	1.12543	1.12543	0.378108	1.19032	1.19032	1.1146	0.655209	0.522525	1
cg05410536	GALNTL1;GALNTL1	0.444551	0.612542	0.699997	-1.42858	0.175849	2.73246	2.73246	0.120327	3.24391	3.24391	0.869268	0.891329	-1.12192	0.151252	0.34163	-2.92715	0.985876	1.01244	1.01244	0.875904	0.896602	-1.11532	0.828825	0.859658	-1.16325	0.368384	0.52453	-1.90647	1.1146	8.6103	6.86667	1
cg01330688	NCRNA00162	0.444552	0.774154	1.05746	1.05746	0.58018	0.897178	-1.11461	0.396939	0.844966	-1.18348	0.240884	1.26927	1.26927	0.799259	0.951715	-1.05073	0.853525	0.964744	-1.03654	0.133795	1.36895	1.36895	0.406396	0.847934	-1.17934	0.14392	0.737189	-1.3565	1.1146	0.665792	0.530966	1
cg16337273	TIRAP;TIRAP	0.444559	0.377725	0.818588	-1.22162	0.417923	0.832707	-1.2009	0.420454	0.833571	-1.19966	0.804533	0.946635	-1.05637	0.85527	0.960423	-1.04121	0.913991	0.976388	-1.02418	0.0350039	1.72172	1.72172	0.769883	0.937185	-1.06703	0.679501	0.912213	-1.09624	1.11459	0.863468	0.688621	1
cg10204320	MTMR9L	0.444559	0.602491	0.694424	-1.44004	0.379223	0.534694	-1.87023	0.0841381	0.265487	-3.76667	0.308615	0.481277	-2.07781	0.604496	1.4371	1.4371	0.2723	0.452481	-2.21004	0.12974	0.321116	-3.11414	0.555373	1.51281	1.51281	0.944949	1.04909	1.04909	1.11458	8.50221	6.78057	1
cg26145103	TMEM136	0.444566	0.917056	0.950531	-1.05204	0.244498	0.552689	-1.80933	0.0515181	0.339771	-2.94316	0.600277	1.2937	1.2937	0.298626	0.591741	-1.68993	0.381728	1.54793	1.54793	0.4087	0.662628	-1.50914	0.541425	0.740028	-1.3513	0.718747	0.838508	-1.19259	1.11457	4.18697	3.33918	1
cg00843623	ZNF433	0.444571	0.147871	1.33123	1.33123	0.522116	0.887315	-1.127	0.112669	0.727439	-1.37469	0.46021	1.14862	1.14862	0.196518	0.777513	-1.28615	0.601547	0.907474	-1.10196	0.591572	0.905005	-1.10497	0.854921	0.966833	-1.0343	0.685692	0.927763	-1.07786	1.11456	0.599473	0.478094	1
cg23510415	KIAA1467	0.444571	0.0918535	0.442191	-2.26147	0.655647	0.820905	-1.21817	0.753866	1.14832	1.14832	0.80346	0.896154	-1.11588	0.101479	0.454569	-2.19989	0.368044	0.665951	-1.50161	0.125768	0.482655	-2.07187	0.253831	0.592173	-1.6887	0.763577	0.875781	-1.14184	1.11456	3.41272	2.72173	1
cg11062417	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.444579	0.237241	0.340575	-2.93621	0.458032	1.92968	1.92968	0.533686	1.73038	1.73038	0.729687	0.739527	-1.35222	0.0667704	0.167315	-5.97676	0.989827	1.01115	1.01115	0.55823	0.597468	-1.67373	0.227388	0.332095	-3.01119	0.296723	0.390186	-2.56288	1.11454	13.3573	10.653	1
cg07080007	RPL27	0.444579	0.911238	1.03852	1.03852	0.531849	1.23943	1.23943	0.475312	0.781872	-1.27898	0.636726	0.851076	-1.17498	0.184044	0.620231	-1.6123	0.307173	1.43093	1.43093	0.521815	0.802465	-1.24616	0.22421	0.648703	-1.54154	0.16079	1.66158	1.66158	1.11454	2.0281	1.61748	1
cg07491203	INSIG1;INSIG1;INSIG1	0.44458	0.407261	0.806759	-1.23953	0.904857	0.970166	-1.03075	0.910422	1.02892	1.02892	0.156844	0.681434	-1.46749	0.0384926	0.544824	-1.83546	0.920459	1.02562	1.02562	0.879421	1.0392	1.0392	0.919263	0.974645	-1.02601	0.486502	1.19614	1.19614	1.11454	1.13256	0.903259	1
cg03031959	RASEF;RASEF	0.444588	0.941667	0.945793	-1.05731	0.919854	1.07966	1.07966	0.273725	2.39335	2.39335	?	?	?	0.90693	0.914781	-1.09316	0.408997	1.90655	1.90655	0.633593	1.44213	1.44213	0.0348219	6.81596	6.81596	0.737814	0.774151	-1.29174	1.1254	8.99464	6.99334	1
cg02616418	TRIM2;TRIM2;TRIM2	0.444591	0.672893	0.741311	-1.34896	0.0307417	0.167166	-5.98208	0.256782	0.434154	-2.30333	0.708443	1.30317	1.30317	0.464511	0.59169	-1.69007	0.378376	0.528826	-1.89098	0.735693	0.787548	-1.26976	0.700986	0.761869	-1.31256	0.542059	1.54507	1.54507	1.11452	8.77128	6.99555	1
cg01003859	SULT1C2;SULT1C2	0.444593	0.393786	0.52376	-1.90927	0.440246	0.558369	-1.79093	0.114889	0.281024	-3.55841	0.270362	0.427543	-2.33895	0.0692267	0.222013	-4.50424	0.313426	0.462123	-2.16393	0.255436	0.415191	-2.40853	0.260191	0.419149	-2.38578	0.179067	0.347581	-2.87703	1.11452	9.67565	7.71687	1
cg20583432	HIVEP1	0.444597	0.588698	0.759348	-1.31692	0.0531591	3.02799	3.02799	0.21291	1.93772	1.93772	0.954574	0.971682	-1.02914	0.783474	0.87031	-1.14902	0.901081	0.939219	-1.06471	0.224732	0.525685	-1.90228	0.877809	1.08067	1.08067	0.981768	1.01159	1.01159	1.11451	4.48858	3.57992	1
cg13990428	PFDN6;WDR46;WDR46	0.444603	0.365239	0.713411	-1.40172	0.930532	0.968846	-1.03216	0.760017	1.11763	1.11763	0.183633	1.66873	1.66873	0.935132	0.970885	-1.02999	0.0606261	0.464008	-2.15513	0.27317	0.661027	-1.5128	0.885605	0.949088	-1.05364	0.5561	0.805643	-1.24124	1.1145	2.32575	1.85495	1
cg25905459	RNFT1	0.444606	0.952287	0.988918	-1.01121	0.378696	0.845187	-1.18317	0.296343	0.817375	-1.22343	0.51439	0.884143	-1.13104	0.0581793	0.671178	-1.48992	0.582846	1.10883	1.10883	0.0937009	0.70943	-1.40958	0.784769	0.950294	-1.05231	0.484853	0.876171	-1.14133	1.11449	0.612197	0.488272	1
cg27291765	METT11D1;METT11D1;METT11D1;MET T11D1	0.444609	0.321443	0.771748	-1.29576	0.276299	1.33167	1.33167	0.64354	0.888812	-1.1251	0.542371	1.16881	1.16881	0.54181	1.16907	1.16907	0.95957	0.98726	-1.0129	0.901608	1.03178	1.03178	0.0433465	1.79996	1.79996	0.659164	0.893801	-1.11882	1.11448	1.12928	0.900688	1
cg10894441	C11orf92;C11orf93	0.444613	0.850309	0.969932	-1.031	0.174442	1.26293	1.26293	0.455222	0.884348	-1.13078	0.732667	0.946102	-1.05697	0.705689	1.06323	1.06323	0.0532437	0.701271	-1.42598	0.532919	0.902979	-1.10745	0.36524	0.860423	-1.16222	0.687955	0.936841	-1.06742	1.11448	0.460895	0.367602	1
cg26349375	PPP1R14C	0.444618	0.478395	0.827469	-1.2085	0.207845	0.705413	-1.41761	0.341177	0.772797	-1.294	0.620434	1.14017	1.14017	0.832623	1.05719	1.05719	0.298301	0.753294	-1.3275	0.834503	0.946508	-1.05652	0.466179	0.822947	-1.21515	0.0390386	0.533816	-1.87331	1.11447	1.21878	0.972086	1
cg22038027	TRAPPC9;TRAPPC9	0.444618	0.341395	0.828145	-1.20752	0.193276	1.30316	1.30316	0.0683765	1.48064	1.48064	0.69255	0.92641	-1.07944	0.661482	1.08844	1.08844	0.425637	1.16939	1.16939	0.475405	1.14981	1.14981	0.682732	1.08225	1.08225	0.479717	0.870931	-1.1482	1.11447	0.652998	0.520825	1
cg01110525	CTDP1;CTDP1	0.444621	0.603127	1.22113	1.22113	0.875487	1.06154	1.06154	0.922113	1.03795	1.03795	0.497109	0.769063	-1.30028	0.0432487	0.412474	-2.42439	0.78607	0.901569	-1.10918	0.211806	1.65032	1.65032	0.515927	0.778112	-1.28516	0.684385	1.16842	1.16842	1.11446	2.56047	2.04222	1
cg15389589	LRP1	0.444623	0.629284	1.22562	1.22562	0.284343	1.59227	1.59227	0.0300607	2.90712	2.90712	0.569229	1.27201	1.27201	0.588108	0.795569	-1.25696	0.757617	1.13823	1.13823	0.84431	0.921056	-1.08571	0.47602	1.35407	1.35407	0.580794	0.791929	-1.26274	1.11446	3.08757	2.46264	1
cg24691578	CRY2;CRY2	0.444623	0.816378	0.947285	-1.05565	0.300705	1.28361	1.28361	0.0731107	1.59258	1.59258	0.339738	1.25745	1.25745	0.879975	0.965431	-1.03581	0.756553	0.930158	-1.07509	0.249444	0.755594	-1.32346	0.842934	0.954862	-1.04727	0.286049	1.29428	1.29428	1.11446	0.956781	0.763128	1
cg17180386	TNFAIP8L3	0.444636	0.698488	0.761711	-1.31283	0.276769	2.20563	2.20563	0.169025	2.78611	2.78611	0.26829	2.23957	2.23957	0.460515	0.591322	-1.69113	0.0753241	3.99334	3.99334	0.932918	1.06064	1.06064	0.342164	1.98253	1.98253	0.718401	1.28816	1.28816	1.11443	8.63024	6.88363	1
cg19138785	TSC22D1;TSC22D1	0.444637	0.0923464	0.764789	-1.30755	0.778867	0.96007	-1.04159	0.331393	1.15612	1.15612	0.124256	0.785892	-1.27244	0.478106	0.900869	-1.11004	0.255273	0.842043	-1.18759	0.855537	1.02673	1.02673	0.559535	0.91813	-1.08917	0.715501	1.05442	1.05442	1.11443	0.369831	0.294984	1
cg25141064	TSPAN15	0.444645	0.427646	0.918297	-1.08897	0.176979	0.859818	-1.16304	0.134672	1.185	1.185	0.246866	1.13592	1.13592	0.22489	1.14358	1.14358	0.846645	0.979828	-1.02059	0.807945	0.974695	-1.02596	0.908008	0.987908	-1.01224	0.858341	0.981372	-1.01898	1.11441	0.1955	0.155937	1
cg18444702	SH3BP5;SH3BP5	0.444645	0.852264	0.872879	-1.14563	0.118237	3.44512	3.44512	0.447383	1.75899	1.75899	0.547589	1.55863	1.55863	0.711668	1.31095	1.31095	0.0460478	5.29767	5.29767	0.493953	1.65962	1.65962	0.190047	2.75155	2.75155	0.348409	2.02188	2.02188	1.11441	9.38699	7.48734	1
cg07323451	ITGAE	0.444646	0.124183	0.431997	-2.31483	0.308976	0.588113	-1.70035	0.654305	1.25513	1.25513	0.722378	0.835395	-1.19704	0.0547447	0.333391	-2.99948	0.425708	0.663593	-1.50695	0.195026	0.501058	-1.99578	0.70331	0.824551	-1.21278	0.545899	0.734816	-1.36088	1.11441	4.48611	3.57827	1
cg16236770	NXF1;NXF1	0.444648	0.909885	1.02335	1.02335	0.77703	0.94377	-1.05958	0.106157	1.43288	1.43288	0.759118	0.939231	-1.0647	0.733675	0.932754	-1.07209	0.537362	1.13577	1.13577	0.0627552	0.652586	-1.53237	0.577296	0.891573	-1.12161	0.888151	1.0291	1.0291	1.11441	0.733339	0.584937	1
cg03050907	SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1;RCC1;RCC1;RCC1	0.44465	0.317455	0.500015	-1.99994	0.335724	0.513862	-1.94605	0.87963	0.903353	-1.10699	0.335294	1.94727	1.94727	0.214257	2.40369	2.40369	0.326325	1.9733	1.9733	0.160099	0.365442	-2.73641	0.898977	0.918339	-1.08892	0.490813	0.625369	-1.59906	1.1144	7.94002	6.33326	1
cg22122291	EIF2S2	0.444654	0.703489	0.826663	-1.20968	0.557059	0.74406	-1.34398	0.456282	1.45891	1.45891	0.566196	1.33464	1.33464	0.31364	1.67994	1.67994	0.131591	0.444743	-2.24849	0.588284	0.761807	-1.31267	0.119571	0.431383	-2.31813	0.546755	1.3547	1.3547	1.11439	4.37343	3.48843	1
cg06327732	CD86;CD86	0.444666	0.261829	0.671842	-1.48845	0.344858	1.39197	1.39197	0.126925	0.570546	-1.75271	0.40347	0.747811	-1.33724	0.791298	1.09434	1.09434	0.783924	0.910799	-1.09794	0.226337	1.54006	1.54006	0.296382	0.692091	-1.4449	0.587354	0.830064	-1.20473	1.11437	2.03928	1.62665	1
cg20811730	PRPF3	0.444667	0.797022	0.932454	-1.07244	0.522426	1.19232	1.19232	0.932347	0.977225	-1.02331	0.0548004	0.553767	-1.80581	0.358441	0.773961	-1.29205	0.684364	1.11728	1.11728	0.14549	0.654354	-1.52822	0.305806	0.749982	-1.33337	0.534839	0.843205	-1.18595	1.11437	1.2994	1.03649	1
cg03862781	COPB1;COPB1;COPB1;COPB1	0.444683	0.208009	0.693603	-1.44175	0.476081	0.818971	-1.22104	0.62345	0.872512	-1.14612	0.122563	0.630568	-1.58587	0.918963	1.02844	1.02844	0.233895	0.708977	-1.41048	0.152872	1.52488	1.52488	0.524313	0.837086	-1.19462	0.773373	0.92351	-1.08283	1.11434	1.34048	1.06928	1
cg10617494	RASL11A	0.444686	0.701879	1.10777	1.10777	0.0667538	0.578685	-1.72806	0.77431	0.926344	-1.07951	0.51977	0.840591	-1.18964	0.27498	0.73915	-1.35291	0.973548	1.00886	1.00886	0.360071	1.28455	1.28455	0.442864	1.23148	1.23148	0.363688	1.282	1.282	1.11433	1.24987	0.99701	1
cg19047861	WDR5	0.444698	0.644894	1.09597	1.09597	0.726455	1.07182	1.07182	0.183795	1.32108	1.32108	0.148391	0.736294	-1.35815	0.506449	1.14238	1.14238	0.900677	0.975645	-1.02496	0.777709	1.05748	1.05748	0.346143	1.21117	1.21117	0.0986634	1.42987	1.42987	1.11431	0.688182	0.548967	1
cg00424169	C13orf26;C13orf26	0.444699	0.756383	0.848993	-1.17787	0.556322	0.731239	-1.36754	0.967068	1.02196	1.02196	0.256565	1.86442	1.86442	0.743343	0.841272	-1.18868	0.374632	0.619169	-1.61507	0.756646	0.849149	-1.17765	0.0588563	3.07243	3.07243	0.279445	1.80672	1.80672	1.11431	4.88372	3.89578	1
cg15704408	NFATC1;NFATC1;NFATC1;NFATC1	0.4447	0.541024	1.35302	1.35302	0.299717	1.69062	1.69062	0.0539387	0.343347	-2.9125	0.545575	1.34833	1.34833	0.579208	1.3148	1.3148	0.300777	1.68854	1.68854	0.723407	0.840619	-1.1896	0.649488	1.25051	1.25051	0.587058	1.30725	1.30725	1.1143	4.21285	3.36063	1
cg17414380	KIAA0892;SF4	0.444704	0.574935	1.0756	1.0756	0.339797	1.13489	1.13489	0.511248	1.08948	1.08948	0.853296	0.976473	-1.02409	0.545862	0.924393	-1.08179	0.852131	0.976286	-1.02429	0.347908	0.883113	-1.13236	0.442532	1.10595	1.10595	0.0531093	0.753781	-1.32664	1.11429	0.291946	0.232889	1
cg26756684	C17orf89;C17orf56	0.444713	0.218752	0.840171	-1.19023	0.371686	1.13144	1.13144	0.143721	1.23553	1.23553	0.598417	0.930945	-1.07418	0.602769	1.07325	1.07325	0.815896	1.0319	1.0319	0.42058	1.11715	1.11715	0.274949	0.858194	-1.16524	0.293962	1.15784	1.15784	1.11428	0.319886	0.255181	1
cg03658003	SIAH1	0.444715	0.53904	0.691261	-1.44663	0.199932	0.447569	-2.23429	0.0435902	0.252196	-3.96517	0.912662	1.06731	1.06731	0.33435	0.553699	-1.80604	0.340425	0.558057	-1.79193	0.90455	0.931254	-1.07382	0.556836	1.42305	1.42305	0.726921	1.23141	1.23141	1.11427	6.22058	4.96234	1
cg12423732	TSC22D4	0.444718	0.0257754	0.565443	-1.76853	0.566272	1.13297	1.13297	0.830515	1.04724	1.04724	0.661073	0.909371	-1.09966	0.460396	1.17567	1.17567	0.872728	1.03512	1.03512	0.669692	0.91174	-1.0968	0.866265	1.03696	1.03696	0.679718	1.09351	1.09351	1.11427	0.818293	0.652781	1
cg01958230	STAT5B	0.44472	0.529067	1.30974	1.30974	0.813435	1.10521	1.10521	0.492421	1.34314	1.34314	0.737174	1.15318	1.15318	0.433108	0.71285	-1.40282	0.970963	0.984716	-1.01552	0.213937	1.73969	1.73969	0.0645427	2.40756	2.40756	0.264245	0.61116	-1.63623	1.11426	3.15973	2.52064	1
cg14417954	PRKCZ	0.444731	0.102228	4.87334	4.87334	0.144188	4.01209	4.01209	0.118373	4.48799	4.48799	0.418117	2.08074	2.08074	0.492662	0.539532	-1.85346	0.616724	1.56341	1.56341	0.97965	1.02284	1.02284	0.385491	2.19875	2.19875	0.358251	2.30856	2.30856	1.11424	13.8395	11.0405	1
cg11301598	OASL;OASL	0.444735	0.241792	0.58678	-1.70422	0.0966034	0.452157	-2.21162	0.237305	0.583505	-1.71378	0.591542	0.790017	-1.2658	0.356339	0.661791	-1.51105	0.338592	0.651018	-1.53606	0.0970113	0.45268	-2.20907	0.175663	0.534417	-1.8712	0.217739	0.568811	-1.75805	1.11423	3.34117	2.66545	1
cg01469421	ZNF419;ZNF419;ZNF419;ZNF419;ZNF41 9;ZNF419;ZNF419	0.44474	0.818295	1.03077	1.03077	0.0920288	1.27668	1.27668	0.432183	1.11135	1.11135	0.429083	0.89914	-1.11217	0.609775	1.07015	1.07015	0.231217	1.17986	1.17986	0.109665	1.25821	1.25821	0.808792	1.03244	1.03244	0.237985	1.1768	1.1768	1.11422	0.3061	0.244196	1
cg00834472	SNORD115-15;SNORD115-21	0.444741	0.230576	0.271338	-3.68545	0.687015	0.657001	-1.52207	0.853919	0.826007	-1.21064	0.644388	0.617523	-1.61937	0.201521	0.246887	-4.05043	0.373565	0.387779	-2.57879	0.0536419	0.103031	-9.70584	0.920723	1.10876	1.10876	0.116404	0.170435	-5.86734	1.11422	18.9808	15.1423	1
cg16547673	SH2D4B;SH2D4B	0.444748	0.306921	1.43925	1.43925	0.920081	1.03515	1.03515	0.360309	0.723427	-1.38231	0.383078	1.36059	1.36059	0.240332	0.654946	-1.52684	0.658989	0.858226	-1.16519	0.212847	1.57092	1.57092	0.187912	0.618555	-1.61667	0.5447	0.809737	-1.23497	1.11421	2.09127	1.66837	1
cg27398637	C11orf63	0.44475	0.251357	0.535852	-1.86619	0.0531855	0.318667	-3.13807	0.645541	0.785751	-1.27267	0.232035	0.520728	-1.92039	0.28695	0.562349	-1.77825	0.853249	1.1012	1.1012	0.538122	0.722872	-1.38337	0.46545	1.47213	1.47213	0.836542	1.11355	1.11355	1.1142	4.78264	3.81549	1
cg23827284	MYLK2	0.444752	0.154065	0.360399	-2.7747	0.199246	0.403663	-2.47732	0.407215	0.5672	-1.76305	0.619266	0.71532	-1.39798	0.173443	0.379573	-2.63454	0.320787	0.503536	-1.98596	0.174285	0.380383	-2.62893	0.0671455	0.253523	-3.94441	0.636577	0.727367	-1.37482	1.1142	7.89373	6.29749	1
cg25090315	GPR68	0.444758	0.11235	0.376751	-2.65427	0.976006	1.01713	1.01713	0.694769	1.24944	1.24944	0.742189	1.20492	1.20492	0.706696	1.23797	1.23797	0.120215	0.386025	-2.59051	0.775292	1.17542	1.17542	0.537551	1.42266	1.42266	0.162435	0.430764	-2.32146	1.11419	5.6273	4.48942	1
cg04032226	PYY;NAGS	0.444768	0.196025	0.450015	-2.22215	0.629769	0.753023	-1.32798	0.155675	0.411829	-2.42819	0.251117	2.01426	2.01426	0.268867	0.510432	-1.95913	0.38444	0.594054	-1.68335	0.185634	0.440593	-2.26967	0.784618	1.1735	1.1735	0.941442	1.04384	1.04384	1.11417	6.01811	4.80129	1
cg24126618	FBXO27	0.444774	0.862431	0.85743	-1.16628	0.120535	4.45198	4.45198	0.429006	0.488688	-2.0463	0.525621	0.565306	-1.76895	0.377761	2.23137	2.23137	?	?	?	0.439265	0.496789	-2.01293	0.200946	3.31303	3.31303	0.563667	0.595889	-1.67816	1.10664	12.2533	11.0725	1
cg07516225	C8orf41;C8orf41	0.444774	0.626833	1.06405	1.06405	0.0461317	0.748607	-1.33581	0.944185	1.00891	1.00891	0.83557	0.974008	-1.02669	0.597474	0.934708	-1.06985	0.872961	1.02048	1.02048	0.464442	0.90997	-1.09894	0.759129	0.961779	-1.03974	0.164074	1.207	1.207	1.11415	0.283311	0.22603	1
cg21122684	PDSS2	0.44478	0.751441	0.93564	-1.06879	0.349275	0.817323	-1.22351	0.412032	1.19195	1.19195	0.178654	1.34869	1.34869	0.677751	0.916235	-1.09142	0.477472	1.16324	1.16324	0.384957	1.205	1.205	0.537087	1.13979	1.13979	0.0694872	1.52971	1.52971	1.11414	0.773379	0.61702	1
cg05663655	DLD	0.444785	0.954188	1.01253	1.01253	0.487715	1.16509	1.16509	0.378853	1.21612	1.21612	0.856471	0.961522	-1.04002	0.509895	0.865131	-1.15589	0.858141	0.961967	-1.03954	0.0443854	0.606276	-1.64941	0.587317	0.88802	-1.1261	0.311717	1.2546	1.2546	1.11413	0.828787	0.661231	1
cg01020980	CHPT1	0.444786	0.874509	0.921932	-1.08468	0.985012	1.00971	1.00971	0.0386924	0.291893	-3.42591	0.557594	0.737117	-1.35664	0.800723	1.13891	1.13891	0.417589	0.653097	-1.53117	0.151681	0.453866	-2.20329	0.314069	0.585408	-1.70821	0.724576	1.19954	1.19954	1.11413	4.66709	3.72355	1
cg26821758	CCDC88A;CCDC88A	0.44479	0.172153	0.57351	-1.74365	0.873434	1.06289	1.06289	0.125045	0.52982	-1.88743	0.281661	1.53425	1.53425	0.810087	0.91201	-1.09648	0.786013	0.901128	-1.10972	0.822285	1.08988	1.08988	0.877369	0.942637	-1.06085	0.110691	0.514309	-1.94436	1.11412	2.58252	2.06043	1
cg04791678	CMTM1;CMTM1;CMTM1;CMTM1;CMT M1;CMTM1;CMTM1;CMTM1	0.444791	0.121345	2.10132	2.10132	0.563106	1.29493	1.29493	0.592856	1.26949	1.26949	0.533241	1.3218	1.3218	0.265252	1.67079	1.67079	0.443938	1.41208	1.41208	0.0456464	2.75425	2.75425	0.152581	1.96871	1.96871	0.753417	1.1495	1.1495	1.11412	3.44892	2.75168	1
cg03316628	AXIN1;AXIN1	0.444791	0.937111	0.911652	-1.09691	0.286147	3.66344	3.66344	0.338838	3.17603	3.17603	0.895907	0.857758	-1.16583	0.0696408	0.0926973	-10.7878	0.156175	0.168942	-5.9192	0.864737	0.818852	-1.22122	0.982122	1.02661	1.02661	0.907391	0.872486	-1.14615	1.11412	24.2441	19.3429	1
cg15963913	ZFYVE21	0.444793	0.697162	1.35623	1.35623	0.0566535	5.371	5.371	0.0412127	6.26504	6.26504	0.618553	1.47861	1.47861	0.586859	1.53342	1.53342	0.688687	1.3686	1.3686	0.510299	1.68259	1.68259	0.583312	1.53978	1.53978	0.798754	1.22026	1.22026	1.11412	10.7121	8.54658	1
cg26420606	L3MBTL4	0.444798	0.695743	0.946876	-1.0561	0.2966	1.16219	1.16219	0.727135	0.952509	-1.04986	0.584223	1.07978	1.07978	0.0471611	0.729445	-1.37091	0.857963	0.975426	-1.02519	0.275464	1.17067	1.17067	0.819406	0.968737	-1.03227	0.606741	0.930425	-1.07478	1.11411	0.340384	0.271575	1
cg20271681	WDR4;WDR4	0.444812	?	?	?	0.475947	0.571505	-1.74977	0.290216	0.423659	-2.36039	0.639505	1.43597	1.43597	0.362204	2.07101	2.07101	0.326946	2.20118	2.20118	?	?	?	0.663745	0.715126	-1.39836	0.16368	3.27123	3.27123	1.17484	7.74067	4.70623	1
cg01820262	CTNNBL1;CTNNBL1	0.44482	0.72864	0.773456	-1.2929	0.730991	0.775265	-1.28988	0.134651	0.300321	-3.32977	0.56797	1.53135	1.53135	0.895359	0.907548	-1.10187	0.644158	0.709484	-1.40948	?	?	?	0.163272	0.330231	-3.02818	0.178761	2.89458	2.89458	1.1249	8.42372	6.55236	1
cg04029455	TBCD	0.444833	0.332471	0.536084	-1.86538	0.609015	0.724918	-1.37947	0.454093	1.60887	1.60887	0.9787	1.01679	1.01679	0.118839	0.347951	-2.87397	0.147432	0.379333	-2.6362	0.111944	0.339799	-2.94292	0.368081	0.561845	-1.77985	0.922885	0.941409	-1.06224	1.11404	6.86123	5.47457	1
cg08327269	NEUROD1	0.444834	0.0946795	0.520972	-1.91949	0.745641	0.892329	-1.12066	0.526272	0.798459	-1.25241	0.0963856	0.52311	-1.91164	0.0956062	0.522137	-1.91521	0.736346	0.888449	-1.12556	0.794864	1.09546	1.09546	0.332463	0.703695	-1.42107	0.676338	0.863302	-1.15834	1.13265	2.14887	1.47561	1
cg03025135	ABHD2;ABHD2	0.444834	0.317426	1.2262	1.2262	0.702877	0.927167	-1.07855	0.762211	1.06171	1.06171	0.101206	1.42496	1.42496	0.60713	1.10776	1.10776	0.456705	1.16133	1.16133	0.217761	0.774264	-1.29155	0.372769	0.834809	-1.19788	0.325321	1.2219	1.2219	1.11403	0.686963	0.548129	1
cg23790767	ELL3;ELL3	0.444837	0.694926	1.1792	1.1792	0.611295	0.807066	-1.23906	0.029758	2.91459	2.91459	0.967507	0.983109	-1.01718	0.415423	0.706009	-1.41641	0.324771	1.53	1.53	0.894431	1.0571	1.0571	0.674065	1.19352	1.19352	0.546723	1.29055	1.29055	1.11403	3.08595	2.4623	1
cg12733595	NSUN4	0.444841	0.761972	1.0331	1.0331	0.582749	1.06128	1.06128	0.75477	1.03416	1.03416	0.0698996	0.804717	-1.24267	0.887937	1.01523	1.01523	0.284475	0.887642	-1.12658	0.251938	1.13689	1.13689	0.670437	1.04696	1.04696	0.324277	1.1153	1.1153	1.11402	0.202749	0.161776	1
cg02224329	ZNF804A	0.444843	0.0575686	0.702252	-1.42399	0.980762	0.996039	-1.00398	0.234924	1.22741	1.22741	0.701797	0.938642	-1.06537	0.971097	1.00598	1.00598	0.564162	0.908505	-1.10071	0.239543	1.22472	1.22472	0.867194	0.972829	-1.02793	0.536063	0.902007	-1.10864	1.11402	0.477967	0.381376	1
cg12969595	TMEM98;TMEM98	0.444849	0.867854	1.02733	1.02733	0.259714	0.826647	-1.20971	0.39287	0.867856	-1.15226	0.89143	1.02236	1.02236	0.219522	1.23252	1.23252	0.285925	0.835729	-1.19656	0.248125	1.21592	1.21592	0.420375	0.875203	-1.14259	0.2306	0.815754	-1.22586	1.114	0.462594	0.369115	1
cg22877428	UBR1	0.444861	0.19584	1.54777	1.54777	0.171301	1.59221	1.59221	0.639	1.16285	1.16285	0.4054	0.761981	-1.31237	0.564994	0.830471	-1.20414	0.141466	1.65684	1.65684	0.242868	1.47737	1.47737	0.646926	0.863061	-1.15867	0.949552	1.02041	1.02041	1.11398	1.79912	1.43559	1
cg01893041	PIK3R1;PIK3R1	0.444861	0.934501	0.987971	-1.01218	0.986304	0.997476	-1.00253	0.174011	0.808211	-1.2373	0.887143	0.979309	-1.02113	0.436221	0.88963	-1.12406	0.468042	0.896989	-1.11484	0.0806022	0.751781	-1.33018	0.486448	1.10973	1.10973	0.241344	1.19791	1.19791	1.11398	0.38246	0.30518	1
cg08478189	KLF7	0.444861	0.219659	0.805966	-1.24075	0.095933	0.736683	-1.35744	0.457706	0.881271	-1.13472	0.741243	0.946124	-1.05694	0.248381	0.817368	-1.22344	0.896032	1.02209	1.02209	0.523955	0.897686	-1.11397	0.519485	1.11531	1.11531	0.257017	1.21861	1.21861	1.11398	0.492799	0.393224	1
cg13951190	DENND1A	0.444867	0.676589	0.911827	-1.0967	0.088725	1.51158	1.51158	0.227235	1.32173	1.32173	0.0828934	1.52583	1.52583	0.549374	1.14259	1.14259	0.521019	1.15389	1.15389	0.404663	1.20637	1.20637	0.912024	0.975974	-1.02462	0.268389	1.28874	1.28874	1.11397	0.85423	0.681631	1
cg13591091	LRSAM1;LRSAM1;LRSAM1	0.444877	0.477673	0.877356	-1.13979	0.955468	0.98993	-1.01017	0.317325	0.829158	-1.20604	0.748549	0.943377	-1.06002	0.872394	0.971287	-1.02956	0.137699	1.33605	1.33605	0.0934423	1.3971	1.3971	0.624819	0.914547	-1.09344	0.465326	0.874007	-1.14416	1.11395	0.579514	0.462431	1
cg04912278	MRPL4;MRPL4;MRPL4;MRPL4;MRPL4	0.444878	0.348502	0.757099	-1.32083	0.953786	1.01685	1.01685	0.164307	1.53388	1.53388	0.44269	0.797992	-1.25315	0.401376	1.28098	1.28098	0.0689223	1.7983	1.7983	0.779858	0.922395	-1.08413	0.610211	1.15977	1.15977	0.805755	1.07361	1.07361	1.11395	1.46637	1.17011	1
cg08753841	ARHGEF10	0.44488	0.402687	0.751675	-1.33036	0.339393	0.720213	-1.38848	0.181654	0.623388	-1.60414	0.796199	0.91735	-1.0901	0.577037	1.20659	1.20659	0.398817	0.749823	-1.33365	0.301326	1.42895	1.42895	0.79783	0.918	-1.08932	0.0797849	0.523082	-1.91175	1.11394	1.96	1.56401	1
cg23064046	TRAPPC9;TRAPPC9	0.444882	0.835196	1.05014	1.05014	0.0998729	0.654798	-1.52719	0.970616	0.991388	-1.00869	0.289333	0.772384	-1.29469	0.0428092	0.578397	-1.72892	0.983719	0.99522	-1.0048	0.873721	1.03806	1.03806	0.642806	0.896125	-1.11592	0.772952	0.934324	-1.07029	1.11394	0.972866	0.776318	1
cg27542038	FRMD4A	0.444886	0.850265	1.05387	1.05387	0.670252	1.12626	1.12626	0.340348	1.31362	1.31362	0.907985	0.968412	-1.03262	0.682254	0.892016	-1.12106	0.939643	0.979197	-1.02125	0.0358295	1.96985	1.96985	0.518701	1.19916	1.19916	0.289467	0.73695	-1.35695	1.11393	1.35963	1.08495	1
cg23969309	MSL1	0.444893	0.628234	1.41492	1.41492	0.571663	1.50164	1.50164	0.922755	0.933339	-1.07142	0.38174	1.8929	1.8929	0.527452	1.57682	1.57682	0.775695	0.816114	-1.22532	0.037867	0.180393	-5.54345	0.376798	1.90619	1.90619	0.863539	1.13016	1.13016	1.11392	8.92603	7.12284	1
cg21902754	ZNF701	0.4449	0.113449	0.700848	-1.42684	0.351591	1.21877	1.21877	0.825247	1.04669	1.04669	0.2393	1.28957	1.28957	0.268432	1.26856	1.26856	0.678897	1.08971	1.08971	0.5002	0.868293	-1.15169	0.3288	0.812206	-1.23121	0.783279	1.05855	1.05855	1.1139	0.751353	0.599576	1
cg15069235	HDAC2	0.444908	0.735366	0.782731	-1.27758	0.460567	1.72028	1.72028	0.357894	1.97925	1.97925	0.83633	1.16111	1.16111	0.297441	0.458412	-2.18144	0.805277	1.19525	1.19525	0.0687363	0.229681	-4.35386	0.273517	0.43918	-2.27697	0.547461	1.55205	1.55205	1.11389	9.19862	7.34056	1
cg02107887	NPLOC4	0.444914	0.618465	0.881977	-1.13382	0.902597	0.969839	-1.0311	0.630982	1.12869	1.12869	0.253452	0.742055	-1.34761	0.443944	0.822647	-1.21559	0.884509	1.03703	1.03703	0.0354556	0.541996	-1.84503	0.25348	0.742069	-1.34758	0.359205	0.789926	-1.26594	1.11387	1.10379	0.880842	1
cg08452146	ADAT2;PEX3	0.444914	0.55585	1.19009	1.19009	0.848864	1.05731	1.05731	0.829169	0.938831	-1.06515	0.632004	0.868536	-1.15136	0.436595	0.793079	-1.26091	0.490391	0.814938	-1.22709	0.36748	1.31052	1.31052	0.0633046	1.84055	1.84055	0.185675	1.50672	1.50672	1.11387	1.50532	1.20127	1
cg23128025	WDFY2	0.444916	0.507378	1.57037	1.57037	0.693897	0.76717	-1.30349	0.306657	0.490479	-2.03882	0.677338	0.755473	-1.32367	0.591092	0.695131	-1.43858	0.0946174	0.286978	-3.48459	0.853387	1.13188	1.13188	0.410783	1.75958	1.75958	0.178996	2.62425	2.62425	1.13247	7.8712	5.40591	1
cg02764438	CGNL1	0.44492	0.147297	0.538933	-1.85552	0.583517	1.2462	1.2462	0.505122	0.764274	-1.30843	0.385324	1.42448	1.42448	0.869456	0.936705	-1.06757	0.980634	1.0097	1.0097	0.0629615	2.29691	2.29691	0.750369	0.880833	-1.13529	0.802339	1.10485	1.10485	1.11386	2.78777	2.22471	1
cg00238182	SCUBE1	0.444929	0.841929	0.956363	-1.04563	0.325942	1.25437	1.25437	0.0336701	1.7408	1.7408	0.839442	0.955681	-1.04637	0.205301	1.34797	1.34797	0.667899	1.10125	1.10125	0.253181	1.30561	1.30561	0.496984	1.16661	1.16661	0.605675	1.12341	1.12341	1.11384	0.880818	0.702925	1
cg05956920	WWOX	0.444944	0.0535356	0.560692	-1.78351	0.402425	0.797624	-1.25372	0.346466	0.774274	-1.29153	0.554606	0.854095	-1.17083	0.369118	0.783956	-1.27558	0.635258	0.881536	-1.13438	0.199921	1.42949	1.42949	0.99677	1.00107	1.00107	0.79482	0.933541	-1.07119	1.11381	1.2283	0.980258	1
cg26462130	MAD1L1;MAD1L1;MAD1L1	0.444945	0.483341	0.553736	-1.80592	0.06359	0.17719	-5.64366	0.116934	0.243366	-4.10904	0.737157	0.756172	-1.32245	0.322962	0.428662	-2.33284	0.667132	0.698368	-1.43191	0.201582	0.326625	-3.06162	0.786519	1.25263	1.25263	0.681699	1.40801	1.40801	1.11381	12.1444	9.69193	1
cg16236960	MGAT5;MGAT5	0.444969	0.702907	0.745946	-1.34058	0.0448197	5.82109	5.82109	0.0746114	4.56809	4.56809	0.772088	1.24874	1.24874	0.961345	1.03777	1.03777	0.876912	1.12587	1.12587	0.673584	1.38273	1.38273	0.905674	0.913319	-1.09491	0.99184	0.992209	-1.00785	1.11376	10.3197	8.2361	1
cg05202084	NR2C1;NR2C1;NR2C1	0.444969	0.14153	0.725204	-1.37892	0.115041	0.705902	-1.41663	0.693391	1.08387	1.08387	0.791733	1.05526	1.05526	0.329462	0.815013	-1.22697	0.795958	0.948696	-1.05408	0.141342	0.725078	-1.37916	0.512305	1.14462	1.14462	0.498966	0.869793	-1.1497	1.11376	0.728669	0.581547	1
cg18502142	DLX6AS	0.444971	0.714401	2.00459	2.00459	0.980295	1.04784	1.04784	0.953222	0.894939	-1.11739	0.726446	0.51448	-1.94371	0.0517034	66.0014	66.0014	0.418589	0.209318	-4.77742	0.642436	0.412835	-2.42227	0.124358	23.2983	23.2983	0.750975	1.82654	1.82654	1.11376	63.1522	50.4016	1
cg23959366	LRRN2;LRRN2;LRRN2	0.444977	0.436624	0.733455	-1.36341	0.54044	0.784997	-1.27389	0.886978	1.05712	1.05712	0.462075	0.746442	-1.33969	0.227923	0.609955	-1.63947	0.786132	0.89921	-1.11209	0.318713	0.668618	-1.49562	0.025295	0.353859	-2.82598	0.98745	0.993875	-1.00616	1.11375	2.69145	2.14806	1
cg21736309	ATP13A1	0.44498	?	?	?	0.348525	1.73186	1.73186	0.277439	1.90359	1.90359	0.53976	0.703036	-1.4224	?	?	?	?	?	?	?	?	?	0.394715	1.64155	1.64155	0.290751	0.535451	-1.86759	1.082	2.99107	3.87015	1
cg02239049	MAML2	0.444986	0.136877	0.778928	-1.28382	0.436204	1.13184	1.13184	0.367621	0.865636	-1.15522	0.690612	1.06436	1.06436	0.722962	1.05707	1.05707	0.114612	1.30675	1.30675	0.488983	0.896198	-1.11582	0.969396	0.994036	-1.006	0.402767	1.14282	1.14282	1.11373	0.428787	0.342223	1
cg10515232	HDAC4	0.444988	0.227238	1.92906	1.92906	0.403853	0.64228	-1.55695	0.39409	0.636076	-1.57214	0.919325	0.948845	-1.05391	0.392845	0.635281	-1.57411	0.932537	0.957066	-1.04486	0.12454	0.422343	-2.36774	0.190538	2.05128	2.05128	0.832197	1.11625	1.11625	1.11373	4.7385	3.78189	1
cg26325723	ACSS1	0.444989	0.339716	0.638745	-1.56557	0.593869	1.27785	1.27785	0.194255	0.534939	-1.86937	0.377681	1.51035	1.51035	0.213915	0.550936	-1.81509	0.668946	1.21647	1.21647	0.280405	0.599819	-1.66717	0.193895	0.534638	-1.87042	0.326161	0.630142	-1.58694	1.11372	3.66039	2.92144	1
cg19692192	PCDH1;PCDH1	0.444994	0.750024	1.24363	1.24363	0.0934758	3.51968	3.51968	0.377171	1.85542	1.85542	0.506734	1.58324	1.58324	0.92058	1.07039	1.07039	0.977792	1.01917	1.01917	0.115955	0.311799	-3.2072	0.252822	2.25848	2.25848	0.821979	1.16616	1.16616	1.11371	8.20654	6.54989	1
cg03595243	RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.444995	0.695852	0.891952	-1.12114	0.291655	0.727275	-1.375	0.0470136	0.516008	-1.93795	0.53657	0.833487	-1.19978	0.795042	0.927032	-1.07871	0.735531	0.906041	-1.1037	0.0702946	0.554962	-1.80193	0.862197	0.950692	-1.05187	0.342399	0.752238	-1.32937	1.11371	1.49412	1.19251	1
cg06791321	RTN4RL1	0.444995	0.689421	1.09865	1.09865	0.16609	1.4132	1.4132	0.983068	0.995042	-1.00498	0.182054	0.717698	-1.39334	0.517766	0.857642	-1.16599	0.991719	1.00243	1.00243	0.221612	0.740178	-1.35103	0.199964	1.37312	1.37312	0.642999	1.11551	1.11551	1.11371	0.967394	0.772108	1
cg15941449	DLX1;DLX1	0.444997	0.90914	1.03259	1.03259	0.0645868	1.79158	1.79158	0.170884	1.50615	1.50615	0.488926	1.2183	1.2183	0.927645	1.02584	1.02584	0.326456	1.32917	1.32917	0.559794	0.847361	-1.18013	0.387475	0.779735	-1.28249	0.436419	1.24982	1.24982	1.11371	1.39153	1.11063	1
cg07545306	NME2;NME2;NME2;NME1-NME2;NME2	0.445004	0.0634467	0.245972	-4.0655	0.65472	1.35323	1.35323	0.757754	1.23109	1.23109	0.894871	1.09291	1.09291	0.17986	0.383957	-2.60445	0.687051	0.761735	-1.31279	0.122772	0.325077	-3.07619	0.522454	0.64687	-1.54591	0.556586	0.670593	-1.49122	1.11369	7.9655	6.35762	1
cg03261162	DYSFIP1;FAM195B;FAM195B	0.44502	0.139132	0.765956	-1.30556	0.404955	0.866995	-1.15341	0.525307	0.897799	-1.11384	0.617172	1.08808	1.08808	0.762195	0.950437	-1.05215	0.373166	0.85802	-1.16547	0.0711935	0.713512	-1.40152	0.478374	0.886281	-1.12831	0.381847	1.16209	1.16209	1.11366	0.494824	0.394952	1
cg03768687	SNX12	0.445036	0.193043	0.265105	-3.77209	0.793872	0.776952	-1.28708	0.956969	1.05338	1.05338	0.0871334	6.1757	6.1757	0.695912	1.4602	1.4602	0.12316	0.199954	-5.00116	0.796403	0.779429	-1.28299	0.970395	1.03642	1.03642	0.97857	1.02623	1.02623	1.11363	16.3837	13.0774	1
cg22303846	NMI	0.44504	0.129367	0.559337	-1.78783	0.650346	0.850615	-1.17562	0.262337	0.660746	-1.51344	0.240487	0.646798	-1.54608	0.117291	0.547057	-1.82796	0.152132	0.580466	-1.72275	0.206102	0.623207	-1.6046	0.168489	0.594349	-1.68251	0.69143	0.868096	-1.15195	1.11362	2.21726	1.7698	1
cg13427789	LMTK2	0.44504	0.176146	1.75152	1.75152	0.895915	0.95027	-1.05233	0.867158	1.06742	1.06742	0.06755	0.450154	-2.22146	0.564517	0.796929	-1.25482	0.602045	1.22757	1.22757	0.510352	1.29722	1.29722	0.63826	1.20267	1.20267	0.358892	0.692354	-1.44435	1.11362	2.67874	2.13816	1
cg03595626	DSG2	0.445041	0.662855	0.781559	-1.27949	0.547623	1.40758	1.40758	0.939007	1.04393	1.04393	0.401139	1.62064	1.62064	0.137172	0.406773	-2.45837	0.572928	0.726117	-1.37719	0.82515	1.13237	1.13237	0.0761746	3.03	3.03	0.474785	1.50435	1.50435	1.11362	5.56727	4.44378	1
cg16420308	NRXN3;NRXN3;NRXN3	0.445045	0.256208	0.420783	-2.37652	0.116116	3.4808	3.4808	0.237354	2.46983	2.46983	0.763733	1.2463	1.2463	0.962231	0.966004	-1.03519	0.229003	2.51441	2.51441	0.327559	2.0921	2.0921	0.560987	0.650923	-1.53628	0.683379	0.741182	-1.3492	1.11361	9.4089	7.51021	1
cg24199987	SGMS1	0.445045	0.702163	1.06803	1.06803	0.418919	1.15197	1.15197	0.315463	1.19457	1.19457	0.614392	1.09091	1.09091	0.736196	1.05963	1.05963	0.880277	1.02615	1.02615	0.0711433	0.708023	-1.41238	0.202349	1.2593	1.2593	0.330501	1.18767	1.18767	1.11361	0.517474	0.41305	1
cg23963229	RERE;RERE	0.445051	0.781986	0.786667	-1.27119	0.53184	1.72938	1.72938	0.966757	0.964595	-1.0367	0.700726	0.716026	-1.3966	0.673658	0.693244	-1.44249	0.942932	0.939954	-1.06388	0.215566	3.08772	3.08772	0.422869	2.03009	2.03009	0.0445239	0.135938	-7.3563	1.1136	13.1954	10.5327	1
cg21679294	BIRC2;BIRC2	0.445054	0.443867	0.887942	-1.1262	0.339594	0.860835	-1.16166	0.101304	1.31411	1.31411	0.17628	0.803413	-1.24469	0.592091	0.920953	-1.08583	0.695284	0.941828	-1.06177	0.563494	0.914923	-1.09299	0.857103	1.02782	1.02782	0.215436	0.819952	-1.21958	1.11359	0.40882	0.326327	1
cg22154616	ALPL	0.445056	0.0360103	0.496682	-2.01336	0.205729	0.6818	-1.46671	0.53458	0.834887	-1.19777	0.667314	0.883314	-1.1321	0.334961	0.751791	-1.33016	0.960047	0.985729	-1.01448	0.431343	1.25915	1.25915	0.564646	0.846147	-1.18183	0.551236	0.841151	-1.18885	1.11359	1.45196	1.15898	1
cg08810813	C16orf13;C16orf13;C16orf13;C16orf13; C16orf13	0.445063	0.769503	1.05347	1.05347	0.613518	1.09448	1.09448	0.191778	1.27758	1.27758	0.0876132	0.71587	-1.3969	0.610496	1.09534	1.09534	0.386807	0.854481	-1.1703	0.282595	0.820427	-1.21888	0.517233	0.890121	-1.12344	0.78803	1.04893	1.04893	1.11358	0.554242	0.442412	1
cg18634848	RAD23A	0.445064	0.260247	0.723473	-1.38222	0.250555	1.39229	1.39229	0.925259	0.974467	-1.0262	0.973459	1.00921	1.00921	0.353956	0.768834	-1.30067	0.0901484	0.597615	-1.67332	0.864738	1.04812	1.04812	0.450424	1.23612	1.23612	0.4162	1.25741	1.25741	1.11357	1.34005	1.06967	1
cg21351994	EMX1	0.445068	0.883958	0.977213	-1.02332	0.867381	0.973967	-1.02673	0.843314	1.03173	1.03173	0.866992	1.02681	1.02681	0.251877	1.20795	1.20795	0.865599	1.0271	1.0271	0.0713967	0.727745	-1.37411	0.857372	1.0288	1.0288	0.116932	1.30842	1.30842	1.11357	0.439343	0.3507	1
cg13967810	SMARCA2;SMARCA2	0.445071	0.670658	0.75498	-1.32454	0.528611	1.52116	1.52116	0.784047	1.19782	1.19782	0.618573	1.39069	1.39069	0.0614655	0.250496	-3.99208	0.737405	0.801629	-1.24746	0.106176	0.313683	-3.18793	0.596047	1.42123	1.42123	0.741427	0.804471	-1.24305	1.11356	7.61425	6.078	1
cg06616029	TTBK2	0.44508	0.703153	1.06574	1.06574	0.659068	1.07664	1.07664	0.149196	1.29335	1.29335	0.991766	1.00172	1.00172	0.497615	1.12133	1.12133	0.936477	1.01334	1.01334	0.114249	0.751477	-1.33071	0.136501	1.30576	1.30576	0.719457	0.941778	-1.06182	1.11354	0.487786	0.389376	1
cg07057191	PKNOX2	0.44508	0.294086	1.72777	1.72777	0.745181	0.848857	-1.17805	0.663603	0.802597	-1.24596	0.502993	1.40714	1.40714	0.725109	1.19411	1.19411	0.765069	1.16252	1.16252	0.0606487	2.89451	2.89451	0.0927497	2.53318	2.53318	0.393726	1.55113	1.55113	1.11354	4.45293	3.55456	1
cg21539903	PARD3B;PARD3B;PARD3B	0.44508	0.521205	0.889849	-1.12379	0.606912	0.911062	-1.09762	0.295247	0.822982	-1.21509	0.731569	0.940067	-1.06375	0.0513499	0.671536	-1.48912	0.717248	1.06745	1.06745	0.87307	1.02911	1.02911	0.299406	1.21292	1.21292	0.272505	0.814653	-1.22752	1.11354	0.56813	0.453512	1
cg23947919	ULK1	0.445095	0.602613	0.836758	-1.19509	0.971563	0.987979	-1.01217	0.992681	1.00312	1.00312	0.986909	1.00558	1.00558	0.0341882	0.43237	-2.31284	0.39578	0.744487	-1.34321	0.222593	0.647354	-1.54475	0.421699	1.32112	1.32112	0.543774	0.811808	-1.23182	1.11351	2.03009	1.62057	1
cg06090161	SLC38A10;SLC38A10	0.445095	0.332605	0.744076	-1.34395	0.442207	1.26081	1.26081	0.436573	0.790776	-1.26458	0.318277	0.737061	-1.35674	0.0543692	0.524315	-1.90725	0.284792	0.719925	-1.38903	0.717022	1.11366	1.11366	0.323212	0.739497	-1.35227	0.500148	0.816749	-1.22437	1.11351	1.54268	1.23148	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(105T 04T vs. N)	Fold-Change(105T vs. N)	p-value(105T 05T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 11T vs. N)	Fold-Change(112T vs. N)	p-value(121T 12T vs. N)	Fold-Change(121T vs. N)	p-value(121T 21T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 47T vs. N)	Fold-Change(353T vs. N)	p-value(353T 53T vs. N)	Fold-Change(353T vs. N)	p-value(537T 53T vs. N)	Fold-Change(537T vs. N)	p-value(563T 37T vs. N)	Fold-Change(563T vs. N)	p-value(563T 63T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg08434075	DBNDD1;DBNDD1	0.445098	0.405406	0.08833	1.58083	0.193117	2.10491	0.21901	0.624017	0.30444	1.30444	0.815007	0.881537	-1.13438	0.215186	0.495661	-2.03751	0.454765	0.663911	-1.50823	0.633648	1.29474	1.29474	0.108534	0.389942	-2.56448	0.944039	0.062938	-1.03849	1.13351	5.10406	4.07446	1
cg06152533	LRRN1	0.44511	0.258653	0.60355	-1.65586	0.359034	1.49668	0.06546447	2.49253	0.24493	0.674776	0.834603	-1.19817	0.536734	0.764909	0.30734	0.590443	0.792335	-1.26209	0.324133	0.646441	-1.54691	0.979087	0.988833	-1.01129	0.76711	0.880524	-1.13569	1.13148	1.23685	2.58396	1
cg12867237	ACCS;ACCS	0.445126	0.950006	1.00778	1.00778	0.258362	1.15702	1.15702	0.265278	1.15439	1.15439	0.313514	0.879040	-1.13759	0.497828	0.918408	-1.08884	0.117556	1.23394	1.23394	0.903906	0.985175	-1.01505	0.784415	0.966656	-1.03449	0.203359	1.18063	1.18063	1.11545	0.269703	0.215309	1
cg25705519	ZNF407;ZNF407	0.445129	0.577484	0.791084	-1.26407	0.880045	0.941334	-1.06204	0.371697	1.4051	1.4051	0.354882	1.48634	1.48634	0.218337	0.583284	-1.71458	0.38807	1.69186	-1.44038	0.309257	0.645215	-1.54987	0.108607	0.482503	-2.07253	0.563766	1.27509	1.27509	1.1344	3.05776	2.44108	1
cg21735714	C9orf21	0.445131	0.518643	0.86701	-1.15339	0.447685	1.13695	1.63965	0.294139	1.26784	1.26784	0.985089	0.995933	-1.00408	0.988061	0.996742	-1.00327	0.515281	0.865986	-1.15475	0.999034	1.00026	1.00026	0.195496	1.34795	1.34795	0.925571	0.979828	-1.02059	1.13544	0.838765	0.669608	1
cg06595927	PER3	0.445197	0.25047	2.26896	2.26896	0.449147	1.69251	1.69251	0.06405842	4.13666	4.13666	0.382253	0.542603	-1.84297	0.590736	0.690444	-1.44834	0.790328	0.833755	-1.19939	0.535332	0.615614	-1.53465	0.53077	0.648414	-1.54222	0.597479	1.43845	1.43845	1.13483	2.80878	6.55333	1
cg05195085	PTPRN2;PTPRN2;PTPRN2	0.445139	0.917495	1.0202	1.0202	0.912317	1.02149	1.02149	0.931372	0.983511	-1.01677	0.458236	1.15697	1.15697	0.03893984	0.630392	-1.58631	0.611001	1.10409	1.10409	0.839446	1.03994	1.03994	0.829714	0.959277	-1.04245	0.16907	0.753654	-1.32687	1.11342	0.657074	0.524567	1
cg06420480	RPTOR;RPTOR	0.445142	0.144874	0.480753	-2.08007	0.219218	0.556514	1.81011	0.562175	1.77788	1.77788	0.854256	1.15765	1.15765	0.754276	-1.32597	0.043154	0.537629	1.86015	1.86015	0.085075	0.98059	1.00059	0.930807	0.962393	-1.03989	0.946095	0.980151	-1.03183	1.11342	3.85832	3.08026	1
cg02239071	GABBR1;GABBR1;GABBR1	0.445147	0.750532	1.08634	0.340366	1.29061	1.29061	0.16151	0.4743	2.1745	0.9127775	0.078173	-1.02231	0.204789	0.70653	-1.41537	0.784205	1.07387	0.931798	0.255467	0.73526	-1.36006	0.941839	1.05324	0.15324	0.194691	0.700351	-1.42786	1.13541	1.88872	0.940814	1
cg11809668	KIAA0222;KIAA0922	0.445155	0.447246	0.494	-2.02429	0.0437607	0.121219	-8.24952	0.378965	0.439666	-2.27446	0.701031	1.42076	1.42076	0.157063	0.252149	-3.96591	0.55805	0.58316	-1.71479	0.23178	0.324388	-3.08273	0.491907	0.529671	-1.88796	0.894285	1.12867	1.12867	1.11339	14.6154	11.6683	1
cg25274185	FBY	0.445156	0.319582	1.34125	1.34125	0.565164	1.19347	0.439429	0.688085	-1.4512	0.869354	1.08008	1.08008	0.242705	1.26404	1.26404	0.162449	0.20954	4.77124	4.77124	0.0195	0.43124	2.31806	0.704241	1.1025	1.11505	0.113339	3.861854	0.588315	1.19539	0.762974	0.150125	1
cg24286051	RBAK	0.445158	0.222379	0.668204	-1.49655	0.139943	1.64863	0.112626	1.72112	0.162626	1.72112	0.79184	1.08389	0.083289	0.430239	1.25123	1.25123	0.568242	0.825959	-1.21071	0.371356	1.33452	1.33452	0.524421	1.22483	1.22483	0.671166	1.14369	1.13352	1.14369	1.13199	1.74203	1.39149	1
cg27406150	FFO1;FFO1;FFO1	0.445159	0.059141	1.66257	1.6162	0.624237	1.11783	0.425955	1.09977	1.19977	0.467371	1.18157	1.18157	0.495006	1.16921	1.16921	0.24571	1.31511	1.31511	0.350734	1.30375	1.30375	0.443478	-1.1843	0.495772	0.855526	-1.16887	1.11338	0.809755	0.716574	1
cg18404559	PRKAG2;PRKAG2;PRKAG2	0.445163	0.145274	1.83085	1.83085	0.455418	0.745291	-1.34176	0.373555	1.09678	1.09678	0.759008	1.12636	1.12636	0.928952	1.03509	1.03509	0.636574	1.20207	1.20207	0.375753	1.74492	1.74492	0.126422	1.89527	1.89527	0.30628	0.663922	-1.5062	1.11338	2.63675	2.10511	1
cg02659117	KIAA0232;KIAA0232	0.445165	0.455289	0.710714	-1.40704	0.612525	1.17107	0.769754	0.3302277	3.13995	3.13995	0.726122	1.17107	1.17107	0.176932	0.876322	-1.14113	0.586579	1.27963	1.27963	0.629458	0.803873	-1.24398	0.378149	1.50087	1.50087	0.771126	0.877232	-1.13995	1.11337	3.55565	2.83875	1
cg05453434	CDH13	0.445175	0.694221	1.5512	1.5512	0.475477	0.773011	1.2926	0.077424	2.16274	2.16274	0.363427	0.768441	-1.39152	0.31529	0.602611	-1.44381	0.840332	1.07005	1.07005	0.916395	1.82852	1.82852	0.602476	0.883375	-1.20428	0.115143	0.545651	-1.83298	1.11335	1.22026	1.76148	1
cg09758663	METTL9;METTL9	0.44518	0.245073	0.27852	-3.59041	0.622483	0.593551	-1.68489	0.247286	3.56708	3.56708	0.528434	0.510974	-1.95705	0.416941	0.418057	-2.39202	0.849002	0.818419	-1.22187	0.0696707	0.118497	-8.439	0.400397	0.404569	-2.47177	0.245552	2.28794	-3.58533	1.11334	19.4881	15.5592	1
cg16447486	ZNF594 - STRADA;STRADA;STRADA;STRADA;STR	0.445182	0.66949	1.11552	1.11552	0.437653	1.12233	1.12233	0.370004	2.16514	2.16514	0.576988	1.15427	1.15427	0.0898669	0.621261	-1.60963	0.114809	1.54745	1.54745	0.948578	1.01656	1.01656	0.675845	0.899739	-1.11143	0.711031	0.928239	-1.07713	1.11334	1.14299	0.912566	1
cg16306381	ADA;STRADA	0.445184	0.724612	0.951622	-1.05084	0.147351	1.24355	1.24355	0.498131	1.10122	1.10122	0.810099	0.966972	-1.03416	0.350807	1.14411	1.14411	0.799638	1.0363	1.0363	0.190761	0.823476	-1.21436	0.200521	1.20871	1.20871	0.22876	1.19372	1.19372	1.11333	0.346544	0.276681	1
cg20948091	B3N	0.445189	0.147574	1.948916	1.948916	0.0727995	1.22722	1.22722	0.544252	1.51574	1.51574	0.445949	0.790684	-1.26505	0.0794372	0.609723	-1.64002	0.332538	0.507938	-1.96774	0.175532	0.376766	-2.65417	0.601924	0.700023	-1.42852	0.405611	0.561821	-1.77993	1.11332	8.05678	6.46456	1
cg22432294	TJP1;TFDP1	0.445191	0.267984	3.88467	3.88467	0.437869	1.40487	0.14087	0.172168	5.52413	5.52413	0.284601	0.69603	0.369603	0.376783	2.9057	2.9057	0.88391	1.18748	1.18748	0.250432	4.10599	0.479201	3.75531	0.375531	0.973576	0.03697	1.03697	1.11332	24.3891	19.4726	1
cg06062125	G3BP1;G3BP2;G3BP2	0.445192	0.1013	0.9873	0.9873	0.77939	0.60667	0.13213	0.31292	1.68693	1.68693	0.607674	1.22292	1.22292	0.340613	0.722292	-1.38454	0.855459	1.05565	1.05565	0.675029	0.586504	0.586504	-1.70529	0.796666	-1.25524	0.0855589	0.466004	-2.0576	0.353752	1.32757	1.32757	1.11332	1.55444	1.14955	1
cg09952366	PDXDC2	0.445195	0.13231	0.694103	-1.44071	0.20097	1.35476	1.35476	0.819971	1.05258	1.05258	0.853703	0.959353	-1.04237	0.668087	1.10183	1.10183	0.264538	1.769953	1.76953	-1.29878	0.121904	0.685968	-1.45779	0.941812	0.983723	-1.01655	0.896345	0.971123	-1.02974	1.11331	0.891099	0.711471	1
cg02215787	RBAK	0.445198	0.389197	1.67878	1.67878	0.252521	0.495742	-2.01158	0.221228	2.1118	2.1118	0.830769	0.881924	-1.13388	0.536365	1.44425	1.44425	0.682296	0.785315	-1.27332	0.0957008	0.941503	-2.92823	0.421833	0.617718	-1.61886	0.59434	0.729237	-1.37105	1.11331	6.07737	4.85231	1
cg27651220	JPH3	0.445452	0.538075	1.85824	1.85824	0.183402	0.714384	1.39958	0.3708	1.85207	1.85207	0.490444	1.34054	1.34054	0.746007	1.49259	1.49259	0.2821	3.54376	3.54376	0.0026211	4.48159	0.223126	1.00705	1.00705	1.01995	1.96855	2.82852	0.354355	1.02039	1.02039	0.616727	1.21803	1.21803	1.1333	2.6937	2.53072	1
cg04677683	GNAS;GNAS;GNAS;GNASAS	0.445202	0.736105	1.10074	1.10074	0.139515	0.636857	-1.57021	0.713662	1.11024	1.11024	0.929155	1.02674	1.02674	0.297221	0.735897	-1.35889	0.213236	1.45056	1.45056	0.159151	1.53263	1.53263	0.424432	1.26046	1.26046	0.738267	1.09984	1.09984	1.1333	1.41978	1.13359	1
cg04575237	DYNC1H1	0.445217	0.990303	1.009167	-1.07184	0.970544	1.16447	1.16447	0.333888	1.16796	1.16796	0.765864	1.04088	1.04088	0.587012	1.08557	1.08557	1.18841	1.18841	1.18841	0.0287212	1.98557	1.98557	1.18602	0.0663738	1.36979	1.36979	1.13327	0.401815	0.328829	1
cg12291192	TBC1D25	0.445219	0.0521706	1.281103	-7.8062	0.157203	0.24477	-4.08546	0.616355	0.625013	-1.59997	0.507205	1.81538	1.81538	0.611631	2.2191	2.2191	0.206239	2.280259	-3.45711	0.9521	1.05748	1.05748	0.774084	0.762003	-1.31233	0.902538	1.12073	1.12073	1.11326	15.2622	12.1861	1
ch.5.27331008	RBM27	0.44522	0.964949	0.993067	-1.00698	0.173574	0.795156	-1.25761	0.148573	0.782474	-1.278	0.570752	0.913287	-1.09495	0.0452884	0.695192	-1.43845	0.357312	0.860819	-1.16168	0.229657	0.819104	-1.22085	0.586433	0.916712	-1.09086	0.645104	0.929221	-1.07618	1.11326	0.441897	0.352834	1
cg06152485	NRN1L	0.445225	0.498807	1.46323	1.46323	0.0955511	1.65551	1.65551	0.187213	1.88984	1.88984	0.23589	0.814209	-1.22857	0.400095	0.753452	-1.32722	0.57275	0.729503	-1.37061	0.197551	0.476522	-2.09737	0.873972	0.915191	1.56961	1.56961	1.12515	-1.09182	0.429229	1.56961	1.25315	1.13967	4.31143	1
cg22239483	ZNF682;ZNF682;ZNF682	0.445229	0.653057	0.923492	-1.08285	0.312571	1.20171	1.20171	0.775323	1.05158	1.05158	0.0606796	0.689356	-1.45063	0.1445	0.75903	-1.31747	0.70707	0.935751	-1.06866	0.330148	0.837977	-1.19335	0.562782	0.902199	-1.1084	0.854056	0.968129	-1.03292	1.11325	0.545534	0.435591	1
cg15632227	HENMT1	0.445231	0.313955	1.3178	1.3178	0.0739359	0.66207	0.13954	0.31508	1.84906	1.84906	0.402945	0.814354	-1.22919	0.365567	0.632894	-1.58016	0.252577	0.91004	1.09891	0.0154244	0.5057	1.97826	0.534412	1.2809	1.28094	0.0488661	1.02554	1.02554	1.11325	1.23813	1.01257	1
cg16684811	LHFPL2	0.445237	0.133316	0.653306	-1.53068	0.403392	0.798686	-1.25206	0.901417	0.967947	-1.03311	0.499326	1.19755	1.19755	0.526034	0.844589	-1.18401	0.732571	1.09436	1.09436	0.401024	0.797738	-1.25354	0.276913	1.3462	1.3462	0.121941	0.643557	-1.55383	1.11323	1.21848	0.972934	1
cg16100530	SH3GL3;SH3GL3	0.445238	0.567233	1.38855	1.38855	0.652873	1.29303	1.29303	0.797561	0.864241	-1.15708	0.231021	2.04044	2.04044	0.631954	0.76039	-1.31511	0.547384	1.41285	1.41285	0.142887	2.44448	0.409476	3.5706	0.35706	0.384769	1.65834	1.65834	1.11323	0.568065	0.43589	1
cg03465762	ENTPD5;C14orf45	0.44529	?	?	?	?	1.74757	1.74757	0.43147	1.78277	1.78277	0.43147	1.78277	1.78277	0.312493	0.560222	-1.78448	?	?	?	?	1.34599	0.743265	0.839709	1.19192	1.20013	0.678482	-1.47112	1.31992	1.70957	0.176954	0.133904	1
cg22134325	NPAS4	0.445255	0.844061	0.891354	-1.12189	0.502949	0.48739	-1.48739	0.166288	2.36796	2.36796	0.962366	0.972819	-1.02794	0.264502	0.50702	-1.97231	0.526877	0.687671	-1.45418	0.432609	0.626441	-1.59632	0.979781	0.985309	-1.01491	0.0914156	2.96124	2.96124	1.13319	6.01329	4.80164	1
cg09329144	LOC100130581;LOC100130581	0.445262	0.422736	0.6962	-1.43637	0.0858384	0.27263	1.67363	0.290381	1.30349	1.30349	0.587952	1.30349	1.30349	0.587952	1.30349	1.30349	0.0015552	0.190519	-5.24966	0.0019559	0.44339	2.25497	0.862295	0.959861	-1.0428	0.565328	1.1506	1.1506	1.1308	2.07007	0.82013	1
cg08784520	THEM5	0.445274	0.505174	1.25819	1.25819	0.150139	1.68785	0.967536	0.10392	1.10392	0.938775	0.764721	-1.30767	0.776108	1.1017	1.1017	1.1017	0.48431	1.785515	-1.27305	0.0504653	0.213236	2.21236	0.354496	0.980802	-1.01957	0.665456	1.15924	1.15924	1.11315	1.03405	1.62425	1
cg13540881	RPF1	0.44528	0.0808718	1.81122	1.81121	0.751373	0.907089	-1.10245	0.223594	0.675455	-1.48048	0.436585	0.783947	-1.27576	0.614462	0.855682	-1.16866	0.190537	1.53015	1.53015	0.985559	0.994461	-1.00557	0.639281	1.15588	1.15588	0.956024	1.01707	1.01707	1.11314	1.66006	1.32563	1
cg04577594	GAUNT2	0.445283	0.141384	0.727768	-1.37484	0.0711941	0.185	-5.4452	0.0901237	0.754844	-1.32477	0.0997557	1.04086	1.04086	0.824499	0.668136	-1.49662	0.380928	0.774548	-1.29149	0.33168	0.733127	-1.36375	0.858142	1.04683	1.04683	0.847344	1.13652	1.13652	1.11313	0.921211	0.921211	1
cg02769614	EGFL8	0.445285	0.411687	1.39207	1.39207	0.545338	1.27278	1.27278	0.27249	1.03735	1.03735	0.662468	1.18897	1.18897	0.167771	1.88076	1.88076	0.861392	1.0713	1.0713	0.0283409	2.77324	0.37434	0.354046	1.45609	1.45609	0.459821	1.34524	1.34524	1.11313	2.73788	2.18632	1
cg23782734	PFKP	0.445293	0.24764	4.03896	4.03896	0.0727	2.0977	2.0977	0.0479488	2.04942	2.04942	0.0680444	0.668044	-1.49644	0.256514	0.602276	-1.66044	0.919384	1.08744	1.08744	0.0249442	1.33081	1.33081	0.882006	0.9705	1.00701	0.784477	1.08881	1.08881	1.11312	0.0488411	0.0388	1
cg16250023	USP32	0.44453	0.264017	0.805771	-1.24105	0.968024	0.9928	-1.00725	0.246328	1.25217	1.25217	0.207126	0.781326	-1.27988	0.529268	1.12549	1.12549	0.460736	1.14946	1.14946	0.298679	0.818888	-1.22117	0.366969	1.18757	1.18757	0.349716	1.19548	1.19548	1.1131	0.606527	0.484353	1
cg20613259	NCSTN;C2CD4A	0.445304	0.215997	0.812573	-1.23094	0.0920511	0.179644	-2.18264	0.0999159	0.44956	-2.25448	0.422564	0.742838	-1.34619	0.574607	0.814881	-1.22757	0.359727	0.728994	-1.37175	0.164002	0.417265	-2.39673	0.783964	0.874553	1.14387	1.14387	1.13163	0.414121	0.685496	-1.4588	1.1309	2.3216	1.83937	1
cg12712479	PRDX6	0.445304	0.429931	0.954665	-1.04643	0.210215	0.24477	-4.08546	0.616355	0.625013	-1.59997	0.507205	1.81538	1.81538	0.611631	2.2191	2.2191	0.206239	2.280259	-3.45711	0.9521	1.05748	1.05748	0.774084	0.762003	-1.31233	0.902538	1.12073	1.12073	1.11326	15.2622	12.1861	1
cg01971789	TRIM27	0.445309	0.42211	1.68065	1.68065	0.313434	0.516798	-1.93499	0.376435	0.56289	-1.77655	0.245114	2.15924	2.15924	0.553454	1.46161	1.46161	0.0752495	0.285338	-3.50462	0.895822	0.920403	-1.08648	0.990195	0.99225	-1.00781	0.567258	0.693421	-1.44213	1.13108	0.706663	0.54328	1
cg15393119	F11R	0.445312	0.641245	0.77	-1.29871	0.383707	1.1935	1.1935	0.45924	0.95368	1.05368	0.836184	1.83474	1.83474	0.181374	0.722828	-1.38354	0.73478	0.947191	-1.05561	0.747532	0.94171	1.06161	0.947191	0.96011	1.03961	0.872283	1.10586	1.10586	1.11308	0.274571	0.24811	1
cg02729978	ZDHHC9;ZDHHC9	0.445325	0.185009	0.276031	-3.62279	0.504653	0.537969	-1.85884	0.944664	0.938199	-1.06587	0.343751	2.44268	2.44268	0.777303	1.29649	1.29649	0.052469	0.132765	-7.5321	0.941901	0.935435	-1.06902	0.693865	1.43656	1.43656	0.413311	0.464935	-2.15084	1.1305	14.7816	11.8047	1
cg00042787	PEMT;PEMT;PEMT	0.445327	0.22481	0.728886	-1.37196	0.8594938	0.956986	-1.04495	0.251879	1.24316	1.24316	0.0656208	0.958353	-1.04357	0.743199	1.08496	1.08496	0.103907	1.55432	1.55432	0.155432	1.56242	1.56242	0.183284	0.704539	-1.41937	0.625242	0.885063	-1.12986	1.13105	1.08451	0.866101	1
cg00359973	RIBC1;RIBC1;RIBC1;RIBC1;SMC1A	0.445328	0.680074	1.46564	-1.1508	0.350776	1.38446	1.38446	0.122182	2.42336	2.42336	0.652028	1.16619	1.16619	0.675859	1.04538	1.04538	0.749699	0.807249	-1.23898	0.14552	0.0744198	3.05455	0.327014	0.525032	1.90262	1.90262	1.17041	0.525032	1.24381	0.417594	1.32408	1.32408	1.11305	2.02262	1.61529	1
cg19233769	ARF1;ARF1;ARF1;ARF1	0.44533	0.872845	0.97788	-1.11373	0.610626	0.707968	-1.41249	0.925126	0.938739	-1.06526	0.8106	0.985873	-1.01523	0.671271	0.750434	-1.33256	0.124526	0.326778	-3.06018	0.201834	0.409377	-2.47539	0.0377199	0.197721	-5.05764	0.345445	0.520226	-1.92224	1.11304	0.797326	0.636754	1
cg04954670	HYAL3;NAT6	0.445331	0.195034	0.6455	-1.54918	0.0966	0.14481	-6.90481	0.254529	0.44128	0.44128	0.4052	0.769775	1.29908	0.0667177	0.769775	1.29908	0.482864	2.07069	-2.14499	0.0482	0.163694	6.10937	0.0164	0.0844827	-11.8393	0.0844827	0.743311	-1.34543	1.11303	1.33882	1.33882	1
cg18663897	NDUFA10	0.445333	0.397784	0.482523	-2.07244	0.381114	0.469485	-2.12999	0.283924	2.55224	2.55224	0.102828	0.428428	4.49147	4.49147	0.192969	3.18872	3.18872	0.313555	0.673367	0.699876	-1.42882	0.352686	2.23657	2.23657	0.681333	1.41557	1.41557	0.708071	1.37246	1.37246	1.11304	1.24882	0.97329	1
cg20720680	INPPL1	0.445334	0.930769	1.02623	1.02623	0.752017	0.909876	-1.09905	0.803265	?	?	?	1.0779	1.0779	0.332563	1.34692	1.34692	0.0328728	0.475402	-2.10348	?	0.743883	0.906941	-1.10261	0.514492	1.21768	1.21768	0.510624	1.21996	1.21996	0.732838	0.902951	-1.10748	1.1303	1.56485	1.24972	1
cg12406825	PTGFRN	0.445339	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.697577	1.27405	0.148078	2.6795	1.0254	1.97618	3.85446	1
cg23208353	PLXNA1	0.445344	0.917903	0.979975	-1.02043	0.892868	1.02679	1.02679	0.844302	1.03933	1.03933	0.171038	0.751293	-1.33104	0.715531	0.930214	-1.07502	0.917598	0.979901	-1.02051	0.0480396	1.55795	1.55795	0.524965	0.881273	-1.13472	0.428645	0.853397	-1.17179	1.1301	0.678508	0.541878	1
cg06802049	TNX8	0.445345	0.071339	1.42642	1.42642	0.0983705	1.19039	0.215496	0.841382	2.62648	2.62648	0.977583	1.07464	1.07464	0.722287	0.672407	-1.48801	0.112726	0.0724027	13.8116	0.0072554	0.0671893	-14.8816	0.0764054	0.0966127	-10.3511	0.0966127	-1.01932	0.236122	1.52036	2.50206	0.112815	1.57801	1.57801	1.1301	0.61692	0.68277	1
cg07737760	SETD6;SETD6	0.445346	0.610214	0.958507	-1.06552	0.952288	0.992641	-1.00741	0.196216	1.18377	1.18377	0.463468	0.911996	-1.0965	0.928962	0.980053	-1.01107	0.13495	0.819603	-1.2201	0.172158	0.835773	-1.1965	0.432016	0.90575	-1.10406	0.355526	1.12448	1.12448	1.1301	0.268622	0.214531	1
cg21878859	PCSK1	0.445347	0.597872	1.67266	1.67266	0.555545	1.46003	0.684513	0.96567	1.03103	1.03103	0.074284	1.55302	1.55302	0.0474268	0.644352	-1.55202	?	?	?	?	?	?	?	?	1.10175	0.634466	1.60093	-1.66407	0.878215	1.17661	1.17661	1.14865	1.87153	0.53868	1
cg00115101	THRAP3	0.445348	0.260747	2.21139	2.21139	0.897459	0.916461	-1.09115	0.485564	1.6152	1.6152	?	?	?	0.177769	0.379469	-2.63526	?	?	?	?	?	?	0.328459	0.505378	-1.97872	0.610747	-1.41527	1.41527	2.70311	2.17407	1.09571	0.17883	0.4447	1
cg12568890	ADCY2	0.445351	0.762519	0.912636	-1.09573	0.451178	0.793286	-1.26058	0.802703	0.927264	-1.07844	0.567925	0.840192	-1.1902	0.817172	0.652055	-1.53361	0.773659	1.09088	1.09088	0.063613	1.84941	1.84941	0.402824	1.29467	1.29467	0.519431	1.21774	1.21774	1.113	1.60397	1.281	1
cg00418984	MYADM	0.445351	0.21811	0.70995	-1.40885	0.529553	0.184838	-5.40916	0.216316	1.31946	1.31946	0.618314	0.860005	-1.16268	0.497655	0.580972	-1.72165	0.263209	2.90321	2.90321	0.109444	2.0209	0.49854	0.0407337	0.0439377	-24.5139	0.0407337	1.92151	1.45103	0.482002	1.92151	1.45103	1.11299	1.73289	1
cg01430904	LOC400752	0.445354	0.734687	1.26898	1.26898	0.630735	1.4038	1.4038	0.112263	3.35661	3.35661	0.198504	0.385698	-2.5927	0.226374	2.43411	2.43411	0.251258	2.31512	2.31512	0.475863	1.66152	1.66152	0.487209

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1257 vs. N)	Fold-Change(1257 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1527 vs. N)	Fold-Change(1527 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg05445090	LAT2	0.445847	0.303623	1.48323	1.48323	1.107816	0.520176	-1.92243	0.182801	0.590639	-1.60308	0.4364	1.34411	1.34411	0.84208	1.07713	1.07713	0.433562	1.34668	1.34668	0.372005	1.40595	1.40595	0.782878	1.10837	1.10837	0.80172	0.910536	1.09825	1.11201	2.4431	1.95306	1
cg06218627	LOC402377;FBXW2	0.445485	0.786325	0.923029	-1.08339	0.527254	0.82794	-1.20782	0.342356	0.749484	-1.33425	0.0396381	0.495923	-2.01644	0.97685	0.991483	1.00859	0.552768	1.19365	1.19365	0.525781	0.827368	-1.20865	0.168406	0.648795	-1.54132	0.748733	1.09936	1.09936	1.112	1.53022	1.2232	1
cg26937423	TCEAL2	0.44585	0.347229	0.237466	-4.21112	0.800314	0.686266	-1.45716	0.95476	0.108792	1.08792	0.096272	15.0721	15.0721	0.218696	6.83244	6.83244	0.283977	0.191397	-5.22474	0.711793	1.73537	1.73537	0.636615	0.493169	-2.0277	0.370132	0.254838	-3.92406	1.112	38.8603	31.0633	1
cg08309098	FBLN2;FBLN2;FBLN2	0.445853	0.97635	0.978029	-1.02152	0.791883	1.21121	1.21121	0.537421	1.57214	1.57214	0.193492	0.380852	-3.20326	-2.70884	0.047162	0.192891	-5.18426	0.200254	0.375208	-2.66519	0.957172	0.961838	-1.03968	0.983723	0.985328	-1.01488	0.515739	0.620354	-1.61398	1.112	9.24473	7.38989	1
cg20152731	GME1;GME1	0.445857	0.756129	0.896271	-1.11573	0.315581	1.44019	1.44019	0.325318	1.42908	1.42908	0.893138	1.04838	1.04838	0.477242	1.48741	1.48741	1.48741	0.206325	1.59772	1.59772	0.262768	0.66337	-1.50745	0.305748	0.688813	-1.45177	0.388392	0.732893	-1.36446	1.11999	2.17632	1.73968	1
ch.14.9553258	ACTN1;ACTN1;ACTN1	0.445864	0.207178	0.773959	-1.29206	0.13143	0.730738	-1.36848	0.08280917	0.606811	-1.44757	0.436843	0.858307	-1.16508	0.124519	0.725881	-1.37763	0.787293	0.949236	-1.05348	0.784101	0.948472	-1.05433	0.881756	0.841303	-1.18863	0.812821	1.04675	1.04675	1.198	0.653494	0.522388	1
cg02800810	ADAMTS5	0.445877	0.209396	0.521466	-1.91767	0.07835504	0.38198	-2.61794	0.389804	0.648109	-1.54295	0.556335	0.746152	-1.34021	0.180948	0.497059	-2.01183	0.411866	0.661706	-1.51124	0.0710652	0.370697	-2.69762	0.644041	0.795341	-1.25732	0.75383	0.85657	-1.16745	1.11495	4.26532	3.40968	1
cg07255644	THBD	0.445884	0.161828	1.99917	1.99917	0.943313	1.02455	1.02455	0.882045	1.88644	1.88644	0.959251	0.975207	-1.02542	0.663496	1.15511	1.15511	1.15511	0.66769	0.867396	-1.15288	0.893326	1.0451	1.0451	0.310893	1.53279	1.53279	0.560816	1.21387	1.21387	1.11193	1.91058	1.53793	1
cg21275487	GDNF;GDNF;GDNF	0.445888	0.316039	1.75946	1.75946	0.56779	1.3699	1.3699	0.640233	2.50248	2.50248	0.914984	1.56773	1.56973	0.139145	2.58122	2.58122	0.114987	2.54503	2.54503	0.0566946	3.23547	3.23547	0.256823	1.90611	1.90611	0.529735	1.41479	1.41479	1.11193	5.23162	4.18222	1
cg14266859	JAG2;JAG2	0.445893	0.409471	0.779474	-1.28292	0.765499	0.915448	-1.09236	0.383808	1.30179	1.30179	0.520193	1.21229	1.21229	0.0632806	5.539642	-1.85308	0.197171	1.49579	1.49579	0.688447	0.887772	-1.12642	0.737785	0.905531	-1.10432	0.880111	0.956404	-1.04558	1.11192	1.53606	1.22795	1
cg57679621	SLC5A7	0.445914	0.980276	0.987	-1.01357	0.943313	1.04255	1.04255	0.882045	1.88644	1.88644	0.959251	0.931007	-1.07411	0.485296	1.89102	1.89102	1.89102	0.613235	1.63086	1.63086	0.123058	0.448661	2.22933	0.0224451	4.46861	2.22933	0.448661	2.18127	1.11193	8.65355	0.2663	2.83123	2.81811	1.11188	14.2167	11.3655	1
cg17291423	PTPRN2;PTPRN2;PTPRN2	0.445925	0.225018	0.465355	-2.1489	0.651231	0.314612	1.31412	0.514225	0.671122	-1.49004	0.855177	0.648725	-1.54128	0.0448385	0.394841	-2.53266	0.272423	1.90014	1.90014	0.610586	0.734706	-1.36109	0.218929	0.217305	0.140636	0.3862	-2.58933	1.11185	6.34513	5.07271	1
cg20495291	VWA5B2	0.445937	0.1027	0.729868	-1.37011	0.415427	0.863465	-1.15812	0.276642	0.839035	1.32095	0.112468	0.757315	-1.35627	0.224725	0.798598	-1.25219	0.329212	0.859907	-1.1631	0.270166	0.916694	-1.23445	0.129812	0.74911	-1.33456	0.282892	0.834948	1.2122	1.11183	0.547929	0.43786	1
cg21268984	RERE;RERE	0.445941	0.18409	0.496124	-2.01562	0.283209	1.85687	1.85687	0.0159	2.125989	2.125989	2.27865	2.27865	0.534173	0.751112	-1.36779	0.49391	0.707804	-1.41282	0.689422	1.2212	1.2212	0.807844	1.33886	1.33886	0.280519	1.74719	1.74719	0.735707	1.18356	1.18356	1.1182	4.35746	3.48374	1
cg19511664	PPP2R3A	0.445942	0.884662	1.01675	1.01675	0.300786	1.14969	1.14969	0.764448	1.13402	1.13402	1.18635	1.18635	0.455029	1.50406	1.10406	1.10406	1.10406	0.745325	1.04331	1.04331	0.264779	0.856955	0.929514	0.92047	-1.0864	0.146447	1.22483	1.22483	1.11182	0.298062	0.238298	1
cg07282201	TBC1D3C	0.445947	0.251638	0.457776	-2.09742	0.305954	0.915084	-1.10247	0.60887	0.576329	-1.73598	0.680843	0.726329	-1.37698	0.680843	0.726329	-1.37698	0.676844	0.88801	-1.12609	0.24004	0.766884	0.83204	-1.20185	0.174557	2.44286	0.90611	0.515512	-1.94133	0.63874	0.754	0.58493	1
cg17940251	AVPR1B	0.445956	0.537082	0.759532	-1.3166	0.28597	1.62852	1.62852	0.992629	1.00407	1.00407	0.354358	1.52095	1.52095	0.426597	1.4294	1.4294	1.4294	0.975307	0.986471	-1.01371	0.319503	1.5726	1.5726	0.0765689	0.420242	-2.37958	0.460314	1.3921	1.3921	1.11179	3.4203	2.72657	1
cg21737841	VASH2;VASH2;VASH2	0.445957	0.15898	0.313068	-3.1942	0.650109	1.04046	1.04046	0.643106	1.43129	1.43129	0.69134	0.755011	-1.36019	0.121218	0.273553	-3.65559	0.375287	0.495593	-2.01778	0.0703111	0.20098	-4.76235	0.888173	1.11465	1.11465	0.555049	0.630933	-1.58495	1.11179	10.4705	8.37852	1
cg16579351	BRF1;BRF1	0.445966	0.153766	0.645141	-1.83103	0.619791	1.21909	1.21909	0.249063	1.68995	1.68995	0.847192	1.07941	1.07941	0.576409	1.01264	1.01264	1.01264	0.282292	1.55666	1.55666	0.100503	0.21859	-4.57457	0.0203818	0.20189	-4.95121	0.904571	0.904571	1.11018	1.11177	2.76244	2.20863	1
cg05162256	USP46;USP46	0.44597	0.798805	1.03222	1.03222	0.0951098	0.796358	-1.25572	0.122007	0.812116	-1.23135	0.358341	1.12441	1.12443	0.816721	1.02924	1.02924	1.02924	0.69109	0.951617	-1.05084	0.328278	1.13347	1.13347	0.89915	0.98438	-1.01587	0.68969	1.05109	1.05109	1.11176	0.271447	0.21703	1
cg20884690	MC2L;MC2L	0.445979	0.657139	1.0851	1.0851	0.0555169	0.90404	1.00406	0.124403	2.3308	2.3308	0.73458	1.38403	1.38403	0.74788	1.3374	1.3374	1.3374	0.745776	1.8475	1.17994	0.6102	1.29889	1.29889	0.630572	0.98558	-1.27295	0.771208	0.862101	-1.15996	0.34178	0.54222	1
cg22996718	MYO18B;MYO18B	0.445983	0.527888	0.8377	-1.19374	0.626585	0.873042	-1.14542	0.935981	1.02249	1.02249	0.660129	0.884675	-1.13036	0.0950184	0.601698	-1.66196	0.641931	0.878383	-1.13846	0.0795956	1.7139	1.7139	0.659224	1.13076	1.13076	0.746374	1.09402	1.09402	1.11174	1.35009	1.07947	1
cg20491181	FKBP3;FANCM	0.445984	0.315368	0.787114	-1.26972	0.657124	0.912022	-1.09644	0.502388	1.0079	1.0079	0.602266	0.897288	-1.11448	0.456856	0.853391	-1.1606	0.868839	1.0352	1.0352	0.127307	0.828148	-1.20751	0.503838	1.14931	1.14931	0.0494037	1.58767	1.58767	1.11174	0.784184	0.592111	1
ch.19.5858057	GANAB;GANAB;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.445998	0.0932318	2.10131	2.10131	0.968497	1.01601	1.01601	0.875366	0.93883	-1.06516	0.841224	1.084	1.084	0.46477	0.741416	1.34877	0.622457	0.819076	-1.22089	0.148646	1.86446	1.86446	0.223711	0.59806	-1.67207	0.68475	0.84862	-1.17838	1.11171	2.84741	2.27671	1
cg18262260	14;ZC3H14	0.446001	0.0770107	0.747438	-1.3379	0.12248	1.28118	1.28118	0.614808	1.07801	1.07801	0.905986	1.00922	1.00922	0.677876	1.02306	1.02306	1.02306	0.775227	0.958501	-1.0433	0.263813	0.841604	-1.18821	0.758125	0.959677	-1.04202	0.81673	1.03497	1.03497	1.1117	0.385903	0.308558	1
cg06441946	RBM27	0.446003	0.948436	0.99151	-1.00856	0.248203	0.852816	-1.17259	0.297329	1.15309	1.15309	0.887576	1.01882	1.01882	0.117838	1.25095	1.25095	1.25095	0.347738	1.13594	1.13594	0.34152	1.13794	1.13794	0.59704	0.932078	-1.07287	0.20064	1.19507	1.19507	1.1117	0.306033	0.244697	1
cg04443245	GDNF;GDNF;GDNF	0.446006	0.153709	0.915935	-1.10761	0.172737	1.340665	1.34066	0.355444	0.688703	1.45183	0.468868	0.582645	-1.71603	0.479067	0.582645	-1.71603	0.479067	0.488207	0.58948	-1.6965	0.0144053	0.251829	3.97094	0.383015	0.59735	-1.67422	0.0297173	0.0771132	0.0771132	0.950205	0.73949	1
cg00932104	NBL1;NBL1	0.446006	0.818415	0.09123	10.9123	0.45366	0.748416	-1.33616	0.0795703	0.477709	-2.09332	0.30116	0.665831	-1.50188	0.853243	0.932193	1.07274	0.687894	0.857861	-1.16569	0.167997	0.579955	-1.72427	0.0955684	0.499018	-2.00394	0.262635	0.641844	1.55801	1.11169	2.53776	2.02915	1
cg23049234	KCNQ1;KCNQ1	0.446013	0.797127	0.866198	-1.15447	0.239451	0.987511	1.98751	0.22519	2.03456	2.03456	0.636777	0.767033	-1.30373	0.0513396	0.290221	-3.44566	0.903646	1.06986	1.06986	0.832361	1.12546	1.12546	0.88593	0.923081	-1.08333	0.876146	1.09086	1.09086	1.11168	5.47413	4.33708	1
cg00539790	FNBP1L;FNBP1L;FNBP1L	0.446027	0.706186	1.07732	1.07732	0.361678	1.24066	1.24066	0.418248	1.24066	1.24066	0.418356	0.807709	-1.14838	0.609106	0.893301	-1.1209	0.246702	1.08065	1.08065	0.593573	0.812101	1.1209	1.1209	0.176527	1.16102	1.16102	1.14119	1.16514	1.16514	0.680808	0.544462	1
cg18321827	EIF2C2;EIF2C2	0.44603	0.302552	1.83098	1.83098	0.0373969	0.927435	1.92745	0.504682	1.46727	1.46727	0.258886	1.8733	1.8733	0.68549	0.989753	-1.01035	0.847874	1.1149	1.1149	0.971912	0.980257	-1.02014	0.141374	2.44907	2.44907	0.442641	1.5579	1.5579	1.11164	5.64702	4.51545	1
cg24605329	NBEA1;1	0.446032	0.482932	1.49153	1.49153	0.783448	1.08	1.08	0	1.08	1.08	0	1.08	1.08	0	1.08	1.08	0.783339	1.1729	1.1729	0.0810999	1.08	1.08	0	1.08	1.08	0	1.08	1.08	1.11164	1.08	1.08	0	1
cg19303898	METTL11B	0.446035	0.350404	0.636706	-1.57058	0.6632681	0.374897	-2.6674	0.962828	0.978348	-1.02213	0.783115	1.13823	1.13823	0.307792	0.609058	1.64188	0.812341	1.11819	1.11819	0.158721	0.492835	-2.02908	0.162675	0.496568	-2.01382	0.812093	0.894171	-1.11835	1.11163	1.88402	1.30575	1
cg20411049	RSF1	0.446038	0.584808	0.906151	-1.10357	0.163059	0.764488	-1.30465	0.101017	1.37962	1.37962	0.674038	0.927223	-1.07849	0.666291	0.80058	1.08058	0.601933	1.09856	1.09856	0.501242	1.12967	1.12967	0.407182	1.16351	1.16351	0.263143	1.23167	1.23167	1.11163	0.561686	0.44914	1
cg20485809	TCEAL3;TCEAL3;TCEAL3	0.446041	0.227204	0.737403	-1.35617	0.437402	1.1317	1.1317	0.448865	0.894049	-1.11869	0.276544	0.893035	-1.12005	0.615648	0.85307	-1.17211	0.814651	1.18303	1.18303	0.0768834	0.552035	1.81096	1.81096	0.0425146	1.96606	1.96606	0.757791	1.45792	1.45792	0.413794	2.6466	2.11937	1
cg07952905	PHF12;PHF12	0.446048	0.640182	0.768521	-1.3012	0.0853442	2.89705	-2.89705	0.845369	1.11538	1.11538	0.720108	1.22289	1.22289	0.198782	2.13704	2.13704	2.13704	0.201589	2.12585	2.12585	0.373323	0.599834	-1.66713	0.288815	1.85113	1.85113	0.505751	1.45881	1.45881	1.11161	5.50624	4.40302	1
cg04609495	ZBTB16;ZBTB16	0.446049	0.0995256	1.88992	1.88992	0.742062	0.802186	-1.23413	0.0699504	0.478842	-2.08402	0.864773	0.932919	-1.0719	0.0819138	1.20777	1.20777	1.20777	0.260207	1.67615	-1.16152	0.0941411	0.115589	2.21555	0.0197673	2.91161	2.91161	0.829265	1.03767	1.03767	1.11161	0.963695	0.770387	1
cg25960893	SOX20T	0.446049	0.977615	1.02572	1.02572	0.355571	0.423111	-2.36344	0.080834	0.17338	-5.76767	0.54616	1.73814	1.73814	0.89832	0.88159	-1.14331	0.626986	1.55777	1.55777	0.770408	1.30326	1.30326	0.429984	1.49555	1.49555	0.556177	1.71388	1.71388	1.11161	1.42423	11.5327	1
cg24059197	LYRM2;LYRM2;LYRM2;LYRM2	0.446053	0.133974	0.493642	-2.02576	0.927078	0.960805	-1.04079	0.848449	1.08716	1.08716	0.046	2.71524	2.71524	0.686832	1.19367	1.19367	1.19367	0.746188	1.15241	1.15241	0.47559	1.37284	1.37284	0.934388	1.01662	1.01662	0.873268	0.93265	-1.07221	1.1116	3.35891	2.68595	1
cg04843111	BCAN;BCAN	0.446058	0.473434	1.27299	1.27299	0.762186	0.913405	1.09125	0.647752	2.6405	2.6405	0.847752	2.6405	2.6405	0.847752	2.6405	2.6405	2.6405	0.260207	1.67615	-1.16152	0.0941411	0.115589	2.21555	0.0197673	2.91161	2.91161	0.829265	1.03767	1.03767	1.11161	0.963695	0.770387	1
cg25960893	SOX20T	0.446059	0.977615	1.02572	1.02572	0.355571	0.423111	-2.36344	0.080834	0.17338	-5.76767	0.54616	1.73814	1.73814	0.89832	0.88159	-1.14331	0.626986	1.55777	1.55777	0.770408	1.30326	1.30326	0.429984	1.49555	1.49555	0.556177	1.71388	1.71388	1.11161	1.42423	11.5327	1
cg24059197	LYRM2;LYRM2;LYRM2;LYRM2	0.446053	0.133974	0.493642	-2.02576	0.927078	0.960805	-1.04079	0.848449	1.08716	1.08716	0.046	2.71524	2.71524	0.686832	1.19367	1.19367	1.19367	0.746188	1.15241	1.15241	0.47559	1.37284	1.37284	0.934388	1.01662	1.01662	0.873268	0.93265	-1.07221	1.1116	3.35891	2.68595	1
cg08443111	BCAN;BCAN	0.446058	0.473434	1.27299	1.27299	0.762186	0.913405	1.09125	0.647752	2.6405	2.6405	0.847752	2.6405	2.6405	0.847752	2.6405	2.6405	2.6405	0.260207	1.67615	-1.16152	0.0941411	0.115589	2.21555	0.0197673	2.91161	2.91161	0.829265	1.03767	1.03767	1.11161	0.963695	0.770387	1
cg03514145	ARID1B;ARID1B;ARID1B	0.446061	0.238988	0.55658	-1.79669	0.0733034	0.387161	-2.58291	0.72831	0.847302	-1.18021	0.609402	0.778683	-1.28423	0.077283	0.393281	-2.54271	0.22219	0.543579	-1.83966	0.255932	0.560224	-1.75678	0.440072	0.68789	-1.45372	0.866198	0.923091	1.08342	1.11158	1.37453	1.37828	1
cg04074766	ZNHIT2;ZNHIT2;PLOD3	0.446069	0.599275	1.18473	1.18473	0.711142	0.71345	-1.40164	0.80142	1.12704	1.12704	0.266852	0.349919	2.85758	0.0385124	0.300594	-4.98518	0.265265	2.6283	2.6283	0.38018	0.3047	-3.28114	0.115417	0.380496	2.62454	0.874582	1.02244	1.02244	1.11161	0.45051	0.37995	1
cg23574098	STS;STS;STS	0.446071	0.585283	1.2867	1.2867	0.162577	1.97787	1.97787	0.590689	0.780057	-1.28196	0.30752	0.6566	-1.523	0.482841	1.3858	1.3858	1.3858	0.34764	1.55641	1.55641	0.377718	1.51295	1.51295	0.454766	1.41668	1.41668	0.158376	0.501662	-1.99337	1.11156	3.68438	2.96431	1
cg01233638	SUGT1;SUGT1	0.446073	0.256084	1.32967	1.32967	0.152915	0.979045	1.02132	-1.42162	0.220605	0.487752	2.6405	1.32763	1.32763	0.289147	1.28772	1.28772	1.28772	0.779314	1.66025	1.66025	0.146	0.779314	1.66025	1.66025	0.146	0.779314	1.66025	1.66025	0.146

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N) vs. N)	Ratio(105T N)	p-value|1057 vs. N)	Fold-Change(1-vs-111T 057 vs. N) vs. N)	Ratio(111T N)	p-value|1127 vs. N)	Fold-Change(1-vs-112T 127 vs. N) vs. N)	Ratio(112T N)	p-value|1217 vs. N)	Fold-Change(1-vs-121T 217 vs. N) vs. N)	Ratio(121T N)	p-value|1437 vs. N)	Fold-Change(1-vs-143T 437 vs. N) vs. N)	Ratio(143T N)	p-value|1537 vs. N)	Fold-Change(1-vs-153T 537 vs. N) vs. N)	Ratio(153T N)	p-value|5377 vs. N)	Fold-Change(1-vs-537T 377 vs. N) vs. N)	Ratio(537T N)	p-value|5637 vs. N)	Fold-Change(1-vs-563T 637 vs. N) vs. N)	Ratio(563T N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg15033973	MIR2114		0.446409	1.35241	1.35241	0.252527	0.628192	-1.59187	0.562532	0.796329	-1.25576	0.232124	0.614191	-1.62816	0.259038	0.632511	-1.581		0.129197	1.89218	1.89218	0.577326	0.803328	-1.24482	0.674706	0.733422	-1.36347	0.938304	1.03857	-1.03857	1.11054	2.66123	2.13008	1
cg16539321	MYOD1;MYOD1		0.446584	0.744665	1.07481	1.07481	0.666716	1.10037	1.10037	1.419417	1.45213	1.452684	0.986986	-1.01319	0.903688	1.02708	1.02708		0.990032	1.00276	1.00276	0.155428	0.754928	-1.39874	0.458443	1.18136	1.18136	1.107381	1.47393	1.47393	1.11054	0.857108	0.68604	1
cg27238358	MAD1L1;MAD1L1;MAD1L1		0.446596	0.626405	0.724559	-1.38015	0.384744	1.79551	1.79551	0.108658	3.15574	3.15574	0.572308	0.687468	-1.45461	0.101652	0.308226	-3.24437		0.710532	1.27742	1.27742	0.580581	1.44272	1.44272	0.57518	0.689434	-1.45046	0.830738	0.868848	-1.15095	1.11052	7.58643	6.0724	1
cg30948389	TMC7;TMC7		0.446617	0.190922	1.41211	1.41211	0.415024	1.23076	1.23076	0.288908	0.760076	-1.31566	0.975192	1.00778	1.00778	0.647589	1.67685	1.67685		0.780702	0.932896	-1.07251	0.551618	0.860636	-1.16193	0.68586	1.10664	1.10664	0.569792	1.15389	1.15389	1.11051	1.0992	0.874232	1
cg19722888	DHX37		0.446603	0.258312	0.776458	-1.2879	0.345298	1.23183	1.23183	0.282394	0.786931	-1.27076	0.760144	0.76789	1.07689	0.805164	1.05442	1.05442		0.924347	1.02058	1.02058	0.060702	1.49133	1.49133	0.292003	0.795315	-1.26372	0.839183	0.957348	-1.04455	1.1025	0.809301	0.647796	1
cg00481600	CLIP;CLIP		0.446661	0.154947	0.434128	-2.30347	0.069452	0.328326	-3.04576	0.800289	0.870266	-1.14907	0.310666	0.562685	-1.77719	0.729074	1.82644	-1.20998		0.417746	0.635110	-1.57451	0.10067	0.373179	-2.67958	0.218258	0.491686	-2.03182	0.701765	0.809839	-1.23481	1.10349	5.2851	4.23046	1
cg22238717	VRK3;ZNF473;ZNF473;VRK3		0.446613	0.966961	0.995202	-1.00482	0.596304	0.939814	-1.06404	0.934146	1.00964	1.00964	0.504251	1.08186	1.08186	0.280367	1.13916	1.13916		0.962052	0.994491	-1.00554	0.668906	1.01122	1.01122	0.224004	1.15988	1.15988	0.0323149	1.33779	1.33779	1.11048	0.237105	0.189791	1
cg06919142	CCSCBB		0.446617	0.813441	1.32097	1.20297	0.429099	0.568318	-1.75958	0.162129	0.511394	-1.21147	0.879118	1.12651	1.12651	0.202345	0.949183	2.86382		0.596845	1.5178	1.5178	0.991933	0.290378	2.35078	0.755133	1.30398	1.30398	0.130994	0.279473	-1.57817	1.11047	10.7461	8.6018	1
cg05983540	DNPEP		0.446631	0.643079	0.866447	-1.15434	0.107982	0.584575	-1.71387	0.80987	1.04307	1.04307	0.31012	0.724238	-1.38076	0.464899	0.797818	-1.25342		0.898877	0.961697	-1.03983	0.097813	1.3471	1.3471	0.654086	0.870615	-1.14861	0.438107	0.784297	-1.27503	1.11045	1.65967	1.32853	1
cg18624866	SMS		0.446653	0.386375	0.511224	-1.95609	0.600444	1.39659	1.39659	0.376771	1.98442	1.98442	0.055638	5.14843	5.14843	0.834367	0.853666	-1.17142		0.221624	0.378817	-2.6398	0.708206	0.752703	-1.32855	0.801659	0.826803	-1.20948	0.785358	1.22909	1.22909	1.1104	10.0407	8.03771	1
cg19811446	CANT1;CANT1;CANT1		0.446667	0.526643	1.16309	0.966152	0.966152	1.01004	1.01004	0.195924	1.37998	1.37998	0.340567	1.01772	1.01772	0.347054	0.796105	-1.25612		0.100517	1.65463	-1.52758	0.467593	0.840241	-1.19031	0.648414	1.12553	1.12553	0.293065	1.29287	1.29287	1.11037	0.975317	0.780772	1
cg20895669	ACP1;ACP1		0.446674	0.801166	0.842004	-1.18764	0.678275	1.32881	1.32881	0.320872	2.01166	2.01166	0.810146	1.17824	1.17824	0.270156	0.253031	-3.95209		0.558435	0.668119	-1.49674	0.163973	0.368341	-2.71487	0.542348	1.52241	1.52241	0.450702	0.592303	-1.68833	1.11036	8.16723	6.53821	1
cg14692453	ANKRD23		0.446688	0.514722	0.643815	-1.55322	0.060165	4.74261	4.74261	0.210825	1.84932	1.84932	0.60753	0.688517	-1.45161	0.97976	1.01773	1.01773		0.19703	0.548495	-1.82317	0.967519	0.972192	-1.0286	0.815585	0.850605	-1.17563	0.649816	0.728646	-1.37241	1.11035	8.43515	6.75392	1
cg03312382	TFAP2E		0.446693	0.838658	0.950022	-1.0471	0.975055	0.992967	-1.00708	0.335618	0.795238	-1.25749	0.602034	0.972585	-1.02819	0.294157	0.78222	-1.27841		0.087609	1.653512	-1.53019	0.219025	1.32095	1.32095	0.43052	0.833908	-1.19917	0.17816	0.724006	-1.38134	1.11034	0.896079	0.71736	1
cg14780914	C20orf12;POU3F3;C20orf12		0.446684	0.267447	0.864543	-1.15668	0.957039	0.993736	-1.00681	0.899852	1.01599	1.01599	0.714618	1.04736	1.04736	0.577404	1.07349	1.07349		0.615332	0.938162	-1.06591	0.704156	0.953071	-1.04924	0.85848	1.3091	1.3091	0.180316	1.19633	1.19633	1.11034	0.279152	0.223477	1
cg20404469	MYOD1		0.446694	0.960936	0.972325	-1.02803	0.679712	0.947214	-1.05571	0.185077	1.3167	1.3167	0.885734	0.95654	-1.04564	0.351086	1.34516	1.34516		0.233121	0.679592	-1.47147	0.078347	0.564656	-1.82063	0.979501	0.954211	-1.04799	0.521855	0.818266	1.2221	1.11032	1.87656	1.3438	1
cg01285349	FBXL17		0.446714	0.371903	1.85184	1.85184	0.155598	2.77663	2.77663	0.796719	0.840717	-1.18946	0.288232	2.09781	2.09781	0.121917	0.324044	-3.086		0.911818	0.928246	-1.0773	0.22407	2.35948	2.35948	0.94235	1.04981	1.04981	0.984031	0.986638	-1.01354	1.11028	7.94366	6.35968	1
cg07624483	GRIN2A;GRIN2A;GRIN2A		0.446717	0.80225	1.37602	1.17502	0.316523	1.59104	1.59104	0.543242	0.436275	0.436275	-2.29919	?	?	?	0.142975	0.130853	-7.64213		0.979663	1.02047	1.02047	?	?	?	?	?	?	1.18649	12.8559	8.66824	1
cg00732166	RBM47		0.446721	0.963928	1.02951	1.02951	0.725867	0.425819	-2.34841	0.171259	0.336959	-2.96772	0.61653	1.45795	1.45795	0.235579	0.137783	2.64669		0.422495	0.542363	-1.84378	0.91891	0.362869	-2.75582	0.0772249	0.230607	-4.33639	0.645599	0.72198	-1.38508	1.11027	9.80553	7.8504	1
cg18917853	TMEM59L		0.446726	0.428806	0.857431	-1.16628	0.918551	0.980734	-1.01964	0.220606	1.27791	1.27791	0.731654	1.06775	1.06775	0.917232	1.01999	1.01999		0.465944	1.15176	1.15176	0.865265	1.01287	1.01287	0.0597584	0.667295	-1.49859	0.350373	1.20086	1.20086	1.11026	0.637624	0.510492	1
cg16384862	CWC15;SDM40		0.446736	0.237586	1.61369	1.61369	0.338351	1.66586	1.66586	0.241056	1.40594	1.40594	0.710955	1.16599	1.16599	0.84049	1.08106	1.08106	0.925138	0.590535	1.69355	1.69355	0.0204499	2.1338		0.887586	2.07373	2.07373	0.42369	0.729034	-1.37168	0.488889	0.75901	-1.31249	0.752515	0.884839	-1.13015	1.1026	2.63042	2.10596	1
cg24758027	PKIB;PKIB;SERINC1		0.446673	0.180357	1.39712	1.39712	0.538545	0.86383	-1.15763	0.133666	1.45299	1.45299	0.64089	0.864578	-1.15663	0.615782	1.12631	1.12631		0.538135	1.15781	1.15781	0.335666	1.26286	1.26286	0.430092	1.20844	1.20844	0.102955	1.52098	1.52098	1.11025	0.167612	0.777934	1
cg10190015	ATG2B		0.446746	0.980042	0.987547	-1.01254	0.822537	1.03903	1.03903	0.884893	0.933238	-1.07154	0.425856	1.46547	1.46547	0.115229	0.449287	-2.22587		0.203687	1.95216	1.95216	0.0187347	0.499751	-2.00127	0.513509	0.930021	1.07527	0.563861	1.07477	-1.18646	0.549189	0.827426	-1.20857	1.1022	1.7184	0.37538	0.34997	1
cg08993262	KSR2		0.446756	0.919249	1.02294	1.02294	0.44446	0.840003	-1.19047	0.129214	1.4429	1.4429	0.548297	1.14552	1.14552	0.603909	0.889539	1.12418		0.527162	1.15407	1.15407	0.371065	0.81431	-1.22803	0.108663	1.47896	1.47896	0.372561	1.2272	1.2272	1.1102	0.879486	0.704168	1
cg22849858	GRSF1;GRSF1		0.446764	0.741447	1.15585	1.15585	0.183359	0.854493	1.85433	0.888377	1.06336	1.06336	0.237473	1.64629	1.64629	0.120942	0.492055	-2.03229		0.353328	1.51855	1.51855	0.393472	1.46576	1.46576	0.183928	1.85267	1.85267	0.822104	1.10353	1.10353	1.11018	3.36456	2.6939	1
cg02330706	RECQL5;LOC643008		0.446774	0.88842	0.919958	1.08852	0.855253	1.11846	1.11846	0.744966	1.16744	1.16744	0.218719	1.17796	1.17796	0.803978	1.25822	0.822188	0.216116	0.206103	0.814234	-1.22806	0.104196	0.660588	0.731759	0.551476	-1.81332	0.486488	1.5303	1.11016	3.66594	5.07711	1
cg27546940	ZNF4;ZNF4;ZNF419		0.44678	0.532739	0.90493	-1.10506	0.676653	0.935843	-1.06856	0.984076	1.00316	1.00316	0.204275	1.23591	1.23591	0.303495	1.18353	1.18353		0.176621	1.25496	-1.25496	0.580096	1.09237	1.09237	0.947885	0.989718	-1.01039	0.12761	0.770697	-1.29753	1.10115	0.439492	0.351899	1
cg20157572	DCUN1D2		0.446781	0.361437	1.19051	1.19051	0.985593	1.03036	1.03036	0.410895	0.8553	-1.16918	0.698081	0.930105	-1.07515	0.930495	0.977707	-1.0228		0.561363	0.896585	-1.11534	0.081493	1.30455	1.30455	0.806056	0.822133	-1.21635	0.226662	0.78973	-1.26626	1.10115	0.607482	0.486408	1
cg09585067	HLX		0.446786	0.298656	0.900029	-1.11108	0.861875	1.01717	1.01717	0.940434	1.00733	1.00733	0.703579	1.03808	1.03808	0.148855	0.859525	-1.16343		0.328195	0.906035	-1.10371	0.132755	1.17186	1.17186	1.38676	1.09062	1.09062	0.605725	1.05223	1.05223	1.11014	0.1698081	0.134583	1
cg19586645	MIF4GD		0.446795	0.239013	1.2113	1.2113	0.12698	2.3068	2.3068	0.105056	1.3184	1.3184	0.99544	1.00089	1.00089	0.997214	1.22017	1.22017		0.118745	1.30115	1.30115	0.312491	1.17613	1.17613	0.390174	1.14665	1.14665	0.0916164	1.33195	1.33195	1.11014	0.242481	0.194204	1
cg01497426	PTGFRN		0.446792	0.354365	0.765896	-1.30566	0.1748	0.667657	-1.49778	0.270466	0.725299	-1.37874	0.541788	1.18872	1.18872	0.923496	0.973472	-1.02725		0.072057	0.570062	-1.75419	0.820224	0.932726	-1.06579	0.618551	1.15085	1.15085	0.262782	0.721221	-1.38654	1.11012	1.37756	1.10303	1
cg23075139	LSAMP		0.446807	0.458207	1.19383	1.19383	0.0973405	2.19405	2.19405	0.0617806	0.851987	-1.17373	0.634753	0.887719	-1.12648	0.488413	0.657479	-1.52078		0.149411	0.884813	-1.13029	0.0959885	1.13055	1.13055	0.0907814	1.37556	1.37556	0.0678144	1.49505	1.49505	1.11012	1.37756	1.10303	1
cg07961400	FBXL8;TRADD		0.446799	0.811671	0.783445	-1.27641	0.467041	0.14029	0.14029	0.197606	0.13675	0.13675	0.0919592	0.140307	-7.13721	0.865538	1.18913	1.18913		0.882385	0.859589	-1.16335	0.171303	0.5844	0.5844	0.916781	0.11272	0.11272	0.843006	1.2247	1.2247	1.15349	18.1641	10.4981	1
cg05432305	POCD6P;POCD6P;POCD6P		0.446803	0.852583	1.03241	1.03249	0.133654	1.32057	1.32057	0.0340494	1.52992	1.52992	0.937315	1.0058	1.0058	0.911884	1.01933	1.01933		0.92783	1.01569	1.01569	0.544233	0.898874	-1.11127	0.718927	1.06409	1.06409	0.821641	0.961933	-1.03957	1.1101	0.519439	0.415929	1
cg15254860	GOLIM4		0.446805	0.76479	0.916942	1.09026	0.527435	0.927303	1.07833	0.888493	0.933238	-1.07154	0.425856	1.46547	1.46547	0.115229	0.449287	-2.22587		0.203687	1.95216	1.95216	0.0187347	0.499751	-2.00127	0.513509	0.930021	1.07527	0.563861	1.07477	-1.18646	0.549189	0.827426	-1.20857	1.1022	1.7184	0.37538	0.34997	1
cg25059899	BCL2		0.446805	0.627851	1.20857	1.20857	0.818076	0.914524	-1.09347	0.2691	0.639965	-1.56258	0.277644	0.645435	-1.54934	0.819422	1.09273	1.09273		0.79266	1.10756	1.10756	0.131772	1.87929	1.87929	0.266433	1.56681	1.56681	0.249704	1.62718	-1.59444	1.1101	2.64412	2.11723	1
cg01162610	DIP2C		0.446809	0.696328	1.31093	1.08008	0.667773	1.6383	1.6383	0.477301	0.835578	-1.19678	0.801198	1.07098	1.07098	0.875911	1.08798	1.08798		0.487868	1.18861	1.18861	0.166004	1.44428	1.44428	0.694599	1.16368	1.16368	0.0759731	1.25978	1.25978	0.577118	1.1506	1.10639	0.848389	1.1101	0.519439	0.415929	1
cg08445687	PLEKHF1		0.446808	0.612397	1.2039	1.2039	0.45621	0.759101	-1.31735	0.600526	0.825386	-1.21155	0.102216	1.91476	1.91476	0.87998	0.9466	-1.05641		0.553645	0.804433	-1.24311	0.777463	0.902277	-1.10831	0.254039	0.648819	-1.54126	0.128152	0.55026	-1.81732	1.11009	3.3193	1.85714	1
cg00591949	UTS2D;CCDC50;CDC50		0.446829	0.390298	0.683552	-1.46295	0.21145	0.566114	-1.76643	0.468147	1.3758	1.3758	0.348834	1.51716	1.51716	0.68474	0.838271	-1.19293		0.547727	0.768804	-1.30072	0.245569	0.591614	-1.69029	0.10125	0.471294	-2.12182	0.598577	1.25809	1.25809	1.11005	3.2839	2.62963	1
cg04683	H3F3A;LOC440026		0.446831	0.535657	1.86705	1.86705	0.464266	1.87333	1.87333	0.477301	0.835578	-1.19678	0.801198	1.07098	1.07098	0.875911	1.08798	1.08798		0.487868	1.18861	1.18861	0.166004	1.44428	1.44428	0.694599	1.16368	1.16368	0.0759731	1.25978	1.25978	0.577118	1.1506	1.10639	0.848389	1.1101	0.519439	0.415929	1
cg13302293	CDKSAP2;CDKSAP2		0.446833	?	?	?	0.515317	1.63641	1.63641	0.993268	0.994034	-1.006	?	?	?	?	0.272127	2.53345	2.53345		0.268998	2.59125	2.59125	0.47092	0.576366	-1.73501	?	?	?	0.2006515	3.26266	3.26266	1.52774	1.65189	1.23317	1
cg02818143	PTPN2;PTPN2;PTPN2		0.446841	0.747496	1.13763	1.13763	0.594253	0.806829	-1.23942	0.780368	1.1228	1.1228	0.874801	1.33012	1.33012	0.0107562	0.752358	-1.32908		0.631264	1.82444	-1.22301	0.874783	0.938988	-1.06498	0.732041	1.68778	1.68778	0.0148107	0.553246	0.847883	1.11004	0.779018	1.24878	1.1101	0.519439	0.415929	1
cg07131157	KRT86		0.446849	0.15644	0.568604	-1.75869	0.429356	3.35047	3.35047	0.383409	1.39498	1.39498	0.283905	0.660597	-1.51378	0.215194	0.61516	-1.62559		0.394258	0.722535	-1.38402	0.30886	1.48029	1.48029	0.929536	0.967597	-1.03349	0.604497	0.823166	-1.21482	1.11001	2.43842	1.95267	1
cg07506055	TMC7;TMC7		0.446855	0.607302	0.858176	-1.16525	0.143668	1.58984	1.58984	0.26435	1.40998	1.40998	0.490541	0.812296	-1.23056	0.857639	1.05442	1.05442		0.622805	1.1575	1.1575	0.73138	1.31198	1.31198	0.0910394	1.45265	1.45265	0.454429	1.25085	1.25085	1.11001	1.5309	1.22594	1
cg16681914	MSL3;MSL3;MSL3;MSL3		0.446865	0.692761	0.816116	1.22483	0.449258	0.442548	-2.22589	0.262994	0.950343	-1.05242	0.54927	1.54948	1.54948	0.159492	0.533691	-1.87501		0.058276	0.11991	-8.33981	0.0168859	0.0252766	-39.5681	0.0121616	0.0252766	-39.5681	0.0121616	0.040661	1.11001	1.10641

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1347 vs. N)	Fold-Change(1 vs.1347)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1577 vs. N)	Fold-Change(1 vs.1577)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)	
cg00161713	MDP1	0.447398	0.208992	1.58457	1.54657	1.79687	0.918664	-1.08554	0.155844	1.64813	1.64813	0.537345	1.22817	1.22817	0.453726	0.777914	1.28549	0.248303	1.48755	1.48755	0.110487	1.77236	1.77236	0.484885	1.26308	1.26308	0.281834	1.44488	1.10892	1.90169	1.53436	1
cg25494227	C12orf59;C12orf59	0.447399	0.232411	0.536515	-1.86388	0.4607	0.520931	-3.11594	0.621882	0.781408	-1.2804	0.571321	0.752431	-1.32903	0.151705	0.465954	-2.14614	0.399775	0.651431	-1.53508	0.183987	0.496201	-2.01531	0.929775	0.95712	-1.0448	0.992157	0.995125	-1.0049	1.10892	4.34187	3.48037	1
cg09578113	TNS3	0.447404	0.168386	0.515737	-1.93897	0.90121	0.945517	-1.05762	0.805155	1.11795	1.11795	0.921565	0.956544	-1.04543	0.0939121	0.435646	-2.29544	0.413939	0.696408	-1.43594	0.0813502	0.418293	-2.39067	0.291449	0.610288	-1.63857	0.368867	0.670227	-1.49203	1.08991	3.57413	2.86499	1
cg03124340	ABCD3;ABCC5	0.447411	0.323604	2.83693	2.83693	2.66052	1.57533	1.57533	0.472301	2.11221	2.11221	0.205644	1.90773	1.90773	0.0144479	1.116313	1.11614	0.124453	1.180512	-1.5391	0.527567	0.519624	-1.92447	0.331835	0.359153	-2.78433	0.399091	2.418805	2.418806	1.0889	1.87222	1.42722	1
cg04861263	FOXB1	0.447411	?	?	?	0.563272	1.81504	1.81504	?	?	?	?	?	?	?	?	?	0.471651	0.472409	-2.11681	0.0923082	0.135018	-7.40644	0.640236	0.619416	-1.61442	0.636504	0.616029	-1.6233	1.13236	9.37973	8.28331	1
cg19086858	DENND5B	0.447425	0.926271	0.909323	-1.09972	0.0911046	0.697362	-1.44398	0.822307	0.957369	-1.04453	0.349596	1.20502	1.20502	0.698514	1.0783	1.0783	0.469554	1.15316	1.15316	0.149968	1.34842	1.34842	0.499005	0.87553	-1.14216	0.648704	0.914997	-1.0929	1.0887	0.658821	0.528124	1
cg21226234	RECQL4;LRRC14	0.447425	0.232529	0.48569	-2.05893	0.283645	0.525948	-1.90133	0.546457	0.703239	-1.42199	0.144974	0.405373	-2.46686	0.22191	0.476851	-2.09709	0.424692	0.624824	-1.60045	0.39375	0.604158	-1.6552	0.0457394	0.266819	-3.74786	0.350317	0.574333	-1.74115	1.08186	5.84375	4.68447	1
cg26137056	NNT;NNT1;NNT	0.447429	0.789311	1.04496	1.04496	0.657361	0.929321	-1.07554	0.84799	0.968981	-1.03201	0.227424	1.23128	1.23128	0.712758	1.06261	1.06261	0.637997	1.08092	1.08092	0.881581	1.02963	1.02963	0.0259181	1.54371	1.54371	1.08886	0.473495	0.379566	1
cg21003581	PCLO;PCLO	0.447429	0.376965	0.829057	-1.20619	0.794902	0.597557	-1.05134	0.556107	1.24496	1.24496	0.867313	0.965862	-1.03534	0.80896	1.05136	1.05136	0.72914	0.930644	1.07453	0.713632	0.930616	1.0752	1.07716	1.67716	0.844914	1.04133	1.04133	1.31886	0.750897	0.60194	1
cg10072168	PACRG;PACRG;PACRG	0.447442	0.58259	0.765947	-1.30557	0.0513969	0.344571	-2.90216	0.246533	0.55871	-1.78984	0.983416	0.01003	0.01003	0.300793	0.597473	-1.67371	0.160512	0.486674	-2.05476	0.358388	0.635281	-1.57411	0.264499	0.571964	-1.74836	0.830395	1.10854	1.10854	1.10883	4.05252	3.24868	1
cg08251765	ZFAT;ZFAT;ZFAT	0.447449	0.115882	1.431437	-1.31794	0.0127	0.0127	-1.64666	0.0966057	1.02115	1.02115	0.0966057	1.02115	1.02115	0.0966057	1.02115	1.02115	0.409611	1.05863	1.05863	0.233809	1.07045	1.07045	0.0153693	1.3314	1.3314	0.162423	0.480142	0.282272	1.60882	2.42668	1.40678	1
cg16429005	MPRIP;MPRIP	0.447452	0.322462	1.84238	-1.15823	0.17683	0.770861	-1.29725	0.0916915	0.696851	-1.43503	0.594895	1.09663	1.09663	0.494871	1.12651	1.12651	0.594284	0.911746	-1.0968	0.756255	1.05497	1.05497	0.736773	0.94367	-1.05969	0.413932	0.866288	-1.15435	1.08815	0.518685	0.415809	1
cg05153246	KLHL14	0.447453	0.249548	0.820153	-1.21647	0.557191	0.907835	-1.1015	0.254929	0.824093	-1.21354	0.559043	1.10099	1.10099	0.66573	0.931623	-1.07334	0.556749	1.09083	1.09083	0.349112	0.821891	-1.21671	0.903429	1.16333	1.16333	0.168437	1.26994	1.26994	1.10881	0.4656	0.370253	1
cg19420447	ZNF530	0.447460	0.745239	1.9056	1.10416	0.439335	0.786858	-1.27088	0.477644	1.29178	-1.27191	0.0567916	0.519316	-1.92561	0.674793	0.879633	-1.13684	0.283048	0.712487	-1.4033	0.166957	0.639034	-1.56486	0.383545	1.11301	1.31201	0.849762	1.05933	1.05933	1.10879	1.62206	1.30036	1
cg01157203	HSD17B12	0.447461	0.116524	1.81999	1.81999	0.802092	0.91484	-1.09309	0.607728	1.19938	1.19938	0.568204	1.2053	1.2053	0.242636	1.53627	1.53627	0.545508	0.806686	-1.23964	0.354743	1.39695	1.39695	0.302542	1.45501	1.45501	0.079811	1.979	1.979	1.10879	2.16514	1.73573	1
cg06787724	NASAL1	0.447462	0.56384	1.28771	1.28771	0.243772	1.6882	1.6882	0.448998	1.44398	1.44398	0.0706693	2.32564	2.32564	0.0133753	1.40148	1.40148	0.2625427	1.65906	1.65906	0.400636	1.45185	1.45185	0.0745985	1.79267	1.79267	0.0270868	1.79267	1.79267	1.10879	2.30808	2.64399	1
cg22101147	TMEM110	0.447467	0.120085	0.54789	-1.82518	0.695685	0.115058	1.15058	0.213583	1.5957	1.5957	0.462509	1.30586	1.30586	0.484375	0.776032	-1.28861	0.250267	0.651365	-1.53524	0.639421	0.84504	-1.18338	0.336417	1.42427	1.42427	0.820532	0.922122	-1.08446	1.08878	2.23575	1.79236	1
cg20535913	MYO5A;MYO5A	0.447472	0.934801	1.04788	-1.01855	0.153079	0.707764	-1.4129	0.663452	1.12494	1.12494	0.25781	1.30379	1.30379	0.142508	0.701777	-1.42496	0.99268	0.997941	-1.00206	0.280719	0.777134	-1.28645	0.799159	1.05855	1.05855	0.408299	1.20925	1.20925	1.10877	0.886236	0.719485	1
cg05061504	POU5F1	0.447476	0.697863	0.928146	-1.07742	0.573387	1.11473	1.11473	0.0650665	1.48576	1.48576	0.825426	0.985654	-1.01431	0.237317	0.784854	-1.27412	0.68103	1.08221	1.08221	0.475872	0.870598	-1.14864	0.781155	0.948644	-1.05434	0.266208	1.24787	1.24787	1.10876	0.641566	0.514339	1
cg12161625	TNRC18	0.447484	0.672608	1.13186	1.13186	0.323063	0.742714	-1.34641	0.900473	0.964195	-1.03713	0.474564	1.23605	1.23605	0.514122	1.21265	1.21265	0.314495	1.35407	1.35407	0.0480987	0.517709	-1.93159	0.81916	1.06901	1.06901	0.993331	0.997567	-1.00244	1.08775	1.49123	1.19553	1
cg24136385	C7orf50;C7orf50;C7orf50	0.447485	0.99051	0.993194	-1.00675	0.179353	2.16	2.16	0.0126	2.29	2.29	0.152409	2.3804	2.3804	0.650378	2.77587	-1.29251	0.405249	0.617704	-1.6189	0.214984	0.479577	-2.08317	0.876048	0.918254	-1.08925	0.803202	1.868998	-1.15075	1.08875	5.55304	4.45191	1
cg13137577	ARHGEF17	0.447485	0.292459	0.734321	-1.3618	0.37434	1.29411	1.29411	0.50113	0.824438	-1.21295	0.369065	1.29801	1.29801	0.819059	1.06693	1.06693	0.236288	1.42031	1.42031	0.225918	0.697998	-1.43267	0.486043	1.22156	1.22156	0.219661	1.44067	1.44067	1.10874	1.40377	1.12541	1
cg16662821	SPIN1	0.447491	0.910721	1.07095	1.07095	0.739551	0.676494	-1.47875	0.0992709	1.47875	1.47875	0.0992709	1.47875	1.47875	0.0992709	1.44454	-1.00123	0.556593	1.14606	1.14606	0.0992709	1.44454	-1.00123	0.556593	1.14606	1.14606	0.0992709	1.44454	-1.00123	0.556593	1.14606	1.14606	0.0992709	1.44454	1.10874	0.842814	0.526367	1.26984	1.24074	1
cg01203948	CDK16	0.447491	0.0467961	1.36475	-2.74161	0.868273	0.929091	-1.07632	0.23421	0.575484	-1.73767	0.680461	2.1014	2.1014	0.42801	0.698692	1.43125	0.55272	1.7663352	1.30488	0.390032	0.676871	-1.47738	0.662681	0.823261	-1.21468	0.349092	1.53281	1.53281	1.10873	1.44745	2.76387	1
cg02036730	MAP4K1;EIF3K;MAP4K1	0.447505	0.143326	1.33048	1.33048	0.168536	1.30525	1.30525	0.343686	1.19375	1.19375	0.589277	0.905778	-1.10402	0.865377	1.03122	1.03122	0.899801	1.02313	1.02313	0.22452	0.759229	-1.26057	0.769904	0.954953	-1.04717	0.243599	1.24796	1.24796	1.10872	0.578836	0.464069	1
cg08648041	NOPS6;NOPS6;SNORD110	0.447507	0.080677	0.793036	-1.26093	0.349377	1.12828	1.12828	0.418373	0.80369	1.03009	0.318015	0.80369	1.03009	0.318015	0.80369	1.03009	0.879709	1.02104	1.02104	0.182078	1.25767	1.25767	0.387637	0.846802	-1.17483	0.327285	0.846802	-1.17483	0.327285	0.462225	0.370581	1
cg07725729	MTMR9	0.447511	0.406687	0.809667	-1.23508	0.166737	1.44297	1.44297	0.254333	1.34456	1.34456	0.5463	1.16401	1.16401	0.934073	0.979631	-1.02079	0.735908	1.08785	1.08785	0.756809	0.925644	-1.08033	0.122385	0.6594	-1.51653	0.361241	1.26295	1.26295	1.10869	1.0864	0.871011	1
cg04766076	APOC4	0.447514	0.960954	1.01387	1.01387	0.124383	0.553768	-1.8235	0.688001	1.15559	1.15559	0.559763	0.811022	1.23301	0.0193504	1.12649	1.12649	0.220368	1.63276	1.63276	0.0178506	1.16366	1.16366	0.0429185	0.884415	-1.4611	0.696394	0.884099	-1.14944	1.10869	2.2151	1.77795	1
cg25080215	LOC102272228;CKorf40B	0.447517	0.0922599	0.507219	-1.97153	0.152888	0.554474	-1.80351	0.711448	0.87275	-1.1458	0.318991	1.44296	1.44296	0.643112	0.842885	1.1864	0.222892	1.625159	1.59867	0.0147884	1.35855	1.35855	0.625686	1.19732	1.19732	0.934788	1.03043	1.03043	1.10868	1.35617	1.88907	1
cg19570155	CRIM1	0.447519	0.393738	0.613044	-1.6312	0.0443331	0.274246	-3.64636	0.110468	0.377481	-2.64914	0.966357	1.02391	1.02391	0.308299	0.553974	-1.80514	0.590537	0.737681	-1.3556	0.696063	0.802607	-1.24594	0.824582	1.13241	1.13241	0.862453	1.102	1.102	1.10868	5.50877	4.41669	1
cg14843731	CYYR1	0.447527	0.282234	0.774955	-1.29085	0.482407	0.7	1.42857	0.0558	1.42857	1.42857	0.0558	1.42857	1.42857	0.0558	1.42857	1.42857	0.760101	1.31716	1.31716	0.495536	1.11186	1.11186	0.640145	1.07349	1.07349	0.763246	1.16484	1.16484	1.10867	0.525185	0.409019	1
cg08907525	LRRC43;IL31	0.447527	0.449257	1.50361	1.50361	0.37678	1.61568	1.61568	0.897268	1.07072	1.07072	0.344737	1.67329	1.67329	0.74138	1.46937	1.46937	0.289512	1.69198	1.69198	0.944762	0.964011	-1.03733	0.669867	0.797038	-1.25465	0.145402	0.437362	-2.28643	1.08666	4.91305	3.93913	1
cg22852353	LMX1A;LMX1A;LMX1A	0.447531	0.0929102	0.694005	-1.44097	0.0873381	0.580831	-1.72268	0.153599	0.680283	-1.47033	0.564723	0.845623	1.18313	0.160702	0.748357	-1.33637	0.602	1.58597	1.58597	0.0113703	0.662	1.48538	1.48538	0.45079	1.48538	0.45079	0.662	1.48538	1.48538	0.45079	1.48538	0.45079	0.662	1.48538	1.10867	0.526363	1.20255	1.24747	1
cg23448582	SEL1L	0.447534	0.331573	1.30171	1.30171	0.364	1.27832	1.27832	0.151631	1.49835	1.49835	0.160553	1.48374	1.48374	0.539424	1.17768	1.17768	0.195482	1.43387	1.43387	0.24188	1.38047	1.38047	0.0621009	1.73823	1.73823	0.601674	1.1487	1.1487	1.10865	1.21652	0.97538	1
cg19257550	CA9	0.447542	0.318446	0.518126	-1.93003	0.302341	0.505927	-1.97657	0.826591	1.15017	1.15017	0.924761	1.06209	1.06209	0.358026	0.547312	-1.82711	0.11962	0.340658	-2.9355	0.157316	0.381229	-2.6231	0.100726	0.317774	-3.14689	0.829498	1.14743	1.14743	1.10863	7.13992	5.72471	1
cg21765577	CYC1	0.447553	0.879703	1.03046	1.03046	0.110759	0.618551	-1.24318	0.104948	0.810097	1.23457	0.0996	0.810097	1.23457	0.0996	0.810097	1.23457	0.380729	1.05336	1.05336	0.0855399	0.878943	-1.13773	0.315242	1.10225	1.10225	0.533295	1.053896	1.05389	1.10863	0.742603	0.615299	1
cg17499981	RPLP2	0.447555	0.283534	1.51333	1.51333	0.18481	1.68706	1.68706	0.973146	0.987561	-1.0126	0.559131	1.24564	1.24564	0.290504	1.50367	1.50367	0.060391	2.19788	2.19788	?	?	?	0.206978	1.64029	1.64029	0.806033	1.0958	1.0958	1.10808	2.14319	1.94661	1
cg10889801	CYP26B1	0.447563	0.382804	1.31485	1.31485	0.288384	1.1331	1.1331	0.887003	1.04257	1.04257	0.610972	1.58186	1.58186	0.0809597	1.87132	1.87132	0.197152	1.52628	1.52628	0.150362	1.44887	1.44887	0.0903777	1.95024	1.95024	0.0558742	1.98874	1.98874	1.12516	1.08661	1.84749	1.48333	1
cg13526981	KIAA0226;KIAA0226	0.447565	0.266997	0.45585	0.45585	0.472592	0.416088	-2.40334	0.883554	1.1911	1.1911	0.100009	0.94084	0.94084	0.125327	0.786697	1.26697	0.199918	1.19631	1.19631	0.479962	2.28237	2.28237	0.6909	1.61232	1.61232	0.353716	1.50246	1.50246	1.10862	0.422525	0.370581	1
cg02597153	KCNC1;KCNC1	0.447565	0.729457	1.12541	1.12541	0.282936	1.46179	1.46179	0.173405	1.6371	1.6371	0.814265	1.08338	1.08338	0.125278	0.568569	-1.7588	0.735908	1.08785	1.08785	0.756809	0.925644	-1.08033	0.122385	0.6594	-1.51653	0.361241	1.26295	1.26295	1.10869	1.0864	0.871011	1
cg29347998	ZBTB17	0.447582	0.963054	1.01387	1.01387	0.124383	0.553768	-1.8235	0.688001	1.15559	1.15559	0.559763	0.811022	1.23301	0.0193504	1.12649	1.12649	0.220368	1.63276	1.63276	0.0178506	1.16366	1.16366	0.0429185	0.884415	-1.4611	0.696394	0.884099	-1.14944	1.10869	2.2151	1.77795	1
cg03328650	MIR9227;PTCD2;MIR9227	0.447564	0.920352	1.01318	1.01318	0.0786833	2.29125	2.29125	0.0924809	2.10503	2.10503	0.160868	2.13915	2.13915	0.780994	0.964177	-1.03715	0.176449	0.828537	-1.20695	0.336386	0.878324	-1.13853	0.928492	1.10182	1.10182	0.900666	1.01542	1.01542	1.10859	0.300795	0.241183	1
cg05775239	KLHL2	0.447565	0.79204	1.07258	1.07258	0.0755231	1.25615	1.25615	0.0924809	1.21822	1.2379	0.0924809	1.21822	1.2379	0.0924809	1.21822	1.2379	0.870418	1.05616	1.05616	0.0372722	1.25859	1.25859	0.0379899	1.60314	1.60314	0.0164641	1.65144	1.65144	1.10857	0.858724	0.742748	1
cg01603981	MSH3	0.447578	0.575164	0.674321	-1.48297	0.203009	0.392526	-2.5476	0.162857	0.356454	-2.81972	0.670979	0.742781	-1.34629	0.152156	0.34388	-2.90799	0.320646	0.489645	-2.0423	0.0571496	0.223672	-4.47083	0.446159	0.582524	-1.71667	0.259891	0.441387	-2.26558	1.08156	8.50201	6.81726	1
cg22627753	AGRN	0.447581	0.378856	0.502718	-1.99135	0.185186	0.242108	-4.13268	0.0962108	0.692688	-1.44319	0.738578	0.738578	-1.35395	0.615211	0.444319	-2.25104	0.192634	0.522606	1.91437	0.0178504	0.168464	2.22217	0.0182267	0.266012	3.75859	0.0134275	0.266012	3.75859	0.0134275	0.923342	1.08302	1.08156	0.31285	0.10967	1
cg27275781	TNRC18	0.447595	0.911924	1.16923	1.16923	0.18268	0.599102	-1.08114	0.69773	0.990512	-1.00814	0.98977	0.990512	-1.00814	0.98977	0.990512	-1.00814	0.697866	0.873949	-1.14423	0.623995	0.842455	-1.18705	0.911138	0.93931	1.06491	0.464541	0.842455	-1.18705	0.911138	0.93931	1.06491	0.464541	1.10857	1.25084	0.20427	0.67931	1
cg03643241	FRMD5	0.447598	0.75991	1.04745	1.04745	0.589515	0.920919	-1.08587	0.0641869	1.36966	1.36966	0.964	1.00685	1.00685	0.787422	1.04173	1.04173	0.28377	1.18344	1.18344	0.510387	0.90395	-1.10626	0.569031	0.916632	-1.09095	0.220809	0.823102	-1.21492	1.08552	0.401594	0.322026	1
cg03036915	AIDA;AIDA;LIG4	0.447604	0.333134	0.726344	-1.37676	0.0622661	0.504632	-1.98132	0.208851	0.532883	1.53883	0.312136	0.700213	-1.42804	0.0973587	0.583344	-1.71412	0.273947	0.589241	-1.69706	0.0973587	0.583344	-1.71412	0.273947	0.589241	-1.69706	0.0973587	0.583344	-1.71412	0.273947	0.589241	-1.69706	0.0973587	0.583344	1.10857	1.08099	0.908861	0.960872	-1.04072	1.14851	1.14494	1
cg21306294	PHLDA3	0.447605	0.838535	0.937518	-1.06665	0.250159	4623	4623	0.618317	1.17215	1.17215	0.12359	1.69456	1.69456	0.573048	1.19731	1.19731	0.405176	1.30907	1.30907	0.107818	0.574136	-1.74175	0.898494	0.960447	-1.04118	0.76331	0.908915	-1.10021	1.08551	1.75556	1.40775	1
cg02078118	TMEM175	0.447613	0.797914	1.11946	1.11946	0.0964766	2.64644	2.64644	0.0926243	2.66681	2.66681	0.152359	1.44014	1.44014	0.617431	1.27773	1.27773	0.322106	1.46955	1.46955	0.119509	2.66076	2.66076	0.760379	1.68992	1.68992	0.0159568	2.77443	-1.29127	1.08449	5.83755	4.68287	1
cg01462040	AF2;AFF2;AFF2;AFF2;AFF2	0.447614	0.218724	0.256482	-3.88801	0.954966	0.400356	-2.49778	0.671	0.639786	-1.56743	0.179545	0.447952	0.447952	0.309346	0.30413	3.02413	0.119157	0.168832	-5.92305	0.987319	0.101686	1.01686	0.978543	0.12869	1.02869	0.969923	0.961116	0.404096	1.08154	19.4244	15.5763	1
cg06838283	C5orf13;C5orf13	0.447623	0.649041	0.617715	-1.61887	0.185391	4.37782	4.37782	0.204889	4.08127	4.08127	0.778649	1.34484	1.34484	0.0850107	0.135532	-7.37834	0.637939	1.64601	1.64601	0.988821	0.985378	-1.01484	0.981731	1.02437	1.02437	0.464513	0.45717	-2.18737	1.10847	19.4067	15.5623	1
cg00556627	SPATS2L;SPATS2L;SPATS2L;SPATS2L	0.447629	0.82047	0.852029	-1.17357	0.19104	0.977104	-1.05179	0.732923	1.27734	1.27734	0.117384	2.77144	2.77144	0.286097	0.458289	-2.17923	0.829374	0.858964	1.16419	0.142866	0.13232	1.03232	0.500331	1.61916	1.61916	0.687864	1.32909	1.32909	1.10845	0.871141	0.98584	1
cg13793166	PHF19;PHF19	0.447639	?	?	?	0.314751	2.95524	2.95524	0.273795	3.29381	3.29381	?	?	?	?	0.787905	1.31698	0.316998	0.282551	2.14159	0.214933	0.218933	2.55861	?	?	0.521126	1.95219	1.95219	1.15262	11.6094	8.39345	1
cg20456055	ABCB8	0.447664	0.811763	1.05064	1.05064	0.792641	1.05607	1.05607	0.778951	1.06	1.06	1.218359	0.764841	-1.30746	0.917694	1.02163	1.02163	0.240147	0.775182	-1.29002	0.922086	1.02046	1.02046	0.112375	1.43012	1.43012	0.165617	1.35822	1.35822	1.10844	0.75266	0.603581	1
cg16751502	TRAPPC9;TRAPPC9	0.447650	0.416203	0.799082	-1.25107	0.354174	1.09624	1.09624	0.0926244	1.08354	0.748357	-1.33626	0.924628	1.08354	0.748357	-1.33626	0.924628	0.196174	1.14031	1.14031	0.168326	1.61727	1.61727	0.505985	0.833472	-1.1998	0.751607	1.08949	1.08949	0.670374	1.12251	1.12251	1.10841	0.779899	1.02569	1
cg16591404	TCF15	0.447657	0.52018	0.836775	-1.19506	0.079006	0.587887	-1.70101	0.0519504	0.546346	-1.83034	0.722807	0.907228	-1.10226	0.392431	0.787014	-1.27062	0.513639	0.834368	-1.19851	0.867862	0.955501	-1.04657	0.582507	0.839823	-1.19073	0.183372	0.679843	-1.47093	1.0844	1.31187	1.05206	1
cg16017313	UBE3B;UBE3B	0.447665	0.727403	0.917276	-1.09018	0.827438	1.05534	1.05534	0.277302	1.32152	1.32152	0.327494	1.28326	1.28326	0.119781	0.659375	-1.51659	0.644982	0.891836	-1.12128	0.117089	1.52201	1.52201	0.760456	0.927325	-1.07837	0.981528	1.00573	1.00573	1.10839	1.0687	0.857064	1
cg00001687	CDK10;CDK10;CDK10;CDK10;CDK10;CD	0.447666	0.196176	0.70791	3.70791	0.609573	0.70102	0.0705097	0.6456	0.6456	0.0426828	2.93293	2.91293	0.197213	2.58229	2.58229	0.0426828	1.53533	0.693929	0.46115	1.46115	1.03839	16.1384	12.9425	1
cg01708493	INSIG1;INSIG1;INSIG1	0.447667	0.861527	1.07144	1.07144	0.0972238	1.1376	1.1376	0.319414	1.24479	1.24479	0.963046	1.03827	1.03827	0.212382	1.16425	1.16425	0.0836606	1.56672	1.56672	0.0136497	1.67243	1.67243	0.0440023	1.78702	1.78702	0.0185085	1.27047	0.999075	0.999411	-1.00059	1.08318	4.53422	3.63363	1
cg26631505	MSI2;MSI2	0.447668	0.610109	0.879559	-1.13693	0.578942	1.15014	1.15014	0.459774	1.20662	1.20662	0.772058	1.07518	1.07518	0.0535758	1.72815	1.72815	0.172767	1.43631	1.43631	0.321945	1.2909	1.2909	0.455109	0.827083	-1.20907	0.507383	1.18274	1.18274	1.10838	1.09317	0.87669	1
cg09771636	STK32C	0.447672	0.923554	0.983042	-1.01722	0.888843	0.979351	-1.02127	0.0974983	1.43161	1.43161	0.669027	0.926229	-1.08001	0.237093	1.80916	-1.10695	0.182405	0.852474	1.17306	0.0922284	0.10741	9.30905	0.0923082	0.182404	5.48284	0.0923082	0.182404	5.48284	0.0923082	0.559457	0.446066	1.10838	0.0923082	0.182404	5.48284	0.0923082	0.182404	5.48284	0.0923082	0.182404	5.48284	0.0923082	0.182404	5.48284	0.0923082	0.182404	5.48284	0.0923082	0.182404	5.48284	0.0923082

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg19434247	ZNF598		0.448060		0.941525	0.951774	-1.05067	1.05486007	0.04282	0.04282	0.07348	0.07348353	3.83638	3.83638	0.767053	0.767053	1.12159	1.12159	0.913824	1.07566	1.07566	0.732765	1.25976	1.25976	?	?	0.796544	0.840232	-1.19015	1.19994	0.041561	-1.05081	1.09994	7.0294	6.39073	1
cg00084271	ATP14A; ATP14A		0.440089		0.502019	0.448037	-2.23196	2.09127%	0.275149	-3.63439	0.103251	8.16652	8.16652	8.168643	0.822797	-1.25137	0.206427	4.80838	4.80838		0.951473	1.07435	1.07435	0.461694	2.4181	2.41581	0.755583	1.44478	1.44478	0.290746	0.274731	-3.63992	1.10754	24.3574	19.5487	1
cg14152222	MRGPRF;MRGPRF;MRGPRF;MRGPRF		0.448089		0.16957	0.683917	-1.46217	0.4867748	0.832379	-1.20138	0.407549	0.8025441	-1.24604	0.339772	0.774561	-1.29105	0.0708501	0.592115	-1.68886		0.619896	0.878251	-1.13863	0.550135	0.85472	-1.16997	0.273069	0.743659	-1.3447	0.325488	1.30162	1.30162	1.10754	1.18255	0.949086	1
cg09933846	TMS4L5A		0.448209		0.295568	0.468795	-2.13313	0.7299538	1.27382	1.27382	0.468166	0.9397168	-1.67457	0.0868373	0.74661	0.74661	0.912949	1.07937	1.07937		0.109184	0.295223	-3.38727	0.795291	0.833937	-1.19913	0.886351	0.904963	-1.10504	0.828045	0.859045	-1.16408	1.10754	8.55698	6.86763	1
cg10686550	IL15RA;IL15RA		0.448093		0.114076	0.288738	-3.46335	0.83521	1.16246	1.16246	0.411897	0.54535	-1.83368	0.217321	0.39141	-2.55487	0.136033	0.313205	-3.19279		0.175744	0.353303	-2.83043	0.235852	0.426594	-2.34415	0.66495	1.37012	1.37012	0.855379	0.876393	-1.14104	1.10754	9.16091	7.35238	1
cg06185378	RTTN;RTTN		0.448097		0.706787	0.962218	-1.03927	0.5909948	1.05685	1.05685	0.275923	1.1269	1.12369	1.12369	0.332705	0.903173	1.10721	0.350357	1.10293	1.10293		0.430631	1.08544	1.08544	0.072726	0.83543	-1.22635	0.861334	0.982339	-1.01798	0.776741	0.971444	-1.0294	1.10753	0.182192	0.144225	1
cg18797653	MIR886		0.448105		0.169967	2.6465	2.6465	0.828457	1.15545	1.15545	0.878971	1.10678	1.10678	0.190532	0.51678	2.51678	0.928436	1.06164	1.06164		0.28262	2.10304	2.10304	0.06139	4.06858	4.06858	0.255465	2.20443	2.20443	0.212418	2.39765	2.39765	1.10751	7.77637	6.24131	1
cg16490470	PLINA2		0.448106		0.135746	1.47252	1.47252	0.163083	0.779153	-1.25355	0.719084	0.916734	-1.09084	0.613722	1.13033	1.13033	0.18932	0.18962	1.38077	1.38077		0.219905	1.35036	1.35036	0.135885	1.48173	1.48173	0.950397	1.01096	1.01509	0.918867	1.02479	1.02479	1.10751	1.0162	0.815604	1
cg12809650	TRAPPC9;TRAPPC9		0.448106		0.585225	1.00643	1.00643	0.751274	1.21657	1.21657	0.418067	0.750927	-1.33169	0.788657	0.99836	1.00836	0.951644	0.842585	-2.07218		0.863496	1.06138	1.06138	0.269349	1.48912	1.48912	0.422745	0.753178	-1.32771	0.272563	0.673472	-1.48484	1.10751	2.10183	1.68693	1
cg07971474	GEMIN6 ANKRD42;ABLIM2;ABLIM2;ABLIM2;ABLIM2		0.448109		0.517654	1.1176	1.1176	0.914329	0.981925	-1.01841	0.616106	0.917881	-1.08946	0.851581	1.00226	1.00226	0.04410	4.48002	4.48002		0.461399	1.13553	1.13553	0.232651	1.23633	1.23633	0.604071	1.09272	1.09272	0.15108	1.29796	1.29796	1.10751	0.5039959	0.40448	1
cg10132104	ANKRD42;ABLIM2		0.448125		0.523053	1.13899	1.13899	0.825589	0.956768	-1.04519	0.696467	0.9245	-1.08167	0.804995	1.05095	1.05095	0.107405	1.60751	1.60751		0.309218	1.23458	1.23458	0.071056	1.4823	1.4823	0.777174	1.21882	1.21882	0.107483	1.4216	1.4216	1.10747	0.7033441	0.564521	1
cg13752708	PTPRN2;PTPRN2;PTPRN2		0.448137		0.532628	1.07007	1.07007	0.809422	0.899376	-1.11213	0.324768	0.425492	-2.35042	0.396277	0.07531	2.07531	0.059357	0.167986	-5.95289		0.202916	2.29263	2.29263	0.062292	1.44668	1.44668	0.754472	0.760934	-1.31484	0.288324	0.988306	-1.01183	1.10745	12.3897	9.94455	1
cg01671171	PTPN12;PTPN12;PTPN12		0.448151		0.587401	0.845636	-1.18254	0.858723	1.05604	1.05604	0.876584	1.04867	1.04867	0.836984	1.06008	1.06008	0.636971	1.63274			0.346765	1.34516	1.34516	0.0709563	0.539342	-1.85411	0.501565	1.12313	1.12313	0.722092	1.11549	1.11549	1.10742	1.64271	1.31854	1
cg19570703	ABCA12;ABCA12		0.448152		0.613433	1.21742	1.21742	0.457704	1.33918	1.33918	0.147809	0.54899	-1.82153	0.447568	0.741607	-1.34832	0.136732	0.682174	-1.4659		0.719212	0.86986	-1.14961	0.500013	0.767664	-1.30265	0.176565	1.74162	1.74162	0.258643	0.634341	-1.57644	1.10742	2.61589	2.09969	1
cg06321424	TTLL4		0.448157		0.598558	1.07597	-1.59089	0.4495519	1.3908	1.3908	0.343928	1.60048	1.60048	0.629648	1.28344	1.28344	?	?			0.574353	1.14402	1.14402	0.319441	1.64313	1.64313	0.28109	0.582064	-1.71802	0.294707	0.591676	-1.69012	1.11771	3.55219	2.78082	1
cg07233469	LOC595101		0.448165		0.493249	2.15587	2.15587	0.524825	2.03585	-2.03585	0.418874	2.49413	2.49413	0.348163	2.92028	2.92028	0.091102	8.120344	-8.30951		0.39426	2.6283	2.6283	0.287604	0.292649	-3.41706	0.953376	1.0663	1.0663	0.687876	1.55929	1.55929	1.15039	20.9161	12.1212	1
cg14489470	SHISA2		0.448167		0.207984	1.65925	1.65925	0.423424	0.828954	-1.20634	0.263633	1.55941	1.55941	0.229273	0.618349	-1.61773	0.282956	1.53016	1.53016		0.967447	0.98456	-1.01568	?	?	?	?	?	?	0.418104	1.37093	1.37093	1.08882	1.95167	2.04666	1
cg00594917	PPFIA4;PPFIA4		0.448181		0.660332	1.05429	1.05429	0.333444	1.08875	1.08875	0.253899	2.2729	2.2729	0.526923	1.55548	1.55548	0.142103	0.537022	-2.06717		0.552685	1.51274	1.51274	0.144974	0.340038	-2.94085	0.863681	0.888321	-1.12572	0.708353	0.825146	-1.21191	1.10736	8.32874	6.68555	1
cg02758155	GMNN		0.448192		0.946205	0.983908	-1.01636	0.318255	0.780357	-1.28146	0.604661	1.13378	1.13378	0.665576	0.900732	-1.11021	0.722621	0.917883	-1.08946		0.281083	0.763884	-1.3091	0.100179	1.54193	1.54193	0.428131	0.823255	-1.21469	0.225875	1.35764	1.35764	1.10734	1.03166	0.813691	1
cg26256104	ZNF831		0.448195		0.216425	0.332931	-3.00314	0.176283	0.76303	-1.31071	0.566964	0.82822	-1.20782	0.666902	0.69437	-1.44015	0.286394	0.935541	-1.06903		0.757893	1.29752	1.29752	0.240322	0.5542	1.8044	0.128719	0.250809	-3.98709	0.605886	0.645052	-1.55026	1.10733	1.24444	0.98952	1
cg01429333	C7orf50;C7orf50;C7orf50		0.448198		0.0783078	0.266322	-3.75486	0.412748	0.567527	-1.76203	0.929761	0.942107	-1.06145	0.585431	1.4515	1.4515	0.102277	0.298322	3.35208		0.301181	1.484496	-2.064	0.187544	0.388756	-2.57231	0.637144	0.72513	-1.37906	0.669733	0.748092	-1.33673	1.10733	8.02499	6.44192	1
cg24473622	C1orf144;C1orf144;C1orf144;C1orf144 NBR2;NBR2;BRCA1;BRCA1;BRCA1;BRC		0.4482		0.149818	0.590972	-1.66213	0.238371	1.52303	1.52303	0.797724	0.916227	-1.09143	0.77118	1.10445	1.10445	0.708928	0.88008	-1.13626		0.350794	0.720978	-1.38701	0.572606	1.21436	1.21436	0.350825	1.38697	1.38697	0.167612	1.65046	1.65046	1.10732	2.03521	1.63374	1
cg10893007	A1		0.448204		0.888145	1.03076	1.03076	0.212221	0.753637	-1.3269	0.190491	0.741992	-1.34772	0.836332	0.956449	-1.04553	0.0551784	0.626295	-1.59669		0.8158	1.05151	1.05151	0.34235	0.810109	-1.2344	0.506632	1.15608	1.15608	0.745455	0.932284	-1.07263	1.10732	0.812588	0.652298	1
cg02010262	PDCD6IP;PDCD6IP;PDCD6IP		0.448213		0.909177	0.980777	-1.0196	0.393139	1.16112	1.16112	0.609462	1.09159	1.09159	0.925925	0.984307	-1.01594	0.153135	1.2972	1.2972		0.679213	1.07329	1.07329	0.166619	0.778149	-1.2851	0.424425	0.870443	-1.14884	0.154332	1.29608	1.29608	1.1073	0.50736	0.407285	1
cg17939206	RNPEP		0.448223		0.309002	0.359599	-2.78092	0.294174	0.819378	-1.22074	0.833151	1.13173	1.13173	0.847393	0.785614	-1.27297	0.286994	1.28789	1.28789	?	?		0.201025	0.453723	-2.20396	0.736315	0.820557	-1.21868	0.691639	0.782321	-1.31063	1.02896	0.5008	1.40258	1.10732	5.30081	4.82068	1
cg16656022	RAB23;RAB23		0.448235		0.08686	0.785508	-1.27336	0.29288	0.896954	-1.14949	0.97256	1.0044	1.0044	0.870089	1.02112	1.02112	0.570539	1.07594	1.07594		0.857612	0.977332	-1.02319	0.731961	1.04487	1.04487	0.874612	1.01987	1.01987	0.105432	1.25338	1.25338	1.10726	1.28585	0.229476	1
cg08653333	TGFB1;TGFB3		0.448237		0.275053	1.70326	1.70326	0.0761411	2.52296	2.52296	0.0492847	2.86434	2.86434	0.682694	1.21258	1.21258	0.390525	1.51075	1.51075		0.376623	1.53032	1.53032	0.818877	1.11356	1.11356	0.623295	1.26133	1.26133	0.374388	1.53354	1.53354	1.10725	3.85657	3.09601	1
cg23905542	KCNH4		0.448238		0.538826	1.08182	1.08182	0.563662	0.929	-1.07603	-1.46193	1.46193	1.46193	0.275727	-1.28994	0.631195	1.37665	?	?		0.52087	0.808893	-1.23626	0.44	0.875684	-1.14196	0.994556	0.69339	-1.44205	0.0995	0.544109	-1.83755	1.10725	1.87295	1.69055	1.64419	1.49533	1
cg04940962	WDR27;C1orf120;WDR27		0.448257		0.164312	0.488242	-2.04816	0.722756	1.18781	1.18781	0.530675	0.73575	-1.35916	0.148893	2.11267	2.11267	0.626174	1.23629	1.23629		0.149541	2.1098	2.1098	0.803217	1.12821	1.12821	0.726177	1.18516	1.18516	0.424735	0.674443	-1.48271	1.10721	4.0936	3.28642	1
cg07455975	OLA1;OLA1		0.448258		0.277118	0.82401	-1.21359	0.502604	0.964079	-1.03675	0.340943	0.791156	-1.26397	0.653695	0.990737	-1.00935	0.933965	0.996294	-1.00374		0.720787	1.29355	1.29355	0.0842907	1.32737	1.32737	0.0842062	1.2239	1.2239	0.84876	1.03143	1.03143	1.10725	0.5268558	0.4758	1
cg21850735	NPTN;NPTN;NPTN;NPTN		0.448261		0.393958	1.31563	1.31563	0.190832	0.647161	-1.54521	0.265957	0.694779	-1.43931	0.627743	1.16592	1.16592	0.81874	0.930425	1.07478		0.998405	1.00063	1.00063	0.659145	1.14965	1.14965	0.731716	0.897522	-1.11418	0.0785991	1.8473	1.8473	1.1072	1.73071	1.38945	1
cg11421073	ARL6IP5		0.448272		0.687435	1.36552	1.36552	0.629674	1.45387	1.45387	0.862133	0.876691	-1.14326	0.324322	2.19024	2.19024	0.88794	0.89709	-1.11471		0.317269	2.2173	2.2173	0.339855	2.13333	2.13333	0.374745	0.42063	0.642063	0.163733	3.14155	3.14155	1.10718	10.4033	8.35215	1
cg04977157	EIF3B;EIF3B		0.448273		0.316493	0.772063	-1.29533	0.454562	0.741994	-1.34854	0.197954	0.7875	-1.26984	0.429108	0.829199	-1.20555	0.860655	0.62602	-1.59733		0.334838	0.543818	-1.83852	0.0185855	0.269804	0.7064	-1.41539	0.703535	-1.42161	0.182026	1.23969	1.23969	1.10717	0.57329	0.52858	1
cg08502873	MAPK14;MAPK14;MAPK14;MAPK14		0.44828		0.644845	1.12746	1.12746	0.38847	0.795769	-1.25665	0.284296	1.33307	1.33307	0.848712	0.951838	-1.0506	0.160894	0.679037	-1.47267		0.572029	1.15903	1.15903	0.248864	1.36551	1.36551	0.573467	1.15838	1.15838	0.15937	1.47504	1.47504	1.10717	1.17142	0.940473	1
cg00389575	MYO21		0.448284		0.695077	0.872233	-1.14648	0.173859	1.65472	1.65472	0.739056	1.12341	1.12341	0.923942	0.967306	-1.0338	0.040953	0.439913	-2.27318		0.594025	0.829215	-1.20596	0.844249	0.933821	-1.07087	0.477759	0.777823	-1.28564	0.779009	0.906715	-1.10288	1.10716	2.1248	1.70591	1
cg07260849	MDGA1		0.448285		0.176805	0.413609	-2.41775	0.0719047	0.290711	-3.43984	0.332063	0.540464	-1.85026	0.846297	1.12675	1.12675	0.209162	0.443081	-2.25692		0.532325	0.677779	-1.47541	0.518385	0.668574	-1.49572	0.180127	0.416745	-2.39955	0.701483	1.26723	1.26723	1.10716	6.63011	5.32304	1
cg02572517	AK8		0.448287		0.508207	1.24027	1.24027	0.47416	1.3838	1.3838	0.174509	1.15357	1.15357	0.502202	0.926266	-1.07967	0.342627	0.815951	-1.22563		0.825168	0.931475	-1.07357	0.24279	1.48076	1.48076	0.644693	1.16068	1.16068	0.846477	1.06417	1.06417	1.10715	2.01855	1.54929	1
cg05432469	FAM71E1;C19orf63;C19orf63		0.448287		0.578488	1.6228	1.6228	0.591141	0.864757	-1.15639	0.598771	1.15293	1.15293	0.81489	1.21385	1.21385	0.479457	1.21244	1.21244		0.333974	0.765663	-1.30606	0.0437235	0.537292	-1.86118	0.98023	0.99639	-1.00362	0.570849	0.857714	-1.16589	1.10715	1.25899	1.0108	1
cg06077741	C5orf39		0.448289		0.343191	0.4267	-2.34359	0.145193	0.544858	-1.83538	0.144368	0.544858	-1.83538	0.144368	0.544858	-1.83538	0.144368	0.544858	-1.83538	0.144368	0.544858	-1.83538	0.144368	0.0378932	0.10558	-9.47403	0.0204574	0.0403723	-24.7483	0.0373853	-1.14674	0.877853	0.857107	0.0466166	-21.4511	1.10722	0.0522	0.0222	1
cg17810853	ILI7RB;CHDH		0.448291		0.466568	0.805428	-1.24158	0.136673	0.639425	-1.5639	0.186444	0.676626	-1.47792	0.527937	0.836649	-1.19524	0.133329	0.63659	-1.57087		0.924537	1.02678	1.02678	0.0682992	0.565923	-1.76703	0.451992	0.807582	-1.23826	0.63779	0.876114	-1.1414	1.10714	1.36398	1.0951	1
cg01221020	C0RO1B;C0RO1B		0.448299		0.796464	1.08053	1.08053	0.834462	0.939238	-1.06447	0.623425	0.954405	-1.04801	0.766988	0.797488	-1.25407	0.284994	0.710686	-1.40673		0.258573	0.702428	-1.42363	0.0121947	0.482207	-2.07371	0.673193	0.487853	-2.05013	0.157432	1.26399	1.26399	1.10714	3.71508	2.98311	1
cg26364182	STYXL1;STYXL1;MDH2		0.44831		0.658529	1.3881	1.3881	0.39078	1.06615	1.06615	0.491922	1.67308	1.67308	0.904105	1.14029	1.14029	0.140141	0.748675	-1.33575	0.314756	1.46875	1.46875	0.164496	0.0727992	0.582861	-1.71664	0.568315	0.582861	-1.71514	0.582861	0.582861	-1.71514	0.582861	0.582861	-1.71514	0.582861

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1111 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Ratio(1477 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5630 vs. N)	Ratio(5630 vs. N)	Fold-Change(5630 vs. N)	F(Error)
cg20777466	CRDC	0.448753	0.668241	-1.88506	-1.18335	1.348651	0.686082	-1.45755	0.845229	0.926525	1.10793	0.481892	0.756453	-1.32196	0.02727904	0.360627	-2.77294	0.109806	0.58222	-1.71756	0.181223	0.704197	-1.42006	0.814439	1.09615	1.00615	0.645159	0.832696	-1.20092	1.10623	2.67134	2.14651	1
cg05502662	NARG2;NARG2;NARG2;NARG2	0.448754	?	?	?	0.429856	0.599257	-1.66873	0.894541	0.919413	-1.08765	0.200723	0.421762	-2.371	?	?	?	0.244382	1.23206	1.232896	0.342075	1.18333	1.18333	0.0897948	1.3793	1.3793	0.469065	0.864271	-1.15704	1.10622	0.518045	0.41627	1
cg17037297	CYBB	0.448755	0.137643	0.354679	-2.81945	0.723805	1.25857	1.25857	0.779048	0.831181	-1.20311	0.57562	0.693938	-1.44292	0.04339228	0.222861	-4.48709	0.842633	0.879092	-1.13754	0.561007	0.683111	-1.46389	0.69477	1.29133	1.29133	0.252075	0.460391	-2.17207	1.10621	7.36399	5.91727	1
cg25546405	C1	0.44876	0.688887	0.893169	-1.11961	0.282538	0.730901	-1.36817	0.513772	0.830363	-1.20429	0.584944	0.767133	-1.30356	0.284705	0.732011	-1.3661	0.403045	0.786452	-1.27153	0.0265561	0.478054	-2.09182	0.256753	0.717278	-1.39416	0.791391	0.928283	-1.07726	1.10621	1.38068	1.10943	1
cg20841073	CPEB4;CPEB4	0.448763	0.657567	0.851778	-1.17401	0.425315	1.34013	1.34013	0.0773054	2.02637	2.02637	0.838842	0.929388	-1.07598	0.730708	0.883162	-1.13229	0.545905	0.802691	-1.24581	0.655535	0.8509	-1.17523	0.143762	1.75919	1.75919	0.306785	1.46298	1.46298	1.10621	2.26565	1.82056	1
cg18842310	MCF2L	0.448778	0.315113	0.559722	-1.7862	0.568284	0.978032	-1.02246	0.10168	2.72111	2.72111	0.44556	1.54408	1.54408	0.213168	0.480746	-2.0801	0.798863	0.867054	-1.15333	0.2295944	0.494424	-2.02256	0.680749	0.793637	-1.26002	0.61274	0.751895	-1.32997	1.10617	5.46802	4.39395	1
cg01646718	FBXL6;GPR172A;FBXL6	0.448782	0.441345	0.623025	-1.60507	0.992932	1.00535	1.00535	0.482321	1.5378	1.5378	0.876669	1.09812	1.09812	0.327603	0.543944	-1.83842	0.2652	0.496688	-2.01333	0.624052	0.74252	-1.34677	0.0503963	0.260786	-3.83456	0.207181	0.448582	-2.22925	1.10617	6.36322	5.11331	1
cg08139074	ZSWIM4	0.448785	0.980301	1.01307	1.01307	0.505503	0.700897	-1.42674	0.81147	0.881883	-1.13394	0.195826	0.486967	-2.05353	0.0694674	0.343646	-2.90997	0.570463	0.739626	-1.35203	0.0569186	0.321956	-3.10602	0.58063	0.745631	-1.34115	0.67774	0.802666	-1.24585	1.10616	4.84743	3.89529	1
cg06534172	DDX39	0.448785	0.51938	1.10454	1.10454	0.0772	0.0552	-1.81249	0.0552	1.02999	1.02999	0.0599749	0.991319	-1.00774	0.0331862	0.142406	-2.92205	0.892953	1.02078	1.020781	0.184618	1.02642	1.026421	0.0493651	1.20647	1.20647	0.169238	1.25077	1.25077	1.10616	0.6428966	0.528636	1
cg03586649	SPG7;SPG7	0.448796	0.970071	0.988826	-1.0113	0.737149	1.10615	1.10615	0.188444	1.51794	1.51794	0.633912	1.153553	1.153553	0.204372	0.669563	-1.49351	0.93815	0.977026	-1.02351	0.52817	1.21095	1.21095	?	?	?	0.114673	0.598205	-1.67167	1.09846	1.38709	1.26276	1
cg23737625	EGFR;EGFR;EGFR;EGFR	0.448801	0.691243	1.13794	1.13794	0.426167	1.44588	1.44588	0.0933948	2.31564	2.31564	0.394015	1.48612	1.48612	0.402033	1.46669	1.46669	0.82515	0.929209	1.076316	0.06885	2.5213	2.5213	0.182677	1.80968	1.80968	0.291827	1.64264	1.64264	1.10613	3.60715	2.88972	1
cg23196123	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	0.448805	0.784455	0.882551	-1.13308	0.328213	0.58389	-1.58389	0.138883	2.06666	2.06666	?	?	?	0.456754	0.2852	3.41252	0.585741	1.28504	1.28504	0.061982	2.60566	2.60566	0.76405	0.871813	-1.14703	0.397432	1.48415	1.48415	1.09844	1.21115	2.92338	1
cg13353683	PTRF	0.448806	0.39494	0.808885	-1.23627	0.870603	1.04048	1.04048	0.644785	1.22681	1.22681	0.66372	0.89898	-1.11237	0.680134	0.90675	-1.10284	0.950963	0.985144	-1.01508	0.610091	1.13341	1.13341	0.0784754	1.79976	1.79976	0.420047	1.22207	1.22207	1.10612	1.03815	0.834267	1
cg16432908	BEND7;BEND7;BEND7;BEND7	0.448807	0.996765	1.00341	1.00341	0.339235	0.43735	-2.2855	0.701386	0.726267	0.644737	-1.55102	0.193496	0.24752	-4.04009	0.06907007	0.12695	-7.8771	0.380024	0.401045	-2.49349	0.0383247	0.443523	-6.95752	0.270256	0.312004	-3.20509	0.633376	0.614119	-1.62835	1.10611	18.0447	14.495	1
cg20879959	HLA-A	0.448824	0.381958	1.54836	1.54836	0.0898153	2.4887	2.4887	0.47568	1.42426	1.42426	0.69604	1.21098	1.21098	0.439639	1.46858	1.46858	0.37068	0.638772	-1.5655	0.399672	1.52254	1.52254	0.508091	0.720819	-1.38731	0.143968	2.14989	2.14989	1.10609	4.16464	3.34685	1
cg01187510	MCAM76	0.448825	0.323601	0.870386	-1.70092	0.185196	0.254306	-3.93227	0.929966	1.08944	1.08944	0.187894	3.89567	3.89567	0.475132	0.209372	-4.77722	0.129724	0.199961	-5.00047	0.176582	0.748601	-1.33591	0.452363	0.474229	-2.10869	0.97411	0.968871	-1.03213	1.10608	16.6355	13.3688	1
cg12812394	PITPNM2	0.44883	0.522916	0.740375	-1.35067	0.0467573	2.87766	2.87766	0.310488	1.62774	1.62774	0.854901	0.918526	-1.0887	0.554538	0.757656	-1.31986	0.89056	0.938085	-1.0665	0.7446	1.43256	1.43256	0.736051	0.8546444	-1.17008	0.41564	0.679589	-1.47148	1.10607	3.77572	3.03433	1
cg00283953	ARL10	0.448844	0.476322	0.819633	-1.22062	0.122456	0.631485	1.58327	0.933255	1.10257	1.10257	0.317151	1.55228	1.55228	0.574496	0.855736	-1.16858	0.735198	0.910983	-1.09772	0.237042	0.722126	-1.40425	0.0441858	0.800243	-1.24932	0.0670995	1.15361	1.15361	1.10605	1.32124	1.08264	1
cg02161084	CD276;CD276	0.44885	0.543374	1.52751	1.52751	0.182524	0.377457	-2.64931	0.217827	0.4095	-2.442	0.849755	1.13951	1.13951	?	?	?	0.920122	0.892676	-1.12023	0.651229	0.59745	-1.67378	0.960659	1.05742	1.05742	0.694661	0.639648	-1.56336	1.10602	22.4412	18.0355	1
cg00897221	CRAMP1L	0.448865	0.834267	0.870193	-1.14907	0.374606	0.745816	-1.34077	0.236358	1.34077	1.34077	0.156356	0.801033	0.801033	0.14934	0.248979	-4.01699	0.443323	0.512604	-1.95083	0.439794	0.193771	1.97334	0.0252249	0.555514	1.80554	0.0155514	0.861336	1.1508	1.10607	0.8090055	0.651307	1
cg02409815	FGF4	0.448866	0.104762	1.48743	1.48743	0.187783	0.728024	-1.37358	0.554343	0.874643	-1.14332	0.717799	0.921937	-1.08467	0.984005	0.995521	-1.0045	0.559978	1.1411	1.1411	0.797144	1.05938	1.05938	0.14515	1.42484	1.42484	0.898419	0.971803	-1.02902	1.106	0.8785078	0.706052	1
cg05444453	HEG1	0.448873	0.121455	2.08653	2.08653	0.0134504	1.37931	1.37931	0.538481	1.14018	1.14018	0.641554	1.29543	1.29543	0.258452	1.47049	1.47049	0.718643	1.12109	1.121095	0.0440956	1.55987	1.55987	0.0731159	1.8823	1.8823	0.219884	2.03852	2.03852	1.10599	0.539353	0.429125	1
cg22489740	NANOS3	0.448875	0.458589	0.830152	-1.20546	0.508672	1.17983	1.17983	0.454866	0.828822	-1.20653	0.714961	1.09468	1.09468	0.197665	1.02516	1.02516	0.990366	0.997027	-1.00298	0.100441	0.641556	-1.55871	0.25409	0.745471	-1.34143	0.0875706	0.628047	-1.59224	1.10598	1.0656	0.856434	1
cg09377855	UBXN6;UBXN6	0.448876	0.933099	0.946789	-1.0562	0.0749146	3.63927	3.63927	0.0440097	4.67261	4.67261	0.866505	0.89622	-1.1158	0.761666	1.21909	1.21909	0.878073	1.01515	1.01515	0.624574	1.3788	1.3788	0.67441	1.31675	1.31675	0.953024	1.03911	1.03911	1.10598	7.42917	5.97089	1
cg04121631	SAMD11	0.448877	0.88671	1.08477	1.08477	0.0997861	1.20445	1.20445	0.0746748	2.20485	2.20485	0.779658	0.851831	-1.17456	0.883629	1.13158	1.13158	0.472171	1.36435	1.36435	0.0842809	2.08058	2.08058	0.0998158	1.72188	1.72188	0.0810484	1.85414	1.85414	1.10598	0.7221807	0.580734	1
cg14773365	HRH2;HRH2	0.448883	0.428703	0.683068	-1.46979	0.689813	0.825942	-1.21074	0.261607	1.74722	1.74722	0.533703	1.35048	1.35048	0.185572	0.512161	-1.95251	0.701258	0.832154	-1.2017	0.0865144	0.450528	-2.46592	0.340108	0.625853	-1.59782	0.88486	1.07151	1.07151	1.10597	3.97995	3.19876	1
cg00262680	AANAT;UBE2D	0.448891	0.8521	0.920503	-1.08603	0.0733939	0.870701	1.14853	0.0773552	1.19123	1.19123	0.562483	0.910534	1.098826	0.381955	0.964207	-1.03724	0.847556	0.902104	1.108262	0.324518	0.65418	-1.52863	0.669992	0.933607	-1.07105	0.561505	0.910516	1.098826	1.10596	0.6648735	0.536059	1
cg09659887	IPO7	0.448888	0.0867052	1.30618	1.30618	0.283726	1.17026	1.17026	0.656649	1.0652	1.0652	0.719061	1.05232	1.05232	0.222791	1.19824	1.19824	0.970284	1.00527	1.00527	0.583158	0.924743	-1.08138	0.19161	0.822701	-1.21551	0.9056331	1.03688	1.01688	1.10596	1.304094	0.280568	1
cg01023395	CHD7	0.44889	0.152239	0.49266	-2.32742	0.359566	1.68014	1.68014	0.228182	2.60713	2.60713	0.929814	1.04972	1.04972	0.458486	0.659804	-1.5156	0.604215	0.749731	-1.33381	0.240107	0.514234	-1.94464	0.287178	1.83812	1.83812	0.760301	0.844887	-1.18359	1.10595	5.31451	4.27143	1
cg00735196	SMAD4	0.448893	0.548868	0.815183	-1.22625	0.0766574	1.09534	1.09534	0.0777107	1.28615	1.28615	0.533253	1.18727	1.18727	0.0731554	1.31768	1.31768	0.41354	1.18229	1.182293	0.0722972	1.30935	1.30935	0.0961604	1.3072	1.3072	0.536204	1.31459	1.31459	1.10596	0.7609208	0.618094	1
cg25375290	GSDMD;GSDMD	0.448903	0.334786	0.740463	-1.35051	0.599911	1.17337	1.17337	0.166872	1.5571	1.5571	0.724747	0.89871	-1.11271	0.195461	1.51225	1.51225	0.236683	0.687614	-1.4543	0.432547	0.785097	-1.27373	0.89132	0.959545	-1.04216	0.374464	1.31703	1.31703	1.10593	1.5983	1.28463	1
cg27478224	FIT2	0.448905	0.189663	0.394184	0.0691824	0.0694546	-4.08748	0.133667	0.209822	3.33531	3.33531	0.870783	0.518884	-1.92684	0.268214	0.651618	-1.53465	0.483853	0.7166	1.1166	0.0854399	0.641	1.5641	0.0241305	0.4225158	2.35631	0.0241305	0.677162	1.47675	1.10593	0.8388908	0.670867	1
cg02339888	L12RB2	0.448908	0.856235	1.0414	1.0414	0.304264	0.788207	-1.2687	0.09705	0.805264	-1.24183	0.611675	1.12134	1.12134	0.3534	1.23811	1.23811	0.405191	1.20986	1.20986	0.157661	1.61634	1.61634	0.349369	0.920203	-1.07619	0.832632	1.04848	1.04848	1.10592	0.876406	0.704417	1
cg27016988	LRRC27;LRRC27	0.448913	0.746349	1.05504	1.05504	0.693537	1.06756	1.06756	0.308954	0.840445	-1.18985	0.394235	1.15495	1.15495	0.236809	0.814963	-1.22705	0.198722	1.25132	1.25132	0.289487	1.19901	1.19901	0.584129	0.91279	-1.09554	0.258875	0.823279	-1.21465	1.10591	0.4773101	0.383645	1
cg20475777	CRPAK	0.448916	0.870879	1.02999	1.02999	0.795845	1.14018	1.14018	0.0774107	1.28301	1.28301	0.533253	1.18838	1.18838	0.0731554	1.31819	1.31819	0.41354	1.18229	1.182293	0.0722972	1.30935	1.30935	0.0961604	1.3486	1.3486	0.536204	1.31459	1.31459	1.10591	0.7609208	0.618094	1
cg13171605	NAPG	0.44893	0.687406	1.08443	1.08443	0.423021	1.17819	1.17819	0.0346079	0.610491	-1.63802	0.782184	0.94598	-1.05711	0.97185	1.0071	1.0071	0.405191	1.20986	1.20986	0.157661	1.61634	1.61634	0.349369	0.920203	-1.07619	0.832632	1.04848	1.04848	1.10592	0.876406	0.704417	1
cg18677716	PCNT	0.448944	0.29263	1.62854	1.62854	0.0132074	0.645455	1.54913	0.0440653	2.30043	2.30043	0.889339	0.583418	-1.71398	0.0153394	0.434579	-2.30102	0.563334	0.74093	1.349319	0.0153394	0.434579	-2.30102	0.0153394	0.434579	-2.30102	0.0153394	0.434579	-2.30102	1.10591	0.7885538	0.626121	1
cg06766427	RICH2	0.448949	0.200174	0.22138	-4.51711	0.408244	0.389646	-2.56643	0.973324	0.963427	-1.03796	0.199894	0.22115	-4.52182	0.108697	0.142347	-7.02508	0.731103	1.46871	1.46871	0.15601	0.184316	-5.42548	0.313736	0.313192	-3.19293	0.629347	1.71926	1.71926	1.10584	21.7445	17.4786	1
cg02259031	G2E3	0.448953	0.254634	0.834185	-1.19843	0.674091	1.0045	1.0045	0.0775449	1.28301	1.28301	0.533253	1.18838	1.18838	0.0731554	1.31819	1.31819	0.41354	1.18229	1.182293	0.0722972	1.30935	1.30935	0.0961604	1.3486	1.3486	0.536204	1.31459	1.31459	1.10591	0.7609208	0.618094	1
cg07736838	C4orf49	0.448955	0.491286	0.891889	-1.12228	0.440748	0.90323	1.11595	0.960327	0.881982	-1.03817	0.723693	0.945861	-1.05981	0.270904	0.732977	-1.36431	0.217101	0.808489	1.23687	0.260606	1.20753	0.83753	0.167474	0.785989	-1.27228	0.379093	1.15915	1.15915	1.10583	0.4691227	0.377095	1
cg11609912	GABRB3;GABRB3	0.448955	0.539576	1.39859	1.39859	0.564754	0.730115	-1.36965	0.772102	0.854826	-1.16983	0.272696	1.85269	1.85269	0.252087	1.90832	1.90832	0.566214	1.3678	1.3678	0.172938	2.18879	2.18879	0.152942	2.28586	2.28586	0.104542	2.60738	2.60738	1.10583	5.10955	4.10718	1
cg22222799	DNAH17	0.448958	0.688263	1.15877	1.15877	0.4145	1.31554	1.31554	0.0197427	1.70859	1.70859	0.7	1.08859	1.08859	0.7	1.16414	1.16414	0.517213	1.97403	1.97403	0.0768209	2.78224	2.78224	0.0124504	3.19258	3.19258	0.0122636	3.36665	3.36665	1.10583	16.979	15.1148	1
cg13946872	BANP;BANP	0.448961	0.848772	1.08464	1.08464	0.765954	0.88069	-1.13547	0.751098	1.14503	1.14503	0.609549	1.24511	1.24511	0.0287421	0.333586	-2.99772	0.645328	0.820989	-1.21804	0.35478	0.666874	-1.49953	0.481488	1.35596	1.35596	0.770922	0.883152	-1.13231	1.10581	3.17233	2.55002	1
cg18166144	PTPRE;PTPRE	0.448962	0.52493	1.14795	1.14795	0.417572	1.1861	1.1861	0.783699	0.948827	-1.05833	0.131134	1.39628	1.39628	0.915373	0.978339	-1.02214	0.559306	0.84789	-1.1921	0.0861274	0.677025	-1.47705	0.49123	1.04274	1.04274	0.40928	1.1899	1.1899	1.10581	0.7471928	0.597561	1
cg05181024	PTK2;PTK2	0.44897	0.30855	0.532028	-1.8796	0.0776202	0.993848	-1.00619	0.0167148	0.785202	-1.27356	0.735724	0.816404	-1.22488	0.0916197	0.709754	-1.40904	0.658285	0.766039	-1.30542	0.195265	0.497993	-2.28314	0.0565621	0.274596	-3.64172	0.942814	1.04389	1.04389	1.1058	6.27921	5.04751	1
cg13001289	NPPSL;PNPSK;UNPSK	0.44898	0.624609	0.741504	-1.34861	0.57862	1.45977	1.45977	0.0518963	1.82439	1.82439	0.68201	1.2838	1.2838	0.497586	0.632347	-1.58141	0.32127	0.537173	-1.8616	0.61021	0.733969	-1.36246	0.434102	1.6222	1.6222	0.531766	1.4683	1.4683	1.10578	6.4406	5.17734	1
cg09239477	SLC46A3;SLC46A3	0.448981	0.416231	1.48256	1.48256	0.187783	0.728024	-1.37358	0.554343	0.874643	-1.14332	0.717799	0.921937	-1.08467	0.984005	0.995521	-1.0045	0.559978	1.1411	1.1411	0.797144	1.05938	1.05938	0.14515	1.42484	1.42484	0.898419	0.971803	-1.02902	1.106	0.8785078	0.706052	1
cg13169484	MIR202	0.449003	0.483619	0.475503	-2.10303	0.416541	2.37989	2.37989	0.332707	2.83903	2.83903	0.461726	2.18671	2.18671	0.142861	0.193117	-5.1782	0.787827	0.754511	-1.32536	0.199688	0.242971	-4.11571	0.667647	1.56999	1.56999	0.314138	2.96541	2.96541	1.10573	19.0955	15.3508	1
cg06260448	MAP3K7IP3	0.449004	0.052563	0.334185	-3.08466	0.740359	0.84372	-1.18523	0.444866	0.816855	1.0375	1.0375	0.805379	0.881466	-1.13447	0.0652836	0.347293	-2.87942	0.776756	0.864773	-1.15637	0.805379	0.909906	-1.09901	0.907111	1.22178	1.22178	0.10573	4.57428	3.67294	1
cg08752431	KLHDC4	0.449004	0.087686	0.658221	-1.51925	0.77803	1.06475	1.06475	0.713716	0.85125	1.08525	0.597727	0.883212	-1.13223	0.579727	0.883212	-1.13223	0.731465	0.70948	1.07948	0.131957	1.43474	1.43474	0.491281	0.832768	-1.20081	0.44992	1.18641	1.18641	1.10573	0.8631193	0.693917	1
cg11959630	SAAL1	0.449006	0.231788	0.543076	-1.84136	0.0852388	0.396032	-2.52505	0.990271	1.53502	1.53502	0.840963	0.906828	-1.10275	0.475167	0.702224	-1.42405	0.252445	1.78948	1.78948	0.746529	0.85396	-1.17102	0.900453	0.940899	-1.06281	0.334647	0.616088	-1.62315	1.10572	4.14982	3.33603	1
cg05157653	ALOX5	0.449008	0.006468	0.561843	-1.78043	0.0740091	1.3136	1.3136	0.0659554	0.880838	-1.13528	0.783205	0.918214	-1.08899	0.673807	0.924784	-1.08144	0.151347	0.674923	-1.48146	0.0615	1.19015	1.19015	0.742356	1.09901	1.09901	0.480778	1.22767	1.22767	1.10572	1.43448	1.15319	1
cg18325315	GTF2IRD1;GTF2IRD1	0.449015	0.165503	0.699432	-1.42973	0.433195	0.824239	-1.21324	0.405693	0.814157	-1.22827	0.998114	1.00057	1.00057	0.157011	0.68919	-1.45098	0.93989	1.01839	1.01839	0.729979	0.91967	-1.08735	0.466299	0.835958	-1.19623	0.0438327	0.571243	-1.75057	1.10571	1.02291	0.82233	1
ch.4.29177408	FNIP2	0.449021	0.560965	0.79905	-1.25149	0.17079	0.573183	-1.74464	0.122834	0.528378	-1.89258	0.427794	0.734231	-1.36197	0.236843	1.60469	1.60469	0.33816	0.686077	-1.45756	0.221472	0.612387	-1.63296	0.929002	1.03459	1.03459	0.976962	0.989041	-1.01108	1.10569	2.54987	2.04989	1
cg16061099	4	0.449023	0.746127	1.05135	1.05135	0.752937	0.95248	-1.04989	0.287222	1.18575	1.18575	0.851913	0.971598	-1.02923	0.280212	1.18485	1.18485	0.457265	0.889838	-1.1238	0.0511605	0.480133	1.40833	0.746927	0.951306	-1.05119	0.3056118	1.17768	1.17768	1.10569	0.416276	0.334653	1
cg00505946	CAMTA1	0.449023	0.801532	1.07203	1.07203	0.594908	0.777394	-1.28635	0.147071	0.560403	-1.78444	0.939349	1.02873	1.02873	0.458556	0.800243	-1.24995	0.521609	1.17256	1.17256	0.0519459	2.12405	2.12405	0.0470984	2.56059	2.56059	0.0380318	2.72423	2.72423	1.10569	2.12958	1.72692	1
cg11418007	GRIN1LA;GCOM1;GRIN1LA;GCOM1;GRI	0.449023	0.873382	1.05492	1.05492	0.17853	1.61474	1.61474	0.201312	1.57209	1.57209	0.144882	0.591612	-1.6903	0.38477	1.34816	1.34816	0.478141	0.785245	-1.27349	0.435059	0.765679	-1.30603	0.963821	1.01532	1.01532	0.649079	1.16551	1.16551	1.10569	1.96814	1.58223	1
cg03074579	RCBTB1	0.449026	0.92846	0.942434	-1.06108	0.743365	1.24223	1.24223	0.31929	1.97295	1.97295	0.645961	1.35717	1.35717	0.252694	0.45438	-2.2008	0.780662	0.831683	-1.20238	0.343662	0.877553	-1.13953	0.0389448	0.84598	0.84598	0.620491	1.30054	1.30054	1.10569	7.63362	6.13687	1
cg15755924	RNF113A;NDUFA1	0.44903	0.219969	0.0887519	-11.2674	0.797188	0.623091	-1.6049	0.836123	0.683559	-1.46293	0.248629	0.29681	0.29681	0.813558	1.54335	1.54335	0.125415	0.0458131	-21.8278	0.147186	0.055698	-17.954	0.664716	2.22893	2.22893	0.862123	1.37611	1.37611	1.12379	58.7547	40.6642	1
cg25568337	ARID1B;ARID1B;ARID1B	0.449033	0.969153	1.01033	1.01033	0.938825	1.12754	1.12754	0.643715	1.2421	1.2421	0.76599	1.35071	1.35071	0.252694	0.74027	-1.35097	0.885852	0.962643	1.03881	0.842359	1.1251	1.1251	0.18167	1.45615	1.45615	0.0678739	1.71955	1.71955	1.10568	1.23088	0.989058	1
cg01203710	CHST12	0.44904	0.71974	1.05054	1.05054	0.252834	1.17755	1.17755	0.0965735	1.28356	1.28356	0.149247	1.23568	1.23568	0.107559	1.27166	1.27166	0.67595	1.05921	1.05921	0.866443	0.97723	-1.0233	0.753801	0.957877	-1.04398	0.843082	0.973244	-1.02749	1.10566	0.3278888	0.263604	1
cg02043585	PIGN;PIGN;KIAA1468	0.449069	0.173711	0.754923	-1.32494	0.328213	0.21888	-2.21888	0.204476	0.73662	1.29682	0.319346	0.880877	-1.13524	0.671722	0.708619	-1.41102	0.621932	0.87157	1.10157	0.182025	0.879068	-1.13757	0.331302	0.887139	1.12655	0.2823832	1.27234	1.27234	1.10566	0.6004204	0.514174	1
cg26716193	3	0.449073	0.704197	1.18794	1.18794	0.0540314	2.93881	2.93881	0.261601	1.7825	1.7825	0.110042	2.29307	2.29307	0.977268	0.986033	-1.01416	0.429134	1.48949	1.48949	0.0871445	0.764034	-1.30879	0.935937	0.955081	-1.04703	0.467566	1.44035	1.44035	1.10559	4.26078	3.43045	1
cg21594463	RPSP	0.449073	0.354337	0.745007	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	FDR	F(Error)
cg23128221	KIAA1530	0.44942	0.951399	1.05054	1.05054	1.057819	1.57591	0.0233456	1.85463	1.85463	0.611825	0.676695	1.47777	0.792637	0.808048	1.25355	0.732467	1.31994	1.31994	0.67742	0.7129	1.40272	0.790588	1.24023	1.24023	0.5614	0.621862	1.608071	1.0349	11.4517	9.21281	1
cg10130900	SLC12A4;SLC12A6;SLC12A4	0.44924	0.506499	0.638538	1.56608	0.0483894	3.56279	1.56279	0.301794	2.03803	2.03803	0.254844	2.20612	2.20612	0.392504	0.558218	1.79141		0.614438	1.40222	1.40222	0.591317	1.43438	1.43438	0.481704	1.63062	1.63062	0.215302	2.38223	2.38223	1.1049	7.75099	6.23567	1
cg02378506	SEC61G;SEC61G	0.44943	0.119535	0.744898	-1.34247	0.387639	0.856943	-1.16694	0.445727	0.873258	-1.14514	0.941794	0.987349	-1.01281	0.387099	1.16715	1.16715		0.121388	0.746173	-1.34017	0.789054	0.954324	-1.04786	0.792396	0.955051	-1.04706	0.29841	1.20674	1.20674	1.10488	0.531927	0.42794	1
cg26886978	TMCO4	0.44943	0.517268	0.855582	-1.16881	0.114534	1.50355	1.50355	0.706457	0.934002	-1.00407	0.780824	0.955871	-1.06852	0.264139	0.758385	-1.31859		0.66259	1.10996	1.10996	0.545226	1.15659	1.15659	0.253984	1.32716	1.32716	0.190155	1.39053	1.39053	1.10488	0.987945	0.794814	1
cg03944444	NECAP2;NECAP2;NECAP2	0.44936	0.178715	0.295112	-3.38855	0.975487	1.02659	1.02659	0.314667	2.43078	2.43078	0.839506	0.840947	-1.18914	0.076868	0.186245	-5.36928		0.367566	0.453545	-2.20485	0.188179	0.303853	-3.29106	0.65199	0.678531	-1.47377	0.652762	0.679164	-1.47264	1.10487	12.7694	10.2732	1
cg07044487	LRRC41	0.44938	0.821519	1.25466	1.25466	0.167663	3.76055	3.76055	0.608413	1.5927	1.5927	0.860157	1.17213	1.17213	0.678899	0.158528	-6.30803		0.802866	0.798286	-1.25268	0.455295	0.504129	-1.98362	0.832119	0.82997	-1.2107	0.285815	0.368464	-2.71397	1.10487	14.1952	11.4203	1
cg11706775	ZFYVE9;ZFYVE9;ZFYVE9	0.44944	0.155453	0.396375	-2.52286	0.803134	1.13821	1.13821	0.640869	1.32757	1.32757	0.966768	0.975213	-1.02542	0.460863	1.57387	1.57387		0.135002	2.67005	2.67005	?	?	?	?	?	0.345292	1.80082	1.80082	1.10469	4.83506	4.37686	1
cg13191036	ZNF7	0.44943	0.363058	0.715511	-1.3976	0.623975	0.836964	-1.19479	0.743925	0.749024	-1.33507	0.105385	0.500697	-1.88431	0.73205	0.884209	-1.13095		0.439916	1.93099	1.93099	0.103262	0.528357	-1.89302	0.152539	0.573675	-1.73108	0.688788	0.86574	-1.15508	1.10486	2.24403	1.80538	1
cg20440387	SPRS6	0.44946	0.200996	2.05588	2.05588	0.747887	0.841895	-1.1878	0.800418	1.14475	-1.14475	0.163147	0.111569	1.61164	0.133958	2.58137	2.58137		0.609249	2.96171	2.96171	0.920442	0.548063	-1.82435	0.772348	-1.29325	0.867666	0.914852	-1.09307	1.10485	4.98321	4.00915	1
cg11385631	MCPH1	0.44947	0.584047	0.881849	-1.13398	0.741441	0.927467	-1.07821	0.156886	0.708701	-1.41103	0.742315	0.927713	-1.07792	0.913088	1.02514	1.02514		0.302969	1.27463	1.27463	0.0614153	1.61484	1.61484	0.917153	0.976615	-1.02394	0.959383	1.01165	1.01165	1.10485	0.904979	0.728086	1
cg01234546	FLNB2	0.44949	0.312622	2.09976	2.09976	0.424888	0.212232	1.60689	0.524617	0.641419	-1.55904	0.955745	1.00914	1.01014	0.227734	2.33054			0.912959	1.92745	1.92745	-1.07858	0.422486	-4.26468	0.728739	1.27234	1.27234	1.10484	8.37492	6.73799	1
cg23394510	GLTP	0.44961	0.759964	0.763015	-1.31059	0.0701345	0.167457	5.97169	0.288222	0.386069	-2.59021	0.809129	0.228122	1.23812	0.138471	1.58457			0.583297	0.61325	-1.63066	0.577019	0.608157	-1.64431	0.251894	0.347687	-2.87615	0.754848	1.31847	1.31847	1.10482	13.6315	10.9672	1
cg23777740	ZIC3	0.44974	0.325398	0.516999	-1.93424	0.212451	2.34711	2.34711	0.46643	0.637862	-1.61848	0.276893	0.208488	2.08488	0.493146	0.636254	-1.5717		0.0986474	0.198462	-5.03874	0.936113	0.357611	-2.79595	0.233388	0.212886	1.98095	0.606285	1.40179	1.40179	1.1048	7.38514	5.94187	1
cg25697726	UBQLN2	0.44975	0.253093	1.344408	-2.90353	0.10135	0.201509	-4.96257	0.236976	0.330743	-3.02349	0.524496	1.78644	1.78644	0.557677	0.588093	1.69807		0.0986474	0.198462	-5.03874	0.936113	0.357413	-2.79595	0.233388	0.212886	1.98095	0.606285	1.40179	1.40179	1.1048	7.38514	5.94187	1
cg12669395	DDR1;DDR1;DDR1 MIER1;WDR78;MIER1;MIER1;MIER1;M	0.44984	0.644776	1.16558	1.16558	0.726934	0.890736	-1.12267	0.208508	0.645586	-1.54898	0.292512	0.143395	0.58724	0.834522	-1.19829			0.306216	0.704947	-1.41855	0.959221	0.983266	-1.01702	1.014533	1.76205	1.76205	0.387698	1.33938	1.33938	1.10478	1.90591	1.53347	1
cg19150666	IER1;MIER1;MIER1;WDR78;MIER1	0.44985	0.461376	0.68579	-1.45817	0.624626	1.28153	1.28153	0.329099	1.6597	1.6597	0.837579	0.901905	-1.10876	0.94225	1.0358	1.0358		0.882554	0.92834	-1.07719	0.238792	1.86001	1.86001	0.0702684	2.76714	2.76714	0.144493	2.19996	2.19996	1.10478	4.42697	3.56188	1
cg23707091	MCM3APAS	0.44985	0.476082	0.849208	-1.12577	0.722892	0.943455	-1.05993	0.718561	0.942552	-1.06095	0.43306	1.13973	1.13973	0.161936	1.26194	1.26194	1.27654	0.790186	0.957341	-1.04467	0.0681703	1.39639	1.39639	0.913152	0.982322	-1.018	0.446212	0.875616	-1.14205	1.10473	0.467622	0.376257	1
cg24423424	MYH9	0.44992	0.541662	2.892634	2.892634	0.39229	0.982302	-1.01802	0.563968	0.615622	0.897402	-1.11433	0.837968	0.91615	-1.09152	0.425579	0.860413	1.16223	0.3508	0.837407	-1.19416	0.103469	1.38969	1.38969	0.312303	1.29903	1.29903	0.411862	1.16766	1.16766	1.10472	0.597366	0.480657	1
cg06623918	KIAA0776	0.44924	0.159764	0.811475	-1.23232	0.697736	1.05577	1.05577	0.43462	0.855063	-1.11724	0.844453	0.973053	-1.02769	0.35047	1.14298	1.14298		0.183077	1.21708	1.21708	0.379217	1.13366	1.13366	0.876755	0.978649	-1.02182	0.196443	1.21021	1.21021	1.1047	0.338347	0.272249	1
cg04486506	UCKL1	0.44937	0.869652	1.83551	-1.09687	0.490015	2.56691	2.56691	0.245516	1.73197	1.73197	0.695125	0.649864	-1.53878	0.094237	0.133944	-7.48817		0.209469	0.235169	-4.25236	0.323666	0.327778	-3.05085	0.77171	1.37481	1.37481	0.634068	0.591708	1.69002	1.5967	20.949	16.8569	1
cg12487162	TEAD1	0.44954	0.260093	0.495722	-2.01726	0.29516	0.522805	-1.91276	0.113991	0.79305	0.79305	0.437413	0.545587	1.43505	0.624422	-1.60921			0.391685	1.68918	1.68918	0.542296	1.44552	1.44552	0.773069	1.18853	1.18853	0.485373	0.654745	-1.52731	1.10466	6.24329	5.02381	1
cg13755018	SYNJ2	0.44953	0.121247	1.39713	1.39713	0.169025	2.89809	2.89809	0.827175	1.428	1.428	0.316899	2.2232	2.2232	0.123136	2.48206	1.85283	1.85283	0.180977	1.93098	1.93098	0.152109	1.05065	1.63393	1.63393	0.184048	2.78912	2.78912	1.10466	9.0216	7.45876	1
cg18733255	JUP;JUP	0.44954	0.118062	4.71006	4.71006	0.777308	1.29554	1.29554	0.961403	1.04518	1.04518	0.103525	0.58253	0.58253	0.743057	1.35037	1.35037		0.419252	2.12469	2.12469	0.23545	0.321284	-3.11251	0.343365	2.43845	2.43845	0.420705	2.11948	2.11948	1.10464	14.5882	11.7389	1
cg11569565	PLXND1	0.44959	0.954835	0.983614	-1.01666	0.864318	0.951334	-1.05116	0.622086	1.1595	1.1595	0.611928	1.16095	1.16095	0.152466	0.828566	-1.2069		0.995115	1.00179	1.00179	0.119222	1.63581	1.63581	0.118755	0.610206	-1.63879	0.201822	0.674927	-1.48164	1.10463	1.48866	1.19791	1
cg25103197	ARHGC7	0.44959	0.794398	1.08552	1.08552	0.743484	2.18884	2.18884	0.375499	0.624785	0.624785	0.158822	0.119707	1.83892	0.0178	2.98832	1.83892	1.83892	0.224868	1.39356	1.39356	0.0441582	0.482757	-2.07143	0.755637	0.777983	-1.28559	0.574353	0.639455	-1.56383	1.0967	0.87406	0.70258	1
cg18727799	C1orf21	0.44995	0.421813	0.493459	-2.02651	0.231215	0.94755	-1.94755	0.46088	1.90827	1.90827	0.784833	0.790119	-1.26563	0.165321	0.279765	-3.57443		0.917434	0.914611	-1.09336	0.529856	0.578216	-1.72946	0.168814	0.283085	-3.53251	0.217766	0.327574	-3.05274	1.10456	12.9614	10.4306	1
cg02871707	LOC100133545	0.44996	0.144408	0.313716	-3.18739	0.213208	0.373949	-2.63609	0.234194	0.398146	-2.51162	0.361123	0.491607	-2.03701	0.157378	0.344527	-2.90244		0.286143	0.440247	-2.2685	0.151393	0.2401	-4.16455	0.0941	0.1043	-9.58624	0.154437	0.629464	-1.58863	0.210455	0.56446	0.47284	1.10455	14.1952	11.4203	1
cg21280618	WBP1	0.44969	0.547306	0.921586	-1.08509	0.693678	0.948305	-1.05451	0.468813	1.10388	1.10388	0.901865	1.00575	1.00575	0.902973	1.28131	1.28131		0.831881	0.971897	-1.02892	0.258505	0.853777	-1.17127	0.835727	0.82823	1.02823	0.12997	1.24523	1.24523	1.10453	0.31452	0.253115	1
cg26032119	ZNF204P	0.44961	0.993033	0.996966	-1.00304	0.147347	1.71773	1.71773	0.764966	1.10996	1.10996	0.376916	1.37093	1.37093	0.44138	1.31412	1.31412		0.559276	0.814272	-1.22809	0.0521206	2.15702	2.15702	0.392449	1.35641	1.35641	0.268321	1.49386	1.49386	1.10452	2.11793	1.70445	1
cg06902027	TAGLN2	0.44964	0.895393	1.08116	-1.08116	0.739349	0.739349	-1.63609	0.234194	0.398146	-2.51162	0.361123	0.491607	-2.03701	0.157378	0.344527	-2.90244		0.286143	0.440247	-2.2685	0.151393	0.2401	-4.16455	0.0941	0.1043	-9.58624	0.154437	0.629464	-1.58863	0.210455	0.56446	0.47284	1.10455	14.1952	11.4203	1
cg01214989	ZNF606	0.44965	0.471213	0.838683	-1.19235	0.523814	1.16774	1.16774	0.460994	1.22748	0.605663	0.882493	-1.13315	0.256421	0.12888	1.32888			0.880175	0.96444	-1.03687	0.146674	0.688041	-1.4534	0.629333	1.12382	1.12382	0.138665	1.46611	1.46611	1.10452	1.00783	0.811073	1
cg15528091	ARRDC2;ARRDC2;ARRDC2	0.44967	0.143887	0.295975	-3.37855	0.0700307	0.124144	8.14555	0.73598	1.37938	1.37938	0.0855973	0.630114	1.58703	0.0178	2.98832	1.83892	1.83892	0.959078	1.04408	1.04408	0.905141	0.402516	-2.48378	0.194599	0.0986018	2.12953	2.12953	1.10452	0.755975	0.619004	1
cg01616340	KCNQ1;KCNQ1	0.44923	0.1989	0.572106	-1.74793	0.495141	0.754312	-1.32571	0.604853	0.806766	-1.23952	0.815459	0.908309	-1.10095	0.128755	0.508993	1.96466		0.841548	0.920961	-1.08582	0.406961	0.705426	-1.41758	0.037134	0.360589	-2.70571	0.929463	0.964235	-1.03709	1.045	2.96003	2.3822	1
cg10746536	PPP1R15A;PPP1R15A	0.44939	0.808968	0.865195	-1.15581	0.669246	1.29313	1.29313	0.58789	0.720736	-1.38747	0.305756	0.528781	-1.89114	0.75239	0.827575	-1.20835		0.693515	1.26732	1.26732	0.318654	0.83201	-1.20182	0.455336	1.57733	1.57733	0.114554	1.54877	1.54877	1.10451	0.153409	0.122569	1
cg12599233	FAM120B	0.44942	0.350964	1.26437	1.26437	0.290756	0.458423	2.18007	0.0972	0.729367	0.646496	0.45331	0.207472	1.53779	0.0178	2.98832	1.83892	1.83892	0.818991	1.20987	1.20987	0.646254	0.540796	-1.84894	0.0203	0.0986018	2.12953	2.12953	1.10451	0.755975	0.619004	1
cg25665528	C16orf79;C16orf79	0.44946	0.774919	1.17688	1.17688	0.296526	1.84941	1.84941	0.0580164	1.37774	1.37774	0.279909	1.89287	1.89287	0.734599	0.824235	-1.21325		0.955646	0.968898	-1.0321	0.639431	0.764869	-1.30741	0.260823	1.94684	1.94684	0.207899	2.12616	2.12616	1.10446	5.64479	4.54304	1
cg08036172	MGLL;MGLL	0.44947	0.910606	1.09863	1.09863	0.81051	0.555	1.80094	0.0178	0.628536	-1.59102	0.429703	0.831456	-1.20291	0.0178	0.628536	-1.59102	0.429703	0.209509	1.49947	1.49947	0.319567	1.37602	1.37602	0.929121	1.33413	1.02763	1.04877	0.749553	0.613413	1.04877	1.02099	1
cg05069909	BMP3	0.44969	0.353634	2.27997	2.27997	0.0548037	5.55977	5.55977	0.839618	1.19124	1.19124	0.762983	0.770137	-1.29847	0.766268	0.773032	-1.29361		0.925582	1.08402	1.08402	0.23625	0.342398	-2.92057	0.667386	1.45259	1.45259	0.264144	2.73232	2.73232	1.10445	13.045	10.4989	1
cg22217533	RNF212;RNF212	0.44953	0.604666	1.3093	1.3093	0.267496	0.550982	-1.81494	0.646006	0.787693	-1.26953	0.785864	1.15087	1.15087	0.668591	1.24884	1.24884		0.491638	1.43394	1.43394	0.0528801	3.1123	3.1123	0.264501	1.82232	1.82232	0.646452	0.787951	-1.26911	1.10444	4.65744	3.74845	1
cg16142952	SMARCB1;SMARCB1	0.44955	0.351839	1.25705	1.25705	0.193758	0.347458	-2.87734	0.127936	0.491489	0.978863	-1.02184	0.418426	0.877345	1.1398	1.25355	1.1398	1.25355	0.347684	0.858109	-1.16535	0.890392	1.02206	1.02206	0.978107	1.20497	1.10444	1.16122	0.258814	1.20497	1.10444	0.858395	0.687151	1
cg25416605	LIPG	0.44962	0.382269	0.422533	-2.36668	0.278099	0.97548	0.95748	0.9565	0.948908	-1.05384	0.963531	1.04494	1.04494	0.402462	0.469215	2.13122		0.932318	1.08509	1.08509	0.840117	0.823488	-1.21435	0.426266	2.18376	2.18376	0.0455754	0.110344	-9.06258	1.10443	16.1682	13.0128	1
cg09500207	SAPS3;SAPS3;SAPS3;SAPS3;SAPS3	0.44962	0.520458	0.765313	-1.30665	0.415105	0.710328	-1.4078	0.459867	1.36202	1.36202	0.917256	1.04359	1.04359	0.0513859	0.402227	-2.48616		0.205315	0.577721	-1.73094	0.3113133	0.650446	-1.53741	0.896337	1.05498	1.05498	0.348251	0.672657	-1.48664	1.10443	2.94891	2.37341	1
cg12636835	SI2lo	0.44963	0.29967	0.640444	-1.5621	0.148855	0.168216	-5.82623	0.386964	0.694502	-1.43988	0.52538	1.29653	1.29653	0.229727	0.554417	-1.8034	0.554417	0.168216	0.74742	0.681851	1.38452	1.38452	0.273177	1.49791	1.49791	0.699798	0.853836	-1.17257	1.10442	2.05771	2.57572	1
cg00241586	PIKFYVE;PIKFYVE	0.44964	0.984289	1.00336	-1.00336	0.953898	0.850238	1.17614	0.115578	1.13908	1.13908	0.6877	1.10761	1.10761	0.0178661	1.27514	1.27514		0.357755	1.1458	1.1458	0.425011	0.870575	-1.14867	0.828535	1.03759	1.03759	0.883863	1.02562	1.02562	1.10442	0.506273	0.407471	1
cg09113139	SORT1	0.44965	0.403566	0.492929	-2.02869	0.150706	0.279521	-3.57755	0.127482	0.255649	-3.91161	0.594826	0.641297	-1.55934	0.83669	1.18628	1.18628		0.85386	1.16486	1.16486	0.752661	0.769787	-1.29906	0.137501	0.37546	0.737649	0.976679	1.06686	1.06686	1.10442	11.9806	9.64257	1
cg07025343	ZDHHC22	0.44969	0.178927	0.377231	-2.64937	0.177231	0.18347	-5.45207	0.0178	0.628536	-1.59102	0.429703	0.831456	-1.20291	0.0178	0.628536	-1.59102	0.429703	0.0916175	0.462294	-2.16335	0.122289	0.159152	-6.28139	0.0178	0.0986018	2.12953	2.12953	1.10441	0.755975	0.619004	1
cg26061355	FDX1	0.44965	0.136198	0.484702	-2.06312	0.930357	0.96134	-1.04022	0.726104	0.853305	-1.17191	0.493055	0.730522	-1.36888	0.050317	0.365543	-2.73566		0.879172	0.933685	-1.07102	0.139844	0.488438	-2.04734	0.958778	0.976956	-1.02359	0.320194	0.629196	-1.58933	1.0444	3.55863	2.8642	1
cg15782622	KCNQ1;KCNQ1	0.44967	0.333302	0.575605	-1.73729	0.279832	0.533972	-1.87274	0.235974	0.508163	-1.96846	0.396448	0.618409	-1.61705	0.0506518	0.291465	-3.43094		0.14968	0.42121	2.37405	0.214412	0.485097	-2.06144	0.0510324	0.587838	-1.70103	0.685501	0.798253	-1.25274	1.0442	5.25383	4.33212	1
cg20529183	MPP2	0.44965	0.553956	1.18872	1.18872	0.582804	1.17368	1.17368	0.316909	1.63534	1.63534	0.182629	1.50431	1.50431	0.0997384	0.999054	-1.00095		0.763377	0.916508	-1.0914	0.510879	0.824839	-1.21236	0.325768	1.44387	1.44387	0.119102	1.62675	1.62675	1.10439	1.45843	1.17385	1
cg15881994	HERC6;HERC6	0.44965	0.479335	1.06941	1.06941	0.505175	1.06513	1.06513	0.85201	0.982629	-1.01768	0.109916	1.17655	1.17655	0.845462	1.01838	1.01838		0.807442	1.02305	1.02305	0.208069	1.13186	1.13186	0.273816	1.11212	1.11212	0.0533758	1.52681	1.52681	1.10438	0.152309	0.122569	1
cg00752315	JPH3	0.44985	0.499489	1.09227	1.09227	0.907351	1.15858	1.15858	0.644493	1.08400	1.08400	0.0995602	1.13122	1.13122	0.782198	0.929202	-1.07599	0.644493	0.941859	1.03982	1.03982	0.859834	0.878995	-1.13766	0.492114	0.828433	1.2071	1.2071	0.859834	0.828433	1.2071	1.10438	0.20547	0.20547	1
cg08930147	LOC283999	0.44969	0.591408	1.27301	1.27301	0.281605	1.64618	1.64618	0.726146	1.16958	1.16958	0.335554	1.55635	1.55635	0.697969	0.840542	-1.18971		0.310223	1.59636	1.59636	0.171305	0.522669	-1.91326	0.0966474	2.25337	2.25337	0.776389	1.13524	1.13524	1.10437	3.47057	2.79341	1
cg26368766	MIR25;MCM7;MCM7;MIR93	0.44978	0.750264	0.846395	-1.18176	0.728466	1.37305	1.37305	0.0178117	4.296	4.296	0.537983	1.34606	1.34606	0.676968	0.74076	-1.35026		0.734266	0.933342	-1.07142	0.0527413	0.640327	-1.5617	0.0636983	0.711174	0.711174	0.0178117	1.40622	1.40622	1.10437	0.761658	0.576995	1
cg03447597	PPP1R7	0.44979	0.823439	-1.96874	-1.05611	0.0504607	0.615683	-1.62421	0.136574	0.705334	-1.41777	0.703603	0.839933	-1.19057	0.188923	0.242709	-4.12016	0.192122	0.245478	0.47369	0.203322	2.91976	2.91976	0.454156	2.17198	2.17198	0.962715	0.0487	1.0487	0.839497	1.22913	1.22913	1.10435	18.1006	14.5691	1
cg26133815	RIY2	0.44970	0.901671	1.03918	1.03918	0.342299	0.737677	-1.35561	0.835691	1.06671	1.06671	0.995725	0.998334	-1.00167	0.0389523	2.10273	2.10273		0.33491	1.36238	1.36238	0.441735	1.27625	1.27625	0.475155	0.797861	-1.25335	0.842521	1.06181	1.06181	1.10435	1.69124	1.36128	1
cg16314291	SERINC2	0.44970	0.327035	0.685081	-1.46008	0.373724	1.09123	-1.1206	0.113015	0.430841	-2.43403	0.276556	1.19021	1.19021	0.0178117	0.703603	0.839933	-1.19057	0.188923	0.242709	-4.12016	0.192122	0.245478	0.47369	0.203322	2.91976	2.91976	1.10435	0.761658	0.576995	1
cg11137277	TARBP1	0.44970	0.572952	0.853077	-1.17223	0.697296	0.896689	-1.11521	0.450973	0.807137	-1.23895	0.821487	0.9389	-1.06508	0.1995	0.685126	-1.45958		0.765015	1.08722	1.08722	0.0254218	0.476609	-2.09815	0.385368	0.780151	-1.2818	0.561776	0.849033	-1.17781	1.10434	1.36119	1.09563	1
cg25518695	NLGN4Y;NLGN4Y;NLGN4Y	0.44978	0.195862	0.707351	-1.41395	0.0715933	0.37991	-2.63271	0.0178	0.628536	-1.59102	0.429703	0.831456	-1.20291	0.0178	0.628536	-1.59102	0.429703	0.50383	0.876293	-1.14125	0.376107	0.481354	-2.07669	0.461106	0.705051	1.41845	1.41845	1.10434	0.374107	0.299844	1
cg03964373	CHML;OPN3	0.44971	0.551392	1.84864	1.84864	0.278873	1.15167	1.15167	0.128834	0.1876	-5.3305	0.865871	1.18811	1.18811	0.720372	0.693165	1.44266		0.452801	2.18105	2.18105	0.12089	0.55631	1.55631	0.578348	0.564143	-1.7726	0.468435	0.212152	2.12152	1.10433	18.1818	14.6348	1
cg12064213	WWC3	0.44979	0.103762	0.264189	-3.78517	0.602416	1.48178	1.48178	0.701596	1.33384	1.33384	0.665416	1.38478	1.38478	0.151909	3.15358	3.15358		0.263017	0.41765	2.39435	0.198483	0.102441	0.161241	0.361161	2.0185	2.0185	0.74411	1.27771	1.27771	1.10431	9.79133	7.88129	1
cg25764190	ZNF575	0.44985	0.754485	0.872206	-1.14628	0.538448	0.766464	1.30481	0.647777	1.06654	1.06654	0.775928	1.04078	1.04078	0.314486	1.15587	1.15587		0.167759	1.22646	1.22646	0.599206	1.0771	1.0771	0.767807	1.04958	1.04958	0.492611	0.907009	-1.10253	1.0431	0.343091	0.276163	1
cg00440551	ADCY3	0.44978	0.214987	0.340402	-2.9377	0.743814	1.31094	1.31094	0.834453	0.841321	-1.18861	0.648541	0.684646	-1.46061	0.223269	0.347676	-2.87624		0.185686	0.31393	-3.18542	0.104315	0.230849	-4.33183	0.105805	0.232566	-4.29985	0.439074	0.521235	-1.91852	1.10429	11.9213	9.59594	1
cg26536766	MIR25;MCM7;MCM7;MIR93	0.44978	0.750264	0.846395	-1.18176	0.728466	1.37305	1.37305	0.0178117	4.296	4.296	0.537983	1.34606	1.34606	0.676968	0.74076	-1.35026		0.734266	0.933342	-1.07142	0.0527413	0.640327	-1.5617	0.0636983	0.711174	0.711174	0.0178117	1.40622	1.40622	1.10429	0.761658	0.576995	1
cg23437597	PPP1R37

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(1247 vs. N)	Fold-Change(1 247 vs. N)	p-value(1377 vs. N)	Fold-Change(1 377 vs. N)	p-value(1477 vs. N)	Fold-Change(3 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5 537 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)
cg15703632	PAX3;PAX3;PAX3	0.450051	0.573192	0.900862	-1.11005	0.465852	0.872745	-1.14581	0.460904	1.14761	1.14761	0.864251	0.969103	-1.03188	0.977749	0.994898	-1.00513	0.914491	1.0206	1.0206	0.75955	0.76693	-1.29882	0.388704	1.17588	1.17588	0.0688959	1.45263	1.45263	1.10365	0.587972	0.473556	1
cg22106284	POM121C	0.450054	0.700034	0.903955	-1.10625	0.397062	0.79757	-1.25381	0.056034	0.568638	-1.75859	0.734468	0.91503	-1.09286	0.605324	0.872871	-1.14564	0.602073	0.871782	-1.14708	0.527257	1.18184	1.18184	0.07465	0.595748	-1.67856	0.614781	0.87603	-1.14151	1.10365	1.18914	0.957743	1
cg13390388	EBF2	0.450063	0.189037	0.265744	-3.76306	0.232006	0.303095	-3.29929	0.729059	0.738077	-1.39261	0.474221	0.49999	-2.00004	0.158975	0.2384	-4.19463	0.183891	0.261146	-3.82928	0.10942	0.186693	-5.27168	0.119683	0.200275	-4.99312	0.416417	0.45337	-2.2057	1.10363	0.858533	12.7702	1
cg00888561	WDFY2	0.450066	0.734421	1.06924	1.06924	0.791505	0.949242	-1.05347	0.226513	1.2836	1.2836	0.045283	1.57079	1.57073	0.400233	1.18448	1.18448	0.878452	1.03055	1.03055	0.270729	0.800680	-1.24892	0.862353	1.03473	1.03473	0.646079	1.09517	1.09517	1.10362	0.675683	0.544213	1
cg26247064	RNF169	0.450068	0.985971	1.01097	1.01097	0.0538433	0.257181	-3.88831	0.0583767	0.26532	-3.76904	0.944607	0.957861	-1.00705	-1.04405	0.451509	0.623349	-1.6094	1.55171	0.688332	-1.45729	0.869101	0.902744	-1.10773	0.888773	0.916853	-1.09069	0.932034	1.05434	1.05434	1.10362	0.67267	0.541753	1
cg04156369	S1PR1;S1PR1	0.450072	0.423638	0.679843	-1.47093	0.738184	0.8535	-1.17165	0.784146	0.878396	-1.13844	0.312807	0.610787	-1.63723	0.258398	0.573008	-1.74518	0.927935	1.04364	1.04364	0.223549	0.546697	-1.82917	0.0378836	0.320839	-3.11683	0.661004	1.23168	1.23168	1.10361	3.89745	3.31914	1
cg17845048	PHF16;PHF16	0.450074	0.158707	0.27983	-3.59866	0.397035	0.465274	-2.1497	0.0227	0.0764224	0.765708	-1.30598	0.118615	0.220695	0.220509	0.823474	0.626053	-1.21081	0.161124	0.280221	-3.56861	0.0238683	-5.5672	0.0153266	0.113963	1.15963	0.709578	1.37436	1.37436	1.10361	12.6284	10.1714	1
cg05879638	CDL22A1	0.450082	0.181333	0.374984	-2.66678	0.994234	1.00501	1.00501	0.922144	0.83665	1.06991	0.778453	1.21526	1.21526	0.178901	0.371908	1.42868	0.458108	0.593181	-1.68583	0.181156	0.334817	-2.66797	0.0599147	0.139554	-4.33737	0.654698	0.732589	1.36502	1.10359	8.35118	6.72645	1
cg25580254	SLC2A3	0.450091	0.633799	0.62352	-1.6038	0.747558	0.72771	-1.37417	0.92397	1.09851	1.09851	0.660277	0.647042	-1.54549	0.892114	1.1429	1.1429	0.738231	0.738834	-1.39114	0.0345263	11.3178	11.3178	0.181927	4.0332	4.0332	0.769354	1.33563	1.33563	1.10358	16.9323	13.6383	1
cg02478149	GAUK3	0.450092	0.119973	0.29262	-3.54764	0.0911	0.0911	0.0911	0.0911	0.0911	0.852967	0.212813	0.188748	0.212813	0.212813	0.188748	0.212813	0.188462	0.18462	-5.41353	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911	0.0911
cg14334389	SPARCL1;SPARCL1	0.450096	0.149206	0.404236	-2.4738	0.567485	1.40275	0.497305	0.101598	0.101598	0.491758	0.664364	-1.5052	0.15478	0.409916	-2.43953	0.280328	1.92935	0.84573	-1.1284	0.511008	1.47758	1.47758	0.251393	1.495717	-2.01728	1.10357	5.99392	4.82792	1
cg18313148	ZNF271;ZNF397OS;ZNF271;ZNF397OS	0.450098	?	?	?	0.291933	0.552046	-1.81144	0.770837	0.856287	-1.16783	0.6024	1.32356	1.32356	0.328634	1.72615	1.72615	0.21582	0.489388	-2.04337	?	?	?	?	?	?	?	1.12515	2.55451	2.27036	1
cg16735509	PRKCZ;PRKCI	0.450111	0.778014	1.2082	1.2082	0.858491	0.887424	-1.12686	0.237143	2.29061	2.29061	0.171233	2.65092	2.65092	0.732976	0.795192	-1.25756	0.0858562	3.56201	3.56201	0.321134	1.98569	1.98569	0.60774	1.41408	1.41408	0.124516	3.04339	3.04339	1.10353	7.82708	6.30466	1
cg09829838	PPP2R5D;PPP2R5D;PPP2R5D	0.450114	0.498042	0.91383	-1.0943	0.338547	0.386186	-2.59424	0.0264457	0.0265161	-2.66261	-1.16787	0.0988025	0.100932	0.100932	0.0388262	-2.57511	0.0818269	0.830511	-1.20408	0.153572	0.878051	-1.13889	0.304308	1.19182	1.19182	0.150755	0.817912	1.22352	1.10353	0.299919	0.241584	1
cg26360048	BEND6;DST	0.450122	0.547788	0.889111	-1.12472	0.640511	1.09514	1.09514	0.609141	0.905156	-1.10478	0.754952	1.06237	1.06237	0.62808	1.09892	1.09892	0.636742	0.912175	-1.09628	0.0233477	0.592368	-1.68814	0.539377	0.886855	-1.12758	0.68365	0.923886	-1.08238	1.10352	0.652587	0.525663	1
cg26545586	CDL11A2;CDL11A2;CDL11A2	0.450122	0.11556	0.242101	-4.13752	0.156955	0.160462	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193	0.0228193	-6.1008	0.0228193
cg13836315	PTGES	0.450133	0.484452	0.805887	-1.24087	0.722758	0.897431	-1.11429	0.0709575	0.54179	-1.84573	0.659922	0.871902	-1.14429	0.362188	0.752367	-1.32914	0.973839	0.990087	-1.01001	0.972831	1.41333	1.41333	0.129625	0.608092	-1.64449	0.530656	0.824279	-1.21318	1.1035	1.62299	1.29929	1
cg02233459	MEGF6	0.450131	0.072051	0.575215	-1.73848	0.951283	1.01697	1.01697	0.50734	0.830889	-1.20353	0.142657	0.647916	-1.54341	0.115524	0.624236	-1.60196	0.415383	0.795101	-1.2577	0.534898	0.841064	-1.18897	0.658469	1.13034	1.13034	0.559327	0.849922	-1.17658	1.1035	1.32577	1.06793	1
cg04851935	PLA2G7;PLA2G7	0.450134	0.385669	1.26089	1.26089	0.208152	0.199154	-5.02169	0.10163	0.59543	-1.6795	0.0429217	1.1035	1.1035	0.0290717	2.59555	2.59555	0.485625	0.831365	-1.2024	0.381179	1.26381	1.26381	0.689844	0.90027	-1.11022	0.178505	0.885496	-1.45349	1.10349	1.18746	0.956524	1
cg26584771	KIAA2022	0.450144	0.092355	0.344725	-2.90087	0.344654	0.571452	-1.74993	0.950301	0.96808	-1.03297	0.137846	0.250573	0.250573	0.647612	1.11695	1.11695	0.210258	0.468137	-2.13613	0.738808	0.824999	-1.21212	0.972394	1.02009	1.02009	0.859343	0.903054	-1.10735	1.10347	5.77578	4.65262	1
cg05149628	DDOST	0.450148	0.604745	1.31122	1.31122	0.614809	0.768507	-1.30122	0.922807	0.937053	-1.06151	0.847195	1.10529	1.10529	0.381101	0.627589	-1.59391	0.663715	1.25485	1.25485	0.0457797	1.28134	1.28134	0.168294	2.14229	2.14229	0.893395	0.932665	-1.0722	1.10346	4.79167	3.79103	1
cg02524941	SYNGAP1	0.450154	0.251576	0.589945	-1.69507	0.378702	0.671731	-1.48869	0.483104	1.36892	1.36892	0.344201	1.53614	1.53614	0.320446	0.636168	1.57191	0.72451	0.855645	-1.16871	0.281447	0.610682	-1.63751	0.191021	1.84038	1.84038	0.539689	1.31463	1.31463	1.10345	3.39222	2.73261	1
cg03900860	MCTS1;MCTS1;MCTS1	0.450171	0.193226	0.121393	-8.23773	0.845579	0.741827	-1.34802	0.990311	0.981574	-1.01877	0.198429	0.81702	0.81702	0.282253	0.53635	0.53635	0.157042	0.0984827	-10.1541	0.294325	0.189031	-5.29103	0.0551963	0.08158	0.08158	0.890831	1.23408	1.23408	1.10342	40.9919	33.0222	1
cg21482345	OLFML2A	0.450179	0.588515	0.8183	-1.22206	0.112404	0.772602	-1.43328	0.0722	0.0722	1.22543	1.22543	1.22543	0.0224	1.92355	0.914286	-1.09356	0.938224	1.01166	1.01166	0.937965	0.949747	-1.05122	0.666881	0.933702	-1.06689	0.424561	0.885201	-1.12969	1.1034	0.390716	0.314756	1
cg00046744	LRP6	0.450192	0.398867	0.689287	-1.45078	0.328006	0.647842	-1.54359	0.810012	1.10934	1.10934	0.628193	1.23397	1.23397	0.163436	0.526886	-1.89794	0.68154	0.837145	-1.19454	0.0493008	0.380353	-2.62914	0.264102	0.605631	-1.65117	0.796102	0.894442	-1.11802	1.1038	3.24333	2.61285	1
cg13771124	ASB18	0.450192	0.529258	0.770537	-1.2978	0.970555	0.988054	-1.01209	0.464854	0.728702	1.38504	0.0813	1.38504	1.38504	0.0813	1.38504	2.61768	0.994607	0.99724	-1.00277	0.918369	0.996403	-1.00374	0.941358	0.999708	-1.00029	0.365828	0.999708	-1.00029	0.365828	1.10346	2.62626	2.15468	1
cg26847229	DNAJC10	0.450192	0.70614	0.08097	1.08097	0.476873	1.5927	1.5927	0.074453	1.50458	0.598745	0.107848	1.00548	0.966301	1.00872	1.00872	1.00872	0.962966	1.00959	1.00959	0.761373	0.939317	-1.0646	0.784782	0.945286	-1.05788	0.930821	0.910801	1.01801	1.10338	0.738232	0.594726	1
cg09589443	C20orf117;C20orf117	0.450208	0.594028	0.731599	-1.36587	0.938975	1.04548	1.04548	0.319236	1.81839	1.81839	0.837014	1.12711	1.12711	0.265263	0.509447	-1.96291	0.451657	0.640527	-1.56122	0.0738359	0.314265	-3.18202	0.279467	0.520395	-1.92162	0.475634	1.52408	1.52408	1.10335	5.8969	4.75072	1
cg08122190	MANSC1	0.450211	0.770537	1.29778	1.29778	1.20687	1.42747	2.45347	0.488778	1.43659	1.43659	0.0911	0.5911	0.5911	0.0911	0.5911	-1.03693	0.818989	0.265902	-3.7609	0.574746	1.4774	1.4774	0.43242	0.576548	-1.73446	0.818961	1.17068	1.17068	1.10333	1.17068	0.95024	1
cg08662665	ZNF536	0.450222	0.635833	0.940926	-1.06278	0.859434	0.874409	-1.14292	0.215975	0.731285	1.18185	0.734885	0.958131	-1.0437	0.252935	0.858622	-1.16466	0.863989	0.978352	-1.02213	0.473272	1.09758	1.09758	0.302709	1.14601	1.14601	0.644334	1.06114	1.06114	1.10332	0.280474	0.2296	1
cg06759097	BAIAP1	0.450222	0.614743	1.19102	1.19102	0.613498	0.726803	-1.21803	0.184707	0.577272	1.06858	0.882203	1.07772	1.07772	0.324858	0.802231	-1.24678	0.840218	0.972128	-1.02738	0.916647	1.03214	1.03214	0.166466	0.960224	1.06025	1.06025	0.676303	0.886008	1.06025	1.06025	0.676303	1.10332	0.98211	1.2742	2.234
cg01023798	SDK1	0.450221	0.042176	0.479234	-2.08666	0.766241	0.910566	-1.09822	0.193373	0.648877	-1.54112	0.233835	0.675556	-1.48026	0.179577	0.638941	-1.56509	0.297557	0.712231	-1.40404	0.676389	0.87642	-1.14101	0.703565	0.886799	-1.12765	0.942238	0.977486	-1.02303	1.10332	1.72558	1.39021	1
cg09457645	RAD51L3;RAD51L3;RAD51L3	0.450234	0.262451	0.70498	-1.41848	0.0903867	0.572185	-1.74769	0.177606	0.651375	-1.53521	0.657539	0.875037	-1.14281	0.538651	0.830059	-1.20473	0.089097	0.570634	-1.75244	0.177767	0.651492	-1.53494	0.321611	0.736117	-1.35848	0.474458	0.804421	-1.24313	1.10329	1.56421	1.26023	1
cg06739873	HOMER3	0.450239	0.376269	0.593858	-1.6839	0.790778	1.16486	1.16486	0.441185	0.637145	-1.5695	0.457813	0.634939	-1.57495	0.0839805	0.333742	-2.99633	0.494876	0.671803	-1.48853	0.206533	0.465509	-2.14819	0.0639876	0.302772	-3.30282	0.674803	0.784916	-1.27402	1.1028	5.75547	4.63704	1
cg26372441	S100A11;S100A11	0.450244	0.120845	0.372934	-2.68324	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852	0.0923852
cg00053073	PDE4C;PDE4C	0.450251	0.435113	0.722615	-1.38386	0.0538731	0.409442	-2.44235	0.199751	0.573986	-1.74222	0.225385	0.594848	-1.6811	0.176872	0.556747	-1.79615	0.773011	1.2523	1.2523	0.319678	0.657349	-1.52126	0.502012	0.757314	-1.32046	0.465002	0.738324	-1.35442	1.10326	2.90837	2.34325	1
cg23652172	AP1M2	0.450263	0.556914	0.824716	-1.21254	0.419434	0.765217	-1.30682	0.922609	1.03202	1.03202	0.364658	1.35277	1.35277	0.085911	0.540309	-1.85079	0.519576	1.23585	1.23585	0.241953	0.672154	-1.48775	0.196968	0.624141	-1.55654	0.885905	1.04767	1.04767	1.10324	1.83846	1.48127	1
cg08823287	TMS4F18	0.450276	0.419751	0.732493	-1.36492	0.75	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
cg14207728	TCTEX1D1	0.450286	0.029662	0.89643	9.89643	0.525937	1.77793	1.77793	0.835964	1.20401	1.20401	0.516969	0.583213	-1.71464	0.474458	0.523738	-1.90935	0.878047	1.1474	1.1474	0.654052	0.667703	-1.49767	0.422683	0.20899	0.20899	0.832202	1.20923	1.20923	1.10319	14.009	11.2876	1
cg18497502	SNW1;C5orf178	0.450294	0.929357	1.07555	1.07555	0.112404	0.772602	-1.43328	0.0722	0.0722	1.22543	1.22543	1.22543	0.0224	1.92355	0.914286	-1.09356	0.938224	1.01166	1.01166	0.937965	0.949747	-1.05122	0.666881	0.933702	-1.06689	0.424561	0.885201	-1.12969	1.1034	0.390716	0.314756	1
cg25948255	CADM2;CADM2	0.450314	0.896385	0.967263	-1.03385	0.795906	0.935928	-1.06846	0.0980222	0.628981	-1.58987	0.856436	0.954791	-1.04735	0.778296	1.07477	1.07477	0.423015	0.811346	-1.23252	0.711663	0.909514	-1.09949	0.295239	1.31956	1.31956	0.0763367	1.604275	-1.65487	1.10313	1.14021	0.918766	1
cg17905091	DPP2C	0.450314	0.587205	0.799311	-1.25155	0.554606	0.705631	-1.64739	0.183968	0.407799	-2.45219	0.569502	0.813983	-1.33586	0.403709	0.738403	-1.35437	1.337187	1.33705	0.747755	0.813987	-1.22943	0.994607	0.99724	-1.00277	0.918369	0.996403	-1.00374	0.941358	0.999708	-1.00029	0.365828	1.10326	2.62626	2.15468	1
cg21752758	KCNB2	0.450319	0.795991	1.03655	-1.03567	0.642219	1.10464	1.10468	0.190772	0.432455	1.10468	0.190772	0.432455	0.358515	0.818143	1.22228	0.146029	1.33935	1.39305	0.897734	0.0229448	0.962966	1.00959	1.00959	0.761373	0.939317	-1.0646	0.784782	0.945286	-1.05788	0.930821	1.10326	0.790948	0.63734	1
cg10692614	ITIH3	0.450322	0.0556938	0.178923	-5.58898	0.804064	0.820951	-1.2181	0.298521	2.35202	2.35202	0.911577	1.09217	1.09217	0.149619	0.293415	-3.40814	0.766444	1.2667	1.2667	0.531121	0.604394	-1.65455	0.810403	1.21017	1.21017	0.801189	0.818517	-1.22172	1.10312	11.0058	8.86842	1
cg18880854	SEPT12;SEPT2;SEPT2;SEPT2	0.450335	0.88298	0.949541	-1.05307	0.626823	0.929259	-1.1656	0.281183	0.70558	-1.41727	0.245437	0.678853	0.678853	0.0911	0.5911	-1.03693	0.129843	0.599443	-1.6682	0.555765	0.83005	-1.20475	0.253889	0.615819	-1.62405	0.773805	0.918819	-1.08851	1.10309	0.70884	0.57701	1
cg24028381	EXOSC4	0.450338	0.82668	0.950289	-1.05231	0.323109	0.26783	0.26783	0.807844	0.944915	-1.05829	0.842996	0.954927	-1.0472	0.503537	0.853982	-1.17098	0.0320033	0.79354	0.502901	0.853776	-1.17127	0.897026	0.970342	-1.03056	0.731127	0.38351	1.08351	1.10309	0.94453	0.761121	1
cg24258047	PPFIA2	0.450345	0.475895	0.883519	-1.13184	0.429098	1.14786	1.14786	0.691074	1.07062	1.07062	0.22526	1.24434	1.24434	0.0518914	0.685134	-1.45918	0.833694	1.03657	1.03657	0.470277	0.882074	-1.13369	0.959319	0.991324	-1.00875	0.915874	0.982112	-1.01821	1.1007	0.509832	0.410837	1
cg07369950	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18 FLJ10038;GABPB1;GABPB1;GABPB1;LOC	0.450353	0.417809	1.2887	1.12887	0.823162	0.754554	-1.32546	0.506215	1.10378	1.10378	0.65985	1.06699	1.06699	0.254729	1.19017	1.19017	0.58215	1.08476	1.08476	0.931628	1.01264	1.01264	0.436123	0.890199	-1.12334	0.281215	1.17817	1.17817	1.10306	0.374417	0.30172	1
cg21411075	C10O129387;GABPB1;GABPB1	0.450363	0.406322	0.516779	-1.93506	0.241405	2.59329	2.59329	0.146542	3.35676	3.35676	0.789373	1.23128	1.23128	0.998779	1.00119	1.00119	0.137835	0.288889	-3.46154	?	?	?	0.935929	1.06447	1.06447	0.720322	0.756256	-1.3223	1.09529	9.31122	8.50118	1
cg07240846	CAMK1D;CAMK1D	0.450365	0.308684	0.387296	-2.58196	0.456568	0.258885	3.13769	3.13769	0.302949	0.254929	-2.81746	0.613668	0.61914	0.61914	0.84051	-1.21606	1.12504	0.840532	1.21601	1.21601	0.547782	0.554073	-1.80482	0.197939	0.74702	0.74702	0.64002	0.51803	0.64002	0.51803	16.4024	13.2663	1
cg14538751	SAP25	0.450368	0.808064	0.945457	-1.05769	0.38549	1.476	1.476	0.571123	1.28464	1.28464	0.883064	0.937623	-1.06653	0.0367182	0.345758	2.89219	0.531483	0.757772	-1.31966	0.27598	0.609016	-1.64199	0.788883	0.889192	-1.12462	0.772902	1.13499	1.10303	3.3454	2.69593	1
cg25303427	FLNC;FLNC	0.450378	0.5659	1.3844	1.3844	0.251491	1.95715	1.95715	0.527829	1.43119	1.43119	0.23713	2.02028	2.02028	0.354056	1.70644	1.70644	0.391214	1.63622	1.63622	0.088086	0.348217	-2.87177	0.725338	1.2186	1.2186	0.777197	0.852989	-1.17235	1.10301	5.48783	4.42252	1
cg10135224	RNPC3	0.450382	0.955666	1.09627	1.09627	0.240207	0.780915	1.52595	1.52595	0.0863786	2.62643	0.855283	1.01015	1.01015	0.0767658	2.64643	2.64643	0.958434	1.02955	1.02955	0.405727	2.2464	2.2464	0.879388	1.09881	1.09881	0.663141	0.782334	-1.27923	0.9668	0.455237	0.66851	1
cg10797737	C14orf80;C14orf80;C14orf80	0.450387	0.390657	0.649127	-1.54053	0.0327384	0.293061	-3.41226	0.786092	0.874903	-1.14298	0.370616	1.57094	1.57094	0.626667	0.785979	1.2723	0.551954	0.744052	-1.34399	0.292224	0.584578	-1.71064	0.572272	0.755522	-1.32359	0.989366	1.00657	1.00657	1.10299	4.21629	3.39787	1
cg01387230	KIR2DL1;KIR2DL1;KIR3DP1	0.450389	0.564563	1.2716	1.2716	0.224773	0.704205	1.7409	1.7409	0.0522705	2.74479	0.603171	1.22039	1.22039	0.0437264	2.74479	2.74479	0.0511432	1.92024	1.92024	0.0139314	3.37332	3.37332	0.0290553	3.37208	3.37208	0.0139314	3.37208	3.37208	0.0139314	3.37208	3.37208	0.0139314	3.37208	3.37208	0.0139314
cg21652832	C17orf76;C17orf76	0.450396	0.746759	1.0759	1.0759	0.026406	1.81205	1.81205	0.809666	1.056	1.056	0.481944	0.850962	-1.17514	0.763791	0.934211	-1.07042	0.672864	1.10064	1.10064	0.329871	1.2549	1.2549	0.940254	1.01707	1.01707	0.443892	1.19275	1.19275	1.10297	0.890707	0.717823	1
cg14973366	FLNA;FLNA	0.450402	0.206974	0.414465	-2.41275	0.847945	1.13546	1.13546	0.510045	1.55619	1.55619	0.157188	2.72151	2.72151	0.177426	2.58219	2.58219	0.207901	0.415529	-2.40795	0.885007	0.908671	-1.10051	0.759143	1.22572	1.22572	0.832162	1.15079	1.15079	1.10296	7.65091	6.16596	1
cg07581365	CBX8	0.450405	0.80448	0.944644	-1.05913	0.0547858	0.0547858	0.709226	0.0923389	0.0923389	0.688795	-1.45103	0.158188	0.158188	0.752928	1.17473	1.17473	0.605279	0.915264	-1.09255	0.711692	1.12783	1.12783	-1.40295	0.416192	0.806637	-1.23955	0.749571	0.914991	-1.09366	0.495171	0.393066	1
cg12855008	DGCR6;DGCR6	0.450441	0.448863	1.28051	1.28051	0.630729	1.16786	1.16786	0.809814	1.08031	1.08031	0.40069	1.31732	1.31732	0.699295	0.883068	-1.13242	0.773586	1.09682	1.09682	0.171442	0.627213	-1.59436	0.335747	1.17439	1.17439	0.0606067	1.93592	1.93592	1.10295	1.79296	1.44499	1
cg04504615	ELMO1;ELMO1	0.450452	0.863582	0.970883	-1.03037	0.963755	1.02521	1.02521	0.264422	1.89122	1.89122	0.302295	1.61625	1.61625	0.564408	0.732797	-1.37368	0.543072	0.713127	-1.40228	0.137262	0.626085	-1.59736	0.0990494	0.373452	-2.67773	0.808781	1.14204	1.14204	1.10293	5.24209	4.22492	1
cg04181150	RYR3	0.450456	0.967697	0.990377	-1.00972	0.144255	1.45432	1.45432	0.626077	1.1244	1.1244	0.475645	0.840965	-1.18911	0.850206	1.04618	1.04618	0.448827	0.816988	-1.22037	0.0589963	0.601005	-1.66388	0.67622	0.904577	-1.10549	0.840421	0.953	1.04932	1.10293	0.995961	0.802676	1
cg02218768	ZBTB7A	0.450421	0.907926	0.958493	-1.0433	0.0203314	0.278665	2.78665	0.33928	1.43461	1.43461	0.444898	1.33024	1.33024	0.632566	1.19303	1.19303	0.81689	1.0887	1.0887	0.521059	1.26913	1.26913	0.403623	1.36772	1.36772	0.436723	1.33738	1.33738	1.10292	2.34517	1.89007	1
cg15399413	CAPZA2	0.450425	0.942

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Probeset ID	UCSC_REFGENE_NAME CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1137 vs. N)	Fold-Change(1 vs.1137)	p-value(1147 vs. N)	Fold-Change(1 vs.1147)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1347 vs. N)	Fold-Change(1 vs.1347)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5437 vs. N)	Fold-Change(5 vs.5437)	p-value(5537 vs. N)	Fold-Change(5 vs.5537)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)	SS(Test)	SS(Error)	df
cg03257708	AMK2B;CAMK2B;CAMK2B;CAMK2B	0.450775	0.447503	0.666964	-1.49933	0.317574	0.582462	-1.71685	0.629265	0.775309	-1.28981	0.180357	2.10486	2.10486	0.0987895	0.387925	-2.57782		0.447864	1.49883	0.642496	0.783039	-1.27708	0.540277	1.38313	1.38313	0.60637	0.761917	-1.31248	1.10222	4.77796	3.85319	1
cg11090409	KRTB3	0.450777	0.345892	0.798009	-1.25312	0.441784	0.833343	-1.19999	0.207384	0.734157	-1.36211	0.493795	1.1753	1.1753	0.520348	1.16353	1.16353		0.79947	1.06095	1.06095	0.816216	0.947324	-1.0556	0.0538894	0.601276	-1.66313	0.873718	1.03766	1.03766	1.10222	0.943143	0.760601	1
cg15115986	C1orf112;C1orf156	0.450782	0.277805	1.41091	1.41095	0.133116	1.63928	1.63928	0.133692	0.348071	1.3422	1.3422	0.260932	1.42997	0.337652	0.739681	-1.35192		0.969939	1.01156	1.01156	0.933052	1.02596	1.02596	0.35194	1.33938	1.33938	0.127345	1.65357	1.65357	1.10221	1.62434	1.30997	1
cg06538238	GABBR1;GABBR1;GABBR1	0.450785	0.197902	0.509776	-1.96165	0.625182	0.780573	-1.27604	0.161508	2.09643	2.09643	0.85973	1.09153	1.09153	0.210981	0.520731	-1.92038		0.447086	0.681364	-1.46764	0.348686	0.464456	-2.15305	0.859757	1.09151	1.09151	0.992993	0.995662	-1.00436	1.1022	4.27905	3.4509	1
cg26858096	WDR62	0.450787	0.442255	1.25927	1.25927	0.187574	0.663035	-1.50822	0.258996	0.707156	-1.41411	0.240097	0.696344	-1.43607	0.816319	1.07086	1.07086		0.996041	1.00146	1.00146	0.989141	1.00401	1.00401	0.332361	0.740906	-1.34211	0.0837422	0.569425	-1.75616	1.1022	5.11126	2.21878	1
cg20223162	DAXX;DAXX;DAXX;DAXX	0.450793	0.280815	2.6301	2.6301	0.0440928	7.94529	7.94529	0.971196	0.969751	-1.03119	0.561609	1.65078	1.65078	0.905481	0.903874	-1.10635		0.423188	2.01617	2.01617	0.888805	1.12641	1.12641	0.575887	0.617211	-1.62019	?	?	?	1.13611	1.1022	5.27665	1
cg19071627	ARPC1A	0.450794	0.753164	1.66722	1.66722	0.0429703	0.667408	0.666656	-1.15386	0.939598	1.57317	1.57317	0.477074	0.871416	-1.14756	0.997687	0.999448	-1.00055		0.25696	1.25263	1.25263	0.692659	0.927153	-1.07857	0.79234	1.66328	1.66328	0.56503	1.1171	1.1171	1.10218	0.632698	0.55026	1
cg04822621	LCP2;LCP2	0.450798	0.691349	1.20168	1.20168	0.291818	1.65458	1.65458	0.844322	1.09473	1.09473	0.879612	0.942602	-1.07227	0.480408	1.39124	1.39124		0.424948	1.45516	1.45516	0.0257917	1.38304	1.38304	0.1726	1.07326	0.57445	0.770134	-1.29848	1.10218	3.69979	2.98382	1
cg05308895	MP2L1;MP2L1;MP2L1 PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;P	0.450803	0.75516	0.953808	-1.04843	0.640817	1.07362	1.07362	0.85398	1.02824	1.02824	0.255061	0.835564	-1.1968	0.624964	0.928225	-1.07733		0.369215	0.869859	-1.14961	0.0270926	0.673294	-1.48523	0.778042	0.958177	-1.04365	0.904228	1.01836	1.01836	1.10217	0.398979	0.321773	1
cg16617774	PPP2R2B;PPP2R2B	0.45082	0.316496	0.71704	-1.39462	0.124002	0.586034	-1.70639	0.167907	0.623718	-1.60329	0.987847	1.32055	1.32055	0.673281	0.87462	-1.14335		0.471744	0.790474	-1.26506	0.126628	0.582343	-1.7172	0.495434	0.800652	-1.24898	0.831768	1.07072	1.07072	1.10214	1.80082	1.45239	1
cg04919601	TNN3K;TNN3K	0.4508261	0.354321	0.664614	-1.50572	0.857101	0.977036	-1.02313	0.402312	0.868133	-1.1519	0.583832	0.788525	-1.26819	0.0377211	0.355192	-2.81538		0.283289	0.619537	-1.61411	0.541991	0.656479	-1.52328	0.489734	1.34305	1.34305	0.306497	0.634642	-1.57569	1.10212	3.21967	2.55674	1
cg08356805	CBFA2T3;CBFA2T3	0.4508365	0.916485	1.04147	1.04147	0.0319924	1.55397	1.55397	0.847385	1.0102	1.0102	1.10212	0.407375	1.53375	1.53375	0.662513	0.880211	-1.24811		0.877319	0.925001	-1.08108	0.77732	1.15384	1.15384	0.192033	2.00759	2.00759	0.363303	1.60241	1.60241	1.1022	4.44557	3.58553	1
cg00101062	C5orf34	0.450839	0.120307	0.079606	-12.5518	0.513128	0.369452	-2.70671	0.451082	0.315751	-3.16705	0.858371	1.30757	1.30757	0.563944	0.417481	-2.39532		0.338244	0.227162	-4.40214	0.827694	0.720892	-1.38717	0.0688763	0.0470451	-21.2562	0.364741	0.04813	0.04813	1.1021	39.3433	31.732	1
cg10358007	RPL36;RPL36	0.450845	0.632408	0.901563	-1.10918	0.230244	0.79104	-1.2642	0.933292	1.08995	-1.01845	0.199702	0.747325	-1.3382	0.300194	0.883197	-1.01902		0.165706	0.727749	-1.3741	0.566083	1.13284	1.13284	0.457585	1.17663	-1.17663	0.165013	1.37502	1.37502	1.10209	0.80701	0.650895	1
cg14094347	QSOX2	0.450846	0.302738	0.428126	-2.33576	0.29103	0.418661	-2.38857	0.983919	0.984112	-1.01614	0.645073	0.691721	-1.44567	0.211172	0.351049	-2.8486		0.179094	0.321694	-3.10855	0.0846651	0.219717	-4.55131	0.300317	0.239153	-4.18143	0.761424	0.785072	-1.27377	1.1022	11.028	8.8899	1
cg21092928	KCNQ2;KCNQ2	0.450851	0.376652	0.829691	-1.21111	0.848735	0.960489	-1.04114	0.218312	1.3149	1.3149	0.733204	0.930313	-1.07491	0.454384	1.17455	1.17455		0.170875	1.3605	1.3605	0.150192	1.42732	1.42732	0.583393	0.889646	-1.12424	0.60102	0.894586	-1.11784	1.1022	0.377973	0.627482	1
cg04672538	ARSG;SLC16A6	0.450854	0.478951	1.74812	1.74812	0.421394	0.527625	-1.89529	0.270967	0.485134	-2.46832	?	?	?	?	0.206664	0.344721	2.88416	?	?	?	0.906204	0.913371	-1.09485	0.884909	0.894735	-1.11765	0.204043	2.90521	2.90521	1.59129	7.72334	4.75804	1
cg09791746	ADAMTSL5	0.450855	0.47231	1.76781	1.76781	0.839852	0.854113	-1.1708	0.766734	0.793069	-1.26092	0.299518	2.31163	2.31163	0.647844	1.43104	1.43104		0.571935	1.56068	1.56068	0.0986623	0.243835	-4.10113	0.147526	0.297865	-3.35723	0.563135	1.58047	1.58047	1.10207	10.6013	8.55063	1
cg05338666	KK	0.450863	0.224559	0.192978	-5.18393	0.193743	0.238372	-4.19199	0.786044	0.709925	-1.4086	0.182366	5.94172	5.94172	0.0178256	2.02786	2.02786		0.150412	0.143575	-6.96494	0.0417266	0.153826	0.153826	0.0177205	1.428	1.428	0.717501	0.632872	1.5801	1.10205	27.6715	22.3193	1
cg13187188	GPR152	0.450869	0.45687	0.597165	-1.67458	0.4528	1.68272	1.68272	0.553437	0.50366	1.50366	0.850378	0.87942	-1.13711	0.110172	0.305851	-3.26957		0.522433	0.643336	-1.5544	0.167926	0.367894	-2.71818	0.134442	0.333479	-2.99869	0.954399	1.03968	1.03968	1.10204	0.88077	0.51784	1
cg16315447	RBM15	0.450878	0.166326	0.0659155	-14.461	0.438366	0.219218	-4.56195	0.753899	0.541853	-1.84552	0.163712	1.4735	1.4735	0.190788	0.854501	-1.17027		0.104327	0.0401988	-24.8764	0.665847	0.455546	-2.19558	0.102855	0.155826	-6.41741	0.896123	0.789436	-1.26673	1.1022	57.3838	46.1244	1
cg25874079	RUIM;RUIM	0.450883	0.205743	0.328308	-3.04592	0.989181	0.98875	-1.01138	0.903532	1.10646	1.10646	0.164197	3.45047	3.45047	0.309746	2.40381	2.40381		0.104249	0.227199	-4.40143	0.753967	0.769252	-1.29996	0.852172	1.16842	1.16842	0.932368	1.07339	1.07339	1.10201	12.1513	9.80133	1
cg03760035	TIAM1	0.450894	0.997361	1.00267	1.00267	0.0440961	0.63532	0.635532	0.0800296	0.7747	4.7747	0.286398	2.43777	2.43777	0.440704	1.9992	1.9992		0.555158	1.6167	1.6167	0.576703	1.57446	1.57446	0.581443	1.56543	1.56543	0.759249	1.28072	1.28072	1.10199	11.3072	9.12065	1
cg26290716	CCDC88C	0.450896	0.332623	0.749559	-1.33396	0.0477136	0.263107	-3.79899	0.0195125	0.409153	-2.44412	0.175744	1.09523	1.09523	0.0139194	0.883197	-1.13206		0.367775	0.727749	-1.3741	0.566083	1.13284	1.13284	0.457585	1.17663	-1.17663	0.165013	1.37502	1.37502	1.10209	0.80701	0.650895	1
cg18308184	KCNIP4;KCNIP4	0.450897	0.833052	0.869693	-1.14983	0.13654	2.88903	2.88903	0.945186	0.95554	-1.04653	0.483561	0.592979	-1.6864	0.387124	0.556356	-1.79741		0.1898	0.399092	-2.50569	0.576872	1.45184	1.45184	0.183375	2.55609	2.55609	0.738828	1.24772	1.24772	1.10198	7.63539	6.15891	1
cg07480373	MRI1	0.450901	0.321759	0.587329	-1.70301	0.626122	0.7938	1.2038	0.838092	1.2038	1.2038	0.838092	1.42404	1.42404	0.660963	1.16704	1.16704	0.485642	0.682783	1.4544	1.4544	0.0178996	0.886788	1.1088	1.1088	0.0178996	0.886788	1.1088	1.16832	0.990239	0.627541	1.43598	0.894322	4.84842	3.94322	1
cg03021496	OGFRL1	0.450911	0.283671	1.78668	1.78668	0.313099	1.72227	1.72227	0.274473	1.87884	1.80844	0.295446	1.76	1.76	0.169037	2.14572	2.14572		0.0751574	2.80796	2.80796	0.442615	1.50366	1.50366	0.102607	2.5361	2.5361	0.728826	1.19882	1.19882	1.10196	17.1871	3.82198	1
cg10213626	TRIM39;TRIM39	0.450916	0.296864	1.57799	1.57799	0.214133	1.73609	1.73609	0.682493	1.18942	1.18942	0.283752	1.59949	1.59949	0.439315	1.39468	1.39468		0.326676	1.53277	1.53277	0.0663049	2.38374	2.38374	0.1332	1.98023	1.98023	0.725472	0.861834	-1.16032	1.10194	3.1044	2.50418	1
cg09488173	DUSP6;DUSP6	0.450919	0.575382	0.913548	-1.09477	0.0662174	1.25716	-1.2599	0.198484	0.796027	1.25597	0.180017	1.22444	1.22444	0.476901	2.09697	2.09697	-1.00304	0.476901	2.09697	-1.00304	0.476901	2.09697	-1.00304	0.476901

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1-p-value|1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-p-value(105T vs. N)	p-value(111T vs. N)	Fold-Change(1-p-value(111T vs. N)	p-value(112T vs. N)	Fold-Change(1-p-value(112T vs. N)	p-value(121T vs. N)	Fold-Change(1-p-value(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(1-p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(1-p-value(353T vs. N)	p-value(527T vs. N)	Fold-Change(1-p-value(527T vs. N)	p-value(563T vs. N)	Fold-Change(1-p-value(563T vs. N)	F(Error	F(Treat	SS(Test)	SS(Error)	SS(Interaction)	
cg23990648	NFIA;NFIA;NFIA;NFIA	0.451463	0.596689	1.16039	0.470155	1.22711	1.22711	0.390216	1.27794	1.27794	0.287946	1.35976	1.35976	0.116887	0.6222	1.6072														
cg26099138	TMEM108;TMEM108	0.451469	0.700353	1.05164	1.05164	0.557781	1.07981	1.07981	0.233582	0.851839	1.17393	0.244041	0.853246	1.17199	0.792732	0.96629	1.03489													
cg27370344	CUL2	0.451483	0.497727	0.698601	-1.43143	0.425059	1.52871	1.52871	0.357366	0.610678	-1.63752	0.166237	2.15795	2.15795	0.564575	0.738285	-1.35449													
cg21668923	ADAM12;ADAM12;ADAM12;ADAM12;ADAM12	0.451485	0.63595	0.802614	-1.24593	0.431085	1.44853	1.44853	0.771234	1.1439	1.1439	0.430847	0.6902133	-1.44883	0.45126	0.701927	-1.42465													
cg07517145	LCK	0.451497	0.885043	1.05987	0.769955	0.888817	-1.12509	0.119292	0.506881	-1.97285	0.986929	1.00661	1.00661	0.086606	2.13999	2.13999														
cg10901826	MYO5C	0.451503	0.09310219	0.283606	-1.52602	0.144468	0.343245	-1.02337	0.495668	0.623811	-1.66305	0.470454	0.606018	-1.65012	0.08988652	0.279364	-1.57956													
cg14377791	LOC400696	0.451503	0.0852146	0.367818	-2.71874	0.526562	0.713733	-1.40108	0.125806	0.41868	-2.38846	0.501806	0.6988873	-1.43087	0.131815	0.425311	-2.35122													
cg07238600	FGF14;FGF14	0.451525	0.215325	0.415862	-1.62466	0.629149	1.40527	1.40527	0.712807	0.772385	-1.29486	0.158548	0.345619	-2.89344	0.602436	0.692664	-1.44474													
cg12388760	LGL1	0.451537	0.606686	1.07223	1.07223	0.379139	1.13129	1.13129	0.866015	0.715768	0.975189	0.254544	0.129907	1.24642	1.24642															
cg09527021	TADA1	0.451554	0.883125	0.978938	-1.02152	0.862422	0.975213	-1.02542	0.770045	1.04333	1.04333	0.173842	0.811094	-1.2329	0.27997	1.17648	1.17648													
cg02899960	GLG1;GLG1;GLG1;GLG1;GLG1	0.451563	0.0359488	0.179128	-3.39269	0.788544	0.928328	-1.10088	0.761431	1.11397	1.11397	0.573117	0.815813	-1.2259	0.384538	1.37546	1.37546													
cg05194726	NRIP2	0.451567	0.774706	0.901048	-1.10982	0.114231	1.86603	1.86603	0.468501	1.30705	1.30705	0.239851	1.56339	1.56339	0.149348	1.28595	1.28595													
cg14605559	C14orf174;TMED8	0.451568	0.785424	0.954243	-1.04791	0.918381	1.01479	1.01479	0.608524	1.09571	1.09571	0.247104	1.20081	1.20081	0.564524	1.10513	1.10513													
cg13649330	CRAT;CRAT	0.451656	0.209755	0.691001	-1.44718	0.699763	1.11444	1.11444	0.422226	0.795147	-1.25763	0.48585	0.820363	-1.21897	0.895758	1.03733	1.03733													
cg23986186	BCYRN1;TAF1;TAF1	0.451656	0.081905	0.512927	-1.94959	0.794551	0.509557	-1.96249	0.792271	0.91283	-1.09549	0.753422	1.11531	1.11531	0.355834	0.719507	-1.38967													
cg07723558	SLC24A4	0.451657	0.09236211	0.291811	-3.42931	0.546605	0.990767	-1.00932	0.953897	1.14194	1.14194	0.566561	0.929546	-1.08337	0.244947	1.18102	1.18102													
cg12165338	GSPT2;GSPT2	0.451658	0.242948	0.174914	-5.7171	0.757029	1.55707	1.55707	0.887829	1.22308	1.22308	0.14289	0.457651	0.457651	0.140111	0.63035	0.63035													
cg08225512	STK16;STK16;GLB1L	0.451661	0.750716	0.784852	-1.2361	0.986076	0.987507	-1.01265	0.270468	2.26016	2.26016	?	?	?	0.473291	0.591309	-1.69116													
cg03515290	CRAMP1L	0.451845	0.9983145	1.00056	0.00643617	1.63492	1.63492	0.771599	1.07108	1.07108	0.96029	1.01196	1.01196	0.154023	1.1596	1.1596														
cg08605991	SIAH3 PTGER3;PTGER3;PTGER3;PTGER3;PTGE R3;PTGER3;PTGER3;PTGER3;PTGER3;PT	0.451568	0.298496	0.475047	-2.10506	0.577466	1.47509	1.47509	0.130451	0.3899	0.3899	0.780598	1.21272	1.21272	0.839408	0.869226	-1.15045													
cg00915178	GER3	0.451578	0.0865473	0.594691	-1.68155	0.435046	1.24437	1.24437	0.813116	0.937057	-1.06717	0.461214	0.813895	-1.22866	0.249871	0.718848	-1.39111													
cg20706620	MRPS31	0.451588	0.682624	1.04722	1.04722	0.759839	1.03501	1.03501	0.452257	1.08975	1.08975	0.437498	0.914945	-1.09296	0.06092213	0.78893	-1.26754													
cg14583675	ABCG5	0.451604	0.116909	0.468788	-2.13316	0.161544	1.94436	1.94436	0.551699	1.30713	1.30713	0.774271	0.879946	-1.13643	0.444215	0.706856	-1.41472													
cg27003255	LRP5	0.451605	0.5593449	0.719258	-1.39051	0.774405	1.54335	1.54335	0.183384	1.03545	1.03545	0.979442	1.00046	-1.12815	0.037505	0.514304	-1.94457													
cg15997906	FAM183A	0.451608	0.6353127	0.859448	-1.16354	0.995694	1.00171	1.00171	0.401466	1.31293	1.31293	0.821969	1.07407	1.07407	0.985603	1.00574	1.00574													
cg04197347	MAGI1;MAGI1;MAGI1	0.451617	0.5697272	1.07185	1.07185	0.334408	1.03472	1.03472	0.163283	0.825288	1.05208	0.648669	0.9087	1.381	0.338211	0.670384	-1.49235													
cg09238520	INPP4B;INPP4B	0.451625	0.1690051	0.220221	1.20022	0.873461	0.945016	-1.05818	0.118388	0.547966	-1.82493	0.272125	0.665675	-1.50021	0.353826	1.40282	1.40282													
cg00414568	WHSC1;WHSC1;WHSC1;WHSC1	0.451619	0.1692	0.37965	-2.63401	0.666108	1.33251	1.33251	0.764137	0.819563	-1.22016	0.933887	1.0564	1.0564	0.0382532	0.204347	-4.89363													
cg24474622	C7orf50;C7orf50;C7orf50	0.451625	0.800279	1.06115	1.06115	0.617581	1.08344	1.08344	0.510223	1.00023	1.00023	0.9744	1.00754	1.00754	0.0134403	0.512029	-1.95301													
cg17141370	ZC3H11A	0.451636	0.0901134	0.434019	-2.30405	0.287933	0.610828	-1.63712	0.348703	0.649792	-1.53895	0.778814	1.13408	1.13408	0.252466	0.586165	-1.706													
cg05490924	LOC153534;LBX2	0.451641	0.0927105	0.394757	-2.53405	0.807824	0.885157	-1.12972	0.314093	0.650169	-1.5394	0.426604	0.649713	-1.54073	0.191353	0.503198	-1.98763													
cg10514658	TBC1D9	0.451647	?	?	?	?	?	0.139622	0.268697	-3.72167	0.29797	0.41199	-2.42725	?	?	?	?													
cg03093398	G3BP2;G3BP2;G3BP2;G3BP2;G3BP2	0.451649	0.853078	0.958737	-1.04274	0.3518	1.24502	1.24502	0.640132	0.11363	1.11363	0.412648	0.12114	1.22114	0.66857	1.10351	1.10351													
cg08735279	ULK1	0.451654	0.4073225	0.790577	-1.36503	0.478355	0.744135	1.34335	0.411299	0.38347	1.38347	0.59371	0.384741	1.18514	0.509437	0.840043	-1.18397													
cg03987605	SDCCAG8	0.451667	0.0795076	0.0995297	-10.0471	0.80933	1.33184	1.33184	0.845566	1.26007	1.26007	0.761671	0.697269	-1.43417	0.0472111	0.0677598	-14.758													
cg08325885	PPP3CC	0.451665	0.745901	1.0994	1.0994	0.0999	1.08563	1.08563	0.113455	0.65144	0.65144	0.452257	0.799958	-1.25018	0.289353	1.0413	1.0413													
cg17997325	MFSD9	0.451675	0.1447	0.785737	-1.27269	0.826487	0.966772	-1.03437	0.447775	1.12647	1.12647	0.10763	0.762964	-1.31068	0.923199	0.985267	1.01495													
cg01836455	KHDC4	0.451684	0.6144872	0.595343	-1.67972	0.263607	0.306435	-3.26333	0.22138	3.71586	3.71586	0.553928	0.527251	-1.89663	0.34767	2.68426	2.68426													
cg02433882	SLC29A1;SLC29A1	0.451683	0.2782664	0.512914	-1.95004	0.21798	0.844448	1.18388	0.185508	0.505325	0.612391	-1.63294	0.801055	1.13554	0.0656112	0.49756	-2.01009													
cg13626774	ARFGEF1	0.451689	0.993447	0.997823	-1.00218	0.040729	1.87208	1.87208	0.99707	0.999026	-1.00098	0.985051	1.00498	1.00498	0.242015	0.723515	-1.38405													
cg10093594	MAPKAPK2;MAPKAPK2	0.451698	0.98004	1.00194	1.00194	0.653992	1.14744	1.14744	0.175557	1.19222	1.19222	0.0419	0.838912	1.03435	0.0415327	0.5881	-1.70068													
cg08499881	AANAT	0.451709	0.664407	0.889704	-1.12397	0.841645	-1.05502	1.05502	0.149575	0.661218	-1.51236	0.485088	1.20918	1.20918	0.41847	1.24776	1.24776													
cg12625300	SERPINB6	0.451715	0.4013124	0.782781	-1.2775	0.795859	0.881286	1.11447	0.0881	0.98198	-1.01926	0.940725	0.909345	-1.09969	0.140878	0.654349	-1.52853													
cg14209896	TTC15	0.451724	0.505491	0.763443	-1.30986	0.634672	0.52633	1.52633	0.142491	0.95148	-1.05048	0.744034	1.25442	1.25442	0.0972128	0.937719	-1.06642													
cg19906694	ZSWIM6	0.451731	0.664953	1.08642	1.08642	0.908699	1.02206	1.02206	0.85419	1.03561	1.03561	0.388861	1.18291	1.18291	0.144562	0.742227	-1.3473													
cg19198429	PARP14	0.451732	0.526223	0.807444	-1.23871	0.691246	1.04156	1.04156	0.945373	0.894429	1.11803	0.901408	1.01966	1.01966	0.0164267	0.752135	-1.32974													
cg14820575	POLR3K	0.451759	0.397232	1.36087	0.1013583	1.89103	1.89103	0.6723	1.16327	1.16327	0.151897	1.72572	1.72572	0.592759	1.21155	1.21155														
cg00085732	SLC13A2;SLC13A2;SLC13A2;SLC13A2;SLC13A2	0.451774	0.505662	0.65277	-1.53193	0.0744963	3.5182	3.5182	0.724078	0.799342	-1.25102	0.461384	1.60756	1.60756	0.263627	0.478199	-2.09118													
cg05382798	LRRC23;LRRC23;LRRC23	0.451786	0.572713	0.886093	-1.12805	0.184015	1.34849	1.34849	0.237499	1.30033	1.30033	0.785307	1.05966	1.05966	0.547472	1.1379	1.1379													
cg05252940	SH3PXD2B;SH3PXD2B	0.451794	0.543489	0.854097	-1.17083	0.138657	1.50504	1.50504	0.779931	1.44086	1.44086	0.444941	1.22105	1.22105	0.651305	1.12376	1.12376													
cg18809855	CDNL1	0.451809	0.695664	1.03258	1.03258	0.737265	0.648227	-1.54267	0.188802	0.950	0.950	0.852449	0.524497	0.524497	0.600566	0.878302	1.09307													
cg08870139	PLXNA1	0.451816	0.717531	0.761536	-1.31314	0.999256	1.0007	1.0007	0.804222	1.20471	1.20471	0.449133	1.78309	1.78309	0.471832	0.577646	-1.73117													
cg01806579	CBLN2	0.451817	0.45917	0.728474	-1.37375	0.975985	1.01282	1.01282	0.111179	0.449766	2.08435	0.883562	1.00876	1.00876	0.670185	0.834163	-1.19881													
cg12923728	SDHAP1	0.451826	0.566246	0.801231	-1.24808	0.186098	1.7088	1.7088	0.74953	0.6382	-1.56691	0.523565	0.781083	-1.28027	0.233526	0.620402	-1.61186													
cg06894198	RGS8;RGS8	0.451835	0.610901	1.1929	1.1929	0.117493	0.557406	-1.79402	0.705753	1.13928	1.13928	0.11248	0.552158	-1.81121	0.883317	1.05178	1.05178													
cg16959714	C6orf105;C6orf105	0.451836	0.2831351	0.414474	-2.41828	0.4807	0.562622	-1.77824	0.402102	0.514874	0.625285	-1.59779	0.750892	-1.33167	0.0700997	0.576282	-1.73517													
cg08123425	GRIN2B	0.451836	0.566319	1.25055	1.25055	0.440125	1.3548	1.3548	0.997181	1.00036	1.00036	0.947271	0.974814	-1.02584	0.548373	0.79117	-1.26395													
cg20403561	LYPLA1	0.451837	0.8795998	0.981474	-1.01859	0.759174	1.04574	1.04574	0.337525	1.1583	1.1583	0.207088	1.04613	1.04613	0.531121	1.13971	1.13971													
cg26655340	C5orf4;C5orf4	0.451845	0.786986	0.793607	-1.26007	0.0856896	0.197674	-5.05885	0.0568973	0.158967	-6.29061	0.618536	0.651539	-1.53483	0.608839	0.643714	-1.55349													
cg24659758	AIFM2	0.451845	0.85387	1.06509	1.06509	0.142735	0.71392	0.71392	0.846752	1.06841	1.06841	0.515654	0.798173	-1.25286	0.973583	0.948958	-1.05379													
cg03831951	ATF6B;ATF6B	0.451853	0.8019993	0.952357	-1.05028	0.722178	0.398844	1.39884	0.202097	0.745671	0.749163	-1.33418	0.731218	0.899668	1.1497	0.218614	-1.88718													
cg21529778	JDP2;JDP2;JDP2;JDP2;JDP2	0.451869	0.801177	1.06074	1.06074	0.310116	1.27819	1.27819	0.291907	0.774481	-1.29118	0.193283	0.724901	-1.3795	0.230048	1.34217	1.34217													
cg04084187	CNTD2	0.451873	0.428286	0.752226	-1.32939	0.811579	1.16579	1.16579	0.615097	0.888	1.1888	0.539913	0.888	1.1888	0.539913	0.687344	-1.4488													
cg11769939	ZNF488	0.451874	0.589653	1.00849	1.00849	0.645139	0.472526	0.447526	0.544549	1.49141	1.49141	0.534068	1.50749	1.50749	0.4391	0.597902	-1.67252													
cg07908874	ZNF511;TUBGCP2	0.451876	0.7691005	0.893665	-1.11899	0.0892054	2.04588	2.04588	0.125521	1.88369	1.88369	0.682648	0.854701	-1.17	0.462594	0.751571	-1.33055													
cg08014422	TP53;WRAP53;TP53;TP53;TP53	0.451886	0.1347777	0.265323	-3.53134	0.66006	0.929529	-1.07556	0.112196	0.472353	0.712153	-1.40402	0.0706782	-2.38137	0.0706782	0.423557	-2.36266													
cg02743522	CDK19	0.451902	0.376951	1.25998	1.25998	0.262488	0.742449	-1.34698	0.53667	0.852595	-1.17289	0.0966379	1.59187	1.59187	0.899185	1.03284	1.03284													
cg23431802	LOC647309	0.451905	0.1324681	0.668403	-1.49655	0.888346	0.9926507	-1.00535	0.712552	0.602479	1.65968	0.430599	1.07779	1.07779	0.200183	0.621316	-1.60476													
cg20086790	AXIN1;AXIN1	0.451913	0.687463	1.13787	1.13787	0.910328	0.964658	-1.03664	0.4214	1.29993	1.29993	0.1048	0.567703	-1.76148	0.51034	0.807945	-1.23771													
cg22407744	MCM6 EPB49;EPB49;EPB49;EPB49;EPB49;EPB4	0.451922	0.477224	0.893432	-1.11928	0.512324	1.10917	1.10917	0.207621	1.23021	1.23021	0.507801	0.900539	-1.11045	0.791101	0.945242	-1.05793													
cg23897733	9	0.451924	0.542819	0.83808	-1.1932	0.253054	0.710122	-1.40821	0.815965	1.06914	1.06914	0.977566	1.0081	1.0081	0.915333	0.969965	-1.03097													
cg13654391	DKTZp779M0652	0.451927	0.220077	1.2962	1.2962	0.107452	0.102052	-1.41219	0.14219	0.374089	1.93166	0.158705	0.900657	-1.11006	0.161255	1.11506	1.11506													
cg17465884	CDK16	0.451928	0.189299	0.512163	-1.9525	0.785796	1.14006	1.14006	0.87939	0.929538	-1.0758	0.166752	2.03274	2.03274	0.549132	1.33867	1.33867													
cg22793725	PLOD2;PLOD2	0.451935	0.0950117	0.547564	-1.59638	0.309658	1.25359	1.25359	0.92715	1.02108	1.02108	0.445373	0.845996	-1.18204	0.679148	1.06914	1.06914													
cg12010626	SGTA	0.451939	0.601837	0.65845	-1.51872	0.814176	1.48658	1.48658	0.149168	1.2404	1.2404	0.947985	0.55115	-1.81515	0.115842	0.257508	-3.88337													
cg22149471	MSI2	0.451938	0.0824198	0.384861	-2.59834	0.364432	0.58815	-1.58815	0.816737	1.13212	1.13212	0.402576	0.653657	-1.52985	0.221474	0.528426	-1.89241													
cg27210863	SH2D4B;SH2D4B	0.451942	0.1535751	0.3125	-3.20026	0.722762	0.812662	1.23737	0.620268	0.630209	1.58697	0.450497	0.745453	-1.34193	0.182848	0.800157	-1.24985													
cg08661290	PHF13;PHF13	0.451944	0.3309972	1.40273	1.40273	0.843717	1.06886	1.06886	0.45831	1.29019	1.29019	0.611206	0.841168	-1.18882	0.370443	0.733229	-1.36383													
cg14310162	C21orf30	0.451951	0.8017993	1.06491	1.06491	0.119515	1.37661	1.37661	?	?	?	0.62494	?	?	0.911896	-1.04229	0.191242	1.28963	1.28963												
cg18056133	CCDC86	0.451962	0.8801453	0.534817	-1.8698	0.674823	0.757467	-1.31967	0.160869	0.756956	-1.76381	0.810404	0.821827	-1.21733	0.0911333	0.713333														
cg13453932	LOC388946	0.451966	0.387534	1.36328	1.36328	0.683759	0.15407	1.15407	0.699084	1.14558	1.14558	0.264654	0.665665	-1.50226	0.785779	0.909078	-1.10002													
cg22038907	POU6ZK;POU6ZK	0.451968	0.8257369	1.04093	1.04093	0.911955	1.13761	1.13761	0.77	0.92494	?	0.429	0.91896	-1.04229	0.191242	1.28963	1.28963													
cg23438841	ARTS;ARTS;ARTS	0.451985	0.674592	1.14993	1.14993	0.437706	1.26793	1.26793	0.901292	1.03791	1.03791	0.544556	0.795748	-1.25668	0.912761	1.03071	1.03071													
cg05451838	DPH1;DPH1	0.451994	0.9579281	0.991553	-1.04238	0.0757652	1.15454	1.15454	0.195514	0.906459	-1.10434	0.679699	1.06756	-1.06434	0.829599	1.07756	1.07756													
cg01456440	SAP18	0.452008	0.629953	0.936156	-1.07005	0.187665	0.823054	-1.21499	0.760723	0.958296	-1.04352	0.377348	0.94033	-1.06378	0.0407335	0.730149	1.30149	1.30149													
cg08546120	PTPN2;PTPN2;PTPN2	0.452017	0.708079	0.914771	-1.09713	0.653939	1.11762	1.11762	0.531627	0.855435	-1.1669	0.0597103	1.68815	1.68815	0.529467	1.16998	1.16998													
cg01094590	CARS;CARS;CARS;CARS	0.452021	0.45528	0.7	0.7	0.0958199	1.51994	1.51994	0.444848	0.824932	-1.21316	0.43936	1.43936	0.43368	1.80821	1.80821	0.0078514	0.51858	0.51858												
cg10880973	ZDHHC14;ZDHHC14	0.452027	0.64545	0.629994	-1.58732	0.111684	0.62821	1.62821	0.241087	3.40049	3.40049	0.678381	1.51477	1.51477	0.525114	0.526106	-1.90076													
cg27487227	CBX4	0.452029	0.437301	1.31305	1.31305	0.0862043	0.521209	-1.91862	0.258655	0.666909	-1.49945	0.594237	0.831261	-1.20299	0.148345	0.586888	-1.7039													
cg14415914	OL3	0.452029	0.407943	1.91995	1.91995	0.736685	1.29702	1.29702	0.702156	1.34661	1.34661	0.556526	0.632353	-1.58139	0.0375321	0.155716	-6.42196													
cg17045264	NRXN2;NRXN2	0.452034	0.125884	0.318605	-3.13868	0.623229	0.464	0.46	0.0800	0.10473	0.10473	0.804935	1.1537	0.4639	0.0375321	0.147632	-6.76935													
cg26644221	ZFYVE28	0.452044	0.231247	0.307796	-3.24891	0.733825	0.725951	-1.3775	0.726883	0.719616	-1.38963	0.504347	0.529536	-1.88405	0.0735907	0.153862	6.49933													
cg12741194	MYO1C	0.452047	0.2622308	0.565253	-1.76932	0.0923	0.7261	1.2411	0.580205	0.11973	0.11973	0.457486	0.168436	0.168436	0.556571	0.13033	7.67304													
cg23244698	TMBIM6;TMBIM6	0.452051	0.284825	1.44962	1.44962	0.0722083	1.95541	1.95541	0.541489	1.22946	1.22946	0.541351	1.22954	1.22954	0.467622	0.781131	-1.2802													
cg07968091	NCOR2;NCOR2	0.452053	0.982835	0.989138	-1.01098	0.185832	0.21827	0.20827	0.191475	0.201781	0.201781	0.882151	0.927464	-1.07821	0.979053	0.986761	-1.01342													
cg24336398	GPSM1	0.452058	0.38948	1.3102	1.3102	0.0954	0.729229	1.37239	0.572177	1.33337	1.33337	0.512149	1.38784	1.38784	0.0266747	0.603607	-1.65648													
cg02109073	PRAGMIN	0.452061	0.473633	0.821135	-1.21783	0.348278	1.29838	1.29838	0.447999	1.23257	1.23257	0.476103	1.21644	1.21644	0.271535	0.733806	-1.36276													
cg03372165	RNGTT	0.452063	0.9255539	0.984631	-1.01551	0.999331	0.994805	-1.00513	0.989766	1.76149	1.76149	0.178753	1.21608	1.21608	0.0267456	0.822556	-1.21546													
cg06617456	PREX2;PREX2	0.452065	0.364132	1.17449	1.17449	0.138729	1.31635	1.31635	0.366719	0.852208	-1.17342	0.535914	1.11417	1.11417	0.369958	1.17209	1.17209													
cg00639286	ATOX1	0.452066	0.630965	1.06344	1.06344	0.133955	1.22801	1.22801	0.468125	1.09835	1.09835	0.42145	0.900899	-1.11	0.486313	0.914127	-1.09394													
cg01420076	NQO1;NQO1;NQO1 ARMC9;ARMC9;ARMC9;ARMC9;ARMC5;ARMC5;A	0.452066	0.2784418	0.466004	2.14838	0.607899	1.58407	1.58407	0.0283631	1.37309	1.37309	0.518577	1.13468	1.13468	0.910564	1.09052	-1.09164													
cg03273606	RMC05;ARMC5	0.452086	0.24657	0.297045	-3.36649	0.080039	0.975249	-1.02538	0.309916	0.349025	-2.86512	0.121915	5.36344	5.36344	0.590302	0.58013	-1.72375													
cg25875824	YTHDF2;YTHDF2	0.452092	0.425265	0.780629	-1.28102	0.296857	1.38954	1.38954	0.528618	1.21431	1.21431	0.247998	0.692573	-1.44389	0.101659	0.579815	-1.72469													
cg03625300	TMEM105	0.452093	0.729107	0.741473	-1.34867	0.740926	1.33109	1.33109	0.7798	0.785727	-1.27271	0.132968	0.43378	0.43378	0.327822	0.419356	-2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 128 vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 471 vs. N)	Fold-Change(347T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg08002205	KIAA0182;KIAA0182	0.452258	0.604203	1.29798	1.24798	0.572884	1.37635	1.37635	0.61323	1.33077	1.33077	0.489131	0.674396	-1.46283	0.0866774	0.346151	-2.88801	0.770036	1.17861	1.17861	0.673722	1.26797	1.26797	0.972881	2.77368	2.77368	0.8202261	0.8802216	1.13609	1.0993	5.47228	4.42486	1
cg23960781	SULF1;SULF1;SULF1;SULF1	0.452264	0.53477	1.14015	1.14015	0.67989	1.09042	1.09042	0.251298	0.7787414	-1.28412	0.383633	1.2049	1.2049	0.0470267	0.622336	1.60685	0.982805	1.00451	1.00451	0.525675	1.14359	1.14359	0.941212	0.984729	-1.01551	0.9056618	1.02506	1.02506	1.09029	0.757909	0.612849	1
cg04421348	SH2D4B;SH2D4B	0.452265	0.0848118	0.337072	-2.96573	0.359936	0.584478	-1.71093	0.646171	0.7681681	-1.3018	0.496388	0.674327	-1.48296	0.0984251	0.355557	-2.81249	0.483945	0.666395	-1.50061	0.182298	0.445907	-2.24262	0.124003	0.386577	-2.58681	0.657862	0.775456	-1.28956	1.09929	5.66784	4.58305	1
cg03216596	NSF	0.452268	0.917981	1.03028	1.03029	0.811003	0.932952	-1.07187	0.317673	0.7441192	-1.34881	0.630401	1.15099	1.15099	0.515439	1.21052	1.21052	0.85545	0.948544	-1.05402	0.0508982	1.50463	1.50463	0.409092	0.783933	-1.27709	0.3638449	0.763122	1.31041	1.09928	1.46113	1.18149	1
cg09188016	KPOT;KPOT	0.452269	0.243914	1.99268	1.99268	0.848691	2.32624	2.93624	0.719563	1.22617	1.22617	0.110946	2.67009	2.67009	0.70115	0.809412	-1.23507	0.410184	1.61011	1.61011	0.694112	0.796698	0.796698	-1.25049	0.670842	1.27349	1.27349	0.222653	0.2642	2.0642	1.09928	5.56825	4.50255	1
cg05242257	PDPK1;PDPK1;PDPK1;PDPK1	0.452273	0.85423	0.964938	-1.03634	0.626886	0.59907	-1.66925	0.557944	0.8913575	-1.12186	0.674782	0.921367	-1.08534	0.615379	0.906349	-1.1033	0.852015	1.03691	1.03691	0.36611	0.835105	-1.19745	0.430127	1.60916	1.16916	0.932399	1.0166	1.0166	1.09027	0.655689	0.530202	1
cg02097532	ERC2	0.452279	0.79843	1.12672	1.12672	0.6601605	2.68716	2.68716	0.387779	0.6618353	-1.51091	0.577983	0.7694693	-1.29956	0.848445	1.0933	1.0933	0.652853	1.23504	1.23504	0.129336	2.14699	2.14699	0.571835	1.30521	1.30521	0.7390075	0.8556889	-1.16865	1.09926	3.78442	3.06018	1
cg15301794	PANS;PAXS;PAXS	0.452281	0.755246	1.12552	1.12552	0.6818732	1.64439	1.64439	0.325556	1.97546	1.97546	0.161567	0.8515382	-1.22642	0.3342663	1.95011	1.95011	0.329633	1.96349	1.96349	0.0870971	1.66454	1.66454	0.284212	2.07447	2.07447	0.6972875	0.9774451	-1.02307	1.09925	7.83079	6.33221	1
cg22579849	DCTN3;DCTN3	0.452284	0.352662	1.27673	1.27673	0.882264	1.03853	1.03853	0.579	0.8666776	-1.1537	0.233562	0.9561254	-1.04581	0.8908	1.12252	1.12252	0.116765	0.647447	-1.54453	0.0950647	0.626307	-1.59666	0.725549	1.09408	1.09408	0.827372	0.945811	-1.05729	1.09925	2.13294	0.916133	1
cg00040575	MICAL3;MICAL3;MICAL3	0.452285	0.746601	1.15008	1.15008	0.638296	0.815291	-1.22656	0.0702575	2.39349	2.39349	0.718131	1.16922	1.16922	0.924207	0.95979	-1.04189	0.396636	0.687727	-1.45407	0.981607	0.990107	-1.00999	0.411954	0.696415	-1.43593	0.1368891	1.99587	1.99587	1.09925	3.23841	2.61869	1
cg04576707	MOBKL1A	0.452288	0.938823	1.03766	1.03766	0.9224	1.81527	1.81527	0.135658	0.6596559	-1.51593	0.536146	0.7652955	-1.30683	0.2564641	0.9010031	-1.25015	0.580519	1.27216	1.27216	0.364735	1.26869	1.26869	0.40417	1.445	1.445	0.2660889	0.6056093	-1.64828	1.09924	3.23768	2.63812	1
cg00482020	ARHGAP17;ARHGAP17	0.452288	0.854936	0.982977	-1.01732	0.12274	1.16987	1.16987	0.504771	1.06556	1.06556	0.167284	0.107873	0.127923	0.192126	0.8544554	-1.17034	0.63709	0.956395	-1.04559	0.813696	0.978095	-1.0224	0.24406	1.12114	1.12114	0.760552	0.92009	1.02909	1.09924	0.153239	0.123915	1
cg16750588	PLP2	0.452289	0.142311	0.286786	-3.48692	0.728554	1.31797	1.31797	0.73032	0.7603256	-1.31523	0.11657	3.85854	3.85854	0.0854409	0.8866602	-1.03158	0.493581	0.744897	0.744897	0.0250618	0.820558	0.820558	0.835346	-1.19731	0.9403334	0.942445	-1.06107	1.09924	10.9168	8.82779	1
cg00146096	FANCF	0.452294	7	7	7	0.167623	3.35441	3.35441	0.0521173	0.7396606	-1.35207	7	7	7	0.585417	1.07135	1.07135	0.727982	1.29053	1.29053	0.4607411	0.569188	-1.75689	0.920419	0.9300576	-1.07518	0.7050313	0.757148	-1.32075	1.30345	6.77626	2.22802	1
cg02412050	MAPK14;MAPK14;MAPK14;MAPK14	0.452295	0.766801	1.07109	1.07109	0.582412	1.13682	1.13682	0.763286	0.9326268	-1.07232	0.812065	1.05654	1.05654	0.645769	0.898637	-1.1128	0.0867419	0.646061	-1.54784	0.111272	0.617219	0.675059	-1.48135	0.369557	1.30409	1.30409	0.87892	1.03583	1.03583	1.09923	0.928344	0.750705	1
cg08865141	KCNQ1;KCNQ1	0.452297	0.9833931	1.00505	1.00505	0.928265	1.33427	1.33427	0.222329	0.7338285	-1.36373	0.387964	0.807323	1.03281	0.4436	1.20809	1.20809	0.861103	0.958523	-1.04327	0.284393	0.765019	0.765019	-1.30716	0.504485	1.17901	1.17901	0.179128	0.708081	1.14727	1.09922	0.165569	0.532002	1
cg10498390	SDAD1	0.452298	0.453973	0.772199	-1.295	0.32479	0.708494	-1.41144	0.0398598	2.23714	2.23714	0.86239	0.942897	-1.06056	0.769558	1.10468	1.10468	0.953319	1.02004	1.02004	0.776514	1.10126	1.10126	0.560399	0.81911	-1.22084	0.461936	0.775584	-1.28893	1.09922	1.99965	1.61702	1
cg00491963	UBE2L6;UBE2L6;UBE2L6	0.452304	0.90306	1.01977	1.01977	0.606398	0.9005	-1.05204	0.562434	0.9447991	-1.05887	0.51909	1.06591	1.06591	0.340603	0.908525	-1.10068	0.365272	0.911336	-1.09713	0.0392169	0.779638	-1.28265	0.719686	1.03583	1.03583	0.717108	0.96508	-1.03618	1.09921	0.166117	0.134333	1
cg18181209	PBK1	0.452305	0.170885	0.531772	1.88245	0.748635	1.39828	1.39828	0.864756	1.20932	1.20932	0.54154	1.99171	1.99171	0.252335	1.58268	1.58268	0.683883	0.633533	-1.57845	0.741626	0.6915518	-1.44609	0.255018	3.76188	3.76188	0.0386066	0.14529	14.4529	1.09921	21.6385	17.4983	1
cg14359061	FBXO7;FBXO7;FBXO7	0.452305	0.186027	2.77303	2.77303	0.523912	0.6251	-1.59974	0.833779	0.8582343	-1.16557	0.0978435	3.74753	3.74753	7	7	7	0.767765	1.24037	1.24037	0.324414	0.476976	-2.09654	0.794483	0.82704	-1.20913	0.489867	0.600344	-1.66571	1.09137	8.13031	7.44963	1
cg08304373	CLCN2;CLCN2;POU2K2;CLCN2;CLCN2	0.452306	0.19447	1.25008	1.25008	0.801044	1.34031	1.34031	0.218203	1.22251	1.22251	0.996833	1.00065	1.00065	0.451449	1.13288	1.13288	0.466521	0.886479	-1.12806	0.379823	0.8636565	-1.15786	0.812155	0.9662025	-1.03947	0.4345003	1.13846	1.13846	1.09921	0.460384	0.372297	1
cg17258537	RNF130	0.452308	0.197497	2.05645	2.05645	0.135631	2.34243	2.34243	0.130391	2.37402	2.37402	0.311372	1.74075	1.74075	0.803272	0.87625	-1.14123	0.632509	1.29044	1.29044	0.275117	2.14514	2.14514	0.233404	1.93719	1.93719	0.2280035	0.95355	1.95355	1.0992	4.87633	3.94333	1
cg23711166	PURA1;PURA1	0.452309	0.236074	1.39484	1.39484	0.719363	1.82482	1.82482	0.0975	2.39794	2.39794	0.0820544	1.02755	1.02755	0.0189807	0.52502	-1.90507	0.49358	1.07442	1.07442	0.7603252	0.85039	0.85039	-1.17593	0.7483402	0.91004	1.09686	0.1924446	0.688595	-1.45223	1.0992	2.73136	2.02072	1
cg00789004	CADM4	0.452318	0.559252	1.17095	1.17095	0.466152	1.2192	1.2192	0.387343	1.26719	1.26719	0.272007	1.35741	1.35741	0.798917	0.9340553	1.0706	0.17075	1.47672	1.47672	0.927833	1.02451	1.02451	0.0485505	1.82613	1.82613	0.191244	1.44744	1.44744	0.99118	2.34135	1.00548	1
cg13582793	NLGN1	0.452326	0.874344	0.976285	-1.02429	0.668862	0.936833	-1.06743	0.186157	1.23684	1.23684	0.089625	1.32815	1.32815	0.348621	0.863869	-1.15758	0.280612	0.843599	-1.1854	0.937653	0.10193	0.10193	0.520935	0.906039	-1.10371	0.786114	1.04211	1.04211	1.09917	0.400365	0.323773	1
cg15532149	TMEM45	0.452331	0.875082	1.04084	1.04084	0.745046	1.83693	1.83693	0.0140064	0.6474945	1.84093	1.84093	0.156455	1.15483	1.15483	0.218664	0.44336	1.80873	0.958153	1.04327	0.284393	0.765019	0.765019	-1.30716	0.504485	1.17901	1.17901	0.179128	0.708081	1.14727	1.09922	0.165569	0.532002	1
cg06295352	ENOX2;ENOX2;ENOX2;ENOX2	0.452332	0.234057	0.21323	-4.68976	0.6503443	0.0768192	-13.0176	0.701883	0.620985	-1.61034	0.437163	2.66951	2.66951	0.884131	0.834728	-1.19799	0.189402	0.178685	-5.59643	0.765297	1.44901	1.44901	0.759243	1.46347	1.46347	0.634334	1.81047	1.81047	1.09915	26.7151	21.6096	1
cg17331566	B4GALT2	0.452338	0.770345	0.908073	-1.10014	0.257877	1.46953	1.46953	0.812925	0.925617	-1.08036	0.4191063	0.764086	1.30875	0.3401307	0.704632	-1.41918	0.768706	1.10092	1.10092	0.418934	0.763934	1.30901	0.0476309	0.747807	-2.0929	0.632886	0.854827	-1.16983	1.09914	1.82551	1.49653	1
cg04813880	TMEM159;DNAH3	0.452361	0.441438	0.488794	-2.04585	0.873124	0.15689	1.15689	0.796918	0.79044	-1.26512	0.788411	1.278	1.278	0.0914086	0.544765	1.84765	0.853328	0.844705	-1.18184	0.520068	0.551776	-1.81233	0.126918	0.2219109	-4.50636	0.281573	0.360407	-2.77464	1.0991	14.4758	11.7073	1
cg18252968	TMED4	0.452362	0.0586433	2.12211	2.12211	0.139123	0.570781	-1.75199	0.65576	0.8538313	-1.17122	0.840451	0.93146	-1.07358	0.485277	1.28375	1.28375	0.485017	0.77885	-1.28394	0.970457	1.01313	1.01313	0.991719	0.996351	-1.00366	0.88904	0.952017	-1.0504	1.09909	2.15985	1.74677	1
cg00097237	NMUNM	0.452371	0.1683534	1.66828	1.66828	0.5164	1.29739	1.29739	0.46731	0.6368384	-1.57048	0.2128203	1.22251	1.22251	0.996833	1.00065	1.00065	0.466521	0.886479	-1.12806	0.379823	0.8636565	-1.15786	0.812155	0.9662025	-1.03947	0.4345003	1.13846	1.13846	1.09921	0.460384	0.372297	1
cg09518270	KCNH1;KCNH1	0.452373	0.835286	1.25004	1.25004	0.512056	0.03963	2.03963	0.516423	0.494009	-2.02425	0.0704393	0.1144885	-8.73476	0.994112	0.992121	1.00794	0.71252	1.48691	1.48691	0.454233	0.440744	-2.26396	0.115334	0.159609	-6.26531	0.570347	1.84927	1.84927	1.09907	19.9993	16.1747	1
cg00448821	GMCL1	0.452378	0.436078	1.18946	1.18946	0.731663	1.33213	1.33213	0.93993	0.728742	-1.37975	0.2892	0.9613482	-1.04167	0.7483657	1.33809	1.33809	0.907552	1.10407	1.10407	0.7009754	0.9170197	1.09006	0.4555559	1.14378	1.14378	0.3133626	0.7898742	1.09006	0.1898453	0.1898453	0.1754416	1
cg21842274	CRHBP	0.452384	0.195814	0.782535	-1.2779	0.495069	1.13223	1.13223	0.336693	0.837311	-1.1943	0.670271	0.9260999	-1.0798	0.296821	0.823747	-1.21397	0.217994	0.792718	-1.26148	0.705721	1.07037	1.07037	0.192025	1.28088	1.28088	0.436935	0.867488	-1.15275	1.09905	0.559306	0.452355	1
cg14272688	MRI1;MRI1	0.452397	0.652875	0.628751	-1.59091	0.743377	1.40061	1.40061	0.915277	1.11546	1.11546	0.212255	0.84756	1.84756	0.150875	0.84902	0.84902	0.222389	0.268455	-3.72502	0.743972	0.7514555	-1.39947	0.410833	2.63901	2.63901	0.238842	0.282208	-0.54349	1.09903	18.3064	14.8061	1
cg18356515	TRIO	0.452398	0.0809405	1.23741	1.23741	0.118227	0.764876	-1.36077	0.477435	0.7905876	-1.07983	0.550658	0.8018245	1.25389	0.0907205	0.722026	-1.38509	0.2308204	0.799377	-1.25067	0.252166	0.7964275	-1.25553	0.0955641	0.9756431	-1.02414	0.7125509	1.06953	1.09903	0.574084	0.464317	1
cg04918358	LMAN2L;LMAN2L;LMAN2L;LMAN2L;LM AN2L;LMAN2L	0.452404	0.211366	1.49672	1.49672	0.324144	1.36598	1.36598	0.129871	1.65056	1.65056	0.359891	0.749534	-1.33416	0.804983	0.927033	1.07871	0.331952	1.35874	1.35874	0.239839	1.45783	1.45783	0.614267	1.61841	1.61841	0.20205	1.51067	1.51067	1.09901	1.63274	1.32057	1
cg19043158	RNF170;RNF170;RNF170;RNF170;RNF 170;RNF170;HOOK3;RNF170;RNF170;RN F170;RNF170	0.452406	0.441107	0.894627	-1.11778	0.0260397	1.45412	1.45412	0.62631	1.07203	1.07203	0.44703	1.11612	1.11612	0.380663	1.13594	1.13594	0.769434	1.04254	1.04254	0.998694	0.999768	-1.00023	0.93547	1.01154	1.01154	0.507595	1.09997	1.09997	1.09901	0.34972	0.282857	1
cg26872151	PIP4K2A	0.452407	0.272041	0.3795	-2.63505	0.0474195	0.146319	-6.83439	0.0982389	0.215051	-4.65005	0.75326	0.765493	-1.30635	0.906244	1.105	1.105	0.770131	0.780123	-1.28155	0.816527	0.82123	-1.21769	0.858502	0.85965	-1.16326	0.690939	1.40307	1.40307	1.09901	12.5001	10.1102	1
cg04728584	CDC14B;CDC14B;CDC14B;CDC14B; PTPN20B;PTPN20A;PTPN20A;PTPN20B; PTPN20B;PTPN20B;PTPN20B;PTPN20B;	0.452422	0.482987	0.900705	-1.11024	0.109755	1.29141	1.29141	0.810941	0.9654959	-1.03578	0.5915	0.923612	-1.08271	0.725377	0.949583	-1.05309	0.209669	0.823712	-1.21402	0.226506	0.830055	-1.20474	0.186085	0.814134	-1.2283	0.833454	0.969587	-1.03137	1.09898	0.374478	0.30289	1
cg05157833	PTPN20A;PTPN20A;PTPN20B	0.452423	0.759316	0.807298	-1.2387	0.939554	1.05758	1.05758	0.698775	0.283277	-3.53011	0.201862	0.39112	-2.56576	0.154418	0.345813	-2.89173	0.590935	0.685261	-1.4593	0.0763881	0.253938	-3.93709	0.90536	0.920489	-1.08638	0.603507	0.60549	-1.43784	1.08998	8.44549	6.831	1
cg12888039	ADIPOR1;ADIPOR1	0.45243	0.88411	1.12103	1.12103	0.350007	0.470688	-2.12455	0.496392	0.582183	-1.71767	0.980210	0.980766	-1.01961	0.964411	1.03557	1.03557	0.306388	2.2922	2.2922	0.0728995	0.208651	-4.79269	0.278307	2.41829	2.41829	0.1830022	0.493914	-2.02464	1.08996	10.6798	8.63832	1
cg16146622	LRFN4;PCPC;PCPC	0.452431	0.273095	1.0607	1.0607	0.6628	1.1731	1.1731	0.3442405	0.8938414	-1.21979	0.953891	1.10181	1.10181	0.5055401	0.904245	1.12735	0.911008	0.977557	1.02257	0.0668399	0.6510004	-1.53609	0.442567	1.1628	1.1628	0.797729	0.953515	1.05355	1.08996	0.719902	0.580745	1
cg01356044	MTSS1L	0.452432	0.936172	0.975574	-1.02504	0.339691	1.35504	1.35504	0.98024	0.992299	-1.00776	0.8680834	1.79316	1.79316	0.306796	0.721323	-1.38634	0.499516	1.2357	1.2357	0.182444	0.646044	-1.54788	0.551115	1.12461	1.20467	0.966252	1.01315	1.01315	1.08996	1.65925	1.34208	1
cg15153964	MEPCE;ZcWPW1	0.452432	0.346488	2.07971	2.07971	0.690953	1.19355	1.19355	0.431185	0.5457522	-1.83233	0.572751	0.651209	-1.53563	0.2806465	2.73963	2.73963	0.219755	0.65839	-1.51956	0.0412005	0.2479316	4.03685	0.0975154	0.1915575	0.1935754	0.1319764	3.34544	3.34544	1.11667	9.77558	6.80883	1
cg16124961	VPS36	0.452435	0.752119	0.90967	1.09993	0.365737	1.32004	1.32004	0.364486	1.26288	1.26288	0.083937	0.5647732	-1.77075	0.7647742	0.59381	1.09381	0.38777	0.767596	-1.30277	0.219943	0.680191	-1.47018	0.308907	0.730249	-1.36977	0.226978	0.684552	-1.46081	1.08995	1.55378	1.25678	1
cg05725892	ANKRD37	0.452441	0.201681	0.802856	-1.24555	0.153882	1.25091	1.25091	0.836195	1.01598	1.01598	0.546624	0.90542	-1.10446	0.441006	1.13652	1.13652	0.30701	0.841786	-1.18795	0.689263	0.936635	-1.06765	0.620051	1.08465	1.08465	0.432626	1.13931	1.13931	1.08994	0.461655	0.373415	1
cg08271366	CDH13	0.452443	0.1364487	2.46315	2.46315	0.0943	0.564379	-1.62023	0.667472	0.8107381	-1.23381	0.618086	0.8983309	-1.06772	0.6718	0.9208059	-1.08532	0.4592412	0.54487	-1.8353	0.342476	0.445556	-2.26472	0.0199581	0.2958952	-3.34986	0.1740776	0.283688	3.525	1.08994	0.23154	0.2729	1
cg00767560	LOC284440	0.452449	0.992806	1.00174	1.00174	0.48152	0.871366	-1.14762	0.690087	1.08019	1.08019	0.848828	1.03741	1.03741	0.915044	1.02075	1.02075	0.744626	1.06493	1.06493	0.0329081	0.6186541	-1.61641	0.481963	0.871491	-1.14746	0.33293	1.21195	1.21195	1.08992	0.604695	0.521476	1
cg00193787	FAM111B;FAM111B;FAM111B	0.452451	0.83589	1.10257	1.10257	0.506225	1.37367	1.37367	0.206773	1.87159	1.87159	0.134072	2.13951	2.13951	0.195786	0.525187	-1.90408	0.827987	0.902638	-1.10786	0.975348	1.01465	1.01465	0.718013	0.843067	-1.18614	0.177842	1.96212	1.96212	1.08992	3.85665	3.11955	1
cg22214565	TBP;LTBP3;LTBP3;LTBP3;LTBP3;LTBP3	0.452457	0.42974	0.69516	-1.43852	0.0876301	0.427189	-2.34089	0.3241	1.58311	1.58311	0.675546	1.20912	1.20912	0.4514416	1.41357	1.41357	0.616697	1.25565	1.25565	0.440932	0.70152	-1.42548	0.857744	0.92225	-1.0843	0.2112295	0.552068	-1.81137	1.08991	3.54171	2.86484	1
cg14874790	DMD2	0.452459	0.53707	1.19107	1.19107	0.6111	1.91245	1.91245	0.0270353	2.627021	-1.20916	0.632451	1.18183	1.18183	0.4654884	-1.21979	0.953891	1.10181	1.10181	0.5055401	0.904245	1.12735	0.911008	0.977557	1.02257	1.02257	0.0668393	-1.50062	0.691583	1.2349	1.2349	1.0899	1.87208	1.39169	1
cg17018464	SMPD1;SMPD1;SMPD1	0.45246	0.188332	0.820898	-1.21818	0.372241	1.13849	1.13849	0.526848	1.09503	1.09503	0.330659	0.8675519	-1.15271	0.770196	0.959376	-1.04234	0.218421	0.832531	-1.20116	0.159912	0.808478	-1.23689	0.407121	0.886866	-1.12757	0.539801	1.09186	1.09186	1.0899	0.348879	0.282204	1
cg27588119	RNF71	0.452465	0.336859	1.44779	1.44779	0.776796	1.56264	1.56264	0.166614	1.56614	1.56614	0.697213	0.8183269	-1.22209	0.5474387	1.36537	1.36537	0.2424348	0.57952	-1.72546	0.0844572	0.4049572	-2.44157	0.884954	0.9228208	-1.07734	0.3233516	0.892711	-1.12035	1.08991	2.68873	2.13966	1
cg05090835	PAFAH1B2	0.452466	0.229175	1.97847	1.97847	0.77953	0.349118	-2.86436	0.697256	0.8084571	-1.2354	0.431091	1.54422	1.54422	0.317953	1.74746	1.74746	0.276162	1.84506	1.84506	0.997002	0.99797	-1.00203	0.970069	1.0205	1.0205	0.904259	0.937006	-1.06723	1.08989	5.08859	4.11614	1
cg26259181	ASF1B	0.452467	0.838306	0.929246	-1.07614	0.870152	0.943029	-1.06041	0.30886	1.46252	1.46252	0.982266	1.00801	1.00801	0.311459	0.686412	-1.45685	0.631685	0.841055	-1.18898	0.990833	1.00413	1.00413	0.0395216	2.39855	2.39855	0.786953	1.1022	1.1022	1.1166	2.23203	1.55474	1
cg13306164	HPCA	0.452469	0.76596	1.30424	1.30424	0.921487	1.96355	1.96355	0.211947	0.6903013	-1.53448	0.615795	1.19047	1.19047	0.0390213	0.64828	-1.54275	0.7663256	1.30015	1.30015	0.1822327	0.615556	0.8038909	-1.24317	0.192557	1.30255	0.5131271	0.8261931	-1.21037	7	0.6147007	0.858243	1.19817	1.09115	1
cg18720905	TPRKP1;TPRKP1;TPRKP1;TPRKP1;TPRKP1	0.452471	0.163066	0.519223	-1.92595	0.127643	0.484249	-2.06505	0.316516	0.6339901	-1.57753	0.342604	0.6502226	-1.53793	0.216746	0.564296	-1.77212	0.869109	0.929969	-1.0753	0.133618	0.490546	-2.03854	0.124602	0.480972	-2.07933	0.7479614	0.867685	-1.15249	1.08988	3.37277	2.72825	1
cg08036514	PHGDH	0.452476	0.59755	1.0917397	1.0917397	0.5	0.226384	-1.72193	0.227931	0.8774218	-1.02646	0.485871	0.8918827	-1.12129	0.7987861	1.25161	1.25161	0.1184509	0.790345	1.26535	0.1433124	0.7842443	1.27496	0.0178485	0.1115574	0.8964	1.11603	0.0395216	2.39855	2.39855	0.786953	1.1022	1.1022	1.1166	2.23203	1.55474	1
cg12502079	SHANK3	0.452513	0.169207	0.503388	-1.65183	0.66034	1.16362	1.16362	0.925358	1.03263	1.03263	0.461811	0.773604	-1.29265	0.0634165	0.489391	-2.04336	0.265012	0.671623	-1.48893	0.67134	1.15749	1.15749	0.661649	1.16288	1.16288	0.409932	0.749188	1.33478	1.0988	2.04341	1.65305	1
cg08593940	BASP1;LOC285696	0.452529	7	7	7	0.167623	7	7	7	7	7	7	7	7	0.212494	39.7645	39.7645	0.997349	0.992389	-1.00767	7	7	7	0.76037	0.4909949	-2.03687	1.34882	26.2384	12.9686	1
cg26565751	CHRH1;CHRH1;C

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1521 vs. N)	Fold-Change(1521 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg16834187	BIRD7	0.45287	0.0794573	0.434842	-2.29968	0.125478	0.491971	-2.06264	0.126195	0.492739	-2.02647	0.128625	0.640654	-1.53928	0.977071	1.01237	1.01237	0.478338	0.734664	-1.36317	0.3871	0.684382	-1.46117	0.887969	1.00547	1.00547	0.229202	0.629823	-1.58775	1.0981	3.18246	2.57615	1
cg06061966	DGKZ;DGKZ	0.45284	0.561065	1.34577	1.34577	0.118496	2.35444	2.35444	0.904364	0.941075	-1.06261	0.82696	0.89528	-1.11697	0.561148	1.34568	1.34568	0.240047	1.86183	1.86183	0.0898876	2.57173	2.57173	0.699029	1.21689	1.21689	0.337613	0.606844	-1.64787	1.09809	4.43992	3.59407	1
cg06396656	PDE3B;PSMA1	0.452877	0.865936	1.04387	1.04387	0.504487	1.18779	1.18779	0.712834	0.910346	-1.09848	0.398639	1.24555	1.24555	0.950206	0.984257	-1.01599	0.536145	0.852841	-1.17255	0.0353009	0.536402	-1.86427	0.340418	0.779082	-1.28356	0.9145111	1.02766	1.02766	1.09808	5.12281	0.90891	1
cg14939475	SERPINB8;SERPINB8;SERPINB8	0.45279	0.422421	0.662068	-1.51042	0.11019	0.416367	-2.40154	0.294898	0.578866	-1.72751	0.681853	1.23051	1.23051	0.763236	0.858955	-1.16421	0.127116	0.435914	-2.29403	0.851332	0.908899	-1.09902	0.319935	1.64043	1.64043	0.584069	1.32078	1.32078	1.08808	4.40456	3.56546	1
cg15323638	PODXL;PODXL	0.452895	0.331613	0.634602	-1.57579	0.708012	0.842083	-1.18626	0.0337259	0.324388	-3.08273	0.455825	0.708345	-1.41174	0.132136	0.75039	-1.33264	0.776547	0.878763	-1.13796	0.205148	0.545034	-1.83475	0.507644	1.35683	1.35683	0.839643	0.91212	-1.09635	1.09805	3.58442	2.90166	1
cg07366462	ADCY5	0.452807	0.399395	0.743766	1.34451	0.865758	1.05978	1.05978	0.335588	0.40586	1.40586	0.908641	1.06018	1.06018	0.385541	0.730934	-1.35697	0.0540459	0.472196	-2.11777	0.201322	0.629364	-1.58891	0.890084	0.95366	-1.04859	0.844259	1.06982	1.06982	1.08804	2.04706	1.65762	1
cg03918071	FAM19A3;FAM19A3	0.4529	0.292672	0.609823	-1.63982	0.972546	0.98453	-1.01571	0.991367	1.00491	1.00491	0.458012	0.710083	-1.40829	0.265925	0.591441	-1.69078	0.2096	0.549307	-1.82048	0.069976	0.399353	-2.50405	0.113223	0.457983	-2.18349	0.32112	0.628507	-1.59107	1.08084	3.56941	2.88953	1
cg24348465	SDCCAG8;CEP170;CEP170	0.452805	0.361494	0.662759	-1.50884	0.231552	1.17418	1.17418	0.702818	0.639178	-1.4725	0.179161	4.22092	4.22092	0.935571	1.08504	1.08504	0.169548	0.228279	-4.38061	0.4062	1.23276	1.23276	0.854304	0.832782	-1.20079	0.848109	1.21557	1.21557	1.09298	17.7211	14.3464	1
cg19950606	AGAP1;AGAP1	0.452935	0.863407	1.11246	1.11246	0.250272	2.10447	2.10447	0.677952	0.28515	1.26515	0.617227	0.731933	-1.36624	0.418563	0.42423	2.42423	0.7739134	0.836627	-1.19528	0.80551	0.858315	-1.16507	0.476804	0.63889	-1.56521	0.356749	1.79863	1.79863	0.99793	6.66993	5.39982	1
cg04357841	MAD11;MAD11;MAD1L1	0.452941	0.583313	0.700534	-1.42748	0.27643	2.06952	2.06952	0.858933	1.12108	1.12108	0.519794	0.657576	-1.52074	0.0314207	0.1976	-5.06074	0.948332	1.04251	1.04251	0.816744	0.861455	-1.16083	0.841996	0.879654	-1.13681	0.475617	0.627473	-1.59369	1.09796	7.17745	5.81076	1
cg24409529	SDK1;SDK1	0.452944	0.229452	0.843255	1.18583	0.570805	1.15355	1.15355	0.283747	0.698619	-1.4314	0.693198	1.83977	1.83977	0.209305	0.539469	-1.85402	0.458031	0.783101	-1.27665	0.293939	0.59139	-1.69107	0.242169	0.358986	-2.78539	0.126503	0.683372	-1.46333	0.14628	0.604085	-1.6554	1.09795	1.83647	1.47059	1
cg23239484	GPR1;GPR1	0.452948	0.794006	1.05497	1.05497	0.861186	1.03644	1.03644	0.351978	0.822128	-1.21636	0.942899	1.01476	1.01476	0.773565	0.942718	-1.06076	0.852191	1.962578	-1.03888	0.0243579	1.73094	1.73094	0.700204	1.08233	1.08233	0.615619	1.10906	1.10906	1.09794	0.727072	0.588634	1
cg10469906	MVP;MVP	0.452954	0.792268	0.795174	-1.25759	0.126206	4.27938	4.27938	0.605146	1.57354	1.57354	0.675664	0.693804	-1.44133	0.308803	0.398862	-2.50713	0.453015	0.514054	-1.94532	0.10496	0.205671	-4.86214	0.612546	0.641544	-1.55874	0.59194	0.624778	-1.60057	1.11559	13.0325	9.08617	1
cg14073590	CITED1;CITED1;CITED1;CITED1;CITED1	0.452964	0.318424	1.4151	0.0555585	0.481662	-2.07614	0.853602	0.9397	-1.06417	0.270091	0.679322	-1.47206	0.485927	0.787892	-1.26921	0.243698	0.663184	-1.50788	0.968059	1.01357	0.690298	1.44937	1.44437	0.848673	0.937706	-1.06643	1.07991	1.97131	1.59601	1
cg02447736	LI18A2	0.452968	0.6905324	1.35734	1.35734	0.108842	1.83086	1.83086	0.430973	0.541596	-1.84639	0.866227	1.13726	1.13726	0.554259	0.802545	-1.24593	0.414561	0.1996	-5.01095	0.0135	0.21501	-4.65107	0.0158	0.90834	0.90834	0.970837	1.02828	1.02828	1.0979	10.1207	8.19395	1
cg24394337	UST	0.452972	0.79479	0.902786	-1.10768	0.179947	1.5347	1.5347	0.411984	0.777009	-1.28699	0.332732	0.735484	-1.35965	0.284689	0.71587	-1.3969	0.198388	0.664425	-1.50506	0.171835	0.645662	-1.5488	0.622651	1.16089	1.16089	0.996899	1.00117	1.00117	1.09789	1.57305	1.27359	1
cg24823803	FSPAP	0.452983	0.111333	0.36209	-2.76212	0.024997	0.610677	-1.55027	0.88381	1.08538	1.08538	0.687477	0.898877	-1.26763	0.0372183	0.243937	-4.1331	0.797288	0.859824	-1.16303	0.484749	0.809435	-1.23545	0.402387	0.774964	0.774964	0.702787	1.07353	1.07353	1.09787	5.98623	4.43673	1
cg01754790	STARD13;STARD13;STARD13	0.452986	0.507068	0.873103	-1.14534	0.493243	1.1506	1.1506	0.245082	1.27728	1.27728	0.915943	1.02151	1.02151	0.102151	0.476957	-2.09635	0.754922	0.941331	-1.06233	0.0603924	1.5326	1.5326	0.888564	0.924623	-1.08152	0.839586	0.839215	1.19159	1.09787	0.706774	0.572239	1
cg09834162	THAP5;DNAI89;THAP5	0.452988	0.616736	0.874196	-1.14391	0.054111	1.79044	1.79044	0.354533	1.2889	1.2889	0.897767	1.03484	1.03484	0.707678	1.10558	1.10558	0.610405	0.872046	-1.14673	0.734702	0.913356	-1.09486	0.635335	1.13575	1.13575	0.126634	1.55312	1.55312	1.09786	1.23447	0.99949	1
cg24794313	SCD5	0.452995	0.3088868	0.677491	-1.47569	0.112738	2.40496	2.40496	-1.28479	0.113238	2.40496	-1.40064	0.491343	2.032624	1.47156	0.679501	1.47156	0.460558	0.551559	-1.81304	0.0447445	0.570824	1.75185	0.92343	0.98013	0.98013	0.44924	1.85619	1.85619	1.09785	11.1874	10.0586	1
cg03237106	CCNF	0.453001	0.376949	0.797826	-1.25341	0.225475	0.728238	-1.37318	0.765967	0.928334	-1.0772	0.0513446	0.575391	-1.73795	0.935105	0.979917	-1.02049	0.366997	0.793841	-1.2597	0.433797	1.21796	1.21796	0.566269	1.15539	1.15539	0.498206	0.842568	-1.18585	1.09784	1.07911	0.873728	1
cg25478614	SST	0.453005	0.158477	0.544871	-1.83595	0.373699	1.03364	1.03364	-1.67709	0.0978346	1.3858	1.3858	0.524455	0.807054	0.944044	-1.05918	0.0639753	0.548	0.7728	-1.29398	0.0633504	0.453415	-2.30726	0.0805492	0.7421	0.7421	0.843426	1.35581	1.35581	1.09784	2.33102	1.78284	1
cg13624418	LONP1	0.45301	0.956223	0.984317	-1.01593	0.657001	0.879246	-1.13734	0.148988	0.640415	-1.56149	0.978146	0.992144	-1.00792	0.182586	0.665448	-1.50275	0.808683	0.932535	-1.07235	0.146455	1.56649	1.56649	0.271183	0.719026	-1.39077	0.551076	1.18967	1.18967	1.09782	1.44164	1.16728	1
cg18031747	FBXL12;FBXL12	0.45303	0.983524	0.994253	-1.00578	0.576194	0.854117	-1.17072	0.19558	0.682331	-1.46556	0.696679	1.11554	1.11554	0.947227	0.598942	-1.66961	0.24682	0.713138	-1.40215	0.099481	0.603049	-1.65824	0.780568	1.08107	1.08107	0.604292	0.864223	-1.15711	1.09778	1.35449	1.09675	1
cg09219295	C11orf91;C11orf92	0.453032	0.347393	0.744257	1.34329	0.650394	2.6106	2.6106	0.642339	1.2419	1.2419	0.464	1.47272	1.47272	0.560233	1.30828	1.30828	0.430626	1.45151	1.45151	0.630171	1.25197	1.25197	0.492515	1.38108	1.38108	0.0427197	2.94625	2.94625	1.09778	3.7026	3.02045	1
cg09091208	C12orf57	0.453042	0.994712	0.999014	-1.00099	0.254179	1.19396	1.19396	0.503664	1.10632	1.10632	0.253877	0.838966	-1.19194	0.828472	1.03283	1.03283	0.605714	0.925401	-1.08061	0.10003	1.30776	1.30776	0.20279	1.22163	1.22163	0.384669	1.14191	1.14191	1.09776	0.385404	0.312074	1
cg15728861	C13orf18	0.453066	0.481052	0.739443	-1.35183	0.302035	1.116	1.116	7	7	7	0.520513	1.53235	1.53235	7	7	7	7	7	7	7	7	1.14686	7	7	7	0.705494	1.78939	1.52683	1.09776	1.26603	0.526314	0.55115	0.447635	1
cg02093647	ACVR2A	0.45307	0.598021	0.94421	-1.05909	0.632469	0.9535	0.9535	0.959835	0.994446	-1.00558	0.836898	1.02255	1.02255	0.0583137	1.26039	1.26039	0.268536	1.33275	1.13275	0.42778	0.916153	-1.09162	0.241172	0.14229	1.14229	0.329254	1.121501	1.11501	1.0977	2.203398	0.164706	1
cg08842032	EPN3	0.453073	0.509672	0.810743	-1.23344	0.514866	0.769805	-1.29903	0.204427	0.588313	-1.69978	0.249679	1.61055	1.61055	0.324805	0.668453	-1.49599	0.759309	0.88538	-1.12946	0.485566	1.32408	1.32408	0.0857815	0.471335	-2.12163	0.954728	0.977762	-1.02274	1.0977	2.72815	2.20919	1
cg02372712	ZNF467	0.453076	0.231952	0.784197	-1.27475	0.0940137	1.16715	1.16715	0.0794	1.46857	1.46857	0.0276	1.10386	1.10386	0.0381181	0.907253	-1.10206	0.0386	0.7445	-1.34256	0.0476	0.5984	-1.67098	0.0387	0.8704	0.8704	0.0704	1.14829	1.14829	1.09777	0.855051	0.283464	1
cg00513736	PRKAG2	0.453076	0.907815	1.05471	1.05471	0.763833	0.870622	-1.1486	0.0652595	0.58977	-2.58977	0.491881	1.37847	1.37847	0.20042	1.86237	1.86237	0.456332	1.4174	1.4174	0.271371	0.916153	-1.09162	0.598777	0.781789	-1.27912	0.9392	1.0357	1.0357	1.09769	1.67541	2.97627	1
cg02569613	C10orf72;C10orf72	0.453089	0.348917	0.744257	1.34329	0.650394	2.6106	2.6106	0.642339	1.2419	1.2419	0.464	1.47272	1.47272	0.560233	1.30828	1.30828	0.430626	1.45151	1.45151	0.630171	1.25197	1.25197	0.492515	1.38108	1.38108	0.0427197	2.94625	2.94625	1.09776	3.7026	3.02045	1
cg25849375	BRCC3;BRCC3;MTCP1NB;MTCP1	0.453095	0.414334	0.475217	-2.1043	0.390713	0.456515	-2.19051	0.61357	1.57461	1.57461	0.916542	1.09796	1.09796	0.835153	0.83045	-1.20417	0.0676703	0.16121	-6.20308	0.304365	2.58157	2.58157	0.369229	2.78953	2.78953	0.951545	0.947026	-1.05568	1.09765	13.8194	11.1911	1
cg05183671	MON1B	0.453098	0.703137	0.842626	-1.18715	0.144326	1.34582	1.34582	0.564745	0.638327	-1.5666	0.760198	1.27932	1.27932	0.605662	0.797455	-1.25466	0.453021	0.710656	-1.40715	0.0476442	0.670863	-1.49061	0.906341	1.09715	1.09715	0.542107	0.623133	-1.60947	1.09765	0.61388	0.37251	1
cg21627017	FITM4P	0.453099	0.293182	0.76181	-1.30008	0.1035	1.53207	1.53207	0.747605	0.840343	-1.18943	0.708043	1.08043	1.08043	0.570159	0.941205	-1.06227	0.455803	1.0996	1.0996	0.95022	1.52671	1.52671	0.657801	0.899698	-1.11272	0.491431	1.18227	1.18227	1.09765	0.997929	0.808137	1
cg05165990	GABARAPL1	0.453104	0.516872	0.921245	-1.08504	0.692552	1.05085	1.05085	0.934176	1.01036	1.01036	0.147256	0.823559	-1.21424	0.458629	0.910107	-1.09877	0.217718	0.850564	-1.17569	0.376892	0.89299	-1.11983	0.490129	1.09144	1.09144	0.170708	1.19972	1.19972	1.09764	0.270841	0.219333	1
cg26085804	FCHSD2	0.453105	0.30239	0.694553	-1.44003	0.0929677	1.04205	1.04205	0.0905583	0.960312	-1.04163	0.0823954	1.08594	1.08594	0.432121	0.914414	-1.09379	0.460558	0.551559	-1.8134	0.0447445	0.570824	1.75185	0.92343	0.98013	0.98013	0.44924	1.85619	1.85619	1.09763	11.1874	10.0586	1
cg01001647	MGC87042;MGC87042	0.453113	0.176157	0.600982	-1.66394	0.473908	1.29417	1.29417	0.186673	1.64151	1.64151	0.207795	0.624838	-1.60041	0.42664	0.750217	-1.33295	0.775989	1.10629	1.10629	0.424051	1.33519	1.33519	0.806668	0.916849	-1.09069	0.42158	0.747752	-1.33734	1.09762	2.17922	1.76481	1
cg20585098	MCF2L2;BSDNT5	0.453122	0.230289	0.398245	-2.51052	0.812394	0.840339	-1.18997	0.777882	0.833119	-1.22983	0.497786	0.6044	-1.65453	0.202369	0.573582	-2.67629	0.809546	1.14919	1.14919	0.360604	0.934099	-1.09313	0.332325	0.323606	3.32366	0.0489536	0.745459	-1.34146	1.0976	9.20217	7.53377	1
cg04045789	ZFAT;ZFAT;ZFATAS	0.453122	0.285174	-3.60168	-1.65793	0.0851296	0.745243	-1.34958	0.218	0.552243	-1.8108	0.223065	0.558191	-1.7915	0.163126	0.509098	-1.96432	0.444325	0.702213	-1.42407	0.080589	0.889207	-1.03091	0.529786	1.15428	1.15428	0.374519	0.861314	-1.16128	1.0976	3.60541	2.91983	1
cg05832487	C16orf59	0.453129	0.756421	0.936684	-1.0676	0.267981	0.784613	-1.27451	0.798804	1.05516	1.05516	0.227844	0.766357	-1.30488	0.878432	0.968439	-1.03259	0.470454	1.1669	1.1669	0.588704	1.12161	1.12161	0.646108	1.10207	1.10207	0.0653707	1.54317	1.54317	1.09759	0.768212	0.622143	1
cg20849255	ZAN;ZAN	0.453133	0.0703478	0.423195	-2.36153	0.0731645	0.71491	-1.39435	0.16096	0.229935	-4.3483	0.0979792	0.525157	1.90417	0.0754014	0.557197	-1.79437	0.304019	0.381621	-2.6204	0.153886	0.228532	-4.3757	0.0966334	0.54409	0.54409	0.838221	1.95358	1.95358	1.09758	4.52791	3.55867	1
cg07607662	NCRNA00095;FBXL19	0.453133	0.191699	0.678743	-1.47331	0.928476	1.02549	-1.02549	0.433989	1.25086	1.25086	0.256364	1.39399	1.39399	0.250256	0.714013	-1.40053	0.141303	1.26578	1.26578	0.504771	1.20896	1.20896	0.246431	1.40472	1.40472	0.365073	1.29814	1.29814	1.09758	1.36646	1.10665	1
cg04801402	ENPP5	0.453136	0.579868	0.91327	-1.09497	0.18413	0.865206	-1.15579	0.801132	0.959877	-1.0418	0.582273	0.913806	-1.09432	0.364417	0.8068	-1.24001	0.0177108	0.626262	-1.59678	0.58494	0.934099	-1.07061	0.743958	0.949202	-1.05475	0.863965	0.992697	-1.00756	1.09757	0.457651	0.370604	1
cg02216667	C1orf111;C1orf111	0.453142	0.996331	0.998744	-1.00126	0.401126	1.26471	1.26471	0.900099	0.966261	-1.03492	0.67128	1.12373	1.12373	0.867111	0.961795	-1.03972	0.304179	0.33749	-2.96325	0.0744208	0.207748	0.367496	2.72783	1.28783	0.476606	1.21868	1.21868	1.09756	1.29802	1.05124	1
cg19940923	TRRAP	0.453143	0.570489	1.4962	1.4962	0.684357	0.750137	-1.33273	0.898578	0.914284	-1.09375	0.0376544	0.183685	-5.44409	0.555209	1.52101	1.52101	0.454566	1.708	1.708	0.32618	2.0389	2.0389	0.864501	1.12753	1.12753	0.841459	1.15113	1.15113	1.09756	8.58518	6.95295	1
cg04709775	RAB40C	0.453152	0.677179	0.914159	-1.09435	0.538207	2.4145	2.4145	-1.41588	0.138207	2.4145	-1.58207	0.974561	1.09854	-1.02593	0.883364	-1.13209	0.0459853	0.423255	-2.36292	0.0993429	0.488998	1.80256	0.355329	0.488998	0.488998	0.847773	0.915845	-1.09183	0.0954	1.16308	0.94422	1
cg21676440	SGK1;SGK1;SGK1;SGK1	0.453169	0.851408	0.876957	-1.14031	0.879077	0.898889	-1.11248	0.915137	0.928085	-1.07749	0.042564	0.512897	1.52897	0.532897	0.92209	0.6208	-1.61083	0.443784	1.74931	1.74931	0.93249	0.942403	-1.06112	0.320402	0.25208	0.205208	0.219859	0.246766	1.24766	1.09755	0.852111	0.60138	1
cg20441645	C17orf54	0.453173	0.817394	0.917289	-1.08957	0.647287	0.914248	-1.09348	0.955628	0.965438	-1.03617	0.655102	0.995634	1.00329	0.184613	0.929556	-1.07606	0.614353	0.71854	-1.39169	0.0874543	0.947269	1.05606	0.604154	0.947269	0.947269	0.568007	1.07976	1.07976	1.09755	0.857	0.657	1
cg07469105	TMSB15A	0.453173	0.152192	0.407823	-2.45205	0.453637	0.639937	-1.56265	0.173795	0.429055	-2.33071	0.858654	0.901009	-1.10987	0.152307	0.407941	-2.45134	0.0894872	0.334597	-2.98867	0.332765	0.557518	-1.79366	0.207197	0.45941	-2.17671	0.86788	0.907232	-1.10225	1.0975	0.94371	4.81394	1
cg18144544	USP43	0.453185	0.279251	1.51005	1.51005	0.254425	0.646628	-1.54648	0.759341	0.893531	-1.11916	0.172009	1.70342	1.70342	0.35361	0.41859	-2.41859	0.887808	0.05308	0.105308	0.118741	1.85971	0.661605	0.151605	1.17511	1.17511	0.607684	0.827195	-1.2089	1.09747	2.33306	1.88964	1
cg02560380	C3orf26;C3orf26	0.453224	0.519378	0.781955	-1.27911	0.631565	1.2471	1.2471	0.642322	1.12252	1.12252	0.576175	0.729295	1.37095	0.629419	0.921108	-1.08456	0.344606	1.24196	1.24196	0.805404	0.777735	1.28569	0.743762	1.11873	1.11873	0.41701	1.1127	1.1127	1.09755	0.920002	1.06407	0.939754	1.08541	1.63263	1.24501
cg02679012	NXN	0.453229	0.405447	1.48266	1.48266	0.563355	1.31039	1.31039	0.200668	1.869	1.869	0.450323	1.42748	1.42748	0.427959	0.687657	-1.45421	0.261124	1.71991	1.71991	0.20197	1.84499	1.84499	0.0737782	2.51485	2.51485	0.979101	0.987953	-1.01219	1.09739	3.72106	3.01407	1
cg05932527	ARMC6;ARMC6;ARMC6;ARMC6	0.453239	0.117042	0.408859	-2.44583	0.141514	1.72484	1.72484	0.951499	1.03248	1.03248	0.144248	1.38864	1.38864	0.313609	0.782324	-1.27836	0.0977108	0.626262	-1.59678	0.58494	0.934099	-1.07061	0.743958	0.949202	-1.05475	0.863965	0.992697	-1.00726	1.09737	0.47983	0.33847	1
cg12997635	POLS	0.45324	0.0953954	0.203574	-4.91221	0.459559	0.51939	-1.92367	0.632791	1.51927	1.51927	0.698545	0.713109	-1.40231	0.103008	0.212324	0.70978	0.230217	0.342718	-2.91785	0.152117	0.263714	-3.79198	0.885125	0.881968	-1.13383	0.611447	0.640512	1.56125	1.09737	13.1191	10.6267	1
cg16073236	NRCAM;NRCAM;NRCAM	0.453272	0.845621	0.930531	-1.07466	0.896278	1.04935	1.04935	0.202225	0.608165	-1.64429	0.268547	1.53042	1.53042	0.0820766	0.490886	-2.03713	0.621989	0.832307	-1.20148	0.647699	1.18522	1.18522	0.481105	1.30279	1.30279	0.385829	0.720099	-1.3887	1.09731	2.37084	1.92054	1
cg24002218	GPR64;GPR64;GPR64;GPR64	0.453274	0.400238	0.805823	-1.24125	0.350697	0.899773	-1.1033	0.428509	0.7514	-1.32514	0.275172	1.36372	1.36372	0.0917553	0.733102	-1.36402	0.464503	0.55156	-1.81304	0.0447445	0.570824	1.75185	0.92343	0.98013	0.98013	0.44924	1.85619	1.85619	1.09731	11.1874	10.0586	1
cg17213304	BMMT2;DMGDH COL4A3;COL4A4;COL4A3;COL4A4;COL4	0.453278	0.823215	1.05316	1.05316	0.702016	1.09307	1.09307	0.300471	1.28194	1.28194	0.808106	1.05796	1.05796	0.174527	1.39701	1.39701	0.776842	0.936335	-1.06799	0.0291451	1.81326	1.81326	0.649867	1.11159	1.11159	0.964318	0.989698	-1.01041	1.09729	0.931284	0.754409	1
cg23045258	A3;COL4A3	0.453283	0.0632915	0.360195	-2.77627	0.789688	0.879543	-1.13695	0.261828	0.56823	-1.75985	0.445323	0.687612	-1.45431	0.52755	0.735034	-1.36048	0.656517	1.23992	1.23992	0.270738	1.73985	1.73985	0.675546	0.816918	-1.12411	0.626851	1.26545	1.26545	1.1149	3.98221	2.77807	1
cg07211155	ARHGAP15	0.453285	0.607227	1.24695	1.24695	0.649226	0.821267	-1.21763	0.21103	0.570685	-1.75228	0.899635	1.05518	1.05518	0.954402	1.02464	1.02464	0.0537599	2.54007	2.54007	0.57224	1.72496	1.72496	0.625887	1.23261	1.23261	0.373213	0.677666	-1.47565	1.09727	3.14858	2.55063	1
cg15521097	TTHSL	0.453289	0.772144	0.84925	-1.17756	0.377524	1.25503	1.25503	-1.44242	0.153135	1.83588	1.83588	1.12162	1.12162	0.737435	0.947744	-1.05534	0.789553	1.16212	1.16212	0.276815	0.529112	-1.88996	0.0553081	0.294471	-3.39592	0.213675	0.478599	-2.08943	1.09727	5.50399	4.45872	1
cg11806565	PHKA1;PHKA1 GPM6B;GPM6B;GPM6B;GPM6B;GPM6	0.453307	0.0631659	0.165137	-6.05558	0.70449	1.38871	1.38871	0.64938	1.48355	1.48355	0.54852	1.68741	1.68741	0.855365	1.17028	1.17028	0.140509	0.255029	-3.92112	0.798698	0.802329	-1.24637	0.559424	1.66308	1.66308	0.549996	1.68408	1.68408	1.09724	12.9059	10.4553	1
cg10479459	B;GPM6B;GPM6B	0.453307	0.535207	1.41829	1.41829	0.0865599	0.348708	-2.86773	0.264219	1.91097	1.91097	0.504535	1.45771	1.45771	0.445718	0.648833	-1.54123	0.625119	0.760305	-1.31526	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1048 vs. N)	Fold-Change(1048 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01267522	ZEB1;LOC220930;ZEB1;ZEB1;ZEB1	0.453609	0.137687	0.788848	0.1538	0.866243	0.09416	-1.00587	0.719334	0.950532	-1.05204	0.407389	0.887753	-1.12644	0.166697	1.23015	1.23015	0.412089	0.888857	-1.12504	0.339131	1.14845	1.14845	0.72606	0.952323	-1.05006	0.258381	0.847319	-1.18019	1.09654	0.342766	0.277855	1
cg01242862	C11orf31	0.45366	0.199009	1.16662	1.16662	0.763556	1.03485	1.03485	0.817412	1.02661	1.02661	0.397416	0.906294	-1.1034	0.124389	1.20795	1.20795	0.157466	1.18726	1.18726	0.905996	1.0135	1.0135	0.544515	0.932724	-1.07213	0.239594	1.15008	1.15008	1.09654	0.223923	0.181518	1
cg01428380	HHEX	0.453676	0.388209	1.16495	1.16495	0.854356	0.968774	-1.03223	0.428941	1.14959	1.14959	0.355679	0.848722	-1.17824	0.629877	0.919588	-1.08744	0.48688	0.885185	-1.12971	0.197065	0.790226	-1.26546	0.0961712	1.37082	1.37082	0.824481	0.962378	-1.03909	1.09651	0.517606	0.419598	1
cg02506043	RCC2;RCC2	0.453676	0.235731	1.79401	1.79401	0.844706	1.09662	1.09662	0.263977	0.978317	-1.72916	0.186098	0.537203	-1.93348	0.436728	0.688559	-1.45231	0.607283	1.27612	1.27612	0.613741	1.27046	1.27046	0.255597	1.74751	1.74751	0.340563	1.58714	1.58714	1.09651	3.84149	3.11411	1
cg18337826	C14orf4	0.453686	0.990986	0.996713	-1.0033	0.368364	1.30903	1.30903	0.40304	1.28327	1.28327	0.095155	0.586751	-1.7043	0.103853	0.740493	-1.35045	0.586922	0.852241	-1.17338	0.203139	0.692848	-1.44332	0.661246	1.13714	1.13714	0.352297	0.756562	-1.32177	1.09649	1.47517	1.19587	1
cg24713499	KIAA1012;KIAA1012	0.453696	0.958652	1.01253	1.01253	0.314107	0.778767	-1.28408	0.881817	0.9649	-1.03638	0.137812	0.681255	-1.46788	0.039672	0.564707	-1.77064	0.666487	0.900168	-1.10976	0.832726	0.95047	-1.05211	0.490712	0.845239	-1.1831	0.616341	1.13134	1.13134	1.09647	1.00179	0.812134	1
cg00858973	C7orf41;C7orf41	0.453712	0.330285	1.42996	1.42996	0.539263	1.24768	1.24768	0.498445	1.27718	1.27718	0.702498	0.8723	-1.14639	0.076212	0.495427	-2.01846	0.336695	0.702829	-1.42282	0.276737	1.49593	1.49593	0.807329	1.09088	1.09088	0.705372	1.14479	1.14479	1.09644	2.20088	1.78426	1
cg00830352	STRAP	0.453712	0.487239	0.630131	-1.58697	0.079514	0.278915	-1.57186	0.072703	0.266097	-3.76163	0.912982	0.107451	1.07415	0.404008	0.573901	-1.74855	0.655644	0.745491	1.3414	0.500249	0.6392	-1.56446	0.3169	0.664934	-1.50558	0.473925	1.610358	1.61058	1.09644	7.43622	0.02867	1
cg01049070	NFATC3;NFATC3;NFATC3;NFATC3	0.453713	0.500322	1.27568	1.27568	0.418827	0.745275	-1.34179	0.152863	0.554209	-1.80496	0.917452	0.963776	-1.03759	0.747984	0.891607	-1.12157	0.381317	1.37654	1.37654	0.390159	0.730967	-1.36805	0.0828894	0.50502	-1.98012	0.621134	0.837521	1.194	1.19404	2.19952	1.78316	1
cg19767800	FLJ42709;FLJ42709	0.45372	0.620552	1.30476	1.30476	0.0625914	3.0557	3.0557	0.171901	2.17099	2.17099	0.57207	0.737609	-1.35573	0.777442	1.16306	1.16306	0.420821	1.55019	1.55019	0.197632	2.06661	2.06661	0.357844	1.65539	1.65539	0.721603	0.826368	-1.21012	1.09643	4.93407	4.00012	1
cg07353795	PHTF1	0.453726	0.149805	1.45154	1.45154	0.0625914	1.29634	1.29634	0.182	1.88708	1.88708	0.101863	0.691728	0.997303	-1.00275	0.687123	1.00556	0.367524	1.70994	1.70994	0.0625914	1.49111	1.49111	0.127567	0.670647	1.4911	0.127567	1.08815	1.08815	0.77161	1.0921	1.00978	0.81865	1
cg15993110	ZDHHC2	0.453734	0.341349	0.815674	-1.22598	0.081101	1.49662	1.49662	0.179937	1.34438	1.34438	0.980227	1.00516	1.00516	0.731763	0.930996	-1.07412	0.919511	0.979216	-1.02123	0.693772	1.08571	1.08571	0.534251	1.1396	1.1396	0.182006	1.34227	1.34227	1.0964	0.749807	0.607894	1
cg17369522	GSK3	0.453738	0.148049	0.978085	-1.39141	0.74562	1.07175	1.07175	0.454945	0.850433	-1.17587	0.958337	0.6342	-1.57679	0.847177	0.64193	-1.04193	0.318529	0.802953	-1.2454	0.618288	0.904212	-1.10605	7	7	7	0.888551	1.03027	1.03027	1.08649	0.084385	0.637932	1
cg02309882	ZCCHC14	0.45374	0.126959	0.688697	-1.45145	0.973879	0.992049	-1.00801	0.719815	0.915931	-1.09179	0.336518	1.27326	1.27326	0.109871	0.65385	-1.5294	0.48868	1.19681	1.19681	0.569822	1.1503	1.1503	0.358429	0.794354	-1.25889	0.710308	0.913054	-1.09523	1.09639	1.03204	0.830719	1
cg16839028	PKP1;PKP3	0.453753	0.254154	0.635428	-1.57374	0.077153	0.473143	-2.11353	0.352155	0.69496	-1.43989	0.837468	0.924762	-1.08136	0.316471	0.674095	-1.48347	0.266868	0.55351	1.55351	0.33087	0.682443	-1.46532	0.984316	0.992543	-1.00751	0.400371	0.720494	-1.38794	1.09636	2.5181	2.04159	1
cg03172212	FAF2	0.453754	0.613334	1.39475	1.39475	0.304169	1.99714	1.99714	0.0934	2.13263	2.13263	0.0625914	0.6371	1.3221	0.219834	1.32286	1.32286	0.125041	2.95683	2.95683	0.0625914	2.58868	2.58868	0.0625914	2.74903	2.74903	0.473434	1.60973	1.60973	1.09636	1.40218	0.60141	1
cg04271103	CDK1;CDC2;CDK1;CDK1;CDK1;CDK1	0.453756	0.859061	0.960402	-1.04123	0.389212	1.22212	1.22212	0.220177	1.34049	1.34049	0.970918	0.991747	-1.00832	0.846869	1.04493	1.04493	0.43041	1.20075	1.20075	0.0478142	0.597876	-1.67259	0.720913	1.08496	1.08496	0.948003	1.01494	1.01494	1.09636	0.897224	0.72744	1
cg01225755	SYNJ2	0.453772	0.573089	0.80178	-1.24798	0.175265	1.15229	1.15229	0.562671	0.799222	-1.25122	0.970911	1.01425	1.01425	0.0533207	1.54884	1.54884	0.382692	1.41529	1.41529	0.509574	0.771172	-1.29673	0.654294	0.899556	-1.19111	0.278164	0.645631	-1.54887	1.09632	2.61379	2.11924	1
cg14854287	AHRR	0.453773	0.312221	1.53872	1.53872	0.505704	1.86238	1.86238	0.0625914	1.15775	0.0753287	3.03268	3.02368	0.16851	2.27037	2.27037	0.176539	0.729658	1.3705	1.3705	0.0789896	1.08816	1.08816	0.563125	1.38633	1.38633	0.0196918	0.746467	-1.33964	0.17853	2.22265	2.22265	1.0962	5.42117	4.39593	1
cg09065617	KIF26B	0.453773	0.0961473	0.355662	-2.81166	0.76792	0.847827	-1.17949	0.914559	1.00617	1.00617	0.617783	0.755131	-1.32427	0.133157	0.400887	-2.49447	0.721461	1.22108	1.22108	7	7	7	0.136335	0.404405	-2.47277	0.542187	0.708451	-1.41153	1.10575	4.73816	3.7494	1
cg09002455	C14orf28	0.453773	0.1114468	0.750556	-1.33225	0.840636	0.964634	-1.03666	0.264152	0.824395	-1.21306	0.702344	1.05161	1.05161	0.554455	0.70171	-1.42506	0.882095	0.975078	-1.02493	0.746331	1.10711	1.10711	0.885185	1.02426	1.02426	0.386329	1.15874	1.15874	1.09632	0.477942	0.387511	1
cg22473770	EVI2A;NF1;EVI2A;NF1	0.453809	0.731948	0.721192	-1.38659	0.0904713	0.169782	-5.88992	0.100954	0.181299	-5.51736	0.528129	0.544662	-1.836	0.214296	0.288563	-3.46545	0.851031	0.83634	-1.19569	0.402679	0.449329	-2.25719	0.380157	2.35318	2.35318	0.663166	0.659288	-1.51679	1.09625	15.6891	12.7215	1
cg08349531	LRP2	0.453812	0.945586	0.978745	-1.02172	0.374598	0.76554	-1.30627	0.232565	0.695636	-1.44758	0.249338	0.42129	-2.37365	0.706861	1.11632	1.11632	0.0938506	1.7619	1.7619	0.344747	0.753788	-1.32816	0.891446	1.04084	1.04084	0.844477	1.09246	1.09246	1.09625	1.32119	1.02994	1
cg01860897	LRRC8D;LRRC8D	0.453817	0.204323	0.419806	-2.38205	0.110575	0.324119	-3.08529	0.238492	0.449332	-2.22553	0.135601	0.352673	-2.83549	0.159557	0.377596	-2.64833	0.218743	2.4325	2.4325	-2.31214	0.256094	0.46387	-2.15578	0.318112	0.512408	-1.95157	0.67141	0.758441	-1.31849	1.09623	7.28962	5.91083	1
cg18649283	DOK3;DOK3;DOK3	0.45382	0.349756	0.557504	-1.79371	0.93506	0.951735	-1.05071	0.0981533	0.332465	-3.00783	0.804196	0.860229	-1.16275	0.0883496	0.319371	-3.13116	0.332339	0.544939	-1.83507	0.19415	0.434366	-2.3022	0.702569	1.26225	1.26225	0.324015	0.538859	-1.85577	1.09623	6.39766	5.18761	1
cg01635193	TMEM101	0.453823	0.369946	0.7135	-1.40156	0.542615	1.1794	1.1794	0.0753287	1.61719	1.61719	0.0753287	0.63779	-1.56772	0.0753287	1.28049	1.28049	0.0753287	2.06812	2.06812	0.0753287	1.63538	1.63538	0.0753287	1.54522	1.54522	0.0753287	0.872377	-1.0435	0.506725	0.753291	-1.32753	1.09633	1.23871	0.829374	0.94275	-1.06073	1.09622	1.24448	1.02051	1
cg17749454	SLC16A5	0.453825	0.273609	0.409842	-2.43996	0.675075	0.19108	0.19108	0.7817	1.24295	1.24295	0.875708	0.884663	-1.13037	0.0922832	0.234044	-4.26614	0.211602	0.356897	-2.80193	0.168986	0.317472	-3.14988	0.199705	0.346201	-2.8885	0.428747	0.531267	-1.88229	1.09622	10.6423	8.62947	1
cg07849549	ITK	0.453826	0.115804	0.913631	-1.09503	0.607557	0.821448	1.08144	-1.21736	0.818375	1.09276	1.00276	0.541684	1.45054	1.45054	0.260748	1.55207	0.515152	0.776611	-1.28763	0.956868	1.02114	1.02114	0.798383	1.11166	1.11166	0.448844	0.555512	-1.80014	1.09621	2.50398	2.02961	1
cg18134851	KALGPA1;KALGPA1;GPR17;GPR17;LMS2;GPR17;GPR17;LMS2;LMS2;GPR17;GPR17;LMS2;LMS2;GPR17;GPR17;LMS2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. N)	Fold-Change(5 vs.3537)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg16663033	KIAA1026;KIAA1026;KIAA1026;KIAA1026;KIAA1026	0.454363	0.996032	1.002085	1.00285	0.632383	0.758987	-1.31755	0.043975	3.75958	0.272468	1.92238	1.922438	0.074828	0.913215	-1.09503	0.787469	1.16721	1.167221	0.629746	0.757341	-1.32041	0.743521	0.828729	-1.20667	0.213985	2.11415	2.11415	1.09157
cg08383315	RIC3;RIC3;RIC3;RIC3 C21orf66;C21orf49;C21orf66;C21orf49;	0.454368	0.327391	0.85527	-1.16922	0.47043	1.12024	1.12024	0.502576	1.11095	1.11095	0.624414	1.07929	1.07929	0.0812793	1.1483	1.1483		0.631107	1.07768	1.07768	0.164849	0.795228	-1.2575	0.916751	1.0163	1.0163	0.650289	1.07313	1.07313	1.09516	0.414746	3.336631	
cg19543471	C21orf66	0.45437	0.0999201	0.608748	-1.64272	0.517732	1.19768	1.19768	0.577125	1.73681	0.263545	-1.16776	0.2187	0.700355	-1.42785	0.561929	1.17521	1.17521	0.996201	1.00131	1.00131	0.104403	0.613443	-1.63014	0.791849	1.07554	1.07554	0.863552	0.953747	-1.0485	1.09515	1.3147	1.06709
cg01488147	PEG10;PEG10	0.454373	0.125267	0.547275	-1.82723	0.343347	0.701428	-1.42566	0.079915	1.00919	1.00919	0.812776	0.917413	-1.09002	0.140273	0.561934	-1.77963		0.177884	0.594442	-1.68225	0.295646	1.48288	1.48288	0.845424	1.07349	1.07349	0.917751	0.963169	-1.03824	1.09515	2.28919	1.85865	
cg13591701	FAM20A;FAM20A	0.454371	0.498249	0.882551	-1.13308	0.953013	0.989349	-1.01077	0.389586	0.85196	-1.17376	0.767377	1.05538	1.05538	0.70241	0.932619	-1.07225		0.0569291	0.67604	-1.4792	0.678394	0.927027	-1.07872	0.522558	1.12498	1.12498	0.193479	1.28408	1.28408	1.09515	0.572745	0.464874	
cg15539565	ZSWIM4	0.454376	0.69309	0.85958	-1.16363	0.504895	0.772257	-1.29491	0.448778	0.744602	-1.343	0.944567	0.973784	-1.02692	0.0330639	0.585928	-2.93016		0.931525	0.6677	-1.03198	0.2809568	1.52189	1.52189	0.654475	1.18652	1.18652	0.834409	0.923153	-1.08324	1.09514	2.53156	2.05478	
cg09289195	LIMBTL;LIMBTL	0.454378	0.670965	1.117957	1.11767	0.792064	1.66062	1.66062	0.354078	1.28425	1.28425	0.139861	1.51215	1.51215	0.345068	1.08665	1.08665		0.996078	1.00128	1.00128	0.529512	1.18036	1.18036	0.141862	1.50085	1.50855	0.146119	1.50106	1.50106	1.09514	1.17544	0.954074	
cg07185646	ZBTB46	0.45438	0.0940386	0.749001	-1.33511	0.22068	1.224	1.224	0.472188	1.12164	1.12164	0.684183	0.937819	-1.0663	0.92583	1.01472	1.01472		0.425825	0.880156	-1.13616	0.203495	1.23455	1.23455	0.739008	0.948865	-1.05389	0.976588	1.00462	1.00462	1.09513	0.427423	0.346928	
cg08190291	ADAMTS5	0.454386	0.794879	0.95539	-1.04707	0.856284	0.956284	-1.52373	0.479163	0.661694	-1.16051	0.231567	0.707922	-1.41254	0.348985	0.778827	-1.28316		0.223206	0.767347	-1.30339	0.519179	0.875331	-1.14479	0.732057	1.10989	1.10989	0.109512	1.0767	0.617212	1.09507	0.742561	0.602724	
cg13332350	CD44;CD44;CD44;CD44;CD44 P4RP5;P4RP5;P4RP5;P4RP5;P4RP5;DTX3L;PAR	0.454396	0.817718	0.841884	-1.18781	0.29467	0.444745	-2.24848	0.191252	2.80542	2.80542	0.510755	0.608161	-1.6443	0.675215	1.16769	1.16769		0.545583	0.631806	-1.57777	0.116967	3.55949	0.405569	0.530265	-1.88585	0.450234	0.56352	-1.77456	1.0951	9.63947	7.82432	
cg09407339	P5;PARP9	0.454408	0.2288838	0.220887	-4.52719	0.323157	0.549383	-1.81824	0.146944	0.401741	-2.48917	0.6042	0.73611	-1.35849	0.424525	0.620134	-1.61255		0.697431	0.795409	-1.25721	0.94588	1.04057	1.04057	0.731648	0.817358	-1.22345	0.799009	0.861151	-1.16124	1.09508	5.95299	4.83212	
cg04137116	EID2;EID2 SCOC;SCOC;SCOC;SCOC;SCOC;SCOC;SC	0.454417	0.0714878	0.730192	-1.3695	0.686936	1.06472	1.06472	0.460426	1.12458	1.12458	0.910976	1.01763	1.01763	0.341751	0.858094	-1.16537		0.281182	0.839469	-1.19123	0.565887	0.913321	-1.09491	0.771271	1.19286	1.19286	0.968738	1.00614	1.00614	1.09506	0.423299	0.343604	
cg17332121	OC;SCOC FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGF	0.454425	0.0958661	0.39193	-2.55147	0.855594	0.910924	-1.09779	0.96791	0.979608	-1.02082	0.268585	0.554259	-1.80421	0.134609	0.437731	-2.28451		0.40207	0.644552	-1.55147	0.663227	0.798999	-1.25157	0.259332	1.82696	1.82696	0.502761	0.705878	-1.41667	1.09504	4.54875	3.69239	
cg13707729	R2;FGFR2;FGFR2;FGF2	0.454426	0.417909	0.67639	-1.47844	0.3354197	0.314474	-3.17991	0.158631	0.490798	-2.0375	0.855479	0.18993	1.398455	0.662346	0.50979			0.687177	0.825964	-1.21071	0.78717	0.880013	-1.13635	0.81088	1.11989	1.11989	0.79884	1.1282	1.1282	1.09504	3.86907	3.14068	
cg22045288	C10orf91	0.454446	0.921493	1.02827	1.02827	0.344408	0.759229	-1.31712	0.8801223	0.577451	-1.73175	0.722564	1.10608	1.10608	0.296962	0.736509	-1.35776		0.902458	0.965917	-1.03529	0.343724	1.31767	1.31767	0.376965	1.29229	1.29229	0.346314	0.760104	-1.31561	1.095	1.38729	1.12616	
cg19673195	HDAC4	0.454448	0.726334	1.33877	1.33877	0.5003283	1.7645	1.7645	0.36018	1.74701	1.74701	0.133585	1.47473	1.47473	0.69972	0.5053071	-1.5166		0.729528	0.763447	-1.30985	0.532402	0.59036	-1.69388	0.7555	0.77674	-1.28748	0.777209	0.794947	-1.25795	1.095	1.3482	0.21215	
cg25960785	FAM83E	0.454449	0.263444	0.940405	-2.03913	0.735979	0.813148	-1.22979	0.722795	1.2432	1.2432	0.387748	0.58212	-1.71786	0.145789	0.385006	-2.59736		0.16206	0.401541	-2.49041	0.136273	0.374891	-2.66744	0.712348	1.25401	1.25401	0.198803	0.436086	-2.29313	1.095	0.47835	0.52896	
cg02758507	NCOR2;NCOR2	0.454452	0.444052	1.44086	1.44086	0.328801	1.04483	1.04483	0.886067	0.823758	1.21374	0.38843	1.54356	1.54356	0.136217	2.19988	2.19988		0.316156	1.66353	1.66353	0.115926	2.29232	2.29232	0.14238	2.19388	2.19388	0.139181	2.18506	2.18506	1.09509	4.1824	3.39517	
cg23283234	MIR1204;PVT1	0.454453	0.349022	1.11869	1.11869	0.115194	0.819347	-1.22048	0.175167	0.845578	-1.18262	0.226188	0.862572	-1.15932	0.848319	0.977971	-1.02253		0.418282	0.908266	-1.101	0.234098	0.864928	-1.15617	0.965143	1.0051	1.0051	0.754549	1.03719	1.03719	1.09499	0.234696	0.190522	
cg26241746	ANXA13;ANXA13	0.454454	0.373669	0.819429	-1.22036	0.748523	0.800793	-1.24876	0.0363539	0.186292	-5.36792	0.829209	0.861917	-1.16021	0.183367	0.377203	-2.65109		0.694717	0.761536	-1.31314	0.457274	0.592838	-1.6868	0.626567	1.40307	1.40307	0.517137	1.57397	1.57397	1.09499	8.27252	6.71546	
cg27428603	RIIB8	0.454456	0.175113	0.780475	-1.28105	0.707855	0.902387	-1.10788	0.2	0.221677	2.7	0.886477	0.7	1.429553	0.364175	1.225507	0.816202	0.738032	0.449868	0.845075	-1.18349	0.953249	0.689199	0.960759	-1.04084	0.752361	1.07134	1.07134	1.09498	0.725222	0.667747	
cg25321935	PSMC3	0.454458	0.3000151	1.44214	1.44214	1.1228	1.76822	1.76822	0.231775	1.53348	1.53348	0.266984	1.48325	1.48325	0.284985	1.46022	1.46022		0.232321	1.53264	1.53264	0.0944819	1.87125	1.87125	0.848368	0.93683	-1.06743	0.934816	1.02828	1.02828	1.09498	0.205231	1.636	
cg20473125	PLA2G4E	0.454465	0.502883	0.550907	-1.81519	0.889623	0.968852	-1.15493	0.3317466	0.466317	-2.40317	0.0750115	0.197773	1.568916	0.0337734	0.318858	-3.13731		0.549499	0.588012	-1.70065	0.744124	0.724507	-1.38055	0.629498	1.29458	1.29458	0.094918	1.3337	1.3337	1.09497	0.724407	1.294585	0.69241
cg07913999	ZKSCAN1	0.454475	0.731352	0.5191	1.0591	0.800758	0.958747	-1.04303	0.751017	1.05446	1.05446	0.206598	1.24847	1.24847	0.147544	1.28906	1.28906		0.997032	1.00062	1.00062	0.645746	0.925788	-1.08016	0.582167	0.911578	-1.097	0.0603158	1.42325	1.42325	1.09494	0.481304	0.390728	
cg02780029	RET;RET	0.454477	0.133386	0.208372	-4.79911	0.999024	0.999908	-1.00009	0.920246	1.10188	1.10188	0.414413	0.445648	-2.24392	0.191666	0.262091	-3.81546		0.305986	0.358157	-2.79207	0.290562	0.34657	-2.89377	0.103314	0.177981	-5.61856	0.158048	0.231751	-4.31497	0.09494	16.2746	13.2119	
cg02076414	STIL;STIL	0.454482	0.547522	1.08883	1.08883	0.347971	0.9	1.2638	0.0618534	1.89134	1.89134	0.014	0.640433	1.2638	0.0618534	1.89134	0.014		0.4919808	1.548264	1.548264	0.0618534	1.89134	0.562017	0.0618534	1.89134	0.014	0.640433	1.2638	0.0618534	1.89134	0.014	0.640433	1.2638
cg00051008	JAG1	0.45449	0.188572	0.495843	-2.01677	0.688144	0.387679	-2.57945	0.98528	0.990753	-1.00933	0.205871	0.5107	-1.9581	0.411832	0.655373	-1.52585		0.506399	0.712137	-1.40422	0.142081	0.451675	-2.21398	0.516428	0.717995	-1.39277	0.14194	0.451529	-2.21497	0.094912	4.39721	3.5698	
cg18260640	DNAJA2	0.454497	0.127909	0.841457	-1.18884	0.152388	0.532335	-1.87753	0.220375	0.610775	1.63764	0.664315	0.174742	1.746204	0.0947571	0.257017	2.02757		0.443958	0.706254	-1.41532	0.0947571	0.257017	2.02757	0.0947571	0.257017	2.02757	0.0947571	0.257017	2.02757	0.0947571	0.257017	2.02757	
ch.2.16852968	MTHFD2;MTHFD2	0.454501	0.144273	0.508379	-1.96704	0.0935135	0.451292	-2.21586	0.156637	0.520214	-1.92228	0.592341	0.792047	-1.26255	0.304666	0.632224	-1.58172		0.471569	0.72915	-1.37146	0.094399	0.452448	-2.2102	0.574157	0.782779	-1.2775	0.49968	0.744127	-1.34386	1.09489	3.22623	2.61922	
cg13562841	TMC6;TMC6	0.454521	0.558371	0.829955	-1.20546	0.142453	0.64504	-1.54504	0.201524	0.822535	-1.07834	0.686977	0.87995	-1.13643	0.854311	0.943621	-1.05975		0.275183	0.43105	-2.31974	0.14305	0.243502	4.1066	0.042562	1.938	0.918	0.497354	1.243	1.243	0.622796	1.16944	1.16944	0.94986	1.72832	1.40318	
cg19192746	TRA2A	0.454523	0.0944052	0.646986	1.46086	0.328801	1.04483	1.04483	0.886067	0.823758	1.21374	0.38843	1.54356	1.54356	0.136217	2.19988	2.19988		0.316156	1.66353	1.66353	0.115926	2.29232	2.29232	0.14238	2.19388	2.19388	0.139181	2.18506	2.18506	1.09509	4.1824	3.39517	
cg13677859	MIR381	0.454551	0.471567	0.714279	-1.40001	0.977478	0.987113	-1.01306	0.262896	0.5849	-1.70969	0.888131	1.06681	1.06681	0.957413	1.02484	1.02484		0.296951	1.64353	1.64353	0.105984	0.444304	-2.25071	0.194663	0.532403	-1.87828	0.218437	0.551684	-1.81263	1.0948	3.56053	2.97206	
cg04098022	SLC12A7	0.454557	0.752328	0.904782	-1.10519	0.889623	0.968852	-1.15493	0.3317466	0.466317	-2.40317	0.0750115	0.197773	1.568916	0.0337734	0.318858	-3.13731		0.916544	1.08097	1.08097	0.938466	1.18431	1.01056	0.873893	1.18652	1.18652	0.834409	0.923153	-1.08324	1.09514	2.53156	2.05478	
cg05158854	BDKRB1	0.454566	0.80068	0.810418	-1.23393	0.767669	0.966883	-1.03425	0.341064	0.25964	2.25964	0.462541	0.537194	-1.86153	0.216663	0.339526	2.94529		0.761138	0.76203	-1.28832	0.451188	0.148054	-6.75427	0.663815	0.693314	-1.4382	0.301073	0.410517	-2.43595	1.09478	11.9714	9.71996	
cg13756790	KAT2A	0.454562	0.184412	2.50742	2.50742	0.547623	1.48354	1.48354	0.599948	1.40901	1.40901	0.780919	0.834881	-1.19778	0.0779343	0.275685	-3.62733		0.474519	1.60285	1.60285	0.358596	0.541501	-1.84672	0.940129	1.0498	1.0498	0.712038	0.786589	-1.27131	1.11225	7.21916	5.0484	
cg08441740	PPP3CA;PPP3CA;PPP3CA	0.454565	0.6659173	0.743279	-1.34539	0.654479	0.731226	-1.36726	0.3726	0.43527	-2.29707	0.43527	0.423237	2.362451	0.0238885	0.244394	-4.13313		0.916544	1.08097	1.08097	0.938466	1.18431	-1.01056	0.873893	1.18652	1.18652	0.834409	0.923153	-1.08324	1.09514	2.53156	2.05478	
cg05158854	BDKRB1	0.454566	0.80068	0.810418	-1.23393	0.767669	0.966883	-1.03425	0.341064	0.25964	2.25964	0.462541	0.537194	-1.86153	0.216663	0.339526	2.94529		0.761138	0.76203	-1.28832	0.451188	0.148054	-6.75427	0.663815	0.693314	-1.4382	0.301073	0.410517	-2.43595	1.09478	11.9714	9.71996	
cg13756790	KAT2A	0.454562	0.184412	2.50742	2.50742	0.547623	1.48354	1.48354	0.599948	1.40901	1.40901	0.780919	0.834881	-1.19778	0.0779343	0.275685	-3.62733		0.474519	1.60285	1.60285	0.358596	0.541501	-1.84672	0.940129	1.0498	1.0498	0.712038	0.786589	-1.27131	1.11225	7.21916	5.0484	
cg08441740	PPP3CA;PPP3CA;PPP3CA	0.454565	0.6659173	0.743279	-1.34539	0.654479	0.731226	-1.36726	0.3726	0.43527	-2.29707	0.43527	0.423237	2.362451	0.0238885	0.244394	-4.13313		0.916544	1.08097	1.08097	0.938466	1.18431	-1.01056	0.873893	1.18652	1.18652	0.834409	0.923153	-1.08324	1.09514	2.53156	2.05478	
cg09375650	FNDC1	0.454567	0.0671519	0.58671	3.58671	0.235488	0.461177	-2.16836	0.496737	1.53657	1.53657	0.524565	0.669968	-1.49261	0.216663	0.339526	2.94529		0.865079	1.11167	1.11167	0.745833	0.816716	-1.22442	0.939102	1.04871	1.04871	0.338731	0.54125	-1.84757	1.09477	0.719087	0.545552	
cg12145564	GPR152	0.454569	0.465346	0.531208	-1.88206	0.740254	0.918789	-1.08827	0.376319	0.10442	9.57509	0.104482	0.104482	9.564413	0.05209	0.024124	41.42595		0.447865	0.7048	-1.41908	0.298941	0.40014	-2.49975	0.571146	0.466402	0.95809	-1.04388	0.515374	0.56808	1.09476	0.952227	0.687747	
cg00093815	LEPROTL1;LEPROTL1	0.454569	0.601031	1.08911	1.08911	0.37083	0.861853	-1.16029	0.193641	0.24922	1.24922	0.101417	0.748148	-1.33663	0.990686	1.00189	1.00189		0.597257	0.917353	-1.09009	0.521104	0.900125	-1.11096	0.677959	0.934673	-1.06988	0.272392	1.20301	1.20301	1.09476	0.453825	0.368482	
cg00146817	RNF144B	0.454573	0.175652	0.836251	-1.19581	0.642217	0.949356	-1.05984	0.193642	0.184812	-5.41083	0.169887	0.980913	0.997037	-1.00302	0.453761	1.09941	-1.09941	0.847551	0.976383	1.02419	0.124566	0.813416	-1.22938	0.815329	0.845355	1.18318	-1.22135	0.98777	0.998098	-1.00191	0.99476	0.262382	0.2171
cg16139667	ZNF514	0.454575	0.64017	1.26005	1.26005	0.693764	0.8	1.25	0.31006	0.380273	2.62928	0.42928	0.437938	2.284378	0.0497358	0.437938	2.284378		0.421072	0.38568	0.38568	0.041871	0.393841	-2.53909	0.963165	0.852444	0.929244	1.07634	1.07476	0.27871	2.21721	
cg24438954	ANAPC7;ANAPC7	0.454577	0.765299	1.07142	1.07142	0.656331	1.10871	1.10871	0.927812	1.0211	1.0211	0.810281	1.05698	1.05698	0.962078	0.989104	-1.01102		0.6605987	0.614171	-1.62821	0.765217	1.07145	1.07145	0.0942294	0.654473	-1.52795	0.418599	0.826593	-1.20979	1.09475	0.932054	0.747441	
cg19675668	PRLHR	0.454582	0.3127717	0.680864	-1.46904	0.479971	0.9	1.2638	0.0618534	1.89134	1.89134	0.014	0.640433	1.2638	0.0618534	1.89134	0.014		0.4919808	1.548264	1.548264	0.0618534	1.89134	0.562017	0.0618534	1.89134	0.014	0.640433	1.2638	0.0618534	1.89134	0.014	0.640433	1.2638
cg02460426	PPT2;PPT2;PPT2	0.454588	0.2548808	0.805275	-1.24181	0.403926	0.71636	-1.16836	0.163194	1.31148	1.31148	0.538427	1.12017	1.12017	0.615678	0.911912	1.0966		0.586298	0.904734	-1.1053	0.856792	1.03346	1.03346	0.126382	0.73988	-1.35157	0.611427	1.09784	1.09784	0.572491	0.467285	1
cg06961289	HDGF;HDGF;HDGF	0.454591	0.27461	0.464563	-2.28462	0.0993741	0.268339	-3.72663	0.7389	1.25585	1.25585	0.528652	0.628932	-1.591	0.215591	0.404435	-2.47258		0.287149	0.44727	-2.2355	0.156821	0.331913	-3.01278	0.155355	0.330444	-3.02623	0.115557	0.409654	-2.12923	1.09471	9.19304	7.46927	
cg17675386	RG531;RG531	0.454601	0.954472	1.04859	-1.04859	0.0969249	0.745466	-1.34176	-4.54505	0.0510834	6.33716	0.163715	0.947018	1.056268	-1.05678	0.45408	0.53892	-1.85563	0.967542	0.966749	-1.03439	0.732589	0.32081	-3.12181	0.32981	0.729923	0.13378	-7.13378	0.834446	0.840354	1.18908	1.09468	0.91744	0.72333	
cg23556443	FAM138B	0.454614	0.625602	0.898199	-1.11334	0.958036	0.988577	-1.01155	0.387321	1.21345	1.21345	0.404837	1.20453	1.20453	0.951959	0.997584	-1.00242		0.790282	1.05992	1.05992	0.691794	0.916681	-1.09089	0.689431	0.916029	-1.09167	0.0277364	1.76486	1.76486	1.09467	0.826477	0.67111	
cg14553740	FAM154A	0.454627	0.2941344	0.698284	-1.43146	0.0788799	0.1	-10.077	0.2127569	0.805365	1.28112	0.446346	0.54889	-1.82852	0.0999999	0.342804	-2.91667		0.342804	0.46039	-2.17241	0.0999999	0.342804	-2.91667	0.0999999	0.342804	-2.91667	0.0999999	0.342804	-2.91667	0.0999999	0.342804	-2.91667	
cg09936907	USP5;USP5;CDCA3	0.45463	0.612139	1.15696	1.15696	0.733329	0.907088	-1.10243	0.970328	1.01066	1.01066	0.0702914	0.561616	-1.78058	0.179385	0.665864	-1.50181		0.262635	0.716744	-1.3952	0.389624	0.77772	-1.28581	0.768938	1.08763	1.08763	0.451501	1.24451	1.24451	1.09464	1.40966	1.14469	
cg10147394	RLK PQBP1;PQBP1;TIMM17B;PQBP1;TIMM 17B;PQBP1;PQBP1;PQBP1;PQBP1;PQBP	0.454634	0.632451	0.888136	-1.11342	0.738573	1.07754	1.07754	0.0429702	0.59494	-1.68084	0.69199	1.09284	1.09284	0.786256	1.06264	1.06264		0.771613	1.06704	1.06704	0.62957	0.897506	-1.11445	0.653144	0.720896	-1.38716	0.344544	0.804872	-1.24243	1.09463	0.861782	0.698804	1
cg04771154	1;PQBP1	0.454636	0.109063	0.190727	-5.24309	0.161903	0.2438	-4.10172	0.920559	0.910898	-1.09782	0.973449	1.03162	1.03162	0.258938	0.329883	-3.03138		0.111145	0.19296	-5.18241	0.94042	1.07243	1.07243	0.746896	1.35403	1.35403	0.76494	1.32397	1.32397	1.11209	15.0894	10.5533	1
cg03549705	SPN;SPN;SPN	0.454638	0.595321	0.862075	-1.16242	0.921999	0.972877	-1.02788	0.666753	0.885478	-1.12933	0.466	0.811976	-1.23156	0.472701	1.2276	1.2276		0.100093	1.6584	1.6584	0.260019	1.38458	1.38458	0.764576	1.08674	1.08674	0.172096	0.664927	-1.50392	1.09463	1.36652	1.10968	1
cg11034708	BBMAB	0.454665	0.3369003	0.7802964	1.28142	0.8408249	1.3543	1.2562	0.7	1.25585	1.25585	0.528652	0.628932	-1.591	0.215591	0.404435	-2.47258		0.287149	0.44727	-2.2355	0.156821	0.331913	-3.01278	0.155355	0.330444	-3.02623	0.115557	0.409654	-2.12923	1.09471	9.19304	7.46927	1
cg04583163	PIWIL3	0.454658	0.159613	0.830321	-1.20435	0.708195	0.954546	-1.04762	0.8847531	0.788881	-1.26601	0.793819	1.03293	1.03293	0.441252	0.907409	1.10204		0.344314	1.12809	1.12809	0.339485	1.12954	1.12954	0.989777	1.00159	1.00159	0.983006	0.997368	-1.00264	0.99459	0.265387	0.215515	1
cg15250633	RAB40B	0.454667	0.286703	2.27129	2.27129	0.406847	0.533026	-1.87608	0.444539	1.78239	1.78239	0.367782	1.98575	1.98575	0.698927	1.33401	1.33401		0.524693	0.620016	-1.61286	0.336968	2.08353	2.08353	0.0737084	4.38564	4.38564	0.275988	2.31704	2.31704	1.09457	9.53183	7.7407	1
cg18377883	HMGCS1;HMGCS1	0.454671	0.105361	0.7	1.25585	0.528652	0.628932	-1.591	0.215591	0.404435	-2.47258	0.128719	0.643877	-1.55327	0.222213	0.143252	-4.5325	0.0768447	0.160227	0.162727	-6.14456	0.0768447	0.143252	-4.5325	0.0768447	0.143252	-4.5325	0.0768447	0.143252	-4.5325	0.0768447	0.143252	-4.5325	
cg01306151	C16orf7	0.454684	0.397351	0.531093	-1.88291	0.716132	0.765929	-1.3056	0.5985	0.6784142	-1.47403	0.398566	0.531999	-1.8797	0.0421088	0.180876	-5.52865		0.328483	0.478795	-2.08858	0.14588	0.319799	-3.12696	0.156373	0.330504	-3.02568	0.576841	0.662565	-1.50929	1.09454	9.24307	7.50643	1
cg16355004	C4orf19	0.454685	0.531201	1.64242	1.64242	0.886481	1.12415	1.12415	0.820965	0.821819	1.21819	0.244651	0.368947	-2.70992	0.253077	0.25897	-3.86287		0.97903	1.02377	1.02377	0.890365	1.00302	1.00302	1.00302	0.998365	-1.00164	0.745207	1.00622	1.00622	1.09453	11.6347	9.44478	1
cg00493327	BAIAP3	0.454687	0.661327	0.83601	-1.19614	0.64758	1.20562	1.20562	0.646464	0.828914	-1.2064	0.29047	0.640363	-1.56162	0.669771	0.7	1.13149		0.165811	0.82296	0.738394	0.224691	0.24691	0.889235	0.05825	1.05825	0.44821	0.05825	1.05825	0.44821	1.36893	1.36893	1.09453	7.86147	2.32385	1
cg07050712	ZNF652;ZNF652	0.45469	0.43188	1.83501	1.83501	0.820812	0.842241	-1.18731	0.520537	0.610859	-1.63704	0.144175	0.27627	3.27827	0.896827	0.906485	-1.10316		0.919669	0.926499	-1.07933	0.149082	1.22495	1.22495	0.116799	1.63103	1.63

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S(Test)	SS(Error)	F(Error)
cg20899625	FNRA1	0.455342	0.470545	1.5801	0.628289	0.737703	-1.35556	0.414673	0.594729	-1.68144	0.683846	1.26067	1.26067	0.636254	0.743112	-1.34569	0.677811	1.29742	1.29742	0.41808	1.67307	1.67307	0.1070251	2.99342	2.99342	0.0900348	3.20416	1.20864	6.72752	5.468	1
cg12401202	SLC38A10;SLC38A10	0.455143	0.278207	0.573649	-1.74323	0.85779	0.915393	-1.09243	0.028746	0.280453	-3.56566	0.478034	0.700814	-1.42691	0.266249	0.564999	-1.76991	0.306209	0.593256	-1.68561	0.989422	0.993487	-1.00656	0.699007	0.825721	-1.21106	0.336942	0.61389	-1.62896	1.09364	4.20748	3.41976	1
cg15138289	HLA-DPB1	0.455155	0.608109	1.92285	1.92285	0.306595	3.81159	3.81159	0.0557027	0.0645309	-15.4964	0.752809	1.49092	1.49092	?	?	?	1.070586	1.619429	-1.22005	0.446474	1.16998	1.16998	0.902041	0.972655	-1.02811	0.0303986	1.75512	1.75512	0.19361	0.846514	0.688048	1
cg19012475	TOPORS;TOPORS	0.455766	0.377586	-1.88395	-1.132	0.777168	0.9392	-1.06474	0.667338	1.10031	1.10031	0.659247	1.10938	1.10938	0.741481	1.07593	1.07593	0.379884	0.819439	-1.22005	0.446474	1.16998	1.16998	0.902041	0.972655	-1.02811	0.0303986	1.75512	1.75512	0.19361	0.846514	0.688048	1
cg00903375	SBDS;TYW1	0.455169	0.462529	1.11462	1.11462	0.899511	2.32	2.32	0.96702	1.00602	1.00602	0.851467	1.02757	1.02757	0.688103	1.0603	1.0603	0.986814	1.0024	1.0024	0.117917	0.781648	-1.27935	0.61711	1.07588	1.07588	0.237379	1.19674	1.19674	0.19559	0.364628	0.296377	1
cg08943467	UPCAT1	0.455171	0.208375	1.94664	1.94664	0.527216	1.37951	1.37951	0.998075	1.00883	1.00883	0.138235	2.22903	2.22903	0.638227	0.788327	-1.26851	0.506308	1.40306	1.40306	0.158493	0.490046	-2.13199	0.622663	1.28286	1.28286	0.284188	1.74848	1.74848	0.09358	4.3685	3.55082	1
cg01041222	GRIA2;GRIA2;GRIA2	0.455193	0.919744	0.987106	-1.01306	0.7475599	0.959273	-1.04246	0.521278	1.08732	1.08732	0.144201	1.22387	1.22387	0.587759	0.931944	-1.07303	0.102827	0.794668	-1.25839	0.822418	0.971467	-1.02937	0.331977	0.879072	-1.13756	0.375758	1.12419	1.12419	0.19554	0.287209	0.233459	1
cg05670488	UBE2L3;UBE2L3;UBE2L3	0.455195	0.599242	1.10786	1.10786	0.899736	1.02465	1.02465	0.835879	0.835879	-1.19634	0.850707	0.964256	-1.03707	0.246061	1.26408	1.26408	0.774247	0.945961	-1.05713	0.108057	0.731459	-1.40313	0.18934	1.1082	1.1082	0.444425	2.16254	2.16254	0.09954	0.6442297	0.525347	1
cg20386818	MARK1	0.455196	0.465822	1.2641	1.2641	0.119033	0.5361111	1.79616	0.7803806	1.29231	1.29231	0.159197	0.8454996	1.06354	1.06354	0.348879	1.35598	1.35598	0.3614467	1.34476	0.953912	0.983915	-1.01842	0.364182	0.744938	1.34239	0.19353	1.72604	1.40376	1
cg20504202	TSR2	0.455204	0.294626	0.377599	-2.64832	0.369195	0.437643	-2.28497	0.613881	0.631908	-1.57752	0.210457	3.2622	3.2622	0.219008	3.18449	3.18449	0.204137	0.300963	-3.32267	0.358736	0.429307	-2.32934	0.965235	1.03983	1.03983	0.739369	1.34872	1.34872	1.09552	13.9042	11.3024	1
cg16132927	C6orf129	0.455213	0.281812	1.534617	1.99001	0.338308	0.598529	-1.07676	0.370256	0.594041	1.24619	1.24619	0.636264	0.795978	1.25617	1.25617	0.204155	0.496868	2.012351	2.012351	0.108126	0.363896	-2.74804	0.101059	0.550077	-1.81629	0.394384	0.604672	-1.65379	1.0935	5.7395	4.6818	1
cg08118967	BCL11B;BCL11B	0.455219	0.791731	1.12348	1.12348	0.125002	2.0763	2.0763	0.213834	0.562233	-1.77863	0.62345	1.24322	1.24322	0.47202	1.38154	1.38154	0.10751	2.1658	2.1658	0.35135	1.52216	1.52216	0.547916	1.3067	1.3067	0.87807	0.934689	-1.06988	1.03949	3.35203	2.72484	1
cg22685442	ACO3;ACOX3	0.455219	0.894782	0.9387	-1.06531	0.582357	0.766799	1.03412	0.128177	0.455562	-2.1951	0.775662	1.14636	1.14636	0.104854	0.428556	-2.33142	0.280584	0.58497	-1.70949	0.509491	1.37698	1.37698	0.401801	1.59888	1.59888	0.997793	0.998679	-1.00132	1.09449	3.95819	3.21759	1
cg20088403	STOX2	0.455226	0.479053	1.41952	1.45162	0.0520992	1.3454	1.3454	0.104359	1.73618	1.73618	0.16924	2.05333	2.05333	0.263509	1.8304	1.8304	0.112286	2.45155	2.45155	0.445999	1.49615	1.49615	0.669841	1.24912	1.24912	0.672695	1.24654	1.24654	1.09347	6.65832	5.78676	1
cg09337248	VSTM2L	0.455229	0.625527	1.09317	1.09317	0.65211	0.921088	-1.08567	0.434566	0.865532	-1.15536	0.826605	0.961043	-1.04054	0.457438	0.872028	-1.14675	0.902833	0.978121	-1.02237	0.0555106	0.148152	1.48152	0.220774	0.792028	-1.26258	0.623109	1.09447	1.09447	1.09347	0.568149	0.461852	1
cg27632248	IAR52	0.455236	0.823877	1.09317	1.05739	0.645127	0.976574	-1.14099	0.891192	0.960535	-1.03486	0.437403	1.21933	1.21933	0.83792	0.950028	-1.05261	0.506309	1.40306	1.40306	0.158493	0.490046	-2.13199	0.622663	1.28286	1.28286	0.284188	1.74848	1.74848	0.09358	4.3685	3.55082	1
cg08769451	OPCML;OPCML	0.455237	0.862451	1.0678	1.0678	0.130542	1.854663	1.854663	0.151173	1.78938	1.78938	0.774191	0.896896	-1.11496	0.848421	1.07507	1.07507	0.389002	1.39648	1.39648	0.67791	1.17116	1.17116	0.723786	1.14365	1.14365	0.052381	2.30381	2.30381	0.19345	2.47818	2.01456	1
cg16170096	UNC5C	0.455247	0.840527	1.09317	1.09317	0.86656	1.04397	1.04397	0.144679	0.733475	-1.36535	0.481114	1.19596	1.19596	0.880166	0.962134	-1.03936	0.404162	1.24411	1.24411	0.206844	0.558631	-1.79009	0.510361	0.842943	-1.18632	0.715205	1.09792	1.09792	1.09343	1.51986	0.921751	1
cg08625260	RS2	0.455268	0.121881	1.731498	1.36706	0.240127	1.25777	1.25777	0.275107	1.2358	1.2358	0.617612	1.09545	1.09545	0.146544	1.34042	1.34042	0.599661	1.10382	1.10382	0.969614	0.999279	-1.00072	0.665432	0.922079	-1.08451	0.911927	1.02085	1.02085	1.09341	0.6020598	0.489477	1
cg03969957	C10orf4	0.45526	0.735214	1.10968	1.10968	0.411274	1.2938	1.2938	0.793893	1.08358	1.08358	0.137946	1.63189	1.63189	0.809627	1.0768	1.0768	0.412547	1.29286	1.29286	0.140836	0.615302	-1.62522	0.285137	0.711506	-1.40547	0.526937	0.821568	-1.21718	1.09341	1.62773	1.32327	1
cg20925726	CTNNB1;CTNNB1;CTNNB1	0.455262	0.859746	1.040276	1.06374	0.762788	1.665033	-1.56369	0.59404	0.638784	-1.6162	0.358877	0.731496	-1.36614	0.141455	1.41455	1.41455	0.269223	1.49483	1.49483	0.057991	0.669134	1.48063	0.424001	0.752231	-1.32938	0.0934	2.11392	1.71852	1.09341	13.1986	0.921751	1
cg14083890	PHL2;PPIL2;PHL2	0.455264	0.938472	1.01403	1.01403	0.203989	1.27375	1.27375	0.904691	1.02186	1.02186	0.271413	1.22955	1.22955	0.79897	1.04714	1.04714	0.032761	1.56962	1.56962	0.78813	0.952547	-1.04982	0.963084	1.00839	1.00839	0.725278	0.938306	-1.06575	1.0934	0.564113	0.4586	1
cg11255154	STAT1;STAT1	0.455267	0.446504	0.828502	1.207	0.291892	1.96353	1.30363	0.842003	1.04025	1.04025	0.270802	1.32442	1.32442	0.667295	1.1055	1.1055	0.154855	0.59542	-1.06258	0.0616637	0.600294	-1.66585	0.155157	0.865275	-1.15567	0.603077	0.858501	-1.16564	1.09339	0.603077	0.858501	1
cg08668510	IDI1	0.455273	0.278765	0.248216	-4.02874	0.435739	0.67492	2.67492	0.784751	1.40322	1.40322	0.413493	0.355422	-2.81356	0.913749	0.874537	-1.14346	0.615484	0.534396	-1.87127	?	?	?	0.0452374	-0.0582818	-17.158	0.944811	0.917905	-1.08944	1.08542	23.3952	21.554	1
cg08122953	CBFA2T3;CBFA2T3	0.455282	0.606303	0.679509	-1.47165	0.173708	2.93224	2.93224	0.248815	2.44968	2.44968	0.485828	0.590748	-1.69277	0.069134	0.258128	-3.87405	0.569533	1.533	1.533	0.743329	0.783315	-1.27663	0.676042	0.731995	-1.36613	0.740216	0.780895	-1.28058	1.09337	9.56618	7.77715	1
cg07287293	C11orf53;C11orf53	0.455292	0.31321	1.7966	1.7966	0.644227	0.879074	-1.14099	0.891192	0.960535	-1.03486	0.437403	1.21933	1.21933	0.83792	0.950028	-1.05261	0.506309	1.40306	1.40306	0.158493	0.490046	-2.13199	0.622663	1.28286	1.28286	0.284188	1.74848	1.74848	0.09358	4.3685	3.55082	1
cg27587645	BTBD2	0.455296	0.208029	0.796523	-1.25546	0.213799	0.799044	-1.2515	0.534	0.897675	-1.11399	0.942083	0.987625	-1.01253	0.928528	1.01549	1.01549	0.632116	1.08618	1.08618	0.0379025	0.661967	-1.51065	0.557688	0.903376	-1.10696	0.820245	0.961744	-1.03978	1.09334	0.508606	0.413499	1
cg25536853	GPSM3;NOTCH4	0.455296	0.433362	1.2025	1.22625	0.303668	0.914273	-1.09376	0.199511	1.50574	1.50574	0.699702	1.09537	1.09537	0.955332	0.980447	-1.01923	0.828891	1.05208	1.05208	0.609004	0.882854	-1.13294	0.364766	1.29641	1.29641	0.892478	0.987678	-1.01223	0.939134	0.952577	0.77445	1
cg13277160	FAM119A;FAM119A	0.455297	0.791446	0.949063	-1.05367	0.394712	1.18763	1.18763	0.722032	1.07301	1.07301	0.763501	0.942209	-1.06134	0.777334	1.05752	1.05752	0.214252	1.72641	1.72641	0.129426	0.904325	1.024	1.024	0.56397	1.20109	0.248432	1.56019	1.56019	1.09334	0.673841	0.547837	1
cg23429047	HS6ST1	0.455314	0.242393	0.70797	-1.41249	0.342222	0.758639	-1.31815	0.0644222	0.556301	-1.79759	0.45716	0.807561	-1.2383	0.341992	0.758533	-1.31833	0.720295	1.10682	1.10682	0.54113	1.1908	1.1908	0.722942	1.1057	1.1057	0.282873	0.729811	-1.37022	1.0933	1.37966	1.12171	1
cg16101703	SPIS12;SPIS12	0.455317	0.399663	0.808145	0.774334	1.1315	1.07078	1.07078	0.154155	1.61155	1.61155	0.648248	0.888314	-1.12511	0.373153	0.842603	-1.18692	0.705021	1.09782	1.09782	0.39951	1.25077	0.952761	1.05143	1.05143	0.808349	1.03358	1.03358	1.0933	0.952577	0.77445	1	
	PDLIM5;PDLIM5;PDLIM5;PDLIM5;PDLI																																
cg07319098	M5	0.45532	0.352286	1.23568	1.23568	0.877582	1.03467	1.03467	0.267204	1.29117	1.29117	0.711234	0.921079	-1.08568	0.917915	1.02305	1.02305	0.426826	1.19648	1.19648	0.059233	0.634451	-1.60139	0.424926	0.835145	-1.1974	0.83724	0.955542	-1.04653	1.09329	0.846352	0.688118	1
cg03784793	LSAMP	0.455321	0.155989	0.365008	-2.73967	0.483163	1.60515	1.60515	0.83075	1.15273	1.15273	0.552357	1.4906	1.4906	0.210543	0.416417	-2.40144	0.339137	0.519848	-1.92364	0.476384	0.618272	-1.61741	0.186023	2.5371	2.5371	0.888283	1.09783	1.09783	1.09329	6.364357	6.20722	1
cg08522176	ROBO3;ROBO3	0.455323	0.474362	0.432249	-2.31027	0.10259	7.813	7.813	0.642968	1.71133	1.71133	0.519139	0.471341	-2.12161	0.629885	0.571872	-1.74864	0.688409	0.628791	-1.59035	0.551407	0.499783	-2.00087	0.102223	0.83335	0.727412	1.49594	1.49594	1.09328	22.9364	18.6483	1
cg05399718	PITPNM2	0.455324	0.382614	1.2007	1.2007	0.291892	1.96353	1.30363	0.842003	1.04025	1.04025	0.270802	1.32442	1.32442	0.667295	1.1055	1.1055	0.154855	0.59542	-1.06258	0.0616637	0.600294	-1.66585	0.155157	0.865275	-1.15567	0.603077	0.858501	-1.16564	1.09339	0.603077	0.858501	1
cg11626744	BCYRN1;TAF1;TAF1	0.455347	0.195793	0.202103	-4.94798	0.16909	0.180435	-5.54215	0.768497	0.708233	-1.41197	0.153948	0.95372	0.95372	0.903424	0.867729	-1.15243	0.615484	0.534396	-1.87127	?	?	?	0.0452374	-0.0582818	-17.158	0.944811	0.917905	-1.08944	1.08542	23.3952	21.554	1
cg02717673	RBM41;RBM41	0.455354	0.204192	0.40429	-2.47211	0.373243	0.964553	-1.03675	0.664209	0.64374	-2.15638	0.167007	0.64796	0.64796	0.0766	0.799822	-1.25028	0.681442	1.12327	1.12327	0.50542	0.881852	1.02416	0.220774	0.792028	-1.26258	0.623109	1.09447	1.09447	1.09347	0.568149	0.461852	1
cg12465704	SYPL2	0.455372	0.83216	1.14069	1.14069	0.790555	0.29837	-3.35154	0.213189	0.25486	2.25486	0.709591	0.79293	-1.26115	?	?	?	0.668512	1.28768	1.28768	0.531762	0.675091	-1.48128	0.330566	1.86397	1.86397	0.803607	1.16713	1.16713	1.08522	1.87731	1.54175	1
cg14177930	C5orf45;C5orf45	0.455373	0.880654	0.969053	-1.03194	0.619943	0.900679	-1.11027	0.059669	0.641024	-1.56001	0.932161	1.01797	1.01797	0.12859	1.41013	1.41013	0.921745	0.97965	-1.02077	0.671066	1.0935	1.0935	0.686355	1.08865	1.08865	0.497224	1.15513	1.15513	1.09319	0.758023	0.616361	1
cg27496592	UBA1	0.455406	0.237807	1.2025	1.22625	0.303668	0.914273	-1.09376	0.199511	1.50574	1.50574	0.699702	1.09537	1.09537	0.955332	0.980447	-1.01923	0.828891	1.05208	1.05208	0.609004	0.882854	-1.13294	0.364766	1.29641	1.29641	0.892478	0.987678	-1.01223	0.939134	0.952577	0.77445	1
cg10773670	NAT1	0.455411	0.848382	1.04084	1.04084	0.640192	0.908669	-1.10051	0.529753	1.1424	1.1424	0.883606	0.969829	-1.03111	0.608083	0.897722	-1.11393	0.755139	0.935731	-1.06863	0.0724965	0.657637	-1.5206	0.20838	1.31966	1.31966	0.241548	2.2923	1.29223	1.09311	0.757175	0.615713	1
cg20707680	LOC134466	0.455413	0.134448	1.6566	1.6566	0.644227	0.879074	-1.14099	0.891192	0.960535	-1.03486	0.437403	1.21933	1.21933	0.83792	0.950028	-1.05261	0.506309	1.40306	1.40306	0.158493	0.490046	-2.13199	0.622663	1.28286	1.28286	0.284188	1.74848	1.74848	0.09358	4.3685	3.55082	1
cg17129645	FAM59B	0.455414	0.518726	1.27627	1.27627	0.529831	1.26786	1.26786	0.672094	1.17205	1.17205	0.549969	0.798081	-1.25301	0.959062	0.981041	-1.01933	0.632116	1.08618	1.08618	0.0379025	0.661967	-1.51065	0.557688	0.903376	-1.10696	0.820245	0.961744	-1.03978	1.09334	0.508606	0.413499	1
cg08551560	CHTF8;CHTF8;CRH1A;CHTF8;CHTF8	0.455414	0.128022	1.33912	1.33912	0.934668	1.01222	1.01222	0.786961	1.04928	1.04928	0.508822	0.885734	-1.1302	0.376168	0.890213	-1.12353	0.670026	1.079	1.079	0.176311	0.70683	-1.41483	0.556555	1.4697	1.4697	0.662358	0.93407	-1.08114	1.09311	0.545861	0.44388	1
cg04762213	BAT2	0.455415	0.187545	1.32545	1.32545	0.263362	0.710041	-1.40837	0.399703	0.93907	-1.0907	0.0912503	0.580557	-1.72348	0.244666	0.796286	-1.25583	0.205339	0.676631	-1.47791	0.926409	0.973354	-1.02738	0.263796	0.711351	-1.40578	0.357911	1.31837	1.31837	1.09311	1.47986	1.20321	1
cg16311946	INPP5A	0.455416	0.51273	0.644539	-1.5515	0.0546322	0.23638	-4.23048	0.0816316	0.278929	-3.58514	0.967571	0.973462	-1.02726	0.86297	0.891997	-1.12108	0.504867	0.639105	-1.56469	0.792027	0.839594	-1.19105	0.247395	0.449268	-2.22584	0.83374	1.1492	1.1492	1.0931	7.57784	6.16215	1
cg04549153	SPPL3;SPPL3;SPPL3	0.455419	0.282691	0.702392	0.737492	1.35607	1.43615	-1.43615	0.0178773	0.31848	-3.14056	0.102382	0.38708	0.609115	1.54064	1.54064	0.264133	0.553924	1.80642	1.80642	0.0153885	0.432803	-2.31097	0.0653544	0.411823	-2.42823	0.922564	1.08489	1.08489	1.09311	0.545861	0.44388	1
cg26274891	RASA3	0.455424	0.682813	0.860079	-1.16258	0.387072	0.722333	-1.3844	0.316982	1.46158	1.46158	0.572522	1.23271	1.23271	0.424828	0.741551	-1.34853	0.684069	0.860627	-1.16194	0.113605	0.550138	-1.81693	0.138966	0.557493	-1.79374	0.453727	1.32313	1.32313	1.09309	2.30371	1.89487	1
cg17377594	FLJ42289;FLJ42289	0.455434	0.093008	1.79085	1.70695	0.652106	0.876924	-1.14033	0.928623	1.20221	1.20221	0.66604	1.13387	1.13387	0.135292	0.627653	-1.59353	0.659921	1.1695	1.1695	0.0805121	0.423754	-2.36155	0.168865	0.716805	-1.39544	0.19742	1.41408	1.41408	0.97192	1.01005	1.00307	1.44014	1.17861	1
cg07244379	DAG1;DAG1	0.455436	0.554725	1.07742	1.07742	0.140643	0.820541	-1.21871	0.783674	0.966206	-1.03498	0.146331	1.21482	1.21482	0.593761	0.990239	-1.00986	0.233505	1.16865	1.16865	0.0147958	0.32019	-3.12239	0.0115	0.560043	1.67631	1.67631	0.216723	1.17651	1.17651	1.09306	0.2696614	0.219253	1
cg25178784	C11orf2	0.455439	0.628866	0.67954	-1.47158	0.110928	3.96566	3.96566	0.361012	2.1062	2.1062	0.829555	0.842809	-1.18651	0.17292	0.316472	-3.15983	0.280351	0.410587	-2.43554	0.39023	0.495379	-2.01054	0.58578	0.892242	-1.12077	0.640875	0.688889	-1.45161	1.09306	10.8936	8.85885	1
	SAP(S);SAP(S);SAP(S);SAP(S);SAP(S																																
cg08621277	3	0.455439	0.357297	0.483046	-2.0702	0.693928	1.43733	1.43733	0.395806	1.95108	1.95108	0.89356	0.902224	-1.10837	0.0732938	0.215445	-4.64155	0.68985	0.734689	-1.36112	0.257036	0.402845	-2.48234	0.898884	0.90691	-1.10265	0.16347	0.318833	-3.13644	0.99306	10.2269	8.31661	1
cg05250969	OSGEP;APEX1;APEX1;APEX1	0.455444	0.277613	0.304156	-3.28779	0.392071	0.407687	-2.45286	0.200737	0.44396	4.34946	0.402886	0.469229	-2.13093	?	?	?	?	4.34917	?	0.0148438	0.509997	-1.96079	?	?	0.749476	0.729093	-1.37005	1.09305	1.27425	10.3021	4.04239	1
cg05561386	DNAH17	0.455447	0.72926	0.810845	-1.23328	0.148586	0.392581	-2.54724	0.335884	1.82	1.82	0.512183	1.49357	1.49357	0.691418	0.656036	-1.52431	0.171654	0.415542	-2.40649	0.191696	0.434269	-2.30272	0.438345	0.620616	-1.6113	0.672216	1.29282	1.29282	1.09304	6.30448	5.12695	1
cg27072749	CR63;CR83	0.45545	0.989354	1.01246	1.01246	0.045129	8.4374	8.4374	0.851293	0.840199	-1.19019	0.740883	0.735001	-1.36054	0.72437	1.38885	1.38885	0.381402	0.434775	-2.30004	0.860954	1.17664	1.17664	0.200015	0.51139	3.51139	0.368198	2.35732	2.35732	1.09304	14.9009	12.1178	1
	MOG;MOG;MOG;MOG;MOG;MOG;MOG;M																																
cg13735177	OG;MOG;MOG;MOG;MOG	0.455452	0.252388	1.14374	1.14374	0.393655	2.30965	2.30965	0.477938	0.500971	-1.99612	0.537948	1.72333	1.72333	0.788989	1.29302	1.29302	0.519585	1.86904	1.86904	0.0490625	0.60659	0.60659	0.186937	0.378493	0.378493	0.372885	0.24224	2.40224	1.09303	15.8888	12.9212	1
cg12337011	MRPL33;MRPL33	0.455453	0.7392	0.8139	1.14857	0.514855	1.448057	-1.26186	0.64313	0.780675	-1.30196	0.612513	1.3349	1.3349	0.534779	1.27355	1.27355	0.529196	1.40437	1.40437	0.137525	0.72306	-1.38306	0.101651	0.877321	1.13959	0.75511	0.769719	1.18059	1.18059	1.09303	1.5368	0.50272	1
cg09365847	NRP1;NRP1;NRP1 PARVG;PARVG;PARVG;PARVG;PARVG;P	0.455459	0.840225	0.956053	-1.04597	0.80093	1.05786	1.05786	0.275964	1.287	1.287	0.20263	1.34915	1.34915	0.31606	1.25959	1.25959	0.659084	0.90588	-1.1039	0.0765317	0.644908	-1.55061	0.876843	0.966061	-1.03513	0.952214	1.01343	1.01343	1.09302	0.858086	0.697832	1
cg12257728	ARVG;PARVG	0.455467	0.640755	1.20521	1.20521	0.860632	0.932586	-1.07229	0.336112	0.674417	-1.48276	0.698722	0.856872	-1.16704	0.11593	1.97115	1.97115	0.0807629	2.15786	2.15786	0.662534	1.19054	1.19054	0.516683	1.29839	1.29839	0.652816	0.8354	-1.19703	1.093	2.73048	2.22057	1
cg24012887	TRMT1;NACC1;TRMT1;TRMT1	0.455471	0.789523	1.25982	1.25982	0.164811	0.278218	-3.59431	0.599262	0.632697	-1.58053	0.683435	1.42469	1.42469	0.506984	1.78819	1.78819	0.491957	1.8268	1.8268	0.187255	0.34245	0.34245	0.184952	0.36622	0.36622	0.217899	0.06182	0.06182	1.093	12.9023	10.4929	1
cg24357736	ABCC5	0.455472	0.106752	1.68271	1.68271	0.188353	0.188353	-3.01178	0.108201	0.167843	-1.67847	0.448199	0.158283	2.16821	0.0182	0.464928	2.15244	0.0795204	2.17344	2.17344	0.0139477	0.160561	0.87944	-1.13802	0.548473	1.33335	1.33335	0.0139477	0.160561	0.87944	-1.13802	0.548473	1.33335	1.33335	0.0139477	0.160561	0.87944	-1.13802	0.548473	1.33335	1.33335	1.09301	0.836576	0.695328	1
cg05032903	PCDH19;PCDH19	0.455481	0.170088	1.44253	1.27206	0.948635	0.917687	-1.0897	0.715072	0.631342	-1.63041	0.205325	5.93942	5.93942	0.554344	2.22371	2.22371	0.131019	2.113724	2.113724	0.876993	1.26393	1.2639	0.343463	1.196475	-5.08971	0.832616	1.32602	1.32602	1.09298	10.7727	25.0266	1
cg03095814	TTYH3	0.455486	0.857363	0.954102	-1.04811	0.559331	0.857113	-1.

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg23770271	ITGA2;ITGA2	0.455809	0.155787	0.494855	-2.02079	0.970832	0.983262	-1.01702	0.0713879	0.393472	-2.54148	0.683443	0.20915	1.20915	0.2199991	0.550224	1.83734	0.315328	0.618192	-1.61762	0.361058	0.647303	-1.54487	0.825048	0.902525	-1.108	0.230776	0.558585	-1.79024	1.09228	3.71222	3.02099	1
cg21212076	FAM166B;FAM166B	0.455852	0.28316	1.85324	1.85324	0.218174	2.04771	2.04771	0.171473	0.814205	-1.22819	0.825331	1.13008	1.13008	0.626606	1.1316	1.1316	0.894137	1.07644	1.07644	0.134438	2.67059	2.67059	0.07673115	2.97163	2.97163	0.282034	1.85613	1.85613	1.09225	5.29488	4.30905	1
cg22777668	LAG3	0.455854	0.58185	0.801157	-1.24819	0.112239	1.99231	1.99231	0.454058	1.35525	1.35525	0.315681	0.66131	-1.51215	0.477452	0.749824	-1.33365	0.479517	1.33179	1.33179	0.639448	0.82855	-1.20693	0.348411	1.46933	1.46933	0.297592	0.650235	-1.53791	1.09225	2.74857	2.23683	1
cg13242661	ADI49K2	0.455859	0.990284	0.996735	-1.00318	0.887464	1.03867	1.03867	0.130815	0.2740973	1.35801	1.35801	0.581118	0.862684	-1.16166	0.4894	1.20782	1.20782	1.20782	0.53171	0.845314	-1.18209	0.04398837	0.536561	-1.86337	0.933919	1.02255	1.02255	0.4034498	0.794641	-1.25843	1.09224	1.25001	1.01786	1
cg01634998	SLC12A5	0.455859	0.168116	0.640877	-1.56036	0.726827	0.899213	-1.11208	0.240341	1.44622	1.46622	0.860146	0.15487	1.05487	0.249986	0.69479	-1.43928	0.116114	0.596155	-1.67742	0.867447	0.1019	0.0519	0.644986	1.15088	1.15088	0.660437	1.14328	1.14328	1.09224	1.58711	1.29163	1
cg25361907	ZNF793	0.455868	0.197764	1.495986	1.495986	0.684988	1.19906	1.19906	0.943728	0.9680907	-1.03192	0.399816	1.46763	1.46763	0.404241	1.348656	-2.86816	0.735293	0.859805	-1.16305	0.662666	0.8225518	-1.21578	0.720586	1.17329	1.17329	0.425339	0.696026	-1.43673	1.09222	3.4274	2.78935	1
cg18786515	MSRA;MSRA;MSRA	0.455871	0.761087	1.18186	1.18186	0.182756	2.16986	2.16986	0.180452	2.17986	2.17986	0.906589	1.06643	1.06643	0.0803557	0.34549	-2.89444	0.892103	1.07719	1.07719	0.402112	1.55973	1.55973	0.878628	1.08733	1.08733	0.896126	1.07419	1.07419	1.09221	5.193	4.22628	1
cg16575461	SKI	0.455879	0.574965	1.79415	1.79415	0.0854453	7.11047	7.11047	0.0100276	8.88387	8.88387	0.504271	1.9263	1.9263	0.50575	0.495375	-2.01379	0.636056	0.615158	-1.63267	0.732979	1.44207	1.44207	0.501083	2.02527	2.02527	0.973675	1.03463	1.03463	1.0922	18.4127	14.9852	1
cg26898077	TCRG1;TCRG1	0.455881	0.344147	0.725045	-1.37922	0.553231	1.21885	1.21885	0.146368	0.781841	-1.27903	0.681978	1.52946	1.52946	0.0719871	0.654281	-1.52844	0.660884	1.15354	1.15354	0.275641	1.60647	1.60647	0.971888	0.98844	-1.0117	0.183429	0.627698	1.59312	1.0922	1.88316	1.53262	1
cg21206277	ZBTB7A	0.455886	0.30833	2.00565	2.00565	0.0731624	3.73539	3.73539	0.0965561	3.33414	3.33414	0.235352	2.27254	2.27254	0.383988	1.80253	1.80253	0.314203	1.98773	1.98773	0.442335	1.67707	1.67707	0.421544	1.71934	1.71934	0.186376	2.52093	2.52093	1.09218	7.53593	6.13322	1
cg05089161	PHACTR3;PHACTR3;PHACTR3	0.455889	0.361557	1.662604	1.662604	0.0995211	2.00511	2.00511	-1.02416	0.389509	1.62128	1.62128	1.16097	1.23866	0.0772911	1.73333	0.694118	1.73333	1.73333	0.694118	1.73333	1.73333	1.73333	0.694118	2.29901	2.29901	0.0892041	-1.12455	0.956759	1.0297	1.0297	0.0921818	5.04107	4.10276	1
cg12607188	LEAP-1	0.455891	0.191494	0.346514	-2.88589	0.0593186	0.195612	-5.11216	0.543133	0.623921	-1.60277	0.761663	1.26256	1.26256	0.381363	0.341744	-2.92617	0.427978	0.537823	-1.85935	0.583359	0.545615	-1.52855	0.717984	1.32044	1.32044	0.65989	1.40411	1.40411	1.09218	10.1604	8.26925	1
cg23035241	ARHGAP26;ARHGAP26	0.455894	0.858188	1.049737	1.049737	0.112377	1.76267	1.76267	0.0883464	1.85266	1.85266	0.925291	0.969711	-1.03124	0.713236	0.909624	-1.09933	0.964557	0.985534	-1.01466	0.759623	1.1023	1.1023	0.100943	1.80238	1.80238	0.976602	1.00966	1.00966	1.09217	1.8602	1.51397	1
cg15391883	SLC39A11;SLC39A11	0.455901	0.08386898	1.48992	1.48992	0.446336	1.17562	1.17562	0.283666	1.26133	1.26133	0.557867	1.13148	1.13148	0.607324	0.8975588	-1.1141	0.131053	1.4047	1.4047	0.183495	1.94198	1.94198	0.769713	0.940646	-1.0631	0.565566	1.1287	1.1287	1.09216	0.751502	0.611636	1
cg06181518	EYA4;EYA4;EYA4	0.455902	0.886018	0.93769	-1.06645	0.286345	0.608576	-1.64318	0.907565	1.05348	1.05348	0.605661	1.26134	1.26134	0.101084	0.446917	-2.23755	0.167431	0.516821	-1.9349	0.92808	0.960315	-1.04132	0.388818	1.63869	1.63869	0.331975	0.638304	-1.56665	1.09215	3.48011	2.83242	1
cg04518972	UBE2E2	0.455903	0.721584	1.072516	1.072516	0.620418	1.01823	1.01823	0.150115	1.35271	1.35271	0.999071	0.999722	-1.00023	0.545292	1.122735	-1.12735	0.69864	1.09216	1.09216	0.100316	0.702891	-1.4227	0.333753	0.822644	-1.21559	0.316626	0.816496	-1.22475	1.09215	0.660331	0.598853	1
cg08863459	CYP26B1	0.455904	0.29621	0.7825	-1.27796	0.451661	1.18963	1.18963	0.088158	1.53124	1.53124	0.922952	1.02215	1.02215	0.109918	1.48375	1.48375	0.652004	0.90231	-1.10827	0.696171	0.9149737	-1.09293	0.944972	1.01575	1.01575	0.825925	1.05114	1.05114	1.09215	0.886802	0.721832	1
cg12367621	MORN4;MORN4	0.455911	0.976889	1.01705	1.01705	0.301806	0.53562	-1.86699	0.595868	1.3693	1.3693	0.932595	1.05061	1.05061	0.0463029	0.78958	3.78958	0.978918	0.984697	-1.01554	0.479649	0.656806	-1.52252	0.952339	0.574061	-1.74197	0.627689	0.751845	-1.33006	1.09214	5.80151	4.79508	1
cg20959866	AIAP1;AIAP1	0.455912	0.693964	1.094535	1.094535	0.210451	1.44183	1.44183	0.157867	2.78719	2.78719	0.60142	1.45552	1.45552	0.375279	0.532041	-1.9159	0.554698	1.53646	1.53646	0.311812	2.10682	2.10682	0.095853	3.67908	3.67908	0.188292	2.69884	2.69884	1.09213	8.77375	7.14096	1
cg02535421	ZF90	0.455914	0.0380994	0.413173	-2.42029	0.496852	0.775965	-1.28872	0.598873	1.21552	1.21552	0.904864	1.04494	1.04494	0.697519	1.15444	1.15444	0.817277	1.08882	1.08882	0.48952	1.2945	1.2945	0.291045	0.668406	-1.4961	0.601262	0.823763	-1.21394	1.09213	2.33845	1.90327	1
cg17480086	INPP5B	0.455915	0.816531	0.973224	-1.02697	0.219442	1.17211	1.17211	0.111004	1.23423	1.23423	0.875635	1.01916	1.01916	0.490939	1.0885	1.0885	0.229676	0.85833	-1.16506	0.485196	0.919162	-1.08777	0.690494	0.953536	-1.04873	0.316975	1.13359	1.13359	1.09213	0.254105	0.206818	1
cg24198128	UBAS2;UBAS2	0.455933	0.100069	0.717695	-1.39335	0.896161	0.976247	-1.02433	0.452448	1.15132	1.15132	0.952655	1.01099	1.01099	0.386128	1.17769	1.17769	0.353895	0.838965	-1.19194	0.190968	0.774991	-1.29034	0.527183	0.888749	-1.12518	0.402394	1.17088	1.17088	1.09209	0.58615	0.477085	1
cg10101978	SLC26A2	0.455939	0.904932	0.97976	1.02062	0.7679	1.24449	1.24449	0.0827	1.38027	1.38027	0.863651	1.17744	1.17744	0.0819562	1.01935	1.01935	0.587788	0.870598	-1.14886	0.708183	0.728334	1.13004	1.13004	0.708819	0.622165	1.13004	1.13004	1.09208	0.0537883	1.45478	1.24578	1
cg18280962	ALMS1P	0.455944	0.845512	0.925999	-1.07902	0.401824	0.713072	-1.40238	0.340597	0.679054	-1.47264	0.878002	1.06241	1.06241	0.443431	0.734944	1.36065	0.101105	0.02911	0.02911	0.509674	0.768283	-1.3016	0.500718	1.30914	1.30914	0.173904	0.565449	-1.76851	1.09207	2.68652	2.18668	1
cg25594705	ADSSL1;ADSSL1	0.455948	0.09180804	0.277866	-3.59886	0.346259	0.512123	-1.95265	0.229642	0.410931	-2.43609	0.221067	0.4531	0.4531	0.559997	-1.78572	0.126997	0.320229	0.312276	0.417531	0.564624	-1.77109	0.325487	0.786095	0.116696	-8.5661	0.0996	0.161849	-2.76358	1.09206	8.23271	6.70105	1
cg20908942	CHST11	0.455949	0.488322	1.072516	1.072516	0.620418	0.914661	-1.09353	0.143765	0.84896	-1.17806	0.44349	1.51229	1.51229	0.240712	0.512035	-1.95311	0.255281	0.227455	0.44349	0.552299	0.240711	-4.15382	0.167094	0.098722	-10.1274	0.098742	0.098722	-10.1274	0.098742	0.098722	-10.1274	0.098742

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ILMN_1652308	TRAF3IP2	0.4564448	0.976226	0.98505	0.020367	1.2014477	0.20767	1.207657	0.76707	0.787129	1.22123	1.222123	0.246849	0.408967	0.24019	0.609566	0.683646	1.46275	0.717836	0.76495	0.30725	0.458578	0.07956043	0.237598	0.42037	0.67542	1
ILMN_1653023	PANK4	0.4564453	0.496432	0.855552	0.016884	0.28192	0.776754	1.28741	0.968772	0.991195	1.00888	0.966642	0.990597	1.00949	0.936289	1.01823	1.01823		0.150346	0.705876	0.41668	0.196195	0.734353	0.124867	1.45547	1.45547	0.605126	0.88884	1.12506	1.09108	0.882004	0.718558	1
ILMN_1653057	TNFRSF14	0.4564457	0.870296	0.953395	0.04888	0.1012299	0.168878	1.68878	0.349806	1.32456	1.32456	0.07616878	0.177941	1.77941	0.958758	1.01522	1.01522		0.726642	0.902573	1.10794	1.10794	0.58886	1.17277	1.17277	1.08306	1.30055	1.20081	1
ILMN_1653239	TRPC4AP	0.4564458	0.825187	1.23068	1.23068	0.0476785	0.371434	0.371434	0.164378	0.42305	0.42305	0.929558	0.914481	1.09113	0.371035	0.422366	0.422366	2.3676	0.623183	0.628344	1.59159	1.59159	0.442882	1.69945	1.60945	0.92246	0.912483	1.09591	0.90282	1.12144	1.12144	1.09107	15.213	12.396	1
ILMN_1653268	ANTXR1	0.4564465	0.411787	1.90307	1.90307	0.731394	0.767813	1.3024	0.39721	0.514428	1.93691	0.137666	0.40694	3.40694	0.511986	1.66522	1.66522		0.639133	0.696193	1.43638	0.899221	1.02023	1.10203	0.942025	0.49741	4.09741	0.285786	2.33968	2.33968	0.10505	10.1591	8.27666	1
ILMN_1653271	UNK1	0.4564471	0.689502	1.23027	1.23027	0.0825575	0.69718	2.69718	0.786615	1.55029	1.55029	0.226531	0.51932	1.92559	0.477588	0.688936	1.45151		0.481208	0.691115	1.44694	0.227854	0.520384	1.92166	0.76114	0.854424	1.17038	0.723389	1.20127	1.20127	0.19004	4.60119	3.74866	1
ILMN_1653271	UNK1	0.4564472	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564473	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564474	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564475	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564476	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564477	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564478	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564479	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564480	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564481	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564482	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564483	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564484	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564485	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564486	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564487	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564488	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564489	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564490	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564491	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564492	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564493	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564494	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564495	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564496	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564497	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564498	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564499	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564500	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564501	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564502	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564503	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564504	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564505	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564506	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564507	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564508	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564509	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564510	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564511	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564512	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564513	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564514	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564515	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564516	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564517	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564518	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564519	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564520	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564521	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564522	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564523	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564524	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564525	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564526	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564527	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564528	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441		0.622659	0.912525	1.09586	0.511612	0.884389	1.13072	0.307087	1.21548	1.21548	0.924451	1.01766	1.01766	0.19104	0.588571	0.479521	1
ILMN_1653271	UNK1	0.4564529	0.114413	0.728405	1.37286	0.909481	0.979228	1.02121	0.09321	0.711195	1.40608	0.273751	0.810424	1.23392	0.473284	0.874052	1.1441

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg21353259	NHLH2;DCLRE1A	0.457199	0.430275	1.20961	0.373549	1.24099	0.643723	1.12746	0.132746	0.567844	0.14622	1.14622	0.52921	1.16262	0.255365	0.755272	0.153403	0.157103	0.699308	1.42998	0.26182	0.758377	0.513861	0.371055	0.804848	1.24247	1.08962	0.964164	0.786542	1
cg15400997	PLXNC1	0.457201	0.822064	0.883641	0.113168	0.955237	0.103131	0.103131	0.182998	2.17275	0.175	2.17275	0.359184	1.67829	0.437239	0.669906	0.149275		0.939997	1.04221	1.04221	0.480915	1.48211	1.48211	0.103089	2.08254	2.62254	0.113817	2.57235	2.57235	1.08962	5.20496	4.24609	1
cg26577993	TUBB3	0.457204	0.712114	0.940916	-1.06279	0.133101	1.30506	1.30506	0.20017	1.24902	1.24902	0.56156	0.908059	-1.10125	0.699003	0.938153	-1.06592		0.536321	0.902226	-1.10837	0.262229	1.21177	1.21177	0.263389	1.20854	1.20854	0.488649	0.890843	-1.12253	0.08961	0.46505	0.380074	1
cg14204166	NAV2;NAV2;NAV2	0.457231	0.238883	1.332451	-3.00797	0.663187	1.47881	1.47881	0.244968	2.96185	2.96185	0.934127	1.07966	1.07966	0.065122	1.157434	-6.35252		0.719121	0.72439	-1.38047	0.63394	0.653289	-1.53072	0.660183	1.48439	1.48439	0.419243	0.478625	-2.08932	1.08956	0.15747	11.2214	1
cg11202345	LGALS3BP;LGALS3BP	0.457236	0.127316	0.215835	-4.63138	0.796266	0.786169	-1.27199	0.561257	0.579123	-1.72675	0.451045	0.489654	-2.04226	0.091001	0.177148	-5.645		0.195667	0.279952	-3.57204	0.151643	0.239686	-4.17213	0.165536	0.252771	-3.95615	0.547853	0.568081	-1.76031	1.08955	14.9204	12.1725	1
cg04476508	THBS2	0.457253	0.699803	1.17195	-1.17195	0.469859	0.740003	-1.35135	0.334777	0.6654	-1.50285	0.396475	0.427103	0.105697	0.484925	2.06218	0.48485		0.884821	1.06116	1.06116	0.174508	1.80668	1.80668	0.471434	1.94986	1.94986	0.755371	1.13654	1.13654	1.08952	2.89392	2.36102	1
cg19987794	TLN2	0.457255	0.396003	1.23419	1.23419	0.988727	1.00343	1.00343	0.699487	1.09845	1.09845	0.909971	0.972989	-1.02776	0.231587	1.35492	1.35492		0.145082	1.46054	1.46054	0.368467	1.25059	1.25059	0.336831	1.27089	1.27089	0.138687	0.679869	-1.47087	1.08952	1.01119	0.824985	1
cg02195210	RICH2	0.457258	0.234026	0.297307	-3.2755	0.497497	1.92533	1.92533	0.477353	1.99959	1.99959	0.665369	0.678842	-1.47371	0.098027	0.177963	-5.61414		0.566721	0.576532	-1.73451	0.351309	0.402612	-2.48997	0.134322	0.215557	-4.64345	0.753416	0.744792	-1.34266	1.08951	15.0067	12.7329	1
cg04572657	SPIED1	0.457257	0.0496566	0.683798	-1.46242	0.570282	0.90722	-1.10227	0.980104	0.995776	-1.00424	0.372428	0.168161	1.66816	0.566711	0.906383	1.10329		0.54491	1.10668	1.10668	0.382995	1.16398	1.16398	0.454093	1.31818	1.31818	0.831459	0.964471	-1.03684	1.08951	0.497123	0.405583	1
cg12591125	MAD1L1;MAD1L1;MAD1L1	0.457261	0.944137	1.02695	1.02695	0.329689	1.46476	1.46476	0.978917	0.990023	-1.01008	0.687594	1.16578	1.16578	0.541547	0.790972	-1.26427		0.686738	1.1663	1.1663	0.0235033	2.79168	2.79168	0.816628	0.915636	-1.09214	0.811452	1.09492	1.09492	1.0895	2.4844	2.02694	1
cg14393566	ARHGEF7;ARHGEF7;ARHGEF7	0.457278	0.152853	0.352804	-2.83466	0.625413	0.732006	-1.36596	0.325079	0.525135	-1.90427	0.388607	0.545653	0.545653	0.245325	0.504238	-1.98524		0.670657	0.762515	-1.31145	0.5201	0.664488	1.50551	0.314739	0.788547	1.26801	0.117174	0.559357	1.78804	1.08952	0.932229	0.6556	1
cg22749642	NA?SPINA4;?SPAN4	0.457284	0.742304	0.824017	-1.21357	0.446137	0.63408	-1.57709	0.803108	1.15784	1.15784	0.902532	1.07452	1.07452	0.0807684	0.321087	-3.11442		0.10691	0.356097	-2.80822	0.110944	0.361036	-2.76981	0.745574	0.826131	-1.21046	0.637979	0.750918	-1.3317	1.08946	5.93816	4.84495	1
cg21221695	SLC4A4;SLC4A4	0.45729	0.970399	1.01794	1.01794	0.306922	0.60235	-1.66016	0.968353	0.981284	-1.01907	0.84225	0.908921	-1.10021	0.438081	1.46094	1.46094		0.235924	1.8135	1.8135	0.0432691	3.04713	3.04713	0.572612	1.31421	1.31421	0.713639	1.19321	1.19321	1.08945	3.96314	3.23356	1
cg03024619	GPR27;EIF4E3;EIF4E3	0.45729	0.229108	0.794881	-1.25805	0.20619	0.784635	-1.27464	0.906749	0.978911	-1.02154	0.731624	0.9393	-1.06462	0.936059	1.0147	1.0147		0.116797	0.733494	-1.36334	0.68607	0.928754	-1.07671	1.08945	0.57086	0.46577	1
cg16262357	SNX26	0.457297	0.310597	0.823957	-1.21365	0.731271	0.93376	-1.06655	0.462802	1.1499	1.1499	0.140704	0.763484	1.31397	0.350933	1.50994	1.50994		0.153389	0.754156	-1.32596	0.27658	0.809374	-1.23552	0.854768	1.03483	1.03483	0.133027	1.20516	1.20516	1.08943	0.602599	0.491672	1
cg06048350	PRKCI	0.457315	0.612203	0.944988	-1.05821	0.80668	0.973228	-1.02751	0.9025	0.986527	-1.01366	0.203506	0.861948	-1.16016	0.676856	0.95467	-1.04748		0.413129	0.91155	-1.09703	0.640431	1.05345	1.05345	0.799567	1.02856	1.02856	0.0498373	1.28096	1.28096	1.0894	0.211374	0.172469	1
cg07592388	PYDC2	0.457316	0.603603	1.23657	1.23657	0.164872	0.548477	-1.82323	0.81144	1.38471	1.38471	0.532825	0.769604	-1.29937	0.573138	0.759908	-1.25959		0.356497	1.4088	1.4088	0.156568	1.84834	1.84834	0.943536	0.971695	-1.02913	0.219801	1.642	1.642	1.0894	2.85519	2.31317	1
cg03597463	SUZ12	0.457318	0.348004	0.615348	-1.62515	0.137135	0.640827	-2.26846	0.285805	0.57288	-1.74557	0.302859	0.763352	0.763352	0.0178008	0.315526	-3.16986	0.763565	0.872501	-1.14611	0.139401	1.99483	1.99483	0.928562	1.955937	-1.04609	1.08939	4.3572	3.55526	1
cg07015368	ADAMTS17	0.457322	0.929545	0.949252	-1.05346	0.0287483	4.56808	4.56808	0.49	1.5113	1.5113	0.937875	0.95513	-1.04698	0.495195	0.665055	-1.50363		0.590863	0.726433	-1.37659	0.647892	1.31101	1.31101	0.665184	1.29231	1.29231	0.623981	0.747532	-1.33773	1.08938	5.98415	4.8828	1
cg03549229	PIM1	0.457327	0.521796	1.16004	1.16004	0.0850605	0.850605	0.850605	0.808511	-1.23684	0.231669	1.39219	1.39219	0.867178	0.500709	1.45083	1.45083		0.151582	1.4209	1.4209	0.158429	1.70842	1.70842	-1.41159	0.977596	1.0067	1.0067	0.605491	1.88769	-1.12652	1.08937	0.909343	0.759552	1
cg13175480	C15orf40;C15orf40;C15orf40;C15orf40;C15orf40;C15orf40	0.457328	0.586926	1.88737	1.88737	0.875534	0.834021	-1.19901	0.924565	0.896142	-1.11589	0.973229	0.96188	-1.03962	0.877308	1.91419	1.91419		0.774398	1.3948	1.3948	0.943153	1.08608	1.08608	0.950547	0.942823	-1.06064	0.0210618	0.0402449	-24.8479	1.08937	23.1313	18.8743	1
cg25932752	MSL3;MSL3;MSL3	0.457333	0.21541	0.449782	-2.2233	0.0557784	0.265024	-3.77325	0.269064	0.493957	-2.02447	0.566711	1.42596	1.42596	0.82736	1.1432	1.1432		0.214635	0.449111	-2.22662	0.685745	0.779372	-1.28308	0.873435	0.906935	-1.10261	0.903836	1.07687	1.07687	1.08936	6.47804	5.2859	1
cg01302211	PIN?P2	0.457345	0.369312	0.852403	-1.17315	0.727721	1.06241	0.84298	0.966233	-1.03495	0.5931	1.00792	1.00792	1.134693	0.756288	1.32225			0.419323	0.868623	-1.15364	0.190092	1.27171	1.27171	0.202021	0.791898	-1.26279	0.4436	0.873464	-1.14487	1.08934	0.517564	0.422327	1
cg14855497	CXXC1;CXXC1	0.457361	0.271983	0.4224	-2.36709	0.986027	0.934462	-1.41417	0.259939	0.376785	0.134088	1.33197	1.33197	0.950933	1.50994	0.904934	1.10421		0.573409	1.0171	1.0171	0.850931	1.04071	1.04071	0.715563	1.06709	1.06709	0.0811455	1.07095	1.07095	1.08937	0.541311	0.443184	1
cg03702246	DLEC1;DLEC1	0.457365	0.931407	1.02174	1.02174	0.0703431	0.603286	-1.65759	0.336712	0.780781	-1.28077	0.375307	1.25524	1.25524	0.137769	0.670798	-1.49076		0.413129	0.91155	-1.09703	0.640431	1.05345	1.05345	0.799567	1.02856	1.02856	0.0498373	1.28096	1.28096	1.0894	0.211374	0.172469	1
cg06503274	DHCR7;DHCR7	0.457367	0.931163	1.01474	1.01474	0.105643	0.514431	-1.94959	0.988157	1.01363	1.01363	0.601251	0.880929	-1.13517	0.308839	1.33705	1.33705		0.354497	1.4088	1.4088	0.156568	1.84834	1.84834	0.943536	0.971695	-1.02913	0.219801	1.642	1.642	1.0894	2.85519	2.31317	1
cg08764881	BRD2;BRD2	0.457369	0.626751	1.19529	1.19529	0.0887196	1.98079	-1.98079	0.175111	1.69034	1.69034	0.667803	1.17018	1.17018	0.137283	1.7926	1.7926		0.763352	0.872501	-1.14611	0.139401	1.99483	1.99483	0.928562	1.955937	-1.04609	1.08939	4.3572	3.55526	1
cg07384708	THEG;THEG;CSGALNACT1;CSGALNACT1;CSGALNAC	0.457374	0.223015	0.477765	-2.09308	0.367567	0.586295	-1.70563	0.756102	1.1969	1.1969	0.560753	0.712252	-1.404	0.230864	0.484301	-2.06483		0.306781	0.543159	-1.84108	0.122968	0.381358	-2.62221	0.0724636	0.314673	-3.1779	0.811285	0.87111	-1.14796	1.08928	5.74106	4.68468	1
cg02854313	T1	0.457394	0.610602	0.656202	-1.52392	0.395491	0.24189	2.04189	0.140785	0.243745	2.23468	2.23468	0.129035	0.384053	0.84053	0.162593	0.294369	-3.3971		0.390148	0.205932	2.05932	0.469925	0.12971	0.827731	0.572813	0.626599	-1.59592	0.605869	1.53262	1.53262	1.08924	11.6094	9.474	1
cg02784848	FUZ	0.457403	0.154268	0.315012	-3.17695	0.0547145	1.31895	1.31895	0.107919	1.11992	1.11992	0.456882	0.729003	0.729003	0.0526911	0.332837	-3.0051		0.0484941	0.06301	-15.8704	0.0213581	0.0498315	0.0498315	1.84834	1.84834	0.0429191	0.03057	0.03057	0.03057	1.08923	1.59430	1.30154	1
cg10214447	DOCK1	0.457413	0.645766	0.592145	-1.68878	0.245122	0.96085	1.96085	0.41968	2.54336	2.54336	0.789655	0.738819	-1.35351	0.0517365	0.0815546	-12.2617		0.955449	0.938708	-1.06529	0.627924	1.73835	1.73835	0.470363	0.435418	-2.29664	0.564016	0.516696	-1.93537	1.08921	22.1122	18.0455	1
cg06603309	KCNQ1;KCNQ1	0.457416	0.675539	0.822508	-1.21579	0.079639	0.405348	-2.46701	0.387043	0.662611	-1.50918	0.361955	1.54491	1.54491	0.17512	0.512032	-1.953		0.197524	0.531369	-1.88193	0.364345	0.120297	0.476736	0.714733	-1.39912	0.924195	0.04517	1.04517	0.8892	3.71689	3.03332	1
cg17949995	IGSF21	0.457432	0.431331	0.6	-1.66667	0.0736205	0.747436	-2.74796	0.927294	0.810168	-1.23423	0.388372	0.674742	-1.49831	0.0436445	0.31615	-3.16206		0.504638	1.36296	1.36296	0.884327	0.935586	1.82308	1.82308	0.544592	0.755428	-1.32375	1.0893	1.50849	2.94494	1
cg03483641	NEB;NEB;NEB	0.457433	0.994729	1.00258	1.00258	0.346269	1.46005	1.46005	0.0388773	2.5421	2.5421	0.582045	1.24223	1.24223	0.604933	0.81576	-1.22585		0.50548	1.30167	1.30167	0.362412	1.44092	1.44092	0.199241	1.69769	1.69769	0.379221	1.42192	1.42192	1.08917	2.62648	2.14352	1
cg00039463	RNF111	0.457435	0.0995264	0.60956	-1.64035	0.0994	0.0994	0.0994	0.0994	1.23943	0.642271	1.27922	1.27922	0.236003	0.0994	0.646545	-1.54707		0.0994	0.64713	-1.54567	0.0994	0.0994	0.0994	1.44744	1.44744	0.0994	1.30799	1.30799	1.30799	1.08894	1.52455	1.25	1
cg27056559	MGMT	0.457443	0.745307	0.911103	-1.09757	0.706224	1.11423	1.11423	0.290939	1.36756	1.36756	0.929646	0.975093	-1.02554	0.912953	0.970056	-1.03087		0.38605	2.28893	2.28893	0.0534793	0.534469	-1.87102	0.325533	0.33638	1.33638	0.168319	0.15819	-1.15819	1.08915	1.40736	1.14859	1
cg14114033	SYPL1;SYPL1	0.457444	0.636361	1.41777	1.41777	0.959736	0.963671	-1.0377	0.968554	1.02932	1.02932	0.0947102	1.84278	1.84278	0.21727	2.58958	2.58958		0.14352	3.16492	3.16492	0.25524	0.418685	-2.38843	0.573977	0.516546	1.51646	0.883115	1.11594	1.11594	1.08915	9.26763	7.56363	1
cg05396588	C9orf72;FUP1;LMIR5482;FILIP1L	0.457449	0.367877	0.729357	-2.03602	0.0376322	0.379	-2.63992	0.172712	0.332373	1.34233	1.34233	0.242431	1.36232	0.0441984	0.241781	-4.13605		0.717869	1.18971	1.18971	0.453403	0.44904	-1.1778	0.539546	1.12052	1.12052	0.631983	1.3463	1.3463	1.08924	0.274475	0.224058	1
cg22549547	SCN1B;SCN1B	0.457461	0.984523	1.0246	1.0246	0.060263	14.2076	14.2076	0.0650296	13.4003	13.4003	0.80973	0.739211	-1.35279	0.955175	1.07198	1.07198		0.835174	2.98223	2.98223	0.768098	1.44832	1.44832	0.983955	1.02552	1.02552	0.631983	0.54636	-1.83029	1.08911	27.0685	22.0922	1
cg11227576	NGLY1;NGLY1;NGLY1	0.457462	0.98097	1.0084	1.0084	0.0703278	0.980227	-1.01417	0.259099	0.938462	-1.06785	0.140888	1.08898	1.08898	0.69326	1.00242	1.00242	0.202384	0.68071	-1.46906	0.0800494	1.46906	-1.74272	0.120098	0.568859	1.30063	0.0755	0.497672	1.08911	0.541311	0.443184	1
cg26416159	ASGR1	0.457466	0.912466	0.952349	-1.05004	0.0245126	0.2857	3.2857	0.779358	1.13281	1.13281	0.629059	0.805643	-1.24125	0.830925	0.909431	-1.09959		0.902592	0.947089	-1.05587	0.903808	1.05515	1.05515	0.268267	1.6686	1.6686	0.952705	1.02668	1.02668	1.0891	3.4004	2.77529	1
cg06530274	DHCR7;DHCR7	0.457467	0.931163	1.01474	1.01474	0.105643	0.514431	-1.94959	0.988157	1.01363	1.01363	0.601251	0.880929	-1.13517	0.308839	1.33705	1.33705		0.354497	1.4088	1.4088	0.156568	1.84834	1.84834	0.943536	0.971695	-1.02913	0.219801	1.642	1.642	1.0894	2.85519	2.31317	1
cg08764881	BRD2;BRD2	0.457469	0.626751	1.19529	1.19529	0.0887196	1.98079	-1.98079	0.175111	1.69034	1.69034	0.667803	1.17018	1.17018	0.137283	1.7926	1.7926		0.763352	0.872501	-1.14611	0.139401	1.99483	1.99483	0.928562	1.955937	-1.04609	1.08939	4.3572	3.55526	1
cg07384708	THEG;THEG;CSGALNACT1;CSGALNACT1;CSGALNAC	0.457474	0.223015	0.477765	-2.09308	0.367567	0.586295	-1.70563	0.756102	1.1969	1.1969	0.560753	0.712252	-1.404	0.230864	0.484301	-2.06483		0.306781	0.543159	-1.84108	0.122968	0.381358	-2.62221	0.0724636	0.314673	-3.1779	0.811285	0.87111	-1.14796	1.08928	5.74106	4.68468	1
cg02854313	T1	0.457394	0.610602	0.656202	-1.52392	0.395491	0.24189	2.04189	0.140785	0.243745	2.23468	2.23468	0.129035	0.384053	0.84053	0.162593	0.294369	-3.3971		0.390148	0.205932	2.05932	0.469925	0.12971	0.827731	0.572813	0.626599	-1.59592	0.605869	1.53262	1.53262	1.08924	11.6094	9.474	1
cg02784848	FUZ	0.457403	0.154268	0.315012	-3.17695	0.0547145	1.31895	1.31895	0.107919	1.11992	1.11992	0.456882	0.729003	0.729003	0.0526911	0.332837	-3.0051		0.0484941	0.06301	-15.8704	0.0213581	0.0498315	0.0498315	1.84834	1.84834	0.0429191	0.03057	0.03057	0.03057	1.08923	1.59430	1.30154	1
cg10214447	DOCK1	0.457413	0.645766	0.592145	-1.68878	0.245122	0.96085	1.96085	0.41968	2.54336	2.54336	0.789655	0.738819	-1.35351	0.0517365	0.0815546	-12.2617		0.955449	0.938708	-1.06529	0.627924	1.73835	1.73835	0.470363	0.435418	-2.29664	0.564016	0.516696	-1.93537	1.08921	22.1122	18.0455	1
cg06603309	KCNQ1;KCNQ1	0.457416	0.675539	0.822508	-1.21579	0.079639	0.405348	-2.46701	0.387043	0.662611	-1.50918	0.361955	1.54491	1.54491	0.17512	0.512032	-1.953		0.197524	0.531369	-1.88193	0.364345	0.120297	0.476736	0.714733	-1.39912	0.924195	0.04517	1.04517	0.8892	3.71689	3.03332	1
cg17949995	IGSF21	0.457432	0.431331	0.6	-1.66667	0.0736205	0.747436	-2.74796	0.927294	0.810168	-1.23423	0.388372	0.674742	-1.49831	0.0436445	0.31615	-3.16206		0.504638	1.36296	1.36296	0.884327	0.935586	1.82308	1.82308	0.544592	0.755428	-1.32375	1.0893	1.50849	2.94494	1
cg03483641	NEB;NEB;NEB	0.457433	0.994729	1.00258	1.00258	0.346269	1.46005	1.46005	0.0388773	2.5421	2.5421	0.582045	1.24223	1.24223	0.604933	0.81576	-1.22585		0.50548	1.30167	1.30167	0.362412	1.44092	1.44092	0.199241	1.69769	1.69769	0.379221	1.42192	1.42192	1.08917	2.62648	2.14352	1
cg00039463	RNF111	0.457435	0.0995264	0.60956	-1.64035	0.0994	0.0994	0.0994	0.0994	1.23943	0.642271	1.27922	1.27922	0.236003	0.0994	0.646545	-1.54707		0.0994	0.64713	-1.54567	0.0994	0.0994	0.0994	1.44744	1.44744	0.0994	1.30799	1.30799	1.30799	1.08894	1.52455	1.25	1
cg27056559	MGMT	0.457443	0.745307	0.911103	-1.09757	0.706224	1.11423	1.11423	0.290939	1.36756	1.36756	0.929646	0.975093	-1.02554	0.912953	0.970056	-1.03087		0.38605	2.28893	2.28893	0.0534793	0.534469	-1.87102	0.325533	0.33638	1.33638	0.168319	0.15819	-1.15819	1.08915	1.40736	1.14859	1
cg14114033	SYPL1;SYPL1	0.457444	0.636361	1.41777	1.41777	0.959736	0.963671	-1.0377	0.968554	1.02932	1.02932	0.0947102	1.84278	1.84278	0.21727	2.58958	2.58958		0.14352	3.16492	3.16492	0.25524	0.418685	-2.38843	0.573977	0.516546	1.51646	0.883115	1.11594	1.11594	1.08915	9.26763	7.56363	1
cg05396588	C9orf72;FUP1;LMIR5482;FILIP1L	0.457449	0.367877	0.729357	-2.03602	0.0376322	0.379	-2.63992	0.172712	0.332373	1.34233	1.34233	0.242431	1.36232	0.0441984	0.241781	-4.13605		0.717869	1.18971	1.18971	0.453403	0.44904	-1.1778	0.539546	1.12052	1.12052	0.631983	1.3463	1.3463	1.08924	0.274475	0.224058	1
cg22549547	SCN1B;SCN1B	0.457461	0.984523	1.0246	1.0246	0.060263	14.2076	14.2076	0.0650296	13.4003	13.4003	0.80973	0.739211	-1.35279	0.955175	1.07198	1.07198		0.835174	2.98223	2.98223	0.768098	1.44832	1.44832	0.983955	1.02552	1.02552	0.631983	0.54636	-1.83029	1.08911	27.0685	22.0922	1
cg11227576	NGLY1;NGLY1;NGLY1	0.457462	0.98097	1.0084	1.0084	0.0703278	0.980227	-1.01417	0.259099	0.938462	-1.06785	0.140888	1.08898	1.08898	0.69326	1.00242	1.00242	0.202384	0.68071	-1.46906	0.0800494	1.46906	-1.74272	0.120098	0.568859	1.30063	0.0755	0.497672	1.08911	0.541311	0.443184	1
cg26416159	ASGR1	0.457466	0.912466	0.952349	-1.05004	0.0245126	0.2857	3.2857	0.779358	1.13281	1.13281	0.629059	0.805643	-1.24125	0.830925	0.909431	-1.09959		0.902592	0.947089	-1.05587	0.903808	1.05515	1.05515	0.268267	1.6686	1.6686	0.952705	1.02668	1.02668	1.0891	3.4004	2.77529	1
cg06530274	DHCR7;DHCR7	0.457467	0.931163	1.01474	1.01474	0.105643	0.514431	-1.94959	0.988157	1.01363	1.01363	0.601251	0.880929	-1.13517	0.308839	1.33705	1.33705		0.354497	1.4088	1.4088	0.156568	1.84834	1.84834	0.943536	0.971695	-1.02913	0.219801	1.642	1.642	1.0894	2.85519	2.31317	1
cg08764881	BRD2;BRD2	0.457469	0.626751	1.19529	1.19529	0.0887196	1.98079	-1.98079	0.175111	1.69034	1.69034	0.667803	1.17018	1.17018	0.137283	1.7926	1.7926		0.763352	0.872501	-1.14611	0.139401	1.99483	1.99483	0.928562	1.955937	-1.04609	1.08939	4.3572	3.55526	1
cg07384708	THEG;THEG;CSGALNACT1;CSGALNACT1;CSGALNAC	0.457474	0.223015	0.477765	-2.09308	0.367567	0.586295	-1.70563	0.756102	1.1969	1.1969	0.560753	0.712252	-1.404	0.230864	0.484301	-2.06483		0.306781	0.543159	-1.84108	0.122968	0.381358	-2.62221	0.0724636	0.314673	-3.1779	0.811285	0.87111	-1.14796	1.08928	5.74106	4.68468	1
cg02854313	T1	0.457394	0.610602	0.656202	-1.52392	0.395491	0.24189	2.04189	0.140785	0.243745	2.23468	2.23468	0.129035	0.384053	0.84053	0.162593	0.294369	-3.3971		0.390148	0.205932	2.05932	0.469925	0.12971	0.827731	0.572813	0.626599	-1.59592	0.605869	1.53262	1.53262	1.08924	11.6094	9.474	1
cg02784848	FUZ	0.457403	0.154268	0.315012	-3.17695	0.0547145	1.31895	1.31895	0.107919	1.11992	1.11992	0.456882	0.729003	0.729003	0.0526911	0.332837	-3.0051		0.0484941	0.06301	-15.8704	0.0213581	0.0498315	0.0498315	1.84834	1.84834	0.0429191	0.03057	0.03057	0.03057	1.08923	1.59430	1.30154	1
cg10214447	DOCK1	0.457413	0.645766	0.592145	-1.68878	0.245122	0.96085	1.96085	0.41968	2.54336	2.54336	0.789655	0.738819	-1.35351	0.0517365	0.0815546	-12.2617		0.955449	0.938708	-1.06529	0.627924	1.73835	1.73835	0.470363	0.435418	-2.29664	0.564016	0.516696	-1.93537	1.08921	22.1122	18.0455	1
cg06603309	KCNQ1;KCNQ1	0.457416	0.675539	0.822508	-1.21579	0.079639	0.405348	-2.46701	0.387043	0.662611	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg26029577	MACROD1;FURT1	0.458023	0.793809	0.877711	-1.13933	0.168256	0.465335	-2.07756	0.826395	0.897537	-1.11416	0.322297	0.66387	1.66387	0.135049	0.448311	-2.2326	0.169233	0.482247	-2.07363	0.83323	1.13171	1.11075	0.329639	1.13713	1.03807	0.669819	1.23812	1.08802	4.27317	3.49109	1
cg07555397	SND1	0.458026	0.81412	0.824316	-1.21313	0.103821	0.30182	1.30182	0.325458	1.23003	0.30081	0.87637	0.88011	-1.13622	0.141492	0.273373	3.65801	0.800336	1.23107	1.23107	0.358867	0.461205	-2.16823	0.980389	1.02037	1.02037	0.458411	0.538298	-1.85771	1.08801	11.5951	9.47304	1
cg20187719	LOC285375	0.458035	0.472418	0.498785	-2.00487	0.395796	2.2879	2.2879	0.193082	3.70932	3.70932	0.956192	0.949062	-1.05367	0.413007	0.450897	-2.2178	0.113815	5.14142	5.14142	0.427955	0.462909	-2.16025	0.400516	2.26825	2.26825	0.451509	2.07521	2.07521	1.088	15.6076	12.7514	1
cg24337215	RIT1	0.458035	0.185538	2.54336	2.54336	0.249485	2.22627	2.22627	0.258261	2.19108	2.19108	0.318866	1.98621	0.0567071	0.196397	4.19639	4.19639	0.393815	1.78744	1.78744	0.168545	2.6528	2.6528	0.340939	1.92043	1.92043	0.35694	1.87763	1.088	1.87763	1.088	7.61904	6.22473	1
cg22997601	KDM4B	0.458038	0.260081	0.396578	-2.52157	0.50065	0.583802	-1.71291	0.310348	0.437596	-2.28521	0.951485	1.04907	1.0497	0.0183173	0.150693	-6.63603	0.648797	0.696979	-1.43476	0.609906	1.49949	1.49949	0.27546	0.409516	-2.44191	0.98653	1.01338	1.01338	1.08799	10.6808	8.7263	1
cg13479091	PBX3;PBX3;PBX3;PBX3	0.458045	0.345687	0.797219	-1.25436	0.513568	1.16719	1.16719	0.394424	0.83583	-1.22574	0.32042	0.780963	-1.27073	0.116151	0.671362	-1.48951	0.437911	0.831398	-1.20279	0.977175	0.993346	-1.0067	0.483359	0.844855	-1.18084	0.668949	0.62192	-1.60792	1.08798	0.938304	0.766605	1
cg14738290	HLA-F;HLA-F;HLA-F	0.458046	0.527332	0.840391	-1.18992	0.3333069	1.96485	1.96485	0.943176	1.01954	1.01954	0.332651	1.31174	1.31174	0.69489	1.11297	1.11297	0.952785	1.01621	1.01621	0.466802	0.817866	-1.22269	0.512215	1.19779	1.19779	0.544315	1.1813	1.1813	1.08798	1.2703	1.03785	1
cg16698281	ACSF3;ACSF3;ACSF3	0.458052	0.454392	0.739934	-1.35147	0.2180612	0.755091	-1.32434	0.903763	0.960676	-1.04163	0.446261	1.35915	1.35915	0.507837	0.762793	-1.30413	0.192559	0.579806	-1.72419	0.11545	0.508199	-1.96656	0.317763	0.609128	-1.64169	0.311574	1.48605	1.48605	1.08797	2.69185	2.1993	1
cg24485696	AGPAT5	0.458059	0.971029	0.982917	-1.01738	0.437138	0.686547	-1.46656	0.360163	1.56188	1.56188	0.917892	0.653389	-1.53048	0.076129	0.392056	-2.55066	0.182227	0.510831	-1.95759	0.236518	0.555175	-1.80123	0.832962	1.10539	1.10539	0.564345	0.758457	-1.31847	1.08795	1.87872	1.16904	1
cg06758766	BRIX1;RAD1;RAD1	0.458063	0.661006	0.891122	-1.12218	0.394484	0.796258	-1.25587	0.971785	0.990803	-1.00928	0.239215	1.37985	1.37985	0.203448	1.42002	1.42002	0.154849	0.671839	-1.48845	0.206777	0.706224	-1.41598	0.997687	1.00076	1.00076	0.867846	1.04446	1.04446	1.08794	1.17581	0.960682	1
cg24580365	SPRY4;SPRY4	0.458065	0.560596	1.40622	1.40622	0.1882054	1.67467	1.67467	0.705139	1.24637	1.24637	0.484716	1.50886	1.50886	0.0911243	2.12316	2.12316	0.223103	2.09934	2.09934	0.142188	1.33341	1.33341	0.319582	2.11251	2.11251	0.286616	1.89846	1.89846	1.08794	5.78287	4.72464	1
cg24929943	TUBGCP3	0.458078	0.813578	1.1186	1.1186	0.72693	0.846759	-1.18097	0.104052	0.430323	-2.32384	0.48156	1.40411	1.40411	0.391242	0.659165	-1.51707	0.729158	1.84046	1.84046	0.0144	0.56947	1.56947	0.18552	2.04448	2.04448	0.542755	1.33952	1.33952	1.08791	3.87857	3.16903	1
cg23168706	ARHGEF10	0.458084	0.925669	0.956251	-1.03514	0.474609	0.954685	-1.30876	0.367427	0.940037	-1.06379	0.771348	0.897758	-1.11388	0.267089	1.53409	1.53409	0.603185	1.24123	1.24123	0.3302207	2.5161	2.5161	0.504682	1.28401	1.28401	0.916979	0.962142	-1.03935	1.0879	2.3604	1.92861	1
cg20107989	TRIX2	0.458091	0.344563	1.53548	1.55548	0.21578	0.553681	-1.80609	0.265276	0.590484	-1.69353	0.760656	0.87054	-1.14873	0.652337	0.814003	-1.2285	0.272437	0.595501	-1.67926	0.137015	0.26853	-3.72435	0.64264	1.2362	1.2362	0.925188	0.958276	-1.04354	1.08789	1.54783	2.89886	1
cg02271895	FBN2	0.45881	0.234305	1.30137	1.30137	0.0596748	0.638257	-1.56677	0.905289	1.02547	1.02547	0.497126	0.864454	-1.1568	0.953597	1.13337	1.13337	0.513662	0.875006	1.14285	0.565802	0.846756	-1.13048	0.373588	0.824994	-1.21286	0.686446	1.08953	1.08953	1.08787	0.769124	0.628445	1
cg26884493	MAPRE2;MAPRE2;MAPRE2;MAPRE2	0.458105	0.912982	1.08899	1.02839	0.183764	1.60279	1.60279	0.793327	1.09132	1.09132	0.932883	1.08263	1.08263	0.923135	1.02845	1.02845	0.522523	1.80576	-1.24073	0.184413	1.04973	1.04973	0.781289	1.00706	1.00706	0.05431	2.06841	2.06841	1.08786	1.90844	1.55938	1
cg13332114	MUC4;MUC4;MUC4	0.458111	0.413572	1.14287	1.14287	0.167806	1.26474	1.26474	0.430971	0.879482	-1.13703	0.423856	0.877658	-1.1394	0.637193	1.07885	1.07885	0.913549	1.0175	1.0175	0.175661	1.25868	1.25868	0.114792	1.3152	1.3152	0.747165	1.05304	1.05304	1.08785	0.439776	0.359343	1
cg20982900	CDKN1	0.458114	0.344662	1.31264	1.31264	0.3770906	0.6450796	-1.1704	0.854443	1.28083	1.28083	0.544765	1.28445	1.28445	0.0193426	0.0347569	-28.7712	0.488395	1.58232	1.58232	0.760352	1.53033	1.53033	0.92697	0.883777	-1.13152	0.753392	0.652745	-1.53199	1.08784	31.2963	25.5726	1
cg14094409	DIABLO;DIABLO;DIABLO;DIABLO	0.45812	0.509791	0.555229	-1.80106	0.4500521	1.57069	-1.57069	0.492601	1.84638	1.84638	0.896099	0.856079	-1.16812	0.350049	0.428943	-2.33115	0.940607	0.945337	-1.05782	0.52215	0.76073	1.76073	0.454464	0.511481	-1.95511	0.734297	0.74098	-1.34956	1.08783	13.3405	10.9038	1
cg25858008	PHKA1;PHKA1	0.458131	0.161147	0.135814	-7.36303	0.8210664	0.739182	-1.35285	0.936339	1.11245	1.11245	0.186374	6.48041	6.48041	0.198041	6.14013	6.14013	0.17001	0.142317	-7.02655	0.946891	1.09294	1.09294	0.872471	1.239	1.239	0.975058	1.04259	1.04259	1.08781	30.6602	25.0535	1
cg26096159	LOC400931;MIR1477B	0.458132	0.897243	1.11787	1.11787	0.5500878	0.80595	-1.24155	0.153153	0.42792	-2.33702	0.669208	1.0364	1.0364	0.0134344	0.0241599	-41.4036	0.73887	1.33552	1.33552	0.901606	1.11256	1.11256	0.0997	1.7932	1.7932	0.884293	1.13381	1.13381	1.08781	12.8133	10.4702	1
cg08774969	FGFRL1;FGFRL1;FGFRL1	0.458141	0.300437	0.441271	-2.26618	0.122889	3.57661	3.57661	0.868653	0.881451	-1.13449	0.6317	0.67081	-1.49073	0.235543	0.38759	-2.58005	0.321884	2.18197	2.18197	0.492356	0.587642	-1.70172	0.386025	1.96901	1.96901	0.674838	0.724925	-1.37945	1.08779	30.0146	8.18348	1
cg19975209	NDRG3;NDRG3	0.458144	0.971857	1.0299	1.02994	0.794634	1.16505	-1.24427	0.950358	1.02322	1.02322	0.883238	0.957496	1.04439	0.325601	1.14912	1.14912	0.126475	1.08292	1.08292	0.150337	0.651684	-1.53512	0.161684	0.993374	-1.01802	0.981277	0.913754	1.09483	1.08778	0.913754	0.742296	1
cg19535369	ZRSR2	0.458144	0.298115	1.41554	1.41554	0.462401	0.786601	-1.27129	0.177863	1.58618	1.58618	0.376752	0.746584	-1.33943	0.370649	0.743636	1.34474	0.250111	1.47291	1.47291	0.288215	0.700993	-1.42655	0.927743	0.971198	-1.02966	0.67276	1.14669	1.14669	1.08778	1.78853	1.4615	1
cg06777813	LASS3	0.458147	0.54237	1.38555	1.38555	0.202796	2.05596	2.05596	0.0159876	1.02778	1.02778	0.169895	2.16637	2.16637	0.262887	1.85378	1.85378	0.143994	2.29338	2.29338	0.0722149	2.889115	2.88915	0.344344	1.67372	1.67372	0.85247	1.10345	1.10345	1.08778	4.81706	3.93631	1
cg05538803	PSTK	0.45815	0.12915	0.608815	-1.64254	0.343411	0.744246	-1.34364	0.177119	0.647816	-1.54365	0.414904	1.38687	1.38687	0.788001	0.921691	-1.08496	0.881115	0.955723	-1.04633	0.135296	0.614322	-1.62781	0.516716	0.819579	-1.22014	0.56533	1.19231	1.19231	1.08777	1.57788	1.28939	1
cg05769505	C7orf10	0.458154	0.523024	0.712756	-1.40301	0.941706	1.039	1.039	0.179532	0.474371	-2.10805	0.390615	0.631178	-1.58434	0.0122437	0.269317	-3.7131	0.775903	1.16102	1.16102	0.392529	0.632407	-1.58126	0.623547	0.771986	-1.29536	0.461621	0.675674	-1.48	1.08777	4.71439	3.85245	1
cg15445131	SPHK2;SPH2A	0.458156	0.241305	0.490502	2.0809	0.3760754	0.8180194	-1.22454	0.931955	1.08133	1.08133	0.861139	0.441911	2.26307	0.159753	0.629283	1.59	0.80173	1.24824	1.24824	0.199786	1.33724	1.33724	0.0155	1.5844	1.5844	0.466276	1.55728	1.55728	1.08776	6.47496	5.02493	1
cg18460830	PCBP3;PCBP3	0.458171	0.348824	0.54444	-1.9824	0.189207	0.372769	-2.68262	0.0623302	0.225688	-4.4309	0.562734	0.513464	1.51464	0.164962	0.88291	-1.45797	0.822396	0.852563	-1.17293	0.669746	0.737571	-1.3556	0.468124	0.669745	-1.4936	0.458753	1.70789	1.70789	1.08773	6.57188	5.01462	1
cg20561632	LOC401010	0.458178	0.870004	1.07103	1.07103	0.43041	0.713767	-1.40102	0.0926643	0.460594	-2.17111	0.755875	1.13958	1.13958	0.72722	0.863533	-1.15803	0.532477	1.3033	1.3033	0.12428	2.00834	2.00834	0.747907	0.876323	-1.14466	0.382539	0.687183	-1.45522	1.08772	3.02397	2.4712	1
cg20381457	TRIM62;TRIM2	0.458178	0.191842	0.50527	1.97926	0.2135	1.5227	1.5227	0.166557	1.80065	1.80065	0.131153	2.67792	2.67792	0.0669238	0.0911372	-10.9759	0.682646	0.806472	-1.2397	0.0619203	2.8122191	2.81219	0.0204	2.7042	2.7042	0.0178	2.47605	2.47605	1.08769	4.71495	3.85398	1
cg03325810	CENPO;C2orf79	0.458181	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.896291	0.862893	-1.15889	0.967557	0.95506	-1.04706	0.621744	1.75743	1.75743	0.577084	1.89504	1.89504	1.09154	14.0544	12.8525	1
cg00794813	NGF	0.458183	0.411148	0.784833	-1.27416	0.395373	0.770867	-1.28524	0.586855	0.868979	-1.15154	0.659373	1.06841	1.06841	0.598981	1.18052	1.18052	0.647709	1.06125	1.06125	0.944612	0.928092	-1.15037	0.616084	0.993374	-1.01802	0.981277	0.913754	1.09483	1.08763	0.913754	0.742296	1
cg13821176	TRIB1	0.458183	0.879205	1.07961	1.07961	0.105109	2.43995	2.43995	0.402898	1.53906	1.53906	0.818206	0.890502	-1.12296	0.910132	1.05852	1.05852	0.35987	1.60668	1.60668	0.134514	0.443626	-2.25415	0.352639	1.61893	1.61893	0.621658	1.778363	-1.28475	1.08771	4.37067	3.57177	1
cg15181769	PTPRK;PTPRK	0.458198	0.856481	1.01744	1.01744	0.567881	0.94429	-1.24468	0.959358	1.00236	1.00236	0.677298	1.04076	1.04076	0.191475	0.876276	-1.14119	0.46256	0.931072	-1.07403	0.93971	1.00725	1.00725	0.089445	0.836242	-1.19583	0.17661	1.14704	1.14704	1.08768	0.157122	0.128405	1
cg02030185	ZNF644;CCDC92	0.458221	0.463606	0.785139	-1.27346	0.294634	1.16506	-1.24427	0.950358	1.00322	1.00322	0.893238	0.957496	1.04439	0.325601	1.14912	1.14912	0.302704	1.03271	-1.06933	0.511684	0.963374	-1.03802	0.166084	0.993374	-1.01802	0.981277	0.913754	1.09483	1.08763	0.913754	0.742296	1
cg26960682	GIB6;GIB6;GIB6;GIB6	0.458221	0.464514	0.896567	-1.11537	0.736307	0.951639	-1.05082	0.531338	1.09746	1.09746	0.0741586	1.33889	1.33889	0.286174	0.850059	-1.17639	0.699847	0.944768	-1.05846	0.674254	1.06396	1.06396	0.422674	1.12763	1.12763	0.264318	1.18606	1.18606	1.08763	0.370533	0.302825	1
cg19969778	SIAE;SPA17	0.458222	0.326051	1.78963	1.78963	0.183753	0.825664	-1.91584	0.75313	1.16494	1.16494	0.874994	0.852574	-1.17289	0.0152574	0.58973	-1.69552	0.59893	1.70102	1.70102	0.0170708	0.84799	-1.17889	0.123522	2.44145	2.44145	0.158994	1.51078	1.51078	1.08762	2.14145	1.58994	1
cg15776653	HMGN4	0.458234	0.764539	0.92666	1.08661	0.6565581	0.641796	-1.55813	0.477088	1.16789	1.16789	0.326925	0.804606	-1.24284	0.689166	1.09015	1.09015	0.392168	0.828447	-1.20708	0.32691	1.21895	1.21895	0.389612	0.827562	-1.20837	0.775263	1.06338	1.06338	1.08761	0.793905	0.648849	1
cg08660810	IMPG2	0.458237	0.754955	1.05286	1.05286	0.21928	1.23684	1.23684	0.609384	1.08849	1.08849	0.790378	0.957112	-1.04481	0.798508	0.958784	-1.04299	0.082739	1.37182	1.37182	0.0891921	1.36124	1.36124	0.961244	0.992037	-1.00803	0.289982	1.19806	1.19806	1.0876	0.466314	0.381115	1
cg03313398	PACS2	0.458251	0.652657	1.09483	1.09483	0.753765	0.580194	-1.65437	0.352371	1.18133	1.18133	0.861139	0.441911	2.26307	0.159753	0.629283	1.59	0.773477	0.866562	-1.15397	0.598528	1.30119	1.30119	0.0674	1.08636	1.08636	0.132073	1.29533	1.29533	1.08758	0.64	0.549277	1
cg18449782	SLC16A10	0.458241	0.520311	1.15718	1.15718	0.710701	0.939286	-1.06464	0.513206	1.11793	1.11793	0.27887	1.20838	1.20838	0.14119	0.77583	1.32305	0.710742	0.939295	-1.06463	0.472449	0.884388	-1.13073	0.357741	1.17234	1.17234	0.203095	1.25342	1.25342	1.08759	0.486826	0.397883	1
cg21280015	USH1C;USH1C	0.458245	0.12915	0.608815	-1.64254	0.343411	0.744246	-1.34364	0.177119	0.647816	-1.54365	0.414904	1.38687	1.38687	0.788001	0.921691	-1.08496	0.867525	0.975	1.02564	0.0107157	0.61322	-1.63067	0.416499	0.819579	-1.22014	0.56533	1.19231	1.19231	1.08757	1.57788	1.28939	1
cg03183215	ADAR82	0.458249	0.157555	0.491183	-2.0359	0.254629	0.571469	-1.74988	0.258691	0.574432	-1.74085	0.87741	0.929958	-1.07532	0.650008	0.80663	-1.23973	0.355916	0.639733	-1.56315	0.443707	1.44391	1.44391	0.225578	0.549536	-1.81972	0.106067	0.435899	-2.29411	1.08758	3.81176	3.11539	1
cg21897642	EIF5A2;EIF5A2	0.458251	0.527785	0.904506	-1.10546	0.753765	0.580194	-1.65437	0.352371	1.18133	1.18133	0.861139	0.441911	2.26307	0.159753	0.629283	1.59	0.773477	0.866562	-1.15397	0.598528	1.30119	1.30119	0.0674	1.08636	1.08636	0.132073	1.29533	1.29533	1.08758	0.64	0.549277	1
cg07762868	RAB11FIP3;RAB11FIP3	0.458271	0.317941	1.76566	1.76566	0.62489	0.768072	-1.32668	0.0966758	0.437316	2.28613	0.525861	0.943688	1.06035	0.0966758	0.437316	2.28613	0.525861	0.943688	1.06035	0.0966758	0.437316	2.28613	0.525861	1.31156	1.31156	0.084254	1.85994	1.85994	1.08757	5.22208	4.26822	1
cg01530634	LOC100289511;SFRS5;SFRS5	0.458279	0.405343	1.7054	1.7054	0.152365	0.382422	-2.61491	0.0668762	0.275812	-3.62566	0.672558	0.760228	-1.30544	0.816892	1.15653	1.15653	?	?	?	0.456994	0.621923	-1.60792	0.819571	0.860538	-1.15402	0.930988	1.05581	1.05581	1.07944	5.97398	5.53435	1
cg04200024	OCA2	0.458289	0.956183	0.978503	-1.0351	0.7997	0.921501	-1.08456	0.2017	0.70387	-1.42089	0.710387	0.726027	1.37697	0.0191372	0.522966	1.91311	0.654358	0.836748	-1.1951	0.205803	0.700001	1.42857	0.496884	1.31365	1.31365	0.289112	0.647134	1.54528	1.54528	1.08755	0.644311	2.20209	1
cg20894110	SACS	0.458289	0.954553	1.00951	1.00951	0.329953	0.845992	-1.18204	0.541043	0.903267	-1.10709	0.825354	1.0374	1.0374	0.0499662	0.689769	-1.44976	0.928436	1.20092	1.20092	0.823024	0.963468	-1.03792	0.450773	1.13617	1.13617	0.569264	0.90886	-1.10028	1.0875	0.475401	0.388577	1
cg20936733	NARFL	0.458291	0.483912	0.849014	-1.17666	0.630286	1.11739	1.11739	0.825416	0.959736	-1.05182	0.457348	0.841073	-1.18906	0.0435513	0.588156	-1.70035	0.569588	1.14648	1.14648	0.273611	1.29761	1.29761	0.848765	1.04462	1.04462	0.997248	0.999212	-1.00079	1.0876	0.000401	0.735162	1
cg02151997	TNXB	0.458316	0.577704	0.627269	-1.59465	0.605519	2.21132	2.21132	0.253012	1.39163	1.39163	0.793486	1.19898	1.19898	0.193372	0.805958	-1.24095	0.519221	1.93163	1.93163	0.0178396	1.54612	1.54612	0.0126176	0.942157	1.06142	0.966466	0.971339	1.02961	1.08745	8.24028	6.73567	1
cg13415628	MET1D0	0.458323	0.338344	1.37534	1.37534	0.136969	1.67744	1.67744	0.790297	1.08987	1.08987	0.612305	0.847873	-1.17942	0.285435	0.698896	-1.43083	0.229381	0.665463	-1.50271	0.220223	1.51622	1.51622	0.897239	1.04261	1.04261	0.831808	1.07109	1.07109	1.08744	1.79579	1.46791	1
cg02610108	PTEN;KLLN;KLLN	0.458323	0.172369	0.57268	1.74639	0.153544	0.600894	-1.66485	0.0880095	0.412603	2.42403	0.464042	0.778751	-1.28484	0.0285583	0.512008	-1.95312	0.847625	1.17575	1.17575	0.416499	0.852373	-1.17316	0.222008	0.812573	0.95272	-1.04963	0.807183	1.1803	1.1803	1.08742	1.28495	1.08474	1
cg21605105	PHGR1	0.458324	0.342863	0.618032	-1.61804	0.340596	1.62193	1.62193	0.571726	1.325	1.325	0.878192	0.927257	-1.07845	0.0661191	0.362364	-2.75966	0.92148	1.04975	1.04975	0.673536	0.811667	-1.23203	0.241878	0.547057	-1.82796	0.320688	0.603345	-1.65743	1.08743	4.17636	3.41383	1
cg16682055	SYF2;SYF2	0.458325	0.10074	0.435607	-2.29565	0.900979	1.03838	1.03838	0.960725	1.01092	1.01092	0.222922	0.955347	1.88068	0.0178312	1.25803	1.25803	0.929046	1.04143	1.04143	0.193617	1.8821	1.8821	0.359898	1.53855	1.53855	0.061384	1.83612	1.196	1.08742	3.55702	2.50489	1
cg00295780	SDCCAG8	0.458329	0.672706	0.755265	-1.32404	0.644643	0.59335	-1.59335	0.187773	2.51463	2.51463	0.487071	0.629976	-1.61037	0.0176097	0.07123	0.07123	0.872308	1.11211	1.11211	0.41986	1.0952	1.0952	0.76239	0.76239	0.793201	0.840667	-1.18953	1.08742	7.51569	6.14352	1
cg09221739	GNAT3	0.458333	0.411247	1.35857	1.35852	0.977342	0.989697	-1.01041	0.149535	0.569215	-1.75681	0.734991	1.13222	1.13222	0.897173	0.953945	-1.04828	0.509268	1.27652	1.27652	0.109275	1.8904	1.8904	0.474321	0.766946	-1.30387	0.327531	0.691724	-1.44566	1.08742	2.2902	1.87209	1
cg15867164	DCHS1;DCHS1	0.458334	0.17271	1.53627	1.53627	1.88464	0.53107	1.88363	0.0231395	0.964675	-1.71035	0.974748	0.983959	-1.01705	0.974748	0.983959	-1.01705	0.974748	0.983959	-1.01705

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg12432568	MCF2L,MCF2L		0.253981	1.58238	1.54238	1.247677	1.55204	1.55204	0.315416	1.45868	1.45868	0.980957	0.991357	-1.00872	0.924531	0.966127	-1.03506	0.488525	1.29166	1.29166	0.0779624	2.1804	2.1804	0.12219	1.83936	1.83936	0.542867	1.25108	1.25108	0.10855	2.27626	1.86218	1
cg13770573	AGAP1,AGAP1		0.476786	0.176597	0.421549	-2.37221	0.666464	0.770472	-1.29791	0.760216	0.831878	-1.20211	0.515199	0.67246	-1.48708	0.334578	0.549674	-1.81926	0.715972	1.24575	1.24575	0.0488552	0.258548	-3.86776	0.444947	1.59722	1.59722	0.935352	1.04999	1.04999	0.08554	2.62263	5.09069	1
cg09259694	SPHED2		0.458793	0.322932	1.69767	1.69767	0.63545	0.791148	-1.26399	0.788775	0.870062	-1.14934	0.0511963	0.316324	-3.16131	0.803883	1.13766	1.13766	0.534052	0.721474	-1.38605	0.166759	0.465717	-2.14723	0.83026	1.11769	1.11769	0.611427	0.766758	-1.30419	0.10852	4.624	3.78291	1
cg09162146	ABHD4,AP2I			0.809473	1.17367	1.17367	0.51950	1.54155	1.54155	0.206237	2.42032	2.42032	0.972181	1.02838	0.0899608	2.89565	-1.45224	0.463502	0.609758	-1.63959	0.393243	0.559576	-1.78707	0.304189	2.02482	2.02482	0.813856	1.16916	1.16916	0.10651	7.56325	6.18759	1
cg07746699	ITT140			0.824824	0.624047	1.19685	1.19685	0.4268	1.287	1.287	0.417326	1.35191	0.440877	0.751335	-1.33096	0.779159	0.902793	-1.10767	0.340309	0.699439	-1.42972	0.0538041	2.21771	2.21771	0.602368	1.21072	1.21072	0.371482	1.39626	1.39626	0.12486	2.76994	1.86288	1
cg12124972	HTRA3			0.833622	0.316948	-3.15939	0.605228	0.69052	-1.44818	0.758432	0.8032621	-1.24492	0.652106	0.724079	-1.3803	0.0278331	0.157835	-6.33573	0.59256	0.681393	-1.46758	0.309239	0.473632	-2.11134	0.488944	0.606993	-1.64747	0.670149	0.737649	-1.35566	0.10845	6.87838	7.10028	1
cg02828306	LOC221122			0.458843	0.950775	1.05304	1.05304	0.07295548	5.33446	5.33446	0.059547	5.92999	5.92999	0.992152	1.00827	1.00827	0.471204	0.541443	-1.84692	0.859062	1.16042	1.16042	0.793495	1.24558	1.24558	0.813035	1.21936	1.21936	0.999863	0.999856	-1.00014	0.18643	12.0561	9.864	1
cg14138112	KDM4C,KDM4C,KDM4C,KDM4C			0.458845	0.240512	0.385511	-2.59396	0.337704	2.12254	2.12254	0.260791	2.33176	2.33176	0.754653	0.645581	-1.54919	0.0927212	0.238108	-4.19977	0.378599	0.496234	-2.01516	0.917565	1.08362	1.08362	0.929992	1.18151	1.18151	0.529493	0.610114	-1.63904	0.18642	10.353	8.47059	1
cg25779912	MDH2,STYL1			0.458848	0.316676	0.680136	-1.44389	0.579367	1.22213	1.22213	0.373315	0.720774	-1.3874	0.785202	1.10283	1.10283	0.975483	1.00968	1.00968	0.0360489	2.39544	2.39544	0.894713	0.95367	-1.04858	0.812401	0.918348	-1.08891	0.880667	1.05529	1.05529	0.18642	2.20853	1.80699	1
cg21243154	TRIM27			0.458853	0.78265	0.947108	-1.05585	0.546165	0.8869	-1.12752	0.706688	0.928404	-1.07712	0.0787856	1.46756	1.46756	0.11303	1.40346	1.40346	0.538381	0.884779	-1.13023	0.675368	0.920565	-1.08629	0.494018	1.14624	1.14624	0.849981	0.963474	-1.03791	0.08641	0.664442	0.543641	1
cg13593617	KCNT1			0.458856	0.570183	1.23766	1.15335	0.262607	1.14074	1.14074	0.426726	0.935881	0.730927	-1.36813	0.493928	1.94	0.0850211

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 1047)	p-value(111T vs. N)	Fold-Change(111T vs. 1047)	p-value(112T vs. N)	Fold-Change(112T vs. 1047)	p-value(121T vs. N)	Fold-Change(121T vs. 1047)	p-value(3477 vs. N)	Fold-Change(3477 vs. 1047)	p-value(3537 vs. N)	Fold-Change(3537 vs. 1047)	p-value(5377 vs. N)	Fold-Change(5377 vs. 1047)	p-value(5 vs. N)	Fold-Change(5 vs.5637)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11444415	TNKS1BP1		0.459597		0.843328	0.993858	-1.04925	1.826277	0.947993	-1.05486	0.700144	0.9302558	-1.09859	0.911304	0.973289	-1.02744	0.9445902	1.75126	1.75126	0.344701	0.789402	-1.26878	0.550728	0.863572	-1.15798	0.256339	0.749852	-1.3336	0.82944	1.05382	1.03586	1.00446	0.831111	1
gb	38495433	CLIP2;CLIP2		0.459598		0.269003	0.557599	-1.7934	0.217277	0.517009	-1.9342	0.146083	0.4513553	-2.21556	0.770466	0.862789	-1.15903	0.101299	0.399483	-2.50323		0.619162	0.776489	-1.28785	0.184644	0.488719	-2.04617	0.841859	1.106	1.106	0.653419	1.25626	1.25626	1.10186	4.34374	3.06615	1
gb	43385414	FYN		0.459603		0.325281	1.16467	1.16467	0.173529	1.24275	1.24275	0.273982	1.1863	1.1863	0.241883	1.20182	1.20182	0.874232	1.02406	1.02406		0.201888	1.22414	1.22414	0.496035	0.901464	-1.10931	0.126717	1.28136	1.28136	0.293337	1.17774	1.17774	1.08495	0.387039	0.317097	1
gb	41251690	MICALL2		0.459604		0.349546	1.62296	1.62296	0.1048111	1.445354	1.445354	0.318223	1.67998	1.67998	0.609616	1.29847	1.29847	0.217707	1.23908	1.23908		0.7847	1.14764	1.14764	0.1124719	2.30668	2.30668	0.750354	1.17412	1.17412	0.933756	0.959057	-1.04269	1.04695	4.34526	3.56003	1
gb	27662639	POU5F		0.459611		0.423985	1.60583	1.60583	0.365604	1.17462	1.17462	0.610181	1.34748	1.34748	0.157354	2.4039	2.4039	0.157512	1.41804	1.41804		0.414262	1.6227	1.6227	0.245435	2.0232	2.0232	0.0336446	4.21752	4.21752	0.371122	1.70349	1.70349	0.49494	5.78116	4.7365	1
gb	27693674	ATXN10;ATXN10		0.459632		?	?	?	0.134415	6.13991	6.13991	0.264125	3.64141	3.64141	?	0.0000	?	?	0.240336	3.92418	3.92418	0.900567	1.14653	1.14653	0.939255	0.920015	-1.08694	1.06933	10.7194	12.0293	1
gb	26394233	PTPRN2;PTPRN2;PTPRN2		0.459633		0.510343	0.853617	-1.17148	0.940508	1.01785	1.01785	0.0779385	0.6285583	-1.59088	0.725699	0.919898	-1.08708	0.478793	0.843104	-1.18609		0.239035	0.746571	-1.33946	0.159067	1.42866	1.42866	0.908191	1.02772	1.02772	0.567629	0.872033	-1.14675	1.04689	0.965305	0.790907	1
gb	35144230	EXD3		0.459646		0.222529	0.43545	-2.29547	0.0936561	2.012111	2.012111	0.104838	1.50291	1.50291	0.330891	0.521891	-1.91611	0.311932	0.507613	-1.97		0.955664	0.964605	-1.03669	0.194442	0.403764	-2.47443	0.317005	0.779921	-1.28218	0.15832	0.376236	-2.65791	1.08487	7.21874	5.91468	1
gb	41665740	PODXL;PODXL		0.459647		0.354575	0.753717	-1.32674	0.389772	0.769768	-1.29909	0.251317	0.700606	-1.42734	0.416726	0.781609	-1.27941	0.312112	0.598549	-1.67071		0.741795	0.906508	-1.10313	0.0592684	0.533437	-1.88169	0.171381	0.649003	-1.54082	0.648958	0.827794	-1.14575	1.04887	1.5143	1.24074	1
gb	39737791	OCA2		0.459649		0.891661	1.04003	1.04003	0.493393	0.818447	-1.22183	0.400607	0.780503	-1.28122	0.425662	0.791116	-1.26404	0.349001	0.757526	-1.32009		0.515135	0.82688	-1.20937	0.0923618	1.70497	1.70497	0.22847	0.694847	-1.43917	0.341865	0.75421	-1.32589	1.04846	1.42543	1.16793	1
gb	30747789	LOC286094		0.459651		0.158737	0.777204	-1.28635	0.19014	0.918946	-1.08846	0.713761	0.763023	-1.31058	0.223369	0.708741	-1.41096	0.313763	0.623305	-1.60475		0.651814	0.926844	-1.07933	0.305257	0.979248	-1.02115	0.675331	1.07299	1.07299	0.877141	0.729626	-1.37056	1.08486	0.680572	0.393762	1
gb	32188939	SLC43A2		0.459652		0.251985	0.523084	-1.91174	0.728265	1.20789	1.20789	0.111942	2.55311	2.55311	0.0231	0.893203	0.952824	-1.04951	0.108154	0.387076	-2.58347		0.679786	0.679207	-1.47231	0.144321	0.452099	-2.21128	0.323287	0.57609	0.573223	0.95214	0.95214	1.12472	1.54795	0.64184	0.42805	1
gb	32258317	GRIA4;GRIA4;GRIA4;GRIA4		0.459656		0.649245	0.674435	-1.53037	0.628021	0.628021	-1.58077	0.422227	1.18902	2.18802	0.855081	0.844043	-1.18427	0.229605	0.844043	-1.18427		0.429396	0.832337	0.25928	2.57609	2.57609	0.173223	3.95214	3.95214	1.12472	14.5795	8.64184	1
gb	37181902	TMEM150A;TMEM150A;TMEM150A		0.459657		0.196129	0.806359	-1.24014	0.10485	0.756123	-1.32254	0.260147	0.831154	-1.20315	0.230365	0.820262	-1.21912	0.684449	1.06645	1.06645		0.474931	0.891897	-1.12121	0.134431	0.775589	-1.28934	0.85601	1.02901	1.02901	0.909647	0.982284	-1.01804	1.04585	0.425964	0.349022	1
gb	39851981	GOLGB1		0.459665		0.917917	0.957781	-1.04408	0.256652	0.609112	-1.6421	0.196603	1.00177	1.00177	0.463583	0.716927	-1.39484	0.259991	0.608856	-1.64242		0.178687	0.549995	-1.8182	0.163753	0.536952	-1.86236	0.476691	1.35362	1.35362	0.118611	0.492186	-2.03175	1.08483	3.00837	2.465	1
gb	38944723	TRHDE		0.459666		0.315405	1.370992	-2.69548	0.114537	1.512571	1.512571	0.998118	0.997775	-1.00226	0.709674	1.429195	1.429195	0.912134	0.899929	-1.1112		0.166253	0.72413	-1.38145	0.0967155	0.644966	-1.55046	0.566133	1.76637	1.76637	0.906601	0.893943	-1.11864	1.00994	2.26645	1.75305	1
gb	38058610	ZNF836		0.459668		0.50141	0.906495	-1.10315	2.033979	0.835679	-1.19663	0.559419	0.918584	-1.08863	0.575718	1.08475	1.08475	0.957176	1.00776	1.00776		0.821985	1.03295	1.03295	0.516601	1.09923	1.09923	0.0762683	0.752941	-1.32812	0.261408	1.18353	1.18353	1.0848	0.355632	0.291405	1
gb	24710309	ARID4B;ARID4B		0.459682		0.248063	1.93813	1.93813	0.808534	1.14229	1.14229	0.824001	0.888393	-1.13273	0.512391	1.39013	1.39013	0.352657	1.68895	1.68895		0.351614	1.60098	1.60098	0.171613	2.22003	2.22003	0.0459082	3.50381	3.50381	0.282987	1.84285	1.84285	1.0848	5.15914	4.22759	1
gb	33723497	TNFAIP8		0.459686		0.0609373	0.482035	-2.07454	0.163867	0.598532	-1.67075	0.547569	0.810373	-1.234	0.496256	0.78767	-1.26957	0.357376	0.721067	-1.38683		0.166263	0.6005	-1.66528	0.236944	0.651751	-1.53433	0.191354	0.620065	-1.61274	0.454962	0.768793	-1.30074	1.08479	2.05076	1.68041	1
gb	21226665	LOC285035;OSBPL3;OSBPL3;OSBPL3;OSBPL3		0.459694		0.20513	0.84781	-1.17951	0.931498	0.989439	-1.01067	0.401275	1.11193	1.11193	0.956022	1.00683	1.00683	0.0771598	0.784521	-1.27466		0.453936	0.910094	-1.09879	0.260638	0.865115	-1.15592	0.60698	0.937933	-1.06617	0.201605	0.846594	-1.1812	1.08478	0.262025	0.214709	1
gb	38351607	PSTK		0.459695		0.536047	0.820544	-1.2187	0.20778	0.657545	-1.52081	0.53125	0.818584	-1.22162	0.429381	0.784372	-1.27447	0.364724	0.864729	-1.15643		0.763714	1.09883	1.09883	0.0490434	0.492011	-2.03248	0.59777	0.845306	-1.183	0.556148	1.20671	1.20671	1.08477	1.71162	1.40255	1
gb|35407135	LOC150568		0.459697		0.787013	1.082488	1.082488	0.0119358	0.779854	-1.28285	0.203889	0.649158	-1.54032	0.240883	0.649158	-1.54032	0.240883	0.649158	-1.54032		0.649178	1.0471	1.0471	0.0634945	0.647491	1.0471	0.0634945	1.85545	1.85545	0.0574324	1.20858	1.20858	0.6634945	1.14173	1.14173	0.84777	1.2091	1
gb	26207245	FMNL2		0.459698		0.930994	0.942789	-1.06068	0.1424559	0.942169	-2.92253	0.194062	0.392741	-2.54621	0.175624	2.66342	2.66342	0.628386	0.717664	1.39341		0.514877	1.56709	1.56709	0.619404	1.40578	1.40578	0.658319	1.35356	1.35356	0.418581	1.75458	1.75458	1.08477	7.94926	6.51385	1
gb	18547611	FAM105A		0.4597		0.314924	1.23428	1.23428	0.240684	1.28249	1.28249	0.153213	1.36315	1.36315	0.567535	0.889546	-1.12417	0.34706	0.321912	1.21668		0.62127	0.904048	-1.10614	0.271068	0.792871	-1.26124	0.719773	0.929627	-1.0757	0.546994	0.883863	-1.1314	1.04876	0.704873	0.577595	1
gb	20128328	MACROD1		0.459701		0.305048	1.2135	1.2135	0.0825125	0.679579	0.679579	0.0258353	0.544439	-1.83693	0.650397	0.772423	-1.29463	0.276833	0.544439	-1.83693		0.166253	1.2413	1.2413	0.0226205	0.544784	1.2413	0.0226205	0.709378	-1.40969	0.753516	0.836708	-1.19556	1.08478	5.50303	4.50936	1
gb	33344031	MYH14;MYH14;MYH14		0.459708		0.746474	0.767473	-1.30298	0.295153	0.412396	-2.42485	0.809872	0.821478	-1.21732	0.902886	0.905208	-1.10472	0.040122	1.444419	-6.9241		0.144396	0.278259	-3.59377	0.212849	0.342863	-2.91661	0.426234	0.515381	-1.94031	0.80931	0.82099	-1.21804	1.04675	1.41357	0.97089	1
gb|30838418	GNA11		0.459712		0.514682	0.787332	-1.27049	0.833054	1.03589	1.03589	0.48384	1.39459	1.39459	0.621684	1.241159	1.241159	0.275275	0.974534	1.02352	1.02352		0.267192	0.614873	-1.62655	0.0818091	0.449757	-2.22342	0.409402	0.624527	-1.60194	0.242674	0.33494	-2.98545	1.08483	1.85811	1.58467	1.26795	1
gb	16836581	ARF4		0.459714		0.915696	0.20565	1.05565	0.0627805	0.29175	2.9175	0.0912402	0.25801	-2.58901	0.633164	0.678467	-1.47368	0.256467	0.126448	-7.90448		0.53186	0.723357	-1.38244	0.542243	0.729429	-1.37094	0.987455	1.00807	1.00807	0.748076	1.18012	1.18012	1.08474	1.49336	3.68209	1
gb	17664568	TM9SF3		0.459722		0.278018	0.861241	-1.16112	0.139774	1.23418	1.23418	0.31641	1.14701	1.14701	0.678936	0.94653	-1.05649	0.495882	1.09589	1.09589		0.791782	0.965569	-1.03566	0.17659	0.826768	-1.20953	0.464196	0.906056	-1.10368	0.753396	0.959124	-1.04262	1.04672	0.301264	0.246875	1
gb	18023775	OSBPL3;OSBPL3;OSBPL3;OSBPL3		0.459728		0.762534	1.18801	1.18801	0.0975939	1.12471	1.12471	0.0874425	0.7659639	-1.29931	0.178244	0.722952	1.224135	1.224135	0.0874425	0.48238	0.48238	0.256585	3.896302	0.588172	1.36461	1.36461	0.0960756	0.924455	0.947563	-1.05534	0.94671	0.455186	1
gb	36735637	L27RA		0.459735		0.500916	1.30903	1.30903	0.984982	1.007045	1.00745	0.687231	1.17297	1.17297	0.914559	0.958578	-1.04321	0.0438377	0.401231	-2.49233		0.813259	1.09777	1.09777	0.470414	1.13569	1.13569	0.531678	0.779013	-1.28368	0.282235	1.55344	1.55344	1.0847	2.6693	2.18745	1
gb	24738460	TMEM146;LONP1		0.459745		0.954544	0.942249	-1.06111	0.991378	1.087	1.087	0.0158357	1.32217	1.32217	0.301257	1.2094	1.2094	0.0529135	1.17628	1.17628		0.314356	1.2166	1.2166	0.0204204	0.929139	1.2166	0.0204204	1.23802	1.23802	0.0569159	1.53269	1.53269	1.08474	2.96704	2.55103	1
gb	27061426	ZBTB38		0.459742		0.87167	0.87752	-1.13958	0.0589978	0.60292	0.60292	0.121742	3.87967	3.87967	0.635737	0.679737	-1.47116	0.542271	0.60742	1.64631		0.915039	1.09008	1.09008	0.538994	0.604903	-1.65316	0.665405	1.42141	1.42141	0.972723	0.972745	-1.02802	1.08468	11.2208	9.19536	1
gb	31796568	DNAH10		0.459743		0.869456	1.04371	1.04371	0.203415	0.705256	-1.41793	0.144258	0.66499	-1.50378	0.480028	0.829656	-1.20532	0.952302	0.984561	-1.01568		0.672717	1.11685	1.11685	0.0996459	1.59901	1.59901	0.858949	1.04736	1.04736	0.768479	0.926094	-1.0798	1.08468	1.16226	0.952462	1
gb	24794955	ARHGEF18;ARHGEF18		0.459744		0.852566	1.0471	1.0471	0.352026	0.926361	-1.07971	0.271271	0.453072	0.8205599	-1.53705	0.594254	1.35306	1.35306	0.941219	0.953381	-1.04935		0.653523	1.2891	1.2891	0.0154553	0.774006	-1.29151	0.376536	0.993799	0.354103	-1.00563	0.533403	1.44258	1.08468	3.43313	2.44258	1
gb	25390635	GRAMD4		0.459747		0.960982	1.01783	1.01783	0.180312	0.598097	-1.67197	0.797968	0.911494	-1.0971	0.517975	1.26716	1.26716	0.182192	1.66783	1.66783		0.205422	1.62033	1.62033	0.411124	1.35477	1.35477	0.224775	1.5851	1.5851	0.352162	1.41326	1.41326	1.08467	2.24212	1.83742	1
gb	32741327	TMEM163		0.459762		0.28961	1.39474	1.39474	0.0309207	0.599317	1.70117	0.334861	0.805266	-1.27583	0.62072	0.782195	1.52139	1.52139	0.611139	0.630702	-1.58566		0.774594	1.79854	1.79854	0.163665	0.882007	1.79854	0.163665	2.48311	2.48311	0.0466657	1.18338	1.18338	1.08467	0.843811	0.711851	1
gb|26217402	C14orf43		0.459775		0.645651	1.46117	1.46117	0.0574109	1.85102	1.85102	0.714866	0.740419	-1.35059	0.737015	0.75876	-1.31794	0.301257	0.40444	-2.47244		0.666433	1.42649	1.42649	0.0969103	0.445483	1.42649	0.0969103	0.44483	-2.24879	0.0969103	1.37094	0.987455	1.07091	1.17091	1.04962	1.12523	0.94544	1
gb	25233050	FFO1;FFO1;NOP2;NOP2		0.459783		0.941073	0.978167	-1.02232	0.0824315	1.77614	1.77614	0.470741	1.24495	1.24495	0.501237	0.815598	-1.22609	0.197596	0.665859	-1.50182		0.596662	1.1729	1.1729	0.373938	0.761453	-1.31328	0.460807	0.799149	-1.25133	0.840981	0.941777	-1.06182	1.0846	1.53163	1.25525	1
gb	30922648	KLHC1;KLHC1;KLHC1;KLHC1		0.459784		0.826829	1.19353	1.19353	0.0690937	1.31771	1.31771	0.212763	1.140733	1.140733	0.805266	0.82546	-1.21139	0.163139	0.630702	-1.58566		0.478811	1.56503	1.56503	0.0312709	0.436138	1.56503	0.0312709	0.568035	-1.76048	0.0312709	1.5851	1.5851	1.0846	15.7163	12.8795	1
gb|26217402	C14orf43		0.459775		0.645651	1.46117	1.46117	0.0574109	1.85102	1.85102	0.714866	0.740419	-1.35059	0.737015	0.75876	-1.31794	0.301257	0.40444	-2.47244		0.666433	1.42649	1.42649	0.0969103	0.445483	1.42649	0.0969103	0.44483	-2.24879	0.0969103	1.37094	0.987455	1.07091	1.17091	1.04962	1.12523	0.94544	1
gb	25233050	FFO1;FFO1;NOP2;NOP2		0.459783		0.941073	0.978167	-1.02232	0.0824315	1.77614	1.77614	0.470741	1.24495	1.24495	0.501237	0.815598	-1.22609	0.197596	0.665859	-1.50182		0.596662	1.1729	1.1729	0.373938	0.761453	-1.31328	0.460807	0.799149	-1.25133	0.840981	0.941777	-1.06182	1.0846	1.53163	1.25525	1
gb	30922648	KLHC1;KLHC1;KLHC1;KLHC1		0.459784		0.826829	1.19353	1.19353	0.0690937	1.31771	1.31771	0.212763	1.140733	1.140733	0.805266	0.82546	-1.21139	0.163139	0.630702	-1.58566		0.478811	1.56503	1.56503	0.0312709	0.436138	1.56503	0.0312709	0.568035	-1.76048	0.0312709	1.5851	1.5851	1.0846	15.7163	12.8795	1
gb	20167539	PARK2;PARK2;PARK2		0.459785		0.507061	1.32294	1.32294	0.687522	1.18308	1.18308	0.756589	1.138	1.138	0.816093	1.10171	1.10171	0.306759	1.55261	1.55261		0.307584	1.55136	1.55136	0.033586	2.70803	2.70803	0.553483	1.28303	1.28303	0.103212	2.0982	2.0982	1.0846	2.96958	2.24373	1
gb	22623548	ZNF354C		0.459787		?	?	?	0.0420838	4.40408	4.40408	0.184273	2.62167	2.62167	0.139489	0.622162	-1.60702	0.0268564	0.622162	-1.60702		0.240261	1.4722	1.4722	0.429697	0.632854	1.4722	0.429697	0.464941	-2.15106	0.429697	1.58501	1.58501	1.08467	4.4709	3.4641	1
gb	29071690	OMA1		0.459802		0.450486	1.15048	1.15048	0.705151	1.07176	1.07176	0.389153	1.17449	1.17449	0.63134	1.09214	1.09214	0.3121	0.826434	-1.21002		0.302461	0.823045	-1.215	0.110135	0.728004	-1.37362	0.649193	1.08707	1.08707	0.325703	1.20322	1.20322	1.08457	0.570907	0.467904	1
gb	29774856	HOMER3;HOMER3;HOMER3		0.459821		0.94996	0.960349	-1.04173	0.637779	0.825227	-1.21179	0.962047	0.916433	-1.09093	0.801607	1.02269	1.02269	0.0723828	0.619482	-1.61427		0.565406	0.889125	-1.1389	0.0870455	0.985696	-1.01451	0.937805	1.04753	1.04753	0.0870455	1.08483	1.08483	1.08457	0.860753	0.705447	1
gb	30534133	CENPH;CENPH		0.459825		0.938616	0.942648	-1.08157	0.128742	0.542896	-1.84896	0.289528	0.244029	-4.08234	0.702319	0.676213	-1.47882	0.439266	0.223793	-4.46938		0.70586	0.679559	-1.47154	0.163299	0.216495	-4.61905	0.462624	0.14538	0.142704	0.204873	0.20685	0.20685	1.10139	0.7106	12.4998	1
gb	31607423	CABC1		0.459837		0.732833	0.839986	-1.1905	0.0429306	3.27258	3.27258	0.087819	2.60855	2.60855	0.902601	1.06425	1.06425	0.941527	0.963157	-1.03804		0.68095	1.23416	1.23416	0.667897	1.24563	1.24563	0.743537	1.18184	1.18184	0.874096	0.922472	-1.08404	1.0845	4.44811	3.64582	1
gb	31044290	WIN2		0.459842		0.714083	0.747081	-1.33854	0.6644191	0.924146	-1.08208	0.743051	0.945733	-1.05738	0.164218	0.777432	-1.28629	0.878913	0.974237	-1.02639		0.554908	1.10659	1.10659	0.148581	1.30058	1.30058	0.0911088	0.917178	0.901178	0.1213	1.0211	1.0211	1.08449	0.494177	0.405407	1
gb	31406797	FBXO41		0.459848		0.922375	0.964177	-1.03715	0.167501	0.57656	-1.73443	0.274434	0.653359	-1.53055	0.467326	0.758192	-1.31893	0.0966766	0.505317	1.97895		0.418446	0.733845	-1.36268	0.103063	0.51301	-1.94928	0.62757	1.2008	1.2008	0.560981	1.802495	-1.24611	1.08448	2.40614	1.97219	1
gb	30858703	FAM19A1		0.459858		0.274397	0.447503	-2.08899	0.213187	0.426618	-2.34402	0.405986	0.833434	-1.14372	0.610993	1.39415	1.39415	0.0897324	0.297677	-3.35935		0.455158	0.60946	-1.63981	0.463107	0.618216	-1.61756	0.0916981	0.310091	-3.22486	0.0907224	1.00756	1.00756	1.08446	0.70855	0.590896	1
gb	31639350	KNDC1		0.459861		0.651725	0.772226	-1.29496	0.0652373	1.34534	1.34534	0.0925355	1.86651	1.86651	0.795292	0.862512	-1.1594	0.862147	0.905861	-1.10392		0.846814	1.15137	1.15137	0.618448	1.3306	1.3306	0.900668	1.07362	1.07362	0.49397	0.673583	-1.4846	1.08445	5.5381	4.55578	1
gb	16720847	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1		0.459861		0.189567	0.591581	-1.67791	0.165008	0.575969	-1.73621	0.927298	0.10458	1.03458	0.255428	1.55622	1.55622	0.903524	1.0462	1.0462		0.604314	1.21499	1.21499	0.15264	1.76938	1.76938	0.935965	1.08029	1.08029	0.823298	0.920065	-1.08688	1.08445	2.38312	1.95337	1
gb	18364502	RBM25		0.459865		?	?	?	0.708834	1.15286	1.15286	0.146125	0.553419	-1.80695	0.919123	1.03927	1.03927	0.312194	1.48653	1.48653		?	?	?	0.125488	0.533242	-1.87532	0.906141	0.956257	-1.04574	0.674148	0.851836	-1.17394	1.06578	1.88786	2.02439	1
gb	31581096	CCDC150		0.459866		0.80591	1.04673	1.04673	0.770556	1.05575	1.05575	0.967494	0.892469	-1.00759	0.537861	1.12268	1.12268	0.291281	0.791034	-1.26417		0.195957	1.28877	1.28877	0.0775752	1.4429	1.4429	0.513026	0.884202	-1.13096	0.0491819	1.13759	1.13759	1.08444	0.591095	0.484605	1
gb	30271777	DMBT1;DMBT1;DMBT1		0.459875		0.688432	0.888543	-1.11291	0.339027	0.769854	-1.29895	0.432848	0.808615	-1.23668	0.714966	0.907243	-1.10224	0.325462	0.763782	1.30927		0.915796	1.02847	1.02847	0.140648	1.52293	1.52293	0.105577	0.625471	-1.59879	0.638928	1.13363	1.13363	1.08442	2.20981	0.991664	1
gb	31671308	MEGF11		0.459879		0.602707	0.823322	-1.21459	0.264742	0.650312	-1.53772	0.177269	1.7004	1.7004	0.449506	1.33014	1.33014	0.226582	1.60002	1.60002		0.261776	0.648423	-1.5422	0.487104	1.29872	1.29872	0.550879	1.25031	1.25031	0.623756	0.832745	-1.20085	1.08442	2.35374	1.92935	1
gb	34131442	ZCSH12		0.459882		0.427307	0.615937	-1.62354	0.1744	0.704307	-1.42024	0.249915	0.487265	-2.05227	0.0257109	0.605154	1.65154	0.0257109	0.605154	1.65154		0.604056	0.731576	-1.36703	0.243516	0.61527	-1.6253	0.915534	0.56045	1.78426	0.915534	0.56045	1.78426	1.08441	0.56045	0.503115	1
gb	31640287	ZNF648		0.459887		0.198728	0.3653	-2.73748	0.492182	0.596153	-1.67742	0.822117	0.846224	-1.18172	0.536342	0.628576	-1.5909	0.0399757	0.171988	-5.81437		0.334442	0.478005	-2.09203	0.306072	0.45577	-2.19409	0.375836	0.343946	-2.90744	0.35091	0.490709	-2.03787	1.0844	0.94286	0.74035	1
gb	31794956	RNGTT		0.459892		0.626507	0.570463	-1.75296	0.0917351	0.62333	0.62333	0.24066	1.74366	1.74366	0.0899792	0.610244	1.63907	0.0899792	0.610244	1.63907		0.820464	1.29393	1.29393	?	?	?	?	0.0324541	2.12428	2.12428	0.0324541	2.12428	2.12428	1.08434	13.1038	12.1208	1
gb	34177287	KCNIP4		0.459894		0.69343	1.1866	1.1866	0.203402	1.78562	1.78562	0.742073	1.15329	1.15329	0.829248	1.09776	1.09776	0.595454	0.793413	-1.26038		0.07065582	2.39249	2.39249	0.103688	2.15641	2.15641	0.291602	1.6041	1.6041	0.712906	1.17304	1.17304	1.08439	3.20277	2.62536	1
gb	27654966	CLCN1;CLCN1;

File: ESM_23 (Online Resource 23)

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5377 vs. N)	Fold-Change(5 vs.5637)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg17585548	MAP3K1;MAP3K1		0.463443	0.970748	-1.0214	1.2458458	0.695076	-1.43662	0.297753	0.724542	-1.38208	0.0719138	0.551781	-1.81231	0.218332	0.676063	-1.47915									
cg22068764	GORAB;GORAB;GORAB		0.460352	0.85963	1.03718	0.4461164	1.60208	1.603208	0.331566	1.22949	1.22949	0.724384	0.929589	-1.07574	0.333635	1.22834	1.22834	0.607645	0.856766	-1.16718	0.904732	1.03639	1.03639	0.31438	1.30421	1.30421	0.613661	1.34194	1.39194	1.0835	0.72987	0.598775	1
cg21855816	C7orf50;C7orf50;C7orf50		0.460363	0.419367	0.609454	-1.64081	0.10537	0.345808	-2.89178	0.549028	0.694965	-1.43892	0.58408	1.39346	1.39346	0.0963639	0.334297	-2.99136									
cg19193495	NXN		0.460366	0.818455	0.886569	-1.12794	0.763782	0.853999	-1.17096	0.376208	0.621548	-1.66889	0.786589	1.1527	1.1527	0.0736534	0.351958	-2.84125									
cg21060663	STK10		0.460392	0.123689	0.327255	-3.00572	0.246089	2.25387	2.25387	0.426173	1.72349	1.72349	0.579727	0.68747	-1.45461	0.252192	0.448741	-2.22846									
cg23404573	CTXN1		0.460421	0.166757	0.715963	-1.39672	0.108209	0.672203	-1.48765	0.79322	1.06135	1.06135	0.431948	0.833783	-1.19535	0.103907	0.668302	-1.49633									
cg21462499	FNDC3B;FNDC3B		0.460432	0.274596	0.58178	-1.71886	0.0585755	0.361261	-2.76808	0.503197	0.723442	-1.38228	0.999285	0.999573	-1.00043	0.138729	0.467939	-2.13703									
cg18491230	ANLN;KIAA0895;ANLN		0.460446	0.180983	1.15698	1.156698	0.183351	1.15682	1.156822	0.622005	0.950263	-1.05234	0.118081	0.840116	-1.19031	0.797947	1.02669	1.02669	0.417629	1.08876	1.08876	0.5468351	1.0646	1.0646	0.545965	1.06474	1.06474	0.6196651	1.05271	1.05271	0.88329	0.1808255	0.148375	1
cg11646418	RHBDF2;RHBDF2		0.460479	0.538724	0.839138	-1.1917	0.742913	0.911429	-1.09718	0.142699	0.340119	2.94083	0.641	-1.55885	0.452168	0.805879	-1.24088	0.953111	0.983637	-1.01664	0.340119	1.31912	1.31912	0.0992733	0.56387	1.66387	0.937316	0.978081	-1.02241	0.514352	1.20481	1.20481	0.1326	1.13274	1
cg08055133	TUBB4Q		0.460491	0.984074	0.992318	-1.00774	0.225618	0.61163	-1.63498	0.160602	0.560436	-1.78433	0.367605	0.699386	-1.42983	0.211937	0.601699	-1.66196	0.718738	0.869599	-1.14996	0.537571	1.27273	1.27273	0.2588	0.6343137	-1.57645	0.101725	0.500503	-1.99799	0.10823	2.560665	2.10125	1
cg08997352	DDX12		0.460495	0.0584939	0.576279	-1.73501	0.654019	1.16815	1.168151	0.816897	1.11188	1.11188	0.202212	0.603	-1.65788	0.154328	0.603	-1.65788	0.600334	0.785272	1.27344	0.2381002	0.568344	-1.75953	0.852733	1.08582	1.08582	0.6652281	1.2281	1.2281	0.88322	0.3589604	2.934343	1
cg20117477	LOC731779		0.460505	0.826163	0.922669	-1.08381	0.773388	1.11142	1.11142	0.424939	1.34737	1.34737	0.741749	1.12863	1.12863	0.226954	0.628661	-1.59068	0.189579	0.601429	-1.66271	0.0996123	1.93555	0.617673	1.20218	0.591961	0.820386	-1.21894	0.8322	2.29697	1.88461	1
cg22621972	RIN01		0.460508	0.470452	0.852912	-1.17245	0.164364	1.37918	1.37918	0.571906	1.13176	1.13176	0.483994	1.56653	1.56653	0.850538	0.659949	-1.04172	0.0599868	1.60647	1.60647	0.354567	1.29405	0.949342	1.01414	0.9726373	1.00745	1.00745	0.8832	0.80551	0.661013	1
cg26278390	RBM5		0.460512	0.678204	0.935781	-1.06863	0.310267	1.1779	1.1779	0.949596	0.990063	-1.01004	0.652698	0.930474	-1.07472	0.681092	1.06794	1.06794	0.162906	1.26737	1.26737	0.27	0.834951	-1.19768	0.176801	1.08058	1.08058	0.2536547	1.23706	1.23706	0.13839	0.434519	0.3562047	1
cg25367647	MCAM;TS		0.460522	0.12555	0.174356	-5.73546	0.163001	0.208725	-4.80134	0.963987	0.0193541	-1.09454	0.209464	0.0297	0.9385	0.9319	0.921917	-1.0847	0.10808	0.223792	-4.46883	0.972636	0.1068	1.0368	0.858542	0.828758	-1.20663	0.807364	2.29353	1.29353	0.38317	0.19428	15.6272	1
cg00589308	KCNH8		0.460523	0.128417	0.320711	-1.88419	0.238905	0.621379	-1.60932	0.249201	0.628654	-1.5908	0.971799	0.986465	-1.01372	0.925278	0.504747	-1.97954	0.0758	0.2599598	-3.84755	0.1508	1.142624	0.824253	1.089792	1.089792	0.855205	0.932006	-1.07295	0.18317	2.54922	2.09168	1
cg00290498	SLC6A18		0.460527	0.533	0.835007	-1.1976	0.284344	1.37382	1.37382	0.305801	1.35363	1.35363	0.834014	1.06176	1.06176	0.74244	1.09875	1.09875	0.0581528	0.542558	-1.84312	0.53038	0.834018	-1.19902	0.863629	1.05032	1.05032	0.540682	0.837896	-1.19347	0.03816	1.39891	1.14801	1
cg07128410	C22orf28		0.460539	0.667402	0.88073	-1.13536	0.3265037	0.778912	1.28384	0.260458	0.743831	-1.34439	0.837852	1.04087	1.04087	0.0506301	0.570356	-1.75344	0.332839	1.28644	1.28644	0.876732	0.961618	-1.03991	0.921402	0.849888	-1.17801	0.357399	0.787693	-1.26953	0.18214	1.00656	0.894082	1
cg15986164	GAK		0.460541	0.375004	2.88836	2.88836	0.0801285	1.71644	1.71644	0.514971	0.831902	-1.20207	0.30907	0.764273	-1.34035	0.592984	0.805101	-1.24192	0.569838	0.852287	-1.17331	0.5191915	0.834009	-1.19903	0.897512	0.964776	-1.03651	0.323777	1.32788	1.32788	0.18314	1.32822	1.0901	1
cg02686468	C14orf180		0.460543	0.976025	1.01676	1.01676	0.0600052	3.23299	3.23299	0.52147	1.43241	1.43241	0.476132	1.49287	1.49287	0.430151	0.640594	-1.56105	0.218477	2.04588	2.04588	0.354904	1.6927	1.6927	0.255612	1.92771	1.92771	0.333537	1.73607	1.73607	0.18313	5.24665	4.30574	1
cg04016144	TSPYL7;TSPY4		0.460543	0.472135	2.98402	2.98402	0.0597577	1.26256	1.26256	0.716852	1.18475	1.18475	0.656208	0.8099447	-1.23452	0.150582	0.8099046	-1.23452	0.8099046	-1.23452	0.8099046	-1.23452

File: ESM_23 (Online Resource 23)

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg14296394	DMXL2	0.461134	0.836063	1.03093	1.03093	1.03093	-2.55227	0.143154	0.480736	2.08014	0.684426	1.2095	1.2095	0.433594	0.69055	1.44812	0.359132	1.55101	1.55101	0.765109	1.14967	1.14967	0.980011	0.988405	1.01173	0.704736	1.19188	1.08199	3.71305	3.05039	1
cg13031029	LAMB1	0.461134	0.371287	0.384341	-2.60186	0.65497	0.625937	-1.5976	0.723057	1.44864	0.445663	0.444788	-2.22486	0.161655	4.74327	4.74327	0.275391	3.26075	3.26075	0.6162	0.590722	-1.69284	0.15271	4.93011	4.93011	0.524089	0.510444	-1.95908	0.108199	18.5924	15.2743	1
cg13992382	NAV1;NAV1	0.46114	0.404507	1.39958	1.39958	0.453671	1.35099	1.35099	0.494114	0.760581	-1.31478	0.497984	1.31147	1.31147	0.946536	1.02678	1.02678		0.498622	1.31093	1.31093	0.0741033	2.19119	2.19119	0.123717	1.92919	1.92919	0.210028	1.68311	1.68311	0.108198	2.66185	2.18682	1
cg13992697	FBXW7	0.46114	0.247598	0.875799	-1.14181	0.96201	0.989798	-1.01031	0.644705	1.18261	1.18261	0.770396	1.00503	1.00503	0.144176	0.711706	-1.40507		0.777934	0.734791	-1.36013	0.125608	0.698696	-1.42878	0.224486	0.757084	-1.31611	0.596144	0.801243	-1.12303	0.108198	0.794128	0.652409	1
cg15664618	ZNF143	0.461147	0.709872	0.936077	-1.06829	0.131092	0.749644	-1.33397	0.473829	0.879178	-1.13743	0.814303	0.959262	-1.04247	0.326074	1.1963	1.1963		0.48252	1.88468	-1.13447	0.188086	1.27961	1.27961	0.216294	0.794533	-1.2586	0.682808	0.929490	1.08196	0.535434	0.439886	1
cg17400634	APBB3;APBB3;SLC35A4;APBB3;APBB3	0.46116	0.791399	1.34777	1.34777	0.671283	1.6158	1.6158	0.155521	0.180677	-5.53472	?	?	?	0.47164	2.28042	2.28042		0.158025	0.183557	-5.44752	?	?	?	0.406796	2.59978	2.59978	0.646924	1.68074	1.68074	1.06315	16.6006	17.8451	1
cg01460276	PSD3	0.461162	0.777725	0.960867	-1.04075	0.304655	0.860755	-1.16177	0.101497	0.776542	-1.28776	0.834507	0.969158	-1.03182	0.100054	0.775532	-1.2894		0.746237	1.04627	1.04627	0.46413	0.900235	-1.1082	0.146078	0.802456	-1.2462	0.294887	0.857932	-1.16559	0.108193	0.340932	0.280101	1
cg05838751	LMF1	0.461167	0.680568	0.763322	1.31006	0.650502	1.34658	1.34658	0.666617	1.32679	0.320973	1.38246	1.38246	0.161637	0.204022	4.90143			0.91372	1.07327	1.07327	0.717829	1.26713	1.26713	0.392835	0.564907	-1.7702	0.414083	1.68327	1.68327	0.108192	7.29355	5.39224	1
cg25217317	GNG4;GNG4;GNG4	0.461172	0.201396	0.512939	-1.94955	0.719931	0.836812	-1.19501	0.621424	0.781679	-1.2793	0.495044	0.797661	-1.40892	0.144312	0.460239	-2.17278		0.36897	0.633451	-1.57865	0.0778595	0.379246	-2.63681	0.0952472	0.403727	-2.47692	0.543456	0.737631	-1.35569	0.108191	4.19541	3.4469	1
cg15612927	RAD52	0.461175	0.080996	1.589192	1.589192	0.73108	1.30251	1.30251	0.768595	1.11983	1.11983	0.938407	0.979301	1.02136	0.937324	1.07227	1.07227		0.148868	1.53065	1.53065	0.472585	0.818929	-1.22111	0.57361	1.16821	1.16821	0.79955	0.932793	-1.07205	0.108191	1.281	1.05246	1
cg02634341	FAM163A	0.461182	0.0986071	1.50566	1.50566	0.227871	1.29398	1.29398	0.777124	1.3064	0.291295	2.80474	2.80474	0.487995	1.96955	1.96955			0.936353	1.96335	2.80403	2.87693	0.247915	3.11941	3.11941	0.107504	0.22971	-5.22971	0.1839	15.1983	12.487	1
cg20085073	ARMC04	0.461185	0.10227	0.6644596	-18.2122	0.884439	0.968833	-1.01217	0.907299	1.20834	1.20834	0.174915	10.1184	10.1184	0.306213	5.58201	5.58201		0.20908	0.116526	-8.58376	0.7843821	0.509293	0.690872	-1.44745	0.958353	0.914042	-1.09404	0.108189	45.1651	37.108	1
cg07885098	C5orf58	0.461285	0.283621	0.837719	-1.19372	0.547733	1.10153	1.10153	0.672261	1.10698	1.06998	0.548513	0.908005	1.10132	0.652653	0.79556	1.07956		0.567729	1.09615	1.09615	0.0597328	0.713397	-1.40174	0.446668	1.3122	1.13122	0.533643	1.1054	1.1054	1.08188	0.432943	0.355712	1
cg21415724	CIT	0.46119	0.302768	0.820888	-1.21839	0.163188	1.14084	1.14084	0.556148	0.874412	-1.14363	0.739559	0.927547	-1.07871	0.504725	1.16486	1.16486		0.353476	1.24014	1.24014	0.0973374	1.50706	1.50706	0.261142	0.767824	-1.30238	0.443709	0.838578	-1.19249	0.108188	0.870836	0.715491	1
cg10320884	TRRAP	0.461197	0.32583	0.808555	1.56635	0.540992	0.66812	-1.4974	0.919656	0.902552	-1.07469	0.618264	0.715463	-1.39772	0.035404	0.594802	-1.5134		0.213443	0.41761	-2.39458	0.18599	0.392739	-2.54622	0.985949	1.01181	1.01181	0.487328	0.624786	-1.60055	0.108187	0.61187	0.4541	1
cg26307882	CEP250	0.4612	0.3341	1.31597	1.31597	0.221774	1.42468	1.42468	0.733227	1.09888	1.09888	0.152606	1.52638	1.52638	0.702264	1.11167	1.11167		0.407217	0.791621	-1.26323	0.161843	0.662517	-1.50939	0.692422	0.896209	-1.11581	0.73016	1.10013	1.10013	1.08186	1.30161	1.06944	1
cg02157824	WT1;WT1;WT1;WT1	0.461202	0.959151	1.04136	1.04136	0.660369	1.4189	1.4189	0.953579	0.95498	-1.04714	0.3889	0.497225	-2.01151	0.641939	0.69036	-1.44852		0.296698	0.424801	-2.35405	0.410216	0.51356	-1.94719	0.0473595	0.62082	0.902662	1.10397	1.10397	1.08186	10.7282	8.81465	1
cg17318297	RGS7BP	0.461204	0.936007	1.05359	1.05359	0.12625	0.34174	-2.93106	0.479366	1.61132	1.61132	0.813416	1.36525	1.36525	0.133864	3.05924			0.787675	0.839193	-1.19162	0.113861	0.332762	-3.00515	0.899387	1.08606	1.08606	0.790091	0.840777	-1.18938	0.108185	7.24232	5.9489	1
cg25181684	SH3PXD2A	0.461209	0.414277	0.679263	-1.47218	0.497793	1.37571	1.37571	0.651134	0.809812	-1.23485	0.315616	0.618264	-1.61743	0.779223	0.877887	-1.1391		0.679558	0.824905	-1.21226	0.0657405	0.384064	-2.60373	0.369765	1.51243	1.51243	0.386719	1.5086	1.5086	1.08184	3.67965	3.02335	1
cg24649641	PGAP3;ERBB2	0.461218	0.39387	0.872911	-1.14593	0.932977	1.1456	1.1456	0.266621	0.83516	-1.19737	0.629085	0.97656	-1.02392	0.281014	1.19049	1.19049		0.818205	0.964802	-1.03648	0.871202	0.730783	-1.3684	0.802766	0.9658	-1.03572	0.507911	0.900744	-1.11019	0.108183	0.415004	0.34099	1
cg08425070	SRRM3	0.461257	0.0736193	1.74389	1.74389	0.681213	1.31444	1.31444	0.448554	1.66729	1.66729	0.721828	0.780293	-1.26696	0.358667	0.553395	-1.86778		0.954564	1.08343	1.08343	0.593509	1.42847	1.42847	0.585148	0.694291	-1.44032	0.137386	2.88366	2.88366	1.08175	7.50613	6.16788	1
cg08831276	PRIMA1	0.461258	0.271272	0.656388	-1.52349	0.974603	1.94387	1.94387	0.942584	1.02541	1.02541	0.602545	1.40105	1.40105	0.72912	1.37152	1.37152		0.159008	0.116536	-8.58376	0.7843821	0.509293	0.690872	-1.44745	0.958353	0.914042	-1.09404	0.108189	45.1651	37.108	1
cg11718501	BSX	0.461269	0.464397	0.610215	-1.63877	0.647205	0.736642	-1.35751	0.279564	0.474412	-2.10787	0.507843	0.640417	-1.56148	0.714266	0.783547	1.27625		0.816627	0.857205	-1.16658	0.631847	0.725995	-1.37742	0.0627725	0.41017	0.41017	0.332806	1.94003	1.94003	1.08173	7.53833	6.19448	1
cg21043815	PCBD2	0.461269	0.615918	0.837397	-1.19418	0.755764	0.899307	-1.11569	0.164584	0.594378	-1.68243	0.465580	0.770637	-1.29763	0.0305314	0.409913	-2.43954		0.891001	0.953033	-1.04928	0.671944	0.861182	-1.16119	0.38206	0.730538	-1.36885	0.711156	1.1394	1.1394	1.08173	2.10894	1.73298	1
cg18310862	RPH3AL	0.461278	0.5026324	1.1984	1.1984	0.642343	0.920268	-1.08664	0.439749	0.881084	1.12658	1.12658	1.13139	0.881084	1.12658	1.12658			0.821443	1.0498	1.0498	0.689589	0.72757	-1.37452	0.0962405	0.54714	0.54714	0.444828	1.24402	1.24402	1.08173	0.547714	0.444828	1
cg09885502	GNAS;GNAS;GNAS;GNAS	0.461291	0.693077	2.20916	2.20916	0.0937966	0.0251751	-39.7218	0.25306	10.8615	10.8615	0.194319	0.0643396	-15.5425	0.695141	2.19667	2.19667		0.79028	1.70333	1.70333	0.99212	0.980462	-1.01993	0.649347	0.400669	-2.49583	0.345584	0.96527	0.96527	1.08169	68.396	56.2052	1
cg20879919	MAD1L1;MAD1L1;MAD1L1	0.461292	0.655539	0.802337	-1.24623	0.652379	0.930997	-1.0062	0.870391	1.13911	0.797314	0.254429	0.385585	1.01463	0.882036	0.965008	-1.03558		0.573134	1.13992	1.13992	0.228445	0.857457	-1.16632	0.0598382	0.910963	0.910963	0.729213	0.537104	-1.86168	0.108179	0.697945	0.573734	1
cg27391693	BMPR1B	0.461301	0.461751	0.6831	-1.46631	0.0850492	0.359064	-2.78502	0.553344	1.38063	1.38063	0.806403	1.14119	1.14119	0.342808	0.591138	1.69165		0.38156	0.167089	-1.62051	0.147561	0.433517	-2.30671	0.202438	0.484874	-2.06239	0.954449	1.0312	1.0312	1.08167	4.95667	4.07328	1
cg12869615	GPRASP1;GPRASP1;GPRASP1	0.461311	0.118848	0.374491	-2.67029	0.258507	0.504935	-1.98045	0.54959	0.70379	-1.42088	0.305142	0.85169	1.85169	0.278815	0.9219	1.9219		0.55306	0.705089	-1.41645	0.359744	1.7269	1.7269	0.830396	0.882981	-1.13253	0.983579	0.98813	-1.01201	0.108165	5.76669	4.73901	1
cg18213495	KIF13A;KIF13A;KIF13A;KIF13A	0.461312	0.159937	1.15937	1.15937	0.593973	1.18445	1.18445	0.884861	0.84321	-1.24531	0.187099	0.93222	1.07335	0.641939	0.69036	-1.44852		0.671886	1.18204	1.18204	0.611582	0.785049	-1.27416	0.722584	0.814794	0.814794	0.615907	1.18429	1.18429	1.08166	0.897745	0.737734	1
cg09976794	FOXM1;FOXM1;C12orf32;C12orf32;FO	0.461323	0.626649	1.08738	1.08738	0.520496	1.11773	1.11773	0.448565	1.14107	0.649157	0.916898	1.06886	1.06886	0.532617	1.24883	1.24883		0.967687	0.993102	1.00695	0.190621	0.789136	-1.26721	0.186062	1.2707	1.2707	0.124543	1.32865	1.32865	1.08162	0.50019	0.411061	1
cg02551232	FOXM1;INPP4A;INPP4A;INPP4A;INPP4A	0.461334	0.856528	0.973169	-1.02757	0.159671	1.25333	1.25333	0.173123	1.24339	1.24339	0.940196	1.01134	1.01134	0.436377	1.12674	1.12674		0.617699	1.07855	1.07855	0.803325	0.963194	-1.03821	0.955067	1.0085	1.0085	0.0497117	1.39993	1.39993	1.0816	0.3868864	0.317935	1
cg17396638	FURIN	0.461342	0.31456	0.637649	-1.56826	0.898555	0.904532	-1.05673	0.963468	1.02001	1.02001	0.369247	0.671009	-1.49029	0.0956511	0.398685	-2.50824		0.0687252	0.414178	-2.41442	0.625699	0.873405	-1.14503	0.131097	0.953185	0.973865	-1.02684	0.081559	3.20658	2.63528	1
cg26311208	CNM1	0.461354	0.183512	1.24966	1.24966	0.42462	1.06471	-1.06471	0.900751	1.31599	1.31599	0.916634	1.10438	1.10438	0.204039	1.18578	1.18578		0.772583	1.10752	1.10752	0.113308	0.57912	-1.72685	0.0387961	0.708796	0.953413	-1.04886	0.801674	0.968511	-1.03251	0.108158	0.278829	0.22751	1
cg26368942	ENAH;ENAH	0.461347	0.19448	1.48633	1.48633	0.224739	1.44513	1.44513	0.622099	1.15425	1.15425	0.167863	1.66268	1.66268	0.0844852	1.73501	1.73501		0.225273	1.44445	1.44445	0.987019	1.00471	1.00471	0.376827	1.29933	1.29933	0.784675	1.08229	1.08229	1.08158	1.42812	1.17369	1
cg07889129	MDGA1	0.461349	0.257987	1.2346	1.2346	0.53183	1.36436	1.36436	0.126893	0.123515	1.34168	1.34168	0.757854	1.1633	0.0961705	1.36249	1.36249		0.435114	1.1545	1.1545	0.578516	0.4549	-2.19778	0.0438575	0.41578	0.41578	0.328477	1.17158	1.17158	1.08157	0.55722	0.445513	1
cg23037871	KIAA1751	0.461351	0.154564	0.391217	-2.55612	0.752678	1.21494	1.21494	0.925425	0.940963	-1.05936	0.911711	0.933967	-1.07107	0.0649036	0.279006	1.58415		0.486306	0.64683	-1.54602	0.141564	0.377737	-2.64734	0.274104	0.496133	-2.01559	0.748469	0.820248	-1.21914	0.108157	0.4979	0.5403	1
cg10326287	CRISPLD2	0.461352	0.883807	0.947684	-1.0552	0.0725805	0.478976	-2.08779	0.471864	1.30853	1.30853	0.543996	1.25316	1.25316	0.492787	0.774176	-1.2917		0.488096	0.771956	-1.29541	0.498944	0.777078	-1.28687	0.11103	0.528381	-1.89257	0.582842	0.815609	-1.22608	0.108157	2.3128	1.90078	1
cg14174099	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.461357	0.8503683	1.07166	1.07166	0.73108	0.964367	-1.03688	0.126887	0.136488	1.06568	0.0814457	0.95956	1.05956	0.707868	1.03897	1.03897		0.174441	1.3269	1.3269	0.147107	0.35612	-2.80911	0.0192124	0.56266	0.56266	0.457307	1.14321	1.14321	1.08156	0.65667	0.539369	1
cg04979655	DGKD;DGKD	0.461365	0.972755	1.01218	1.01218	0.160713	1.70066	-1.70066	0.081487	1.98247	0.765181	1.11199	1.11199	0.529345	1.25741	1.25741			0.324026	0.696997	-1.43473	0.963186	1.01649	0.971796	0.987548	-1.01261	0.326994	0.698638	-1.43136	1.08154	2.15147	1.76823	1
cg13621703	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.461367	0.690547	1.1043	1.1043	0.642343	0.920268	-1.08664	0.439749	0.881084	1.12658	1.12658	1.13139	0.881084	1.12658	1.12658			0.316613	0.7094	1.4098	0.685691	0.845209	-1.18325	0.0962405	0.54714	0.54714	0.444828	1.24402	1.24402	1.08154	0.547714	0.444828	1
cg05368341	SYT6;SYT6	0.461375	0.924073	0.983353	-1.01693	0.510079	1.12487	1.12487	0.101305	1.37158	1.37158	0.791851	0.95449	-1.04768	0.577735	1.10411	1.10411		0.285286	0.822468	-1.21585	0.254955	0.811141	-1.23283	0.996099	1.16537	1.16537	0.320545	1.19812	1.19812	1.08152	0.5312	0.4366	1
cg25262923	TRAM1	0.461377	0.414375	0.836477	-1.19549	0.358572	1.21656	1.21656	0.556627	1.13491	1.13491	0.297024	0.794422	-1.25894	0.0819619	0.955008	-1.04711		0.562399	1.01011	1.01011	0.0100455	0.619258	-1.61494	0.0196104	0.74302	0.74302	0.545513	1.11019	1.11019	1.08152	0.7706051	0.637839	1
cg24771206	ICA1L;ICA1L	0.461391	0.226211	0.838069	-1.19323	0.246422	1.11447	1.11447	0.282763	1.23725	1.23725	0.231751	1.18856	1.18856	0.401467	0.781551	-1.03565		0.276889	0.8452	-1.17025	0.53809	0.916985	-1.09053	0.130706	0.93966	1.03966	0.539005	1.0901	1.0901	1.08149	0.160016	0.272065	1
cg03012230	SNRNP70	0.461391	0.640138	0.911282	-1.09735	0.399735	0.843589	-1.18541	0.485772	1.14999	1.14999	0.359579	0.830391	-1.20425	0.0939528	0.695328	-1.43817		0.351244	1.2084	1.2084	0.592137	0.898792	-1.1126	0.372193	0.834627	-1.19814	0.352615	1.20771	1.20771	1.08149	0.666816	0.548062	1
cg13280654	KSR1	0.461395	0.514539	1.0803127	1.0803127	0.537935	0.865067	-1.15586	0.284861	0.84581	-1.18285	0.464385	0.476022	1.27767	1.27767	0.545068	1.27767		0.170114	0.60631	-1.65014	0.504361	0.735224	-1.35971	0.0498955	0.48385	0.48385	0.374985	?	?	1.08145	?	1.13579	1
cg10296867	GAS7	0.461397	0.232604	0.412693	-2.42311	0.460008	0.5875	-1.70213	?	?	0.602898	1.44934	1.44934	0.0707501	0.239858	4.16914			0.852313	0.876541	-1.14085	0.42735	0.773559	1.77359	0.32918	0.490641	-2.03815	0.888497	1.90557	1.90557	1.08143	0.72377	0.753876	1
cg26282320	C12orf49;RNFT2;RNFT2	0.461397	0.593034	0.753799	-1.32684	0.148574	0.446754	-2.23837	?	?	0.386209	0.600129	-1.56808	0.391376	1.61546	1.61546			0.36358	1.62509	1.62509	?	?	?	0.694201	1.22454	1.22454	?	?	?	0.0482562	0.0955	0.0955	1.08138	0.0955	0.0955	1
cg06347499	SLC2A13	0.461402	0.4899999	1.1236	1.1236	0.0665677	0.60895	-1.64217	0.762787	1.07572	1.07572	0.281208	0.763342	-1.31003	0.528704	0.607365	-1.16636		0.150807	1.62655	1.62655	0.588386	0.876567	-1.14081	0.894001	1.03147	1.03147	1.03267	0.312258	1.28665	1.28665	1.08147	0.995767	0.834946	1
cg23858558	SOC2	0.461416	0.424549	1.47056	1.47056	0.829387	1.10743	1.10743	0.240567	1.78783	1.78783	0.977142	0.986543	-1.01364	0.664329	0.813458	-1.22932		0.182946	0.512609	-1.95081	0.0991395	0.425146	-2.35103	0.375003	0.650198	-1.53799	0.93842	1.03721	1.03721	1.08144	3.82984	3.14792	1
cg00092551	SND1	0.461417	0.19638	1.29126	1.29126	0.39248	1.22672	1.22672	0.726009	0.945913	1.83329	1.83329	0.828024	0.633464	-1.57862	0.0994209	2.01533		0.5068	0.76862	-1.73352	0.188026	0.605767	-1.65077	0.0972232	0.97232	1.30116	0.464583	1.2998	1.2998	1.08132	1.2998	1.13122	1
cg19900989	SETBP1;SETBP1	0.461418	0.290273	0.371726	-2.69016	0.342827	2.41374	2.41374	0.302782	2.61815	2.61815	0.640797	1.5276	1.5276	0.885895	0.180629	-5.53621		0.684857	1.44469	1.44469	0.84264	0.835928	-1.19627	0.537226	0.569311	-1.75651	0.421491	0.476923	-2.09678	0.108144	13.9243	11.4451	1
cg06049177	GSR	0.461426	0.744066	0.781302	-1.27991	0.307621	2.2156	2.2156	0.244719	2.50095	2.50095	0.791714	0.819344	-1.22054	0.338215	0.472264	-2.11805		0.834619	0.85429	-1.17056	0.145851	0.938453	-1.06539	0.643007	0.743152	-1.34562	0.152841	0.315588	3.16869	0.81439	0.97833	0.788837	1
cg24444408	KLHDC4	0.461458	0.216797	1.26695	-1.37609	0.141891	1.47394	1.47394	0.292671	1.30758	1.30758	0.213054	1.38007	1.38007	0.487522	0.840909	-1.18919		0.540921	1.16422	1.16422	0.946887	1.0165	1.0165	0.323799	1.28445	1.28445	0.757925	1.0789	1.0789	1.08136	0.1035	0.849544	1
cg06001836	RARS	0.461458	0.76129	1.0578	1.0578	0.798802	1.0482	1.0482	0.830279	0.961189	-1.04038	0.286403	1.22649	1.22649	0.583671	0.674052	-1.48356		0.501659	0.881831	-1.134	0.670573	0.924128	-1.0821	0.19133	0.774825	-1.29061	0.485881	0.877585	-1.13949	0.108136	0.582422	0.478756	1
cg12009080	TGS1	0.461465	0.935847	1.06711	1.06711	0.2499	0.637455	-1.56955	0.0121688	0.279038	-2.08752	0.650597	0.923372	-1.08297	0.124352	0.538205	-1.85802		0.562399	1.01011	1.01011	0.0100455	0.619258	-1.61494	0.0196104	0.74302	0.74302	0.545513	1.11019	1.11019	1.08152	0.7706051	0.637839	1
cg06970708	FCRL6	0.461468	0.467197	1.21585	1.21585	0.909897	1.03036	1.03036	0.158879	0.67179	-1.48856	0.766342	1.08191	1.08191	0.172103	1.46811	1.46811		0.630792	0.879916	-1.13647	0.228698	1.39618	1.39618	0.385863	0.74616	-1.3402	0.636688	1.13393	1.13393	1.08134	1.19524	0.982515	1
cg06984113	EDEM1	0.461469	0.476647	1.19326	1.19326	0.567458	1.08338	1.08338	0.158879	0.67179	-1.48856	0.766342	1.08191	1.08191	0.172103	1.46811	1.46811		0.630792	0.879916	-1.13647	0.228698	1.39618	1.39618	0.385863	0.74616	-1.3402	0.636688	1.13393	1.13393	1.08134	1.19524	0.982515	1
cg01154617	PDCD6IP;PDCD6IP;PDCD6IP	0.461478	0.974656	1.00747	1.00747	0.380435	1.23452	1.23452	0.805499	0.943861	-1.05947	0.993717	0.998057	-1.00195	0.391393	1.12831	1.12831		0.398523	1.22435	1.22435	0.514227	0.856506	-1.16753	0.0508711	0.6835	1.6835	0.174176	1.40287	1.40287	1.08132	0.9391156	0.771988	1
cg00513060	ZNF510	0.461481	0.11858	1.66817	1.66817	0.116226	1.67661	1.67661	0.564275	0.869359	-1.15027	0.606379	1.16997	1.16997	0.446159	1.26433	1.26433		0.903526	0.964039	-1.0373	0.40988	0.775268	-1.28988	0.523055	1.21591	1.21591	0.211424	1.4883	1.4883	1.08132	1.56222	1.28421	1
cg19476021	PDCD6	0.461482	0.263554	0.4517	0.79584	0.134	1.11726	1.11726	0.702852	0.930409	0.954933	1.83329	1.83329	0.828024	0.633464	-1.57862	0.0994209	2.01533	0.2206647	0.468259	-2.13552	0.0876352	0.372511	0.689763	0.0888336	0.588936	0.589912	1.23617	1.23617	1.08132	2.61124	1.94656	1
cg07696757	GCK;GCK	0.461494	0.314787	0.45893	-2.17898	0.10998	1.68897	1.68897	0.270492	2.36236	2.36236	0.632313	1.4352	1.4352	0.319843	0.462909	-2.16025		0.275922	0.427755	-2.33779	0.846587	1.15619	1.15619	0.692407	0.742365	-1.34705	0.868458	1.13224	1.13224	1.08129	9.61425	7.90349	1
cg04337600	RPS15	0.461495	0.959383	1.0556	1.0556	0.0122839	0.114583	1.09335	1.50935	0.56372	1.15029	1.15029	0.490322	0.845281	-1.18304	0.372207	2.6858		0.484369	0.843265	-1.18572	0.454329	0.700116	-1.42853	0.0802782	0.42312	0.42312	0.638294	0.802782	-1.2009	0.108129	0.985507	0.810148	1
cg03841136	NCRNA00112;C21orf129	0.461507	0.375373	0.5524	1.5524	0.3848841	1.1723	1.1723	0.931128	2.0425	1.0425	0.822521	1.11424	1.11424	0.215834	0.85132	-1.17454		0.161944	0.50246	-1.99006	0.254206	0.786349	1.13

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg06521562	JRK;JRK	0.46184	0.389643	1.60409	1.60409	0.400553	1.58607	1.58607	0.937653	0.958932	-1.04283	0.503502	1.43896	1.43896	0.613304	1.31412	1.31412
cg08415156	CBFA2T3;CBFA2T3	0.461843	0.38599	1.45621	1.45621	0.425704	0.708932	-1.41057	0.179946	0.547576	-1.82623	0.543158	0.770834	-1.2973	0.0967812	0.462578	-2.1618
cg01688293	CHFR;CHFR;CHFR;CHFR;CHFR	0.461845	0.730488	1.06892	1.06892	0.545474	1.12517	1.12517	0.430225	0.856251	-1.16788	0.807969	0.95415	-1.04805	0.524009	0.882972	-1.13254
cg22466043	CDC10L	0.461857	0.465603	0.317659	-3.14803	0.177401	0.10766	-9.28854	0.218489	7.45679	7.45679	0.913803	1.1815	1.1815	?	?	?
cg02388865	LIN28;LIN28	0.461858	0.811051	0.749989	-1.33335	0.313072	3.50224	3.50224	0.724411	1.52993	1.52993	0.351191	3.16635	3.16635	0.845543	1.264	1.264
cg17620251	NHSL2	0.461879	0.281379	0.361315	-2.76767	0.0923012	0.185497	-5.39093	0.523661	1.79976	1.79976	0.38177	2.26067	2.26067	0.644625	0.655526	-1.52549
cg09935073	PAK3;PAK3;PAK3;PAK3	0.461885	0.216539	0.457531	-2.18565	0.235003	0.473106	-2.11369	0.619305	1.35143	1.35143	0.148699	2.53788	2.53788	0.918046	1.06384	1.06384
cg02949481	MPG;MPG;MPG	0.461885	0.0329172	0.494869	-2.02074	0.964642	0.987579	-1.01258	0.597001	0.860324	-1.16235	0.76974	1.08628	1.08628	0.78501	1.08015	1.08015
cg10835423	RAP1A;RAP1A	0.461889	0.974626	0.988133	-1.01201	0.111263	1.91767	1.91767	0.133158	1.83688	1.83688	0.363604	1.41968	1.41968	0.255205	0.640284	-1.56181
cg04685003	CLTC	0.461902	0.202208	1.31773	1.31773	0.703521	0.92464	-1.0815	0.20158	1.3183	1.3183	0.860278	0.964541	-1.03676	0.277106	1.26065	1.26065
cg21544075	SAR1B;SAR1B	0.461903	0.68025	1.09241	1.09241	0.594271	1.1215	1.1215	0.247658	0.772765	-1.29405	0.142367	1.39983	1.39983	0.293542	0.792643	-1.2616
cg16991341	ANKRD10	0.461911	0.693211	0.879753	-1.13668	0.405689	1.31637	1.31637	0.265849	0.687541	-1.45446	0.200046	1.54867	1.54867	0.438801	0.774796	-1.29066
cg08781257	SYT17	0.461916	0.264248	2.30184	2.30184	0.345802	2.00496	2.00496	0.930724	0.939606	-1.06428	0.523934	1.58839	1.58839	0.642344	1.39806	1.39806
cg21339822	MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1	0.461946	0.151503	0.346062	-2.88966	0.660519	0.736993	-1.35686	0.384631	0.540369	-1.85059	0.366582	0.527034	-1.89741	0.177171	0.371419	-2.69238
cg07843056	FKBP5;FKBP5;FKBP5;FKBP5	0.461948	0.0424046	0.0365855	-27.3332	0.574933	2.22983	2.22983	0.868494	1.26431	1.26431	0.758462	0.646274	-1.54733	0.695946	0.573586	-1.74342
cg02611934	SLITRK5	0.461949	0.392113	2.48051	2.48051	0.415254	2.36989	2.36989	0.53356	0.520295	-1.92199	0.847791	1.22031	1.22031	0.292434	3.10115	3.10115
cg15752043	NANOS1	0.461952	0.637025	0.898954	-1.1124	0.378073	1.22469	1.22469	0.17854	1.37757	1.37757	0.506874	1.1629	1.1629	0.221572	1.33369	1.33369
cg20648939	RNMT;C18orf19;C18orf19	0.461955	0.755275	1.11535	1.11535	0.402646	0.741533	-1.34856	0.244828	0.653925	-1.52923	0.502833	1.26797	1.26797	0.363646	1.38535	1.38535
cg11765362	SRD5A2	0.46196	0.39989	1.41947	1.41947	0.103446	2.0625	2.0625	0.44962	1.36774	1.36774	0.28671	1.56783	1.56783	0.216355	0.589301	-1.69693
cg19403909	PTGFR;PTGFR	0.461972	0.781691	1.18228	1.18228	0.0821817	3.19218	3.19218	0.530784	1.46627	1.46627	0.863873	1.10897	1.10897	0.498953	1.51243	1.51243
cg04570735	PDE4C;PDE4C;PDE4C	0.46198	0.547581	1.33961	1.33961	0.148349	0.474795	-2.10617	0.690146	1.2123	1.2123	0.270174	0.576022	-1.73605	0.112064	0.435497	-2.29623
cg10551016	ST13;XPNPEP3	0.461986	0.743461	1.06887	1.06887	0.140608	0.725093	-1.37913	0.71001	1.07869	1.07869	0.613362	1.10886	1.10886	0.90217	0.975369	-1.02525
cg06115741	TP53INP2	0.461987	0.23362	0.473691	-2.11108	0.786753	1.17484	1.17484	0.836809	1.13037	1.13037	0.780313	1.18076	1.18076	0.919086	1.06222	1.06222
cg16396223	PRKAG2;PRKAG2	0.461995	0.186909	0.714551	-1.39948	0.281957	1.30817	1.30817	0.29685	0.771165	-1.29674	0.927229	0.978292	-1.02219	0.13131	0.676117	-1.47904
cg21579726	ABT1	0.462001	0.386366	1.50647	1.50647	0.0337077	3.14085	3.14085	0.523799	1.34735	1.34735	0.256933	1.72635	1.72635	0.988987	0.993651	-1.00639
cg16419124	PKD1;PKD1	0.462001	0.315494	3.00612	3.00612	0.0260582	16.4552	16.4552	0.192905	4.31163	4.31163	0.476334	2.15548	2.15548	0.713774	1.47798	1.47798
cg23483886	LPCAT1	0.462008	0.71728	0.709094	-1.41025	0.0946657	5.67759	5.67759	0.0542637	7.88453	7.88453	0.752327	0.741347	-1.3489	0.996353	0.995689	-1.00433
cg05348982	MIR618;LIN7A	0.462008	0.261739	0.841474	-1.18839	0.0623295	0.733862	-1.36265	0.667265	0.938206	-1.06586	0.533072	1.09758	1.09758	0.553937	0.915487	-1.09231
cg13479146	SNORD85;PUM1;PUM1	0.462009	0.851797	0.871907	-1.14691	0.129758	3.31866	3.31866	0.238173	2.47324	2.47324	0.896573	0.909084	-1.10001	0.140942	0.313302	-3.1918
cg21929649	EFTUD2;CCDC103;EFTUD2;EFTUD2;EFTUD2	0.46201	0.258939	2.12359	2.12359	0.30795	1.96361	1.96361	0.793252	1.18288	1.18288	0.0687974	0.271911	-3.67768	0.571654	0.693865	-1.4412
cg17733702	KCNN3	0.462015	0.0962074	0.492252	-2.03148	0.982178	1.0087	1.0087	0.202137	0.593019	-1.68629	0.918652	1.04043	1.04043	?	?	?
cg02523105	NCRNA00087	0.462025	0.202032	0.219729	-4.55106	0.119406	0.149422	-6.69245	0.393745	0.374291	-2.67172	0.334399	3.06463	3.06463	0.430447	0.404422	-2.47266
cg02720013	KCNMB3;KCNMB3	0.462029	0.329099	1.24834	1.24834	0.717922	1.08317	1.08317	0.655713	0.905904	-1.10387	0.328668	0.800895	-1.2486	0.671524	0.910342	-1.09849
cg20946504	YTHDC1;YTHDC1;YTHDC1;YTHDC1	0.462042	0.322526	2.09174	2.09174	0.350853	2.00059	2.00059	0.978509	1.01964	1.01964	0.504248	1.63135	1.63135	0.27789	2.25891	2.25891
cg04885825	ROR1;ROR1	0.462043	0.401502	0.663669	-1.50678	0.137352	2.14685	2.14685	0.297398	1.67494	1.67494	0.420386	1.48147	1.48147	0.15007	0.478704	-2.08897
cg09966770	DUOXA1;DUOXA2	0.462061	0.740507	0.935109	-1.06939	0.798468	0.949661	-1.05301	0.51179	0.874307	-1.14376	0.248724	0.783963	-1.27557	0.514532	1.14274	1.14274
cg00428638	INSR;INSR	0.462068	0.631103	0.73729	-1.35632	0.0583536	0.259879	-3.84794	0.976206	0.981388	-1.01897	0.970203	0.976744	-1.02381	0.256325	0.474069	-2.1094
cg01023344	C14orf135;C14orf135	0.462071	0.189135	0.711988	-1.40452	0.593074	1.14079	1.14079	0.373094	1.25017	1.25017	0.82417	1.05584	1.05584	0.496748	1.18352	1.18352
cg15697440	SEMA3C	0.462074	0.0676751	1.56822	1.56822	0.172786	1.37564	1.37564	0.289696	1.27324	1.27324	0.266197	1.29002	1.29002	0.430828	1.19333	1.19333
cg12858577	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.462081	0.075567	0.179157	-5.58171	0.621952	0.649186	-1.54039	0.718446	1.36987	1.36987	0.236556	0.340256	-2.93896	0.208511	0.315837	-3.16619
cg24672056	SSBP3;SSBP3;SSBP3	0.462083	0.568813	1.59444	1.59444	0.10005	4.30506	4.30506	0.352105	2.17214	2.17214	0.558202	1.61555	1.61555	0.779104	1.25582	1.25582
cg14291066	C18orf18;LOC339290	0.462085	0.0370044	0.573857	-1.74259	0.652639	0.901323	-1.10948	0.63315	1.11657	1.11657	0.850042	0.957528	-1.04436	0.93979	1.01747	1.01747
cg20040041	ADAM12;ADAM12	0.462092	0.947692	1.03167	1.03167	0.253642	1.76207	1.76207	0.216074	1.85636	1.85636	0.555478	0.753244	-1.32759	0.083592	0.402533	-2.48427
cg03532510	CNIH4	0.462093	0.77501	1.14532	1.14532	0.837926	0.907582	-1.10183	0.981633	1.01096	1.01096	0.920395	1.04847	1.04847	0.0660759	2.65432	2.65432
cg01773478	CHST7	0.462126	0.117886	0.0739646	-13.52	0.680841	0.530314	-1.88568	0.997845	1.00415	1.00415	0.361299	4.21729	4.21729	0.23317	6.80161	6.80161
cg21323630	PCBP4;PCBP4;PCBP4	0.462129	0.510287	1.65731	1.65731	0.140011	3.32384	3.32384	0.273883	2.36623	2.36623	0.530862	1.61643	1.61643	0.517428	1.64289	1.64289
cg22967396	OTX2OS1	0.462134	0.27573	0.442821	-2.25825	0.344712	0.496982	-2.01215	0.0960521	0.26899	-3.71761	0.626965	0.703381	-1.4217	0.341492	0.494521	-2.02216
cg03030524	PCNT;C21orf58	0.462137	0.0825296	0.688073	-1.45333	0.956714	1.01061	1.01061	0.782356	0.947586	-1.05531	0.0707602	0.675335	-1.48075	0.8916	1.02686	1.02686
cg22972806	LYPD6B	0.462155	0.645031	1.9505	1.9505	0.799691	0.693362	-1.44225	0.799394	0.692977	-1.44305	0.614802	2.07673	2.07673	0.813348	1.40586	1.40586
cg15108634	SENP7;SENP7	0.462158	0.138262	0.647356	-1.54475	0.669045	0.889434	-1.12431	0.0699653	0.575742	-1.73689	0.59992	1.15513	1.15513	0.712183	1.10624	1.10624
cg21665294	MED12	0.462159	0.620239	1.19408	1.19408	0.81995	0.922232	-1.08433	0.407561	1.35099	1.35099	0.384314	0.728504	-1.37268	0.653811	0.851884	-1.17387
cg18481642	STAT4	0.462163	0.759885	0.92841	-1.07711	0.557248	1.1547	1.1547	0.586874	1.14219	1.14219	0.306503	0.773726	-1.29245	0.316257	0.777969	-1.2854
cg26056959	B3GNTL1	0.462168	0.128161	0.625796	-1.59796	0.750952	1.09499	1.09499	0.323387	1.33736	1.33736	0.117633	1.62309	1.62309	0.832426	1.06225	1.06225
cg18568647	KIF7	0.462177	0.735601	1.10905	1.10905	0.2081	0.666771	-1.49977	0.159205	0.631631	-1.5832	0.554302	0.833047	-1.20041	0.600674	1.17502	1.17502
cg27173532	ATP2C2	0.462179	0.739088	0.750565	-1.33233	0.0946599	4.83967	4.83967	0.0797736	5.30679	5.30679	0.503391	0.558256	-1.79129	0.791948	0.796972	-1.25475
cg18274325	PLA2G12A	0.462187	0.657625	0.933495	-1.07124	0.199823	0.811414	-1.23242	0.806098	0.962766	-1.03867	0.0713389	1.36445	1.36445	0.531876	1.10263	1.10263
cg04147929	CAPN8	0.462199	0.948388	0.978769	-1.02169	0.63453	0.853213	-1.17204	0.155608	0.604311	-1.65478	0.99825	1.00073	1.00073	0.626841	0.850089	-1.17635
cg19290962	TMC2	0.4622	0.243991	0.715838	-1.39696	0.105737	1.62357	1.62357	0.898697	0.965673	-1.03555	0.84526	1.05505	1.05505	0.542058	0.844285	-1.18443
cg08602633	RASGEF1C	0.462204	0.354424	0.820646	-1.21855	0.119122	1.42038	1.42038	0.21782	1.30862	1.30862	0.793263	1.05601	1.05601	0.197826	0.753967	-1.32632
cg05827631	LOC647121	0.462207	0.926454	1.01582	1.01582	0.579892	1.09969	1.09969	0.0799618	1.39123	1.39123	0.520361	0.895172	-1.1171	0.985548	0.996926	-1.00308
cg21938123	NEK3;NEK3;NEK3;NEK3;NEK3	0.46221	0.169672	0.312408	-3.20094	0.861136	1.14942	1.14942	0.590009	1.54132	1.54132	0.607859	1.5093	1.5093	?	?	?
cg23571452	PAK1IP1	0.462212	0.789339	0.830378	-1.20427	0.325607	0.494332	-2.02293	0.629082	0.713306	-1.40192	0.146273	2.95217	2.95217	0.323946	2.02816	2.02816
cg14722693	CSGALNACT1;CSGALNACT1;CSGALNACT1	0.462218	0.943835	1.0298	1.0298	0.329844	1.52063	1.52063	0.356034	0.673217	-1.4854	0.534629	0.769425	-1.29967	0.737865	0.869357	-1.15028
cg06445873	CTCF	0.462229	0.249481	1.65939	1.65939	0.710888	0.854992	-1.1696	0.206549	0.570879	-1.75168	0.378979	0.684006	-1.46198	0.528525	1.30824	1.30824
cg23884187	C20orf95	0.462237	0.664795	1.05908	1.05908	0.114904	0.797928	-1.25325	0.894692	1.01759	1.01759	0.193653	0.834348	-1.19854	0.753937	0.959441	-1.04227
cg20478468	EIF4E;EIF4E	0.462241	0.566195	1.16932	1.16932	0.591658	0.864097	-1.15728	0.392961	0.789736	-1.26625	0.36463	1.28568	1.28568	0.892617	0.964223	-1.0371
cg06492372	FAM178B	0.462247	0.307147	0.432948	-2.30975	0.705134	1.35125	1.35125	0.551624	1.61112	1.61112	0.79047	0.809879	-1.23475	0.0528856	0.175124	-5.71025
cg00397274	HDAC4	0.462247	0.28266	2.49587	2.49587	0.803575	0.815317	-1.22652	0.68565	1.3957	1.3957	0.415464	1.9777	1.9777	0.450902	1.87641	1.87641
cg13205617	MYT1L	0.462248	0.323879	0.645054	-1.55026	0.129852	0.494561	-2.022	0.59239	0.792514	-1.26181	0.901775	0.948257	-1.05457	0.0568207	0.395509	-2.52839
cg08901704	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.46225	0.642201	1.15838	1.15838	0.13431	0.602105	-1.66084	0.728058	0.896119	-1.11592	0.623943	1.16797	1.16797	0.145362	0.611831	-1.63444
cg02450124	AQP9	0.46225	0.193161	0.69524	-1.43835	0.542542	0.849833	-1.1767	0.308494	0.757124	-1.32079	0.924716	0.97536	-1.02526	0.108895	0.630321	-1.58649
cg09810818	AMMECR1;RGAG1	0.462274	0.27179	1.61359	1.61359	0.483064	1.34735	1.34735	0.820774	1.09956	1.09956	0.586177	0.794608	-1.25848	0.0684927	0.426141	-2.34664
cg04533699	KIAA1712;FBXO8;KIAA1712;FBXO8	0.462276	0.520932	0.824561	-1.21277	0.749884	1.09947	1.09947	0.696991	0.890464	-1.12301	0.216585	1.47034	1.47034	0.0458664	1.97097	1.97097
cg07748875	BEX2;BEX2;BEX2;BEX2;BEX2	0.462278	0.128099	0.421991	-2.36972	0.0816257	0.363411	-2.75171	0.995062	0.99676	-1.00325	0.56851	1.35296	1.35296	0.825948	0.89091	-1.12245
cg01305483	C7orf20	0.462283	0.624793	1.1348	1.1348	0.206291	0.710348	-1.40776	0.1873	0.698692	-1.43125	0.344662	1.28366	1.28366	0.127024	0.654817	-1.52714
cg16377738	C17orf99	0.462283	0.780039	1.22959	1.22959	0.301924	2.20234	2.20234	0.429568	1.81353	1.81353	0.567451	1.53215	1.53215	0.372912	0.509011	-1.96459
cg21239265	WBSCR16	0.462283	0.67083	1.26307	1.26307	0.294825	0.545724	-1.83243	0.826684	0.887407	-1.12688	0.962102	1.0262	1.0262	?	?	?
cg12201961	CD83;CD83	0.462284	0.996537	0.999197	-1.0008	0.811918	0.956826	-1.04512	0.493053	0.879077	-1.13756	0.410615	1.16857	1.16857	0.290242	0.816104	-1.22533
cg26473301	MORC3	0.462292	0.600064	1.15729	1.15729	0.497573	1.20944	1.20944	0.281	1.36262	1.36262	0.807424	1.06976	1.06976	0.904363	1.03375	1.03375
cg25158266	ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5;ARMCX5	0.46231	0.102895	0.228943	-4.36791	0.831035	0.838157	-1.19309	0.34949	0.451244	-2.2161	0.214716	2.94222	2.94222	0.472812	0.546992	-1.82818
cg26490274	GLIS2	0.462311	0.737668	0.920372	-1.08652	0.813404	1.0601	1.0601	0.626165	1.12883	1.12883	0.633798	1.12577	1.12577	0.162957	0.692385	-1.44428
cg21517147	GINS4;GINS4	0.462314	0.771904	1.10317	1.10317	0.573773	0.825308	-1.21167	0.233341	0.655659	-1.52518	0.736816	1.12069	1.12069	0.983068	1.00719	1.00719
cg05345283	AP2A2	0.462319	0.811527	1.22257	1.22257	0.0357257	7.81357	7.81357	0.104434	4.45087	4.45087	0.970875	1.03119	1.03119	0.998887	0.998827	-1.00117
cg18279994	EML6	0.462328	0.661076	1.10356	1.10356	0.667759	0.90806	-1.10125	0.945991	0.984982	-1.01525	0.116753	0.683429	-1.46321	0.419536	1.20227	1.20227
cg02763968	KLHL25	0.462329	0.0715719	3.69356	3.69356	0.526226	1.51746	1.51746	0.532211	1.50812	1.50812	0.405756	0.57559	-1.73735	0.270568	2.10631	2.10631
cg20000464	C11orf30	0.462335	0.641541	1.20479	1.20479	0.445912	0.734362	-1.36173	0.437741	0.730117	-1.36964	0.875994	0.939832	-1.06402	0.586129	0.803755	-1.24416
cg02827336	FGFRL1;FGFRL1;FGFRL1	0.46235	0.719476	1.09572	1.09572	0.2915	0.757742	-1.31971	0.870504	1.04222	1.04222	0.740987	0.919365	-1.08771	0.855618	0.954886	-1.04725
cg13598111	EGFR;EGFR;EGFR;EGFR	0.462355	0.281053	0.674117	-1.48342	0.216206	0.632501	-1.58103	0.215555	0.632047	-1.58216	0.396965	0.736906	-1.35702	0.763724	0.899327	-1.11194
cg24878990	SMURF2	0.462368	0.807842	1.12191	1.12191	0.053896	0.355877	-2.80996	0.726064	1.18065	1.18065	0.430145	0.683736	-1.46255	0.196902	0.525149	-1.90422
cg00079169	THOP1	0.462372	0.578753	0.693052	-1.44289	0.0919251	3.3634	3.3634	0.0703013	3.7534	3.7534	0.878224	0.904622	-1.10543	0.661913	0.750021	-1.3333
cg10985810	PTPRN2;PTPRN2;PTPRN2	0.462373	0.270254	0.812014	-1.23151	0.771521	0.948552	-1.05424	0.67673	1.07903	1.07903	0.746198	1.06068	1.06068	0.53011	0.891033	-1.12229
cg14981468	ADD2;ADD2;ADD2;ADD2;ADD2	0.462381	0.980047	0.986234	-1.01396	0.14186	2.39988	2.39988	0.0286396	4.18312	4.18312	0.663851	1.27428	1.27428	0.8934	0.928379	-1.07715
cg12326244	GAA;GAA;GAA	0.462386	0.354992	0.820979	-1.21806	0.433782	1.18008	1.18008	0.645587	1.10076	1.10076	0.534386	0.877701	-1.13934	0.313477	0.805639	-1.24125
cg01593345	APOLD1	0.462386	0.12559	0.257593	-3.88209	0.160735	0.293475	-3.40744	0.597779	0.646837	-1.54599	0.152465	0.285328	-3.50474	0.244431	0.369205	-2.70852
cg02048968	PLEKHG4B	0.462388	0.767695	0.890135	-1.12342	0.741839	1.13869	1.13869	0.474399	0.751394	-1.33086	0.396683	0.711062	-1.40635	0.213284	0.59754	-1.67353
cg25388952	CCDC57	0.462389	0.229608	0.0608019	-16.4469	0.757005	1.99256	1.99256	0.973264	1.07728	1.07728	0.972257	0.92566	-1.08031	0.239299	15.4452	15.4452
cg13103051	ST8SIA5	0.462401	0.955991	0.978232	-1.02225	0.993553	0.996783	-1.00323	0.625801	0.822019	-1.21652	0.0612972	0.431329	-2.31842	0.51248	1.30332	1.30332
cg06646650	CCNG1;CCNG1	0.462402	0.872623	1.12164	1.12164	0.977838	1.02007	1.02007	0.864668	0.885109	-1.1298	0.0860271	3.88534	3.88534	0.677565	0.741447	-1.34871
cg26921657	C21orf125	0.462409	0.487915	0.690983	-1.44721	0.0890749	0.373964	-2.67405	0.10412	0.393758	-2.53963	0.692057	1.23221	1.23221	0.135671	0.430198	-2.32451
cg10830322	HPYR1	0.462413	0.711672	0.85249	-1.17303	0.874976	1.06999	1.06999	0.253891	1.67408	1.67408	0.521901	1.32237	1.32237	0.137853	2.00237	2.00237
cg13690989	MEF2C;MEF2C	0.462422	0.650435	0.872348	-1.14633	0.23928	1.44616	1.44616	0.700401	1.1227	1.1227	0.622667	0.862021	-1.16006	0.38635	1.30451	1.30451
cg08338641	CXorf58;CXorf58;CXorf58;APOO;CXorf58;APOO	0.46243	0.146901	0.152003	-6.5788	0.681858	0.607276	-1.6467	0.941453	1.09295	1.09295	0.222204	4.72295	4.72295	0.221535	4.73467	4.73467
cg04828792	MX2	0.462431	0.840228	1.0575	1.0575	0.167787	1.50257	1.50257	0.689582	0.894761	-1.11762	0.939467	1.02126	1.02126	0.940485	0.979532	-1.0209
cg11743827	MAP3K13	0.462447	0.367631	0.815885	-1.22566	0.537743	1.14705	1.14705	0.484716	1.16897	1.16897	0.705388	1.0871	1.0871	0.130155	1.43253	1.43253
cg20941956	NFATC4;NFATC4	0.462449	0.0859798	0.332043	-3.01166	0.228481	0.479775	-2.08431	0.827207	0.880709	-1.13545	0.617469	0.746333	-1.33989	0.982075	1.01314	1.01314
cg12947498	ARMCX1	0.462457	0.328898	0.518239	-1.92961	0.180991	0.395952	-2.52556	0.554555	0.677108	-1.47687	0.38498	1.78785	1.78785	0.393118	1.76941	1.76941
cg01023769	ARL13B;ARL13B	0.462461	0.255108	1.70503	1.70503	0.584338	1.28158	1.28158	0.0806892	2.38675	2.38675	0.436111	1.42875	1.42875	0.302373	1.61576	1.61576
cg27578987	MAP2K2	0.462466	0.457526	0.885762	-1.12897	0.725426	1.05817	1.05817	0.593516	1.09022	1.09022	0.782901	1.04528	1.04528	0.745255	0.949071	-1.05366
cg16392729	HEATR2	0.462474	0.522725	0.891774	-1.12136	0.877315	0.973054	-1.02769	0.525495	1.12048	1.12048	0.282127	1.21852	1.21852	0.497347	1.12957	1.12957
cg21431125	RIMS3	0.462476	0.657387	1.20703	1.20703	0.830017	1.09486	1.09486	0.934887	1.03504	1.03504	0.293571	1.5829	1.5829	0.507142	1.328	1.328
cg08248641	AUTS2;AUTS2	0.462477	0.286836	0.755536	-1.32356	0.474094	0.831499	-1.20265	0.818852	0.943514	-1.05987	0.674749	0.898549	-1.11291	0.45817	0.825739	-1.21104
cg27102297	CBFA2T3;CBFA2T3	0.462496	0.446564	0.629975	-1.58736	0.0839916	3.12294	3.12294	0.381199	1.70735	1.70735	0.974714	0.9813	-1.01906	0.346867	0.561626	-1.78054
cg22545356	MMRN2	0.462497	0.502614	0.766644	-1.30439	0.132799	0.530755	-1.88411	0.989614	0.994929	-1.0051	0.866127	0.936225	-1.06812	0.0687898	0.451357	-2.21554
cg18030003	KIF4A;PDZD11	0.462501	0.357431	0.371608	-2.69101	0.0843715	0.135754	-7.36627	0.580652	0.557876	-1.79251	0.166356	4.68129	4.68129	0.652164	0.622133	-1.60737
cg03424637	AFF2;AFF2;AFF2;AFF2;AFF2	0.462501	0.238312	0.308906	-3.23723	0.69913	0.691166	-1.44683	0.459938	0.488919	-2.04533	0.118225	5.01902	5.01902	0.315073	2.6859	2.6859
cg11231249	CTNNA2;LRRTM1;CTNNA2	0.462502	0.641853	0.890802	-1.12258	0.600796	0.8778	-1.13921	0.437943	1.2157	1.2157	0.190506	1.40808	1.40808	0.810198	0.942332	-1.0612
cg00351202	LOC100240726	0.462518	0.216798	1.36327	1.36327	0.483298	0.843767	-1.18516	0.986035	0.995835	-1.00418	0.148791	1.44662	1.44662	0.372259	1.24412	1.24412
cg18701696	FOXK2	0.462526	0.773023	0.947634	-1.05526	0.130857	0.738298	-1.35447	0.378254	0.845235	-1.1831	0.224219	1.26803	1.26803	0.134334	1.35023	1.35023
cg01349858	9-Sep	0.46253	0.0641317	0.378873	-2.63941	0.499421	1.37693	1.37693	0.763802	1.15096	1.15096	?	?	?	0.925633	0.95738	-1.04452
cg05109981	STAT5A	0.462542	0.169262	0.833845	-1.19926	0.519948	1.0843	1.0843	0.547405	1.07847	1.07847	0.896083	1.01635	1.01635	0.985568	0.997758	-1.00225
cg21534623	JAK1	0.462544	0.230016	0.727439	-1.37469	0.894606	0.967063	-1.03406	0.212293	1.39371	1.39371	0.775049	0.930158	-1.07509	0.298816	1.31273	1.31273
cg18881778	CIT	0.462555	0.888784	1.10562	1.10562	0.0588462	4.62375	4.62375	0.318011	2.09724	2.09724	0.34812	2.00004	2.00004	0.552637	0.649821	-1.53889
cg26860066	AMBRA1	0.462555	0.425898	1.31448	1.31448	0.581483	0.829251	-1.20591	0.0327688	0.43171	-2.31637	0.911061	0.963119	-1.03829	0.931903	0.971667	-1.02916
cg06892152	GLO1	0.462571	0.749009	1.07174	1.07174	0.665316	0.910344	-1.09849	0.852775	0.960699	-1.04091	0.797104	0.945913	-1.05718	0.36272	1.22373	1.22373
cg13548189	ADAP1	0.462574	0.209347	0.274088	-3.64847	0.351845	0.391721	-2.55284	0.960973	1.04903	1.04903	0.503297	1.94336	1.94336	0.0502505	0.112675	-8.87505
cg18213857	PPP2R1B;PPP2R1B	0.462577	0.397092	0.496425	-2.0144	0.246679	2.66011	2.66011	0.153243	0.290789	-3.43891	0.348663	0.458755	-2.17981	0.226706	2.78737	2.78737
cg11717506	SLC16A1;SLC16A1;SLC16A1	0.462577	0.306613	1.66898	1.66898	0.138647	2.16292	2.16292	0.3762	1.5519	1.5519	0.302763	1.67632	1.67632	0.363302	1.57167	1.57167
cg06768079	LOXL2	0.462582	0.761472	1.11297	1.11297	0.0704667	2.03559	2.03559	0.115852	1.82372	1.82372	0.245153	1.53327	1.53327	0.917427	1.03713	1.03713
cg21146957	PTPRQ	0.462582	0.198892	1.78499	1.78499	0.369745	0.674929	-1.48164	0.172435	0.538046	-1.85858	0.995706	0.997706	-1.0023	0.579992	1.26944	1.26944
cg06185657	C12orf29	0.462599	0.238052	0.730702	-1.36855	0.554648	0.859234	-1.16383	0.442067	0.81956	-1.22017	0.17962	1.43596	1.43596	0.97759	1.00716	1.00716
cg00306299	SLTM;SLTM	0.462602	0.289067	1.42186	1.42186	0.180476	0.63455	-1.57592	0.61899	1.1739	1.1739	0.993109	1.00277	1.00277	0.636671	0.858838	-1.16436
cg17832805	HMGN3;HMGN3	0.46261	0.106097	0.212578	-4.70416	0.328894	2.42076	2.42076	0.426119	2.04005	2.04005	0.305346	2.53758	2.53758	0.361229	2.27832	2.27832
cg04365980	CLEC3A	0.462614	0.558434	0.727291	-1.37497	0.228464	0.506546	-1.97416	0.180176	0.464944	-2.1508	0.8906	1.07686	1.07686	0.247046	0.521374	-1.91801
cg18305480	SNTA1	0.46262	0.166252	0.661723	-1.51121	0.176304	0.668903	-1.49499	0.884414	1.04153	1.04153	0.428804	0.797766	-1.2535	0.314406	0.747512	-1.33777
cg05830192	BEND3	0.46262	?	?	?	0.0790844	3.86489	3.86489	0.255655	2.27697	2.27697	?	?	?	0.758769	0.807679	-1.23812
cg07253769	OAS2;OAS2	0.462624	0.944849	1.0353	1.0353	0.368174	0.629098	-1.58958	0.146251	0.457481	-2.18588	0.504181	0.711875	-1.40474	0.0737335	0.368049	-2.71703

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06521562	0.112237	2.52682	2.52682	0.949772	0.966795	-1.03435	0.56158	1.36975	1.36975	0.100105	0.380686	-2.62684	1.08062	4.91779	4.04522	1
cg08415156	0.908531	0.952557	-1.04981	0.656871	0.82772	-1.20814	0.931917	0.964509	-1.0368	0.116068	0.485641	-2.05914	1.08062	3.06088	2.5178	1
cg01688293	0.969279	1.00745	1.00745	0.0363058	1.59859	1.59859	0.425457	1.16984	1.16984	0.619962	0.908142	-1.10115	1.08062	0.635824	0.523013	1
cg22466043	0.886934	0.803203	-1.24502	?	?	?	?	?	?	?	?	?	1.04304	21.3135	28.6077	1
cg02388865	0.739284	0.669515	-1.49362	0.0393707	17.5164	17.5164	0.174827	5.66067	5.66067	0.511398	2.22568	2.22568	1.08059	24.695	20.314	1
cg17620251	0.211975	0.302552	-3.30521	0.583802	0.604678	-1.65377	0.602525	1.61244	1.61244	0.645709	1.52335	1.52335	1.08055	14.1492	11.6395	1
cg09935073	0.153857	0.39931	-2.50432	0.657364	0.764587	-1.3079	0.974184	1.01965	1.01965	0.838257	1.13077	1.13077	1.08054	6.18728	5.08987	1
cg02949481	0.949059	0.982146	-1.01818	0.529051	1.19698	1.19698	0.509278	1.20776	1.20776	0.412799	1.26629	1.26629	1.08054	1.36052	1.11921	1
cg10835423	0.866994	1.06493	1.06493	0.999655	0.999838	-1.00016	0.550321	0.797071	-1.25459	0.469919	1.31774	1.31774	1.08053	2.4107	1.98314	1
cg04685003	0.385527	1.19997	1.19997	0.167764	0.739876	-1.35158	0.791628	0.947188	-1.05576	0.412405	1.18735	1.18735	1.08051	0.718557	0.591128	1
cg21544075	0.585322	1.12469	1.12469	0.164768	0.728996	-1.37175	0.91544	1.02291	1.02291	0.732024	1.07606	1.07606	1.0805	0.77841	0.640368	1
cg16991341	0.288149	0.700252	-1.42806	0.659705	0.866602	-1.15393	0.728213	0.893399	-1.11932	0.18003	1.58415	1.58415	1.08049	1.7866	1.46978	1
cg08781257	0.735356	1.27515	1.27515	0.0473883	0.196875	-5.07935	0.770177	1.23353	1.23353	0.715915	1.29934	1.29934	1.08048	8.78388	7.22633	1
cg21339822	0.475325	0.605775	-1.65078	0.0382581	0.190498	-5.2494	0.711329	0.773623	-1.29262	0.563992	0.668489	-1.49591	1.08042	8.15858	6.71226	1
cg07843056	?	?	?	0.372134	3.65777	3.65777	0.940023	1.11238	1.11238	0.545357	2.37789	2.37789	1.07218	30.235	28.1995	1
cg02611934	0.374001	2.57422	2.57422	0.0442562	10.9617	10.9617	0.208069	3.9563	3.9563	0.616659	1.68701	1.68701	1.08042	18.3715	15.1147	1
cg15752043	0.0411634	1.6955	1.6955	0.723587	1.08284	1.08284	0.591267	1.12918	1.12918	0.692254	1.09325	1.09325	1.08041	0.859463	0.707109	1
cg20648939	0.357568	1.39144	1.39144	0.074597	2.00063	2.00063	0.759762	0.898448	-1.11303	0.840605	1.07284	1.07284	1.0804	2.08585	1.71611	1
cg11765362	0.972625	0.986149	-1.01405	0.448766	0.730683	-1.36858	0.72353	1.15532	1.15532	0.376453	1.44619	1.44619	1.08039	2.82719	2.32606	1
cg19403909	0.322838	1.85065	1.85065	0.0726346	3.34417	3.34417	0.523007	1.47725	1.47725	0.1407	2.59908	2.59908	1.08037	6.21657	5.11476	1
cg04570735	0.637896	1.25577	1.25577	0.882043	0.931152	-1.07394	0.454183	1.44236	1.44236	0.575933	1.31192	1.31192	1.08035	3.94935	3.24943	1
cg10551016	0.38661	1.1972	1.1972	0.184106	0.751456	-1.33075	0.187136	1.32783	1.32783	0.50236	0.871044	-1.14805	1.08035	0.703719	0.579008	1
cg06115741	0.149926	0.395806	-2.52649	0.531261	1.45858	1.45858	0.0936527	3.039	3.039	0.769209	1.19106	1.19106	1.09697	6.00141	4.25514	1
cg16396223	0.752137	1.07909	1.07909	0.838476	0.952146	-1.05026	0.663987	1.11072	1.11072	0.220507	0.73384	-1.3627	1.08033	0.98759	0.812585	1
cg21579726	0.747106	1.16102	1.16102	0.617965	1.26116	1.26116	0.142021	2.07192	2.07192	0.683386	1.20832	1.20832	1.08032	3.64355	2.99793	1
cg16419124	0.595056	1.76634	1.76634	0.645866	1.63342	1.63342	0.326733	2.92628	2.92628	0.614452	1.71369	1.71369	1.08032	19.2424	15.8327	1
cg23483886	0.717422	0.709223	-1.40999	0.983612	1.01961	1.01961	0.868688	0.855199	-1.16932	0.813343	0.799629	-1.25058	1.0803	15.2909	12.5816	1
cg05348982	0.43625	0.889462	-1.12428	0.0968218	0.764284	-1.30841	0.747933	0.95356	-1.0487	0.79569	0.962454	-1.03901	1.0803	0.372146	0.306208	1
cg13479146	0.720788	0.76872	-1.30086	0.408219	0.537954	-1.85889	0.515596	1.62119	1.62119	0.676178	0.735014	-1.36052	1.0803	9.1904	7.56202	1
cg21929649	?	?	?	0.80004	0.850194	-1.1762	0.916323	1.06951	1.06951	0.693837	0.776484	-1.28786	1.07206	6.17064	5.75588	1
cg17733702	0.648798	1.19471	1.19471	0.328615	0.676231	-1.47878	0.385209	0.707926	-1.41258	0.376261	1.42235	1.42235	1.07205	2.27204	2.11935	1
cg02523105	0.126397	0.155657	-6.42437	0.620286	0.570167	-1.75387	0.935394	1.09549	1.09549	0.974851	1.0361	1.0361	1.08027	21.6508	17.8151	1
cg02720013	0.251992	1.30152	1.30152	0.0796108	1.53488	1.53488	0.422581	1.19769	1.19769	0.610289	0.892976	-1.11985	1.08026	0.82975	0.682757	1
cg20946504	0.687892	1.33862	1.33862	0.0746332	0.238315	-4.19612	0.55805	1.53387	1.53387	0.371855	1.93894	1.93894	1.08024	8.92275	7.34222	1
cg04885825	0.763912	1.15467	1.15467	0.602689	0.778223	-1.28498	0.511315	1.37446	1.37446	0.796286	1.13147	1.13147	1.08023	3.90001	3.20918	1
cg09966770	0.52877	1.13749	1.13749	0.0443072	1.59415	1.59415	0.881573	0.970355	-1.03055	0.90736	1.02378	1.02378	1.0802	0.697171	0.573698	1
cg00428638	0.195861	0.422458	-2.3671	0.416845	0.592909	-1.6866	0.151652	0.379959	-2.63187	0.785719	1.18729	1.18729	1.08019	6.78908	5.58675	1
cg01023344	0.201777	1.38979	1.38979	0.0784544	1.61175	1.61175	0.941753	0.982314	-1.018	0.675401	1.10831	1.10831	1.08018	1.02012	0.839465	1
cg15697440	0.325628	1.24995	1.24995	0.606079	0.891952	-1.12114	0.523664	1.15265	1.15265	0.258533	1.29581	1.29581	1.08018	0.826601	0.680219	1
cg12858577	0.250287	0.35194	-2.84139	0.637827	0.662218	-1.51008	0.49955	0.55113	-1.81445	0.129934	0.241238	-4.14529	1.08016	12.9264	10.6374	1
cg24672056	0.614944	1.50814	1.50814	0.112883	0.247117	-4.04667	0.333829	2.24228	2.24228	0.825206	1.19624	1.19624	1.08016	11.2264	9.23846	1
cg14291066	0.194006	0.729718	-1.37039	0.351807	0.802747	-1.24572	0.661224	1.1064	1.1064	0.88561	0.967531	-1.03356	1.08015	0.899475	0.740203	1
cg20040041	0.658318	0.809381	-1.23551	0.640858	1.25014	1.25014	0.624018	0.790766	-1.2646	0.524562	1.35855	1.35855	1.08014	3.86275	3.17881	1
cg03532510	0.493697	1.3897	1.3897	0.137301	0.468726	-2.13344	0.314797	1.63583	1.63583	0.715849	1.18897	1.18897	1.08014	3.83483	3.15584	1
cg01773478	0.218683	0.137504	-7.27253	0.257114	0.163024	-6.13408	0.850289	0.74842	-1.33615	0.94224	0.894823	-1.11754	1.08008	40.2339	33.1121	1
cg21323630	0.501635	1.67512	1.67512	0.0798225	4.3513	4.3513	0.0979608	3.94809	3.94809	0.232844	2.57631	2.57631	1.08007	9.78856	8.05591	1
cg22967396	0.260398	0.430268	-2.32413	0.591381	0.677512	-1.47599	0.21414	2.55905	2.55905	0.910116	0.922073	-1.08451	1.08006	8.82869	7.26602	1
cg03030524	0.210572	0.77377	-1.29237	0.834726	1.04145	1.04145	0.864655	0.967377	-1.03372	0.454843	0.862434	-1.15951	1.08005	0.646534	0.532101	1
cg22972806	0.122229	0.0896056	-11.16	0.440546	3.10437	3.10437	0.0927118	0.0696375	-14.3601	0.386757	3.58869	3.58869	1.08002	35.4805	29.2016	1
cg15108634	0.516258	0.835821	-1.19643	0.56136	0.852124	-1.17354	0.376278	1.2807	1.2807	0.625813	0.874673	-1.14329	1.08001	1.26998	1.04524	1
cg21665294	0.690272	1.15285	1.15285	0.613615	0.834601	-1.19818	0.102748	0.530493	-1.88504	0.134307	1.77422	1.77422	1.08001	2.15698	1.77528	1
cg18481642	0.255835	1.333	1.333	0.203522	0.722366	-1.38434	0.189949	1.39989	1.39989	0.699651	0.910342	-1.09849	1.08	1.00434	0.826613	1
cg26056959	0.687001	0.890972	-1.12237	0.943457	0.979987	-1.02042	0.982487	0.993764	-1.00628	0.27864	0.725389	-1.37857	1.07999	1.38935	1.14351	1
cg18568647	0.723532	1.11457	1.11457	0.105611	1.71579	1.71579	0.830856	0.936763	-1.06751	0.646508	0.868473	-1.15145	1.07998	1.59515	1.31291	1
cg27173532	0.911316	0.90879	-1.10036	0.730392	0.743082	-1.34575	0.85048	0.850447	-1.17585	0.562559	0.604984	-1.65294	1.07997	12.6037	10.3737	1
cg18274325	0.686419	1.06462	1.06462	0.474398	1.11879	1.11879	0.336634	0.858256	-1.16515	0.8405	1.03158	1.03158	1.07996	0.407174	0.335136	1
cg04147929	0.415806	1.31746	1.31746	0.147915	1.67294	1.67294	0.647653	0.858528	-1.16478	0.149809	0.599387	-1.66837	1.07993	1.8795	1.54701	1
cg19290962	0.292123	1.34954	1.34954	0.186495	1.46825	1.46825	0.442104	1.2398	1.2398	0.701519	1.11139	1.11139	1.07993	1.28645	1.05888	1
cg08602633	0.466628	1.16614	1.16614	0.514264	1.14708	1.14708	0.693678	1.0856	1.0856	0.81909	0.953581	-1.04868	1.07992	0.736244	0.606005	1
cg05827631	0.226433	0.805849	-1.24093	0.178334	0.784236	-1.27513	0.82332	1.03874	1.03874	0.95853	1.00888	1.00888	1.07992	0.49404	0.406649	1
cg21938123	0.1282	3.69842	3.69842	0.415918	0.51617	-1.93735	0.305735	0.430222	-2.32438	0.903037	0.907616	-1.10179	1.07166	9.54349	8.90531	1
cg23571452	0.769897	0.81579	-1.22581	0.923301	1.06913	1.06913	0.0928932	3.60857	3.60857	0.51472	1.58184	1.58184	1.07991	8.24083	6.78315	1
cg14722693	0.186561	1.79249	1.79249	0.13556	1.95517	1.95517	0.428818	1.40026	1.40026	0.375142	0.684275	-1.4614	1.0799	2.97122	2.44568	1
cg06445873	0.429671	1.40385	1.40385	0.805602	0.901447	-1.10933	0.525199	1.31116	1.31116	0.13585	0.508495	-1.96659	1.07988	3.02815	2.49259	1
cg23884187	0.136105	1.2355	1.2355	0.41123	0.89526	-1.11699	0.70208	0.950652	-1.05191	0.911895	0.985531	-1.01468	1.07986	0.296532	0.244091	1
cg20478468	0.203978	0.696537	-1.43567	0.0757652	1.70429	1.70429	0.808299	0.936535	-1.06777	0.679282	0.893914	-1.11868	1.07985	1.24443	1.02436	1
cg06492372	0.310727	0.435814	-2.29455	0.918518	1.0844	1.0844	0.194299	0.337109	-2.9664	0.994915	0.994966	-1.00506	1.07984	10.7238	8.82743	1
cg00397274	0.597588	1.5472	1.5472	0.0515451	6.1454	6.1454	0.190941	3.10976	3.10976	0.146985	3.57928	3.57928	1.07984	11.4799	9.44989	1
cg13205617	0.420435	1.42502	1.42502	0.793903	1.11925	1.11925	0.789654	0.891323	-1.12193	0.843811	0.918622	-1.08859	1.07984	3.16667	2.6067	1
cg08901704	0.663343	1.14754	1.14754	0.563031	1.20169	1.20169	0.198457	1.53269	1.53269	0.638903	0.861998	-1.16009	1.07983	1.68849	1.38992	1
cg02450124	0.875375	1.0423	1.0423	0.493209	1.20164	1.20164	0.217587	1.40832	1.40832	0.778269	0.928194	-1.07736	1.07983	1.19163	0.980915	1
cg09810818	0.24226	1.66841	1.66841	0.872511	0.935039	-1.06947	0.5561	0.779571	-1.28276	0.925229	1.04004	1.04004	1.07979	2.99155	2.46267	1
cg04533699	0.886297	0.958468	-1.04333	0.709443	1.11736	1.11736	0.417568	1.2784	1.2784	0.300578	1.37441	1.37441	1.07978	1.50317	1.23743	1
cg07748875	0.142618	0.437556	-2.28542	0.942433	1.03861	1.03861	0.892748	1.07332	1.07332	0.909069	1.06176	1.06176	1.07978	4.70443	3.87274	1
cg01305483	0.833083	0.947297	-1.05564	0.471318	1.20682	1.20682	0.652023	1.12351	1.12351	0.848716	0.952187	-1.05021	1.07977	1.12555	0.926577	1
cg16377738	0.837778	1.16339	1.16339	0.0518502	0.195278	-5.12091	0.99911	0.999177	-1.00082	0.626186	1.43676	1.43676	1.07977	9.31981	7.67225	1
cg21239265	0.0950872	2.89727	2.89727	?	?	?	?	?	?	0.983631	1.01123	1.01123	1.11491	3.19923	2.39124	1
cg12201961	0.136924	0.743319	-1.34532	0.82197	1.04261	1.04261	0.23361	0.79358	-1.26011	0.191234	1.292	1.292	1.07977	0.586177	0.482553	1
cg26473301	0.129191	1.57258	1.57258	0.0434979	1.89846	1.89846	0.400526	1.26822	1.26822	0.702749	0.89954	-1.11168	1.07975	1.30387	1.07339	1
cg25158266	0.125786	0.254417	-3.93056	0.814542	0.823535	-1.21428	0.923964	1.08207	1.08207	0.966919	0.966314	-1.03486	1.07972	11.674	9.61077	1
cg26490274	0.261114	0.748794	-1.33548	0.479434	1.19419	1.19419	0.125805	0.664382	-1.50516	0.226759	0.731057	-1.36788	1.07972	1.04192	0.85777	1
cg21517147	0.860298	1.06131	1.06131	0.0489057	0.467824	-2.13755	0.300636	1.43665	1.43665	0.584004	0.829618	-1.20537	1.07971	1.95137	1.6065	1
cg05345283	0.920461	1.08765	1.08765	0.613761	1.53437	1.53437	0.369977	2.16947	2.16947	0.903137	1.10785	1.10785	1.0797	12.1007	9.96219	1
cg18279994	0.188524	0.732579	-1.36504	0.533839	1.15112	1.15112	0.397512	1.21348	1.21348	0.298744	1.27196	1.27196	1.07968	0.85304	0.702296	1
cg02763968	0.138793	2.81447	2.81447	0.925798	0.941301	-1.06236	0.928458	0.943351	-1.06005	0.844827	0.880512	-1.1357	1.07968	7.21114	5.93684	1
cg20000464	0.621894	0.820752	-1.21839	0.0451122	2.49311	2.49311	0.870098	1.0672	1.0672	0.352574	0.683779	-1.46246	1.07967	2.7001	2.22298	1
cg02827336	0.814028	0.942025	-1.06154	0.0299601	0.523502	-1.91021	0.762885	0.926179	-1.07971	0.212619	0.716976	-1.39475	1.07964	1.09839	0.904327	1
cg13598111	0.362584	0.719378	-1.39009	0.7213	1.13437	1.13437	0.32761	1.42716	1.42716	0.271572	1.49608	1.49608	1.07963	2.11835	1.74409	1
cg24878990	0.559388	1.32139	1.32139	0.814218	1.11754	1.11754	0.392078	0.661038	-1.51277	0.386492	0.657642	-1.52058	1.07961	3.81084	3.13764	1
cg00079169	0.778291	1.20265	1.20265	0.445046	1.66356	1.66356	0.930019	0.944195	-1.0591	0.760709	0.818981	-1.22103	1.0796	7.30771	6.01681	1
cg10985810	0.513224	1.12781	1.12781	0.0770361	1.42854	1.42854	0.795357	0.953946	-1.04828	0.20845	0.786196	-1.27195	1.0796	0.562638	0.463249	1
cg14981468	0.626315	1.31258	1.31258	0.462672	1.51346	1.51346	0.785607	1.16315	1.16315	0.911323	1.0637	1.0637	1.07958	5.25322	4.32531	1
cg12326244	0.783384	0.944472	-1.05879	0.754023	0.936914	-1.06733	0.122967	1.41402	1.41402	0.174889	1.34868	1.34868	1.07957	0.734823	0.605032	1
cg01593345	0.391073	0.487206	-2.05252	0.145673	0.278512	-3.59051	0.211605	0.340685	-2.93526	0.272741	0.392954	-2.54483	1.07957	11.448	9.42595	1
cg02048968	0.306188	0.659522	-1.51625	0.0927403	2.06841	2.06841	0.323746	0.670039	-1.49245	0.856855	0.931518	-1.07352	1.07957	2.63929	2.17313	1
cg25388952	0.895339	0.746501	-1.33958	0.341115	8.83772	8.83772	0.367784	7.80663	7.80663	0.103201	0.019076	-52.422	1.07957	84.3637	69.4629	1
cg13103051	0.388765	1.42227	1.42227	0.664716	0.840375	-1.18994	0.138282	0.529182	-1.88971	0.564895	0.792904	-1.26119	1.07954	2.71929	2.23904	1
cg06646650	0.28724	0.453589	-2.20464	0.108584	0.28587	-3.49809	0.699676	1.31959	1.31959	0.889766	0.905547	-1.10431	1.07954	8.75163	7.20605	1
cg26921657	0.845351	0.902638	-1.10786	0.545913	0.725728	-1.37793	0.822358	1.12519	1.12519	0.915072	0.945581	-1.05755	1.07953	4.70417	3.87343	1
cg10830322	?	?	?	0.0669199	2.45535	2.45535	0.96728	1.01778	1.01778	0.996765	0.99826	-1.00174	1.08763	2.76626	2.22546	1
cg13690989	0.141797	1.6046	1.6046	0.511614	1.22052	1.22052	0.448842	0.793705	-1.25991	0.190764	0.660521	-1.51396	1.0795	1.53213	1.26159	1
cg08338641	0.225994	0.214698	-4.65771	0.47768	0.417447	-2.39551	0.591036	0.518713	-1.92785	0.676397	0.60173	-1.66188	1.07949	25.0355	20.6151	1
cg04828792	0.751412	1.09201	1.09201	0.0305331	2.02178	2.02178	0.73906	0.911571	-1.09701	0.919544	1.02838	1.02838	1.07949	1.31144	1.07988	1
cg11743827	0.556313	0.877362	-1.13978	0.169124	0.724621	-1.38003	0.276989	1.28224	1.28224	0.931763	1.01901	1.01901	1.07946	0.826521	0.680607	1
cg20941956	0.942607	0.959026	-1.04272	0.319776	0.550238	-1.8174	0.130882	0.387581	-2.5801	0.123568	0.379377	-2.6359	1.07945	5.77233	4.7533	1
cg12947498	0.217114	0.428659	-2.33285	0.822317	0.863537	-1.15803	0.221022	2.31454	2.31454	0.987863	0.990127	-1.00997	1.07944	7.27448	5.99036	1
cg01023769	0.535748	0.75456	-1.32528	0.899327	0.944745	-1.05849	0.536982	1.32412	1.32412	0.290111	0.610752	-1.63733	1.07943	3.44778	2.83918	1
cg27578987	0.930006	0.986012	-1.01419	0.0879449	0.739376	-1.35249	0.294153	0.839906	-1.19061	0.14731	1.28316	1.28316	1.07942	0.439507	0.361929	1
cg16392729	0.456864	1.14337	1.14337	0.0793016	1.41121	1.41121	0.568787	0.903176	-1.1072	0.27055	0.816404	-1.22488	1.0794	0.534503	0.440163	1
cg21431125	0.940722	1.03185	1.03185	0.0717375	0.428478	-2.33384	0.890201	1.05995	1.05995	0.138102	1.96019	1.96019	1.0794	3.03759	2.50147	1
cg08248641	0.69317	0.904374	-1.10574	0.667155	1.1159	1.1159	0.26639	0.745636	-1.34114	0.028775	0.520149	-1.92253	1.0794	1.09826	0.904426	1
cg27102297	0.418138	0.610933	-1.63684	0.250762	0.48932	-2.04365	0.692034	0.788901	-1.26759	0.773824	0.842307	-1.18722	1.07936	6.0639	4.99382	1
cg22545356	0.262009	1.57904	1.57904	0.513137	0.771795	-1.29568	0.665075	0.843562	-1.18545	0.550935	0.790052	-1.26574	1.07936	2.60777	2.14759	1
cg18030003	0.216956	0.256974	-3.89145	0.960542	0.94957	-1.05311	0.941264	1.08012	1.08012	0.951064	1.0663	1.0663	1.07935	18.7015	15.4014	1
cg03424637	0.188317	0.265593	-3.76515	0.83078	1.22573	1.22573	0.852912	0.838181	-1.19306	0.86346	1.17787	1.17787	1.07935	15.463	12.7344	1
cg11231249	0.933429	1.02084	1.02084	0.563414	0.865712	-1.15512	0.656907	1.11668	1.11668	0.0479617	1.74742	1.74742	1.07935	1.04178	0.857952	1
cg00351202	0.968277	1.00953	1.00953	0.080662	1.58717	1.58717	0.799852	1.06245	1.06245	0.633058	0.891641	-1.12153	1.07932	0.971917	0.800437	1
cg18701696	0.985958	0.996732	-1.00328	0.944227	1.0131	1.0131	0.558149	0.895703	-1.11644	0.7629	0.945281	-1.05789	1.0793	0.591315	0.486993	1
cg01349858	0.840852	0.910467	-1.09834	?	?	?	0.43598	1.44885	1.44885	0.409991	1.48155	1.48155	1.06039	2.8429	3.06401	1
cg05109981	0.812924	0.971012	-1.02985	0.389989	0.896459	-1.1155	0.490701	0.916802	-1.09075	0.0749704	1.27898	1.27898	1.07927	0.263178	0.216753	1
cg21534623	0.70899	0.909617	-1.09936	0.622113	1.13375	1.13375	0.108929	1.55544	1.55544	0.528699	0.851055	-1.17501	1.07927	1.09139	0.898876	1
cg18881778	0.773693	0.813116	-1.22984	0.329864	0.486002	-2.0576	0.661323	0.728819	-1.37208	0.561049	1.52464	1.52464	1.07925	8.80123	7.24886	1
cg26860066	0.852289	1.06469	1.06469	0.743388	1.11681	1.11681	0.427907	1.31285	1.31285	0.560645	0.820472	-1.21881	1.07925	1.93324	1.59226	1
cg06892152	0.613651	1.11614	1.11614	0.138911	0.709081	-1.41028	0.321466	1.24741	1.24741	0.0954678	1.48483	1.48483	1.07922	0.796159	0.65575	1
cg13548189	0.468851	0.48632	-2.05626	0.564221	0.565425	-1.76858	0.940333	0.929391	-1.07597	0.244373	0.30383	-3.29132	1.07921	16.3543	13.4702	1
cg18213857	0.484712	0.563566	-1.77441	0.338508	0.45076	-2.21847	0.960976	0.961254	-1.04031	0.964246	1.03687	1.03687	1.07921	11.1488	9.18275	1
cg11717506	0.674303	0.815017	-1.22697	0.193134	0.513521	-1.94734	0.771591	1.15127	1.15127	0.341362	1.60716	1.60716	1.0792	4.0029	3.297	1
cg06768079	0.388606	1.36431	1.36431	0.439334	1.31955	1.31955	0.572992	0.818536	-1.22169	0.820694	0.923288	-1.08309	1.0792	2.11265	1.74011	1
cg21146957	0.341032	1.52008	1.52008	0.175793	1.84853	1.84853	0.502165	1.33736	1.33736	0.796011	1.11691	1.11691	1.0792	3.11355	2.5645	1
cg06185657	0.900382	1.0323	1.0323	0.102926	0.635762	-1.57291	0.524754	0.849058	-1.17778	0.49013	1.19478	1.19478	1.07916	1.10152	0.907301	1
cg00306299	0.900006	0.960593	-1.04102	0.234637	1.48949	1.48949	0.230995	0.66908	-1.49459	0.259258	1.45705	1.45705	1.07916	1.74823	1.44	1
cg17832805	?	?	?	0.993068	0.992407	-1.00765	0.325642	2.43617	2.43617	0.828692	1.20939	1.20939	1.07088	11.6042	10.8362	1
cg04365980	0.271364	0.540019	-1.85179	0.0665739	0.330576	-3.02502	0.269856	0.538885	-1.85568	0.925487	1.05162	1.05162	1.07913	4.94854	4.07614	1
cg18305480	0.430429	1.25246	1.25246	0.553252	0.845533	-1.18266	0.355513	0.766555	-1.30454	0.105755	0.610029	-1.63927	1.07912	1.33719	1.10147	1
cg05830192	0.858083	1.13214	1.13214	?	?	?	0.902374	1.08882	1.08882	0.305558	2.08682	2.08682	1.04597	5.31005	6.7689	1
cg07253769	0.494655	0.706298	-1.41583	0.110709	0.418351	-2.39034	0.790719	1.14266	1.14266	0.609618	0.772425	-1.29462	1.07912	4.29682	3.53938	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg14303017	NOTCH1	0.462629	0.996716	0.99799	1.00201	0.370059	1.56837	1.56837	0.695176	0.82487	-1.21231	0.126104	1.24598	1.24598	0.251283	0.556543	-1.79681	0.072693	0.983404	-1.01688	0.514993	1.38096	1.38096	0.1006902	2.36444	2.36444	0.543369	1.35053	1.35053	0.07911	4.08512	3.36502	1
cg26796095	SAFB	0.462636	0.7652	0.862585	-1.15931	0.906717	-1.05956	1.05956	0.073966	2.65641	2.65641	0.492214	1.41094	1.41094	0.570674	0.753648	1.32688	0.742186	1.17694	1.17694	0.176781	0.492319	-2.0312	0.795501	1.13676	1.13676	0.303432	0.590924	-1.69227	1.07909	4.16285	3.42911	1
cg23283621	KATNA1	0.462638	0.239706	0.80541	-1.2416	0.296531	0.82675	-1.20956	0.562926	0.9023	-1.10828	0.283619	0.822169	-1.2163	0.641964	0.92099	-1.08579	0.592171	1.09971	1.09971	0.147872	1.31376	1.31376	0.486432	1.13236	1.13236	0.459705	1.14147	1.14147	1.07909	0.528045	0.434972	1
cg01089498	HS3ST1	0.462644	0.104015	2.25646	2.25646	0.199647	1.85961	1.85961	0.765371	0.872581	-1.14603	0.404758	1.47742	1.47742	0.846169	0.914911	-1.093	0.674997	1.21297	1.21297	0.843753	1.09455	1.09455	0.186437	1.52662	-1.89388	0.523381	0.743168	-1.34559	1.07908	3.5824	2.95098	1
cg29339642	SLC38A10;SLC38A10	0.462644	0.105186	0.443113	-2.25676	0.116699	0.456747	-2.1894	0.564623	0.766103	-1.30531	0.503955	0.732146	-1.36585	0.249049	0.574705	-1.74002	0.418938	0.68407	-1.46184	0.353681	0.647962	-1.5433	0.0831869	0.414032	-2.41527	0.836558	0.900293	-1.09976	1.07908	3.61226	2.9756	1
cg03016867	SH3TC2	0.462645	0.750359	1.29545	1.29545	0.115125	0.249258	-4.01191	0.100392	0.232323	-4.30435	0.662584	1.4277	1.4277	0.688974	0.721605	-1.3858	0.931902	0.933037	-1.07177	0.262894	0.57691	1.73357	0.155265	0.590096	1.55431	1.55431	0.17007	11.2394	9.25847	1
cg27661869	DCAF7	0.462647	0.195437	0.759575	-1.31653	0.396296	1.1906	1.1906	0.76899	1.06093	1.06093	0.195143	0.759421	-1.31679	0.416336	0.846338	-1.18156	0.268058	0.793188	-1.26073	0.691544	0.923032	-1.08339	0.761929	1.06292	1.06292	0.220853	1.29496	1.29496	1.07907	0.689322	0.567832	1
cg07349120	KIAA1688	0.462649	0.254198	0.616541	-1.62204	0.809982	0.76539	-1.3062	0.736452	0.780498	1.28055	-1.19034	0.456883	0.842807	-1.18662	0.225832	-2.25832	0.083399	0.327393	-2.94071	0.198404	0.231923	-4.31157	0.0822272	0.126187	-7.92484	0.457408	0.442843	-2.2561	0.27463	0.294855	-3.39349	1.07907	19.7552	16.2735	1
cg26342670	WIBG;WIBG	0.462655	0.559762	0.679996	-1.4706	0.149219	0.74958	2.74958	0.173114	2.58057	2.58057	0.741674	0.80547	-2.24512	0.829208	0.437907	-2.28359	0.46953	1.61801	1.61801	0.152852	1.54346	1.54346	0.989025	0.991045	-1.00904	1.7	1.7	1.07908	0.4471	0.62084	1
cg26473272	SYT8	0.462655	0.365347	0.566083	-1.76553	0.283326	0.505629	-1.97773	0.188538	0.426421	-2.3451	0.457522	0.629487	-1.5886	0.0863126	0.313713	-3.18763	0.690434	0.782776	-1.27751	0.55778	0.695829	-1.43714	0.0616193	0.275836	-3.62534	0.496995	0.655808	-1.52484	1.07906	6.39626	5.26902	1
cg03364130	BRD1	0.462657	0.290344	1.55943	1.55943	0.153208	0.876492	-1.14091	0.145537	0.775373	-1.28937	0.894207	1.46386	1.46386	0.75491	1.76904	-1.11794	0.437332	1.37824	1.37824	0.1096	1.10957	1.10957	0.766401	0.876883	-1.1404	0.910734	1.06446	1.06446	1.07905	2.80173	2.30798	1
cg18961788	DNCS1	0.462663	0.462902	0.738104	-1.35482	0.249027	0.621287	-1.63167	0.0360479	0.371228	-2.69376	0.487551	0.750785	-1.33194	0.763624	1.1304	1.1304	0.822994	0.912969	-1.09553	0.515159	1.30761	1.30761	0.154525	1.14398	1.14398	0.689083	0.849211	-1.17756	1.07904	2.82252	2.32513	1
cg00474723	ME3;ME3;ME3;ME3	0.462667	0.660094	0.975343	-1.10201	0.567332	1.11851	1.13357	0.662467	0.908097	-1.1012	0.62091	1.11563	1.11563	0.353227	0.811628	-1.23209	0.482618	1.10955	1.10955	0.0396516	0.593229	-1.68568	0.735499	1.07726	1.07726	0.657319	1.10296	1.10296	1.07903	0.823264	0.678192	1
cg02558133	PKN2	0.462673	0.591954	0.895983	-1.11609	0.574444	1.1425	1.1425	0.512005	1.14454	1.14454	0.901676	0.975223	-1.02541	0.481059	1.10649	1.10649	0.712378	1.07806	1.07806	0.0541677	0.641714	-1.55833	0.211465	0.765502	-1.30633	0.73495	0.933347	-1.07141	1.07902	0.704191	0.580108	1
cg08586014	MDN1	0.462675	0.360187	1.28687	1.28687	0.0649086	0.573634	-1.74327	0.512727	1.1982	1.19482	0.645566	0.883234	-1.1322	0.542323	0.847586	-1.17982	0.328554	1.31045	1.31045	0.354842	0.774635	-1.29071	0.743284	1.09211	1.09211	0.887342	1.03874	1.03874	1.07902	1.22842	1.01197	1
cg12026858	ZBTB16;ZBTB16	0.462684	0.354745	1.38096	1.33676	0.760617	1.07094	1.07094	0.149973	1.71623	1.71623	0.528243	1.25108	1.25108	0.043728	2.02335	2.02335	2.012035	0.481189	2.07779	0.0411328	2.04113	2.04113	0.0411328	0.24409	4.09855	0.0199557	0.188338	1.30946	1.30936	1.079	1.58833	1.30946	1
cg15230849	DST;DST;DST;DST	0.462702	0.616127	0.855462	-1.16896	0.505313	1.23226	1.23226	0.228318	1.47773	1.47773	0.389832	1.31278	1.31278	0.569766	0.837434	-1.19412	0.970584	1.01145	1.01145	0.0860036	1.79666	1.79666	0.119573	1.68477	1.68477	0.895349	1.04156	1.04156	1.07896	1.62995	1.34281	1
cg26587796	CAHS2	0.462703	0.275463	0.426235	-2.34452	0.245157	0.20577	2.07677	0.411608	1.87955	1.87955	0.900951	1.09811	1.09811	0.292765	0.640265	-2.27136	0.257661	0.411535	-2.42909	0.11549	0.275664	-3.6276	0.0910904	1.08701	1.08701	0.443153	0.585275	-1.7086	1.07896	9.65409	7.66399	1
cg26478401	FAS;FAS;FAS;FAS;FAS;FAS;ACTA2	0.462704	0.0918861	0.630182	-1.58682	0.576555	0.773378	-1.29236	0.704423	0.875464	-1.14228	0.133311	0.477412	-2.09544	0.265987	0.500944	-1.99702	0.886137	0.936941	-1.0673	0.321891	1.5891	1.5891	0.993323	1.00381	1.00381	0.309792	0.620149	-1.61252	1.07896	3.51153	2.80941	1
cg23515921	TBCD	0.46271	0.950748	0.983022	-1.01727	0.610856	0.867393	-1.15288	0.986246	0.995233	-1.00479	0.675554	0.889174	-1.12464	0.963923	1.01262	1.01262	0.510763	0.831167	-1.20313	0.0923459	1.67122	1.67122	0.252098	0.71773	-1.39328	0.119786	0.626312	-1.59665	1.07895	1.13125	1.08192	1
cg11683242	LCK	0.462711	0.293226	0.766283	-1.30497	0.316775	0.753464	-1.32691	0.0744	0.883169	-1.13209	0.775168	0.587499	-1.70222	0.881184	1.00635	1.00635	0.852739	0.885153	-1.12928	0.0813254	0.351195	0.77206	-1.29573	0.542292	0.847423	-1.18005	0.0602377	0.566027	-1.7667	0.572203	0.858223	-1.1652	1.07895	1.23101	1.01417	1
cg26875233	C11orf90	0.462716	0.399162	0.770873	-1.29723	0.0788032	1.80126	1.80126	0.607097	1.16927	1.16927	0.548266	0.832639	-1.201	0.0902424	0.985076	-1.01515	0.372478	0.758776	-1.31791	0.310944	0.729011	-1.37172	0.264047	0.703989	-1.42048	0.918286	0.969903	-1.03103	1.07894	1.55323	1.27964	1
cg06970700	LOC647121 SORBS2;SORBS2;SORBS2;SORBS2;SORBS8	0.462727	0.176814	0.853308	-1.17191	0.657283	1.05058	1.05058	0.666601	1.04906	1.04906	0.24374	0.873922	-1.14427	0.260597	0.878404	-1.13843	0.297187	0.887436	-1.12684	0.200079	0.861085	-1.16132	0.426452	0.914182	-1.09387	0.38345	1.10379	1.10379	1.07892	0.208619	0.171875	1
cg12066473	S2;SORBS2;SORBS2	0.462729	0.343553	0.508358	-1.96712	0.699233	1.90891	1.90891	0.153361	2.88665	2.88665	0.666074	1.35128	1.35128	0.315891	0.487228	-2.05243	0.360438	0.52104	-1.91924	0.423046	0.566096	-1.76368	0.178592	0.371233	-2.69372	0.638709	1.38805	1.38805	1.07891	8.21566	6.76868	1
cg02034204	SLC45A1	0.462732	0.0850881	0.780164	-1.28172	0.0766157	1.26617	1.26617	0.402261	1.09184	1.09184	0.175311	0.74235	-1.34703	0.814074	1.12717	1.12717	0.460688	0.955012	-1.04696	0.814074	1.12717	1.12717	0.0504588	1.20358	-1.49897	0.716526	1.20358	1.20358	1.07891	0.441234	0.363524	1
cg07651512	PVT1	0.462739	0.516626	0.788791	-1.26776	0.828384	1.08148	1.08148	0.554018	1.24106	1.24106	0.236285	0.639066	-1.56478	0.851132	1.07014	1.07014	0.446935	1.32271	1.32271	0.105403	1.89323	1.89323	0.747799	1.12344	1.12344	0.184672	0.601925	-1.66134	0.17889	2.22434	1.83261	1
cg16509946	ZBTB12	0.462745	0.520389	1.18933	1.15476	0.704746	0.66674	-1.4984	0.634768	0.842464	-1.06105	0.213284	0.559393	-1.78703	0.859599	1.04126	1.04126	0.567959	1.16603	1.16603	0.114567	1.44267	1.44267	0.495438	1.22366	1.22366	0.366744	1.27988	1.27988	1.07891	0.997053	0.790953	1
cg21293585	PACRG;PACRG;PACRG	0.462756	0.0631727	0.524974	-1.90486	0.378851	0.756992	-1.32102	0.921548	1.03084	1.03084	0.190565	1.53329	1.53329	0.711246	0.891671	-1.12149	0.754885	1.10139	1.10139	0.924168	1.02979	1.02979	0.608108	1.17291	1.17291	0.425845	1.26606	1.26606	1.07886	1.62474	1.33865	1
cg06455864	GRM4;GRM4	0.462759	0.758687	0.831831	-1.20217	0.145768	2.54272	2.54272	0.0731779	3.30025	3.30025	0.865035	1.107	1.107	0.379293	0.583355	-1.71422	0.437715	1.60485	1.60485	0.273817	1.97478	1.97478	0.934642	0.952172	-1.05023	0.942709	1.04388	1.04388	1.07885	6.10092	5.02667	1
cg04488445	E2F8	0.462767	0.664187	0.940373	-1.06355	0.615435	0.944685	-1.05855	0.302409	1.32767	1.32767	0.413032	0.889563	-1.12455	0.0844628	1.20767	1.20767	0.413032	0.889563	-1.12455	0.0844628	1.20767	1.20767	0.413032	0.889563	-1.12455	0.0844628	1.20767	1.20767	1.07885	0.30356	0.249054	1
cg14605748	AMOT;AMOT	0.462776	0.49752	1.5852	1.5852	0.975049	0.02114	1.02114	0.653405	0.739145	-1.35292	0.136425	0.341881	-2.925	0.108239	0.309903	-3.22682	0.28398	2.10549	2.10549	0.029766	1.71454	1.71454	0.904213	0.922627	-1.08386	0.71155	0.780013	-1.28203	1.07882	7.64512	6.29915	1
cg18097246	BRSK1	0.462783	0.79308	1.17845	1.17845	0.0780565	0.34253	3.2	0.0731779	2.62658	2.62658	0.0947246	0.707364	-1.41377	0.233725	1.22013	1.22013	0.563204	1.17414	1.17414	0.0466657	0.785479	-1.27311	0.0815564	0.694884	1.44005	1.27502	0.0466657	0.785479	-1.27311	0.0815564	1.07882	2.2208	1.82705	1
cg00894698	ASCL2	0.462786	?	?	?	?	?	0.55264	1.98628	1.98628	0.813404	0.763592	-1.3096	0.375091	0.352643	-2.83573	0.711896	0.654875	-1.52701	0.25382	0.92765	1.07885	0.0846113	0.11292	0.11292	0.877466	1.19241	1.19241	1.07593	16.8734	15.6826	1
cg09363251	YHL;YHL	0.462787	0.871815	1.0639	1.0639	0.42094	1.37079	1.37079	0.239918	0.623737	-1.60324	0.965903	0.983766	-1.0165	0.205108	0.598789	-1.67004	0.223761	0.612446	-1.6328	0.103597	0.534591	-1.87059	0.507897	1.29391	1.29391	0.421889	0.729998	-1.36987	1.0788	2.51411	2.07153	1
cg10590622	PDHA2	0.462792	0.307283	1.30503	-1.59388	0.673399	1.25349	1.25349	0.9202	1.03744	1.03744	0.0997206	0.796397	-1.25572	0.34532	0.897599	-1.11435	0.783979	1.50961	1.50961	0.0146047	0.420786	-2.3765	0.0999107	0.73641	1.36028	1.36028	0.0146047	0.420786	-2.3765	0.0999107	1.07881	12.8641	10.2486	28.2409
cg08842062	FL145079	0.462798	0.840868	1.05376	1.05376	0.579594	0.864377	-1.1569	0.189074	0.696019	-1.43674	0.981963	1.00525	1.00525	0.614644	1.14136	1.14136	0.530995	1.17974	1.17974	0.0457193	1.81596	1.81596	0.895969	1.03466	1.03466	0.732243	0.914432	-1.09357	1.07878	1.15906	0.955037	1
cg09434154	SAG	0.462801	0.546384	1.18453	1.18453	0.0734294	0.647439	-1.05713	0.153859	0.842664	-1.19181	0.221923	0.64255	-1.55611	0.139313	0.966806	-1.03431	0.610784	1.14316	1.14316	0.153083	0.83953	-1.19093	0.604134	0.943203	1.06035	1.06035	0.153083	0.83953	-1.19093	0.604134	1.07878	1.90484	1.59189	1
cg08183877	TRAF3;TRAF3;TRAF3	0.462803	0.618445	1.39755	1.39755	0.558577	0.23089	4.23809	0.168645	2.65867	2.65867	0.902021	0.968756	-1.03225	0.401273	0.570443	-1.75302	0.56019	0.675231	-1.48097	0.759628	1.22701	1.22701	0.943018	0.953464	-1.04881	0.607866	1.708204	-1.41202	1.07877	7.59275	6.2563	1
cg06407082	ZNF532;ZNF532	0.462805	0.462224	1.35941	1.35941	0.117046	2.01081	2.01081	0.100715	2.09095	2.09095	0.261611	1.61655	1.61655	0.727332	1.15444	1.15444	0.966068	0.982699	-1.01761	0.484917	1.33801	1.33801	0.965362	0.982341	-1.01798	0.0999834	2.0949	2.0949	1.07877	2.87594	2.36974	1
cg06306198	DIC1	0.462809	0.352925	1.51403	1.51403	0.188183	1.43505	1.43505	0.0744	2.36765	2.36765	0.558	1.19508	1.19508	0.370827	1.23019	1.23019	0.708827	1.08146	1.08146	0.744	1.08146	1.08146	0.744	0.308666	3.49733	-2.03777	0.0674469	1.41918	1.41918	0.875558	1.42462	1.11669	0.0939712	1.28616	1.47024	1.08777	1
cg02179880	3	0.462807	0.326636	0.473914	-2.11009	0.608003	0.683293	-1.4635	0.944159	1.05301	1.05301	0.217592	2.60243	2.60243	0.595255	0.671972	-1.48816	0.042248	1.78139	-1.6136	0.638722	0.72054	-1.38785	0.712601	0.761233	-1.31366	0.871827	0.887756	-1.12644	1.07876	9.28934	7.65431	1
cg26912363	ANTXR1	0.462812	0.169469	0.284588	-3.51385	0.139041	0.25166	-3.97362	0.314197	0.409135	-2.44418	0.673979	0.695371	-1.43808	0.277287	0.379015	-2.63842	0.191523	0.305049	-3.27816	0.10943	0.223439	-4.4755	0.723053	1.35734	1.35734	0.47857	0.538712	-1.85628	1.07875	12.5961	10.3792	1
cg09887471	PTPN12;PTPN12;PTPN12	0.462816	0.88102	0.971857	-1.03026	0.519352	0.484447	-1.1281	0.127954	0.732952	-1.36475	0.179225	0.761905	-1.31194	0.96071	1.00793	1.00793	0.972593	1.00657	1.00657	0.707996	1.07439	1.07439	0.64236	1.14423	1.14423	0.0798651	1.4481	1.4481	1.07875	0.620644	0.511412	1
cg12673027	TRIM39;TRIM39 PCDH15;PCDH15;PCDH15;PCDH15;PCD H15;PCDH15;PCDH15;PCDH15;PCDH15	0.462816	0.155498	0.28519	-3.50643	0.608229	0.652598	-1.53234	0.235719	0.358522	-2.78923	0.369164	1.03242	1.03242	0.0597031	0.173072	-5.77795	0.927123	1.08452	1.08452	0.754461	1.29562	1.29562	0.504637	0.571845	-1.74873	0.219748	0.344651	-2.90348	1.07874	11.6418	9.59292	1
cg03808835	PCDH15;PCDH15;PCDH15;PCDH15;PCDH15	0.462817	0.81704	0.947288	-1.05565	0.910163	0.97397	-1.02673	0.149022	1.43563	1.43563	0.776131	1.06889	1.06889	0.606808	1.12897	1.12897	0.627211	1.12116	1.12116	0.058516	0.606867	-1.64781	0.519233	0.858406	-1.16495	0.688485	1.09875	1.09875	1.07874	0.932882	0.768698	1
cg23162396	TPRC;TPRC	0.462819	0.447364	1.14781	1.13018	0.558324	1.10985	1.10985	0.204008	1.29219	1.29219	0.840408	-1.24377	0.29904	0.942486	-1.06102	0.954147	1.00915	1.00915	1.00915	0.0818948	0.739142	-1.35292	0.737953	1.05656	1.05656	0.63972	1.07735	1.07735	1.07874	0.426652	0.351565	1
cg12886276	NOL10	0.462821	0.0949357	0.157641	-6.34394	0.0150045	0.530045	-1.96433	0.0552202	0.985248	-1.01497	0.419711	0.456051	-2.29331	0.0656455	0.224959	-4.44461	0.267966	0.312986	-3.19524	0.0238353	0.562363	-1.77821	0.378736	0.622363	-1.60645	0.0238353	0.562363	-1.77821	0.378736	0.622363	-1.60645	1.07874	1.27314	1.24.38	1
cg26305504	ARID3A	0.462828	0.872464	1.10444	1.10444	0.858273	0.895362	-1.11687	0.314003	0.525252	-1.90385	0.520258	0.668312	-1.49631	0.981284	1.01461	1.01461	0.452474	1.60526	1.60526	0.0450468	0.414579	2.41579	0.0455824	1.59944	1.59944	0.572435	0.702788	-1.4229	1.07872	0.653229	0.53874	1
cg14483988	TBC0	0.462828	0.644184	1.44524	1.44524	0.429124	0.71408	1.40008	0.0727457	1.40867	1.40867	0.540022	1.12977	1.12977	0.129071	0.885252	-1.12966	0.267312	1.07802	1.07802	0.762622	1.17408	1.17408	0.0727457	1.40867	1.40867	0.540022	1.12977	1.12977	0.129071	0.885252	-1.12966	1.07872	1.36628	1.36628	0.5538	1.12974	1.12974	1.07872	1.36628	0.5538	1.12974	1.07872	1.36628	0.5538	0.5538	1.12974	1.07872	1.36628	0.5538	1.12974	1.07872	1.36628	0.5538	1.12974	1.07872	1.36628

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	DF(Error)
cg10708671	TIMM44;CTXN1	0.463323	0.372383	0.679089	-1.47256	0.113506	1.98164	0.537819	1.30164	0.812404	0.84626	0.085490	0.085491	0.703677	-1.42111	0.588903	1.29332	1.29332	0.350158	1.50087	0.140875	0.5519566	-1.92468	0.894891	0.945673	-1.05745	1.07777	3.04818	2.51399	1
cg26559797	C1orf105	0.46333	0.564166	0.651182	-1.53567	0.308294	2.172581	2.172558	0.469779	0.582107	-1.7179	0.735486	0.779919	-1.28338	0.740692	0.783199	-1.27681	0.757425	0.796154	-1.25604	0.327899	2.10242	0.632154	1.426	1.426	0.0527743	0.197917	-0.05262	1.07776	9.24153	7.62204	1
cg24498180	C1orf223 CAMK2D;CAMK2D;CAMK2D;CAMK2D;C	0.463335	0.287841	1.37438	1.37438	0.144339	1.5713	1.5713	0.64087	1.14498	1.14498	0.730382	1.10483	1.10483	0.726926	1.10631	1.10631	0.0900151	0.58364	-1.71338	0.997437	1.00093	1.00093	0.907783	1.03396	1.03396	0.430553	0.793061	-1.26094	1.07775	1.41748	1.16909	1
cg06633243	AMK2D;CAMK2D	0.463338	0.586687	0.745186	-1.34195	0.560797	1.37044	-1.30641	0.425006	1.55036	1.55036	0.378833	1.62218	1.62218	0.245529	0.521626	-1.91708	0.835614	0.89464	-1.11777	0.201045	0.4850535	-2.06171	0.125379	2.43208	2.43208	0.976623	0.016551	1.01651	1.07774	4.90037	4.04169	1
cg06478987	MAP3K1	0.463352	0.466732	0.642303	-1.5593	0.658835	0.765458	-1.30641	0.185415	0.431979	-2.31497	0.971527	0.978081	-1.02156	0.0160592	0.232884	-4.29468	0.874041	1.09947	1.09947	0.233012	0.475549	-2.11171	0.85305	1.11721	1.11721	0.654971	0.764255	-1.30846	1.07771	6.08851	5.03	1
cg01793084	LOC153328	0.463353	0.754295	1.09274	1.09274	0.444142	0.802231	-1.24652	0.524284	1.19994	1.19994	0.491518	1.21818	1.21818	0.682012	1.1234	1.1234	0.105363	0.606669	-1.64835	0.362053	0.76749	-1.30295	0.930309	0.975595	-1.02502	0.148378	1.54945	1.54945	1.07771	1.36183	1.12322	1
cg13423882	HLA-DQB1	0.463355	0.0380319	2.01081	2.01081	0.268305	4.62697	4.62697	0.404471	0.939013	-2.94958	0.406469	0.939013	-2.94958	0.406469	0.939013	-2.94958	0.536056	2.2135	2.2135	0.41184	2.89883	2.89883	0.513652	2.31621	2.31621	0.51211	2.32355	2.32355	1.07771	27.4451	22.6365	1
cg01055871	EHD2	0.463361	0.511444	1.44362	1.44362	0.189471	1.15175	2.15175	0.930375	0.953097	-1.04921	0.172695	0.449294	1.22571	0.957972	1.02962	1.02962	0.803806	0.871771	-1.14709	0.0969303	0.366228	-2.73054	0.916951	0.944117	-1.05939	0.422253	0.636389	-1.57137	1.07771	1.58796	4.279	1
cg05964000	USP24	0.463358	0.0729096	0.355206	-2.81527	0.354307	0.610752	-1.63733	0.390447	0.634247	-1.57667	0.856758	0.91075	-1.098	0.695851	0.816054	-1.22541	0.198941	2.01845	2.01845	0.493435	1.43313	1.43313	0.585306	0.752063	-1.32968	0.776451	1.1587	1.1587	1.07777	4.56939	3.76883	1
cg03062587	ABHD8	0.463366	0.214596	0.469804	-2.12852	0.773777	0.89826	1.1035	0.842167	1.12824	1.12824	0.546464	0.668882	-1.49254	0.293561	0.655161	-1.52605	0.702857	0.835258	1.19701	0.0439578	0.1041	9.60784	0.405205	1.74251	1.57421	0.547265	0.722833	-1.38345	0.607769	4.84734	3.99815	1
cg16983282	GAS7;GAS7;GAS7	0.463367	0.790703	1.12284	1.12284	0.26461	1.65938	1.65938	0.433392	1.41653	1.41653	0.932192	1.03776	1.03776	0.876311	1.0702	1.0702	0.514393	1.33375	1.33375	0.0715541	0.416256	-2.40237	0.345396	1.52697	1.52697	0.394891	0.68417	-1.46162	1.07768	3.23827	2.67097	1
cg22949256	SGIP1	0.463371	0.760375	1.11652	1.11652	0.132863	1.79164	1.79164	0.468882	1.30014	1.30014	0.536584	1.25291	1.25291	0.248055	0.647209	-1.5452	0.59944	1.2104	1.2104	0.145577	1.75597	1.75597	0.170915	1.68155	1.68155	0.483555	1.29245	1.29245	1.07768	2.15173	1.82758	1
cg13133598	MAP7	0.463384	0.665785	1.24896	1.24896	0.108539	2.05063	2.05063	0.886496	1.26821	2.63302	2.63302	0.117583	2.08824	2.08824	0.910389	0.944032	-1.05929	0.719205	0.831365	-1.20284	0.522468	1.9318	1.9318	0.547073	1.36578	1.36578	0.131857	2.29793	2.29793	1.07765	4.46645	3.68411	1
cg26053066	WNK2	0.463387	0.798563	0.842008	-1.18764	0.824329	1.16125	1.16125	0.815727	1.16955	1.16955	0.812904	1.17285	1.17285	0.867303	0.280219	-3.56863	0.465398	0.606797	-1.648	0.129012	0.33185	-3.01341	0.794967	0.839357	-1.19139	0.0952975	0.291599	-3.42937	1.07765	7.7174	6.36564	1
cg24989185	PLAG12	0.463409	0.176288	0.402217	-2.48624	0.10562	0.326311	-3.06456	0.742415	0.814545	-1.23236	0.235859	0.455227	-2.19676	0.247055	0.464512	-2.1528	0.627918	1.3626	1.3626	0.133119	0.598268	-1.67202	0.113114	0.933344	-1.07142	0.471675	0.628888	-1.59013	1.0776	6.84994	5.64994	1
cg04464946	PTPRR;PTPRR	0.463412	0.640977	1.11132	1.11132	0.53489	0.868285	-1.1517	0.578289	1.13451	1.13451	0.837597	1.0472	1.0472	0.749917	1.07451	1.07451	0.599167	1.12659	1.12659	0.0408747	0.588358	-1.66965	0.678101	0.910464	-1.09834	0.310233	1.26614	1.26614	1.07776	0.86197	0.711022	1
cg04040865	ZCSH3	0.463442	0.41077	0.572948	-1.74536	0.547578	1.49618	1.49618	0.854081	1.12868	1.12868	0.126963	0.619537	0.717935	-1.39288	0.0120807	0.231542	-4.31887	0.957266	0.965145	-1.03611	0.151242	0.362175	-2.7611	0.263142	0.461924	-2.16486	0.871706	0.898525	-1.11284	1.07758	7.48072	6.17079	1
cg03737736	PPAPDC3	0.463442	0.087987	0.361745	-2.76301	0.152312	0.842841	-1.18646	0.941688	0.961264	-1.0403	0.223163	0.500961	-1.99616	0.078644	0.344237	-2.90533	0.704579	0.814071	-1.22839	0.462911	0.6079	-1.64508	0.156318	0.440908	-2.26804	0.629653	0.769206	-1.30004	1.07756	4.9771	4.10565	1
cg18573884	SMAGP;SMAGP;DAZAP2	0.463436	0.472486	0.766014	-1.30546	0.957478	0.980739	-1.01964	0.746764	0.888534	-1.12545	0.689553	0.863754	-1.15774	0.0448484	0.431752	-2.31615	0.200262	0.610474	-1.63807	0.193057	0.60505	-1.65276	0.980777	1.00883	1.00883	0.203947	0.613202	-1.63078	1.07755	2.27072	1.87315	1
cg08775624	CHCHD3	0.463436	0.377405	0.685099	-1.45775	0.90627	0.998742	-1.00126	0.128809	0.505012	-1.98015	0.749327	0.872971	-1.14617	0.46554	0.734105	-1.3622	0.82318	0.91057	-1.09763	0.0730264	0.279847	2.28387	0.921655	1.04179	1.04179	0.742958	1.1467	1.1467	1.07755	2.95633	2.43872	1
cg13504283	DACT2	0.463437	0.32601	0.625082	-1.59979	0.592758	1.28421	1.28421	0.519671	0.739033	-1.35182	0.889347	0.920573	-1.08628	0.043301	0.318509	-3.13963	0.573816	0.768499	-1.30124	0.192342	0.527626	-1.89528	0.501523	0.729009	-1.37172	0.559002	0.758812	-1.31785	1.07755	3.66379	3.02233	1
cg12435798	LG2	0.463441	0.889204	1.04278	1.04278	0.683109	1.13327	1.13327	0.970315	0.993486	-1.00656	0.624895	0.97298	1.07298	0.174456	1.2888	1.2888	0.420826	0.865467	-1.15546	0.219769	0.797234	-1.25454	0.0385865	0.749664	-1.3339	0.454336	0.874729	-1.14321	1.07754	0.526318	0.443471	1
cg04615859	CYB5D1;LSMD1	0.463441	0.921373	0.964832	-1.03645	0.127193	1.81875	1.81875	0.206866	1.6048	1.6048	0.603254	1.20941	1.20941	0.638313	1.18731	1.18731	0.495769	0.778176	-1.28506	0.957099	1.0197	1.0197	0.140149	0.562398	-1.7781	0.482857	1.29513	1.29513	1.07754	2.24407	1.85118	1
cg10363005	KIRREL3;KIRREL3	0.463447	0.368521	0.536428	-1.86418	0.12395	1.07543	1.07543	0.338494	1.9451	1.9451	0.9689	1.02734	1.02734	0.279219	0.46879	-2.13315	0.933278	0.945101	-1.05809	0.217418	0.416846	-2.39897	0.506184	1.57593	1.57593	0.655376	0.738663	-1.3538	1.07753	7.75997	6.40144	1
cg03801901	PPP1R3F9	0.463454	0.31428	2.03151	2.03151	0.0888324	2.87532	2.87532	0.197384	2.49678	2.49678	0.830823	0.866177	1.17001	0.231884	0.588972	-1.69861	0.291257	2.0868	2.0868	0.20133	1.82703	1.82703	0.125742	1.27542	1.27542	0.353026	0.737956	-1.35509	0.817565	0.856281	-1.16784	1.0752	7.69474	6.34771	1
cg06843231	PDZD2	0.463446	0.312874	1.40781	1.40781	0.547683	0.819264	-1.22061	0.168234	0.618084	-1.6179	0.673968	0.870538	-1.14871	0.144711	0.598535	-1.67075	0.76958	1.10274	1.10274	0.420294	1.30968	1.30968	0.205158	0.645324	-1.54961	0.940189	0.975712	-1.02489	1.0775	1.8321	1.51139	1
cg00788028	RERE;RERE	0.463465	0.655384	0.814558	-1.22793	0.930223	1.09388	1.09388	-1.09771	0.138481	1.12165	1.12165	0.128604	-1.37234	0.801325	1.05138	1.05138	0.711186	0.773832	-1.29236	0.413169	0.189955	1.31761	1.31761	0.325973	1.30217	1.30217	0.113651	1.2826	1.2826	1.0773	0.957863	0.755855	1
cg04555836	MYO6	0.463467	0.477862	1.11954	1.11954	0.475483	1.12025	1.12025	0.227925	1.21902	1.21902	0.669737	1.06944	1.06944	0.375285	1.19504	1.19504	0.254439	1.20468	1.20468	0.263584	0.830774	-1.2037	0.831327	1.03394	1.03394	0.0916888	1.33721	1.33721	1.07749	0.417869	0.344727	1
cg17361163	EMID2	0.463471	0.23942	1.72508	1.72508	0.410811	1.44536	1.44536	0.495383	1.35419	1.35419	0.398349	1.46043	1.46043	0.72284	1.16879	1.16879	0.163111	1.91939	1.91939	0.791156	0.89026	-1.12327	0.727679	1.16545	1.16545	0.0391422	2.84487	2.84487	1.07749	3.27354	2.70056	1
cg07134286	ARHGEF6	0.463476	0.184636	0.440329	-2.27105	0.271	0.727251	-1.37506	0.627441	1.14033	1.14033	0.779	0.784759	1.33893	0.326767	0.764559	-1.30811	0.152152	0.387801	-2.57864	0.581879	1.38291	1.38291	0.0647356	0.898716	-1.1127	0.621784	0.748361	-1.33626	1.07745	5.79873	4.7839	1
cg14528916	CACNA1E	0.463489	0.266396	1.40122	1.40122	0.941299	0.978774	-1.02169	0.660767	1.13729	1.13729	0.926341	1.0273	1.0273	0.35112	0.757968	1.33912	0.451313	1.25053	1.25053	0.0480241	0.193143	0.875684	1.04666	1.04666	0.462502	0.804222	-1.24344	1.07745	1.44818	1.19473	1
cg14488313	SDHAP2	0.463492	0.597319	0.787459	-1.26995	0.82558	0.72458	-1.38047	0.965762	0.98617	-1.00656	0.624895	0.973563	1.08384	0.0874245	0.313807	-3.18627	0.882405	0.951914	-1.05056	0.468485	0.72098	-1.38693	0.0872451	0.88022	0.88022	0.0483115	1.15914	1.15914	1.07745	0.526318	0.443471	1
cg22490780	MYO10	0.463515	0.339417	0.602341	-1.66019	0.606365	1.30682	1.30682	0.51362	0.711025	-1.40642	0.983766	0.989581	-1.01053	0.126506	0.426979	-2.34203	0.0626792	0.340137	-2.93999	0.254507	0.541966	-1.84513	0.821798	0.890347	-1.12316	0.865917	1.0909	1.0909	1.0774	4.52289	3.73152	1
cg23480284	DPF1	0.463522	0.05348	0.756366	-1.32211	0.854994	0.976979	-1.02356	0.9459	1.00868	1.00868	0.531935	1.08394	1.08394	0.248805	0.857726	-1.16587	0.36221	0.887602	-1.12663	0.190466	0.838192	-1.19304	0.503174	0.917135	-1.09035	0.38974	0.893858	1.11875	1.07739	0.276567	0.228178	1
cg22632017	ERBB2;PGAP3	0.463524	0.654648	1.09252	1.09252	0.287489	1.16445	1.16445	0.887854	1.07284	1.07284	0.546158	1.14085	1.14085	0.597057	1.08889	1.08889	0.852504	1.02726	1.02726	0.814417	1.03573	1.03573	0.814749	1.13733	1.13733	0.283284	1.18902	1.18902	1.07738	0.841535	0.339535	1
cg05020625	TTBK1	0.463527	0.48536	1.63915	1.63915	0.322107	2.04002	2.04002	0.709653	0.77052	-1.29782	0.453387	0.587197	-1.70301	0.591429	1.45891	1.45891	0.227065	2.42048	2.42048	0.139545	3.02909	3.02909	0.105039	3.43715	3.43715	0.812712	0.84752	-1.17991	1.07738	8.2903	6.8399	1
cg04535388	CTBP2;CTBP2;CTBP2	0.463528	0.811507	1.04663	1.04663	0.155643	1.18569	1.18569	0.263699	1.16304	1.16304	0.262106	1.16958	1.16958	0.207092	1.43321	1.43321	0.0757067	2.13603	2.13603	0.0255983	2.76076	2.76076	0.0257147	2.17603	2.17603	0.0254465	2.82402	2.82402	2.21447	0.72765	0.60319	1
cg06806638	CHD7	0.463534	0.282578	0.441183	-2.26663	0.929316	0.703748	-1.06718	0.683506	1.39039	1.35039	0.348212	0.492728	-2.09252	0.529548	0.624326	-1.60173	0.657151	0.720813	-1.38732	0.0312004	0.156791	-6.37093	0.863036	0.879162	-1.13745	0.274015	0.434229	-2.30293	1.07735	9.1643	7.56118	1
cg21074213	TGFBR3;TGFBR3	0.463541	0.876329	0.962884	-1.03855	0.0316162	0.54225	-1.84417	0.431408	1.21534	1.21534	0.73095	0.919587	-1.08745	0.415233	0.816151	-1.22526	0.894454	0.968277	-1.03276	0.598379	1.13779	1.13779	0.577768	1.14633	1.14633	0.923113	0.976828	-1.02372	1.07735	1.00641	0.830359	1
cg01748346	CAUM3	0.463546	0.322662	1.30767	1.30767	0.606284	0.926433	-1.14622	0.969821	0.979494	-1.02123	0.690737	0.950264	1.11475	0.0964422	0.182377	-5.48355	0.724108	0.760726	-1.31451	0.256982	0.376507	-2.65663	1.15256	1.15256	1.15256	0.0403202	-1.21447	0.827365	1.2365	1.07735	0.706317	1
cg05597838	SYT17	0.463552	0.526983	1.27118	1.27118	0.106504	1.93435	0.716584	1.94276	1.33049	0.715384	1.94276	1.33049	0.715384	1.94276	1.33049	0.715384	0.286035	1.514	1.514	0.0631897	2.18631	2.18631	0.127847	1.69769	1.69769	0.347753	1.43605	1.43605	1.07733	2.39094	1.97273	1
cg11207852	CDC7;CDC7;CDC7	0.463558	0.602203	0.8904	-1.12306	0.7496	1.34706	1.34706	0.144261	1.31965	1.31965	0.188972	1.37001	1.37001	0.213588	1.32628	1.32628	0.279744	1.3221	1.3221	0.215838	1.62028	1.62028	0.0756016	1.30887	1.30887	0.29971	0.955701	-1.04625	0.163469	1.0391	1.07731	0.844278	0.6202	1
cg07436701	MMRN2;SNCG	0.463563	0.699522	1.23	1.23	0.867647	0.914821	-1.09311	0.722129	0.826468	-1.20997	0.823272	0.887454	-1.12682	0.405144	1.5756	1.5756	0.150934	2.27411	2.27411	0.0469085	3.36748	3.36748	0.316325	1.73841	1.73841	0.904318	0.937828	-1.06629	0.73731	0.864121	4.011	1
cg15237923	CSMD1	0.463564	0.349985	0.960392	-1.04124	0.612353	0.919463	-1.08671	0.813597	1.10033	1.09023	0.960664	1.00503	1.01503	0.981503	0.892574	-1.12035	0.666269	0.946656	-1.05695	0.167982	0.189955	1.31761	1.31761	0.325973	1.30217	1.30217	0.113651	1.2826	1.2826	1.0773	0.723955	0.524722	1
cg14676666	CSorf51	0.463566	0.453452	1.18446	1.18446	0.170023	1.63868	1.63868	0.259086	1.2982	1.2982	0.21302	1.81268	1.81268	0.133683	0.699717	-1.42969	0.725023	0.924704	-1.08143	0.290034	0.942562	-1.06094	0.557626	1.60967	1.60967	0.268522	1.29254	1.29254	1.07733	0.838292	0.69168	1
cg22228677	PEMT	0.463572	7	?	?	0.433363	1.64379	1.64379	0.423722	1.66185	1.66185	0.243034	0.467921	-2.13711	0.621916	1.36208	1.36208	0.355051	0.553527	1.8066	0.216337	2.24521	2.24521	?	?	?	0.435946	0.610119	-1.63903	1.07729	0.53804	5.44065	1
cg22036412	SCD5;SCD5	0.463573	0.22505	0.804038	-1.24373	0.508103	1.1767	1.1767	0.0810586	1.18215	1.18215	0.585462	0.910345	-1.09854	0.0970359	0.313807	-3.18627	0.152152	0.387801	-2.57864	0.581879	1.38291	1.38291	0.0647356	0.898716	-1.1127	0.621784	0.748361	-1.33626	1.07729	5.79873	4.7839	1
cg05162281	ANKRD33B	0.463582	0.569422	1.16353	1.16353	0.504808	1.19516	1.19516	0.556353	0.854933	-1.16968	0.788508	1.07339	1.07339	0.106563	0.62864	-1.59074	0.984378	1.00517	1.00517	0.107309	1.58888	1.58888	0.489553	1.20312	1.20312	0.555674	0.854697	-1.17001	1.07727	1.18395	0.976909	1
cg04421631	RYBP	0.463584	0.475373	1.60615	1.60615	0.0552	0.889608	0.869893	-1.14957	0.697524	0.971327	-1.02952	0.287133	0.920976	-1.08578	0.416732	1.06377	1.06377	0.548199	0.954754	1.04805	0.240627	1.09582	1.09582	0.818469	1.07727	1.07727	0.665212	1.03298	1.03298	0.0246478	0.078097	1
cg00638797	GNB5;GNB5	0.463589	0.424624	0.478797	-2.08857	0.163778	1.82735	1.82735	0.0814599	1.5	1.5	0.0999	1.56858	1.56858	0.0999	1.56858	0.0999	0.636926	1.53638	1.53638	0.0816779	1.80496	1.80496	0.24229	0.877581	0.880931	-1.14938	0.573807	0.598512	-1.67081	1.07729	1.91985	1.49468	1
cg24378945	KBTBD3;KBTBD3;AASDHPPT	0.463591	0.970365	1.00957	1.00957	0.329705	0.727233	-1.29412	0.31642	1.30407	1.30407	0.856039	0.954518	-1.04765	0.208193	0.711685	-1.40512	0.397301	1.24878	1.24878	0.178719	0.69337	-1.44223	0.203938	0.709159	-1.41012	0.660358	1.12002	1.12002	1.07725	1.12097	0.924962	1
cg05829482	MAP2	0.463598	0.61725	0.65578	-1.52535	0.374	1.04077	-1.04077	0.163793	1.17726	1.17726	0.276733	0.962134	-1.03956	0.0797057	0.88897	-1.12488	0.710562	0.772228	1.29564	0.0154422	0.10582	0.10582	0.0010	0.744795	1.34275	0.0209	0.838564	1.19192	1.19192	1.07725	0.841535	0.339535	1
cg02577394	CDL4A2	0.463604	0.219313	0.700731	-1.42708	0.490458	1.21269	1.21269	0.407852	1.26248	1.26248	0.26794	0.693084	-1.44283	0.398514	0.788226	-1.26867	0.813085	0.936871	-1.06738	0.164958	1.50352	1.50352	0.898229	1.03586	1.03586	0.431928	0.802666	-1.24585	1.07723	1.29308	1.067	1
cg17328833	RFX1	0.463606	0.490401	1.16077	1.16077	0.481745	0.854336	-1.1705	0.05735	0.622921	-1.60534	0.801971	0.964175	-1.05689	0.532501	0.870057	-1.14935	0.241208	0.763295	-1.31011	0.667782	0.909326	-1.09972	0.293877	1.27088	1.27088	0.788002	0.942603	-1.06089	1.07722	0.827003	0.682415	1
cg13944395	DCAF10	0.463612	0.803004	0.2099	1.0299	0.478245	1.08871	1.08871	0.207655	1.16956	1.16956	0.554411	1.07309	1.07309	0.120726	0.820052	-1.21943	0.365576	1.1582	1.1582	0.289654	1.13833	1.13833	0.248949	1.16048	1.16048	0.484498	1.08735	1.08735	1.07721	0.237082	0.195634	1
cg08682723	CMIP;CMIP	0.463616	0.829608	1.05437	1.05437	0.937742	0.980993	-1.01938	0.144894	0.680712	-1.46905	0.794977	0.924284	-1.08192	0.5459	0.860587	-1.162	0.661914	0.897548	-1.11415	0.360778	1.2596	1.2596	0.0502408	0.577918	-1.73035	0.533636	0.856527	-1.16751	1.07721	1.02954	0.84956	1
cg03320005	PCMTD2;PCMTD2	0.463621	0.399319	1.30262	1.30262	0.574345	0.874367	-1.06284	0.173945	0.876262	-1.14096	0.740746	0.910534	-1.09854	0.0970345	0.313807	-3.18627	0.931477	1.0547	1.0547	0.0847324	1.36192	1.36192	0.0883328	0.894322	-1.11817	0.183864	0.905067	0.890723	1.07724	0.74989	0.60709	1
cg08203840	CTBP2;CTBP2;CTBP2	0.463628	0.772156	0.805053	-1.24215	0.28091	2.30961	2.30961	0.10853	3.69686	3.69686	0.190888	2.81346	2.81346	0.215511	0.408702	-2.44677	0.890449	0.90219	-1.10841	0.664215	1.38572	1.38572	0.279584	2.31363	2.31363	0.811596	1.19525	1.19525	1.07718	9.51692	7.85334	1
cg26970242	CCM2;CCM2;CCM2;CCM2	0.463633	0.35194	1.32275	1.32275	0.567317	0.962497	0.962497	0.0906251	1.08014	1.08014	0.197403	1.05683	1.05683	0.0445288	0.905723	-1.10402	0.447276	0.752162	1.33001	0.0454208	0.190512	0.190512	0.0010	0.744795	1.34275	0.0209	0.838564	1.19192	1.19192	1.07717	0.841535	0.339535	1
cg21215818	DENND1A;DENND1A	0.463648	0.66232	0.841139	-1.18886	0.281382	0.643549	-1.55388	0.640158	1.20365	1.20365	0.860199	0.932952	-1.07187	0.103696	0.496322	2.01482	0.441709	0.734303	-1.36184	0.140946	0.536114	-1.86528	0.122803	0.517767	-1.93137	0.83839	1.08372	1.08372	1.07714	2.64403	2.18192	1
cg01569984	CACNA2D3	0.463649	0.838454	1.18939	1.18939	0.768195	0.795502	-1.25707	0.539223	0.589691	-1.6958	0.830915	1.19921	1.19921	0.592604	0.770164	-1.29843	0.949535	1.05525	1.05525	0.0792779	5.23422	5.23422	0.026451	0.223633	-4.4716	0.428685	1.1867	1.1867	1.07714	12.3147	10.1625	1
cg12608794	GSK3B;GSK3B	0.463651	0.181049	0.729424	1.37096	1.465	1.465	1.46511	1.2112	1.42625	1.42625	0.848007	1.17924	1.17924	0.651262	0.848007	-1.17924	0.215852	0.485407	2.06061	0.0454422	0.21582	0.21582	0.0010	0.744795	1.34275	0.0209	0.838564	1.19192	1.19192	1.07713	0.841535	0.339535	1
cg23009449	INPP5A	0.463659	0.809597	1.17812	1.17812	0.0521887	0.448035	0.448035	0.0770599	3.79995	3.79995	0.983882	1.01381	1.01381	0.993866	1.00523	1.00523	0.906498	1.08306	1.08306	0.258331	2.22767	2.22767	0.786114	1.20286	1.20286	0.88832	1.10012	1.10012	1.07712	7.86664	6.4919	1
cg17328833	RFX1	0.463666	0.377739	0.869954	-1

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 12T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	df
qd07303091	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.463956	0.50172	0.74923	0.33468	0.66746	0.418367	-2.39025	0.211315	0.572594	-1.74644	0.972767	1.01456	1.01456	0.142405	1.51354	0.767342	1.13385	0.13858	1.3017	1.3017	0.76124	1.16723	1.16723	0.604161	1.24788	1.24788	0.76555	1.05665	2.52382	1
qc23995769	PIK3	0.463958	0.45672	1.20731	1.20731	0.76027	0.926754	-1.07903	0.0801288	0.637201	-1.62022	0.490177	1.19031	1.19031	0.813151	0.942846	-1.06062	0.430537	1.22138	1.22138	0.947936	1.01636	1.01636	0.624462	1.13047	1.13047	0.149147	0.680795	-1.46887	1.07655	1.05332	0.869709	1
qa47404646	HLA-DQA1	0.463966	0.986924	1.01647	1.01647	0.401582	0.424939	-2.35328	0.112887	0.17905	-1.58504	0.176015	1.23832	1.23832	-4.196	0.636048	0.621792	-1.60833	0.943567	0.931862	-1.07231	0.0727761	0.135974	-7.35436	0.808042	1.2746	1.2746	0.748848	1.37722	1.37722	0.76553	1.16924	1.16924	0.76555	1.13982	1.13982	1
qc26482745	DEFB127	0.463967	0.831482	1.0741	1.0741	0.851283	0.985398	-1.06498	0.102469	0.564165	-1.77253	0.368842	0.732858	-1.36452	0.040861	1.51389	1.51389	0.801858	1.08801	1.08801	0.18337	1.61246	1.61246	0.912693	0.963884	-1.03747	0.408699	1.32892	1.32892	1.02994	1.90588	1.3563	1
qc56330958	ABHD12;ABHD12	0.463974	0.635741	1.21652	1.21652	0.597011	1.32496	1.32496	0.683178	1.91337	1.91337	0.691118	1.88048	1.88048	0.651666	2.05159	2.05159	0.098106	0.0567529	-17.6202	0.128959	0.0746949	-13.3878	0.426378	3.61204	3.61204	0.483176	3.08599	3.08599	0.76552	42.6308	35.2006	1
qc10024987	SPIB2	0.463979	0.839311	1.07534	1.07534	0.635553	0.842989	-1.18626	0.54311	0.802342	-1.24635	0.638353	1.18455	1.18455	0.0555088	0.460056	-2.17365	0.757733	1.11705	1.11705	0.164361	1.7003	1.7003	0.615907	1.19837	1.19837	0.785572	0.907043	-1.10248	0.76551	2.18227	1.80193	1
qc19344825	ISOC2;ISOC2;ISOC2	0.463999	0.152793	0.659434	-1.51478	0.873227	1.04898	1.04898	0.811822	0.93641	-1.06791	0.51816	1.19779	1.19779	0.899207	1.03553	1.03553	0.650916	0.881857	-1.13397	0.146181	0.651185	-1.53566	0.118975	0.627395	-1.59389	0.215078	0.698021	-1.43262	1.07647	1.29392	1.06845	1
qc00725499	SAT1;SAT1;SAT1	0.464004	0.215139	0.826316	0.42658	0.834539	0.820845	-1.21826	0.773513	1.31304	0.070775	0.62746	0.71247	0.94019	0.701726	0.605423	1.14204	0.167312	0.249239	-4.01221	0.804346	0.791149	-1.26399	0.701725	0.695443	-1.43793	0.927287	0.917456	1.18897	1.67447	1.15877	12.5412	1
qc17112695	AGAP2;AGAP2	0.464008	0.884591	1.04898	1.04898	0.139713	1.68751	1.68751	0.260821	1.4713	1.4713	0.374636	1.34992	1.34992	0.797137	1.08852	1.08852	0.169074	1.61998	1.61998	0.0515985	2.07401	2.07401	0.764627	1.10392	1.10392	0.494707	1.25647	1.25647	1.07645	1.84827	1.52623	1
qc18116160	GABBR1;GABBR1;GABBR1	0.464016	0.578233	1.15436	1.15436	0.324057	1.01242	1.01242	0.816216	1.03632	1.034457	1.0163	1.03632	1.046393	0.795858	1.05896	0.884473	1.02026	0.992691	1.00183	0.953525	1.53903	1.53903	0.939593	1.00662	1.00662	0.552179	0.883015	1.11248	1.07644	0.659127	0.544287	1
qc28180245	CAPN5	0.464026	0.991738	0.99774	-1.00227	0.148092	1.40365	1.40365	0.0806521	0.654813	-1.52715	0.841506	1.04473	1.04473	0.918341	1.12326	1.12326	0.534461	1.14739	1.14739	0.807591	1.05477	1.05477	0.293842	0.788235	-1.86266	0.796264	0.945025	-1.05817	1.07642	0.814217	0.672368	1
qc02785561	MSRA;MSRA;MSRA	0.464035	0.0722514	0.260122	-3.84435	0.933109	0.945369	-1.05779	0.993281	1.00098	1.00098	0.449705	0.580207	-1.6972	0.147933	0.932772	-2.83469	0.294364	0.481891	-2.07555	0.193725	0.167342	1.05742	0.117788	0.319837	-3.1262	0.532339	0.653993	-1.52907	0.7364	0.624916	6.34314	1
qc04250451	RUNX3;RUNX3	0.464039	0.455854	1.44876	1.44876	0.537278	0.737184	-1.35651	0.1034197	2.38543	2.38543	0.260932	1.77233	1.77233	0.75156	1.16769	1.16769	0.421535	0.669799	-1.49299	0.917396	0.950623	-1.05194	0.158334	2.08779	2.08779	0.332578	1.62888	1.62888	1.07639	4.06164	3.35411	1
qc11458533	SND1	0.464047	0.77862	1.27294	1.27294	0.303927	0.401821	-2.48867	0.821772	0.824313	-1.21313	0.30063	2.50537	2.50537	0.58181	1.61013	1.61013	0.921509	1.08006	1.08006	0.101997	4.63051	4.63051	0.179804	3.38689	3.38689	0.208139	3.1155	3.1155	1.07638	12.5002	10.3229	1
qc14660163	RBMS1;RBMS1	0.464065	0.219978	0.49005	-2.43365	0.949173	0.212291	-4.7251	0.123152	0.316064	-3.16392	0.507656	0.0932955	-1.00467	-4.66656	0.578351	-1.72844	0.307788	0.482874	-2.07093	0.424408	0.569744	-1.75518	0.550551	0.659361	-1.51662	0.984128	0.986376	-1.01381	1.06737	0.610679	6.60475	1
qc02116864	PWWP2B;PWWP2B	0.464053	0.530052	0.805036	-1.24218	0.412849	1.33034	1.33034	0.326594	1.4124	1.4124	0.876343	1.05452	1.05452	0.107832	0.549791	-1.81887	0.48986	1.27016	1.27016	0.213981	1.56218	1.56218	0.388445	0.739819	-1.35168	0.920568	1.03459	1.03459	1.07637	1.98146	1.63633	1
qc00129269	ARFS	0.464058	0.341286	1.30351	1.30351	0.455672	1.12799	1.12799	0.295145	0.745671	-1.34107	0.367722	1.28415	1.28415	0.99691	0.998071	-1.00303	0.936856	1.02165	1.02165	0.0711983	0.580183	-1.72359	0.53457	1.18532	1.18532	0.663468	1.1235	1.1235	1.07636	1.24555	1.02861	1
qc22084136	UBP1;UBP1;UBP1	0.464063	0.577241	-1.88983	-1.13124	0.718864	1.08399	1.08399	0.146964	0.709578	-1.46929	0.238669	1.78185	-1.3103	0.590802	0.813421	-1.22938	0.960015	0.990713	-1.00937	0.0707399	0.642617	-1.55614	0.187483	0.736453	-1.35786	0.853092	0.960219	-1.04143	1.07635	0.817502	0.675124	1
qc01954320	NSUN2	0.464064	0.330932	0.620105	-1.61263	0.933348	1.04065	1.04065	0.815715	0.894751	-1.11763	0.173693	0.501833	-1.99269	0.0744588	0.388026	-2.57715	0.14908	0.478533	-2.08972	0.572709	1.31195	1.31195	0.994326	1.00339	1.00339	0.45634	0.696717	-1.4353	1.07635	3.86818	3.1945	1
qd08437835	MOSPD2;FANCB;FANCB	0.464079	0.273759	0.351455	-2.84585	0.970802	0.956684	-1.04536	0.378525	1.50892	1.50892	0.115371	0.796343	0.796343	0.448026	0.910058	-1.09899	0.113384	0.123904	-8.07076	0.533196	0.462685	-2.16074	0.755326	1.44009	-1.14142	0.79532	1.44069	0.93056	0.899746	-1.11142	0.79532	25.0452	20.6839	1
qc26561785	MIR34B;BTG4;MIR34C	0.464088	0.167844	1.73669	1.73669	0.87476	0.942489	-1.06102	0.76123	0.891861	-1.12125	0.943115	0.973558	-1.02716	0.40062	0.729317	-1.38137	0.676489	0.854211	-1.17067	0.78037	0.900353	-1.11068	0.0991513	1.97156	1.97156	0.180591	1.70554	1.70554	1.0763	2.40372	1.98517	1
qc15737257	CHCHD3	0.464089	0.267838	0.681883	-1.46083	0.46553	0.415566	1.15566	0.913455	1.08233	1.08233	0.743845	1.85251	1.85251	0.562155	1.22449	1.22449	0.188093	0.630456	-1.58615	0.0933725	0.107942	1.00796	0.0805515	1.14716	1.14716	0.754452	1.10964	1.10964	1.07634	1.87414	1.54783	1
qc12912258	SLC22A4;SLC22A4	0.464112	0.116116	0.505102	-1.9798	0.39669	0.706718	-1.41499	0.478622	1.33389	1.33389	0.684308	1.17762	1.17762	0.390911	0.703562	1.42134	0.896782	1.05328	1.05328	?	?	?	0.212421	1.69095	1.69095	0.554132	1.27041	1.27041	1.06793	2.40498	2.25201	1
qc07785076	KIF9;KIF9;KIF9;KLHL18	0.464112	0.0960425	0.39487	1.89487	0.776009	0.105438	-1.10444	0.19114	0.61632	-1.62653	0.961091	1.00611	1.00611	0.732781	0.887061	-1.12732	0.864303	0.941941	-1.06164	0.2432093	1.53255	1.53255	0.314374	0.7566	-1.3217	0.439761	1.31723	1.31723	1.07625	2.08426	1.72142	1
qc06497736	NUP62;NUP62;NUP62;NUP62;NUP62;IL4I1	0.464119	0.542513	1.08295	-2.43365	0.949173	0.212291	-4.7251	0.123152	0.316064	-3.16392	0.507656	0.0932955	-1.00467	-4.66656	0.578351	-1.72844	0.307788	0.482874	-2.07093	0.424408	0.569744	-1.75518	0.550551	0.659361	-1.51662	0.984128	0.986376	-1.01381	1.06737	0.610679	6.60475	1
qd18114941	C5orf25	0.464123	0.8006397	0.92099	-1.08579	0.272179	0.682227	-1.46579	0.186032	0.625577	-1.59852	0.557403	1.21959	1.21959	0.380901	1.35079	1.35079	0.335156	1.39448	1.39448	0.170477	1.62965	1.62965	0.408908	1.32655	1.32655	0.835699	0.932879	-1.07195	1.07623	1.90788	1.57577	1
qd74728180	LRP5	0.464132	0.9225643	0.9743	-1.02637	0.803655	0.74956	1.35956	0.397655	1.07124	1.07124	0.930587	1.03126	1.03126	0.792034	1.03153	-1.07339	0.834035	0.945323	-1.05784	0.132169	1.54575	1.54575	0.928007	0.973583	-1.02715	0.705227	0.903174	-1.10721	1.07621	1.23402	1.01097	1
qd24668080	KCNH8	0.464134	0.170895	0.497316	-2.01079	0.795471	1.882986	-1.13252	0.850649	0.913655	-1.0945	0.227301	0.544872	-1.83529	0.565941	1.32047	1.32047	0.581103	0.765684	-1.30602	0.180213	1.97738	1.97738	0.521598	0.73257	-1.36506	0.2663	1.74174	1.74174	1.0762	1.91182	1.32098	1
qc05438727	KCNQ1;KCNQ1	0.464152	0.571407	0.821227	-1.21769	0.109802	0.54866	-1.82262	0.44856	0.766481	-1.30466	0.521421	0.799484	-1.25081	0.0887159	0.523825	-1.90903	0.160048	0.59637	-1.67681	0.349006	0.7174488	-1.39375	0.318677	0.701246	-1.42603	0.655411	1.16728	1.16728	1.07618	2.02112	1.66939	1
qc24285491	GPN2	0.464162	0.878801	1.02795	1.02795	0.87803	0.927074	-1.08569	0.625376	0.852525	-1.17295	0.852525	0.946343	0.946343	0.448026	0.910058	-1.09899	0.659135	0.923301	-1.08307	0.442273	0.8486328	-1.17841	0.917964	1.0816	1.0816	0.761668	1.22626	-1.15124	0.932896	1.07616	0.955788	0.454943	1
qc06537575	SVOPL;SVOPL	0.464164	0.575703	0.910254	-1.09859	0.288413	0.832538	-1.20115	0.457226	1.13417	1.13417	0.859083	1.02999	1.02999	0.89925	1.02778	1.02778	0.396	1.15552	1.15552	0.0391279	1.48737	1.48737	0.971808	1.00589	1.00589	0.915218	1.01787	1.01787	1.07615	0.471343	0.389324	1
qd60244111	FBLN7;FBLN7	0.464177	0.8339931	1.02103	1.02103	0.849995	0.955404	-1.02015	0.453283	1.15301	1.15301	0.955948	1.02785	1.02785	0.642469	0.902561	-1.10825	0.844266	0.880093	-1.13636	0.0818355	1.44866	1.44866	0.880359	1.14086	-1.14086	0.56997	1.14086	-1.14086	1.07612	0.541207	0.474554	1
qc13523072	CDA5Y;CDA5Y;CDA5Y;CDA5Y;CDA5Y	0.464189	0.0461527	0.458635	-2.18038	0.301885	0.69426	-1.44038	0.465251	1.28859	1.28859	0.595882	0.833096	-1.20034	0.340471	0.715228	-1.39816	0.285262	0.684778	-1.46033	0.292485	0.688935	-1.45152	0.48028	0.782863	-1.27736	0.722851	0.8856	-1.12918	0.761	1.98378	1.63865	1
qc18097726	HTT	0.464205	0.721325	1.27551	1.27551	0.724235	0.7861	-1.2721	0.353965	0.526836	-1.89812	0.885484	1.10286	1.10286	0.20022	0.398783	-2.50763	0.904389	1.08507	1.08507	0.741111	0.798107	-1.25265	0.504963	0.219942	-4.54666	0.369901	1.86943	1.86943	1.07607	7.8672	6.49868	1
qd36462144	INPP5E	0.464211	0.9034378	0.98114	-1.01923	0.760183	0.965511	1.0606	0.0843774	0.592842	1.0606	0.0843774	0.592842	1.0606	0.0843774	0.592842	1.0606	0.849496	-1.31765	0.759206	1.19424	0.144229	1.53028	1.53028	0.854189	0.9516	-1.05086	0.877599	1.04244	1.04244	1.07607	1.23935	1.02377	1
qd30384240	RGL1	0.464216	0.42437	2.3277	2.3277	0.570477	0.552249	-1.81078	0.473782	0.470267	-2.12645	0.606817	1.71182	1.71182	0.519723	1.96562	1.96562	0.223847	3.75594	3.75594	0.134046	5.32982	5.32982	0.113343	5.95553	5.95553	0.346417	2.72944	2.72944	1.07605	18.2761	15.0972	1
qd10103365	SGCB	0.464232	0.2453393	0.615493	-1.62509	0.375524	0.601121	-1.66356	0.297576	0.466084	-1.50131	0.852569	0.866084	-1.50131	0.852569	1.04329	1.04329	0.056545	0.459126	-2.17805	0.460504	0.319115	0.319115	0.0907343	0.402818	0.727055	0.74742	0.72705	0.727055	1.07603	0.74742	0.72705	1.0912	0.726958	1
qd23536530	LOC285205	0.464227	0.160451	0.441772	-2.26361	0.66285	0.787398	-1.27001	0.286046	1.82882	1.82882	0.580687	0.737868	-1.35526	0.0927641	0.365021	-2.73956	0.445619	0.646567	-1.5275	0.202875	0.480734	-2.08015	0.531273	0.707843	-1.41274	0.518604	0.669755	-1.42907	1.07603	0.50921	0.417931	1
qd17057218	NFATC1;NFATC1;NFATC1;NFATC1;NFAT C1	0.46423	0.184212	0.67533	-1.48076	0.425981	1.25426	1.25426	0.230937	1.41936	1.41936	0.861013	0.952335	-1.05005	0.108725	0.614134	-1.62831	0.76729	0.920627	-1.08622	0.796193	1.0748	1.0748	0.381127	0.778531	-1.28447	0.563547	0.849818	-1.17672	1.07603	1.32356	1.09337	1
qc25754956	POU6F1	0.464235	0.537025	0.798686	-1.25489	0.474402	1.30244	1.30244	0.738968	0.885251	-1.12915	0.658247	1.1755	1.1755	0.673393	1.16615	1.16615	0.669279	0.855501	-1.16891	0.0466311	0.437119	-2.2877	0.553474	1.24324	1.24324	0.250702	0.646654	-1.54642	1.07602	2.24828	1.85729	1
qc15544285	GGCX;GGCX	0.464241	0.6249163	1.12116	1.12116	0.49995	1.13136	1.13136	0.511844	1.18681	1.18681	0.652626	1.04129	1.04129	0.454518	0.881403	-1.13475	0.324433	1.2617	1.2617	0.108143	0.888576	1.15031	1.15031	0.622103	1.12018	1.12018	0.618702	1.12144	1.12144	1.07602	0.884664	0.734623	1
qc10201616	LDLR	0.464244	0.510198	1.16514	1.16514	0.25558	1.31202	1.31202	0.283348	1.29052	1.29052	0.199197	1.36396	1.36396	0.50487	1.16746	1.16746	0.680812	1.09927	1.09927	0.70501	1.09092	1.09092	0.0744957	1.57564	1.57564	0.0795294	1.56098	1.56098	1.076	0.892205	0.737056	1
qc17271138	CYHR1	0.464245	0.214641	0.909883	-2.55764	0.628733	0.703608	-1.42236	0.222965	0.781728	1.41963	0.314775	1.14277	1.14277	0.458694	0.927705	-1.07843	0.0765911	0.356051	-2.80755	0.0206978	0.2407677	-4.15525	0.0206978	0.0776455	-1.22584	0.913274	1.06291	1.06291	1.07603	1.86676	1.72705	1
qc22601635	PPARGC1A	0.464253	0.930104	0.972569	-1.0282	0.578608	0.506701	-1.97355	0.282989	0.715284	-1.39842	0.504276	0.853294	-1.17317	0.931221	1.02775	1.02775	0.368373	1.34934	1.34934	0.617325	0.852394	-1.17317	0.931221	1.02775	1.02775	0.828526	0.705163	-1.41811	0.75798	1.71291	1.41507	1
qd19233317	RGS12;RGS12;RGS12	0.464268	0.970351	1.01006	1.01006	0.740312	1.03973	1.03973	0.739489	0.91403	-1.09406	0.548406	1.17772	1.17772	0.456923	1.22639	1.22639	0.126396	1.56112	1.56112	0.0420848	1.87926	1.87926	0.604369	1.15119	1.15119	0.660631	0.887801	-1.12638	1.07595	1.23644	1.02147	1
qd10251120	NUMA1	0.464343	0.164427	1.07292	1.07292	0.0973237	1.04898	1.04898	0.166366	0.195175	1.59428	0.161321	1.66399	1.66399	0.0922905	1.74206	-1.74264	0.0460617	1.17383	1.17383	0.0162447	1.54511	1.54511	0.0332861	1.13206	1.13206	0.0159705	1.73558	1.73558	1.07595	2.23453	1.63199	1
qd04957730	BMS1	0.464272	0.900762	0.968231	-1.03281	0.0951819	1.60717	1.60717	0.0964373	0.623536	-1.60376	0.745847	0.919282	-1.08781	0.982529	0.994359	-1.00567	0.443467	0.816932	-1.22409	0.197705	1.003097	1.003097	0.713676	1.10007	1.10007	0.437944	1.22722	1.22722	1.07595	1.14122	0.942814	1
qc09876440	GHRLOS;GHRLOS;GHRLOS;C3orf42;GH RLOS	0.464274	0.249386	0.640365	-1.56161	0.313223	0.679641	-1.47137	0.10142	0.514786	-1.94255	0.499847	0.776018	-1.28863	0.0961336	0.508391	-1.96699	0.757115	1.12171	1.12171	0.434752	0.7444482	-1.34322	0.642913	0.841254	-1.1887	0.168946	0.581213	-1.72054	1.07594	2.33587	1.92978	1
qc26482939	GNA15	0.464279	0.431368	0.739317	-1.3526	0.337611	0.689505	-1.45031	0.0912424	0.496813	-2.01283	0.332595	0.68667	-1.4563	0.107742	0.781432	-1.2797	0.595748	1.22308	1.22308	0.223154	0.6821832	1.61832	0.642207	1.1924	1.1924	0.655014	0.844395	-1.18428	1.07593	2.41019	1.99119	1
qc12180302	TCF3;TCF3	0.464285	0.42824	0.805113	-1.24202	0.25195	0.462383	-2.16383	0.400471	1.11325	1.11325	0.526583	0.842002	0.842002	0.401441	1.11325	-1.19747	0.0690534	0.0966847	-10.3419	0.0210318	0.2402087	-4.16163	0.0210318	0.0966847	-1.10354	0.0964	1.00454	1.00454	1.07592	4.12814	1.10134	1
qd04282419	ARHGAP20	0.464288	0.970387	1.0068	1.0068	0.704559	0.932782	-1.07206	0.378663	1.17937	1.17937	0.365741	0.843879	-1.185	0.46949	1.14387	1.14387	0.23569	0.796923	-1.25483	0.229403	1.25907	1.25907	0.241249	1.25117	1.25117	0.222315	1.26399	1.26399	1.07591	0.568549	0.469719	1
qd25141969	HS3ST1B1	0.464293	0.480139	1.55121	1.55121	0.17023	2.44354	2.44354	0.0927869	0.132631	1.06125	1.06125	0.907801	1.07344	1.07344	0.0937	1.01087	0.840422	1.02675	1.02675	0.840422	1.02675	1.02675	0.840422	1.02675	1.02675	0.840422	1.02675	1.02675	1.07591	0.779545	-1.2895	0.958368	0.968574	-1.03245	1.0759	0.97534	5.32917	1
qd08982381	SNAQ	0.464294	0.904361	1.01624	1.01624	0.229742	0.844607	-1.18398	0.625307	1.06818	1.06818	0.146356	1.23239	1.23239	0.179423	1.21331	1.21331	0.9357	1.01087	1.01087	0.844022	1.02675	1.02675	0.90643	0.91584	-1.10588	0.11879	1.25472	1.25472	1.0759	0.306036	0.252841	1
qd04607261	LEMD2;LEMD2	0.464295	0.485286	1.17768	1.17768	0.691756	0.912185	-1.09627	0.614651	1.12421	1.12421	0.48562	1.17753	1.17753	0.831756	1.05029	1.05029	0.709365	1.09019	1.09019	0.428105	1.20514	1.20514	0.0333019	1.77494	1.77494	0.145894	1.43545	1.43545	1.0759	0.906466	0.748004	1
qd31781188	C11orf57;C11orf9;DKFZP434K028	0.464297	0.247782	1.10202	1.10202	0.376926	0.785416	1.15146	1.15146	0.195175	1.59428	0.161321	1.66399	1.66399	0.0922905	1.74206	-1.74264	0.0460617	1.17383	1.17383	0.0162447	1.54511	1.54511	0.0332861	1.13206	1.13206	0.0159705	1.73558	1.73558	0.23453	1.52096	0.77995	1.07471	0.63199	1
qd15107861	WFDC10A;WFDC9	0.464309	0.761176	0.802119	-1.2467	0.82351	1.17536	1.17536	0.683011	0.743058	-1.34579	0.583221	0.651698	-1.53445	0.0925407	0.382304	-2.61572	0.533264	0.633538	-1.57844	0.725382	0.774837	-1.29059	0.0454094	0.25896	-3.86266	0.786666	0.821831	-1.2168	1.07588	8.91508	7.36565	1
qd15561778	GAB1;GAB1	0.464313	0.6992453	1.05901	1.05901	0.482294	0.701345	1.41979	0.302622	0.753513	-2.67716	0.464462	1.17638	1.17638	0.490782	0.808035	-1.23722	0.822152	0.9819	1.07328	0.671528	0.715021	-1.39856	0.0672062	0.99088	0.99088	0.853699	1.15485	1.15485	1.07587	0.0622	0.0504	1
qd16630206	MAP6;MAP6	0.464319	0.345414	0.752303	-1.32925	0.380214	1.29492	1.29492	0.218019	1.46158	1.46158	0.569561	0.845066	-1.18334	0.409077	0.780916	-1.28055	0.627723	0.866644	-1.15388	0.528128	0.829274	-1.20587	0.0839472	0.577148	-1.75086	0.952741	1.01751	1.01751	0.58646	1.16923	1.20767	1
qd07193534	REG4;REG4;REG4	0.464322	0.87475	0.943666	-1.0597	0.168821	0.583387	-1.71413	0.352027	0.703352	-1.42176	0.539177	1.25674	1.25674	0.760394	1.119	1.119	0.081473	0.491738	-2.0316	0.530746	1.2629	1.2629	0.350979	0.702684	-1.42311	0.366136	0.710856	-1.40675	1.07585	2.30212	1.90206	1
qd30030790	FAT1	0.464333	0.8266868	1.07899	1.07899	0.813153	1.05633	1.05633	0.231441	1.18054	1.18054	0.144443	1.11325	1.11325	0.526583	0.842002	0.842002	0.242607	1.7302	1.7302	0.0484645	4.0938	4.0938	0.0999943	1.10461	1.10461	0.651803	1.88984	1.88984	1.07585	2.12466	0.929235	1
qd00054791	UBE2J2	0.464335	0.25367	0.751653	-1.3304	0.280686	1.30805	1.30805	0.631693	0.890779	-1.12261	0.884174	0.965693	-1.03553	0.68611	0.907285	-1.10219	0.690583	1.10056	1.10056	0.165925	1.42451	1.42451	0.648479	0.895909	-1.11638	0.125423	1.48762	1.48762	1.07582	0.977196	0.807399	1
qd10888783	ACY3	0.464342	0.75644	1.20954	1.20954	0.976981	1.138212	1.138212	0.21707	0.432266	-1.63328	0.699296	0.796238	1.25991	0.0927641	0.365021	-2.73956	0.445619	0.646567	-1.5275	0.202875	0.480734	-2.08015	0.531273	0.707843	-1.41274	0.518604	0.669755	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(5477 vs. N)	p-value(5477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 537T vs. N)	Fold-Change(5377 537T vs. N)	p-value(5 377 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg03198303	PSMG2;C3F7K	0.464721	0.811099	1.052566	0.105256	1.36871	1.21836	1.218316	0.564555	1.13268	1.13268	0.358431	1.122388	1.122388	0.934942	1.082687	1.01762	0.415983	0.837065	-1.19465	0.213607	1.62334	1.32334	0.214587	1.32238	1.32238	0.0665773	1.55282	1.07508	0.77924	0.644282	1
cg14845982	PPP2R2D;PPP2R2D;PPP2R2D	0.46473	0.971658	1.00527	0.176661	1.26673	1.23675	1.23675	0.627825	0.939097	-1.06485	0.753035	0.954376	-1.04781	0.257997	1.1908	1.1908	0.6708	1.0653	1.0653	0.118683	0.778349	-1.28477	0.878589	1.02287	1.02287	0.260714	0.840678	-1.18052	0.17507	0.372674	0.308135	1
cg17714025	KCNA4	0.464732	0.644073	1.09015	1.09015	0.603198	1.10245	1.10245	0.887327	1.02672	1.02672	0.150896	1.13148	1.13148	0.18506	0.769969	-1.29875	0.367611	1.18782	1.18782	0.212905	0.783508	-1.27631	0.683861	0.926686	-1.07911	0.42229	1.16468	1.16468	1.07506	0.588924	0.486937	1
cg24952102	CD3D;CD7	0.464734	0.546583	1.18291	1.18291	0.106484	0.615532	-1.62404	0.128552	0.636185	-1.57187	0.473333	1.22237	1.22237	0.607206	1.15345	1.15345	0.929333	1.02472	1.02472	0.80249	1.07144	1.07144	0.990807	0.996854	-1.00316	0.304139	1.34045	1.34045	1.07506	1.29061	1.06751	1
cg27507237	NES	0.46474	0.881262	1.03684	1.03684	0.495555	0.845778	-1.18234	0.935824	1.01968	1.01968	0.646693	1.11819	1.11819	0.371672	1.2486	1.2486	0.917331	0.975182	-1.02545	0.0409647	0.564982	-1.76997	0.647349	0.89469	-1.11771	0.357736	1.25726	1.25726	1.07505	0.997561	0.82482	1
cg15797314	PITPNC1;PITPNC1	0.464746	0.568704	0.678851	-1.47308	0.0588207	0.238275	-4.19684	0.105092	1.304707	-1.28184	0.866469	1.11981	1.11981	0.562729	1.48214	1.48214	0.697831	0.769231	-1.3	0.95041	0.950041	-1.04273	0.414427	0.57065	-1.75239	0.706234	1.28997	1.28997	1.07504	1.69833	0.36533	1
cg23375610	APOBEC2	0.464746	0.247567	0.612005	-1.63397	0.536511	0.775524	-1.28945	0.222551	0.594145	-1.68309	0.30885	0.651959	-1.53384	0.0641245	0.429556	-2.32798	0.228014	0.598139	-1.67185	0.643103	0.827353	-1.20867	0.11751	0.501324	-1.99472	0.738451	0.872748	-1.14581	1.07504	2.80876	2.32241	1
cg02072115	RNF169	0.464761	0.39334	0.8406	-1.18963	0.147175	1.36195	1.363195	0.831806	0.953736	-1.04851	0.305566	1.23452	1.23452	0.883082	0.971199	-1.02965	0.101935	1.42602	1.42602	0.226196	1.28706	1.28706	0.891445	0.973737	-1.02697	0.948667	1.01292	1.01292	1.07501	0.671445	0.555196	1
cg08504583	SLAIN1;SLAIN1	0.46477	0.89828	0.946072	-1.05644	0.0612157	2.422931	2.42293	0.19638	1.357953	1.79765	0.400611	1.44684	1.44684	0.36706	0.950742	-1.05181	0.868901	1.01688	1.01688	0.602114	1.25337	1.25337	0.30727	1.5742	1.5742	0.115978	2.08229	2.08229	1.07499	3.13811	2.59484	1
cg16971745	FIH1	0.464773	0.210995	0.280254	-3.56819	0.195853	0.267065	-3.74441	0.149742	0.225231	-4.43989	0.250023	0.313399	-3.19082	0.335373	0.383327	-2.60874	0.0924519	0.167401	-5.97366	0.165391	0.239762	-4.17079	0.405051	0.439429	-2.27568	0.429317	0.45898	-2.17874	1.07498	15.8614	13.1155	1
cg07463167	MAP4K5;MAP4K5	0.464779	0.552743	1.46097	1.46097	0.139651	1.2732	1.2732	0.413994	0.52494	-1.89775	0.167947	1.23189	1.23189	0.905998	0.973473	-1.02673	0.77156	1.20532	1.20532	0.438069	1.25739	1.25739	0.947734	0.47257	-2.47257	0.210359	2.33197	2.33197	1.07497	7.00579	5.73925	1
cg07651857	RNF4	0.46478	0.1578	1.480405	1.480405	0.590568	0.115154	1.15154	0.68414	1.11211	1.11211	0.060838	1.73149	1.73149	0.414289	0.850094	-1.24209	0.225476	1.39193	1.39193	0.484079	1.2029	1.2029	0.428074	1.23391	1.23391	0.648631	1.12657	1.12657	1.07497	1.14898	0.950091	1
cg14631438	KCN1;KCN1;KCN1;KCN1	0.464783	0.79379	0.892673	-1.12023	0.296684	1.19843	1.19843	0.5983	0.641392	1.22543	1.225543	0.524283	0.756031	-1.3227	0.941209	0.960594	-1.01136	0.444581	0.715156	1.40182	0.536436	1.76234	-1.31176	0.9382875	0.552767	-2.83474	0.85305	1.08549	1.08549	1.07497	3.19798	2.64441	1
cg21011028	NMU	0.464787	0.136137	0.690124	-1.44902	0.564447	1.14401	1.14401	0.461065	0.840879	-1.18923	0.608066	0.887397	-1.12689	0.497157	0.852809	-1.1726	0.319954	0.788713	-1.26789	0.122519	0.679439	-1.4718	0.116084	0.674064	-1.48354	0.297259	0.779136	-1.28347	1.07496	0.908089	0.750905	1
cg05571905	CHST15	0.464789	0.701164	1.195119	1.195119	0.574079	0.365054	-2.73932	0.143016	0.482918	-2.07075	0.709836	1.16867	1.16867	0.417	1.46752	1.46752	0.96529	0.980708	1.02033	0.826869	0.903668	-1.1066	0.842004	0.911842	-1.09668	0.689703	1.20441	1.20441	1.07495	3.64056	3.01041	1
cg03746576	KIAA0146	0.464809	0.952748	0.963116	-1.03883	0.329723	1.36531	1.365311	0.30086	1.9736	1.9736	0.879463	1.98345	1.98345	-1.03102	0.885058	0.912346	-1.09607	0.657083	0.753248	-1.32758	0.672551	0.763669	-1.30947	0.836972	1.19953	1.13959	0.612251	1.38287	1.38287	1.07494	6.68314	5.6622	1
cg02233213	MIR33A;SREBF2	0.464812	0.758844	0.896456	-1.1155	0.417968	0.763076	-1.31049	0.281437	1.44154	1.44154	0.864305	1.05747	1.05747	0.126952	0.583168	-1.71477	0.377858	1.34393	1.34393	0.211867	1.53671	1.53671	0.334944	1.38383	1.38383	0.855901	1.06118	1.06118	1.07491	1.81696	1.50253	1
cg16937057	ST7;STOT8;STOT;ST7-OT1;ST7	0.464813	0.65441	0.918605	-1.08861	0.30882	1.21953	1.219353	0.274792	1.23879	1.23879	0.351779	1.19788	1.19788	0.218048	0.78338	-1.27652	0.550584	0.802447	-1.12302	0.82836	1.04176	1.04176	0.802746	0.779178	-1.28836	0.990269	1.18043	1.18043	1.07491	0.604408	0.499812	1
cg06427816	ABR;ABR	0.464815	0.852755	1.139766	1.139766	0.597348	1.4561	1.4561	0.103018	1.05099	1.05099	0.222841	1.46513	1.46513	0.396799	0.954264	-1.04284	0.621296	1.42025	1.42025	0.483535	1.65144	1.65144	0.648328	0.723604	-1.38197	0.0867427	1.39175	1.39175	1.07489	8.44997	6.98769	1
cg26238800	ZNF334;ZNF334	0.464816	0.0862851	1.32522	1.32522	0.742266	0.952151	-1.05025	0.724118	0.948708	-1.05407	0.228475	1.20659	1.20659	0.435415	1.12551	1.12551	0.737522	0.951253	-1.05125	0.272833	0.844026	-1.1848	0.299548	1.17321	1.17321	0.719755	1.05499	1.05499	1.0749	0.375822	0.310786	1
cg16772101	CIDEA;CIDEA	0.464819	0.818678	1.19068	1.19068	0.572994	1.24169	1.24169	0.672087	1.19049	1.19049	0.579121	1.30496	1.30496	0.506554	1.09337	1.09337	0.316847	1.44782	1.44782	0.228357	1.15962	1.15962	0.913558	0.923394	-1.08296	0.21954	2.71735	2.71735	1.0749	10.2661	8.43997	1
cg05212282	NUP1P2	0.46482	0.343878	1.20741	1.20741	0.657026	0.917241	-1.09023	0.388185	1.08636	1.08636	0.411416	1.17628	1.17628	0.285306	1.23928	1.23928	0.22412	1.78124	1.78124	-1.28001	0.148755	0.74129	-1.349	0.62574	1.09968	1.09968	0.691242	1.12657	1.12657	1.07497	1.14898	0.950091	1
cg03326396	ANKBD26	0.464822	0.915483	0.973465	-1.02696	0.238375	0.766866	-1.30521	0.382287	0.733866	-1.36265	0.464622	0.824159	1.2075	0.206745	0.899831	-1.11162	0.349583	0.780318	1.28074	0.0408584	1.66748	1.66748	0.294756	0.981658	-1.01868	0.505246	0.842941	-1.18632	1.07493	0.802063	0.658555	1
cg16043368	MCF2L;MCF2L	0.464823	0.140657	1.50015	1.50015	0.905019	1.03102	1.03102	0.311912	1.30696	1.30696	0.407749	1.24197	1.24197	0.446813	0.8200222	-1.21948	0.735022	1.09082	1.09082	0.315251	1.30439	1.30439	0.0665178	1.69309	1.69309	0.986145	1.00445	1.00445	1.07489	1.11482	0.921911	1
cg02473254	MYOM2	0.464831	0.766476	1.23541	1.23542	0.0250335	0.653664	1.653664	0.156806	0.29291	2.92991	0.933077	1.06143	1.06143	0.592143	1.46796	1.46796	0.656044	1.37465	1.37465	0.556726	1.5249	1.5249	0.413939	1.80913	1.80913	0.733797	1.27418	1.27418	1.07487	8.57767	7.09348	1
cg00164413	PTPRS;PTPRS;PTPRS;PTPRS	0.464839	0.26773	0.8607	-1.16181	0.328723	0.565351	-1.77032	0.936133	1.01213	1.01213	0.551721	1.09382	1.09382	0.0998255	1.324124	1.324124	0.491607	0.900233	-1.11066	0.115371	1.29383	1.29383	0.787738	1.04145	1.04145	0.648576	1.06917	1.06917	1.07486	0.585599	0.518834	1
cg24319613	VDAC1	0.464848	0.760364	0.963466	-1.03792	0.254898	0.86535	-1.1556	0.428918	0.906426	-1.10323	0.16325	0.834399	-1.19847	0.223047	0.85576	-1.16855	0.739101	0.960152	-1.0415	0.604727	1.06559	1.06559	0.161842	1.19929	1.19929	0.772397	1.03591	1.03591	1.07484	0.251963	0.208372	1
cg08927260	FAM171A1	0.464849	0.191686	0.823068	-1.63174	0.0847855	0.59429	-1.07033	0.602763	0.831441	-1.20273	0.768882	0.837152	-1.19456	0.0997312	1.186	1.186	0.569778	0.815995	-1.2255	0.0818852	1.05896	1.05896	0.0749066	1.40626	1.40626	0.390491	1.36546	1.36546	1.07484	2.13327	1.76421	1
cg07072366	LPL	0.464862	0.350444	0.889685	-1.12399	0.563121	0.91111	-1.07399	0.160301	1.20014	1.20014	0.288368	0.874543	-1.14345	0.482123	0.91678	-1.09077	0.818525	0.972435	1.02835	0.299132	0.877322	-1.13983	0.284225	1.14488	1.14488	0.454608	1.09706	1.09706	1.07481	0.251799	0.208241	1
cg11101926	ACCN1;ACCN1	0.464878	0.86125	1.151	1.151	0.138368	3.605533	3.605553	0.581488	0.639213	-1.56442	0.615902	1.50169	1.50169	0.513304	0.586089	-1.70387	0.172806	3.20979	3.20979	0.263404	0.391726	-2.5528	0.264647	2.54607	2.54607	0.589658	1.55097	1.55097	1.07478	10.999	9.09663	1
cg15379185	EVI1	0.464881	0.451272	1.317794	1.317794	0.4008	0.34159	1.34159	0.138317	0.707603	1.39049	1.39049	0.575121	0.907863	-1.10235	0.876188	1.09259	0.523364	0.378761	-2.64079	0.0156136	1.88594	1.88594	0.0259118	1.30216	1.30216	0.61977	1.37727	1.37727	1.07478	2.41453	1.99253	1
cg01059743	EGR4;EGR4	0.464891	0.945183	1.0119	1.0119	0.452381	1.14078	1.14078	0.964969	1.00758	1.00758	0.80953	1.04242	1.04242	0.627525	0.919316	-1.08777	0.425166	1.15041	1.15041	0.943571	0.987985	-1.01225	0.0275189	1.56595	1.56595	0.277464	1.21449	1.21449	1.07476	0.503873	0.416733	1
cg01268145	KIAA1549;KIAA1549	0.464895	0.127386	1.479468	-1.56393	0.543522	2.2409	2.24009	0.987875	1.01781	1.01781	0.632884	1.76052	1.76052	0.0911	1.612049	1.612049	0.0600018	0.864454	1.18468	0.116721	1.583582	-1.72594	0.0741855	1.96156	1.96156	1.11926	1.72384	1.72384	1.07475	2.88862	2.48127	1
cg00629117	IGFALS;IGFALS;IGFALS DMD;DMD;DMD;DMD;DMD;DM DMD;DMD;DMD;DMD;DMD;DMD;DMD;D	0.464909	0.231735	0.331808	-3.01379	0.303552	0.391699	-2.55298	0.603768	0.630962	-1.58488	0.941013	0.936983	-1.06726	0.268914	0.363229	-2.75309	0.323086	0.407508	-2.45394	0.0409225	0.125525	-7.96653	0.867365	1.15837	1.15837	0.317526	0.402861	-2.48224	1.07472	13.1674	10.8905	1
cg01379936	MD;DMD;DMD;DMD	0.464937	0.137986	0.387448	-2.58099	0.293196	0.523446	-1.91042	0.181211	0.430564	-2.32254	0.357758	1.7532	1.7532	0.147045	0.397011	-2.51883	0.401778	0.600836	-1.66435	0.55973	0.704602	-1.41924	0.477529	0.651377	-1.53521	0.880683	1.09326	1.09326	1.07467	5.99821	4.96129	1
cg01796000	GRIM1	0.46495	0.974771	1.026459	1.026459	0.0956569	0.8644	1.8644	0.622266	1.26064	1.26064	0.691972	0.959368	-1.04178	0.0964554	0.9935	0.9935	0.518512	1.12942	1.12942	0.492975	1.12372	1.12372	0.456195	1.14292	1.14292	0.639364	1.24864	1.24864	1.07467	3.76785	3.1165	1
cg06673910	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.46496	0.89975	0.963899	-1.03745	0.70834	1.11587	1.115587	0.238602	1.43347	1.43347	0.407507	0.780998	-1.28041	0.463677	1.24297	1.24297	0.384242	1.270836	-1.29729	0.107045	0.59854	-1.67073	0.267758	1.40046	1.40046	0.907062	1.00107	1.00107	1.07466	1.44865	1.19823	1
cg14427171	RINT1	0.464951	0.950951	0.975114	-1.02552	0.189417	1.76734	1.76734	0.0421389	2.60946	2.60946	0.593526	1.24695	1.24695	0.868439	0.934341	-1.07027	0.55756	1.27505	1.27505	0.736349	1.14848	1.14848	0.98958	0.994664	-1.00536	0.155603	1.86349	1.86349	1.07464	2.85639	2.36266	1
cg22686022	DDX42;CCDC47;DDX42	0.464954	0.372765	0.877451	-1.13978	0.242369	0.7483	-1.33625	0.18422	0.828363	-1.20703	0.291727	0.806856	-1.23956	0.209357	0.840494	-1.18975	0.363868	0.832555	-1.20127	0.160515	0.514842	1.43534	0.972138	0.80833	-1.23715	0.0936368	1.00407	1.00407	1.07464	0.958871	0.793133	1
cg00465941	PRPF40B	0.464955	0.17729	1.43292	1.43292	0.398871	1.08718	1.08718	0.64529	0.889988	-1.12361	0.316876	0.771384	-1.29637	0.735779	1.08868	1.08868	0.578295	0.868605	-1.15127	0.43919	1.23187	1.23187	0.981545	0.994214	-1.00582	0.0659963	1.66382	1.66382	1.07464	1.07108	0.88595	1
cg02577849	ADAMTS6;ADAMTS6	0.464956	0.753204	0.936617	-1.06803	0.209172	1.05107	1.05107	0.912745	1.17914	1.17914	0.884926	1.08814	1.08814	0.712745	1.08144	1.08144	0.318239	0.805854	1.24177	0.814619	0.951898	-1.05015	0.281429	1.26498	1.26498	0.762579	0.915362	1.12484	1.07463	1.26882	1.08167	1
cg01454834	PHD	0.464972	0.349562	0.764359	-1.30829	0.0735607	0.573095	-1.74491	0.642441	0.877675	-1.13937	0.164721	0.661243	-1.5123	0.135871	0.63859	-1.56595	0.485587	0.820583	-1.21865	0.973191	1.00942	1.00942	0.503261	0.827918	-1.20872	0.168998	0.664351	-1.50523	0.7466	1.32537	1.09632	1
cg06651522	AFAP1;AFAP1	0.464982	0.112194	0.350233	-2.85525	0.749735	0.21247	1.21427	0.279954	1.97651	1.97651	0.93032	0.99037	-1.07484	0.183615	0.429448	-2.35323	0.49289	1.5257	1.5257	0.810026	0.864688	-1.15649	0.815265	0.867643	-1.15255	0.217335	0.455053	-2.19755	1.07458	6.26282	5.18057	1
cg12974337	LOC283050;LOC283050;LOC283050	0.464988	0.454754	1.15206	1.15206	0.627179	1.09526	1.09526	0.394904	0.850446	-1.17585	0.485939	0.876669	-1.14068	0.0976218	0.713267	-1.402	0.659915	1.08581	1.08581	0.10751	0.721398	-1.3862	0.617281	0.91059	-1.09819	0.507471	0.882487	-1.13316	1.07457	0.588225	0.486582	1
cg10119308	RASSF1;RASSF1;RASSF1;RASSF1	0.464999	0.901297	1.164893	1.164893	0.169449	1.74626	1.74626	0.717605	0.873452	-1.1475	0.62338	0.828191	-1.20745	0.0814503	0.278728	-3.58645	0.374147	1.41841	1.41841	0.877959	1.06027	1.06027	0.725368	0.82402	-1.14377	0.288847	0.657471	-1.52098	1.07455	3.64876	2.6422	1
cg00238052	TCEAL2	0.465004	0.254862	0.389311	-2.56864	0.716488	1.33564	1.33564	0.981924	1.01814	1.01814	0.431443	1.89115	1.89115	0.543187	1.62964	1.62964	0.186344	1.328992	-1.30958	0.184607	0.327375	-3.0546	0.588951	0.648618	-1.54174	0.242928	2.63707	2.63707	1.07454	10.7165	8.86495	1
cg06329024	FANK1	0.465006	0.648622	0.620225	-1.61233	0.523838	0.861714	-1.16048	0.374693	0.830403	-1.21396	0.67728	0.908079	-1.10123	0.321966	0.789997	-1.26583	0.313725	0.7626	-1.31133	0.482362	0.848318	-1.1788	0.329355	0.862379	-1.15958	0.73954	0.903013	1.10742	1.07454	0.903013	0.743746	1
cg12308675	RP2	0.465007	0.189878	0.773348	-1.29258	0.294859	0.464543	-2.15265	0.103669	0.337201	-2.96559	0.475415	0.599179	-1.66895	0.0833265	0.584493	-1.70998	0.881157	0.899804	1.11135	0.957713	0.512983	-1.94938	0.561031	1.5141	1.5141	0.36151	1.51838	1.51838	1.07454	3.91859	3.07454	1
cg18253799	CCDC40	0.465008	0.372399	1.94127	1.94127	0.182489	2.78661	2.78661	0.737968	0.784111	-1.27533	0.604476	1.4601	1.4601	0.25106	0.329947	-3.03079	0.69275	1.33331	1.33331	0.555516	1.30671	1.30671	0.480084	1.68199	1.68199	0.665991	0.730101	-1.36967	0.74553	0.92921	7.38653	1
cg06485671	KLHL14	0.465015	0.804159	1.140955	1.140955	0.229451	1.58381	1.583813	0.84985	1.13688	1.13688	0.610069	0.852127	1.25804	0.0966102	1.139178	1.139178	0.515312	1.2764	1.2764	0.456138	1.21015	1.21015	0.601946	1.3417	1.3417	0.706202	1.21015	1.21015	1.07454	1.08694	0.871991	1
cg06139166	ZDHHC1	0.465026	0.733761	0.844793	-1.18372	0.39619	0.650998	-1.5361	0.61394	0.777788	-1.2857	0.692912	1.21663	1.21663	0.225932	0.533547	-1.87425	0.125842	0.441184	-2.26663	0.0777428	0.379651	-2.63399	0.439887	0.677622	-1.47575	0.560427	1.33756	1.33756	1.07454	4.15351	3.43603	1
cg17003395	KIF16B	0.465041	0.497405	0.760694	-1.31459	0.555655	1.19506	1.19506	0.838044	1.08465	1.08465	0.113942	0.50522	-1.97934	0.0453806	0.294012	-3.40201	0.629016	0.824255	-1.21322	0.811216	0.90937	-1.09966	0.754765	1.13248	1.13248	0.880334	0.941943	-1.06164	1.07447	2.68243	2.21912	1
cg21793437	CACNA1C;CACNA1C;CACNA1C;CACNA1 C;CACNA1C;CACNA1C;CACNA1C;CACN	0.465042	0.839825	1.08215	1.08215	0.305271	1.51305	1.51305	0.512402	0.771678	-1.29588	0.24656	0.623316	-1.60432	0.583172	1.24134	1.24134	0.231688	1.68732	1.68732	0.0687338	0.221386	2.21386	0.683472	1.17342	1.17342	0.700167	0.859889	-1.16294	1.07447	2.5897	2.14242	1
cg05517900	QSOX2	0.465047	0.373275	0.904781	-1.10529	0.272179	0.918193	-1.08943	0.903075	0.973587	-1.0095	0.701821	0.818836	-1.14385	0.129359	0.727202	-1.37507	0.0925664	0.743175	-1.34525	0.42932	0.822178	0.904515	-1.10552	0.737642	-1.35652	0.74646	1.01422	1.01422	1.07447	0.81422	0.65531	1
cg17249210	BTRC;BTRC	0.465053	0.593626	0.804097	-1.24363	0.35561	1.46915	1.46915	0.0503514	2.46715	2.46715	0.507203	1.3131	1.3131	0.289284	1.56096	1.56096	0.9521	0.975974	-1.02462	0.890322	0.945676	-1.05744	0.276646	0.58103	1.58103	0.254392	1.61897	1.61897	1.07445	2.78886	2.30722	1
cg02970425	RNF114	0.465058	0.611039	0.915255	-1.09259	0.289153	1.2092	1.2092	0.0972104	1.36923	1.36923	0.923609	1.0167	1.0167	0.877761	1.02693	1.02693	0.645146	0.923062	-1.08335	0.440193	1.14557	1.14557	0.25474	1.2279	1.2279	0.109123	1.35207	1.35207	1.07444	0.507222	0.419627	1
cg03745493	TWSG1	0.465062	0.472507	0.842358	-1.18705	0.79531	1.02697	1.02697	0.960575	1.01015	1.01015	0.948199	0.958348	-1.0486	0.0966992	0.915143	-1.09262	0.84	0.807089	-1.23895	0.141848	0.488995	-2.04501	0.543364	0.63846	-1.56728	0.0956016	0.751328	1.33098	1.07443	0.97982	0.53186	1
cg08879403	LOC400752	0.465064	?	?	?	0.549181	0.640578	-1.56109	?	?	?	?	?	?	?	?	?	0.231573	2.57137	2.57137	?	?	?	?	?	0.495514	1.66486	1.66486	0.99942	2.57485	4.2939	1
cg10070969	HIST1H2AM;HIST1H2BO	0.465074	0.09271162	0.560841	-1.78304	0.566972	0.834514	1.1983	0.966137	1.01336	1.01336	0.263754	1.14933	1.14933	0.414811	1.29767	1.29767	0.672164	1.49568	1.49568	0.53354	0.821088	-1.2179	0.7420111	1.10879	1.10879	0.515515	0.821741	-1.21693	1.07441	1.66287	1.37574	1
cg01003176	PDE4DIP;PDE4DIP;PDE4DIP	0.465078	0.410011	1.20004	1.20004	0.759137	0.935606	-1.06883	0.884213	1.03204	1.03204	0.327371	1.24461	1.24461	0.58251	1.1256	1.1256	0.251524	1.29599	1.29599	0.102506	0.679297	-1.47211	0.262214	0.776454	-1.28791	0.799011	1.05651	1.05651	1.0744	0.797065	0.65944	1
cg12499542	SP1;SP1	0.465081	0.978436	0.982856	-1.01744	0.0887723	3.32364	3.32364	0.43411	1.66633	1.66633	0.953923	1.03766	1.03766	0.215418	0.434217	-2.303	0.975169	0.980284	-1.02011	0.399771	0.576096	-1.73582	0.211531	2.32118	2.32118	0.776797	1.19942	1.19942	1.07439	6.96497	5.7624	1
cg20948541	LOC139047	0.465084	0.508732	1.17846	1.17846	0.127818	1.49672	1.49672	0.228887	1.38253	1.38253	0.757407	1.07885	1.07885	0.814503	1.02758	1.02758	0.671963	0.900926	1.11097	0.33224	1.49235	1.49235	0.743922	1.0836	1.0836	0.671391	1.00075	1.00075	1.07439	1.02096	0.844683	1
cg10343024	PJA2	0.465087	0.845963	1.03803	1.03803	0.556566	0.892144	-1.1209	0.285778	0.808344	-1.2371	0.097138	1.41829	1.41829	0.631789	1.09709	1.09709	0.137421	1.35941	1.35941	0.901842	0.976591	-1.02396	0.463427	0.866551	-1.154	0.841446	1.03919

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1113 vs. N)	Fold-Change(1113 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1137 vs. N)	Fold-Change(1137 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07737845	CHST13	0.46544	?	?	?	?	0.160772	0.493447	2.03483	0.41885	0.6759	1.47951	0.231982	0.551871	-1.81202	0.839772	0.908466	-1.10376	?	?	0.85562	0.939654	-1.06422	1.04012	2.4695	3.16567	1
cg11390489	PH;ASPH;ASPH	0.465454	0.0073658	0.427426	-2.33959	0.233697	0.644522	-1.55154	0.877004	0.84697	-1.056	0.374786	0.725795	-1.3778	0.349513	0.712619	-1.40327	0.565156	0.813403	-1.2306	0.67366	1.16069	1.16069	0.915086	1.03824	1.03824	0.336499	0.705651	-1.41713	1.07368	2.10468	1.74245	1
cg04430161	RWDD1;RWDD1;RWDD1	0.465458	0.303536	0.888617	-1.12509	0.589734	1.06206	1.06206	0.113398	0.826516	1.2099	0.956573	1.00688	1.006888	0.754104	1.03536	1.03536	0.417648	0.912463	-1.09594	0.184428	0.85581	-1.16848	0.513402	0.929332	-1.07604	0.274572	1.13398	1.13398	1.07367	0.2080311	0.172211	1
cg14207833	UPF1	0.465458	0.267161	0.649241	-1.54026	0.805518	0.911945	-1.09656	0.118856	1.88237	1.88237	0.500122	1.29141	1.29141	0.157208	0.702005	-1.42449	0.740211	0.883084	-1.1324	0.28102	0.657918	-1.51955	0.315854	0.678752	-1.47329	0.585431	1.22852	1.22852	1.07367	2.37419	1.96558	1
cg12333112	MSL1;MSL1	0.465458	0.782144	0.855428	-1.16901	0.5216	1.44185	1.44185	0.653653	1.28971	1.28971	0.822345	0.881014	-1.13506	0.254066	0.511244	-1.95601	0.792928	0.862257	-1.15975	0.0728426	0.329331	-3.08708	?	?	-1.30117	1.82843	1.82843	1.06529	4.75901	4.46735	1
cg06761203	9-Mar	0.46546	0.821754	0.926166	-1.07972	0.383707	1.35475	1.35475	0.482121	0.784396	-1.27487	0.204469	1.57642	1.57642	0.523404	0.802661	-1.24586	0.690715	1.14562	1.14562	0.137665	0.580756	-1.72189	0.349612	0.720882	-1.38719	0.338779	1.39817	1.39817	1.07367	1.96473	1.6266	1
cg22687077	CANT1;CANT1;CANT1	0.465463	0.224718	0.764172	-1.30861	0.716669	0.924686	-1.08145	0.863262	1.03755	1.03701	0.906476	0.975517	-1.0251	0.820542	0.953208	-1.04909	0.84516	1.0421	1.0421	0.04939252	1.62964	1.62964	0.490164	1.15932	1.15932	0.414413	1.19239	1.19239	1.07366	0.7564006	0.6262232	1
cg08759689	ZNF498	0.46563	0.236178	0.735318	-1.35996	0.644118	1.29414	1.29414	0.461622	1.23097	1.23097	0.467231	0.832579	-1.20109	0.990134	1.00307	1.00307	0.0673076	0.6018	-1.66168	0.491466	0.841073	-1.18896	0.895137	1.0332	1.0332	0.780101	1.07178	1.07178	1.07366	1.04319	0.8636568	1
cg07528845	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.465469	0.0554503	9.55587	9.55587	0.503708	2.02498	2.02498	0.956309	1.05862	1.05862	0.795762	0.763605	-1.30958	0.571889	0.552147	-1.81111	0.916725	0.896955	-1.11488	0.935729	0.919562	-1.08747	0.142283	5.15604	5.15604	0.279278	3.22071	3.22071	1.07365	18.3838	15.2202	1
cg26353138	C17orf95;JMJD6;JMJD6	0.465469	0.828444	0.981182	-1.01937	0.243858	0.0671515	0.0671515	0.0204808	1.0423555	1.22704	1.22704	0.165686	1.08473	1.08473	0.585416	1.19408	1.04838	0.448009	1.07001	-1.07001	0.553357	1.05387	1.05387	0.683454	0.96479	-1.03653	0.1522	1.14365	1.14365	1.07365	0.8132218	0.10781	1
cg06007201	FAM38A	0.46547	0.0617151	0.292062	-3.42393	0.939547	0.145305	1.04536	0.417512	0.615943	-1.62353	0.267226	0.509015	-1.96458	0.140787	0.395889	-2.52596	0.515879	-1.14864	0.638689	0.75835	-1.31865	0.37655	0.717078	0.1734	-5.76853	0.0179	0.518719	0.518719	1.07365	5.817119	4.81613	1
cg09978545	RAB18	0.46547	0.0910651	0.737319	-1.35619	0.248407	0.21311	1.21811	0.349182	1.17087	1.17087	0.190484	0.910911	1.010911	0.795714	1.04338	1.04338	0.557529	1.10335	1.10335	0.994202	1.06685	1.06685	0.767402	1.04075	1.04075	0.154475	1.28335	1.28335	1.07365	0.4556651	0.3775655	1
cg06066734	KRTAP5-7	0.465484	0.966425	1.03431	1.01431	0.644327	0.854775	-1.1699	0.908958	1.03937	1.03937	0.312977	1.7609	1.7609	0.05078014	0.471804	-2.11953	0.771684	1.1032	1.1032	0.816328	0.924469	-1.0817	0.744417	0.895457	-1.11675	0.89057	0.954597	-1.04756	1.07362	1.93736	1.60401	1
cg12783573	ZUFSP	0.465496	0.630805	1.16117	1.16117	0.726064	1.11466	1.11466	0.0464537	2.0214	2.0214	0.9175	0.968533	-1.03249	0.378131	0.756509	-1.32186	0.800084	0.924684	1.08145	0.589845	0.84541	-1.18286	0.238384	1.46386	1.46386	0.496238	1.23761	1.23761	1.0736	1.61909	1.34053	1
cg17938089	SETD8;SETD8;SETD8	0.46551	0.4990044	0.896586	-1.11646	0.109662	1.32361	1.32361	0.268305	1.20334	1.20334	0.488618	0.893203	-1.11957	0.364474	1.16137	1.16137	0.5191	0.950458	-1.05258	0.843624	-1.19785	0.115578	1.73875	1.73875	0.612966	0.847937	-1.17933	1.05355	1.77796	1.47213	1
cg13990746	ANKRD45	0.465511	0.412733	1.12187	1.12187	0.51559	1.09475	1.09475	0.567606	0.92373	-1.08257	0.204971	0.822225	-1.2016	0.741153	0.9555	-1.04657	0.529198	0.916184	-1.09148	0.59788	0.929515	-1.07583	0.156396	0.812051	-1.23145	0.0954977	0.777643	-1.28594	1.07357	0.3206828	0.265472	1
cg01408682	FAM92C	0.465515	0.441976	1.6198	1.6198	0.39214	0.583136	-1.71487	0.518004	0.668199	-1.49656	0.196968	0.432077	-2.31444	0.100726	0.530891	-3.02215	0.380164	1.73987	1.73987	0.502953	1.51024	1.51024	0.582508	0.71907	-1.40712	0.554885	0.692586	-1.44386	1.07356	6.43481	5.32789	1
cg07441645	EBF3	0.465522	0.537763	1.22356	1.22356	0.648534	1.16103	1.16103	0.207383	0.777363	1.096	1.096	0.202764	1.54469	1.54469	0.176307	0.622214	-1.59181	0.488467	1.25556	1.25556	0.580458	0.834627	-1.19785	0.115578	1.73875	1.73875	0.612966	0.847937	-1.17933	1.05355	1.77796	1.47213	1
cg26267341	BIRC5;BIRC5;BIRC5;EPR1	0.465527	0.903294	1.01924	1.01924	0.997861	0.99958	-1.00042	0.997881	1.00042	1.00042	0.411511	0.876639	-1.14072	0.500856	1.11307	1.11307	0.589092	1.08926	1.08926	0.91441	1.017	1.017	0.0460133	1.43121	1.43121	0.136473	1.286	1.286	1.07354	0.417965	0.346075	1
cg06525443	SBK1	0.465532	0.859725	0.969979	-1.03179	0.173908	1.24309	1.24309	0.561761	1.1065	1.1065	0.353036	0.846177	-1.18157	0.0923825	0.884377	-1.13055	0.657518	1.07956	1.07956	0.768759	0.910444	-1.09837	0.504124	0.624865	1.60024	1.60024	0.624865	1.08863	1.08863	1.07353	0.5048311	0.418003	1
cg18239686	MRGPRD	0.465533	0.499444	0.855671	-1.16867	0.577048	1.13666	1.13666	0.192936	0.731056	-1.36788	0.864616	0.961944	-1.03956	0.573641	0.878739	-1.13799	0.630875	0.895771	-1.11636	0.0601371	1.61945	1.61945	0.593688	1.13024	1.13024	0.376303	1.07987	1.07987	1.07353	0.8788669	0.727709	1
cg14854487	LAMP2;LAMP2;LAMP2;LAMP2;LAMP2;L AMP2	0.465534	0.162433	0.239403	-4.17705	0.790987	0.775212	-1.28997	0.658796	0.653129	-1.53109	0.122633	4.9707	4.9707	0.448094	2.09824	2.09824	0.152267	0.229931	-4.34914	0.915755	1.10675	1.10675	0.995547	0.994664	-1.00536	0.924219	0.912835	-1.09549	0.73553	15.6228	12.9358	1
cg24458314	HDAC9;HDAC9;HDAC9;HDAC9	0.465535	0.268916	0.617848	-1.48843	0.553499	0.812987	-1.23003	0.557137	0.814565	-1.22765	0.641549	1.23534	1.23534	0.051753	0.465427	-2.14856	0.670476	1.15933	1.15933	0.38378	1.35896	1.35896	0.682998	1.15238	1.15238	0.843756	0.93411	-1.07054	1.07352	2.02861	1.67971	1
cg13764897	EXD3	0.465538	0.187899	0.516891	-1.93464	0.605585	0.781654	-1.27934	0.671906	0.817532	-1.22319	0.377282	0.651524	-1.53486	0.0633129	0.372463	-2.68483	0.636459	0.79839	-1.25252	0.0786781	0.397105	-2.51822	0.85224	0.915597	-1.09218	0.349846	0.634385	-1.57633	1.07352	3.80242	3.14846	1
cg17657268	LAMB1	0.465542	0.585883	1.14342	1.14342	0.517511	1.53981	1.53981	0.183292	1.40175	1.40175	0.191951	0.688643	-1.45222	0.0991953	0.435004	-2.29837	?	?	?	0.595307	1.88005	1.88005	0.516844	0.458303	-2.18196	0.267431	0.253723	-3.94311	1.02613	21.1327	19.8405	1
cg18378817	SGTA	0.465547	0.923682	0.972092	-1.02871	0.596492	1.17098	1.17098	0.904805	0.965307	-1.03594	0.288333	0.722074	-1.3849	0.0588868	0.532467	-1.87805	0.372398	0.762979	-1.27309	0.880215	0.956431	-1.04555	1.0735	1.48366	1.22852	1
cg25274052	PARP6	0.465547	0.469626	0.673083	-1.4857	0.108223	0.389444	-2.56776	0.973243	0.982113	-1.01821	0.358101	1.66291	1.66291	0.940349	1.0411	1.0411	0.146418	0.432176	-2.31187	0.18914	0.473025	-2.11405	0.968819	1.02126	1.02126	0.676674	1.25318	1.25318	1.0735	4.92381	4.07705	1
cg24077265	NPTX1	0.465556	0.326826	0.841242	-1.18872	0.249409	1.22835	1.22835	0.36591	1.14538	1.14538	0.873183	0.95803	-1.17192	0.0566965	0.691861	-1.44636	0.95803	1.04381	1.04381	0.932519	1.01457	1.01457	0.61694	1.08913	1.08913	0.437848	0.805857	0.804102	1.07353	1.48011	1.24159	1
cg25745697	C10orf93	0.465572	0.997547	0.99916	-1.00084	0.705213	0.901298	-1.10951	0.613316	0.869934	-1.14951	0.913211	0.970629	-1.03026	0.737439	0.907522	-1.1019	0.325506	1.31995	1.31995	0.901841	0.966824	-1.03431	0.385684	1.27529	1.27529	0.0324857	1.98267	1.98267	1.07345	1.27111	1.05257	1
cg13377790	MTMR7	0.465575	0.0449753	0.288205	-3.46958	0.0982705	0.0982705	0.0982705	0.0146601	0.4156196	0.760968	-1.31455	0.257345	0.760968	-1.31455	0.257345	0.760968	1.31455	1.31455	1.44254	1.44254	1.31926	1.31926	1.31926	1.31926	1.31926	1.31926	1.31926	1.31926	1.31926	1.07345	8.001	6.31693	1
cg21396539	SLC25A44;SLC25A44	0.465576	0.539285	1.05539	1.05539	0.991766	1.0009	1.0009	0.15852	0.877451	-1.13966	0.728531	0.970231	-1.03068	0.134585	1.15019	1.15019	0.558812	1.05261	1.05261	0.24979	0.900939	-1.10995	0.409216	0.929409	-1.07595	0.592077	1.04803	1.04803	1.07345	0.127892	0.105904	1
cg14871628	MAST3	0.465584	0.302818	2.28762	2.28762	0.473175	0.568003	-1.76055	0.472902	1.76119	1.76119	0.167213	1.84755	1.84755	0.137549	0.448879	-2.22777	0.261638	0.403159	-2.4792	0.590046	0.61594	-1.52453	0.23698	2.61316	2.61316	0.294346	2.32384	2.32384	1.07343	10.2185	8.46176	1
cg12127221	FUT8;FUT8;FUT8;FUT8	0.465592	0.2200203	0.6994	0.6994	0.402127	1.19377	1.19377	0.244541	1.18508	1.18508	0.280588	2.19187	2.19187	0.0264696	0.5027	-1.98907	0.387996	1.62971	1.62971	0.459522	1.5154	1.5154	0.187421	1.16251	1.16251	0.99009	1.37942	1.37942	1.07343	2.42811	1.98511	1
cg13221767	UCP3;UCP3	0.465596	0.112402	0.460838	-2.16996	0.865014	0.924189	-1.08203	0.827414	0.906766	-1.10282	0.434145	0.699268	-1.43007	0.630998	0.804988	-1.24225	0.211664	0.554448	-1.80359	0.14006	2.0373	2.0373	0.848467	1.08953	1.08953	0.398414	0.678723	-1.47335	1.07341	3.41571	2.82855	1
cg03134573	RHPN1	0.465604	0.254804	0.546049	-1.83062	0.474044	0.689374	-1.45017	0.515804	1.25884	-1.46103	0.164615	0.779998	-1.28182	0.442155	0.820169	-2.29798	0.515466	0.937944	-1.06602	0.944078	0.743549	-1.34543	0.480664	0.717458	-1.39402	0.0232153	0.531089	-1.88243	1.07339	0.4230913	0.34687	1
cg25846199	GRIP1;GRIP1	0.465605	0.099396	0.948548	-10.5424	0.825118	1.27468	1.27468	0.533248	0.439136	-2.2772	0.247266	4.8435	4.8435	0.296988	4.09622	4.09622	0.308211	2.52732	-3.95677	0.865389	1.24723	1.24723	0.412195	0.335072	-2.98444	0.610206	0.511467	-1.95516	1.07339	28.9114	23.9419	1
cg15822546	OIC3L;OIC3L;KAS2	0.465608	0.904262	0.943603	-1.05977	0.510067	0.724437	-1.38038	0.45505	1.44351	1.44351	0.939834	0.622141	-1.60735	0.968802	0.981309	-1.01905	0.277685	0.580065	-1.72395	0.247237	1.7926	1.7926	0.379482	0.647294	-1.54489	0.134032	2.18054	2.18054	1.07338	3.95663	3.27656	1
cg08230268	P1	0.465613	0.616668	0.705676	-1.41708	0.626077	0.712359	-1.40379	0.22274	0.412722	-2.42294	0.91138	1.07993	1.07993	0.371466	0.530553	-1.88483	0.998663	1.34898	1.34898	0.311	0.862452	1.83452	1.83452	0.77799	1.2156	1.2156	1.07338	1.2156	1.07338	8.11036	6.71639	1
cg13918314	ANAPC13;ANAPC13;ANAPC13	0.465615	0.329946	0.705215	-1.41796	0.624367	0.701589	-1.42563	0.188	0.618803	-1.61703	0.0992525	0.610189	-1.64835	0.288448	0.51803	-1.93005	0.855634	1.08278	1.08278	0.616107	0.903275	-1.10708	0.831284	0.910102	-1.09864	0.405498	0.629171	-1.58909	1.07337	1.32488	1.26868	1
cg10263973	PTPLAD1	0.465616	0.727157	0.940469	-1.0633	0.125292	0.74773	-1.33738	0.546584	0.898612	-1.11283	0.101211	0.730174	-1.36954	0.330764	0.838753	-1.19225	0.387028	0.856105	-1.16808	0.521866	1.12047	1.12047	0.594965	1.09858	1.09858	0.256376	0.812545	-1.2307	1.07337	0.5219517	0.432215	1
cg25468488	CEP135;CEP135;CEP135;CEP135;CEP135;C EP135	0.465625	0.63719	1.17528	1.17528	0.274513	1.47185	1.47185	0.23132	1.52963	1.52963	0.782437	0.910186	-1.09868	0.22131	0.645933	-1.54815	0.713105	0.882014	-1.13377	0.288352	1.45458	1.45458	0.123068	1.76462	1.76462	0.945358	1.02358	1.02358	1.07335	1.96465	1.62701	1
cg16073349	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;C AMK2B;C	0.465633	0.0535863	0.141292	-7.07752	0.160979	0.270949	-3.69073	0.577985	0.618637	-1.61646	0.236991	0.342039	-2.92364	0.866885	0.86686	-1.15359	0.809872	0.814359	-1.22796	?	?	?	0.916888	1.09295	1.09295	0.630974	0.661537	-1.51163	1.10277	10.7178	7.28926	1
cg07194680	GIN1	0.465634	0.348448	1.71481	1.71481	0.582469	0.924686	-1.08145	0.863262	1.03755	1.03701	0.906476	0.975517	-1.0251	0.820542	0.953208	-1.04909	0.74804	1.12125	1.12125	0.509624	0.792348	-1.26207	0.792348	1.29113	1.29113	0.215583	1.57585	1.57585	1.07334	2.05857	1.70448	1
cg19426459	EP400	0.465639	0.794864	0.940978	-1.06272	0.149804	1.43406	1.43406	0.112657	1.4966	1.4966	0.911409	0.974349	-1.02633	0.719091	1.08799	1.08799	0.231212	0.745864	-1.34073	0.675027	1.10346	1.10346	0.729306	0.922094	-1.08449	0.275262	1.30345	1.30345	1.07332	0.926665	0.767443	1
cg23637121	OSBPL5;OSBPL5;OSBPL5	0.465645	0.671984	0.874175	-1.23202	0.31492	1.66381	1.66381	0.8808388	0.887787	-1.1264	0.786572	0.876117	-1.1414	0.545555	0.465055	-2.15028	0.0937128	0.405338	-2.46708	0.774162	1.15136	1.15136	0.49593	1.40314	1.40314	0.479378	1.42229	1.42229	1.07331	4.65996	3.37882	1
cg14682699	NAGA	0.465654	0.3967772	0.728502	-1.37268	0.569459	0.7625	1.70625	0.0144192	2.0345	2.0345	0.939746	1.02798	1.02798	0.595618	0.824401	-1.21595	?	?	?	0.0511146	0.823958	-1.21365	0.871092	0.924144	-1.08108	0.638152	1.18877	1.18877	1.09491	1.99776	1.8476	1
cg13696940	RASL10A;RASL10A	0.465654	0.312986	0.522117	-1.91524	0.63477	0.742322	-1.34712	0.948148	0.960312	-1.04133	0.108633	0.336329	-2.97328	0.245593	0.469445	-2.13017	0.665076	0.762452	-1.31156	0.620617	1.36436	1.36436	0.367841	1.77888	1.77888	0.267363	2.05338	2.05338	1.0733	6.5908	5.45841	1
cg16572503	EDC4	0.465659	0.17748	0.4375	-2.28564	0.115503	0.0671515	0.0671515	0.0204808	1.0423555	1.14318	1.14318	0.852757	1.06125	1.06125	0.806798	1.08588	0.591824	0.7239	-1.38165	0.422832	0.74125	1.24852	0.241325	0.49152	1.42351	0.0162	1.60484	1.60484	1.07329	1.62311	1.26408	1
cg10481740	LETM1	0.465661	0.0794532	0.654115	-1.52878	0.653993	0.906312	-1.10337	0.35893	1.22836	1.22836	0.429018	1.19248	1.19248	0.177588	0.731684	-1.36671	0.951801	0.986907	-1.01327	0.84324	1.04411	1.04411	0.338449	0.806424	-1.24004	0.925071	1.02072	1.02072	1.07328	0.8080109	0.669273	1
cg16045319	MED8;MED8;C1orf84	0.465675	0.438071	1.74011	-1.33957	0.321606	0.684916	-1.46003	0.46115	1.77998	1.77998	0.440834	0.747878	-1.33712	0.267613	0.652582	-1.5327	0.990707	0.995705	-1.00434	0.253393	1.55374	1.55374	0.468864	0.771659	-1.29692	0.606132	1.21195	1.21195	1.07326	1.23196	1.02308	1
cg03666776	OR10G3	0.465679	0.866297	1.02929	1.02929	0.760274	1.05383	1.05383	0.0455307	0.675089	-1.48129	0.554185	0.902563	-1.10796	0.166098	0.776446	-1.28792	0.932642	1.04569	1.04569	0.763949	1.05215	1.05215	0.252594	0.814351	-1.22797	0.897479	0.978155	-1.02233	1.07325	0.4989907	0.413281	1
cg04971161	FBXO34;FBXO34	0.465681	0.383731	1.24719	1.24719	0.346572	1.27089	1.27089	0.0842904	0.623551	-1.60372	0.762795	0.927872	-1.07774	0.331097	0.78035	-1.28148	0.863269	0.958266	-1.04355	0.232051	1.3634	1.3634	0.750711	0.924198	-1.08202	0.926468	0.977429	-1.02309	1.07325	1.03968	0.861093	1
cg09141748	AGAP1;AGAP1	0.465693	0.62628	1.60526	1.60526	0.455232	0.681676	-1.46676	0.46036	1.77247	1.77247	0.441347	0.743772	-1.34483	0.267613	0.652582	-1.53212	0.207614	0.691587	-1.44595	0.0922499	1.35405	1.35405	0.252816	1.93934	1.93934	0.804752	0.933569	-1.07116	1.07322	2.70925	2.08437	1
cg00935394	HCCS;HCCS	0.465695	0.138477	0.364563	-2.74301	0.364826	0.554815	-1.8024	0.526423	0.666245	-1.50095	0.868946	1.11013	1.11013	0.143024	0.602114	-1.66081	0.0700726	0.276777	-3.60131	0.995291	1.00374	1.00374	0.343837	1.85323	1.85323	0.727209	0.801259	-1.24804	1.07322	6.80358	5.63503	1
cg19420193	C21orf34	0.465696	0.791986	0.914564	-1.09356	0.354	1.32156	1.32156	0.212124	1.23742	1.23742	0.311952	0.73183	-1.36683	0.372598	0.623643	-1.60357	0.608203	0.747476	-1.33818	0.31059	1.06762	1.06762	0.224631	0.525228	-1.90394	0.0174415	1.34081	1.34081	1.07321	4.545	3.62667	1
cg04724190	HDAC4	0.465711	0.660412	0.905269	-1.10464	0.152989	1.4113	1.4113	0.604955	0.889169	-1.12465	0.876871	0.9657	-1.03552	0.269754	1.29525	1.29525	0.102831	1.49444	1.49444	0.209679	1.34665	1.34665	0.98318	1.00476	1.00476	0.726726	0.924056	-1.08219	0.71919	0.861286	0.713378	1
cg02734904	SLC7A11	0.465715	0.984769	0.995666	-1.00435	0.376945	1.2291	1.2291	0.724915	0.922758	-1.08371	0.3107	0.787685	-1.26954	0.450103	1.19137	1.19137	0.700177	1.09203	1.09203	0.0533581	1.64766	1.64766	0.582795	1.13454	1.13454	0.253096	1.31131	1.31131	1.07318	0.8799005	0.728804	1
cg02502082	TIAM1	0.465717	0.224416	0.497403	-2.01152	0.0972245	0.109791	-1.43285	0.383759	0.730776	1.36877	0.282877	0.810756	-1.23357	0.0308311	0.322217	-3.10343	0.380222	0.240808	4.15284	0.0282409	0.643459	-1.55405	0.0705057	0.595301	1.67972	0.0262114	0.451984	-2.40394	1.07318	8.1424	12.3434	1
cg22515654	PEX14	0.46572	0.333722	1.54596	1.54596	0.936781	0.965933	-1.03527	0.293483	0.621177	-1.60985	0.753131	0.871315	-1.14769	0.843798	0.917414	1.09002	0.363849	1.50341	1.50341	0.59966	0.793406	-1.26039	0.0536689	0.620483	2.60483	0.660875	2.21275	2.21275	1.07317	3.24489	2.68769	1
cg22846516	NFRKB;2	0.465723	0.428836	1.52812	1.52812	0.823	0.1848997	1.61553	0.24973	0.924193	-1.07958	0.456598	-2.4093	-2.4093	0.0475503	0.256504	-3.89898	0.176516	-2.79564	0.0358755	0.448834	0.747878	-1.33712	0.267613	0.652582	-1.53212	0.207614	0.691587	-1.44595	0.0922499	1.35405	1.35405	0.252816	1.93934	1.93934	0.804752	0.933569	-1.07116	0.863322	1.07317	2.70925	2.08437	1
cg24977338	RGPD8;RGPD5	0.465724	0.30903	1.66552	1.66552	0.386305	0.591717	-1.69	0.577159	0.761921	-1.39485	0.810158	1.1528	1.1528	0.0525707	0.271938	3.67731	0.99446	0.999506	-1.00411	0.26239	0.50135	-1.99462	0.479003	0.528555	1.52855	0.684886	1.7858	1.72759	1.07316	5.93342	4.91459	1
cg08358587	TIMMBA;TIMMBA;TIMMBA	0.46574	0.0810914	0.0452689	-22.0902	0.747869	1.67557	1.67557	0.977868	1.04539	1.04539	0.176488	0.96995	0.96995	0.549635	2.63483	2.63483	0.248042	0.144773	-6.90738	0.771657	1.59312	1.59312	0.65696	2.04485	2.04485	0.695486	1.87674	1.87674	1.07313	43.5295	36.0561	1
cg18186605	DGCR14	0.465769	0.470991	1.20819	1.20819	0.455232	0.681676	-1.46003	0.46115	1.77998	1.77998	0.440834	0.747878	-1.33712	0.267613	0.652582	-1.53212	0.808565	0.936888	-1.06756	0.825115	1.13542	1.13542	0.42554	1.23351	1.23

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00030606	PATZ1;PATZ1;PATZ1;PATZ1	0.466153	0.0824835	3.314693	-1.1777	1.691259	0.93766	-1.26909	0.461913	1.56862	1.568621	0.840671	1.12862	1.12862	0.160786	1.40637	-2.46081	0.804574	0.861549	-1.1607	0.183249	0.427924	-2.33686	0.2728201	0.50773	-1.96955	0.8266228	0.876465	-1.14085	1.07234	6.13674	5.08689	1
cg07863354	TBCD	0.466156	0.431027	0.282212	-1.21534	0.244375	1.34384	1.34384	0.40314	1.23073	1.230703	0.886099	1.23913	1.23913	0.209777	1.37816	1.37816	0.789509	1.06708	1.06708	0.433545	1.234	1.214	1.208583	0.724929	-1.37945	0.436789	0.824895	-1.21228	1.07234	1.00005	0.82897	1
cg19541147	TIMMMB;SDHD;TIMMMB	0.466161	0.0970366	0.775317	-1.2898	0.391251	0.884494	-1.13059	0.956586	0.992422	-1.00764	0.862586	1.0245	1.0245	0.209181	1.20317	1.20317	0.215082	1.20002	1.20002	0.742749	1.04709	1.04709	0.665733	0.941077	-1.06261	0.588349	1.07934	1.07934	1.07233	0.331568	0.274648	1
cg00159241	KIAA1026;KIAA1026	0.466168	0.117126	0.375862	-2.66068	0.560159	0.712701	-1.40311	0.23651	0.490131	-2.04027	0.696051	0.997953	-1.25321	0.190897	0.451036	-2.21712	0.470441	1.5252	1.5252	0.256237	0.505949	-1.97648	0.484583	1.50433	1.50433	0.174567	0.592161	-1.68873	1.07231	5.61324	4.65307	1
cg03660606	PTPN2;PTPN2;PTPN2	0.466169	0.299442	0.911415	-1.09719	0.169184	0.881194	-1.13482	0.915772	1.00918	1.009118	0.815229	1.02042	1.02042	0.759103	0.973779	-1.02693	0.471536	1.06528	1.06528	0.108063	1.16346	1.16346	0.378756	0.924986	-1.0811	0.527623	0.946238	-1.05682	1.07231	0.126631	0.10497	1
cg23439998	OXCT1	0.466186	0.292843	0.75334	-1.32742	0.548169	0.854093	-1.17083	0.0750204	0.597719	-1.67303	0.444546	1.22421	1.22421	0.661384	0.891903	-1.1212	0.443495	0.816457	-1.2248	0.13481	0.658073	-1.51959	0.257203	0.735716	-1.35922	0.498479	0.836648	-1.19525	1.07228	1.14403	0.948371	1
cg09667589	POGZ;POGZ;POGZ	0.466187	0.62036	1.18001	1.18001	0.853985	0.940757	-1.06297	0.384836	0.744265	-1.34361	0.498821	0.79644	-1.25559	0.0654409	1.98471	1.98471	0.371385	0.737674	-1.35561	0.92621	1.03118	1.03118	0.234108	1.51208	1.51208	0.951499	0.980038	-1.02037	1.07228	1.86619	1.54702	1
cg09251600	FAM163A	0.466187	0.0954607	0.190268	-7.6765	0.124604	0.323419	-3.01156	0.588122	0.545112	-1.83447	0.557824	0.581537	-1.87555	0.0626845	0.0972281	-10.2851	0.43824	0.414663	-2.41049	0.137224	0.168432	-5.9371	0.494765	0.462343	-2.16289	0.528177	0.491091	-2.03628	1.07228	21.0268	17.4307	1
cg25001544	GRM4	0.466189	0.872759	0.918883	-1.08828	0.606018	2.96897	2.96897	0.208522	2.01334	2.013334	0.795886	0.872125	-1.14662	0.947592	0.997353	-1.00353	0.606972	1.26258	1.26258	0.421912	0.648555	-1.54188	0.968241	1.02124	1.02124	0.273877	0.548281	-1.82388	1.07227	4.73104	3.92192	1
cg19161559	CUX1;CUX1;CUX1	0.466199	0.324006	0.594109	-1.68319	0.18558	2.04942	2.04942	0.317136	1.69661	1.69661	0.5724	1.33858	1.33858	0.367708	0.623132	-1.6048	0.462472	0.682252	-1.46573	0.709476	0.825878	-1.21083	0.888188	1.07456	1.07456	0.156683	0.460976	-2.16931	1.07225	4.43775	3.67885	1
cg09254350	KCND1;KCND1	0.466203	0.4609003	1.143241	1.143241	0.875005	0.9975	1.00249	0.715515	1.169214	0.973512	-1.02551	0.196693	1.68107	0.0158054	3.019311	3.019311	0.156902	1.35634	1.35634	0.494133	0.737227	-1.02957	0.494133	1.2283	1.2283	0.801751	1.07735	1.07735	1.02725	1.48944	1.23474	1
cg02558041	FNIP1;FNIP1	0.466208	0.621031	0.908057	-1.10125	0.819091	1.04533	1.04533	0.0945835	1.42704	1.427044	0.441324	1.16411	1.16411	0.608044	1.1053	1.1053	0.350165	0.830179	-1.20456	0.174264	0.756006	-1.32274	0.745813	1.06497	1.06497	0.495479	0.874636	-1.14333	1.07224	0.636056	0.527293	1
cg23726404	ITGA6;ITGA6	0.466211	0.953659	0.985322	-1.01767	0.860852	0.948448	-1.05435	0.535751	0.82763	-1.20827	0.488913	1.25629	1.25629	0.0476502	0.504982	-1.98027	0.857389	0.953909	-1.04832	0.912546	0.645358	-1.54953	0.816608	0.939005	-1.06428	0.225619	0.681217	-1.46796	1.07223	1.54535	1.28111	1
cg08928753	TIE1	0.466212	0.272264	2.76858	2.76858	0.0555957	0.94054	0.94054	0.778776	0.777611	-1.28599	0.232213	3.06179	3.06179	0.275625	2.75367	2.75367	0.515877	1.80109	1.80109	0.201036	3.34037	3.34037	0.294453	2.64104	2.64104	0.487405	1.8779	1.8779	1.07223	13.5462	11.23	1
cg15407262	SSTR2	0.466222	0.954797	0.95385	-1.04838	0.120861	4.06371	4.06371	0.0414105	7.10304	7.10304	0.84821	0.852385	-1.17318	0.574131	0.623343	-1.60425	0.72161	1.34745	1.34745	0.990856	1.0096	1.0096	0.931475	0.930824	-1.07432	0.955141	1.04801	1.04801	1.07221	11.7978	9.78068	1
cg04582124	C15orf23	0.466224	0.560625	0.851981	-1.17374	0.149864	1.52141	1.52141	0.257959	1.04098	1.040984	0.659415	1.12834	1.12834	0.328803	0.975964	-1.02465	0.997557	1.00097	1.00097	0.98287	0.980287	0.744149	-1.34876	0.421653	0.799735	-1.25041	0.0926864	1.65484	1.65484	1.07221	1.2586	1.04342	1
cg26404568	RPL32;SNORA74;RPL32;RPL32	0.466239	0.194071	0.757863	-1.3195	1.08002	0.701976	-1.42455	0.638414	0.908908	-1.10022	0.233473	0.777185	-1.2867	0.952473	0.988044	-1.0121	0.469677	0.86206	-1.16001	0.9498	1.01279	1.01279	0.0659006	0.659422	-1.51648	0.814448	0.953666	-1.04858	1.07218	0.69147	0.573263	1
cg09988191	MFSD3	0.466246	0.839895	0.950525	-1.05205	0.036625	1.94133	1.94133	0.537028	1.23128	1.23128	0.459778	1.20779	1.20779	0.329529	1.5079	1.5079	0.350934	1.2729	1.2729	0.709705	1.09834	1.09834	0.753682	1.08216	1.08216	0.531689	1.17224	1.17224	1.07216	1.06846	0.885817	1
cg00133315	C19orf10;C19orf10	0.466265	0.973795	0.988513	-1.01166	0.925219	0.852804	-1.17376	0.205818	0.625357	-1.59709	0.75084	0.893599	-1.11857	0.845925	0.920696	-1.08614	0.453829	0.628351	-1.603	0.066371	0.26315	0.26315	0.895927	0.747515	1.04711	0.820714	1.08312	1.07215	1.00878	1.7417	1
cg13867915	ARID1A;ARID1A	0.466256	0.280946	0.566023	-1.76671	0.428023	0.663031	-1.50823	0.786853	0.871412	-1.14756	0.379099	0.63239	-1.5813	0.447908	0.675169	-1.48111	0.453829	0.678754	-1.47329	0.0298574	0.279098	-3.6617	0.181876	0.486929	-2.05369	0.653286	0.794829	-1.25813	1.07215	4.37931	3.63078	1
cg26034168	NEU4;NEU4;NEU4;NEU4	0.466259	0.283936	0.669009	-1.50521	0.345123	0.97605	-1.47796	0.753931	0.975512	-1.0976	0.63238	0.83749	-1.19454	0.191251	0.6054	-1.65064	0.420149	0.834182	-1.19874	0.199277	0.607103	-1.64717	0.606996	0.942353	-1.06121	0.905693	1.04458	1.04458	1.07214	2.29908	1.90612	1
cg10490746	ACOT11;FAM151A	0.466262	0.808078	0.97123	1.07123	0.612585	0.865566	-1.15531	0.722423	0.904078	-1.1061	0.584554	0.845947	-1.18211	0.297684	0.736959	-1.35693	0.861006	0.951659	-1.0508	0.40256	0.784904	-1.27404	0.0735788	0.56895	-1.75762	0.0592149	0.554716	-1.82661	1.07213	1.35724	1.12527	1
cg24968730	SHANK2;SHANK2	0.466263	0.538451	1.18753	-1.2209	0.244886	0.65821	-1.51966	0.380158	0.57206	-1.74805	0.319482	0.71206	-1.4042	0.0933158	1.1253	1.1253	0.282093	0.693654	-1.44164	0.0194025	0.528476	-1.89206	0.119405	0.338135	-2.95731	0.139701	0.395711	0.965721	-1.03527	1.07213	0.98332	1.55055	1
cg02540220	TRRAP	0.46627	0.788522	1.24833	1.24833	0.0542842	0.06112	6.06112	0.0611093	5.70406	5.70406	0.830399	0.837806	-1.19359	0.764009	1.28199	1.28199	0.838807	1.18299	1.18299	0.763096	1.28326	1.28326	0.935072	0.934988	-1.06953	0.977895	0.9774	1.02312	1.07212	11.5581	9.58274	1
cg24747866	STK32C	0.466275	0.938763	1.02099	1.02099	0.813378	1.06602	1.06602	0.294801	0.745467	-1.34144	0.614804	0.871814	-1.14703	0.550173	0.555326	-1.80074	0.125338	0.638591	-1.56595	0.702192	1.10945	1.10945	0.48704	0.81996	-1.21957	0.41746	0.799299	-1.2511	1.07211	1.24106	1.02897	1
cg05348790	PACS2;PACS2	0.466275	0.0710144	0.781733	-1.27931	0.27285	1.1614	1.1614	0.284934	1.54577	1.545773	0.167707	1.42373	1.42373	0.0268243	1.9972	1.9972	0.254092	1.42562	1.42562	0.0188353	1.9972	1.9972	0.0188353	1.9972	1.9972	0.0188353	1.9972	1.9972	1.07206	1.07406	1.03367	0.617796	1.68664	1.68664	1.07211	3.95546	3.27948	1
cg26249608	ZBTB33;ZBTB33 FDUM5;PDUM5;PDUM5;PDUM5;PDUM5;PDU	0.466276	0.216611	0.266488	-3.75251	0.64276	0.621819	-1.60818	0.801965	0.774446	-1.29125	0.164164	0.52612	0.52612	0.164671	0.51683	0.51683	0.219552	0.268974	-3.71783	0.994885	1.00654	1.00654	0.919253	1.10864	1.10864	0.742851	1.39774	1.39774	1.07211	17.5661	14.5641	1
cg18831827	M5	0.466276	0.134059	0.405515	-2.466	0.233848	0.497379	-2.00812	0.2557	0.515397	-1.94025	0.161673	0.433953	-2.30439	0.257088	0.516479	-1.93619	0.209535	0.477682	-2.09344	0.112071	0.380407	-2.62876	0.743902	0.832667	-1.20096	0.796628	0.867555	-1.15267	1.07211	5.29849	4.393	1
cg18264383	SACM1L;SACM1L	0.466279	0.400501	1.48748	1.48748	0.604464	1.27267	1.27267	0.728535	1.17441	1.17441	0.470727	1.40294	1.40294	0.383234	0.661947	-1.5107	0.78192	1.1366	1.1366	0.0942878	2.33667	2.33667	0.0687042	2.56032	2.56032	0.708079	1.18953	1.18953	1.0721	3.61501	2.99724	1
cg26343238	RAK1;RAK1;RAK1;RAK1	0.466279	0.882512	1.04686	1.04686	0.852654	1.6071	1.6071	0.956226	0.95609	-1.0456	0.0236968	0.56583	-1.76741	0.0255276	0.3975	0.3975	0.940701	1.06199	1.06199	0.581842	0.794573	-1.26331	0.981062	1.03863	1.03863	0.772185	1.58963	1.58963	1.07211	43.2857	35.8886	1
cg01924292	ADIPOR2	0.466282	0.563659	1.54181	1.54181	0.512297	1.63706	1.63706	0.953873	1.04384	1.04384	0.38597	1.93318	1.93318	0.315166	1.16712	1.16712	0.404406	1.88278	1.88278	0.11204	3.6088	3.6088	0.0428639	3.63279	3.63279	0.257131	2.40405	2.40405	1.0721	9.3401	7.74401	1
cg07188602	DACH2;DACH2	0.466283	0.1878628	0.615903	-1.62353	0.178921	0.389737	2.56647	0.198237	2.562447	0.184465	0.659564	0.51752	1.93346	0.0127972	2.4264	2.4264	0.193245	0.719405	1.38984	0.0158455	2.39324	2.39324	0.0158455	2.39324	2.39324	0.0158455	2.39324	2.39324	1.07207	1.07207	1.03237	0.192554	1.38184	1.38184	1.07207	2.12141	1.75842	1
cg03014495	COG3	0.46629	0.647569	0.804038	-1.24372	0.512454	0.729931	-1.36999	0.112623	0.441127	-2.26692	0.221977	0.544297	-1.83723	0.884189	0.933263	1.07151	0.838807	1.18299	1.18299	0.763096	1.28326	1.28326	0.935072	0.934988	-1.06953	0.977895	0.9774	1.02312	1.07212	11.5581	9.58274	1
cg07753241	ATXN7;ATXN7;THOC7;THOC7	0.466292	0.736923	1.03375	1.03375	0.525083	1.06093	1.06093	0.208343	1.13498	1.13498	0.510762	1.06787	1.06787	0.802381	1.02499	1.02499	0.413078	1.08586	1.08586	0.206789	1.14005	1.14005	0.18696	1.14763	1.14763	0.04042	1.26241	1.26241	1.07208	0.164538	0.136423	1
cg02332265	CTBP2;CTBP2	0.466299	0.92798	1.01725	1.01725	0.721383	1.1614	1.1614	0.284934	1.54577	1.545773	0.167707	1.42373	1.42373	0.0268243	1.9972	1.9972	0.254092	1.42562	1.42562	0.0188353	1.9972	1.9972	0.0188353	1.9972	1.9972	0.0188353	1.9972	1.9972	1.07206	1.07406	1.03367	0.617796	1.68664	1.68664	1.07211	3.95546	3.27948	1
cg04190870	UGT8	0.466305	0.424303	1.63494	1.63494	0.293395	0.92833	1.92833	0.23808	2.10547	2.10547	0.769129	0.837509	-1.19402	0.468752	1.5591	1.5591	0.296399	0.520856	-1.91992	0.184945	0.428677	-2.33276	0.290504	0.93653	1.93653	0.67999	1.28388	1.28388	1.07205	6.16284	5.10991	1
cg26054672	TRPM3;TRPM3;TRPM3;TRPM3;TRPM3;TRPM3	0.466308	0.184707	0.679816	-1.47099	0.670831	1.12443	1.12443	0.129244	0.63782	-1.56784	0.769514	0.92252	-1.08394	0.733141	1.09832	1.09832	0.900241	0.966114	-1.03507	0.140496	1.54492	1.54492	0.842475	1.0561	1.0561	0.41114	0.794094	-1.2593	1.07204	1.27778	1.05947	1
cg21728650	CDX19	0.466334	0.9012648	1.0582806	-1.04355	0.0582368	0.496129	-2.0156	0.415573	0.931959	-1.07301	0.3932	1.35025	1.35025	0.120539	1.76091	1.76091	0.743911	1.11938	1.11938	0.653408	0.848774	-1.17817	0.4429	0.77126	1.17126	0.718109	1.13252	1.13252	1.0722	2.00084	1.65908	1
cg22788646	EP400	0.466344	0.644068	0.92351	-1.08283	0.294051	0.830152	-1.2046	0.240449	0.810418	-1.23393	0.103354	1.35632	1.35632	0.674402	0.930281	-1.07494	0.990448	0.997955	-1.00205	0.233681	1.23807	1.23807	0.997827	1.00047	1.00047	0.548289	0.901316	-1.10949	1.07198	0.496657	0.411831	1
cg10692867	DUSP23	0.466353	0.219963	1.178963	1.178963	0.0847955	0.128128	3.018782	0.0161	3.168061	3.168061	0.0178782	1.86961	1.86961	0.0746112	0.79788	0.79788	0.0134612	1.83598	1.83598	0.0134612	1.83598	1.83598	0.0134612	1.83598	1.83598	0.0134612	1.83598	1.83598	1.07197	1.07197	1.03237	0.105615	1.33597	1.33597	1.07197	1.33597	1.07197	1
cg08228422	BRD2;BRD2	0.466371	0.896324	0.970213	-1.0307	0.33771	1.25766	1.25766	0.0648171	1.61773	1.61773	0.708381	0.916537	-1.09106	0.363437	0.805212	-1.24191	0.558794	0.871851	-1.14699	0.374529	1.23544	1.23544	0.543359	0.867025	-1.15337	0.574382	0.876673	-1.14068	1.07193	0.913141	0.757441	1
cg26826707	PPM1B;PPM1B;PPM1B;PPM1B	0.466381	0.961452	1.03957	1.03957	0.19887	2.752	2.752	0.196011	2.62195	2.621951	0.955163	1.04282	1.04282	0.836312	0.857043	-1.1668	0.959823	0.963134	1.03828	0.613466	1.43078	1.43078	0.0925965	1.5357	1.5357	0.205679	1.29069	1.29069	1.07191	9.41908	7.82744	1
cg00884107	PARD3	0.466381	0.118491	0.322321	-3.10249	0.992017	0.993339	-1.00671	0.838603	1.44849	1.448494	0.581775	0.689238	-1.45049	0.581775	0.692708	-1.44398	0.291855	0.714601	-2.07641	0.0348141	0.598908	-1.67006	0.0773993	0.242284	-4.1274	0.444261	0.503908	-1.98376	1.07191	1.57665	0.28301	1
cg27010959	DPAGT1	0.466393	0.304695	0.821673	-1.21703	0.0957033	1.40236	1.40236	0.416386	1.16589	1.16589	0.386287	0.848647	-1.17835	0.837378	0.962736	-1.03871	0.686029	1.07799	1.07799	0.611668	1.09923	1.09923	0.742186	0.940825	-1.0629	0.186024	1.29574	1.29574	1.07188	0.57965	0.480691	1
cg24109136	KIAP	0.466398	0.291034	0.714446	-1.39956	0.457974	0.606824	-1.64833	0.648807	1.00746	-1.01806	0.0236968	0.56583	-1.76741	0.178805	0.32102	-3.11528	0.940701	1.06199	1.06199	0.581842	0.794573	-1.26331	0.981062	1.03863	1.03863	0.772185	1.58963	1.58963	1.07187	44.0429	36.5241	1
cg16467775	DBNDD1	0.4664	0.870466	0.932697	-1.08261	0.108082	2.3459	2.3459	0.0822581	2.55044	2.55044	0.188417	1.96952	1.96952	0.598315	0.772163	-1.29506	0.533235	1.35923	1.35923	0.558563	1.33338	1.33338	0.813339	0.891331	-1.12192	0.667298	1.23408	1.23408	1.07187	4.01547	3.32999	1
cg26544924	CBFA2T3;CBFA2T3	0.466411	0.932259	1.045981	1.045848	0.0591959	3.1044	3.07684	0.255281	1.86066	1.860656	0.841033	1.11021	1.11021	0.973264	0.982474	-1.01784	0.5486	1.37047	1.37047	0.618337	0.767208	-1.30343	0.9444	1.67084	1.67084	0.273758	0.548321	-1.82375	1.07185	1.34068	1.10886	1
cg11757033	WIZ	0.466416	0.83986	1.030979	-1.24381	0.345726	1.86228	1.86228	0.0569112	1.51922	1.519222	0.153195	0.52116	1.91146	0.385144	0.381512	2.62115	0.996004	0.995826	1.00419	0.916387	1.12907	1.12907	0.902854	1.14072	1.14072	0.7	1.26202	1.26202	1.07185	1.07926	0.94167	1
cg04757093	RUNX3;RUNX3	0.46642	0.372046	0.712556	-1.4034	0.0961805	0.965111	1.96511	0.23797	0.656427	-1.5234	0.204195	0.609279	-1.64129	0.707313	1.41967	1.41967	0.893956	0.74766	-1.04766	0.950272	1.02333	1.02333	0.369215	0.711048	-1.40638	0.671792	0.854201	-1.17069	1.07183	2.32116	1.92498	1
cg20126447	CDA5*;CDA5*;CDA5*;CDA5*;COA5*;COA5*	0.466424	0.674781	1.17926	1.17926	0.447475	0.844577	1.18407	0.0744	2.4	2.4	0.0344314	1.64782	1.64782	0.0154208	2.01547	2.01547	0.359869	1.27551	1.27551	0.142306	1.50342	1.50342	0.333181	1.2944	1.2944	0.414371	1.24071	1.24071	1.07174	1.13425	0.940738	1
cg27362693	CSF1R	0.466447	0.233911	0.628107	-1.59237	0.752356	0.581161	-1.72077	0.553411	0.748357	-1.33657	0.423617	0.736952	-1.35707	0.242342	1.41299	1.41299	0.247243	0.455097	-2.19686	0.0158089	0.247243	0.455097	-2.19686	0.0158089	0.247243	0.455097	-2.19686	0.0158089	1.07155	0.148177	0.123533	1.29755	0.201077	1
cg23041223	FBXO39	0.466453	0.105784	3.85004	3.85006	0.535623	1.61387	1.61387	0.346897	2.09394	2.09394	0.589535	1.51526	1.51526	0.525379	1.634	1.634	0.214561	2.70999	2.70999	0.760159	1.26317	1.26317	0.0871875	2.22503	4.22503	0.116131	1.67997	1.67997	1.07181	1.82865	1.51601	1
cg21262138	OGT2	0.466435	0.0959543	0.288409	-3.4673	0.652892	0.735011	-1.36052	0.550548	0.663175	-1.5079	0.717449	1.28035	1.28035	0.591014	0.691493	-1.44615	0.143276	0.343124	-2.9144	0.177451	0.377299	-2.65042	0.121607	0.319416	-3.13071	0.608499	0.703752	-1.42086	0.7818	7.8502	6.51048	1
cg26607857	GPR161	0.466439	0.85118	1.034389	1.034389	0.07015	1.44344	1.44344	0.554915	1.08428	1.084284	0.724358	1.24537	1.24537	0.437706	0.811511	1.23111	0.108904	1.88068	1.88068	0.0779792	2.04345	2.04345	0.0768308	1.89778	1.89778	0.0768308	1.89778	1.89778	1.07174	1.07167	1.03237	0.23576	1.83632	1.83632	1.07174	2.12572	1.8376	1
cg18248586	DRD2;DRD2	0.466442	0.404772	0.744324	-1.34235	0.282897	0.47181	1.47181	0.374815	1.37099	1.37099	0.311776	0.955955	-1.46387	0.569133	0.819291	-1.22057	0.507899	1.26198	1.26198	0.743718	1.1206	1.1206	0.162383	1.11075	1.11075	0.0966617	0.531551	-1.88129	1.07179	2.03673	1.68917	1
cg13657881	CALD1;CALD1;CALD1	0.466449	0.429544	0.602468	-1.66015	0.39231	0.405334	2.46705	0.0931	2.465334	2.465334	0.0931	1.05393	1.05393	0.408044	0.915973	-1.09203	0.429339	0.624729	-1.60437	0.507718	0.45587	1.45587	0.134257	0.613143	1.61343	0.158572	0.741007	-1.34955	1.07179	0.534908	0.462866	1
cg08843492	FITM2	0.466456	0.781382	1.12248	1.12248	0.977293	0.988249	-1.01189	0.977616	1.01172	1.01172	0.512239	1.31791	1.31791	0.815337	1.10204	1.10204	0.492402	1.33584	1.33584	0.103826	2.09317	2.09317	0.709596	1.16807	1.16807	0.0724573	0.434993	-2.29889	1.07176	2.92775	2.42819	1
cg14637253	PPK;PPK	0.466466	0.290102	1.70717	1.70717	0.370346	0.638834	-1.56535	0.55638	0.748409	-1.33617	0.760755	1.1604	1.1604	0.902428	1.00598	1.00598	0.233291	1.83816	1.83816	0.0928762	0.406312	2.46116	0.393432	0.653223	-1.53087	0.878181	1.07758	1.07758	1.07174	4.02767	3.34049	1
cg16845363	ABPP-21	0.466466	0.898306	1.019119	-1.07626	0.652282	1.94233	1.94233	0.154844	2.4	2.4	0.0344314	1.64782	1.64782	0.0154208	2.01547	2.01547	0.722109	1.22791	1.22791	0.930459	1.07272	1.07272	0.998858	1.00114	1.00114	0.977702	1.05408	1.05408	1.07174	1.07174	1.03237	0.5618	1.65435	1.65435	1.07174	2.82797	2.42078	1
cg23139801	C20orf94;MKKS;MKKS	0.46647	0.179855	0.691966	-1.44516	0.353963	0.781511	-1.27957	0.951089	1.01598	1.01598	0.511659	1.18775	1.18775	0.830039	0.945948	-1.05714	0.359869	1.27551	1.27551	0.142306	1.50342	1.50342	0.333181	1.2944	1.2944	0.414371	1.24071	1.24071	1.07174	1.13425	0.940738	1
cg27062931	C1orf187	0.466497	0.239151	0.481697	-2.08107	0.752356	0.581161	-1.72077	0.553411	0.748357	-1.33657	0.423617	0.736952	-1.35707	0.242342	1.41299	1.41299	0.247243	0.455097	-2.19686	0.0158089	0.247243	0.455097	-2.19686	0.0158089	0.247243	0.455097	-2.19686	0.0158089	1.07155	0.148177	0.123533	1.29755	0.201077	1
cg25016364	ACTR3B;ACTR3B	0.466498	0.514148	0.918395	-1.08886	0.678758	0.947821	-1.05505	0.187887	0.835636	-1.19659	0.463294	1.10083	1.10083	0.431529	1.10882	1.10882	0.426747	0.900848	-1.11007	0.187929

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3533 vs. N)	Fold-Change(3533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg15120387	ARHGEF5		0.466784		0.794044	-1.25936	0.809189	1.27343	1.27343	0.479254	2.05581	2.05581	0.994828	0.993527	-1.00852	0.155538	0.21813	-4.58443		0.953419	0.94315	-1.06028	0.0672386	0.128096	-7.80664	0.337774	2.69162	2.69162	0.695411	1.48327	1.07114	17.0312	14.1334	1
cg13540860	DIP2C		0.466785		0.728723	1.37756	1.37756	0.0290709	10.6611	10.6611	0.109609	4.97651	4.97651	0.69584	1.43541	1.43541	0.452459	1.22518	1.22518		0.763233	1.32041	1.32041	0.6101817	1.60483	1.60483	0.915842	1.10213	1.10213	0.540981	1.76713	1.76713	0.170113	14.3581	11.9152	1
cg10224655	NPHP4		0.466794		0.865386	1.09974	1.09974	0.0403769	3.76871	3.76871	0.333233	1.74938	1.74938	0.27938	1.87787	1.87787	0.499188	0.680876	-1.4687		0.303894	1.81601	1.81601	0.89115	0.926379	-1.07947	0.655468	1.28612	1.28612	0.513649	1.4494	1.4494	1.07112	5.326	4.4199	1
cg20862860	TSIC1		0.466795		0.963637	1.03787	1.03787	0.0561777	0.171454	-5.83287	0.192531	0.324761	-3.07918	0.897228	1.12266	1.12266	0.66861	1.42067	1.42067		0.55036	0.610966	-1.63675	0.617385	1.50785	1.50785	0.673001	1.41359	1.41359	0.402799	2.01004	2.01004	1.07112	11.2794	9.36048	1
cg18860567	GABBR1;GABBR1;GABBR1		0.466798		0.573501	0.697573	-1.43354	0.432383	1.66088	1.66088	0.697889	1.28016	1.28016	0.335303	1.87599	1.87599	0.120125	0.343833	-2.90839		0.169843	0.52398	0.52398	-1.90891	0.41807	0.416756	1.69132	1.69132	0.533046	0.670467	-1.4915	1.07111	6.80154	5.64444	1
cg12052250	FGF8;FGF8;FGF8;FGF8		0.466803		0.918347	0.940963	0.691712	0.216421	1.02317	1.02317	0.587105	1.94586	1.94586	0.809242	0.872202	-1.15099	0.224164	0.506068	-1.99721		0.440435	0.652982	-1.53144	0.135687	2.38958	2.38958	0.275361	1.84902	1.84902	0.703721	0.813028	-1.22997	1.0711	4.97842	4.13152	1
cg12509665	CERK		0.466804		0.173906	2.37187	2.37187	0.60515	0.732434	-1.36531	0.633711	1.3319	1.3319	0.746918	0.824224	-1.21326	0.113027	0.357088	-2.80043		0.586181	1.38844	1.38844	0.322591	1.84048	1.84048	0.448201	1.5864	1.5864	0.454382	0.634465	-1.57613	1.0711	6.04675	5.01812	1
cg09852187	MIR7-2		0.466806		0.308961	0.527389	-1.89613	0.679515	1.50517	1.50517	0.143798	2.59698	2.59698	0.329404	1.86612	1.86612	0.154717	0.395704	-2.52669		0.964583	1.02735	1.02735	0.982092	1.01358	1.01358	0.967225	1.7611	1.7611	0.917324	0.938855	-1.06513	1.07109	6.26348	5.19798	1
cg05003122	COL16A1;COL16A1		0.466807		0.254556	0.303986	0.28963	0.0596775	0.119176	-8.39093	0.0885608	0.150275	-6.65446	0.442712	-6.65684	0.275889	0.203178	0.339875	-2.94226		0.626736	0.612286	-1.63322	0.396431	0.434484	-2.98968	0.576181	0.568217	-1.75989	1.07109	10.9695	14.1044	1
cg04283377	ARAF		0.466809		0.162166	0.380697	-2.62676	0.14914	0.367502	-2.72107	0.232659	0.444912	-2.24764	0.509461	1.5419	1.5419	0.609929	0.716807	-1.39508		0.212017	0.42791	-2.33694	0.623511	1.37734	1.37734	0.863459	1.11782	1.11782	0.608963	1.39635	1.39635	1.07109	7.10306	5.89478	1
cg16394552	SPOPEP		0.466831		0.302618	1.2668	1.2668	0.90568	0.972572	1.03709	0.907307	1.04434	1.04434	0.805962	-1.24075	-1.24075	0.315464	1.11889	1.11889	0.307105	0.792373	-1.26378		0.221295	1.32941	1.32941	0.361766	1.23074	1.23074	0.959316	1.12121	1.12121	0.256375	0.769223	-1.30001	1.07105	0.881987	0.690488	1
ch.6.27712028	PHACTR2;PHACTR2;PHACTR2;PHACTR2		0.466836		0.227169	0.624747	-1.60065	0.643687	0.423012	2.364	0.748823	0.887643	-1.12658	0.33476	0.691369	-1.44641	0.290942	0.665906	-1.50171		0.951024	0.977468	-1.02305	0.153859	0.567533	-1.76201	0.685607	0.859847	-1.163	0.920928	0.963831	-1.03753	1.07104	2.33507	1.93795	1
cg25664725	NAGLU;NAGLU		0.466836		0.697431	0.936934	-1.06731	0.394507	1.15651	1.15651	0.389417	1.15842	1.15842	0.241025	1.22708	1.22708	0.707887	1.06477	1.06477		0.377875	0.859972	-1.16283	0.239168	0.814219	-1.22817	0.909207	1.0192	1.0192	0.120069	1.32467	1.32467	1.07104	0.471556	0.39136	1
cg19645248	GRM1;GRM1		0.466839		0.389512	0.59561	-1.67895	0.237086	0.207065	2.07065	0.763918	0.841303	-1.18863	0.0596527	0.286813	-3.4866	0.897248	1.07888	1.07888		0.929451	0.940296	-1.05341	0.957752	0.832518	-1.20118	0.193149	0.445208	-2.24614	1.07103	5.85707	4.861	1
cg13993734	MAG;MAG		0.466853		0.597629	1.1559	1.1559	0.709802	0.157412	2.164221	0.202317	0.202317	0.587105	1.94586	1.94586	0.809242	0.872202	-1.15099	0.224164	0.506068	-1.99721	0.440435	0.652982	-1.53144	0.135687	2.38958	2.38958	0.275361	1.84902	1.84921	0.703721	0.813028	-1.22997	1.0711	4.97842	4.13152	1
cg02200389	FARP1		0.466856		0.568735	0.773402	-1.29299	0.321361	2.115335	2.115335	0.180166	1.88688	1.88688	0.807666	1.11494	1.11494	0.387148	0.673386	-1.48503		0.257306	1.69447	1.69447	0.205938	1.81338	1.81338	0.846237	1.09047	1.09047	0.895475	0.943049	-1.06039	1.071	3.37548	2.80152	1
cg08305509	CD6;CD6		0.466857		0.670368	0.585653	-1.70749	0.196074	2.5377	2.5377	0.0435	1.64393	1.64393	0.0358561	2.18897	2.18897	0.271887	4.17533	4.17533	0.0973662	0.029777	-9.71587		0.840681	0.777624	-1.28597	0.606276	1.91488	1.91488	0.522615	3.50088	3.50088	0.70144	1.6155	1.6155	1.071	26.4863	21.9827	1
cg09768859	PPP5A		0.466861		0.519657	1.20236	1.28768	0.629078	-1.58961	0.747276	0.912758	-1.09558	0.956791	1.05142	1.05142	0.262617	0.719001	-1.39065		0.184209	0.671858	-1.48841	0.156998	1.53319	1.53319	0.610898	0.865132	-1.15588	0.109189	1.97887	1.97887	1.07109	1.35216	1.12225	1
cg24664312	FBXO44;FBXO44;FBXO44;FBXO44;FBXO	4.66E-87	0.325971	1.41155	1.41155	0.796414	1.09184	1.09184	0.601945	1.19585	1.19585	0.383261	0.737956	-1.35509	0.906367	1.0408	1.0408		?	?	?	0.736883	0.891717	-1.12143	0.0664245	2.01299	2.01299	0.228034	1.53589	1.53589	1.06253	1.72781	1.62613	1
cg04907505	MAP1B;RAP1B		0.466873		0.647096	0.806799	-1.23947	0.276338	0.591062	-1.69187	0.8826	1.07125	1.07125	0.44079	0.693414	-1.44214	0.13646	0.473627	-2.11114		0.398419	1.49582	1.49582	0.36499	1.993341	0.477329	1.40005	1.40005	0.850924	0.916102	-1.09158	1.07097	3.67933	3.0538	1
cg16451306	MAP1B		0.466887		0.553626	1.07482	-1.12049	0.394617	1.314104	1.314104	0.13366	1.31582	1.31582	0.18525	1.62411	1.62411	0.136213	1.26002	1.26002	0.166423	0.627948	-1.59249	0.639239	-1.56307	0.164823	-1.4163	0.775671	1.1852	1.1852	1.07094	4.265	3.53999	1
cg04013959	MED26		0.466888		0.34613	1.29848	1.29848	0.965215	1.01181	1.01181	0.740348	0.91436	-1.09366	0.129183	1.55487	1.55487	0.614691	1.14642	1.14642		0.402596	1.25936	1.25936	0.111915	0.627489	-1.59365	0.868983	1.04545	1.04545	0.351898	1.29422	1.29422	1.07094	1.22927	1.0203	1
cg06614969	MAGED2;MAGED2;MAGED2		0.466889		0.171584	0.198189	-5.04569	0.200714	0.222488	-4.49463	0.263353	0.273439	-3.65712	0.898208	0.86822	-1.15178	0.120813	0.153984	-6.49418		0.212131	0.231878	-4.3126	0.92733	1.10677	0.870201	1.59086	1.59086	0.664451	1.62458	1.62458	1.07094	20.975	17.4095	1
cg22140363	TAPBPL;LOC578055		0.466899		0.276681	0.460605	-2.17155	0.200358	0.29533	-3.38535	0.225635	0.366169	2.73107	0.398507	-3.35	0.207604	0.402345	2.484543	0.221115	0.441257	-2.26566	0.188224	0.4847	-2.06281	0.227175	0.590423	1.69452	1.69452	0.592124	1.29544	1.29544	1.071	2.1585	1.64156	1
cg06749316	VWA3B		0.466914		0.124608	0.650102	-1.53822	0.689754	1.10952	1.10952	0.287052	0.751028	-1.33151	0.863596	0.95701	-1.04492	0.762443	1.08168	1.08168		0.975273	0.992005	-1.00806	0.0955742	1.60673	1.60673	0.508911	0.840676	-1.18952	0.739442	1.0903	1.0903	1.07089	1.13772	0.944368	1
cg06780864	KCNK9		0.466916		0.88154	1.05877	1.05877	0.0390424	2.56356	2.5377	0.0435	1.6442	1.6442	0.0358561	2.18897	2.18897	0.271887	4.17533	4.17533	0.0973662	0.029777	-9.71587		0.840681	0.777624	-1.28597	0.606276	1.91488	1.91488	0.522615	3.50088	3.50088	0.70144	1.6155	1.6155	1.071	26.4863	21.9827	1
cg15779093	NEDD1;NEDD1;NEDD1;NEDD1		0.466924		0.933687	1.0544	1.0544	0.488783	1.57181	1.57181	0.791628	1.18385	1.18385	0.573997	0.684909	-1.43904	0.821159	1.865665	1.55158		0.757712	2.18115	2.18115	0.887987	3.60067	3.60067	0.104234	1.96842	1.96842	0.0953385	3.46555	3.46555	1.04037	6.71391	3.27082	1
cg24102241	GAMT;GAMT		0.466935		0.133431	0.547977	-1.8249	0.473395	0.762647	-1.31122	0.300616	0.671288	-1.48967	0.852204	1.07176	1.07176	0.48301	1.30331	1.30331		0.55823	0.820704	-1.21847	0.33982	0.693813	-1.44131	0.149939	1.77454	1.77454	0.734739	0.881288	-1.1347	1.0785	2.34173	1.94382	1
cg07117391	KCNAB1;KCNAB1;KCNAB1		0.466958		0.617916	1.20604	1.20604	0.274065	0.6548	-1.52718	0.104336	0.816098	-1.93761	0.831018	0.974474	-1.08702	0.602161	1.65371	1.65371		0.351275	0.699502	-1.42959	0.314503	0.678755	-1.47329	0.947381	1.43398	1.43398	0.547154	0.796949	-1.25479	1.0708	2.35371	1.95385	1
cg26570245	PHOSPHO2;KLHL23;C5orf67		0.466959		7	7	7	0.77842	0.79108	-1.26409	0.421476	2.00712	2.00712	0.596351	1.56419	1.56419	7	7	7		0.086047	0.172113	-5.84069	0.604514	1.54818	1.54818	0.872525	0.875339	-1.14241	0.750611	1.30359	1.30359	1.1671	8.59064	4.20609	1
cg22731981	ELF1		0.466962		0.854365	0.829908	1.20495	0.194617	0.314104	-3.1866	0.183482	0.238525	4.19207	0.147113	2.36002	2.36002	0.166423	1.59249	1.59249	0.627948	-1.59249	0.639239	-1.56307	0.164823	-1.4163	0.775671	1.1852	1.1852	1.07094	4.265	3.53999	1
cg14466961	ZNF721;PIGG;PIGG;ZNF721		0.466971		0.973746	1.00454	1.00454	0.430801	1.11707	1.11707	0.591452	1.07745	1.07745	0.895499	0.98207	-1.01826	0.376986	1.13294	1.13294		0.328804	0.870432	-1.14886	0.966325	1.00583	1.00583	0.164231	1.22672	1.22672	0.0620748	1.33539	1.33539	1.07078	0.32147	0.266863	1
cg10430513	ARHGEF10		0.466974		0.708063	1.6408	1.6408	0.827993	0.750926	-1.33169	0.826569	0.749113	-1.33491	0.129247	0.115564	-8.65322	0.584404	2.06911	2.06911		0.583642	0.27222	2.07222	0.669162	0.567875	-1.76095	0.574521	0.150545	-6.66468	0.148781	7.67912	7.67912	1.07077	29.3883	24.3964	1
cg08553156	SLC35F2		0.466985		0.548186	1.84848	1.84848	0.72334	0.693276	-1.44243	0.478464	0.859752	-1.16327	0.89563	1.10495	1.10495	0.015537	2.523575	2.523575	-1.83802		0.157584	0.641939	-1.55726	0.889004	1.04144	1.04144	0.822457	1.01382	1.01382	0.627359	0.866396	-1.15421	1.0775	1.45746	1.20991	1
cg00557236	SEMA6A		0.466987		0.855701	1.16595	1.16595	0.178539	1.33863	1.33863	0.170479	3.42541	3.42541	0.213458	0.331207	-3.01926	0.256617	0.36835	-2.71481		0.797558	1.24211	1.24211	0.75868	0.771118	-1.29682	0.421543	1.9988	1.9988	0.813371	0.819159	-1.22076	1.0075	12.0649	10.0157	1
cg07578275	RNF216;RNF216		0.466989		0.479503	1.45027	1.45027	0.0393424	0.264386	-3.7822	0.670747	0.550561	-1.68759	7	7	7	0.228355	4.378	4.378		0.782935	1.54691	1.54691	7	7	7	1.05222	7.1464	7.1464	0.0150048	7	7	1.07095	15.0048	12.5	1
cg13184823	MTR1A;MTR1A		0.466999		0.319011	1.42067	1.42067	0.450803	0.769536	-1.29948	0.77445	1.10144	1.10144	0.0409777	2.22214	2.22214	0.203893	4.893383	4.893383	0.931146	0.076938	1.1056	1.1056	0.435784	1.31139	1.31139	0.413783	1.32957	1.32957	0.209395	1.47815	1.47815	1.07073	1.97132	1.63654	1
cg20816261	SLC19A2		0.467		0.192386	1.71872	1.71872	0.67899	0.849296	-1.17745	0.238758	1.62306	1.62306	0.799807	0.905068	-1.10489	0.265661	1.57664	1.57664		0.129586	0.525831	-1.90175	0.997216	1.00137	1.00137	0.481015	1.32466	1.32466	0.542833	1.27352	1.27352	1.07072	2.61271	2.16901	1
cg08254651	ZBTB18		0.467007		0.481975	1.30413	1.30413	0.0403453	0.173643	-5.75842	0.0844227	0.0998298	10.01411	-1.49385	0.0559407	17.88525	0.0559407	17.88525		0.0189552	52.7747	52.7747		0.487124	1.38873	1.38873	0.912626	1.05226	1.05226	0.521464	1.35271	1.35271	0.315913	0.617363	-1.61979	1.0781	1.68872	1.04572	1
cg12727940	PLSCR4;PLSCR4;PLSCR4;PLSCR4		0.467023		0.313940	0.490358	-2.03933	0.375327	0.536539	-1.8638	0.774539	1.21716	1.21716	0.713816	0.796081	-1.25615	0.255526	0.443856	-2.25298		0.16632	0.364242	-2.74543	0.0852412	0.27198	-3.67673	0.14416	0.341773	-2.92592	0.33023	0.502824	-1.98877	1.07068	7.94004	6.59191	1
cg09890255	MYBPH;MYBPH		0.467025		0.92933	1.03425	1.03425	0.0403728	0.30538	-3.27488	0.69675	0.856457	-1.16748	0.868864	1.14579	1.14579	0.057209	1.884864	1.884864	0.0397729	0.530772	1.88493	1.88493	0.0398163	0.530772	1.88493	1.88493	0.0398163	1.13475	1.13475	1.07073	0.100184	0.088253	1
cg19046892	DNPEP;DNPEP		0.467026		0.472157	1.60499	1.60499	0.888719	0.913406	-1.0948	0.955748	1.03655	1.03655	0.758508	1.22079	1.22079	?	?	?		0.685044	1.30187	1.30187	0.0417045	0.218966	-4.56693	0.390896	1.76604	1.76604	0.763596	0.822718	-1.21548	1.06223	0.25881	0.38215	1
cg16519574	SNTG2		0.467032		0.792945	1.17686	1.17686	0.75657	1.17237	1.17237	0.969197	1.097112	1.10288	0.0358118	2.220462	-4.53158	0.570189	1.4265	1.4265		0.319618	1.80922	1.80922	0.0417045	1.46071	1.46071	0.724414	-1.27484	0.795958	0.826585	-1.2098	1.07066	6.49858	5.59927	1
cg14519323	GRHPR		0.467033		0.275263	0.442624	-2.25926	0.118983	0.296696	-3.37046	0.709821	0.246595	-4.05523	0.781432	1.22106	1.22106	0.350929	0.501892	-1.99246		0.520954	0.626765	-1.5955	0.563836	0.657718	-1.52041	0.481819	1.67089	1.67089	0.740784	0.842776	-1.15326	1.07066	8.74307	7.25872	1
cg02875876	MIR302A;MIR302D;LARP7;LARP7;MIR3 67		0.467039		0.805419	1.14162	1.14162	0.50071	1.44308	1.44308	0.186787	2.11901	2.11901	0.447823	1.51458	1.51458	0.131231	2.39749	2.39749		0.794269	0.86915	-1.15055	0.61921	1.30846	1.30846	0.0822057	2.81022	2.81022	0.154734	2.2644	2.2644	1.07065	4.88297	4.05401	1
cg07050647	CLASP1;CLASP1;CLASP1;RNU4ATAC		0.467043		0.851577	1.03458	1.03458	0.437328	0.866056	-1.15466	0.756894	0.9452	-1.05798	0.597418	1.10157	1.10157	0.544373	1.1178	1.1178		0.634803	0.916819	-1.09073	0.0361285	0.642553	-1.55629	0.790064	1.04962	1.04962	0.435078	1.15551	1.15551	1.07064	0.558587	0.463761	1
cg19195627	FBXO15;C18orf55;FBXO15		0.467047		0.147808	0.628741	-1.59103	-1.45534	0.370552	1.24882	0.125265	1.49328	1.49328	0.694418	0.908996	-1.10012	0.45348	0.81149	-1.23266		0.378585	1.24596	1.24596	0.410112	1.02767	1.02767	0.752452	1.07946	1.07946	0.72063	0.899705	-1.11183	1.07063	0.822116	0.68261	1
cg10441628	ADRA1B		0.467047		0.0699143	0.317922	-3.14243	0.49331	0.674767	-1.48199	0.521407	0.693063	-1.44287	0.39413	0.610458	-1.63811	0.0916859	0.349924	-2.85777		0.344329	0.576498	-1.73461	0.420786	0.628099	-1.59211	0.461866	0.623879	-1.60288	0.579522	1.37228	1.37228	1.07063	5.42147	4.50115	1
cg00088033	NRG;SYNRG;SYNRG;SYNRG;SYNRG;SY NRG;SYNRG		0.467053		0.459896	0.891926	-1.12117	0.352969	1.15636	1.15636	0.88139	1.02295	1.02295	0.68571	1.06379	1.06379	0.252913	1.19903	1.19903		0.20683	1.22429	1.22429	0.912155	0.983365	-1.01692	0.0765031	1.3492	1.3492	0.216033	1.21884	1.21884	1.07062	0.39177	0.325269	1
cg05303249	RAB18;RAB18		0.467059		0.0962347	0.431332	-2.3184	0.219883	0.552181	-1.811	0.26368	0.584849	-1.70984	0.175784	0.51545	-1.94005	0.365527	0.651801	-1.53421		0.111933	0.45073	-2.21863	0.90092	1.05902	1.05902	0.760061	0.868474	-1.15145	0.457687	0.705982	-1.41647	1.07061	3.59361	2.98364	1
cg06386278	C1orf73;C1orf73;C1orf73;C1orf73		0.467065		0.353445	0.770844	-1.29728	0.995544	0.998479	-1.00152	0.40436	0.792165	-1.26236	0.698832	1.1118	1.1118	0.468991	1.22242	1.22242		0.449462	0.829543	-1.20548	0.311848	0.751856	-1.33004	0.222033	1.41887	1.41887	0.134015	1.55352	1.55352	1.0706	1.26002	1.04616	1
cg18298897	RPL15		0.467079		0.151292	0.473739	-2.11087	0.286626	0.584142	-1.71191	0.30506	0.596889	-1.67535	0.724311	1.18774	1.18774	0.165988	0.487861	-2.04976		0.607015	0.777191	-1.28668	0.156328	0.478666	-2.08914	0.551372	1.3402	1.3402	0.291923	0.587843	-1.70114	1.07057	4.00255	3.32329	1
cg08569150	C7orf50;C7orf50;C7orf50		0.467085		0.624613	1.13418	1.13418	0.583121	0.842683	-1.18683	0.368211	0.76837	-1.30157	0.880981	1.04082	1.04082	0.610981	1.63709	1.63709	0.762528	0.748005	-1.33683	0.596479	1.67775	1.67775	0.600126	1.46268	1.46268	0.284205	0.907156	1.07056	0.872116	0.716366	0.604731	1
cg02981064	MGMT		0.467097		0.174729	0.536787	-1.86293	0.632583	1.23072	1.23072	0.719879	1.1679	1.1679	0.734642	0.86361	-1.15793	0.843365	0.918269	-1.08901		0.525827	0.758009	-1.31925	0.194014	1.80806	1.80806	0.138791	1.98731	1.98731	0.340179	1.52756	1.52756	1.07054	3.14958	2.61516	1
cg15798972	JARID2		0.467101		0.905283	1.02948	1.02948	0.9058	1.08508	1.08508	0.17897	1.21157	1.21157	?	?	?	0.444763	2.2778	2.2778		0.646996	0.932163	-1.07283	0.633111	1.61331	1.61331	0.266	2.09575	2.09575	-1.38123	0.803392	0.874729	-1.14401	1.07053	4.79169	3.97	1
cg08310792	TTC29		0.467102		0.834381	1.09029	1.09029	0.12466	0.503405	-1.98647	0.414767	0.708795	-1.41085	0.716063	1.16279	1.16279	0.107154	0.483787	-2.06703		0.314161	0.536991	1.53691	0.58986	1.25193	1.25193	0.861041	1.07502	1.07502	0.553311	0.780677	-1.28094	1.07053	2.89025	2.39985	1
cg25869967	FZD4		0.467105		0.176129	0.145941	1.45941	0.934189	0.976526	-1.02194	0.219618	0.712279	-1.40394	0.150856	1.49879	1.49879	0.693257	0.901045	-1.10982		0.906871	1.03124	1.03124	0.235886	1.38609	1.38609	0.341165	1.2941	1.2941	0.598079	1.15007	1.15007	1.07052	1.17133	0.972589	1
cg18349258	SMEK2;SMEK2		0.467106		0.241377	0.425605	-2.34979	0.124943	0.30838	-3.24361	0.0937	0.164557	6.07488	0.0358561	2.18897	2.18897	0.271887	4.17533	4.17533	0.0973662	0.029777	-9.71587		0.509664	1.1281	1.1281	0.0979597	1.06572	1.06572	0.337137	0.779196	-1.29534	0.137593	1.5194	1.5194	1.07052	1.16101	0.963444	1
cg11049774	BEA4;BEA4		0.46711		0.0581822	0.0242148	-41.297	0.400512	0.224114	-4.46201	0.703521	0.514522	-1.94355	0.317309	0.02874	0.02874	0.72322	1.85522	1.85522		0.169968	0.0788435	-12.6834	0.685105	0.492373	-2.03098	0.918999	1.19338	1.19338	0.826712	0.683151	-1.4638	1.07051	51.2095	42.5212	1
cg06344454	ADAMTS16		0.467115		0.581905	1.14564	1.14564	0.32628	0.780534	-1.28121	0.581079	1.44637	1.44637	0.113369	0.656513	-1.5232	0.791113	0.99232	1.09232		0.745268	0.99337	-1.00239	0.353867	1.38038	1.38038	0.290953	1.10453	1.10453	0.31705	1.10156	1.10156	1.07049	0.845609	1	
cg04047827	TNRC6A		0.467115		0.2314	1.70976	-1.40893	0.389378	1.2724	1.2724	0.211254	1.43291	1.43291	0.84725	0.948694	-1.05408	0.781362	0.926829	-1.07895		0.370703	1.26723	1.26723	0.142022	0.648963	-1.54092	0.432945	1.24427	1.24427	0.823197	0.940712	-1.06302	1.0705	1.2646	1.05006	1
cg19654195	TMEM908;TMEM908		0.467121		0.335574	0.786188	-1.27196	0.181678	0.709308	-1.40982	0.84054	0.952368	-1.05001	0.716476	0.915433	-1.09238	0.700434	0.910598	-1.09818		0.530363	0.857287	-1.16647	0.0312227	0.544384	-1.83694	0.816957	1.05778	1.05778	0.787605	1.07671	1.07671	1.07049	0.995022	0.826221	1
cg19445684	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1		0.467121		0.412681	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error
cg12865939	STS;STS;STS	0.467559	0.61806	0.725116	-1.37909	0.959414	1.03308	1.03308	0.843112	0.8800992	-1.13508	0.8374489	1.04034	1.040341	0.0957126	0.310323	-2.22245	0.284026	0.490827	-2.03738	0.0844298	0.295356	-3.38574	0.1738133	0.396436	-2.52247	0.990755	1.00744	1.00744	1.00866	6.92673	5.75614	1
cg14883008	SMCR7L	0.46756	0.841665	0.971183	-1.02967	0.884474	1.02148	1.02148	0.05683	0.5133063	1.37041	1.37041	0.272277	1.18182	1.18182	0.879935	1.02234	1.02234	0.082445	1.32475	1.32475	0.835543	1.03086	1.03086	0.335334	1.02742	1.02742	0.408951	1.13141	1.13141	1.06966	0.362058	0.308872	1
cg14464361	AGAP1;AGAP1	0.467562	0.855755	1.19324	1.19324	0.188083	3.87387	3.87387	0.32277	2.69572	2.69572	0.591024	1.69331	1.69331	0.101177	0.175034	-5.71319	0.946313	0.936707	-1.06757	0.986456	0.983654	-1.01662	0.184591	3.92091	3.92091	0.971275	0.965643	-1.03558	1.06965	15.9702	13.2714	1
cg07611925	KCNE2;KCNE2	0.467565	0.905789	1.04384	1.04384	0.112405	0.534529	-1.87081	0.104848	0.526051	-1.90096	0.970169	0.986539	-1.01364	0.427249	0.745447	-1.34148	0.372427	0.71758	-1.39357	0.135642	0.558305	-1.79114	0.211003	0.620258	-1.61223	0.569733	0.812039	-1.23147	1.06965	2.2251	1.84908	1
cg06636172	FOXD3;FOXD3	0.467576	0.319381	1.23703	1.23703	0.596066	0.895311	-1.11693	0.42922	0.846354	-1.18154	0.63317	1.045	1.045	0.436477	1.17833	1.17833	0.114592	1.4258	1.4258	0.518707	0.873507	-1.14481	0.460037	0.856181	-1.16798	0.26374	0.786838	-1.27091	1.06962	0.723388	0.601566	1
cg00728319	TMEM431;SYNGR4	0.467577	0.285864	0.677089	-1.47601	0.80923	0.918428	-1.08882	0.494309	0.783346	-1.27657	0.09754881	1.89573	1.89573	0.498677	1.27334	1.27334	0.922658	1.03475	1.03475	0.143385	0.5750999	-1.73883	0.885337	1.05206	1.05206	0.74436	1.122	1.122	1.06962	2.09681	1.74251	1
cg05761967	THOC5;THOC5;THOC5;THOC5	0.467582	0.231497	0.809118	-1.21591	0.114516	0.748489	-1.33602	0.287012	0.829785	-1.20513	0.443627	0.876498	-1.1409	0.619819	1.08279	1.08279	0.476991	0.885114	-1.1298	0.61648	0.918305	-1.08896	0.460562	1.13519	1.13519	0.32314	1.18796	1.18796	1.06961	0.482537	0.401006	1
cg05190654	HEBP1	0.467583	0.434598	1.87903	1.87903	0.447376	0.540388	-1.85062	0.973726	1.02653	1.026932	0.660802	0.663483	-1.5072	0.603457	0.661295	-1.51218	0.229501	2.74968	2.74968	0.0815251	0.982014	-1.01832	0.0486243	5.91213	5.91213	0.08062	1.01935	1.01935	1.06961	10.5501	8.76758	1
cg19563307	THADA;THADA	0.467590	0.965036	0.980328	1.02007	0.192309	0.555004	-1.86914	0.341923	0.641201	-1.55957	0.683629	1.20406	1.20406	0.23151	0.559937	-1.78591	0.290604	0.608303	-1.64392	0.0144423	0.459224	-2.17759	0.40345	0.678751	-1.47329	0.243142	1.44857	1.44857	1.0696	3.47992	2.89199	1
cg23988709	SLC12A7	0.467591	0.731992	0.884752	-1.13026	0.0221672	0.376507	-2.65599	0.906149	0.958861	-1.0429	0.433351	0.75219	-1.32945	0.761044	0.897052	-1.11476	0.650631	0.850108	-1.17632	0.285633	0.673683	-1.48438	0.9267	0.967757	-1.03332	0.1313111	0.69976	-1.42906	1.0696	2.14912	1.78603	1
cg16378152	HOOK1	0.467592	0.338229	1.23381	1.23381	0.40251	1.6015	1.6015	0.229533	2.63996	2.63996	0.310554	2.23095	2.23095	0.364623	2.23739	2.23739	0.463333	1.76871	1.76871	0.180635	2.96231	-1.04792	0.0478055	5.63332	5.63332	0.0058844	2.77147	2.77147	1.06959	9.88574	8.23157	1
cg15090119	TBC1D9;TBC1D9B	0.467606	0.917953	0.959896	-1.04178	0.314181	1.51206	1.51206	0.601558	0.81117	-1.23279	0.480438	0.752077	-1.32965	0.043841	0.398414	-2.50995	0.296549	0.650554	-1.53715	0.070595	0.985464	-1.01475	0.561267	0.791881	-1.26282	0.350762	0.682834	-1.46448	1.06957	2.67295	2.22142	1
cg00242534	PSMB1;TBP	0.467611	0.667366	0.779218	-1.28331	0.418474	1.10936	1.10936	0.569759	1.07465	1.07465	0.716618	1.04667	1.04667	0.870489	0.979789	-1.02063	0.431192	1.1061	1.1061	0.515091	0.92057	-1.08628	0.298339	0.873168	-1.14525	0.564953	1.07402	1.07402	1.08557	0.263492	0.188784	1
cg02813863	APOLD1;APOLD1	0.467611	0.336968	1.60067	1.60067	0.164662	2.03845	2.03845	0.0748436	0.389515	-2.5673	0.904771	0.944314	1.45852	0.857031	0.745447	-1.0829	0.985554	1.03864	1.03864	0.476099	1.44025	-1.41025	0.437327	1.45719	1.45719	0.90048	0.942281	-1.06125	1.06956	3.82513	3.17898	1
cg01525976	PTPRR	0.46762	0.731012	1.14094	1.14094	0.326161	1.47307	1.47307	0.0615867	0.447304	-2.23561	0.428921	1.36145	1.36145	0.134283	1.46471	1.46471	0.827052	1.0872	1.0872	0.771286	0.8955508	-1.11669	0.896102	0.9396159	0.713961	-1.40064	0.996606	0.998376	-1.00163	1.06954	2.47296	2.05526	1
cg04829448	SPHKS;SPHKS;SPINK5	0.467628	0.378954	2.405459	-2.34488	0.272599	0.767577	-1.31411	0.594983	1.08008	1.08008	0.577007	0.58742	-1.70236	0.0885651	0.610674	-1.6505	0.869626	0.957448	-1.04444	0.294121	1.29386	1.29386	0.0102001	2.930224	-5.2077	0.8237515	1.23449	1.23449	1.06953	15.1003	12.55	1
cg00230685	SCML1;SCML1;SCML1;SCML1	0.467628	0.205368	0.209274	-4.77842	0.950246	1.07578	1.07578	0.921326	1.1226	1.1226	0.147104	6.18057	6.18057	0.30906	3.42939	3.42939	0.129803	0.147226	-6.79227	0.738371	0.6754118	-1.48057	0.876049	1.20049	1.20049	0.928364	0.900084	-1.11101	1.06953	23.214	19.2933	1
cg07891268	CAMK3;CAMK3;CAMKK1	0.467634	0.384439	0.631096	-1.58404	0.204209	1.01526	1.01526	0.219462	1.94745	1.94745	0.650584	1.7902382	-1.28157	0.269182	0.552134	-1.81115	0.662753	1.25421	1.25421	0.36661	0.606393	-1.64916	0.919265	0.587856	-1.7011	0.424983	0.656094	-1.52278	1.0695	4.51284	3.75072	1
cg00615260	CDC20	0.467635	0.98268211	0.700996	-1.4266	0.770039	0.947252	-1.05569	0.285428	0.814559	-1.22766	0.195522	1.28799	0.745398	1.06207	1.06207	1.06207	0.519555	0.886304	-1.12828	0.869185	1.03094	1.03094	0.42995	1.04109	1.04109	0.527899	0.888492	-1.12555	1.06955	0.578907	0.481143	1
cg11653858	SLC13A2;SLC13A2;SLC13A2;SLC13A2	0.467648	0.5716	1.23921	1.23921	0.207836	0.607591	-1.64584	0.317512	0.678649	-1.47352	0.273207	1.53391	1.53391	0.145013	0.555882	-1.79894	0.601895	1.21832	1.21832	0.371562	1.41087	1.41087	0.658351	0.846235	-1.1817	0.940272	0.972277	-1.02851	1.06949	2.38415	1.98155	1
cg11453400	AFAP1L2;AFAP1L2	0.467651	0.974575	0.985204	-1.01502	0.0147	1.66525	1.66525	0.284024	1.68301	1.68301	0.424374	1.46455	1.46455	0.358108	0.647228	-1.55587	0.265926	0.58144	-1.71984	0.8950582	1.0665	1.0665	0.650955	0.942398	-1.06111	0.25947	0.898312	1.06163	1.06163	1.06948	3.70588	2.98011	1
cg25297849	HH	0.467651	0.489988	1.13568	1.13568	0.106575	1.37672	1.37672	0.28329	1.22498	1.22498	0.996803	1.00073	1.00073	0.748045	1.06022	1.06022	0.14621	0.753516	-1.32711	0.87497	1.02898	1.02898	0.830163	1.03974	1.03974	0.233885	1.25411	1.25411	1.06948	0.557576	0.463424	1
cg04110356	PPP2R5E	0.467652	0.677342	1.1669	1.1669	0.454642	1.18636	1.18636	0.0772328	1.42232	1.42232	0.479736	1.30248	1.30248	0.0575456	0.453908	-2.20265	0.426117	0.70506	-1.41896	0.34443	0.757098	-1.75103	0.0411241	0.861629	-1.16059	0.858832	1.06869	1.06869	1.06948	2.37598	1.9696	1
cg03450076	ATP11A;ATP11A	0.467653	0.981056	0.987982	-1.01216	0.59112	1.31807	1.31807	0.611104	1.29842	1.29842	0.509834	1.40559	1.40559	0.188389	0.491774	-2.03345	0.222301	0.520405	-1.92158	0.0801091	0.372038	-2.6879	0.981538	0.988286	-1.01185	0.477906	0.692509	-1.44403	1.06948	4.39246	3.65076	1
cg01210739	S1PR1	0.467655	0.157425	0.366012	-2.72545	0.384968	1.8051	1.8053	0.775361	0.827167	-1.20895	0.381186	0.551188	-1.81426	0.0967752	0.298492	-3.35017	0.418454	0.577923	-1.73043	0.149351	0.358264	-2.79124	0.617392	0.716046	-1.39656	0.653844	0.741299	-1.34898	1.06947	0.744982	0.619189	1
cg18931603	FBXW7	0.467666	0.474942	1.28258	1.28258	0.452459	0.731791	-1.36691	0.275197	0.476496	2.09876	0.525133	1.50428	1.50428	0.0450112	1.29388	1.29388	0.676604	1.15381	1.15381	0.92209	0.86743	-1.01367	0.0402194	0.563403	-1.77465	0.360528	0.725667	-1.37804	1.06946	1.97104	1.63824	1
cg02075822	HIP1	0.467667	0.681962	1.17993	1.17993	0.23178	1.65472	1.65472	0.174613	1.78575	1.78575	0.949351	1.02584	1.02584	0.228001	0.601637	-1.66219	0.601299	1.23579	1.23579	0.321658	1.50855	1.50855	0.114107	1.99412	1.99412	0.7938	1.11092	1.11092	1.06945	2.73131	2.27016	1
cg19400421	C19orf60;C19orf60	0.467667	0.680668	1.12984	1.12984	0.841008	0.583933	-1.7144	0.109821	0.55722	-1.79502	0.335026	1.64015	1.64015	0.0441469	0.550604	-1.81707	0.553347	1.4021	1.4021	0.380581	1.61592	1.61592	0.0276187	3.992416	-1.03837	0.157129	2.24004	2.24004	1.06943	4.8122	3.99979	1
cg04676388	DET1;DET1;DET1	0.467686	0.947984	0.986639	-1.01354	0.388151	0.833374	-1.19994	0.915459	1.02213	1.02213	0.104477	1.44179	1.44179	0.426	1.16668	1.16668	0.942884	1.01488	1.01488	0.205553	1.34198	1.34198	0.267852	1.05764	1.05764	0.874655	0.748147	1.13664	1.06942	0.719937	0.598406	1
cg08239458	HTATSF1;HTATSF1;HTATSF1	0.467692	0.208411	0.236573	-4.22703	0.158027	0.193873	-5.15801	0.575595	0.54076	-1.84925	0.276908	3.41842	3.41842	0.286828	3.3273	3.3273	0.241218	0.263562	-3.79417	0.863367	1.19757	1.19757	0.902463	0.875238	-1.14255	0.705481	0.661865	-1.51088	1.0694	20.0098	16.6324	1
cg04546895	GOLPH3;GOLPH3	0.467699	0.402363	2.48352	-2.48352	0.15008	0.462462	-2.16462	0.245616	0.955763	-1.04629	0.645425	0.82652	-1.20979	0.645425	0.765769	-1.44489	0.64804	1.5229	1.5229	0.132885	1.55679	1.55679	0.0384582	1.24988	1.24988	0.784059	0.933802	-1.07089	1.06939	1.04542	0.749134	0.749134	1
cg04273156	HEATR1	0.467713	0.184612	0.627064	-1.59473	0.53179	1.23375	1.23375	0.941554	0.975974	-1.02462	0.611381	0.843709	-1.18524	0.0616797	0.49756	-2.00981	0.808004	0.922428	-1.0841	0.300557	0.700621	-1.42731	0.548673	0.817685	-1.22296	0.176163	0.620657	-1.6112	1.06936	1.86304	1.54862	1
cg05158913	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2	0.467713	0.92908	0.926734	-1.07906	0.726829	1.34957	1.34957	0.9413	0.938993	-1.06497	0.975567	0.974163	-1.02652	0.0227536	0.0972894	-10.2786	0.640831	0.669239	-1.49423	0.29041	0.391475	-2.55444	0.471431	0.534646	-1.8704	0.745895	0.757353	-1.32039	1.06936	12.3736	10.2853	1
cg17679450	MACF1	0.467715	0.368812	0.56226	-1.76597	0.386312	1.77155	1.77155	0.353479	1.84918	1.84918	0.717661	0.8053362	-1.24168	0.478985	0.629118	-1.58953	0.413181	0.583504	-1.71378	0.0950701	0.2534665	-3.94532	0.83257	1.14605	1.14605	0.523417	0.65941	-1.51651	1.06936	7.02237	5.83723	1
cg00337305	PSMA3;PSMA3	0.467717	0.9983807	1.00012	1.00012	0.997811	1.30931	1.30931	0.0977328	1.42232	1.42232	0.479736	1.30248	1.30248	0.0575456	0.453908	-2.20265	0.426117	0.70506	-1.41896	0.34443	0.757098	-1.75103	0.0411241	0.861629	-1.16059	0.858832	1.06869	1.06869	1.06948	2.37598	1.9696	1
cg13374867	C5orf34;C5orf34	0.467718	0.280702	0.625064	-1.59983	0.614068	1.2375	1.2375	0.540251	1.29672	1.29672	0.515613	1.90375	1.90375	0.238221	1.67821	1.67821	0.841423	0.919477	-1.08757	0.522827	0.762309	-1.3118	0.922868	0.960227	-1.04142	0.193501	0.5618	-1.77999	1.06935	2.97442	2.47245	1
cg23846143	NOTCH2	0.467725	0.322324	1.60012	1.60012	0.155808	0.582	-1.7182	0.113287	0.582	-1.7182	0.113287	1.90157	1.90157	0.164056	1.57913	1.57913	0.760204	1.3244	1.3244	0.0972406	1.21294	1.21294	0.0911	1.56758	1.56758	0.0073407	1.41241	1.41241	1.06935	0.61835	0.513878	1.94441	1
cg13830799	GRM1;GRM1	0.467733	0.931213	0.975112	-1.02552	0.624762	1.54228	-1.84424	0.466615	0.241143	1.24143	0.616181	1.15898	1.15898	0.243542	1.42803	1.42803	0.638735	1.14802	1.14802	0.93097	1.1701	1.1701	0.921377	1.02924	1.02924	0.349632	1.75498	1.75498	1.06941	1.32454	1.06933	1.44328	1.19974	1
cg03747403	ATPAF1;ATPAF1	0.467742	0.354087	0.845203	-1.18315	0.297574	1.20983	1.20983	0.0612848	1.45057	1.45057	0.443922	0.871376	-1.14761	0.933784	0.985449	-1.01477	0.95755	1.00943	1.00943	0.502065	0.886768	-1.12769	0.528854	1.11912	1.11912	0.676157	0.928577	-1.07692	1.06931	0.526096	0.438049	1
cg08468913	SEMA5B	0.467744	0.438959	2.28564	-2.28564	0.345268	0.593933	-1.7144	0.109821	0.55722	-1.79502	0.335026	1.64015	1.64015	0.0441469	0.550604	-1.81707	0.553347	1.4021	1.4021	0.380581	1.61592	1.61592	0.0276187	3.992416	-1.03837	0.157129	2.24004	2.24004	1.06943	4.8122	3.99979	1
cg13781820	TNKS2	0.467754	0.985637	0.67584	1.67584	0.245417	0.718796	-1.39122	0.70744	1.07089	1.07089	0.312783	0.752955	-1.3281	0.607064	1.1514	1.1514	0.9067	1.03238	1.03238	0.463679	1.22471	1.22471	0.431745	1.24367	1.24367	0.360348	1.29119	1.29119	1.06929	1.25077	1.03976	1
cg00082388	NCOR2;NCOR2	0.467756	0.861711	0.897977	-1.11393	0.731391	1.38931	1.38931	0.0183859	1.31045	1.31045	0.833469	0.892739	-1.12015	0.0496284	0.752535	-1.32859	0.676426	1.15381	1.15381	0.92209	0.86743	-1.01367	0.0402194	0.563403	-1.77465	0.360528	0.725667	-1.37804	1.06946	1.97104	1.63824	1
cg02075822	HIP1	0.467667	0.681962	1.17993	1.17993	0.23178	1.65472	1.65472	0.174613	1.78575	1.78575	0.949351	1.02584	1.02584	0.228001	0.601637	-1.66219	0.601299	1.23579	1.23579	0.321658	1.50855	1.50855	0.114107	1.99412	1.99412	0.7938	1.11092	1.11092	1.06945	2.73131	2.27016	1
cg19400421	C19orf60;C19orf60	0.467667	0.680668	1.12984	1.12984	0.841008	0.583933	-1.7144	0.109821	0.55722	-1.79502	0.335026	1.64015	1.64015	0.0441469	0.550604	-1.81707	0.553347	1.4021	1.4021	0.380581	1.61592	1.61592	0.0276187	3.992416	-1.03837	0.157129	2.24004	2.24004	1.06943	4.8122	3.99979	1
cg04676388	DET1;DET1;DET1	0.467686	0.947984	0.986639	-1.01354	0.388151	0.833374	-1.19994	0.915459	1.02213	1.02213	0.104477	1.44179	1.44179	0.426	1.16668	1.16668	0.942884	1.01488	1.01488	0.205553	1.34198	1.34198	0.267852	1.05764	1.05764	0.874655	0.748147	1.13664	1.06942	0.719937	0.598406	1
cg08239458	HTATSF1;HTATSF1;HTATSF1	0.467692	0.208411	0.236573	-4.22703	0.158027	0.193873	-5.15801	0.575595	0.54076	-1.84925	0.276908	3.41842	3.41842	0.286828	3.3273	3.3273	0.241218	0.263562	-3.79417	0.863367	1.19757	1.19757	0.902463	0.875238	-1.14255	0.705481	0.661865	-1.51088	1.0694	20.0098	16.6324	1
cg05464895	GOLPH3;GOLPH3	0.467699	0.402363	2.48352	-2.48352	0.15008	0.462462	-2.16462	0.245616	0.955763	-1.04629	0.645425	0.82652	-1.20979	0.645425	0.765769	-1.44489	0.64804	1.5229	1.5229	0.132885	1.55679	1.55679	0.0384582	1.24988	1.24988	0.784059	0.933802	-1.07089	1.06939	1.04542	0.749134	0.749134	1
cg04273156	HEATR1	0.467713	0.184612	0.627064	-1.59473	0.53179	1.23375	1.23375	0.941554	0.975974	-1.02462	0.611381	0.843709	-1.18524	0.0616797	0.49756	-2.00981	0.808004	0.922428	-1.0841	0.300557	0.700621	-1.42731	0.548673	0.817685	-1.22296	0.176163	0.620657	-1.6112	1.06936	1.86304	1.54862	1
cg05158913	A3;ATP2A3;ATP2A3	0.467713	0.92908	0.926734	-1.07906	0.726829	1.34957	1.34957	0.9413	0.938993	-1.06497	0.975567	0.974163	-1.02652	0.0227536	0.0972894	-10.2786	0.640831	0.669239	-1.49423	0.29041	0.391475	-2.55444	0.471431	0.534646	-1.8704	0.745895	0.757353	-1.32039	1.06936	12.3736	10.2853	1
cg17679450	MACF1	0.467715	0.368812	0.56226	-1.76597	0.386312	1.77155	1.77155	0.353479	1.84918	1.84918	0.717661	0.8053362	-1.24168	0.478985	0.629118	-1.58953	0.413181	0.583504	-1.71378	0.0950701	0.2534665	-3.94532	0.83257	1.14605	1.14605	0.523417	0.65941	-1.51651	1.06936	7.02237	5.83723	1
cg00337305	PSMA3;PSMA3	0.467717	0.9983807	1.00012	1.00012	0.997811	1.30931	1.30931	0.0977328	1.42232	1.42232	0.479736	1.30248	1.30248	0.0575456	0.453908	-2.20265	0.426117	0.70506	-1.41896	0.34443	0.757098	-1.75103	0.0411241	0.861629	-1.16059	0.858832	1.06869	1.06869	1.06948	2.37598	1.9696	1
cg13374867	C5orf34;C5orf34	0.467718	0.280702	0.625064	-1.59983	0.614068	1.2375	1.2375	0.540251	1.29672	1.29672	0.515613	1.90375	1.90375	0.238221	1.67821	1.67821	0.841423	0.919477	-1.08757	0.522827	0.762309	-1.3118	0.922868	0.960227	-1.04142	0.193501	0.5618	-1.77999	1.06935	2.97442	2.47245	1
cg23846143	NOTCH2	0.467725	0.322324	1.60012	1.60012	0.155808	0.582	-1.7182	0.113287	0.582	-1.7182	0.113287	1.90157	1.90157	0.164056	1.57913	1.57913	0.760204	1.3244	1.3244	0.0972406	1.21294	1.21294	0.0911	1.56758	1.56758	0.0073407	1.41241	1.41241	1.06935	0.61835	0.513878	1.94441	1
cg13830799	GRM1;GRM1	0.467733	0.931213	0.975112	-1.02552	0.624762	1.54228	-1.84424	0.466615	0.241143	1.24143	0.616181	1.15898	1.15898	0.243542	1.42803	1.42803	0.638735	1.14802	1.14802	0.93097	1.1701	1.1701	0.921377	1.02924	1.02924	0.349632	1.75498	1.75498	1.06941	1.32454	1.06933	1.44328	1.19974	1
cg03747403	ATPAF1;ATPAF1	0.467742	0.354087	0.845203	-1.18315	0.297574	1.20983	1.20983	0.0612848	1.45057	1.45057	0.443922	0.871376	-1.14761	0.933784	0.985449	-1.01477	0.95755	1.00943	1.00943	0.502065	0.886768	-1.12769	0.528854	1.11912	1.11912	0.676157	0.928577	-1.07692	1.06931	0.526096	0.438049	1
cg08468913	SEMA5B	0.467744	0.438959	2.28564	-2.28564	0.345268	0.593933	-1.7144	0.109821	0.55722	-1.79502	0.335026	1.64015	1.64015	0.0441469	0.550604	-1.81707	0.553347	1.4021	1.4021	0.380581	1.61592	1.61592	0.0276187	3.992416	-1.03837	0.157129	2.24004	2.24004	1.06943	4.8122	3.99979	1
cg13781820	TNKS2	0.467754	0.985637	0.67584	1.67584	0.245417	0.718796	-1.39122	0.70744	1.07089	1.07089	0.312783	0.752955	-1.3281	0.607064	1.1514	1.1514	0.9067	1.03238	1.03238	0.463679	1.22471	1.22471	0.431745	1.24367	1.24367	0.360348	1.29119	1.29119	1.06929	1.25077	1.03976	1
cg10082388	NCOR2;NCOR2	0.467756	0.861711	0.897977	-1.11393	0.731391	1.38931	1.38931	0.0183859	1.31045	1.31045	0.833469	0.892739	-1.12015	0.0496284	0.752535	-1.32859	0.676426	1.15381	1.15381	0.92209	0.86743	-1.01367	0.0402194	0.563403	-1.77465	0.360528	0.725667	-1.37804	1.06946	1.97104	1.63824	1
cg18405268	LSM14A;LSM14A	0.467757	0.344879	0.822038	-1.21649	0.163704	0.741276	-1.34903	0.862516	0.965680	-1.03553	0.863431	1.04255	1.04255	0.378234	0.833513	-1.19974	0.802	0.950648	-1.05191	0.388938	0.837068	-1.19465	0.17981	1.33237	1.33237	0.255509	1.27012	1.27012	1.06928	0.687116	0.571197	1
cg01864957	ZNF746;ZNF746	0.467765	0.380483	1.53214	1.53214	0.209953	0.405387	-2.46726	0.0144993	0.415114	-2.40855	0.0133294	1.64015	1.64015	0.0441469	0.550604	-1.81707	0.743759	0.64129	-1.55955	0.0184483	0.4805671	-2.08107	0.0258571	0.645216	-1.54987	0.0189027	0.360709	0.327797	1.06927	0.274476	0.60955	1
cg15105154	HIF2	0.467772	0.410563	1.70096	1.70096	0.352019	1.83046	1.83046	0.179525	2.45941	2.45941	0.742647	1.37837	1.37837	0.222126	2.74782	2.74782	0.656845	1.32611	1.32611	0.346785	0.5425031	-1.84331	0.22546	0.447727	-2.2335	0.927605	1.05908	1.05904	1.06925	0.74774	0.60955	1
cg12970292	SHC2 PDS5A;PDS5A;PDS5A;PDS5A;PDS5A;PD	0.46778	0.0637653	0.757639	-1.31989	0.544797	1.08505	1.08505	0.880328	1.02027	1.02027	0.752505	0.958742	-1.04303	0.60075	0.942877	-1.06058	0.251239	1.1731	1.1731	0.242947	0.849815	-1.17673	0.458009	0.90425	-1.10589	0.90379	1.01624	1.01624	1.06923	0.300378	0.249713	1
cg

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg01192746	MAPK9;MAPK9;MAPK9;MAPK9;MAPK9	0.468221	0.292913	0.456568	-2.18982	0.242916	2.40571	2.40571	0.316113	2.10551	0.801977	0.834836	-1.19784	1.61363	0.341457	-2.98262	0.544245	0.643448	-1.55413	0.228903	0.403702	-2.47708	0.816668	0.846348	-1.18155	0.398402	0.537347	-1.861	1.0684	8.73226	7.2651	1
cg17558126	RASSF5;RASSF5	0.468221	0.270202	0.430389	-2.32348	0.481266	1.6916	1.6916	0.531822	1.5921	1.5921	0.220212	0.388078	-2.5768	0.147778	0.319708	-3.12786		0.734691	0.778971	-1.28375	0.501718	1.64986	1.64986	0.354463	2.01282	2.01282	0.452954	0.570389	-1.75319	1.6084	9.1244	7.59137	1
cg26364080	ARMC9	0.468221	0.194681	0.283987	-3.52129	0.939722	0.932957	-1.07336	0.905718	1.13486	1.11486	0.411805	0.462996	-2.15984	0.071805	0.159804	-6.25563		0.360819	0.422327	-2.36783	0.108669	0.200769	-4.98084	0.593664	0.610084	-1.63912	0.2611	0.341142	-2.93133	1.06839	14.2475	11.8538	1
cg02277753	GPR123	0.468228	0.648902	1.34578	1.34578	0.055872	0.45683	2.06853	0.62893	1.37095	1.37095	0.526175	1.51607	1.51607	0.546993	0.673764	-1.4842		0.881389	0.907797	-1.10157	0.141261	0.34351	3.04351	0.28987	2.0375	2.0375	0.823312	1.15591	1.15591	1.06836	7.10251	5.90936	1
cg17030204	SNX14;SNX14	0.468249	0.323084	1.2271	1.2271	0.191305	1.31971	1.31971	0.620386	1.1053	1.1053	0.2466533	0.784283	-1.27505	0.909794	0.977552	-1.02209		0.89276	0.973316	-1.02742	0.116302	0.7102	-1.40805	0.49921	1.14745	1.14745	0.833992	0.958791	-1.04208	1.08434	0.6802258	0.566025	1
cg20624157	AIAP1;AIAP1	0.468261	0.143689	0.506041	-1.97613	0.674818	1.20074	1.20074	0.637475	0.8140006	-1.22849	0.755461	0.873324	-1.14505	0.0642355	0.405954	-2.46333		0.132508	0.49472	-2.02134	0.938508	0.9671033	-1.03402	0.590157	0.789085	-1.26585	0.414829	0.69672	-1.4353	1.06832	3.18033	2.64617	1
cg21268575	ASTN1;ASTN1	0.468261	0.848228	0.962383	-1.03849	0.658827	0.921538	-1.08279	0.1066611	1.33073	1.33073	0.920407	1.01805	1.01805	0.289208	1.22103	1.12102		0.871067	1.0295	1.0295	0.0899195	0.715611	-1.39741	0.880382	1.02732	1.02732	0.891453	0.976297	-1.02428	1.08832	0.5422007	0.45114	1
cg21203099	TBX2	0.468265	0.998256	1.00137	1.00137	0.459893	0.646559	-1.54665	0.463887	1.83266	1.83266	0.186356	1.79836	1.79836	0.779865	1.39836	1.39836		0.607525	0.723512	-1.38215	0.200615	0.429776	-2.32679	0.779985	1.1913	1.1913	0.915557	1.0685	1.0685	1.0831	6.60321	5.4942	1
cg25655333	SLC12A7	0.468279	0.946079	0.970244	-1.03067	0.0323085	3.06324	3.06324	0.879994	1.0698	1.0698	0.828154	0.907474	-1.10196	0.938844	1.03486	1.03486		0.403825	0.68282	-1.46451	0.433814	1.4286	1.4286	0.885739	1.06632	1.06632	0.463906	0.716806	-1.39508	1.08228	3.37488	2.80814	1
cg04998798	TFDP1;TFDP1	0.468281	0.933301	1.02992	1.02992	0.576422	1.18231	1.18231	0.140957	1.34097	1.34097	0.0146227	1.54004	1.54004	0.0298398	1.70944	1.70944		0.155731	1.70742	-1.38215	0.0200615	0.429776	-2.32679	0.779985	0.97007	-1.02174	0.74046	0.889509	-1.12422	1.08228	2.09902	1.74654	1
cg12627273	LOC100190938;RAMP2;LOC100190938	0.468289	0.409362	0.877076	-1.14015	0.270281	1.19535	1.19535	0.925373	0.985542	-1.01467	0.801225	0.961544	-1.03999	0.129852	0.775419	-1.28963		0.330739	0.855553	-1.16884	0.630462	1.07826	1.07826	0.523205	0.904315	-1.10581	0.202187	1.23284	1.23284	1.08227	0.4088831	0.340182	1
cg23530917	ATP4B ASFAR1;ASFAR1;ASFAR1;FMR1;ASFM R1;ASFMR1	0.468291	0.191338	0.403602	-2.47769	0.220265	0.429424	-2.3287	0.413861	1.72956	1.72956	0.895656	0.917539	-1.08987	0.0661433	0.258759	-3.8646		0.580247	0.693251	-1.44248	0.987829	1.01005	1.01005	0.362611	0.541341	-1.84726	0.903351	1.08293	1.08293	1.08626	7.27793	6.05588	1
cg04744025	RI;ASPM1	0.468291	0.271008	0.313235	-3.1925	0.434049	0.445505	-2.24464	0.240695	0.288178	-3.47008	0.483027	0.20587	2.05876	0.859417	0.835624	-1.19671		0.077705	0.137238	-7.28659	0.879496	0.1983778	0.853783	0.751423	-1.33081	0.168626	17.359	14.4442	1
cg00733973	RP2	0.468298	0.128362	0.177651	-5.62902	0.6215	0.592625	-1.68741	0.479665	0.469819	-2.12848	0.180421	0.46066	0.46066	0.753215	0.71779	-1.39317		0.139576	0.187994	-5.31933	0.541383	1.91544	1.91544	0.883376	1.16685	1.16685	0.881911	0.855332	-1.16914	0.68251	18.6983	15.5589	1
cg10246549	KCNN3;KCNN3	0.468303	0.26771	1.23176	1.23176	0.107961	1.33528	1.33528	0.404682	0.868872	-1.15092	0.547771	0.904586	-1.10582	0.445262	1.13687	1.13687		0.650263	1.07815	1.07815	0.3150501	1.28835	1.28835	0.863776	1.02915	1.02915	0.331175	1.17974	1.17974	1.06424	0.459809	0.38261	1
cg11226708	MORN4;MORN4	0.468305	0.282211	1.32044	1.32044	0.279529	-1.28447	0.399396	0.868872	1.26356	1.26356	0.163182	1.55288	1.55288	0.907757	1.20521	1.20521		0.246381	1.35193	1.35193	0.7806868	0.932922	-1.0719	0.993747	1.24288	1.24288	0.803027	0.939726	-1.06414	1.08424	1.04679	0.871046	1
cg13790603	THRB;THRB;THRB	0.46831	0.987459	1.00288	1.00288	0.920191	1.0185	1.0185	0.113002	1.37086	1.37086	0.915225	1.01966	1.01966	0.105328	1.38209	1.38209		0.343948	1.19516	1.19516	0.3111	0.825601	-1.21124	0.283243	1.22615	1.22615	0.628951	1.09312	1.09312	1.08223	0.5657764	0.470782	1
cg09465703	JMJD8	0.468311	0.410054	0.33751	-3.0731	0.173055	0.899788	0.899788	0.0274827	12.692	12.692	0.84793	1.29144	1.29144	0.206125	0.59524	0.43123		0.222829	0.51007	-1.96087	0.482687	2.54918	2.54918	0.680085	1.1974	1.1974	0.539891	1.22851	1.22851	1.08822	30.0275	24.9864	1
cg04435320	TCP11L1;TCP11L1	0.468315	0.830606	0.927057	-1.07868	0.104211	1.87385	1.87385	0.342068	1.41353	1.41353	0.423512	1.33509	1.33509	0.526795	0.79714	-1.25448		0.65311	0.852187	-1.17345	0.900808	0.956872	-1.04507	0.134977	1.76774	1.76774	0.457952	0.765508	-1.30632	1.08222	2.11468	1.75967	1
cg05791506	UOX;DNAJC28	0.468316	0.294918	0.445738	-2.24497	0.572892	0.922944	-1.44312	0.0469356	0.228526	4.37587	0.504592	0.644348	-1.55196	0.0940936	0.502801	-1.98925		0.535609	0.605544	-1.6513	0.0443415	0.531483	-1.88153	0.854994	0.889151	-1.12467	0.638676	0.734456	-1.36155	1.08221	0.7653615	0.593025	1
cg24776498	LRP6 PPM1J;PPM1J;SIRT3;PSMD13;PSMD	0.468323	0.723447	0.917143	-1.09034	0.176416	0.704782	-1.41888	0.502386	1.18024	1.18024	0.736454	0.92106	-1.08571	0.746089	1.0823	1.0823		0.675331	1.10799	1.10799	0.0448893	1.72893	1.72893	0.744612	1.08282	1.08282	0.808781	0.942687	-1.0608	1.0682	1.00261	0.834309	1
cg11949253	11;SIRT3	0.468329	0.241086	0.851896	-1.17385	0.0946021	1.27123	1.27123	0.382725	1.12403	1.12403	0.616282	1.06822	1.06822	0.892418	0.982611	-1.0177		0.683674	1.05497	1.05497	0.113796	1.25198	1.25198	0.666357	1.05829	1.05829	0.893986	1.01757	1.01757	1.06819	0.2886626	0.240179	1
cg11735371	ATAD3B	0.46834	0.433387	0.671636	-1.4889	0.60876	0.773336	-1.2931	0.785401	0.872935	-1.14556	0.360347	0.626115	-1.59715	0.0396292	0.305828	-3.26981		0.140793	0.454393	-2.20074	0.236343	0.539123	-1.85486	0.31823	0.598307	-1.67138	0.550148	0.740061	-1.35124	1.06817	4.19398	3.49007	1
cg04834	KIF13X;KIF17	0.46834	0.306564	0.765055	1.41853	0.127899	1.38574	1.38574	0.631063	1.18126	1.18126	0.642367	0.884978	1.12977	0.884978	1.12977	1.06249		0.717259	0.934079	-1.07042	0.353965	1.19541	1.19541	0.800897	0.903164	-1.10677	0.764455	0.955284	1.08911	1.08911	0.6544155	0.552684	1
cg03659940	LILG2;LILG2;LILG2	0.468342	0.354373	0.51591	-1.93832	0.86549	1.12497	1.12497	0.434969	1.72923	1.72923	0.812175	0.846914	-1.18076	0.0635706	0.234844	-4.25815		0.680383	1.749775	-1.33138	0.153636	0.327228	-3.05098	0.327308	0.495404	-2.01855	0.961191	0.966766	-1.03438	1.08616	8.16206	6.79218	1
cg18192419	EEF5EC	0.468344	0.137504	0.61309	-1.63108	0.786592	0.895258	-1.117	0.0978084	0.573742	-1.74294	0.720847	0.896057	-1.116	0.306583	0.724448	-1.38036		0.687183	0.883537	-1.13181	0.222778	1.47975	1.47975	0.975809	0.990768	-1.00932	0.478309	0.802121	-1.24669	1.08616	1.58282	1.31717	1
cg00077442	ESR2	0.468345	0.841529	0.973223	-1.02705	0.0151773	1.38574	1.38574	0.631063	1.18126	1.18126	0.642367	0.884978	1.12977	0.884978	1.12977	1.06249		0.715414	1.05406	1.05406	0.4804279	1.3168	1.3168	0.880357	1.1305	1.1305	0.597592	1.07841	1.07841	0.383099	1.13517	1.13517	1.0816	0.2828665	0.235121	1
cg06775574	ACBD4;ACBD4;ACBD4;ACBD4	0.468345	0.230652	0.31457	-3.17895	0.388208	0.443359	-2.25551	0.0748411	0.161237	-6.20203	0.349496	0.412398	-2.42484	0.29314	0.366773	-2.72648		0.581066	0.598925	-1.66966	0.135241	0.227435	-4.39685	0.200435	0.288278	-3.46888	0.214281	0.300436	-3.3285	1.06816	14.3103	11.9085	1
cg10434728	IQGAP1	0.468349	0.397393	1.53276	1.53276	0.0289352	0.95605	-1.04597	0.0561011	0.236922	-4.22078	0.885143	0.760923	-1.31473	0.0430035	0.703464	-1.42209		0.153609	0.607544	-1.6457	0.0844158	0.836663	1.19553	0.814984	0.889151	-1.12467	0.638676	0.734456	-1.36155	1.08221	0.7653615	0.593025	1
cg26322865	LPPR2;LPPR2;LPPR2;LPPR2	0.468349	0.579092	0.887682	-1.12653	0.491962	0.862084	-1.15998	0.894158	0.972094	-1.02871	0.87976	0.968326	-1.03271	0.85044	1.04095	1.04095		0.133653	0.708948	-1.41054	0.67724	0.914844	-1.09308	0.0613894	1.56538	1.56538	0.787107	1.05925	1.05925	1.06815	0.7648826	0.636468	1
cg26239085	COMMD7;COMMD7	0.468354	0.851722	0.922996	-1.08343	0.905792	1.05201	1.05201	0.38388	1.46572	1.46572	0.805336	0.89966	-1.11153	0.152781	0.519055	-1.92658		0.094789	0.455549	-2.19515	0.857445	0.929232	-1.08104	0.235396	1.70324	1.70324	0.67032	0.832454	1.20127	1.06814	3.10219	2.58159	1
cg04467639	COPB1;COPB1;COPB1	0.468355	0.464552	0.719624	1.37852	0.29565	-1.49775	0.641202	0.0744944	-1.44312	0.0469356	0.228526	4.37587	0.504592	0.644348	-1.55196	0.0940936	0.502801	-1.98925	0.0200615	0.429776	-2.32679	0.779985	0.92401	-1.08253	0.0844158	0.836663	1.19553	0.814984	0.889151	-1.12467	0.638676	0.734456	-1.36155	1.08221	0.7653615	0.593025	1
cg17390120	MDN1	0.468386	0.227827	0.665816	-1.50192	0.195872	1.5519	1.5519	0.226647	1.50362	1.50362	0.457752	1.27502	1.27502	0.297234	0.706545	-1.41514		0.345226	1.36665	1.36665	0.525934	0.813431	-1.22936	0.769235	1.09914	1.09914	0.95543	0.982202	-1.01812	1.06808	1.74638	1.45339	1
cg10521450	SNRNP35	0.468387	0.848308	1.21624	1.21624	0.275576	0.606206	-1.49273	0.421365	0.553934	-1.93823	0.516369	0.68909	-1.45069	0.0927408	0.827432	-1.20883		0.510042	1.7232	1.7232	0.0657071	1.56789	1.56789	0.82745	1.52451	1.52451	0.317947	1.22703	1.22703	1.06808	0.1788	0.15364	1
cg10097813	SLC25A3;SLC25A3;SLC25A3	0.468391	?	?	?	0.637964	-1.48376	0.548905	0.596871	1.26756	-1.6172	0.362556	0.448884	-2.22725	0.900307	1.11166	1.11166		?	?	?	0.632022	0.663721	-1.50665	0.837052	0.83982	-1.19073	0.441323	0.121694	-8.21731	1.08517	1.13881	1.72844	1
cg10567975	CCDC146;CCDC146	0.468396	0.0687428	0.572827	-1.74573	0.457624	1.22983	1.22983	0.4067	1.26131	1.26131	0.608	0.868054	-1.152	0.748446	1.09199	1.09199		0.335258	1.31229	1.31229	0.306469	0.748579	-1.33586	0.707884	1.10844	1.10844	0.803129	1.07139	1.07139	1.06806	1.26537	1.0531	1
cg01159980	FAM134B;FAM134B;FAM134B	0.4684	0.714884	0.736425	-1.35804	0.422879	0.0198948	-1.0882	0.370588	0.881597	-1.13431	0.319	1.15161	1.15161	0.510993	1.08876	1.08876		0.363197	0.879774	-1.13656	0.0613358	0.740407	-1.33503	0.731909	1.04826	1.04826	0.924777	1.01303	1.01303	1.06791	0.317755	0.264488	1
cg04263367	PCBD2	0.4684	0.355122	0.785644	-1.27284	0.393059	0.801001	-1.24844	0.933001	1.02155	1.02155	0.0446817	0.557352	-1.7942	0.0474078	0.836158	-1.19595		0.520546	0.847746	-1.1796	0.278921	1.33044	1.33044	0.991813	0.997401	-1.00261	0.939892	0.981055	-1.01931	1.06805	1.08803	0.905515	1
cg07145988	RERE;RERE PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PD E9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9	0.468403	0.971103	1.01778	1.01778	0.456213	1.44648	1.44648	0.854935	1.09311	1.09311	0.783322	1.1435	1.1435	0.873867	0.925631	-1.08034		0.56136	1.13066	1.13066	0.393558	1.52978	1.52978	0.0484402	2.99453	2.99453	0.0806892	2.56582	2.56582	1.06805	4.00254	3.33113	1
cg15687973	A;PDE9A;PDE9A;PDE9A;POE	0.46849	0.868117	1.03737	1.03737	0.279867	0.780351	-1.28147	0.282057	1.52992	-1.63161	0.847996	-1.17925	0.753053	0.926516	-1.07931	0.179966	1.37165	1.37165	0.0655104	0.729504	1.37165	1.37165	0.0655104	0.729504	1.37165	1.37165	0.0655104	0.729504

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(1057 vs. N)	Fold-Change(1 vs.057)	p-value(1117 vs. N)	Fold-Change(1 vs.117)	p-value(1127 vs. N)	Fold-Change(1 vs.127)	p-value(1217 vs. N)	Fold-Change(1 vs.217)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.477)	p-value(1537 vs. N)	Fold-Change(1 vs.537)	p-value(1577 vs. N)	Fold-Change(1 vs.577)	p-value(1637 vs. N)	Fold-Change(5 vs.637)	F(Error)	SS(Test)	SS(Error)
cg14290287	TXNRD1;TXNRD1;TXNRD1;TXNRD1;TXN		0.535409	0.793424	-1.26036	0.950114	1.02334	1.02316	1.60848	1.60848	0.778023	0.90105	-1.10982	0.076548	0.483682	-2.06747	0.290869	0.667574	-1.49796	0.441535	0.748763	-1.33554	0.945951	0.975314	-1.02531	0.42305	1.35214	1.35214	1.06705	2.2971	1.91356	1
cg13424229	CPA3	0.46894	0.352592	0.762312	-1.3118	0.73598	1.10078	1.10078	0.4124 19	0.788383	-1.26842	0.373489	0.771663	-1.2959	0.374577	0.772142	-1.2951		0.316151	0.745242	-1.34185	0.084609	1.71805	1.71805	0.451652	0.804467	-1.24306	0.753257	0.914413	-1.0936	1.06703	1.36042	1.1333	1
cg15392909	MPP3;MPP3	0.46947	0.927185	1.05944	1.05944	1.26268	1.078372	1.078372	0.187998	2.41397	2.41397	0.227878	2.224556	2.226456	0.2852 85	0.496082	-1.20162		0.679507	0.769183	-1.30208	0.637266	0.740798	-1.3499	0.271216	2.06379	2.06379	0.457477	0.620043	-1.61279	1.06701	6.74331	5.6176	1
cg11711114	NCKAP1;NCKAP1	0.46895	0.268818	0.728811	-1.3721	0.747989	0.915261	-1.09258	0.941401	0.980000	-1.0204	0.285566	0.737378	-1.35616	0.200533	0.68978	-1.44974		0.467965	0.816402	-1.22489	0.0848086	0.559429	-1.68797	0.204203	0.692087	-1.44491	0.119003	0.628284	-1.59164	0.16699	1.27498	1.06216	1
cg14203224	LOC100272217;FUBP3	0.46896	0.172303	1.94842	1.94842	0.532558	0.747848	-1.33717	0.32818	1.59026	1.59026	0.776862	1.13951	1.13951	0.656728	1.22826	1.22826		0.818605	0.899796	-1.11136	0.164873	1.97588	1.97588	0.969274	0.170786	1.01786	1.01786	1.07456	2.2	1.49572	0.49857	1.26007	0.37043	1
cg02447471	DYNC1I1;DYNC1I1;DYNC1I1	0.46897	0.668357	0.890313	-1.1232	0.318599	0.757385	-1.32033	0.479397	0.823794	-1.2139	0.807639	0.936356	-1.06797	0.336306	0.765472	-1.30638		0.851806	1.05171	1.05171	0.774353	0.925437	-1.08057	0.08531441	1.66998	1.66998	0.173593	0.676851	-1.47743	1.06697	1.2281	1.02312	1
cg23018111	DKFZp566F0947	0.46898	0.203252	0.515887	-1.93941	0.585321	0.915922	-1.09191	0.262587	1.77626	1.77626	0.640606	1.26076	1.26076	0.244339	0.549686	-1.82254		0.397502	0.567282	-1.76226	0.0679 11	0.881123	-1.01924	0.23479	0.543134	-1.84729	0.368225	1.57692	1.57692	1.06696	4.10996	3.41904	1
cg08229183	CCDC146	0.46984	0.856588	1.03927	1.03927	0.165168	1.34875	1.34875	0.613573	0.897254	-1.11451	0.237519	0.727483	1.27483	0.627118	1.10986	1.10986		0.392463	0.829835	-1.20506	0.260965	0.779101	-1.28353	0.785569	0.15078	1.05979	0.145637	1.39466	1.39466	1.06694	0.766023	0.638187	1
cg23366404	UNC119B	0.46899	0.519028	0.814014	-1.22848	0.187539	0.644253	-1.55219	0.231589	0.673703	-1.48433	0.785442	0.917688	-1.08969	0.344991	0.736258	-1.35822		0.103446	0.570861	-1.75174	0.434402	1.2854	1.2854	0.495047	1.2437	1.2437	0.829677	1.07016	1.07016	1.06693	1.67437	1.39496	1
cg14646164	CDC42EP1	0.46995	0.643869	0.838744	-1.19236	0.738185	0.645353	-1.54956	0.626107	1.31841	1.31841	0.589059	1.16294	1.16294	0.859772	1.16311	1.16311		0.960075	0.984063	-1.0162	0.104433	0.551469	-1.81355	0.536221	0.798309	1.26193	1.26193	1.06693	1.65333	1.54959	0.26692	2.4111	2.00877	1
cg00541638	USP7 CSGALNACT1;CSGALNACT1;CSGALNAC	0.46898	0.612046	0.660231	-1.51462	0.458365	1.84589	1.84589	0.345811	2.19931	2.19931	0.79101	0.806059	1.24206	0.768216	0.786706	1.27112		0.809333	0.821824	-1.21681	0.0577491	0.175222	-5.70704	0.315664	0.430767	-2.32144	0.2737	0.396672	-2.52097	1.06692	11.1349	9.27686	1
cg14957240	T1	0.46899	0.658388	1.2278	1.2278	0.446845	0.699359	-1.42988	0.762807	1.14981	1.14981	0.17968	1.9295	1.9295	0.281551	0.596808	-1.67558		0.571944	1.30137	1.30137	0.353673	0.643957	-1.5529	0.160524	1.99652	1.99652	0.491948	0.724761	-1.37976	1.06692	3.59437	2.99461	1
cg14926103	TPO;TPO;TPO;TPO	0.46900	0.578653	0.85483	-1.16982	0.132212	1.57501	1.93013	0.02482	1.02482	0.560156	0.861056	-1.16136	0.622313	1.1471	1.1471			0.946596	0.981445	-1.01891	0.226862	1.42583	1.42583	0.21629	0.695025	-1.4388	0.26939	0.724993	-1.37932	1.0669	1.32097	1.10056	1
cg11495351	OPALIN;OPALIN;OPALIN;OPALIN	0.46906	0.963666	1.03675	1.03675	0.913995	1.30697	-1.27072	0.556892	0.708725	-1.41099	0.088184	0.338388	-2.95519	0.191638	0.338388	-2.95519		0.160147	0.28535	-3.50715	0.143703	1.14065	1.14065	0.28635	0.078208	1.14065	1.14065	1.0669	0.726822	0.339338	1.24607	1.06697	0.57374	0.72708	1
cg19400297	REST	0.46901	0.83914	0.955861	-1.04618	0.107056	0.676563	-1.47806	0.611004	0.892321	-1.12067	0.799783	0.945117	-1.05807	0.741318	1.07635	1.07635		0.851957	0.959356	-1.04237	0.437627	0.838739	-1.19227	0.874941	1.0356	1.0356	0.0746732	1.55425	1.55425	1.06687	0.833507	0.694455	1
cg14535860	DDX27	0.46904	0.945924	1.0141	1.0141	0.971628	0.975107	-1.02624	0.207406	0.760041	-1.31572	0.689209	1.08052	1.08052	0.354602	1.31721	1.31721		0.154964	1.36911	1.36911	0.159236	1.36412	1.36412	0.846573	0.908805	1.04079	0.235445	1.29259	1.29259	1.06685	0.719828	0.599755	1
cg20902177	NT5C3L	0.46905	0.594176	0.866496	-1.15407	0.649427	0.575612	-1.73728	0.713945	0.908326	-1.10093	0.502589	0.83418	-1.19876	0.665466	0.818234	-1.22214		0.249397	0.725581	-1.37821	0.193678	0.691375	-1.44264	0.536853	0.846505	-1.18133	0.32418	1.31389	1.31389	1.06685	1.19974	0.999616	1
cg20446080	ZNHIT1;PDCD10;PLIO3	0.46907	0.121888	1.39482	1.39482	0.149383	1.36306	1.36306	0.764984	1.14929	1.14929	0.508522	1.3505	1.3505	0.232855	1.75146	1.75146		0.239406	0.509109	-1.75713	0.887929	0.938783	-1.06521	0.862486	0.925271	-1.08076	0.157366	0.507932	-1.96877	1.06684	3.39117	2.82551	1
cg10409968	C9orf25;DNAI1;C9orf25	0.46937	0.795464	1.05284	1.05284	0.626908	1.10197	1.10197	0.513799	1.1402 6	1.14026	0.338894	1.21575	1.21575	0.475465	1.15471	1.15471		0.741022	1.06795	1.06795	0.484962	0.68552	-1.45875	0.288798	1.24393	1.24393	0.317322	0.814728	-1.2274	1.06684	0.663896	0.553155	1
cg00126739	KIF23;KIF23	0.46945	0.33013	0.856187	-1.16797	0.957987	1.00817	1.00817	0.896793	0.980149	-1.02025	0.215096	1.22284	1.22284	0.469256	1.12048	1.12048		0.138731	1.2792	1.2792	0.752238	1.05015	1.05015	0.876597	0.1261	1.0261	0.0888532	1.13637	1.13637	1.06683	0.403329	0.336056	1
cg05800321	CORO1B;CORO1B	0.46955	0.657375	1.1438	1.1438	0.130853	0.615175	1.44075	0.261184	0.545283	-1.83435	0.252812	1.14619	1.14619	0.173932	1.54725	1.54725	0.648026	0.626517	1.59613	1.59613		0.732101	0.90539	-1.10909	0.968505	0.988174	-1.01197	0.953724	0.70764	1.01764	1.01764	1.06683	0.498053	0.421	1.54502	1.27817	1
cg21997109	TRIM27	0.46956	0.852329	1.04028	1.04028	0.280164	0.7883	-1.26855	0.324897	0.806213	-1.24037	0.638321	0.904548	-1.10552	0.462569	0.853643	-1.1717		0.043452	0.611365	-1.63568	0.908103	0.975829	-1.02477	0.739243	1.07335	1.07335	0.185856	0.742878	-1.34612	1.06681	0.758507	0.632081	1
cg22675801	TRIL	0.46957	0.229971	0.467403	-2.13926	0.152384	0.56732	-1.77389	0.081303	0.814273	-1.22816	0.233752	0.54937	-1.81925	0.171562	0.41826	-2.39086		0.583112	0.594021	-1.71227	0.196351	0.745163	-1.34215	0.276533	0.867474	0.902052	-1.10858	0.82608	0.60102	1.06682	0.60102	0.50922	1
cg00409434	PIKFE	0.46960	0.614125	0.133236	-7.50545	0.592857	1.67571	-1.67571	0.482115	1.97983	1.97983	0.420616	0.455225	-2.19672	7	7	?		0.972035	1.0341	1.0341	0.65871	0.653662	-1.52984	0.524809	0.53988	-1.85226	0.234187	0.303363	3.29638	1.05827	13.6298	12.8793	1
cg25214792	P2RX6;P2RX6;MGC16703	0.46908	0.770996	0.885879	-1.12882	0.407072	0.703205	-1.42206	0.605111	1.2418	1.2418	0.981635	1.0096	1.0096	0.27234	0.622282	-1.60699		0.154905	0.513507	-1.88144	0.0835536	0.451497	-2.21485	0.379231	0.687617	-1.4543	0.475492	1.35157	1.35157	1.06676	2.91225	2.42666	1
cg19635754	ILF3;ILF3;ILF3;ILF3;ILF3	0.46982	0.840851	1.1545	1.1545	0.756779	1.20811	1.20811	0.202674	2.61437	2.61437	0.774669	1.22556	1.22556	0.313708	1.26663	1.26663		0.728724	1.18267	1.18267	0.722309	1.20044	1.20044	0.895157	0.19897	1.08879	0.835187	0.861687	1.16051	1.16676	1.06675	0.626611	0.578781	1
cg10601846	EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.46989	0.6837	1.28284	1.28284	0.217729	0.148086	-6.75281	7	7	?	0.417018	0.294719	-3.39306	0.118214	0.08220 62	-12.1645		0.550529	2.43427	2.43427	7	7	?	0.439791	3.19165	3.19165	0.88971	2.1267 5	1.22675	1.20475	1.06674	27.9881	30.5436	1
cg23304762	TRPS1	0.46992	0.121888	1.39482	1.39482	0.149383	1.36306	1.36306	0.764984	1.14929	1.14929	0.508522	1.3505	1.3505	0.232855	1.75146	1.75146		0.239406	0.509109	-1.75713	0.887929	0.938783	-1.06521	0.862486	0.925271	-1.08076	0.157366	0.507932	-1.96877	1.06684	3.39117	2.82551	1
cg08529019	KCTD6	0.46993	0.974062	0.995542	-1.00448	0.378115	1.13375	1.13375	0.684834	1.05767	1.05767	0.143207	1.24133	1.24133	0.540816	0.918441	-1.0888		0.869257	0.977617	-1.0229	0.694549	0.947211	-1.05573	0.05046 47	1.35849	1.35849	0.866847	1.02333	1.02333	1.06674	0.319018	0.265831	1
cg14488472	CDCA7L;CDCA7L;CDCA7L	0.46910	0.434597	0.835502	-1.19689	0.382077	0.817027	-1.22395	0.293953	0.782392	-1.27813	0.375046	1.22782	1.22782	0.298389	0.784277	-1.27506		0.205004	1.35184	1.35184	0.577987	1.13514	1.13514	0.759547	0.107166	0.271187	1.29465	1.29465	1.06672	0.858557	0.715431	1
cg01396998	LOC100133091	0.46916	0.502027	0.889	-1.12453	0.258027	1.80382	1.80382	0.494177	0.651704	-1.53444	0.268193	1.52342	1.52342	0.656427	1.52342	1.52342		0.239406	0.509109	-1.75713	0.887929	0.938783	-1.06521	0.862486	0.925271	-1.08076	0.157366	0.507932	-1.96877	1.06684	3.39117	2.82551	1
cg27268486	GNAI1;GNAI1	0.46911	0.136659	2.43399	2.43399	0.988985	1.00769	1.00769	0.44823	0.65131	-1.53537	0.34995	1.70532	1.70532	0.409912	1.59603	1.59603		0.336401	1.73304	1.73304	0.159968	0.43478	-2.30001	0.498304	1.4643	1.4643	0.910643	0.939619	-1.06426	1.0667	5.19949	4.33275	1
cg00095779	RFX8	0.46917	0.827238	1.07077	1.07077	0.136173	1.58387	1.58387	0.183779	0.548353	-1.82403	0.298518	1.29518	1.29518	0.227063	1.75	1.75	0.602132	0.598483	1.67138	1.67138	0.0944758	0.832975	-1.20078	0.22639	0.715876	1.15886	1.15886	1.06672	0.821025	0.256121	1
cg02703032	BRD2;BRD2;BRD2	0.46921	0.127275	0.478	-2.09205	0.249781	1.7132	1.7132	0.861846	1.08109	1.08109	0.441845	0.703967	-1.42052	0.155274	0.488749	-2.04604		0.819243	0.90262	-1.10789	0.285455	0.608611	-1.64308	0.748514	0.881751	-1.86590 6	-1.15486	0.661191	1.21823	1.21823	1.06668	1.38468	2.82052	1
cg23598604	LPPR4;LPPR4	0.46926	0.967026	0.971304	-1.02954	0.753037	0.80066	-1.24897	0.545066	0.6496	-1.53941	0.469179	0.595303	-1.67982	0.313537	0.4799	-2.08377		0.480984	0.603781	-1.65623	0.071062	0.241644	-4.13832	0.152997	0.293856	0.293856	0.8384 84	0.905905	-1.10387	1.06667	8.38091	6.98405	1
cg20239381	PHRF1	0.46934	0.844395	1.07404	1.07404	0.272738	0.79507	-1.25767	0.393307	0.703578	-1.42116	0.295148	1.29518	1.29518	0.227063	1.75	1.75	0.602132	0.598483	1.67138	1.67138	0.0944758	0.832975	-1.20078	0.22639	0.715876	1.15886	1.15886	1.06672	0.821025	0.330629	1
cg07536926	ERBB4;ERBB4	0.46914	0.67254	1.1098	1.10098	0.801829	0.944712	-1.05852	0.594993	0.885608	-1.12917	0.0614886	1.6246	1.6246	0.156319	1.41402	1.41402		7	7	7	0.943765	0.150353	1.16118	1.16118	0.570845	1.1385	1.1385	1.06676	0.756433	0.616413	1
cg05460369	TTC39C	0.46915	0.195381	0.677118	-1.84736	0.14857	0.38357	0.767438	0.74258	1.34258	-1.14258	0.449705	0.706462	-1.41544	0.208818	0.680792	-1.47423		0.630352	0.553359	-1.80791	0.260916	0.213132	-4.69192	0.122181	0.1158	-8.68133	0.277132	0.233032	4.29088	1.06662	0.59853	0.4241	1
cg16658838	LYVE1	0.46973	0.965387	1.01493	1.01493	0.173353	0.60971	-1.64012	0.227111	0.648517	-1.54198	0.0645361	0.492053	-2.0323	0.281485	0.68231	-1.46561		0.935756	0.972843	-1.02791	0.629008	1.18088	1.18088	0.958042	0.982192	-1.01813	0.75363	1.13152	1.13152	1.06658	1.97033	1.64205	1
cg05048545	SCML2	0.46974	0.141345	0.810409	-2.91934	0.109825	0.782842	-1.27577	0.844267	0.521818	-1.52118	0.210793	1.16394	1.16394	0.162762	0.645955	-1.54767		0.124705	0.627346	-1.59403	0.294765	0.420884	-2.37543	0.0825	0.443846	0.508594	4.1914	4.1914	1.06642	0.76	0.557064	1
cg16987848	FBXO25;FBXO25;FBXO25	0.46918	0.29008	1.00204	1.00204	0.305265	1.24386	-1.24386	0.163071	0.736378	-1.35803	0.398229	0.837313	-1.1943	0.426017	0.18185	1.18185		0.841513	1.04201	1.04201	0.142411	0.723576	-1.38243	0.132763	0.84539	-1.18289	0.532363	1.13883	1.13883	1.06657	0.713746	0.594843	1
cg00810208	IDUA	0.46985	0.127374	13.7077	13.7077	0.999815	0.999631	-1.00037	0.456218	0.33687	3.33687	0.561433	2.54064	2.54064	0.463677	0.305914	3.26889		0.086037	20.3343	20.3343	0.696332	0.536427	-1.86418	0.245597	6.87917	6.87917	0.499924	2.96662	2.96662	1.06656	42.5965	35.5005	1
cg14119999	FAM150A;SIRG6	0.46986	0.593562	0.888879	-1.12517	0.662323	1.5134	1.5134	0.407043	0.848586	1.18518	0.882191	1.18518	1.18518	0.882191	1.13577	1.13577		0.728724	1.18267	1.18267	0.722309	1.20044	1.20044	0.895157	0.19897	1.08879	0.835187	0.861687	1.16051	1.16676	1.06656	0.626611	0.578781	1
cg20875182	TCEB3B;KATNAL2	0.46992	0.458549	0.663123	-1.50802	0.105044	0.381358	-2.62221	0.389586	1.65185	1.65185	0.517604	1.40455	1.40455	0.911006	1.06274	1.06274		0.626635	1.3058	1.3058	0.139219	2.37779	2.37779	0.945626	0.963559	-1.03782	0.427908	1.55351	1.55351	1.06655	5.00363	4.17015	1
cg06581840	ZNF10;ZNF10	0.46995	0.904056	1.06953	1.06953	0.347312	1.75124	1.75124	0.572258	1.15454	1.15454	0.889945	1.03552	1.03552	0.145282	1.48339	1.48339		0.670454	0.924	-1.16533	0.793806	0.916603	-1.09099	0.88518	0.904227	-1.10571	0.624071	1.13226	1.13226	1.06654	1.02788	0.884992	1
cg22683858	LOC139201;CHIC1	0.46997	0.0668713	0.223193	-4.47889	0.0151	0.515807	-1.93379	0.0151	0.633144	-1.60477	0.807449	0.19515	-5.19515	0.794077	0.180162	-5.21042		0.069345	0.226894	-4.40734	0.753165	0.160424	-6.23157	0.0893799	0.10242	-9.76242	0.027582	0.17284	1.17284	1.06654	0.90205	0.7026	1
cg02402071	ETV5	0.46920	0.549024	0.888446	-1.12505	0.14247	1.3964	1.3964	0.317227	1.22253	1.22253	0.596249	0.901307	-1.1095	0.676907	0.994342	-1.00569		0.425331	1.17141	1.17141	0.530271	0.883776	-1.13151	0.711266	1.07493	1.07493	0.108089	1.40593	1.40593	1.06653	0.637934	0.531679	1
cg07112955	SMPD1;SMPD1;SMPD1	0.46921	0.349251	1.2552	1.2552	0.302	1.32302	1.32302	0.757063	1.6605	1.6605	0.916204	0.777124	1.2858	0.772547	1.29754	1.29754	0.212769	0.366161	2.85156	2.85156	0.175427	0.757052	1.98288	1.98288	0.494292	1.1313	0.820772	0.06138	1.06653	0.4241	1
cg08162257	CIB1;C15orf5;CIB1	0.46924	0.554541	1.17232	1.17232	0.542547	0.84879	-1.17815	0.651891	0.886227	-1.12838	0.128966	0.646396	-1.54704	0.6612632	0.570713	-1.75219		0.52273	0.841742	-1.18801	0.837265	0.946771	-1.05622	0.186722	0.689187	-1.45098	0.509492	0.836975	-1.19478	1.06651	1.19478	0.995797	1
cg00095373	AIFM2;AIFM2;AIFM2;AIFM2;AIFM2	0.46927	0.227437	1.9358	1.9358	0.740445	1.18922	1.18922	0.899199	0.93607	-1.0683	0.161638	0.454804	-2.17958	0.252788	0.5365	-1.86393		0.732699	1.36482	1.36482	0.279363	0.821642	-1.21707	0.24402	0.529725	-1.88777	1.0565	0.45921	3.82577	1.06651	0.45921	3.82577	1
cg01029238	UBE2Q2;UBE2Q2	0.46929	0.517805	1.13333	1.13333	0.228881	1.27257	1.27257	0.392981	1.1818	1.1818	0.785433	1.05347	1.05347	0.784546	1.05368	1.05368		0.251133	1.25718	1.25718	0.25849	0.778621	-1.25216	0.154757	1.33737	1.33737	0.15559	1.33648	1.33648	1.06648	0.61543	0.51295	1
cg08274380	GPSM2	0.46935	0.121348	0.733617	-1.36311	0.831339	0.961427	-1.04012	0.494814	0.879984	-1.13638	0.753041	0.943449	-1.05994	0.997818	0.999496	-1.0005		0.521288	0.887012	-1.12738	0.5627	0.897686	-1.11398	0.6084207	1.45682	1.45682	0.88065	0.972667	-1.0281	1.06647	0.57453	0.478865	1
cg23400446	CYP2J2	0.46939	0.535337	1.18598	1.18598	0.562323	1.5134	1.5134	0.407043	0.848586	1.18518	0.882191	1.18518	1.18518	0.882191	1.13577	1.13577		0.773614	0.785561	-1.27298	0.71879	0.926604	-1.08007	0.864904	1.28034	1.28034	0.220209	1.32491	1.32491	1.06646	0.774867	0.73411	1
cg05365685	ATP2B2;MIR885;ATP2B2	0.46943	0.787968	0.821636	-1.21708	0.479384	1.6888	1.6888	0.240938	2.44649	2.44649	0.539496	0.635896	-1.57258	0.385341	0.522774	-1.91287		0.646149	0.713978	-1.4006	0.0559788	0.206644	-4.84402	0.470087	0.585335	-1.70838	0.870521	1.82897	-1.12624	1.06645	8.97066	7.47706	1
cg19605909	YIPF6	0.46945	0.907434	0.98402	1.01493	0.173353	0.60971	-1.64012	0.227111	0.648517	-1.54198	0.0645361	0.492053	-2.0323	0.281485	0.68231	-1.46561		0.080596	1.19779	1.19779	0.17586	0.785718	-1.27314	0.153611	0.83633	0.8445965	1.12121	1.12121	1.06645	0.603	0.50093	0.4189	1
cg06408185	CDKL5	0.46951	0.411173	0.264082	-3.7867	0.383664	0.242201	-4.12879	0.758864	1.61879	1.61879	0.42548	3.62664	3.62664	0.516182	0.354436	-2.82139		0.08550 72	0.0417305	-23.9633	0.635491	2.11521	2.11521	7	7	?	0.626179	2.16061	2.16061	1.06645	35.4503	19.6862	1
cg04920032	FAIM2	0.46952	0.734607	0.847677	-1.17969	0.360063	0.631181	-1.57933	0.139065	2.16248	2.16248	0.968541	1.01934	1.01934	0.143158	1.60357	1.60357		0.380667	0.646148	-1.54763	0.184342	0.46084	-2.16995	0.507425	0.721365	-1.38626	0.921829	1.04882	1.04882	1.06643	0.398389	0.32063	1
cg26203471	DUSP23	0.46956	0.949727	1.03884	1.03884	0.447304	2.84497	-2.84497	0.163421	0.352 63	2.83628	0.422678	0.237842	4.20678	0.172042	2.68848	2.68848		0.800473	0.711598	1.4052	0.761262	0.849308	-1.17748	0.570532	0.852288	1.17354	1.17354	1.06642	1.10438	0.90093	1.18248	1
cg22715945	IFT74;IFT74;IFT74;IFT74	0.46957	0.923635	1.02	1.02	0.486268	0.864049	-1.15734	0.974661	0.993461	-1.00658	0.711225	0.926068	-1.07983	0.120174	1.41652	1.41652		0.449331	0.852793	-1.17262	0.230927	1.29637	1.29637	0.120722	1.41567	1.41567	0.884128	0.970328	-1.03058	1.06643	0.72058	0.600619	1
cg07734201	HMGCR;HMGCR	0.46958	0.275346	1.65055	1.65055	0.184114	1.43687	1.4687	0.154765	1.85624	1.85624	0.448874	1.36804	1.36804	0.189025	1.84732	1.84732		0.738823	1.14557	1.14557	0.0624263	1.34484	1.34484	0.189795	1.32148	1.32148	0.98185	0.990883	-1.00928	1.06642	2.78628	2.32243	1
cg24125901	CRLF1	0.46926	0.307205	0.26303	-3.80199	0.177979	0.162703	-6.14616	0.344438	0.292456	-3.41932	0.315725	0.30757	3.70757	0.154852	2.20653	2.20653		0.528068	0.447085	-2.23671	0.192393	0.75032	0.93027	1.11142	1.11142	0.780244	1.42141	1.42141	1.06224	26.5026	19.0467	1
cg18171392	C22orf13	0.46927	0.376367	0.683685	-1.46266	0.918434	0.957954	-1.04389	0.674816	1.19333	1.19333	0.115054	0.487847	-2.04982	0.112701	0.48512	-2.06114		0.628037	0.815051	-1.22692	0.26423	1.62816	1.62816	0.924051	1.04075	1.04075	0.515222	0.758513	-1.31837	1.0664	2.9634	2.47012	1
cg24306485	FAM123A;FAM123A	0.46928	0.503863	1.98496	1.98496	0.899	0.999631	-1.00037	0.456218	0.33687	3.33687	0.561433	2.54064	2.54064	0.463677	0.305914	3.26889		0.086037	20.3343	20.3343	0.696332	0.536

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1417 vs. N)	Fold-Change(1417 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	F(Error
cg20027456	TRAPPC9;TRAPPC9	0.469698	0.773155	1.20549	1.20549	0.547702	0.674762	-1.48201	0.524759	1.51706	1.51706	0.647685	1.34651	1.34651	0.074833	0.277189	1.58704	0.479256	1.628079	-1.59216	0.482484	0.630295	-1.58656	0.716383	1.26608	1.26608	0.122998	0.339429	-2.34612	1.06559	7.05657	5.88643	1
cg24149051	STARD8;STARD8;STARD8	0.46971	0.0992864	0.312706	-3.19789	0.58481	0.701191	-1.42615	0.680401	0.76607	-1.30536	0.149909	2.66968	2.66968	0.79651	1.18579	1.18579	0.30674	0.506222	-1.97542	0.306749	0.506229	-1.97539	0.512029	0.651907	-1.53396	0.64163	0.739661	-1.35197	1.06556	0.98558	5.82734	1
cg09638344	WFS1;WFS1	0.4697	0.4697	0.9738	-1.02691	0.820767	1.03433	1.03433	0.272377	1.18523	1.18523	0.0638806	1.36318	1.36318	0.727527	1.05341	1.05341	0.345001	0.865301	-1.15567	0.298439	0.851872	-1.17388	0.548043	1.09463	1.09463	0.898743	0.981241	-1.01912	1.06555	0.373402	0.311493	1
cg23023126	MIER2	0.46972	0.28972	2.43786	2.43786	0.467842	0.549342	-1.82056	0.0759633	4.96027	4.96027	0.57027	1.59235	1.59235	0.621715	1.49677	1.49677	0.371333	2.10511	2.10511	0.1424S4	0.59142	3.59142	0.234514	2.74705	2.74705	0.704688	1.36176	1.36176	1.06554	11.0975	9.25768	1
cg08398233	CAMK2N1	0.46972	0.644399	1.44244	1.44244	0.957012	0.987759	-1.01239	0.541561	1.1937	1.1937	0.0605945	1.80281	1.80281	0.880182	1.04407	1.04407	0.165351	0.654445	-1.52801	0.687698	1.12275	1.12275	0.89168	0.963714	-1.03981	0.24645	1.4152	1.4152	1.06554	1.38536	1.15568	1
cg09387215	DNASE2	0.469737	0.821453	1.09799	1.09799	0.78513	0.893129	-1.11956	0.227358	0.550275	-1.68898	0.214863	1.71597	1.71597	0.16631	1.84119	1.84119	0.407605	0.704455	-1.41954	0.254126	0.611099	-1.6364	0.781222	1.12004	1.12004	0.598345	1.24604	1.24604	1.06551	2.88641	2.40795	1
cg23231729	THEM4	0.4697S3	0.956115	1.03547	1.03547	0.450659	1.62719	1.62719	0.276789	2.0473	2.0473	0.273011	0.485469	-2.05986	0.484194	0.637419	-1.56883	0.755856	1.21843	1.21843	0.771252	1.20281	1.20281	0.0995238	3.13796	3.13796	0.202237	2.36434	2.36434	1.06548	6.77087	5.64866	1
cg17714409	ASAP2;ASAP2	0.469754	0.0963678	0.733353	-3.23702	0.820212	1.17565	1.17565	0.764171	1.21109	1.21109	0.345749	0.537101	-1.86185	0.261594	0.472662	-2.11568	0.410975	0.583821	-1.71295	0.157496	0.380468	-2.62834	0.15618	0.378688	-2.64099	0.463152	0.618355	-1.61688	1.06548	6.91428	5.76381	1
cg00255919	RF1	0.469756	0.444341	0.67042	-1.4916	0.0560382	0.103693	1.03693	0.196862	0.49824	-2.00675	0.0598228	0.68612	1.30201	1.30201	0.240989	0.532904	1.87651	0.477166	1.48651	1.44865	0.908372	0.942671	-1.06082	0.657341	1.25724	1.25724	0.5561	0.736908	-1.35702	1.06548	4.43703	3.70165	1
cg15420687	PWWP2A;PWWP2A	0.469758	0.178283	0.868852	-1.15094	0.278335	0.895137	-1.11717	0.946547	1.00661	1.00661	0.416187	0.921566	-1.08511	0.723786	1.03549	1.03549	0.107745	0.84154	-1.1883	0.2262	0.882577	-1.13305	0.911203	1.01103	1.01103	0.41895	1.08456	1.08456	1.06547	0.1630317	0.136016	1
cg02687655	THRA;THRA;THRA	0.469763	0.390042	2.56307	2.56307	0.0968317	0.109601	-1.9137	0.670976	0.916233	-1.09143	0.268919	0.552197	-1.81075	0.0702038	1.42455	1.42455	0.790244	1.26407	1.26407	0.0027	0.903827	1.10527	1.10527	0.0134276	1.18424	1.18424	0.0453745	1.59988	1.59988	1.06546	0.707311	0.59009	1
cg24129458	OSBPL8;OSBPL8;OSBPL8	0.469764	0.419579	0.832282	-1.20152	0.494761	1.16688	1.16688	0.731192	-1.36763	0.7826	0.845321	-1.18298	0.414941	0.635336	-1.57397	0.246604	0.517099	-1.93348	0.261794	-1.27887	0.0735686	0.64142	-1.55904	0.251255	0.765795	-1.30583	0.435153	0.837571	-1.19393	1.06546	0.836206	0.697626	1
cg01589760	LRRC56	0.469775	0.823665	0.807241	-1.23919	0.257768	2.04299	2.04299	0.107582	3.4412	3.4412	0.866515	1.14861	1.14861	0.286009	0.935888	-2.52107	0.850433	0.853964	1.17101	0.721476	1.34898	1.34898	0.625662	1.2026	1.2026	0.114497	4.20196	4.20196	1.06545	11.8012	9.84559	1
cg05174940	INPP5A	0.469775	0.402756	1.44309	1.44309	0.363364	0.650524	-1.53722	0.345749	0.639415	-1.56393	0.0618932	0.551497	-1.81325	0.324929	0.65329	-1.5266	0.248848	1.74159	1.74159	0.477364	0.717106	-1.39445	0.206871	0.541876	-1.84544	0.883498	1.06982	1.06982	1.06544	3.57491	2.98252	1
cg04923513	SH2D5;SH2D5	0.469781	0.881801	0.865867	-1.15491	0.205046	3.68756	3.68756	0.352622	2.53412	2.53412	0.0437166	0.9139	0.9139	0.195068	3.81167	3.81167	0.406422	2.28171	2.28171	0.434631	2.16836	2.16836	0.797051	1.28341	1.28341	0.384536	2.37801	2.37801	1.06121	15.7047	11.2974	1
cg26984340	RBM71;RBM71;RBM71	0.469783	0.343155	1.44881	1.44881	0.52142	1.66063	1.66063	0.213167	2.57312	2.57312	0.66076	0.654917	1.03411	-29.3169	1.03411	1.03411	0.604631	1.83888	1.83888	0.344232	0.899025	-1.11232	0.579998	2.3438	2.3438	0.723551	0.58234	-1.71721	1.07245	0.242156	0.271611	1
cg05115308	NOTCH4;GPSM3	0.469784	0.437257	1.23369	1.23369	0.511662	0.838285	-1.19291	0.227215	0.714645	-1.3993	0.289729	0.747352	-1.33806	0.49976	0.833977	-1.19907	0.385819	0.790086	-1.26568	0.216139	1.41193	1.41193	0.619027	1.14207	1.14207	0.317169	1.31526	1.31526	1.06542	1.18512	0.988751	1
cg06201907	RHOC;RHOC;RHOC;RHOC	0.469785	0.247019	0.608336	-1.46878	0.248489	0.702725	-1.42303	0.964728	1.1084	1.1084	0.540552	0.821383	-1.21746	0.415239	0.767936	-1.30277	0.0741824	0.515575	-1.8812	0.128248	0.593215	-1.68571	0.704826	1.12848	1.12848	0.521794	0.813564	-1.22901	1.06542	1.70202	1.42001	1
cg02658842	EPHB3	0.469788	0.0806607	0.499671	-2.00312	0.670443	1.16563	1.16563	0.744712	0.889173	-1.12464	0.94659	0.975299	-1.02428	0.609204	0.831432	-1.20274	0.67969	1.16027	1.16027	0.0919042	1.94324	1.94324	0.69989	0.870505	-1.14876	0.807684	0.916387	-1.09124	1.06542	2.16314	1.80473	1
cg14198472	ZNF642	0.469806	0.194084	0.634658	-1.57565	0.890837	0.955574	-1.04649	0.979267	1.00864	1.00864	0.169422	1.62323	1.62323	0.0889333	0.537469	-1.86057	0.57892	1.20384	1.20384	0.590025	0.835263	-1.19723	0.939555	1.02541	1.02541	0.653549	0.861127	-1.16127	1.06538	1.8479	1.54177	1
cg23441018	LPCAT4	0.469808	0.549632	1.70847	1.70847	0.414949	0.0994237	2.15134	0.270063	1.92286	1.92286	0.0812499	0.960033	1.13766	0.0972998	0.674423	-1.47837	0.898539	1.02995	1.02995	0.913926	0.97753	1.02253	1.02253	0.554021	1.80478	1.80478	0.0442174	1.37996	1.37996	1.06538	5.46879	4.56283	1
cg13942627	ROR1;ROR1	0.469808	0.498035	0.687671	-1.45418	0.569298	0.731192	-1.36763	0.75826	0.845321	-1.18298	0.414941	0.635336	-1.57397	0.246604	0.517099	-1.93386	0.770479	0.852789	-1.17262	0.0757189	0.340929	-2.93316	0.0516438	0.299485	-3.33907	0.691896	0.80508	-1.24211	1.06538	4.99956	4.17134	1
cg08682894	RSPO4;RSPO4	0.469812	0.7053303	0.726532	-1.3764	0.185551	1.25573	1.25573	0.982708	1.00941	1.00941	0.18339	0.382192	2.61617	0.47067	-2.12463	0.229083	2.890016	2.89016	0.345518	0.796674	0.80484	-1.24243	0.647589	0.676988	-1.47756	0.758911	1.29545	1.29545	0.0883998	5.01982	5.01982	0.5037	0.305	0.364964	1
cg19124036	LSAMP;LSAMP	0.469813	0.460541	0.829371	-1.20573	0.662671	1.1155	1.1155	0.900027	0.969188	-1.03179	0.203577	1.39678	1.39678	0.312387	0.770881	1.29722	0.0597209	1.589146	-1.69737	0.946011	0.983278	-1.01701	0.76484	0.92802	-1.07756	0.728087	1.0908	1.0908	1.06537	1.04626	0.872948	1
cg03202803	PKD1;PKD1	0.469828	0.489667	0.742662	-1.34596	0.171704	1.85233	1.85233	0.428992	1.40787	1.40787	0.311519	1.5583	1.5583	0.222077	0.565312	-1.76894	0.611308	1.24252	1.24252	0.807706	1.10884	1.10884	0.15225	1.90477	1.90477	0.683013	1.19	1.19	1.06534	3.02864	2.52701	1
cg16908801	RALA	0.469837	0.412002	1.44881	1.44881	0.52142	1.66063	1.66063	0.213167	2.57312	2.57312	0.66076	0.654917	1.03411	-29.3169	1.03411	1.03411	0.357255	1.86827	1.86827	0.668015	1.32949	1.32949	0.25171	2.20436	2.20436	0.108228	0.314498	-3.17967	1.06532	7.35252	6.13482	1
cg16175700	C8orf79	0.469867	0.883385	1.09018	1.09018	0.878406	0.913387	-1.09425	0.323573	0.548918	-1.82177	0.830721	0.874997	-1.14286	0.190458	0.442347	-2.26067	0.169419	0.422672	-2.3659	0.0825977	0.322706	-3.0988	0.226631	0.473861	-2.11033	0.655693	1.30214	1.30214	1.06527	5.83924	4.87243	1
cg00864916	KIAA1614	0.469872	0.741753	0.887954	-1.12664	0.0479556	0.756556	1.32176	0.538045	1.08693	1.08693	0.206497	2.16756	2.16756	0.868384	1.03731	-1.07265	0.872121	1.14795	1.14795	0.302162	0.673534	1.48511	-1.42551	0.470933	1.9272	1.9272	0.0483508	0.862604	1.27356	1.06526	2.19861	1.83493	1
cg09627057	SH3BP5	0.46876	0.807722	1.42678	1.42678	0.230235	1.62463	2.62423	0.336479	0.235988	-4.23751	0.559133	2.3657	2.3657	0.166225	2.1162S3	0.60196	0.661585	1.90041	1.90041	0.389828	3.6171	3.6171	0.0250152	3.56402	2.49286	0.652585	15.8497	29.9145	1
cg00353846	DEPDC6	0.469916	0.621609	0.927155	-1.07857	0.091831	1.32599	1.32599	0.189437	1.23151	1.23531	0.840103	1.03118	1.03118	0.16127	1.25538	1.25538	0.887737	0.978755	-1.02171	0.655041	0.933921	-1.07075	0.467095	0.8936	-1.11907	0.811486	1.03699	1.03699	1.06517	0.38989	0.325364	1
cg25470124	THADA;THADA	0.469927	0.6981831	0.8977	-1.11439	0.0838437	1.33866	1.33866	-1.2934	0.256157	3.9740166	0.15	1.33866	1.33866	0.0257606	1.35105	1.35105	0.852356	1.18343	1.18343	0.12982	1.29484	1.29484	0.211332	0.771863	-1.4504	0.0487674	0.724317	0.732711	1.3648	1.36515	1.12987	1.06516	1.2081	0.907128	1
cg07674403	GADD45GIP1	0.469939	0.222188	0.743318	-1.34532	0.0616255	0.614624	-1.62701	0.35318	0.801813	-1.24717	0.962924	0.983981	-1.01081	0.775501	1.06834	1.06834	0.34466	0.798474	-1.25239	0.114589	0.672482	-1.48703	0.732548	0.923751	-1.08254	0.584993	0.880289	-1.13599	1.06513	0.901814	0.752596	1
cg13065286	DNAAC1;C15orf52	0.469939	0.14293	0.707906	-1.41273	0.185551	1.25573	1.25573	0.982708	1.00941	1.00941	0.18339	0.382192	2.61617	0.47067	-2.12463	0.229083	2.890016	2.89016	0.345518	0.796674	0.80484	-1.24243	0.647589	0.676988	-1.47756	0.758911	1.29545	1.29545	0.0883998	5.01982	5.01982	0.5037	0.305	0.364964	1
cg14691388	KCNK9	0.469941	0.850645	0.877948	-1.13902	0.3644S8	1.36051	1.36051	0.235763	2.35845	2.35845	0.656047	1.36281	1.36281	0.815529	1.17513	1.17513	0.745078	1.25268	1.25268	0.66595	0.74087	-1.34977	0.639362	0.721871	-1.38529	0.563509	0.668131	-1.49671	1.06513	0.04408	6.7131	1
cg01750172	CAMK1D;CAMK1D	0.469958	0.792881	1.03399	1.03399	0.286068	0.874482	-1.14353	0.389839	0.898851	-1.11258	0.682493	0.951418	-1.05106	0.253331	1.15538	1.15538	0.0903054	0.797743	-1.25154	0.645851	1.05762	1.05762	0.734687	0.959656	-1.04204	0.384518	1.11398	1.11398	1.06509	0.24723	0.206329	1
cg16528896	MUSK;CFL1	0.469963	0.665328	0.773073	-1.3764	0.185551	1.25573	1.25573	0.982708	1.00941	1.00941	0.18339	0.382192	2.61617	0.47067	-2.12463	0.229083	2.890016	2.89016	0.345518	0.796674	0.80484	-1.24243	0.647589	0.676988	-1.47756	0.758911	1.29545	1.29545	0.0883998	5.01982	5.01982	0.5037	0.305	0.364964	1
cg15704909	ZNF831	0.46997	0.401159	0.717402	-1.39392	0.392933	1.40248	1.40248	0.609458	1.2034	1.2034	0.322034	0.673429	-1.48494	0.0688987	0.455304	2.19634	0.335091	1.46842	1.46842	0.781819	1.11327	1.11327	0.843487	1.07939	1.07939	0.693268	0.857948	-1.16557	1.06507	2.51966	2.10286	1
cg02183284	MED10;MED10	0.469975	0.2212264	0.699408	-1.42999	0.526523	0.76508	1.3068	0.738345	1.13221	1.13221	0.287214	0.572516	-1.74648	0.0859108	0.859704	-1.16312	0.212904	1.44244	1.44244	0.451705	1.31685	1.31685	0.0911486	0.80506	1.24054	0.111076	1.86109	1.86109	1.06504	1.81455	1.51435	1
cg25020279	RICTOR	0.469981	0.726976	1.19674	1.19674	0.457752	0.678729	-1.4732	0.451385	0.674926	-1.48164	0.714015	0.828179	-1.20747	0.490245	0.31618	3.16275	0.741048	1.18521	1.18521	0.872371	0.920926	-1.08586	0.819532	0.880507	-1.12422	0.20413	1.98706	1.98706	1.06505	4.4283	3.69585	1
cg10762214	INPP5A	0.469987	0.546454	0.642679	-1.55599	0.512696	1.6176	1.6176	0.909151	1.08585	1.08585	0.179325	0.355847	-2.81019	0.0948416	0.264536	-3.7802	0.497558	0.607216	-1.64686	0.22866	0.400436	-2.49727	0.992728	0.99342	-1.00662	0.168895	0.343869	-2.90808	1.06504	8.85119	7.38727	1
cg01852674	UNC45A;UNC45A	0.469989	0.6254573	0.8019	-1.24695	0.526523	0.76508	1.3068	0.738345	1.13221	1.13221	0.287214	0.572516	-1.74648	0.0859108	0.859704	-1.16312	0.212904	1.44244	1.44244	0.451705	1.31685	1.31685	0.0911486	0.80506	1.24054	0.111076	1.86109	1.86109	1.06504	1.81455	1.51435	1
cg09870542	CDC34	0.469991	0.528649	0.837089	-1.19462	0.546575	1.18527	1.18527	0.61704	0.869206	-1.15048	0.387545	0.781356	-1.27983	0.0440887	0.524978	-1.90484	0.289157	0.736101	-1.35868	0.577165	0.854786	-1.16988	0.446973	1.24101	1.24101	0.606605	0.863159	-1.15854	1.06503	1.30901	1.09252	1
cg13098710	SOX9	0.470009	0.279089	0.6915	-1.44657	0.526523	0.76508	1.3068	0.738345	1.13221	1.13221	0.287214	0.572516	-1.74648	0.0859108	0.859704	-1.16312	0.212904	1.44244	1.44244	0.451705	1.31685	1.31685	0.0911486	0.80506	1.24054	0.111076	1.86109	1.86109	1.06503	1.81455	1.51435	1
cg25601661	ATG16L2	0.470014	0.335677	1.2056	1.2056	0.0873375	0.700831	-1.42688	0.548024	0.891825	-1.1213	0.966889	1.00785	1.00785	0.179325	0.355847	-2.81019	0.0948416	0.264536	-3.7802	0.497558	0.607216	-1.64686	0.22866	0.400436	-2.49727	0.992728	0.99342	-1.00662	0.168895	0.343869	-2.90808	1.06504	8.85119	7.38727	1
cg24077401	FCGBP	0.470019	0.85097	0.780197	-1.28173	0.482055	0.79362	1.31962	0.751965	1.08693	1.08693	0.206497	2.16756	2.16756	0.868384	1.03731	-1.07265	0.872121	1.14795	1.14795	0.302162	0.673534	1.48511	-1.42551	0.470933	1.9272	1.9272	0.0483508	0.862604	1.27356	1.06526	2.19861	1.83493	1
cg18054943	TNK1	0.470041	0.250641	0.681145	-1.46754	0.95748	0.959546	-1.04285	0.508227	0.97024	-1.03071	0.0924	0.704743	-1.41919	0.61928	1.7201	1.7201	0.34769	0.123221	0.360822	0.2704	0.111444	1.355994	-2.80904	0.155776	0.404659	-2.47122	0.244181	0.372156	-2.69356	0.478258	0.650848	1.53646	1.06498	5.98575	4.99605	1
cg08222271	CD164;CD164;CD164;CD164;CD164	0.470022	0.403606	0.818381	-1.22192	0.380862	0.809947	-1.23465	0.465768	1.19014	1.19014	0.0457956	1.71075	1.71075	0.832352	0.951504	-1.05097	0.581911	1.13929	1.13929	0.517351	0.857328	-1.16642	0.827273	1.05258	1.05258	0.824791	1.05337	1.05337	1.06497	0.927587	0.774219	1
cg24337266	TRIM47	0.470034	0.78057	1.1091	1.1091	0.113795	1.73387	1.73387	0.153381	1.68852	1.68852	0.152021	1.02087	1.02087	0.0107268	2.11082	2.11082	0.599104	1.1049	1.1049	0.0904	1.13976	1.13976	0.0178	1.51656	1.51656	0.895786	1.04619	1.04619	1.06495	1.00247	0.67141	1
cg20888019	POU1F1;POU1F1 LOC728661;CDK11B;CDK11B;CDK11B;C	0.470035	0.169068	0.429639	-2.32754	0.108591	2.74333	2.74333	0.571276	0.718995	-1.39083	0.669900	1.2805	1.2805	0.09509	0.574946	-1.73929	0.749713	0.831479	-1.20268	0.396268	0.605985	-1.6502	0.502384	1.4807	1.4807	0.562098	0.713214	-1.4021	1.06495	5.60751	4.68047	1
cg16990083	DK11B;CDK11B;CDK11B	0.470035	0.583609	0.612616	-1.63234	0.0981936	4.98129	4.98129	0.349833	2.34416	2.34416	0.716447	0.724042	-1.38113	0.157212	0.262078	-3.81565	0.300875	0.387145	-2.58301	0.831997	0.828565	-1.20691	0.943963	0.939668	-1.06421	0.836856	0.833162	-1.20025	1.06495	13.2174	11.0323	1
cg02020528	ORC5L;ORC5L	0.470036	0.337924	0.929848	-1.20504	0.874541	0.970608	-1.03028	0.858634	1.03423	1.03423	0.926671	0.982771	-1.01753	0.954309	1.01088	1.01088	0.400949	0.85017	-1.17623	0.0592483	0.668926	-1.49493	0.712145	1.07248	1.07248	0.190234	1.29942	1.29942	1.06495	0.601222	0.501828	1
cg19137676	ARHGEF4;ARHGEF4	0.470043	0.517815	0.845251	-1.18295	0.512696	1.6176	1.6176	0.909151	1.08585	1.08585	0.179325	0.355847	-2.81019	0.0948416	0.264536	-3.7802	0.348734	1.20906	1.20906	0.0847107	1.64245	1.64245	0.0244	1.12241	1.12241	0.0466001	1.11055	1.11055	1.06494	1.07474	0.92211	1
cg12032713	ZFPM2	0.47004	0.257676	0.329414	-3.03569	0.959334	1.0491	1.0491	0.457119	2.03787	2.03787	0.479303	0.508601	-1.96618	0.019478	0.106552	-9.38511	0.643383	0.645137	-1.55006	0.53265	0.552862	-1.80877	0.356427	0.409959	-2.43927	0.429527	0.468545	-2.13427	1.06494	14.906	12.4418	1
cg14444118	TFAP4	0.470043	0.964032	0.909363	-1.09973	0.147272	1.3965	1.3965	0.156755	1.38442	1.38442	0.102318	1.46807	1.46807	0.0148705	1.10369	1.10369	0.901425	1.02697	1.02697	0.341822	0.740029	1.35079	-1.35119	0.0659	0.645302	1.0466	1.0466	1.06494	0.777853	0.649264	1
cg00185839	LRDD;LRDD SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC	0.470047	0.662065	0.847868	-1.14303	0.290716	0.716563	-1.39555	0.810235	0.929486	-1.07586	0.709007	0.892302	-1.1207	0.897361	0.96153	-1.04001	0.0709386	1.86447	1.86447	0.17027	0.641497	-1.55885	0.415625	0.78351	-1.27631	0.998187	0.99331	-1.00069	1.06493	1.55837	1.30077	1
cg14821192	14L1;SEC14L1;SEC14L1;SEC14L1	0.470054	0.659624	1.40649	1.40649	0.764266	1.26007	1.26007	?	?	?	?	?	?	?	?	?	0.462553	0.56108	-1.78228	0.3925	0.507374	-1.97093	0.481518	0.575471	-1.73771	0.0821803	0.215312	-4.64442	1.06604	6.32005	5.92853	1
cg04022537	C8orf73	0.470064	0.656262	0.865649	-1.12911	0.27139	1.36396	1.36396	0.981007	1.00647	1.00647	0.79807	1.07132	1.07132	0.596156	1.15607	1.15607	0.191913	1.45422	1.45422	0.209217	1.43162	1.43162	0.124886	0.63742	-1.56882	0.543606	1.18134	1.18134	1.06489	1.23937	1.03452	1
cg20737369	CRBP;CRBP;CRBP;CRBP;C19orf23	0.470074	0.662065	0.865649	-1.14323	0.27139	1.36396	1.36396	0.981007	1.00647	1.00647	0.79807	1.07132	1.07132	0.596156	1.15607	1.15607	0.148648	1.805991	-1.24171	0.248555	0.733883	-1.38011	0.947349	0.808026	-1.02035	0.482043	1.3145	1.3145	1.06487	0.56915	0.61983	1
cg24447660	EEF5EC	0.4701	0.710135	0.957975	-1.04387	0.317766	0.88662	-1.12788	0.282763	1.13695	1.13695	0.576636	0.937196	-1.06701	0.116303	1.21684	1.21684	0.557566	0.934068	-1.07059	0.169389	1.18335	1.18335	0.810249	1.02805	1.02805	0.886394	0.983695	-1.01658	0.10483	0.223023	0.186174	1
cg16100690	LOC283314;CLRL1	0.470101	0.189551	0.470102	-2.1272	0.266957	0.533554	-1.87422	0.199862	0.47421	-2.08677	0.73457	0.831232	-1.20303	0.316138	0.583546	-1.71366	0.697038	0.808552	-1.23678	0.0376905	0.27493	-3.63729	0.633541	0.770371	-1.29808	0.422653	0.640911	-1.56028	0.16482	0.479553	0.415345	1
cg13305600	C1orf138;C1orf108	0.470104	0.243474	0.6915	-1.44657	0.526523	0.76508	1.3068	0.738345	1.13221	1.13221	0.287214	0.572516	-1.74648	0.0859108	0.859704	-1.16312	0.212904	1.44244	1.44244	0.451705	1.31685	1.31685	0.0911486	0.80506	1.24054	0.111076	1.86109	1.86109	1.06492	1.81455	1.51435	1
cg07286881	MYBPC2	0.470111	?	?	?	0.522515	1.44314	1.44314	0.0791712	3.13009	3.13009	0.547645	1.41083	1.41083	?	?	?	?	?	?	0.710106	1.23448	1.23448	0.461807	0.653996	-1.52906	0.460054	1.53173	1.53173	1.06491	3.40036	3.19011	1
cg25577799	KIAA0146	0.470115	0.825742	0.939387	-1.06452	0.497256	1.86566	1.86566	0.123233	0.676

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	Ratio(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1111 vs. N)	Fold-Change(1 vs.1111)	Ratio(1117 vs. N)	Fold-Change(1 vs.1117)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	Ratio(1217 vs. N)	Fold-Change(1 vs.1217)	Ratio(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1347 vs. N)	p-value(1477 vs. N)	Ratio(1537 vs. N)	Fold-Change(1 vs.1537)	Ratio(1537 vs. N)	Fold-Change(1 vs.1537)	Ratio(1537 vs. N)	Fold-Change(5 vs.1537)	Ratio(5637 vs. N)	Fold-Change(5 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error
cg19183248	FAM160A1	0.470461	0.586387	0.864125	-1.15724	0.55663	1.17122	1.17122	0.244932	0.726162	-1.3771	0.760977	1.08258	1.08258	0.410249	0.709435	-1.25088	0.342235	0.770955	-1.27079	0.066377	1.72862	1.72862	0.910016	1.03851	1.03851	0.960934	0.987064	1.013311	1.06414	1.19092	0.994788	1
qa04023226	CYGB;PHCD	0.470472	0.309666	0.702911	-1.42266	0.524438	1.24165	1.24165	0.404485	0.751101	-1.33138	0.349295	1.38167	1.38167	0.30502	0.70019	-1.42818	0.305074	0.70022	-1.42812	0.082904	0.525026	-1.90467	0.679156	0.869741	-1.14977	0.516215	0.801822	-1.24716	1.06412	1.89748	1.58502	1
qb08621203	RAET1G	0.470479	0.1975	2.54929	2.54929	0.415715	1.77085	1.77085	0.285247	2.14357	2.14357	0.567509	1.48733	1.48733	0.329398	1.99665	1.99665	0.553479	1.51271	1.51271	0.32423	0.496893	-2.0125	0.0740698	3.92544	3.92544	0.907393	1.08322	1.08322	1.06411	7.95323	6.64364	1
qb16354296	DUSP5	0.733548	1.109519	1.11092	0.909015	0.965464	-1.03582	0.815961	0.930741	-1.07441	0.46593	1.22662	1.25662	1.25662	0.046033	2.0216	2.0216	0.559421	1.19927	1.19927	0.316172	0.726848	-1.3758	0.573276	0.830283	-1.19149	0.364561	1.3322	1.3322	1.06407	1.59721	1.33426	1
qa14210494	CDK5RAP3	0.470516	0.578974	0.910039	-1.09885	0.776822	0.953328	-1.04896	0.453726	1.13696	1.13696	0.984156	1.00335	1.00335	0.956973	0.990067	-1.00912	0.092758	1.35957	1.35957	0.163894	0.781508	-1.27958	0.749365	0.946373	-1.05667	0.227922	1.23721	1.23721	1.06404	0.476668	0.398206	1
qb05342682	PON1	0.470518	0.853672	0.932054	-1.07291	0.129179	1.86801	1.86801	0.64067	1.99261	1.99261	0.586449	0.811318	-1.23237	0.586878	0.811316	-1.23257	0.553877	1.25794	1.25794	0.0725387	2.14605	2.14605	0.445963	1.34459	1.34459	0.580884	0.808541	1.2368	1.06403	2.44775	2.04484	1
qb10447404	PARD3	0.470519	0.325177	0.578245	-1.72937	0.141104	2.34755	2.34755	0.642868	1.28629	1.28629	0.73724	0.833977	-1.19907	0.525506	0.706904	-1.41462	0.371746	1.6396	1.6396	0.547223	0.720067	-1.38876	0.782473	1.16093	1.16093	0.136261	0.420838	-2.37621	1.06403	4.89859	4.09228	1
qb10752795	GDF7	0.470533	0.287928	0.766509	-1.30462	0.868365	1.15138	1.15138	0.636625	0.89564	-1.1253	0.871851	1.02967	1.02967	0.93765	0.807167	-1.24074	0.780292	1.66972	1.66972	0.117838	0.664195	-1.50578	0.915832	1.50975	1.50975	0.606991	0.908103	1.1012	1.064	0.978852	0.817752	1
qb0908655	WDR86	0.470533	0.650131	1.349883	1.34981	0.0803951	1.57533	1.57533	0.137001	2.86418	2.86418	0.322148	0.902402	-1.10802	0.902402	0.569935	-1.75458	0.517293	0.649679	-1.53922	0.503873	1.57344	1.57344	0.352584	1.8746	1.8746	0.79054	1.03129	1.19129	1.064	1.272332	0.07544	1
qb25305153	ASB18	0.470544	0.52792	1.1738	1.1738	0.133464	1.50021	1.50021	0.827229	0.9467	-1.0563	0.252845	1.34889	1.34889	0.314111	0.770182	-1.29806	0.175201	1.43516	1.43516	0.253257	1.34943	1.34943	0.581315	1.14978	1.14978	0.348276	1.27377	1.27377	1.06398	1.05812	0.883993	1
qb00744713	EVPL	0.470554	0.604833	0.844464	1.18407	0.734867	1.26922	1.26922	0.277773	3.60251	3.60251	0.0875	0.473405	2.11255	0.480699	2.0821	2.0821	0.423884	0.753891	1.32645	0.45045	2.22091	4.4258	0.225941	1.93985	1.93985	0.806306	1.04069	1.06396	2.0251	1.69188	1
qb13745489	UMD1	0.470561	0.248931	0.365289	-2.73756	0.277735	2.58833	2.58833	0.438115	1.93658	1.93658	0.469555	1.46561	1.46561	0.0995542	0.221244	-4.5199	0.87758	0.879139	-1.13748	0.749305	0.764972	-1.30724	0.813198	1.21874	1.21874	0.269841	0.982823	-2.61217	1.06395	11.7671	9.83092	1
qb10159409	FAM101A	0.470564	0.397021	0.861198	-1.16117	0.640162	1.31385	1.31385	0.0709403	3.93776	3.93776	0.12777	0.648579	0.765429	-1.30475	0.32704	0.556213	-1.79787	0.753558	1.20125	1.20125	0.994338	0.6509318	-1.65832	0.88900108	0.537088	-2.96558	0.43124	0.628269	-1.59168	0.9394	5.66386	4.73196	1
qa11379315	MEPE	0.470567	0.441628	1.650519	-1.52551	0.112234	0.394235	-2.53656	0.167041	0.45253	-2.2098	0.455537	1.50546	1.50546	0.368338	0.664138	-1.64436	0.340193	1.69739	1.69739	0.617733	1.13104	1.13104	0.917699	0.945884	-1.0572	0.617988	0.762903	-1.31078	1.06394	4.88202	4.07878	1
qb23222243	TAPBP;TAPBP;TAPBP	0.470569	0.344541	0.455061	-2.19751	0.763521	0.783487	-1.27635	0.186716	3.10135	3.10135	0.210277	0.363127	-2.75386	0.434831	0.525001	-1.90476	0.174846	0.311314	-3.21219	0.43274	0.523198	-1.91059	0.831225	1.18839	1.18839	0.221653	0.353883	-2.82579	1.06393	11.019	9.20606	1
qb02588532	RPS6KA2;MIR1913;RPS6KA2	0.470574	0.765094	1.14622	1.14622	0.649805	1.23135	1.23135	0.814868	1.06663	1.06663	0.837265	1.85867	1.85867	0.109679	0.53475	-1.87015	0.210266	0.187958	1.88781	1.88781	0.529851	1.95862	1.95862	0.184199	1.80921	1.80921	0.225589	1.7902	1.7902	1.06393	3.49482	2.91985	1
qb05790841	KIAA1199	0.470582	0.907468	1.05539	1.05539	0.1639	1.99133	1.99133	0.475049	1.40048	1.40048	0.923998	1.04524	1.04524	0.0493563	2.82946	2.82946	0.349348	1.56315	1.56315	0.255812	1.73332	1.73332	0.809832	1.11827	1.11827	0.599478	0.782115	-1.27853	1.06391	3.62274	3.02677	1
qb22965079	ZNF313	0.470583	0.856378	0.918152	-1.08914	0.030869	3.30863	3.30863	0.693861	0.831994	-1.20195	0.522818	0.753209	-1.32765	0.872516	0.927003	-1.07875	0.439546	1.45078	1.45078	0.57207	0.763768	-1.3093	0.653622	0.807993	-1.23763	0.914855	1.05178	1.05178	1.0639	3.75402	3.13647	1
qb05452887	NDUFA1;RNF113A	0.470586	0.240668	0.748008	1.33647	0.748654	1.16663	1.16663	0.837265	1.35867	1.35867	0.109679	0.314375	3.18103	0.0442154	2.01266	2.01266	0.183958	1.88781	1.88781	0.529851	0.813316	1.23012	1.23012	0.624576	1.60191	1.60191	0.624576	2.08191	2.08191	1.0639	37.3981	31.2461	1
qb14660446	NAPA	0.470588	0.6084	0.776107	-1.28848	0.154809	2.69456	2.69456	0.137957	2.82865	2.82865	0.926408	1.06198	1.06198	0.660195	0.749765	-1.33375	0.44914	0.605279	-1.65213	0.1686	0.384835	-2.59851	0.746231	1.23537	1.23537	0.880472	0.906694	-1.10291	1.0639	7.13998	5.96546	1
qb03612205	MF4GD	0.470591	0.105815	0.385712	-2.59407	0.38467	0.893104	-1.12006	0.951102	1.11243	1.11243	0.51279	0.543645	-1.83979	0.132674	0.213052	-4.69348	0.423918	0.459197	-2.17778	0.137404	0.217685	-4.59379	0.364304	0.824184	-1.21311	0.344084	1.39509	2.5314	1.06389	15.3025	12.7853	1
qb16377948	MOV10;MOV10	0.470603	7	7	7	0.829167	1.58524	1.58524	0.991608	1.02267	1.02267	0.612892	2.97126	2.97126	7	7	7	0.72322	2.13508	2.13508	0.32449	0.84375	0.874165	1.14376	0.407165	2.45719	0.407165	2.45719	0.592548	1.06387	0.012936	-77.3035	1.05948	58.057	54.7977	1
qb16105881	PSMA1	0.470606	0.261592	1.260468	-1.83924	0.0494387	0.076044	-13.1497	0.0760584	13.1497	13.1497	0.0760584	2.81133	2.81133	0.355983	0.832284	-1.20137	0.173564	0.711765	0.622814	1.60555	0.338259	0.321632	-3.10914	0.173565	0.279496	-4.35804	0.171391	0.655005	-1.52671	1.06386	0.22488	0.186855	1
qb19856771	DGKH;DGKH	0.470615	0.221059	0.729522	-1.37756	0.448882	0.825174	-1.21186	0.181729	0.702594	-1.4233	0.147352	1.47276	1.47276	0.348863	0.786518	-1.27143	0.876822	1.03938	1.03938	0.892856	1.03412	1.03412	0.979406	1.00645	1.00645	0.293175	0.762215	1.31197	1.06385	1.04665	0.872847	1
qb01005605	BCL11A;BCL11A;BCL11A	0.470619	0.599876	0.729517	-1.29447	0.720169	0.839118	-1.19173	0.950557	0.970215	-1.0307	0.489629	0.710192	-1.40807	0.495036	0.71331	-1.40191	0.873765	1.08061	1.08061	0.842861	0.299944	-3.33396	0.166033	0.486647	-2.05488	0.262377	0.565624	-1.76796	1.06384	4.006	3.3472	1
qb05012457	NCKAP5;NCKAP5	0.470623	0.553302	1.22627	1.22627	0.932401	1.02924	1.02924	0.270828	1.4769	1.4769	0.692635	1.14469	1.14469	0.224587	1.54324	1.54324	0.646802	1.16985	1.16985	0.0413166	2.32655	2.32655	0.585781	1.20583	1.20583	0.437718	0.763957	-1.30899	0.63683	1.94921	1.62867	1
qb16059374	EDA;EDA;EDA;EDA;EDA;EDA	0.470623	0.107782	0.140164	-7.13449	0.992321	0.989283	-1.01083	0.841016	0.798615	-1.25217	0.361909	2.85563	2.85563	0.378788	2.74836	2.74836	0.110699	0.142846	-7.00054	0.815648	0.766904	-1.29886	0.563833	1.9219	1.9219	0.936673	0.914872	-1.09305	1.06383	2.13219	17.6485	1
qb18395988	SPIN4	0.470624	0.230093	0.841831	-1.82707	0.674153	1.44098	1.44098	0.451361	2.89651	2.89651	0.196311	1.89611	1.89611	0.103887	0.525363	1.9469	0.458788	0.532413	1.87824	0.408087	0.224721	4.45057	0.224657	1.37962	1.37962	0.724967	0.7952	1.41783	1.06382	11.5783	8.34202	1
qb10375300	PDM2;PRDM2;PRDM2	0.470638	0.984255	1.00424	1.00424	0.910125	1.02452	1.02452	0.321111	0.802557	-1.24602	0.6614462	1.5716	1.5716	0.779068	0.94144	-1.0622	0.48907	1.16275	1.16275	0.325678	0.804326	-1.24328	0.440004	1.18409	1.18409	0.433325	1.18715	1.18715	1.0638	0.77568	0.648139	1
qb05807291	DCT;DCT;DCT;DCT	0.470643	0.251582	0.463711	-2.15652	0.911896	1.0736	1.0736	0.237957	2.21025	2.21025	0.768289	0.827334	-1.2087	0.526882	0.662753	-1.50886	0.489395	0.637285	-1.56916	0.0738794	0.278542	-3.59013	0.250954	0.463197	-2.15891	0.708094	0.785594	-1.27292	1.06379	6.93528	5.795	1
qb03992032	KAT6B;1	0.470645	0.776561	0.940364	-1.06357	0.918215	0.904963	-1.10504	0.857873	0.966843	-1.03534	0.807953	1.10545	1.10545	0.110924	0.900703	-1.11035	0.327328	1.21647	1.21647	0.0877317	0.693676	-1.4416	0.917887	1.02018	1.02018	0.763241	1.06028	1.06018	1.06379	0.632509	0.528616	1
qb02550949	ETNK1;ETNK1	0.470672	0.196633	0.753002	-1.32802	0.369058	0.852552	-1.21131	0.981354	0.995156	-1.00487	0.506198	1.15046	1.15046	0.487562	1.15784	1.15784	0.641081	0.907045	-1.10248	0.176784	1.34765	1.34765	0.270401	0.787837	-1.2693	0.13476	0.2084	1.20842	1.06374	0.727479	0.6079	1
qb21162003	PNDC1	0.470679	0.310113	0.7206	-1.38784	0.0494387	0.076071	-13.1497	0.0760584	13.1497	13.1497	0.0760584	1.43739	1.43739	0.696125	1.49449	1.49449	0.334088	0.813734	1.22916	0.223252	1.38188	1.38188	0.723481	0.982491	-1.01782	0.973715	0.854906	1.16972	1.06366	1.5027	1.3886555	1
qb13897296	ZNF281	0.470679	0.901177	0.987367	-1.01279	0.150969	0.854276	-1.17058	0.930835	0.991156	-1.00892	0.246921	1.1319	1.1319	0.863227	1.0178	1.0178	0.329507	1.10847	1.10847	0.70582	1.03957	1.03957	0.411206	0.917601	-1.0898	0.144896	0.851954	-1.17377	1.06373	0.176432	0.147433	1
qb21261709	SRPX2;SRPX2	0.470681	0.270008	0.620223	-1.61232	0.0936845	0.464562	-2.15256	0.462599	1.36476	1.36476	0.358175	0.675053	-1.48137	0.360107	0.67618	-1.4789	0.477102	0.740343	-1.35073	0.447346	0.724641	-1.37999	0.686897	0.844917	-1.18355	0.305466	1.55473	1.55473	1.06372	2.91383	2.43491	1
qb19256094	GDF1;ASS1	0.470682	0.62814	1.1502	1.1502	0.869577	1.13826	1.13826	0.833403	1.07975	1.07975	0.807653	1.04077	1.04077	0.842817	0.961231	-1.04018	0.693287	1.14359	1.14359	0.361615	0.874505	1.14008	1.14008	0.100392	0.877191	1.31883	0.553998	0.805128	-1.24204	1.06372	2.2088	1.84576	1
qb19878026	CUGBP1	0.470683	0.522856	0.648705	-1.54153	0.519391	1.54727	1.54727	0.676954	1.32314	1.32314	0.834352	1.15021	1.15021	0.137454	0.343324	2.9127	0.699287	0.771509	-1.29616	0.230616	0.431514	-2.31742	0.396722	1.786	1.786	0.134011	0.3396	-2.94464	1.06372	7.52431	6.28764	1
qb24446028	HCCS;HCCS	0.470684	0.112404	0.137831	-7.25303	0.135113	0.804456	-1.26311	0.552829	0.82481	-1.42156	0.384029	1.38663	1.38663	0.198296	0.72086	-1.38745	0.478584	0.532413	1.87824	0.408087	0.224721	4.45057	0.224657	1.35209	1.35209	0.568637	0.762962	1.11783	1.06372	0.99161	0.784238	1
qb16731194	PLEKHA5;PLEKHA5	0.470706	0.346867	2.00853	2.00853	0.333639	2.05027	2.05027	0.719147	2.96991	2.96991	0.462101	1.71424	1.71424	0.774183	1.23012	1.23012	0.556253	1.53492	1.53492	0.0324326	0.60734	0.60734	0.178223	2.80075	2.80075	0.289486	2.20689	2.20689	1.06368	8.73242	7.29748	1
	CDC14A;CDC14A;CDC14A;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg08428129	TBX1;TBX1;TBX1;TBX1;TBX1;TBX1	0.471267	0.958037	1.07243	0.177345	0.920662	0.870587	-1.14157	0.927706	0.886381	-1.12818	0.018472	17.1507	17.1507	0.283941	0.22543	-0.43597	0.229725	0.187326	-5.33828	0.961842	0.938395	-1.06565	0.404478	2.885093	2.885093	0.876123	1.23059	1.00261	20.7263	24.8664	1
cg00702126	VWA1;VWA1	0.471276	0.410365	0.485957	-2.05779	0.0590919	0.160915	-6.21447	0.0773357	0.185778	-5.38277	0.478784	0.539449	-1.85374	-0.22000	0.331063	3.02058	0.345214	0.434603	-2.30095	0.496495	0.553318	-1.80728	0.631705	0.661027	-1.5128	0.643384	0.670568	-1.49127	1.0626	12.3651	10.3437	1
cg26574132	ZNF559	0.471298	0.110339	0.720712	-1.38752	0.126606	0.732696	-1.36482	0.245457	0.795607	-1.2569	0.420066	0.856371	-1.16772	0.330176	0.82768	-1.2082	0.0988223	0.711316	-1.40584	0.604329	0.906294	-1.10339	0.969846	0.992911	-1.00714	0.929596	0.983505	-1.01677	1.00256	0.596161	0.498723	1
cg02181847	TFAP2A;TFAP2A;TFAP2A	0.471301	0.283391	0.646224	-1.54745	0.322778	0.670254	-1.49197	0.830981	1.08734	1.08734	0.685583	0.852617	-1.17286	0.540261	0.784393	-1.27491	0.267937	0.57154	-1.75054	0.0762796	0.461805	-2.16542	0.79858	0.904061	-1.10536	0.252108	0.625902	-1.59769	1.00255	2.58248	2.1604	1
cg01726065	KIF7	0.471302	0.933309	1.02077	0.570095	0.868493	-1.15142	0.0515533	0.582901	-1.71556	0.566401	1.15301	1.15301	0.227744	0.72997	-1.36992	0.224932	0.731163	-1.36768	0.897132	1.03229	1.03229	0.6512	1.11829	1.11829	0.967442	1.01008	1.01008	1.06255	1.01557	0.849593	1
cg04094653	PAX7;PAX7;PAX7	0.471302	0.702459	0.799745	-1.25094	0.0685404	0.305092	-3.2777	0.872368	0.912599	-1.09577	0.360628	0.578584	-1.28736	0.571939	0.717003	-1.39452	0.626026	1.33101	1.33101	0.114677	0.368303	-2.75157	0.460827	1.54827	1.54827	0.912249	0.937834	-1.06629	1.00255	5.70447	4.77215	1
cg22837763	ANGPT1	0.471318	0.724779	0.795809	-1.25658	0.773365	1.2051	1.2051	0.449968	0.608118	-1.64442	0.691723	1.2937	1.2937	0.273226	0.478669	-2.08912	0.500321	0.642734	-1.55585	0.699559	0.778371	-1.28473	0.0669888	3.76834	3.76834	0.33241	1.90801	1.90801	0.62552	7.02499	5.87702	1
cg11731892	ANKRD368	0.471322	0.20522	0.718325	-1.3928	0.216168	0.1006503	0.77309	-1.29319	0.886582	0.978235	-1.02226	0.690036	0.942345	-1.06062	0.534988	1.09919	1.09919	0.707958	1.0568	1.0568	0.95146	1.05134	0.0953473	0.794129	-1.30868	0.725481	0.949558	-1.05312	0.412751	0.884314	-1.13082	1.00251	0.362712	0.303442	1
cg42544480	KCNK3	0.471336	0.231078	0.564659	-1.77098	0.808121	0.2915213	-1.11705	0.318716	0.625735	-1.59815	0.118565	0.46261	-2.16165	0.528606	0.947928	-1.15373	0.213528	0.55105	-1.81472	0.270608	0.398825	-2.50736	0.912689	0.97128	1.05117	0.928586	0.960037	-1.04163	1.00248	0.148305	2.91397	1
cg08643953	UBAS;ACAD11;UBAS	0.471341	0.811065	0.962333	-1.03914	0.285693	1.19455	1.19455	0.794808	1.04267	1.04267	0.973744	0.994738	-1.00529	0.995008	0.998997	-1.001	0.518027	0.900477	-1.11052	0.447677	0.883322	-1.13209	0.146648	1.28372	1.28372	0.0779345	1.36895	1.36895	0.62407	0.432506	0.361844	1
cg37398252	AVEL;BVES	0.471353	0.218991	0.584909	-1.70966	0.0794223	0.693859	-1.44128	0.878	0.924702	0.9014445	-1.10933	0.510148	1.96042	1.96042	0.12348	-8.09023	0.959371	0.978208	-1.0437	0.696186	1.00198	1.00198	1.00198	1.28004	1.28004	0.0288852	1.29241	1.29241	0.125412	0.502887	0.198852	2.80044	2.41423	1
cg03155562	ZBTB7B	0.471361	0.634606	1.07555	1.03697	1.31281	1.31281	0.937518	1.01206	1.01206	0.539278	0.908874	-1.10026	0.845749	1.03024	1.03024	0.451398	0.889246	-1.12453	0.159005	0.794334	0.729854	-1.37089	0.103587	0.255308	1.99919	1.99919	0.62444	0.393658	0.329355	1
cg11066580	FOXI1	0.471362	0.425945	1.44018	1.44018	1.09054	1.86269	1.86269	0.65986	1.23993	1.23993	0.667317	0.823591	-1.2142	0.206319	0.818521	1.81851	0.962646	0.979089	-1.02136	0.683725	0.829487	-1.20556	0.837343	1.09802	1.09802	0.729173	0.853759	-1.17129	1.0624	3.48176	2.83112	1
cg23573638	STX2	0.47138	0.610322	1.28888	1.28888	0.753449	1.16834	1.16834	0.35093	0.622481	-1.60647	0.468589	1.43924	1.43924	0.256131	2.90805	2.90805	0.49006	1.41367	1.41367	0.254136	1.80035	0.763716	1.16051	1.16051	0.205486	1.93388	1.93388	1.0624	4.10233	3.43234	1
cg27462394	KPNA6	0.471387	0.0687866	1.08514	-1.34993	0.243157	2.25145	2.25145	0.708787	0.778347	-1.28477	0.57474	0.894794	-1.11829	0.7	0.7	-1.42857	0.360139	1.87456	1.87456	0.798046	1.1868	1.1868	1.1868

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	Ratio(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 047 vs. N)	Fold-Change(121T vs. 047 vs. N)	p-value(347T vs. N)	p-value(347T vs. 047 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(5 vs. N)	p-value(5630 vs. N)	Ratio(5630 vs. 637 vs. N)	Fold-Change(5630 vs. 637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg10483699	SCEL;FKBP14	0.472017	0.435632	0.773739	-1.29539	0.580301	1.19954	1.19954	0.897437	0.956861	-1.04529	0.16429	0.656167	0.863389	-1.15823	0.24212	0.671121	1.40004	0.121127	0.578387	-1.73895	0.0734715	0.521991	-1.91574	0.324334	0.83937	-1.19137	0.663931	1.15411	1.15411	1.06119	1.7835	1.49381	1
cg09508119	C19orf20	0.47202	0.886709	0.975715	-1.023	1.109451	1.32103	1.32103	0.343523	1.16844	1.16844	0.437253	1.13476	1.13476	0.596985	0.918398	1.08885		0.214524	1.23178	1.23178	0.211187	0.810466	-1.23386	0.328616	1.10715	1.10715	0.849919	1.03068	1.03068	1.06119	0.427726	0.358278	1
cg10813585	RSBN1	0.4720025	0.539317	1.71853	1.71853	0.10304	4.72943	4.72943	0.0613768	6.27348	6.27348	0.698755	1.40328	1.40328	0.573633	0.609345	-1.64111		0.588039	0.620958	-1.61042	0.82081	0.82065	-1.21855	0.85248	1.17608	1.17608	0.968694	1.03478	1.03478	1.06118	12.7575	10.6862	1
cg13953900	ADAMTSL1;ADAMTSL1	0.472028	0.594846	1.08542	1.08542	0.22615	1.21616	1.21616	0.463315	1.12074	1.12074	0.314478	1.14935	1.14935	0.311739	0.852363	-1.17328		0.503577	1.10921	1.10921	0.784424	1.04276	1.04276	0.166729	0.798417	-1.25248	0.242501	1.20536	1.20536	1.06117	0.393882	0.328259	1
cg12220625	SNX15;SNX15	0.472029	0.684112	1.0496	1.0496	0.279117	1.14216	1.14216	0.42166	1.10201	1.10201	0.521077	0.926041	-1.07987	0.169878	0.841127	-1.18888		0.270995	0.873176	-1.14524	0.975526	0.996376	-1.00364	0.485248	1.08754	1.08754	0.22062	1.16461	1.16461	0.06117	0.235356	0.197145	1
cg04134790	CCNA2	0.52004	0.851996	-1.17371	0.229052	1.36349	1.36349	0.186065	1.44006	1.44006	0.698382	1.00037	1.00037	0.986194	1.00426	1.00037	1.00037	0.986194	1.00426	1.00037	1.00037	0.986194	1.00426	0.0943668	0.636554	-1.57096	0.06115	1.014	0.84939	1
cg15177211	POR	0.472041	0.577223	1.49329	1.49329	0.798044	1.2003	1.2003	0.851958	1.14228	1.14228	0.707006	0.764243	-1.30848	0.976651	0.979377	-1.02106		0.614496	1.43565	1.43565	0.858243	1.13576	1.13576	0.0185627	7.63353	7.63353	0.591971	1.46997	1.46997	0.06115	8.52073	7.13753	1
cg00477582	CAPN10;CAPN10;CAPN10;CAPN10	0.472047	0.418244	0.975855	-1.33004	0.250215	0.660089	1.51331	0.1263656	0.565152	1.76881	0.457761	0.779296	-1.28408	0.629095	1.58973	1.18272		0.529953	0.80125	-1.24805	0.163999	1.66875	1.66875	0.715482	0.880675	-1.13549	0.407265	0.746545	-1.3395	0.06114	1.99808	1.67375	1
cg17826594	PCSK9	0.472056	0.369329	1.92822	1.92822	0.374524	1.68247	1.68247	0.961558	1.02819	1.02819	0.972602	1.02602	1.02602	0.384221	-2.60267			0.246947	0.501067	-1.99574	0.520697	0.689631	-1.45005	0.243615	0.633119	-1.57948	0.935962	1.04693	1.04693	1.06112	5.47517	4.58649	1
cg05673087	GEMIN8;GEMIN8;GEMIN8	0.472072	0.993253	0.995746	-1.00427	0.978967	1.01334	1.01334	0.224175	1.89994	1.89994	0.110693	2.39557	2.39557	0.946555	1.03427	1.03427		0.172111	0.481639	-2.07624	0.895249	0.935931	-1.06845	0.221528	1.90766	1.90766	0.62936	1.27691	1.27691	1.06109	4.24584	3.55679	1
cg05122437	MTUS2;MTUS2	0.472073	0.0766327	1.31079	1.31079	0.762994	1.11551	1.11551	0.896722	1.68732	1.68732	0.53656	0.863389	1.15764	0.163793	0.244188	-4.12438		0.546672	1.616926	1.616926	0.142884	2.02808	2.02808	0.0139352	0.396358	2.52271	0.0139352	0.396358	2.52271	1.06109	10.537	8.82696	1
cg24904099	SPR54	0.472079	0.0701473	0.118524	-8.43731	0.373032	0.631155	2.63155	0.506583	2.03368	2.03368	0.126136	0.750885	-1.33176	0.391453	0.396566	2.52165		0.864097	1.97777	1.97777	0.282115	3.24593	3.24593	0.158539	1.86549	1.86549	0.628407	1.6715	1.6715	1.06108	18.6474	15.6213	1
cg16276038	TBX1;TBX1;TBX1	0.472098	0.151632	3.14027	3.14027	0.760888	0.795496	1.25071	0.794018	1.26203	1.26203	0.104284	3.76498	3.76498	0.874027	0.888296	-1.12575		0.607238	0.879045	-1.44227	0.456817	0.553116	1.80794	0.329019	1.23844	1.23844	0.270925	2.93101	2.93101	1.06104	9.92563	7.84606	1
cg02288754	SALL1;SALL1	0.472105	0.212351	0.518756	-1.92709	0.0628635	0.351461	2.84527	0.370711	0.63175	-1.5829	0.490994	0.70502	-1.4184	0.387528	0.642408	-1.55664		0.984892	0.990584	-1.00951	0.22145	0.526166	-1.90054	0.12852	0.44006	-2.27242	0.396528	0.648045	-1.5431	1.06103	4.19505	3.51445	1
cg06622199	SEPTIN9;SEPTP9;SEPTP;SEPTP;SEPT9	0.472105	0.0679316	0.494899	-2.02061	0.576468	1.21426	1.21426	0.149437	0.587564	-1.70194	0.316139	0.697596	-1.4335	0.540373	0.80796	-1.23769		0.946824	0.977314	-1.02321	0.886176	0.951918	-1.05051	0.395467	0.741262	-1.34905	0.214417	0.637837	-1.5678	1.06103	1.98897	1.66622	1
cg18569182	TRAIP	0.472115	0.819718	0.897751	-1.11389	0.324042	0.455441	-1.96554	0.215647	0.26135	-3.82735	0.0178353	0.862303	-1.15968	0.410696	0.674512	-1.48255		0.260692	0.59558	-1.67903	0.128022	0.495586	-2.17587	0.149725	0.482033	-2.07455	0.841556	1.09919	1.09919	0.06102	1.37163	1.143	1
cg19419291	ELL2	0.472115	0.647104	1.52182	1.52182	0.92453	1.09015	1.09015	0.228549	1.1622	1.1622	0.0897378	1.49607	1.49607	0.951947	0.946578	-1.05644		0.293816	0.370834	-2.69663	0.462929	0.506274	-1.97521	0.409054	0.463383	-2.15804	0.512981	1.83019	1.83019	0.06101	13.946	11.6836	1
cg00994443	HCD22	0.472121	0.700379	1.124	1.124	0.716193	0.895436	-1.11677	0.616989	1.56513	1.56513	0.411231	1.28921	1.28921	0.0941145	1.74446	-1.74446		0.152998	1.58831	1.58831	0.182947	1.51301	1.51301	0.865265	1.05268	1.05268	0.905303	0.964466	-1.03664	1.061	1.51587	1.28273	1
cg03397575	C10orf67	0.472126	0.434889	1.6910353	-1.44707	0.751195	0.861666	-1.16054	0.615647	0.26135	-3.82735	0.0178353	0.862303	-1.15968	0.410696	0.674512	-1.48255		0.193314	0.525021	-1.90469	0.0534997	0.362103	-2.76102	0.362878	0.645506	-1.54917	0.446895	1.39449	1.39449	1.06099	3.68147	3.08431	1
cg00715011	HMGN5;SH3BGRL;SH3BGRL	0.47214	0.196876	0.448065	-2.23182	0.15278	0.406143	-2.46219	0.420799	1.62245	1.62245	0.946161	1.04054	1.04054	0.648664	0.763445	-1.30985		0.0948957	0.339609	-2.94456	0.692393	1.26361	1.26361	0.735092	1.2212	1.2212	0.935149	1.04905	1.04905	1.06096	5.81786	4.87428	1
cg22541911	GAUNT6	0.472141	0.55753	2.43088	2.43088	0.0993224	1.19222	1.19222	0.714958	0.5803555	-1.72308	0.741065	0.952651	-1.04992	0.509344	1.14018	-1.14018		0.865254	0.778755	-1.2841	0.831401	0.728856	-1.37201	0.665328	0.782003	-1.27853	0.0218958	0.591372	1.06096	0.0160098	36.9787	30.9813	1
cg05511906	CAMK1	0.472152	0.669349	1.05757	1.05757	0.0805125	0.776796	-1.28734	0.484043	1.09709	1.09709	0.489818	1.09571	1.09571	0.771374	1.20508	1.20508		0.259358	1.16569	1.16569	0.779656	1.03722	1.03722	0.696726	1.05236	1.05236	0.658372	1.05969	1.05969	1.06094	0.285262	0.239001	1
cg14669863	HCN3	0.472155	0.87655	1.10615	1.10615	0.772164	1.08736	1.08736	0.272271	0.8490698	1.17784	0.441612	0.628315	1.59156	0.0552284	0.947342	-1.05559		0.592215	0.78788	-1.26911	0.624758	0.448355	2.23056	0.0507731	0.197734	0.0553702	0.424104	0.424104	1.06094	0.232	0.193	1
cg24205453	SLC22A18AS;SLC22A18;SLC22A18	0.472161	0.46936	0.497916	-2.00837	0.463119	0.492873	-2.02892	0.386289	2.31948	2.31948	0.862071	0.848119	-1.17908	0.0721953	0.149434	6.69194		0.945156	0.936906	-1.06734	0.342991	0.396344	-2.52306	0.120469	0.202808	-4.93077	0.507387	0.528809	-1.89104	1.06092	15.079	12.6338	1
cg20126117	DHX8	0.472169	0.716182	0.864248	-1.15708	0.585533	0.601566	1.60166	0.656739	0.836335	-1.19569	0.171403	1.78934	1.78934	0.572191	1.25617	1.25617		0.24413	1.62728	1.62728	0.217613	1.67912	1.67912	0.211093	1.69296	1.69296	0.152892	1.84354	1.84354	1.06091	2.6827	2.24772	1
cg14321708	WDR5;WDR5	0.472173	0.748798	1.829235	1.40841	0.483293	1.65791	1.65791	0.163163	0.850706	1.11795	1.11795	0.61804	1.35613	0.269855	0.724112	-1.38106		0.133781	0.38549	-2.59303	0.0192318	1.27764	1.27764	0.79661	0.858831	-1.1649	0.153256	0.836453	1.19553	1.06091	0.53828	0.48749	1
cg03601053	DDX3Y;DDX3Y;DDX3Y	0.472191	0.198632	6.09276	6.09276	0.653942	1.82262	1.82262	0.954645	1.0786	1.0786	0.171479	0.144178	-6.93588	0.237377	0.192691	-5.18966		0.15718	7.48205	7.48205	0.755262	1.51582	1.51582	0.841707	1.30474	1.30474	0.812179	1.37254	1.37254	1.06087	29.7332	24.9132	1
cg16135831	ENOX1	0.472196	0.27428	1.66916	1.66916	0.368944	1.07545	1.07545	0.933842	1.0807827	-1.10153	0.326746	0.833831	-1.57771	0.899766	0.944648	-1.05839		0.667175	1.21511	1.21511	0.8373569	1.09709	1.09709	0.0885	1.27676	1.27676	0.942382	1.03309	1.03309	1.06085	3.40781	2.8554	1
cg02461739	FKRP;FDXR	0.472198	0.940448	0.941442	-1.0622	0.0340078	1.37503	1.37503	0.173897	3.21676	3.21676	0.928951	1.07468	1.07468	0.533237	0.6006992	-1.66475		0.917096	0.919346	-1.08773	0.906054	0.909053	-1.10005	0.877157	-1.13307	1.13307	0.947297	1.05484	1.05484	1.06085	10.9593	9.18284	1
cg13166748	HERC2	0.472208	0.557836	0.608797	-1.64258	0.307471	0.412898	-2.42191	0.110607	0.28751	0.28751	0.637429	1.42774	1.42774	0.417383	0.499608	-2.00157		0.480596	0.548625	-1.82274	0.241368	0.358129	-2.79229	0.321425	0.424125	-2.3578	0.725804	1.34289	1.34289	1.06084	11.7791	9.86969	1
cg13748031	NEIL3	0.472214	0.243421	0.786319	0.786319	0.0445628	0.724196	1.24096	0.887782	1.03669	1.03669	0.417087	0.822721	-1.21576	0.0910453	0.190763	-5.24448		0.10763	1.00763	1.00763	0.953127	1.05364	1.05364	0.0613478	1.69639	1.69639	1.06082	0.105027	0.884909	1
cg11304499	RNF130	0.472217	0.408978	0.823871	-1.21378	0.858982	0.98827	-1.01187	0.226504	0.240726	-4.15821	0.504861	1.15261	1.15261	0.156458	0.826243	-1.2103		0.971215	1.08311	1.08311	0.103766	1.50401	1.50401	0.362964	0.75224	-1.32936	0.613286	1.889659	-1.12403	1.06082	0.884282	0.740665	1
cg00079208	AFF1	0.472221	0.456617	0.753455	0.753455	0.0276021	0.647982	1.55091	0.774225	1.12722	1.12722	0.764898	1.14662	1.14662	0.712725	1.42552	-1.42552		0.436985	0.618516	1.71935	0.0534577	0.231862	-4.31291	0.292898	0.51902	-1.92652	0.737787	1.26046	1.26046	1.06082	0.504	0.421	1
cg04346487	MAD1L1;MAD1L1;MAD1L1 C21orf66;C21orf66;C21orf66;C21orf40; C21orf40	0.472227	0.535222	0.740184	-1.35102	0.153274	0.480617	-2.08066	0.519819	0.731541	-1.36698	0.424858	0.676738	-1.47768	0.13531	0.462411	2.16258		0.292954	0.592901	-1.68662	0.252031	1.77412	1.77412	0.926315	0.956648	-1.04532	0.279458	0.583488	-1.71383	1.0608	1.85677	3.23175	1
cg07450406	C21orf40	0.472231	0.204811	2.34111	1.23411	0.140287	0.79235	-1.26197	0.283991	0.89956	1.02005	0.0022025	0.910951	1.01951	0.385281	0.839917	-1.19059		0.555399	0.910487	-1.09831	0.19445	0.805889	-1.24087	0.478205	1.12004	1.12004	0.68345	0.937577	-1.06658	1.06079	0.415288	0.347991	1
cg09104029	YEATS4	0.472232	0.931349	0.974579	-1.02608	0.486244	1.23545	1.23545	0.344275	0.747412	-1.33795	0.887014	0.958403	-1.0434	0.536619	1.20563	1.20563		0.0480486	1.96471	1.96471	0.379832	1.30896	1.30896	0.295687	1.38275	1.38275	0.457532	1.2537	1.2537	1.06079	1.50052	1.25736	1
cg03441363	NDRG4;NDRG4;NDRG4	0.472238	0.0731455	0.118524	-8.43731	0.373032	0.631155	2.63155	0.506583	2.03368	2.03368	0.126136	0.750885	-1.33176	0.391453	0.396566	2.52165		0.884686	0.809091	-1.23564	0.308794	0.964408	1.03705	0.863844	0.810708	-1.23359	0.264178	0.631843	-1.58318	1.06078	0.0160933	-1.43485	0.00878	0.81843	0.106393	1
cg16930746	STARD13;STARD13	0.472261	0.0433913	0.454752	-2.199	0.409295	0.751073	-1.33143	0.377729	0.735646	-1.35935	0.68358	0.870226	-1.14913	0.372283	0.735424	-1.35976		0.467947	0.778403	-1.28468	0.331817	1.40441	1.40441	0.897814	1.04454	1.04454	0.590208	0.83159	-1.20252	1.06073	1.39296	1.16981	1
cg13597809	TRAF2	0.472266	0.162232	0.309981	-3.22601	0.760248	1.27155	1.27155	0.555913	0.626541	-1.59606	0.175554	0.322842	-3.09749	0.110784	0.255683	-3.9111		0.215584	0.3595	-2.78164	0.185324	0.332042	-3.01167	0.493699	0.579513	-1.72559	0.324216	0.449721	-2.2236	1.06072	10.35	8.67332	1
cg16136290	C1orf183;C1orf183	0.472269	0.529034	1.71787	1.71787	0.440298	0.691284	-1.44673	0.277	0.269069	3.71625	0.0106147	0.510947	1.95775	0.0106147	0.0370952	2.69691		0.224599	0.50842	-1.96685	0.114834	0.407492	-2.4544	0.0746553	0.348894	-2.8662	0.87483	1.08935	1.08935	1.06072	1.42402	0.95876	1
cg08309183	KCNH2;KCNH2	0.472269	0.0681687	0.298504	-3.34555	0.727323	0.813031	-1.22997	0.488997	1.51529	1.51529	0.458043	0.639665	-1.56332	0.596602	0.729172	-1.37142		0.967626	0.976288	-1.02429	0.460298	0.641151	-1.5597	0.881557	0.318777	-1.13699	0.889416	0.921032	-1.08574	1.06072	5.87339	4.92193	1
cg18539332	C10orf116	0.472273	0.748798	0.829235	0.840841	0.483293	1.65791	1.65791	0.163163	0.850706	1.11795	1.11795	0.61804	1.35613	0.269855	0.724112	-1.38106		0.133781	0.38549	-2.59303	0.0192318	1.27764	1.27764	0.79661	0.858831	-1.1649	0.153256	0.836453	1.19553	1.06071	0.53828	0.48749	1
cg00282195	B3GALT1	0.472285	0.96606	1.01753	1.01753	0.226646	0.595524	-1.67919	0.142524	0.525387	-1.90336	0.843014	0.92221	-1.08433	0.0825231	0.456032	-2.19283		0.808182	1.10441	1.10441	0.676392	1.18695	1.18695	0.650019	0.829851	-1.20504	0.198973	0.574554	-1.74052	1.06069	2.80057	2.34696	1
cg04032829	ZNF280B	0.472287	0.867173	0.956476	-1.03469	0.375353	1.203612	1.203612	0.0329762	1.63266	1.63266	0.926158	0.981294	-1.01874	0.861951	0.940678	-1.06351		0.725582	1.41044	1.41044	0.384682	1.20813	1.20813	0.836867	1.24907	1.24907	0.551086	0.874189	-1.14392	1.06068	0.907084	0.75818	1
cg03390207	CDRD6	0.472288	0.401529	0.606607	-1.64907	0.275972	0.365445	2.73545	0.247526	0.24129	-4.14297	0.0619437	0.193947	5.15437	0.0134572	0.163524	-6.11672		0.46906	1.3737	1.3737	0.47689	1.21563	1.21563	0.345964	1.68711	1.68711	0.540656	0.76569	1.30601	1.06068	1.0321	0.862	1
cg08656504	CENPE	0.47229	0.716838	0.922467	-1.08405	0.178297	1.37285	1.37285	0.230044	1.32184	1.32184	0.958997	0.988673	-1.01146	0.548399	1.14403	1.14403		0.832719	0.954217	-1.04798	0.214698	0.748707	-1.33564	0.50291	0.860156	-1.16258	0.186199	1.36414	1.36414	1.06068	0.824714	0.691141	1
cg08800188	MCF2L;MCF2L	0.472293	0.419983	0.752436	0.752436	0.0445628	0.724196	1.24096	0.887782	1.03669	1.03669	0.417087	0.822721	-1.21576	0.0910453	0.190763	-5.24448		0.10763	1.00763	1.00763	0.953127	1.05364	1.05364	0.0613478	1.69639	1.69639	1.06082	0.105027	0.884909	1
cg18776056	FKBP4	0.472303	0.579552	1.11623	1.11623	0.618124	0.905973	-1.10379	0.617168	1.10393	1.10393	0.297925	1.27494	1.27494	0.58844	1.11331	1.11331		0.603662	0.902214	-1.10838	0.116771	0.715469	-1.39769	0.170986	1.33165	1.33165	0.537381	1.13055	1.13055	1.06065	0.648487	0.54347	1
cg24610236	CHH9;CHH9;CHH9	0.472309	0.454861	0.761506	-1.31251	0.324702	0.706605	-1.41522	0.0487394	0.47489	-2.10469	0.2114	0.624791	-1.60053	0.494712	0.780504	-1.28108		0.820357	0.923599	-1.08456	0.609575	1.30771	1.30771	0.567102	1.22823	1.22823	0.495683	0.781042	-1.28004	1.06064	2.14317	1.79675	1
cg21951457	TACC2;TACC2;TACC2;TACC2	0.472311	0.86487	0.97904	-1.02145	0.377097	1.11551	1.11551	0.151783	0.828577	-1.20689	0.210565	1.1783	1.1783	0.863392	0.978811	-1.02165		0.383673	1.1175	1.1175	0.245377	0.938944	-1.06503	0.993829	0.999039	-1.00096	0.148399	1.21263	1.21263	1.06064	2.259808	0.2177737	1
cg16336056	SEPN1;SEPN1	0.472316	0.827666	1.04079	1.04079	0.222048	1.26537	1.26537	0.76918	0.949237	-1.05348	0.154318	1.32265	1.32265	0.185962	1.29328	1.29328		0.594662	1.1035	1.1035	0.401456	1.45312	1.45312	0.376608	1.18104	1.18104	0.10663	0.56498	0.473496	1
cg14466942	RBM24;RBM24;RBM24	0.472321	0.803538	0.807489	-1.23904	0.475842	0.708548	-1.41074	0.123991	0.375239	-2.66525	0.0455822	0.458021	2.18294	0.0955107	0.499263	-2.00373		0.454822	1.34146	1.34146	0.14296	1.61208	1.61208	0.0108924	0.0822	0.68885	0.0108924	0.0822	0.68885	1.06062	1.74274	1.33521	1
cg14684554	MORN4;MORN4	0.47233	0.528296	0.878954	-1.13772	0.638786	0.908894	-1.10018	0.516878	0.875716	-1.14192	0.737306	1.07035	1.07035	0.273189	1.25897	1.25897		0.381385	1.19878	1.19878	0.106916	1.42681	1.42681	0.210154	0.765911	-1.30563	0.969015	0.992186	-1.00788	1.0606	0.685042	0.574132	1
cg10118925	AKAP12;AKAP12	0.472337	0.464439	1.23545	1.23545	0.63721	0.873808	-1.14442	0.584652	0.854676	-1.16976	0.805894	0.932476	-1.07241	0.305164	0.739689	-1.35192		0.118414	0.677932	-1.6183	0.923491	0.975307	-1.02567	0.471888	1.23096	1.23096	0.145375	1.55802	1.55802	1.0606	1.35451	1.13321	1
cg00138407	KLHL18	0.472345	0.477233	0.509555	-1.96211	0.122484	0.76336	0.76336	0.374723	2.3907	2.3907	0.695205	1.43638	1.43638	0.107369	0.19416	-5.15038		0.851933	0.840068	-1.19038	0.581702	0.595115	-1.68205	0.992751	0.991563	-1.00851	0.544965	0.564736	-1.77074	1.06058	14.6115	12.2462	1
cg00572889	PGBD5	0.472352	0.634498	1.33902	1.33902	0.0424477	5.14633	5.14633	0.113052	3.35067	3.35067	0.842577	0.869874	-1.14959	0.746805	1.25497	1.25497		0.795111	1.20016	1.20016	0.28137	2.18538	2.18538	0.98013	1.01761	1.01761	0.9924	1.00067	1.0067	1.06056	8.25629	6.91985	1
cg05756385	EVL	0.472353	0.481608	0.719245	0.719245	0.0445628	0.724196	1.24096	0.887782	1.03669	1.03669	0.417087	0.822721	-1.21576	0.0910453	0.190763	-5.24448		0.10763	1.00763	1.00763	0.953127	1.05364	1.05364	0.0613478	1.69639	1.69639	1.06082	0.105027	0.884909	1
cg19256717	CEPT1;DRAM2;CEPT1 SEMA6D;SEMA6D;SEMA6D;SEMA6D;SE	0.472367	0.725469	1.09093	1.09908	0.100428	0.617406	-1.61968	0.421916	0.802659	-1.24586	0.441917	0.810521	-1.23377	0.956395	0.985455	-1.01476		0.396463	1.26197	1.26197	0.915786	0.972055	-1.02875	0.741004	0.932	-1.07283	0.0161	1.39627	0.19623	1.06053	1.206	1.01082	1
cg19099040	MA6D;SEMA6D	0.472369	0.068019	13.2192	13.2192	0.43236	0.363424	-2.75161	0.982467	0.972624	-1.02815	0.759983	0.679044	-1.47266	0.592718	1.97791	1.97791		0.5154	0.434676	-2.30057	0.884795	0.832649	-1.20099	0.730083	0.645647	-1.54883	0.142492	7.32583	7.32583	1.06053	26.8016	22.4639	1
cg18078170	SYT16	0.472371	0.715552	1.15041	1.15041	0.072569	2.14119	2.14119	0.315005	1.48417	1.48417	0.737022	1.14247	1.14247	0.784361	0.900603	-1.11037		0.338915	1.45443	1.45443	0.0828316	2.07497	2.07497	0.372185	1.4165	1.4165	0.905702	0.955962	-1.04607	1.06053	2.42587	2.03326	1
cg01197302	RAD6L	0.472374	0.564306	1.08239	1.08239	0.214738	0.629662	-1.61535	0.215464	0.294866	-3.39137	0.153742	0.414152	2.41452	0.0844524	0.170275	-5.87244		0.211757	0.733965	1.36254	0.242912	0.700275	-1.42804	0.277616	-1.28839	0.201406	0.728176	-1.37329	0.0852	0.928525	0.77825	1
cg22004830	PTPN2;PTPN2;PTPN2	0.472378	0.512595	1.22166	1.22166	0.849648	1.05888	1.05888	0.970551	0.988932	-1.01119	0.558392	1.19533	1.19533	0.294974	0.720769	-1.38741		0.137115	1.62052	1.62052	0.098721	1.72601	1.72601	0.241528	1.44714	1.44714	0.900608	0.963032	-1.03839	1.06051	1.52656	1.27952	1
cg14436875	DAB2IP	0.472378	0.537388	0.864821	0.49965	0.598384	0.79034	1.79034	0.0954971	2.1819	2.1819	0.887609	0.91961	1.09961

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg21308895	SLC28A3	0.472821	0.0548454	0.553435	-1.8069	-1.857735	1.04096	1.04096	0.571745	0.8562203	-1.16795	-2.210415	0.7040882	-1.42029	0.387987	0.7863229	-1.27173	0.310734	1.32869	1.32969	0.818159	0.939351	-1.00457	-2.057358	0.8143443	-1.16445	1.05968	1.23872	1.03908	1
cg22876643	DEPDC1;DEPDC1	0.472822	0.148335	0.534154	-1.87212	0.652816	0.831265	-1.20098	0.927726	1.03737	1.03737	0.980085	0.989056	-1.01015	0.924504	0.598018	-1.67219	0.0922454	0.472604	-2.11594	0.8163366	1.09865	1.08065	0.297311	1.54804	1.54804	0.811944	0.908105	-1.10119	1.05968	2.74517	2.30273	1
cg18519564	RCL1	0.472827	0.619946	1.17125	1.17125	0.5716656	1.19809	1.19809	0.594125	1.18538	1.18538	1.124508	0.591034	-1.69195	0.962693	1.0149	1.0149	1.28681	1.41868	1.41868	1.252113	0.685041	-1.45977	0.794388	1.08609	1.08609	0.1998835	1.53457	1.53457	1.05967	1.67792	1.40751	1
cg07958502	ITGA11 MAAP;MAAP1;LOC101028977;MAAP1;MA	0.472837	1.125877	1.261111	-3.82979	0.697609	0.728617	-1.37267	0.813099	1.257313	-1.21108	0.399382	0.45205	-2.22198	0.166113	0.302003	-3.31122	1.397772	1.495593	-2.01708	0.8023941	1.207532	-4.81854	0.171773	0.907436	-3.25271	0.400251	0.497508	-2.01002	1.05966	11.03127	9.25467	1
cg10725121	PTJMAPT;LOC101030148;MAPT	0.472845	0.458681	0.837676	-1.19378	0.405606	1.22108	1.22108	0.709921	0.916029	-1.09167	0.0747543	0.627548	-1.5935	0.631388	0.892728	-1.12016	0.464179	0.839552	-1.19111	?	?	0.293439	0.774275	-1.29153	0.44406	1.20101	1.20101	0.105095	0.815281	0.775756	1
cg01953317	CCDC88A;CCDC88A	0.472846	0.809061	0.915709	-1.09205	0.914891	1.03965	1.03965	0.465029	1.31057	1.31057	0.823506	1.08465	1.08465	0.272414	1.51517	1.51517	0.907886	1.043	1.043	0.0582358	2.1783	2.1783	0.377174	1.39044	1.39044	0.0948284	1.94988	1.94988	1.05963	2.22045	1.86266	1
cg06630988	TMEM132B	0.472849	0.272997	0.493201	-2.02757	0.6339715	1.35845	1.35845	0.0831047	1.904609	1.35294	0.455867	0.624669	-1.65935	0.882611	0.912511	-1.09586	0.857905	0.894906	-1.11744	0.615757	1.36827	1.36827	0.232771	2.17109	2.17109	0.50179	1.52566	1.52566	1.05962	6.44199	5.404	1
cg06045579	FBXO31;MAP1LC3B	0.47285	0.785545	1.06398	1.063398	0.585963	0.882437	-1.13323	0.70537	1.09021	1.09021	0.737667	0.878821	-1.13789	0.845903	1.04524	1.04524	0.405842	0.824171	-1.21334	0.0445448	1.68969	1.68969	0.833221	0.95318	-1.04912	0.312285	0.788455	1.2683	1.05962	0.8607746	0.727929	1
cg24149658	CAPN6	0.472851	0.473194	1.58566	1.58566	0.7127105	1.24781	1.24781	0.975811	0.9810323	-1.01934	0.162641	0.389894	-2.5648	0.241638	0.460948	-2.16944	0.132241	2.79145	2.79145	0.432143	1.65961	1.65961	0.519599	1.51059	1.51059	0.8184665	0.864785	-1.15636	1.05962	6.70106	5.62135	1
cg03154494	KDM3B;KDM3B	0.472854	0.743835	1.1398	1.1398	0.6552665	1.18264	1.18264	0.828283	1.08231	1.08231	0.859481	1.02554	-1.07662	0.765029	0.995712	-1.00435	0.899554	1.08892	1.08892	1.065478	0.995712	0.94158	1.06142	0.651427	0.903778	-1.18011	0.845248	0.913134	-1.07375	1.05961	2.22523	1.8667	1
cg18399459	TAOK1	0.472861	0.133836	0.605527	-1.65146	0.54215	1.211	1.211	0.442367	0.784248	-1.27561	0.649015	0.867475	-1.15277	0.0582034	0.514691	-1.94291	0.864192	0.947273	-1.05566	0.470404	1.25587	1.25587	0.814114	0.9205828	-1.07581	0.869114	0.950118	-1.0525	1.0596	1.6155	1.35522	1
cg24557248	SIX2	0.472862	0.323009	0.577179	-1.35652	0.5600332	0.818459	1.24248	0.182239	0.655154	1.52636	0.323611	1.35597	1.355597	0.409197	0.771563	-1.29305	0.574059	0.849365	-1.18468	0.0998691	0.585553	-1.71362	0.877763	0.9550565	-1.04705	0.4830515	1.2373	1.2373	1.0596	1.49735	1.25621	1
cg17536145	KLHL29	0.472865	0.117722	0.56422	-1.77236	0.267074	1.47624	1.47624	0.0911966	1.32032	1.32032	0.931254	0.971353	-1.02949	0.740196	0.8939355	-1.11862	0.308194	0.700958	-1.42662	0.2442945	1.50926	1.50926	0.270877	0.6796661	-1.47132	0.847242	0.937098	-1.06712	1.05959	1.90436	1.59756	1
cg13026483	TMEM161A	0.472867	0.116404	0.560126	-1.78563	0.67593	0.859479	-1.1635	0.230453	1.53346	0.534836	0.446442	0.813507	-1.22925	0.449438	1.29942	1.29942	?	?	?	?	?	0.293439	0.774275	-1.29153	0.44406	1.20101	1.20101	0.105095	0.815281	0.775756	1
cg19098768	FAM82A1	0.472869	0.417884	0.752453	-1.32899	0.905503	0.960019	-1.04165	0.990386	1.35326	1.35326	0.475667	1.28301	1.283301	0.820599	0.6249227	-1.60117	0.122567	0.56278	-1.77689	0.259555	0.667581	-1.49795	0.138782	0.5784033	-1.7289	0.476521	0.777072	-1.28688	1.05959	1.98094	1.66181	1
cg04376185	SCML1;SCML1;SCML1;SCML1	0.472875	0.153451	0.108854	-9.18659	0.985498	1.02672	1.02672	0.99553	1.00816	1.00816	0.192983	0.738149	1.738149	0.510462	2.63423	2.63423	0.123142	0.0886193	-11.2842	0.397799	0.284736	-3.51202	0.982951	1.03149	1.03149	0.872994	1.26127	1.26127	1.05957	35.3293	29.6382	1
cg01244616	RIMBP2	0.472878	0.463135	1.25089	1.25089	0.329664	1.51593	1.51593	0.919083	1.03092	1.03092	0.454276	0.795744	1.25669	0.237561	0.600055	-1.44927	0.444949	0.791828	1.2629	0.728129	1.11027	1.11027	0.264224	1.4174	1.4174	0.153484	0.632479	-1.58308	1.05957	1.50274	1.26487	1
cg06053596	HCN2	0.472884	0.971864	1.003945	1.10626	0.962184	1.01131	1.01131	0.91651	0.8512109	-1.21336	0.981894	1.0054	1.0054	0.134676	0.668359	-1.46286	0.768102	0.932292	-1.07263	0.955174	0.98676	-1.01342	0.0666817	1.62829	1.62829	0.53877	1.862806	-1.15901	1.05957	0.9434469	0.791492	1
cg27660248	LOC100130872;LOC100130872-SPON2	0.472884	0.71811	1.07327	1.07327	0.0857369	0.690445	-1.44834	0.136852	0.731566	-1.36693	0.689775	0.0814	1.0814	0.97249	0.9932297	-1.00675	0.889614	1.02746	1.02746	0.317098	1.2235	1.2235	0.547663	1.126	1.126	0.695338	1.07979	1.07979	1.05956	0.638408	0.535576	1
cg25273397	OTUD3	0.472886	0.751077	0.852073	-1.17361	0.437953	1.44356	1.44356	0.346089	1.56774	1.56774	0.6666	0.817821	-1.22276	0.400444	0.670747	-1.49087	0.485562	0.719782	-1.38931	0.149277	0.487962	-2.04934	0.952763	1.02787	1.02787	0.137039	2.10258	2.10258	1.05955	3.61289	3.03095	1
cg19808831	Clorf74	0.472891	0.767841	1.123153	1.123153	0.7042315	1.21455	1.21455	0.502426	1.18551	1.18551	0.499478	1.59173	1.591173	0.754228	1.23732	1.23732	0.743611	1.09014	1.09014	0.300037	0.954425	1.03034	-1.23003	0.8426265	1.53819	1.53819	0.7902018	-1.2626	0.4753772	0.7547233	0.2252229	2.11604	1
cg26721890	GFRA3	0.472894	0.739011	0.745966	-1.34054	0.5566818	0.62487	6.62487	0.07014 09	5.89817	5.89817	0.96998	0.967552	-1.03354	0.94298	0.939225	-1.06471	0.874161	1.14904	1.14904	0.901623	0.897272	-1.11449	0.679465	1.43935	1.43935	0.7257565	1.36163	1.36163	1.05954	12.8928	10.8163	1
cg01289744	CHL1	0.472904	0.620158	1.24726	1.24726	0.850852	0.920126	-1.08681	0.819212	0.9037131	-1.10655	0.466235	1.38807	1.38807	0.590428	0.7864402	-1.27162	0.47792	1.37586	1.37586	0.0987835	2.22661	2.22661	0.0616439	2.53683	2.53683	0.9926611	1.0041	1.0041	1.05952	3.28184	2.75331	1
cg07040276	SFRS5;SFRS5;LOC102895511	0.472909	0.30159	0.73012	-1.37076	0.173224	1.54355	1.54355	0.384444	1.24207	1.24207	0.861488	0.988249	-1.01199	0.543028	0.7911888	-1.26398	0.14313	1.46848	1.46848	0.0113496	3.04927	3.04927	0.0418388	3.98209	3.98209	0.0752548	1.95021	1.95021	1.00044	0.8833926	1.32304	1
cg14655559	LCN2	0.472911	0.197599	0.446031	-2.242	0.0687806	1.34497	1.34497	0.988816	1.00834	1.00834	0.433466	0.622614	-1.60613	0.357671	0.570773	-1.75201	0.534586	0.688774	-1.45185	0.977987	1.01649	1.01649	0.515542	0.676475	-1.47825	0.813031	0.868959	-1.1508	1.05951	5.89707	4.94744	1
cg03193334	CD81	0.472914	0.745016	-1.34225	0.6885024	1.44302	4.58202	4.58202	0.133564	1.56333	1.56333	0.657373	1.34537	1.34537	0.208671	0.3463445	-2.8873	0.827984	1.19016	1.19016	0.6886281	0.870751	0.877858	-1.13914	0.8838688	1.13425	1.13425	0.163949	0.7397	0.91038	1
cg26934726	ZIC3	0.472928	?	?	?	0.630297	0.691329	-1.44649	0.632426	0.692947	-1.44311	0.708429	0.751403	-1.33089	0.745903	?	?	0.0631739	1.298128	-1.04494	0.330034	0.463987	-2.15523	?	?	?	0.286958	0.429337	0.329171	0.39147	2.21059	6.97057	1
cg21772509	NKX6-3	0.472932	0.744788	1.18328	1.18328	0.213944	1.96243	1.96243	0.382484	1.58636	1.58636	0.0707927	2.82962	2.82962	0.215511	1.95745	1.95745	0.184905	2.0636	2.0636	0.498124	1.42524	1.42524	0.745795	0.845697	-1.18246	0.765972	0.857452	-1.16625	1.05947	4.4541	3.73698	1
cg25491905	THY1	0.472935	0.400953	1.23984	1.23984	0.6188503	1.28362	1.28362	0.34053	1.64126	1.64126	0.0998888	-1.66695	-1.83444	0.834836	1.10859	1.10859	0.0977243	0.8577	0.8577	0.0133309	1.74597	1.74597	0.162162	2.07025	2.07025	0.0845	1.74759	1.74759	0.162162	0.629141	0.54798	0.4324	0.43234	1
cg06434042	NEUROG3	0.472937	0.918203	0.963979	-1.03159	0.642518	0.868036	-1.15203	0.127277	0.60698	-1.6475	0.131867	0.611168	-1.63621	0.215187	0.6736997	-1.48435	0.641518	0.867662	-1.15252	0.909547	0.964869	-1.03705	0.24042	1.45079	1.45079	0.83154	1.566662	1.06662	1.05946	1.53795	1.29035	1
cg07262068	PBX1;SKAP2;SKA2	0.472981	0.767841	1.123153	1.123153	0.7042315	1.21455	1.21455	0.502426	1.18551	1.18551	0.499478	1.59173	1.591173	0.754228	1.23732	1.23732	0.743611	1.09014	1.09014	0.300037	0.954425	1.03034	-1.23003	0.8426265	1.53819	1.53819	0.7902018	-1.2626	0.4753772	0.7547233	0.2252229	2.11604	1
cg19022179	LOC653068	0.472943	0.843322	0.951443	-1.05104	0.775437	0.930584	-1.07459	0.370613	0.793534	-1.26019	0.934071	1.02103	1.02103	0.911475	0.972413	1.02837	0.832806	1.05461	1.05461	0.0455662	1.78016	1.78016	0.361994	1.26578	1.26578	0.245673	1.3572	1.3572	1.05945	1.06165	0.890736	1
cg21646598	ADAMTS5	0.472965	0.809485	0.86781	-1.15233	0.293081	0.525357	-1.90347	0.44288	1.58486	1.58486	?	?	?	?	0.6077751	0.757696	-1.35557	0.575624	0.717188	-1.39433	0.324733	1.82163	1.82163	0.0796216	0.3133353	-3.19129	0.897465	1.0786	1.0786	1.06596	5.059325	4.1529	1
cg02562740	SLC19A3	0.472967	0.29397	0.63504	-1.57459	0.2870825	2.11585	2.11585	0.502426	1.58551	1.58551	0.499478	1.59173	1.59173	0.754228	1.23732	1.23732	0.342453	1.05008	1.05008	0.336421	0.516056	1.93827	1.93827	0.0120901	0.7909687	-1.41445	0.244497	0.2423799	-2.26315	0.1094	0.747267	1
cg25129781	C11orf53	0.472975	0.622277	0.792104	-1.26246	0.8243132	1.10999	1.10999	0.0700269	0.386446	-2.58768	0.323513	0.619646	-1.61383	0.700021	1.19927	1.19927	0.267485	0.581472	-1.71977	0.199464	0.52925	-1.88946	0.429607	0.684926	-1.46001	0.531361	1.34662	1.34662	1.05939	3.69636	3.10147	1
cg07905568	ZNF764	0.472998	0.393027	0.691703	-1.44582	0.2586863	1.47658	1.47658	0.188161	0.671979	-2.68832	0.604599	1.37111	1.37111	0.392784	0.5444028	-1.83614	0.383783	0.537362	-1.86064	0.3215076	2.10492	2.10492	0.0475076	2.10492	2.10492	0.0475076	1.83088	1.83088	0.98353	1.11246	0.80999	1
cg15074869	ARHGEF11;ARHGEF11	0.472982	0.219541	0.713561	-1.40142	0.6096986	1.69938	1.69938	0.551771	1.17044	1.17044	0.880754	1.04002	1.040002	0.421505	0.806828	-1.23942	0.703497	1.10512	1.10512	0.72152	0.910688	-1.09807	0.869901	0.958057	-1.04378	0.320615	1.30768	1.30768	1.05937	1.14645	0.961955	1
cg17921193	SMAD6;SMAD6	0.472993	0.757418	1.06644	1.06644	0.0303291	1.62693	1.62693	0.602198	1.01576	1.01576	0.584359	1.11138	1.11138	0.507404	1.13719	1.13719	0.389543	1.1836	1.1836	0.204872	1.29139	1.29139	0.653363	0.9171358	-1.09035	0.522626	1.13186	1.13186	1.05935	0.6131116	0.514457	1
cg20866090	PIK3CZ;PIK3CZ;PIK3CZ	0.472997	0.309684	0.736412	-1.35784	0.72887	0.69576	-1.43645	0.0558683	0.471978	-2.11966	0.0997571	0.69599	-1.4386	0.0741911	0.644968	-1.55017	0.439157	1.2486	1.2486	0.6413996	0.729669	1.37111	0.392784	1.5440228	-1.81088	0.552155	0.7554046	0.9008866	1.06697	1.05935	1.06697	1.05935	4.5501	3.81795	1
cg19900476	DIP2C	0.473002	0.334644	1.92487	1.92487	0.299749	0.492991	-2.02844	0.681512	1.31204	1.31204	0.537363	1.50838	1.50838	0.102604	1.28763	1.28763	0.924072	1.06475	1.06475	0.0719969	3.74097	3.74097	0.129316	2.94062	2.94062	0.0771801	2.12093	2.12093	1.05934	7.26707	6.09775	1
cg05676622	RBM4	0.473009	0.519172	0.74267	-1.34593	0.7080284	0.923936	-1.08256	0.361493	1.31516	1.31516	0.389443	1.32858	1.32858	0.248359	1.13786	1.13786	0.673033	1.22824	1.22824	0.388267	0.570707	-1.75243	0.0132166	0.429707	-2.32739	0.0658157	0.744515	1.34485	1.05933	0.5404421	0.4198	1
cg03025283	RPL21;RPL21P28	0.473005	0.94604	1.0066	1.0066	0.406605	1.08603	1.08603	0.584775	0.947771	-1.05511	0.0728953	0.823256	-1.21469	0.767441	1.02925	1.02925	0.666867	0.958774	1.043	0.411268	1.08471	1.08471	0.305049	1.10877	1.10877	0.340202	0.908867	-1.10027	1.05933	0.153559	0.133048	1
cg04376119	DNMT3L;DNMT3L	0.473015	0.0947173	0.552125	-1.79729	0.3892896	0.254441	-1.3255	0.794469	0.969731	-1.03165	0.0997173	0.719062	-1.39104	0.0956437	0.6636222	-1.50702	0.0869359	0.517479	-1.93139	0.0953198	0.981483	-1.01887	0.936665	0.7178045	-1.39419	0.0798552	1.0085	1.0085	1.05933	1.71161	1.54922	1
cg10075157	DEF8	0.473021	0.618832	1.15229	1.15229	0.710932	1.65107	1.65107	0.315664	0.845232	-1.18306	0.155622	0.550944	-1.81568	0.0975122	0.5437222	-1.83894	0.220043	0.699932	-1.4287	0.0938301	0.99614	1.03688	0.471458	1.23002	1.23002	0.824477	1.0648	1.05932	1.06497	0.2644222	0.1967	1
cg10195567	TBL2	0.473026	0.356637	2.09707	2.09707	0.396956	0.50788	-1.96897	0.631385	0.68552	-1.45875	0.236786	2.63319	2.63319	0.577872	0.6446212	-1.55132	0.980161	0.980765	-1.01961	0.404509	1.94688	1.94688	0.147644	3.365	3.365	0.171326	3.31933	3.31933	1.05929	10.2356	8.58905	1
cg05409095	THY1	0.473036	0.275136	0.648804	-1.54156	0.2229954	0.656353	-1.52357	0.147193	0.5998888	-1.66695	0.173843	0.620636	-1.61125	0.384974	0.7502557	-1.33341	0.367764	0.73779	-1.3558	0.1178296	0.525047	-1.90398	0.0657915	0.7045196	-1.41964	0.0653622	1.48955	0.6435753	0.726658	-1.37616	1.05927	1.83188	1.5222	1
cg06153893	TRIM38	0.473036	0.732943	1.14916	1.14916	0.12756	1.95199	1.95199	0.514714	0.766117	-1.30528	0.202927	0.57948	-1.75693	0.625583	1.22094	1.22094	0.742077	1.84066	1.84066	0.313317	1.52705	1.52705	0.354885	0.679533	-1.47156	0.19527	2.76451	2.76451	2.31984	1
cg21095562	CHCH2	0.473044	0.292379	0.684114	-1.46027	0.181744	1.25697	1.25697	0.580042	1.09405	1.09405	0.590713	1.09124	1.09124	0.973675	1.026532	1.00532	0.742077	1.84066	1.84066	0.313317	1.52705	1.52705	0.354885	0.679533	-1.47156	0.19527	2.76451	2.76451	2.31984	1
cg22653602	MDN1	0.473064	0.6942	1.05885	1.05885	0.8622568	1.02545	1.02545	0.654371	1.31675	1.31675	0.778758	1.0416	1.0416	0.701657	0.9845818	1.05729	1.136575	0.778758

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg25230553	COPG5	0.475385	0.742845	1.11664	0.384167	1.091545	-1.94854	0.43985	1.30212	1.30212	0.350663	1.37976	1.37976	1.191263	1.58991	1.58991	0.909884	1.062768	-1.03867	0.943105	1.02421	1.02421	0.0916534	1.0533667	-1.86335	0.583971	1.2036	1.2036	1.08524	1.88214	1.58004	1
cg26597485	LDLRAD3	0.4736	0.901923	0.920849	-1.08595	0.1144545	3.15179	3.15179	0.0898715	3.49197	3.49197	0.842668	1.159991	1.159991	0.370597	0.540667	-1.84957	0.641868	1.3679	1.3679	0.331435	2.00841	2.00841	0.702118	1.29308	1.29308	0.6397722	0.729585	-1.37064	1.05821	7.49766	6.29799	1
cg02565518	FUT13	0.473603	0.988072	1.00285	1.00285	1.665531	0.754427	-1.32551	0.226298	0.785006	-1.27388	0.239575	1.26445	1.26445	0.745433	1.06404	1.06404	0.297372	0.813967	-1.22855	0.875036	0.970459	-1.03044	0.565344	1.1171	1.1171	0.223426	0.783708	-1.27509	1.082	0.6083394	0.511015	1
cg16909364	ZFC3H1;THAP2;THAP2	0.473607	0.30658	0.68811	-1.45321	0.740624	1.124461	1.124461	0.951499	0.97875	-1.02171	0.894292	1.084705	-1.04806	0.0203638	0.4070328	-2.45677	0.6203707	0.860816	-1.16169	0.611219	1.19844	1.19844	0.580128	0.4009335	-1.21812	0.6344911	1.18426	1.18426	1.0382	2.08976	1.75541	1
cg26994227	RAPGEF6;RAPGEF6	0.473607	0.800606	0.960944	-1.04064	0.372032	0.994496	-1.00553	0.836384	1.03309	1.03309	0.709638	0.942822	-1.06065	0.560045	1.09721	1.09721	0.395456	0.871971	-1.14683	0.0260242	0.659776	-1.51567	0.826003	1.03527	1.03527	0.736319	1.05464	1.05464	1.05819	0.4153312	0.348864	1
cg03163448	CYP4F3	0.473629	0.912044	0.972802	-1.02796	0.6843033	1.1074	1.1074	0.713367	1.09644	1.09644	0.647739	0.891543	-1.12165	0.609979	1.13699	1.13699	0.943911	1.01771	1.01771	0.0211945	1.99661	1.99661	0.837757	1.0525	1.0525	0.406825	1.23585	1.23585	1.05815	1.04369	0.87674	1
cg00762126	UBAS2;UBAS2	0.473635	0.341552	2.26027	2.202507	6.622889	0.664447	-1.50501	0.992357	1.00791	1.00791	0.253512	2.71459	2.71459	0.451945	1.88605	1.88605	0.459524	0.536132	-1.86521	0.0810649	0.32065	3.12065	0.913514	1.09347	1.09347	0.450825	0.529332	-1.88917	1.09441	11.1652	6.80133	1
cg21206359	MIR548F5;DCLK1	0.473638	0.274558	1.85531	1.85531	0.51627	1.43018	1.43018	0.864675	0.911437	-1.09717	0.340868	0.586494	-1.70505	0.585818	1.3486	1.3486	0.26577	1.85776	1.85776	0.0501999	3.36605	3.36605	0.883847	1.08272	1.08272	0.815311	1.13581	1.13581	1.10814	4.95302	4.16079	1
cg01263691	TMEM144;TMEM144	0.473638	0.374201	0.789713	-1.26628	0.7787014	0.929678	-1.07564	0.456328	1.21696	1.21696	0.387238	1.25783	1.25783	0.978279	0.992978	-1.00707	0.33724	0.774086	-1.29185	0.573142	0.862988	-1.15876	0.899238	1.03333	1.03333	0.0593865	1.7347	1.7347	1.05814	1.12266	0.943094	1
cg22716190	PPT1;PPT1	0.473643	0.807525	1.074097	1.074097	0.6650259	1.19519	1.19519	0.762422	0.93049	-1.09398	0.215139	1.35448	1.35448	0.2579	0.92424	-1.08191	0.243507	0.914377	1.09347	0.0110474	1.68284	1.68284	0.224936	1.45882	1.45882	0.870442	0.952791	-1.04955	1.04813	1.471	1.23573	1
cg00493184	RPS6KA2;RPS6KA2	0.473648	0.797429	0.94784	-1.05503	0.984525	0.995969	-1.00405	0.924714	0.980507	-1.01988	0.829955	0.956196	-1.04581	0.112015	0.697386	-1.43393	0.37751	1.20755	1.20755	0.0754444	1.51013	1.51013	0.609911	1.11312	1.11312	0.909957	1.02384	1.02384	1.05812	0.7269111	0.610654	1
cg18265162	C1orf133;SERTAD4	0.473653	0.181559	0.482655	-2.07187	0.37463	0.626206	-1.59692	0.123008	0.423902	-2.35904	0.513217	0.711349	-1.40578	0.177587	0.479046	-2.08748	0.583073	1.32941	1.32941	0.892366	1.07201	1.07201	0.654914	1.25995	1.25995	0.519559	1.39842	1.39842	1.05811	4.42132	3.71423	1
cg10963218	S100A13;S100A13;S100A13;S100A13;S100A1;S10	0.473659	0.717158	1.35234	1.35234	0.0998247	0.223962	-4.46505	0.0960754	0.212992	-4.69501	0.983944	1.30027	1.30027	0.451844	0.855947	-1.1683	0.467076	0.541192	-1.84777	0.791613	1.24571	1.24571	0.997258	1.00285	1.00285	0.337026	1.27331	1.27331	1.0581	1.15355	0.6908	1
cg00005437	DNG2;MYO1A	0.473661	0.82731	1.10887	1.10887	0.307042	0.657436	-1.52106	0.397575	1.56042	1.56042	0.60273	0.873399	0.873399	0.0531411	0.521408	1.19755	0.533263	1.66267	1.66267	0.605266	1.52209	1.52209	0.964752	1.04944	1.04944	0.0964889	1.04944	1.04944	1.05807	10.8785	9.1391	1
cg08939371	C1orf41	0.473677	0.980793	0.987804	-1.01235	0.3626204	1.61114	1.61114	0.403086	0.646535	-1.54671	0.923935	1.04988	1.04988	0.43013	1.50754	1.50754	0.85788	1.09567	1.09567	0.0526468	0.325338	-3.07373	0.749943	1.17701	1.17701	0.34085	0.606352	-1.64921	1.50806	4.3535	3.65741	1
cg23406451	DTNA;DTNA;DTNA;DTNA	0.473683	0.148869	0.266036	-3.75888	0.0390737	1.965293	1.965293	0.167854	0.422474	2.42174	0.678255	0.899908	-1.42876	0.109638	0.525023	-1.44398	0.57181	0.613444	-1.63014	0.220597	0.932384	-1.08857	0.71306	0.2287764	-4.37132	0.565482	0.615592	-1.61508	1.05805	1.22584	1.02985	1
cg22821677	LOC646214	0.473689	0.0719152	0.501788	-1.99287	0.365205	0.726625	-1.37623	0.578915	1.21218	1.21218	0.72125	0.884292	-1.13085	0.700334	1.14195	1.14195	0.453238	0.769315	-1.29986	0.788896	1.09649	1.09649	0.406067	0.543357	-1.84041	0.77227	0.907244	-1.10224	1.05804	1.97418	1.65856	1
cg13169667	ZC3H3	0.473689	0.153523	0.648043	-2.13455	0.750281	0.853477	1.17168	0.397256	1.57394	-1.53738	0.377777	2.202326	1.32183	0.0404593	0.70905	-1.41073	0.284002	0.778225	-1.28491	0.0429504	0.759042	1.31766	0.844444	-1.19269	0.024294	0.538677	-1.8564	0.987689	0.644477	-1.55565	1.03804	4.07261	3.46024	1
cg03535099	TBCD	0.473699	0.899169	0.93306	-1.07174	0.284652	1.83572	1.83572	0.0250029	4.29541	4.29541	0.983923	1.01107	1.01107	0.831426	0.89002	-1.12357	0.851298	1.01801	1.01801	0.375904	1.64323	1.64323	0.605792	1.32915	1.32915	0.892193	1.07693	1.07693	1.05802	1.00554	4.20536	1
cg02241545	MICAL3;MICAL3;MICAL3	0.4737	0.276423	1.41117	1.85149	0.153285	1.532285	0.161515	1.57593	0.696434	1.12668	1.12668	0.912489	-1.13085	0.700334	1.14195	1.14195	0.453238	0.769315	-1.29986	0.788896	1.09649	1.09649	0.406067	0.543357	-1.84041	0.77227	0.907244	-1.10224	1.05804	1.97418	1.65856	1
cg02501871	PRKAA1	0.473703	0.0929796	0.621221	1.609796	0.1221	0.968776	1.032251	0.853477	1.17168	0.397256	1.57394	-1.53738	0.377777	2.202326	1.32183	0.0404593	0.70905	-1.41073	0.284002	0.778225	-1.28491	0.0429504	0.759042	1.31766	0.844444	-1.19269	0.024294	0.538677	-1.8564	0.987689	0.644477	-1.55565	1.03804	4.07261	3.46024	1
cg23277061	ZNF362	0.473708	0.729196	0.862328	-1.15965	0.0894166	2.22146	2.22146	0.0869953	2.23783	2.23783	0.79818	1.11539	1.11539	0.472303	0.73229	-1.36558	0.875504	1.0691	1.0691	0.477014	1.36092	1.36092	0.678399	1.19448	1.19448	0.594008	1.795089	-1.25772	1.058	3.04371	2.55719	1
cg04830207	SERTAD4	0.473713	0.309324	0.482204	-2.07351	0.472404	0.729223	-1.37137	0.404057	1.47443	0.851503	-1.1744	0.542068	1.843955	0.0740996	1.33417	0.749507	0.828934	0.900231	-1.11083	0.599387	1.67023	1.67023	0.964589	1.65313	1.65313	0.0160634	3.0458	3.0458	1.05803	3.95287	3.32105	1
cg23484268	LOXL1	0.473719	0.432492	1.595976	-1.67792	0.250277	1.17324	1.17324	0.59804	1.40946	1.40946	0.722903	0.794512	-1.25863	0.190033	0.407894	-2.45162	0.660768	1.33019	1.33019	0.865162	1.11606	1.11606	0.1061	1.31972	1.31972	0.724358	0.574936	-1.73932	1.05798	0.9947	5.87675	1
cg21640038	PSMD12;PSMD12	0.47372	0.249162	0.841467	-1.1884	0.265683	1.18083	1.18083	0.0671704	1.34178	1.34178	0.285477	1.17231	1.17231	0.704563	0.946873	-1.05611	0.537608	1.09357	1.09357	0.813847	1.03438	1.03438	0.79402	1.03821	1.03821	0.684603	1.06027	1.06027	1.05798	0.3441078	0.28911	1
cg03809148	UCHC2;MAST1;UCHC2;MAST1	0.473739	0.4564648	1.2275	1.2275	0.2227577	1.12577	1.12577	0.5618045	1.16547	1.16547	0.2158665	1.18577	1.18577	0.2125612	0.570189	-1.75397	0.350138	1.29038	1.29038	0.146084	1.64194	1.64194	0.795367	1.91506	1.91506	0.0928764	1.24049	1.24049	1.05795	1.17742	0.9892067	1
cg19870567	SNORA74B;ATP6V0E1	0.47374	0.432019	0.557236	-1.79457	0.268899	2.32444	2.32444	0.132474	1.03206	1.32008	0.32008	0.297448	2.19827	0.219827	0.528629	-1.62781	0.56167	1.53405	1.53405	0.304562	0.460546	-2.17134	0.385415	1.91342	1.91342	0.871364	1.12544	1.12544	1.05795	8.90991	7.48614	1
cg01498829	EVL	0.473753	0.0744824	0.5	2	0.0238768	1.580588	1.580588	0.0818028	0.0347287	2.43817	0.0160588	0.2822	2.30221	0.0148305	0.2648	-3.77623	0.0439403	0.30905	-3.23573	0.0139403	0.30905	-3.23573	0.0139403	0.30905	-3.23573	0.0139403	0.30905	-3.23573	0.0139403	1.05798	0.3845	0.2887	0.4067	1.05798	0.3845	0.2887	0.4067	1.05798	0.3845	0.2887	0.4067

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cg24849565	SEC11C	0.47436	0.167918	0.757053	-1.32091	0.797973	0.952584	-1.04978	0.385972	1.18168	1.18168	0.875115	1.03023	0.111657	1.38835	1.38835	0.710574	0.931843	-1.07314	0.258544	0.799911	1.25214	0.948761	1.01225	1.01225	0.493791	1.14066	1.05678	0.600273	0.504909	1
cg15284129	LRTM2;LRTM2;LRTM2;CACNA2D4	0.47436	0.718462	1.13662	1.13662	0.32831	1.42888	1.42888	0.959904	0.982374	-1.01794	0.527396	1.25419	1.25419	0.40191	1.35452	1.35452	0.31772	1.44096	1.44096	0.914297	1.03881	1.03881	0.07773	1.39506	1.02025	0.086858	0.609637	-1.64032	1.05678	2.094	1.76133	1
cg26133595	ZNF750;ZNF449;ZNF75D	0.47436	0.301304	0.335395	-2.98156	0.93682	0.922315	-1.08423	0.812992	0.785259	-1.27347	0.22952	3.61884	3.61884	0.75653	0.728155	-1.37333	0.0406273	0.0896877	-11.1498	0.794376	0.766104	-1.30531	0.946514	1.07083	1.07083	0.949938	0.93796	-1.06614	1.05677	17.4155	14.6488	1
cg03705794	MAML2	0.47436	0.104725	0.195781	-5.03774	0.899082	0.889898	-1.12376	0.548937	1.74674	1.74674	0.570504	1.59021	-1.60431	0.0141408	0.133974	-7.46415	0.590532	0.606797	-1.648	0.798619	0.790469	-1.26507	0.967131	1.03862	1.03862	0.363072	0.421693	-2.37139	1.05676	14.1562	11.9074	1
cg08579196	SPHY3	0.47438	0.664487	1.14954	1.14954	0.982152	1.00717	1.00717	0.186194	1.5645	1.5645	0.759269	1.10314	1.10314	0.206378	1.53055	1.53055	0.484244	0.796915	-1.25484	0.706654	0.886264	-1.12833	0.33375	0.727324	-1.3749	0.15059	0.611392	-1.63561	1.05674	1.70682	1.43572	1
cg23641682	UGDH	0.47438	0.510992	0.863765	-1.15772	0.637721	0.901052	-1.10981	0.923461	1.02133	1.02133	0.476696	1.17228	1.17228	0.341792	1.2408	1.2408	0.146263	1.40792	1.40792	0.14897	0.711778	-1.40493	0.533507	0.870633	-1.14859	0.414424	0.832545	-1.20114	1.05673	0.807628	0.679353	1
cg20312205	SUTRK1;SUTRK1	0.47439	0.834981	1.14372	1.14372	0.394833	1.75244	1.75244	0.432933	0.59741	-1.67389	0.142728	0.36271	-2.75702	0.648554	1.34365	1.34365	0.801307	1.17624	1.17624	0.49922	0.601782	-1.66173	0.169152	0.389469	-2.5676	0.28403	2.04715	2.04715	1.05672	6.9354	5.83391	1
cg27516025	GASB;C16orf3;C16orf3;GASB	0.47440	0.975884	1.01167	1.01167	0.423933	1.36817	1.36817	0.057692	2.28492	2.28492	0.460138	1.33451	1.33451	0.158831	1.78254	1.78254	0.548235	1.26224	1.26224	0.114535	1.93243	1.93243	0.570593	1.24608	1.24608	0.376711	1.41646	1.41646	1.05669	2.46339	2.0739	1
cg00180948	C16orf92	0.47446	0.0612546	0.160697	-6.22287	0.614242	0.274201	-1.64695	0.341594	0.427626	-2.33849	0.582673	0.61782	-1.61792	0.581919	0.617251	-1.61941	0.182695	0.293508	-3.40706	0.593337	0.626712	-1.59563	0.842912	0.828014	-1.20771	0.982439	0.981	-1.01926	1.05667	12.5767	10.5797	1
cg26389737	KCNH2;KCNH2	0.47448	0.280783	0.439545	-2.27508	0.850707	1.14816	1.14816	0.332437	0.0816	0.0816	0.664055	1.37771	1.37771	0.252856	0.416565	-2.40058	0.487564	1.67723	1.67723	0.0790483	0.239355	-4.17789	0.726845	0.773251	-1.29324	0.793514	0.825023	-1.21209	1.05665	8.99744	7.56894	1
cg22836098	GRK5	0.47449	0.341151	0.73097	-1.36805	0.7135	1.14468	1.14468	0.856602	1.05932	1.05932	0.149797	0.6817	-1.46662	0.0773795	0.68677	-1.45576	0.272108	1.43715	1.43715	0.13149	1.60697	1.60697	0.643143	1.15953	1.15953	0.421729	0.770764	1.05664	1.29741	1.05664	1.68432	1.41491	1
cg15825536	RPUS02	0.47449	0.696685	0.83855	-1.19253	0.485188	0.72701	-1.3755	0.464108	1.39786	1.39786	0.589272	1.27761	1.27761	0.102602	0.448045	-2.23192	0.159588	0.485698	-2.05889	0.399312	1.42983	1.42983	0.129063	1.10207	1.10207	0.710378	1.18254	1.18254	1.05663	3.38126	2.84448	1
cg20446006	PYGB;PYGB	0.47444	0.536792	0.783505	-1.42186	0.495224	1.47656	1.47656	0.628315	1.31589	1.31589	0.263872	0.518621	-1.93819	0.19063	0.666475	-2.14374	0.529505	0.69876	-1.43111	0.108038	2.68244	2.68244	0.618766	1.32615	1.32615	0.00913	0.0195772	-1.00864	1.05663	5.29912	4.45806	1
cg24087944	GABRD	0.47452	0.480193	1.35389	1.35389	0.362522	1.48455	1.48455	0.793984	0.895398	-1.11682	0.665048	0.832017	-1.2019	0.765401	1.13462	1.13462	0.132198	1.98564	1.98564	0.287939	1.59325	1.59325	0.119157	2.04212	2.04212	0.37164	0.678911	-1.47295	1.05661	2.98261	2.50918	1
cg09989886	C1orf105;PIGC;PIGC	0.47457	0.604247	0.919043	-1.08809	0.712785	0.722334	-1.3844	0.26629	0.832693	-1.20564	0.757344	1.05131	1.05131	0.263523	1.16308	1.16308	0.639998	1.07902	1.07902	0.425948	0.87699	-1.14026	0.915225	1.01734	1.01734	0.41584	1.14371	1.14371	1.05659	0.436229	0.366989	1
cg03435979	GRHL1	0.47458	0.249663	1.45738	1.45738	0.19788	0.603075	-1.51002	0.360951	1.25955	1.25955	0.179932	1.39666	1.39666	0.569259	1.19731	1.19731	0.739672	0.903868	-1.11004	0.32609	1.37039	1.37039	0.339872	0.734959	-1.36062	0.402776	0.772994	-1.29367	0.355707	0.742737	-1.34637	0.16059	0.443003	1.43972	1
cg03450180	C1orf74 ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;AT XN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN	0.47464	0.196318	0.338068	-2.95799	0.0923009	0.229761	-4.35235	0.34901	0.465202	-2.1496	0.746786	0.773248	-1.29325	0.119041	0.2610769	-3.83025	0.271353	0.402945	-2.48173	0.251252	0.386159	-2.5896	0.196624	0.338347	-2.95555	0.61854	0.671358	-1.48952	0.16558	10.5437	8.87029	1
cg00355673	3;ATN3;ATXN3;ATXN3;ATX	0.47471	0.418855	0.879144	-1.13747	0.571814	0.914763	-1.09318	0.958749	0.991967	-1.0081	0.0381059	1.45475	1.45475	0.32046	1.1736	1.1736	0.799049	0.961002	-1.04058	0.790501	0.959332	-1.04239	0.734342	0.948272	-1.05455	0.942642	0.988842	-1.01128	1.05657	0.406882	0.342308	1
cg06602871	BEAN	0.47473	0.49081	1.30905	1.30905	0.153073	0.758057	-1.1812	0.486734	1.35199	1.35199	0.22899	0.911821	-1.47605	0.0941103	0.684108	-2.92267	0.464339	0.727734	-1.37413	0.874441	1.06883	1.06883	0.590006	1.2613	1.2613	0.474796	0.733322	-1.36366	1.05657	3.00749	2.56386	1
cg16560453	ZBTB11;LOC100009676	0.47477	0.386697	0.876372	-1.14107	0.247882	1.19681	1.19681	0.225948	1.20871	1.20871	0.60315	0.924962	-1.08113	0.554541	1.09297	1.09297	0.261448	1.19025	1.19025	0.74293	0.923253	-1.05016	0.223483	1.20951	1.20951	0.191439	1.22837	1.22837	1.05656	0.370111	0.311377	1
cg05573837	ZBTB47	0.47485	0.403247	1.15353	1.15353	0.212976	1.47656	1.47656	0.628315	1.31589	1.31589	0.263872	0.56519	?	?	?	?	0.152995	0.69876	-1.43111	0.108038	2.68244	2.68244	0.618766	1.32615	1.32615	0.00913	0.0195772	-1.00864	1.05653	5.29912	4.45806	1
cg11576101	RNF216;RNF216	0.47497	0.733519	1.06153	1.06153	0.128367	1.33267	1.33267	0.118379	1.34477	1.34477	0.761569	1.05461	1.05461	0.453898	1.14259	1.14259	0.359425	1.848196	-1.17897	0.390736	0.857564	-1.16609	0.52582	1.11887	1.11887	0.424285	1.15325	1.15325	1.05652	0.510843	0.42979	1
cg02105261	DPH1;OVCA2 TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;	0.47499	0.381058	1.21768	1.76824	0.000237	0.936278	-1.06693	0.730319	1.07873	1.07873	0.370936	0.817592	-1.2231	0.0105106	0.583849	-1.71727	0.941356	0.984002	-1.01626	0.915008	1.02368	1.02368	0.607041	1.0081	1.0081	0.578149	1.13104	1.13104	1.05652	0.804045	0.676474	1
cg27166661	TCF7L2	0.4745	0.664895	0.835822	-1.19643	0.495786	1.32923	1.32923	0.131362	1.95477	1.95477	0.817505	1.09979	1.09979	0.237236	1.66452	1.66452	0.907941	1.04875	1.04875	0.263805	0.619197	-1.61499	0.251384	0.610718	-1.63742	0.482671	1.34125	1.34125	1.05651	2.83343	2.38388	1
cg06398897	ANGPT4	0.47503	0.133974	1.55795	1.55795	0.073336	1.19817	1.19817	0.31167	1.34074	1.34074	0.111785	1.62434	1.62434	0.890861	1.08224	1.08224	0.0982	1.60501	1.60501	0.0900349	1.02852	1.02852	0.114381	1.63772	1.63772	0.417532	1.26121	1.26121	1.05651	1.51389	1.10459	1
cg18107893	ANKRD27;RGS9BP;RGS9BP	0.47503	0.552146	1.19554	1.19554	0.506759	0.516243	-1.93707	0.920243	0.9707	-1.03018	0.274756	1.40132	1.40132	0.197589	1.00901	1.00901	0.78291	1.08547	1.08547	0.183745	1.07825	1.07825	0.198254	0.948604	-1.05418	0.218425	1.40446	1.40446	1.05651	1.47526	1.24121	1
cg23177739	HK1;HK1;HK1;HK1;HK1	0.47509	0.759208	1.1281	1.1281	0.124024	1.92137	1.92137	0.0931918	2.06277	2.06277	0.546832	0.787373	-1.27005	0.677762	0.848889	-1.17801	0.818079	1.09454	1.09454	0.382614	1.42055	1.42055	0.456353	0.742731	-1.34638	0.661706	0.841454	-1.18842	1.0565	2.57202	2.16398	1
cg05788598	UN28	0.47512	0.667527	1.13485	1.13485	0.37397	1.43212	1.43212	0.185042	1.54685	1.54685	0.688723	1.36948	1.36948	0.0423255	1.74042	1.74042	0.414043	1.04154	1.04154	0.962	0.687683	1.04154	1.04154	0.962	0.687683	0.250587	1.42552	1.42552	1.05649	18.9337	15.9182	1
cg18244029	3	0.47453	0.0883067	0.144348	-3.17815	0.646361	0.752726	-1.3285	0.858265	1.16618	1.16618	0.203518	2.28242	2.28242	0.542107	0.684248	-1.46146	0.239306	0.468755	-2.13331	0.247024	0.475094	-2.10485	0.774114	0.83784	-1.19355	0.672352	0.769854	-1.29895	1.05645	0.32546	5.32218	1
cg27413290	ZC3H3	0.47454	0.407552	0.715065	-1.39847	0.847569	1.07889	1.07889	0.954661	0.977819	-1.02268	0.804135	1.10303	1.10303	0.226742	0.603831	-1.65609	0.224766	0.602383	-1.66007	0.0927769	2.09727	2.09727	0.892744	0.948166	-1.05467	0.554843	1.26625	1.26625	1.0717	2.58613	1.87686	1
cg21273905	FHOD3	0.47459	0.950066	0.991562	-1.00851	0.66213	1.0613	1.0613	0.463598	1.1062	1.1062	0.209426	1.19601	1.19601	0.155903	1.22802	1.22802	0.530375	1.0898	1.0898	0.0488603	1.35572	1.35572	0.985467	0.997539	-1.00247	0.739636	0.955878	-1.04616	1.05642	0.306273	0.257703	1
cg11493739	CYFIP1	0.47462	0.996991	1.00309	-1.00309	0.954842	1.0.556817	1.0.556817	0.747556	1.47656	1.47656	0.628315	1.31589	1.31589	0.263872	0.516521	-1.93819	0.196063	0.675485	-1.47995	0.119133	1.55182	1.55182	0.348279	0.54307	0.843311	0.95423	0.952973	0.662608	0.59413	-1.68313	1.05642	2.51314	1.95798	1
cg26767784	WDR90	0.47453	0.829191	1.10125	1.10125	0.138769	0.49097	-2.01678	0.140912	0.493141	-2.02782	0.673401	1.20833	1.20833	0.118292	0.469057	-2.13194	0.766192	1.14239	1.14239	0.939382	0.966401	-1.03477	0.600396	1.26611	1.26611	0.492855	0.732783	-1.36466	1.05641	3.33415	2.80542	1
cg06638332	CACNA1H;CACNA1H	0.47457	0.50956	1.47765	1.47765	0.102979	0.818097	-1.22255	0.121965	0.668706	-1.4954	0.882653	0.6744	-1.48265	0.0198614	0.627609	-1.59321	0.415588	0.627609	-1.59321	0.0198614	0.627609	-1.59321	0.0198614	0.627609	-1.59321	0.0198614	0.627609	-1.59321	1.05641	0.114258	0.884936	0.707851	0.564062	1.77455	1
cg14830722	TOR1AIP2;TOR1AIP2	0.47474	0.925106	1.0188	1.0188	0.046509	0.636634	-1.57076	0.284981	0.802556	-1.24602	0.980314	0.995125	-1.0049	0.636174	0.10943	0.09443	0.924773	1.0188	1.0188	0.261945	0.793204	-1.26071	0.66233	0.916651	-1.09093	0.474299	0.11502	-4.15502	1.05637	0.656255	0.552208	1
cg18018603	BTBD16	0.47478	0.842399	0.816948	-1.22407	0.588577	0.574281	-1.74131	0.550478	1.84689	1.84689	0.854744	0.830174	-1.20457	0.982472	0.02256	1.02256	0.0192235	0.0886456	-11.2809	0.200885	0.260443	-3.83962	0.402308	0.418731	-2.38817	0.321223	0.353153	-2.83164	1.05637	17.2574	14.5214	1
cg22335847	MEGF6	0.47482	0.372626	0.894994	-1.11725	0.354441	0.730256	-1.37005	0.212955	1.36446	1.36446	0.552662	1.18393	-1.83663	0.0122592	0.544844	-1.83609	0.0703048	0.112292	-8.90449	0.0124891	0.382891	1.28051	0.942204	0.966494	-1.03473	0.868389	1.23121	1.23121	1.05636	0.798561	0.634884	1
cg16280618	LOC285810;LOC285830	0.47484	0.0864148	2.73909	2.73909	0.593186	1.33413	1.33413	0.332118	1.70237	1.70237	0.125664	2.41473	2.41473	0.408542	1.5678	1.5678	0.447811	1.50913	1.50913	0.0985403	2.62139	2.62139	0.976159	0.984229	-1.01602	0.801607	1.14331	1.14331	1.05636	0.473432	0.38377	1
cg25382821	UBE2E2	0.47491	0.2311146	1.73581	1.73581	0.137483	0.47788	-2.0993	0.953021	1.04242	1.04242	0.464093	1.32932	1.32932	0.222567	0.75194	0.75194	0.0899744	1.16564	1.16564	0.0128	0.859267	1.16564	1.16564	0.0128	0.859267	0.0128	0.859267	1.16564	1.16564	1.05637	0.796212	0.630357	1
cg19223782	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R	0.47495	0.49723	0.718262	-1.39225	0.708911	1.19728	1.19728	0.499947	1.38926	1.38926	0.489258	1.40112	1.40112	0.869332	1.08226	1.08226	0.52768	1.35965	1.35965	0.0238601	3.64938	3.64938	0.85281	1.09327	1.09327	0.609968	1.2802	1.2802	1.05632	3.85672	3.24542	1
cg05118879	RFX3;RFX3	0.47429	0.680065	1.04695	1.04695	0.861618	0.810737	-1.23344	0.585487	0.948078	-1.06284	0.690473	0.956674	-1.04529	0.740149	1.03752	1.03752	0.680357	0.955194	-1.04691	0.999128	1.00012	1.00012	0.107039	0.902535	-1.10798	0.120427	1.2049	1.2049	1.05631	0.204858	0.172389	1
cg24973791	STAG1	0.47412	0.938847	1.06384	1.06384	0.9628	1.03834	1.03834	0.644233	0.687237	-1.4551	0.66495	5.32107	5.32107	0.140446	3.59346	3.59346	?	?	?	0.355638	2.15201	2.15201	0.42615	1.92599	1.92599	0.992565	0.992512	-1.00754	1.04755	9.5947	9.15915	1
cg24128844	LOC390858	0.47416	0.315309	1.45753	1.45753	0.460061	0.521539	-1.60891	0.313003	1.8802	1.8802	0.84522	0.883753	-1.13156	0.0141408	0.532183	-2.24557	0.155083	0.38211	-2.61705	0.293089	0.501778	-1.99291	0.446009	0.615194	-1.62535	0.508805	1.54041	1.54041	1.0563	0.68774	0.62783	1
ch.4.13571318	YTHDC1;YTHDC1	0.47418	0.170548	0.464249	-2.15401	0.0918482	0.376898	-2.65324	0.766527	1.16947	1.16947	0.346277	0.600524	-1.66521	0.365804	0.613528	-1.62992	0.381549	1.60299	1.60299	0.324122	0.585433	-1.70814	0.388306	0.628214	-1.59181	0.802792	0.876723	-1.14061	1.05629	4.6246	3.89168	1
cg12402152	UNC119B	0.47428	0.854993	0.967196	-1.03392	0.289842	1.21683	1.21683	0.984634	1.00352	1.00352	0.974947	1.00574	1.00574	0.885631	0.974112	-1.02658	0.0860799	1.41291	1.41291	0.484156	0.878467	-1.13835	0.889463	1.4067	1.4067	0.596134	1.02039	1.02039	1.05627	0.555639	0.467588	1
cg20455346	HLX	0.47454	0.257456	1.79787	1.79787	0.228839	0.956632	-1.04533	0.531466	1.36975	1.36975	0.428937	1.49305	1.49305	0.288774	0.670458	-1.49181	0.607231	1.29351	1.29351	0.113479	2.3511	2.3511	0.838154	1.16864	1.16864	0.268023	1.29217	1.29217	0.836538	1.060535	0.870999	1.05626	4.12166	3.48554	1
cg21672057	KIAA2022	0.47458	0.182561	0.19969	-5.00775	0.914806	0.885263	-1.12951	0.47928	0.435537	-2.29602	0.152241	5.7349	5.7349	0.373127	2.8328	2.8328	0.175012	0.193446	-5.16932	0.604438	0.554515	-1.81333	0.908546	1.11982	1.11982	0.82222	1.29214	1.29214	1.05624	21.6968	18.2593	1
cg00226754	TMED2	0.47465	0.580383	1.56728	1.56728	0.16733	1.3018	1.3018	0.78364	1.44737	1.2018	0.73253	1.2018	1.2018	0.918384	1.07393	1.07393	0.0852	2.11165	2.11165	0.0126	2.11165	2.11165	0.0126	2.11165	2.11165	0.0126	2.11165	2.11165	1.05624	0.210227	0.178693	1
cg05368555	SUOX;SUOX;SUOX	0.47466	0.364434	0.769492	-1.29956	0.419432	1.26104	1.26104	0.996271	1.00031	1.00031	0.906772	1.03349	1.03349	0.776781	0.923194	-1.0832	0.25322	0.714981	-1.39864	0.0634124	0.556061	-1.79836	0.983305	0.994135	-1.0059	0.336606	1.32121	1.32121	1.05621	1.32228	1.11281	1
cg10994681	ELP4	0.47467	0.950265	1.07071	1.07071	0.110533	0.5691	-1.75716	0.169966	0.622637	-1.60612	0.257105	0.68154	-1.46727	0.789911	0.91308	-1.09042	0.588261	1.19385	1.19385	0.213179	1.50221	1.50221	0.557655	0.980981	-1.01939	0.809787	0.904808	-1.08131	1.05622	1.75779	1.47934	1
cg19338386	USP3	0.47469	0.164253	0.351659	-2.84366	0.624217	1.41579	1.41579	0.424607	1.77574	1.77574	0.445627	0.57839	-1.72894	0.313119	0.479648	2.0486	0.461198	0.589625	-1.69599	0.111357	0.294859	-3.39146	0.659811	1.36606	1.36606	0.3762	0.527555	1.89554	1.0562	0.29513	0.68114	1
cg03121003	EPHA3;EPHA3	0.47472	0.252262	0.553559	-1.80649	0.905208	0.942791	-1.06068	0.321827	0.602836	-1.65883	0.995569	0.997258	-1.00275	0.465266	1.44409	1.44409	0.120374	2.30043	2.30043	0.167177	0.482792	-2.07129	0.894127	1.06806	1.06806	0.743786	0.850287	-1.17607	1.05619	4.09042	3.44249	1
cg26748472	BCOR;BCOR	0.47473	0.992652	1.00731	1.00731	0.975398	0.979286	-1.02126	0.910879	0.954861	-1.1604	0.586776	1.26584	1.26584	0.0455307	1.8602	1.8602	0.0429	0.829205	1.20571	0.0455172	2.16454	2.16454	0.377626	1.00717	1.00717	0.934423	0.916735	-1.09083	1.05619	1.09038	0.917666	1
cg00789390	SON;GART;SON;GART;GART;GART	0.47478	0.412639	0.748165	-1.3366	0.925819	0.968258	-1.03278	0.965434	1.01512	1.01512	0.339138	1.40673	1.40673	0.488637	0.783744	-1.27593	0.886163	1.05087	1.05087	0.133774	0.574328	-1.74116	0.100748	1.86388	1.86388	0.80994	0.91993	-1.08704	1.05618	2.00693	1.68905	1
cg22496859	BRF1;BRF1	0.47483	0.157707	1.52792	1.52792	0.429483	0.859392	-1.16361	0.81821	1.11821	1.11821	0.147306	0.26262	-3.80762	0.162262	0.262621	-3.80762	0.536723	1.12472	1.12472	0.362871	1.19314	1.19314	0.399759	1.17581	1.17581	0.781287	1.05368	1.05368	1.05617	0.598475	0.498053	1
cg23704770	LMO3;LMO3	0.47489	0.607712	0.650407	-1.5375	?	?	0.857497	1.16057	1.16057	?	?	?	?	?	?	?	?	?	?	0.100003	4.68234	4.68234	0.350382	2.23534	2.23534	0.750702	1.30251	1.30251	1.0337	5.94133	6.89719	1
cg27381930	TDRD12	0.47469	0.403076	0.751444	-1.33077	0.132796	0.581796	-1.71882	0.359854	0.730235	-1.36942	0.365233	1.36437	1.36437	0.404874	0.752303	-1.32925	0.908269	0.962238	-1.03924	0.260555	0.675778	-1.47978	0.352921	0.726719	-1.37605	0.121111	0.570452	-1.753	1.05616	1.86555	1.57009	1
cg13656912	CHRDL2	0.47497	0.698022	1.43224	1.43224	0.67093	-1.6184	1.64064	0.0501564	1.20391	1.20391	0.499254	1.04826	0.95812	0.940394	1.06357	1.06357	0.880502	1.13564	1.13564	0.408348	1.08537	1.08537	-1.07696	0.322453	0.996685	-1.00333	0.655348	2.1991	2.1991	1.0564	1.99742	0.6811	1
cg12910936	21;SNORD115-15;SNORD115-SNORD115-35;SNORD115-32	0.4747	0.0936114	0.138889	-7.19997	0.328156	0.339408	-2.9463	0.401529	0.398833	-2.50733	0.772255	0.732945	-1.36436	0.106078	0.15113	6.61684	0.874698	1.18406	1.18406	0.371599	0.374512	-2.67014	0.503818	0.483712	-2.06735	0.128145	0.171905	-5.81717	1.05614	19.1712	16.1352	1
cg19681188	LOC148709	0.47407	0.334379	1.31832	1.31832	?	?	?	0.868808	0.827764	-1.20807	0.232242	0.228933	-4.36808	0.858979	1.22552	1.22552	0.269192	1.35786	1.35786	0.309354	0.29845	-3.35065	0.863983	0.78316	1.37836	0.485946	0.444218	-2.25115	1.06243	19.1401	15.7634	1
cg00804392	RHOH;RHOH	0.47417	0.356403	1.71394	1.71394	0.118275	2.62033	2.62033	0.264035	1.93728	1.93728	0.465979	1.52411	1.52411	0.291662	0.537348	-1.86169	0.951442	0.966	-1.0352	0.288885	0.535079	-1.86888	0.72656	0.819192	-1.22071	0.748963	1.20005	1.20005	1.05611	5.39643	4.54199	1
cg13365436	AP2A2	0.47472	0.986483	1.01369	1.01369	0.857455	1.22459	1.22459	0.0760359	1.45795	1.45795	0.152534	1.66356	1.66356	0.0124107	2.01071	2.01071	0.694502	1.07553	1.07553	0.388504	0.648357	-1.54236	0.364606	0.78217	1.28177	0.1561	0.794201	0.780171	-1.28177	1.0561	0.93458	0.83663	1
cg07862274	UBA1;UBA1;UBA1	0.47472	0.460849	1.15805	1.15805	0.97299	1.00664	1.00664	0.307799	0.813565	-1.22916	0.610307	0.904424	-1.10568	0.481988	1.1499	1.1499	0.974708	1.00622	1.00622	0.0814645	0.688354	-1.45274	0.756223	0.940951	-1.06276	0.129884	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105 vs. N)	Fold-Change(1 vs.105 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs.1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1 vs.3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs.5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs.5637 vs. N)	F(Error)
cg00142414	PFKP	0.47514	0.656311	1.00798	1.09796	1.227863	0.3234	1.302334	0.885962	0.9704496	1.03004	0.4606036	0.857498	1.158618	0.2545154	1.28211	1.28211	0.669302	0.914237	-1.09381	0.201093	1.32466	1.32466	0.7068222	1.06403	0.0849645	1.48813	1.48813	0.105531	0.727949	0.613151	
cg00621027	KIAA0182;KIAA0182-TBX4AS1;TBX4AS1;TBX4S1;TBX4S1	0.475144	0.406148	0.870484	-1.14879	0.624905	0.108355	1.083555	0.631404	0.924305	-1.08189	0.53741	0.903243	-1.10712	0.969604	1.00622	1.00622	0.639894	0.926147	-1.07694	1.03764	1.340196	1.340196	1.30191	1.30191	0.853107	1.03061	1.03061	0.08700316	1.36641	1.36641	1.07051	0.439072	0.319008	
cg24602860	LTBX4S1	0.475152	0.900563	0.950779	-1.05177	0.231669	0.602586	-1.65951	0.40259	0.707606	-1.41322	0.0881412	0.467757	-2.13786	0.189317	0.570396	-1.75317	0.999829	0.999914	-1.00009	0.514419	1.30597	1.30597	0.202569	0.580892	-1.72149	0.395706	0.703844	-1.42077	1.05529	2.72479	2.29514	
cg18861112	WDFY2	0.475159	0.234296	0.362586	-2.75797	0.955726	1.04621	1.04621	0.989366	0.989215	-1.0109	0.105156	0.42365	0.148211	0.283073	-3.53266	0.54924	0.610738	-1.63736	0.346015	0.459599	-2.20265	0.730131	0.754616	-1.32518	0.856234	0.862807	-1.15901	1.05528	1.10657	0.93095	1
cg27449651	SYNGAP1	0.47517	0.30437	1.68163	1.683163	0.553214	1.13855	1.13855	0.13085	0.257002	1.78259	1.78259	0.249167	0.555133	-1.80187	0.1159	2.30483	2.30483	0.304877	1.68065	1.68065	0.56299	0.751453	-1.33076	0.863905	1.08744	1.08744	0.485914	1.41337	1.41337	1.05025	1.39046	0.336135	
cg20684528	GRIN2B	0.475171	0.90092	1.02527	1.02527	0.969814	0.992448	-1.00761	0.135072	0.724167	-1.3809	0.569262	1.12214	1.12214	0.318227	1.22958	1.22958	0.563312	0.889536	-1.12418	0.378305	0.834359	-1.19852	0.09357	0.691104	-1.44696	0.627005	0.906552	-1.10308	0.55525	0.670775	0.565025	1
cg01208537	CDC42BPG	0.475181	0.107705	0.259609	-3.85195	0.676057	0.724091	1.38145	0.904682	1.096545	1.09615	0.621761	0.682466	-1.44628	0.037427	0.214827	-1.45502	0.328905	0.461106	2.1681	0.305012	0.40966	-2.44105	0.191087	0.34527	-2.89528	0.441657	0.547313	-1.82711	0.10524	0.863722	0.80881	1
cg02635623	BCKDK;BCKDK	0.475182	0.252892	0.673873	-1.48396	0.520598	1.3992	1.3992	0.127896	1.71761	1.71761	0.792979	0.916777	1.09083	0.497414	0.79624	-1.2559	0.95485	1.01889	1.01889	0.871867	1.03364	1.03364	0.631052	-1.58465	1.01631	1.02755	1.02755	1.82579	1.53798	1.07016	1.07016	0.5523	1
cg05375067	CCDC130	0.475187	0.780027	1.07241	1.07241	0.304774	0.766944	-1.30388	0.44485	0.823276	-1.21466	0.546313	1.16467	1.16467	0.839915	0.950755	-1.0518	0.581425	1.14915	1.14915	0.116399	1.53108	1.53108	0.160124	0.687499	-1.45455	0.539872	0.856457	-1.1676	1.05522	1.0418	0.877581	1
cg21385909	KLF13	0.475218	0.546084	1.07355	1.07355	0.5107	1.868819	1.87099	0.585077	0.833926	1.20326	1.20326	0.759411	0.882905	-1.10266	0.113522	0.79181	-1.25795	0.26962	0.693853	-1.44123	0.185136	0.557962	-1.79224	0.160566	0.626862	-1.61138	0.672875	0.873623	-1.14466	1.05517	1.69154	1.42498	1
cg00243272	PLXNB2	0.475221	0.165828	0.349116	-2.2773	0.823543	1.13244	-1.13244	0.561785	0.72131	-1.38637	0.362086	0.592292	-1.68836	0.0983655	0.364406	-2.74419	0.103107	0.370488	-2.69914	0.239182	0.503637	-1.98662	0.486339	0.674419	-1.48276	0.385877	0.609549	-1.64056	0.55156	0.58254	0.436588	1
cg02750794	TMEM91;B9D2;TMEM91;B9D2	0.475224	0.540767	0.937804	-1.07734	0.292977	1.141	1.141	0.162952	1.15532	1.15532	0.790044	0.968249	-1.03279	0.375106	1.11636	1.11636	0.878675	0.8817	-1.01864	0.773408	0.960767	-1.03552	0.611536	1.06389	1.06389	0.0510613	1.30822	1.30822	1.05515	0.244315	0.209817	1
cg19341344	UBE2L6;UBE2L6;UBE2L6	0.475234	0.142121	0.658027	-1.51969	0.502458	1.19781	-1.19781	0.303811	0.53635	-1.8635	0.5569	0.854227	-1.17055	0.341332	0.771038	-1.29695	0.519355	0.840955	-1.18912	0.26837	1.3576	1.3576	0.606857	1.14757	1.14757	0.443712	1.23009	1.23009	1.03514	1.17519	0.990027	1
cg11442828	MYOM2	0.475236	0.399049	0.313195	-3.1929	0.971153	0.952539	-1.04983	0.869949	0.802256	-1.24649	0.668141	0.559948	-1.78588	0.097452	0.11535	11.535	0.446694	0.352426	-2.83748	0.378815	1.36727	1.36727	0.529034	2.35731	2.35731	0.188271	0.153411	-6.51843	0.15513	0.30149	0.25454	1
cg14041007	DYNC2LI1;DYNC2LI1;DYNC2LI1	0.475238	0.409643	0.43632	0.11874	1.21495	0.35607	-2.80844	0.177462	0.425186	-2.35191	0.520663	0.678073	-1.47737	0.133106	0.380492	-2.62817	0.415568	0.608637	-1.64302	0.405095	0.604384	1.65458	0.361145	1.75051	1.75051	0.694185	0.799947	-1.26591	1.05511	5.94969	5.03238	1
cg03258927	OLFML3	0.475239	0.419283	1.38783	1.38783	0.153185	0.544722	-1.8358	0.166205	0.556361	-1.79739	0.982217	1.00889	1.00889	0.418197	1.38894	1.38894	0.924558	0.963083	-1.03833	0.279211	1.56331	1.56331	0.366695	1.44527	1.44527	0.88295	0.943169	-1.06026	1.05513	2.63576	2.22049	1
cg12047238	MTSS1	0.475241	0.29239	1.66889	1.66889	0.0787431	2.49272	2.49272	0.164452	1.33129	1.33129	0.219113	0.882966	-1.13329	0.254535	1.84528	1.84528	0.370458	1.5391	1.5391	0.409796	0.672941	-1.48603	0.404622	1.49153	1.49153	0.573473	1.30656	1.30656	1.05512	3.67331	3.00458	1
cg16243986	ATP1D	0.475248	0.580904	0.761972	-1.31214	0.125805	0.35607	-2.80844	0.177462	0.425186	-2.35191	0.520663	0.678073	-1.47737	0.133106	0.380492	-2.62817	0.415568	0.608637	-1.64302	0.405095	0.604384	1.65458	0.361145	1.75051	1.75051	0.694185	0.799947	-1.26591	1.05511	5.94969	5.03238	1
cg27022663	SALL1;SALL1	0.475261	0.592704	0.81841	-1.22188	0.177298	0.587337	-1.7026	0.0804533	0.486945	-2.05362	0.554767	1.24822	1.24822	0.20235	0.619838	-1.61332	0.234416	0.628971	-1.5899	0.272729	0.656645	-1.52755	0.004027	0.95622	-1.04578	0.635446	0.837581	-1.19392	1.05509	2.3016	1.93905	1
cg13316206	FRAT1;FRAT1	0.475261	0.269637	0.864663	-1.15689	0.477297	0.959307	-1.04204	0.723793	0.878997	-1.13766	0.0372695	0.240793	1.40729	0.552729	0.809382	-1.24596	0.959909	0.981894	-1.01854	0.908713	1.04257	1.04257	0.761557	0.997701	-1.14194	0.780508	0.903445	-1.10687	1.05508	2.2079	1.86003	1
cg04117356	SPNS2	0.475282	0.53507	0.75581	-1.35905	0.333882	1.62704	1.62704	0.0563244	0.58285	0.72131	-1.38637	0.362086	0.592292	-1.68836	0.0983655	0.364406	-2.74419	0.103107	0.370488	-2.69914	0.239182	0.503637	-1.98662	0.486339	0.674419	-1.48276	0.385877	0.609549	-1.64056	0.55156	0.58254	0.436588	1
cg10594818	ACAD11;UBAS;ACAD11;UBAS	0.475285	0.530504	0.878041	1.138709	0.72928	0.882028	-1.1351	0.409426	0.731514	-1.3314	0.835021	1.23864	1.23864	0.148173	1.41302	1.41302	0.721227	0.94708	-1.05572	0.619113	1.41302	1.41302	0.222237	0.222237	-4.49955	0.031507	-2.31746	0.594531	1.5875	1.5875	1.06203	4.24015	3.84837	1
cg24937675	SGK1	0.475313	0.433415	0.620775	-1.61089	0.230513	2.11758	2.11758	0.300364	1.89667	1.89667	0.87133	1.10151	1.10151	0.441977	0.6264098	-1.59618	0.355706	0.567428	-1.76234	0.44272	0.626993	-1.59491	0.2014	0.447216	-2.23606	0.391336	1.6885	1.6885	1.05499	5.94411	5.00826	1
cg14488715	NOTCH1	0.475325	0.798397	1.23803	1.23803	0.180571	0.40424	-2.47378	0.13059	0.353441	-2.82933	0.732779	1.24399	1.24399	0.481701	0.634092	-1.57706	0.675618	1.30747	1.30747	0.962237	0.970289	-1.03062	0.499917	1.54688	1.54688	0.185313	2.44688	2.44688	1.05497	6.78051	5.7131	1
cg26694386	PPP2E1	0.475334	0.125826	0.376487	-2.65712	0.873907	1.08071	1.08071	0.604928	0.82705	-1.2114	0.85021	1.33106	1.33106	0.067183	2.508229	-1.49053	0.507936	0.621881	1.60911	0.354105	1.60911	1.60911	0.621881	1.34007	1.34007	0.523725	0.683127	-1.46386	1.05495	5.81103	4.89633	1
cg01506070	TRIM36	0.475342	0.838818	1.03773	1.03773	0.615628	0.920664	-1.08617	0.552985	0.896593	-1.11533	0.237401	1.25246	1.25246	0.206112	1.27449	1.27449	0.366499	1.18379	1.18379	0.17785	1.29745	1.29745	0.338063	0.835599	-1.19675	0.473168	0.875739	-1.14189	1.05493	0.552613	0.465633	1
cg10341310	MTFR1;MTFR1;MTFR1	0.475356	0.200986	0.54563	1.83267	0.02479	2.03875	2.03875	0.384564	1.33129	1.33129	0.219113	0.882966	-1.13329	0.254535	1.84528	1.84528	0.370458	1.5391	1.5391	0.409796	0.672941	-1.48603	0.404622	1.49153	1.49153	0.573473	1.30656	1.30656	1.05512	3.67331	3.00458	1
cg16144314	ADARB2	0.475357	0.803451	0.911609	-1.09696	0.118434	0.533095	-1.87584	0.515178	0.72749	-1.37449	0.921955	0.964287	-1.03704	0.724725	0.877033	-1.14021	0.406967	1.3699	1.3699	0.352774	0.923904	-1.08217	0.868006	0.979287	-1.02139	0.612469	0.756429	-1.32178	1.05492	0.546167	0.509854	1
cg12847800	FAM45B;FAM45A	0.475358	0.281226	0.572655	-1.74625	0.398106	0.650085	-1.53826	0.180027	0.20138	0.20138	0.532203	1.37017	1.37017	0.474254	1.43655	1.43655	0.576967	0.755401	-1.3238	0.324902	1.65866	1.65866	0.219646	1.9012	1.9012	0.419581	1.50757	1.50757	1.0549	4.13951	3.48807	1
cg00459159	ADAM11	0.475359	0.426034	0.73641	-1.35765	0.49074	0.49074	0.49074	0.188776	0.24784	0.24784	0.604887	1.65575	1.65575	0.0972348	1.83174	1.83174	0.987092	1.01093	1.01093	0.932153	1.96	1.96	0.551935	0.667488	-1.49835	0.942843	0.952978	-1.04934	0.57584	1.53757	0.35172	1
cg01246909	UBE3C	0.4754	0.869695	0.890379	-1.12236	0.190075	0.376904	-2.65319	0.560347	1.51288	1.51288	0.200106	2.58996	2.58996	0.602634	0.691214	-1.44673	0.37211	0.525034	-1.90464	0.647532	0.738257	-1.35421	0.435413	0.571491	-1.74981	0.184702	0.208894	2.68894	1.05482	8.25868	6.5595	1
cg31641081	DNAJC15	0.475403	0.188293	1.31273	1.31273	0.305951	1.0656	1.0656	0.125532	0.837683	1.82088	1.82088	0.124828	0.681376	1.1949	0.3349	0.516797	0.812221	0.881484	-1.13437	0.211401	1.2211	1.2211	1.2211	1.2211	1.36734	1.36734	0.804516	0.962753	1.03863	0.96428

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3583 vs. N)	Fold-Change(3583 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg08498987	ATP2A3;ATP2A2;ATP2A3;ATP2A3;ATP2	0.475988	0.537786	1.35405	0.454011	1.44852	1.44852	0.573937	0.758808	-1.31786	0.158996	0.481264	-2.07786	0.85255	1.07249	1.07249	0.36474	1.57219	0.115083	2.29881	2.29881	0.539915	1.35186	1.35186	0.49568	0.7145	-1.39946	1.05372	0.938998	3.32281	1
cg02926368	UBE2T	0.475988	0.842008	1.09588	1.09588	0.159654	0.501893	-1.99246	0.164299	0.506227	-1.9754	0.693475	0.833823	-1.19929	0.295331	1.64522	1.64522		0.487573	1.38203	1.38203	0.202149	0.539122	-1.85487	0.458746	0.707436	-1.41356	0.72277	0.849239	-1.17753	1.05372	3.51237	2.96294	1
cg26937809	CENPL;DARS2;DARS2;CENPL;CENPL	0.475991	0.436741	2.24921	2.24921	0.542647	0.513727	-1.87362	0.567141	1.80225	1.80225	7	0.691213	0.6664461	-1.50042		0.454648	0.460969	-2.1693	7	7	0.104221	0.55338	-6.43582	7	7	1.05259	10.81912	10.3471	1
cg01296982	CCDC110;CCDC110	0.476006	0.236999	1.29908	1.29908	0.279683	1.26789	1.26789	0.477452	0.858517	-1.1648	0.981102	0.99501	-1.00502	0.579421	1.12551	1.12551		0.229723	1.30495	1.30495	0.261103	0.78073	-1.28085	0.549678	1.13637	1.13637	0.174073	1.35715	1.05369	0.744358	0.62794	1
cg16289155	FAM149A	0.476007	2.25381	0.818687	-1.22147	0.358674	0.862028	-1.16005	0.821051	0.96499	-1.03628	0.708795	0.942694	-1.06079	0.846206	1.03102	1.03102		0.199555	0.808	-1.23762	0.338643	1.16783	1.16783	0.262718	1.20163	1.20163	0.303015	1.18273	1.18273	0.35368	0.412913	0.348333	1
cg08211445	CACNA2D1	0.476018	0.205114	0.372415	-2.68518	0.812035	0.838612	-1.19245	0.727219	1.29529	1.29529	0.693944	1.33937	1.33937	0.117373	0.28462	-3.51345		0.280557	0.43662	-2.29032	0.172229	0.341808	-2.92562	0.262002	0.421414	-2.37296	0.268328	0.426634	-2.34393	0.53666	9.10912	7.68461	1
cg06826155	EFNB2	0.476026	0.352094	0.6146	-1.62707	0.085325	0.290284	-2.56224	0.153708	0.460047	-2.17369	0.893676	0.916349	-1.09129	0.679408	1.12505	1.12505		0.414357	1.5283	1.5283	0.731876	0.831742	-1.20273	0.357662	1.55237	1.55237	0.793776	0.875313	-1.14245	0.91666	4.31223	3.63788	1
cg08104960	NXN	0.476029	0.511004	0.445169	-2.24634	0.304005	0.275106	-3.63497	0.303738	0.287818	-3.47442	0.613434	1.85594	1.85594	0.106853	0.118	-8.47456		0.466628	0.406863	-2.45783	0.749522	0.677837	-1.47528	0.317223	0.285043	-3.50824	0.475991	0.089698	-11.1484	3.15364	24.5914	20.7461	1
cg27561031	TOR1AIP1	0.476033	0.121965	1.90484	1.90484	0.975843	1.01156	1.01156	0.205602	1.66716	1.66716	0.691117	0.859215	-1.16385	0.737766	0.880173	-1.13614		0.895413	0.951292	-1.0512	0.15781	0.560296	-1.78477	0.647713	1.19105	1.19105	0.427622	1.3613	1.3613	1.06875	2.38807	1.73791	1
cg14139706	RTN1;RTN1	0.476036	0.363622	1.36116	-2.20973	0.53414	0.221264	-2.52116	0.502165	0.722144	-1.42016	0.854594	1.42945	-1.15376	0.877499	1.06121	-1.06121		0.823258	1.82216	-1.8557	0.307793	0.31413	-3.18344	0.178252	2.14005	2.14005	0.053633	1.82629	0.798157	1.25155	0.053633	12.7931	10.7028	1
cg14801290	RAB18	0.47604	0.847786	1.13735	1.13735	0.6525	1.35471	-1.35471	0.558654	0.627922	-1.48606	0.482097	0.619699	-1.61369	0.694453	0.767652	-1.30267		0.692823	0.766501	-1.30463	0.303971	0.24023	0.24023	0.076193	3.74884	3.74884	0.174026	2.63024	2.63024	0.105362	7.48561	6.31523	1
cg20706599	C18orf25;C18orf58;CIB1	0.476042	0.765383	0.908361	-1.10088	0.196771	0.645139	-1.55005	0.252895	0.681456	-1.46745	0.677935	1.14353	1.14353	0.945827	1.02206	1.02206		0.188276	1.56476	1.56476	0.462348	0.786406	-1.27161	0.396881	0.750583	-1.3213	0.17191	0.626862	-1.59525	0.53562	1.72111	1.45202	1
cg10357151	CD300LG;CD300LG;CD300LG;CD300LG	0.476057	0.397141	0.653608	-1.52997	0.155699	0.474727	-2.10647	0.145124	0.464218	-2.15416	0.176838	0.494549	-2.02204	0.188609	0.505005	-1.98018		7	7	7	0.238987	0.546164	-1.83095	0.540637	0.738009	1.355	0.972109	0.1073	0.1073	1.04478	0.53818	0.38652	1
cg00774559	ANXA11;ANXA11;ANXA11	0.476057	0.071626	0.472323	-2.13251	0.322668	0.025157	-1.53724	0.516954	1.1836	1.1836	0.481419	0.759916	-1.3155	0.233767	1.69124	1.69124		0.751368	0.874767	-1.14316	0.507893	0.183675	0.092769	-1.44009	0.03559	2.95656	2.49488	1
cg19888856	C7orf49;C7orf49;C7orf49	0.476057	0.347178	1.93966	1.93966	0.141979	0.339402	-2.94636	0.476141	1.64195	1.64195	0.154772	0.352236	-2.83901	0.281757	0.4649	-2.151		0.553257	1.50756	1.50756	0.621602	1.40567	1.40567	0.981649	0.984382	-1.01587	0.974041	0.977976	-1.02252	1.03559	7.81651	6.5946	1
cg22748654	ADAMTS16	0.476062	0.077962	0.391568	-2.55384	0.675383	0.129421	1.22341	0.696637	1.20632	1.20632	0.424692	1.42765	1.42765	1.47746	0.313541	0.607211	-1.64715		0.442239	1.45517	1.45517	7	7	0.602994	1.28559	1.28559	0.604791	1.28396	1.28396	1.04478	3.57142	3.22693	1
cg26618624	CRTC1;CRTC1	0.476065	0.4241	1.5670573	-1.56568	0.744749	0.125464	-1.25484	0.867506	1.12103	1.12103	0.410921	0.55751	-1.79369	0.114823	0.303746	-3.29223		0.34145	0.506034	-1.97615	0.067362	0.241087	-4.14787	0.381772	0.536157	-1.86512	0.33354	0.500026	-1.9999	0.10358	8.05699	6.79758	1
cg15372721	DSCAM	0.47607	0.650527	0.835018	-1.19758	0.256174	0.625892	-1.59772	0.723432	1.15081	1.15081	0.191828	1.72674	1.72674	0.819848	1.09437	1.09437		0.569854	0.796883	-1.25489	0.204987	0.589371	-1.69672	0.63198	0.826325	-1.21018	0.183659	1.74658	1.74658	1.03557	2.60791	2.20028	1
cg18788891	MCCC2	0.476071	7	7	7	0.776519	1.25189	1.25189	0.547233	0.636459	-1.62217	0.573711	0.655421	-1.52578	0.803507	1.05859	1.05859		0.059859	0.162495	-6.15367	7	7	0.577857	1.56204	1.56204	0.853342	0.864215	-1.15712	1.097	7.70169	6.01476	1
cg24812936	C5orf154;C5orf154	0.476076	0.272529	0.687638	-1.45425	0.526067	1.2345	1.2345	0.324535	1.396	1.396	0.13922	0.593419	-1.68515	0.335009	0.721796	-1.38543		0.979053	1.08065	1.08065	0.377905	0.743293	-1.34537	0.336224	1.38423	1.38423	0.761852	1.1048	1.1048	1.03556	1.79412	1.51371	1
cg16420238	NPR3	0.476083	0.520879	1.10294	1.10294	0.905429	1.03545	1.03545	0.955014	1.00092	1.00092	0.216091	0.822324	-1.21607	0.338368	0.86192	-1.1602		0.644256	0.932386	1.07252	0.443638	0.741408	1.12479	1.12479	0.890073	1.00176	1.00176	0.854093	1.0281	1.0281	0.354	0.378253	0.319137	1
cg09936572	NBPF1	0.476084	0.644601	0.767872	-1.3023	0.732696	0.822874	-1.21525	0.557867	0.7139	-1.40076	0.305901	1.82728	1.82728	0.08063744	0.332277	3.00954		0.903552	1.07137	1.07137	0.96243	1.02436	1.02436	1.45723	2.43082	2.43082	0.922199	1.05712	1.05712	1.03554	3.39564	4.55238	1
cg19286989	SDK1	0.476086	0.706617	0.882412	-1.13326	0.072194	1.94223	1.94223	0.978278	1.00905	1.00905	0.467324	0.782957	-1.27721	0.246066	0.66943	-1.49381		0.645352	0.857863	-1.16569	0.320905	1.40394	1.40394	0.901089	1.04199	1.04199	0.465067	0.781951	-1.27885	1.03554	1.82617	1.54077	1
cg23973524	CRTC1;CRTC1	0.476086	0.858473	1.16645	-1.16645	0.894306	1.05122	1.05122	0.263092	1.55086	1.55086	0.837618	1.08024	1.08024	0.882712	0.716966	-1.39481		0.507158	0.7738	-1.29232	0.243728	0.630383	-1.58207	0.508238	0.446705	-2.23861	0.805346	0.911317	-1.09731	1.03554	2.3603	1.99143	1
cg00500070	DNPEP	0.476096	0.517171	1.41856	1.41856	0.262834	0.53711	-1.86181	0.530382	0.712911	-1.4027	0.784367	1.15724	1.15724	0.048147	0.300452	-3.32832		0.184527	0.472667	-2.11565	0.635802	0.775696	-1.28916	0.80883	0.87893	-1.13775	0.783411	0.863555	-1.15801	1.03552	4.72984	3.99072	1
cg17040532	SPIRO3	0.476108	0.172682	1.58105	1.58105	0.271574	0.940817	-1.06055	0.887189	1.13932	1.13932	0.23593	0.644981	-1.55057	0.144923	0.410698	-2.43511		0.743101	0.903392	1.1064	0.752548	0.446978	1.17263	0.602766	1.18026	1.18026	0.44533	1.06249	1.06249	1.04272	2.4	2.00	1
cg20197861	BCOR;BCOR	0.476142	0.138117	0.108672	-9.20204	0.096083	0.787843	-12.6929	0.528994	2.42684	2.42684	0.197664	0.33296	-3.39286	0.350847	0.26321	-3.79924		0.839599	0.754483	-1.32541	0.925029	1.13978	1.13978	0.958171	1.07563	1.07563	0.58198	1.16598	1.16598	1.05347	3.24409	2.57209	1
cg15139254	TMEM104	0.476122	0.174229	0.347218	-2.88003	0.824078	1.17697	1.17697	0.610298	1.45668	1.45668	0.328286	0.477853	-2.09269	0.102453	0.270405	-3.69816		0.206186	0.37687	-2.65343	0.496255	0.603155	-1.65795	0.254233	0.414013	-2.38998	0.317297	0.469286	-2.1309	0.55347	8.93617	7.5401	1
cg25452172	METTL1;METTL1	0.476134	0.997784	1.00222	-1.00222	0.993835	0.732139	-1.28313	0.944093	1.08181	1.08181	0.612444	0.78487	-1.27404	0.883079	0.914659	-1.09321		0.580151	0.863935	-1.15739	0.737159	0.317539	0.705425	-1.41729	0.304655	0.144312	-6.92945	0.113402	-8.81966	1.03552	1.14312	0.964554	1
cg05655122	KIAA0182;KIAA0182	0.47614	0.855413	0.963354	-1.03804	0.833871	0.957922	-1.04393	0.510689	1.14633	1.14633	0.782151	0.944842	-1.05838	0.191505	1.32716	1.32716		0.26494	0.788352	-1.26847	0.066141	0.152484	1.52484	0.567299	1.12564	1.12564	0.688173	1.08608	1.08608	1.03544	0.698995	0.589812	1
cg12586718	UBL4A	0.476157	0.907653	0.975205	-1.02562	0.664249	1.16581	1.16581	0.641201	1.08502	1.08502	0.181138	0.663748	-1.50681	0.148311	0.447249	-2.23511		0.527317	0.743372	-1.34527	0.274914	0.145657	1.14275	0.142715	0.074045	2.60936	2.60936	1.03547	0.82947	0.75229	1
cg09905475	KREMEN1;KREMEN1	0.476167	0.488005	0.621149	-1.60992	0.596714	0.697036	-1.43465	0.290445	2.09912	2.09912	0.100777	3.36988	3.36988	0.95513	1.03876	1.03876		0.886642	0.908095	-1.10121	0.741322	1.25094	1.25094	0.410223	1.76683	1.76683	0.107723	1.25715	1.25715	1.05339	1.25715	0.633	0.63093	1
cg00774496	CHFR;CHFR;CHFR;CHFR;CHFR	0.476185	0.340167	3.26084	3.26084	0.735718	1.50035	7	0.0	7	7	0.0	7	7	0.0	7	7		0.0855428	1.35124	1.35124	0.133875	1.29183	1.29183	0.944061	0.932064	-1.07288	0.884061	0.977213	-1.02312	1.05334	0.418511	0.353173	1
cg20106524	AUTS2;AUTS2	0.476193	0.494616	1.2345	1.2345	0.936424	0.986461	1.01372	0.99769	1.00046	1.00046	0.823857	1.03594	1.03594	0.131907	1.29378	1.29378		0.0855428	1.35124	1.35124	0.133875	1.29183	1.29183	0.944061	0.932064	-1.07288	0.884061	0.977213	-1.02312	1.05334	0.418511	0.353173	1
cg05835930	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4	0.476197	0.449299	1.23439	1.23439	0.555559	0.849729	-1.17685	0.853548	0.950783	-1.05176	0.153193	1.51865	1.51865	0.409639	1.25899	1.25899		0.200983	1.4461	1.4461	0.703271	0.900752	-1.11018	0.569217	0.8546	-1.17014	0.204815	0.693911	-1.44111	1.05333	1.24444	1.05017	1
cg12308479	UQCRC1	0.476203	0.432333	1.09202	-1.09202	0.328168	1.158	1.158	0.271581	0.86126	1.16016	0.365115	0.887693	1.12652	0.289705	1.08703	1.08703		0.850404	0.92322	-1.08356	0.644021	0.958395	1.04331	0.901063	0.883384	-1.13171	0.780868	0.768567	-1.30173	0.440593	0.831261	-1.20299	0.533632	0.9212	0.777995	1
cg03299336	GAUNTL4	0.476206	0.839773	1.13653	1.13653	0.280378	1.158	1.158	0.271581	0.86126	2.06172	0.96623	0.97359	-1.02713	0.815396	0.862561	-1.15934		0.93029	1.05687	1.05687	0.551852	1.46307	1.46307	0.804617	1.16963	1.16963	0.564236	0.691781	1.44554	1.05331	1.66708	5.62635	1
cg05638386	BCN1;BCN1	0.476215	0.921563	0.960576	-1.04104	0.838737	0.920139	-1.08679	0.926634	0.963086	-1.03833	0.248716	0.611151	-1.63626	0.726728	0.865502	-1.15407		0.0450211	0.390886	-2.55842	0.158612	0.540412	-1.85044	0.422429	0.715586	-1.39746	0.236054	0.602245	-1.66045	0.53229	2.78233	2.34804	1
cg16329772	TOP1MT	0.476216	0.328928	1.54161	1.54161	0.43054	0.7114	-1.40537	0.263768	0.62398	-1.60346	0.144044	0.387693	-2.57952	0.0819168	0.2581	-3.87403		0.0504042	0.232522	-4.30056	0.0610097	0.0830384	-12.0431	0.0160369	0.0883326	-11.3187	0.0178567	0.0407077	-24.5703	0.0160369	0.0292	0.777995	1
cg01641174	RCCD1;RCCD1	0.476223	0.700308	1.09939	1.09939	0.159016	0.44581	1.44581	0.804268	0.940996	-1.0627	0.158496	0.14657	1.44657	0.400247	1.23478	1.23478		0.0936382	1.55581	1.55581	0.878622	0.963262	-1.03814	0.17249	1.42707	1.42707	0.943605	1.01748	1.01748	1.05328	1.00067	0.844494	1
cg12629245	MYEOV2;MYEOV2	0.476233	0.775438	1.10005	1.10005	0.706457	0.80687	-1.23948	0.470452	0.881912	-1.13482	0.800117	0.93642	-1.06811	0.668207	0.870884	-1.14862		0.736639	0.8744	-1.14391	0.682797	0.562824	1.77691	0.408841	0.732421	1.36503	0.2603	0.599143	1.66854	1.05331	0.599143	0.599143	1
cg05685297	C8orf58	0.476238	0.207231	0.320923	-3.11602	0.900661	0.898781	-1.11262	0.441753	0.511559	-1.95481	0.674659	0.697143	-1.43443	0.038476	0.128864	-7.76012		0.446437	0.515215	-1.94094	0.340568	0.432018	-2.31472	0.677439	0.699451	-1.42969	0.168487	0.28537	-3.50422	0.53525	12.1812	10.2803	1
cg03976788	TTLL1;TTLL1	0.476244	0.837339	1.09098	1.09098	0.776358	1.05983	1.05983	0.702325	1.07098	1.07098	0.673676	0.922145	-1.08419	0.744923	1.10498	1.10498		0.743101	0.90392	1.1064	0.752548	0.446978	1.17263	0.602766	1.18026	1.18026	0.44533	1.06249	1.06249	1.04272	2.4	2.00	1
cg20197861	BCOR;BCOR	0.476245	0.240765	1.03663	-2.8866	0.40681	0.585253	-1.70866	0.672555	1.15251	1.15251	0.6222	1.70185	1.4248	0.978193	0.273985	0.4584		0.429518	0.56015	-1.78524	0.166019	0.448916	-2.86602	0.085181	0.257517	-3.88324	0.054453	0.553217	-1.80761	0.15324	0.70809	0.715348	1
cg16408970	BAMBI	0.476248	0.274569	0.636908	-1.57008	0.533132	0.778418	-1.28466	0.13072	0.523289	-1.91099	0.827569	0.917075	-1.09042	0.361622	0.689266	-1.45082		0.775328	0.892654	-1.12025	0.0587433	0.428605	-2.33315	0.28424	0.643106	-1.55495	0.699239	1.16656	1.16656	1.05323	2.62681	2.21693	1
cg00152428	PACS2;PACS2	0.476251	0.997784	1.00222	-1.00222	0.993835	0.732139	-1.28313	0.944093	1.08181	1.08181	0.612444	0.78487	-1.27404	0.883079	0.914659	-1.09321		0.188118	1.7085	1.7085	0.761455	0.589165	-1.69744	0.217619	0.66656	-1.50042	0.752802	1.13243	1.13243	1.05322	2.58674	2.18314	1
cg18179833	OCP2	0.476257	0.567238	1.08081	1.08081	0.144638	1.23435	1.23435	0.101706	1.27221	1.27221	0.915502	0.98584	-1.01436	0.239614	1.17995	1.17995		0.504643	1.09524	1.09524	0.944953	0.877471	-1.13964	0.667534	0.943587	-1.05979	0.82372	1.03043	1.03043	1.05322	0.301198	0.254203	1
cg04172533	NOS2	0.476272	0.987063	0.994021	-1.00598	0.489674	1.29466	1.29466	0.284162	1.50589	1.50589	0.086501	0.501044	-1.99583	0.830599	0.924242	-1.08197		0.889197	1.0953	1.0953	0.707627	1.14869	1.14869	0.93568	1.24991	1.24991	0.254704	0.645616	-1.54881	0.59319	2.21293	1.90593	1
cg17905084	FOXL8	0.476277	0.961637	0.985252	-1.01522	0.61113	1.163413	1.163413	0.0	1.33361	1.33361	0.172216	0.714216	-1.39989	0.807533	1.07222	1.07222		0.918064	0.971023	-1.02984	0.977098	0.771875	-1.29555	0.643091	0.944783	1.2499	1.2499	0.090941	1.70233	1.70233	1.05318	1.36142	1.14905	1
cg14911884	DIP2C	0.4728	0.81739	0.86975	-1.14976	0.194568	0.436949	-2.2886	0.696941	0.788674	-1.26635	0.857031	0.806191	-1.11494	0.511768	0.669323	-1.49405		0.30746	1.89157	1.89157	0.905329	1.07442	0.0770334	3.2748	3.2748	0.482172	1.53878	1.53878	1.05317	0.07198	5.12481	1
cg25742448	KDM4B	0.47828	0.888323	1.05178	1.05178	0.431356	0.858458	1.16552	0.414935	1.20358	1.16552	0.414935	1.20358	1.20358	0.312917	1.253	1.253		0.0696092	0.638434	-1.57027	0.011994	0.10489	-9.53615	0.0789339	0.0789339	-1.2526	0.058808	0.885506	1.1295	0.058808	0.690669	1.29	1
cg23138728	HYOU1;HYOU1	0.476281	0.573589	0.817778	-1.22283	0.786212	0.908303	-1.10095	0.602237	0.830256	-1.20445	0.130111	0.5608	-1.78317	0.0890335	0.515064	-1.9415		0.713679	1.13925	1.13925	0.887779	1.05122	1.05122	0.612277	1.19818	1.19818	0.152767	0.581736	-1.71899	0.53157	2.08744	1.76182	1
cg11978837	TLE2	0.476283	0.95028	0.604779	-1.6535	0.54853	0.864498	-1.15411	0.870953	0.964498	-1.03632	0.459223	0.837089	-1.19473	0.532307	0.859953	-1.16285		0.372108	1.24153	1.24153	0.172928	0.710057	-1.40834	0.170649	0.804807	-1.2424	0.402494	0.816867	-1.22419	0.15217	0.929718	0.784698	1
cg11644198	MYBPC3	0.476288	0.40849	0.821463	-1.21734	0.0811061	1.73934	1.73934	0.448542	0.801676	-1.24739	0.726926	1.10555	1.10555	0.145095	0.638995	1.56496		0.447439	0.801229	-1.24808	0.893473	0.962379	-1.03909	0.849504	0.05587	1.05587	0.676567	0.886857	1.12758	0.53516	1.36635	1.15323	1
cg14668889	NUP85	0.476296	0.450816	0.629267	-1.58915	0.890137	0.920055	-1.08689	0.62081	0.740346	-1.35072	0.466135	1.5638	1.5638	0.126591	0.36925	-2.70819		0.112102	0.352399	-2.83769	0.141658	0.385696	-2.59271	0.972074	1.02133	1.02133	0.425407	0.612188	-1.63349	0.05314	6.06228	5.31677	1
cg04804930	PLAGL1;PLAGL1;HYMAI;PLAGL1	0.476298	0.6664	0.840445	-1.18956	0.8645565	2.134	2.134	0.32018	1.50851	1.50851	0.338308	0.673647	-1.48446	0.763341	1.12847	1.12847		0.412765	1.39815	1.39815	0.253621	0.620541	-1.6115	0.65939	1.19426	1.19426	0.990085	1.00499	1.00499	1.05314	2.67184	2.25513	1
cg27258272	CLP1;CLP1	0.476299	0.758417	1.07505	1.07505	0.256151	1.03958	1.03958	0.601046	1.12203	1.12203	0.525242	0.798751	-1.25195	0.579274	1.10975	1.10975		0.237603	0.745078	-1.34214	0.230541	0.741429	-1.34875	0.57701	0.87457	-1.14342	0.368325	1.2458	1.2458	1.05312	0.945599	0.796444	1
cg08469691	PPIF	0.476306	0.477428	0.842138	-1.18745	0.556688	0.868147	-1.15188	0.461632	0.836732	-1.19513	0.413443	1.22002	1.22002	0.109547	0.660359	1.51433		0.237603	0.745078	-1.34214	0.230541	0.741429	-1.34875	0.57701	0.87457	-1.14342	0.368325	1.2458	1.2458	1.05312	0.945599	0.796444	1
cg02628470	SSSM2;SSSM2	0.476308	0.239882	0.786344	-1.27171	0.404746	0.846618	-1.18117	0.164137	1.33637	1.33637	0.990099	0.997579	-1.00243	0.0321532	1.14263	1.14263		0.493252	1.14372	1.14372	0.119978	1.39022	1.39022	0.931508	0.983351	-1.01693	0.639781	1.09644	1.09644	1.05312	0.636278	0.513752	1
cg20392018	SMPD3;SA	0.476312	0.773154	1.29214	1.29214	0.141648	0.275165	1.63045	0.0	1.24853	1.24853	0.746302	1.39494	1.3406	0.240253	1.76432	1.76432		0.0856428	1.35124	1.35124	0.133875	1.29183	1.29183	0.944061	0.932064	-1.07288	0.884061	0.977213	-1.02312	1.05334	0.418511	0.353173	1
cg24116259	TTC9B	0.476323	0.353063	0.826402	-1.21006	0.880027	0.99726	-1.00275	0.0954195	1.44129	1.44129	0.70471	0.926841	-1.07893	0.393915	1.19036	1.19036		0.437076	1.17139	1.17139	0.483813	0.867632	-1.15256	0.242149	1.27669	1.27669	0.347902	1.2127	1.2127	1.05309	0.6640802	0.560543	1
cg27514423	AARS	0.476328	0.238882	0.807331	-1.23898	0.314378	1.17931	1.17931	0.554457	0.89993	1.00993	0.712327	0.937935	-1.06617	0.244016	0.814446	1.22836		0.216916	0.79702	-1.25431	0.105387	0.356664	-2.80439	0.0466158	0.184328	0.15308	0.0703	0.0944948	0.845108	-1.18328	0.15308	0.49007	0.423171	1
cg27040644	SRCIN1	0.476334	0.118681	0.385495	-2.59407	0.649009	1.24836	1.24836	0.462746	0.656599	-1.523	0.623344	1.32125	1.32125	0.233725	0.495289	2.01902		0.354137	0.584785	-1.71003	0.0870529	0.246269	-2.89629	0.496967	0.678323	-1.47422	0.583635	0.732345	1.36548	1.03507	2.28254	4.54896	1
cg00016481	ZFHX4	0.476341	0.886908	1.20126	1.20126	0.887311	1.20047	1.20047	0.823808	1.33296	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. 047 vs. N)	Fold-Change(1050 vs. 047 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. 537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	p-value(1537 vs. 537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	F(Treat)	SS(Treat)	SS(Error)	F(Error
cg04525505	HCCA2		0.447817	0.689027	-1.45132	0.604527	0.777592	-1.28602	0.0525433	0.346008	-2.80021	0.975138	0.120733	1.010733	1.070937	0.495611	-2.07771		0.86435	0.97871	-1.02175	0.959818	1.02455	1.02455	0.902017	0.942423	-1.06109	0.13568	0.461054	-2.16894	1.05229	3.86347	3.26354	1
cg18964706	DPCR1		0.476756	0.363578	0.804229	-1.24343	0.4710135	1.1866	1.1866	0.360853	1.24506	1.24506	0.626484	0.891864	-1.12125	0.192156	0.724603	-1.38007		0.374716	1.23688	1.23688	0.422624	1.47749	1.4773	0.808353	1.05834	1.05834	0.896266	0.970022	-1.03091	1.05228	0.907375	0.766482	1
cg08077234	PLXNC1		0.47677	0.870429	1.11354	1.11354	0.527708	0.656046	-1.52428	0.0250968	5.78547	5.78547	0.811314	1.17065	1.17065	0.931937	1.05789	1.05789		0.63918	1.36492	1.36492	0.321903	1.96238	1.96238	0.704785	1.28501	1.28501	0.539027	1.50642	1.50642	1.05226	7.23312	6.11015	1
cg09281101	NID1		0.262432	0.656622	-1.52295	0.278316	1.54362	1.54362	0.828684	0.920388	-1.0865	0.616052	1.22496	1.22496	0.234873	0.615127	1.61527		0.269512	0.642218	-1.5571	0.35116	0.659354	-1.44706	0.25497	1.58046	1.58046	0.830912	0.320940	-1.08584	1.05225	2.47163	2.08791	1
cg18015844	SYNGAP1		0.476782	0.634599	1.21434	1.21434	0.811907	1.10153	1.10153	0.376461	1.44504	1.44504	0.562324	1.26822	1.26822	0.404294	1.707418	-1.41359		0.127192	0.512186	-1.95242	0.163882	1.82681	1.82681	0.290213	1.56086	1.56086	0.942463	1.03906	1.03906	1.05223	2.74178	2.31616	1
cg16632433	TRIM41;TRIM41		0.476792	0.297705	1.26117	1.26117	0.149554	1.40407	1.40407	0.130483	1.42053	1.42053	0.884666	0.93169	1.07169	0.344008	-1.07297		0.930848	1.06037	1.06037	0.14086	0.340399	-2.91461	0.7145022	1.28163	1.28163	0.389666	0.551367	-1.81367	1.0522	7.60115	6.42141	1
cg05800983	GRM4		0.476802	0.814002	0.852851	-1.17254	0.220399	2.38732	2.38732	0.169908	2.68407	2.68407	0.949847	1.0434	1.0434	0.37099	1.85969	1.85969		0.930848	1.06037	1.06037	0.14086	0.340399	-2.91461	0.7145022	1.28163	1.28163	0.389666	0.551367	-1.81367	1.0522	7.60115	6.42141	1
cg07378515	TP1;TP1;TP1		0.476826	0.130626	1.50599	-1.91913	0.284602	1.58397	1.58397	0.198443	1.58228	1.58228	0.215143	1.58496	1.58496	0.215143	1.58496	1.58496		0.347933	0.668121	-1.49574	0.908159	1.04034	1.04034	0.946402	0.972334	-1.02845	0.774874	1.12712	1.12712	1.05217	2.90204	2.45168	1
cg27083019	SLC17A7		0.476823	0.615441	1.1351	1.66851	1.113379	1.113379	0.597972	1.14241	1.14241	0.211996	1.720835	-1.37828	0.0637687	0.593701	-1.68435		0.772406	0.930013	-1.07525	0.222438	0.725575	-1.37828	0.761537	1.07912	1.07912	0.797784	0.937783	1.06634	1.05216	1.04309	0.881225	1
cg02040836	TOX2;TOX2;TOX2;TOX2		0.476838	0.61804	1.13975	1.13975	0.286199	1.35764	1.35764	0.323927	0.754853	-1.32476	0.854159	1.05211	1.05211	0.500328	0.827908	-1.20786		0.106889	1.62567	1.62567	0.458878	0.812044	-1.23146	0.65173	0.882118	-1.13364	0.270982	1.37214	1.37214	1.05213	1.26984	1.07282	1
cg19926505	VPS52;RP5;1B;VPS52		0.476841	0.449847	1.35504	1.35504	0.709033	1.09254	1.09254	0.542752	1.21264	1.21264	0.488702	0.757648	1.31988	0.30325	-1.29766		0.715238	1.15524	1.15524	0.282175	0.609935	-1.63952	0.188342	1.08383	0.899734	0.951479	1.051	1.05212	1.05213	2.5943	2.1918	1
cg04124361	DOCK1		0.476842	0.0829	0.581502	-1.71969	0.67164	0.886581	-1.12793	0.816787	0.936579	-1.06722	0.960229	0.98602	-1.01418	0.246241	0.710089	-1.40827		0.101668	0.924104	-1.08216	0.656231	1.19344	0.891691	0.03921	1.03921	0.372158	0.772062	-1.29523	1.05212	1.32827	1.1222	1
cg16698203	SNORD92B;SNHG5;SNORD50A		0.476843	0.599444	0.887272	-1.12515	0.331727	1.34959	1.24959	0.682391	0.933337	-1.09449	0.472353	1.13662	1.13662	0.37606	1.045181	0.745411	-1.34154		0.189659	0.734104	-1.3622	0.300163	0.787504	-1.26984	0.580188	1.13236	1.133141	1.24872	1.24872	1.05212	0.824907	0.669027	1
cg02191970	DBNDD1;DBNDD1		0.476844	0.883814	0.979816	-1.0206	0.134529	0.798521	-1.25231	0.682526	1.10465	-1.10465	0.380068	0.882007	-1.13378	0.0763388	0.759612	-1.31646		0.39319	0.88518	-1.12971	0.636171	1.0687	1.0687	0.82028	1.03224	1.03224	0.916757	1.01469	1.01469	1.05212	0.323997	0.273731	1
cg13592104	MRPS17		0.476845	0.67805	0.910391	-1.09843	0.130753	1.44336	1.44336	0.357772	1.23699	1.23699	0.227986	1.752332	-1.3292	0.176196	0.725147	-1.37903		0.502367	0.858047	-1.16544	0.874678	1.03613	0.875135	0.06553	1.06653	0.78575	1.06319	1.06319	1.05212	0.842728	0.711986	1
cg21073862	NUSAP1;NUSAP1;NUSAP1;LOC105376		0.476846	0.285191	1.835876	-1.19635	0.351997	1.69729	1.69729	0.242644	1.083	1.083	0.122423	1.982473	-1.31152	0.81424	1.0874	1.0874		0.51081	0.86644	-1.15415	0.320394	0.801972	-1.24693	0.639697	0.903626	-1.10665	0.725493	1.07872	1.07872	1.05222	0.769855	0.65039	1
cg01340588	IGFALS;IGFALS;IGFALS		0.476846	0.675999	0.817774	-1.22283	0.0786415	2.54683	2.54683	0.136403	2.15548	2.15548	0.990598	1.00566	1.00566	0.778701	0.873857	-1.14435		0.23253	0.632619	-1.58073	0.685312	1.2153	1.2153	0.952259	1.02907	1.02907	0.513729	0.728351	-1.37296	1.05211	3.81718	3.22498	1
cg12465601	TRAF5;TRAF5;TRAF5		0.476848	0.601735	0.595351	-1.67968	0.194103	3.86914	3.86914	0.296733	2.90227	2.90227	0.81748	0.796384	-1.25568	0.208087	1.27059	-1.69563		0.905202	0.889287	-1.1245	0.915029	1.21935	-1.56135	0.86989	0.85091	-1.17521	0.401624	0.429368	-2.329	1.05211	16.1622	13.6549	1
cg04643485	RPTOR;RPTOR		0.476855	0.169455	1.396496	-2.07138	0.0180838	1.173516	1.173516	0.318562	0.464354	-2.15353	0.960507	0.99137	-1.00871	0.396778	1.12634	-1.2634		0.158815	0.354252	-2.82285	0.310468	0.457978	-2.18351	0.764872	0.799952	-1.25007	0.582551	0.661602	-1.51148	1.0521	9.2269	7.79557	1
cg01467836	HEATR7A;HEATR7A;HEATR7A		0.476858	0.794585	0.904795	-1.10522	0.217475	0.60805	-1.6446	0.7989	0.906749	-1.10284	0.51169	0.774762	-1.29072	0.0266209	0.365138	-2.73869		0.643031	0.836141	-1.19597	0.834096	1.08374	1.08374	0.996553	0.998345	-1.00166	0.822807	1.08981	1.08981	1.05209	2.44981	2.06979	1
cg12062787	FLI1		0.476867	0.306297	0.852445	-1.17311	0.0609033	0.915568	-1.09285	0.98409	1.00301	1.00301	0.0554416	0.720928	-1.3871	0.0962483	0.793947	-1.25992		0.64785	1.07177	1.07177	0.79653	0.901883	-1.10971	0.571361	0.997393	-1.00605	0.902369	0.981673	-1.01867	1.05207	0.378551	0.319836	1
cg13110334	DGCR9		0.476872	0.269859	0.479418	-2.08586	0.100929	0.31679	-3.15667	0.917252	1.06876	1.06876	0.868114	0.899119	-1.1222	0.251904	0.449516	-2.22638		0.297552	0.501079	-1.99569	0.283953	0.490536	-2.03858	0.09799666	0.313042	-3.19446	0.955389	0.964838	-1.03644	1.05206	0.82196	0.76387	1
cg04869407	CYTSB;CYTSB;CYTSB;CYTSB		0.476873	?	?	?	0.328918	1.3696	1.3696	0.211892	1.39298	1.39298	0.12337	0.415907	1.69762	0.169762	1.010134	1.010134	3.02807	3.02807	?	?	?	?	1.39733	1.39733	1.08052	1.16949	1.16949	0.527236	1.31093	1.31093	0.131887	5.44896	4.78279	1
cg24319825	TTPR1;TTPR1;TTPR1		0.476885	0.771615	0.809796	-1.23488	0.226	2.51329	2.51329	0.212026	2.5933	2.5933	0.825461	1.17363	1.17363	0.92378	0.932985	1.07183		0.946977	0.952933	-1.04939	0.203492	2.64577	2.64577	0.175037	2.84489	2.84489	0.0967555	3.749222	3.74922	1.05204	8.754493	7.3972	1
cg15600437	MFAP2;MFAP2;MFAP2		0.476885	0.144076	0.161044	-6.2095	0.41971	2.60995	2.60995	0.17822	1.89288	-1.28297	0.564012	1.97118	1.97118	0.241503	0.410509	-2.436		0.269418	0.861903	-1.16022	0.716009	0.653684	-1.52979	0.552921	0.497337	-2.01071	0.222671	0.444206	0.444206	1.05204	22.5597	19.0611	1
cg26936609	TCF25		0.476889	0.400363	1.449201	-1.43094	0.918211	1.14978	1.14978	0.746055	1.48166	1.35198	1.165349	0.532161	1.87483	0.554552	1.803	1.803		0.787815	1.12183	-1.27408	0.844285	0.936924	-1.06741	0.891691	1.09181	1.09181	0.464056	1.37382	1.37382	1.05203	3.02612	2.55585	1
cg18594724	PRKG1;PRKG1		0.476903	0.117828	0.552773	-1.80906	0.574613	1.21889	1.21889	0.575084	1.21859	1.21859	0.615663	0.838053	-1.19324	0.261255	0.664349	-1.50523		0.89274	1.04822	1.04822	0.138992	0.573573	-1.74346	0.232584	0.646012	-1.54796	0.89369	1.04778	1.04778	1.05201	2.02995	1.71519	1
cg10560144	PGK1		0.476904	0.357132	0.32687	-3.05983	0.953304	0.905871	-1.10415	0.709822	1.15781	1.15781	0.516134	0.50807	-1.96853	0.0178494	0.443773	-2.5369		0.291361	0.774536	-1.64264	0.483773	2.33604	2.33604	0.0170951	0.860329	1.23114	0.0411201	2.31252	2.31252	1.05204	21.2052	18.2349	1
cg05168842	FADS1		0.476904	0.11533	0.790785	-1.26457	0.0670448	2.57548	-1.92505	0.36814	0.880959	-1.13513	0.949596	0.99137	-1.00871	0.396778	1.12634	-1.2634		0.667875	0.942535	-1.06097	0.481205	0.906499	-1.10314	0.947188	0.990959	-1.00912	0.5654	1.023417	1.082493	1.052	1.331217	0.264652	1
cg02049404	CASKIN1		0.476921	0.277654	1.32973	1.32973	0.099499	1.57735	1.57735	0.52635	1.17592	1.17592	0.542841	1.16822	1.16822	0.666016	0.896182	-1.11585		0.960043	1.01273	1.01273	0.0734211	1.65509	1.65509	0.945573	1.01738	1.01738	0.292276	1.31759	1.31759	1.05197	1.06155	0.896977	1
cg08379586	GATA4		0.476923	0.90523	1.10703	1.10703	0.476454	1.22514	1.22514	0.339378	1.17137	1.17137	0.410142	0.973405	-1.02696	0.903232	1.02696	1.02696		0.696654	0.938984	-1.06503	0.814373	1.08003	1.08003	0.858328	1.02913	1.02913	1.04597	0.481249	2.06032	1.05197	0.378551	0.319836	1
cg21197219	ARHGEF16		0.476931	0.370464	0.545223	-1.83411	0.0661124	2.56765	3.89462	0.0701058	2.62503	-3.8019	0.442684	0.597887	-1.67256	0.351307	0.531179	-1.88261		0.996625	0.997215	-1.00279	0.994419	0.995398	-1.00462	0.454226	0.604848	-1.65331	0.779955	0.831047	-1.2033	1.05195	7.24705	6.12367	1
cg24170849	SLC16A13		0.476935	0.324757	0.761014	-1.31424	0.0748745	1.822557	1.28112	0.400921	1.33128	1.33128	0.666809	0.986501	-1.01352	0.906051	1.02388	1.02388		0.911859	1.06315	1.06315	0.688018	0.878205	-1.13869	0.615284	0.93615	-1.06833	0.488664	1.12529	1.12529	1.05196	1.30788	1.14666	1
cg06878729	CSMD2 EPB49;EPB49;EPB49;EPB49;EPB49;EPB49		0.476936	0.125626	0.758063	-1.31915	0.584429	0.911831	-1.09669	0.660237	0.9274	-1.07673	0.503751	0.892803	-1.12007	0.786277	0.955596	-1.04647		0.0834454	1.37742	1.37742	0.645048	1.0806	1.0806	0.824237	0.963508	-1.03787	0.465212	0.883197	-1.13225	0.105195	0.4653	0.393176	1
cg21212977	9		0.476941	0.814133	0.38047	1.08347	0.273617	1.47377	1.47377	0.193798	1.5965	1.5965	0.493978	1.30795	1.30795	0.763715	0.728795	-1.37213		0.811304	0.921808	-1.08482	0.990929	1.00388	1.00388	0.110496	0.553196	-1.80768	0.659269	0.859806	-1.16305	1.05194	1.9306	1.63137	1
cg34534477	PNPLA5		0.476953	0.61451	0.847434	-1.18003	0.396845	1.32686	1.32686	0.278528	1.44382	1.44382	0.480706	1.26321	1.26321	0.98336	0.993225	-1.00682		0.715489	0.887517	-1.12674	0.339863	0.725676	-1.37803	0.165757	1.61904	1.61904	0.122197	1.72642	1.72642	1.05191	1.77027	1.49591	1
cg03179342	RYBP		0.476954	0.88436	1.0514	1.0514	0.378554	0.837706	1.19396	0.2996	1.20896	1.20896	0.818751	0.846611	1.18145	0.40485	1.12317	-1.12317	1.41547	1.41547	0.588488	0.853411	-1.1717	0.152423	1.623	1.623	0.592252	1.48405	1.48405	1.05191	1.16096	0.796291	1.08206	1.08206	1.05191	1.40297	1.18554	1
cg26488999	PCDH1		0.476957	0.152351	0.518665	-1.92802	0.790455	0.892224	-1.12079	0.772451	0.883242	-1.13219	0.523261	1.31918	1.31918	0.0823911	0.438721	-2.27935		0.604365	0.799457	-1.25085	0.157789	0.523759	-1.90927	0.46548	0.727562	-1.37445	0.29643	0.629032	-1.58974	1.05188	1.05464	2.58131	1
cg25129837	YIF1A SCNN1;SYSMD1;LYSMD1;LYSMD1;LYSMD1;LYS		0.476972	0.277335	0.85603	-1.16818	0.402439	0.888784	-1.12513	0.946987	1.00919	1.00919	0.493416	0.908736	-1.10043	0.960899	0.993227	-1.00677		0.239641	0.844154	-1.18462	0.527628	0.915711	-1.09205	0.728201	1.04917	1.04917	0.081186	1.30474	1.30474	1.05188	0.315392	0.266522	1
cg04981152	MD1		0.476978	0.953386	0.990057	-1.01004	0.95311	1.0101	1.0101	0.972211	0.994063	-1.00597	0.518055	0.894032	-1.11853	0.851389	1.03258	1.03258		0.160697	0.774036	-1.29193	0.035779	0.658228	-1.51923	0.680516	0.931672	-1.07334	0.65086	1.08099	1.08099	1.05187	0.486789	0.411365	1
cg24237576	DNASE1L2		0.476984	0.124557	0.762104	-1.31183	0.0447107	2.11772	2.11772	0.61021	1.73049	-1.16894	0.933462	1.07053	-1.07053	0.380775	0.811282	-1.23258		0.350758	0.642918	-1.55608	0.422018	0.736453	-1.35763	0.415866	0.594027	-1.68323	0.0911549	0.534607	-1.87049	1.05187	2.54329	2.05251	1
cg26815404	ESPN		0.476987	0.896767	1.19735	1.19735	0.580321	2.17036	2.17036	0.610171	2.04097	2.04097	0.64525	2.94381	2.94381	0.633721	0.513729	-1.94655		0.97942	1.03644	1.03644	0.618377	2.00735	2.00735	0.0635227	1.87097	1.87097	0.0713532	1.96318	1.96318	1.05185	3.82073	2.71026	1
cg26226569	MED27		0.476997	0.16473	1.31794	1.31794	0.583903	0.902156	1.05185	0.988707	1.00245	1.00245	0.98864	1.00264	1.00264	0.98864	1.00264	1.00264		0.139617	1.10118	1.10118	0.241406	1.54802	1.54802	1.05185	1.18697	1.18697	0.742284	1.0822	1.0822	1.05183	0.573846	0.48813	1
cg07584208	PCDH20		0.476998	0.314576	0.8048	-1.24232	0.143815	1.19131	1.19131	0.861604	1.37655	1.37655	0.0860495	0.598438	-1.67102	0.364734	1.35961	1.35961		0.802326	1.08625	1.08625	0.163001	0.558353	-1.79086	0.503351	1.25108	1.25108	0.153828	1.81234	1.81234	1.05183	1.66068	1.53159	1
cg07325529	LOC285780;LY86		0.476999	0.460302	0.757213	-1.32063	0.397951	1.3485	1.3485	0.451253	0.76708	-1.30364	0.974096	0.988845	-1.01128	0.939438	1.0266	1.0266		0.893279	1.04472	1.04472	0.137496	0.574566	-1.73772	0.210227	1.57798	1.57798	0.214686	1.57028	1.57028	1.05183	1.98817	1.68019	1
cg07754347	EGFL8		0.477004	0.816222	0.916548	1.09125	0.2051	1.606251	1.94458	0.648024	1.83834	-1.19281	0.0760764	1.08354	1.08354	0.0760764	1.08354	1.08354		0.732352	1.14907	1.14907	0.0160594	1.3023	1.3023	1.05188	1.56047	1.56047	0.0148861	1.90182	1.90182	1.05183	2.31848	1.97261	1
cg09462606	ANAPC13;CEP63;CEP63;CEP63;ANAPC1 3;CEP63;CEP63;ANAPC13;CEP63		0.477016	0.8989	1.03279	1.03279	0.602073	1.14288	1.14288	0.3493	1.2771	1.2771	0.0969145	0.629665	-1.58814	0.321329	0.944194	-1.0591		0.770797	1.07608	1.07608	0.124251	0.655372	-1.52585	0.401328	0.806322	-1.2402	0.508815	0.84354	-1.18548	1.05158	1.07356	0.907282	1
cg14837165	CHST14		0.477019	0.0874098	0.271448	-3.68395	0.206738	0.398441	-2.50978	0.819434	0.853847	-1.17117	0.402361	0.553087	-1.80803	0.197104	0.389734	-2.56586		0.737385	0.792503	-1.26182	0.0827113	0.265029	-3.77317	0.430278	0.57331	-1.74426	0.460512	0.594985	-1.68071	1.05179	0.79565	0.72264	1
cg03740025	SND1		0.47702	0.248712	0.83451	1.83451	0.356465	1.61171	1.61171	0.955098	0.972061	-1.02874	0.107585	0.241996	2.41996	0.0249014	0.520124	1.50126		0.0884282	2.57529	2.57529	0.714012	1.20349	1.20349	0.143327	2.20659	2.20659	0.602146	1.30303	1.30303	1.05179	4.21868	3.56529	1
cg00587613	GPR152		0.47049	0.80346	1.24455	1.24455	0.781228	1.62825	1.62825	0.479551	1.57815	1.57815	0.853176	1.49037	1.49037	0.0903557	1.53874	1.53874		0.478082	1.58131	1.58131	0.0205535	2.16545	2.16545	0.0238425	1.85623	-1.16795	0.941133	1.04804	1.04804	1.05173	6.27427	5.68348	1
cg09090062	ZNF786		0.477051	0.896989	0.962408	-1.03906	0.13865	1.60251	1.60251	0.180237	0.656415	-1.52343	0.333848	0.744633	-1.34294	0.34876	1.33024	1.33024		0.509384	1.21896	1.21896	0.319259	1.35593	1.35593	0.627663	1.15556	1.15556	0.75167	1.09846	1.09846	1.05173	1.45766	1.23196	1
cg10797387	INF2;INF2;INF2		0.47706	0.281793	0.741574	-1.34848	0.0252658	0.491117	-2.03618	0.929385	1.02397	1.02397	0.921328	0.973941	-1.02676	0.982895	0.994286	-1.00575		0.712385	1.10404	1.10404	0.167702	0.946568	-1.05645	0.766736	1.08276	1.08276	0.15171	1.19008	1.10584	1
cg24600608	KCNIP4;KCNIP4;KCNIP4;KCNIP4;KCNIP4		0.477065	0.264226	0.346156	-2.88887	0.455884	0.500421	-1.99832	0.552347	1.72985	1.72985	0.759327	1.3233	1.3233	0.0970836	0.190127	-5.25963		0.334683	0.403734	-2.47688	0.126873	0.221974	-4.50502	0.314116	0.387121	-2.58317	0.663589	0.670311	-1.49029	0.1517	13.8424	11.6995	1
cg10861755	RGS1		0.477068	0.288746	1.529804	1.529804	0.995384	1.33134	1.33134	0.649774	1.33784	1.33784	0.0972372	0.80564	-1.24097	0.0954104	0.695579	-1.43798	0.951103	0.96535	-1.03569	0.849629	0.964323	-1.037	0.173809	1.27564	2.27564	0.409918	0.615943	-1.62353	1.0767	1.07289	0.65524	1
cg18823306	USH1C;USH1C		0.477076	0.580978	1.92727	1.92727	0.973957	0.96231	-1.03917	0.95444	0.93497	-1.06955	0.470553	2.3724	2.3724	0.0716618	0.0937619	-10.6653		0.477059	2.34165	2.34165	0.12791	1.11137	1.11137	0.953995	1.07026	1.07026	0.15168	23.07	19.4989	1
cg02166321	LANCL3;LANCL3		0.477077	0.876807	1.09448	1.09448	0.732154	0.442715	2.26116	0.0373976	0.664764	-1.44594	0.0948413	0.708418	1.41156	0.0948413	0.708418	1.41156		0.256753	3.96345	3.96345	0.0252198	1.09022	1.09022	0.9156631	1.91229	1.91229	0.0968168	1.08374	1.08374	1.05174	1.09225	0.924724	1
cg05760641	ATP5I		0.477078	0.341328	1.45479	1.45479	0.287412	0.655544	-1.52545	0.996641	1.00161	1.00161	0.441676	0.740867	-1.34977	0.11886	0.523523	1.91014		0.314685	0.671999	1.4881	0.684386	0.855353	-1.16911	0.248706	1.58561	1.58561	0.858793	1.07045	1.07045	1.05168	2.43451	2.05767	1
cg19312157	DOK7;DOK7		0.477086	0.876709	0.968371	-1.03266	0.448459	1.17394	1.17394	0.917719	0.978836	-1.02162	0.279153	0.791124	-1.26402	0.0451118	0.614899	-1.62628		0.639608	1.10266	1.10266	0.454501	0.853728	-1.17133	0.487947	0.863976	-1.15744	0.843778	1.04169	1.04169	1.05166	0.708506	0.516686	1
cg21764632	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2		0.47709	0.781257	1.09448	1.09448	0.732154	0.442715	2.26116	0.0373976	0.664764	-1.44594	0.0948413	0.708418	1.41156	0.0948413	0.708418	1.41156		0.893883	1.04271	1.04271	0.403033	1.02055	1.02055	0.816545	1.06545	0.938235	0.814003	1.04804	1.04804	1.05163	1.68367	1.38361	1
cg03768823	STX12		0.477111	0.436374	1.26395	1.26395	0.554079	1.19246	1.19246	0.191956	1.51138	1.51138	0.174116	1.54207	1.54207	0.250709	1.42927	1.42927		0.723242	1.10993	1.10993	0.177404	0.650978	-1.53615	0.96433	1.01318	1.01318	0.427176	1.27028	1.27028	1.08703	1.40652	0.862607	1
cg02126561	SCFD2		0.477114	0.940763	0.98834	-1.0118	0.457029	1.21478	1.21478	0.333377	1.03337	1.03337	0.610954	0.922229	-1.08413	0.0794785	0.753879	-1.32689		0.906804	1.01864	1.01864	0.844256	0.867819	-1.15233	0.849788	0.899854	-1.11144	0.34066	0.561214	0.914554	-1.09315	0.645771	0.550598	1
cg10624786	SMARCA2;SMARCA2		0.477126	0.848377	0.93081	-1.03082	0.836039	0.967673	-1.03341	0.282555	1.19371	-1.19371	0.340153	0.855661	-1.16869	0.870671	0.974494	-1.02617		0.343112	0.856526	-1.16751	0.56039	0.898542	-1.11291	0.427025	1.13723	1.13723	0.0833298	1.35523	1.35523	0.105519	0.41877	0.353978	1
cg09087901	PLG;PLG		0.477129	0.865913	0.90991	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	MIER1;MIER1;MIER1;MIER1;MIER1;MI	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg04880992	ER1;MIER1;MIER1;MIER1;MIER1	0.477529		0.333737	1.39548	1.39548	0.846665	0.742364	-1.34705	0.199411	0.635611	-1.57329	0.803151	1.08706	1.08706	0.458055	0.776806	-1.28732		0.246178	1.49985	1.49985	0.291068	1.44223	1.44223	0.419909	1.31711	1.31711	0.42949	1.3094	1.3094	0.10584	1.85929	1.57275	1
cg17223593	GPC4	0.477533		0.143375	0.130209	-7.67994	0.939052	1.10422	1.10422	0.837002	1.30613	1.30613	0.323097	3.75527	3.75527	0.246491	4.81226	4.81226		0.160472	0.143165	-6.98495	0.384502	0.314758	-3.17704	0.769791	0.683561	-1.46293	0.984517	1.02548	1.02548	1.05083	27.9719	23.6612	1
cg19806933	CD68A	0.477534		0.86008	0.97476	-1.02589	0.75005	1.0474	1.0474	0.12936	1.26799	1.26799	0.663626	1.08956	-1.08956	0.128965	1.22298	1.22298		0.259727	1.18572	1.18572	0.385974	1.13743	1.13743	0.234253	0.834715	-1.19801	0.948372	0.990662	-1.00943	1.05083	0.349384	0.295542	1
cg02050847	RPS4Y2;RPS4Y2	0.477537		0.41633	0.3499	0.3499	0.715984	1.88943	1.88943	0.18943	?	?	?	?	?	?	?	?		0.516675	0.31968	0.31968	0.470555	3.6625	3.6625	0.239658	0.112232	-8.91014	0.209824	0.095359	-10.4867	1.02968	33.112	37.517	1
cg09864843	C1orf88	0.477539		0.467236	0.822489	-1.21582	0.163928	1.48366	1.48366	0.1613	1.746	1.746	0.177115	1.46077	1.46077	0.933216	1.02239	1.02239		0.670059	1.11988	1.11988	0.905406	1.0319	1.0319	0.877752	1.0415	1.0415	0.745085	1.09	1.09	1.00582	1.16337	0.982407	1
cg14341177	BICD2;BICD2	0.477564		0.377847	0.604388	-1.65457	0.989292	1.00747	1.00747	0.901506	1.07105	1.07105	0.779654	0.855963	-1.16828	0.0352137	0.248352	-4.02654		0.319196	0.563545	-1.77448	0.990645	0.993522	-1.00652	0.526563	1.42817	1.42817	0.82726	1.12882	1.12882	1.06572	5.077	3.70527	1
cg02079377	SLC16A12	0.477569		0.753656	1.09387	1.09387	0.73089	0.737438	-1.25413	0.615251	1.1424	1.1424	0.905225	0.969194	-1.03179	0.63755	0.88279	-1.13277		0.711092	0.906887	-1.10267	0.0709249	0.598836	-1.66991	0.301155	1.42568	1.42568	0.353467	1.28155	1.28155	1.05076	1.14852	0.97159	1
cg22952406	MTCP1;BRCC3;MTCP1NB;BRCC3	0.477570		0.102504	0.247151	-4.04611	0.950413	0.952512	-1.04986	0.509625	0.592567	-1.68757	0.153751	1.30266	1.30266	0.478995	0.569488	-1.75596		0.236958	0.379347	-2.63611	0.831669	0.846605	-1.18119	0.740027	0.770663	-1.29758	0.590902	1.52883	1.52883	1.05076	10.1846	8.61567	1
cg13977158	MDP1	0.47757		0.534917	0.694508	-1.43987	0.169583	2.33686	2.33686	0.428143	1.59886	1.59886	0.370376	0.586474	-1.70511	0.163699	2.36845	2.36845		0.776674	0.847913	-1.17937	0.404609	0.609755	-1.64	0.503716	1.48237	1.48237	0.360384	1.72545	1.72545	1.05076	5.60053	4.73776	1
cg12451177	MAPK1;MAPK1	0.477578		0.521468	0.823403	-1.21449	0.375424	1.83838	1.83838	0.147478	1.60596	1.60596	0.124932	0.225079	4.44377	0.203907	0.706207	-1.41555		0.172155	0.647541	-1.5441	?	0.329917	0.329917	-3.03161	1.35075	0.328874	1.35893	1.35893	1.04188	1.31156	1.25884	1
cg24791546	DDX23	0.477578		0.848913	1.0283	1.0283	0.876584	1.023	1.023	0.84724	-1.01598	0.157779	1.2345	1.2345	0.157453	1.2476	1.2476		0.140615	0.792983	-1.26106	0.320268	0.850848	-1.16217	0.871867	1.0239	1.0239	0.91028	1.01663	1.01663	1.05074	0.356382	0.301485	1
cg17126913	PDLIM2	0.477579		0.231324	1.52042	1.52042	0.550766	0.837553	-1.22316	0.643999	0.856163	1.1618	1.562715	0.827353	-1.21567	0.770006	0.606798	-1.10278		0.114666	1.4476	1.4476	0.335191	1.36321	1.36321	0.534921	1.145	1.145	0.987649	1.00334	1.00334	1.05074	0.772591	0.653587	1
cg13758555	BSCL2;GNG3;RSC1;2;BSCL2	0.477584		0.828704	0.939632	-1.06425	0.172771	1.51732	1.51732	0.693713	0.892489	-1.12046	0.569707	0.847808	-1.17951	0.981822	0.993474	-1.00657		0.830588	0.940288	-1.0635	0.243597	0.704263	-1.41992	0.536121	1.19726	1.19726	0.0887674	1.71512	1.71512	1.05073	1.37422	1.16255	1
cg04542489	BCL2L2	0.477585		0.748775	1.15892	1.15892	0.849405	1.04061	1.04061	-1.06263	0.13199	1.2091	1.2091	1.20976	1.20976	0.649984	1.13331	1.13331		0.370446	0.53713	-1.86175	0.128584	0.329567	-3.03428	0.978545	0.981991	-1.01834	0.828442	1.15795	1.15795	1.05072	7.59931	6.42886	1
cg08446166	CLPA2 ZDHHC3;ZDHHC3;EXOSC7;ZDHHC3;EXO	0.477597		0.521716	1.17595	1.17595	0.606661	1.45354	1.45354	0.233969	1.36534	1.36534	0.163443	1.44948	1.44948	0.614316	1.13521	1.13521		0.332425	1.28344	1.28344	0.202974	1.39853	1.39853	0.254884	1.34539	1.34539	0.0866798	1.60362	1.60362	1.05071	0.10653	0.876891	1
cg04600289	SC7	0.477603		0.51026	1.16824	1.16824	0.147437	1.43607	1.43607	0.158565	1.42034	1.42034	0.921965	1.02308	1.02308	0.201295	1.36917	1.36917		0.866099	1.04007	1.04007	0.222312	0.741845	-1.34799	0.707518	0.915986	-1.09172	0.925563	1.022	1.022	1.0507	0.90206	0.763141	1
cg09925621	HSDL1;LRRC50;HSDL1	0.477616		0.502667	1.34974	1.34974	0.124561	1.17442	1.17442	0.662004	0.992795	1.00726	0.48977	1.25539	1.25539	0.404885	1.19321	1.19321		0.445491	1.27943	1.27943	0.138016	0.559885	-1.67818	0.594078	1.19051	1.19051	0.457654	0.782556	1.27786	1.05067	1.74878	1.4795	1
cg07176561	PTPN7;PTPN7;PTPRN2	0.477617		0.144648	0.302962	-3.30075	0.426797	1.85603	1.85603	0.808273	0.830864	-1.20357	0.583411	0.655656	-1.52519	0.160594	0.319065	-3.13416		0.803682	0.827095	-1.20905	0.224358	0.378022	-2.64532	0.198666	0.276345	-3.61866	0.57161	0.646818	-1.54603	1.05067	9.66642	8.17799	1
cg10543947	APOL2;APOL2;APOL2	0.477618		0.207343	3.13393	3.13393	0.776437	0.783033	-1.27708	0.501554	0.556559	-1.79675	0.59401	1.07374	1.07374	0.629604	1.51813	1.51813		?	?	?	0.0677704	0.172439	-5.79916	0.922995	1.08661	1.08661	0.583671	1.60875	1.60875	1.0418	10.8242	10.3899	1
cg09181098	SEPT9;SEPT9	0.477619		0.144594	0.20373	-4.90845	0.238577	0.28158	-3.50165	0.580949	0.57348	-1.73974	0.164399	0.54049	4.50949	0.793015	0.765797	-1.30583		0.219882	0.269893	-3.70518	0.764266	0.735228	-1.36003	0.725323	1.43068	1.43068	1.05067	17.1526	14.5115	1
cg07243700	RTCD1;RTCD1	0.477621		0.527674	0.838163	-1.19266	0.525858	1.13258	1.13258	0.190304	0.976103	1.02448	0.407057	0.847474	-1.17966	0.499056	0.663809	-1.50683		0.068207	0.148285	-6.74285	0.723612	0.933773	-1.07092	0.844724	1.13052	1.13052	0.20601	0.773031	1.29361	1.05066	0.619718	0.524297	1
cg13977827	NFIB NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;	0.477622		0.957337	0.956062	-1.04596	0.312379	2.40546	2.40546	0.206896	3.05881	3.05881	0.345491	2.26156	2.26156	0.571055	0.618262	-1.61744		0.344988	0.441774	-2.2636	0.236485	0.352802	-2.83445	0.270061	0.381135	-2.62374	0.804953	1.23098	1.23098	1.05066	11.739	9.93155	1
cg23288563	NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;	0.477625		0.703946	0.790379	-1.26522	0.244618	0.472371	-2.11698	0.321398	0.539135	-1.87993	0.572471	1.42109	1.42109	0.0545961	0.260923	-3.83255		0.953421	1.03665	1.03665	0.899175	1.08124	1.08124	0.527701	1.48328	1.48328	0.368891	0.566291	-1.76588	1.05066	6.31764	5.34492	1
cg09601150	IQSEC1;IQSEC1	0.477625		0.960204	1.01171	1.01171	0.60855	1.12809	1.12809	0.353822	1.24931	1.24931	0.649956	0.898881	-1.11249	0.655843	1.11034	1.11034		0.488557	0.848591	-1.17842	0.0455841	1.70729	1.70729	0.820658	1.05441	1.05441	0.352414	0.79989	-1.25017	1.05066	0.905952	0.766464	1
cg10055139	C11orf52	0.477629		0.103187	0.151695	-6.59168	0.780664	1.15435	1.15435	0.0700112	1.16469	1.16469	0.0424042	0.677851	1.13483	0.654818	1.17087	1.17087		0.0920553	1.126	1.126	0.0239313	1.18016	1.18016	0.926718	0.8601	-1.0141	0.949748	1.15772	1.15772	1.05051	0.385186	0.329244	1
cg02240665	RPTOR;RPTOR	0.47763		0.930783	0.936554	-1.06774	0.254128	1.19885	1.19885	0.0930232	0.03202	0.03202	0.859298	0.874696	-1.14325	0.930451	1.06449	1.06449		0.870567	0.884231	-1.13093	0.340675	2.09776	2.09776	0.999565	0.999588	-1.00041	0.96921	1.02955	1.02955	1.05065	9.47289	8.01444	1
cg02768442	SDF4;SDF4	0.477643		0.759463	0.893819	-1.11925	0.334723	0.961348	0.961348	-1.04032	0.981574	0.981574	0.215585	0.866402	-1.15443	0.13317	0.860402	-1.16227		0.165744	0.662294	-1.50962	0.0178048	0.386509	0.386509	-2.58745	0.733945	0.273342	1.37384	1.37384	1.05063	0.731048	0.613677	0.510604	1
cg10774185	YWHAB;YWHAB	0.477645		0.213256	0.529479	-1.88865	0.23056	0.543256	-1.84075	0.16442	0.486922	-2.05372	0.175344	0.497003	-2.01206	0.244243	0.553774	-1.80579		0.093029	0.408017	-2.45088	0.529642	0.734248	-1.36194	0.914808	0.949412	-1.05328	0.331128	0.616115	-1.62307	1.05062	1.91604	3.31321	1
cg27170159	SPAG1;SPAG1	0.477647		0.526588	0.849668	-1.17693	0.690087	0.903241	-1.10712	0.199991	0.709102	-1.41023	0.42661	0.813744	-1.22889	0.034816	0.535475	-1.8675		0.30294	0.762665	-1.31119	0.493268	0.838093	-1.19233	0.228573	0.72553	-1.3781	0.408039	0.806466	-1.2397	1.05062	1.07271	0.90758	1
cg21636353	ZNF217	0.477653		0.678981	1.15204	1.15204	0.552766	0.837553	-1.22316	0.643999	0.856163	1.1618	1.562715	0.827353	-1.21567	0.770006	0.606798	-1.10278		0.140615	0.792983	-1.26106	0.320268	0.850848	-1.16217	0.871867	1.0239	1.0239	0.91028	1.01663	1.01663	1.05074	0.356382	0.301485	1
cg13132307	MYH3	0.477654		0.195192	0.736629	-1.35753	0.587003	0.884829	-1.13016	0.418076	0.831428	-1.20275	0.328418	0.798477	-1.25238	0.511268	1.16025	1.16025		0.501888	0.858942	-1.16422	0.556028	1.14208	1.14208	0.148752	1.4127	1.4127	0.486611	1.17082	1.17082	1.0506	0.828192	0.700713	1
cg18624581	GNS	0.477658		0.688228	1.10522	1.10522	0.358074	0.709988	-1.26423	0.361671	1.26171	1.26171	0.946099	0.786319	-1.27175	0.879948	0.9632	-1.03821		0.760251	1.21923	1.21923	0.609234	0.77148	-1.29621	0.976444	0.981059	-1.01931	0.603351	1.40423	1.40423	1.05059	0.97912	0.5949	1
cg18782846	BRD2;BRD2	0.477658		0.247077	2.18985	2.18985	0.709147	0.561331	1.63331	0.273311	2.09248	2.09248	0.940482	1.68397	1.68397	0.108189	3.11129	3.11129		0.713378	0.934357	-1.07025	0.0651435	1.46385	1.46385	0.73797	1.06374	1.06374	0.338837	1.19894	1.19894	1.05059	0.563542	0.476805	1
cg18511902	SNUPN;SNUPN;SNUPN;SNUPN;SNUPN	0.477661		0.221286	1.26695	1.26695	0.857718	0.967513	-1.03358	0.121177	1.36243	1.36243	0.538309	1.1215	1.1215	0.596824	1.10323	1.10323		0.153548	0.646245	-1.5474	0.404439	1.2431	1.2431	0.998932	1.00038	1.00038	0.700765	1.11664	1.11664	1.05058	1.35821	1.14917	1
cg26262196	FADD;FADD	0.477662		0.395662	1.18223	1.18223	0.763851	1.32887	1.32887	0.468323	1.7932	1.7932	0.0973782	1.58356	1.58356	0.915105	0.975388	-1.02523	0.892949	0.967981	1.03308	0.345753	0.797085	-1.25457	0.784111	0.937873	-1.06624	0.743604	1.07967	1.07967	0.787554	1.06512	1.06512	0.0507	0.907648	0.76796	1
cg24106124	PDE6D PACRG;PACRG;PACRG;PACRG;PARK2;P	0.47767		0.187707	0.721748	-1.38553	0.340247	1.25804	1.25804	0.0767878	1.58356	1.58356	0.915105	0.975388	-1.02523	0.892949	0.967981	1.03308		0.345753	0.797085	-1.25457	0.784111	0.937873	-1.06624	0.743604	1.07967	1.07967	0.787554	1.06512	1.06512	1.05057	0.907648	0.76796	1
cg15832436	ACRG;PARK2;PARK2	0.477673		0.523271	0.817327	-1.2235	0.837448	1.06615	1.06615	0.126295	0.597049	-1.6749	0.836378	0.937551	-1.06661	0.756762	0.907667	-1.10173		0.861136	0.946868	-1.05611	0.111598	0.58358	-1.71356	0.834313	1.06749	1.06749	1.17708	1.56418	1.56418	1.05057	1.61774	1.36878	1
cg05979501	EDN1	0.477694		0.0995862	0.124401	-8.04398	0.419838	1.51417	1.51417	0.0553	1.39958	1.39958	0.39958	0.852575	-1.17292	0.806126	1.1534	1.1534		0.706937	0.803882	-1.24398	0.817423	1.1037	1.1037	0.439469	0.897423	1.07771	1.07771	1.08046	5.5611	4.05955	1
cg13734459	IRE82	0.47695		0.315999	1.60947	1.60947	0.0586189	2.66828	2.66828	0.266421	2.66628	2.66628	0.0901794	0.820202	1.38484	0.704307	1.19129	1.19129		0.991886	1.03502	1.03502	0.849008	1.12756	1.12756	0.770157	0.874351	-1.14371	0.847864	0.923152	1.08324	1.05053	1.53624	1.29676	1
cg07560534	ANP32B	0.477699		0.702529	1.09005	1.09005	0.135064	0.696282	-1.4362	0.197688	1.35794	1.35794	0.258893	1.30301	1.30303	0.5712	0.879332	-1.13723		0.976659	0.993447	-1.0066	0.452712	0.842065	-1.18756	0.917764	0.97706	-1.02348	0.304448	1.26995	1.26995	1.05052	0.840103	0.710848	1
cg16875280	OPA3;OPA3	0.477702		0.571607	0.99087	-1.00919	0.700117	1.04025	1.04025	0.0842042	0.077051	1.35483	0.654818	1.07087	1.07087	0.149499	1.20999	1.20999		0.0920553	1.126	1.126	0.0239313	1.18016	1.18016	0.926718	0.8601	-1.0141	0.949748	1.15772	1.15772	1.05051	0.385186	0.329244	1
cg07032880	FGF9;FGF9	0.477703		0.70102	0.931473	-1.07357	0.122744	1.36031	1.36031	0.50943	1.13108	1.13108	0.215406	1.27117	1.27117	0.538434	1.12144	1.12144		0.753361	1.05972	1.05972	0.295409	0.819008	-1.22099	0.195218	1.28672	1.28672	0.323393	1.2065	1.2065	1.05051	0.563343	0.476672	1
cg05707461	C1orf141	0.477717		0.425482	0.797436	-1.25404	0.34127	0.76127	-1.31359	0.483064	0.822637	-1.21703	0.248735	0.715982	-1.39844	0.0410852	0.519126	-1.92631		0.529649	0.837685	-1.19377	0.997011	0.998958	-1.00104	0.589644	0.859455	-1.16353	0.142265	0.644915	-1.55059	1.0505	1.28722	1.0892	1
cg04902811	LOC102270710	0.477717		0.5997444	0.980298	-1.0201	0.0320136	0.516198	-1.93724	0.685573	0.962807	-1.03863	0.549321	0.852594	-1.17289	0.944655	1.05851	-1.01851		0.633605	0.881264	-1.13473	0.569389	0.959544	-1.16341	0.751589	1.08718	1.08718	0.309453	1.31897	1.31897	1.05049	1.15267	0.973354	1
cg18161670	FAM20C	0.477722		0.956782	0.975015	-1.02562	0.632906	0.798782	-1.25191	0.768052	1.14807	1.14807	0.374094	1.53106	1.53106	0.703758	0.836642	-1.19525		0.291037	0.599568	-1.66787	0.184004	0.51789	-1.93091	0.998434	0.430926	-2.32058	0.383788	1.53732	1.53732	1.05047	3.6263	3.06866	1
cg02078972	PRDM16;PRDM16	0.477728		0.608286	0.827003	-1.20914	0.5204	1.28173	1.28173	0.274222	1.58401	1.58401	0.124565	1.24356	1.24356	0.0911289	1.20399	1.20399		0.725098	0.973055	-1.02711	0.853494	1.08128	1.08128	0.709704	0.812749	-1.23039	0.560449	1.17602	1.17602	1.05046	0.75997	0.642553	1
cg24935651	ANKRD36B	0.477729		0.585766	0.782449	-1.27804	0.957046	1.0243	1.0243	0.734497	0.859199	-1.16388	0.165063	1.93513	1.93513	0.746199	1.15578	1.15578		0.216749	0.560222	-1.78501	0.111689	0.461953	-2.16472	0.6313	0.806096	-1.24055	0.319251	0.632002	-1.58227	1.05046	3.30638	2.79782	1
cg07469647	ECHDC3	0.477734		0.091846	0.194479	-5.15499	0.482001	1.41571	1.41571	0.178455	1.23127	1.23127	0.503833	1.08788	1.08788	0.0158822	0.859707	0.915147	-1.09272		0.601755	0.768045	-1.30201	0.954159	0.971599	-1.02923	0.644272	1.16387	1.16387	0.235506	0.536268	-1.86474	1.05046	4.17926	3.53646	1
cg04173919	PHLDB1;PHLDB1;PHLDB1	0.477734		0.282945	1.52152	1.52152	0.731148	0.878309	-1.13855	0.841762	0.92756	-1.0781	0.244255	1.58137	1.58137	0.998818	1.00056	1.00056		0.375677	0.74781	1.40781	0.237819	1.59233	1.59233	1.05031	1.40423	1.40423	0.1909	1.88988	1.88988	1.05045	2.35459	1.99244	1
cg26344513	CYYR1	0.477747		0.26985	0.455187	-2.1969	0.363808	1.89509	1.89509	0.332572	0.504246	-1.98316	0.95115	1.03928	1.03928	0.0954722	0.285192	-3.50641		0.612136	0.70452	-1.41941	0.351709	0.518665	-1.92803	0.352162	1.92677	1.92677	0.634828	0.720555	-1.38782	1.05043	7.80597	6.60554	1
cg17383334	GABRR3	0.477763		0.210384	0.546021	-1.82933	0.4155	0.715245	-1.39826	0.167738	0.503276	-1.98673	0.906007	1.14425	1.14425	0.0993275	0.913948	-1.09407		0.504725	0.742654	-1.34648	0.0964574	-1.0864	-0.92038	0.255728	0.582334	-1.71717	0.93109	1.03917	1.03917	1.05042	0.54728	0.49768	1
cg13235087	UIX1	0.477764		0.355581	1.19704	1.19704	0.155496	0.750027	-1.33329	0.58075	0.901679	-1.10904	0.352895	1.21164	1.21164	0.950131	1.01191	1.01191		0.56779	1.11548	1.11548	0.156025	1.33273	1.33273	0.807001	0.954734	-1.04741	0.286678	1.23293	1.23293	1.0504	0.595883	0.504261	1
cg13803647	LOC390858	0.477768		0.206206	0.592106	-1.69026	0.210596	0.901359	0.901359	-1.10955	0.743552	0.743552	0.0975407	0.719755	0.719755	0.247946	0.725915	-1.37781		0.546364	0.849133	-1.17764	0.866572	0.985022	-1.01523	0.943539	0.997125	-1.00289	0.98566	1.02033	1.02033	1.05039	0.301996	0.258314	1
cg14525270	TIE1	0.47777		0.243634	1.91022	1.91022	0.558704	0.730715	-1.36852	0.171874	0.462288	-2.16315	0.944160	0.963526	-1.03786	0.997591	1.0016	1.0016		0.591563	1.3329	1.3329	0.132307	2.36717	2.36717	0.247623	1.8989	1.8989	0.830875	1.12016	1.12016	1.05039	4.68223	3.96234	1
cg09850012	LOC388588	0.477777		0.150666	0.471411	-2.12129	0.0929506	0.40559	-2.46554	0.133327	0.453588	-2.20464	0.816279	0.892596	-1.12033	0.148309	0.460062	-2.13191		0.418118	0.667079	-1.49773	0.802215	0.886476	-1.13036	0.357844	0.630249	-1.58667	0.777328	0.870731	-1.14846	1.05037	3.96512	3.35552	1
cg00557520	CLIC1;DOAH2	0.477777		0.689166	1.23953	1.23953	0.487564	0.814141	0.814141	0.16958	0.73744	0.73744	0.0962428	0.582178	-1.71585	0.0373748	0.539025	-1.85478		0.324912	0.580496	-1.72303	0.0377106	0.774303	0.774303	-1.29128	0.844691	1.17476	1.17476	1.22331	1.22331	1.05037	1.17403	1.03472	1
cg09327025	CMTM8	0.47778		0.632074	1.14873	1.14873	0.113526	0.607629	-1.64574	0.851437	0.947538	-1.05537	0.955118	0.982675	-1.01763	0.303823	1.35812	1.35812		0.543733	1.1932	1.1932	0.0970148	1.68797	1.68797	0.799311	0.929393	-1.07597	0.95188	1.0175	1.0175	1.05037	1.37429	1.16301	1
cg01158675	SSC5D	0.477782		0.454924	1.53706	1.53706	0.643813	0.877759	-1.1442	0.0991	1.12127	1.12127	0.503833	1.08788	1.08788	0.0158822	0.859707	0.915147	-1.09272		0.645706	0.798966	-1.25219	0.743814	1.18008	1.18008	0.747423	1.33533	0.960173	1.08556	1.11486	1.05031	1.14169	1.22858	1	
cg27262488	ITCH	0.477782		0.768704	0.97546	1.07546	0.346105	1.27046	1.27046	0.343099	1.27251	1.27251	0.875773	1.03935	1.03935	0.169852	1.43436	1.43436		0.531279	0.85517	-1.16936	0.0918811	0.632666	-1.58061	0.601675	1.11499	1.11499	0.914281	1.02692	1.02692	1.05031	1.01247	0.85687	1
cg15841944	ANKRD23	0.477817		0.644076	0.926661	-1.07914	0.203286	1.24658	1.24658	0.123899	1.31452	1.31452	0.689431	0.936198	-1.06815	0.169855	0.786657	-1.2712		0.712045	1.06274	1.06274	0.58533	0.913544	-1.09464	0.574413	1.0976	1.0976	0.691174	0.936567	-1.06773	1.0503	0.448058	0.3792	1
cg20481369	CTNNA1	0.477818		0.104263	0.158204	-6.31741	0.578027	0.545438	-1.83452	0.0254	0.247094	0.247094	0.0746034	-1.27222	0.784181	0.0150276	0.159973	-6.25097		0.507057	0.754202	-1.32584	0.0496495	0.470994	0.470994	-2.12356	0.954184	1.07319	1.07319	1.16503	0.632792	0.85383	1.17119	1.1503	1.05031	1.79259	1.51711	1
cg07895132	SLFN12L	0.477824		0.461297	1.48201	1.48201	0.948443	0.103439	-1.03439	0.409438	0.15447	1.55447	0.96508	1.06437	1.06437	0.319505	0.583956	-1.71246		0.465974	0.678443	-1.47396	0.350395	0.602949	-1.65902	0.073664	0.83687	1.23687	0.566205	1.35421	1.35421	1.05029	4.54832	3.84938	1
cg10856509	PCYOX1L	0.477825		0.159953	1.59953	1.59953	0.33845	0.55048	1.55048	0.329136	0.8884	1.14109	0.307818

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg06047082	PLEKHG6;PLEKHG6	0.478255	0.682924	0.429733	-1.59761	0.440794	2.45166	2.45166	0.30664	1.34464	1.34464	0.34139	1.05992	1.05992	0.424289	0.394206	-2.53674	0.553097	1.98273	1.98273	0.734744	0.678444	-1.47396	0.1478B2	5.87674	5.87674	0.109617	7.31406	1.04948	21.6305	18.3206	1
cg20390500	TNKS1BP1	0.478258	0.400221	0.772121	-1.29513	0.99251	1.002B2	1.002B2	0.716497	1.11575	1.11575	0.382951	1.30826	1.30826	0.536577	1.19536	1.19536	0.342084	1.34176	1.34176	0.0741B2	1.818	1.818	0.351178	1.33398	1.33398	0.336961	0.742814	1.34623	1.04947	1.49914	1.26975	1
cg17376960	YBX2	0.478267	0.791091	1.06874	1.06874	0.47047	0.832067	-1.20183	0.823144	1.05765	1.05765	0.0429933	1.79556	1.79556	0.345043	1.27574	1.27574	0.427727	1.22477	1.22477	0.491834	0.83961	-1.19103	0.811963	0.942071	-1.06149	0.754063	0.924323	-1.08187	1.04946	1.04212	0.882675	1
cg18787284	SEPT2;SEPT2;SEPT2;HDLBP;SEPT2	0.478267	0.805159	1.07397	1.07397	0.571036	1.17973	1.17973	0.633255	0.870421	-1.14887	0.501386	1.23774	1.23774	0.367795	1.3054	1.3054	0.169327	0.655278	-1.5265	0.408949	1.27611	1.27611	0.192374	0.677433	-1.48935	0.264048	1.39947	1.04946	1.38528	1.17333	1
cg01233324	SAP52	0.478279	0.969264	1.01519	1.01519	0.222866	1.65056	1.65056	0.241291	1.61588	1.61588	0.387448	1.41421	1.41421	0.866379	1.0681	1.0681	0.198731	1.70119	1.70119	0.0456527	2.45105	2.45105	0.58775	1.24023	1.24023	0.367265	1.4367	1.4367	1.04944	2.54396	2.15477	1
cg06048169	PID1L2;PID1L2	0.478282	0.736509	0.818252	-1.22212	0.318122	0.541785	-1.84575	0.603897	0.732808	-1.36461	0.89728	0.926154	-1.07973	0.163689	0.413612	-2.41772	0.684797	0.784745	-1.2743	0.25009	0.489738	-2.04191	0.045638	0.256355	-3.90085	0.223036	0.467418	-2.13941	0.40943	0.586348	0.496649	1
cg01847344	C21orf29	0.478285	0.594427	0.657329	-1.52131	0.417378	0.523358	-1.90093	0.811203	1.20543	1.20543	0.553785	1.5962	1.5962	0.197004	0.344764	-2.90054	0.586886	0.651587	-1.53471	0.0417114	0.159949	-6.25201	0.50716	0.591326	-1.69112	0.869683	1.13677	1.13677	1.04942	10.1314	8.58156	1
cg10193133	TAX1BP1;TAX1BP1	0.478288	0.229241	0.829748	-1.20519	0.485665	0.90064	-1.1032	0.863266	1.03774	1.03774	0.649603	0.931402	-1.07335	0.0739501	1.34412	1.34412	0.469941	0.890664	-1.1487	0.0745164	1.0494	1.0494	0.96592	0.99107	-1.00934	0.338256	1.15722	1.15722	1.04942	0.93668	0.808048	1
cg25322094	FST14	0.478288	0.641787	0.581951	-1.71836	0.0920034	0.65118	0.65118	0.0832756	0.16705	0.16705	0.87079	0.828528	1.20636	0.357176	0.344608	-2.88677	0.996306	0.994664	-1.00536	0.916822	0.886285	-1.1283	0.92217	1.11955	1.11955	0.954479	1.06819	1.06819	1.0494	1.22926	1.18981	1
cg00299230	OGN	0.478304	0.179724	0.472394	-2.11688	0.283017	0.555948	-1.79873	0.317173	1.73326	1.73326	0.345897	1.66679	1.66679	0.142461	0.436143	-2.29283	0.696806	0.813768	-1.22885	0.606744	0.760894	-1.31424	0.465234	0.67628	-1.47868	0.955954	1.0295	1.0295	1.04939	4.60371	3.89959	1
cg07382000	FBN1	0.478315	0.761655	0.779891	-1.28321	0.456346	1.01645	1.01645	0.951264	1.72053	1.72053	0.401749	0.847158	1.18021	0.0509468	1.65378	1.65378	0.455403	0.521873	1.91618	0.446572	1.83431	1.83431	0.216425	0.945419	-1.05763	0.624018	1.24938	1.24938	1.04939	1.09995	0.40194	1
cg14554491	C19orf30	0.478316	0.298114	0.761182	-1.31375	0.758594	0.924972	-1.08111	0.848584	1.04955	1.04955	0.318276	0.770296	-1.2982	0.266174	0.745925	-1.34062	0.144856	1.01766	1.01766	0.628454	1.3113	1.3113	0.0765027	1.6463	1.6463	0.682093	1.10982	1.10982	1.04937	1.06386	0.901162	1
cg18644553	BSN	0.478325	0.236295	0.400478	-2.37824	0.582266	1.47281	1.47281	0.366452	1.91398	1.91398	0.687213	1.32655	1.32655	0.160213	0.550825	-2.45042	0.222514	1.59285	1.59285	0.219115	0.405565	-2.46518	0.272219	0.450284	-2.22082	0.397823	0.564607	-1.83014	0.94936	0.81023	0.686155	1
cg13015485	SKIV2L	0.478331	0.877437	1.0851	1.0851	0.524223	1.4071	1.4071	0.632553	0.870421	-1.14887	0.501386	1.23774	1.23774	0.367795	1.3054	1.3054	0.768884	1.16874	1.16874	0.935168	1.04399	1.04399	0.175368	2.14388	2.14388	0.600528	1.3226	1.3226	1.04934	4.65405	3.94242	1
cg22892432	THRB;THRB	0.478335	0.488509	1.32961	1.32961	0.263529	0.623839	-1.60298	0.323991	0.662077	-1.5104	0.346096	1.48037	-1.48037	0.741026	0.874355	-1.1437	0.968972	0.984176	-1.01587	0.719321	1.15731	1.15731	0.0792996	2.20036	2.20036	0.56245	1.26754	1.26754	1.04933	2.72375	2.30729	1
cg12158136	GUCY2C	0.478337	0.37231	0.655661	-1.52518	0.951976	0.972626	-1.02814	0.634902	0.793723	-1.25988	0.332112	0.609999	-1.63966	0.152306	0.493304	-2.02715	0.98767	1.00697	1.00697	0.410015	0.688885	-1.44952	0.107344	2.2402	2.2402	0.508859	0.734299	1.36184	1.04933	1.5295	2.98985	1
cg04254886	NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2	0.478345	0.79598	1.20369	1.20369	0.267872	0.439509	-2.27526	0.35176	0.505304	-1.97901	0.457837	1.71345	1.71345	0.995944	1.00363	1.00363	0.571673	1.50247	1.50247	0.816059	0.847067	-1.18054	0.07017111	4.23889	4.23889	0.359235	1.95712	1.95712	1.04931	8.43187	7.14276	1
cg21356750	EHMT2;EHMT2	0.478347	0.186251	0.431098	-2.31966	0.965008	1.02669	1.02669	0.68416	1.27836	1.27836	0.931595	0.949755	-1.0529	0.159541	0.40553	-2.46591	0.436586	0.620918	-1.61052	0.108258	0.340204	-2.86366	0.160258	0.406243	-2.46158	0.417514	0.608053	-1.64459	1.04931	5.99187	5.07583	1
cg24760869	ABLIM1;ABLIM1	0.478349	0.108489	0.300794	-3.32453	0.624304	0.725456	-1.37844	0.301332	2.08505	2.08505	0.659988	0.738032	-1.35495	0.544895	0.656755	-1.52264	0.530629	0.64672	-1.54626	0.147847	0.344613	-2.90181	0.29224	0.472466	-2.11656	0.247391	0.436118	-2.29206	1.4693	7.82421	6.62805	1
cg10311501	APC;APC;APC	0.478349	0.168969	0.77233	-1.29476	0.916386	1.05965	1.05965	0.294494	1.21126	1.21126	0.955069	1.00998	1.00998	0.164097	0.701025	-1.42636	0.343485	0.841358	-1.18841	0.226066	0.917077	-1.09042	0.723576	0.93932	-1.0646	0.380853	1.17169	1.17169	1.0493	0.5164O4	0.437457	1
cg14125542	FAM49A	0.478353	0.405986	0.580631	-1.72226	0.0661179	0.267616	-3.73669	0.115424	0.334731	-2.98747	0.488895	1.56766	1.56766	0.552295	1.039	1.039	0.616289	0.72391	-1.38139	0.565612	0.689777	-1.44974	0.605511	0.716647	-1.39539	0.607289	1.28398	1.28398	1.04929	6.79558	5.75675	1
cg04845053	P2RY1;P2RY1	0.478355	0.0900396	1.55284	1.91824	0.579978	1.822504	1.82504	0.135318	0.7936056	1.094211	1.09421	0.400514	1.340796	-1.3499	0.279448	1.74998	0.481644	1.78301	1.78301	0.0254445	1.28825	1.28825	0.49461	0.785209	-1.27355	0.444374	0.763858	-1.30914	1.04929	2.02003	1.71123	1
cg16213217	PHF11;PHF11	0.478355	0.398627	1.76169	1.76169	0.8813	1.10287	1.10287	0.107089	0.315796	-3.1666	0.842886	0.878064	-1.13887	0.349199	0.531797	-1.88042	0.737273	0.802019	-1.24685	0.332388	0.519309	-1.92563	0.284427	0.27226	2.07226	0.360884	1.85055	1.85055	1.04929	7.13574	6.04491	1
cg00142681	UBE2A;UBE2A;UBE2A;UBE2A	0.478359	0.280881	0.134685	-7.42473	0.0659782	0.025148	-39.7646	0.972027	1.06461	1.06461	0.483034	3.57097	3.57097	0.249559	2.41005	2.41005	0.33523	0.1696	-5.89624	?	?	?	0.696584	2.01309	2.01309	0.976301	1.05447	1.05447	1.04039	46.691	44.8805	1
cg19164794	C17orf101;C17orf101	0.478361	0.479934	0.417163	-2.39826	0.923302	1.06125	1.06125	0.56524	1.2951	1.2951	0.381916	0.755157	1.32409	0.198585	0.594548	-2.02715	0.6713	1.29705	1.29705	0.378227	0.84532	-1.18298	0.867766	1.10718	1.10718	0.60768	0.815896	1.22686	1.04926	1.65396	5.23281	1
cg09181473	UBE2N	0.478381	0.810242	0.92419	-1.08203	0.752294	0.901431	-1.10935	0.635485	1.16941	1.16941	0.268461	0.685399	-1.459	0.97733	1.00936	1.00936	0.336285	1.38394	1.38394	0.101455	0.555599	-1.79986	0.344811	1.48595	1.48595	0.451008	1.28621	1.28621	1.04925	1.78495	1.51216	1
cg24873732	PPP1R2C	0.478382	0.321586	0.814113	-1.22853	0.428864	1.37327	1.37327	0.481733	1.18235	1.18235	0.504668	0.872875	-1.14566	0.256331	0.73924	-1.35296	0.329935	0.817007	-1.22398	0.153464	1.06536	1.06536	0.0482386	1.21408	1.21408	0.649121	0.912111	1.09636	1.04924	0.670245	0.567812	1
cg18778721	PCDC7	0.478409	0.853079	0.06815	1.06815	0.892819	1.04911	1.04911	0.154093	1.72048	1.72048	0.743798	0.843521	-1.18551	0.0605342	2.12255	2.12255	0.623101	1.75656	1.75656	0.89835	0.955567	-1.0465	0.364487	1.41166	1.41166	0.444264	0.974736	1.02592	1.04919	2.10157	1.78047	1
cg16273485	HRASLS	0.478412	0.287729	0.729508	-1.37079	0.709705	0.898668	-1.11276	0.725827	0.904295	-1.10583	0.772641	0.920559	-1.0863	0.132996	0.629304	-1.58906	0.625216	1.15104	1.15104	0.326553	0.748704	-1.33564	0.150169	1.55386	1.55386	0.359688	0.764078	-1.30877	1.04919	1.35662	1.14935	1
cg09532804	PIK3IP1;PIK3IP1	0.478421	0.600493	0.835814	-1.19677	0.558465	0.92604	-1.0801	0.755641	1.13951	1.13951	0.294494	1.12126	1.12126	0.955069	1.00998	1.00998	0.164097	0.701025	-1.42636	0.0149493	0.481105	0.778785	-1.28469	0.606493	1.64834	0.0167076	1.15099	0.949234	1.04917	0.567103	0.476545	1
cg16326902	FAM65C;FAM65C	0.478436	0.229142	1.71663	1.71663	0.454931	0.67018	2.67018	0.232237	1.70991	1.70991	0.944251	1.5167	1.5167	0.956449	0.976887	-1.02366	0.46853	1.37136	1.37136	0.846702	0.920465	-1.08641	0.285679	1.60769	1.60769	0.707486	1.17516	1.17516	1.04914	3.04649	2.58115	1
cg15495920	DNAJC5	0.478439	0.560933	0.796254	1.91824	0.579978	1.822504	1.82504	0.135318	0.7936056	1.094211	1.09421	0.400514	1.340796	-1.3499	0.279448	1.74998	0.291793	1.3128	1.3128	0.0618661	1.24645	1.24645	0.199448	0.852353	-1.17292	0.708574	-1.28127	0.703851	1.04913	2.02003	1.71123	1
cg14631462	ZEB1;ZEB1;ZEB1;ZEB1;LOC220930	0.478452	0.398318	0.537767	-1.85954	0.53753	1.56372	1.56372	0.43398	1.7725	1.7725	0.865656	1.12867	1.12867	?	?	?	0.23815	0.410873	-2.43384	0.609953	1.44516	1.44516	0.182421	0.360324	-2.77528	2.725	2.27449	2.27449	1.05489	1.42722	6.16065	1
cg20836795	ANTXR1;ANTXR1;ANTXR1	0.478455	0.789032	0.948553	-1.0539	0.10881	1.40831	1.40831	0.761112	0.942052	-1.06151	0.579101	1.11594	1.11594	0.521827	0.880647	-1.13553	0.422533	1.17396	1.17396	0.0790836	1.46476	1.46476	0.471349	1.15424	1.15424	0.804743	0.952666	-1.04969	1.04911	0.6368O8	0.539555	1
cg04726137	CYGB	0.478458	0.632525	0.7904	1.26572	0.675719	1.52452	1.52452	0.264603	1.75597	1.75597	0.350894	1.10054	1.10054	0.820737	1.1842	1.1842	0.702707	0.70547	1.41745	0.0508093	1.00041	1.00041	0.998	1.00003	1.00003	0.741283	0.690022	0.644923	1.0491	1.54443	1.19917	1
cg13978325	RXRA	0.478459	0.48713	1.1305	1.1305	0.917164	0.982087	-1.01824	0.591182	1.09878	1.09878	0.183591	1.27777	1.27777	0.178221	1.28213	1.28213	0.555001	1.1093	1.1093	0.291116	0.82669	-1.20964	0.957159	1.00938	1.00938	0.104269	1.16144	1.16144	1.0491	0.501526	0.424936	1
cg29902821	OSBP89	0.478463	0.188323	0.636652	-1.57042	0.231225	1.52498	1.52498	0.516864	1.82854	1.82854	0.888164	-1.23737	0.953725	0.981378	1.020136	1.020136	0.579128	-1.72564	0.388164	0.0982328	0.99932	-1.00085	0.999	1.02968	1.02968	0.580588	1.28839	1.28839	1.04937	1.67157	1.41647	1
cg01442239	DLGAP2	0.478464	0.275509	0.63617	-1.56588	0.369931	1.43906	1.43906	0.741429	1.13985	1.13985	0.45081	0.738066	-1.35489	0.188198	0.576248	-1.73537	0.745291	1.13753	1.13753	0.410331	1.39491	1.39491	0.247234	0.619858	-1.61327	0.236237	0.612239	-1.63335	1.04909	2.59646	2.19997	1
cg04705620	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2	0.478465	0.0465875	0.0586381	-17.0538	0.992717	0.988704	-1.01143	0.878094	0.826102	-1.2105	0.195296	0.181812	-5.50018	0.219365	0.200381	-4.99049	0.552821	0.473644	-2.11129	?	?	?	0.841064	0.778885	-1.28389	0.892982	0.845755	-1.18237	1.04018	22.6833	21.807	1
cg00392396	APBA2;APBA2	0.478468	0.0944104	1.2503	1.2503	0.181612	0.427751	1.37751	0.164078	0.539077	1.59077	0.318812	0.519281	1.93283	0.0128705	1.90351	1.90351	0.103805	1.51161	1.51161	0.0601712	0.263881	-3.78958	0.0433095	0.949321	-1.05138	0.773398	0.834084	-1.19882	1.04908	0.953615	0.550941	1
cg10234007	GJA9	0.478468	0.0982642	0.254669	-3.92234	0.590003	-1.69233	0.130877	0.292182	-3.42253	0.723021	1.30789	1.30789	0.127186	0.288169	0.347018	0.589686	0.66321	1.50782	1.50782	0.0977	0.491932	-2.0328	0.785428	0.128855	2.12855	0.549334	0.633199	-1.57928	1.04908	0.4528	0.80937	1
cg21380181	LOC100130872;LOC100130872-SPON2	0.478482	0.276304	1.27897	1.27897	0.0512889	1.61965	1.61965	0.795267	0.945065	-1.05813	0.520703	1.15195	1.15195	0.719969	1.08136	1.08136	0.434092	0.840778	-1.18937	0.20758	1.33476	1.33476	0.841262	1.04454	1.04454	0.986951	0.996453	-1.00356	1.04906	0.784429	0.664664	1
cg14458315	GABBR2	0.478482	0.527336	1.72742	1.72742	0.0251186	1.31323	1.31323	0.521284	1.78448	1.78448	0.874437	-1.16402	0.874437	0.146052	0.712124	-1.40425	0.516571	1.74986	1.74986	0.0404549	0.938396	-1.06503	0.873005	1.14585	1.14585	0.942199	1.0867	1.0867	1.04906	12.0352	10.1977	1
cg26782150	DIP2C	0.478503	0.708206	-1.41242	0.739581	1.18442	1.18442	1.18442	0.74687	1.18832	1.18832	0.502674	1.35681	1.35681	0.633402	1.25644	1.25644	0.520807	1.10573	1.10573	0.151094	0.658242	-1.18225	0.582313	1.0565	1.0565	0.873105	1.18719	1.18719	1.04905	4.27435	3.62176	1
cg06065695	CTNNA2;CTNNA2	0.4785	0.858077	1.05743	1.05743	0.103164	1.74393	1.74393	0.431036	0.778234	-1.28496	0.750019	1.10487	1.10487	0.462301	1.26293	1.26293	0.849744	1.06095	1.06095	0.109873	1.72236	1.72236	0.397252	0.763057	-1.31052	0.738829	0.897111	-1.11469	1.04902	1.61699	1.37016	1
cg15609368	RPIA	0.478505	0.97455	1.01993	1.01993	0.858465	1.02604	1.02604	0.90134	1.13268	1.13268	0.333427	0.559771	-1.85043	0.0764006	1.93427	1.93427	0.500607	1.68304	1.68304	0.142399	0.690474	-1.5009	0.448344	0.960821	-1.04078	0.328448	1.35108	1.35108	1.04902	0.61644	0.53742	1
cg10245608	GADD45G	0.47851	0.205915	0.593964	-1.6836	0.533174	0.781595	-1.27943	0.276822	0.64301	-1.55519	0.260983	0.632738	-1.58043	0.264436	0.635006	-1.57479	0.742218	1.13754	1.13754	0.218231	0.603119	-1.65805	0.067494	0.449418	-2.2251	0.693904	0.856905	-1.16699	1.04901	2.5324	2.14586	1
cg10855081	EMG1	0.478515	0.514153	0.870953	-1.14834	0.938119	1.01626	1.01626	0.766354	1.35982	1.35982	0.662781	0.912892	-1.09542	0.874275	1.01944	1.01944	0.540614	1.60397	1.60397	0.115749	0.287475	0.0980902	-10.1945	0.0695196	0.655948	-1.52451	0.180391	0.792109	-1.26245	0.598774	0.895582	-1.11659	1.049	0.737939	0.687344	1
cg25974442	MAST3	0.478521	0.997191	0.997311	-1.0027	0.342028	0.77869	-1.28421	0.735752	0.917093	-1.0904	0.949628	1.01627	1.01627	0.220239	0.719408	-1.39003	0.177707	1.44192	1.44192	0.264911	1.32037	1.32037	0.169977	0.68835	-1.45275	0.98062	0.993813	-1.00623	1.04898	1.08459	0.910958	1
cg11820517	LOC387763;LOC387763	0.478522	0.221113	0.292427	-3.41966	0.801788	0.786274	-1.27182	0.984697	0.981833	-1.0185	0.875807	1.16126	1.16126	0.966314	1.04119	1.04119	0.856868	0.841488	-1.18837	0.0771868	0.54218	0.542218	0.721212	1.40849	1.40849	0.139456	0.4735	0.4735	1.0488	0.15812	0.12643	1
cg04639800	FAM101A1	0.478522	0.127784	0.760772	1.31464	0.675719	1.52452	1.52452	0.264603	1.75597	1.75597	0.350894	1.10054	1.10054	0.820737	1.1842	1.1842	0.540614	1.60397	1.60397	0.115749	0.287475	0.0980902	-10.1945	0.0695196	0.655948	-1.52451	0.180391	0.792109	-1.26245	1.04898	1.08459	0.910958	1
cg24524524	NXPH3	0.478524	0.906331	0.937946	-1.06616	0.550219	1.38954	1.38954	0.0729389	2.97008	2.97008	0.964436	1.02456	1.02456	0.430057	0.645091	-1.55017	0.662698	0.787521	-1.26981	0.824095	1.12881	1.12881	0.37321	0.608046	-1.64461	0.172695	0.20296	2.20296	1.04898	4.92077	4.16979	1
cg00907920	RHOF1;RHOXF1	0.478525	0.954043	1.01845	1.01845	0.230238	1.49073	1.49073	0.954265	1.04396	1.04396	0.0158585	1.34417	1.34417	1.36218	1.36218	0.982838	0.9932	-1.00585	0.944167	1.36218	1.36218	0.982838	0.9932	-1.00585	0.944167	1.32068	1.32068	0.580588	1.30477	1.28839	1.04897	1.67157	1.41647	1
cg07292116	DGKD;DGKD	0.478535	0.971191	0.97336	-1.02737	0.0784296	0.3129	4.3129	0.0577318	0.97445	0.97445	0.738328	0.778277	-1.28489	0.974735	0.976601	-1.02396	0.991836	0.992379	-1.00768	0.696447	1.34061	0.874211	0.888293	-1.12575	0.849111	0.867934	-1.15216	1.04896	0.28686	7.8697	1
cg12456286	MAP3K10	0.478547	0.797402	0.953442	-1.04883	0.276981	0.810945	-1.23313	0.0962637	1.40282	1.40282	0.758814	0.944521	-1.05874	0.714192	0.934101	-1.07055	0.605898	0.908049	-1.10126	0.357247	0.839056	-1.19182	0.164894	0.759889	-1.31598	0.457378	0.869128	-1.15058	1.04894	0.570633	0.483566	1
cg00835579	THBD	0.478547	0.479266	0.658333	-1.51883	0.0729403	0.667104	1.50004	0.0857	0.2.1.1	2.1.1	0.747214	-1.1383	0.212262	0.45467	-2.19218	0.982838	0.9932	-1.00585	0.944167	-1.1383	0.212262	0.45467	-2.19218	0.982838	0.9932	-1.00585	0.944167	0.974117	0.574245	-1.74043	0.313161	0.973377	-1.02716	1.04893	0.549324	0.520163	1
cg14594063	ADAM12;ADAM12	0.478552	0.615235	0.782287	-1.2783	0.790831	0.13745	2.13745	0.406019	1.50962	1.50962	0.401178	0.659467	-1.51638	0.0807034	0.391468	-2.55449	0.364061	0.636414	-1.5713	0.211799	0.533265	-1.87524	0.580568	0.988269	-1.01187	0.211493	0.528481	-1.89222	1.04893	3.89959	3.30462	1
cg07215603	FLNB;FLNB;FLNB;FLNB	0.478553	0.926163	1.0824	1.0824	0.374103	1.10838	1.10838	0.993706	1.0029	1.0029	0.119838	0.534884	-1.87004	0.0193706	1.87004	1.87004	0.926163	1.0824	1.0824	0.374103	1.10838	1.10838	0.993706	1.0029	1.0029	0.119838	0.534884	-1.87004	0.0193706	1.87004	1.87004	1.04893	2.29491	1.99473	1.72483	1
cg02627240	TPK1;TPK1	0.478557	0.12749	0.0960955	-10.4063	0.685001	0.560089	-1.78543	0.363221	3.77423	3.77423	0.406161	0.301609	-3.31555	0.736371	0.618617	-1.61651	0.483753	0.36366	-2.74982	0.225253	0.163608	-6.11216	0.471312	0.352922	-2.83349	0.237628	0.80293	1.80293	1.04892	0.53612	0.28441	1
cg21612334	SLC43;SLC43	0.478572	0.170636	0.494213	-2.02342	0.79911	0.884101	-1.13109	0.637811	1.25739	1.25739	0.594499	0.771415	-1.29632	0.604391	0.776886	-1.28719	0.845118	0.909854	-1.09908	0.0474538	0.334448	-2.99001	0.469559	0.663813	-1.50645	0.506149	1.38519	1.38519	1.04889	3.87587	3.28464	1
cg20804345	TWF1	0.478575	0.253215	0.709681	-1.41003	0.673719	1.5452	1.5452	0.264603	1.75597	1.75597	0.350894	1.10054	1.10054	0.820737	1.1842	1.1842	0.540614	1.60397	1.60397	0.115749	0.287475	0.0980902	-10.1945	0.0695196	0.655948	-1.52451	0.180391	0.792109	-1.26245	1.04889	1.08126	0.746835	1
cg08468772	PSD2	0.478579	0.295287	0.655703	-1.52508	0.189887	1.71585	1.71585	0.119212	1.93	1.93	0.72476	0.871563	-1.14736	0.686588	1.17085	1.17085	0.818544	0.914518	-1.09347	0.158019	1.79846	1.79846	0.62021	1.2144	1.2144	0.756913	1.12833	1.12833	1.04888	2.51187	2.12873	1
cg13544195	LRP1	0.478582	0.791153	1.0499	1.0499	0.0700839	1.66316	1.66316	0.525331	0.657579	0.801984	-1.24691	0.797398	1.12708	1.12708	0.0903574	1.56161	0.453015	0.82686	-1.20959	0.203543	0.108008	2.10008	2.10008	0.0992647	0.580588	-1.72407

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07596120	C22orf32	0.479081	0.0560145	3.00979	0.100979	4.488298	1.43105	1.41035	0.947501	0.9670934	-1.03409	0.66092	1.30236	1.30675	0.81884	1.12388	1.12388	0.0733151	2.76377	2.76377	0.603482	1.30571	1.30571	0.7433578	0.8940002	-1.18203	0.8901228	1.0729	1.07229	1.04803	4.30136	3.6482	1
cg08248330	KIF17;KIF17	0.479039	0.406033	0.803221	-1.24499	0.217872	0.715952	-1.39674	0.106013	0.634381	-1.57632	0.160849	0.679705	-1.47123	0.967363	1.01061	1.0106	0.534507	0.850308	-1.17605	0.862181	1.04581	1.04581	0.1699914	0.6860224	-1.45767	0.20686	0.709524	-1.4094	1.04802	1.10295	0.935477	1
cg13503143	SH3PF3	0.479045	0.9949932	0.998444	-1.00156	0.418468	1.224478	1.22478	0.834339	1.0527	1.0527	0.61565	0.883255	-1.13218	0.1140388	1.52434	1.52434	0.0782342	1.61579	1.61579	0.265542	1.32917	1.32917	0.8015533	0.9400092	-1.06373	0.3829571	1.24535	1.24535	1.04801	0.9983558	0.8467779	1
cg22814884	CCDC87;CZS	0.479049	0.129651	0.570613	-1.7525	0.259253	1.496758	1.49678	0.284399	1.46384	1.46384	0.4160511	0.752562	-1.32879	0.3162644	0.70114	-1.42625	0.993821	1.02887	1.02887	0.3157737	0.70085	-1.42684	0.8163833	0.9233156	-1.08301	0.6229403	0.846516	-1.18131	1.048	1.94904	1.65313	1
cg10335067	WDR80;WDR80	0.47905	0.9402003	1.06679	1.06679	0.338171	0.427062	-2.34158	0.560994	0.559831	-1.78625	0.181012	3.4002	3.4002	0.879444	1.13967	1.13967	0.904825	1.10858	1.10858	0.442036	2.02035	2.02035	0.0761276	5.47748	5.47748	0.413274	2.05603	2.05603	1.048	2.32355	10.4542	1
cg21664241	C18L;LOC283314	0.479079	0.9003882	0.936075	-1.06828	0.194079	0.471759	-2.15973	0.0400171	0.273128	-1.66129	0.509287	1.44207	1.44207	0.708867	0.81457	-1.22764	0.957128	1.02983	1.02983	0.99017	0.623765	1.60317	0.772153	0.8533098	-1.17206	0.771515	1.1726	1.1726	1.04794	4.96275	4.20952	1
cg15817967	SNRNP70	0.479089	0.871997	1.02666	1.02666	0.785678	0.956504	-1.04547	0.649777	0.928133	-1.07743	0.570887	1.09795	1.09795	0.236021	1.22458	1.22458	0.827806	0.965083	-1.03618	0.101666	0.746503	-1.33958	0.508765	0.896405	-1.11557	0.134568	0.768571	-1.30112	0.74092	0.942105	0.874735	0.374739	1
cg07771538	SEPT5;SEPT5	0.479091	0.063947	1.864418	1.864418	0.674043	1.13489	1.13489	0.552527	1.16865	1.16865	0.156131	1.53432	1.53432	0.595162	1.17392	1.17392	0.453566	1.25655	1.25655	0.342104	2.06206	2.06206	1.340008	1.943008	0.476556	1.340374	1.24374	1.24374	0.9914801	1.74221	1.74221	0.74092	1.48405	1.20959	1
cg13424870	SLC16A5	0.479093	0.141128	3.153559	3.153559	0.048294	2.643303	2.64303	0.303582	2.16883	2.16883	0.187665	2.74683	2.74683	0.170196	3.02754	3.02754	0.542781	1.56372	1.56372	0.187472	2.75634	2.75634	0.310572	2.14127	2.14127	0.121677	3.37908	3.37908	0.74092	8.74023	7.41384	1
cg27366395	CHADL;L3MBTL2	0.479093	0.4420221	0.683687	-1.46266	0.204565	1.914335	1.91435	0.818118	1.11822	1.11822	0.964766	0.9788	-1.02166	0.1200301	0.441236	-2.26636	0.125263	0.447141	-2.23643	0.577476	0.761105	-1.31388	0.543437	0.742053	-1.34761	0.636426	0.793761	-1.25983	1.04792	3.90514	3.31251	1
cg12521790	SYP	0.479098	0.1789097	2.164459	2.164459	0.102536	2.166207	2.16621	0.184507	2.044164	2.044164	1.09695	1.09695	1.09695	0.147207	1.54842	1.54842	0.12611	1.23423	1.23423	0.833364	1.45186	1.45186	1.305157	0.6940291	1.441012	1.441012	0.8768443	1.21658	1.21658	1.04791	26.5223	22.4976	1
cg17738010	TTC15	0.479101	0.13942	2.73782	2.73782	0.188829	2.414663	2.41463	0.960658	1.03173	1.03173	0.904852	0.9270175	-1.07866	0.214385	2.28808	2.28808	0.619781	1.37261	1.37261	0.1811729	3.40164	3.40164	0.2726021	2.06073	2.06073	0.481093	1.57378	1.57378	1.0479	6.65459	5.64479	1
cg21766155	CIT	0.47912	0.700015	0.849161	-1.18552	0.68602	1.1956	1.1956	0.628232	0.80703	-1.23911	0.0876227	0.456372	-2.09057	0.214106	0.562721	-1.77708	0.6518	0.818991	-1.22101	0.3202116	0.553213	-1.80762	0.753565	1.14948	1.14948	0.1360851	0.9944496	-2.02226	1.04787	3.0566	2.72018	1
cg03326125	WSCD2	0.479122	0.794943	1.2102	1.2102	0.0871783	1.98866	1.98866	0.138038	1.30715	1.30715	0.591558	1.48733	1.48733	0.646374	1.40269	1.40269	0.792298	1.21326	1.21326	0.205779	0.376173	-2.65835	0.841702	0.8637484	-1.15774	0.859344	1.13875	1.13875	1.04786	8.90464	7.55369	1
cg14002345	PAX6;PAX6;PAX6	0.479124	0.67564	0.804347	-1.24324	0.51477	1.40745	1.40745	0.878541	1.08234	1.08234	0.340008	0.603907	-1.65588	0.416046	0.650454	-1.53739	0.086157	2.66556	2.66556	0.569223	1.34668	1.34668	0.3493803	1.64735	1.64735	0.254422	1.85097	1.85097	1.04786	4.44264	3.76865	1
cg22563742	IQSEC3;IQSEC3	0.479125	0.9949099	0.923164	-1.08318	0.624587	1.515191	1.51519	0.561328	0.779164	-1.28354	0.663828	1.794264	1.79426	0.443348	0.553828	1.80596	0.641509	0.752534	-1.32959	0.220093	0.659488	-1.51624	0.483922	0.6836559	-1.46266	0.724755	0.910826	-1.09831	1.04785	2.72485	2.31452	1
cg21201435	FSD1L;FSD1L;FSD1L	0.479129	0.3403882	0.832492	-1.20121	0.158887	0.755056	-1.3244	0.284658	0.812718	-1.23044	0.0444374	0.650055	-1.53833	0.915121	1.02009	1.02009	0.772858	0.947369	-1.05555	0.888992	1.0264	1.0264	0.942704	1.0135	1.0135	0.517744	0.884829	-1.13016	1.04785	0.577774	0.490124	1
cg21246340	FBLN2;FBLN2;FBLN2	0.47913	0.199179	0.501546	-1.99383	0.915005	0.947143	-1.05581	0.59686	0.76212	-1.31196	0.439716	1.49309	1.49309	0.054197	0.328992	-3.03959	0.671994	0.805222	-1.24169	0.906672	0.579518	-1.72551	0.503576	0.585157	-1.71948	0.559659	0.795557	-1.35951	1.04785	4.294	3.6426	1
cg11075227	HDHD1A;HDHD1A	0.479133	0.182243	0.712778	0.712778	0.400574	1.44823	1.44823	0.250045	1.33307	1.33307	0.13307	0.7754	-1.33803	0.077041	0.832141	0.950504	1.020025	2.238124	1.744139	-1.34583	0.916292	1.08618	-1.12844	0.6081442	0.8836559	-1.13166	0.724755	0.931826	-1.08823	1.04785	0.949239	0.850241	1
cg12482809	MAPRE2;MAPRE2;MAPRE2	0.479138	0.425515	1.34659	1.34659	0.30147	1.47918	1.47918	0.248948	1.55376	1.55376	0.620967	1.19994	1.19994	0.830683	0.924683	-1.08145	0.549837	0.801508	-1.24765	0.257631	0.649216	-1.54032	0.184257	0.597476	-1.67371	0.414088	0.736895	-1.35704	1.04783	2.21919	1.88257	1
cg20983647	PTPN2;PTPN2;PTPN2	0.479139	0.589181	0.885284	-1.12937	0.736847	1.093172	1.09317	0.812344	1.07466	1.07466	0.744664	-1.14109	0.256681	0.767541	-1.30296	0.664725	1.004128	1.00771	1.00771	0.115287	1.46614	1.46614	0.669904	0.9084744	-1.10055	0.240818	0.763083	-1.31392	1.04783	0.828745	0.703035	1
cg21913981	MIR1178;CIT	0.479141	0.596229	1.51763	1.51763	0.174123	0.08917	0.089917	0.22968	2.67313	2.67313	0.837454	0.8519528	-1.17381	0.903661	1.09912	1.09912	0.612087	0.671032	-1.49024	0.127443	0.276417	-3.61772	0.836505	1.17493	1.17493	0.347972	0.470556	-2.12515	1.04783	3.10998	8.56782	1
cg10313675	C1orf74;C1orf74	0.479142	0.717501	1.161587	1.161587	0.5139	1.03198	1.03198	0.107758	0.853388	0.853388	0.164888	0.2693	-3.71432	0.0128325	0.744022	0.93097	1.075241	1.03825	1.03825	0.794427	0.722531	1.38408	0.7224	0.9273506	-1.07839	0.184661	1.1622	1.1622	1.04783	0.20923	0.180527	1
cg09666417	DNAJC18	0.479145	0.193909	0.692934	-1.44314	0.619757	0.875035	-1.14281	0.497555	0.832108	-1.20177	0.985272	0.995086	-1.00494	0.845631	0.949309	1.0534	0.528365	0.843263	-1.18587	0.206804	0.70095	-1.42664	0.150453	1.50882	1.50882	0.188684	0.689581	-1.45016	1.04782	1.18194	1.00267	1
cg14357226	FBXO33	0.479161	0.278429	1.41297	1.41297	0.101825	0.577328	-1.73212	0.947521	0.980011	-1.0204	0.4593	2.2263	2.2263	0.247478	1.44903	1.44903	0.263327	1.43002	1.43002	0.71367	0.893112	-1.11968	0.811984	0.9295144	-1.07583	0.680074	1.03563	1.13563	1.04779	1.56136	1.32458	1
cg25553791	SEPT9;SEPT9	0.479171	0.154212	0.187578	-5.33112	0.889853	1.16421	1.16421	0.910253	1.1317	1.1317	0.17161	0.93759	0.93759	0.345065	0.344018	-2.90682	0.156288	0.189377	-5.28047	0.420306	0.405185	-2.46801	0.855901	0.819178	-1.22074	0.528926	0.496623	-2.0136	1.04777	19.9785	16.949	1
cg13121190	SSC5D	0.479183	0.8094605	1.18004	1.18004	0.419213	1.02559	1.02559	0.240203	0.646	0.646	0.18774	-1.38774	0.215857	0.86557	2.86557	2.86557	0.665342	0.683398	-1.46327	?	?	1.0098	0.9940342	0.9833547	-1.01705	0.6412	1.53828	1.53828	0.615345	10.2783	8.53221	1
cg03884132	GREM1	0.479183	0.307838	0.498556	-2.00579	0.973224	0.978111	-1.02238	0.402265	1.75988	1.75988	0.129839	0.3334	-2.9994	0.215369	0.423208	2.3629	0.135264	0.345884	-2.89114	0.932941	1.05706	1.05706	0.138136	1.19053	1.19953	0.004083	1.08209	1.08209	1.04775	7.21518	6.12118	1
cg08674025	TTC38	0.479182	0.0813959	0.583858	-1.71274	0.902684	0.966501	-1.03466	0.940712	0.979493	-1.02094	0.785105	0.926689	-1.07911	0.212939	0.69392	-1.44109	0.347696	0.763972	-1.30895	0.287125	0.734995	-1.36055	0.549589	1.18371	1.18371	0.3568803	1.30214	1.30214	1.04775	1.28767	1.09243	1
cg05460781	C1orf159	0.479185	0.0746078	0.637409	-1.56882	0.499513	0.259	-1.4912	0.0905955	0.0849	-1.1049	0.04	0.1049	0.1049	0.0496146	0.0113	-8.8485	0.0352539	0.912814	-1.09551	0.464335	0.19569	-5.10997	0.220389	0.22289	-4.48655	0.722204	0.192323	0.104515	0.0041173	1.04775	0.0729	0.641297	1
cg11400650	MIR548H4;NOX5 RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAI N;RPAIN;NUP88;RPAIN;RPAIN;RPAIN;R	0.479194	0.713544	0.824666	-1.21261	0.474876	0.6839	-1.4622	0.62299	0.771761	-1.29573	0.522521	0.535068	-1.86892	0.6084517	0.34421	-2.90521	0.160631	0.45677	-2.18929	0.111299	0.403762	-2.4767	0.64746	0.786054	-1.27218	0.969189	1.0204	1.0204	1.04773	4.5362	3.84849	1
cg11829380	PAIN;RPAIN;RPAIN;RPA	0.479196	0.823439	1.26944	1.26944	0.844064	0.815487	-1.22626	0.661636	0.633731	-1.57796	0.148967	0.96804	-1.06804	0.250575	1.46764	1.46764	0.361141	1.3662	1.3662	0.868584	0.959911	-1.04174	1.26376	0.2992319	-1.34303	0.1960394	1.42009	1.42009	1.04772	17.8007	15.1021	1
cg26547296	SEC14L1;SEC14L1;SEC14L1	0.479202	0.3016383	0.775576	-1.28936	0.59227	1.17568	1.17568	0.608374	1.13355	1.13355	0.177275	1.40572	1.40572	0.144555	1.20702	1.20702	0.5506523	0.866404	1.1542	0.444222	0.830907	-1.2035	0.12645	1.48087	1.48087	0.412263	1.22029	1.22029	1.04771	0.9358872	0.794001	1
cg05004337	DIS3;DIS3;PIBF1	0.479202	0.893611	0.953	-1.04932	0.0523081	0.452012	-2.21233	0.801405	0.913313	-1.09492	0.499823	1.27945	1.27945	0.611353	0.831629	-1.20246	0.431161	1.33518	1.33518	0.639375	1.18506	1.18506	0.620694	0.835711	-1.19659	0.222046	0.630191	-1.58682	1.04771	2.14787	1.82227	1
cg03127444	CDL4A1;CDL4A2;CDL4A2	0.479209	0.2220464	0.674968	-1.48093	0.267457	0.92747	-1.08037	0.641654	1.09695	1.09695	0.170703	1.29752	0.513529	0.2709	-3.69155	0.0178	0.099036	0.445447	-2.24488	0.443964	0.738136	-1.35476	?	0.0155359	1.26206	0.1078777	0.20602	0.121369	1.04771	0.0126	0.0113	0.0113	1
cg14934821	GPSM1;GPSM1	0.47922	0.529646	0.682989	-1.46415	0.0961945	0.98577	-1.98577	0.419297	1.63906	1.63906	0.953756	1.03533	1.03533	0.149507	0.396396	-2.52273	0.662824	0.768972	1.30044	0.393332	0.592402	-1.68804	0.830802	0.879742	-1.1367	0.597062	0.726555	-1.37636	1.04768	5.94924	5.04754	1
cg08242820	DDX3X	0.479231	0.525703	1.39959	1.39959	0.836798	1.113386	1.11386	0.316482	1.71844	1.71844	0.0576008	3.07267	3.07267	0.474657	1.46244	1.46244	0.82863	1.12	1.12	0.958801	0.973354	-1.02738	0.087986	2.67614	2.67614	0.78118	0.864518	-1.15671	1.04766	4.53511	3.84762	1
cg20700510	MARCH8;MARCH8	0.479247	0.1882374	0.31941	0.31941	0.0152528	1.13516	1.13516	0.376204	1.31401	1.31401	0.8654	1.24685	1.24685	0.468318	1.27509	1.27509	0.2143	0.866404	1.1542	0.444222	0.830907	-1.2035	0.12645	1.48087	1.48087	0.412263	1.22029	1.22029	1.04766	1.26206	1.08787	1
cg04034557	PTPN12;PTPN12;PTPN12	0.479248	0.719992	1.11884	1.11884	0.980277	1.00774	1.00774	0.241847	1.46542	1.46542	0.490643	0.803802	-1.24409	0.037426	0.49265	2.02984	0.788532	0.919559	-1.08748	0.860645	0.946661	-1.05634	0.618733	1.16941	1.16941	0.54677	1.20953	1.20953	1.04763	1.61457	1.36992	1
cg00040312	HOXC4;HOXC5	0.479262	0.5546424	0.719582	-1.38938	0.624587	1.391551	1.39155	0.513642	1.26455	1.26455	0.394172	1.16495	1.16495	0.781064	1.1408	1.1408	0.446757	0.693597	1.44165	0.746794	0.693597	1.44165	0.226262	1.83562	1.83562	0.0415759	1.732932	1.732932	1.04762	1.02482	0.851539	1
cg18256377	TGIF2	0.479268	0.293298	0.705713	-1.41701	0.391539	1.32402	1.32402	0.953013	1.01902	1.01902	0.470182	1.26477	1.26477	0.324894	0.722512	-1.38406	0.715016	0.88937	-1.12439	0.678895	0.875383	-1.14236	0.7056603	1.88173	1.88173	0.5786511	1.19645	1.19645	1.04759	1.69597	1.43904	1
cg22146312	DHX34	0.479282	0.49402	0.937397	-1.06678	0.71371	1.01406	1.01406	0.0956272	1.18468	1.18468	0.671902	1.18468	1.18468	0.671902	0.985369	-1.01469	0.992355	1.00197	1.00197	0.913737	0.914955	-1.09315	0.787607	1.03655	-1.16486	0.8107	0.908838	1.08838	1.08838	1.04759	0.117106	0.116336	1
cg08081869	ITSN2;ITSN2;ITSN2	0.479287	0.381893	0.49335	-2.03935	0.3804165	0.947653	-1.06154	0.5522	1.2535	1.2535	0.636	0.5581656	0.5581656	0.0838376	2.2209553	2.2209553	0.5703252	1.22636	1.22636	0.502085	0.737397	-1.35612	0.377022	0.4984	2.00644	0.4896724	0.867524	1.07751	1.07751	1.04759	1.31771	2.81511	1
cg04630639	FSCN1	0.479272	0.520595	0.84924	-1.17752	0.300046	1.30931	1.30931	0.06242335	1.69261	1.69261	0.405903	1.23785	1.23785	0.956647	1.01374	1.01374	0.666667	1.11488	1.11488	0.110384	1.54744	1.54744	0.745624	1.08511	1.08511	0.64407	1.12384	1.12384	1.04758	1.0448	0.886526	1
cg04821942	DOCK9;DOCK9;DOCK9;DOCK9	0.479287	0.5853037	0.667659	-1.49797	0.179204	0.776786	1.29629	0.645198	1.24149	1.24149	0.863304	0.881351	-1.13479	0.381972	1.35966	1.35966	0.387958	0.802754	-1.24597	0.325908	0.475434	-2.10367	0.450058	0.758251	-1.31827	0.178868	0.918172	1.09169	1.04757	1.75821	1.56769	1
cg18140760	MAP3K6;MAP3K6	0.47928	0.4114417	0.780887	-1.2589	0.887423	1.04098	1.04098	0.235988	1.42207	1.42207	0.947774	0.981598	-1.01875	0.780959	0.924005	1.08225	0.939855	0.978831	-1.02163	0.203664	0.683577	-1.46289	0.0963161	1.67823	1.67823	0.452304	1.24247	1.24247	1.04757	1.33282	1.13178	1
cg20227255	SRF	0.479284	0.1052251	0.637736	-1.56799	0.200998	1.42847	1.42847	0.459534	0.82544	-1.21089	0.527659	0.84991	-1.17657	0.796421	0.936422	-1.06789	0.921912	0.975393	-1.02523	?	?	0.796675	0.9164498	0.9164498	-1.06781	0.318547	1.29947	1.29947	1.04753	0.9408473	0.908973	1
cg01856550	PDCD6	0.479293	0.523563	0.679269	-1.47216	0.2823	1.22823	1.22823	0.607655	1.05605	1.05605	0.114408	0.22706	0.22706	0.076026	0.707869	0.707869	0.31225	0.479979	-2.08342	0.403721	1.41661	1.41661	0.2436859	1.09024	1.09024	0.6030346	1.23786	1.23786	1.04752	2.17714	1.8896	1
cg06126335	LIMK1	0.479293	0.680406	1.12785	1.12785	0.510487	0.283737	-1.21398	0.0943391	1.70613	1.70613	0.291539	1.37427	1.37427	0.399376	1.28482	1.28482	0.754405	0.91287	-1.09545	0.559466	0.842448	-1.18702	0.803807	0.930278	-1.07495	0.150099	1.56544	1.56544	1.04754	1.39998	1.18795	1
cg10560423	TANC1;TANC1	0.479294	0.488866	0.733557	-1.36381	0.316581	0.22337	-2.22837	0.638227	0.796418	1.25583	0.384172	1.26495	1.26495	0.203562	1.20362	1.20362	0.675711	1.10336	1.10336	0.684922	1.45604	1.45604	0.2479234	1.28655	1.28655	0.958609	1.02482	1.02482	1.04753	1.05159	0.864473	1
cg09422892	ZNF782	0.479299	0.63974	0.869541	-1.15003	0.489293	0.811979	-1.23156	0.535702	0.830294	-1.20439	0.91491	1.0322	1.0322	0.237297	0.692724	-1.44358	0.740572	0.906171	-1.10354	0.0242873	0.451043	-2.21708	0.419127	0.782865	-1.27736	0.598705	0.8543	-1.17055	1.04753	1.14585	1.23788	1
cg22146312	DHX34	0.479312	0.94282	1.0149	1.0149	0.142507	1.38419	1.38419	0.305052	1.2445	1.2445	0.494792	1.1537	1.1537	0.197607	1.10083	1.10083	0.992355	1.00197	1.00197	0.913737	0.914955	-1.09315	0.787607	1.03655	-1.16486	0.8107	0.908838	1.08838	1.08838	1.04753	0.117106	0.116336	1
cg22360964	SNTG2	0.479312	0.607097	0.858829	-1.16438	0.898132	0.963118	-1.03829	0.903719	0.965117	-1.03614	0.374587	0.765368	-1.30656	0.795026	0.926458	1.07938	0.573712	1.1036	1.1036	0.0324656	0.28453	-3.51475	0.0933001	-1.07181	0.566114	0.843515	-1.18551	1.04751	1.42818	1.21192	1
cg06493080	HOXB7;HOXB7	0.479324	0.0790936	0.570772	-1.75201	0.518007	1.20744	1.20744	0.437424	0.796249	-1.25589	0.702421	1.11674	1.11674	0.172602	0.768524	-1.30119	0.501056	0.821662	-1.21705	0.275402	0.721538	-1.38593	0.343411	1.3241	1.3241	0.872951	1.04711	1.04711	1.04749	1.37247	1.16467	1
cg09933726	AIP	0.479324	0.585307	0.667659	-1.49797	0.179204	0.776786	1.29629	0.645198	1.24149	1.24149	0.863304	0.881351	-1.13479	0.381972	1.35966	1.35966	0.387958	0.802754	-1.24597	0.325908	0.475434	-2.10367	0.450058	0.758251	-1.31827	0.178868	0.918172	1.09169	1.04749	1.75821	1.56769	1
cg07086565	TMEM187;HFC1	0.479332	0.178039	0.157319	-6.3565	0.857648	0.792922	-1.26116	0.952135	1.08066	1.08066	0.33444	0.85064	0.85064	0.541377	0.449787	-2.22327	0.107787	0.103527	-9.6593	0.579175	0.484827	-2.06259	0.97403	0.958804	-1.04297	0.848801	0.781411	-1.27974	1.04747	27.7061	23.5114	1
cg06264208	NAGA;NAGA	0.479336	0.267926	-1.20755	0.0879754	0.0833934	0.725926	-1.37755	0.0804043	0.0804043	-1.33342	0.0803803	0.0804043	0.0804043	-1.33342	0.0803803	0.0804043	0.0804043	0.0804043	-1.33342	0.0803803	0.0804043	0.0804043	-1.33342	0.0803803	0.0804043	0.0804043	-1.33342	0.0803803	0.0804043	0.0804043	-1.33342	0.0803803	0.0804043	0.0804043	0.0804043

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Probeset ID	UCSC_REFGENE_NAME NME2;NME2;NME2;NME1-NME2	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. N)	p-value(1119 vs. N)	Fold-Change(1119 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1121 vs. N)	Fold-Change(1121 vs. N)	p-value(1217 vs. 21T vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. 47T vs. N)	Fold-Change(3537 vs. N)	p-value(3583 vs. 53T vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5 vs. 37T vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. 63T vs. N)	F(Error)	SS(Test)	SS(Error)
cg09137772	NME2;NME2	0.479819	0.141173	0.3910398	-2.5569	0.095431	2.9586	2.9586	0.366618	1.73366	0.173566	0.571158	1.40429	1.40429	0.163403	0.572526	-1.74665	0.911887	0.936441	-1.06787	0.6692995	1.0231	1.0231	0.833823	0.88282	-1.13273	0.91201	1.05192	1.05192	1.04657	5.83345	4.95457	1
cg14190889	HLA-H	0.47982	0.458939	0.737066	-1.35673	0.749495	0.878445	-1.13838	0.0672789	0.436234	-2.29235	0.150103	0.535716	-1.86666	0.478163	0.746971	-1.33874	0.754437	0.880784	-1.13535	0.473169	0.744411	-1.34334	0.369656	0.45169	1.45169	0.311284	0.654555	-1.52776	1.04656	2.71283	2.30412	1
cg15057554	PTPN2;PTPN2;PTPRN2	0.479821	0.299743	1.27585	1.27585	0.202096	0.73689	-1.35705	0.954521	1.01301	1.01301	0.517758	1.16027	1.16027	0.650677	0.901824	-1.10887	0.309212	0.787762	-1.26942	0.1090054	1.48608	1.48608	0.935274	1.01858	1.01858	0.663639	0.905567	-1.10428	1.04656	0.851753	0.72343	1
cg01518246	FURT1;MACROD1	0.479825	0.283977	0.553912	-1.80534	0.031645	0.262504	-3.80947	0.313823	0.575299	-1.73823	0.906901	0.939797	-1.06406	0.542228	0.72078	-1.38739	0.410862	0.63998	-1.56255	0.794597	1.14852	1.14852	0.83009	0.892212	-1.12081	0.816651	1.13118	1.13118	1.06426	4.66883	3.96546	1
cg23922914	TGDS;TGDS	0.479843	0.702869	1.10462	1.10462	0.467233	1.21174	1.21174	0.323035	1.30345	1.30345	0.680889	0.8982003	-1.11353	0.62147	0.878781	-1.13794	0.777429	0.920065	-1.07635	0.1144001	0.639935	-1.56266	0.154417	1.48553	1.48553	0.456321	1.21771	1.21771	1.06454	1.11723	0.94883	1
cg06609295	CDC42BPB	0.479835	0.779885	1.1798	1.1798	0.683638	1.27354	1.27354	0.690474	0.789599	-1.26647	0.56926	1.40422	1.40422	0.271081	0.508529	-1.96646	0.873679	0.910372	-1.09845	0.0785764	0.315672	-3.16784	0.992825	1.00532	1.00532	0.111031	0.35893	-2.78606	0.46554	5.77322	4.90356	1
cg22441683	ANO9;ANO9;PLEKHA9;ANO6 PARP9;DTX3L;PARP9;PARP9;PARP9;PARP9;PAR	0.479839	0.972235	1.0036	1.0036	0.222133	0.876029	-1.14151	0.693708	1.0167	1.04167	0.264518	0.886907	-1.12751	0.426835	0.08729	-1.08729	0.562695	1.06223	1.06223	0.176262	0.862166	-1.15987	0.295774	1.11833	1.11833	0.460424	1.0806	1.0806	0.45653	0.176362	0.149796	1
cg04154825	P9;PARP9;DTX3L	0.479844	0.683285	0.905157	-1.10478	0.0771227	0.620368	-1.61195	0.990831	1.0028	1.0028	0.367046	0.798436	-1.25245	0.213698	0.727556	-1.37447	0.132436	0.674075	-1.48352	0.717	0.915369	-1.09246	0.813942	1.05894	1.05894	0.548572	1.15889	1.15889	1.04652	0.978095	0.830771	1
cg04935121	MACROD1	0.479845	0.195452	1.18854	1.18854	0.26304	0.4908	1.34375	1.34375	0.281429	2.90449	0.619227	1.85982	1.85984	0.23092	2.90468	-3.3902	0.379006	2.99928	2.99928	0.282815	0.257139	-3.88895	0.983614	1.02531	1.02531	0.235614	4.53874	4.53874	1.04652	24.548	20.8506	1
cg23930328	CLEC18;CLEC18;CLEC18;CLEC1B	0.47985	0.336792	1.24243	1.24243	0.814702	1.05281	1.05281	0.694724	0.917179	-1.0903	0.325528	0.749221	1.24921	0.56328	0.879782	-1.13664	0.582995	0.885563	-1.12922	0.432927	1.19173	1.19173	0.585448	1.59747	1.59747	0.536818	0.871897	-1.14692	1.04651	0.796293	0.67636	1
cg13930138	CRIG2	0.479862	0.242669	0.824548	-1.21278	0.704096	1.06205	1.06205	0.931774	1.0156	1.0156	0.602657	1.0864	1.0864	0.833188	1.03384	1.03384	0.582095	0.887553	-1.12922	0.432927	1.19173	1.19173	0.585448	1.59747	1.59747	0.536818	0.871897	-1.14692	1.04651	0.796293	0.67636	1
cg17361203	OSCAML1	0.479865	0.839655	1.12468	1.12468	0.328484	1.79492	1.79492	0.181907	0.439645	-2.27456	0.366053	1.7136	1.7136	0.467656	0.515409	-1.53513	0.155325	2.41548	2.41548	0.647447	1.3061	1.3061	0.331899	0.559572	-1.78708	0.938806	0.956447	-1.04554	1.04648	5.57501	4.73546	1
cg02869963	SYTL2	0.479867	0.837163	0.921884	-1.08474	0.344221	1.46972	1.46972	0.141681	1.86737	1.86737	0.447371	0.736336	-1.35808	0.504048	0.764929	-1.30731	0.998074	0.999492	-1.00051	0.260378	1.59039	1.59039	0.421175	0.722686	-1.38373	0.212298	1.68075	1.68075	1.06468	2.58897	2.19911	1
cg00352652	ZFP41	0.479871	0.885221	1.06466	1.06466	0.867316	0.993168	-1.00624	0.480049	0.721238	-1.38623	0.498885	1.36661	1.36661	0.320852	0.627131	-1.59456	0.992351	1.00265	-1.00265	0.114001	0.639935	-1.56266	0.154417	1.48553	1.48553	0.456321	1.21771	1.21771	1.06454	1.11723	0.94883	1
cg22018565	ADORA3;ADORA3	0.479872	0.236452	1.74465	1.74465	0.537662	0.75552	-1.32359	0.139118	0.489572	-2.0426	0.590923	0.783926	-1.27563	0.431023	1.43417	1.43417	0.796939	1.12264	1.12264	0.784923	1.13058	1.13058	0.141368	0.49185	-2.03314	0.670206	0.825146	-1.21191	1.04647	3.33606	2.83371	1
cg20983531	CDCA7L;CDCA7L;CDCA7L	0.479875	0.780803	1.09885	1.09885	0.855597	1.06349	1.06349	0.452305	0.772025	-1.2953	0.279999	0.842211	-1.46154	0.380804	1.34949	1.34949	0.691389	0.873865	-1.14434	0.141029	0.585692	-1.70738	0.411396	1.3282	1.3282	0.146408	0.590499	-1.69348	1.04646	1.80244	1.60768	1
cg24701097	TRIM26	0.479885	0.276697	0.457069	-1.84775	0.0553457	0.222462	-4.49514	0.200929	0.392412	-2.54834	0.848941	1.14105	1.15359	0.347399	-2.87853	0.37318	0.531199	-1.88253	0.479367	0.607996	-1.64475	0.655315	0.773808	-1.36424	0.803013	0.841173	-1.18882	1.04644	7.93619	6.7413	1
cg21904074	MTUS2;MTUS2	0.479886	0.295868	0.802783	-1.24567	0.304596	1.24043	1.24043	0.570353	1.12326	1.12326	0.900012	0.974847	-1.0258	0.58096	0.893164	-1.11962	0.724074	1.07447	1.07447	0.0888304	1.46282	1.46282	0.842764	0.960551	-1.04107	0.265793	0.790571	-1.26491	1.04644	0.680663	0.578183	1
cg00721819	TNXB	0.479891	0.279007	1.35458	1.35458	0.434663	0.798048	-1.2512	0.0610993	0.630566	-1.63782	0.938575	0.979433	-1.02101	0.288784	0.743099	-1.34572	0.967345	1.0111	1.0111	0.885575	0.796889	-1.27083	0.783276	0.928851	-1.07718	0.329568	1.31168	1.31168	1.04643	1.20497	1.02356	1
cg26540943	TMLHE	0.479893	0.200073	0.137392	-7.27844	0.992433	0.98619	-1.014	0.928833	0.877225	-1.13996	0.197071	0.738716	0.387164	3.73072	3.73072		0.167435	0.155573	-6.65254	0.736302	0.609189	-1.64153	0.248429	0.170463	-5.86638	0.968091	0.94303	-1.06041	1.04643	35.6375	30.2723	1
cg04572969	MEGF6	0.479903	0.167023	0.601067	-1.65833	0.898417	1.04482	1.04482	0.402005	0.743994	-1.34415	0.821248	0.925352	-1.08076	0.197176	0.626231	-1.59685	0.769408	1.10614	1.10614	0.870845	0.945672	-1.05745	0.263283	0.97008	-1.03105	0.745272	1.04643	1.04643	1.04643	0.490719	-2.03782	1.04642	1.9317	1.65914	1
cg24568647	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.479903	0.309238	1.22249	1.22249	0.941	1.01423	1.01423	0.894393	1.0258	1.0258	0.271652	1.24416	1.24416	0.381417	0.842498	-1.18695	0.75418	1.0618	1.0618	0.281083	0.807449	-1.23847	0.320232	1.21662	1.21662	0.113336	1.3895	1.3895	1.04641	0.603998	0.513076	1
cg08798523	MTMR6;MTMR6	0.479913	0.228601	0.854055	-1.17088	0.699497	0.952728	-1.04962	0.772984	1.03677	1.03677	0.101221	0.992362	-1.25115	0.312761	0.877777	-1.13924	0.191485	0.841429	-1.18845	0.934206	1.10136	1.10136	0.959794	1.00631	1.00631	0.332499	1.13294	1.13294	1.06439	0.258326	0.219443	1
cg24812837	TLX1	0.479914	0.0897028	1.16834	1.16834	0.15492	0.98739	0.987339	0.724063	1.32047	1.32047	0.176446	0.67007	-1.49238	0.468332	0.721508	-1.38623	0.561157	0.821469	-1.21749	0.661838	1.73984	1.73984	0.137308	0.887606	-1.12663	0.148439	0.729243	0.729243	1.06453	1.66113	1.36494	1
cg07172280	SPP2	0.479986	0.482291	1.21935	1.21935	0.121529	0.59388	0.593388	0.245833	1.40085	1.40085	0.423124	1.25509	1.25509	0.277267	0.730665	-1.36862	0.532817	0.839089	-1.19177	0.823617	1.06396	1.06396	0.573765	0.853983	-1.17098	0.455774	0.809811	-1.23486	1.04626	1.27796	1.08574	1
cg04682967	SSTR3	0.479991	0.395713	1.44863	1.44863	0.338888	1.20961	1.20961	0.614875	1.93086	1.93086	0.208887	1.35851	1.35851	0.160102	1.07007	1.07007	0.4114	0.699144	-1.43012	0.414109	1.70807	1.70807	0.931173	-1.07391	0.153658	1.19729	1.19729	1.06455	2.05606	2.55606	1.90256	1
cg00308503	ATP10B	0.479999	0.407429	1.54375	1.54375	0.774522	1.19846	1.19846	0.307788	0.514061	-1.94528	0.396338	1.72887	1.72887	0.40918	0.642884	-1.55459	0.520824	1.50715	1.50715	0.771079	1.20189	1.20189	0.0620949	1.7582	1.3582	0.132435	1.59234	1.59234	1.06425	0.583111	0.559299	1
cg26833169	CALCA;CALCA;CALCA	0.479996	0.821106	0.870157	-1.14895	0.898705	1.08121	1.08121	0.943667	0.957601	-1.04428	0.19818	0.434418	-2.30193	0.224366	0.457276	-2.18686	0.403126	0.591836	-1.68966	0.483444	0.646216	-1.54747	0.120473	2.80816	2.80816	0.46779	1.57292	1.57292	1.06424	0.622788	5.29125	1
cg10245330	SDCCAG8;AKT3	0.479999	0.65323	1.1966	1.1966	0.424069	1.34387	1.58382	0.601089	1.23982	1.23982	0.609293	1.22092	1.22092	0.673198	0.844203	-1.18439	0.29482	2.63456	2.63456	0.386104	1.39868	1.39868	0.374327	1.41109	1.41109	0.701268	1.15669	1.15669	1.06423	3.63605	2.80767	1
cg24391240	CCDC11	0.480001	7	7	7	0.320679	0.335636	-2.97942	0.0677441	0.113357	-8.82171	0.341453	2.83763	2.83763	0.415993	0.412906	-2.42186	0.632136	0.598589	-1.67059	0.447986	0.439201	-2.27686	0.359085	0.367236	-2.72305	0.592748	0.563022	-1.77613	1.03726	16.5312	15.9373	1
cg13019972	DOCK2;DOCK2	0.480007	0.661937	0.870796	-1.14837	0.699012	1.04482	1.04482	0.402005	0.743994	-1.34415	0.821248	0.925352	-1.08076	0.197176	0.626231	-1.59685	0.769408	1.10614	1.10614	0.870845	0.945672	-1.05745	0.263283	0.97008	-1.03105	0.745272	1.04643	1.04643	1.04643	0.490719	-2.03782	1.04642	1.9317	1.65914	1
cg06928838	GSTP1	0.480005	0.711832	1.06731	1.06731	0.972844	0.994041	-1.00599	0.167039	0.772106	-1.29516	0.200653	1.26784	1.26784	0.818094	0.960359	-1.04128	0.963378	0.991971	-1.00809	0.832078	0.963406	-1.03798	0.537174	1.11595	1.11595	0.0853797	1.3964	1.3964	1.04622	0.5107779	0.433968	1
cg05263576	ZNF747 MRPL52;MRPL52;MRPL52;MRPL52;MRPL52;MR	0.480016	0.177404	0.882043	-1.13373	0.918224	1.1286	1.1286	0.633496	1.04296	1.04296	0.917493	1.00361	1.00361	0.178049	0.882228	-1.13349	0.973692	0.997117	-1.00289	0.997361	1.00029	1.00029	0.218713	1.11993	1.11993	0.809717	1.02135	1.02135	1.0462	0.12703	0.107929	1
cg00699996	PLS2;MRPL52	0.480036	0.375281	1.10309	1.10309	0.395773	1.09831	1.09831	0.298777	0.890365	-1.12314	0.606506	1.05762	1.05762	0.309492	0.892793	-1.12008	0.127679	0.837282	-1.19434	0.376034	0.90669	-1.10291	0.91058	0.98796	-1.01239	0.341309	0.899669	-1.11152	1.04616	0.192632	0.163673	1
cg02767788	PRDM16;PRDM16	0.480037	0.57453	1.74128	1.74128	0.725805	0.754834	1.32476	0.0758054	1.32476	1.32476	0.768807	1.02417	1.02417	0.944602	1.01295	1.01295	0.236458	1.02816	1.02816	0.909756	1.34801	1.34801	0.960909	1.03143	1.03143	0.907437	0.911275	-1.09756	1.02614	0.5716	0.84252	1
cg15469944	DNAH9;DNAH9	0.480049	0.411911	1.23529	1.23529	0.69794	1.10321	1.10321	0.508077	0.844077	-1.18424	0.48926	1.19353	1.19353	0.047763	1.76839	1.76839	0.195751	1.41141	1.41141	0.641942	1.12517	1.12517	0.768961	0.928501	-1.077	0.745011	0.921098	0.921098	1.04616	1.05096	0.89299	1
cg01659052	CRTAM	0.48005	0.703813	0.688869	-1.43088	0.262559	2.99139	2.99139	0.168577	3.95963	3.95963	0.85797	1.18297	1.18297	0.164816	0.24907	-4.01493	0.875184	0.862905	-1.15888	0.190871	0.272754	-3.66631	0.777537	0.766671	-1.30434	0.718018	0.711655	-1.40517	1.04614	14.5784	12.3871	1
cg25012937	LRBA SORBS2;SORBS2;SORBS2;SORBS2;SORB	0.480051	0.861114	1.09262	1.09262	0.766107	0.773584	1.17638	0.0813255	1.17638	1.17638	0.0813255	1.16368	1.16368	0.0822512	1.16368	1.16368	0.0751791	1.40728	1.40728	0.24555	0.580301	-1.72348	0.0813255	1.17638	1.17638	0.0813255	1.16368	1.16368	1.06416

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. 057 vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. 117 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 21T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	p-value(1347 vs. 477 vs. N)	Fold-Change(1347 vs. N)	p-value(1537 vs. 537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. 537 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. 37 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. 637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg00104673	CYP4V2;CYP4V2		0.4806269		0.427729	0.905408	-1.00447	0.440254	1.01641	1.01641	0.241985	1.16217	1.16217	0.4615388	1.09551	1.09551	0.8070542	0.9704616	1.03049											
cg15732768	DLX5		0.480633		0.532778	1.485566	1.48566	0.693738	0.780378	-1.28143	0.523409	1.49959	1.49959	0.8333292	0.876313	-1.14115	0.767764	1.20387	1.20387											
cg24005169	PSORS1C3		0.4806542		0.392064	0.669755	-1.49308	0.686735	1.20362	1.20362	0.710721	1.18567	1.18567	0.4464337	1.42585	1.42585	0.0552162	0.37034	-2.70022											
cg16952751	CFLAR;CFLAR;CFLAR		0.4806545		0.383713	1.409	1.409	0.416391	1.37536	1.37536	0.122825	1.87775	1.87775	0.334481	2.682425	-1.46536	0.482806	1.31496	1.31496											
cg21247923	LOC121952		0.48065		0.252405	1.62523	1.62523	0.404746	1.41382	1.41382	0.84285	1.08093	1.08093	0.442094	1.37491	1.37491	0.134936	0.51962	-1.92448											
cg08641990	SSBP3;SSBP3;SSBP3		0.4806552		0.521307	0.617317	-1.61991	0.0486733	5.31723	5.31723	0.218494	2.61291	2.61291	0.576706	0.658051	-1.51954	0.713697	1.31449	1.31449											
cg22917487	CX3CR1;CX3CR1;CX3CR1;CX3CR1		0.4806562		0.877062	1.05994	1.05994	0.124151	0.534668	-1.87032	0.623535	0.830242	-1.20447	0.961515	0.01831	1.01831	0.560415	1.24781	1.24781											
cg13469180	KIF9-INF9;KIF9-INF9;KIF9;KLHL18;KIF9;KIF9		0.4806659		?	?	?	0.41132	1.57537	1.57537	0.803469	0.82723	-1.14636	0.816568	2.15444	2.15444	?	?	?	0.729273	0.825467	-1.21144	0.286525	0.54871	-1.82246	1.00138	2.50798	3.5055	1
cg01356950	CTBP1;CTBP1		0.48066		0.724035	1.10644	1.10644	0.604909	1.56101	1.56101	0.0965679	1.62795	1.62795	0.667794	1.37914	1.37914	0.611807	1.12518	1.12518											
cg18361730	SPOYE1;POLR2J4		0.4806565		0.403585	0.805717	-1.24113	0.996241	1.00119	1.00119	0.950943	0.98457	-1.01567	0.918013	0.974312	-1.02637	0.142623	0.67146	-1.48929											
cg25900150	ZC3H3		0.4806575		0.945367	1.02682	1.02682	0.199181	1.788	1.788	0.183185	1.50968	1.50968	0.946876	0.974533	-1.02607	0.365244	0.89332	-1.11969											
cg01964810	SSU72		0.4806808		0.444397	0.730091	-1.36969	0.573887	1.25766	1.25766	0.13751	0.52448	-1.90664	0.387471	0.699487	-1.42962	0.0567202	0.41884	-2.38741											
cg13740636	HEPH1		0.4806989		0.0632798	0.0284273	-35.1803	0.32536	0.177083	-5.64707	0.732515	0.532138	-1.87938	0.537762	0.378328	-2.64181	0.353089	0.197739	-5.05741											
cg19154694	SAMD5		0.4806991		0.194325	2.05017	2.05017	0.437394	1.51317	1.51317	0.491188	1.44138	1.44138	0.14441	2.26991	2.26991	0.449576	0.69763	-1.43342											
cg15343200	ATF6B;ATF6B		0.4806993		0.352264	1.4247	1.4247	0.483795	1.301	1.301	0.0492429	2.29326	2.29326	0.61191	1.20827	1.20827	0.821198	1.08731	1.08731											
cg00634642	UTP14A;UTP14A		0.4806996		0.132075	1.9385	1.9385	0.529907	0.525284	-1.90373	0.867666	1.10693	1.10693	0.145068	4.372355	4.372355	0.881683	1.13649	1.13649											
cg10775024	SAMD4A;SAMD4A		0.4806998		0.177099	0.405641	-2.46523	0.289304	0.500688	-1.99725	0.0782118	0.29212	-3.42325	0.514301	0.659723	-1.51579	0.789685	0.845245	-1.18309											
cg21140353	TNXB;TNXB		0.4807002		0.518162	0.481821	-2.07546	0.0746214	9.157	9.157	0.208083	4.39018	4.39018	0.582695	0.53875	-1.85615	0.3747	0.3622	-2.76091											
cg10597997	STK10		0.4807005		0.776746	1.0253	1.0253	0.296204	0.755476	-1.32367	0.0783624	1.65865	1.65865	0.736137	1.09146	1.09146	0.908039	0.970541	-1.03035											
cg24740195	PYKFB3		0.4807011		0.652267	1.10973	1.10973	0.282166	0.773741	-1.29242	0.545093	0.868862	-1.15093	0.168402	1.40058	1.40058	0.215563	1.34874	1.34874											
cg00400155	SKA3;MIR9H3;SKA3		0.4807017		0.596782	0.850351	-1.17591	-1.19538	0.727626	1.37476	1.23803	0.867995	1.43308	1.43308	0.513407	0.801277	1.248	0.797322	1.25434											
cg11988604	ACSF2		0.4807017		0.139025	0.339624	-2.94443	0.828562	1.16424	1.16424	0.964112	0.13098	0.13098	0.021557	0.731584	-1.40138	0.217064	0.414456	-2.4128											
cg19332832	PMNL2		0.4807025		0.757017	1.09144	1.09144	0.128824	0.777889	0.785583	0.0784765	0.807867	0.807867	0.115332	0.61532	-1.62502	0.451774	0.878868	1.13859											
cg18503052	PLP2		0.4807027		0.106826	0.229977	-4.34826	0.551675	0.604874	-1.65324	0.803993	1.23071	1.23071	0.181627	3.26654	3.26654	0.648703	1.46652	1.46652											
cg18866479	MNS1		0.4807044		0.492644	0.896356	-1.11563	0.809894	1.02179	1.02179	0.617884	0.924066	-1.08217	0.189029	0.801727	-1.2442	0.737863	1.05416	1.05416											
cg25768673	HIVEP3;HIVEP3		0.4807053		0.2205	0.690449	-1.44833	0.78941	1.08502	1.08502	0.668128	0.88336	-1.13204	0.605206	0.860748	-1.16178	0.78746	0.908236	-1.10103											
cg06919398	GDI1		0.4807054		0.323243	0.41158	-2.42966	0.466667	1.90504	1.90504	0.842065	1.18956	1.18956	0.108746	4.5817	4.5817	0.0857808	5.21815	5.21815											
cg21140353	TNXB;CSF4;CSof45		0.4807077		0.723362	0.917274	-1.10892	0.878049	0.976472	-1.02455	0.648373	1.22679	1.22679	0.679586	0.88615	-1.12843	0.842502	0.807587	-1.42737											
cg15751881	NOTCH2NL;NOTCH2NL		0.4807078		0.0351347	0.57021	9.57021	0.851807	0.849945	-1.17655	0.52723	0.74748	-1.74948	0.651321	1.48632	1.48632	0.633579	1.51961	1.51961											
cg10282820	ACO1		0.4807095		0.0779762	0.65484	-1.52709	0.495356	1.16143	1.16143	0.279095	1.27539	1.27539	0.955345	0.9680322	-1.01212	0.597289	1.12215	1.12215											
cg11165357	C1orf122;C1orf122;YRDC		0.4807095		0.151031	0.6745849	-1.48209	-1.19538	0.727626	1.20179	1.23803	0.867995	1.43308	1.43308	0.513407	0.801277	1.248	0.797322	1.25434											
cg07783946	EIF6;EIF6;EIF6;EIF6		0.4807099		0.977904	0.992796	-1.00726	0.0914107	1.62465	1.62465	0.64113	0.884659	-1.13038	0.488815	0.832302	-1.20149	0.334239	0.771055	-1.29692											
cg17577782	C6orf60A		0.4807107		0.0949843	0.6013	1.66244	1.03824	0.963667	1.03785	0.963667	0.93785	1.06933	1.06933	0.963667	1.13619	0.88049	0.963667	1.03785											
cg02402630	LOC100129637		0.4807108		0.544332	0.458919	-2.17904	0.406227	0.340103	-2.94029	0.701393	1.63073	1.63073	0.443982	0.371361	-2.6928	0.174277	0.150708	-6.26141											
cg10496150	TBC1D16		0.4808012		0.603878	1.31111	1.31111	0.136621	2.29308	2.29308	0.354849	0.611048	-1.63653	0.331594	1.67935	1.67935	0.401308	0.40581	-2.46351	1.50593	1.50593										
cg23579913	GUCY1A2		0.4808019		0.744214	0.836135	0.836135	0.0948652	0.813881	-1.22868	0.352131	0.740782	-1.3709	0.223158	1.15337	1.15337	0.560287	0.904404	-1.10539											
cg04254454	HIST1H2AC		0.4808024		0.711647	0.934932	-1.0696	0.351575	1.19734	1.19734	0.167634	1.30541	1.30541	0.23532	0.798205	-1.25281	0.181975	0.773584	-1.29268											
cg22288737	ALAS2;ALAS1		0.4808027		0.455909	1.04774	1.04774	0.954945	0.952439	-1.17303	0.498293	1.24253	1.24253	0.561941	0.982233	-1.01808	0.966241	1.18048	1.18048											
cg05551792	BRSK2		0.4808029		0.224747	0.725195	-1.37894	0.14254	1.48763	1.48763	0.439363	0.819773	-1.21985	0.464697	0.822404	-1.21595	0.238062	0.732413	-1.36535											
cg00208504	C4orf49		0.4808043		0.832901	0.876594	-1.14078	0.343629	1.83709	1.83709	0.102027	0.0517	0.0517	0.195397	2.34832	2.34832	0.773865	0.835609	-1.19673											
cg22708290	RAB58		0.4808045		0.453589	0.849445	0.849445	0.17855	1.19148	1.19148	0.825795	1.31525	1.31525	0.681381	1.23347	1.23347	0.0751878	0.80666	-1.23966											
cg13525154	PITX3		0.4808046		0.182631	0.601066	-1.66371	0.137955	1.77701	1.77701	0.300789	1.49705	1.49705	0.703907	0.871592	-1.14733	0.863728	1.06378	1.06378											
cg00820718	C1QL2		0.4808047		0.0187763	0.4184	2.39064	0.0221261	1.2211	1.2211	0.310252	0.89107	-1.12227	0.77356	0.753394	-1.32744	0.963532	0.601362	1.66222											
cg16068923	EZH1		0.4808062		0.381092	0.775592	-1.28934	0.403372	0.785145	-1.27365	0.891418	0.962101	-1.03939	0.0807149	0.57816	-1.72963	0.206564	1.45767	1.45767											
cg00208504	C4orf49		0.4808062		0.0942735	0.5375	1.86047	0.0144554	1.19148	1.19148	0.825795	1.15661	1.15661	0.689128	0.732034	-1.36606	0.251783	0.654057	-1.5293											
cg00538623	C20orf108		0.4808063		0.819516	0.9367	-1.06757	0.0814919	0.575564	-1.73743	0.796542	1.20671	1.20671	0.277886	1.381	1.381	0.45064	0.878038	-1.13774											
cg14400389	NUP85		0.4808898		0.740445	1.09613	1.09613	0.622823	1.14669	1.14669	0.985446	1.00505	1.00505	0.291621	0.739246	-1.35273	0.138596	0.643902	-1.55303											
cg00976431	LIN01;LIN9		0.4808898		0.530344	1.09707	1.09707	0.394985	1.21585	1.21585	0.853167	1.1281	1.1281	0.346462	0.853167	-1.18772	0.167229	0.667225	-1.49883											
cg13903482	ZNF749;ZNF749		0.4808899		0.302742	1.15629	0.978731	1.00363	1.00363	0.480142	1.10256	1.10256	0.101325	1.2764	1.2764	0.273838	1.16754	1.16754											
cg19954227	PTPN22;PTPN22;PTPRN2		0.4808899		0.738479	0.929319	-1.0834	0.683111	1.1031	1.1031	0.57845	1.14303	1.14303	0.258	0.754137	-1.32602	0.166526	0.702821	-1.42284											
cg14412459	IGFBPL1		0.4808905		0.719751	1.12523	1.12523	0.06093885	2.00075	2.00075	0.19967	1.55848	1.55848	0.582781	0.833871	-1.19923	0.384295	0.733927	1.33927											
cg15402232	PDGFB;PDGFB		0.4808905		0.742938	0.886242	-1.12836	0.446727	1.32921	1.32921	0.553338	0.802489	-1.24612	0.524816	0.789402	-1.26678	0.850958	0.933304	-1.07146											
cg00079302	RPS15		0.4808906		0.179975	0.443558	-2.25466	0.35601	0.641266	-1.55961	0.210916	0.505027	0.859338	0.164239	0.574079	-1.74179	0.0180392	0.412217	2.42588											
cg22928082	SLC4A11		0.4808911		0.617264	1.45912	1.45912	0.743836	0.780432	-1.28134	0.76339	1.25409	1.25409	0.491868	0.592427	-1.68797	0.620887	0.688057	-1.45337											
cg10338725	ALAS2;AMOT517		0.4808921		0.677754	1.2424	1.2424	0.633406	0.416398	-2.40155	0.442353	0.46339	-2.16339	0.81199	1.54416	1.54416	0.317368	0.15383	-6.50545											
cg04879755	TMEM101		0.4808943		0.780745	1.05861	1.05861	0.188686	1.32763	1.32763	0.958529	1.21253	1.21253	0.755574	0.938252	-1.06581	0.789982	1.05599	1.05599											
cg23406506	GAR1;GAR1		0.4808951		0.931513	0.985594	-1.01462	0.908883	1.01949	1.01949	0.400686	1.1563	1.1563	0.405554	0.866183	-1.15449	0.138866	1.30859	1.30859											
cg19017710	C1orf22		0.4808967		0.464636	1.1602	1.1602	0.113392	0.720544	-1.38784	0.772974	1.05659	1.05659	0.938634	0.985459	-1.01476	0.970338	1.04766	1.04766											
cg26119529	ID2B;PTPRG		0.4808982		0.638821	0.864909	-1.15619	0.213618	0.668952	-1.49487	0.0305836	0.458396	-2.18152	0.41866	0.77592	-1.28879	0.367723	0.752726	1.32851											
cg08049717	AMOT12		0.4808985		0.545585	1.07135	1.07135	0.0827681	1.37381	1.37381	0.667567	1.24055	1.24055	0.949633	1.03323	-1.03323	0.600744	0.760804	1.31424											
cg24450303	ARC;ARC		0.4808988		0.629564	0.836917	-1.19486	0.139137	0.558165	-1.79159	0.685882	0.86162	-1.1606	0.924499	1.03533	1.03533	0.186904	0.599027	1.66937											
cg14085805	5;ZNF365;ZNF146;ZNF146;ZNF56		0.4808988		0.6673912	1.36056	1.36056	0.967417	0.993882	-1.00616	0.263254	1.1915	1.1915	0.926259	0.986189	-1.0144	0.592551	1.08453	1.08453											
cg01922936	ZNF146;ZNF146;ZNF56;ZNF146;ZNF146;ZNF146;ZNF56;ZNF146;ZNF146;ZNF56;ZNF146;ZNF146;ZNF56

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	Ratio(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Ratio(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Ratio(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg14100748	TTC7B	0.481475	0.28735	2.20628	2.05628	0.10663339	0.83185	1.83835	0.07712261	1.72452	1.73452	0.455126	1.64286	1.64286	0.320435	2.00485	2.00485	0.551205	1.48209	1.48209	0.4007	1.75301	1.75301	0.588362	1.42843	1.42843	0.419024	1.17401	1.04349	7.0376	5.99403	1
cg27147358	B3GALT4	0.481476	0.850835	0.937957	-1.06615	0.09170785	1.880393	1.880393	0.279646	1.4658	1.4658	0.671078	0.864646	-1.15654	0.659045	1.16309	1.16309	0.490208	1.26929	1.26929	0.134667	1.7311	1.7311	0.154936	1.67851	1.67851	0.726677	1.12682	1.12682	0.13049	1.91309	1.62965	1
cg05156800	EXTL1	0.481479	0.359151	0.844889	-1.18359	0.3351514	1.19444	1.19444	0.2414641	1.24506	1.24506	0.111648	1.36306	1.36306	0.354271	1.18574	1.18574	0.619429	1.09363	1.09363	0.764292	0.947662	-1.05523	0.733481	0.940732	-1.063	0.2233113	1.25701	1.25701	0.34548	0.528133	0.449889	1
cg23783489	LOC100131434;CXorf40A	0.481481	0.13281	0.337662	-2.96154	0.77705	0.822561	-1.21571	0.432105	0.584568	-1.7104	0.16603	0.68802	0.68802	0.578735	0.45562	0.45562	0.202133	0.405982	-2.46361	0.60342	1.42028	1.42028	0.819719	0.858284	-1.16512	0.79771	1.18761	1.18761	0.10448	7.40641	6.30918	1
cg10586599	ORC1L;PRPF38A;PRPF38A	0.4815	0.205783	1.19923	1.19923	0.530286	0.917104	-1.09039	0.597133	0.0753	1.0753	0.409715	0.89158	-1.1216	0.25758	1.17447	1.17447	0.988532	1.00196	1.00196	0.102063	0.783823	-1.2758	0.402194	0.986638	-1.01354	0.698658	1.05438	1.05438	0.13444	0.306183	0.260831	1
cg09031267	LMAN2	0.481501	0.252682	0.477848	-2.09272	0.4566411	0.625588	-1.59775	0.658836	1.31605	1.31605	0.600741	0.721538	-1.38593	0.620738	0.272924	1.36335	0.413582	0.596535	-1.67635	0.130375	0.364316	-2.74487	0.486691	0.644088	-1.54778	0.323661	0.532572	-1.87768	0.13444	6.31311	5.37383	1
cg18771910	TMEM90A	0.481511	0.341057	0.778518	-1.28449	0.0952434	0.626396	-1.59644	0.636289	0.885538	-1.12926	0.0774136	0.605959	-1.65028	0.831044	0.946935	-1.05604	0.521932	0.847356	-1.18014	0.367457	0.789584	-1.26649	0.19336	0.703817	-1.42082	0.246007	0.733731	-1.3629	0.103443	1.07615	0.916763	1
cg15188890	CDX10	0.481512	0.872686	1.11934	1.11934	0.645166	0.975118	-1.39057	0.963227	0.402656	-2.48351	0.370497	0.504147	-1.90786	0.909203	0.97194	-1.0294	0.268607	0.444968	-2.2475	0.0445284	0.205356	-4.86951	0.07977	1.06585	1.06585	0.2202861	0.404488	-2.47226	0.10442	8.15419	6.94954	1
cg25987936	AR	0.481514	0.247854	0.281032	-3.55833	0.75695	0.621798	-1.60852	0.611798	0.539932	-1.85208	0.154011	0.87488	-1.14291	0.87488	0.676611	0.553779	1.55379	0.253837	0.285125	-3.50723	0.850727	0.820423	-1.21888	0.958615	0.94694	-1.05603	0.170809	0.42871	0.42871	0.42487	0.38412	0.15397	1
cg02014690	DGCR6;DGCR6	0.481514	0.989494	1.00827	1.00827	0.717411	1.25586	1.25586	0.215547	0.435566	-2.29586	0.350038	0.544257	-1.83737	0.149252	0.370502	-2.69904	0.457262	0.617597	-1.61918	0.267291	0.08354	2.08354	2.08354	0.23425	0.452102	-2.21189	0.497386	0.648209	-1.54271	1.07775	0.367372	0.359867	1
cg19726536	MIR1229;MGAT4B;MGAT4B	0.481523	0.712745	1.29465	1.29465	0.2126025	0.41559	-2.40677	0.299777	0.394251	2.53596	0.891728	0.812354	2.8236	0.0973578	0.35402	2.82564	0.546972	1.02232	1.02232	0.895259	0.948377	1.00717	-1.00717	0.914329	1.32238	0.671387	0.798836	1.26009	1.0434	5.05117	4.30317	1
cg20567785	GLT1D1	0.481549	0.427607	0.585311	-1.70849	0.126971	0.335691	-2.97893	0.947316	0.955241	-1.04675	0.546899	0.956715	-1.04524	0.267038	0.465482	-2.14831	0.498803	0.635732	-1.57299	0.157982	0.368322	-2.71502	0.0739458	0.267913	-3.73255	0.995691	0.996435	-1.00358	0.43035	7.22645	6.15661	1
cg10265944	RIN G1	0.481573	0.72344	0.957125	-1.06709	0.738807	1.163037	1.163037	0.736692	1.066379	1.066379	0.740726	1.062577	1.062577	0.357006	1.18901	1.18901	0.81829	0.958212	-1.04356	0.0317648	0.631247	-1.58417	0.550055	0.895363	-1.11587	0.858641	0.967941	-1.03312	0.14331	0.551598	0.470282	1
cg18962105	RBM4B UGT1A10;UGT1A6;UGT1A8;UGT1A4;UGT1A1;UGT1A3;UGT1A5;UGT1A9;UGT1A7;UGT1A2;UGT1A4;UGT1A1;UGT1A6;UGT1A10	0.481581	0.846331	0.926073	-1.07978	0.0800657	0.468143	-2.1361	0.449303	1.19593	1.19593	0.737067	1.14076	1.14076	0.928158	0.965369	-1.03587	0.117686	1.86783	1.86783	0.415542	0.722152	-1.38437	0.709427	0.863908	-1.15753	0.523082	1.28782	1.28782	0.1433	2.5239	2.15036	1
cg21620495	A7;UGT1A5	0.481589	0.683789	1.12935	1.12935	0.403246	0.775632	-1.28927	0.559946	0.839378	-1.19136	0.963277	1.01377	1.01377	0.55462	1.19427	1.19427	0.846122	0.943919	-1.05941	0.871197	0.952942	-1.04938	0.670665	0.880681	-1.13549	0.02675	0.458594	-2.18058	0.14328	1.45795	1.24219	1
cg17345731	LAS1L;LAS1L;LAS1L	0.481593	0.158949	0.249403	-4.01441	0.702785	0.781932	-1.27933	0.464	0.995284	1.00547	1.00547	0.166089	3.90936	3.90936	0.003401	2.69303	2.69303	0.204681	0.29068	-3.44021	0.526897	0.548412	-1.82405	0.886874	1.14044	1.14044	0.892791	1.13257	1.13257	0.10427	14.0821	11.9982	1
cg04144611	C1orf96	0.481595	0.652989	0.837508	-1.19402	0.0899915	0.995059	-1.00497	0.425735	1.37531	1.37531	0.290601	0.655934	-1.52454	0.072986	0.453726	-2.18919	0.850062	1.07697	1.07697	0.495561	0.734282	-1.36187	0.5879	1.23907	1.23907	0.30623	1.51444	1.51444	0.13227	2.53643	2.1611	1
cg03831499	WDR46;WDR46	0.481598	0.198027	0.470446	-2.12564	0.8350669	0.890868	-1.1225	0.779201	0.855741	-1.16858	0.257213	0.519234	-1.92591	0.0662743	0.319254	-3.1323	0.124086	0.397306	-2.51695	0.34351	0.582239	-1.71751	0.412397	0.628438	-1.59125	0.3396001	0.57953	-1.72554	0.13426	5.07616	4.32503	1
cg02248320	CK8	0.481605	0.815579	1.10802	1.10802	0.4184264	0.715609	-1.39741	0.794521	0.891728	-1.12142	0.880009	1.0108	1.0108	0.915484	0.968241	-1.03302	0.337653	1.54339	1.54339	0.0536819	2.73148	2.73148	0.301995	1.55873	1.55873	0.726493	1.55539	1.55539	0.726493	1.16671	1.16671	0.14025	3.18494	2.7137	1
cg13961587	ATP11A;ATP11A	0.481605	0.522936	0.87494	-1.14294	0.629663	1.105546	1.105546	0.483801	0.865078	-1.15597	0.252884	0.781589	-1.27945	0.404801	0.83871	-1.19231	0.364579	1.21197	1.21197	0.847682	1.48194	1.48194	0.724457	0.929571	-1.07577	0.862739	0.964922	-1.03635	0.14325	0.703534	0.59944	1
cg20775533	PTPN12;PTPN12;PTPN12	0.481623	0.450343	1.24286	1.24286	0.154975	0.630353	1.586203	0.158134	0.945141	1.06018	0.760237	0.945178	1.06514	0.945141	0.221277	0.659229	0.414927	0.914554	-1.09351	0.545345	0.908276	-1.10098	0.686339	0.881582	-1.13456	0.902622	1.1049	1.1049	0.13962	0.907355	0.773192	1
cg07542558	PTPRG	0.48163	0.440243	0.798834	-1.25183	0.454382	1.24291	1.24291	0.0661758	1.80053	1.80053	0.290464	0.731209	-1.3676	0.831557	1.06267	1.06267	0.863089	1.05049	1.05049	0.306353	1.35284	1.35284	0.728491	0.905341	-1.10456	0.723931	0.903754	-1.1065	1.0432	1.34537	1.14636	1
cg21056677	THAP5	0.481633	0.392331	0.889503	-1.12422	0.564524	1.080109	1.080109	0.475206	0.800757	-1.10188	0.266861	0.856788	-1.16715	0.255564	0.853345	-1.17186	0.734599	0.955552	-1.04652	0.0956175	1.27711	1.27711	0.623607	0.935913	-1.06848	0.573451	0.926809	-1.07897	0.1432	0.29497	0.251339	1
cg16540709	ASH2L;ASH2L	0.481639	7	7	7	0.4131514	0.48993	-2.04193	0.190936	0.54754	-1.82635	0.403968	0.689742	-1.44942	0.20122	1.7518	1.7518	0.589613	1.10256	1.10256	0.446901	0.715306	-1.398	0.905238	1.58688	0.926166	1.04114	1.04114	0.94216	2.75431	2.66333	1
cg13157793	C15orf2	0.481648	0.119772	0.207348	-4.82281	0.173468	0.257409	-3.88487	0.969023	1.03686	1.03686	0.968748	0.96414	-1.03719	0.306402	0.372672	-2.68332	0.154542	0.241609	-4.13891	0.774725	0.76531	-1.30666	0.431488	0.473134	-2.11357	0.122533	0.210177	-4.75789	0.10317	14.3549	12.2319	1
cg12731353	RNF19B;RNF19B UBTD1;ABTB1;ABTB1;ABTB1;ABTB1;AB	0.481649	0.229843	0.491507	-2.03456	0.0815557	0.341806	0.57982	-1.72455	0.337746	0.572843	-1.74568	0.159768	0.428752	-2.33235	0.118194	0.384292	-2.60219	0.356093	0.585936	-1.70667	0.632772	0.756725	-1.32148	0.35049	0.581723	-1.71903	0.14317	0.252096	0.447438	1
cg17644827	TB1	0.481653	0.901547	0.924946	-1.08114	0.7497	1.123158	1.123158	0.862548	1.11543	1.11543	0.380696	0.56791	-1.7627	0.0677248	0.27524	-3.6332	0.0867902	0.303489	-3.29501	0.4523113	0.6171166	-1.62044	0.789427	1.18381	1.18381	0.84266	0.882246	-1.13347	0.34316	0.565593	0.5949	1
cg00607760	KDM4C;KDM4C;KDM4C;KDM4C	0.481655	0.145306	0.391634	-2.55436	0.645519	1.44619	1.44619	0.0916598	0.594827	1.68207	0.0455304	0.516834	1.93498	0.0455304	0.0916598	1.44619	0.754971	0.829538	-1.20545	0.3439898	1.2595	1.2595	0.794504	0.754971	1.32474	0.0775241	0.754971	1.32474	0.0775241	0.754971	1.32474	0.0775241	12.3555	10.5114	1
cg24015316	GTSE1;CNSH6.4	0.481658	0.913478	1.07834	1.07834	0.166872	1.78064	1.78064	0.0564722	4.47514	4.47514	0.484293	0.610652	-1.63759	0.549934	0.657207	-1.52159	0.995583	0.996166	-1.00385	0.773367	0.818443	1.22185	0.699993	1.30824	1.30824	0.4526	1.70361	1.70361	0.13415	7.95577	6.77927	1
cg26068899	MAPKBP1;MAPKBP3	0.481667	0.920077	0.991053	-1.00951	0.9580018	0.993001	1.163506	0.0553153	0.852264	1.04514	0.665167	0.948655	-1.05441	0.548856	0.810828	-1.23361	0.559392	0.775458	-1.29003	0.5014044	0.966184	1.04101	0.559342	0.774963	-1.29077	0.502404	0.943438	1.06031	0.86783	0.854001	0.727958	1
cg17596142	SOX13	0.481725	0.808448	1.09682	1.09682	0.128532	1.86836	1.86836	0.326249	0.680011	-1.47056	0.98492	0.992835	-1.00722	0.241178	0.626989	1.59492	0.960064	0.981128	-1.01923	0.212677	1.64774	1.64774	0.91101	0.958353	-1.04346	0.353884	0.695642	-1.43752	0.14302	2.39145	2.03805	1
cg24631162	BAT1;BAT1 RPN2;CSorf132;RPN2;C2orf132;C2Lo	0.481729	0.472677	0.718428	-1.39193	0.277455	0.599684	-1.66755	0.245108	1.73401	1.73401	0.818865	1.10943	1.10943	0.525121	0.747111	-1.33849	0.57417	0.773332	-1.29311	0.0797983	0.41472	-2.41126	0.319669	0.627775	-1.59293	0.794606	1.12538	1.12538	0.14302	3.3859	2.88556	1
cg15627502	JT32	0.481737	0.875477	0.960509	-1.04111	0.163966	1.46766	1.46766	0.123208	1.53578	1.53578	0.335016	0.774573	-1.29103	0.628004	0.882099	-1.13366	0.705991	0.907217	-1.10227	0.256386	0.737579	-1.35579	0.86088	0.95593	-1.0461	0.765751	1.07979	1.07979	1.043	1.09047	0.929338	1
cg04237663	KCNV1	0.481777	0.146057	0.280313	-3.56753	0.625375	0.75026	-1.33291	0.0626	0.558714	1.23138	0.231838	0.499581	2.00211	0.02441	0.124441	8.03611	0.393159	1.32886	1.32886	0.424088	0.774051	1.29193	0.615174	0.774051	1.29193	0.615174	1.17701	1.17701	0.04294	1.67182	1.44987	1
cg13301281	CRE B5;CRE B5;CRE B5	0.481778	0.84197	0.923989	-1.08364	0.572127	0.708047	-1.41233	0.122464	0.363404	-2.75176	0.40039	1.68302	1.68302	0.65225	0.760069	-1.31567	0.690784	1.23756	1.27356	0.360378	0.56627	-1.76594	0.163245	2.45957	2.45957	0.453449	1.58703	1.58703	0.04294	0.04153	0.54914	1
cg25985455	PSMA7	0.481786	0.60161	2.08238	2.08238	0.99308	1.012115	1.012115	0.978539	0.963236	-1.03837	0.556087	2.2912	2.2912	0.237456	5.60326	5.60326	0.083757	0.0696061	-14.3666	0.399571	1.32289	1.32289	0.566226	2.24211	2.24211	0.233023	5.72825	5.72825	0.04293	32.0282	27.2976	1
cg13780950	C10orf54	0.481794	0.569028	0.877493	-1.13972	0.3911	1.275425	1.275425	0.0744	1.24793	1.24793	0.309254	0.821728	1.21702	0.486296	1.21702	1.21702	0.479494	1.3545	1.3545	0.0664	2.42952	2.42952	0.240927	1.56295	1.56295	0.186092

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1040T vs. N)	Fold-Change(1040T vs. N)	p-value(1050T vs. N)	Fold-Change(1050T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg24204951	PER2	0.482289	0.669928	0.763781	-1.30928	0.175775	0.404647	-2.47129	0.572684	1.43081	1.43081	0.596816	1.39866	0.275113	0.48988	-2.04132	0.582187	1.41797	1.41797	0.328193	0.530316	-1.88567	0.284785	1.97958	1.97958	0.279066	2.02848	2.02848	1.04198	6.51824	5.56056	1
cg03136359	HECW1	0.482289	0.227621	0.327285	-3.05544	0.887951	0.883091	-1.13239	0.456769	1.95105	1.95105	0.994791	0.99426	-1.00577	0.171865	0.277314	-3.60602	0.382926	0.454266	-2.20136	0.127403	0.233691	-4.27915	0.157048	0.263254	-3.79862	0.566904	0.600231	-1.66603	0.104198	12.83445	10.9489	1
cg14689365	NCAPG2	0.482291	0.380458	0.706464	-1.4155	0.840862	1.08075	1.08075	0.948517	1.02525	1.02525	0.384889	1.41072	1.41072	0.204634	1.67697	1.67697	0.464831	1.33286	1.33286	0.671532	0.848109	-1.17909	0.260527	0.635542	-1.57346	0.12897	1.38454	1.38454	0.04198	2.46194	2.10023	1
cg09782094	RDX4	0.482305	0.991627	0.995259	-1.00476	0.327804	0.612926	-1.58057	0.342605	1.55717	1.55717	0.365923	1.53209	1.53209	0.403538	0.677799	-1.47537	0.261177	0.588158	-1.7002	0.124516	0.470814	-2.12398	0.358904	0.652275	-1.5331	0.858208	1.08437	1.08437	0.04195	3.38548	2.88816	1
cg24514954	C1orf128	0.482311	0.058955	1.71309	1.71309	0.345532	1.27789	1.27789	0.910708	1.41867	1.41867	0.518318	1.17973	1.17973	0.595576	0.873534	-1.14477	0.736121	1.08912	1.08912	0.404354	0.806253	-1.24031	0.740167	1.08763	1.08763	0.795099	1.06789	1.06789	0.04194	1.05127	0.896851	1
cg24328927	PMMA3	0.482353	0.295251	0.23167	-4.31648	0.811595	1.33974	1.33974	0.920395	1.13024	1.13024	0.186153	1.56629	1.56629	0.192033	5.46967	5.46967	0.154077	0.154307	-6.48058	0.9531	1.0747	1.0747	0.909663	0.954449	-1.04768	0.646429	0.567953	-1.76071	0.04194	24.7548	21.1186	1
cg04572429	SDK1	0.482314	0.291329	0.709593	-1.40926	0.977673	1.00881	1.00881	0.396156	0.761666	-1.31291	0.698672	0.885256	-1.12962	0.389459	0.758573	-1.31827	0.530003	0.819283	-1.22058	0.025639	0.434525	-2.30136	0.669226	0.874024	-1.14413	0.393416	0.760404	-1.31509	0.149193	1.6199	1.38196	1
cg11044590	CDC42EP3;CDC42EP3	0.482315	0.199403	0.663571	-1.5077	0.214586	0.073546	-2.46868	0.165443	1.06443	1.06443	0.19644	?	?	0.132699	0.612181	-1.6335	0.885865	1.0444	1.0444	0.909791	0.956297	-1.03488	0.669025	0.878205	-1.13869	0.287787	1.39631	1.39631	0.03288	1.33942	1.28807	1
cg21546981	PDE6B;PDE6B;PDE6B	0.482329	0.640111	0.863802	-1.15767	0.78741	1.06562	-1.10551	0.463583	0.979294	-1.26108	0.174507	1.56688	1.56688	0.226752	1.4838	1.4838	0.946002	0.97916	-1.02128	0.087629	1.79827	1.79827	0.443949	1.2375	1.275	0.745441	1.1061	1.1061	0.04192	1.59531	1.361	1
cg14624920	SURF2	0.482322	0.80172	0.816482	-1.22477	0.147707	3.49571	3.49571	0.0426258	0.55855	0.55855	0.97264	0.972744	-1.02802	0.590739	1.54873	1.54873	0.587594	0.643255	-1.55459	0.731429	1.31997	1.31997	0.806689	1.21841	1.21841	0.780718	0.798623	-1.25216	0.04192	10.7138	9.14022	1
ch.10.17615458	C10orf118	0.482332	0.34122	0.74963	-1.33426	?	?	?	0.45997	0.405886	2.46355	2.46355	0.326506	3.06355	0.708307	1.41169	1.41169	0.161567	0.28552	-3.50168	0.607555	0.646135	-1.54742	0.95305	1.04995	1.04995	0.941285	1.06285	1.06285	0.04193	1.24972	0.936189	0.953364	1.04909

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11088029	RCOR3;RCOR3;RCOR3;RCOR3	0.483009	?	?	?	?	1.47477	1.47477	0.307857	1.73372	1.73372	?	?	0.68064	0.81748	1.22327	?	?	?	?	?	?	?	?	0.299703	0.575516	1.73757	1.00668	1.63931	2.03554	1
cg02659431	SPRY4;SPRY4	0.483015	0.515821	1.3229	1.3229	1.44422	1.94613	1.94613	0.442028	1.39504	1.39504	0.80022	1.11371	1.11371	0.416995	1.42231	1.42231	0.157178	1.91991	1.91991	0.765681	2.30856	2.03086	0.211742	1.74841	1.74841	0.271085	1.62681	1.62681	1.04064	2.97279	2.53929	1
cg25599739	UBR4	0.483017	0.362573	0.795658	-1.25682	0.98756	0.996199	-1.00382	0.616972	1.13108	1.13108	0.747058	0.923997	-1.08225	0.0931926	0.636922	-1.57005	0.196294	0.716228	-1.3962	0.63386	1.12436	1.12436	0.128131	0.669131	-1.49448	0.900648	0.969952	-1.03098	1.04063	0.983399	0.84	1
cg01570068	KBTBD11	0.483022	0.172617	0.193276	-5.17394	0.285817	0.285009	-3.50866	0.587911	0.538206	-1.85802	0.861606	1.21846	1.21846	0.0752503	0.106148	-9.42079	0.888051	0.853677	-1.1714	0.917975	1.12372	1.12372	0.334198	0.36894	0.68894	0.470333	0.440998	-2.26758	1.04062	2.11328	18.0514	1
cg04586023	HDAC10;HDAC10	0.483035	0.415733	2.18129	2.18129	0.53018	1.20863	1.20863	0.147499	1.589	1.589	0.481612	1.23756	1.23756	0.357835	1.32547	1.32547	0.049636	1.94905	1.94905	0.239283	1.29396	1.29396	0.357835	1.32547	1.32547	0.094759	-1.1553	1.0406	1.46336	1.25002	1
cg09693433	CDK13;CDK13	0.483038	0.435486	0.863363	-1.16095	0.82448	1.04258	1.04258	0.178063	1.38021	1.38021	0.368203	1.18948	1.18948	0.497353	1.1809	1.1809	0.344582	1.20053	1.20053	0.177994	0.764369	-1.30827	0.486529	1.14494	1.14494	0.297544	1.22475	1.22475	1.04059	0.580847	0.496167	1
cg21657816	COQ7	0.483045	0.643652	0.919498	-1.08755	0.171471	0.769279	-1.29992	0.510754	0.886759	-1.12771	0.538126	1.11886	1.11886	0.339559	1.19385	1.19385	0.887391	0.974796	-1.02586	0.288156	0.819817	-1.21978	0.167296	1.30371	1.30371	0.543232	1.11724	1.11724	1.04058	0.534948	0.456965	1
cg06191990	TSPAI	0.483045	0.505785	0.911215	-1.09744	0.702456	0.948518	-1.05428	0.166142	1.17299	1.17299	0.528183	0.915755	-1.0927	0.723466	1.05014	1.05014	0.375992	0.882396	-1.13329	0.1127	0.788381	-1.26842	0.315069	0.860705	-1.1538	0.191272	1.14802	1.14802	1.04058	0.312528	0.260969	1
cg19563433	TBC1D14;TBC1D14	0.48305	0.939144	0.979931	1.02048	0.753456	0.919745	-1.08726	0.233123	1.39586	1.39586	0.0782289	1.68114	1.68114	0.47886	0.82601	-1.21064	0.925512	1.02514	1.02514	0.343352	0.849308	-1.17743	0.459854	1.12216	1.12216	0.325259	0.763608	-1.30957	1.04057	1.16181	0.992452	1
cg13535779	RBM18;RBM18;MRRF;RBM18;MRRF	0.483053	0.472152	1.4472	1.4472	0.893005	0.934404	-1.0702	0.446506	0.675499	-1.48039	0.583154	0.755925	-1.32288	0.15669	0.462245	-2.16336	0.612105	0.338412	-2.95498	0.958285	0.973975	-1.02672	0.595801	0.763232	-1.31022	0.262577	0.552867	-1.80875	1.05495	4.1567	3.06459	1
cg27617228	C5orf21	0.483055	0.564066	0.824057	-1.21301	0.231257	1.15691	1.15691	0.0852702	1.04827	1.04827	0.748227	1.12393	1.12393	0.301596	1.09307	1.09307	0.152564	0.834898	-1.2007	0.0784485	1.19277	1.19277	0.515252	1.12394	1.12394	1.12341	0.63146	0.851827	-1.17395	1.04056	1.81469	1.55018	1
cg01935960	C16orf72;ZNF276;ZNF276	0.483058	0.746472	0.939999	-1.06383	0.224588	1.27549	1.27549	0.501015	0.877849	-1.13915	0.321173	1.21593	1.21593	0.596561	1.10728	1.10728	0.485045	1.14492	1.14492	0.974495	1.00612	1.00612	0.0570994	1.50774	1.50774	0.312318	1.22063	1.22063	1.04056	0.596645	0.512243	1
cg08643005	TCF3 PSMG3;KIAA1908;KIAA1908;PSMG3;PS	0.483066	0.424759	1.19438	1.19438	0.552632	0.877303	-1.13986	0.664964	0.909421	-1.0996	0.196421	1.34668	1.34668	0.298476	0.7907	-1.2647	0.670722	1.09767	1.09767	0.501188	0.861771	-1.1604	0.1048	1.47151	1.47151	0.78287	1.06205	1.06205	1.04054	0.782522	0.668473	1
cg03862760	MG3;KIAA1908	0.483066	0.607898	1.07833	1.07833	0.395342	0.88086	-1.11525	0.551173	0.915878	-1.09185	0.83678	1.03052	1.03052	0.487549	0.902322	-1.10825	0.506409	0.906428	-1.10323	0.762442	1.33303	1.33303	0.4087	0.884137	-1.13105	0.296373	0.854152	-1.17075	1.04054	0.34998	0.298972	1
cg00325917	SEL1L;SEL1L	0.483071	0.0909414	0.662127	-6.05523	0.230274	0.295935	-3.37912	0.158073	0.233582	-4.28152	0.605679	1.53202	1.53202	0.162191	0.237973	-4.21278	0.889856	0.841881	-1.1882	0.401	0.475465	-2.10321	0.565387	0.57121	-1.75067	0.604361	0.604283	-1.65485	1.04053	1.3035	1.01753	1
cg05718160	BIRC6	0.483074	0.449344	0.792914	-1.26117	0.430461	1.27408	1.27408	0.490833	1.23447	1.23447	0.583373	0.846438	-1.18142	0.10198	0.583466	-1.7139	0.657558	0.874342	-1.14372	0.85453	1.0568	1.0568	0.149882	1.59127	1.59127	0.803576	1.07722	1.07722	1.04053	1.49301	1.27543	1
cg10445641	LOC285548	0.483075	0.130285	1.47888	1.47888	0.0647984	0.614062	0.614062	0.672516	1.45072	1.45072	0.457888	1.94098	1.94098	0.574333	0.609575	-1.64318	0.962	0.959164	-1.04258	0.801352	0.8020324	-1.24685	0.963688	2.26349	2.26349	0.368563	2.24385	2.24385	1.04053	12.6202	10.781	1
cg04953213	PLEKHG4B	0.483078	0.545868	1.11206	1.11206	0.291211	0.82678	-1.20851	0.531582	0.896671	-1.11524	0.884457	0.958697	-1.04358	0.293408	0.0995166	0.730846	0.472521	0.868682	-1.1511	0.207403	1.25973	1.25973	0.295145	0.589285	-1.112	0.617825	1.09129	1.09129	1.04052	0.497069	0.424634	1
cg11750034	KRBA1	0.483081	0.0766839	0.537628	-1.85933	0.774211	1.09483	1.09483	0.274869	0.699174	-1.43026	0.574023	0.836178	-1.19592	0.471357	0.793904	-1.2596	0.384683	0.755215	-1.32413	0.299205	1.40343	1.40343	0.540978	0.82288	-1.21524	0.279731	0.701898	-1.42471	1.04052	1.63514	1.39686	1
cg02188776	AAK1	0.483085	0.364702	1.27867	1.27867	0.49005	1.15875	1.15875	0.732693	1.09473	1.09473	0.650755	1.14686	1.14686	0.394272	0.794302	-1.2589	0.148007	0.664414	-1.50463	0.90721	0.8996955	-1.11125	0.157564	0.756282	-1.32226	0.640251	1.14788	1.14788	1.04051	0.794287	0.690212	1
cg01924300	PCCB	0.483086	0.540743	1.15336	1.15336	0.204983	0.734821	-1.36088	0.187509	1.37966	1.37966	0.746072	1.07774	1.07774	0.71719	1.08742	1.08742	0.588039	1.13429	1.13429	0.110486	1.49291	1.49291	0.371995	1.23514	1.23514	0.591341	0.882608	-1.13301	1.04051	0.87481	0.747338	1
cg27189395	C16orf55;CHMP1A;CHMP1A	0.483087	?	?	?	?	0.875303	0.977633	-1.48422	0.286569	0.982713	0.103873	0.644091	0.644091	0.34638	1.34638	?	0.144668	0.35892	-2.78613	0.553307	0.682479	-1.46525	0.371209	0.553603	-1.80606	0.491594	1.55911	1.55911	1.05286	5.02324	4.68948	1
cg08166554	FBXL16;FBXL16	0.483089	0.816325	0.945103	-1.05809	0.534428	0.858403	-1.16495	0.872524	1.03974	1.03974	0.917242	1.02554	1.02554	0.509264	1.17641	1.17641	0.299639	0.7704	-1.29803	0.114522	1.51668	1.51668	0.195625	1.39392	1.39392	0.223528	1.36388	1.36388	1.0405	0.9704402	0.829004	1
cg10343233	RAD51;RAD51;RAD51;RAD51	0.483093	0.458179	1.22552	1.22552	0.876559	1.04273	1.04273	0.880715	1.04125	1.04125	0.860136	1.04862	1.04862	0.179816	1.46741	1.46741	0.583361	1.16081	1.16081	0.705659	0.902897	-1.10755	0.98077	0.993552	-1.00651	0.031421	1.97278	1.97278	1.04049	1.19424	1.02023	1
cg26965819	YWHAG	0.483096	0.717232	1.08477	1.08477	0.52313	0.781711	-1.27924	0.488115	0.793123	-1.26084	0.483135	1.33681	1.33681	0.0885	2.02506	-1.58817	0.719504	1.08514	1.08514	0.585	1.4408	1.4408	0.359233	1.3637	1.3637	0.799901	1.08717	1.08717	1.04049	1.78435	1.52437	1
cg23165640	THBS1	0.483099	0.301569	0.492511	-2.03041	0.175304	0.385297	-2.5954	0.100859	0.304513	-3.28393	0.576959	0.688733	-1.45194	0.282286	0.477437	-2.09452	0.561886	0.678363	-1.47414	0.104568	0.309145	-3.23473	0.906759	0.925397	-1.08062	0.759897	1.22487	1.22487	1.04048	7.21531	6.16408	1
cg19933196	C1orf157	0.483099	0.451267	0.486053	-2.0551	0.130727	0.647335	0.647335	0.563267	0.830372	-1.2041	0.5163	1.32362	1.32362	0.222607	1.49511	1.49511	0.558872	0.582388	-1.71707	0.307266	0.93779	-1.06703	0.722668	0.93779	-1.06703	0.554372	0.554372	-1.80754	1.04047	14.5147	12.4	1
cg23957118	PBRM1; SH2D3C;SH2D3C;SH2D3C;SH2D3C;SH2	0.48311	0.257838	0.372289	-2.68609	0.323003	0.425602	-2.34961	0.994924	0.994691	-1.00534	0.47844	0.547146	-1.82767	0.147624	0.272512	-3.66957	0.157263	0.282046	-3.54552	0.100401	0.221348	-4.51777	0.187472	0.310677	-3.21878	0.725015	0.744128	-1.34385	1.04046	0.15394	9.85835	1
cg27331292	D3C;SH2D3C	0.483112	0.731259	1.15523	1.15523	0.216798	0.580453	-1.72279	0.223219	1.70858	1.70858	0.398814	1.43556	1.43556	0.703935	0.852312	-1.17328	0.470052	0.735208	-1.36016	0.726074	0.8631	-1.15861	0.429788	0.713668	-1.40121	0.158188	1.88036	1.88036	1.04046	2.88684	2.46629	1
cg04553232	KAL1	0.483121	0.491154	0.684631	-1.46064	0.107904	2.58684	2.58684	0.277863	1.84298	1.84298	0.512127	0.703086	-1.4223	0.302565	0.560672	-1.78357	0.935032	1.04516	1.04516	0.921076	1.05516	1.05516	0.252292	1.91725	1.91725	0.535022	1.40548	1.40548	1.04044	4.83707	4.1325	1
cg18797173	PKP2;PKP2	0.483123	0.649461	1.09722	1.09722	0.470045	1.20784	1.20784	0.253318	1.37666	1.37666	0.126285	0.873466	-1.14465	0.0789	1.64002	-1.80817	0.335237	1.3564	1.3564	0.163713	0.809851	-1.2348	0.201777	1.34707	1.34707	0.372081	1.22453	1.22453	1.04043	0.82902	0.687768	1
cg10640181	MYO10	0.483133	0.46772	0.841852	-1.18786	0.13796	0.108955	1.08955	0.953816	1.01358	1.01358	0.724474	1.08595	1.08595	0.0515499	0.596722	-1.67582	0.167007	1.40948	1.40948	0.998696	0.999619	-1.00038	0.779987	0.936841	-1.06742	0.903673	0.972187	-1.02861	1.04042	1.894399	0.764132	1
cg14989308	NKD1	0.483136	0.151145	0.531423	-1.88174	0.112636	0.491767	-2.03348	0.210842	0.587136	-1.70318	0.382241	0.558882	-1.78929	0.211983	0.58256	-1.71656	0.977003	1.01192	1.01192	0.313913	0.651797	-1.53422	0.325237	0.65871	-1.51812	0.358386	0.678318	-1.47423	1.04043	0.27304	0.23772	1
cg02288017	C5orf15;C5orf15	0.483136	0.0854303	0.672612	-1.48702	0.0762	0.977562	-1.0242	-1.48452	0.286569	0.538528	-1.85691	0.821784	0.821784	0.0442662	0.520252	-1.92159	0.0772269	0.631261	-1.58365	0.0441149	0.644642	-1.55168	0.350503	0.584222	-1.7117	0.931074	1.04058	1.04041	1.04041	1.15514	0.40485	1
cg16450464	CCT6P1	0.483136	0.479118	1.35266	1.35266	0.195692	0.562976	-1.77627	0.196444	0.56213	-1.77895	0.938536	0.96814	-1.03291	0.334518	1.51873	1.51873	0.400609	0.69682	-1.43509	0.229318	0.58883	-1.69828	?	?	?	0.969246	0.983944	-1.01632	1.03133	2.5593	2.48156	1
cg09852206	CSTF2T;PRKG1;PRKG1	0.483138	0.343027	1.37882	1.37882	0.402007	0.972233	-1.02856	0.2964	1.54496	1.54496	0.483267	0.947953	-1.05511	0.0197	2.13026	-1.66587	0.809917	1.26093	1.26093	0.0472142	1.68334	1.68334	0.987035	0.993493	-1.00655	0.697961	1.16963	1.16963	1.04041	2.60999	2.2726	1
cg02937237	NR1D1	0.483138	0.932008	1.01556	1.01556	0.29768	1.21659	1.21659	0.161857	1.30126	1.30126	0.161066	0.762767	-1.31102	0.300346	1.21429	1.21429	0.718469	0.76769	1.30269	0.153093	0.889661	-1.11899	0.401915	1.16789	1.16789	0.671663	0.924717	-1.08141	1.04041	0.539277	0.460739	1
cg01337293	RUNX1;RUNX1;RUNX1	0.48314	0.143602	0.657188	-1.52164	0.912854	1.02968	1.02968	0.419792	1.24632	1.24632	0.320925	1.31514	1.31514	0.6199	1.14289	1.14289	0.081719	1.67422	1.67422	0.551899	1.17442	1.17442	0.611438	1.14667	1.14667	0.921655	1.02663	1.02663	1.04041	1.17583	1.00459	1
cg18245415	RNF41;RNF41;RNF41;RNF41	0.483145	0.452307	0.480353	-2.0811	0.130177	0.474335	0.474335	0.563267	0.830372	-1.2041	0.5163	1.32362	1.32362	0.222607	1.49511	1.49511	0.558872	0.582388	-1.71707	0.307266	0.93779	-1.06703	0.722668	0.93779	-1.06703	0.554372	0.554372	-1.80754	1.04047	14.5147	12.4	1
cg13808584	SMARCA5	0.483148	0.131815	1.77083	1.77083	0.370816	1.37759	1.37759	0.634937	0.846845	-1.18085	0.144241	1.73437	1.73437	0.407669	0.774666	-1.29088	0.606219	0.834635	-1.19813	0.626434	1.15858	1.15858	0.29191	1.24826	1.24826	0.465932	0.772372	-1.29471	1.05476	1.97106	1.45345	1
cg09441820	NSMAF	0.483155	0.526789	1.07997	1.07997	0.52313	0.781711	-1.27924	0.488115	0.793123	-1.26084	0.483135	1.33681	1.33681	0.0885	2.02506	-1.58817	0.719504	1.08514	1.08514	0.585	1.4408	1.4408	0.359233	1.3637	1.3637	0.799901	1.08717	1.08717	1.04049	1.78435	1.52437	1
cg19156335	NCAPG2	0.483151	0.925438	0.958833	-1.04293	0.907066	1.05385	1.05385	0.753041	1.15229	1.15229	0.126588	0.476083	-2.10048	0.611037	0.794257	-1.25904	0.204061	0.547737	-1.82569	0.11544	0.4636672	-2.1567	0.586501	1.27973	1.27973	0.485703	1.37457	1.37457	1.04039	3.32331	2.83938	1
cg20159793	KRTAP;KRTAP	0.483155	0.273587	0.743749	-1.34535	0.18929	1.45671	1.45671	0.100714	0.643659	-1.6264	0.587275	1.15982	1.15982	0.227266	1.38619	1.38619	0.749746	1.09043	1.09043	0.898355	1.03518	1.03518	0.464032	0.868021	-1.15204	0.329911	0.761856	-1.31258	1.04038	1.2059	1.03031	1
cg21196132	CARD14	0.483168	0.918543	1.0165	1.0165	0.660264	1.04685	1.04685	0.642863	1.22994	1.22994	0.349934	1.01666	1.01666	0.377135	1.09836	1.09836	0.324044	1.31896	1.31896	0.125959	1.08616	1.08616	0.49651	0.931022	-1.07409	0.0457703	1.26752	1.26752	1.04035	0.176579	0.150871	1
cg21505338	KDR	0.483168	0.858851	1.06284	1.06284	0.304842	0.695027	-1.43879	0.414013	1.33096	1.33096	0.273808	0.677132	-1.47632	0.288509	0.685744	-1.45827	0.510818	0.795841	-1.25653	0.406886	0.747901	-1.33708	0.649717	1.16946	1.16946	0.151912	1.69139	1.69139	1.04035	1.93143	1.65023	1
cg04491371	HIST1H1D;HIST1H1D	0.483182	0.585684	1.01776	1.01776	0.709737	1.07996	1.07996	0.831054	1.04703	1.04703	0.886772	1.18365	1.18365	0.243084	0.792004	-1.26252	0.740766	1.04961	1.04961	0.753033	0.746746	-1.33914	0.409593	0.774247	1.17447	0.315643	1.21896	1.21896	1.04035	0.660079	0.515716	1
cg26995204	DNMT3A;DNMT3A;DNMT3A	0.483172	0.379751	0.775637	-1.28926	0.804688	0.933137	-1.07165	0.330744	0.753531	-1.32709	0.354408	0.764413	-1.30819	0.956077	1.01565	1.01565	0.695751	0.895102	-1.11719	0.033491	0.496357	-2.01468	0.977419	1.00801	1.00801	0.218943	0.694497	-1.43989	1.04035	1.31005	1.11933	1
cg26254356	CDH15	0.483193	0.661579	0.732763	-1.36625	0.436125	0.836319	1.1957	-1.19576	0.669028	1.49433	0.525703	1.41237	1.41237	0.302852	0.813939	-1.22895	0.374215	0.703503	1.42127	0.302852	0.813939	-1.22895	0.374215	0.703503	1.42127	0.302852	0.813939	-1.22895	1.04035	0.585173	1.77089	1.30351	1
cg04134916	C6orf72	0.483194	0.808216	1.04697	1.04697	0.743624	0.916932	1.06392	1.06392	0.776776	1.70196	1.70196	0.4490617	1.17277	1.17277	0.938928	1.03033	0.714153	1.0719	1.0719	0.410003	1.17236	1.17236	0.966713	1.00791	1.00791	0.615957	1.10015	1.10015	1.04031	0.58688	0.501459	1
cg00510718	PIK3CG;PIK3CG	0.483211	0.568715	1.46621	1.46621	0.770926	0.823697	-1.21404	0.176162	0.384666	-2.59966	0.56218	0.666514	-1.50034	0.233532	0.4276	-2.33863	0.584348	1.44339	1.44339	0.165235	0.374064	-2.67334	0.357331	1.8755	1.8755	0.354088	0.5308	1.88395	1.04027	7.27109	6.21296	1
cg23278196	ATP5G2;ATP5G2	0.483216	0.253624	0.372289	-2.68609	0.323003	0.425602	-2.34961	0.994924	0.994691	-1.00534	0.47844	0.547146	-1.82767	0.147624	0.272512	-3.66957	0.491237	0.5567	-1.7957	0.073501	0.18489	1.08489	0.0825705	0.154045	0.0862649	0.193388	0.103488	0.104027	1.04027	0.0903631	0.0349495	1
cg05560165	TCF7;TCF7;TCF7;TCF7;TCF7;TCF7;TCF7	0.483218	0.142147	0.655258	-1.52612	0.816446	1.06427	1.06427	0.730444	0.911514	-1.09708	0.415722	0.800247	-1.24961	0.370145	0.781502	-1.27959	0.830908	0.944326	-1.05896	0.170827	1.47797	1.47797	0.218251	0.706861	-1.41471	0.568823	1.16775	1.16775	1.04026	1.18227	1.01023	1
cg03249985	WDR62;WDR62;THAP8;THAP8	0.483222	0.712408	1.29581	1.29581	0.428117	1.7616	1.7616	0.90275	0.923316	-1.08305	0.498785	0.618417	-1.61703	0.171215	0.360714	-2.77228	0.783628	1.21246	1.21246	0.486007	1.64124	1.64124	0.101775	0.285451	-3.50323	?	?	?	1.03116	7.11121	6.88629	1
cg02455703	ABHD8	0.483234	0.488982	0.855051	-1.16952	0.610691	1.12118	1.12118	0.325177	0.797452	-1.25399	0.319743	1.25742	1.25742	0.146156	1.41559	1.41559	0.379387	1.2225	1.2225	0.138714	1.42628	1.42628	0.648101	1.10779	1.10779	0.859143	0.961199	-1.04037	1.04023	0.817658	0.698697	1
cg01695532	STRN	0.483241	0.620381	1.23155	1.23155	0.608417	1.14331	1.14331	0.516021	0.916921	-1.09077	0.665671	1.03448	1.03448	0.956651	1.03448	1.03448	0.469347	1.09151	1.09151	0.599511	1.27705	1.27705	0.180206	0.582406	-1.71707	0.307266	0.554372	-1.80754	1.04022	12.7059	10.8575	1
cg04881214	PPM1B;PPM1B;PPM1B;PPM1B;PPM1B	0.483266	0.346496	2.45908	2.45908	0.68719	0.686801	-1.45603	0.356112	0.241325	0.241325	0.32914	0.320914	0.673334	1.48224	1.48224	0.820756	1.23446	1.23446	0.137474	0.226578	-4.41348	0.219609	0.301765	-3.31383	0.813647	1.24504	1.24504	1.04017	14.1916	12.1275	1
cg10184159	NBEAL1	0.483266	0.16471	0.586225	-1.70583	0.36538	1.39805	1.39805	0.294723	1.47925	1.47925	0.099654	0.521965	-1.91584	0.830663	0.925743	-1.08021	0.58423	1.2203	1.2203	0.792335	0.909313	-1.09973	0.919472	1.03711	1.03711	0.760634	1.895754	-1.11638	1.04017	2.13848	1.82745	1
cg08474417	ZNF827	0.483272	0.899344	0.913093	-1.09518	0.100281	1.64595	1.64595	0.050737	0.94931	0.94931	0.982684	0.984528	-1.01571	0.987306	1.0115	1.0115	0.735575	1.25774	1.25774	0.308252	1.13332	1.13332	0.831387	1.16555	1.16555	0.883662	0.900148	-1.11093	1.04016	8.50324	7.2666	1
cg07003940	PANX4	0.483279	0.891328	0.956664	1.04509	0.13852	1.48448	1.48448	0.704988	0.674697	1.63829	0.2289	0.729789	1.09059	1.0819	0.507798	1.8133	1.8133	0.301538	0.76837	-1.30406	0.48286	2.07149	0.482	1.19349	0.767525	0.70626	1.07626	0.463558	1.20327	1.20327	1.04015	1.01186	0.865999	1
cg12984349	INTS1	0.483319	0.169211	1.50114	1.50114	0.0464979	1.88217	1.88217	0.470556	1.22581	1.22581	0.51445	0.832467	-1.20125	0.878207	0.958359	-1.04345	0.621284	1.14812	1.14812	0.365825	1.29395	1.29395	0.571099	1.17207	1.17207	0.637717	1.1406	1.1406	1.04007	1.26722	1.08302	1
cg20439152	TMM8B;SDHD;TIMM8B	0.483325	0.818556	1.04951	1.04951	0.360501	1.21862	1.21862	0.753499	0.935891	-1.0685	0.0810522	0.667758	-1.50205	0.437342	0.640508	-1.5612	0.820979	0.953449	-1.04883	0.441055	0.667758	-1.50205	0.437342	0.640508	-1.5612	0.820979	0.953449	-1.04883	1.04015	1.34255	1.14255	1.04007	0.728652	0.623739	1
cg14341953	SIGMAR1;SIGMAR1	0.483325	0.549242	0.6683	-1.49633	0.21197	2.39749	2.39749	0.366295	1.85389	1.85389	0.15284	2.76835	2.76835	0.40082	2.56443	-1.2717	0.776058	1.20886	1.20886	0.222714	0.430793	-2.3213	0.706454	1.28612	1.28612	0.566854	1.4696	1.4696	1.04006	7.28584	6.22683	1
cg26449688	HLA-H	0.483326	0.616556	0.67915	-1.47243	0.0848236	0.232097	-4.30854	0.417704	0.530098	-1.88644	0.479973	1.73376	1.73376	0.26785	0.412896	-2.42192	0.480329	1.73296	1.73296	0.444027	0.540876	-1.84859	0.543685	1.60167	1.60167	0.352049	0.480007	-2.0833	1.04006	9.67479	8.26857	1
cg03308744	TUBA3E	0.483333

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-563T vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg23152743	KLHL2;KLHL2	0.483711	0.972264	-1.02853	0.585792	1.7128	1.7128	0.773461	0.754085	-1.32621	0.984594	0.981294	-1.01906	0.540165	0.54527	-1.83396	0.441176	0.463895	-2.15566	0.996038	1.00487	1.00487	0.0294359	12.2813	12.2813	0.749357	1.36816	1.36816	1.03935	15.7428	13.4638	1
cg25606097	KIFAP3	0.483714	0.551573	0.869147	-1.15055	0.374863	1.23622	1.23622	0.389233	1.22805	0.29008	1.13499	1.13499	0.604207	0.88537	-1.12947	0.31185	1.27582	1.25782	0.252739	1.32066	1.32066	0.612339	0.887832	-1.12634	0.129681	0.683077	-1.46396	0.03934	0.892257	0.763093	1
cg02471993	NEDD9;NEDD9;NED09	0.483721	0.521228	0.802333	-1.24637	0.299626	1.43923	1.43923	0.145365	1.69828	1.69828	0.198983	0.631453	-1.58565	0.365583	1.3701	1.3701	1.3701	0.777597	1.10067	1.10067	0.418727	0.755877	-1.33297	0.469889	1.28278	1.28278	0.728887	1.12503	1.12503	0.03933	1.88858	1.61521	1
cg01041264	EIF6;EIF6;EIF6;EIF6;EIF6	0.483723	0.316142	0.912431	-1.09597	0.127766	1.15674	1.15674	0.156	1.15674	0.925661	0.991782	-1.00829	0.973526	0.99707	-1.00294	0.192412	1.12975	1.12975	0.100465	0.839875	1.0298	1.0298	0.0246222	0.640941	1.57025	0.0239	0.852968	-1.17238	0.03932	0.454666	0.388859	1
cg13440960	CTDSPL;CTDSPL	0.483731	0.610234	1.37489	1.37489	0.0688328	3.53829	3.53829	0.166618	2.49256	2.49256	0.536969	1.47281	1.47281	0.437638	0.6124418	-1.63287	0.461057	1.59159	1.59159	0.246516	2.11807	2.11807	0.334238	1.85293	1.85293	0.717721	1.25211	1.25211	0.03931	0.313316	5.39943	1
cg27248583	ANKRD58	0.483746	0.20291	0.447521	-2.23453	0.110397	0.353222	-2.83108	0.476225	0.648365	-1.54234	0.157884	2.46744	2.46744	0.923108	0.943888	-1.05945	0.333322	0.550506	-1.81651	0.914495	0.937776	-1.06635	0.765721	0.836318	-1.19572	0.915762	0.938673	-1.06533	0.03929	5.88934	5.03708	1
cg00830813	ADAP1	0.483748	0.278641	1.72609	1.72609	0.0367715	2.49561	2.49561	0.28445	1.73195	1.73195	0.443278	1.46154	1.46154	0.805126	1.13725	1.13725	0.213904	1.68516	1.68516	0.325173	1.6361	1.6361	0.105831	2.35376	2.35376	0.274687	1.73453	1.73453	0.03928	3.86502	3.50572	1
cg28176056	SH3TC1	0.483748	0.429265	0.648298	-1.55425	0.188657	0.473226	-2.11316	0.801481	0.837437	-1.1449	0.990845	0.0156187	0.745804	-1.94083	0.0157665	0.208223	-3.3532	0.88451	0.924902	-1.08119	0.408735	0.635187	-1.57434	0.158192	0.444714	-2.24864	0.382812	0.618346	-1.61722	0.03928	0.474858	4.06142	1
cg27498304	EYA3	0.483754	0.0439929	1.68009	1.68009	0.664227	1.10286	1.10286	0.877815	1.03509	1.03509	0.444977	1.99071	1.99071	0.85328	1.04237	1.04237	1.04237	0.392894	0.821847	-1.21677	0.968633	0.991224	-1.00885	0.569079	0.878968	-1.1377	0.404759	0.826052	-1.21058	0.03927	0.827129	0.707444	1
cg15056348	INPP5A	0.483775	0.774616	0.863106	-1.15863	0.277585	1.62221	1.62221	0.166611	1.20807	1.20807	0.70127	1.70127	0.579767	1.18847	1.18847	0.237582	1.3001	1.3001	0.0309	0.588625	0.714555	1.39469	0.0939614	0.477444	2.09449	0.0357019	1.50191	0.619176	1.22244	1.22244	0.12927	2.64497	2.26224	1
cg23819653	TCF19;TCF19	0.483776	0.296202	0.275942	-3.62395	0.295591	3.63029	3.63029	0.612243	1.83604	1.83604	0.797155	0.736254	-1.35823	0.0649714	0.0851468	-11.7444	0.579012	0.513555	-1.94721	0.288683	0.2700009	-3.70358	0.979281	1.03135	0.103135	0.589949	0.523754	1.90929	0.03926	23.2582	19.893	1
cg02485151	AP2B1;AP2B1	0.483765	0.583464	0.873449	-1.1462	0.560157	1.15623	1.15623	0.515764	1.1763	1.1763	0.109005	0.650068	-1.5383	0.546544	1.16225	1.16225	1.16225	0.777903	0.93332	-1.07144	0.4629902	0.831833	-1.20216	0.177988	1.42329	0.402122	1.23644	1.23644	0.03925	0.959186	0.854792	1
cg00663376	PIGZ	0.483766	0.256505	0.753247	-1.32759	0.238476	1.94366	1.94366	0.413786	1.22127	1.22127	0.098377	1.54293	1.54293	0.816887	1.05706	1.05706	1.05706	0.647802	1.11632	1.11632	0.583358	0.87588	-1.14171	0.767522	0.931531	-1.0735	0.477858	0.841433	-1.18845	0.03925	0.942164	0.805849	1
cg10325336	SEC24C;SEC24C;SEC24C;SEC24C	0.483766	0.275271	1.32382	1.32382	0.559937	0.864643	-1.15683	0.20367	1.39318	1.39318	0.561256	0.864956	-1.15613	0.137264	1.48525	1.48525	1.48525	0.955335	0.986253	-1.01394	0.209229	1.38696	1.38696	0.238323	1.35697	1.35697	0.711383	1.0962	1.0962	1.03925	1.00537	0.85991	1
cg16140548	PLG	0.483767	0.176979	0.52055	-1.92105	0.305293	1.62082	1.62082	0.745849	1.14083	0.515765	0.628485	-1.59113	0.10809	0.450421	2.22015	2.22015	2.22015	0.508054	1.35691	1.35691	0.461108	0.7308808	-1.40685	0.672524	0.824419	-1.21339	0.790049	1.12908	1.12908	1.03925	3.40656	2.9137	1
cg06401909	EXT1	0.483769	0.395158	1.59266	1.59266	0.0713472	2.93386	2.93386	0.122832	2.44358	2.44358	0.972926	0.982027	-1.0183	0.864967	0.913053	-1.09523	0.298251	1.77932	1.77932	0.976851	0.9846513	-1.01563	0.720242	0.825149	-1.2119	0.683719	0.803404	-1.2447	1.03924	4.70092	4.02081	1
cg03119794	DENND2A	0.483774	0.337216	0.797824	-1.26932	0.635707	1.51189	1.12189	0.493483	0.826924	-1.2093	0.106284	0.653679	-1.5298	0.388009	0.80795	-1.2377	0.302754	0.773131	-1.29344	0.493774	1.1833	1.1833	0.633508	1.12275	1.12275	0.380895	1.24189	1.24189	1.03924	0.956226	0.817889	1
cg11880652	PAX2;PAX2;PAX2;PAX2;PAX2	0.483792	0.979584	-1.02096	0.990339	0.0153485	0.85667	-1.16731	0.0862254	0.745804	-1.94083	0.515765	0.885185	-1.2689	0.851167	1.02956	1.02956	1.02956	0.161388	0.752994	-1.26104	0.658025	0.933248	-1.07153	0.301914	0.804787	-1.18936	0.820343	1.03591	1.03591	1.0393	0.356833	0.338579	1
cg19800858	TRABD	0.483794	0.0813296	0.555677	-1.79961	0.623398	0.860275	-1.16242	0.376372	1.31792	1.31792	0.711275	1.1197	1.1197	0.415745	1.28782	1.28782	1.28782	0.628596	0.862241	-1.15977	0.169761	0.6409961	-1.56007	0.537733	0.827168	-1.20894	0.882449	0.956003	-1.04602	1.0392	1.52198	1.30185	1
cg04682916	GLI3	0.483799	0.497433	1.5747	1.5747	0.273621	1.88546	1.88546	0.0776206	0.905805	1.40536	1.40536	0.336604	1.58466	1.28778	1.7	1.7	1.7	0.495712	0.933851	-1.07126	0.728206	0.964535	-1.03664	0.427214	0.874052	1.11022	1.11022	1.03808	6.30021	6.11626	1
cg15475101	C12orf51	0.483812	0.243925	1.80276	1.80276	0.0341275	3.29275	3.29275	0.247255	1.79463	1.79463	0.541414	1.34828	1.34828	0.454226	1.44557	1.44557	1.44557	0.581334	1.30895	1.30895	0.193986	1.62136	1.62136	0.26069	1.7631	1.7631	0.659956	1.23865	1.23865	1.03916	3.84569	3.28956	1
cg06793286	PCGF6;PCGF6	0.483822	0.376197	0.854406	-1.17045	0.23091	1.29732	1.02059	0.0446626	0.0810359	0.648223	-1.54208	0.0178357	1.13525	1.13525	1.13525	1.13525	1.13525	0.558626	0.873458	-1.14488	0.343298	1.24664	1.24664	0.0304444	1.16674	1.16674	0.260892	1.30061	1.30061	1.03915	0.881328	0.792383	1
cg22158462	PLXNA2	0.483835	0.421548	0.47454	-2.1073	0.151953	0.02865	-4.02865	0.323183	2.52543	2.52543	0.563193	0.588242	-1.66998	0.101818	0.196723	5.08328	5.08328	0.937318	0.931085	-1.07402	0.667078	0.675104	-1.48125	0.939743	1.07105	1.07105	0.641123	0.65299	1.53142	0.03912	13.5645	11.6034	1
cg14740976	PARD3	0.483843	0.452703	0.547475	-1.82657	0.562819	0.630826	-1.58522	0.588568	1.53736	1.53736	0.748189	0.775963	-1.28872	0.515625	0.174736	-5.72291	0.490055	0.575719	-1.73696	0.65173	0.699982	-1.42861	0.167385	0.313804	-3.1867	0.207775	0.151339	-2.84626	0.03911	10.206	8.7306	1
cg08389940	GATA2	0.483857	0.0540706	1.61156	1.61156	0.70467	1.60309	1.72119	0.0711279	1.72119	1.72119	0.388586	1.32211	1.32211	0.72891	1.47727	1.47727	1.47727	0.238485	1.17058	1.17058	0.841633	0.449199	-2.22618	0.21681	0.885812	1.13048	1.13048	0.687372	0.726023	1.45569	1.47552	0.03911	0.972651	1.08	1
cg22976533	PACS2;PACS2	0.483857	0.779103	1.13359	1.13359	0.377004	1.49815	1.49815	0.30768	1.60136	1.60136	0.247889	1.71373	1.71373	0.240338	0.578007	-1.73008	0.352838	1.53159	1.53159	0.22722	0.568196	-1.75996	0.3903	1.48072	1.48072	0.647982	1.2275	1.2275	1.03908	3.27221	2.79923	1
cg08935410	TSPAN9;TSPAN9	0.483859	0.344965	0.781391	-1.27975	0.292029	0.825437	1.1558	1.1558	0.515888	1.53577	1.53577	0.401307	1.53577	0.588093	-1.70048	0.650272	0.572931	-1.74541	0.129896	0.242183	4.12944	0.402022	0.572931	-1.74541	0.129896	0.242183	4.12944	0.402022	-2.27676	0.186276	0.158683	0.03902	0.708382	0.6488	1
cg03184357	RAD54L2	0.483861	0.233257	1.521404	-1.9179	0.942744	1.03814	1.03814	0.621509	0.771584	-1.29603	0.963065	1.00242	1.00242	0.12279	0.418437	2.38985	2.38985	0.429973	1.657194	1.52162	0.0542005	0.319955	-3.12544	0.816117	0.12905	1.12905	0.705259	0.820373	1.21896	1.03907	1.46799	3.8222	1
cg20865740	CDC40	0.483863	0.512671	0.793212	-1.2607	0.0628788	0.481838	-2.07539	0.777668	0.905952	-1.10381	0.749139	0.894098	-1.11845	0.98817	1.00519	1.00519	1.00519	0.2127	1.5808	1.5808	0.498477	1.31749	1.31749	0.85931	1.06386	1.06386	0.40395	0.742324	-1.34712	0.03907	2.00336	1.71381	1
cg19360115	KCND2;KCND2	0.483872	0.443461	1.417557	-1.41	0.39488	0.502587	1.99206	0.16586	2.16586	0.16586	0.184775	0.586532	1.70476	1.84716	0.46942	2.1316	2.1316	0.387021	1.03185	1.03185	0.865072	0.82759	-1.20833	0.862609	0.72196	1.21362	1.21362	0.501707	1.24283	1.03905	0.15992	6.25388	5.47588	1
cg26298192	STK32C	0.483876	0.987725	1.00747	1.00747	0.0480033	2.97485	2.97485	0.522927	0.730997	-1.36799	0.518445	1.37276	1.37276	0.640026	0.796164	1.25602	1.25602	0.876558	1.07813	1.07813	0.153789	2.09389	0.54598	1.34411	1.34411	0.699269	1.20667	1.20667	1.03905	0.345341	3.2973	1
cg08040035	LRRC41	0.483947	0.0439461	1.66496	1.23091	0.0973732	1.92059	1.64626	0.0810359	0.648223	1.54208	0.0178357	1.13525	1.13525	1.13525	1.13525	1.13525	1.13525	0.558626	0.873458	-1.14488	0.343298	1.24664	1.24664	0.0304444	1.16674	1.16674	0.260892	1.30061	1.30061	1.03915	0.881328	0.792383	1
cg01766534	MRPL44	0.48388	0.158606	0.812765	-1.23037	0.853207	1.02581	1.02581	0.251945	1.17897	1.17897	0.80067	1.03542	1.03542	0.449624	0.899436	1.11181	1.11181	0.883307	0.979957	-1.02045	0.22685	1.19071	1.19071	0.560847	0.108426	1.08426	0.196771	1.20653	1.20653	1.03904	0.311444	0.266437	1
cg17055145	MYO6;MYO6	0.483912	0.211074	0.804741	-1.24264	0.835521	0.96304	-1.03487	0.859259	1.07651	1.02969	0.769514	1.04963	1.04963	0.625735	0.707631	-1.41317	0.405012	0.868056	-1.15081	0.12761	0.762158	-1.31206	0.560145	0.907438	-1.102	0.805597	1.04149	1.04149	1.03898	0.447257	0.382647	1
cg16953297	ECE2;ECE2;ECE2;ECE2;ECE2;ECE2;ECE2	0.483913	0.996121	0.997629	-1.00238	0.593796	1.30064	1.30064	0.414093	1.50826	1.50826	0.236283	1.83301	1.83301	0.724952	0.841566	-1.18826	0.296186	0.58925	-1.69707	0.0792205	0.386169	-2.58954	0.559065	0.749401	-1.3344	0.791913	0.878879	-1.13781	1.03898	3.92324	3.3565	1
cg23700148	EIF2B3	0.483918	0.166888	0.496348	-2.01496	0.0648619	0.534833	-1.87135	0.15165	1.86858	0.776736	1.07736	0.645106	1.55013	1.03147	0.969703	1.03147	1.03147	0.0108824	0.557407	-1.79398	0.0155955	0.0998469	-10.0173	0.0631109	0.0151805	0.0238168	-14.9097	0.01333	0.0150625	0.556255	1
cg09023820	MATN2;MATN2	0.483932	0.50317	0.742617	-1.34659	0.685342	1.19531	1.19531	0.789924	0.888637	-1.12405	0.725584	1.16689	1.16689	0.0354338	0.342122	2.92293	2.92293	0.521114	0.752137	-1.32955	0.921322	1.04422	1.04422	0.562615	0.773858	-1.29223	0.39047	1.47018	1.47018	1.03894	1.15619	2.70035	1
cg23369670	XKCC1;XKCC1;XKCC3	0.483933	0.347807	0.742224	-1.3473	0.252491	0.691692	-1.44573	0.0560697	0.513081	-1.94901	0.212816	0.667219	-1.49876	0.297444	0.716692	-1.3953	0.953562	0.982201	-1.01812	0.521193	0.81911	-1.22084	0.57831	1.18906	1.18906	0.641893	0.865514	-1.15538	0.03894	1.56486	1.33885	1
cg00581603	SCP2;SCP2	0.483935	0.925328	1.08165	1.08165	0.0822202	1.05888	1.05888	0.0530709	1.05307	1.05307	0.0807027	1.07027	1.07027	0.0509514	1.10824	1.10824	1.10824	0.361083	1.20517	1.20517	0.0515165	1.55207	1.55207	0.75579	1.09869	-1.09869	0.214072	1.27146	1.27146	1.03894	0.250614	0.556255	1
cg25868694	ANP32A	0.483939	0.912595	1.07023	1.07023	0.0691505	0.51493	0.51493	0.0852614	0.24179	0.24179	0.533151	0.14767	0.4767	0.529146	0.674281	-1.48306	0.914168	0.935255	-1.06892	0.832108	0.870703	-1.14803	0.57257	1.42258	1.42258	0.951634	1.03821	1.03821	1.03893	0.628761	0.537956	1
cg09553736	RAB11FIP3	0.483974	0.753807	1.13757	0.974615	0.0144509	1.27119	1.27119	0.0144509	1.27119	1.27119	0.388586	1.1988	1.1988	0.516116	1.61956	1.61956	1.61956	0.451884	1.36272	1.36272	0.0040	2.26063	2.26063	0.0040	2.26063	2.26063	0.0040	2.26063	-2.63007	0.175178	0.792341	0.03892	1.64978	1	1
cg19955020	APITD1;APITD1;APITD1;APITD1	0.483941	0.39685	1.79712	1.79712	0.444176	0.590342	-1.69393	0.957825	1.03638	1.03638	0.134946	0.336608	-2.97081	0.48893	1.59007	1.59007	1.59007	0.620814	1.40063	1.40063	0.527171	1.54169	1.54169	0.200734	2.49195	2.49195	0.247845	2.26207	2.26207	1.03893	7.51136	6.4266	1
cg07169764	MCM6;MCM6	0.483956	?	?	?	?	0.0394254	-2.53644	0.384854	0.68882	-1.45141	0.0668643	0.999913	-1.01858	0.9972	1.00275	1.00275	1.00275	0.963854	-1.0375	?	?	?	?	0.96485	1.14034	1.14034	0.0607874	0.148185	-6.47482	0.16166	7.12663	5.55391	1
cg20760625	VWC2L	0.483957	0.741199	0.91758	-1.08982	0.701447	0.904864	1.05114	0.551429	0.647189	-1.54479	0.0641858	1.71564	1.71564	0.538613	1.02019	1.02019	1.02019	0.323457	1.303	1.303	0.194793	0.981803	-1.01853	0.582101	0.865673	-1.15517	0.425289	1.21969	1.21969	1.0389	1.28026	0.984239	1
cg24654907	APOBEC2	0.48396	0.537848	0.84378	-1.18514	0.685084	0.894919	-1.11742	0.22458	0.706542	-1.41534	0.724293	0.908067	-1.10124	0.12778	0.638668	-1.56576	0.618824	0.871648	-1.14725	0.505242	1.20213	1.20213	0.0678867	0.573007	-1.74518	0.396761	0.789545	-1.26655	0.03889	1.22006	1.0439	1
cg07164047	AGAP1;AGAP1	0.483972	0.263903	0.607213	-1.64671	0.0384247	0.476435	-2.09257	0.579867	0.747126	-1.3386	0.657246	0.750457	-1.33295	0.315175	0.497264	-2.0113	0.144873	0.459453	-2.17648	0.0253	0.488729	-2.04753	0.225529	0.575017	1.48208	0.0253	0.488729	-2.04753	-1.73794	0.03887	0.109977	0.660908	1
cg08528827	MDN1	0.483973	0.261513	0.756765	-1.32142	0.364785	1.24814	1.24814	0.701324	1.09606	1.09606	0.280242	0.765548	-1.30625	0.821953	0.947765	-1.05511	0.856353	1.04407	1.04407	0.0772013	0.62647	-1.59625	0.736282	0.926096	-1.08378	0.459447	1.19636	1.19636	1.03887	0.932151	0.797579	1
cg13392150	TMEM222	0.483983	0.577457	0.907313	-1.10216	0.784866	0.953807	-1.04843	0.150211	1.30548	1.30548	0.65565	1.08056	1.08056	0.783808	0.953575	-1.04868	0.109233	0.779446	1.19226	0.238131	0.8077	-1.23808	0.880303	0.855951	-1.16829	0.837848	0.952606	1.04945	0.952606	1.03885	0.445485	0.420538	1
cg16365690	DCHS1	0.483986	0.204822	0.678076	-1.47469	0.463975	0.80538	-1.24165	0.0551455	0.650129	-1.17629	0.208671	0.680544	-1.46941	0.192207	0.600759	0.4007	0.4007	0.0499388	0.521417	-1.91785	0.663691	0.98876	-1.01137	0.811389	0.939962	-1.06387	0.417879	0.78624	-1.27175	0.03884	1.38735	1.18709	1
cg22952459	C10orf99	0.483988	0.340464	0.734444	-1.36157	0.420928	0.77235	-1.29475	0.177443	0.63742	-1.56882	0.154524	1.61411	1.61411	0.287535	0.706851	-1.41473	0.864665	0.947816	-1.05506	0.788398	1.03859	1.03859	0.392858	1.31653	1.31653	0.916802	0.967704	-1.03337	0.03884	1.62403	1.38961	1
cg25005894	EIN2	0.483993	0.370734	0.778903	-1.28439	0.374703	0.544509	1.83754	0.0454954	0.893528	1.11915	0.287741	0.715564	1.39754	0.567163	0.884892	1.13051	1.13051	0.100583	0.807873	1.41268	0.287737	0.808954	-1.23616	0.854536	0.960363	-1.03588	0.514721	1.1353	1.1353	1.03882	0.929122	0.519412	1
cg20956633	NAA20;NAA20;NAA20	0.484	0.171622	1.22841	1.22841	0.142058	1.24997	1.24997	0.157687	1.23807	1.23807	0.771792	1.04196	1.04196	0.272006	1.17542	1.17542	1.17542	0.795992	1.0373	1.0373	0.194509	1.2141	1.2141	0.146998	1.24607	1.24607	0.33758	1.14998	1.14998	1.03882	0.328747	0.2813	1
cg08846780	RASAL3	0.484004	0.959341	1.05991	1.05991	0.10142	0.394254	-2.53644	0.384854	0.68882	-1.58842	0.669403	1.22568	1.22568	0.328054	0.592186	-1.68866	0.374848	0.623311	-1.60434	0.374972	0.623273	-1.60444	0.374852	0.623273	-1.60444	0.374852	0.623273	-1.60444	0.374852	0.623273	0.73678	0.042699	1.18645	1.18645	1.03881	0.44128	0.37977	1
cg00221745	FBXL15;PSD	0.484008	0.511667	0.697378	-1.43394	0.359936	1.56589	1.56589	0.174911	1.28432	1.28432	0.932129	1.04721	1.04721	0.816514	1.09915	1.09915	1.09915	0.190643	1.11791	1.11791	0.256553	0.526621	-1.8989	0.459201	0.664909	-1.50396	0.363333	1.65847	1.65847	1.0388	4.82435	4.12813	1
cg20808224	OMA1	0.484011	0.803323	1.04636	1.04636	0.287207	1.22224	1.22224	0.627994	1.09272	1.09272	0.56909	1.11016	1.11016	0.223882	1.26118	1.26118	1.26118	0.480254	1.13918	1.13918	0.097227	1.39171	1.39171	0.485584	0.879253	-1.13733	0.294328	0.820376	-1.21838	0.1888	0.542586	0.464285	1
cg19058453	ZNF646	0.484013	0.709918	1.09551	1.09551	0.623686	1.14467	1.14467	0.3803	1.07426	1.07426	0.784126	0.955539	-1.04638	0.0571246	1.13846	1.13846	1.13846	0.494513	1.04243	1.04243	0.332616	1.12282	1.12282	0.553553	1.17792	1.17792	0.102998	1.2424	1.2424	1.03881	0.574852	0.106165	1.03881	1.03881	1.03881	1.22825	0.051	1
cg19846827	MAP3K8	0.484017	0.756734	0.90691	-1.10265	0.269784	0.696722	-1.43529	0.925682	0.971087	-1.02977	0.756943	0.906989	-1.10255	0.0761185	0.537612	-1.86008	0.322129	0.724965	-1.37938	0.0878911	0.553049	1.80816	0.782622	0.916702	-1.09087	0.649453	1.15476	1.15476	1.03879	1.62689	1.39213	1
cg12593511	PRDM16;PRDM16	0.484022	0.973192	1.02152	1.02152	0.0710946	1.18583	1.18583	0.264979	1.12101	1.12101	0.546259	1.18119	1.18119	0.754459	1.12101	1.12101	1.12101	0.863183	0.890164	-1.12326	0.618458	0.708233	-1.41154	0.442144	1.70254	1.70254	0.0115647	1.58404	2.58742	0.16548	1.80483	1.62004	0.03878	0.495485	0.420538	1
cg03152415	COL19A1	0.484027	0.57057	0.83122	-1.20304	0.158473	0.615003	-1.62601	0.416296	1.30723	1.30723	0.518736	0.809809	-1.23486	0.137162	0.596724	-1.67582	0.556667	0.825547	-1.21132	0.206035	0.650411	-1.53749	0.198775	0.645388	-1.54946	0.325509	0.72081	-1.38733	0.03877	1.7308	1.46396	1
cg15862128	MIR494	0.484027	0.883742	1.12838	1.12838	0.0512372	0.624925	0.24925	0.110054	0.421123	0.421123	0.954333	1.04841	1.04841	0.718254	0.741498	-1.34862	0.506907	0.74338	0.74338	0.840318	1.1812	1.1812	0.985869	1.01473	0.610441	0.654348	-1.52824	0.03877	11.2104	9.59289	1
cg08478177	SNHG9;RP5-SNORA78	0.484029	0.383175	0.645406	-1.54991	0.47655	1.34535	1.34535	0.458155	1.35684	1.35684	0.210474	0.696598	-1.43606	0.0674702	1.44902	1.44902	1.44902	?	?	?	?	?	?	0.895755	1.11756	0.943466	-1.05992	0.385857	1.48502	1.04676	2.82457	2.30787	1
cg12640000	LITD1;LITD1	0.48403	0.0866418	0.57201	0.57201	0.291669	1.4629	0.4629	0.355814	2.93955	2.93955	0.740554	1.45824	1.45824	0.879665

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19145162	TANC2	0.484406	0.561433	0.850391	-1.17593	0.052675	0.544467	-1.83666	0.678594	0.891357	-1.12188	0.939718	0.979342	-1.02109	0.459699	0.812397	-1.23093	0.112892	0.621103	-1.61004	0.886166	0.961236	-1.04033	0.712956	1.10737	1.10737	0.274141	0.730469	-1.36898	1.03807	1.25239	1.07241	1
cg05573699	GNL3;GNL3;GNL3;GNL3;GNL3;PBRM1;GNL3	0.484408	0.244229	0.80344	-1.24465	0.226008	1.25657	1.25657	0.31043	1.20749	1.20749	0.52525	0.890792	-1.1226	0.829439	1.03952	1.03952	0.324028	0.832793	-1.20078	0.424268	0.863643	-1.15789	0.257691	0.808815	-1.23638	0.579276	1.10584	1.10584	1.03806	0.530553	0.45431	1
cg06936779	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.48441	0.18874	0.583481	-1.71385	0.325796	1.48072	1.48072	0.25217	1.58851	1.58851	0.46082	1.33708	1.33708	0.290965	0.65444	-1.52802	0.999281	1.00035	1.00035	0.717486	0.868854	-1.15094	0.254035	0.630766	-1.58537	0.56538	0.798648	-1.25212	1.03806	2.46093	2.10729	1
cg10107330	LINGO1	0.484425	0.934164	1.0545	1.0545	0.36464	0.549721	-1.8191	0.412538	1.7128	1.7128	0.683192	0.768314	-1.30155	0.5262	1.51061	1.51061	0.308151	0.507867	-1.96902	0.160388	2.6202	2.6202	0.148132	0.369184	-2.70868	0.928182	1.05961	1.05961	1.03803	6.78261	5.80809	1
cg17463432	PRDM16;PRDM16	0.484436	0.730762	1.20327	1.20327	0.0574331	3.16198	3.16198	0.0780016	2.85496	2.85496	0.449015	1.51178	1.51178	0.980683	0.987114	-1.01305	0.911702	1.06122	1.06122	0.701894	1.22878	1.22878	0.320653	1.73272	1.73272	0.972178	0.981491	-1.01886	1.03801	4.71771	4.03995	1
cg20511815	MIR589;FBXL18	0.484445	0.333408	0.717065	-1.39457	0.152476	0.599961	-1.66677	0.442263	0.77015	-1.29845	0.164427	0.609883	-1.63966	0.205596	0.64074	-1.5607	0.509175	1.2501	1.2501	0.803056	0.920076	-1.08687	0.767709	0.905981	-1.10378	0.136086	0.585436	-1.70813	1.038	1.82675	1.56434	1
cg03371986	CTNNA1	0.48445	0.313861	1.25895	1.25895	0.723965	0.924602	-1.08155	0.800255	0.945492	-1.05765	0.458712	0.846368	-1.18152	0.734577	1.07814	1.07814	0.377653	0.818629	-1.22156	0.306474	1.26373	1.26373	0.079353	1.53813	1.53813	0.416899	1.20132	1.20132	1.03799	0.803476	0.688063	1
cg03634887	CMTM4;CMTM4	0.484451	0.24631	0.860725	-1.16181	0.135635	1.22012	1.22012	0.146774	1.21245	1.21245	0.49087	1.09042	1.09042	0.96282	1.00578	1.00578	0.905305	1.01483	1.01483	0.570589	1.07348	1.07348	0.357807	0.889604	-1.1241	0.728188	1.0441	1.0441	1.03798	0.251559	0.215425	1
cg15462232	FOXD3	0.484453	0.31359	0.88241	-1.13326	0.39796	0.901334	-1.10947	0.351459	0.891278	-1.12198	0.133228	0.823312	-1.21461	0.61737	0.941336	-1.06232	0.184945	0.844715	-1.18383	0.497128	1.08627	1.08627	0.50462	1.08466	1.08466	0.521771	1.08105	1.08105	1.03798	0.236839	0.20282	1
cg05065926	ZFP41	0.484453	0.29568	0.726729	-1.37603	0.710861	1.11584	1.11584	0.821528	1.06877	1.06877	0.812878	1.0723	1.0723	0.542014	0.833858	-1.19925	0.699706	0.892181	-1.12085	0.0303874	0.472807	-2.11503	0.636167	0.869124	-1.15058	0.743633	1.10142	1.10142	1.03798	1.42438	1.21979	1
cg18555289	GPT	0.484464	0.720267	0.794122	-1.25925	0.993971	1.00486	1.00486	0.555644	1.46538	1.46538	0.067352	3.72139	3.72139	0.167093	0.388993	-2.57074	0.590141	1.41706	1.41706	0.812543	0.858735	-1.1645	0.437798	0.602071	-1.66093	0.770657	1.20609	1.20609	1.03796	6.75566	5.78541	1
cg25969983	KIF21B	0.484465	0.729533	0.808442	-1.23695	0.929898	1.05539	1.05539	0.496526	1.5265	1.5265	0.346932	1.81009	1.81009	0.0565361	0.266441	-3.75317	0.834154	1.13707	1.13707	0.824434	1.14583	1.14583	0.269084	0.494025	-2.02419	0.465841	0.634645	-1.57568	1.03796	6.17052	5.28432	1
cg27277366	BACH2;BACH2	0.484471	0.140858	0.238952	-4.18494	0.310295	2.58265	2.58265	0.365723	2.31612	2.31612	0.255994	0.342448	-2.92015	0.480749	0.52322	-1.91124	0.598312	0.618492	-1.61684	0.242371	0.330951	-3.02159	0.956294	1.05078	1.05078	0.44624	0.495749	-2.01715	1.03795	13.427	11.4987	1
cg05222850	CREB3L2	0.484479	0.245932	0.259676	-3.85096	0.150909	0.180802	-5.53092	0.17467	0.201061	-4.97362	0.552393	1.95011	1.95011	0.0810111	0.116531	-8.58143	0.664931	0.616198	-1.62285	0.569451	0.527923	-1.89422	0.735832	0.686436	-1.4568	0.595719	0.551577	-1.81298	1.03793	20.2945	17.3803	1
cg08622280	TRIM50;FKBP6;FKBP6;FKBP6	0.484482	0.454871	0.761549	-1.31311	0.772744	1.10918	1.10918	0.480606	1.29249	1.29249	0.391474	0.730375	-1.36916	0.550328	1.24142	1.24142	0.856643	0.937338	-1.06685	0.305386	1.46199	1.46199	0.291714	1.4792	1.4792	0.0699712	2.06486	2.06486	1.03793	2.10514	1.80285	1
cg11336285	SNX24	0.484485	0.640097	0.876178	-1.14132	0.997037	1.00104	1.00104	0.445174	1.24417	1.24417	0.67289	0.887632	-1.12659	0.771743	0.921594	-1.08508	0.816522	0.936843	-1.06741	0.0741769	1.74808	1.74808	0.552027	1.18399	1.18399	0.101704	1.65356	1.65356	1.03792	1.29525	1.10926	1
cg00620018	PROK2;PROK2;PROK2;PROK2	0.484487	0.129374	1.90961	1.90961	0.63542	1.2075	1.2075	0.270402	1.57309	1.57309	0.455292	1.35015	1.35015	0.708624	0.862257	-1.15975	0.732323	0.873242	-1.14516	0.538438	1.27877	1.27877	0.17504	1.76723	1.76723	0.101574	2.02921	2.02921	1.03792	2.56199	2.19412	1
cg20888907	LETM2	0.484493	0.498591	1.98287	1.98287	0.260475	3.28974	3.28974	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.285872	3.06885	3.06885	0.947055	4.46698	7.86118	1
cg04972669	SLC44A5;SLC44A5	0.484503	0.282224	0.532549	-1.87776	0.162311	0.431194	-2.31914	0.569666	0.723259	-1.38263	0.981445	1.0132	1.0132	0.100533	0.362634	-2.7576	0.661061	0.779758	-1.28245	0.161213	0.430117	-2.32495	0.130865	0.398601	-2.50878	0.767916	0.846319	-1.18159	1.03789	5.22605	4.4758	1
cg26570574	RAB3GAP2	0.484509	0.750302	0.79486	-1.25808	0.483661	0.599379	-1.66839	0.506984	0.616254	-1.62271	0.117279	3.39869	3.39869	0.978888	0.981152	-1.01921	0.543522	0.642646	-1.55607	0.802669	0.835228	-1.19728	0.0914968	3.80485	3.80485	0.70256	1.31771	1.31771	1.03788	8.49957	7.27943	1
cg10624583	TENC1	0.484509	0.15843	0.743526	-1.34494	0.355223	1.20555	1.20555	0.759164	1.06231	1.06231	0.691641	0.92463	-1.08151	0.84005	0.961056	-1.04052	0.619451	0.906279	-1.10341	0.980308	1.00486	1.00486	0.218668	1.28957	1.28957	0.13209	1.3764	1.3764	1.03788	0.635095	0.543926	1
cg25392384	LOC728743	0.484514	0.668799	1.10988	1.10988	0.928209	1.02207	1.02207	0.815998	1.05809	1.05809	0.357933	0.795314	-1.25736	0.150652	1.45232	1.45232	0.710808	0.913731	-1.09441	0.0836529	0.628893	-1.5901	0.541039	1.16172	1.16172	0.632817	0.889938	-1.12367	1.03787	0.964618	0.826152	1
cg13463208	THBS1	0.484526	0.196117	0.695873	-1.43704	0.923728	1.02573	1.02573	0.50642	1.1958	1.1958	0.132326	1.5385	1.5385	0.567983	0.85805	-1.16543	0.753267	0.919759	-1.08724	0.28993	0.747255	-1.33823	0.908096	1.03111	1.03111	0.239785	0.721443	-1.38611	1.03785	1.15651	0.990521	1
cg02225143	MANF	0.484552	0.493671	1.83409	1.83409	0.154438	3.78136	3.78136	0.289015	2.61272	2.61272	0.220909	0.325335	-3.07375	0.401464	0.472683	-2.11558	0.894536	1.1227	1.1227	?	?	?	0.387272	2.16688	2.16688	0.725122	1.36077	1.36077	1.02866	11.0263	10.7192	1
cg08844894	TNFRSF1B	0.484569	0.438378	0.574326	-1.74117	0.861758	1.13008	1.13008	0.616162	1.42562	1.42562	0.792413	1.20328	1.20328	0.684198	0.750585	-1.33229	0.592117	1.46146	1.46146	0.0331677	0.174282	-5.73783	0.545653	0.651114	-1.53583	0.448099	0.581348	-1.72014	1.03777	8.09015	6.92954	1
cg19419801	PI4K2B;PI4K2B	0.484575	0.478653	1.10332	1.10332	0.809756	0.967613	-1.03347	0.424097	1.11789	1.11789	0.655202	0.94049	-1.06328	0.0923551	1.28772	1.28772	0.635951	1.06726	1.06726	0.410586	0.891485	-1.12172	0.12559	1.25392	1.25392	0.448132	1.1113	1.1113	1.03776	0.306268	0.262333	1
cg02392619	VASH2;VASH2;VASH2	0.484582	0.856761	0.972291	-1.0285	0.0331032	0.67877	-1.47325	0.561273	1.09566	1.09566	0.827591	0.966647	-1.0345	0.7188	0.945318	-1.05785	0.965222	1.0068	1.0068	0.729646	1.05544	1.05544	0.473661	1.12001	1.12001	0.479004	1.11843	1.11843	1.03774	0.397539	0.340516	1
cg21619881	C19orf69	0.484584	0.682523	1.12481	1.12481	0.406167	0.784239	-1.27512	0.126414	0.623203	-1.60461	0.272052	0.721098	-1.38677	0.84914	0.946994	-1.05597	0.472837	0.811539	-1.23223	0.31074	1.3498	1.3498	0.137312	0.632737	-1.58044	0.637102	0.872926	-1.14557	1.03774	1.34434	1.15151	1
cg05421688	FAM163A	0.484585	0.162123	3.50938	3.50938	0.0970099	4.62758	4.62758	0.407073	2.04075	2.04075	0.93345	0.932165	-1.07277	0.930817	0.92957	-1.07577	0.94112	1.0641	1.0641	0.706936	0.727836	-1.37394	0.233174	2.8617	2.8617	0.164814	3.47774	3.47774	1.03774	11.627	9.95924	1
cg09584112	NAGPA	0.484585	0.301142	0.35213	-2.83986	0.179961	4.02583	4.02583	0.201604	3.73469	3.73469	0.407301	2.28006	2.28006	0.174604	4.10649	4.10649	0.896809	1.13399	1.13399	0.899604	0.884873	-1.13011	0.930185	1.08862	1.08862	?	?	?	1.04266	13.4917	11.3222	1
cg02637136	CTSB;CTSB;CTSB;CTSB;CTSB;CTSB;CTSB;CTSB;CTSB;CTSB	0.484588	0.358901	1.68554	1.68554	0.692791	1.24577	1.24577	0.808617	0.874333	-1.14373	0.0910922	2.801	2.801	0.348881	1.70525	1.70525	0.860572	1.10219	1.10219	0.540593	0.709754	-1.40894	0.623445	1.31504	1.31504	0.173993	0.449145	-2.22645	1.03773	5.0338	4.31179	1
cg02619205	AKNA	0.484597	0.184103	0.593009	-1.68631	0.812428	1.09216	1.09216	0.434067	0.74377	-1.3445	0.691714	0.862594	-1.15929	0.431998	0.742737	-1.34637	0.681734	0.858194	-1.16524	0.175856	0.586387	-1.70536	0.0623107	0.459236	-2.17753	0.637892	1.19222	1.19222	1.03772	2.2605	1.9363	1
cg00747739	CCDC144C	0.484602	0.458985	1.23103	1.23103	0.881143	1.04211	1.04211	0.603228	1.15552	1.15552	0.604857	0.865987	-1.15475	0.245498	0.715454	-1.39771	0.0735391	1.73318	1.73318	0.280028	0.733777	-1.36281	0.940894	1.02065	1.02065	0.831592	0.942987	-1.06046	1.03771	1.24881	1.06971	1
cg07100411	ZNHIT2	0.484602	0.619823	0.780724	-1.28086	0.268693	0.565414	-1.76861	0.2008	1.95185	1.95185	0.473492	1.43454	1.43454	0.492131	0.707994	-1.41244	0.267101	0.564252	-1.77226	0.654438	0.800116	-1.24982	0.243277	0.54644	-1.83003	0.40533	1.5241	1.5241	1.03771	4.02634	3.44892	1
cg06831832	SPANXN4	0.484624	0.57064	1.32755	1.32755	0.50835	0.717686	-1.39337	0.353908	0.624046	-1.60245	0.191884	0.505108	-1.97977	0.140988	0.45714	-2.18751	0.936692	1.04005	1.04005	0.455654	1.45593	1.45593	0.4089	1.51827	1.51827	0.303318	0.590315	-1.69401	1.03767	4.01672	3.44082	1
cg23714856	TBC1D8B;TBC1D8B	0.484626	0.443473	0.563078	-1.77595	0.765891	1.24545	1.24545	0.730318	1.28963	1.28963	0.523698	1.60807	1.60807	0.0348118	6.10034	6.10034	0.376683	0.513326	-1.94808	0.944873	0.950437	-1.05215	0.770677	1.23968	1.23968	0.920921	1.07572	1.07572	1.03766	8.88021	7.60702	1
cg11501931	NCOA4;NCOA4;NCOA4;NCOA4	0.484627	0.888994	0.959857	-1.04182	0.220179	0.685103	-1.45964	0.815335	0.933668	-1.07104	0.936873	1.02351	1.02351	0.344631	1.33053	1.33053	0.711672	0.896807	-1.11507	0.072584	0.555604	-1.79984	0.742358	0.907758	-1.10161	0.161907	0.645228	-1.54984	1.03766	1.41444	1.21165	1
cg14794494	PGK1	0.484638	0.291853	0.302656	-3.30408	0.820423	0.779998	-1.28205	0.566896	1.88235	1.88235	0.158165	5.20049	5.20049	0.196389	4.44938	4.44938	0.238117	0.25915	-3.85877	0.932541	0.911633	-1.09693	0.720303	1.48127	1.48127	0.401929	2.55346	2.55346	1.03764	19.6249	16.8116	1
cg07099810	ZFPM1	0.484638	0.82644	0.936128	-1.06823	0.174298	1.54396	1.54396	0.225775	1.4657	1.4657	0.21853	0.677745	-1.47548	0.170835	0.645121	-1.5501	0.721097	0.89786	-1.11376	0.844498	1.0608	1.0608	0.80315	1.07796	1.07796	0.724859	0.899233	-1.11206	1.03764	1.48458	1.27176	1
cg18913843	HPCAL1;HPCAL1	0.484646	0.911093	1.03086	1.03086	0.111632	1.60236	1.60236	0.368075	1.28604	1.28604	0.815388	1.06571	1.06571	0.511116	1.19884	1.19884	0.24533	1.39188	1.39188	0.0655894	1.75466	1.75466	0.4247	1.24837	1.24837	0.704178	0.901407	-1.10938	1.03763	1.21676	1.04235	1
cg22436928	SLC46A1	0.484652	0.281222	0.775407	-1.28964	0.123006	1.46155	1.46155	0.311302	1.2686	1.2686	0.796453	1.06046	1.06046	0.997938	1.00059	1.00059	0.447532	1.19222	1.19222	0.31101	0.788151	-1.26879	0.422197	0.830102	-1.20467	0.519266	1.15996	1.15996	1.03762	0.847697	0.726193	1
cg01188284	ZNF12;ZNF12	0.484656	0.647111	1.14071	1.14071	0.959879	0.985734	-1.01447	0.129077	1.59753	1.59753	0.132073	0.628602	-1.59083	0.269672	0.720133	-1.38863	0.458299	0.805967	-1.24075	0.98234	0.993698	-1.00634	0.647513	0.876789	-1.14053	0.559014	1.18385	1.18385	1.03761	1.34072	1.14855	1
cg13940798	SHROOM4;SHROOM4	0.484659	0.274067	0.441521	-2.2649	0.56713	1.51515	1.51515	0.93082	0.939535	-1.06436	0.293554	2.18724	2.18724	0.429671	0.56041	-1.78441	0.32378	0.480932	-2.07929	0.0977054	0.271126	-3.68832	0.739166	1.27128	1.27128	0.603901	1.45638	1.45638	1.0376	8.47925	7.26397	1
cg22962396	MRPL54;APBA3	0.484665	0.234846	0.630392	-1.58631	0.74318	1.12957	1.12957	0.745345	1.12836	1.12836	0.104605	0.51823	-1.92965	0.870788	0.941461	-1.06218	0.153483	0.567599	-1.76181	0.204114	0.608581	-1.64317	0.457359	0.755437	-1.32374	0.299892	0.671596	-1.48899	1.03759	2.25651	1.93312	1
cg08880369	IFT140;TMEM204	0.484674	0.289653	0.457364	-2.18644	0.797162	1.2012	1.2012	0.550966	0.650888	-1.53636	0.933757	1.06096	1.06096	0.0498208	0.203429	-4.91571	0.249289	0.424407	-2.35623	0.184935	0.367604	-2.72032	0.91017	0.92281	-1.08365	0.445117	0.574623	-1.74027	1.03757	8.32514	7.13214	1
cg11883737	PLXND1	0.48468	0.502428	0.59725	-1.67434	0.263848	2.41562	2.41562	0.795261	1.21763	1.21763	0.99041	1.00914	1.00914	0.103426	0.259585	-3.8523	0.368556	2.01243	2.01243	0.404959	0.524544	-1.90642	0.952759	0.95613	-1.04588	0.237078	0.39142	-2.5548	1.03756	9.42236	8.07222	1
cg05110943	DSC2;DSC2	0.484686	0.892248	1.10788	1.10788	0.742944	0.77976	-1.28245	0.951694	0.955238	-1.04686	0.361046	2.0335	2.0335	0.224895	0.381525	-2.62106	0.538073	0.62421	-1.60202	0.669906	0.723149	-1.38284	0.0906287	4.09291	4.09291	0.27088	2.37863	2.37863	1.03755	9.3897	8.04432	1
cg06030846	TMEM108;TMEM108	0.484686	0.634004	1.22594	1.22594	0.31179	1.55957	1.55957	0.410184	1.43003	1.43003	0.215818	1.73889	1.73889	0.307484	1.56621	1.56621	0.116356	2.06412	2.06412	0.0937065	2.18773	2.18773	0.15854	1.89672	1.89672	0.800219	1.11371	1.11371	1.03755	2.96403	2.53934	1
cg13988995	CARS2	0.484692	0.114812	1.73928	1.73928	0.254446	0.681091	-1.46823	0.550288	0.822787	-1.21538	0.536149	1.22408	1.22408	0.834922	0.934868	-1.06967	0.487961	1.25535	1.25535	0.541305	0.819077	-1.22089	0.250691	0.678832	-1.47312	0.468189	0.788025	-1.26899	1.03754	1.71171	1.46647	1
cg08965723	IFT140	0.484696	0.845232	0.96434	-1.03698	0.561855	1.11513	1.11513	0.352967	1.19432	1.19432	0.82179	1.04281	1.04281	0.525545	1.12696	1.12696	0.140716	0.744971	-1.34233	0.205754	1.28147	1.28147	0.461952	1.14928	1.14928	0.255277	0.801981	-1.24691	1.03753	0.567247	0.485979	1
cg10292851	ANKRD46	0.484697	0.167967	0.80382	-1.24406	0.589887	1.08423	1.08423	0.401061	1.13625	1.13625	0.314263	0.856706	-1.16726	0.331993	1.16037	1.16037	0.192339	0.814587	-1.22762	0.404553	0.880957	-1.13513	0.675896	1.06448	1.06448	0.785722	0.96031	-1.04133	1.03753	0.362919	0.310925	1
cg16112880	TMEM9	0.484705	0.198563	0.16402	-6.09683	0.887408	0.828205	-1.20743	0.486139	2.56403	2.56403	0.326472	0.259778	-3.84945	0.77399	1.46681	1.46681	0.198806	6.09018	6.09018	0.454852	0.363182	-2.75344	0.455216	0.363489	-2.75111	0.252283	4.90944	4.90944	1.03752	29.0902	24.9229	1
cg02804028	SLC35E4	0.484709	0.696522	0.935858	-1.06854	0.791587	1.04581	1.04581	0.34632	0.848718	-1.17825	0.071218	0.711185	-1.4061	0.83528	0.965397	-1.03584	0.627761	0.920681	-1.08615	0.0752417	0.715322	-1.39797	0.972299	0.994144	-1.00589	0.724409	1.0617	1.0617	1.03751	0.47005	0.402717	1
cg10111008	TBL3;TBL3	0.484713	?	?	?	0.275257	0.29205	-3.42407	?	?	?	?	?	?	?	?	?	0.780979	1.34745	1.34745	?	?	?	?	?	?	?	?	?	0.819089	3.13711	11.49	1
cg11932564	TNFRSF13C	0.484714	0.934768	1.02959	1.02959	0.087616	0.510898	-1.95734	0.192957	0.612175	-1.63352	0.990618	1.0042	1.0042	0.795778	0.911758	-1.09678	0.435413	1.32768	1.32768	0.142437	0.570298	-1.75347	0.552354	0.807252	-1.23877	0.435628	0.753296	-1.3275	1.0375	2.08457	1.78598	1
cg27169278	SCUBE3	0.484732	0.0888019	0.564009	-1.77302	0.903522	1.03769	1.03769	0.40994	1.29317	1.29317	0.247219	1.44647	1.44647	0.389496	1.30871	1.30871	0.782752	1.08799	1.08799	0.443668	0.78799	-1.26905	0.555698	0.833741	-1.19941	0.537119	1.21005	1.21005	1.03747	1.52943	1.31039	1
cg21221161	PRKCZ	0.484735	0.500428	0.819755	-1.21988	0.0396432	1.99646	1.99646	0.612911	1.1598	1.1598	0.913511	0.968922	-1.03208	0.391658	0.774891	-1.2905	0.83444	0.940993	-1.06271	0.464433	0.80544	-1.24156	0.924752	1.02783	1.02783	0.702614	1.11792	1.11792	1.03746	1.38749	1.18879	1
cg10386914	ZNF844	0.484739	0.683015	1.20653	1.20653	0.892173	0.939865	-1.06398	0.757717	0.868062	-1.15199	0.506655	0.734848	-1.36083	0.439323	1.43429	1.43429	0.379356	1.51042	1.51042	0.0344803	3.08839	3.08839	0.501235	1.36636	1.36636	0.84775	0.915859	-1.09187	1.03745	3.43575	2.94375	1
cg03762505	METTL13;METTL13;METTL13;METTL13;METTL13;METTL13	0.484753	0.0779653	0.546732	-1.82905	0.285912	0.710592	-1.40728	0.561295	0.834371	-1.19851	0.507803	1.23014	1.23014	0.832928	1.06729	1.06729	0.430569	1.28149	1.28149	0.383226	1.31739	1.31739	0.410117	0.7713	-1.29651	0.910313	1.03535	1.03535	1.03743	1.56149	1.33791	1
cg17432061	PIP4K2B	0.484755	0.93319	0.955026	-1.04709	0.497745	1.45907	1.45907	0.973781	0.982124	-1.0182	0.614916	1.32101	1.32101	0.0771805	0.340134	-2.94002	0.586927	0.740023	-1.35131	0.226646	0.498223	-2.00713	0.28047	1.85097	1.85097	0.660656	1.27438	1.27438	1.03743	4.94915	4.24054	1
cg08107701	RUFY4	0.484757	0.820438	0.972542	-1.02823	0.214883	1.17337	1.17337	0.19904	1.1808	1.1808	0.547379	1.07741	1.07741	0.272074	1.15028	1.15028	0.858362	1.02212	1.02212	0.314172	0.880319	-1.13595	0.77517	1.03569	1.03569	0.111295	1.23667	1.23667	1.03742	0.246405	0.211126	1
cg21028260	ARHGEF4;ARHGEF4	0.484759	0.897318	0.912827	-1.0955	0.107506	3.45879	3.45879	0.165038	2.84688	2.84688	0.820046	1.17465	1.17465	0.190816	0.375849	-2.66064	0.813231	0.846032	-1.18199	0.420604	1.78829	1.78829	0.876817	0.89621	-1.11581	0.745885	0.794763	-1.25824	1.03742	8.1997	7.02573	1
cg21210090	BST1	0.484762	0.79349	0.908041	-1.10127	0.129956	1.82477	1.82477	0.917678	0.962698	-1.03875	0.484816	0.770264	-1.29826	0.104841	0.521144	-1.91886	0.442958	1.33326	1.33326	0.72494	1.13871	1.13871	0.922029	0.964642	-1.03665	0.390397	1.3821	1.3821	1.03741	2.22137	1.90334	1
cg12026394	ANP32B	0.484772	0.786047	1.10098	1.10098	0.971982	0.987659	-1.0125	0.874246	0.945539	-1.0576	0.453104	1.31027	1.31027	0.146355	1.73547	1.73547	0.29134	1.47275	1.47275	0.0532262	2.1739	2.1739	0.986184	1.00614	1.00614	0.613846	0.835355	-1.1971	1.03739	2.05393	1.7599	1
cg11938395	GPR109B	0.484772	0.490693	1.21085	1.21085	0.892484	0.963717	-1.03765	0.308013	0.749488	-1.33424	0.959891	0.98635	-1.01384	0.393524	0.787525	-1.2698	0.626076	0.874416	-1.14362	0.0500031	1.84192	1.84192	0.618026	0.871632	-1.14727	0.881525	0.960063	-1.0416	1.03739	1.22712	1.05145	1
cg00235484	MAP7	0.484776	0.931541	0.968183	-1.03286	0.307768	0.672134	-1.4878	0.53615	0.789974	-1.26586	0.331707	0.686001	-1.45772	0.457092	1.32976	1.32976	0.630881	1.19984	1.19984	0.131956	1.8439	1.8439	0.609684	1.21381	1.21381	0.217177	0.613472	-1.63007	1.03739	2.3268	1.99373	1
cg15185286	AIG1	0.484783	0.174496	0.655066	-1.52656	0.41947	0.78538	-1.27327	0.525415	0.828235	-1.20739	0.763901	1.09223	1.09223	0.581213	0.849447	-1.17724	0.657423	0.877467	-1.13964	0.290782	1.37861	1.37861	0.125206	1.62587	1.62587	0.683795	1.12742	1.12742	1.03737	1.40923	1.20752	1
cg15219433	IL6ST;IL6ST	0.484786	0.435194	1.24246	1.24246	0.694459	0.897944	-1.11366	0.119908	1.58417	1.58417	0.720553	1.1029	1.1029	0.74171	1.09438	1.09438	0.84405	0.947713	-1.05517	0.670782	1.12366	1.12366	0.0423885	1.89158	1.89158	0.848825	1.05341	1.05341	1.03737	1.22157	1.04673	1
cg22812178	ZFYVE26	0.48479	0.424774	1.59911	1.59911	0.612234	1.34231	1.34231	0.199938	2.1811	2.1811	0.539561	1.43005	1.43005	0.0253456	4.62262	4.62262	0.767433	1.18625	1.18625	0.826257	1.13497	1.13497	0.99106	0.993568	-1.00647	0.755721	1.1969	1.1969	1.03736	5.44947	4.66952	1
cg19815904	SEMA3C;SEMA3C	0.484792	0.714561	0.94079	-1.06294	0.0816951	1.37794	1.37794	0.199874	1.25236	1.25236	0.443675	0.8783	-1.13856	0.453813	1.13518	1.13518	0.872956	1.02695	1.02695	0.657335	0.928502	-1.077	0.75806	1.05268	1.05268	0.218272	1.24008	1.24008	1.03736	0.453613	0.388691	1
cg18152154	TSPAN1	0.484798	0.52906	0.815603	-1.22609	0.049938	2.04348	2.04348	0.181534	1.57356	1.57356	0.558255	0.827587	-1.20833	0.734666	0.896968	-1.11487	0.766027	0.909021	-1.10008	0.815533	1.07756	1.07756	0.842832	0.938519	-1.06551	0.963551	0.9855	-1.01471	1.03735	1.67853	1.43832	1
cg14528147	CTTNBP2NL	0.484799	0.0312693	3.06349	3.06349	0.453244	1.40286	1.40286	0.609231	1.25661	1.25661	0.365656	1.50953	1.50953	?	?	?	0.571872	1.288	1.288	0.44992	1.4065	1.4065	0.322867	1.5721	1.5721	0.81843	1.10725	1.10725	1.02819	2.84132	2.76341	1
cg16070444	TMEM184B	0.484812	0.786265	0.876894	-1.14039	0.520102	0.729696	-1.37043	0.318444	1.64606	1.64606	0.653683	1.24393	1.24393	0.501039	0.718859	-1.39109	0.0782245	2.57449	2.57449	0.568936	0.757102	-1.32083	0.442859	0.685116	-1.45961	0.329948	1.62566	1.62566	1.03732	3.83793	3.28876	1
cg23085676	CCDC8	0.484813	0.858698	0.944372	-1.0589	0.430657	1.29479	1.29479	0.280446	0.697443	-1.43381	0.491847	1.25136	1.25136	0.267858	0.690253	-1.44874	0.938109	1.02526	1.02526	0.101914	1.77718	1.77718	0.443245	0.777965	-1.2854	0.573108	0.832877	-1.20066	1.03732	1.69471	1.45221	1
cg11636127	GCNT2	0.484817	0.324335	0.674759	-1.48201	0.120843	0.521946	-1.91591	0.431775	0.733366	-1.36358	0.91251	1.0434	1.0434	0.207499	0.598264	-1.6715	0.310723	0.666718	-1.49988	0.708418	1.15627	1.15627	0.29062	1.52787	1.52787	0.452829	0.744093	-1.34392	1.03731	2.4542	2.10304	1
cg01370623	DUSP14	0.48483	0.339884	0.860762	-1.16176	0.481952	0.89678	-1.1151	0.459692	1.12159	1.12159	0.172982	0.801679	-1.24738	0.742614	0.951008	-1.05152	0.98655	1.00257	1.00257	0.425967	0.883452	-1.13192	0.151486	0.791152	-1.26398	0.250722	1.20075	1.20075	1.03729	0.381725	0.327115	1
cg06622108	MASP1;MASP1;MASP1	0.484839	0.859618	0.971943	-1.02887	0.201642	0.805129	-1.24204	0.395419	0.869436	-1.15017	0.922874	1.01569	1.01569	0.0455339	0.691682	-1.44575	0.707033	0.94111	-1.06257	0.703972	1.06329	1.06329	0.531454	0.903121	-1.10727	0.216516	0.811353	-1.23251	1.03727	0.424519	0.363791	1
cg27191921	CYB5R3;CYB5R3;CYB5R3;CYB5R3;CYB5R3	0.48484	0.109208	0.359144	-2.7844	0.716932	0.807774	-1.23797	0.943117	0.959026	-1.04272	0.676371	0.781828	-1.27905	0.0724532	0.308771	-3.23864	0.680311	0.784341	-1.27496	0.104451	0.353255	-2.83082	0.754065	0.831723	-1.20232	0.504134	0.672045	-1.488	1.03727	5.64691	4.83914	1
cg27326224	ADAP1	0.484846	0.318666	1.34278	1.34278	0.470677	0.810693	-1.23351	0.298963	0.735013	-1.36052	0.793024	1.0781	1.0781	0.721648	1.10772	1.10772	0.388964	1.28723	1.28723	0.349089	0.759064	-1.31741	0.0951176	1.68955	1.68955	0.978988	0.992497	-1.00756	1.03726	1.34356	1.15138	1
cg15108060	RB1	0.484858	0.317585	0.550318	-1.81713	0.950691	0.964879	-1.0364	0.586846	0.728176	-1.37329	0.742833	1.20967	1.20967	0.192551	2.21964	2.21964	0.113492	2.70648	2.70648	0.169818	2.32884	2.32884	0.987126	0.990716	-1.00937	0.9654	1.02539	1.02539	1.03723	5.49055	4.70529	1
cg22748850	CDC25C;CDC25C	0.484858	0.793053	1.02619	1.02619	0.660733	1.04438	1.04438	0.10746	1.18856	1.18856	0.277377	0.894873	-1.11748	0.91618	1.01041	1.01041	0.343065	0.908427	-1.1008	0.50411	1.06893	1.06893	0.949121	0.993745	-1.00629	0.164437	1.15702	1.15702	1.03723	0.158814	0.1361	1
cg00716579	MIR181C;MIR181D	0.484862	0.842519	1.05196	1.05196	0.510706	0.843748	-1.18519	0.319643	0.769588	-1.2994	0.778594	0.930735	-1.07442	0.763968	1.07971	1.07971	0.805487	1.06485	1.06485	0.802911	0.938301	-1.06576	0.0351188	1.86842	1.86842	0.805183	0.939007	-1.06495	1.03723	1.06537	0.913008	1
cg02056751	C11orf21;C11orf21	0.484871	0.164159	1.41314	1.41314	0.0659603	1.61697	1.61697	0.891632	0.968745	-1.03226	0.305656	1.28029	1.28029	0.829539	0.951015	-1.05151	0.420565	0.825563	-1.21129	0.470046	1.18673	1.18673	0.93559	0.981348	-1.01901	0.847225	1.04596	1.04596	1.03721	0.891448	0.763969	1
cg15936066	SLC20A2	0.484872	0.89447	0.936112	-1.06825	0.429331	1.49382	1.49382	0.433639	1.48802	1.48802	0.26356	0.56003	-1.78562	0.444379	0.678504	-1.47383	0.176768	0.489552	-2.04269	0.117729	0.429511	-2.32823	0.370489	0.632884	-1.58007	0.931937	0.958397	-1.04341	1.03721	4.06495	3.48366	1
cg17196244	PIGG;PIGG	0.48488	0.56535	0.833123	-1.2003	0.0622495	1.93357	1.93357	0.202899	1.52543	1.52543	0.759919	0.908203	-1.10108	?	?	?	0.887005	0.956318	-1.04568	0.534958	1.21822	1.21822	0.455461	1.26973	1.26973	0.806257	0.92571	-1.08025	1.02804	1.42829	1.38933	1
cg06971254	PQBP1;TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1	0.484885	0.309996	0.252706	-3.95717	0.928154	0.888621	-1.12534	0.832507	0.757829	-1.31956	0.177223	6.53925	6.53925	0.829095	0.753481	-1.32717	0.0870867	0.0842649	-11.8673	0.643021	1.8425	1.8425	0.417935	2.95589	2.95589	0.685929	1.70285	1.70285	1.03718	28.1618	24.1352	1
cg18067859	SLFN13	0.484891	0.124632	3.5841	3.5841	?	?	?	0.901263	1.09999	1.09999	0.81668	1.19518	1.19518	0.567244	0.641455	-1.55896	0.286118	0.427177	-2.34095	0.640345	0.696771	-1.43519	0.156377	3.20317	3.20317	0.623619	1.46194	1.46194	1.02802	8.53208	8.29952	1
cg06030166	PARVB;PARVB	0.484894	0.0931883	26.8814	26.8814	0.293751	6.96566	6.96566	0.352017	5.51217	5.51217	0.79495	0.62865	-1.59071	0.726544	1.86968	1.86968	0.203151	10.9597	10.9597	0.105248	23.4438	23.4438	0.83909	0.69603	-1.43672	0.639914	2.31577	2.31577	1.03717	52.177	44.7174	1
cg03463948	UBASH3B	0.484895	0.819272	0.865535	-1.15536	0.0876845	3.28528	3.28528	0.106192	3.04442	3.04442	0.454036	0.618019	-1.61807	0.949794	0.961046	-1.04053	0.996599	1.00269	1.00269	0.648042	1.33643	1.33643	0.761968	1.2113	1.2113	0.430433	0.601808	-1.66166	1.03717	6.54027	5.60525	1
cg17730234	FBXL17	0.484907	0.219617	0.699526	-1.42954	0.229897	0.705576	-1.41728	0.713203	0.902849	-1.1076	0.67586	0.890109	-1.12346	0.891908	0.96306	-1.03836	0.672218	0.88886	-1.12504	0.116541	1.60336	1.60336	0.861752	0.952892	-1.04944	0.184576	0.677334	-1.47638	1.03715	1.25888	1.07892	1
cg08088984	GRAMD1A;GRAMD1A	0.484921	0.991983	1.00586	1.00586	0.221517	0.473813	-2.11054	0.404474	0.60906	-1.64188	0.820697	1.14106	1.14106	0.0908212	0.33861	-2.95325	0.586086	0.726436	-1.37658	0.153071	0.4109	-2.43368	0.96402	0.97412	-1.02657	0.146751	0.404419	-2.47268	1.03712	5.55001	4.75678	1
cg10106412	ID4	0.48494	0.0896042	0.699422	-1.42975	0.603061	1.10541	1.10541	0.532261	1.12845	1.12845	0.852595	1.03617	1.03617	0.584311	1.11131	1.11131	0.503303	1.13855	1.13855	0.252424	1.25655	1.25655	0.325104	1.21423	1.21423	0.260053	1.2516	1.2516	1.03708	0.599392	0.513741	1
cg07667790	ZFHX3;ZFHX3	0.484945	0.337136	0.740102	-1.35116	0.235244	0.684993	-1.45987	0.404009	0.771284	-1.29654	0.975878	0.990846	-1.00924	0.735437	1.10865	1.10865	0.386727	1.30977	1.30977	0.179558	1.54273	1.54273	0.2757	0.708313	-1.41181	0.396931	0.768114	-1.30189	1.03707	1.51926	1.30218	1
cg00741634	KIAA0892;SF4	0.484949	0.349983	0.768737	-1.30083	0.208383	0.695876	-1.43704	0.276929	0.734076	-1.36226	0.667288	1.1255	1.1255	0.878653	0.959092	-1.04265	0.17607	0.674859	-1.48179	0.303719	0.747354	-1.33805	0.0748938	0.581403	-1.71998	0.64192	0.87983	-1.13658	1.03707	1.22755	1.05215	1
cg18853376	C10orf67;C10orf67	0.484949	0.263155	0.712439	-1.40363	0.906885	0.966562	-1.03459	0.867714	0.952703	-1.04965	0.758384	0.914226	-1.09382	0.292791	0.728172	-1.3733	0.231084	1.44069	1.44069	0.114898	0.607571	-1.6459	0.183903	0.663827	-1.50642	0.714365	0.898669	-1.11276	1.03707	1.38754	1.18929	1
cg24777399	SH3RF3	0.484958	0.662635	1.23855	1.23855	0.592453	1.30126	1.30126	0.589843	0.767033	-1.30372	0.755369	0.858715	-1.16453	0.749408	0.855403	-1.16904	0.205857	1.91625	1.91625	0.0790664	2.58638	2.58638	0.22267	1.86737	1.86737	0.510404	0.722253	-1.38456	1.03705	3.90104	3.34371	1
cg22794127	LOC340357	0.484959	0.878667	0.962443	-1.03902	0.915376	0.973717	-1.02699	0.720325	0.913852	-1.09427	0.887893	0.965272	-1.03598	0.629903	1.12938	1.12938	0.131774	1.50329	1.50329	0.0579494	0.584439	-1.71104	0.646646	0.890775	-1.12262	0.679794	0.901225	-1.1096	1.03705	1.03132	0.883975	1
cg03158499	ACTA2;FAS;FAS;FAS;FAS;FAS;FAS;FAS	0.484964	0.922419	0.960839	-1.04076	0.651705	0.829979	-1.20485	0.161161	1.84732	1.84732	0.627428	0.818253	-1.22212	0.347857	1.48645	1.48645	0.849328	1.08112	1.08112	0.0798738	0.450661	-2.21896	0.584178	0.79719	-1.25441	0.693751	1.17622	1.17622	1.03704	2.7624	2.36777	1
cg08524525	LOC729338;BBS12;BBS12	0.48497	0.943076	1.01167	1.01167	0.17835	1.26154	1.26154	0.917029	1.01707	1.01707	0.408338	1.14729	1.14729	0.348309	1.16985	1.16985	0.4062	1.14804	1.14804	0.23669	0.817558	-1.22315	0.231715	0.81563	-1.22605	0.52241	0.90003	-1.11107	1.03703	0.433541	0.37161	1
cg24524044	NOP14;C4orf10	0.484975	0.914409	0.983084	-1.01721	0.911922	0.982594	-1.01771	0.89196	0.978666	-1.0218	0.9041	1.01931	1.01931	0.96809	1.00637	1.00637	0.613597	1.08415	1.08415	0.0250294	1.52667	1.52667	0.241642	1.21469	1.21469	0.856858	1.02907	1.02907	1.03702	0.413598	0.354518	1
cg23696891	TNFAIP3	0.484975	0.425686	1.41965	1.41965	0.12748	0.491676	-2.03386	0.166518	1.88785	1.88785	0.376025	1.47897	1.47897	0.26232	0.604431	-1.65445	0.84078	1.09051	1.09051	0.951834	1.02636	1.02636	0.766292	1.13701	1.13701	0.836496	0.914829	-1.0931	1.03702	3.04766	2.61233	1
cg18020679	SLC39A7;SLC39A7;RXRB	0.484976	0.375597	1.21826	1.21826	0.215352	1.32727	1.32727	0.181594	1.36052	1.36052	0.513898	1.15456	1.15456	0.240939	1.30541	1.30541	0.42321	1.19433	1.19433	0.444489	0.84431	-1.1844	0.386113	0.824572	-1.21275	0.294208	1.26643	1.26643	1.03702	0.774126	0.663549	1
cg05373286	VDAC2	0.48498	0.580263	0.896113	-1.11593	0.526713	1.13423	1.13423	0.371883	0.835238	-1.19726	0.252194	1.26477	1.26477	0.418497	0.85015	-1.17626	0.738476	0.936318	-1.06801	0.0640333	0.664498	-1.5049	0.713134	1.07521	1.07521	0.836318	0.960188	-1.04146	1.03701	0.633356	0.54289	1
cg05694825	PDCD6	0.484986	0.150739	0.520337	-1.92183	0.582766	1.26534	1.26534	0.822008	1.1003	1.1003	0.424201	0.70736	-1.41371	0.750654	0.873508	-1.14481	0.769091	1.133	1.133	0.255477	1.65464	1.65464	0.387391	1.45619	1.45619	0.167269	0.535535	-1.86729	1.037	2.95529	2.5332	1
cg16347256	C1orf168;C1orf168	0.484992	0.748072	1.22229	1.22229	0.106729	2.99519	2.99519	0.0536055	3.91673	3.91673	0.864345	0.898964	-1.11239	0.305378	1.9369	1.9369	0.705679	0.789518	-1.2666	0.879604	1.09901	1.09901	0.989711	1.00806	1.00806	0.768643	1.20169	1.20169	1.03699	6.37213	5.46208	1
cg17452880	NUAK1	0.484995	0.581576	1.14579	1.14579	0.140153	1.47413	1.47413	0.553152	0.863566	-1.15799	0.692222	1.10217	1.10217	0.654032	0.895566	-1.11661	0.982762	0.994731	-1.0053	0.0699289	1.6413	1.6413	0.245847	1.3455	1.3455	0.987207	1.00393	1.00393	1.03698	0.981846	0.841627	1
cg05000136	MFAP3L	0.484996	0.454103	0.836396	-1.19561	0.68277	1.10106	1.10106	0.368751	1.24145	1.24145	0.0898065	1.54979	1.54979	0.25492	1.32113	1.32113	0.782178	0.937129	-1.06709	0.406323	0.819527	-1.22022	0.975899	0.992947	-1.0071	?	?	?	1.02782	0.794244	0.772745	1
cg12440269	RPL36A	0.485001	0.107907	0.212661	-4.70232	0.416766	0.480765	-2.08002	0.487395	0.536525	-1.86385	0.4999	1.83004	1.83004	0.183344	3.47575	3.47575	0.299497	0.387173	-2.58283	0.575571	0.607037	-1.64735	0.869402	0.864839	-1.15628	0.785531	1.27215	1.27215	1.03697	12.7898	10.9634	1
cg19258425	SOX2OT;SOX2	0.485002	0.999065	0.999074	-1.00093	0.0501819	0.171172	-5.84208	0.144737	0.289889	-3.44959	0.600554	1.51839	1.51839	0.929317	1.07265	1.07265	0.524483	1.66507	1.66507	0.994724	1.00524	1.00524	0.860125	0.869851	-1.14962	0.812392	1.20678	1.20678	1.03697	10.2633	8.79772	1
cg01021169	ASCC2	0.485006	0.624409	0.89563	-1.11653	0.784737	1.06307	1.06307	0.968016	0.991083	-1.009	0.606603	1.12302	1.12302	0.394778	0.823087	-1.21494	0.134345	1.43422	1.43422	0.280174	1.28501	1.28501	0.0882934	1.52212	1.52212	0.953904	0.98717	-1.013	1.03696	0.819474	0.702457	1
cg23971806	HDAC4	0.485031	0.593051	0.680893	-1.46866	0.104194	3.54549	3.54549	0.156075	2.94814	2.94814	0.998445	1.00139	1.00139	0.46807	0.590935	-1.69223	0.999141	1.00077	1.00077	0.264433	0.43659	-2.29048	0.554951	1.5303	1.5303	0.983669	0.985522	-1.01469	1.03692	8.33697	7.14681	1
cg20356136	AFAP1;AFAP1	0.485032	0.891128	0.919728	-1.08728	0.203202	2.2721	2.2721	0.599594	1.3822	1.3822	0.365081	0.566302	-1.76584	0.463754	0.634031	-1.57721	0.521725	1.48703	1.48703	0.119887	0.356667	-2.80374	0.514189	1.49809	1.49809	0.402326	0.59233	-1.68825	1.03691	6.13092	5.2557	1
cg05109619	PDZD11;KIF4A	0.485041	0.193583	0.145195	-6.88731	0.321473	0.237682	-4.20731	0.655997	0.533172	-1.87557	0.346131	3.90007	3.90007	0.769516	1.51007	1.51007	0.0569609	0.0487174	-20.5266	0.782369	0.678117	-1.47467	0.823456	0.730921	-1.36814	0.883423	0.81398	-1.22853	1.0369	32.3147	27.7021	1
cg16269488	MAD1L1;MAD1L1;MAD1L1	0.485058	0.890155	0.902897	-1.10755	0.0747951	4.33613	4.33613	0.0945463	3.89009	3.89009	0.886772	1.11106	1.11106	0.442746	0.560729	-1.78339	0.756242	0.794394	-1.25882	0.688613	1.34686	1.34686	0.842323	0.863099	-1.15862	0.842244	0.863035	-1.1587	1.03687	8.97323	7.69261	1
cg20802051	AK3L1;AK3L1;AK3L1	0.48506	0.890419	1.08846	1.08846	0.195851	2.31898	2.31898	0.178397	2.40903	2.40903	0.413419	1.67225	1.67225	0.534456	1.47237	1.47237	0.923982	0.943	-1.06044	0.347655	0.551773	-1.81234	0.12965	2.73679	2.73679	0.26998	2.02655	2.02655	1.03686	6.20952	5.32334	1
cg21187669	ATPAF2	0.485064	0.421274	2.11873	2.11873	0.333483	2.48846	2.48846	0.822968	0.814822	-1.22726	0.389635	2.23819	2.23819	0.186976	3.59045	3.59045	0.427712	2.09597	2.09597	0.116334	4.75658	4.75658	0.109983	4.9142	4.9142	0.199838	3.44788	3.44788	1.03685	13.7151	11.7579	1
cg18247852	SLC16A3;SLC16A3;SLC16A3	0.485065	0.748116	0.839864	-1.19067	0.148816	2.31331	2.31331	0.863276	0.910867	-1.09786	0.758434	1.18185	1.18185	0.491537	0.684938	-1.45999	0.92178	1.05464	1.05464	0.055459	0.308582	-3.24063	0.904012	1.06753	1.06753	0.650238	0.780944	-1.2805	1.03685	4.8178	4.13027	1
cg08093278	RANBP3;RANBP3;RANBP3	0.485073	0.98599	0.996712	-1.0033	0.695741	1.0765	1.0765	0.560389	0.895454	-1.11675	0.669234	1.08394	1.08394	0.629973	1.09532	1.09532	0.649949	0.917879	-1.08947	0.0321546	1.60105	1.60105	0.285992	1.23099	1.23099	0.907727	0.978488	-1.02198	1.03684	0.57762	0.495198	1
cg22696214	DDX4;DDX4;DDX4	0.485094	0.358651	1.26261	1.26261	0.30191	1.3024	1.3024	0.60169	0.878007	-1.13894	0.568593	1.15298	1.15298	0.112512	1.53236	1.53236	0.603022	1.13839	1.13839	0.0792551	1.6182	1.6182	0.985987	1.00435	1.00435	0.287696	1.3135	1.3135	1.0368	1.00211	0.859146	1
cg16315417	SKI	0.4851	0.399646	0.603736	-1.65635	0.37751	0.588632	-1.69885	0.169826	0.424956	-2.35319	0.602904	0.735524	-1.35958	0.159378	0.414744	-2.41113	0.234278	2.07448	2.07448	0.842663	1.12334	1.12334	0.448597	1.57138	1.57138	0.911955	0.937317	-1.06688	1.03679	5.62432	4.822	1
cg04014726	PXDN	0.485113	0.808862	1.05276	1.05276	0.729296	1.07649	1.07649	0.75995	1.06718	1.06718	0.27293	1.27392	1.27392	0.169657	1.36395	1.36395	0.905446	1.02553	1.02553	0.0312771	1.70936	1.70936	0.526378	1.14592	1.14592	0.903653	1.02603	1.02603	1.03676	0.739196	0.633763	1
cg06513359	NDUFB11;RBM10;NDUFB11;RBM10;NDUFB11;NDUFB11	0.485114	0.182089	0.220333	-4.53859	0.784792	0.746506	-1.33957	0.992113	1.01061	1.01061	0.192979	4.35545	4.35545	0.199691	4.25055	4.25055	0.180688	0.219134	-4.56342	0.821497	0.785563	-1.27297	0.883614	0.855178	-1.16935	0.938037	1.08658	1.08658	1.03676	18.73	16.0585	1
cg04363228	PBX2	0.48512	0.807844	0.901304	-1.1095	0.208807	1.75949	1.75949	0.178267	1.84036	1.84036	0.675365	0.835587	-1.19676	0.243895	1.68194	1.68194	0.525347	1.31583	1.31583	0.834425	1.09337	1.09337	0.0907666	2.21364	2.21364	0.674307	0.835062	-1.19752	1.03675	2.98622	2.56032	1
cg12232222	FARP1;FARP1	0.485138	0.174359	0.253921	-3.93824	0.488303	1.95015	1.95015	0.383864	2.33279	2.33279	0.621364	0.623558	-1.6037	0.173456	0.253099	-3.95102	0.868094	1.1708	1.1708	0.369709	0.41731	-2.3963	0.737942	0.727201	-1.37514	0.161121	0.241749	-4.13653	1.03672	14.7769	12.6698	1
cg23503864	C12orf66	0.48514	0.3786	0.8651	-1.15594	0.221251	1.22908	1.22908	0.536631	1.10558	1.10558	0.295127	0.840154	-1.19026	0.542819	0.90591	-1.10386	0.215147	0.811149	-1.23282	0.260469	0.828382	-1.20717	0.411136	1.14433	1.14433	0.846489	0.969386	-1.03158	1.03671	0.422522	0.362274	1
cg04735948	FAM100A	0.485155	0.79705	0.863931	-1.1575	0.0450909	3.68742	3.68742	0.578288	1.37534	1.37534	0.573884	1.38055	1.38055	0.624024	0.755497	-1.32363	0.357815	0.584678	-1.71034	0.64618	0.769246	-1.29998	0.853716	1.11044	1.11044	0.470038	0.658945	-1.51758	1.03669	5.28872	4.53472	1
cg15632787	CACNG7	0.485168	0.696321	1.19132	1.19132	0.473134	0.722049	-1.38495	0.18215	1.88141	1.88141	0.192609	0.540382	-1.85054	0.639812	1.23412	1.23412	0.358627	1.52396	1.52396	0.933416	1.038	1.038	0.183726	0.53287	-1.87663	0.648154	0.814599	-1.2276	1.03666	3.2707	2.80446	1
cg21946195	ATOH8	0.485172	0.207912	0.281425	-3.55334	0.408952	0.446452	-2.23988	0.797456	0.782257	-1.27835	0.991303	1.01046	1.01046	0.0462404	0.112981	-8.85103	0.489158	1.95602	1.95602	0.89771	0.884432	-1.13067	0.708446	0.698592	-1.43145	0.285658	0.346852	-2.88307	1.03666	14.9698	12.8359	1
cg08706837	ZC3H12A	0.485184	0.486694	1.147	1.147	0.896523	0.975065	-1.02557	0.464634	1.15538	1.15538	0.80567	1.049	1.049	0.319983	0.8192	-1.2207	0.545445	0.888034	-1.12608	0.0502304	0.648439	-1.54217	0.602968	1.1072	1.1072	0.680074	1.08379	1.08379	1.03664	0.618304	0.53018	1
cg01364818	ZNF280C	0.485188	0.288962	0.141568	-7.06374	0.71326	1.92614	1.92614	0.514608	0.30923	-3.23384	0.208673	10.5263	10.5263	0.630224	0.422529	-2.3667	0.128726	0.0541517	-18.4666	0.473651	3.6485	3.6485	0.840889	1.42903	1.42903	?	?	?	1.02746	45.6258	44.4063	1
cg19340455	C7orf50;C7orf50;GPR146;C7orf50	0.485197	0.45408	0.735941	-1.3588	0.0582461	0.422946	-2.36437	0.107853	0.493895	-2.02472	0.845531	0.924573	-1.08158	0.655706	0.834917	-1.19772	0.822965	0.913844	-1.09428	0.467229	1.34639	1.34639	0.524473	0.771572	-1.29606	0.497273	0.757994	-1.31927	1.03661	2.65395	2.27575	1
cg06224832	TRAPPC9;TRAPPC9	0.485202	0.0876396	0.62839	-1.59137	0.804023	0.940571	-1.06318	0.73324	0.919155	-1.08796	0.429297	0.819692	-1.21997	0.456721	1.20536	1.20536	0.699415	1.10033	1.10033	0.181203	1.41878	1.41878	0.870502	1.04102	1.04102	0.400085	1.23647	1.23647	1.0366	0.996934	0.854874	1
cg14807945	ZEB2;ZEB2	0.485206	0.811908	1.09723	1.09723	0.866683	0.936694	-1.06758	0.119932	1.92836	1.92836	0.196282	1.70208	1.70208	0.884329	1.0583	1.0583	0.852231	0.92999	-1.07528	0.600057	0.813892	-1.22866	0.487966	0.760133	-1.31556	0.113504	1.95486	1.95486	1.03659	2.48733	2.1329	1
cg25737788	DNAJC16	0.485206	0.291587	1.27497	1.27497	0.713367	0.921364	-1.08535	0.265761	0.773035	-1.2936	0.998636	0.999621	-1.00038	0.194043	1.35665	1.35665	0.175092	1.37731	1.37731	0.503629	1.1626	1.1626	0.465468	0.847988	-1.17926	0.382486	1.21996	1.21996	1.03659	0.809	0.693725	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg41764/42	TTC9	0.482308	0.978146	-1.02234	0.0267828	0.610767	-1.63729	0.211298	0.739965	-1.15142	0.272695	0.77023	-1.29831	0.21587	0.742414	-1.34696	0.58939	0.882847	-1.1327	0.213172	0.740974	-1.34959	0.902804	0.785987	-1.27229	0.7761655	0.936894	-1.06756	1.03659	0.858506	0.736179	1
cg00177923	LEPROTL1;LEPROTL1	0.485209	0.355081	0.86596	-1.15479	0.143142	1.26876	0.26796	0.667947	1.06746	0.66781	1.06816	0.64699	1.06841	0.932223	-1.0727	0.907889	0.982643	-1.01766	0.118198	0.77366	-1.29256	0.561639	1.09284	1.09284	0.399964	0.877793	-1.13702	1.03659	0.375713	0.32218	1
cg13026773	FAM108C1	0.485211	0.663337	0.734142	-1.36213	0.865097	0.88694	-1.12747	0.115466	3.3449	3.3449	0.746266	1.25744	1.25744	0.442309	0.57536	-1.73804	0.550961	0.653315	-1.53066	0.14141	0.327644	-3.05209	0.267615	0.442714	-2.25879	0.724249	1.28393	1.28393	1.03658	8.17347	7.00889	1
cg22096988	ZNF264	0.485218	0.34878	1.58452	1.58452	0.4494169	2.91536	2.915364	0.679949	1.23889	1.23889	0.747517	1.16663	1.16663	0.747193	1.16688	1.16688	0.172366	1.99987	1.99987	0.65635	0.807593	-1.23825	0.257686	1.75704	1.75704	0.362234	1.56341	1.56341	1.03657	3.73809	3.20352	1
cg12719753	ISLR;ISLR;ISLR	0.48522	0.801632	0.913651	-1.09451	0.474002	0.770115	-1.29851	0.912151	1.03611	1.03611	0.252014	0.650991	-1.53612	0.328985	1.43536	1.43536	0.203601	0.617933	-1.6183	0.209756	1.16027	0.160072	0.364898	0.716065	-1.39652	0.352559	0.70952	-1.4094	1.03657	2.11264	1.81165	1
cg01684233	ALDH1L1	0.485224	0.88744	0.9658	-1.03541	0.655528	1.11664	1.11664	0.678411	0.902624	-1.10788	0.213136	1.38009	1.38009	0.244123	1.34907	1.34907	0.066004	1.6564	1.6564	0.171355	1.43023	1.43023	0.459086	1.20349	1.20349	0.627434	1.12769	1.12769	1.03657	0.991123	0.849919	1
cg24214470	SERPINF1	0.485226	0.271639	1.83765	1.83765	0.356847	1.65514	1.65514	0.17123	2.16978	2.16978	0.441252	1.51825	1.51825	0.270673	1.84009	1.84009	0.21139	2.01394	2.01394	0.061411	3.0665	3.0665	0.26981	1.84228	1.84228	0.760115	1.17685	1.17685	1.03656	4.64154	3.98031	1
cg00626498	RDX	0.485235	0.555768	1.53118	1.53118	0.396049	1.86159	1.86159	0.352858	1.96606	1.96606	0.560241	1.4909	1.4909	0.659614	1.37287	1.37287	0.35013	1.98896	1.98896	0.0913486	3.74201	3.74201	0.071269	4.22362	4.22362	0.160987	2.91675	2.91675	1.03654	8.39175	7.19637	1
cg00577519	SRPX2;SRPX2	0.485237	0.652272	1.23922	1.23922	0.449373	1.46515	1.46515	0.642444	1.24174	1.24174	0.351879	1.57304	1.57304	0.899708	1.06309	1.06309	0.447437	1.44212	1.44212	0.0804702	2.50119	2.50119	0.154479	0.486424	-2.05582	0.51286	1.36863	1.36863	1.03654	3.67042	3.14759	1
cg18795469	SLIT1	0.48524	0.995021	0.995393	-1.00463	0.376136	1.95844	1.95844	0.338495	2.07539	2.07539	0.0446735	0.181628	-5.50576	0.889442	0.902189	-1.10841	0.533705	0.627215	-1.59435	0.661237	0.721571	-1.38586	0.950855	0.955411	-1.04667	0.497268	0.600492	-1.6653	1.03653	8.99055	7.70995	1
cg20303592	KLHL8	0.485243	0.69543	1.07829	1.07829	0.842093	1.01895	1.01895	0.494061	1.1423	1.1423	0.826771	0.958881	-1.04288	0.35746	0.834184	-1.19878	0.293622	1.23207	1.23207	0.410037	1.17516	1.17516	0.188182	0.760564	-1.30623	0.143429	0.739927	-1.35148	1.03652	0.602493	0.516678	1
cg19560052	CSBP2;CSBP1;2	0.485253	0.108612	1.60032	1.60032	0.584691	0.852161	-1.15989	0.193754	1.44691	1.44691	0.332833	1.3157	1.3157	0.104288	1.61142	1.61142	0.821323	1.06266	1.06266	0.958772	1.01399	1.01399	0.932083	1.02317	1.02317	0.365511	1.18498	1.18498	1.03652	1.10229	0.880993	1
cg01908107	ABHD4	0.485256	0.294426	0.79183	-1.26263	0.913536	1.02754	1.02754	0.16592	2.60910	2.60910	1.44736	1.37077	1.37077	0.694282	-1.44634	0.601315	0.876444	-1.14097	0.075122	0.0250158	-1.08573	0.694357	1.10381	1.10381	0.858592	1.04562	1.04562	1.0365	1.02729	0.880993	1
cg26952188	MYO7A;MYO7A;MYO7A	0.485267	0.248547	0.774158	-1.29173	0.838858	0.956925	-1.04501	0.681629	1.20977	1.20977	0.687892	0.917869	-1.08948	0.125242	0.703167	1.42214	0.439109	0.845803	-1.18231	0.205281	1.32791	1.32791	0.422999	0.840567	-1.18967	0.921809	1.02105	1.02105	1.03648	0.739322	0.634045	1
cg18180961	SIDT1	0.485268	0.430333	0.771718	-1.29581	0.309981	1.40243	1.40243	0.456343	1.27648	0.558321	1.20991	1.20993	7	7	?	?	0.289988	0.702194	-1.42411	0.194728	1.55516	1.55516	0.771837	1.09812	1.09812	0.200954	1.54466	1.54466	1.02731	1.4988	1.45805	1
cg20892961	DNAJC28;DNAJC28;DNAJC28	0.485271	0.376608	0.903151	-1.10723	0.240805	1.10868	1.10868	0.303725	1.31607	1.31607	0.0911586	-1.09184	0.639934	0.540	-1.85132	0.540	0.248814	1.26467	1.26467	0.0354608	2.82503	2.82503	0.0185	0.872002	-1.14679	0.180799	0.852548	-1.17295	0.328165	0.892875	1.11998	0.74647	1.02648	0.206082	0.177432	1
cg00128766	KIAA0494	0.485276	0.231084	1.4922	1.4922	0.17603	1.5849	1.5849	0.689267	1.13731	1.13731	0.611908	0.848926	-1.17796	0.82426	0.931278	-1.07379	0.383507	0.75122	-1.33117	0.113202	0.599531	-1.68483	0.773018	0.911579	-1.097	0.588089	0.839416	-1.1913	1.03646	1.68213	1.44262	1
cg17698545	C4orf10;NOP14	0.485278	0.889109	1.06186	1.06186	0.950047	0.796437	-1.25559	0.963702	0.982512	-1.01779	0.237645	1.70265	1.70265	0.0827388	0.479531	-2.28555	0.19627	0.555324	-1.8006	0.871769	0.933888	-1.07079	0.424197	1.42066	1.42066	0.919673	0.96587	-1.03534	1.03646	3.03806	2.60549	1
cg00372576	SLC43A2	0.485278	0.854809	1.06229	1.06229	0.770082	1.14495	1.14495	0.795256	1.12559	1.12559	0.480564	1.38615	1.38615	0.334445	1.24761	1.24761	0.884454	1.06947	1.06947	0.0364987	2.97525	2.97525	0.650185	0.809874	-1.23476	0.10646	3.502	3.00339	1
cg22106220	LRP5L;LRP5L	0.48528	0.0818684	2.48453	2.48453	0.366484	1.5495	1.5495	0.0747482	2.55213	2.55213	0.684913	1.21235	1.21235	0.941238	1.03541	1.03541	0.823649	1.11111	1.11111	0.294173	1.67127	1.67127	0.697164	0.831443	-1.20273	0.492712	1.38938	1.38938	1.03646	3.65738	3.13665	1
cg17737265	EPOR	0.485284	0.555219	1.1758	1.1758	0.473935	1.02005	1.02005	0.366	1.36161	0.842963	1.14175	0.778336	1.10539	1.01951	1.01951	0.98	1.01934	1.01914	1.01914	0.244413	1.382	1.382	0.799375	1.07	1.07	0.91687	1.0284	1.0284	1.03645	1.15864	0.993678	1
cg26745551	GPR63;GPR63;GPR63;GPR63	0.485285	0.600889	0.915304	-1.09253	0.267602	1.21312	1.21312	0.569035	1.10107	1.10107	0.51146	1.2932	1.2932	0.219487	1.24112	1.24112	0.1292	1.31557	1.31557	0.43466	0.875157	-1.14265	0.79692	1.04408	1.04408	0.977083	1.00482	1.00482	1.03644	0.459394	0.393993	1
cg24047810	IGFJAS;IRG;IGFJ;IGFJ;IGFJAS;IGFJ	0.485294	0.588401	1.19463	1.38453	0.329108	0.812997	1.23002	0.0674589	1.48147	1.48147	0.0215	1.51425	1.45358	0.0138	1.94844	1.94844	0.062224	1.10826	1.10826	0.0139026	2.07916	2.07916	0.824887	4.00967	4.00967	0.073587	1.72273	1.72273	1.03643	5.84389	4.48325	1
cg20976968	PRPF38B C20orf199;SNORD12C;C20orf199;ZNF4	0.4853	0.302839	0.871251	-1.14777	0.589271	0.932034	-1.07292	0.680504	0.947937	-1.05492	0.0937232	0.788191	-1.26873	0.598825	1.07096	1.07096	0.194458	1.19393	1.19393	0.755559	0.960476	-1.04115	0.563343	0.927331	-1.07836	0.474179	1.09855	1.09855	1.03642	0.273715	0.234752	1
cg13671563	1C20orf199	0.485302	0.112332	2.12374	2.12374	0.791201	1.12255	1.12255	0.60332	0.795803	-1.25659	0.147465	1.96832	1.96832	0.40241	1.448	1.448	0.914198	0.954128	-1.04808	0.708952	0.849285	-1.17746	0.509633	0.747195	-1.33834	0.33655	0.649403	-1.53988	1.03642	3.11581	2.67229	1
cg15558759	PHLDB1;PHLDB1;PHLDB1 C17orf69;C17orf69;MGC57346;MGC57	0.485303	0.459242	0.847708	-1.17965	0.381501	0.821362	-1.21749	0.953012	0.987163	-1.013	0.53424	0.871088	-1.14799	0.301507	1.26453	1.26453	0.513817	1.15623	1.15623	0.0773778	0.650212	-1.53796	0.791468	0.943556	-1.05982	0.37977	1.21841	1.21841	1.03642	0.789039	0.676724	1
cg19199266	346	0.485307	0.951249	1.05466	1.05466	0.747318	0.754768	-1.32491	0.978478	0.976795	-1.02376	0.232623	0.336419	-2.97248	0.195583	0.303825	-3.29137	0.132351	0.243299	-4.11017	0.074157	0.17695	-5.65132	0.540704	0.583324	-1.71431	0.316524	0.40606	-2.46269	1.03641	12.4339	10.6642	1
cg18241962	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.4853116	0.200407	0.238748	-4.18852	0.770997	0.73411	-1.36219	0.954087	1.06288	1.06288	0.198837	0.237421	-4.21193	0.107754	0.155866	-6.41579	0.411603	0.411013	-2.43301	0.34917	0.350543	-2.78131	0.39866	0.400461	-2.49712	0.094686	0.143258	-6.98042	1.03639	18.4099	15.7897	1
cg10242496	SLC35D3	0.485319	0.84796	0.928257	1.07707	0.0947078	0.437387	1.96937	0.595917	1.09551	1.09551	0.489812	0.94467	-1.05917	0.0437153	0.89166	0.89166	0.403698	0.474291	-2.10811	0.0744195	0.49166	-2.03351	0.60042	0.665109	-1.50316	0.0298	0.91499	-1.08808	0.5514	3.82641	3.28104	1
cg01583543	ALG10B	0.485321	0.754614	0.87605	-1.14149	0.358413	0.671282	-1.48969	0.253295	1.6509	1.6509	0.73107	0.864932	-1.15616	0.157953	0.758333	-1.31868	0.411009	0.701308	-1.42591	0.064966	0.417011	-2.39802	0.290743	0.629559	-1.58841	0.425132	0.709108	-1.41022	1.03638	2.92381	2.50771	1
cg02482734	TP73	0.485343	0.158401	1.39243	1.39243	0.0756	0.883541	1.28283	0.162639	2.36344	0.98268	1.50242	0.528956	1.49153	0.0761544	2.19552	2.19552	0.0729	0.672386	-1.48778	0.0156553	0.0604387	-4.15219	0.257484	0.329414	-3.03586	0.629	0.788	1.03636	0.643286	0.414936	0.332409	1
cg01620360	NFKBIL1;NFKBIL1;NFKBIL1;NFKBIL1	0.485335	0.245205	0.68344	-1.46319	0.570573	0.835695	-1.19661	0.966624	0.986984	-1.01319	0.468367	0.793718	-1.25989	0.159149	1.60187	1.60187	0.615587	1.17178	1.17178	0.762756	1.09944	1.09944	0.353525	1.34839	1.34839	0.178826	1.639405	-1.56395	1.03636	1.60394	1.38034	1
cg23006133	ANKRD33B	0.485336	0.484434	0.898957	-1.1124	0.488554	0.899887	-1.11125	0.885136	1.02191	1.02191	0.967988	0.994002	-1.00603	0.281992	1.18248	1.18248	0.495532	1.10932	1.10932	0.175117	0.805584	-1.24134	0.195975	1.22753	1.22753	0.269347	1.18821	1.18821	1.03635	0.368899	0.316408	1
cg14403799	ABHD2IA	0.485337	0.241557	1.67922	1.67922	0.102524	1.17325	1.17325	0.870858	1.08545	1.08545	0.751921	1.07299	1.07299	0.452186	1.19754	1.19754	0.486676	1.17403	1.17403	0.0907405	2.0445597	2.0445597	0.0907405	1.54896	-1.19731	0.925779	0.978276	-1.02221	1.03635	0.837872	0.718651	1
cg14544631	DCTN4;DCTN4;DCTN4	0.485343	0.670487	0.633292	-1.57905	0.271726	0.01904	0.01904	?	?	?	0.585599	0.81486	1.81486	?	?	?	0.304173	3.55424	3.55424	?	?	?	0.484404	0.454914	-2.19822	1.31429	8.78776	2.67452	1
cg07445296	ITPK2	0.485347	0.212331	1.67477	1.67477	0.132057	1.12067	1.12067	0.804906	0.88137	-1.1346	0.807783	0.90434	1.10634	0.407957	0.0795767	0.370518	0.331015	3.16626	3.16626	0.173516	0.427199	-1.59439	0.53489	1.17805	1.17805	0.454009	0.677618	-1.47576	1.03633	4.27327	3.56529	1
cg15064042	WDR86	0.485356	0.977357	0.983131	-1.01716	0.993604	0.950207	-1.00482	0.149446	2.52679	2.52679	0.522993	1.47413	1.47413	0.206468	0.449876	-2.22284	0.216177	4.58307	-2.18194	0.521334	0.677289	-1.47648	0.314839	1.87237	1.87237	0.761391	1.2003	1.2003	1.03632	1.89808	5.05901	1
cg17693235	MAD1L1;MAD1L1;MAD1L1	0.48536	0.65484	0.746051	-1.34039	0.110128	3.10718	3.10718	0.198225	2.42379	2.42379	0.882314	0.90806	-1.10125	0.134032	0.349212	-2.86359	0.756623	1.22434	1.22434	0.828892	1.15133	1.15133	0.776145	0.830598	-1.20395	0.939782	0.952	-1.05042	1.03631	6.95732	5.9676	1
cg15737365	LOC613038;LOC388242	0.485363	0.254023	1.80809	1.80809	0.0725	1.12007	1.1067	0.804906	0.88137	-1.1346	0.807783	0.90434	1.10634	0.407957	0.0795767	0.370518	0.331015	3.16626	3.16626	0.173516	0.427199	-1.59439	0.53489	1.17805	1.17805	0.454009	0.677618	-1.47576	1.03633	4.27327	3.56529	1
cg05844193	LGI2	0.48537	0.902314	1.04419	1.04419	0.329909	1.42481	1.42481	0.082742	0.508341	-1.96718	0.847028	1.07037	1.07037	0.556982	1.20571	1.20571	0.410134	1.34528	1.34528	0.576999	0.820832	-1.21902	0.326423	0.699937	-1.4287	0.384243	1.3691	1.3691	1.03629	2.03503	1.74556	1
cg04894116	C7orf50;C7orf50;C7orf50	0.48539	0.363577	1.48097	1.48097	0.0973	1.08843	1.08843	0.0973	1.48147	1.48147	0.0973	1.00974	1.00974	0.158385	1.84025	1.84025	0.720423	1.84024	1.84024	0.0973	3.0	3.0	0.0973	1.48146	-1.15645	0.0973	1.48146	-1.68519	1.03629	3.03795	2.62725	1
cg27607092	STK10	0.485383	0.773601	1.16324	1.16324	0.0973297	2.64685	2.64685	0.566374	1.35508	1.35508	0.924237	0.951357	-1.05113	0.106704	0.397175	-2.51778	0.401216	1.56901	1.56901	0.481104	1.45562	1.45562	0.783619	1.15524	1.15524	0.974571	1.01685	1.01685	1.03627	4.51071	3.86919	1
cg19787508	SPTLC2	0.485387	0.631883	0.715995	-1.40077	0.401677	0.507201	-1.9716	0.166916	0.83725	-1.96516	0.229432	0.241221	2.45154	0.0835747	0.415161	1.10084	1.10084	1.10084	1.10084	0.0973	1.1562	1.1562	0.0973	0.670242	1.34861	1.34861	0.0973	1.0859	1.0859	0.729455	0.415624	-2.40526	1.03627	0.960942	0.819328	0.786337	1
cg10064060	C16orf45;C16orf45;C16orf45	0.485389	0.670802	1.49187	1.35911	0.87827	0.898447	1.81876	0.464761	1.73054	1.73054	0.854979	0.651484	1.53496	0.093704	0.75406	1.32606	0.901584	1.0915046	1.0915046	0.109284	0.343405	2.91457	0.0973	0.143246	0.724574	0.142466	0.424644	2.35725	1.28852	1.28852	1.03626	8.4325	7.25025	1
cg18025240	MSH5;MSH5;MSH5;MSH5	0.485397	0.393267	1.74831	1.74831	0.843691	0.880029	-1.13633	0.468706	1.61165	1.61165	0.46032	1.62681	1.62683	0.179137	2.51898	2.51898	0.645113	1.35016	1.35016	0.0733328	0.274523	-3.64268	0.846442	1.13373	1.13373	0.984632	1.01255	1.01255	1.03624	6.8781	5.90004	1
cg13145399	KIF26B	0.485399	0.847994	0.928257	1.07707	0.0947078	0.437387	1.96937	0.595917	1.09551	1.09551	0.489812	0.94467	-1.05917	0.0437153	0.89166	0.89166	0.403698	0.474291	-2.10811	0.0744195	0.49166	-2.03351	0.60042	0.665109	-1.50316	0.0298	0.91499	-1.08808	0.5514	3.82641	3.28104	1
cg03806192	DGKK	0.485401	0.221869	0.226984	-4.40559	0.528678	0.478451	-2.09008	0.973792	1.03867	1.03867	0.160433	0.56109	0.565109	0.855423	1.23448	1.23448	0.385669	0.358022	-2.79312	0.991068	1.01301	1.01301	0.124459	0.829	0.829	0.953841	0.935329	-1.06914	1.03623	21.892	18.7791	1
cg12908521	KCNA1;KCNA1	0.485414	0.884376	1.04904	1.04904	0.182222	0.647462	-1.59151	0.779591	1.09822	1.09822	0.472019	0.786086	-1.27213	0.117089	0.571154	-1.75084	0.092657	0.814655	1.14655	0.631741	1.18494	1.18494	0.892372	0.956437	-1.04555	0.56221	1.17651	1.17651	1.03623	1.92145	1.64923	1
cg16749247	FLH14303	0.485414	0.783117	0.906435	-1.10373	0.948067	0.991973	-1.00809	0.127765	1.17411	1.17411	0.537655	0.837984	-1.19371	0.192192	0.907731	-1.03334	0.741233	0.959826	-1.04186	0.61579	0.846644	-1.2275	0.457166	0.870565	-1.09822	0.155588	1.20685	1.20685	1.03617	0.25125	0.215537	1
cg23435916	IFLTD1;IFLTD1;IFLTD1;IFLTD1;IFLTD1	0.485437	0.803701	0.977373	-1.02315	0.680175	1.03883	1.03883	0.721076	0.965791	-1.03349	0.444696	1.07423	1.07423	0.735094	0.969272	-1.0317	0.682845	1.03847	1.03847	0.116418	1.16988	1.16988	0.115759	0.854608	-1.17013	0.384122	0.921263	-1.08547	1.03617	0.138594	0.118894	1
cg20548744	SH3GL2	0.485438	0.773247	0.77358	-1.29234	0.742636	1.34238	1.34238	0.42554	1.2236	1.2236	0.772705	0.700101	-1.42825	0.0973	2.04225	2.04225	0.219431	-1.12402	-1.12402	0.0973	1.37236	1.37236	0.50318	2.92	2.92	0.0973	1.37527	-1.37527	1.03617	0.192263	0.150568	1
cg01956420	COL4A1;COL4A2;COL4A2	0.485452	0.952422	0.941497	-1.06214	0.251411	0.298012	-3.35557	0.366863	2.55119	2.55119	0.534442	0.529593	-1.88824	0.892041	0.871802	-1.14705	?	?	?	?	?	?	0.171184	4.35799	4.35799	0.168309	4.40723	4.40723	0.76236	0.736094	-1.35852	1.02697	14.7572	14.3698	1
cg13227473	CDK1;CDK2;CDK1;CDK1;CDK1;CDK1	0.485459	0.729587	1.04065	1.04065	0.762864	0.965863	-1.03534	0.576204	1.06699	1.06699	0.730048	1.04058	1.04058	0.443161	1.10084	1.10084	0.988547	1.00165	1.00165	0.870934	1.01754	1.01754	0.937059	1.17865	1.17865	0.0310351	1.33737	1.33737	1.03613	0.21638	0.185632	1
cg12510267	ZEB2;ZEB2	0.485469	0.332262	1.75001	1.75001	0.806446	0.871672	-1.14722	0.540466	0.707016	-1.41439	0.518614	1.44212	1.44212	0.460428	1.52266	1.52266	0.439318	1.54571	1.54571	0.04295	3.63816	3.63816	0.340342	1.72723	1.72723	0.370166	1.66059	1.66059	1.03611	1.13657	4.40672	1
cg20409752	CAMTA1	0.485473	0.204955	0.430082	-2.32514	0.921776	0.939915	-1.06393	0.922809	0.940687	-1.06305	0.779219	1.194	1.194	0.70397	0.785966	-1.27232	0.28491	2.0153	2.0153	0.490677	0.642956	-1.55532	0.0861118	0.302276	-3.30823	0.381548	1.76158	1.76158	1.0361	6.53135	5.60335	1
cg16870105	WDR61	0.485475	0.934151	1.07783	1.07783	0.49864	0.202105	-2.75096	0.0106	0.438725	-2.96516	0.229432	0.241221	2.45154	0.0835747	0.415161	1.10084	1.10084	1.10084	1.10084	0.0973	1.1562	1.1562	0.0973	0.670242	1.34861	1.34861	0.0973	1.0859	1.0859	0.729455	0.415624	-2.40526	1.03611	0.960942	0.819328	0.786337	1
cg13816425	RAMP1	0.485484	0.340485	0.42836	-2.33448	0.0794444	0.53814	0.53814	0.476235	1.86855	1.86855	0.898437	0.89565	-1.11651	0.22629	0.334039	-2.99367	0.587744	0.60381	0.60381	0.65651	1.5675	0.58561	1.78389	1.78389	0.708892	1.38219	1.38219	1.03608	1.22222	10.4858	1
cg11395975	MLST8	0.485485	0.289755	0.82364	-1.21374	0.0973	1.04424	1.04424	0.0973	1.48147	1.48147	0.0973	0.954472	1.0477	0.159483	1.5482	1.5482	0.517272	1.62327	1.62327	0.0973	1.21052	1.21052	0.0973	1.00983	-1.00983	0.0973	1.00983	-1.00983	1.03608	1.1875	1.00464	1
cg06305758	ZBP1;ZBP1;ZBP1	0.485488	0.527257	0.483034	-2.07025	0.960229	0.944926	-1.05828	0.902578	1.14925	1.14925	0.495262	0.455366	-2.19603	0.556112	1.96663	1.96663	0.442917	2.43199	2.43199	0.203472	4.61183	4.61183	0.393538	2.69893	2.69893	0.0916938	2.1212	2.1212	1.03608	8.24419	7.03608	1
cg00123026	RHBDF2;RHBDF2 NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.485489	0.948965	1.03145	1.03145	0.776046	0.387158	-2.58293	0.705551	0.832239	-1.20158	0.713546	0.836634	-1.19527	0.760994	1.20115	1.20115	0.878578	0.92871	-1.07676	0.118057	2.27281	2.27281	0.595913	1.29552	1.29552	0.517423	1.37369	1.37369	1.03605	3.84025	3.29477	1
cg08845721	3C1;NR3C1	0.485514	0.343659	0.58908	-1.69756	0.539363	1.40089	1.40089	0.308273	1.77194	1.77194	0.893276	1.07553	1.07553	0.635125	0.771576	-1.29605	0.122707	0.403619	-2.47759	0.115899	0.418207	-2.39116	0.529054	0.707557	-1.41331	0.853877	1.10519	1.10519	1.03603	4.82875	4.14297	1
cg18595495	RIKRA	0.485516	0.151976	0.65124	-1.53566	0.0973	1.08121	0.929008	0.0973	1.48147	1.48147	0.0973	0.532083	1.87942	0.0973	0.676088	1.47911	0.0973	0.676088	1.47911	0.0973	0.536228	1.86412	0.0973	0.440604	0.532021	-1.88002	0.0973	0.532021	-1.88002	1.03603	0.0973	0.0973	1.48147	0.0973	0.0973	0.0973	1
cg14914552	PTDSS1	0.485524	0.547079	0.739637	-1.35202	0.104215	0.415133	-2.40887	0.882532

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3533 vs. N)	Fold-Change(3533 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5630 vs. N)	Fold-Change(5630 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg19016253	ERLIN1;ERLIN1		0.485985	1.115963	0.13083	1.32003	0.733447	1.05712	0.057237	1.0985	1.0985	1.0985	0.3622702	1.0642	1.1642	1.1642	0.6182256	1.08	1.08	1.08	0.8683154	1.027337	1.027337	1.0201592	0.1803196	-1.24503	-1.24503	0.8311127	-1.23285	0.752908	1.052666	1.03525	0.4330334	0.3718121	1
cg17504145	CRYBB2		0.485941	0.913333	1.06866	1.068866	0.436996	1.62194	1.62194	0.190266	0.429108	1.62194	0.190266	0.429108	-2.33042	0.218023	2.20411	2.20411	0.5557104	0.472229	0.640201	-1.562O1	0.270373	2.0137	2.0137	1.03524	0.09943	5.23715	1
cg11839652	SLC27A4		0.485947	0.748824	0.924941	-1.08115	0.502756	0.847731	-1.17962	0.19259	0.715375	-1.39787	0.0766861	0.619884	-1.6132	0.833696	1.05239	1.05239	0.50695	0.849145	-1.17766	0.272004	1.32011	1.32011	0.599711	1.13726	1.13726	0.988772	0.996588	-1.00342	1.03523	0.9672166	0.830491	1
cg24660635	HERC2		0.485952	0.684633	1.168353	-1.46299	0.482725	0.518078	-1.59301	0.111718	0.03233	0.03233	0.954351	1.04599	1.03479	1.0479	0.3491	0.4073142	-2.45512		0.245954	0.322816	-3.09774	0.314018	0.379478	-2.6352	0.28876	0.360571	-2.72799	0.702515	1.42985	1.42985	0.03522	1.24355	12.2233	1
cg10689689	MARK2;MARK2;MAK2;MARK2;MARK2		0.485974	0.161352	0.342274	-2.92163	0.359243	1.96541	1.96541	0.578813	1.49473	1.49473	0.449031	0.575232	-1.73843	0.20614	0.3844668	-2.601		0.559479	0.655059	-1.52658	0.815813	0.845987	-1.18205	0.157481	0.338409	-2.955	0.327554	0.484599	-2.06356	1.03518	8.42363	7.2332	1
cg11161882	TRIM11		0.485989	0.515592	1.43471	1.43471	0.424273	1.56262	1.56262	0.555881	0.721678	-1.38566	0.66747	1.267	1.267	1.267	0.263892	1.89206	1.89206		0.372898	1.65016	1.65016	0.070706	0.330939	-3.0217	0.905699	0.937571	-1.06704	0.890516	0.927362	-1.07833	1.03515	4.9151	4.22061	1
cg21763598	FAM133B;FAM133B		0.485991	0.929906	0.971394	-1.03445	0.821979	1.07718	1.07718	0.495911	0.796052	-1.25619	0.795465	1.08948	1.08948	0.694708	1.11897	1.11897		0.494168	1.25739	1.25739	0.343717	0.724862	-1.37956	0.137	1.69626	1.69626	0.080991	1.89319	1.89319	0.10514	1.78413	1.53305	1
cg14448086	PFKP		0.485998	0.384536	1.84395	1.84395	0.571257	1.37019	1.37019	0.275911	1.86612	1.86612	0.0581052	1.25078	1.25078	0.300627	1.80466		0.154282	2.31495	2.31495	0.214959	2.03907	2.03907	0.379046	1.64335	1.64335	0.766224	1.17835	1.17835	0.15314	4.96709	4.26312	1
cg19504301	LARS;LARS		0.486	0.201766	2.04322	2.04322	0.0783067	0.354599	-2.82009	0.661663	1.26292	1.26292	0.806028	0.877735	-1.1393	0.713625	0.8225518	-1.21578		0.785612	1.1555	1.1555	0.236676	1.92943	1.92943	0.571402	1.35416	1.35416	0.88176	1.08209	1.08209	0.10513	4.60651	3.9557	1
cg10098771	KDM4B		0.486005	0.761127	1.866317	1.866317	0.15432	1.37883	1.37883	0.172365	1.07265	1.07265	0.739183	0.885105	-1.15593	0.194053	0.2552202	-3.84809		0.2598	1.74597	1.74597	0.572686	1.22181	1.22181	0.906619	1.10297	1.10297	0.14021	1.65073	1.87443	1.07735	1.07735	0.10491	3.60947	2.67566	1
cg13904560	GABRB3;GABRB3		0.486006	0.653008	1.777306	-1.28649	0.0346484	1.93946	1.93946	0.33481	1.73965	1.73965	0.93966	0.33481	1.73965	1.73965	0.93966	0.33481	0.2257428	0.717379	-1.39396		0.823387	1.13251	1.13251	0.885723	1.08334	1.08334	0.615018	1.32615	1.32615	0.575605	0.729903	-1.37004	1.03512	5.08002	4.36236	1
cg05846056	FGGY;FGGY		0.486008	0.404245	0.8958062	-1.20193	0.483206	0.656058	-1.16753	0.0609607	0.643762	-1.55337	0.398562	0.828724	-1.20657	0.0996282	0.9996	1.12194	1.12194		0.309492	0.770991	-1.2626	0.0719617	0.913304	1.25633	1.25633	0.83958	1.04501	1.04501	0.10512	0.774565	0.665144	1
cg22428623	GDAP1;GDAP1		0.486012	0.500764	0.816287	-1.22506	0.244975	0.696812	-1.43511	0.486775	1.23353	1.23353	0.519875	0.823849	-1.21381	0.987273	1.00475	1.00475		0.878876	1.04634	1.04634	0.0789033	1.78522	1.78522	0.48713	1.81083	-1.23331	0.417874	1.27877	1.27877	0.10351	1.44637	1.22405	1
cg11565114	ZKDA		0.486024	0.160539	0.098949	-10.1062	0.577694	0.419838	-2.38187	0.797408	0.673737	-1.48727	0.127952	0.37296	0.37296	0.127952	0.37296	0.127952	0.37296	0.127952	0.209158	0.129676	-7.71153	0.982566	0.966845	-1.03429	0.292853	0.58643	0.888685	1.24123	1.24123	0.10305	39.0344	33.521	1
cg24459702	LAPTM5		0.486029	0.96757	1.01534	1.01534	0.28366	1.5085	1.5085	0.703624	1.40725	1.40725	0.179952	0.806837	-1.15365	0.314796	0.677656	-1.47557	0.328399	0.45882	-2.17864		1.43071	1.40601	1.40601	0.167331	1.735	1.735	0.190055	1.66826	1.66826	0.154053	0.793242	-1.26085	1.03508	2.29721	1.97276	1
cg20484417	PPIA2		0.486039	0.245943	0.386193	-2.58938	0.0522478	0.177106	-5.64634	0.232926	0.375051	-2.6663	0.785311	0.807278	-1.23873	0.266309	0.4032814	-2.47966		0.858889	0.869766	-1.14973	0.856605	0.867779	-1.15237	0.682078	1.38117	1.38117	0.728755	1.31384	1.31384	0.10506	10.0775	8.65438	1
cg23595621	RNASE6		0.486042	0.156124	0.369633	-2.70539	0.11879	0.104344	-9.10634	0.624363	0.723442	-1.38238	0.579278	0.692552	-1.44393	0.407223	0.573426	-1.7439		0.512901	0.647073	-1.54542	0.693016	1.29727	1.29727	0.0859281	0.287987	-1.47237	0.859098	1.12362	1.12362	0.10506	7.05366	6.05757	1
cg22599036	SLC37A1		0.486047	0.916728	1.089079	-1.09185	0.757486	1.90054	1.90054	0.761114	1.0479	1.0479	0.915548	0.983854	-1.01641	0.518855	0.5094512	-1.92557		0.573101	1.09075	1.09075	0.476863	0.894942	-1.11739	0.196146	0.810784	-1.23337	0.934457	1.0127	1.0127	0.10505	0.38638	0.331527	1
cg18709951	CNR1;CNR1;CNR1;CNR1;CNR1;CNR1		0.486059	0.791719	0.893635	-1.11903	0.0408866	2.72587	2.72587	0.181283	1.82764	1.82764	0.688636	0.842693	-1.18667	0.732747	1.15678	1.15678		0.466239	1.37033	1.37033	0.334352	1.52663	1.52663	0.685911	1.18857	1.18857	0.968461	1.01694	1.01694	0.10502	2.95957	2.54171	1
cg11871021	C6orf115		0.486081	0.297439	0.803944	-1.24384	0.238738	1.60036	-1.66422	0.448863	1.32615	1.32615	0.134733	0.695099	-1.43894	0.950386	0.2032	1.0909		0.418015	1.35332	1.3909	1.69917	1.69917	1.69917	0.0001	1.16	0.515179	0.785637	-1.27281	0.84948	2.19089	1.88163	1
cg23828170	UST		0.486112	0.731067	1.18639	1.18639	0.527197	0.728062	-1.37351	0.650481	0.797746	-1.25353	0.310991	1.68083	1.68083	0.715244	0.83401	-1.19903		0.750551	1.17117	1.17117	0.339825	1.62798	1.62798	0.0405705	3.22689	3.22689	0.088251	1.07601	1.07601	0.10493	4.0225	3.54589	1
cg22945607	SH3GL1		0.486123	0.249421	0.813216	1.232752	0.429347	1.09477	1.09477	0.566302	1.10593	1.10593	0.196524	0.844048	-1.18356	0.244773	0.7452257	-1.3418	0.944128	0.987059	-1.0131	0.0830932	0.818316	-1.22198	0.745505	0.945179	-1.058	0.950039	1.18152	1.18152	0.364729	1.17528	1.17528	0.10491	0.4085858	0.423319	1
cg06986985	GNG4;GNG4;GNG4		0.486123	0.162093	0.235757	-4.24165	0.357551	1.49898	1.49898	0.444599	2.12626	2.12626	0.841935	1.21321	1.21321	0.0980378	0.172609	0.79345		0.745488	0.729593	-1.37063	0.92599	0.913991	-1.0941	0.437354	2.15309	2.15309	0.670932	0.661208	-1.51238	0.14991	15.3577	13.1908	1
cg26502194	SLIT3;MIR218-2		0.486132	0.472686	0.78784	-1.26921	0.690669	1.1395	1.1395	0.808729	0.923879	-1.08239	0.990952	0.996305	-1.00371	0.496939	0.798381	-1.25253		0.681019	0.837766	-1.19447	0.040231	2.16149	2.16149	0.317277	1.40145	1.40145	0.973727	1.01081	1.01081	0.10489	1.74696	1.5005	1
cg07150538	MIX1;MIX1;MIX1		0.486136	0.182736	0.185314	-5.39622	0.0373549	1.864591	1.86459	0.0602662	2.11047	2.11047	0.496331	0.74961	-1.33396	0.105913	0.1490	1.10949	0.3473177	0.1354142	1.80769	0.943431	-1.05996	0.520214	0.859828	-1.16302	0.682777	0.505759	1.16353	1.16353	0.364729	0.879887	0.755759	1
cg10908447	GAUNT10		0.486137	0.222647	2.26181	2.26181	0.672196	1.31134	1.31134	0.41891	0.590962	-1.69216	0.484318	1.57244	1.57244	0.653137	1.33389	1.33389		0.29456	0.99838	1.99838	0.998061	1.00155	1.00155	0.0702411	3.62854	3.62854	0.21519	2.29529	2.29529	0.10488	6.64774	5.70993	1
cg10765992	TJTC23;TJTC23;TJTC23;TJTC23;TJTC23;TJTC2		0.486139	0.816379	0.86697	-1.15344	0.109366	0.342538	-2.91939	0.511033	0.664234	-1.50549	0.840947	0.883984	-1.13124	0.106966	0.339594	-2.94469		0.700279	1.26793	1.26793	0.853516	0.892765	-1.12012	0.686174	1.28312	1.28312	0.135472	0.372507	-2.68451	1.03488	6.17334	5.30248	1
cg01624348	DLC1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;		0.486146	0.665547	1.30734	1.30734	0.749553	0.820895	-1.21818	0.685974	1.28464	1.28464	0.0763202	0.296669	-3.37076	0.240752	2.13145	2.13145		0.212844	2.24452	2.24452	0.608557	1.37479	1.37479	0.586728	1.40245	1.40245	0.953685	1.03644	1.03644	0.10486	6.22365	5.34575	1
cg05141718	PRKAR1B;PRKAR1B		0.48615	0.204893	0.375388	-2.66391	0.454798	0.57255	-1.74657	0.983361	0.10539	0.10539	0.611791	0.687365	-1.45483	0.148224	0.321096	-3.11433		0.321018	0.471888	-2.11955	0.463353	0.892765	-1.12014	0.704179	0.714034	-1.40038	0.34686	0.879355	7.5532	1
cg02623234	WDR60		0.486163	0.876539	1.054693	-1.08859	0.242894	0.534249	-1.87149	0.241749	0.281246	0.281246	0.151916	0.244643	0.244643	0.0978584	0.210264	-4.75557		0.50397	1.27207	1.27207	0.491276	0.990816	-1.00927	0.944315	0.954028	-1.04828	0.962664	0.948719	1.05405	0.948585	0.941728	10.0364	1
cg07940380	OPHN1;OPHN1		0.486157	0.21307	0.254624	-3.92735	0.171543	0.219037	-4.56543	0.405296	0.411378	-2.43085	0.201076	0.49021	0.49021	0.814301	0.803703	1.24424		0.182216	0.228325	-4.37973	0.811242	0.779118	-1.2835	0.787421	1.32573	1.32573	0.828052	1.25473	1.25473	0.10484	1.87866	15.3209	1
cg18810347	IKZF1		0.486159	0.582109	0.938223	-1.06584	0.0571277	1.2801	1.2801	0.237047	1.15273	1.15273	0.473524	0.919764	-1.08724	0.327203	1.12305	1.12305		0.943139	0.991489	-1.00822	0.473038	1.08734	1.08734	0.567041	1.08075	1.08075	0.700192	1.04539	1.04539	0.10484	0.215747	0.185318	1
cg13955042	CD1A;CD1A;CD1A;

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Probeset ID	UCSC_REFGENE_NAME MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;M OG;MOG;MOG;MOG;MOG	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs. N)	p-value(1247 vs. N)	Fold-Change(1 vs. N)	p-value(1437 vs. N)	Fold-Change(1 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs. N)	p-value(5437 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs. N)	F(Error)	SS(Test)	SS(Error)
cg15999796			0.257087	1.8087	1.8087	0.354778	1.61116	1.61116	0.659718	0.800916	-1.24857	0.222571	1.90065	1.90065	0.903012	1.06298	1.06298	0.430685	1.49629	1.49629	0.0750656	2.69262	2.69262	0.318764	1.67575	1.67575	0.192189	1.99697	1.99697	1.03379	4.10999	3.53392	1
cg26008260			0.830854	0.954304	-1.04788	0.151793	1.399	1.399	0.796228	1.05822	1.05822	0.182124	0.733702	-1.36295	0.550351	1.14125	1.14125	0.407254	0.8308	-1.20166	0.212182	1.33288	1.33288	0.453843	1.18156	1.18156	0.706423	0.92059	-1.08626	1.03379	0.782812	0.673091	1
cg27892413			0.198738	1.120097	3.53608	3.53608	0.807726	1.20037	1.20037	0.851659	1.15053	1.15053	0.878965	0.892131	-1.12091	0.72342	1.04093	1.30493	1.04093	1.30493	0.637686	0.700956	-1.4265	0.591898	1.49582	1.49582	0.321024	2.15545	2.15545	1.050289	5.31995	5.31995	1.03378	9.186	7.89854	1
cg02030008	PTPRN2;PTPRN2;PTPRN2		0.048374	0.143716	-6.76975	0.45592	0.534194	-1.87198	0.779774	0.793382	-1.26043	0.13415	0.263481	-3.79534	0.302535	0.41401	-2.41539	0.262266	0.380923	-2.6252	0.367949	0.465992	-2.14596	0.550853	0.607569	-1.6459	0.601436	0.647166	-1.54552	0.703377	11.1622	9.59781	1
cg19442915	CKM		0.296712	2.42523	2.42523	0.996868	1.00322	1.00322	0.532074	1.70403	1.70403	0.121668	0.95088	1.95088	0.401354	2.02051	2.02051	0.235179	2.7699	2.7699	0.0990021	4.38167	4.38167	0.810128	1.21786	1.21786	0.141234	3.65312	3.65312	1.03374	10.9776	9.43937	1
cg12855247	TRIAP		0.486763	0.954588	1.05928	1.05928	1.020791	0.173264	-5.77155	?	?	?	0.42698	2.28511	2.28511	?	?	?	?	?	0.652618	0.631712	-1.583	0.892601	1.14641	1.14641	0.322086	2.84815	2.84815	1.02865	10.5788	10.2842	1
cg23152808	C19orf12;C19orf2		0.928773	0.929885	0.958171	-1.04396	0.689371	0.81277	-1.22947	-1.5541	0.548531	1.3428	1.3428	?	?	?	0.112	0.431599	-2.31697	?	?	?	0.280171	1.73471	1.73471	0.874343	0.816915	-1.22412	0.915645	1.04994	1.04994	0.786792	0.876564	-1.14069	1.02449	3.39997	3.31871	1
cg09398094	CKAP2;CKAP2		0.486778	0.352969	0.889992	-1.12361	0.973569	0.995968	-1.00405	0.394979	0.899216	-1.11208	0.454861	1.09727	1.09727	0.820455	0.972661	-1.02811	0.294885	0.875934	-1.14164	0.326508	1.13147	1.13147	0.09800291	0.801456	-1.24773	0.52006	1.08276	1.08276	1.0357	0.243427	0.209324	1
cg25440086	SYT11;SYT11		0.863491	0.9469	-1.05608	0.124202	0.694665	-1.43954	0.73035	0.927077	-1.07866	0.790879	1.05989	1.05989	0.999424	0.999842	-1.00016	0.841192	1.04488	1.04488	0.272908	0.779013	-1.28368	0.464196	1.17708	1.17708	0.113974	1.4569	1.4569	1.03368	0.784098	0.674269	1
cg13370412	PHF16;PHF16		0.810383	0.357036	0.889992	-1.12361	0.973569	0.995968	-1.00405	0.394979	0.899216	-1.11208	0.454861	1.09727	1.09727	0.820455	0.972661	-1.02811	0.085763	0.234982	-4.25565	0.99461	0.994861	-1.00517	0.937179	0.941604	-1.06196	0.915051	0.921847	1.08478	1.03366	0.521933	0.18836	1
cg17570587	CNOT8		0.486805	0.079055	0.58754	-1.70201	0.504768	1.20273	1.20273	0.642223	1.20273	-1.1361	0.591195	0.862538	-1.15937	0.079544	0.586574	-1.69873	0.882283	0.96238	-1.03909	0.771104	1.08281	1.08281	0.794832	1.07366	1.07366	0.804216	0.934503	-1.07009	1.03365	1.21772	1.04718	1
cg16268380	MEGDC1;MEGDC1		0.486814	0.717758	0.763192	-1.31373	0.087795	0.423728	4.12278	0.073963	0.228552	4.37529	0.919913	0.939559	-1.06433	0.879833	0.892504	-1.12044	0.867211	0.887941	-1.13405	0.560553	0.642488	-1.55645	0.980908	1.01815	1.01815	0.903057	1.09593	1.09593	1.03364	9.25093	7.98544	1
cg18078225	MGEA5;MGEA5		0.486821	0.519365	1.16842	1.16842	1.14006	1.1406	1.1406	0.315164	1.08154	1.08154	0.600264	0.881616	-1.13428	0.0510094	1.69833	1.69833	0.146682	1.54255	1.54255	0.730123	0.920794	-1.08602	0.919383	1.02442	1.02442	0.680482	0.906038	-1.10371	1.03362	0.929581	0.799415	1
cg13042329	STMN2		0.486826	0.139293	0.502229	-1.99112	0.227407	1.7306	1.7306	0.435533	1.41106	1.41106	0.561586	1.28616	1.28616	0.731037	0.861264	-1.16108	0.233202	1.70702	1.70702	0.216738	1.75121	1.75121	0.658433	1.21236	1.21236	0.707683	1.17709	1.17709	1.03362	3.06689	2.63746	1
cg07219667	BAHCC1		0.486843	0.908621	1.02948	1.02948	0.944021	0.98701	-1.15065	0.99991	1.00002	1.00002	0.944559	0.990002	-1.00837	0.850903	1.01658	1.01658	0.444941	1.85362	-1.17046	0.0513601	0.638648	-1.56581	0.0883976	0.683867	-1.46227	0.643131	0.910001	1.0989	1.03358	0.668768	0.57517	1
cg07256221	SLC25A43		0.486846	0.0539658	0.170014	-5.88186	0.419244	0.512501	-1.95122	0.44166	0.529702	-1.88785	0.569081	1.59378	1.59378	0.690507	1.38286	1.38286		0.174898	0.310791	-3.21759	0.651666	0.69206	-1.44496	0.535008	0.601182	-1.66339	0.811134	1.21397	1.21397	1.03358	10.7384	9.23515	1
cg07209819	NPR1		0.486848	0.651771	0.943468	-1.05893	0.269716	0.865141	-1.15588	0.619578	0.938267	-1.06511	0.736299	0.958294	-1.04352	0.991585	1.00131	1.00131	0.392549	0.895477	-1.11672	0.210428	0.846762	1.18097	0.234641	1.17002	1.17002	0.171625	1.20133	1.20133	1.03358	0.260946	0.229643	1
cg18421339	DDX39		0.486857	0.174548	0.70451	1.07451	0.12153	1.43972	1.43972	0.0580744	1.59218	1.59218	0.771182	0.939588	-1.06476	0.848246	1.04247	1.04247	0.545003	1.44226	1.44226	0.164719	0.97071	-1.02353	0.829567	1.04792	1.04792	0.424102	0.837569	-1.19393	1.03356	0.771709	0.663691	1
cg03654727	SETBP1		0.486861	0.141375	4.21165	4.21165	0.0949457	5.29802	5.29802	0.154781	3.98957	3.98957	0.493202	1.88192	1.88192	0.509412	1.83693	1.83693	0.845748	0.837801	-1.1936	0.253442	2.95559	2.95559	0.295126	2.68189	2.68189	0.332344	2.48103	2.48103	1.03355	13.514	11.6225	1
cg00830419	BAX;BAX;BAX;BAX;BAX		0.486865	0.80151	1.24064	1.24064	1.07826	1.07598	1.07598	0.40619	1.20734	1.20734	0.089758	0.881002	-1.13501	0.631366	1.58349	1.58349	0.12753	0.597961	1.14125	1.14125	0.854857	0.61462	-1.62705	0.990702	1.00839	-1.00287	0.850209	1.04806	1.04806	1.03354	1.00909	0.867859	1
cg22662482	FEN1;C11orf10;MIR611		0.486866	0.112376	0.664453	-1.505	0.983221	0.995039	-1.00494	0.341848	1.2605	1.26065	0.182652	0.715718	-1.3972	0.257248	0.929297	-1.07608	0.166599	0.705536	-1.41736	0.890461	1.03313	0.677807	0.905915	-1.10386	0.628062	1.12239	1.12239	1.03354	0.91558	0.787436	1
cg00063535	TPCN1;TPCN1		0.486873	0.37705	0.884043	-1.13093	0.122908	0.485568	-2.05811	0.136251	0.989878	2.5504	0.944872	1.04037	1.04037	0.774237	0.844226	-1.18393	0.0866145	0.444872	2.24897	0.0139548	0.0443449	4.01435	0.0633084	0.143447	-6.97123	0.136265	0.224794	-4.44852	0.509327	0.536656	-1.86339	1.03353	14.1508	12.1705	1
cg24536362	SV2B;SV2B		0.486874	0.279662	0.351699	-2.84334	0.556185	0.574965	-1.73924	0.65374	0.657165	-1.52169	0.467787	0.50312	-1.9876	0.263854	0.338603	0.95331	0.161578	0.249107	-4.01435	0.0633084	0.143447	-6.97123	0.136265	0.224794	-4.44852	0.509327	0.536656	-1.86339	1.03353	14.1508	12.1705	1
cg02595819	ZNF547;TRAPPC2P1		0.486877	0.843481	1.03383	1.03383	0.892056	1.02312	1.02312	0.251218	0.817286	-1.22356	0.955762	0.990707	-1.00938	0.752215	1.05475	1.05475	0.481856	0.88664	-1.12785	0.313078	1.19198	0.149876	0.771184	-1.29671	0.157189	1.28996	1.28996	1.03352	0.463678	0.39879	1
cg25479134	STK17B		0.486884	0.422796	0.87398	-1.14393	0.224088	0.567231	1.76313	0.466238	0.974249	1.08656	1.02645	0.970419	1.02645	0.970419	1.02645	0.970419	0.693032	1.1784	-1.17384	0.0514606	0.450969	-2.21745	0.475457	0.63233	-1.58145	0.343714	0.674318	-1.48268	0.70151	2.67576	2.29772	1
cg23837911	GPC3;GPC3;GPC3;GPC3		0.486885	0.227699	0.327079	-3.05737	0.174592	0.280429	-3.56596	0.64601	1.50405	1.50405	0.811698	1.23446	1.23446	0.763467	0.766164	-1.3052	0.0620842	0.156631	6.38442	0.623885	1.54677	1.54677	0.919682	1.09308	1.09308	0.737534	0.743168	-1.34559	1.03351	12.7493	10.9652	1
cg01220829	ANKRD1		0.486894	0.824837	0.935019	-1.0765	0.533503	1.9211	1.9211	0.19637	1.03635	1.03635	0.0608832	0.376548	1.39025	0.176048	1.36048	0.285093	0.574123	1.40018	0.629211	0.662891	-1.15889	0.953162	1.53234	1.74833	0.902039	-1.10349	0.81949	1.50375	1.29335						
cg05137261	NR0B1		0.486895	0.203485	0.203898	-4.90441	0.803174	0.743901	-1.34427	0.947191	0.924295	-1.08163	0.23751	0.43168	1.43168	0.175826	0.502237	0.50237	0.16001	0.168905	5.92047	0.197701	-1.02353	0.829567	1.04792	1.04792	0.424102	0.837569	-1.19393	1.03356	0.771709	0.663691	1
cg02613418	ITGA11		0.486902	0.434253	1.398	1.398	0.554113	0.777788	-1.2857	0.78011	1.11922	1.11922	0.289246	1.58716	1.58716	0.560204	0.780858	-1.28064	0.233459	1.68976	1.68976	0.163989	1.86574	1.86574	0.182483	1.81146	1.81146	0.204063	1.75569	1.75569	1.03348	2.88633	2.48252	1
cg03592051	GSG1L;GSG1L		0.486906	0.445132	1.83256	1.83256	-1.58414	0.354027	0.76429	-1.73482	0.718791	1.23233	1.23233	0.617166	1.76963	1.76963	0.288006	0.351554	2.84462	0.245107	0.495385	2.02183	0.484748	2.06383	0.331944	-1.03255	0.302224	1.55393	-1.45424	0.842567	0.891468	-1.12175	1.03347	0.364892	0.313889	1
cg01453157	WDR81;WDR81;WDR81;WDR81		0.486906	0.594816	0.813274	-1.2296	0.0796635	0.174272	2.11472	0.76442	1.12154	1.12154	0.238734	0.621829	-1.60816	0.655605	0.841735	-1.18802	0.191567	0.587233	-1.7029	0.611566	0.821038	-1.21797	0.795988	0.905057	-1.1049	0.836006	0.923293	-1.08308	1.03347	2.42643	2.08698	1
cg11801452	ZBTB12		0.486908	0.0810554	0.0810554	0.0810554	0.0810554	0.875663	1.14286	0.0810554	0.0810554	0.49389	0.839073	0.880237	-1.13598	0.45348	0.895504	-1.11693	0.880715	0.883748	1.13085	0.884206	0.884206	0.884206	1.3885	1.3885	0.720033	1.38564	1.38564	1.03346	2.4095	1.94557	1
cg05354540	CDC44;CDC44		0.486917	0.674733	0.913499	-1.09469	0.734131	0.929532	-1.07581	0.793366	1.05788	1.05788	0.236026	0.766306	-1.30496	0.155998	0.722283	1.3845	0.716248	0.924736	-1.08139	0.0916786	0.671615	-1.48895	0.329592	1.24069	1.24069	0.451791	1.848466	-1.1786	1.03345	0.752051	0.646854	1
cg01253057	SLC35E1		0.486940	0.103014	0.751305	-1.33102	0.732727	0.946527	-1.05649	0.154067	1.27714	1.27714	0.289636	0.838445	-1.19268	0.801684	1.04117	1.04117	0.728885	0.57157	1.75017	1.05737	0.837984	1.19398	0.149876	1.20777	1.20777	0.170333	0.507236	1.1139	1.1139	0.558798	1.09942	1.09942	1.0334	0.42066	0.363836	1
cg00665601	ATRX;ATRX		0.486952	0.171382	0.6398	-1.56253	0.0966	0.153313	-6.4528	0.360956	0.464294	-2.14044	0.745757	1.30846	1.30846	0.674294	-1.24044	0.745757	1.30846	0.0196354	0.0693032	1.1784	-1.17384	-1.17384	0.0514606	0.450969	-2.21745	0.475457	0.63233	-1.58145	0.343714	0.674318	-1.48268	1.4792	1.4792	1.03338	11.1762	9.6135	1
cg12483813	FCHSD2		0.486955	0.243337	0.745041	-1.34221	0.838332	0.951204	-1.0513	0.854707	0.95677	-1.04518	0.542864	0.862008	-1.16008	0.111552	0.658469	-1.51867	0.199295	1.38675	1.38675	0.385316	1.23934	1.23934	0.999192	0.999756	-1.00024	0.557655	1.15368	1.15368	1.03338	0.951248	0.818243	1
cg02859554	GPR64;GPR64;GPR64;GPR64		0.486957	0.376764	0.940259	-1.06385	0.854589	1.20994	0.845024	1.20994	1.09614	1.09614	0.0507953	0.32332	3.09332	0.0162358	3.09332	0.0162358	0.360836	-2.77455	0.0360242	0.0360242	0.0360242

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Probeset ID	UCSC_REFGENE_NAME CCHC1;TCF19;CCHC1;TCF19;CCHC1	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(127T vs. N)	Fold-Change(127T vs. 12T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 47T vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. 53T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	F(Error)	SS(Test)	SS(Error)
cg04824716	CCHC1;CCHCR1		0.426057	0.8146552	-1.22752	0.157798	0.683233	-1.46363	0.293781	1.31609	0.13609	0.28543	0.755915	-1.3229	0.241634	0.73409	-1.36223		0.351183	0.785052	-1.2738	0.744844	1.08585	1.08585	0.207821	0.715358	-1.3979	0.70417	0.908269	-1.101	1.03238	1.04012	0.89555	1
cg13755766	RDX2		0.487502	0.62732	1.17647	1.17647	0.996942	0.998513	-1.00149	0.118035	0.5173	-1.93311	0.615358	0.821402	-1.21743	1.03324	0.500508	-1.99797		0.878744	0.942434	-1.06108	0.333684	0.678927	-1.47291	0.569284	1.25029	1.25029	0.432894	1.36453	1.36453	1.03237	2.46601	2.12327	1
cg14293548	PAX6;PAX6;PAX6		0.487507	0.902771	1.02834	-1.07719	0.041109	4.1945	4.1945	4.195396	2.66218	2.66218	0.555701	1.483025	1.437055	1.48776	2.55202		0.496643	1.52182	1.521308	1.52182	1.7812	1.7812	1.88291	1.48291	1.48291	1.48291	0.495222	1.524	1.524	1.524	0.340544	1.81768	1.81768	1.03237	0.6519	5.21081	1
ch.6.27686237	PHACTR2;PHACTR2;PHACTR2;PHACTR2		0.487507	0.467809	0.486337	-2.05627	0.849302	0.830589	-1.20396	0.999389	1.00075	1.00075	0.272368	0.327964	-3.04911	0.460729	1.07468	0.30511		0.594858	0.592283	-1.68838	0.111247	0.18398	-5.43538	0.470918	0.488853	-2.0456	0.460961	0.480739	-2.08013	1.03237	15.569	13.4052	1
cg05509228	SMOC2;SMOC2		0.487751	0.925501	0.824251	-1.21322	0.166267	21.1263	21.1263	0.302134	0.109795	-9.1079	0.971171	1.07754	1.07754	0.988416	1.03046	1.03046		0.900511	1.29495	1.29495	0.119105	0.0303311	-32.9695	0.276937	10.3488	10.3488	0.539993	3.6044	3.6044	1.03236	69.828	60.1237	1
cg16694231	ATP6AP1L		0.487925	0.718401	0.888794	-1.1126	0.04078	1.95633	1.95633	0.638155	0.869719	1.1498	0.351044	0.753658	-1.32686	0.674672	0.883933	-1.13146		0.987052	1.00479	1.00479	0.302796	1.36961	1.36961	0.814477	0.933081	-1.07172	0.81124	0.939052	-1.0649	1.03233	1.41957	1.22312	1
cg24878090	DGKZ		0.487934	0.0633892	3.03711	3.037311	0.329372	2.585283	-1.70857	0.692602	0.809421	-1.23545	0.330227	0.592041	-1.68907	0.816443	1.13168	1.13168		0.591154	0.749345	-1.3345	0.870233	0.916677	-1.0909	0.539144	0.718307	-1.39216	0.441909	1.51779	1.51779	1.0323	6.62962	3.98644	1
cg26099876	EIF2C;EIF2C2		0.487544	0.807129	1.07255	1.07255	0.482553	1.47173	1.47173	0.279557	1.83803	1.83803	0.459072	1.5041	1.5041	0.107942	0.38684	-2.58505		0.213708	2.03183	2.03183	0.477043	0.6760555	-1.47917	0.621522	0.763795	-1.30525	0.920887	1.05526	1.05526	1.0323	4.7934	4.12748	1
cg02015280	AGBL3		0.487545	0.223228	1.88961	1.889611	0.227333	1.821353	1.821353	0.777344	1.19004	1.19004	0.852325	0.979227	1.016576	0.96402	1.07576		0.202804	1.57727	1.577271	0.540964	0.3292227	1.016576	0.843882	1.057903	1.057903	0.843882	0.3738851	1.117151	1.11715	1.0323	0.240768	2.007321	1
cg08336688	CAMTA1		0.487546	0.807868	1.08824	1.08824	0.614666	0.838469	-1.19265	0.976598	0.989871	-1.01023	0.827038	0.926863	-1.07891	0.251514	0.659821	1.51556		0.356914	1.38937	1.38937	0.052898	2.14595	0.586243	0.826341	-1.21015	0.841318	0.932792	-1.07205	1.03229	1.9694	1.69582	1
cg09956546	JRK;JRK		0.487555	0.0790021	0.457631	-2.87662	0.353116	0.599582	-1.66721	0.62707	0.153838	1.53838	0.297832	0.502804	-1.98315	0.823012	0.887427	-1.12685		0.141668	0.426674	-2.34371	0.0644057	0.7500554	-1.33254	0.689932	0.80743	-1.2385	0.939155	0.603713	-1.65642	1.04622	4.00772	3.42547	1
cg01055146	PLK1S1;PLK1S1;PLK1S1		0.487551	0.695336	0.748291	-1.33638	0.387912	1.91932	1.91932	0.804742	0.833197	-1.2002	0.709753	1.53181	1.31711	1.7	0.0575191		0.501678	1.65265	1.65265	0.0899879	3.36213	3.36213	0.226217	2.55025	2.55025	0.156819	3.0016	3.0016	1.02303	7.81724	7.64127	1
cg27324541	GNG7		0.487554	0.253959	0.545891	-1.83187	0.53287	1.37845	1.37845	0.588128	0.757421	-1.32027	0.78502	1.14906	1.146033	0.452484	2.210502		0.852715	1.09004	1.09004	0.0691874	0.5359857	-2.8098	0.617803	0.774492	-1.29117	0.926535	1.04798	1.04798	1.03228	4.22136	3.63498	1
cg27083825	SYNJ2		0.487557	0.0967005	0.65598	2.615998	0.257795	1.88265	1.88265	0.424008	1.55469	1.55469	0.486399	1.4606	1.4606	0.705557	0.816065	-1.22548		0.556225	1.37551	1.37551	0.295076	1.78904	1.78904	0.0980205	2.64401	2.64401	0.279736	1.82567	1.82567	1.03227	4.69137	4.03973	1
cg02985959	DLGAP2		0.487558	0.233967	0.702941	-1.42259	0.826246	1.06408	1.06408	0.687625	1.12096	1.12096	0.367605	0.769936	-1.29881	0.810143	0.932469	-1.07036		0.609088	1.15685	1.15685	0.0525896	1.86366	1.86366	0.824879	0.939314	-1.06461	0.826521	1.06397	1.06397	1.03227	1.30471	1.12348	1
cg24493560	FAM13B;FAM13B;FAM13B;FAM13B;FA		0.487571	0.511358	0.569626	-1.75461	0.482099	0.547724	-1.82574	0.822359	1.20858	1.20858	?		?		0.0575191		?	?	?	0.464987	1.87388	1.87388	0.663743	0.691574	-1.44598	0.958304	1.00444	1.00444	1.02471	8.76617	8.55479	1
cg21121598	M13B;FAM13B		0.487576	0.475657	0.675112	-1.48124	0.846842	1.11042	1.11042	0.650099	1.28063	1.28063	0.19131	2.10849	2.10849	0.209716	0.488682	-2.04632		0.741009	0.835561	-1.1968	?	?		0.153505	2.28816	2.28816	0.644791	1.28587	1.28587	1.02298	4.22498	4.13006	1
cg04824618	ABHD12B;ABHD12B		0.487584	0.343666	0.795193	-1.25699	0.26202	1.19467	1.1948	0.122018	0.782552	1.27287	0.510753	0.849251	1.17751	0.100198	0.848244	-1.51983		0.089936	0.638305	-1.56665	0.040671	0.7980392	-1.2535	0.70364	0.912468	-1.09593	0.281332	0.764635	-1.30781	1.03223	0.9380066	0.808666	1
cg20389981	CCDC136;CCDC136		0.487587	0.720595	1.14276	1.14276	0.98962	1.00485	1.00485	0.0670093	2.14437	2.14437	0.533308	2.6242	2.6242	0.702329	0.866994	-1.15341		0.532737	0.790746	-1.26462	0.464719	0.758453	-1.31847	0.20044	0.605021	-1.65284	0.664185	1.17622	1.17622	1.03222	2.257	1.9436	1
cg04796471	GPR108;GPR108		0.487755	0.607156	0.880779	-1.12337	0.882937	1.00485	1.00485	0.451137	1.93589	1.93589	0.911932	1.02549	1.02549	0.836782	1.02755	-1.75053		0.382756	0.813337	-1.2295	0.568809	1.14213	1.14213	0.489956	0.850547	-1.17571	0.705287	0.916033	-1.09166	1.0322	0.8701022	0.750086	1
cg27450499	BEND4;BEND4		0.487607	0.381875	0.577982	-1.73016	0.23566	0.467808	-2.13763	0.684651	1.2835	1.2835	0.113245	0.348685	-2.86792	0.563953	0.700077	1.42841		0.0655257	0.282659	-3.53783	0.483044	0.646775	-1.54613	0.979412	0.98435	-1.0159	0.660474	0.763226	-1.31023	1.03218	6.10837	5.26038	1
cg25362169	MAST3		0.487619	0.179928	1.34088	1.34088	0.439473	0.850106	-1.17632	0.446578	0.852326	-1.17326	0.726357	1.07505	1.07505	0.920087	1.29687	1.29687		0.640439	0.907657	-1.10174	0.12608	1.40621	0.584283	1.12053	1.12053	0.764534	0.940005	-1.06382	1.03216	0.693945	0.597193	1
cg11696361	SETBP1;SETBP1;SETBP1		0.487622	0.265437	1.3933	1.3933	0.470964	0.766798	-1.30412	0.832082	1.03456	1.03456	0.144969	0.455133	2.19695	0.891554	0.902525	-1.10872		0.234753	0.755933	-1.32091	0.191919	0.6949544	-1.43969	0.530388	0.756662	-1.32141	0.406501	1.21457	1.21457	1.03215	0.856661	0.737754	1
cg22219248	SYT1;SYT1		0.487625	0.788068	0.904321	-1.1058	0.510592	1.28286	1.28286	0.261136	1.54872	1.54872	0.621189	1.21024	1.21024	0.384996	1.39438	1.39438		0.208849	1.63966	1.63966	0.198883	0.6024462	-1.65986	0.151187	1.77556	1.77556	0.922253	0.964219	-1.03711	1.03215	2.27748	1.96137	1
cg08473896	RAB3GAP1		0.487625	0.297103	0.810092	-1.53731	0.687025	1.826105	1.826105	0.2015	0.789566	1.31654	0.446383	0.719863	1.39012	0.153622	0.531655	-1.88135		0.832394	0.911887	-1.09423	0.134466	1.98411	1.98411	0.818174	1.08521	1.08521	0.0882015	2.94415	2.94415	1.03215	2.94415	2.53551	1
cg27107246	SLC25A24;SLC25A24		0.487632	0.916269	0.863377	-1.15824	0.099834	1.00029	1.00029	0.558677	0.437744	-2.28444	0.937904	1.11498	1.11498	0.821881	1.36527	-1.3527		0.976772	0.960146	-1.04151	0.243711	0.549499	0.64748	0.0415668	-24.0577	0.387521	1.44608	1.44608	1.03214	31.8872	27.4702	1
cg16685257	UMTK1		0.487635	0.571681	0.662534	-1.50936	0.08292	3.987	3.987	0.882497	1.11242	1.11242	0.419025	0.551687	-1.81262	0.72182	0.772979	-1.2937		0.63369	0.707647	-1.41313	0.125923	0.3033575	-3.29625	0.887087	0.902725	-1.10776	0.538239	0.638341	-1.56656	1.03213	8.4814	7.30413	1
cg02061956	FMO5;FMO5;FMO5		0.487638	0.547364	0.643666	-1.55403	0.73567	1.37601	1.37601	0.349548	-1.27138	0.0670093	0.406593	2.03835	-2.03836	0.0730915	0.458305	-2.18218		0.488406	0.753114	-1.32801	0.476206	0.7120006	-1.40449	0.636218	0.696941	-1.43464	0.31213	0.749045	-1.33456	1.03206	2.14841	1.93245	1
cg27185151	PO9		0.487657	0.18432	0.85087	-1.17527	0.77018	0.966963	-1.03417	0.480149	0.923582	-1.08391	0.523445	0.928526	-1.07698	0.145993	1.19601	1.19601		0.21079	0.859663	-1.16325	0.32377	0.888698	-1.12398	0.356341	0.896011	-1.11494	0.962863	1.00535	1.00535	1.03209	0.234982	0.185153	1
cg12251804	C10orf125;C10orf125		0.487682	0.806766	1.02659	1.02659	0.0150026	0.886096	-1.12221	0.353674	0.844379	-1.18451	0.240889	0.844379	-1.18451	0.240889	0.714088	1.39957		0.382756	0.813337	-1.2295	0.568809	1.14213	1.14213	0.489956	0.850547	-1.17571	0.705287	0.916033	-1.09166	1.0322	0.8701022	0.750086	1
cg27290047	MAD1L1;MAD1L1;MAD1L1		0.48769	0.437279	0.61132	-1.6358	0.804815	0.857466	-1.16623	0.713493	1.25738	1.25738	0.817426	1.15444	1.15444	0.95866	1.06831	-1.03272		0.0347992	0.60888	0.60888	0.947743	0.96011	-1.04155	0.539842	1.4703	1.4703	0.416829	0.597289	-1.67423	1.03203	0.30457	5.43014	1
cg19534438	GDS2		0.487692	0.860148	1.06007	1.06007	0.291828	1.43591	1.43591	0.525544	1.23712	1.23712	0.137955	0.589556	-1.69616	0.611321	0.844063	-1.18475		0.159053	1.64522	1.64522	0.390396	0.3744722	-1.33793	0.564439	0.824724	-1.21253	0.892384	1.04579	1.04579	1.03203	1.78848	1.54043	1
cg00997054	TRIM71		0.487701	0.275964	0.966733	1.03374	0.0509229	0.915045	1.09233	0.0744	0.921945	1.08335	0.231082	0.483468	2.11231	0.511237	0.5966	-1.67597		0.29474	0.561359	-1.78158	0.354358	0.5646882	-1.82855	0.447654	0.525966	-1.90127	0.150901	0.59008	1.69466	1.03203	0.9	0.85061	1
cg16569376	C16orf63		0.487704	0.943825	1.05921	1.05921	0.174518	0.33897	1.33897	0.162104	3.48278	3.48278	?	?	?	?	?	?		0.294047	2.45989	2.45989	0.930766	0.931528	-1.07351	0.376624	0.473576	-2.11159	0.979463	0.97921	-1.02123	1.04292	8.15053	6.69866	1
cg07588013	RFA1		0.487708	0.210188	0.710159	1.41353	0.0782737	0.626105	1.59735	0.0435	0.342358	1.28471	0.267615	1.28471	1.28471	0.907615	1.030055	0.509949	0.840933	-1.18915		0.536644	1.17607	1.17607	0.522007	0.845413	-1.18285	0.859405	0.93223	-1.07313	0.85223	0.852223	1.03223	1.12434	1.1232	1.09807	0.945792	1
cg05521475	TMPRSS3;TMPRSS3		0.487714	0.172471	0.70773	-1.41297	0.472686	1.81992	1.81992	0.987282	0.996213	-1.0038	0.807004	0.943397	-1.06	0.197392	0.722962	1.3832		0.121267	0.670348	1.49176	0.38623	0.123549	1.23549	0.861707	0.95934	-1.04238	0.458168	0.835398	1.19703	1.03199	0.926348	0.797898	1
cg19559648	LMLN;LMLN;IQC6;LMLN;LMLN		0.48773	0.98894	0.997033	-1.00298	0.846273	0.95924	-1.04249	0.796912	1.05685	1.05685	0.387929	0.824042	-1.21353	0.270379	0.781888	-1.27896		0.75908	1.06817	1.06817	0.510327	0.866609	-1.15392	0.8830891	1.50889	1.50889	0.234615	0.765594	-1.30618	1.03196	0.751248	0.647097	1
cg04125375	FBN1		0.487735	0.29215	0.710159	-1.40863	0.0782737	1.41314	1.41314	0.7	0.284871	1.28471	0.907615	1.03055	1.030055	0.509949	0.840933	-1.18915		0.536644	1.17607	1.17607	0.522007	0.845413	-1.18285	0.859405	0.93223	-1.07313	0.85223	0.852223	1.03223	0.65283	1.10807	0.945792	1
cg05444434	IGF2BP1;IGF2BP1		0.487748	0.724967	0.884331	-1.1308	0.0367864	2.32595	2.32595	0.93907	1.07302	1.07302	0.479901	1.28392	1.28392	0.976133	1.01038	-1.01038		0.705401	1.1413	1.1413	0.556149	0.812892	-1.23018	0.966026	0.985287	-1.01493	0.341178	0.710829	-1.40681	1.03192	1.97915	1.70482	1
cg05133414	ZNF461		0.487755	0.190664	1.18255	1.18255	0.22525	0.587877	0.851267	0.846288	1.18163	0.847655	1.18007	0.846288	1.18163	0.847655	1.18007	1.0112		0.845629	1.18294	1.18294	0.447655	1.22363	-1.38434	0.338367	0.989282	-1.01084	0.849224	1.02765	1.02765	1.03192	0.317354	0.2737	1
cg07313835	POU2F1		0.487752	0.0933579	0.214099	-4.67073	0.83501	0.840153	-1.19026	0.786215	1.25488	1.25488	0.651422	0.683991	-1.46201	0.212884	0.334348	-2.9909		0.254438	0.370182	-2.70138	0.290832	0.400348	-2.49783	0.338913	0.439028	-2.27776	0.120995	0.245568	-4.07219	1.03192	11.3979	9.81807	1
cg02266796	MIR1286;RTN4R		0.487753	0.62712	0.77044	-1.29815	0.757153	1.17136	1.17136	0.602475	1.36628	1.36628	0.515064	0.759391	-1.37754	0.251145	0.544141	-1.83785		0.575101	1.33979	1.33979	0.195414	0.7259191	-1.37754	0.251145	0.544141	-1.83785	0.195414	0.7259191	-1.37754	1.03191	1.54102	1.42498	1.36606	1
cg24128998	EFNB2		0.487765	0.456885	2.29931	2.29931	0.454539	1.23904	2.29931	0.375745	1.06	1.06	0.197392	1.06	1.06	0.197392	2.37594	2.37594		0.0580438	1.09495	1.09495	-1.50311	0.330747	0.210276	0.127437	0.832872	0.867724	0.83262	1.03189	38.7362	17.0009	1
cg05278822	NDUF57		0.487778	0.254937	1.76399	1.76399	0.0455956	2.98801	2.98801	0.253744	1.7576	1.7576	0.403635	1.50395	1.50395	0.562709	1.3224	1.3224		0.449572	1.44474	1.44474	0.293162	1.68325	1.68325	0.211556	1.87472	1.87472	0.298895	1.67219	1.67219	1.03187	3.72636	3.21002	1
cg09678615	TOX3;TOX3		0.487783	0.99632	0.979224	1.02135	0.783701	1.703949	-1.27138	0.0670093	0.406593	2.03835	-2.03836	0.0730915	0.458305	-2.18218	0.0575191	-1.53205		0.483406	0.757114	-1.32081	0.476206	0.7120006	-1.40449	0.636218	0.696941	-1.43464	0.31213	0.749045	-1.33456	1.03186	2.14841	1.93245	1
cg10853830	PITPNM1;PITPNM1		0.487785	0.581589	1.33898	1.33898	0.164201	1.17817	1.17817	0.45216	1.4944	1.4944	0.645677	0.784421	-1.27483	0.787032	1.15261	1.15261		0.82638	1.12212	1.12212	0.0377798	3.53792	3.53792	0.501604	1.43004	1.43004	0.90001	0.936198	1.06815	1.03186	4.69537	3.87252	1
cg14076507	GPSM3;NOTCH4		0.487786	0.385819	0.857773	-1.16581	0.354381	0.848839	-1.17817	0.734486	1.0605	1.0605	0.495763	0.887496	-1.12677	0.78734	0.954413	-1.04776		0.113479	1.14739	1.14739	0.272197	0.8210007	-1.21802	0.290205	0.827453	-1.20852	0.375153	0.854638	-1.17009	1.03186	0.486627	0.419204	1
cg21665774	KIAA0355		0.487795	0.0790256	0.57579	-1.75734	0.880127	-1.1247	-1.1247	0.842855	1.56852	1.56852	0.554172	1.42425	1.556618	0.798916	2.1677	-2.49706		0.590696	0.815029	-1.22695	0.556885	1.76863	1.76863	0.742446	0.890983	-1.12307	0.818334	0.594134	1.68263	1.03183	2.13786	1.95974	1
cg10719970	FOXP4;FOXP4;FOXP4		0.487812	0.194763	2.23254	2.23234	0.325256	1.81255	1.81255	0.70692	1.18663	1.18663	0.742105	1.2133	1.2133	0.981771	1.00946	1.00946		0.570505	1.39889	1.39889	0.078665	3.133775	3.13771	0.0947571	2.9304	2.9304	0.282391	1.923526	1.92326	1.03181	5.60196	4.82602	1
cg10493330	MAPK9;MAPK9;MAPK9;MAPK9;MAPK9		0.487814	0.878869	0.931334	-1.07373	0.0422996	2.97723	2.97723	0.262792	1.7239	1.7239	0.725892	0.848583	-1.17843	0.790282	0.883088	-1.13239		0.402423	1.49139	1.49139	0.280059	1.68839	1.68839	0.95591	1.02612	1.02612	0.916985	0.952531	-1.04983	1.0318	3.55554	3.06306	1
cg14441812	DNAI5;DNAI5;DNAI5		0.487838	0.467173	1.43898	1.43898	0.972427	0.982677	-1.01763	0.288841	1.14629	1.14629	0.751224	1.17445	1.17445	0.247948	0.542785	-1.84235		0.512884	0.714677	-1.39923	0.107063	0.4108896	-2.4337	0.175742	0.482691	-2.07069	0.691075	0.817137	-1.22378	1.03176	4.7487	3.59848	1
cg12432635	EPC2		0.487839	0.352831	1.18684	1.18684	0.886239	0.102598	0.102598	0.731701	1.0636	1.0636	0.512373	1.12642	1.12642	0.648145	1.0858	1.0858		0.170291	1.769774	1.76774	-1.29908	0.3996971	0.856867	-1.16704	0.982051	0.995977	-1.00404	0.0929906	0.718119	1.39253	1.03176	0.524542	0.451908	1
cg12216318	FAM128A;LOC150776		0.48785	0.841257	0.900412	-1.1106	0.790008	1.14984	1.14984	0.572868	1.34721	1.34721	0.922833	1.05199	1.05199	0.885618	1.0782	1.0782		0.119087	0.412762	-2.42271	0.529306	0.7165	-1.39567	0.0520363	0.314672	-3.17791	0.946232	0.965334	-1.03591	1.03174	4.47151	3.85241	1
cg16011258	NECAP2;NECAP2;NECAP2		0.487852	?	?	?	?	0.661771	1.49039	0.49339	?	?	?	?	?	?	?	?		0.179213	1.323911	-1.10644	?	?	?	?	?	?	0.993083	0.993186	-1.00676	0.969047	0.926	0.72387	1
cg05949171	CDH13;CDH13		0.487853	0.164913	0.741676	-1.3483	0.520574	1.14039	1.14039	0.88935	0.97231	-1.02848	0.796898	1.0534	1.0534	0.7084	0.927013	-1.07873		0.214583	0.768317	-1.30155	0.102862	0.6976594	-1.43329	0.470679	0.862405	-1.15955	0.468822	1.16029	1.16029	1.03173	0.6649005	0.572849	1
cg15711521	GOLIA4		0.487854	0.942303	1.06444	1.06444	0.0452225	0.847858	0.847858	0.0672657	1.14333	1.14333	0.208017	0.874358	0.874358	0.208017	1.14333	1.14333		0.124253	0.583155	-1.71497	0.0613245	0.3232426	1.24232	0.805246	0.715296	-1.39784	0.274473	0.604523	1.65453	1.03173	0.6654125	0.51375	1
cg16387516	CDH13		0.487861	0.165349	0.663782	-1.50652	0.0945309	2.601121	-1.66356	0.473536	0.817191	-1.2237	0.662131	0.885414	-1.12942	0.186034	1.47446	1.47446		0.968869	0.98925	-1.01087	0.677387	0.8905941	-1.12285	0.539712	0.842027	-1.18761	0.636961	0.876642	-1.14072	1.03172	1.25322	1.07973	1
cg10761843	CYBRD1;CYBRD1		0.487864	0.382161	0.767132	-1.42606	0.619887	1.21897	1.21897	0.786114	0.897888	-1.11372	0.754061	0.88298	-1.13293	0.664359	0.441349	-2.26578		0.509373	0.767168	-1.30349	0.589409	0.24081	1.24081	0.884244	1.05939	1.05939	0.121227	0.51409	1.94518	1.03171	2.5623	2.2076	1
cg10778253	SCCPDH		0.487865	0.238923	1.18683	1.18683	0.0516007	0.548283	1.18683	0.0516007	0.245615	1.46356	0.059572	0.245615	1.46356	0.059572	0.245615	-1.46356		0.0837623	1.49753	1.49753	0.506941	0.3422112	1.49753	0.506941	0.3422112	-1.19385	0.817605	1.22604	1.22604	1.07171	12.7154	10.9351	1
cg20700145	DUSP16		0.487868	0.491471	0.783123	-1.27694	0.597784	1.20474	1.20474	0.512616	0.792680	-1.26153	0.760142	0.89841	-1.11308	0.646781	1.17518	1.17518		0.436317	0.757424	-1.32026	0.106233	1.8537	1.8537	0.886504	1.05123	1.05123	0.121591	1.79887	1.79887	1.03171	1.99996	1.72311	1
cg08739380	CACNB4;CACNB4;CACNB4;CACNB4		0.487878	0.958851	1.03909	1.03909	0.750984	0.977849	1.1915	0.0972	1.05026	1.05026	0.176571	1.80265	1.80265	0.949424	2.0283	2.0283		0.474221	0.75443	1.3466	0.0956852	0.4603137	1.34662	0.0956852	0.4603137	-1.60733	0.0172724	0.123437	0.3969	1.03171	0.124257	0.115984	1
cg03760158	ZNF721;PIGG;PIGG		0.487882	0.346348	0.855597	-1.16877	0.784816	1.045	1.045	0.14998	0.780207	-1.28171	0.622308	1.08312	1.08312	0.614353	0.921542	-1.08514		0.917037	0.983383	-1.0169	0.182303	1.25563	1.25563	0.528155	0.850171	-1.17623	0.246215	1.822815	1.21534	1.03168	0.242581	0.364094	1
cg04832268	MYO15A		0.487889	0.468178	1.21474	1.21474	0.0928483	1.62795	1.62795	0.690341	0.899841	-1.11131

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg04117883	PINX1	0.488321	0.978455	0.99618	1.0039	0.579147	1.08404	1.08404	0.488689	0.865653	1.10662	0.992218	1.00141	1.00141	0.476089	1.10976	1.10976	0.507453	0.907689	-1.1017	0.0994266	1.10976	-1.29708	0.76464	0.957676	-1.04419	0.126899	1.26845	1.03888	0.338698	0.292048	1
cg23965022	AP2M1;AP2M1	0.488321	0.489843	0.721166	-1.38664	0.396353	1.49892	1.49892	0.22678	1.80646	1.80646	0.452687	0.700122	-1.42832	0.225395	0.552496	-1.80997	0.857346	0.910572	-1.08746	?	?	?	0.236438	1.78263	1.78263	0.564653	1.3117	1.3117	1.02159	3.12308	3.05708	1
cg21705063	SEC63;SEC63	0.488321	?	?	?	0.807766	0.854589	-1.17015	0.904116	0.925294	-1.08074	0.715205	1.26671	1.26671	0.387711	0.56248	-1.77784	0.127553	0.335456	-2.98102	?	?	?	0.290084	2.04803	2.04803	?	?	?	1.02523	4.27796	4.17268	1
cg22831514	ABCF1;ABCF1	0.488326	0.225757	-4.42954	0.904807	0.922317	-1.0842	0.311608	0.492938	-2.02865	0.954496	0.994374	-1.03931	0.600059	0.609422	1.42975	-1.03931	0.600059	0.609422	1.42975	-2.91688	0.989053	1.0088	1.0088	-2.91598	0.208854	0.40135	-2.49159	0.103086	7.45512	6.42487	1
cg06442503	LOC100128675;LOC100128675	0.488331	0.346502	1.72792	1.72792	0.59242	0.737226	-1.35644	0.166176	0.434754	-2.30015	0.455418	1.53557	1.53557	0.252981	0.509876	-1.96126	0.378517	1.66483	1.66483	0.907916	1.06746	1.06746	0.469931	1.51396	1.51396	0.298756	1.83605	1.03086	5.19639	4.48075	1
cg16188910	PTCH02	0.488344	0.612056	1.21029	1.21029	0.630908	1.198	1.198	0.521299	1.27456	1.27456	0.373771	1.751254	1.45007	0.339397	1.44408	1.44408	0.862562	0.937383	-1.0668	0.0680695	1.29376	1.29376	0.455021	1.3284	1.3284	0.39732	0.723656	-1.38187	0.31083	2.27375	1.96066	1
cg02835964	NR5A1	0.488351	0.149971	1.76134	1.76134	0.335511	1.43945	1.43945	0.532332	0.792957	-1.2611	0.791545	1.10203	1.10203	0.849902	0.932872	-1.07196	0.974007	0.988121	-1.01202	0.131975	0.550831	-1.81544	0.572553	0.81128	-1.23262	0.325103	1.45164	1.45164	1.03082	2.19627	1.89387	1
cg24503796	SCD	0.488355	0.328906	0.779187	-1.28199	0.251566	0.741178	-1.34557	0.385267	0.802491	-1.24611	0.860159	1.26232	1.26232	0.464732	0.831733	-1.20231	0.53778	0.856853	-1.16706	0.195312	0.712362	-1.40377	0.4457	0.824002	-1.21226	0.254417	1.34179	1.34179	1.03082	1.00102	0.863195	1
cg22403382	LOC644538	0.488355	0.0957315	0.206307	-4.84771	0.35087	0.545	-1.83486	0.841946	1.14433	0.640283	1.37413	1.76613	0.566712	0.817912	1.22262	0.0800777	0.269458	-3.71116	0.249593	0.443715	-2.2537	0.780473	0.828057	-1.20765	0.790616	0.839878	-1.19065	1.03081	1.44807	0.41985	1
cg06108782	SLC18A3;CHAT;CHAT	0.488355	0.831262	0.843431	-1.18563	0.164533	3.26544	3.26544	0.644879	0.690502	-1.44822	0.40563	1.97178	1.97178	0.638444	0.685462	-1.45887	0.151989	3.40299	3.40299	0.206399	0.345249	-2.89646	0.936827	0.938704	-1.0653	0.475147	1.78516	1.78516	1.03081	10.3958	8.96451	1
cg25892640	PIP5K2;PIP5K2	0.488365	0.151565	0.109346	-9.15436	0.260995	1.19193	1.19193	0.729753	0.862403	1.16205	1.15972	1.53945	1.53945	0.803973	1.30249	1.30249	0.141319	0.186199	-5.37059	0.327464	0.907774	-1.1016	0.907774	0.726322	1.06471	1.45271	0.75583	1.93932	1.03079	18.4356	15.8977	1
cg22937172	HDAC4	0.488369	0.836731	0.946827	-1.05616	0.116398	0.636508	-1.57107	0.359517	0.779225	-1.28333	0.368776	0.783154	-1.27689	0.960242	1.01134	1.01134	0.352842	1.28807	1.28807	0.497769	1.19993	1.19993	0.712263	0.906568	-1.10306	0.138959	0.655918	-1.52458	1.03079	1.1446	0.987037	1
cg22038127	C12orf66	0.488389	0.792918	1.08641	1.08641	0.488665	1.14917	1.14917	0.59222	1.12022	1.12022	0.904415	1.03857	1.03857	0.403638	1.30891	1.30891	0.653149	1.15314	1.15314	0.0358631	0.463344	-2.15778	0.98227	0.993025	-1.00702	0.605204	1.17825	1.17825	1.03075	1.61981	1.39987	1
cg21026855	FABP7	0.488391	0.430201	0.577532	-1.73151	0.441461	0.585579	-1.70771	0.583068	1.4593	1.4593	0.747711	1.24613	1.24613	0.270515	0.457394	-2.1863	0.0755903	0.259614	-3.85187	0.36305	0.529133	-1.88988	0.188532	0.386781	-2.58544	0.797976	1.10111	1.10111	1.03075	7.58862	6.54421	1
cg21534242	MOCS3;DPH1	0.488439	0.979092	0.994674	-1.00535	0.11597	0.705975	-1.41648	0.438483	1.14754	0.871227	1.04276	1.45522	1.45522	0.150016	-1.09829	0.888283	1.02906	1.02906	0.616349	1.10843	1.10843	0.127053	0.714405	0.356059	0.822891	-1.21523	0.463863	1.16409	1.16409	1.03075	0.6779908	0.584687	1
cg14029759	FAR52	0.488393	0.978504	1.01298	1.01298	0.673556	0.515133	-1.94125	0.445565	1.4522	1.4522	0.323786	1.63073	1.63073	0.245322	0.558339	-1.79167	0.670141	1.81456	1.81456	-1.22828	0.370482	0.643189	-1.55475	0.568581	0.759412	-1.31854	0.232583	1.82341	1.82341	1.03074	1.39027	1.24191	1
cg23666180	HIST1H2AG;HIST1H2BJ;HIST1H2BJ	0.488395	0.704195	0.878598	-1.13818	0.829475	1.07593	1.07593	0.431541	0.761557	-1.3131	0.115893	1.78576	1.78576	0.589017	1.20331	1.20331	0.106489	1.81861	1.81861	0.361602	0.727455	-1.37466	0.67361	1.15459	1.15459	0.907725	1.04013	1.04013	1.03074	1.87948	1.62083	1
cg24838699	C15orf30	0.488397	0.772222	1.13761	1.13761	0.291558	1.1969	1.1969	0.872052	1.07076	1.07076	0.0502215	1.57256	1.57256	0.320634	0.647089	-1.54538	0.641137	1.12032	1.12032	0.894252	1.05805	1.05805	0.947229	0.873959	-1.1454	0.501252	0.748611	-1.33581	1.03074	2.93711	2.53291	1
cg22098063	CRTAC1	0.488404	0.565476	0.932269	-1.07265	0.950898	1.00746	1.00746	0.120515	1.22542	1.22542	0.825318	0.972354	-1.02688	0.108251	0.809353	-1.23555	0.775555	0.966081	-1.03511	0.369099	0.894752	-1.11763	0.645845	0.945674	-1.05745	0.459176	1.09525	1.09525	1.03073	0.237889	0.205152	1
cg20850275	HLA-DMA	0.488403	0.406355	0.666367	-1.50067	0.93419	1.04025	1.04025	0.540576	0.743759	-1.34452	0.978687	1.01285	1.01285	0.0695612	0.379101	-2.63782	0.127389	0.454861	-2.19847	0.164462	0.492238	-2.03154	0.448437	0.693119	-1.44651	0.371709	0.645148	-1.55003	1.03073	3.72766	3.21471	1
cg02856792	SLC35A3;SLC35A2;SLC35A2	0.488441	0.140123	0.286312	-3.49248	0.620945	0.741178	-1.34557	0.385267	0.802491	-1.24611	0.860159	1.26232	1.26232	0.464732	0.831733	-1.20231	0.53778	0.856853	-1.16706	0.195312	0.712362	-1.40377	0.4457	0.824002	-1.21226	0.254417	1.34179	1.34179	1.03082	1.00102	0.863195	1
cg03732293	C1orf125;C1orf125;C1orf125	0.488441	0.956962	0.990533	-1.00956	0.584272	1.10229	1.10229	0.120617	1.34543	1.34543	0.896252	1.02326	1.02326	0.797363	0.955662	-1.04639	0.142884	1.31989	1.31989	0.674102	1.0774	1.0774	0.837006	0.964343	-1.03698	0.779913	1.4087	1.4087	1.03071	0.507128	0.437349	1
cg25705390	ADI1	0.488444	0.449481	1.22665	1.22665	0.622773	1.85665	1.85665	0.0774	0.826852	1.21006	1.20896	1.13603	1.13603	0.782588	1.13603	1.13603	0.742606	1.34606	1.34606	0.785555	0.939822	-1.06432	0.785555	0.939822	-1.06432	0.785555	0.939822	-1.06432	1.03071	1.3382	1.09239	1
cg24751730	DDX4;DDX4;DDX4;DDX4	0.488416	0.684171	0.895888	-1.11621	0.313547	0.755631	-1.3234	0.0940348	0.609616	-1.64038	0.999413	1.0002	1.0002	0.471451	0.821259	1.21764	0.671958	1.89181	-1.12131	0.114991	1.58522	1.58522	0.950027	0.983292	-1.01699	0.842581	0.947952	-1.05491	1.0307	1.17965	1.01734	1
cg20743365	LHX9;LHX9	0.488434	0.653037	0.818277	-1.22208	0.519308	1.34096	1.34096	0.897027	0.95906	1.05906	0.753005	0.8694334	-1.15017	0.661639	0.822687	-1.21553	0.107356	0.458909	-2.17908	0.733416	1.13648	1.13648	0.0821512	2.34797	2.34797	0.923313	1.0436	1.0436	1.03067	3.20631	2.76525	1
cg10503133	SNN	0.488441	0.644382	1.14201	1.14201	0.0817329	1.75421	1.75421	0.168223	1.66519	1.66519	0.108221	1.66519	1.66519	0.0448466	-1.05835	0.441883	0.562252	0.640404	-1.56155	0.0447837	0.670141	1.81456	-1.22828	0.370482	0.643189	-1.55475	0.568581	0.759412	-1.31854	0.232583	1.82341	1.82341	1.03074	1.39027	1.24191	1
cg08283130	MYO1F	0.488442	0.271867	1.83026	1.83026	0.720505	1.20909	1.20909	0.412206	1.55751	1.55751	0.0566148	3.12802	3.12802	0.500201	1.4357	1.4357	0.933955	0.957144	-1.04477	0.599935	0.756019	-1.32272	0.402076	0.635585	-1.57335	0.410626	1.55995	1.55995	1.03065	4.55887	3.93181	1
cg26312340	RAB21	0.488447	0.047292	2.74623	0.72339	1.15759	1.15759	0.493774	0.675842	1.42403	1.42403	0.910359	1.04734	1.04734	?	?	?	0.981694	1.00949	1.00949	0.405822	0.738658	-1.35383	0.503154	0.872955	-1.1454	0.501252	0.748611	-1.33581	1.03074	2.93711	2.53291	1
cg05707386	PEX1;C7orf54	0.488446	0.667126	0.663942	-2.90747	?	?	?	0.108771	1.01174	1.01174	0.103535	0.706262	-1.4159	?	?	?	0.618687	0.776623	-1.29262	0.884189	1.07732	1.07732	0.64562	1.70888	1.70888	1.41225	0.357698	1.62471	1.62471	1.02292	3.2199	3.14775	1
cg03867465	MGC45800	0.488466	0.503138	0.30747	-3.25236	0.736804	1.79582	1.79582	0.843166	0.709066	-1.41031	0.810531	1.51719	1.51719	0.307744	0.24934	0.24934	0.960594	1.08954	1.08954	0.716009	0.530394	-1.88539	0.366511	0.199848	-5.0038	0.0458536	53.1212	53.1212	1.03061	49.3713	42.4097	1
cg01784676	ZFP42	0.488467	0.472527	1.19366	1.19366	0.441284	1.24565	1.24565	0.481405	1.40142	1.40142	0.848835	1.02812	1.02812	0.955002	1.03556	1.03556	0.801581	1.03735	1.03735	0.944556	1.01257	1.01257	1.01257	0.377753	1.14056	1.14056	0.7674944	1.0563	1.0563	1.0306	0.344655	0.297264	1
cg07985359	EVIS1	0.488472	0.971198	1.00799	1.00799	0.57947	1.13137	1.13137	0.645211	1.18702	1.18702	0.730187	1.07931	1.07931	0.907303	0.955662	-1.04639	0.163908	1.2254	1.2254	0.240351	0.762563	-1.31137	0.449199	0.843622	-1.18536	0.319768	1.2544	1.2544	1.03061	0.7936609	0.684538	1
cg03531026	NME1;NME1;NME1-NME2	0.488474	0.0957315	0.206307	-4.84771	0.35087	0.545	-1.83486	0.841946	1.14433	0.640283	1.37413	1.76613	0.566712	0.817912	1.22262	0.0800777	0.269458	-3.71116	0.249593	0.443715	-2.2537	0.780473	0.828057	-1.20765	0.790616	0.839878	-1.19065	1.03081	1.44807	0.41985	1
cg00010789	NCL;SNORA75;SNORD20	0.488476	0.421147	1.21276	1.21276	0.210271	1.36328	1.36328	0.225484	1.34823	1.34823	0.55244	0.868422	-1.15151	0.461706	1.1923	1.1923	0.43759	1.20426	1.20426	0.0521589	1.67946	1.67946	0.628489	1.12125	1.12125	0.87406	1.03794	1.03794	1.03059	1.8993314	0.775662	1
cg24146685	MOGAT3	0.488477	0.489335	1.70656	1.70654	0.0703296	4.66204	4.66204	0.422265	1.86614	1.86614	0.685266	1.36252	1.36252	0.413403	0.529229	-1.88954	0.424285	0.537412	-1.86077	0.414079	0.529738	-1.88773	0.892386	0.902121	-1.1085	0.453981	1.78686	1.78686	1.03059	9.45251	8.15285	1
cg13182391	RAI2	0.488479	0.1779	0.564251	1.7715	0.0931968	1.35238	1.35238	0.0996	0.740966	1.06296	1.0945	1.32597	1.32597	0.0999977	1.35255	1.35255	0.171484	0.222122	0.95244	1.05042	1.01777	0.982643	1.02123	1.0434	1.0259	0.980453	1.3238	0.879052	1.3364	1.03059	0.807883	0.51275	1
cg05607271	RAP1GDS1;RAP1GDS1	0.48848	0.361305	0.803851	-1.24401	0.356324	0.801921	-1.24701	0.725526	0.921259	-1.08547	0.470286	1.18637	1.18637	0.348942	0.799031	-1.25152	0.842011	0.954628	-1.04753	0.121335	0.676508	-1.47818	0.430448	0.82924	-1.20592	0.0807036	1.637186	-1.5694	1.03058	0.8836631	0.76214	1
cg25466368	HES1;HES1	0.48849	0.910655	1.03089	1.03089	0.358067	0.74048	-1.29191	0.287529	0.74137	-1.34885	0.44456	1.23517	1.23517	0.637652	0.879359	-1.13719	0.582117	0.86018	-1.16255	0.0448252	0.535756	-1.86652	0.67391	1.12153	1.12153	0.979934	1.00684	1.00684	1.03057	1.19866	1.03387	1
cg16768966	GAS7;GAS7	0.488492	0.301346	0.402042	-2.4873	0.04055	0.113649	-7.48226	0.138159	0.257074	-3.88993	0.542103	0.59149	-1.69065	0.39101	0.473377	-2.11248	0.270789	0.37696	-2.6528	0.561976	0.607186	-1.64694	0.557792	0.603875	-1.65597	0.628672	0.660571	-1.51384	1.03056	11.8177	10.1931	1
cg23204296	SEMA5A	0.488493	0.185614	1.31362	1.31362	0.760252	1.15642	1.15642	0.660797	0.799392	-1.25098	0.469997	1.78392	1.78392	0.242679	0.560593	-1.78393	0.185725	0.153151	6.52705	0.0248762	?	?	?	0.159205	6.28162	6.28162	0.159205	6.28162	0.575553	-1.73764	1.0127	10.4571	10.2569	1
cg04397429	PTPN13;PTPN13;PTPN13	0.488497	0.298804	0.793689	-1.25994	0.549156	1.13889	1.13889	0.234582	1.30648	1.30648	0.822171	0.952848	-1.04949	0.786239	1.06006	1.06006	0.510442	0.866547	-1.15401	0.105033	0.638322	-1.46237	0.373292	0.821927	-1.21665	0.358959	0.816778	-1.22432	1.03055	0.7514	0.64811	1
cg04998202	NFIA	0.488498	0.189299	0.409373	-2.44276	0.433052	0.598181	-1.67173	0.316862	1.94374	1.94374	0.280149	0.486224	-2.05666	0.515323	0.654612	-1.52762	0.511343	1.53396	1.53396	0.456117	0.61415	-1.62827	0.33745	1.88735	1.88735	0.449467	1.64053	1.64053	1.03055	6.73344	5.80784	1
cg26540905	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.488506	0.516755	0.467257	-2.14015	0.540139	1.52	12.572	0.939948	0.916488	-1.09112	0.196558	1.85708	4.85708	0.343442	0.323151	-3.09453	0.788719	1.36462	1.36462	0.924279	1.11632	1.76303	0.763034	1.41905	1.41905	0.912692	1.13536	1.13536	1.03054	21.8655	18.8601	1
cg02052895	NTF3	0.488511	0.588379	1.95334	1.95334	0.332581	3.46378	1.46378	0.68737	0.609984	-1.63939	0.975945	1.0374	1.0374	?	?	?	0.178937	6.11189	6.11189	0.236101	4.75626	4.75626	0.0889671	11.4849	11.4849	0.849553	1.26038	1.26038	1.03042	20.6981	11.9734	1
cg24855301	FHL2;FHL2	0.488511	0.192131	1.49366	1.49366	0.488869	0.439432	-2.52566	0.242417	0.562554	-1.44931	0.753281	0.860762	-1.16179	0.219155	0.567524	-1.76204	0.380226	0.673973	-1.48374	0.246122	0.587681	-1.7016	0.673973	1.48374	0.246122	0.587681	-1.7016	1.03053	3.13624	2.70517	1
cg21880616	ARX	0.488528	0.0805309	0.360343	-2.77514	0.163096	0.456608	-2.19006	0.652614	0.887729	-1.26947	0.549923	1.37512	1.37512	0.612499	0.764171	-1.30861	0.163121	0.454892	-2.19833	0.439122	0.659995	-1.51516	0.940444	0.961418	-1.04013	0.778221	1.16031	1.16031	1.0305	0.793669	0.684538	1
cg15239074	UNC119B	0.488534	0.443792	0.874777	-1.14349	0.787533	0.965759	-1.04629	0.073739	0.756134	-1.39639	0.900181	1.02134	1.02134	0.257338	1.21895	1.21895	0.260967	0.821703	-1.21698	0.460975	0.880932	-1.13131	0.833614	0.846166	-1.1818	0.92418	1.01607	1.01607	1.03047	0.4758651	0.394955	1
cg18443376	WDR17;WDR17	0.488547	0.89529	0.972821	-1.02794	0.183649	1.13923	1.13923	0.0999977	1.10292	1.10292	0.130718	0.710693	-1.40708	0.567763	1.14401	1.14401	0.61755	0.900014	-1.11109	0.147675	0.722457	-1.38417	0.74913	1.13885	1.13885	0.383432	1.20566	1.20566	1.03046	0.7146711	0.614685	1
cg15371526	SSSM1;SSSM1;SSSM1;SSSM1	0.488551	0.928179	0.986667	-1.01351	0.627416	0.929764	-1.07554	0.763615	0.956087	-1.04593	0.875542	1.02361	1.02361	0.553753	0.844732	-1.18381	0.643557	1.07184	1.07184	0.0627055	0.732105	-1.36592	1.08048	0.770233	-1.29831	0.94934	1.00951	1.00951	1.03045	0.361785	0.312083	1
cg25566714	MUM1;MUM1	0.488551	0.571126	1.18627	1.18627	0.507214	1.12995	1.12995	0.0999977	1.15255	1.15255	0.0996206	1.0845	1.0845	0.344727	0.922195	-1.08402	0.952941	1.08254	1.08254	0.0177722	0.814497	-1.22812	0.908332	0.894884	-1.11777	0.0805445	0.92717	1.07857	1.03045	0.1642	0.13278	1
cg19190652	TIAP1;TIAP1;TIAP1;TIAP1;TIAP1;TIAP1;TIAP1;TIAP1;TIAP1;TIAP1	0.488558	0.482248	0.788555	-1.26814	0.322165	0.71165	-1.40519	0.253891	0.672806	-1.48631	0.775916	1.09957	1.09957	0.962181	0.984352	-1.0159	0.898282	0.958354	-1.04346	0.362443	0.732461	-1.36526	0.269511	0.682179	-1.46589	0.106125	1.79856	1.79856	1.03044	1.80549	1.55747	1
cg25967516	ARMCX1	0.488561	0.316157	0.249785	-4.00344	0.0445953	0.0456522	-21.9047	0.529196	0.426028	-2.34727	0.706577	1.65899	0.916672	0.869287	1.15037	1.15037	0.43915	0.347796	2.87525	0.798752	0.710368	-1.40772	0.165586	0.138228	-7.23443	0.845711	1.29793	1.29793	1.03043	29.2382	25.2219	1
cg01328806	HS1BP3	0.488563	0.324806	1.18232	1.18232	0.182491	1.26242	1.26242	0.456629	1.133	1.133	0.271558	1.20746	1.20746	0.501547	1.11891	1.11891	0.4528	1.13425	1.13425	0.33138	0.848577	-1.17844	0.248552	0.819821	-1.21978	0.527151	1.1113	1.1113	1.03043	0.442746	0.381929	1
cg03031933	ADCK5	0.488564	0.546204	1.00163	1.00163	0.96726	0.868823	-1.15098	0.583437	1.08505	1.08505	0.207322	0.83568	-1.19653	0.207322	0.83568	-1.19653	0.346601	0.853268	-1.17234	0.146227	0.777516	-1.29581	0.968472	0.993455	-1.00659	0.83241	1.18072	1.18072	1.03039	0.450457	0.388595	1
cg04908280	RBM16	0.488586	0.703928	0.813254	-1.22963	0.15903	0.439219	-2.27677	0.0885553	2.80715	2.80715	0.910369	0.940891	-1.06282	0.471389	1.48794	1.48794	0.371117	1.64684	1.64684	0.274675	0.836093	-1.19571	0.407281	0.815269	-1.22659	0.737573	1.19966	1.19966	1.03042	4.73871	3.5296	1
cg20685990	FAM198B;FAM198B;FAM198B	0.488601	0.218156	1.46154	1.46154	0.684253	0.621124	-1.62324	0.247371	0.534277	-1.87124	0.524	2.24173	2.24173	0.446515	2.25279	0.664663	0.344377	1.34877	1.34877	0.550981	0.606594	1.65019	1.65019	0.992517	1.01894	1.01894	1.16629	1.16629	1.03041	1.16651	1.03041	1
cg07501025	KIF26B FAM172A;FAM172A;FAM172A;FAM172A	0.488604	0.753299	1.96358	1.96358	0.84294	1.5289	1.5289	0.82246	0.618185	-1.61764	0.320675	8.98849	8.98849	0.597081	3.13199	3.13199	0.111126	0.2044107	-40.9657	0.22804	0.066682	-14.9966	0.244665	13.5264	13.5264	0.627594	2.84687	2.84687	1.03036	74.7414	64.4794	1
cg18370979	A	0.488607	0.780293	0.944108	-1.0592	0.136993	0.719305	-1.39023	0.169109	0.73984	-1.35164	0.439622	1.176	1.176	0.300122	0.801836	-1.24714	0.373715	1.2066	1.2066	0.925475	1.01943	1.01943	0.292122	0.798665	-1.25209	0.6529	0.91109	-1.09759	1.03035	0.6903338	0.595558	1
cg24158878	CDL11A2;CDL11A2;CDL11A2	0.488608	0.661922	0.698112	-1.43244	0.266698	2.5733	2.5733	?	?	?	0.868624	0.87353	-1.14478	0.63601	0.67746	-1.4761	0.581321	0.634495	-1.57606	0.319697	2.31611	2.31611	0.0910938	2.018691	-4.57266	0.575246	1.58789	1.02105	9.58957	9.39184	1
cg26026095	SAHS	0.488614	0.358943	0.722938	1.38378	0.935391	1.04007	1.04007	0.20925	3.1654	3.1654	0.491603	1.33708	1.33708	0.857208	1.14592	-1.20999	0.359466	0.440117	-2.27203	0.114422	0.404934	-2.46917	0.88365	0.924728	-1.08122	0.224187	-4.46056	0.889853	-1.01414	0.98634	12.3692	10.6711	1
cg15346359	NDUFS3	0.488618	0.502261	1.25494	1.25494	0.515265	0.757944	-1.31936	0.161353	1.87443	1.87443	0.345523	1.50395	1.50395	0.107947	2.14832	2.14832	0.187862	1.7972	1.7972	0.265402	1.62829	1.62829	0.298225	1.2263	1.2263	0.424198	1.40895	1.40895	1.03033	2.87934	2.48407	1
cg08641561	VANGL2	0.488621	0.216112	0.633843	-1.57768	0.138578	0.572076	-1.74802	0.454356	0.765719	-1.30596	0.62287	0.840613	-1.18961	0.0450656	0.446878	-2.23775	0.432806	0.755495	-1.32364	0.296818	0.684632	-1.46064	0.561732	0.814235	-1.22815	0.516651	0.794283	-1.259	1.03033	2.002003	1.7272	1
cg22604213	CIAO1	0.488623	0.294202	0.66832	-1.49636	0.0875575	0.467956	-2.13704	0.0815915	0.5094	0.5094	0.160784	0.5094	0.5094	0.460784	1.97742	1.97742	0.576515	0.594746	-1.68139	0.405077	0.895953	-1.11613	0.291781	0.365168	-2.73846	0.823449	1.2285	1.2285	1.03034	1.2285	1.04405	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
2:53518186	FOXN3;FOXN3		0.48903		0.558145	0.628163	-1.59194	0.243216	2.60837	2.60837	0.21377	2.79484	0.874992	1.13167	1.13167	0.0928813	0.234206	-4.26075			0.454219	0.549626	-1.81942	0.714196	1.83479	1.83479	0.953282	0.953815	-1.04831	0.715665	0.750353	-1.33271	1.02958	10.051	8.67755	1
6:23680936	ADO;ADO		0.48038		0.242759	0.807143	-1.23894	0.930268	0.986734	-1.01344	0.838104	1.03651	1.03651	0.639348	0.932917	-1.07191	0.447864	0.873213	1.1452		0.113802	0.739675	-1.35195	0.245457	0.808221	-1.23729	0.57071	1.10565	1.10565	0.252763	1.2329	1.2329	1.02956	0.5009005	0.432464	1
2:46454214	RGS20		0.48904		0.63688	1.34876	1.34876	0.404554	0.584715	-1.71024	0.07182297	0.282358	-3.54161	0.707475	0.78884	-1.26768	0.547515	0.681824	-1.46665			0.374334	1.10472	1.10472	0.141283	0.380574	-2.70582	0.179532	0.407782	-2.45229	0.884899	0.912888	-1.09542	1.02956	6.45568	5.57363	1
6:29843855	INPP5A		0.48049		0.238654	0.573041	-1.74508	0.257481	1.70429	1.70429	0.456601	1.40784	1.40784	0.242427	1.57384	-1.73661	0.323509	0.631255	-1.58404			0.3219	0.95572	-1.04654	0.253412	1.71281	1.71281	0.634336	0.805593	-1.24132	0.61696	0.796518	-1.25546	1.02956	3.31893	2.8655	1
6:143011655	ZNF28		0.48905		0.821199	1.05557	1.05557	0.0947846	1.55062	1.55062	0.392515	1.23278	1.23278	0.994404	0.998326	-1.00168	0.522632	1.16742	1.16742			0.63176	1.12227	1.12227	0.113664	0.662845	-1.50865	0.641254	1.11863	1.11863	0.489041	1.18283	1.18283	1.02956	0.9306556	0.803517	1
6:30007851	NCBP2;NCBP2		0.48906		0.860203	0.968243	-1.03238	0.63518	1.09132	1.09132	0.803122	0.959354	-1.04673	0.205485	0.783317	-1.27642	0.342451	0.71982	-1.38925			0.785102	1.05124	1.05124	0.057795	1.48024	1.48024	0.564496	1.12128	1.12128	0.553878	1.1157	1.1157	1.02953	0.5450888	0.470625	1
6:30494572	BANP;BANP		0.48907		0.113362	0.601275	-1.66313	0.227122	0.687711	-1.4541	0.0873615	0.572782	-1.74587	0.517118	0.823724	-1.214	0.232389	0.690894	-1.4474			0.633396	0.867732	-1.15243	0.785326	1.08395	1.08395	0.326008	0.741249	-1.34907	0.926031	0.972955	-1.0278	1.02953	1.42144	1.22726	1
9:34315511	LSM2		0.48908		0.605821	1.07259	1.07259	0.229878	0.940199	-1.06342	0.8649	1.02253	1.02253	0.555404	1.08385	1.08385	0.248849	1.17671	1.17671			0.296442	0.864324	-1.15706	0.0577518	1.36604	1.36604	0.464616	1.10523	1.10523	0.982449	0.997035	-1.00297	1.02953	0.2971568	0.2565574	1
6:136130138	LRIG1;LRIG3		0.48905		0.108643	0.267404	-3.75966	0.512734	0.606294	-1.64936	0.9757723	0.03515	0.03515	0.741326	0.779045	-1.28362	0.179048	0.341037	-2.93223			0.418137	0.535998	-1.86568	0.0922572	0.247393	-4.04215	0.177233	0.319266	-3.06754	0.537733	0.624803	-1.6005	1.02951	9.26357	7.39823	1
2:52935133	OLIG2		0.48905		0.951606	0.990938	-1.00914	0.987827	0.997714	-1.00229	0.611198	1.07993	1.07993	0.120655	0.776884	-1.28719	0.284294	1.18155	1.18155			0.278151	1.1842	1.1842	0.921877	1.01482	1.01482	0.59387	0.922446	-1.08407	0.168482	1.2462	1.2462	1.0295	0.3668	0.316703	1
19:30902359	BAIAP2;BAIAP2;BAIAP2;BAIAP2		0.48909		0.9726	1.0174	1.0174	0.0776	0.906575	1.00675	0.0675	0.975138	1.13463	1.13463	0.512165	1.13463	1.39641	2.60449	2.60449			0.66228	1.247	1.247	0.0609357	2.90175	2.90175	0.424604	1.5034	1.5034	0.566922	1.33737	1.33737	1.02945	4.113221	3.55159	1
6:113195211	PIK3C2A		0.48912		0.450586	0.714191	-1.40019	0.45811	0.718325	-1.39213	0.295041	0.621567	-1.60884	0.654478	1.21805	1.21805	0.0480676	0.371801	-2.68961			0.849304	0.920083	-1.08686	0.531932	1.31947	1.31947	0.900892	0.946907	-1.05607	0.283383	0.613829	-1.62912	1.02941	3.12597	2.69925	1
6:80616126	ITGA8		0.48913		0.386727	0.842452	-1.18703	0.656883	1.18209	1.18209	0.342887	1.08173	1.08173	0.983007	0.985652	-1.01417	0.401227	0.847924	-1.1797			0.57906	1.11436	1.11436	0.996819	0.99923	-1.00077	0.0191068	0.58621	1.58621	0.746516	0.999257	-1.00467	1.02939	0.5086667	0.42559	1
6:175228266	JAKMIP2		0.48918		0.530279	0.534105	-1.87229	0.0498343	0.0876	0.0876	0.450677	0.26136	0.26136	0.900289	0.883681	-1.13163	0.929092	0.915942	-1.09177			0.876277	1.16614	1.16614	0.786716	1.30676	1.30676	0.931551	1.08844	1.08844	0.788379	0.766899	-1.30395	1.02938	15.8657	13.7003	1
6:109119863	PRDM16;PRDM16		0.48914		0.48147	0.70835	-1.08659	0.189808	0.375738	-1.3592	0.467518	0.848697	-1.17828	0.322552	1.25334	1.25334	0.568026	0.880266	-1.13602			0.135035	1.42766	1.42766	0.263491	1.29167	1.29167	0.786515	1.06183	1.06183	0.925851	1.02078	1.02078	1.02936	0.7961664	0.687514	1
6:125189398	RBBP8;RBBP8;RBBP8		0.48915		0.493772	1.11962	1.13962	0.127546	1.36327	1.36327	0.471578	1.14766	1.14766	0.110027	1.38763	1.38763	0.120729	1.37233	1.37233			0.639715	1.09272	1.09272	0.995334	0.998896	-1.00111	0.978883	0.899911	-1.1112	0.481528	1.14402	1.14402	1.02932	0.5766111	0.497043	1
6:218785060	PTPLB		0.48917		0.469902	1.17518	1.17518	0.312618	0.795058	-1.25777	0.294016	0.787422	-1.26997	0.411422	1.20252	1.20252	0.245633	0.765943	-1.30558			0.958899	1.01222	1.01222	?	?	?	0.192076	1.35418	1.35418	0.9918	0.997746	-1.00226	1.01999	0.6923308	0.678739	1
6:129391383	FOXJ3;FOXJ3		0.48182		0.931574	0.970013	-1.03091	0.207893	0.24395	-1.62639	0.333148	0.703529	-1.42464	0.920623	1.03957	1.03957	0.328566	0.699418	-1.42976			0.706889	1.14331	1.14331	0.125465	1.8002	1.8002	0.318222	1.44159	1.44159	0.785421	1.10159	1.10159	1.0293	2.04894	1.76944	1
6:10023392	CCNA1;CCNA1		0.48186		0.6555007	0.749884	-1.33361	0.976462	1.02034	1.02034	0.852943	0.638997	-1.56495	0.462793	0.572605	-1.74641	0.206025	0.364477	-2.74365			0.383084	0.513122	-1.94886	?	?	?	0.0399932	0.170199	-5.87549	0.800354	-1.10735	1.01997	7.99086	7.83438	1
19:9550733	LDLRAP1		0.48912		0.129796	1.40436	1.40436	0.421952	0.843484	-1.18556	0.863454	0.964913	-1.03636	0.608053	1.11331	1.11331	0.0890283	1.47575	1.47575			0.792536	1.05622	1.05622	0.516976	0.872554	-1.14606	0.849237	0.961281	-1.04028	0.401249	1.19515	1.19515	1.02925	0.7018858	0.606147	1
6:18753928	CCDC52		0.48915		0.259846	0.485067	-2.05958	0.478488	0.515191	-1.9422	0.727227	0.830493	0.889926	-1.14952	0.881557	0.907553	-1.10264	0.919731	-1.08705			0.206221	0.422027	-2.36991	0.151739	0.368176	-2.71609	0.147774	0.364084	-2.74662	0.286089	0.486372	-2.05604	1.02924	6.900227	5.95912	1
6:261131951	VGLL4;VGLL4;VGLL4		0.48917		0.304979	0.29667	2.96667	0.289026	0.08539	3.08539	0.182943	0.42491	0.665523	1.56087	1.56087	0.291181	0.266388	-3.75393			0.608876	0.589603	-1.69606	0.285167	0.320963	-3.11562	0.91622	1.11374	1.11374	0.689323	0.662737	-1.50889	1.02924	17.08025	14.7531	1
6:34598307	TMEM30B		0.48229		0.747423	1.09588	1.09588	0.31566	0.84485	-1.18356	0.973575	1.00189	1.00189	0.983745	1.00571	1.00571	0.980489	0.883746	1.13122	1.13122	1.02951	0.8683023	1.0482	1.0482	1.0295	0.7570647	-1.31988	0.72021	1.3132	1.02926	1
6:25160161	DHX37		0.48237		0.0583528	0.609653	-1.64028	0.688308	1.09778	1.09778	0.219976	0.742028	-1.34766	0.974341	0.992587	-1.00747	0.609673	0.887701	1.1265			0.923544	0.978038	-1.02246	0.533533	1.15706	1.15706	0.460365	0.840397	-1.18991	0.226283	0.745332	-1.34168	1.0292	1.87237	0.753441	1
6:163657229	FAM136A;FAM36A		0.48237		0.996531	1.00114	1.00114	0.95669	1.01436	1.01436	0.690836	1.11063	1.11063	0.940901	1.01988	1.01988	0.962933	1.06726	1.06726	1.03046	1.30436	1.30436	0.914005	0.822356	0.942233	-1.0612	0.0435901	0.548906	-1.83855	0.249387	0.72907	-1.37161	0.937977	1.02064	1.02064	1.0292	1.12299	0.969892	1
6:24235793	KIAA1244		0.48241		?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.644279	1.38652	1.38652	0.60277	1.18572	1.18572	1.02951	5.185722	4.63811	1
6:99281805	FOXK1		0.48249		0.555825	1.70375	1.70375	0.176114	23.5915	23.5915	0.378172	0.137093	-7.29433	0.900969	0.760645	-1.31467	0.746214	2.04141	2.04141			0.620772	0.334195	2.990226	0.107677	47.3767	47.3767	0.388706	0.143505	-6.96839	0.522604	0.240742	-4.15382	1.02918	78.7227	67.9919	1
6:179914349	ADPRHL2;ADPRHL1		0.48254		0.850476	1.18178	1.18178	0.428423	0.915367	-1.09257	0.733894	1.14382	1.14382	0.808395	1.10724	1.10724	0.707093	1.16768	1.16768	1.03046	0.9536	0.9536	0.844641	0.502513	0.547553	1.82631	0.0170937	0.27233	-3.67217	0.0772313	0.210727	1.4641	0.729857	0.0930354	-10.7535	1.01997	12.7674	11.0272	1
6:219505941	SFRS2IP		0.48294		0.562104	1.15872	1.15872	0.409054	1.23642	1.23642	0.642232	1.12478	1.12478	0.778196	0.931486	-1.07355	0.474222	0.832833	1.20072			0.992828	1.00226	1.00226	0.857429	0.62045	-1.61713	0.204818	0.714436	-1.3997	0.402425	1.22984	1.22984	1.02915	1.02964	0.889314	1
6:80961408	NPNT		0.48271		0.774934	0.923815	-1.08247	0.64782	0.88062	-1.13556	0.444246	1.2406	1.2406	0.850977	0.94934	-1.05336	0.611551	0.867978	-1.1521			0.115297	0.622956	-1.60525	0.450334	0.808468	-1.23691	0.118412	1.59774	1.59774	0.598922	1.15801	1.15801	1.02914	1.2454	1.07568	1
6:4899279	NTM;NTM;NTM;NTM		0.48272		0.0703256	0.5106	1.95886	0.0496354	0.49493	-2.02	0.0999	0.154606	-6.46466	0.0999	0.154606	-6.46466	0.0999	0.154606	-6.46466			0.514009	1.62809	1.62809	0.0487705	0.943721	-1.06004	0.20912	0.68046	1.46846	0.845756	1.15426	1.15426	1.02914	0.937327

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg16530548	LOC401463	0.489973	0.519232	2.24778	0.24779	0.472215	2.47544	2.47544	0.2631351	4.24365	0.83474	1.75185	-1.29559	0.451927	0.386746	-2.58568	0.329919	3.15303	3.51603	0.123334	7.91825	7.91825	0.31759	8.25197	0.400326	2.90723	1.02785	25.0145	21.6326	1
cg12126990	AFF3;AFF3	0.489985	0.556339	0.57475	-1.73989	0.201353	3.51113	3.51113	0.597522	1.64202	1.95823	1.00481	1.00481	0.6002044	0.138801	-7.20457	0.934337	0.926169	-1.07972	0.871323	0.859946	-1.16286	0.469725	0.504307	-1.98292	0.422472	0.466432	-2.14393	1.02783	14.3102	12.1967	1
cg22116492	MET;MET	0.489987	0.7217	1.27131	1.27131	0.0924858	3.46498	3.46498	0.845669	1.13973	1.13973	0.253854	2.22498	2.22498	0.36395	1.87045	1.87045		0.238806	2.28881	2.28881	0.888362	0.910036	-1.09886	0.0906229	3.49486	3.49486	0.3711113	1.85222	1.85222	1.02783	7.333	6.34173	1
cg19590593	ADAMTS12	0.490004	0.226021	0.333746	-2.99627	0.0871574	0.195865	-5.10564	0.1150519	0.227821	-4.38941	0.6384981	0.59135	1.56195	0.383161	0.462131	-2.16389	0.591505	0.626504	-1.59616	0.567086	0.60692	-1.64764	0.784754	0.789531	-1.26557	0.722261	1.36077	1.1078	12.1277	10.4886	1
cg13233366	RAD1;BRIX1;RAD1	0.490005	0.403419	0.84073	-1.18944	0.932826	0.98304	-1.01725	0.672277	1.09017	0.314977	0.809916	-1.2347	0.357845	1.2115	1.2115		0.994047	1.00152	1.00152	0.0479335	0.632033	-1.5822	0.911613	1.02279	1.02279	0.507001	0.873227	-1.14636	1.0278	0.670146	0.579575	1
cg22990888	GSR	0.490014	0.718354	1.09519	1.09519	0.523782	1.1761	1.1761	0.24868	1.35354	1.35354	0.816747	1.06001	1.06001	0.624223	0.883421	-1.13196	0.339401	1.28044	1.28044	0.0322215	1.87705	1.87705	0.974325	1.00811	1.00811	0.869625	1.0421	1.0421	0.02778	1.0296	0.887317	1
cg15324978	SLC15A4;MGC16384	0.49002	0.552094	0.778602	-1.28435	0.065264	0.42277	-2.36536	0.237348	0.597511	-1.67361	0.451185	0.726617	-1.37624	0.337916	0.663006	-1.50828		0.743587	0.872364	-1.14631	0.552292	1.28419	1.28419	0.951461	1.02565	1.02565	0.166226	0.541104	-1.84807	1.02777	2.81704	2.43638	1
cg26907768	SLC7A5	0.490023	0.410603	0.897382	-1.11435	0.890819	0.960207	-1.01003	0.7830227	1.03616	1.03616	0.8681635	0.768884	-1.30059	0.31231	0.874159	-1.14396		0.460488	1.01152	1.01152	0.849427	0.97584	-1.02476	0.44545	0.904966	-1.10501	0.3233	1.14028	1.14028	1.02776	0.269522	0.233103	1
cg08309519	SNORA57;C11orf48;METTL12	0.490028	0.166581	1.33069	1.33069	0.37035	0.825521	-1.21136	0.832851	1.04179	1.04179	0.0569034	1.518	1.518	0.451793	1.16009	1.16009	0.805578	1.04893	1.04893	0.493547	1.14418	1.14418	0.979497	1.00499	1.00499	0.98003	0.995163	1.00486	1.02775	0.650785	0.528258	1
cg07735952	HLA-DPB2	0.490034	0.0645084	4.28941	4.28941	0.642287	1.38818	1.38818	0.59352	1.459	1.459	0.843068	1.1491	1.1491	0.54209	1.54144	1.54144		0.660547	1.36324	1.36324	0.848296	0.874345	-1.14371	0.589408	0.682467	-1.46527	0.080575	3.89182	3.89182	1.02774	8.00246	6.92128	1
cg20033616	SPATA16	0.490036	0.7227159	1.2609	1.2609	-1.24796	0.5142	1.18199	0.2183748	1.24736	1.24736	2.47158	2.47158	0.0769462	1.07595	1.07595	1.07595		0.665674	1.07236	1.07236	1.38435	0.839188	-1.19161	0.991598	0.991598	-1.00847	0.357	0.912024	0.912024	1.02774	0.492273	-2.03139	1.02774	0.91026	0.8794	1
cg08301102	RABBA	0.490038	0.484195	1.35862	1.35862	0.372592	1.4838	1.4838	0.286884	1.61086	1.61086	0.92678	0.961151	-1.04042	0.681216	0.836887	-1.1949		0.263118	0.651383	1.53512	0.74716	0.873814	-1.14441	0.604898	0.740898	0.473894	-2.11379	0.979204	1.00962	1.02774	1.02772	2.19739	1.960956	1
cg24234141	SPI1;SPI1	0.490048	0.339661	0.606564	-1.64962	0.8976	1.04844	1.04844	0.59894	0.823935	-1.2151	0.840533	0.92865	-1.07683	0.0854351	0.497281	-2.01094		0.549327	0.82784	-1.20796	0.254975	0.690293	-1.44866	0.942445	1.02277	1.02277	0.135024	1.65276	1.65276	1.02772	1.58291	1.36909	1
cg23191165	IQCE;IQCE	0.490063	0.601646	1.7164	1.7164	0.391937	0.406728	-2.45865	0.834269	0.808961	-1.23615	0.587728	0.570396	-1.75317	0.656359	0.631713	-1.583		0.984939	1.01955	1.01955	0.054722	0.990596	-9.34612	0.975909	0.31793	3.19793	0.52905	1.923335	1.02769	17.1227	14.8101	1
cg24035112	RFP1	0.490077	0.652206	1.884263	-1.13088	0.0919507	0.604685	-1.65375	0.8918668	1.03576	1.03576	0.317786	0.753516	-1.32307	0.788508	0.729172	-1.37097		0.786772	1.02628	1.02628	0.165942	1.49262	1.49262	0.398529	1.26407	1.26407	0.850239	1.05258	1.05258	1.02767	1.09626	1.082317	1
cg09282388	KIF26A	0.490077	0.566261	0.812336	-1.23102	0.244905	0.646589	-1.54658	0.501767	0.783179	-1.27685	0.362635	0.71504	-1.39852	0.0195443	0.425941	-2.34774		0.618533	1.19716	1.19716	0.660191	1.17187	1.17187	0.68354	0.863363	-1.15826	0.825779	0.924014	-1.08223	1.02767	2.09157	1.80913	1
cg26458567	ANKRD11	0.490082	?	?	?	?	0.595853	-1.67792	0.449732	1.17305	0.17305	0.0396558	0.582408	38.0482	0.390045	0.676226	-1.47979		0.622169	0.475496	-2.10307	0.166546	1.10751	1.10751	0.871981	0.713939	-1.40068	0.687683	1.83048	1.83048	1.02783	31.7766	26.9467	1
cg00072720	CLDN7	0.490082	0.318176	4.47158	4.47158	0.372847	3.77377	3.77377	0.45091	3.0305	3.0305	0.8524498	1.81824	1.31022	0.834507	1.54586	1.54586		0.356015	0.252038	-3.96765	0.944199	1.10696	1.10696	0.109212	12.6223	12.6223	0.105074	13.0787	13.0787	1.02766	34.2881	29.6667	1
cg05851240	CNDP1	0.490084	0.25621	0.53383	-1.87325	0.0667648	0.336709	-2.96992	0.0784468	0.355133	-2.81585	0.915109	0.945093	-1.0581	0.363177	0.609407	-1.64364		0.446252	0.662866	-1.5086	0.483615	0.685894	-1.45795	0.784632	0.864952	-1.15613	0.827492	0.890845	-1.12253	1.02765	4.56515	3.94872	1
cg25738383	CPA1	0.490085	0.527643	1.34239	1.34239	0.233948	2.18718	2.18718	0.354373	1.93279	1.93279	0.319293	1.60654	1.60654	0.208233	0.542747	-1.84248		0.789133	1.13141	1.13141	0.56247	1.3059	1.3059	0.52123	1.34914	1.34914	0.19621	1.87661	1.87661	1.02765	3.45287	2.98664	1
cg12251126	DEFA3;DEFA1B;DEFA1	0.490088	0.58456	0.471504	-2.12087	0.0586306	18.336	18.336	0.162537	0.131298	-7.61629	0.880955	0.815409	-1.22638	0.927301	0.883142	-1.13232		0.864099	1.26273	1.26273	0.759236	1.51985	1.51985	0.702404	0.590502	-1.69348	0.502702	0.399573	-2.50267	1.02763	30.1793	26.1049	1
cg05808372	LRP42	0.490104	0.399937	1.36882	1.36882	0.0458315	2.39492	2.39492	0.182984	1.64097	1.64097	0.2183	1.42885	1.42885	0.614707	1.28322	1.28322	0.909207	1.04246	1.04246	0.0322215	1.87705	1.87705	0.974325	1.00811	1.00811	0.869625	1.0421	1.0421	0.02778	1.0296	0.887317	1
cg01433190	RAB11FIP5	0.490107	0.94034	0.966215	-1.03497	0.0888856	1.00643	1.00643	0.856456	1.08669	1.08669	0.346644	1.56047	1.56047	0.109121	0.448332	2.23049		0.826605	1.904173	-1.10598	0.415395	0.682333	-1.46556	0.195553	0.533372	-1.87486	0.151872	1.494157	-2.02365	1.02761	3.4313	2.96809	1
cg08123074	PHACTR4;PHACTR4	0.490113	0.135259	0.17781	-5.62398	0.746098	0.705753	-1.45163	0.494523	0.475161	-2.10455	0.399079	0.396855	-2.51981	0.0972269	0.293858	-3.40301		0.105856	0.150362	-6.65063	0.224062	0.250435	0.955512	0.61873	1.61873	0.218541	0.249525	-4.00761	1.0276	1.02758	16.1981	14.2126	1
cg13771263	YIPF6	0.490124	0.14141	0.3441	-2.90567	0.0318731	0.676572	1.15327	0.15327	0.107657	0.907325	0.60268	-1.65975	0.891868	0.359316	0.792	-1.26263		0.152764	0.24037	-4.07954	0.443975	0.488696	-2.04626	0.552291	0.57601	-1.73608	0.967308	0.963097	1.03822	1.02758	13.6889	11.9499	1
cg10552903	BCL7A;BCL7A	0.490125	0.456966	1.43148	1.43148	0.188604	1.24392	1.24392	0.184082	1.94481	1.94481	0.255786	1.75373	1.75373	0.981555	1.01101	1.01101		0.638539	1.25112	1.25112	0.168582	2.00306	2.00306	0.56635	0.759971	-1.31584	0.415673	1.48282	1.48282	1.02758	3.4491	3.15659	1
cg26229968	DNM1Z	0.490127	0.532307	0.697552	-1.43293	0.245823	0.468859	-2.16984	0.753582	1.26288	1.26288	0.848852	0.909759	-2.44153	0.189135	0.609791	-1.64021		0.622169	0.475496	-2.10307	0.166546	1.10751	1.10751	0.871981	0.713939	-1.40068	0.687683	1.83048	1.83048	1.02783	31.7766	26.9467	1
cg19085146	KIAA1026;KIAA1026	0.490129	0.353221	2.08894	2.08894	0.66818	0.729847	-1.37015	0.330413	0.480244	-2.08228	0.242755	0.24485	2.44185	0.20249	0.374311	2.67157		0.52078	0.621663	-1.60859	0.649706	0.736177	-1.3363	0.367958	0.96475	1.03627	0.463731	2.15642	1.02757	6.6799	7.50845	1
cg21498160	RHBDD2;RHBDD2	0.490134	0.127928	0.360115	-2.77689	0.407493	1.69181	1.69181	0.634358	1.34625	1.34625	0.385526	0.575758	-1.73684	0.938345	1.04918	1.04918		0.14406	0.377603	-2.64828	0.573032	0.702296	-1.4239	0.976618	1.01835	1.01835	0.2111718	0.442016	-2.26236	1.02756	6.26713	5.42136	1
cg24120135	WIPF1	0.490135	0.418479	0.27831	-3.59222	0.233948	2.07196	-1.4793	0.454414	1.18382	1.18382	0.879401	1.37255	1.37255	0.676995	1.14702	-1.58707		0.0926383	0.52504	-1.90482	0.89061	0.93122	-1.07403	0.697487	1.14568	1.14568	0.0197709	0.964742	-1.03653	1.02756	1.97272	1.7065	1
cg07177011	TMEM52	0.490135	0.973044	1.00554	1.00554	0.848393	0.969171	-1.03181	0.467568	1.12913	1.12913	0.235856	1.12538	1.12538	0.153157	0.778578	1.28439		0.511464	0.896769	-1.11551	0.220899	1.23436	1.23436	0.56001	0.90821	-1.10107	0.350507	0.854511	-1.17026	1.02756	0.435667	0.376873	1
cg23193576	DLL1	0.490136	0.329258	0.48154	-2.07663	0.0875158	0.809983	-1.23527	0.182708	0.845579	-1.18269	0.124866	0.158466	-6.31156	0.0753708	0.348344	2.86709		0.424359	0.496749	-2.01353	0.349537	0.66682	-1.49988	0.85604	1.12327	1.12327	0.772774	0.830832	-1.20361	1.02756	2.02128	1.82907	1
cg05079767	ELFN2 RNF121;LOC101103315;RNF121;RNF12	0.490136	0.874693	1.04431	1.04431	0.197721	0.687922	-1.45365	0.336825	0.761795	-1.31269	0.612704	1.15057	1.15057	0.70207	0.899784	1.11138		0.589325	0.860934	-1.16153	0.220611	1.4245	1.4245	0.171337	1.49205	1.49205	0.489427	0.824545	-1.21279	1.02756	1.22853	1.06274	1
cg21628164	LJNF121	0.490138	0.0717369	0.675571	-1.48023	0.85564	0.9651	-1.03616	0.961754	1.0094	1.0094	0.97187	0.951006	-1.05152	0.90462	0.976888	-1.02366		0.163187	1.33687	1.33687	0.343264	0.826584	-1.2098	0.503864	0.883528	-1.13183	0.57116	1.11811	1.11811	1.02755	0.619247	0.535681	1
cg17222992	TRAF5;TRAF5	0.490143	0.0587659	1.78423	1.78423	0.693703	1.11333	1.11333	0.6938	0.898238	-1.11329	0.768461	0.923054	-1.08336	0.989671	1.00352	1.00352		0.158082	1.50577	1.50577	0.70238	1.10974	1.10974	0.563823	1.17147	1.17147	0.394664	0.789421	-1.26675	1.02755	1.19715	1.03561	1
cg15216522	PPP3R1A;PPP3R1A	0.490151	0.142802	0.272771	-3.66497	0.0422231	0.311744	-3.20738	0.680302	1.40757	1.40757	0.627566	1.84533	1.19716	0.218205	0.553	-1.80795		0.287643	0.402245	-2.48605	0.132165	0.251469	0.976563	0.973753	1.01738	1.01738	0.575765	1.01738	1.01738	1.02755	1.01738	0.575765	1
cg07156990	WDR20	0.490154	0.941481	0.943476	-1.05091	1.000933	0.15266	4.15266	0.0804322	0.464968	0.464968	0.918634	1.08435	1.08435	0.356376	0.471514	2.12083		0.855492	0.865475	-1.15544	0.592734	1.53402	1.53402	0.643719	1.44645	1.44645	0.850893	0.861449	1.16083	1.02752	10.2213	8.84226	1
cg18176336	TMEM201;TMEM201	0.490171	0.512382	1.17459	1.17459	0.366445	1.25196	1.25196	0.339703	0.787954	-1.26911	0.46069	1.19949	1.19949	0.389598	1.23803	1.23803		0.339456	0.787851	-1.26927	0.887837	1.03477	1.03477	0.992546	1.00227	1.00227	0.0776074	1.60809	1.60809	0.98749	0.954493	0.825735	1
cg06475156	Cllorf3	0.490175	0.578824	1.60855	1.60855	0.0888587	1.01214	1.01214	0.956825	1.03615	1.03615	0.715015	1.17757	1.17757	0.450227	0.795777	1.25722		0.3766	0.795943	-1.25596	0.510592	0.540886	-1.84882	0.475522	0.802564	-1.24601	0.778732	0.918158	-1.08914	0.87249	1.45924	1.29358	1
cg05291674	PIAS1	0.490173	0.990339	1.00737	1.00737	0.157144	2.50224	2.50224	0.422813	1.64266	1.64266	0.277839	1.982	1.982	0.944242	0.958485	-1.04331		0.883668	0.915069	-1.09281	0.494937	0.656975	-1.52213	0.232325	0.46799	-2.1368	0.191427	2.31274	2.31274	1.02749	5.98016	5.17348	1
cg04761094	UPF	0.490175	0.585884	1.41894	1.41894	0.258326	1.58308	1.58308	0.0824382	1.38214	1.38214	0.2884	1.88293	1.88293	0.113467	0.602828	1.65972		0.752624	1.24037	-1.47054	0.443975	0.488696	-2.04626	0.552291	0.57601	-1.73608	0.967308	0.963097	1.03822	1.02748	13.6889	11.9499	1
cg17384064	LRRC1	0.490187	0.3079	0.444787	-2.24827	0.203929	0.357284	-2.79889	0.937806	0.941856	-1.06173	0.8304	1.17898	1.17898	0.333929	0.465337	-2.14898		0.638539	1.25112	1.25112	0.168582	2.00306	2.00306	0.56635	0.759971	-1.31584	0.415673	1.48282	1.48282	1.02758	3.4491	3.15659	1
cg26229968	DNM1Z	0.490127	0.532307	0.697552	-1.43293	0.245823	0.468859	-2.16984	0.753582	1.26288	1.26288	0.848852	0.909759	-2.44153	0.189135	0.609791	-1.64021		0.622169	0.475496	-2.10307	0.166546	1.10751	1.10751	0.871981	0.713939	-1.40068	0.687683	1.83048	1.83048	1.02783	31.7766	26.9467	1
cg19085146	KIAA1026;KIAA1026	0.490129	0.353221	2.08894	2.08894	0.66818	0.729847	-1.37015	0.330413	0.480244	-2.08228	0.242755	0.24485	2.44185	0.20249	0.374311	2.67157		0.52078	0.621663	-1.60859	0.649706	0.736177	-1.3363	0.367958	0.96475	1.03627	0.463731	2.15642	1.02757	6.6799	7.50845	1
cg21498160	RHBDD2;RHBDD2	0.490134	0.127928	0.360115	-2.77689	0.407493	1.69181	1.69181	0.634358	1.34625	1.34625	0.385526	0.575758	-1.73684	0.938345	1.04918	1.04918		0.14406	0.377603	-2.64828	0.573032	0.702296	-1.4239	0.976618	1.01835	1.01835	0.2111718	0.442016	-2.26236	1.02756	6.26713	5.42136	1
cg24120135	WIPF1	0.490135	0.418479	0.27831	-3.59222	0.233948	2.07196	-1.4793	0.454414	1.18382	1.18382	0.879401	1.37255	1.37255	0.676995	1.14702	-1.58707		0.0926383	0.52504	-1.90482	0.89061	0.93122	-1.07403	0.697487	1.14568	1.14568	0.0197709	0.964742	-1.03653	1.02756	1.97272	1.7065	1
cg07177011	TMEM52	0.490135	0.973044	1.00554	1.00554	0.848393	0.969171	-1.03181	0.467568	1.12913	1.12913	0.235856	1.12538	1.12538	0.153157	0.778578	1.28439		0.511464	0.896769	-1.11551	0.220899	1.23436	1.23436	0.56001	0.90821	-1.10107	0.350507	0.854511	-1.17026	1.02756	0.435667	0.376873	1
cg23193576	DLL1	0.490136	0.329258	0.48154	-2.07663	0.0875158	0.809983	-1.23527	0.182708	0.845579	-1.18269	0.124866	0.158466	-6.31156	0.0753708	0.348344	2.86709		0.424359	0.496749	-2.01353	0.349537	0.66682	-1.49988	0.85604	1.12327	1.12327	0.772774	0.830832	-1.20361	1.02756	2.02128	1.82907	1
cg05079767	ELFN2 RNF121;LOC101103315;RNF121;RNF12	0.490136	0.874693	1.04431	1.04431	0.197721	0.687922	-1.45365	0.336825	0.761795	-1.31269	0.612704	1.15057	1.15057	0.70207	0.899784	1.11138		0.589325	0.860934	-1.16153	0.220611	1.4245	1.4245	0.171337	1.49205	1.49205	0.489427	0.824545	-1.21279	1.02756	1.22853	1.06274	1
cg21628164	LJNF121	0.490138	0.0717369	0.675571	-1.48023	0.85564	0.9651	-1.03616	0.961754	1.0094	1.0094	0.97187	0.951006	-1.05152	0.90462	0.976888	-1.02366		0.163187	1.33687	1.33687	0.343264	0.826584	-1.2098	0.503864	0.883528	-1.13183	0.57116	1.11811	1.11811	1.02755	0.619247	0.535681	1
cg17222992	TRAF5;TRAF5	0.490143	0.0587659	1.78423	1.78423	0.693703	1.11333	1.11333	0.6938	0.898238	-1.11329	0.768461	0.923054	-1.08336	0.989671	1.00352	1.00352		0.158082	1.50577	1.50577	0.70238	1.10974	1.10974	0.563823	1.17147	1.17147	0.394664	0.789421	-1.26675	1.02755	1.19715	1.03561	1
cg15216522	PPP3R1A;PPP3R1A	0.490151	0.142802	0.272771	-3.66497	0.0422231	0.311744	-3.20738	0.680302	1.40757	1.40757	0.627566	1.84533	1.19716	0.218205	0.553	-1.80795		0.287643	0.402245	-2.48605	0.132165	0.251469	0.976563	0.973753	1.01738	1.01738	0.575765	1.01738	1.01738	1.02755	1.01738	0.575765	1
cg07156990	WDR20	0.490154	0.941481	0.943476	-1.05091	1.000933	0.15266	4.15266	0.0804322	0.464968	0.464968	0.918634	1.08435	1.08435	0.356376	0.471514	2.12083		0.855492	0.865475	-1.15544	0.592734	1.53402	1.53402	0.643719	1.44645	1.44645	0.850893	0.861449	1.16083	1.02752	10.2213	8.84226	1
cg18176336	TMEM201;TMEM201	0.490171	0.512382	1.17459	1.17459	0.366445	1.25196	1.25196	0.339703	0.787954	-1.26911	0.46069	1.19949	1.19949	0.389598	1.23803	1.23803		0.339456	0.787851	-1.26927	0.887837	1.03477	1.03477	0.992546	1.00227	1.00227	0.0776074	1.60809	1.60809	0.98749	0.954493	0.825735	1
cg06475156	Cllorf3	0.490175	0.578824	1.60855	1.60855	0.0888587	1.01214	1.01214	0.956825	1.03615	1.03615	0.715015	1.17757	1.17757	0.450227	0.795777	1.25722		0.3766	0.795943	-1.25596	0.510592	0.540886	-1.84882	0.475522	0.802564	-1.24601	0.778732	0.918158	-1.08914	0.87249	1.45924	1.29358	1
cg05291674	PIAS1	0.490173	0.990339	1.00737	1.00737	0.157144	2.50224	2.50224	0.422813	1.64266	1.64266	0.277839	1.982	1.982	0.944242	0.958485	-1.04331		0.883668	0.915069	-1.09281	0.494937	0.656975	-1.52213	0.232325	0.46799	-2.1368	0.191427	2.31274	2.31274	1.02749	5.98016	5.17348	1
cg04761094	UPF	0.490175	0.585884	1.41894	1.41894	0.258326	1.58308	1.58308	0.0824382	1.38214	1.38214	0.2884	1.88293	1.88293	0.113467	0.602828	1.65972		0.752624	1.24037	-1.47054	0.443975	0.488696	-2.04626	0.552291	0.57601	-1.73608	0.967308	0.963097	1.03822	1.02748	13.6889	11.9499	1
cg17384064	LRRC1	0.490187	0.3079	0.444787	-2.24827	0.203929	0.357284	-2.79889	0.937806	0.941856	-1.06173	0.8304	1.17898	1.17898	0.333929	0.465337	-2.14898		0.638539	1.25112	1.25112	0.168582	2.00306	2.00306	0.56635	0.759971	-1.31584	0.415673	1.48282	1.48282	1.02758	3.4491	3.15659	1
cg18341351	ASPSCR1	0.490194	0.473757	0.785629	-1.34204	0.164086	1.31082	1.31082	0.56812	1.1109	1.1109	0.995443	1.00102	1.00102	0.70412	0.85613	-1.16782		0.57986	0.903092	-1.10721	0.624893	0.688263	-1.45279	0.810967	1.0254	1.0254	0.859117	0.85963	-1.16351	1.02753	5.83425	5.17985	1
cg04145344	SART3	0.490208	0.980177	0.70789	-1.41278	0.11974	1.10374	1.10374	0.654554	0.956426	1.05166	0.644256	1.27142	1.27142	0.244185	0.20249	4.93911		0.82102	0.930844	-1.07429	0.350597	0.5516	1.81256	0.0390297	0.993435	0.758406	1.31856	1.02743	1.62832	1.44076	1
cg23221506	SUMO2;SUMO2	0.490212	0.213292	0.877422	-1.1397	0.223644	0.880236	-1.13606	0.655314	0.95616	-1.04585	0.127666	0.848449	-1.17862	0.110989	0.840929	-1.18916		0.680615	0.959544	-1.04216	0.50411	0.934597	-1.06998	0.185934	0.86942	-1.15019	0.206907	0.875632	-1.14203	1.02742	0.161993	0.140151	1
cg25749254	KLF6;KLF6;KLF6;KLF6	0.490213	0.54316	1.45049	1.45049	0.0844421	1.64441	1.64441	0.779754	1.18479	1.18479	0.626783	1.34461	1.34461	0.247139	0.270569	2.07759		0.124509	2.73135	2.73135	0.0714067	1.37442	1.37442	0.347162	1.37417	1.37417	0.347162	1.37417	1.37417	0.347162	0.94144	0.34404	1
cg04263092	TMEM44;TMEM44;TMEM44;TMEM44	0.490214	0.465588	0.790281	-1.36537	0.97071	1.01146	1.01146	0.564606	0.83463	-1.19814	0.453883	1.26723	1.26723	0.1697	1.14278	1.14278		0.82485	1.07123	1.07123	0.0309297	2.1958	2.1958	0.949567	1.01983	1.01983	0.637396	1.1588	1.1588	1.02742	1.56807	1.35665	1
cg25584780	LOC440461	0.490221	0.596701	0.807412	-1.23852	0.420034	0.718907	-1.391	0.130463	0.519829	-1.92371	0.548683	0.784196	-1.27519	0.328441	0.6676	-1.4979	

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(1127 127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T N)	Fold-Change(121T vs. N)	p-value(121T vs. Change 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T 477 vs. N)	p-value(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg13808674	GATA2	0.49075	0.75483	1.0579	1.0579	1.339642	1.19401	1.19401	0.17024	1.29502	1.29502	0.77473	0.940614	-1.05306	0.54062	0.894397	-1.11807	0.179082	1.29325	1.29325	0.224058	0.794435	-1.25876	0.522366	0.880749	-1.12391	0.676417	0.927166	-1.07856	1.02644	0.527715	0.456098	1
cg22414383	ANKZF1;ATG9A;ANKZF1;ATG9A	0.49075	0.360827	1.17626	1.17626	0.932321	1.01479	1.01479	0.178667	0.781206	-1.28007	0.188339	1.27237	1.27237	0.590787	1.09834	1.09834	0.231415	1.24225	1.24225	0.564264	1.10597	1.10597	0.549811	0.900712	-1.11023	0.29388	1.20702	1.20702	1.02644	0.485487	0.42043	1
cg02692405	TNFRSF19;TNFRSF19	0.49077	0.876899	1.02522	1.02522	0.391096	1.15434	1.15434	0.304633	1.18963	1.18963	0.701488	0.93903	-1.06493	0.383128	0.864089	-1.15729	0.733667	1.05737	1.05737	0.07406607	0.722418	-1.38424	0.712341	1.06236	1.06236	0.4042977	1.14956	1.14956	1.0264	0.4438684	0.375581	1
cg20800391	NRM;KIAA1949	0.49078	0.059022	0.640175	-1.56207	0.841679	1.04273	1.04273	0.239487	0.772842	-1.29393	0.689411	0.931993	-1.08767	0.628647	0.903075	-1.10733	0.181801	0.743416	-1.34514	0.759987	1.0662	1.0662	0.221405	0.764227	-1.30851	0.714317	0.925971	-1.07995	1.02638	0.7114	0.616103	1
cg01132598	TMEM219;TMEM219	0.49079	0.811422	1.05011	1.05011	0.766488	1.06281	1.06281	0.386644	1.19905	1.19905	0.267129	1.26679	1.26679	0.839728	1.04229	1.04229	0.644102	0.909228	-1.09983	0.600751	0.897616	-1.11406	0.179074	0.746793	-1.33906	0.101021	1.44393	1.44393	1.02636	0.680186	0.589079	1
cg10055320	BCOR;BCOR	0.49079	0.087535	0.47811	0.47811	0.797224	0.825398	1.25154	0.69309	0.744072	-1.34496	0.392528	0.520582	-1.92033	0.668556	0.72544	-1.37847	0.170492	2.9678	2.9678	0.560246	1.55108	1.55108	0.355251	2.0314	2.0314	0.776097	0.808555	1.23677	1.02635	0.92028	7.81907	1
cg16424138	FAM105A	0.49079	0.471384	0.908589	-1.10012	0.932004	1.01118	1.01118	0.583639	1.07475	1.07475	0.723813	1.04729	1.04729	0.251827	1.16873	1.16873	0.777585	1.03755	1.03755	0.05775841	0.756209	-1.33239	0.649427	0.942138	-1.06142	0.482672	1.09738	1.09738	1.02635	0.275749	0.238816	1
cg22796258	CDO1;DA;CDO1DA	0.49080	0.615652	1.12866	1.12866	0.216506	1.36474	1.36474	0.206516	1.37517	1.37517	0.241203	1.34091	1.34091	0.387555	1.23586	1.23586	0.349002	0.794112	-1.25927	0.8443264	1.04847	1.04847	0.48012	1.18724	1.18724	0.112693	1.51115	1.51115	1.02633	0.929139	0.804884	1
cg05518942	RPTOR;RPTOR	0.49082	0.850064	1.05413	1.05413	0.0522419	1.84961	1.84961	0.386134	1.28078	1.28078	0.465736	1.2297	1.2297	0.826516	1.06305	1.06305	0.300432	1.34835	1.34835	0.100998	1.64919	1.64919	0.987733	1.00429	1.00429	0.442354	1.24382	1.24382	1.0263	1.26112	1.09227	1
cg14078309	MCAT;MCAT EPB49;EPB49;EPB49;EPB49;EPB49;EPB4 9	0.49083	0.874464	1.03944	1.03944	0.117996	1.51488	1.51488	0.303193	1.29816	1.29816	0.933365	0.979747	-1.02067	0.537995	1.16483	1.16483	0.724083	1.09059	1.09059	0.260135	0.75021	-1.33296	0.862952	0.958607	-1.04318	0.123352	1.50442	1.50442	1.02628	0.973115	0.842841	1
cg18210562	9	0.49083	0.0724075	1.78398	1.78398	0.522485	1.25061	1.25061	0.795874	1.07772	1.07772	0.269047	1.36646	1.36646	0.961055	1.0142	1.0142	0.523459	1.20526	1.20526	0.0802278	1.75129	1.75129	0.695947	1.12008	1.12008	0.659186	0.87972	-1.13673	1.02628	1.35505	1.17365	1
cg15981557	STK16;STK16;GLB1L	0.49084	0.845477	0.987576	-1.03848	0.439383	1.16485	1.16485	0.581983	1.11583	1.11583	0.914016	0.951261	-1.07851	0.874727	0.960816	-1.05939	0.558228	1.26615	1.26615	0.0929641	0.64948	-1.53965	0.563921	1.11963	1.11963	0.6509955	1.08038	1.08038	1.02627	0.6084977	0.53704	1
cg13037975	MAGEL2 C18orf1;C18orf1;C18orf1;C18orf1;C18	0.49084	0.223438	0.766346	-1.30489	0.494838	1.15509	1.15509	0.306019	1.24669	1.24669	0.849347	0.961209	-1.04036	0.973861	1.00684	1.00684	0.282227	1.26173	1.26173	0.0730598	1.51578	1.51578	0.742453	1.07101	1.07101	0.90883	1.02412	1.02412	1.02625	0.703518	0.609354	1
cg19548761	orf1;C18orf1	0.49085	0.422797	0.560295	-1.78477	0.0512737	0.207979	-4.80819	0.204421	0.387703	-2.57593	0.753419	0.800142	-1.24078	0.538107	0.643352	-1.55436	0.235651	0.415057	-2.40931	0.396983	0.541363	-1.84719	0.28455	0.455424	-2.19576	0.727108	1.28131	1.28131	1.02625	8.1364	7.0474	1
cg03825158	ZNF423	0.49085	0.396343	0.646535	-1.54671	0.998646	0.999148	-1.00085	0.792002	0.87572	-1.14192	0.664298	0.803117	-1.24515	0.0225274	0.253611	-3.94304	0.84157	1.10571	1.10571	0.713878	1.20311	1.20311	0.765411	0.86049	-1.16233	0.928707	0.95606	-1.04596	1.02623	4.09785	3.54944	1
cg15836067	TCHP;TCHP	0.49089	0.934565	0.977368	-1.02314	0.933052	1.1068	1.02368	0.649138	1.13608	1.13608	0.346327	1.31012	1.31012	0.291151	0.737045	-1.35677	0.063618	0.559419	-1.78757	0.454545	0.808819	-1.23637	0.692373	0.895153	-1.11733	0.443903	1.24286	1.24286	1.02618	1.26089	1.0922	1
cg07153922	CCDC72;CCDC51	0.49089	0.0315081	1.64131	1.64131	0.657462	1.01954	1.01954	0.449763	1.16335	1.16335	0.637839	1.15	1.15	0.169663	1.08116	1.08116	0.523707	0.883201	-1.13225	0.764781	0.943728	-1.05955	0.484754	1.14968	1.14968	0.771378	1.05081	1.05081	1.02625	0.627253	0.543337	1
cg05511752	MED12	0.49089	0.0816669	0.175608	-5.69449	0.926712	1.08647	1.08647	0.911596	0.904728	-1.1053	0.161105	1.85472	1.85472	0.984498	0.982637	-1.01767	0.23891	0.328931	-3.04015	0.648542	1.51237	1.51237	0.815451	1.23463	1.23463	0.79412	1.26588	1.26588	1.02617	13.2078	11.4408	1
cg24403737	CASP10;CASP10;CASP10	0.49093	0.384623	1.47722	1.47722	0.370024	1.45985	1.45985	0.160767	0.845073	1.18333	0.271743	0.624348	-1.59546	0.79323	1.16304	1.16304	0.558228	1.26615	1.26615	0.391061	1.41172	1.41172	0.278376	1.15977	1.15977	0.15878	0.553779	-1.80578	1.02616	2.50197	2.16728	1
cg22466425	HSPA1L;HSPA1A	0.49094	0.11031	4.12465	4.12465	0.48221	1.77911	1.77911	0.699762	1.37097	1.37097	0.337587	2.23661	2.23661	0.1232	3.73966	3.73966	0.251494	2.65247	2.65247	0.377861	0.478675	-2.0891	0.562726	1.6104	1.6104	0.861387	0.867356	-1.15293	1.02614	10.7746	9.33347	1
cg07091934	MED13L DMKN;DMKN;DMKN;DMKN;DMKN;DM	0.49095	0.298514	0.507456	-1.97062	0.0768634	0.289809	-3.45055	0.202219	0.428447	-2.33401	0.658139	1.32356	1.32356	0.408124	0.587066	-1.70338	0.538883	0.67594	-1.47942	0.240448	0.461323	-2.16768	0.926336	0.94345	-1.05994	0.598861	1.39675	1.39675	1.02614	6.43998	5.57862	1
cg22345576	KN	0.49099	0.204112	0.447089	-2.23669	0.113326	0.35282	-2.8343	0.174148	0.419637	-2.38301	0.328031	0.545301	-1.83385	0.546622	0.693201	-1.44258	0.630941	0.747712	-1.33741	0.119918	0.362982	-2.75492	0.401954	0.597354	-1.67405	0.77178	1.19087	1.19087	1.02613	5.86331	5.07911	1
cg22537085	TBRG4;TBRG4;TBRG4	0.49099	0.310114	0.888127	-1.12588	0.302434	0.783834	1.27554	0.782836	0.782836	-1.27741	0.383093	0.31994	-3.1914	0.339264	0.705985	-1.37002	0.0535573	0.508179	-1.96683	0.299515	0.757336	-1.32042	0.484335	0.852615	-1.17286	0.8868891	0.760746	-1.3145	1.0263	1.54481	1.33252	1
cg11094492	HSPA1B	0.49092	0.593285	1.18049	1.18049	0.132196	0.60647	-1.64889	0.127759	0.602397	-1.66003	0.721093	1.11665	1.11665	0.170941	0.638429	-1.56634	0.346342	0.741936	-1.34783	0.354834	0.746041	-1.34041	0.4994	0.809743	-1.23496	0.851002	0.943764	-1.05959	1.02613	1.53965	1.33373	1
cg16585306	ZDHHC23;YSMD2	0.49092	0.996247	1.00365	1.00365	0.937055	1.03802	1.03802	0.553781	1.13374	1.13374	0.351054	0.886018	1.12864	0.228237	1.15209	1.15209	0.253885	1.18093	1.18093	0.0931994	0.826662	-1.20968	0.402879	0.887304	-1.12653	0.447976	0.906409	-1.10343	1.02611	0.315908	0.277147	1
cg06046344	SLC22A11	0.49093	0.642662	0.720459	-1.388	0.153882	0.911898	1.29188	0.573905	0.671207	-1.48985	0.759451	1.24049	1.24049	0.242922	1.50378	1.50378	0.335026	1.49777	-1.00896	0.955644	0.276818	-3.61248	0.631601	0.712497	-1.40351	0.702939	1.76425	1.76425	1.30847	1.0261	0.93166	1
cg02786019	TRPV6	0.49093	0.0429858	0.0902117	-11.085	0.397008	2.4494	2.4494	0.854439	0.827213	-1.20888	0.733462	0.702539	-1.42341	0.363787	0.381355	-2.62223	0.53334	0.521173	-1.91875	0.543479	0.529824	-1.88742	0.578468	0.560039	-1.78559	0.244457	0.284301	-3.5174	1.0261	17.3389	15.0203	1
cg10941749	LYSMD2;YSMD2	0.49093	0.0549458	0.580183	-1.72356	0.450164	0.892183	-1.12085	0.160825	0.892183	-1.12085	0.160825	0.892183	-1.12085	0.160825	0.892183	-1.12085	0.318307	0.89179	-1.12134	0.944175	0.566209	1.37842	0.725255	0.85445	-1.1705	0.0508201	1.38247	1.38247	1.04109	0.379841	0.2905	1
cg14021345	LRFN5	0.49095	0.845949	0.951984	-1.05044	0.304302	0.758501	-1.31839	0.0671553	1.70416	1.70416	0.832754	0.94654	-1.05648	0.547521	1.20735	1.20735	0.259561	1.36084	1.36084	0.27893	1.34067	1.34067	0.947098	1.05144	1.05144	0.85098	1.0508	1.05008	1.02607	1.09701	0.950343	1
cg01045913	CNN3	0.49094	0.751824	1.08966	1.08966	0.0592213	1.12437	1.12437	0.906217	0.939959	-1.06388	0.269759	0.872587	-1.14607	0.664573	0.931756	-1.07339	0.780904	1.14747	1.14747	0.0442366	0.807002	1.24446	1.1847	1.1847	1.1847	0.0311176	0.777622	1.28597	1.28597	1.02605	1.2168952	1
cg07981822	SEL1L;GPR113	0.49096	0.786403	0.951431	-1.05105	0.8982656	0.976824	-1.02373	0.647527	0.919084	-1.08804	0.413311	0.857868	-1.16568	0.449701	1.15165	1.15165	0.471957	0.874491	-1.14352	0.669598	1.08186	1.08186	0.539417	1.12063	1.12063	0.0454269	1.52288	1.52288	1.02605	0.5459999	0.47301	1
cg13005428	RPTOR;RPTOR	0.49096	0.277012	0.458951	-2.17888	0.356001	0.515919	-1.93829	0.856871	0.883059	-1.13243	0.553079	0.661441	-1.51185	0.0981235	0.28657	-3.48955	0.416536	0.564408	-1.77117	0.072119	0.251005	-3.98399	0.198746	0.392192	-2.54847	0.579401	0.680001	-1.47059	1.02605	7.31099	6.68018	1
cg10028049	AMOT;AMOT	0.49098	0.453209	0.77	-1.29851	0.559213	1.12437	1.12437	0.906217	0.939959	-1.06388	0.269759	0.872587	-1.14607	0.664573	0.931756	-1.07339	0.780904	1.14747	1.14747	0.0442366	0.807002	1.24446	1.1847	1.1847	1.1847	0.0311176	0.777622	1.28597	1.28597	1.02605	1.2168952	1
cg21966410	AR	0.49097	0.191983	0.197222	-5.07044	0.951082	0.930426	-1.07478	0.96794	0.955857	-1.04838	0.148006	0.19751	6.19751	0.180306	5.32469	5.32469	0.350304	0.323031	-3.09568	0.8532	0.804347	-1.24324	0.986058	0.979671	-1.02075	0.459263	0.424472	2.42472	1.02603	2.42472	2.02603	2.45511	19.4502	1
cg10967194	TNIP1	0.49097	0.529202	1.41905	1.41905	0.0231444	0.43301	0.43301	0.407001	1.60417	1.60417	0.764007	1.1787	1.1787	0.393598	1.30648	1.30648	0.970627	1.02072	1.02072	0.783554	1.16693	1.16693	0.565572	0.894556	1.11696	0.202002	0.039006	1.15696	1.15696	1.02603	0.1309888	0.10791	1
cg15704988	STAT3;STAT3;STAT3	0.49099	0.760693	1.03943	1.03943	0.344884	0.811884	-1.13484	0.282015	1.15593	1.15593	0.139431	0.813715	-1.22894	0.446869	1.10622	1.10622	0.40825	-1.1587	1.11587	0.645376	1.0619	1.0619	0.909773	0.985414	-1.0148	0.216998	1.18337	1.18337	1.02602	2.2729907	2.23651	1
cg18104674	ZCCHC2	0.49098	0.682078	0.840128	-1.19029	0.428205	1.4079	1.4079	0.263876	0.614103	-1.62839	0.280456	1.60722	1.60722	0.321365	0.64835	-1.54238	0.423693	0.707798	-1.41283	0.310862	0.641798	-1.55812	0.821824	1.1001	1.1001	0.229744	1.70403	1.70403	1.02602	2.90692	2.5184	1
cg23744030	LRRC10B	0.49098	0.95408	1.01795	1.01795	0.824754	0.914114	-1.10245	0.0125	0.914114	-1.10245	0.0125	0.914114	-1.10245	0.0125	0.914114	-1.10245	0.040649	1.1726	1.1726	0.694159	1.2528	1.2528	0.133444	0.901018	1.10225	0.694159	1.10606	0.9313	1.02224	0.784329	1.06749	1.05722	0.919139	1
cg06936246	KCTD5	0.49092	0.809293	1.19636	1.19636	0.782952	0.814843	-1.22723	0.295285	2.32624	2.32624	0.088238	0.248521	-4.03281	0.107634	0.272301	-3.67646	0.728263	0.772107	-1.29516	0.717959	1.3086	1.3086	0.172914	0.763591	-1.3096	0.928142	0.935304	-1.06917	1.026	8.93439	7.74045	1
cg24200501	CYBRD1;CYBRD1	0.49097	0.523718	0.894809	-1.11787	0.752924	0.521594	1.91722	0.734673	0.521594	1.91722	0.734673	0.521594	1.91722	0.734673	0.521594	1.91722	0.193428	0.749034	-1.33479	0.440134	1.58815	1.58815	0.999732	0.608087	1.64388	0.695395	1.43883	1.43883	1.50514	1.3149	1.2311	1
cg10096050	KCTD10	0.49103	0.704846	0.900459	-1.11055	0.0605101	0.558134	-1.79168	0.473938	0.818193	-1.22221	0.564376	0.851687	-1.17414	0.175221	0.672194	-1.48767	0.993825	0.99787	-1.00213	0.316078	1.33054	1.33054	0.540381	0.843013	-1.18622	0.497729	0.827233	-1.20885	1.02598	1.23152	1.0687	1
cg15146796	LHFPL4	0.49109	0.112206	0.493308	-2.02833	0.335556	0.616866	-1.6164	0.623919	0.891985	-1.12148	0.372308	0.628235	-1.59128	0.252301	0.594258	-1.68291	0.736332	0.849233	-1.17753	0.6238658	0.998072	1.00207	1.00207	0.984724	1.00207	0.0469782	0.998072	1.00207	1.02596	0.4048282	0.3856	1
cg19147218	HOXA7	0.49108	0.0686996	1.37348	1.37348	0.179997	1.17248	1.17248	0.479877	0.8297	-1.20528	0.486083	0.371237	-2.6937	0.772578	0.666848	-1.49959	0.741285	0.828497	-1.20711	0.653514	0.531203	-1.88252	0.758955	1.00219	1.00219	0.514578	1.39647	1.39647	1.02594	2.52259	2.10596	1
cg07916377	FECH;FECH	0.49103	0.633255	1.29546	1.29546	0.106873	2.58042	2.58042	0.203691	2.0595	2.0595	0.295991	0.557906	-1.79242	0.323536	1.73167	1.73167	0.502099	1.44316	1.44316	0.482291	0.680745	-1.46898	0.479454	1.47277	1.47277	0.89329	1.07495	1.07495	1.02594	4.71202	4.08255	1
cg13479896	C14orf33;KTN1;KTN1;KTN1;KTN1;KTN1	0.49102	0.0549458	0.580183	-1.72356	0.450164	0.892183	-1.12085	0.160825	0.892183	-1.12085	0.160825	0.892183	-1.12085	0.160825	0.892183	-1.12085	0.317304	0.89179	-1.12134	0.944175	0.566209	1.37842	0.725255	0.85445	-1.1705	0.0508201	1.38247	1.38247	1.04109	0.379841	0.2905	1
cg12530191	C3orf39	0.49105	0.777732	0.884771	-1.13024	0.30925	0.57652	1.57652	0.30633	1.58118	1.58118	0.584342	0.787423	-1.26997	0.0564758	0.392906	-2.54514	0.635984	0.813618	-1.22908	0.736798	1.15711	1.15711	0.993393	1.00359	1.03059	0.570848	0.780518	-1.2812	1.02594	3.0409	2.63469	1
cg10989117	UBTD1	0.49106	0.660368	0.463826	-2.15634	0.3763	0.707379	-1.50896	0.277696	0.752403	1.52403	0.76426	0.584106	-1.71202	0.18908	0.22081	12.0281	0.789391	0.619656	-1.6139	0.159021	1.74483	1.74483	0.417824	0.227605	-4.39358	0.048912	0.234901	-4.25598	1.02594	51.1099	44.991	1
cg04115683	MPDC;MDFC	0.49103	0.4683441	0.75623	-1.32924	0.857518	1.064	1.064	0.9161	0.916166	-1.09202	0.910851	0.965935	-1.03527	0.942314	0.717592	-1.39355	0.142294	1.40655	1.40655	0.0307527	0.454194	-2.2017	0.678027	1.15462	1.15462	0.4908385	0.785643	-1.27284	1.02593	1.92683	1.66946	1
cg02328735	TNFRSF11B	0.49101	0.607704	1.15919	1.15919	0.628474	1.14924	1.14924	0.634027	0.878557	-1.13852	0.552358	0.761174	-1.31376	0.856405	0.949638	-1.05303	0.607138	1.1946	1.15946	0.232783	0.695807	-1.43802	0.197184	0.675139	-1.48118	0.143545	1.56579	1.56579	1.02591	1.32239	1.14577	1
cg07770560	CTDP1;CTDP1	0.49103	0.862345	1.05181	1.05181	0.542711	1.92026	1.92026	0.13603	1.5085	1.5085	0.142713	1.06511	1.06511	0.0422651	1.24995	1.24995	0.927487	1.05264	1.05264	0.482619	1.71367	1.71367	0.0613477	0.975275	1.22802	0.127511	0.911614	1.09686	1.02591	1.20617	0.94068	1
cg03604364	TBXAS1;TBXAS1;TBXAS1;TBXAS1;TBXAS 1;TBXAS1	0.49104?	0.140096	0.54089	-1.8488	0.659073	0.842076	-1.18754	0.539653	0.78632	-1.27175	0.296544	0.657703	-1.53044	0.0982065	0.495514	-2.0181	0.564026	0.797899	-1.25329	0.0806835	0.472396	-2.11687	0.456717	0.745699	-1.34102	0.360023	0.698002	-1.43266	1.0259	2.43506	2.10986	1
cg02085815	PLK4	0.49104?	?	?	?	0.304811	2.35995	2.35995	0.253928	2.75005	2.75005	0.897927	1.10668	1.10668	0.243722	0.370687	-2.69769	0.943559	0.945624	-1.0575	0.264712	2.5685	2.5685	0.390834	2.02471	2.02471	0.263043	2.5782	2.5782	1.07464	8.65589	5.03419	1
cg16501561	ANKRD55	0.49105?	0.729883	0.777142	-1.28677	0.0707058	0.230132	-4.34533	0.519448	0.621865	-1.60807	0.625618	1.43001	1.43001	0.40942	0.541348	-1.84724	0.169507	0.344884	-2.89953	0.25064	0.417618	-2.39453	0.317314	0.474451	-2.12111	0.747594	1.26475	1.26475	1.02589	8.59729	7.4492	1
cg19570244	WT1;WT1;WT1;WT1;WT1	0.49106?	0.950045	0.9617	-1.03981	0.247308	1.2261	1.2261	0.910471	0.932289	-1.07263	0.426123	1.65953	1.65953	0.918858	0.993662	-1.00638	0.413893	0.594144	-1.68309	0.106865	2.99595	2.99595	0.138399	2.7003	2.7003	0.361063	1.79541	1.79541	1.02587	6.13248	5.46959	1
cg08492707	FNAR1	0.49107?	0.472521	0.807566	-1.24106	0.783918	1.08463	1.08463	0.993488	1.00241	1.00241	0.482611	0.809849	-1.2348	0.320381	0.738258	-1.35454	0.302766	1.37095	1.37095	0.081429	0.560548	-1.76976	0.612266	0.859793	-1.16307	0.193444	0.669126	-1.49449	1.02584	1.41925	1.22977	1
cg15829944	ZNF709	0.49107?	0.943237	0.991503	-1.00857	0.0747276	0.949676	1.05269	0.883832	1.02164	1.02164	0.212004	0.872853	-1.14592	0.0761454	0.874957	-1.14302	0.808568	1.09535	1.09535	0.104642	0.863649	-1.20131	0.579946	0.832427	-1.20131	0.0795466	0.899737	-1.11139	1.02583	1.02017	0.9018518	0.8124	1
cg17693015	NCRNA00171	0.49109?	0.394674	0.836048	-1.1961	0.91663	1.02174	1.02174	0.751993	1.06729	1.06729	0.938404	0.98416	-1.01609	0.0888301	0.680097	-1.47038	0.447569	1.17233	1.17233	0.295621	1.24953	1.24953	0.348728	1.21915	1.21915	0.410159	0.841134	-1.18887	0.10582	0.685454	0.593958	1
cg07112154	MPP2;MPP1	0.49109?	0.339278	1.15862	1.15862	0.153835	1.25638	1.25638	0.129875	1.27707	1.27707	0.237415	1.20494	1.20494	0.525954	1.10082	1.10082	0.878268	0.977340	-1.02318	0.450184	0.893456	-1.11925	0.782013	0.959186	-1.04233	0.622971	0.928604	-1.07689	1.02582	0.3630017	0.314561	1
cg14288330	INSM2	0.49109?	0.0942452	1.23736	1.23736	0.0429317	1.20652	1.20652	0.0464663	1.26545	1.26545	0.488293	1.21124	1.21124	0.0464663	1.26545	1.26545	0.0942452	1.23736	1.23736	0.0429317	1.20652	1.20652	0.0464663	1.26545	1.26545	0.488293	1.21124	1.21124

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(533T vs. N)	Fold-Change(533T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5630 vs. N)	Fold-Change(5630 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg12528691	PALLD;PALLD;PALLD	0.491502	0.307829	0.405713	-2.59436	0.368125	1.99022	1.99022	0.177272	2.908841	2.908841	0.558206	0.643494	-1.55402	0.283049	0.435868	-2.29427	0.523511	0.617953	-1.61825	0.82913	0.17458	1.17458	0.46264	0.573865	-1.74257	0.226801	0.388774	-2.57219	0.02507	8.99874	7.80327	1
cg04026937	HLA-DRB1	0.49151	0.222831	0.0594356	-16.8249	0.852009	1.50915	1.50915	0.372844	0.133176	-7.50886	0.632318	2.89299	2.889296	0.286226	11.3553	11.3553	0.278767	0.0836032	-11.9613	0.451279	0.42668	0.42668	0.780849	0.540853	-1.84893	0.158621	0.0361278	-27.6795	1.02506	78.838	68.3653	1
cg21866596	C11orf54;TAF1D	0.4915 11	0.0688517	0.654267	-1.52843	0.339786	1.22751	1.22751	0.973598	0.993128	-1.00692	0.861694	1.037	1.037	0.631656	1.10587	1.10587	0.616321	1.1111	1.1111	0.260754	0.783186	-1.27684	0.641846	0.907016	-1.10252	0.445404	1.17595	1.17595	1.02505	0.70475	0.611134	1
cg16327647	CENPF	0.491514	0.619191	1.06611	1.06611	0.143484	1.23184	1.23184	0.977029	1.00383	1.00383	0.521703	0.917468	-1.08996	0.0963022	1.27406	1.27406	0.173884	1.12153	1.12153	0.605254	1.0716	1.0716	1.0716	0.620219	0.936215	-1.06833	0.624608	1.0676	1.0676	1.02505	0.285605	0.247668	1
cg04082985	LASS2;LASS2	0.491517	0.233923	1.29492	1.29492	0.568211	1.12689	1.12689	0.0419706	1.62487	1.62487	0.893223	0.972569	-1.02821	0.717867	0.927605	-1.07805	0.590976	0.893718	-1.11892	0.809187	0.951129	-1.05138	0.936861	0.983725	-1.01654	0.437281	1.17835	1.17835	1.02504	0.696394	0.603895	1
cg25035700	GPR123	0.491525	0.865515	1.06154	1.06154	0.108061	0.53914	-1.8548	0.776804	0.904708	-1.10533	0.442438	0.758852	-1.31779	0.0447999	0.444172	-2.25133	0.494807	0.783285	-1.27667	0.814243	0.920415	-1.08647	0.893823	1.04818	1.04818	0.974412	0.988763	-1.01137	1.02503	2.01546	1.74778	1
cg14405893	OLFML2A	0.491539	0.145865	0.541526	-1.84663	0.653139	1.19448	1.19448	0.460644	0.744474	-1.34323	0.17852	0.570348	-1.75332	0.0900578	0.480017	-2.08326	0.961848	1.01897	1.01897	0.276308	0.64092	-1.56026	0.934463	1.03284	1.03284	0.727966	0.871815	-1.14703	1.025	2.50526	2.17258	1
cg16078836	MAP3K13	0.49154	0.219129	0.648415	-1.54232	0.534923	1.21449	1.21449	0.734153	1.12086	1.12086	0.914074	0.964665	-1.03634	0.532407	1.23607	1.23607	0.641268	1.21658	1.21658	0.950084	0.979332	-1.02121	0.670192	1.15444	1.15444	0.78814	1.09449	1.09449	1.025	1.82426	1.58302	1
cg12635919	PRDM16;PRDM16	0.491544	0.134649	0.498787	2.00488	0.916976	1.04599	1.04599	0.834071	0.933509	-1.07468	0.822664	0.908241	-1.10103	0.0402958	0.359995	-2.77782	0.602213	1.18718	1.18718	0.968888	1.01696	1.01696	0.871331	0.932485	-1.0724	0.458745	0.722279	1.38451	1.38451	1.02499	3.01894	2.61807	1
cg18405360	SLC4A3;4	0.491545	0.2039	0.640094	-1.56227	0.900245	1.04261	1.04261	0.662951	1.15709	1.15709	0.826043	0.929383	-1.07598	0.861234	0.943448	-1.05994	0.457251	0.777339	-1.28644	0.0563296	0.487234	-2.0524	0.592372	1.197	1.197	0.445177	1.29557	1.29557	1.02499	1.79705	1.55843	1
cg19137532	ZNF365;ZNF365;ZNF365	0.491558	0.729279	1.08013	1.08013	0.0697041	1.12325	1.12325	0.0697949	1.16749	1.16749	0.603752	1.14326	1.14326	0.833792	1.12525	1.12525	0.214287	0.725077	1.37916	0.0854944	0.630108	1.15803	1.15803	1.00632	1.00632	1.02497	1.09703	1.09703	1.02497	0.981404	0.851109	1
cg02326551	NOC2L FOXP4;FOXP4;FOXP4;FOXP4;FOXP4;FOX	0.491569	0.204059	0.661986	-1.51061	0.878673	0.954076	-1.04813	0.211291	0.666775	-1.49976	0.144094	1.62085	1.926882	0.972072	-1.02873		0.364484	1.33214	1.33214	0.386281	0.76084	-1.31434	0.975185	0.990473	-1.00962	0.580468	0.842141	-1.18745	1.02495	1.53748	1.33339	1
cg01244432	P4	0.491572	0.524381	0.834577	-1.19821	0.282711	1.36736	1.36736	0.152902	1.53584	1.53584	0.770449	0.921262	-1.08547	0.843302	0.946037	-1.05704	0.733928	1.10035	1.10035	0.0973627	0.600545	-1.66515	0.635094	1.14339	1.14339	0.835827	1.05989	1.05989	1.02494	1.27536	1.10606	1
cg04954894	DDHD2;DDHD2;DDHD2	0.491585	0.86551	0.943227	-1.06019	0.36309	1.37841	1.37841	0.606187	1.19642	1.19642	0.776311	1.10322	1.10322	0.692984	0.872107	-1.14665	0.222916	1.55529	1.55529	0.250359	0.660848	-1.51321	0.905758	1.44152	1.44152	0.106389	1.83684	1.83684	1.02492	1.93045	1.67424	1
cg15994604	EHF	0.491588	0.187847	0.4207	-2.43487	0.342024	0.536399	-1.86424	0.0716263	0.572795	-1.74605	0.560146	0.760945	0.163874	0.382808	0.565149	-1.76945	0.163874	0.392215	2.54963		0.277404	0.486094	-2.05468	0.78831	1.1872	1.1872	0.704719	0.784459	-1.27476	0.399414	0.576916	1.73336	1.02491	6.59552	5.72365	1
cg17397159	PCGF3	0.491593	0.516058	0.687886	-1.45373	0.670018	0.783847	-1.27576	0.2028	2.14666	2.14666	0.487194	1.49342	1.49342	0.2178	0.478738	-2.08883	0.614253	0.749201	-1.33475	0.131701	0.396729	-2.52061	0.37365	0.59519	-1.68034	0.865566	1.10026	1.10026	1.0249	5.23987	4.54449	1
cg02243522	MIR1207;PVT1 SERPINE2;SERPINE2;SERPINE2;SERPINE2	0.49916	0.112954	0.185391	-5.394	0.213265	3.59789	3.59789	0.323555	2.70741	2.70741	0.973226	0.967748	-1.03333	0.431071	2.19246	2.19246	0.298642	2.8644	2.8644	0.427913	2.20481	2.20481	0.622038	1.62481	1.62481	0.823692	0.80414	-1.24356	1.02489	15.4892	13.4338	1
cg02966200	2	0.491618	0.495447	1.61342	1.61342	0.211275	2.48476	2.48476	0.369459	1.89079	1.89079	0.194689	0.387492	-2.5807	0.532037	0.645689	-1.54873	0.854833	0.881113	-1.13493	0.286087	2.15033	2.15033	0.904096	0.920073	-1.08687	0.29118	0.469085	-2.13181	1.02486	7.75233	6.72362	1
cg26372977	MKS1;MKS1	0.49162	0.781975	0.963473	-1.03761	0.241008	0.892384	-1.12084	0.151391	0.951812	-1.05063	0.854536	1.00492	1.00492	0.318457	1.14251	1.14251	0.352613	0.879593	-1.13689	0.0432413	0.738041	-1.35482	0.981582	1.00804	1.00804	0.787314	1.03694	1.03694	1.02485	0.292016	0.251275	1
cg20758098	SLC24A1;SLC24A1;SLC24A11	0.491622	0.790652	0.749318	-1.34423	0.778244	1.27338	1.27338	0.264802	0.70438	2.70438	0.545674	0.592448	-1.68791	0.0801195	0.189754	-5.26999	0.46424	0.528527	-1.89205	0.297235	0.3965	-2.52207	0.573737	0.614725	-1.62674	7	7	1.01544	10.4754	10.3161	1
cg25880944	WNK1	0.491629	0.414488	1.39472	1.30462	0.235503	0.672786	-1.46635	0.141273	0.664694	-1.61373	0.410385	0.764634	-1.30782	0.891883	0.953148	-1.04946	0.555805	1.20917	1.20917	0.113702	0.581309	-1.72026	0.969759	0.841807	-1.18779	0.961494	0.984728	-1.01551	1.02487	1.49357	1.30907	1
cg16476991	RASA3 TBC1D15;TBC1D15;TBC1D15;TBC1D15;	0.491643	0.848547	1.09771	1.09771	0.403559	1.51709	1.51709	0.199361	0.516226	-1.93714	0.40341	0.675398	-1.48061	0.21954	1.87678	1.87678	0.629692	1.26732	1.26732	0.503583	1.39234	1.39234	0.131166	2.21383	2.21383	0.967762	0.980486	-1.0199	1.02481	3.85928	3.34741	1
cg14857596	TBC1D15;TBC1D15;TBC1D15	0.491643	0.580644	0.910881	-1.09784	0.249746	2.22289	2.22289	0.493688	0.89023	-1.12331	0.245032	0.815937	-1.22558	0.977788	0.995354	-1.00467	0.871964	1.02795	1.02735	0.146969	0.770766	-1.29741	0.812187	1.2461	1.2461	0.983155	1.00354	1.00354	1.02481	0.454192	0.393951	1
cg02045428	CAPRIN1;CAPRIN1	0.491656	0.240648	2.19724	2.19724	0.300536	0.502855	-1.98864	0.941584	0.954123	-1.04808	0.953802	1.03782	1.03782	0.0599291	0.25662	-3.89681	0.689852	1.29311	1.29311	0.486457	1.57325	1.57325	0.923783	0.940522	-1.06324	0.875949	0.904739	-1.10529	1.02479	6.66489	5.78105	1
cg01147602	CADM2;CADM2	0.491657	0.885556	0.970344	-1.03056	0.859304	1.03771	1.03771	0.164884	0.772086	1.30112	0.567772	1.32509	1.32509	0.0133482	1.23186	1.23186	0.765483	1.06453	1.06453	0.645204	0.659627	-1.51601	0.864725	1.08243	1.08243	0.704279	0.902014	0.902014	1.02479	0.615165	1	
cg18621299	EVL	0.491662	0.912683	0.960427	-1.0412	0.99044	1.00442	1.00442	0.954331	0.921031	1.02131	0.0970827	0.511545	-1.95486	0.362171	0.708382	-1.41167	0.29702	0.671671	-1.48882	0.420755	1.3536	1.3536	0.813309	1.09099	1.09099	0.129118	1.53947	-1.85365	1.02478	2.19918	1.90756	1
cg11257342	TUBE1;C6orf225;C6orf225	0.491662	0.152694	0.705687	-1.41706	0.563804	1.14203	1.14203	0.824884	1.05173	1.05173	0.21385	0.742399	-1.34698	0.795382	1.06093	1.06093	0.157982	0.709255	-1.40993	0.820912	0.949708	-1.05296	0.35732	0.806184	-1.24041	0.392276	1.22075	1.22075	1.02478	0.840623	0.729154	1
cg04846396	NAT15;NAT15;NAT15	0.491665	0.467684	1.2607	1.2607	0.0850548	1.49108	1.49108	0.0154581	1.14774	1.14774	0.630895	1.16116	1.16116	0.645481	1.14774	1.14774	0.0439955	1.16116	1.16116	0.0452128	1.02399	1.02399	0.645204	0.979121	1.03544	1.03544	0.67788	1.18348	1.18348	0.0714059	2.00412	2.00412	1.67	3.6813	3.1935	1
cg27093143	AP1;AP1;AP1	0.49167	0.313085	1.49225	1.49225	0.935345	0.13162	1.03162	0.633463	1.20292	1.20292	0.128561	1.87792	1.87792	0.633212	0.831571	-1.20254	0.587239	1.23401	1.23401	0.103441	0.504941	-1.98042	0.902672	1.04805	1.04805	0.569089	1.24651	1.24651	1.02476	2.38862	2.07191	1
cg13062821	ANAPC5;ANAPC5;ANAPC5	0.491675	0.517833	0.882403	-1.13344	0.76078	0.984378	-1.01643	0.154229	0.881093	-1.13493	0.0641503	0.744121	-1.34353	0.0118554	0.385349	-2.59521	0.915081	1.09288	1.09288	0.0153248	0.353245	-2.83111	0.552305	0.778842	1.28405	1.28405	0.0798851	1.14061	1.14061	1.02475	0.708852	0.610436	1
cg25069676	GSS	0.491683	0.500863	0.840866	-1.18925	0.839867	1.05266	1.05266	0.490533	0.837229	-1.19442	0.132008	0.662058	-1.51044	0.377927	0.794933	-1.25797	0.320892	0.77092	-1.29715	0.650416	1.1227	1.1227	0.330854	1.28985	1.28985	0.269411	1.13879	1.13879	1.02474	1.04442	0.90596	1
cg08113913	CCDC74B	0.49169	0.18215	0.657839	-1.52013	0.477342	1.23822	1.23822	0.542692	1.1999	1.1999	0.167358	0.647076	-1.54541	0.0991732	0.506691	-1.97434	0.418623	1.27689	1.27689	0.543002	1.01973	-1.01973	0.795793	1.07972	1.07972	0.213137	1.47335	1.47335	1.02473	1.41954	1.23137	1
cg08349400	GCLC	0.491694	0.479881	1.39471	1.39471	0.311117	1.62316	1.62316	0.492367	1.38	1.38	0.557484	1.3155	1.3155	0.107455	0.762153	-1.31166	0.302626	1.15806	1.15806	0.0452012	0.289593	-2.89593	0.40361	1.48448	1.48448	0.127698	1.68649	1.68649	1.02472	3.46769	3.00383	1
cg07175290	BBS1	0.491705	0.512827	1.5645	1.5645	0.459323	1.66207	1.66207	0.249412	2.25186	2.25186	0.244531	2.27266	2.27266	0.196492	2.51159	2.51159	0.406179	1.77364	1.77364	0.403995	1.7786	1.7786	0.801133	1.18553	1.18553	0.159792	0.363161	-2.7536	1.0247	7.3797	6.40162	1
cg12107699	SUMO3	0.491705	0.284564	1.65755	1.65755	0.810058	1.31554	1.31554	0.833023	1.528002	1.528002	-1.04858	0.877933	1.092981	-1.07228	0.931541	-1.07342	0.664728	1.19196	1.19196	0.634095	0.804815	-1.24251	0.847189	1.08177	1.08177	0.58487	1.10417	1.10417	1.0247	1.346	1.29254	1
cg24914839	TOP1MT	0.491712	0.0540544	0.399435	-2.50324	0.492274	0.746244	-1.34004	0.904864	0.951058	-1.05146	0.833779	1.0922	1.0922	0.660788	0.830832	-1.20361	0.29327	1.58021	1.58021	0.785372	1.12138	1.12138	0.48162	1.34583	1.34583	0.477054	1.35449	1.35449	1.02469	2.85847	2.47964	1
cg02833117	ERMN;ERMN	0.491715	0.963945	1.03768	1.03768	0.328477	0.438144	-2.28235	0.147064	0.27996	-3.57194	0.263155	2.5972	2.5972	0.216532	0.345088	-2.89781	0.683503	0.715079	-1.39845	0.476903	0.55337	-1.80711	0.325696	2.29395	2.29395	0.975309	1.02565	1.02565	1.02468	10.8634	9.42376	1
cg12558040	FAM98C	0.491722	0.284843	1.76325	1.76325	0.74729	1.12423	1.12423	0.0196	1.82742	1.82742	0.0112375	1.22224	1.22224	0.0182059	1.58174	1.58174	0.456443	1.17216	1.17216	0.882059	1.06389	1.06389	0.544207	0.823173	-1.21481	0.117367	0.820299	-1.21899	0.0467	2.82398	2.44977	1
cg00459975	INTS9;INTS9;HMBOX1;INTS9;HMBOX1	0.491722	0.627997	0.953671	-1.04858	0.211652	1.880002	-1.13636	0.404573	0.920487	-1.08638	0.462208	1.07578	1.07578	0.504764	1.06202	1.06202	0.157677	0.86349	-1.15809	0.342315	0.909327	-1.09971	0.959796	1.00564	1.00564	1.044282	1.858669	-1.16459	1.02467	0.153167	0.132871	1
cg18663232	MTERFD2;MTERFD2;SNED1;MTERFD2	0.491723	0.847179	1.09625	1.09625	0.0368455	3.17353	3.17353	0.203749	1.89436	1.89436	0.387194	1.52524	1.52524	0.558821	1.32521	1.32521	0.284251	1.69862	1.69862	0.26487	1.73934	1.73934	0.465518	1.42408	1.42408	0.696784	1.20503	1.20503	1.02467	3.6813	3.1935	1
cg12382415	SMAD6;SMAD6;SMAD6	0.491725	0.808565	0.836912	-1.19487	0.0323721	0.628144	6.28144	0.358244	0.995964	1.0995	0.651349	0.716293	-1.39608	0.527734	1.60822	1.60822	0.694387	1.33594	1.33594	0.685459	0.741808	-1.34806	0.961478	0.965193	-1.03606	0.732926	0.777841	-1.28561	1.02466	8.73076	7.57388	1
cg25037841	RTN4R;MIR1286	0.49173	0.789514	1.13032	1.13032	0.340469	0.637757	-1.568	0.212041	1.82559	1.82559	0.510537	1.35744	1.35744	0.519735	0.741709	-1.34824	0.475332	0.71722	-1.39427	0.348567	0.642835	-1.55561	0.140572	0.483109	-2.06646	0.524659	1.34338	1.34338	1.02465	3.40221	2.95142	1
cg13459910	MEGF9	0.491733	0.471324	1.84096	1.84096	0.244009	0.794	1.3192	0.246696	1.32964	1.32964	0.309504	1.22992	1.22992	0.274156	1.30686	1.30686	0.943603	1.27077	1.27077	0.739323	1.18171	1.18171	1.002359	1.13242	1.13242	0.728455	1.13043	1.13043	1.02465	0.897715	0.778773	1
cg17727331	DCTN1;DCTN1;DCTN1;DCTN1	0.491737	0.392156	0.780864	-1.28063	0.701276	1.11488	1.11488	0.200477	0.682803	-1.46454	0.683711	1.12251	1.12251	0.191982	1.4767	1.4767	0.44274	0.801861	-1.2471	0.176835	1.49639	1.49639	0.665985	0.884674	-1.13036	0.736405	0.909077	-1.10002	1.02464	1.29191	1.12075	1
cg05813781	SDK1;SDK1 TRAPPC1;TRAPPC1;CNTROB;TRAPPC1;C	0.491741	0.461363	0.636079	-1.57213	0.163877	2.45055	2.45055	0.765233	1.19803	1.19803	0.571002	1.41262	1.41262	0.0793077	0.308741	-3.23896	0.454545	1.58344	1.58344	0.79804	1.16731	1.16731	0.762704	1.20045	1.20045	0.750217	0.824729	-1.21252	1.02463	5.90713	5.12454	1
cg22385817	NTRO8;TRAPPC1;TRAPPC1	0.491747	0.724335	1.55191	1.55191	0.110206	0.92132	0.92132	0.0766058	11.9901	11.9901	0.775212	1.42658	1.42658	0.944962	1.08941	1.08941	7	7	7	0.541555	0.463955	-2.15538	0.842408	1.28013	1.28013	0.510332	1.29354	1.29354	1.02458	21.8102	18.5537	1
cg02352722	CDH11	0.491748	0.363393	0.80547	-1.24151	0.426526	1.17657	1.17657	0.350624	1.24603	1.24603	0.240221	1.34402	1.34402	0.733001	1.32604	1.32604	0.0918355	1.51259	1.51259	0.0499549	0.271007	-3.69125	0.819022	0.855055	-1.17017	0.10266	0.849475	-1.15473	1.02462	0.870223	0.754944	1
cg20206437	RPS6KA2	0.491752	0.926292	1.01952	1.01952	0.793074	1.05645	1.05645	0.116291	1.42834	1.42834	0.616009	1.11141	1.11141	0.205422	0.756495	-1.32189	0.246456	0.776328	-1.28811	0.363532	0.82278	-1.21539	0.889069	1.02958	1.02958	0.529248	1.14241	1.14241	1.02461	0.708055	0.614298	1
cg08609845	C6orf36;C6orf36;C6orf36	0.491759	0.164334	0.413259	-2.41979	0.824274	0.875947	-1.14162	0.653209	0.76387	-1.30912	0.127442	0.374696	-2.66883	0.0609245	0.283786	-3.52376	0.508338	0.675571	-1.48027	0.0756757	0.263837	-3.89974	0.748796	0.567257	-1.76287	0.557729	0.702517	-1.42345	1.02456	3.75575	3.49338	1
cg12660860	BCL10	0.491762	0.59415	0.893597	-1.11907	0.647412	1.10112	1.10112	0.406779	1.19426	1.19426	0.822007	0.95396	-1.04826	0.631481	1.10638	1.10638	0.0598442	0.641344	-1.55923	0.795005	0.937788	-1.06634	0.257283	0.780897	-1.28058	0.491929	1.15721	1.15721	1.0246	0.710081	0.616031	1
cg07910813	DSEL;DSEL	0.491764	0.364499	0.605254	-1.6522	0.998767	0.999168	-1.00083	0.582624	1.3486	1.3486	0.51597	1.42604	1.42604	0.201872	0.483773	-2.06708	0.558877	0.726031	-1.37735	0.465127	1.49266	1.49266	0.128318	2.42487	2.42487	0.351352	1.6767	1.6767	1.02459	4.7115	4.08748	1
cg14217558	PRDM16;PRDM16	0.491765	0.270784	0.115972	-3.60245	0.0224124	0.0524839	-19.0498	0.0511731	0.0558516	-17.9104	0.0780955	0.0450128	-22.2178	0.0178095	0.0450128	-22.2178	0.0450128	-22.2178	0.0178095	0.0450128	0.0450128	-22.2178	0.0178095	0.0450128	-22.2178	0.0178095	0.0450128	-22.2178	1.02459

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1047 vs. 047 vs. N)	Fold-Change(1047 vs. 047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. 537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. 377 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
gi	5756129	TRA2B;TRA2B	0.492201	0.561545	1.303076	1.303076	0.8258896	0.904597	-1.10546	0.5760011	0.7727997	-1.23587	?	?	?	?	0.38749	0.6672655	1.49865	0.167166	1.96739	1.96739	?	?	0.4408229	1.469814	0.194072	1.87609	1.87609	1.01542	2.53523	2.49673	1
gi	7403875	LGALS3	0.492208	0.976598	0.9911411	-1.00866	0.290524	1.38068	1.38068	0.0975336	0.585875	-1.70685	0.460452	0.801728	-1.24731	0.189635	1.50466	1.50466		0.852441	0.946715	-1.05628	0.721971	0.900264	-1.11079	0.548752	0.836585	-1.19534	0.596928	1.16993	1.16993	1.023078	1.140219	1.21744	1
gi	23687677	CNP	0.492208	0.325734	1.66828	1.66828	0.995482	1.00286	1.00286	0.267682	1.79027	1.79027	0.157334	2.14408	2.14408	0.408006	1.53244	1.53244		0.611978	1.29434	1.29434	0.361671	1.60468	1.60468	0.0659799	2.83027	2.83027	0.182631	2.04079	2.04079	1.02378	4.1248	3.58131	1
	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;																																			
gi	10251229	PRKAR1B;PRKAR1B	0.492211	0.188872	2.67533	-3.74069	0.118111	0.200259	-4.99354	0.366842	0.415365	-2.40752	0.749728	0.738364	-1.35434	0.162255	0.243139	-4.11288		0.324561	0.3813	-2.62261	0.183292	0.262337	-3.81189	0.149023	0.231563	-4.31848	0.468654	0.497192	-2.01129	1.02378	14.5639	12.645	1
gi	25302936	VCPIP1	0.492227	0.45361	1.18952	1.18952	0.714208	0.919786	-1.08721	0.917686	1.02378	1.02378	0.0509095	1.65792	1.65792	0.62742	1.11761	1.11761		0.934406	1.01889	1.01889	0.186702	0.727457	-1.37465	0.625731	0.951105	-1.05141	0.790108	1.06252	1.06252	1.02375	0.8379958	0.7727571	1
gi	19955701	CXorf15;CXorf15	0.492229	0.092979	0.38044	-2.62853	0.183461	0.478084	-2.09168	0.817211	0.885978	-1.1287	0.742166	0.841451	-1.18842	0.81164	0.882641	-1.13296		0.0882607	0.373986	-2.67389	0.422203	0.651357	-1.53526	0.926844	0.953114	-1.04919	0.646492	1.27312	1.27312	1.02375	4.43125	3.84926	1
gi	27029196	HIS1;ARL16	0.492231	0.409084	1.939284	-1.56434	0.481556	1.90658	1.90658	0.388317	1.65138	1.65138	0.188155	0.453153	-2.20598	0.832644	1.12755	1.12755		0.127655	2.54595	2.54595	0.910927	0.938485	-1.06555	0.408915	0.54574	0.417491	0.660225	-1.51458	1.02374	5.218668	4.53124	1
gi	22082210	MRGPRG;C11orf36	0.492235	0.960037	0.88336	-1.13191	0.694654	1.25876	1.25876	0.301561	1.658772	-1.41108	0.286395	0.690228	1.48648	0.865209	1.05854	1.05854		0.993231	1.00284	1.00284	0.124763	0.573205	-1.74458	0.166928	0.61052	-1.63795	0.406438	1.32897	1.32897	1.02374	1.81822	1.57873	1
gi	27982057	GNB2	0.492246	0.360362	0.776277	-1.2882	0.757016	0.919816	-1.08717	0.0745824	0.585709	-1.70733	0.484889	0.826012	-1.21064	0.300648	0.749134	-1.33487		0.531176	0.842965	-1.18629	0.5186	1.19272	1.19272	0.411352	1.25386	1.25386	0.546204	1.17877	1.17877	1.02372	1.17591	1.02104	1
gi	40636405	ARL3	0.492261	0.6726982	1.165199	1.165199	0.2413774	1.12584	1.12584	0.0611205	1.2803	1.2803	0.8111098	1.05968	1.05968	0.2387624	1.08002	1.08002		0.940014	1.03927	1.03927	0.4044011	1.05933	1.05933	0.4102229	1.354882	1.354882	0.161635	1.31636	1.31636	1.02369	0.9504415	0.8252064	1
gi	20225407	CRLS1;CRLS1;CRLS1	0.492269	0.950794	0.984723	-1.01551	0.494257	1.18905	1.18905	0.407466	1.23538	1.23538	0.313109	0.770843	-1.29728	0.732394	1.0894	1.0894		0.129384	1.664477	-1.50494	0.254353	1.34569	1.34569	0.560048	1.15836	1.15836	0.300418	1.30693	1.30693	1.02367	1.0089	0.876063	1
gi	11117364	AMZTL1	0.492271	0.839921	0.971719	-1.0291	0.309524	1.16087	1.16087	0.639236	0.935222	-1.06927	0.6273	1.07187	1.07187	0.294726	0.857146	-1.16666		0.293833	1.16702	1.16702	?	?	0.277219	0.85189	-1.17386	0.219176	1.20117	1.20117	1.01423	0.28729	0.283258	1
	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1;																																			
gi	19287349	TPM1	0.492272	0.466449	0.589675	-1.69585	0.488763	0.605786	-1.65075	0.648839	0.721265	-1.38645	0.710415	0.766585	-1.30449	0.113812	0.293422	-3.40806		0.134069	0.316149	-3.16306	0.095262	0.220764	-4.53926	0.471812	0.593553	-1.68477	0.176516	0.359151	-2.78434	1.02367	8.23511	7.15085	1
gi	10947936	RAP3A;RAP3A;RAP3A;RAP3A	0.492275	0.0683739	0.357914	-2.79397	0.663972	0.780543	-1.28116	0.395708	0.630782	-1.63724	0.384888	0.601524	-1.65693	0.097126	0.152515	-3.19985		0.261495	0.51493	-1.94207	0.482122	0.667014	-1.49922	0.227859	0.48798	-2.04926	0.434753	0.636526	-1.57103	1.02366	5.208841	4.52303	1
gi	10793374	PRDM16;PRDM16	0.492283	0.822111	0.931695	-1.07331	0.0831296	1.82714	1.82714	0.219588	1.50018	1.50018	0.616393	0.85326	-1.17198	0.521228	0.815238	-1.22664		0.331582	1.36989	1.36989	0.316308	1.38471	1.38471	0.485258	1.24957	1.24957	0.72513	0.895018	-1.1173	1.02365	1.60032	1.38964	1
gi	10446431	BRE;BRE;BRE;BRE;BRE	0.492287	0.381485	0.624939	-1.6	0.676284	0.802619	-1.24592	0.763951	0.856476	-1.16758	0.949805	1.03351	1.03351	0.125287	0.423068	-2.36369		0.305874	0.573999	-1.74216	0.0666272	0.340653	-2.93556	0.85397	0.90785	-1.1015	0.168782	0.464045	-2.15496	1.02364	4.44506	3.85991	1
gi	15253861	MLA-DPA1	0.492291	0.303842	0.47812	4.77812	0.758372	0.635613	-1.57328	0.121465	0.0849379	-11.7733	0.525229	2.5741	2.5741	?	?			0.300326	4.83695	4.83695	0.443994	0.317862	-3.14601	0.462755	0.313807	-2.97754	0.698385	0.564458	-1.77161	1.0242	30.7969	30.3658	2
gi	11251170	WBSCR28	0.492295	0.123845	0.78567	-1.2728	0.539791	0.914072	-1.09401	0.0599787	0.735547	-1.35953	0.87115	1.02377	1.02377	0.267762	0.846012	-1.18186		0.2824004	0.978804	-1.02166	0.996858	1.00057	1.00057	0.369826	0.875201	-1.14259	0.335806	0.86619	-1.15448	1.02363	0.3396632	0.294027	1
gi	18865748	GPR109A	0.492301	0.740407	0.817457	-1.22331	0.79784	1.12183	1.12183	0.14375	1.41375	0.719237	0.955553	1.05933	1.05933	0.249041	1.30491	1.30491		0.902054	1.04201	-1.06056	0.156143	1.39815	1.39815	0.592223	0.843842	1.12686	0.886764	1.03198	1.03198	1.02362	0.791125	0.686098	1
gi	20477175	PRMT7;SLC7A6OS	0.492313	0.418391	0.771281	-1.29654	0.142548	1.64057	1.64057	0.262666	1.44309	0.430197	1.37105	1.37105	0.63422	0.860242	-1.16246			0.650919	0.866699	-1.1538	0.163785	1.59472	1.59472	0.683975	1.13716	1.13716	0.426866	1.29021	1.29021	1.02359	1.59909	1.38865	1
gi	28788592	NR6A1;NR6A1;NR6A1;NR6A1	0.492320	0.307592	1.83184	1.83184	0.317805	1.78798	1.78798	0.822662	1.13661	1.13661	0.355683	1.70685	1.70685	0.895389	0.928643	-1.07684		0.2588661	1.94045	1.94045	0.417076	1.50941	1.50941	0.648075	1.59962	1.59962	0.222546	2.05722	2.05722	1.02358	5.13383	4.44827	1
gi	27112585	SHANK2;SHANK2	0.492322	0.0918328	0.587181	-1.70305	0.714615	1.1111	1.1111	0.610845	0.863107	-1.15861	0.128927	1.60111	1.60111	0.634776	0.871733	1.14714		0.830142	1.06357	1.06357	0.778189	1.08438	1.08438	0.548499	1.19025	1.19025	0.451281	1.24629	1.24629	1.02358	1.33404	1.1585	1
gi	24522040	YIPF2;YIPF2;C1orf52	0.492324	0.381589	0.711853	-1.40478	0.231798	1.60799	1.60799	0.115626	1.91131	1.91131	0.896853	1.06935	1.06935	0.151572	1.24202	1.24202		0.281463	0.654455	-1.52799	0.741811	1.14912	1.14912	0.529122	0.785463	-1.27313	0.44534	1.34267	1.34267	1.02357	2.32543	2.01945	1
gi	20725025	KNDC1	0.492329	0.926707	0.931551	-1.07359	0.879376	1.13986	1.13986	0.555622	0.837237	-1.19435	0.760942	0.993016	-1.00703	0.814274	0.946007	1.05697		0.69852	1.00246	1.00246	0.0814854	0.559203	-1.78824	0.159756	0.80848	-1.23686	0.577011	0.77013	-1.29837	1.02357	0.8773121	0.8002258	1
gi	20509613	MRPL44	0.492336	0.357117	0.689885	-1.44952	0.60651	0.436211	-2.29247	0.502652	0.765934	-1.30559	0.815609	0.912504	-1.09589	0.971069	1.01432	1.01432		0.861608	1.07079	1.07079	0.35247	0.687261	-1.45505	0.132706	0.529459	-1.88872	0.635274	1.20598	1.20598	1.02355	2.49066	2.16298	1
gi	25160915	SIDT1	0.492345	0.681245	1.29575	1.29575	0.0880922	0.82564	1.28264	0.991901	0.993029	-1.00702	0.781468	0.830526	-1.20386	0.0343	0.642559	-1.55636		0.442559	1.14962	1.14962	0.513362	0.657958	-1.51985	0.678629	1.301	1.301	1.301	1.002089	1.13177	1.13177	1.02353	6.64339	5.614942	1
gi	22593342	TSPAN14;TSPAN14	0.492357	0.496884	0.718431	-1.39192	0.769571	1.868646	-1.15122	0.247342	0.55998	-1.78578	0.232805	0.548926	-1.82174	0.749409	0.857697	-1.16591		0.845146	0.09828	1.09828	0.0961349	0.240116	2.40316	0.404357	1.50537	1.50537	0.884677	1.07205	1.07205	1.02351	3.72546	3.23544	1
gi	14715030	VPS53;VPS53	0.492361	0.500422	1.27224	1.27224	0.824937	1.08111	1.08111	0.109068	0.540553	-1.84996	0.700674	0.872863	-1.14566	0.0972538	1.89776	1.89776		0.69563	1.14845	1.14845	0.985795	0.993752	-1.00629	0.462937	1.30086	1.30086	0.706991	0.875519	-1.14218	0.028551	2.00891	1.74469	1
gi	21208555	WDYHV1	0.492365	0.454528	0.628257	-1.59175	0.050735	0.257129	3.8891	0.102076	0.335623	-2.97954	0.933777	0.950553	-1.05053	0.679761	0.770202	-1.29822		0.526371	0.675914	-1.47948	0.692055	0.784357	-1.27493	0.827386	0.875252	-1.14253	0.609331	1.36954	1.36954	1.0235	0.63453	0.54087	1
gi	22621063	SNIP1	0.492377	0.791397	1.12504	1.12504	0.6944551	0.418309	-2.39058	0.348773	0.66717	-1.49887	0.896063	1.05637	1.05637	0.586756	1.06161	1.06161		0.184113	0.553696	-1.80605	0.393193	1.44336	1.44336	0.154596	0.757851	-1.31952	0.985581	0.992447	-1.00761	1.02348	2.85338	2.47816	1
gi	24178860	SDR42E1	0.492378	0.979337	0.991594	-1.00857	0.9509	0.966154	-1.03502	0.854568	0.943265	-1.06048	0.564056	0.843265	-1.18586	0.814204	0.845183	-1.18384		0.842604	1.04789	1.04789	0.824407	0.760004	-1.31618	0.387498	0.660316	-1.51403	0.0306858	0.130383	7.669973	1.02348	0.4988383	0.4332287	1
gi	17468553	ALKBH5;ALKBH5	0.492379	0.939128	1.04154	1.04154	0.765205	0.852486	-1.17304	0.389156	0.624838	-1.60041	0.609534	1.31585	1.31585	0.319607	0.578075	1.72988		0.942099	1.03947	1.03947	0.54815	1.38239	1.38239	0.710241	1.22002	1.22002	0.0458049	1.38714	1.38714	1.02347	4.60265	3.99741	1
	RUNDC3A;RUNDC3A;RUNDC3A;RUNDC3A;																																			
gi	27195941	3A;RUNDC3A;RUNDC3A	0.492388	0.826806	0.965295	-1.03595	0.196903	1.24596	1.24596	0.605096	1.08772	1.082	0.102463	0.749731	-1.33381	0.598882	1.08932	1.08932		0.611421	0.920733	-1.08609	0.204654	1.24078	1.24078	0.902545	0.980448	-1.01994	0.658819	1.07425	1.07425	1.02346	0.4211448	0.365774	1
gi	19469087	TRRAP	0.492397	0.984417	0.990823	-1.00926	0.983782	1.00964	1.00964	0.935494	0.96251	-1.03895	0.0873102	0.4102	-2.43784	0.852555	0.915917	-1.0918		0.631564	0.796069	-1.25617	0.0848565	0.406753	-2.45849	0.962859	0.978258	-1.02223	0.147809	0.480466	-2.08131	1.02344	3.61198	3.1371	1
gi	21283174	ANGPT4	0.492424	0.446178	0.637491	-1.56865	0.425508	0.623867	-1.60291	0.226889	0.479226	-2.0867	0.348505	0.571438	-1.74997	0.567418	1.39812	1.39812		0.61283	0.743891	-1.34428	0.141202	0.395545	-2.52185	0.114652	0.164585	6.049302	0.1744424	0.144228	6.94224	4.7324	1
	CACNA1C;CACNA1C;CACNA1C;CACNA1																																			
gi	14301531	C;CACNA1C;CACNA1C;CACNA1C	0.492402	0.754554	1.1662	1.1662	0.164673	2.0683	2.0683	0.0752652	2.64048	2.64048	0.3682288	1.57306	1.57306	0.401184	1.51117	1.51117		0.527009	1.36918	1.36918	0.091275	0.248915	4.01935	0.194375	1.05473	1.05473	0.769013	1.1553	1.1553	1.02343	3.89539	3.38329	1
gi	6937569	PSD61C1	0.492411	0.771604	0.8816566	-1.13437	0.5403411	1.7025	1.7025	0.1557202	1.55661	1.55661	0.2607271	1.58374	1.58374	0.560237	0.7877	1.26953		0.8903125	1.09539	1.09539	0.0182782	0.97335	0.97335	0.8134101	-2.91459	0.465383	0.612241	-1.63334	0.62342	1.02343	2.50883	0.619964	1
gi	24212047	LOC399959	0.492416	0.449564	1.60114	1.60114	0.185073	2.35992	2.35992	0.0955487	3.06054	3.06054	0.351661	1.79597	1.79597	0.506922	1.50882	1.50882		0.203152	2.27202	2.27202	0.343396	1.81536	1.81536	0.0976889	3.03455	3.03455	0.423652	1.64743	1.64743	1.02341	0.04901	5.25392	1
gi	20948275	HIST3H2BB;HIST3H2A	0.492421	0.827357	0.818558	-1.22166	0.549424	1.74382	1.74382	0.516894	1.82363	1.82363	0.16368	0.552607	-3.95872	?	?			?	?	?	0.785516	1.28412	1.28412	0.486491	0.522273	-1.91471	0.13704	0.126555	-4.41403	0.014499	10.2794	10.1276	1
gi	23722408	FZD8	0.492428	0.817098	0.960222	-1.04166	0.749642	1.16368	1.16368	0.275309	0.818765	-1.22136	0.482332	0.881832	-1.134	0.671998	1.21913	1.21913		0.81505	0.959574	-1.04213	0.517822	1.1224	1.1224	0.170942	0.994484	-1.00555	0.066121	1.43768	1.43768	1.02339	0.5026589	0.436624	1
gi	23342234	CAPS;CAPS;CAPS;CAPS	0.492432	0.278821	0.608191	-1.64422	0.737359	0.861883	-1.16025	0.65044	0.817587	-1.22311	0.826438	0.907574	-1.10184	0.6642634	0.399248	-2.50471		0.088904	0.436645	-2.29019	0.824525	0.906585	-1.10304	0.291034	0.616393	-1.62234	0.33793	0.646452	-1.5469	1.02338	3.16097	2.74557	1
gi	20191426	MAP7D1	0.492433	0.989451	0.990751	-1.00935	0.435678	1.25622	1.25622	0.550265	1.18625	1.18625	0.370502	1.38182	1.38182	0.307168	1.18016	1.18016		0.262186	1.1862	1.1862	0.513362	0.667958	-1.51985	0.678629	1.301	1.301	1.301	1.002089	1.13177	1.13177	1.02333	6.64339	5.614942	1
gi	18780167	SIRPA;SIRPA;SIRPA	0.492448	0.221728	0.400087	-2.49946	0.657292	1.37503	1.37503	0.386862	1.88262	1.88262	0.695131	1.32435	1.32435	0.14187	0.324181	3.0847		0.395065	0.537259	-1.8613	0.290927	0.457632	-2.18516	0.218566	0.397318	-2.51688	0.741464	0.789668	-1.26635	1.02335	8.24542	7.16204	1
	PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCB																																			
gi	18195986	P2;PCBP2	0.492449	0.543572	0.588417	-1.69947	0.772979	1.28338	1.28338	0.561601	1.65905	1.65905	0.700679	0.716653	-1.39538	0.655645	0.678992	-1.47277		0.460942	0.523377	-1.91067	0.045778	0.138744	-7.20751	0.76176	1.29988	1.29988	0.186189	0.298527	-3.34978	1.02335	12.0586	10.4742	1
gi	6588087	ARAP2	0.492451	0.6998	0.944369	-1.05891	0.583993	0.921559	-1.08512	0.227215	1.20596	1.20596	0.155702	0.798997	-1.25157	0.648033	0.934357	-1.07026		0.161923	1.24685	1.24685	0.464223	0.895791	-1.11633	0.507276	0.905397	-1.10449	0.799977	1.03822	1.03822	1.02334	0.353703	0.307232	1
gi	29328261	PLXS1;PLXS1;PLXS1	0.492454	0.542474	1.84307	1.84307	0.543911	1.17661	1.17661	0.867077	1.13874	1.13874	0.167977	1.13874	1.13874	0.467733	0.877133	1.14007		0.373224	1.805269	1.805269	0.554254	1.19474	1.19474	0.0909317	1.54485	1.54485	0.0398048	1.55604	1.55604	1.02334	0.0800806	0.7902275	1
gi	18538821	LRP6;LRP6	0.492461	0.349892	1.35724	1.35724	0.148898	0.611766	-1.63461	0.824492	1.07305	1.07305	0.660521	1.1793	1.1793	0.570817	0.83373	-1.19943		0.246594	1.46906	1.46906	0.795365	0.920807	-1.086	0.153182	0.615353	-1.62508	0.957605	0.983266	-1.01702	1.02333	1.63318	1.41862	1
gi	18527133	LGR5	0.492465	0.225205	0.744766	-1.3427	0.202172	0.712322	-1.40353	0.942987	0.98559	-1.01468	0.506611	0.872727	-1.14583	0.0903133	0.649334	-1.5404		0.548855	1.15066	1.15066	0.856116	0.942388	1.06238	0.703851	1.07218	1.07218	0.440605	1.19954	1.19954	1.02331	0.862428	0.75348	1
gi	20163486	PAIS4	0.492469	0.0716348	0.366418	-2.73068	0.0973258	1.27229	1.27229	0.504752	0.93608	1.06308	0.307091	1.14916	1.14916	0.614083	0.95327	-1.06914		0.553743	0.08195	1.08195	0.0647785	0.160501	6.23072	0.0178952	1.76258	1.76258	0.0160609	-1.04301	1.0233	1.0233	0.28022	0.2434314	1
gi	20304293	PACRG;PACRG;PACRG	0.492471	0.19813	0.512551	-1.95103	0.380896	0.642975	-1.55527	0.786546	0.875133	-1.14268	0.766091	0.863639	-1.15789	0.127154	0.444567	-2.24938		0.103487	0.416854	-2.39802	0.512191	0.721335	-1.38632	0.418159	1.50162	1.50162	0.470024	0.696871	-1.43499	1.02331	3.91341	3.39936	1
gi	25667490	SLC44A5;SLC44A	0.492474	0.408655	1.01925	1.01925	0.0196517	1.28582	1.28582	0.0155025	1.42622	1.42622	0.546128	0.838517	-1.22172	0.279483	1.44573	1.44573		0.822756	1.07633	1.07633	0.196284	0.561738	1.78104	0.0115866	1.69259	1.69259	0.617481	1.17948	1.17948	1.02331	1.74201	1.51319	1
gi	20138950	CCDC61	0.492479	0.855619	1.05413	1.05413	0.474767	1.23415	1.23415	0.362799	1.31091	1.31091	0.720937	0.901388	-1.1094	0.0665289	1.81401	1.81401		0.20064	0.676217	-1.47881	0.40236	1.28154	1.28154	0.886062	1.04237	1.04237	0.793099	1.07869	1.07869	1.02329	1.35774	1.17941	1
gi	18423210	UNC13A	0.492481	0.481621	1.38444	1.38444	0.3555	1.16613	1.16613	0.707291	1.01882	1.01882	0.0972482	0.8718123	1.04009	0.0408392	1.24073	1.24073		0.958823	1.31611	1.31611	0.0482733	1.83089	1.83089	0.0154009	1.18393	1.18393	0.0129439	1.25449	1.25449	1.02329	0.1294975	0.1104459	1
ch.12.28849881	EIF4G1	0.492491	0.0719168	0.329191	-3.03775	0.467251	1.664239	-1.50548	0.0886642	0.353918	-2.82551	0.543151	0.711487	-1.40551	0.179755	0.454751	2.19901		0.688867	1.800436	-1.24932	0.300328	0.552341	-1.81047	0.627737	0.763184	-1.3103	0.417822	0.632605	-1.58077	1.02327	4.95718	4.30618	1
gi	17371294	CDL23A1	0.492494	0.510582	0.863631	-1.15763	0.192893	0.739153	-1.3529	0.656969	0.906615	-1.103	0.351997	1.23378	1.23378	0.109281	0.681806	-1.46669		0.79108	0.943412	-1.05998	0.259574	1.26833	1.26833	0.678415	1.09577	1.09577	0.833873	1.04714	1.04714	1.02327	0.779677	0.627289	1
gi|20936744	TMEM129	0.492499	0.821661	1.02464	1.02464	0.209167	1.20184	1.20184	0.756643	1.14572	1.14572	?	?	?	?	?			?	?	?	?	?	0.6640901	1.75484	1.75484	0.548223	0.475906	-2.10125	1.01613	1.35169	1.35169	1.02326	1.84789	1.36236	1
gi	18050907	TMPRSS7;TMPRSS7	0.492502	0.618485	1.2568	1.2568	0.374378	1.39365	1.39365	0.460352	1.40805	1.40805	0.398672	1.48201	1.48201	0.305266	0.616735	-1.62144		0.428009	1.44543	1.44543	0.0596485	2.6318	2.6318	0.295558	1.63859	1.63859	0.43406	1.43822	1.43822	1.02325	3.35909	2.91801	1
gi	20957185	KLHDC9;KLHDC9;KLHDC9	0.492503	0.659383	1.49272	1.49272	0.2683012	1.83202	1.83202	0.0209786	1.00778	1.00778	0.282096	2.34141	2.34141	0.715861	1.39104	1.39104		0.509202	1.696322	1.696322	0.0225218	0.475552	2.10259	0.0125615	1.92218	1.92218	0.475552	2.10259	1.95872	1.95872	1.02325	13.2106	11.4759	1
gi	20936012	SHISA5	0.492506	0.511489	0.577894	-1.73042	0.198127	1.06512	1.06512	0.285906	2.49101	2.49101	0.701957	0.903302	-1.10705	0.302093	0.41316	-2.42037		0.905292	0.906632	-1.10298	0.126474	0.256308	-3.90516	0.895353	0.897293	-1.11446	0.459798	0.538065	-1.85851	1.02324	10.9903	9.54725	1
gi	28753391	TNXB	0.492511	0.257503	0.612805	-1.63184	0.827167	0.913366	-1.09485	0.222297	0.587699	-1.70155	0.561168	0.783876	-1.27571	0.309787	0.646896	-1.54584		0.772018	0.886569	-1.12794	0.0331873	0.356353	-2.80621	0.501545	0.753758	-1.32669	0.840772	0.920016	-1.08694	1.02324	2.78326	2.41783	1
	C5orf25;C5orf25;C5orf25;C5orf25;C5or																																			
gi	27449758	f25;C5orf25	0.492528	0.507077	1.24684	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1121 vs. N)	Fold-Change(1 vs.1121)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1477 vs. N)	p-value(1477 vs. 1047)	p-value(1477 vs. 1050)	p-value(1477 vs. 1111)	p-value(1477 vs. 1127)	p-value(1477 vs. 1121)	p-value(1477 vs. 1217)	p-value(1477 vs. 1353)	p-value(1477 vs. 1537)	p-value(1477 vs. 1563)	F(Error)
cg08298809	HPCAL1;HPCAL1	0.462812	0.417396	0.694196	0.462812	-1.44052	0.402492	0.685675	-1.45842	0.772073	0.879924	-1.13646	0.810532	0.904252	-1.10589	0.136733	0.493594	-2.02535	0.246648	0.158506	-1.77051	0.0912084	0.440728	-2.26897	0.305699	0.459152	-2.17793	0.59489	0.78948	-1.26666	0.02269	0.14186	2.73081	1
cg11554771	HES3	0.492817	0.93908	0.981265	-1.01909	0.295779	1.30629	1.30629	0.294841	1.30842	1.30842	0.402119	0.808823	-1.23636	0.276401	1.32331	1.32331	-1.32331	0.484915	0.838944	-1.19197	0.263802	0.750572	-1.33232	0.513025	0.848615	-1.17839	0.296714	1.30696	1.30696	0.992657	0.861925	1
cg03305709	RPS27A;C2orf63;RPS27A;RPS27A;C2orf 63	0.492822	0.815526	1.05891	1.05891	0.457836	0.830954	-1.20344	0.0686372	1.64743	1.64743	0.742818	1.08399	1.08399	0.788874	0.936375	-1.06795		0.838295	1.05132	1.05132	0.573983	0.870108	-1.14928	0.1280231	1.49633	1.49633	0.7455555	0.923342	-1.08302	1.02267	0.971747	0.844629	1
cg01886810	CDC16;CDK16;CDK16	0.492823	0.511935	0.744514	-1.34316	0.0507907	2.68319	2.68319	0.202745	1.81509	1.81509	0.624379	0.803414	-1.24469	0.942364	1.03259	1.03259		0.993392	1.00368	1.00368	0.510731	0.743869	-1.33432	0.996534	1.00193	1.00193	0.849544	0.919218	-1.08788	1.02267	0.18628	2.76947	1
cg26281559	SLC27A1	0.492825	0.75094	1.08493	1.08493	0.234587	1.37569	1.37569	0.341352	1.28531	1.28531	0.830967	1.05625	1.05625	0.515693	1.1838	1.1838	-1.1838	0.520513	1.18545	1.18545	0.422601	0.830833	-1.2333	0.109582	0.693813	-1.56296	0.361453	1.27144	1.27144	0.02666	0.146546	0.922611	1
cg06402055	ALDOA	0.492828	0.342864	0.473716	-2.11097	0.523967	1.63846	1.63846	0.419985	0.532612	-1.87754	0.866855	0.879596	-1.13689	0.81591	0.836689	-1.19519		0.312379	2.22332	2.22332	0.321557	0.457038	-2.188	0.48372	1.72317	1.72317	0.0937813	0.244399	-4.09567	1.02266	9.46805	8.22957	1
cg15447097	C12orf24	0.492842	0.455874	1.04929	1.04929	0.484602	1.18248	1.18248	0.0600402	0.970984	-1.02999	0.832364	0.951208	-1.05129	0.643226	1.13674	1.13674		0.112958	1.50251	1.50251	0.275699	1.30683	1.30683	0.757855	0.92963	-1.07571	0.146029	0.691911	-1.44527	1.02262	0.902008	0.784047	1
cg20539524	C4orf23	0.492849	0.430504	1.17981	1.17981	0.607332	1.1124	1.1124	0.158873	1.75285	1.75285	0.913828	0.978372	1.02211	0.443382	0.851638	1.17421		0.919526	0.979447	-1.02098	0.0838995	1.47156	1.47156	0.466059	1.16466	0.876418	1.0325	1.0325	1.02266	0.683949	0.594507	1
cg01944444	TUBB	0.492852	0.803493	1.02211	1.02211	0.810414	0.961528	-1.04001	0.691694	1.06723	1.06723	0.872134	0.974049	-1.02664	0.0776742	1.37728	1.37728		0.792669	0.95795	-1.0439	0.223248	0.811475	-1.23232	0.725349	1.05927	1.05927	0.168219	1.27089	1.27089	1.02261	0.431587	0.375149	1
cg06302295	GDT2	0.492865	0.62953	1.79961	1.79961	0.21807	2.62611	2.62611	0.418165	1.4632	1.4632	0.617866	1.68812	1.68812	0.933256	1.02926	1.02926		0.604524	0.78633	1.27273	0.164	0.504968	1.98012	0.302391	1.85745	0.853613	1.08869	1.08869	1.02259	3.42811	2.97988	1
cg00171195	18;CDK11B 18;CDK11B;CDK11B;CDK11B;CDK1 1B	0.492872	0.229225	0.836794	-1.19504	0.349705	0.872895	-1.14561	0.303163	1.16255	1.16255	0.441534	0.895096	-1.1172	0.63098	1.07074	1.07074		0.686094	1.95006	1.95006	0.460758	0.899384	-1.11187	0.112348	0.7834	-1.27649	0.729045	1.05033	1.05033	1.02258	1.33297	0.280745	1
cg12963866	ZNF805;ZNF805	0.492877	0.581697	1.61021	1.61021	0.359306	2.24599	2.24599	0.35041	2.28247	2.28247	?	?	?	0.195006	0.306683	-3.2607		0.636439	1.50302	1.50302	0.287949	0.38731	-2.58191	0.313638	0.408422	-2.44845	0.608742	0.642809	-1.55567	1.02637	10.3365	8.81202	1
cg05083020	PCSK1N	0.492881	0.326086	0.537249	-1.86134	0.0656056	0.281962	-1.55201	0.0492795	0.495598	-2.01776	0.244996	0.684573	-1.46291	0.117403	0.587432	-1.70233		0.637194	0.861097	-1.16022	0.896726	0.960191	-1.04146	0.795605	1.08455	1.08455	0.587215	0.842427	-1.18705	1.02237	1.58448	1.37762	1
cg09925166	CDC34	0.492883	0.670748	1.10847	1.10847	0.379004	0.761667	-1.31705	0.627852	1.21523	1.21523	0.403829	1.22885	1.22885	0.754777	0.937324	-1.07937		0.809074	0.943368	-1.06003	0.550246	0.864545	-1.15668	0.133663	1.47632	1.47632	0.20442	0.724343	-1.38056	1.02253	0.939106	0.816372	1
cg24077076	PTPRN2;PTPRN;2-PTPRN2	0.492915	0.766559	0.851049	-1.17502	0.850079	0.902568	-1.10795	0.182969	2.15011	2.15011	0.877565	1.0871	1.0871	0.374395	0.610222	-1.63875		0.936646	1.04401	1.04401	0.968392	0.978763	-1.0217	0.625957	1.30488	1.30488	0.0562513	0.309999	-3.22582	1.0225	4.75267	4.13163	1
cg16657886	SYT8	0.492924	0.470966	0.907545	-1.10187	0.632522	0.938258	-1.06581	0.0317387	0.736375	-1.35522	?	?	?	0.755667	0.959548	-1.04216		0.686042	0.947661	-1.05557	0.691629	0.896545	-1.11775	0.56122	0.993588	-1.00545	0.668837	1.05807	1.05807	0.249571	0.246361	1
cg09736934	CBFA2T2;CBFA2T2;CBFA2T2	0.492952	0.401751	0.563399	-1.77583	0.704264	0.806534	-1.23896	0.675808	0.788777	-1.26779	0.666734	0.783287	-1.27667	0.622605	0.258051	-3.47161		0.577487	0.728134	-1.37337	0.0637871	0.308885	-3.23745	0.767041	0.845784	-1.18233	0.659816	0.779011	-1.28368	1.02243	5.14705	4.47476	1
cg26576206	ABCA3 MIR19A;MIR17HG;MIR17HG;MIR17;MI R17	0.492955	0.788902	0.796592	-1.25535	0.143576	3.78799	3.78799	0.906981	1.10413	1.10413	0.870072	0.870467	-1.14881	0.372459	0.460258	-2.17269		0.698255	0.718821	-1.39117	0.0763676	0.1881	-5.31632	0.710698	1.37127	1.37127	0.491856	0.553427	-1.80692	1.02243	11.6293	10.1104	1
cg07235355	R18A	0.492963	0.934784	0.968906	-1.03209	0.880306	0.9435	-1.05988	0.20243	0.602357	-1.66015	0.157971	1.79077	1.79077	0.102516	1.9929	1.9929		0.404285	1.3901	1.3901	0.942074	0.380224	1.02844	0.959372	0.98053	-1.01986	0.526671	1.28094	1.28094	1.02241	2.41225	2.09722	1
cg12935118	SMARCA1;SMARCA1	0.492971	0.146633	0.205337	-4.86753	0.175563	0.623238	0.166168	0.0234782	0.334876	0.858394	0.0857765	0.65761	0.65761	0.0819689	1.24512	1.24512		0.151181	0.128893	-7.75838	0.0124373	0.113652	1.13652	0.0855	0.205674	0.826778	1.339	1.339	1.02224	0.228729	24.9765	1
cg14633800	GABBR2	0.492977	0.724535	1.21871	1.21871	0.203896	2.11615	2.11615	0.137481	2.44535	2.44535	0.8893	0.9251	-1.08096	0.0987688	0.363523	-2.75086		0.838864	1.12055	1.12055	0.771788	1.17653	1.17653	0.964837	0.975657	-1.02495	0.716605	1.22604	1.22604	1.02239	5.06014	4.39941	1
cg03137177	CBS	0.492989	0.875739	0.952227	-1.05017	0.654692	0.868642	-1.15122	0.0492795	0.495598	-2.01776	0.244996	0.684571	-1.46291	0.117403	0.587432	-1.70233		0.637194	0.861097	-1.16022	0.896726	0.960191	-1.04146	0.795605	1.08455	1.08455	0.587215	0.842427	-1.18705	1.02237	1.58448	1.37762	1
cg04663720	RAB11B	0.493001	?	?	?	0.44569	2.2867	2.2867	0.0234782	2.15233	2.15233	0.87438	0.93438	-1.07037	0.153723	0.97434	-1.02604		0.809053	0.934938	-1.06003	0.550246	0.864545	-1.15668	0.133663	1.47632	1.47632	0.20442	0.724343	-1.38056	1.02253	0.939106	0.816372	1
cg08319788	C17orf61	0.493012	0.199365	0.854123	-1.17079	0.730428	0.960577	-1.04104	0.344197	1.11997	1.11997	0.598324	0.940052	-1.06377	0.700753	0.956089	-1.04593		0.944882	0.868095	-1.15195	0.0664647	0.787152	-1.2704	0.961736	1.00559	1.00559	0.946694	1.00781	1.00781	1.02233	0.218947	0.190369	1
cg19663137	SIDT2	0.493038	0.860356	0.884115	-1.13067	0.653522	0.938258	-1.06581	0.0317387	0.736375	-1.35522	?	?	?	0.755667	0.959548	-1.04216		0.686042	0.947661	-1.05557	0.691629	0.896545	-1.11775	0.56122	0.993588	-1.00545	0.668837	1.05807	1.05807	0.249571	0.246361	1
cg01397793	XYLT1	0.493038	0.840962	0.950551	-1.05191	0.634035	1.12678	1.12788	0.658542	1.11806	1.11806	0.618811	1.13412	1.13412	0.552095	0.859893	1.16294		0.0993803	0.5734	1.5734	0.084207	0.165507	1.61507	0.506153	0.844283	-1.18444	0.0859418	0.965448	1.03579	1.02228	2.01943	0.886409	1
cg21070846	SAP25	0.493038	0.88315	0.961063	-1.04051	0.218277	0.704902	-1.41864	0.347596	0.77016	-1.29843	0.796512	1.07227	1.07227	0.904967	1.03278	1.03278		0.409314	1.25593	1.25593	0.0999749	1.62702	1.62702	0.374721	0.781896	-1.27894	0.579451	0.859705	-1.16319	1.02228	1.18064	1.02659	1
cg19304913	IL17RA	0.493043	0.254643	1.12869	1.12869	0.0934416	1.39348	1.39348	0.0883572	1.25653	1.25653	-1.0826	0.499717	0.646993	1.11647	1.11647	1.11647		0.867421	1.04073	1.04073	0.0153874	1.38788	1.38788	1.80798	0.87295	-1.01249	1.04227	0.958567	0.987663	-1.01249	1.04227	0.924326	0.803726	1
cg23767840	EPN2;EPN2;EPN2	0.49305	0.901452	0.928313	-1.07272	0.259961	1.02462	1.02462	0.70406	1.12087	1.12087	0.3827	1.1826	1.1826	0.336839	0.551921	-1.81185		0.880225	0.913461	-1.09474	0.42138	0.610755	-1.63732	0.0759803	1.27202	1.27202	0.783685	1.17962	1.17962	1.02226	5.83417	5.07302	1
cg00639933	ZIE04	0.493058	0.726041	1.09356	1.09356	0.553663	1.02338	1.02338	0.166168	1.60274	1.60274	0.863736	0.874736	1.01744	0.693173	1.44473	1.44473		0.987223	1.08393	1.08393	0.610546	0.888013	1.14511	0.0855	0.980013	1.01111	0.654194	0.907551	1.03446	1.02224	0.84617	0.764887	1
cg00168015	PHACTR1	0.493058	0.800588	1.08917	1.08917	0.548146	1.22763	1.22763	0.0939772	0.537153	-1.86167	0.117761	0.563669	-1.77409	0.70729	0.880465	-1.13576		0.384539	1.35106	1.35106	0.556552	0.818164	-1.22225	0.513032	0.807225	-1.23881	0.970793	1.01243	1.01243	1.02224	1.84397	1.60342	1
cg03465157	FAM181B	0.493062	0.502382	0.800925	-1.24856	0.927981	0.97095	-1.02992	0.482743	0.792448	-1.26191	0.224972	1.51526	1.51529	0.441877	0.774362	-1.29139		0.288938	1.43186	1.43186	0.170376	1.60984	0.842436	1.06536	1.06536	0.290769	0.699416	-1.42976	1.02223	1.72162	1.49705	1
cg05639679	KIAA1529	0.493064	0.86292	0.958866	-1.04313	0.691822	1.12713	1.12713	0.933059	1.02151	1.02151	0.443461	0.824047	1.02744	0.29372	0.814061	-1.24		0.543902	0.82464	1.21248	0.0688159	1.44584	1.44584	0.587099	1.4222	1.4222	1.15127	1.5148	1.5148	1.5149	1.02223	0.951692	0.875551	1
cg13664579	RALGDS DMTF1;DMTF1;DMTF1;DMTF1;DMTF1; DMTF1	0.493068	0.14407	0.76165	-1.31294	0.769365	1.051	1.051	0.742999	0.945847	-1.05725	0.43087	0.872078	-1.14669	0.631178	0.921304	-1.08542		0.302987	0.833081	1.20036	0.0650089	0.693816	-1.4413	0.76511	1.052	1.052	0.842763	1.03415	1.03415	1.02184	0.453982	0.287192	1
cg07560681	DMTF1;DMTF1	0.493076	0.303631	0.82443	-1.21296	0.198898	1.27889	1.27889	0.403067	1.16772	1.16772	0.84966	0.966199	-1.03498	0.45664	1.14725	1.14725		0.831998	1.03925	1.03925	0.298894	0.822752	-1.21543	0.940968	1.13311	1.13311	0.156568	1.31599	1.31599	1.02221	0.531578	0.462248	1
cg00098553	RASA3	0.493085	0.275764	0.893766	-1.11886	0.469857	1.07555	1.07555	0.249051	0.887501	-1.12676	0.970265	1.0037	1.0037	0.661314	1.04464	1.04464		0.141346	1.16962	1.16962	0.837508	0.979864	-1.02055	0.687333	0.960713	-1.04089	0.21924	1.13654	1.13654	1.02219	0.158861	0.138144	1
cg16573814	GNG8	0.493087	0.512706	0.833804	-1.20007	0.377758	0.844143	0.844143	0.0994268	0.977253	-1.02312	0.0923	0.723239	1.03693	0.853403	1.54205	1.54205		0.744022	0.729292	1.37093	0.0440219	0.940222	1.54025	0.0509996	-1.1763	0.187916	2.60692	2.60692	1.02219	7.63441	6.63797	1
cg18717967	PRAGMIN	0.493088	0.781122	0.828625	-1.20682	0.189584	0.391497	-2.5543	0.826097	0.861695	-1.1601	0.413279	1.75855	1.75855	0.458544	0.608855	-1.6643		0.895873	0.915422	-1.09239	0.176214	0.378912	-2.63914	0.0802575	0.269022	-3.70478	0.829204	1.15697	1.15697	1.02219	1.73788	6.41229	1
cg27141120	WDR16;STXB;WDR16	0.493096	0.257557	0.843353	-1.18579	0.264143	1.22114	1.22114	0.324454	1.17685	1.17685	0.823084	1.16783	1.16783	0.694893	1.08209	1.08209		0.383762	0.4706	2.12554	0.0246188	0.683218	1.46688	0.183008	0.874403	1.14276	1.79497	1.79497	1.30645	1.02217	1.79497	1.30645	1.30645	1.30812	1
cg24449445	CRYGN	0.493101	0.504556	0.848727	-1.17823	0.449375	0.829687	-1.20527	0.580839	1.14463	1.14463	0.480618	1.18964	1.18964	0.357992	0.79537	-1.25728		0.805519	0.942002	-1.06157	0.0718616	1.62696	1.62696	0.592942	1.13962	1.13962	0.438285	0.82573	-1.21105	1.02216	0.949693	0.825868	1
cg20702965	IQUB	0.493113	0.114594	0.629208	-1.60043	0.376368	1.28489	1.28489	0.113178	1.64473	1.64473	0.782342	1.07951	1.07951	0.887731	0.962082	-1.03941		0.974419	1.00889	1.00889	0.451009	0.97447	1.24792	0.787477	1.07942	1.07942	0.423026	1.25526	1.25526	1.02214	1.12466	1.07344	1
cg25439973	RAD21L1	0.493126	0.401943	0.61813	0.61813	0.938031	1.04459	1.04459	0.998594	1.00099	1.00099	0.8227443	0.91593	0.917593	0.795395	1.20626	1.20626		0.513698	1.14502	1.14502	0.258938	1.33431	1.33431	0.679739	0.97711	0.967751	1.15185	1.15185	1.02212	1.50529	0.43114	2.75107	1
cg07147285	CCDC113;CCDC113	0.493127	0.572231	0.814479	-1.22778	0.733962	0.884565	-1.1305	0.287329	0.672171	-1.48772	0.489418	1.28722	1.28722	0.143699	0.568421	-1.75926		0.736194	0.885518	1.12928	0.343673	1.42013	1.42013	0.242132	1.553	1.553	0.449901	1.31896	1.31896	1.02212	2.09294	1.82014	1
cg08259985	NECAB3;NECAB3	0.493135	0.741731	1.12868	1.12868	0.439416	1.31948	1.31948	0.882722	1.04714	1.04714	0.919386	1.02737	1.02737	0.724874	0.917299	-1.0939		0.867421	1.04073	1.04073	0.0153874	1.38788	1.38788	1.80798	0.87295	-1.01249	1.04227	0.958567	0.987663	-1.01249	1.04227	0.924326	0.803726	1
cg16150053	ITPKA	0.493137	0.873657	0.932882	-1.07195	0.0403947	2.81129	2.81129	0.14693	1.97312	1.97312	0.550115	1.30209	1.30209	0.616029	1.24701	1.24701		0.63783	1.22999	1.22999	0.961398	0.981239	-1.01912	0.854073	1.0837	1.0837	0.630982	0.809532	-1.23528	1.0221	1.08555	2.68341	1
cg06422189	HLA-B	0.493139	0.197969	0.559687	-1.78675	0.0854286	0.441842	0.441842	0.0525128	0.941263	0.969161	-1.03166	0.966021	0.983189	-1.01715	0.267474	1.64002	1.64002	0.827624	0.911888	-1.09687	0.976889	0.888873	-1.01271	0.795997	0.896188	-1.11584	0.238211	0.590838	-1.69251	0.10547	2.67344	2.05851	1
cg17161266	VWC2	0.493145	0.827462	1.14521	1.14521	0.0422418	4.27966	4.27966	0.0114955	2.64263	2.64263	0.647243	1.74703	-1.54501	0.677187	1.29712	1.29712		0.915995	1.06776	1.06776	0.462123	1.70373	1.70373	0.780266	1.18979	1.18979	0.935554	0.950874	-1.05154	1.02208	0.25013	0.543563	1
cg05826823	CIZ1;DNM1;DNM1;CIZ1	0.493145	0.682589	1.2165	1.2165	0.102347	2.34457	2.34457	0.0894813	2.4378	2.4378	0.810084	1.1216	1.1216	0.156315	0.860391	-1.16226		0.521207	1.36332	1.36332	0.366567	0.642659	-1.55604	0.479583	1.40856	1.40856	0.927269	0.957416	-1.04448	1.02208	3.6777	3.19844	1
cg18624348	PBXIM8	0.493145	0.875753	0.94113	0.94113	0.559373	1.05195	1.05195	0.24761	1.24761	1.24761	0.293711	1.78349	1.78349	0.0819744	1.30744	1.30744		0.892817	0.93628	1.08268	0.387625	0.934061	-1.07059	0.774452	0.960268	-1.04162	-1.1082	0.271666	1.37533	1.37533	1.02208	1.09196	1.09196	1
cg18159684	ADN;LAZIN1	0.493154	0.997031	1.00118	1.00118	0.638787	2.86108	-1.16133	0.053975	0.50055	-1.9978	0.330842	0.728022	-1.33758	0.404685	0.763587	-1.30961		0.592332	0.842824	-1.18649	0.324507	1.37972	1.37972	0.589303	0.841625	-1.18818	0.291118	0.707117	-1.41419	1.02207	1.62004	1.40894	1
cg21108075	C1orf51;C1orf51	0.493165	0.564151	1.12815	1.12815	0.383496	1.203	1.203	0.353908	1.21806	1.21806	0.910863	1.01824	1.01824	0.807845	1.04041	1.04041		0.744604	1.12783	1.12783	0.830979	1.04353	1.04353	0.913684	1.12068	1.12068	0.952005	0.992379	0.992379	1.02208	1.02268	1.02072	1
cg24139916	SNORD104;SNORA76	0.493169	0.908482	0.94201	1.04202	0.279864	2.0457	2.0457	0.123253	1.81769	1.81769	0.891316	0.952248	-1.05015	0.243424	1.54781	1.54781		0.664332	1.16913	1.16913	0.146356	0.790405	1.43046	0.0925	0.758866	1.11756	1.11756	1.02204	2.07344	1.80332	1
cg17513219	AGPAT5;AGPAT5	0.493169	0.809873	0.928042	-1.07754	0.889174	0.957721	-1.04415	0.717455	1.11917	1.11917	0.13932	1.63716	1.63716	0.0682195	1.88258	1.88258		0.46728	1.25756	1.25756	0.354193	0.74429	-1.34356	0.592401	1.18227	1.18227	0.676704	1.13874	1.13874	1.02204	1.55383	1.3514	1
cg14187204	ZNF313;ZNF313;ZNF313;ZNF133	0.493317	0.268272	1.30777	1.30777	0.0914416	2.25134	2.25134	0.0894622	1.90601	-1.10745	0.0783648	0.888681	-1.12374	0.364047	0.760141	1.64041	1.64041	0.744604	1.12843	1.12843	0.811747	0.74037	-2.48775	0.81663	1.1398	1.13896	1.04105	1.115	1.115	1.02204	0.597287	0.441756	1
cg03837982	ANKS3	0.493175	0.499395	1.19362	1.19362	0.206179	1.41087	1.41087	0.653448	0.888881	-1.12374	0.386047	1.25782	1.25782	0.284162	1.33269	1.33269		0.954117	1.04196	1.04196	0.079809	1.6517	1.6517	0.396476	0.799204	-1.25125	0.599104	1.14675	1.14675	1.02203	1.07855	0.938045	1
cg22049894	DPM1;DPM3	0.493176	0.042428	0.555053	-1.80162	0.50562	0.781551	1.26126	0.0159	1.70519	1.70519	0.931659	1.10641	1.10641	0.288772	0.67552	-1.48078		0.643176	0.79599	1.3802	0.518398	1.02902	1.29798	1.3802	1.02601	1.21601	1.03577	1.04073	1.04073	1.02203	1.04073	0.938045	1
ch.1.25545598	SLC25A24;SLC25A24	0.493188	0.141017	0.259238	-3.85746	0.399297	0.481832	-2.07541	0.815506	1.21789	1.21789	0.258437	2.72021	2.72021	0.41992	0.498032	2.0079		0.663101	1.45124	1.45124	0.686346	0.709946	-1.40856	0.436579	0.511083	-1.95663	0.167219	0.281045	-3.55815	1.03538	11.412	8.57272	1
cg16709342	CTTN;CTTN	0.493194	0.939041	0.947151	1.04715	0.631776	4.33766	4.33766	0.31268	1.8758	1.8758	0.957743	0.968588	-1.03243	0.363449	1.75518	1.75518		0.694755	1.26813	1.26813	0.800509	1.61475	1.61475	0.917361	1.06451	1.06451	0.414999	0.605402	-1.65179	1.022	1.87233	5.10751	1
cg24117376	MAD2L2;C1orf187;MAD2L2	0.493196	0.172889	0.497916	-2.00917	0.319179	0.996127	-1.00309	0.958895	1.18725	1.18725	0.772653	1.27618	1.27618	0.0676214	1.36329	1.36329		0.606724	1.16255	1.16255	0.753853	0.958542	-1.04225	0.55388	1.24315	1.24315	0.469458	1.42262	1.42262	1.02199	1.37513	1.22987	1
cg08703553	BUB1	0.493201	0.7364	1.0538	1.0538	0.0984049	0.754952	-1.32459	0.85162	0.972059	-1.02874	0.364197	0.865354	-1.1556	0.542364	0.908785	-1.10037		0.268423	1.19575	1.19575	0.829799	1.03395	1.03395	0.339919	0.858524	-1.16479	0.345941	1.16246	1.16246	1.02198	0.389327	0.338625	1
cg16531603	A1CF;A1CF;A1CF	0.493205	0.59402	1.25776	1.25776	0.115901	1.47153	1.28503	0.201638	1.29452	-1.15399	0.402899	1.58751	1.58751	0.810857	1.82742	-1.14618		0.336883	1.77624	1.77624	0.170437	1.07437	1.07437	0.335844	0.814446	-1.22783	0.830979	1.04353	1.04353	0.913684	1.02268	1.02268	0.952005	0.992379	0.992379	1.02198	1.59874	1.45992	1
cg09162148	PCNXL3	0.493212	0.877104	0.868661	-1.1512	0.105502	0.99823	0.943123	0.0423199	0.93652	0.83662	0.773803	0.769365	-1.29977	0.985074	0.983123	1.01717		0.672192	1.38445	1.38445	0.140741	0.940741	1.40741	0.404015	1.25327	1.25327	0.759005	1.32167	1.32167	1.02196	13.3992	11.6544	1
cg06135755	KLHL25;KLHL25	0.493225	0.229072	0.24725	2.4725	0.514243	1.607	1.607	0.255177	2.34434	2.34434	0.603905	0.687

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	F(Error
4593467	DICER2		0.4693606		0.1878102		0.1704047		0.1442036		0.3441091		0.7820201		1.27874		0.8447322		0.952777		1.04956		0.1511097		1.47124		1.47124		0.4579338		1.20887		1.20887		0.5004422		1.18433		1.18433		0.6259442		1.1312		1.1312		0.8444754		1.05043		1.02425		1.01867		0.8866442	
4593457	PARD3B;PARD3B;PARD3B		0.4693606		0.9493102		0.9713382		-1.02951		0.750721		0.8643337		-1.15696		0.0384466		0.3338858		-2.99528		0.3127788		0.6202266		-1.61221		0.4022044		0.6756513		1.48014		0.2310987		0.565114		-1.76955		0.717148		0.84669		-1.18107		0.5866008		1.2855		1.2855		0.8931193		0.940432		-1.06338		0.102125		3.38434		2.94571	
4593450	DUSP7		0.4693611		0.1605221		2.93277		2.93277		0.8968897		1.097511		1.09751		0.7541521		1.25292		1.25292		0.2273589		2.48201		2.48201		0.4710666		0.5908366		-1.69252		0.2566124		0.1483		0.1483		0.5248822		0.7296		-1.17061		0.6629041		0.3105961		0.3105961		0.5154165		4.82352	
4593452	NECW1		0.4693615		0.3133551		1.69297		0.6375421		1.284661		1.284661		1.284661		1.267533		0.543524		-1.83985		0.7432761		1.18944		1.18944		0.4886779		0.6808369		-1.44962		0.8752335		0.7296		-1.17061		0.6629041		0.3105961		0.3105961		0.5154165		4.82352	
4593462	CYB561D1		0.4693618		0.4296629		0.623796		-1.60309		0.380837		0.5930869		-1.69242		0.136294		0.390797		-2.55887		0.2415735		0.20493		0.20493		0.6970289		0.7953113		-1.25737		0.8790071		0.4196925		0.6972185		1.26725		1.16275		0.179578		2.30339		2.30339		0.9153057		1.03301		1.03301		0.1202123		5.54165		4.82352	
4593622	FOLH1		0.4693622		0.3351889		0.847841		-1.17947		0.7098661		1.06404		1.06404		0.2622955		1.21425		1.21425		0.6832312		1.07052		1.07052		0.569652		0.9008071		-1.10014		0.6756226		0.932492		-1.0724		0.0588577		0.7016		-1.42531		0.6627558		1.0756		1.0756		0.9334001		1.03198		1.03198		0.2122122		0.4461559		0.3883846	
4593622	SMYD3;SMYD3		0.4693622		0.237699		0.6027336		-1.6591		0.2111146		0.5831195		-1.71469		0.6344471		0.8217976		-1.21658		0.6132841		0.817323		-1.23195		0.0649253		0.4820123		-2.33589		0.5735572		0.792342		-1.26208		0.0954475		0.47249		-2.11645		0.4662369		0.738255		-1.35455		0.64831		0.8286471		-1.20679		0.10222		2.70967		2.35855	
4593623	RIF1		0.4693627		0.7218611		1.11396		1.113961		0.2049291		0.703571		-1.42132		0.6564536		0.8885321		-1.12545		0.531952		1.21451		1.21451		0.5189091		1.216201		1.13629		0.827504		1.067553		1.06753		1.0684481		1.76935		1.76935		0.167428		1.59273		1.59273		0.833342		1.06513		1.06513		0.1012121		1.45012		1.26322	
4593463	GTF2B		0.4693631		0.237878		0.6894115		-1.45051		0.517		1.2185		1.21851		0.1674745		0.156578		-1.01754		0.559291		-1.6866		0.1681254		0.0994		0.6319883		1.15621		1.15621		0.1990244		1.00066		1.00066		0.5464445		1.20153		1.20153		0.8647		1.05264		1.0534		1.0534		0.1212		0.2837666		0.2460999	
4593463	SEPT3;SEPT3;SEPT3;SEPT3		0.4693633		0.32365		0.8736095		-1.14456		0.2026669		1.195011		1.19501		0.4407154		1.10808		1.10808		0.2797006		0.8616595		-1.1605		0.1871151		1.20347		1.20347		0.4242277		0.8975471		-1.11415		0.8883382		0.9815751		-1.01878		0.6069666		0.9335579		-1.07115		0.69594		1.0534		1.0534		0.1212		0.2837666		0.2460999	
4593463	STK10		0.4693633		0.2699318		0.838421		-1.19292		0.2869053		0.7245696		1.38056		0.2410221		0.7582		1.31917		0.7561		1.32206		0.756117		1.32206		0.4749071		0.7344824		1.36128		0.1226029		0.2751358		0.63428		0.9707705		-1.02135		0.937434		0.9415961		0.2920817		0.2920817		0.9503888		3.27249	
4593463	SPIB;SPIB		0.4693633		0.3051997		0.7534237		-1.32727		0.6975596		0.9011015		-1.10974		0.387284		0.1268656		1.26656		0.0878078		0.604422		-1.65503		0.885233		0.103926		1.03926		0.7494548		1.08916		1.08916		0.2827776		0.742593		-1.34663		0.6381439		0.8813335		-1.13464		0.350491		1.29207		1.29207		0.102		1.50002		1.00102	
4593464	GLTSCR1		0.4693641		0.164551		0.947709		-1.0457		0.4586337		0.7121		1.40593		0.2862551		0.580564		1.58064		0.6176317		1.2312		1.2312		0.3426215		0.4987896		1.00561		0.6852884		1.0191		1.0191		0.8980861		1.11862		0.9114415		0.955052		-1.04706		0.1122118		2.25182		2.40402	
4593464	KCNF1		0.4693646		0.444224		0.47797		-2.09218		0.0797219		0.178595		-5.59526		0.2812228		0.3464497		-2.88626		0.6461		0.645592		-1.54897		0.3129417		0.6489		-1.68539		0.5122746		-1.95028		0.752653		1.3488		1.3488		0.5927697		1.66686		1.10169		12.7576		12.61027	
4593469	CBFA2T3;CBFA2T3		0.4693649		0.2708532		0.220313		-4.54277		0.655554		1.35725		1.35725		0.344281		1.9387		1.9387		0.93662		0.947328		-1.0556		0.9322802		0.168417		1.06817		1.06817		0.724665		0.786001		-1.27206		0.231947		0.2345		-4.26717		0.2331133		0.743596		1.25022		1.25022		0.6329558		0.720829		-1.38729		0.120117		7.4867		6.51689	
4593465	ZMZ1		0.4693655		0.0803945		0.4458844		-2.32243		0.3065423		0.5976379		-1.5839		0.38018		0.676309		-1.47861		0.7566064		0.873648		-1.17094		0.4422614		0.4240504		-2.34184		0.7729843		0.427014		-2.34184		0.7729843		0.4240504		-2.34184		0.7729843		0.427014		-2.34184		0.7729843		0.4240504		-1.1505		0.6495885		0.819773		-1.21985		0.02116		3.5208		2.65759	
4593469	EFNB2		0.4693669		0.582754		1.44266		1.44266		0.6369976		1.3689		1.3689		0.4779946		1.61053		1.61053		0.50745		1.55922		1.55922		0.5148895		0.6464383		-1.54683		0.2270308		2.31129		2.31129		0.0568444		4.1526		4.1526		0.2209941		2.33957		2.33957		0.798397		0.8444451		-1.1842		0.120113		7.05642		6.14256	
4593672	?		?		?

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. 117 vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. 127 vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. 217 vs. N)	Fold-Change(1 vs.217T)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(1 vs.347T)	p-value(353T vs. 537 vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. 537 vs. N)	Fold-Change(5 vs.537T)	p-value(5637 vs. 637 vs. N)	Fold-Change(5 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14700739	C2ACAP1	0.4943404	0.1338901	-1.19936	0.3564235	0.939283	-1.06464	0.97569	1.0362	1.0362	0.558871	1.20869	0.20869	0.0442514	1.0396274	-23.2351	0.931154	1.086292	-1.1281	0.6633548	0.542557	-1.84312	0.7409562	0.5930329	-1.69483	0.2659994	0.1980064	0.5408387	1.01998	31.525	27.4732	
cg00518698	ITSN1;ITSN1;CPLX1	0.4943408	0.717488	1.08869	0.7906768	1.06212	1.06212	0.564033	1.14613	1.14613	0.708948	0.9160451	-1.09165	0.670812	1.10516	1.10516	0.6605548	1.10888	1.10888	0.6968624	0.652598	-1.53144	0.104182	1.51506	1.51506	0.4683222	1.18835	1.10998	0.8835626	0.7699575	1
cg17901858	KCNA10	0.4943311	0.4703863	0.760119	-1.31558	0.6601055	0.8475512	-1.17992	0.2889915	1.5079	1.5079	0.593705	0.8176311	-1.22304	0.4223336	0.736044	-1.35862	0.3222285	0.6822811	-1.46567	0.1425871	1.80276	1.80276	0.2689112	1.53809	1.53809	0.9126406	1.04191	1.04191	0.1099	2.2586	1.96834	
cg19927100	CDR22B	0.4943313	0.3136321	1.05668	1.05668	1.137903	0.4448035	-2.25207	0.7736836	1.57383	1.15783	0.7654603	1.16424	1.16424	0.8805685	0.9250614	-1.07932	0.8479447	0.907058	-1.10247	0.6568224	2.998044	2.998044	0.9192115	1.052901	1.052901	0.5009414	1.41563	1.41563	0.13994	4.17141	3.635444	
cg13559436	NOTCH1	0.4943342	0.8462697	0.935995	-1.06838	0.272128	0.677325	-1.4764	0.1954075	0.627103	-1.59463	0.863225	1.0731	1.0731	1.0031865	0.543178	-1.84102	0.3105561	0.08529	-1.08529	0.3843317	1.35528	1.35528	0.7127337	1.13433	1.13433	0.471206	1.2837	1.28378	0.01991	1.87644	1.63538	
cg15468251	TLX1NB	0.4943343	0.3444904	0.790053	-1.26574	0.4210273	1.220091	-1.23006	0.5393345	1.1623	1.1623	0.877613	0.9633911	-1.0378	0.240452	1.3464	1.3464	0.8543866	1.04547	-1.04547	0.1133003	0.6755318	1.48035	0.8390015	1.05046	1.05046	0.2208879	1.36542	1.36542	0.10991	0.9461119	0.8245774	
cg01519238	HSF1;BOP1	0.4943344	0.9824432	1.00416	1.00416	0.163691	1.323442	1.323442	0.2854733	1.23262	1.23262	0.861597	0.9676337	-1.03345	0.368764	1.1901	1.1901	0.9005994	0.976716	-1.02384	0.14129	0.742123	-1.34749	0.9704422	0.9930334	-1.00701	0.2655121	1.24477	1.24477	0.10991	0.9461119	0.5744124	0.50037	1
cg14375797	HLA-DPB1	0.4943356	0.255301	1.92797	5.937797	0.6181997	1.37663	-1.37663	0.3744131	0.18187	-5.49842	0.247832	0.16831	0.16831	0.0952894	0.6042188	-15.5718	0.9230357	0.865282	-1.15569	0.6910306	1.8144	1.8144	0.878172	0.794726	-1.25829	0.96355	0.9193841	-1.07085	0.91989	36.2387	31.584	1
cg07992377	OSBPL5;OSBPL5;OSBPL5	0.4943357	0.545308	0.5133776	-1.94795	0.1978632	0.8936583	-1.11896	0.2865832	0.299533	-3.33854	0.738134	1.44121	1.44121	0.507507	0.480763	-2.08003	0.6418282	0.6003338	-1.66573	0.078747	0.119237	-8.38569	0.2502331	3.70164	3.70164	0.2088363	-1.34601	0.10989	19.1652	16.7035	1
cg07918634	ELOVL7;ELOVL7	0.4943361	0.7257784	0.8443369	-1.18432	0.8594433	1.08889	1.08889	0.73816	0.851145	-1.13489	0.0881107	0.4049303	-2.46973	0.474839	0.705304	-1.41783	0.9739661	1.0158	1.0158	0.5461148	1.34102	1.34102	0.1127353	2.2918	2.2918	0.77763	1.1457	1.1457	0.11988	3.727774	3.24806	1
cg16797691	SOX21	0.4943365	0.7830256	0.9340955	-1.07055	0.5766578	0.9016554	-1.11543	0.7545511	1.06264	1.06264	0.9368524	0.793293	1.260303	0.8262399	1.210311	-2.07772	0.7070197	1.075813	-1.08233	0.7502045	1.299511	1.299511	0.2129451	1.00256	1.00256	0.9636889	1.00886	1.00886	0.97987	0.6606023	0.5381096	1
cg21721155	HADH	0.4943366	0.1173738	0.9318377	-2.55182	0.91839	0.945112	-1.05808	0.314263	0.563692	-1.77402	0.544597	0.7113363	-1.40181	0.110656	0.3838868	-2.60506	0.426124	0.639152	-1.56457	?	?	?	0.234189	0.5031129	-1.98756	0.770251	1.54504	1.17504	1.03035	0.43536	4.37113	1
cg21321885	NDE1;NDE1	0.4943367	0.151622	0.2396163	-4.51134	0.2722705	0.757988	-1.31945	0.4423759	2.19725	2.19725	0.67012	0.6643211	-1.50595	?	?	?	0.734781	1.36485	1.36485	?	?	?	?	?	0.2719313	3.6778	3.010324	1.03208	9.30628	9.01916	1
cg22471695	FGD1;FGD1	0.4943437	0.0728897	0.08269651	-12.0924	0.412101	0.3513737	-2.84303	0.6174897	0.934016	-1.8726	0.161763	0.43366	0.4368144	1.33237	1.33237	1.33237	0.35291	0.303926	-3.29027	0.98817	1.01864	1.01864	0.8384448	0.77542	-1.28962	0.951126	0.9264272	-1.07936	0.91986	25.0744	21.8542	1
cg03053553	RABGAP1L	0.4943476	0.0567349	0.0990558	-10.0951	0.210071	0.242663	-4.12095	0.417888	2.42906	2.42906	0.994675	1.00718	1.007184	0.845282	1.23301	1.23301	0.6014054	1.759155	1.75955	0.577961	1.62736	1.82736	0.9455109	1.07603	1.07603	0.646655	1.6094	1.60948	0.12985	18.5649	16.1809	1
cg07569575	SUT1;MIR585	0.4943933	0.923788	1.081891	0.8334277	1.72455	1.724551	1.72455	0.8007	0.891832	1.123094	1.123094	1.123182	1.123182	0.788148	0.8202391	-1.2442	0.9151368	1.09164	1.09164	0.8402861	1.242	1.242	0.9388034	1.39874	-2.50794	0.9910663	1.00926	1.00926	0.91982	0.9461119	0.8245774	
cg18980410	ARIOSB	0.4943995	0.4132115	0.6159044	-1.62363	0.1099444	0.3638038	-2.74874	0.116799	0.372618	-2.68371	0.967671	0.9767997	-1.02375	0.643434	0.7632665	-1.31016	0.6488506	0.7667424	-1.30422	0.1885981	0.4461732	-2.24128	0.5871471	1.37387	1.37387	0.650647	1.30231	1.30231	0.10982	5.42153	4.72549	1
cg27634501	STX12;STX12	0.4944	0.5166637	1.137239	1.135295	0.5612265	1.120203	1.120202	0.6241227	1.09999	1.09999	0.7621027	1.060313	1.060313	0.5093391	0.8777185	-1.14001	0.6858484	0.924442	-1.08171	0.1216457	0.7234	-1.38236	0.51696	1.13549	1.13549	0.115875	1.39065	1.39065	0.11981	0.6013855	0.5243181	1
cg20979206	HSPA1B	0.4944402	0.515121	1.189461	1.1893647	0.7436843	0.6368861	-1.57014	0.6576037	0.811565	-1.23219	0.7353382	1.18392	1.18392	0.6367565	1.262728	1.2728	0.2175554	0.521873	-1.91617	0.6424884	1.26213	1.26213	0.0719174	0.361788	-2.76405	0.4830552	0.700847	-1.42685	1.03036	3.96309	2.98376	1
cg07246798	KIF17;KIF17	0.4944415	0.0959379	0.6266227	-1.59585	0.885429	0.9636816	-1.03754	0.485421	0.834265	-1.19866	0.153904	0.6769007	-1.47731	0.610375	0.876902	-1.14038	0.3881778	0.7975655	-1.25368	0.22566	1.38438	1.38438	0.775031	0.92937	-1.076	0.5883318	0.8609623	-1.14992	1.01978	1.05536	0.9199002	1	
cg23574752	C16orf57	0.4944421	0.906468	0.9971669	-1.00298	0.9332767	1.0249	1.0249	0.9429324	1.12095	1.12095	0.4436566	0.8282299	1.208221	0.3381221	1.34491	1.34491	0.2705911	0.8262394	-1.21031	0.07774272	0.6225757	1.93945	0.7079397	0.9944545	-1.00555	0.7302658	0.8110932	-1.08551	1.01977	0.9080855	0.7919079	1	
cg20051177	TCF20;TCF20	0.4944421	0.4308826	0.9499396	-1.82018	0.0919375	0.398273	-2.98273	0.0895141	0.403283	0.403283	0.894744	0.9061061	-1.10362	0.84973	0.8662243	-1.15175	0.7337661	0.775458	-1.28956	0.911615	0.9206518	-1.08623	0.5255573	1.61467	1.61467	0.991502	0.9920998	-1.00776	0.9911277	0.96125	7.81111	1	
cg27527798	ELFN1	0.4944435	0.8887509	1.064228	1.0643	0.6254566	1.254642	1.254642	0.3966	1.188778	1.188778	0.2228	0.8898445	1.115762	0.9495466	1.01955	1.01955	0.5653113	0.8384	1.19288	1.19288	1.193488	1.193488	1.193082	1.1257	1.1257	0.8888	?	0.2719313	3.010324	3.010228	0.30628	0.91916	1	
cg26473833	DOCK1	0.4944442	0.59056	1.23897	1.23897	0.430348	1.37378	1.37378	0.386991	0.704802	-1.41884	0.182009	0.5719361	-1.74845	0.863318	0.934281	1.07034	0.80366	0.9064	-1.10327	?	?	?	0.359115	0.6893152	-1.45064	0.107022	0.4995509	-2.00196	1.01022	2.21353	2.19115	1	
cg17514098	SCARB1;SCARB1	0.4944448	0.915814	0.9777787	-1.02272	0.750594	1.07009	1.07009	0.972021	0.992577	-1.00748	0.316892	1.24584	1.24584	0.522718	1.14754	1.14754	0.332233	0.808552	-1.23678	0.04182001	1.64617	1.64617	0.838053	0.957664	-1.04421	0.836797	0.957127	-1.04479	1.01972	0.7288055	0.635376	1	
cg02170979	GSTA1	0.4944451	0.5900072	0.8733514	0.1781134	1.2052	1.2052	1.2052	0.7246	1.14913	-1.25219	0.7353382	1.18392	1.18392	0.6367565	1.262728	1.2728	0.2175554	0.521873	-1.91617	0.6424884	1.26213	1.26213	0.0719174	0.361788	-2.76405	0.4830552	0.700847	-1.42685	1.03036	3.96309	2.98376	1
cg14759931	KCNG2	0.4944451	0.2147332	0.471384	-2.12141	0.7075501	0.804492	-1.24236	0.881815	0.917902	-1.08944	0.758768	0.8374651	-1.19408	0.131725	0.391829	-2.55214	0.635117	0.759365	-1.31689	0.3722361	0.590078	-1.69469	0.04585856	0.267676	-3.73586	0.917204	0.941879	-1.06171	1.01972	5.35524	4.66817	1
cg22015128	SYT2;SYT2	0.4944453	0.672472	0.9238384	-1.07714	0.745281	1.05862	1.05862	0.324761	0.809577	-1.23521	0.30073	0.8293118	-1.2061	0.419307	1.15512	1.15512	0.851883	0.967863	-1.0332	0.6027299	0.699338	-1.42992	0.572129	0.905054	-1.10491	0.531135	1.11724	1.11724	0.10971	0.49321	0.429933	1
cg04403740	SLC25A14;SLC25A14;SLC25A14;SLC25A	0.4944457	0.137329	0.138053	-7.24359	0.1631096	0.158567	-6.30649	0.6560612	0.574231	-1.74146	0.253411	0.37494	0.37494	0.9315518	1.11221	1.11221	0.164047	0.159236	-6.28	0.6872911	0.6061033	-1.64983	0.9769333	0.9648857	-1.03642	0.7134007	0.6550166	-1.52656	1.01971	24.7262	21.5541	1
cg34524451	ADCK2	0.4944466	0.753798	1.1216	0.7437396	0.6165697	0.7574575	-1.39467	0.7107724	1.204328	1.12405	0.7424924	1.12405	1.12405	0.7424924	1.120864	-1.61552	0.4129324	1.19204	1.19204

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1317 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg09604017	REL	0.4956096	0.8382821	0.9434449	1.05994	0.209171	1.45802	0.145802	0.3576895	1.29472	1.29472	0.134253	0.6316694	-1.58304	0.217822	0.691225	1.44671	0.703952	0.806953	-1.11489	0.461968	0.807903	-1.23777	0.731164	1.10323	0.102323	0.725763	1.10552	0.10855	1.30898	1.14235	1
cg27236825	C15orf37;ST20;ST20	0.4956105	0.263979	1.485543	1.485543	0.857181	1.06313	1.063313	0.418809	0.755216	1.326453	0.0434258	2.2019	2.2019	0.814874	1.08297	1.08297	0.865675	0.944088	-1.05922	0.765053	0.903161	-1.10722	0.396048	1.14363	1.34363	0.950823	0.979258	-1.02118	1.018153	1.863407	1.625931	1
cg18133934	BCR;BCR	0.4956108	0.2100091	0.762623	-1.31126	0.0751557	1.501644	1.501644	0.8301112	1.04507	1.04507	0.534174	0.878822	-1.13789	0.586853	0.893531	-1.11916	0.360043	0.824425	-1.21297	0.675324	0.917201	-1.09027	0.573714	0.889914	-1.1237	0.708251	1.08018	1.08018	1.018553	0.679053	0.592622	1
cg07664312	PIK3CD; CABYR;CABYR;CABYR;CABYR;CABYR;CA	0.5636063	0.79151	1.26341	0.507525	1.308861	1.308861	0.9315	1.035043	1.035043	0.9654411	1.03175	1.03175	1.075975	0.562003	-1.77928	0.377135	0.695633	-1.43768	0.0688971	0.442522	-2.25977	0.656211	1.190513	1.19653	0.349583	0.680035	-1.47051	1.018252	2.58706	2.2578	1
cg26349976	BYR	0.4956127	0.82156	1.02028	1.10208	0.540542	0.76599	-1.3055	0.144524	0.508466	-1.96284	0.628286	1.23358	1.23358	0.102222	0.484203	-2.06525	0.3406	0.65536	-1.52588	0.679843	0.83648	-1.19549	0.640419	1.22437	1.22437	0.342192	0.523163	1.52363	1.018494	2.98646	2.60643	1
cg02499814	BAHCC1	0.4956138	0.73986	0.807797	-1.23793	0.0673396	3.7178	3.7178	0.073947	3.5814	3.5814	0.956564	0.965713	-1.0355	0.699916	1.28157	1.28157	0.72181	1.25734	1.25734	0.50136	1.54825	1.54825	0.887196	0.913093	-1.09518	0.9268851	0.942877	-1.06058	0.18947	0.618356	5.77627	1
cg17721710	SLC30A10	0.4956139	0.8509021	0.891367	-1.12197	0.538508	1.39784	1.39784	0.9152399	0.944188	-1.05889	0.451163	0.661736	-1.51118	0.543024	0.718111	-1.39254	0.63346	0.772305	-1.29483	0.690914	0.806586	-1.23979	0.118375	2.48884	2.48884	0.022152	2.61737	2.61737	0.10847	4.66569	4.07206	1
cg24838063	PIWIL1	0.4956152	0.902408	0.8731	-1.14534	0.635712	1.09534	1.695534	0.6568833	1.63995	1.63995	0.617909	0.5733115	-1.74424	0.0765502	0.840774	1.84067	0.243695	3.85508	3.85508	0.97565	0.966799	-1.03434	0.152667	5.5443	5.4442	0.53503	0.499082	-2.00368	0.018545	28.7397	17.2286	1
cg04855107	FOXO3;FOXO3	0.4956159	0.0394558	0.572405	-1.74701	0.778961	0.936224	-1.06812	0.750555	0.928023	-1.07756	0.445793	1.19964	1.19964	0.738894	1.0815	1.0815	0.808096	0.944603	-1.05865	0.778351	0.936048	-1.06832	0.484006	1.18126	1.18126	0.350781	0.798578	-1.25223	0.18644	0.884757	0.772214	1
cg19839138	KIF14	0.4956161	0.7791555	0.8447197	-1.18406	0.5149149	1.5158	1.5158	0.3753883	1.11414	1.11414	0.615294	0.9167776	1.03078	0.9626265	1.08746	1.08746	0.894089	1.02554	1.02554	0.94772	1.03133	1.03133	0.602345	1.11056	1.11056	0.969312	0.992068	-1.00757	0.018443	0.588289	0.513459	1
cg05614904	RAB6B;RAB6B	0.4956166	0.5101037	0.863173	-1.15852	0.288527	1.274662	1.274662	0.6056637	1.12154	1.12154	0.896207	1.02916	1.02916	0.29994	1.29537	1.29537	0.124944	1.44164	1.44164	0.437589	0.839972	-1.19052	0.384695	0.821782	-1.21687	0.388448	1.2149	1.2149	1.018842	0.782284	0.682784	1
cg09027985	ATP6V1;ATP5G1	0.4956167	0.3373307	0.8637314	-1.15777	0.928883	1.101325	1.101325	0	?	?	0.796955	1.03875	1.03875	0.632625	0.9134605	-1.07365	0.4908515	1.10894	1.10894	0.5648153	1.36519	1.36519	0.462618	0.8895374	-1.11585	0.847465	1.0288	1.0288	1.021291	0.306	0.2630308	1
cg07572815	TRIM11	0.4956242	0.9630948	0.9654552	-1.03579	0.6632419	4.88119	4.88119	0.0613464	4.95181	4.95181	0.721838	1.31654	1.31654	0.888263	0.8988407	-1.11259	0.986336	0.987088	-1.01308	0.8008272	1.21142	1.21142	0.892437	1.10813	1.10813	0.920155	1.07906	1.07906	1.018491	9.2892	8.10777	1
cg00744550	ATG4B;ATG4B	0.4956172	0.137405	0.4539558	-2.20285	0.624907	0.764095	-1.27536	0.587071	0.762862	-1.31085	0.459267	0.689385	-1.45037	0.0520708	0.3359937	-2.97675	0.444507	1.46927	1.46927	0.874005	0.924656	-1.08142	0.91212	1.01797	1.01797	0.751403	0.854808	-1.16985	0.31841	3.93007	3.43024	1
cg12141850	DPNB31;DPNB31	0.4956185	0.611074	1.38017	1.38017	0.586443	0.708134	-1.41216	0.726215	0.803824	-1.24716	0.31188	1.52951	1.52951	0.507765	0.6516051	-1.53467	?	?	?	?	1.18845	1.18845	0.0585604	0.126186	-3.82668	0.768836	1.2034	1.2034	1.008844	5.60578	5.55665	1
cg23521980	CD47;CD47;CD47	0.4956188	0.1403384	1.36798	1.36798	0.1040019	1.42061	1.42061	0.762367	1.06173	1.06173	0.67999	0.921341	-1.08537	0.481182	0.8681819	-1.15192	0.392965	1.18869	1.18869	0.433873	0.854079	-1.17085	0.91304	0.978654	-1.02181	0.714546	0.930011	-1.07526	0.18939	0.629274	0.549257	1
cg05807157	PRKAG2	0.4956189	0.9383337	0.976682	-1.02387	0.306818	1.38074	1.38074	0.570246	1.19119	1.19119	0.792789	0.922855	-1.08359	0.83468	1.0658	1.0658	0.659926	0.872188	-1.14654	0.0229767	2.15971	2.15971	0.97475	1.10989	1.10989	0.937943	1.02832	1.02832	0.10838	1.40988	1.30916	1
cg26660115	KHDRBS3	0.4956189	0.2090863	0.4226644	-2.36866	0.559966	0.681546	-1.46725	0.633574	0.731702	-1.36668	0.954888	1.03748	1.03748	0.0155452	1.41442	1.41442	0.420767	1.70744	1.70744	0.0174288	2.047129	-2.04648	0.608024	1.40004	1.40004	0.135228	1.55354	1.55354	0.10838	6.82399	5.95828	1
cg17491185	ASAP3;ASAP3	0.4956221	0.234425	1.43207	1.43207	0.754381	0.915539	-1.09464	0.783962	0.923872	-1.0824	0.770848	1.08779	1.08779	0.309208	0.7384939	-1.35421	0.720119	1.10923	1.10923	0.684068	0.8888606	-1.1251	0.053079	0.530843	-1.88379	0.763228	0.916632	-1.09095	0.18332	1.33889	1.16871	1
cg04100840	GRIP1	0.4956224	0.847742	0.869383	-1.11859	0.446434	0.9558	-1.0462	0.718218	0.80838	-1.23738	0.414038	1.02734	1.02734	0.489173	0.9680016	-1.03312	0.25953	0.503706	-1.98529	0.40861	0.620395	-1.61684	0.274889	0.515651	-1.93929	0.425423	1.60728	1.60728	0.018732	5.48219	4.78539	1
cg16199098	TXN2	0.4956237	?	?	?	0.127887	3.25967	3.25967	0.98854	0.99003	-1.01007	0.898251	1.08937	1.09337	?	?	?	0.175902	0.358205	-2.7917	0.971469	1.02526	1.02526	0.735467	1.2673	1.2673	0.385696	1.87006	1.87006	0.102693	5.86316	4.8938	1
cg04114145	RTN3;RTN3;RTN3;RTN3	0.4956252	0.2503548	0.7124151	-1.40368	0.291522	0.7340898	-1.36222	0.9878854	0.9865365	-1.01361	0.412241	1.256755	1.256755	0.36716	0.7404176	-1.35071	0.158978	0.3985	-2.50965	0.363635	0.7395566	-1.38973	0.170208	0.7724458	-1.29457	0.7793002	1.184699	1.184699	1.018027	0.3817	0.2272293	1
cg22738586	PRCD	0.4956255	0.285012	0.51488	-1.9422	0.676016	0.777842	-1.28561	0.530362	0.683896	-1.46221	0.893235	1.0835	1.0835	0.0359393	0.2325544	4.30025	0.451692	0.632325	-1.58147	0.382467	0.585438	-1.70812	0.793036	0.854551	-1.17021	0.198739	0.444054	-2.25198	0.18526	5.76256	5.0304	1
cg26806924	PROCR	0.4956274	0.110003	0.3902219	-2.56266	0.288949	0.513264	-1.94689	0.16618	0.4504153	-2.22018	0.244408	0.517967	-1.93053	0.164755	0.441248	-2.2663	0.499709	0.6906158	-1.4479	0.242284	0.516289	-1.9369	0.366122	0.60557	-1.65134	0.263281	0.533595	-1.8776	0.18823	4.70599	4.10822	1
cg07468618	MFN2;MFN2	0.4956286	0.8097329	0.9163127	1.09122	0.542469	0.7081334	-1.41256	0.7226455	0.8018324	-1.24716	0.31188	0.9255	1.02951	0.507765	0.6516051	-1.53467	0.7537115	1.33267	1.33267	0.1635	1.41479	1.41479	0.0585604	0.126186	-3.82668	0.768836	1.2034	1.2034	1.008844	5.60578	5.55665	1
cg04206144	ZFHX4	0.4956291	0.722346	0.6513391	-1.53518	0.642974	1.75213	1.75213	0.877747	1.20315	1.20315	0.977655	1.03422	1.03422	0.132702	1.1424	-2.02245	0.7998434	0.736932	-1.35698	0.0418304	0.0597027	-16.7497	0.749076	0.680072	-1.47043	0.894095	1.17354	1.17354	1.182	23.2769	20.3208	1
cg26002101	DLX2	0.4956302	0.635868	1.10928	1.10928	0.426947	1.19288	1.19288	0.282435	1.07548	1.07548	0.2	1.27489	1.27489	0.935396	0.9825227	-1.01778	0.9989598	0.999618	-1.00038	0.542481	0.154586	1.15466	1.15466	0.394978	0.742249	-1.34726	0.356131	0.813526	-1.22922	0.129374	1.42803	1.42803	0.018318	0.762404	0.665592	1
cg02407746	C11orf48;METTL12;SNORA57;METTL12	0.4956305	0.525881	2.10539	2.10539	0.996718	1.00478	1.00478	0.740388	1.46984	1.46984	0.581917	1.9043	1.9043	0.655163	1.68317	1.68317	0.540975	2.04799	2.04799	0.519158	2.13179	2.13179	0.09527	0.119665	-8.35664	0.106459	1.70486	1.70486	1.01817	21.6355	18.8883	1
cg24056269	CTAS;KTCA4	0.4956315	0.98155	1.00462	1.00462	0.9838	1.14141	1.14141	0.342391	1.12801	1.12801	0.642723	0.9561681	1.01414	0.941344	0.9709532	-1.03004	0.1636464	0.2975387	0.0561481	0.0	1.22167	1.22167	0.899195	1.10684	1.10684	0.518414	1.31402	1.31402	0.14721	1.14721	1.14721	1
cg27403965	MAN2B1	0.4956366	0.404202	1.46535	1.46535	0.199736	1.83393	1.83393	0.140799	2.03234	2.03234	0.405484	1.40642	1.40642	0.208355	1.65166	1.65166	0.721707	1.17363	1.17363	0.96188	1.02163	1.02163	0.0805763	2.38113	2.38113	0.200414	1.82207	1.82207	1.01806	3.21326	2.82128	1
cg05680308	KLF10	0.4956367	0.21925	0.6647253	-1.50453	0.3177	0.8933	0.8933	0.618585	0.802575	-1.246	0.444374	0.8688448	0.868284	0.336388	1.151652	1.151652	0.84769	0.7476	1.33763	0.5313441	-1.88203	0.143274	0.588049	-1.69892	0.6767714	0.800371	1.15026	1.15026	1.018004	1.3801	1.15004	1
cg21446102	DNM1L;DNM1L;DNM1L	0.4956375	0.1287793	0.7606018	-1.31472	0.193369	1.25788	1.25788	0.707425	0.939086	-1.06487	0.333544	0.846824	-1.18088	0.764391	0.95113	1.05138	0.26204	1.21525	1.21525	0.80227	1.04271	1.04271	0.715125	1.06301	1.06301	0.532603	0.9	1.11111	1.01805	0.4480009	0.391172	1
cg21166781	GSTA1	0.4956378	?	?	?	0.332833	0.654384	-1.52816	0.644843	0.821171	-1.21777	0.436075	1.40114	1.40114	?	?	?	0.0846233	2.24569	2.24569	0.563682	0.78306	-1.27704	0.747956	1.14667	1.14667	0.87266	0.934177	-1.07046	0.996259	2.21134	2.53674	1
cg20313013	TMCC3	0.4956385	0.7234635	-1.74316	-1.40368	0.291522	0.7340898	-1.36222	0.9878854	0.9865365	-1.01361	0.412241	1.256755	1.256755	0.36716	0.7404176	-1.35071	0.158978	0.3985	-2.50965	0.363635	0.7395566	-1.38973	0.170208	0.7724458	-1.29457	0.7793002	1.184699	1.184699	1.018027	0.3817	0.2272293	1
cg16010827	CAMSAP1L1	0.4956388	0.849227	1.04933	1.04933	0.318022	0.770596	-1.2977	0.700576	0.906874	-1.10269	0.660362	0.8941653	-1.11836	0.949986	1.016	1.016	0.0547884	0.57633	-1.73512	0.479343	1.19952	1.19952	0.419704	0.811737	-1.23193	0.192738	0.705568	-1.4175	0.10802	1.03193	0.901031	1
cg01023808	TECPR1	0.4956391	0.951966	1.052112	1.052112	0.81896	1.12354	1.12354	0.7995858	0.924	1.082432	0.7995858	1.106332	1.106332	0.9450992	1.0574071	0.93522	0.4767824	0.632093	-1.58205	0.959505	1.048351	1.048351	0.982353	0.9675955	1.03111	1.03111	0.982803	0.958098	1.03511	1.03511	1.018203	0.648819	0.654895	1
cg15756091	RGS1	0.4956392	0.350719	0.6122116	-1.63341	0.727782	1.19544	1.19544	0.304503	0.580865	-1.72157	0.741969	0.829141	-1.20607	0.1451	0.449617	-2.22441	0.273764	0.558887	-1.78927	0.286969	0.568457	-1.75915	0.170815	0.474719	-2.10651	0.120629	0.423181	-2.36305	0.10802	1.20765	3.67394	1
cg13558105	C10orf71;C10orf71	0.4956397	0.77617	0.8344559	-1.19853	0.10579	3.07232	3.07232	0.155808	2.6241	2.6241	0.495902	0.644515	-1.55155	0.360264	0.550166	-1.81763	0.646286	1.34728	1.34728	0.412281	1.70329	1.70329	0.634539	0.737696	-1.35557	0.831679	1.14479	1.14479	0.01801	6.50734	5.68199	1
cg25122107	RPTOR;RPTOR	0.4956406	0.3039664	1.2777	1.2777	0.351995	1.11412	1.11412	0.1211321	1.24025	1.24025	0.282853	1.08387	1.08387	0.0765092	1.307071	1.31522	-1.27239	0.4767824	0.632093	-1.58205	0.959505	1.048351	1.048351	0.982353	0.9675955	1.03111	1.03111	0.982803	0.958098	1.03511	1.03511	1.018203	0.648819	0.654895	1
cg18679544	ADAMTS14;ADAMTS14	0.4956408	0.604879	1.14256	1.14256	0.681525	1.11111	1.11111	0.441851	1.2217	1.2217	0.38247	0.795372	-1.25696	0.0760674	0.591648	-1.69102	0.274165	0.747857	-1.33715	0.671331	1.11514	1.11514	0.702354	0.90658	-1.10305	0.461	0.825605	-1.21123	0.10799	1.05118	0.917875	1
cg27521563	ADRB1	0.4956409	0.9572364	1.0129	1.0129	0.874407	1.02144	1.02144	0.33869	1.14506	1.14506	0.402614	1.347288	1.347288	0.0485328	0.8836403	-1.13161	0.6183706	0.7484	1.33607	0.1535	1.04737	1.04737	0.8307	1.15233	1.15233	0.646184	1.08458	1.08458	1.018206	0.4804669	0.3505091	1
cg17711717	CNTFR;CNTFR	0.4956411	0.0767724	0.4139662	-2.41568	0.123355	0.473342	-2.11264	0.617441	1.25314	1.25314	0.342209	0.644988	-1.55042	0.312511	0.6266161	-1.59703	0.984646	0.991414	-1.00866	0.524516	0.749017	-1.33508	0.346622	0.647722	-1.54387	0.988814	0.993738	-1.0063	0.10798	3.23739	2.82685	1
cg10221299	GPHAP2;GPHAP2	0.4956416	0.274005	0.5829194	-1.71545	0.104104	1.11412	1.11412	0.1211321	1.07025	1.07025	0.695393	1.08678	1.08678	0.594075	1.2805	1.2805	0.2630727	0.5750775	-1.7393	0.409851	0.7418	1.34958	1.34958	0.0468802	2.13242	-1.6956	0.763313	1.15253	1.15253	1.018297	3.62409	3.16532	1
cg14521552	SNORD116-7;SNORD116-5	0.4956416	0.480912	0.7078272	-1.41735	0.0660692	0.352093	0.856104	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7037375	0.829321	-1.21371	0.425139	0.6602104	-1.51034	0.337651	0.5	1.66996	0.649	0.773115	0.480434	1.08458	1.08458	1.018297	4.13232	3.6382	1
cg27630678	SHANK2	0.4956417	0.445736	1.32401	1.32401	0.14016	1.77371	1.77371	0.272682	1.51018	1.51018	0.590563	1.21667	1.21667	0.189445	0.60538	-1.65185	0.5699955	1.23034	1.23034	0.965899	1.01556	1.01556	0.319691	0.6898439	-1.44961	0.916331	1.03867	1.03867	0.10797	2.10197	1.83543	1
cg06308857	ATP2C1;ATP2C1;ATP2C1;ATP2C1	0.4956424	0.799498	0.9504152	1.05211	0.5176	1.14121	1.14121	0.5411293	1.08557	1.08557	0.738869	1.14127	1.14127	0.0894489	1.344014	-1.17949	0.3009071	0.654542	-1.52814	0.175085	0.846888	-1.18079	0.040097	0.492336	1.34941	1.34941	0.117796	0.25625	2.1876	1
cg11582993	HEATR1	0.4956424	0.1469308	1.06908	1.06908	0.797224	0.972998	-1.02775	0.134459	0.842341	-1.18717	0.23011	1.14582	1.14582	0.431831	1.08903	1.08903	0.435718	1.08822	1.08822	0.746581	0.966118	-1.03507	0.51997	0.933014	-1.0718	0.253084	1.1353	1.1353	1.01796	0.18221	0.159107	1
cg11008121	LOC285267	0.4956433	0.3924826	0.2675521	-3.73757	0.702089	1.76495	1.76495	0.325143	2.216724	2.216724	0.145416	2.230954	2.230954	0.642719	0.6420719	-1.55744	0.2130559	0.2097	-4.6922	0.315242	0.480056	0.491884	-2.03546	0.351486	-2.84506	0.280367	0.541289	0.541289	0.01794	36.5164	31.887	1
cg15697355	KHSRP	0.4956438	0.111174	0.5473633	1.82633	0.128878	2.38435	2.38435	0.0136503	2.41691	2.41691	0.328792	1.70518	1.70518	0.5889	1.15268	1.15268	0.367671	1.63225	1.63225	0.213976	1.9993	1.9993	0.709577	1.22153	1.22153	0.905778	1.0647	1.0647	1.01793	4.51979	3.94682	1
cg22290744	EVC2;EVC2	0.4956439	0.8759903	1.05651	1.05651	0.14776	1.727256	1.727256	0.764316	1.12105	1.12105	0.272361	1.49511	1.49511	0.500646	0.7858444	-1.27252	0.144468	0.57587	-1.73645	0.5921	1.02506	1.02506	0.825806	1.21094	0.9805	1.00086	1.00086	0.416863	0.746697	-1.33923	0.10793	1.99796	1.74468	1
cg21263997	CTTN;CTTN	0.4956444	0.829317	1.04565	1.04565	0.627348	1.42487	1.42487	0.183505	1.48637	1.48637	0.183633	1.21604	1.21604	0.809006	1.20626	-1.20626	0.2978355	0.2035	-4.91355	0.2075	0.7932	1.26126	1.26126	0.0409449	2.46956	1.3036	1.3036	0.0609258	0.828191	0.2074572	0.182247	1
cg14178013	PALM2-AKAP2;PALM2-AKAP2	0.4956451	0.81747	1.17319	1.17319	0.980884	0.983583	-1.01669	0.567399	1.49088	1.49088	0.549085	1.52019	1.52019	0.50912	0.629575	-1.58837	0.528444	0.643234	-1.55464	0.0519494	0.60786	0.60786	0.226843	2.40278	2.40278	0.409086	1.79195	1.79195	1.01791	7.6951	6.71974	1
cg03012288	MGAT4C	0.4956451	0.8802214	-1.13353	1.009188	0.27257	2.37257	2.37257	0.125441	2.27129	2.27129	0.138722	2.19969	2.19969	0.670241	1.23598	1.23598	0.7876525	1.78907	1.78907	0.0992453	2.8152613	-1.17287	0.0809053	1.76272	1.76272	0.128015	1.64771	1.64771	1.01791	3.94407	3.44416	1
cg04567179	ANAPC4	0.4956453	0.9657594	-1.09042	-1.01006	0.236967	1.33486	1.33486	0.916954	0.976755	-1.0238	0.539764	1.15571	1.15571	0.556547	0.870396	1.1489	0.189182	1.72307	1.72307	0.0203	1.38298	1.38298	0.0503182	1.13018	1.13018	0.130782	0.6833	-1.46349	0.047579	1.19784	1.19784	1.01791	0.876049	0.765012	1
cg00907288	SRGAP3;SRGAP3	0.4956454	0.201645	0.4806626	-2.08062	0.37983	0.612292	-1.63153	0.398326	0.625073	-1.59981	0.180044	0.461338	-2.16761	0.186924	0.467605	-2.13856	0.3819552	1.08409	1.08409	0.135802	0.417503	-2.39519	0.410302	0.632851	-1.58015	0.149757	0.432087	-2.31435	0.1079	4.75992	4.15662	1
cg20186141	PODXL;PODXL	0.4956455	0.2880256	0.4758596	-2.10095	0.223143	0.709323	-1.40922	0.837433	0.9847896	-1.01542	0.0	0.9	0.9	0.9	0.9	0.9	0.7387253	0.9074568	-1.10206	0.815902	0.907739	-1.10253	0.579408	0.8098821	-1.23466	0.644904	0.892316	-1.11126	0.549467	1.1209	1.1209	1.018297	0.572507	0.499945	1
cg16007381	TANC2	0.4956458	0.851668	0.952727	-1.04962	0.123439	0.649414	-1.53985	0.155602	0.674981	-1.48152	0.523964	1.18184	1.18184	0.536421	0.8504478	-1.17581	0.695006	1.10731	1.10731	0.949414	1.01655	1.01655	0.723431	1.09628	1.09628	0.144124	0.666356	-1.5007	1.0179	1.07892	0.942179	1
cg17918227	CADM1;CADM1	0.4956462	0.2558911	0.5981282	-1.67181	0.157233	1.157233	1.157233	0.4807804	1.16544	1.16544	0.4656017	1.14744	1.14744	0.644168	0.8884645	-1.12565	0.9460008	0.987829	-1.01232	0.845289	0.8027223	-1.24576	0.4844286	0.7085	0.8992316	-1.11206	0.7045979	1.4557	0.311686	2.20834	2.08738	1
cg21638219	HACL1;BTD	0.4956479	0.4869391	1.63791	1.63791	0.542106	1.53733	1.53733	?	?	?	0.562461	1.50345	1.50345	0.112036	3.55007	3.55007	?	?	?	?	?	?	?	0.749001	-1.33511	0.207949	1.58772	2.58772	1.03449	4.79083	3.85926	1
cg03131965	LOC100128164;LOC100128164	0.4956509	0.40255	0.878567	-1.13822	0.676517	1.06546	1.06546	0.581466	0.919303	-1.08778	0.727129	0.948435	-1.05437	0.113737	0.781671	-1.27931	0.919299	0.948061	-1.05443	0.305341	0.963184	-1.03832	0.259059	0.836989	-1.19476	0.054285	0.718883	-1.39105	0.1078	0.3681447	0.321518	1
cg12169568	FOXN3;FOXN3	0.4956519	0.1968389	0.7429125	-1.34591	0.891782	0.92382	-1.08356	0.152299	0.7906677	-1.26496	0.0	0.7906677	0.7906677	0.7	0.7	0.7	0.7096502	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1
cg18109941	PLXDC2;PLXDC2	0.4956512	0.2185554	1.22697	1.22697	0.97712	0.995477	-1.00454	0.216202	1.2284	1.2284	0.818053	0.9642333	-1.03709	0.272264	1.19797	1.19797	0.29604	0.842597	-1.18681	0.218536	0.815006	-1.22698	0.662321	0.9329	-1.07193	0.959514	1.00806	1.00806	1.0178	0.4027234	0.351717	1
cg29789384	K

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	df
cg05393408	STRN3;APAS1;STRN3;APAS1	0.495939	0.170025	0.709472	-1.25081	0.687465	1.06389	1.06389	0.486973	1.12422	1.8157E-05	0.964884	-1.03639	0.606093	-1.08291	1.08291	0.191566	1.600185	-1.23581	0.688084	0.940249	-1.06355	0.938114	1.23285	0.419591	1.13461	1.03703	0.377736	0.330144	1
cg25486145	CRTC1; CRTC1	0.495944	0.159206	0.310852	-3.21697	0.687942	1.36831	1.36831	0.834888	0.850357	-1.17598	0.373769	0.492098	-2.03212	0.145013	0.296549	1.372113	0.269888	0.409724	-2.44067	0.0926645	0.237609	-4.2086	0.557644	0.630944	-1.58493	0.4621	0.559116	-1.78854	1.01702	9.7153	8.49132	1
cg02778467	RGPD1;RGPD2;PLGLB1;PLGLB2	0.495952	0.0956706	0.47305	-2.11394	0.806229	1.10574	1.10574	0.33515	1.50156	1.50156	0.65868	1.1994	1.1994	0.402966	0.704654	-1.41914	0.675805	1.18769	1.18769	0.19067	1.76253	1.76253	0.623664	0.816881	-1.22417	0.793353	0.898191	-1.11335	1.017	2.6943	2.35489	1
cg27530257	CAR12	0.495956	0.855292	1.05301	1.05303	0.940924	0.979242	-1.02121	0.284002	0.729758	-1.37032	0.618173	0.867418	-1.15285	0.359541	0.765964	-1.30558	0.265173	1.719869	-1.3874	0.0723866	1.76387	1.76387	0.667801	0.884986	-1.12996	0.822059	0.938231	-1.06584	1.017	1.29047	1.12791	1
cg03039390	POLD1	0.495957	0.0479412	2.58602	2.58602	0.336229	1.51686	1.51686	0.977453	1.01195	0.415999	1.4181	1.4181	0.152088	1.90538	1.90538	0.882925	1.06387	1.06387	0.461958	1.3698	1.3698	0.656919	0.828748	-1.20664	0.729184	1.15724	1.15724	1.017	2.84382	2.4856	1
cg03487983	MPP1	0.495957	0.294689	1.90807	1.90807	0.322096	0.544927	-1.18511	0.496962	0.664092	-1.50582	0.238713	0.08007	0.656896	0.76694	-1.30368	0.76694	-1.30368	0.65638	1.30445	1.30445	0.88085	1.09111	1.09111	0.0931783	2.99265	2.99265	0.660762	1.29968	1.29968	1.017	5.67406	4.95932	1
cg14636658	TTL11;TTL11	0.495957	0.884822	1.06947	1.06947	0.202172	1.86627	1.86627	0.0450521	2.90252	2.90252	23.2169	1.78824	1.78824	0.39071	1.50306	1.50306	0.253405	1.7379	1.7379	0.967098	1.0193	1.0193	0.800345	1.12459	1.12459	0.746588	1.1621	1.1621	1.017	3.45794	3.02236	1
cg11728519	C2orf55	0.495958	0.541291	1.44229	1.44229	0.959313	1.04899	1.02869	0.157305	1.3866	1.3866	2.58486	1.3693	1.3693	1.67329	1.67329	0.217799	2.062313	2.06231	2.06231	0.25413	1.20714	1.20714	0.619447	0.76868	-1.30099	0.297926	0.547534	-1.8264	1.01699	5.01944	4.58717	1
cg14690197	C8orf58	0.495964	0.702289	1.32661	1.32661	0.414926	0.354532	-1.17052	0.0607693	1.72325	1.72325	1.13123	0.49774	1.2382	2.52819	2.52819	0.122636	1.72266	1.72266	1.72266	0.0595401	1.93501	1.93501	0.361406	1.33806	1.33806	0.233958	0.678875	-1.47302	0.993788	0.997586	-1.00242	1.01698	1.55194	1.35647	1
cg15028514	MIR124-3	0.495977	0.980893	0.995702	-1.00432	0.424226	0.863487	-1.15809	0.344105	1.19157	1.19157	0.0828428	1.41258	1.41258	0.280877	0.817442	-1.22333	0.337524	1.19461	1.19461	0.783371	1.05081	1.05081	0.640311	0.918847	-1.08832	0.699403	1.07227	1.07227	1.01696	0.5209945	0.45534	1
cg13008419	HLA-DQA1	0.495978	0.0696418	0.623929	-1.60312	0.614944	0.954326	-1.04806	0.0756284	1.32206	1.32206	0.497881	0.990278	0.562128	0.357759	1.78015	-1.42373	0.788061	1.44312	1.44312	0.309043	1.8559907	1.85599	-1.16835	0.115406	0.0000426	-10.3785	0.682043	1.7563	1.01696	30.1105	26.1386	1
cg12857785	DENND3	0.495979	0.403955	0.81967	-1.22	0.622294	1.12256	1.12256	0.407062	0.820795	-1.21833	0.541323	0.865905	-1.15486	0.394792	1.225	1.225	0.219918	0.740555	-1.35034	0.283012	1.29659	1.29659	0.164527	0.707995	-1.41244	0.548655	0.868155	-1.15187	1.01696	0.87327	0.763297	1
cg06379755	CADPS;CADPS;CADPS	0.495997	0.68407	0.850077	-1.16812	0.609035	1.12531	1.12531	0.213472	1.67746	1.67746	0.657426	1.39221	1.39221	0.196896	0.584259	-1.71157	0.659638	1.51617	1.51617	0.166162	0.6648	-1.50423	0.970781	0.0059269	-1.43623	0.248202	1.608883	1.608883	1.01692	2.49904	2.1844	1
cg16698835	CTSA;NEURL2;CTSA;CTSA	0.496009	0.398283	1.93849	1.93849	0.0970438	0.43061	1.43061	0.0944431	2.29725	2.29725	1.48398	0.483503	1.84354	1.84354	0.747983	1.72983	1.72983	0.297528	2.28544	2.28544	0.572304	0.646161	-1.5476	0.795162	0.819449	-1.22033	0.592779	1.51116	1.51116	1.0169	9.43409	8.24647	1
cg25706447	PIGV	0.496021	0.508604	0.63385	-1.57766	0.401199	1.79361	0.940571	0.950568	-1.052	0.615136	1.36223	1.36223	0.30955	0.489192	-2.04419	0.390722	0.549927	-1.81842	0.0703864	0.252811	-3.95552	0.778128	0.825697	-1.2111	0.221605	0.417478	-2.39533	0.116688	1.74545	0.503832	1
cg22003348	USP12	0.496029	0.426862	0.753135	-1.33096	0.576047	1.02125	-1.21933	0.352001	0.715341	-1.40343	0.615701	0.884004	-1.13112	0.0852402	1.510022	-1.9607	0.889723	0.952095	-1.05032	0.617555	1.18284	1.18284	0.986033	1.00021	1.00021	0.0731629	0.493009	-2.02812	1.01685	2.00241	1.76274	1
cg10445048	TMZD1	0.496034	0.4116031	0.831423	-1.20276	0.163901	0.72133	-1.38633	0.363366	1.22804	1.22804	0.184052	1.36325	1.36325	0.378944	1.21956	1.21956	0.773919	0.938631	-1.06538	0.764043	0.935945	-1.06844	0.904657	1.0267	1.0267	0.313022	1.25794	1.25794	1.01685	0.778735	0.680741	1
cg04559982	MIR09D2	0.496043	0.178832	1.30322	1.30322	0.366588	0.841851	-1.18786	0.935407	0.985082	-1.01514	0.229538	0.263384	1.263384	0.747903	0.94079	-1.06294	0.308569	0.822488	-1.2162	0.200866	0.778402	-1.28468	0.894477	1.02481	1.02481	0.589	0.903799	-1.10644	1.01684	0.55376	0.484079	1
cg08076508	PHF8	0.496066	1.123175	2.654111	-3.75774	0.287478	0.415944	-2.40417	0.754474	0.779654	-1.28252	0.137942	0.33599	-2.97662	0.679822	-1.47097	0.187218	0.329463	-3.03564	-1.0254	0.598283	0.6555138	-1.52547	0.990569	0.9906556	-1.00943	0.288216	0.911758	1.01695	1.01696	0.184594	0.15599	0.83815	1
cg00864460	HNRNPL;HNRNPL	0.496057	0.385009	0.72916	-1.37144	0.682066	0.864095	-1.15728	0.723945	1.13401	1.13401	0.531638	0.798755	-1.25195	0.116825	0.54649	-1.82986	0.209824	0.625805	-1.59794	0.0939817	0.53045	-1.92141	0.606859	1.2021	1.2021	0.784192	0.907233	-1.10225	1.01682	2.02545	1.77062	1
cg12593336	HAUS3	0.496058	0.391612	1.88877	1.88877	0.25709	2.18119	2.18119	0.0695397	3.0276	3.0276	1.0276	1.205253	1.372483	-2.08403	0.49498	-2.02021	-1.64758	0.332303	2.07084	2.07084	?	?	?	?	2.07084	?	1.30576	1.05033	0.638	4.03563	1
cg07663344	CTTN;CTTN	0.496064	0.865931	0.938355	-1.06569	0.0776484	0.477848	-2.09272	0.627771	0.831951	-1.20199	0.303618	1.49362	1.49362	0.975999	0.988736	-1.01139	0.924393	0.964889	-1.03639	0.298555	1.5004	1.5004	0.267494	1.54489	1.54489	0.943706	1.02695	1.02695	1.0168	2.28332	1.99608	1
cg18693421	NUDT19	0.496067	0.292193	0.736373	-1.35794	0.529283	1.37548	1.37548	0.968457	1.01257	0.0908158	0.425388	1.34638	1.34638	0.804419	1.10133	1.10133	0.191962	0.653618	-1.52975	0.0418487	0.61341	-1.63045	0.451971	1.3473	1.3473	0.996264	0.998818	-1.00182	1.0168	2.07716	2.13858	1
cg04541077	TAOK2	0.496071	0.611758	0.883248	-1.13218	0.635985	1.1226	1.1226	0.120796	1.50393	1.50393	0.697131	1.09951	1.09951	0.194829	0.717046	1.39461	0.996575	1.00104	1.00104	0.147232	0.685755	-1.45825	0.862266	0.958757	-1.04302	0.950536	0.985066	-1.01516	1.01679	0.947358	0.828191	1
cg11724984	KDM2B;KDM2B	0.496073	0.170227	2.74008	2.74008	0.585164	1.46284	1.46284	0.826947	0.85977	-1.1631	0.573736	1.57236	1.57236	0.163816	1.90946	1.90946	0.270491	2.07226	2.07226	0.0653942	4.16729	4.16729	0.165219	0.777355	0.277735	0.636539	1.38885	1.38885	1.01679	7.66872	6.70411	1
cg01635086	RUNDC3A;RUNDC3A;RUNDC3A	0.496088	0.203013	0.544506	-1.83599	0.207582	1.135	-1.29453	0.0911962	1.49546	1.49546	0.213074	2.13074	2.13074	0.0294616	1.94397	2.08482	0.510022	-1.9607	0.889723	0.425548	0.0596963	1.49599	1.49599	0.0153279	1.32963	1.32963	0.10276	3.05896	2.68543	0.0000	0.337894	1
cg00630583	FXMP2;POLE HMMR;HMMR;NUDCD2;HMMR;HMM	0.496094	0.222641	0.51404	-1.94537	0.504644	0.703594	-1.42127	0.951541	0.968935	-1.03206	0.248893	1.86978	1.86978	0.863052	1.09379	1.09379	0.154699	0.453424	-2.20544	0.394127	1.57339	1.57339	0.362012	1.62664	1.62664	0.664525	1.25429	1.25429	1.01675	4.34177	3.79578	1
cg07013940	R	0.496096	0.101019	0.252537	-4.30038	?	?	?	0.813168	1.20453	1.20453	0.374835	0.485669	-2.05902	0.442142	1.86117	1.86117	0.890544	0.897467	-1.11425	0.373555	2.0633	2.0633	?	?	?	0.997582	0.997623	1.002238	1.02512	0.74206	6.2043	1
cg06595693	DISP2	0.496107	0.724129	1.06327	1.09327	0.856494	1.0466	1.0466	0.449707	1.21388	1.21388	0.330504	1.28745	1.28745	0.211225	0.717889	-1.39297	0.432248	0.817357	-1.22346	0.721848	0.9139881	-1.09412	0.727556	1.092	1.092	0.0863731	1.61077	1.61077	1.01673	1.01959	0.89139	1
cg05447260	FBY	0.496125	0.896081	0.971277	-1.02937	0.0824805	0.225821	1.23819	0.0685329	2.34827	1.80366	1.20366	1.205253	1.372483	-2.08403	0.49498	-2.02021	-1.64758	0.332303	2.07084	2.07084	?	?	?	?	2.07084	?	1.30576	1.05033	0.638	4.03563	1
cg03439311	TXNDC12;BTF3L4;BTF3L4;BTF3L4	0.496132	0.851086	0.943122	-1.06031	0.183593	0.64559	-1.54897	0.721325	1.11797	1.11797	0.616346	0.854357	-1.17047	0.0994038	1.75554	1.75554	0.407996	1.30176	1.30176	0.408732	1.30119	1.30119	0.315561	1.38174	1.38174	0.975486	0.990471	-1.00962	1.01668	1.56335	1.36685	1
cg17129937	C12orf51	0.496136	0.135846	0.674554	-1.48251	0.425893	0.564959	-1.77035	0.0824559	1.64002	0.0824559	1.64002	1.5541	1.5541	0.572097	1.58042	-1.72286	0.224766	0.212154	-4.71266	0.0121554	0.7266	0.330495	1.80124	1.66355	0.0650994	0.194764	0.671561	0.883892	1.28857	1.28857	1.01665	0.445054	0.89408	1
cg20602244	FGF14	0.496143	0.68168	0.765496	-1.30634	0.220578	0.434096	-2.30364	0.625859	1.3749	1.3749	0.97195	1.02305	1.02305	0.407392	0.57745	-1.73175	0.328476	0.520203	-1.92233	0.0488957	0.232884	-4.29398	0.435344	0.59708	-1.67482	0.764447	1.21497	1.21497	1.01666	0.76026	5.91065	1
cg09831055	MEX3A	0.496144	0.403145	0.754139	-1.32566	0.772737	1.10012	1.10012	0.856774	1.06134	1.06134	0.717082	0.886998	-1.1274	0.195922	0.637214	-1.56933	0.613323	1.18283	1.18283	0.613812	1.18255	1.18255	0.798643	0.919216	-1.08788	0.0495866	0.47798	-2.09214	1.01666	1.74831	1.52859	1
cg10583683	NIPA2;NIPA2;NIPA2;NIPA2	0.496145	0.0902025	0.746373	-1.33975	0.170504	1.0018	1.0018	0.0977263	1.7307	1.4904	1.1404	0.0943136	1.551991	1.73804	1.73804	-1.37305	0.0825676	0.0732504	-13.6504	0.0000	0.08605	0.803882	-1.75111	0.141645	0.451971	1.3473	1.3473	0.996264	0.998818	-1.00182	1.0168	2.07716	2.13858	1
cg05213609	SALL1;SALL1	0.496153	0.280923	0.776189	-1.28835	0.746455	1.07668	1.07668	0.222481	1.3362	1.3362	0.937242	1.01796	1.01796	0.359546	0.808184	1.23734	0.636612	0.808001	-1.11358	0.0782092	0.642533	-1.55634	0.700226	0.916256	-1.0914	0.759413	1.07191	1.07191	1.01664	0.822889	0.719483	1
cg06709201	FBXL1	0.496157	0.220463	0.807457	-1.23866	0.926584	0.915155	-1.09272	0.163485	1.43735	1.67385	0.959045	0.998192	-1.00185	0.266251	1.34458	1.34458	0.713648	-1.40125	0.967035	1.040836	-1.01211	0.838266	1.19252	0.944863	-1.14897	0.808463	0.931744	1.07329	1.01663	1.30569	1.14408	1
cg11724671	HIST1H4A	0.496162	0.532627	0.807715	-1.23806	0.167104	0.67097	-1.64482	0.785536	0.930991	-1.07436	0.730999	-1.36799	0.466833	0.778664	1.28425	1.28425	0.67985	0.869181	-1.15051	0.303425	0.697571	-1.43354	0.449052	1.68676	1.68676	0.246754	0.66279	-1.50877	1.01663	1.83809	1.60713	1
cg15812456	PCMTD2;PCMTD2	0.496162	0.815505	0.913111	-1.09516	0.368682	1.432	1.432	0.31584	1.49678	1.49678	0.126378	1.90236	1.90236	0.446122	1.3526	1.3526	0.293144	1.52823	1.52823	0.22326	0.607949	-1.64487	0.373122	1.427	1.427	0.495535	1.30882	1.30882	1.01663	2.43517	2.1292	1
cg01230243	KIAA1244	0.496165	0.8268163	1.02363	1.02363	0.92658	0.915155	-1.10721	0.163485	1.43136	1.43136	0.377185	1.31394	1.31394	0.406065	1.42125	1.42125	0.960502	0.993037	-1.00701	0.714898	1.05293	1.05293	0.252455	1.34294	1.34294	0.148302	1.44808	1.44808	1.01662	1.36569	1.19488	1
cg03972838	SMCR7L	0.496169	0.25548	0.673935	-1.48382	0.327829	0.7148	-1.39899	0.727819	0.890348	-1.12316	0.144495	1.68378	1.68378	0.256048	0.67428	-1.48306	0.418411	1.31634	1.31634	0.76373	1.1046	1.1046	0.734795	0.893129	-1.11966	0.503945	0.2587	1.25287	1.01661	1.77912	1.5556	1
cg11249283	JAK3	0.496185	0.454562	0.797102	-1.25452	0.637169	0.94036	-1.06383	0.813358	1.06136	1.06136	0.179115	1.39899	1.39899	0.272504	0.714553	-1.39956	0.430749	0.810857	-1.23354	0.477554	0.2424233	-4.26925	0.113325	0.262326	-3.77028	0.0545464	0.553846	0.805621	1.01661	3.05896	2.68543	1
cg26769118	DIP2C	0.496174	0.251838	1.45941	1.45941	0.683186	0.877956	-1.13901	0.961441	1.53929	1.53929	0.848128	1.06242	1.06242	0.0883834	1.81068	1.81068	0.344487	1.36001	1.36001	0.966375	0.986776	-1.0134	0.42205	0.771832	-1.29562	0.857752	0.944919	-1.05829	1.0166	1.60651	1.4039	1
cg12302043	KIAA1244	0.496185	0.8268163	1.02363	1.02363	0.92658	0.915155	-1.10721	0.163485	1.43136	1.43136	0.377185	1.31394	1.31394	0.406065	1.42125	1.42125	0.960502	0.993037	-1.00701	0.714898	1.05293	1.05293	0.252455	1.34294	1.34294	0.148302	1.44808	1.44808	1.01662	1.36569	1.19488	1
cg03972838	SMCR7L	0.496169	0.25548	0.673935	-1.48382	0.327829	0.7148	-1.39899	0.727819	0.890348	-1.12316	0.144495	1.68378	1.68378	0.256048	0.67428	-1.48306	0.418411	1.31634	1.31634	0.76373	1.1046	1.1046	0.734795	0.893129	-1.11966	0.503945	0.2587	1.25287	1.01661	1.77912	1.5556	1
cg11249283	JAK3	0.496185	0.454562	0.797102	-1.25452	0.637169	0.94036	-1.06383	0.813358	1.06136	1.06136	0.179115	1.39899	1.39899	0.272504	0.714553	-1.39956	0.430749	0.810857	-1.23354	0.477554	0.2424233	-4.26925	0.113325	0.262326	-3.77028	0.0545464	0.553846	0.805621	1.01661	3.05896	2.68543	1
cg26769118	DIP2C	0.496174	0.251838	1.45941	1.45941	0.683186	0.877956	-1.13901	0.961441	1.53929	1.53929	0.848128	1.06242	1.06242	0.0883834	1.81068	1.81068	0.344487	1.36001	1.36001	0.966375	0.986776	-1.0134	0.42205	0.771832	-1.29562	0.857752	0.944919	-1.05829	1.0166	1.60651	1.4039	1
cg26009102	SCTR	0.496189	0.141886	0.747986	-2.56456	0.674999	2.16661	2.16661	0.174565	1.37445	1.37445	0.139436	1.66545	1.66545	0.0965391	1.94539	1.94539	0.0440541	2.05135	2.05135	0.0179104	2.43065	2.43065	0.0418983	2.13156	2.13156	0.0439351	0.962322	-1.03915	1.01657	4.64968	4.04057	1
cg26638070	AGPAT5	0.496200	0.0954372	0.520882	-1.92278	0.700718	0.871243	-1.14779	0.303809	0.682054	-1.46616	0.78207	1.0403	1.0403	0.334357	1.42668	1.42668	0.981286	1.00841	1.00841	0.294781	1.55967	1.55967	0.76493	0.898503	-1.11296	0.466332	0.767533	-1.30287	1.01656	4.05081	1.79326	1
cg21149147	PIK3;NIF1L1;NIF1L1;PPIL3;PPIL3	0.496204	0.8421	1.02648	1.02648	0.425469	0.898853	-1.11253	0.885867	0.981358	-1.019	0.519901	0.88923	1.08923	0.880518	1.0199	1.0199	0.274254	0.865156	-1.16074	0.0772956	0.773108	-1.29348	0.308237	1.14819	1.14819	0.530211	1.08688	1.08688	1.01655	0.276404	0.241692	1
cg14022530	SASS6;CCDC76	0.496225	0.403869	0.820951	-1.2181	0.925857	0.978871	-1.02159	0.801576	1.05948	1.05948	0.09003	0.991409	-1.00867	0.482311	0.848875	-1.17803	0.68787	0.911502	-1.09709	0.0328849	0.564072	-1.77282	0.434662	1.20078	1.20078	0.567236	0.875741	-1.14189	1.01651	0.847514	0.741108	1
cg06195120	LIME2;LIME2;LIE2;LIE2;LIE2	0.496238	0.623262	0.771957	-1.29612	0.790174	1.18304	1.18304	0.322851	1.96936	1.90336	0.296733	1.99751	1.97759	0.379807	0.566793	-1.76431	0.287643	0.694722	-2.00593	0.160712	0.388925	-2.57119	0.907663	0.929026	-1.07639	0.344417	1.84746	1.84746	1.01649	6.39523	5.59243	1
cg14588642	LOC100130987;CLCF1;CLCF1 CPT1B;CHKB-CPT1B;CPT1B;CPT1B;CPT1B;CPT1B;CPT1B;CPT1B	0.496239	0.683563	1.21909	1.21909	0.0917485	0.246691	-1.46691	0.394194	1.53876	1.53876	0.510953	1.37653	1.37653	0.538401	0.738624	-1.35387	0.399146	0.657167	-1.52168	0.368878	0.638354	-1.56653	0.378224	0.644221	-1.55228	0.722444	0.840752	-1.18941	1.01649	3.80813	3.3301	1
cg00619097	1B;CPT1B	0.496248	0.67676	1.15388	1.15388	0.0967285	0.536612	-1.86354	0.985475	0.993804	-1.00623	0.841635	1.07068	1.07068	0.897143	1.04514	1.04514	0.834582	0.931098	-1.074	0.105896	1.82752	1.82752	0.921537	0.960941	-1.03419	0.326099	0.70741	-1.41361	1.01647	1.87636	1.64085	1
cg20603106	ARHGAP24;ARHGAP24	0.496252	0.403122	0.801109	-1.24903	0.0886833	0.442121	-2.26182	0.279687	0.615518	-1.62465	0.627518	0.832276	-1.20152	0.555233	0.77285	-1.29391	0.627484	1.23512	1.23512	0.31127	1.76106	1.76106	0.0972372	1.13517	1.13517	0.697774	0.844023	-1.18354	1.01646	0.90186	0.82251	1
cg06609182	HTT	0.496258	0.612445	0.729178	-1.37141	0.132367	0.73827	-1.73827	0.217799	2.22899	2.22899	0.443218	0.616722	-1.62148	0.515069	0.664908	-1.50397	0.846664	0.887192	-1.12715	0.947034	0.959753	-1.04193	0.688468	0.779441	-1.28297	0.187368	0.421512	-2.37241	1.01645	0.15343	0.38118	1
cg08894021	RBM33	0.496272	0.927051	1.02959	1.02959	0.170896	0.628589	-1.59086	0.660047	0.868549	-1.15135	0.338364	1.36923	1.36923	0.594601	0.842796	-1.18653	0.174229	0.631137	-1.58444	0.214638	1.51582	1.51582	0.541077	1.21776	1.21776	0.966151	1.0136	1.0136	1.01643	1.63261	1.42732	1
cg06935361	BRCA2	0.496279	0.488279	0.774107	-1.29157	0.0999559	0.445102	-2.24612	0.171765	0.699359	-1.42988	0.0861476	0.627457	-1.59374	0.454979	0.744388	-1.34348	0.960502	0.993037	-1.00701	0.714898	1.05293	1.05293	0.252455	1.34294	1.34294	0.148302	1.44808	1.44808	1.01642	1.36569	1.19488	1
cg20048045	CHST3	0.496285	0.508969	0.667503	-1.49812	0.153331	0.399568	-2.5027	0.665496	0.769181	-1.30008	0.201057	2.25843	1.25843	0.141615	0.38542	-2.59457	0.831054	0.879061	-1.13758	0.445613	1.59854	1.59854	0.717025	0.802843	-1.24557	0.871639	1.02048	1.02048	1.0164	1.85937	5.12427	1
cg04703844	RPL7;RDH10	0.496285	0.1111	0.711211	-1.40644	0.0886134	0.34841	-2.86841	0.254211	0.643068	-1.5554	0.0954145	0.459955	1.69545	0.0954145	0.459955	1.69545	0.0954145	0.459955	1.69545	0.0954145	0.459955	1.69545	0.0954145	0.459955	1.69545	0.0954145	0.459955	1.69545	1.01641	0.0954145	0.459955	1.69545	1.01641	0.0954145	0.459955	1.69545	1.01641

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg24682012	SMPD1;SMPD1;SMPD1	0.496786	0.904743	0.94374	-1.06262	0.903109	1.06373	1.06373	0.732782	1.18989	1.18989	0.072823	1.25755	2.75755	0.581354	1.32648	1.32648	0.475362	1.44517	1.44517	0.213505	0.534519	-1.93456	0.486822	0.69878	-1.43106	0.458008	0.681557	-1.46723	1.0155	4.13905	3.623	1
cg03077453	ZNF528	0.496803	0.758445	0.902776	-1.10769	0.598755	0.838564	-1.19252	0.463756	1.28054	1.28054	0.68888	0.858988	-1.16416	0.412406	1.32033	1.32033	0.118386	1.75444	1.75444	0.217529	0.6504	-1.53752	0.510999	0.801667	-1.2474	0.348054	1.37762	1.37762	1.01547	1.76828	1.54786	1
cg22266001	MAG;MAG	0.496813	0.769046	1.20609	1.20609	0.228356	2.23586	2.23586	0.501082	0.64753	-1.54433	0.447149	1.63737	1.63737	0.526339	0.664589	-1.50469	0.34454	1.85823	1.85823	0.103247	0.321683	-3.10865	0.811353	0.85884	-1.16436	0.531705	1.49655	1.49655	0.101645	6.51374	5.70188	1
cg20734632	CDLEC1;CDLEC1	0.496815	0.650862	0.479061	-2.08742	0.481796	1.17416	1.17416	0.466912	0.830434	-3.30651	0.639161	0.466327	-2.14442	0.766235	0.617776	-1.61871	0.329334	5.08475	5.08475	0.109591	0.0597282	-16.7422	0.928158	1.15682	1.15682	0.173708	10.3614	10.3614	0.115645	41.9679	36.7372	1
cg14682731	SDK1	0.496824	0.507288	0.64466	-1.55121	0.347456	0.531873	-1.88015	0.601696	0.709145	-1.41015	0.410555	1.73186	1.73186	0.090275	0.307423	-3.25284	0.545066	1.49141	1.49141	0.759786	1.22158	0.95438	0.963352	-1.03804	0.146557	0.361686	-2.76483	1.01543	6.8497	5.59609	1
cg04521951	PTDSS2	0.496841	0.480466	1.23926	1.23926	0.45505	1.25555	1.25555	0.989298	0.995996	-1.00402	0.420286	0.781732	-1.27924	0.270727	0.709655	-1.40914	0.758029	0.912045	-1.09664	0.06773311	1.84422	1.84422	0.692175	1.12639	1.12639	0.607686	0.856512	-1.16751	1.0154	1.43862	1.25997	1
cg16580289	GABRB2	0.496847	0.824366	0.854602	-1.17014	0.125306	3.23085	3.23085	0.0456225	5.05362	5.05362	0.591808	0.682073	-1.46612	0.752014	1.25117	1.25117	0.632662	1.40508	1.40508	0.56546	1.50787	1.50787	0.709128	1.30326	1.30326	0.826418	1.16795	1.16795	0.15939	8.03531	7.03423	1
cg15196820	GPR148	0.496851	0.231055	0.425803	-2.34604	0.709235	1.39379	1.39379	0.733429	0.750026	-1.26258	0.574444	0.680142	-1.47028	0.464502	0.609034	-1.65828	0.695894	0.765769	-1.30588	0.01138839	0.179152	-5.55798	0.534064	0.653005	-1.53396	0.385868	0.546646	-1.82994	1.01539	7.42285	6.49811	1
cg16658284	RBM43	0.496853	0.454445	0.805775	-1.24104	0.526903	0.833848	-1.19926	0.888691	0.837878	-1.48395	0.865035	1.0494	1.0494	0.264004	0.727631	-1.37432	0.626946	1.48891	1.14891	0.0636855	0.553853	-1.80553	0.914055	0.969866	-1.03107	0.616455	1.15675	1.15675	1.01538	1.29177	1.13084	1
cg11963883	DDX21	0.496862	0.960214	1.01748	1.01748	0.672637	1.15925	1.15925	0.0849005	0.510509	-1.95883	0.960479	0.982933	-1.01736	0.780151	0.907335	-1.10213	0.228239	1.55677	1.55677	0.44186	0.760914	-1.31421	0.317499	1.43445	1.43445	0.545888	0.808388	-1.23703	1.02838	1.92416	1.44527	1
cg04757063	AFAP1;AFAP1	0.496869	0.451076	0.658914	-1.51701	0.16965	2.69279	2.69279	0.0876769	3.47259	3.88576	2.13635	0.822147	-1.21633	0.961303	0.979387	-1.02071	0.848921	1.60585	1.60585	1.10916	0.280719	0.552511	-1.81018	0.935071	1.04482	0.74615	0.838239	-1.19268	1.01535	4.47662	4.15456	1
cg06918562	rf132	0.496880	0.134884	1.31079	1.31079	0.607208	0.916621	-1.09096	0.646701	0.92544	-1.08057	0.573979	1.10007	1.10007	0.413563	0.869058	-1.15067	0.49475	1.23246	1.12346	0.40321	0.866213	-1.15445	0.319022	0.839571	-1.19108	0.267722	1.21391	1.21391	1.01531	0.453315	0.396869	1
cg26777746	C9orf57;C9orf57	0.496897	0.382619	0.331573	-3.01592	0.126767	0.130503	-7.66269	0.786682	0.715743	-1.39715	0.143477	6.94612	6.94612	0.944017	1.09045	1.09045	0.203312	0.190975	-5.23629	0.843999	1.27495	1.27495	0.951952	0.928399	-1.07712	0.812881	1.33959	1.33959	1.0153	24.4432	21.3998	1
cg26431298	PRCC;PRCC	0.496899	0.407902	0.83943	-1.19129	0.821503	0.954351	-1.04783	0.10232	1.44726	1.44726	0.621952	0.902337	-1.10823	0.877036	1.03253	1.03253	0.15836	0.73213	-1.36588	0.307657	1.24401	1.24401	0.949143	0.986898	-1.01328	0.753662	1.06726	1.06726	1.0153	0.687462	0.601871	1
cg20440800	CAMTA1	0.496923	0.94122	0.973452	-1.02727	0.325367	1.23537	1.23537	0.559334	1.24024	1.24024	0.935023	0.970588	-1.03025	0.423806	0.942257	-1.34724	0.925185	1.82095	1.82095	0.0296614	0.206924	1.62008	1.62008	0.0627284	0.465759	-2.14703	0.870892	0.94238	1.01614	0.15225	2.1406	1.87847	1
cg04560213	SHSA9	0.496924	0.219662	0.529904	-1.88713	0.767408	0.864215	-1.15712	0.341922	0.617665	-1.619	0.343643	0.618788	-1.61606	0.224132	0.531325	-1.88209	0.573077	1.31942	1.31942	0.0773344	0.380532	-2.6279	0.46877	0.69581	-1.43717	0.261936	0.562385	-1.77814	0.91525	3.89265	3.40815	1
cg25025545	CDB3;CDB3	0.496924	0.390242	0.723504	-1.38199	0.312447	1.4681	1.4681	0.620507	0.831424	-1.20131	0.498532	0.776868	-1.28722	0.981233	0.991384	-1.00869	0.517989	1.27232	1.27232	0.173576	1.70243	1.70243	0.428209	1.34604	1.34604	0.185725	1.597121	1.67747	1.01525	2.17135	1.90109	1
cg00376817	PCDH19;PCDH19	0.496934	0.154666	0.555275	-1.80075	0.344617	0.516688	-1.93468	0.8777	1.10997	1.10997	0.112416	1.31947	1.31947	0.793259	0.830988	-1.20416	0.257044	0.448696	-2.22868	0.093767	1.00531	1.00531	0.679981	1.32446	1.32446	0.776276	1.21291	1.21291	1.01523	1.73022	1.64376	1
cg01246520	RAI1	0.496966	0.572698	0.655562	-1.52541	0.0568597	0.202579	-4.93634	0.64694	0.710607	-1.40725	0.558886	1.54942	1.54942	0.762786	0.799114	-1.25139	0.480183	0.58762	-1.70178	0.209008	0.374918	-2.66725	0.428783	0.549677	-1.81925	0.459876	1.7462	1.7462	1.01518	8.82385	7.72617	1
cg26429681	EXOG;EXOG	0.496969	0.634929	0.840097	-1.1913	0.586264	1.3488	1.3488	0.574008	0.726991	-1.37553	0.560477	0.844101	-1.22835	0.916791	1.09178	1.09178	0.988384	1.0051	1.0051	0.915447	1.25914	1.25914	0.758204	1.11392	1.11392	0.158686	0.590717	-1.69286	1.01517	1.96284	1.74782	1
cg26943822	SUTRK4	0.496974	0.211215	0.441978	-2.26255	0.9665	0.974303	-1.02638	0.985102	1.01164	1.01164	0.0660563	0.787103	1.18263	1.18263	0.236985	0.463941	-2.15545	0.7899	0.847442	-1.18002	0.923474	0.942181	-1.06137	0.815238	1.15615	1.15615	1.01516	0.617776	0.54933	1
cg13350983	PTPN22;PTPN22;PTPN22	0.496978	0.481341	1.20282	1.20282	0.477168	0.680866	-1.46284	0.624744	0.774716	-1.29107	0.425466	0.823727	1.21392	1.23596	1.23596	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1.00908	1
cg09567735	CUX2	0.496978	0.51955	1.87501	1.87501	0.40879	2.25568	2.25568	0.155692	0.231636	-4.31712	0.699799	1.45217	1.45217	0.941423	1.07332	1.07332	0.379489	2.3823	2.3823	0.327423	2.64688	2.64688	0.172451	0.247046	-4.04783	0.591489	1.68477	1.68477	1.01515	14.905	13.0512	1
cg12753450	SCNN1D;SCNN1D;SCNN1D;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1577 vs. N)	Fold-Change(1577 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg04147011	CLIC3	0.4976421	0.179508	0.483659	-2.28846	1.34885	0.1971185	-1.75075	0.550006	1.40035	1.40035	0.9669865	0.1977946	-1.02255	0.134006	0.191247	2.55593	0.688411	0.790029	-1.26578	0.102417	0.354218	-2.82312	2.39566	0.6034425	-1.657231	0.4260442	0.624361	1.601664	1.01396	5.415303	4.74709	1
cg02153855	C1orf127	0.4976643	0.256529	0.454503	-2.2002	2.404037	0.4411163	-2.26673	0.0661526	0.253153	-3.94458	0.534353	0.657697	-1.52046	0.261102	0.388618	-2.57322	0.7748892	0.826202	-1.21036	0.266977	0.462757	-2.16096	0.403127	0.565743	-1.767599	0.797526	1.1867	1.1867	1.01396	7.11948	6.24132	1
cg03407524	FASN	0.497665	0.1975111	0.083082	-12.0363	0.817828	0.656134	-1.52408	0.642423	2.34902	2.34902	0.877346	1.32587	1.32587	0.510541	3.38371	3.38371	0.8368451	0.686197	-1.45731	0.270122	8.14342	8.14342	0.323328	6.44364	6.44364	0.1227433	0.0492706	-20.2961	1.01395	53.5661	46.9595	1
cg17042681	DOK5	0.4976488	0.2559598	1.76898	1.76898	0.810132	1.122644	1.122644	0.74413	0.854353	-1.17047	0.642986	1.2515	1.2515	0.463171	1.433384	1.433384	0.7037	0.70937	0.237597	1.812313	1.812313	0.893294	1.06663	1.06663	1.01991	3.709227	3.25189	1
cg16315742	F2	0.4976768	0.984195	1.01415	1.021455	1.07374	1.07374	0.6698326	0.231318	-4.32305	0.525641	1.57975	1.57975	0.157596	0.478659	-2.08917	FLJ90357,BAIAP2;BAIAP2;BAIAP2;BAIAP2;BAIAP2;ZNF565;ZNF146;ZNF146;ZNF146;ZNF574	0.62188	1.42358	1.422358	0.732712	1.27557	1.27557	0.195853	0.375689	-2.66178	0.579418	0.671756	-1.48863	1.02683	8.0159	6.07167	1
cg16689048	C7orf50;C7orf50;C7orf50	0.4976886	0.77249	0.928408	-1.07711	0.0400127	0.544337	-1.8371	0.348836	0.781029	-1.28036	0.144217	0.6689984	-1.49477	0.318794	0.767957	-1.30216	0.463187	0.825846	-1.21088	0.443174	0.8184446	-1.22183	0.417973	0.808894	-1.23626	0.511328	0.843076	-1.18613	1.01388	1.05438	0.924392	1
cg25730309	ACADS	0.497669	0.657449	0.758907	-1.31766	0.705157	0.4057	-2.46488	0.191034	0.424939	-2.35328	0.810981	0.878322	-1.13854	0.0464022	0.440267	-2.40712	0.8273565	1.14455	1.144455	0.659189	0.7600358	-1.31592	0.457408	0.6263178	-1.59548	0.482977	0.6435565	-1.51384	1.01387	6.15388	5.37948	1
cg18022346	SDK1	0.4977313	0.259982	0.554523	-1.80335	0.5216693	1.38528	1.38528	0.72457	1.380884	1.28084	0.641175	0.7901343	-1.26559	0.184872	0.45943	-2.17661	0.995035	1.00313	0.213633	0.515963	-1.93291	0.955577	1.02828	1.02828	0.812564	1.438533	2.28033	1.01383	4.03457	3.54525	1
cg18900838	GOSR1;GOSR1;GOSR1	0.4977516	0.0396361	0.440652	-2.26937	0.919644	0.965841	-1.03537	0.759935	1.11133	1.11133	0.659684	1.16489	1.16489	0.572266	1.21719	1.21719	0.358889	1.38394	1.38394	0.526205	0.8015557	-1.24757	0.884257	0.951067	-1.05145	0.7227931	1.13052	1.13052	1.01383	1.9048	1.67006	1
cg19725989	KDM2A;KDM2A	0.497682	0.54062	1.13381	1.133816	0.943116	1.086879	-1.01445	0.2151934	1.10991	1.10991	0.8170671	1.0944033	1.094403	0.5314075	1.313335	1.313335	0.6900441	1.06025	1.060245	0.7959268	1.744791	1.33906	0.521274	0.9047676	-1.10929	0.1327911	0.7720064	-1.29533	0.1382	0.4087118	0.3588353	1
cg03737999	MFNG;MFNG;MFNG	0.497725	0.303432	0.343156	-2.91412	0.125166	0.18909	-5.28849	0.164431	0.225717	-4.43033	0.346761	0.346761	0.387249	-2.64376	0.30166	0.341715	-2.92641	0.649881	0.632198	-1.58178	0.0854395	0.6738401	0.275566	0.320405	-3.12105	0.506319	0.508336	-1.9672	1.01381	16.1668	14.1747	1
cg21131024	C8orf56;BAALC;BAALC	0.49773	0.783999	1.08753	1.08753	0.8308533	0.936298	-1.06751	0.947327	0.980157	-1.02002	0.967921	0.987795	-1.01236	0.269	0.7036602	-1.42126	0.369396	0.754647	-1.32512	0.182658	0.6493203	-1.54011	0.174163	1.55497	1.55497	0.1618564	1.42943	1.42943	1.0138	1.49726	1.31278	1
cg09951650	AP4E1	0.497732	?	?	?	-1.220816	0.08366628	-11.9527	0.160941	0.0506914	-19.7272	0.67606	0.4760297	-2.10041	0.33944	0.5013195	-1.99504	0.7854	?	?	?	-4.196	?	?	?	?	0.924689	0.847679	-1.17969	1.00934	23.9181	12.9365	1
cg23275914	TTLL10;TTLL10	0.497737	0.136051	0.44869	-2.22871	0.966533	1.02115	1.02115	0.903607	1.06231	1.06231	0.279356	1.75264	1.75264	0.195814	0.40061	-2.49619	0.553713	1.34835	1.348355	0.314976	0.719346	-1.39015	0.903622	0.941352	-1.0623	0.853271	0.911767	-1.09677	1.01379	3.9968	3.50439	1
cg23475053	6;ZNF146;ZNF565;ZNF146	0.4977743	0.8170666	1.04339	1.04339	0.521113	1.12662	1.12662	0.102718	1.38721	1.38721	0.971929	1.00647	1.00647	0.122737	1.35875	1.35875	0.556031	1.11534	1.11534	0.332247	0.8324621	-1.20126	0.949828	0.988531	-1.0116	0.4996641	0.881953	-1.13385	1.01378	0.539556	0.473088	1
cg06350196	PLCH2	0.4977747	0.371319	1.04453	1.364913	0.0709248	1.08944	1.08944	0.561483	1.201588	1.201588	0.744186	-1.34375	0.58657	0.886386	-1.12818	0.6468809	0.9038861	-1.10637	0.2660266	0.4400397	0.2392729	1.21147	0.292237	1.270051	1.27051	0.1377277	0.7707399	0.675798	1.01378	0.4355	0.4355	1
cg18546477	B4GALNT4	0.4977754	0.239511	0.55499	-1.80183	0.723265	0.843696	-1.18526	0.947711	1.03185	1.03185	0.337826	0.623534	-1.60376	0.1468	0.475009	-2.10522	0.264164	0.573274	-1.74437	0.214756	0.5535625	-1.86698	0.105096	0.428876	-2.33168	0.237761	0.553657	-1.80617	1.01376	3.66916	3.21722	1
cg22332666	DSEDPL1	0.4977757	0.93238	0.979126	-1.02092	0.39069	1.38608	1.38608	0.516983	1.420025	1.420025	0.717892	0.884226	-1.13093	0.0862534	0.559821	-1.78595	0.878837	0.948761	-1.05401	0.193487	0.9596955	-1.042	0.995347	1.194319	1.59119	0.773374	0.906869	-1.10269	1.01375	1.84666	1.61921	1
cg20808363	DBNL;DBNL;DBNL	0.4977765	0.119684	0.342087	-2.92323	0.326312	0.523248	-1.91104	0.632428	0.613639	-1.62962	0.935206	1.05302	1.05302	0.845043	0.494145	-2.0237	0.326014	0.525039	-1.90462	0.239204	0.458699	-2.18823	0.376451	0.205282	0.205282	0.863613	0.896521	-1.11542	1.01374	0.648071	0.582571	1
cg26858716	C20orf108	0.4977784	0.342108	0.55739	1.54293	0.3108055	0.936298	-1.06751	0.947327	0.980157	-1.02002	0.967921	0.987795	-1.01236	0.269	0.7036602	-1.42126	0.369396	0.754647	-1.32512	0.182658	0.6493203	-1.54011	0.174163	1.55497	1.55497	0.1618564	1.42943	1.42943	1.0138	1.49726	1.31278	1
cg15695106	DIAPH3	0.497797	0.99705	1.00125	1.00125	0.998309	1.00072	1.00072	0.485683	1.2702	1.2702	0.365231	1.36902	1.36902	0.181155	0.619217	1.61494	0.8314416	1.07463	1.07463	?	?	?	0.950719	0.979349	-1.02109	0.0835715	1.909	1.909	1.00404	1.61112	1.60464	1
cg00821510	RFN3P2	0.4978319	0.960951	1.00882	1.00882	0.143178	0.754224	-1.32587	0.153778	0.76051	-1.31491	0.722098	0.917986	-1.08902	0.166412	0.525401	1.90264	0.520772	0.889859	-1.12377	0.793617	1.04812	1.04812	0.468057	0.876021	-1.14152	0.129032	0.745227	-1.34187	1.01364	0.515957	0.452457	1
cg17158762	MDM4;MDM4	0.497832	0.180701	0.821659	1.76114	0.2125955	0.389688	-2.56619	0.14879	0.330712	-3.02378	0.516388	0.864877	-1.18017	0.3760317	0.4432127	-2.25644	0.257768	0.492027	-2.32441	0.181457	0.364645	-2.74386	0.531604	0.708081	-1.41227	0.6643122	0.81724	1.21884	1.01364	8.19724	7.1884	1
cg00712779	STRADB;TRAK2	0.4978327	0.6695566	1.32558	1.32558	0.970403	1.02463	1.02463	0.870518	1.11305	1.11305	0.731322	2.59017	2.59017	0.651283	0.74176	-1.34814	0.305641	2.00653	2.006533	0.410139	1.73848	1.73848	0.184293	0.396683	-2.5209	0.175182	2.57696	2.57696	0.31663	6.91997	6.06839	1
cg06032479	HLA-DRB1	0.4978328	0.0353703	1.44982	1.91932	0.834517	1.15586	1.15586	0.533566	1.20633	1.20633	0.464466	1.42888	1.42888	0.2483	0.6803991	-1.46955	0.540543	1.19211	1.19211	0.484456	0.68738	-1.45469	0.2483	0.4998	0.4998	0.5434706	0.740735	0.72616	1.37662	1.01362	25.0452	21.9632	1
cg24740531	BC12;BC12	0.497843	0.35404	1.34146	1.34146	0.617715	1.17083	1.17083	0.33697	1.35661	1.35661	0.319594	0.728424	-1.37283	0.253309	0.69242	-1.44421	0.983924	1.00623	1.006233	0.153834	1.60063	1.60063	0.107501	1.0879	1.0879	?	?	1.00398	1.34154	1.33622	1
cg19601035	COL2A1;COL2A1	0.497883	0.973115	0.971009	-1.02986	0.385711	0.460121	-2.17334	0.217587	3.10295	3.10295	0.579253	1.63059	1.63059	0.142949	0.2529888	-3.95275	0.96915	0.966803	-1.03434	0.178412	0.2870414	-3.48383	0.34865	0.430719	-2.3217	0.731069	0.740806	-1.34988	1.01362	12.234	10.7285	1
cg18845159	ZNF34;ZNF34	0.4978906	0.8040184	1.28877	1.28877	0.5586035	1.36458	1.36458	0.0626727	1.63059	1.63059	0.142949	0.2529888	-3.95275	0.1396868	0.2881654	-3.47034	0.803014	1.12452	1.124521	0.302385	1.18446	1.18446	0.216065	0.541826	-1.84561	0.3009014	1.65422	1.65422	1.02654	2.47415	2.63025	1
cg19882093	GGTLC1;GGTLC1	0.4978937	0.4349665	0.742734	-1.34638	0.585413	0.814105	-1.22834	0.486044	0.767757	-1.3025	0.390249	0.7187453	-1.39194	0.0863448	0.4789336	-2.08796	0.150861	0.562501	-1.77651	0.607121	0.21367	-4.67372	0.275605	0.854359	-1.17047	0.164009	0.57437	-1.74104	1.01361	2.23792	1.96255	1
cg18444844	KCNK5	0.4978941	0.1005792	0.555439	-1.80068	0.6151518	0.833135	-1.20029	0.776581	1.060264	1.060264	0.143788	0.3731154	-2.68054	0.1478358	0.4480181	-2.08255	0.1580661	0.562504	-1.77851	0.606924	0.2115766	-4.72725	0.2755605	0.8607953	-1.16206	0.1116202	0.5641509	-1.77205	0.8619759	0.920324	-1.08657	0.2081197	0.1823821	1
cg02215538	ANKHD1;ANKHD1-EIF4EBP3;ANKHD1;ANKHD1	0.4978958	0.286742	1.1999	1.0999	0.64155	0.836566	-1.1994	0.151621	1.38466	1.38466	0.663194	0.931278	-1.07317	0.576894	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959	1
cg12632807	INTS1	0.4978961	0.9784151	1.02723	1.02723	0.272131	0.737782	-1.35541	0.0982885	0.63724	-1.62012	0.593224	0.866342	-1.15428	0.567902	0.8184206	-1.22196	0.785668	0.930034	-1.07523	0.733841	1.09507	1.09507	0.194149	0.693826	-1.44128	0.0994338	0.618441	-1.61697	1.01357	1.13666	0.996841	1
cg16756025	ZNF275	0.4978975	0.176972	0.0718691	-13.9142	0.987814	0.97237	-1.02842	0.998981	1.00235	1.00235	0.20271	11.7905	11.7905	0.244799	9.32006	9.32006	0.1731889	0.0700162	-14.2824	0.649401	0.4318558	-2.31558	0.835342	0.682595	-1.465	0.832104	1.47624	1.47624	1.01354	54.0308	47.3858	1
cg04073428	CDK5RAP3	0.4978979	0.644264	1.18863	1.18863	0.52527	0.888078	1.12482	1.12482	0.101803	1.14211	1.5711	1.5711	0.288654	1.32178	1.32178	1.32178	0.574934	1.14567	1.14567	0.556295	0.8168414	-1.08883	0.994055	1.22387	1.22387	0.112859	1.13453	1.01404	1.21209	0.7313553	1.01404	0.508877	1
cg01098288	PDC3	0.49788	0.795463	1.03762	1.03762	0.406295	0.110592	1.03592	0.601023	1.07788	1.07788	0.335373	1.15167	1.15167	0.12194	1.26909	1.26909	0.552924	0.918213	-1.08907	0.722382	0.9505557	-1.05201	1.03942	1.0939	1.0939	1.129792	1.25928	1.25928	1.01483	1.24166	1.24166	1.01353	1.24166	1.24166	1.01353	1
cg20190112	TNFRSF10D	0.4978988	0.8651151	0.947644	-1.05525	0.308029	1.39631	1.39631	0.346855	0.736033	-1.35864	0.377862	0.751058	-1.33146	0.0788927	0.539375	-1.854	0.774134	0.912986	-1.09531	0.51988	0.813511	-1.22924	0.354759	1.35149	1.35149	0.626072	0.856455	-1.1676	1.01352	1.60683	1.40924	1
cg07037804	FLT1;FLT1	0.4978994	0.7143187	1.07851	1.07851	0.6700768	1.37979	1.37979	0.153923	0.35171	-2.85071	0.433323	0.75711	-1.32096	0.2886621	0.5464046	-1.83013	0.7965	1.12291	1.122911	0.7135	0.7076576	1.41387	0.7135	0.7135	0.7135	0.7135	0.7135	0.7135	0.7135	0.7135	0.7135	0.7135	0.7135	0.7135	0.7135	1
cg12669314	WDR46;WDR46	0.497921	0.0484926	0.116781	-8.56307	0.693828	0.45781	-1.45781	0.92429	0.912478	-1.09552	0.813321	1.25279	1.25279	0.25405	1.84328	1.84328	0.424059	2.17672	2.176722	0.275601	0.3394092	-2.9463	0.800728	1.27246	1.27246	0.755634	0.742729	-1.34639	1.01346	14.5685	12.7778	1
cg11546933	MRPS31	0.4978993	0.4944435	0.7706	1.29764	0.4846169	0.143397	0.0844111	0.0982885	0.63724	-1.62012	0.593224	0.866342	-1.15428	0.567902	0.8184206	-1.22196	0.785668	0.930034	-1.07523	0.733841	1.09507	1.09507	0.194149	0.693826	-1.44128	0.0994338	0.618441	-1.61697	1.01357	1.13666	0.996841	1
cg14438453	DAAM2	0.4979035	0.319426	0.543983	-1.83829	0.1023666	0.347232	-2.87992	0.0720506	0.304795	-3.28089	0.402427	0.602265	-1.6604	0.918165	0.955128	-1.04698	0.631897	0.75156	-1.33057	0.585444	1.3853	1.3853	0.476561	0.651612	-1.53465	0.554788	0.702228	-1.42404	1.01343	5.62001	4.92935	1
cg26246841	MTMR4;DTNA;DTNA	0.4979036	0.378794	0.643735	-1.55402	0.428921	1.40313	1.40313	0.156877	1.68198	1.68198	0.20633	2.80633	2.806333	0.0442889	2.42888	2.42888	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1.2393	1
cg18747735	LIAS;RPL9;LIAS;RPL9	0.4979078	0.8243795	-1.15157	0.3707	0.1211	0.117083	1.17083	0.33697	1.35661	1.35661	0.319594	0.728424	-1.37283	0.253309	0.69242	-1.44421	0.983924	1.00623	1.006233	0.153834	1.60063	1.60063	0.107501	1.0879	1.0879	?	?	1.00398	1.34154	1.33622	1
cg23308086	ZBTB9	0.4979397	0.537674	1.35202	1.35202	0.101982	2.37514	2.37514	0.317838	1.64707	1.64707	0.230445	0.544425	-1.8368	0.384678	1.53841	1.53841	0.452603	1.44744	1.44744	0.253333	1.7799	1.7799	0.771789	1.1509	1.1509	0.839458	0.90662	-1.103	1.01343	3.74881	3.28812	1
cg19041559	DFFB	0.4979399	0.630174	1.10838	1.10838	0.4098537	0.1958	1.19582	0.111212	0.446349	0.847325	-1.18018	0.66827	1.09575	1.09575	0.792851	0.945059	-1.05741	1.330999	1.23708	0.2838	0.7037372	1.54561	0.945059	0.556436	0.8881461	-1.13448	0.5314276	0.874494	-1.14352	1.01343	0.722115	0.633376	1
cg24197051	C10orf62;DHDPSL;DHDPSL	0.497494	0.124046	0.368946	-2.71042	0.102161	0.342691	-2.91808	0.357004	0.567214	-1.763	0.695882	0.790433	-1.26513	0.323444	0.543054	-1.84144	0.156227	0.403035	-2.47951	0.348617	0.5612	-1.7819	0.305441	0.529778	-1.88758	0.893885	1.08153	1.08153	1.01342	5.75252	5.04563	1
cg13284981	LIMA1;LIMA1	0.4979546	0.5623561	0.700662	-1.42722	0.92606	0.945188	-1.05799	0.876095	1.09919	1.09919	?	?	?	?	?	?	0.166524	2.44937	?	0.312159	0.52096	-1.88693	0.636531	0.748952	-1.3352	0.738625	1.24574	1.24574	1.00377	5.72117	5.10215	1
cg19989944	CDK16;CDK16	0.497971	0.459441	0.5148	-1.94257	0.118493	0.334708	-2.98758	0.0976192	0.892875	-1.12008	0.276848	0.607018	-1.64707	0.278011	0.482624	-2.07201	0.1107734	0.525527	0.2710994	0.4922229	0.0990505	0.311031	-3.21511	0.550647	0.4922229	-2.03139	0.754111	0.8141	-1.22814	0.7838854	0.837301	-1.19431	0.13137	0.693181	0.635156	1
cg07178896	PAPOS;PAPOS	0.497975	0.417214	0.789479	-1.26666	0.175336	0.50819	-1.50819	0.151313	1.5502	1.5502	0.396947	0.780899	-1.28058	0.154515	0.838308	-1.19288	0.997276	1.00097	1.00097	0.80275	1.07397	1.07397	0.625995	1.15032	1.15032	0.300774	0.736056	-1.35758	1.01336	1.30465	1.1444	1
cg12794113	ACOT11;ACOT11	0.497991	0.744135	0.896143	1.11435	0.7813231	1.10724	1.10724	0.466169	1.14389	1.14389	0.451189	0.824473	1.21374	0.1808486	0.4344004	-2.30144	0.593147	1.18414	1.184141	0.627463	1.4252	1.4252	0.2964855	0.8810405	-1.23395	0.933387	1.02641	1.02641	1.01373	1.30906	1	
cg00799842	PCIF1	0.4979994	0.310285	0.862985	-1.15877	0.877698	0.978617	-1.02185	0.945382	0.99043	-1.00966	0.90471	0.983331	-1.01695	0.423527	1.12157	1.12157	0.676484	0.942802	-1.06067	0.7763045	0.758211	-1.31889	0.180157	0.818915	-1.22113	0.231182	0.838384	-1.19277	1.01333	1.36165	0.27734	1
cg24477315	PBX1	0.4979995	0.932791	0.964415	-1.0369	0.603666	1.20919	1.20919	0.573579	0.783265	-1.27671	0.869958	1.07292	1.07292	0.960454	1.02153	1.02153	0.202478	1.78254	1.78254	0.083094	2.52808	2.28018	0.175019	0.85825	1.85825	0.234482	1.70806	1.70806	1.01332	2.96163	2.59794	1
cg25164859	LOC102868484;LOC102868484	0.4979996	0.238651	0.526272	-1.90016	0.211801	0.504204	-1.98332	0.543831	0.727673	-1.37424	0.742567	1.18568	1.18568	0.865406	1.09158	1.09158	0.103423	0.393466	-2.54151	0.706316	1.21609	1.21609	0.153589	0.450469	-2.21991	0.588968	0.754162	-1.32597	1.02623	4.24388	3.21643	1
cg05475386	MSRB3;MSRB3	0.4979999	0.8004354	1.13853	1.11811	0.6093037	1.35661	1.35661	0.0493344	2.02068	2.02068	0.161291	1.8187989	1.82703	0.0275737	2.702851	2.702851	0.945059	-1.05741	1.330999	1.23708	0.2838	0.7037372	1.54561	0.945059	0.556436	0.8881461	-1.13448	0.5314276	0.874494	-1.14352	1.01343	0.722115	0.633376	1
cg13974084	ERICH1	0.4979999	0.604712	0.586709	-1.70442	0.788987	1.31426	1.31426	0.237838	0.59676	-1.67576	0.598053	0.721712	1.72172	0.907994	0.8889162	-1.12491	0.980516	0.975448	-1.02517	?	?	?	0.073188	0.846016	0.846016	0.120113	0.124125	0.140192	1	
cg04791822	SYNJ1;TMP1;SYN1	0.4980009	0.0500404	0.615315	-1.62479	0.647527	0.143007	0.0512814	0.0982885	0.63724	-1.62012	0.593224	0.866342	-1.15428	0.567902	0.8184206	-1.22196	0.785668	0.930034	-1.07523	0.733841	1.09507	1.09507	0.194149	0.693826	-1.44128	0.0994338	0.618441	-1.61697	1.01357	1.13666	0.996841	1
cg00754900	SNAPC1	0.49801	0.460791	1.30213	1.30213	0.205276	1.59977	1.59977	0.267622	1.50083	1.50083	0.1683	1.67563	1.67563	0.113979	1.83043	1.83043	0.196218	1.61686	1.61686	0.514274	1.26179	1.26179	0.630502	0.843324	-1.18578	0.423645	1.33285	1.33285	1.0133	1.98383	1.74026	1
cg15443732	GAUI1	0.49802	0.06788434	0.259513	-3.85337	0.917354	1.07087	1.07087	0.95878	0.966481	-1.03468	0.57953	0.691303	-1.44654	0.318049	1.97539	1.97539	0.902791	1.08394	1.08394	0.135855	0.3463913	-2.8869	0.607529	0.710543	-1.40737	0.852345	0.884347	-1.13078	1.01328	6.98279	6.12558	1
cg22039665	HRNBP3	0.4980038	0.863093	1.08353	1.08353	0.594857	0.345847	2.07527	2.07527	0.746703	0.965251	1.12739	0.490068	1.58396	0.248396	2.01496	2.01496	0.789253	-1.26555	-1.34705	0.583806	0.662296	1.5099	0.185412	0.532098	2.84011	0.2914427	0.615353	0.7409935	0.878436	1.2797	1.0125	0.86878	0.77865	1
cg20247523	GOLGA8B;GOLGA8B	0.4980045	0.1956449	0.276008	-3.62308	0.818711	1.24105	1.24105	0.456734	2.04002	2.04002	0.381644	0.42997	-2.32574	0.159097	0.242774	4.11906	0.3673962	0.418547	2.38922	0.135122	0.2319782	-4.54996	0.9943	1.00674	1.00674	0.37033	0.4200901	-2.37586	1.01323	14.1992	12.4566	1
cg09664134	NEGR1	0.4980054	0.975262	1.05755	1.06253	0.8400264	0.135948	-1.52317	0.746556	0.556432	-1.79802	0.395522	0.72783	1.62788	0.0190312	0.6905838	-1.44809	0.781656	1.07534	1.075339	0.855102	1.2009	1.2009	0.760901	1.401508	1.401508	0.151508	0.7856	0.78556	0.78556	0.78556	0.78556	0.78556	0.78556	0.78556	0.78556	0.78556	1
cg07823585	CNN3;CNN3	0.4980051	0.700723	1.33585	1.13585	0.675664	0.870143	-1.14888	0.0612442	0.498755	-2.00501	0.940071	1.04057	1.04057	0.25257	0.9020204	1.10864	0.978778	0.991265	-1.00881	0.915092	1.02723	1.02723	0.218235	0.942158	-1.84448	0.392645	0.749128	1.33488	1.03322	1.74581	1.53158	1
cg08284443	GFRA1;GFRA1;GFRA1	0.4980066	0.101968	0.292031	-3.42431	0.568157	1.4869	1.4869	0.62086	1.45006	1.41006	0.550992	0.660452	-1.51411	0.135191	0.330431	-3.02635	0.690048	0.759084	-1.31738	0.236883	0.4262492	-2.34471	0.952173	1.04211	1.04211	0.349289

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg05230501	HOXA10;HOXA10	0.498562	0.543454	0.648866	-1.54115	0.80964	0.890907	-1.12245	0.408256	1.81282	1.81282	0.860372	1.13182	1.13182	0.196246	0.182488	-2.61646	0.203217	0.388822	-2.57187	0.282272	0.455748	-2.1942	0.191628	2.64382	2.64382	0.958262	0.963862	-1.03749	1.0123	7.93012	6.96331	1
cg00829575	MID1P1;MID1P1;MID1P1	0.498566	0.092557	0.178421	-5.60471	0.240391	0.318372	-3.14098	0.181865	0.267266	-3.74158	0.805913	1.25762	1.25762	0.910297	0.921659	-1.085	0.224007	0.30439	-3.28526	0.711888	0.141257	3.46202	0.288166	1.17826	1.17826	0.72529	1.3889	1.3889	1.0123	13.9006	12.206	1
cg11703683	CEP72	0.498574	0.933082	1.05031	1.05031	0.0882107	3.00312	3.00312	0.0813271	3.09385	3.09385	0.534506	0.692325	-1.44441	0.740861	1.21409	1.21409	0.651076	0.76634	-1.3049	0.835185	1.1295	1.1295	0.860788	0.902484	-1.10805	0.760093	0.836086	-1.19605	1.01228	5.4777	4.80998	1
cg07069312	LOC643825	0.498577	0.760618	1.09684	1.09684	0.630161	0.863916	-1.15907	0.862353	0.948862	-1.05389	0.933663	0.975153	-1.0255	0.323438	1.36136	1.36136	0.141238	1.61379	1.61379	0.0663686	1.86419	1.86419	0.848835	1.05942	1.05942	0.566825	0.839361	-1.19138	1.01228	1.46687	1.28807	1
cg03982087	RAB31	0.498585	0.215413	0.768401	-1.3014	0.454418	1.16644	1.16644	0.927409	1.01857	1.01857	0.66564	0.915906	-1.09182	0.19111	0.75604	-1.32268	0.862828	1.03556	1.03556	0.170268	0.744468	-1.34324	0.247871	1.27644	1.27644	0.807097	0.951776	-1.05067	1.01226	0.654429	0.574667	1
cg15185717	TTC18	0.498596	0.139739	1.54504	1.54504	0.791251	1.07533	1.07533	0.233352	1.40789	1.40789	0.419303	1.25348	1.25348	0.597596	0.864207	-1.15701	0.184266	0.680053	-1.47047	0.297758	1.34382	1.34382	0.878609	1.04273	1.04273	0.741903	1.0947	1.0947	1.0225	1.20652	1.05519	1
cg08173606	AMOTL2	0.498598	0.890686	0.919054	-1.08808	0.450909	0.62405	-1.60243	0.735974	0.812417	-1.23089	0.513299	1.50223	1.50223	0.175585	0.413082	-2.42082	0.714839	1.25263	1.25263	0.117085	2.84336	2.84336	0.248498	2.09697	2.09697	0.730947	1.23601	1.23601	1.01224	6.04072	5.30459	1
cg13234997	MYK;MMAB;MYK	0.498608	?	?	?	?	?	?	?	?	?	?	1.54894	1.54894	0.316879	0.15309	6.53597	0.809518	0.902353	-1.10821	0.142709	0.551745	-1.95638	0.937819	0.667273	-1.5226	0.579664	0.788169	-1.26876	0.990177	2.2081	2.54858	1
cg04147027	FAM46A	0.498613	0.689643	0.918765	-1.08842	0.783384	1.05989	1.05989	0.70065	1.06382	1.06382	0.359318	0.819605	1.2201	0.787175	1.05878	1.05878	0.980879	1.00507	1.00507	0.0388246	1.65683	1.65683	0.352162	1.22395	1.22395	0.493439	1.15812	1.15812	1.01221	0.714173	0.627316	1
cg06995624	ATP5H;KCTD2;ATP5H	0.498616	0.495527	0.895935	-1.11615	0.51998	1.10911	1.10911	0.928157	1.01442	1.01442	0.249375	0.825997	-1.21066	0.862288	0.972808	-1.02795	0.84972	1.03058	1.03058	0.149516	0.782406	-1.27811	0.11517	1.31257	1.31257	0.973635	1.00526	1.00526	1.01221	0.404204	0.354959	1
cg13799263	SDHC1	0.498625	0.821663	0.939357	-1.06482	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1
cg08336593	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF20 0;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(533T vs. N)	Fold-Change(533T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5630 vs. N)	Fold-Change(5630 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg13788062	LARP7;LARP7;LARP7;C4orf21	0.499308	0.179963	1.76811	1.76811	0.575549	1.25377	0.35277	0.382403	1.43058	1.43058	0.331054	0.660678	-1.49325	0.426411	1.38359	1.38359	0.128085	0.519086	-1.92646	0.612206	1.22676	1.22676	0.853175	0.928609	-1.07688	0.948801	1.03014	1.03014	1.01097	2.59922	2.25018	1
cg16240750	ACOX3;ACOX3	0.499313	0.282573	0.819385	-1.22043	0.727123	0.939413	-1.06449	0.762199	1.05565	1.05565	0.917121	0.01874	1.01874	0.116424	1.35575	1.35575	0.307924	1.20717	1.20717	0.136099	1.33179	1.33179	0.744909	0.943328	-1.06008	0.992156	0.998248	-1.00176	1.01096	0.509599	0.448067	1
cg15173134	SLC18A2	0.499315	0.153777	1.37263	1.37263	0.357158	0.821673	-1.21703	0.498512	1.15316	1.15316	0.195162	1.32868	1.32868	0.893555	1.02816	1.02816	0.483425	1.15919	1.15919	0.809126	0.951047	-1.05147	0.134392	1.39765	1.39765	0.400677	1.19533	1.19533	1.01095	0.688758	0.605595	1
cg01347553	CACNA2D4	0.499316	0.54012	1.51258	1.51258	0.697623	0.770562	-1.29759	0.211776	0.755736	-2.40526	0.181954	0.388572	-2.57353	0.309574	0.495797	-2.01696	0.143316	2.85562	2.85562	0.810633	0.852007	-1.1737	0.95908	0.966353	-1.03482	0.669402	0.750895	-1.33174	1.01095	7.12768	6.2671	1
cg19655510	SLC24A6G	0.499332	0.321947	0.715571	-1.39749	0.318743	0.713876	-1.4008	0.951967	0.980489	-1.0199	0.627895	0.852352	-1.17322	0.027883	0.430216	-2.32442	0.971805	0.988506	-1.01163	0.324908	0.737129	-1.39445	0.845531	0.938194	-1.06588	0.881161	0.952248	-1.05015	1.01092	1.71289	1.50611	1
cg12635510	HST	0.499339	0.540626	1.50484	1.50484	0.594994	0.701872	-1.42476	0.872514	0.899466	-1.11177	0.216356	0.423863	-2.35925	0.283088	0.4791	-2.08725	0.124172	2.99952	2.99952	0.315162	1.98429	1.98429	0.674078	0.756483	-1.32191	0.844932	0.8788	-1.13792	1.01091	6.96947	6.12822	1
cg03536961	LOC145474	0.499357	0.933724	1.05478	1.05478	0.251076	0.463491	-2.15754	0.105074	0.321204	-3.11329	0.279878	0.205512	2.05512	0.536518	1.49383	1.49383	0.750015	1.2275	1.2275	0.754897	1.21825	1.21825	0.37428	1.79463	1.79463	0.488148	1.57087	1.57087	1.01088	6.58315	5.78872	1
cg00706271	EIF4G2;EIF4G2	0.499359	0.330467	1.36309	1.36309	0.558295	1.200194	1.200194	0.241586	1.45395	1.45395	0.583416	0.842961	-1.18629	0.973893	0.989955	-1.01015	0.826725	1.06996	1.06996	0.907032	0.916884	-1.0626	0.919968	1.11558	1.11558	0.518808	1.23355	1.23355	1.01087	1.52312	1.13949	1
cg02341182	FLNC;FLNC	0.499361	0.665849	1.22985	1.22985	0.44848	0.393248	-1.00077	0.938659	0.83733	-1.09743	0.901847	1.06051	1.06051	0.597259	1.28903	1.28903	0.866458	1.08344	1.08344	0.582352	0.767605	-1.30275	0.562802	0.918545	-1.32127	0.196494	0.521891	1.01611	1.01087	3.63014	3.19209	1
cg22429776	ST7L;ST7L;CAPZA1;ST7L;ST7L;CAPZA1	0.499373	0.704733	0.879795	-1.13663	0.556115	0.818509	-1.22173	0.585582	1.20347	1.20347	0.153961	1.67102	1.67102	0.483223	0.786863	-1.27087	0.330883	0.713554	-1.40144	0.399292	0.748059	-1.33679	0.286421	1.4512	1.4512	0.310559	1.42327	1.42327	1.01085	1.81165	1.59307	1
cg14059475	PLPREPL;PREPL	0.499388	0.533935	1.1813	1.1813	0.132478	1.53629	0.563662	1.12269	1.12269	0.573999	0.861195	-1.16118	0.950906	0.983847	-1.01642	0.997855	0.618611	-1.61653	0.383993	1.20629	1.26629	0.770627	0.08039	0.828076	0.9441	-1.05921	1.01082	1.1199	0.984807	1
cg05134019	PSEN2;PSEN2	0.499388	0.696366	0.695465	-1.45043	0.0946317	0.50839	0.70839	0.0703512	0.68748	0.68748	0.900842	1.12547	1.12547	0.588092	0.955403	-1.07954	0.995559	1.00529	1.00529	0.997489	1.00299	1.00299	0.712115	0.703662	-1.42114	0.955725	0.948716	-1.05406	1.01082	14.3944	12.658	1
cg01223193	MRPL45	0.499395	0.150565	0.557104	-1.795	0.185473	0.586789	-1.70419	0.833125	1.08055	1.08055	0.586122	1.23212	1.23212	0.627692	0.830642	-1.20388	0.284835	1.52579	1.52579	0.339451	1.45327	1.45327	0.958919	1.01975	1.01975	0.428778	0.73587	-1.35894	1.01081	2.30775	2.0294	1
cg10095033	MCTP2;MCTP2;MCTP2	0.499399	0.760581	1.32732	1.32732	0.0887545	0.59395	0.659395	0.70314	1.37824	1.37824	0.0924046	0.179795	-5.5619	0.658227	1.51053	1.51053	0.486778	1.92447	1.92447	0.916758	1.10171	1.10171	0.914985	1.0982	1.0982	0.730871	1.37699	1.37699	1.0108	1.73415	12.0841	1
cg22707321	AGPAT1;AGPAT1;AGPAT1	0.499401	0.472093	1.37417	1.37417	0.3691	1.62748	1.62748	0.654321	1.42476	0.872514	0.899466	-1.11177	0.216356	0.423863	-2.35925	0.283088	0.4791	-2.08725	0.124172	2.99952	2.99952	0.315162	1.98429	1.98429	0.674078	0.756483	-1.32191	0.844932	0.8788	-1.13792	1.01091	6.96947	6.12822	1
cg21578066	ELOVL6;ELOVL6	0.499405	0.85471	0.943216	-1.0602	0.165047	0.623839	-1.60298	0.567616	1.20232	1.20232	0.833193	0.93495	-1.06958	0.214041	1.51776	1.51776	0.221986	0.66407	-1.50586	0.375896	0.748393	-1.3362	0.672051	1.14546	1.14546	0.392508	1.32231	1.32231	1.01079	1.62836	1.43198	1
cg10176011	AFAP1;AFAP1	0.499407	0.407515	0.82648	-1.20939	0.248615	1.23122	1.23122	0.791866	0.781551	-1.27934	0.242043	0.319653	-3.1284	0.178995	1.51213	1.51213	0.40753	2.2015	2.2015	0.280783	0.351968	-2.84116	0.89333	0.88253	-1.13311	0.994741	0.99388	-1.00616	1.01079	13.8889	12.2139	1
cg00072099	PPM1K	0.499408	0.421424	1.62432	-1.63429	0.793446	1.16993	1.16993	0.271041	0.503907	-1.98449	0.856588	1.11447	1.11447	0.722432	1.12378	1.12378	0.556266	0.700518	-1.42752	0.111269	0.356725	-2.80328	0.354356	1.76808	1.76808	0.282811	1.9493	1.9493	1.01079	5.72658	5.03597	1
cg13786171	DKFZp566F0947	0.499413	0.390481	0.563319	-1.77519	0.393888	1.76755	1.76755	0.231607	2.2667	2.2667	0.429716	1.69173	1.69173	0.194362	0.408418	-2.44847	0.518736	0.652677	-1.53215	0.672807	0.758028	-1.31921	0.629002	0.727952	-1.37372	0.290661	2.04464	2.04464	1.01078	6.80987	5.98868	1
cg16789160	KIF21A	0.499414	0.663213	1.0796	1.0796	0.107955	0.86834	-1.15261	0.961244	0.995142	-1.00853	0.050763	1.47614	1.47614	0.534732	1.13739	1.13739	0.971475	0.993769	-1.00627	0.817742	0.960454	-1.04117	0.932022	1.2721	1.2721	0.357885	1.17971	1.17971	1.01078	0.489108	0.430128	1
cg05944967	ATP6AP2;ATP6AP2;APLP2;APLP2;APLP2;APLP2	0.499416	0.783901	0.748336	-1.3363	0.252226	0.53006	0.53006	0.297013	0.31745	0.31745	0.618836	0.589243	-1.69709	0.628669	0.110051	-9.08671	0.899631	0.871904	-1.14692	0.61934	1.69578	1.69578	0.784703	0.749166	-1.33482	0.878322	0.747631	-1.33756	1.01077	17.8037	15.6569	1
cg21325941	AKAP13;AKAP13	0.499427	0.284677	0.634711	-1.57552	0.743219	0.874184	-1.14392	0.145769	0.527906	-1.89428	0.627665	1.22131	1.22131	0.3074	0.649084	-1.54063	0.232118	0.598936	-1.66963	0.29973	0.644295	-1.55208	0.434472	1.38569	1.38569	0.569739	1.2649	1.2649	1.01075	2.67842	2.35549	1
cg13292777	ABTB2	0.499427	0.342723	0.740169	-1.35104	0.487515	0.804841	-1.24248	0.264012	0.698817	-1.43099	0.909569	0.965612	-1.03559	0.106977	0.581796	-1.71882	0.251186	0.691014	-1.44631	0.223766	0.674753	-1.48202	0.909449	0.563743	-1.77386	0.783524	0.918728	-1.08846	1.01075	1.51661	1.33375	1
cg26745032	REP15;REP52	0.499429	0.380635	0.246087	-4.06361	0.600545	0.493798	-2.0795	0.727179	0.726457	-1.37647	0.13432	0.113172	0.22996	0.713254	0.998503	-1.00147	0.584618	0.786776	-1.27111	0.111206	0.470474	-2.12552	0.378232	1.48123	1.48123	0.818878	1.10475	1.10475	1.01078	0.023514	0.65852	1
cg24597158	GAUNT4;GAUNT4	0.49943	0.119882	0.586516	-1.70498	0.898635	0.995899	-1.00412	0.286259	1.41948	1.41948	0.817207	1.07598	1.07598	0.583437	0.839312	-1.19145	0.221986	0.66407	-1.50586	0.375896	0.748393	-1.3362	0.672051	1.14546	1.14546	0.392508	1.32231	1.32231	1.01079	1.62836	1.43198	1
cg01566216	SDC3	0.499439	0.118064	0.456349	-2.19131	0.233864	0.958001	-1.2566	0.164834	0.594153	-1.98353	0.95017	0.971525	-1.02991	0.758655	-1.27934	0.242043	0.319653	-3.1284	0.178995	1.51213	1.51213	0.40753	2.2015	2.2015	0.280783	0.351968	-2.84116	0.89333	0.88253	-1.13311	0.994741	0.99388	-1.00616	1.01079	13.8889	12.2139	1
cg20598959	MAP7D1	0.499439	0.363838	1.41014	1.41014	0.300736	0.677353	-1.48428	0.172907	0.580168	-1.70605	0.42632	1.34873	1.34873	0.175124	1.70294	1.70294	0.58581	1.24065	1.24065	0.049356	1.86327	1.86327	0.685967	1.1615	1.1615	0.450018	1.32775	1.32775	1.01074	2.17135	1.90958	1
cg12404216	TMIE	0.499438	0.528435	0.765504	-1.30633	0.579067	0.791001	-1.26422	0.388318	1.44763	1.44763	0.850295	1.08227	1.08227	0.170912	0.54333	-1.8405	0.267996	0.617081	-1.62053	0.0894461	0.456818	-2.18906	0.359641	0.67411	-1.483	0.506226	0.754131	-1.32603	1.01073	2.80226	2.46445	1
cg16389465	TMEM8A	0.499463	0.829402	-1.20574	-1.16412	0.207255	1.26215	1.26215	0.263541	0.874446	-1.14357	0.874446	-1.13788	0.687778	1.34262	1.34262	1.34262	0.561848	0.75866	-1.31806	0.0955183	0.453915	-2.2036	0.299372	0.836451	-1.19488	0.858256	0.88045	-1.13578	1.01069	0.841961	0.724111	1
cg20032056	2	0.49948	0.707408	1.15068	1.15068	0.605881	1.21377	1.21377	0.506418	1.28522	1.28522	0.496738	0.773487	-1.29285	0.635566	0.837196	-1.19446	0.669887	1.17307	1.17307	0.106972	1.92517	1.92517	0.125078	1.85518	1.85518	0.40537	0.72842	-1.37283	1.01066	2.21771	1.95051	1
cg27266664	SLITRK4	0.499483	0.25458	0.193739	-5.1616	0.970571	0.950377	-1.05221	0.936846	0.896433	-1.11553	0.221243	0.58457	0.58457	0.139528	0.96871	0.96871	0.194691	0.15067	-6.63701	0.796248	0.699776	-1.42903	0.892025	1.20609	1.20609	0.726967	0.616541	-1.62195	1.01065	30.4682	26.7974	1
cg27133094	MICAL2	0.499491	0.117861	0.435944	-2.29387	0.807477	0.15849	1.05849	0.813916	0.891118	-1.12219	0.312385	0.599948	-1.66681	0.268171	1.75749	1.75749	0.628753	1.26895	1.26895	0.175513	0.594456	-2.02242	0.909449	0.563743	-1.77386	0.783524	0.918728	-1.08846	1.01075	1.51661	1.33375	1
cg02425595	AZI2/3	0.499492	0.940663	1.03107	1.03107	0.0415715	0.645293	-1.52604	0.467915	0.659598	1.51939	0.863961	0.990985	0.990985	0.986282	1.01139	1.01139	0.977108	1.00793	1.00793	0.944292	1.01095	1.01095	0.905972	0.941704	-1.06203	0.994704	0.977702	-1.02281	1.01064	1.21229	1.06625	1
cg07505047	TMCS;TMCS;TMCS	0.499494	0.593688	1.26094	1.26094	0.324273	0.645124	-1.55009	0.469348	0.728366	-1.37294	0.550282	1.29722	1.29722	0.944157	0.970288	-1.03062	0.500067	1.34278	1.34278	0.240734	0.588298	-1.69694	0.756284	1.14345	1.14345	0.0779621	0.430276	-2.32409	1.01063	2.9674	2.60994	1
cg21687703	DDDI;DDDI;DDDI;DDDI;C20orf11	0.499496	0.904482	1.04744	1.04744	0.623621	1.07384	1.07384	0.0982791	1.29846	1.29846	0.61611	1.07621	1.07621	0.233998	1.19687	1.19687	0.556669	0.919739	-1.0896	0.834365	0.870704	1.03018	1.03018	0.0982464	1.2218	0.546184	1.09105	1.09105	1.01063	0.332069	0.282097	1
cg03134003	6;ZNF146;ZNF565;ZNF146	0.499509	0.999838	1.00001	1.00001	0.896068	1.01491	1.01491	0.150941	1.19056	1.19056	0.336559	0.914092	1.09345	0.116523	1.11623	1.11623	0.26551	1.14053	1.14053	0.0864	0.625541	1.60732	1.05732	0.144385	0.837203	-1.19445	0.484012	0.923022	-1.0834	0.901449	0.986059	-1.01414	1.01061	0.205555	0.180798	1
cg04135861	CCT4;CCT4	0.499516	0.334402	1.78655	1.78655	0.904	0.874213	1.37213	0.206526	0.532315	1.87929	0.301402	0.557641	1.79227	0.186657	0.538417	1.85864	0.868617	1.10278	1.10278	0.437374	0.6005	1.66527	1.02978	0.447726	-2.23351	0.44584	1.57297	1.57297	1.01059	5.43792	4.78303	1
cg13980233	LOC286094	0.499519	0.096273	0.427744	-2.33785	0.620327	0.79278	-1.26138	0.415738	0.679228	-1.47226	0.473999	1.40298	1.40298	0.108428	0.442052	-2.25758	0.770202	1.14591	1.14591	0.824275	1.10895	1.10895	0.714264	0.842827	-1.18648	0.347776	0.637931	-1.56757	1.01059	3.46077	3.04401	1
cg25320169	NRP2;NRP2;NRP2;NRP2;NRP2	0.499521	0.067354	0.714498	-1.39956	0.137417	0.34975	0.84975	0.0605545	0.498798	-2.0075	0.0972779	0.172647	-5.79247	0.0172779	0.172647	-5.79247	0.154507	2.13352	2.13352	0.0158433	0.488433	2.05263	0.487548	0.0515655	0.0158

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg01135648	DCAF4L1	0.5000093	0.103482	0.380488	-2.62823	0.706891	0.122751	1.225751	0.801547	1.14644	1.14644	0.746748	0.10223	1.159223	0.511463	1.43528	1.43528	0.420403	0.639742	-1.56313	0.364026	1.65895	1.65895	0.3467212	1.69184	1.69184	0.2728055	0.542223	-1.84426	1.00856	4.708223	4.14547	1
cg04160501	FOXI1	0.500102	0.156143	0.325309	-3.074	0.754955	1.2608	1.2608	0.821647	1.1819	1.1819	0.155993	0.320711	-1.31807	0.493587	0.597729	1.673	0.687945	0.741667	-1.34831	0.721665	0.767386	-1.30312	0.352182	0.492301	-2.03128	1.09954	8.76001	7.71306	1
cg18008202	MIP4;CCDC115	0.500102	0.459763	1.1823	1.1823	0.251234	1.30567	1.30567	0.466749	1.17913	1.17913	0.874746	0.965511	-1.03572	0.980156	0.994482	-1.00555	0.186709	1.36535	1.36535	0.363849	0.8125514	-1.23075	0.292118	1.27531	1.27531	0.114971	1.46425	1.46425	1.00954	0.791488	0.696895	1
cg20784207	ARHGAP24	0.500191	0.25459	0.4943	-2.02306	0.621957	1.34232	1.34232	0.302751	1.531355	-1.88198	0.803647	0.862851	-1.1978	0.285542	0.518402	-1.92901	0.799109	0.859857	-1.16208	0.0407688	0.2468851	-4.05103	0.726511	0.812207	-1.23121	0.713805	0.816943	-1.22408	1.00953	5.60966	4.93931	1
cg04850996	ARFGEF1	0.500116	0.36487	0.887802	-1.12638	0.370831	1.12463	1.12463	0.113787	1.23112	1.23112	0.220275	0.841917	-1.18777	0.454972	1.10216	1.10216	0.760652	1.03982	1.03982	0.422739	0.900628	-1.11034	0.926972	1.01179	1.01179	0.688452	0.949788	-1.05287	1.00952	0.261202	0.22999	1
cg25580656	ZFYVE21	0.500123	0.265241	0.257555	-1.88267	0.857952	0.811066	-1.23295	0.208869	0.93091	0.93091	0.954021	0.934825	-1.06972	0.272306	0.283081	-1.70973	0.498406	0.447839	-2.22595	0.110352	0.130837	-7.64312	0.45641	0.412065	-2.4268	0.417154	0.379039	-2.63581	1.00951	2.41331	1.92332	1
cg08219486	RPTOR;RPTOR	0.500124	0.594297	1.15117	1.15117	0.172561	1.46253	1.46253	0.216873	1.40532	1.40532	0.341342	1.29274	1.29274	0.143928	1.15853	1.15853	0.124602	1.54559	1.54559	0.139843	1.5159	1.5159	0.717238	1.09992	1.09992	0.644149	1.12953	1.12953	1.0095	1.09642	0.965422	1
cg15721728	LK14L4RPB1K	0.500129	0.684171	1.06969	1.06969	0.917517	1.02057	1.02057	0.483602	0.8669443	-1.15036	0.0749378	0.677234	-1.47652	0.559601	0.890554	-1.1229	0.674021	1.08788	1.08788	0.476571	1.15285	1.15285	0.790549	1.0537	1.0537	0.148226	0.737284	-1.35633	1.0095	0.617418	0.543654	1
cg12645607	MCC2	0.500138	0.783704	0.937209	-1.067	0.74337	1.16152	1.16152	0.655622	1.13159	1.13159	0.72786	0.929966	0.761723	0.07446	1.07446	1.07446	0.105047	1.51808	1.51808	0.280982	1.6579	-1.30225	0.815189	0.05673	1.05673	0.134987	1.46194	1.46194	1.00948	0.888047	0.781963	1
cg03208707	VPS13D;VPS13D	0.500138	0.0721164	2.1919	2.1919	0.310029	0.663193	-1.50786	0.635947	0.829919	-1.20494	0.681328	1.17519	1.17519	0.425324	0.727397	-1.37477	0.888057	1.05661	1.05661	0.740254	1.13891	1.13891	0.565871	0.796997	-1.25471	0.1340118	0.665587	-1.50243	1.00948	2.44371	2.15179	1
cg09915444	C2CD4A;C2CD4A	0.500142	0.3083449	0.1809016	0.1809016	0.1484885	0.189074	1.189074	0.1485145	0.2434603	0.2434603	0.1485145	0.2434603	0.1485145	0.1485145	0.2434603	0.2434603	0.6499111	1.5000	1.5000	0.6415158	1.525133	1.525133	0.6832655	1.5183	1.5183	0.6639991	1.53999	1.53999	1.00947	12.9553	11.4078	1
cg11340371	ABCB7	0.500154	0.208541	0.383065	-2.61052	0.7007	0.756137	-1.32251	0.184346	0.360906	-2.77081	0.142943	0.32526	1.32526	0.58357	1.49283	1.49283	0.495224	0.605783	-1.65076	0.745202	1.26618	1.26618	0.538369	0.637064	-1.5697	0.682478	1.34675	1.34675	1.00945	8.37471	7.3745	1
cg16929139	RNF125	0.500155	0.517301	0.707317	-1.41379	0.128363	0.410263	1.37152	0.6456	0.664633	-1.50459	0.980806	1.02722	1.02722	0.903807	1.06552	1.06552	0.644725	0.780528	-1.27628	0.155663	1.22146	1.22146	0.74107	1.19032	1.19032	0.2735313	1.820955	1.82095	1.00945	4.41323	3.886616	1
cg04126337	RPRD1B	0.500157	0.362259	0.5158888	-1.9384	0.706057	0.764607	-1.30786	0.510444	0.623204	-1.60461	0.0463343	0.199495	-5.01266	0.482197	0.65859	1.65859	0.559627	1.51874	1.51874	0.616969	0.7010847	-1.42636	0.885811	1.10714	1.10714	0.35054	0.506298	-1.97512	1.00944	8.02174	7.06372	1
cg25635139	RBCK1;RBCK1	0.500158	0.625077	1.20236	1.20236	0.0775536	0.479632	-2.08493	0.681476	0.856901	-1.16699	0.750692	0.887561	-1.12668	0.814157	0.915844	-1.09188	0.451511	0.750481	-1.33248	0.160406	1.7566	1.75266	0.858377	1.06912	1.06912	0.518186	1.27778	1.27778	1.00944	2.23854	1.97119	1
cg03839661	MGC45800	0.500163	0.628245	0.8927	-1.12016	0.264707	0.76226	-1.31189	0.15105	0.78536	-1.2733	0.881285	1.03536	1.03536	0.844001	0.955156	-1.04693	0.801253	0.943028	-1.06041	0.0353979	0.5703753	1.53553	1.53553	0.416009	1.30299	1.30299	0.366362	1.241	1.241	1.00943	3.864644	3.76139	1
cg00235442	PTPRN2;PTPRN2;PTPRN2	0.500186	0.103123	0.249795	-4.00328	0.254394	0.396175	-2.52414	0.489921	0.579464	-1.72573	0.347413	0.471087	-2.12275	0.339036	0.464547	-2.15264	0.828254	1.18416	1.18416	0.089127	0.2325562	-4.29992	0.957947	1.04188	1.04188	0.38851	0.502791	-1.9889	1.00939	9.67647	8.52126	1
cg23912721	HAC1;1-BTD	0.500191	0.904466	0.970618	-1.03027	0.057393	0.586342	-1.70549	0.488951	0.839796	-1.19077	0.161726	0.689958	-1.44936	0.541709	0.858428	-1.16492	0.714204	0.912696	-1.09566	0.324263	0.77659	-1.28768	0.554048	0.863862	-1.16028	0.44663	1.21355	1.21355	1.00938	0.986167	0.869445	1
cg08431011	RUNX1	0.500192	0.147888	0.42078	1.40278	0.401333	1.35078	1.35078	0.65913	0.856083	-1.16811	0.514385	0.753988	-1.32642	0.229124	1.55544	1.55544	0.176463	1.65368	1.65368	0.347733	1.40273	1.40273	0.115744	1.81932	1.81932	0.56924	1.22306	1.22306	1.00938	1.958873	1.72491	1
cg26440361	ORAI1	0.500196	0.550179	1.20654	1.20654	0.442795	1.27512	1.27512	0.124832	1.67537	1.67537	0.453367	0.788808	-1.26774	0.537535	0.823747	-1.21397	0.462897	0.792886	-1.26122	0.479316	0.799831	-1.25026	0.187728	0.648179	-1.54278	0.804808	0.92598	-1.07994	1.00938	1.54205	1.35798	1
cg01137347	VPS26A;VPS26A	0.500202	0.413302	0.846095	-1.18203	0.378355	1.18584	1.18584	0.115215	1.40837	1.40837	0.148079	1.03184	1.03184	0.904203	0.970643	-1.03183	0.754009	0.810878	-1.23351	0.0170981	0.2114566	1.01308	0.079071	1.47479	1.47479	0.715463	1.07565	1.07565	1.00936	0.6393	0.562818	1
cg23516537	RSPH6A	0.500204	0.411975	0.871567	-1.14736	0.557386	-1.30735	0.132551	0.184346	0.360906	-2.77081	0.142943	0.32526	1.32526	0.58357	1.49283	1.49283	0.495224	0.605783	-1.65076	0.745202	1.26618	1.26618	0.538369	0.637064	-1.5697	0.682478	1.34675	1.34675	1.00945	8.37471	7.3745	1
cg24996283	ITPR3	0.500209	0.3056809	0.5328671	-1.87664	0.179489	0.428292	1.33445	0.2809052	0.5043413	0.98339	0.0146468	0.346277	-2.87128	0.0009501	0.3383202	-2.95604	0.2326313	0.469746	-2.12881	0.0078256	0.3727165	-2.68303	0.1750241	0.8095665	-1.23524	0.4728866	0.647788	-1.54322	0.03535	0.654518	0.4979	0.388816	1
cg08363605	SLC27A2;SLC27A2	0.500212	?	?	?	0.619348	1.20108	1.20108	0.156892	0.571767	-1.74897	0.452725	0.755543	-1.32355	0.672606	1.16818	1.16818	?	?	?	0.553616	0.803048	-1.24526	0.325652	1.45161	1.45161	0.327906	1.44891	1.44891	0.9995583	1.60949	1.61017	1
cg09974304	UBE2;UBE2J1;UBE2U;UBE2I	0.500229	0.585914	0.643434	-1.55416	0.181999	3.11277	3.11277	0.205595	2.9165	2.9165	0.682998	1.38975	1.38975	0.134889	0.274722	-3.64005	0.507039	1.71525	1.71525	0.838856	1.17729	1.17729	0.390878	2.02326	2.02326	0.891934	1.11512	1.11512	1.00932	10.271	9.04548	1
cg28289346	GRM4	0.500236	0.2986236	0.778811	-1.28401	0.40359	1.62772	1.62772	0.214586	1.30586	2.10586	0.688434	1.2583	1.2583	0.765535	0.8432466	-1.18587	0.2532468	1.97411	1.97411	0.123987	0.3869181	-2.58452	0.521267	1.44858	1.44858	0.5902777	0.733566	1.3632	1.0093	1.51907	1.43406	1
cg07143559	PGBD5	0.500241	0.994823	1.00429	1.00429	0.0317123	1.26878	1.26878	0.197375	2.45781	2.45781	0.678303	1.3172	1.3172	0.484973	1.59728	1.59728	0.560035	1.47536	1.47536	0.666729	1.33098	1.33098	0.391944	1.78392	1.78392	0.866745	0.895094	-1.1172	1.00929	6.96151	6.13103	1
cg06088401	ADAT1	0.500243	0.916363	1.0236	1.0236	0.0849108	0.760313	-1.81525	0.567781	0.832081	1.03081	0.0757373	0.938898	-1.1058	0.484023	0.8494114	-1.18771	0.740868	1.06982	1.06982	0.0646403	0.8354518	-1.1657	0.864003	0.965872	-1.03533	0.90029	0.916715	0.582775	1.00929	0.164715	0.582775	1
cg00139242	RPS6KA2	0.500243	0.407308	0.370376	-1.11478	0.452115	1.12146	1.12146	0.459749	0.893682	-1.11897	0.112905	1.29393	1.29393	0.833095	1.03202	1.03202	0.880363	1.97759	1.02275	0.34065	1.15794	1.15794	0.162465	1.24946	1.24946	0.606015	0.925245	1.0808	1.00929	0.356493	0.313966	1
cg12681932	UBP1;UBP1;UBP1	0.500258	0.33108	1.26988	1.26988	0.728509	0.920334	-1.08656	0.396196	1.22998	1.22998	0.706529	1.0943	1.0943	0.108941	0.659357	-1.51663	0.679772	1.10394	1.10394	0.326667	0.7856644	-1.27284	0.483274	1.185	1.185	0.336674	1.26618	1.26618	1.00926	0.907272	0.799061	1
cg26801057	PJNK7	0.500264	0.5605903	0.9988183	1.0011	0.971889	1.03898	1.03898	0.5615041	1.1121	1.1121	0.1800305	-3.32994	0.872911	0.1321	0.1489107	-6.71746	0.579661	1.072926	1.072926	0.9215454	0.9645403	-1.04448	0.771427	1.17988	1.17988	0.589402	1.36261	1.36261	1.00925	5.15408	4.5394	1
cg20639611	STSGAL1;ST3GAL1	0.500264	0.815739	1.04857	1.04857	0.956368	1.01187	1.01187	0.683928	1.08671	1.08671	0.553471	0.885342	-1.12951	0.736824	1.07093	1.07093	0.479974	1.864263	-1.15706	0.351992	1.21513	1.21513	0.720938	0.929721	-1.07559	0.0397581	0.616929	-1.62093	1.00925	0.65975	0.581067	1
cg24921785	TADA3;TADA3	0.500265	0.963054	1.01024	1.01024	0.260705	0.772647	-1.29425	0.463471	1.17831	1.17831	0.267443	1.2892	1.2892	0.719927	0.923885	-1.08239	0.663328	1.1011	1.1011	0.169458	0.7248825	-1.37964	0.185349	1.36182	1.36182	0.952938	0.987107	-1.01306	1.00925	0.772785	0.680623	1
cg06174144	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.500266	0.713332	0.91582	-1.09192	0.775866	1.07039	1.07039	0.235463	1.34489	1.34489	0.337335	1.26583	1.26583	0.698727	1.09712	1.09712	0.399823	1.22801	1.22801	0.0345346	1.7994	1.79938	0.972268	1.00832	1.00832	0.643734	1.11738	1.11738	1.00925	0.907781	0.799522	1
cg05376860	NCRNA00188;NCRNA00188;NCRNA0088;NCRNA00188;NCRNA00188;NCRNA0088;NCRNA00188;NCRNA00188	0.500027	0.113609	0.43264	-2.31139	0.727336	0.843361	-1.18573	0.939585	0.963781	-1.03758	0.6479	0.799495	-1.25079	0.261464	0.565565	-1.76814	0.286584	0.583582	-1.71355	0.29684	0.590725	-1.69284	0.845133	0.909212	-1.09985	0.063551	0.362313	-2.76004	1.00924	3.78601	3.33453	1
cg11653314	RPS6KA3	0.500283	0.223828	0.206075	-4.8526	0.258613	0.232976	-4.29229	0.855492	1.25272	1.25272	0.179282	0.83093	0.83093	0.241711	4.5475	4.5475	0.317301	0.278683	-3.58831	0.799672	0.7303902	-1.3693	0.980206	0.969802	-1.03114	0.987675	1.01927	1.01927	1.00922	24.4175	21.5062	1
cg16255156	FAM19A3;FAM19A3	0.500283	0.0729517	0.1999	0.1999	0.1484885	0.189074	1.189074	0.1485145	0.2434603	0.2434603	0.1485145	0.2434603	0.1485145	0.1485145	0.2434603	0.2434603	0.5204606	0.69139	-1.44684	0.157747	0.4253366	-2.35091	0.585877	0.7234272	-1.36524	0.460686	0.653748	1.32982	1.32982	1.00922	0.718887	0.63054	1
cg15270851	CARS2	0.500285	0.873609	1.01493	1.01493	0.495777	1.00649	1.00649	0.688419	1.0385	1.0385	0.0404082	1.24648	1.24648	0.207892	1.13155	1.13155	0.819555	0.978959	-1.02149	0.861983	0.936935	-1.01633	0.926823	1.00859	1.00859	0.249112	1.11864	1.11864	1.00922	0.13845	0.121943	1
cg02077561	RNF207	0.500289	0.785987	0.9788	-1.02168	0.0975284	0.528158	-1.89253	0.0954868	0.440634	-2.33505	0.0954868	0.249436	-4.01407	0.0954868	0.440634	-2.27	0.7738729	1.39	1.39	0.0455931	0.3862664	-2.5882	0.0455931	0.1264	1.2164	0.0455931	0.1264	1.2164	1.00922	0.0455931	0.1264	0.0455931	1
cg16593556	DNAH7	0.50029	0.621303	1.11458	1.11458	0.111894	1.45808	1.45808	0.0862718	1.51112	1.51112	0.866758	1.03726	1.03726	0.543286	1.14342	1.14342	0.688187	1.09186	1.09186	0.267981	0.7777748	-1.28576	0.903332	1.02682	1.02682	0.754486	1.07073	1.07073	1.00921	0.758467	0.668042	1
cg08131642	PPP2R2C	0.500291	0.13309	0.46536	-2.14887	0.814719	0.895105	-1.11719	0.641842	0.24747	0.24747	0.154194	2.06568	2.06568	0.50068	0.724214	-1.38081	0.977731	1.01326	1.01326	0.274376	0.584568	-1.71066	0.354586	0.637902	-1.56764	0.811438	1.11943	1.11943	1.0092	3.56173	3.13711	1
cg09416109	CXCL1	0.500292	0.962318	0.88898	-1.12469	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	0.0888	1.00921	0.0888	0.0888	0.0888	1
cg26111757	C20orf185	0.500295	0.566857	0.84318	-1.18599	0.584437	1.17673	1.17673	0.647164	1.14545	1.14545	0.542538	0.833899	-1.19919	0.52897	1.20677	1.20677	0.842067	1.75582	1.75582	0.0997375	1.70161	1.70161	0.528964	1.20677	1.20677	0.559955	1.18968	1.18968	1.0092	1.38781	1.22236	1
cg16633859	TSPO;TSPO;TSPO	0.500298	0.916383	1.01528	1.01528	0.0849108	0.760313	-1.81525	0.567781	0.832081	1.03081	0.0757373	0.938898	-1.1058	0.484023	0.8494114	-1.18771	0.740868	1.06982	1.06982	0.0646403	0.8354518	-1.1657	0.864003	0.965872	-1.03533	0.90029	0.916715	0.582775	1.00921	0.164715	0.582775	1
cg00432606	DPM859	0.503	0.457396	0.87748	-1.11963	0.695556	1.07028	1.07028	0.568109	0.905159	-1.10478	0.986019	1.00303	1.00303	0.623583	1.07289	1.07289	0.945788	1.01181	1.01181	0.047164	0.6574551	-1.48049	0.673681	0.929464	-1.07589	0.268686	1.22013	1.22013	1.00919	0.476731	0.419903	1
cg02659086	GSTP1	0.500302	0.0383587	0.438705	-2.27943	0.726461	0.886396	-1.12816	0.863304	1.06095	1.06095	0.396087	1.34769	1.34769	0.545596	1.23369	1.23369	0.720968	0.884141	-1.13104	0.837689	1.07297	1.07297	0.501798	1.26372	1.26372	0.852748	0.938195	-1.06588	1.00918	1.884422	1.65962	1
cg03372815	CD99L2;CD99L2;CD99L2	0.500306	0.0783546	0.136546	-7.32352	0.948199	0.935985	-1.06839	0.952968	1.03451	1.03451	0.16069	1.84648	1.84648	0.760108	1.35492	1.35492	0.178636	0.233415	-4.28422	0.87866	1.16831	1.16831	0.957166	0.946779	-1.05621	0.713908	0.687348	-1.45487	1.00918	16.5704	14.5952	1
cg07754980	FAM54A;FAM54A	0.500309	0.585854	0.8504	-1.17591	0.4911	1.13313	1.13313	0.53094	1.24544	1.24544	0.774543	1.09243	1.09243	0.15423	1.04029	1.04029	0.090317	0.868228	-1.1517	0.082707	0.8596023	-1.16329	0.934582	1.01544	1.01544	0.302196	1.21717	1.21717	1.00917	0.654729	0.479871	1
cg21581873	PLEKHA6	0.500314	0.892257	1.03689	1.03689	0.0836227	1.66835	1.66835	0.760493	1.08518	1.08518	0.274235	1.35542	1.35542	0.22313	1.408	1.408	0.728434	0.911035	-1.09765	0.339761	0.76874	-1.30083	0.336519	1.30328	1.30328	0.623083	1.14159	1.14159	1.00916	1.14203	1.00592	1
cg00788082	SBNO2	0.500322	0.691792	1.17792	1.17792	0.162869	1.86035	1.86035	0.774227	0.887052	-1.12733	0.332436	0.691042	-1.51689	0.383568	0.681958	-1.46648	0.488922	0.94087	1.05444	0.627339	0.9155632	-1.22614	0.809096	0.946009	-1.05707	0.254721	0.609224	-1.64143	1.00915	0.27755	0.24475	1
cg25482967	MRPS10	0.500326	0.230755	1.28815	1.28815	0.546555	1.22189	1.22189	0.143727	0.707085	-1.41426	0.536202	1.13446	1.13446	0.848167	0.905213	-1.03936	0.401058	0.84104	-1.189	0.718756	0.9297517	-1.07556	0.669013	1.09048	1.09048	0.40635	1.1866	1.1866	1.00914	0.648349	0.571089	1
cg12581662	ZNF565;ZNF146;ZNF146;ZNF565;ZNF14	0.500327	0.980832	0.995179	-1.00484	0.376557	1.20025	1.20025	0.530821	0.880109	-1.13622	0.15452	1.35872	1.35872	0.977298	0.994292	-1.00574	0.823436	0.956043	-1.04598	0.154729	0.7361135	-1.35848	0.219524	1.29656	1.29656	0.603645	1.11111	1.11111	1.00914	0.646684	0.569623	1
cg22064451	TUBA1A	0.500335	0.241499	0.540727	-1.84936	0.165757	2.09861	2.09861	0.271439	1.77562	1.77562	0.955663	0.972503	-1.02827	0.644849	0.792343	-1.26208	0.796091	1.13868	1.13868	0.329903	0.603972	-1.65571	0.819838	1.1212	1.1212	0.246524	1.83625	1.83625	1.00913	4.01951	3.54059	1
cg08991965	PTN	0.500336	0.301344	0.878178	-1.13878	0.756852	1.17883	1.17773	0.572295	0.883199	-1.13226	0.79538	0.837693	-1.19376	0.629283	0.9335284	-1.07053	0.826269	1.59483	1.59483	0.742502	0.8418474	-1.18783	0.920422	1.01903	1.01903	0.805345	0.879054	-1.13759	1.00912	4.43638	3.83732	1
cg00891459	HNRNPR;HNRNPR;HNRNPR;HNRNPR	0.50034	0.998028	0.999411	-1.00059	0.556222	1.15237	1.15237	0.28618	1.30202	1.30202	0.351942	1.2564	1.2564	0.49156	1.18112	1.18112	0.255775	1.32667	1.32667	0.0839167	0.633992	-1.57731	0.935616	0.980933	-1.01944	0.9217	1.0237	1.0237	1.00912	0.907385	0.799278	1
cg22112918	KIFC1	0.500344	0.397897	0.80805	-1.25375	0.423814	0.817797	-1.2228	0.460691	0.830948	-1.20345	0.10779	0.649157	-1.54051	0.145217	0.680341	-1.46985	0.987771	1.00378	1.00378	0.943814	1.212732	1.212732	0.261574	0.749556	-1.33412	0.344039	0.78663	-1.27125	1.00911	0.968975	0.853535	1
cg26225478	UPCAT1	0.500355	0.483866	0.8708	-1.14835	0.5196	1.16486	1.16486	0.562658	1.13193	1.13193	0.734059	1.23932	1.23932	0.388053	1.26454	1.26454	0.154611	0.854551	1.17044	0.0560339	0.8087314	-1.23659	0.722881	1.22883	1.22883	0.717169	1.23759	1.23759	1.00909	5.68747	4.83381	1
cg13232118	MIR149;PP14571;GPC1	0.500359	0.394911	0.669043	-1.49467	0.575786	1.29791	1.29791	0.780043	1.13757	1.13757	0.881252	0.933374	-1.07138	0.0800488	0.408276	-2.44933	0.807497	1.11918	1.11918	0.108726	0.446224	-2.24103	0.942106	0.967054	-1.03407	0.663405	1.22383	1.22383	1.00908	3.40021	2.9952	1
cg05634404	EIF2B3;EIF2B3;EIF2B3;EIF2B3	0.500363	0.710839	0.954039	-1.04813	0.498675	1.07558	1.07558	0.0858	0.856207	-1.16782	0.0772237	0.807052	-1.12733	0.332436	0.691042	-1.44768	0.488922	0.94087	1.05444	0.627339	0.9155632	-1.22614	0.809096	0.946009	-1.05707	0.254721	0.609224	-1.64143	1.00915	0.27755	0.24475	1
cg11380328	PAG1	0.500367	0.750199	0.705706	-1.41702	0.811443	0.82482	2.24832	0.0720888	0.94129	0.94129	0.911858	0.894764	-1.11761	0.932055	0.9111146	-1.09752	0.643324	0.60119	-1.66337	0.798458	1.32209	1.32209	0.913227	0.887854	-1.12631	0.939584	0.916075	-1.09161	1.00907	19.0303	16.7638	1
cg27346356	CLIP2	0.500367	0.268114	0.320946	-3.11579	0.195164	0.259247	-3.85732	0.736255	0.716726	-1.39523	0.364707	0.399453	-2.50342	0.132723	0.202245	-4.94449	0.179198	0.245175	-4.07873	0.114791	0.1845851	-5.41756	0.242643	0.299779	-3.33579	0.500719	0.509598	-1.96086	1.00907	15.513	13.6654	1
cg02452796	ANKRD5;ANKRD5	0.500369	0.617824	1.0509	1.0509	0.294647	0.898276	-1.1324	0.162499	0.863143	-1.15856	0.978217	0.775525	-1.28965	0.0977322	0.6144554	-1.62744	0.4143883	0.7995	1.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	1.00907	0.0004	0.0004	0.0004	1
cg04824390	RANBP9	0.500371	0.897354	0.978268	-1.02222	0.0820869	1.3914	1.3914	0.771655	0.951668	-1.05079	0.807868	0.959372	-1.04235	0.319205	1.19154	1.19154	0.134

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1216 vs. N)	Fold-Change(1216 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00001161	PEBP4	0.500796	0.799334	0.899794	-1.19333	0.424134	1.96189	1.76189	0.631627	1.39817	1.39817	0.980985	0.983599	-1.01667	0.09773	1.283492	-1.52743	0.442551	0.580851	-1.72261	0.196493	0.387682	-1.57943	0.203816	0.392521	-2.54763	0.839445	1.15114	1.1083	7.68802	6.77753	1
cg05404792	MT1L	0.500814	0.511629	1.28012	1.28012	1.114853	1.88911	1.88911	0.282164	1.51379	1.51379	0.784832	1.10686	1.10686	0.146342	1.78329	1.78329	0.445323	1.33461	1.33461	0.077545	2.07067	2.07067	0.713726	1.14648	1.14648	0.903619	1.04597	1.04597	1.08827	2.19781	1.93759	1
cg01052636	PDE6B;PDE6B	0.500814	0.28335	0.606239	-1.64951	0.333806	0.639164	-1.56454	0.660004	0.819739	-1.2199	0.235226	1.74821	1.74821	0.349792	0.649115	-1.54056	0.212423	0.554492	-1.80345	0.242552	0.577445	-1.73177	0.313377	0.626134	-1.5971	0.717762	1.17701	1.17701	1.00827	3.21918	2.83821	1
cg25934581	PGM2	0.500816	0.959579	1.01615	1.01615	0.359314	0.742353	-1.34707	0.220742	0.665681	-1.50222	0.83769	0.66099	0.669099	0.141982	1.64771	1.64771	0.693933	1.13345	1.13345	0.284516	1.42309	1.42309	0.351065	0.738115	-1.35444	0.598004	0.845189	-1.18317	1.08227	1.5956	1.40669	1
cg19384492	LPPR1;LPPR1	0.500823	0.388806	1.63276	1.63276	0.758004	0.824914	-1.18636	0.919235	1.05792	1.05792	0.159415	2.30407	2.30407	0.619481	1.32034	1.32034	0.165136	2.37478	2.37478	0.058964	1.32696	1.32696	0.669524	1.26913	1.26913	0.621037	1.31868	1.31868	1.08225	4.9206	4.33806	1
cg18949886	MXRA5	0.500832	0.861753	0.935499	-1.08695	0.676223	0.851581	-1.17429	0.126915	0.531784	-1.88046	0.294917	0.659997	-1.51516	0.902217	0.954071	-1.04814	0.998626	1.00066	1.00066	0.120105	0.524663	-1.90598	0.569283	1.2461	1.2461	0.318321	1.48371	1.48371	1.08224	3.26037	2.05999	1
cg02528159	PAQR4 SEC31A;SEC31A;SEC31A;SEC31A;SEC31	0.500833	0.352392	0.622249	-1.60707	0.342494	1.62392	1.62392	0.289857	1.72393	1.72393	0.616457	0.778522	-1.28448	0.0724043	0.370138	-2.7017	0.857642	1.09309	1.09309	0.556358	0.744564	-1.34307	0.87213	1.08313	1.08313	0.719947	0.83654	-1.1954	1.10823	3.92444	3.4599	1
cg12923613	A	0.500836	0.373208	0.866113	-1.15458	0.915575	1.01681	1.01681	0.330063	1.17121	1.17121	0.918491	0.984033	-1.01623	0.512031	1.11023	1.11023	0.994089	1.00117	1.00117	0.311766	1.05068	1.05068	0.850058	-1.17639	0.410594	1.14146	1.14146	0.743965	1.36694	1.36694	1.08823	0.394802	0.34807	1
cg01290459	IFIT5	0.500843	0.829081	1.06302	1.06302	0.383637	0.775971	-1.28871	0.431266	1.2549	1.2549	0.7926	1.07731	1.07733	0.036598	1.9869	1.9869	0.711943	1.11053	1.11053	0.608242	0.864035	-1.15736	0.633371	1.14549	1.14549	0.828086	0.940377	-1.0634	1.08222	1.27586	1.12486	1
cg14356190	FREM1	0.500854	0.946204	0.968156	-1.03295	0.59288	0.975358	-1.02537	0.460552	1.40292	1.40292	0.571202	0.990594	1.01158	0.887485	1.0069	1.0069	0.824669	1.11228	1.11228	0.216076	1.86532	1.86532	0.599145	1.09655	1.09655	0.972343	0.983511	-1.01676	1.0882	3.67344	3.23786	1
cg01952144	ERAP1;ERAP1	0.500855	0.40503	0.690068	-1.44913	0.224977	0.574109	-1.74183	0.783999	0.887238	-1.12708	0.553146	1.54151	1.54151	0.165245	1.90503	1.90503	0.317761	0.637844	-1.56778	0.535416	1.31427	1.31427	0.458867	0.720068	-1.38876	0.784851	1.12655	1.12655	1.0882	3.02739	2.66914	1
cg01275521	DCLK2;DCLK2	0.500857	0.568409	0.824387	-1.21317	0.815833	1.08135	1.08135	0.083362	0.529106	1.88921	0.314554	0.740755	1.35076	0.421307	1.31706	1.31706	0.684724	0.872102	1.14655	0.42	1.38097	1.38097	0.943141	1.38736	1.38736	0.675103	0.868207	-1.1518	1.08819	1.79458	1.58222	1
cg11911220	NCOA2	0.500864	0.477075	1.23573	1.23573	0.79245	1.08027	1.08027	0.733606	0.904825	-1.10519	0.834205	1.06329	1.06329	0.32075	0.74055	1.35035	0.622003	0.864596	-1.15661	0.318231	0.74899	-1.33513	0.445898	1.25544	1.25544	0.069715	1.81098	1.81098	1.08818	3.36867	3.20973	1
cg12432709	CCDC68	0.500877	0.543432	0.745613	-1.34118	0.784374	1.11986	1.11986	0.986669	1.00801	1.00801	0.240744	0.556445	-1.79712	0.124489	0.4521	-2.2119	0.464266	1.42691	1.42691	0.466705	0.702221	-1.42405	0.264123	0.777263	-1.28574	0.843892	1.04223	-1.04223	2.31362	1.08816	3.63731	3.20701	1
cg01290478	TBC1D	0.500880	0.478702	0.863142	-1.15856	0.778025	1.07335	1.07335	0.526534	1.08241	1.08241	0.160264	0.525633	-1.90256	0.144238	0.254071	-3.93713	0.253995	0.783058	-1.27704	0.227203	0.771763	-1.29574	0.384681	1.19978	1.19978	0.639267	0.908031	-1.10128	1.08314	0.668602	0.587928	1
cg16175941	CNKSR3	0.500883	0.20912	0.372002	-2.68816	0.169278	0.334959	-2.98544	0.730181	0.772138	-1.2951	0.494601	1.67873	1.67873	0.160619	0.326469	-3.06308	0.402983	0.527689	-1.89506	0.141494	0.307006	-3.25726	0.966435	0.969059	-1.03193	0.979047	0.980575	-1.01981	1.08183	8.90746	7.85392	1
cg02884524	ANKFY1	0.500898	0.636593	1.11568	1.11568	0.503483	1.14502	1.14502	0.843974	0.955691	-1.04636	0.602811	1.62799	1.62799	0.984866	0.995647	-1.00437	0.679293	0.908812	-1.10034	0.097192	1.51829	1.51829	0.921857	1.02282	1.02282	0.791356	0.940841	-1.06288	1.08812	0.844606	0.744714	1
cg21667878	IGF2;IGF2AS;IGF2;IGF2;IGF2AS;IGF2	0.500898	0.611797	1.52597	1.52597	0.925964	1.07977	1.07977	0.66932	1.42602	1.42602	0.392276	2.06212	2.06212	0.112254	0.239142	-4.16992	0.727203	0.748859	-1.33536	?	?	?	0.478626	1.8127	1.8127	0.169991	3.34324	3.34324	0.998359	9.58403	9.59978	1
cg04732465	CEP152	0.500908	0.837597	1.06372	1.06372	0.704429	0.874732	-1.1439	0.465395	1.2177	1.2177	0.464161	1.45631	1.45631	0.127024	0.685703	-1.45802	0.460252	1.24531	1.24531	0.132083	0.62233	-1.60687	0.677883	1.12963	1.12963	0.958589	1.01527	1.01527	1.0881	1.35955	1.19878	1
cg04083575	DPP6;DPP6	0.500939	0.330092	0.418697	-2.38836	0.967442	1.03558	1.03558	0.426449	0.496215	-2.01526	0.356113	2.27334	2.27334	0.526127	0.57535	-1.73807	0.681971	1.42416	1.42416	0.170861	0.728622	-1.58909	0.556478	1.6678	1.6678	0.216716	3.10829	3.10829	1.07388	11.4837	7.37634	1
cg20549079	CARS2	0.500953	0.666378	0.87587	-1.13281	0.634766	0.844548	1.08135	0.184335	0.883362	0.529596	1.90152	0.314554	3.18076	0.140755	0.533193	0.662853	0.748665	1.33562	1.33562	0.138238	0.89748	1.11423	0.896433	0.89748	1.11423	0.896433	0.912213	1.01213	0.648555	0.629865	-1.58764	0.63802	0.597569	1
cg08917060	C1orf53	0.500958	0.034438	0.410779	-2.4344	0.713524	0.875467	-1.14225	0.778758	1.10693	1.10693	0.924149	0.966235	-1.03495	?	?	?	0.8668	0.941249	-1.06242	0.616803	0.833629	-1.19957	0.547197	0.802744	-1.24573	0.521364	1.26419	1.26419	0.998249	1.8283	1.8315	1
cg15756653	SGCA;SGCA;SGCA;SGCA	0.500996	0.385511	0.781207	-1.28007	0.608116	1.5127	1.5127	0.399145	1.26936	1.26936	0.426383	0.790883	-1.26159	0.93	0.785225	-1.27352	0.677506	1.1225	1.1225	0.284861	1.35928	1.35928	0.425458	0.798609	-1.25218	0.538876	0.842049	-1.18758	1.08081	1.2189	1.07486	1
cg10044630	PRUNE2	0.500965	0.973939	1.02604	1.02604	0.709751	0.929534	-1.08034	0.282001	1.58166	1.58166	0.618284	1.08223	1.08223	0.668943	0.924537	-1.08161	0.929555	1.07554	1.07554	0.582088	1.0569	1.0569	0.946516	0.978352	-1.27629	0.282471	1.3812	1.3812	1.0881	1.33488	1.17716	1
cg11889119	KCNC1;KCNC1	0.500969	0.228994	0.73573	-1.35919	0.409547	0.814619	-1.22757	0.955252	0.986451	-1.01373	0.839935	0.952026	-1.05039	0.208289	0.72434	-1.38057	0.702061	0.910795	-1.09794	0.155259	0.60093	-1.44732	0.110694	0.655394	-1.5258	0.481126	1.19015	1.19015	1.08799	0.943448	0.831972	1
cg23468959	SYNA1;SYNA1;SYNA1	0.500973	0.90923	1.01602	1.01602	0.113754	1.36408	1.36408	0.863364	1.03206	1.03206	0.17669	1.29621	1.29621	0.545108	0.88553	-1.11663	0.914719	1.0199	1.0199	0.043232	1.32621	1.32621	0.774977	1.22484	1.22484	0.404029	1.16538	1.16538	1.07988	0.512915	0.452313	1
cg12628145	SLC9A3	0.500990	0.593481	1.56192	-1.77957	0.554091	0.310201	1.02031	0.873943	0.850017	-1.17645	0.644042	0.617577	-1.61923	0.783257	1.3801	1.3801	0.263026	0.805383	-1.24157	0.663527	1.24157	0.805383	0.663527	1.16327	1.16327	0.859475	1.06126	1.06126	1.07995	18.268	16.1101	1
cg17269482	CCND2	0.500993	0.684552	1.081	1.081	0.526113	1.13031	1.13031	0.761306	0.94356	-1.05982	0.849028	0.964314	-1.03701	0.710564	1.07367	1.07367	0.216436	1.28149	1.28149	0.14429	0.741513	-1.34859	0.192924	0.76894	-1.30049	0.349143	0.832115	-1.20176	1.07995	0.580439	0.511877	1
cg18168997	C9orf41	0.501006	0.211186	0.668699	-1.49511	0.41328	0.807283	-1.23872	0.466395	0.717111	-1.39393	0.335403	1.36026	1.36026	0.127024	0.735257	-1.36026	0.252468	0.722275	-1.38491	0.099116	0.5004	1.0003	0.309962	0.747342	-1.33103	0.415109	0.797114	-1.25453	1.08094	1.18257	1.04289	1
cg21144940	BTBD2	0.501008	0.130225	1.31273	1.31273	0.157784	0.777668	-1.2859	0.283879	0.830808	-1.20365	0.748582	0.94787	-1.055	0.867655	0.972615	-1.02816	0.453353	1.13562	1.13562	0.947224	0.598039	-1.67208	0.555299	1.10443	1.10443	0.511845	0.895147	-1.11713	1.00792	0.44248	0.390224	1
cg08186698	ATF6;ATF6B	0.501008	0.765557	0.863609	-1.15733	0.623403	0.872663	-1.14593	0.852905	1.3243	1.3243	0.492051	1.44615	1.44615	0.242705	0.675266	-1.48042	0.994725	1.0005	1.0005	0.963738	0.98445	1.01579	0.943092	0.98445	1.01579	0.943092	0.972125	1.02592	1.08084	0.539853	0.49953	1
cg04071694	TBC1D4	0.501009	0.610309	0.914029	-1.09406	0.997391	0.999428	-1.00057	0.765943	1.0536	1.0536	0.0473104	0.672394	-1.48722	0.616221	0.91541	1.09241	0.278312	1.21794	1.21794	0.450503	0.874176	-1.14393	0.403122	0.860169	-1.16141	0.695332	0.933479	-1.07126	1.00792	0.488299	0.430633	1
cg01642722	RBM25	0.501020	0.153809	0.675377	-1.48065	0.553092	1.1668	1.1668	0.764567	1.07881	1.07881	0.152274	1.48328	1.48328	0.122293	0.5381	1.5381	0.959216	0.986938	-1.01323	0.921282	0.974907	-1.02574	0.99271	1.00235	1.00235	0.675952	1.11414	1.11414	1.0079	1.05517	0.950574	1
cg17138083	MORN4;MORN4	0.501042	0.408463	0.824014	1.08045	1.0179	0.25176	1.0179	0.510458	1.08223	1.08223	0.668943	1.08224	1.08224	0.152244	0.924488	1.0959	0.311114	1.13522	1.13522	0.294671	0.87928	-1.13729	0.706702	0.90576	1.04576	0.645376	0.947372	1.03812	1.08089	0.223671	0.19261	1
cg09997497	NCKAP1;NCKAP1;NCKAP1;NCKAP1	0.501034	0.700926	0.875933	-1.14164	0.198204	1.59519	1.59519	0.138256	1.72947	1.72947	0.942104	1.02524	1.02524	0.459212	1.29522	1.29522	0.341831	0.714485	-1.39961	0.852849	0.938253	-1.06581	0.744263	0.893724	-1.11891	0.176093	1.63842	1.63842	1.07888	1.88075	1.65871	1
cg26083045	UMOD	0.501036	0.20604	0.503623	-1.98561	0.08008	0.987131	1.28295	0.427245	1.51715	1.51715	0.201911	0.500135	-1.99946	0.366302	0.620408	-1.61169	0.698875	0.88319	-1.22127	0.340704	1.85634	1.85634	0.331167	1.67429	1.67429	0.862972	0.914099	-1.0929	1.08787	4.22098	3.72268	1
cg18303733	MARCH8;MARCH8;MARCH8;MARCH8	0.501046	0.646502	0.648121	-1.54288	0.0832007	0.64291	-1.04291	0.605365	1.63048	1.63048	0.607632	1.62563	1.62563	0.237569	0.296218	-3.37389	0.741203	0.732038	-1.36659	0.509192	0.53363	-1.87396	0.320919	0.26158	2.61658	0.010776	0.9002	-1.11086	1.08785	14.042	12.3845	1
cg00490548	MOBK2C	0.501051	0.454647	0.848128	-1.07948	0.702509	0.879132	-1.13749	0.6009	1.16585	-1.16072	0.188065	0.601031	-1.66312	0.379133	0.18534	-5.39572	0.842419	0.935574	-1.06886	0.594164	0.91785	-1.08955	0.437557	0.760564	-1.31452	0.768375	0.905619	-1.10422	1.00784	1.79874	1.58644	1
cg08501076	HDAC11;HDAC11	0.501056	0.932408	1.01728	1.01728	0.407147	0.842626	-1.18677	0.980768	0.995144	-1.00488	0.240761	1.28146	1.28146	0.075987	0.671154	-1.48997	0.478514	1.15661	1.15661	0.981327	1.00474	1.00474	0.35599	1.21134	1.21134	0.735114	0.933724	-1.07098	1.00784	0.650903	0.574082	1
cg04700861	FBN2	0.501059	0.085133	0.624289	-1.60213	0.248327	0.809067	1.0343	0.0349	0.5403	-1.85107	0.0274132	0.3403	3.0343	0.0274132	0.354255	-2.82286	0.247406	0.228819	-4.37023	0.0274132	0.354255	-2.82286	0.0274132	0.354255	-2.82286	0.0274132	0.354255	-2.82286	1.08815	0.43953	0.38156	1
cg15755092	LOC103093728;SLC25A5;SLC25A5	0.501065	0.106031	0.184067	-5.43281	0.36554	0.38676	-2.58558	0.860593	0.844907	-1.18356	0.231753	3.40557	3.40557	0.558112	0.566758	-1.76442	0.147406	0.225287	-4.43878	0.623926	0.622657	-1.60602	0.964281	0.957975	-1.04387	0.789737	0.773968	-1.29204	1.00782	14.671	12.9397	1
cg00481278	KIAA1688	0.501068	0.457162	1.29122	1.29122	0.753004	0.975468	1.63492	0.223703	1.3665	1.3665	0.870564	1.04071	1.04071	0.261607	1.33109	1.33109	0.32032	1.27422	1.27422	0.251954	1.25002	1.25002	0.234705	1.07196	1.07196	0.545247	0.861084	-1.16153	1.07281	0.95265	0.840234	1
cg03431727	4-Mar	0.501074	0.79768	1.20584	1.20584	0.753004	0.794544	1.54858	0.304683	1.4664	1.4664	0.602864	1.46591	1.46591	0.143756	0.683837	-1.46341	0.420745	1.82092	1.82092	0.134394	0.297516	1.82092	0.134394	0.297516	-3.36117	0.597594	0.678311	-1.47425	0.298881	0.456322	0.413043	0.371781	0.874438	0.45443	1
cg02766895	TPCN1;TPCN1	0.50108	0.819184	0.953745	-1.0485	0.236468	1.29249	1.29249	0.875181	1.03305	1.03305	0.308789	0.804231	-1.24342	0.47112	0.859309	-1.16373	0.694445	0.921587	-1.08508	0.0703958	1.51936	1.51936	0.861305	0.964476	-1.03683	0.708444	0.925246	-1.08079	1.00779	0.68282	0.602258	1
cg00073771	OAT	0.501086	0.211186	0.668699	-1.49511	0.41328	0.807283	-1.23872	0.466395	0.717111	-1.39393	0.335403	1.562	1.562	0.842819	1.03655	-1.03653	0.915963	1.01398	1.01398	0.153589	1.11424	1.11424	0.153589	1.11424	0.897514	1.08815	1.08815	1.08815

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16819704	GMER1;GMER1	0.501625	0.291226	1.32252	0.32252	1.32252	0.320816	1.29966	1.29966	0.687884	1.10857	1.10857	0.519559	0.846508	-1.18132	0.659862	0.893113	1.07203	1.07023	-1.17068	0.760358	0.924887	-1.08121	0.0888682	0.619341	1.614444	1.00682	1.03882	0.91714	1
cg23692497	INTS4	0.501633	0.108958	1.41013	1.41013	0.0855395	0.688209	-1.45305	0.774171	1.05819	1.05819	0.60433	0.902329	-1.10824	0.730921	1.07023	1.07023		0.506808	1.14158	1.14158	0.972954	1.00669	1.00669	0.838223	1.04101	1.04101	0.753374	1.06393	1.0698	0.616354	0.544167	1
cg10874402	CAST;CAST;CAST;CAST;CAST;CAST;CAS T;CAST;CAST;CAST	0.501648	0.75014	1.08409	1.08409	0.306714	1.3066	1.3066	0.1334	1.50553	1.50553	0.473283	1.20242	1.20242	0.833131	1.05477	1.05477		0.569724	1.15626	1.15626	0.121942	0.654633	-1.52757	0.471217	1.20349	1.20349	0.715972	0.911788	-1.09675	1.00678	1.01839	0.899144	1
cg20560906	SCAP	0.501654	0.447147	1.18846	1.18846	0.0969441	1.5008	1.5008	0.51397	1.15892	1.15892	0.256357	1.30215	1.30215	0.897109	1.02925	1.02925		0.782225	0.94012	-1.06369	0.103082	1.48788	1.48788	0.55494	1.14233	1.14233	0.566965	0.879009	-1.13764	1.00677	0.79179	0.690082	1
cg24000316	CHFR;CHFR;CHFR;CHFR;CHFR	0.501654	0.247873	0.731715	1.36665	0.16128	1.4723	1.4723	0.543121	0.852866	-1.17252	0.41558	0.804455	-1.24006	0.316368	0.76503	-1.30714		0.528544	0.847813	-1.17951	0.597897	0.871429	-1.14754	0.66051	0.892008	-1.12107	0.137589	0.661357	-1.51204	1.00677	1.06002	0.941201	1
cg20232171	SH3BP4	0.501659	0.732777	1.0833	1.0833	0.14908	1.4351	1.4351	0.924721	0.978177	-1.02231	0.653381	1.11131	1.11131	0.705219	0.915093	-1.09278		0.869366	0.9623	-1.03918	0.225694	1.34588	1.34588	0.108361	1.50522	1.50522	0.362464	0.803697	-1.24425	1.00676	0.86913	0.767374	1
cg21263543	AGAP1;AGAP1	0.501668	0.48146	0.859868	-1.24398	0.0747761	1.83243	1.83243	0.455272	1.28453	-1.27465	0.905717	1.02682	1.02682	0.410746	0.778207	-1.29261		0.905782	1.03679	1.03679	0.2634491	0.7006957	-1.42715	0.598409	1.17605	1.17605	0.652322	1.14842	1.14842	0.10674	1.48451	1.51073	1
cg10435838	LOC440504	0.501670	0.772197	0.89186	-1.12125	0.84677	1.07929	1.07929	0.464516	0.745649	-1.14111	0.386976	0.704955	-1.41853	0.374444	0.456768	-1.2893		0.855687	0.93074	-1.07441	0.170685	1.77747	1.77747	0.076155	0.988285	-1.01185	0.416167	0.720622	-1.38769	1.00674	0.47842	2.1883	1
cg16141325	OSGIN2;OSGIN2	0.501671	0.191756	0.801889	-1.24706	0.860732	0.972334	-1.02845	0.489864	0.893985	-1.11859	0.353212	1.16488	1.16488	0.618993	1.08339	1.08339		0.736098	0.947392	-1.05553	0.0582292	0.710373	-1.40771	0.92574	0.985216	-1.01501	0.709035	0.941872	-1.06172	1.00674	0.40698	0.359339	1
cg08994439	MGA;MGA	0.501673	0.607205	1.27204	1.27204	0.199394	0.94003	0.94003	0.213371	0.343048	0.635438	1.29852	0.586662	1.29852	0.208835	1.23226	1.23226		0.470118	1.40646	1.40646	0.122881	0.847664	-1.17971	0.92976	1.14377	1.14377	0.888312	0.993582	-1.00646	1.00673	3.43533	3.0332	1
cg26097182	WISP3;WISP3	0.501673	0.567726	0.875982	-1.14158	0.692834	0.19529	1.09529	0.779751	1.06638	1.06638	0.761313	1.07234	1.07234	0.033907	1.76435	1.76435		0.725298	1.08424	1.08424	0.18287	1.38271	1.38271	0.967352	1.00943	1.00943	0.644858	1.11227	1.11227	1.00673	0.83805	0.739952	1
cg18158391	VSNL1;VSNL1	0.501691	0.859566	0.990301	-1.06837	0.735578	1.13492	1.13492	0.394091	0.969582	-1.03137	0.205621	0.607358	-1.64653	0.619038	0.626578	-1.59681		0.742094	1.15126	1.15126	0.970403	0.986239	-1.01395	0.955316	2.25078	2.25078	0.190781	1.38875	1.38875	1.00672	2.23125	1.96351	1
cg08998414	UBE2H;UBE2H	0.501697	0.921293	1.03233	1.03233	0.682274	1.1417	1.1417	0.0742463	0.527062	-1.89731	0.482537	0.794697	-1.25834	0.789651	0.917517	-1.0899		0.44754	0.779396	-1.28304	0.335335	1.37696	1.37696	0.188298	0.638371	-1.56649	0.513067	0.807695	-1.23809	1.00669	1.65278	1.45937	1
cg13443768	CDC42EP2	0.501701	0.899472	0.928435	-1.07708	0.530901	1.452	1.452	0.752209	0.916291	-1.09087	-2.51961	0.137412	2.55994	2.55994	0.69676	0.976483	-1.02408	0.656983	1.3003	1.3003	0.299208	1.88165	1.88165	0.752209	0.830195	-1.20454	0.294918	1.89307	1.89307	1.00668	5.50359	4.8596	1
cg16689922	ACOT9;ACOT9	0.501703	0.0935895	0.898241	-1.11335	0.772568	0.6949	-1.43905	0.932959	1.07536	1.07536	0.50704	0.27359	3.65474	3.65474	0.380971	1.09194	1.09194	0.278115	1.242517	-1.42341	0.919868	0.881262		-1.13474	0.899225	1.17244	1.17244	1.17242	0.728429	0.645419	-1.54938	0.66868	0.64632	1.86898	25.1573	2.23126	1
cg03597143	LRRC41	0.501727	0.482105	1.39153	1.39153	0.989028	0.993661	-1.00638	0.0843506	2.44815	2.44815	0.282794	0.596829	-1.67552	0.827714	1.10605	1.10605		0.565326	1.30838	1.30838	0.192974	1.89108	1.89108	0.72058	1.18069	1.18069	0.2664	1.70836	1.70836	1.00664	3.40976	3.01091	1
cg08188828	RBBP8;RBBP8;RBBP8;RBBP8;RBBP8	0.501728	0.451378	0.851034	-1.17504	0.960914	0.991868	-1.0082	0.183795	1.34504	1.34504	0.571384	0.886708	-1.12777	0.669138	1.09458	1.09458		0.12486	0.705225	-1.41799	0.180652	2.614693	-1.34827	0.925453	0.980319	-1.01987	0.75328	1.06853	1.06853	1.00664	0.70457	0.622103	1
cg20141509	CASZ1;CASZ1	0.501736	0.575316	0.693871	-1.44159	0.920919	0.2606091	-1.71622	0.4423465	0.596161	-1.6774	0.536066	1.50704	1.50704	0.27359	3.65474	3.65474		0.607031	0.715365	-1.39789	0.753862	0.8172555	-1.22361	0.871952	1.10977	1.10977	0.300549	1.99899	1.99899	1.00662	6.64632	5.86898	1
cg02495250	CDH13	0.501751	0.223289	0.620707	-1.61107	0.587415	1.22652	1.22652	0.849012	1.07362	1.07362	0.142408	0.55561	-1.79982	0.229997	0.625386	-1.59901		0.984325	1.00735	1.00735	0.327889	1.45702	1.45702	0.6633	1.17734	1.17734	0.370534	0.709845	-1.40876	1.00659	2.2144	1.95546	1
cg14476212	MGLL;MGLL	0.501757	0.500018	1.05403	1.05403	0.0448251	1.24644	1.24644	0.20878	2.0057	2.0057	0.0802	2.02	2.02	0.468014	1.47232	1.47232	1.4373	1.2804	2.08034	2.08034		0.360504	1.63637	1.63637	0.36127	1.63501	1.63501	1.7042	1.22119	1.22119	0.949898	1.03347	1.03347	1.00658	4.37529	3.86371	1
cg14004833	FAM155A	0.501761	0.140075	0.72862	-1.37246	0.406697	0.884274	-1.18445	0.911905	0.97817	-1.02232	0.667722	1.08722	1.08722	0.260566	0.791344	-1.26367		0.684635	1.04884	1.04884	0.828794	1.04414	1.04414	0.896466	0.972698	-1.02807	0.128634	1.38753	1.38753	1.00658	0.6340061	0.559928	1
cg21417259	TNRC18	0.501762	0.739199	1.07786	1.07786	0.423592	1.18734	1.18734	0.0995531	1.70374	1.70374	0.806767	1.05687	1.05687	0.819502	0.950003	-1.05263		0.174228	1.3114	1.3114	0.0124794	2.4094	2.4094	0.6959	0.915626	-1.09215	0.56557	0.883807	0.708945	1			
cg04380340	ADX1	0.501767	0.342776	0.691381	-1.44638	0.1020237	0.508773	-1.96551	0.639869	0.836995	-1.19475	0.382174	0.712897	-1.40273	0.187204	0.589873	1.69528		0.724051	0.847722	-1.14322	0.118899	0.527759	-1.8948	0.418913	0.732078	-1.36598	0.154029	0.562017	-1.7793	1.00657	2.27298	2.00724	1
cg20113724	ZCCHC10	0.501771	0.145379	0.964828	-10.3645	0.986737	0.975445	-1.02517	0.964006	0.934736	-1.06982	0.355318	0.1457	4.1457	0.434362	1.29693	3.29693		0.11749	0.0786464	-12.7151	?	?	?	0.960343	0.928332	-1.0772	0.786896	0.666797	-1.49971	0.996763	31.3881	31.4901	1
cg06928982	ST4;ST4	0.501784	0.976662	0.994837	-1.00973	0.901091	0.976238	-1.02225	0.706202	1.08931	-1.02031	0.702775	0.933841	-1.07085	0.228006	0.807641	-1.24449		0.988799	1.00249	-1.00249	0.937247	0.653861	-1.53407	0.734706	0.941586	-1.06204	0.481884	1.13484	1.13484	1.00653	0.4992033	0.4408555	1
cg08268254	DCAF5	0.501791	0.683517	0.782882	-1.27733	1.090532	2.30362	2.30362	0.624777	1.34243	1.34243	0.662765	0.769447	-1.29963	0.600384	1.3714	1.3714		0.419033	1.63938	1.63938	0.0648246	3.52574	3.52574	0.484585	0.653863	-1.52937	0.820241	1.1455	1.1455	1.01907	5.62552	4.29354	1
cg23203809	GTF2A1;GTF2A1	0.501791	0.257977	0.458703	-1.17995	0.467553	1.62945	1.62945	0.544348	0.666093	-1.49946	0.299576	0.491764	-2.0335	0.365653	1.34196	1.34196	0.543137	-1.84734	0.673932	1.32233	1.32233	0.229512	2.29889	2.29889	0.130281	1.94106	1.94106	0.440545	0.59465	-1.68081	1.00652	6.94809	6.13606	1
cg14771877	C17orf99	0.501852	0.36384	1.49016	1.49016	0.107991	2.11618	2.11618	0.818472	1.10325	1.10325	0.363906	1.49007	1.49007	0.115678	0.481451	1.07705		0.888937	1.06154	1.06154	0.69263	1.08257	1.08257	0.960396	0.978998	-1.02145	0.874031	0.934431	-1.07017	1.00641	2.91217	2.5721	1
cg08652654	DNAJC8	0.501858	0.406269	0.780546	-1.28115	0.1616	1.54635	1.54635	0.581389	0.850105	-1.17632	0.572586	0.846817	-1.18089	0.986759	0.995172	-1.00485		0.314091	0.738155	-1.35473	0.129685	1.61188	1.61188	0.572146	1.18112	1.18112	0.986428	0.995052	-1.00497	1.0064	1.3555	1.19722	1
cg17449403	MEMO1OC	0.501862	0.832522	0.95204	-1.05038	0.774112	0.935396	-1.06907	0.4915508	1.17605	1.17605	0.825206	0.949959	-1.05268	0.934558	1.01924	1.01924		0.657774	1.10901	1.10901	0.255776	0.759317	-1.31697	0.105029	1.50849	1.50849	0.131327	1.45947	1.45947	1.0064	0.8585557	0.758311	1
cg04214629	TMEM106C;MEM106C;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.501887	0.35694	1.8585	1.8585	0.348738	1.87957	1.87957	0.480902	1.58218	1.58218	0.234351	0.442431	-2.26024	0.893483	0.916096	-1.09159		0.600007	1.41358	1.41358	0.180657	0.394607	-2.53417	0.464242	1.62788	1.62788	0.296642	2.02962	2.02962	1.00635	6.82014	6.02409	1
cg00466301	PMEPA1;PMEPA1;PMEPA1;PMEPA1	0.501892	0.74101	0.947052	-1.09591	0.6503636	0.711952	-1.40459	0.868585	0.973206	-1.02753	0.0890008	0.735179	-1.36021	0.724551	0.943623	-1.05975		0.50947	1.116	1.116	0.813894	0.962061	-1.03944	0.728239	0.944393	-1.05888	0.7598881	1.04277	1.04277	1.00634	0.428756	0.378714	1
cg27185128	GOSR2;GOSR2;GOSR2	0.501893	0.36625	1.09472	1.09472	0.936918	1.37473	1.37473	0.702451	1.06415	1.06415	0.531243	1.24854	1.24854	0.992759	1.00241	1.00241	0.813502	0.983523	1.01696	1.01696	0.872499	1.02023	1.02023	0.736406	0.867989	-1.15209	0.637669	1.21093	1.21093	1.00634	1.77988	2.47215	1
cg12796428	STK19;STK19;DOM3Z;STK19	0.5019	0.754279	1.40887	1.40887	0.670803	0.627024	-1.59483	0.599024	1.7847	1.7847	0.494733	2.13176	2.13176	0.138948	0.175726	-5.69066		0.734348	0.689454	-1.45042	?	?	?	?	?	?	0.142351	0.178747	-5.59449	0.984011	14.447	16.7791	1
cg19648658	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.501922	0.130584	0.506008	-1.97625	0.292767	1.5768	1.5768	0.174886	0.547694	-1.82584	0.769617	0.884675	-1.13036	0.249216	0.605021	-1.65284		0.97345	1.01398	1.01398	0.265827	0.616444	-1.62221	0.900713	0.949255	-1.05346	0.5144131	0.75893	-1.31764	1.00629	2.77449	2.4508	1
cg25134360	PXK;HUS1B	0.501926	0.428214	1.8	1.8	0.791008	0.824473	-1.2129	0.488168	0.599412	-1.6683	0.309943	2.14585	2.14585	0.183926	0.939715	-1.06415		0.704134	1.31951	1.31951	0.506313	1.63237	1.63237	0.0393484	5.65411	5.65411	0.173679	1.52142	1.52142	1.00628	8.4167	7.43481	1
cg17983724	TYW1B;SBDSP;SBDSP;TYW1B;SBDSP;SB DSP;TYW1B;TYW1B	0.501929	0.445971	1.19753	1.19753	0.936565	0.9817	-1.01864	0.936655	0.981726	-1.01861	0.30782	0.782754	-1.27754	0.383975	1.23014	1.23014		0.489954	1.17671	1.17671	0.0610207	0.61269	-1.63215	0.657086	0.901521	-1.10924	0.813285	1.05644	1.05644	1.00628	0.858043	0.757948	1
cg24032209	THOC5;THOC5;THOC5;THOC5	0.501932	?	?	?	0.847861	1.22258	1.22238	0.439715	2.27933	2.27933	0.785742	1.3296	1.3296	0.924927	1.07773	1.07773		0.037387	0.0800176	-12.4972	0.693195	1.5137	1.5137	0.851107	0.821636	-1.21708	0.831447	0.799918	-1.25013	0.996473	15.3336	15.3878	1
cg13450708	HTR5A	0.501935	0.573846	1.15434	1.15434	0.197546	1.41653	1.41653	0.0660764	1.69153	1.69153	0.301942	1.31441	1.31441	0.207477	1.22703	1.22703		0.987268	1.00411	1.00411	0.917302	0.977138	1.02311	1.13207	0.880942	1.25853	1.25853	1.00625	1.04151	1.00202	1.04151	1.00202	1
cg26665209	CHFR;CHFR;CHFR;CHFR;CHFR	0.501941	0.528706	0.873093	-1.14535	0.399657	0.83249	-1.20122	0.89685	0.972797	-1.02796	0.775606	0.94104	-1.06265	0.442089	0.846487	-1.18135		0.12771	0.704554	-1.41934	0.110214	1.44796	1.44796	0.647648	1.10279	1.10279	0.83039	1.04667	1.04667	1.00625	0.720558	0.636515	1
cg15768621	PTPDC1	0.501945	0.582894	1.08093	1.08093	0.342252	1.14616	1.14616	0.842385	1.07269	1.07269	-1.02816	0.659384	1.05686	1.05686	0.957459	1.00746	1.00746	0.852795	1.02623	1.02623	0.141156	0.802225	-1.24653	0.974483	1.31858	1.31858	1.00625	0.308728	0.273604	1
cg15865175	BRCA2	0.501949	0.552252	1.08275	1.08275	0.761532	1.04106	1.04106	0.235021	1.17887	1.17887	0.232903	1.17984	1.17984	0.375028	1.12792	1.12792		0.185411	1.20402	1.20402	0.279603	0.861903	-1.16022	0.456581	0.904616	-1.10544	0.72662	0.954653	-1.0475	1.00624	0.278574	0.246086	1
cg07156393	SOHLH2	0.501958	0.134423	0.64067	-1.55972	0.424718	1.39871	1.39871	0.295179	0.74284	-1.34638	0.351158	0.769815	-1.29969	0.969107	0.989618	-1.01049		0.744628	1.06358	1.06358	0.110983	0.3644541	0.7748071	-1.29064	0.952914	1.08254	1.08254	0.687718	-1.45404	1.00624	1.19455	1.05651	1
cg02283353	POLRMT	0.501957	0.342405	1.29296	1.29296	0.197774	1.54123	1.54123	0.0833	1.29418	1.29418	0.232729	0.759867	-1.38915	0.417171	1.24333	1.24333		0.769995	1.08005	1.08005	0.403779	1.24249	1.24249	0.386172	1.26281	1.26281	0.544266	1.851117	1.17493	1.00623	1.09949	0.971274	1
cg04446777	BTBC;BTBC	0.50196	0.943552	0.951984	-1.05044	0.199576	2.58506	2.58506	0.280487	0.456502	-2.09167	0.518025	1.57826	1.57826	0.251664	2.31121	2.31121		0.313644	0.27069	-2.70769	0.4313	0.572181	-1.75045	?	?	?	0.513705	1.58597	1.08893	0.731326	0.82267	1			
cg04046340	RORA;RORA;RORA;RORA	0.501967	0.277395	0.779045	-1.28367	0.934412	1.07837	1.07837	0.526633	0.828652	-1.20645	0.524624	1.20316	1.20316	0.860556	0.963544	1.03804	0.805122	0.833868	-1.13139	0.573609	0.652481	-1.53261	0.310044	0.389273	2.568857	0.98565	1.00623	1.04733	1.00623	0.985696	0.750796	1
cg20361600	DLX2	0.501967	0.729664	0.796378	-1.25568	0.561902	1.47008	1.47008	0.479934	1.60353	1.60353	0.215479	2.36767	2.36767	0.296391	2.04239	2.04239		0.323438	0.92887	1.02887	0.510179	0.644602	-1.55134	0.323504	0.510599	-1.95848	0.992997	0.99426	-1.00577	1.01874	6.79559	5.18824	1
cg15092561	C21orf33;C21orf33	0.501979	0.801384	1.28596	1.28596	0.568224	1.7123	1.7752	0.0397554	10.6502	10.6502	0.687448	0.668699	-1.49454	0.993693	1.20794	1.20794		0.853046	0.813518	-1.22952	0.428843	0.447694	-2.23367	0.910424	0.960599	-1.04139	0.602019	0.677345	-1.47612	1.00619	15.7769	13.9377	1
cg04067440	FLT3	0.501987	0.727484	0.955593	-1.04603	0.743882	1.04272	1.04272	0.41139	0.728273	1.08278	0.411523	0.897609	-1.11407	0.154397	0.823922	1.21666		0.093157	0.788159	-1.26812	0.168242	0.968142	-1.03526	0.557057	0.70922	1.07922	0.842444	1.09959	1.09959	1.00617	0.26371	0.232971	1
cg20264106	CREG2	0.501992	0.358022	0.763757	-1.30932	0.813493	0.934834	-1.06971	0.707033	1.11366	1.11366	0.391334	0.778474	-1.28456	0.18697	0.67111	-1.49007		0.902111	1.03571	1.03571	0.0666691	0.556386	-1.79731	0.224935	0.695292	-1.43825	0.85022	1.05538	1.05538	1.00616	1.29553	1.14452	1
cg04045278	PRKCZ;PRKCZ;PRKCZ	0.501995	0.665267	1.09389	1.09389	0.26591	1.32496	1.32496	0.278838	1.84036	1.84036	0.614861	1.31631	1.31631	0.262132	1.32796	1.32796		0.5433	1.07656	1.07656	0.0955	1.52751	1.8957	0.176258	0.562106	1.54962	1.54962	1.00616	0.67638	0.43134	1			
cg19383075	C1orf115	0.501996	0.849367	0.883988	-1.13124	0.368652	0.549452	-1.81999	0.245507	0.45486	-2.19848	0.726951	1.25527	1.25527	0.1219	0.337094	-2.96653		0.461375	0.614887	-1.62632	0.174601	0.302052	-2.55068	0.90342	1.08191	1.08191	0.127361	0.343276	-2.91311	1.00616	0.76024	0.59123	1
cg24059293	CAPN9;CAPN9	0.501996	0.665436	1.07139	-1.23192	0.744802	1.31845	1.31845	0.0966	1.23911	1.23911	0.141271	0.478447	2.09015	2.09015	0.090595	0.409076	2.44475	0.567867	0.959044	1.04256	0.542314	0.765522	0.90234	1.10839	1.14615	1.14615	1.00615	1.64822	1.64515	1.00615	0.920022	0.845239	1.08254	1
cg02366635	MTM1	0.501999	0.144896	-1.221559	-4.51347	0.329855	0.379873	-2.63246	0.474811	0.496789	-2.01293	0.428993	0.459697	-2.17535	0.05300595	0.120455	8.30185		0.549363	0.558152	-1.79163	0.383692	0.423242	-2.36271	0.328679	0.378921	-2.63907	0.219364	0.288437	-3.46696	1.00615	14.7647	13.0439	1
cg15177917	DAND5	0.502008	0.350928	0.719761	-1.38935	0.223758	0.645459	-1.54929	0.976278	0.988867	-1.01024	0.473135	1.28377	1.28377	0.220862	0.643507	-1.55399		0.519339	0.799525	-1.25074	0.182107	0.61565	-1.6243	0.38192	0.616425	-1.62226	0.577222	1.21275	1.21275	1.00614	1.86947	1.65162	1
cg19078520	CCNT2;CCNT2	0.502012	0.993973	1.00128	1.00128	0.702113	0.982111	1.0822	0.178505	1.04068	1.04068	0.0106158	0.664482	1.50552	1.50552	0.0238668	1.13139	1.13139	0.300313	1.37455	1.37455	0.136338	0.285072	1.37597	1.37597	0.0648485	0.38053	2.62804	1.0404	1.0404	0.991216	0.975491	1.02513	1.00613	1.15565	1.16314	1
cg02921583	JAKMIP2	0.502013	0.845484	0.969647	-1.0313	0.348015	1.16455	1.16455	0.526476	1.10671	1.10671	0.161945	1.26606	1.26606	0.934222	1.01313	1.01313		0.977811	1.0044	1.0044	0.206042	0.81	-1.23457	0.117756	1.30781	1.30781	0.677909	1.0682	1.0682	1.00613	0.397668	0.353131	1
cg09196386	CARHSP1;CARHSP1	0.502015	0.585668	0.79739	-1.25483	0.709027	1.01557	-1.31592	0.999023	1.0027	1.0027	0.459179	0.742485	-1.34683	0.654524	0.988722	-1.01155		0.12646	0.28535	-3.50515	0.231541	0.587374	-1.70232	0.0844	0.2999	-3.33391	0.0850185	0.675351	1.19851	1.00613	0.24888	0.20178	1
cg09801082	TNFSF12;TNFSF12-TNFSF13	0.502022	0.355935	1.47272	1.47272	0.834108	1.62826	1.08926	0.366813	1.4593	1.4593	0.94186	0.970702	-1.03018	0.752534	0.879016	-1.13764		0.623316	1.22362	1.22362	0.369223	1.45639	1.45639	0.0634628	0.428608	-2.33313	0.486534	1.33406	1.33406	1.00611	2.64831	2.33976	1
cg22515589	RAHCC1	0.502024	0.346188	0.733518	-1.36329	0.165983	0.623809	-1.60305	0.108093	0.571183	-1.75075	0.822858	1.07426	1.07426	0.370295	0.745346	-1.34166		0.133159	0.595977	-1.67792	0.555228	0.826443	-1.21	0.426454	0.771506	-1.29617	0.225073	0.665616	-1.50237	1.00611	1.62614	1.43668	1
cg20959567	MRPS16;TTC18	0.502042	0.268862	0.394398	-2.53511	0.0551124	0.98654	-1.02936	0.153441	1.34824	1.34824	0.197663	0.931245	-1.07374	0.931868	1.07368	1.07368	0.708408	0.64827	-1.54255	0.257876	0.52751	-1.8957	0.176257	0.467638	0.413134	1							
cg02875185	FLI43663;FLI43663	0.502047	0.40177	1.54316	1.54316	0.181561	2.35509	2.35509	0.208399	1.95514	1.95514	0.549419	1.46346	1.46346	0.513873	1.35565	1.35565		0.231723	1.88534	1.88534	0.32043	0.595115	-1.68035	0.603867	1.30293	1.30293	0.278947	1.76664	1.76664	1.00607	4.07215	3.59787	1
cg16904639	TPS3BP2;TPS3BP2	0.502051	0.203134	0.796412

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(1057 vs. N)	Fold-Change(1-vs-1057)	p-value(1117 vs. N)	Fold-Change(1-vs-1117)	p-value(1127 vs. N)	Fold-Change(1-vs-1127)	p-value(1217 vs. N)	Fold-Change(1-vs-1217)	p-value(1247 vs. N)	Fold-Change(1-vs-1247)	p-value(3477 vs. N)	Fold-Change(1-vs-3477)	p-value(3537 vs. N)	Fold-Change(1-vs-3537)	p-value(5377 vs. N)	Fold-Change(1-vs-5377)	p-value(5637 vs. N)	Fold-Change(1-vs-5637)	F(Error
cg23057051	MC1R	0.502427	0.04068328	1.3436199	0.90952	1.158963	0.50688	-1.97594	0.363039	0.655147	-1.52637	0.541288	0.755976	-1.32279	0.942097	0.967673	0.103341	0.847909	1.00074	1.00074	0.904442	0.947119	-1.05583	0.517223	0.743816	-1.34587	0.408322	0.677713	-1.47555	1.00539	3.25856	2.88008	1
cg26135716	GLUL;GLUL;GLUL;GLUL;GLUL	0.502429	0.476894	1.09816	1.098016	0.996419	1.00058	1.00058	0.85417	0.976462	-1.02411	0.136741	1.23063	1.23063	0.744273	0.950041	-1.04271	0.338147	0.880006	-1.13636	0.74764	0.929128	0.896191	1.01704	1.01704	0.875992	1.02042	1.02042	1.00538	0.266864	0.235942	1
cg12660813	PRDM16;PRDM16	0.502441	0.685785	0.880744	-1.1354	0.929706	1.02793	1.02793	0.30762	0.719127	-1.90958	0.370459	0.750409	-1.33261	0.879028	0.953561	-1.0487	0.103181	1.72775	1.72775	0.197338	1.53032	1.53032	0.459502	1.26507	1.26507	0.786221	0.918626	-1.08858	1.00536	1.55206	1.37225	1
cg24292538	MIMT1	0.502445	0.804794	0.913907	-1.0941	0.0564265	0.456382	-2.19124	0.330801	0.694522	-1.43984	0.222115	0.62749	-1.59365	0.335206	0.697002	-1.43466	0.233105	0.635027	-1.57435	0.676757	0.858759	-1.16447	0.30191	0.678131	-1.47464	0.224074	0.628851	-1.5902	1.00536	2.10024	1.85694	1
cg21173532	CAMTA1	0.502458	0.493592	1.12976	1.12976	0.1268	1.13645	1.13645	0.34448	0.842919	-1.18635	0.966242	0.992601	-1.00745	0.986065	1.00307	1.00307	0.152809	1.30828	1.30828	0.260418	1.22875	0.309209	1.20284	1.20284	0.462479	1.14026	1.14026	1.00533	0.490359	0.433563	1
cg10118633	AFAP1L2;AFAP1L2	0.502466	0.76138	0.923454	-1.08239	0.0824045	0.604682	-1.65376	0.115588	0.639181	-1.5643	0.744788	1.10072	1.10072	0.696089	0.902454	1.10045	0.613693	1.14236	1.14236	0.441426	1.24558	1.24558	0.663993	0.892006	-1.12107	0.993736	1.00205	1.00205	1.00532	1.0885	0.962439	1
cg15854321	HNRNPH2;HNRNPH2;GLA;GLA	0.50247	0.102253	0.263514	-3.79486	0.45366	0.565941	-1.76697	0.675384	1.36902	1.36902	0.982361	1.01662	1.01662	1.70487	0.75293	-1.32814	0.100744	0.261674	-3.82154	0.843575	1.15874	1.15874	0.678998	1.3639	1.3639	0.456668	1.76005	1.76005	1.00531	8.85544	7.82991	1
cg07857194	LSM14A;LSM14A	0.502474	0.401864	1.70762	-1.41892	0.477056	1.34291	1.34291	0.823165	1.099595	1.099595	0.256838	1.620331	1.620331	0.150616	0.519516	-1.87436	0.792037	0.897839	-1.11359	0.615221	0.537791	1.85946	0.712749	1.16277	1.16277	0.708295	1.16565	1.16565	1.0053	2.64796	2.34132	1
cg10531748	LOC100128292;GLO5	0.502475	0.402895	0.920578	-1.08627	0.849867	1.0251	1.0251	0.360944	1.11562	1.11562	0.784292	1.03314	1.03314	0.176512	1.18618	1.18618	0.492207	0.920453	-1.08642	0.213038	1.16863	1.16863	0.499035	1.08496	1.08496	0.11517	1.22574	1.22574	1.0053	0.224825	0.19879	
cg08240539	FTS;2;NUDT1;NUDT1;NUDT1;NUDT1;N UDT1;NUDT1;NUDT1;NUDT1	0.502488	0.32948	0.589027	-1.69771	0.106267	0.395466	-2.52867	0.700792	0.816231	-1.22554	0.273158	0.549074	-1.82125	0.170189	0.463808	-2.15606	0.238166	0.522145	-1.91518	0.14742	0.441514	-2.26493	0.303367	0.570825	-1.75185	0.098013	0.998692	-1.00131	1.00528	4.40381	3.89395	1
cg26396290	BDH1;BDH1;BDH1	0.502489	0.8958803	0.897014	-1.11483	0.0783645	0.5499	5.1498	0.193452	2.78207	2.78207	0.278888	1.33538	1.33538	0.337671	0.436748	-2.29265	0.52267	1.72113	1.72113	0.307626	1.29129	1.37129	0.908088	0.781229	-1.27996	0.753544	0.767993	-1.30209	1.00528	11.1834	9.88861	1
cg24208023	BMP7	0.502508	0.125968	0.803197	-1.51216	0.800422	0.938691	-1.06531	0.604636	0.877698	-1.13934	0.481461	0.836345	-1.19568	0.901938	0.697082	-1.43127	0.849248	0.953584	-1.04868	0.234836	1.3648	1.3648	0.958943	1.01294	1.01294	0.143306	1.48117	1.48117	1.00524	0.99318	0.878222	1
cg14831745	PLEKHA6	0.502523	0.416781	1.08708	1.08708	0.782026	0.972248	-1.02854	0.449668	0.925424	-1.08059	0.324128	1.10788	1.10788	0.605835	0.948977	-1.05377	0.348921	1.10188	1.10188	0.24258	1.13093	0.940721	1.20347	1.20347	0.447073	1.08108	1.08108	1.00522	0.161147	0.142498	1
cg06984156	CD4	0.502524	0.9093606	1.00792	1.00792	0.39224	0.564774	-1.77062	0.299208	0.677407	-1.47642	0.210318	0.837676	1.19394	0.85736	-1.16645	0.42539	0.840129	1.14005	1.14005	0.485291	0.531184	1.58402	0.056934	0.246647	-4.05437	0.307055	0.503497	-1.98614	0.648809	0.36407	0.764943	0.92863	1
cg14585415	PDZD7	0.502526	0.335597	1.588	1.588	0.0838365	2.43777	2.43777	0.329183	1.59846	1.59846	0.349189	1.56654	1.56654	0.898834	0.942479	-1.06103	0.708955	1.19081	1.19081	0.355089	1.55751	1.55751	0.12495	2.16752	2.16752	0.200387	1.87755	1.87755	1.00521	3.45366	3.05401	1
cg10165585	TMEM200B	0.502536	0.594335	1.10248	1.10248	0.0520491	1.36082	1.36082	0.320842	1.33033	1.33033	0.169668	1.566117	1.566117	0.825842	1.29496	1.29496	0.531425	1.1034	1.1034	0.703195	0.638263	1.56617	0.301376	1.51116	1.51116	0.419613	2.5328	2.5328	1.00519	21.9019	19.3678	1
cg29727976	ZNF444	0.502538	0.513071	1.19975	1.19975	0.256726	0.918174	-1.08845	0.965072	1.201189	1.201189	0.744891	1.09218	1.09218	0.553884	1.10529	1.10529	0.84012	1.14005	1.14005	0.485291	0.531184	1.58402	0.056934	0.591156	-1.6916	0.393437	1.27125	1.27125	0.532469	1.18956	1.18956	1.00519	1.19993	1.0611	1
cg21676628	PTCH2;PTCH2	0.502544	0.298236	0.663688	-1.50673	0.166797	0.570975	-1.75139	0.102136	0.50654	-1.97418	0.170289	0.573934	-1.74236	0.14236	0.549039	-1.82136	0.538405	0.789129	-1.26722	0.963503	1.01755	1.01755	0.650494	0.840793	-1.18935	0.803377	0.909691	-1.09927	1.00518	2.30108	2.03487	1
cg00456747	HIST1H1E	0.502545	0.403255	1.81988	1.81988	0.109757	0.387389	-2.58314	0.454513	1.70452	1.70452	0.654923	1.3705	1.3705	0.159124	1.29496	1.29496	0.258092	2.28081	2.28081	0.164661	0.703555	1.58767	0.161241	1.35084	-2.85026	0.10518	0.80175	0.48917	1
cg20775508	ELMO2;ELMO2	0.502558	0.906152	1.04609	1.04609	0.21769	0.164128	1.64128	0.114985	1.92482	1.92482	0.959399	0.980737	-1.01964	0.876767	1.06108	1.06108	0.570449	1.24494	1.24494	0.10516	1.96694	1.96694	0.422791	1.36729	1.36729	0.44464	0.742502	-1.3468	1.00515	2.32392	2.05511	1
cg02871887	RPL10;RPL10	0.502558	0.09600108	0.8815767	-1.13434	0.79115	0.695149	-1.43854	0.624599	0.871253	-1.14775	0.726574	0.977212	1.74075	1.74075	0.571487	1.74075	0.601948	0.92723	-1.07852	0.742555	0.622434	-1.48756	0.671561	1.15305	1.15305	0.873868	1.24322	1.24322	1.00515	26.4308	23.2635	1
cg10222701	ZNF816A	0.502568	0.790858	1.03041	1.03041	0.279773	1.135	1.135	0.475628	1.08519	1.08519	0.850597	1.02148	1.02148	0.792636	0.970742	1.03014	0.046246	1.773088	-1.29351	0.592289	0.940894	-1.06282	0.600966	0.942259	-1.06128	0.92838	0.989919	-1.01018	1.00514	1.20221	0.178824	1
cg08209163	MTIF3;MTIF3;MTIF3;MTIF3	0.502569	0.4636081	0.9125157	-1.09582	0.5642229	1.21965	1.21965	0.263488	0.783641	-1.27609	0.672825	1.0929	1.0929	0.142162	1.07149	1.07149	0.577969	1.12474	1.12474	0.861751	0.652362	-1.53289	0.59344	0.878116	-1.1388	0.405714	1.19473	1.19473	1.00513	0.696369	0.615833	1
cg18172186	TMEM200A;TMEM200A	0.502577	0.572815	0.8910199	-1.12216	0.7264636	0.26436	-2.26408	0.313504	0.710552	-1.41052	0.264007	0.704307	-1.41992	0.602095	0.92781	-1.07804	0.401003	0.527868	-1.89504	0.664102	0.564159	-1.01717	0.725958	0.769434	-1.29965	0.676199	0.731389	-1.36726	1.00512	8.82894	7.80797	1
cg13253642	TAAR2;TAAR2	0.502583	0.688388	0.896008	-1.11606	0.115528	0.627504	-1.59362	0.733138	1.09762	1.09762	0.446693	0.808785	-1.23642	0.534273	1.18701	1.18701	0.597668	1.15611	1.15611	0.119835	1.58353	1.58353	0.557439	1.17539	1.17539	0.926975	1.02528	1.02528	1.00511	1.18098	1.04442	1
cg23316864	B3GNT3	0.502585	0.7908884	1.08332	1.08332	0.4415241	1.36052	1.36052	0.992703	0.9658449	-1.03536	0.2661569	0.8922037	-1.12082	0.3957599	0.6092222	-1.64172	0.110047	0.592758	-1.68703	0.250169	0.607486	-1.64613	0.857733	0.932313	-1.07283	0.724498	1.12145	1.12145	1.00511	1.44363	1.22767	1
cg15613761	MYPOP	0.502605	0.704781	1.15892	1.15892	0.969354	1.015	1.015	0.162238	1.78279	1.78279	0.17628	1.74555	1.74555	0.033402	0.78776	-1.26942	0.328154	1.47859	1.47859	0.417341	0.725309	-1.37872	0.473927	0.754125	-1.32604	0.293105	1.52577	1.52577	1.00507	2.3899	2.11364	1
cg24660320	RPP40	0.502616	0.423132	1.13721	1.13721	0.722081	0.94542	-1.05773	0.985529	0.997154	-1.00285	0.9449	1.01092	1.01092	0.503635	0.898832	-1.11256	0.724142	0.945834	-1.05727	0.0653777	0.722483	-1.38412	0.31097	1.17909	1.17909	0.355911	1.16094	1.16094	1.00505	0.393131	0.347694	1
cg19348733	TFIP11;TFIP11 C14orf159;C14orf159;C14orf159;C14or f159	0.502619	0.2114379	0.7944114	-1.25868	0.2815256	1.92694	1.92694	0.129138	1.27456	1.27456	0.391284	1.27452	1.27452	0.576046	0.8563555	-1.16774	0.342563	1.23838	1.23838	0.702056	1.00552	-1.1044	0.882737	0.779096	-1.28353	0.615477	0.743144	1.2471	1.2471	1.00504	1.21882	1.07796	1
cg21906866	TI59;SNORA11B;C14orf159	0.502625	0.472334	1.43847	1.43847	0.462287	1.45088	1.45088	0.922556	0.953386	-1.04888	0.53689	1.36479	1.36479	0.354817	1.60549	-1.60549	0.811559	0.887993	-1.12613	0.0326797	1.46639	1.46639	0.944221	0.965797	-1.03541	0.319067	1.66887	1.66887	1.00503	3.93748	3.48245	1
cg00681003	CST9;CST9	0.502627	0.19405	0.302045	-3.31077	0.554661	1.68317	1.68317	0.135651	0.246297	-4.06014	0.992173	0.99149	-1.00858	0.19375	0.301774	-3.31374	0.971157	0.969003	-1.03199	0.95278	1.05295	1.05295	0.150564	0.261192	-3.8286	0.45522	0.515458	-1.94002	1.00503	1.02839	0.16875	1
cg03703171	IL1RN;IL1RN;IL1RN	0.502627	0.0907245	0.252901	-3.95411	0.824698	1.1778	1.1778	0.893889	1.09821	1.09821	0.51744	0.616244	-1.62273	0.512815	0.612858	-1.63157	0.274681	0.432647	-2.31135	0.903984	0.914826	-1.0931	0.668986	0.222882	-4.48667	0.716087	0.763808	-1.30923	1.00503	8.66167	7.66073	1
cg17401720	PTPRN2;PTPRN2;PTPRN2	0.502633	0.52535	1.09559	1.09559	0.639757	0.693757	-1.44189	0.540474	0.848576	-1.17706	0.511668	0.839836	-1.19075	0.746075	1.34075	1.34075	0.601948	0.92723	-1.07852	0.742555	0.622434	-1.48756	0.671561	1.15305	1.15305	0.873868	1.24322	1.24322	1.00515	26.4308	23.2635	1
cg02025083	VEZF1	0.502631	0.101464	0.64403	0.64403	0.595886	1.74736	1.74736	0.143548	5.23258	5.23258	0.936871	1.08598	1.08598	0.950762	1.06642	1.06642	0.046246	1.773088	-1.29351	0.592289	0.940894	-1.06282	0.600966	0.942259	-1.06128	0.92838	0.989919	-1.01018	1.00514	1.20221	0.178824	1
cg16490739	ZCSH3	0.502634	0.994833	1.00206	1.00206	0.0852054	1.91414	1.91414	-1.76822	0.263194	0.51881	-1.92749	0.795214	-1.25752	0.843588	0.918444	-1.08844	0.757176	0.90496	-1.1052	0.39256	0.75913	-1.3173	0.943251	0.970553	-1.03052	0.243569	0.681202	-1.46799	1.00502	1.57571	1.39364	1
cg01351327	SPERT	0.502635	0.357545	0.656037	-1.5243	0.0529813	0.375436	-2.66371	0.551432	0.764557	-1.30795	0.552775	0.73671	1.36074	1.36074	0.495791	0.734831	1.36086	0.384214	0.672006	-1.48808	0.158876	0.511265	-1.95593	0.809154	0.89781	-1.11382	0.899036	0.945018	1.05818	1.04499	1.15915	2.79419	1
cg13174181	PSMA1;PSMA1;PSMA1;PSMA1;PSMA1	0.502654	0.609241	1.08743	1.08743	0.803156	0.960249	-1.0414	0.799825	0.959531	-1.04218	0.419679	1.14345	1.14345	0.995245	1.00097	1.00097	0.056866	1.419661	1.41961	0.161785	1.27493	1.27493	0.979534	1.00418	1.00418	0.236394	1.12349	1.12349	1.00498	0.420711	0.372111	1
cg27238075	DGFRL1	0.502655	0.743792	1.08298	1.08298	0.6104185	0.882484	-1.13516	0.916376	1.089497	1.089497	0.795214	0.925252	-1.08071	0.843588	0.918444	-1.08844	0.1389	1.47275	1.47275	0.768805	1.07424	1.07424	0.207124	1.61227	1.61227	0.171769	1.42411	1.42411	1.00496	0.940053	0.831476	1
cg26146560	KLF13	0.502665	0.889029	0.937016	-1.06722	0.0520726	0.8003	-1.28003	0.277256	0.69306	-1.69306	0.364681	1.54348	1.54348	0.826764	1.10753	1.10753	0.676121	0.822198	-1.21625	0.916036	1.05037	1.05037	0.357167	0.643221	-1.55467	0.99384	1.0036	1.0036	1.00496	0.145593	3.05677	1
cg00287541	LOC283922	0.502668	0.4018672	1.0198	1.0198	0.9377	1.31777	1.31777	0.512345	1.39329	1.39329	0.224844	1.80905	1.80905	0.134375	1.23443	1.23443	0.468624	1.0961	1.0961	0.873632	0.914849	1.39041	0.162634	1.34621	1.34621	0.437272	1.4251	1.4251	1.0062	1.81496	1.61284	1
cg12983165	RBM3	0.502681	0.18766	0.365019	-2.73958	0.995041	1.00395	1.00395	0.716182	1.30152	1.30152	0.544738	1.55651	1.55651	0.765295	1.24126	1.24126	0.162638	0.341009	-2.93247	0.22507	0.398551	-2.50846	0.16492	0.343261	-2.91324	0.497626	0.608336	-1.64376	1.00493	2.99453	2.73399	1
cg21455485	ANKS1A	0.502697	0.317526	0.823395	-1.21498	0.4208205	0.654539	-1.5249	0.928094	1.028477	-1.07748	0.317423	0.823359	-1.21466	0.153116	0.73732	-1.35636	0.1389	1.47275	1.47275	0.768805	1.07424	1.07424	0.207124	1.61227	1.61227	0.171769	1.42411	1.42411	1.00491	0.940053	0.831476	1
cg26899491	BBS4	0.502699	0.300139	0.780775	-1.43518	0.940241	1.26537	1.26537	0.628424	0.948665	-1.18232	0.617537	0.844074	-1.18459	0.040585	0.78772	-1.26942	0.461026	0.776839	-1.28727	0.602341	0.628204	1.17945	1.17945	0.601387	0.83748	-1.19406	1.0409	1.80198	1.55994	1
cg00718722	RHOT2	0.502721	0.206688	1.40094	1.40094	0.630315	1.13062	1.13062	0.391763	1.24873	1.24873	0.245236	1.36028	1.36028	0.739308	1.08822	1.08822	0.302497	0.763075	-1.31049	0.431597	1.22532	1.22532	0.0909319	1.60227	1.60227	0.600637	1.14307	1.14307	1.00486	1.01992	0.90221	1
cg10436105	RUBI1	0.502725	0.758631	0.737097	-1.35631	0.7600251	1.353	1.353	0.422288	0.644295	-1.55179	0.702445	1.45479	-1.45479	0.254746	1.33855	1.33855	0.411388	2.10422	2.10422	0.228975	1.54878	1.54878	0.157483	2.15743	2.15743	0.217156	1.46049	1.46049	1.00127	11.5305	9.77316	1
cg25411699	ELMO1	0.502732	0.667314	1.09788	1.09788	0.690991	1.09011	1.09011	0.896671	0.972332	-1.02846	0.172233	0.733673	-1.36301	0.817346	1.06125	1.06125	0.164144	1.48424	1.48424	0.624316	1.11248	1.11248	0.995003	1.00135	1.00135	1.00484	0.742122	0.656484	1
cg08151331	LBP	0.502735	0.566203	0.9077553	-1.47297	0.9675334	0.976049	-1.02455	0.62067	0.744009	-1.34588	0.649476	1.3201	1.3201	0.075999	1.82115	1.82115	0.515733	1.14902	1.14902	0.534171	0.687203	-1.45518	0.121345	0.308356	-3.24301	0.0755	0.364866	-2.72119	0.713758	1.24249	1.24249	0.96881	5.42666	4.99789	1
cg15980797	OLIG3;OLIG3	0.502775	0.458405	1.95661	1.95661	0.6077872	0.162226	-6.16425	0.250657	0.344096	-2.90692	0.35877	0.432188	-2.31381	0.286695	0.737995	-1.67386	0.692455	0.702291	-1.42391	0.427957	0.858103	-1.16548	0.289698	0.222882	-4.48667	0.716087	0.763808	-1.30923	1.00503	8.66167	7.66073	1
cg21310499	DNAJC28;DNAJC28	0.502762	0.638734	1.07787	1.07787	0.385586	0.15149	0.15149	0.40612	1.14427	1.14427	0.248892	0.826035	-1.2106	0.464723	1.12523	1.12523	0.224938	0.817	-1.22399	0.226375	0.817717	-1.22292	0.563939	0.911648	-1.09691	0.552852	1.09989	1.09989	1.00479	0.40016	0.354002	1
cg26643184	AFAP1L2;AFAP1L2	0.502775	0.421686	1.81867	1.81867	0.1145	0.156456	1.6564	0.0777	7	7	0.022191	0.880605	1.13586	0.0172128	1.43843	1.43843	0.672684	1.10728	1.10728	0.482418	0.623356	1.60422	0.118983	0.677683	-1.47562	0.592764	0.876435	1.14088	1.00478	0.504025	0.446252	1
cg11188103	PTPN14	0.502779	0.521161	2.17201	2.17201	0.68992	0.618809	-1.6134	0.453611	0.402292	-2.48576	0.593584	0.525983	1.9012	0.0438793	0.06312138	-15.8419	0.372074	0.98351	2.98351	0.787171	0.72413	-1.38097	0.840568	1.27157	1.27157	0.516721	0.456499	-2.19059	1.00476	22.6401	20.0292	1
cg13796381	PTEG5	0.502783	0.171938	0.32943	0.32943	0.900217	0.13418	0.13418	0.145417	0.83327	0.83327	0.114566	0.563831	0.563831	0.0248413	2.04816	2.04816	0.179987	0.375585	2.66311	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	1.00476	16.162	14.2982	1
cg20573825	CBR4	0.502786	0.852917	1.13773	1.13773	0.916013	0.7227	1.0727	0.406485	1.8047	1.8047	0.748333	1.25082	1.25082	0.108197	0.295698	3.38182	0.179987	0.375585	2.66311	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	1.00476	16.162	14.2982	1
cg15826485	SUPT16H	0.502791	0.550518	1.12831	1.12831	0.344136	1.21504	1.21504	0.531048	0.880887	-1.13522	0.594157	1.11348	1.11348	0.191175	0.758344	-1.31866	0.616696	0.904053	-1.10613	0.158933	1.35112	1.35112	0.95616	1.01105	1.01105	0.239791	1.12783	1.12783	1.00474	0.635715	0.562414	1
cg20966974	RGS16;RGS16	0.502808	0.7258643	1.07322	1.07322	0.2947511	0.74013	0.74013	0.717153	0.920445	-1.08643	0.96474	1.01012	1.01012	0.0597253	1.65048	-1.65048	0.753838	0.932655	-1.07231	0.508516	1.16513	1.16513	0.174265	0.709134	-1.41035	0.254707	0.626706	-1.59002	1.00474	0.626706	0.570053	1
cg17493253	KLHL29	0.502804	0.248899	1.51975	1.51975	0.677947	0.865002	-1.15607	0.740426	0.890958	-1.12239	0.0708359	0.21571	0.25171	0.674142	0.863413	-1.15819	0.875065	1.05616	1.05616	0.184742	1.62989	1.62989	0.851315	1.06733	1.06733	0.367149	1.37951	1.37951	1.00472	1.91908	1.69784	1
cg24080129	TAP2;TAP2	0.502805	0.2917976	0.21804	-4.58693	0.0917545	0.194849	-5.13122	0.0800436	0.130343	-7.66973	0.0431773	0.191394	-5.22437	0.0566359	1.437	2.7437	0.26016	0.41123	-2.43212	0.0437793	0.352982	-2.83301	0.13133	0.5347	0.543804	0.445576	0.225441	0.83548	0.8347	1.00472	0.324983	1
cg22384395	ALDH1A3	0.502821	0.906823	1.0579	1.0579	0.763203	1.15634	1.15634	0.128466	0.454297	-2.2012	0.393808	0.657107	-1.52182	0.981471	1.01123	1.01123	0.477791	1.706831	-1.41476	0.0670342	0.372741	-2.68283	0.60779	1.28257	1.28257	0.853689	1.0928	1.0928	1.00469	1.67938	3.25354	1
cg14826031	MAP6;MAP6	0.502825	0.426387	0.71095	-1.40657	0.638443	1.21994	1.21994	0.509117	0.754782	-1.32489	0.978004	1.03165	1.03165	0.797658	0.897701	-1.11396	0.550734	1.28862	1.28862	0.176827	1.82768	1.82768	0.285961	0.627831	-1.59279	0.128991	1.99193	1.99193	1.00468	2.80757	2.484	1
cg23759667	LRRCAC1;LRRCAC	0.502826	0.422686	1.81867	1.81867	0.1145	0.156456	1.6564	0.0777	7	7	0.022191	0.880605	1.13586	0.0172128	1.43843	1.43843	0.672684	1.10728	1.10728	0.482418	0.623356	1.60422	0.118983	0.677683	-1.47562	0.592764	0.876435	1.14088	1.00478	0.504025	0.446252	1
cg21780326	FLI32810	0.502828	0.409637	1.15247	1.15247	0.377116	0.858544	-1.16476	0.638582	1.08287	1.08287	0.940685	0.987555	-1.0126	0.931242	1.01463	1.01463	0.870653	1.0278	1.0278	0.0422483	0.674535	-1.4825	0.558608	1.10464	1.10464	0.791572	1.04558	1.04558	1.00467	0.450619	0.398687	1
cg27575229	MLLT10;MLLT10	0.502832	0.1035001	0.5000001	-1.99999	0.4169645	0.374644	-2.66999	0.2499948	1.35534	1.35534	0.2499948	1.35534	1.35534	0.134016	0.7381555	0.7381555	0.1646963	0.7722384	-1.29504	0.7703858	0.6939139	-1.44219	0.4049407	0.6667	-1.49994	0.2113512	0.623806	0.8716166	-1.14789	0.6667	1.2426	1.08317	1
cg12754722	CUX2	0.502839	0.55813	0.82303	-1.21502	0.209239	0.647101	-1.54535	0.585484	0.834341	-1.19855	0.444598	1.29212	1.29212	0.50254	0.800677	-1.24894	0.844134	0.937317	-1.06687	0.329164	0.718077	-1.39262	0.125025	0.579222	-1.72645	0.274331	1.45362

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg03341748	KCNAB1;KCNAB1;KCNAB1	0.503252	0.841291	1.16268	0.116268	1.0994448	0.25728	-1.88662	0.122917	1.28465	0.513309	0.644245	0.142428	1.424828	0.518542	0.611383	-1.63563	0.839563	0.858652	-1.16462	0.548352	1.5787	1.5787	0.5511882	1.64881	1.64881	0.1003092	0.625236	1.44783	1.44783	0.1003092	0.985092	7.95633	1
cg17237181	PCNT	0.503254	0.839581	0.935391	-1.06907	0.5056648	0.800466	-1.24927	0.93441	1.02749	1.027049	0.265056	0.681979	-1.46632	0.120922	0.574528	1.74056	0.729241	1.891809	-1.12132	0.227075	1.51875	0.216537	0.651474	-1.53498	0.632338	1.172515	1.172115	1.003091	1.72653	1.52871	1
cg01409239	LOC729678 /// CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.503257	0.425663	0.819788	-1.21983	0.3085828	1.29362	1.29362	0.709206	0.912558	-1.09582	0.455214	0.830449	-1.20417	0.6289	0.887851	-1.12632	0.750389	1.08108	1.08108	0.16791	1.43189	1.43189	0.2162263	0.727709	-1.37418	0.296335	0.76759	-1.30278	1.00391	0.948678	0.839987	1
cg09999977	AMK2B;CAMK2B;CAMK2B;CAMK2B	0.503276	0.836515	1.07505	1.07505	0.644005	1.74618	1.17648	0.639727	0.8478	-1.17952	0.751158	1.11787	1.511567	0.0516675	0.460404	-2.172	0.520373	0.79597	-1.25633	0.304645	1.45109	1.45109	0.1207522	0.818698	-1.22145	0.42322	0.750903	-1.33173	1.00388	1.95019	1.72681	1
cg14850771	IFNGR2;IFNGR2	0.503282	0.0431165	0.566393	-1.76356	0.1866559	1.00409	1.00409	0.991305	1.0267	1.00267	0.368684	0.798077	-1.25351	0.299617	1.30031	1.30031	0.649183	1.11838	1.11838	0.912139	0.973397	-1.02733	0.985089	1.00439	1.00439	0.5919313	0.876173	-1.14133	1.00386	0.948797	0.840129	1
cg07630238	AFF1	0.503288	0.5167051	1.11603	1.11603	0.03910008	1.4899	1.4899	0.915608	1.01786	1.01786	0.376541	1.16361	1.16361	0.1834453	1.26575	1.26575	0.269798	1.21153	1.21153	0.991682	0.998261	-1.00174	0.677688	1.07228	1.07228	0.9131128	1.018339	1.01839	1.00385	0.443293	0.392526	1
cg11835342	BUD13;BUD13	0.503288	0.335328	0.429376	-2.32896	0.002148	0.90245	-1.1081	0.344018	1.29143	2.29143	?	?	?	0.191229	0.247901	-4.03387	?	?	?	0.678822	1.41697	1.41697	0.127425	0.423641	-2.36682	0.090753	1.00971	1.00971	1.03998	8.13505	5.61977	1
cg18873844	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.503297	0.983738	0.882115	-1.01398	0.137314	2.97404	2.97404	0.843053	0.873712	-1.14454	0.404285	0.559233	-1.78816	0.939032	0.949237	-1.05348	0.638727	1.37995	1.37995	0.990407	0.690689	-1.44783	0.0955628	1.40142	1.40142	0.559158	-1.7884	1.03384	1.73422	0.529811	1
cg09768647	HK2	0.503319	0.258987	0.548462	-1.82328	0.837962	0.900833	-1.11008	0.115316	0.417617	-2.39454	0.692904	0.816737	-1.22438	0.626823	1.28389	1.28389	0.594559	1.31519	1.31519	0.412345	1.53354	1.53354	0.3523354	0.613783	-1.62924	0.198824	0.50118	-1.99529	1.0038	4.13538	3.66199	1
cg14276258	KATNAL2;TCEB3B	0.503321	0.893662	1.08697	1.08697	0.0603614	1.18739	1.18739	0.387451	0.575575	-1.77341	0.744438	1.38241	1.38241	0.3034881	1.27024	1.27024	0.860283	0.895972	-1.11613	0.825795	0.8028447	-1.24553	0.390972	1.72997	-1.73972	0.119872	0.428741	-2.33241	1.00379	3.69046	3.26803	1
cg13108549	LYPD4;DMRTC2	0.503324	0.355215	1.58126	1.58126	0.124553	2.2283	2.22823	0.730065	0.840814	-1.18932	0.554161	0.74954	-1.33415	0.486637	1.40573	1.40573	0.546037	0.745001	-1.34228	0.142586	2.22805	2.22805	0.862383	1.08725	1.08725	0.57536	0.761333	-1.31349	1.00379	3.69046	3.26803	1
cg13724496	RAP2	0.503325	0.274984	0.515798	-1.93874	0.119662	2.69123	2.69123	0.970105	1.09874	1.09874	0.381066	1.68632	1.68632	0.996336	1.00266	1.00266	0.47043	0.625766	-1.59394	?	?	?	0.703133	1.42731	0.553165	-1.80778	0.919369	1.04765	1.04765	1.00422	4.65485	4.04478	1
cg08934660	XRP1	0.50333	0.111344	0.183142	-3.54325	0.969589	1.02549	1.02549	0.224639	0.430736	-2.32161	0.749363	0.23573	1.23573	0.111117	0.67187	-1.48859	0.809096	1.17331	1.17331	0.911227	0.929	-1.07643	0.27862	0.47526	-2.10411	0.842586	1.14031	1.14031	1.00378	6.93219	6.13875	1
cg25739933	EFNA1;EFNA1	0.503338	0.456329	0.793004	-1.26103	0.240817	1.45557	1.45557	0.512072	0.982194	1.22542	1.22542	0.672536	1.486091	0.972318	0.989448	-1.01066	0.327116	1.36243	1.36243	0.526167	1.29696	1.29696	0.8002158	1.40005	1.40005	0.106781	0.187674	0.652563	-1.53242	1.00376	1.48576	1.31572	1
cg14885435	RTF1	0.503344	0.779887	0.914047	-1.09346	0.725414	1.29281	1.29281	0.125883	0.443408	-2.25526	0.609546	0.689427	-1.44004	0.080875	0.537437	-1.86068	0.697251	1.17908	1.17908	0.390422	1.32619	1.32619	0.258058	1.60222	1.60222	0.986855	0.994729	-1.0053	1.00375	1.6359	1.44869	1
cg21854895	CDC42EP4	0.503344	0.204198	0.459373	-2.17688	0.680963	0.786622	-1.27126	0.52948	1.44747	1.44747	0.765835	1.18934	1.18934	0.0869404	0.333717	-2.99655	0.289382	1.89353	1.89353	0.826555	0.880379	-1.13587	0.946393	1.03981	1.03981	0.407177	0.611254	-1.63598	1.00375	5.35796	4.74482	1
cg14532720	RAGE	0.503345	0.509457	1.15151	1.15151	0.107795	1.44566	1.44566	0.484957	1.16137	1.16137	0.942276	0.98465	-1.01518	0.785998	0.944243	-1.05905	0.987667	1.00326	1.00326	0.36155	0.8221881	-1.21672	0.307712	1.2493	1.2493	0.127851	0.141487	1.41487	1.00375	0.706485	0.62564	1
cg01448194	C5orf48	0.503354	0.4640899	0.772645	-1.29426	0.725414	1.23981	1.23981	0.0415881	0.443408	-2.25526	0.609546	0.689427	-1.44004	0.080875	0.537437	-1.86068	0.951406	1.02132	1.02132	0.181959	0.6184245	-1.61703	0.865365	0.942952	-1.0605	0.539712	0.806611	-1.23975	1.00374	1.90478	1.68684	1
cg17061340	MIB2;MIB2;MIB2;MIB2;MIB2	0.503359	0.401946	1.82092	1.82092	0.372048	1.89709	1.89709	0.389111	0.539748	-1.85272	0.107153	3.41691	3.41691	0.286661	2.16632	2.16632	0.398957	1.82821	1.82821	0.682509	1.33288	1.33288	0.22313	2.44576	2.44576	0.227856	2.42151	2.42151	1.00373	7.75999	6.87215	1
cg06861426	SQSTM1;SQSTM1	0.503367	0.262537	0.838654	-1.28697	0.2426964	1.75829	1.75829	0.486666	1.93156	1.93156	0.751048	0.764441	-1.30843	0.350879	0.916482	-1.09122	0.944169	1.07053	1.07053	0.172889	0.2598272	-3.84912	0.0003479	0.882284	-1.13349	0.0002975	0.868687	0.85717	-1.16663	1.00371	13.7916	12.2138	1
cg23622878	PWWP2B;PWWP2B	0.50337	0.183395	0.32377	-3.08861	0.665667	0.191988	-5.20867	0.210954	0.344888	-2.86629	0.361455	0.472615	-2.11589	0.596229	0.65233	-1.53297	0.689521	0.725543	-1.37828	0.94161	1.06027	1.06027	0.208272	0.34649	-2.88609	0.345713	0.460311	-2.17244	1.00371	10.1466	8.98586	1
cg03536204	ZNF772;ZNF772	0.503371	0.33792	0.754154	-1.32591	0.878926	1.01831	1.01831	0.389911	0.538991	1.85507	0.107153	1.3014	1.3014	0.243132	1.820951	1.82181	0.133939	0.671394	1.48988	0.0002	0.525113	0.851805	1.17338	0.953	-1.04955	1.04955	1.00422	4.65485	4.04478	1.00315	0.918704	0.858844	1
cg11864490	PROCR /// DCAF11;DCAF11;DCAF11;DCAF	0.503372	0.192738	0.486534	-2.05535	0.552229	0.730316	-1.36927	0.199027	0.492014	-2.03246	0.280513	0.556416	-1.79722	0.20459	0.496786	-2.01294	0.289942	0.563258	-1.77539	0.473195	0.682992	-1.46415	0.0916412	0.37883	-2.63971	0.202784	0.495244	-2.01921	1.0037	4.34178	3.84512	1
cg10536303	11	0.503384	0.239177	0.676245	-1.47875	0.6614884	1.95141	1.95141	0.970194	0.988212	-1.01193	0.258403	0.687805	-1.4539	0.616283	0.851846	-1.17392	0.82636	0.932649	-1.07221	0.902284	1.03075	1.03075	0.907407	1.01414	1.01414	0.856965	0.94435	-1.05893	1.00368	1.60105	1.41794	1
cg24481813	HIST1H4H	0.503392	0.302083	1.23681	1.23681	0.685157	1.08441	1.08441	0.452013	1.16454	1.16454	0.76388	1.06172	1.06172	0.0397564	1.60421	1.60421	0.349421	1.21105	1.21105	0.382609	1.19483	1.19483	0.237436	1.27896	1.27896	0.788308	0.947904	-1.05496	1.00367	0.628219	0.556376	1
cg23234832	THRB;THRB;THRB	0.503393	0.757913	1.12695	1.12695	0.3804434	1.54334	1.54334	0.640149	1.24474	0.864565	-1.16133	0.840407	0.9566	-1.06769	1.045282	1.045282	0.932524	1.07988	1.07988	1.128202	1.1045	1.1045	0.557564	0.916884	1.1045	1.1045	0.127291	0.089128	1.04569	1.00367	1.02746	1.48562	1
cg13601961	DUSP6;DUSP6	0.503398	0.852745	0.873615	-1.14467	0.574412	0.661936	-1.51072	0.0921494	0.25975	-3.84985	0.57165	0.659631	-1.51533	0.459756	1.72869	1.72869	0.906819	1.08888	1.08888	0.0806769	0.443746	-2.40905	0.83716	0.12319	1.32319	0.536209	0.634149	1.57692	1.00366	2.40496	7.44385	1
cg07109010	WDR45;WDR45	0.503403	0.229829	0.162387	-6.15813	0.0645991	0.050038	-19.9848	0.519967	0.390248	-2.56247	0.471381	2.87778	2.87778	0.983906	0.971337	-1.02953	0.164617	0.117761	-8.49176	0.849377	0.760102	-1.31561	0.960417	0.930889	-1.07423	0.850049	0.761047	-1.31398	1.00365	33.0872	29.3039	1
cg13795589	SLC4A3	0.503417	0.638774	1.15708	1.15708	0.3704686	0.828328	1.2262	0.596971	0.753708	1.32705	0.486666	1.93156	1.93156	0.751048	0.764441	-1.30843	0.350879	0.916482	-1.09122	0.944169	1.06953	1.06953	0.564188	1.25125	1.25125	0.626651	0.859611	-1.16332	0.211066	0.665899	0.591078	1
cg19753174	LYPLA1	0.503414	0.228722	0.375357	-2.66413	0.0460142	0.169697	-5.89284	0.431219	0.536247	-1.86481	0.887992	1.11551	1.11551	0.244237	0.380125	-2.63071	0.372189	0.490613	-2.03826	0.312669	0.448011	0.224815	0.540273	0.618215	-1.61756	0.853521	0.866438	-1.15415	1.00363	9.5642	8.47078	1
cg21985356	UCC728723;2;2BED3	0.503414	0.29238	1.13761	1.13761	0.2251178	0.626137	-1.59777	0.116882	1.23168	1.23168	0.0884838	1.14315	1.14315	0.0705139	1.445782	1.445782	0.834339	0.904755	1.03795	0.442005	0.8901751	-1.10895	0.364422	1.18012	1.18012	0.857973	1.002434	1.00244	-1.34443	1.00363	1.44543	1.25202	1
cg11300369	SYNGAP1	0.503416	0.948603	0.977946	-1.02255	0.1147757	1.81003	1.81003	0.229574	1.5467	1.5467	0.7199	0.882878	-1.13266	0.328828	0.705441	0.741715	0.224915	0.646259	-1.54737	0.77484	0.905548	-1.1043	0.757751	0.898502	-1.11296	0.641478	0.85025	1.17612	1.00362	1.90251	1.68478	1
cg13277337	HDAC4	0.503418	0.357878	0.548776	-1.82224	0.157246	0.908481	-1.10044	0.261911	0.613479	0.604399	-1.65454	0.357214	1.82384	1.823384	0.785119	0.840758	-1.1894	0.260808	0.475058	-2.10501	0.360981	1.81482	0.93732	0.951111	-1.05118	0.23647	0.45509	-2.19737	1.00362	6.40231	5.6704	1
cg14951953	FAM161A	0.503424	0.381082	1.30744	1.30744	0.2729511	0.878926	1.11831	1.38991	1.30991	0.707954	0.910819	1.03014	1.03014	0.886534	1.03014	1.03014	0.671394	0.886534	1.16018	0.70868	0.829333	1.20596	0.851805	1.17338	0.953	-1.04955	1.04955	1.00422	4.65485	4.04478	1.00315	0.918704	0.858844	1
cg18152535	MLC1;MLC1 DCAF11;DCAF11;GABRA1;GABRA1;GA	0.503427	0.514702	0.838725	-1.19229	0.157043	1.4961	1.4961	0.661435	1.12446	1.12446	0.968591	0.995304	-1.00472	0.505224	0.835293	-1.19718	0.10078	1.61361	1.61361	0.294984	1.33524	1.33524	0.575877	0.860321	-1.16236	0.996475	0.998825	-1.00118	1.00361	1.12632	0.997578	1
cg05982485	BRA1	0.503427	0.443683	0.86525	-1.15574	0.531986	0.891643	-1.12153	0.804092	0.956106	-1.04591	0.445605	1.15127	1.15127	0.159534	1.31302	1.31302	0.895197	0.976405	-1.02417	0.669569	0.925175	-1.08088	0.61299	0.911733	-1.09681	0.0972661	1.39055	1.39055	1.0036	0.521721	0.462086	1
cg25996904	ZSCAN1	0.503428	0.985121	0.989034	-1.01109	0.751888	1.20629	1.20629	0.501894	0.668309	-1.49631	0.548064	0.698089	-1.43248	0.092947	0.335211	-2.98319	0.089048	0.329916	-3.03108	0.408856	0.606838	-1.64789	0.997635	0.998249	-1.00175	0.220045	0.466496	-2.14364	1.0036	5.55763	4.92237	1
cg04634420	PDGFC	0.503429	0.880764	1.07503	1.07503	0.6439884	0.781709	-1.27926	0.0452226	0.33237	0.332237	0.481125	0.687807	-1.4539	0.506971	0.703888	-1.42169	0.642653	0.78333	-1.2766	0.782011	0.865055	-1.156	0.533304	1.39062	1.39062	0.821518	1.12534	1.12534	1.0036	4.34054	3.84517	1
cg22963452	PITM1	0.503434	0.692347	0.905727	-1.10409	0.143465	0.676095	-1.47908	0.224516	0.727844	-1.37392	0.19774	0.712496	1.403551	0.868785	1.04203	1.04203	0.321874	0.775069	-1.29021	0.240372	0.33586	0.655749	0.894299	-1.11839	0.652904	0.893404	-1.11931	1.00359	0.985352	0.827732	1
cg15144236	PLAGL1;PLAGL1	0.503442	0.302014	1.31053	1.31053	0.2729511	0.878926	1.11831	1.38991	1.30991	0.707954	0.910819	1.03014	1.03014	0.886534	1.03014	1.03014	0.671394	0.886534	1.16018	0.70868	0.829333	1.20596	0.851805	1.17338	0.953	-1.04955	1.04955	1.00422	4.65485	4.04478	1.00315	0.918704	0.858844	1
cg15329936	TSNARE1	0.503477	0.651278	0.690188	-1.44888	0.950214	0.950389	-1.0522	0.929666	0.930586	-1.07459	0.177388	0.31092	-3.21626	0.0362385	0.137469	-7.27436	0.643359	0.68389	-1.46222	0.302291	0.418606	-2.38888	0.930831	0.931698	-1.07331	0.393014	0.490145	-2.04021	1.00352	10.5546	9.34896	1
cg15183222	PPP4R2	0.503482	0.245472	2.60047	2.60047	0.0148976	0.560781	-1.78329	0.0178999	0.919756	1.08994	0.615156	1.48932	1.48932	0.190159	1.39921	1.39921	0.681986	1.38282	1.38282	0.128029	1.76814	1.76814	0.170195	1.92305	1.92305	0.0276507	2.84525	2.84525	1.00351	9.83683	8.71328	1
cg04726876	SMARCA2;SMARCA2	0.503482	0.424083	1.17656	1.17656	0.162547	1.34572	1.34572	0.209982	0.80598	1.24113	0.0865617	1.05657	1.05657	0.689075	1.08402	1.08402	0.597751	1.11187	1.11187	0.812828	0.713635	-1.40128	0.568905	1.1215	1.1215	0.92628	0.981738	1.0186	1.00351	0.630401	0.558398	1
cg25732104	GJB5	0.503483	0.130785	1.89771	1.89771	0.371178	1.43409	1.43409	0.449744	0.739034	-1.35312	0.300379	1.52403	1.52403	0.974643	1.01256	1.01256	0.293325	1.53421	1.53421	0.114179	1.96343	1.96343	0.386442	1.41707	1.41707	0.740425	1.13944	1.13944	1.00351	2.45016	2.17031	1
cg24428906	SERGEF	0.503495	0.510359	0.873675	-1.14586	0.2828109	1.3242	1.3242	0.454085	0.768753	-1.30133	0.344012	0.991553	0.991553	0.992612	0.969652	-1.03145	0.968404	1.02008	1.02008	0.818344	0.899662	-1.11153	0.421966	0.625556	-1.59931	0.128858	0.27806	-3.59748	1.00348	4.00218	3.54514	1
cg08043408	PPAPDC3	0.503501	0.859495	0.956521	-1.04546	0.795419	0.936892	-1.06736	0.538212	0.855256	-1.16924	0.217758	0.722317	-1.38443	0.119724	1.52735	1.52735	0.506143	1.18441	1.18441	0.21404	1.39252	1.39252	0.673996	0.899292	-1.11199	0.548964	1.16432	1.16432	1.00346	0.0003	0.88609	1
cg01307507	CBX2;CBX2	0.503526	0.999189	0.999815	-1.00019	0.329745	0.832613	-1.20104	0.136852	0.746867	-1.33893	0.491796	1.13561	1.13561	0.356858	1.18838	1.18838	0.351057	1.19101	1.19101	0.2861	1.81728	-1.22356	0.871884	1.02983	1.02983	0.486889	1.1373	1.1373	1.00343	0.527164	0.466989	1
cg18821904	MARK3;MARK3;MARK3;MARK3;MARK3	0.503531	0.30065	1.92518	1.92518	0.395017	1.70238	1.70238	0.55527	1.43964	1.43964	0.683100	1.28489	1.28489	0.351996	0.557127	-1.79492	0.813032	0.865270	-1.1557	0.0726767	1.39728	1.39728	0.476467	1.55606	1.55606	0.241219	2.11542	2.11542	1.00342	5.92765	5.25106	1
cg16460157	PDMT2	0.503533	0.0541203	0.614023	-1.62813	0.844186	1.31707	1.31707	0.52796	0.719496	-1.31936	0.414669	0.65918	-1.51722	0.459759	0.610295	-1.63855	0.488567	1.18299	1.18299	0.674564	1.14043	1.14043	0.424217	1.70364	1.70364	0.868057	1.11465	1.11465	1.00342	6.7724	5.99941	1
cg03235978	KIAA2026	0.503537	0.148331	0.612192	-1.63347	0.180317	1.56874	1.56874	0.253506	1.45851	1.45851	0.932562	0.97357	-1.02715	0.779289	0.914922	-1.09299	0.24569	0.680951	-1.46854	0.9809	0.9924542	-1.00761	0.641229	0.861979	-1.16012	0.750665	0.904029	-1.10616	1.00341	1.59176	1.41009	1
cg14432143	HLA-JNCRNA00171	0.503554	0.520089	0.771234	-1.40603	0.639864	0.781709	-1.27926	0.0452226	0.33237	0.332237	0.481125	0.687807	-1.4539	0.506971	0.703888	-1.42169	0.642653	0.78333	-1.2766	0.782011	0.865055	-1.156	0.533304	1.39062	1.39062	0.821518	1.12534	1.12534	1.0034	4.34054	3.84517	1
cg02766425	GSG1L;GSG1L	0.503549	0.106465	0.63625	0.63625	0.140032	1.52594	1.52594	0.566928	1.83154	1.83154	0.107035	6.2938	6.2938	0.502294	0.97664	0.97664	0.590655	1.76432	1.76432	0.197905	1.44932	1.44932	0.353138	2.71548	2.71548	0.789538	1.32275	1.32275	1.00339	17.3738	15.3912	1
cg26145502	ENO1	0.503563	0.882383	0.977675	-1.02283	0.514988	0.904214	-1.10593	0.828795	1.03358	1.03358	0.501497	1.10965	1.10965	0.0979643	0.758168	-1.31897	0.568381	0.915826	-1.09191	0.656602	1.07017	1.07017	0.121824	1.29145	1.29145	0.870323	1.02523	1.02523	1.00336	0.369603	0.327435	1
cg15679673	RGMB	0.503567	0.829892	0.86267	-1.15999	0.5068	1.0968	1.0968	0.9858	1.00333	1.44012	0.952153	0.959652	-1.04204	0.239405	0.697231	-1.43407	0.968404	1.02008	1.02008	0.818344	0.899662	-1.11153	0.421966	0.625556	-1.59931	0.128858	0.27806	-3.59748	1.00348	4.00218	3.54514	1
cg01607321	ARHGEF10	0.503574	0.110497	0.428127	-2.33575	0.306184	0.596444	-1.6766	0.43864	0.680283	-2.47009	0.473713	0.900876	-1.42679	0.133943	0.454565	-2.19991	0.10449	0.420796	-2.37645	0.50532	0.734197	-1.39056	0.23422	0.544298	-1.83723	0.49444	0.712884	-1.40275	1.00334	3.78082	3.34953	1
cg06147143	TBC1D9	0.503575	0.24339	0.474812	-2.10601	0.1722	0.343422	-2.91187	0.156855	0.29063	-3.44168	0.12772	0.576937	1.73313	0.0636448	0.452	-2.21238	0.133218	0.458324	-2.18154	0.61445	0.88802	-1.12607	0.567403	1.452	-1.45129	0.90201	0.923566	-1.08279	1.00334	0.628473	0.556227	1
cg23532322	BAIAP2;BAIAP2;BAIAP2	0.503577	0.824897	0.90499	-1.10498	0.306028	1.61198	1.61198	0.360827	1.52686	1.52686	0.22672	1.77146	1.77146	0.765552	1.14422	1.14422	0.744434	1.15878	1.1578	0.121544	0.469438	-2.13021	0.844818	0.915499	-1.0923	0.255013	0.70814	1.70814	1.00334	3.22528	2.85738	1
cg10256662	HPRT1	0.503585	0.0559528	0.224089	-4.46252	0.180687	0.374605	-2.66948	0.904878	0.920734	-1.08609	0.821825	1.16861	1.16861	0.782653	0.826042	-1.21059	0.232609	0.421186	-2.37425	0.843237	1.14657	1.14657	0.622708	1.40845	1.40845	0.672024	0.745148	-1.34202	1.00332	7.58284	6.71798	1
cg14378057	KIAA0240	0.503591	0.382112	1.17302	1.17302	0.4284614	1.16569	1.16569	0.634781	1.16454	1.16454	0.838622	1.1622	1.1622	0.0858826	1.242523	1.242523	0.934787	1.04159	1.04159	0.844825	0.801759	1.04159	1.04159	0.882413	0.884264	1.04159	1.04159	0.882413	0.884264	1.04159	1.04159	0.882413	0.884264	1.00331	2.64953	2.39045	1
cg24174608	RASGRP1;RASGRP1	0.503596	0.851994	0.902704	-1.10778	0.793045	1.155	1.155	0.0762783	2.94731	2.94731	0.78996	1.15755	1.15755	0.608059	0.753151	-1.32776	0.387893	0.615691	-1.62419	0.272689	0.534898	-1.86951	0.392848	0.618957	-1.61562	0.504346	1.44964	1.44964	1.0033	4.77264	4.22837	1
cg24320034	PPTPC1	0.503597	0.183433	2.29647	2.29647	0.324803	2.10327	2.10327	0.0643294	0.807307	2.25407	0.164955	0.807307	-1.25407	0.164955	0.80876	-1.23675	0.222644	1.58317	1.58317	0.153455	0.4098	2.44098	0.0244	0.4098	2.44098	0.0244	0.4098	2.44098	0.0244	0.4098	2.44098	0.0244	0.4098	1.00331	10.0861	8.93284	1
cg08786822	HTT	0.503604	0.88527	0.96771	1.06371	0.227971	1.71829	1.71829	0.596536	2.18256	2.18256	0.836346	1.09251	1.09251	0.466611	1.37489	1.37489	0.115602	1.0786	1.0786	0.113427	1.20698	1.20698	0.67173	1.20002	1.20002	0.803963	1.11225	1.11225	1.00329	2.90764	2.57609	1
cg10706454	C1orf172	0.503622	0.443133	7.08419	7.08419	0.105055	84.339	84.339	0.578022	0.40836	0.40836	0.433014	7.414	7.414	0.705491	2.58741	2.58741	0.989602	1.03

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	p-value(105 vs. N)	Fold-Change(1-vs-111TN)	p-value(111 vs. N)	Fold-Change(1-vs-112TN)	p-value(112 vs. N)	Fold-Change(1-vs-121TN)	p-value(121 vs. N)	Fold-Change(1-vs-237TN)	p-value(347 vs. N)	Fold-Change(1-vs-347TN)	p-value(477 vs. N)	Fold-Change(1-vs-537TN)	p-value(537 vs. N)	Fold-Change(1-vs-537TN)	p-value(537 vs. N)	Fold-Change(1-vs-563TN)	p-value(563 vs. N)	Fold-Change(1-vs-637TN)	F(Test)	SS(Test)	SS(Error)	F(Error
cg18975529	RWD228	0.504037	0.140781	0.48019	-2.2778	0.142878	0.443106	-2.266	0.105769	0.399276	2.50454	0.426024	0.656061	-1.52425	0.671894	1.24779	1.24779		0.424826	0.654752	-1.52729	0.965706	0.977908	1.02259	0.1938804	0.593683	-1.6844	0.811254	0.883105	-1.13237	1.00252	4.28094	3.80104	1
cg05919621	C10orf122	0.504049	0.171377	0.377525	-2.68483	0.973422	0.977961	-1.02254	0.481597	0.619724	-1.61362	0.85205	0.882594	-1.13302	0.131587	0.336609	-2.9708		0.670356	0.75095	-1.33165	0.306001	0.492151	-2.03619	0.0627171	0.246375	-4.05886	0.565342	0.67789	-1.47516	1.0025	7.10443	6.2993	1
cg18267436	BOLL;BOLL	0.504051	0.431924	0.532566	-1.8777	0.0600776	0.188984	-5.29145	0.379218	0.492321	-2.03119	0.651215	1.42973	1.42973	0.302776	0.432352	-2.31293		0.456065	0.550848	-1.81538	0.131786	0.278633	-3.58896	0.592255	0.653986	-1.52909	0.689724	0.729621	-1.37057	1.00249	9.79694	8.68672	1
cg07398350	C16orf57	0.504069	0.224644	0.787236	-1.27007	0.0952844	1.41024	1.41024	0.731942	0.96602	1.06662	0.326613	0.39198	1.20918	0.729122	1.06733	1.06733		0.447846	0.15614	1.15614	0.358975	0.837855	-1.19352	0.63092	1.09504	1.09504	0.712097	1.072	1.072	1.00246	0.558524	0.495246	1
cg18193094	GRIK2;GRIK2;GRIK2;GRIK2;GRIK2	0.504077	0.880265	1.03959	1.03959	0.498097	0.837656	-1.19381	0.81657	1.06167	1.06167	0.261391	1.35211	1.35211	0.408744	0.938211	1.06586		0.123385	1.53704	1.53704	0.138885	0.663451	-1.50727	0.577258	1.15608	1.15608	0.693582	1.10737	1.10737	1.00245	1.05321	0.9339	1
cg13650137	ASPM	0.504078	0.246726	1.22319	1.22319	0.635317	0.923613	-1.0827	0.862461	1.02926	1.02926	0.298971	0.836063	-1.19608	0.804923	0.959677	-1.04202		0.0686613	0.712515	-1.40348	0.520925	0.897428	-1.1143	0.512069	1.11695	1.11695	0.983229	0.99651	-1.0035	1.00245	0.43921	0.389456	1
cg12508639	FUNB;FUNB;FUNB;FUNB	0.504078	0.467867	0.679605	-1.47144	0.995867	1.00271	1.00271	0.41319	0.645684	1.54875	0.17554	0.470853	-2.12381	0.276707	0.553446	-1.80686		0.342266	1.66804	1.66804	0.164588	0.460551	-2.17131	0.968861	1.02062	1.02062	0.198991	0.491278	-2.03551	1.00245	4.34096	3.84921	1
cg06807905	KCNC4;KCNC4	0.504086	0.158525	0.423894	-2.35908	0.863559	1.1029	1.1029	0.866726	1.10036	1.10036	0.457684	0.593058	1.68568	0.0538408	1.35115			0.494039	0.67337	-1.48507	0.454766	0.648208	-1.54271	0.237086	0.493951	-2.02436	0.672541	0.710023	1.4084	1.00243	1.14764	4.56458	1
cg11682071	STK32B	0.504098	0.855452	0.970105	-1.03082	0.61183	1.08891	1.08891	0.328246	0.845389	-1.18289	0.328884	0.845589	-1.18261	0.831268	1.03615	1.03615		0.449026	0.879498	-1.13701	0.059183	0.701473	-1.42557	0.715227	0.940835	-1.06289	0.381273	1.16122	1.16122	1.00241	0.4398	0.389993	1
cg16973568	OCA2	0.504102	0.911994	0.986991	1.01348	0.786878	1.03174	1.03174	0.721008	0.823469	-1.21437	0.306287	0.882102	1.13364	0.525506	0.876188	-1.0205		0.640788	0.945864	-1.05723	0.194734	1.17174	1.17174	0.380484	0.875636	-1.14203	0.258889	0.869784	-1.14971	1.0024	0.222834	0.197476	1
cg12749531	KIAA1967;KIAA1967	0.504105	0.902028	1.13977	1.13977	0.884625	1.16678	1.16678	0.326912	0.339488	-2.94561	0.793079	0.756281	-1.32226	0.183143	0.22	-4.54544		0.780905	0.743571	-1.34486	0.448547	0.22676	2.27676	0.347052	0.280984	-3.82984	0.126923	0.90064	5.90064	1.01473	17.7515	13.6063	1
cg11344013	KCN12	0.504112	0.693487	1.31717	1.16717	0.0335663	2.60174	2.60174	0.562521	0.778467	-1.28458	0.66106	1.38659	1.38659	0.341521	1.46144	1.46144		0.2994	1.73768	1.32268	0.191095	1.47579	1.47579	0.491157	1.31206	1.31206	0.557799	1.26026	1.26026	1.00237	2.41765	2.14394	1
cg15070801	C8orf46	0.504123	0.348122	1.17557	1.17557	0.899419	0.97884	-1.02162	0.518524	1.11589	1.11589	0.259971	0.821386	1.41745	0.47476	1.12943	1.12943		0.829707	1.03673	1.03673	0.353214	1.4101	1.4101	0.549148	0.903483	-1.10583	0.87666	1.02635	1.02635	1.00237	0.445146	0.394751	1
cg12612065	C1orf159	0.504127	0.385501	1.39572	1.39572	0.429218	0.739025	-1.35313	0.0910705	2.00873	2.00873	0.242414	1.58166	1.58166	0.98894	0.994819	-1.00521		0.160863	1.57291	1.57291	0.392318	1.38786	1.38786	0.79427	1.10254	1.10254	0.495507	1.29609	1.29609	1.00236	1.22949	1.9771	1
cg07318110	MPHOSPH6	0.504133	0.858831	0.950498	-1.16408	0.591464	1.48423	1.48423	0.687622	1.13825	1.13825	0.336954	0.70494	1.70494	0.893047	0.915549	-1.12164		0.243519	0.352977	-2.83305	0.717991	0.733819	-1.36273	0.183471	0.209872	-4.33453	0.744351	1.13212	1.13212	1.00235	1.15608	1.02522	1
cg16762085	ESYT2	0.504138	0.457525	1.2157	1.2157	0.590542	0.869159	-1.15054	0.202235	0.706384	-1.41566	0.72225	1.09652	1.09652	0.229895	0.722367	-1.38434		0.128394	1.52851	1.52851	0.538826	1.17427	1.17427	0.967464	0.989525	-1.01059	0.704991	0.906472	-1.10318	1.00234	1.05806	0.9383	1
cg04447981	SIPA1	0.504162	0.137744	0.564122	-1.77266	0.15531	1.72401	1.72401	0.664836	0.855468	-1.16898	0.296954	0.678881	-1.47301	0.831538	0.927391	-1.07839		0.49097	0.77835	-1.28477	0.786655	0.907402	-1.10205	0.889978	1.05082	1.05082	0.948987	1.41246	1.41246	1.0023	2.01648	1.80605	1
cg26023902	LOC285735	0.504163	0.246314	0.640778	-1.56103	0.449131	0.915874	-1.09237	0.943351	1.707127	-1.41377	0.482032	1.36104	1.36104	0.059222	0.465185	-2.14968		0.412227	0.72984	-1.35164	0.748648	0.890882	-1.12248	0.810915	0.912464	-1.09596	0.360523	0.713303	-1.40193	1.0023	2.05051	1.8185	1
cg20001070	UPP1;UPP1	0.504164	0.0610593	0.326726	-3.06067	0.627809	0.771905	-1.2955	0.286065	0.555936	-1.79877	0.87116	1.08982	1.08982	0.907158	0.940048	-1.06378		0.482122	1.46022	1.46022	0.248413	0.527615	-1.89532	0.557829	1.36901	1.36901	0.603374	0.75771	-1.31977	1.00229	4.45777	3.95339	1
cg10865849	ZNF488	0.504179	0.129207	0.75225	-1.32934	0.749207	1.04763	1.04763	0.322361	1.19383	1.19383	0.18362	1.27758	1.27758	0.290328	1.20093	1.20093		0.587218	1.09986	1.09986	0.588075	0.906545	-1.10309	0.812805	0.959043	-1.04205	0.574466	1.10353	1.10353	1.00227	0.478647	0.424502	1
cg18383585	NOS1AP;NOS1AP	0.504192	0.370843	0.478865	-2.08827	0.657885	0.93138	-1.17117	0.544959	0.61206	-1.63383	0.76258	0.784443	-1.27479	0.239011	0.372227	-2.68617		0.407544	0.507192	-1.97164	0.100718	0.236782	-4.22329	0.302447	0.430481	-2.32298	0.852344	0.861306	-1.16103	1.00225	10.1912	9.03946	1
ch.12.16675070TMTC2	TMTC2	0.504201	0.117398	0.885484	-2.26204	0.151786	2.42308	2.42308	0.134352	0.626265	-1.59701	0.487353	1.43333	1.43333	0.405899	0.699453	-1.43003		0.26484	1.52154	1.52154	0.191736	0.647058	-1.54545	0.346093	1.18634	1.18634	0.357799	0.704059	-1.42044	1.00223	0.74058	0.657404	1
cg20688993	ZFHX4	0.504202	0.580557	0.871501	-1.14745	0.258097	0.747662	-1.3375	0.461141	0.831196	-1.20309	0.909214	1.02851	1.02851	0.636288	0.889239	-1.12456		0.593866	1.14183	1.14183	0.0667315	1.6596	1.6596	0.463369	0.831986	-1.20194	0.78304	1.07039	1.07039	1.00223	0.963935	0.854927	1
cg27349746	UBTF;UBTF;UBTF	0.504206	0.524836	0.687105	-1.45538	0.0721696	1.21769	1.21769	0.5788	0.23138	2.31338	0.0145166	1.56308	1.56308	0.962509	0.976859	-1.02369		0.602364	0.736307	-1.35813	0.467252	0.53875	1.85875	0.835614	0.12863	1.12863	0.589361	0.728085	-1.37347	1.00222	5.38287	4.77417	1
cg18475036	ERCC2;ERCC2;ERCC2;ERCC2	0.504208	0.419301	1.25795	1.25795	0.790804	1.00127	1.00127	0.553707	0.760975	1.36299	0.360402	0.607103	1.53763	0.162791	1.36299	1.36299		0.807641	0.960553	-1.03621	0.464626	0.809178	-1.23582	0.0471177	0.498393	-2.00645	0.495488	0.808855	-1.23632	1.00222	1.49122	1.3226	1
cg16775460	TBC1D16	0.504212	0.329388	0.684269	-1.46141	0.132956	0.542794	-1.84232	0.509823	0.777239	-1.28661	0.450181	0.74825	-1.33645	0.311415	0.673859	-1.48399		0.176297	0.581659	-1.71922	0.587815	1.22908	1.22908	0.347078	0.633698	-1.57804	0.161972	0.569591	-1.75565	1.00221	2.25504	2.00007	1
cg07724982	MTRR;MTRR;FASTKD3	0.504215	0.347435	0.868315	-1.15166	0.673932	1.03783	1.03783	0.181351	1.22986	1.22986	0.649522	1.09443	1.09443	0.0597102	1.1107	1.1107		0.708888	1.05627	1.05627	0.964655	1.00082	1.00082	0.997315	1.00122	1.00122	0.991257	1.17334	1.17334	1.0022	0.33818	0.299943	1
cg15605315	TESK2	0.504219	0.233319	0.762626	-1.31126	0.732377	1.07728	1.07728	0.170724	0.732594	-1.36501	0.335851	0.806379	-1.24011	0.126768	0.698958	-1.4307		0.762831	0.936477	-1.06783	0.54203	1.14322	1.14322	0.402302	1.16326	1.16326	0.847886	1.03476	1.03476	1.0022	0.746407	0.662018	1
cg01276982	EXT1	0.504219	0.669662	0.836297	-1.19575	0.633838	0.803152	-1.24509	0.630866	0.801586	-1.24753	0.852193	1.08894	1.08894	0.0828926	0.415945	-2.40416		0.71683	1.18104	1.18104	0.793129	0.886866	-1.12757	0.300261	1.6329	1.6329	0.133073	0.476982	-2.09652	1.0022	3.31225	2.93777	1
cg04410446	SNX31	0.504227	0.702764	1.20336	1.20336	0.824744	1.18384	1.18384	0.250474	1.78571	1.78571	0.149088	1.16759	1.16759	0.0973455	1.20968	1.20968		0.404527	1.50955	1.50955	0.307312	1.18209	1.18209	0.68031	1.12146	1.12146	0.63535	1.25942	1.25942	1.00218	1.307036	1.28204	1
cg08488529	ARHGAP17;ARHGAP17	0.504227	0.102881	0.697694	-1.43329	0.45186	0.856691	-1.16728	0.648181	1.09714	1.09714	0.590737	1.11578	1.11578	0.747357	1.06728	1.06728		0.894956	1.02702	1.02702	0.476133	0.863972	-1.15745	1.008913	0.702703	-1.42308	0.663753	1.09229	1.09229	1.00218	0.464934	0.573321	1
cg04147625	LAMC2;LAMC2	0.504235	0.469809	1.15466	1.15466	0.552334	0.835364	-1.19708	0.662665	0.802565	-1.24611	0.851515	1.08763	1.08763	0.132756	0.814163	-1.22819		0.0800139	0.647958	1.54256	0.142326	0.550039	-1.81753	0.164875	0.552953	-1.79233	0.634675	0.912613	-1.09568	1.00218	0.609098	0.524268	1
cg14618583	FAM120B	0.504265	0.696241	0.838966	-1.19194	0.123188	0.473608	-2.11145	0.336584	0.64184	-1.55802	0.362988	1.51956	1.51956	0.551606	0.763716	1.30939		0.446778	1.41488	1.41488	0.220007	1.78097	1.78097	0.704274	1.18609	1.18609	0.791271	1.8880165	-1.12604	1.00211	1.17886	2.81969	1
cg26958597	EFCAB10	0.504267	0.135113	0.763008	-1.3106	0.827414	1.03735	1.03735	0.656818	0.929658	-1.07798	0.281936	0.826805	-1.20656	0.339412	0.847558	-1.1798		0.084763	0.726066	-1.37728	0.621085	0.919732	-1.08727	0.33961	0.846665	-1.17971	0.598892	1.0932	-1.0452	0.2919004	1.36683	1.1021	1.30762	1.15989	1
cg09314488	TET2;TET2	0.504274	0.184884	0.729204	-1.37136	0.429308	0.742932	1.14292	0.201499	1.40702	0.554842	1.80259	1.14533	1.14533	0.205909	1.18512	1.18512		0.26484	1.52154	1.52154	0.191736	0.647058	-1.54545	0.346093	1.18634	1.18634	0.357799	0.704059	-1.42044	1.00211	0.74058	0.657404	1
cg19523213	KCNJ8	0.504278	0.584623	0.828998	-1.20628	0.302802	0.695845	-1.4371	0.0473716	2.16129	2.16129	0.523546	1.24561	1.24561	0.933504	1.02876	1.02876		0.971889	1.01204	1.01204	0.660706	1.1619	1.1619	0.401135	1.33904	1.33904	0.620718	1.18466	1.18466	1.00209	1.83175	1.62483	1
cg01122492	COL5A1	0.504281	0.16193	0.702503	-1.42401	0.749382	1.03553	1.03553	0.788384	0.86708	-1.1536	0.664708	1.07425	1.07425	0.874826	1.03599	1.03599		0.659388	0.897711	-1.11437	0.633139	0.74965	-1.33355	0.0722	0.559322	-1.78755	0.0906	0.808156	0.95906	1.00208	0.0844	0.0756	1
cg00502063	NAGK	0.504299	0.848762	0.969571	-1.03138	0.822953	1.03694	1.03694	0.412819	1.14514	1.14514	0.60887	0.919859	-1.08712	0.39276	1.15224	1.15224		0.645547	1.07785	1.07785	0.0779707	0.729259	-1.37126	0.292681	0.838031	-1.19327	0.0442	1.349	1.349	1.00205	0.415791	0.368834	1
cg17722719	IQGAP3;IQGAP3	0.504316	0.319375	0.611238	-1.63603	0.976288	0.985882	-1.01432	0.41631	0.67205	-1.48798	?	?	?	?	0.898368	1.06304	1.06304		0.834364	1.10536	1.10536	?	?	?	0.129907	0.457202	-2.18722	0.123407	0.450073	-2.22186	0.97951	2.7613	3.22178	1
cg04773728	DCP1	0.504328	0.294001	0.721501	-1.38594	0.749382	1.03553	1.03553	0.788384	0.86708	-1.1536	0.664708	1.07425	1.07425	0.874826	1.03599	1.03599		0.659388	0.897711	-1.11437	0.633139	0.74965	-1.33355	0.0722	0.559322	-1.78755	0.0906	0.808156	0.95906	1.00205	0.0844	0.0756	1
cg24748931	ANKS3;ANKS3;C16orf71	0.504329	0.0621014	0.677109	-1.47687	0.867595	0.9695	-1.03146	0.831674	1.04031	1.04031	0.84765	1.04131	1.04131	0.731231	1.30952	1.30952		0.537157	1.123	1.123	0.741883	0.940487	-1.06328	0.570653	1.11226	1.11226	0.695817	0.9296555	-1.07567	1.002	0.546908	0.48517	1
cg03372779	NPW;NPW	0.504337	0.13073	0.447003	-2.23666	0.0975284	0.981581	0.981581	0.146611	0.688457	0.885762	-1.24106	0.623812	1.60404	0.308244	0.737122	-1.35684		0.980801	1.04394	1.04394	0.812021	0.291968	-3.42503	0.0454487	0.808855	-1.11437	0.744157	0.83388	-1.19921	1.00199	0.96468	0.872345	1
cg18977434	ACOT4	0.504343	0.246932	1.19847	1.19847	0.153823	1.2581	1.2581	0.9011	0.98158	-1.01877	0.660595	0.93606	-1.06831	0.669104	1.0664	1.0664		0.535538	0.91044	-1.09837	0.288072	1.17932	1.17932	0.328909	1.16263	1.16263	0.278627	0.844966	-1.18348	1.00198	0.358476	0.314821	1
cg11444704	CCNI1	0.504345	0.712634	0.84794	-1.17953	0.594437	0.910919	-1.32799	0.534228	1.32257	1.32257	0.31272	0.485705	-2.05738	0.239004	0.576699	-1.73401		0.708888	1.05627	1.05627	0.964655	1.00082	1.00082	0.997315	1.00122	1.00122	0.991257	1.17334	1.17334	1.0022	0.33818	0.299943	1
cg04044836	STRN	0.504351	0.965645	1.01132	1.01132	-1.4662	0.523839	1.41383	1.41383	0.910295	1.03465	1.4845	1.51951	1.20408	1.08721	1.31694	1.31694		0.566288	0.89417	-1.16358	0.455002	1.18184	1.18184	0.917448	1.02746	1.02746	0.426135	1.23659	1.23659	1.00196	1.08369	0.961393	1
cg00331541	GME82	0.504356	0.399789	0.806243	-1.24032	0.936633	1.02007	1.02007	0.249196	1.35112	1.35112	0.81167	0.942101	-1.06146	0.906646	0.767632	-1.30271		0.161323	1.45319	1.45319	0.786768	0.934495	-1.0701	0.88977	0.965944	-1.03526	0.182938	0.702503	-1.42348	1.00194	0.990702	0.878015	1
cg13774792	IGSF9B	0.504358	0.0540045	0.483407	-2.06911	0.854229	1.02462	1.02462	0.0908792	-1.10036	0.775573	0.997355	1.08792	-1.10036	0.775573	0.997355	1.08792		0.704016	1.42402	1.42402	0.139147	0.702945	-1.42259	0.709028	0.920285	-1.08662	0.834891	1.04734	1.04734	1.00193	0.779434	0.691411	1
cg20938346	SIM1	0.504376	0.224191	0.508819	-1.96534	0.20794	0.495303	-2.01897	0.581334	1.34275	1.34275	0.63852	0.778503	-1.28452	0.134738	0.426007	-2.34738		0.411843	0.641449	-1.55897	0.164987	0.456673	-2.18975	0.255635	0.533673	-1.87381	0.970171	1.01998	1.01998	1.00192	0.44333	0.394207	1
cg20495911	MAD2L1;MAD1L1;MAD1L1	0.504378	0.720837	1.24096	1.24096	0.60808885	2.01158	2.01158	0.771363	1.16464	1.16464	0.990663	0.991898	-1.00614	0.992469	0.954093	-1.04776		0.540134	1.16312	1.16312	0.365591	0.971555	-1.02949	0.746436	1.18495	1.18495	0.224898	0.513367	-1.94792	1.00191	0.343158	0.305381	1
cg02532488	EHBP111	0.504378	0.06935527	0.434413	-2.30139	0.524281	0.767344	-1.3032	0.3122987	0.771714	-1.29582	0.965116	0.727082	-1.38508	0.181574	0.538788	-1.78959		0.310137	0.649863	-1.53879	0.0435116	0.522046	-1.91554	0.217476	0.0938158	-10.70312	0.580798	0.795411	-1.25727	1.00191	2.67242	2.37095	1
cg26186546	TACC2;TACC2	0.504389	0.747352	0.840919	-1.18917	0.308391	0.568273	-1.75972	0.962651	0.74252	1.02542	0.57242	1.35768	1.35768	0.114515	0.394756	-2.53321		0.329753	1.71456	1.71456	0.65574	1.27192	1.27192	0.372946	1.63283	1.63283	0.310602	0.569841	-1.75488	1.00189	4.55971	4.04542	1
cg27604944	DACH1;DACH1;DACH1	0.504389	0.917693	1.03663	1.03663	0.552588	0.838355	-1.19373	0.476173	0.78947	-1.26697	0.837457	0.804077	-1.24317	0.0247743	0.680477	-1.46951		0.392826	0.897745	-1.1224	0.312058	0.871668	-1.14722	0.272882	0.715557	-1.39787	0.0887	1.11974	1.11974	1.00187	0.245802	0.214194	1
cg06105987	PRKAG2;PRKAG2	0.504394	0.59634	0.818374	-1.22194	0.257812	0.557701	1.55701	0.120766	1.87935	1.87935	0.714744	0.871414	-1.14756	0.219968	0.630437	-1.5862		0.7174794	0.872633	-1.14596	0.337477	1.44886	1.44886	0.675919	0.854157	-1.17075	0.664107	0.848888	-1.17801	1.00188	2.23089	1.97928	1
cg21123366	NDUFA10	0.504398	0.655352	1.29275	1.29275	0.25581	1.96998	1.96998	0.751234	1.19935	1.19935	0.996351	1.00262	1.00262	0.0249335	1.305446	-1.2739		?	?	?	?	?	?	?	0.0576183	-1.47888	0.0956126	-1.39522	0.991989	4.56229	4.03913	1
cg08597019	SPIRE2	0.504404	0.0254489	0.261812	-3.81954	0.796649	1.13918	1.13918	0.972362	1.01764	1.01764	0.995651	1.00275	1.00275	0.94278	0.964425	-1.03689		0.450387	1.74116	1.74116	0.145726	0.959958	1.02566	1.02566	0.750529	0.859628	-1.16329	0.775794	0.865808	1.15499	1.00187	0.40452	3.58485	1
cg06720190	C7orf50;C7orf50;C7orf50	0.504406	0.249563	0.70914	-1.41016	0.159995	1.20474	1.20474	0.516938	1.20644	1.20644	0.919289	1.02937	1.02937	0.12447	0.624835	-1.60814		0.484253	0.816258	-1.2251	0.864519	0.952394	-1.04999	0.42117	0.790804	-1.26454	0.135018	0.631167	-1.58437	0.00186	1.2994	1.14843	1
cg04582448	ZFAND3	0.504411	0.78262	0.907665	-1.10204	0.837832	1.04676	1.04676	1.0228	0.610744	1.6249424	-1.21223	0.824744	1.21223	0.610744	1.6249424	-1.21223		0.942824	0.992174	-1.00789	0.947061	1.11189	1.11189	0.749609	0.965533	-1.0357	0.643207	1.05243	1.05243	1.00186	0.190394	0.162405	1
cg08104711	CCDC22	0.504425	0.161396	0.247591	-4.03892	0.988448	0.986577	-1.01361	0.920838	1.09722	1.09722	0.160953	0.404571	0.404571	0.789003	1.28448	1.28448		0.108323	1.194927	-5.13013	0.707821	0.703687	-1.42109	0.756101	0.747649	-1.33753	0.820039	0.808406	-1.237	1.00183	3.82139	12.2655	1
cg11977891	ISPD;ISPD	0.504433	0.0744263	0.599754	-1.66763	0.671382	0.907955	1.07382	0.41267	1.42324	1.42324	0.712519	1.42324	1.42324	0.961594	1.02808	1.02808		0.122168	1.58641	1.58641	0.182204	1.2901	1.2901	0.988525	1.01093	1.01093	0.922521	1.0951	1.0951	1.00182	0.0811314	0.0744654	1
cg21022732	EFCAB10 TRAPPC9B;TRAPPC6B;TRAPPC6B;TRAPP	0.504443	0.526239	0.880965	-1.13512	0.80626	0.952663	-1.04969	0.187529	1.3174	1.3174	0.86093	1.03536	1.03536	0.320336	1.22465	1.22465		0.869394	1.03101	1.03101	0.598219	0.900371	-1.11065	0.489048	1.14878	1.14878	0.0661595	1.50194	1.50194	1.0018	0.617984	0.548333	1
cg02233890	C6B	0.504447	0.176071	0.812988	-1.23003	0.474379	0.900583	-1.11039	0.532301	1.09532	1.09532	0.551271	1.09064	1.09064	0.604803	0.943817	-1.05953		0.941518	0.988495	-1.01062	0.399827	0.883336	-1.13207	0.845401	1.02849	1.02849	0.0970555	1.29969	1.29969	1.00179	0.32868	0.291638	1
cg22248750	FAM82A1	0.504457	0.843331	0.907155	-1.10235	0.190218	0.505014	-1.98014	0.229902	0.53776	-1.85956	0.913295	0.947777	-1.0551	0.0442614	0.320484	-3.12028		0.909375	1.05768	1.05768	0.821787	1.11751	1.11751	0.975366	1.01532	1.01532	0.585867	0.762676	-1.31117	1.00178	3.84755	3.41396	1
cg09859040	ARHT2	0.504462	0.26562	2.2329	2.2329	0.123156	1.83758	1.83758	0.147253	1.37059	1.37059	0.997353	0.977615	1.02305	0.871982	1.04014	1.04014		0.400414	1.08652	1.08652	0.677985	0.852545	1.17939	0.588298	0.802161	0.840063	-1.19008	1.00177	0.754588	0.67841	0.78431	0.69951	1
cg24751

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg16587974	LOC728723;ZBED3	0.504881	0.634844	1.07688	0.107304	1.31275	0.31275	0.760211	0.955715	1.09853	0.85824	1.02807	0.660882	1.07073	1.07073	0.079401	0.739747	-1.35181	0.709169	0.943649	-1.05972	0.919318	1.01581	1.01581	0.818099	1.03631	1.00102	0.379962	0.3374
cg23737737	IFFO1;IFFO1	0.504804	0.140603	1.58615	0.508667	1.21547	1.21547	0.432953	0.792244	-1.26224	0.808364	0.931726	-1.07328	0.299341	1.36757	1.36757	0.402423	0.779278	-1.28324	0.495221	0.817462	-1.2233	0.300315	1.36665	1.36665	0.370062	1.30721	1.30721	1.001	1.34277	1.19238
cg10884975	RBP15	0.504895	0.148501	1.12427	1.12427	0.590811	1.04188	1.04188	0.183609	1.11252	1.11252	0.446311	1.06043	1.06043	0.532037	0.953284	-1.04901	0.423393	0.940069	-1.06375	0.859304	0.986579	-1.0135	0.489029	1.05466	1.05456	0.183102	1.11268	1.11268	1.001	0.09057	0.08042
cg10311240	DDX59	0.504897	0.0399444	1.518897	-1.92346	0.651026	0.882186	-1.13365	0.477074	0.839422	-1.22037	0.758757	0.928641	-1.08856	0.969931	1.01044	1.01044	0.952014	1.01672	1.01672	0.787716	1.07719	1.07719	0.263337	1.37882	1.37882	0.956596	1.01515	1.01511	1.00099	1.20309	1.06835
cg07622748	PRDM6	0.5049	0.510553	1.688005	-2.04916	0.980908	1.026	1.026	0.142974	0.181304	-5.61559	1.604175	1.75368	1.75368	0.680476	1.108402	-9.22495	0.903779	0.878333	-1.13852	0.584762	1.80899	0.780397	1.34973	1.34973	0.525835	0.50113	-1.99549	1.03124	18.0742	13.874	1
cg21975327	KDM4B	0.504901	0.92784	0.967116	-1.0347	0.957733	0.980626	-1.02976	0.286441	0.664566	-1.50474	0.47721	1.30575	1.30575	0.205838	0.610316	-1.63662	0.35898	1.41648	1.41648	0.221486	0.622275	-1.60703	0.254324	1.55174	1.55174	0.707942	1.14909	1.14909	1.00098	2.16019	1.91829
cg14598846	PLEC1;PLEC1	0.504902	0.82805	0.909255	-1.0998	0.82973	0.910116	-1.09876	0.202907	0.55552	-1.80012	0.590303	0.788437	-1.26833	0.353303	1.51843	1.51843	0.632156	1.23481	1.23481	0.15323	1.952	1.952	0.608467	1.25352	1.25352	0.219022	0.568174	-1.76002	1.00998	3.03208	2.69254	1
cg22183448	NDUFA6	0.504908	0.844813	1.05277	1.05277	0.189772	0.694555	-1.43977	0.217867	0.711673	-1.40514	0.347691	1.2888	1.2888	0.734908	0.914982	-1.09328	0.100074	0.623557	-1.6037	0.666855	1.12035	1.12035	0.569586	0.860115	-1.16277	0.739055	0.916017	-1.01968	1.00997	1.09155	0.96932	1
cg13431226	MRPS22	0.504915	0.130153	1.88993	1.88993	0.119241	1.93158	1.93158	0.603588	0.815484	-1.22627	0.169408	1.76824	1.76824	0.598153	1.2301	1.2301	0.410368	1.38792	1.38792	0.93074	1.03443	1.03443	0.52462	1.28538	1.28538	0.655514	0.839594	-1.19105	1.00996	2.40353	2.13442	1
cg00727992	C20orf107	0.504952	0.992458	1.00459	1.00459	0.979409	0.992458	1.00459	0.979409	0.842682	-1.24291	0.235129	0.547154	1.82764	0.893221	0.906243	1.10346	0.246952	1.79802	1.79802	0.74579	0.854156	-1.17075	0.180408	0.550393	-1.99206	0.482955	0.707842	-1.41274	1.00995	1.72299	1.30618	1
cg10441983	KIAA1530	0.504925	0.188649	0.453748	-2.20387	0.970302	0.9791	-1.02135	0.967301	1.02353	1.02353	0.203657	2.14089	2.14089	0.709162	1.23642	1.23642	0.207261	1.22663	1.22663	0.539268	1.42283	1.42283	0.176813	0.597777	-1.67286	0.39189	0.607942	-1.64489	1.00994	5.10284	4.53159	1
cg23126291	CLIC5	0.504928	0.30341	2.29968	2.29968	0.568354	1.54682	1.54682	0.464169	1.75704	1.75704	0.781583	1.81379	-1.23156	7	7	7	0.508956	0.596402	-1.67672	0.09101957	0.244571	-4.08878	0.941781	1.05681	1.05681	0.149939	1.86524	1.86524	0.991028	7.98484	8.05712	1
cg25301023	DIP2C	0.504932	0.163575	1.45186	1.45186	0.183342	0.701861	-1.42478	0.596635	0.71433	-1.14333	0.712021	1.09744	1.09744	0.529748	0.852452	-1.17309	0.968305	0.990086	-1.01001	0.162717	1.45311	1.45311	0.4562	1.20962	1.20962	0.569922	1.15488	1.15488	1.00093	0.996891	0.885302	1
cg03113212	CHST11	0.504933	0.388964	1.15879	1.15879	0.096537	1.356	1.356	0.274297	1.2091	1.2091	0.76605	0.951601	-1.05086	0.975886	1.00506	1.00506	0.719782	1.06198	1.06198	0.44501	1.13896	1.13896	0.311172	1.19113	1.19113	0.888261	1.3688	1.36884	1.00993	0.44169	0.392249	1
cg15157360	BNIP3L	0.504935	0.045464	1.553727	-1.86307	0.309585	0.752367	-1.32914	0.863092	1.06666	-1.06666	0.343119	0.767756	-1.3025	0.751099	0.905022	-1.10429	0.5177	1.837385	-1.19419	0.199352	0.650855	-1.4433	0.694803	0.898759	-1.11265	0.785841	1.07648	1.07648	1.00092	1.16076	1.03084	1
cg20972950	SR140	0.504939	0.318874	1.1935	1.1935	0.689622	1.07136	1.07136	0.497435	1.12557	1.12557	0.285064	0.826411	-1.21005	0.908148	1.02002	1.02002	0.662444	0.927349	-1.07834	0.0849255	0.720994	-1.38697	0.905155	0.97974	-1.02068	0.298622	0.831111	-1.20321	1.00992	0.467398	0.415084	1
cg10979959	ZFYVE28	0.504941	0.715132	1.07863	1.07863	0.682087	1.08877	1.08877	0.104805	0.659741	1.08877	1.08877	0.104805	0.659741	1.44108	0.137562	1.34453	1.34453	0.613379	0.900136	-1.11094	0.825238	0.95536	-1.04673	0.93616	0.980594	-1.01668	0.27482	1.26443	0.418303	1.18054	1.18054	0.601991	0.675954	0.6093	1
cg23294208	NCAN	0.504946	0.570363	0.870872	-1.14807	0.558364	1.154655	1.154655	0.396119	1.185631	1.185631	0.84766	0.954377	-1.0478	0.102507	0.953502	-1.10429	0.1474	1.45856	1.45856	0.136237	1.47668	1.47668	0.81093	1.05992	1.05992	0.610237	0.882656	-1.13294	1.0099	0.934508	0.829924	1
cg25457884	MYT1	0.504956	0.962815	1.02545	1.02545	0.883031	1.08407	1.08407	0.224379	1.98954	1.98954	0.34087	1.69727	1.69727	0.435409	0.651214	-1.53559	0.617766	0.76249	-1.31149	0.307437	0.565837	-1.76729	0.155616	0.440907	-2.26805	0.410955	1.57329	1.57329	1.00989	4.60517	4.08986	1
cg08180955	NDUFS6;MRPL36	0.504957	0.279077	0.781257	-1.27999	0.467344	0.779077	1.28384	0.121621	0.543208	0.873755	-1.14449	0.844715	1.23798	1.23798	0.895721	0.92918	0.872407	1.14618	1.14618	0.20818	0.772621	-1.29509	0.685618	1.29337	1.29337	0.231819	1.31663	1.31663	1.00987	0.762609	0.677365	1
cg05331763	FOXK2	0.504965	0.997597	1.0033	1.0033	0.242514	0.261871	-3.81867	0.147325	0.549232	5.49232	0.985654	0.980496	-1.01989	0.594093	0.554747	-1.80262	0.874452	0.840952	-1.18913	0.168192	0.499649	0.468096	0.445413	-2.24511	0.413527	0.400212	-2.49867	1.00987	19.0227	16.8944	1
cg09464137	HPCAL1;HPCAL1	0.504977	0.420791	0.574449	1.74078	0.619586	1.41617	1.41617	0.238316	1.38929	1.38929	0.602435	1.44263	1.44263	0.42508	0.606996	-1.64844	0.739342	0.779318	1.28313	0.511552	0.333749	-2.99622	0.267444	0.459019	-2.17856	0.837974	0.871094	-1.14798	1.00986	7.20122	6.39557	1
cg02488385	CLIC6	0.504976	0.643621	0.81862	-1.22157	0.090803	0.22633	2.22633	0.39744	1.45095	1.45095	0.767767	1.13566	1.13566	0.227649	0.5804	-1.72295	0.964868	0.0191	1.0191	0.375812	0.67675	-1.47765	0.597135	1.25751	1.25751	0.473435	1.36783	1.36783	1.00985	2.92522	2.59798	1
cg11144784	PTP4A3;PTP4A3;PTP4A3;PTP4A3	0.504978	0.734594	1.17211	1.17211	0.34042	0.632192	-1.5818	0.44335	0.69435	-1.4402	0.615301	0.789395	-1.26679	0.112244	0.446148	-2.24141	0.281382	0.593006	-1.68632	0.117813	0.452607	-2.20942	0.540356	1.33551	1.33551	0.448341	0.697226	-1.43426	1.00985	3.45317	3.06688	1
cg20719617	PER2	0.504982	0.172414	0.401652	-2.48972	0.253605	0.472986	-2.11423	0.356078	0.551326	-1.81381	0.334074	0.527468	-1.89565	0.105384	0.329156	-3.03807	0.740468	0.815573	-1.2324	0.519531	0.663594	-1.50695	0.353027	1.81298	1.81298	0.63885	0.743123	-1.34567	1.00984	6.25324	5.55377	1
cg05540649	SPD;SPD	0.504995	0.287308	0.61853	-1.61674	0.941645	1.03235	1.03235	0.300083	0.626915	-1.59511	0.874952	1.07088	1.07088	0.665149	0.827496	-1.20847	0.605172	1.25454	1.25454	0.236145	1.71566	1.71566	0.086724	0.43925	-2.27661	0.862062	0.927168	-1.07855	1.00982	2.99699	2.66182	1
cg02878486	SART1	0.504997	0.585802	0.55333	-1.80724	0.943235	0.926272	-1.0796	0.624534	0.588297	-1.69982	0.336155	0.344176	-2.90549	0.0547589	0.0960294	-10.4135	0.212096	0.243257	-4.11088	0.140553	0.102918	0.92009	0.487379	-2.05179	0.331355	0.340304	-2.93855	1.00981	18.3346	16.2842	1
cg01072121	TICAM2;TMED7	0.505001	0.347185	1.67233	1.67233	0.28268	0.552657	-1.80944	0.856654	1.10082	1.10082	0.396166	0.630281	-1.58659	0.79378	1.14932	1.14932	0.209147	0.494972	-2.02032	0.507705	1.42904	1.42904	0.152055	2.25945	2.25945	0.890381	0.929364	-1.076	1.00981	4.47307	3.97285	1
cg08086598	MGAT5B;MGAT5B	0.505008	0.453123	1.714157	-1.40035	0.494338	0.453123	2.20687	0.145304	1.45734	1.45734	0.453598	1.3998	1.3998	0.805061	1.14473	1.14473	1.028	0.887057	1.11776	0.716433	1.398	1.398	0.376243	2.66277	2.66277	0.93364	1.11176	1.11176	0.515699	1.75015	1.75015	1.00979	0.62252	0.88249	1
cg15019273	EFCAB9	0.505012	0.278638	1.52956	1.52956	0.226035	0.619027	-1.61544	7	7	7	0.665466	1.17835	1.17835	0.359132	1.42721	1.42721	0.339407	1.44987	1.44987	0.124439	1.87308	1.7815	1.1106	1.1106	0.735731	1.13633	1.13633	0.990877	1.98542	2.0037	1
cg22009596	PIRK7	0.505013	0.34746	1.44313	1.44313	0.472754	0.916664	-1.09122	0.324026	1.11239	1.11239	0.708724	0.842651	-1.18688	0.0884109	0.748355	-1.33585	0.133709	0.800936	-1.24865	0.386094	0.827725	-1.20811	0.314679	0.7997	-1.25047	0.79179	0.944471	-1.05901	1.00979	0.8511	0.806509	1
cg01225838	TRADD;FBXL8	0.50502	0.130675	0.801184	-1.24815	0.0872907	0.773843	-1.29225	0.163467	0.817113	-1.22382	0.454235	0.901651	-1.10908	0.899406	0.982971	1.01732	0.196794	0.830831	-1.20361	0.61935	0.941533	-1.0621	0.995366	1.00079	1.00079	0.706825	0.949979	-1.05265	1.00977	0.292332	0.25965	1
cg11787134	PHF2	0.505022	0.220608	0.535454	-1.86757	0.674224	2.60149	2.60149	0.343606	1.60516	1.60516	0.914605	1.05341	1.05341	0.981905	1.00598	1.00598	0.656987	0.805101	-1.24208	0.679306	0.817167	-1.22374	0.673188	0.81402	-1.22847	0.462767	0.695897	-1.43699	1.00977	3.72909	3.31219	1
cg06938235	FAM129A;PA2G4	0.505027	0.804798	1.06124	1.06124	0.0827	0.816174	1.08117	0.84117	0.823316	1.38929	1.38929	1.08326	0.95329	0.983507	0.970743	1.03126	0.649168	1.15339	1.15339	0.0603779	0.536305	1.86434	1.86434	0.908883	0.964956	-1.03632	0.349463	1.34999	1.34999	1.00977	1.53875	1.36073	1
cg14137354	WNK2	0.505025	0.303631	0.720597	-1.38774	0.117768	1.68611	1.68611	0.849044	0.94308	-1.06035	0.80942	0.958491	-1.04331	0.255008	0.693851	-1.44123	0.438719	1.27495	1.27495	0.247595	1.45031	1.45031	0.787243	0.920169	-1.08676	0.955766	0.983085	-1.01721	1.00976	1.49917	1.33158	1
cg06762680	UCKL1;UCKL1	0.505028	0.541888	1.17955	1.17955	0.284639	0.724412	1.37986	0.276595	0.674647	1.47667	0.274672	0.556152	1.79806	0.0975104	0.416393	-2.40258	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	1.00976	0.664666	1.50384	0.83076	2.2453	1
cg00974579	CBFA2T3;CBFA2T3	0.505031	0.839313	1.15958	1.15958	0.083874	0.400191	0.192036	2.3775	2.3775	0.911255	1.0847	1.0847	0.901975	1.09402	1.09402	1.09402	0.710636	1.31227	1.31227	0.178801	0.352899	-2.83367	0.484157	1.67947	1.67947	0.769521	1.23894	1.23894	1.00975	0.424854	0.748639	1
cg13363237	C15orf61	0.505032	0.874211	0.926981	-1.07877	0.995467	1.00272	1.00272	0.234344	1.81597	1.81597	0.974315	0.984711	-1.01553	0.998733	0.99924	-1.00076	0.942071	0.965817	-1.03539	0.120489	0.23891	0.23891	0.194458	0.518433	-1.92889	0.271518	0.578207	-1.72948	1.00975	3.63024	3.22445	1
cg16320910	CST3	0.505033	0.541883	1.17852	1.17852	0.284629	0.724412	1.37986	0.276595	0.674647	1.47667	0.274672	0.556152	1.79806	0.0975104	0.416393	-2.40258	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	1.00975	0.664666	1.50384	0.83076	2.2453	1
cg00974579	CBFA2T3;CBFA2T3	0.505035	0.839313	1.15958	1.15958	0.083874	0.400191	0.192036	2.3775	2.3775	0.911255	1.0847	1.0847	0.901975	1.09402	1.09402	1.09402	0.710636	1.31227	1.31227	0.178801	0.352899	-2.83367	0.484157	1.67947	1.67947	0.769521	1.23894	1.23894	1.00975	0.424854	0.748639	1
cg13363237	C15orf61	0.505032	0.874211	0.926981	-1.07877	0.995467	1.00272	1.00272	0.234344	1.81597	1.81597	0.974315	0.984711	-1.01553	0.998733	0.99924	-1.00076	0.942071	0.965817	-1.03539	0.120489	0.23891	0.23891	0.194458	0.518433	-1.92889	0.271518	0.578207	-1.72948	1.00975	3.63024	3.22445	1
cg16320910	CST3	0.505033	0.541883	1.17852	1.17852	0.284629	0.724412	1.37986	0.276595	0.674647	1.47667	0.274672	0.556152	1.79806	0.0975104	0.416393	-2.40258	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	0.633305	1.57828	1.57828	0.13631	1.00975	0.664666	1.50384	0.83076	2.2453	1
cg04295705	IGSF21	0.505036	0.204203	0.61628	-1.62264	0.160166	7.7196	7.7196	0.964916	0.01602	0.01602	0.416358	0.740754	-1.34098	0.165457	0.580012	-1.70645	0.834345	0.927137	-1.07859	0.833726	1.0789	1.0789	0.545929	1.24705	1.24705	0.489009	0.775756	-1.28907	1.00974	2.06848	1.83729	1
cg13424673	AGBL4	0.505037	0.909082	1.01252	-1.01252	0.76455	0.916162	-1.09133	0.342765	0.851676	1.17416	0.212797	0.846247	-1.18208	0.644102	1.10005	1.10005	0.635457	1.68153	1.68153	-1.2324	0.515931	1.93958	1.93958	0.515931	1.93958	1.93958	0.515931	1.93958	1.93958	0.515931	1.93958	1.93958	0.515931	1.00974	0.662489	1.50384	0.83076	2.2453	1
cg12900649	RHBDF2;RHBDF2	0.505044	0.649468	0.771119	-1.29682	0.993113	1.00491	1.00491	0.315359	0.554487	-1.80347	0.949713	0.964808	-1.03648	0.245602	0.501667	-1.99335	0.615724	0.750166	-1.33304	0.150537	0.39956	2.39956	0.166114	0.432222	-2.31363	0.530059	1.43522	1.43522	1.00973	5.11385	4.54233	1
cg00082874	SLC12A5;SLC12A5	0.505049	0.409681	0.83898	-1.19192	0.240806	0.774376	-1.29136	0.194206	0.643128	-1.55452	0.272119	0.934225	-1.07035	0.40277	0.864978	-1.15622	0.277139	1.26397	1.26397	0.0256197	0.638832	1.0156	1.0156	0.97028	1.02788	-1.38162	0.723235	1.00272	0.508186	0.610991	0.561	1
cg05648189	RNF144A	0.505053	0.826402	1.08162	-1.0569	0.451919	0.824407	1.21299	0.749406	0.741451	1.34911	0.700419	0.807187	-1.10231	0.164799	0.741091	-1.34911	0.814851	1.22741	1.22741	0.260046	0.801501	1.24842	1.24842	0.802895	0.965919	-1.03528	1.00972	0.893671	1					
cg03204900	RPL27A	0.505053	0.196017	0.848132	-1.17906	0.29112	1.14108	1.14108	0.279743	1.14496	1.14496	0.440490	0.909585	-1.0994	0.972382	0.995838	-1.00418	0.535419	0.927178	-1.07854	0.387673	1.11256	1.11256	0.719982	1.04432	1.04432	0.261644	0.868472	-1.15145	1.00971	0.230021	0.204318	1
cg00545054	ATP6V1G1	0.505054	0.438401	0.709943	-1.40823	0.123901	0.340602	-2.93598	0.087507	0.435653	-1.38237	0.898797	1.13673	1.13673	0.569764	0.793049	-1.26146	0.538035	1.54694	1.54694	0.945893	0.645803	-1.2585	0.173601	0.992249	-1.5464	0.945893	0.957057	-1.04481	0.619592	1.38195	1.38195	1.00971	0.62252	0.88249	1
cg02297879	LRRC27;LRRC27;LRRC27;LRRC27	0.505055	0.264751	0.495531	-2.01804	0.199942	0.441346	-2.26579	0.755372	0.827958	-1.20779	0.0877384	0.320315	-3.12192	0.739424	0.81739	-1.22341	0.226197	1.464109	-2.15467	0.178302	0.421511	-2.37242	0.295559	0.913244	-1.92558	0.255168	0.487911	-2.04956	1.00971	5.78319	5.13696	1
cg24199461	ATP11A;ATP11A	0.505061	0.832839	1.08768	1.08768	0.538296	0.786108	-1.28187	0.881852	0.465701	-2.15556	0.624981	1.21691	1.21691	0.611858	0.815515	-1.22622	0.823815	1.04906	1.04906	0.811946	0.918626	-1.08858	0.914042	1.61567	1.61567	0.254844	1.6061	1.6061	1.00971	2.52372	2.23601	1
cg01003959	PTHLOC375190	0.505062	0.345982	1.16612	1.16612	0.0966	0.0997	-1.00942	0.0114782	0.830832	-1.20161	0.964812	0.991569	-1.00647	0.906832	1.01741	1.01741	0.403996	0.98889	-1.01889	0.710506	1.03788	1.03788	0.54242	1.36042	1.36042	0.211827	1.13943	1.13943	1.00971	0.15761	0.14	1
cg04270139	CDRT1	0.505075	0.827455	1.04555	1.04555	0.569711	0.88937	-1.12439	0.31368	1.23694	1.23694	0.213534	1.3042	1.3042	0.21946	1.10147	1.10147	0.188838	1.32855	1.32855	0.293694	1.24604	1.24604	0.423506	1.18153	1.18153	0.384765	0.833728	-1.19943	1.00968	0.659977	0.58625	1
cg13539275	NTSD1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORB	0.505076	0.0491804	0.647443	1.54473	0.0947	0.0947	0.0947	0.0947	0.0947	0.0947	0.0947	0.0947	0.0947	0.0947	0.0947	0.0947	0.549232	1.04458	1.04458	0.799312	0.456724	0.964743	0.964743	0.647486	0.77083	-1.2973	0.308474	-1.19891	0.645848	1.20105	1.20105	1.00968	0.664335	1
cg06197785	S1;SORBS1;SORBS1	0.505099	0.122537	2.22366	2.22366	0.424572	1.47618	1.47618	0.60449	0.779157	-1.28344	0.0723602	2.60551	2.60551	0.409836	1.49561	1.49561	0.682898	1.21672	1.21672	0.367987	1.55523	1.55523	0.576272	1.30948	1.30948	0.765995	1.8671	1.8671	-1.1532	1.00963	3.61454	3.21089	1
cg05149307	RASAL1	0.505103	0.146462	0.79968	-1.2505	0.390736	0.881505	-1.13442	0.258144	0.844322	-1.18438	0.58354	1.08264	1.08264	0.567996	0.920562	-1.08629	0.904037	1.01745	1.01745	0.892405	1.0196	1.0196	0.808788	0.965828	-1.03538	0.14016	1.25561	1.25561	1.00963	0.325955	0.289556	1
cg15048451	EIF2C4	0.505118	0.777709	0.818658	-1.22151	0.573505	0.670203	-1.49208	0.587598	1.47272	1.47272	0.436419	1.75295	1.75295	0.304312	0.471378	-2.12144	0.346815	0.50415	-1.98354	0.12344	0.307376	-3.25335	0.312408	2.09311	2.09311	0.504265	1.61459	1.61459	1.0006	7.92041	7.03614	1
cg06564097	ATP9B	0.505122	0.379588	1.44111	-1.44111	0.549827	0.716141	1.39617	0.0945	0.396111	2.52445	0.0945	0.256646	3.89615	0.0945	0.256646	-3.89615	0.379588	1.44111	-1.44111	0.549827	0.716141	1.39617	0.0945	0.396111	2.52445	0.0945	0.256646	3.89615	0.379588	1.44111	-1.44111	0.549827	1.00963	0.662489	1.50384	0.83076	2.2453	1
cg04808985	PDE2A;PDE2A;PDE2A;PDE2A	0.50513	0.797960	0.87598	-1.14158	0.161084	0.216556	2.16556	0.750924	1.17867	1.17867	0.358733	0.614369	-1.62769	0.151725	0.452575	-2.20958	0.75638	1.17427	1.17427	0.522784	0.715808	-1.39702	0.672608	1.24534	1.24534	0.242788	0.532066	-1.87946	1.00958	4.22274	3.75138	1
cg16768447	MAPK6	0.505147	0.760727	0.819421	-1.22047	0.167663	1.75733	1.75733	0.313794	1.38264	1.38264	0.723264	1.38564	1.38564	0.284612	1.35594	1.35594	0.446786	1.23835	1.23835	0.807744	1.40125	1.40125	0.713759	1.42851	1.42851	0.960528	1.29067	1.29067	1.00955	0.91886	0.66707	1
cg19893071	NFKBIL2	0.505168	0.850593	1.03896	1.03896	0.434848	0.850869	-1.17527	0.94633	0.986448	-1.01374	0.446452	1.17034	1.17034	0.266449	1.26451	1.26451	0.58842	1.895176	-1.1171	0.0648807	1.52227	1.52227	0.312635	1.23577	1.23577	0.52109	1.14091	1.14091	1.00951	0.650974	0.578348	1
cg08233148	METRNL	0.505171	0.731449	1.33384	1.33384	0.611198	1.49843	1.49843	0.732168	0.750222	-1.33276	0.0241294	0.105555	-9.47376	0.719333	0.739538	-1.3522	0.882854	1.13121	1.13121	0.877884	0.879448	-1.13708	0.851613	1.1695	1.1695	0.958539	1.04443	1.04443	1.00951	1.01787	0.94273	1
cg05777690	CLDN12;RPLP1	0.505173	0.164615	0.748163	-1.33615	0.0966	0.0966	0.0966	0.0966	0.0966	0.0966	0.0966	0.0966	0.0966	0.0966	0.0966	0.0966	0.556622	1.79655	2.151184	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg00257677	ENGASE	0.505484	0.338462	1.53399	0.153399	0.765374	0.678635	-1.11813	0.131912	2.03383	0.210883	0.956806	0.976644	-1.02091	0.111156	0.472721	-2.11541	0.552346	0.771132	-1.2961	0.755375	1.1448	1.1448	0.4012272	1.3519	1.3519	0.938274	1.03405	0.109995	2.95088	2.63114	1
cg16362201	HOPX;HOPX;HOPX;HOPX;HOPX	0.505487	0.2565	0.502643	-1.98949	0.212999	2.14197	2.14197	0.735073	0.820979	-1.21806	0.925327	0.947009	-1.05596	0.811098	0.870571	-1.1492	0.46968	1.53296	0.991735	1.00603	1.00603	0.23168	2.07213	2.07213	0.165338	0.423397	-2.36185	0.099945	5.34206	4.74876	1
cg17977474	RFX1	0.505487	0.435026	1.30544	1.30544	0.658897	2.04199	2.04199	0.07940O9	1.91867	1.91867	0.403722	1.33101	1.33101	0.89842	1.04367	1.04367	0.580703	1.20527	1.20527	0.467441	1.28074	1.28074	0.459903	1.28634	1.28634	0.405396	1.3296	1.3296	0.999945	1.773S8	1.57661	1
cg05127440	C1orf95	0.505488	0.893322	0.958095	-1.04319	0.344864	0.735917	-1.35881	0.096796	0.562975	-1.77628	0.980345	0.992266	-1.00779	0.978267	0.991451	-1.00862	0.525456	0.816451	-1.22481	0.209591	0.659163	-1.51707	0.0767887	0.537787	-1.85947	0.931563	0.973292	-1.02744	0.999942	1.573132	1.39841	1
cg03647944	CEMP1	0.505515	0.11501	0.809121	-1.23591	0.943324	1.00883	1.00883	0.488724	1.09059	1.09059	0.92862	0.988988	-1.01114	0.319463	1.13559	1.13559	0.740504	0.959755	-1.04193	0.844339	1.02459	1.02459	0.489408	0.91691	-1.09062	0.141717	2.21565	0.215565	0.999898	0.241898	0.215042	1
cg09915703	STX5	0.505516	0.443122	0.914197	-1.09386	0.279687	1.13761	1.13761	0.484577	1.0849	1.0849	0.460849	0.919107	-1.08803	0.0675215	1.2649	1.2649	0.45742	1.0907	1.0907	0.986682	1.00192	1.00192	0.868204	0.981127	-1.01924	0.413617	1.10063	1.10063	0.999894	0.208432	0.185293	1
cg00716812	DAZAP1;DAZAP1	0.505526	0.924896	0.956569	-1.0454	0.870205	1.08017	1.08017	0.557259	1.32251	1.32251	0.227541	0.550713	-1.81583	0.107997	0.437862	-2.28383	0.523512	0.737519	-1.3559	0.534428	0.743567	-1.34487	0.450891	1.43585	1.43585	0.165835	0.498606	-2.00559	0.999875	3.51186	3.12204	1
cg04070533	AFAP1L2;AFAP1L2	0.505534	0.869071	0.951563	-1.0509	0.729735	1.39088	1.39088	0.37682	1.5353	1.5353	0.923462	0.92934	1.02594	0.717464	1.11057	1.11057	0.857058	1.05576	1.05576	0.0914285	0.573551	-1.74962	0.813806	0.931458	-1.07359	0.36999	1.31974	1.31974	0.999861	1.43425	1.27927	1
cg17035708	GTF2H4;GTF2H4	0.505548	0.375589	1.19124	1.19124	0.952584	1.01151	1.01151	0.740012	0.66318	-1.50787	0.861337	-1.04022	0.799996	0.99252	1.05202	1.05202	0.250331	0.795577	-1.25695	0.163791	0.751298	-1.33103	0.597387	0.902514	-1.10802	0.129361	1.37073	1.37073	0.999585	0.58643	0.523149	1
cg18645276	TTC33	0.505541	0.696878	1.07755	1.07755	0.2481	1.25906	1.25906	0.508836	1.1364	1.1364	0.698597	1.07706	1.07706	0.194181	1.29961	1.29961	0.163689	1.32787	1.32787	0.166964	0.756634	-1.32164	0.84452	1.03817	1.03817	0.843577	0.963009	-1.03841	0.999848	0.576417	0.512448	1
cg08934600	APC	0.505542	0.891356	0.973343	-1.02705	0.763891	1.07476	1.07476	-1.01725	0.152819	1.35352	1.35352	0.827487	1.01564	1.01564	1.10487	1.10487	0.537306	0.883772	-1.1311	0.0184784	0.597653	-1.43769	0.932201	0.983318	-1.01694	0.250532	1.24217	1.24217	0.999848	0.618918	0.550251	1
chr3.5235120R8	CEP120;CEP120	0.505542	0.089164	0.202591	-4.93606	0.93492	0.208106	-1.07203	0.593234	0.631779	-1.58283	0.876418	0.189461	-5.27814	0.240105	0.350778	-2.85081	0.389785	0.472081	-2.11828	0.252593	0.363658	-2.74984	0.56434	0.608773	-1.64265	0.521338	0.574865	-1.73954	0.999847	1.14872	10.2125	1
cg06606615	BAHCC1	0.505543	0.82407	1.15994	1.15994	0.123076	0.327241	1.05258	0.916609	0.376592	-2.65743	0.836412	1.34827	1.34827	0.353333	1.89377	1.89377	0.283087	0.474357	-2.10813	0.825449	1.59316	1.59316	0.899381	1.08826	1.08826	0.468614	1.63732	1.63732	0.998807	7.07991	6.29447	1
cg11758932	ZCSH2C	0.505574	0.610727	0.693384	-1.4422	0.29513	2.16935	2.16935	0.936836	1.16914	1.16914	0.219497	0.398126	-2.51177	0.0811561	0.321797	-3.97145	0.755675	0.800404	-1.24937	0.323813	0.483436	-2.06853	0.466457	0.58943	-1.69655	0.827398	1.16854	1.16854	0.999791	0.80596	0.716235	1
cg14218233	GAINT2	0.505574	0.131407	0.402282	-2.47352	0.690868	0.800692	-1.24892	0.293827	0.545799	-1.83218	0.45049	0.652094	-1.53352	0.0629934	0.312435	-3.20066	0.397353	0.617601	-1.61917	0.30053	0.550703	-1.81586	0.791164	1.15902	1.15902	0.430476	0.641753	-1.55823	0.999879	4.89642	4.35328	1
cg11159175	EPHD1	0.505581	0.963543	0.982212	1.00926	0.732297	0.930803	-1.07434	0.644498	1.08589	1.08589	0.504088	0.872188	-1.14654	0.682798	1.08641	1.08641	0.333825	1.22771	1.22771	0.0716155	1.50046	1.50046	0.216989	1.29736	1.29736	0.238721	1.28262	1.28262	0.999777	0.644266	0.572809	1
cg03073218	COLEC10	0.505586	0.364361	0.544419	-1.83682	0.359913	0.541175	-1.84783	0.13694	0.351663	-2.84363	0.597026	0.706073	-1.41628	0.250655	0.457029	-2.18805	0.399162	0.569471	-1.75601	0.0932821	0.299908	-3.33435	0.503096	1.55783	1.55783	0.554525	0.677087	-1.47692	0.999769	6.73767	5.99042	1
cg17235505	SETD5;SETD5;LOC440944	0.505597	0.759187	1.0502	1.0502	0.301268	0.843216	-1.18605	0.998885	1.00013	1.00013	0.441562	1.13265	1.13265	0.614791	1.0842	1.0842	0.905025	1.0192	1.0192	0.0574959	0.710174	-1.40811	0.679658	1.06839	1.06839	0.349245	0.857691	-1.16592	0.999749	0.401853	0.357293	1
cg22738626	KIAA1324L;KIAA1324L;KIAA1324L	0.505603	0.704459	1.09096	1.30696	0.408731	1.81045	1.81045	0.410454	0.553388	-1.88705	0.239206	2.37708	2.37708	0.563707	0.638348	1.15895	0.536817	0.667271	-1.49864	0.911886	1.08163	1.08163	0.0852542	1.80614	1.80614	0.374057	1.89834	1.89834	0.999691	7.81852	6.9475	1
cg03379200	PIC1;PIC1;PIC1	0.505635	0.886227	1.03424	1.03424	0.3175	1.27505	1.27505	0.620503	1.12454	1.12454	0.592685	0.88075	-1.1354	0.980355	0.994226	-1.00581	0.176307	0.713152	-1.40223	0.36516	0.803474	-1.2446	0.177323	0.713788	-1.40098	0.191634	0.722473	-1.38413	0.999682	0.875544	0.778509	1
cg20614671	SNX8	0.505651	0.958117	1.02413	1.02413	0.278405	1.08866	1.08866	0.205944	1.17403	1.17403	0.48629	1.1307	1.1307	0.0731703	0.882602	-1.13298	0.431077	0.732644	-1.3652	0.423036	0.587569	-1.70165	0.565457	0.55021	-1.81749	0.362028	1.45994	1.45994	0.999672	2.58248	2.29629	1
cg24788636	PPT1;PPT1	0.505651	0.725316	1.05713	1.05713	0.34239	0.857224	-1.16656	0.961929	1.00755	1.00755	0.284605	0.839418	-1.1913	0.453872	1.12767	1.12767	0.367878	1.15681	1.15681	0.191292	0.804215	-1.24345	0.233293	0.821346	-1.21751	0.30379	0.84558	-1.18262	0.999553	0.392662	0.349154	1
cg05045341	C1orf62	0.505654	0.470655	1.34464	1.34464	0.139886	0.334932	1.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.366396	0.702808	-1.42311	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg03542322	PLK1S1;PLK1S1;PLK1S1	0.505677	0.977395	0.990918	-1.00917	0.0327261	0.447289	-2.23569	0.400976	0.758188	-1.31893	0.407945	0.761429	-1.31332	0.989927	0.995943	1.00407	0.40619	0.760614	-1.31473	0.559186	1.20947	1.20947	0.579736	0.835171	-1.19736	0.909204	0.963931	-1.03742	0.999608	1.64157	1.45974	1
cg11703189	MTERF2;MTERFD2;MTERFD2;MTERF	0.505677	D2	0.504568	0.204334	0.797969	-1.25318	0.661272	1.07712	1.07712	0.26193	1.21786	1.21786	0.9272	1.01552	1.31615	0.83978	-1.19079	0.348505	1.17659	1.17659	0.250017	0.816652	-1.22451	0.337146	0.846428	-1.18143	0.963375	1.00769	1.009603	0.449426	0.399649	1
cg02374745	FBXO39;FBXO39 HTR4;HTR4;HTR4;HTR4;HTR4;HTR4;HT	0.505688	0.170643	5.11422	5.11422	0.307492	3.25956	3.25956	0.642436	0.592743	-1.68707	0.791845	0.743896	-1.34427	0.92546	1.1103	1.1103	0.574155	0.529888	-1.88719	0.702917	0.651415	-1.53512	0.853738	0.813493	-1.22927	0.0736574	0.30425	9.30425	0.999588	19.8067	17.6133	1
cg00156633	R4	0.505692	0.08798113	0.562687	-1.76589	0.834454	1.06524	0.81085	0.930149	-1.0751	0.966932	0.987558	-1.01426	0.741978	1.105	1.105	0.63113	1.15731	1.15731	0.208345	0.660927	-1.4927	0.200126	1.50492	1.50492	0.800157	0.17962	1.07962	0.999558	1.44392	1.28403	1
cg24857294	RALB	0.505704	0.403364	1.15627	1.15627	0.298005	0.832921	-1.20059	0.249061	1.22699	1.22699	0.115903	0.748145	-1.33664	0.882325	0.975163	-1.02547	0.640559	0.923257	-1.08312	0.859758	1.03048	1.03048	0.335651	1.18362	1.18362	0.771704	1.05064	1.05064	0.999559	0.456428	0.405892	1
cg05080746	LAMA5	0.505713	0.516354	1.07482	1.07482	0.190931	0.594464	-1.68434	0.503086	0.864938	-1.15635	0.774811	0.999448	-1.00055	0.0674811	0.747252	-1.33846	0.705558	0.962519	-1.03896	0.777259	0.915734	-1.09243	0.893597	1.13544	1.13544	0.883517	0.963488	-1.03746	0.258137	0.743967	0.634451	1
cg04428701	PLAC9	0.505723	0.319373	0.818179	-1.22148	0.823546	1.04438	1.04438	0.142966	0.72405	-1.38112	0.91131	1.0219	1.0219	0.658595	1.0903	1.0903	0.952205	1.01172	1.01172	0.0626766	0.665482	-1.50267	0.635906	0.911449	-1.09715	0.993865	0.998454	-1.00155	0.999526	0.598366	0.532133	1
cg08381596	RHOT2	0.505724	0.793244	1.09722	1.09722	0.444574	1.31114	1.31114	0.521075	1.3386	1.3386	0.814207	0.925437	-1.08052	0.0722326	0.518821	-1.9349	0.559111	0.894096	-1.11853	0.648623	0.686823	-1.45598	0.662459	1.12808	1.12808	0.717488	1.12608	1.12608	0.999582	1.55205	1.38425	1
cg15703314	EXOC2	0.505734	0.231787	0.700574	-1.4274	0.0870195	1.70954	1.70954	0.566034	1.17893	1.17893	0.562398	1.18079	1.18079	0.682774	1.12366	1.12366	0.276706	0.725407	-1.37854	0.873458	1.04626	1.04626	0.580024	0.853344	-1.17186	0.90949	0.968247	-1.03279	0.999506	1.27448	1.13343	1
cg12604181	CTSH;CTSH;CTSH;CTSH	0.505754	0.934461	1.06429	1.06429	0.611736	0.678539	-1.47376	0.650845	0.41225	0.41225	0.995554	0.995787	-1.00423	0.963945	1.03484	1.03484	0.855292	1.14833	1.14833	0.0495658	0.818157	-1.45891	0.295528	0.439622	-2.27468	0.180581	0.340565	-2.9363	0.99947	0.93569	0.80804	1
cg17737333	ADIL2	0.505755	0.340851	0.447036	-2.23696	0.648321	0.953301	-1.0492	0.192964	1.0863	1.0863	0.0931102	0.216964	1.08864	0.764311	0.947213	1.05533	0.533331	0.595957	-1.67797	0.0606886	0.417834	0.702747	1.42277	0.937945	-1.06536	0.788135	1.24727	1.24727	0.999447	0.35202	0.947365	1
cg09503853	TSPYL5	0.505761	0.131017	1.86999	1.86999	0.626637	1.20707	1.20707	0.147598	1.81564	1.81564	0.939107	1.02976	1.02976	0.640529	1.19786	1.19786	0.506261	1.29549	1.29549	0.0602773	2.25562	2.25562	0.514934	1.2885	1.2885	0.957104	1.02086	1.02086	0.999458	2.33269	2.07462	1
cg14886300	SCN1;SCN	0.505763	0.756399	1.06205	1.06205	0.329236	0.913315	1.05335	0.197264	0.880032	-1.22245	0.851015	0.940423	1.24729	0.185231	1.30242	-1.22995	0.945244	1.10218	1.10218	0.582475	0.974973	1.02565	0.941774	0.709072	-1.25004	0.663444	0.935592	-1.06884	0.999455	0.3435	0.3035	1
cg01575818	ATF2	0.505767	0.157823	0.727283	-1.37498	0.305999	2.25043	2.25043	0.414603	1.19226	1.19226	0.389116	0.830186	-1.20455	0.608209	0.896706	-1.11519	0.192033	1.33803	1.33803	0.700616	1.05789	1.05789	0.494548	0.863928	-1.1575	0.995709	1.00113	1.001113	0.999447	0.703802	0.625948	1
cg04320476	SLC43A2	0.505771	0.945953	0.981567	-1.01878	0.933323	0.977298	-1.02323	0.625207	1.14466	1.14466	0.331558	0.759628	-1.31643	0.160167	0.662453	-1.50954	0.279402	1.36154	1.36154	0.592631	0.862249	-1.15976	0.297352	1.34514	1.34514	0.23629	0.711367	-1.40574	0.999441	1.19214	1.06027	1
cg15665342	ACN;SCIN	0.505783	0.904084	1.00221	1.00221	0.0158468	0.944125	1.00774	0.722668	0.914453	0.914453	0.722668	1.14643	1.14643	0.185231	0.810092	-1.23411	0.277149	0.714257	-1.40006	0.191254	0.82709	-1.20931	0.0984304	1.1098	1.1098	0.203479	1.48407	1.48407	0.999552	1.06884	0.894455	0.8435	0.8355	1
cg02119127	CEBPG	0.505778	0.640176	1.31049	1.31049	0.267025	1.94285	1.94285	0.481091	1.50881	1.50881	0.919276	0.943439	-1.05955	0.933151	0.884832	-1.13016	0.970226	0.978791	-1.02167	0.0461872	0.260281	-3.71559	0.823041	0.789505	-1.26662	0.694226	0.797104	-1.25454	0.999429	5.23157	4.64405	1
cg06779147	FMN1	0.505784	0.306664	1.14353	1.14353	0.193894	2.1223	2.1223	0.380978	1.16151	1.16151	0.529557	0.761353	-1.31354	0.0977102	0.628114	-1.59203	0.613859	1.1944	1.1944	0.0432718	2.12098	2.12098	0.0477202	1.68656	1.68656	0.0761329	1.86604	1.86604	0.999448	0.32642	0.289744	1
cg23019037	WDR26;WDR26	0.505783	0.97346	0.995304	-1.00472	0.378798	0.880058	-1.13629	0.693472	0.945488	-1.05765	0.836256	0.97114	-1.02972	0.176891	1.22521	1.22521	0.06945725	0.329889	3.03289	0.552817	1.08868	1.08868	0.601809	0.928212	-1.07334	0.867489	1.02391	1.02391	0.999442	0.936916	0.281876	1
cg14933485	PGR;PGR	0.505796	0.439046	1.4192	1.4192	0.508194	0.92486	-1.34683	0.674387	1.38368	1.38368	0.347993	1.53513	1.53513	0.601615	1.26323	1.26323	0.487684	1.3672	1.3672	0.706791	1.1825	1.1825	0.0401092	2.74272	2.74272	0.216079	1.78152	1.78152	0.999396	3.51444	2.77807	1
cg16087267	MTMR12	0.505799	?	?	?	0.265399	0.679074	-1.47259	0.429219	0.764066	-1.30879	0.293456	0.695308	-1.43821	0.201087	0.637472	-1.5687	?	?	?	0.954293	0.981068	-1.0193	0.137456	0.580588	-1.70477	0.664099	1.15636	1.15636	0.976757	1.33791	1.56542	1
cg23159976	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.505801	0.612496	0.53301	-1.87967	0.689153	1.64345	1.64345	0.503634	2.31302	2.31302	0.498008	2.3396	2.3396	0.512277	2.27313	2.27313	0.52892	0.454678	-2.19936	0.749444	11.5936	0.23749	0.542876	-1.84204	0.262512	0.236114	-4.23525	0.999388	24.1628	21.4912	1
cg12297935	ACTN2	0.505802	0.633866	0.859427	-1.16357	0.6087873	1.90224	1.90224	0.548453	1.21131	1.21131	0.64126	0.862303	-1.15969	0.432241	0.776432	-1.28794	0.63989	1.1604	1.1604	0.39258	1.31853	1.31853	0.681299	0.877767	-1.13925	0.36171	0.743785	-1.34448	0.999386	1.57767	1.40323	1
cg01568364	FAM53B;FAM53B	0.505807	0.328315	0.68702	-1.45556	0.517311	1.27666	1.27666	0.674092	0.854391	-1.17042	0.351698	1.42845	1.42845	?	?	?	0.914648	0.40469	1.04069	0.756787	1.12253	1.12253	0.146409	1.78606	1.78606	0.14719	1.78378	1.78378	0.989437	1.92818	1.94876	1
cg00014960	PAM61;PAM61	0.505837	0.445374	1.39102	1.39102	0.290593	2.1252	2.1252	0.356569	1.26171	1.26171	0.604419	0.65997	-1.51497	0.0731155	0.419944	-2.38144	0.177906	0.227567	-4.39431	0.384158	0.397766	-2.51404	0.408943	0.488343	-2.06684	0.687772	1.5316	1.5316	0.999858	2.32865	2.01652	1
cg10707964	CRYAA	0.505822	0.395749	0.578726	-1.72793	0.519016	0.662917	-1.50848	0.698611	0.782957	-1.27721	0.976212	1.01893	1.01893	0.0493844	0.244052	-4.09749	0.193434	0.420886	-2.37594	0.676815	0.76828	-1.30161	0.940928	1.04771	1.04771	0.170676	0.999529	-2.50295	0.999351	6.25916	5.56731	1
cg08426826	MUM1;MUM1	0.505824	0.326316	1.26299	1.26299	0.427686	0.814387	1.22792	0.923537	0.955502	-1.02464	0.240963	1.36571	1.36571	0.505482	0.842558	-1.18686	0.98167	0.994192	-1.00584	0.132939	0.656638	-1.52291	0.243788	0.73403	-1.36234	0.890046	0.965536	-1.03569	0.979342	1.02747	0.909214	1
cg07352156	UNK	0.505826	0.470486	0.805111	-1.16256	0.913778	0.815584	-1.23201	0.832737	0.923398	-1.08125	0.621276	0.904448	-1.10933	0.947608	1.04703	1.04703	0.134548	0.726305	-1.37685	0.12205	0.375116	1.20883	0.523101	1.14435	1.14435	0.163665	0.733678	1.363	0.999329	0.680981	0.61106	1
cg21002317	RASGRP1;RASGRP1	0.505835	0.918045	0.958327	-1.04348	0.174943	1.81602	1.81602	0.0849269	2.1987	2.1987	0.482674	1.34322	1.34322	0.369469	1.46401	1.46401	0.496283	1.33067	1.33067	0.120146	2.0082	2.0082	0.643999	1.21221	1.21221	0.787362	0.894212	-1.1183	0.999327	2.70696	2.40781	1
cg08360797	MGC23284;SNN3	0.505846	0.709734	1.08255	1.08255	0.270935	1.19088	1.19088	0.144434	0.830306	-1.20494	0.21004	1.21004	1.40796	0.107504	1.01584	1.01584	0.669141	1.15775	1.15775	0.992593	0.997979	-1.00203	0.972118	1.1034	1.1034	0.999308	0.751905	0.668823	0.668823	0.668823	0.668823	1
cg04336561	PTPRN2;PTPRN2;PTPRN2	0.505849	0.647518	1.28875	1.28875	0.196057	2.12415	2.12415	0.240375	1.96868	1.96868	0.399769	1.60801	1.60801	0.373872	0.604712	-1.65368	0.160861	2.24688	2.24688	0.478328	0.672192	-1.48767	0.329825	1.74046	1.74046	0.992102	0.994561	-1.00547	0.999302	4.80592	4.27491	1
cg12080391	KCNA1	0.505861	0.534231	1.14222	1.14222	0.2175	1.27575	1.27575	0.741241	1.40163	1.40163	0.381589	1.31589	1.31589	0.532031	1.23104	1.23104	0.0266198	2.31062	2.31062	0.63171	0.857331	-1.16641	0.328941	1.22584	1.22584	0.649363	1.13479	1.13479	0.999281	0.607494	0.540193	1
cg22470218	YIPF3;POLR1C;POLR1C	0.505862	0.601723	1.47644	1.47644	0.140525	0.300866	-3.32374	0.839654	0.861136	-1.16126	0.265279	0.385	2.385	0.391628	1.92142	1.92142	?	?	?	0.254757	2.43734	2.43734	0.554691	1.55669	1.55669	0.658083	1.38996	1.38996	1.01783	7.42431	5.47071	1
cg06944922	RPGR;RPGR	0.505864	0.200137	0.26201	-3.81665	0.112104	0.180485	-5.54061	0.87108	1.17437	1.17437	0.479779	2.03589	2.03589	0.305709	0.350087	-2.85643	0.204006	0.265358	-3.76849	0.643508	1.586	1.586	0.080051	1.16119	1.16119	0.737507	0.716849	-1.39499	0.999276	15.5003	13.788	1
cg00371926	NANS	0.505877	0.105217	0.70077	-1.42753	0.290593	2.12052	2.12052	0.356569	1.23226	1.23226	0.175088	0.872793	-1.14592	0.0332476	0.47623	-2.09991	0.658013	0.845952	-1.18225	0.0765676	0.187003	0.823792	-1.21435	0.0765676	0.187003	0.823792	0.0765676	0.187003	0.823792	0.0765676	0.187003	0.823792	1
cg18285951	INPP5E	0.505874	0.193347	0.636166	-1.57192	0.222473	1.52392	1.52392	0.18017	1.5963	1.5963	0.8035	0.921343	-1.08537	0.749013	0.899893	-1.11124	0.986078	1.00575	1.00575	0.8652	0.945699	-1.05742	0.357168	0.732584	-1.36503	0.320794	0.731851	1.40085	0.999259	1.70886	1.52011	1
cg20384945	FLI1;FLI1	0.505876	0.556197	1.15428	1.15428	0.323579	1.31111	1.31111	0.278559	0.915116	1.35352	1.35352	0.824182	1.24182	0.541382	1.15992	1.15992	0.270565	0.759421	1.31653	0.0135201	1.33302	1.33302	0.0930496	1.33302	1.33302	0.0930496	1.33302	1.33302	0.0930496	1.33302	1.33302	0.0930496	1
cg16607710	NCOR2;NCOR2	0.505880	0.836286	1.1488	1.1488	0.32232	1.98458	1.98458	0.0785816	3.70571	3.70571	0.433815	1.70817	1.70817	0.764161	1.2235	1.2235	0.633674	1.3797	1.3797	0.110912	3.2039	3.2039	0.227335	2.13276	2.13276	0.612281	1.70989	1.70989	0.140866	0.999247	7.11289	6.32733	1
cg16568851	TMEM46	0.505880	0.991877	1.00624	1.00624	0.686704	1.28097	1.28097	0.560165	1.4332	1.4332	0.820765	0.870591	-1.14864	0.836774	1.13426	1.13426	0.624342	1.35176	1.35176	0.0297617	4.7684	4.7684	0.501723	0.659427	-1.51647	0.647456	0.754892	-1.32469	0.99223	5.90208	5.25034	1
cg26380958	TRIP11	0.505895	0.993564	1.00207	1.00207	0.705359	0.924209	-1.08161	0.772123	1.23458	1.23458	0.348909	1.02174	1.02174	0.909525	1.0389	1.0389	1.16882	0.695257	1.43849	0.0139751	0.716668	1.39577	1.39577	0.0196868	0.744677	1.34272	0.508265	0.999214	0.40024	0.356046	0.356046	1
cg12783819	SEPT9;SEPT9;SEPT9

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg23537105	RBMS3;RBMS3;RBMS3		0.5062889	0.8859	1.19913	1.07818384	0.413303	-2.41953	0.165965	0.5132216	1.9485	0.629556	0.8029952	-1.2854	0.078273	0.41126	2.41355	0.5004151	0.734299	-1.36184	0.515245	0.742355	-1.34706	0.586859	0.780559	-1.11944	0.998522	3.22431	2.87029	1
cg24747107	PCSK4		0.5062961	0.506296	0.759791	1.2165	0.709249	0.787137	-1.27043	0.120237	0.34059	-2.93608	0.0489962	0.237794	-4.20531	0.662714	1.32374	1.32374	0.8866084	0.912853	-1.09547	0.643099	0.742157	-1.34742	0.634924	0.736635	-1.35752	0.572489	0.694576	-1.43973	0.98151	0.574913	1
cg02628561	MYO15A		0.5063164	0.5059643	25.4505	25.4505	0.228784	5.34208	5.34208	0.738274	0.640898	-1.56031	4.4	2.84274	2.84274	0.351158	3.57159	3.57159	0.5911777	2.05309	2.05309	0.89908	1.18332	1.18332	0.9466996	1.09275	1.09275	0.5139558	2.40631	2.40631	0.9984774	27.832	24.7773	1
cg24158307	DICER1;DICER1		0.5063229	0.2460382	0.461474	-2.16697	0.0628779	0.26344	-3.79593	0.19781	0.439926	-2.38137	0.661392	1.32437	1.32437	0.373935	0.558895	-1.78925	0.4708134	0.626501	-1.5961	0.982739	1.01389	1.01389	0.876058	1.10461	1.10461	0.890519	1.091176	1.09176	0.998452	6.425122	5.72016	1
cg12177454	ARMC9;ARMC9;ARMC9		0.50633	0.1629026	0.257509	-3.91069	0.64053	0.650117	-1.53819	0.560085	0.583032	-1.71517	0.16186	3.92609	3.92609	0.540517	1.76352	1.76352	0.156227	0.249375	-4.01003	0.831271	0.824474	-1.21289	0.801857	1.25894	1.25894	0.950435	0.944672	-1.05857	0.998451	13.2569	11.8022	1
cg14377703	ALDH3A1;ALDH3A1;ALDH3A1		0.5063434	0.9816161	1.01058	1.01058	0.3144495	0.6216585	-1.60853	0.2012311	1.85297	1.85297	0.400774	1.48145	1.48145	0.359076	0.4499003	-1.55869	0.2228888	1.79551	1.79551	0.491838	1.3758	1.3758	0.655839	0.8146455	-1.2275	0.2923411	1.64746	1.64746	0.998443	3.30212	2.9398	1
cg23888047	CLEC4A;CLEC4A;CLEC4A;CLEC4A		0.5063444	0.776387	1.13729	1.13729	0.836383	1.09793	1.09793	0.558632	0.765507	-1.30632	0.0810863	0.417372	-2.39594	0.937125	1.03629	1.03629	0.4690402	1.39449	1.39449	0.195286	1.85678	1.85678	0.709944	0.8446889	-1.18387	0.357589	0.652181	-1.53332	0.9984826	3.22753	2.87344	1
cg18398637	KNDC1		0.5063558	0.185125	1.57679	1.57679	0.0621422	2.28651	2.28651	0.83068	0.10469	1.16949	2.616901	1.666809	1.666809	0.597642	0.810778	-1.31338	0.537558	1.17787	1.17787	0.890998	0.947395	-1.05564	0.6401358	1.10372	1.10372	0.977175	1.42886	1.42886	0.998401	2.452445	2.18345	1
cg23013564	RASA3		0.5063636	0.443088	1.58702	1.58702	0.2313	2.09918	2.09918	0.242648	0.485702	-2.05887	0.373555	1.71512	1.71512	0.779265	0.84709	-1.18051	0.945432	0.960379	-1.04126	0.368614	1.72527	1.72527	0.146817	0.50843	1.50843	0.132313	1.82714	1.82714	0.998397	5.51557	4.9106	1
cg25678707	EXTL1		0.5063693	0.893905	1.03906	1.03906	0.815346	0.935033	-1.06948	0.81616	1.06916	1.06916	0.241787	1.42163	1.42163	0.220661	1.44734	1.44734	0.69055	1.12177	1.12177	0.0680379	1.79822	1.79822	0.821694	1.06096	1.06096	0.340183	0.75408	-1.32612	0.9983811	1.30372	1.16074	1
cg25126211	MIR138-1		0.5063973	0.7460554	1.07394	1.07394	0.234146	1.55351	1.55351	0.63568	0.415968	-2.42346	0.412146	1.58758	1.58758	0.244206	1.62756	1.62756	0.8709248	1.08139	1.08139	0.815588	1.05264	1.05264	0.561425	1.26482	1.26482	0.276432	1.60416	1.60416	0.9983744	14.53183	12.9378	1
cg18576635	IFNGR1		0.5063974	0.548788	0.714423	-1.39973	0.37176	1.66438	1.66438	0.875412	1.0907	1.0907	0.718006	1.22236	1.22236	0.383738	0.6053311	-1.65204	0.1102661	0.376818	-2.6538	0.222716	2.02726	2.02726	0.955891	1.03108	1.03108	0.452733	1.52873	1.52873	1.01049	4.796314	3.69161	1
cg05702851	CCDC109B; JMJD7-PLA2G4B;JMJD7-		0.5063987	0.320315	0.40751	-2.45393	0.750927	1.32099	1.32099	0.787303	1.2667	1.2667	0.90563	1.10924	1.10924	0.0975816	2.204116	-1.48918	0.32004	2.45526	2.45526	0.378646	2.20252	2.20252	0.432436	0.496412	-2.01445	0.470125	1.90092	1.90092	0.998348	12.79631	10.7583	1
cg07178968	PLA2G4B;PLA2G4B		0.5063996	0.134838	0.271013	-3.68986	0.219766	0.35167	-2.84357	0.826232	0.836885	-1.19491	0.374633	1.08461	1.08461	0.0960164	9.25652	-1.08025	0.188958	0.32396	-3.0868	0.160048	0.296508	-3.37259	0.282093	0.404428	-2.47263	0.370595	0.474912	-2.10565	0.998333	10.371	9.23401	1
cg26957173	ANXA7;ANXA7		0.5064042	0.881946	1.09858	1.09858	0.462291	1.21533	1.21533	0.917104	0.97537	-1.02757	0.694885	1.10846	1.10846	0.887424	0.619475	-1.61409	0.6507457	0.881407	1.13479	1.13479	0.887424	0.836766	-1.19508	0.54708	1.17255	1.17255	0.751829	0.920468	-1.0864	0.998322	1.078894	0.960666	1
cg23548274	MTIF3;MTIF3;MTIF3;MTIF3		0.5064043	0.394318	1.99963	1.99963	2.026728	2.82093	2.82093	0.427183	1.89951	1.89951	0.386706	2.0246	2.0246	0.54923	1.60761	1.60761	0.192278	0.320306	-3.12201	7	7	7	0.748764	1.28323	1.28323	0.319717	2.28178	2.28178	1.07742	7.8957	3.66418	1
cg27228704	CNNM2;CNNM2;CNNM2		0.5064158	0.2608085	1.543729	1.543729	0.4212761	0.676181	-1.47988	0.310402	0.606256	-1.64947	0.304924	1.65956	1.65956	0.613204	1.25868	1.25868	0.271653	1.72567	1.72567	0.0992082	2.36731	2.36731	0.529017	1.35538	1.35538	0.614919	1.27361	1.27361	0.998263	3.594032	3.20051	1
cg07946961	C19orf34;CSNK1G2		0.5064438	0.260081	1.543729	1.543729	0.242284	1.93889	1.93889	0.615382	1.21945	1.21945	0.862535	1.09405	1.09405	0.196404	0.492387	-2.03092	0.8084443	0.881634	-1.13426	0.605996	0.763481	-1.30979	0.885731	1.07743	1.07743	0.816427	0.886379	-1.12819	0.998259	4.25325	3.78726	1
cg00606989	KLHL28;FAM179B		0.5064447	0.7536535	1.1665	1.1665	0.132827	0.452367	-2.21059	0.352548	1.5967	1.5967	0.135236	2.19814	2.19814	0.853986	1.0943	1.0943	0.925304	0.95522	-1.04688	0.921012	0.952642	-1.04971	0.671772	0.811821	-1.2318	0.26597	1.76294	1.76294	0.998242	3.78279	3.3684	1
cg06775420	HN1L		0.5064503	0.183939	4.27899	4.27899	0.203018	2.80097	2.80097	0.441047	2.26733	2.26733	0.349393	2.73863	2.73863	0.972609	1.036	1.036	0.743476	0.731269	-1.40792	0.170005	0.220838	-4.5282	0.421161	2.61474	2.61474	0.213778	0.668193	0.604443	-1.65442	0.998236	16.883	15.0186	1
cg15964153	HDAC4		0.5064568	0.406346	0.465171	-2.14975	0.280247	0.363753	-2.74912	0.858089	0.851071	-1.17499	0.349659	0.420041	-2.38072	0.110058	0.208202	-4.80304	0.246033	0.335184	-2.98343	0.0902868	0.186031	-5.37544	0.641576	0.655486	-1.52559	0.219361	0.312318	-3.20186	0.998223	12.8337	11.4281	1
cg12075949	PAIP4		0.5064728	0.975715	1.025081	1.025081	0.120462	1.14432	1.14432	0.916102	1.06541	1.06541	0.933333	1.077339	1.077339	0.128644	0.695808	-1.43784	0.9734699	1.02907	1.02907	0.816641	1.09331	1.09331	0.766506	0.907788	-1.10206	0.992891	0.972365	-1.02759	0.998199	3.13186	2.7682	1
cg03704006	CBFA2T3;CBFA2T3		0.5064843	0.989099	1.01041	1.0141	0.0573255	0.06016	0.06016	0.23945	3.53479	3.53479	0.614282	0.594002	-1.6835	0.87907	0.85551	1.16889	0.7641677	1.36125	1.36125	0.310123	0.340786	-2.93439	0.918788	1.1102	1.1102	0.715537	0.687188	-1.45521	0.998179	16.609	14.7905	1
cg10025922	FGF13;FGF13;FGF13		0.5064883	0.100987	0.150131	-6.66086	0.31088	0.330571	-3.02507	0.383288	2.5699	2.5699	0.7475	0.40635	1.40638	0.146388	0.649853	-1.53881	0.116568	0.165261	-6.05105	0.501076	0.488291	-2.05638	0.900055	0.875772	-1.14185	0.66333	0.629753	-1.58792	0.998179	17.6203	15.691	1
cg17246133	PHF13		0.5064918	0.4581312	0.875765	-1.14186	0.40658	1.16076	1.16076	0.368357	1.16792	1.16792	0.716606	0.9870798	-1.0661	0.363537	1.16316	1.16316	0.308807	0.998101	-1.0203	0.128652	0.949508	-1.33421	0.622307	1.09101	1.09101	0.218508	1.25514	1.25514	0.998153	0.68735	0.614401	1
cg13157158	TG		0.5064988	0.81694	0.937949	-1.06616	0.374792	1.28617	1.28617	0.142432	0.646869	-1.54591	0.659629	1.13026	1.13026	0.631154	0.874904	-1.14298	0.557725	1.17797	1.17797	0.697667	1.11388	1.11388	0.0993199	0.607061	-1.64728	0.569487	0.853149	-1.17213	0.998153	1.2066	1.07452	1
cg14203118	D;EEF1D;EEF1D;EEF1D;EEF1D;EEF1		0.5065003	0.836801	1.24275	1.24275	0.560481	0.537823	-1.85935	0.335012	2.85074	2.85074	0.602169	1.74049	1.74049	0.493181	0.4805	-2.08117	0.0555192	0.84057	0.84057	0.361626	0.372293	-2.68606	0.904622	1.13463	1.13463	0.912584	0.890735	-1.12267	0.998144	17.5509	15.6298	1
cg07432352	C17orf57		0.5065057	0.569428	0.614963	-1.62611	0.0448452	0.142684	-7.00852	0.392168	0.476492	-2.09867	0.717217	1.36011	1.36011	0.261539	0.371545	-2.69146	0.558736	0.638249	-1.56679	0.245797	0.358272	-2.79117	0.969567	1.03279	1.03279	0.88825	1.12625	1.12625	0.998136	11.3038	10.0666	1
cg12008461	PLAC8L1		0.5065146	0.2300844	1.615402	1.615402	0.3945	1.32349	1.32349	0.729497	0.648767	1.14582	1.14582	1.14587	1.14587	0.722788	0.5014373	-1.99517	0.3729353	2.68466	2.68466	0.0512944	0.527095	1.89674	1.89674	0.0512944	0.527095	1.89674	0.0512944	0.527095	1.89674	0.998136	0.222095	0.206254	1.24113	1.24113	1
cg19452315	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1		0.50652	0.921233	1.02885	1.02885	0.492424	0.818305	-1.22204	0.956841	1.85972	1.85972	0.959128	1.01485	1.01485	0.720983	1.10865	1.10865	0.461407	0.806102	-1.24068	0.738612	1.10111	1.10111	0.521287	0.829465	-1.2056	0.244895	1.41657	1.41657	1.01587	0.998025	0.813655	0.724679	1
cg21874862	SELO		0.5065353	0.9031482	1.10881	1.10881	0.230462	1.14432	1.14432	0.911511	1.03808	1.03808	0.147765	1.10641	1.10641	0.859308	1.15638	1.15638	0.3169236	1.18541	1.18541	0.532594	1.13684	1.13684	0.538022	1.19666	1.19666	0.517825	1.18714	1.18714	0.998166	1.02466	1.02466	1
cg24908882	GFPT2		0.5065537	0.412377	0.876242	-1.14124	0.482919	1.11897	1.11897	0.962507	0.992612	-1.00744	0.769899	0.954817	-1.04732	0.358369	1.16054	1.16054	0.6498663	1.0747	1.0747	0.0814752	0.737566	-1.35581	0.750906	0.951037	-1.05148	0.209397	0.811758	-1.23189	0.998084	0.392787	0.349814	1
cg21538902	ADO		0.5065539	0.665985	0.919162	-1.08795	0.878655	0.970782	-1.03067	0.56734	1.11875	1.11875	0.327304	0.821806	-1.21683	0.1649	1.33316	1.33316	0.827632	0.958599	-1.04323	0.712336	0.930641	-1.07453	0.776786	0.946325	-1.05672	0.0827191	0.145203	0.98408	0.595498	0.53035	1
cg09784779	PRKAR1B;PRKAR1B		0.5065543	0.922146	0.972144	-1.02865	0.911525	1.03265	1.03265	0.531055	0.832451	-1.20127	0.116465	1.63718	1.63718	0.899564	0.964165	-1.03717	0.197263	1.4828	1.4828	0.0934748	1.70434	1.70434	0.767184	1.08959	1.08959	0.600524	1.16498	1.16498	0.998073	1.3203	1.17586	1
cg01550611	EGFR;EGFR;EGFR;EGFR		0.5065547	0.491459	1.12425	1.12425	0.0954	1.30787	1.30787	0.113475	1.64656	1.64656	0.168696	1.7320502	1.7320502	0.136601	0.5937755	-1.68407	0.8888757	0.960292	-1.04155	0.444389	0.515752	1.93925	0.590753	0.824258	1.21298	0.825828	-1.37364	0.418655	0.793476	1.26028	0.998036	1.25119	1.18026	1
cg05496229	AKT1S1;AKT1S1;AKT1S1		0.5065707	0.417703	0.828699	-1.20671	0.640477	0.898779	-1.11262	0.690606	0.95902	1.05902	0.337017	0.79085	-1.2518	0.163936	0.715193	1.39822	0.153672	0.707109	-1.41402	0.303062	0.78528	-1.27343	0.295995	1.27872	1.27872	0.944678	1.01587	-1.0158	0.998025	0.813655	0.724679	1
cg04635138	ZNHIT3		0.5065758	0.327829	0.773241	-1.29326	0.766285	1.07885	1.07885	0.312935	1.3044	1.3044	0.381617	0.79575	-1.25668	0.498082	0.839354	-1.19139	0.5041151	0.841488	-1.18837	0.062638	0.586598	-1.70475	0.615208	0.878939	-1.13774	0.828759	1.0567	1.0567	0.998001	1.02464	0.912606	1
cg09577756	ECSCR		0.5065783	0.799001	1.09145	1.09145	0.3795	1.23257	1.23257	0.310882	1.2454444	1.2454444	0.31184	1.4148	1.4148	0.0111984	0.563135	-1.77624	0.9318864	1.02573	1.02573	0.0975375	1.95441	1.95441	0.448992	1.25353	1.25353	0.772041	1.0888	1.0888	0.998002	1.3581	1.21635	1
cg04252530	LBX2		0.5065865	0.789031	0.7564409	-1.32204	0.21952	0.83461	0.83461	0.836846	0.65798	0.626876	-1.59521	0.764385	1.40167	0.140167	0.976248	0.969483	-1.03148	0.925859	0.907654	-1.10171	0.35855	0.374259	-2.67195	0.591928	1.75644	1.75644	0.0554066	0.58606	0.585606	0.997997	17.1285	15.2555	1
cg05529201	FBXO31;FBXO31		0.5065923	0.4004852	0.8024183	-1.24637	0.5113	0.872313	-1.14629	0.222228	0.356649	-2.80734	0.222228	1.355645	1.355645	0.349896	0.536533	-1.86439	0.3346997	0.299189	0.877339	1.13959	1.13959	0.499312	2.00311	0.499312	-2.17717	0.981551	0.989938	-1.01079	0.585721	1.28802	0.998097	2.539384	2.29188	1
cg23792485	HNF4A;HNF4A;HNF4A		0.5066	0.566896	1.20208	1.20208	0.0420986	2.10575	2.10575	0.979269	0.991772	-1.0083	0.603309	1.1814	1.1814	0.18532	1.56306	1.56306	0.172384	1.58698	1.58698	0.609173	1.18148	1.18148	0.562708	1.20453	1.20453	0.603042	1.18155	1.18155	0.997972	1.59814	1.42346	1
cg19179236	PTPRK;PTPRK;PTPRK;PTPRK		0.5066503	0.309382	1.39086	1.39086	0.148958	1.34942	1.34942	0.365624	1.17267	1.17267	0.0704546	1.41504	1.41504	0.310968	1.18528	1.18528	0.182943	1.27462	1.27462	0.0737966	1.09349	1.09349	0.615406	1.19048	1.19048	0.614742	1.09498	1.09498	0.647489	0.4019357	1	1
cg26856585	MAP1LC3B;FBXO31;MAP1LC3B		0.5066567	0.666746	1.0473	1.0473	0.955718	-1.04633	0.548687	0.66888	0.96828	0.9534	0.903256	1.10711	1.10711	0.434121	1.08887	1.08887	0.297728	1.12206	1.12206	0.203506	1.83075	1.83075	0.887827	1.12635	1.12635	0.815447	1.23945	1.23945	0.998073	0.84783	0.760226	1
cg08267141	SEC24B;SEC24B		0.5066623	0.951405	1.0263	1.0263	0.762779	1.13766	1.13766	0.627347	1.23174	1.23174	0.890538	1.06042	1.06042	0.328203	0.65053	-1.53721	0.0475167	0.380715	-2.62663	0.404263	1.43848	1.43848	0.900811	0.948263	-1.05456	0.42972	0.709338	-1.40977	0.997931	2.86878	2.55531	1
cg22901940	PDSS1		0.5066626	0.2313178	1.58168	1.58168	0.0475	2.37139	2.37139	0.564487	0.13766	1.17746	0.454587	1.32057	1.32057	0.103737	0.7511613	-1.33121	0.1290514	1.81836	1.81836	0.115053	1.8006	1.8006	0.573302	1.12109	1.12109	0.835594	1.02643	-1.07881	0.997926	2.16268	1.87614	1
cg25172825	MHB5;HMBS		0.5066628	0.832109	0.925635	-1.08034	0.206912	0.62337	-1.62337	0.212815	1.61221	1.61221	0.730374	0.881679	-1.1342	0.630395	1.193	1.193	0.743708	1.2684	1.2684	0.089762	0.506409	-1.97469	0.891573	1.0509	1.0509	0.633842	1.19085	1.19085	0.997922	2.09408	1.86528	1
cg26757794	SMAD6;SMAD6		0.5066639	0.597543	1.15	1.15	0.195193	0.698077	-1.43251	0.798861	1.06924	1.06924	0.297588	1.32747	1.32747	0.173449	1.46222	1.46222	0.586618	1.15402	1.15402	0.0897668	0.753871	-1.32649	0.644662	1.2327	1.2327	0.670561	0.891689	-1.11896	0.997903	1.58502	0.968847	1
cg24263624	ZSWIM4		0.5066654	0.73538	1.3993	1.3993	0.153778	0.56	0.56	0.159	0.65201	0.65201	0.159872	0.5917448	-1.68991	0.776468	0.7822	1.32562	0.491772	0.503164	-1.99934	0.767459	2.66554	2.66554	1.34131	0.649208	0.653235	-1.57422	0.664073	0.226603	-4.41269	1.00999	15.343	13.1853	1
cg01043119	SLC18A2		0.5066664	0.582267	0.560003	-1.7857	0.210735	0.9603	0.9603	0.87547	1.17783	1.17783	0.132986	1.52885	1.52885	0.548015	0.84201	-1.18768	0.515673	0.503526	-1.98599	0.840538	0.810378	-1.23399	0.237239	1.64115	1.64115	0.207971	1.99721	1.99721	0.997901	17.2149	15.3343	1
cg01272967	DPP2C		0.5066682	0.4004852	0.8024183	-1.24637	0.5113	0.872313	-1.14629	0.222228	0.356649	-2.80734	0.222228	1.355645	1.355645	0.349896	0.536533	-1.86439	0.3346997	0.299189	0.877339	1.13959	1.13959	0.499312	2.00311	0.499312	-2.17717	0.981551	0.989938	-1.01079	0.585721	1.28802	0.998097	2.539384	2.29188	1
cg12888005	PIM2		0.5066947	0.164919	0.315858	-3.16598	0.101829	0.248281	-4.02769	0.803541	0.12198	1.21398	0.5378	1.6247	1.6247	0.925669	0.92998	-1.07529	0.161684	0.312691	-3.19805	0.833404	1.17922	1.17922	0.749974	1.28238	1.28238	0.972995	1.02668	1.02668	0.997989	0.956435	0.815962	1
cg04605974	TBC1D9B		0.5066953	0.2984163	1.7886	1.7886	0.807719	0.928489	-1.08285	0.498423	0.804609	-1.24284	0.178967	1.56093	1.56093	0.562952	1.019	1.019	0.182964	1.34158	1.34158	0.734894	1.2305	1.2305	0.979427	1.57186	1.57186	0.694409	1.13304	1.13304	0.997879	1.58144	1.44071	1
cg26890195	INTS9;INTS9;INTS9		0.5066954	0.506059	1.21025	1.21025	0.145283	0.642541	-1.55632	0.129086	0.628858	-1.59018	0.603593	0.862297	-1.15969	0.263438	0.719125	-1.39058	0.828925	0.940633	-1.06311	0.326432	1.33182	1.33182	0.955679	0.984404	-1.01584	0.887539	0.960777	-1.04083	0.997876	1.26418	1.12611	1
cg12626085	UEVLD;UEVLD		0.5066955	0.317469	1.51298	1.51298	0.0814459	0.461215	-2.16819	0.563595	0.791394	-1.26359	0.228741	1.65892	1.65892	0.883765	0.943065	-1.06037	0.63401	0.825159	-1.21189	0.570993	1.25325	1.25325	0.741659	0.875851	-1.14175	0.670957	1.18677	1.18677	0.997874	2.53766	2.26051	1
cg06144260	P2RX6P		0.5066958	0.8055097	1.06047	1.06047	0.3477	1.16587	1.16587	0.863719	0.8007	-1.24891	0.120051	1.49417	1.49417	0.328957	0.7087	-1.41091	0.496564	1.13784	1.13784	0.18571	1.39673	1.39673	0.25415	0.753111	-1.32783	0.771305	1.07187	1.07187	0.997851	0.896079	0.79823	1
cg24911803	EIF3G		0.5066967	0.524125	1.1251	1.1251	0.897571	0.976757	-1.0238	0.205834	1.27595	1.27595	0.440892	1.15432	1.15432	0.234209	1.25572	1.25572	0.174823	1.3015	1.3015	0.270039	0.810816	-1.23333	0.644001	1.08868	1.08868	0.503462	0.883399	-1.13199	0.997848	0.526927	0.469389	1
cg18376860	UCP3;UCP3;UCP3;UCP3;UCP3;UCP3		0.5066994	0.1237197	2.023537	2.023537	0.738648	0.316163	-3.16163	0.602264	0.866344	-1.15428	0.516745	2.20483	2.20483	0.427239	0.704644	-1.42027	0.582977	1.15019	1.15019	0.606843	1.78455	1.78455	0.272352	0.599536	0.446436	0.997776	0.599536	0.446436	0.997776	0.599536	0.446436	0.997776	1
cg11714702	ACOT7;ACOT7;ACOT7;ACOT7		0.5067013	0.564457	1.41853	1.41853	0.0611086	1.54897	1.54897	0.130841	2.66217	2.66217	0.367174	1.74368	1.74368	0.546608	0.693388	1.44219	0.852165	1.11848	1.11848	0.733071	1.22809	1.22809	0.611494	1.35994	1.35994	0.757328	0.830254	1.20445	0.997772	5.69249	5.07129	1
cg26611359	ANKRD10		0.5067039	0.514299	0.675035	-1.48141	0.236844	0.478796	-2.08857	0.804086	0.863174	-1.15852	0.988079	0.991155	-1.00892	0.950657	0.322568	-3.10012	0.159524	0.443667	-2.25394	0.510118	0.672322	-1.48738	0.311803	1.86225	1.86225	0.801262	0.921935	-1.08468	0.997742	5.57996	4.97119	1
cg13033054	TCP10L		0.5067052	0.881182	1.08482	1.08482	0.4125	1.16164	1.16164	0.842707	1.23713	1.23713	0.31894	1.26235	1.26235	0.163995	0.859993	-1.16235	0.932506	0.910289	0.877353	1.12409	1.12409	0.274505	0.603866	1.65574	1.65574	0.0238306	0.644072	0.597742	1.72602	2.48207	2	1
cg21040668	TMEM170A		0.5067131	0.882044	0.97124	-1.02961	0.974573	0.993755	-1.00628	0.856182	0.964972	-1.0363	0.161093	0.745139	-1.34203	0.898672	1.02535	1.02535	0.092976	0.695407	-1.43801	0.0855322	0.688106	-1.45326	0.592587	0.899283	-1.112	0.959798	0.990142	-1.00996	0.997739	0.61041	0.543816	1
cg05913551	SYNM;SYNM		0.5067156	0.814525	0.8857063	-1.12897	0.603063	0.763078	-1.31048	0.746468	0.844328	-1.1859	0.294223	1.75195	1.75195	0.111383	0.409035	-2.44436	0.725348	0.83377	-1.19952	0.317796	0.587275	1.70394	0.189112	0.2506	0.2506

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047)	p-value(105 vs. N)	Fold-Change(1-vs-105)	p-value(111 vs. N)	Fold-Change(1-vs-111)	p-value(112 vs. N)	Fold-Change(1-vs-112)	p-value(121 vs. N)	Fold-Change(1-vs-121)	p-value(1247 vs. N)	Fold-Change(1-vs-1247)	p-value(1477 vs. N)	Fold-Change(1-vs-1477)	p-value(1537 vs. N)	Fold-Change(1-vs-1537)	p-value(527 vs. N)	Fold-Change(1-vs-527)	p-value(537 vs. N)	Fold-Change(1-vs-537)	p-value(5 vs. N)	Fold-Change(1-vs-5)	p-value(5637 vs. N)	Fold-Change(1-vs-5637)	F(Error	
cg00207324	MRC2	0.5072307	0.0283847	-2.43806	0.905246	1.04186	0.14186	-3.38456	0.735606	-1.35942	0.581001	0.825323	-1.21165	0.658075	0.857794	-1.16578	0.623767	1.18561	1.18561	0.426217	0.755931	-1.33287	0.917014	0.964743	-1.03655	0.817241	0.923375	-1.08298	0.996897	1.87255	1.66967	1
cg24412744	RALGPS2	0.507209	0.292473	0.858039	-1.16545	0.736574	1.04847	1.04847	0.51436	1.09713	1.09713	0.505451	0.909623	-1.09936	0.577465	1.08209	1.08209	0.803588	1.03555	0.955207	1.00755	1.070755	0.205653	1.20583	1.12083	1.077157	1.317116	1.096894	0.102609	2.676654	1	
cg21682887	EXOC6B	0.507212	0.9679	0.969319	-1.03165	0.876073	1.12845	1.12845	0.989223	0.989596	-1.01051	0.769682	1.25527	1.25527	0.179066	0.331118	-3.02007	0.450229	1.81441	1.81441	0.0857834	4.35078	4.35078	0.219228	2.71967	2.71967	0.653428	1.41905	1.41905	0.996888	0.46742	8.44175	1	
cg22602270	C1orf63	0.5072314	0.214941	1.49406	1.49406	0.341346	1.15197	1.15197	0.136996	1.63669	1.63669	0.479004	2.24776	2.24776	0.136834	1.63708	1.63708	0.694845	0.885803	-1.1288	0.524893	1.21917	1.21917	0.342446	1.35099	1.35099	0.16935	1.56878	1.56878	0.996885	1.49536	1.33176	1	
cg13460874	CTBP1;CTBP1	0.507216	0.966931	1.01143	1.01143	0.457786	0.812719	-1.23044	0.105007	1.62554	1.62554	0.580782	1.1653	1.1653	0.444515	0.807528	-1.23835	0.996748	1.00012	1.00012	1.00295	1.63101	1.63101	0.987928	1.00416	1.00416	0.776305	0.924485	1.08162	0.996882	1.18758	1.05803	1	
cg09272667	CLINT1	0.5072328	0.5023066	1.2982	1.2982	0.304422	0.955025	-1.04709	0.764496	1.12198	1.12198	0.323444	0.676596	-1.47799	0.557832	1.79688	1.79688	0.213748	0.378565	1.41351	1.41351	0.248861	1.58665	1.58665	0.076781	1.12542	1.12542	0.573324	1.24502	1.24502	0.99686	2.3169	2.06596	1
cg07122896	TEX264;TEX264;TEX264	0.507244	0.900415	1.05854	1.05854	0.398357	0.675059	-1.48135	0.155584	1.99476	1.99476	0.479425	0.721278	-1.38643	0.911522	1.05181	1.05181	0.56384	0.767083	-1.30364	0.653277	1.22813	1.22813	0.143159	2.04429	2.04429	0.257325	1.71124	1.71124	0.996833	3.26044	2.90738	1	
cg19856334	DCAF17;METTL8;DCAF17;DCAF17	0.5072357	0.7957	1.06761	1.06761	0.254073	0.818783	-1.22132	0.634426	1.10566	1.10566	0.49251	1.15737	1.15737	0.449091	1.11563	1.11563	0.417302	1.18991	1.18991	0.0523172	2.628881	-1.58759	0.945311	0.983719	-1.01449	0.840305	1.04321	1.04321	0.996809	0.694054	0.618912	1	
cg10365657	C2orf89	0.507264	0.690826	0.929422	-1.07594	0.472549	1.14513	1.14513	0.68469	0.931209	-1.07387	0.616211	1.09694	1.09694	0.422824	1.16571	1.16571	0.436076	1.15658	1.15658	0.208406	1.57938	1.57938	0.836003	0.962761	-1.03868	0.687991	1.07671	1.07671	0.996798	0.529158	0.471874	1	
cg14381745	TSR2	0.507264	0.155862	0.525638	-1.90245	0.134374	0.504701	-1.98137	0.25868	0.607018	-1.6474	0.59947	1.25166	1.25166	0.350733	0.665751	-1.50206	0.971293	1.01536	1.01536	0.765671	0.88108	-1.13497	0.763855	1.13613	1.13613	0.405439	1.43412	1.43412	0.996797	2.83261	2.52596	1	
cg24306617	ATP1B1;ATP1B1	0.507267	0.2655988	0.412596	-2.42424	0.0744004	0.215252	-4.64627	0.0744004	0.947907	-1.05496	0.814496	1.33503	1.33503	0.0744004	0.749	-1.33503	0.483931	1.58166	1.58166	0.140274	2.89808	2.89808	0.153481	1.41209	1.41209	0.527399	1.8661	1.8661	0.84938	1.15609	0.996791	9.18786	4.19327	1	
cg15644883	AATK	0.507267	0.483625	0.65617	-1.524	0.303095	1.88013	1.88013	0.165045	1.14748	1.14748	0.692288	0.794746	-1.25826	0.131485	0.381485	-2.62134	0.801858	1.86172	-1.16046	0.605802	0.734831	-1.36086	0.17968	0.430227	-2.32435	0.167689	0.418806	-2.38774	0.996791	0.53009	4.93146	1	
cg17442903	PPARD;PPARD	0.507285	0.957027	0.975565	-1.02505	0.909645	2.52439	2.52439	0.194101	1.87869	1.87869	0.89837	0.943038	-1.0604	0.518725	0.74062	-1.35022	0.651941	1.85818	-1.16534	0.432341	0.763449	-1.30985	0.234772	0.65726	-1.52147	0.706693	0.88039	-1.13586	0.996742	1.79263	1.59866	1	
cg24149393	PPP2R5A	0.507295	0.708594	1.13487	1.13487	0.980653	0.995644	-1.00438	0.167561	1.64823	1.64823	0.173531	1.629	1.629	0.442356	0.768002	1.30208	0.651941	1.85818	-1.16534	0.432341	0.763449	-1.30985	0.234772	0.65726	-1.52147	0.706693	0.88039	-1.13586	0.996742	1.79263	1.59866	1	
cg17239770	MME1	0.507297	0.367448	0.667724	-1.49762	0.343534	0.653228	-1.53062	0.241248	0.585579	-1.70771	0.685991	0.837517	-1.19401	0.545488	0.367642	-2.72004	0.675146	0.832039	-1.20187	0.861849	0.926826	-1.07895	0.151792	0.511776	-1.95398	0.693002	0.841057	-1.18898	0.996738	3.00424	2.67918	1	
cg23346625	STK32A;STK32A	0.5072302	0.217957	0.559403	-1.78749	0.424283	0.0744003	-3.45033	0.0744003	0.426429	1.02479	0.339767	1.55417	1.55417	0.192217	0.533667	-1.85636	0.647379	0.818738	-1.22139	0.173567	1.91343	1.91343	0.822465	1.10596	1.10596	0.683306	0.832083	1.2018	0.996729	1.37063	0.82758	1	
cg03406106	PKD1L2;PKD1L2	0.50731	0.311445	0.535713	-1.86667	0.222655	0.463555	-2.15726	0.307685	0.530731	-1.88419	0.670477	0.773536	-1.29276	0.300129	0.525087	1.90445	0.408282	1.602037	-1.66103	0.112654	0.354852	-2.81807	0.0808561	0.313048	-3.1944	0.356618	0.566191	-1.76619	0.996716	5.68186	5.06718	1	
cg15446670	ABCB1;RUNDC3B;RUNDC3B;RUNDC3B	0.507322	0.58793	1.15598	1.15598	0.815715	0.94002	-1.06381	0.882528	0.961582	-1.03995	0.668748	0.582943	-1.71543	0.961891	0.98742	-1.01274	0.348807	0.774489	-1.29117	0.879413	1.04104	1.04104	0.489486	1.20444	1.20444	0.222668	1.40428	1.40428	0.996695	1.1081	0.988242	1	
cg26364899	PPARG;PPARG;PPARG	0.507335	0.629078	0.897664	-1.114	0.424978	0.834669	-1.19808	0.331076	0.800559	-1.24913	0.569187	0.880193	-1.13611	0.911471	1.02498	1.02498	0.33581	0.802404	-1.24625	0.0938645	0.66456	-1.50476	0.113044	0.698037	-1.43259	0.128746	0.694783	-1.4393	0.996671	0.77663	0.692643	1	
cg26033657	PKIA;PKIA;PKIA;PKIA;PKIA;PKIA	0.507343	0.472173	1.15317	1.15317	0.256555	0.218783	-2.12153	0.0144426	1.10566	1.10566	0.49251	1.15737	1.15737	0.449091	1.11563	1.11563	0.417302	1.18991	1.18991	0.0523172	2.628881	-1.58759	0.945311	0.983719	-1.01449	0.840305	1.04321	1.04321	0.996809	0.694054	0.618912	1	
cg14422932	STK32B	0.507349	0.80148	1.16482	1.16482	0.868554	0.174228	1.17248	1.17248	0.902755	0.872304	-1.14639	0.604956	0.993873	-1.00672	0.729636	1.38931	1.38931	0.38103	2.72987	2.72987	0.340628	0.333672	-2.99696	0.347764	2.94623	2.94623	0.612549	1.76969	1.76969	0.996446	19.7187	17.5867	1	
cg07412798	MSH5;MSH5;MSH5	0.507351	0.723085	1.09444	1.09444	0.779221	0.981312	-1.01904	0.825155	0.948154	-1.02823	0.697139	0.737593	-1.35572	0.606092	0.467597	2.13966	0.424617	1.40258	1.40258	0.186508	0.712117	1.40412	0.467908	0.893443	-1.11924	0.818738	0.891871	-1.12081	0.996444	0.845838	0.745467	1	
cg27291464	CYP4X1 DMD;DMD;DMD;DMD;DMD;DMD;DM D;DMD;DMD;DMD;DMD;DMD;DMD;D	0.5073513	0.317768	1.67779	1.67779	0.0886168	2.56325	2.56325	0.353303	1.61379	1.61379	0.151022	2.16218	2.16218	0.819476	1.12137	1.12137	0.735284	1.8436221	-1.18537	0.233513	1.86096	1.86096	0.238789	1.85567	1.85567	0.746696	1.17633	1.17633	0.99664	3.96361	3.53509	1	
cg09192059	MD;DMD;DMD;DMD;DMD	0.507356	0.453881	0.480955	-2.0792	0.742044	0.728404	-1.37287	0.422459	2.1949	2.1949	0.390338	2.32681	2.32681	0.206022	3.59606	3.59606	0.089952	0.166429	-6.00858	0.714631	1.42238	1.42238	0.795461	1.28305	1.28305	0.975136	1.03035	1.03035	0.996634	14.5298	12.959	1	
cg07537797	NIPA1;NIPA1	0.507367	0.528354	0.850202	-1.17598	0.737946	0.737722	-1.72337	0.341463	0.816809	-1.83958	0.978643	1.02038	1.02038	1.00108	1.00108	1.00108	0.642004	1.67019	-1.49404	0.709456	1.37581	1.37581	0.998985	1.14473	1.14473	0.475554	1.8561	1.8561	0.996616	11.4699	10.2301	1	
cg03833141	CARD11	0.507381	0.454896	0.589951	-1.69506	0.472154	1.66036	1.66036	0.630369	0.820971	0.854579	-1.17017	0.738661	1.26129	1.26129	0.676396	1.43791	0.637963	0.23197	4.31091	1			0.32812	-1.49671	-2.01341	0.176592	0.360971	-2.7073	0.64354	0.723915	-1.38138	0.75196	0.802655	1.24586	0.96519	0.758693	0.767011	1	
cg04957722	NFE2L3;NFE2L3	0.507384	0.68598	0.752489	-1.32892	0.360419	0.517992	-1.93053	0.819217	0.852008	-1.1737	0.453474	1.70617	1.70617	0.160316	0.350154	-2.85589	0.410376	0.554897	-1.80214	0.0959648	0.278287	-3.59341	0.25651	0.436668	-2.29007	0.315226	0.483583	-2.0679	0.996585	7.72535	6.89051	1	
cg03095097	MYST2	0.507391	0.8020665	1.07196	1.07196	0.216582	0.328041	1.32841	1.32841	0.0744003	0.9559	0.949212	1.04576	1.04576	0.745167	0.97457	1.14486	0.7419	0.633535	1.57846	1.57846	0.555758	1.79945	1.79945	0.0444343	0.808791	0.919436	-1.08757	0.847177	1.48121	1.48121	0.976497	1.02326	0.851705	0.914799	0.857586	1	
cg23251359	DGKK	0.50739	0.108769	0.10795	-9.26354	0.991028	0.985793	-1.01441	0.949489	1.08396	1.08396	0.253715	0.55821	0.55821	0.26895	4.32858	4.32858	0.232941	0.203568	-4.91237	0.698769	0.606939	-1.64032	0.809195	1.36052	1.36052	0.888259	1.19592	1.19592	0.996574	25.5633	22.8011	1	
cg06025981	FLJ45340	0.507395	0.789835	0.931722	-1.07353	0.790823	0.870708	1.05594	0.633802	0.883838	1.13136	1.13136	0.317684	0.887848	1.12646	0.317653	3.14833	0.353723	0.239752	-4.17201	0.0925911	0.393074	-2.54302	0.0855155	0.315573	-3.16955	0.415531	0.593035	-1.68603	0.996585	1.07483	0.910862	1	
cg05944174	PTPRN2;PTPRN2;PTPRN2	0.507398	0.6106021	0.829163	-1.20604	0.412961	0.736876	-1.35708	0.211383	0.618592	-1.61658	0.759181	1.1187	1.1187	0.236252	0.635884	1.57261	0.151244	0.570634	-1.75244	0.784607	0.904889	-1.10511	0.490524	1.29108	1.29108	0.139689	0.56003	-1.78562	0.99656	2.10034	1.87341	1	
cg07650392	PRICKLE2	0.507418	0.468345	0.60875	-1.64271	0.397952	0.558816	-1.7895	0.280925	0.47069	-2.12454	0.423341	1.73299	1.73299	0.408967	0.566748	-1.76445	0.842257	1.14327	1.14327	0.924657	0.983729	3.5562	3.5562	0.811215	1.17456	1.17456	0.996524	7.13548	6.36478	1	
cg21220196	RFX	0.507443	0.247935	1.22744	1.22744	0.305673	0.850001	-1.17647	0.557794	0.694298	-1.44583	0.384608	1.85903	1.85903	0.382535	0.859007	-1.16414	0.873699	1.02737	1.02737	0.212294	0.804146	-1.24276	0.184848	0.750019	-1.3333	0.529589	0.807558	-1.23843	0.996428	0.454538	0.405461	1	
cg03960811	ZNF385B;ZNF385B;ZNF385B	0.507443	0.720413	0.897118	-1.11468	0.942647	1.02197	1.02197	0.950994	1.01874	1.01874	0.293975	0.719765	-1.38934	0.470992	1.24797	1.24797	0.382506	1.31068	1.31068	0.337468	1.34814	1.34814	1.03352	1.71234	1.71234	0.329757	0.737986	-1.35504	0.99648	1.44021	1.28471	1	
cg26405588	MAEA;MAEA	0.507447	0.426444	1.18866	1.18866	0.557353	0.71758	-1.3936	0.452599	1.09225	1.09225	0.839914	0.929567	-1.07557	0.464542	2.15309	2.15309	0.819309	1.02769	1.02769	0.357464	2.79744	2.79744	0.0249189	1.11608	1.11608	0.0504128	2.29119	2.29119	0.208497	2.08719	1.81719	1	
cg02147240	RGS6	0.507449	0.127153	0.279379	-3.57937	0.54702	0.624327	-1.60173	0.251908	2.52231	2.52231	0.713417	0.751914	-1.32994	0.831493	1.17711	1.17711	0.346311	1.47257	-2.11628	0.644298	1.43243	1.43243	0.481991	1.73741	1.73741	0.244125	1.389877	-2.56491	0.99647	0.4295	8.41147	1	
cg23118564	BOD1;BOD1	0.507453	0.558665	1.13854	1.13854	0.87409	0.965808	-1.0354	0.409156	0.830946	-1.20345	0.654783	0.905986	-1.10377	0.984704	0.995803	-1.00421	0.775416	0.939177	-1.06476	0.180469	0.731983	-1.36615	0.0821718	1.52572	1.52572	0.495438	1.16399	1.16399	0.996463	0.759534	0.675538	1	
cg10074609	ZNF61	7	0.6496567	1.54019	1.54019	0.0489662	1.76587	1.76587	0.0744003	0.564	-1.77256	0.615626	1.76587	1.76587	0.0744003	0.564	-1.77256	0.615626	-2.39966	0.357464	0.738649	1.59604	1.59604	0.0249189	1.6983	1.6983	0.0504128	2.35929	2.35929	0.208497	2.08719	1.81719	1	
cg21955796	CNKSR3	0.507469	0.114575	0.370256	-2.70083	0.313133	0.564519	-1.82943	0.563863	0.756193	-1.39627	0.382707	0.595555	-1.6791	0.266068	0.511239	-1.95603	0.71048	0.80601	-1.24068	0.0540882	0.282033	-3.54568	0.455197	0.643805	-1.55327	0.485173	0.663229	-1.50778	0.996434	5.28946	4.71857	1	
cg21574296	NCOR1	0.507473	0.340084	0.629555	-1.58846	0.387597	0.683707	-1.46352	0.260788	0.870307	-1.1375	0.623852	0.708488	1.41153	0.382535	0.859007	-1.16414	0.342173	0.63218	-1.5779	0.238866	0.500563	-1.815	0.145744	0.809253	-1.23557	0.148944	0.402431	-2.4849	0.996426	0.913102	0.814258	1	
cg22169418	TUT1	0.507473	0.146352	1.44018	1.44018	0.703126	1.09371	1.09371	0.91677	1.02476	1.02476	0.894342	1.03157	1.03157	0.484109	1.18099	1.18099	0.0667233	0.618205	-1.61759	0.769966	1.07101	1.07101	0.668883	0.904247	-1.10589	0.933137	1.01982	1.01982	0.996428	0.863732	0.770514	1	
cg20748240	RNF44	0.507481	0.649607	1.14381	1.14381	0.489662	1.7658	1.7658	0.0744003	0.564	-1.77256	0.615626	1.76587	1.76587	0.0744003	0.564	-1.77256	0.615626	-2.39966	0.357464	0.738649	1.59604	1.59604	0.0249189	1.6983	1.6983	0.0504128	2.35929	2.35929	0.208497	2.08719	1.81719	1	
cg02937102	SCML4	0.507488	0.361102	0.793727	-1.25986	0.874002	0.961702	-1.03982	0.881672	0.76708	-1.30398	0.693779	0.76708	1.30762	0.762017	0.710647	1.09603	0.919876	1.02564	1.02564	0.200128	1.3952	1.3952	0.304594	1.29903	1.29903	0.893357	1.0035	1.0035	0.996401	0.955528	0.852426	1	
cg01769813	TSC2;TSC2;TSC2	0.507499	0.31142	1.65887	1.65887	0.132384	2.192	2.192	0.0630836	2.74673	2.74673	0.499864	1.39236	1.39236	0.978828	0.987256	-1.01201	0.420858	1.488	1.488	0.601876	1.28968	1.28968	0.205052	1.90834	1.90834	0.917372	1.05143	1.05143	0.996382	3.68601	3.28835	1	
cg24057680	SRD5A1;NSUN2	0.507505	0.797073	0.871202	-1.14753	0.362217	0.708298	-1.27722	-1.72337	0.341463	0.816809	-1.83958	0.978643	1.02038	1.02038	1.00108	1.00108	0.642004	0.670919	-1.49045	0.709456	1.37581	1.37581	0.998985	1.14473	1.14473	0.475554	1.8561	1.8561	0.996616	11.4699	10.2301	1	
cg23807215	TBC1D8	0.507507	0.379549	1.25612	1.25612	0.69681	1.10412	1.10412	0.224154	0.721961	-1.38129	0.842074	0.95079	-1.05176	0.0592947	0.583571	-1.71359	0.677725	0.899682	-1.1115	0.666656	0.896175	-1.11585	0.905445	0.970388	-1.03052	0.316775	0.769668	1.29926	0.996368	0.00974	0.900821	1	
cg00870596	SLC39A10;SLC39A10	0.507528	0.905328	1.01482	1.01482	0.282917	1.1481	1.1481	0.943857	1.16314	1.16314	0.453977	0.909795	-1.09915	0.956066	1.12485	1.12485	0.70275	0.951691	-1.04867	0.195698	0.844007	-1.18482	0.341704	1.16402	1.16402	0.844789	0.976497	-1.02407	0.996328	0.242387	0.216249	1	
cg20364135	CDK16;CDK16	0.507546	0.160987	0.336308	-2.97126	0.444896	0.700415	-1.42772	0.750165	0.864096	-1.15728	0.661508	1.22316	1.22316	0.649408	1.23276	1.23276	0.116324	0.458284	-2.18205	0.353258	0.579517	-1.72557	0.409676	0.680097	-1.47038	0.510395	1.3569	1.3569	0.996299	1.28868	2.94326	1	
cg08225549	STMN2	0.507552	0.641735	0.785056	-1.2738	0.17808	0.477567	-2.09395	0.537121	0.724208	-1.38082	0.132504	0.432416	-2.31259	0.15256	0.453231	-2.20638	0.979166	0.98604	-1.01358	0.945671	1.10582	1.10582	0.371042	1.60702	1.60702	0.709218	1.21344	1.21344	0.996288	4.20882	3.75511	1	
cg03740573	MTA1	0.507555	0.163095	0.337977	-2.96107	0.0793901	0.29402	-3.40492	0.0888222	0.85951	-1.16455	0.640778	1.2999	1.2999	0.480238	0.42039	2.37899	0.501613	1.46324	1.46324	0.238064	0.685147	1.99147	1.99147	0.786264	0.859246	-1.16381	0.651891	1.28849	1.28849	0.996276	1.4335	1.28353	1	
cg26457569	KANK2;KANK2	0.507561	0.194342	0.406341	-2.46099	0.903203	0.9233	-1.08307	0.871121	0.898981	-1.11237	0.961047	1.03255	1.03255	0.638422	0.255029	-3.92113	0.717705	0.788099	-1.26888	0.119757	0.330495	-3.02576	0.851177	0.884094	-1.1311	0.346095	0.529183	-1.8897	0.996272	6.78812	6.05646	1	
cg21789136	PVALB	0.507569	0.184507	0.523472	-1.91012	0.480977	1.39016	1.39016	0.338507	1.57413	1.57413	0.634677	0.802422	-1.24623	0.282322	0.584225	-1.71167	0.412125	0.680022	-1.47054	0.144287	0.486585	-2.05472	0.0884379	0.37083	-2.69729	0.107183	0.278418	-3.59111	0.996268	1.83672	2.97712	1	
cg21395915	IPO13;IPO13	0.507574	0.489634	0.858605	-1.16713	0.670537	0.910073	-1.09881	0.375374	1.22182	1.22182	0.659905	0.907091	-1.10243	0.311828	0.794216	1.2591	0.356057	0.811365	-1.23249	0.176488	1.3722	1.3722	0.226949	0.756287	-1.32225	0.36559	0.815257	-1.22661	0.996248	0.765088	0.68264	1	
cg25168925	HCCA2;DUSP8	0.507582	0.851424	0.959648	-1.04205	0.229616	1.31904	1.31904	0.185944	1.36079	1.36079	0.312926	1.25768	1.25768	0.435337	1.19105	1.19105	0.584739	1.12888	1.12888	0.441085	1.841501	-1.18835	0.0959471	1.49429	1.49429	0.558016	1.13898	1.13898	0.996234	0.761367	0.679329	1	
cg07487584	DLC1;DLC1;DLC1	0.507584	0.543835	0.827423	-1.20903	0.562274	0.414456	-2.38074	0.393183	1.77016	1.77016	0.833036	1.14558	1.14558	0.287006	0.873285	-1.14506	0.307128	0.508382	-1.96702	0.506821	0.649884	-1.53874	0.276736	0.748947	-2.06251	0.283141	2.04132	2.04132	0.996231	5.76054	5.10458	1	
cg20945508	GAP43;GAP43;GAP43;GAP43	0.507592	0.83626	0.976238	-1.02434	0.778278	0.967797	-1.03327	0.44201	1.09537	1.09537	0.741699	1.03918	1.03918	0.487406	0.982222	-1.0181	0.276787	0.876829	-1.14047	0.05663	0.773826	-1.28497	0.217181	0.859955	-1.16285	0.952787	1.0069	1.0069	0.996216	0.213045	0.190092	1	
cg25870731	UDCL1	0.507593	0.2283	0.81664	-1.22468	0.710308	1.07308	1.07308	0.691443	1.05134	1.05134	0.194843	1.05152	1.05152	0.258868	1.63748	1.63748	0.183966	0.715656	-1.39768	0.0370848	0.538453	-1.85872	0.0768648	0.33088	-3.02268	0.0977217	0.97026	-1.03065	0.996194	1.15428	1.0394	1	
cg14155416	L3MBTL4	0.507612	0.706216	0.883233	-1.1322	0.934558	1.02729	1.02729	0.190917	0.635032	-1.57472	0.784525	0.914052	-1.09403	0.447561	1.28892	1.28892	0.500543	1.25132	1.25132	0.968362	0.98708	-1.01309	0.0823852	1.87929	1.87929	0.336839	1.3836	1.3836	0.996182	1.69624	1.51354	1	
cg12453288	C2orf50;C2orf50	0.507614	0.495844	1.333	1.333	0.932959	1.03559	1.03559	0.809021	0.904253	-1.10589	0.264099	0.616404	-1.62231	0.387896	0.692221	-1.44463	0.782523	0.801353	-1.12189	0.529347	1.30326	1.30326	0.382284	0.68905	-1.45127	0.0854787	2.20379	2.20379	0.996178	2.72589	2.43211	1	
cg07238359	TRIO	0.507618	0.334589	0.756116	-1.33283	0.332604	0.975893	-1.02471	0.621848	1.12199	1.12199	0.444644	1.70078	1.70078	0.197284	0.588112	-1.70092	0.851892	1.21699	1.21699	0.695206	1.12047	1.12047	0.156785	0.645597	-1.54895	0.096171	1.31709	1.31709	1.17525	1	
cg20772904	SHCBP1	0.507631	0.216192	0.657053	-1.52195	0.107217	0.566996	-1.76368	0.16003	1.62326	1.62326	0.808599	0.924673	-1.08146	0.737288	1.11476	1.11476	0.950925	1.02006	1.02006	0.486505	0.79599	-1.2563	0.912017	1.03631	1.03631	0.851295	1.06243	1.06243	0.996148	1.64294	1.46604	1	
cg13367122	PKCB;PKCB	0.507635	0.376836	0.797537	-1.25431	0.246668	0.497771	-2.0098	0.516149	0.830055	-1.6392	0.269163	1.26735	1.26735	0.267911	0.564134	-1.77313	0.574413	0.643677	-1.55369	0.0802422	-1.24623	0.262322	0.584225	-1.71167	0.0844581	0.774918	-1.28466	0.952757	1.33672	0.277312	1		
cg12251659	KDM2B;KDM2B	0.507635	0.385619	0.714865	-1.39886	0.940204	0.972085	-1.02872

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	df
cg19748602	NME1;NME1-NME2;NME1	0.508024	?	?	0.815517	1.17541	1.17541	?	?	?	0.615407	1.41946	1.41946	0.279359	2.1765	2.1765	0.07698882	1.26055	-3.83804	0.878404	1.63168	1.11168	0.590818	1.44653	1.44653	0.698869	1.30841	1.30841	0.372641	5.7294	6.73207	1
cg23525853	PRTN3	0.508024	0.493674	1.15378	0.155328	0.70127	0.78112	-1.28021	0.392015	0.834887	-1.19777	0.990078	1.1987	1.9897	0.990742	0.999469	-1.00053	0.226524	1.29862	1.29862	0.307346	0.804565	-1.24291	0.255364	1.2768	1.2768	0.945107	0.98593	-1.01427	0.995454	0.667618	0.596149	1
cg07018106	RF2	0.50803	0.531629	1.17023	1.17023	0.369835	1.2567	1.2567	0.540309	1.16626	1.16626	0.411502	0.811933	-1.23163	0.279477	1.32174	1.32174	0.739387	0.920509	-1.08635	0.141232	1.48074	1.48074	0.510421	0.847356	-1.18014	0.181139	1.42224	1.42224	0.995443	0.970399	0.865526	1
cg03413393	ZMZ1; CAMTA2;CAMTA2;SPAG7;CAMTA2;CA	0.508041	0.425572	1.68965	1.68965	0.0897678	1.33905	1.33905	0.146581	2.72972	2.72972	0.444676	1.65251	1.65252	1.384842	0.563062	-1.776	0.501135	1.41848	1.41848	1.814446	1.16365	1.16365	0.257706	2.14878	2.14878	0.633348	1.36316	1.36316	0.995424	6.55161	5.85043	1
cg21667817	MTA2	0.508051	?	?	0.249233	3.78563	3.78563	0.433758	2.38429	2.38429	?	?	?	?	?	?	0.675892	1.57309	1.57309	0.357677	2.81319	2.81319	0.0932909	8.27936	8.27936	0.383114	2.65411	2.65411	0.100567	11.2295	9.30522	1
cg15792252	DZIP1;DZIP1	0.508063	0.0461575	0.582378	-1.7171	0.554388	1.15201	1.15201	0.502446	1.17476	1.17476	0.902431	1.02945	1.02945	0.978979	1.00625	1.00625	0.665502	0.802894	-1.24549	0.376928	0.806906	-1.2393	0.773332	1.07072	1.07072	0.865741	1.04085	1.04085	0.995386	0.882739	0.788295	1
cg18501887	MRPS23	0.508063	0.769383	1.13317	1.13317	0.534602	0.765376	1.36655	0.977136	0.987887	-1.01824	0.948057	1.50674	1.50674	0.511898	0.753602	-1.32696	0.057928	0.400525	-2.49673	0.951273	1.02633	1.02633	0.634109	1.22618	1.22618	0.359746	1.49247	1.49247	0.995378	2.850093	2.54592	1
cg13308870	CBX7	0.508075	0.340635	1.24667	-1.05385	0.225041	1.14877	1.14877	0.457881	1.24117	1.24117	0.805351	1.35385	1.35385	0.945417	1.39502	1.39502	0.365337	1.3749	1.3749	3.6749	0.653793	1.88728	1.88728	0.237543	1.23422	-5.83536	0.581608	2.12058	2.12058	0.995365	32.026	28.6001	1
cg25671364	LRPAP1	0.508086	0.937052	0.97756	-1.02295	0.32015	0.744406	-1.34335	0.935046	1.0237	1.0237	0.363638	1.30768	1.30768	0.404345	1.27784	1.27784	0.172299	1.51804	1.51804	0.132099	1.59518	1.59518	0.516818	0.827905	-1.20787	0.451228	1.24677	1.24677	0.995345	1.30149	1.16229	1
cg25973679	FBXL1	0.508087	0.9681	0.989376	0.81835	0.171862	1.97165	1.97165	0.149676	2.01885	2.01885	0.996264	0.998157	1.00258	0.951001	1.02484	1.02484	0.995229	1.00272	1.00272	0.113213	1.19021	1.19021	0.853127	1.08954	1.08954	0.188818	1.34769	1.34769	0.644188	1.52334	0.995343	3.260992	2.991216	1
cg01012394	EYA3	0.508092	0.994499	1.00169	1.00169	0.251485	0.745624	-1.34116	0.602967	1.1372	1.1372	0.053813	1.70988	1.70988	0.398854	1.23568	1.23568	0.884929	1.03612	1.03612	0.676041	1.11073	1.11073	0.808642	0.942287	-1.06125	0.388767	1.24161	1.24161	0.995334	0.946272	0.845074	1
cg00959463	TSPAN9;TSPAN9	0.508093	0.455744	0.5526O7	-1.80961	0.417601	1.9091	1.9091	0.214687	2.77356	2.77356	0.816134	0.853728	-1.19584	0.127746	0.276463	-3.61712	0.976269	0.977044	-1.0235	0.569384	1.56666	1.56666	0.229071	0.373274	-2.679	0.911003	0.916406	-1.09122	0.995333	0.60904	0.58142	1
cg03184243	FBXO16	0.508108	0.84042	1.04349	1.04349	0.140959	1.39706	1.39706	0.196261	1.34003	1.34003	0.517954	1.44844	1.44844	0.982988	1.00451	1.00451	0.559637	1.13266	1.13266	0.747689	0.934115	-1.07053	0.196156	0.749296	-1.33459	0.297109	1.25641	1.25641	0.995306	0.702889	0.627737	1
cg24725201	KCNQ1;KCNQ1	0.508111	0.434353	1.50757	1.50737	0.164492	0.466266	-2.1447	0.111536	0.409774	-2.43918	0.70427	1.2168	1.2168	0.958284	0.957593	-1.04428	0.904426	1.06374	1.06374	0.738367	1.18822	1.18822	0.916672	0.947584	-1.05532	0.247697	1.86216	1.86216	0.995301	4.17185	3.72582	1
cg05793240	GNA12	0.508116	0.924338	0.9311	1.0311	0.30416	0.708665	-1.41111	0.682737	1.41666	1.41666	0.291886	1.42259	1.42259	0.717387	0.813611	1.22909	0.816042	1.07802	1.07802	0.174876	0.628018	-1.59231	0.840168	0.930974	-1.06727	0.143383	1.6002	1.6002	0.995291	1.6383	1.46316	1
cg06171628	ACSF3;ACSF3;ACSF3	0.508118	0.279527	0.377279	-2.65056	0.606992	1.5687	1.5687	0.383942	2.16855	2.16855	0.409338	0.481124	-2.07847	0.109928	0.220733	-4.53036	0.543973	0.587113	-1.70325	0.221365	0.328058	-3.04824	0.721625	0.733307	-1.36369	0.316021	0.407041	-2.45675	0.995288	11.8504	10.5836	1
cg16000393	TNK2;TNK2	0.508119	0.779682	1.10216	1.10216	0.585583	1.36144	1.36144	0.538866	0.885873	1.14089	0.316063	1.43269	1.43269	0.115381	1.81074	1.81074	0.607325	1.1971	1.1971	0.597862	0.831407	-1.20278	0.110882	1.82668	1.82668	0.847651	0.935462	-1.06899	0.995287	1.89657	1.66982	1
cg06095132	ADCK1;ADCK1	0.508121	0.247947	0.745405	-2.40728	0.187609	0.362154	-2.76126	0.372386	0.194539	1.94659	0.166672	2.92254	2.92254	0.818754	0.84625	-1.18168	0.808558	1.08716	1.08716	0.725072	1.29281	1.29281	?	?	?	0.81398	1.18701	1.18701	0.995284	0.735794	0.647241	1
cg22138393	PTDSS1	0.508123	0.208812	0.442778	-2.25847	0.138447	0.375011	-2.66659	0.359472	0.56026	-1.78489	0.919029	1.06452	1.06452	0.161288	0.398561	-2.50902	0.481712	0.644218	-1.55227	0.775886	1.19185	1.19185	0.130108	0.365914	-2.73288	0.558369	0.69493	-1.43899	0.99528	5.96001	5.32292	1
cg14197145	LRFN2	0.508125	0.809846	1.09473	1.09758	0.410357	1.31765	1.31765	0.514976	1.23985	1.23985	0.992644	1.16087	1.16087	0.954102	1.02011	1.02011	0.893273	1.12311	1.12311	0.852727	1.0895	1.0895	0.188858	1.34769	1.34769	0.644188	1.52334	0.995343	3.260992	2.991216	1.70769	1
cg17422915	KIRREL3;KIRREL3	0.508137	0.249653	0.455509	-2.19534	0.73366	1.2501	1.2501	0.351629	1.87106	1.87106	0.172391	0.387033	-2.58376	0.0925799	0.29828	-3.35256	0.748686	0.810518	-1.23378	0.487552	0.629428	-1.58874	0.603855	0.710263	-1.40793	0.709433	0.782991	-1.27715	0.995254	0.673331	0.60171	1
cg24486495	TBC1D28;TBC1D28	0.508139	0.252408	0.775649	-1.28934	0.580063	1.12667	1.12667	0.208375	1.32717	1.32717	0.410948	0.838374	-1.19282	0.0156291	0.488737	-2.04673	0.940435	0.984706	-1.01553	0.924884	0.940682	-1.18953	0.942608	0.974389	-1.0998	0.593334	1.12191	1.12191	0.995251	0.917002	0.841318	1
cg16035277	SLC22A18AS;SLC22A18;SLC22A18	0.508142	0.187184	0.802397	-1.24627	0.640535	0.928616	-1.07687	0.390498	0.870607	-1.14862	0.357891	0.861662	-1.16055	0.373495	0.866003	1.15473	0.542011	0.90737	-1.10209	0.101162	0.75376	-1.32668	0.108428	0.758986	-1.31755	0.708734	1.06087	1.06087	0.995246	0.390902	0.349128	1
cg07119871	PRIMA1	0.508142	0.523316	1.23013	1.23013	0.396554	0.757307	-1.32047	0.4608	0.786292	-1.27179	0.847881	0.940361	-1.06342	0.188653	1.5652	1.5652	0.757878	0.95734	-1.01408	0.364559	1.34761	1.34761	0.759312	1.1034	1.1034	0.0987903	1.78527	1.78527	0.995245	1.6161	1.4434	1
cg17489060	PRDM16;PRDM16	0.508145	0.320072	0.401258	-2.49256	0.0975606	0.766599	-1.30367	0.350479	0.794131	-1.25924	0.665231	0.920204	-1.08507	0.446918	1.0602	1.0602	0.29042	1.0392	1.0392	2.63731	0.151071	2.53942	0.0253111	0.837578	0.837578	0.837711	-1.19466	0.995212	12.3126	10.997	1
cg01112899	AMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.508151	0.771783	1.14583	1.14583	0.0475352	2.88891	2.88891	0.210119	1.85558	1.85558	0.717436	1.18544	1.18544	0.932469	1.04047	1.04047	0.250434	1.75443	1.75443	0.486732	1.39205	1.39205	0.866089	1.0822	1.0822	?	?	?	0.985204	3.03882	3.08446	1
cg24161397	KNDC1	0.508161	0.575798	1.30087	1.30087	0.1049	2.28086	2.28086	0.367295	1.53867	1.53867	0.351731	1.56192	1.56192	0.44139	1.44091	1.44091	0.134267	2.11986	2.11986	0.537657	1.33694	1.33694	0.0934532	2.35954	2.35954	0.345229	1.57197	1.57197	0.995205	3.41238	3.04784	1
cg14674124	MIR202	0.508173	0.26942	0.444706	-2.24867	0.372988	1.90483	1.90483	0.534344	1.558	1.558	0.802481	1.19314	1.19314	0.108154	0.290846	-3.43825	0.801028	0.837007	-1.19473	0.339589	0.499828	-2.00069	0.7543	1.24759	1.24759	0.377064	1.89389	1.89389	0.995119	7.82447	6.9887	1
cg01807748	ABCA4	0.508176	0.575413	1.2976	1.2976	0.0430583	1.67502	1.67502	0.161239	2.38925	2.38925	0.113385	1.68549	1.68549	0.0504703	1.5082	1.5082	0.761889	0.787131	1.2544	0.605043	1.5082	1.5082	0.197319	1.5218	1.5218	0.160883	1.92311	1.92311	0.995186	9.77811	8.73369	1
cg21054441	CORO2B	0.508187	0.446688	0.874161	-1.14395	0.862457	1.03053	1.03053	0.284508	1.21261	1.21261	0.453222	0.875909	-1.14167	0.883942	1.02565	1.02565	0.694204	0.933778	-1.07092	0.048432	0.675801	-1.47973	0.915805	0.98183	-1.01851	0.687859	1.07254	1.07254	0.995165	0.473899	0.42329	1
cg15064086	UCB2B56;UCB2B56;UCB2B568	0.508191	0.125628	0.775649	-1.28934	0.580063	1.12667	1.12667	0.208375	1.32717	1.32717	0.410948	0.838374	-1.19282	0.0156291	0.488737	-2.04673	0.940435	0.984706	-1.01553	0.924884	0.940682	-1.18953	0.942608	0.974389	-1.0998	0.593334	1.12191	1.12191	0.995151	0.917002	0.841318	1
cg00736915	P2RX4	0.508195	0.182379	0.435175	-2.29792	0.562402	0.708699	-1.41104	0.620126	0.74546	-1.34145	0.518696	0.680701	-1.46907	0.0408711	0.249675	4.00521	0.260657	0.501715	-1.99317	0.452267	0.637505	-1.56862	0.846834	1.1204	1.1204	0.481177	1.656429	-1.52339	0.995152	1.44741	4.86573	1
cg05891823	UBL5;UBL5	0.508198	0.351239	0.765985	-1.30571	0.878328	1.04592	1.04592	0.860585	1.05011	1.05011	0.315601	1.32119	1.32119	0.538795	1.1889	1.1889	0.595635	1.16058	1.16058	0.155484	0.655345	-1.52591	0.124828	0.630043	-1.58719	0.983451	0.99425	-1.00578	0.995147	1.21841	1.08831	1
cg19929409	PELI2	0.508199	0.57005	1.30087	1.30087	0.1049	2.28086	2.28086	0.367295	1.53867	1.53867	0.351731	1.56192	1.56192	0.44139	1.44091	1.44091	0.134267	2.11986	2.11986	0.537657	1.33694	1.33694	0.0934532	2.35954	2.35954	0.345229	1.57197	1.57197	0.995205	3.41238	3.04784	1
cg12908665	TRIM36 SERPINE1;SERPINE1;SERPINE1;SERPINE	0.508206	0.427672	1.36447	1.36447	0.564563	0.799725	-1.25043	0.110296	0.512807	-1.95005	0.761224	0.889623	-1.12407	0.818764	0.915691	-1.09207	0.820306	0.916392	-1.09124	0.335318	1.46415	1.46415	0.923747	1.03742	1.03742	0.121982	0.525575	-1.90268	0.995132	2.32098	2.07319	1
cg02273392	1	0.508213	0.273905	0.576994	-1.73312	0.398157	0.658466	-1.51868	0.168383	0.492148	-2.03191	0.270495	0.57455	-1.74049	0.606241	0.777915	-1.28549	0.588432	0.768067	-1.30197	0.0963071	0.414395	-2.41575	0.176939	0.499559	-2.00016	0.694315	1.21019	1.21019	0.995121	3.6769	3.28438	1
cg04655372	NFE2L1	0.508218	0.815625	1.04134	1.04134	0.727858	1.06245	1.06245	0.109119	1.35388	1.35388	0.472794	1.135	1.135	0.109824	1.35292	1.35292	0.230917	1.2435	1.2435	0.503067	1.12508	1.12508	0.224575	1.2476	1.2476	0.176214	1.2832	1.2832	0.995112	0.473938	0.423348	1
cg11757444	RPTOR;RPTOR	0.508221	0.64217	1.47388	1.47388	0.120238	2.30329	2.30329	0.103525	2.42335	2.42335	0.227115	1.30185	1.30185	0.0197704	1.74852	1.74852	0.275117	1.75423	1.75423	0.0197704	1.74852	1.74852	0.275117	1.75423	1.75423	0.638355	1.26406	1.26406	0.995106	1.86157	3.44939	1
cg16445596	DBNDD1;DBNDD1	0.508222	0.447773	0.735842	-1.35899	0.836022	1.08564	1.08564	0.424512	0.723716	-1.38176	0.160753	0.551954	-1.81714	0.288215	0.641699	-1.55836	0.334625	1.48365	1.48365	0.430347	1.35903	1.35903	0.176101	1.12886	1.12886	0.229833	0.606825	-1.64792	0.995104	2.47725	2.21284	1
cg14082737	TRIM60	0.508233	0.210609	0.51648	-1.93668	0.258924	0.71548	-1.39757	0.240857	0.21867	4.04705	0.0107968	0.1548	6.46064	0.0107968	0.1548	6.46064	0.0951158	0.0852458	-11.7338	0.0085211	0.1548	6.46064	0.0107968	0.1548	6.46064	0.0107968	0.1548	6.46064	0.995102	0.899862	0.812126	0.80397	1
cg26369315	GPR123 SLC39A14;SLC39A14;SLC39A14;SLC39A	0.5024	0.112804	0.606769	-1.64807	0.986177	0.994998	-1.00503	0.771751	0.919255	-1.08784	0.57634	0.849261	-1.17749	0.370985	0.766519	1.3046	0.738143	1.10199	1.10199	0.100667	1.68282	1.68282	0.660656	0.879968	-1.13641	0.909274	0.967543	-1.03355	0.995072	1.32036	1.17947	1
cg01032570	14	0.50825	0.576151	1.25969	1.25969	0.187687	1.08999	1.08999	0.735393	1.14873	1.14873	0.899228	1.05315	1.05315	0.138519	1.43502	1.43502	0.203562	1.7308	1.7308	0.451506	0.703685	-1.42155	0.0975	0.498509	-2.00598	0.332822	0.664731	-1.50437	0.995073	2.63336	2.3524	1
cg24438277	AP3D1;AP3D1	0.508251	0.756436	1.10021	1.10021	0.957493	0.983772	-1.0165	0.46142	1.25879	1.25879	0.267681	1.42536	1.42536	0.200294	1.51477	1.51477	0.16081	1.58376	1.58376	0.0832903	1.80131	1.80131	0.82698	0.935014	-1.0695	0.781041	0.918023	-1.0893	0.995054	1.48486	1.32644	1
cg26886194	ZNF408 EEF1D;EEF1D;TIGD5;EEF1D;EEF1D;EEF1	0.508263	0.916779	1.05509	1.05509	0.877968	1.13937	1.13937	0.327274	1.42569	1.42569	0.517817	0.802327	-1.24619	0.0475917	1.34827	1.34827	0.80057	1.08874	1.08874	0.738557	1.14025	1.14025	0.626732	0.847799	-1.17953	0.990409	0.977814	-1.0945	0.626732	0.847799	-1.17953	0.990409	0.977814	1.53844	1
cg22186533	D;EEF1D;EEF1D	0.508258	0.33319	1.18016	1.18016	0.141601	1.32945	1.32945	0.36484	1.1671	1.1671	0.990272	0.997979	-1.00203	0.675496	1.07236	1.07236	0.213663	1.24336	1.24336	0.354513	0.847752	-1.17959	0.523324	1.11331	1.11331	0.219753	1.2388	1.2388	0.995041	0.43938	0.387682	1
cg12467960	LRP5 RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAI N;RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RP	0.508262	0.902045	1.09476	1.09476	0.0599543	4.76092	4.76092	0.115127	3.52398	3.52398	0.745514	0.787062	-1.27055	0.933406	0.940402	-1.06338	0.43477	1.7967	1.7967	0.859913	0.878195	-1.1387	0.987409	1.01167	1.01167	0.706484	0.757173	-1.3207	0.995035	8.51961	7.61078	1
cg03193395	AIN;RPAIN;NUP88;RPA	0.508265	0.165088	0.65741	0.65741	0.680358	1.63747	1.63747	0.252804	4.2278	4.2278	?	?	?	0.252569	0.23634	-4.23119	0.485061	2.33451	2.33451	0.816815	0.758925	-1.31765	?	?	?	0.883203	0.839711	-1.19089	0.999859	16.5577	14.1943	1
cg02042872	CTTN;CTTN	0.508272	0.833271	0.888796	-1.12512	0.0430583	1.67502	1.67502	0.16129	2.38855	2.38855	0.54181	1.41251	1.41251	0.677576	1.26343	1.26343	0.437774	1.15582	1.15582	0.283115	1.94936	1.94936	0.772848	1.17569	1.17569	0.0690883	1.24463	1.24463	0.99502	4.92853	4.40284	1
cg06672317	ZNF682;ZNF682;ZNF682	0.508273	0.443114	1.15996	1.15996	0.848242	0.964299	-1.03702	0.715511	0.107193	1.07193	0.878571	1.02944	1.02944	0.0134374	1.28229	1.28229	0.138515	1.3534	1.3534	0.284252	0.809701	-1.23502	0.257086	0.798959	-1.25163	0.75372	1.06154	1.06154	0.995015	0.567452	0.506929	1
cg07844507	SLC19A1	0.508286	0.978078	0.989155	-1.01096	0.0622437	2.30017	2.30017	0.199691	1.71203	1.71203	0.992501	1.00374	1.00374	0.610693	1.22599	1.22599	0.181938	1.75465	1.75465	0.789612	1.11196	1.11196	0.867196	1.06867	1.06867	0.518066	0.77102	-1.29698	0.994992	2.48181	2.21716	1
cg25335435	SLC17A6	0.508305	0.725352	0.858858	-1.1676	0.0309365	0.474968	-2.10574	0.0183719	0.955643	-1.05189	0.627267	0.824792	-1.21249	0.0955997	0.824792	-1.21249	0.727257	1.07616	1.07616	0.846102	0.728805	-1.37216	0.0466258	0.72637	1.0873	1.0873	0.0459011	0.722354	-1.38456	0.0949958	0.2932	0.6196	1
cg07681875	QKI;QKI;QKI;QKI	0.508306	0.912499	1.02182	1.02182	0.916097	0.979517	-1.02091	0.782758	1.05578	1.05578	0.602978	0.902078	-1.10855	0.821613	0.956618	-1.04535	0.147384	1.35705	1.35705	0.171273	0.75121	-1.33119	0.281019	1.24614	1.24614	0.26322	0.795277	-1.25742	0.994957	0.607758	0.542368	1
cg13576095	PSMB7	0.508307	0.930859	1.03183	1.03183	0.713403	1.30603	1.30603	0.146531	1.14346	1.14346	0.732422	1.41367	1.41367	0.0940946	1.00773	1.00773	0.671282	1.13075	1.13075	0.540981	1.13271	1.13271	0.671282	1.13075	1.13075	0.540981	1.13271	1.13271	0.671282	1.13075	1.13075	0.540981	1.13271	1.13271	0.994957	0.607758	0.542368	1
cg23626860	MRPL23	0.508307	0.599797	1.25388	1.25388	0.394775	0.689036	-1.4513	0.202686	0.56286	-1.77664	0.867263	0.931012	-1.0741	0.980215	1.01065	1.01065	0.568952	1.27891	1.27891	0.123476	2.04009	2.04009	0.211304	1.75551	1.75551	0.964005	0.9809	-1.01947	0.994954	2.87759	2.57083	1
cg07245700	FAM57B	0.508321	0.754381	1.20494	1.20494	0.6090986	1.34742	1.34742	0.0546632	1.65014	1.65014	0.583181	1.38984	1.38984	0.718728	1.23966	1.23966	0.722716	1.2357	1.2357	0.70773	1.25072	1.25072	0.758758	1.21996	1.21996	0.8880406	0.919733	-1.08727	0.99493	5.56005	4.96745	1
cg19955500	NPR3	0.508345	0.818843	1.08353	1.08353	0.716154	1.48346	1.48346	0.132422	1.76906	1.76906	0.185278	0.814749	-1.22817	0.0794245	0.814749	-1.22817	0.745527	1.41757	1.41757	0.374962	1.03322	1.03322	0.923884	1.23574	1.23574	0.664268	0.994888	0.734265	1.26725	0.994888	0.734265	1.26725	0.994888	0.734265	1.26725	0.994935	0.736801	1
cg08367465	SLC25A10	0.508359	0.66735	0.843083	-1.18612	0.241657	0.616428	-1.62225	0.308122	0.659388	-1.51656	0.401488	1.40352	1.40352	0.238695	0.614371	-1.62768	0.350783	0.684465	-1.461	0.655791	1.19375	1.19375	0.58651	1.2421	1.2421	0.275487	1.56496	1.56496	0.994862	2.4555	2.19394	1
cg22031998	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.508378	?	?	0.368293	1.8171	1.8171	0.34849	0.536159	-1.86512	0.59209	0.704995	-1.41845	0.7751	0.830989	1.20338	0.176095	0.3947	-2.53357	0.232616	2.24561	2.24561	0.370808	0.552145	-1.81112	0.5186	0.655116	-1.52645	0.984796	5.79108	5.88049	1
cg15697935	HHAT;HHAT	0.508378	0.21548	0.642764	-1.55578	0.413754	0.753326	-1.32745	0.706218	1.13698	1.13698	0.476951	1.27783	1.27783	0.646801	0.855221	-1.1693	0.820651	0.925907	-1.08002	0.186227	1.60816	1.60816	0.552812	0.81582	-1.22576	0.18977	1.60135	1.60135	0.994826	1.81084	1.61801	1
cg14490804	SSH1;ANKRD13D;ANKRD13D	0.508393	0.179918	0.289227	-3.45599	0.0775607	0.877968	-1.13937	0.307274	0.42569	-2.35071	0.149605	0.704038	1.24628	0.0466838	1.31867	1.31867	0.43205	1.4812	1.4812	0.240552	1.82576	1.82576	0.766782	0.8644	-1.15687	0.0759769	2.63137	2.63137	0.994802	3.88195	3.37929	1
cg14319842	NFRKB;NFRKB MOG;MOG;MOG;MOG;MOG;MOG;MOG;M	0.508393	0.660756	1.10393	1.10938	0.824261	0.949067	-1.05367	0.428351	1.20931	1.20931	0.241403	1.33406	1.33406	0.717183	0.918242	-1.08904	0.974588	1.00751	1.00751	0.0579304	1.65506	1.65506	0.182202	1.39485	1.39485	0.440606	1.20303	1.20303	0.994802	0.870395	0.777728	1
cg01479031	OG;MOG;MOG;MOG;MOG	0.5084	0.799406	1.19675	1.19675	0.0740873	0.246515	-4.07142	0.25097	2.33046	2.33046	0.69781	1.31682	1.31682	0.760621	1.24053	1.24053	0.907681	1.08527	1.08527	0.206038	2.56222	2.56222	0.658337	1.36876	1.36876	0.639917	1.39423	1.39423	0.994789	7.83867	7.0042	1
cg06828418	FLOT1	0.508416	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1111 vs. N)	Fold-Change(1 vs.1111)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	Ratio(1221 vs. N)	Fold-Change(1 vs.1221)	Ratio(1231 vs. N)	Fold-Change(1 vs.1231)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5629 vs. N)	Fold-Change(1 vs.5629)	p-value(5633 vs. N)	Fold-Change(1 vs.5633)	F(Error	F(Treat	SS(Test)	SS(Error)	F(Error
cg07446674	PITPNM3;PITPNM3	0.508712	0.303871	0.683575	-1.4629	0.311057	0.687688	-1.45415	0.556435	0.808555	-1.23678	0.650742	0.17682	1.17682	0.306488	0.685079	-1.45969	0.295615	1.47322	1.47322	0.958433	1.01879	1.01879	0.176856	1.67002	1.67002	0.526762	1.25748	1.25748	0.99424	2.0096	1.79666	1
cg00063477	EIF1AY	0.508715	0.151742	0.81933	0.81933	0.216632	0.171629	-5.82653	0.934642	0.894775	-1.1176	0.544509	0.435411	-2.29668	0.611957	0.499833	-2.00067	0.182038	6.82198	6.82198	0.791228	1.41795	1.41795	0.99699	1.00513	1.00513	0.382735	0.297173	-3.36504	0.994234	28.9365	25.8705	1
cg18469036	DIP2C	0.508718	0.269101	1.61615	1.61615	0.69002	1.182	1.182	0.374963	0.683993	-1.462	0.614805	1.2357	1.2357	0.597022	0.800486	-1.24924	0.123334	2.00615	2.00615	0.295043	1.57293	1.57293	0.17385	1.82843	1.82843	0.874216	1.06831	1.06831	0.994229	2.73932	2.44908	1
cg02228185	ASPA;ASPA	0.508722	0.893756	0.898569	-1.11288	0.062496	0.186741	-5.35502	0.216031	0.352706	-2.83522	0.859389	0.867842	-1.1525	0.706995	0.739153	-1.35329	0.990824	0.990837	-1.00012	0.774244	1.25883	1.25883	0.23134	2.73159	2.73159	0.954614	0.955466	-1.04661	0.994221	10.088	9.0192	1
cg07364927	GAUNT2	0.508726	0.535113	1.32261	1.32261	0.420944	1.44195	1.44195	0.691396	0.836233	-1.1929	0.449376	1.40938	1.40938	0.154043	0.508873	-1.96513	0.7811	1.13203	1.13203	0.175027	1.90045	1.90045	0.929868	1.03996	1.03996	0.268809	0.598883	-1.66977	0.994215	3.12034	2.78977	1
cg10158181	GRK4;NOP14;GRK4;GRK4	0.508739	0.426662	1.13701	1.13701	0.445592	0.88426	-1.13089	0.226276	1.22262	1.22262	0.761923	0.95307	-1.04924	0.593037	1.08093	1.08093	0.487976	0.89443	-1.11803	0.080474	1.73586	1.73586	-1.35894	0.935806	0.987338	-1.01282	0.667765	0.933973	-1.07069	0.994192	0.394044	0.352308	1
cg08041091	SAE1;SAE1;SAE1;SAE1	0.508744	0.278802	0.646132	-1.54767	0.0552158	2.32329	2.32329	0.682348	1.17304	1.17304	0.917011	1.04125	1.04125	0.600765	1.22727	1.22727	0.965589	1.01687	1.01687	0.551559	0.791645	-1.26319	0.561379	1.2558	1.2558	0.348058	1.45458	1.45458	0.994183	2.36867	2.1178	1
cg26965642	SMPD1	0.508754	0.550659	1.14229	1.14229	0.645159	0.950877	-1.05166	0.722068	1.0962	1.0962	0.942956	1.01861	1.01861	0.606327	0.589569	-1.69904	0.282621	1.13324	1.13324	0.595756	0.873146	-1.14771	0.624063	1.15571	1.15571	0.318624	1.30412	1.30412	0.994176	1.04493	0.934263	1
cg00637095	SLC8A1	0.508749	0.118212	0.500397	-1.99841	0.119956	0.502308	-1.99081	0.463125	0.737249	-1.35639	0.998852	1.00059	1.00059	0.955656	0.977559	-1.02296	0.850643	0.925946	-1.07998	0.189818	0.567331	-1.76264	0.295547	0.642272	0.55097	0.571339	1.263	1.263	0.994175	2.62312	2.34533	1
cg08057899	PPT2;PPT2	0.508756	0.676457	0.944477	-1.05879	0.159394	0.814908	-1.22713	0.0514055	0.739423	-1.35241	0.241073	0.846161	-1.18181	0.981976	1.00308	1.00308	0.77801	0.96226	-1.03922	0.368627	0.881887	-1.13393	0.784434	1.03803	1.03803	0.630453	0.936149	-1.06821	0.994161	0.291723	0.260832	1
cg12207270	GLUL;GLUL;GLUL;GLUL	0.508764	0.715645	1.13938	1.13938	0.302094	0.681393	-1.46758	0.167034	0.715003	-1.39859	0.311588	1.4608	1.4608	0.072424	1.16645	1.16645	0.467549	1.30684	1.30684	0.0516468	2.04896	2.04896	0.655885	1.17629	1.17629	0.982208	0.99196	-1.00801	0.994148	2.66354	1.84506	1
cg02786368	ORC2L	0.508777	0.840872	0.957835	-1.04402	0.871843	0.965995	-1.0352	0.896166	0.972408	-1.02838	0.96044	1.01735	1.01735	0.18639	0.740682	-1.35011	0.861713	1.03807	1.03807	0.103479	1.46463	1.46463	0.310864	0.798761	-1.25194	0.247756	0.771861	-1.29557	0.994137	0.723034	0.646487	1
cg07725297	CLCN6;CLCN6	0.508777	0.848353	0.960427	1.05407	0.14098	1.54581	1.54581	0.792756	1.07513	1.07513	0.268761	1.34482	1.34482	0.310883	0.749452	-1.33431	0.41043	1.26055	1.26055	0.38767	1.27578	1.27578	0.338494	0.712013	1.40447	0.918715	0.972311	-1.02848	0.994125	1.19135	1.06523	1
cg11495240	B4GALNT3	0.508777	0.0819405	1.732806	-1.36402	0.456905	0.884975	-1.12997	0.255344	1.2111	1.2111	0.830145	0.840993	-1.18907	0.774277	1.04747	1.04747	1.211	0.405272	0.871947	-1.14686	0.707992	0.94112	-1.06256	0.778665	1.04649	1.04649	0.459458	0.88051	-1.12916	0.994124	0.409558	0.365204	1
cg20308511	SAT1;SAT1	0.508779	0.454346	0.573396	-1.73191	0.148515	0.327126	-3.05056	0.357199	1.07982	1.07982	0.152383	0.31854	3.01854	0.544588	0.86811	-1.15193	0.315831	0.473599	-2.11149	0.798714	1.2022	1.2022	0.739105	0.786258	-1.27185	0.771209	1.23384	1.23384	0.994122	8.17697	7.3114	1
cg19443090	ZNF212;ZNF213	0.508778	0.503722	1.12734	1.12734	0.183284	1.4409	1.4409	0.44248	0.826186	-1.21038	0.695947	0.904026	-1.09406	0.87381	0.954273	-1.03705	0.692606	0.912521	-1.09538	0.618671	0.725851	-1.3769	0.522278	0.862052	-1.16002	0.107535	0.732136	-1.36587	0.99412	0.824923	0.737602	1
cg14968553	GAUNT10	0.508781	0.396566	0.76123	-1.31366	0.432832	0.777601	-1.28601	0.393082	0.759623	-1.31645	0.766135	0.910523	-1.09827	0.906098	0.963595	-1.03778	0.789039	1.08793	1.08793	0.497038	1.24196	1.24196	0.0852698	1.81828	1.81828	0.288339	0.707229	-1.41397	0.994118	1.5549	1.39031	1
cg05800761	ZNF532	0.508786	0.845891	0.965853	-1.1556	0.124788	3.49329	3.49329	0.702347	1.33024	1.33024	0.701956	0.751444	-1.33077	0.154139	0.323815	-3.10737	0.640253	0.70969	-1.40907	0.302544	2.21164	2.21164	0.862723	0.879307	-1.13726	0.368008	1.98634	1.98634	0.994109	8.69612	7.77569	1
cg09275986	NPHP4	0.508793	0.907312	0.952952	-1.04937	0.329725	0.659569	-1.51614	0.161535	0.538718	-1.85626	0.555219	0.78122	-1.28005	0.049269	0.595128	-1.52858	0.582803	0.794909	-1.25801	0.556249	0.781733	-1.27921	0.753071	1.13940	1.13940	0.29649	0.638988	-1.56497	0.994104	2.69529	2.41002	1
cg22653665	C2orf34	0.508797	0.575894	1.17769	1.17769	0.145887	1.57116	1.57116	0.976236	0.991417	-1.00866	0.229073	1.4409	1.4409	0.11507	1.6419	1.6419	0.876056	1.04621	1.04621	0.120393	1.62827	1.62827	0.595323	1.16781	1.16781	0.836947	0.942108	-1.06145	0.994102	1.31857	1.17901	1
cg25661979	OLIG2	0.508799	0.207945	0.546284	-1.83288	0.030079	0.259373	-3.8557	0.244245	1.93033	1.93033	0.634851	-1.57197	0.910723	0.14546	1.09253	1.09253	0.221196	1.79881	1.79881	0.148496	2.84255	2.84255	0.0504132	1.41652	1.41652	0.994101	3.27874	2.93173	1
cg25940844	MAP3K15	0.508799	0.164496	0.107979	-9.25203	0.913842	-1.09428	0.974837	1.04847	1.04847	0.184526	8.26698	8.26698	0.393706	3.71047	3.71047	0.134142	0.088393	-11.2943	0.884931	1.24275	1.24275	0.936461	1.12711	1.12711	0.937229	0.888514	-1.12547	0.994087	35.46	31.7075	1
cg07149255	DEPDC1B;DEPDC1B	0.508804	0.889203	1.01636	1.01636	0.749014	0.919457	1.08776	0.0134855	0.677	1.47779	0.344597	0.884229	-1.13067	0.149811	1.19091	1.19091	0.867743	1.08074	1.08074	0.0812114	1.01214	1.01214	0.0973239	0.947466	-1.05545	0.642804	0.945507	-1.05763	0.994077	0.813345	0.72677	1
cg27572510	ACACA;ACACA;ACACA;ACACA;ACACA	0.508814	0.96815	0.967114	-1.034	0.148967	1.65538	1.65538	0.0567564	0.68557	0.68557	0.83331	1.19304	1.19304	0.565725	0.614929	1.6262	0.781084	1.26278	1.26278	0.549889	1.65975	1.65975	0.533207	0.589459	-1.69647	0.984401	1.01651	1.09406	1.04024	9.87416	1
cg11542224	TOX	0.508818	0.8791	1.05033	1.05033	0.288202	0.740784	-1.3512	0.0643487	0.76301	1.76301	0.24793	1.80523	1.80523	0.645824	1.25394	1.25394	0.341559	1.61466	1.61466	0.146086	0.846162	1.90938	1.90938	-1.09965	0.216478	1.88893	1.88893	0.921037	0.95267	-1.04968	0.624184	1.27312	1.27312	0.993972	3.76458	3.36659	1
cg10054127	NECAB3;NECAB3	0.508867	0.278856	1.51872	1.51872	0.935839	1.03033	1.03033	0.986804	0.993881	-1.00656	0.901273	1.04714	1.04714	0.54138	0.794968	-1.25791	0.208695	0.611488	-1.63536	0.201941	1.63215	1.63215	0.238041	0.63211	-1.582	0.363167	1.41461	1.41461	0.993966	2.16834	1.93912	1
cg05737295	PIGN;PIGN	0.508868	0.537129	1.2027	1.2027	0.838877	0.91067	1.09837	0.629	0.914296	1.09343	0.0265053	1.76366	1.76366	0.314133	2.7606	2.7606	0.182564	0.815667	1.22589	0.492255	0.821415	1.10851	1.10851	0.771935	0.875969	1.14159	1.14159	0.492255	0.55	1.81826	1.81826	0.992291	2.29229	1
cg01130127	CLEC11A	0.508876	0.288607	0.693281	-1.44242	0.787331	0.914007	-1.09408	0.370109	1.35722	1.35722	0.192237	0.631920	-1.58246	0.457777	0.777687	-1.28586	0.137905	0.587875	-1.70104	0.5558

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg07371052	VPS8;VPS8	0.50943	0.863618	0.757297	-1.02533	1.258403	1.18716	1.18716	0.773157	1.04295	1.04295	0.233819	1.19913	1.19913	0.893222	-1.01973	1.01973	0.158067	1.24554	1.24554	0.1462	1.25476	1.25476	0.319361	0.860268	-1.16243	0.747751	1.04807	1.04807	0.992975	0.332884	0.297991	1
cg06757383	PRKCZ;PRKCZ	0.50431	0.747126	1.1924	1.1924	1.206247	2.06508	2.06508	0.535029	1.40735	1.40735	0.713112	0.818021	-1.22246	0.0774324	0.343812	1.90857	0.331566	0.579906	-1.72442	0.533908	0.722039	-1.38497	0.911915	1.06204	1.06204	0.742039	0.835554	-1.19681	0.992971	1.65269	4.165	1
cg23159857	PSMC3 TMEM189;TMEM189;TMEM189;TMEM	0.50432	0.8617	1.05682	1.05682	0.197479	0.649368	-1.53996	0.107218	0.572787	-1.74585	0.499496	0.804731	-1.24265	0.69764	0.883617	-1.13171	0.275321	1.43287	1.43287	0.282878	0.702134	-1.42423	0.530888	0.817767	-1.22284	0.42104	0.770659	-1.29759	0.99297	1.57958	1.41401	1
cg23814388	189-UBE2V1	0.50943	0.256813	1.61237	1.61237	0.827477	1.09209	1.09209	0.127602	0.51439	-1.94405	0.727354	1.15174	1.15174	0.535328	0.776172	-1.28837	0.801547	1.107	1.107	0.5423407	0.291849	1.55495	1.55495	0.440841	1.37336	1.37336	0.992969	2.56205	2.2935	1
cg01636541	TME M111	0.50441	0.730614	0.88193	-1.13388	0.483959	0.772147	-1.29509	0.73807	0.885145	-1.12976	0.0214596	0.366277	-2.73017	0.623828	0.835532	-1.19684	0.876104	0.944861	-1.05836	0.756522	0.8590991	-1.1197	0.762598	1.11642	1.11642	0.979685	1.0093	1.0093	0.992955	2.07815	1.86035	1
cg18126027	SLC22A3	0.50448	0.112295	0.474195	-2.10884	0.093731	0.451391	-2.21537	0.399509	0.689208	-1.45094	0.349071	1.5159	1.5159	0.550706	0.770638	-1.29763	0.882842	0.938345	-1.06571	0.808373	1.11055	1.11055	0.671695	0.831956	-1.20199	0.716414	0.854331	-1.17051	0.9929 42	2.92884	2.62192	1
cg25880288	MIR2;MIR2;MIR2;MIR2;MIR2;MIR2	0.50457	0.844972	0.949983	-1.05265	0.120414	0.645239	-1.55463	0.663478	1.19141	1.19141	0.144249	0.605303	-1.50852	0.772832	1.07882	1.07882	0.136504	0.656747	-1.52266	0.615307	0.879533	-1.13674	0.820073	0.942035	-1.06153	0.490431	0.832266	-1.20154	0.992927	1.08034	0.967138	1
cg02527372	MTJP	0.50465	0.241254	0.395452	-2.52875	0.271967	0.421132	-2.37455	0.268811	0.658535	-1.28929	0.309227	0.451598	-2.21632	0.129702	0.28996	-3.44875	0.156764	0.318089	-3.14377	0.157532	0.318856	-3.13621	0.281581	0.428991	-2.33105	0.357122	0.488584	2.04673	0.992913	0.994 16	0.805187	1
cg23646383	BCAR3	0.50472	0.696728	0.928051	-1.07753	0.680827	0.924178	-1.08204	0.186323	0.765596	-1.30657	0.252836	0.796366	-1.2557	0.234433	0.788506	-1.26822	0.589986	1.10928	1.10928	0.0974672	0.707024	-1.41438	0.912171	1.02126	1.02126	0.624262	1.09869	1.09869	0.9929	0.571539	0.511668	1
cg03014680	CLEC12A;CLEC12A	0.50473	0.375842	0.795614	-1.25662	0.65205	0.65205	-1.53372	0.453249	0.65205	-1.53372	0.453249	0.65205	-1.53372	0.453249	0.639278	1.1263	1.1263	0.463949	0.824915	-1.21225	0.917345	1.09577	1.09577	0.173584	0.694795	-1.43927	0.992809	0.995216	0.890664	1
cg03490115	INO80B	0.50474	0.636376	1.08922	1.08922	0.185997	1.28614	1.28614	0.491751	0.882216	-1.13351	0.238884	0.801425	-1.24778	0.0955652	1.38885	1.38885	0.840644	1.03679	1.03679	0.98271	0.988227	-1.01089	0.737351	1.05269	1.05269	0.589497	1.1027	1.1027	0.992897	0.506457	0.453405	1
cg00862394	ZNF697	0.50474	0.795739	0.895456	-1.16392	0.127438	2.61069	2.61069	0.373348	1.93496	1.93496	0.300983	1.82045	1.82045	0.409526	0.611123	-1.6362	0.233746	2.07585	2.07585	0.281107	0.92426	1.02426	1.02426	0.54666	1.80982	1.80982	0.761796	1.19419	1.19419	0.992862	5.36813	4.80597	1
cg15935877	TSPY1;TSPY4	0.50498	0.178694	8.34101	8.34101	0.950963	0.765009	-1.30717	0.75181	0.624347	-1.60167	0.250236	0.167988	-5.9528	0.228524	0.115146	-6.52974	0.286463	5.1728	5.1728	0.388993	3.70887	3.70887	0.761929	0.57005	0.57005	0.622315	0.478484	-2.08093	0.992853	34.6615	31.032	1
cg05893072	IRS4	0.50504	0.139865	0.039795	-25.2019	0.625695	0.368374	-2.71463	0.872702	0.721995	-1.38506	0.187167	1.17175	1.17175	0.771021	1.80911	1.80911	0.227892	0.674444	-1.48148	0.72	?	?	0.445351	0.205888	-4.85701	0.733813	0.499879	-2.00048	0.992877	57.0953	58.0963	1
cg21190361	DNAI1;C9orf25	0.50518	0.337552	0.622626	1.60651	0.693921	1.21035	1.21035	0.756229	1.16093	1.16093	0.592142	0.775754	1.29582	0.318071	0.465274	-2.14938	0.669594	0.84087	-1.22837	0.545664	0.746486	-1.33961	0.0745563	0.385995	-2.5907	0.253542	0.564735	-1.77074	0.992819	3.12682	2.23265	1
cg23747104	PRCC;PRCC	0.50538	0.690485	1.04649	1.04649	0.309833	1.12671	1.12671	0.0523969	1.28458	1.28458	0.797867	1.02956	1.02956	0.163927	1.18368	1.18368	0.482792	0.922216	-1.08434	0.930042	1.01002	1.01002	0.764396	1.03471	1.03471	0.587209	1.06421	1.06421	0.992784	0.202642	0.181435	1
cg01020095	PRKCD;PRKCD	0.50548	0.342023	1.3441	1.3441	0.236108	0.687281	-1.45507	0.998513	1.00056	1.00056	0.727419	0.899694	-1.11149	0.0928277	1.74802	1.74802	0.548118	0.832291	-1.2015	0.860854	1.05443	1.05443	0.787601	1.04809	1.04809	0.323311	0.734808	-1.3609	0.992766	1.43461	1.2845	1
cg02873990	SRC;SRC	0.50554	0.512404	0.86971	-1.14935	0.77226	0.942161	-1.06139	0.0416568	0.630587	-1.63777	0.557133	1.1327	1.1327	0.293607	0.79547	-1.25712	0.7084	0.92411	-1.08212	0.481258	0.722	1.38498	0.0295904	0.313608	-3.18907	0.0915	0.0915	0.992752	0.693845	0.621254	1
cg00694315	TAS2R40	0.50556	0.0714697	0.493932	-2.27619	0.695627	0.851584	-1.17428	0.841743	0.921561	-1.08512	0.569879	1.26447	1.26447	0.985022	1.0077	1.0077	0.655398	1.20146	1.20146	0.243475	1.64654	1.64654	0.277783	0.630541	-1.58594	0.769666	1.12972	1.12972	0.992746	2.62516	2.35052	1
cg22366618	MAOA	0.50564	0.280744	0.339072	-2.94923	0.313284	0.578	-1.72989	0.622851	-1.61069	0.157078	0.284482	0.44148	-2.26479	0.0618967	0.673109	1.4593	0.279079	0.338361	-2.95542	0.377469	0.508444	-1.31433	0.546875	0.615577	-1.6256	0.593203	0.594258	-1.68277	0.992734	1.64309	1.31005	1
cg07100771	UCP1	0.50574	0.747515	0.712923	-1.40268	0.571263	1.82108	1.82108	0.326391	2.89077	2.89077	0.979551	0.97325	-1.02749	0.938932	1.08358	1.08358	0.683771	0.651137	-1.53578	0.78581	1.33026	1.33026	0.0315964	1.14206	1.14206	0.444565	2.2626	2.2626	0.99272	17.2564	15.4515	1
cg16418793	YAP1;YAP1	0.50583	0.230968	2.59549	2.59549	0.248559	0.583381	-1.78829	0.0247693	1.37443	1.37443	0.0127	0.565756	-1.76852	0.0136336	1.77019	1.77019	0.365904	0.940761	-1.06283	0.413635	0.654794	-1.52772	0.444443	1.27643	1.27643	0.12067	0.810488	0.548888	1.23	24.4106	1
cg08021508	COL9A3	0.50579	0.759718	1.15718	1.15718	0.0925405	2.41312	2.41312	0.929509	1.043	1.043	0.720649	0.842929	-1.18634	0.469409	0.704513	1.41942	0.546092	1.33737	1.33737	0.14809	2.09245	2.09245	0.235991	0.80571	1.80571	0.803659	1.888216	1.12585	0.992711	3.56034	3.18798	1
cg07783236	DDRGK1;DDRGK1	0.50582	0.501662	1.18338	1.18338	0.500593	1.18389	1.18389	0.212964	1.37574	1.37574	0.584618	0.87258	-1.14603	0.27141	1.32671	1.32671	0.792526	1.06725	1.06725	0.29891	0.766564	-1.30452	0.59327	0.875367	-1.14238	0.199902	0.715797	-1.39704	0.992709	0.958504	0.858261	1
cg14209299	ST6GAL2;ST6GAL2;ST6GAL2	0.50581	0.15782	0.680993	-1.46901	0.59111	0.835425	-1.19707	0.387741	1.34115	1.34115	0.313056	0.790255	-1.26552	0.30043	?	?	0.4881	1.26307	1.26307	0.563083	0.704574	1.10374	1.10374	0.942648	0.976508	-1.02406	0.214222	1.54276	1.54276	0.992631	1.52076	1.54764	1
cg06373764	SLC16A9	0.50583	0.914282	0.971184	-1.02967	0.376666	0.781642	-1.27936	0.702215	0.960937	-1.10995	0.653072	1.13074	1.13074	0.0562395	0.556025	-1.79848	0.586775	1.16071	1.16071	0.238051	0.734897	-1.3988	0.277779	0.736021	-1.35866	0.668151	0.889485	-1.12425	0.992705	1.15943	1.03818	1
cg13047511	PAK4;PAK4;PAK4;PAK4;PAK4	0.50583	0.347353	0.603993	-1.65592	0.673333	0.74726	-1.33874	0.724726	0.972015	1.00056	1.00056	0.724719	0.899694	-1.11149	0.0928277	1.74802	0.548118	0.832291	-1.2015	0.860854	1.05443	1.05443	0.787601	1.04809	1.04809	0.323311	0.734808	-1.3609	0.992766	1.43461	1.2845	1
cg11661234	RUM;RUM	0.50599	0.35998	1.527048	-1.89736	0.978504	0.1085	1.0185	0.81631	1.17157	1.17157	0.074657	0.34981	1.53498	0.185586	1.04192	1.04192	0.47529	0.610157	-1.63892	0.855884	0.883399	-1.13199	0.97311	0.977323	-1.0232	0.839523	0.11558	1.15158	0.992676	2.28081	0.51958	1
cg06934394	NALCN	0.50606	0.869264	0.938569	-1.06545	0.512578	1.29124	1.29124	0.331022	0.679761	-1.47111	0.878644	1.06057	1.06057	0.628818	0.829057	-1.20619	0.464073	1.33216	1.33216	0.0588858	2.273	2.273	0.428728	1.36469	1.36469	0.562122	0.798056	-1.25304	0.992674	2.32876	2.08528	1
cg00960454	PMCA	0.50624	0.380754	1.05435	1.05435	0.34926	0.325456	-3.07129	0.0855	0.830636	0.325456	-3.07129	0.0855	0.830636	0.325456	-3.07129	0.0855	0.674705	1.025	1.025	0.9656582	1.2398	1.2398	0.225822	0.565403	-1.76837	0.173467	0.522515	-1.91382	0.992667	3.1604	3.82788	1
cg12098511	JAKMIP3	0.50625	0.662714	0.746431	-1.34295	0.545083	1.50906	1.50906	0.547054	0.644393	-1.55013	0.807651	1.17807	1.17807	0.280268	0.12565	2.12565	0.383181	1.8236	1.8236	0.0938142	0.289975	-3.44857	0.797533	0.18853	1.18853	0.316982	0.499065	-2.00375	0.992631	7.09646	6.35479	1
cg00680094	TTL	0.50643	0.119487	0.423983	-2.35843	0.0885	0.283262	-3.52962	0.0185	0.514842	-1.94238	0.227327	0.32287	-3.09662	0.0185	0.514842	-1.94238	0.194005	0.940761	-1.06283	0.413635	0.654794	-1.52772	0.444443	1.27643	1.27643	0.12067	0.810488	0.548888	1.23	24.4106	1
cg13805052	LOC100129534;MORN1	0.50638	0.710369	0.911851	-1.09667	0.415705	0.814001	-1.2285	0.230185	1.36537	1.36537	0.504627	1.18234	1.18234	0.61826	0.883133	-1.13233	0.916008	0.97424	-1.02644	0.130578	1.49765	1.49765	0.149482	1.46569	1.46569	0.809552	1.06155	1.06155	0.992608	0.962071	0.861543	1
cg19584075	COX7B;COX7B	0.50664	?	?	?	0.206897	0.124992	-8.00054	0.780751	0.646674	-1.54638	0.271252	0.58544	0.580588	0.925706	-1.08026	1.08026	0.128617	0.0768579	-13.011	?	?	?	0.772948	1.57136	1.57136	0.966091	1.06867	1.06867	0.969661	29.1519	34.3588	1
cg26104591	SLC38A10;SLC38A10	0.50669	0.0633628	0.398199	-2.51133	0.532181	0.756503	-1.32187	0.823781	0.966363	-1.03436	0.777086	0.987413	-1.01275	0.393664	1.2536	1.2536	0.158819	0.512809	-1.95004	0.464833	0.720313	-1.38828	0.43172	0.896309	-1.49614	0.21396	0.576783	-1.73375	0.992571	3.05754	2.73815	1
cg20118957	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.50669	0.470281	0.911095	-1.09758	0.236001	0.17048	1.17048	0.111286	1.24594	1.24594	0.478736	1.09558	1.09558	0.138566	1.224	1.224	0.37424	1.12256	1.12256	0.788529	0.966496	-1.03467	0.929279	0.988811	-1.01132	0.891651	1.01743	1.01743	0.992553	0.252589	0.226209	1
cg25976257	PHF21B;PHF21B	0.50675	0.347602	1.5139	1.5139	0.5655	0.2071	-1.60633	0.877103	1.06291	1.06291	0.223955	0.63019	-1.58703	0.0796254	1.26264	1.26264	0.597684	1.22552	1.22552	0.107186	2.51325	2.51325	0.0155	1.22297	1.22297	0.0915514	0.995054	1.04006	1.04006	0.992504	1.22646	1
cg13539986	SNX6;SNX6	0.50678	0.877649	1.25204	1.25204	0.564342	0.427332	-2.3401	0.460421	2.9937	2.9937	0.451585	0.36181	3.06181	0.159898	8.93884	8.93884	0.1394	2.098198	-10.1835	0.550597	2.41349	2.41349	0.621112	2.06873	2.06873	0.404932	2.288433	3.46701	2.992537	33.4628	29.9683	1
cg21930251	CENPB	0.50681	0.466452	1.13011	1.13011	0.161804	0.781446	-1.27968	0.662529	0.930074	-1.07518	0.702355	0.938585	-1.06543	0.766137	1.05047	1.05047	0.875995	0.974551	-1.02611	0.299307	0.8373	-1.19432	0.178738	0.789924	-1.26594	0.117795	0.755493	-1.32364	0.992531	0.428354	0.383624	1
cg24697501	SPDYE6	0.50684	0.129813	0.555902	-1.79867	0.673334	0.726126	-1.37674	0.722265	0.945828	1.06291	1.06291	0.223955	0.63019	-1.58703	0.0796254	1.26264	0.597684	1.22552	1.22552	0.107186	2.51325	2.51325	0.0155	1.22297	1.22297	0.0915514	0.995054	1.04006	1.04006	0.992504	1.22646	1
cg03047616	DNER	0.5097	0.178839	0.26389	-3.78946	0.890561	0.13703	-3.13703	0.940551	1.07205	1.07205	0.499344	0.479164	-2.08697	0.0569303	0.134029	-7.46107	0.480623	0.512336	-1.95184	0.184986	0.269451	-3.71125	0.796014	0.785328	-1.27335	0.419094	0.462956	-2.16003	0.992499	13.6777	12.2499	1
cg26613305	KDSR	0.50703	0.515328	0.849554	-1.17727	0.59111	0.835425	-1.19707	0.387741	1.34115	1.34115	0.313056	0.790255	-1.26552	0.30043	?	?	?	?	?	?	?	?	?	?	?	?	0.10287	0.0728	0.992443	0.500985	0.450811	1
cg17859187	TIPIL;TIPIL	0.50713	0.483295	0.761928	-1.31246	0.23457	0.621556	-1.60886	0.851476	0.930963	-1.07416	0.0889295	0.48868	-2.04633	0.655903	0.18668	1.18668	0.19387	0.591775	-1.68983	0.648392	1.1915	1.1915	0.507766	1.29233	1.29233	0.986832	0.993731	-1.00632	0.992475	0.289052	0.25056	1
cg20997157	MAP3K5;MAP3K5	0.50723	0.815999	1.10911	1.10911	0.613772	1.22533	1.22533	0.226956	1.66996	1.66996	0.38515	1.56346	1.56346	0.415137	0.704284	-1.41986	0.239697	0.595619	-1.67893	0.262808	0.581363	-1.72009	0.0966	0.581363	-1.72009	0.0966	0.742418	1.12021	0.992493	0.50923	0.448877	1
cg02533120	SOD1	0.50722	0.870716	0.956954	-1.04491	0.506046	1.09944	1.09944	0.1672	1.16012	1.16012	0.0908	0.656333	1.52361	0.0908	0.656333	1.52361	0.767649	1.01102	1.01102	0.048773	1.72445	1.72445	0.0443	1.63867	1.63867	0.362068	1.28798	1.28798	0.597327	1.1549	1.1549	0.992436	1.70305	1.03735	1
cg21909012	PAIP2B	0.50725	0.874905	1.02436	1.02436	0.334476	0.858952	-1.16421	0.919205	0.984621	-1.01562	0.683193	1.06468	1.06468	0.0765135	1.35116	1.35116	0.275385	0.840861	-1.18926	0.439676	1.12793	1.12793	0.462807	1.12093	1.12093	0.567964	1.09217	1.09217	0.992455	0.360733	0.328663	1
cg00939689	MAD1L1;MAD1L1;MAD1L1	0.50727	0.586716	1.08255	1.08255	0.379	1.06551	1.06551	0.0836636	1.47244	1.47244	0.113494	1.76688	1.76688	0.111494	1.38262	1.38262	0.226328	1.15671	1.15671	0.468595	1.30982	1.30982	0.0911504	1.64617	1.64617	0.157046	1.23948	1.23948	0.992465	0.25151	0.2058	1
cg16142349	RPS6KA2;RPS6KA2	0.50731	0.972393	1.02686	1.02686	0.191805	2.88114	2.88114	0.129254	3.50903	3.50903	0.421945	0.533541	-1.87427	0.203117	0.357412	2.79789	0.824569	1.843646	-1.18533	0.718717	0.758064	-1.31915	0.840958	1.16634	1.16634	0.615845	0.678805	-1.47318	0.992443	2.21831	1.82564	1
cg02584377	BCL2L;BCL7A	0.50738	0.264192	0.703176	-1.42205	0.887976	1.10438	1.10438	0.741251	1.10606	1.10606	0.0549667	0.515842	-1.93858	0.427766	0.78172	-1.27925	0.772743	0.915691	-1.09207	0.39122	0.736672	-1.35634	0.952301	0.981969	-1.01836	0.218337	0.674462	-1.48266	0.992412	1.54323	1.3025	1
cg05799088	PRKD1L2	0.50746	0.509907	1.542857	1.84211	0.810086	0.804401	-1.24316	0.841879	0.626487	-1.59621	0.236687	0.316908	-3.15549	0.877055	0.748567	-1.33595	0.736444	0.734361	-1.36173	0.107564	0.97811	-1.02268	0.217405	0.305447	-3.27388	0.150616	0.386456	-2.58468	0.992418	13.128	11.7385	1
cg07096801	NDEL1;NDEL1	0.50746	0.318862	1.21556	1.21556	0.378088	1.18692	1.18692	0.340568	1.20234	1.20234	0.216419	0.781554	-1.2795	0.537439	1.1256	1.1256	0.095319	1.145115	1.145115	0.950256	0.988248	-1.01189	0.633683	1.09523	1.09523	0.455242	1.15501	1.15501	0.992417	0.564313	0.505444	1
cg17021880	AGRN	0.50775	0.351843	1.03852	1.03852	0.214591	0.741571	-1.34565	0.460477	1.5468	1.5468	0.299295	1.03017	1.03017	0.0906313	1.2042	1.2042	0.598842	1.02604	1.02604	0.820016	0.572489	-1.74676	0.0997168	0.847105	1.18048	0.302007	0.742627	1.34707	1.34707	0.992397	2.76138	1
cg21220536	TTC30B	0.50757	0.783689	1.21558	1.21558	0.392323	0.53658	-1.86365	0.592275	0.681179	-1.46804	0.561755	1.51704	1.51704	0.197874	0.37777	-2.64711	0.134227	0.313867	-3.18606	?	?	?	0.897741	1.09548	1.09548	0.355591	0.967613	1.96763	1.96763	0.99402	0.88993	0.606496	1
cg07839371	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.50759	0.4707	0.660999	-1.51286	0.204924	0.460965	-2.12782	0.624775	0.758321	-1.3187	0.519383	0.691614	-1.44589	0.0510451	0.828208	-1.50621	0.329607	0.690665	-1.44793	0.225352	0.321042	-3.78388	0.290965	0.543916	-1.83852	0.402061	0.618207	-1.61758	0.992395	5.00923	4.48877	1
cg05668351	CTNNA3;CTNNA3	0.50759	0.462699	0.539364	-1.85404	0.524298	0.161792	-6.18076	0.448758	0.528615	-1.89174	0.483981	1.79929	1.79929	0.38771	0.474346	2.10817	0.250755	1.29541	1.29541	0.263343	1.28594	1.28594	0.871832	1.03544	1.03544	0.162755	1.37902	1.37902	0.992367	0.731075	0.654842	1
cg03630272	ADAM32	0.50773	0.080171	0.473346	-2.11407	0.0483933	0.1644	-2.38564	0.0184503	0.312981	-1.99531	0.127789	0.506744	-1.97433	0.282623	-1.13387	0.519383	0.80547	1.08101	1.08101	0.986208	1.00852	1.00852	0.525205	1.2905	1.2905	0.376383	1.59964	1.59964	0.992324	4.21749	3.77782	1
cg19816667	DNAC22	0.50792	0.804096	0.941664	-1.06195	0.762742	0.929394	-1.07597	0.763192	0.929528	-1.07582	0.588208	0.87616	-1.14134	0.037404	0.557582	-1.79346	0.427338	0.82014	-1.21652	0.167844	0.700458	-1.42689	0.249854	0.747639	-1.33754	0.525714	0.855979	-1.16825	0.992336	0.919243	0.823416	1
cg23093741	AVEN;CHRM5	0.50795	0.326466	1.23475	1.23475	0.364152	0.275553	-1.76456	0.597209	0.814573	-1.22793	0.0309359	0.226934	2.91469	0.0178453	0.330559	2.26934	0.191403	1.25828	1.25828	0.284993	0.963462	1.96362	1.96362	0.0191113	1.5574	3.5574	0.0382653	1.96863	1.05774	0.992351	1.7161	1.43412	1
cg22378459	TNNT3;TNNT3;TNNT3;TNNT3	0.50803	0.469256	1.49886	1.49886	0.69115	1.24545	1.24545	0.952915	1.03299	1.03299	0.92964	0.952617	-1.04974	0.227402	2.00675	2.00675	0.208505	1.07259	1.07259	0.0618144	3.17752	3.17752	0.250045	1.93618	1.93618	0.757599	0.843525	-1.1855	0.992318	0.743842	4.2534	1
cg08628542	TMUB1;TMUB1	0.50805	0.277737	0.86318	-1.16228	0.959089	1.00686	1.00686	0.214388	0.840174	-1.19023	0.987111	0.99785	-1.00215	0.99669	0.931875	-1.0731	0.247361	0.851176	-1.17485	0.185571	0.829433	-1.20564	0.0805319	0.77241	-1.29465	0.841606	1.02702	1.02702	0.992311	0.278947	0.249875	1
cg20097426	RPS14;RPS14;RPS14	0.50815	0.167733	0.53858	-1.85722	0.419171	1.54565	1.54565	0.400477	1.5468	1.5468	0.18057	0.803824	-1.24405	0.272152	0.71943	-1.39003	0.376014	1.1634	1.1634	0.144643	0.647568	-1.54356	0.0597152	0.521732	0.867038	0.102642	1.02042	1.02042	0.992305	0.47347	0.39797	1
cg08412351	ADAMTS3	0.50818	0.30898	0.482112	-2.07421	0.717446	1.28636	1.28636	0.306311	2.08318	2.08318	0.84941	1.14078	1.14078	0.16997	0.363194	-2.75335	0.222136	0.411031	-2.4329	0.262384	0.446972	-2.24733	0.309558	0.482561	-2.07228	0.956251	0.9627	-1.03875	0.992301	7.54574	6.75936	1
cg03837685	CYP1P1;CYP1P1	0.50822	0.466567	1.04224	1.04224	0.0483933	1.44	1.44	0.374603	2.67469	2.67469	0.608991	0.838551	-1.19227	0.871208	0.861353	-1.16052	0.925655	0.91926	-1.08779	0.682545	0.44882	1.44882	0.0979205	0.0021	1.0021	0.0018218	0.59946	0.615206	-1.62547	0.992283	12.7743	11.4433	1
cg24561411	TRRAP	0.50828	0.335937	0.794377	-1.25885	0.603403	1.1291	1.1291

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1048 vs. N)	Fold-Change(1048 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1531 vs. N)	Fold-Change(1531 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	p-value(5630 vs. N)	Fold-Change(5630 vs. N)	F(Error
cg24608700	IDE	0.510194	0.958225	0.970431	1.030471	0.302114	0.661024	-1.5128	0.511079	1.293575	1.2013202	1.68636	1.68636	0.158538	1.79257	1.79257	0.813614	1.095777	1.095777	0.7204983	1.14657	1.14657	0.2619975	1.572393	1.572393	0.1797797	1.783615	1.783615	0.9916129	2.35489	2.1111	1
cg03498175	ACSL1	0.5102	0.975733	1.01012	1.010102	1.183274	0.626609	-1.59589	3.08206	0.743212	-1.345551	0.770815	0.9078228	-1.10153	0.08123044	1.889629	1.896229	0.782858	1.095777	1.095777	0.5055573	0.7996611	-1.25061	0.6590889	1.15833	1.15833	0.610506	0.8436018	-1.185337	0.9916219	1.17241	1.54286	1
cg25627403	HNRNPUL1;HNRNPUL1	0.5102015	0.313197	1.38818	1.38818	0.08706665	1.81142	1.81142	0.3818484	1.32579	1.32579	0.364202	0.745881	-1.3407	0.590334	1.18636	1.18636	0.3477	0.737848	-1.35529	0.68354	0.87909	-1.13754	0.87446	0.9515	-1.05097	0.8608117	1.05673	1.05673	0.9916616	1.5527	1.39185	1
cg28236479	VAT1L	0.5102025	0.21746	0.415052	-2.40586	0.267425	2.185162	2.185162	0.64243	1.13713	1.137213	0.761068	0.8335466	-1.22919	0.1703247	0.3723308	-2.68595	0.568873	0.677334	-1.47638	0.2321152	0.428344	-2.33457	0.2729	0.46205	-2.16427	0.6791334	0.754701	-1.32503	0.99161	1.718957	0.4448	1
cg26252281	RAB32;RAB32	0.510207	0.325329	0.334366	-2.99073	0.177301	0.20946	-4.77418	?	?	?	0.342379	2.87015	2.87015	0.39264	0.389883	-2.56487	?	?	?	0.6201928	1.75587	0.707052	1.49664	1.49664	0.4538575	0.440908	-2.26085	0.995887	13.2828	11.4323	1
cg06904618	CTXN1;CTXN3	0.510208	0.705116	1.10953	1.10953	0.185216	1.46828	1.46828	0.167311	1.49543	1.49543	0.874298	0.9576442	-1.02443	0.984059	0.994553	-1.00548	0.258244	0.72434	-1.38057	0.136092	1.55007	1.55007	0.753105	1.09009	1.09009	0.9639856	1.01243	1.01243	0.9916604	1.173691	1.052311	1
cg01673068	ATP11A;ATP11A	0.510208	0.531225	1.32375	1.32375	0.398475	0.682306	-1.46562	0.219441	0.564925	-1.77015	0.825012	1.10288	1.10288	0.686408	1.1966	1.1966	0.378811	1.49075	1.49075	0.0748346	2.40473	2.40473	0.835281	1.09645	1.09645	0.9466117	1.03005	1.03005	0.9916604	3.07108	2.75296	1
cg13036227	C20orf117;C20orf117	0.51022	0.996398	1.00267	1.002672	0.648004	1.4299	1.4299	0.267696	1.92877	1.928877	0.867989	1.099326	1.099326	0.6925866	1.448887	-2.86626	0.361857	0.586705	-1.70443	0.1467487	0.6041453	-1.65523	0.4510009	1.54795	1.54795	0.7088953	1.23778	1.23778	0.9915583	5.08314	4.5567	1
cg08057019	IRS2	0.510229	0.607387	0.80993	-1.09899	0.624364	1.09405	1.09405	0.790364	0.64972	-1.06972	0.8199933	0.9428138	1.042328	0.790364	1.1389	1.1389	0.425635	1.1597	1.1597	0.163641	0.762819	-1.13093	0.6084022	0.9101177	-1.09869	0.8915535	1.40266	1.40266	0.9915568	0.5208092	0.466953	1
cg02744705	DCLK2;DCLK2	0.510229	0.520529	0.627026	-1.59483	0.0829593	0.252631	-3.95835	0.132313	0.312231	-3.20276	0.736174	1.27424	1.27424	0.727958	0.7785196	-1.28436	0.677964	0.741365	-1.34886	0.775484	0.8147033	-1.22744	0.4347334	1.77035	1.77035	0.55501	1.53401	1.53401	0.9915567	8.06581	7.23058	1
cg24183175	BCOR;BCOR	0.510243	0.764372	0.903501	-1.10675	0.5656576	1.39995	1.39995	0.566331	0.630115	-1.63583	0.6880958	0.4756715	1.6495	0.6880958	1.6495	-1.62555	0.493716	0.552978	-1.80839	0.2624446	0.146655	-6.81872	0.1467	0.96312	0.4588617	-2.21819	0.158131	0.962529	11.4097	10.2285	1
cg02902964	DUSL1	0.510259	0.165142	0.433314	-2.3078	0.0537312	0.290188	-3.44604	0.222732	0.484941	-2.06211	0.691448	1.25274	1.25274	0.385003	0.605126	-1.65025	0.782756	0.912041	-1.09644	0.656393	0.776526	-1.28779	0.62307	0.755917	-1.3229	0.790918	0.860633	-1.16194	0.9915515	5.01021	4.49163	1
cg15164708	SLC17A7	0.510261	0.481072	0.736664	-1.41873	0.2323238	0.5408	-1.84911	0.167473	0.485805	-2.05844	0.756253	1.204156	1.204156	0.455609	0.5768655	-1.4774	0.717646	1.19504	1.19504	0.3660464	0.630473	-1.58612	0.947386	1.60789	1.60789	0.6078599	1.60189	1.60189	0.9915513	3.39014	3.08924	1
cg06609997	FBXO21;FBXO21	0.510274	0.226248	0.739988	-1.35137	0.3036731	1.28501	1.28501	0.54622	1.13912	1.13912	0.655441	0.899034	-1.11231	0.580161	0.875983	-1.14157	0.537697	0.86253	-1.15938	0.21117	1.36642	1.36642	0.295385	0.773247	-1.29325	0.41476	1.21843	1.21843	0.9914488	0.8819907	0.790647	1
cg26877508	THSD4	0.510281	0.914152	0.947048	-1.05591	0.0449392	0.193328	3.19333	0.104374	2.44898	2.448938	0.757011	1.16951	0.897362	0.936963	1.06728	1.06728	0.993234	0.995731	-1.00429	0.697979	1.21743	1.21743	0.676676	1.23563	1.23563	0.557713	1.34868	1.34868	0.9914476	3.997	3.58344	1
cg30488164	LI13A2	0.510293	0.420576	0.61608	-2.01608	0.2734742	0.743886	-1.34429	0.383733	0.80842	-1.23637	0.182536	0.2995564	-3.33819	0.177101	0.2949609	-3.39458	0.180263	1.36185	1.36185	0.449505	1.92833	1.92833	0.896592	0.895118	-1.11737	0.8099332	0.808348	-1.11315	0.9914459	11.4013	10.2218	1
cg01821923	CXCL14	0.510293	0.780413	0.916322	-1.09132	0.4067	0.766266	-1.30503	0.225424	0.66957	-1.4935	0.27462	0.69945	-1.4297	0.723842	0.89498	-1.11734	0.867967	1.05339	1.05339	0.422098	0.7752752	-1.29324	0.206561	1.5217	1.5217	0.270538	1.43448	1.43448	1.00321	1.51959	1.17812	1
cg09972618	ISPD;ISPD KDM4C;KDM4C;KDM4C;KDM4C;KDM4D	0.510294	0.893827	1.1983	1.1983	0.512532	0.405888	-2.46373	0.46305	0.560245	-2.75828	0.788558	1.43995	1.43995	0.816232	1.34686	1.34686	0.921039	1.14376	1.14376	?	?	?	0.198148	0.41199	0.41199	0.2779533	1.94603	1.94603	0.9909203	25.1229	22.1285	1
cg05545111	C4DMA;C4DMA	0.510295	0.423276	0.883997	-1.13123	0.160822	1.25335	1.25335	0.533875	1.09964	1.09964	0.71899	1.05598	1.05598	0.127132	1.28239	1.28239	0.166727	1.2489	1.2489	0.682175	0.9398615	-1.06404	0.508705	1.10635	1.10635	0.987809	0.997699	-1.00231	0.9914451	0.3568888	0.319969	1
cg03447749	BEX2;BEX2;BEX2;BEX2;BEX2;BEX2	0.510305	0.259775	0.208178	-4.79907	0.2284646	0.185321	-5.39603	0.328863	1.20671	1.206671	0.122727	0.37946	0.37946	0.892622	1.189546	1.189546	0.2960891	0.235636	-4.24384	0.734516	0.6349098	-1.57481	0.656349	1.81825	1.81825	0.605124	2.00549	2.00549	0.9914434	27.9501	25.0591	1
cg08782557	NAA40	0.510306	0.453168	1.34258	1.34258	0.826008	0.91863	-1.08858	0.859143	1.07088	1.070883	0.523324	0.4271112	-2.34131	0.367657	0.699955	-1.42866	0.353185	0.601929	-1.66124	0.932496	0.9963981	-1.00361	0.995225	1.00231	1.00231	0.442602	1.35229	1.35229	0.9914432	2.33353	2.09217	1
cg09381640	C16orf5	0.510314	0.296604	0.745565	-1.34139	0.85498	1.31267	1.31267	0.6241	1.13067	1.13067	0.762314	1.13067	1.13067	0.762314	1.13067	-1.13067	0.176546	1.19504	1.19504	0.3660464	0.630473	-1.58612	0.947386	1.60789	1.60789	0.6078599	1.60189	1.60189	0.9915513	3.39014	3.08924	1
cg10885961	LOC339290;C18orf18	0.510321	0.554961	-1.10925	1.10925	0.709338	0.937054	-1.06717	0.617513	0.916292	-1.09135	0.0327878	1.54286	1.54286	0.597422	1.09696	1.09696	0.49805	1.12687	1.12687	0.674859	0.9293962	-1.07601	0.927764	0.9843479	-1.01587	0.6038314	1.09516	1.09516	0.9914005	0.4734002	0.42445	1
cg27165794	PNMA1	0.510324	0.540936	0.705261	-1.41791	0.209152	0.473857	-2.11034	0.359688	0.587841	-1.70114	0.205516	0.407016	-2.12443	0.549165	0.710389	-1.40768	0.690581	1.25324	1.25324	0.0531088	0.289439	-3.45496	0.818371	0.8782297	-1.13857	0.925912	0.948881	-1.05387	0.9914	4.99751	4.48076	1
cg05408313	PCCA;PCCA	0.510326	0.451424	0.819555	-1.22015	0.5737434	0.821251	-1.21765	0.203855	0.650155	-1.5388	0.140964	0.4906	-2.03875	0.107964	0.4906	-2.03875	0.144627	0.8129	0.8129	0.2014756	0.2399564	0.164808	-6.06121	0.7633357	-1.31	0.7215573	0.8835005	-1.13186	0.991936	1.88133	1.6898	1
cg13204432	NRXN1;NRXN1	0.510332	0.894594	1.0445	1.0445	0.969624	1.01259	1.01259	0.483455	0.791428	-1.26354	0.48205	0.790814	-1.26452	0.289696	0.69701	-1.4347	0.912395	0.964498	-1.03681	0.123962	1.7284	1.7284	0.70038	0.880734	-1.13542	0.1215154	0.5761155	-1.73564	0.991387	1.69389	1.51876	1
cg26740525	RREB1;RREB1;RREB1;RREB1	0.510337	0.601958	1.24314	1.24314	0.215463	1.42901	1.42901	0.72467	0.863407	1.03911	1.03911	0.8915522	1.33932	1.33932	0.545397	0.7742	1.12916	0.889882	1.10683	1.10683	0.5165822	1.3142	1.3142	0.5178498	0.9314	0.9314	0.9314	2.03324	2.03324	0.0852236	2.21601	2.21601	0.9909337	2.74543	2.46161	1
cg01065506	SERPINE2;SERPINE2;SERPINE2	0.510342	0.496508	2.04208	2.04208	0.458849	0.548256	-2.18219	0.652487	1.59703	1.59703	0.659683	1.58033	1.58033	0.92118	0.902925	1.10751	0.793057	1.76235	-1.31173	0.188604	4.26316	4.26316	0.198993	4.10503	4.10503	0.0880047	7.18913	7.18913	1.00332	16.555	12.836	1
cg00508394	ISF2BP1	0.510349	0.527547	0.690913	-1.44736	0.148285	0.408304	-2.44916	0.380503	0.594748	-1.68139	0.613257	0.744975	-1.34233	0.5508776	0.2767	-3.61402	0.267579	0.513184	-1.94862	0.342051	0.568085	-1.7603	0.276658	0.52017	-1.92245	0.611516	0.743882	-1.3443	0.9913156	5.23887	4.69737	1
cg01008850	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.510352	0.789069	1.1294	1.1294	0.4125	0.345	-1.9299	0.722991	0.614557	-1.62733	0.614557	0.7975	-1.25407	0.387256	0.604888	-1.6532	0.391245	0.714	-1.40056	0.45133	1.75968	1.75968	0.568211	1.75941	-1.28876	0.553244	0.993832	3.47572	3.47572	0.991298	0.993832	1.00621	0.991355	0.505392	4.53067	3.53067	1
cg34378597	SOAT1	0.510359	?	?	?	0.285602	1.89534	1.89534	0.137615	2.54545	2.54545	0.844566	1.11815	1.11815	0.716388	0.8523357	-1.2516	?	?	?	0.331086	1.78029	1.78029	0.1447	2.49545	2.49545	0.67953	1.26707	1.26707	0.9955375	3.77724	3.25203	1
cg32329742	RPP30;RPP30	0.510364	0.287241	1.51985	1.51985	0.0898938	0.16241	1.54821	0.106391	1.95114	1.951134	0.388424	0.1599	2.19599	0.0611	0.1599	2.19599	0.905716	1.04591	1.04591	0.831386	0.8077102	-1.23781	0.5107545	0.6892345	-1.45057	0.1117	0.6892345	-1.44842	0.9913117	0.6892345	-1.44842	0.9913117	0.6892345	-1.44842	0.9913

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1112 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. 537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20193288	TMEM201	0.51099	0.584515	1.11367	1.11367	0.523872	1.1345	1.1345	0.2924414	1.23735	1.23735	0.0931423	1.43352	1.43352	0.842054	1.03967	1.03967	0.627914	1.0999	1.0999	0.264971	0.797311	-1.25421	0.574781	1.11686	1.11686	0.17921	1.32073	0.99023	0.596176	0.535162	1
cg26345613	ADARB2	0.51099	0.240756	0.629293	-1.58909	0.523799	0.783763	-1.2759	0.575657	1.23772	1.23772	0.768835	1.11756	1.11756	0.833273	1.08274	1.08274	0.690969	0.860111	-1.16264	0.773001	2.09732	2.09732	0.265704	1.54867	1.54867	0.995778	0.998006	-1.002	0.090229	2.23049	2.00222	1
cg06610368	RASAL1;RASA1	0.510991	0.779496	0.937788	-1.06634	0.583203	1.1352	1.1352	0.62391	0.89307	-1.11973	0.645416	1.11185	1.11185	0.837087	1.04824	1.04824	0.403438	1.21611	1.21611	0.0374079	0.57538	-1.73798	0.980454	0.994409	-1.00562	0.73271	1.08161	1.08161	0.990227	0.821304	0.737253	1
cg02721283	RASGEF1B	0.510997	0.714404	0.844186	-1.18457	?	?	?	0.085175	2.40496	2.40496	0.660811	1.835836	-1.22574	0.474648	1.39814	1.39814	0.538775	0.750601	-1.33227	0.419047	0.683442	-1.46318	0.306062	1.62987	1.62987	0.835991	0.908864	-1.10027	0.980089	2.93191	2.99148	1
cg25597667	ZNF160;ZNF160;ZNF16C	0.511	0.74384	1.29776	1.29776	0.0978357	0.473605	4.23605	0.140816	0.83427	3.85427	0.996718	1.00328	1.00328	0.268141	0.397864	-2.51342	0.652816	0.697712	-1.43326	0.998542	0.998548	-1.00145	0.861737	1.14863	1.14863	0.963326	1.03723	1.03723	0.990211	0.9091	0.89516	1
cg18033052	DGCR6	0.511008	0.818381	1.02469	1.02469	0.172201	0.857211	-1.16657	0.952856	1.00629	1.00629	0.309298	0.894437	-1.11802	0.170087	0.856473	-1.16758	0.232917	1.14182	1.14182	0.664866	1.0473	1.0473	0.432499	0.918573	-1.08864	0.547274	0.937464	-1.06671	0.990198	0.176308	0.158269	1
cg20354430	TEKT1	0.511015	0.440795	0.510641	-1.95832	0.659787	0.68472	-1.46045	0.525125	0.57663	-1.73421	0.618241	0.650809	-1.53655	0.972176	0.970621	-1.03027	0.869512	0.868866	-1.15093	0.413702	2.04302	2.04302	0.368636	2.20222	2.20222	0.0584515	0.622122	6.22122	0.990185	11.4632	10.2905	1
cg05445310	C21orf59;C21orf9;MIR1249	0.511025	0.474957	1.555	1.555	0.3245	1.8562	1.8562	0.2125	1.24948	2.0815	2.0815	0.243798	2.09806	2.09806	0.528622	0.678405	-1.47389	0.775324	2.38877	2.38877	0.447496	1.606567	1.606567	0.16353	2.99107	2.99107	0.652389	1.31722	1.31722	0.990185	5.79164	5.19799	1
cg01441698	PLA2G2E	0.511022	0.543864	1.28103	1.28103	0.675007	1.21296	1.21296	0.925603	1.03837	1.03837	0.832034	1.08399	1.08399	0.185178	0.567541	-1.76199	0.355599	1.46678	1.46678	0.047008	2.448128	-2.2315	0.938491	0.960368	-1.0316	0.795491	1.10339	1.10339	0.990173	2.5485	2.28781	1
cg14613960	NFIA	0.511026	0.322155	0.751089	-1.3314	0.255349	1.39423	1.39423	0.583222	1.16775	1.16775	0.557912	1.38039	1.38039	0.0991151	0.602912	-1.65862	0.364083	0.770259	-1.29826	0.572057	0.852319	-1.17327	0.558717	0.847473	-1.17998	0.854957	0.950078	-1.05255	0.990166	1.2283	1.10266	1
cg24478695	BTNL2	0.511043	0.688563	1.080607	1.080607	0.982473	1.09822	1.09822	0.0852	0.405941	2.77557	-1.28608	0.2824207	0.699403	0.699403	0.716411	-1.39582	0.282607	0.744988	-1.34188	0.786111	1.88382	1.88382	0.949024	1.88382	1.88382	0.949024	1.88382	0.155471	-1.16956	0.990116	1.13732	1.23278	1
cg18212197	PPT1;PPT1	0.511044	0.961108	0.987455	-1.0123	0.992278	0.997576	-1.00243	0.836099	0.949375	-1.05333	0.860671	1.06363	1.06363	0.440241	1.23797	1.23797	0.039674	0.560589	-1.81591	0.28434	0.75659	-1.32172	0.506421	0.844447	-1.18421	0.91623	0.973957	-1.02674	0.990135	0.986381	0.885518	1
cg12586109	TBC1D;ZNF750	0.511055	0.393807	0.552715	-1.80591	0.213377	2.43413	2.43413	0.130234	3.03302	3.03302	0.645918	2.700483	-1.36896	0.408555	0.577705	-1.73099	0.344809	0.561616	-1.78068	0.427182	0.761483	1.3202	1.14955	0.884473	1.1202	1.1202	0.879348	0.902015	-1.10863	0.990115	7.22758	6.48866	1
ch.7.103954481	DDX56	0.511059	0.341487	0.794205	-1.25912	0.626155	0.891004	-1.12233	0.485449	0.73886	-1.35398	0.638789	0.894815	-1.11755	0.100864	0.655466	-1.52563	0.76658	0.932413	-1.07249	0.351921	0.798363	-1.25256	0.92078	0.976887	-1.02366	0.07668	0.629491	-1.58859	0.990108	0.866537	0.777951	1
cg25941083	FAM189A1	0.511063	0.629342	0.725373	-1.3786	0.0974418	3.3223	3.3223	0.33976	0.91467	-1.09367	0.297027	0.489707	-2.04166	0.614579	0.715197	-1.39822	0.711403	0.782444	-1.27805	0.781996	1.20097	1.20097	0.50838	0.642146	-1.55728	0.334879	0.518636	-1.92813	0.9901	0.83431	0.13568	1
cg06678902	RPS14;RPS14;RPS14	0.511066	0.173428	0.474136	-2.1091	0.137354	2.05446	2.05446	0.288966	1.76123	1.76123	0.644545	1.56444	1.56444	0.315548	0.585993	-1.70668	0.914483	1.0569	1.0569	0.588092	0.754471	-1.32543	0.641656	0.785468	-1.27313	0.991002	0.863696	-1.15735	0.990206	4.1254	3.7335	1
cg22609114	TMEM128	0.511074	0.990134	0.990362	-1.00973	0.971279	0.972625	-1.02815	0.68357	1.37846	1.37846	0.870823	1.13594	1.13594	0.886772	0.894411	-1.11805	0.846396	1.17782	1.17782	0.130685	3.59071	3.59071	0.0625529	5.16328	5.16328	0.177283	3.0744	3.0744	0.990082	9.61933	8.63616	1
cg21233202	MEX3B	0.511088	0.846055	0.8697	-1.14982	0.238448	3.36147	3.36147	0.6641586	4.578	4.578	0.455344	1.72899	1.72899	0.825564	0.837655	-1.19381	0.658543	1.37668	1.37668	0.827985	1.16926	1.16926	0.640083	1.40289	1.40289	0.594939	0.679847	-1.47092	1.00174	8.00844	6.21796	1
cg13442722	TTLL6	0.511093	0.318156	0.810188	-1.23407	0.373646	2.12132	2.12132	0.703923	1.081	1.081	0.74089	1.35493	1.35493	0.0703921	0.816611	-1.22312	0.554892	1.24154	1.24154	0.46809	1.055054	1.055054	0.296154	1.24731	1.24731	0.127595	1.40004	1.40004	0.990048	0.652563	0.585887	1
cg02510924	RUVBL1 RAB7L1;RAB7L1;RAB7L1;RAB7L1;RAB7L1	0.511099	0.246555	0.799313	-1.25108	0.309601	1.21455	1.21455	0.289611	1.22531	1.22531	0.489661	0.878331	-1.13852	0.593963	1.10459	1.10459	0.835081	0.962195	-1.03929	0.157413	1.32245	1.32245	0.644793	1.0896	1.0896	0.447783	0.866736	-1.15375	0.990038	0.535836	0.481091	1
cg14982357	1	0.511101	0.701214	0.940537	-1.06322	0.186073	0.80017	-1.24973	0.481787	1.12041	1.12041	0.637346	0.07943	1.07843	0.618825	1.08302	1.08302	0.651952	0.930343	-1.07487	0.655093	0.931	-1.07411	0.543605	1.1027	1.1027	0.0797788	1.36229	1.36229	0.990035	0.396488	0.355981	1
cg21865128	C4orf36	0.511107	0.654014	1.12896	1.12896	0.24814	0.960582	-1.04172	0.794232	1.47632	1.47632	0.351893	1.24916	1.24916	0.228601	1.23895	1.23895	0.941802	1.01969	1.01969	0.941114	1.02063	1.02063	0.941114	1.02063	1.02063	0.941114	1.02063	0.991459	1.09024	0.11867	1.00439	1
cg11035813	DHCR7;DHCR7	0.511112	0.397227	1.13392	1.13392	0.090743	1.31019	1.31019	0.183826	1.22682	1.22682	0.521023	0.91	-1.0989	0.739979	1.04947	1.04947	0.810228	0.965723	-1.03549	0.451616	0.89477	-1.11761	0.864112	0.975471	-1.02515	0.560516	0.918207	-1.08908	0.990014	0.329582	0.295916	1
cg25835306	UBE2D1	0.511112	0.885804	1.08293	1.08293	0.246254	1.95865	1.95865	0.0460539	3.55165	3.55165	0.529479	1.42356	1.42356	0.843728	1.11599	1.11599	0.734041	0.827734	-1.20812	0.72519	0.822285	-1.21612	?	?	?	0.558026	1.38878	0.979882	4.23993	4.32698	1
cg03160740	VIPR1	0.511114	0.266493	1.07358	-1.2792	0.170264	1.3743	1.3743	0.241405	1.18899	1.18899	0.564712	1.04474	1.04474	0.184713	0.807831	-1.23792	0.914511	1.00783	1.00783	0.947602	1.03847	-1.03644	0.915488	0.958743	0.968942	-1.03205	0.989965	0.811335	0.729497	1
cg10469181	SEC11A	0.511143	0.687185	0.849254	-1.1775	0.767969	0.887434	-1.12684	0.397496	1.41864	1.41864	0.215153	0.590582	-1.69324	0.120442	0.506677	-1.97364	0.898698	0.94989	-1.05275	0.349462	0.677891	-1.47516	0.534805	1.28882	1.28882	0.344223	1.48182	1.48182	0.989961	2.5545	2.2937	1
cg10177813	CCDC122	0.511144	0.193328	0.69227	-1.44453	0.0926167	1.60958	1.60958	0.164047	0.663986	1.12388	1.12388	0.224526	0.68927	-1.45079	0.148722	1.34892	0.454747	0.815921	-1.22561	0.604598	1.04402	1.04402	0.829559	1.10214	1.10214	0.440093	0.911926	1.11926	1.10499	1
cg02658488	REM1	0.511146	0.255899	0.95792	1.95792	0.842995	0.87914	-1.11889	?	?	?	0.506953	0.682902	-1.46434	0.195723	0.460636	2.17091	?	?	?	0.340758	0.73069	1.73069	0.531817	0.43158	2.34158	0.0914104	1.62573	1.62573	0.966892	1.82241	1.45806	1
cg03345391	GCX;GCX;GCX	0.511147	0.119772	0.270544	-3.69625	0.458585	1.79416	1.79416	0.376532	0.495173	-2.0195	0.982433	1.0172	1.0172	0.715609	1.32763	1.32763	0.871288	1.13381	1.13381	0.221382	0.360513	-2.70627	0.151519	0.304161	-3.28773	0.562732	0.635572	-1.57339	0.989954	0.40523	0.84505	1
cg14658900	ZNF174;ZNF174;ZNF434	0.511149	0.849653	1.08407	1.08407	0.431272	1.58424	1.58424	0.151054	0.211272	1.32804	1.32804	?	?	?	0.0422124	1.42297	0.515546	0.585461	-1.70804	0.0422124	1.42297	1.42297	0.967437	0.956421	-1.04571	-1.03679	0.96069	0.957318	-1.04459	0.993968	0.913271	0.73754	1
cg14503981	SOX30;SOX30	0.511149	0.741221	0.926091	-1.07981	0.733109	0.08321	1.08321	0.222561	0.743054	-1.3458	0.162209	0.707686	-1.41306	0.350206	1.24967	1.24967	0.267209	0.765053	-1.3071	0.277506	1.29609	1.29609	0.863526	1.03882	1.03882	0.777782	0.936549	-1.06775	0.989949	0.841659	0.755737	1
cg09775725	BACH2;BACH2	0.511153	0.433085	1.07121	1.07121	0.534614	0.907683	-1.10182	0.678804	1.07301	1.07301	0.578626	1.018704	1.018704	0.842315	0.964982	-1.03618	0.72007	1.16858	1.16858	0.168007	1.168	1.168	0.168007	1.24053	1.24053	0.0178403	1.14763	1.14763	0.991215	1.53245	1.33482	1
cg27409650	CARD10	0.511163	0.685208	1.16137	1.16137	0.769405	0.897708	-1.11395	0.299553	1.48389	1.48389	0.249491	1.55553	1.55553	0.901879	1.04632	1.04632	0.069597	2.10643	2.10643	?	?	?	0.50512	0.780167	-1.28178	0.91495	0.961543	-1.03999	0.979791	1.85874	1.89708	1
cg02608452	KCNA4	0.511167	0.43932	1.59721	1.59721	0.273225	1.96792	1.96792	0.227962	2.11979	2.11979	0.263542	1.99764	1.99764	0.65475	1.30633	1.30633	0.220959	2.14665	2.14665	0.127472	2.66039	2.66039	0.947442	0.961618	-1.03991	0.419256	0.612645	-1.63227	0.989913	5.52606	4.96211	1
cg02213663	DLG5	0.511169	0.342699	0.759458	-1.31716	0.312164	1.66451	1.66451	0.162705	0.499258	1.88775	1.88775	0.19775	2.504443	2.504443	0.91587	1.09206	0.907767	1.01834	-1.63443	0.104391	1.64758	1.64758	0.0437588	2.28526	2.28526	0.0154704	0.749396	1.16341	1.16341	0.989902	3.38828	3.05151	1
cg09512406	C16orf11	0.511177	0.500837	0.646286	-1.5473	0.542671	1.48242	1.48242	0.873088	0.902916	-1.10752	0.74466	0.811576	-1.23217	0.871425	0.299171	-3.34257	0.850221	0.886237	-1.12837	0.616978	0.724601	-1.38007	0.883423	0.29393	-3.40148	0.313425	0.513372	-1.94659	0.989901	6.39856	5.74564	1
cg27447196	PNLDC1	0.511179	0.915737	0.976375	-1.02435	0.556004	0.72381	-1.3781	0.893491	1.07407	1.07407	0.360688	0.607979	-1.64479	0.623835	1.6465	1.6465	0.753532	1.04003	1.04003	0.864899	1.16849	1.16849	0.864899	1.16849	1.16849	0.864899	1.16849	0.771722	0.988783	0.893769	0.843075	1
cg22008026	DCHS2;DCHS2	0.511182	0.762627	0.915736	-1.09202	0.813652	0.933682	-1.07103	0.523007	1.20849	1.20849	0.766006	1.0906	1.0906	0.315438	0.749267	1.33464	0.56725	1.18299	1.18299	0.53193	1.20222	1.20222	0.502983	0.91254	0.91254	0.513397	0.825028	1.21208	0.989891	1.32394	1.18885	1
cg26303628	PRR12	0.511185	0.489004	0.753831	-1.32656	0.4185855	2.56763	2.56763	0.658846	1.19559	1.19559	0.820953	0.912892	-1.09542	0.785073	0.895921	-1.11617	0.370219	1.44767	1.44767	0.871394	0.936939	-1.06731	0.333039	1.494	1.494	0.870897	1.06758	1.06758	0.989887	2.53411	2.27555	1
cg12294678	NOS3	0.511186	0.221966	0.7933	-1.26075	0.259351	0.64801	-1.54313	0.181008	0.20886	2.00886	0.152079	0.17064	5.86256	0.0166	0.2166	0.2166	0.50591	1.15218	1.15218	0.428147	0.7455	1.3407	0.0455	1.38076	1.38076	0.0403511	0.46873	2.13335	0.989886	0.26328	0.26204	1
cg12537437	SLC2B1;SLC2B1;SLC2B1 SMOX;SMOX;SMOX;SMOX;SMOX;SMO	0.511189	0.938612	0.1439	0.1439	0.0983036	0.74935	0.74935	0.0777984	0.29897	0.29897	0.970898	1.02056	1.02056	0.806625	1.1466	1.1466	0.516388	1.44342	1.44342	0.251976	0.94941	0.94941	0.37403	1.6636	1.6636	0.294634	1.83362	0.989881	4.87789	4.38023	1
cg23616842	X;SMOX;SMOX	0.511202	0.604612	0.844096	-1.1847	0.159895	1.62786	1.62786	0.176217	1.59453	1.59453	0.396467	1.32546	1.32546	0.663031	1.15288	1.15288	0.681695	1.14318	1.14318	0.197865	0.64299	-1.55523	0.765934	0.907672	-1.10172	0.521665	1.2346	1.2346	0.989857	1.65061	1.48224	1
cg26788812	MEGF6	0.511215	0.160443	0.61996	-1.61301	0.208968	0.655544	-1.52545	0.382445	0.751565	-1.33056	0.514796	0.811213	-1.23272	0.270339	0.697347	-1.43401	0.691409	0.880544	-1.13566	0.688349	0.956198	-1.04581	0.902591	0.961712	-1.03981	0.0507407	0.501636	-1.99348	0.989835	1.59381	1.43127	1
cg02393535	A4;SMARCA4;SMARCA4;SMARCA4	0.511219	0.427389	0.896718	-1.11518	0.234401	2.18257	2.18257	0.916564	1.0142	1.0142	0.586573	1.07667	1.07667	0.323903	0.871918	-1.1469	0.662571	0.942642	-1.06085	0.0988083	1.27569	1.27569	0.673993	0.94467	-1.05857	0.567299	0.925163	-1.08089	0.989827	0.283718	0.254785	1
cg25141720	GAS1;GAS1	0.511221	0.674284	0.943755	-1.06019	0.497705	1.3438	1.3438	0.151652	1.26299	1.26299	0.884322	1.10013	1.10013	0.274128	1.1657	1.1657	0.921082	1.01656	1.01656	0.886	1.03793	1.03793	0.770195	1.17057	1.17057	0.242956	1.18207	1.18207	0.990073	0.263828	0.23528	1
cg15714776	SPTBN1;SPTBN1	0.511234	0.728185	0.905638	-1.10459	0.700369	1.11611	1.11611	0.65192	0.878974	-1.13769	0.977683	0.992085	-1.00798	0.531911	0.83538	-1.19706	0.857226	1.05249	1.05249	0.0534905	1.86458	1.86458	0.422688	0.792432	-1.26194	0.298853	0.736464	-1.35784	0.9898	1.2651	1.13612	1
cg21504153	SUSD2	0.511255	0.841905	0.945456	-1.11065	0.07004	2.83973	2.83973	0.30889	1.72056	1.72056	0.425589	0.657419	-1.5211	0.629753	0.775231	-1.28994	0.92283	0.9513	-1.05119	0.239173	1.88733	1.88733	0.97917	0.829503	-1.20554	0.817367	1.12636	1.12636	0.989799	4.54322	3.73788	1
cg12797101	FAM114A1	0.511238	0.798494	0.938521	-1.06555	0.078205	1.54466	1.54466	0.279784	1.32137	1.32137	0.642836	1.2196	1.2196	0.992732	0.997704	-1.00226	0.245524	1.35155	1.35155	0.304234	1.302	1.302	0.505873	0.845845	-1.18225	0.412357	1.23106	1.23106	0.989794	0.964305	0.869098	1
cg02260839	ZNF765	0.51124	0.665582	1.0782	1.0782	0.305603	0.831736	-1.20233	0.864004	0.970661	-1.03023	0.464423	1.13807	1.13807	0.776558	0.951776	-1.05067	0.939193	0.986835	-1.01334	0.34558	0.844733	-1.18381	0.466059	1.13752	1.13752	0.0684144	1.42529	1.42529	0.98793	0.472987	0.42477	1
cg20493520	PRCP;PRCP	0.511242	0.644631	1.16228	1.16228	0.556711	0.82679	-1.20934	0.452964	1.67288	1.67288	0.148972	0.844817	-1.18399	0.824857	1.08244	1.08244	0.188455	1.32628	1.32628	0.0248322	2.5228	2.5228	0.399466	0.563939	-1.77324	0.398831	0.482218	-2.07418	0.973176	0.781434	1.2797	1.08708	1
cg18638251	ABR	0.511243	0.56176	0.842286	-1.18724	0.500595	1.22142	1.22142	0.345809	1.3285	1.3285	0.781953	0.920136	-1.08456	0.112166	0.602885	-1.65869	0.359762	1.31715	1.31715	0.390937	0.779236	-1.29327	0.484281	1.23115	1.23115	0.449934	0.79833	-1.25261	0.989785	1.34172	1.20495	1
cg05746445	STK35	0.511244	0.102788	0.640292	-1.5477	0.756356	1.07914	1.07914	0.744976	1.08315	1.08315	0.661112	0.887671	-1.11399	0.654804	1.11565	1.11565	0.489092	0.842314	-1.18721	0.0736275	0.618804	-1.61602	0.323888	0.857225	-1.17134	0.509002	0.849095	-1.17772	0.988783	0.938769	0.843075	1
cg27921439	C10orf90	0.511244	0.174232	0.572642	-1.74629	0.195536	0.589781	-1.69555	0.910491	0.955762	-1.0441	0.699654	0.861121	-1.16128	0.903141	0.04808	1.04808	0.483703	0.75888	-1.31773	0.188736	1.71103	1.71103	0.460576	1.33611	1.33611	0.394125	0.714148	-1.40027	0.989782	2.3321	2.09438	1
cg10195336	ARHGEF10	0.511255	0.53682	1.53829	1.53829	0.0558518	4.44503	4.44503	0.133774	3.04533	3.04533	0.870834	1.11858	1.11858	0.418882	1.76613	1.76613	0.837301	0.867975	-1.15211	0.288568	2.13544	2.13544	0.346303	1.95007	1.95007	0.804108	1.18665	1.18665	0.989763	7.43344	6.67584	1
cg26503181	CA9	0.511258	0.125425	0.490594	-2.04059	0.0911425	2.17125	2.17125	0.76395	1.24892	1.24892	0.770266	0.781511	-1.27939	0.565632	0.897456	-1.11429	0.387113	1.59189	1.59189	0.0925435	2.63981	2.63981	0.0422485	2.36695	2.36695	0.0253944	1.40329	2.09795	0.989754	3.53004	2.66881	1
cg23269922	DPH1;OVCA2	0.511261	0.985852	1.01944	1.01944	0.853304	1.04528	1.04528	0.930446	0.979331	-1.02111	0.541833	0.862654	-1.15921	0.963381	0.989076	-1.01104	0.78111	1.06891	1.06891	0.0282724	1.85818	1.85818	0.501485	1.17729	1.17729	0.639293	0.893208	-1.11956	0.989753	0.897209	0.805776	1
cg08892567	NOM1	0.511263	0.525376	1.2811	1.2811	0.540503	0.745711	1.34134	0.824854	0.74174	-1.34857	0.546074	0.745807	-1.34057	0.672682	1.17771	1.17771	0.920317	1.08058	1.08058	0.596343	1.22845	1.22845	0.402623	1.1014	1.1014	0.796356	1.32244	1.32244	0.989753	1.32244	1.1202	1
cg13690804	ZFP30;ZFP30	0.511271	0.418722	0.85621	-1.16792	0.566487	1.89686	-1.115	0.216166	0.783084	-1.277	0.69516	1.07666	1.07666	0.958023	0.990161	-1.00994	0.139002	0.741434	-1.34874	0.113014	0.723219	-1.38271	0.514753	0.883289	-1.13213	0.492573	1.13989	1.13989	0.989736	0.553218	0.496849	1
cg04646842	GPC6	0.511275	0.135394	0.420868	-2.37604	0.334854	1.70712	1.70712	0.238275	0.514669	-1.943	0.772521	0.855676	-1.16867	0.6096	1.31909	1.31909	0.511061	1.4311	1.4311	0.307777	1.76641	1.76641	0.722197	0.82534	-1.21162	0.516836	0.702281	-1.42393	0.989735	4.53259	4.07076	1
cg23325253	TRIM55;TRIM55;TRIM55;TRIM55	0.51128	0.998051	1.00223	1.00223	0.983795	1.38795	1.38795	0.423115	0.91409	-1.62843	0.450248	0.832291	-1.5817	0.273118	0.758262	-1.31823	0.936114	1.07594	1.07594	0.184842	1.04043	1.04043	0.880521	0.888588	0.944189	-2.24624	0.907109	1.07205	1.07205	0.989719	1.56766	1.50044	1
cg15443904	RNF126	0.511287	0.479553	0.748582	-1.33586	0.847165	0.08386	1.08386	0.850492	0.92701	-1.07874	0.663621	0.838362	-1.1928	?	?	?	0.074108	2.22969	2.22969	0.237059	1.6472	1.6472	0.396725	1.41855	1.41855	0.574361	1.25687	1.25687	0.979569	2.23842	2.2851	1
cg25099065	NR2F6	0.511293	0.453746	0.755764	-1.32317	0.387118	0.84885	1.18885	0.0736	0.24881	4.02315	0.140733	0.469795	-2.12935	0.235407	0.411012	-2.43302	0.748802	0.794761	-1.25824	0.370762	0.638804	-1.56522	0.338788	0.853725	-1.17134	0.509002	0.84095	-1.17772	0.988783	0.938769	0.843075	1
cg18159124	C12orf44;C12orf44	0.511303	0.220917	0.811228	-1.2327	0.823643	0.103695	1.03695	0.785778	0.956675	-1.04529	0.406744	0.871118	-1.14795	0.137064	0.770769	-1.29741	0.407555	0.889229	-1.12457	0.117184	0.758301	-1.31874	0.444942	1.13496	1.13496	0.460048	0.884897	1.13007	0.98967	0.414274	0.372088	1
cg13775856	SDHAF1;SDHAF1	0.511311	0.152217	0.588863	-1.68819	0.901685	1.0436	1.0436	0.199874	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg06706811	C5orf21	0.5511866	0.9304907	0.969319	-1.03165	1.847189	1.07135	1.07135	0.2076166	0.6220399	-1.66746	0.686734	0.8651375	-1.15584	0.0455306	0.4408801	-1.2686	0.8609733	0.9393901	-1.06462	0.505638	0.7856533	-1.27286	0.7745227	0.9024912	-1.03804	0.1764456	0.598503	1.670684	0.888602	1.98806	1.79637	1
cg13794970	GPR125	0.5111871	0.6404674	0.864862	-1.15625	0.1615017	0.6301176	-1.58686	0.0843144	0.5544447	-1.8036	0.957542	0.101658	1.0161958	0.6019119	1.176511	1.176511	0.6647253	0.874009	1.144515	0.2603626	1.42627	1.42627	0.9897792	0.9960656	-1.00396	0.991284	1.0026	0.988683	1.493644	1.34288	1
cg21102227	KLHL28;FAM179B	0.5111896	0.7167834	1.0409	1.0409	0.4494853	1.279574	1.279574	0.132148	1.195811	1.195811	0.232166	1.14785	1.14785	0.536793	1.07125	1.07125	0.4484413	1.08873	1.08873	0.341659	1.11385	1.11385	0.69045	1.04503	1.04503	0.818752	1.02558	1.02558	0.988639	0.189608	0.170477	1
cg05663031	BCL6;BCL6;BCL6	0.5111905	0.4838568	0.609943	-1.6395	0.3718899	1.8903	1.8903	0.4607175	1.66666	1.66666	0.4136805	1.5741656	-1.74169	0.29309	0.4688823	-2.13295	0.0907729	0.274138	-3.6471	0.6666644	0.740101	-1.35117	0.5005643	0.8188429	-1.45812	0.2963796	0.471757	-2.11974	0.988623	7.55282	6.79088	1
cg03477771	TPPP	0.5111911	0.584542	1.22143	1.22143	0.376642	1.38912	1.38912	0.790291	1.10137	1.10137	0.165367	1.70923	1.70923	0.0597252	2.15913	2.15913	0.234162	1.57116	1.57116	0.2565158	1.5358	1.5358	0.99707	1.00133	1.00133	0.989024	0.995029	-1.005	0.988612	2.0549	1.84761	1
cg00223042	FAM133B;FAM133B	0.5111915	0.2999326	0.884962	-1.12999	0.4233707	0.911234	-1.09741	0.2252385	0.8651222	-1.15591	0.0692321	0.7935536	-1.26018	0.1588883	0.8425461	-1.18686	0.341891	0.894571	-1.11785	0.2449572	0.872085	-1.14668	0.719318	0.9597076	-1.04191	0.007157	0.986815	-1.01336	0.988605	0.202646	0.182206	1
cg10560561	CLASP1;CLASP1;CLASP1	0.5111916	0.7965991	1.07656	1.07656	0.770117	0.919721	-1.08729	0.16464	0.6548413	-1.52715	0.402007	0.78274	-1.27756	0.8987581	1.03702	1.03702	0.64446	1.14192	1.14192	0.381616	0.77393	-1.29211	0.1431	1.56744	1.56744	0.350473	1.31582	1.31582	0.988603	1.27705	1.14824	1
cg04099454	SDK1;SDK1	0.5111917	0.133277	0.603904	-1.66588	0.0893166	0.7098306	-1.40573	0.0807002	0.553726	-1.79427	0.246837	0.685846	-1.45805	0.326044	0.7329426	-1.37152	0.563012	0.819521	-1.19973	0.3432619	0.7375516	-1.3559	0.4834626	0.8814426	-1.13453	0.17625	0.639441	-1.56387	0.988601	1.51837	1.36522	1
cg01599957	PATZ1;PATZ1;PATZ1	0.5111921	0.377809	0.803384	-1.2494	0.39585	1.26067	1.26067	0.957051	1.01334	1.01334	0.172442	0.699546	-1.4295	0.708771	0.9121812	-1.09672	0.144311	0.824316	-1.21313	0.1490447	1.46338	1.46338	0.44321	0.8217732	-1.21694	0.6667771	0.898893	-1.12148	0.988596	0.9479971	0.8523562	1
cg25734624	CNGA3;CNGA3	0.5111921	0.8188571	0.944471	-1.05879	0.1108872	0.648795	-1.54132	0.149487	0.6805013	-1.4695	0.966222	0.989508	-1.0106	0.771341	0.9299911	-1.07528	0.355505	1.26709	1.26709	0.417154	1.2294	1.2294	0.508287	1.18193	1.18193	0.881222	1.03794	1.03794	0.988595	0.971283	0.873323	1
cg23275840	CDRIN	0.5111928	0.841262	0.952376	-1.05001	0.896433	0.968807	-1.0322	0.59743	0.878374	-1.13847	0.20877	0.724387	-1.38048	0.2606469	0.756007	-1.32274	0.0752315	0.617533	-1.61935	0.6569193	1.11492	1.11492	0.313275	0.7735855	-1.2889	0.200774	0.719781	-1.38991	0.988582	0.9270576	0.8335586	1
cg13702222	MBNL1;MBNL1	0.5119399	0.118791	0.245236	-4.0777	0.812593	1.21794	1.21794	0.500794	1.76344	1.76344	0.61681	1.52012	1.52012	0.256368	0.3740408	-2.67374	0.48019	0.551144	-1.81441	0.325706	0.43068	-2.32191	0.1936695	0.319302	-3.13183	0.436328	0.517256	-1.93328	0.988563	10.7891	9.70124	1
cg14653849	ATP6V1G1	0.511945	0.685949	1.07023	1.07023	0.157928	0.777195	-1.28668	0.485462	1.12065	1.12065	0.218918	0.805535	-1.24141	0.762941	0.950749	-1.05018	0.126581	0.758878	-1.31773	0.844979	0.760645	-1.03322	0.692716	0.968561	-1.03252	0.436422	0.392423	1
cg06012001	PFF2	0.5119455	0.142375	0.393829	-2.53937	0.565145	1.41001	1.41001	0.2430971	0.710514	1.10114	0.270031	0.59731	-1.67122	0.910651	0.68634	-1.45663	0.633388	0.752817	-1.32834	0.303074	0.532413	-1.87824	0.544643	0.6960272	-1.43663	0.3630385	0.575608	-1.73729	0.988534	5.46636	4.91554	1
cg11369301	SLC35F2;SLC35F2	0.5119576	0.9204031	1.01848	1.01848	0.953992	1.01063	1.01063	0.204019	1.27843	1.27843	0.673663	0.925322	-1.0807	0.25458	0.804142	-1.24356	0.972811	1.00626	1.00626	0.8852137	0.705607	-1.41722	0.4657861	1.14642	1.14642	0.803312	0.955757	-1.04629	0.988498	0.5256661	0.4726911	1
cg05884796	NTSC	0.5111984	0.737755	0.878232	-1.13865	0.910227	1.70736	1.70736	0.519129	1.28727	1.28727	0.467678	1.33048	1.33048	0.2656	0.6387745	-1.56557	0.536955	0.785394	-1.27325	0.259413	0.6347031	-1.57554	0.4088816	1.386	1.386	0.393536	1.40172	1.40172	0.988485	2.1573	2.1018	1
cg04034998	ADAM12;ADAM12	0.5120085	0.1216417	0.3981	-2.51124	0.8987209	1.15574	1.15574	0.1620574	0.9570051	1.01334	0.134338	0.2172005	-4.60395	0.0593521	0.4648771	-2.14979	0.4443448	0.95538	1.95538	0.2234322	1.00439	1.00439	0.2833558	0.3834466	-2.60793	0.43281	1.90051	1.99051	0.988485	2.533	2.37488	1
cg14729344	GRK5	0.512002	0.693791	1.14968	1.14968	0.97437	0.988739	-1.01139	0.376043	0.725985	-1.37744	0.458075	0.766171	-1.30519	0.0732346	0.4945111	-2.0222	0.327252	1.42831	1.42831	0.51672	1.2608	1.2608	0.995369	1.00205	1.00205	0.359531	0.71743	-1.39386	0.988453	1.9452	1.74927	1
cg02732671	C13;CEP63;CEP63	0.512009	0.8066648	1.05845	1.05845	0.102341	1.51302	1.51302	0.233974	1.33512	1.33512	0.312059	0.784867	-1.2741	0.287524	1.29149	1.29149	0.899147	1.02981	1.02981	0.02981	0.733933	1.10108	1.10108	0.424438	1.20902	1.20902	0.244742	1.3256	1.3256	0.98844	0.8399862	0.755386	1
cg13566908	FOXO4;FOXO4;FOXO4-FOXO4	0.5120161	0.153778	0.31937	-3.13043	0.636168	2.171127	2.171127	0.4659533	0.6423816	1.606966	-1.44746	0.587773	1.529265	0.1559005	0.7995985	-1.25089	0.2410045	0.199247	-5.02471	0.7283587	0.7705778	-1.29773	0.1940828	0.5919201	-1.69041	0.07245	0.9744455	-1.02617	0.988429	8.76163	7.87929	1
cg04911545	PCCA;PCCA	0.512023	0.52477	0.625228	-1.59942	0.162906	2.96045	2.96045	0.101948	3.6856	3.6856	0.886224	0.900934	-1.10996	0.243363	0.410286	-2.43392	0.866723	0.884803	-1.1302	0.951611	1.04521	1.04521	0.595244	1.47801	1.47801	0.956654	0.961168	-1.0404	0.988416	0.831178	0.747483	1
cg00113372	AFAP1L1;AFAP1L1	0.512036	0.29154	0.573095	-1.48567	0.159671	0.580714	-1.72202	0.927499	1.03347	1.03347	0.713755	1.14255	1.14255	0.3455457	1.31815	1.31815	0.776171	0.902033	-1.10861	0.472494	0.767732	-1.30254	0.310753	1.46134	1.46134	0.225108	1.58541	1.58541	0.988394	2.04805	1.84186	1
cg24588891	ARPC4;ARPC4;ARPC4	0.5120158	0.909815	0.980723	-1.01979	0.8098752	0.886185	0.886185	0.4845569	1.9567	1.9567	0.752957	0.93252	-1.07259	0.2280503	0.6007778	-1.66479	0.824927	1.1967	1.1967	0.2881552	1.13712	1.13712	0.615994	1.61448	1.61448	0.797834	1.78414	1.78414	0.988392	14.0466	12.5225	1
cg20668952	CSK;CSK	0.5120253	0.4865349	0.697396	-1.43391	0.155595	0.41812	-2.39166	0.135029	0.439849	-2.27351	0.159387	0.464602	-2.15238	0.496022	0.703022	-1.42243	0.304273	0.581371	-1.72007	0.434741	0.666123	-1.50122	0.762631	1.16698	1.16698	0.266351	0.554114	-1.80468	0.988364	4.06789	3.65848	1
cg13523132	LONG;LIN10	0.5120261	0.789534	0.859644	-1.16345	0.127145	0.964658	-1.1393	0.643284	0.8174482	-1.22387	0.467678	1.330481	1.330481	0.2656	0.6387745	-1.56557	0.536955	0.785394	-1.27325	0.259413	0.6347031	-1.57554	0.4088816	1.386	1.386	0.393536	1.40172	1.40172	0.988485	2.1573	2.1018	1
cg11694752	MAP6;MAP6	0.5120265	0.835837	1.11387	1.11387	0.256218	1.85139	1.85139	0.228615	1.92838	1.92838	0.479933	0.688522	-1.45239	0.357541	0.623475	-1.60391	0.126382	1.36175	1.36175	0.451479	0.671193	1.10843	1.10843	0.988552	0.436422	0.392423	1
cg26749306	METRNL	0.512066	0.236719	0.694986	-1.43888	0.351126	1.32532	1.32532	0.708382	1.11659	1.11659	0.540101	1.19967	1.19967	0.0762633	0.5605314	-1.78408	0.534711	0.831491	-1.20266	0.848443	1.05776	1.05776	0.819125	1.06954	1.06954	0.528399	0.829054	-1.20619	0.988341	1.34841	1.21272	1
cg03815147	PGAP3	0.5120267	0.7177631	1.08914	1.08914	0.692226	1.45425	1.45425	0.477367	1.6862	1.6862	0.838803	0.863389	-1.15776	0.4228	0.7779198	-1.28601	0.7849511	0.919301	-1.08748	0.566206	0.8150554	-1.22664	0.5089959	1.16548	1.16548	0.637571	1.15713	1.15713	0.2272773	0.703937	-1.42058	0.988134	1.40487	1.33172
cg22250781	NHLRC4	0.5120273	0.391799	0.96494	0.964941	-0.054125	0.58075	0.58075	0.53834	1.61551	1.61551	0.813438	1.19962	1.19962	0.702848	0.744471	-1.34324	0.551589	0.628932	-1.59043	0.2364281	2.26841	2.26841	0.01076	2.8351172	2.83511	0.306683	2.2586	2.2586	0.988329	9.27767	8.3442	1
cg18249908	RHOBTB2;RHOBTB2;RHOBTB2	0.5120374	0.479201	0.719357	-1.39043	0.0266588	2.171127	2.171127	0.4659533	0.6423816	1.606966	-1.44746	0.587773	1.529265	0.1559005	0.7995985	-1.25089	0.2410045	0.199247	-5.02471	0.7283587	0.7705778	-1.29773	0.1940828	0.5919201	-1.69041	0.07245	0.9744455	-1.02617	0.988429	8.76163	7.87929	1
cg13090596	ODEP	0.5120384	0.9604932	0.988469	-1.01167	0.429949	1.20759	1.20759	0.815405	0.9467197	-1.05628	0.944126	1.01655	1.01655	0.356204	1.2488	1.2488	0.646985	1.114	1.114	0.0770463	1.58455	1.58455	0.179206	0.7610112	-1.39663	0.566175	1.14542	1.14542	0.988309	0.8508157	0.7717104	1
cg05796178	LZTS1	0.5120388	0.247921	0.688609	-1.4522	0.717541	1.11874	1.11874	0.151775	1.60687	1.60687	0.434414	1.27931	1.27931	0.594364	1.09659	1.09659	0.681954	1.13572	1.13572	0.124845	1.67054	1.67054	0.322351	1.37128	1.37128	0.802538	0.925531	-1.08046	0.988303	1.49316	1.34296	1
cg25318918	SIAH2	0.5120389	0.3074444	0.719857	-1.39004	0.1923523	0.997853	-1.0031	0.943898	1.08491	1.08491	0.2744911	1.64602	1.64602	0.174647	1.7282	1.7282	0.908317	1.08255	1.08255	0.7966727	0.8851	1.1967	1.1967	0.1942114	1.34352	0.6208871	1.22023	1.22023	1.22023	0.988301	2.22555	2.00168	1
cg07576525	SHANK3	0.512089	0.343129	0.594729	-1.68144	0.419183	1.55145	1.55145	0.593082	1.33242	1.33242	0.299981	0.564679	-1.77092	0.123526	0.4116312	-2.42935	0.856713	0.908312	-1.10094	0.814573	0.882492	-1.13315	0.222729	1.97733	1.97733	0.872263	1.08039	1.08039	0.988301	0.43133	0.38559	1
cg00183890	CD24A	0.5120403	0.6758072	1.09455	1.09455	0.311993	1.31715	1.31715	0.464026	0.7599	0.7599	0.189283	0.52326	-1.91126	0.0142766	0.4522312	-2.21135	0.813903	1.1967	1.1967	0.7728444	0.9575235	1.04522	1.04522	0.8281817	0.959358	0.7786033	0.734845	-1.36083	0.98829	18.703	16.8291	1
cg16296356	RADS13;RADS13;RADS13	0.5121026	0.114196	0.47355	1.47355	0.931386	1.01962	1.01962	0.603684	1.12542	1.12542	0.783027	1.06426	1.06426	0.173604	0.72134	1.38631	0.775809	0.937611	-1.06654	0.513056	1.16145	1.16145	0.487234	0.8513331	-1.17463	0.273859	1.29292	1.29292	0.988271	1.796761	0.716638	1
cg06308854	IQCE;IQCE	0.5121026	0.4323113	0.779376	-1.28308	0.9114498	1.03519	1.03519	0.903838	0.9631104	-1.03831	0.423247	0.775373	-1.2897	0.0499396	0.498857	-2.00458	0.141943	0.611936	-1.63416	0.371683	0.7517193	-1.33015	0.832606	1.06805	1.06805	0.596489	0.846876	-1.18081	0.988271	1.5143	1.36202	1
cg02118118	TNN8	0.5121058	0.2758021	0.605672	-1.65102	0.311992	1.31715	1.31715	0.464026	0.7599	0.7599	0.189283	0.52326	-1.91126	0.0142766	0.4522312	-2.21135	0.813903	1.1967	1.1967	0.7728444	0.9575235	1.04522	1.04522	0.8281817	0.959358	0.7786033	0.734845	-1.36083	0.98829	18.703	16.8291	1
cg09664975	PRKACB;PRKACB	0.51212	0.297042	0.783142	-1.27691	0.385795	1.22265	1.22265	0.888282	0.96872	-1.03229	0.0697869	0.6322248	-1.58166	0.93299	1.0192	1.0192	0.949778	0.985859	-1.01434	0.570916	0.8809841	-1.13509	0.173441	0.7207141	-1.38746	0.9220388	1.02236	1.02236	0.988245	0.8001113	0.719671	1
cg00069599	FBXW5	0.5121096	0.1199866	0.47099	-2.12455	0.865654	1.16891	1.16891	0.648911	0.8542799	-1.17061	0.8192922	0.9932552	1.0227283	0.9799511	0.9242585	-1.08934	0.8097221	0.925285	-1.08059	0.9344506	0.8012537	-1.08235	0.4091607	0.7587944	-1.31788	0.9986468	1.0003	1.00003	0.988241	-1.00379	0.1484253	0.9280765	1.03227	1
cg16709214	C19orf22	0.5121123	0.803976	1.08188	1.08188	0.20944	1.51987	1.51987	0.0380231	2.14065	2.14065	0.342714	1.36252	1.36252	0.926557	1.02961	1.02961	0.854292	0.943485	-1.0599	0.619627	1.17157	1.17157	0.429108	1.29102	1.29102	0.869355	0.949242	-1.05347	0.988242	1.56734	1.40977	1
cg09856859	S100PBP;S100PBP	0.5121128	0.5399984	1.12543	1.12543	0.49277	1.00024	1.00024	0.225776	0.857986	-1.16435	0.846437	1.01664	1.01664	0.506798	1.059	1.059	0.7926258	1.01612	1.01612	0.2180911	1.12035	1.12035	0.197317	0.8859545	-1.12417	0.8609321	0.986051	-1.01415	0.988231	0.513384	0.4019986	1
cg20979856	PRICKLE3	0.512131	0.668581	0.739313	-1.35261	0.4010069	0.567281	1.82722	0.8915388	0.91029	-1.09855	0.183244	0.315749	-3.16707	0.132682	0.320657	3.11859	0.269808	0.464685	-2.2873	0.1974504	0.3124	3.19428	0.2535239	0.433196	0.30843	0.988227	0.70831	-1.41127	0.988153	0.4800969	0.4271	1
cg07918390	GPSM3;NOTCH4	0.5121214	0.926537	1.021	1.021	0.806753	1.05679	1.05679	0.770817	0.936289	-1.06805	0.273295	1.29297	1.29297	0.274717	1.29191	1.29191	0.230087	1.32814	1.32814	0.373329	0.813491	-1.22927	0.0905712	1.52234	1.52234	0.581211	1.13379	1.13379	0.988211	0.794949	0.715051	1
cg14134619	ABHD8	0.5121448	0.8091349	1.06054	1.06054	0.827085	1.05209	1.05209	0.276473	1.30047	1.30047	0.548319	0.868507	-1.1514	0.303539	1.28061	1.28061	0.308255	1.27732	1.27732	0.6177	0.889773	-1.12388	0.743181	0.92653	-1.0793	0.0749237	1.58464	1.58464	0.988179	0.8430073	0.758363	1
cg26159967	PCDC6P;PCDC6P;PCDC6P	0.5121518	0.877239	1.02937	-1.03143	0.686368	1.21267	1.21267	0.8090644	0.9365	1.00653	0.498266	0.466769	-2.14229	0.1516497	0.5154227	0.182053	-5.4109	0.4240125	2.36027	2.36027	0.1516397	0.3303153	-3.02647	0.3242318	3.08207	0.2329245	0.3235406	0.327496	-3.05347	0.988174	5.42125	4.72903	1
cg26353792	GRK5	0.5121561	0.177739	0.344757	-2.90134	0.4880638	0.8617281	1.16268	1.212388	0.8090644	0.936553	1.00653	0.498266	0.466769	-2.14229	0.1516497	0.5154227	0.182053	-5.4109	0.4240125	2.36027	2.36027	0.1516397	0.3303153	-3.02647	0.3242318	3.08207	0.2329245	0.3235406	0.327496	-3.05347	0.988174	5.42125	4.72903	1
cg27213584	DPYSL3	0.5121651	0.815825	0.942371	-1.06115	0.2545132	1.35384	1.35384	0.1451822	1.47907	1.47907	0.644043	1.15269	1.15269	0.0778172	1.44331	0.8948899	1.01651	1.01651	1.00163	0.09052515	0.8740213	-1.60717	0.4079558	0.94027	-1.24027	0.3998883	1.04513	1.04513	0.5726361	0.8649993	1.15688	0.988173	1.01291	0.93114	1
cg07010359	OTUD3	0.5121666	0.5909592	0.890101	-1.12347	0.968087	1.08061	1.08061	0.262026	0.77825	-1.28493	0.540406	1.14209	1.14209	0.114519	1.44477	1.44477	0.473808	0.85542	-1.16902	0.748407	0.7034408	0.933343	-1.07142	0.2976531	1.26041	1.26041	0.405011	0.833072	-1.20038	0.988168	0.719149	0.646899	1
cg15450986	ARMC4	0.5121682	0.244282	0.648202	-1.54284	0.1551223	0.895973	-1.0291	0.643598	0.8252642	-1.21145	0.4965	0.59759	1.6734621	0.1355654	0.7995985	-1.25089	0.2410045	0.199247	-5.02471	0.7283587	0.7705778	-1.29773	0.1940828	0.5919201	-1.69041	0.07245	0.9744455	-1.02617	0.988429	8.76163	7.87929	1
cg25341275	HIST1H2AC	0.5121778	0.2925328	1.61264	1.61264	1.050071	0.4606693	-2.17064	0.950607	0.9732756	-1.02748	0.655098	0.8214	-1.21743	0.896176	1.05879	1.05879	0.518821	1.33137	1.33137	0.346255	1.52875	1.52875	0.216331	1.76709	1.76709	0.654061	1.21822	1.21822	0.988145	2.99684	2.69581	1
cg21167157	HIP1R	0.5121838	0.7016631	1.08425	1.08425	0.0788115	1.38154	1.38154	0.988722	0.9913152	-1.00872	0.919817	1.06383	1.06383	0.427153	0.6907585	-1.44786	0.1209907	0.362664	-2.75737	0.4482886	0.6487723	-1.54137	0.3125083	0.5549059	-1.8093	0.5519332	1.4975	1.4975	0.988136	0.51908	0.51648	1
cg20181426	RP11-1	0.5121884	0.917801	0.975669	-1.02494	0.37946	0.830436	-1.24003	0.964668	0.9002	-1.01008	0.277883	0.76396	-1.30897	0.174784	0.70866	1.41111	0.227808	0.739291	-1.35265	0.238642	1.34243	1.34243	0.42227	1.21603	1.21603	0.785025	0.936842	-1.06742	0.988135	0.890989	0.8015	1
cg15540144	C2orf55	0.5121886	0.589642	1.3378	1.3378	0.1215	2.45287	2.45287	0.253152	1.89248	1.89248	0.6007116	1.3261	1.3261	0.78739	0.86547	-1.15544	0.994756	0.996493	-1.00352	0.525526	1.41034	1.41034	0.0605814	3.09826	3.09826	0.433791	1.53247	1.53247	0.98813	4.4705	4.02151	1
cg26610113	HNF1A	0.5121909	0.8073394	1.04201	1.05461	0.6079234	0.6273525	1.59425	0.4777367	1.6862	1.6862	0.838803	0.863389	-1.15776	0.4228	0.7779198	-1.28601	0.7849511	0.919301	-1.08748	0.566206	0.8150554	-1.22664	0.5089959	1.16548	1.16548	0.637571	1.15713	1.15713	0.2272773	0.703937	-1.42058	0.988134	1.40487	1.33172
cg26159967	PCDC6P;PCDC6P;PCDC6P	0.5121958	0.800484	0.942919	-1.06054	0.827081	1.05209	1.05209	0.276473	1.30047	1.30047	0.548319	0.868507	-1.1514	0.303539	1.28061	1.28061	0.308255	1.27732	1.27732	0.6177	0.889773	-1.12388	0.743181	0.92653	-1.0793	0.0749237	1.58464	1.58464	0.988179	0.8430073	0.758363	1
cg26533923	GRK5	0.5121961	0.177739	0.344757	-2.90134	0.4880638	0.8617281	1.16268	1.212388	0.8090644	0.936553	1.00653	0.498266	0.466769	-2.14229	0.1516497	0.5154227	0.182053	-5.4109	0.4240125	2.36027	2.36027	0.1516397	0.3303153	-3.02647	0.3242318	3.08207	0.2329245	0.3235406	0.327496	-3.05347	0.988174	5.42125	4.72903	1
cg27213584	DPYSL3	0.5121965	0.815825	0.942371	-1.06115	0.2545132	1.35384	1.35384	0.1451822	1.47907	1.47907	0.644043	1.15269	1.15269	0.0778172	1.44331	0.8948899	1.01651	1.01651	1.00163	0.09052515	0.8740213	-1.60717	0.4079558	0.94027	-1.24027	0.3998883	1.04513	1.04513	0.5726361	0.8649993	1.15688	0.988173	1.01291	0.93114	1
cg25249086	PNKCE	0.5122012	0.782136	0.87929	-1.13728	0.338167	1.58087	1.58087	0.250086	0.572493	-1.74675	0.802759	0.890351	-1.12315	0.921401	0.42298	-2.36418	0.436338	1.44557	1.44557	0.511024	1.35846	1.35846	0.500059	1.37392	1.37392	0.979533	0.988166	-1.01198	0.988102	3.36998	3.03161	1
cg26514337	ARMC4;LMAN1	0.5122016	0.450596	0.699104	-1.43023	0.1551223	0.895973	-1.0291	0.643598	0.8252642	-1.21145	0.4965	0.59759	1.6734621	0.1355654	0.7995985	-1.25089	0.2410045	0.199247	-5.02471	0.7283587	0.7705778	-1.29773	0.1940828	0.5919201	-1.69041	0.07245	0.9744455	-1.02617	0.988429	8.76163	7.87929	1
cg12798700	HDDC2	0.5122116	0.820428	1.05267	1.05267	0.237929	1.32194	1.32194	0.62206	1.11871	1.11871	0.414733	0.828433	-1.2071	0.557534	1.14329	1.14329	0.426128	1.20137	1.20137	0.0639134	1.60024	1.60024	7	7	7	0.57275	1.13731	1.13731	0.977905	0.70169	0.717544	1
cg10108612	ALDH4A1;ALDH4A1;ALDH4A1	0.5122193	0.7083	1.12524	1.12524	0.825522	0.909537	-1.09846	0.727353	0.859434	-1.16356	0.500602	0.745562	-1.34166	0.0243838	0.515987	-1.93969	0

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00958884	CYGB	0.512538	0.325721	1.67109	0.167329	1.8908287	1.05462	1.05462	0.696255	1.16288	1.16288	1.162888	0.537092	1.26959	1.260959	1.20342	0.673786	1.48415	0.108539	1.68646	1.68646	0.75407	1.12814	1.12814	0.8881404	1.06228	1.06228	0.526732	1.2798	1.2798	0.987514	2.31394	2.28284	1
cg06576940	MGAT5B;MGAT5B	0.51254	0.509809	0.798002	-1.25172	0.1873775	1.59873	1.59873	0.816247	1.0813	1.0813	1.081	0.667781	0.865033	-1.15603	0.261591	0.67495	-1.48159	0.672494	0.866948	-1.15347	0.170094	1.63339	1.63339	0.298442	1.43607	1.43607	0.752185	0.8990091	-1.11223	0.987151	1.76352	1.5874	1
cg20098875	KDM4B	0.512542	0.874129	0.94365	-1.05971	0.2310235	1.5835	1.5835	0.344397	1.42805	1.42805	1.4268	0.546853	1.24989	1.24989	0.94253	1.02673	1.02673	0.293177	0.671027	-1.49025	0.3049308	0.6779943	-1.47505	0.193261	0.6040304	-1.6548	0.5459662	1.25053	1.25053	0.987506	2.09333	1.88428	1
cg05479554	CHCHD8;FAAF1	0.512544	0.2465831	0.87321	-1.14517	0.5274905	1.07425	1.07425	0.9648464	0.995587	-1.00443	0.832982	0.976652	-1.02391	0.388972	1.03081	1.03081	1.03081	0.856407	1.02047	1.02047	0.202511	1.16245	1.16245	0.1644972	-1.18068	0.3774972	1.10662	1.10662	0.987503	0.195751	0.176203	1
cg04444027	USP7	0.512545	0.704034	1.15243	1.15243	0.2720446	1.52957	0.97162	1.01331	1.011331	0.690946	1.16014	1.16014	0.367378	1.41085	1.41085	0.303392	1.48624	1.48624	0.3032063	2.5228	2.5228	0.348124	1.4326	1.432	0.731337	1.48117	1.48117	0.9875	2.16098	1.94519	1
cg08066154	ACCN2;ACCN2	0.512553	0.0615892	0.177904	-5.621	0.445766	1.89141	1.89141	0.916314	0.917234	-1.09023	0.24906	0.68554	0.59212	-1.5581	0.64201	0.712115	1.35532	1.35532	0.632939	1.48371	1.48371	0.547467	0.6070042	-1.64733	0.9828822	1.01781	1.01781	0.987486	10.5155	9.46556	1
cg04577220	C21orf70	0.512558	0.0951052	0.523526	-1.91013	0.5170302	0.79308	-1.26091	0.902054	0.957484	-1.0444	0.854793	0.9374	-1.06678	0.0916024	0.519182	-1.92611	0.21353	0.620886	-1.58759	0.222446	0.6360772	-1.57215	0.617892	0.837389	-1.19419	0.410957	0.743276	-1.3454	0.9874781	1.94746	1.75303	1
cg12225582	SRRM3	0.512559	0.276001	0.147978	-6.76234	0.2755516	0.1550312	0.46564	0.1615625	0.6616106	-16.231	0.986587	0.9709105	-1.03052	0.1936704	0.5801673	-12.3202	?	?	?	?	0.4255312	-2.15011	?	?	0.773559	0.619506	-1.61419	0.977293	39.1439	40.0534	1
cg25413757	TMEM206	0.512565	0.649613	1.03919	1.039319	0.606011	1.10839	1.10839	0.385364	1.840826	-1.18593	0.649858	1.09312	1.09312	0.313243	1.21505	1.21505	1.21505	0.714325	1.07433	1.07433	0.368093	1.10763	1.10763	0.398915	1.18322	1.18322	0.0398692	1.58853	1.58853	0.987466	0.593523	0.534272	1
cg23238851	TMEM47	0.512593	0.257103	0.131147	-7.62503	0.8788822	0.770874	-1.29723	0.920807	0.843928	-1.18494	0.771774	1.64291	1.64291	0.697389	1.9489	1.9489	1.9489	0.131388	0.0600665	-16.6482	0.290867	6.55961	6.55961	0.346329	5.27113	5.27113	0.3595573	5.023374	5.023374	0.998866	45.095	35.1101	1
cg06434758	AP3D1;AP3D1	0.512603	0.5535378	0.8921	-1.12095	0.6193448	1.31303	1.31303	0.2007546	1.5188	1.5188	1.5188	0.500013	1.64649	1.64649	1.07083	1.07083	1.07083	0.154323	0.0520404	-19.2211	0.131188	1.86508	1.86508	0.15677	1.72911	1.72911	0.401019	1.36452	1.36452	0.9874	2.04438	1.84041	1
cg06969479	TMEM131	0.512613	0.278971	1.6597	1.67597	0.754256	1.15181	1.15181	0.142164	2.03445	2.03445	0.898977	0.944437	-1.05883	0.724079	1.66839	1.66839	1.66839	0.085947	2.3922	2.3922	0.627776	0.80259	-1.24597	0.362221	1.52427	1.52427	0.821527	1.10704	1.10704	0.987381	3.16793	2.85192	1
cg08359668	LOC116417 SCML1;SCML1;SCML1;SCML1;SCML1;SC ML1	0.512614	0.0805532	0.768099	-1.30056	0.682777	0.945815	-1.05729	0.652722	1.06334	1.06334	0.854821	0.975474	-1.02514	0.613473	1.0715	1.0715		0.230675	1.18587	1.18587	0.48286	0.907837	-1.10152	0.298513	0.864072	-1.15731	0.657287	0.941258	-1.06241	0.987381	0.287444	0.258771	1
cg26367537	ML1;SCML1;SCML1	0.512623	0.166628	0.250145	-3.85885	0.417049	0.467918	-2.13713	0.950564	1.065148	1.065148	0.65548	1.87394	1.87394	0.9881	0.986436	-1.01375	0.238883	0.323194	-3.09411	0.248143	0.331036	-3.02082	0.9448085	0.938762	-1.06523	0.834806	1.21072	1.21072	0.987365	13.1121	11.8043	1
cg12271759	SLC6A15;SLC6A1;SLC6A1;SLC6A1 CENPL;CENPL;CENPL;CENPL;DARS2;CEN	0.51263	0.323609	0.772908	-1.29383	0.624947	1.15055	1.15055	0.75859	1.05205	1.05205	1.08016	0.866153	1.08202	1.08202	1.04455	0.513899	1.94582	1.94582	1.60082	0.712023	1.40405	1.60082	0.624373

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T 477 vs. N)	p-value(537T vs. N)	Fold-Change(537T 537 vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg19822127	IGDCC4	0.513313	0.591224	1.1876	0.11876	1.0998616	0.098735	-1.00127	0.0462408	2.06305	0.2063035	0.3810152	1.32968	1.32968	0.9232192	1.32968	0.9698881	1.031035	0.6043888	1.18028	1.18028	0.6232022	0.854597	-1.17014	0.9610383	1.34681	1.34681	0.2140097	1.51409	0.5140397	0.086157	1.57073	1.4158	1
cg00218626	DOK1;DOX1;DOK11	0.513314	0.537627	0.730052	-1.36892	0.8347068	1.110181	1.110181	0.496457	0.706516	-1.414	0.7312718	1.18824	1.18824	0.324087	0.5990664	-1.66927	0.3890474	0.641402	-1.55908	0.158357	0.4682721	-2.13551	0.082534	0.9283111	-1.07723	0.0556372	0.335831	-2.97769	0.0861555	3.95365	3.56369	1
cg01132484	TBL1XR1; PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPL	0.513316	0.486891	1.57925	1.57925	0.8699669	1.1118	1.1118	0.456772	1.63271	1.63271	0.572806	1.44571	1.44571	0.14386	1.362121	-2.76151	1.112544	3.05715	3.05715	0.999715	1.00023	1.00023	0.484468	1.58341	1.58341	0.511256	0.649869	-1.53877	0.0861551	6.5353	5.89074	1
cg00401032	A6	0.513322	0.604619	0.759303	-1.317	0.485191	1.45339	1.45339	0.851723	1.10367	0.693321	1.23237	1.23237	0.2411142	0.288711	-3.46367		0.680697	0.804018	-1.24375	0.270778	0.546377	-1.83024	0.776939	0.860935	-1.16153	0.592688	0.752271	-1.32931	0.0861441	4.34042	3.91237	1
cg08178441	HELT	0.513323	0.801855	0.956814	-1.04513	0.2191215	0.797045	-1.25463	0.547332	0.898605	-1.11284	0.1590666	0.7677991	-1.30244	0.273975	0.8188604	-1.22123	0.2892552	0.824375	-1.21304	0.190807	0.784157	-1.27525	0.413	1.15828	1.15828	0.754483	1.05662	1.05662	0.98614	0.4834406	0.43393	1
cg07480869	GIB6;GIB6;GIB6;GIB6	0.513323	0.521606	1.77493	1.77493	0.9396878	0.935336	-1.06913	0.0476015	7.39759	7.39759	0.34251	4.02451	4.02451	0.647709	1.50136	1.50136	0.521635	1.77486	1.77486	0.997913	0.997692	-1.00231	0.244313	2.93256	2.93256	0.7839948	1.27476	1.27476	0.986139	12.1852	10.9835	1
cg19017420	AR12	0.513335	0.029917	0.357335	-2.79849	0.512088	0.765011	-1.30717	0.838462	1.08571	1.08571	0.299373	1.10805	1.10805	0.911749	0.956319	-1.04568	0.622895	1.1221	1.1221	0.7861577	1.1185	1.1185	0.947592	0.925416	-1.0806	0.6236993	1.21703	1.21703	0.986118	2.53456	2.28466	1
cg14409023	OTX2OS1	0.513338	0.799998	1.60977	1.60797	0.819463	0.942491	-1.06102	0.584015	0.666558	-1.15399	0.8538048	1.04718	1.04718	0.397382	1.290244	1.29024	0.12424	1.53905	1.53905	0.888664	0.751486	-1.3307	0.137963	1.51249	1.51249	0.844046	1.05571	1.05571	0.986113	1.04792	0.944602	1
cg23235971	PTPRN2;PTPRN;2;PTPRN2	0.513344	0.578904	0.848676	-1.17831	0.0734096	1.8027	1.8027	0.277951	0.718778	-1.39125	0.990773	1.00339	1.00339	0.534023	0.8316558	-1.20242	0.614038	0.861712	-1.16048	0.689258	0.889017	-1.12484	0.32291	1.34829	1.34829	0.933786	0.975973	-1.02462	0.986103	1.3378	1.20591	1
cg01913347	SMOC1;SMOC1	0.513347	0.466452	1.60648	1.60648	0.1502172	0.121551	-1.36363	0.0135775	0.448998	-2.22718	0.4445313	1.6923	1.6923	0.626208	1.1917782	-1.30279	0.558706	1.6709312	1.6709312	0.646046	0.657379	1.351651	1.351651	0.8342622	1.351651	0.9939751	0.842624	-1.15706	0.86	1.12655	0.9860097	7.11494	6.41356	1
cg09338551	LOC100129637	0.513361	0.772004	1.08527	1.08527	0.845904	0.946675	-1.05633	0.832115	0.941963	-1.06161	0.186566	0.67412	-1.48342	0.343959	0.7599006	-1.31595	0.309054	0.744243	-1.34513	0.1437	1.55654	1.55654	0.783356	1.08072	1.08072	0.380773	1.28814	1.28814	0.986073	1.23878	1.11669	1
cg14709403	TRIL	0.513364	0.43147	1.31956	1.31956	0.7807098	1.10119	1.10119	0.1101312	0.5730136	-1.75397	0.7568912	0.8083826	-1.11321	0.133627	0.5739151	-1.74851	0.575649	0.8235925	-1.21516	0.164422	0.9903255	-1.66873	0.09317	0.9588837	-1.04259	0.8918003	1.04721	1.04721	0.9860568	1.86284	1.67925	1
cg21074433	B4GALNT1	0.513371	?	?	?	0.773575	0.863238	-1.15843	0.491793	1.55384	1.55384	0.3902715	0.9396608	-1.06427	0.502263	1.417718	1.417718	0.372436	1.60132	1.60132	0.158696	2.19514	2.19514	0.186699	2.07137	2.07137	0.1260929	2.37583	2.37583	1.00276	3.48768	2.60856	1
cg01548101	DGKG;DGKG;DGKG	0.513372	0.713041	0.904911	-1.10508	0.259748	0.7276	-1.37443	0.0991188	0.602099	-1.65932	0.1427503	0.6841152	-1.46166	0.511329	0.8351111	-1.19745	0.470658	0.819951	-1.21959	0.0991188	0.613217	-1.63075	0.57907	0.859352	-1.16367	0.082535	0.594427	-1.68229	0.0703853	1.14266	1.03006	1
cg02677865	SLC25A42	0.513339	0.260914	1.70561	-1.41932	0.8903	0.964284	-1.03704	0.317368	0.792087	-1.13219	0.4761158	2.2998	2.2998	0.982399	1.00587	1.10582	0.1442	1.40898	1.40898	0.0794456	1.624975	1.624975	0.996291	1.25676	1.25676	0.8907721	1.03683	1.03683	0.986022	1.08087	0.974393	1
cg22104487	AP3M2;AP3M2	0.513392	0.866649	0.942525	-1.06098	0.358763	1.33442	1.33442	0.144509	1.61475	1.61475	0.278868	0.7086683	-1.41107	0.875374	1.049151	1.049151	0.641384	1.1542	1.1542	0.197761	1.51619	1.51619	0.217002	1.48753	1.48753	0.449209	1.26587	1.26587	0.986018	1.45957	1.31579	1
cg24275626	PELP1	0.513402	0.271156	0.653278	-1.53156	0.1979181	0.602099	-1.6592	0.1742975	0.583457	-1.71392	0.47519	0.7623994	-1.31131	0.619735	0.8296681	-1.20528	0.123726	0.536727	-1.86155	0.774928	0.898523	-1.11294	0.554402	0.566098	-1.76648	0.194425	0.599079	-1.66923	0.086	2.17547	1.96121	1
cg19970883	ACTC1	0.513411	0.416461	1.572299	-1.52048	0.7278025	0.889417	-1.12433	0.650078	0.837873	-1.4752	0.4604475	0.7409693	-1.33388	0.656024	0.8188604	-1.22123	0.651843	0.858952	-1.16421	0.151382	0.597742	-1.67296	0.722287	1.12688	1.12688	0.446707	0.973145	-1.29644	0.9858986	1.7498	1.47538	1
cg24656153	LRRFIP1	0.513413	0.791252	0.932133	-1.07281	0.2700559	0.737667	-1.35563	0.444438	0.8313991	-1.22942	0.6942775	1.11033	1.11033	0.755912	1.08612	1.08612	0.364254	1.28019	1.28019	0.0723825	0.587905	-1.70095	0.551429	1.1731	1.1731	0.710347	1.10388	1.10388	0.9859821	1.09606	0.988129	1
cg07527330	HDAC1	0.513416	0.631066	1.713442	-1.40166	0.8776377	1.1437	1.1437	0.643354	1.39248	1.39248	0.1216347	0.643354	1.39248	0.911718	1.08047	1.08047	0.604265	1.35129	?	?	?	?	0.574561	1.74017	1.74017	0.232791	2.58409	2.58409	0.9857766	6.6896	6.85574	1
cg13043300	DHCR7;DHCR7	0.513413	0.457976	1.17097	1.17097	0.671527	1.09317	1.09317	0.190281	0.748504	-1.336	0.960478	0.989704	-1.0104	0.0803569	0.6669916	-1.49944	0.318981	0.80647	-1.23997	0.846212	0.960259	-1.04139	0.313161	0.804232	-1.24342	0.964008	0.990621	-1.00947	0.9859381	0.681069	0.614003	1
cg13184539	FH	0.513415	0.987706	1.00547	1.00547	0.9998853	0.960285	-1.04156	0.3228502	0.821358	-1.21138	0.2738193	1.13347	1.13347	0.3545445	1.39922	1.39922	0.659554	1.30055	1.30055	0.554902	1.42477	1.42477	0.817078	0.871673	0.871673	0.1702264	1.11453	1.11453	0.9858684	1.23846	1.11024	1
cg06358608	SGK1;SGK1;SGK1;SGK1	0.513428	?	?	?	0.145208	0.52756	2.52756	0.425165	1.62053	1.62053	0.545617	1.43699	1.43699	0.376381	0.5838357	-1.71275	0.659554	1.30055	1.30055	0.554902	1.42477	1.42477	0.817078	0.871673	-1.14722	0.115322	1.75892	1.75892	0.97574	4.82665	4.94666	1
cg05530294	CLIP2;CLIP2	0.513443	0.595615	1.22595	1.22595	0.0783431	0.123086	2.103386	0.963871	0.98292	-1.01738	0.561289	0.7997091	-1.25033	0.483808	0.7628931	-1.3108	0.39802	1.38974	1.38974	0.135329	1.78819	1.78819	0.816367	1.0925	1.0925	0.780739	1.899307	-1.11197	0.9859052	2.25881	2.03644	1
cg18978324	RAB3GTA;RAB3GTA	0.513441	0.125295	1.65001	1.65001	0.213627	1.48213	1.48213	0.0610244	1.14586	1.14586	0.728854	0.9013195	-1.11259	?	?	?	0.560945	2.11626	2.11626	0.326189	3.64207	3.64207	0.120036	0.116431	-8.5888	0.302234	3.90691	3.90691	0.985495	25.3879	22.8887	1
cg08522473	TAGLN3;TAGLN3;TAGLN3	0.513434	0.701628	1.6337	1.6337	0.345975	1.44713	1.44713	0.471835	2.54261	2.54261	0.835576	1.30344	1.30344	0.385697	0.321767	-3.10784	0.560945	2.11626	2.11626	0.326189	3.64207	3.64207	0.120036	0.116431	-8.5888	0.302234	3.90691	3.90691	0.985495	25.3879	22.8887	1
cg20124188	FAM64A	0.513444	0.187934	0.686385	-1.45706	0.5743571	1.10234	1.10234	0.0603748	1.08432	1.08432	0.676221	0.8929097	-1.12035	0.2643197	0.7055055	-1.41332	0.080583	0.592936	-1.68623	0.1539921	0.77318	-1.29336

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5633 vs. N)	Fold-Change(1-vs-5633 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg20654260	TMEM151B	0.514141	0.961433	0.980151	-1.01107	1.00860602	0.1408	1.54008	0.827049	1.05108	1.05108	0.4448607	0.838779	-1.10221	0.2510322	1.13197	1.13197	0.7110308	0.918763	-1.08842	0.194872	1.3664	1.3664	0.854919	1.24193	1.24193	0.9715752	1.00815	1.008115	0.984709	0.808355	0.729696	1
cg13759143	EXPH5	0.514144	0.607902	0.882275	-1.13343	0.6003382	0.879105	-1.13647	0.308055	0.774641	-1.29092	0.270359	0.757471	-1.32018	0.925879	0.977731	-1.02278	0.2948332	0.768778	-1.30077	0.884431	1.03583	1.03583	0.296013	0.769308	-1.29987	0.118115	1.50783	1.507803	0.913551	0.82466	1
cg17910274	NALCN	0.514185	0.355157	0.71397	-1.40062	0.856629	0.937951	-1.06615	0.825576	1.08132	1.08132	0.950965	1.02202	1.02202	0.128578	0.558883	-1.78928	0.432768	0.753097	-1.32785	0.098064	0.525832	-1.90175	0.141436	0.571149	-1.75086	0.663727	0.856457	-1.1676	0.984631	1.95653	1.76628	1
cg25580306	XRCC6;PPP2E2	0.514195	0.737156	1.2222	1.2222	0.330954	1.82766	1.81766	0.9203161	1.06142	1.06142	0.557341	1.702214	-1.42407	0.315492	1.538887	-1.85568	0.853536	0.897006	-1.11482	0.10192	1.344218	-2.90514	0.70852	1.2507	1.2507	0.232236	1.20916	1.20916	0.98463	5.533974	4.9955	1
cg20865068	TM9SF2	0.514194	0.346531	1.24975	1.24975	0.152391	1.42271	1.42271	0.264125	1.30696	0.641136	1.11401	1.11401	0.0998362	1.514	1.514	-1.02478	0.93102	0.980285	-1.02011	0.828457	1.05117	1.05117	0.837584	0.953891	-1.04834	0.417311	0.826432	-1.21002	0.984616	0.824848	0.744654	1
cg18208268	RPL13AP5;RPL13A	0.514199	0.668691	0.917468	-1.08096	0.364384	0.829864	0.74204	0.676986	0.68744	0.68744	0.754546	0.80476	0.706476	0.293938	1.24336	-1.24336	0.673084	1.08862	1.08862	0.052806	0.643834	-1.55319	0.88113	0.970004	-1.03039	0.867564	1.03396	1.03396	0.986416	0.624205	0.563599	1
cg12345724	CDC4A;CDC4A	0.5142	0.370871	0.827679	-1.2082	0.725447	1.07527	1.07527	0.842479	1.0418	1.0418	0.649164	0.910036	-1.09886	0.398112	1.19492	1.19492	0.46441	1.16563	1.16563	0.122261	0.708415	-1.4116	0.258224	1.27484	1.27484	0.36761	1.20985	1.20985	0.984605	0.66086	0.596435	1
cg27061966	FARSA	0.514202	0.868341	0.968706	-1.0323	0.8426168	0.674382	-1.54363	0.9442064	1.01403	1.01403	0.575103	0.857147	-1.11465	0.679366	0.929438	-1.08291	0.128196	0.72968	-1.37046	0.357993	0.83431	-1.1986	0.383719	0.642674	-1.18669	0.974778	1.00608	1.00608	0.984662	0.572703	0.51783	1
cg25157499	GAUNT9	0.514205	0.187964	0.415702	-2.40557	0.506765	0.654575	-1.52771	0.631203	1.35566	1.35566	0.678816	0.695397	-1.43803	0.167125	0.595913	-2.52581	0.297357	0.506766	-1.9733	0.0806232	0.295512	-3.38995	0.456699	0.620712	-1.61105	0.464291	0.62585	-1.59775	0.984579	0.17215	0.57228	1
cg07653699	FGF13;FGF13;FGF13	0.514216	0.0842664	0.14007	-7.1393	0.772509	0.742069	-1.34758	0.892644	1.14908	1.14908	0.456011	2.18436	2.18436	0.765792	0.73533	-1.35993	0.08188889	0.13751	-7.27222	0.540029	0.528115	-1.89353	0.897922	0.876265	-1.14121	0.954855	0.943403	-1.05999	0.984577	16.5153	14.9103	1
cg20137927	C6orf176;C6orf176	0.514218	0.943268	0.961887	1.04009	0.9239732	1.24308	1.24308	0.9203161	1.08152	1.08152	0.885209	1.08152	1.08152	0.855209	1.08152	-1.08152	0.997256	0.997103	-1.00291	0.218712	0.97682	0.97682	0.491987	1.06774	1.06774	0.607804	1.54771	1.547711	0.984577	11.1072	10.0128	1
cg20541582	UGP2;UGP2	0.514218	0.823615	0.864509	-1.15673	0.3605021	0.846111	1.84611	0.912075	0.930497	-1.07469	0.400399	0.570426	-1.75307	0.968475	0.974556	-1.02611	0.841784	0.877796	-1.13922	0.715034	0.787306	-1.27015	0.294916	0.23077	2.03077	0.054243	0.15644	4.15644	0.984575	0.63221	0.58766	1
cg08085317	SOX20T	0.51422	0.555634	0.804318	-1.24623	0.2020837	0.608715	-1.69281	0.1842622	0.530809	-1.92675	0.768175	1.11533	1.11533	0.519666	0.795821	-1.27255	0.760534	1.11622	1.11622	0.742382	0.83562	-1.14074	0.799881	1.13104	1.13104	0.217557	1.61452	1.614522	0.98457	2.12646	1.91981	1
cg24135939	TRERF1	0.514223	0.210921	0.744241	-1.34365	0.753442	0.931822	-1.07317	0.484949	1.17238	1.17238	0.192843	0.821881	-1.21672	0.390967	0.82122	-1.21772	0.69172	0.914558	-1.09342	0.274354	0.775007	-1.29031	0.0615913	0.623852	-1.60295	0.928829	0.980456	-1.01993	0.98457	0.783087	0.706986	1
cg24802899	SNCAIP	0.514221	0.3666	0.661271	-1.51224	0.3142994	0.627594	-1.59339	0.352163	0.652498	-1.53257	0.130963	0.483274	-2.06922	0.073247	0.410348	-2.43695	0.403835	0.683245	-1.4636	0.575911	0.77275	-1.28659	0.980329	1.03105	1.03105	0.218718	0.561678	-1.78038	0.984569	3.10041	2.79911	1
cg25107609	CTBP2;CTBP2	0.514223	0.898911	0.946868	-1.05631	0.6746269	0.3489	2.3489	0.28165	0.762486	1.07244	0.7744	0.607197	1.63727	0.39917	0.690199	-1.44886	0.634368	1.40867	1.40867	0.0459	0.945137	1.031	1.031	0.495134	0.704263	1.34656	0.984565	2.8754	2.59778	1
cg01182159	CDK10;CDK10;CDK10;CDK10;CDK10;CD	0.514228	0.278322	1.59025	1.59025	0.305203	1.54794	1.54794	0.201519	1.74202	1.74202	0.114555	2.02643	2.02643	0.985781	0.992693	-1.00736	0.109474	2.0506	2.0506	0.954002	1.02402	1.02402	0.300618	1.55486	1.55486	0.637716	1.21554	1.21554	0.984557	2.64064	2.38405	1
cg13582782	RAB18	0.514252	0.668228	1.07765	1.07765	0.67917	1.7048	1.7048	0.320478	0.836899	-1.19489	0.952623	1.01036	1.01036	0.639497	0.92143	-1.08527	0.731209	1.06164	1.06164	0.534185	0.683486	-1.46309	0.69368	1.07107	1.07107	0.373479	1.17171	1.17171	0.984515	0.469101	0.423537	1
cg18745184	RPL13AP5;SNORD32A;RPL13A	0.514268	0.257418	0.782676	-1.27767	0.825412	1.04687	1.04687	0.781388	1.05937	1.05937	0.11993	0.704848	-1.41874	0.686525	1.08775	1.08775	0.110839	0.697558	-1.43357	0.700258	0.922933	-1.0835	0.830058	1.04557	1.04557	0.561989	1.12925	1.12925	0.984486	0.6702	0.605121	1
cg17374677	ZNF343	0.514273	0.598951	0.823918	-1.2137	0.742955	1.17648	1.17648	0.254633	1.12453	1.12453	0.12153	1.12153	1.12153	0.37284	1.16212	-1.16212	0.73941	0.907025	1.10255	0.14151	0.227551	1.58774	1.58774	0.350077	1.14108	1.4108	0.913978	0.963058	1.018366	0.64778	1.87522	1
cg22856287	HMGA1;HMGA1;HMGA1;HMGA1;HMG	A1	0.514278	0.730677	0.87602	-1.14153	0.815703	1.09356	1.09356	0.869463	1.06502	1.06502	0.491029	1.30729	1.30729	0.588725	1.23258	1.23258	0.040986	7	0.405104	2.46834	0.932014	1.03323	1.03323	0.858371	1.43529	1.43529	0.832372	1.08458	1.08458	0.984469	2.28793	2.0658	1
cg02511456	MNX1;MNX1	0.514281	0.656548	0.750784	-1.33194	0.0332929	0.203249	-9.92008	0.235242	0.450801	-2.21827	0.446092	0.608101	-1.64446	0.44208	0.605328	-1.652	0.800325	0.850173	-1.17623	0.347968	0.538551	-1.85683	0.326511	0.522694	-1.91317	0.489709	0.63801	-1.56737	0.984464	6.39527	5.77439	1
cg01422274	TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPA	N4;TSPAN4;TSPAN4	0.514303	0.0907479	0.560127	-1.78531	0.858943	1.05089	1.05089	0.373881	1.3283	1.3283	0.992663	1.00286	1.00286	0.300153	0.716092	-1.39647	0.805914	0.926292	-1.07952	0.513725	0.815196	-1.2267	0.151925	0.620385	-1.6119	0.811223	1.07726	1.07726	0.984426	1.50825	1.36188	1
cg07747690	MIR518;C3orf50	0.514305	0.44751	1.30183	1.30183	0.453798	1.31115	1.31115	0.935527	1.02795	1.02795	0.304974	0.69632	-1.43612	0.335922	1.40225	1.40225	0.851448	0.938134	-1.06595	0.8845461	1.91567	1.91567	0.92078	0.966674	-1.03448	0.395682	0.743507	-1.34498	0.984421	1.81001	1.63436	1
cg20765168	RNF182;RNF182;RNF182;RNF182	0.514315	0.570973	0.793602	-1.26208	0.197583	0.703033	1.42241	0.208474	0.429134	2.33001	2.33001	0.730707	-1.36853	0.088005	0.60234	-1.66008	0.282455	0.637308	-1.56907	0.313766	0.458383	2.18169	0.458383	0.650099	-1.53722	0.680328	0.88059	-1.1356	0.984415	2.54116	2.29457	1
cg22818604	SEC24B;SEC24B	0.514315	0.475608	0.566577	-1.76498	0.254933	2.53168	2.5368	0.644305	1.43922	1.43922	0.791131	0.812304	-1.23107	0.673817	0.717807	1.39313	0.116232	0.262658	-3.80723	0.839027	1.17269	1.17269	0.175169	0.09324	3.09324	0.80443	1.21447	1.21447	0.984412	0.5628	0.863487	1
cg25881328	AHNGEF10	0.514317	0.424457	1.72585	1.72585	0.539236	0.659766	-1.51569	0.765289	0.818483	-1.22177	0.848208	1.13678	1.13678	0.035007	0.193292	-5.17352	0.99145	0.992857	-1.00719	0.635041	1.37697	1.37697	0.680038	1.31975	1.31975	0.863086	0.890943	-1.12241	0.9844	0.97816	0.8311	1
cg12372754	NUS1	0.514319	0.257053	1.90653	1.90653	0.164544	0.992318	-1.00225	0.882172	1.18353	1.18353	0.246353	1.12453	1.12453	0.0189157	0.185217	-5.39985	0.633359	0.928917	-1.07625	0.202729	0.645661	-1.54925	0.302414	0.900765	-1.11017	0.472209	0.893867	-1.11873	0.98439	0.367051	0.331442	1
cg07383680	MTF1;MTF1B	0.514329	0.801165	0.955004	-1.04712	0.146929	0.752761	-1.32844	0.518141	1.12697	1.12697	0.757905	0.945153	-1.05803	0.500338	1.13292	1.13292	0.674374	0.9258	-1.08015	0.0641842	0.684223	-1.46151	0.956374	1.00998	1.00998	0.87244	1.02975	1.02975	0.984379	0.518965	0.468622	1
cg14402800	GDNF	0.514335	0.656156	0.855106	-1.16903	0.2490339	0.774966	-1.29063	0.1998191	0.993918	1.00815	0.0373383	1.00305	1.00305	0.962227	0.99207	-1.00794	0.902804	1.08488	1.08488	0.0758001	0.608311	-1.6449	0.622757	1.1269	1.1269	0.0403109	1.26723	1.267233	0.984379	0.704889	0.619189	1
cg02161919	PHKA2	0.514364	0.205386	0.172193	-5.80744	0.112034	0.102445	-9.76132	0.970338	0.952221	-1.05018	0.310211	3.98518	3.98518	0.817888	1.35485	1.35485	?	?	?	0.685621	1.7089	1.7089	0.846882	1.28987	1.28987	0.50118	2.45696	2.45696	0.97407	23.7739	24.4067	1
cg09094804	NUDT21;OGFOD1;OGFOD1	0.514374	0.200273	0.474424	-2.10782	0.502738	1.45479	1.45479	0.773712	1.20386	1.20386	0.250406	1.93855	1.93855	0.568476	1.35389	1.35389	0.49099	1.4704	1.47043	0.281263	0.539452	-1.85373	0.189721	2.15018	2.15018	0.887873	1.08086	1.08086	0.984301	4.73526	4.27625	1
cg10692528	NCAPG2	0.514394	0.835977	1.08616	1.08616	0.456714	0.739215	-1.35279	0.124673	0.515467	-1.93999	0.45328	0.757446	-1.35603	0.144448	0.535289	-1.86815	0.201204	0.583853	-4.71276	0.151791	0.54219	-1.84437	0.918279	1.04176	1.04176	0.812533	0.909635	-1.09934	0.984267	2.47735	2.23729	1
cg02180545	C10orf2	0.514397	0.270076	1.67696	1.67696	0.924437	1.04363	1.04363	0.27995	1.65801	1.65801	0.251747	1.71559	1.71559	0.192853	1.58844	1.58844	0.0995576	2.25282	2.25282	0.512575	1.34847	1.34847	0.410458	2.03934	2.03934	0.215437	1.7985	1.7985	0.984262	3.15909	2.85258	1
cg00933835	ALLC	0.514401	0.640158	0.767772	-1.30247	0.0483318	0.281867	-3.54778	0.123406	0.391924	-2.55152	0.901223	0.932679	-1.07218	0.685632	0.795795	-1.2566	0.495587	0.678161	-1.47458	0.583495	0.732871	-1.3645	0.412474	0.624809	-1.60049	0.694551	1.24796	1.24796	0.984254	4.91089	4.43507	1
cg02930200	DNAJ11	0.514402	0.366382	1.27007	1.27007	0.529417	1.17337	1.17337	0.784359	1.05102	1.05102	0.695295	1.13846	1.13846	0.53917	1.1731	-1.1731	0.633359	0.928917	-1.07625	0.202729	0.645661	-1.54925	0.302414	0.900765	-1.11017	0.472209	0.893867	-1.11873	0.98439	0.367051	0.331442	1
cg06851827	RNPEP	0.514406	0.88408	1.01988	1.01988	0.949764	0.991535	-1.00854	0.36287	0.883091	-1.13248	0.61915	0.934620	-1.06994	0.133512	1.24273	1.24273	0.164505	0.818651	-1.09399	0.421471	0.895122	-1.11717	0.984246	0.283753	0.256262	1
cg15088822	DIAPH1;DIAPH1	0.514408	0.865122	1.08193	1.08193	0.802035	0.920466	-1.08603	0.446369	1.14639	1.14639	0.623385	0.792734	-1.26162	0.085388	0.620469	-1.61192	0.636474	0.940553	-1.0635	0.548144	0.609572	-1.64043	0.32858	0.80656	-1.24002	0.232329	1.11132	1.11132	0.98452	1.86562	1.68219	1
cg09931872	WDFY4	0.514421	0.884822	0.963725	-1.03764	0.243631	0.732722	-1.36477	0.22481	0.722519	-1.38405	0.233339	0.727211	-1.37512	0.122403	0.652631	-1.53226	0.695406	0.904561	-1.10551	0.453723	1.21501	1.21501	0.212577	0.715573	-1.39748	0.605483	0.875617	-1.14205	0.984219	1.01293	0.914823	1
cg08741214	MTHFD2;MTHFD2	0.514422	0.541135	1.09651	1.09651	0.148288	1.25979	1.25979	0.732033	1.21	1.21	0.609746	0.938446	-1.06558	0.988005	1.00234	1.00234	0.943531	1.15641	1.15641	0.0629944	0.866011	1.15455	1.15455	0.0960932	1.25364	1.25364	0.984217	0.945797	0.31225	1
cg20713269	ECE1;ECE1;ECE1;ECE1	0.514426	0.561187	0.870879	-1.14826	0.454453	0.74907	-1.33507	0.47907	0.960218	-1.04167	0.824564	1.13957	1.13957	0.377754	1.06885	1.06885	0.232715	0.744933	-1.3424	0.239326	1.31636	1.31636	0.88094	0.96708	-1.03404	0.700279	1.09465	1.09465	0.98421	0.863056	0.779469	1
cg06095869	KCNJ;KCNJ;KCNJ;KCNJ;KCNJ;KCNJ1	0.514428	0.808423	1.04115	1.04115	0.969053	1.01232	1.01232	0.507056	0.808544	-1.23679	0.769509	1.09721	1.09721	0.0393863	0.471197	-2.12225	0.838254	1.06666	1.06666	0.797655	0.922085	-1.0845	0.46587	0.791119	-1.26403	0.198474	0.651111	-1.53584	0.984208	1.55392	1.40342	1
cg10798660	CDON	0.514429	0.340923	1.36959	1.36959	0.165424	0.992318	-1.00225	0.882172	1.18353	1.18353	0.246353	1.12453	1.12453	0.0189157	0.185217	-5.39985	0.633359	0.928917	-1.07625	0.202729	0.645661	-1.54925	0.302414	0.900765	-1.11017	0.472209	0.893867	-1.11873	0.98439	0.367051	0.331442	1
cg20755353	SSU72	0.5443	0.908705	0.978185	-1.0223	0.213011	0.776168	-1.28838	0.094504	1.4238	1.4238	0.707972	1.07503	1.07503	0.267076	0.800668	-1.24896	0.960448	0.991849	-1.00822	0.462281	0.865995	-1.15474	0.590681	0.900868	-1.11004	0.576668	0.898015	-1.11357	0.984205	0.576249	0.520442	1
cg19879539	LOC154761	0.514451	0.932397	1.011	1.011	0.87806	1.05531	1.05531	0.0945712	1.26739	1.26739	0.402824	1.15191	1.15191	0.37509	0.889232	-1.12451	0.92683	1.02368	1.02368	0.798005	0.961395	-1.04056	0.975638	1.00795	1.00795	0.848098	1.02504	1.02504	0.984178	0.729211	0.634114	1
cg03147312	NAGPA	0.514455	0.275354	1.76033	1.76033	0.37428	1.85709	1.85709	0.2008	2.14821	2.14821	0.58257	1.45757	1.45757	0.202952	1.4016453	2.14899	0.15765	1.49554	1.49554	0.236106	0.840557	-1.32257	0.524501	1.54923	1.54923	0.971297	1.02472	1.02472	0.984176	7.18103	6.48577	1
cg14948912	GATAD2A	0.514455	0.686316	0.953464	-1.04881	0.503179	1.29925	1.29925	0.569932	1.06972	1.06972	0.667964	1.05195	1.05195	0.441894	1.09641	1.09641	0.256277	0.870154	-1.14922	0.973492	0.996108	-1.00391	0.781184	1.03322	1.03322	0.576394	1.06849	1.06849	0.98416	0.214733	0.193946	1
cg06437942	NUP188;DOLK	0.514465	0.589525	0.817478	-1.22355	0.594251	1.08663	1.08663	0.297761	1.47681	1.47681	0.572914	1.21855	1.21855	0.194922	1.27251	1.27251	0.0994553	1.24053	1.24053	0.147181	0.629098	-1.58988	0.0613715	1.36954	1.36954	0.788002	1.09861	1.09861	0.984173	1.80675	1.64904	1
cg22767015	AGAP1;AGAP1	0.514471	0.833187	0.877698	-1.13934	0.279983	0.499244	-2.00303	0.593961	0.716898	-1.3949	0.17995	2.41292	2.41292	0.960235	0.969632	-1.03132	0.944215	1.04424	1.04424	0.590678	1.39912	1.39912	0.181693	2.40343	2.40343	0.178785	2.41933	2.41933	0.984132	5.96305	5.38595	1
cg01512228	KCNC4;KCNC4;KCNC4	0.514477	0.84159	0.978096	-1.02177	0.0662141	1.24824	1.24824	0.47709	1.0809	1.0809	0.827396	1.02378	1.02378	0.818597	0.975581	-1.02503	0.137086	1.18807	1.18807	0.613284	0.946912	-1.05609	0.854001	1.25364	1.25364	0.984217	0.945797	0.31225	1
cg23467747	AGAP1;AGAP1	0.514495	0.559516	1.19671	1.19671	0.852367	1.05833	1.05833	0.514926	0.81796	-1.22255	0.812942	1.0748	1.0748	0.915159	0.981682	-1.01866	0.946334	1.0207	1.0207	0.0294978	2.18157	2.18157	0.757965	1.09863	1.09863	0.566823	0.839429	1.19129	1.19129	0.984091	1.4433	1.30367	1
cg24360742	PO2D2	0.514496	0.977364	0.992196	-1.00787	0.415231	0.79456	-1.25856	0.183505	0.677272	-1.47651	0.90011	1.03529	1.03529	0.324294	0.754953	-1.32459	0.51504	1.19997	1.19997	0.1178	1.59841	1.59841	0.517061	1.19889	1.19889	0.985833	0.995109	-1.00492	0.984088	1.18852	1.07355	1
cg08365388	SASH1	0.514497	0.197883	0.796521	1.25553	0.0423168	0.992318	-1.00225	0.882172	1.18353	1.18353	0.246353	1.12453	1.12453	0.0189157	0.185217	-5.39985	0.633359	0.928917	-1.07625	0.202729	0.645661	-1.54925	0.302414	0.900765	-1.11017	0.472209	0.893867	-1.11873	0.98439	0.367051	0.331442	1
cg26902216	MAL2	0.514502	0.304341	1.39579	1.39579	0.767233	0.91115	-1.09751	0.20812	0.659666	-1.51592	0.307167	1.39285	1.39285	0.134237	0.860496	-1.16212	0.371422	1.33334	1.33334	0.284297	0.705626	-1.41718	0.32978	1.37062	1.37062	0.698646	1.297	1.297	0.984078	0.53152	0.138337	1
cg23475018	KALRN	0.514503	0.220925	1.84841	1.84841	0.541255	0.882155	-1.13475	0.2709	0.499885	-2.00046	0.273653	0.871385	-1.14523	0.530737	0.778455	-1.28505	0.270278	1.6562	1.6562	0.0991871	1.1041	1.1041	0.94044	1.03046	1.03046	0.912753	0.559043	1.78833	1.788334	0.98414	1.25332	1
cg21663359	TSNARE1	0.514515	0.449683	0.534717	-1.87015	0.148452	0.283761	-3.5241	0.693881	1.37916	1.37916	0.84549	1.17182	1.17182	0.389272	0.488207	-2.04831	0.377793	0.479299	-2.08638	0.199631	0.332458	-3.0079	0.0960815	0.226456	-4.41587	0.981678	1.01884	1.01884	0.984055	0.20932	0.29774	1
cg20155676	NCRNA00171	0.514521	0.128142	0.384611	-2.60003	0.441867	0.634083	-1.57708	0.305855	0.540137	-1.85138	0.501731	1.48602	1.48602	0.285089	0.524641	-1.90607	0.292422	0.530162	-1.88622	0.245765	0.459384	-2.02436	0.933767	1.04947	1.04947	0.206547	0.461178	-2.16836	0.984045	5.26006	4.75142	1
cg21661027	GAUS1	0.514526	0.242407	0.6242	-1.60216	0.178561	0.621104	-1.61004	0.188516	0.494253	-2.02189	0.783209	1.11279	1.11279	0.0993299	0.898172	-1.11339	0.159796	0.789366	-1.26708	0.168548	0.641704	-1.55807	0.384532	0.70754	-1.41337	0.754	1.00754	1.00754	0.98429	0.954459	-1.04771	0.984037	2.13922	2.11367	1
cg20704777	BEST3;BEST3	0.514527	0.158793	0.435708	-2.29511	0.501045	0.686125	-1.45746	0.34063	1.40729	1.40729	0.973526	0.981863	-1.01847	0.996366	0.997491	-1.00251	0.81878	0.8811	-1.13495	0.541888	1.40576	1.40576	0.657202	0.781644	-1.27935	0.059257	0.308936	3.23692	0.984035	0.47157	0.42831	1
cg10418167	TGIF2	0.514528	0.52233	1.17907	1.17907	0.691199	1.13575	1.13575	0.113766	1.5421	1.5421	0.644609	1.07004	1.07004	0.744609	1.14603	-1.14603	1.203747	1.40601	1.40601	0.0144559	0.893746	-1.1224	0.0663117	1.07872	1.07872	0.784034	1.00571	1.00571	0.984027	0.598469	0.530691	1
cg02772159	SH3PXD2B	0.514532	0.575077	0.692999	-1.443	0.122101	2.9592	2.9592	0.273211	2.09241	2.09241	0.711473	1.27228	1.27228	0.157879	0.376197	2.65818	0.566731	0.45489	-2.19805	0.645385	0.747634	-1.33755	0.941192	0.953353	-1.04893	0.617744	1.38508	1.38508	0.984025	0.53335	0.5017	1
cg18057723	FAM172A;FAM172A;POLSF2;FAM172A	;FAM172A;POLSF2	0.514536	0.675534	0.909396	-1.09963	0.07456	1.56547	1.56547	0.258143	1.30502	1.30502	0.518425	1.15917	1.15917	0.586914	0.883582	-1.13176	0.473326	1.17886	1.17886	0.236361	1.32305	1.32305	0.291242	1.28029	1.28029	0.599943	1.12682	1.12682	0.984018	0.793308	0.716616	1
cg04157243	MTJP1;ALATP11A	0.514541	0.194272	0.827548	-1.20839	0.572878	1.0817	1.0817	0.191245	1.20898	1.20898	0.137812	0.802303	-1.24641	0.725186	0.952515	-1.04985	0.581207	1.07982	1.07982	0.707425	1.05334	1.05334	0.738056	0.9618	-1.03972	0.616308	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1521 vs. N)	Fold-Change(1521 vs. N)	p-value(1527 vs. N)	Fold-Change(1527 vs. N)	p-value(1547 vs. N)	Fold-Change(1547 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	p-value(1647 vs. N)	Fold-Change(1647 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg25106783	PRR4;TAS2R43;TAS2R43;PRH1	0.514962	0.260673	0.538741	-1.78974	0.117866	0.492172	-2.03181	0.685528	1.22299	1.22299	1.22299	0.241022	1.183853	1.183853	1.31443	1.67557	1.67557	0.137475	1.643263	-1.57663	0.529686	1.37149	1.37149	0.701818	1.06301	0.816714	0.891196	-1.12209	0.883274	3.83358	3.46559	1
cg18247223	TSPAN18 | RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R NH1;RNH1	0.514967	0.920244	0.957526	-1.04436	0.0447896	2.71343	2.71343	0.743895	1.51265	0.615502	0.822925	-1.21518	0.787693	1.1241	1.1241	0.466865	1.37831	1.37831	0.4393	0.710466	-1.40752	0.417835	1.4316	1.4316	0.58816	0.789044	-1.26736	0.983266	2.92467	2.64395	1
cg24778081	NH1;RNH1	0.514973	0.512156	0.832514	-1.20118	0.220699	0.701173	-1.42618	0.556635	1.17813	1.17813	0.49506	0.826111	-1.21049	0.815411	0.937555	-1.0666		0.583521	1.16493	1.16493	0.0906275	1.67203	1.67203	0.392594	1.27314	1.27314	0.990728	0.996801	-1.00321	0.983256	1.18391	1.07029	1
cg23500059	CNTN1;CNTN1	0.514976	0.484165	1.1428	1.1428	0.288697	1.22971	1.22971	0.163478	1.32209	0.364086	1.19137	1.19137	0.132134	0.888241	-1.12582			0.70874	0.931975	-1.07299	0.223927	0.78673	-1.27108	0.482269	0.874519	-1.14349	0.704931	1.07404	0.1504	0.853215	0.548897	0.49622	1
cg07155381	RPH3AL	0.514982	0.253837	0.427701	-2.33868	0.0736443	1.35671	1.35671	0.528406	1.58407	0.490213	0.605138	0.4524	0.585971	0.255031	-2.0524			0.933283	0.941483	-1.06215	0.618077	1.43529	1.43529	0.188309	0.366435	-2.729	0.929645	0.938383	-1.06566	0.883239	0.87673	0.3017	1
cg17430370	RJMY038	0.514983	0.937397	0.947207	-1.05574	0.281479	0.461688	-2.16597	0.0670473	0.242355	-4.12618	0.545456	0.655414	-1.53575	0.915139	0.920045	-1.07637		0.800368	0.839494	-1.19119	0.394217	0.547407	-1.82679	0.300588	2.09728	2.09728	0.579582	1.47165	1.47165	0.983238	7.42422	6.71181	1
cg00839802	MAN1A1	0.514983	0.3549	0.67494	0.699343	1.23407	1.23407	0.664161	0.60731	3.07929	3.07929	0.785643	0.262656	-1.15922	0.856274	1.10325	1.10325		0.171037	0.453879	-2.20323	0.847395	0.900852	-1.11006	0.83892	1.11662	1.11662	0.811262	1.13843	0.983238	4.57375	4.13487	1
cg06994834	BMPER	0.514986	0.359221	1.67948	1.67948	0.13884	2.40191	2.40191	0.15535	2.30768	2.30768	0.416423	1.579	1.579	0.234525	1.98446	1.98446		0.2407	1.96511	1.96511	0.102268	2.67375	2.67375	0.683408	1.25296	1.25296	0.552626	1.39152	1.39152	0.983234	4.71043	4.25845	1
cg27212520	MAD1L1;MAD1L1;MAD1L1	0.514989	0.751242	1.37308	1.37308	0.0753861	1.31097	1.31097	0.193743	1.39071	1.93743	1.39071	1.16575	1.39071	0.0997049	0.493439	-2.47317		0.942897	0.964681	-1.06383	0.568977	1.25151	1.25151	0.297402	0.954887	-1.04733	0.495341	1.41556	1.41556	0.983228	3.92351	3.54706	1
cg03191830	ETV2	0.515	0.367659	1.73575	1.73575	0.265238	1.99746	1.99746	0.91771	1.06352	1.06352	0.86035	0.900382	-1.11064	0.496683	1.5087	1.5087		0.563899	0.709245	-1.40995	0.268933	0.50353	-1.98508	0.340405	-2.87022	0.966423	1.0254	1.0254	0.983209	5.5296	4.99914	1
cg22153873	BCL11A;BCL11A;BCL11A	0.515	0.749053	1.07284	1.07284	0.142287	1.4482	1.4482	0.322901	1.786802	1.27097	0.829572	0.950638	-1.05192	0.47995	1.04497	-1.13415		0.46345	1.15154	1.15154	0.442372	0.831984	-1.20195	0.347956	1.32796	1.32796	0.426255	0.826278	-1.21025	0.98321	0.83874	0.77926	1
cg11931596	IL7	0.515014	0.60149	0.680294	-1.46966	0.796588	0.83386	-1.10924	0.819414	2.06811	2.06211	0.825471	1.16806	1.16806	0.155148	0.342989	-2.91554		0.258288	0.436194	-2.29256	0.105301	0.488009	-2.04908	0.147212	0.62772	0.709125	-1.41019	0.902451	1.00907	1.00907	0.983184	7.70378	6.96493	1
cg01935591	F5	0.515015	0.336067	0.840721	-1.18946	0.902768	1.02161	1.02161	0.597205	1.19989	0.911599	0.831886	0.832684	-1.20094	0.189604	0.78425	-1.2751		0.519163	0.896958	-1.11488	0.0732341	0.704138	-1.42018	0.444731	0.872608	-1.14599	0.332873	0.839694	-1.19001	0.983182	0.476382	0.430694	1
cg03244437	ANKRD36B;ANKRD36B	0.515021	0.226648	1.93497	1.93497	0.784886	1.46886	-1.15889	0.205028	2.458909	2.458909	0.567708	0.549418	-1.82011	0.807044	0.840858	-1.11569		0.20917	0.502255	-1.99088	0.272242	0.55566	-1.79966	0.642518	1.27516	1.27516	0.985544	1.00947	1.00947	0.983173	4.21032	3.80656	1
cg25614222	ZBTB44	0.515021	0.487387	0.904791	-1.10523	0.749992	0.95568	-1.04638	0.137624	0.79714	-1.25448	0.796811	1.03726	1.03726	0.622801	1.07283	1.07283		0.631589	1.0709	1.0709	0.898041	1.01834	1.01834	0.726228	1.05111	1.05111	0.0825917	1.3134	1.3134	0.983172	0.313095	0.28307	1
cg22185515	PRDM1	0.515031	0.486878	1.47027	1.47027	0.110069	2.58243	2.58243	0.557246	1.38249	1.38249	0.986098	1.005951	1.005951	0.713897	0.816772	-1.22433		0.699703	0.809443	-1.23541	0.354872	0.594934	-1.68086	0.132254	2.42628	2.42628	0.477715	1.48352	1.48352	0.983157	4.63592	4.19105	1
cg00262601	PYCRL	0.515032	0.134862	2.643885	-1.83803	0.554452	0.773022	-1.29362	0.523859	0.756099	-1.32258	0.872208	-1.14652	0.0927199	0.45422	-2.20357			0.122394	0.484534	-2.06384	0.302858	0.847146	-1.18043	0.477546	1.36691	1.36691	0.876305	0.934805	-1.06974	0.983153	2.91681	2.63715	1
cg07620571	KCNJ3	0.515037	0.978403	1.02499	1.02499	0.148897	4.10319	4.10319	0.0335605	9.62439	9.62439	0.833306	1.21192	1.21192	0.981852	0.97947	-1.02096		0.70451	1.41549	1.41549	0.793168	1.27079	1.27079	0.83674	1.20705	1.20705	0.926343	0.919131	-1.08798	0.983144	12.9503	11.7087	1
cg24638766	BRAF	0.515051	0.786673	0.943885	-1.06087	0.733983	1.113	1.113	0.32768	1.37325	1.37325	0.990371	0.99622	-1.00378	0.992558	0.970647	-1.0304		0.259851	0.691501	-1.44613	0.568403	0.834487	-1.19834	0.36965	1.78389	1.78389	0.13531	0.113321	1.71775	1.71775	0.983119	1.53375	1.38675	1
cg19801460	ZNF431	0.515056	0.248185	1.58809	0.917881	0.961255	-1.04031	0.364855	1.42869	1.42869	0.427424	0.733111	-1.36405	0.641794	1.19662	1.19662			0.480999	1.31582	1.31582	0.103813	0.505847	-1.97688	0.307485	1.15538	1.15538	0.436043	1.3559	1.3559	0.983111	2.28584	2.06676	1
cg20981402	CAPRIN1;CAPRIN1	0.515074	0.327295	0.553659	1.57834	0.504836	1.03816	1.03816	0.707171	1.51971	1.51971	0.914718	2.21014	2.21014	0.173129	1.78615	1.78615	0.625482	1.40857	1.40857	0.418227	0.881784	1.34574	1.34574	1.34574	0.0980753	1.49804	1.49804	0.983109	2.68273	2.42364	1
cg24552260	MEIX	0.515075	0.79955	1.13025	1.13025	0.207672	1.89518	1.89518	0.206332	0.52655	-1.89915	0.255377	1.77073	1.77073	0.47181	1.42218	1.42218		0.722252	0.842196	-1.18737	0.299113	0.5958	-1.67841	0.468731	1.42579	1.42579	0.568146	1.31997	1.31997	0.983078	3.60518	3.25977	1
cg16737567	BTBD10	0.515081	0.853152	0.762949	-1.29997	0.641809	0.052614	-19.0063	0.699588	0.577542	-1.73148	0.904781	1.58462	1.58462	1.7	7	7		7	7	7	0.313483	0.570645	1.75252	1.75252	0.101742	0.10742	0.959689	21.697	28.2198	1
cg11804724	DNAH14;DNAH14;DNAH14	0.515091	0.264896	0.556293	1.79792	0.213741	0.520887	-1.9208	0.567708	0.74713	-1.33845	0.699199	0.822306	1.216758	0.160731	0.481939	2.07495		0.565546	1.34068	1.34068	0.379395	0.629888	-1.58758	0.175301	1.17272	1.17272	0.10911	0.414018	-2.41535	0.98305	3.96617	3.58627	1
cg19981185	MTIF3;MTIF3;MTIF3;MTIF3	0.515094	0.379415	1.35231	1.35231	0.628803	0.849556	-1.17709	0.690434	1.14338	1.14338	0.443481	1.69014	1.69014	0.979085	1.00881	1.00881		0.939534	0.974927	-1.02572	0.266654	0.678841	-1.4731	0.30088	0.698518	-1.4316	0.260108	0.674914	-1.48367	0.983044	1.74421	1.57715	1
cg25181845	KIAA0226;KIAA1026	0.515104	0.588268	1.13335	1.13335	0.526244	0.731189	-1.40215	0.548181	1.83816	1.03816	0.948834	1.03425	1.03425	0.948842	1.03425	0.948842		0.678218	1.24559	1.24559	0.0753264	0.874009	1.14403	1.14403	0.983037	0.983037	0.983037	0.983037	-1.41225	0.983037	4.31551	3.90044	1
cg11719412	TATDN1;TATDN1;NDUFB9;TATDN1	0.515122	0.873429	0.03695	1.03695	0.0487104	1.66914	1.66914	0.946808	1.0153	1.0153	0.878393	1.03546	1.03546	0.890478	1.03185	1.03185		0.768671	0.935088	1.07642	0.739137	0.703025	1.09037	1.09037	0.659552	1.10615	1.10615	0.982995	0.806203	0.729022	1		
cg20007643	FLJ43663;FLJ43663	0.515153	0.779445	1.4188	1.4188	0.429803	2.78613	2.78613	0.235945	5.08956	5.08956	0.6718	1.70398	1.70398	0.910485	1.15004	1.15004		7	7	7	0.047528	16.3959	16.3959	7	7	7	0.44271	2.70154	2.70154	1.04212	17.2556	9.46186	1
cg26458288	PRR16	0.515186	0.954883	1.04948	1.01791	0.0730031	1.32043	1.32043	0.183427	-1.47122	-1.52304	0.0743	-1.22573	0.177083	0.909019	1.00477	1.00477		0.516708	1.22779	1.22779	0.0615118	0.815168	1.37162	1.37162	0.709983	0.709983	0.949792	0.815168	1.37162	1.37162	0.983033	1.37162	1.37162	1
cg08470742	THBS2	0.515142	0.257722	0.617638	-1.61907	0.836388	1.08147	1.08147	0.498838	1.29698	1.29698	0.943165	1.02738	1.02738	0.194296	0.595972	1.67793		0.231267	1.60896	1.60896	0.323557	0.679656	-1.47133	0.652916	0.842438	-1.18703	0.302776	0.667442	-1.49826	0.98296	2.23324	2.01951	1
cg03755033	FAQP6	0.515147	0.709604	1.40905	1.40905	0.0730231	1.08103	1.08103	0.133595	1.07228	1.07228	0.450935	1.00978	1.00978	0.838584	0.93437	1.07033		0.382389	0.82753	-1.20854	0.0742115	0.498802	1.00494	1.00494	0.994129	0.994129	0.994129	0.994129	1.00494	1.00494	0.983005	1.00494	1.00494	1
cg06634056	PSMB9;PSMB9;TAP1	0.515151	0.956097	0.985614	-1.0146	0.624381	0.878186	-1.13871	0.588642	1.15456	1.15456	0.613336	0.874484	-1.14353	0.152765	0.668257	1.49643		0.936082	0.97911	-1.02134	0.0815351	1.66224	1.66224	0.428044	0.808175	-1.23736	0.930121	0.977178	-1.02335	0.982945	1.07856	0.975355	1
cg24700494	MOC1	0.515154	0.263972	1.29478	1.29478	0.428647	1.19635	1.19635	0.956966	1.01204	1.01204	0.278572	1.28398	1.28398	0.174494	0.725811	-1.37777		0.367904	1.22777	1.22777	0.580455	0.8835	-1.13186	0.778494	1.06456	1.06456	0.339246	0.80369	-1.24426	0.982939	0.766321	0.692997	1
cg00362651	LDLI2	0.515163	0.938513	1.06496	1.06496	0.134806	1.15971	1.15971	0.564718	2.21014	2.21014	0.179128	1.76615	1.76615	0.362764	0.774283	-1.29129		0.565546	1.34068	1.34068	0.379395	0.629888	-1.58758	0.175301	1.17272	1.17272	0.10911	0.414018	-2.41535	0.98305	3.96617	3.58627	1
cg02244204	CEP72	0.515164	0.278385	1.57434	1.57434	0.181162	1.77114	1.77114	0.674243	1.18557	1.18557	0.13277	1.92149	1.92149	0.120182	1.97145	1.97145		0.902568	0.951884	-1.05055	0.611465	0.813467	-1.22931	0.81571	1.09857	1.09857	0.405903	1.40829	1.40829	0.982923	2.52391	2.28245	1
cg23112745	PTPN22;PTPN22;PTPRN2	0.515175	0.880246	1.13335	1.13335	0.526244	0.731189	-1.40215	0.548181	1.83816	1.03816	0.948834	1.03425	1.03425	0.948842	1.03425	0.948842		0.964903	1.02123	1.02123	0.153681	0.760027	-1.31574	0.602783	0.940492	-1.06323	0.754202	0.912517	1.09576	1.09576	0.983029	0.983029	0.983029	0.983029	1.09576	1.09576	0.983029	1.09576	1.09576	1
cg27562023	RPH3AL	0.515188	0.402614	1.35575	1.35575	0.890371	0.952178	-1.05022	0.238542	0.644912	-1.5506	0.496982	1.27768	1.27768	0.155901	1.70489	1.70489		0.768062	0.900251	1.1108	0.333266	1.42565	1.42565	0.26426	0.663352	-1.51205	0.774263	0.90287	1.10758	1.10758	0.98295	1.96542	1.77745	1
cg12542238	C2orf77;PHOSPHO2;KLHL23	0.515197	0.277858	0.825033	-1.21207	0.890691	0.976836	-1.02371	0.883353	0.975325	-1.0253	0.996648	0.999284	-1.00072	0.224346	1.24302	1.24302		0.64587	0.92417	-1.08205	0.0721688	0.710317	-1.40782	0.389287	0.860389	-1.16227	0.489168	0.887141	-1.12722	0.982865	0.452194	0.408958	1
cg20741999	PTPN2	0.515203	0.589368	1.13335	1.13335	0.526244	0.731189	-1.40215	0.548181	1.83816	1.03816	0.948834	1.03425	1.03425	0.948842	1.03425	0.948842		0.783948	1.15702	1.15702	0.657526	0.8835	-1.13186	0.778494	1.06456	1.06456	0.339246	0.80369	-1.24426	0.982939	0.766321	0.692997	1
cg01515787	GXYLT2	0.515221	0.06880093	0.553216	-1.80761	0.245866	0.702716	-1.42305	0.971215	1.01054	1.01054	0.200931	0.675268	-1.48089	0.903283	0.742175	-1.34739		0.844349	0.944461	-1.0588	0.594703	0.855477	-1.16894	0.88258	1.0439	1.0439	0.208476	0.680143	-1.47028	0.982824	1.31532	1.1896	1
cg16962557	TMEM154	0.515225	0.62782	1.14286	1.14286	0.482447	1.24473	1.24473	0.612445	1.1748	1.1748	0.159851	1.86200	1.86200	0.143443	0.854794	-1.17005		0.507802	1.20641	1.20641	0.376482	0.52816	-1.89352	0.184208	0.840129	-1.19028	0.242406	0.598151	1.19871	1.19871	0.982805	3.96617	3.58627	1
cg14453762	NTNG2	0.515231	0.640247	0.808618	-1.23668	0.465439	0.715159	-1.39829	0.385076	0.669055	-1.49466	0.94488	0.969277	-1.0317	0.183139	0.528636	-1.89166		0.239986	0.573924	-1.74239	0.207128	0.548593	-1.82285	0.144099	0.492526	-2.03035	0.392974	0.48428	1.48428	0.982805	3.17035	2.86739	1
cg14023073	C11orf84	0.515241	0.040619	0.274098	-3.64918	0.0490854	1.03498	1.03498	0.648718	1.03816	1.03816	0.948834	1.03425	1.03425	0.948842	1.03425	0.948842		0.2916	1.81886	1.81886	0.159099	1.25644	1.25644	0.704745	0.860495	-1.1608	-1.1608	0.912718	1.06177	1.06177	0.982787	4.65171	4.20972	1
cg28839410	NTM	0.515243	0.560063	0.591778	-1.68982	0.564889	1.04256	1.69256	0.824777	0.818285	-1.22207	0.887125	0.985513	-1.0147	0.568824	0.265556	-3.7659		0.242499	0.338087	-2.95611	0.0954218	0.340008	-2.94079	0.440801	0.93589	-1.06981	0.30123	0.103123	0.982772	2.7308	0.515146	1
cg08041350	RSR1	0.515252	0.858952	0.890492	-1.12297	0.205673	2.38812	2.38812	0.464671	1.62452	1.62452	0.828898	1.15156	1.15156	0.808885	0.853856	-1.17116		0.779417	0.832705	-1.20091	0.071785	0.269639	-3.70866	0.500155	1.56243	1.56243	0.520211	0.653772	-1.52959	0.982769	0.63711	0.59801	1
cg12744061	SYCP1	0.515255	0.954883	1.04948	1.01791	0.0730231	1.32043	1.32043	0.183427	-1.47122	-1.52304	0.0743	-1.22573	0.177083	0.909019	1.00477	1.00477		0.516708	1.22779	1.22779	0.0615118	0.815168	1.37162	1.37162	0.709983	0.709983	0.949792	0.815168	1.37162	1.37162	0.983033	1.37162	1.37162	1
cg18177758	CRABP1	0.515256	0.309885	0.515868	-1.93848	0.660672	1.32083	1.32083	0.899068	1.28698	1.28698	0.943165	1.02738	1.02738	0.194296	0.595972	1.67793		0.231267	1.60896	1.60896	0.323557	0.679656	-1.47133	0.652916	0.842438	-1.18703	0.302776	0.667442	-1.49826	0.98296	2.23324	2.01951	1
cg17725417	CHTS	0.515257	0.199463	0.732403	-1.37209	0.898389	0.911703	-1.0303	0.836836	0.952956	-1.04937	0.490211	0.817693	-1.22295	0.649534	0.899817	-1.11282		0.957353	0.987583	-1.01252	0.106202	1.51034	1.51034	0.307033	0.781057	-1.2803	0.912485	0.79966	-1.25053	0.982761	0.84881	0.768683	1
cg01907829	ATP13A1;ATP11A	0.515262	0.855714	0.958049	-1.04339	0.280806	1.29804	1.29804	0.0814	1.29804	1.29804	0.0814	1.13735	1.13735	0.753615	0.928544	-1.07695	0.872546	0.992033	1.03849	-1.03849	0.14	0.57132	1.75132	1.75132	0.647753	0.913446	1.19146	0.269792	0.762945	-1.31071	0.982756	0.86287	0.780453	1
cg06132433	MTMR12	0.515265	0.259375	1.40928	1.40928	0.237971	1.43994	1.43994	0.275918	1.39162	1.39162	0.626001	1.15397	1.15397	0.854322	1.05505	1.05505		0.37556	1.30365	1.30365	0.089966	1.72449	1.72449	0.171481	1.52882	1.52882	0.186202	1.50477	1.50477	0.982747	1.32325	1.19687	1
cg11113723	ANO3;ANO3	0.515268	0.604742	1.08034	1.08034	0.0978278	1.61417	1.61417	0.267905	1.82387	1.82387	0.203008	1.20887	1.20887	0.603008	1.10897	1.10897		0.354928	1.15123	1.15123	0.362096	1.1487	1.1487	0.882284	0.904624	-1.06312	0.819286	0.778662	1.28441	1.28441	0.982675	0.308317	0.278833	1
cg10409131	C4orf52	0.515274	0.739316	1.40001	1.40001	0.0928614	0.618877	0.618877	0.7269	0.702363	-1.42376	0.744491	0.719287	-1.39027	7	7	7		7	7	7	0.377417	0.400258	-2.49839	7	7	7	0.745328	1.3887	1.3887	0.953001	0.98907	12.2286	1
cg16240461	B3GALT1;B3GALT1	0.515275	0.807616	1.12343	1.12343	0.0581607	2.77726	2.77726	0.0976502	2.37972	2.37972	0.832756	1.10614	1.10614	0.591772	1.29467	1.29467		0.989894	0.993976	-1.00606	0.634813	0.795917	1.25641	1.25641	0.95733	1.02585	1.02585	0.882215	0.931715	-1.07329	0.982729	3.54223	3.20398	1
cg02218191	DIP2C	0.515278	0.509679	0.661776	-1.51109	0.264762	0.24015	2.04915	0.470843	1.57269	1.57269	0.752891	1.24267	1.24267	0.394588	0.583792	-1.71294		0.639391	1.33815	1.33815	0.25044	0.476506	-2.09861	0.137076	0.83724	-1.19478	0.216344	0.763116	1.23676	1.23676	0.982724	1.92978	1.56357	1
cg07037725	SPRY4;SPRY4	0.515278	0.542197	0.748691	-1.33566	0.296933	0.602122	-1.66079	0.439846	0.691033	-1.44711	0.567819	1.21726	1.21726	0.175235	0.508507	-1.96654		0.118791	0.451904	-2.21286	0.198624	0.528733	-1.89131	0.615439	0.788519	-1.2682	0.537311	1.34048	1.34048	0.982723	3.42516	3.09811	1
cg08221357	OTUD5;OTUD5;OTUD5;OTUD5	0.515282	0.16148	1.4094	1.4094	0.0990966	0.415124	2.40944	0.0274	0.414912	0.414912	0.0274	0.506113	-1.97584	0.236063	4.24929	4.24929		0.215701	1.27446	1.27446	0.0615118	0.815168	1.37162	1.37162	0.709983	0.709983	0.949792	0.815168	1.37162	1.37162	0.983033	1.37162	1.37162	1
cg14014879	ABCA4	0.5129	0.256745	0.723731	-1.38173	0.325653	1.31946	1.31946	0.610324	1.15072	1.15072	0.491255	1.21042	1.21042	0.524062	0.838316	-1.19287		0.221699	0.704091	-1.42027	0.53788	0.843347	-1.18575	0.567373	1.17184	1.17184	0.241118	1.3982	1.3982	0.982702	1.16125	1.05039	1
cg22274539	C12orf42;C12orf42	0.515307	0.577716	0.707954	-1.41253	0.780152	1.28155	1.28155	0.548456	1.28155	1.28155	0.548456	0.753759	-1.32668	0.297805	0.861353	-1.16091		0.647736	1.09208	1.09208	0.269191	0.716353	-1.39597	0.327958	0.719292	-1.39025	0.146404	0.702758	-1.42331	0.982698	0.553819	-1.80562	0.0923218	0.826855	1
cg22224310	MBD2;MBD2	0.515337	0.342137	0.760214	-1.30546	0.93578	1.02219	1.02219	0.153574	1.55606	1.55606	0.793481	1.07406	1.07406	0.677725	1.12054	1.12054		0.619218	0.872462	-1.14618	0.167309	0.669727	-1.49315	0.385552	1.27413	1.27413	0.384584	1.27479	1.27479	0.982622	1.15422	1.04412	1
cg01380884	EDC3;EDC3;EDC3	0.515337	0.98376	0.962609	-1.00745	0.669505	0.855133	-1.16941	0.538831	1.29458	1.25458	0.774452	1.1104	1.1104	0.290357	0.670343	-1.49177		0.585041	1.2226	1.2226	0.173029	1.69637	1.69637	0.114365	1.87002	1.87002	0.28371	1.50073	1.50073	0.982621	2.06751	1.87029	1
cg21131796	NCOR2;NCOR2	0.515337	0.697027	1.28034	1.28034	0.378278	1.63703	1.63703	0.844602	1.00001	1.00001	0.629437	1.16968	1.16968	0.0906104	0.783255	-1.27695		0.783151	1.88586	1.88586	0.0178	2.2468	2.2468	0.206413	0.442884	1.40516	1.40516	0.982614	1.03036	0.731489	1		
cg17597419	PPP1R15B	0.515345	0.415682	0.852734	-1.1727	0.71244	0.931563	-1.07346	0.819486	1.04474	1.04474	0.534827	0.886599	-1.12791	0.694331	1.07857	1.07857		0.343849	0.829673	-1.20529	0.0198252	0.634413	-1.57626	0.596133	0.902649	-1.10785	0.583992	1.1117	1.1117	0.982607	0.570655	0.516228	1
cg25933400	STMN4	0.515347	0.653639	1.12343	1.12343	0.0581607	2.77726	2.77726	0.0976502	2.37972	2.37972	0.832756	1.18017	1.18017	0.522226	1.21165	1.21165	0.557822	1.21165	1.21165	0.557822	1.21165	1.21165	0.557822	1.21165	1.21165	0.557822	1.21165

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 637 vs. N)	Fold-Change(537T vs. 637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg00468395	KPO6	0.515769	0.342811	0.584712	-1.83583	0.132273	2.74482	2.74482	0.722191	1.2474	1.2474	0.981945	0.986032	-1.01417	0.305918	0.133626	-2.99737	0.511195	0.660864	-1.53137	0.948436	1.04102	1.04102	0.632865	1.34872	1.34872	0.945999	0.958769	1.043	0.881867	6.00841	5.43944	1
cg15207619	CAB39L/CAB39L_CAB39L	0.51577	0.541941	0.621455	-1.60913	0.237168	0.38511	-2.59666	0.0557772	0.188281	-5.31122	0.570858	1.55529	1.55529	0.704063	0.745244	-1.34184	0.289343	0.428518	-2.33362	0.838788	0.85474	-1.16995	0.603486	1.49742	1.49742	0.943405	1.05623	1.05623	0.881867	9.23217	8.35793	1
cg13445916	VIM	0.515774	0.191552	0.832289	-2.20151	0.0870811	1.28512	1.28512	0.908557	0.984861	-1.01537	0.908546	0.984859	-1.01537	0.973615	0.995619	-1.0044	0.251736	0.853017	-1.17231	0.555854	0.923949	-1.08231	0.764857	1.04063	1.04063	0.721727	1.04863	1.04863	0.981486	0.2741424	0.248167	1
cg26484715	PEX7	0.515784	0.23281	1.3047	1.3047	0.0699709	1.53838	1.53838	0.339086	1.23303	1.23303	0.391408	1.20524	1.20524	0.471567	0.855833	-1.16846	0.617207	1.11305	1.11305	0.600905	0.893882	-1.11874	0.902648	0.974164	-1.02652	0.645121	1.10361	1.10361	0.981842	0.702768	0.636235	1
cg15302350	LRP5	0.515788	0.367559	0.562826	-1.77675	0.303878	0.516192	-1.93726	0.303846	0.516168	-1.93735	0.643312	0.748574	-1.33587	0.083113	0.303782	3.29184	0.085798	0.307564	-3.25135	0.279159	0.49722	-2.01118	0.549731	0.68671	-1.45622	0.760592	0.827137	-1.20899	0.981835	5.99669	5.42901	1
cg27288971	ARPC2;ARPC2;ARPC2	0.515797	0.115316	0.593241	-1.67999	0.499682	0.812514	-1.23075	0.694278	0.887185	-1.12716	0.760677	0.914876	-1.09304	0.253971	0.696998	1.43472	0.413996	0.775434	-1.28794	0.135864	0.614462	-1.62744	0.870995	0.951945	-1.05048	0.097434	0.576308	-1.73518	0.981819	1.4278	1.29265	1
cg00473031	ONECUT3	0.515804	0.970566	0.989071	-1.01105	0.261411	0.705528	-1.41738	0.878664	0.955525	-1.04655	0.07139	1.82158	1.82158	0.630487	0.865583	-1.15529	0.317116	1.3607	1.3607	0.337396	1.34253	1.34253	0.792	1.0819	1.0819	0.766713	1.09265	1.09265	0.981807	1.37924	1.24871	1
cg00449213	STOX2	0.515824	0.932297	0.954659	-1.04749	0.985049	1.01029	1.01029	0.2370013	1.96702	1.96702	0.274814	1.85992	1.85992	0.681268	0.799289	-1.2511	0.788074	0.863177	-1.15851	0.274374	0.537502	-1.86044	0.936171	0.583841	-1.71368	0.56571	2.23704	2.23704	0.981806	4.63725	4.15818	1
cg16532711	UMD1	0.515806	0.753847	1.24402	1.24402	0.306018	1.92476	1.92476	0.375079	1.88538	1.88538	0.483445	1.71194	1.71194	0.584814	1.01329	1.01329	0.336538	1.501229	-1.9951	0.803598	0.842563	-1.18685	0.233982	0.408877	-2.44572	0.15788	0.346986	2.88396	0.993064	7.41112	5.80446	1
cg16453665	TTC23L	0.515811	0.658796	1.16631	1.16631	0.232443	1.54693	1.54693	0.430449	1.32208	1.32208	0.420697	1.33036	1.33036	0.241502	1.53268	1.53268	0.338709	0.709875	-1.4087	0.602543	1.19956	1.19956	0.151208	1.71201	1.71201	0.183115	1.63729	1.63729	0.993054	1.84177	1.44251	1
cg16251079	SLC16A1;SLC16A1;SLC16A1	0.515818	0.291733	0.691546	-1.44605	0.183958	1.84366	1.84366	0.101608	1.82989	1.82989	0.194909	1.93192	1.93192	0.0885674	1.50017	1.50017	0.775049	1.10142	1.10142	0.864501	0.87308	-1.14558	0.442458	0.994446	1.00128	0.991703	1.34188	1.34188	0.981783	1.76743	1.6002	1
cg14232165	CUGBP1	0.515822	0.575459	0.861871	-1.16027	0.688177	0.899434	-1.11181	0.315014	0.761126	-1.31384	0.303025	1.32351	1.32351	0.205019	1.42094	1.42094	0.479734	0.853763	-1.1713	0.116949	1.42273	1.42273	0.442107	0.903818	-1.10642	0.684292	1.09414	1.09414	0.981755	0.753089	0.681853	1
cg00447933	NAP1	0.515824	0.11962	0.685935	-1.45023	0.734925	0.927838	-1.07766	0.153523	0.831154	-1.23281	0.516593	0.865256	-1.15573	0.790375	1.05809	1.05809	0.970658	1.00871	1.00871	0.28919	0.771439	-1.29628	0.798203	1.06229	1.06229	0.937802	1.01858	1.01858	0.981735	0.8650303	0.783197	1
cg13484581	FIBCD1;FIBCD1	0.51585	0.699952	1.0875	1.0875	0.0642286	0.637353	-1.56899	0.202391	0.74711	-1.33848	0.325502	0.802591	-1.24596	0.436476	0.842015	-1.18763	0.443682	0.841096	-1.18802	0.211096	0.751712	-1.3303	0.993144	0.99814	-1.00186	0.614275	0.891765	-1.12176	0.981826	0.729531	0.660543	1
cg00192919	FBXW12;FBXW12;FBXW12	0.515852	0.745514	1.74484	1.74484	0.116227	1.92442	1.92442	0.177796	2.08656521	-11.552	0.14681	0.0698291	-14.3207	0.0010159	1.53382	1.53382	0.741888	1.42874	1.42874	0.950573	1.11178	1.11178	0.907388	1.22009	1.22009	0.831052	0.6940153	1.44081	0.981723	45.4285	41.1327	1
cg26353764	WDR20;WDR20;WDR20;WDR20	0.515863	0.528428	1.2935	1.2935	0.502532	1.31547	1.31547	0.9677	1.01645	1.01645	0.338781	1.4878	1.4878	0.103126	2.05113	2.05113	0.814753	1.09919	1.09919	0.0806056	2.18321	2.18321	0.193233	1.74154	1.74154	0.369621	1.44956	1.44956	0.981704	2.5243	2.28564	1
cg19626761	FOS;2	0.515864	0.263837	0.519339	-1.92634	0.912305	1.065	1.065	0.709868	1.23902	1.23902	0.406214	1.62539	1.62539	0.11604	2.37664	-2.65102	0.767829	0.844309	-1.1844	0.575888	0.722912	-1.38138	0.869067	1.0989	1.0989	0.120918	1.389162	-2.56963	0.981699	5.08107	4.60077	1
cg13172001	SMYD1	0.515872	0.757742	1.24703	1.24703	0.292794	0.488235	-2.04819	0.613173	0.7154416	-1.39373	0.537709	0.585775	1.50671	0.140662	2.76338	2.76338	0.421983	0.553661	1.51304	1.51304	0.480339	1.602264	1.602264	0.981687	0.70952	0.607527
cg04199556	KIAA0284;KIAA0284	0.515885	0.237277	0.597179	-1.67454	0.13105	1.97164	1.97164	0.352174	1.48983	1.48983	0.239508	0.598778	-1.67007	0.776297	0.888144	-1.12594	0.714876	0.858326	-1.16506	0.822615	1.098	1.098	0.560034	0.782403	-1.27811	0.555426	0.780096	-1.28189	0.981666	2.69559	2.44083	1
cg10208609	LRRC8D;LRRC8D	0.515886	0.544426	1.44405	1.44405	0.183958	1.82656	1.82656	0.0622	1.34477	-1.34477	0.513746	1.45353	1.45353	0.449799	1.58608	1.58608	0.678364	1.14628	1.14628	0.584501	0.858034	1.11321	1.11321	0.812432	1.80027	1.80027	0.584698	1.39176	1.39176	0.981663	0.643086	0.55042	1
cg02504907	ACE	0.515889	0.248147	0.760962	-1.31413	0.0906822	0.655902	-1.52462	0.934248	0.981503	-1.01885	0.550326	1.14652	1.14652	0.631039	0.896896	-1.11496	0.295163	1.27845	1.27845	0.457954	0.842089	-1.18563	0.431934	0.834036	-1.19899	0.748432	0.70552	1.07552	0.981659	0.795965	0.720743	1
cg11522905	LIRC47	0.515894	0.303051	0.681183	-1.46833	0.602802	1.01412	-1.02582	0.928738	0.982834	-1.02726	0.40959	0.762634	-1.31124	0.791538	1.01	1.01	0.154663	1.57976	1.57976	0.139217	0.631769	-1.58317	0.743914	0.874818	1.15	-1.74164	0.479818	1.29469	1.29469	0.117356	0.593889	0.681853	1
cg17840061	COL19A1	0.515898	0.96897	0.993598	-1.00644	0.581927	1.09616	1.09616	0.904114	0.980298	-1.0201	0.666775	0.930973	-1.07414	0.139122	0.768859	-1.30063	0.767547	0.952236	-1.05016	0.180178	0.790572	-1.26491	0.492861	0.891371	-1.12187	0.165366	1.27675	1.27675	0.981644	0.423852	0.383802	1
cg16221895	CLDN24;EDA;EDA;EDA;EDA	0.515912	0.437684	0.16887	-5.9217	0.776897	0.528212	-1.89318	0.873066	0.698228	-1.4322	0.246025	15.2673	15.2673	0.400131	6.92417	6.92417	0.085124	0.191038	-31.7833	0.704996	2.35021	2.35021	0.356898	0.118982	-8.40466	0.966362	1.09938	1.09938	0.981618	78.4702	71.0575	1
cg04986276	TCP10L	0.515915	0.604401	1.83004	-1.23447	0.695909	1.17552	1.17552	0.233055	0.60414	-1.65524	0.654157	0.83382	-1.1998	0.652405	0.483177	-2.07067	0.581855	1.25126	1.25126	0.113078	0.521336	-1.91815	0.553411	0.785352	-1.27332	0.563646	0.686424	-1.45682	0.981613	2.52522	2.28569	1
cg03408354	SLC7A5	0.515928	0.456881	1.40305	1.40305	0.0547148	2.64838	2.64838	0.946013	0.970186	-1.03073	0.693886	0.837947	-1.19339	0.346477	0.648559	-1.54235	0.385987	1.00822	1.00822	0.377502	0.66716	-1.49889	0.853909	0.920919	-1.08587	0.627948	1.24392	1.24392	0.981592	3.10556	2.81227	1
cg36312920	NEUROD6;NEUROD6	0.515933	0.475078	0.628206	-1.59038	0.191315	1.065	1.065	0.709868	1.23902	1.23902	0.406214	1.62539	1.62539	0.11604	2.37664	-2.65102	0.767829	0.844309	-1.1844	0.575888	0.722912	-1.38138	0.869067	1.0989	1.0989	0.120918	1.389162	-2.56963	0.981699	5.08107	4.60077	1
cg26024874	WDR7;WDR7	0.515936	0.787698	0.809087	-1.23596	0.168293	0.516192	-1.93726	0.303846	0.516168	-1.93735	0.643312	0.748574	-1.33587	0.083113	0.303782	3.29184	0.085798	0.307564	-3.25135	0.279159	0.49722	-2.01118	0.549731	0.68671	-1.45622	0.760592	0.827137	-1.20899	0.981835	5.99669	5.42901	1
cg05799169	PLXNB2	0.515939	0.714279	0.740163	-1.35105	0.3364258	7.31493	7.31493	0.305415	2.38306	2.38306	0.548317	0.60833	-1.64385	0.833648	0.841899	-1.18779	0.793682	0.807141	-1.23894	0.745956	1.30473	1.30473	0.887926	1.12231	1.12231	0.921021	0.922055	-1.08453	0.981571	10.4091	9.42625	1
cg08958163	SHSH02A	0.515943	0.78436	1.27595	-1.27595	0.19331	2.31537	2.31537	-2.43928	0.881982	1.17457	1.17457	1.24545	1.12945	0.827373	0.886374	-1.12795	0.514885	0.641857	-1.55809	0.24035	0.710984	1.11332	1.11332	0.262441	1.54494	1.54494	0.437788	1.34271	1.34271	0.981566	2.21451	1.95109	1
cg03065803	PSAP;PSAP;PSAP	0.515951	0.164131	1.72928	1.72928	0.602262	1.17735	1.17735	0.290681	1.49891	1.49891	0.165955	1.72512	1.72512	0.685946	0.860667	-1.16189	0.189434	1.67042	1.67042	0.741474	1.12998	1.12998	0.198294	1.65174	1.65174	0.681248	1.858603	-1.16468	0.981551	2.11792	1.91798	1
cg12105012	NRXN2;NRXN2;NRXN2 KIAA1026;KIAA1026;KIAA1026;KIAA102	0.515959	0.428333	0.650616	-1.53701	0.747579	0.842307	-1.18722	0.280283	0.81013	-1.23407	0.448375	1.10708	1.10708	0.237846	0.518336	-1.92925	0.362401	0.608043	-1.64462	0.16098	0.451254	-2.21605	0.183012	0.448312	-2.23039	0.766191	0.853438	-1.17173	0.981557	0.490669	0.397625	1
cg23243884	KIAA1026	0.515966	0.845368	0.959209	-1.04253	0.877065	1.03313	1.03313	0.220873	0.761151	-1.31386	0.301917	0.922194	-1.08419	0.296243	0.777062	-1.2869	0.220582	1.14512	1.14512	0.31445	0.422403	1.18869	1.18869	0.377719	1.21077	1.21077	0.352167	0.816768	-1.22434	0.992782	0.681904	0.534226	1
cg00503863	RABGGTA;RABGGTA;RABGGTA	0.515996	0.116311	0.592544	-1.68764	0.819675	1.07258	1.07258	0.162606	1.56927	1.56927	0.73717	1.19087	1.19087	0.364546	1.8464	1.8464	0.444512	1.21021	1.21021	0.360881	1.32653	1.32653	0.528309	1.21657	1.21657	0.916804	0.968446	-1.03258	0.981482	1.4636	1.32552	1
cg15995296	CORO1B;CORO1B	0.516002	0.804795	0.947426	-1.05549	0.995425	1.00125	1.00125	0.178902	1.36538	1.36538	0.166628	1.37937	1.37937	0.443786	0.843425	-1.18564	0.449909	0.845423	-1.18284	0.193311	0.740651	-1.35016	0.854696	0.960807	-1.04079	0.759794	0.935303	-1.06917	0.981462	0.73939	0.669649	1
cg26135862	SBF2	0.516009	0.40668	1.17582	1.17582	0.634629	0.912698	-1.09565	0.235386	1.26782	1.26782	0.204159	1.29137	1.29137	0.44016	1.15854	1.15854	0.603784	1.10506	1.10506	0.589247	0.901213	-1.10962	0.0865877	1.43505	1.43505	0.399191	1.17903	1.17903	0.98145	0.565956	0.512581	1
cg07262635	CACNB2;CACNB2;CACNB2;CACNB2;CAC NB2;CACNB2;CACNB2;CACNB2;CACNB2	0.516018	0.474882	0.727689	-1.37421	0.0897691	0.441245	-2.26631	0.162965	0.52128	-1.91836	0.880435	0.936277	-1.06806	0.717694	0.853144	-1.17213	0.604358	0.795599	-1.25691	0.174704	0.531793	-1.88043	0.211695	0.562402	-1.77809	0.722328	1.16892	1.16892	0.981434	2.97446	2.69398	1
cg23984429	HIVEP2 DMD;DMD;DMD;DMD;DMD;DMD;DMD D;DMD;DMD;DMD;DMD;DMD;DMD;D MD;DMD;DMD;DMD;DMD	0.516021	0.436336	1.17165	1.17165	0.544665	0.884875	-1.1301	0.935651	0.984201	-1.01624	0.264392	0.792898	-1.2612	0.172612	1.33584	1.33584	0.700553	1.08014	1.08014	0.852172	0.96347	-1.03792	1.325606	1.22444	1.22444	0.154404	1.35542	1.35542	0.814254	0.618565	0.560243	1
cg04647039	MD;DMD;DMD;DMD;DMD CAMK2D;CAMK2D;CAMK2D;CAMK2D;C	0.516028	0.911692	0.942774	-1.0607	0.690599	1.23679	1.23679	0.344091	1.67823	1.67823	0.0812954	2.79118	2.79118	0.769558	1.16887	1.16887	0.657549	0.789006	-1.26742	0.1222	2.43459	2.43459	0.240811	1.91989	1.91989	0.513672	1.42166	1.42166	0.981417	4.38552	3.97205	1
cg02379856	AMK2D;CAMK2D	0.516044	0.806541	1.20313	1.20313	0.139447	3.31582	3.31582	0.04608	5.60009	5.60009	0.833773	0.853513	-1.17163	0.950628	0.954402	-1.04778	0.622894	1.45292	1.45292	0.305622	1.33113	1.33113	0.510904	1.65301	1.65301	0.69328	0.741729	-1.3482	0.981388	8.8295	7.99729	1
cg04653928	FBL19	0.516054	0.902643	0.975574	-1.02536	0.784765	2.46082	2.46082	0.0181911	2.36102	2.36102	0.600397	1.37071	1.37071	0.834605	0.882363	-1.13332	0.381466	1.58363	1.58363	-1.70834	0.540401	1.44738	1.44738	0.426993	1.62247	1.62247	0.545119	1.44403	1.44403	0.981387	0.513209	0.01067	1
cg27267900	SCAMP4	0.516067	0.965816	1.04686	1.04686	0.062528	0.39335	0.39335	0.109927	0.4369	0.4369	0.865575	0.834389	-1.19848	0.71217	0.673003	-1.48588	0.981837	0.975967	-1.02463	0.637178	0.601885	-1.66145	0.744041	1.41923	1.41923	0.856299	0.823898	-1.21374	0.981383	17.7495	16.0766	1
cg26230827	SALL1;SALL1	0.516105	0.670441	1.1767	1.1767	0.172516	0.654473	-1.52795	0.147912	1.57275	1.57275	0.186058	1.50525	1.50525	0.505576	1.21781	1.21781	0.68188	0.886721	-1.1275	0.799622	1.077	1.077	0.404343	1.28262	1.28262	0.738062	1.102886	1.102886	0.981378	1.32259	1.14974	1
cg14196790	SLC22A5	0.516055	0.212579	0.508219	-1.96765	0.354752	2.612213	-1.63364	0.0241204	2.791345	-1.26367	0.167606	0.468463	-2.13464	0.231643	0.237925	-4.2039	0.854644	0.904935	-1.10505	0.199509	0.497172	-2.01138	0.107454	0.540435	-1.47381	0.25271	0.540141	-1.85137	0.981369	-1.13107	0.374178	1
cg18172516	RBMS1;RBMS1	0.516058	0.562494	1.7682	1.7682	0.401611	2.30624	2.30624	0.483843	0.500281	-1.99888	0.112901	0.297958	-3.57452	0.992288	2.31624	2.31624	0.52174	1.8815	1.8815	0.263476	3.10118	3.10118	0.264173	0.322101	-3.10661	0.517641	1.89362	1.89362	0.981365	14.7264	13.3387	1
cg08632077	RFFL	0.516097	0.315929	0.586594	-1.70528	0.283661	1.21226	1.21226	0.444299	1.34143	1.34143	0.745561	0.895434	1.83581	0.0211	0.444444	0.544	0.871794	1.08838	1.08838	0.499424	1.46699	1.46699	0.0680798	2.91943	2.91943	0.85954	0.911302	1.09753	1.09753	0.981335	1.48125	1.07093	1
cg16443977	SEMA6A	0.516078	0.680036	0.855889	-1.16838	0.229258	0.622867	-1.60548	0.152092	0.562299	-1.77841	0.247128	1.57476	1.57476	0.778153	1.11181	1.11181	0.948338	0.975978	-1.02461	0.306863	1.48729	1.48729	0.497718	1.29476	1.29476	0.642477	1.19176	1.19176	0.98133	2.18848	1.98232	1
cg13569142	TMEM117	0.516083	0.437641	0.621501	-1.60903	0.0830015	0.615678	-1.62479	0.447128	0.624376	-1.60191	0.689906	0.785908	-1.27241	0.237153	0.482291	-2.04796	0.375112	0.578778	-1.72778	0.137149	0.75885	1.31816	0.264173	0.577589	1.73133	0.183219	0.65309	-1.53125	0.981332	0.647824	0.589077	1
cg27224718	ZFAT;ZFAT;ZFAT	0.516084	0.823844	-1.22496	0.0864281	0.143013	1.43013	0.306762	1.22128	1.22128	0.701472	0.929817	-1.07548	0.701668	1.07543	0.75443	1.07543	0.989419	1.00251	1.00251	0.286309	1.23268	1.23268	0.751159	0.941666	-1.06195	0.685387	0.925939	1.07998	1.07998	0.98132	0.554729	0.502479	1
cg00377727	SEC23A	0.516099	0.87958	0.832251	-1.20156	0.865373	0.814223	-1.22816	0.850661	0.795898	-1.25644	0.922787	1.12459	1.12459	0.71744	0.643928	-1.55297	0.960278	1.06218	1.06218	0.0265372	0.0413871	-24.1621	0.700756	1.59631	1.59631	0.502338	2.28095	2.28095	0.981293	22.7989	20.652	1
cg10282799	ZMAT4;ZMAT4	0.516117	0.901383	0.973502	-1.02671	0.744555	0.915678	-1.41758	0.815075	0.855844	-1.0462	0.348341	1.23264	1.23264	0.0490402	1.64008	1.64008	0.724869	1.15935	1.15935	0.0908114	1.86814	1.86814	-1.15192	0.105982	1.4659	1.4659	0.202188	1.26845	1.26845	0.981262	0.729268	0.660617	1
cg26459712	MAP3K7IP2;SUMO4	0.516118	0.851861	1.03059	1.03059	0.47626	1.12383	1.12383	0.368961	0.861806	-1.16035	0.565913	0.910707	-1.09805	0.521508	1.1104	1.1104	0.976127	1.00483	1.00483	0.0587193	1.43079	1.43079	0.494452	0.894198	-1.11832	0.582626	0.914428	-1.09358	0.98126	0.403732	0.365727	1
cg09289925	ANKRD11	0.516118	0.281598	0.554994	-1.80219	0.27119	1.27119	0.357894	1.44175	0.693475	1.44175	0.381098	1.3624	1.3624	0.0858985	1.81283	1.81283	0.640838	0.958358	1.04349	0.0389146	1.27633	1.27633	0.783049	1.27633	1.27633	0.783049	1.942523	1.942523	1.36036	0.808397	0.731255	0.981253	1.27396	1.14224	1
cg23108709	FEV	0.516122	0.194715	0.60383	0.60383	0.140141	12.0647	12.0647	0.394326	3.93088	3.93088	0.278246	5.86475	5.86475	0.325542	0.203371	4.91712	0.241082	0.85812	0.85812	0.910304	0.837937	-1.19341	0.841204	1.3699	1.3699	0.971437	1.05778	1.05778	0.981253	38.2561	34.6551	1
cg11309214	DAR5	0.516129	0.822615	1.13015	1.13015	0.479065	1.4801	1.4801	0.124924	2.47225	2.47225	0.525862	1.41944	1.41944	0.173664	0.454393	-2.20074	0.716823	1.21956	1.21956	0.172039	2.20817	2.20817	0.505869	1.44461	1.44461	0.711113	1.22473	1.22473	0.98124	4.61464	4.18033	1
cg16982328	HECA	0.516133	0.760203	1.09675	1.09675	0.793463	1.13937	1.13937	0.164941	0.687529	-1.45448	0.357793	0.754816	-1.32461	0.0258752	1.00428	1.00428	0.780841	0.918643	1.08899	0.457514	0.603453	1.65756	0.0.0.0	1.2004	1.2004	0.228361	1.47878	1.47878	0.714828	1.12021	1.12021	0.98118	1.48824	1.34817	1
cg24537724	CCDC67	0.516139	0.777714	1.0889	1.0889	0.0351322	0.477782	-2.093	0.452143	0.794127	-1.25924	0.642336	0.868705	-1.15114	0.335497	0.741651	-1.34834	0.817876	1.07188	1.07188	0.44442	0.790871	-1.26443	0.561979	0.838242	-1.19297	0.35627	0.751607	-1.33048	0.981224	1.40737	1.27493	1
cg27386337	INPP5A	0.516166	0.079979	0.88821	-1.12591	0.447743	0.637153	-1.56918	0.0815333	0.818	0.655309	-1.526	0.663384	1.03176	0.0311776	0.724691	1.38007	0.464344	0.602146	1.66033	0.0187276	1.38076	1.38076	-1.72728	0.373149	0.579189	1.72703	0.617428	-1.61962	0.981127	7.2028	6.53119	1
cg11444263	C21orf58	0.516184	0.486225	0.555423	-1.80043	0.52285	0.583792	-1.71294	0.516179	0.578616	-1.72826	0.147811	0.634364	1.63464	0.0244124	0.273556	-3.65556	0.933013	1.07237	1.07237	0.668816	1.42996	1.42996	0.452351	1.87341	1.87341	0.483811	1.8065	1.8065	0.981117	0.7337	0.97214	1
cg09508934	MCF2L;MCF2L	0.516171	0.910913	0.939543	-1.06435	0.120496	2.55234	2.55234	0.0457505	3.58249	3.58249	0.603564	1.33896	1.33896	0.900541	0.934679	-1.06989	0.949475	1.03594	1.03594	0.47656	1.49675	1.49675	0.960314	1.02811	1.02811	0.546993	1.40437	1.40437	0.981167	4.82422	4.3705	1
cg02382109	PEBP4	0.516175	0.329997	0.548014	-1.82176	0.148371	0.988576	-1.01156	0.883932	0.976538	-1.02459	0.276336	0.796252	1.85838	0.0.0.0	1.16498	1.16498	0.0.0.0	0.924771	1.08152	0.0.0.0	0.0.0.0	0.0.0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 12T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347T vs. N)	p-value(3477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 47 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 53T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 37 vs. N)	p-value(563T vs. N)	Fold-Change(5 vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03216056	ZCRH15	0.516629	0.749458	1.08134	1.08134	0.218567	0.786284	-1.27181	0.77446	1.05483	1.05483	0.382533	0.846718	-1.18103	0.701667	0.930084	1.07413															
cg03837750	LRRIQ3;TNN3K;FPGT	0.516629	0.667332	1.22418	1.22418	0.228168	1.80703	1.80703	0.201565	1.87922	1.87922	0.054059	1.74566	1.74566	0.982328	0.989692	-1.01041															
cg24957950	PAK4;PAK4;PAK4;PAK4;PAK4	0.516634	0.205853	1.23571	1.23571	0.721584	1.05839	1.05839	0.857511	0.971899	-1.02891	0.782334	0.957027	-1.0449	0.6448	0.929024	-1.0764															
cg05383128	ANK1	0.516641	0.810265	1.1146	1.1146	0.0895318	2.32664	2.32664	0.111242	2.18059	2.18059	0.428945	1.43944	1.43944	0.805869	1.11748	1.11748															
cg14063914	GTF2H5;SERAC1	0.516645	0.531674	1.12149	1.12149	0.777162	1.94594	-1.05269	0.920752	0.982152	-1.01817	0.550339	1.1141	1.1141	0.254215	1.24045	1.24045															
cg13880094	GRAMD1A;GRAMD1A	0.516655	0.455435	0.880762	-1.13538	0.64633	0.925783	-1.08017	0.600883	1.09021	1.09021	0.327225	1.08389	1.08389	0.274567	1.22944	1.22944															
cg10507121	DTWD2	0.516653	0.215664	1.26822	1.26822	0.346337	1.19343	1.19343	0.72263	1.06714	1.06714	0.183347	0.773048	-1.29358	0.514825	1.12799	1.12799															
cg14288903	TMEM45	0.516653	0.689553	1.19589	1.19589	0.346542	0.649305	-1.54011	0.8488888	0.907057	-1.10248	0.570829	1.29072	1.29072	0.905153	1.05849	1.05849															
cg13129662	PPP3R1B	0.516672	0.938649	0.984672	-1.01557	0.0331557	1.64827	1.64827	0.527192	1.13718	1.13718	0.912156	1.23343	1.23343	0.940926	1.06853	1.06853															
cg21335942	SETD6;SETD6	0.516674	0.510685	1.34712	1.34712	0.312544	1.59448	1.59448	0.436683	1.42529	1.42529	0.635941	1.23734	1.23734	0.139243	2.03544	2.03544															
cg07348641	FAM123A;FAM123A	0.516675	0.555075	1.67393	1.67393	-1.47304	2.16721	2.16721	0.124251	2.369	2.369	0.263729	1.6473	1.6473	0.449592	1.51499	1.51499															
cg22936016	FSIP1	0.516699	0.0652328	0.202583	-4.93625	0.635779	0.696436	-1.43592	0.969788	0.971718	-1.02911	0.72654	0.766332	-1.30492	0.644759	0.703237	-1.42199															
cg20809608	PI2DIN3	0.516672	0.314519	0.79353	-1.26059	0.252151	0.766455	-1.30471	0.286431	1.27216	1.27216	0.207055	1.34427	1.34427	0.327626	1.25192	1.25192															
cg09106984	GRM4	0.516721	0.313751	0.380397	-2.58803	0.589386	1.65647	1.65647	0.965187	1.04064	1.04064	0.39584	0.45221	-2.21136	0.0711648	0.158885	-6.29385															
cg27421308	PBLD;HNRNPH3;PBLD;HNRNPH3	0.516727	0.877065	1.03203	1.03203	0.487694	1.15444	1.15444	0.25482	1.27355	1.27355	0.370718	1.2059	1.2059	0.104117	0.696333	-1.43609															
cg12181621	HIST1H1B	0.516751	0.468413	0.807442	-1.23848	0.186593	0.666366	-1.50068	0.553457	0.840492	-1.18981	0.166563	0.852057	-1.53361	0.629736	0.860621	-1.15124															
cg00507815	GLO1	0.516753	0.15823	0.472961	-2.11434	0.237145	1.84916	1.84916	0.820553	0.893355	-1.11938	0.476424	1.43244	1.43244	0.211191	0.52005	-1.92289															
cg10982251	MYO10 FLJ35220;LOC100294362;FLJ35220;FLJ3	0.516753	0.547199	0.776624	-1.28762	0.0572497	2.44158	2.44158	0.373205	1.46336	1.46136	0.511612	0.758618	-1.31819	0.493965	1.33411	1.33411															
cg25605068	S220	0.516759	0.065253	0.274727	-3.63998	0.763506	1.20729	1.20729	0.38348	1.74696	1.74696	0.890831	1.08951	1.08951	0.675042	0.768577	-1.30111															
cg14420045	DENND3	0.516765	0.560788	0.790224	-1.26535	0.0429545	0.640356	-1.5612	0.322613	0.672594	-1.48678	0.743479	0.880565	-1.13564	0.0512635	0.423286	-2.36247															
cg19194095	AAA1;NPSR1;NPSR1	0.51677	0.9241	1.03055	1.03055	0.974228	1.02015	1.02015	0.211951	0.660197	-1.5147	0.35291	1.35237	1.35237	0.557344	1.20612	1.20612															
cg13553938	SETD1B;LOC338799	0.516778	0.888687	0.971153	1.03007	0.278409	1.56563	1.56563	0.251951	1.17227	1.17227	0.812647	0.964454	-1.03686	0.403893	1.18298	1.18298															
cg17276794	LPCAT1	0.516791	0.226502	1.55046	1.55046	0.811167	0.920664	-1.08617	0.120319	0.558825	-1.78947	0.441799	1.31109	1.31109	0.984231	1.00685	1.00685															
cg03339077	C11orf49;C11orf49;C11orf49;C11orf49 GHRLOS;GHRL;GHRL;GHRLOS;GHRLOS; GHRL;GHRL;GHRL;GHRL;GHRL;GHRLOS;	0.516794	0.162668	0.465616	-2.14769	0.682875	0.810044	-1.2345	0.139587	0.44249	-2.25994	0.194334	0.494511	-2.0222	0.219518	0.515725	-1.93902															
cg04924511	GHRL;GHRL;GHRL	0.516796	0.593817	1.30881	1.30881	0.210878	1.93296	1.93296	0.328883	0.604237	-1.65498	0.210097	0.516694	-1.93538	0.641379	1.26429	1.26429															
cg14014471	RALGPS2;RALGPS2	0.516799	0.283806	0.679102	-1.47253	0.864528	0.94238	-1.06114	0.412958	0.747595	-1.33762	0.17	0.603732	-1.66187	0.196572	0.622179	-1.60725															
cg02727475	SPATA13;SPATA13	0.516805	0.498166	1.22625	1.22625	0.309475	0.640356	-1.5612	0.322613	0.672594	-1.48678	0.743479	0.880565	-1.13564	0.0512635	0.423286	-2.36247															
cg01920758	KNDC1	0.516806	0.50801	1.73176	1.73176	0.674639	0.708047	-1.41234	0.865511	1.14868	1.14868	0.222603	1.28211	1.28211	0.867326	1.012877	-1.49756															
cg26570035	FLI1;FLI1	0.516813	0.665359	1.55198	1.55198	0.111454	1.44552	1.44552	0.772874	1.12154	1.12154	0.41907	1.01968	1.01968	0.967374	1.04174	1.04174															
cg08362486	PPL	0.516814	0.162042	1.56492	1.56492	0.559883	1.19344	1.19344	0.875217	0.953954	-1.04827	0.964903	0.986888	-1.01329	0.55866	0.837439	1.19412															
cg06656260	C12orf62	0.516819	0.0975042	1.94565	1.94565	0.781392	0.90318	-1.1072	0.46594	1.31207	1.31207	0.185226	1.67246	1.67246	0.875111	0.944051	-1.05927															
cg19729116	BTN1A1	0.516825	0.813736	1.14969	1.14969	0.363779	0.726825	-1.37585	0.915078	0.85802	-1.16547	0.452753	0.955005	-1.22202	0.39036	1.45709	-4.57694															
cg17402907	KCNQ1;KCNQ1OT1;KCNQ1	0.516829	0.494934	0.580805	-1.72175	0.2006049	0.346546	-2.88562	0.0539704	0.17994	-5.55741	0.530927	1.64482	1.64482	0.898868	0.90512	-1.10483															
cg02036552	BIRC6	0.516837	0.680579	0.738388	-1.35385	0.842843	1.13476	1.13476	0.449784	1.65871	1.65871	0.691239	1.76609	1.76609	1.33924	0.9413358	1.05735															
cg15305643	RASSF4	0.51683	0.611529	1.28768	1.28768	0.73849	1.77972	1.77972	0.681156	0.81558	-1.22612	0.817011	1.12108	1.12108	0.124726	1.29229	1.29229															
cg07989501	PRR13;PRR13	0.516839	0.757019	1.15067	1.15067	0.522054	1.34101	1.34101	0.760806	1.14806	1.14806	0.131441	0.478834	-2.08841	0.257946	1.70544	1.70544															
cg03648184	RSHD#2	0.516861	0.146981	1.43992	1.43992	0.526335	1.40417	1.40417	0.648934	1.19677	1.19677	0.263954	1.44744	1.44744	0.0911997	0.933024	1.07235															
cg16877606	FXC1;FXC1;ARFIP2	0.516843	0.483202	1.48137	1.48137	0.11927	0.939348	-2.54034	0.805843	0.873014	-1.14546	0.203623	0.477134	-2.09585	0.499194	1.45979	1.45979															
cg09073576	GNB1L;C23orf29	0.516846	0.97007	1.0008	1.0008	0.00139	0.91247	-1.09547	0.43807	1.10228	1.10228	0.694076	0.998709	-1.00292	0.232383	1.84441	-1.18423															
cg20444858	SHC2	0.516855	0.0784987	0.717117	-1.39447	0.608861	1.09178	1.09178	0.842412	0.9667	-1.03445	0.482946	0.885752	-1.12898	0.844731	0.967189	-1.03392															
cg16070821	LRIC43	0.516858	0.494481	1.40656	1.40656	0.619455	0.819415	1.21442	1.22942	1.22942	0.722995	-1.38313	0.385945	1.84074	1.84074	0.317689	2.03208	2.03208															
cg22950111	SDCCAG8;AKT3	0.516862	0.791225	0.81281	-1.2303	0.097107	0.241128	-3.47418	0.0178593	0.0178593	-2.57604	0.875208	1.13063	1.13063	0.170427	1.31436	1.31436															
cg11524400	HCCA2;CTSD	0.516865	0.647191	1.42159	1.42159	0.146716	1.28398	1.28398	0.978286	1.02099	1.02099	0.291122	2.30775	2.30775	0.60565	1.48823	1.48823															
cg15977773	SLC4A5;SLC4A5	0.516873	0.523337	1.34411	1.34411	0.547614	0.814259	-1.22811	0.211764	0.644789	-1.5509	0.730279	1.12396	1.12396	0.304736	1.57122	1.57122															
cg14371343	CADPS2;CADPS2;CADPS2	0.516876	0.425341	0.773178	-1.29336	0.343354	1.36133	1.36133	0.76296	1.1003	1.1003	0.153867	0.61728	-1.62001	0.352606	0.739149	-1.35291															
cg21930834	COMT;COMT;COMT;COMT	0.516877	0.559968	0.716471	-1.39573	0.170496	2.28343	2.28343	0.129127	2.52847	2.52847	0.953552	0.967587	-1.0335	0.224108	0.485576	-2.05941															
cg20326420	PPP2R1B;PPP2R1B	0.516878	0.953616	1.01604	1.01604	0.15793	0.772096	-1.29518	0.0776494	0.58718	-1.70305	0.852141	1.0523	1.0523	0.763998	1.08587	1.08587															
cg04050331	FLI45983;GATA3;GATA3;FLI45983	0.516891	0.309905	1.36255	1.36255	0.765957	0.915865	-1.09186	0.700478	1.12053	1.12053	0.122119	0.610608	-1.63771	0.292632	1.37911	1.37911															
cg23380535	TRO;TRO;TRO	0.516893	0.125975	0.73717	-1.35671	0.186471	0.66455	-1.50474	0.704	0.846955	0.66956	-1.4936	0.186033	2.31482	0.0116	0.0116	2.31482															
cg04936930	PTS	0.516901	0.299438	0.770652	-1.2976	0.657334	1.11422	1.11422	0.860962	1.04338	1.04338	0.823818	0.947414	-1.0555	0.185965	0.711972	-1.40455															
cg26539218	MANA2C1	0.516931	0.370263	0.842024	-1.18756	0.36308	0.760546	-1.31504	0.0776494	0.65781	-1.05781	0.353282	0.858593	-1.1647	0.481526	0.963418	-1.03797															
cg27065254	CDC42EP4	0.516932	0.527975	0.752339	-1.32919	0.704497	2.1848	1.1848	0.292937	1.6251	1.6251	0.667715	1.21192	1.21192	0.979444	0.420442	2.37845															
cg16707720	ZCCHC2	0.516947	0.811932	1.08347	1.08347	0.662649	0.862744	-1.15909	0.975561	0.98975	-1.01036	0.885934	0.952872	-1.04946	0.183451	0.622092	-1.60748															
cg18945601	RFX5;RFX5	0.516958	0.339995	0.715885	-1.39695	0.429351	0.969552	-1.04164	0.0930928	0.0974417	-1.00259	0.331171	0.737376	-1.38165	0.0977496	0.443556	-2.25462															
cg17542594	FYCO1 KIAA0319;KIAA0319;KIAA0319;KIAA031	0.51696	0.384661	1.28338	1.28338	0.117105	0.50429	1.50429	0.360705	1.2489	1.2489	0.249141	1.3003	1.3003	0.670597	1.10808	1.10808															
cg18433519	9;KIAA0319	0.516968	0.109909	2.78303	2.78303	0.80068	1.1602	1.1602	0.920506	1.06039	1.06039	0.876978	1.09526	1.09526	0.337613	0.559535	-1.7872															
cg18722790	RMPR1B	0.516975	0.878648	0.964049	-1.03729	0.409314	0.81692	-1.22411	0.209169	0.728175	-1.3733	0.346036	0.792515	-1.26181	0.956662	1.01311	1.01311															
cg03311375	RSHDM1	0.516981	0.642207	1.55198	1.55198	0.214538	1.54104	1.54104	0.302629	1.78268	1.78268	0.607388	1.60533	1.60533	0.0499702	1.49597	1.49597															
cg02453208	C1orf92	0.516986	0.270429	0.550639	-1.81607	0.562671	1.35572	1.35572	0.163705	2.16592	2.16592	0.412995	0.647137	-1.54527	0.696816	1.2258	1.2258															
cg09931724	CLCA1 ARMC10;ARMC10;ARMC10;ARMC10;F	0.516987	0.765047	0.897622	-1.11405	0.374412	0.72049	-1.38794	0.091035	0.511295	-1.95582	0.389007	1.37455	1.37455	0.505119	0.783724	-1.27596															
cg06615659	BXL13;FBXL13;ARMC10;ARMC10 GSTK1;GSTK1;GSTK1;GSTK1;GSTK1;GSTK1	0.516987	0.377935	1.27932	1.27932	0.391428	1.27009	1.27009	0.372019	1.28346	1.28346	0.59466	1.15746	1.15746	0.766229	1.08457	1.08457															
cg13269166	K1;GSTK1;GSTK1	0.516995	0.710095	0.938666	-1.06534	0.244871	1.22993	1.22993	0.137541	1.31271	1.31271	0.759791	0.94919	-1.05353	0.621286	1.08842	1.08842															
cg02002247	SLC27A1	0.516996	0.321316	0.774284	-1.29128	0.2414	1.5577	1.5577	0.168361	1.47244	1.47244	0.509923	1.43776	1.43776	0.247049	1.35155	1.35155															
cg04415610	MIR548F5;DCLK1	0.516996	0.453479	1.49047	1.49047	0.558526	1.36233	1.36233	0.339049	0.597498	-1.67365	0.853024	1.10178	1.10178	0.717888	0.827281	1.20878															
cg03869495	ATP11A;ATP11A	0.517005	0.839997	1.175	1.175	0.0379021	0.822779	0.822779	0.652988	1.43483	1.43483	0.509259	0.5862	-1.7059	0.378139	0.486089	-2.05723															
cg26132853	MIR1292;NOP56;NOP56	0.517001	0.826133	0.959372	1.08264	0.0576769	1.16531	1.16531	0.576988	1.68267	1.68267	0.0553479	1.94053	1.94053	0.0402139	1.36536	1.36536															
cg16284821	SCFD2	0.517011	0.253175	0.386563	-2.5869	0.736557	0.764215	-1.30853	0.481396	1.76817	1.76817	0.90752	0.911603	-1.09697	0.888881	0.330023	-3.0301															
cg27009826	EEF2;EEF2	0.517003	0.309393	0.794204	-1.25908	0.557248	1.14854	1.14854	0.312406	0.928724	-1.07675	0.934865	0.952334	-1.04995	0.270336	0.646339	-1.5473															
cg00180930	VAR5 LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFI	0.517025	0.476279	0.800586	-1.24908	0.745981	1.10496	1.10496	0.811334	0.929199	-1.07062	0.669166	0.887592	-1.12664	0.904703	0.568206	-1.75993															
cg07718481	P1	0.517026	0.504245	1.28226	1.28226	0.897432	0.953788	-1.04845	0.190856	1.66219	1.66219	0.276937	1.51414	1.51414	0.0839024	0.495742	-2.01718															
cg03124311	GAPDH5;TMEM147	0.517032	0.525126	1.13775	1.13775	0.587158	0.895953	-1.11613	0.23651	1.28433	1.28433	0.129053	1.38917	1.38917	0.659081	0.914866	-1.09306															
cg14440571	SDK2	0.517043	0.824347	1.08465	1.08465	0.314816	1.45916	1.45916	0.483245	1.76399	1.76399	0.58	1.28	1.28	0.159786	0.794999	-1.25809															
cg18486523	TPD52;TPD52L2;TPD52L2;TPD52L2;T PD52;TPD52L2	0.517054	0.601263	1.10189	1.10189	0.385792	1.17776	1.17776	0.367629	0.843412	-1.18566	0.188363	1.34093	1.34093	0.929689	0.983891	-1.01637															
cg14999934	SHSH1	0.517058	0.599571	1.07588	1.07588	0.393167	1.14757	1.14757	0.418415	1.45375	1.45375	0.433693	0.701122	-1.42629	0.0739006	0.412549	-2.42295															
cg27233847	DPJC;C10orf108;C10orf108	0.517057	0.26935	0.349151	-2.86409	0.252985	2.98079	2.98079	0.896463	0.887722	-1.12648	0.739151	0.736958	-1.35693	0.129807	0.223801	-4.46825															
cg07485405	FHOD3	0.517064	0.464634	0.649002	-1.54092	0.0774195	1.56284	1.56284	0.176903	1.3	1.3	0.350033	1.35013	1.35013	0.855418	1.21	1.21															
cg09316698	UNC84A;UNC84A	0.517075	0.676417	1.36255	1.36255	0.769769	1.16531	1.16531	0.576988	1.68267	1.68267	0.0553479	1.94053	1.94053	0.0402139	1.36536	1.36536															
cg16284821	SCFD2	0.517011	0.253175	0.386563	-2.5869	0.736557	0.764215	-1.30853	0.481396	1.76817	1.76817	0.90752	0.911603	-1.09697	0.888881	0.330023	-3.0301															
cg27009826	EEF2;EEF2	0.517003	0.309393	0.794204	-1.25908	0.557248	1.14854	1.14854	0.312406	0.928724	-1.07675	0.934865	0.952334	-1.04995	0.270336	0.646339	-1.5473															
cg00180930	VAR5 LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFI	0.517025	0.476279	0.800586	-1.24908	0.745981	1.10496	1.10496	0.811334	0.929199	-1.07062	0.669166	0.887592	-1.12664	0.904703	0.568206	-1.75993															
cg07718481	P1	0.517026	0.504245	1.28226	1.28226	0.897432	0.953788	-1.04845	0.190856	1.66219	1.66219	0.276937	1.51414	1.51414	0.0839024	0.495742	-2.01718															
cg03124311	GAPDH5;TMEM147	0.517032	0.525126	1.13775	1.13775	0.587158	0.895953	-1.11613	0.23651	1.28433	1.28433	0.129053	1.38917	1.38917	0.659081	0.914866	-1.09306															
cg14440571	SDK2	0.517043	0.824347	1.08465	1.08465	0.314816	1.45916	1.45916	0.483245	1.76399	1.76399	0.58	1.28	1.28	0.159786	0.794999	-1.25809															
cg26105278	TPD52;TPD52;TPD52;TPD52	0.517104	0.844612	1.03812	1.03812	0.424096	1.16839	1.16839	0.960702	1.00944	1.00944	0.785501	0.949323	-1.05338	0.640891	1.09369	1.09369															
cg15225044	NFAP	0.517109	7	3	3	0.477121	0.852233	0.852233	0.395	0.509808	0.818155	-1.22224	0.753694	1.32699	0.0239	0.23459	-4.26439															
cg02597246	CMIP;CMIP	0.517111	0.836218	1.10062	1.10062	0.54331	1.32869	1.32869	0.214487	1.83168	1.83168	0.340171	0.634282	-1.57659	0.883032	0.93409	-1.07056															
cg21995919	ITGA4;ITGA4	0.517112	0.319255	1.70858	1.70858	0.774594	1.94943	1.94943	0.0133476	2.31265	2.31265	0.188867	1.68867	1.68867	0.857775	1.04966	-1.04948															
cg22400000	ZFP64;ZFP64;ZFP64;ZFP64	0.517114	0.772304	1.0572	1.0572	0.249757	1.25935	1.25935	0.970652	1.00708	1.00708	0.290686	1.23294	1.23294	0.997949	1.00049	1.00049															
cg25265081	APBA2;APBA2	0.517119	0.706396	0.93275	-1.0721	0.554332	1.11596	1.11596	0.864676	1.03188	1.03188	0.29481	0.818832	-1.22125	0.9491	1.00118	1.00118															
cg08944683	UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE 2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.517127	0.80829	0.966753	-1.03439	0.36647	1.13775	1.13775	0.53171	1.09211	1.09211	0.669627	1.06152	1.06152	0.500117	0.909186	-1.09989															
cg01738168	CCNB2	0.517131	0.853006	1.06103	1.06103	0.710505	1.12645	1.12645	0.32943	1.37912	1.37912	0.105739	0.56873	-1.7583	0.762152	1.1018	1.1018															
cg09879797	WSB2	0.517145	0.158853	0.437436	-2.28605	0.196821	2.11531	2.11531	0.404802	1.5968	1.5968	0.338462	0.581732	-1.719	0.729013	0.826175	-1.2104															
cg04040095	GUCY1B3 PDP1;PDP1;PDP1;PDP1;PDP1;PDP2;PDP	0.517148	0.0498208	2.07442	2.07442	0.959888	2.17444	2.17444	0.0102878	2.38337	2.38337	0.0102878	2.38087	2.38087	0.0102878	2.17948	2.17948															
cg06543761	1;PDP1	0.517149	0.794855	0.927391	-1.07829	0.720766	0.901379	-1.10941	0.782113	0.922929	-1.08351	0.255394	0.709289	-1.40986	0.458805	0.80395	-1.24386															
cg07618159	MIER2	0.517155	0.639534	1.38614	1.38614	0.0585651	4.38923	4.38923	0.174951	2.71457	2.71457	0.536949	1.54153	1.54153	0.599554	1.44242	1.44242															
cg25023752	ALG6	0.517164	0.379802	1.44851	1.44851	0.768701	1.04637	1.04637	0.57373	1.09129	1.09129	0.885033	1.02249	1.02249	0.0491171	1.32832	1.32832															
cg01278564	ZFP91	0.517167	0.324702	0.937814	-1.0778	0.237455	0.769333	-1.29983	0.387876	1.28626	1.28626	0.731111	1.10757	1.10757	0.729867	1.29067	1.29067															
cg00640120	CYB561;CYB561;CYB561	0.517197	0.130639	0.397779	-2.51396	0.532356	0.699653	-1.42928	0.148278	0.465551	-2.40067	0.585003	0.732405	-1.36536	0.544836	0.707446	-1.41354															
cg12425861	PACS2;PACS2	0.517179	0.942507	0.949334	-1.05088	0.495001	0.816761	-1.22435	0.966161	1.01218	1.01218	0.959001	0.998194	-1.00186	0.970316	0.465339	-2.14897															
cg26252045	ABTB2	0.517197	0.294116	0.757443	-1.32023	0.560773	1.16202	1.16202	0.187035	0.699751	-1.42908	0.643084	1.32652	1.32652	0.0749262	0.607621	-1.65903															
cg00746927	CTIF2;CTIF2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(5437T vs. N)	Fold-Change(5437T vs. N)	p-value(5437T vs. 5537T)	Fold-Change(5437T vs. 5537T)	p-value(5537T vs. N)	Fold-Change(5537T vs. N)	p-value(5637T vs. N)	Fold-Change(5637T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg18160947	BCL2L13	0.5137364	0.158287	0.235166	-4.25232	0.254907	0.019559	-3.12932	0.07775614	0.152161	-6.572	0.240598	0.30756	-3.2514	0.305291	0.161039	-2.76978	0.24167	0.308418	-3.24235	0.663568	0.657016	-1.52203	0.904803	0.891523	-1.12168	0.459417	0.485333	-2.60644	0.979093	14.2824	12.9666	1
cg12563644	LOC645323	0.5137384	0.121238	1.7654	1.7654	0.68475	1.14811	1.14811	0.603903	0.837735	-1.1937	0.450353	1.29717	1.29717	0.662256	0.861841	-1.16031	0.609505	1.19038	1.19038	0.837395	1.07199	1.07199	0.062816	2.0302	2.0302	0.684508	1.1482	1.1482	0.970057	1.77449	1.61107	1
cg09539908	REEP4	0.5137389	0.597696	0.762183	-1.31202	0.719166	1.20217	1.20217	0.86036	0.914121	-1.09395	0.138465	0.443371	-2.25545	0.104804	0.404956	-2.4694	0.731511	0.838923	-1.19201	0.381476	0.632713	-1.58049	0.367766	1.60285	1.60285	0.629258	1.28155	1.28155	0.979049	4.03222	3.6609	1
cg13377341	PGC;PGC	0.5137390	0.191742	0.659145	-1.51713	0.760284	0.911576	-1.09673	0.4440949	0.788599	-1.26807	0.198481	0.663798	-1.50662	0.108612	0.589877	-1.69527	0.314871	0.730913	-1.36815	0.493763	1.27449	1.27449	0.96534	1.78698	-1.01319	0.424019	0.781715	-1.27924	0.979046	1.41053	1.28064	1
cg19689922	ALDH7A1	0.5137391	0.521613	0.85836	-1.16501	0.905463	1.02833	1.02833	0.076735	0.632967	-1.57986	0.710416	0.916042	-1.09165	0.983012	0.995006	-1.00502	0.34491	0.795536	-1.25701	0.452825	1.19701	1.19701	0.803747	1.06029	1.06029	0.135241	0.684827	-1.46022	0.979045	0.857246	0.778306	1
cg00703120	PCCA;PCCA	0.5137397	0.210215	0.284433	-3.51576	0.175161	3.94689	3.94689	0.300035	0.278045	2.78045	0.628491	0.628608	-1.59082	0.19754	0.273356	-3.65823	0.746683	0.734472	-1.36152	0.637445	0.636354	-1.57145	0.802554	1.26942	1.26942	0.728744	0.713748	-1.39305	0.979035	14.0581	12.7637	1
cg02505293	CDX15;CDX15;CDX15;CUTC;CDX15	0.5137416	0.153669	0.57952	-1.72557	0.73226	1.13049	1.13049	0.937115	0.972212	-1.02858	0.155886	1.71983	1.71983	0.501372	1.27598	1.27598	0.632892	1.18752	1.18752	0.757374	1.11703	1.11703	0.721661	1.13627	1.13627	0.140437	1.76188	1.76188	0.979002	1.97774	1.7957	1
cg06270451	OPCML;OPCML	0.5137416	0.958848	1.05912	1.03012	0.472543	0.656898	1.12331	0.13434	0.57099	-1.75104	0.875316	0.952114	-1.05672	0.870857	1.09809	1.09809	0.623191	1.32952	1.32952	0.969954	1.61646	1.61646	0.371709	1.69468	1.69468	0.705646	1.24389	1.24389	0.979002	5.12882	4.65673	1
cg02444443	INSC;INSC	0.5137425	0.348073	1.45902	1.45902	0.312391	1.50352	1.50352	0.614285	1.24707	1.24707	0.315665	1.06646	1.06646	0.597153	1.24707	1.24707	0.108177	0.503928	-1.98441	0.537786	0.783522	-1.27629	0.384456	0.705613	-1.41721	0.801789	0.906326	-1.10336	0.978986	2.3707	2.15252	1
cg25318809	HLA-;LNCRNA00171	0.51743	0.300219	0.397392	-2.5164	0.132539	4.03601	4.03601	0.922184	1.08762	1.08762	0.343376	0.432106	-2.31425	0.215914	0.326435	-3.0634	0.520631	0.571362	-1.75021	0.442783	0.51033	-1.95952	0.569104	1.63996	1.63996	0.908513	0.905908	-1.10387	0.978977	11.4572	10.4029	1
cg08835221	UGALS1	0.5137434	0.893744	0.937336	-1.06681	0.726987	0.938552	-2.56705	0.102348	0.420703	-2.37697	0.181407	0.93101	-1.07427	0.814077	0.940241	-1.06341	0.71545	0.8751	-1.14202	0.406737	0.662946	1.50842	0.489483	0.683976	-1.46333	0.974433	1.01571	1.01571	0.97897	3.63793	3.30235	1
cg16616449	MXD3;MXD3	0.5137457	0.696347	0.889687	-1.12399	0.155294	0.635578	-1.57337	0.4905053	1.23212	1.23212	0.809427	0.930524	-1.07466	0.799425	0.926925	-1.07884	0.451328	0.795554	-1.25699	0.627478	0.864377	-1.1569	0.10491	1.69576	1.69576	0.523858	1.2123	1.2123	0.97893	1.37714	1.25047	1
cg10447222	NAT8;NAT8;NAT8;SH2D2A;SH2D2A;SH2D2A	0.5137464	0.630482	0.720846	-1.38726	0.134047	0.335804	-2.97793	0.108585	0.306666	-3.26088	0.673042	1.33193	1.33193	0.297844	0.482478	-2.07263	0.649969	0.734525	-1.36142	0.527675	0.649123	-1.54054	0.456751	1.66836	1.66836	0.726202	1.26798	1.26798	0.978919	7.07085	6.42055	1
cg00888130	2A;SH2D2A	0.517471	0.39959	0.746069	-1.34036	0.908796	0.961818	-1.0397	0.275096	0.679955	-1.47669	0.10847	0.551674	-1.81266	0.057568	0.478914	-2.08806	0.568046	0.821987	-1.21656	0.401589	0.747039	-1.33862	0.706021	0.879455	-1.13707	0.500832	0.792854	-1.26127	0.978906	1.78911	1.62459	1
cg22978941	UNG;UNG;UNG	0.5137475	0.463008	0.883378	-1.13202	0.293585	1.21568	1.21568	0.342545	0.824669	-1.21213	0.242469	0.229323	1.9384	0.119558	0.242486	-4.12286	0.853081	1.16368	1.16368	0.10408	0.70607	1.0453	0.518864	1.11467	1.11467	0.222598	1.23707	1.23707	0.978899	0.427169	0.38789	1
cg18262264	MRTO4;KIAA0090;MRTO4	0.5137477	0.350602	1.21653	1.21653	0.346373	0.820505	-1.21876	0.192515	1.32499	1.32499	0.316328	1.23535	1.23535	0.468517	0.860302	-1.16238	0.50669	0.871583	-1.14734	0.510678	0.872738	-1.14582	0.398253	1.19298	1.19298	0.433385	1.17715	1.17715	0.978895	0.645294	0.585962	1
cg22207900	ISRRA;C11orf20	0.5137485	0.16625	0.686354	-1.45697	0.341701	0.981526	-1.01882	0.742674	0.919434	-1.08763	0.135191	0.663268	-1.50769	0.247666	0.734805	-1.36091	0.193664	0.70422	-1.41998	0.449943	0.821782	-1.21682	0.745826	1.08646	1.08646	0.520792	1.18051	1.18051	0.978883	1.00775	0.915105	1
cg25509174	PCDLC2	0.5137494	0.256257	0.663102	-1.50802	0.315771	1.43099	1.43099	0.553573	0.804598	-1.24286	0.853081	1.06638	1.06638	0.104078	0.540057	-1.85166	0.266205	0.692277	-1.44426	0.378841	0.731248	-1.36753	0.35992	0.721612	-1.38579	0.556771	0.831023	-1.20334	0.978866	1.86326	1.69199	1
cg09952204	RASGRF2	0.5137495	0.692688	0.758212	-1.31889	0.829741	1.1619	1.1619	0.992565	3.63219	3.63219	0.669193	0.741191	-1.34918	0.7644	0.811033	-1.233	0.748558	0.799234	-1.2512	0.803546	0.840563	-1.18968	0.0847329	3.77541	3.77541	0.722362	1.28223	1.28223	0.978864	7.52778	6.83584	1
cg20176706	KIF15;KIAA1143;KIAA1143	0.5137501	0.256204	0.443109	-2.2633	0.331053	1.9591	1.9591	0.100348	0.420703	-2.37697	0.181407	0.93101	-1.07427	0.814077	0.940241	-1.06341	0.71545	0.8751	-1.14202	0.406737	0.662946	1.50842	0.489483	0.683976	-1.46333	0.974433	1.01571	1.01571	0.97897	3.63793	3.30235	1
cg10280342	PSPN	0.5137514	0.224971	0.588734	-1.69856	0.0943002	2.14808	2.14808	0.479976	1.3478	1.3478	0.909605	0.953885	-1.04834	0.324617	0.595824	-1.67835	0.70463	0.853584	-1.17153	0.970098	1.0157	1.0157	0.613086	0.808994	-1.2361	0.898691	0.94843	-1.05437	0.978838	2.67872	2.43256	1
cg06854772	LETM1	0.5137552	0.444262	0.602798	-1.65893	0.310786	1.97511	1.97511	0.155248	2.65466	2.65466	0.740806	1.24041	1.24041	0.129457	0.520386	-1.92165	0.586156	0.69993	-1.42871	0.392074	0.566051	-1.76662	0.310716	1.97532	1.97532	0.6669053	0.755044	-1.32443	0.978821	6.52977	5.92983	1
cg18830694	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.5137531	0.2000889	0.431305	-2.31855	0.1330376	2.73684	2.73684	0.546319	1.46128	1.46128	0.386542	0.5761	-1.73581	0.369029	0.563722	-1.77392	0.705809	1.26569	1.26569	0.696808	0.784061	-1.27541	0.937718	1.04975	1.04975	0.36858	0.563402	-1.77493	0.978803	5.98375	5.43407	1
cg14562064	LHFPL5	0.5137536	0.770751	1.04923	1.04923	0.742314	0.975032	1.03482	0.348663	0.49306	-2.02803	0.188464	1.18479	1.18479	0.744264	0.843006	-1.18642	0.433509	0.381132	-2.62326	?	?	1.05011	0.888447	1.08048	1.08048	0.994412	1.18841	1.18841	0.97897	2.81523	2.55823	1
cg00359868	WRB	0.51754	0.955636	0.991543	-1.00853	0.232449	1.21067	1.21067	0.749129	1.1025	1.1025	0.21522	0.819417	-1.22038	0.561008	0.914166	-1.09389	0.743284	0.951064	-1.05144	0.238304	0.864365	-1.1853	0.26704	1.19308	1.19308	0.321528	1.16924	1.16924	0.978887	0.363119	0.328133	1
cg27319293	MAPK8IP3;MAPK8IP3	0.5137541	0.830846	0.817622	-1.22306	0.0840228	0.04655	0.04655	0.0751569	0.4467	0.4467	0.791017	0.778814	-1.284	0.724294	0.716523	-1.39563	0.342454	0.829187	-1.206	0.771102	1.31599	1.31599	0.87204	1.16384	1.16384	0.864882	0.851482	-1.17387	0.978785	13.7341	12.4727	1
cg27445792	AP2A2	0.5137548	0.4990402	0.714214	1.40027	0.0972567	1.47667	1.47667	0.0636854	1.2576	1.2576	0.0810348	0.4716	-2.12014	0.0624398	0.4716	-2.12014	0.388455	0.513002	-1.95963	0.991093	1.08654	1.08654	0.70767	1.32744	1.32744	0.913162	1.22844	1.22844	0.978882	0.936761	0.851716	1
cg04528152	UBAC2;UBAC2;UBAC2	0.5137549	0.242934	1.53087	1.53087	0.569922	1.26248	1.26248	0.280613	1.47821	1.47821	0.746297	1.11977	1.11977	0.0312012	2.41353	2.41353	0.655062	1.16965	1.16965	0.671548	1.16025	1.16025	0.848749	1.0688	1.0688	0.998794	0.999474	-1.00053	0.97877	1.88262	1.70974	1
cg06630799	TFAP2C	0.5137556	0.614201	1.13743	1.13743	0.227233	1.13579	1.13579	0.487562	1.1953	1.1953	0.2155	1.4399	1.4399	0.0242762	2.43117	2.43117	0.2655	0.40716	-2.45571	0.227093	0.38065	0.56585	-1.76779	0.475382	0.475382	0.172597	0.37381	-2.67459	0.978877	0.885425	0.799149	0.803421	1
cg04546450	HOXC4;HOXC5;HOXC6	0.5137553	0.6090555	0.930529	-1.07466	0.273335	0.852685	-1.17249	0.844284	1.02783	1.02783	0.196131	1.21022	1.21022	0.373588	0.880296	-1.13598	0.974256	1.00451	1.00451	0.996359	1.00064	1.00064	0.202118	1.20683	1.20683	0.246892	1.18414	1.18414	0.978765	1.302044	0.274309	1
cg14752838	FGL2;CCDC146	0.5137571	0.422003	0.509174	-1.96397	0.600588	0.647446	-1.54453	0.481388	0.554927	-1.80204	0.371766	0.470175	-2.12687	?	?	?	0.328925	0.436408	-2.29143	0.0645265	0.775405	0.393943	-2.53844	0.182005	0.312538	-3.19961	0.968371	9.23186	9.53339	1
cg12639990	NPTXR	0.5137574	0.614201	1.13743	1.13743	0.227233	1.13579	1.13579	0.487562	1.1953	1.1953	0.2155	1.4399	1.4399	0.0242762	2.43117	2.43117	0.2655	0.40716	-2.45571	0.227093	0.38065	0.56585	-1.76779	0.475382	0.475382	0.172597	0.37381	-2.67459	0.978877	0.885425	0.799149	0.803421	1
cg23632791	RIPK2	0.5137575	0.8623617	1.0698	1.0698	0.249779	0.62644	-1.59632	0.770409	0.892442	-1.12052	0.876219	0.941187	-1.06249	0.936918	0.969603	-1.03126	0.499326	1.3056	1.3056	0.251147	1.56998	1.56998	0.218573	1.65401	1.65401	0.158462	2.55643	-1.79717	0.978726	2.34384	2.12869	1
cg18506632	KNDC1	0.5137576	0.8662384	0.956477	-1.04523	0.932799	1.01799	1.01799	0.913276	1.37102	1.37102	0.237552	1.45215	1.45215	0.303726	0.585121	-1.70905	0.704008	1.08724	1.08724	-1.12424	0.441057	1.34313	1.34313	0.0854814	1.80827	-1.23721	0.978726	1.05433	0.956425	1.10202	1
cg02395917	COL22A1	0.5137575	0.832984	0.840467	-1.18981	0.767581	1.37248	1.37248	0.335249	1.48719	1.48719	0.768553	1.27489	1.27489	0.0533258	2.35294	2.35294	0.259891	0.380125	-2.63072	0.082974	0.205992	-4.85455	0.128747	0.258934	-3.86199	0.765748	0.781991	-1.27879	0.978725	10.4997	9.53596	1
cg20156545	ADAMTS5	0.5137576	0.122864	0.302778	-3.30275	0.808545	0.840718	-1.18946	0.732605	1.27776	1.27776	0.862734	1.13166	1.13166	0.0794849	0.248773	-4.01974	0.448511	0.575777	-1.73678	0.35452	0.506228	-1.97539	0.971572	1.0258	1.0258	0.28068	0.448687	-2.22872	0.978724	7.91804	7.19126	1
cg03994018	ZNF702;ZNF703	0.5137581	0.3928851	0.436418	-2.2933	0.1310205	1.32643	1.32643	0.0454	0.7569	-1.32129	0.0998386	0.7569	-1.32129	0.0998386	0.5151533	-1.94098	0.2152513	0.783001	-1.2693	0.3235902	0.8136391	-1.22905	0.566711	1.12604	1.12604	0.881666	0.958314	-1.04345	0.978703	0.613053	0.595122	1
cg07011790	TCEAL1;TCEAL1;TCEAL1	0.5137581	0.0657901	0.140914	-7.09651	0.429323	0.464956	-2.15074	0.870157	1.16798	1.16798	0.622333	1.60198	1.60198	0.128485	0.825	-1.21238	0.0939126	0.174064	-5.74501	0.778477	0.765147	-1.30694	0.718899	0.709583	-1.40928	0.914762	0.903367	-1.10697	0.978655	1.96355	12.6837	1
cg19485710	C16orf53	0.5137591	0.6721325	1.0641	1.0641	0.317539	1.14349	1.14349	0.813102	1.0574	1.0574	0.583284	1.08888	1.08888	0.867943	0.972385	-1.02844	0.636163	0.786995	-1.27098	0.581375	0.805229	-1.24178	0.585735	0.885229	-1.12948	0.683775	0.948839	-1.05401	0.978653	0.984106	0.936905	1.05317	1
cg02144647	C22orf9;C22orf9;MIR1249	0.5137602	0.907832	0.946303	-1.05674	0.702189	1.20091	1.20091	0.356034	1.5721	1.5721	0.921917	0.954352	-1.04783	0.422083	0.676512	1.47817	0.515786	1.36891	1.36891	0.292837	1.68212	1.68212	0.04706666	2.95356	2.95356	0.715264	1.19076	1.19076	0.978679	1.52009	1.19713	1
cg16280683	IPO11;IPO11	0.5137605	0.795844	0.9662	1.06622	0.529372	1.17068	1.17068	0.401358	1.23668	1.23668	0.53571	0.856324	-1.16778	0.594837	0.861017	-1.16142	0.199496	1.39828	1.39828	0.124683	0.662919	-1.50848	0.439199	1.21546	1.21546	0.608571	0.880078	-1.13626	0.978673	0.948052	0.861077	1
cg08678898	ERF	0.5137609	0.7609607	0.947644	1.05644	0.211069	1.15355	1.15355	0.205606	1.14514	1.14514	0.544556	1.08674	1.08674	0.425382	0.915534	-1.09226	0.968424	0.999718	-1.0044	0.954528	0.985332	1.01915	0.919191	1.19191	1.19191	0.416075	1.09429	1.09429	0.978667	0.182158	0.165448	1
cg24304972	TMEM201;TMEM201	0.5137634	0.423126	1.23069	1.23069	0.371104	0.792145	-1.26239	0.7030878	0.602199	-1.66058	0.732540	0.913519	-1.09467	0.540287	1.17034	1.17034	0.42545	0.81343	-1.22936	0.879703	0.962304	-1.03917	0.364823	1.2665	1.2665	0.856682	1.04693	1.04693	0.978623	0.997718	0.906233	1
cg24041000	KIAA1467	0.5137642	0.4778927	1.24642	1.24642	0.3866112	0.715102	-1.33046	0.2884252	0.702089	-1.42398	0.440727	0.440725	1.24202	0.0204362	0.705496	0.88981	-1.1238	0.972085	1.01046	0.148427	0.52851	1.62851	0.0615601	1.50726	1.50726	0.816001	0.930833	-1.07451	0.978619	1.46555	1.33117	1
cg25905215	NFKB1;NFKB1	0.5137637	0.927458	0.979644	-1.02078	0.847657	1.04439	1.04439	0.275556	1.29199	1.29199	0.119758	1.46409	1.46409	0.453801	0.841692	-1.18808	0.484994	1.17184	1.17184	0.183293	1.37487	1.37487	0.249842	1.31207	1.31207	0.676224	0.909503	-1.0995	0.978618	0.790593	0.718104	1
cg26171924	TAS2R5	0.5137644	0.817942	0.97911	-1.07328	0.282235	0.709853	-1.40878	0.464679	0.760892	-1.29888	0.0550994	1.96281	1.96281	0.0996282	0.599782	-1.66722	0.975362	1.10795	1.10795	0.0615113	0.871647	-1.14725	0.0182538	0.847315	-1.1802	0.978606	1.45797	1.34647	1
cg10536901	SLC25A24;SLC25A24;SLC25A24	0.5137649	0.9567793	1.07015	1.07015	0.74157	0.948557	-1.04897	0.715082	0.868461	-1.59119	0.935994	0.96325	-1.10711	0.982664	0.972864	-1.02791	0.79447	1.39203	1.39203	0.148227	0.71945	1.39203	0.0935512	0.0966182	-10.35	0.399602	2.58166	0.858596	0.978597	24.8772	22.5967	1
cg06872036	RASSF5;RASSF5;RASSF5	0.513765	0.603815	0.776901	-1.28717	0.853864	0.914927	-1.09298	0.288556	0.587856	-1.7014	0.615765	1.22506	1.22506	0.870215	0.924179	-1.08204	0.888187	1.07019	1.07019	0.0483259	0.360902	-2.96822	0.809361	1.12361	1.12361	0.201618	0.521923	-1.91599	0.978595	3.60386	3.2735	1
cg26343133	GLIPR11	0.5137654	0.883901	1.07015	1.07015	0.183497	0.836208	-1.22163	0.2302077	0.654153	-1.52763	0.344756	0.654153	-1.52763	0.344756	0.654153	-1.52763	0.26126	0.744358	?	?	0.953372	1.31099	0.667417	-1.49831	0.654362	0.669785	-1.49301	0.91042	0.908223	0.924545	1.08962	1.02145	1.2317	1
cg05033239	GPR98;GPR98	0.5137679	0.0845415	0.240616	-4.15599	0.213533	0.376066	-2.65911	?	?	?	?	0.253153	0.410198	-2.43785	0.268808	0.423197	-2.36297	0.719324	0.763806	-1.30923	0.260384	0.416232	-2.40251	0.938324	0.943858	-1.05948	0.41069	0.533588	-1.87441	0.968179	7.59853	7.34827	1
cg06121800	KNDC1	0.5137685	0.309465	1.46779	1.46779	0.264593	1.60044	1.60044	0.744539	0.867108	-1.15326	0.253773	1.68161	1.68161	0.583675	0.785559	-1.27298	0.100473	0.45249	-2.20978	0.0197773	0.966122	1.03464	0.659284	0.824059	-1.21349	0.828108	0.909526	-1.09947	0.978535	0.949752	2.67749	1
cg12031394	LRIG3;LRIG3	0.5137691	0.4065182	1.78876	1.78876	0.672427	0.745407	-2.34155	0.672139	0.745201	1.34192	0.551692	0.51595	1.51595	0.597344	0.51595	1.51595	0.0855642	0.268478	-3.7247	0.373373	0.23058	-2.70258	0.905509	0.08456	0.08456	0.855717	1.134	1.134	0.978524	1.39742	0.7198	1
cg10453390	B4GALNT4	0.5137702	0.622608	0.803275	-1.2449	0.400987	0.684124	-1.46172	0.315142	1.58197	1.58197	0.677532	0.831384	-1.20281	0.811952	0.900103	-1.11098	0.145297	1.9949	1.9949	0.434326	0.70309	-1.42229	0.202597	0.552098	-1.81127	0.579527	1.28037	1.28037	0.978505	3.02201	2.74524	1
cg08445559	HZF5	0.5137704	0.6479807	1.24642	1.24642	0.3866112	0.715102	-1.33046	0.2884252	0.702089	-1.42398	0.440727	0.440725	1.24202	0.0204362	0.705496	0.88981	-1.1238	0.972085	1.01046	0.148427	0.52851	1.62851	0.0615601	1.50726	1.50726	0.816001	0.930833	-1.07451	0.978619	1.46555	1.33117	1
cg25905215	NFKB1;NFKB1	0.5137637	0.927458	0.979644	-1.02078	0.847657	1.04439	1.04439	0.275556	1.29199	1.29199	0.119758	1.46409	1.46409	0.453801	0.841692	-1.18808	0.484994	1.17184	1.17184	0.183293	1.37487	1.37487	0.249842	1.31207	1.31207	0.676224	0.909503	-1.0995	0.978618	0.790593	0.718104	1
cg26171924	TAS2R5	0.5137644	0.817942	0.97911	-1.07328	0.282235	0.709853	-1.40878	0.464679	0.760892	-1.29888	0.0550994	1.96281	1.96281	0.0996282	0.599782	-1.66722	0.975362	1.10795	1.10795	0.0615113	0.871647	-1.14725	0.0182538	0.847315	-1.1802	0.978606	1.45797	1.34647	1
cg10536901	SLC25A24;SLC25A24;SLC25A24	0.5137649	0.9567793	1.07015	1.07015	0.74157	0.948557	-1.04897	0.715082	0.868461	-1.59119	0.935994	0.96325	-1.10711	0.982664	0.972864	-1.02791	0.79447	1.39203	1.39203	0.148227	0.71945	1.39203	0.0935512	0.0966182	-10.35	0.399602	2.58166	0.858596	0.978597	24.8772	22.5967	1
cg06872036	RASSF5;RASSF5;RASSF5	0.513765	0.603815	0.776901	-1.28717	0.853864	0.914927	-1.09298	0.288556	0.587856	-1.7014	0.615765	1.22506	1.22506	0.870215	0.924179	-1.08204	0.888187	1.07019	1.07019	0.0483259	0.360902	-2.96822	0.809361	1.12361	1.12361	0.201618	0.521923	-1.91599	0.978595	3.60386	3.2735	1
cg26343133	GLIPR11	0.5137654	0.883901	1.07015	1.07015	0.183497	0.836208	-1.22163	0.2302077	0.654153	-1.52763	0.344756	0.654153	-1.52763	0.344756	0.654153	-1.52763	0.26126	0.744358	?	?	0.953372	1.31099	0.667417	-1.49831	0.654362	0.669785	-1.49301	0.91042	0.908223	0.924545	1.08962	1.02145	1.2317	1
cg05033239	GPR98;GPR98	0.5137679	0.0845415	0.240616	-4.15599	0.213533	0.376066	-2.65911	?	?	?	?	0.253153	0.410198	-2.43785	0.268808	0.423197	-2.36297	0.719324	0.763806	-1.30923	0.260384	0.416232	-2.40251	0.938324	0.943858	-1.05948	0.41069	0.533588	-1.87441	0.968179	7.59853	7.34827	1
cg06121800	KNDC1	0.5137685	0.309465	1.46779	1.46779	0.264593	1.60044	1.60044	0.744539	0.867108	-1.15326	0.253773	1.68161	1.68161	0.583675	0.785559	-1.27298	0.100473	0.45249	-2.20978	0.0197773	0.966122	1.03464	0.659284	0.824059	-1.21349	0.828108	0.909526	-1.09947	0.978535	0.949752	2.67749	1
cg12031394	LRIG3;LRIG3	0.5137691	0.4065182	1.78876	1.78876	0.672427	0.745407	-2.34155	0.672139	0.745201	1.34192	0.551692	0.51595	1.51595	0.597344	0.51595	1.51595	0.0855642	0.268478	-3.7247	0.373373	0.23058	-2.70258	0.905509	0.08456	0.08456	0.855717	1.134	1.134	0.978524	1.39742	0.7198	1
cg12033694	JUN;JUN	0.5137756	0.853374	0.948501	-1.0543	0.905718	1.03444	1.03444	0.473884	1.23141	1.23141	0.450142	0.802588	-1.24597	0.706507	1.11417

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1253 vs. N)	Fold-Change(1253 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18689130	FYN	0.518145	0.589309	1.07612	0.17612	0.434456	1.1134	1.1134	0.471888	1.10351	1.10351	0.957544	0.99286	-1.00719	0.602671	0.93175	1.07325	0.863571	0.977117	-1.02342	0.160599	0.81731	-1.22353	0.893902	1.01812	1.01812	0.0863803	1.29045	0.977736	0.280542	0.255049	1
cg02707464	C7orf42	0.518149	0.336462	2.99769	2.99769	0.321177	3.11348	3.11348	0.752162	1.44832	1.44832	0.314413	3.1676	3.1676	0.108126	0.14368	6.95991	0.841101	1.24779	1.24779	0.534419	2.00387	2.00387	?	?	0.8700181	0.834851	-1.19782	0.978317	16.3907	14.6598	1
cg21212713	COL5A1	0.51815	0.965033	0.982712	-1.01759	0.983983	0.991057	-1.00902	0.171423	0.56033	-1.78466	0.921006	1.04025	1.04025	0.424933	0.723149	-1.38284	0.182089	0.569273	-1.75663	0.490904	1.32094	1.32094	0.139661	0.53138	-1.88189	0.24779	0.618365	-1.617/18	0.977727	2.45044	2.22779	1
cg06788656	HENBP3	0.518355	0.933009	0.962082	-1.03941	0.393342	1.49481	1.49481	0.702834	0.838428	-1.19271	0.468242	1.40398	1.40398	0.495142	0.727204	-1.37501	0.311168	0.617702	-1.61882	0.128204	0.469324	-2.13072	0.239911	0.563933	-1.76077	0.452972	1.4212	1.4212	0.977318	3.27317	2.97579	1
cg00481081	P4HA1;P4HA1;P4HA1;P4HA1	0.518156	0.420137	1.15217	1.15217	0.909198	1.01981	1.01981	0.556786	1.10761	1.10761	0.958759	0.991146	-1.08093	0.604992	1.09388	1.09388	0.693104	0.934061	-1.07059	0.101907	0.734983	-1.36058	0.12532	1.33017	1.33017	0.646579	1.08263	1.078118	0.457975	0.416366	1
cg26682234	NEURL1B	0.518162	0.233733	0.649421	-1.53983	0.113831	0.551651	-1.81274	0.120046	0.581545	-1.79165	0.804379	1.0896	1.0896	0.789585	0.911668	-1.09689	0.66553	0.860374	-1.16228	0.501582	1.26597	1.26597	0.855983	0.939114	-1.06483	0.646862	1.172292	1.172292	0.977706	1.85135	1.68317	1
cg21237939	LHX6;LHX6	0.518165	0.236837	0.804814	-1.24252	0.901923	0.978632	-1.02183	0.925186	1.0166	1.0166	0.214003	0.795148	-1.25763	0.607952	0.913332	-1.09489	0.76484	0.948798	-1.05396	0.234494	1.24401	1.24401	0.165498	1.29583	1.29583	0.781189	1.05	1.05	0.977701	0.475313	0.432136	1
cg21883683	CHRNA7	0.518196	0.963132	1.00877	1.00877	0.969597	1.09855	1.09855	0.130115	1.48039	1.48039	0.944536	0.984921	-1.01516	0.431349	0.939027	-1.19186	0.297554	0.789698	-1.26631	0.875456	1.03827	1.03827	0.304211	1.34019	1.34019	0.383199	1.21582	1.21582	0.977648	0.739467	0.67235	1
cg04109883	C10orf72	0.518209	0.124584	0.316973	-1.15485	0.530646	1.55098	1.55098	0.597487	1.4432	1.4432	0.764078	0.81222	-1.23119	0.133723	0.530853	-3.02249	0.340446	0.86105	-1.16105	0.483282	0.61122	-1.63607	0.917031	1.07466	1.07466	0.824355	1.16602	1.16602	0.977624	7.39257	6.72157	1
cg04569055	PDLIM2;PDLIM2;PDLIM2;PDLIM2	0.51821	0.0870291	0.471399	-2.12135	0.984075	0.992088	-1.00797	0.341649	0.677101	-1.47688	0.192418	0.577498	-1.73161	0.361179	0.688283	-1.45289	0.102836	0.491527	-2.03448	0.437382	0.729587	-1.37064	0.45842	0.740474	-1.35049	0.746757	0.879025	-1.13762	0.977623	2.45219	2.22961	1
cg16185834	VSX1;VSX1	0.518213	0.419519	1.37955	1.37955	0.726315	1.16817	1.16817	0.190127	0.40557	-2.46517	0.578585	1.58979	1.58979	0.353309	2.59225	2.59225	0.836097	0.843168	1.186	0.658358	0.693344	-1.44229	0.657212	0.545502	1.83376	0.543503	0.883896	1.18337	1.18337	0.977602	10.4985	9.54576	1
cg11135381	POLR1A	0.518233	0.370749	0.553346	-1.80719	0.205165	0.26476	2.36476	0.15296	2.67902	2.67902	0.624711	0.728014	-1.3736	0.192134	0.411097	-2.43252	0.807699	0.854699	1.17	0.973305	1.02178	1.02178	0.808344	1.16937	1.16937	0.655099	0.748653	-1.33573	0.975383	0.641837	0.53604	1
cg08444325	NKX6-2	0.518233	0.805929	0.953859	-1.04837	0.813527	1.08094	1.08094	0.220398	0.628098	-1.59213	0.36626	0.715298	-1.39802	0.498042	1.28138	1.28138	0.125076	0.540204	-1.85082	0.364997	0.657116	-1.5218	0.173351	0.591149	-1.69162	0.567207	0.811591	-1.23215	0.977583	2.02729	1.83426	1
cg23606864	MAP2K6	0.518238	0.0679852	0.414511	-2.41248	0.539922	1.21461	1.21461	0.0849924	0.821306	-1.21757	0.192136	0.685424	-1.45895	0.267581	0.608004	-1.64473	0.150168	0.514495	-1.94365	0.847448	1.0855	1.0855	0.985812	0.992368	-1.00769	0.551059	0.771156	-1.29675	0.977574	2.87386	2.61315	1
cg06970228	RRN3P1	0.518248	0.0759359	0.68598	-1.45777	0.189503	0.760876	-1.30364	0.774229	1.05642	1.05642	0.149325	0.74111	-1.3493	0.105845	0.508385	-1.96632	0.67412	0.922464	-1.08405	0.909057	0.97856	-1.02191	0.905465	0.977583	-1.02293	0.706331	0.97482	1.02548	0.977558	0.56381	0.51267	1
cg21772151	C19orf10	0.518276	0.38526	1.78433	-1.27416	0.909009	0.96151	1.04166	0.944436	0.981182	-1.01918	0.292677	0.742942	-1.346	0.0577207	0.554307	-1.80406	0.364969	0.75722	-1.32079	0.846919	0.93583	-1.06871	0.124553	0.68448	-1.57709	0.606636	0.868175	-1.15184	0.975509	1.14694	1.04266	1
cg18082014	OPA3;OPA3	0.518277	?	?	?	?	?	?	?	?	?	?	?	?	0.518277	0.544749	-1.83571	?	?	?	?	?	?	?	?	?	0.500612	0.639972	5.13152	1
cg12384712	USP41;USP4	0.518278	0.493569	1.39711	1.39711	0.114331	2.28433	2.28433	0.774405	1.14822	1.14822	0.188862	1.52916	1.52916	0.0119	0.482374	2.09935	0.144109	2.12703	2.12703	0.490383	0.679011	-1.47273	0.720725	1.18845	1.18845	0.418279	1.48856	1.48856	0.977506	3.58132	3.25565	1
cg10108389	ZNF501	0.518284	0.682576	1.14243	1.14243	0.757009	1.10573	1.10573	0.212901	1.52931	1.52931	0.132606	0.69133	1.69133	0.743712	1.11209	1.11209	0.425429	1.768299	-1.30158	0.761372	0.906075	-1.10366	0.123815	1.71557	1.71557	0.37736	1.34089	1.34089	0.974794	1.62352	1.47635	1
cg22190028	COL11A2;COL11A2;COL11A2;COL11A2	0.518293	0.937366	0.953546	-1.04872	0.896141	0.923997	-1.08225	0.678621	0.777098	-1.28684	0.974759	1.01933	1.01933	0.918023	0.909382	0.665852	-1.50184	0.026261	0.202812	-4.93067	0.581252	1.40099	1.40099	0.896589	1.0818	1.0818	0.643217	1.32621	1.32621	0.977479	5.67127	5.15728	1
cg08150250	SRCIN1	0.518295	0.578809	0.805649	-1.24122	0.215595	1.6525	1.6525	0.718184	1.14989	1.14989	0.322387	0.67439	-1.48282	0.307962	0.665852	-1.50184	0.238015	0.621057	-1.61016	0.511151	1.29283	1.29283	0.760337	0.888795	-1.12512	0.226666	0.613331	-1.63044	0.977476	2.29926	2.09088	1
cg07362006	ITO	0.518299	0.322889	0.576569	-1.73457	0.109745	0.576339	1.7356	0.186995	1.7514006	1.33084	0.648326	0.8606501	-1.16203	0.0577207	0.554307	-1.80406	0.367868	0.71859	-1.39161	0.332987	0.558358	1.79057	0.233427	1.23142	1.23142	0.527254	0.813459	-1.22932	0.97468	1.02804	1.4625	1
cg18447643	SPATA4	0.518302	0.34028	0.675261	-1.48091	0.165161	0.553489	-1.80672	0.855622	0.929815	-1.07548	0.23909	0.611041	-1.63655	0.608657	0.813571	1.22915	0.520042	0.77064	-1.29762	0.0736351	0.45077	-2.21843	0.832287	1.08842	1.08842	0.624693	1.21773	1.21773	0.977463	2.47123	2.2473	1
cg14833439	RBMS1	0.518307	0.568005	1.35816	1.35816	0.113139	2.49572	2.49572	0.0574911	1.12544	1.12544	0.44193	1.51574	1.51574	0.890379	1.07589	1.07589	0.557792	1.36947	1.36947	0.215236	1.9976	1.9976	0.553585	1.3742	1.3742	0.428997	1.53461	1.53461	0.977455	4.35576	3.96109	1
cg03359966	KIAA1211	0.518314	0.803579	0.958464	-1.04319	0.674317	1.15124	1.15124	0.0610973	1.017	1.017	0.0610973	1.017	1.017	0.0610973	1.017	1.017	0.0610973	1.017	1.017	0.0610973	1.017	1.017	0.0610973	0.905911	1.00332	1.00332	0.942873	0.974403	0.974403	0.44796	0.407859	0.36708	1
cg07350977	CDH9	0.518315	0.443561	1.18397	1.18397	0.789181	0.943714	-1.05964	0.163113	1.37963	1.37963	0.107546	1.46182	1.46182	0.878513	0.967474	-1.03362	0.854829	0.961181	-1.04039	0.34186	0.809192	-1.2358	0.302666	1.25963	1.25963	0.716795	1.08194	1.08194	0.977441	0.723456	0.657914	1
cg10116159	NHS;NHS	0.518315	0.241077	0.223697	-4.47033	0.874675	1.2124	1.2124	0.199536	0.191308	-5.22718	0.584669	1.96108	1.96108	0.862591	0.804454	-1.23558	0.063294	0.781665	-1.27962	0.760964	1.45108	1.45108	0.840675	1.2784	1.2784	0.977441	23.0491	20.361	1
cg10779116	PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5	0.518322	0.439956	0.815376	-1.22643	0.352663	0.780478	-1.28127	0.566825	0.860685	-1.16187	0.520057	1.1841	1.1841	0.915653	1.02784	1.02784	0.197296	0.702433	-1.42362	0.192064	0.699178	-1.43025	0.276652	0.745851	-1.34075	0.115521	0.64186	-1.55797	0.977429	1.03962	0.945444	1
cg00164559	KIAA1279	0.518325	0.0966459	0.439882	-2.27344	0.0955532	0.125006	0.800268	-1.4422	0.215006	0.884388	-1.13098	0.0577207	0.554307	-1.80406	0.367868	0.71859	0.321673	1.49481	1.49481	0.390063	0.669188	-1.49481	0.390063	0.823373	-1.21419	0.10545	0.00545	-1.46942	0.416704	0.817907	-1.22254	0.974129	0.907185	0.825008	1
cg22545957	C10orf11	0.518326	0.0925805	0.483638	-2.06766	0.0655914	0.405414	-2.24712	0.591677	0.808549	-1.23678	0.599464	0.812223	-1.23119	0.435838	0.731973	-1.36617	0.891689	0.947935	-1.05492	0.277576	0.642004	-1.55762	0.308224	0.661053	-1.51274	0.679786	0.849683	-1.17691	0.977422	2.38441	2.16843	1
cg04356090	SLC15A4	0.518334	0.974634	1.00753	1.00753	0.109745	0.576339	1.7356	0.186995	1.7514006	1.33084	0.648326	0.8606501	-1.16203	0.0577207	0.554307	-1.80406	0.367868	0.71859	-1.39161	0.332987	0.558358	1.79057	0.233427	1.23142	1.23142	0.527254	0.813459	-1.22932	0.97468	1.02804	1.4625	1
cg13499966	CYS1	0.518332	0.308067	0.870244	-1.1491	0.132822	0.807643	-1.23817	0.451437	0.903871	-1.10635	0.47916	0.909582	-1.09941	0.51856	1.09004	1.09004	0.397463	0.892138	1.1209	0.492972	0.912359	-1.09606	0.367262	1.12076	1.12076	0.212886	0.841291	-1.18865	0.977411	0.26863	0.244301	1
cg00105691	GAP43;GAP43	0.518332	0.216984	0.68431	1.86431	0.79995	0.655385	-1.52582	0.598507	0.42093	-2.42093	0.740821	1.73732	1.73732	0.717768	1.82939	1.82939	0.069136	0.0339156	-29.485	0.789721	1.56009	1.56009	0.653298	1.22202	1.22202	0.397577	0.236613	-4.22631	0.977411	42.8615	38.9797	1
cg08916839	AHR8	0.518338	0.280758	0.784934	-1.27416	0.700408	0.813124	-1.22959	0.683597	0.84288	-1.18684	0.396026	1.28703	1.28703	0.65703	0.894705	-1.11777	0.364516	0.908453	-1.10076	0.319564	1.2453	1.2453	0.840917	1.46939	1.46939	0.977861	1.02299	1.02299	0.977401	0.30594	0.44945	1
cg21090075	SLC16A8	0.518355	0.393574	1.37381	1.37381	0.494451	1.28677	1.28677	0.90961	0.959568	-1.04214	0.670408	1.16833	1.16833	0.432691	1.33773	1.33773	0.197641	1.6403	1.6403	0.0422274	2.34049	2.34049	0.26302	1.52816	1.52816	0.759108	1.11826	1.11826	0.977371	2.04427	1.8592	1
cg04169232	GOLGA7;GOLGA7	0.518364	0.332984	0.802396	-1.24626	0.432529	1.1752	1.1752	0.0606895	1.16196	1.16196	?	?	?	?	?	?	0.712514	1.0963	1.0963	0.546017	1.08885	-1.10035	0.772966	1.04521	-1.05797	0.592543	0.918932	-1.08822	0.966966	0.933432	1.34482	1
cg11824191	NMNAT2;NMNAT2	0.518366	0.138732	0.26223	-3.81345	0.858046	0.860392	-1.16226	0.607231	1.54568	1.54568	0.610003	0.649176	-1.54042	0.0902569	0.208473	4.79677	0.44398	0.519207	-1.92601	0.576521	0.622593	-1.60619	0.190218	0.421322	2.37348	0.073552	0.10187	9.93042	1
cg13331526	KCNA1	0.518373	0.774618	0.853173	-1.1721	0.0420611	3.65325	3.65325	0.42976	1.56176	1.56176	0.482916	0.674078	-1.48351	0.902361	1.07024	1.07024	0.674264	1.26341	1.26341	0.569815	0.727829	-1.37395	0.583211	0.73602	-1.35866	0.949654	0.965677	-1.03554	0.977343	4.73545	4.30686	1
cg05962644	BCL2;BCD1	0.518373	0.7519257	1.15029	1.15029	0.826609	1.08326	1.08326	0.43752	1.3757	1.3757	0.0606895	1.16196	1.16196	?	?	?	0.712514	1.0963	1.0963	0.546017	1.08885	-1.10035	0.772966	1.04521	-1.05797	0.592543	0.918932	-1.08822	0.966966	0.933432	1.34482	1
cg11824191	NMNAT2;NMNAT2	0.518366	0.138732	0.26223	-3.81345	0.858046	0.860392	-1.16226	0.607231	1.54568	1.54568	0.610003	0.649176	-1.54042	0.0902569	0.208473	4.79677	0.44398	0.519207	-1.92601	0.576521	0.622593	-1.60619	0.190218	0.421322	2.37348	0.073552	0.10187	9.93042	1
cg13331526	KCNA1	0.518373	0.774618	0.853173	-1.1721	0.0420611	3.65325	3.65325	0.42976	1.56176	1.56176	0.482916	0.674078	-1.48351	0.902361	1.07024	1.07024	0.674264	1.26341	1.26341	0.569815	0.727829	-1.37395	0.583211	0.73602	-1.35866	0.949654	0.965677	-1.03554	0.977343	4.73545	4.30686	1
cg05962644	BCL2;BCD1	0.518373	0.7519257	1.15029	1.15029	0.826609	1.08326	1.08326	0.43752	1.3757	1.3757	0.0606895	1.16196	1.16196	?	?	?	0.712514	1.0963	1.0963	0.546017	1.08885	-1.10035	0.772966	1.04521	-1.05797	0.592543	0.918932	-1.08822	0.966966	0.933432	1.34482	1
cg17005222	PTDSS2	0.518391	0.871294	1.13988	1.13988	0.427688	1.92295	1.92295	0.809477	1.21535	1.21535	0.886347	1.12241	1.12241	0.0387064	0.144699	-9.91088	0.337793	0.450279	-2.22085	0.99451	0.99446	-1.00557	0.993529	1.00657	1.00657	0.560122	0.621429	-1.60919	0.977309	10.0915	9.1785	1
cg08825817	NMP17	0.518395	0.919694	1.03474	1.03474	0.647317	1.15124	1.15124	0.0610973	1.017	1.017	0.0610973	1.017	1.017	0.0610973	1.017	1.017	0.0610973	1.017	1.017	0.0610973	1.017	1.017	0.0610973	0.905911	1.00332	1.00332	0.942873	0.974403	0.974403	0.44796	0.407859	0.36708	1
cg08844974	PTPRE	0.518404	0.151003	0.270406	-3.69814	0.286452	0.390347	-2.56183	0.237851	0.349659	-2.85993	0.772052	0.781255	-1.27999	0.152557	0.271939	-3.6773	0.864435	1.1563	1.1563	0.116631	0.23484	-4.25822	0.901306	0.899962	-1.11136	0.938744	0.936771	-1.0675	0.977293	11.1787	10.1675	1
cg02408480	EXOC8	0.518408	0.139924	0.601831	-1.66159	0.854833	1.01827	1.01827	0.158356	0.637617	-1.61913	0.329198	0.670397	-1.49165	0.328192	0.724233	-1.38081	0.491472	1.12593	1.12593	0.942071	0.731552	-1.36702	0.677093	0.874684	-1.14327	0.282438	0.699705	-1.42917	0.977279	1.58252	1.41903	1
cg19693976	KIF26B	0.518419	0.222089	0.485619	-2.05923	0.102162	0.36534	2.73718	0.0175347	1.4424	0.782497	0.15969	0.6265	1.6265	0.206543	0.240614	-2.11683	0.354146	0.584732	-1.71018	0.61317	0.813448	-1.23442	0.194999	0.462275	-2.16322	0.664136	1.13788	1.1788	0.726	-4.9041	-4.46063	1
cg07505510	SPOCK1	0.518432	0.834492	0.928341	-1.07719	0.546752	1.24201	1.24201	0.0871789	0.511094	-1.95659	0.62506	1.19129	1.19129	0.482439	1.28879	1.28879	0.138468	1.76266	1.76266	0.923465	1.03474	1.03474	0.994915	0.997738	-1.00227	0.657707	0.853445	-1.17172	0.977238	1.95474	1.77802	1
cg26309498	EDAR	0.518444	0.958331	1.0287	1.0287	0.197757	1.12115	1.12115	0.0977597	0.824292	0.197757	0.158387	0.656783	-1.51795	0.538827	0.856539	-1.28062	0.845207	-1.11314	0.898547	0.186496	0.814273	1.2923	1.2923	0.800584	1.30141	1.30141	0.45863	0.793709	-1.25981	0.977217	1.5457	1.31918	1
cg23991669	PCGF3	0.518452	0.279242	1.54198	1.54198	0.443592	1.35081	1.35081	0.883894	0.15878	1.05787	0.294725	1.51945	1.51945	0.117229	1.92525	1.92525	0.175973	0.574702	-1.74003	0.790306	1.10805	1.10805	0.743985	1.13446	1.13446	0.867106	0.937561	-1.0666	0.977203	2.29364	2.08636	1
cg01079196	MTMR1	0.518464	0.221831	0.329015	-4.43834	0.973984	0.964404	-1.03702	0.970705	0.959894	-1.04178	0.141116	0.84679	-1.18031	0.0387064	0.144699	-9.91088	0.337793	0.450279	-2.22085	0.99451	0.99446	-1.00557	0.993529	1.00657	1.00657	0.560122	0.621429	-1.60919	0.977309	10.0915	9.1785	1
cg13708959	MTA2	0.518466	1.0496127	0.574667	0.74014	0.912746	0.973256	-1.02748	0.922454	1.0241	1.0241	0.866445	1.04251	1.04251	0.235804	1.75456	1.5597	0.926342	0.977391	-1.02313	0.676547	1.10934	1.10934	0.794873	1.06056	1.06056	0.681178	1.10757	1.10757	0.977178	0.946627	0.861098	1
cg07355590	LRGUK	0.518485	0.14902	0.67102	-1.49027	0.332981	0.77301	-1.29364	0.747167	1.08697	1.08697	0.750462	0.70854	1.08574	1.08574	0.124636	0.651417	-1.53512	0.453353	1.21766	1.21766	0.365598	0.7869	-1.27081	0.822497	0.943719	-1.05964	0.625598	1.13516	1.13516	0.977147	1.02859	0.93569	1
cg26880525	HS3ST1;HS3ST1B1	0.518489	0.352369	0.69358	-1.44202	0.555548	1.7166	1.7166	0.159065	1.5644	1.5644	0.639063	1.56444	1.56444	0.317217	1.53505	1.53505	0.0577207	0.554307	-1.80406	0.367868	0.71859	-1.39161	0.332987	0.558358	1.79057	0.233427	1.23142	1.23142	0.527254	0.813459	-1.22932	0.97468	1.02804	1.4625	1
cg10539167	TMEM18	0.518492	0.181964	0.717708	-1.39332	0.18974	0.722387	-1.3843	0.30638	1.28138	1.28138	0.316145	1.27461	1.27461	0.667913	0.903891	-1.10633	0.50098	1.17341	1.17341	0.797595	1.06202	1.06202	0.489999	1.17842	1.17842	0.714966	1.08967	1.08967	0.977134	0.848295	0.771686	1
cg23572319	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.518495	0.569308	0.714917	-1.39876	0.138386	2.53669	2.53669	0.825535	0.879136	-1.13748	0.344573	1.76481	1.76483	0.16114	2.39468	2.39468	0.250076	0.495928	-2.01642	0.858406	0.901047	-1.10982	0.94311	0.959213	-1.04252	0.930333	0.950259	-1.05234	0.977129	5.26876	4.79297	1
cg02606596	FAM82A2	0.518501	0.804734	0.928108	-1.07746	0.159385	1.5729	1.5729	0.685609	1.13041	1.13041	0.774042	0.916953	-1.09057	0.070809	0.544427	-1.83679	0.61075	0.856747	-1.16721	0.843125	1.06149	1.06149	0.518297	0.820986	-1.21805	0.574769	0.843046	-1.18618	0.977112	1.40389	1.27713	1
cg26568304	C16orf75	0.518503	0.0545354	0.453003	-2.20763	0.0913729	0.921111	1.08555	0.966476	1.02876	1.02876	0.718198	0.654264	-1.52843	0.450802	0.565848	-1.76713	0.384335	0.70833	-1.41157	0.304251	0.844117	1.18451	0.855731	1.16586	1.16586	0.392101	0.522196	-1.91499	0.977104	0.4976	0.77304	1
cg03143742	SCARF2;SCARF2;SCARF2;SCARF2	0.518511	0.888161	0.977241	-1.02329	0.743309	0.947655	-1.05524	0.661145	1.07483	1.07483	0.601403	1.09005	1.09005	0.190677	0.797147	1.25447	0.811931	1.03977	1.03977	1.00324	1.34264	1.34264	0.41346	1.14659	1.14659	0.243713	1.22087	1.22087	0.977101	0.414253	0.376854	1
cg05832377	CEP250	0.518514	0.585711	0.792995	-1.26104	0.689931	1.18411	1.18411	0.790153	1.11895	1.11895	0.758616	1.1387	1.1387	0.0310629	0.344174	-2.9055	0.351226	0.667439	-1.49826	0.867761	0.932185	1.07275	0.958988	1.02191	1.02191	0.979297	1.011	1.011	0.977096	2.74811	2.50003	1
cg00912040	CNPN	0.518522	0.779027	1.09003	1.09003	0.872105	1.17477	1.17477	0.17903	0.622627	1.60624	0.162658	1.38005	1.38005	0.0577207	0.554307	-1.80406	0.484193	0.85465	-1.16966	0.623564	0.799557	-1.25081	0.0772171	0.556318	1.79858	0.556338	0.644159	1.18883	0.977081	0.75922	0.684053	1
cg15704219	C10orf18	0.518523	0.59719	0.829866	-1.20501	0.329526	0.703356	-1.42175	0.250416	0.657055	-1.52194	0.677633	0.863998	-1.15741	0.578663	0.821872	-1.21673	0.427075	0.75309	-1.32786	0.0384866	0.432387	-2.31275	0.201003	0.62359	-1.60362	0.692314	0.870154	-1.14922	0.97708	1.80235	1.72155	1
cg05704756	PRNP;PRNP;PRNP;PRNP	0.518524	0.825361	1.0067	1.0067	0.851529	1.08473	1.08473	0.599824	1.26063	1.26063	0.451246	1.38537	1.38537	0.0445385	0.721868	-1.38513	0.311168	0.617702	-1.61882	0.128204	0.469324	-2.13072	0.239911	0.563933	-1.76077	0.452972	1.4212	1.4212	0.977318	3.27317	2.97579	1
cg09839059	MARVELD3	0.518533	0.990025	0.00374	1.00374	0.204872	1.49092	1.49092	0.155415	1.5744	1.5744	0.163188	0.641229	-1.55951	0.613742	0.859025	-1.16411	0.719727	0.898006

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg14602560	SCLY	0.675151	0.984088	1.06375	0.715731	1.05507	0.15937	1.2805	1.2805	0.584984	1.08419	1.08419	0.878868	1.02242	1.02242	0.933235	1.01236	1.02236	0.182783	0.760785	1.29906	0.390534	0.888505	-1.13571	0.967408	1.00601	1.00601	0.376448	0.33228	0.302471	1
cg13766795	DNM1;DNM1	0.518866	0.27391	1.56516	0.951497	1.02422	1.02422	0.605526	1.22753	1.22753	0.858142	1.07294	1.07294	0.734754	0.874756	-1.14318	0.889717	0.946871	-1.05611	0.6072024	2.29803	2.29803	0.128469	1.90893	1.90893	0.535886	1.29976	1.29976	0.976485	2.39451	2.17971	1
cg02957469	ADARB2	0.518871	0.989473	0.99552	-1.0045	0.88833	1.04897	1.04897	0.569192	0.822187	-1.21627	0.451505	1.2983	1.2983	0.317083	0.703307	-1.42185	0.449896	0.769496	-1.29955	0.0832837	1.92031	1.92031	0.288076	1.45549	1.45549	0.848972	0.937182	-1.05703	0.976476	1.79105	1.6304	1
cg16085171	PITPNM2	0.793161	1.1113	1.1113	0.686206	1.17715	1.17715	0.291718	1.5517	1.5517	0.622387	1.2206	1.2206	0.0582099	2.36237	2.36237	1.00043	0.0954402	2.08651	2.08651	0.469812	1.34353	1.34353	0.511733	1.30638	1.30638	0.976468	2.49417	2.27047	1
cg19863630	ROBLD3;UBQLN4;ROBLD3	0.51888	0.407142	0.845869	-1.18232	0.232628	1.28029	1.28029	0.10638	1.45634	1.41634	0.872179	0.968714	-1.0323	0.744383	0.937456	-1.06672	0.461144	1.15964	1.15964	0.442924	1.16099	1.16099	0.316034	1.22708	1.22708	0.281354	1.24735	1.24735	0.976462	0.602648	0.5486	1
cg15633369	PRKG1;PRKG1	0.51888	0.687725	1.24436	1.24436	0.142803	0.426577	-1.34424	0.615381	0.760269	-1.31532	0.809619	1.1395	1.1395	0.668368	1.2626	-1.3626	0.848423	1.10908	1.10908	0.15647	2.2708	2.2708	0.260605	1.88073	1.88073	0.32302	1.73726	1.73726	0.97646	4.52728	4.12126	1
cg15727708	PIKNON2	0.51888	0.520488	0.710463	-1.40753	0.78344	1.15556	1.15556	0.182788	0.476196	-2.09998	0.939248	1.04081	1.04081	0.0540679	0.31744	-3.1502	0.936263	0.958896	-1.04287	0.742928	0.841373	-1.18853	0.456391	1.48896	1.48896	0.512268	0.705539	-1.41736	0.97646	4.25925	3.87727	1
cg15604993	MYO5C	0.51888	0.21152	0.502917	-1.98836	0.193475	2.00918	2.00918	0.38338	1.59499	1.59499	0.627144	0.806542	-1.24009	0.257611	0.524696	-1.90823	0.807174	1.13624	1.13624	0.842195	1.10972	1.10972	0.313655	0.580253	-1.72339	0.603439	0.760542	-1.31485	0.976444	4.21885	3.84056	1
cg23188294	UBE2M;LOC100131691	0.51888	0.39636	1.34893	1.34893	0.814777	0.923374	1.08416	0.642297	1.08605	1.08605	0.382203	1.36149	1.36149	0.431016	0.758247	1.31883	0.0676171	0.493405	-2.02673	0.407935	1.33838	1.33838	0.983975	1.00694	1.00694	0.998923	0.999535	1.00047	0.976439	1.83151	1.66911	1
cg20225681	CILP	0.518901	0.445482	0.68938	-1.45058	0.05131808	2.88865	2.88865	0.494193	1.39379	1.39379	0.770589	0.869496	-1.15009	0.866102	0.922462	-1.08406	0.66067	0.809556	-1.23525	0.605725	0.779558	-1.28278	0.734876	1.17652	1.17652	0.403839	0.664624	-1.50461	0.976424	3.53713	3.22003	1
cg20976843	RASGAP2;RAP1GAP2	0.518902	0.232246	0.449417	-2.22496	0.0703221	1.27192	1.27192	0.115655	0.882422	0.882422	-1.13352	0.784397	0.70915	-1.41002	0.839868	1.19052	0.0818231	0.709619	1.40919	0.344507	0.90139	0.90139	0.947229	0.915845	-1.09207	0.459396	0.594918	-1.6809	0.976422	7.23356	6.58509	1
cg01460982	SLC23A2;SLC23A2;3	0.518914	0.548771	1.25396	1.25396	0.768709	1.11627	1.11627	0.0521378	2.27955	2.27955	0.425622	1.35454	1.35454	0.25094	1.5643	1.5643	0.444193	1.36502	1.36502	0.627204	1.20028	1.20028	0.112462	1.90511	1.90511	0.588397	1.22605	1.22605	0.976401	2.15147	1.95864	1
cg01040609	DENND3	0.518917	0.457122	1.54248	1.54248	0.180119	2.29449	2.29449	0.111705	2.69503	2.69503	0.989618	0.992581	-1.00747	0.286846	1.88318	1.88318	0.111633	2.60566	2.60566	0.406552	1.6257	1.6257	0.939277	0.934255	-1.06831	0.97165	1.02055	1.02055	0.976398	5.06512	4.61116	1
cg23955842	GPR50	0.518917	0.173346	0.165811	-6.03095	0.79021	0.718432	-1.39192	0.8754	0.82314	-1.21486	0.184413	7.23248	7.23248	0.922476	0.886273	-1.12832	0.147881	0.145795	-6.85894	0.6186561	1.86371	1.86371	0.772121	1.44367	1.44367	0.970111	1.04757	1.04757	0.976396	23.7897	21.6576	1
cg10224406	MIR1178;CIT	0.518924	0.719661	1.31971	1.31971	0.210582	2.76369	2.76369	0.0378242	6.39727	6.39727	0.582176	1.5345	1.5345	0.479179	0.8900338	-1.12355	0.560217	0.635147	-1.57444	0.594742	1.51247	1.51247	0.667551	1.3951	1.3951	0.740995	1.29124	1.29124	0.976385	9.18223	8.35938	1
cg10250663	IRX6	0.518927	0.931366	1.07383	-1.06934	0.431588	1.87423	1.87423	0.0440344	1.44453	1.44453	0.969993	1.02888	1.02888	0.212391	0.9509994	-1.05147	0.509565	1.68807	1.68807	0.35427	2.10824	2.10824	0.0918077	1.42763	1.42763	0.30074	2.3145	2.3145	0.97638	9.4713	8.6226	1
cg08636931	CDK2AP1	0.518927	0.585763	0.759516	-1.31663	0.388898	0.643149	-1.55485	0.95276	0.970821	-1.03006	0.679188	0.812307	-1.23106	0.399961	0.650066	-1.53831	0.213339	0.519425	-1.9252	0.0416397	0.30913	-3.23488	0.594337	0.764385	-1.30824	0.214358	0.520261	-1.92211	0.976379	3.86362	3.51741	1
cg09807128	HSPA1B;HSPA1B	0.518935	7	7	7	7	0.196099	0.240292	4.1616	0.2967	0.2967	0.322792	-3.0982	0.325805	0.34632	-2.88751	0.206533	0.264457	-4.02484	0.547673	0.529451	-1.88725	0.81794	0.785843	-1.27352	0.6549881	1.59078	1.59078	0.313325	0.729417	2.07417	0.960956	14.8553	15.3789	1
cg12279128	CHCHD10	0.518943	0.905203	0.981785	-1.01851	0.869707	1.02558	1.02558	0.661321	1.08239	1.08239	0.170378	0.901813	0.101819	0.864694	0.93036	1.03036	0.29844	1.182	1.182	0.117633	0.7667258	-1.30419	0.134535	0.777345	-1.28643	0.623764	1.07936	1.07936	0.987335	0.846494	0.287071	1
cg11247519	TPO52L1;TPO52L1;TPO52L1;TPO52L1	0.518944	0.225643	0.746745	-1.33915	0.850935	0.957743	-1.04412	0.153294	0.704027	-1.4204	0.850789	1.04417	1.04417	0.832288	1.04987	1.04987	0.18089	0.721776	-1.38547	0.10457	0.6655536	-1.50255	0.853159	1.04344	1.04344	0.738864	0.926093	-1.07981	0.97635	0.8144665	0.741506	1
cg13587582	YTHDF1	0.518951	0.39398	0.373163	-2.67953	0.312238	1.29245	1.29245	0.32261	1.32025	1.32025	0.31981	1.19981	1.19981	0.357927	0.842447	0.91476	7	7	0.0612116	0.0798933	-12.5167	0.888874	0.76593	-1.30567	0.508197	1.96	1.96	0.0127158	0.626124	1.59675	0.712791	0.406428	0.58505	1.72391	1.46048	1
cg16171182	FOXP2;FOXP2;FOXP2	0.518958	0.0682355	0.294581	-3.39465	0.0761845	0.906954	-3.25782	0.686386	0.784291	-1.27504	0.413587	0.60633	-1.64927	0.315423	0.537212	-1.86146	0.672606	0.775362	-1.28972	0.374498	0.5704651	-1.75753	0.602377	0.730051	-1.36977	0.481566	0.651676	-1.53451	0.976426	5.54061	5.04441	1
cg17176005	DDR1;DDR1;DDR1	0.518971	0.254864	0.733703	-1.36337	0.586665	1.32108	1.32108	0.0422785	2.12175	2.12175	0.416835	1.37309	1.37309	0.0867624	2.01444	2.01444	0.252678	1.83315	1.83315	0.115205	2.00549	2.00549	0.0400496	1.946	1.946	0.0206449	1.98469	1.98469	0.0410026	1.53319	1.53319	0.976429	3.62208	3.29	1
cg20033591	SH3TC1	0.518974	0.235829	0.310269	-3.22301	0.759216	0.748549	-1.33592	0.94128	1.07186	1.07186	0.98876	1.0136	1.01336	0.532799	1.81329	1.81329	0.536808	0.554781	-1.80251	0.369489	2.38272	2.38272	0.0652179	0.422278	-7.0285	0.711533	1.41894	1.41894	0.976298	13.722	12.4935	1
cg24899361	TSPO;TSPO	0.518979	0.318302	0.695269	-1.43829	0.5397	1.24456	1.24456	0.697457	0.871195	-1.14758	0.482473	0.777612	-1.28599	0.836003	1.07548	1.07548	0.308721	0.449151	-2.22604	0.450516	0.983576	-1.0167	0.246067	0.65216	-1.53337	0.676289	1.91987	1.748	1
cg20687379	WDR86	0.51898	0.656121	0.894007	-1.11859	0.431588	1.87423	1.87423	0.440344	1.44453	1.44453	0.969993	1.02888	1.02888	0.212391	0.9509994	-1.05147	0.509565	1.68807	1.68807	0.35427	2.10824	2.10824	0.0918077	1.42763	1.42763	0.30074	2.3145	2.3145	0.97638	9.4713	8.6226	1
cg17304467	DAK	0.518991	0.819916	0.872599	-1.146	0.14187	0.389119	-2.56991	0.22254	0.464818	-2.15138	0.704225	0.796169	-1.25601	0.139642	0.386751	-2.58565	0.498664	1.50757	1.50757	0.3907274	1.69139	1.69139	0.862921	0.901873	-1.1088	0.935266	1.04975	1.04975	0.976269	5.52276	5.02845	1
cg18446708	ACTN1;ACTN1;ACTN1	0.519005	0.963755	1.03833	1.03833	0.93564	1.02558	1.02558	0.431588	1.87423	1.87423	0.440344	1.44453	1.44453	0.969993	1.02888	1.02888	0.212391	0.9509994	-1.05147	0.509565	1.68807	1.68807	0.35427	2.10824	2.10824	0.0918077	1.42763	1.42763	0.97638	9.4713	8.6226	1
cg09520583	NUDT10	0.518997	0.15198	0.248414	-4.02554	0.589662	1.63833	1.63833	0.334357	0.405156	-2.46819	0.205071	0.363668	1.36498	0.918996	0.911823	1.0967	0.318192	0.392112	-2.55029	0.460779	0.6048937	-1.65308	0.64781	0.76081	-1.3077	0.630776	0.795258	0.976258	12.7317	11.5923	1
cg00662647	SLC35F3	0.519002	0.941243	0.957943	-1.0439	0.800405	0.862686	-1.15917	0.255392	2.60704	2.60704	0.704093	1.24928	1.24928	0.0579255	0.279779	-3.57424	0.762629	0.838085	-1.1932	0.637839	1.31872	1.31872	0.628247	1.32939	1.32939	0.540554	1.45389	1.45389	0.987227	5.19987	4.09667	1
cg19775183	ZBTB43;ZBTB43	0.519006	0.480798	0.73554	-1.36001	0.611128	1.91186	1.91186	0.0662	0.180379	0.180379	0.124558	2.19158	2.19158	0.117791	0.7867446	-1.27098	0.432815	1.15284	1.15284	0.490194	0.907712	0.907712	-1.10167	0.700338	0.852816	0.976245	1.01607	1.01607	0.976243	0.502212	0.455453	1
cg07119472	BIN2	0.519008	0.261993	0.676394	-1.47843	0.45012	1.29335	1.29335	0.349235	0.724614	-1.38004	0.0920752	0.518802	-1.85867	0.802493	0.919638	-1.08718	0.960164	1.01684	1.01684	0.495406	1.26036	1.26036	0.637822	0.853423	-1.17175	0.257044	0.673401	-1.485	0.97624	1.72765	1.57306	1
cg19076688	THAP9	0.519015	0.254854	0.733703	-1.36337	0.586665	1.32108	1.32108	0.0422785	2.12175	2.12175	0.416835	1.37309	1.37309	0.0867624	2.01444	2.01444	0.252678	1.83315	1.83315	0.115205	2.00549	2.00549	0.0400496	1.946	1.946	0.0206449	1.98469	1.98469	0.0410026	1.53319	1.53319	0.976429	3.62208	3.29	1
cg22784060	COL4A1	0.519014	0.911669	1.04727	1.04727	0.499887	1.32979	1.32979	0.385781	0.690705	-1.4478	0.494962	1.3343	1.3343	0.359006	0.675346	-1.48072	0.929436	0.963809	-1.03755	0.087046	2.19556	2.19556	0.313479	0.647995	-1.54322	0.692327	1.18001	1.18001	0.97623	2.67807	2.43847	1
cg03563146	RFXAP	0.519014	0.524624	1.24485	1.24485	0.601547	0.836133	-1.19598	0.43961	0.765098	-1.30702	0.664864	0.202253	2.02253	0.61805	0.840301	-1.1862	0.253916	0.66718	-1.49885	0.982288	0.950488	-1.05057	0.852969	0.938923	-1.06505	0.742054	1.11873	1.11873	0.976229	1.78407	1.62446	1
cg02449670	FBXO5	0.519015	0.354683	0.707853	-1.41305	0.564447	0.314626	-3.17745	0.0385	0.208959	-4.78528	0.211997	0.607402	-1.64633	0.167424	0.6024768	-1.66008	0.377025	0.662466	-1.50918	0.0962408	0.8134	0.8134	0.0506463	0.70881	0.70881	0.796216	1.25854	1.25854	0.976226	12.5845	11.4587	1
ch.X.1282647	DACH2;DACH2;DACH2	0.519017	0.232604	0.22322	-4.47988	0.575979	0.508184	-1.96779	7	7	7	0.0612116	0.0798933	-12.5167	0.357723	0.32203	-3.1053	0.847533	0.794056	-1.25936	0.178855	0.180703	-5.53394	0.534618	0.470758	-2.12423	0.662778	0.591156	-1.6916	0.96581	19.5144	20.2052	1
cg22160599	APIX2	0.519019	0.98441	0.967815	-1.03349	0.934554	0.940525	-1.06352	0.884422	0.991775	0.982889	-1.01741	0.244081	0.79747	0.97509	0.492123	1.0346	0.123365	0.05521	-18.1127	7	7	7	0.0206962	0.143035	-6.99	0.309028	0.970347	0.32631	0.284081	1	1
cg14744462	ARHGEF7;ARHGEF7	0.519045	0.51378	0.569128	-1.75707	0.255852	2.74464	2.74464	0.228677	2.93111	2.93111	0.856176	0.856902	-1.167	0.104762	0.2210198	4.52288	0.586211	0.626342	-1.59657	0.599917	0.637302	-1.56912	0.913223	0.911385	-1.09723	0.712935	0.834301	-1.19861	0.97628	3.71615	3.33947	1
cg18330669	LOH12CR1;LOH12CR1;LOH12CR2	0.51905	0.264708	0.836123	-1.196	0.744955	0.950986	-1.05154	0.967475	0.993742	-1.0063	0.221842	0.82062	-1.21859	0.797342	1.04042	1.04042	0.244781	0.829165	-1.20603	0.205691	0.814198	-1.2282	0.593045	0.920298	-1.0866	0.210555	1.22523	1.22523	0.976166	0.366502	0.333734	1
cg05636445	DCUN1D5	0.519058	0.188822	0.278606	-3.58969	0.144554	0.1639	0.1639	0.0334204	0.0972	0.0972	0.0172	0.0172	0.0172	0.0172	0.0172	0.0172	0.276109	1.98451	1.98451	0.096206	0.1639	0.1639	0.0991715	0.131931	-3.01268	0.58242	1.30724	1.30724	0.97645	12.3631	11.2881	1
cg25545503	SLC22A2	0.519061	0.752388	1.33647	1.33647	0.188879	0.57878	1.75878	0.209989	3.35384	3.35384	0.163278	3.90771	3.90771	0.164702	0.2210198	4.52288	0.394546	2.22278	2.22278	0.392504	2.52083	2.52083	0.920078	1.86637	1.86637	0.923672	1.09175	1.09175	0.976148	12.9709	11.8114	1
cg00976328	PLEKHA3	0.519067	0.82779	0.894007	-1.11859	0.431588	1.87423	1.87423	0.440344	1.44453	1.44453	0.969993	1.02888	1.02888	0.212391	0.9509994	-1.05147	0.649313	1.07205	1.07205	0.742404	1.44453	1.44453	0.642405	0.690389	-1.4489	0.422805	0.708418	1.41666	1.41666	0.976175	0.603997	0.549615	1
cg23647530	EFNA4;EFNA4;EFNA4	0.519071	0.0327358	0.238348	-4.19554	0.672822	0.783665	-1.27608	0.96233	0.973255	-1.02748	0.561262	0.713781	-1.40099	7	7	7	0.943201	1.04175	1.04175	0.807112	0.869006	-1.15074	0.308078	0.545768	-1.83228	0.866707	0.908081	-1.10122	0.965716	4.47915	4.63816	1
cg09659165	EIF2B2	0.519085	0.124821	2.2181	2.2181	0.643465	0.803917	-1.24389	0.142	0.648042	-1.54039	0.560241	0.765023	-1.30695	0.184961	0.7098403	-1.40902	0.276109	1.98451	1.98451	0.096206	0.1639	0.1639	0.0991715	0.131931	-3.01268	0.58242	1.30724	1.30724	0.97645	12.3631	11.2881	1
cg02563043	WDR8	0.519085	0.431615	0.575885	-1.73616	0.506122	0.551122	-1.81448	0.0724641	0.375965	-2.65918	0.205025	0.343667	2.91004	0.0724641	0.375965	-2.65918	0.418791	0.668173	-1.49662	0.41243	0.66432	-1.5053	0.9042	0.964057	-1.03728	0.170641	0.176262	1.17626	1.17626	0.97609	3.68234	3.35334	1
cg00387940	MTM1	0.519092	0.575281	1.52671	1.52671	0.346583	0.484584	-2.06363	0.554983	0.639997	-1.56251	0.491642	0.593289	-1.68552	0.0765467	0.229347	-4.3602	0.270556	2.35711	2.35711	0.644236	1.41562	1.41562	0.881528	1.11792	1.11792	0.829592	1.1748	1.1748	0.976093	8.63653	7.86494	1
cg04808682	ABHD6	0.519093	0.45881	0.745883	-1.34096	0.611128	1.91186	1.91186	0.0662	0.180379	0.180379	0.124558	2.19158	2.19158	0.117791	0.7867446	-1.27098	0.535366	0.840438	1.18992	0.591794	0.907712	0.907712	-1.10167	0.700338	0.852816	0.976243	1.01607	1.01607	0.976243	0.502212	0.455453	1
cg00794378	MPP2	0.519109	0.915538	0.986506	-1.01368	0.196171	0.839426	-1.19129	0.270639	1.15822	1.15822	0.553358	0.70981	0.707981	0.677802	0.9479	-1.05496	0.978221	1.0035	1.0035	0.157266	0.823906	-1.21373	0.295197	1.14915	1.14915	0.632822	1.06358	1.06358	0.976064	0.253539	0.230894	1
cg01911	DPF1;DPF1;DPF1	0.519111	0.413712	1.34321	1.34321	0.867808	0.942082	-1.06059	0.0707929	2.03991	2.03991	0.627786	1.38831	1.38831	0.926502	1.03112	1.03112	0.957493	1.08154	1.08154	-1.019	0.635581	1.38361	1.38361	0.0928547	1.92128	1.92128	0.298173	1.46348	1.46348	0.976063	1.92755	1.75549	1
cg10544651	CRIP2	0.519113	0.8255598	1.11755	1.11755	0.393026	0.745623	-1.35337	0.424	0.753116	-1.32787	0.476523	0.776531	-1.28783	0.416844	0.7736231	-1.29231	0.570489	0.749208	-1.33474	0.314409	1.39509	1.39509	0.94305	1.03663	1.03663	0.405519	0.743624	1.34563	1.34563	0.976027	3.92038	3.57038	1
cg09922387	DHCR24	0.519113	0.484137	0.587367	-1.70251	0.036737	0.156218	-6.4013	0.442557	0.556585	-1.79667	0.732484	1.30353	1.30353	0.157537	0.492682	-2.02971	0.651398	0.711497	-1.40549	0.718491	0.763	-1.31082	0.882517	1.11702	1.11702	0.740923	1.28185	1.28185	0.976023	8.65722	7.88434	1
cg16299131	PAPLN	0.519144	0.932789	1.07245	1.07245	0.546447	0.314626	-3.17745	0.0385	0.208959	-4.78528	0.211997	0.607402	-1.64633	0.167424	0.6024768	-1.66008	0.377025	0.662466	-1.50918	0.0962408	0.8134	0.8134	0.0506463	0.70881	0.70881	0.796216	1.25854	1.25854	0.976226	12.5845	11.4587	1
cg20463261	MFN2;MFN2	0.519159	0.404619	1.63095	1.63095	0.132405	2.53821	2.53821	0.0765362	3.09618	3.09618	0.973736	0.981292	-1.01906	0.911929	0.938503	-1.06553	0.25062	1.99098	1.99098	0.877938	0.9156511	-1.09217	0.672779	1.27594	1.27594	0.707897	0.805805	-1.24099	0.975977	5.08545	4.63258	1
cg10408394	ZNF616;ZNF616	0.519163	0.445801	0.873694	-1.14457	0.922661	0.983271	-1.01701	0.151822	0.497258	-2.01144	0.244081	0.79747	0.97509	0.492123	1.0346	1.0346	0.123365	0.05521	-18.1127	7	7	7	0.0206962	0.143035	-6.99	0.309028	0.970347	0.32631	0.284081	1	1
cg14596312	TRIM6-TRIM34;TRIM34	0.519169	0.572712	1.66732	-1.49985	0.439415	0.570731	-1.75214	0.376114	0.524141	-1.90788	0.302433	2.13777	2.13777	0.567509	0.662992	1.50831	0.803867	1.1936	1.1936	0.161061	2.89974	2.89974	0.194528	2.65393	2.65393	0.688446	1.33197	1.33197	0.97596	7.81835	7.12083	1
cg03036510	ZNF529;ZNF529;ZNF529	0.519184	0.936612	1.03128	1.03128	0.460823	0.747707	-1.33742	0.291738	0.656674	-1.52748	0.97195	1.01371	1.01371	0.781971	1.11341	1.11341	0.412492	0.722919	-1.38328	0.0629666	2.24794	2.24794	0.519441	1.28773	1.28773	0.779638	0.897075	-1.11473	0.975934	2.3177	2.11098	1
cg06083089	STS;STS;STS	0.519185	0.864135	1.09756	1.09756	0.94516	1.02021	1.02021	0.144557	0.488582	-1.12887	0.469064	0.919803	-1.08729	0.640771	1.56039	1.56039	0.737513	0.962461	1.03926	0.760205	-1.3151	0.642405	1.55705	1.55705	0.221	0.727274	-1.37532	0.729317	0.689966	0.440655	0.424933	1
cg03053750	APCDD1L	0.519186	0.698315	0.781452	-1.27967	0.249559	2.14312	2.14312	0.779467	1.19451	1.19451	0.841908	0.881229	-1.13478	0.720172	0.430719	-2.3217	0.96868	1.02517	1.02517	0.158887	0.385435	2.59447	2.59447	0.249327	-2.22555	0.322373	0.523495	-1.91024	0.975932	0.19604	0.54342	1
cg25684444	LRRC57;HAUS2;HAUS2	0.519204	0.891328	1.08753	1.08753	0.724363	1.00106	1.00106	0.974478	1.08331	1.08331	0.926502	1.00106	1.00106	0.977722	1.04618	1.04618	0.891268	1.0653	1.0653	0.514247	1.09103	1.09103	0.877347	1.02618	-1.21858	0.160385	1.19609	1.19609	0.975931	2.01443	1.84955	1
cg23524510	FBXW8;FBXW8	0.519204	0.558887	0.805793	-1.24101	0.180471	0.594795	-1.68125	7	7	7	0.464361	0.761818	-1.31265	0.874869	0.944055	-1.05926	0.375876	0.717495	-1.39374	0.0633496	0.466367	-2.14423	0.641167	1.18705	1.18705	0.618786	0.832564	-1.20111	0.965479	1.8139	1.67875	1
cg23806536	DCR10	0.519214	0.882547	0.889388	-1.12437	0.442114	0.86162	1.86162	0.611147	0.665931	-1.50166	0.291915	0.420177	-2.37995	0.0869854	0.223429	-4.47569	0.156836	0.300987	-3.32241	0.341281	0.459532	-2.17613	0.927565	1.07476	1.07476	0.505973	0.585604	-1.70764	0.975883	9.71732	8.85108	1
cg02724235	TESC;TESC;TESC	0.519224	0.153886	0.191656	-5.21619	0.227152	2.72732	2.72732	0.182757	2.11262	2.11262	0.476555	1.08812	1.08812	0.08212	7	7	0.949502	1.05031	1.05031	0.1	7	7	0.172449	1.0599	1.0599	0.405428	0.938684	0.976084	7.24312	2.32018	2.18544	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg03584949	PLEKHG1	0.750299	0.9216	-1.08507	0.44556	1.21999	0.21999	1.21999	0.624057	0.88134	-1.13464	0.760321	0.934969	-1.09095	0.03798	2.18955	0.911382	0.972121	1.02868	0.97513	1.00982	0.920511	1
cg22951509	GPR150	0.519651	0.0795815	0.683335	-1.45278	0.434143	0.857973	-1.16554	0.506709	0.878706	-1.18804	0.539361	0.887562	-1.12668	0.368519	0.837541	-1.19397	0.947726	0.987494	-1.01266	0.814107	0.955796	-1.04625	0.775349	1.05646	1.05646	0.194436	1.30145	0.705126	0.568986	0.518667	1
cg10471976	RUNDC3A;RUNDC3A;RUNDC3A;RUNDC3A	0.519656	0.338093	1.11194	1.11194	0.145604	1.1828	1.1828	0.293387	1.12424	1.12424	0.668881	1.04731	1.04731	0.555184	1.06622	1.06622	0.575505	1.06267	1.06267	0.45262	0.921077	-1.08569	0.894051	0.985785	-1.01442	0.090164	1.22221	1.22221	0.975118	0.17829	0.162524	1
cg18155132	NTNG1;NTNG1;NTNG1	0.519658	0.293815	0.532269	-1.87875	0.544673	1.42626	1.42626	0.830126	1.13249	1.13249	0.148571	2.45299	2.45299	0.159154	0.41817	-2.39137	0.568558	0.716244	-1.39617	0.732076	0.819534	-1.22021	0.767605	1.18714	1.18714	0.44472	1.57018	1.570183	5.17936	4.72138	1
cg19866445	PDCD6	0.519672	0.181739	3.50417	3.50417	0.852811	1.17857	1.17857	0.163631	2.28396	2.28396	0.140577	4.6047	4.6047	0.469969	1.91604	1.91604	0.093868	5.10254	5.10254	0.681581	1.43694	1.43694	0.977532	1.02525	1.02525	0.587221	0.615763	1.62401	0.97509	12.0856	11.0172	1
cg13065537	HES1	0.519672	0.104366	0.658621	-1.51832	0.688444	1.09945	1.09945	0.315017	0.783182	-1.27684	0.22197	1.35248	1.35248	0.268883	0.76272	-1.3111	0.92462	0.977985	-1.02251	0.872515	1.0385	1.0385	0.663073	0.902021	-1.10862	0.729516	1.08507	1.08507	0.975089	0.85449	0.778951	1
cg19624	S100A14	0.519674	0.451861	1.97419	1.97419	0.912753	0.319934	-1.12565	0.645869	2.08063	2.08063	0.120927	2.24326	2.24326	0.446108	0.764642	0.784211	-1.27517	0.23532	0.313635	0.10537	0.556934	0.600299	-1.66584	0.67012	0.684001	-1.46192	0.663755	1.4743	1.4743	0.970086	12.1607	11.0857	1
cg09847712	RHBDL1	0.519681	0.356369	0.827788	-1.20804	0.116895	0.712217	-1.40407	0.780373	0.945832	-1.05727	0.426146	0.850529	1.17574	0.050037	0.640695	-1.5608	0.676423	0.919779	-1.08722	0.946828	0.9868	-1.01338	0.866402	1.03411	1.03411	0.639871	0.910388	1.09483	1.09483	0.975073	0.61298	0.558801	1
cg02478956	TUBGCP5;TUBGCP5	0.519682	0.422396	1.13253	1.13253	0.442612	1.12624	1.12624	0.835356	0.968888	-1.03211	0.291556	1.18081	1.18081	0.766296	1.04631	1.04631	0.675459	1.06603	1.06603	0.0686717	0.733835	-1.3627	0.764646	1.04665	1.04665	0.5213	0.905994	-1.10376	0.975073	0.356162	0.324682	1
cg00738039	MFHAS1	0.519689	0.444188	1.08403	1.08403	0.441227	0.757922	-1.26208	0.215174	0.975727	0.830452	-1.20416	0.774725	1.16225	0.762284	1.07537	1.07537	0.668515	1.12302	1.12302	0.32887	0.754357	-1.32563	0.327662	1.74939	1.74939	0.160519	1.93876	1.93876	3.70599	3.01181	2.74565	1
cg22272840	SOX7	0.51969	0.39929	1.83623	1.83623	0.215878	2.32333	2.32333	0.30063	0.498816	-2.00475	0.753523	0.801043	-1.24837	0.206378	2.55651	2.55651	0.439261	1.74292	1.74292	0.202201	2.58134	2.58134	0.262363	2.18128	2.18128	0.735482	0.787565	-1.26974	0.970558	7.65951	6.98261	1
cg19285217	C17orf72	0.519716	0.418787	1.17452	1.17452	0.998855	1.00928	1.00928	0.144393	1.35701	1.35701	0.774814	0.945682	-1.05744	0.881126	0.971284	-1.02956	0.666742	1.09192	-1.08801	0.177704	0.725662	-1.32167	0.365895	1.25324	1.25324	0.368446	1.19706	1.19706	0.975013	0.585422	0.533711	1
cg16584601	VWA3B	0.519718	0.717507	0.83659	-1.19533	0.0779398	0.381342	1.62232	0.283744	0.578747	-1.72787	0.951782	0.97074	1.03014	0.145572	0.604228	-1.65411	0.754904	0.857457	-1.16624	0.414145	1.50674	1.50674	0.564019	0.750963	1.33162	0.915205	1.1037	1.0537	0.975009	3.72388	3.39496	1
cg01982873	SLC9A3	0.519719	0.190451	0.778022	-1.28531	0.445643	1.15113	1.15113	0.85104	0.966533	-1.03463	0.267535	0.811315	-1.23257	0.78605	0.95163	-1.05083	0.893784	1.02448	1.02448	0.125202	1.35046	1.35046	0.579088	0.903536	-1.10676	0.475799	0.876581	-1.14208	0.975007	0.506083	0.461382	1
cg-4.11609E07	AASDH	0.519722	0.0893488	3.66094	-2.72508	0.623242	1.30342	1.30342	0.813859	0.881451	-1.13454	0.172992	0.940225	-1.06252	0.117285	0.242529	0.596027	0.295815	0.59387	-1.78633	0.38635	0.621739	-1.60839	0.558484	0.95964	-1.04206	0.320007	0.577615	1.73126	0.97007	4.42267	4.03204	1
cg08830139	CD14;CD14	0.519721	0.492703	1.20272	1.20272	0.206042	1.42345	1.42345	0.385086	0.788841	-1.26608	0.573304	0.860047	-1.16273	0.232861	1.39296	1.39296	0.294876	0.749902	-1.33351	0.425751	1.24046	1.24046	0.871378	1.04386	1.04386	0.428613	0.807272	-1.23874	0.975004	1.08388	0.988151	1
cg16320965	FAM109A	0.519731	0.169419	0.418124	-2.39142	0.317434	0.558028	-1.79007	0.246538	0.505202	-1.97941	0.679267	0.791372	-1.26263	0.053953	0.291455	-3.43104	0.480854	0.667811	-1.49743	0.25718	0.513597	-1.94705	0.410095	0.653202	-1.5743	0.620233	0.760795	-1.31441	0.974987	4.90264	4.46961	1
cg02841895	MGAT5B;MGAT5B	0.519733	0.917215	0.928069	-1.07646	0.259332	0.428207	-2.13532	0.134996	0.519222	-1.93262	0.742063	0.791321	-1.26371	0.464847	0.590288	-1.69409	0.324592	0.486317	-2.05627	0.164636	0.349714	2.85483	0.143831	0.74838	1.34783	0.578369	0.597809	1.45831	1.45831	0.974984	7.57472	7.06995	1
cg04387739	C4orf44;C4orf44	0.519747	0.419795	0.711452	-1.40558	0.991238	0.995475	-1.00455	0.216675	0.584553	-1.71071	0.327449	0.658682	-1.51818	0.525237	0.766525	-1.30459	0.145468	0.524352	-1.90712	0.39204	1.43645	1.43645	0.691906	1.17881	1.17881	0.193327	0.566363	-1.76565	0.97496	2.634	2.40146	1
cg03655330	HYAL1;HYAL3 COL13A1;COL13A1;COL13A1;COL13A1; COL13A1;COL13A1;COL13A1;COL13A1;	0.519747	0.917674	0.979898	-1.02051	0.685132	0.923059	-1.08335	0.107746	1.41159	1.41159	0.281685	1.24575	1.24575	0.486051	1.14914	1.14914	0.516372	1.13795	1.13795	0.479135	0.868226	-1.15177	0.46662	0.864593	-1.15661	0.22772	1.28234	1.28234	0.974959	0.595626	0.543043	1
cg15334916	COL13A1;COL13A1;COL13A1	0.519756	0.855938	0.889464	-1.12377	0.0437474	0.42987	1.42987	0.189012	2.43868	2.43868	0.680475	0.766529	-1.30458	0.572417	1.44233	1.44233	0.875524	0.904246	-1.10589	0.606751	1.39566	1.39566	0.976995	1.01869	1.01869	0.768682	0.828188	-1.20745	0.974936	6.36589	5.80404	1
cg22798302	PTPN2	0.519764	0.32787	0.780914	-1.28055	0.612581	1.15632	1.15632	0.725225	1.08784	1.08784	0.337175	1.29401	1.29401	0.240904	1.29401	1.29401	0.248796	0.709722	-1.409	0.40774	1.49774	1.49774	0.505922	1.12164	1.12164	0.30592	1.739697	-1.34539	0.974929	1.24917	1.13483	1
cg17181362	APCDD1L	0.519787	0.280723	0.657297	-1.52138	0.0988619	1.96842	1.96842	0.944084	1.0266	1.0266	0.862127	0.937016	-1.06722	0.850448	1.0732	1.0732	0.113432	1.90534	1.90534	0.681537	1.16698	1.16698	0.780628	0.900786	-1.11054	0.946064	1.02564	1.02564	0.974889	2.1626	1.97183	1
cg12245996	PIWCQ	0.519788	0.132353	0.497104	-2.01095	0.622254	0.99734	-1.00335	0.744386	0.915424	-1.09243	0.510848	1.03824	1.03824	0.948495	1.03824	1.03824	0.157931	1.14529	1.14529	0.105799	0.57569	0.778455	-1.2846	0.389354	0.642796	0.805133	0.872348	1.24474	0.974889	3.02873	2.76155	1
cg25090560	ADAM19	0.519798	0.488944	1.28534	1.28534	0.449122	0.759252	-1.31709	0.367921	0.718745	-1.39131	0.956258	0.980604	-1.01978	0.447602	0.318355	3.13835	0.465729	1.30353	1.30353	0.0637169	2.10501	2.10501	0.154144	0.892721	-1.12017	0.583407	1.21868	1.21868	0.974871	1.96872	1.79508	1
cg04134394	PSMD11	0.519804	0.582061	0.615208	-1.62547	0.6846469	5.94503	5.94503	0.300021	2.55646	2.55646	0.707395	1.39033	1.39033	0.415555	0.483227	-2.06942	0.643703	0.665608	-1.50239	0.505753	0.5542671	-1.80419	0.733594	1.34792	1.34792	0.648482	0.669573	-1.49349	0.974861	11.7925	10.7525	1
cg12475170	INO80C;INO80C	0.519805	0.19456	0.7115	-1.40555	0.622254	1.1855	1.1855	0.105217	1.29226	1.29226	0.485261	0.57142	-1.75027	0.0355	0.349058	2.86477	0.567028	0.63479	-1.57548	0.51332	0.607722	-1.64549	0.551353	0.967168	0.94913	0.385876	0.495829	-2.01682	0.974848	0.96148	0.87676	1
cg04430996	SOLH	0.519813	0.503415	0.736446	-1.3575	0.482964	0.725475	-1.37841	0.701316	1.18942	1.18942	0.153443	1.53686	1.53686	0.0539010	0.371852	2.68924	0.329128	0.635505	-1.57355	0.969193	0.982767	-1.01753	0.802733	1.11926	1.11926	0.986694	0.992522	-1.00753	0.974844	3.12801	2.8522	1
cg16035638	RPL4;ZWILCH;ZWILCH	0.519883	0.48912	1.23211	1.23211	0.444227	0.724654	-1.38042	0.702332	1.12714	1.12714	0.0768208	0.824328	1.21302	0.178608	1.08319	1.08319	0.0481228	0.850797	1.17537	0.0855274	0.845345	1.18306	0.410302	0.799	1.25126	0.0970978	0.748165	1.33655	1.33655	0.974977	0.98403	0.901258	1
cg07609862	MTNR1B	0.519834	0.809845	1.52095	1.52095	0.307179	0.159003	-6.2892	0.326349	0.171581	-5.82817	0.317875	0.92744	0.927744	0.478715	0.285725	-3.49987	0.396626	0.220927	-4.52638	0.10508	0.0459271	-21.7736	0.423787	4.14147	4.14147	0.859802	0.735259	-1.36007	0.974809	46.7153	42.5978	1
cg15841310	SNX11;SNX11	0.519841	0.523854	0.665875	-1.50178	0.124	0.350419	-2.85373	0.163405	0.392041	-2.55076	0.94004	1.0465	1.0485	0.757162	1.21562	1.21562	0.332574	0.532852	-1.87669	0.750612	0.818132	-1.2223	0.579474	1.42244	1.42244	0.329113	1.90441	1.90441	0.974798	6.11812	5.57893	1
cg07092111	FBXO21;FBXO31	0.519868	0.883263	1.04376	-1.04356	0.972054	1.7214	1.7214	0.275821	0.745824	0.145245	-6.88255	0.852252	1.17325	0.485583	1.61639	1.61639	0.0975445	0.409944	2.43999	0.0178703	1.18757	1.18757	0.841397	1.11454	1.11454	0.351455	1.9007	1.9007	0.97475	0.92429	0.84233	1
cg22696540	NR0B1	0.51987	0.115021	0.429815	-2.32658	0.474713	0.698934	-1.43075	0.73927	1.1789	1.1789	0.234533	1.8478	1.8478	0.330398	1.6403	1.6403	0.2728	0.569843	-1.75487	0.882192	0.935639	-1.07058	0.892652	0.935636	-1.06879	0.912407	1.05572	1.05572	0.974747	3.74813	3.41799	1
cg21968501	ELOVL6;ELOVL6	0.519882	0.960072	1.04101	-1.05245	0.922254	0.714026	1.40536	0.536526	1.18428	1.18428	0.222753	1.16143	1.16143	0.607334	1.07931	1.07931	0.0145668	0.387472	2.58107	0.0997161	1.1108	1.1108	0.900155	0.987437	1.01302	0.872727	0.562624	1.12529	0.852754	0.506226	0.461646	1
cg11063811	MTG1	0.519882	0.383242	0.66895	-1.49488	0.190555	0.536187	-1.86502	0.629755	0.803792	-1.2441	0.124673	0.473567	-2.11163	0.883406	0.106699	0.06699	0.113677	0.4612	-2.16826	0.693702	0.19481	5.19481	0.047042	0.878594	-1.13818	0.293821	0.612855	-1.63171	0.974726	1.21125	2.84638	1
cg06902669	DECR1	0.519911	0.393931	0.806681	-1.21965	0.583624	0.872691	-1.14588	0.607878	0.88045	-1.13578	0.691469	0.906527	-1.10311	0.655305	0.895353	-1.11688	0.586391	0.873582	-1.14471	0.701608	0.909636	-1.09934	0.293738	1.30726	1.30726	0.0700178	1.64601	1.64601	0.974676	0.934279	0.852047	1
cg08807406	TUBB3	0.519912	0.6742371	1.04101	-1.05245	0.714026	0.536526	-1.86502	0.629755	0.736143	-1.36243	0.837769	0.837767	-1.19396	0.699661	0.699661	0.699661	0.536284	0.737343	-1.35617	0.797161	1.1085	1.1085	0.984742	0.998543	1.00162	0.906072	0.752134	1.00362	0.974676	0.526226	0.481646	1
cg18558143	ZNF100	0.519915	0.364337	1.17458	0.715467	0.26263	1.16263	0.641593	0.11593	1.11593	0.692709	1.06812	1.06812	0.331964	1.18066	1.18066	0.593631	0.01349	0.030942	1.51225	0.532551	0.934193	0.986391	-1.0138	0.773826	0.953734	-1.04851	0.974669	0.24097	0.387569	1
cg07489123	ATP8B3	0.519916	0.32334	0.840556	-1.54334	0.170795	0.437379	-2.02424	0.470087	0.86375	1.16575	0.304153	0.807402	1.16575	0.307742	0.664874	0.664874	0.0900183	0.749854	1.33392	0.0433107	0.654503	1.52788	0.415364	1.42354	1.42354	0.0764448	2.31926	2.31926	0.974667	0.77231	0.71589	1
cg15601719	NCRNA00171	0.519924	0.22042	0.830074	-1.20471	0.150881	0.800487	-1.24924	0.224345	0.831513	-1.20263	0.192297	0.789048	-1.26735	0.904248	0.982754	-1.01755	0.208193	0.825461	-1.21144	0.802676	1.03686	1.03686	0.374686	0.876591	-1.14078	0.52923	0.911976	-1.09652	0.974654	0.322566	0.294181	1
cg16737894	FBXO31;FBXO31	0.519925	0.769522	0.936487	-1.06782	0.534175	1.40552	1.40552	0.331622	1.24997	1.24997	0.651242	1.33282	1.33282	0.197347	0.975991	-1.02461	0.291569	1.28186	1.27684	0.144642	1.83809	1.83809	0.0139	0.753991	-1.32628	0.414642	1.83007	-1.20471	0.974652	0.769984	0.70223	1
cg18326756	C19orf51	0.519929	0.318065	0.803347	-1.24475	0.96722	1.00876	1.00876	0.668757	0.912657	-1.09563	0.671004	0.916851	1.09563	0.671004	0.916851	-1.09563	0.230408	0.582831	-1.71576	0.809944	1.05507	1.05507	0.651588	1.10125	1.10125	0.911759	1.0238	1.0238	0.974645	0.694934	0.633789	1
cg04862838	FLJ14107;BIN3	0.519937	0.980581	0.991029	-1.09055	0.515857	1.27625	1.27625	0.379091	1.39668	1.39668	0.76336	0.894228	-1.11828	0.793608	1.10195	1.10195	0.0598182	2.19523	2.19523	0.270743	1.52891	1.52891	0.385753	1.50754	1.50754	0.505702	0.778778	-1.28406	0.974631	2.11598	1.92983	1
cg10899151	SH2D4B;SH2D4B	0.519955	0.876575	1.08203	-1.07547	0.822171	1.45054	1.45054	0.157455	1.23535	1.23535	0.62564	1.18606	1.18606	0.0880194	0.910039	-1.09866	0.667841	1.16357	1.16357	0.186402	0.910039	-1.09885	0.94659	0.977037	-1.02352	0.838302	1.07349	1.07349	0.974628	1.85923	1.69567	1
cg02579316	HINT3	0.519962	0.623723	0.993578	-1.07115	0.38038	1.13466	1.13466	0.127476	1.26035	1.26035	0.305181	1.16076	1.16076	0.611455	1.07458	1.07458	0.248542	1.18454	1.18454	0.19578	1.21177	1.21177	0.779783	1.04014	1.04014	0.429998	0.893059	-1.11975	0.974622	0.304271	0.277505	1
cg07120590	SST	0.519962	0.47982	2.34648	2.34648	0.427247	2.54032	2.54032	0.699815	0.64044	-1.56143	0.457588	0.427367	-2.33955	0.520539	0.427297	-2.3155	0.544217	0.480575	-2.08576	0.2358291	0.241456	-4.13972	0.118191	0.622252	0.672183	0.424151	0.56572	1.76804	0.974634	0.41484	1.84324	1
cg15457899	SCN3B;SCN3B	0.519946	0.2882442	0.802646	-1.24588	0.318823	0.814329	-1.228	0.124966	0.960095	-1.04156	0.823565	1.04553	1.04553	0.513759	1.04116	1.04116	0.890375	0.972876	-1.02788	0.322207	0.815536	-1.22619	0.0552453	0.648355	-1.54236	0.487589	0.868932	-1.15084	0.974614	0.613723	0.559741	1
cg00666105	SOX2OT;SOX2	0.519953	0.50847	0.493864	-2.02485	0.109901	0.159971	-6.25114	0.314004	0.331576	-3.0159	0.748562	0.1407	1.40247	0.754259	1.39133	1.39133	0.299982	3.09462	3.09462	0.964926	1.072053	1.072053	0.295325	1.33118	1.33118	0.593676	1.76186	1.76186	0.974602	1.07039	15.7223	1
cg02258303	FBXO21;FBXO31	0.519954	0.995737	1.00127	-1.00253	0.972054	1.7214	1.7214	0.275821	0.745824	0.145245	-6.88255	0.852252	1.17325	0.485583	1.61639	1.61639	0.0975445	0.409944	2.43999	0.0178703	1.18757	1.18757	0.841397	1.11454	1.11454	0.351455	1.9007	1.9007	0.97475	0.92429	0.84233	1
cg01707127	LMF1	0.519958	0.380264	0.605885	-1.65048	0.0624735	0.311215	-3.21321	0.156432	0.430005	-2.32556	0.927114	0.01965	1.01965	0.419485	0.631776	-1.58284	0.556688	0.71824	-1.39229	0.623366	0.759147	-1.31727	0.40348	0.6213	-1.60953	0.554644	1.39474	1.39474	0.974594	4.78402	4.36331	1
cg00536039	RBM18;MRRF;RBM18;MRRF;RBM18	0.519959	0.957232	1.01147	-1.01147	0.334883	1.23552	1.23552	0.995585	1.00118	1.00118	0.602867	1.1181	1.1181	0.314974	0.558931	-1.67115	0.592083	0.881597	-1.12358	0.643505	0.905641	-1.10419	0.827019	0.954624	-1.04764	0.991628	0.997771	-1.00223	0.974593	0.698089	0.6367	1
cg00456685	FBXL2	0.51996	0.321282	0.51765	4.51765	0.906258	0.840831	-1.1893	0.98426	1.02946	1.02946	0.517279	0.62786	2.62786	0.045739	0.034364	-25.0998	0.510681	0.66944	0.66944	0.762127	1.56324	1.56324	0.828087	0.726116	-1.37719	0.760507	0.637682	1.56818	0.974559	33.4281	30.4886	1
cg13378865	ZNF322A	0.519964	0.778211	0.965447	-1.03579	0.162685	1.20394	1.20394	0.967513	0.994941	-1.00508	0.757967	0.962239	-1.03924	0.571484	0.931264	-1.07381	0.850507	1.02377	1.02377	0.181706	0.83816	-1.19309	0.188839	1.1893	1.1893	0.380729	1.11848	1.11848	0.974583	0.239176	0.218328	1
cg18312287	EHMT2;EHMT2	0.519997	0.947693	1.08743	-1.08743	0.196127	0.99637	-1.00364	0.944914	0.992629	1.00929	0.438763	0.708753	1.41095	0.191347	1.33994	1.33994	0.0777	1.11794	1.11794	0.46074	0.60877	1.25236	1.25236	0.213307	1.60487	1.60487	0.0911	1.09986	1.09986	0.897011	1.05807	1.05807	0.974573	2.91281	2.67496	1
cg22533077	CLOCK	0.520056	0.388954	0.524173	-1.90777	0.334637	0.07433	0.07433	0.984795	0.968276	-1.01392	0.694309	0.75055	-1.33236	?	?	?	0.422249	0.724729	-1.37983	0.758088	0.8982208	-1.11333	0.620117	1.21683	1.21683	0.836496	1.08455	1.08455	0.964106	2.09356	2.17151	1
cg19398355	ATP11A;ATP11A	0.520059	0.501669	0.852823	-1.17284	0.412128	0.876603	-1.14077	0.862163	0.880307	-1.13631	0.234407	0.802007	-1.24687	0.1180228	0.740495	-1.35045	0.972154	1.0064	1.0064	0.665553	1.22718	1.22718	0.672412	0.7124844	0.9366661	-1.06762	0.216729	0.79447	-1.2587	0.964552	0.483619	0.449149	1
cg08888249	UN7B	0.519984	0.203282	0.466481	-2.14371	0.409208	1.60601	1.60601	0.823933	0.88326	-1.13217	?	?	?	?	?	?	?	?	?	0.969158	0.978704	-1.02176	?	?	?	0.258494	0.513454	-1.94759	0.933591	2.42501	3.11701	1
cg00545199	ZFYVE28	0.519986	0.939843	1.03973	1.03973	0.553097	0.733655	-1.36304	0.880578	0.925333	-1.08069	0.795105	1.14378	1.14378	0.638392	1.27677	1.27677	0.771099	1.16251	1.16251	0.10977	0.406608	-2.45933	0.141582	2.26119	2.26119	0.290295	1.7621	1.7621	0.974546	4.11253	3.75106	1
cg09393162	QRICH2	0.519988	0.515664	0.844945	-1.18403	0.372054	1.15466	1.15466	0.662752	0.780299	-1.28156	0.619337	1.32105	1.32105	0.166624	0.744611	-1.3431	0.260515	1.90097	1.90097	0.251894	1.92543	1.92543	0.32794	0.575384	-1.73797	0.515095	0.693886	1.44151	1.44151	0.974523	0.41724	0.21772	1
cg17261708	RGS14	0.520016	0.89475	1.097	1.097	0.341977	0.504179	-1.98342	0.750166	0.799762	-1.25037	0.734997	1.28023	1.28023	0.793742	0.832546	-1.20114	0.0742887	0.248824	-4.0189	0.336712	0.500178	-1.99929	0.883038	0.902158	-1.10845	0.220739	0.46067	2.46067	0.974494	7.55024	6.88699	1
cg03559042	STK25;STK24	0.520024	0.6505547	1.078887	-1.37195	0.152339	1.018611	-1.5659	0.374085	1.88276	1.88276	0.963484	1.03226	1.03226	0.645282	0.952379	-1.22273	0.240385	0.426405	-2.34325	0.0838549	0.527382	-1.89616	0.898617	1.09241	1.09241	0.744428	0.74129	-1.34935	0.974488	0.74129	0.67946	1
cg00152065	PAK3;PAK3;PAK3	0.520033	0.277224	0.260839	-3.83379	0.128535	0.141765	-7.05391	0.387224	2.86801	2.86801	0.541707	2.03887	2.06387	0.650346	1.72057	1.72057	0.517135	0.457943	-2.18368	0.92614	0.895598	-1.11657	?	?	?	0.742308	?	?	?	0.950707	16.5613	19.9086	1
cg23691894	ADO;ADO;ADO	0.520036	0.464509	0.759208	-1.31716	0.917873	0.962649	-1.0388	0.66562	1.17366	1.17366	0.401931	1.36586	1.36586	0.850923	0.932909	-1.07192	0.239607	0.632745	-1.58041	0.3015132	0.672206	-1.48764	0.430359	0.742308	-1.34715	0.139798	1.80949	1.80949	0.985346	2.08076	1.64244	1
cg18312287	EHMT2;EHMT2	0.520044	0.429133	0.842023	-1.18762	0.31241	0.98637	-1.01459	0.944914	0.992629	1.00929	0.438763	0.708753	1.41095	0.191347

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(4T vs. N)	Fold-Change(4T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(53T vs. N)	Fold-Change(53T vs. N)	p-value(5T vs. N)	Fold-Change(5T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg25568981	HIN2	0.520473	0.960768	0.979255	0.02138	0.445577	0.1929	1.3929	0.284258	1.606551	0.160651	0.250684	0.166782	1.667822	0.139963	1.709363	0.39364	1.49469	0.149467	0.336934	0.152489	0.373704	2.80083	2.556861	1
cg08822204	SKIV2L2;DHX29	0.520473	0.184468	0.742472	-1.34685	0.926657	-1.01967	1.01967	0.355998	1.22242	1.228031	0.791892	-1.2628	0.447987	0.8490097	-1.17772	0.08924668	0.672735	-1.48647	0.594848	0.892664	-1.12024	0.734721	0.930582	-1.0746	0.822148	1.04878	1.043703	0.6900048	0.629941	1
cg19743759	VCP	0.520475	0.563496	1.20008	1.20008	0.362893	1.33917	1.33917	0.0520659	1.99406	1.99406	0.455535	0.788704	-1.2679	0.478143	1.25259	1.25259	0.456111	1.26751	1.26751	0.576073	0.838268	-1.19294	0.907114	0.964203	-1.03713	0.5503117	1.20772	1.20772	0.973701	1.50412	1.37311	1
cg18233931	MAPK14;MAPK14;MAPK14;MAPK14	0.520487	0.934313	1.01993	1.01993	0.220583	1.361232	1.361232	0.248259	1.33512	1.33512	0.284138	0.766103	-1.30531	0.409248	0.817076	-1.23397	0.220008	0.734347	-1.3617	0.968327	0.990537	-1.00955	0.464023	0.820686	-1.19493	0.674875	1.1063	1.1063	0.97368	0.88423	0.807229	1
cg07772537	CSRNP2	0.520491	0.81244	1.09395	1.09395	0.19828	0.59833	-1.67132	0.327776	1.46463	0.865962	0.993366	-1.00668	0.849557	0.9307778	-1.07437	0.46732	0.756242	-1.32233	0.0850646	0.25296	2.05296	0.718908	0.872376	-1.14629	0.663939	1.17956	1.179756	0.973672	2.20061	2.20089	1
cg21778079	TEX13B	0.520499	0.267416	2.80466	2.80466	0.567291	0.596827	-1.67553	0.771724	0.771308	-1.2965	0.317562	0.397609	-2.52484	0.188005	0.288757	0.463	0.172208	3.65849	3.65849	0.90277	1.1526	1.11526	0.455805	0.507628	-1.96995	0.877396	1.14775	1.14775	0.973658	1.28268	1.21271	1
cg08403042	EMID1	0.520501	0.95519	0.992433	-1.00762	0.549341	0.921371	-1.08534	0.0483856	1.35646	1.35646	0.284816	1.16204	1.16204	0.486612	1.10027	1.10027	0.349331	1.13909	1.13909	0.901095	0.983334	-1.01695	0.37188	1.13194	1.13194	0.713103	1.05119	1.05119	0.973656	0.281764	0.257234	1
cg05347710	IRX1	0.520502	0.181443	0.810715	-1.15139	0.644169	1.07114	1.07114	0.837637	1.03078	1.03078	0.112386	1.290951	1.290951	0.971771	0.994785	-1.00524	0.204725	0.820596	-1.21863	0.56618	0.917884	-1.08946	0.820183	1.03421	1.03421	0.970334	0.994465	-1.00557	0.973653	0.336649	0.307941	1
cg08148801	DLC1	0.520502	0.51232	1.21824	1.21824	0.513686	1.217544	1.217544	0.527869	1.25826	1.25826	-1.21199	0.454622	0.525369	0.8250546	-1.12882	0.127778	0.613159	-1.6309	0.0916541	0.575965	-1.73622	0.796492	0.926102	-1.07979	0.83457	1.06417	1.06417	0.973653	1.36077	1.24231	1
cg11851257	MYST2	0.520505	0.291252	1.39088	1.39088	0.690818	1.128	1.128	1.128	0.612516	0.85738	-1.16634	0.89943	1.03883	1.03883	0.103125	0.584419	-1.7111	0.981662	1.00695	1.00695	0.491328	0.810107	-1.2344	0.178688	1.53793	1.53793	0.791499	1.08309	1.08309	0.973648	1.39961	1.27777	1
cg01052188	DIP2C	0.520505	0.61589	1.3704	1.3704	0.369599	1.187218	1.187218	1.127818	0.776861	1.93964	1.93964	0.276895	2.0228	0.1662	2.292369	0.450308	2.386509	0.272599	2.46322	0.246322	2.811202	2.87691	2.876691	0.389466	2.42527	2.139157	2.605448	2.605448	0.973648	5.984	5.46308	1
cg13573474	GPR15A	0.520507	0.151622	0.577357	-1.73203	0.869753	1.06043	1.06043	0.204008	0.691205	-1.61497	0.373632	1.38221	1.38221	0.348639	0.70822	-1.41199	0.986576	0.994003	-1.00603	0.65093	0.848705	-1.17688	0.200087	0.616333	-1.6225	0.282101	0.670547	-1.49132	0.973645	1.97141	1.7998	1
cg02075198	TNNI3	0.520509	0.627871	1.05913	1.05913	0.287817	1.213134	1.213134	1.276111	1.22991	1.22991	1.329682	1.20171	1.20171	0.1942524	1.28153	1.28153	0.333763	1.1974	1.1974	0.100486	1.98011	1.98011	0.540286	0.892883	-1.11997	0.948386	1.192851	1.192851	0.973642	0.514514	0.469727	1
cg02514481	HSH2D	0.520514	0.771397	0.929003	-1.07642	0.34092	1.28156	1.28156	0.2407	1.271	1.271	1.271	0.951809	0.984839	-1.01539	0.362115	0.789159	-1.26717	0.835377	1.05401	1.05401	0.242514	1.36231	1.36231	0.1548672	0.676004	-1.47928	0.4313	0.81625	-1.22531	0.973633	0.985305	0.899545	1
cg27069054	ARHGEF18	0.520517	0.264936	0.0859683	-11.6322	0.902877	1.24715	1.24715	0.213511	0.25131	-3.97914	?	?	?	?	?	?	?	?	?	0.716866	1.95063	1.95063	0.392244	5.65266	5.65266	1.07124	21.394	7.99627	1
cg08264122	MAD1L1;MAD1L1;MAD1L1	0.520522	0.610813	1.1403	1.1403	0.187446	1.4475	1.4475	0.678379	1.15257	1.15257	0.357286	-1.78905	-1.27404	0.7599013	0.924583	-1.08157	0.60367	0.638641	-1.56583	0.666433	0.688836	-1.44962	0.798886	0.803643	-1.24433	0.750252	0.76077	-1.31446	0.973594	11.3037	10.3203	1
cg16157615	FBLN2;FBLN2	0.520537	0.546039	0.592674	-1.68727	0.182314	3.3599	3.3599	0.126978	4.10923	4.10923	0.522479	0.57409	-1.74189	0.273433	0.376874	-2.65341	0.60367	0.638641	-1.56583	0.666433	0.688836	-1.44962	0.798886	0.803643	-1.24433	0.750252	0.76077	-1.31446	0.973594	11.3037	10.3203	1
cg13764248	HTT	0.520539	0.960763	0.970293	-1.03092	0.569292	1.07272	1.42297	0.0650284	1.56074	1.56074	0.809462	1.1561	1.1561	0.171987	0.401146	-2.43816	0.86755	0.902604	-1.10791	0.924315	1.05998	1.05998	0.751634	0.823191	-1.21486	0.495896	0.654529	-1.52782	0.973659	5.79403	5.28996	1
cg01122847	FOXK2	0.520554	0.09239844	1.1934	1.41394	0.854807	0.966332	-1.01484	0.961651	0.9910048	-1.00903	0.757869	1.05953	1.05953	0.354318	0.836704	-1.19508	0.785948	1.05223	1.05223	0.113874	1.37945	1.37945	0.913576	0.979902	-1.02051	0.4338007	1.1611	1.1611	0.973587	0.539301	0.492384	1
cg00002660	SMARCC2;SMARCC2;SMARCC2	0.520557	0.837735	0.971132	-1.02973	0.795519	0.963581	-1.0378	0.724625	0.950729	-1.05182	0.719031	0.949703	-1.05296	0.113978	1.27842	1.27842	0.677764	0.942056	-1.06151	0.8883618	0.764459	-1.30811	0.388129	0.883304	-1.13468	0.819594	0.967894	-1.03317	0.973558	0.314638	0.287275	1
cg04181819	BCOR;BCOR	0.520574	0.263401	2.53039	2.53039	0.784541	0.80396	-1.24387	0.653745	1.43298	1.43298	0.292369	0.459308	-2.38659	0.272959	0.401324	-2.49363	0.116861	3.88267	3.88267	0.543077	1.60378	1.603778	0.827381	0.840385	-1.18993	0.796678	1.22825	1.22825	0.97353	0.977602	0.92407	1
cg01004805	ERCC6L;PINI4	0.52058	0.276697	0.590682	-1.69296	0.179646	1.94098	1.94098	0.360701	0.51323	0.653925	0.159346	1.55036	1.55036	0.416211	0.679319	-1.47206	0.431451	0.68823	-1.453	0.614596	0.788579	-1.2665	0.404076	1.48778	1.48778	0.729785	1.1751	1.1751	0.973519	0.331859	0.304836	1
cg10777103	DRD2;DRD2	0.520582	0.153722	0.544545	-1.83603	0.564662	0.551188	1.814299	0.0520659	1.64099	1.64099	0.560006	0.6078	1.64551	0.528859	0.53977	-1.85207	0.211513	0.984164	-1.01598	0.288756	1.414556	1.41455	0.539754	0.724227	0.138078	7.24111	0.570073	-1.75139	0.459655	0.738357	0.354606	0.249351	0.281531	1
cg14733936	TIA1;TIA1	0.520582	0.655478	0.881191	-1.13483	0.838338	0.944087	-1.05922	0.832481	1.06147	1.06147	0.274661	0.72606	-1.3773	0.167088	0.660446	-1.51413	0.303635	0.740759	-1.34997	0.0557028	0.543016	-1.84157	0.412292	0.789704	-1.2663	0.931253	0.975991	-1.0246	0.973516	1.223109	1.11677	1
cg08156775	BCOR;BCOR	0.520585	0.301132	2.1041	2.1041	0.521878	1.73251	1.73251	0.953872	1.05019	1.05019	0.446736	0.518627	-1.92817	0.861307	0.862388	-1.15957	0.161638	3.5443	3.5443	0.0672861	5.67451	5.67451	0.967189	0.965775	-1.03544	0.880183	0.880305	-1.13597	0.973504	11.051	10.0905	1
cg26163878	LOH3CR2A	0.520594	0.2427	0.582294	-1.71704	0.809295	0.965119	-1.52411	0.357242	0.845398	-1.18302	0.276814	0.891589	-1.12208	0.422723	0.598147	-1.67138	0.340674	0.647703	-1.54326	0.618834	0.801557	-1.24772	0.742241	0.847203	-1.18014	0.933758	0.965671	-1.03555	0.973495	1.03646	2.75431	2.30645	1
cg06952288	DIP2C	0.520594	0.810104	1.06211	1.06211	0.582432	0.870227	-1.14913	0.595234	0.8744	-1.14364	0.518735	1.17792	1.17792	0.862732	1.04427	1.04427	0.680859	1.10907	1.10907	0.0326315	1.86988	1.86988	0.839119	1.0522	1.0522	0.644539	0.890217	-1.12332	0.973495	0.966051	0.882092	1
ch.12.17179059	MGAT4C	0.520595	0.56525	0.728504	-1.37268	0.143944	0.425094	1.23242	0.2370351	0.5417	-1.84604	0.160422	0.441718	-2.26389	0.0723442	0.533137	-1.87509	0.404739	0.685393	-1.45902	0.2898451	0.783062	1.27686	0.779679	0.707529	-1.41357	0.2984	0.973647	4.57772	4.1799	1
cg08154348	RIPPLY2	0.520595	0.0824633	0.154758	-6.46171	?	?	?	?	?	?	?	?	?	?	?	?	0.921812	1.09826	1.09826	0.161075	0.656003	-1.52438	0.299393	2.80778	2.80778	?	?	0.960343	10.5547	10.9906	1
cg15956008	MRPS30;MRPS30	0.5206	0.359689	1.61567	1.61567	0.676297	1.23851	1.23851	0.232847	1.89138	1.89138	0.830413	0.896496	-1.11545	0.519758	1.39434	1.39434	0.888076	1.07437	1.07437	0.0698284	0.356005	-2.80895	0.571977	1.33767	1.33767	0.783732	1.15045	1.15045	0.973484	0.400117	0.365348	1
cg26096837	FGF19	0.520605	0.781911	1.1938	1.1938	0.473139	0.72059	-1.38798	0.0223123	0.2210363	-4.44503	0.229365	0.4703308	-2.12665	0.0442134	0.3309128	-3.02107	0.351364	0.95475	-1.04759	0.7507452	0.768642	-1.301	0.89815	0.907403	-1.10205	0.2410308	2.57394	2.57394	0.973475	0.876099	0.810567	1
cg12844569	MORC2;MORC2	0.520606	0.093766	0.600629	-1.66492	0.507992	0.830466	-1.20414	0.878768	0.958664	-1.04312	0.740577	1.09627	1.09627	0.764197	1.08678	1.08678	0.473518	1.22342	1.22342	0.122707	1.5825	1.58825	0.972164	1.0097	1.0097	0.916287	0.971335	-1.02951	0.973474	1.17971	1.07721	1
cg17038056	EIF3A	0.520607	0.215842	0.703445	-1.42203	0.70642	0.923772	-1.08254	0.657402	0.826473	-1.69675	0.154393	0.689224	-1.45057	0.9931	0.997202	-1.00279	0.541524	0.788756	-1.26795	0.641324	0.778503	1.2843	0.788468	0.908715	-1.10046	0.592705	0.875467	-1.14226	0.973477	2.63099	2.28531	1
cg14743936	PLP2A	0.520622	0.633257	0.934128	-1.07052	0.317401	1.15778	1.15778	0.861365	1.02509	1.02509	0.941097	0.989579	-1.01053	0.68806	0.944395	-1.05888	0.458208	0.898457	-1.11302	0.0508462	0.729532	-1.37074	0.513553	1.09847	1.09847	0.563504	0.920555	-1.08631	0.973445	0.309795	0.282885	1
cg12414872	RPL29	0.520622	0.633257	0.934128	-1.07052	0.317401	1.15778	1.15778	0.861365	1.02509	1.02509	0.941097	0.989579	-1.01053	0.68806	0.944395	-1.05888	0.647178	1.41878	1.41878	0.945586	1.05318	1.05318	0.722205	1.31123	1.31123	0.578285	1.53151	1.53151	0.973445	0.838315	0.811154	1
cg27353073	PIKFYVE	0.520626	0.96177	0.982294	1.07094	0.709295	0.956119	-1.52411	0.357242	0.845398	-1.18302	0.276814	0.891589	-1.12208	0.422723	0.598147	-1.67138	0.340674	0.647703	-1.54326	0.618834	0.801557	-1.24772	0.742241	0.847203	-1.18014	0.933758	0.965671	-1.03555	0.973495	1.03646	2.75431	2.30645	1
cg01903785	SRP9;SRP9	0.520635	0.441752	1.20544	1.20544	0.832101	0.950687	-1.05187	0.846379	1.04729	1.04729	0.716585	0.916823	-1.09072	0.452347	1.20006	1.20006	0.43213	1.21042	1.21042	0.867127	1.04069	1.04069	0.0899099	1.5609	1.5609	0.0793228	1.59037	1.59037	0.973423	0.874727	0.798764	1
cg07918736	ILF3;ILF3;ILF3;ILF3;ILF3	0.520635	0.211835	0.708423	-1.41128	0.748953	1.43053	1.43053	0.0520659	1.5023	1.5023	0.615784	1.03286	1.03286	0.1456266	1.4639	1.4639	0.482516	0.7064	-1.41563	0.791205	0.878789	-1.13793	0.286671	0.709389	-1.40951	0.9143412	1.67186	1.67186	0.973441	0.565486	0.333841	1
cg06527153	STXBP3	0.520652	0.126103	0.742974	-1.34594	0.29958	1.21286	1.21286	0.344551	0.853992	-1.83640	-1.19097	0.871111	1.02958	1.02958	1.062761	1.05099	1.05099	0.325555	0.883414	-1.13198	0.955931	1.07156	1.07156	0.225199	0.795598	-1.25692	0.781927	1.05107	1.05107	0.973395	0.496783	0.453655	1
cg10064886	FLI31306;ARID4A;FLI31306;ARID4A;ARI DA	0.520653	0.616593	1.21685	1.21685	0.70576	1.1589	1.1589	0.644199	1.19819	1.19819	0.854458	0.931097	-1.074	0.333773	0.678868	-1.47345	0.0496425	0.418648	2.38864	0.358708	0.692851	-1.44331	0.959354	1.02001	1.02001	0.652393	1.19279	1.19279	0.973392	2.33041	2.1281	1
cg23413954	SERINC5	0.520655	0.644929	0.808081	-1.23775	0.736845	0.856117	-1.16752	0.557894	0.76147	-1.31278	0.765188	0.871487	-1.14746	0.0603941	0.378124	-2.64464	0.27365	1.68734	1.68734	0.340219	1.56769	1.56769	0.86195	1.08321	1.08321	0.957172	0.975639	-1.02497	0.973388	2.3512	2.26897	1
cg04232624	BAT3;BAT3;BAT3;BAT3	0.520659	0.042405	0.641342	-1.55918	0.248609	1.34889	1.34889	0.17009	0.74502	-1.34202	0.183119	0.912432	-1.09597	0.127283	0.661039	-1.51262	0.485804	1.4038	1.4038	0.0956224	2.130751	2.13075	0.868068	0.960516	1.04063	0.972728	0.945265	-1.05326	0.607077	0.780462	1.281259	1.03016	3.2146	1
cg01251973	ITPK1;ITPK1;ITPK1	0.520672	0.362299	0.474622	-2.10694	0.58614	0.645624	-1.54889	0.749792	1.29001	1.29001	0.270812	0.249051	2.490511	0.460641	0.550006	-1.81816	0.392748	2.00736	2.00736	0.655781	0.699725	-1.42913	0.0922992	0.228861	-4.36947	0.62008	0.671842	-1.48845	0.973636	0.765503	0.891758	1
cg10651119	FLJ42289;FLJ42289	0.520672	?	?	?	0.778846	1.2283	1.2283	0.885057	0.855953	-1.16911	0.299887	0.239175	2.919575	0.5609936	0.521204	-1.91774	0.870552	0.807701	1.2385	0.7	?	?	?	?	?	0.814489	0.829023	-1.20624	0.942382	0.78915	0.68055	1
cg20955098	MEGF6	0.520675	0.161284	0.540501	-1.98215	0.936858	0.965413	-1.05183	0.64749	0.85014	-1.17645	0.851004	1.17494	1.17494	0.858151	1.16509	1.16509	0.874938	1.13119	1.13119	0.719881	0.848154	-1.17903	0.203382	0.541659	0.52194	-1.84785	0.786136	1.13245	1.13245	0.973355	0.3243	0.2971	1
cg02864757	SALL1;SALL1	0.520689	0.913661	1.02185	1.02185	0.717496	1.07508	1.07508	0.603813	1.10995	1.10995	0.0901854	1.45075	1.45075	0.408237	0.844892	-1.18358	0.786001	0.94744	-1.05548	0.293647	0.804888	-1.24241	0.736118	0.934826	-1.06972	0.248497	0.78634	-1.27171	0.73533	0.612023	0.558027	1
cg26925590	C16orf35;C16orf35	0.52069	0.539138	1.14003	1.14003	0.189251	1.34271	1.34271	0.0520659	1.39795	1.39795	0.466775	0.78165	-1.28021	0.0520659	0.744564	-1.34309	0.252604	1.21212	1.21212	0.12596	1.34151	1.34151	0.808407	0.960516	1.04063	0.972728	0.945265	-1.05326	0.607077	0.780462	1.281259	1.03016	3.2146	1
cg21480427	FAM70A;FAM70A;FAM70A	0.520696	0.108716	0.123491	-8.09774	0.292847	0.271268	-3.6864	0.618587	0.548788	-1.82222	0.430842	2.615	2.615	0.8709	1.20377	1.20377	0.110029	1.24621	-8.02434	0.571988	0.505232	-1.97929	0.776357	0.711419	-1.40564	0.824621	1.30388	1.30388	0.973319	22.0331	20.1219	1
cg16091746	VBP1	0.5207	0.176908	0.270804	-3.69271	0.848968	1.18948	1.18948	0.816512	1.23558	1.23558	0.137981	4.27892	4.27892	0.864314	0.855844	-1.16844	0.151792	0.247203	-4.04525	0.827849	0.21922	1.21922	0.619123	0.57789	1.57789	0.843974	0.83582	-1.19643	0.973311	12.7691	11.6616	1
cg17668163	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.520707	0.145372	0.767299	-1.30327	0.241774	1.23068	1.23068	0.676234	1.07374	1.07374	0.618664	1.08873	1.08873	0.654692	1.07925	1.07925	0.405554	1.15507	1.15507	0.253517	1.22387	1.22387	0.367758	1.16968	1.16968	0.274075	1.21265	1.21265	0.973299	0.442401	0.404033	1
cg00193393	MAP3K7IP3	0.520708	0.246396	0.501603	-1.99375	0.196794	1.42683	1.42683	0.184198	1.24843	1.24843	0.141948	1.23843	1.23843	0.270632	1.36215	1.36215	0.241384	1.07531	1.07531	0.784166	1.17016	1.17016	0.249382	0.945065	-1.05826	0.607077	0.780462	1.281259	1.03016	3.2146	1	1
cg14817848	DUSP16	0.520715	0.459505	0.907904	-1.10144	0.391748	1.11915	1.11915	0.193912	0.838339	-1.19283	0.21212	0.844836	-1.18366	0.2199	1.17997	1.17997	0.836475	0.973834	-1.02687	0.673315	1.05591	1.05591	0.391677	0.80352	-1.11917	0.808574	0.969342	-1.03163	0.973285	0.253696	0.231697	1
cg11335960	ISLR;ISLR	0.520716	0.287666	0.50467	-1.98149	0.86288	0.894551	-1.11303	0.737141	1.23204	1.23204	0.25869	0.4819	-2.07532	0.0749351	0.291878	-3.42608	0.919018	0.938945	-1.06502	0.165154	0.399666	-2.50209	0.849805	0.505686	-1.97751	0.715512	0.792175	-1.25451	0.973283	0.5915	0.5402	1
cg06699288	FRAS1;FRAS1	0.52072	0.169811	0.734423	-1.36161	0.739487	0.93198	-1.07298	0.2959954	1.25705	1.25705	0.591015	0.891804	-1.12132	0.875145	0.967353	-1.03375	0.236047	0.769431	-1.29966	0.353728	1.22229	1.22229	0.678614	1.09194	1.09194	0.321939	1.24109	1.24109	0.973277	0.68684	0.627287	1
cg23872756	TOX2;TOX2;TOX2	0.520721	0.583309	1.1913	1.1913	0.357572	0.741598	-1.34844	0.0937134	0.558552	-1.79034	0.799574	0.922758	-1.08371	0.49506	0.803406	-1.2447	0.793926	0.920614	-1.08623	0.467923	0.791866	-1.26284	0.990312	0.996171	-1.00384	0.176036	1.57546	1.57546	0.973275	1.53891	1.40548	1
cg05789608	DSTYK;DSTYK	0.520727	0.858273	1.09553	-1.17373	0.354857	0.924382	-1.08183	0.5483	0.649449	-1.18416	?	?	?	?	?	?	0.059522	0.143966	-6.94609	?	?	?	?	?	?	0.816489	0.829023	-1.20624	0.942382	0.78915	0.68055	1
cg22772180	PSPC1;PSPC1	0.520732	0.328687	0.799153	-1.25133	0.884637	1.03281	1.03281	0.278085	0.778153	-1.28509	0.0573662	0.619973	-1.61297	0.184097	0.730992	-1.368	0.695914	1.09128	1.09128	0.595248	0.887594	-1.12664	0.934928	0.982004	-1.01833	0.776059	0.938544	-1.06548	0.973256	0.762361	0.696275	1
cg26214747	NCRNA00210;SNORA13	0.520732	0.681233	1.02081	1.02081	0.288221	0.822601	-1.21605	0.413505	0.648134	-1.54244	0.277609	0.7236	-1.38209	0.317402	0.777636	-1.28594	0.486988	1.04196	1.04196	0.124913	0.571189	1.13119	1.13119	0.719881	0.848154	-1.17903	0.203382	0.541659	0.52194	-1.84785	0.786136	1.13245	1.13245	0.973355	0.3243	0.2971	1
cg06853325	DHPS;DHPS;DHPS	0.520747	0.161935	0.724593	-1.38009	0.178194	0.73448	-1.36151	0.931489	0.981623	-1.01872	0.582823	1.12711	1.12711	0.427149	0.839545	-1.19112	0.749955	1.07141	1.07141	0.450304	0.847104	-1.18049	0.511036	1.15465	1.15465	0.168705	0.728796	-1.37213	0.973231	0.717244	0.655087	1
cg01790920	IRX1	0.520749	0.459352	2.15104	2.15104	0.942396	0.929163	-1.07624	0.972431	0.965475	-1.03576	0.722993	1.43598	1.43598	0.0189176	0.0875555	-11.4213	0.466884	2.12274	2.12274	0.704462	1.4732	1.4732	0.605785	1.69775	1.69775	0.926952	1.09771	1.09771	0.973209	15.9322	14.5518	1
cg02502840	CLASP1;CLASP1;CLASP1;RNU1-94;TAC1	0.520763	0.768796	1.08738	1.08738	0.597281	1.02497	1.02497	0.765659	1.02497	1.02497	0.764579	0.64479	-1.61515	1.2793	1.2793	1.2793	0.548799	2.14555	2.14555	0.121691	1.30951	1.30951	0.795538	1.52058	1.52058	0.803417	1.12807	1.12807	0.102907	2.39644	2.39644	0.596267	2.81358	1
cg15361497	UNC84A;UNC84A	0.520778	0.637145	1.27979	1.27979	0.3227	0.588373	-1.6996	0.820116	1.12554	1.12554	0.151095	0.449852	-2.22295	0.859427	1.09641	1.09641	0.692128	0.813308	-1.22955	0.211743	0.505075	-1.97991	0.730712	1.19649	1.19649	0.115015	0.4103735	-2.43466	0.973177	4.15523	3.79535	1
cg06282311	CCHCR1;CCHCR1;CCHCR1	0.520783	0.670003	0.91969	-1.08736	0.817467	1.14948	1.14948	0.0520659	0.874374	-1.14761	0.55947	1.13122	1.13122	0.0520659	0.874353	-1.14405	0.729297	0.884533	-1.13058	0.559982	0.814076	1.34076	1.34076	0.745397	0.748135	-1.33649	0.657399	0.910966	-1.09774	0.972168	0.67269	0.634434	1
cg25775198	CSorf54;CSorf54	0.520785	0.969845	0.960683	-1.00393	0.705933	1.00383	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	t(Test)	SS(Test)	SS(Error)	F(Error)
cg19248367	LOC100130987;CLCF1;CLCF1;CLCF1	0.52124	0.91554	1.03845	0.123888	1.13147	0.113147	1.13147	0.936202	1.02888	0.102888	1.02888	0.241413	0.646522	-1.54674	0.16445	0.590033	-1.69462	0.58102	1.21928	0.123288	0.551313	1.81385	0.444389	1.31958	1.31958	0.542807	0.803241	-1.24496	0.972179	1.9482	1.78092	1
cg13709244	MSH5;MSH5;MSH5;MSH5;MSH5	0.52143	0.666814	1.17395	1.17395	0.183972	1.68518	1.68518	0.514161	1.27722	1.27722	0.268571	1.53171	1.53171	0.907769	0.954862	1.04727	1	0.0828739	2.03615	2.03615	0.329209	1.45187	1.45187	0.334661	1.44543	1.44543	0.165668	1.7288	1.7288	0.972374	2.11131	1.93004	1
cg00375430	ASIP	0.521264	0.784159	0.963417	-1.03261	0.687577	1.04839	1.04839	0.443423	0.912709	-1.09564	0.165935	0.841394	-1.1885	0.103417	0.81205	-1.23145	1	0.2143888	0.85831	-1.16508	?	?	0.466434	0.917017	-1.09049	0.180139	0.900115	-1.11097	0.661844	0.185009	0.192348	1
cg27220190	ABCF3	0.521287	0.743411	1.19534	1.19534	0.659881	1.27597	1.27597	0.227658	1.98957	1.98957	0.84004	1.11603	1.11603	0.666275	1.26578	1.26578	1	0.44767	0.65679	-1.52256	0.416689	0.637061	-1.56971	0.0798037	2.87487	2.87487	0.307795	1.77437	1.77437	0.972297	4.54381	4.15402	1
cg20252517	MMP21	0.521295	0.382524	1.20253	1.20253	0.97356	0.993198	1.00685	0.649588	0.910104	-1.09878	0.404045	1.19234	1.19234	0.503509	1.11394	1.11394	1	0.864984	0.96556	-1.03567	0.0639697	1.53535	1.53535	0.260295	0.785208	-1.27355	0.978793	1.00549	1.042093	1.00549	0.072284	0.653071	0.597056	1
cg02126745	C10orf140	0.521296	0.9535	0.988497	-1.01164	0.0788336	0.678949	1.47286	0.334868	0.820934	-1.21813	0.964671	0.01341	0.341104	0.8678	1.0336	1.0336	1	0.741789	0.93607	-1.0678	0.233174	1.28147	1.28147	0.258459	0.791418	-1.26355	0.972887	1.00677	1.006777	1.00677	0.072283	0.606121	0.554133	1
cg14943953	ADO	0.521297	0.372887	0.710265	-1.40793	0.90409	1.04611	1.04611	0.517613	1.27805	1.27805	0.245306	0.634769	-1.57538	0.51324	0.780378	-1.28143	1	0.551704	1.25258	1.25258	0.059846	0.451969	-2.21254	0.916063	1.04022	1.04022	0.758592	0.891109	-1.1222	0.97228	2.15385	1.96912	1
cg02579134	CCNF	0.521298	0.687869	0.758001	-1.31926	0.038932	1.53647	1.53647	0.494023	1.61053	1.61053	0.904493	0.92094	-1.08585	0.552156	0.661837	-1.51087	1	0.786285	0.82868	-1.20693	0.988485	0.990445	-1.00955	0.903067	1.68719	1.68719	0.769979	1.22284	1.22284	0.972278	7.24943	6.62767	1
cg19449941	OBSCN;OBSCN	0.521299	0.92509	1.08097	0.675514	0.807765	-1.23798	0.417815	0.523735	-1.52176	0.985752	1.0092	1.0092	-1.03702	0.282604	1.53852	1	0.492522	1.42399	1.42399	0.837203	0.900931	-1.10996	0.825416	1.11855	1.11855	0.454197	0.679358	-1.47398	0.972275	3.95988	3.62026	1
cg20824876	MORN2	0.521304	0.190339	2.71278	2.71278	0.806263	0.837936	-1.19341	0.936141	1.05936	1.05936	0.452397	1.73476	1.73476	0.169747	0.349093	-2.86456	1	0.301609	2.16003	2.16003	0.755141	1.25247	1.25247	0.524646	1.59031	1.59031	0.301482	0.462857	-2.16049	0.972269	7.9734	7.28962	1
cg04893424	RPTOR;RPTOR	0.521305	0.196564	1.55947	1.55947	0.398273	1.00968	1.00968	0.988708	1.83405	1.83405	0.312402	1.39297	1.39297	0.164661	1.36241	1.36241	1	0.145183	1.66371	1.66371	0.132299	1.56686	1.56686	0.0947	1.64714	1.64714	0.072267	1.63048	1.63048	0.972267	1.63048	1.49066	1
cg01007828	CDH8	0.521327	0.0636251	1.34155	1.34155	0.455326	1.11309	1.11309	0.684491	1.05925	1.05925	0.837864	0.971543	-1.02929	0.610764	0.902228	-1.07501	1	0.0823285	1.96881	-1.03219	0.906845	0.983641	-1.01663	0.628725	0.933653	-1.07106	0.158597	1.23656	1.23656	0.972228	0.305692	0.279488	1
cg26207913	SETMAR;SETMAR	0.521331	0.276376	0.654046	-1.60502	0.273054	0.918465	1.41433	0.855089	1.07881	1.07881	0.669812	0.855901	-1.11615	0.245739	0.602103	-1.66085	1	0.670875	0.83642	-1.19557	0.735529	1.1522	1.1522	0.241999	1.72671	1.72671	0.087921	1.58575	1.58575	0.972221	2.68887	2.4584	1
cg16218204	CDK5;CDK5;SCAI2	0.521337	0.61751	1.93426	1.93426	-1.07036	0.387585	1.12704	1.12704	0.861591	1.02385	1.02385	0.478356	1.10223	1.10223	0.181745	1.21098	1.21098	0.79342	1.06517	1.06517	1.03608	0.18942	0.828839	-1.20651	0.351943	0.878654	-1.1381	0.345515	1.1402	1.1402	0.972211	0.280821	0.256754	1
cg13781157	ACVR1B;ACVR1B	0.521353	0.797093	1.01948	1.01948	0.174072	1.14136	1.11436	0.891485	0.988824	-1.01028	0.916957	1.00784	1.00784	0.81728	0.897044	-1.11477	1	0.894875	0.990149	-1.00095	0.413018	1.06468	1.06468	0.30039	0.922783	-1.08368	0.274892	1.08879	1.08879	0.972184	0.086349	0.078461	1
cg07596235	DUSP	0.521355	0.43391	0.69707	2.01072	0.243723	0.902593	2.00293	0.681481	1.84665	-5.41522	0.685192	1.42836	1.42836	0.429593	0.82454	1.21454	1	0.546369	1.70576	1.70576	0.414422	2.01867	2.01867	0.553952	1.68822	1.68822	0.689295	1.19451	1.19451	0.972183	1.78225	1.62735	1
cg20426364	FLJ22536	0.521361	0.935043	0.976881	-1.02367	0.177178	0.6626	-1.50921	0.256851	0.712065	-1.40437	0.447255	0.800696	-1.24891	0.965559	0.987686	-1.01247	1	0.789209	0.925994	-1.07992	0.20989	1.4611	1.4611	0.983151	1.00608	1.00608	0.229447	1.436	1.436	0.972171	1.26781	1.1592	1
cg07457882	ZNF407;ZNF407;ZNF407	0.521367	0.879179	0.955298	-1.04597	0.565157	1.19202	1.19202	0.424667	1.27764	1.27764	0.157326	1.58599	1.58599	0.511369	1.22171	1.22171	1	0.345149	0.746533	-1.33953	0.458265	1.25466	1.25466	0.211977	0.673407	-1.48479	0.524972	0.823931	-1.21369	0.972159	3.19161	2.72341	1
cg04758102	C1orf88;C1orf88	0.521376	0.790435	1.06298	-1.06298	0.712879	1.0802	1.0802	0.556402	1.02661	1.02661	0.980074	1.16864	1.16864	0.0806704	1.78564	1	0.419345	0.841791	-1.18794	0.13676	0.715643	-1.39734	0.606493	1.11455	1.11455	0.157931	1.37042	1.37042	0.972143	0.670757	0.613313	1
cg15772216	SYNPR	0.521377	0.233206	0.776561	-1.28773	0.78489	0.946152	-1.05691	0.85236	1.03841	1.03841	0.912222	0.977938	-1.02256	0.835865	1.04286	1.04286	1	0.312487	0.809476	-1.23537	0.85566	1.03752	1.03752	0.446406	1.17001	1.17001	0.0739184	1.49627	1.49627	0.972142	0.630164	0.576198	1
cg17508500	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.521388	0.235826	0.493824	-2.02313	0.307859	0.9149	1.83106	0.885801	1.08618	1.08618	0.908314	0.955869	-1.04653	0.774004	0.842604	1.18704	1	0.326625	0.558424	-1.79075	0.368501	0.582262	1.71744	0.854629	0.902743	-1.07905	0.161227	0.422816	2.3651	0.972122	5.09598	4.65966	1
cg01134185	TIAM1	0.521392	0.317236	0.592016	-1.68914	0.61291	0.772072	-1.29522	0.997301	0.998286	-1.00172	0.920854	2.56047	2.56047	0.352162	0.61482	-1.62649	1	0.378104	0.632213	-1.58175	0.372301	0.628426	1.59111	0.418752	0.657751	-1.52049	0.927268	0.954762	-1.04378	0.972116	3.95817	3.61929	1
cg03778373	WDR70	0.521394	0.44238	1.12827	1.12827	0.12225	0.615374	-1.63086	0.351707	0.804545	-1.24243	0.18675	0.960284	-1.04164	0.120734	0.827456	1.20829	1	0.788288	0.98187	-1.01833	0.930791	1.37202	1.37202	0.0476258	0.897173	-1.11444	0.457998	1.12286	1.12286	0.972112	0.906335	0.834858	1
cg20311673	PXDN	0.521397	0.476883	2.27654	2.27654	0.730362	1.48217	1.48217	0.353469	0.3376	0.3376	-2.96208	0.628674	1.74065	1.74065	0.377078	2.80365	2.80365	0.738847	1.46309	1.46309	0.194304	0.209752	-4.76753	0.12785	6.504	6.504	0.476362	2.27883	2.27883	0.972108	19.9178	18.2127	1
cg24658899	DLG3	0.521412	0.105428	2.261905	-3.81817	0.174458	0.33197	-3.07407	0.771614	1.32477	1.32477	0.36757	2.01578	2.01578	0.894656	1.10555	1.10555	1	0.262469	0.41275	-2.42277	0.854265	1.14942	1.14942	0.379027	0.891049	-1.12227	0.75755	1.2643	1.2643	0.972081	0.833146	0.675651	1
cg02551007	FAM20C	0.521414	0.850547	1.03958	1.03958	0.132147	0.988806	-1.01132	0.923768	0.882102	-1.12626	0.846665	0.541522	0.685192	1.42836	1.42836	0.429593	2.02454	2.02454	1.0155	1.0155	0.916308	0.164124	2.51106	0.461628	1.58021	1.58021	0.064663	0.279691	0.5882	0.85844	0.53923	1
cg19008858	TTYH2;MGC16275	0.521420	0.149222	0.381822	-2.61902	0.66095	0.759758	-1.31621	0.783778	0.842628	-1.18676	0.398973	1.71182	1.71182	0.703812	0.788375	-1.26843	1	0.570992	1.42824	1.42824	0.123794	2.82256	2.82256	0.734249	0.808867	-1.2363	0.430782	0.606165	-1.64971	0.972069	5.96624	5.45571	1
cg25948154	CHST14;CHST14	0.521423	0.227835	1.44347	1.44347	0.437071	1.09201	1.09201	0.870382	0.955572	1.04862	0.828757	0.784536	1.27464	1.27464	0.515226	1.58599	1.58599	0.511369	1.22171	1.22171	0.472541	0.345149	0.746533	-1.33953	0.458265	1.25466	1.25466	0.211977	0.673407	-1.48479	0.524972	0.823931	-1.21369	0.972159	3.19161	2.72341	1
cg23455407	SNX12	0.521431	0.163404	0.190277	-5.25549	0.59542	0.150515	-1.81813	0.648951	0.599756	-1.66734	0.162434	5.27835	5.27835	0.933131	1.09786	1.09786	1	0.119976	1.15234	-1.56424	0.826067	0.776188	-1.28835	0.989033	1.01545	1.01545	0.989393	0.985281	0.914494	0.720249	0.91562	0.972102	19.1562	17.5174	1
cg13139998	GRM2;GRM2	0.521435	0.937757	1.03096	1.03096	0.867025	0.936669	-1.06761	0.260441	0.632387	-1.58131	0.242471	1.61255	1.61255	0.56615	1.2541	1.2541	1	0.834615	1.08505	1.08505	0.0840549	0.474124	-2.10915	0.528825	1.28288	1.28288	0.77516	0.894219	-1.11829	0.972041	2.3465	2.14577	1
cg22760576	EYA3	0.521436	0.706035	0.916389	-1.09126	0.307859	0.929429	-1.08842	0.79999	0.995258	-1.00474	0.997792	1.28793	1.28793	0.228717	1.26644	1.26644	0.431134	1.15041	1.15041	1.15041	0.0001	0.869554	0.863532	-1.15741	0.0406	0.841249	0.950548	-1.0457	0.0424371	1.08552	1.0256	0.709285	1.0596	0.709285	0.972038	0.786579	0.719294	1
cg16116512	SNX7;SNX7;SNX7;SNX7	0.521449	0.340796	1.14131	1.14131	0.640289	0.722072	-1.29522	0.997301	0.998286	-1.00172	0.920854	2.56047	2.56047	0.352162	0.61482	-1.62649	1	0.378104	0.632213	-1.58175	0.372301	0.628426	1.59111	0.418752	0.657751	-1.52049	0.927268	0.954762	-1.04378	0.972117	3.95817	3.61929	1
cg04926827	TMEM164;TMEM164	0.521450	0.333122	0.785037	1.27356	0.223	0.555863	1.79855	0.585	0.916583	1.09163	0.563663	0.914534	1.09353	0.438613	0.911602	0.88393	1	0.192211	0.834991	-1.19784	0.611773	0.925055	1.08055	1.0484	0.954178	1.04799	0.954178	0.972098	0.954178	1.04799	0.954178	0.972098	0.954178	1.04799	0.954178	0.972098

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1237 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(6637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
ap10665357	CPLX2,CPLX2	0.522083	0.589211	-1.08224	-1.12838	0.364931	1.22908	1.22908	0.80029	0.945385	-1.05777	0.993342	0.998153	-1.00185	0.767196	-1.06799	1.06799	0.579456	0.883357	-1.13205	0.495435	1.16575	1.16575	0.36669	0.814268	-1.2281	0.0540091	0.615949	0.623351	0.709024	0.754858	0.091459	1
ap16202970	POU3F2	0.522104	0.347987	2.26101	2.26501	?	?	?	0.783624	0.793382	-1.26043	0.92916	1.0776	1.0776	1.083729	3.2515	3.2515	0.193047	3.21541	3.21541	0.89738	0.897231	-1.11456	?	?	0.333423	0.430599	-2.32205	0.90755	0.15744	0.51948	1
ap17812313	PTPRN2;PTPRN2;PTPRN2	0.522112	0.414488	0.617921	-1.61833	0.899706	0.928818	-1.07548	0.583589	1.37639	1.37639	0.920947	1.05896	1.05896	0.316214	0.549906	-1.81849	0.143817	0.404	-2.47525	0.813446	1.14617	1.14617	0.358097	1.72404	1.72404	0.142782	0.402913	-2.48192	0.970874	5.12111	4.68866	1
ap18398554	TJP2	0.522118	0.766066	1.04896	1.04896	0.398087	0.884934	-1.13003	0.562807	1.08618	1.08618	0.272026	1.17532	1.17532	0.193825	1.21439	1.21439	0.113786	1.27519	1.27519	0.459243	1.1235	1.11235	0.851784	1.02678	1.02678	0.159623	1.21102	1.21102	0.870864	0.30695	0.281033	1
ap10484485	KIAA0922;KIAA0922	0.522121	0.446707	0.894351	-1.11813	0.386947	1.13618	1.13618	0.149659	1.24905	1.24905	0.763066	0.957407	-1.04449	0.182035	0.815525	-1.2262	0.834367	0.970305	-1.0306	0.248154	0.840459	-1.18983	0.671247	0.940387	-1.06339	0.740569	0.95329	-1.049	0.970859	0.318689	0.291782	1
ap00996925	DNM1;DNM3	0.522125	0.346579	1.96652	1.96652	0.906544	0.921326	-1.08539	0.129476	0.318884	-1.13593	0.962127	1.03368	1.03368	0.47862	1.65298	1.65298	0.28248	0.458767	-2.17976	0.186961	2.65365	2.65365	0.873472	0.894765	-1.11761	0.968265	1.02815	1.02815	0.970851	1.74805	6.85314	1
ap07580707	XPC;XPC;LSM3;XPC	0.522128	0.679154	1.11031	1.11031	0.48778	1.19405	1.19405	0.267886	0.747992	-1.33691	0.632825	1.12873	1.12873	0.784335	1.07146	1.07146	0.571643	0.866054	-1.15466	0.0553312	0.578978	-1.72718	0.944196	0.982542	-1.01777	0.670941	1.11351	1.11351	0.970847	0.973269	0.891106	1
ap02181197	IMMP2L	0.522134	0.190355	0.153611	-3.94304	0.459329	1.19199	1.19199	0.91148	1.1163	1.1163	0.495261	0.918585	-1.09249	0.281421	0.330394	-3.02669	0.138723	0.206658	-4.83835	0.127432	0.195804	-5.10715	0.668943	0.653417	-1.53042	0.215767	0.27559	-3.62858	0.970837	15.048	13.7778	1
ap19353949	PDZK1	0.522138	0.799351	0.831084	-1.20323	0.034771	5.98211	5.98211	0.151902	2.60546	2.60546	0.154185	6.544855	6.544855	-1.54094	0.156148	0.648955	-1.54094	0.898577	0.09706	1.309706	0.586007	1.4896	0.50144	1.55143	0.583355	1.40537	1.48537	0.7083	0.11347	0.74287	1
ap16787025	AP4E1	0.522149	0.652596	0.850731	-1.17546	0.944313	1.02523	1.02523	0.344881	0.706748	-1.41493	0.244558	0.647722	-1.54387	0.149051	0.575783	-1.73676	0.570635	0.815084	-1.22687	0.444909	0.757427	-1.32026	0.427397	0.748949	-1.3352	0.0549109	0.459962	-2.17409	0.970811	1.95688	1.79175	1
ap00654688	EN1	0.522153	0.48406	0.676877	-1.47805	0.784274	0.842772	-1.18662	0.858015	1.02838	1.02838	0.629786	0.765304	1.30615	0.26245	0.90984	1.10094	0.334424	0.61858	-1.61662	0.264263	0.904	1.24393	0.486396	1.47544	1.47544	0.970803	0.42654	4.6504	2.25801	1
ap19185637	ITGA11	0.522167	0.503931	0.79283	-1.26131	0.192513	0.623669	-1.60341	0.0783511	0.512032	-1.953	0.524889	0.802077	-1.24676	0.303542	0.694356	-1.44018	0.606404	1.947	1.1947	0.394721	0.742019	-1.34767	0.417104	0.752871	-1.32825	0.22023	0.643262	-1.55458	0.970878	1.80144	1.64948	1
ap19091601	MON2;MON2 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.522176	0.927888	1.02886	1.02886	0.107534	1.17674	1.17674	0.264278	1.44151	1.44151	0.642072	0.863197	-1.15848	0.747459	0.90345	-1.10687	0.358095	0.743423	-1.34513	0.305824	0.716607	-1.39546	0.872809	0.05164	1.05164	0.428156	1.28947	1.28947	0.970764	1.5186	1.39052	1
ap16308790	C1	0.522177	0.224354	0.493098	-2.02799	0.290818	0.544565	-1.83538	0.767307	0.848125	-1.17884	0.540946	0.709737	-1.40897	0.237711	0.504043	-1.98412	0.126761	0.40053	-2.49669	0.305479	0.555547	-1.80003	0.862686	0.349976	-2.85734	0.510968	0.691189	-1.44678	0.970762	4.71803	4.32012	1
ap08439149	PRKCZ;PRKCZ	0.522178	0.857816	0.900851	-1.05263	0.654455	1.82691	1.82691	0.193596	1.1294	1.1294	0.52706	1.20192	1.20192	0.503743	1.13418	1.13418	0.605542	1.10268	1.10268	0.815003	0.93516	-1.06934	0.113496	1.63535	1.63535	0.716963	0.901108	-1.10974	0.970757	1.25776	1.15169	1
ap14353079	SMC5	0.522182	0.39721	1.99014	1.99014	0.163584	1.25536	1.25536	0.138423	1.54791	1.54791	0.779004	1.25024	1.25024	?	?	?	0.489828	1.74526	1.74526	0.175075	1.14221	1.14221	0.692864	1.37046	1.37046	0.533657	0.606253	-1.64948	0.960229	8.51953	8.8724	1
ap19087707	GAUN?9	0.522193	0.961886	1.03141	1.03141	0.123021	2.96851	2.96851	0.345271	1.87583	1.87583	0.617625	1.385	1.385	0.520994	1.55088	1.55088	0.70363	1.28062	1.28062	0.127038	0.932262	-1.07281	0.709734	1.18881	1.18881	0.729193	0.796324	-1.25577	0.970735	6.43944	5.8956	1
ap02931660	BCOR;BCOR	0.522198	0.597168	1.08205	1.08205	0.364931	1.25536	1.25536	0.155919	0.409983	-2.45913	0.132959	0.391419	-2.5548	0.131224	0.380514	-2.5673	0.767395	1.18723	1.18723	0.70985	0.984778	-1.01546	0.96399	0.586607	-1.70472	0.678131	0.7854	-1.2729	0.970726	5.14713	4.7132	1
ap10484455	WDR46;WDR46	0.522205	0.0273072	0.111106	-9.00045	0.782908	1.2616	1.2616	0.446133	0.5043	-1.92149	0.918265	0.917261	-1.0902	0.376728	0.466182	-2.14508	0.668915	0.69632	-1.43612	0.587949	0.63112	-1.58449	0.453626	0.526092	-1.90081	0.801849	0.809317	-1.23561	0.970713	10.883	9.96566	1
ap11303839	CC12b	0.522212	0.77226	1.20416	1.20416	0.178844	2.46929	2.46929	0.211584	0.431705	-2.3164	0.791177	0.843487	-1.18561	0.139496	0.407295	-2.4522	0.6884	1.29507	1.29507	0.434575	0.599676	-1.66757	0.484479	0.59021	1.56012	0.546211	0.675774	-1.47978	0.970702	6.62444	5.7914	1
ap07793981	RESP18	0.522222	0.0724241	0.176923	-5.65217	0.327495	0.417555	-2.39489	0.87412	1.14681	1.14681	0.743057	1.32872	1.32872	0.238069	2.90892	2.90892	0.548409	1.68995	1.68995	0.861366	0.859824	-1.16303	0.608334	0.640214	-1.56198	0.652518	0.675963	-1.47907	0.970685	11.4767	10.5096	1
ap15726807	TGFB1	0.522224	0.395083	0.795251	-1.25696	0.439001	1.24715	1.24715	0.454284	0.7255	1.3775	0.422269	0.511593	1.51193	0.198195	1.00803	1.00803	0.960813	1.01596	1.01596	0.912059	0.608948	-1.64213	0.435455	1.29232	1.29232	0.285859	1.42935	1.42935	0.970681	1.97005	1.83801	1
ap18817750	PSD JMJD7;JMJD7-PLA2G4B;JMJD7-	0.522225	0.516551	1.53914	1.53914	0.0518493	4.26586	4.26586	0.102947	3.22098	3.22098	0.508462	1.55242	1.55242	0.813725	1.16738	1.16738	0.507673	1.55373	1.55373	0.359771	1.854	1.854	0.36241	1.84739	1.84739	0.527303	1.52186	1.52186	0.970679	6.60874	6.05188	1
ap10622236	PLA2G4B	0.52224	0.820815	0.932469	-1.07242	0.449193	0.788454	-1.2683	0.954074	1.01791	1.01791	0.186074	1.56454	1.56454	0.064501	1.06174	1.06174	0.721671	0.893601	-1.11907	0.355685	1.34019	1.34019	0.05216	0.506231	-1.97538	0.247849	0.689112	-1.45114	0.939431	1.0237	1.0237	0.970654	1.46028	1.33727	1
ap09201855	HYDIN	0.522243	0.280147	1.27141	1.27141	0.178025	0.736301	-1.35814	0.382826	0.825785	-1.21097	0.832372	0.955677	-1.04638	0.702868	1.08543	1.08543	0.20616	0.751846	-1.33006	0.304017	1.2557	1.2557	0.846122	1.04243	1.04243	0.596926	0.892124	-1.12092	0.970648	0.703293	0.644054	1
ap06366009	S100A11	0.522248	0.155742	0.407554	-2.4574	0.974174	0.983455	-1.01682	0.878026	0.9445	-1.05845	0.987896	0.970564	-1.03071	0.744934	0.94634	-1.05622	0.08884	0.2348	-4.25648	0.0224402	0.773721	-1.29246	0.777834	0.964946	-1.15694	0.647325	1.26791	1.26791	0.970639	4.08263	3.73876	1
ap01392504	TNRC18	0.522249	0.416748	0.80712	-1.23897	0.719181	1.09771	1.09771	0.467863	1.72508	1.72508	0.212612	1.20102	1.20102	0.790218	1.07126	1.07126	0.258366	1.37535	1.37535	0.25	0.235041	1.37898	1.37898	0.118799	0.645875	-1.54828	0.788172	0.932831	-1.07201	0.904201	1.03158	1.03158	0.970639	1.02477	0.938458	1
ap08166431	CLEC16A	0.522249	0.540744	0.755996	-1.32276	0.382927	1.49806	1.49806	0.82667	1.10413	1.10413	0.160586	1.96806	1.96806	0.589017	0.781622	-1.27939	0.140628	2.04613	2.04613	0.289049	0.608277	-1.64399	0.937469	0.965179	-1.03608	0.687465	1.20043	1.20043	0.970638	3.13668	2.8725	1
ap15147783	SETD5	0.522254	0.716582	1.11783	1.11783	0.291107	1.2811	1.2811	0.317774	0.893787	-1.12005	0.757621	0.99195	-1.00811	0.895343	0.99195	-1.00811	0.257272	0.555775	-1.7233	0.247875	0.936239	-1.07963	0.525022	1.84031	1.84031	0.822855	0.898262	-1.11326	0.970629	1.57939	1.32337	1
ap05695311	EIF4EBP1	0.522259	0.80898	1.1122	1.1122	0.978657	0.935752	-1.06866	0.287413	0.62414	1.62414	0.569245	0.776802	-1.28733	0.42866	0.70135	-1.42582	0.849013	0.919723	-1.08728	0.0831691	0.430757	-2.32149	0.394672	1.46635	1.46635	0.345576	0.652782	-1.53191	0.970621	2.9635	2.71396	1
ap16632275	SLC6A8;SLC6A8;SLC6A8	0.522263	0.305743	1.70711	1.70711	0.380218	0.894705	1.11758	0.885365	0.89539	1.11758	0.885365	0.89539	1.11758	0.885365	0.89539	1.11758	0.913664	1.09469	1.09469	0.787797	0.397133	2.51953	2.51953	0.103358	1.03358	0.967814	1.03358	1.03358	0.943492	1.64159	1.58155	0.970614	2.63345	2.50007	1
ap15785147	UBE2E2	0.522267	0.240549	0.707313	-1.4138	0.123629	0.625006	-1.59998	0.23186	0.702307	-1.42388	0.809185	0.934093	-1.07056	0.400112	0.784473	-1.27474	0.316366	0.746819	-1.33901	0.855901	1.05256	1.05256	0.380518	1.28854	1.28854	0.351409	0.763167	-1.31033	0.970608	1.22093	1.11813	1
ap11541668	MED9	0.522275	0.649564	1.24448	1.24448	0.199356	0.52291	-1.91238	0.753797	1.15968	1.15968	0.419397	1.4836	1.4836	0.460892	0.69842	-1.4318	0.465851	0.701289	-1.42595	0.0811889	0.396788	-2.52024	0.430461	0.680608	-1.46927	0.810846	0.801667	-1.12147	0.970593	3.51418	3.21836	1
ap09041241	CLSTN1;CLSTN1	0.522283	0.17557	0.368218	-2.71619	0.0940398	0.425627	-2.35021	0.211515	0.268196	0.602201	-1.66057	0.263319	0.59801	-1.67202	0.252881	-1.7454	0.490174	0.2043	-4.89507	0.0242983	0.17401	-5.74746	0.0600113	0.566107	-1.76622	0.0694328	0.666674	0.449983	0.970579	2.97261	2.72241	1
ap23208160	BRD8;BRD8;KIF20A;BRD8;KIF20A	0.522286	0.478374	1.22101	1.22101	0.136512	1.55958	1.55958	0.372974	1.28838	1.28838	0.104393	0.611522	-1.63526	0.898725	0.965339	-1.03591	0.701069	0.898651	-1.11278	0.99582	1.00145	1.00145	0.699681	0.898178	-1.11337	0.897089	1.0365	1.0365	0.970575	1.17984	1.08054	1
ap18989977	PNPLA4;PNPLA4	0.522288	0.310568	1.3219	1.3219	0.0981506	1.48224	1.48224	0.464215	1.13539	1.13539	0.402091	0.724134	1.38121	0.12902	0.545588	-1.83295	0.546323	1.1939	1.1939	0.405504	0.877569	-1.14055	0.777183	0.877569	-1.14055	0.777183	0.877569	-1.14055	0.777183	0.970557	0.74748	0.68161	1
ap07705913	OGD2	0.522289	0.266113	0.515734	-1.93898	0.117976	0.379061	-2.6381	0.0968234	0.352899	-2.83368	0.490297	0.631263	-1.58413	0.271188	0.519646	-1.92439	0.432413	0.63265	-1.58065	0.235852	0.491704	-2.03574	0.444261	0.70418	-1.42009	0.923411	1.05649	1.05649	0.970567	1.01961	4.59719	1
ap06216090	FLI1;3197	0.522302	0.356851	1.29854	1.29854	0.85162	0.951362	-1.05112	0.220115	0.700896	-1.42675	0.512172	0.83255	-1.20113	0.222968	0.702565	-1.42336	0.147681	0.651671	-1.53452	0.643034	1.13731	1.13731	0.51563	1.19928	1.19928	0.583799	0.858544	-1.16476	0.970547	1.16815	1.06987	1
ap07159490	NXPH4	0.522302	?	?	?	?	0.941254	-1.06235	0.600198	0.75	-1.33333	0.0001	0.72134	1.38595	0.12	0.54558	-1.83295	0.75	-1.24202	0.607226	0.4608	2.17075	2.17075	0.113792	2.17075	2.17075	0.113792	2.17075	2.17075	0.113792	0.970553	0.52102	0.10614	1
ap13601845	XRRA1;SPCS2	0.522305	0.556087	1.14856	1.14856	0.853312	0.43038	0.304816	3.28046	1.28046	1.28046	0.715926	1.08874	1.08874	0.727219	1.02283	1.02283	0.438937	0.832224	-1.2016	0.0627798	0.614425	-1.62754	0.932103	0.980371	-1.02002	0.409203	1.2708	1.2708	0.970541	0.831918	0.761929	1
ap07731751	CUX1;CUX1;CUX1	0.522306	0.594142	1.1361	1.1361	0.460268	0.784744	-1.27483	0.844599	0.84599	-1.17842	0.92653	0.9479	-1.05493	0.662599	0.929704	-1.0538	0.335687	0.7	-1.42857	0.2	0.459033	-2.17849	0.090301	0.314114	-3.18368	0.462656	0.340954	-2.93367	0.970553	1.15566	1.05848	1
ap05854193	FLOT2;DIHRS13	0.522317	0.942172	0.985485	-1.01473	0.596036	1.11385	1.11385	0.697252	1.08198	1.08198	0.511189	0.874326	-1.14374	0.188616	1.3241	1.3241	0.975915	1.0061	1.0061	0.833167	0.957919	-1.04393	0.376071	1.20091	1.20091	0.0535125	1.55576	1.55576	0.970521	0.624351	0.571835	1
ap11726586	SLC8A1;SLC8A1;SLC8A1;SLC8A1	0.522319	0.444314	0.571124	-1.74972	0.353393	0.604726	-1.65327	0.178127	0.353693	1.57639	0.576395	0.919636	-1.08764	0.660308	1.07688	1.07688	0.24121	0.415429	-2.40915	0.165097	0.344981	-2.89976	0.373908	0.926818	-1.07911	0.744882	0.796771	-1.25578	0.970518	7.58119	7.23812	1
ap13810967	FST14	0.522333	0.165709	0.663737	-1.49984	0.824774	1.05589	1.05589	0.260765	0.74342	1.74342	0.131941	0.840455	-1.19006	0.831939	0.803699	-1.24425	0.816939	0.847422	-1.18006	0.233596	0.803	1.24425	0.175729	1.48406	1.48406	0.104608	0.593052	1.59341	1.15941	0.970563	1.15566	1.05848	1
ap15827295	LYSMD1;SCNM1;LYSMD1;SCNM1	0.522338	0.123611	1.36063	1.36063	0.365228	1.18742	1.18742	0.270062	1.23622	1.23622	0.224296	1.2658	1.2658	0.607059	1.10052	1.10052	0.704002	0.931946	-1.07302	0.73221	0.936448	-1.06787	0.395216	1.17442	1.17442	0.149694	1.33002	1.33002	0.970485	0.524032	0.479973	1
ap10182175	KIAA0513	0.522343	0.801664	0.881232	-1.13474	0.615744	0.816276	-1.22496	0.515722	0.81676	-1.22496	0.808576	0.885233	-1.12957	0.613766	0.831746	-1.20234	0.464442	1.45353	1.45353	0.302004	0.921134	-1.08562	0.819139	0.944951	1.06051	0.479288	0.961485	-1.4364	0.970462	1.88701	1.65268	1
ap23952644	WASF3 RNF121;LOC101133315;RNF121;RNF12	0.522367	0.609176	1.09236	1.09236	0.835583	1.04842	1.04842	0.130123	1.45058	1.45058	0.634127	0.896657	-1.11525	0.559579	0.874384	-1.14366	0.748261	1.07601	1.07601	1.07601	1.50502	1.50502	0.204923	1.17613	1.17613	0.426053	0.831175	-1.20332	0.970434	0.795543	0.728694	1
ap13124842	1;RNF121	0.522372	0.641801	0.848087	-1.17912	0.377981	1.37459	1.37459	0.529969	1.25079	1.25079	0.619824	0.838705	-1.19231	0.240516	1.54064	1.54064	0.0680808	2.04572	2.04572	0.29628	1.4636	1.4636	0.769623	0.901865	-1.10881	0.946737	1.02378	1.02378	0.970426	1.90129	1.74154	1
ap12438771	CYP1P1;CYP1P1	0.522373	0.949021	1.01939	1.01939	0.481901	1.24426	1.24426	0.179501	1.54635	1.54635	0.676042	1.13711	1.13711	0.744732	1.10505	1.10505	0.18827	1.53149	1.53149	0.0617448	1.90269	1.90269	0.335751	1.35456	1.35456	0.798268	0.924682	-1.08145	0.970424	1.43665	1.31595	1
ap15928093	FZD10;FZD10	0.522376	0.799443	0.881555	-1.13466	0.780318	0.780318	-1.2003	0.536376	1.3499	1.3499	0.682896	0.842566	-1.18706	0.256756	0.979973	1.2125	0.504391	0.731419	-1.36748	0.7	0.504391	1.98345	0.504391	1.98345	0.504391	1.98345	0.504391	1.98345	0.504391	0.970423	0.72484	0.23784	0.299787	1
ap20706583	MAVS	0.522404	0.449498	0.767464	-1.30299	0.495322	0.788372	-1.26844	0.890548	1.04842	1.04842	0.0941821	1.88129	1.88129	0.612896	0.839274	-1.19151	0.551448	1.22991	1.22991	?	?	?	0.445121	0.765424	-1.30647	0.367928	0.727288	-1.37385	0.959839	1.59377	1.66045	1
ap04971349	FGF9	0.522409	0.389935	0.659779	-1.52493	0.233867	1.81797	1.81797	0.912142	1.0485	1.0485	0.329007	0.617246	-1.6201	0.619377	1.25938	1.25938	0.412394	1.49388	1.49388	?	?	?	0.445121	0.523817	-1.9028	0.474899	0.707932	-1.41257	0.959825	1.03937	1.32291	1
ap26699560	BMP3	0.522413	0.65012	0.749455	-1.3343	0.106038	1.04933	1.04933	0.988224	1.00857	1.00857	0.425155	0.597879	-1.67258	0.664933	1.31682	1.31682	0.490924	0.642812	-1.55566	0.779995	0.8379	-1.19346	0.423356	0.67608	1.67608	0.159578	2.58376	2.58376	0.970356	0.1303	5.61563	1
ap25709738	TTYH3	0.522418	0.307185	0.752582	-1.32876	0.405764	1.25698	1.25698	0.06800063	1.73253	1.73253	0.958986	1.01392	1.01392	0.482784	0.825471	-1.21143	0.629073	0.877326	-1.13983	0.546752	1.1782	1.1782	0.552383	1.17543	1.17543	0.668558	1.12278	1.12278	0.970353	1.11117	1.01789	1
ap25738530	THSD4	0.522421	0.960157	1.01711	1.01711	0.945414	1.32095	1.32095	0.0001	1.24568	1.24568	0.40734	0.632627	0.99149	-1.00734	0.62627	0.99149	0.464442	1.45353	1.45353	0.302004	0.921134	-1.08562	0.819139	0.944951	1.06051	0.479288	0.961485	-1.4364	0.970342	1.88701	1.65268	1
ap04437605	B3GNTL1	0.522428	0.172449	0.493982	-2.02437	0.705801	0.20224	0.20224	0.097753	0.413833	-2.41643	0.35933	0.632717	-1.58049	0.157612	0.480051	-2.08311	0.808022	0.929729	-1.07558	0.716796	1.19354	1.19354	0.59355	0.719153	-1.39052	0.863416	0.919779	-1.08722	0.97033	3.62479	3.32056	1
ap12049341	NAV1;NAV1	0.522431	0.115382	2.80204	2.80204	0.0742524	0.94432	1.12224	0.0151572	1.23676	1.23224	0.112695	2.80204	2.80204	0.434857	1.64553	1.64553	0.258458	2.16255	2.16255	0.125	0.27369	2.27369	0.0842344	0.158259	1.98256	0.113895	1.88463	1.88463	0.970346	0.98653	0.87966	1
ap18180733	HDAC11;HDAC11	0.522447	0.946042	0.971483	-1.02935	0.12282	2.04347	2.04347	0.376255	1.47423	1.47423	0.0632867	2.44195	2.44195	0.840613	1.08989	1.08989	0.690276	1.18674	1.18674	0.263256	1.6463	1.6463	0.823116	1.10043	1.10043	0.337091	1.5266	1.5266	0.970297	2.80785	2.57227	1
ap12739610	TRIM2;TRIM2;TRIM2	0.522448	0.479365	0.580954	-1.72131	0.0492207	0.183522	-5.44895	0.471206	0.547899	-1.70244	0.949061	1.04941	1.04941	0.312557	0.454317	-2.2011	0.324306	0.845409	-1.18286	0.940439	1.05806	1.05806	0.806144	1.20406	1.20406	0.375511	1.98758	1.98758	0.970295	8.76581	8.03037	1
ap22114424	HRNBP3	0.522454	0.237994	1.48155	1.48155	0.270458	0.780031	-1.28203	0.136376	1.3499	1.3499	0.682896	0.62526	-1.60026	0.0650138	0.742749	-1.3093	0.807072	0.912055	-1.09643	0.623318	0.717636	-1.39346	0.472097	0.753189	-1.33007	0.877416	1.10895	1.10895	0.970289	0.89764	0.81898	1
ap21787620	DRAM2;CEPT1;CEPT1	0.522452	0.376893	0.629322	-1.58901	0.530704	1.38314	1.38314	0.700919	1.21787	1.21787	0.738719	1.18646	1.18646	0.345136	1.64315	1.64315	0.0933902	2.56649	2.56649	0.320118	0.591729	-1.68996	0.60383	0.765391	-1.30652	0.591894	0.758515	-1.31837	0.970289	4.00865	3.67235	1
ap20680265	ATG2;ATG2	0.522453	0.701707	0.864233	-1.1571	0.539004	0.83629	-1.19576	0.917141	0.96145	-1.0401	0.591618	0.814374	-1.22794	0.364534	0.702282	-1.42373	0.930703	1.01353	1.01353	0.931076	1.31364	1.31364	0.0913479	1.64273	1.64273	0.174171	0.703029	0.864825	-1.1563	0.970271	2.8066	2.62377	1
ap04431140	CTDSPL;CTDSPL	0.522473	0.415539	0.699831	-1.42892	0.192757	1.80617	1.80617	0.237785	0.58838	-1.69958	0.148805	0.514738	-1.94274	0.904256	0.91266	-1.09562	0.356409	0.665762	-1.50204	0.594334	0.799105	-1.25128	0.730808	0.716019	1.16019	0.52518	0.758705

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg12251469	MPST;MPST;MPST;MPST	0.522919	0.555104	0.855536	-1.16886	1.82543	0.943893	-1.05944	0.15735	1.48477	1.48477	0.930317	1.02193	1.02193	0.819036	1.06173	0.678823	1.696874	-1.13498	1.05732554	1.75424	1.75424	0.493963	1.1991	1.1991	0.992906	0.997679	-1.02033	0.868444	1.04911	0.961899	1
cg05549170	TRNAP	0.522925	0.497861	0.806769	-1.23951	1.70826	1.12444	1.12444	0.08283668	1.82079	1.82079	0.536348	0.822534	-1.21575	0.714267	0.891605	-1.12157	0.975026	0.990281	-1.00981	0.167032	1.58347	1.58347	0.675105	0.878277	-1.13859	0.48244	1.24949	1.24949	0.969474	1.49472	1.13708	1
cg19408572	DGKQ;DGKQ	0.522941	0.761349	1.3968	1.3968	0.845211	0.806994	-1.23917	0.734474	0.688326	-1.4528	0.255975	0.22728	-3.67269	0.16376	0.195863	-5.10562	0.283825	2.91486	2.91486	0.296995	0.305374	-1.27467	0.942608	2.92322	2.92322	0.346534	0.345254	-2.89642	0.969446	18.4798	16.9442	1
cg04803956	INO5	0.522941	0.809463	1.15839	1.15839	0.178256	2.388218	2.388218	0.299564	1.537773	-1.92392	0.251947	0.07184	2.07184	0.263732	0.492084	-2.03216	0.283257	1.97107	1.97107	0.938284	0.959361	-1.04826	0.540268	1.45843	1.45843	0.864478	1.10057	1.10057	0.969445	5.68801	5.21537	1
cg10180127	NUMB;NUMB;NUMB;NUMB	0.522945	0.795103	1.22985	1.22985	0.083334	4.59024	4.59024	0.057548	5.53334	5.53334	0.919533	1.08365	1.08365	0.864952	1.14428	1.14428	0.7703	1.62607	1.62607	0.562159	1.59345	1.59345	0.961825	1.03878	1.03878	0.791117	0.809751	-1.23495	0.964439	9.70337	8.89713	1
cg16787483	SLITRK5	0.522955	0.462202	1.42258	1.42258	0.2287	1.81292	1.81292	0.404008	1.49502	1.49502	0.59726	1.28544	1.28544	0.434992	1.45517	1.45517	0.357983	1.56076	1.56076	0.597061	1.72016	1.72016	0.72016	0.749866	2.069	2.069	0.279975	1.6971	1.6971	0.969423	3.40522	3.12234	1
cg18173859	GP83;TL1	0.522965	0.49671	0.840081	-1.19036	0.409537	0.808171	-1.23736	0.618139	0.880819	-1.13531	0.213674	1.39186	1.39186	0.651922	0.891664	-1.1215	0.614414	1.13686	1.13686	0.0860323	1.61448	1.61448	0.588953	1.1477	1.1477	0.907796	0.971167	-1.02969	0.969405	0.978989	0.897676	1
cg14759804	C11orf84	0.522972	0.408493	0.855075	-1.16949	0.261278	1.2421	1.2421	0.503862	0.881948	-1.13385	0.81949	0.961763	-1.03976	0.512456	0.884238	-1.13092	0.446992	1.15451	1.15451	0.944812	1.0129	1.0129	0.615509	0.914884	-1.09303	0.887273	1.41857	1.41857	0.969393	0.526572	0.482843	1
cg20549224	LOC644538	0.522974	0.230085	1.295538	1.38366	0.133212	0.206486	-4.84295	0.840381	0.822654	-1.21558	0.798172	1.28154	1.28154	0.549426	0.466094	-2.14549	0.151772	0.226147	-4.4219	0.504785	0.519343	-1.92551	0.371337	2.43173	2.43173	0.891909	1.14067	1.14067	0.96339	14.3879	13.1911	1
cg09877593	ANKRD33B;ANKRD33B	0.522982	0.500729	0.785904	-1.27242	2.332901	0.643436	-1.55416	0.978029	1.00975	1.00975	0.667714	1.16443	1.16443	0.918513	1.03673	1.03673	0.791207	0.91071	-1.09804	0.501554	0.78628	-1.27181	0.43719	1.32231	1.32231	0.0731031	2.02301	2.02301	0.969375	1.9077	1.74931	1
cg23215014	ERAP1;ERAP1;ERAP1;ERAP1	0.522984	0.882037	-1.945301	1.06116	0.948008	0.925566	-1.78228	0.940808	0.975602	-1.02505	0.407233	0.755661	1.323167	0.802304	0.975492	-1.02529	0.270507	0.68754	-1.44734	0.19087	0.59117	-1.69156	0.591602	0.93124	-1.07383	0.55972	0.799752	-1.25022	0.969372	2.2027	2.01981	1
cg11889002	LYSMD2;LYSMD2;LYSMD2	0.522987	0.539192	1.17905	1.17905	0.61416	1.14418	1.14418	0.436211	1.23424	1.23424	0.527128	1.58503	1.58503	0.732749	0.913189	-1.09506	0.996008	1.00133	1.00133	0.047065	0.548681	-1.82255	0.871251	1.04091	1.04091	0.509204	1.19412	1.19412	0.969367	1.07769	0.988219	1
cg00203853	KIAA1949;KIAA1949	0.522999	0.346384	0.641181	-1.51245	0.236139	0.588458	-1.69936	0.977096	0.987812	-1.01234	0.782352	0.884442	-1.13057	0.206471	0.560205	-1.78507	0.807245	1.11055	1.11055	0.063133	0.490614	-2.4421	0.784581	1.12416	1.12416	0.409214	0.69529	-1.43825	0.969346	2.80091	2.56843	1
cg06492496	MGLL;MGLL;MGLL	0.523005	0.10057	1.60297	1.60297	0.924786	1.02508	1.02508	0.34965	1.28731	1.28731	0.902289	1.03274	1.03274	0.29557	1.32914	1.32914	0.771906	1.07923	1.07923	0.579737	1.15804	1.15804	0.0862496	1.64412	1.64412	0.219304	1.40336	1.40336	0.969337	1.05643	0.968757	1
cg10648139	NR92;NR92;NR92;NR92;NR92;NR92	0.523014	0.156114	0.868114	-5.35292	0.217997	0.238635	-4.1905	0.799747	0.754982	-1.32453	0.364935	0.357246	-2.79919	0.125558	0.159931	-6.25271	0.290112	2.970712	-3.36687	0.278956	0.28804	-3.47174	0.559023	1.92192	1.92192	0.772806	0.726094	-1.37723	0.969319	18.7686	17.2113	1
cg10881311	ST6GAL2;ST6GAL2;ST6GAL2	0.523016	0.595772	1.14566	1.14566	0.334972	0.751593	-1.27944	0.504778	0.845792	-1.18232	0.172627	1.43209	1.43209	0.767725	0.929313	-1.07604	0.975589	0.992457	-1.0076	0.110272	1.53832	1.53832	0.383448	1.24752	1.24752	0.995142	1.00151	1.00151	0.969317	0.940057	0.862656	1
cg26422465	WDR8	0.523042	0.290634	5.25701	5.25701	0.965926	1.06678	1.06678	0.751882	0.618796	-1.61604	0.70632	1.7733	1.7733	0.0991249	0.6648383	-15.423	0.801515	1.46402	1.46402	0.185976	0.84826	0.84826	0.490879	0.346828	-2.88328	0.710318	0.568589	-1.75874	0.969272	35.1547	32.2393	1
cg16579347	SLC35H1	0.523047	0.462027	0.824859	-1.21233	0.132034	0.658347	-1.51896	0.775539	1.02639	1.02639	0.267027	1.3463	1.3463	0.552608	1.16706	1.16706	0.750634	1.08545	1.08545	0.321571	1.29977	1.29977	0.187587	1.25569	1.25569	0.351566	1.27959	1.27959	0.969263	1.01515	0.950967	1
cg07600193	SLC6A18	0.523055	0.212113	0.877777	-1.13966	0.980539	0.98699	-1.01318	0.522243	0.705951	-1.41653	0.536002	0.714284	-1.4	0.0693468	0.3109339	-2.97673	0.444127	0.657791	-1.52024	0.103023	0.380379	-2.62895	0.79129	0.867274	-1.15304	0.465201	0.670534	-1.49135	0.96925	4.42404	4.05816	1
cg12894709	PURA	0.5206	0.936292	0.967429	-1.03367	0.106694	0.482107	-2.07423	0.604042	0.805165	-1.24198	0.544577	1.28919	1.28919	0.41646	0.708931	-1.41057	0.215401	1.71621	1.71621	0.495234	0.750623	-1.33223	0.553037	1.28219	1.28219	0.52443	1.30629	1.30629	0.969241	2.63375	2.41541	1
cg03178820	OSGEPL1	0.523068	0.507869	0.826046	-1.59224	0.415991	1.2526	1.2526	0.382502	1.85914	1.85914	0.539172	2.03122	2.03122	0.282747	0.643706	-2.16588	?	?	?	0.291114	1.31199	1.31199	0.864693	1.12535	1.12535	0.151131	2.90134	2.90134	0.968562	6.47029	6.77407	1
cg07434500	BACH1;BACH1	0.523081	0.581739	0.880148	-1.13617	0.450432	0.838231	-1.19299	0.727588	0.882288	-1.08355	0.953241	0.986634	-1.01355	0.128138	0.685625	-1.45852	0.220639	1.34378	1.34378	0.69387	1.09502	1.09502	0.544553	1.15112	1.15112	0.24881	1.31866	1.31866	0.969204	0.808276	0.741296	1
cg06538463	PDE4A	0.523083	0.805996	0.964792	-1.03662	0.416562	0.7301	1.37631	0.622488	1.18721	1.18721	0.670065	1.59348	1.59348	0.164442	0.715134	-1.39842	0.731184	1.07355	1.07355	0.063131	0.482004	-2.07487	0.597501	1.17037	1.17037	0.973868	1.00396	1.00396	0.970116	1.23718	1.23718	0.969208	0.968709	1
cg22990430	XKR4	0.523102	0.949311	1.02541	1.02541	0.153913	0.547395	-1.82683	0.740194	0.876901	-1.14038	0.884403	0.94419	-1.05911	0.0612495	0.4349353	2.2991	0.440781	1.36386	1.36386	0.762277	0.887135	-1.12722	0.677174	1.17971	1.17971	0.82264	1.09267	1.09267	0.969168	2.39182	2.1937	1
cg10118456	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.523103	0.619353	1.16772	1.16772	0.238245	1.465593	1.46593	0.940158	1.023562	1.02352	0.146154	0.616905	-1.62099	?	?	?	0.680476	0.876966	-1.1368	0.180679	1.55287	1.55287	0.663703	1.14506	1.14506	0.876996	0.953174	-1.04913	0.969208	1.29377	1.29377	0.969263	1.34964	1
cg13996397	DAZAP1;DAZAP1	0.523105	0.852058	1.094113	1.094113	0.62625	0.778116	1.284616	0.739533	0.872008	1.146729	0.704871	1.20092	1.20092	0.858078	0.945328	-1.0577	0.881667	1.07277	1.07277	0.442708	0.816267	1.22498	0.672036	0.984252	0.984252	0.99164	1.61881	1.61881	0.969472	0.948878	0.858775	1
cg24488885	ACTD4;GTF2F2 NEK6;NEK6;NEK6;NEK6;NEK6;NEK6;NEK6;NEK6	0.523117	0.454192	1.38168	1.38168	0.226678	0.583749	-1.71306	0.471929	0.733233	-1.36382	0.123671	0.493069	-2.02811	0.617394	0.807691	-1.2381	0.913146	1.04736	1.04736	0.360876	1.48932	1.48932	0.940199	1.03233	1.03233	0.260403	0.607865	-1.6451	0.969143	2.76025	2.53168	1
cg14556677	6	0.523118	0.53152	0.725656	-1.37806	0.494778	0.704137	-1.42018	0.0772367	0.570101	-1.75408	0.207301	-2.70196	0.501514	0.708106	-1.41222	0.915027	1.05853	1.05853	0.484175	1.43294	1.43294	0.710898	0.828303	-1.20729	0.407276	1.45013	0.45013	1.43988	0.969364	3.92954	3.60415	1
cg02264471	GPSM1	0.523128	0.369278	1.32306	1.32306	0.91128	1.03442	1.03442	0.233093	1.46169	1.46169	0.203455	1.50312	1.50312	0.390049	0.765365	-1.30657	0.280829	0.71154	-1.4054	0.262153	1.42614	1.42614	0.935647	0.975781	-1.02482	0.560729	1.19553	1.19553	0.969124	1.41475	1.29762	1
cg09003555	PYGM;PYGM	0.523183	0.83903	1.03701	1.03701	0.725258	0.941211	1.063159	0.813939	1.19339	1.19339	0.623129	1.07001	1.07001	0.0263	1.560205	-1.56205	0.500314	1.1316	1.1316	0.0197064	1.07247	1.07247	0.676381	1.07802	1.07802	0.960121	0.490956	0.450311	0.969355	0.450311	0.415031	1
cg09200855	SLC35A2;SLC35A2;SLC35A2	0.52313	0.61088	0.642829	-1.55562	0.389546	2.13677	2.13677	0.637353	1.50514	1.50514	0.0430777	7.42118	7.42118	0.892838	0.8299992	-1.20483	0.859516	0.858512	-1.16481	0.890774	0.888414	-1.1256	0.253897	2.78985	2.78985	0.976885	1.02327	1.02327	0.96912	11.3815	10.4392	1
cg01737421	PORCN;PORCN;PORCN;PORCN;PORCN	0.52314	?	?	?	0.275724	0.139242	-7.18175	0.99032	0.979251	-1.02119	0.159456	13.8071	13.8071	0.157309	14.0259	14.0259	0.714327	0.529508	-1.88854	0.663513	2.13245	2.13245	0.655338	0.459682	-2.17542	0.675319	2.07234	2.07234	0.969093	39.8916	36.0186	1
cg10508295	LOC91149;RAPGEF4	0.523149	0.15462	0.458418	-2.18142	0.629452	1.28261	1.28261	0.468652	0.685594	-1.45859	0.508915	0.709608	-1.40923	0.257187	0.545859	-1.83197	0.529494	0.721725	-1.38557	0.182105	2.0648	2.0648	0.611609	1.29964	1.29964	0.888102	1.07474	1.07474	0.969088	4.02268	3.68977	1
cg03937717	SEPT7;SEPT7	0.523149	0.191808	1.98292	1.98292	0.110466	0.615562	1.63944	0.143944	0.601749	1.66293	0.132051	0.776276	1.288162	0.0760655	0.598248	-1.67138	0.711594	1.40528	1.40528	0.0556357	0.481398	-2.07703	0.422612	1.26182	1.26182	0.0398308	0.792496	0.792496	0.969443	0.908308	0.840826	1
cg08782677	GPR50	0.523153	0.207616	0.270062	-3.70285	0.898985	1.132	1.132	0.959413	1.05142	1.05142	0.188919	3.94029	3.94029	0.810366	0.789123	-1.26723	0.0921471	0.160980	-6.21159	0.813873	0.792666	-1.26157	0.774711	1.32674	1.32674	0.714745	1.43568	1.43568	0.96908	14.8971	13.6643	1
cg09985598	VPS4A	0.523164	0.387354	0.671107	-1.49005	0.339373	0.971494	-1.02934	0.511556	0.880903	-1.13525	0.160297	0.80903	-1.23592	0.0560997	0.515858	-1.93862	0.191906	0.608291	-1.64395	0.497285	1.2815	1.2815	0.466205	0.742958	1.34681	0.979212	1.05625	1.05625	0.96863	1.68571	1.62298	1
cg18559348	MYBPC2	0.523168	0.07506699	0.512009	-1.95309	0.670241	0.858524	-1.15564	0.611832	0.841288	-1.18865	0.16294	0.604739	-1.65361	0.396294	0.74576	-1.34091	0.632853	1.84988	-1.17649	0.246245	0.66398	-1.50607	0.130239	0.575839	-1.7366	0.53913	0.810603	-1.23365	0.969056	1.75301	1.60552	1
cg01383440	TMCO3	0.523171	0.469109	0.548649	-1.82266	0.718614	1.34299	1.34299	0.258856	2.61203	2.61203	0.640687	0.681732	-1.46685	0.0954476	0.224719	-4.45	0.202089	0.331994	-3.0121	0.596346	0.646829	-1.546	0.487745	0.562941	-1.77639	0.566993	0.623983	-1.60261	0.969051	10.195	9.35168	1
cg25171685	TPM1;TPM1;TPM1;TPM1;TPM1;TPM1	0.523173	0.664391	1.15126	1.15126	0.935435	0.971494	-1.02934	0.511556	1.24035	1.24035	0.24014	1.63658	1.63658	0.603928	1.25852	-1.53894	0.76476	1.12266	1.12266	0.518959	0.767185	-1.30381	0.679712	1.05625	1.05625	0.96863	1.68571	1.62298	1
cg17383272	MYH11;MYH14;MYH14	0.523178	0.28877	0.643439	-1.559	0.916062	0.95838	-1.04343	0.38348	0.697435	-1.43383	0.424731	0.719852	-1.38917	0.254322	0.61881	-1.616	0.258921	0.621923	-1.60792	0.182442	0.565191	-1.76931	0.284515	0.638724	-1.56562	0.073214	0.446988	-2.2372	0.969038	2.40534	2.28895	1
cg17687493	SLC39F1	0.523184	0.250318	1.847497	1.847497	0.0615	1.2656	1.2656	0.386209	1.31164	1.31164	0.0760853	1.28892	1.28892	0.0441004	1.77966	-1.77966	0.613259	1.3934	1.3934	0.268093	1.49744	1.49744	0.0984147	1.42805	1.42805	0.0837759	1.19366	1.19366	0.969053	1.0615	0.948878	1
cg00137745	C9orf79;C9orf79;C9orf79	0.523188	0.841373	0.957775	-1.04409	0.122326	1.434406	1.43406	0.533452	0.827725	-1.14584	0.805947	1.05442	1.05442	0.270413	1.28026	1.28026	0.558209	0.880309	-1.13597	0.212518	1.3267	1.3267	0.613323	0.895531	-1.11666	0.457257	0.849602	-1.17702	0.969022	0.711389	0.652561	1
cg21276353	RASA3	0.523192	0.811015	1.07708	1.07708	0.269942	1.371437	1.371437	0.126053	0.602445	-1.66004	0.0955104	0.747852	-1.33716	0.0476549	0.552354	1.70358	0.724327	0.901517	-1.10979	0.521864	0.816267	1.22498	0.672036	0.984252	0.984252	0.99164	1.61881	1.61881	0.969404	1.25137	1.1479	1
cg16366607	CBX8;CBX8	0.523196	0.703415	1.38964	1.38964	0.189498	1.01423	1.01423	0.527847	0.575734	-1.7315	0.192453	0.776503	1.287763	0.0693107	0.489749	-2.04049	0.21076	1.03917	1.03917	0.729566	0.741903	1.34784	0.34204	1.12124	1.12124	0.430272	1.19882	1.19882	0.969107	1.35968	1.40178	1
cg05383524	MGRN1;MGRN1;MGRN1;MGRN1	0.523208	0.808941	0.857873	-1.16567	0.0929664	3.22093	3.22093	0.115802	2.94989	2.94989	0.294961	1.98843	1.98843	0.808896	0.857842	-1.16572	0.234549	2.20019	2.20019	0.731071	1.24401	1.24401	0.728772	1.24645	1.24645	0.986908	0.98967	-1.01044	0.968987	6.14607	5.53803	1
cg06479433	ANKAR	0.523214	0.990938	1.1355	1.1355	0.0747125	0.58298	1.182098	0.0979904	0.76548	1.6147	0.41547	0.761988	1.377417	-1.28161	0.0778354	1.87483	0.724507	1.13816	1.13816	0.0197064	1.07247	1.07247	0.676381	1.07802	1.07802	0.960121	0.490956	0.450311	0.969376	0.450311	0.415031	1
cg17547524	DOCK11	0.523216	0.117522	0.112679	-8.87478	0.589323	0.493405	-2.02673	0.780637	0.6987	-1.43123	0.264535	4.45243	4.45243	0.924388	0.885228	-1.12965	0.142013	0.131681	-7.5941	0.811843	0.736195	-1.35834	0.437303	0.361466	-2.76651	0.60882	1.94036	1.94036	0.968973	25.3104	23.2185	1
cg01103019	DAZAP1;DAZAP1;DAZAP1;DAZAP1	0.523226	0.654651	0.867635	-1.15252	0.0923047	0.792252	1.26253	0.455937	0.815247	-1.22662	0.759922	0.869691	-1.14983	0.587064	0.992642	-1.00741	0.048159	0.486921	-2.05397	0.962019	0.9851	-1.01513	0.919144	1.12055	1.12055	0.799003	1.15194	1.15194	0.969155	1.13914	1.3991	1
cg11733958	MPRIP;MPRIP	0.523228	0.542551	1.24417	1.24417	0.0985253	2.2825	2.2825	0.165937	0.815247	-1.22662	0.759922	0.869691	-1.14983	0.587064	0.992642	-1.00741	1.148542	2.02602	2.02602	0.360444	1.88058	1.88058	0.444952	1.42576	1.42576	0.458568	1.4103	1.4103	0.968353	1.83426	2.02114	1
cg13549710	C4	0.523229	0.867952	1.04912	1.04912	0.269376	1.39301	1.39301	0.994627	1.00194	1.00194	0.790234	0.926047	-1.07986	0.853932	1.05455	1.05455	0.538348	0.838657	-1.19666	0.042274	0.509598	-1.96233	0.555314	0.842045	-1.18759	0.098025	0.999287	-1.00071	0.968951	1.27443	1.16913	1
cg08408976	SRRM2	0.523231	0.309165	1.26491	1.26491	0.293036	0.783834	-1.27578	0.240075	1.31608	1.31608	0.26674	1.29481	1.29481	0.371893	0.814889	-1.22716	0.965819	0.990478	-1.00961	0.292788	1.27595	1.27595	0.674949	0.910124	-1.09875	0.687056	0.913542	-1.09464	0.968946	0.765074	0.701861	1
cg14504291	SLIT3	0.523246	0.354584	1.16098	1.16098	0.448995	0.892516	-1.12043	0.138298	0.770203	-1.2953	0.868821	1.00636	1.00636	0.994094	1.003207	1.00327	1.014882	1.12332	1.12332	0.0180126	1.28322	1.28322	0.472822	0.888346	-1.12569	0.97148	1.00581	1.00581	0.968918	0.40344	0.370117	1
cg00903099	HTR5A	0.52325	0.910769	0.973078	-1.02767	0.958449	1.00127	1.00127	0.107879	1.53279	1.53279	0.546288	1.16026	1.16026	0.140326	0.679644	-1.47136	0.804446	0.941395	-1.06225	0.583914	0.874028	-1.14413	0.328001	1.27864	1.27864	0.855691	-1.04531	0.968914	0.909423	0.834312	1
cg10607320	NUP62;NUP62;IL4I1;NUP62;NUP62	0.523264	0.411561	1.35401	1.35401	0.258868	0.65364	-1.52989	0.935395	1.0297	1.0297	0.145151	1.75895	1.75895	0.307182	1.46457	1.46457	0.380231	1.38388	1.38388	0.640509	1.18502	1.18502	0.611477	0.831184	-1.2031	0.404841	0.735177	-1.36022	0.968889	1.99924	1.83417	1
cg27612126	STK32B	0.523283	0.505433	1.95451	1.95451	0.0520043	1.82186	1.82186	0.25086	1.96642	1.96642	0.0153718	1.81227	1.81227	0.0776376	0.512703	-1.95085	0.756636	1.36144	1.36144	0.18441	1.42453	1.42453	0.0492064	2.00239	2.00239	0.264592	1.31547	1.31547	0.968883	1.15103	1.18688	1
cg18168751	SLC26A1	0.523274	0.7841	1.06108	1.06108	0.862972	0.963394	-1.038	0.109377	0.686022	-1.45768	0.296283	0.791531	-1.26337	0.733857	1.07645	1.07645	0.148167	0.71543	-1.39776	0.346868	1.23258	1.23258	0.869237	1.03621	1.03621	0.753758	0.934323	-1.07029	0.968874	0.715113	0.656078	1
cg16367085	RUNX1;RUNX1;RUNX1;RUNX1;RUNX1	0.523278	0.445844	1.26491	1.26491	0.293036	0.783834	-1.27578	0.240075	1.31608	1.31608	0.26674	1.29481	1.29481	0.371893	0.814889	-1.22716	0.965819	0.990478	-1.00961	0.292788	1.27595	1.27595	0.674949	0.910124	-1.09875	0.687056	0.913542	-1.09464	0.968946	0.765074	0.701861	1
cg09163801	PMS2L3	0.523285	0.413463	0.853519	-1.17162	0.215737	1.27995	1.27995	0.834743	1.04037	1.04037	0.518905	1.13188	1.13188	0.421919	1.16814	1.16814	0.301294	0.816369	-1.22494	0.138261	0.73909	-1.35302	0.675053	0.923233	-1.08315	0.955843	1.01055	1.01055	0.968854	0.550688	0.505237	1
cg10400174	MIR494	0.523289	0.320812	0.416997	-2.3981	0.585797	1.59873	0.469455	0.87299	1.87299	0.960603	0.904238	-1.1059	0.149588	0.267819	-3.73387	0.571819	0.614361	-1.62771	0.193571	0.25776	-3.87934	0.846592	0.847757	-1.17958	0.230821	0.342278	-2.92075	0.968847	11.1569	10.2361	1
cg10728271	GNA11	0.523306	0.259483	1.77791	1.77791	0.176937	0.426039	2.346573	0.138073	0.672511	1.48725	0.354535	0.19955	5.011275	0.0658489	0.332147	-3.01111	0.781645	0.802718	-1.24611	0.31588	1.61125	1.61125	0.888906	0.93773	-1.0664	0.564559	1.32974	1.32974	0.968817	2.3467	2.07985	1
cg02783477	MYO5A;MYO5A;MYO5A;MYO5A	0.52331	0.360444	0.895745	-1.11639	0.928416	0.101058	1.010058	0.132464	1.20939	1.20939	0.150356	0.834819	-1.19786	0.82979	0.975105	-1.02553	0.911219	1.01315	1.01315	0.653806	1.05429	1.05429	0.877933	0.982162	-1.01836	0.291838	1.13664	1.13664	0.968812	0.210417	0.193059	1
cg16094321	KIRREL3;KIRREL3	0.523322	0.561504	0.685808	-1.45823	0.144991	1.73044	1.73044	0.0907315	1.32681	1.32681	0.0546403	1.66134	1.66134	0.0623777	0.602681	-1.65988	0.832909	0.872648	-1.14594	0.318153	1.09828	1.09828	0.911047	0.941791	0.941791	0.941791	0.93288	0.87572	1.14241	0.968781	0.83187	0.81057	1
cg06235575	MYT1;MYT1	0.523324	0.904034	0.954635	-1.04752	0.864805	1.06779	1.06779	0.519485	1.28575	1.28575	0.674239	1.17671	1.17671	0.424207	0.73

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cg21272753	FLRT2	0.524681	0.712913	0.826627	0.212858	0.8054213	0.310808	-1.0229	0.311093	0.570867	-1.75172	0.540039	0.39353	1.398353	0.583359	0.743564	-1.34487		0.879769	1.04834	1.08434	0.970632	0.9805	-1.01989	0.723895	1.20892	1.20892	0.292535	1.793146	1.793146	0.866448	4.37977	4.02829	1
cg13649400	FAM120C	0.524689	0.24444	0.217222	-4.60358	0.177589	0.165867	-6.02894	0.755381	0.675791	-1.47975	0.195459	0.56674	5.56674	0.564954	2.07401	2.07401		0.297233	0.257937	-3.87692	0.420278	0.35762	-2.79626	0.976912	1.03695	1.03695	0.813736	1.3444	1.3444	0.96644	24.0649	22.1338	1
cg17385708	SS18L1	0.524695	0.878203	1.14016	1.14016	0.562273	0.605859	-1.65055	0.708833	1.37828	1.37828	0.418225	2.02893	2.02893	0.045107	1.039966	-7.14458		0.371507	2.19198	2.19198	0.839148	0.840436	-1.18986	0.896051	1.11829	1.11829	0.916917	0.914618	-1.09335	0.96643	11.1971	10.2987	1
cg15082645	UNC119B	0.524697	0.502545	1.32386	1.32386	0.928002	0.963424	-1.03796	0.730506	0.867139	-1.15322	?	0.963424	0.698284	0.851635	-1.17421			0.252706	1.63651	1.63651	0.067877	0.403569	-2.32359	0.627115	0.83723	-1.12365	0.839331	0.919709	-1.0873	0.955815	2.28728	2.39301	1
cg01273344	ZNF69	0.5247	0.166532	0.46976	-2.12875	0.894914	0.900543	-1.07003	0.803919	1.13182	1.13182	0.904961	1.06309	1.06309	0.047225	0.361909	-2.76312		0.914793	1.05635	1.05635	0.308816	0.715414	1.71514	0.667477	1.24779	1.24779	0.900459	0.941567	1.06206	0.906422	4.0155	3.69335	1
cg03639240	GABBR1;GABBR1	0.524707	0.57294	0.824142	-1.23138	0.140278	0.583499	-1.7538	0.820171	0.925601	-1.08038	0.804098	0.08805	1.088205	0.091658	0.532266	-1.87976		0.373817	0.732464	-1.36525	0.128515	0.572451	-1.74868	0.921369	0.967031	-1.03409	0.727566	0.888031	-1.12609	0.96641	1.76458	1.62303	1
cg12259892	CPLX4	0.524714	0.317044	0.380057	-2.63118	0.980478	0.977374	-1.02315	0.329666	0.390275	-2.56232	0.376429	0.427854	-2.33724	0.75177	0.74319	-1.34555		0.174996	0.259445	-3.85438	0.0606725	0.138331	-7.22903	0.915679	1.10413	1.10413	0.293078	0.360536	-2.77365	0.966398	13.3899	12.316	1
cg16490124	SNORA14B;TOMM20	0.524715	0.148033	0.13043	-13.5041	0.991936	0.991936	-1.00816	0.633822	1.257242	-1.88739	0.144331	0.0699487	-14.2962	0.668993	0.482146	-2.07406		0.756644	0.590217	1.69429	0.511525	1.09377	1.09377	0.527838	2.95928	2.95928	0.387473	0.232569	-4.49299	0.966394	44.0362	40.5045	1
cg00946535	RECQL5;UDCK63008;LOC643008	0.524722	0.818936	0.872111	1.14666	0.770205	1.23308	1.233304	0.248597	2.05394	2.05394	0.943172	0.958347	-1.04546	0.257564	0.501946	1.99225		0.903812	1.07482	1.07482	0.324234	1.83597	1.83597	0.714204	1.24546	1.24546	0.940985	0.956137	-1.04588	0.968384	5.45114	5.01401	1
cg26929894	ERBB3;ERBB3	0.524731	0.165664	0.566831	-1.76419	0.0922204	0.490845	-2.0373	0.149633	0.552577	-1.8097	0.32814	0.678712	-1.47338	0.310107	0.668128	-1.49672		0.496185	0.766975	-1.30382	0.228288	0.615369	-1.62504	0.408981	0.723067	-1.383	0.503291	0.770427	-1.29798	0.966369	2.25644	2.07553	1
cg00795616	C7orf28B	0.524733	0.0950105	0.72084	-1.38705	0.0722984	0.0615	-1.62504	0.0833744	0.831794	1.16889	-1.16889	0.133465	2.32551	0.653148	1.449227	-1.44922		0.161831	1.54574	-1.54576	0.494403	1.79955	-1.79955	0.650075	1.42352	-1.47162	0.357884	0.145401	6.145021	0.966365	10.9533	10.0751	1
cg19241916	SLC16A2	0.524737	0.279946	0.583135	-1.85827	0.471319	1.49818	1.498181	0.0814495	2.865962	2.865962	0.469713	1.2559	1.2559	0.0139451	1.529051			0.279125	0.53752	-1.86039	0.968335	1.02214	1.02214	0.847506	1.11206	1.11206	0.896127	1.07472	1.07472	0.963558	4.65826	4.28482	1
cg19183594	KLHL28;FAM179B	0.524739	0.872358	0.952758	-1.04961	0.658924	1.14406	1.144061	0.546553	1.201914	1.201914	0.814685	0.931752	-1.07325	0.266726	0.722005	-1.38503		0.241006	0.702932	-1.42261	0.0514798	0.513009	-1.94928	0.669644	0.87879	-1.13793	0.921187	1.030214	1.030214	0.962355	1.38727	1.27606	1
cg06446824	MME;L1	0.524742	0.732697	1.080514	-1.10925	0.156864	1.158078	1.158078	0.522297	0.821916	-1.21666	0.974757	0.960746	1.020962	0.265654	0.708525	-1.4202		0.228303	0.682217	-1.46581	0.196721	0.66181	-1.51103	0.784816	0.8863	1.0863	0.798822	1.0803	1.0803	0.966576	1.39979	1.28758	1
cg09630071	RNF40;C16orf93	0.524747	0.445588	1.25101	1.25101	0.785353	1.0818	1.0818	0.101511	1.667594	1.67094	0.761642	0.916109	-1.09157	0.376479	0.769778	-1.29874	0.195441	0.674109	-1.48344	0.607889	0.861523	-1.16074	0.66271	1.13474	1.13474	0.963462	1.269555	1.16779	1
cg04716990	MAC30;0	0.524757	0.384237	1.85812	1.85812	0.429833	0.571394	-1.75011	0.753311	1.245246	1.245246	0.608876	0.897732	-1.43106	0.781253	1.1328	1.1328	1.21528							0.472625	0.604632	0.611673	1.32622	1.32622	0.836293	1.61961	1.61961	0.99028		1
cg20117402	HLTF;HLTF	0.524752	0.786509	1.05101	1.05101	0.938572	1.01423	1.01423	0.678974	0.926566	-1.07925	0.804737	0.95562	-1.04644	0.74244	0.941355	-1.0623		0.482493	0.877382	-1.13976	0.0358863	1.5642	1.5642	0.515231	0.886101	-1.12854	0.824665	1.0415	1.0415	0.966333	0.514022	0.472827	1
cg23599559	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1I;CACNA1I;CACNA1I

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cg04736051	CDK15	0.525240	0.227932	1.226307	-0.41879	0.655151	0.589918	-1.69515	0.495816	2.25224	2.25224	0.111502	7.6534	7.6534	0.987095	0.981191	-1.03917	0.191634	0.197312	-5.06812	0.711944	0.646984	-1.54563	0.902519	0.866011	-1.15472	0.830873	1.28546	1.28546	0.98617	21.0705	19.4052	1
cg12729397	EFCAB6;EFCAB6	0.525435	0.383703	1.7596	1.7596	0.416864	0.591604	-1.69032	0.908638	0.929940	-1.07533	0.656056	1.32788	1.32788	0.604169	0.30135	-3.3184	0.310872	0.515134	-1.94124	0.742669	1.23174	1.23174	0.449193	1.62886	1.62886	0.592435	1.40755	1.40755	0.61651	6.17791	5.63444	1
cg20008101	LGALS3	0.525436	0.962523	0.986099	-1.0141	0.331518	0.741946	-1.34781	0.384909	0.766901	-1.30395	0.145745	0.627938	-1.59251	0.42323	1.27594	1.27594	0.37381	0.761872	-1.31256	0.679241	1.13187	1.13187	0.500674	0.815756	-1.22586	0.132469	0.616527	-1.62199	0.965516	1.3567	1.24949	1
cg05247661	LIM1	0.525442	0.932841	1.039131	1.06251	0.200784	0.518347	-1.85754	0.76614	1.14648	1.14648	0.458894	1.43154	1.43154	0.186571	0.526497	-1.89966	0.754725	1.865972	-1.15457	0.888783	1.06623	1.06623	0.213937	1.77157	1.77157	0.255082	1.580102	-1.72383	0.965158	3.210949	2.95679	1
cg06076323	ARHGEF10	0.525437	0.776367	1.15283	1.15283	0.846843	1.10138	1.10138	0.501779	0.711448	-1.40558	0.489265	1.4202	1.4202	0.383408	1.56261	1.56261	0.240268	1.84784	1.84784	0.085156	0.386489	-2.5874	0.57828	1.32371	1.32371	0.785797	0.872806	-1.14753	0.965157	3.81222	3.51097	1
cg01005316	LOC387763	0.525444	0.831392	1.02135	1.02135	0.752765	1.0318	1.0318	0.173148	1.2313	1.13244	1.13244	0.559311	1.06078	1.06078	0.319197	0.903053	-1.10735	1.03091	1.17531	1.17531	1.118123	1.18303	1.18303	0.716135	1.03684	1.03684	0.631608	1.04902	1.04902	0.965145	0.149994	0.138143	1
cg21679810	MEPCE;ZCWPW1	0.525464	0.573971	1.19949	1.19949	0.57617	1.19821	1.19821	0.527544	0.814679	-1.22748	0.966496	1.01354	1.01354	0.311681	1.39813	1.39813	0.422338	0.769082	-1.30025	0.0808663	0.538032	-1.85863	0.710992	1.12656	1.12656	0.434029	1.29125	1.29125	0.965112	1.5672	1.44343	1
cg04666029	KCNQ1;KCNQ1	0.525467	0.748981	0.933734	-1.07097	0.159815	1.17352	1.17352	0.291177	0.791423	-1.26355	0.543791	0.870154	-1.14013	0.855858	0.961951	-1.0396	0.671521	0.912875	-1.09544	0.163668	0.709685	-1.40907	0.903546	0.790454	-1.26557	0.71376	1.08186	1.08186	0.965107	0.697164	0.642106	1
cg00036746	C14orf37	0.525471	0.635183	1.11252	1.11252	0.581655	1.864028	-1.15737	0.761918	1.46252	-1.16942	0.06785	0.243303	1.31307	1.31307	0.551754	0.874111	-1.14376	0.252235	0.765814	-1.3058	0.3208	0.708452	-1.25715	0.253683	0.766492	-1.30465	0.975089	0.760718	0.700647	1
cg12894649	BTBD3	0.525472	0.971039	0.980109	-1.02029	0.776123	0.853981	-1.17099	0.398205	1.61659	1.61659	0.471743	1.50105	1.50105	0.393174	1.62874	1.62874	0.323859	0.567414	-1.76238	0.270305	1.89489	1.89489	0.0867568	2.89577	2.89577	0.513321	1.44434	1.44434	0.975513	4.63212	3.69319	1
cg00660765	FBXO48	0.525475	0.513719	0.929617	-1.07566	0.774487	0.183132	-2.46056	0.239122	0.948832	-2.86671	0.07981	0.177487	1.77487	0.963604	0.997	-1.00375	0.433011	0.504838	-1.98083	0.810065	1.22838	1.22838	0.625912	1.22838	1.22838	0.524659	1.73455	1.73455	0.965092	11.1549	10.2741	1
cg04858987	SH3BP5;SH3BP5	0.52548	0.358267	0.764526	-1.308	0.708209	0.898655	-1.11277	0.611841	0.864637	-1.15655	0.146687	0.642281	-1.55695	0.606198	0.862607	-1.15928	0.883029	1.04273	1.04273	0.481294	1.22562	1.22562	0.817302	1.06798	1.06798	0.071242	1.564016	1.773	0.965083	1.2347	1.13722	1
cg04502814	SEPP1;SEPP1;SEPP1;SEPP1;SEPP1;SEPP1	0.525481	0.902003	0.894004	-1.11856	0.143044	0.236943	-4.22043	0.186755	0.28	-3.57143	0.952451	0.947205	-1.05574	0.995745	0.995162	-1.00486	0.824598	1.22373	1.22373	0.459671	1.98329	1.98329	0.172836	3.74159	3.74159	0.702848	1.41712	1.41712	0.965083	12.6457	11.6473	1
cg01870247	DNMT3B;DNMT3B;DNMT3B	0.525482	0.320629	0.737117	-1.35627	0.59139	0.851355	-1.1746	0.831898	0.938827	-1.06516	0.590184	0.850901	-1.17523	0.688094	0.887064	-1.12731	0.952846	0.982593	-1.01772	0.0487357	1.951121	1.95121	0.770862	0.91693	-1.0906	0.563594	1.18932	1.18932	0.90568	1.34789	1.24148	1
cg18628646	STOX2	0.525485	0.695371	1.094561	-1.27535	0.324264	0.524369	-1.90705	0.103951	2.9995	2.9995	0.560207	1.43899	1.43899	0.421783	0.602288	-1.66033	0.719079	0.812611	-1.2306	0.45234	0.623105	-1.60488	0.558101	0.693542	-1.44187	0.959163	1.79056	1.79056	0.965077	5.83467	5.37406	1
cg18608017	CDH23;CDH23	0.525495	0.87125	1.1077	1.1077	0.6656468	1.67954	1.67954	0.336151	1.86902	1.86902	0.923204	1.06269	1.06269	0.396242	1.72956	1.72956	0.519414	1.50962	1.50962	0.321148	1.90866	1.90866	0.427409	0.5998898	-1.66695	0.273583	2.05138	2.05138	0.965058	6.07846	5.59871	1
cg27535237	MAGED1;MAGED1;MAGED1	0.525511	?	?	?	?	0.510983	2.12852	2.12852	0.59369	1.90199	1.90199	0.159564	6.11642	6.11642	0.883985	1.19023	1.19023	0.648841	0.57771	-1.73097	?	?	?	?	?	0.250513	0.236524	4.22789	0.943156	13.7184	17.1513	?
cg25330514	C12orf34;C12orf34	0.525523	0.282658	0.827507	-1.20845	0.775511	0.824977	-1.21215	0.763168	0.950718	-1.05184	0.13884	1.27014	1.27014	0.625233	1.08833	1.08833	0.742159	1.05759	1.05759	0.36778	0.854786	-1.16988	0.443725	0.875958	-1.14161	0.339651	1.18165	1.18165	0.965011	0.439625	0.404947	1
cg17267681	STK32C	0.525527	0.452295	1.27903	1.27903	0.216354	1.51913	1.51913	0.121508	0.583009	-1.71524	0.676495	0.873832	-1.14438	0.754763	0.904195	-1.10596	0.793683	1.08789	1.08789	0.447049	1.28284	1.28284	0.364012	1.34961	1.34961	0.494842	0.800285	-1.24955	0.965004	1.57879	1.45426	1
cg05269432	IGSF11;IGSF11	0.525539	0.953093	1.01842	1.01842	0.284253	1.40114	1.40114	0.415908	1.29429	1.29429	0.704555	1.12502	1.12502	0.368751	1.33161	1.33161	0.437715	1.27837	1.27837	0.0400659	2.02485	2.02485	0.206319	1.46559	1.46559	0.140559	2.011976	1.50363	1.50363	0.964983	1.4709	1.35491	1
cg06123714	PTPRLP;TPRU	0.52554	0.614266	0.906536	-1.1031	0.771774	0.945391	-1.05776	0.506448	1.13901	1.13901	0.718789	0.932564	-1.07231	0.18072	1.31577	1.31577	0.106401	0.711463	-1.40555	0.324318	0.821155	-1.2178	0.575415	1.11546	1.11546	0.940137	1.01461	1.01461	0.96498	0.569779	0.524851	1
cg15841434	PORCN;PORCN;PORCN;PORCN;PORCN	0.52555	0.220567	0.311023	-3.2152	0.900805	0.893081	-1.11972	0.856022	0.84815	-1.17904	0.20397	3.37278	3.37278	0.322965	2.52383	2.52383	0.121396	0.218093	-4.58519	0.880068	0.872045	-1.14673	0.985577	1.01653	1.01653	0.942939	1.06707	1.06707	0.964964	12.5672	11.5764	1
cg17414873	SDF4;SDF4	0.525562	0.964594	0.969353	-1.03162	0.120298	3.25976	3.25976	0.203201	2.56482	2.56482	0.796239	1.19896	1.19896	0.238679	0.420897	-2.37588	0.707113	0.767440	-1.30302	0.784181	1.21229	1.21229	0.290802	0.539849	-1.85237	0.709765	0.769396	-1.29972	0.964944	7.51466	6.92237	1
cg05901802	MRPS26	0.525566	0.977537	1.00953	1.00953	0.947284	0.971827	1.02879	0.844555	1.11147	1.11147	0.777539	1.46744	1.46744	0.407373	0.681622	-1.46703	0.955162	1.011497	1.01193	0.936944	0.947389	0.936944	-1.0673	0.949335	1.05393	1.01193	0.966018	0.99172	-1.00835	0.964497	0.535374	0.493209	1
cg02114728	STK39	0.525573	0.158433	0.706055	-1.41632	0.648501	0.111193	1.11193	0.975483	1.00712	1.00712	0.462386	1.18852	1.18852	0.407467	1.21606	1.21606	0.65933	1.10785	1.10785	1.18532	0.723053	-1.38302	0.948419	1.01505	1.01505	0.249409	1.32037	1.32037	0.964924	0.814497	0.750315	1
cg06082897	CAMTA1	0.525574	0.150933	0.719212	-1.39235	0.592754	0.125552	1.12552	0.533586	0.866549	-1.15454	0.804209	0.844218	-1.18453	0.647183	0.837098	-1.19462	0.784419	1.06074	1.06074	0.280405	0.818366	-1.22186	0.704164	1.1245	1.1245	0.198865	1.1245	1.1245	0.96483	0.706668	0.650984	1
cg18051461	HIC1	0.525577	0.989272	0.994243	-1.00579	0.623102	0.808405	-1.237	0.41445	0.698913	-1.43079	0.708121	0.85087	-1.17527	0.621376	0.807522	-1.23836	0.786417	1.1237	1.1237	0.61831	0.80598	-1.24073	0.0246318	0.316892	-1.35565	0.570354	0.783071	-1.27702	0.964917	2.81798	2.59594	1
cg20688157	NOTCH3	0.525579	0.204275	1.35567	1.35567	0.160851	1.40615	1.40615	?	?	?	?	?	0.851076	1.04326	1.04326	0.989458	1.00298	1.00298	0.228357	1.33234	1.33234	0.462986	1.18382	1.18382	0.940011	0.983188	-1.0171	0.324897	0.794429	-1.25877	0.964614	0.674607	0.611935	1
cg20108252	KCD	0.525627	0.639703	1.04586	1.04586	-1.18223	0.888505	1.03113	1.03113	-1.94889	0.366432	0.731904	-1.39023	0.859118	1.06512	1.06512	0.841503	1.05386	1.05386	0.951241	1.07955	1.07955	-1.02353	0.161335	0.84227	-1.46227	0.341542	1.54541	1.54541	0.813219	1.08758	1.08758	0.964905	1.92676	1.77497	1
cg12797157	CCDC88B	0.525585	0.360443	0.7499	-2.08377	0.64682	1.43368	1.43368	0.493244	1.7129	1.7129	0.659916	0.707664	-1.4131	0.109562	0.256067	3.90523	0.408827	0.533718	-1.87365	0.36244	0.481446	-2.07108	0.137646	0.286941	-3.48503	0.971969	1.02782	1.02782	0.964903	0.93866	0.85854	1
cg22672639	FAT2	0.525592	0.990503	0.991408	-1.00907	0.816581	1.18423	1.18423	0.554038	1.54593	1.54593	0.394119	0.529794	-1.88753	0.091355	0.158153	-6.32457	0.109503	0.88498	1.13005	0.563569	0.375647	0.515952	-1.93816	0.032814	0.17308	1.07308	0.813731	0.843753	-1.18518	0.964896	0.561567	0.546801	1
cg23198799	APN3;CAPN3	0.525597	0.611224	1.14077	1.14077	0.654097	1.38306	1.38306	0.994206	0.766567	-1.12176	0.650885	0.329074	-3.03759	0.307704	0.469675	-2.12793	0.6076557	0.22948	-4.35768	0.864041	1.13034	1.13034	0.540403	1.84427	1.84427	0.145132	0.497092	-2.01206	0.964883	0.50086	0.72859	1
cg17598875	AHSA1;C14orf133	0.525599	0.839103	1.03879	1.03879	0.475006	0.815884	1.21654	0.810451	1.04447	1.04447	0.294724	1.24046	1.24046	0.342231	0.832632	-1.20101	0.558057	0.895052	-1.12755	0.0492	1.14247	1.14247	0.0771453	1.12224	1.12224	0.194862	1.2926	1.2926	0.964875	0.535374	0.493209	1
cg13747225	BTBD2	0.525604	0.173255	1.38299	1.38299	0.928947	1.02016	1.02016	0.143883	1.42098	1.42098	0.750036	1.07414	1.07414	0.483956	1.17253	1.17253	0.852378	0.959174	-1.04256	0.098723	1.49946	1.49946	0.295541	1.27471	1.27471	0.786057	0.940937	-1.06277	0.964871	0.765116	0.704864	1
cg04833185	B902;TMEM91	0.525613	0.948433	1.0535	1.0535	0.402403	1.02114	1.02114	0.105114	0.654386	0.869296	-1.15036	0.806795	0.791324	-1.2389	0.940688	0.986344	-1.01384	0.065269	1.53202	1.53202	1.14709	1.14709	0.0940683	1.14709	1.14709	0.0419155	1.12951	1.12951	0.964865	0.521654	0.480578	1
cg12728665	MCF2L;MCF2L	0.525612	0.649719	0.779385	-1.28306	0.544429	1.28584	1.28584	0.11953	2.51147	2.51147	0.997325	1.00183	1.00183	0.88062	0.926096	-1.0798	0.996368	1.00248	1.00248	0.551668	1.3886	1.3886	0.888269	1.07965	1.07965	0.975324	0.98328	1.017	0.964858	0.54136	4.18379	1
cg23983510	HEATR2	0.525617	0.752081	0.894273	-1.11823	0.384417	0.730185	-1.36952	0.93908	0.973409	-1.02732	0.909294	1.041	1.041	0.688331	1.15278	1.15278	0.026479	0.395481	-2.52856	0.587857	0.824533	-1.21281	0.814519	0.920476	-1.08639	0.70543	0.874674	-1.14328	0.96485	1.8999	1.75032	1
cg13445943	RALGPS1	0.525643	0.146347	1.41855	1.41855	0.728902	0.32374	0.69109	-1.44278	0.287039	0.671923	-1.48827	0.996595	0.998466	-1.00154	0.121622	0.554851	-1.82865	0.822957	1.21513	0.361222	0.37073	0.354642	0.881791	1.27391	0.791284	1.302	1.302	0.933913	0.91877	1.01877	0.964925	-1.16754	0.964827	0.768359	0.707884	1
cg17814335	A2A2D22	0.525634	0.263651	0.214361	-4.66502	0.920134	0.14193	0.14193	0.943278	0.17484	0.17484	0.020071	0.59708	0.59708	0.306063	0.346322	0.346322	0.102569	0.094329	-10.6013	0.869568	0.804761	-1.2426	0.845855	0.773175	-1.29337	0.869982	1.24174	1.24174	0.96821	26.6933	24.5925	1
cg26468119	ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2 A3;ATP2A3;ATP2A3	0.52566	0.324114	1.69249	1.69249	0.703572	0.821428	-1.21739	0.0955847	2.59933	2.59933	0.249185	0.536058	-1.86547	0.863856	1.09227	1.09227	0.654081	0.792827	-1.26131	0.308676	1.72394	1.72394	0.974035	1.01688	1.01688	0.891395	0.93216	-1.07278	0.975174	3.99736	3.18821	1
cg26562623	SDHA;SDHA	0.525652	0.0617369	1.60972	1.60972	-2.79928	0.604671	0.812441	-1.23589	0.2489	0.2489	0.0127	1.09729	1.09729	0.44943	0.688207	-1.45202	0.287357	0.245841	-4.06766	0.0107202	0.529921	-1.88702	0.0169012	0.70974	-1.40908	0.0247305	0.70974	-1.40908	0.0247305	0.964772	3.40414	3.21911	1
cg27486546	SRPX;SRPX;SRPX;SRPX	0.52568	0.141889	0.328571	-3.07031	0.30328	0.30328	0.29729	0.617699	0.020166	-1.92246	0.179373	0.38333	0.38333	0.071231	1.74121	1.74121	0.115166	0.135566	-7.37645	0.0753653	0.689594	-1.45013	0.930777	0.89382	-1.11947	0.714187	0.620156	0.61625	-1.62342	25.7792	23.7523	1
cg17917970	DUSP9	0.525685	0.267122	0.270055	-3.70295	0.730004	0.675496	-1.48039	0.980532	0.972748	-1.02802	0.218565	4.32918	4.32918	0.873857	0.835344	-1.19711	0.108722	0.137929	-7.25011	0.99093	1.01295	1.01295	0.373924	2.8109	2.8109	0.579054	1.886119	1.886119	0.964732	19.5916	18.0514	1
cg05257303	CC44L1;CC44L2	0.525703	0.999928	0.999312	1.00069	0.907144	1.06809	1.06809	0.157307	0.425811	-2.34846	0.272922	0.525098	-1.90412	0.394242	0.532106	-1.91833	0.72857	0.814558	-1.2735	0.607525	1.33972	1.33972	0.309931	1.64656	-2.14777	0.336059	1.76592	1.76592	0.964702	4.86937	4.48672	1
cg22664298	ADAMTS19	0.525713	0.648193	0.592688	-1.68723	0.961659	1.05626	1.05626	0.836407	1.26546	1.26546	0.647723	0.592239	-1.68851	0.564585	0.515251	1.9408	1.03339	0.76391	-1.30901	0.350014	0.33441	-2.99034	0.574131	0.523841	-1.90898	0.170198	2.25626	2.25626	0.964701	19.8101	18.2533	1
cg07631452	HDAC4	0.525713	0.211235	0.417189	-2.39809	0.596834	1.14067	1.14067	0.354691	0.523203	-1.9113	0.723794	0.790173	-1.26553	0.0501681	0.227165	-4.40209	0.509396	0.642124	-1.55703	0.366367	0.540133	-1.8514	0.445417	0.556157	-1.79729	0.699066	0.772727	-1.29412	0.964685	6.23058	6.02175	1
cg27241041	HCG27	0.525732	0.932298	0.971187	-1.02543	0.0843957	0.607706	-1.64553	0.232998	1.72164	1.72164	0.72164	0.72164	-1.3858	0.588039	1.15337	1.15337	0.835584	0.946587	-1.07643	0.667227	1.11947	1.11947	0.894742	0.966053	-1.03514	0.133934	0.655919	-1.52458	0.964653	1.03997	0.958288	1
cg07813232	FBXL1	0.525734	?	?	?	?	0.323243	1.32804	1.32804	0.885412	0.960697	-1.04091	0.265753	1.38053	1.38053	0.128241	1.57966	1.57966	0.616914	0.869152	-1.15055	1.04206	1.04206	0.851408	1.14907	1.14907	0.741801	1.13514	1.13514	0.733865	1.09954	1.09954	0.105443	1.10845	1.0885	1
cg14710166	NAIP1	0.525737	0.746601	1.07207	1.07207	0.979134	1.00525	1.00525	0.844444	1.18994	1.18994	0.844	0.802355	1.24625	1.24625	0.899258	1.11202	1.11202	0.333097	0.802793	-1.2387	0.664525	0.891032	-1.00905	0.756542	1.00905	1.06361	1.013754	1.070435	1.04097	0.964883	0.648412	1
cg18628493	TMTC4;TMTC4	0.525737	0.113916	0.74705	-1.3386	0.848068	0.968	-1.03306	0.944177	1.01194	1.01194	0.303067	0.834528	-1.19828	0.4044	0.865312	-1.15565	0.614195	1.09001	1.09001	0.483886	1.12822	1.12822	0.407657	0.866218	-1.15444	0.277325	1.25116	1.25116	0.964643	0.439274	0.404777	1
cg19557453	AR5B	0.525744	0.487215	1.28902	1.28902	0.32374	0.695109	-1.44278	0.287039	0.671923	-1.48827	0.996595	0.998466	-1.00154	0.121622	0.554851	-1.82865	0.600485	1.20932	1.20932	0.260437	1.52528	1.52528	0.178397	0.87146	-1.1475	0.771304	1.11052	1.11052	0.964612	1.97636	1.82118	1
cg23483095	NAP1L2;NAP1L2	0.525754	0.352225	0.430453	-2.32314	0.744789	0.974589	-1.33406	0.67581	0.688956	-1.44937	0.0745438	5.77233	5.77233	0.25415	1.31936	1.31936	0.186658	2.290755	-3.49333	0.832654	1.20529	1.20529	0.773114	1.29027	1.29027	0.90977	1.10522	1.10522	0.964614	11.8963	10.9624	1
cg08635723	ATXN1;ATXN1	0.525757	0.257868	0.70398	-1.4205	0.706852	0.893758	-1.11887	0.293927	0.723508	-1.38215	0.0434944	0.501479	-1.9941	0.371726	0.761356	-1.31345	0.577201	0.845837	-1.18226	0.716473	1.11453	1.11453	0.89473	1.04014	1.04014	0.77102	0.916899	-1.09063	0.964609	1.35022	1.24423	1
cg07395153	THAP11;CENPT	0.525761	0.078124	1.47742	1.47742	0.0741	0.128383	-2.12383	0.0170176	0.0885508	-2.01471	0.405544	0.172388	-3.00465	0.0241	0.0853	-2.11853	0.42372	0.725809	1.37777	0.208669	0.67394	0.540729	-1.84905	0.227035	1.27353	1.27353	0.857871	1.07143	1.07143	0.964603	0.229218	0.24636	1
cg21527491	STMN1;STMN1;STMN1;STMN1	0.525762	0.503609	0.86719	-1.23959	0.764073	0.909145	-1.09994	0.14737	0.611417	-1.63554	0.844808	1.06398	1.06398	0.174603	0.633219	-1.57923	0.198485	1.5373	1.5373	0.42651	0.77342	-1.29296	0.49756	0.804176	-1.24351	0.515377	0.811619	-1.23211	0.964602	1.52979	1.40972	1
cg21729074	ZNF521	0.525765	0.0736554	1.57835	1.57835	0.312872	0.544644	1.54844	0.603992	0.561585	-1.78104	0.0966	0.485474	-2.05532	0.0772355	0.233407	-4.28437	0.595917	0.58099	-1.7212	0.691629	0.6673	-1.49858	0.822775	0.779643	-1.2556	0.737883	0.688432	-1.45201	0.964559	15.7239	14.4044	1
cg02318959	RBMX2	0.525769	0.0778698	-1.04015984	-24.0394	0.837561	0.720541	-1.38785	0.642928	0.474237	-2.01865	0.569735	2.5056	2.5056	0.811487	0.682826	1.4645	?	?	?	?	?	?	?	?	?	0.618308	2.23181	2.23181	0.932661	24.564	30.7271	1
cg27512502	LMF1	0.525776	0.417448	1.6743	1.6743	0.38463	1.74094	1.74094	0.964304	0.975589	-1.02502	0.355003	1.80725	1.80725	0.213798	2.18313	2.18313	0.623682	1.36012	1.36012	0.050221	4.00884	4.00884	0.363069	1.78855	1.78855	0.230383	2.18721	2.18721	0.964577	5.90987	5.44613	1
cg05647602	BID;BID	0.525782	0.15447	1.31864	1.31864	0.918487	1.16447	1.16447	0.316496	1.31971	1.31971	0.507198	1.001565	1.001565	0.762198	1.02455	1.02455	0.479835	0.537314	-1.86111	0.319499	0.462067	-2.16419	0.779777	0.778702	-1.28419	0.345268	0.482102	-2.07386	0.964566	0.60168	0.70382	1
cg03738915	DIP2C	0.525792	0.559526	0.742217	-1.34731	0.190585	2.01417	2.01417	0.124419	2.31741	2.31741	0.967337	0.979526	-1.0209	0.274278	0.562876	-1.77659	0.783443	1.14933	1.14933	0.399608	0.646859	-1.54593	0.701975	1.21438	1.21438	0.78393	0.870352	-1.14896	0.96455	3.89883	3.593	1
cg04833450	ATP2C2	0.525795	0.371863	0.269937	-3.70455	0.479344	0.72301	1.37301	0.793031	0.660672	-1.51359	0.2709	0.358427	-2.79005	0.162246	0.118686	-8.4256	0.222382	0.160152	-6.24405	0.0878345	0.278655	-3.59403	0.0742859	0.290703	-3.44055	0.169977	0.374004	0.591116	-1.69172	0.964555	31.1659	28.7152	1
cg01971676	HECW1	0.525796	0.658361	0.680125	-1.16262	0.766117	1.10628	1.10628	0.373458	1.36255	1.36255	0.291017	1.4492	1.4492	0.536333	0.808945	-1.23618	0.186658	2.290755	-3.49333	0.832654	1.20529	1.20529	0.773114	1.29027	1.29027	0.90977	1.10522	1.10522	0.964614	11.8963	10.9624	1
cg20029967	11-Sep	0.525798	?	?	?	0.325871	0.519367	-1.92542	0.937254	0.950658	-1.0519	0.500792	0.64392	-1.55299	?	?	?	0.969645	1.02476	1.02476	0.153405	2.69904	2.69904	0.234604	2.24011	2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(122T vs. N)	Fold-Change(122T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg12666827	METINL	0.526132	0.5982	1.23536	0.127356	0.977762	0.697886	-1.4329	0.156283	0.547297	-1.82716	0.186806	0.573403	-1.72707	0.189551	0.47523	-2.10425	0.410587	0.715737	-1.39716	0.682577	0.449231	-1.17754	0.669366	0.839582	-1.19107	0.422349	0.72199	-1.38506	0.983967	2.41172	2.22389	1
cg26689780	WDR1;WDR1 C11orf57;C11orf57;C11orf57;C11orf57;C11orf57;PIH1D2;PIH1D2	0.526137	0.955132	0.966458	-1.03471	0.460507	0.655912	-1.52459	0.08766997	0.347119	-2.88085	0.423586	0.632084	-1.58207	0.190196	0.938768	-1.06523	0.897915	1.0747	0.605303	1.33992	1.33992	0.229008	2.03102	2.03102	0.316878	0.559476	-1.78739	0.963958	4.80956	4.43501	1
cg19372226	C11orf57;C11orf57;PIH1D2;PIH1D2	0.526139	0.686524	0.940769	-1.06296	0.6637206	0.730749	-1.36846	0.664048	1.06798	1.06798	0.522382	0.907039	-1.10249	0.2680611	1.1896	1.1896	0.478388	1.11456	1.11456	0.981238	0.996467	-1.00355	0.519501	0.906409	-1.10326	0.854106	1.02809	1.02809	0.963956	0.345765	0.318839	1
cg19403496	DPH5;DPH5;DPH5	0.526139	0.446933	0.805207	-1.24192	0.304431	1.94616	3.146116	0.758316	1.09009	1.09009	0.631533	1.58152	1.58152	0.138536	1.16843	1.16843	0.279986	0.730599	-1.36874	0.190756	0.647286	-1.47287	0.579927	0.85534	-1.16913	0.2458308	1.40391	1.40391	0.963955	1.19258	1.09971	1
cg24009741	JUN	0.526141	0.326442	0.845048	-1.18336	0.594157	0.914507	-1.09349	0.450831	0.880088	-1.13625	0.794462	0.94434	1.04434	0.372393	0.860235	-1.16247	0.812822	0.961348	-1.04021	0.119922	1.32661	1.32661	0.512938	0.809596	-1.11658	0.928354	0.795314	1.25736	0.963951	0.421601	0.388772	1
cg07933757	CD99L2;CD99L2;CD99L2	0.526147	0.370578	0.488232	-2.04821	0.986642	0.986646	-1.01354	0.884556	1.11996	1.11996	0.0801441	4.54412	4.54412	0.696547	1.35745	1.35745	0.2056	0.35301	-2.83278	0.615609	0.673848	-1.48401	0.480731	0.57183	-1.74877	0.859124	1.14859	1.14859	0.963942	9.28289	8.56012	1
ch.8.7249I	FBXO25;FBXO25;FBXO25	0.526152	0.718858	0.708589	-1.25205	0.744651	0.815965	-1.22554	0.532869	0.671202	-1.48987	0.668999	1.30537	1.30537	0.0663485	0.279909	-3.5983	0.46798	1.58279	1.58279	0.911494	1.07564	1.07564	0.2889	0.504613	-1.9829	0.227304	0.454696	-2.19927	0.963933	5.90284	5.44329	1
cg26946311	DECR2	0.526169	0.331904	1.29442	2.294242	0.745235	1.08809	1.088099	0.789163	1.07186	1.07186	0.755012	0.9221147	-1.08443	0.0415071	0.544075	-1.83798	0.808611	0.939098	-1.06485	0.650531	1.12535	1.12535	0.787306	0.59237	-1.07254	0.549372	0.854826	-1.16983	0.963903	1.02354	0.943887	1
cg26800462	SPSB3;NUBP2;SPSB3	0.526179	0.890479	0.800548	-1.24914	0.188409	12.431	12.431	0.512841	3.00346	3.00346	0.721077	0.55946	-1.78744	0.538707	0.357692	-2.7957	?	?	?	?	?	?	0.298061	6.46209	6.46209	?	?	1.05238	23.2089	11.0269	1
cg06535860	LUPH	0.526186	0.279584	0.699338	-1.42983	0.174335	1.11572	1.115721	0.772988	1.11651	1.11651	0.536073	0.8192397	-1.22056	0.464957	0.7893445	-1.26687	0.569094	0.832728	-1.20087	0.0454901	0.482096	-2.07427	0.278317	0.698657	-1.43129	0.770774	0.911257	-1.09739	0.963874	1.54455	1.42499	1
cg12018403	C19orf51	0.526206	0.259608	0.557312	-1.79433	0.209375	0.518014	-1.93045	0.809545	0.886889	-1.12754	0.218951	0.525851	-1.90168	0.145445	0.459726	-2.17521	0.553957	0.742582	-1.34665	0.110479	0.427119	-2.34019	0.293585	0.58181	-1.71877	0.313677	0.595693	-1.67872	0.963839	3.77259	3.47923	1
cg14039649	POLR2F	0.526214	0.271764	0.571309	-1.75037	0.249843	0.550633	-1.81609	0.0737977	0.377113	2.65174	0.462533	1.4419	1.4419	0.423649	0.6703598	-1.49165	0.850655	1.15683	1.15683	?	?	?	0.153275	1.26075	1.26075	0.902729	0.909827	-1.09914	0.939585	6.91436	6.41022	1
cg25927529	SPATA13;SPATA13	0.526214	?	?	?	0.339208	2.14126	2.141126	0.406084	1.9289	1.9289	0.195795	2.87884	2.87884	0.441956	0.545535	-1.83306	0.850655	1.15683	1.15683	?	?	?	0.153275	1.26075	1.26075	0.902729	0.909827	-1.09914	0.939585	6.91436	6.41022	1
cg23933602	RSU1;RSU1	0.526218	0.843425	1.12266	1.12266	0.865381	0.905494	-1.10437	0.880989	0.916078	-1.09161	0.529705	1.45136	1.45136	0.255255	0.497516	-2.00998	0.936232	1.04793	1.04793	0.0929629	0.330115	-2.94886	0.363456	0.579	-1.72712	0.258663	1.99281	1.99281	0.96382	5.22546	4.81921	1
cg12412902	FAM3A;FAM3A	0.526226	0.370519	1.83317	1.83317	0.352856	1.8777	1.8777	0.422545	1.3827	1.3827	0.314115	1.98594	1.98594	0.277904	1.02656	1.02656	0.723597	1.26367	1.26367	0.0744152	0.712437	1.71237	1.71237	0.176583	2.57482	2.57482	0.169258	2.62513	0.963806	6.63015	6.11478	1
cg04147372	RTN1	0.526233	0.161527	2.32084	2.32084	0.680564	0.792055	-1.26254	0.68896	0.797252	-1.25431	0.355793	1.70728	1.70728	0.10357	0.366959	-2.7251	0.591144	0.736843	-1.35714	0.86833	0.910796	-1.09794	0.852156	1.11078	1.11078	0.565087	1.38751	1.38751	0.963798	4.84087	4.46462	1
cg11660815	COL20A1	0.526238	0.101498	0.112758	-8.86982	0.197763	0.207889	-4.81026	0.196647	0.188906	-5.26853	0.772803	0.7030814	-1.42245	0.781706	0.713103	-1.40232	0.414595	0.962348	-2.76978	0.150005	0.152817	-6.54377	0.307999	0.279081	-3.6127	0.854567	1.25026	1.25026	0.963795	22.6179	20.8601	1
cg24205524	SNAP23;SNAP23	0.526264	0.515777	1.45033	1.06233	0.260493	1.14071	1.113726	0.617827	0.95489	-1.04724	0.414479	1.1095	1.1095	0.0756497	0.216446	1.12677	0.634662	1.04491	1.04491	0.13734	1.0995	1.0995	0.249297	0.89539	-1.11683	0.437196	0.920852	1.07544	0.963782	0.128538	0.118549	1
cg07638334	DIP2C	0.526324	0.74549	1.07879	1.07879	0.124849	1.47233	1.47233	0.976752	1.00681	1.00681	0.856523	1.04304	1.04304	0.494115	0.850713	-1.17549	0.934694	0.981099	-1.01927	0.0767615	1.5814	1.5814	0.649108	0.89883	-1.11256	0.43583	1.20336	1.20336	0.963781	0.827564	0.763257	1
cg21442738	NLGN4X;NLGN4X;NLGN4X	0.526332	0.858442	1.12923	1.12923	0.945147	0.954207	-1.04794	0.154962	2.83848	2.83848	0.440516	0.58538	-1.70859	?	0.5141972	?	?	?	?	?	?	?	0.154912	1.5676	1.5676	0.168802	0.748	1.04478	0.939533	5.36368	6.52443	1
cg11582223	FITM2;PITM2	0.526326	0.234155	0.456332	-2.19139	0.34278	0.540739	-1.84932	0.416588	0.59318	-1.68583	0.639458	0.743196	-1.34554	0.0736094	0.285182	-3.50653	0.698041	0.782516	-1.27793	0.59887	0.736125	-1.3964	0.47581	0.633742	-1.57793	0.0891206	0.307478	-3.25226	0.963748	0.03969	0.57055	1
cg19802165	PITX1	0.526329	0.929873	1.12545	1.12545	0.853768	0.971398	1.0526838	0.18812	0.632529	1.58211	0.659944	1.82127	1.82127	?	0.2731727	?	0.939099	1.10805	1.10805	?	?	?	0.829818	0.520048	-1.9229	0.672225	1.77077	1.77077	0.963954	0.24981	25.381	1
cg10438289	MMP14	0.526266	0.369458	0.649762	-1.53903	0.654388	1.23464	1.23464	0.533543	1.34308	1.34308	0.866381	0.92425	-1.08196	0.0967794	0.42625	-2.34604	0.717075	1.18557	1.18557	0.596302	0.778744	-1.28412	0.518894	1.35783	1.35783	0.171174	0.505833	-1.97694	0.963737	3.3397	3.08032	1
cg22156811	MAN2B1	0.526267	0.496096	0.651098	-1.53587	0.893681	0.920133	-1.08657	0.748115	0.818692	-1.22146	0.106216	0.334408	-2.99036	0.0835785	0.304504	-3.28403	0.136767	0.369635	-2.70537	0.884586	0.913764	-1.09437	0.872343	0.905623	-1.10421	0.750256	0.820143	-1.2193	0.963736	5.88413	5.42715	1
cg01715177	GRIP2	0.526281	0.470379	0.853274	0.853274	0.415374	0.955726	-1.04632	0.233165	0.772624	1.29479	0.233165	1.23527	1.23527	0.854282	0.31085	-3.21783	0.839163	1.04303	1.04303	0.147485	1.38019	1.38019	0.484569	1.15866	1.15866	0.262688	0.798899	-1.25172	0.963711	0.650458	0.605122	1
cg02805810	NKAIN1	0.526283	0.446735	0.754104	-1.32608	0.167503	1.70815	1.70815	0.195127	1.64655	1.64655	0.959596	1.01861	1.01861	0.227821	0.630852	-1.58516	0.704756	1.14859	1.14859	0.677161	1.16459	1.16459	0.841035	1.07582	1.07582	0.390003	0.725745	-1.37789	0.963708	2.02132	1.86439	1
cg11821039	SNED1	0.526296	0.834359	1.07257	-1.39349	0.926864	0.97083	1.19783	0.959454	1.1888	1.1888	0.572006	0.7186619	-1.39167	0.497384	0.609076	-1.64201	0.544844	0.80328	-1.2448	0.0970268	0.99327	0.99327	0.497354	1.15245	1.15245	0.357276	0.707762	1.20866	1.20866	0.963957	1.98357	1.82961	1
cg10729949	ARHGAP26;ARHGAP26	0.526303	0.193786	0.171719	-5.82347	0.660972	0.7604	1.7604	0.129711	0.122742	-8.14715	0.39284	0.325723	-3.07009	0.341134	0.284502	-3.51491	0.573126	0.482108	-2.07422	0.179431	0.160842	-6.21728	0.435232	0.360539	-2.77362	0.184407	0.164615	-6.07477	0.963674	25.0626	23.1176	1
cg10419849	TNK5	0.526312	0.784903	0.834306	-1.1986	0.913919	1.07422	1.07422	0.179027	2.57536	2.57336	0.438138	1.68822	1.68822	0.811164	0.854898	-1.16973	0.745941	0.806331	-1.24019	0.40928	0.571892	-1.74858	0.0857196	0.284337	-3.51696	0.705507	1.28581	1.28581	0.963645	0.69156	0.63746	1
cg02282222	KLHL26	0.526322	0.104502	0.3044	0.3044	0.0496429	0.0505205	-19.7795	0.153526	0.13512	0.13512	0.04125	0.31771	0.31771	0.0696197	0.0324031	-30.8511	0.548384	0.80328	-1.2448	0.0970268	0.99327	0.99327	0.497354	1.15245	1.15245	0.357276	0.707762	1.20866	1.20866	0.963957	1.98357	1.82961	1
cg27372920	FST;FST	0.526329	0.499075	2.51609	2.51609	0.555801	0.448782	-2.22825	0.694579	0.588226	-1.70003	0.346022	0.771383	-1.64874	0.144807	0.121737	-8.21444	0.388709	0.304863	-3.28017	0.0669613	0.0654904	-15.2694	0.508286	0.405587	-2.46556	0.558757	0.451538	-2.21465	0.96363	27.5967	25.4563	1
cg19863003	REEP5	0.526337	0.830807	1.12545	1.12545	0.853768	0.971398	1.0526838	0.18812	0.632529	1.58211	0.659944	1.82127	1.82127	?	0.2731727	?	0.939099	1.10805	1.10805	?	?	?	0.829818	0.520048	-1.9229	0.672225	1.77077	1.77077	0.963954	0.24981	25.381	1
cg17943647	TRIM2;TRIM2 MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7	0.526343	0.661852	0.656222	-1.52388	0.676585	0.140967	-7.09384	0.350233	0.398372	-2.51022	0.301416	2.78673	2.78673	0.58725	0.591773	1.68984	0.825469	0.80945	-1.23541	0.618406	1.61717	1.61717	0.797342	1.2793	1.2793	0.540324	1.81009	1.81009	0.963606	13.9831	12.8989	1
cg23233671	TSEN34;TSEN34 EWSR1;EWSR1;EWSR1;EWSR1;EWSR1;EWSR1	0.526355	0.272371	2.07548	2.07548	0.422801	1.68757	1.68757	0.854506	1.12448	1.12448	0.490859	1.56401	1.56401	0.341166	1.8718	1.8718	0.0744257	3.56213	3.56213	0.353288	1.84122	1.84122	0.362164	0.549562	-1.81963	0.481183	1.58031	1.58031	0.963585	6.234	5.75075	1
cg05652493	RHBDD3	0.526386	0.612526	0.860651	-1.16191	0.433512	0.790709	-1.26469	0.98451	1.00572	1.00572	0.961901	0.986062	-1.01413	0.265686	0.711201	-1.40607	0.711636	1.11527	1.11527	0.218775	0.683831	-1.46235	0.452862	0.79876	-1.25194	0.110674	1.66649	1.66649	0.963532	1.31746	1.2154	1
cg17458631	NPAS2	0.526387	0.411174	1.49581	1.49581	0.248389	1.78277	1.78277	0.778183	0.873439	-1.1449	0.161031	2.04805	2.04805	0.180812	0.506181	-1.97556	0.479157	0.70842	-1.41159	0.964822	1.02136	1.02136	0.778873	0.764413	-1.30819	0.920042	0.953235	-1.04906	0.96353	3.50367	3.23225	1
cg15398939	C12orf62	0.526389	0.18915	0.741561	-1.34851	0.984502	1.00418	1.00418	0.386242	1.21036	1.21036	0.312017	1.25208	1.25208	0.860515	1.03853	1.03853	0.844103	1.04323	1.04323	0.484035	0.858242	-1.16517	0.758931	0.959578	-1.0684	0.112052	1.45052	1.45052	0.963527	0.705044	0.650429	1
cg16434842	CD99L2;CD99L2;CD99L2	0.526389	0.189371	0.741561	-1.34851	0.984502	1.00418	1.00418	0.386242	1.21036	1.21036	0.312017	1.25208	1.25208	0.860515	1.03853	1.03853	0.359106	0.936252	-1.2807	0.0766455	0.943341	-1.06005	0.652622	1.07239	0.876577	0.20426	1.02426	0.963551	0.363073	0.334954	0.30852	1
cg01558842	HOXA7	0.526393	0.654464	0.93287	-1.07196	0.638976	1.07561	1.07561	0.840871	1.03151	1.03151	0.874967	1.02459	1.02459	0.940337	1.01161	1.01161	0.0286739	0.671581	-1.48902	0.706655	0.943340	-1.06005	0.652622	1.07239	0.876577	0.20426	1.02426	0.963551	0.363073	0.334954	0.30852	1
cg00037712	HLC5	0.526411	0.825796	1.12545	1.12545	0.853768	0.971398	1.0526838	0.18812	0.632529	1.58211	0.659944	1.82127	1.82127	?	0.2731727	?	0.939099	1.10805	1.10805	?	?	?	0.829818	0.520048	-1.9229	0.672225	1.77077	1.77077	0.963954	0.24981	25.381	1
cg03288340	ZC3H4	0.526413	0.169331	1.52573	1.52573	0.785464	0.108191	1.08191	0.924679	1.02766	1.02766	0.612612	1.15874	1.15874	0.167157	0.653825	-1.52946	0.795305	0.927728	-1.0779	0.229575	0.695055	-1.43874	0.331483	1.33524	1.33524	0.864166	1.05065	1.05065	0.963485	1.27047	1.17211	1
cg19935481	TLE3;TLE3;TLE3	0.526425	0.478657	0.933922	-1.08246	0.377889	0.905261	1.10465	0.433166	1.09319	1.09319	0.791327	1.04144	1.04144	0.0798626	0.902191	-1.10841	0.566468	0.80328	-1.2448	0.0970268	0.99327	0.99327	0.497354	1.15245	1.15245	0.357276	0.707762	1.20866	1.20866	0.963957	1.98357	1.82961	1
cg25242556	FURIN	0.526432	0.8372	0.811662	-1.23204	0.07891	0.25731	6.25731	0.076342	1.30931	1.30931	0.315217	0.512061	-1.95289	0.932952	1.24472	1.24472	0.965316	1.04509	1.04509	0.87586	0.853376	-1.17182	0.853135	1.20677	1.20677	0.76868	0.733564	1.36321	1.36321	0.963447	15.6958	14.4811	1
cg08283687	C21orf29	0.526436	0.422615	1.63462	1.63462	0.292769	1.92478	1.92478	0.737057	1.22405	1.22405	0.762425	1.19949	1.19949	0.41261	0.6049884	-1.65294	0.621125	1.34838	1.34838	0.773482	0.841022	-1.18903	0.0478061	3.88697	3.88697	0.533111	1.46042	1.46042	0.963446	5.49217	5.06715	1
cg10805444	C21orf129;NCRNA00112	0.526441	0.760334	1.15145	1.15145	0.676162	1.14221	1.142221	0.319951	0.598784	1.67005	0.145315	0.958236	-1.29148	0.0650647	0.550542	-1.82138	0.448607	0.680246	-1.4706	0.407552	0.772213	-1.29498	0.385353	0.564102	-1.77251	0.909954	1.06075	1.06075	0.963418	1.79078	1.50576	1
cg26157031	BIRC3;BIRC3	0.526441	0.82437	1.09665	1.09665	0.926593	0.962524	-1.03894	0.574596	1.26541	1.26541	0.533467	0.769677	-1.29925	0.848519	0.923697	-1.08261	0.0531655	0.401766	-2.48901	0.441292	1.3853	1.3853	0.927173	0.962765	-1.03868	0.239037	0.599415	-1.66829	0.963438	2.62881	2.4254	1
cg00447095	MAD1L1;MAD1L1;MAD1L1	0.526445	0.541511	2.06901	2.06903	0.623506	0.55875	-1.78971	0.678157	1.63384	1.63384	0.405439	2.72195	2.72195	0.0910754	0.111965	-8.93107	0.488377	2.30899	2.30899	0.0877706	1.38083	1.38083	0.281955	0.219813	-4.27692	0.519103	0.443522	-2.2534	0.963422	21.1172	19.4855	1
cg09013655	GLT25D2	0.526455	0.5664	1.68119	1.68119	0.0148332	1.57601	1.57601	0.0148332	1.1937	1.1937	0.934909	0.9351156	-1.07393	0.645741	1.0197	1.0197	0.432421	0.496771	-2.013	0.933207	2.07612	2.07612	0.887977	0.8841492	-1.13098	0.452862	1.94092	1.94092	0.963414	1.61854	10.7354	1
cg24480194	GGA1;GGA1;GGA1	0.526456	0.97505	1.00415	1.00415	0.49854	1.1047	1.1047	0.559305	1.08126	1.08126	0.916877	0.8348822	-1.19786	0.583006	0.929261	-1.07612	0.419966	0.896571	-1.11536	0.511673	0.915586	-1.0922	0.146705	0.813743	-1.22889	0.319093	1.14597	1.14597	0.963413	0.267163	0.246497	1
cg14375799	BRP44L	0.526459	0.466515	1.83656	1.83656	0.367	1.581541	1.581541	0.342095	0.67938	1.36387	1.36387	?	0.2731727	?	0.2731727	?	?	?	?	?	?	?	0.633251	1.59094	1.59094	0.381827	2.38384	2.38384	0.191588	3.840666	3.840666	0.962977	12.3537	11.225	1
cg00144045	RPRM	0.526474	0.416858	2.23268	2.23268	0.815099	0.79766	-1.25367	0.277951	0.33452	-2.98936	0.165481	4.2268	4.2268	0.634769	1.58758	1.58758	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg05644491	WDR11;WDR11	0.526484	0.426902	1.34794	1.34794	0.491702	0.982997	-1.0173	0.678948	0.931663	-1.07355	0.944585	0.988247	-1.01189	0.565585	1.01082	1.01082	0.561105	1.10511	1.10511	0.0912487	0.668273	-1.50083	0.905478	0.937031	-1.06712	0.852553	1.03215	1.03215	0.963361	0.641317	0.607201	1
cg25179830	SDHD;TIMM8B;TIMM8B	0.526486	0.824342	1.13861	1.13862	0.369176	1.71356	1.71356	0.799037	1.16064	1.16064	0.89221	0.923881	-1.08239	0.893155	0.924774	-1.08135	0.777736	1.17969	1.17969	0.0838072	0.327155	-3.05666	0.744897	0.21004	1.21004	0.13501	2.56224	2.56224	0.96336	3.20272	4.80053	1
cg23220343	VWA2	0.526490	0.149365	2.23457	2.23457	0.928134	0.954166	-1.04804	0.507462	1.41868	1.41868	0.526373	1.39637	1.39637	0.515982	1.40852	1.40852	0.565128	0.739014	-1.35315	0.220638	0.511856	-1.95367	0.588453	0.752678	-1.32859	0.266462	0.547619	-1.82609	0.963354	4.12698	3.80797	1
cg20977816	EHMT2;EHMT2	0.526501	0.0909078	0.749303	0.74903	0.0858	0.0911	1.09111	0.0699128	0.18522	0.188	0.145433	0.6951022	-1.43866	0.0609228	0.1791	0.1791	0.134333	0.4145	0.997832	0.0025	0.0139253	0.565585	1.08268	0.0190478	0.0439301	-1.6672	0.852553	1.03215	1.03215	0.963361	0.641317	0.607201	1
cg19199677	COL22A1	0.526508	0.719126	0.783206	-1.2768	0.950037	1.04331	1.04331	0.249415	2.25812	2.25812	0.498844	1.58947	1.58947	0.605983	0.768456	-1.30131	0.246566	0.440476	-2.27027	0.365572	0.533106	-1.8758	0.10068	0.296221	-3.37586	0.837247	0.870475	-1.14933	0.963323	9.68532	6.44557	1
cg26534916	THOC2	0.526512	0.218603	0.535237	0.535237	0.0858	0.0911	1.09111	0.0699128	0.18522	0.188	0.145433	0.6951022	-1.43866	0.0609228	0.1791	0.1791	0.134333	0.4145	0.997832	0.0025	0.0139253	0.565585	1.08268	0.0190478	0.0439301	-1.6672	0.852553	1.03215	1.03215	0.963361	0.641317	0.607201	1
cg25341780	FZR1 GEMIN7;GEMIN7;GEMIN7;GEMIN7;GE MIN7	0.526521	0.385348	0.839251	-1.19154	0.6651633	0.665182	-1.50335	0.945345	0.988591	-1.01359	0.386088	0.839491	-1.1912	0.566778	0.892249	-1.12076	0.886149	1.02861	1.02861	0.742505	0.937144	-1.06707	0.882922	0.9714	-1.02944	0.219555	1.28945	1.28945	0.963301	0.591552	0.545856	1
cg22630433		0.526522	0.464337	0.887614	-1.12662	0.0799419	1.36483	1.36483	0.734735	1.05595	1.05595	0.341075	0.8546631	-1.17005	0.427326	0.878327	-1.13853	0.810677	1.03916	1.03916	0.359478	0.586099	-1.70614	0.0681441	0.0559735	1.45098	1.45098	0.0140407	0.160407	0.963299	0.390954	0.360755	1
cg26605712	KIF26B	0.526523	0.830308	0.816606	-1.22458	0.0602998	7.38978	7.38978	0.148514	4.31863	4.31863	0.687694	0.682851	-1.46445	0.647512	0.647539	-1.54431	0.602745	1.64163	1.64163	0.633546	1.57366	1.57366	0.740888	0.731054	-1.36789	0.984197	1.01887	1.01887	0.963297	13.5961	12.5459	1
cg21630994	ZNF562;ZNF562;ZNF562	0.526542	0.0902442	0.0902442	0.0902442	0.0610247	0.155151	-6.44532	0.219457	0.339996	-3.12563	0.491442	0.5401036	-1.85113	0.0533987	0.2731727	-3.66075	0.641668	0.602258	-1.66022	0.313148	0.433153	-2.41947	0.0944511	0.0990696	-10.0996	0.0426264	0.0942	0.0942	0.963293	0.11822	0.106947	1
cg11510182	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.526547	0.374056	0.69632	-1.43612	0.845484	1.08047	1.08047	0.929121	1.03592	1.03592	0.791812	0.900379	-1.11064	0.648866	0.8337727	-1.19943	0.558764	0.790931	-1.26433	0.0871973	2.11519	2.11519	0.14983	1.84498	0.874498	0.805735	1.05244	1.05244	0.963256	2.4006	2.21526	1
cg21769057	CDK14	0.526551	0.851992	1.06659	1.06659	0.688423	1.14928	1.14928	0.124721	0.563435	-1.77483	0.762298	1.11039	1.11039	0.47374	0.777634	-1.28595	0.401789	1.34474	1.34474	0.605764	0.83551	-1.19687	0.155023	1.69096	1.69096	0.518611	0.797816	-1.25342	0.96325	1.81765	1.67733	1
cg26889501	ZNF738 DBNDD2;DBNDD2;DBNDD2;DBNDD2;D BNDD2;SYS1-	0.526552	0.453496	0.803

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg27301885	NEK7	0.526987	0.897686	1.08758	0.168768	1.674859	1.10845	1.10845	0.788014	0.838085	1.415192	0.258625	0.462999	-2.15983	0.853179	0.686005	1.12866	0.779225	0.832265	-1.20154	0.2444672	1.222408	-4.49624	0.341764	0.527306	-1.85643	0.50798	1.55079	0.962504	6.50647	6.00884	1
cg19417024	PDE2A;PDE2A;PDE2A;PDE2A	0.52699	0.873206	0.959743	-1.04195	0.653087	1.12345	1.12345	0.227705	0.721625	-1.38576	0.884034	1.03826	1.03826	0.804015	1.06605	1.06605	0.860729	0.955825	-1.04622	0.6674221	1.69422	1.69422	0.620125	1.13718	1.13718	0.341807	0.777247	-1.28659	0.962498	1.00901	0.93184	1
ch.10.98335SR	ZNF338	0.527007	0.105628	0.744715	-1.3428	0.107206	0.745882	-1.3407	0.329011	0.845372	-1.18291	0.87571	0.974239	-1.02644	0.517344	0.896325	-1.11567	0.176739	0.787073	-1.27053	0.822407	1.0382	1.0382	0.396403	0.86519	-1.15582	0.580539	0.911133	-1.09753	0.96247	0.4238803	0.3914403	1
qp0036606	RPS6KA2;RPS6KA2	0.527015	0.346216	1.18609	-1.18609	0.539695	1.11542	1.115421	0.70667	0.855651	-1.06877	0.409021	0.891951	-1.16016	0.976327	0.994982	-1.00517	0.429807	1.15231	1.15231	0.0634023	0.692632	-1.44377	0.9386	0.860534	-1.16365	0.615276	0.914711	-1.09324	0.962456	0.471798	0.4357195	1
qp0266971	CBLB	0.527024	0.900192	1.04239	1.042439	0.958228	1.107301	1.027301	0.960176	1.01666	0.273667	1.45792	1.457792	0.880032	0.951251	-1.05125	0.740717	1.16115	1.16115	0.069759	1.95638	1.95638	0.75927	1.10706	1.10706	0.182045	0.625806	1.559794	0.962441	1.66914	1.54158	1
qp2702833	PLEKHG4B	0.52531	0.848399	-1.17949	0.0379669	0.532607	-1.87756	0.354992	0.779477	-1.28295	0.47255	0.825884	-1.21082	0.889535	0.13706	1.10706	1.10706	0.605416	1.1462	1.1462	0.87736	1.04126	1.04126	0.84783	1.05158	1.05158	0.848294	1.055142	1.055142	0.962439	1.04494	0.965086	1
cg14265220	RXRA	0.527028	0.374896	0.819802	-1.21981	0.394527	1.20956	1.20956	0.951874	1.01325	1.01325	0.76431	0.936505	-1.0678	0.177748	0.731647	-1.36678	0.738077	1.07597	1.07597	0.299096	1.26464	1.26464	0.3289	0.80265	-1.24587	0.218124	0.753805	-1.3266	0.962434	0.725489	0.6700551	1
cg19961153	ALYPL2	0.527042	0.854417	1.40047	1.400467	0.303957	0.140028	-7.14167	0.465153	1.94096	1.94096	0.759237	1.85511	1.85511	0.977429	0.9491	-1.05363	0.198782	0.8614698	-12.2545	0.1046287	0.0378033	-26.4541	0.937755	2.67321	2.67321	0.532844	1.21059	0.962411	51.9743	48.0038	1
qp0528027	TBPL1	0.5207	0.116154	0.749974	-1.33338	0.684406	1.10729	1.07029	0.943997	0.988232	-1.01191	0.555854	0.904487	-1.1056	0.331458	0.846439	-1.18394	0.183515	0.788376	-1.26843	0.538265	1.13071	1.11071	0.453595	1.13071	1.13071	0.962462	0.432775	0.399734	1
cg15720669	FOXL2;Clorf72	0.5207	0.969118	0.98909	-1.01103	0.813668	0.935286	-1.06919	0.420954	0.792185	-1.26233	0.283933	0.729481	-1.37084	0.630772	0.871776	-1.14708	0.279992	0.72744	-1.37468	0.279349	1.37532	1.37532	0.216737	1.44527	1.44527	0.281843	0.728399	-1.37287	0.962361	1.22374	1.13032	1
cg27880256	FAM59A	0.527046	0.086998	0.93473	-1.07005	0.384102	0.958486	-1.51864	0.424097	1.53757	1.53757	0.815527	1.162126	1.162126	0.750906	1.198503	1.198503	0.549638	1.14238	1.14238	0.313792	2.58071	2.58071	0.775448	1.17665	1.17665	0.258821	1.95441	1.95441	0.962358	4.930878	4.55435	1
cg20350165	NDUFB2	0.527076	0.942119	0.984361	-1.01589	0.241081	0.766137	-1.30525	0.04745 15	0.611261	-1.63596	0.329113	0.803613	-1.24438	0.452622	0.846439	-1.18073	0.724373	0.926026	-1.07988	0.635997	0.90168	-1.10904	0.211666	0.751549	-1.33059	0.338147	0.807076	-1.23904	0.962352	0.718203	0.663378	1
cg19001867	MAPKBP1;MAPKBP3	0.527077	0.331767	0.870858	-1.15894	0.127214	1.23895	1.23895	0.728398	0.955656	-1.0464	0.605823	0.98474	-1.0155	0.188265	1.19858	1.19858	0.252663	1.18135	1.18135	0.905156	0.9883882	-1.01638	0.946442	0.99151	-1.00877	0.494663	1.094313	1.094313	0.962435	0.252286	0.2376946	1
cg14272860	ZNF574;ZNF574	0.527078	0.171143	1.52917	1.52917	0.536095	0.950938	-1.05159	0.70667	0.951262	1.26362	1.26362	0.682443	1.12739	1.12739	0.163816	0.648502	-1.54201	0.649638	1.14259	1.14259	0.924165	1.02814	1.02814	0.2291	1.44466	1.44466	0.292954	1.37438	1.37438	0.962349	1.2948	1.19606	1
cg10433438	GIPC2	0.527091	0.518077	0.907504	-1.10192	0.909244	1.07703	1.07703	0.640055	0.932616	-1.07225	0.731995	0.950355	-1.05224	0.668403	0.739617	-1.35205	0.694494	0.943207	-1.06021	0.354122	1.15167	1.15167	0.698089	0.926428	-1.07941	0.14897	0.795127	-1.25766	0.962322	0.334401	0.308884	1
qp2018060	CLK1;CLK1;CLK1;CLK1;CLK1	0.527101	0.379736	0.80831	-1.23635	0.668421	1.10668	1.10668	0.553568	1.155555	1.155555	0.791096	0.939405	-1.0645	0.11433	1.14868	1.14868	0.475139	1.18449	1.18449	0.106402	0.884822	-1.13017	0.50186	1.17408	1.17408	0.134251	1.40262	1.40262	0.962308	0.84405	0.706943	1
cg03881179	AMOTL2	0.527103	0.136545	0.666623	-1.5001	0.575498	1.15378	1.15378	0.658103	1.11919	1.11919	0.307122	0.765442	-1.30643	0.256692	0.741326	-1.34893	0.27598	1.33178	1.33178	0.710158	0.9099331	-1.09898	0.769607	1.07708	1.07708	0.594838	1.14536	1.14536	0.962305	0.974232	0.899906	1
cg08192033	TPDS2L1;TPDS2L1;TPDS2L1;TPDS2L1	0.527116	0.113692	1.74939	1.74939	0.670785	0.988278	-1.01186	0.353124	0.734095	-1.36183	0.755086	0.904164	-1.10599	0.96235	1.01531	1.01531	0.360805	0.739001	-1.35318	0.90959	0.964088	-1.03725	0.919275	1.39288	1.39288	0.239284	1.49114	1.49114	0.9623	1.57977	1.45925	1
cg14730465	VANGL2	0.527115	0.4185808	0.4590442	-2.17845	0.429672	0.467513	-2.13898	0.663765	1.50979	1.50979	0.880581	0.874411	-1.13842	0.12207	1.206312	-4.24702	0.393506	0.43901	-2.27785	0.1243533	0.208807	-4.78811	0.153519	0.238786	-4.18786	0.503775	0.527813	-1.89461	0.962388	15.51598	14.4886	1
qp0532924	ZNF669;ZNF669	0.527122	0.141311	0.462811	-2.16071	0.375414	0.642062	-1.55748	0.74966	0.855627	-1.16873	0.183937	0.503318	-1.98682	0.146579	0.468175	-2.13595	0.111867	0.430308	-2.32392	0.346048	0.623361	-1.60421	0.555501	0.479947	-1.33699	0.710555	0.837565	-1.19394	0.962273	3.61521	3.33951	1
qp0510532	NRBP1	0.527126	0.84258	1.080861	-1.17005	0.847477	1.13773	1.13773	0.50455	1.142699	1.142699	0.412979	0.247387	-2.47995	0.711158	0.823589	-1.21567	0.930088	0.954971	-1.04715	0.282338	0.556222	-1.79784	0.171368	0.213964	-4.67313	0.211614	0.941618	0.943367	-1.06003	0.962266	4.20161	3.88122	1
cg21334075	UBE2Q2;UBE2Q2	0.527129	0.112646	0.712651	-1.40321	0.593635	0.899742	-1.11143	0.67196	0.919843	-1.08734	0.129597	0.725265	-1.37881	0.752563	0.939845	-1.06401	0.626155	0.908180	-1.10109	0.443077	0.857783	-1.1658	0.254101	1.26315	1.26315	0.925381	1.01855	1.01855	0.96226	0.586429	0.541714	1
cg09182620	MAG;MAG	0.527135	0.8951337	1.07253	-1.07253	0.159911	1.23283	1.23283	0.853788	1.04597	1.04597	0.965135	1.02241	1.02241	0.556516	1.16983	1.16983	0.825633	1.1289	1.1289	0.676706	1.17113	1.17113	0.452799	1.49008	1.49008	0.107824	1.96225	1.96225	0.962306	1.26482	1.15372	1
qp0243643	NDUFA10	0.527138	0.144622	1.80765	1.80765	0.10313	1.96136	1.96136	0.512454	1.28532	1.28532	0.399167	0.721714	-1.38559	0.476985	1.31418	1.31418	0.739114	1.1346	1.1346	0.611613	1.21346	1.21346	0.788095	0.903218	-1.10715	0.55454	0.797827	-1.2534	0.962245	2.17566	2.0098	1
cg22166422	EP400NL	0.527146	0.952645	1.014116	1.014116	0.969344	1.009114	1.009114	0.884611	0.960621	-1.03497	0.414861	1.21808	1.21808	0.690129	0.909504	-1.0995	0.692849	1.09853	1.09853	0.0332284	1.80167	1.80167	0.290639	1.29638	1.29638	0.701123	1.095558	1.095558	0.962232	0.853833	0.788752	1
cg14781326	BPTF;BPTF	0.527165	0.4815149	1.127299	-1.26535	0.648643	1.10668	1.10668	0.553568	1.155555	1.155555	0.791096	0.939405	-1.0645	0.11433	1.14868	1.14868	0.475139	1.18449	1.18449	0.106402	0.884822	-1.13017	0.50186	1.17408	1.17408	0.134251	1.40262	1.40262	0.962308	0.84405	0.706943	1
qp0100767	AKT1;AKT1;AKT1	0.527147	0.908347	0.934674	-1.06989	0.482637	1.15198	1.5198	0.775397	1.18271	1.18271	0.274423	0.513195	-1.94858	0.053645	0.275052	-3.61596	0.395534	0.600237	-1.66601	0.642141	0.759925	-1.31591	0.341021	0.562383	-1.77815	0.890146	0.922132	-1.08444	0.9223	5.24418	4.84447	1
cg26549831	NIN2	0.527148	0.453021	1.13151	1.13151	0.740459	0.870785	0.988278	-1.01186	0.353124	0.734095	-1.36183	0.755086	0.904164	-1.10599	0.96235	1.01531	1.01531	1.01531	0.360805	0.739001	-1.35318	0.90959	0.964088	-1.03725	0.919275	1.39288	1.39288	0.239284	1.49114	1.49114	0.9623	1.57977	1.45925	1
cg05053108	GCN1L1	0.527157	0.277297	1.19722	1.197222	0.149064	0.781531	-1.27954	0.49124	0.894597	-1.11782	0.771903	0.955156	-1.04055	0.554652	0.109889	1.09889	0.658048	0.931496	-1.07354	0.107668	0.756019	-1.32272	0.787232	0.957817	-1.04404	0.866454	0.973543	-1.02718	0.962213	0.386768	0.357295	1
cg18339820	SOBP;SOBP	0.527164	0.467429	0.678153	-1.47459	?	?	?	0.306944	0.572915	-1.74546	0.847989	0.9207	-1.08613	0.146524	0.438057	-2.28281	0.674239	0.801185	-1.24815	0.968711	0.979661	-1.02076	0.201515	2.03917	2.03917	0.532467	1.39358	1.39358	0.961715	3.63736	3.30939	1
cg10428805	ZNF700;ZNF700	0.527171	0.753551	0.943839	-1.0595	0.777745	1.0533	1.0533	0.45981	1.14881	1.14881	0.471242	0.874158	-1.14401	1.1481	0.471242	-2.12137	0.109051	0.729642	-1.37009	0.102619	0.720536	-1.38786	0.912952	0.840237	-1.19004	0.702027	1.00207	0.998805	1.002551	0.962186	0.153234	0.474114	1
cg10230314	STOX2	0.527181	0.830605	0.912244	-1.0962	0.718103	0.856053	-1.16815	0.07362S6	2.35149	2.35149	0.643435	1.22122	1.22122	0.557255	0.775567	-1.28918	0.655937	0.8251	-1.21197	0.395629	0.688685	-1.45204	0.370381	0.678013	-1.4749	0.377903	0.743786	-1.47386	0.962171	2.801	2.58767	1
cg22149698	ANKRD33B	0.527182	0.7555346	0.9431	-1.06035	0.782113	0.887102	-1.12678	0.753183	1.12678	1.12678	0.488732	0.881369	-1.13486	0.665482	0.488732	-2.04788	0.575346	0.741743	-1.34844	0.722118	0.8127488	-1.38674	0.807169	0.843457	-1.18569	0.934856	0.938805	0.884475	1.142112	0.962157	0.71613	0.5307	1
cg24470119	ANGPTL4;ANGPTL4	0.527183	0.885558	0.916062	-1.09163	0.0748787	0.298885	-3.34577	0.987292	0.990351	-1.00974	0.441587	0.620213	-1.61235	0.528889	0.678163	1.47457	0.573255	0.707173	-1.41408	0.0685678	0.289059	-3.4595	0.968891	1.02402	1.02402	0.936058	0.952329	-1.05006	0.962168	5.6474	5.21729	1
cg11774381	ASPHD2	0.527189	0.368065	0.862265	-1.15974	0.127199	1.30263	1.30263	0.265967	1.20417	1.20417	0.387517	0.867649	-1.15254	0.88576	0.977221	-1.02331	0.415735	0.875176	-1.14263	0.450393	0.884025	-1.13119	0.70002	1.06402	1.06402	0.687208	1.06703	1.06703	0.962159	0.391499	0.361685	1
qp0423843	ACACA;ACACA;ACACA	0.527191	0.274812	0.6903	-1.44855	0.0721	0.868653	-1.15121	0.72231	0.872383	-1.14583	0.45797	0.694155	-1.44003	0.958871	1.02015	1.02015	0.381057	0.706938	-1.41464	0.556626	0.9240	-1.08188	0.244647	0.974107	-1.00257	0.242415	0.917533	-1.08898	0.962153	2.80869	2.53702	1
qp0533154	MAFK	0.527192	0.619662	1.21334	1.21334	0.607767	1.22172	1.22172	0.179618	1.73559	1.73559	0.569103	1.22973	1.22973	0.686873	0.854912	-1.16971	0.379262	0.705444	-1.41755	0.137721	0.538846	-1.85582	0.426591	0.730501	-1.36892	0.589731	1.2344	1.2344	0.962154	2.28022	2.10659	1
cg23218997	TCEAL3;TCEAL3	0.527197	0.0463092	0.908499	-1.10065	0.587929	1.13193	1.13193	0.0855	1.19139	1.19139	0.683853	1.23102	1.23102	0.900759	0.598344	-1.6156	0.175025	0.738227	-1.35466	0.0907759	0.758032	-1.31906	0.259262	0.842866	-1.18682	0.594151	0.900961	-1.11039	0.962152	1.5095	1.38459	1
cg16385703	FTSJD1;FTSJD1	0.527207	0.395817	1.486	1.486	0.385352	0.666726	-1.49987	0.304296	1.62351	1.62351	0.178101	1.91922	1.91922	0.29255	1.24781	1.24781	0.472265	1.767151	1.39518	0.359213	1.53925	1.53925	0.168602	1.95072	1.95072	0.949593	1.02922	1.02922	0.962148	0.21615	2.92084	1
cg22307508	ASPA;ASPA	0.527218	0.407968	0.702246	-1.42807	0.542545	1.3761	1.3761	0.447899	0.669927	-1.4927	0.652279	0.790635	-1.26481	0.0519902	0.318221	-3.14247	0.432324	1.51441	1.51441	0.917508	0.947758	-1.05512	0.88048	0.925014	1.08104	0.340554	0.601288	-1.6631	0.962108	4.0872	3.77615	1
cg22134758	KIAA0196;NSMCE2;KIAA0196	0.527219	0.7669392	0.9508	-1.0708	0.743805	0.8546	-1.0347	0.351507	0.7911	-1.26407	0.176198	0.7267	-1.37607	0.0500027	0.2500027	-4	0.626266	1.10526	1.10526	0.0854696	0.683113	-1.46389	0.84154	0.7011	1.13176	0.2425	0.7011	1.13176	0.962098	0.8429588	0.8196	28.4599	1
cg10555297	SCAI3;LOC25845	0.527224	0.0990463	1.74493	1.74493	0.261505	0.143401	1.43401	0.775873	0.915877	-1.09185	0.261572	0.697384	-1.43993	0.781901	0.894698	1.1177	0.319517	1.37257	1.37257	0.743188	1.10651	1.10651	0.856239	1.05742	1.05742	0.669678	0.876248	1.14123	0.962098	0.144409	1.3342	1
cg15449702	ABTB2	0.527228	0.4962629	0.71504	-1.39837	0.0841541	0.841541	0.841541	0.434842	1.16982	1.16982	0.272502	0.715033	-1.39833	0.150233	0.372426	-2.68536	0.398404	0.728228	-1.37262	0.153053	0.314425	0.0278067	-1.52442	0.157352	0.314425	0.0278067	-1.52442	0.157352	0.962091	0.391861	0.3391361	1
cg26955196	NIPA1;NIPA1	0.527231	0.467563	0.838282	-1.19292	0.787745	1.06652	1.06652	0.781148	1.06872	1.06872	0.644151	0.894094	-1.11739	0.559388	0.8686	-1.15128	0.287823	0.768469	-1.30129	0.442511	1.20547	1.20547	0.295491	0.771904	-1.2955	0.107027	1.521576	1.521576	0.962086	0.8677655	0.801744	1
cg19125055	RASGRP1;RASGRP1	0.527234	0.604245	0.768289	-1.30159	0.6543328	0.91303	0.91303	0.892119	1.12957	1.12957	0.794656	0.870144	-1.15893	0.674363	0.749099	-1.33459	0.802603	1.18949	1.18949	0.183736	1.28726	1.28726	0.0701312	1.08031	1.08031	0.134945	0.833347	0.966502	-1.03466	0.96198	0.398397	0.3681227	1
cg22372337	ZFP90	0.527237	0.57092	1.455	1.455	0.113977	3.08545	3.08545	0.084562	2.40002	2.40002	0.165088	2.63697	2.63697	0.236724	1.25171	1.25171	0.550723	1.44843	1.44843	0.257073	2.16957	2.16957	0.553991	1.48037	1.48037	0.407182	1.74229	1.74229	0.96077	0.533844	0.63633	1
cg19332603	DAPK1	0.527247	0.871545	1.06306	1.06306	0.958894	1.02112	1.02112	0.510909	1.28726	1.28726	0.396037	1.39043	1.39043	0.497822	1.29779	1.29779	0.223534	0.614524	-1.62728	0.401178	1.3852	1.3852	0.488475	0.7660008	-1.30547	0.106397	1.96483	1.96483	0.973323	2.1524	1.72174	1
qp0655147	ZDHHC7;ZDHHC7	0.527255	0.353553	0.843839	-1.1855	0.777745	1.0533	1.0533	0.45981	1.14881	1.14881	0.471242	0.874158	-1.14401	1.1481	0.471242	-2.12137	0.109051	0.729642	-1.37009	0.102619	0.720536	-1.38786	0.912952	0.840237	-1.19004	0.702027	1.00207	0.998805	1.002551	0.962186	0.153234	0.474114	1
cg24630593	ENGASE	0.527261	0.354293	0.47917	-2.08694	0.341426	2.13143	2.13143	0.903209	0.910356	-1.09847	0.438833	0.539811	-1.8525	0.407343	0.519791	1.92385	0.306813	0.441866	-2.26313	0.0718515	0.21195	-4.71808	0.535909	0.616359	-1.62243	0.405243	0.518197	1.92977	0.962035	0.0807	8.39027	1
cg16376677	PHOX2A	0.527264	0.122063	1.78687	1.78687	0.170247	0.641459	1.44899	0.526236	1.24622	1.24622	0.316557	0.710586	-1.40729	0.70805	0.979135	-1.0143	0.419633	1.3271	1.3271	0.0778	1.37751	1.37751	0.818938	1.08406	1.08406	0.791918	0.913495	-1.0947	0.972292	1.76394	1.41105	1
cg24851608	SDK1	0.527271	0.466534	0.573115	-1.74483	0.598635	1.00981	1.00981	0.95243	1.04664	1.04664	0.581244	1.51973	1.51973	0.220783	0.800187	-1.63028	0.429364	0.544135	-1.83784	0.227691	0.586217	-1.58522	0.191055	0.533432	-1.8294	0.91789	0.925452	-1.08055	0.962018	8.59979	8.0027	1
cg01603247	CLPTM1L	0.527274	0.632412	0.839501	-1.19118	0.615342	1.18937	1.18937	0.874781	1.08892	1.05892	0.526841	0.792332	-1.2621	0.802056	0.496813	-2.01283	0.106765	0.527679	-1.89509	0.558877	1.23934	1.23934	0.631956	0.833902	-1.19147	0.802325	0.912964	-1.09533	0.962002	2.00786	1.85526	1
qp0640742	PGBD5	0.527281	0.2748121	0.6903	-1.44855	0.0721	0.868653	-1.15121	0.72231	0.872383	-1.14583	0.45797	0.694155	-1.44003	0.958871	1.02015	1.02015	0.381057	0.706938	-1.41464	0.556626	0.9240	-1.08188	0.244647	0.974107	-1.00257	0.242415	0.917533	-1.08898	0.962153	2.80869	2.53702	1
cg22017777	EPB41L4A	0.527292	0.779673	0.813664	-1.22901	0.485118	1.68472	1.68472	0.592142	1.4883	1.4883	0.414614	1.84628	1.84628	0.546918	0.638758	-1.56554	0.345435	2.04313	2.04313	0.270021	2.32685	2.32685	0.0719671	4.37929	4.37929	0.249784	2.42147	2.42147	0.961982	8.23709	7.61122	1
cg10236858	ZNF687	0.527297	0.971197	1.00586	1.00586	0.827829	1.03585	1.03585	0.654032	1.07057	1.07057	0.725641	0.944619	-1.05863	0.454257	1.13118	1.13118	0.87253	1.02631	1.02631	0.854877	0.9429199	0.9180351	-1.08955	1.24945	0.833347	0.966502	-1.03466	0.96198	0.398397	0.3681227	1
cg10551645	CLEC9A	0.527295	0.861246	1.04091	1.040911	0.337875	0.797396	-1.25408	0.353484	0.604957	-1.65301	0.966977	0.990558	-1.00953	0.652994	0.901485	1.10928	0.962992	0.989424	-1.01069	0.385106	1.22637	1.22637	0.417277	1.20921	1.20921	0.831295	0.952286	1.0501	0.961977	0.800072	0.739284	1
cg24623196	C12orf41	0.527273	0.545902	1.14521	1.14521	0.931595	1.01923	1.01923	0.357445	1.23363	1.23363	0.102396	1.48667	1.48667	0.533714	0.865901	1.15008	0.176703	1.37521	1.37521	0.557704	0.876748	-1.14058	0.760138	1.0701	1.0701	0.255408	1.30137	1.30137	0.961969	0.749866	0.692899	1
qp0916040	C1orf73	0.527299	0.636372	0.818	-1.58298	0.0914993	1.14121	1.14121	0.525441	1.19474	1.19474	0.214221	1.04777	1.04777	0.0725641	1.17059	1.17059	0.882603	1.02783	1.02783	0.425342	1.11318	1.11318	0.89505	1.02631	1.02631	0.854877	0.9429199	0.9180351	-1.08955	1.24945	0.833347	0.966502	-1.03466	0.96198	0.398397	0.3681227	1
cg12907060	EF1B2;EF1B2;EF1B2;NDUFS1	0.527306	0.264531	0.861291	-1.16105	0.219002	1.18395	1.18395	0.218622	1.18074	1.18074	0.600132	1.07028	1.07028	0.321283	0.89108	-1.12223	0.710839	1.04898	1.04898	0.0514007	0.996955	-1.00305	0.309444	1.1446	1.1446	0.361434	1.12802	1.12802	0.961959	0.251194	0.232113	1
cg19191502	C21orf57;C21orf57;C21orf70	0.527307	0.1674264	1.75381	1.75381	0.178173	0.815842	1.22648	0.148376	1.83876	1.83876	0.138642	0.55901	-1.78938	0.9002	1.12412	1.12412	0.0776	1.38846	1.38846	0.0514007	0.996955	-1.00305	0.309444	1.1446	1.1446	0.361434	1.12802	1.12802	0.961959	0.251194	0.232113	1
cg07837431	KLK6;KLK6;KLK6	0.527312	0.3894	0.528275	-1.89295	0.153995	0.331539	-3.01623	0.903853	1.09135	1.09135	0.763159	0.803628	-1.24436	0.306099	0.4646424	2.15228	0.254425	0.422807	-2.36515	0.0959997	0.2664927	-3.75246	0.380607	0.521745	-1.91665	0.643268	1.40127	1.40127	0.961934	7.97224	7.36686	1
cg17167536	XK96	0.527319	0.128372	0.294533	-3.3952	0.518207	0.614372	-1.62768	0.924106	1.07343	1.07343	0.545972	0.63479	-1.57532	0.158642	0.326076	-3.06677	0.326679	0.470912	-2.12354	0.0912815	0.250789	-3.98742	0.374992	0.508043	-1.96834	0.445026	0.560445	-1.7843	0.961902	8.4262	7.78661	1
cg18705039	MLL1	0.527342	0.309907	0.644163	-1.55272	0.0943531	0.623548	-1.60389	0.776756	0.940498	-1.06317	0.857242	0.564436	-1.77058	0.415178	0.713135	-1.40216	0.216538	1.28953	1.28953	0.0510865	0.2772763	-3.60755	0.0242797	0.2644952	-3.78145	0.0242797	-3.78145

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1040T vs. N)	Fold-Change(1 vs. N)	p-value(1057T vs. N)	Fold-Change(1 vs. N)	p-value(1111T vs. N)	Ratio(1111T vs. N)	p-value(1122T vs. N)	Fold-Change(1 vs. N)	p-value(1217T vs. N)	Fold-Change(1 vs. N)	p-value(1247T vs. N)	Fold-Change(1 vs. N)	p-value(1477T vs. N)	Fold-Change(1 vs. N)	p-value(1537T vs. N)	Fold-Change(1 vs. N)	p-value(5377T vs. N)	Fold-Change(1 vs. N)	p-value(5637T vs. N)	Fold-Change(1 vs. N)	F(Error)
ou0008140	DACH2;DACH2	0.527711	0.309993	0.229729	0.40085	0.711451	0.592106	-1.68889	0.998224	0.996865	-1.00314	0.2265	0.59636	5.99076	0.177399	7.55313	-1.55313	0.253055	0.185669	-5.38591	0.87502	1.24859	1.24859	0.3235	4.21264	4.21264	0.860752	1.28102	0.861266	30.2887	28.0082	1
ou04304121	FAM179A	0.527717	0.491415	0.648389	-1.54228	0.123291	2.81506	2.81506	0.268572	2.04294	2.04294	0.607653	0.725381	-1.37859	0.315201	0.525265	-1.9038	0.357627	0.556274	-1.79768	0.861905	1.11398	1.11398	0.564252	1.43526	1.43526	0.752956	0.822217	-1.21622	0.961256	5.8514	5.41088	1
ou16506703	CHSTB	0.527717	0.119347	0.708443	-1.41155	0.193705	0.755443	-1.32373	0.971526	1.00731	1.00731	0.294604	0.801174	-1.24817	0.436243	1.17584	1.17584	0.463919	0.858967	-1.16419	0.432243	0.849207	-1.17757	0.201157	0.759339	-1.31693	0.782965	0.945245	-1.05793	0.961256	0.6331155	0.585488	1
ou20601730	ATP5C1;ATP5C1;ATP5C1;ATP5C1;KIN	0.527723	0.434683	1.16816	1.16816	0.28255	0.804334	-1.24326	0.907543	1.02291	1.02291	0.394628	1.18532	1.18532	0.0727586	1.67681	-1.47748	0.910355	0.978277	-1.0222	0.508872	0.877504	-1.1396	0.43705	0.850755	-1.16719	0.937508	1.01541	1.01541	0.961245	0.5788666	0.535293	1
ou06812612	FLYWCH1;FLYWCH1	0.527732	0.646645	1.10891	1.10891	0.439679	0.83819	-1.19305	0.360392	1.23441	1.23441	0.516363	0.862972	-1.15879	0.587367	1.13056	1.13056	0.175469	1.38082	1.38082	0.547318	1.14613	1.14613	0.0872293	1.52642	1.52642	0.712903	1.0863	0.961256	0.7636659	0.706187	1
ou05141650	ARID1B;ARID1B;ARID1B	0.527737	0.971331	0.984692	-1.01565	0.125376	2.04655	2.04655	0.122251	2.06085	2.06085	0.174499	1.86565	1.86565	0.788011	1.1234	1.1234	0.178567	1.85345	1.85345	0.656619	1.21311	1.21311	0.65836	1.21183	1.21183	0.880249	0.936984	-1.06725	0.961221	2.83793	2.62428	1
ou22031873	INPP4B;INPP4B	0.527739	0.241786	0.482175	-2.07393	0.694927	1.26448	1.26448	0.755848	0.830523	-1.20406	0.434754	0.622205	-1.60719	0.330403	0.549934	-1.8184	0.910875	0.935508	-1.06894	0.0599139	0.2825791	-3.53883	0.464314	1.55803	1.55803	0.801969	0.861038	-1.16139	0.961218	5.39625	4.9902	1
ou27254386	MCCC2	0.527749	0.198951	0.464525	-2.16358	0.692371	1.32168	1.32168	0.922309	0.945148	-1.05804	0.187	0.445367	-2.24534	0.501511	0.475008	-2.14366	0.189282	2.2349	2.2349	0.731324	0.820553	-1.21869	0.679457	1.27367	1.27367	0.344934	0.569741	-1.75519	0.961202	5.00147	4.70842	1
ou14077847	TRIM37;TRIM37;TRIM37;TRIM37	0.527754	0.984016	1.00459	1.00459	0.235217	1.32923	1.32923	0.769308	1.06959	1.06959	7	0.7638	1.45614	0.142965	1.42965	-1.42965	0.338851	0.798097	-1.25298	0.434566	0.833277	-1.20008	0.773268	1.06831	1.06831	0.314951	1.26834	1.26834	0.950475	0.700227	0.736713	1
ou08249399	ZNF174;ZNF174;ZNF434	0.527762	0.541416	1.3324	1.3324	0.341146	1.57674	1.57674	0.671069	1.21934	1.21934	0.241564	0.566057	-1.76661	0.744069	1.16425	1.16425	0.1364	2.10628	2.10628	0.314838	1.62013	1.62013	0.838101	0.909395	-1.09963	0.365033	0.649161	-1.54045	0.961178	3.28062	3.03389	1
ou11960243	CDL11A2;CDL11A2;CDL11A2	0.527767	0.145705	0.771976	-1.29566	0.176995	2.46556	2.46556	0.0384648	2.42059	2.37761	0.0954904	1.55336	1.55336	0.72412	1.15246	1.15246	0.733834	0.775546	-1.28977	0.581712	1.56028	1.56028	0.0139125	2.02881	2.02881	0.0117909	1.35907	0.961617	10.2769	9.50409	1
ou00405803	LOC645323	0.527777	0.871127	0.889709	-1.12396	0.975774	0.97838	-1.0221	0.165665	2.89852	2.89852	0.34139	2.02519	0.829255	0.863991	-1.15742	0.455657	0.578735	-1.72791	0.104608	0.729832	0.5852	0.654521	0.730465	-1.36899	0.660225	1.37495	1.37495	0.961154	7.88668	7.29372	1
ou09440686	ANKRD11	0.527785	0.34726	0.671734	-1.63437	0.305434	1.71308	1.71308	0.8642318	2.87398	2.87398	0.533842	0.72564	-1.37809	0.865893	0.917757	-1.0896	0.557781	1.15114	1.15114	0.4243021	1.11958	1.11958	0.550698	1.15382	1.15382	0.77524	0.86473	-1.15643	0.961146	3.92353	3.62857	1
ou04904335	VWC2	0.527784	0.498884	0.741818	-1.34804	0.465039	0.723637	-1.38191	0.965447	1.05881	1.05881	0.15081	0.41702	-2.39844	0.758604	0.47681	-2.14351	0.509337	0.747361	-1.33804	0.0429258	0.362928	-2.75536	0.55016	0.768736	-1.30084	0.609067	0.799002	-1.25156	0.961142	2.88097	2.66499	1
ou27508096	ELK3	0.527791	0.338696	0.747004	-1.33868	0.387434	1.29954	1.29954	0.425281	1.27228	1.27228	0.514112	0.822267	-1.21615	0.153402	0.636277	-1.57164	0.740352	1.10336	1.10336	0.424366	1.27291	1.27291	0.360732	1.32035	1.32035	0.503954	0.818257	-1.22211	0.961131	1.3316	1.23151	1
ou27855130	PBX1	0.527797	0.946022	1.04515	1.04515	0.01604	2.01758	2.01758	0.96451	1.95451	1.95451	0.211327	0.5179	-1.93007	0.0611284	2.12642	2.12642	0.190288	1.73144	1.73144	0.396124	1.12504	1.12504	0.182482	1.47123	1.47123	0.804531	0.949943	-1.05939	0.962426	0.988991	1.03113	0.961159	0.8405	0.77791	1
ou18963307	PSMB8;PSMB8;PSMB8	0.527798	0.0698449	0.553925	-1.8053	0.580161	0.8497755	-1.17681	0.513328	0.824345	-1.21308	0.300174	0.731359	-1.36732	0.876164	0.955575	-1.04649	0.983942	1.00588	1.00588	0.290478	1.37667	1.37667	0.529799	0.83071	-1.20379	0.575356	1.1793	1.1793	0.961118	1.29249	1.19536	1
ou00407659	ANKAS;ANKAS	0.527798	0.881727	1.0609	1.0609	0.0324185	2.70328	2.70328	0.96767	1.01622	1.01622	0.669413	1.58565	1.58565	0.911594	1.04509	1.04509	0.292154	1.54341	1.54341	0.690682	0.853145	-1.17213	0.886383	0.944811	-1.05841	0.742443	0.877267	-1.1399	0.961117	2.40012	2.21975	1
ou05635764	ATP1IA	0.527805	0.21313	0.174603	-5.72728	0.615752	0.954511	1.95451	0.211027	2.13179	-1.57603	0.609392	1.98566	1.70198	0.143063	-6.98994	0.485321	0.389142	-2.56976	0.205897	0.169239	-5.90881	-6.47985	0.154225	0.38279	-2.6124	0.333564	0.264949	-3.77431	0.961105	26.9708	24.9442	1
ou18199720	TRIM33;TRIM33	0.527807	0.53128	0.909365	-1.09967	0.474445	0.896749	-1.11514	0.703504	1.05896	1.05896	0.735353	1.05214	1.05214	0.883873	0.978342	-1.02214	0.956649	1.00818	1.00818	0.471327	0.896035	-1.11603	0.83942	1.03086	1.03086	0.0406634	1.42487	1.42487	0.961103	0.3416653	0.315982	1
ou25441338	BCAS3;BCAS3	0.527808	0.757938	0.845493	-1.18281	0.483773	0.997109	-1.00241	0.187106	0.495791	-2.01698	0.882715	1.00582	1.00582	0.0914642	1.72075	-1.72075	0.596639	1.30735	1.30735	0.35139	1.05624	1.05624	0.729302	1.19476	1.19476	0.59015	0.761215	-1.31369	0.9611	3.83237	3.54442	1
ou09289712	UCTL2	0.527811	0.482161	0.880601	-1.13559	0.880628	0.995688	-1.00433	0.308402	0.823803	-1.20641	0.614329	0.913529	-1.09466	0.210268	1.2649	1.2649	0.896787	0.977164	-1.02337	0.126252	1.34239	1.34239	0.415552	1.15966	1.15966	0.494237	1.13152	1.13152	0.961095	0.4822555	0.446024	1
ou01031983	KLF15	0.527814	0.440786	0.619219	-1.61555	0.736985	1.38133	1.38133	0.729403	1.08207	1.08207	0.276644	0.858047	1.16539	0.662787	1.06376	-1.0376	0.335039	0.532872	-1.87721	0.0732202	0.2407221	-4.15907	0.0478948	0.812591	-1.23063	0.564459	1.3881	1.3881	0.961109	0.5153671	0.477085	1
ou26561313	SAMD14	0.527828	0.189563	0.471274	-2.12191	0.487354	1.46525	1.46525	0.280133	1.83643	1.83643	0.629202	1.30136	1.30136	0.149317	0.432964	2.30966	0.529063	0.708054	-1.41232	0.525149	1.41709	1.41709	0.740464	1.19718	1.19718	0.774513	1.855983	-1.16825	0.961067	4.46141	4.12635	1
ou22857872	NDUFS5	0.527842	0.755882	0.9608	-1.0408	0.0979885	0.792351	-1.26207	0.52105	1.08698	1.08698	0.453141	0.906655	-1.10296	0.636247	1.06299	1.06299	0.465244	0.909105	-1.09998	0.724482	0.955635	-1.04642	0.617063	0.936641	-1.06764	0.100657	0.794075	-1.25933	0.961042	0.2502259	0.23147	1
ou11599944	SPRY2	0.527851	0.224237	0.5668	-1.76423	0.0515541	1.62351	1.62351	0.421795	0.801213	1.24774	0.223974	0.831637	-1.20208	0.561482	0.781637	-1.27944	0.540009	1.10931	1.10931	0.598164	1.14516	1.14516	0.549149	0.973566	-1.02715	0.769085	0.927686	-1.07795	0.961027	0.989564	0.915284	1
ou16674020	SDK1;SDK1	0.527852	0.747877	1.07289	1.07289	0.259967	1.29522	1.29522	0.471695	0.852394	-1.17317	0.793049	1.05903	1.05903	0.668305	0.910255	-1.09859	0.490455	0.858299	-1.1651	0.246013	1.303	1.303	0.37786	1.21821	1.21821	0.160654	0.721147	-1.38668	0.961026	0.7204218	0.669949	1
ou12829455	DOCK3	0.527863	0.688457	0.764148	-1.30805	0.3138209	2.02045	2.00415	0.392803	1.79364	1.79364	0.263427	0.458478	-2.18113	0.280503	0.472996	-2.11418	0.585339	0.692325	-1.44441	0.928862	0.942147	-1.06141	0.193757	0.346288	-2.88777	0.431643	0.585292	-1.70855	0.961007	6.77936	6.2706	1
ou21725265	HOMER3;HOMER3;HOMER3;HOMER3;	0.527865	0.844335	0.963018	-1.0384	0.861667	1.034	1.034	0.419899	0.853877	-1.17113	0.356887	1.19918	1.19918	0.0939816	1.4233	1.4233	0.712868	0.9316	-1.07342	0.344357	0.829689	-1.20527	0.315757	1.21997	1.21997	0.661786	0.919085	-1.08804	0.961003	0.559239	0.517273	1
ou17867194	SLC9A6	0.527884	0.129841	0.706536	-1.41496	0.150238	0.913077	1.0952	0.285355	1.66843	1.66843	0.274161	1.14744	1.14744	0.708979	1.41039	-1.41039	0.331129	0.802255	-1.24637	0.144792	1.23756	1.23756	0.187702	1.37051	1.37051	0.960778	0.685943	0.634487	1
ou16091319	TROVE2;TROVE2;UCHL5	0.527881	0.841133	0.962361	-1.03911	0.943072	1.01375	1.01375	0.49274	1.34742	1.34742	0.453792	0.859528	-1.16343	0.326121	0.823814	-1.21387	0.480273	1.14702	1.14702	0.341633	0.739256	-1.35271	0.442172	1.16361	1.16361	0.192305	0.768118	-1.30168	0.960976	0.556179	0.514457	1
ou08404598	INHBC	0.527887	0.178277	0.380801	-2.62611	0.0813183	1.65105	1.65105	0.0813183	2.73405	2.73405	0.0813183	0.872407	-1.14618	0.738244	0.802907	-1.24577	0.355669	0.678758	-1.47376	0.124006	0.330035	-3.03006	0.0813183	1.07743	1.07743	0.860967	0.930202	-1.07491	0.960967	4.42595	4.13371	1
ou13904199	HNRNPK;HNRNPK;HNRNPK	0.527899	0.863047	1.02327	1.02327	0.875576	0.979342	-1.02109	0.199186	1.19808	1.19808	0.151094	0.814682	-1.22747	0.574347	1.07853	1.07853	0.677455	1.0573	1.0573	0.54056	1.08603	1.08603	0.859612	0.976692	-1.02386	0.134947	1.23947	1.23947	0.960945	0.2700092	0.249839	1
ou03634243	FTL40	0.527911	0.243968	1.616	1.616	0.593331	1.23643	1.23643	0.0431026	2.49998	2.49998	0.716965	1.1543	1.1543	0.922753	0.962533	-1.03893	0.68967	0.853824	-1.1712	0.56619	1.25648	1.25648	0.859106	1.07246	1.07246	0.543033	0.784742	-1.2743	0.960925	2.35919	2.18213	1
ou18018562	JAKMIP3	0.527913	0.182854	-3.04917	-1.0552	0.284076	0.924157	1.08207	0.0431026	0.924157	1.08207	0.0431026	0.870663	-1.14862	0.125405	0.908681	-1.10037	0.384782	0.597795	-1.4372	0.109386	0.508355	-1.9666	0.0431026	0.837646	-1.19402	0.0922191	-1.915	0.214012	0.423182	-2.36305	0.960921	0.57503	0.68215	1
ou21880222	SLC9A2	0.527916	0.354207	0.447013	-2.23707	0.21229	0.329627	-3.03373	0.922868	0.92145	-1.08525	0.966266	0.964906	-1.03637	0.269564	0.37862	-2.64117	0.36807	0.457951	-2.18364	0.0824481	0.19692	-5.07821	0.138238	0.259702	-3.85057	0.699975	0.721016	-1.38693	0.960916	10.8597	10.0457	1
ou02882487	EXTL3	0.527920	0.419606	0.824301	1.21298	0.139358	1.07185	0.473766	1.4846	1.4846	0.832199	0.808888	1.12247	1.12247	0.0151015	2.12218	0.482292	-2.04796	0.647502	0.778274	-1.28483	0.332198	3.01048	0.155007	0.464564	-2.15308	0.192458	0.324853	-3.07853	0.960902	4.51233	4.17416	1
ou00142759	TBC1D1	0.527928	0.355828	0.693133	-1.44272	0.0495132	0.421096	2.37476	0.842272	1.07992	1.07992	0.513119	1.29164	1.29164	0.598266	1.22776	1.22776	0.974995	0.987977	-1.01217	0.9529	0.977462	-1.02306	0.743001	0.888109	-1.12593	0.438164	0.9568	0.988564	0.962652	0.266522	2.09667	1
ou00727483	ARHGEF9	0.527936	0.170454	0.8892137	-11.209	0.274789	0.152421	-6.56077	0.717066	0.54745	-1.82665	0.44917	12.9464	12.9464	0.890222	1.2574	1.2574	0.253004	0.138552	-7.21751	0.746905	1.70927	1.70927	0.948954	0.899431	-1.11181	0.847901	1.37422	1.37422	0.960882	41.7089	38.584	1
ou11438827	BCOR;BCOR	0.527941	0.152521	0.4106	-2.43609	0.0578597	1.71414	1.71414	0.285355	1.95844	1.95844	0.504697	-1.70214	0.836875	0.599463	1.67412	-1.67412	0.144542	0.713193	0.887859	1.20147	1.20147	0.696384	0.0963854	1.68054	1.68054	0.765707	1.47514	1.47514	0.960864	25.7522	23.8231	1
ou25470135	CMIP;CMIP	0.527951	0.85652	0.918592	-1.08862	0.302057	1.65139	1.65139	0.0499624	2.85434	2.85434	0.413911	1.47974	1.47974	0.834802	0.906671	-1.10294	0.671212	1.2218	1.2218	0.472977	0.730027	-1.4084	0.400815	1.49702	1.49702	0.947832	1.03118	1.03118	0.960856	5.34972	3.09883	1
ou10591948	GRN	0.527957	0.416607	0.54604	-1.83137	0.634222	1.41812	1.41812	0.789371	0.822729	-1.21547	0.965985	0.969398	-1.03157	0.141232	1.47974	0.834802	0.906671	-1.10294	0.671212	1.2218	1.2218	0.472977	0.730027	-1.4084	0.400815	1.49702	1.49702	0.947832	1.03118	1.03118	0.960856	5.34972	3.09883	1
ou21592340	SEC61A2;SEC61A2;SEC61A2;SEC61A2;S	0.527962	0.375417	0.593127	-1.68598	0.621039	1.33129	1.33129	0.757149	1.19495	1.19495	0.824912	1.13567	1.13567	0.566065	0.716712	-1.39526	0.052062	0.281125	-3.55714	0.458407	1.5427	1.5427	0.414616	0.619506	-1.61419	0.699135	0.800117	-1.24982	0.960838	5.01722	4.64153	1
ou02705835	CCDC71	0.527965	0.333158	1.86197	1.86197	0.122118	2.83878	2.83878	0.490801	1.54623	1.54623	0.312176	1.91754	1.91754	0.175094	0.407371	-2.45476	0.55885	1.445	1.445	0.623047	1.36139	1.36139	0.498841	1.53347	1.53347	0.956093	0.966296	-1.03488	0.960833	5.90082	5.45899	1
ou25967957	OGDH;OGDH;OGDH	0.527969	0.965345	1.01754	1.01754	0.0511	1.46369	1.46369	0.284126	0.974161	-1.14742	0.708899	1.08139	1.08139	0.0911	1.44779	-1.44779	0.331129	0.802255	-1.24637	0.144792	1.23756	1.23756	0.187702	1.37051	1.37051	0.960778	0.685943	0.634487	1
ou21803245	KIAA0284;KIAA0284	0.527999	0.712018	0.805442	-1.11677	0.784363	1.08513	1.08513	0.76344	0.914019	-1.09407	0.821687	1.06955	1.06955	0.259783	0.704592	-1.41926	0.274858	0.712919	-1.40268	0.0800764	0.560795	-1.78318	0.192778	0.663279	-1.50766	0.653487	1.14407	1.14407	0.960775	1.34995	1.24895	1
ou26870936	RECQL5;LOC643008;LOC643008	0.528008	0.142227	0.3852	-3.51413	0.521008	1.6861	1.6861	0.177603	0.791226	-1.26386	0.536385	0.604769	-1.65312	0.0607227	0.182958	-5.46493	0.577056	1.07993	1.07993	0.162697	1.20233	1.20233	0.680487	1.05714	1.05714	0.065158	1.32028	1.32028	0.960758	0.2739958	0.253502	1
ou02100375	ABCB9;ABCB9;ABCB9	0.528024	0.552462	1.09461	1.09461	0.224219	1.21173	1.21173	0.141985	2.24098	2.24098	0.749166	1.1543	1.1543	0.922753	0.962533	-1.03893	0.145081	1.26539	1.26539	0.410667	1.1349	1.1349	0.865904	1.02575	1.02575	0.122829	1.28592	1.28592	0.960731	0.3442663	0.31852	1
ou04239558	SLC9A4	0.528053	0.182854	-3.04917	-1.0552	0.284076	0.924157	1.08207	0.0431026	0.924157	1.08207	0.0431026	0.870663	-1.14862	0.125405	0.908681	-1.10037	0.384782	0.597795	-1.4372	0.109386	0.508355	-1.9666	0.0431026	0.837646	-1.19402	0.0922191	-1.915	0.214012	0.423182	-2.36305	0.960921	0.57503	0.68215	1
ou24035229	BCOR;L1	0.528045	0.201683	0.114564	-8.72871	0.917325	0.18159	-7.18159	0.985383	1.02988	1.02988	0.175659	10.1159	10.1159	0.474234	3.2205	3.2205	0.146629	0.0817847	-12.2272	0.727525	1.75438	1.75438	0.810331	1.47165	1.47165	0.594759	0.421978	-2.36979	0.960697	39.2929	36.356	1
ou02982602	MYL4;MYL4	0.528053	0.501863	1.33731	1.33731	0.606022	1.18602	1.18602	0.965526	0.881738	-1.0186	0.720947	0.861542	-1.16125	0.121198	0.482292	-2.04796	0.359971	0.669416	-1.49384	0.873115	0.870553	0.8028372	0.439706	-2.27424	0.624382	0.892022	-1.12423	0.960694	2.76691	2.5601	1
ou01599150	CHD5	0.528064	0.642133	1.25594	1.25594	0.375826	1.55668	1.55668	0.342148	1.61055	1.61055	0.81281	1.12244	1.12244	0.438461	0.6168	1.6168	0.130346	2.21564	2.21564	0.342401	0.621077	-1.61013	0.133412	2.1096	2.1096	0.57606	0.31662	1.31662	0.960663	1.60731	1.3378	1
ou22211866	HMG20A	0.528068	0.300026	1.4241	1.4241	0.373661	1.35069	1.35069	0.852189	0.940447	-1.06332	0.142411	0.595077	-1.68045	0.731485	1.12007	1.12007	0.990723	1.00383	1.00383	0.28934	1.43626	1.43626	0.937247	0.974413	-1.02626	0.18582	1.5869	1.5869	0.960656	1.64865	1.52549	1
ou20284891	GPR157	0.528069	0.330863	1.804893	1.2424	0.341141	1.34141	1.34141	0.407163	0.846498	-1.18146	0.904717	1.13358	1.13358	0.0425405	2.08223	-2.08223	0.639407	0.9089	-1.10023	0.0258599	0.4694	1.4694	0.591003	1.11609	1.11609	0.13406	0.2205	1.2205	0.960655	0.623685	0.577093	1
ou05400732	ARHGEF3	0.528081	0.540696	0.625469	-1.5988	0.0614582	0.202632	-4.93505	0.286136	0.432009	-2.31477	0.994121	1.0056	1.0056	0.25435	0.399939	-2.50038	0.521788	1.63551	1.63551	0.459081	0.558825	-1.78947	0.435996	0.547633	-1.82604	0.808598	1.12063	1.12063	0.960634	8.73445	8.08211	1
ou16430099	MAN1A2	0.528082	0.763864	0.9611	1.04041	0.0508286	1.39006	-4.9567	0.5017	1.17314	0.706455	1.32284	1.13286	1.13286	0.833746	0.930554	-1.07175	0.448054	0.72904	-1.37165	0.0964755	0.82671	1.82671	0.709998	0.554825	1.44816	1.44816	0.154718	0.815759	-1.22585	0.960613	1.16591	1.05991	1
ou04178011	DEFA3;DEFA1B;DEFA1	0.528089	0.802731	0.715399	-1.39782	0.124057	0.28524	-3.28524	0.0745431	0.0700781	-14.2698	0.776027	0.682733	-1.4647	0.813793	1.37122	1.37122	0.958336	1.0724	1.0724	0.913392	1.1567	1.1567	0.90274	0.914804	-1.17771	0.509952	0.408893	-2.44562	0.96062	27.2372	25.2034	1
ou06703062	MATN1	0.528093	0.983286	1.00878	1.00878	0.141411	0.704218	-1.42001	0.587412	1.25723	1.25723	0.781136	1.12332	1.12332	0.981906	0.687669	-1.45413	0.126121	0.501106	-1.99559	0.219655	0.583402	-1.71408	0.295667	1.57264	1.57264	0.699416	1.17584	1.17584	0.960614	2.65193	2.45392	1
ou25239767	FLJ43663;FLJ43663	0.528095	0.806056	0.966979	-1.03456	0.805626	1.04655	-1.0155	0.765355	1.04596	1.04596	0.0100405	1.78384	1.78384	0.0139396	1.50922	-1.50922	0.547732	0.831681	-1.2022	0.0982	1.89938	1.89938	0.0105	1.01937	1.01937	0.972364	1.17009	1.17009	0.960613	0.288679	0.267208	1
ou23508591	PTPN9	0.528138	0.0882121	1.48442	1.48442	0.296487	0.796687	-1.2552	0.250915	0.777325	-1.28646	0.737431	1.07321	1.07321	0.578087	0.888718	-1.12522	0.784441	1.05926	1.05926	0.422856	0.842066	-1.18756	0.784824	0.944152	-1.05915	0.787205	0.94477	-1.05846	0.960537	0.67074	0.620708	1
ou07014777	TMEM4	0.528139	0.327664	1.5599	1.5599	0.837494	1.03007	1.03007	0.553499	0.90968	-1.09929	0.384233	1.13734	1.13734	0.0440928	1.3883	1.3883	0.112402	1.12202	1.12202	0.0107273	1.18176	1.18176	0.0447253	1.11822	1.11822	0.410173	1.12918	1.12918	0.960535	0.336517	0.292908	1
ou08996790	ABHD5	0.528139	0.934792	1.03604	1.03604	0.337777	0.652096	-1.53352	0.576725	0.783961	-1.27557	0.634236	1.23045	1.23045	0.287228	1.48635	1.48635	0.128413	1.49128	1.49128	-2.03613	0.636505	0.813855	-1.22872	0.208941	1.77371	1.77371	0.224911	0.12491	1.24691	0.960535	2.8479	2.63547	1
ou00047694	LOC732275	0.528143	0.760949	0.844668	-1.18362	0.374347	0.604259	-1.65492	0.673651	1.26365	1.26365	0.710252	0.813699	-1.22896	0.389402	0.614295	-1.62788	0.104853	0.375626	-2.66233	0.0945168	0.362279	-2.7603	0.232895	0.501049	-1.99581	0.770736	0.850927	-1.17519	0.960529	4.64292	4.29664	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03826194	LOC121838	0.528549	0.833104	1.12704	0.112824	1.13239	2.61513	0.513098	0.686649	-1.45635	0.829146	1.1303	1.1303	0.40224	0.615158	-1.6256	0.609398	1.03919	1.33919	0.793707	1.68013	1.16013	0.120503	0.380214	-2.59731	0.275497	0.525722	-1.90215	0.998837	4.88331	4.52235	1
cg00511405	IFT52	0.528549	0.248921	0.78866	-1.26797	0.536717	1.13116	1.13116	0.117285	0.715223	-1.39816	0.994619	0.998672	-1.00133	0.988888	1.00275	1.00275		0.245963	1.27004	1.27004	0.364061	0.832142	-1.20172	0.777369	0.945686	-1.05743	0.583021	1.11541	1.11541	0.959836	0.589884	0.546375	1
cg20413415	NECW1 PML;PML;PML;PML;PML;PML;PML;PML	0.528552	0.322308	1.44789	1.44789	0.484767	1.29306	1.29306	0.968296	0.985716	-1.01449	0.640658	0.843513	-1.18552	0.921691	0.965031	-1.03624		0.609939	1.20473	1.20473	0.0370853	2.40198	2.40198	0.781807	1.10573	1.10573	0.678197	0.859807	-1.16305	0.95983	1.9921	1.84487	1
cg23397523	-PML	0.528561	0.295432	1.89821	1.89821	0.343026	1.78074	1.78074	0.983191	0.987633	-1.01252	0.226086	2.11879	2.11879	0.455557	1.56663	1.56663		0.126041	2.6586	2.6586	0.0768475	3.19718	3.19718	0.716776	1.24011	1.24011	0.482274	1.52478	1.52478	0.959816	5.30407	4.91212	1
cg25302952	TUBGCP2	0.528576	0.6972	0.886264	-1.12833	0.521828	0.818347	-1.22197	0.219191	1.49033	1.49033	0.4485	0.981585	-1.00935	0.613792	0.854588	-1.17015		0.0570723	0.514388	-1.94406	0.752152	0.906895	-1.10277	0.797948	1.08244	1.08244	0.734447	0.900353	-1.11068	0.959789	1.44936	1.34229	1
cg26485262	IMP3	0.528585	0.592347	0.920092	-1.08685	0.771669	0.956154	-1.04586	0.105134	1.31369	1.31369	0.985231	0.997152	-1.00286	0.35245	1.15886	1.15886		0.398511	0.875296	-1.14247	0.580622	0.917608	-1.08079	0.185286	1.24167	1.24167	0.910028	0.982732	-1.01757	0.959775	0.36091	0.334254	1
cg09660632	RUFY2;RUFY2;RUFY2	0.528591	0.342385	0.756218	-1.32222	0.498386	0.790753	-1.26464	0.952757	0.534697	-1.87032	0.885953	0.98777	1.0877	0.929658	1.00862	1.00862		0.6882703	0.526	-1.90114	0.700422	1.44117	1.44117	0.950752	0.979123	-1.02132	0.991332	0.996296	-1.00372	0.959764	1.7735	1.64253	1
cg03525199	HPRT1	0.528601	0.208568	2.24219	-1.61796	0.248474	0.646948	1.64572	0.834829	1.24965	1.24965	0.116258	0.33614	0.916548	0.781304	-1.27991			0.156047	0.197936	-5.05214	0.553004	1.06493	1.06493	0.916548	0.894155	-1.11837	0.791508	1.32683	1.32683	0.959747	17.3178	10.0392	1
cg02018291	PITPNC1;PITPNC1	0.528606	0.168027	0.446379	-2.24025	0.249283	0.5163	-1.93686	0.4887	0.679667	-1.47131	0.56887	0.728976	-1.37179	0.170655	0.448882	-2.22776		0.161239	0.439813	-2.2737	0.144063	0.422492	-2.36691	0.34954	0.516502	-1.9361	0.381223	0.610752	-1.63732	0.959738	4.58119	4.24301	1
cg02782068	SFT2D2	0.528608	0.302838	1.33112	1.33112	0.751208	1.19841	1.19841	0.214222	1.05942	1.05942	0.145652	0.944772	1.0107	1.0107	0.938584	-1.06502		0.504939	1.11219	1.11219	0.609559	0.822438	1.18632	0.913798	1.41586	1.41586	0.908	1.01831	1.01831	0.959735	0.373448	0.346807	1
cg13430118	ABI2	0.528611	0.603379	0.861507	-1.16076	0.645481	1.14082	1.14082	0.670385	1.13053	1.13053	0.941489	1.0211	1.0211					0.532657	1.1969	-1.1969	0.0964668	1.15081	1.15081	0.970048	0.903752	1.35383	1.35383	0.959729	1.22947	1.13872	1
cg27932934	CAUN1;CAUN1	0.528614	0.344708	0.679087	-1.47092	0.562374	1.26063	1.26063	0.998393	0.709832	-1.40878	0.906475	0.954484	-1.04769	0.611545	0.920102	-1.08707		0.4008207	0.611229	-1.63609	0.731868	1.0108	1.0108	0.402987	1.40391	1.40391	0.316255	0.663507	-1.50714	0.959726	2.38789	2.21164	1
cg12830548	SNORA26;KIAA0114	0.528616	0.256862	0.790462	-1.26508	0.178041	0.752495	-1.32891	0.433866	1.16944	1.16944	0.0740978	0.673354	-1.4851	0.893964	0.97385	-1.02685		0.3801111	0.995059	-1.00497	0.444409	0.856487	-1.16756	0.6156	0.904303	-1.10582	0.657019	0.915032	-1.09286	0.959722	0.6000999	0.555808	1
cg14091595	CBLB	0.528623	0.668014	0.755913	-1.3229	0.323308	0.516001	-1.93798	0.208203	2.36453	2.36453	0.375245	0.554196	-1.80441	0.56415	0.685143	-1.45955		0.310771	1.97426	1.97426	0.945113	1.04567	1.04567	0.574125	1.44525	1.44525	0.20245	0.417786	-2.39357	0.970508	6.39378	5.92197	1
cg06081917	BFAR	0.528637	0.436055	0.508152	-1.96721	0.119671	0.23801	-4.20151	0.166137	2.220373	-4.48288	0.88913	1.1259	1.21727	0.326792	1.26605			0.468208	0.533938	-1.87288	0.413743	0.491477	-2.03468	0.727004	1.10422	1.10422	0.599686	1.08353	1.08353	0.91746	1.10479	1.00422	1
cg22558303	UGGT2	0.528639	0.520603	1.19021	1.19021	0.613438	0.872652	-1.14593	0.883896	0.961679	-1.03985	0.284267	0.742707	-1.34643	0.555699	0.852679	-1.17277		0.43607	0.808578	-1.23674	0.0379706	0.52551	-1.90292	0.999012	1.00033	1.00033	0.723643	0.90941	-1.09959	0.959682	1.08685	1.00668	1
cg10537193	PSD	0.528644	0.102915	0.494083	-2.02095	0.331612	0.673123	-1.48561	0.278497	0.640641	-1.56094	0.221878	0.602091	-1.66088	0.271278	0.636309	-1.57156		0.302369	0.665599	-1.52532	0.13149	0.525496	-1.90296	0.463977	0.744873	-1.34251	0.313475	0.673628	-1.4845	0.959674	2.37342	2.19836	1
cg19881895	SLC43A3;SLC43A3;SLC43A3	0.528655	0.360918	0.319134	0.012165	0.536586	0.181604	1.81604	0.256057	1.09693	1.09693	0.78206	0.965967	-1.30554	0.138793	0.218865	-4.56903		0.591836	0.596887	-1.67541	0.454637	0.483759	-2.06714	0.246143	0.314599	-1.17865	0.700899	0.602124	-1.44483	0.959655	13.8172	12.7983	1
cg14381919	TEAD1	0.528658	0.180029	0.230856	-4.3317	0.0930928	0.149248	-6.70225	0.118019	0.174195	-5.74068	0.401175	0.41282	-2.42236	0.322555	0.349203	-2.86366		0.870109	0.844934	-1.18352	0.332468	0.357221	-2.79939	0.367648	0.385657	-2.59298	0.518338	0.509556	-1.96249	0.959649	16.1122	14.9242	1
cg07422669	DLGAP2 RNASEN;RNASEN;C5orf22;RNASEN;RNA	0.528662	0.505544	1.49512	1.49512	0.669045	0.930731	-1.07442	0.781485	1.97593	1.97593	0.75196	1.23383	1.23383	0.819775	0.829016	-1.2059		0.634655	1.32976	1.32976	0.205349	2.21553	2.21553	0.0618954	0.954089	-2.82415	0.541865	0.602374	-1.44431	0.959643	5.38721	4.99001	1
cg16409468	SEN	0.528669	0.883132	0.978066	-1.02243	0.811157	0.964553	-1.03675	0.538607	0.910397	-1.09842	0.880971	0.977661	-1.02285	0.151745	0.7933	-1.26056		0.564078	0.915833	-1.0919	0.129298	0.781044	-1.28014	0.407402	0.948727	-1.0114	0.959631	0.345517	0.320046	1
cg20753748	CCDC138 FLJ39582;FLJ39582;THAP7;THAP7;THAP	0.528676	0.5008	0.785308	-1.27339	0.557625	1.23335	1.23335	0.842959	1.07267	1.07267	0.156601	0.585142	-1.70899	0.234801	0.643758	-1.55338		0.473959	1.29377	1.29377	0.70058	0.872272	-1.14643	0.295964	0.683619	-1.4671	0.179355	0.603847	-1.65605	0.959619	1.90107	1.76095	1
cg06040980	?	0.528681	0.443694	2.66093	2.66093	0.147222	0.72311	0.72311	0.920191	0.54197	0.54197	0.27828	0.243446	-4.10769	?	?	?		0.558084	2.10077	2.10077	0.4027	0.29845	0.612029	1.89833	0.883403	0.815043	0.765084	-1.30705	0.94886	20.9792	22.1104	1
cg10621377	ZNF140	0.528698	0.995788	1.0026	1.0026	0.67529	0.813014	-1.22999	0.513426	1.38493	1.38493	0.0511116	0.33571	-2.97876	0.598682	1.25817	1.25817		0.264599	0.564779	-1.7706	0.930781	1.04361	1.04361	0.498005	0.713177	-1.40218	0.494661	0.711242	-1.40599	0.959585	3.66922	3.39889	1
cg22105215	DTWD2	0.528698	0.315753	1.44514	1.44514	0.455181	1.16393	1.16393	0.0881	1.85296	1.17234	0.0881	0.142408	1.14238	0.142408	1.14238	0.142408		0.932663	0.970105	-1.03082	0.288501	1.47259	1.47259	0.0881	1.9029	1.9029	0.960434	1.10758	1.10758	1.03982	1.96024	1.81583	1
cg08385371	SPAM1;SPAM1	0.528705	0.735064	1.18363	1.18363	0.429551	0.670023	-1.49249	0.248619	0.549575	-1.81959	0.793044	1.13941	1.13941	0.134308	0.448151	2.23139		0.26902	1.77073	1.77073	0.495934	1.40941	1.40941	0.941703	0.964349	-1.03697	0.368527	0.632264	-1.58162	0.95957	1.74431	3.46851	1
cg23012547	TM4SF20	0.528715	0.872614	1.05101	1.05101	0.475345	0.798466	-1.2524	0.573485	0.838317	-1.19287	0.86667	0.949235	-1.05348	0.0418041	0.483135	-2.06981		0.51925	1.22455	1.22455	0.85214	0.943789	-1.05956	0.506061	1.23269	1.23269	0.460188	0.792045	-1.26256	0.959556	1.46096	1.35337	1
cg24824422	SNX4	0.528716	0.180002	2.31318	2.31318	0.0881	1.24995	1.24995	0.0881	1.85296	1.17234	0.0881	0.142408	1.14238	0.142408	1.14238	0.142408		0.390023	0.483826	2.06723	?	?	?	0.418804	0.462203	2.16355	0.927023	0.81087	1.23295	0.959583	0.4931	0.4593	1
cg22559002	CCDC46	0.528716	0.971647	1.02928	1.02928	0.0563629	5.77941	5.77941	0.0992241	4.32216	0.713662	1.39882	0.744782	0.997929	0.967687	1.03339			0.88166	1.12856	1.12856	0.423948	1.9407	1.9407	0.394506	2.03011	2.03011	0.591986	1.55157	1.55157	0.959511	0.0010183	9.28053	1
cg02388261	MCF2L2;BIGNTS;BIGNTS	0.528719	0.218103	1.38219	1.38219	0.319354	0.964848	1.09225	0.153051	0.969479	1.03076	0.0881	0.142408	1.14238	0.142408	1.14238	0.142408		0.0547653	0.446403	2.24019	0.117872	0.385584	2.59343	0.0881	0.578247	-1.72936	0.648671	0.734146	1.36233	0.959549	0.64567	0.584325	1
cg01286133	APP;APP;APP;APP;APP	0.528719	0.472526	0.675061	-1.48135	0.482183	1.46836	1.46836	0.138156	2.35969	2.35969	0.975485	1.01666	1.01666	0.649095	0.78164	1.27936		0.617718	0.762925	-1.31074	0.109531	0.39129	-2.55565	0.631937	0.771408	-1.29633	0.799212	1.14692	1.14692	0.959546	4.3952	4.07156	1
cg01953108	KIF3B;KIF3B	0.528721	0.6494473	0.577463	-1.73171	0.248657	0.749452	-1.33342	0.581474	1.14208	1.14208	0.529571	0.859015	-1.16412	0.717846	0.917056	-1.09045		0.301107	0.74388	-1.29134	0.402221	0.821598	-1.21714	0.700601	0.91193	-1.09658	0.803908	0.942365	-1.06116	0.959543	0.865297	0.801582	1
cg27535047	SRSF2	0.528724	0.764794	1.08155	1.08155	0.76796	1.12008	1.12008	0.7783	1.08546	1.08546	0.812396	0.954546	1.04769	0.820645	0.753889	-1.32646		0.347148	1.12034	1.12034	0.102027	0.694769	-1.44035	0.521385	1.15721	1.15721	0.449445	0.857256	-1.16651	0.959618	0.767006	0.710533	1
cg22632062	TP53I11;TP53I11;TP53I11;TP53I11	0.528734	0.175184	0.653847	-1.52941	0.140765	1.59503	1.59503	0.757258	0.912686	-1.09567	0.870981	1.03887	1.03887	0.990473	0.996488	-1.00352		0.550226	0.836836	-1.19498	0.343111	0.749898	-1.33351	0.210248	0.677682	-1.47562	0.689322	0.88832	-1.12572	0.95951	1.3197	1.22257	1
cg22026855	ARMCX3;ARMCX3;ARMCX3	0.528743	0.332344	0.754007	-1.32642	0.613216	0.635351	-1.57393	0.413777	0.74547	-1.34139	0.715162	0.84547	-1.18284	1.38494	1.38494	1.38494		0.363805	0.4585	-2.29437	0.0804001	0.50083	-1.99601	0.820693	0.50083	1.99601	0.820693	0.50083	1.99601	0.820693	0.50083	1.99601	0.820693	1.46586	0.959597	12.0329	11.1473	1
cg04312413	TPR;MIR548F1	0.528741	0.557122	0.894452	-1.118	0.478051	1.1451	1.1451	0.444099	0.963779	-1.03758	0.447467	0.864645	-1.15654	0.746999	0.941009	-1.06269		0.941713	0.986358	-1.01383	0.930711	1.56616	1.56616	0.845615	1.03258	1.03258	0.759559	1.05936	1.05936	0.959509	0.53624	0.496772	1
cg17180631	NAV1;NAV1	0.528747	0.331007	0.803557	-1.24447	0.371007	0.818487	-1.22177	0.772483	0.938743	-1.06525	0.259135	0.771595	-1.29267	0.117551	0.690283	-1.44868		0.914075	0.97674	-1.02381	0.0754389	0.649493	-1.53966	0.979607	0.994442	-1.00559	0.959255	1.0112	1.0112	0.959499	0.722528	0.669357	1
cg14235812	RDM01;NFS1	0.528767	0.328782	0.749154	-1.33497	0.613216	0.635351	-1.57393	0.413777	0.74547	-1.34139	0.715162	0.84547	-1.18284	1.38494	1.38494	1.38494		0.363805	0.4585	-2.29437	0.0804001	0.50083	-1.99601	0.820693	0.50083	1.99601	0.820693	0.50083	1.99601	0.820693	0.50083	1.99601	0.820693	1.46586	0.959597	12.0329	11.1473	1
cg04312413	TPR;MIR548F1	0.528741	0.557122	0.894452	-1.118	0.478051	1.1451	1.1451	0.444099	0.963779	-1.03758	0.447467	0.864645	-1.15654	0.746999	0.941009	-1.06269		0.941713	0.986358	-1.01383	0.930711	1.56616	1.56616	0.845615	1.03258	1.03258	0.759559	1.05936	1.05936	0.959509	0.53624	0.496772	1
cg17180631	NAV1;NAV1	0.528747	0.331007	0.803557	-1.24447	0.371007	0.818487	-1.22177	0.772483	0.938743	-1.06525	0.259135	0.771595	-1.29267	0.117551	0.690283	-1.44868		0.914075	0.97674	-1.02381	0.0754389	0.649493	-1.53966	0.979607	0.994442	-1.00559	0.959255	1.0112	1.0112	0.959499	0.722528	0.669357	1
cg14235812	RDM01;NFS1	0.528767	0.328782	0.749154	-1.33497	0.613216	0.635351	-1.57393	0.413777	0.74547	-1.34139	0.715162	0.84547	-1.18284	1.38494	1.38494	1.38494		0.363805	0.4585	-2.29437	0.0804001	0.50083	-1.99601	0.820693	0.50083	1.99601	0.820693	0.50083	1.99601	0.820693	0.50083	1.99601	0.820693	1.46586	0.959597	12.0329	11.1473	1
cg20782553	PKDCC	0.528766	0.313388	0.515038	-1.94161	0.74898	1.23683	1.23683	0.370318	1.83877	0.700533	1.29157	1.29157	0.273865	0.470544	2.1252			0.259228	1.27991	1.27991	0.294602	0.486905	-2.05379	0.309411	2.0066	2.0066	0.634748	0.728441	-1.37279	0.959466	6.66104	6.17106	1
cg12942139	ELFN2	0.528767	0.977062	1.01852	1.01852	0.907479	1.13181	1.13181	0.711754	1.03939	1.03939	0.27073	0.694785	0.976918	0.662833	0.868839	1.15096		0.762938	1.14096	-1.05845	0.34504	1.2946	1.2946	0.677257	1.08193	1.08193	0.748088	0.941182	-1.06249	0.959466	1.08446	1.00506	1
cg08703520	ZNF324	0.528777	0.377524	0.908206	-1.10107	0.428124	0.917573	-1.08983	0.687796	1.04389	1.04389	0.257566	0.881939	-1.13387	0.722284	1.03868	1.03868		0.24674	0.879155	-1.13746	0.441997	1.08693	1.08693	0.1286	0.830751	-1.19083	0.68777	1.04389	1.04389	0.959458	0.171815	0.159178	1
cg14235812	RDM01;NFS1	0.528787	0.328782	0.749154	-1.33497	0.613216	0.635351	-1.57393	0.413777	0.74547	-1.34139	0.715162	0.84547	-1.18284	1.38494	1.38494	1.38494		0.363805	0.4585	-2.29437	0.0804001	0.50083	-1.99601	0.820693	0.50083	1.99601	0.820693	0.50083	1.99601	0.820693	0.50083	1.99601	0.820693	1.46586	0.959597	12.0329	11.1473	1
cg20782553	PKDCC	0.528786	0.313388	0.515038	-1.94161	0.74898	1.23683	1.23683	0.370318	1.83877	0.700533	1.29157	1.29157	0.273865	0.470544	2.1252			0.259228	1.27991	1.27991	0.294602	0.486905	-2.05379	0.309411	2.0066	2.0066	0.634748	0.728441	-1.37279	0.959466	6.66104	6.17106	1
cg12942139	ELFN2	0.528787	0.977062	1.01852	1.01852	0.907479	1.13181	1.13181	0.711754	1.03939	1.03939	0.27073	0.694785	0.976918	0.662833	0.868839	1.15096		0.762938	1.14096	-1.05845	0.34504	1.2946	1.2946	0.677257	1.08193	1.08193	0.748088	0.941182	-1.06249	0.959466	1.08446	1.00506	1
cg08703520	ZNF324	0.528787	0.377524	0.908206	-1.10107	0.428124	0.917573	-1.08983	0.687796	1.04389	1.04389	0.257566	0.881939	-1.13387	0.722284	1.03868	1.03868		0.24674	0.879155	-1.13746	0.441997	1.08693	1.08693	0.1286	0.830751	-1.19083	0.68777	1.04389	1.04389	0.959458	0.171815	0.159178	1
cg24318812	PTPN2-PTPN2;PTPN2-PTPRN2	0.528773	0.870253	1.0989	1.0989	0.0797933	0.324271	-3.08384	0.51925	0.683192	-1.4578	0.609099	0.742633	-1.34656	0.174427	0.434582	1.30106		0.588952	0.729983	-1.36989	0.521338	0.687382	-1.45503	0.615605	1.13742	1.13742	0.171151	0.431425	-2.3179	0.959454	0.557389	0.4689	1
cg19176048	DHRS11;DHRS11	0.528781	0.53334	0.2921	0.2921	0.657958	1.6642	1.6642	0.540282	0.99027	0.99027	0.403745	0.998801	1.0012	0.707223	1.00331	1.00331		0.775007	0.961137	0.43463	0.946033	0.716839	-1.39501	0.90606	1.01662	1.01662	0.959439	0.296332	0.274542	1
cg17789479	EIF1	0.528786	0.71914	0.844215	-1.18453	0.516878	0.734778	-1.36095	0.304926	0.607613	-1.64578	0.679358	0.822902	-1.21521	0.423251	0.681426	-1.46751		0.5459	0.750797	-1.33192	0.146843	2.07545	2.07545	0.221087	1.82801	1.82801	0.569915	1.30903	1.30903	0.959431	3.34174	3.09604	1
cg24493375	ZFP41	0.528787	0.230676	1.49755	1.49755	0.168346	0.605425	-1.62132	0.751787	0.889966	-1.12364	0.18236	1.57544	1.57544	0.458237	1.58546	1.58546		0.618304	1.1726	1.1726	0.653826	0.866813	1.15365	0.902418	1.04018	1.04018	0.512172	1.238	1.238	0.959443	1.56729	1.45205	1
cg26427896	ALK	0.528791	0.203348	1.41635	1.41635	0.122804	0.648278	-1.54255	0.614449	0.876627	-1.14074	0.336603	0.773552	-1.29279	0.33889	0.77449	-1.29117		0.679076	0.897761	-1.11388	0.298107	0.756081	-1.32261	0.932633	1.02216	1.02216	0.853536	1.05544	1.05544	0.959424	1.02117	0.946093	1
cg17873194	SLC25A14;SLC25A14	0.528795	0.187551	0.19202	-5.20873	0.0189161	0.724077	-1.38108	0.887223	1.22176	1.22176	0.182478	0.736736	1.36736	0.454518	2.93812	2.93812		0.192546	0.4274	-2.33976	0.0676515	1.51931	1.51931	0.511083	2.44913	2.44913	0.163109	2.27129	2.27129	0.959416	30.2731	28.0477	1
cg06945800	ANKRD58;ANKRD58	0.528798	0.1204458	0.047992	-20.8368	0.0700434	0.934518	-1.07007	0.0881	0.973312	-1.02762	0.208696	10.906	10.906	0.0881	8.62911			0.29084	0.138593	-7.21539	0.0636178	0.0881	10.906	0.0881	8.62911	0.0881	10.906	0.0881	8.62911	0.0881	10.906	0.0881	8.62911

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	df
ap_0_0658711	SLC38A10;SLC38A10	0.529341	0.782664	-1.27769	0.522744	1.18649	1.18649	0.371894	1.27382	1.27382	0.694318	1.1099	1.1099	0.08028819	0.609791	-1.63991	0.424909	1.806446	-1.24001	0.503717	0.835996	-1.19618	0.429825	0.808011	-1.23761	0.457049	0.818777	1.22133	0.958485	1.05792	0.981104	1
ap_0_1697058	ADAM9;ADAM9;ADAM9;ADAM9	0.529342	0.698481	1.15727	1.15727	0.703334	2.13626	2.13626	0.653606	1.18471	1.18471	0.406923	1.37484	1.37484	0.914162	1.04129	0.41129	0.441002	1.744658	-1.3429	0.704836	1.1535	1.1535	0.665278	1.17743	1.17743	0.236185	0.627654	-1.59233	0.958484	2.13734	1.98215	1
ap_0_1600974	SH2D4B;SH2D4B	0.529359	0.635208	1.28332	1.28332	0.84352	1.10866	1.10866	0.0994174	0.389584	-2.56684	0.574347	1.34475	1.34475	0.675998	1.24531	1.24531	0.514774	0.708368	-1.4117	0.500383	0.699748	-1.42909	0.234751	0.91569	0.91569	0.359466	0.611527	-1.63525	0.958455	4.13563	3.83546	1
ap_0_1637899	MTVR2	0.529377	0.479041	0.799477	-1.25082	0.271203	0.700106	-1.42817	0.375531	1.3269	1.3269	0.771958	1.09458	1.09458	0.228931	0.675205	-1.48092	0.285462	1.41201	1.41201	0.383137	1.32067	1.32067	0.345529	0.739239	-1.35274	0.820302	0.931686	1.07332	0.958424	1.46812	1.36161	1
ap_0_0292516	SOX8	0.529379	0.707873	1.23935	1.23935	0.7534	0.323443	-3.09174	0.429525	0.616456	-1.58364	0.685628	1.26111	1.26111	0.574	0.723011	-1.3831	0.196538	0.45912	-2.17808	0.569072	1.3883	1.3883	0.243093	1.13507	1.13507	0.628998	1.31987	0.931827	0.493298	4.5751	1
ap_0_1983000	NELL2;NELL2;NELL2;NELL2	0.529387	0.873098	0.975772	-1.02483	0.604273	1.08353	1.08353	0.423732	1.13241	1.13241	0.661324	0.934598	-1.06999	0.438203	1.1899	1.1899	0.324423	1.16899	1.16899	0.119534	0.771684	-1.29587	0.430144	1.13152	1.13152	0.25192	1.20158	1.20158	0.958408	0.357346	0.331425	1
ap_0_2352191	DCAF7	0.529393	0.193511	0.760109	-1.3156	0.775633	1.05862	1.05862	0.144824	1.36642	1.36642	0.186154	1.32238	1.32238	0.582393	0.895192	-1.11708	0.471873	1.15707	1.15707	0.892419	0.973384	-1.02734	0.70781	0.927687	-1.07795	0.914659	0.978856	-1.0216	0.958396	0.603273	0.55952	1
ap_0_0624848	LAMB1	0.529402	0.757427	1.24998	1.34998	0.778986	1.31328	1.31328	0.684138	1.46815	1.46815	0.202303	1.68386	1.68386	0.413978	0.445339	-2.24548	0.322683	2.02311	2.69111	0.057124	1.84331	1.84331	0.603357	1.66154	1.66154	0.548555	1.80041	1.80041	0.958382	1.24216	1.21089	1
ap_0_0906430	C20orf117;C20orf117	0.529416	0.824946	1.86478	-1.15623	0.311626	1.26116	1.26116	0.309992	2.90992	2.90992	0.163892	2.6165	2.6165	0.709635	1.21115	0.694224	1.29529	1.29529	0.833296	0.870999	-1.44811	0.309189	0.501753	-1.99301	0.29313	2.04347	2.04347	0.357868	1.85818	0.51774	6.04528	1
ap_0_1075173	PRKAG2	0.52942	0.228238	0.448695	-2.22868	0.1003	0.319521	-3.12969	0.697604	0.780802	-1.28073	0.597841	0.71367	-1.40121	0.0960236	0.314007	-3.18464	0.629178	0.734667	-1.36116	0.196563	0.420941	-2.37563	0.957286	0.966629	-1.03452	0.866541	0.898898	-1.11247	0.958351	6.09501	5.65324	1
ap_0_0215604	DNAJA2	0.529204	0.708663	1.18	1.18	0.552723	1.1838	1.1838	0.157963	1.06708	1.06708	0.154477	1.06708	1.06708	0.716138	0.824942	-1.21192	0.839373	0.958213	1.04361	0.422345	1.18732	1.18732	0.184151	1.1467	1.1467	0.345137	0.839656	0.958338	1.04347	0.958349	0.669699	0.62116	1
ap_0_2025941	RFX4;RFX4	0.529423	0.17032	0.609458	-1.6408	0.469543	1.28339	1.28339	0.589532	0.831356	-1.20285	0.871816	1.05628	1.05628	0.25979	0.671251	-1.48976	0.925086	0.968611	-1.03241	0.918776	0.630984	-1.58482	0.138854	0.582612	-1.71641	0.889907	1.04808	1.04808	0.958347	1.74525	1.61876	1
ap_0_2049209	IRAK1;IRAK1;IRAK1	0.529425	0.44276	1.52131	1.52131	0.383475	0.619336	-1.61466	0.501662	0.659798	1.5414	0.0660213	0.3206537	-3.11879	0.19227	0.477141	-2.09582	0.654181	0.785259	-1.27346	0.810207	1.15776	1.15776	0.685497	0.803902	-1.24393	0.734548	0.833211	-1.20018	0.958343	4.36269	4.04921	1
ap_0_2352817	KLHDC10	0.52944	0.13308	2.42178	2.42178	0.751222	0.840632	-1.18958	0.181009	2.17098	2.17098	0.999121	1.0006	1.0006	0.549507	1.3971	1.3971	0.231763	1.98293	1.98293	0.314724	0.566967	-1.76377	0.750389	0.840123	-1.1903	0.992989	0.995216	-1.00481	0.958317	4.52173	4.19414	1
ap_0_2698150	SVIP	0.529442	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.331711	1.8135	1.8135	7	7	7	0.329265	0.549635	-1.81939	0.14744	0.39471	-2.5335	0.925634	3.34812	4.21995	1
ap_0_0947615	ATP8A1;ATP8A1	0.529445	0.875496	-1.16837	0.199217	1.34897	1.34897	0.62735	1.114	1.114	0.260046	1.29597	1.29597	0.582384	1.03866	-1.1282	0.382652	1.31889	1.31889	0.916271	0.97706	-1.02348	0.134159	0.142827	1.42827	1.42827	0.958309	0.73912	0.685578	1.29291	1
ap_0_0143729	ELAVL1	0.529446	0.981974	0.987582	-1.01257	0.434583	1.55421	1.55421	0.0732685	3.01851	3.01851	0.7464	1.19658	1.19658	0.336248	0.577869	-1.7305	0.306257	0.556616	-1.79657	0.478506	1.48862	1.48862	0.952941	0.967885	-1.03318	0.816508	0.879363	-1.13719	0.958306	4.64304	4.30671	1
ap_0_2035403	ZHX2	0.529463	0.146113	1.40118	1.40118	0.617004	0.874982	-1.11748	0.508062	1.15942	1.15942	0.342987	1.24013	1.24013	0.229266	1.32407	1.32407	0.609565	1.1203	1.1203	0.320613	1.25367	1.25367	0.686193	0.914408	1.0936	0.262752	0.800085	1.24987	0.958278	0.736545	0.683212	1
ap_0_1297243	DLG1;DLG1	0.529477	0.153806	2.09779	2.09779	0.669191	0.814559	-1.22766	0.2014606	0.525109	-1.90436	0.680598	1.22868	1.22868	0.759215	1.15811	1.15811	0.382149	1.53408	1.53408	0.342551	0.627016	-1.59486	0.931356	0.658602	-1.51837	0.676428	1.22108	1.22108	0.958254	3.45958	3.20951	1
ap_0_1709206	SLC35C1;SLC35C1;SLC35C1;SLC35C1	0.529483	0.584072	1.08686	1.08686	0.419533	0.883144	-1.13232	0.535831	0.909861	-1.09907	0.307361	1.17258	1.17258	0.951293	1.00925	1.00925	0.996455	0.999331	-1.00067	0.0663542	0.733262	-1.36377	0.486415	1.11244	1.11244	0.665453	0.936556	-1.06774	0.958244	0.344516	0.319584	1
ap_0_1464938	NUDCD1;NUDCD1	0.529483	0.82532	1.26982	1.26982	0.631559	0.914719	-1.09383	0.855561	1.04651	1.04651	0.90249	1.00092	1.00092	0.853225	1.01818	1.01818	0.748028	1.14283	1.14283	0.319522	2.15879	2.15879	0.793289	0.90722	-1.11022	0.787785	1.08598	1.08598	0.958243	1.41824	1.31559	1
ap_0_2387826	NCOR2;NCOR2	0.529488	0.382304	2.14323	2.14323	0.759379	0.769982	-1.29873	0.961358	1.04208	1.04208	0.140649	0.259645	-3.85141	0.623663	0.656547	-1.52512	0.764997	0.77487	-1.29054	0.1814	0.259058	-3.43383	0.267528	0.67173	0.67173	0.578709	1.6116	1.6116	0.958236	10.9859	10.1909	1
ap_0_1453123	MEGF11	0.529495	0.403727	1.12452	1.12452	0.291182	1.19188	1.19188	0.80563	1.3039	1.3039	0.296086	1.56307	1.56307	0.0825705	0.926321	-1.07954	0.984907	1.01545	1.01545	0.639629	1.46548	1.46548	0.982557	1.01788	1.01788	0.99257	1.992482	1.00758	0.958207	0.9674	0.24634	1
ap_0_1179951	CACNA2D2;CACNA2D2	0.529505	0.723788	1.33318	1.33318	0.0424264	6.646	6.646	0.2715	2.52872	2.52872	0.733960	0.758468	-1.31845	0.418242	0.526877	-1.89797	0.984907	1.01545	1.01545	0.639629	1.46548	1.46548	0.982557	1.01788	1.01788	0.992057	1.992482	1.00758	0.958207	0.9674	0.24634	1
ap_0_2151894	CABP4	0.529505	0.235077	0.623163	-1.60472	0.428004	0.735266	-1.36005	0.592063	0.814191	-1.22821	0.34235	0.689501	-1.45032	0.213288	0.607702	-1.64554	0.5439	0.791794	-1.26295	0.5717	1.24258	1.24258	0.964062	0.45495	-2.19804	0.643569	0.837716	-1.19372	0.958205	0.20171	2.03317	1
ap_0_0607907	GPR139	0.529521	0.357625	1.37623	1.37623	0.75541	0.905317	-1.10523	0.104922	1.8593	1.8593	0.0113	1.74282	1.74282	0.0288153	1.1404	1.1404	0.966752	0.97462	-1.02651	0.904278	0.370374	-2.69998	0.183484	0.467055	-2.14108	0.383859	1.61882	1.61882	0.958194	4.4164	4.09708	1
ap_0_2006456	HMG20B	0.529528	0.951312	1.01069	1.01069	0.185444	1.27698	1.27698	0.333404	1.18973	1.18973	0.982618	0.996214	-1.0038	0.183928	1.27819	1.27819	0.913168	1.01917	1.01917	0.306289	1.20253	1.20253	0.519004	1.12056	1.12056	0.071424	1.41986	1.41986	0.958166	0.4600882	0.426818	1
ap_0_2334580	SPRY1;SPRY1;SPRY1;SPRY1	0.529531	0.517969	0.831041	-1.20331	0.177723	0.747041	-1.33861	0.265386	1.38784	1.38784	0.387299	0.778622	-1.28432	0.78482	0.926859	-1.07891	0.450022	0.804647	-1.24278	0.107547	0.65899	-1.64206	0.968397	0.770371	-1.29808	0.2873	0.731992	-1.36613	0.958163	1.21004	1.12255	1
ap_0_0435028	KGLYCTK	0.529534	0.774377	1.13829	1.13829	0.247592	0.579954	-1.72427	0.498144	1.36334	1.36334	0.797885	1.12261	1.12261	0.190707	0.53555	-1.86724	0.183237	0.529187	-1.88969	0.385194	1.49367	1.49367	0.84949	0.917413	-1.09002	0.461219	1.40224	1.40224	0.958156	3.08227	2.85945	1
ap_0_0596546	MAD2L2;MAD2L2	0.529546	0.887058	1.1576	1.1576	0.595746	1.19119	-1.36589	0.607723	1.27216	1.27216	0.736034	1.98076	1.98076	0.211848	0.504774	-1.98107	0.843264	0.815573	-1.2453	0.311977	0.804181	-1.2455	0.964437	1.07164	1.07164	0.886018	0.863719	-1.15778	0.958137	0.16935	0.14303	1
ap_0_0390950	LGALS9;LGALS9;LGALS9	0.52955	0.325566	0.55112	-1.81449	0.968297	1.0236	1.0236	0.00204	1.076	1.076	0.34021	0.561623	-1.78055	0.288036	0.523394	-1.91061	0.493989	0.665188	-1.50333	0.0529818	0.275064	-3.63552	0.222977	0.471609	-2.1204	0.489197	0.662085	-1.51038	0.958129	5.22775	4.84996	1
ap_0_1885140	C11orf71;RBM7	0.529551	0.473307	1.11453	1.11453	0.188587	1.34145	1.34145	0.0127	1.68259	1.68259	0.0601883	1.61503	1.61503	0.0226468	1.6505	1.6505	0.473389	0.915585	1.09225	0.228663	2.11505	2.11505	0.0203873	1.10441	1.10441	0.0298454	0.971576	-1.02948	0.722066	1.04413	0.958127	0.29904	0.290954	1
ap_0_0185108	CELSR3;CELSR3 SNORD115-17;SNORD115- 18;SNORD115- 19;SNORD115- 20;SNORD115- 21;SNORD115- 22;SNORD115- 23;SNORD115- 24;SNORD115- 25;SNORD115- 26;SNORD115- 27;SNORD115- 28;SNORD115- 29;SNORD115- 30;SNORD115- 31;SNORD115- 32;SNORD115- 33;SNORD115- 34;SNORD115- 35;SNORD115- 36;SNORD115- 37;SNORD115- 38;SNORD115- 39;SNORD115- 40;SNORD115- 41;SNORD115- 42;SNORD115- 43;SNORD115- 44;SNORD115- 45;SNORD115- 46;SNORD115- 47;SNORD115- 48;SNORD115- 49;SNORD115- 50;SNORD115- 51;SNORD115- 52;SNORD115- 53;SNORD115- 54;SNORD115- 55;SNORD115- 56;SNORD115- 57;SNORD115- 58;SNORD115- 59;SNORD115- 60;SNORD115- 61;SNORD115- 62;SNORD115- 63;SNORD115- 64;SNORD115- 65;SNORD115- 66;SNORD115- 67;SNORD115- 68;SNORD115- 69;SNORD115- 70;SNORD115- 71;SNORD115- 72;SNORD115- 73;SNORD115- 74;SNORD115- 75;SNORD115- 76;SNORD115- 77;SNORD115- 78;SNORD115- 79;SNORD115- 80;SNORD115- 81;SNORD115- 82;SNORD115- 83;SNORD115- 84;SNORD115- 85;SNORD115- 86;SNORD115- 87;SNORD115- 88;SNORD115- 89;SNORD115- 90;SNORD115- 91;SNORD115- 92;SNORD115- 93;SNORD115- 94;SNORD115- 95;SNORD115- 96;SNORD115- 97;SNORD115- 98;SNORD115- 99;SNORD115- 100;SNORD115- 101;SNORD115- 102;SNORD115- 103;SNORD115- 104;SNORD115- 105;SNORD115- 106;SNORD115- 107;SNORD115- 108;SNORD115- 109;SNORD115- 110;SNORD115- 111;SNORD115- 112;SNORD115- 113;SNORD115- 114;SNORD115- 115;SNORD115- 116;SNORD115- 117;SNORD115- 118;SNORD115- 119;SNORD115- 120;SNORD115- 121;SNORD115- 122;SNORD115- 123;SNORD115- 124;SNORD115- 125;SNORD115- 126;SNORD115- 127;SNORD115- 128;SNORD115- 129;SNORD115- 130;SNORD115- 131;SNORD115- 132;SNORD115- 133;SNORD115- 134;SNORD115- 135;SNORD115- 136;SNORD115- 137;SNORD115- 138;SNORD115- 139;SNORD115- 140;SNORD115- 141;SNORD115- 142;SNORD115- 143;SNORD115- 144;SNORD115- 145;SNORD115- 146;SNORD115- 147;SNORD115- 148;SNORD115- 149;SNORD115- 150;SNORD115- 151;SNORD115- 152;SNORD115- 153;SNORD115- 154;SNORD115- 155;SNORD115- 156;SNORD115- 157;SNORD115- 158;SNORD115- 159;SNORD115- 160;SNORD115- 161;SNORD115- 162;SNORD115- 163;SNORD115- 164;SNORD115- 165;SNORD115- 166;SNORD115- 167;SNORD115- 168;SNORD115- 169;SNORD115- 170;SNORD115- 171;SNORD115- 172;SNORD115- 173;SNORD115- 174;SNORD115- 175;SNORD115- 176;SNORD115- 177;SNORD115- 178;SNORD115- 179;SNORD115- 180;SNORD115- 181;SNORD115- 182;SNORD115- 183;SNORD115- 184;SNORD115- 185;SNORD115- 186;SNORD115- 187;SNORD115- 188;SNORD115- 189;SNORD115- 190;SNORD115- 191;SNORD115- 192;SNORD115- 193;SNORD115- 194;SNORD115- 195;SNORD115- 196;SNORD115- 197;SNORD115- 198;SNORD115- 199;SNORD115- 200;SNORD115- 201;SNORD115- 202;SNORD115- 203;SNORD115- 204;SNORD115- 205;SNORD115- 206;SNORD115- 207;SNORD115- 208;SNORD115- 209;SNORD115- 210;SNORD115- 211;SNORD115- 212;SNORD115- 213;SNORD115- 214;SNORD115- 215;SNORD115- 216;SNORD115- 217;SNORD115- 218;SNORD115- 219;SNORD115- 220;SNORD115- 221;SNORD115- 222;SNORD115- 223;SNORD115- 224;SNORD115- 225;SNORD115- 226;SNORD115- 227;SNORD115- 228;SNORD115- 229;SNORD115- 230;SNORD115- 231;SNORD115- 232;SNORD115- 233;SNORD115- 234;SNORD115- 235;SNORD115- 236;SNORD115- 237;SNORD115- 238;SNORD115- 239;SNORD115- 240;SNORD115- 241;SNORD115- 242;SNORD115- 243;SNORD115- 244;SNORD115- 245;SNORD115- 246;SNORD115- 247;SNORD115- 248;SNORD115- 249;SNORD115- 250;SNORD115- 251;SNORD115- 252;SNORD115- 253;SNORD115- 254;SNORD115- 255;SNORD115- 256;SNORD115- 257;SNORD115- 258;SNORD115- 259;SNORD115- 260;SNORD115- 261;SNORD115- 262;SNORD115- 263;SNORD115- 264;SNORD115- 265;SNORD115- 266;SNORD115- 267;SNORD115- 268;SNORD115- 269;SNORD115- 270;SNORD115- 271;SNORD115- 272;SNORD115- 273;SNORD115- 274;SNORD115- 275;SNORD115- 276;SNORD115- 277;SNORD115- 278;SNORD115- 279	0.529552	0.0713398	0.450358	-2.22046	0.562645	0.793083	-1.2609	0.543241	1.27599	1.27599	0.313621	0.66181	-1.51101	0.58296	1.24561	1.24561	0.932052	1.03435	1.03435	0.87852	1.06245	1.06245	0.836122	0.921335	-1.0855	0.198328	0.583653	-1.71335	0.958127	2.38052	2.20849	1
ap_0_1317269	1ESNORD115-19	0.529554	0.114116	0.36853	-2.71348	0.800253	1.15865	1.15865	0.800605	1.15834	1.15834	0.999159	0.999388	-1.00061	0.096126	0.346016	-2.89004	0.866285	1.10283	1.10283	0.55826	0.709387	-1.40967	0.664144	0.775897	-1.28883	0.998912	0.455361	-2.19606	0.958123	5.1188	4.74802	1
ap_0_0684186	C1orf59	0.529565	0.624747	0.665674	-1.50224	0.0734426	5.19487	5.19487	0.13132	3.83743	3.83743	0.732425	0.745781	-1.34088	0.531928	0.592939	-1.68652	0.984431	1.01624	1.01624	0.565646	1.6151	1.6151	0.858917	1.15821	1.15821	0.764132	1.282	1.282	0.958105	10.3409	9.59387	1
ap_0_0294574	TOP2B	0.529574	0.832474	1.19782	1.19782	0.825247	0.944507	-1.05875	0.430701	1.39501	1.39501	0.143976	0.51524	-1.94084	0.0647795	0.366096	-2.73106	0.848373	1.10843	1.10843	0.295732	1.56622	1.56622	0.940744	0.960048	-1.0419	0.933199	1.52605	1.52605	0.958089	2.70773	2.51216	1
ap_0_0240603	CBX4	0.529574	0.327596	0.766595	-1.3043	0.66241	1.12242	1.12242	0.386378	1.26293	1.26293	0.725302	1.09718	1.09718	0.669338	1.12055	1.12055	0.420654	1.24145	1.24145	0.944847	1.01835	1.01835	0.683492	1.11378	1.11378	0.443888	1.83833	1.83833	0.958088	0.14869	0.972946	1
ap_0_0158997	NET1	0.529587	0.791441	1.05774	1.05774	0.152214	1.38386	1.38386	0.117584	1.43336	1.43336	0.720102	1.07919	1.07919	0.142998	1.39577	1.39577	0.983515	1.00439	1.00439	0.415799	0.838473	-1.19264	0.742911	1.07221	1.07221	0.686584	1.08972	1.08972	0.958066	0.6808807	0.631649	1
ap_0_0149973	PCDH20	0.529593	0.71231	1.2052	1.2052	0.803006	1.14	1.14	0.0819416	1.19447	1.19447	0.0984239	1.38151	1.38151	0.164477	1.15076	1.15076	0.501342	1.1079	1.1079	0.618312	0.933565	-1.07116	0.175997	1.21762	1.21762	0.121767	0.519278	0.914469	-1.09353	0.958062	0.284207	0.263687	1
ap_0_0150686	SERTAD2	0.529599	0.466427	0.87706	-1.14017	0.506503	1.1267	1.1267	0.10356	1.37039	1.37039	0.59125	0.985693	-1.01451	0.868101	1.02986	1.02986	0.977234	1.00506	1.00506	0.109175	0.734047	-1.36231	0.886349	1.02564	1.02564	0.895426	1.02355	1.02355	0.958047	0.47535	0.441036	1
ap_0_1259534	POU3C3;POU3C3	0.529608	0.153246	0.7982	-1.25264	0.32762	1.33334	1.33334	0.52494	1.14914	1.14914	0.328853	0.780509	-1.28066	0.322188	0.776516	-1.28717	0.807956	0.945176	-1.058	0.871001	0.42631	-2.34603	0.0268	0.36702	0.7898	-1.26634	0.970992	1.06035	1.06035	0.958042	0.47535	0.440136	1
ap_0_1001286	CUL4A;CUL4A	0.529612	0.511721	0.897893	-1.11372	0.147888	1.28562	1.28562	0.67214	0.933428	-1.07132	0.228019	0.814829	-1.22725	0.573116	0.911974	-1.09652	0.5704	1.09725	1.09725	0.282187	1.19825	1.19825	0.719244	0.943254	-1.06016	0.425153	0.876512	-1.14089	0.958024	0.3974	0.368722	1
ap_0_1268761	HTATSF1;HTATSF1	0.529617	0.11163	0.8915505	-1.12168	0.587617	1.02138	1.02138	0.778867	1.46287	1.46287	0.191972	0.67927	0.67927	0.360982	0.280522	-1.56478	7	7	7	7	0.0555052	2.21087	2.21087	0.0824082	0.73822	-1.35461	0.927313	0.2618	0.22983	1
ap_0_0482216	PRDM16;PRDM16	0.529628	0.483672	0.73694	1.73694	0.813834	0.832788	-1.20079	0.0692433	0.83873	0.83873	0.580172	1.54244	1.54244	0.936479	0.06378	1.06378	0.181362	0.332669	-3.006	0.437522	1.84837	1.84837	0.933583	1.04639	1.04639	0.757217	1.27192	1.27192	0.957909	0.12786	0.847018	1
ap_0_1259458	MYL2;MYL2	0.529684	0.306579	0.475031	-2.10513	0.389561	1.85902	1.85902	0.629625	1.40737	1.40737	0.553134	0.655798	-1.52486	0.338183	0.499421	-2.00232	0.92445	1.06898	1.06898	0.603416	0.691728	-1.44565	0.062698	0.225264	-4.36178	0.819436	0.851472	-1.17444	0.957901	7.50251	6.96199	1
ap_0_0709687	GABBR1;GABBR1;GABBR1	0.529687	0.745302	1.34234	1.34234	0.82164	0.905477	-1.27427	0.102138	1.73886	1.73886	0.229522	1.80856	1.80856	0.0856	1.33886	1.33886	0.376327	1.1025	1.1025	0.784717	0.647894	-1.54329	0.0424799	0.154421	0.154421	0.0210802	0.902507	1.10806	1.10806	0.729199	1.06359	1.06359	0.957897	0.47944	0.443178	1
ap_0_0722245	MLF1;MLF1;MLF1;MLF1	0.529687	0.0652796	2.08594	2.08594	0.647953	0.859333	-1.16832	0.803745	0.993197	-1.08791	0.346331	1.38842	1.38842	0.685215	0.871185	-1.14786	0.851973	1.06525	1.06525	0.372662	0.733664	-1.36302	0.561885	0.819996	-1.21952	0.934803	1.02807	1.02807	0.957896	1.73714	1.61199	1
ap_0_1499501	OAZ2	0.529693	0.261825	0.586056	-1.70686	0.344325	0.997307	-1.28576	0.762083	1.27495	1.27495	0.574957	0.633774	-1.57785	0.77631	1.2559	1.2559	0.357672	1.17855	1.17855	0.364259	0.761784	-1.31273	0.926092	0.984022	-1.01624	0.917669	1.17414	1.17414	0.957892	0.47005	0.437247	1
ap_0_1438093	KIAA1045	0.529691	0.456336	1.55478	1.55478	0.924238	1.05689	1.05689	0.887998	1.08543	1.08543	0.807474	0.867596	-1.15261	0.369299	0.584852	-1.70983	0.135342	2.55081	2.55081	0.522492	0.685871	-1.458	0.12299	0.378289	-2.64348	0.852725	0.807528	-1.11417	0.957889	1.13423	1.4644	1
ap_0_1466919	FAM89B;FAM89B;FAM89B	0.529693	0.141605	0.521637	-1.91704	0.309283	1.54226	1.54226	0.550034	1.28276	1.28276	0.597814	1.2459	1.2459	0.315376	0.761151	-1.3138	0.872336	1.06846	1.06846	0.710635	0.761151	-1.3138	0.872336	1.06846	1.06846	0.710635	0.761151	-1.3138	0.872336	1.06846	1.06846	0.710635	1.46389	0.910821	1.04721	0.957207	0.857288	2.57208	2.38681	1
ap_0_2655994	GDNF;GDNF;GDNF;GDNF	0.529693	0.

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change|1 vs.1047 vs. N)	p-value|1057 vs. N)	Fold-Change|1 vs.1057 vs. N)	p-value|1117 vs. N)	Fold-Change|1 vs.1117 vs. N)	p-value|1127 vs. N)	Fold-Change|1 vs.1127 vs. N)	p-value|1217 vs. N)	Fold-Change|1 vs.1217 vs. N)	p-value|3477 vs. N)	p-value|3477 vs. N)	p-value|3537 vs. N)	Fold-Change|1 vs.3537 vs. N)	p-value|5377 vs. N)	Fold-Change|1 vs.5377 vs. N)	p-value|5637 vs. N)	Fold-Change|1 vs.5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg12575313	URB1;C21orf91;URB1	0.530187	0.354578	0.8680121	0.15205	0.75644	1.04732	1.04732	0.7748	1.04355	0.430459	0.887278	1.12704	0.280405	1.18146	1.18146	0.907958	1.01699	1.01699	0.0831968	0.751983	1.32982	0.949354	0.913801	1.00421	0.957131	0.334809	0.310938	1
cg10884662	PTPN9	0.53014	0.596225	1.201187	0.243839	0.715107	-1.39839	0.516239	0.797445	-1.29401	0.874065	1.05606	1.05606	0.317396	0.700888	1.42676	0.240155	0.655132	-1.52641	0.471277	1.2866	0.16557	1.6863	1.6863	0.597843	0.832721	-1.20088	0.957125	1.79256	1.66477	1
cg18278596	MTA1	0.530141	0.352971	1.50575	1.50575	0.0577841	2.50592	2.50592	0.585027	1.26635	1.26635	0.895241	1.05804	1.05804	0.883762	0.939274	-1.06465		0.999882	0.999937	-1.00006	0.300935	1.58249	1.58249	0.394745	0.688476	-1.45248	0.682843	0.838682	-1.19235	0.957124	2.77992	2.58173	1
cg04998674	ZNF780A;ZNF780A;ZNF780A;ZNF780A	0.530142	0.74192	0.937794	-1.06633	0.940418	0.985577	-1.01463	0.393966	1.18495	0.595748	1.10967	1.10967	0.421741	1.17293	1.17293	0.912331	1.02164	1.02164	0.238467	0.786666	-1.2712	0.250032	0.791662	-1.26316	0.139424	1.36222	1.36222	0.957121	0.572559	0.531741	1
cg19625234	FGF93;FGF93;FGF93	0.530147	0.227126	3.52334	3.52334	0.154656	4.54063	4.54063	0.821171	1.25216	1.25216	0.245815	1.33876	1.33876	0.628039	0.615752	-1.62403		0.60123	1.68835	1.68835	0.202701	2.60296	-1.80285	0.837589	1.22612	1.22612	0.884103	0.980405	-1.01999	0.957114	1.96359	13.888	1
cg08342194	LY6G6E;LY6G6E;LY6G6D	0.530149	0.28355	0.475826	-2.10161	0.337999	1.93174	1.93174	0.921745	1.06769	1.06769	0.719789	1.27142	1.27142	0.0807302	0.2749668	-3.63679		0.525849	0.651489	-1.53494	0.913443	1.07517	1.07517	0.431258	1.70827	1.70827	0.695761	1.29949	1.29949	0.957109	6.73599	6.25586	1
cg05953911	CADPS;CADPS;CADPS	0.530154	0.421896	1.311	1.311	0.176411	1.60699	1.60699	0.287961	1.43926	1.43926	0.78699	0.914482	-1.09352	0.8420959	0.936272	-1.06807		0.42043	1.31217	1.31217	0.0823443	1.88451	1.88451	0.219112	1.532	1.532	0.718859	1.12673	1.12673	0.957102	1.65137	1.51968	1
cg04209751	ACCN4;ACCN4	0.530158	0.181545	0.400296	-6.46247	0.095416	0.31223	-3.20277	0.0874449	0.935159	-3.11632	0.57083	0.894906	-1.40904	0.2904248	0.497867	-2.00857		0.467017	0.624828	-1.60044	0.549962	0.680902	-1.46864	0.467979	0.625485	-1.59876	0.525854	0.664692	-1.50446	0.957094	6.12	5.68387	1
cg05236720	CDC42EP3	0.530159	0.824425	0.903116	-1.10728	0.767966	1.14532	1.14532	0.478562	0.718637	-1.39152	0.898681	0.943252	-1.06016	0.0912358	0.426103	-2.34685		0.70672	1.18929	1.18929	0.109324	0.449005	-2.22715	0.993305	1.00386	1.00386	0.247239	0.57416	-1.74168	0.957093	3.1882	2.961	1
cg08894363	STAC2	0.530171	0.882883	0.9823	1.01802	0.969127	0.974988	-1.0257	0.6408516	0.6806066	-1.46928	0.610533	1.31732	1.31732	0.0515059	0.5408	-1.84883		0.531553	1.40499	1.40499	0.0139762	1.59099	1.59099	0.0473355	0.995333	-1.00467	0.987926	-1.01222	0.957073	4.36172	4.05284	1
cg08443660	RPP21	0.53175	0.293936	1.29096	1.29096	0.903695	1.0288	1.0288	0.721968	0.919598	-1.08743	0.630834	1.12029	1.12029	0.529606	0.861229	-1.16113		0.943911	0.983629	-1.01664	0.0414734	1.73598	0.960161	1.10938	1.10938	0.735569	0.923558	-1.08207	0.957056	0.843021	0.774784	1
cg07215183	RAMP1	0.530207	0.613739	0.705231	-1.42526	0.672475	3.99362	3.99362	0.462254	1.68372	1.68372	0.971013	0.975019	-1.02562	0.266585	0.470733	-2.12435		0.325519	2.02758	2.02758	0.0228768	1.02858	1.02858	0.926888	0.943804	-1.06298	0.870011	1.3468	0.626824	1
cg23384620	IL18AP1;2	0.530212	0.371444	13.7741	13.7741	0.949988	1.08544	1.08544	0.511076	2.19968	2.19968	0.359235	3.42843	3.42843	0.657395	0.577996	-1.73213		0.342494	0.27852	-3.5904	0.436395	0.354245	-2.82291	0.517531	2.55741	2.55741	0.953817	0.927097	-1.07864	0.957002	25.8921	24.0403	1
cg12360084	AIFM3;AIFM3;AIFM3;AIFM3	0.530214	0.995012	1.02013	1.02013	0.732262	1.12382	1.12382	0.722044	1.12907	1.12907	0.771042	1.10426	1.10426	0.156935	0.480847	-2.07966		0.656705	1.1642	1.1642	0.322288	0.706457	-1.41555	0.71808	0.892204	-1.12082	0.32918	1.40813	1.40813	0.957099	1.75074	1.62613	1
cg02294176	IQGAP2	0.530227	0.619643	1.2688	1.26888	0.494027	0.912765	1.09557	0.151293	0.845745	-1.14751	0.299532	0.884055	1.13055	0.205062	1.19241	1.19241		0.82309	0.970105	-1.02986	0.71949	1.20644	1.20644	0.594801	0.931776	-1.07322	0.706143	1.05112	1.05112	0.956978	0.262595	0.243912	1
cg00115984	TOPORS	0.530228	0.850546	1.06665	1.06665	0.610445	1.19214	1.19214	0.373376	1.36696	1.36696	0.92083	1.03459	1.03459	0.0467533	2.1789	2.1789		0.170874	1.64676	1.64676	0.560265	1.2232	1.2232	0.841668	1.07081	1.07081	0.234334	1.53182	1.53182	0.956976	1.77354	1.64735	1
cg22417829	SDCBP2	0.530233	0.830355	0.892133	-1.12049	0.809495	1.18251	1.18251	0.554826	2.03727	2.03727	0.408669	0.666334	-1.5003	0.422755	1.48152	1.48152		0.187429	1.95553	1.95553	0.479406	0.708118	-1.41219	0.552609	1.33427	1.33427	0.919913	1.04946	1.04946	0.956972	3.49251	3.24403	1
cg09979355	ZNF594	0.530235	0.536545	2.28376	2.28376	0.891096	1.83543	1.83543	-1.19699	0.725058	1.59051	1.59051	0.307973	2.046077	0.307973				0.497364	0.402891	-2.48206	0.243379	0.49857	0.49857	0.11528	8.91552	8.91552	0.877454	0.816649	-1.22452	0.969729	22.3895	17.3163	1
cg19432362	SIAH3	0.530239	0.440885	0.557433	-1.79394	0.982262	1.01667	1.01667	0.414161	1.86026	1.86026	0.690755	1.34628	1.34628	0.793111	0.822465	-1.21586		0.914442	0.923197	-1.08319	0.0826883	0.239542	-4.17464	0.281495	0.435056	-2.29855	0.334594	2.09586	2.09586	0.956957	8.38003	7.78396	1
cg22739334	PSPC1;PSPC1	0.530242	0.140765	0.742325	-1.34691	0.595002	1.10648	1.10648	0.786278	0.949095	-1.05275	0.562813	1.31732	1.31732	0.192992	0.75524	-1.32612		0.188922	0.768691	-1.3009	0.299555	0.816313	1.22532	0.790216	0.951648	1.05168	1.05168	0.687875	0.92651	1.07952	0.956951	0.54142	0.502912	1
cg09859564	ZMYND11;ZMYND11;ZMYND11	0.530247	0.509972	0.745951	-1.34057	0.680591	1.19436	1.19436	0.76093	1.28418	1.28418	0.502464	1.23948	1.23948	0.370457	0.673926	-1.48384		0.532232	0.76226	-1.31189	0.116825	2.07734	2.07734	0.385979	0.621585	-1.60879	0.326451	0.647446	-1.54453	0.957043	2.79051	2.59206	1
cg09141851	CBFA2T3;CBFA2T3	0.530256	0.780197	0.809084	-1.23541	0.0869174	4.50686	4.50686	0.316762	2.6778	2.6778	0.944118	1.05741	1.05741	0.466335	0.615158	0.620779	0.193827	-1.60884	0.0755662	0.1725	-5.79782	0.0178025	0.0178025	0.1725	-5.79782	0.0178025	0.0178025	0.957028	2.19136	2.03555	1
cg08460387	MAN1C1	0.530262	0.244884	1.55253	1.55253	0.812671	0.917732	-1.08964	0.117246	1.85021	1.85021	0.345336	1.42115	1.42115	0.122416	0.331489	1.83189		0.706538	1.872162	-1.14658	0.338997	1.42817	1.42817	0.425588	1.34209	1.34209	0.747353	1.12398	1.12398	0.956918	1.98188	1.84098	1
cg02852980	SHISA7	0.530263	0.882282	0.934727	-1.06983	0.128329	0.472913	-2.11455	0.766859	1.14505	1.14505	0.157216	0.502024	-1.99194	0.434805	0.695577	-1.43765		0.670744	1.21508	1.21508	0.345113	0.642123	-1.55733	0.623886	0.798404	-1.2525	0.333567	1.57516	1.57516	0.956917	3.14516	2.92157	1
cg05455971	DLG4;2	0.530265	0.568073	0.809907	-1.23465	0.0869174	1.01701	1.01701	0.229925	0.624438	1.60144	0.776208	0.888936	-1.12503	0.0722555	0.624438	-1.60144		0.230473	1.60047	1.60047	0.204649	1.64932	1.64932	0.349163	0.63745	-1.56875	0.529623	0.788159	1.26833	1.26833	1.26833	1.26833	0.788159	1.26833	0.957021	1.96747	1
cg02307075	PLEKHM3	0.530268	0.53032	1.18731	1.18731	0.70865	1.1067	1.1067	0.301629	1.33514	1.33514	0.776434	1.07993	1.07993	0.28993	1.34535	1.34535		0.122243	1.57202	1.57202	0.0643223	1.75309	1.75309	0.871073	0.95708	-1.04484	0.90099	1.03419	1.03419	0.956907	1.1055	1.02692	1
cg14523772	MAGI2	0.530276	0.65445	1.34087	1.34087	0.183448	1.07263	1.07263	0.651635	1.12833	1.12833	0.293823	1.2692	1.2692	0.690444	1.13795	1.13795		0.394246	1.9547	1.9547	0.0154988	1.45112	1.45112	0.221958	0.742803	1.34677	0.336455	1.98665	1.98665	0.956893	6.42409	5.96755	1
cg14314026	LGMN;LGMN	0.530285	0.527323	1.19315	1.19315	0.772549	1.0832	1.0832	0.464925	0.816477	-1.22477	0.763859	0.920278	-1.08633	0.868222	0.961492	-1.04005		0.09787	1.60689	-1.64992	0.89399	1.03586	1.03586	0.43934	1.24294	1.24294	0.331135	1.639691	1.56325	0.956877	1.1523	1.07043	1
cg07212035	LPHN1	0.530306	0.670869	1.11104	1.11104	0.9035	0.970579	-1.03031	0.619666	1.13117	1.13117	0.804487	1.063	1.063	0.505429	1.18112	1.18112		0.710966	1.09602	1.09602	0.111261	0.652234	-1.53319	0.934023	0.978101	-1.02061	0.0931089	1.57628	1.57628	0.956843	0.919603	0.854293	1
cg02734663	TSPAN17;TSPAN17;TSPAN17	0.530311	0.634413	1.18742	1.18742	0.534145	1.03982	1.03982	0.0878557	1.76862	1.76862	0.88339	1.05065	1.05065	0.0778102	1.18742	1.18742		0.594642	1.00915	1.00915	0.928465	0.979985	-1.02042	0.505272	0.858804	-1.16441	0.956185	0.768313	0.717354	1
cg17767931	SLC25A26;SLC25A26;SLC25A26	0.530314	0.329846	1.47775	1.47775	0.26107	0.634325	-1.57648	0.807864	0.90972	-1.09924	0.502253	1.30272	1.30272	0.526036	0.779175	-1.28341		0.395733	1.40182	1.40182	0.14083	1.84999	1.84999	0.64602	0.835601	-1.19674	0.476155	0.75475	-1.32494	0.956829	2.28557	2.12328	1
cg07401901	DAAM1;DAAM1	0.530321	0.48441	1.03293	1.03293	0.0869174	1.06392	1.06392	0.339374	1.08512	1.08512	0.744552	1.05502	1.05502	0.207807	1.18151	1.18151		0.957032	1.01455	1.01455	0.818818	1.0449	1.0449	0.720315	1.1051	1.1051	0.656818	1.02409	1.02409	0.956821	1.223114	1.14	1
cg00237010	NIN2	0.530328	0.545163	1.76077	1.76077	0.727953	1.38078	1.38078	0.494074	0.526443	-1.89954	0.258844	2.96962	2.96962	0.942968	1.06834	1.06834		0.514123	1.8428	1.8428	0.0754737	6.22361	6.22361	0.185209	3.66245	3.66245	0.342284	2.46951	2.46951	0.956805	12.9357	12.0175	1
cg03499775	SASP1	0.530333	0.299236	1.45302	1.45302	0.692766	0.871173	-1.14788	0.651984	0.854128	-1.17078	0.828091	1.07908	1.07908	0.989902	1.0044	1.0044		0.1065	1.84434	1.84434	0.167579	1.666672	1.666672	0.720888	1.13269	1.13269	0.186427	1.62653	1.62653	0.956796	1.82773	1.69801	1
cg08260025	KCNI11;KCNI11;KCNI11	0.530334	0.705455	1.25435	1.25435	0.0869174	4.50686	4.50686	0.316762	2.6778	2.6778	0.944118	1.05741	1.05741	0.466335	0.615158	0.620779	0.193827	-1.60884	0.0755662	0.1725	-5.79782	0.0178025	0.0178025	0.1725	-5.79782	0.0178025	0.0178025	0.956796	2.19974	2.06795	1
cg11219917	CPLX1	0.530338	0.895992	0.965179	-1.03608	0.829725	1.0601	1.0601	0.43791	1.23915	1.23915	0.0901719	1.65873	1.65873	0.664265	1.12563	1.12563		0.205868	1.43565	1.43565	0.105943	1.61368	1.61368	0.932102	0.977173	-1.02336	0.383721	1.27384	1.27384	0.956789	1.11274	1.03377	1
cg02101307	RGR;RGR;RGR	0.530345	0.975402	1.02035	1.02035	0.0869174	1.08705	1.08705	0.532325	1.14111	1.14111	0.508551	1.42812	1.42812	0.694942	1.01008	1.01008		0.936854	1.07484	1.07484	0.188514	0.478105	-2.0916	0.0977284	0.478941	0.47844	-2.09081	0.156003	0.156003	0.47844	-2.09081	0.156003	0.156003	0.956781	0.96132	0.941309	1
cg22851271	RRS1	0.530351	0.950697	0.981805	-1.01853	0.1219015	0.607817	-1.64523	0.632265	0.866588	-1.15395	0.192601	1.50608	1.50608	0.500213	0.963433	-1.03796		0.994957	1.00188	1.00188	0.379618	0.765174	-1.30689	0.749996	0.909433	-1.09959	0.249085	1.43056	1.43056	0.956766	1.33626	1.24146	1
cg01396587	FAM20C	0.530359	0.796508	1.04656	1.04656	1.027299	1.36281	1.36281	0.118588	1.34764	1.34764	0.992044	0.998246	-1.00176	0.710713	0.76781	1.06781		0.808746	1.04363	1.04363	0.3709	0.850612	-1.17562	0.47223	1.13742	1.13742	0.293098	1.21175	1.21175	0.956753	0.469901	0.43657	1
cg10573953	MEF2C	0.530368	0.849841	1.07233	1.07233	0.0869174	1.07816	1.07816	0.557635	1.16942	1.16942	0.911277	1.14111	1.14111	0.508551	0.42812	-2.33636		0.394246	1.9547	1.9547	0.0154988	2.0916	2.0916	0.0977284	0.478105	0.47844	-2.09081	0.156003	0.156003	0.47844	-2.09081	0.156003	0.156003	0.956741	0.97481	0.954671	1
cg22851275	RRS1	0.530351	0.950697	0.981805	-1.01853	0.1219015	0.607817	-1.64523	0.632265	0.866588	-1.15395	0.192601	1.50608	1.50608	0.500213	0.963433	-1.03796		0.994957	1.00188	1.00188	0.379618	0.765174	-1.30689	0.749996	0.909433	-1.09959	0.249085	1.43056	1.43056	0.956766	1.33626	1.24146	1
cg01396587	FAM20C	0.530359	0.796508	1.04656	1.04656	1.027299	1.36281	1.36281	0.118588	1.34764	1.34764	0.992044	0.998246	-1.00176	0.710713	0.76781	1.06781		0.808746	1.04363	1.04363	0.3709	0.850612	-1.17562	0.47223	1.13742	1.13742	0.293098	1.21175	1.21175	0.956753	0.469901	0.43657	1
cg10573953	MEF2C	0.530368	0.849841	1.07233	1.07233	0.0869174	1.07816	1.07816	0.557635	1.16942	1.16942	0.911277	1.14111	1.14111	0.508551	0.42812	-2.33636		0.394246	1.9547	1.9547	0.0154988	2.0916	2.0916	0.0977284	0.478105	0.47844	-2.09081	0.156003	0.156003	0.47844	-2.09081	0.156003	0.156003	0.956741	0.97481	0.954671	1
cg12828655	FST14	0.530369	0.861168	1.08513	1.08513	0.500764	1.3757	1.3757	0.86527	0.9238	-1.08249	0.536305	0.74656	-1.33948	0.569419	1.30782	1.30782		0.335636	1.58947	1.58947	0.0752089	2.54796	2.54796	0.182623	1.93502	1.93502	0.654136	0.810195	-1.23427	0.956736	3.30084	3.06676	1
cg22542490	FI10	0.530376	0.579796	1.12091	1.12091	0.0869174	2.09501	2.09501	0.208238	0.941793	1.06196	0.344336	0.885206	-1.12945	0.0644604	0.876578	-1.1413		0.230472	1.60047	1.60047	0.204649	1.64932	1.64932	0.349163	0.63745	-1.56875	0.529623	0.788159	1.26833	1.26833	1.26833	1.26833	0.788159	1.26833	0.956753	2.16803	1.96747	1
cg02936290	RBM0;RBM0;RBM0;RBM0;SNORD61	0.530376	0.715071	0.84381	-1.1851	0.870191	0.927042	-1.0787	0.244593	1.75741	1.75741	0.509954	1.36288	1.36288	0.348213	1.56418	1.56418		0.280857	0.598408	-1.6711	0.12402	0.462294	-2.16313	0.614529	0.790395	-1.26519	0.773675	0.874976	-1.14289	0.956723	3.25113	3.02061	1
cg11906176	VDAC2	0.530378	0.76078	1.14743	1.14723	0.496523	1.36414	1.36414	0.967076	1.01874	1.01874	0.0526434	2.69369	2.69369	0.662678	1.39971	1.39971		0.204003	1.81684	1.81684	0.531798	1.53722	1.53722	0.563985	1.60176	1.60176	0.597632	1.56482	1.56482	0.956743	2.90543	2.64809	1
cg13282594	BGLAP	0.530389	0.582594	1.95182	1.95182	0.353344	1.45545	1.45545	0.194189	0.582852	-1.7157	0.287409	0.647838	-1.5436	0.0566599	0.02157	1.02157		0.79575	1.10733	1.10733	0.415572	0.210454	-1.38686	0.78916	0.900025	1.11108	0.420586	0.72359	-1.382	0.956715	0.34043	0.1745	1
cg24374090	PAK2	0.530383	0.141906	0.806986	-1.21918	0.737651	1.04671	1.04671	0.839873	1.02786	1.02786	0.443096	0.899248	-1.11204	0.900034	1.01721	1.01721		0.959776	1.00687	1.00687	0.70338	0.949375	-1.05332	0.844833	0.973741	-1.02697	0.0784257	1.30406	1.30406	0.956711	0.279437	0.259627	1
cg20948566	NAB2	0.530391	0.39	1.14064	1.14064	0.377705	0.875343	-1.14276	0.744318	0.952118	-1.05029	0.927195	1.03575	1.03575	0.791006	0.961153	-1.04047		0.754141	1.13303	1.13303	0.542691	0.554542	-1.80276	0.473414	0.748361	-1.33625	0.269752	0.633266	1.57912	1.57912	0.956692	0.239449	0.222479	1
cg11434614	PALLD;PALLD;PALLD	0.530395	0.239546	1.63166	1.63166	0.539006	0.28051	1.28051	0.485607	1.32535	1.32535	0.944867	0.974827	-1.02582	0.469383	0.746314	1.33992		0.754141	1.13303	1.13303	0.542691	0.554542	-1.80276	0.473414	0.748361	-1.33625	0.269752	0.633266	1.57912	1.57912	0.956692	0.239449	0.222479	1
cg16283551	GABRB3;GABRB3	0.530406	0.468565	0.665149	-1.41813	0.6629528	0.452895	-2.20772	0.640012	1.28289	1.28289	0.492317	1.44599	1.44599	0.215188	0.50359	-1.99366		0.552109	1.37406	1.37406	0.982881	0.619494	-1.61425	0.41562	1.55124	1.55124	0.417907	0.657858	-1.52008	0.956672	4.23799	3.93762	1
cg02032702	C11orf70	0.530417	0.475582	0.873605	-1.14496	0.729752	0.923904	-1.08236	0.814744	1.13052	1.13052	0.323599	1.20917	1.20917	0.30457	0.7106	1.2106		0.883457	0.973043	-1.0277	0.0821281	0.698494	-1.43165	0.710759	0.912057	-1.07186	0.662971	0.921552	-1.08501	0.956644	0.525873	0.486622	1
cg07493198	PDS02	0.530422	0.710156	1.08068	1.08068	0.326308	2.15129	2.15129	0.457389	1.18223	1.18223	0.196615	0.740998	-1.34953	0.898827	0.972255	-1.02854		0.99251	0.997926	-1.00208	0.575375	0.882282	-1.13336	0.521093	1.15473	1.15473	0.0974733	1.49519	1.49519	0.956645	0.741346	0.688839	1
cg13948413	LGALSL;GALSL;GALSL8;LGALS8	0.530423	0.56498	1.08515	1.08515	0.809113	1.0302	1.0302	0.470478	1.13329	1.13329	0.104376	0.78162	-1.27939	0.680014	0.922	-1.08419		0.559396	1.82407	1.82407	0.107753	0.213109	1.19049	1.19049	0.188259	-1.13345	0.767385	1.04203	1.04203	1.04203	1.04203	1.04203	1.04203	0.956637	0.96132	0.941309	1
cg25216613	TPRG1L	0.530433	0.084384	1.75911	1.75911	0.7306	1.10767	1.10767	0.130478	1.62121	1.62121	0.461535	1.24828	1.24828	0.236181	1.44374	1.44374		0.989216	0.996009	-1.00401	0.521594	1.21189	1.21189	0.195343	1.49959	1.49959	0.435439	2.26543	1.26543	0.956632	1.32612	1.23221	1
cg01963754	C13orf16	0.530443	0.120347	2.75696	2.75696	0.336714	2.65984	2.65984	0.541885	0.543455	-1.84008	0.35132	2.5789	2.5789	0.718705	0.60961	-1.42937		0.814543	1.26121	1.26121	0.0874238	0.155117	-6.44675	0.650664	0.156869	1.56869	0.905579	0.889412	-1.12434	0.956632	14.7786	13.732	1
cg11448301	TP53;TP53;PTGER3;PTGER3;PTGER3

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Proobset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	S5(Test)	S6(Error)	F(Error)
cg14356330	FIG4	0.531021	0.243976	0.56293	0.34581	0.13807	0.327293	-1.05537	0.0754771	0.250541	-1.99136	0.45648	0.588336	-1.65971	0.418985	0.56124	-1.78177	0.781343	0.823142	-1.21486	0.986087	1.01227	1.01227	0.705824	0.492606	-2.03002	0.83817	1.15377	0.955627	7.40462	6.8875	1
cg25462384	SNAPC2;SNAPC2	0.531027	0.738101	1.11406	1.11406	0.301024	0.708287	-1.41186	0.715501	0.888861	-1.12504	0.780513	0.914016	-1.09407	0.200099	1.42388	1.42388	0.102587	0.56276	-1.77696	0.424603	0.769161	-1.38011	0.205291	0.650439	-1.53742	0.800264	0.921644	-1.08502	0.955618	1.56783	1.45835	1
cg02793733	KCNK3	0.531027	0.471882	0.866478	-1.1541	0.412097	0.848535	-1.1785	0.09245951	0.143714	1.43714	0.650447	0.914532	-1.09346	0.942829	1.01415	1.01415	0.854834	1.03652	1.03652	0.354281	1.2052	1.2052	0.518906	0.879704	-1.13663	0.322543	0.818623	-1.22156	0.955617	0.58052	0.539984	1
cg12592455	FAM127A;FAM127A	0.531028	0.188049	0.217484	-4.59795	0.489883	0.464345	-2.15357	0.895117	0.865667	-1.15518	0.115585	0.49379	0.486021	0.643	1.643	1.643	0.306237	0.316662	-3.15758	0.983702	0.977907	-1.02259	0.90803	1.13473	1.13473	0.99571	1.0059	0.956515	18.1036	16.8395	1
cg09136245	SLC6A5	0.531029	0.90095	1.0767	1.0767	0.46668	0.644274	-1.55213	0.979548	1.01609	1.01609	0.240409	0.213422	2.13422	0.542248	0.693403	-1.44216	0.328327	1.82	1.82	0.201374	0.448956	-2.22739	0.18911	0.437924	-2.2835	0.694924	0.791411	-1.26357	0.955614	5.33167	4.9594	1
cg17760043	FAT4	0.531047	0.795169	1.04278	1.04278	0.306711	1.18577	1.18577	0.665377	1.07253	1.07253	0.536115	1.60615	1.60615	0.438674	1.11563	1.11563	0.477525	1.12332	1.12332	0.114125	1.13882	1.13882	0.16629	0.788463	-1.26829	0.802933	0.960537	-1.04008	0.955584	0.392395	0.365007	1
cg19850333	CCRL2;CCRL2	0.531065	0.75252	1.15687	1.15687	0.801858	0.890626	-1.12281	0.136638	0.477742	-2.09318	0.415334	0.681447	-1.46747	0.45816	1.41625	1.41625	0.347981	1.5607	1.5607	0.297406	1.64482	1.64482	0.449021	1.42674	1.42674	0.451932	0.702556	-1.42337	0.955552	3.21154	2.98749	1
cg08595792	BANP;BANP	0.531072	0.509322	0.61355	-1.63019	0.0910303	0.25683	-1.80562	0.327341	0.477545	-2.09406	0.966559	1.243	1.243	0.809022	0.837778	-1.19363	0.159214	0.332068	-3.0033	0.959133	0.963323	-1.03817	0.691288	1.41208	1.41208	0.475484	1.69966	1.69966	0.955541	8.08613	7.52209	1
cg11922164	SYT15;SYT15	0.531074	0.504981	0.673973	-1.48374	0.202104	1.29362	2.19362	0.195518	0.252215	2.22215	0.414952	0.106476	1.06476	0.209251	1.21	1.21	0.91254	0.937927	-1.06618	0.324709	0.55257	-1.80973	0.740892	0.82403	-1.21355	0.68824	1.26523	1.26523	0.955337	5.14827	4.78919	1
cg10779375	RPL21;RPL21P28	0.531081	0.480531	0.761841	-1.31261	0.915627	1.04102	1.04102	0.562801	1.24849	1.24849	0.669985	0.862054	-1.16002	0.440214	0.741866	-1.34795	0.826791	0.920232	-1.08668	0.117339	0.524537	-1.90644	0.160217	0.566016	-1.76673	0.134814	0.542511	-1.84328	0.955521	2.17755	2.02571	1
cg03536067	FADS6	0.531091	0.945573	1.06703	1.06703	0.685	0.93686	1.06703	0.685	0.938685	1.06703	0.685	0.545551	-1.83301	0.6254	1.59635	-1.59635	0.796606	1.27611	1.27611	0.784615	0.770504	1.27611	1.27611	0.76517	1.31308	0.682991	0.676839	-1.47746	0.955509	7.05065	6.215818	1.44976	1.44976	0.955509	13.676	12.7216	1
cg23451324	ZNF627	0.531092	0.787227	1.0421	1.0421	0.576899	1.08971	1.08971	0.529133	1.10205	1.10205	0.0739824	1.35461	1.35461	0.128897	1.28417	1.28417	0.549999	1.09656	1.09656	0.423935	1.22582	1.22582	0.723078	0.947216	-1.05573	0.955506	0.35155	0.32704	1
cg00921973	DPM2	0.531094	0.176639	2.59626	2.59626	0.576746	1.49103	1.49103	0.977848	1.03986	1.03986	0.270433	2.25443	2.25443	0.471406	0.595123	-1.68032	0.663252	1.36557	1.36557	0.257091	1.30887	2.30887	0.305669	1.56887	2.56887	0.153406	2.95312	2.95312	0.955504	7.59463	7.02616	1
cg07291195	DIP2C	0.531102	0.825119	0.940145	-1.06367	0.331228	1.3226	1.3226	0.933622	0.977035	-1.0235	0.828885	1.06223	1.06223	0.439939	1.24566	1.24566	0.81255	1.0685	1.0685	0.0834953	1.9993	1.9993	0.849102	0.948263	-1.05456	0.409766	0.726505	1.26505	0.955489	1.17708	1.09503	1
cg02046665	LOC100132215	0.531104	0.626264	1.19378	1.19378	0.664885	1.17034	1.17034	0.908427	0.959324	-1.0424	0.665659	1.16988	1.16988	0.10332	0.5257	-1.90222	0.644256	0.644438	-1.55174	0.700809	0.741548	1.41451	1.41451	0.29196	0.541958	1.84586	0.97105	1.83366	1						
cg15839173	NASP;NASP;NASP;NASP;NASP;NASP	0.531114	0.791789	1.064739	-1.03655	0.0558463	1.3417	1.3417	0.436171	1.11383	1.11383	0.318387	0.864235	1.16066	1.16066	0.0996	1.0996	1.0996	0.729145	1.0404	1.0404	0.686134	0.946373	-1.05667	0.635919	0.937345	-1.06684	0.964279	0.993942	-1.00609	0.955469	0.278571	0.259159	1
cg18403480	EXOG;EXOG	0.531124	0.86546	1.19763	1.19763	1	1	1	0.105656	0.15261	-6.55263	0.76115	1.38298	1.38298	1	1	1	1	1	1	0.656583	0.621302	-1.60952	0.49552	2.0876	2.0876	0.336456	0.348531	-2.86919	0.912715	10.9003	15.9236	1
cg20552680	C14orf80;C14orf80;C14orf80	0.531126	0.799042	0.811714	-1.23191	0.366401	2.13569	2.13569	0.808697	1.21907	1.21907	0.501779	1.74296	1.74296	0.918793	0.919991	-1.08697	0.747808	1.30186	1.30186	0.302952	2.36424	2.36424	0.032526	2.73879	2.73879	0.61191	1.51948	1.51948	0.955448	10.1181	9.41328	1
cg11457182	MAD1L1;MAD1L1;MAD1L1	0.531137	0.563547	1.17769	1.17769	0.283608	0.731961	-1.36619	0.810381	0.934889	-1.06965	0.164909	0.666366	-1.51431	0.0912214	0.559304	-1.68377	0.908604	0.968345	-1.03269	0.931995	0.996984	-1.00303	0.302566	0.750158	-1.33305	0.303891	0.742111	-1.34753	0.955543	1.18716	1.04648	1
cg27053157	ZNF767;ZNF767	0.531138	0.784853	1.07854	1.07854	0.745179	1.09429	1.09429	0.651136	0.881813	-1.13403	0.22433	1.42288	1.42288	0.231237	1.41478	1.41478	0.467167	1.22682	1.22682	0.0540085	1.83001	1.83001	0.664462	1.12816	1.12816	0.835221	0.94407	-1.05924	0.955429	1.15522	1.07477	1
cg05353131	OAZ2	0.531142	0.270889	1.29315	1.29315	0.533374	0.836047	-1.20413	0.733006	1.06434	1.06434	0.543777	0.894126	-1.11841	0.574782	1.10874	1.10874	0.657093	0.921856	-1.08477	0.121156	0.736344	-1.35806	0.545826	1.11782	1.11782	0.411536	1.16523	1.16523	0.955422	0.503848	0.466001	1
cg26454502	ALKBH6;ALKBH6	0.531151	0.658059	1.05541	1.05541	0.589011	0.93625	-1.06809	0.492023	1.08816	1.08816	0.721625	0.957613	-1.04426	0.6382	0.944274	-1.05901	0.743739	0.961005	-1.04065	0.237539	0.80088	-1.1616	0.0696288	0.782187	-1.27847	0.41943	1.10503	1.10503	0.955407	0.221776	0.206335	1
cg16104446	MCM4;MCM4;PKKDC;PKKDC	0.531152	0.481288	0.828663	-1.20681	0.376373	1.02135	1.02135	0.224224	1.03728	1.03728	0.0860755	1.03328	1.03328	0.110077	1.25145	1.25145	0.492272	1.1404	1.1404	0.0842292	1.65709	1.65709	0.0522972	1.52019	1.52019	0.0554504	1.63463	1.63463	0.955403	0.738513	0.68021	1
cg07208322	B4GALT7;B4GALT7	0.531154	0.273344	1.28259	1.28259	0.506619	1.15848	1.15848	0.779469	1.0632	1.0632	0.611981	0.894331	-1.11816	0.968081	1.00877	1.00877	0.898644	0.972562	-1.02821	0.318147	0.798299	-1.25266	0.215571	1.32919	1.32919	0.107573	1.4673	1.4673	0.955402	0.721257	0.671045	1
cg13745870	SPATA12;ARHGEF3;SPATA12	0.531116	0.371416	0.422294	-2.36802	0.52132	0.543035	-1.8415	0.133094	0.218258	-4.58173	0.503819	0.534477	-1.87099	0.525568	1.83805	1.83805	0.963318	1.04115	1.04115	0.566248	0.580067	-1.72394	0.461363	4.32544	4.32544	0.971929	1.0336	1.0336	0.955391	13.3502	12.4209	1
cg00138525	AATF	0.531196	0.709181	0.80318	-1.24497	0.63757	0.997922	-1.25043	0.971868	1.00235	1.00235	0.193558	1.352	1.352	0.723731	0.925347	-1.08081	0.934052	0.97391	1.02675	0.742612	1.13567	1.13567	0.452262	1.07147	1.07147	0.910287	0.91872	-1.08852	0.955402	0.122533	0.112053	1.24124	1.04341	1
cg25062184	DUSP27	0.531203	0.931089	1.03411	1.03411	0.632805	0.829708	-1.20524	0.709725	0.865016	-1.15605	0.527658	1.28168	1.28168	0.0439888	0.407345	2.45492	0.859562	1.0711	1.0711	0.996979	1.00147	1.00147	0.962687	0.982021	-1.01831	0.200295	0.591575	-1.6899	0.955318	2.27568	2.11744	1
cg20708326	ATP13A2;ATP13A2;ATP13A2	0.531214	0.0546803	0.723375	-1.38433	0.390934	0.878262	1.13861	0.37795	0.643	1.643	0.0402551	1.10401	1.10401	0.0581707	0.842744	-1.18705	0.603099	1.08223	1.08223	0.621556	0.927751	-1.07788	0.799259	1.0404	1.0404	0.43098	0.885893	1.1288	0.955299	0.341609	0.319113	1
cg17652028	JPH1	0.531215	0.305093	0.835542	-1.19683	0.374985	1.31125	1.31125	0.832285	1.03658	1.03658	0.329324	0.843201	-1.18596	0.572736	0.907962	-1.10137	0.374686	1.16691	1.16691	0.925529	0.984286	-1.01596	0.26016	0.819569	-1.22015	0.739061	0.944942	-1.05827	0.955298	0.434219	0.404034	1
cg26276611	DEAF1	0.531221	0.38726	0.559396	-1.78764	0.360287	1.85239	1.85239	0.151923	2.73501	2.73501	0.3479	0.530736	-1.88417	0.267391	0.468914	-2.13259	0.340149	0.524994	-1.90478	0.843089	0.878179	-1.13872	0.962489	0.969643	-1.03131	0.619809	0.720492	-1.38794	0.955289	6.50041	6.04858	1
cg24968269	CELSR1	0.531224	0.780656	1.06442	1.06442	0.514157	0.845153	1.06442	0.584308	1.078	1.078	0.706432	1.26485	1.26485	0.0429178	0.550536	-1.81675	0.381238	0.63047	-1.5862	0.646319	0.826548	-1.20974	0.652538	0.99145	-1.00855	0.992812	0.99145	-1.00743	0.955424	3.99045	3.71402	1
cg17253810	HCG9	0.531227	0.570211	0.836403	-1.1956	0.627815	0.858895	-1.16429	0.64601	0.865892	-1.15488	0.269366	0.698979	-1.43046	0.0830239	0.550183	-1.81758	0.107332	0.578546	-1.72847	0.229701	0.675432	-1.48053	0.381387	0.756137	-1.32251	0.982723	1.00676	1.00676	0.955278	1.46667	1.36474	1
cg25241964	KCND2	0.531233	0.560756	1.13943	1.13943	0.5	0.7109	1.1309	0.588829	1.16298	1.16298	0.0911	0.959122	1.16298	0.0911	0.740796	1.35062	0.759203	1.16298

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. 117 vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	S(Test)	SS(Error)	F(Error)
cg03017418	CDK5,CDK5,SLC4A2		0.531858	1.143249	0.629275	-1.6052	0.588835	1.17837	0.17837	1.179373	0.793823	1.08108	0.108108	0.424687	0.78249	-1.27797	0.928787	1.02726	1.027226	0.415403	1.778458	-1.28455	0.910208	0.966662	1.018449	0.828363	1.113165	1.113165	0.8809667	0.558705	1.788985	0.954207	1.36782	1.27419	1
cg04049634	RGS3;RGS3;RGS3		0.531858	0.345968	0.732895	-1.36445	0.159936	0.618323	-1.61728	0.0685128	0.520525	-1.92114	0.310396	0.714579	-1.39943	0.809377	1.08045	1.08045	0.989333	1.00429	1.00429	0.520295	0.811678	-1.23202	0.728386	0.894382	-1.11809	0.278781	1.607289	-1.43413	0.954206	1.54922	1.44317	1
cg10213059	KLHL1		0.531859	0.553366	0.819298	-1.22056	0.661936	1.15748	1.15748	0.174431	0.618659	-1.6164	0.642163	0.855943	-1.1683	0.307941	0.704128	-1.4202			0.512946	0.802071	-1.24677	0.917768	1.03492	1.03492	0.483584	0.789262	-1.26701	0.05504494	0.485253	-2.06078	0.954204	1.66981	1.55551	1
cg14773296	POLE		0.531861	0.804687	0.95462	-1.04754	0.491574	0.877256	-1.13991	0.224184	0.787146	-1.27041	0.330038	1.2124	1.2124	0.750836	1.06153	1.06153	0.416961	1.16822	1.16822	0.623343	0.911388	-1.09723	0.873031	0.970467	-1.03043	0.09695564	0.710171	-1.40704	0.954202	0.530976	0.494633	1
cg06753198	C1		0.531866	0.870356	0.962943	-1.03848	0.732155	1.082267	1.082267	0.278004	0.70745	-1.29794	0.822659	0.949427	-1.05327	0.602087	1.12932	1.12932	0.094382	1.52987	1.52987	0.211703	0.733743	-1.35549	0.531855	0.863812	-1.15766	0.880788	1.0353	1.0353	0.954192	0.807712	0.752434	1
cg14016031	FAM20C		0.531871	0.128988	2.22331	2.22331	0.449255	1.45577	1.45577	0.304757	1.67802	1.67802	0.0876244	2.50499	2.50499	0.58027	1.31263	1.31263	0.598204	0.771822	-1.29564	0.449495	1.45547	1.45547	0.382437	1.54689	1.54689	0.94129	0.964763	-1.03652	0.954185	3.58462	3.33932	1
cg14529401	QSOX2		0.531871	0.516623	0.879058	-1.13756	0.0992768	1.43274	1.43274	0.312171	0.22749	1.22749	0.780129	1.0564	1.0564	0.454513	0.861262	-1.16109	0.624849	0.907902	-1.10144	0.349229	1.30795	1.30795	0.801177	0.951734	-1.05071	0.342527	1.21134	1.21134	0.954183	0.580847	0.5411	1
cg00303108	RBM41;RBM41		0.531878	0.148791	1.305709	1.27109	0.682171	0.688317	-1.45282	0.914982	0.763126	-1.3104	0.494421	0.58799	-1.70071	0.675901	1.37959	1.37959	?	?	?	0.089272	0.238337	-4.19575	0.263979	0.387421	-2.58117	0.73453	0.709669	-1.29757	0.943313	7.77869	8.24615	1
cg07905119	ELFN1		0.531889	0.71603	1.28725	1.28725	0.296704	0.473396	-2.1124	0.134028	0.33729	-3.0554	0.970239	0.974543	-1.02612	0.174618	0.368609	-2.7129			0.512807	0.632058	-1.58213	0.795687	1.19644	1.19644	0.399948	0.551256	-1.81404	0.143913	0.337831	-2.96006	0.954154	7.2194	6.72559	1
cg19193454	SCD		0.531891	0.21397	2.020775	2.020775	0.16052	1.195438	1.195438	0.040352	1.0936	1.0936	0.169551	1.13193	1.13193	0.267453	1.07206	1.07206	0.361509	1.44997	1.44997	0.224465	1.20225	1.20225	0.375443	1.23122	1.23122	0.172311	1.23122	1.23122	0.954153	0.671488	0.539342	1
cg18875676	ANKRD52		0.531891	0.2657	1.485519	-1.37304	0.988548	1.002297	1.002297	0.117301	1.42147	1.42147	0.493443	0.864859	-1.15626	0.743311	1.07029	1.07029	0.909634	0.976801	-1.02375	0.869196	0.966496	-1.03466	0.644109	1.10094	1.10094	0.152882	1.37229	1.37229	0.954151	0.645831	0.601657	1
cg21843222	SF1;SF1;SF1;SF1		0.531897	0.763541	0.8810214	-1.24562	0.623071	1.414402	1.414402	0.141462	0.916189	0.926262	-1.07961	0.901994	0.915432	-1.09238	0.219408	0.829722	-2.57251	0.209989	0.379338	-2.63617	0.402961	2.48214	1.86824	1.86824	0.152817	2.98894	2.98894	0.557805	1.5404	1.5404	0.954012	7.91337	6.58461	1
cg10294200	NAA25		0.531899	0.297859	0.803866	-1.24359	0.641526	1.0995	1.0995	0.40596	0.864978	-1.1561	0.966316	1.00858	1.00858	0.289915	0.800742	-1.24984	0.23352	0.776709	-1.28748	0.310164	1.609382	-4.16098	0.960838	1.00998	1.00998	0.459716	1.16449	1.16449	0.954137	0.618474	0.557618	1
cg08470013	ORSAC2		0.531902	0.222594	0.613535	-1.6299	0.403698	0.722302	-1.38498	0.324941	0.647839	-1.47103	0.444043	0.742738	-1.34637	0.167219	0.744903	-1.34243	0.756771	1.25171	1.25171	0.313642	1.48155	1.48155	0.789212	1.10752	1.10752	0.123625	0.529595	-1.88824	0.954132	2.19527	2.04516	1
cg07063145	SIRT2;SIRT2;NFKBIB;NFKBIB		0.531902	0.494439	0.893634	-1.11903	0.113573	0.756495	-1.32173	0.931118	1.01411	1.01411	0.634127	0.552312	-1.08081	0.745673	1.05417	1.05417	0.327236	0.848807	-1.17812	0.16294	1.227308	1.227308	0.745673	1.05417	1.05417	0.154112	1.623816	1.623816	0.954132	0.360882	0.309836	1
cg10031442	ZFYVE21		0.531902	0.933879	0.962415	-1.03905	0.498739	0.728291	-1.37308	0.519967	0.739993	-1.35136	0.874738	1.07555	1.07555	0.0741742	0.399064	-2.50587	0.564704	0.764314	-1.30836	0.265683	0.585376	-1.7083	0.103138	0.439066	-2.27756	0.393834	0.668149	-1.49667	0.954132	3.22103	3.00078	1
cg25840072	NOL10		0.531906	0.1528	2.7584	-1.11872	0.559424	1.11249	1.11249	0.653735	1.08497	1.08497	0.696504	1.07336	1.07336	0.751314	1.0591	1.0591	0.579393	0.901829	-1.1064	0.470038	1.14194	1.14194	0.19787	1.37649	1.37649	0.445155	1.15093	1.15093	0.954124	0.492888	0.459189	1
cg06070492	COX15;COX15;CUTC		0.531908	0.709833	0.15005	-1.05005	0.633514	0.939174	-1.06476	0.931457	1.0113	1.0113	0.117613	0.808868	-1.23664	0.968825	1.0594007	-1.00512	0.673383	1.05696	1.05696	0.111881	0.7962626	-1.25482	0.248391	0.854142	-1.17077	0.682093	1.46527	1.46527	0.954129	0.270579	0.240341	1
cg04628209	HS3ST1		0.531924	0.991557	0.997757	-1.00225	0.987393	0.996652	-1.00336	0.0649279	1.55254	1.55254	0.670598	1.09505	1.09505	0.327146	1.23947	1.23947	0.263698	1.28053	1.28053	0.337793	0.810814	-1.23333	0.766577	0.938801	-1.06519	0.866238	1.03643	1.03643	0.954095	0.680607	0.634092	1
cg19706534	SCT8		0.531933	0.150568	0.658828	-1.51773	0.702825	1.10583	1.10583	0.397192	0.728979	-1.37178	0.420337	1.35048	1.35048	0.436699	1.33586	1.33586	0.754462	0.891821	-1.1212	0.117189	0.597382	0.53182	-1.88094	0.447836	0.793636	-1.33755	0.748529	0.889243	-1.12455	0.954078	2.01258	1.87506	1
cg06707886	C7orf20		0.531936	0.698113	0.897003	-1.11482	0.12908	1.57992	1.57992	0.553314	1.18203	1.18203	0.665896	0.885904	-1.12879	0.654259	1.13396	1.13396	0.572197	0.852853	-1.17254	0.448032	0.828607	0.754919	-1.32465	0.207571	1.44861	1.44861	0.954075	1.17515	1.09486	1
cg17930294	PDE4B;PDE4B;PDE4B		0.531956	0.135066	0.829434	-1.20582	0.30833	0.907343	1.10203	0.154483	0.737504	1.35785	0.97004	0.994439	1.00564	0.970004	1.0244159	0.974387	0.766115	1.30511	1.30511	0.225311	1.32871	1.32871	0.554073	1.23208	0.87102	1.12979	1.12979	0.954073	2.1607	2.01977	1
cg02905881	MSH6		0.531941	0.218342	2.96991	2.96991	0.280342	2.56876	2.56876	0.377018	0.466687	-2.14277	0.206904	3.06195	3.06195	0.192585	3.188	3.188	0.57402	1.61206	1.61206	0.480946	0.547561	-1.82628	0.797991	1.24064	1.24064	0.668583	1.43628	1.43628	0.954066	10.6798	9.95017	1
cg06686188	ATP4A		0.531951	0.2234	0.95634	-1.04595	0.92366	1.12686	1.12686	0.888355	0.693725	-1.04235	0.283493	1.39315	1.39315	0.227532	0.804551	-1.24287	0.146156	0.628811	-1.5908	0.155997	0.792162	-1.26228	0.0119	0.701098	1.42653	1.42653	0.0119	0.801579	1.12151	0.870966	1.77	1.24401	1
cg03532890	PBX1		0.532001	0.232998	0.586258	-1.70573	0.538269	1.30483	1.30483	0.714333	1.16997	1.16997	0.286974	0.623685	-1.60337	0.906067	0.950844	-1.0517	0.970617	1.98495	-1.01585	0.0701297	0.421242	-2.37393	0.708604	-1.17387	1.17387	0.718248	1.16732	1.16732	0.953963	7.75472	2.56681	1
cg13726682	RAB11FIP4		0.532008	0.390673	0.5773	-1.7322	0.723205	0.800812	-1.24873	0.423983	1.66538	1.66538	0.907241	1.07552	1.07552	0.131076	0.361212	-2.76846	0.95764	1.03373	1.03373	0.148888	0.380236	-2.62995	0.493415	0.64762	-1.54411	0.204182	0.433014	-2.30939	0.953952	5.8947	5.49266	1
cg18148314	ACOT7;ACOT7		0.532011	0.664251	1.061133	-1.2208	0.755257	1.13295	1.13295	0.428871	1.26486	1.26486	0.888355	0.993373	-1.04235	0.283493	1.39315	1.39315	0.227532	0.804551	-1.24287	0.146156	0.628811	-1.5908	0.155997	0.792162	-1.26228	0.0119	0.701098	1.42653	1.42653	0.0119	0.801579	1.12151	0.870966	1.77	1.24401	1
cg04503171	NUDCD1;NUDCD1;ENY2		0.532026	0.380983	0.819397	-1.22041	0.0815696	1.53401	1.53401	0.761371	1.06985	1.06985	0.781387	0.940198	-1.06361	0.782661	1.06321	1.06321	0.309455	1.26257	1.26257	0.320909	1.25524	1.25524	0.909039	1.02566	1.02566	0.141068	1.82089	1.82089	0.953925	0.742322	0.691715	1
cg09084370	C16orf57		0.532041	0.4164	0.8514	-1.17444	0.18244	1.18244	1.18244	0.0307153	1.16112	1.16112	0.0326921	1.36186	1.36186	0.226871	1.2062	1.2062	0.622924	1.09774	1.09774	0.451012	0.864449	-1.15647	0.941583	0.831692	-1.20249	0.451719	1.1552	1.1552	0.954055	1.68307	0.954455	1
cg02862761	PAQR9;PAQR9		0.532033	0.841486	1.04685	1.04685	0.306938	1.27359	1.27359	0.175808	1.38977	1.38977	0.846160	1.04542	1.04542	0.461653	1.18691	1.18691	0.163224	1.40535	1.40535	0.0601081	1.62402	1.62402	0.660351	1.1064	1.1064	0.626762	1.11857	1.11857	0.95391	0.789883	0.736043	1
cg26988523	WDR91		0.532034	0.356779	0.600715	-1.66482	0.314742	0.875405	-1.0908	0.706276	0.814573	-1.22764	0.960801	1.07002	1.07002	0.167975	1.08469	-2.59842	0.114097	0.936192	-1.06803	0.671959	1.34013	0.515196	1.94006	0.910958	1.09782	1.09782	0.0947958	1.42616	1.42616	0.710978	-1.40651	0.954124	4.38335	4.08476	1
cg00684543	AFF3		0.532034	0.950299	0.940675	-1.06307	0.0545499	0.717668	1.0178	0.487663	0.63873	-1.56557	0.780258	0.944812	1.05901	0.967604	1.03384	1.03384	0.380786	0.983847	-1.01642	0.633894	0.538951	-1.85545	0.960401	0.963606	-1.03835	0.731486	0.696734	-1.43527	0.953907	7.44524	6.91312	1
cg03326608	SH3RF2		0.532046	0.968973	0.986856	-1.01332	0.159284	1.66806	1.66806	0.216471	1.55646	1.55646	0.40484	0.748319	-1.33633	0.950536	0.979119	-1.02133	0.422681	0.756856	-1.32126	0.382139	0.737204	-1.35648	0.429777	1.31543	1.31543	0.442089	1.30554	1.30554	0.953887	1.74809	1.62897	1
cg03526205	CREB5;CREB5;CREB5;CREB5		0.532046	0.124224	0.389315	-1.76494	0.0533975	0.960829	-1.04158	0.774	0.802824	-1.24614	0.0853261	1.27214	1.27214	0.0850253	1.2818	-2.2818	0.258227	0.512449	-1.95141	0.354745	0.731319	-1.36684	0.0171	0.714232	-1.39994	0.0179745	0.852721	-1.17272	0.953881	4.85182	4.52124	1
cg23534593	ZNF41;ZNF41		0.532077	0.212001	0.255518	-3.91361	0.971751	0.963916	-1.03744	0.979309	1.02728	1.02728	0.100005	0.49177	-6.49177	0.550955	1.84072	1.84072	0.226779	0.267918	-3.73248	0.573443	0.550438	-1.80474	0.991807	0.9894	-1.01071	0.810758	0.77961	-1.28269	0.953835	16.2719	15.164	1
cg06975311	SPA31;SPA31;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1		0.532081	0.114845	0.594965	-1.68077	0.825404	1.0692	1.0692	0.732419	1.10952	1.10952	0.594549	0.84986	-1.17666	0.86246	0.948844	-1.05391	0.273545	1.41208	1.41208	0.51321	1.22239	1.22239	0.801997	0.926733	-1.07906	0.16356	0.637459	-1.56873	0.953828	1.38535	1.29103	1
cg07427475	-PLEC1;PLEC1		0.532084	0.361542	1.57135	1.57135	0.417791	1.4903	1.4903	0.928859	0.957885	-1.04397	0.980092	1.0121	1.0121	0.271445	1.73612	1.73612	0.370676	1.55728	1.55728	0.057283	2.81217	2.81217	0.611125	1.28029	1.28029	0.493299	0.715167	-1.39387	0.953824	5.50743	3.26865	1
cg03552268	KAB2		0.532085	0.760281	1.18608	1.18608	0.654563	1.02826	1.02826	0.33036	0.826737	-1.63521	0.478973	0.654241	1.52912	0.438913	0.840411	1.07735	1.07735	0.0230695	2.02929	0.572686	0.727701	-1.37439	0.0153862	0.61952	1.61452	1.61452	0.0153862	0.482551	-2.07214	0.95382	4.69762	4.37783	1
cg25621094	RAB4B		0.532097	0.161132	1.42467	1.42467	0.89864	0.970312	-1.0306	0.202757	1.37438	1.37438	0.157946	1.42907	1.42907	0.552963	1.15251	1.15251	0.792225	1.06442	1.06442	0.125563	1.48001	1.48001	0.571589	1.14476	1.14476	0.735675	0.922996	-1.08343	0.953801	0.844052	0.787355	1
cg11478534	HM13;HM13;HM13		0.532106	0.608646	0.849423	-1.15838	0.913192	0.909466	-1.0315	0.162265	1.53845	1.53845	0.545246	0.844221	-1.19016	0.288661	0.858218	-1.17085	0.51914	0.830404	-1.20423	0.955476	1.016	1.016	0.931981	0.752306	1.01525	0.915786	1.22152	1.13841	0.953796	1.22152	1.13841	1
cg26479868	TMTC1		0.532113	0.378375	0.572348	-1.74719	0.920709	0.940379	-1.0634	0.379485	1.74481	1.74481	0.531867	1.47841	1.47841	0.301432	0.516319	1.93679	0.507377	0.660172	-1.51476	0.166864	0.402555	-2.48413	0.203579	0.436685	-2.28998	0.579378	1.41296	1.41296	0.953774	7.75222	5.36649	1
cg13976799	SMAP1;SMAP1		0.532117	0.507628	1.17426	1.17426	0.170641	0.705602	-1.41723	0.0737204	0.62099	-1.61033	0.763336	0.930373	-1.07484	0.82295	1.05502	1.05502	0.439608	1.20729	1.20729	0.967905	1.00966	1.00966	0.749501	1.07957	1.07957	0.990485	0.997154	-1.00285	0.953767	0.862763	0.804075	1
cg05775542	NAP1		0.532119	0.165204	1.32705	1.32705	0.574152	0.880353	-1.13598	0.419312	1.18712	1.18712	0.607035	1.07779	1.07779	0.714656	0.927453	1.07848	0.510328	0.879982	-1.13636	0.425157	1.01216	1.01216	0.244566	1.24506	1.24506	0.672981	1.01216	1.01216	0.244566	0.792004	1.26248	0.953765	0.553745	0.51608	1
cg18235682	CCDC85C		0.532126	0.466677	0.714716	-1.39916	0.6604124	0.392513	-2.54769	0.398388	0.67566	-1.48003	0.303892	1.62067	1.62067	0.030755	0.907506	1.10192	0.995887	0.907665	-1.00234	0.808898	0.895953	-1.11613	0.657072	1.22459	1.22459	0.496793	1.36732	1.36732	0.953752	3.15084	2.89461	1
cg16439322	SFR4		0.532129	0.153492	0.622524	-1.60697	0.194187	0.732152	-1.36337	0.0662358	0.67459	-1.48302	0.265353	0.694814	-1.43923	0.324102	0.360403	0.683727	0.473526	0.904004	-1.10624	0.830894	0.564227	-1.77108	0.743793	0.739478	-1.35194	0.553735	0.854451	-1.17094	0.953778	2.24319	2.05111	1
cg08650251	TMEM192		0.532139	0.115266	1.41298	1.41298	0.120697	1.40464	1.40464	0.578692	0.892931	-1.11991	0.388701	1.19554	1.19554	0.950846	0.987631	-1.01252	0.83758	1.04231	1.04231	0.178219	1.33482	1.33482	0.582671	1.11856	1.11856	0.668994	1.09071	1.09071	0.9373	0.615667	0.57381	1
cg13767294	C17orf105;DUSP3		0.532144	0.469959	0.871029	-1.14807	0.0913911	0.705245	-1.41795	0.571321	1.11285	1.11285	0.814263	0.794139	-1.25923	0.930782	1.01645	1.01645	0.445156	0.863981	-1.15743	0.434555	0.860905	-1.16157	0.150934	0.748913	-1.33522	0.464527	0.869502	-1.15038	0.953728	0.532985	0.49675	1
cg09128250	L17RC;L17RC;L17RC		0.532146	0.807581	1.12668	1.12668	0.558645	1.31887	-1.27717	0.737893	1.16584	1.16584	0.574364	1.47963	1.47963	0.870956	1.14247	1.14247	0.0847177	2.08962	2.08962	0.0176344	1.31936	1.31936	0.284707	1.32221	1.32221	0.176574	1.32221	1.32221	0.176574	0.560228	1.54243	0.953721	2.8208	2.69356	1
cg21997403	NARF;NARF;NARF;NARF		0.532152	0.615894	0.777588	-1.28603	0.0954795	0.748426	-1.48426	0.262049	0.558992	-1.78893	0.470693	1.44044	1.44044	0.366424	0.630357	-1.5864	0.466767	1.47084	1.47084	0.826281	1.11551	1.11551	0.948673	0.96849	-1.03253	0.626381	0.783493	-1.27634	0.953707	2.37588	3.48198	1
cg20467139	PTPN22;PTPN22;PTPN22		0.532157	0.657341	1.2278	1.2278	0.323312	0.795539	-1.1489	0.163229	0.671037	-1.49023	0.475246	0.822869	-1.21511	0.289486	0.962552	-1.03899	0.680932	1.46729	1.46729	0.2096	0.680322	1.46729	1.46729	0.2096	0.680322	1.46729	1.46729	0.2096	0.680322

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 1047)	p-value(1057 vs. N)	Fold-Change(1 vs. 1057)	p-value(1117 vs. N)	Fold-Change(1 vs. 1117)	p-value(1127 vs. N)	Fold-Change(1 vs. 1127)	p-value(1217 vs. N)	Fold-Change(1 vs. 1217)	p-value(1217 vs. N)	Fold-Change(1 vs. 217)	p-value(1347 vs. N)	Fold-Change(1 vs. 1347)	p-value(1477 vs. N)	Fold-Change(1 vs. 1477)	p-value(1537 vs. N)	Fold-Change(1 vs. 1537)	p-value(1577 vs. N)	Fold-Change(1 vs. 1577)	p-value(5 vs. N)	Fold-Change(1 vs. 5637)	p-value(5637 vs. N)	Fold-Change(5 vs. 637)	F(Test)	SS(Test)	SS(Error)	F(Error
cg03304714	GDPD1;GDPD1;GDPD1	0.532719	0.256026	0.812901	-1.23016	0.965888	0.992556	-1.0075	0.323832	1.19485	1.19485	0.436003	0.870366	-1.14894	0.527656	0.894224	-1.11829	0.19741	0.788162	-1.26877	0.161635	0.770188	-1.29839	0.64322	1.08491	1.08491	0.673747	1.07678	0.952746	0.460577	0.429707	1
cg25233555	ATP11A;ATP11A	0.532738	0.148789	0.337227	-2.96536	0.429548	0.567755	-1.76132	0.80283	0.838938	-1.19198	0.670365	0.740405	-1.35061	0.0748719	0.24842	-4.02544	0.21648	0.401332	2.4917	0.208889	0.394604	-2.53418	0.989152	0.990502	-1.00959	0.553267	0.656387	-1.52349	0.952714	0.743521	0.6971	1
cg23668896	RNF141	0.53274	0.23637	0.793182	-1.26074	0.326839	1.20808	1.20808	0.608609	0.908057	-1.10125	0.142302	0.744859	-1.34254	0.643452	1.09095	1.09095	0.309818	1.21684	1.21684	0.789631	1.0512	1.0512	0.646538	0.917387	-1.09005	0.567467	1.11397	1.11397	0.952711	0.526202	0.490951	1
cg02491794	SPL;SPL	0.532748	0.466516	1.49515	1.49515	0.536618	1.40947	1.40947	0.565641	1.37058	1.37058	0.734786	1.8314592	-1.2027	0.505208	0.692869	-1.44341	0.751845	0.84181	-1.18792	0.0679728	0.3268361	-3.03324	0.844464	1.11251	1.11251	0.314279	1.75926	1.75926	0.952698	0.44599	0.44821	1
cg19369775	MBLAC2;MBLAC2;PDLR3G	0.532748	0.61414	1.08247	1.08247	0.147525	1.2741	1.2741	0.253894	1.2163	1.2163	0.514429	0.920277	-1.10855	0.62021	0.925087	-1.08098	0.567994	1.09413	1.09413	0.301473	0.846275	-1.18165	0.807413	0.962646	-1.0388	0.30108	1.18178	1.18178	0.952696	0.36662	0.342065	1
cg21572316	ABCA1	0.532757	0.934686	0.988299	-1.01834	0.369835	0.876099	-1.14742	0.204632	1.21197	1.21197	0.568004	1.08621	1.08621	0.309732	0.859868	-1.16297	0.228043	0.833828	-1.19929	0.498503	0.906023	-1.10372	0.782605	1.04051	1.04051	0.32094	1.15869	1.15869	0.952682	0.311261	0.290418	1
cg14246617	MITF	0.532758	0.985429	0.995717	-1.0043	0.244854	1.33105	1.33105	0.0652902	1.62648	1.62648	0.475255	1.1861	1.1861	0.763935	1.07337	1.07337	0.317176	1.27515	1.27515	0.524763	0.8594411	-1.16359	0.554319	0.868837	-1.15096	0.735841	1.08285	1.08285	0.952681	0.833746	0.777918	1
cg01835098	TMF1	0.532777	0.754043	0.939095	-1.06395	0.273549	1.25198	1.25198	0.202962	1.3035	1.3035	0.291615	1.240837	1.240837	0.129983	1.08083	1.08083	0.349607	1.20942	1.20942	0.553376	0.8129559	-1.23059	0.64311	0.913413	-1.0948	0.226847	1.28434	1.28434	0.952647	0.586862	0.547585	1
cg19338186	USP27X;LOC158572	0.53779	?	?	?	?	0.447887	0.307058	-3.25671	0.691467	1.83334	0.124673	12.5025	12.5025	0.103226	0.193936	11.9714	11.9714	0.525341	0.376073	0.260596	0.981928	1.03502	1.03502	0.855169	0.881617	-1.13428	0.910396	0.842767	-1.18657	0.941754	0.61121	0.32504	1
cg06811183	SHSA5	0.53278	0.702562	0.869198	-1.15049	0.421531	1.34986	1.34986	0.0804027	2.03113	2.03113	0.851552	1.07085	1.07085	0.183037	0.596775	-1.67567	0.480697	1.29941	1.29941	0.834127	0.926243	-1.07963	0.997008	0.998631	-1.00137	0.553204	1.24504	1.24504	0.952643	2.014919	1.8794	1
cg05323870	ZNF626;ZNF626	0.532793	0.283457	0.545148	-1.83487	0.0977	0.488716	1.24642	0.0462	1.62662	1.62662	0.0756806	0.716826	1.39504	0.0490091	0.542482	1.84305	0.119513	0.998638	-1.00136	0.994005	0.446178	-2.24126	0.227396	0.539866	-1.85261	0.916222	0.924678	1.05283	1.05283	0.952621	0.474192	0.47374	1
cg09820373	AR02	0.532799	0.228354	0.49754	-2.00989	0.283749	1.84945	1.84945	0.197923	2.5198	2.5198	0.21989	0.590734	0.741005	-1.34952	0.629648	1.30772	1.30772	0.285284	1.84555	0.419666	0.634286	-1.57658	0.625355	1.3122	1.3122	0.841747	0.895498	-1.1167	0.952611	0.59942	0.29175	1
cg06368721	STX19;STX19;DOM3Z;STX19	0.532803	0.677374	0.952328	-1.08156	0.857893	1.03481	1.03481	0.202663	1.20376	1.20376	0.0872773	0.697367	-1.43396	0.853708	0.91987	-1.10597	0.624284	1.10186	1.10186	0.954959	0.973572	-1.02394	0.615861	1.1014	1.1014	0.280948	1.23862	1.23862	0.926604	0.549914	0.513133	1
cg02913948	TMEM208;LRRC29;LRRC29	0.532807	0.836659	1.02917	1.02917	0.603639	0.929642	-1.07568	0.164292	1.58251	1.2961	1.22961	0.990336	1.00169	1.00169	0.391046	1.13022	1.13022	0.247335	1.1835	1.1835	0.218898	0.835179	-1.19735	0.30878	1.15803	1.15803	0.494227	1.10152	1.10152	0.952598	0.292709	0.273133	1
cg25711158	ALOX12B	0.532812	0.812926	0.858488	-1.16484	0.446762	1.64782	1.64782	0.480402	1.58735	1.58735	0.44055	1.64963	1.64963	0.204885	2.3654	2.3654	0.184384	0.404058	2.47489	0.47543	1.59536	0.982592	1.01414	1.01414	0.169744	2.56335	2.56335	0.952589	0.24961	0.5317	1
cg08357055	HKR1	0.532826	0.248419	0.707075	-1.14093	0.679202	1.52722	-1.07779	0.563562	0.931538	1.06936	0.209808	0.858922	-1.16425	0.398358	0.900543	1.11582	1.11582	0.900543	0.985717	-1.01446	0.746066	1.01795	1.01795	0.160053	0.843182	-1.18852	0.0946813	0.809496	-1.23534	0.952565	0.199732	0.18638	1
cg27490465	AP2A1;AP2A1	0.532839	0.227322	1.56545	1.56545	0.302558	1.45886	1.45886	0.957493	1.01903	1.01903	0.714978	0.878367	-1.13848	0.099263	1.89456	1.89456	0.870376	1.05945	1.05945	0.804255	0.9159333	-1.09178	0.262448	0.661547	-1.51161	0.9697	0.985346	-1.01487	0.952543	1.88643	1.76036	1
cg20786280	PURG;WRN	0.532839	0.625021	0.928899	-1.2486	0.342558	1.55468	1.55468	0.80439	0.894735	-1.11835	0.36529	0.657519	-1.53287	0.946107	1.03094	1.03094	0.779823	1.13464	1.13464	0.945694	0.9539986	-1.04839	0.929822	0.750601	-1.33227	0.993376	0.963015	-1.03841	0.952543	3.00493	2.86011	1
cg13239483	TMTC1	0.53284	0.247978	1.52705	1.52705	0.166857	1.31698	1.31698	0.424042	1.33124	1.33124	0.6795	0.864517	-1.15672	0.758573	1.11409	1.11409	0.919786	1.03593	1.03593	0.96262	0.983711	-1.01656	0.0353013	2.36084	2.36084	0.640309	1.17929	1.17929	0.952541	1.85626	1.72881	1
cg10782407	NEURL	0.53284	0.478872	1.67984	1.67984	0.0529403	4.87845	4.87845	0.101412	3.64091	3.64091	0.515468	1.60824	1.60824	0.609306	1.45805	1.45805	0.55704	1.53408	1.53408	0.646583	1.39464	1.39464	0.785021	1.21776	1.21776	0.82406	0.851771	-1.17402	0.95254	7.83178	7.30845	1
cg07268668	TEAD1	0.532851	0.748468	1.06302	1.06302	0.310654	1.34538	1.34538	0.50135	1.1384	1.1384	0.518239	0.893632	-1.11904	0.845995	0.960787	1.04105	0.354898	1.19814	1.19814	0.667099	1.47677	1.47677	0.678078	1.17966	1.17966	0.737052	0.935243	0.544278	0.507917	1	
cg20756026	HEXDC	0.532853	0.202959	0.47735	0.47735	0.409579	3.2296	3.2296	0.453466	0.345912	-2.8909	0.0943383	0.0775752	-12.8007	0.832511	1.34231	1.34231	0.888346	2.820605	-1.21565	0.553072	0.434252	-2.30281	0.692256	1.73846	1.73846	0.625448	0.504659	-1.98154	0.952519	29.1517	27.2043	1
cg07369507	3;ZNF323;ZNF323;ZNF323;ZNF323;ZNF32 3;ZNF323	0.532861	0.291984	1.54833	1.54833	0.696612	1.16961	1.16961	0.694215	0.853861	-1.17115	0.909876	1.04632	1.04632	0.915583	1.04331	1.04331	0.733557	0.872304	-1.14639	0.254806	0.624326	-1.60173	0.0808377	2.16863	2.16863	0.367662	1.44775	1.44775	0.952505	2.41184	2.25076	1
cg22221222	C5orf145	0.53287	0.522442	0.829378	-1.21363	0.606815	0.856379	-1.16771	0.334249	0.742713	-1.34641	0.129176	0.612806	-1.63184	0.394361	0.770618	1.29766	0.241245	0.691239	-1.44252	0.404261	1.29032	1.29032	0.5171	1.21755	1.21755	0.601227	1.17058	1.17058	0.95249	1.3457	1.25585	1
cg14965979	PI_PREH_PREPL	0.532872	0.757305	0.899496	-1.11173	0.130209	1.7481	1.7481	0.537959	1.23751	1.23751	0.207272	1.57529	1.57529	0.720706	1.13052	1.13052	0.473285	0.779392	-1.28305	0.224184	0.64641	-1.54701	0.770281	0.904787	-1.10523	0.756659	1.11026	1.11026	0.952487	1.76147	1.64385	1
cg04242349	BAIA2;BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.532875	0.397348	1.60903	1.60903	0.268171	1.88528	1.88528	0.781843	1.18141	1.1841	1.0041	0.874753	1.14321	0.707585	1.41414	1.41414	0.760922	1.23422	1.23422	0.827355	0.49276	-2.02966	0.534838	1.14798	1.14798	0.0453462	2.03086	2.03086	0.952484	4.70169	4.70169	1
cg10973236	FSF1;FSF1;C20orf7;C20orf7;C20orf7	0.532878	0.326169	2.71564	2.71564	0.579374	1.74711	1.74711	0.263664	3.1582	3.1582	0.411571	2.24861	2.24861	0.880792	0.863137	1.15856	0.065751	1.86072	1.86072	0.42819	0.455242	-2.21611	0.515011	1.91326	1.91326	0.666849	1.52975	1.52975	0.952467	14.3483	11.5974	1
cg17516945	DDHD2;DDHD2;DDHD2	0.532892	0.962057	0.98876	-1.01137	0.977054	1.00686	1.00686	0.556988	0.868361	-1.1516	0.14572	1.44942	1.44942	0.136169	0.682796	-1.46457	0.5344	1.16127	1.16127	0.686393	0.908055	-1.10126	0.305344	1.28687	1.28687	0.614621	1.12821	1.12821	0.952453	0.851769	0.794906	1
cg02631951	C20	0.532893	1.282163	1.37844	1.37844	0.0187792	1.29102	1.29102	0.0405687	1.31211	1.31211	0.0378868	1.49208	1.49208	0.0178344	1.1885	1.1885	0.195647	2.07611	-1.48134	0.0858386	0.6754611	-1.48052	0.512027	0.826151	-1.21043	0.502936	0.822643	-1.21559	0.952451	1.24405	1.16103	1
cg09780039	NFKBIZ;NFKBIZ	0.532908	0.228943	0.407585	-2.45348	0.769214	0.811379	-1.23262	0.210281	0.391708	-2.55292	0.257445	0.431748	-2.31616	0.0859116	0.259473	-3.85397	0.354052	0.507736	-1.96953	0.230526	0.408949	-2.4453	0.259878	0.432931	-2.30984	0.403802	0.544831	-1.83543	0.952427	7.62241	7.1139	1
cg19624299	DIC2	0.532916	0.583701	1.27284	1.27284	0.345317	1.48456	1.48456	0.604598	1.16524	1.16524	0.824734	1.10242	1.10242	0.441252	1.20736	1.20736	0.491252	1.22736	1.22736	0.588001	1.18801	1.18801	0.994954	1.00561	1.00561	0.919418	1.09086	1.09086	0.952411	0.126581	0.126724	1
cg09896211	VAV3;VAV3	0.532924	0.944423	0.978733	-1.02173	0.286948	0.711109	-1.40625	0.495451	0.807818	-1.2379	0.335877	0.736409	-1.35794	0.479199	1.24832	1.24832	0.762103	0.910634	-1.09814	0.092744	1.7689	1.7689	0.789308	0.92074	-1.08608	0.446622	1.78727	-1.27021	0.9524	1.43403	1.3384	1
cg07925411	NRCAM;NRCAM	0.532927	0.957798	0.982998	-1.0173	0.620518	1.17555	1.17555	0.820716	1.07633	1.07633	0.179483	1.58729	1.58729	0.820128	1.07655	1.07655	0.306088	1.40971	1.40971	0.0624919	2.13036	2.13036	0.900031	0.960092	-1.04157	0.985032	0.99394	-1.0061	0.952393	1.58391	1.4783	1
cg20894883	ZCCHC24	0.532939	0.677852	0.947925	1.05527	0.7796	0.661202	-1.51124	0.126219	0.93396	-1.07068	0.492697	0.546571	1.46571	0.560106	0.724288	-1.38067	0.64785	1.17666	1.17666	0.661951	1.23507	1.23507	0.212498	1.98789	1.98789	0.937635	1.72022	1.72022	0.952389	4.54229	4.32943	1
cg05262436	OLIG3	0.532931	0.623022	0.515656	-1.93928	?	0.0107245	?	0.446137	0.354126	-2.82385	0.866353	0.79839	-1.25252	0.371262	0.293105	-3.41175	0.65401	0.547134	-1.82771	0.830846	0.751294	-1.33104	0.061281	16.7562	16.7562	0.897654	0.841962	-1.1877	0.941492	23.6841	25.1559	1
cg01102745	SERP2	0.532966	0.819352	1.14792	1.14792	0.0987448	3.71646	3.71646	0.858804	4.7008	4.7008	0.513046	1.64777	1.64777	0.167494	1.06576	1.06576	0.318784	1.111	1.111	0.0553462	1.44848	1.44848	0.0470722	1.03407	1.03407	0.922127	0.93143	0.74088	0.913021	0.952372	0.93143	0.74088	1
cg01522446	RPL27	0.532972	0.722506	1.13141	1.13147	0.817653	0.620877	-1.08616	0.337063	1.40897	1.40897	0.0701802	0.495976	-2.01623	0.968883	1.00571	-1.00571	0.847419	-1.06901	1.06901	0.355402	1.70438	-1.38997	0.37038	1.37527	1.37527	0.654641	1.16879	1.16879	0.952318	1.80992	1.68937	1
cg01517656	RNF207	0.532978	0.469972	1.14828	1.14828	1.28031	1.23503	1.23503	0.538559	0.889475	-1.12426	0.61246	0.908386	-1.10085	0.38579	1.18204	1.18204	0.50751	1.13481	1.13481	0.0915584	1.41831	1.41831	0.88711	0.973635	-1.02708	0.23407	1.27156	1.27156	0.952308	0.533628	0.498091	1
cg06424363	UNC1	0.532982	0.679532	1.14792	1.14792	0.0987448	3.71111	3.71111

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105T 047 vs. N) vs. N)	Fold-Change(1-p-value(105T vs. N)	Fold-Change(1-p-value(105T vs. N)	Fold-Change(1-p-value(111T 057 vs. N) vs. N)	Fold-Change(1-p-value(112T 117 vs. N) vs. N)	Fold-Change(1-p-value(112T 127 vs. N) vs. N)	Fold-Change(1-p-value(121T 127 vs. N) vs. N)	Fold-Change(1-p-value(121T 217 vs. N) vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(1-p-value(353T 477 vs. N) vs. N)	Fold-Change(1-p-value(353T 537 vs. N) vs. N)	Fold-Change(1-p-value(537T vs. N)	Fold-Change(1-p-value(537T 377 vs. N) vs. N)	Fold-Change(1-p-value(5637 vs. N) vs. N)	Fold-Change(1-p-value(563T 637 vs. N) vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg10078135	CAPN10;CAPN10;CAPN10;CAPN10	0.533651	0.458088	1.9174	1.9174	1.146293	1.82533	3.82533	0.125276	4.17664	4.17664	0.949946	1.05558	1.05558	0.604436	0.637473	1.56869	0.53989	0.585865	-1.70688	0.694647	0.711839	-1.40481	0.326919	2.39157	2.39157	0.414999	2.05001	2.05001	0.951167	11.1818	10.4496	1
cg06340276	PPM1K	0.533656	0.146028	2.23414	2.23414	0.600932	3.796642	-1.25527	0.573322	1.34059	1.34059	0.180105	0.480355	-2.08179	0.214335	1.96084	1.96084	0.971036	0.981472	-1.01888	0.922872	1.05115	1.05115	0.508275	1.41295	1.41295	0.441087	1.49876	0.945116	3.99671	3.73505	1
cg08939425	CACNA1E	0.533665	0.446989	0.548554	-1.82297	0.328563	2.18418	2.18418	0.76305	0.791169	-1.26395	0.74703	0.778231	-1.28496	0.0635462	0.198663	-5.03364	0.911487	1.08997	1.08997	0.841897	1.16733	1.16733	0.410973	1.9181	1.9181	0.46587	0.56275	-1.77699	0.951145	9.04131	8.44952	1
cg19328357	KIF16B	0.533665	0.485413	2.76898	2.76898	0.608375	2.09946	2.09946	0.144001	0.7261	0.7261	0.164021	0.583445	0.58345	?	0.296402	0.296402	0.946305	1.10174	1.10174	0.285087	0.203769	-4.95616	0.971407	1.05254	1.05254	0.790808	0.683065	-1.46399	0.949905	26.8913	24.7708	1
cg26535859	SLC16A7	0.53368	0.31156	1.20204	1.20204	0.718003	1.06582	1.06582	0.323606	0.835945	-1.19625	0.849202	0.967096	-1.03402	0.280118	1.21816	1.21816	0.67068	1.07808	1.07808	0.1923	1.72452	1.72452	0.253879	1.23298	1.23298	0.378674	0.853207	-1.17205	0.951119	0.465389	0.434939	1
cg11791078	RANBP3L;RANBP3L	0.533684	0.620835	0.577804	-1.73096	0.937733	1.09239	1.09239	0.467592	0.433452	-2.30706	0.672883	0.618607	-1.61654	0.258032	3.79951	3.79951	0.620557	0.568688	-1.75843	0.334002	1.08616	1.08616	0.102099	0.132173	-7.56585	0.491992	2.20194	2.20194	0.951113	19.3692	18.0886	1
cg20549080	PPIC1	0.533693	0.061234	0.249104	-4.01439	0.925155	0.939959	-1.06388	0.379683	1.81096	1.81096	0.261219	0.46203	-2.16436	0.949537	1.04259	1.04259	?	?	?	0.695388	0.771582	-1.29604	0.918486	1.06979	1.06979	0.914878	0.931967	-1.073	0.940175	5.74767	6.11341	1
cg17363327	SUCLG1	0.533694	0.474669	0.532092	-1.87972	0.928309	0.186098	-5.37353	0.134423	0.225408	-4.43564	0.985804	1.01556	1.01556	0.903837	1.11181	1.11181	0.27111	0.369084	-2.70282	0.352707	0.43609	-2.2951	0.986463	0.985585	-1.01483	0.986846	1.01441	1.01441	0.951096	11.3444	10.6025	1
cg18402991	ART3;CXCL11	0.533699	0.677002	0.771999	1.29534	0.964989	0.973251	-1.02748	0.781073	0.841896	-1.1878	0.672285	0.603008	0.260705	-3.83576	0.603308	0.723362	-1.38243	0.702132	0.788702	-1.26791	0.756861	0.29484	-3.39167	0.624225	0.737135	-1.3566	0.951087	0.54776	0.53187	1
cg22854981	FCRLB	0.533699	0.9371	0.984697	-1.01554	0.338602	1.21257	1.21257	0.503264	1.14194	1.14194	0.580885	0.896767	-1.11512	0.667206	1.0882	1.0882	0.76718	1.05973	1.05973	0.93567	1.0159	1.0159	0.156773	1.34438	1.34438	0.0580881	1.51972	1.51972	0.951087	0.575107	0.537497	1
cg20700417	DNMT3A;DNMT3A;DNMT3A;DNMT3A	0.533708	0.303098	0.632671	-1.58206	0.74836	0.254254	2.06254	0.325061	1.54257	1.54257	0.516407	0.755302	1.32396	0.924606	0.960464	-1.04116	0.641258	1.12159	1.12159	0.621475	1.2365	1.2365	0.482001	0.772706	-1.29466	0.0910272	2.74035	2.74035	0.951078	-1.95636	0.396111	0.690278	-1.44863	0.951072	2.74035	2.56118	1
cg13016975	GPR26A	0.533709	0.41137	0.720989	-1.38698	0.772375	0.893189	-1.11958	0.0920948	0.485666	-2.05903	0.694587	0.857548	-1.16612	0.926229	0.964577	-1.03672	0.222254	0.606799	-1.64799	0.239932	1.61479	1.61479	0.380019	0.704109	-1.42006	0.921865	0.962513	-1.03895	0.95107	2.28454	2.13518	1
cg24683563	PYGO2	0.533725	0.261327	1.440933	1.440933	0.560884	0.792147	1.93307	0.966519	1.033291	1.01091	0.636527	1.15655	1.15655	0.187884	0.652831	-1.5317	0.344764	0.741341	1.34891	0.783611	0.902746	-1.10773	0.27147	1.41975	1.41875	0.46341	0.796097	-1.25613	0.95106	1.40612	1.33421	1
cg11991903	PTPRN2;PTPRN2;PTPRN2	0.533725	0.549843	0.717882	-1.39239	0.253324	1.92234	1.92234	0.906345	0.937431	-1.06675	0.470349	1.49528	1.49528	0.404214	0.620532	-1.59609	0.640319	1.29407	1.29407	0.623618	0.982657	-1.01721	0.250025	1.93192	1.93192	0.121001	2.512101	2.51201	0.951043	6.52008	6.22468	1
cg06829134	AFAP1L1;AFAP1L1	0.533728	0.829555	0.97452	-1.02615	0.716806	0.957326	-1.04458	0.657349	1.071057	1.05172	0.470682	1.26911	1.26911	0.670597	1.00898	1.00898	0.319511	1.13106	1.13106	0.364003	0.894329	-1.11816	0.379401	0.897685	-1.11398	0.806375	0.970128	-1.02984	0.951038	0.215887	0.201779	1
cg22539448	ZNF559	0.533734	0.0562007	0.641205	-1.55956	0.331166	0.818318	-1.22178	0.0238707	0.983669	1.0166	?	?	?	0.762326	0.964162	-1.0509	0.670644	1.02408	1.02408	0.126206	0.151051	0.885481	-1.12933	0.908272	0.97919	-1.02125	0.405491	0.856468	-1.16759	0.940106	0.440584	0.468654	1
cg13483431	ZNF148	0.533737	0.193193	0.418679	-2.38846	0.163224	0.390243	-2.56251	0.496673	0.646377	-1.54709	0.637773	1.34966	1.34966	0.988723	1.00898	1.00898	0.366927	0.556518	-1.79689	0.399543	1.72513	1.72513	0.383135	1.7603	1.7603	0.484685	0.638268	-1.56674	0.951022	6.02175	5.62833	1
cg21756765	SYN3;SYN3;SYN3	0.533746	0.379556	0.704345	-1.41976	0.128016	1.89588	1.89588	0.385186	1.41362	1.41362	0.466267	0.74956	-1.33412	0.233094	0.6249	1.6249	0.732966	0.87533	-1.14245	0.673478	1.17978	1.17978	0.324398	1.48567	1.48567	0.609838	1.22153	1.22153	0.951007	2.27693	2.12821	1
cg20937854	CIT	0.533754	0.409746	0.93751	1.07351	0.456624	1.81267	1.81267	0.139274	0.902528	1.24078	2.24078	0.363888	2.07266	1.649577	0.29755	-3.36078	0.652825	0.700995	-1.42654	0.288086	2.37237	2.37237	0.359864	2.09291	2.09291	0.907465	1.09552	1.09552	0.951001	9.72559	8.65511	1
cg12606694	AKAP7	0.533755	0.316322	3.04396	3.04396	0.522001	0.497931	-2.00831	0.378049	2.64275	2.64275	0.338795	0.346648	-2.88477	0.190495	0.225458	-4.43541	0.310082	3.09133	3.09133	0.49087	0.471469	-2.12103	0.523094	2.00454	2.00454	0.892411	1.15651	1.15651	0.950993	17.3895	16.2539	1
cg05176970	NOS1	0.533764	0.351964	2.26275	2.26275	0.516027	0.94706	-1.05614	0.925965	0.927403	-1.07828	0.283204	2.58751	2.58751	0.787835	0.930203	-1.07357	?	?	?	0.322455	0.317533	1.1493	0.186249	1.00268	1.00268	0.940054	0.961785	0.92312	1.0068	1.02068	0.940054	0.961785	0.92312	1
cg26218983	ZC3H12C	0.533765	0.293355	0.30017	-3.33144	0.972376	0.962978	-1.03845	0.626776	0.585453	-1.70808	0.0920433	0.12327	-8.11225	0.175431	0.200815	-4.9797	0.664628	0.621096	-1.61006	0.865326	1.20321	1.20321	0.901613	0.873921	-1.14427	0.392396	2.6194	2.6194	0.973988	17.4376	11.9355	1
cg31575955	SEMA5B	0.533767	0.709198	1.15188	1.15188	0.364993	0.703749	-1.42096	0.177143	0.576954	-1.73324	0.468395	1.32109	1.32109	0.502819	1.29262	1.29262	0.117519	1.89963	1.89963	0.743474	1.13196	1.13196	0.810543	0.91334	-1.09488	0.766858	0.893845	-1.11876	0.950971	2.14568	2.0056	1
cg12431138	TAZ;TAZ;TAZ;TAZ;DNASE1L1;DNASE1L1	0.533784	0.149965	0.636256	-27.6048	0.528244	0.253173	-3.94987	0.89166	0.746045	-1.3404	0.211866	16.899	16.899	0.712334	2.21705	2.21705	0.125369	0.0282689	-35.3745	0.670131	0.398053	-2.51223	0.704619	0.440969	-2.26773	0.969439	1.08585	1.08585	0.950943	69.6058	65.0637	1
cg10979020	HAUS4;HAUS4;HAUS4	0.533787	0.141223	0.859727	-1.16309	0.257295	0.550395	0.8707	-1.1485	1.32876	1.25985	1.25985	0.242659	-1.06972	0.0996841	0.109169	-9.16169	0.670644	0.924306	-1.08188	0.113276	0.45099	-2.21707	0.796311	1.06107	1.06107	0.641398	0.898087	-1.11348	0.950937	0.79091	0.739304	1
cg08099685	RAB40C	0.533789	0.475178	1.4104	1.4104	0.899795	0.942089	-1.06147	0.457025	1.43143	1.43143	0.920898	1.04816	1.04816	0.503945	1.37871	1.37871	0.199076	1.90136	1.90136	0.0891384	2.42967	2.42967	0.649276	1.24211	1.24211	0.0962464	2.37479	2.37479	0.950936	3.37724	3.15688	1
cg23839702	CCDC28A	0.533792	0.139446	1.31242	1.31222	0.980502	0.990122	-1.00998	0.753588	0.880805	-1.13529	0.849411	1.13548	1.13548	0.914102	0.760911	-1.31442	0.674153	0.832889	-1.20102	0.50503	0.641571	-1.18811	?	?	?	0.0250319	-1.81755	0.134406	0.672355	0.641571	0.623894	1
cg06290572	LOC100125556;LOC100125556	0.53794	0.432121	1.25949	1.25949	0.774488	1.11022	-1.11022	0.558114	1.18582	1.18582	0.2761	0.721793	-1.38544	0.43285	0.794272	-1.25901	0.867266	0.953004	-1.04931	0.0942338	0.588943	-1.69796	0.507685	1.21337	1.21337	0.549226	1.19052	1.19052	0.950926	1.24716	1.1658	1
cg04012986	LOC100188947 MBOAT7;MBOAT7;MBOAT7;MBOAT7;	0.53798	0.285037	0.610738	-1.63736	0.464572	0.718551	-1.39169	0.285973	0.611369	-1.63567	0.888479	0.939598	-1.06429	0.702659	0.843404	-1.18567	0.909313	1.0519	1.0519	0.0475773	0.36562	-2.73508	0.276	0.604605	-1.65397	0.854274	1.08507	1.08507	0.950916	2.96953	2.77583	1
cg12283674	TSEN34;TSEN34	0.53381	0.970139	0.990333	-1.00976	0.250103	0.666529	-1.50031	0.54206	0.812011	-1.23151	0.146026	0.950513	-1.69344	0.587056	0.831026	-1.20333	0.837352	0.932972	-1.07184	0.0737307	0.510246	-1.95984	0.195479	0.629945	-1.58744	0.923437	0.968075	-1.03298	0.950899	1.71576	1.60387	1
cg10962930	GFPT2	0.53813	0.574818	0.717412	-1.39403	0.256705	0.601007	-1.66203	0.562147	0.702567	-1.42335	0.645651	0.757583	-1.32008	0.641676	0.749574	-1.33406	0.602884	0.9055	1.1009	0.402992	0.470854	0.107853	-9.28403	0.144239	0.478879	-2.08821	0.825107	0.875499	-1.14221	0.950893	0.54544	0.58201	1
cg20597143	TNFRSF6B;TNFRSF6;RTEL1;RTEL1	0.533837	0.264659	0.454899	-2.19829	0.38012	1.84041	1.84041	0.575007	1.46788	1.46788	0.395806	0.55478	-1.80252	0.0907048	0.282872	-3.53517	0.479573	0.614497	-1.62735	0.658335	0.739688	-1.35192	0.476393	0.612258	-1.6333	0.386343	0.5479	-1.82515	0.950854	0.91295	0.46245	1
cg26924496	NTF3	0.53384	0.48766	0.570562	-1.75266	0.746129	0.772202	-1.295	0.0392491	0.148921	0.492128	-2.67463	0.880985	0.88761	-1.12662	0.698696	0.733786	-1.3628	0.441874	0.535774	-1.86646	0.465903	0.554042	-1.80492	0.446557	1.85413	0.172645	1.2597	1.25927	0.950848	0.53695	0.9155	1
cg16866567	PLEKHA2	0.53384	0.497748	0.708454	-1.41153	0.39459	1.2384	1.2384	0.297802	1.03619	1.03619	0.276925	0.42074	-2.4563	0.33384	0.29556	-3.38275	0.360881	0.66474	1.50611	0.314249	0.80007	0.800007	0.454461	1.2497	1.2497	0.354264	0.273157	0.3609	0.950848	26.7211	24.5799	1
cg07909178	ZACN	0.533845	0.165002	0.376474	-2.65623	0.376997	0.549949	-1.81835	0.242123	0.445982	-2.24224	0.751744	1.23284	1.23284	0.269037	0.468022	-2.13665	0.702645	0.776478	-1.28787	0.0711615	0.264625	-3.77893	0.633353	0.728353	-1.37296	0.593509	0.700928	-1.42668	0.950841	6.55131	6.12466	1
cg25380463	MESD1	0.533847	0.7286	1.37241	1.37241	0.722222	0.980502	1.0157	1.4957	0.314565	0.314565	0.152363	0.81875	0.21875	0.821543	0.13455	-7.43155	0.945284	1.1983	1.1983	0.0995134	0.156091	-6.40178	0.837077	1.0367	1.0367	0.959511	0.977141	0.95651	0.950812	0.91747	0.9261	1
cg04269879	STUB1	0.53846	0.183037	0.804343	-1.24325	0.804613	0.962523	-1.03894	0.764902	1.04696	1.04696	0.108236	1.31002	1.31002	0.37529	0.869156	-1.15054	0.77683	1.0477	1.0477	0.297243	0.846591	-1.18121	0.755095	0.952923	-1.0494	0.922711	0.985156	-1.01507	0.950809	0.357636	0.334345	1
cg01991530	MBTPS2	0.533865	0.127107	0.0885066	-11.2986	0.686148	0.550469	-1.81663	0.469104	0.338788	-2.9517	0.132859	10.837	10.837	0.688129	0.552686	-1.80935	0.338157	0.234339	-4.26733	0.737441	0.609908	-1.63959	0.827373	1.37843	1.37843	0.686651	1.81478	1.81478	0.950806	32.5303	30.4025	1
cg10481019	C16orf46;C16orf46	0.533869	0.743863	0.91645	-1.09115	0.183872	0.39339	-2.54265	0.0970598	0.315565	0.315565	0.0819641	0.336023	-2.97555	0.306761	0.435263	-2.29705	0.351174	0.450364	-2.22043	0.425266	0.508192	-1.96776	0.814489	1.2158	1.2158	0.847806	1.1732	1.1732	0.950804	0.74702	0.46207	1
cg04727722	PDE6B;PDE6B;PDE6B	0.533871	0.449855	0.681844	-1.46661	0.420721	0.664248	-1.50546	0.482697	0.701298	-1.42593	0.246304	0.546966	-1.82827	0.280822	0.57264	-1.7463	0.282306	0.5737	-1.74307	0.274234	0.76088	1.76088	0.758968	0.858076	-1.1654	0.146621	0.460773	-2.17027	0.950796	3.7246	3.48209	1
cg18130905	C18orf34;C18orf34	0.533873	0.0926102	0.832662	-1.20142	0.0955586	0.845186	-1.18343	0.0921599	0.242659	-4.12092	0.0899641	0.599948	-1.66722	0.265372	0.943409	-1.06025	0.347964	0.424424	2.35441	0.204104	0.547627	-1.82606	0.855795	0.66084	-1.51324	0.664888	0.466233	-2.14443	0.950779	0.30045	0.28568	1
cg07901411	EPAS1	0.533882	0.92617	0.94662	-1.05639	0.819922	1.14449	1.14449	0.238781	2.07559	2.07559	0.683384	1.27469	1.27469	0.327228	0.549574	-1.81959	0.24939	0.490403	-2.03914	0.200184	0.448906	-2.22764	0.236663	0.480051	-2.08311	0.793917	1.1676	1.1676	0.950777	2.37511	4.93174	1
cg02493614	PDE1 EEF1D;EEF1D;EEF1D;EEF1D;EEF1D;EEF1D;EEF1E1D;EEF1D;EEF1D;EEF1D;TGDS;EEF1D;E	0.533884	0.825557	0.95085	-1.05169	0.103671	1.50549	1.50549	0.11198	1.48461	1.48461	0.708279	0.917761	-1.08961	0.498261	1.17001	1.17001	0.806984	1.05748	1.05748	0.632871	0.895941	-1.11614	0.466024	1.18456	1.18456	0.339032	1.25232	1.25232	0.950757	0.784951	0.733872	1
cg02544429	EF1D;EF1D;EEF1D	0.533903	0.365496	0.889857	-1.12378	0.798212	1.03268	1.03268	0.623236	1.06412	1.06412	0.806808	0.969718	-1.03123	0.226616	0.852712	-1.17273	0.746706	1.04151	1.04151	0.0868236	0.788707	-1.2679	0.654769	0.945079	-1.05811	0.350594	1.12815	1.12815	0.950741	0.237183	0.221753	1
cg05616278	MIR574;FAM114A1;FAM114A1	0.533912	0.542375	1.21102	1.21102	0.794	1.08464	1.08464	0.117463	0.589736	-1.69567	0.419276	1.29203	1.29203	0.554113	1.20418	1.20418	0.907329	0.889499	-1.12423	0.13273	0.60443	-1.65472	0.826369	1.07059	1.07059	0.679699	0.879065	-1.13757	0.950726	1.45138	1.35697	1
cg26993071	THOP1	0.533915	0.0416618	0.387145	-3.40306	0.710991	1.30651	1.30651	0.848866	1.14678	1.14678	0.874601	0.892745	-1.12014	0.55673	1.56733	1.56733	0.489039	1.6567	1.6567	0.483318	0.599438	-1.66823	0.809462	1.1895	1.1895	0.7509	1.25707	1.25707	0.950721	1.77021	1.72486	1
cg06424368	ZNF529	0.533916	0.987466	0.99509	-1.00492	0.863384	1.05545	1.05545	0.0834154	1.29018	1.29018	0.0989278	1.7628	1.7628	0.0973455	1.24156	1.24156	0.973147	0.989508	-1.0106	0.287671	0.597568	-1.41329	0.556747	1.24154	1.24154	0.158818	1.60725	1.60725	0.950716	0.97484	1.18234	1
cg21973276	SMAD6;SMAD6	0.533921	0.741176	0.930109	-1.07514	0.375914	1.21973	1.21973	0.300767	1.26412	1.26412	0.0985308	1.48589	1.48589	0.413845	1.20033	1.20033	0.928343	1.27245	1.27245	0.306398	1.26007	1.26007	0.347828	1.23527	1.23527	0.151573	1.39913	1.39913	0.950711	0.71944	0.672656	1
cg07602796	LMF1	0.533924	0.694528	0.902009	-1.10853	0.628705	0.908158	-1.10147	0.745533	1.1731	1.1731	0.244864	0.884208	-1.13078	0.830228	1.13679	1.13679	0.760408	0.864474	-1.15655	0.218804	1.40048	1.40048	0.354538	0.676902	1.40574	-1.03655	0.218804	1.40048	0.354538	0.676902	1.40574	-1.03655	0.950946	1.11733	1.11733	0.950706	0.959946	0.859946	1
cg25354653	PMS2L2;STAG3L3;STAG3L3	0.533928	0.853203	1.17048	1.17048	0.869469	1.15001	1.15001	0.765824	1.28896	1.28896	0.831177	1.19894	1.19894	0.170171	3.46088	3.46088	0.294104	0.396608	-2.52138	0.155748	0.275068	-3.63546	0.235404	0.347561	-2.8772	0.878859	0.878431	-1.13839	0.9507	10.8745	10.1675	1
cg26760959	KLHL29	0.533933	0.150557	1.96249	1.96249	0.293482	1.84472	1.84472	0.362277	1.69402	1.69402	0.441983	0.643196	-1.55474	0.182066	0.450557	-2.21948	0.585905	0.733701	-1.36325	0.530018	1.43061	1.43061	0.405416	0.67666	-1.47785	0.772175	1.17753	1.17753	0.950692	4.47002	4.44077	1
cg13652892	STUB1	0.53384	0.183037	0.804343	-1.24325	0.804613	0.962523	-1.03894	0.764902	1.04696	1.04696	0.108236	1.31002	1.31002	0.37529	0.869156	-1.15054	0.77683	1.0477	1.0477	0.297243	0.846591	-1.18121	0.755095	0.952923	-1.0494	0.922711	0.985156	-1.01507	0.950809	0.357636	0.334345	1
cg01991530	MBTPS2	0.533865	0.127107	0.0885066	-11.2986	0.686148	0.550469	-1.81663	0.469104	0.338788	-2.9517	0.132859	10.837	10.837	0.688129	0.552686	-1.80935	0.338157	0.234339	-4.26733	0.737441	0.609908	-1.63959	0.827373	1.37843	1.37843	0.686651	1.81478	1.81478	0.950806	32.5303	30.4025	1
cg10481019	C16orf46;C16orf46	0.533869	0.743863	0.91645	-1.09115	0.183872	0.39339	-2.54265	0.0970598	0.315565	0.315565	0.0819641	0.336023	-2.97555	0.306761	0.435263	-2.29705	0.351174	0.450364	-2.22043	0.425266	0.508192	-1.96776	0.814489	1.2158	1.2158	0.847806	1.1732	1.1732	0.950804	0.74702	0.46207	1
cg04727722	PDE6B;PDE6B;PDE6B	0.533871	0.449855	0.681844	-1.46661	0.420721	0.664248	-1.50546	0.482697	0.701298	-1.42593	0.246304	0.546966	-1.82827	0.280822	0.57264	-1.7463	0.282306	0.5737	-1.74307	0.274234	0.76088	1.76088	0.758968	0.858076	-1.1654	0.146621	0.460773	-2.17027	0.950796	3.7246	3.48209	1
cg18130905	C18orf34;C18orf34	0.533873	0.0926102	0.832662	-1.20142	0.0955586	0.845186	-1.18343	0.0921599	0.242659	-4.12092	0.0899641	0.599948	-1.66722	0.265372	0.943409	-1.06025	0.347964	0.424424	2.35441	0.204104	0.547627	-1.82606	0.855795	0.66084	-1.51324	0.664888	0.466233	-2.14443	0.950779	0.30045	0.28568	1
cg07901411	EPAS1	0.533882	0.92617	0.94662	-1.05639	0.819922	1.14449	1.14449	0.238781	2.07559	2.07559	0.683384	1.27469	1.27469	0.327228	0.549574	-1.81959	0.24939	0.490403	-2.03914	0.200184	0.448906	-2.22764	0.236663	0.480051	-2.08311	0.793917	1.1676	1.1676	0.950777	2.37511	4.93174	1
cg02493614	PDE1 EEF1D;EEF1D;EEF1D;EEF1D;EEF1D;EEF1E1D;EEF1D;EEF1D;EEF1D;TGDS;EEF1D;E	0.533884	0.825557	0.95085	-1.05169	0.103671	1.50549	1.50549	0.11198	1.48461	1.48461	0.708279	0.917761	-1.08961	0.498261	1.17001	1.17001	0.806984	1.05748	1.05748	0.632871	0.895941	-1.11614	0.466024	1.18456	1.18456	0.339032	1.25232	1.25232	0.950757	0.784951	0.733872	1
cg02544429	EF1D;EEF1D;EEF1D	0.533903	0.365496	0.889857	-1.12378	0.798212	1.03268	1.03268	0.623236	1.06412	1.06412	0.806808	0.969718	-1.03123	0.226616	0.852712	-1.17273	0.746706	1.04151	1.04151	0.0868236	0.788707	-1.2679	0.654769	0.945079	-1.05811	0.350594	1.12815	1.12815	0.950741	0.237183	0.221753	1
cg05616278	MIR574;FAM114A1;FAM114A1	0.533912	0.542375	1.21102	1.21102	0.794	1.08464	1.08464	0.117463	0.589736	-1.69567	0.419276	1.29203	1.29203	0.554113	1.20418	1.20418	0.907329	0.889499	-1.12423	0.13273	0.60443	-1.65472	0.826369	1.07059	1.07059	0.679699	0.879065	-1.13757	0.950726	1.45138	1.35697	1
cg26993071	THOP1	0.533915	0.0416618	0.387145	-3.40306	0.710991	1.30651	1.30651	0.848866	1.14678	1.14678	0.874601	0.892745	-1.12014	0.55673	1.56733	1.56733	0.489039	1.6567	1.6567	0.483318	0.599438	-1.66823	0.809462	1.1895	1.1895	0.7509	1.25707	1.25707	0.950721	1.77021	1.72486	1
cg06424368	ZNF529	0.533916	0.987466	0.99509	-1.00492	0.863384	1.05545	1.05545	0.0834154	1.29018	1.29018	0.0989278	1.7628	1.7628	0.0973455	1.24156	1.24156

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Proobset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(471 vs. N)	Fold-Change(471 vs. N)	p-value(535T vs. N)	Fold-Change(535T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg24738006	PSMA7;SS1B1	0.534438	0.884484	0.972104	-0.0287	0.364255	1.19895	1.19895	0.270397	1.25012	1.25012	0.261923	0.796388	-1.25567	0.760139	1.06135	1.06135	0.706602	1.07637	1.07637	0.0927206	0.697653	-1.43338	0.963038	0.991022	-1.00506	0.971216	1.00705	0.948837	0.569778	0.533217	1
cg27533859	SSX1	0.534448	0.091038	0.175425	-5.70045	0.46752	1.99618	1.99618	0.273765	0.34476	-2.90057	0.406868	2.2108	2.2108	0.61743	0.624458	-1.60139	0.428486	2.12936	2.12936	0.490145	0.519215	-1.92599	0.962055	0.95649	-1.04549	0.939121	0.93107	-1.07403	0.949821	13.1521	12.3084	1
cg10499166	KDM1A;KDM1A	0.53445	0.234739	0.871607	-1.14731	0.719468	1.0406	1.0406	0.146037	1.18789	1.18789	0.931538	0.990565	-1.00953	0.156652	0.846068	-1.18194	0.593043	1.06028	1.06028	0.725462	0.961847	-1.03967	0.540906	0.70568	1.07068	0.890324	1.01534	1.01534	0.949817	0.183118	0.171371	1
cg02864377	KIFC1	0.53445	0.374185	0.747918	-1.33704	0.345718	1.36237	1.36237	0.868991	0.948793	-1.05397	0.126781	0.591016	-1.692	0.146821	0.609065	-1.64186	0.671278	0.872901	-1.14561	0.506307	1.23952	1.23952	0.773179	1.09639	1.09639	0.934178	0.97404	-1.02665	0.949792	1.52526	1.42746	1
cg03509079	HS3ST4	0.53448	0.141937	0.209332	-4.7771	0.359837	0.39361	2.54059	0.497972	0.505914	-1.97662	0.438486	0.457194	-2.18726	0.278805	0.327837	-3.0503	0.36137	0.394847	-2.53263	0.0590757	0.121119	-8.25636	0.458333	0.473359	-2.11256	0.338794	0.376621	-2.65519	0.949764	14.7545	13.8088	1
cg10276576	C11orf24	0.53449	0.954921	0.990883	-1.0092	0.308404	0.842977	-1.18627	0.514983	1.1291	1.11291	0.825362	0.964827	-1.03646	0.33327	1.17552	1.17552	0.0738409	1.38105	1.38105	0.36376	1.16326	1.16326	0.596175	1.00952	1.00952	0.416089	1.14387	1.14387	0.94075	0.394888	0.369583	1
cg08898253	UPK3A;UPK3A	0.53449	0.872851	0.850697	-1.17551	0.893946	1.14415	1.14415	0.0985148	6.22881	6.22881	0.267031	3.21379	3.21379	0.322356	0.356255	-2.80698	0.724343	1.42973	1.42973	0.684805	0.662316	-1.50985	0.991082	1.01135	1.01135	0.203431	3.8781	3.8781	0.949741	15.3321	14.3498	1
cg07532602	SIAH2	0.53449	0.239503	0.836916	-1.19486	0.586403	0.923668	1.08264	0.394414	1.17021	1.17021	0.712623	0.947911	-1.05493	0.667808	0.939504	-1.06439	0.174284	0.811486	-1.23231	0.453875	1.11659	1.11659	0.476981	0.900759	-1.11017	0.951814	1.14854	1.14854	0.949735	0.534244	0.294112	1
cg06635008	FBXL18	0.53457	0.310129	0.696521	-1.43577	0.255451	1.50505	1.50505	0.0855671	1.924	1.924	0.52073	0.612561	0.8199	0.0543589	1.0818	1.0818	0.820011	1.08164	1.08164	0.330618	1.18016	1.18016	0.97445	1.01109	1.01109	0.804005	0.918102	1.0882	0.949721	1.78365	1.6694	1
cg00055848	B3GNT2	0.53451	0.98947	0.996233	-1.00378	0.888205	0.960579	-1.04104	0.237479	0.701975	-1.42455	0.186393	1.49263	1.49263	0.242395	1.41883	1.41883	0.992353	0.997264	-1.00274	0.170133	0.658513	-1.51856	0.902262	0.965481	-1.03575	0.764045	0.917522	-1.08989	0.949715	1.22978	1.15102	1
cg04575395	CRMP1	0.53452	0.614221	0.923503	-1.08312	0.76244	1.43635	1.43635	0.0751975	1.43992	1.43992	0.145321	1.34068	1.34068	0.156161	1.34507	1.34507	0.237126	1.0448039	1.0448039	0.0744545	0.726183	-1.37705	0.98611	1.00813	1.00813	0.877825	1.03977	1.03977	1.00842	0.949567	1.4851	1.48051	0.949713	6.3205	5.9157	1
cg13433644	SDK1	0.53453	0.74308	0.851361	-1.17459	0.908003	0.945539	-1.0576	0.103942	0.419021	-2.38652	0.843596	1.10147	1.10147	0.144199	0.464164	-2.15441	0.621052	1.27609	1.27609	0.202823	0.523816	-1.90907	0.430596	0.67463	-1.48229	0.350033	0.624613	-1.60099	0.949711	3.60027	3.3697	1
cg06568555	FAM135B	0.53453	0.265434	0.809114	-1.14903	0.447726	0.911357	-1.09726	0.183688	0.503515	1.98574	0.262656	0.844573	1.1915	0.191771	0.976153	1.02463	0.227463	0.818344	1.22236	0.0413273	0.988774	-1.01238	0.22743	0.85899	-1.16416	0.68853	1.04952	1.04952	0.973509	0.872233	-1.14648	0.969722	0.995457	-1.00456	0.94971	0.215444	0.202583	1
cg03384825	DAB1	0.53454	0.195488	1.59884	1.59884	0.622291	0.843502	-1.18553	0.882439	0.950544	-1.05203	0.385399	1.35665	1.35665	0.302676	1.44192	1.44192	0.577748	1.12159	1.12159	0.51251	0.796381	-1.25568	0.163903	0.600988	-1.66393	0.648807	0.854565	-1.17019	0.949706	1.76719	1.65403	1
cg00842095	KIAA0247	0.53457	0.988607	0.101065	9.01065	0.173964	0.459722	4.45222	0.112785	3.59758	3.59758	0.486924	0.591847	-1.68962	0.927203	0.93447	-1.07013	0.902626	1.09503	1.09503	0.960271	1.03764	1.03764	0.538369	1.55642	1.55642	0.883634	0.897068	-1.11474	0.949671	8.27363	7.74409	1
cg23224405	DUSP16;DUSP16	0.53458	0.838419	0.806063	-1.03299	0.964423	0.989373	-1.08217	0.647018	1.1283	1.12383	0.837718	1.03314	1.03314	0.588314	0.919791	-1.09076	0.15472	0.784956	-1.27396	0.0631063	1.27262	-1.39419	0.410491	0.874769	-1.14316	0.864234	0.973161	-1.02758	0.949653	0.380088	0.355768	1
cg01069823	MCM5	0.53456	0.271175	0.497908	-2.0084	0.140573	0.380991	-2.62474	0.253038	0.483499	-2.06826	0.325424	0.538962	-1.85542	0.125113	0.364044	-2.74692	0.409377	0.598332	-1.67131	0.16346	0.404403	-2.47278	0.846167	0.888484	-1.12551	0.379503	0.577645	-1.73117	0.949632	5.57315	5.21666	1
cg22114309	KLHL17;NOC2L	0.53465	0.778393	1.03552	1.03352	0.421366	0.908483	-1.10074	0.213962	0.838159	-1.1652	0.797925	1.03043	1.03043	0.173491	0.844323	-1.18438	0.491512	1.08507	1.08507	0.184683	1.17868	1.17868	0.90012	0.985435	-1.01478	0.621367	0.943484	-1.0599	0.949623	0.205352	0.192218	1
cg16061381	TMEM168	0.53469	7	7	1.06863	0.160863	0.404704	-2.40704	0.261856	0.518346	-1.92921	7	7	7	0.0	1.54203	1.54203	0.282855	0.53453	-1.8708	0.163643	0.763165	-1.27687	0.90685	1.06751	1.06751	0.387593	0.608035	-1.64221	0.93429	3.58342	3.37517	1
cg06233018	DSCAM	0.53478	0.648981	0.776575	-1.2877	0.111779	0.384577	-2.60026	0.419006	0.634044	-1.57718	0.413679	1.58583	1.58583	0.991546	0.994171	-1.00586	0.826159	0.885705	-1.12904	0.644591	1.29215	1.29215	0.311411	1.78223	1.78223	0.277024	1.86606	1.86606	0.9496	0.47901	4.28625	1
cg25601275	FIBP;FIBP;FIBP;FIBP	0.53482	0.940845	1.009637	1.00963	0.938598	1.04252	1.04252	0.193742	0.753305	0.625024	-1.59994	0.631146	1.85126	1.85126	0.515525	0.615664	1.12455	0.674895	0.584546	-1.70973	0.213821	0.35373	0.35373	0.0982774	0.178922	11.0792	0.236337	4.0004	4.0004	0.950242	24.0599	19.5011	1
cg13656144	USP11	0.53488	0.236493	0.379278	-2.63659	0.115339	0.262357	-3.8116	0.801251	0.82107	-1.21792	0.388117	1.99643	1.99643	0.962227	1.03061	1.03061	0.124407	0.272442	-3.67051	0.802363	0.821916	-1.21667	0.863522	1.14393	1.14393	0.837864	0.852021	-1.17368	0.949585	9.18746	8.60022	1
cg07637194	ABHD6	0.53499	0.701389	0.8556	1.05556	0.732256	0.943088	-1.06035	0.375256	0.710662	-1.40703	0.28266	0.744573	1.19171	0.379153	0.976153	1.02463	0.993288	1.01875	1.01875	0.912894	1.46408	1.46408	0.0477205	1.04001	1.04001	0.919343	1.34256	1.34256	0.950338	0.949661	0.787161	1
cg18474742	SAMD5	0.53502	0.34293	1.24444	1.24444	0.108504	1.47971	1.47971	0.460743	1.18303	1.18303	0.270372	1.29287	1.29287	0.143857	1.42116	1.42116	0.2619	1.29333	1.29333	0.159816	1.39959	1.39959	0.540519	1.14876	1.14876	0.355103	1.23728	1.23728	0.949561	0.75339	0.705252	1
cg22753661	ADAMTS7	0.53412	0.505106	1.9944	1.9944	0.527021	1.92371	1.92371	0.283508	0.320646	-3.11871	0.720152	1.44373	1.44373	0.539024	0.53	-1.88679	0.334018	2.76519	2.76519	0.172449	0.40328	0.34173	2.70974	2.70974	0.363345	0.38534	-2.59511	0.949543	15.6706	14.6696	1
cg08597733	RAB31B	0.53416	0.358515	0.783126	-1.27661	0.129088	1.52835	1.52835	0.418763	1.23824	1.23824	0.577796	1.15654	1.15654	0.278627	1.33825	1.33825	0.460678	0.823442	-1.21441	0.761071	0.92434	-1.08185	0.270617	1.34537	1.34537	0.979605	0.99341	-1.00663	0.949537	1.00603	0.941775	1
cg19226866	NUDT22;NUDT22;TRPT1;TRPT1;NUDT2 2;TRPT1;TRPT1;NUDT22;TRPT1;NUDT2	0.53426	0.589022	1.39588	1.39588	0.412515	1.66917	0.636078	1.33839	1.33839	0.801052	0.856933	-1.16695	0.439125	0.617229	-1.62014	0.899616	0.925732	-1.08023	0.0680326	1.48909	1.48909	0.347313	1.60576	1.60576	0.199807	2.2893	2.2893	0.95452	5.62294	5.26389	1
cg23297872	SUTRK4	0.53445	0.219697	0.331938	-3.01261	0.999353	0.999308	-1.00069	0.836498	0.838132	-1.19313	0.170216	3.484	3.484	0.402287	2.08018	2.08018	0.154915	0.272316	-3.67221	0.627773	0.658686	-1.51817	0.95065	1.05431	1.05431	0.727949	1.34771	1.34771	0.949479	10.98	10.2793	1
cg06535161	RAI2	0.53452	0.161062	0.511566	-1.95503	0.184122	1.7215	1.7215	0.853073	0.894185	-1.11855	0.577563	-2.16763	-2.16763	0.185238	0.76622	-1.30433	0.167825	0.703333	-1.42161	0.311509	0.247477	-3.88384	0.783629	0.688899	-1.45174	0.86381	0.79258	-1.2617	0.949476	2.87387	2.81189	1
cg10601616	SORCS3	0.53453	7	7	1.90544	0.336455	-2.97216	0.597093	1.52073	1.52073	0.137098	3.51981	3.51981	7	7	0.0	1.73078	0.460053	0.553732	-1.80593	0.862646	1.14577	1.14577	0.876263	0.884751	-1.13026	0.767756	1.26202	1.26202	0.924594	0.703333	8.69365	1
cg03830738	FMO1	0.53454	0.851489	0.914319	-1.05104	0.238004	0.972002	1.24244	0.134655	0.207354	0.742511	-1.94678	0.777779	1.28504	0.178804	0.924251	-1.08169	0.207004	1.70228	1.70228	0.0351231	0.566039	-1.76666	0.372766	0.990821	-1.00926	0.623796	0.876483	-1.14092	0.949463	1.49133	1.39132	1
cg17882976	RBPMS;RBPMS;RBPMS;RBPMS	0.53466	0.427317	0.778009	-1.28533	0.871268	0.951012	-1.05151	0.360369	0.747335	-1.33809	0.799801	0.924311	-1.08189	0.343273	0.73905	-1.35309	0.236695	0.681137	-1.46813	0.558368	0.832505	-1.20119	0.122652	0.59566	-1.67881	0.0689376	0.532378	-1.87837	0.949462	1.44248	1.35045	1
cg02327501	CHGA;CHGA	0.53473	0.760618	1.30371	1.30371	0.964713	0.962403	-1.03907	0.125879	4.539	4.539	7	7	7	0.381692	2.20384	2.20384	0.191703	3.4679	3.4679	7	7	7	7	0.48315	1.86623	1.86623	0.947239	0.686958	6.05881	1
cg06197402	H19	0.53473	0.388323	0.799719	1.05996	0.623341	1.2796	1.2796	0.151683	1.24909	1.24909	0.929591	0.956937	-1.045	0.546449	0.797382	-1.25434	0.207046	0.715674	-1.39372	0.350457	0.420528	0.663726	-1.50665	0.668172	0.806715	-1.2396	0.94944	1.37838	1.37838	0.949247	3.78161	3.49247	1
cg12204343	LOC645323;LOC645323;LOC645323	0.53481	0.222291	0.466986	-2.14139	0.646409	0.760161	-1.31551	0.301227	1.88872	1.88872	0.950717	1.03779	1.03779	0.241157	0.482669	-2.07181	0.924783	0.945482	-1.05766	0.0894608	0.329022	-3.03926	0.960911	1.02952	1.02952	0.71097	0.801743	-1.24728	0.949427	5.29661	4.9617	1
cg23801032	TUBB2B	0.53482	0.211099	0.736042	-1.35862	0.15982	0.928455	1.16855	0.0754077	1.88316	1.8836	0.858439	0.958462	-1.04319	0.0964602	1.03914	1.03914	0.122559	1.12255	1.12255	0.0764586	0.827628	-1.5933	0.406496	0.833727	1.01521	1.01521	0.973645	1.11383	1.11383	0.653129	0.898076	-1.11349	0.949409	0.894095	0.837265	0.79496	1
cg02284814	PPP1R12B;PPP1R12B	0.53472	0.78227	0.923763	-1.08253	0.929595	1.02562	1.02562	0.0601055	0.544962	-1.83499	0.576571	0.850885	-1.17525	0.432132	0.794946	-1.25795	0.57183	1.17766	1.17766	0.340764	1.30374	1.30374	0.589751	0.855716	-1.16861	0.341354	0.755294	1.32399	1.32399	0.949391	1.23199	1.15348	1
cg17251319	FAM134B	0.53476	0.501759	1.22533	1.22533	0.157073	1.56997	1.56997	0.266101	1.41254	1.41254	0.134607	1.61741	1.61741	0.870418	1.04986	1.04986	0.874929	1.04807	1.04807	0.243399	0.695015	-1.43832	0.768941	1.09177	1.09177	0.896812	1.03943	1.03943	0.949385	1.33584	1.25072	1
cg06948985	FAM134B;FAM188A	0.53477	0.452538	1.07602	1.07602	0.35982	1.08455	1.08455	0.0850574	1.18636	1.18636	0.858439	0.958462	-1.04319	0.0964602	1.03914	1.03914	0.122559	1.12255	1.12255	0.406496	0.827628	-1.5933	0.406496	0.833727	1.01521	1.01521	0.973645	1.11383	1.11383	0.653129	0.898076	-1.11349	0.949409	0.894095	0.837265	0.79496	1
cg22948414	PPP1R12B;PPP1R12B	0.53472	0.78227	0.923763	-1.08253	0.929595	1.02562	1.02562	0.0601055	0.544962	-1.83499	0.576571	0.850885	-1.17525	0.432132	0.794946	-1.25795	0.57183	1.17766	1.17766	0.340764	1.30374	1.30374	0.589751	0.855716	-1.16861	0.341354	0.755294	1.32399	1.32399	0.949391	1.23199	1.15348	1
cg17251319	FAM134B	0.53476	0.501759	1.22533	1.22533	0.157073	1.56997	1.56997	0.266101	1.41254	1.41254	0.134607	1.61741	1.61741	0.870418	1.04986	1.04986	0.874929	1.04807	1.04807	0.243399	0.695015	-1.43832	0.768941	1.09177	1.09177	0.896812	1.03943	1.03943	0.949385	1.33584	1.25072	1
cg06948985	FAM134B;FAM188A	0.53477	0.452538	1.07602	1.07602	0.35982	1.08455	1.08455	0.0850574	1.18636	1.18636	0.858439	0.958462	-1.04319	0.0964602	1.03914	1.03914	0.122559	1.12255	1.12255	0.406496	0.827628	-1.5933	0.406496	0.833727	1.01521	1.01521	0.973645	1.11383	1.11383	0.653129	0.898076	-1.11349	0.949409	0.894095	0.837265	0.79496	1
cg23050792	ISOC2;ISOC2;ISOC2	0.53474	0.538593	1.23132	1.23132	0.88729	0.953709	-1.04854	0.865857	1.05813	1.05813	0.168033	1.15461	1.15461	0.532544	1.23505	1.23505	0.851	1.06486	1.06486	0.100956	0.548618	-1.82276	0.107335	0.555769	-1.79931	0.829356	0.930404	-1.07408	0.949371	1.67945	1.57246	1
cg11621911	NALCN	0.53475	7	7	1.03863	0.0683	0.881483	-1.12141	0.541501	0.845839	-1.18264	0.539338	0.956358	-1.04551	0.648578	1.54829	1.54829	0.0986918	1.15468	1.11026	0.292888	-3.4143	0.417805	2.39312	0.0986918	1.15468	1.11026	0.292888	-3.4143	0.417805	2.39312	0.949362	1.0027	1.0027	1.79612	0.999662	1.0027	1.79612

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Probeset ID	UCSC_REFGENE_NAME ARHGEF7,ARHGEF7,ARHGEF7,ARHGEF	p-value(Test)	Fold-Change(1-vs. N)	p-value(1047 N)	Fold-Change(1-vs. 047 vs. N)	p-value(105T N)	Fold-Change(1-vs. 057 vs. N)	p-value(105T N)	Fold-Change(1-vs. N)	p-value(111T N)	Fold-Change(1-vs. 117 vs. N)	p-value(112T N)	Fold-Change(1-vs. N)	p-value(112T N)	Fold-Change(1-vs. 127 vs. N)	p-value(121T N)	Fold-Change(1-vs. 217 vs. N)	p-value(121T N)	Fold-Change(1-vs. N)	p-value(347T N)	Fold-Change(1-vs. 347 vs. N)	p-value(347T N)	Fold-Change(1-vs. 477 vs. N)	p-value(353T N)	Fold-Change(1-vs. 537 vs. N)	p-value(353T N)	Fold-Change(1-vs. 537T vs. N)	p-value(537T N)	Fold-Change(1-vs. 37T vs. N)	p-value(563T N)	Fold-Change(1-vs. 637 vs. N)	p-value(563T N)	F(Error)	F(Test)	SS(Test)	SS(Error)
cg22965016	7,ARHGEF7	0.515305		0.912202	1.07474	1.07474	0.656909	0.4086	1.04816	0.100714	3.23783	3.23783	0.865032	1.11759	1.11759	0.898461	1.08701	1.08701			0.453115	1.64783	1.64783	0.549294	1.44581	1.44581	0.984	0.986981	-1.01319	0.8577	0.889327	-1.12445	0.948373	0.41462	0.01227	1		
cg00148666	MTIX	0.515316		0.66805	0.901068	-1.10979	0.464241	0.835369	-1.19708	0.401787	1.23026	1.23026	0.904254	1.02949	1.02949	0.955086	1.01369	1.01369			0.775664	0.933331	-1.07143	0.036674	0.556424	-1.79719	0.887275	1.03484	1.03484	0.802248	1.06247	1.06247	0.948356	0.875856	0.820935	1		
cg26502485	SPATA9	0.515317		0.626315	1.35199	1.35199	0.119304	0.354038	-2.82456	0.245009	0.473792	-2.11063	0.431013	0.83836	1.63836	0.963941	0.972612	1.02816			0.982056	1.089475	-1.01064	0.295909	0.513878	-1.94599	0.603093	1.37995	1.37995	0.428346	1.64326	1.64326	0.948354	5.66717	5.31182	1		
cg23684204	RCC0,RCD1	0.515322		0.322032	0.458481	-2.18112	0.64512	0.702218	-1.42406	0.060265	5.02963	5.02963	0.465001	0.567317	-1.76268	0.383769	0.506215	-1.97544			0.975261	1.02392	1.02392	0.759873	0.791605	-1.26326	0.706255	0.772832	-1.29394	0.731954	0.769437	-1.29965	0.948345	0.727774	0.18055	1		
cg01939212	KIAA0182	0.515323		0.429833	1.18729	1.18729	0.81994	0.915543	-1.09292	0.227583	0.763515	-1.30973	0.238244	0.768622	-1.30103	0.57181	1.12943	1.12943			0.99482	1.00138	-1.00138	0.659004	0.909734	-1.09922	0.21869	1.31731	1.31731	0.266996	0.781649	-1.27935	0.948331	0.681573	0.638852	1		
cg22546701	WASF1;WASF1;WASF1;WASF1;WASF1;CDC40	0.515342		0.337649	0.84608	-1.18192	0.558479	0.90479	-1.10523	0.0821632	0.722069	-1.38491	0.219004	0.803652	-1.24432	0.835002	1.0359	1.0359			0.844328	0.967304	-1.0338	0.947786	1.01114	1.01114	0.417082	1.15054	1.15054	0.562837	1.10398	1.10398	0.948312	0.429421	0.402513	1		
cg26121790	PQLC2;PQLC2;PQLC2	0.515343		0.393385	1.21479	1.21479	0.411598	0.12584	1.10644	0.154405	1.08491	1.08491	0.568257	0.879542	-1.13695	0.625386	1.11573	1.11573			0.946666	1.015	1.015	0.357864	0.810276	-1.23415	0.299192	1.37056	1.37056	0.112055	0.680399	-1.46973	0.948309	0.743867	0.697257	1		
cg05486650	NR4A1;NR4A1	0.515345		0.137531	0.41313	-2.42059	0.688744	1.24914	1.24914	0.623842	1.31416	1.31416	0.467491	1.50476	1.50476	0.332238	0.398043	-2.51229			0.897472	1.07385	1.07385	0.887758	1.08109	1.08109	0.749025	1.03752	1.03752	0.768268	0.543266	-1.84072	0.948306	0.43839	0.3009	1		
cg16794506	EN1	0.515346		0.359894	4.00062	4.00062	0.937943	1.12152	1.12152	0.870717	1.27112	1.27112	0.802441	0.691266	-1.44662	0.730031	0.600361	-1.66566			0.801516	0.690042	-1.44919	0.193213	7.59891	7.59891	0.055459	24.4638	24.4638	0.422952	3.33844	3.33844	0.948304	32.5818	30.5404	1		
cg24606939	TBC1D23	0.515348		0.942507	1.03784	-1.0362	0.870808	1.0657	1.02022	0.629464	1.16666	1.16666	0.574183	1.09045	1.09045	0.984886	1.11118	1.11118			0.42362	1.16904	1.16904	0.311036	0.717637	-1.39346	0.80264	1.04902	1.04902	0.373976	1.19146	1.19146	0.948301	0.548559	0.514191	1		
cg26339983	NOC3l;METTL4	0.515353		0.960113	1.00644	1.00644	0.839669	1.02633	1.02633	0.148174	1.22023	1.22023	0.922144	0.987535	-1.01262	0.317764	1.14169	1.14169			0.788101	0.966023	-1.03517	0.244402	0.855335	-1.16913	0.855635	0.976902	-1.02364	0.142105	1.22448	1.08292	0.947282	0.247286	0.231795	1		
cg26450106	SYCE2;SYCE2	0.515357		0.710371	1.28772	1.28772	1.35772	0.924538	0.925271	-1.08076	0.828204	1.2048	1.2048	0.90766	1.09098	1.09098	0.596834	1.54904	1.54904			0.072365	1.57389	1.57389	0.135654	0.268482	-3.72405	0.73229	0.747182	-1.33836	0.828653	0.830144	-1.20461	0.948287	31.094	9.46173	1		
cg04765236	ZBTB7A	0.515357		0.882504	1.07506	1.07506	0.242535	1.81935	1.81935	0.785994	0.875301	-1.14246	0.532152	0.733904	-1.36258	0.941141	0.8368	0.8368			0.216968	0.529547	-1.88841	0.268381	1.75798	1.75798	0.212212	0.525681	-1.90229	0.495542	1.40306	1.40306	0.948286	3.5969	3.37161	1		
cg24110966	SERPINB6	0.515359		0.619229	1.19671	1.19671	0.959685	0.10829	1.01829	0.721428	0.879558	-1.13693	0.842901	1.0737	1.0737	0.197197	1.63017	1.63017			0.720238	1.13759	1.13759	0.042794	2.0046	2.0046	0.348185	0.544187	1.24335	1.24335	0.948283	1.92982	1.80895	1		
cg20029347	DGKC;DGKC	0.515368		0.691258	1.84007	-1.19038	0.460268	0.690288	-1.44865	0.336302	0.760798	-1.31441	0.880918	0.930484	-1.07471	0.854991	0.436151	-2.29202			0.582293	1.27445	1.27445	0.219646	1.7568	1.7568	0.786593	1.12577	1.12577	0.434471	0.705997	-1.41644	0.948267	0.228482	0.161625	1		
cg02097443	KIF17;KIF17	0.515371		0.383994	0.766324	-1.30493	0.12544	0.609897	-1.63962	0.82588	1.0679	1.0679	0.195662	0.664959	-1.50385	0.427328	1.27334	1.27334			0.962911	1.01396	1.01396	0.252012	0.699925	-1.42872	0.817712	0.933479	-1.07126	0.290564	0.721063	-1.38684	0.948262	1.33511	1.25152	1		
cg10657630	PRMT2;PRMT2	0.515381		0.708426	1.1507	1.1507	0.654841	0.845244	-1.18309	0.346164	0.695938	-1.43691	0.960803	0.982725	-1.01758	0.659189	1.08708	1.08708			0.626044	0.832354	-1.20141	0.950197	1.02555	1.02555	0.942986	1.28773	1.28773	0.743029	0.884331	-1.1308	0.948246	2.09672	1.96547	1		
cg24765005	BEX2;BEX2;BEX2;BEX2;BEX2;BEX2	0.515383		0.295639	0.1134	0.1134	0.622594	0.443013	-2.25727	0.960485	0.91852	-1.08842	0.20686	0.91852	-1.08842	0.20686	0.91852	-1.08842			0.089158	1.0461214	-21.6819	0.347469	1.69924	1.69924	0.722397	1.79574	1.79574	0.252624	0.595164	-1.68021	0.948242	40.4496	37.9178	1		
cg01883380	WDR37	0.51539		0.154299	2.68725	2.68725	0.925493	0.941166	-1.06251	0.896297	1.08821	1.08821	0.476941	1.59808	1.59808	0.416807	1.71249	1.71249			0.561383	0.683391	-1.46329	0.735376	0.802592	-1.24596	0.06770222	3.76884	3.76884	0.626606	1.3819	1.3819	0.94823	6.3111	5.91615	1		
cg04780434	NIPP5A	0.515394		0.639996	1.5762	1.5762	0.28662	0.938947	-1.06442	0.425229	0.624335	-1.6017	0.978771	1.02387	-1.02387	0.570488	1.14551	1.14551			0.792533	1.14619	-1.14619	0.473185	2.82384	2.82384	0.092964	1.33474	0.251764	0.538087	-1.85844	0.948224	4.02359	3.77182	1		
cg13854874	CHAP1B	0.515398		0.878723	1.08542	1.08542	0.426964	0.646987	-1.54563	0.758562	0.847466	-1.17999	0.926102	1.05106	1.05106	0.920982	1.31897	1.31897			0.867629	0.943143	-1.06038	0.042884	0.585035	-1.70913	0.352811	1.32811	1.32811	0.948217	4.32791	4.05713	1		
cg26654773	LRP5	0.515399		0.180674	0.461542	-2.16623	0.830118	0.889098	-1.12398	0.915253	1.09363	1.09363	0.525749	0.730476	-1.41869	0.121662	0.40437	-2.49105			0.271444	0.53647	-1.86404	0.511577	0.696193	-1.43638	0.89116	0.963461	-1.03782	0.883286	-1.12489	0.9482	4.44643	4.16537	1		
cg01079242	DPEP1;DPEP1 NEDD4L;NEDD4L;NEDD4L;NEDD4L;NED	0.515409		0.732541	0.855799	-1.1685	0.172838	1.93194	1.93194	0.514553	0.740801	-1.34989	0.403113	0.678144	-1.47461	0.813714	0.898388	1.11331			0.359993	1.53298	1.53298	0.110483	2.20235	2.20235	0.666524	2.2175	2.2175	0.751044	1.15545	1.15545	0.948197	3.09454	2.90098	1		
cg13009302	D4L;NEDD4L;NEDD4L	0.515415		0.149055	0.447488	-2.2347	0.278275	1.76956	0.916541	0.946984	-1.05598	0.704693	0.820476	-1.2188	0.966537	0.903223	-1.10714			0.47909	0.688032	-1.45342	0.060729	0.386837	-2.58507	0.870913	0.91896	-1.08819	0.426865	0.655994	-1.52441	0.948188	4.05551	3.80188	1		
cg00220905	RGMB	0.515417		0.989529	0.985623	-1.01459	0.0752242	8.90095	8.90095	7	7	7.751366	1.42019	1.42019	7	7				0.906256	0.878087	-1.13884	0.573975	0.534245	-1.8718	0.358888	0.353058	-2.8324	0.585579	1.83605	1.83605	0.923248	1.85809	17.1455	1		
cg11228682	ATXN1;ATXN1	0.515423		0.263631	0.132512	-7.55612	0.61999	0.402754	1.14481	0.14481	0.146789	1.37801	1.37801	0.616936	1.15422	1.15422	0.443142	0.723743	-1.38171			7	7	7	0.796263	1.11292	1.11292	0.377494	0.808321	-1.23707	0.813747	0.915366	1.09211	1.09211	0.948144	1.76281	1.65265	1		
cg22083298	TKTL2	0.515441		0.507065	0.794045	-1.25937	0.217063	0.640833	-1.56047	0.49151	0.780187	-1.27048	0.230965	0.650164	-1.53807	0.196333	0.626189	1.59696			0.267883	1.48502	-1.48502	0.442781	0.764814	-1.30751	0.365995	0.727743	-1.3747	0.793366	1.09411	1.09411	0.948144	1.76281	1.65265	1		
cg04381712	VPS36	0.515442		0.561351	0.91537	-1.09245	0.459651	1.12003	1.12003	0.368141	1.14933	1.14933	0.346557	0.864204	-1.15713	0.45875	0.892623	-1.12029			0.820438	0.966348	-1.03482	0.073002	0.740016	-1.35132	0.850895	1.02874	1.02874	0.493172	0.900518	-1.11047	0.948143	0.404036	0.319151	1		
cg09448902	RET;AT	0.515443		0.263631	0.132512	-7.55612	0.61999	0.402754	1.14481	0.14481	0.146789	1.37801	1.37801	0.616936	1.15422	1.15422	0.443142	0.723743	-1.38171			7	7	7	0.796263	1.11292	1.11292	0.377494	0.808321	-1.23707	0.813747	0.915366	1.09211	1.09211	0.948142	1.76281	1.65265	1		
cg16949923	TIMMBA;TIMMBA;TIMMBA	0.51545		0.097566	0.152158	-6.57234	0.862635	0.0228	0.0228	0.995741	1.00554	1.00554	0.56112	1.83794	1.83794	0.447551	0.448547	2.22942			0.119432	0.737755	-1.75523	0.493246	2.05583	2.05583	0.716244	0.685173	-1.45949	0.843066	2.22789	1.22789	0.948129	1.16385	15.102	1		
cg00379619	UNC13A	0.515472		0.803467	1.24461	1.24461	0.81667	0.8637	1.15781	0.581825	1.18815	1.18815	0.844653	1.04354	1.04354	0.954196	1.05495	1.05495			0.929657	1.0554	1.0554	0.845498	1.19255	1.19255	0.226883	0.440853	0.90758	1.1922	1.1922	0.565574	0.973667	-1.02673	0.948091	0.658414	0.54862	1		
cg23852354	FAM113B	0.515475		0.987575	1.00389	1.00389	0.596043	1.14285	1.14285	0.712734	1.09669	1.09669	0.212475	1.38784	1.38784	0.530214	1.17198	1.17198			0.493976	1.21754	1.21754	0.0366608	1.83298	1.83298	0.908874	1.02899	1.02899	0.778969	0.932184	-1.07275	0.948087	0.935334	0.876932	1		
cg18765712	PIXS1	0.515483		0.168886	0.24121	-2.41423	0.86122	1.11095	1.11095	0.573286	1.40802	1.40802	0.640106	1.32728	1.32728	0.380778	1.69876	1.69876			0.307429	1.8875	1.8875	0.745644	0.822715	-1.21617	0.115628	2.79652	2.79652	0.119586	2.76071	2.76071	0.948072	5.4284	5.08954	1		
cg00685134	CIT	0.515494		0.073822	0.175193	-5.70883	0.140559	0.14559	0.140307	0.656753	-1.52264	0.603449	1.772746	1.724676	2.29406	0.031223	0.597798	-1.67283			0.271444	0.53647	-1.86404	0.511577	0.696193	-1.43638	0.89116	0.963461	-1.03782	0.883286	-1.12489	0.9482	4.44643	4.16537	1		
cg24304910	KDN2	0.515495		0.541981	0.856557	-1.16746	0.539817	0.855829	-1.16846	0.9125	1.02795	1.02795	0.403045	1.23941	1.23941	0.411995	1.23416	1.23416			0.451267	0.824885	-1.21229	0.0799442	0.614264	-1.62796	0.574649	0.867426	-1.15284	0.473204	1.20079	1.20079	0.948052	0.946617	0.885668	1		
cg13728650	TPRA1;TPRA1;TPRA1	0.515503		0.58948	0.70726	-1.41383	0.745797	0.752983	-1.32805	0.151184	0.84308	1.26368	0.122858	0.760752	-1.31462	0.926553	-1.07975	0.926553	-1.07975			0.856353	1.07379	1.07379	0.732586	1.07067	-1.07067	0.743888	0.8789	1.13779	0.854522	2.3128	2.3128	0.948047	2.16847	1		
cg10074109	FAM101A	0.515502		0.084634	0.268892	-3.71896	0.442674	0.583304	-1.71437	0.781298	0.852585	-1.21126	0.804035	0.901536	-1.10922	0.168692	0.362416	2.74562			0.230612	1.420602	1.420602	0.237755	0.148003	0.344343	-2.91176	0.410011	0.55977	-1.78645	0.585243	0.684193	1.46158	0.948041	0.71087	0.67657	1		
cg22819488	AZI2;AZI2;AZI2;AZI2;AZI2;AZI2	0.515511		0.999545	0.999896	-1.0001	0.912585	1.02017	1.02017	0.988651	1.00259	1.00259	0.161703	1.31226	1.31226	0.44886	1.15068	1.15068			0.10002	0.720549	-1.38783	0.347052	0.838548	-1.19254	0.751363	1.05951	1.05951	0.759896	0.945778	-1.05733	0.948027	0.496552	0.465577	1		
cg10363337	SCRIB;SCRIB	0.515519		0.582251	0.736262	-1.35797	0.524776	0.720496	-1.38796	0.329404	0.958409	-1.04344	0.375229	0.624353	-1.6017	0.978771	1.02387	-1.02387	0.570488	1.14551	1.14551	0.792533	1.14619	-1.14619	0.473185	2.82384	2.82384	0.092964	1.33474	0.251764	0.538087	-1.85844	0.948024	4.02359	3.77182	1		
cg14732998	ZNF793	0.515521		0.301351	1.34854	1.34854	0.638567	0.876247	-1.14123	0.733921	1.00037	1.00037	0.575547	0.853884	-1.17112	0.975264	1.0087	1.0087			0.191508	1.47128	1.47128	0.315827	0.748562	-1.33589	0.814771	0.936569	-1.06773	0.147003	0.647533	-1.54432	0.948009	0.170474	1.09773	1		
cg03854767	PTPN92;PTPN12;PTPN12	0.515523		0.654303	1.52842	-1.2442	0.145135	0.248471	1.97371	0.0171	0.646801	1.54801	0.201661	0.799135	1.25115	0.204435	0.942895	1.06095			0.601005	1.66412	1.66412	0.108144	1.26124	1.26124	0.938024	0.965706	-1.03551	0.465044	0.76443	1.30824	0.948005	0.58356	0.548251	1		
cg03610567	TRIM26	0.515529		0.725359	1.1186	1.1186	0.273404	1.43646	1.43646	0.20961	0.65693	-1.52223	0.521299	1.22944	1.22944	0.916303	0.967149	-1.03397			0.427719	1.29343	1.29343	0.104672	1.75687	1.75687	0.388758	1.32401	1.32401	0.996669	1.00133	1.00133	0.947996	1.51593	1.42141	1		
cg19302775	SYNJ2	0.515531		0.324353	1.30267	1.30267	0.396973	0.961496	1.04006	0.754204	1.19126	1.19126	0.482004	1.24646	1.24646	0.307835	1.38276	1.38276	0.340671	1.1753	1.1753	0.644914	1.5155	1.5155	0.076976	0.922052	1.08454	0.555204	1.20107	1.20107	0.947992	1.41522	1.32698	1		
cg14042141	IQCE;IQCE	0.515537		0.308492	0.285629	-3.50105	0.704037	0.697202	-1.4343	0.77471	0.762467	-1.31153	0.372949	0.421309	-2.37355	0.090591	0.176725	5.65852			0.509069	0.530995	-1.88326	0.107452	0.440144	0.454202	0.223524	-4.47378	0.357785	0.409133	2.44419	0.947966	0.31486	12.573	1		
cg18092314	ROR1;ROR1	0.51555		0.419062	0.748605	-1.33582	0.450129	1.30978	1.30978	0.310365	1.445	1.445	0.196033	0.619111	-1.61522	0.615017	1.19462	1.19462			0.480478	1.28596	1.28596	0.753432	0.895381	-1.11684	0.555192	0.811169	-1.23279	0.198856	1.60792	1.60792	0.94796	1.84638	1.73132	1		
cg05596517	MGMT	0.515553		0.762831	1.31097	1.31097	0.939108	0.576386	-1.73519	0.527115	0.816372	-1.22504	0.127702	1.56599	1.56599	0.344172	0.737203	-1.35635			0.903424	1.03879	1.03879	0.446023	1.2822	1.2822	0.708775	0.577131	-1.73271	0.594756	1.46001	1.46001	0.947956	1.46001	1.37748	1		
cg03297737	GDPD3;LOC100271831	0.515557		0.475615	1.38307	1.38307	0.378163	1.49815	1.49815	0.229104	1.75808	1.75808	0.477775	1.3808	1.3808	0.950385	0.972838	1.02792			0.894923	1.06085	1.06085	0.156293	1.99257	1.99257	0.098737	2.24641	2.24641	0.546309	0.761132	-1.31383	0.947948	0.300055	2.81361	1		
cg24685553	KLHL29	0.515557		7	0.472378	0.515327	-1.94093	0.379663	0.441462	-2.2653	0.70822	1.41048	0.418666	0.119092	-8.49686	0.248434	0.524778	-1.90557	0.645821	0.657143	-1.52173	0.942654	0.958757	-1.04322	0.558321	0.583319	-1.71433	0.940964	10.858	13.1425	1		
cg14113798	FDXN3	0.515562		0.676122	0.704719	-1.41901	0.172945	0.148148	0.148148	0.135403	0.576488	-1.73464	0.509156	1.76484	1.76484	0.843391	1.17911	1.17911			0.810027	0.818239	-1.22214	0.211711	1.7143	1.7143	0.730433	1.74689	-1.33389	0.955052	1.04807	1.04807	0.947939	10.4164	9.76752	1		
cg10833576	UTP15;ANKRA2	0.515571		0.988625	1.04011	1.04011	0.867888	1.12353	1.12353	0.79324	1.5076	1.5076	0.20667	1.4617	1.4617	0.580959	1.17405	1.17405			0.177971	1.50977	1.50977	0.847951	0.946254	-1.0568	0.752	1.09553	1.09553	0.87736	1.04545	1.04545	0.947925	1.24355	1.1661	1		
cg00201045	SIX5	0.515574		0.72191	1.39146	1.39146	0.744357	1.14144	1.14144	0.160744	1.47736	1.47736	0.327472	0.991781	1.00903	0.961	1.12121	0.647305	1.54487	0.65251	1.12419	1.12419	0.58559	0.886007	-1.16397	0.991757	0.997313	-1.00269	0.257616	1.3601	0.94792	0.851261	0.950182	1		
cg03659961	DNAH17	0.515574		0.470637	0.830159	-1.20459	0.915559	1.02726	1.02726	0.226083	0.724416	-1.38042	0.785168	1.07176	1.07176	0.969015	0.990197	-1.0099			0.654584	1.12099	1.12099	0.0811972	1.63282	1.63282	0.361235	0.788172	-1.26876	0.698178	1.10388	1.10388	0.947919	0.965708	0.90557	1		
cg16321144	EBPL	0.515582		0.758228	0.746366	-1.33983	0.745797	0.752983	-1.32805	0.151184	0.87385	1.14395	0.802701	0.803843	-1.24422	0.604276	1.50945	1.50945			0.545157	1.70588	1.70588	0.285004	2.55234	2.55234	0.209037	0.315871	-3.16585	0.947918	11.4206	10.7094	1		
cg13476664	CD4;CD34	0.515586		0.311952	0.735576	-1.35948	0.82823	0.938197	-1.06587	0.73716	1.10395	1.10395	0.999046	0.999649	-1.00035	0.815217	0.07115	1.07115			0.971443	1.01057	1.01057	0.037254	2.03371	0.573786	1.48159	1.18159	0.922294	0.971761	0.920906	0.947912	1.29405	1.21347	1		
cg16573411	EXT1	0.515588		0.311204	1.28286	1.28286	0.875098	1.0381	1.0381	0.235078	1.34429	1.34429	0.418309	0.821502	-1.21728	0.686294	0.907982	-1.10134			0.631919	1.12158	1.12158	0.109825	1.51345	1.51345	0.467786	0.841988	-1.18766	0.666305	0.901099	-1.10865	0.947901	0.848511	0.795687	1		
cg16000702	PMS2L5;PMS2L5;PMS2L5	0.515591		0.73261	1.36861	1.36861	0.6654	0.50553	-1.97837	0.519363	0.905311	-1.10459	0.163089	0.759577	-1.31652	0.391992	0.804147	-1.24353			0.752226	1.60025	1.60025	0.140086	1.34075	1.34075	0.520988	0.886749	-1.12771	0.819967	0.825013	1.21107	0.947892	1.41522	1.32698	1		
cg13935315	ZNF443	0.515601		0.464304	0.287438	-3.47901	0.352489	0.201581	-4.96079	0.52426	2.9454	2.9454	0.52465	2.94233	2.94233	0.29293	3.40176	0.29293			0.581795	3.1941	3.1941	0.25743	3.57372	3.57372	0.29293	4.62366	4.62366	0.378449	4.53914	4.53914	0.120457	0.596425	-1.67666	0.947874	42.0652	39.4476	1		
cg18417798	DYM	0.515608		0.270245	0.370246	-2.69897	0.241154	0.307758	-3.24877	0.278997	0.910393	-1.09843	0.127412	0.784702	-1.27412	0.424358	2.3565	0.084975	11.74718	0.424358	2.3565	0.084975	11.74718	0.424358	2.3565	0.084975	11.74718	0.424358	2.3565	0.084975	11.74718	-4.60948	0.832549	1.22011	1.22011	0.946203	0.493606	-2.02554	0.947864	0.48268	0.47545	1		
cg26225561	NXN	0.515619		0.560991	0.84743	-1.18004	0.774242	1.08436	1.08436	0.42647	1.25693	1.25693	0.342907	1.31676	1.31676	0.187477	1.48201	1.48201			0.89786	1.03683	1.03683	0.144011	1.55586	1.55586	0.457883	0.80825	-1.23724	0.42295	0.79412	-1.25926	0.947843	1.19054	1.11649	1		
cg25175864	CACNA1F MIER1;MIER1;MIER1;MIER1;MIER1;MIER1;W DR78;MIER1;MIER1;MIER1;MIER1;MIER1;MIE	0.515634		0.531552	1.40245	1.40245	0.0890617	0.367577	-2.72052	0.435043	0.653732	-1.52968	0.382653	1.61255	1.61255	0.389551	0.624611	-1.601			0.321807	0.579115	-1.72677	0.781899	0.862333	-1.15965	0.686112	1.24214	1.24214	0.701973	1.22777	1.22777	0.947819	0.47575	0.40991	1		
cg23744433	R1;MIER1;MIER1;WDR78;MIE	0.515635		0.323685	0.890403	-1.12309	0.943825	0.992007	-1.00806	0.21204	1.16149	1.16149	0.798199	0.968353	-1.03268	0.636137	1.05577	1.05577			0.480095	0.921503	-1.08518	0.808752	0.972763	-1.028	0.944758	0.915329	-1.0925	0.113556	1.21663	1.21663	0.947816

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(53T vs. N)	Fold-Change(53T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	p-value(63T vs. N)	Fold-Change(63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05427161	TBC1D25	0.536111	0.19828	2.090718	0.34428	1.777662	0.280273	-3.56795	0.587177	0.614614	-1.62704	0.655632	0.148966	1.489566	0.425505	2.05273	-2.05273														
cg15441831	CLDN4	0.536119	0.04782928	0.08106223	-12.3362	0.38438	0.37143	-2.6923	0.379373	0.367363	-2.7221	0.621269	1.73848	1.73848	0.96421	0.750449	1.33254	0.950122	1.07194	1.07194	?	?	0.864606	0.827361	-1.20866	0.814043	1.29907	1.29907	0.935997	16.2486	17.3597	1
cg19273773	NAPEPLD;NAPEPLD	0.53614	0.4294361	1.70804	1.70804	0.8275361	0.8655491	-1.15534	0.535035	0.659384	-1.51657	0.436826	1.69285	1.69285	0.148693	0.354885	-2.81781	?	?	?	0.338838	1.92576	1.92576	0.411165	0.572405	-1.74701	0.540733	1.50755	1.50755	0.945443	5.7037	5.22873	1
cg22934237	ARHGEF10	0.53651	0.7508267	-1.33186	0.73606	0.921572	-1.0851	0.161927	0.69973	-1.41341	0.615175	0.896062	-1.11599	0.627745	0.887872	-1.12521	-1.12521	1.40799	1.40799	0.566391	1.15018	1.15018	0.800884	0.940814	-1.06291	0.946945	0.874089	0.8205	0.8205	1
cg04334011	ZNF219;ZNF219;ZNF211	0.53616	0.647815	0.760309	-1.31526	0.403385	0.6008807	-1.66443	0.265548	1.99631	1.996631	0.237522	2.12717	2.12717	0.162986	0.411774	-2.42852	0.814139	0.869083	-1.15064	0.55201	0.698721	-1.43119	0.903936	1.07459	1.07459	0.424119	1.62643	1.62643	0.946919	5.3241	4.99782	1
cg24868202	DNAJC28;DNAJC28	0.53617	0.7041013	1.19643	1.19643	0.3494771	0.5940521	-1.68335	0.9965275	0.372835	-2.68215	0.28102	1.83284	1.83284	0.498842	0.680878	-1.44953	0.675199	1.25593	1.25593	0.78074	0.859946	-1.16286	0.354692	1.67338	1.67338	0.948295	0.965541	-1.03569	0.946899	4.3848	4.11617	1
cg19699648	GAUNT11	0.536181	0.8115841	1.09656	1.09656	0.0946333	2.03212	2.03212	0.16882	1.76102	1.76102	0.328517	1.47589	1.47589	0.317989	0.671397	-1.48943	0.960159	1.01947	1.01947	0.900251	0.952752	-1.04959	0.475952	1.32283	1.32283	0.918791	1.04015	1.04015	0.946896	2.23418	2.09731	1
cg11935775	C7orf44	0.53619	0.687358	0.924977	1.07104	0.291261	1.245888	1.245888	0.313213	1.3071	1.3071	0.388259	0.850357	-1.17913	0.885371	0.92981	1.02581	0.566115	1.11227	1.11227	0.885593	0.815884	1.22566	0.475278	1.14246	1.14246	0.936906	1.19917	1.19917	0.94688	0.504676	0.473767	1
cg10377414	TBCD	0.536191	0.6080668	1.14955	1.14955	0.672377	0.8917715	1.12143	0.198235	0.693239	-1.4425	0.908118	0.995365	1.00064	0.072532	0.582804	-1.71584	0.263187	0.729205	-1.37136	0.578751	1.16313	1.16313	0.540217	0.846138	-1.18196	0.701361	1.00361	0.946917	1.08873	1.02205	1
cg13672300	ZNF528	0.536192	0.29516	1.34022	1.34022	0.838029	0.946288	-1.05676	0.503716	0.832746	-1.20085	0.902791	1.03351	1.03351	0.0891709	0.60314	-1.65799	0.979685	1.00689	1.00689	0.575302	0.858403	-1.16495	0.493596	0.829007	-1.20626	0.164119	0.670018	-1.4925	0.946878	1.09106	1.02424	1
cg22988655	HLA-H	0.536204	0.3308874	1.27883	1.27883	0.781922	0.9845052	-1.01389	0.837965	0.922494	-1.08402	0.996966	1.07555	1.07555	?	?	?	?	?	?	0.488581	1.4053	1.4053	0.590794	1.29247	1.29247	0.583796	0.766167	0.921883	2.62206	3.25057	1
cg05832562	ARMC3;ARMC3;ARMC3	0.536197	0.5497788	0.527108	-1.89714	0.146324	0.192047	0.20705	0.591551	0.563733	-1.77389	0.392406	2.52728	2.52728	?	?	?	0.458074	0.450277	-2.22086	0.427704	2.35574	2.35574	0.709089	1.4867	1.4867	0.307995	0.35437	0.935863	14.7522	15.7632	1
cg07304961	TRIM27	0.536203	0.4149484	0.8803203	-1.23578	0.409903	1.218408	1.218408	0.353422	1.27496	1.27496	0.272505	1.33642	1.33642	0.976919	1.00737	1.00737	0.895304	1.10598	1.10598	0.812869	1.0621	1.0621	0.911551	1.02874	1.02874	0.088011	0.621135	1.60896	0.946486	0.965956	0.909816	1
cg11867420	STAG3L4;PMS2L4	0.536205	0.9961445	0.9993304	-1.0007	0.117723	1.27748	1.27748	0.122205	1.20854	1.20854	0.937411	0.988744	-1.01138	0.537328	1.09421	1.09421	0.592804	0.92514	-1.08092	0.397988	0.882724	-1.13286	0.482039	0.902128	-1.10849	0.339353	1.15252	1.15252	0.946856	0.311584	0.292508	1
cg03589372	BCKDK;BCKDK	0.536218	0.321429	0.643031	-1.55514	0.758532	1.142515	1.14215	0.121577	0.256158	2.06158	0.827474	0.910206	-1.09865	0.181661	0.54272	-1.84257	0.79499	0.893826	-1.11879	0.98253	1.00948	1.00948	0.788175	0.790325	-1.2653	0.295153	0.626262	-1.59678	0.836434	2.78633	2.61581	1
cg26143064	INO80D	0.536221	0.7234405	0.9295559	-1.07596	0.004001	0.7515948	0.8494075	0.815399	1.05193	1.05193	0.653282	0.900572	-1.10284	0.682318	1.09318	1.09318	0.838881	1.04506	1.04506	0.464368	1.17406	1.17406	0.925667	1.02041	1.02041	0.467985	1.17335	1.17335	0.946828	0.70275	0.659747	1
cg14158573	DSTN;DSTN	0.536227	0.1110572	1.23664	1.23664	0.778241	0.9660047	-1.03515	0.963118	0.994358	-1.00567	0.313095	0.880156	-1.13616	0.923641	0.988339	-1.0118	0.672942	1.05332	1.05332	0.164233	0.833945	-1.11912	0.604535	1.06601	1.06601	0.552306	1.07633	1.07633	0.946819	0.224471	0.210737	1
cg04978162	AKT1;AKT1;AKT1	0.536233	0.574043	1.47653	0.4383253	3.72595	0.8729585	1.17255	0.8758388	1.11325	1.11325	0.467005	1.66091	1.66091	0.273869	0.459443	-2.17655	0.254025	2.26429	2.26429	0.855491	0.878559	-1.13823	0.815617	1.0904	1.0904	0.69712	1.30783	1.30783	0.946808	7.05951	6.62766	1
cg05622647	SEMA6C	0.536235	0.823035	1.03166	1.03166	0.484075	1.104505	1.104505	0.6483135	1.05004	1.05004	0.346011	0.871897	-1.1443	0.308497	1.15799	1.15799	0.676364	0.943251	-1.06016	0.471071	1.10742	1.10742	0.471079	1.10742	1.10742	0.06139831	1.13606	1.13606	0.946805	0.290426	0.272661	1
cg01906081	TTL12	0.536237	0.337076	0.644249	-1.55219	0.6692789	0.4054194	-2.46658	0.567306	1.29286	1.29286	0.988329	1.00652	1.00652	0.455236	0.713288	-1.40196	0.150794	0.504572	-1.98188	0.811728	0.8994419	-1.11183	0.891326	0.94108	-1.06261	0.415137	0.690716	-1.44777	0.946801	2.95927	2.77826	1
cg27400216	LOC390858	0.536244	0.1855003	0.3195421	-3.12907	0.079375	0.2145525	0.20125	0.5971241	0.54242	1.54242	0.774023	0.795477	-1.25646	0.0909441	0.625935	-1.59731	0.313919	0.428975	-2.33114	0.397449	0.494549	-2.02098	0.196567	0.82369	-1.03115	0.733408	0.757431	-1.32025	0.94679	0.90263	0.29703	1
cg16805068	MAPRE1	0.536247	0.569247	0.8895044	-1.12422	0.143237	0.725996	-1.37742	0.669992	1.0912	1.0912	0.745417	1.06856	1.06856	0.918506	0.952126	0.691241	-1.44667	0.781025	0.85836	0.324484	0.812925	-1.23013	0.627684	1.1046	1.1046	0.539853	0.880193	-1.13611	0.946786	0.621298	0.583305	1
cg12388545	SCRT1	0.536252	0.16768	0.2988144	-3.52622	0.191688	0.5752202	0.71852	0.3556859	0.402463	2.48368	0.319941	0.2509619	-3.98407	0.314996	0.585588	-1.70683	0.314257	0.431967	-2.31499	0.585588	0.706833	-1.41476	0.397679	0.794516	0.259449	0.794761	0.558333	0.954121	-1.04799	0.946761	0.525837	0.421953	1
cg17079352	NDUFB3;FAM126B	0.536269	0.135254	0.4271	-2.34137	0.975794	1.01616	1.01616	0.97453	1.01701	1.01701	0.291511	0.560839	-1.78304	0.943283	1.06303	1.03831	0.456228	0.669684	-1.49324	0.892193	1.07428	1.07428	0.141674	2.30469	2.30469	0.538916	1.38918	1.38918	0.946748	4.18623	3.9304	1
cg19204483	TBL2	0.536272	0.459572	0.6871158	-1.45527	0.208362	0.516399	-1.93649	0.425541	0.666681	-1.49997	0.547072	0.73814	-1.35476	0.055995	0.340068	-2.94059	0.291915	0.57992	-1.72438	0.222105	0.527625	-1.89528	0.981532	0.988533	-1.0116	0.398615	0.65012	-1.53818	0.946744	3.72257	3.49509	1
cg01454936	FAT3	0.536283	0.8023362	1.0966	1.0966	0.1225224	1.515269	1.81169	0.1717114	1.79662	1.79662	0.521351	0.8597307	-1.15353	0.727314	0.966202	-1.03497	0.437964	0.753382	-1.32739	0.4997432	0.5995	1.6163	1.6163	0.437305	1.43435	0.252384	1.32908	1.32908	1.80686	1.77535	1.77535	0.8278	1
cg14910406	DNAJB2;DNAJB2	0.536291	0.650879	1.28093	1.28093	0.308448	1.777	1.777	0.185033	2.14668	2.14668	0.182232	2.1585	2.1585	0.286425	1.82507	1.82507	0.152352	2.30048	2.30048	0.213487	2.03793	2.03793	0.208197	2.05674	2.05674	0.285581	1.82715	1.82715	0.94671	4.42849	4.15802	1
cg04718306	GADD45A;GADD45A	0.536295	0.7007208	0.8606969	-1.15394	0.4153553	1.137781	1.32781	0.8334441	1.03244	1.03244	0.414153	1.14567	1.14567	0.380534	0.737151	-1.35641	0.273646	0.656321	-1.52364	0.822387	1.18644	1.18644	0.607393	0.940708	-2.08026	0.478688	1.30503	1.30503	0.946703	2.04676	1.92354	1
cg01042252	FLJ30058	0.536296	0.2169666	0.94956	1.99456	0.768386	1.16994	1.16994	0.34482	1.67723	1.67723	0.862511	0.901792	-1.10956	0.326043	0.58337	-1.71418	0.136914	0.34329	2.34329	0.233808	1.94138	1.94138	0.76737	0.854138	-1.17077	0.899297	1.93495	1.93495	0.946706	0.946702	2.25328	3.97664	1
cg14539442	KDELC2	0.536308	0.767611	0.9504332	-1.05215	0.979605	0.995624	-1.0044	0.420971	1.15148	1.15148	0.28782	1.20844	1.20844	0.35732	0.850092	-1.17634	0.701966	0.936165	-1.06819	0.085423	0.721652	-1.38571	0.622997	0.918504	-1.08873	0.515139	1.11989	1.11989	0.946682	0.441306	0.414365	1
cg16919708	OPCML	0.536311	0.9356891	0.9838344	-1.06494	0.924015	1.22125	1.22125	0.5971401	1.14242	1.14242	0.497231	0.904447	-1.10539	0.0935447	0.727608	-1.37465	0.609804	1.14815	1.14815	0.166287	0.729213	1.37137	-1.37137	0.956367	1.04578	0.945318	0.955336	1.04578	0.945318	0.955336	0.946705	0.29562	0.68905	1
cg16313278	TTLL9;DUSP15;DUSP15;DUSP15	0.536318	?	?	?	0.300567	0.468946	-2.13244	0.46133	0.548948	-1.69794	0.0623644	0.227431	-4.39694	0.925927	0.936463	1.06785	0.871816	1.12075	1.12075	0.692431	1.32401	1.32401	0.73831	0.528288	-1.89291	0.710317	1.30132	1.30132	0.946956	6.56441	7.01584	1
cg18905183	PSMB9;PSMB9;TAP1	0.536325	0.1756027	1.12332	1.12332	0.3916688	0.5752202	1.18562	0.2956569	1.06402	1.06402	0.166457	1.02502	1.02502	0.121211	0.552504	-1.80961	0.0885161	0.657996	1.52021	0.0438603	0.4529	-2.20751	0.0194643	0.731464	-1.36746	0.0453372	0.919862	-1.08706	0.946655	0.0979702	0.0979702	1
cg08875605	ETV5	0.536319	0.912925	1.09786	1.09786	0.895059	1.11923	1.11923	0.507365	1.77545	1.77545	0.164513	3.54566	3.54566	0.909856	0.907859	1.10149	0.446497	1.93919	1.93919	0.066909	5.77234	5.77234	0.268984	2.67134	2.67134	0.246458	2.81355	2.81355	0.946664	10.9217	10.2552	1
cg00564831	CDC7;CDC7;CDC7	0.536325	0.225931	1.52449	1.52449	0.497947	0.796001	-1.25628	0.265213	1.46966	1.46966	0.601311	1.19103	1.19103	0.536696	0.812652	-1.23054	0.444248	1.29516	1.29516	0.369716	0.736776	-1.35726	0.777348	1.60789	1.60789	0.62703	1.1763	1.1763	0.946653	1.64861	1.54802	1
cg08104527	C18orf51;C18orf1	0.536334	0.55425	1.1256	1.1256	0.2916888	0.5752202	0.876705	-1.14064	0.45661	1.8837	1.8837	0.407974	2.45121	2.45121	0.0897357	-1.11414	0.574624	1.03522	1.03522	0.717044	1.08097	1.08097	0.839467	1.19123	1.19123	0.746841	0.962243	-1.03494	0.959416	1.10507	1.10507	0.946639	0.168532	0.158425	1
cg11596580	PRMT8;PRMT8	0.536349	0.381382	1.19809	1.19809	0.321196	1.22914	1.22914	0.965013	1.00887	1.00887	0.369315	1.20394	1.20394	0.99058	0.997626	-1.00238	0.248753	0.784515	-1.27467	0.17281	0.746739	-1.33916	0.446873	1.1689	1.1689	0.488351	1.15224	1.15224	0.946614	0.607505	0.570459	1
cg06780545	CAMTA1	0.536354	0.4258362	0.6362	1.57178	0.2980748	0.5752202	0.8904048	-1.12303	0.693315	0.693315	0.73898	1.35322	0.809375	0.73898	1.35322	0.809375	0.259257	1.3039	1.3039	0.313854	1.24177	1.24177	1.24177	0.259257	1.3039	0.313854	1.24177	1.24177	0.946654	1.26233	1.26233	0.946606	0.786457	0.738505	1
cg18118147	SYT3;SYT3;SYT3	0.536354	0.8485331	0.9667668	-1.03437	0.641281	0.9204409	-1.08647	0.111653	0.736208	-1.35831	0.163681	0.768053	-1.30407	0.174164	0.779474	-1.25827	0.422489	0.865179	-1.15583	0.267271	0.815235	-1.22664	0.548555	1.11327	1.11327	0.143671	0.86268	-1.15918	0.946605	0.468391	0.439832	1
cg21719817	JAKI2	0.536354	0.6583491	0.8672662	-1.15305	0.935619	0.974478	-1.02619	0.226941	0.666337	-1.50074	0.87697	0.951631	-1.05083	0.318128	0.729062	-1.37163	0.617163	1.17502	1.17502	0.0728892	1.89694	1.89694	0.922332	1.0317	1.0317	0.696724	0.882195	-1.13354	0.946604	1.53537	1.44176	1
cg22697386	SCRIB;SCRIB;SCRIB	0.536355	0.1982622	0.3966	0.3966	0.4733553	1.137781	1.32781	0.1832441	1.03244	1.03244	0.414153	1.14567	1.14567	0.380534	0.737151	-1.35641	0.273646	0.656321	-1.52364	0.822387	1.18644	1.18644	0.607393	0.940708	-2.08026	0.478688	1.30503	1.30503	0.946703	2.04676	1.92354	1
cg00367515	SDR16C5	0.536368	0.723236	1.11187	1.11187	0.575765	0.18365	0.18365	0.0916363	0.574692	-1.74006	0.794001	0.924925	-1.08117	0.0961323	0.579881	-1.72449	0.873743	0.953681	-1.04857	0.602755	1.1692	1.1692	0.817847	0.935511	-1.07122	0.977928	1.00828	1.00828	0.946581	1.33339	1.25212	1
cg05108069	NF1;EVI2B;NF1	0.536369	0.6012631	0.8997	0.8997	0.3511258	0.5752202	1.18562	0.2956569	1.06402	1.06402	0.166457	1.02502	1.02502	0.121211	0.552504	-1.80961	0.0885161	0.657996	1.52021	0.0438603	0.4529	-2.20751	0.0194643	0.731464	-1.36746	0.0453372	0.919862	-1.08706	0.946655	0.0979702	0.0979702	1
cg05533869	PGCP	0.536373	0.270795	0.0470237	-21.2659	0.545205	0.11682	0.11682	0.479499	0.147092	-6.79846	0.617018	0.83565	0.83565	0.226991	29.4301	29.4301	0.333822	0.0700959	-14.2662	0.438495	0.22375	0.78546	2.06093	0.26993	0.2474	0.0397605	-25.1449	0.946573	0.0979702	0.0979702	1
cg24731678	HYI;HYI	0.536373	0.6621246	0.9509021	-1.05194	0.4153553	1.137781	1.32781	0.8334441	1.03244	1.03244	0.414153	1.14567	1.14567	0.380534	0.737151	-1.35641	0.273646	0.656321	-1.52364	0.822387	1.18644	1.18644	0.607393	0.940708	-2.08026	0.478688	1.30503	1.30503	0.946703	2.04676	1.92354	1
cg07153191	MYO1D	0.536378	0.2225849	0.57581	-1.73887	0.206974	0.5630312	-1.97616	0.1575973	1.24111	1.24111	0.583532	1.26848	1.26848	0.17525	0.520534	-1.92107	0.820995	1.02077	1.02077	0.345447	1.52108	1.52108	0.606893	1.25109	1.25109	0.586796	1.00717	1.00717	0.94657	2.79316	2.62295	1
cg09764984	DNASE1	0.536375	0.585077	0.654431	-1.52805	0.098591	0.02658	0.02658	0.467625	1.76538	1.76538	0.829016	1.38095	1.38095	0.206835	0.359228	-2.78375	0.909096	1.09181	1.09181	0.317064	0.45141	-2.21528	0.798169	0.821141	-1.21782	0.723055	0.759821	-1.3161	0.94657	8.86582	8.32557	1
cg08851185	TSPAN15	0.536376	0.260703	0.5666667	-1.76476	0.0643146	0.1683564	0.18562	0.0734205	0.143852	2.16852	0.0734205	0.143852	2.16852	0.0734205	0.143852	2.16852	0.0760854	0.81327	1.23006	0.0734205	0.143852	2.16852	0.0734205	0.143852	2.16852	0.0734205	0.143852	2.16852	0.946658	0.31648	0.16624	0.946658	0.31648	0.16624	1
cg25603927	PGAM1 MIER1;MIER1;MIER1;MIER1;MI	0.536379	0.173224	0.507065	-1.97213	0.978651	1.987539	-1.01262	0.674073	1.21923	1.21923	0.291352	0.598645	-1.67044	0.702241	0.540273	-1.85091	0.694428	1.20324	1.20324	0.32781	0.622918	-1.60535	0.271745	1.70939	1.70939	0.754655	0.863375	-1.15824	0.946564	3.2921	3.09151	1
cg22855438	ER1;MIER1;MIER1;MIER1;MIER1	0.536391	0.649817	0.775316	-1.2898	0.0964677	2.80091	2.80091	0.783193	1.16587	1.16587	0.839368	0.893233	-1.11953	0.453015	0.652862	-1.53172	0.466624	0.661578	-1.51154	0.671668	1.26787	1.26787	0.242328	0.503905	-1.9845	0.417234	0.62962	-1.58826	0.956042	4.58545	3.73044	1
cg20510207	EPHA10;EPHA10;EPHA10;EPHA10	0.536408	0.940413	0.967907	-1.03316	0.195526	0.81724	1.81724	0.20285	1.80455	1.80455	0.811459	1.19103	1.19103	0.536696	0.812652	-1.23054	0.444248	1.29516	1.29516	0.369716	0.736776	-1.35726	0.777348	1.60789	1.60789	0.62703	1.1763	1.1763	0.946653	1.64861	1.54802	1
cg20422505	NELL2;NELL2;NELL2;NELL2;NELL2	0.53642	0.273914	0.801975	1.24785	0.3722772	0.8767054	1.14064	0.4649411	0.68097	1.46813	0.822857	1.21528	1.21528	0.0738723	0.612384	-1.63295	0.574624	1.03522	1.03522	0.717044	1.08097	1.08097	0.839467	1.19123	1.19123	0.746841	0.962243	-1.03494	0.959416	1.10507	1.10507	0.946639	0.168532	0.158425	1
cg14185656	ROR2	0.536421	0.2059887	0.7126414	-1.40328	0.50795	1.18599	1.18599	0.219583	0.720462	-1.388	0.864046	1.04449	1.04449	0.856382	0.955032	-1.04709	0.515486	0.845799	-1.18231	0.143235	1.49112	1.49112	0.491695	0.837468	-1.19408	0.952273	1.01532	1.01532	0.946492	0.9669	0.908055	1
cg00709161	TCEAL5	0.536428	0.610985	1.26658	1.26658	0.714203	0.844138	-1.18464	0.888992	1.09645	1.09645	0.203829	0.539117	-1.85499	0.113784	0.479207	-2.08983	0.258024	1.72239	1.72239	0.327534	1.59297	1.59297	0.196457	1.04957	1.04957	0.946152	1.03161	1.03161	0.94648	3.18116	2.9876	1
cg22382112	PSG7	0.536435	0.147043	0.559015	-1.78886	0.932504	0.970069	-1.03085	0.174249	0.582655	-1.71628	0.597142	0.819275	-1.22059	0.880974	0.945542	1.0576	0.474173	0.761832	-1.31263	0.34207	1.44174	1.44174	0.17966	0.587064	-1.70339	0.40669	0.728166	-1.37331	0.946468	0.09371	0.196634	1
cg05094264	EEF2K	0.536445	0.6700055	0.899267	-1.11202	0.816941	1.05912	1.05912	0.577618	1.14954	1.14954	0.145394	0.678883	-1.47301	0.219437	0.726212	-1.37701	0.349676	1.04813	1.04813	0.912415	0.7310506	-1.40745	0.49771	0.843207	-1.18595	0.185272	0.706095	-1.41624	0.946451	0.919805	0.863948	1
cg04946122	LRRC3B;LRRC3B	0.536446	0.705301	1.41836	1.41836	0.473736	0.5633	1.24721	0.2176525	1.22625	1.22625	0.147693	1.51403	1.51403	0.0214434	0.657502	-1.52045	0.240404	1.86319	1.86319	0.0196452	1.83774	1.83774	1.83774	0.0196452	1.83774	0.0196452	1.83774	1.83774	0.946652	1.03242	1.03242	0.122012	3.79014	3.88886	2.28764	1
cg09061216	MIB2;MIB2;MIB2;MIB2;MIB2	0.536462	0.865875	1.05677	1.05677	0.877351	0.950808	-1.05174	0.877439	1.0517	1.0517	0.462441	1.27675	1.27675	0.114542	0.570866	-1.75173	0.882809	1.84838	1.84838	0.768111	1.10139	1.10139	0.112444	1.11344	1.11344	0.882522	0.95285	-1.04948	0.946423	1.5991	1.50189	1
cg25985600	DDX52;FAM196A	0.536464	0.929151	0.950414	-1.05217	0.290971	0.53435	-1.87143	0.890299	0.924111	-1.08212	0.115573	2.65997	2.65997	0.331994	1.77247	1.77247	0.78085	1.17293	1.17293	0.954374	1.03326	1.03326	0.200157	2.16833	2.16833	0.316223	1.80867	1.80867	0.946419	4.90243	4.60443	1
cg07262796	NT5(I);INT5(I);HMBOX1;INT5(I);HMBOX1	0.53647	0.7113315	0.906738	-1.10285	0.416452	1.24449	1.24449	0.504439	0.836612	-1.1953	0.183063	0.689311	-1.45072	0.294003	0.750766	-1.33197	0.3159	0.761023	-1.31402	0.0827665	0.609365	-1.64105	0.600551	0.870105	-1.14929	0.520456	0.842349	-1.18716	0.946409	1.03964	0.976456	1
cg21983494	CLCN5;CLCN5	0.536469	0.07884005	0.6234967	-1.60455	0.752207	0.96351	-1.03133	0.3746756	0.854685	-1.16105	0.412289	0.4005	-2.49751	0.0425688	0.623607	-1.60367	0.2201345	0.788148	1.26825	0.0267	0.4005	-2.49751	0.0425688	0.623607	-1.60367	0.2201345	1.26825	0.0267	0.946402	0.597011	2.72545	2.72545	0.937786	40.122	43.1055	1
cg14642832	RBMX;RBMX;RBMX;RBMX	0.536475	?	?	?	0.752064	0.596292	-1.67703	0.93624	0.87764	-1.13942	0.166186	11.1179	11.1179	0.294182	5.89989	5.89989	0.201206	0.110581	-9.04312	0.705347	0.53811	-1.85836	?	?	?	0.883391	0.787083	-1.27051	0.921385	30.2047	37.465	1
cg14667871	FBXL7	0.536479	0.155239	0.54234	-1.84234	0.0854294	0.1683564	0.18562	0.0734205	0.143852	2.16852	0.0734205

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg12771961	LRRC14B		0.536949	0.283787	0.494112	-2.02381	0.184331	1.13532	1.13532	0.136084	2.76448	2.76448	0.812355	0.860227	-1.16248	0.130717	0.355859	-2.8101	0.7225109	0.797245	-1.25432	0.8215341	0.866584	-1.15396	0.3807458	0.858814	-1.78167	0.791171	0.845343	0.182095	0.945602	6.00273	5.64271	1
cg23422236	PDHA1		0.536957	0.287352	0.569951	-1.75454	0.614621	1.29481	1.29481	0.337011	0.604720	-1.65492	0.909147	1.05982	1.05982	0.200034	0.502113	-1.99158	0.1611111	0.466871	-2.14192	0.6411231	1.260986	1.26986	0.483709	1.43651	1.43651	1.588238	1.320272	1.450589	3.87867	3.64609	1
cg09724624	TSC22D3		0.536959	0.234213	0.296224	-3.37582	0.0779996	0.147989	-6.75726	0.72563	0.7091	-1.41024	0.705698	1.44795	1.44795	0.716032	1.42822	1.42822	0.1616559	0.232679	-4.29777	0.986423	0.985536	-1.01674	0.7960211	1.28755	1.28755	0.9662002	1.04221	1.04221	0.945586	14.2551	13.4004	1
cg08592146	FBXO38;FBXO38		0.536961	0.0983855	0.628264	-1.59169	0.526076	0.848119	-1.17908	0.9724	1.00891	1.00891	0.604275	0.8745311	-1.14347	0.718335	0.097753	1.09733	0.4020127	0.80258	-1.24598	0.4997781	1.19203	1.19203	0.2607011	1.35095	1.35095	0.4663861	1.20933	1.20933	0.945584	0.984711	0.925669	1
cg15120220	DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;DISC1		0.536968	0.0963054	0.6643	1.643	0.347191	1.31	1.31	0.585986	1.16582	1.16582	0.324497	0.751946	-1.32088	0.670837	1.12666	1.12666	0.594425	1.16173	1.16173	0.705338	1.11179	1.11179	0.171305	1.50128	1.50128	0.737987	0.910579	-1.0982	0.945572	1.1654	1.09554	1
cg08873805	ZSCAN18;ZSCAN18		0.536984	0.966844	1.01781	1.01781	0.55757	1.28654	1.28654	0.360584	1.49074	1.49074	0.228636	0.584653	-1.71042	0.279771	0.620442	-1.61175	0.298184	1.58108	1.58108	0.688679	1.1866	1.1866	0.442016	0.716759	-1.39517	0.288622	1.59674	1.59674	0.945543	2.70248	2.54055	1
cg13782380	GPSM1;GPSM1		0.536994	0.854031	0.911757	-1.09678	0.18933	2.02089	2.02089	0.606862	1.29739	1.29739	0.656209	0.76861	-1.25673	0.0937851	0.596785	-1.52026	0.309625	0.588069	-1.70048	0.6566117	0.798954	-1.25164	0.8501528	1.09939	1.09939	0.5904951	0.761473	-1.31324	0.945537	3.76795	3.54325	1
cg00558299	CSE1L		0.537003	0.659239	1.0662	1.0662	0.188428	1.2283	1.2283	0.615754	1.05783	1.05783	0.545411	1.09242	1.09242	0.563539	1.08256	1.08256	0.376026	0.877015	-1.14023	0.19939	0.822128	-1.21636	0.2167828	1.20654	1.20654	0.587536	1.08232	1.08232	0.945541	0.312464	0.293752	1
cg04346879	CHAF1A		0.537007	0.940614	0.987252	-1.01291	0.412611	1.15517	1.15517	0.124477	1.33166	1.33166	0.267545	1.22005	1.22005	0.536182	0.897744	-1.1139	0.186358	1.27283	1.27283	0.581156	0.908504	-1.10071	0.788064	0.954661	-1.04749	0.40973	1.15625	1.15625	0.945505	0.444057	0.417667	1
cg19005236	DLGAP2		0.537015	0.4300053	1.6479	1.6479	0.0569313	1.25134	1.25134	0.0743404	1.16451	1.16451	1.00691	1.00691	1.00691	0.877758	1.29622	1.29622	0.2784644	1.33097	0.5726543	1.42482	1.42482	1.325326	1.87677	1.87677	1.87677	1.325326	1.87677	1.87677	1.325326	1.87677	1.87677	1.325326

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg04581160	PSMC5;TFS3	0.537859	0.436876	0.709724	0.25451	0.834605	1.1616	1.0616	0.942838	0.979708	1.02071	0.71565	1.11026	1.01026	0.6003872	0.559489	1.78735	0.340699	0.795253	-1.13406	0.137706	0.633186	-1.57932	0.6972222	0.876583	-1.07433	0.880355	1.04411	1.044073	1.22203	1.1506	1
cg05634734	ST6GALNAC5	0.537859	0.633833	1.48929	1.48929	0.147252	3.63583	3.63583	0.248181	2.72367	2.72367	0.687769	0.71511	-1.39839	0.8171132	0.8251502	-1.21197	0.178392	0.30521	-3.27643	0.47677	0.548552	-1.82298	0.775575	1.26775	1.26775	0.645017	0.680429	-1.46966	0.944072	10.3004	9.69832	1
cg12335349	PSMD11	0.537862	0.392012	1.20619	1.20619	0.575236	1.12865	1.12865	0.615293	0.897344	-1.1144	0.725823	0.927498	-1.07817	0.507173	1.15471	1.15471	0.346204	0.812719	-1.23044	0.534872	1.14379	1.14379	0.511718	1.15288	1.15288	0.0669992	1.551	1.551	0.944067	0.683258	0.643324	1
cg25481252	SLC26A7	0.537869	0.377935	0.711348	-1.40578	0.558039	0.800095	-1.24935	0.839566	1.0793	1.0793	0.773927	1.11453	1.11453	0.46717	1.32121	1.32121	0.868567	0.939561	-1.06451	0.0874747	2.03451	2.03451	0.159301	1.76168	1.76168	0.938724	1.02937	1.029372	0.944055	2.115929	1.99545	1
cg04175292	SLC29A1;SLC29A1	0.537885	0.925547	0.959179	-1.04256	0.754849	0.869645	-1.14989	0.842405	0.915075	-1.09281	0.994408	0.99688	-1.00313	0.9295668	1.03997	1.03997	0.224817	0.30362	3.30362	0.82911	1.00818	0.925337	1.04268	1.04268	0.757426	1.14814	1.14814	1.044028	2.9727	2.79907	1
cg11467381	FOXP4;FOXP4;FOXP4	0.537924	0.560889	1.62533	1.62533	0.888118	0.890241	-1.12329	0.976718	1.0244	1.0244	0.622259	1.50702	1.50702	0.0463256	0.1538808	0.58725	0.318418	2.34361	2.34361	0.637	1.48082	1.48082	0.99307	0.992852	-1.0072	0.790124	0.802265	-1.24647	0.943963	10.1983	9.60334	1
cg17468100	C22orf27	0.537929	0.541456	0.718316	-1.39215	0.852922	1.10443	1.10443	0.76456	0.851492	-1.17441	0.929522	1.04849	1.04849	0.624268	0.767799	-1.30242	0.056015	0.313947	-3.18525	0.75044	0.842997	-1.18624	0.293079	1.79281	1.79281	0.296099	0.559968	-1.78582	0.943954	4.2829	4.03305	1
cg09163136	PSMG3	0.537931	0.518151	0.680547	-1.15587	0.993426	1.21176	1.21176	0.405367	0.826419	-1.20712	0.915562	0.976713	-1.02394	0.537768	1.47793	1.47793	0.275866	1.28483	1.28483	0.567859	0.874183	-1.14393	0.162161	1.98098	1.98098	0.238191	1.31414	1.31414	0.949953	0.730917	0.68828	1
cg24352285	NASP;NASP;NASP	0.537939	0.08178	0.158063	-6.3266	0.719214	1.41245	1.41245	0.655113	1.53732	1.53732	0.124995	0.2008	0.308701	-4.79154	0.786323	1.29682	1.29682	0.892811	1.13764	1.13764	0.667102	1.13764	1.13764	0.587723	0.668422	-1.49606	0.901806	0.913165	-1.09509	0.919871	1.07686	1.07686	0.943951	8.06694	7.62464	1
cg24866651	PSMB3	0.537932	0.182784	1.61472	1.61472	0.871862	0.946208	-1.06233	0.624488	0.966919	-1.03179	0.818634	0.624927	-1.60116	0.615521	1.62495	1.62495	0.827139	0.905512	-1.10439	0.760994	1.31409	1.31409	0.842793	1.04223	-1.18731	0.64926	1.17024	1.170241	0.943951	1.17196	1.61719	1
cg14020221	MO.ALBUM2;ALBUM2	0.537933	0.418762	1.36268	1.36268	0.89053	0.949729	-1.05293	0.595154	1.22247	1.22247	0.88645	0.947801	-1.05497	0.987016	0.9939923	-1.00611	0.483184	0.765739	-1.30593	0.0448936	2.36834	2.36834	0.294439	1.50273	1.50273	0.895637	1.050238	1.050238	0.943948	2.09728	1.97495	1
cg21627202	PLXNB2	0.537934	0.80614	0.886161	-1.12846	0.499943	0.71421	-1.40015	0.673775	0.812111	-1.23136	0.541702	1.35478	1.35478	0.81871	1.11946	1.11946	0.261486	0.562378	-1.77816	0.0488914	0.331267	-3.01871	0.340425	0.616983	-1.62079	0.983854	0.990102	-1.01	0.943947	3.612201	3.40133	1
cg20286990	CCDC28B	0.537939	0.236171	0.784241	-1.27512	0.524926	0.88149	-1.13404	0.688774	1.08202	1.08202	0.738243	0.784804	-1.2742	0.996088	1.00096	1.00096	0.973777	1.00646	1.00646	0.194628	1.30817	1.30817	0.180254	1.24105	1.24105	0.511033	1.13942	1.13942	0.943938	0.573088	0.539666	1
cg07836287	GPC5;GPC5;GPC3;GPC3	0.537944	0.051535	1.18475	5.412	0.060907	0.697387	-1.44392	0.984318	0.985157	-1.01509	0.690766	1.35637	1.35637	0.557532	0.636093	-1.57136	0.148887	0.307417	-3.25291	0.96478	0.966917	-1.03422	0.892795	1.1082	1.1082	0.808017	1.2038	1.2038	0.943929	8.67847	8.17244	1
cg03442254	TMEM52	0.537946	0.091915	0.493966	-2.02443	0.532726	0.786481	-1.27149	0.125773	0.532729	-1.87713	0.699968	0.863129	-1.15858	0.213028	0.60744	-1.64625	0.612234	1.21446	1.21446	0.588406	0.812466	-1.23082	0.381207	0.71077	-1.40693	0.520157	0.780516	-1.2812	0.943926	2.16009	2.03414	1
cg05093818	MAPK10;MAPK10;MAPK10	0.537946	0.572947	1.349483	-2.86137	0.285167	0.74321	-1.34721	0.395399	0.206505	-4.98492	0.917929	1.20953	1.20953	0.410811	0.827147	0.70146	-1.42556	0.973271	0.940336	-1.06379	0.331596	0.157428	-6.35212	0.446121	0.21851	-4.5727	0.640524	2.38214	2.382144	0.943926	50.9237	47.9545	1
cg03724095	C3orf31	0.537963	0.617428	1.5887	1.5887	0.622509	0.633973	-1.57796	0.990407	0.445306	-2.24565	0.310056	0.791373	1.26357	0.701047	0.70146	-1.4256	0.476057	0.514086	-1.9452	0.793686	1.27243	1.27243	0.106803	0.19819	-5.04567	0.694051	1.48523	1.48523	0.943925	12.6323	11.8958	1
cg18990050	C7orf50;C7orf50;C7orf50	0.537949	0.784599	1.18922	1.18922	0.0408563	0.224693	-4.45051	0.514406	0.658237	-1.51921	0.673248	1.3077	1.3077	0.509192	0.654727	-1.52735	0.411112	0.58766	-1.70166	0.931177	0.946831	-1.05615	0.531532	0.669745	-1.49311	0.611617	1.38249	1.38249	0.943921	5.98079	5.6321	1
cg13062301	PPM1H	0.537953	0.189257	0.728207	-1.37312	0.594457	0.76347	-1.30424	0.624627	0.950654	-1.05191	0.55449	0.803195	1.24455	0.560624	0.874461	-1.14356	0.319288	0.790824	-1.2645	0.402253	1.21887	1.21887	0.491015	0.77226	-1.29509	0.719308	1.12426	1.124262	0.943915	0.777216	0.719308	1
cg05290027	GABRQ	0.537956	0.2164	0.279688	-3.57542	0.884407	0.867202	-1.15313	0.881972	0.864518	-1.15611	0.884972	0.84758	0.948736	0.383474	0.239957	2.39957	0.202395	0.267617	-3.73668	0.846999	1.20828	1.20828	0.741976	1.38209	1.38209	0.923853	1.09816	1.09816	0.943909	0.344	13.505	1
cg08225669	MRPL28	0.537957	0.07276515	0.54247	-1.84255	0.125889	0.678119	-1.47467	0.824965	0.819355	-1.21935	0.633935	0.815197	1.22655	0.77054	0.647272	1.54391	0.454978	0.490613	-2.03986	0.161662	0.770564	1.29767	0.653297	0.603063	-1.65823	0.807097	1.05308	1.053082	0.943908	0.84945	0.8166	1
cg13065203	TIPARP	0.537959	0.233099	0.639752	-1.5631	0.832357	0.927066	-1.07867	0.173771	0.596308	-1.67699	0.974765	1.01136	1.01136	0.428564	1.33473	1.33473	0.438418	1.32626	1.32626	0.537912	1.24959	1.24959	0.29569	1.47315	1.47315	0.431638	0.750711	-1.33207	0.943904	1.908403	1.79682	1
cg23913032	YTHDC1;YTHDC1	0.537972	0.644227	1.10927	1.10927	0.296438	1.27306	1.27306	0.097546	1.49995	1.49995	0.621578	1.11735	1.11735	0.271409	1.29089	1.29089	0.320091	1.25749	1.25749	0.319554	1.29507	1.29507	0.0995151	-1.0035	0.800821	0.945184	-1.05799	0.943882	0.743456	0.70014	1
cg12130300	KCNQ1	0.537973	0.677209	1.48253	1.48253	0.175726	0.758372	1.31866	0.158232	1.58731	1.58731	0.248774	1.12145	1.12145	0.131137	1.19786	1.19786	0.556105	1.16116	1.16116	0.31909	1.35009	1.35009	0.141069	1.57252	-1.74664	0.857377	0.938589	-1.06543	0.943881	1.85553	1.74742	1
cg21330034	GUCY2D	0.537986	0.880456	1.03258	1.03258	0.371822	1.21571	1.21571	0.577813	1.12724	1.12724	0.557212	1.5869	1.5869	0.480668	0.85838	-1.16499	0.918256	0.978369	-1.02211	0.440116	0.845594	-1.1826	0.581075	0.888051	-1.12606	0.864679	1.037	1.037	0.94386	0.678341	0.638834	1
cg06452536	UTP13L	0.537991	0.776198	1.84903	1.84903	0.203848	1.31548	1.31548	1.09048	0.950167	1.44006	1.44006	0.912743	1.10386	0.816806	0.4182536	2.39145	0.754994	1.98231	1.98231	-1.01706	0.503388	0.915984	1.09424	0.848128	1.09424	0.848128	1.07846	1.078461	0.943881	0.398655	0.373447	1
cg04768745	SNX29	0.538001	0.621254	0.859575	-1.16826	0.786857	0.546754	-1.84006	0.827935	0.70703	1.07033	0.145084	0.613465	-1.63009	0.902288	0.760584	1.31478	0.6843	1.13615	1.13615	0.893252	1.04282	1.04282	0.690729	1.13301	1.13301	0.711371	1.12306	1.12306	0.943833	1.45754	1.37269	1
cg01734045	COL25A1;COL25A1	0.538015	0.572057	0.777445	-1.28626	0.958083	1.02758	1.02758	0.321702	0.636747	-1.57048	0.133195	0.489563	-2.04264	0.694583	0.840308	-1.19004	0.782157	0.88496	-1.12999	0.214328	1.77964	1.77964	0.957684	1.02367	1.02367	0.174745	0.529181	-1.88971	0.943811	2.905844	2.73674	1
cg05095571	KIAA1609	0.538026	0.769441	1.09135	1.09135	0.514986	1.1855	1.1855	0.902157	1.06308	1.06308	0.457236	1.08262	1.08262	0.950654	1.05191	1.05191	0.549	1.44626	1.44626	0.14956	1.21306	1.21306	0.524037	-1.90826	0.142645	2.29351	0.943808	1.01076	1.011337	0.425427	-2.35058	0.642414	0.794107	1.25967	1.259674	0.943806	4.41854	4.2
cg04866380	C7orf16;C7orf16	0.538024	0.481443	0.800297	-1.24954	0.703147	1.12659	1.12659	0.806853	0.926576	-1.07924	0.463565	0.792729	-1.26146	0.880342	1.04801	1.04801	0.684963	1.3154	1.3154	0.0385323	2.10899	2.10899	0.794166	1.08481	1.08481	0.647833	1.15393	1.15393	0.943795	1.44877	1.36449	1
cg22858728	MPP1;MPP1;MPP1;MPP1	0.538028	0.112443	0.656156	-1.55586	0.424896	0.703436	-1.42166	0.96866	1.03209	-1.03209	0.847497	0.70419	-1.42019	0.837168	1.0812	1.0812	0.373184	0.6044	-1.65464	0.0390988	2.56782	2.56782	0.13088	1.30893	1.30893	0.973344	2.12326	2.123262	0.943794	4.08	3.8646	1
cg16522107	PARP16	0.538041	0.639554	0.922549	-1.08395	0.632699	0.921002	-1.08577	0.920184	1.01728	1.01728	0.627488	1.08717	1.08717	0.165374	0.776559	-1.28773	0.834373	0.964848	-1.03643	0.0727166	1.40801	1.40801	0.670744	0.920521	-1.07582	0.812564	1.04148	1.04148	0.943767	0.436597	0.41121	1
cg10816700	LYAR;LYAR;ZNF509;LYAR	0.538049	0.086537	0.794189	-1.25915	0.209831	0.851415	-1.17452	0.417167	1.10619	1.10619	0.880116	0.981799	-1.01854	0.49948	0.919952	-1.08701	0.955122	0.992567	-1.00749	0.455572	1.09691	1.09691	0.973201	0.99592	-1.0041	0.402203	0.900913	-1.10998	0.943752	0.221413	0.208541	1
cg23858532	TRIM2	0.538072	0.164544	0.724355	-1.37992	0.288164	0.850891	-1.17524	0.752976	0.954823	-1.04732	0.535959	0.912182	-1.09627	0.382156	1.14024	1.14024	0.945979	0.895007	-1.11731	0.817073	1.03439	1.03439	0.185277	1.22839	1.22839	0.899987	1.01858	1.018582	0.943715	0.320476	0.301858	1
cg21550435	PCGF5	0.538088	0.726987	0.842262	-1.18728	0.89367	0.936604	-1.06769	0.190284	1.97253	1.97253	0.427957	1.48639	1.48639	0.0857984	0.394602	2.5342	0.860224	0.9173	-1.09016	0.809427	0.888405	-1.12561	0.671664	1.2322	1.2322	0.433775	0.676261	-1.47872	0.943688	3.58485	3.37669	1
cg08089031	HCG2	0.538102	0.939827	1.08466	1.08466	0.142504	1.24303	1.24303	0.880381	1.00246	1.00246	0.794956	0.939619	1.03619	0.551203	0.917068	1.09043	0.943147	0.907316	1.10218	0.532806	1.02969	1.02969	0.926395	1.08356	-1.19975	0.943681	0.978444	0.962777	0.943677	0.984	0.926277	1
cg13784889	HERC3	0.538092	0.156073	0.789199	-1.26711	0.710741	0.15984	1.05984	0.702053	1.0618	1.0618	0.49393	0.980832	1.01973	0.837363	1.0252	1.0252	0.877751	0.976272	-1.02431	0.503734	0.931079	1.075093	1.075093	0.960192	-1.04146	0.079039	1.35558	0.943681	0.363771	0.342649	1
cg22711676	ONECUT1	0.538103	0.500829	1.97133	1.97133	0.72883	1.41297	1.41297	0.474257	2.0603	2.0603	0.765025	1.3468	1.3468	0.924341	1.09894	1.09894	0.149282	4.64584	4.64584	0.26702	3.15382	3.15382	0.663096	1.54558	1.54558	0.123976	0.191146	-5.23161	0.943663	14.7456	13.8897	1
cg03520643	HCG22	0.538127	0.57617	1.39102	1.39102	0.703581	1.17181	1.17181	0.763732	1.08516	1.08516	0.763732	1.08468	1.08468	0.892617	1.03137	1.03137	0.3682	1.55117	1.55117	0.0268844	2.03911	2.03911	0.159314	1.50104	1.50104	0.89184	1.03016	1.030164	0.943661	0.278444	0.242277	1
cg04349219	BRF1;BRF1	0.538131	0.440871	0.775832	-1.28894	0.381903	0.74856	-1.3359	0.328331	1.38517	1.38517	0.69284	0.881782	-1.13407	0.381242	0.758248	-1.33645	0.862445	1.0576	1.0576	0.209515	0.652376	-1.53286	0.182287	1.57954	1.57954	0.605331	0.845065	-1.18334	0.943615	1.55858	1.46819	1
cg09008896	YPEL2	0.538133	0.841601	0.940507	-1.06357	0.466167	0.90657	-1.10307	0.400057	0.966351	-1.03481	0.784471	0.997287	1.00057	0.499606	0.889134	-1.12455	0.916954	0.999662	-1.00034	0.997414	1.02705	1.02705	0.749369	1.08819	-1.08819	0.888381	1.03553	1.035531	0.943612	0.0663	0.060197	1
cg00636912	CLDN6	0.538134	0.590639	1.58542	1.58542	0.750701	0.76299	-1.31063	0.409479	2.046	2.046	0.704554	1.38168	1.38168	0.126038	0.245408	-4.07485	0.127151	2.246582	-4.05544	0.533802	0.585392	-1.70826	0.5937	1.5793	1.5793	0.927333	0.925507	-1.08049	0.943601	10.7635	10.1394	1
cg00155457	MTSS1L;NEGL1	0.538143	0.375594	0.849053	-1.17655	0.203848	1.31548	1.31548	1.09048	0.950167	1.44006	1.44006	0.912743	1.10386	0.816806	0.4182536	2.39145	0.754994	1.98231	1.98231	-1.01706	0.503388	0.915984	1.09424	0.848128	1.09424	0.848128	1.07846	1.078461	0.943601	0.398655	0.373447	1
cg01668199	ATG12;AP3S1;ATG12	0.538149	0.819766	1.04537	1.04537	0.875403	1.03097	1.03097	0.679314	1.02306	1.02306	0.624344	0.636168	-1.56699	0.939048	0.979344	1.02636	0.944282	0.690729	-1.44837	0.0455	2.20435	2.20435	0.0855	1.72482	1.72482	0.908322	1.10082	1.10082	0.943585	0.564847	0.532105	1
cg02989257	CDL16A1	0.538149	0.672986	0.804126	-1.24359	0.966996	0.978976	-1.02148	0.323122	0.592089	-1.68893	0.794336	0.87445	-1.14358	0.670393	0.802633	-1.2459	0.110953	2.4395	2.4395	0.736248	0.840628	-1.18959	0.200279	2.00325	2.00325	0.363756	1.61497	1.61497	0.943585	3.94109	3.71264	1
cg00704315	GPR123	0.538153	0.819365	1.07935	1.07935	0.576396	1.14185	1.14185	0.964556	0.948073	-1.05477	0.662868	0.753363	-1.32736	0.676668	0.753363	-1.32736	0.471634	1.14962	1.14962	0.370127	0.537124	-1.86177	0.19126	1.55579	1.55579	0.515857	0.583065	-1.71496	0.943576	1.54567	1.50179	1
cg25980676	PRRSL;PRRSL;PRRSL	0.538159	0.819327	0.846576	-1.18123	0.364778	0.507653	-1.96985	0.490987	0.600925	-1.6641	0.950685	0.955972	-1.04606	0.998201	0.267043	-3.74471	0.305325	0.461749	-2.16568	0.542793	0.638603	-1.56592	0.207507	2.63161	2.63161	0.839081	1.15954	1.15954	0.943569	0.971999	0.746103	1
cg03969126	GORAB;GORAB;GORAB	0.538159	0.850904	1.02923	1.02923	0.175727	1.21283	1.21283	0.310158	1.15115	1.15115	0.78129	1.03801	1.03801	0.515925	1.0923	1.0923	0.74186	1.05054	1.05054	0.278586	0.859844	-1.163	0.673786	1.05839	1.05839	0.0950768	1.27685	1.27685	0.943572	0.252914	0.229314	1
cg27405697	UNK1	0.538159	0.538423	1.32655	1.32655	0.110891	1.39413	1.39413	0.221597	1.47593	1.47593	0.129703	0.966185	-1.0115	0.844441	0.95602	-1.046	0.917559	1.02	1.02	0.974563	0.897101	-1.1147	0.661641	1.38559	1.38559	0.578204	1.11343	1.11343	0.943568	0.546877	0.515186	1
cg24423860	SPHY3	0.538164	0.955117	1.03126	1.03126	0.169339	0.44898	-2.22727	0.522858	1.42501	1.42501	0.825816	0.886435	-1.12811	0.703104	0.809347	-1.23556	0.95124	1.03401	1.03401	0.0679325	3.0945	3.0945	0.647034	1.28679	1.28679	0.794686	0.867069	-1.15331	0.943556	4.4703	4.21128	1
cg04278905	KATZA;HSPB9	0.538165	0.415364	1.1652	1.1652	0.775172	1.05883	1.05883	0.913306	1.38229	1.38229	0.122222	1.16579	1.16579	0.367273	0.84495	-1.20106	0.917384	1.1652	1.1652	0.117866	1.16057	1.16057	0.873171	0.973823	-1.02899	0.441319	0.868421	-1.15152	0.943555	0.854	0.745611	1
cg09075063	BCOR;BCOR	0.538175	0.399847	1.51509	1.51509	0.560701	1.32791	1.32791	0.156706	0.481783	-2.07562	0.957673	0.974738	-1.02592	0.300618	0.596263	-1.67711	0.237091	1.81691	1.81691	0.70496	0.832449	-1.20127	0.341312	1.60433	1.60433	0.835474	1.10545	1.10545	0.943542	3.47294	3.27178	1
cg10959408	GLS1	0.538183	0.400285	0.804431	-1.24313	0.709517	1.10919	1.10919	0.61186	0.878679	-1.13807	0.384061	1.25306	1.25306	0.829415	0.744274	-1.34359	0.990126	0.996877	-1.00313	0.983751	1.00218	1.00218	0.943428	1.50264	1.50264	0.872435	1.20288	1.20288	0.943528	0.954643	0.89936	1
cg05569124	CHEK1;CHEK1;CHEK1;CHEK1	0.538189	0.185817	0.645132	-1.55007	0.886613	0.757867	-1.31793	0.827518	0.934095	-1.07055	0.229026	0.674089	-1.48348	0.940922	1.06308	1.06308	0.704282	1.42128	1.42128	0.0697	2.01475	2.01475	0.0441	1.33714	1.33714	0.95442	1.01802	1.01802	0.782122	0.919659	-1.08736	0.943518	1.45871	1.37425	1
cg14317285	SOX2OT	0.538219	0.241044	1.61886	1.61886	0.110608	1.1976	1.1976	0.44386	0.735744	-1.35917	0.852909	1.07557	1.07557	0.665613	0.843103	-1.18609	0.147036	1.84191	1.84191	0.896396	1.05246	1.05246	0.730843	1.14515	1.14515	0.835864	0.921797	-1.08484	0.943516	2.30214	2.16865	1
cg01408912	PPIL2;PPIL2;PPIL2	0.538219	0.923471	1.01955	1.01955	0.777344	1.08709	1.08709	0.818894	1.01433	-1.01433	0.541217	1.13273	1.13273	0.0936505	0.642127	1.55623	0.760127	1.00926	1.00926	0.952612	0.660237	1.51482	1.51482	0.664274	1.09198	1.09198	0.327306	1.226	1.226	0.512	0.606728	0.571602	1
cg00541601	ANKHD1;ANKHD1-EIF4EBP3;ANKHD1;ANKHD1	0.538196	0.10218	0.549118	-1.82044	0.567105	0.823864	-1.21379	0.501157	1.25092	1.25092	0.817595	1.08045	1.08045	0.434547	1.30609	1.30609	0.323289	0.710575	-1.40731	0.262718	1.47859	1.47859	0.905792	-1.10401	0.881657	1.05116	1.05116	0.943507	1.67617	1.57914	1
cg17150789	FAM198A	0.538209	0.988486	1.0097	1.0097	0.0501237	4.45674	4.45674	0.136334	2.92663	2.92663	0.97319	0.977766	-1.02274	0.836806	1.14798	1.14798	1.14798	0.507218	1.5686	1.5686	0.802675	1.18238	1.18238	0.803734	0.840534	-1.18129	0.779818	0.829018	-1.20625	0.943484	6.68943	6.30234	1
cg10981907	CD6	0.538222	0.216892	0.345671	3.84567	0.100241	0.646805	0.464805	0.322482	2.8849	2.8849	0.846177	0.817628	-1.22305	0.412128	0.419234	-2.3853	0.414939	0.421524	-2.37234	0.896905	0.874251	-1.14384	0.664075	1.0478	1.0478	0.768028	1.35883	1.35883	0.943465	1.65086	15.1296	1
cg17445508	IWS1	0.538205	0.879777	1.04915	1.04915	0.773521	0.91845	-1.09389	0.637895	1.25454	1.25454	0.708893	0.992356	1.0077	0.981187	1.03458	1.03458	0.740254	1.02	1.02	0.984	0.949503	1.03964	1.03964	0.917466	1.17456	1.17456	0.748996	0.936815	1.057678	0.98396	1
cg24248046	FAM122C;FAM122C;FAM122C;FAM122C-ZMYND11;ZMYND11;ZMYND11;ZMYND11	0.538232	0.121106	0.22732	-4.39908	0.111946	0.217284	-4.60228	0.619584	0.646556	-1.54666	0.627476	1.44832	1.44832	0.313341	0.401605	2.49001	0.254377	0.352496	-2.83691	0.911183	0.907447	-1.10199	0.411364	0.480192	-2.0825	0.910696	1.10258	1.102581	0.952794	11.1897	9.13431	1
cg12639781	11;ZMYND11;ZMYND11	0.538235	0.751966	1.09859	1.09859	0.829327	1.06082	1.06082	0.263887	1.37508	1.37508	0.950869	1.01699	1.01699	0.630643	0.875905	-1.14168	0.131972	0.64104	-1.55997	0.819334	0.939349	-1.06457	0.126747	0.636516	-1.57105	0.505693	0.831357	-1.20285	0.94344	1.11764	1.05301	1
cg14560030	COL11A2;COL11A2;COL11A2;COL11A2	0.538238	0.141756	0.417915	-2.39283	0.898339	0.932235	-1.07269	0.539916	0.709848	-1.40875	0.763191	1.18161	1.18161	0.135428	0.411178	-2.43204	0.81983	0.881623	-1.13427	0.315414	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg21397848	TAS1R1;TAS1R1;TAS1R1;TAS1R1	0.538697	0.955343	0.968287	-1.03275	0.568137	1.39585	1.39585	0.446398	0.649564	-1.5395	0.936015	0.954647	-1.04751	0.057739	0.289279	-1.45687	0.624669	0.715985	-1.32981	0.135075	0.394066	-2.53765	0.823776	0.91757	-1.08984	0.54071	0.699072	-1.43047	0.942665	4.98606	4.70445	1
cg16623153	CRTC1;CRTC1	0.5387	0.162793	0.256343	-3.90102	0.810624	1.24523	1.24523	0.088222	0.122783	5.57733	0.950616	0.897295	-1.11446	0.760948	0.756703	-1.32152	0.492511	0.528968	-1.89047	0.536882	0.564791	-1.77057	0.960947	1.04611	1.04611	0.465511	0.507347	-1.97104	0.942659	12.4618	11.7509	1
cg09450037	RNF126	0.538714	0.131776	4.99118	4.99118	0.260395	3.1902	3.1902	0.295254	2.92316	2.92316	0.246451	3.31273	3.31273	0.474833	2.05074	2.05074	0.373783	0.40566	-2.46512	0.972684	1.03442	1.03442	0.623603	0.613359	-1.63037	0.990776	1.01149	1.01149	0.942637	14.5799	13.7486	1
cg01260820	EML1;EML1	0.538715	0.637439	1.22296	1.22296	0.305065	0.637831	-1.56102	0.697049	1.18042	1.18042	0.642627	0.650822	1.21912	0.66112	1.20562	1.20562	0.650872	1.21308	1.21308	0.0962289	2.16938	2.16938	0.1106	2.08994	2.08994	0.710321	1.17138	1.17138	0.942635	2.68373	2.53071	1
cg26682955	TPK1	0.538718	0.140788	6.09011	-1.64174	0.438878	1.28027	1.28027	0.263836	1.43977	1.43977	0.224788	0.670993	-1.49033	0.859427	1.05704	1.05704	0.386914	0.757647	-1.31988	0.631369	1.16238	1.16238	0.9243	1.0681	1.0681	0.861078	0.946661	-1.05636	0.942603	1.46193	1.37859	1
cg13395649	C12orf75	0.538721	0.263062	0.337794	-2.96038	0.136888	4.4391	4.4391	0.650539	1.52838	1.52838	0.775319	0.766208	-1.30498	0.730523	0.724984	-1.37934	0.322483	0.386497	-2.58734	7	7	7	0.539334	1.78258	1.78258	0.464966	1.90716	1.90716	0.913534	11.3465	12.1804	1
cg19709585	LAMB3;LAMB3;LAMB3	0.53874	0.738445	0.860459	-1.16217	0.191996	1.85779	1.85779	0.184233	1.88077	1.88077	0.596005	0.786664	-1.27119	0.752309	1.15256	1.15256	0.799392	1.12098	1.12098	0.925035	1.04311	1.04311	0.125124	0.474989	-2.10531	0.996658	0.998123	-1.00188	0.942592	3.00251	2.83145	1
cg09035577	THNSL2	0.538743	0.357259	0.949491	-3.599	0.588023	1.94749	1.94749	0.777907	0.788501	-1.41143	0.972651	0.950081	-1.04256	0.689837	0.964616	-1.15474	0.828308	0.757576	-1.32	0.349347	0.909106	-1.23514	0.881269	0.925446	-1.91473	0.454457	0.395128	-2.51983	0.942591	22.1718	20.9086	1
cg15733309	PTPN12;PTPN12;PTPRN2	0.538747	0.413925	0.573815	-1.74272	0.173442	2.62015	2.62015	0.185091	0.555635	-1.79974	0.673637	0.754492	-1.3254	0.953609	1.03064	1.03064	0.611419	1.40598	1.40598	0.534014	1.52024	1.52024	0.197192	0.47602	2.47602	0.394253	0.524658	1.9066	0.581254	6.22644	6.22644	1
cg00163481	FBXO28;FBXO28	0.538768	0.75997	1.04992	1.04992	0.819995	1.0369	1.0369	0.930414	1.01398	1.01398	0.239831	0.822297	-1.21611	0.511783	1.11158	1.11158	0.720428	0.944473	-1.05879	0.109042	0.75744	-1.32024	0.601794	1.0873	1.0873	0.227586	1.22305	1.22305	0.942545	0.377236	0.355761	1
cg01126234	ZFYVE21	0.538775	0.657233	1.59942	1.59942	0.0966	2.1573	2.1573	0.741253	1.18503	1.18503	0.17266	0.712796	1.67206	0.744682	1.37116	1.37116	0.704127	1.30415	1.30415	0.944324	1.06203	1.06203	0.844328	1.18438	1.18438	0.955801	1.04999	1.04999	0.0848	1.10357	1.10357	0.942534	13.9291	13.1363	1
cg06296553	NCOR2;NCOR2	0.538785	0.715198	1.23452	1.23452	0.11055	2.71745	2.71745	0.867237	0.956292	2.95629	0.93476	0.948319	1.04883	0.588303	0.730691	-1.36857	0.956275	1.03202	1.03202	0.326542	1.7902	1.7902	0.623152	1.32942	1.32942	0.723812	0.815482	-1.22627	0.942517	4.93376	4.65304	1
cg26450149	TNS3	0.53879	0.280626	0.319858	-2.99528	0.232579	0.376146	-2.65854	0.959316	1.78169	1.78169	0.649453	1.56459	1.56459	0.284159	0.336758	-2.9685	0.68938	1.17316	1.17316	0.144739	0.536539	1.8638	1.8638	0.114151	0.50505	-1.98	0.53003	0.776575	-1.2877	0.942501	2.35847	2.22431	1
cg26094724	PNMA1	0.538795	0.744914	0.8783	-1.13896	0.126266	0.518131	-1.93002	0.57139	1.07712	1.07712	0.534387	0.778707	-1.28418	0.763188	1.30982	1.30982	0.68898	1.17316	1.17316	0.144739	0.536539	1.8638	1.8638	0.114151	0.50505	-1.98	0.53003	0.776575	-1.2877	0.942501	2.35847	2.22431	1
cg16113298	PAX6;PAX6;PAX6;PAX6	0.538797	0.28622	1.90106	1.90106	0.409425	0.611553	-1.63524	0.142765	0.786353	-1.27183	0.559279	0.765407	-1.30635	0.0551565	0.221602	4.51182	0.766207	0.840535	-1.18972	0.783347	1.17372	1.17372	0.477072	0.52357	1.52357	0.646209	1.3038	1.30838	0.9518	4.98034	4.60976	1
cg07602213	THOC2	0.538798	0.606543	0.8879754	-1.31068	0.648644	0.916569	-1.09103	0.78485	1.07003	1.07003	-1.40674	0.538524	0.50873	-1.96628	0.608972	0.916769	0.904996	-1.10498	0.153936	0.139621	-1.76225	0.466072	0.390992	-2.5576	0.93737	0.905857	-1.10393	0.972539	0.957618	-1.04426	0.964519	23.0269	21.5157	1
cg18844304	SUV420H2	0.538804	0.80979	1.09321	1.09321	0.598396	1.21705	1.21705	0.376696	1.39829	1.39829	0.400392	0.727512	-1.37455	0.247965	0.639946	-1.56263	0.396473	0.725492	-1.37838	0.109006	0.524171	-1.90777	0.682097	1.1644	1.1644	0.737734	1.13224	1.13224	0.942486	2.03876	1.92282	1
cg00426193	RIF1	0.538813	0.094813	0.446915	-2.23872	0.83748	1.09488	1.09488	0.72287	0.859451	-1.17016	0.175092	0.529165	-1.88777	0.676785	0.671323	-1.4896	0.281774	0.610388	-1.63834	0.45633	0.715473	-1.39768	0.474268	0.725307	-1.37873	0.159567	0.506621	-1.97386	0.942474	2.90725	2.74396	1
cg12564291	LIG3;LIG3	0.538815	0.33594	0.78377	-1.25255	0.310354	0.26901	1.26901	0.516629	0.91065	-1.09795	0.160955	0.502192	0.50233	-1.99204	0.482134	-1.34592	0.77677	1.06664	1.06664	0.132145	0.690793	-1.44761	0.280403	0.775187	-1.29001	0.764203	1.07066	1.0706	0.942467	0.768851	0.725143	1
cg02458292	KIAA0913	0.538821	0.671233	0.893041	-1.11977	0.996513	1.00116	1.00116	0.981978	0.994033	-1.006	0.470782	0.823339	-1.21457	0.037637	0.527856	-1.89446	0.365679	1.27922	1.27922	0.903579	1.03263	1.03263	0.606883	0.871524	-1.14741	0.98445	1.00518	1.00518	0.942456	1.04784	0.988284	1
cg15239914	SCN2A;SCN2A;SCN2A	0.538854	0.634429	0.8046	-1.24273	0.3158	0.760854	-1.31451	0.858361	0.882071	-1.13349	0.629797	0.794774	1.04777	0.547139	0.702055	-1.42389	0.603925	0.788896	-1.26756	0.335613	0.637712	1.5681	1.5681	0.584772	0.779851	-1.2823	0.223326	0.558515	-1.79046	0.942401	3.06396	2.88998	1
cg25786655	ASB10;ASB10;ASB10	0.538877	0.458278	0.682284	-1.46566	0.896544	1.60807	1.60807	0.40759	0.651285	-1.53543	0.377729	0.629432	-1.58115	0.0551565	0.332692	-3.00579	0.287871	0.572032	-1.74816	0.381735	0.635008	-1.57478	0.198709	0.502826	-1.98876	0.928827	0.955785	-1.04626	0.942363	3.82436	3.60735	1
cg16834488	SLC30A10	0.538881	0.950044	1.04151	1.04151	0.239535	0.376146	-2.65854	0.959316	1.78169	1.78169	0.649453	1.56459	1.56459	0.284159	0.336758	-2.9685	0.365679	1.27922	1.27922	0.903579	1.03263	1.03263	0.606883	0.871524	-1.14741	0.98445	1.00518	1.00518	0.942456	1.04784	0.988284	1
cg16268507	MAPRE2;MAPRE2	0.538882	0.198131	0.759436	-1.31677	0.0742851	1.49537	1.49537	0.920457	1.02041	1.02041	0.834871	1.04314	1.04314	0.443231	1.17136	1.17136	0.518103	1.14175	1.14175	0.540038	0.882047	-1.13373	0.946909	0.986617	-1.01356	0.743463	1.0687	1.0687	0.942355	0.61092	0.576259	1
cg24075628	APOLD1	0.538889	0.370936	1.12449	1.12449	0.70516	1.04974	1.04974	0.11706	1.24288	1.24288	0.481113	1.09577	1.09577	0.254387	0.858996	-1.16415	0.864346	1.02208	1.02208	0.620979	0.938129	-1.06572	0.782604	1.01596	1.01596	0.20234	1.18757	1.18757	0.942342	0.243423	0.229615	1
cg25930467	THOC2	0.538898	0.607125	0.8879754	-1.31068	0.648644	0.916569	-1.09103	0.78485	1.07003	1.07003	-1.40674	0.538524	0.50873	-1.96628	0.608972	0.916769	0.904996	-1.10498	0.153936	0.139621	-1.76225	0.466072	0.390992	-2.5576	0.93737	0.905857	-1.10393	0.972539	0.957618	-1.04426	0.964519	23.0269	21.5157	1
cg04148095	FAM160A2;FAM160A2	0.538893	0.65966	0.843881	-1.185	0.757696	1.12584	1.12584	0.779375	0.898018	-1.11356	0.182383	1.71953	1.71953	0.274415	1.54586	1.54586	0.205051	1.58478	1.58478	0.370551	1.42218	1.42218	0.880402	0.944005	-1.05932	0.223357	0.612762	-1.63195	0.942335	2.18947	2.06529	1
cg26778571	ZNF673;ZNF673;ZNF673;ZNF673	0.538898	0.274778	0.250819	-3.98696	0.134773	0.968331	-1.03265	0.994868	0.722407	1.38455	-1.64239	0.44228	-2.26105	0.917994	1.04777	1.04777	0.547139	0.702055	-1.42389	0.603925	0.637712	1.5681	1.5681	0.584772	0.779851	-1.2823	0.223326	0.558515	-1.79046	0.942401	3.06396	2.88998	1
cg17652998	SLC25A28	0.538924	0.10636	1.81389	1.81389	0.170595	1.63686	1.63686	0.218916	0.646207	-1.54749	0.953741	1.01978	1.01978	0.751736	1.11034	1.11034	0.770141	1.104	1.104	0.4253	1.31644	1.31644	0.886785	0.953032	-1.04928	0.754324	1.11634	1.11634	0.942284	1.70182	1.60539	1
cg15973116	FAM184B	0.538927	0.842703	1.10143	1.10143	0.232808	0.541894	-1.84538	0.411286	0.663795	-1.50662	0.161966	2.08202	2.08202	0.421081	1.49313	1.49313	0.359717	1.58367	1.58367	0.677384	0.815813	-1.22577	0.344536	1.60877	1.60877	0.871434	1.08193	1.08193	0.951571	3.48677	2.84996	1
cg02799448	OLIG3	0.538934	0.524012	0.8106	-1.23372	0.538704	0.257151	-1.8946	0.288699	0.783333	-1.27685	0.182073	2.26257	2.26257	0.0197754	1.84842	1.84842	0.758778	1.31848	1.31848	0.19694	1.50758	1.50758	0.0153658	2.40754	2.40754	0.0178125	1.02406	1.02406	0.942257	1.21121	1.21121	0.58454	1
cg17188994	FGF12	0.538944	0.18476	0.427899	-2.337	0.738893	0.817199	-1.22369	0.460777	0.63562	-1.57327	0.790055	0.851265	-1.17472	0.599431	0.726272	-1.3769	0.516972	0.672671	-1.48661	0.751113	0.825285	-1.2117	0.158073	2.48615	2.48615	0.1502	1.39443	1.39443	0.942235	2.53651	0.94225	1
cg22386646	KCND3;KCND3	0.538948	0.774385	0.891107	-1.12203	0.749535	1.14204	1.14204	0.732477	0.872145	-1.14537	0.695292	0.894193	-1.11844	0.551565	0.615535	-1.62523	0.306536	0.432269	-2.31371	0.147055	0.680371	1.46971	1.46971	0.0885707	1.11355	1.11355	0.0127512	1.18712	1.18712	0.436395	0.760259	-1.31554	0.942357	1.1902	1.18281	1
cg17237320	LOC401052	0.538948	0.224676	0.749413	-1.33438	0.249806	0.761834	-1.31262	0.894146	0.970338	-1.03057	0.43093	0.833751	-1.1994	0.882748	1.03394	1.03394	0.0569473	0.614312	-1.62784	0.395399	0.821301	-1.21758	0.750571	1.0748	1.0748	0.652954	0.902689	-1.1078	0.942244	0.763426	0.720197	1
cg17009574	BTN3A2	0.538951	0.587686	0.2733	2.1733	0.51693	0.203008	-2.53907	0.600417	0.21579	2.11579	0.499172	0.26452	2.64522	0.476197	0.357998	-2.79331	0.678181	0.553394	-1.80703	0.42886	0.318153	-3.14314	0.342185	0.249643	-4.00572	0.094456	0.15534	0.15534	0.942239	30.0047	28.3058	1
cg01160241	CDH23;CDH23	0.538953	0.697589	0.84109	-1.18907	0.39235	0.24834	4.02814	0.313735	1.78062	1.78062	0.514973	1.8652	1.8652	0.0551565	2.16962	2.16962	0.271744	2.26329	2.26329	0.0163116	2.81051	2.81051	1.1637	1.1637	0.784814	0.841006	1.18905	1.18905	0.0011749	1.24482	1.24482	0.535215	5.64366	1
cg26814335	AGPAT5	0.538956	0.859329	0.937015	-1.06722	0.495797	1.28868	1.28868	0.472727	1.30713	1.30713	0.986403	1.00627	1.00627	0.499026	0.777505	-1.28617	0.214231	1.61532	1.61532	0.250098	1.55388	1.55388	0.171873	1.70462	1.70462	0.317342	0.684505	-1.46091	0.942231	2.00687	1.89326	1
cg00581156	DIMT1L	0.538965	0.329093	1.28463	1.28463	0.368507	0.657726	-1.52503	0.522613	0.74375	1.34375	0.0990253	0.549828	-1.82582	0.0551565	0.301928	-3.31191	0.887532	1.12592	1.12592	0.539111	0.884176	-1.13054	0.942285	0.887532	1.12592	0.539111	0.884176	-1.13054	0.942285	1.01802	1.01802	0.942227	0.749177	0.705268	1
cg01847620	LAMA5	0.53896	0.714254	1.11623	1.11623	0.390655	1.30084	1.30084	0.53626	1.1909	1.1909	0.670859	0.88001	-1.16435	0.979044	1.00788	1.00788	0.527939	0.829558	-1.21072	0.03682	2.06507	2.06507	0.723743	1.11195	1.11195	0.632361	1.15503	1.15503	0.942223	1.33426	1.25874	1
cg01822088	CEP170;CEP170;CEP170	0.538975	0.108217	0.290292	-3.4448	0.228701	0.409982	-2.43913	0.386969	0.534775	-1.86994	0.409881	0.551646	-1.81276	0.358668	0.513663	-1.9468	0.771478	0.814199	-1.2282	0.967072	1.02956	1.02956	0.666555	0.736414	-1.35793	0.0840908	0.2595	-3.85357	0.942198	7.43382	7.01322	1
cg09436604	MIR575;SCD5;SCD5	0.538982	0.120302	0.626003	-1.59742	0.385582	0.54338	-1.83947	0.125005	0.542121	1.85265	0.0135305	0.467892	2.13805	0.0551565	0.442703	2.25911	0.0173767	0.0329	30.3921	0.0135305	0.468892	2.13243

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(1155 vs. N)	Fold-Change(1155 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(637 vs. N)	Fold-Change(637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg03117752	VCX		0.839924	0.080402	-1.12309	0.320883	0.190777	-2.559	0.645347	0.65399	-1.52608	0.927807	0.108659	1.08659	0.0801261	0.168787	1.92463	0.472836	0.515537	-1.95489	0.263864	2.9074	2.9074	0.699131	1.43284	1.43284	0.40226	0.455881	-2.19356	0.9410	0.12549	0.11824	1
cg21321162	HDB1		0.425631	1.14557	1.14557	0.251385	1.22163	1.22163	0.167887	1.27921	1.27921	0.543025	1.10831	1.10831	0.410424	1.15096	1.15096	0.23737	1.22972	1.22972	0.372845	0.858276	-1.16513	0.74831	0.947641	-1.05525	0.253582	1.2204	1.2204	0.941028	0.415904	0.39286	1
cg25755500	RAB21;RAB21		0.639084	0.630099	1.06722	1.06722	0.848852	0.974743	-1.02591	0.810779	0.968352	-1.03268	0.437045	1.11216	1.11216	0.0694292	1.31299	1.31299		0.568023	1.08045	1.08045	0.310807	0.868834	-1.15097	0.397362	1.12321	1.12321	0.361718	1.13395	1.13395	0.94101	0.267922	0.253082	1
cg08142232	CHMP4B		0.570353	1.1584	1.1584	0.805344	1.00547	1.00547	0.585305	0.888105	-1.15193	0.629245	0.852544	-1.13309	0.292785	0.75554	-1.32356	0.448289	1.21955	1.21955	0.0952915	0.624547	-1.60116	0.600999	1.14514	1.14514	0.368603	1.26767	1.26767	0.940999	0.983148	0.928704	1
cg22587675	ELF2		0.356896	0.584775	-1.71006	0.896689	1.0327	1.0327	0.820168	1.05802	1.05802	0.935261	0.98008	-1.02032	0.584658	0.872224	-1.14649	0.191841	1.40804	1.40804	0.692789	0.906334	-1.10335	0.887096	0.965426	-1.03581	0.760114	1.0788	1.0788	0.900992	0.914217	0.863597	1
cg18088844	GIPR		0.232054	0.556215	-1.79707	0.0824811	0.406492	-2.46007	0.614961	0.788697	-1.26791	0.996228	0.6659	-1.50173	0.204568	0.534443	-1.87114	0.647808	1.24618	1.24618	0.278722	0.590303	-1.69405	0.413067	0.675942	-1.47942	0.439221	0.689521	-1.45028	0.940985	3.26448	3.08375	1
cg04460609	LDB2;LDB2		0.359701	0.997668	1.001	1.001	0.188303	1.61197	1.61197	0.784497	1.09836	1.09836	0.837528	1.07754	1.07754	0.418951	1.32666	1.32666		0.114621	1.79912	1.79912	0.212304	1.56776	1.56776	0.751239	1.115	1.115	0.321505	0.704299	-1.41985	0.940981	1.74585	1.6492	1
cg00088916	VAT1L		0.379376	1.29908	1.29908	0.198432	0.72809	-1.37193	0.824165	1.05514	1.05514	0.902464	1.02894	1.02894	0.572982	0.875887	-1.1417	0.549198	0.868483	-1.15143	0.318961	1.2039	1.2039	0.185799	0.72151	-1.38598	0.477206	0.845224	-1.18312	0.940973	0.806745	0.76209	1
cg25288767	ZCCHC4		0.494845	0.78924	-1.26704	0.664771	0.775616	-1.2893	0.876561	0.95495	-1.04757	0.225457	1.2263	1.2263	0.163928	1.23802	1.23802	0.696798	0.87485	-1.14305	0.0453766	2.18965	2.18965	0.94347	1.02451	1.02451	0.783062	0.910064	1.09882	0.940973	1.73754	1.64137	1
cg09970569	RSPO2		0.539709	0.158344	5.9628	5.9628	0.595344	1.88641	1.88641	0.650292	1.71668	1.71668	0.897177	1.16542	1.16542	0.660465	0.592511	-1.68773		0.871557	0.82565	-1.21117	0.836444	0.782893	-1.27731	0.0533969	13.4005	13.4005	0.460358	2.43501	2.43501	0.940968	20.8924	19.7361	1
cg08834772	SNRK;SNRK		0.406876	0.794494	1.21494	0.869614	0.96997	1.03043	0.744167	0.699728	-1.42913	0.252206	1.24499	1.24499	0.309956	0.7924	-1.26194	0.966116	1.00977	1.00977	0.277099	0.722258	-1.38435	0.2949	0.662134	1.23073	1.23073	0.4137	1.21078	0.940952	0.780718	0.737521	1
cg22637428	MYBPC3		0.539721	0.42979	0.797121	-1.25452	0.190795	1.4766	1.4766	0.470974	0.813574	-1.22954	0.602838	0.862697	-1.15916	0.641713	0.876483	-1.14092	0.561748	0.847843	-1.17946	0.125006	1.59552	1.59552	0.700564	0.896888	-1.11484	0.582771	1.16893	1.16893	0.940948	1.17959	1.11433	1
cg20962406	ISM1		0.539723	0.760523	0.597551	-1.07904	0.199005	0.713196	1.40174	0.440794	0.823309	-1.21609	0.99199	1.00188	1.00188	0.815039	0.943356	-1.06004	0.793048	1.06761	1.06761	0.0677139	1.66406	1.66406	0.624326	1.13068	1.13068	0.82188	0.945435	1.05771	0.940944	0.922767	0.871718	1
cg12443439	NR112;NR112;NR112		0.53973	0.776081	0.747379	-1.33801	0.110196	0.91587	1.91587	0.176414	4.33838	4.33838	0.705722	1.47309	1.47309	0.693454	1.49859	1.49859		0.974932	1.03261	1.03261	0.864099	0.786218	-1.27191	0.204773	0.950858	-1.92068	0.653903	1.58536	1.58536	0.940932	15.5376	14.6782	1
cg04865575	YME1L1;MASTL;YME1L1 MYO19;MYO19;PIGM;MYO19;MYO19;		0.539738	0.221206	0.8329	-1.20062	0.918842	0.985631	-1.01458	0.503971	1.10122	1.10122	0.471921	0.901188	-1.10965	0.10005	1.29204	1.29204		0.443779	0.894926	-1.11741	0.593969	0.988242	-1.01087	0.610563	1.07576	1.07576	0.535046	0.914552	-1.09343	0.9402	0.301266	0.284607	1
cg07869576	MYO19;MYO19		0.539763	0.64392	1.09194	1.09194	0.378659	0.843094	-1.18611	0.916158	1.0201	1.0201	0.601462	0.905237	-1.10471	0.0455704	0.648409	-1.54224		0.286916	0.811431	-1.23239	0.751147	0.941651	-1.06196	0.637451	1.09385	1.09385	0.929425	0.9834	-1.01688	0.940877	0.532097	0.502696	1
cg02631917	URI-AB		0.539767	0.342515	0.399516	-2.50303	0.0914371	0.174852	-5.7191	0.398088	2.24931	2.24931	0.533412	0.594077	-1.80188	0.321193	0.3823	-2.61575		0.440654	0.478199	-2.09123	0.303196	0.36768	-2.71976	0.255361	0.328224	-3.0467	0.749978	0.740303	1.3508	0.834871	1.51158	1.51158	12.9912	1
cg25788012	EXOSC4		0.539773	0.455317	0.789623	-1.26683	0.295032	1.40119	1.40119	0.668241	1.1433	1.1433	0.736392	0.900371	-1.11065	0.609975	0.883278	-1.13215	0.260468	0.694493	-1.4399	0.214188	0.666166	-1.50113	0.636983	1.062728	-1.15911	0.206922	1.51201	1.51201	0.940864	1.4772	1.3583	1
cg09632196	LRRC23;ENO2;LRRC23;LRRC23		0.539775	0.744766	1.18441	1.18441	0.620068	1.29554	1.29554	0.137108	2.29255	2.29255	0.268458	1.817	1.817	0.963194	1.0242	1.0242		0.376396	0.624807	-1.60049	0.324075	0.589984	-1.69496	0.519347	0.712887	-1.40275	0.173789	1.60484	1.60484	0.940856	4.00006	3.77912	1
cg09303798	TAP6P;TAP6P		0.539777	0.821682	1.09842	1.09842	0.721333	1.05105	1.05105	0.941961	1.06977	1.06977	-1.03116	0.337735	1.51671	0.623214	1.32309	1.32309		0.292784	0.631278	-1.58409	0.167364	0.537764	-1.85955	0.211311	1.7401	1.74021	0.402033	0.695632	-1.43754	0.840854	2.64708	2.50088	1
cg09546802	PRELID2;PRELID2;PRELID2 RGS19;OPRL1;OPRL1;RGS19;OPRL1;OP		0.539781	0.292251	1.99881	1.99889	0.286064	2.01822	2.01822	0.753482	0.818988	-1.22102	0.319507	1.91944	1.91944	0.40136	0.581452	1.75983		0.76606	1.20819	1.20819	0.180678	0.406192	-2.46189	0.871548	0.902519	-1.10801	0.362742	1.80924	1.80924	0.940848	5.98624	5.56565	1
cg24513045	RL1		0.539784	0.691777	0.925546	-1.08044	0.532111	1.13075	1.13075	0.155381	1.3434	1.3434	0.965721	1.00838	1.00838	0.479643	1.14973	1.14973		0.684252	0.923682	-1.08262	0.749495	0.939692	-1.06418	0.958932	1.01005	1.01005	0.0635002	1.49952	1.49952	0.940841	0.561785	0.530764	1
cg25554283	AXIN2		0.539785	0.434696	1.80986	1.80986	0.236766	0.378098	-2.64482	0.880387	0.897664	-1.114	0.747741	0.792528	-1.26179	7	7		0.404373	1.89377	1.89377	0.287239	0.426823	-2.34289	0.378533	0.506738	-1.9734	0.419778	0.540548	-1.84998	0.940997	6.08418	2.17307	1
cg00026394	TEAD3		0.539786	0.393551	1.36628	1.36628	0.327095	1.13317	1.13317	0.631718	1.07895	1.07895	0.573312	0.816106	-1.22507	0.713182	0.8906	-1.12302	0.634255	1.24101	1.24101	0.760483	0.896549	-1.11526	0.895471	0.954145	-1.04806	0.497986	1.27848	1.27848	0.940819	1.90014	1.79522	1
cg00344870	ATXN1;ATXN1		0.539787	0.753225	0.895238	-1.11702	0.507394	1.25657	1.25657	0.183788	1.64016	1.64016	0.589299	0.825933	-1.21075	0.405139	0.741659	-1.34833	0.342068	1.40986	1.40986	0.856802	0.938588	-1.06543	0.205299	1.59822	1.59822	0.223642	1.56614	1.56614	0.940836	1.83458	1.73329	1
cg07808854	FBLN7;FBLN7		0.539788	0.34997	0.5967	-1.67588	0.632028	0.274884	-3.63917	0.344484	1.82988	1.82988	0.327182	0.709671	-1.40975	0.361247	0.7367	-1.35766	0.277662	0.545596	-1.83286	0.838305	1.19391	0.0744329	0.913354	1.12191	0.0744329	0.574653	-2.90728	0.426256	0.646608	-1.54653	0.940935	4.29205	4.05507	1
cg07762788	CDH1		0.53979	0.91063	1.0323	1.0323	0.46041	0.808331	-1.23712	0.34133	0.757591	-1.31997	0.585171	1.1689	1.1689	0.291421	0.64055	-1.56116		0.626758	0.870444	-1.14884	0.123193	0.623247	-1.6045	0.411686	1.26828	1.26828	0.959706	0.985797	-1.01441	0.940832	1.19448	1.12853	1
cg06922569	ARAF		0.539801	0.537904	0.440086	-2.27228	0.734	0.63836	-1.56651	0.598244	0.496708	-2.01325	0.627926	15.7215	15.7215	0.436507	0.351825	-2.84232		0.396831	0.319249	-3.13235	0.547956	0.449286	-2.22575	0.881924	1.21603	1.21603	0.606812	1.98007	1.98007	0.940814	25.8046	24.3804	1
cg20549405	FOXN3;FOXN3		0.539803	0.947312	1.05596	1.05596	0.846444	0.927	-1.07837	0.614508	1.30988	1.30988	0.322837	0.749301	0.619058	0.350135	0.47636	-2.09875	0.629708	0.619058	-1.61556	0.803195	0.76832	-1.30178	0.351568	0.840809	1.4494	1.4494	0.959302	1.05168	1.05168	0.940809	1.54257	1.31741	1
cg18451485	C19orf28;C19orf28;C19orf28		0.539827	0.416155	1.38221	1.38221	0.12062	1.92644	1.92644	0.066846	2.20249	2.20249	0.49292	1.31157	1.31157	0.952362	0.976999	1.02492	0.999779	0.999892	-1.00011	0.997462	1.00124	0.80135	0.00103	1.00124	0.801103	0.715508	2.86718	2.86718	0.940802	1.12533	0.74701	1
cg12933154	KIAA0415		0.539829	0.815907	0.837965	1.06744	0.614438	1.16563	1.16563	0.420995	1.16563	1.16563	0.420995	0.774678	-1.33909	0.727752	0.90251	-1.10794	0.388444	1.70852	1.70852	0.0186265	0.593117	-1.68601	0.373082	0.770754	-1.29743	0.15334	0.863286	1.12841	1.12841	0.940801	1.76186	1.56241	1
cg02583418	POU3F3		0.539837	0.998665	1.00149	1.00149	0.454074	0.507204	-1.9716	0.46278	0.514095	-1.94516	0.194501	3.39308	3.39308	0.0917236	5.22176	5.22176		0.888236	1.882343	-1.13335	0.567944	1.67167	1.67167	0.700124	0.70857	-1.41129	0.473539	1.91343	1.91343	0.940753	11.8065	11.1556	1
cg01903775	PRUNE2		0.539841	0.515928	0.875135	-1.14268	0.796033	0.53585	1.05385	0.287444	1.25062	1.25062	0.762015	1.06224	1.06224	0.808153	1.05045	1.05049		0.974459	1.0065	1.0065	0.0541343	0.642381	-1.55671	0.616874	1.10753	1.10753	0.61408	1.10815	1.10815	0.940747	0.610864	0.577191	1
cg25728007	CCDC72;CDC7		0.539841	0.406006	0.897795	1.11377	0.894436	1.11317	1.11317	0.183718	1.07895	1.07895	0.573312	0.816106	-1.22507	0.713182	0.8906	-1.12302	0.634255	1.24101	1.24101	0.760483	0.896549	-1.11526	0.895471	0.954145	-1.04806	0.497986	1.27848	1.27848	0.940819	1.90014	1.79522	1
cg07465754	SUMF1;SUMF1;SUMF1		0.539868	0.372026	0.85079	-1.17538	0.942288	0.987316	-1.01285	0.915784	1.01882	1.01882	0.555631	1.11082	1.11082	0.27329	1.22264	1.22264		0.461054	1.14146	1.14146	0.437716	0.869731	-1.14978	0.0764721	1.41545	1.41545	0.736785	1.06128	1.06128	0.940702	0.463113	0.437605	1
cg09153399	USP12		0.53987	0.98109	1.01905	1.01905	0.0226368	2.57485	2.57485	0.607533	0.7892	0.7892	0.785843	1.03585	1.03585	0.743113	1.05396	1.05396		0.986502	0.992292	-1.00777	0.225896	0.804304	1.18304	0.0744329	1.35101	1.35101	0.0447	1.15111	1.15111	0.940696	1.1598	2.94532	1
cg23782866	FAM155A		0.539873	0.212273	0.596961	-1.67515	0.7884	1.11141	1.11141	0.444646	1.35796	1.35796	0.155475	0.550551	-1.81636	0.483161	0.755902	-1.32292	0.146228	0.758259	0.347138	1.46248	0.578259	1.24672	1.24672	0.754625	0.884993	1.12995	0.940694	2.2972	2.17069	1
cg24438909	NTRK1;INSRR		0.539873	0.530271	0.691865	-1.44537	0.0811115	3.06636	3.06636	0.990009	0.992771	-1.00728	0.357166	0.577708	-1.73098	0.631467	0.755773	-1.32315		0.54137	1.43079	1.43079	0.798409	1.15985	1.15985	0.249435	0.497855	-2.00862	0.981241	0.98647	-1.01372	0.940693	5.00158	4.72614	1
cg04702572	HBS1L		0.539881	0.377158	0.800014	-1.24988	0.967968	1.02356	1.02356	0.0801333	1.37166	1.37166	0.0801333	0.612628	1.63241	0.0801333	1.37166	1.37166		0.986502	0.992292	-1.00777	0.225896	0.804304	1.18304	0.0744329	1.35101	1.35101	0.0447	1.15111	1.15111	0.940696	1.1598	2.94532	1
cg06862167	LRRC56		0.539883	0.855869	1.12945	1.12945	0.253813	2.02079	2.22079	0.12599	3.02969	3.02969	0.916066	1.07311	1.07311	0.345134	0.521517	-1.91748		0.661298	1.34336	1.34336	0.676593	1.3206	1.3206	0.918675	0.933907	-1.07077	0.122539	1.06592	3.06592	0.940676	6.67834	6.31067	1
cg07510731	KCNK10;KCNK10;KCNK10		0.539887	0.853279	0.894304	1.11858	0.437395	1.13317	1.13317	0.463643	1.32756	1.32756	0.655765	1.12352	1.12352	0.96084	0.981041	-1.01933		0.408809	1.19086	1.19086	0.585137	1.709	1.709	0.274362	1.55796	1.55796	0.646522	1.735017	1.735017	0.940669	2.72202	2.57174	1
cg03555433	GFOD2;GFOD2;GFOD2		0.539898	0.323765	0.824018	-1.21357	0.895875	1.02518	1.02518	0.75687	0.942722	-1.06076	0.575958	1.11329	1.11329	0.725122	1.06935	1.06935		0.404019	1.17607	1.17607	0.580958	0.899523	-1.1117	0.183899	0.765098	-1.30702	0.138966	1.35323	1.35323	0.940651	0.537424	0.507851	1
cg26491893	AGAP3		0.539912	0.452887	0.802651	-1.24586	0.93823	0.762161	-1.31206	0.866	0.888333	-1.12516	0.513857	0.849429	-1.17754	0.853804	-1.1444	0.874005	0.912097	-1.09638	0.870643	1.14844	0.744329	0.747119	1.34956	0.0744329	0.743456	0.619887	-1.6132	0.940672	2.57323	2.43209	1
cg26208575	FAM53C;FAM53C		0.53992	0.394087	0.886486	-1.12966	0.25497	0.745701	-1.34102	0.255657	0.725679	-1.37802	0.925279	0.97471	-1.02567	0.821745	1.06287	1.06287		0.882074	0.960685	-1.04092	0.944861	0.918984	-1.01887	0.168949	1.48591	1.48591	0.453774	1.22726	1.22726	0.940614	1.08769	1.02788	1
cg19705159	LRWD1		0.539936	0.440547	0.636138	-1.57199	0.430209	1.58894	1.58894	0.201439	2.1724	2.1724	0.912312	0.938613	-1.0654	0.318595	0.552773	-1.80906		0.568049	0.713056	-1.40241	0.222254	0.478212	-2.09112	0.328786	1.78542	1.78542	0.879729	0.916605	-1.09088	0.940587	4.92691	4.65611	1
cg09724569	MF2D10;C4orf10;MF5D10		0.539944	0.347312	0.7896	-1.26673	0.646444	0.307	-3.25607	0.113008	0.43931	-2.27588	0.511808	0.30735	-1.07834	0.0178162	0.338381	-2.95441	0.247766	0.619058	-1.61556	0.803195	0.76832	-1.30178	0.351568	0.840809	1.4494	1.4494	0.959302	1.05168	1.05168	0.940583	1.54257	1.31741	1
cg23278060	OOPEY1;OOPEY1		0.539953	0.334332	1.84352	1.84352	0.431309	1.6379	1.6379	0.73394	1.23316	1.23316	0.472095	1.56725	1.56725	0.77263	0.836966	-1.19479		7	7	7	0.670662	0.297397	-3.3625	0.981064	0.985526	-1.01469	0.868413	0.903156	-1.10723	0.929427	4.93785	5.31279	1
cg01532132	EPN1;EPN1;EPN1		0.539954	0.214002	0.693574	-1.44181	0.613617	0.867382	-1.15302	0.469742	0.814097	-1.22836	0.134669	1.56097	1.56097	0.588035	0.881581	-1.16526	0.647804	1.13726	1.13726	0.345275	1.40478	1.40478	0.81291	0.935845	-1.06855	0.99465	0.998127	-1.00188	0.940557	1.16505	1.1035	1
cg11088935	SLC25A23		0.539963	0.882113	0.861603	-1.01874	0.92931	1.01117	1.01117	0.478353	1.09439	1.09439	0.614644	1.06597	1.06597	0.553407	0.889902	-1.12372		0.967008	1.00519	1.00519	0.953205	1.20471	1.20471	0.561502	1.59583	1.59583	0.0642	1.26666	1.26666	0.940542	0.233256	0.220446	1
cg22221026	LRRIF1P2;LRRIF2;LRRIF2		0.539965	0.750552	0.89222	-1.1208	0.633795	1.18721	1.18721	0.836404	0.928735	-1.07673	0.510076	0.787483	-1.26987	0.547009	1.24348	1.24348		0.229243	0.636913	-1.57007	7	7	7	0.276162	0.295497	-3.3625	0.981064	0.985526	-1.01469	0.868413	0.903156	-1.10723	0.929427	4.93785	5.31279	1
cg51520465	FRYD;FRYD1		0.539974	0.17287	1.0108	1.0108	0.0127237	2.31447	2.31447	0.0649	3.41911	3.41911	0.0649	1.45693	1.45693	0.0649	1.12753	1.12753		0.887197	1.01108	1.01108	0.894884	1.23192	1.23192	0.0649	1.41588	1.41588	0.155575	1.62472	1.62472	0.940667	0.88817	0.84817	1
cg01043957	GPRIN1		0.539979	0.197619	0.329451	-3.03535	0.430587	1.92691	1.92691	0.525394	1.68989	1.68989	0.674858	0.708946	-1.41054	0.244703	0.370768	-2.69711		0.61042	0.657759	-1.52031	0.171752	0.305404	-3.27435	0.249005	0.37442	-2.6708	0.594699	0.645448	-1.54931	0.940515	9.90148	9.35798	1
cg12037509	DPYSL2		0.540004	0.428001	1.39982	1.39982	0.431562	1.39606	1.39606	0.027662	2.85376	2.85376	0.962729	1.00904	1.00904	0.387242	1.44537	1.44537		0.986502	0.992292	-1.00777	0.225896	0.804304	1.18304	0.0744329	1.35101	1.35101	0.0447	1.15111	1.15111	0.940696	1.1598	2.94532	1
cg26377276	NCK2;NCK2;NCK2		0.540008	0.685247	0.30191	1.30191	0.247729	2.18682	2.18682	0.276795	2.08005	2.08005	0.292515	2.02807	2.02807	0.152465	0.370703	-2.69758		0.991208	0.00716	1.00716	0.481473	0.630593	-1.58581	0.978041	1.01798	1.01798	0.606739	0.714497	-1.39959	0.940467	6.24426	5.9018	1
cg26781524	BCMO1		0.540017	0.824868	1.14012	1.14012	0.865875	0.904818	-1.1052	0.169906	2.37499	2.37499	0.640862	1.32046	1.32046	0.30331	0.532136	-1.87922		0.405805	0.604581	-1.65404	0.111418	0.358462	-2.7897	0.78941	0.853528	-1.17161	0.870196	0.90777	-1.1016	0.940452	5.21449	4.92859	1
cg00085199	TRAPPC9;TRAPPC9		0.540037	0.156757	1.39102	1.39102	0.154388	2.20932	2.20932	0.0135857	2.48429	2.48429	0.0458818	1.04579	1.04579	0.754384	0.952403	-1.05007	0.0178162	0.338381	-2.95441	0.247766	0.619058	-1.61556	0.803195	0.840809	1.4494	1.4494	0.959302	1.05168	1.05168	0.940583	1.54257	1.31741	1
cg06590444	ACPT		0.540057	0.985627	1.01833	1.01832	0.867406	1.18343	1.18343	0.8397	0.815351	-1.22647	0.681757	1.51564	1.51564	0.225862	0.277522	0.560331	0.331607	2.74453	2.74453	0.340463	0.69164	2.69164	0.505142	1.97698	1.97698	0.118427	0.181132	-1.52083	0.940385	15.1301	14.3016	1
cg01190171	CHCR1;TCF19		0.540066	0.947451	1.01607	1.01607	0.478566	1.1904	1.1904	0.805468	1.06151	1.06151	0.172222	1.42124	1.42124	0.460963	1.19912	1.19912		0.582363	0.874267	-1.14382	0.436251	0.82518	-1.21186	0.331758	1.27412	1.27412	0.103762	1.53786	1.53786	0.94037	0.871699	0.823977	1
cg23146054	SPNED1		0.540086	0.307518	0.92435	1.92435	0.306359	1.92759	1.92759	0.757183	1.2119	1.2119	0.442455	1.62467	1.62467	0.534607	1.47644	1.47644		0.243761	1.21225	1.21225	0.273421	1.24267	1.24267	0.202649	0.0577147	3.78036	3.78036	0.240211	1.24261	1.24261	0.940336	5.71908	5.40618	1
cg11352418	FAM135A;FAM135A		0.540107	0.356592	1.38319	1.38319	0.354661	1.22692	1.22692	0.162781	1.38288	1.38288	0.175231	1.63757	1.63757	0.405472	1.44003	1.44003		0.100102	1.82526	1.82526	0.185389	1.0645	1.0645	0.217648	1.52688	1.52688	0.596094	1.20086	1.20086	0.940301	1.74313	1.64782	1
cg02734755	HUW1		0.540112	0.299736	0.242213	-4.12859	0.717585	1.61484	1.61484	0.607457	1.98111	1.98111	0.281608	4.35557	4.35557	0.0592753	16.6012	16.6012		0.738268	0.642451	-1.55654	0.877613	1.22547	1.22547	0.875805	1.22919	1.22919	0.778581	0.684915	-1.4505	0.940293	25.9244	24.5072	1
cg04016183	FXC1;FXC1;ARFIP2		0.540117	0.660569	0.657807	-1.51953	0.123522	1.68411	1.68411	0.0135857	1.31795	1.31795	0.620174	1.3444	1.3444	0.644973	1.25995	1.25995		0.742216	1.14705	1.14705	0.670963	0.824298	1.21248	0.0744329	1.52958	1.52958	0.0744329	1.88833	1.88833	0.815719	0.870844	1.14831	0.940417	4.94012	1
cg26410404	EFNB1		0.540117	0.221542	1.151115	-6.61749	0.001431	0.84556	1.18456	-1.19824	0.791225	0.678857	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 63T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
ug00541089	TRAID	0.650785	1.32462	1.32462	0.0916929	1.40931	3.24931	0.102541	1.10721	1.10721	0.504865	1.53621	1.55021	0.705889	0.786158	-1.27201	0.23961	2.18466	0.23466	0.755516	1.21923	1.21923	0.484728	1.56924	0.415054	1.69671	0.69671	0.93951	5.99247	5.66959	1
ug01538806	FAM129B;FAM129B	0.540583	0.404169	0.49344	-2.02659	0.0662424	0.181797	-5.50604	0.175866	0.303923	-3.2903	0.201811	0.327809	-3.00556	0.45164	0.530152	-1.88625	0.86172	0.865651	-1.1552	0.243903	0.364621	-2.74257	0.58673	0.634962	-1.5749	0.777555	0.791066	-1.26412	0.935004	10.1892	9.64023	1
ug02108889	C3orf27	0.540612	0.465305	1.3868	1.3868	0.303416	1.60187	1.60187	0.396816	0.682614	-1.46496	0.972957	1.01503	1.01503	0.95799	0.977086	-1.02345	0.477547	1.37409	1.37409	0.496345	0.737901	-1.3552	0.250294	1.69668	1.69668	0.106507	2.17192	2.17192	0.939456	2.8814	2.72631	1
ug04344749	LDLRAP1	0.540623	0.408386	1.55133	1.55133	0.0523379	1.14562	1.14562	0.132676	1.69936	1.69936	0.429799	0.658147	-1.51942	0.776733	0.8628	-1.15902	0.736704	1.19137	1.19137	0.910285	0.943172	-1.06025	0.810952	1.13245	1.13245	0.7194	0.829231	-1.20594	0.939437	4.00858	3.79289	1
ug01507907	PFKP	0.540645	0.382118	0.529753	-1.88767	0.78719	0.211524	1.21142	0.836053	1.15822	1.15822	0.633825	0.711662	-1.40516	0.445599	0.33037	-3.02691	0.517951	0.628394	-1.59136	0.120897	0.300556	-3.29429	0.310506	2.10392	2.10392	0.950694	0.957115	-1.04481	0.9394	7.47491	7.07299	1
ug04986124	LOC150381;C22orf26	0.540646	0.368552	0.662941	-1.50843	0.995185	0.997318	-1.00269	0.495814	1.56044	1.56044	1.382094	1.563866	1.563866	1.37406	1.566225	-1.53097	0.794815	1.123	1.123	1.340302	1.645712	-1.54868	1.266672	1.6738	1.6738	1.6738	1.208822	1.808085	1.808085	0.939308	2.9474	2.78803	1
ug06600530	MIR124-3	0.540656	0.419765	1.29029	1.29029	0.223303	0.673276	-1.48527	0.826826	0.934503	-1.07009	0.986897	0.994936	-1.00509	0.131369	1.65464	1.65464	0.334778	1.36008	1.36008	0.220248	1.48957	1.48957	0.621343	1.16642	1.16642	0.999935	1.00003	1.00003	0.939381	1.42212	1.34568	1
ug04927769	MIR548F3;NCTNA2	0.540659	0.42118	1.289795	-1.45072	0.123666	0.080992	-12.3445	0.133823	11.502	11.502	0.809402	1.49199	1.49199	0.700593	1.79027	1.79027	0.353232	0.236221	-4.23312	0.940707	1.11865	1.11865	0.978818	0.908774	-1.04083	0.958219	1.08217	1.08217	0.939376	33.8002	31.9836	1
ug00225316	ATN1;ATN1	0.540663	0.84116	1.1245	1.1245	0.210555	2.163777	2.163777	0.0619226	0.461975	1.43875	0.489831	1.50735	1.50735	0.592756	1.37121	1.37121	0.420643	1.56713	1.56713	0.423923	0.619674	-1.61375	0.497309	1.49623	1.49623	0.436294	1.59106	1.59106	0.939357	5.08724	4.81385	1
ug02062859	HMGB3	0.540664	0.140745	0.173633	-5.75928	0.669806	0.622517	-1.60638	0.709889	0.66172	-1.51121	0.225303	0.4845	0.4845	0.333177	3.01335	3.01335	0.220043	0.240993	-4.1495	0.855162	1.22374	1.22374	0.885588	1.17245	1.17245	0.767563	0.720713	-1.38751	0.939368	18.1658	17.1897	1
ug01546818	ELK3	0.540675	0.44873	1.21205	1.61997	1.61997	0.129247	1.184128	0.0124745	0.821974	1.64205	0.821974	0.475533	1.84109	0.495332	1.84109	0.495332	0.525761	1.64342	1.64342	0.299102	0.478015	1.84173	0.495332	1.64342	1.64342	0.299102	0.478015	1.34375	0.939353	6.98616	6.60222	1
ug01678790	1	0.540687	0.688969	0.764193	-1.30857	0.919403	1.06999	1.06999	0.0816136	0.275254	-3.63301	0.76662	1.22012	1.22012	0.885445	0.908138	-1.10115	0.557765	0.672841	-1.48623	0.581382	0.680192	-1.45097	0.178026	2.60293	2.60293	0.487521	1.60236	1.60236	0.939333	0.64688	6.28995	1
ug03644378	CYB5D1;LSMD1	0.540687	0.938917	1.00917	1.00917	0.529825	1.07873	1.07873	0.330992	1.12686	1.12686	0.945179	1.00822	1.00822	0.08333	1.25641	1.25641	0.483276	0.918664	-1.08854	0.400267	0.902557	-1.10796	0.360303	0.89406	-1.11849	0.924484	1.01135	1.01135	0.93933	0.230922	0.199596	1
ug12168806	RD1	0.540689	0.564686	1.27344	1.27344	0.603906	1.24273	1.24273	0.0438371	2.61669	2.61669	0.464442	1.36226	1.36226	0.374855	1.45962	1.45962	0.727299	0.864712	-1.15645	0.809586	1.05881	1.05881	0.480447	0.742451	-1.34689	0.534842	1.29818	1.29818	0.939327	2.56464	2.42693	1
ug07464125	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.54069	0.356236	0.727763	-1.37407	0.375949	0.737647	-1.35566	0.493654	0.792318	-1.26212	0.349965	0.724561	-1.38015	0.0472746	0.467598	-2.13859	0.430613	0.763836	-1.30918	0.585585	0.831619	-1.20247	0.568055	1.21318	1.21318	0.473981	0.783593	-1.27617	0.939325	1.66842	1.57883	1
ug03525893	GPI2;GPD2	0.540698	0.123337	1.89345	1.89345	0.580703	1.1296	1.23784	0.189578	1.70119	1.70119	0.670327	1.17625	1.17625	0.196453	0.559131	-1.68601	0.661747	0.845838	-1.18338	0.585142	1.2345	1.2345	0.996016	0.998092	-1.00191	0.730648	1.1413	1.1413	0.93911	2.17608	2.05927	1
ug00548893	TNXB	0.540704	0.366554	1.39062	1.3062	0.968108	0.10432	1.01432	0.495827	1.78195	1.78195	0.471344	1.26466	1.26466	0.212796	1.65725	1.65725	0.859167	1.16392	1.130187	0.559233	-1.78816	0.313366	1.44883	1.44883	0.475244	1.29446	1.29446	0.939216	0.96154	-1.04	0.258834	1.52025	1.48258	1.80886	1.77972	1
ug01270637	GABRA3;GABRA3	0.540708	0.203636	0.252826	-3.95529	0.698374	1.49043	1.49043	0.809361	1.28106	1.28106	0.111911	5.89467	5.89467	0.877165	1.17176	1.17176	0.182262	0.234393	-4.26634	0.867897	0.843161	-1.18601	0.752738	0.72334	-1.38248	0.932107	1.09125	1.09125	0.939295	15.6234	14.785	1
ug01330291	GFRA1;CIFA1;GFRA1	0.540722	0.641718	0.407208	1.28348	0.832744	0.6851	-1.4681	0.723399	0.524498	-1.90659	0.642888	0.428303	-2.33514	0.576464	0.358866	-2.78855	0.996002	0.99302	-1.00703	0.64058	2.30097	2.30097	0.28229	1.32097	1.32097	0.348242	87.0923	87.0923	0.939371	49.0569	46.4255	1
ug08141172	KIRREL2;KIRREL2;KIRREL2	0.540729	0.16636	2.0237	2.0237	0.243213	1.79196	1.79196	0.35761	1.57131	1.57131	0.659942	0.809367	-1.23553	0.821869	1.0729	1.0729	0.267817	1.73564	1.73564	0.152651	2.07868	2.07868	0.200164	1.90872	1.90872	0.862949	1.08603	1.08603	0.93926	3.39425	3.21222	1
ug10169166	FGFBP1	0.540732	0.279734	0.385895	-2.59138	0.280495	0.624246	1.60175	0.43977	1.32411	1.32411	0.120404	0.655042	-1.52652	0.138581	2.589655	-3.86152	0.402025	0.270434	-3.69805	0.0161	0.255473	-3.92561	0.121574	0.241181	-4.14426	0.423058	0.499887	-2.00045	0.939254	10.6911	10.1883	1
ug01587412	BBX;BBX	0.540738	0.553481	1.3378	1.3378	0.180346	0.509135	-1.96411	0.562398	1.32892	1.32892	0.385356	0.649151	-1.54047	0.862206	0.919113	1.08801	0.315898	1.65443	1.65443	0.312485	0.602142	-1.66074	0.546567	1.34479	1.34479	0.298827	1.6868	1.6868	0.939244	3.50657	3.31858	1
ug01589281	AP2A1	0.540739	0.64211	0.712721	-1.39417	0.585467	1.47851	1.47851	0.473347	1.67831	1.67831	0.821002	0.852909	-1.17246	0.302783	0.468658	-2.13175	0.246473	0.422953	-2.36433	0.0907588	0.266335	-3.75467	0.311396	0.475411	-2.10344	0.942535	1.05252	1.05252	0.939242	7.49859	7.09659	1
ug19414569	C1orf203	0.540743	0.277339	0.848386	-1.17871	0.0659697	1.35014	1.35014	0.361367	0.872362	-1.14631	0.781502	0.961003	-1.04058	0.741285	1.0494	1.0494	0.654342	1.06779	1.06779	0.608533	1.07808	1.07808	0.767998	0.957862	-1.04399	0.840279	1.0298	1.0298	0.939236	0.315062	0.298173	1
ug01184091	DOLPP1;DOLPP1	0.540745	0.454423	1.26288	1.26288	0.679882	0.880659	-1.13551	0.581369	1.0494	1.0494	1.1849	0.626241	1.59223	1.16223	0.779385	1.09246	1.09246	1.10046	1.10046	1.114376	1.048217	1.14819	1.60823	0.113476	0.990053	1.01241	1.01241	0.515252	0.817419	-1.22356	0.939234	1.59563	1.32082	1
ug01412907	TRIM46	0.540748	0.629453	1.24632	1.24632	0.254569	1.71392	1.71392	0.669698	1.22451	1.22451	0.149013	2.01553	2.01553	0.873933	1.07456	1.07456	0.453154	1.41356	1.41356	0.449511	1.41767	1.41767	0.803203	1.11073	1.11073	0.138691	0.48583	-2.05833	0.939228	1.05125	2.88772	1
ug01653967	SLC1A2	0.540748	0.970662	1.02091	1.02091	0.979323	0.98552	-1.01469	0.171017	0.440274	-2.27131	0.195313	2.16163	2.16163	0.844508	0.895374	-1.11685	0.655941	1.28707	1.28707	0.498902	1.47159	1.47159	0.122866	2.56204	2.56204	0.985816	1.01005	1.01005	0.939228	4.71167	4.45914	1
ug01585799	BEST3	0.540758	0.46858	1.75267	1.32881	0.834777	0.925197	-1.08085	0.0857808	1.32862	1.32862	0.227266	1.44754	1.44754	0.227266	1.50544	1.50544	0.791135	1.07158	1.07158	0.758438	1.13783	1.13783	0.499755	1.30206	1.30206	0.777671	0.896233	1.11578	0.939208	1.28912	1.28912	1
ug01474840	PCGF6;PCGF6	0.540762	0.321376	0.784191	-1.27512	0.363464	1.2481	1.2481	0.499938	0.850026	-1.17643	0.425606	1.21295	1.21295	0.733463	1.08449	1.08449	0.542763	1.15742	1.15742	0.709983	1.5856	1.5856	0.363665	0.901323	-1.10948	0.88748	1.03417	1.03417	0.939204	0.837549	0.79268	1
ug02479100	LYRM4;FAR52;LYRM4;LYRM4	0.540769	0.776084	1.08243	1.08243	0.57755	0.81357	1.18357	0.760562	1.08132	1.08132	0.514952	1.38132	1.38132	0.709422	1.08116	1.08116	0.935264	0.9109	1.0285	0.826001	1.31151	1.31151	0.593889	1.18859	1.18859	0.556336	1.16025	1.16025	0.939197	1.08893	1.08893	1
ug02392150	PODN	0.540771	0.323376	1.24358	1.24358	0.433835	1.18611	1.18611	0.750029	1.0707	1.0707	0.731861	1.07628	1.07628	0.973049	1.00725	1.00725	0.826665	1.04799	1.04799	0.270281	1.27804	1.27804	0.0991499	1.4716	1.4716	0.217259	0.757719	-1.31975	0.939188	0.67943	0.643042	1
ug03636190	WDR88	0.540772	0.336486	2.98554	2.98554	0.260285	1.65456	1.65456	0.756376	0.709727	-1.40985	0.524684	2.03707	2.03707	0.436357	2.40229	2.40229	0.306058	0.310477	-3.22085	0.345675	2.92099	2.92099	0.558452	5.02049	-1.92153	0.265954	1.278207	-1.59445	0.939187	18.12	17.1496	1
ug00841985	ANKRD28	0.540774	0.391481	1.78112	1.78112	0.0722706	1.80125	1.80125	0.482823	1.32401	1.32401	0.130473	1.52482	1.52482	0.605845	1.41797	1.41797	?	?	?	0.0693181	2.25334	2.25334	0.880516	1.06194	1.06194	0.846697	1.08041	1.08041	0.942025	2.08059	2.24768	1
ug01009930	SLC25A33	0.540776	0.629212	0.942087	-1.06147	0.0462791	0.755821	-1.32307	0.629856	0.942194	-1.06135	0.638719	0.950208	-1.0524	0.486883	1.09048	1.09048	0.632243	0.942591	-1.06091	0.303692	0.877545	-1.13954	0.674349	0.9405	-1.05319	0.5822	1.07051	1.07051	0.939182	0.223649	0.211672	1
ug01630838	SNX25	0.540788	0.141698	2.81037	2.81037	0.0184109	1.07054	1.07054	0.0482665	1.60949	1.60949	0.682562	1.95572	1.95572	0.0239728	2.52448	2.52448	0.154535	0.428303	-2.33514	0.0178834	0.576464	0.576464	0.144155	1.72321	1.72321	0.378837	1.11567	1.11567	0.115452	0.98326	1.08316	0.939177	0.263302	0.240289	1
ug01843304	PTPRO;PTPRO	0.540791	0.38762	1.34813	1.34813	0.858308	0.939673	-1.0642	0.979345	1.00877	1.00877	0.636229	1.17436	1.17436	0.361804	1.37192	1.37192	0.315243	1.4195	1.4195	0.0426221	2.19748	2.19748	0.422609	1.31826	1.31826	0.791311	0.914424	-1.09358	0.939156	1.6926	1.60201	1
ug04872123	TNXB	0.540801	0.0621289	1.8197	1.8197	0.742246	1.09865	1.09865	0.443218	0.800229	-1.24964	0.240636	0.704551	-1.41934	0.850476	0.947625	-1.05527	0.920687	0.972009	-1.0288	0.946723	1.01923	1.01923	0.806732	1.07237	1.07237	0.508838	1.21504	1.21504	0.939138	1.20868	1.14401	1
ug01155934	SHANK2;SHANK2	0.540805	0.0649473	2.54883	2.54883	0.0798802	0.93791	-1.07309	?	?	?	?	0.955572	1.04712	0.907007	1.10357	1.10357	0.53888	1.85445	1.85445	0.0276763	1.0355	1.0355	0.944199	0.527242	1.52546	0.961071	1.04055	1.04055	0.939133	1.72721	1.60727	1
ug06137672	IDH3G;SSR4;IDH3G	0.540806	0.142763	0.205585	-4.86416	0.213039	0.267956	-3.73196	0.868057	0.846238	-1.18171	0.396427	0.39186	2.39186	0.985424	1.01852	1.01852	0.306939	0.345719	-2.89253	0.146629	0.209184	-4.78048	0.242603	0.625518	-1.59868	0.868582	0.846797	-1.18092	0.939131	14.9994	14.197	1
ug00904615	FCN3	0.540842	0.34434	1.25084	1.25084	0.4	0.73673	-1.35773	0.475994	1.2339	1.2339	0.441194	1.581	1.581	0.435441	1.82607	1.82607	0.429759	0.941194	1.062	0.945341	1.08297	1.08297	0.0006754	1.48225	1.48225	0.0488255	1.01897	1.01897	0.3237	1.34317	1.33483	1.33522	1.33522	0.939126	0.139152	0.11692	1
ug02286376	BTBD2	0.540811	0.264128	0.68122	-1.46795	0.845989	1.06623	1.06623	0.454752	0.77794	-1.28545	0.576394	1.20458	1.20458	0.279313	0.690085	-1.4491	0.0625772	0.50101	-1.99597	0.858091	1.0608	1.0608	0.531748	0.811479	-1.23232	0.505951	1.8004554	-1.24929	0.939122	1.61769	1.53116	1
ug05937243	CAMK2G;C5orf47	0.540813	0.204061	0.479551	-2.15262	0.165646	1.71734	1.71734	0.75882	0.855961	-1.2255	0.306959	0.551582	-1.81753	0.647853	1.54351	1.54351	0.458209	0.653872	-1.52955	0.0185934	0.640175	0.640175	0.156251	1.56225	1.56225	0.0238961	1.08061	1.08061	0.939112	4.70089	4.44514	1
ug08830105	RAB11FIP3;RAB11FIP3	0.540867	0.250967	0.68561	-1.45634	0.6587	1.32593	1.32593	0.13218	2.75238	2.75238	0.659634	1.31807	1.31807	0.0393197	0.781215	1.28006	0.775192	0.826335	-1.21053	0.250067	0.478254	0.478254	-2.11482	0.201684	3.3166	3.3166	0.0461487	1.53808	1.53808	0.939098	5.77483	5.46607	1
ug01795199	FGFR3;FGFR3;FGFR3	0.540826	0.217474	1.46112	1.46112	0.328323	1.34296	1.34296	0.812918	0.933056	-1.07175	0.334541	1.33759	1.33759	0.70992	0.896552	-1.11538	0.287788	1.38065	1.38065	0.657224	1.13943	1.13943	0.159311	1.55205	1.55205	0.365051	0.761848	-1.3126	0.939097	1.27041	1.20249	1
ug04630208	RAB11B	0.540827	0.309474	1.32078	1.32078	0.460796	0.90478	-1.10509	0.812117	1.04334	1.04334	0.979068	1.06123	1.06123	0.218199	1.30273	1.30273	0.387432	1.14319	1.14319	0.447705	1.70732	1.70732	0.457779	1.32006	1.32006	0.776571	0.896233	1.11578	0.939092	0.81055	0.74349	1
ug02326511	IFT140	0.540832	0.296799	0.83325	-1.20012	0.814388	0.961115	-1.04046	0.0795421	1.38845	1.38845	0.444944	1.14033	1.14033	0.867555	0.972245	-1.02855	0.796937	0.957447	-1.04444	0.54128	1.10092	1.10092	0.736775	0.946496	-1.05854	0.281702	1.20764	1.20764	0.939087	4.422988	4.040378	1
ug01278657	CDX1;CDX1;CUTC	0.540834	0.200815	1.12312	1.32312	0.323007	2.23429	1.12429	0.241726	1.28926	1.28926	0.525136	0.875034	-1.14284	0.665471	1.09439	1.09439	0.480248	0.861734	-1.16045	0.275711	0.790485	-1.26505	0.661615	0.912727	-1.09562	0.539217	1.13757	1.13757	0.939084	0.919408	0.825231	1
ug01750363	TRNK	0.540836	0.0542634	0.195286	-5.12092	0.806813	0.832599	-1.20148	0.0554	1.55184	1.55184	0.390725	0.518084	-1.93019	0.121343	0.284809	-3.51113	0.474432	0.580453	-1.72279	0.151115	0.845435	-1.18282	0.768874	0.980249	-1.2465	0.449252	1.56181	1.56181	0.939084	1.37994	0.939081	8.31606	7.87158	1
ug08316945	SEC24A	0.54086	0.576677	0.891672	-1.12149	0.734078	0.933028	-1.07178	0.113748	1.41884	1.41884	0.935642	0.983716	-1.01655	0.876674	1.03208	1.03208	0.65929	0.913745	-1.09441	0.319822	0.811397	-1.23244	0.470949	0.861485	-1.16079	0.189846	1.32618	1.32618	0.93904	0.6147	0.58187	1
ug01946449	SYT13	0.540851	0.568073	1.75993	1.75993	0.955415	0.945145	-1.05682	0.251053	0.631326	-1.58359	0.176325	1.38531	1.38531	0.355335	0.833033	-1.20033	0.463693	1.1586	1.1586	0.863255	1.07564	1.07564	0.741315	0.818114	1.04412	1.04412	0.223123	0.528351	1.71353	0.939067	1.04215	0.94159	0.90219	1
ug03700679	TTC30B	0.540871	0.634846	1.09908	1.09908	0.111555	0.710187	-1.40808	0.877926	0.970105	-1.03082	0.863607	1.03453	1.03453	0.800889	1.05117	1.05117	0.999305	0.999828	-1.00017	0.950118	0.987738	-1.01241	0.450375	0.859103	-1.16401	0.102149	1.42368	1.42368	0.939022	0.579875	0.548916	1
ug01272469	AKLAA1	0.540873	0.53147	0.862375	-1.15959	0.188354	1.38485	1.38485	0.518763	1.16509	1.16509	0.332808	0.786932	-1.27076	0.682866	1.0057	1.0057	0.644848	0.89593	-1.11616	0.187634	0.721672	-1.38567	0.697681	0.912846	-1.09547	0.707757	1.23948	1.23948	0.939002	0.811474	0.768168	1
ug08589214	CAPN10;CAPN10;CAPN10	0.540887	0.451606	1.55136	1.55136	0.0719351	1.15899	1.15899	0.170889	2.3046	2.3046	0.539302	1.42742	1.42742	0.455556	0.647157	1.54522	0.889832	0.92371	-1.08259	0.483853	1.5029	1.5029	0.422621	1.59839	1.59839	0.687304	1.26073	1.26073	0.938996	4.87575	4.61557	1
ug12105671	CLEC4GP1 /// BDNF;BDNF;BDNF;BDNF;BDNF;B DNF;BDNF;BDNF;BDNF;BDNF;BDNF;BD	0.540887	0.337118	0.539175	-1.85469	0.343145	1.83968	1.83968	0.937112	0.951938	-1.05049	0.266334	0.485333	-2.06044	0.130731	0.361087	-2.76942	0.356288	0.553088	-1.80803	0.202318	0.431607	-2.31692	0.488963	0.644827	-1.5508	0.863398	0.898087	-1.11348	0.938995	5.79418	5.485	1
ug23619332	NF;BDNF;BDNF;BDNF	0.54088	0.957058	1.0079	1.0079	0.473743	1.11236	1.11236	0.282881	1.17482	1.17482	0.930031	1.01292	1.01292	0.198218	1.21986	1.21986	0.257454	1.18853	1.18853	0.896187	1.01926	1.01926	0.850011	0.972712	-1.02805	0.0602504	1.36304	1.36304	0.93898	0.317637	0.30069	1
ug03823431	SLC38A10;SLC38A10	0.540893	0.175	0.552142	-1.81113	0.5484	0.778757	-1.2841	0.962102	0.980625	-1.01976	0.977437	1.01171	1.01171	0.162853	0.541513	-1.84668	0.266635	0.620917	-1.61052	0.115943	0.494835	-2.02088	0.246134	0.606878	-1.64778	0.984477	0.992021	-1.00804	0.938984	2.52132	2.38681	1
ug00332305	TIAM2	0.540896	0.817845	1.31013	1.31013	0.461816	0.415982	-2.40395	0.364617	2.96382	2.96382	0.176516	0.178713	-5.59568	0.637594	1.74203	1.74203	0.58961	1.80197	1.80197	0.320917	1.32271	1.32271	0.534972	2.08693	2.08693	0.235454	2.03194	-4.28827	0.938908	20.3881	19.3005	1
ug05764270	TSKU	0.540905	0.600703	1.50845	1.50845	0.0384261	0.747452	1.35568	0.667868	0.840483	-1.44857	0.911791	0.952677	-1.04967	0.903299	1.00528	1.00528	0.409764	1.24616	1.24616	0.443315	0.721386	-1.38622	0.371226	0.660204	-1.49431	0.75097	0.873017	-1.14545	0.938964	2.84612	2.69434	1
ug00932276	EGFL6;EGFL6;EGFL6;EGFL6	0.540909	0.175076	0.401913	-2.4881	0.782035	0.839212	-1.19159	0.545036	0.678995	-1.47276	0.611960	1.3817	1.3817	0.679772	0.769253	-1.29996	0.138323	0.364768	-2.74147	0.688232	0.914957	-1.09295	0.183867	2.43772	2.43772	0.967569	0.974631	-1.02603	0.938958	5.94046	5.62369	1
ug23426958	KBTBD11	0.540917	0.281396	0.183522	-5.44765	0.166134	1.15475	1.15475	0.348393	0.866312	-1.15475	0.348393	0.257198	-3.88806	0.340907	0.431226	-2.31897	0.447827	0.555072	-1.80152	0.29312	0.561599	0.561599	0.609266	1.65231	1.65231	0.378973	1.58469	1.58469	0.938936	-1.41255	0.938971	10.3152	9.8911	1
ug16037560	PIK3CD	0.54092	0.937039	1.03347	1.03347	0.0300227	0.345174	-2.89709	0.888329	1.03053	1.03053	0.762651	1.13454	1.13454	0.814403	0.906498	-1.10315	0.504282	1.32632	1.32632	0.999789	0.99089	-1.00011	0.624631	0.814223	-1.22816	0.982252	0.990772	-1.00931	0.938926	2.58285	2.44521	1
ug08536561	ABCC11;ABCC11;ABCC11	0.54093	0.325302	0.803577	-1.24444	0.893702	0.971626	-1.0292	0.540318	0.875052	-1.14279	0.839438	1.04465	1.04465	0.673559	0.918261	-1.09552	0.0950818	1.48424	1.48424	0.225944	1.31492	1.31492	0.49233	0.856527	-1.16751	0.991798	0.997789	-1.00222	0.938923	0.689347	0.652612	1
ug02401912	STK11	0.540934	0.519437	1.09475	1.10082	0.322197	0.606126	-1.6524	0.258079	0.840853	-1.18927

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg18860812	PPP2R2C	0.541383	0.971729	0.987879	-1.01237	0.768614	1.10585	1.10585	0.27013	1.48461	1.48461	0.606822	1.195558	1.195558	0.266052	1.671116	-1.49006	0.756625	1.11291	1.113291	0.181009	0.613404	-1.63025	0.393534	0.740251	-1.54156	0.938166	1.75959	1.66717	1
gb65337333	KIAA0182	0.541384	0.20408	0.44515	-2.24643	0.185622	2.33386	2.33386	0.862499	1.11035	1.11035	0.494155	0.657535	-1.52083	0.661334	1.305	1.305	0.96664	0.975062	-1.02558	0.307111	0.528122	-1.8935	0.252551	0.485935	-2.05789	0.426236	0.612265	-1.63268	0.185165	5.417885	5.13328	1
gb04700060	ZNF280C	0.541389	0.262467	0.354457	-2.82122	0.567959	1.66925	1.66925	0.353507	0.428519	-2.33362	0.518011	1.78917	1.78917	0.812631	1.23465	1.23465	0.07271	0.169098	-5.91373	0.631285	0.651005	-1.53609	0.997959	1.00227	1.00227	0.655221	1.49027	1.49027	0.938156	1.70785	11.01936	1
gb10421192	CTAGE1 RUNX2;RUNX2;SUPT3H;SUPT3H;SUPT3	0.541389	0.749924	0.923282	-1.08309	0.888077	1.035401	1.035401	0.167381	0.592704	-1.44362	0.871067	1.04138	1.04138	0.191957	1.41161	1.41161	0.227221	1.37222	1.372221	0.292169	0.763251	-1.31363	0.738133	0.990161	-1.08736	0.934588	1.0207	1.0207	0.938156	0.925682	0.87707	1
gb00631702	H	0.54139	0.736619	0.931338	-1.07372	0.632108	0.903351	-1.10699	0.37338	0.824845	-1.21235	0.166898	0.733057	-1.36415	0.34972	0.816405	-1.22488	0.340968	0.814302	-1.22805	0.686285	0.671312	-1.48962	0.164562	0.731632	-1.36681	0.26814	0.784225	-1.27514	0.938154	0.65978	0.625133	1
gb00349573	PLD5	0.54139	0.657487	1.3677	1.3677	0.467561	1.67985	1.67985	0.0764727	3.98634	3.98634	0.602444	1.44597	1.44597	0.563505	1.50652	1.50652	0.800991	0.837582	-1.19391	0.533377	1.55687	1.55687	0.187826	0.375536	-2.66286	0.60508	1.44203	1.44203	0.938154	7.31642	6.932222	1
gb02708956	HDAC4	0.541402	0.363862	0.639971	-1.56257	0.139634	0.467525	-2.13892	0.526025	0.735434	-1.35978	0.600395	1.28764	1.28764	0.099166	0.42123	-2.37389	0.906006	1.05813	1.058131	0.21473	0.53542	-1.86763	0.587975	0.76978	-1.29906	0.79055	0.880449	-1.13578	0.938133	3.39922	3.22079	1
gb25070803	C5orf41;C5orf41;C5orf41	0.541416	0.62762	1.08517	1.08517	0.790038	0.95636	-1.04563	0.385914	1.15884	1.15884	0.651123	0.926708	-1.07909	0.645048	0.925373	-1.08065	0.998014	1.00023	1.000223	0.892025	0.673147	-1.48599	0.874198	1.04021	1.04021	0.81854	1.03917	1.03917	0.98131	0.445883	0.393589	1
gb14482811	LCN8	0.541422	0.832758	0.867797	-1.15234	0.632314	0.723791	-1.38161	0.172529	2.64734	2.64734	0.921494	0.936036	-1.06834	0.322609	0.504026	-1.98402	0.225647	0.426027	-2.34727	0.298056	0.485131	-2.0613	0.602777	0.703228	-1.42201	0.349201	1.90832	1.90832	0.9381	6.68071	6.33025	1
gb25649000	PTPRT;PTPRT	0.541427	0.103173	0.616198	-1.62285	0.023574	0.188562	1.688362	1.06823	1.06823	1.068823	0.349667	0.995904	1.004101	0.834827	1.47016	1.47016	0.902457	0.96725	-1.03386	0.777066	0.929953	-1.07566	0.938092	1.0961	1.0961	0.93861	1.21317	1.21317	0.788776	0.929663	-1.07566	0.938092	1.0961	0.93861	1.21317	0.788776	0.929663	-1.07566	0.938092	1.0961	1
gb21593552	HTATSF1;HTATSF1;HTATSF1	0.541438	0.160875	0.279411	-3.57896	0.24566	0.355664	-2.81164	0.645121	0.673804	-1.48411	0.265082	0.668808	0.268808	0.739052	1.32925	1.32925	0.149584	0.268369	-3.72621	0.811893	0.816299	-1.22504	0.999265	1.00078	1.00078	0.777318	0.785531	-1.27302	0.938074	10.7686	10.204	1
gb27628340	TG	0.541443	0.824444	1.23788	1.23788	0.144184	4.512584	4.512584	0.152056	2.607625	0.499871	-2.00052	0.728684	0.751732	-1.33972	0.629565	1.5949	1.5949	0.523742	1.86296	1.862396	0.0902415	6.0088	6.0088	6.00401	2.49901	2.49901	0.835812	0.819279	-1.22059	0.938066	13.7651	12.9875	1
gb10622068	TACC2;TACC2	0.541444	0.767049	0.937165	-1.06705	0.636756	0.901301	-1.10951	0.524363	0.868542	-1.15135	0.958497	1.01141	1.01143	0.938192	0.983201	-1.01709	0.487174	1.16674	1.16674	0.0515622	1.62269	1.62269	0.39895	0.828079	-1.20761	0.574628	1.13188	1.13188	0.938063	0.708998	0.671831	1
gb23229091	TNK8	0.541456	0.269561	0.643838	-1.55318	0.30868	0.667985	-1.49704	0.989171	0.994816	-1.00521	0.747338	0.883571	-1.13177	0.049034	0.422916	-2.36453	0.658369	0.843316	-1.1858	0.460818	0.750107	-1.33314	0.638705	0.19854	1.98514	0.36312	0.699115	-1.43038	0.938043	2.17884	2.06467	1
gb19920440	FSMA4;FSMA4;PSMA4	0.541469	0.311663	0.430615	-2.32256	0.897178	1.50968	1.50968	0.353052	2.345651	2.345651	0.204876	0.340685	-2.93527	0.24351	0.704876	-1.41903	0.703011	0.734059	-1.36218	0.349067	0.460963	-2.16937	0.515545	1.60797	1.60797	0.353427	2.15669	2.15669	0.928349	8.15466	7.512026	1
gb01264826	CTDSP1;CTDSP1	0.541470	0.377584	0.806061	-1.2406	0.638403	0.893405	-1.11931	0.29225	1.2972	1.2972	0.29502	0.772124	-1.29513	0.858693	0.95845	-1.04335	0.909723	0.973351	-1.02738	0.572662	0.879064	-1.14539	0.926156	1.02232	1.02232	0.060414	0.609154	-1.64162	0.938021	0.842441	0.798315	1
gb19160353	KLF6;KLF6;KLF6;KLF6	0.541471	0.234812	0.625946	-1.53152	0.538147	0.807861	-1.23784	0.873425	0.946889	-1.05609	0.805815	0.919147	-1.08796	0.083119	0.518546	-1.92847	0.589311	1.20509	1.20509	0.762019	1.10956	1.10956	0.31705	1.42482	1.42482	0.680078	1.1525	1.1525	0.938018	1.7407	1.64953	1
gb02351223	ARFGAP3;ARFGAP3;ARFGAP3;ARFGAP3	0.541474	?	?	?	0.12587	0.448237	-2.23096	0.589947	1.29793	1.29793	0.428499	1.47416	1.47416	0.248976	0.559532	-1.78721	0.596556	0.774105	-1.29181	0.307425	0.601487	-1.66255	0.877815	0.929005	-1.07642	0.773886	1.14789	1.14789	0.935892	2.95453	2.7623	1
gb06601473	C11orf41	0.541482	0.41978	1.1827	1.1827	0.170555	1.01245	1.01245	0.345729	0.82064	-1.21856	0.898484	0.974554	-1.02613	0.482178	1.00112	0.882178	1.00112	0.489124	1.00112	0.611582	1.834852	-1.24246	0.754123	0.875161	-1.14265	0.488829	1.14774	1.14774	0.934899	2.675552	2.53374	1
gb14167982	ATG2A	0.54149	0.09868633	2.23828	2.23828	0.919684	1.0459	1.0459	0.290302	0.162961	1.62961	0.960483	0.949051	-1.05368	0.972504	0.603349	-1.65741	0.731055	1.16594	1.16594	0.377831	1.49577	0.293356	1.62422	1.62422	0.82505	0.906184	-1.10353	0.937987	2.94137	2.78741	1
gb26788802	HS2ST1;CRC50;HS2ST1	0.541491	0.504489	0.821281	-1.21745	0.147543	0.920069	1.08159	0.655464	1.15738	1.15738	0.163541	1.35513	1.35513	0.840101	0.936369	-1.06796	0.755266	0.842747	-1.18712	0.184163	0.632246	-1.58166	0.707202	0.637706	-1.56797	0.703842	0.803825	-1.24405	0.937985	1.57342	1.49106	1
gb12718298	ZNF34	0.541495	0.79048	0.920924	-1.08587	0.58174	0.841887	-1.18781	0.745317	0.904089	-1.10609	0.318375	0.726848	-1.3758	0.041933	0.484213	2.0652	0.703247	0.888338	-1.1257	0.71318	1.13099	1.12099	0.474623	1.25224	1.25224	0.878849	1.04832	1.04832	0.937979	1.4217	1.34729	1
gb13016916	CKEBL2	0.541496	0.764357	0.763504	-1.30975	0.0469832	0.130155	-7.68313	0.207365	0.994816	-1.00618	0.631115	0.649681	-1.43701	0.263004	0.688608	2.908502	0.368206	0.27584	-3.62707	0.179376	0.404099	-2.47464	0.881268	1.14343	1.14343	0.337407	0.819477	0.819477	0.938055	0.786231	0.731457	1
gb03676598	SIX2	0.541501	0.300987	0.455016	-2.19722	0.400077	0.616327	1.05293	0.305293	0.722717	0.788001	-1.26844	0.729	0.729	0.977884	1.0229	1.0229	0.135782	0.522176	-1.91506	0.256613	0.163754	3.77903	3.77903	0.9992	0.999181	0.99228	0.937918	0.937918	0.93924	1.18564	1.01256	1
gb26293830	C11orf80	0.541516	0.96012	0.979993	-1.02042	0.332727	0.667733	-1.4976	0.210717	1.70409	1.70409	0.834196	0.918769	-1.08841	0.66996	1.1892	1.1892	0.135782	0.522176	-1.91506	0.256613	1.63178	1.63178	0.667233	0.839603	-1.19104	0.967299	1.01671	1.01671	0.937943	2.42673	2.29981	1
gb19345596	PDE2A;PDE2A;PDE2A;PDE2A	0.541524	0.692586	1.24348	1.24348	0.176533	0.454821	-1.29867	0.307257	0.550954	-1.94154	0.501825	1.49134	1.49134	0.46328	0.844796	1.1426	1.1426	1.1426	0.475115	1.48927	1.48927	0.400325	1.48411	1.48411	0.446759	1.53001	1.53001	0.937943	1.48411	0.446759	1.53001	0.937943	4.4674	4.23381	1
gb22854591	JMJD1C	0.541524	0.824474	0.821719	-1.21696	0.280479	1.69565	1.69565	0.100879	4.89537	4.89537	0.773741	1.2902	1.2902	0.324133	0.406521	-2.4599	0.708654	0.717634	-1.39347	0.487007	0.573568	-1.86686	0.436537	0.21703	2.01703	0.59754	0.624411	1.60151	0.937931	11.6069	11	1
gb09181738	C21orf91;C21orf91;C21orf91	0.541531	0.562309	0.672262	-1.48752	0.202097	0.401328	-2.49173	0.200604	0.399978	-2.50014	0.401638	1.7894	1.7894	0.67559	1.33016	1.33016	0.869558	0.894574	-1.11785	0.782827	0.829198	-1.20598	0.187061	2.58035	2.58035	0.572864	0.679632	-1.47138	0.937919	6.8255	6.46869	1
gb18033335	YIPF2	0.541542	0.702686	1.42338	1.42338	0.104464	0.052272	2.4078	0.0276	2.30507	-1.82419	0.837403	1.19112	1.19112	0.682178	1.19099	1.19099	0.214564	0.689124	1.45052	0.211833	0.120315	2.04947	0.488124	2.04947	0.754123	0.875161	-1.14265	0.488829	1.14774	1.14774	0.934899	2.675552	2.53374	1
gb24696067	MAD1L1;MAD1L1;MAD1L1	0.541569	0.887367	1.10139	1.10139	0.262194	2.12819	2.12819	0.25103	0.641632	-2.26433	0.137906	0.336662	-2.97034	0.869494	1.11862	1.11862	0.283967	2.13513	2.13513	0.639367	1.37935	1.37935	0.719299	0.781972	-1.27882	0.696992	0.765937	-1.30559	0.937856	0.867624	0.6375	1
gb13335709	INPP5A	0.541572	0.095824072	0.621381	-1.60901	0.147543	0.920069	1.08159	0.655464	1.15738	1.15738	0.163541	1.35513	1.35513	0.840101	0.936369	-1.06796	0.755266	0.842747	-1.18712	0.184163	0.632246	-1.58166	0.707202	0.637706	-1.56797	0.703842	0.803825	-1.24405	0.937985	1.57342	1.49106	1
gb10930280	LOC645323	0.541576	0.701518	1.08652	1.08652	0.885431	1.03155	1.03155	0.531224	0.872268	-1.14644	0.714082	0.923776	-1.08251	0.590633	1.12413	1.12413	0.216026	1.32384	1.32384	0.0703436	1.54627	1.54627	0.886415	1.03127	1.03127	0.404447	1.8320981	1.83209	0.937974	1.6895568	0.653573	1
gb10345337	MAX;MAX;MAX;MAX;MAX;MAX	0.541584	0.542079	1.59291	1.59291	0.716258	0.759293	-1.31702	0.370668	2.00068	2.00068	0.18702	0.348175	-2.87212	?	?	?	0.967728	1.03099	1.03099	0.324849	2.15325	2.15325	0.741318	0.778874	-1.2839	0.197996	0.358293	-2.79101	0.926443	7.42408	8.0118	1
gb00397673	RAX	0.541586	0.886681	1.07498	1.07498	0.398757	0.89516	-1.11712	0.594344	1.07134	1.07134	0.394256	1.11698	1.11698	0.935059	0.989607	-1.0105	0.108891	1.25173	1.25173	0.153182	0.824144	-1.21338	0.920707	1.01285	1.01285	0.995081	1.00079	1.00079	0.937826	0.244102	0.231364	1
gb10002561	CCNA2;CCNA2	0.541593	?	?	?	0.785711	1.1878	1.1878	?	?	?	0.284932	2.0506	2.0506	?	?	?	?	?	?	0.393715	1.75002	1.75002	0.208717	2.37602	2.37602	0.86832	2.23003	3.21026	1
gb07208300	RCBTB2	0.541591	0.341591	0.394504	-2.53483	0.869163	1.10188	1.10188	0.701308	1.25457	1.25457	0.775322	1.18341	1.18341	0.425244	0.619298	-1.61473	0.416997	1.62926	-1.62926	0.296054	0.638551	-1.89197	0.188969	0.397174	-2.55288	0.819883	0.874406	-1.14363	0.937804	0.514351	0.47523	1
gb13306784	INPP5E	0.541607	0.266785	0.749544	-1.33414	0.457156	1.20765	1.20765	0.492806	1.1886	1.1886	0.171685	0.695889	-1.43701	0.233632	0.732605	-1.36499	0.921507	0.957541	-1.02486	0.713907	0.912334	-1.09609	0.2133	0.721401	-1.38619	0.456104	0.827676	1.2082	0.937791	0.922154	0.874067	1
gb00168785	WDSUB1;WDSUB1;WDSUB1	0.541612	0.783037	1.08251	1.08251	0.111536	1.64511	1.64511	0.498651	1.21808	1.21808	0.648289	1.14099	1.14099	0.370949	1.30195	1.30195	0.763742	1.09044	1.09044	0.349734	0.758463	-1.31846	0.278091	0.723298	-1.38256	0.536272	0.835377	-1.19706	0.937783	1.32517	1.16129	1
gb14516414	ZYG11B	0.541614	0.597152	1.09983	1.09983	0.319854	0.729329	1.37129	0.729329	0.729329	1.37129	0.729329	1.37129	1.37129	0.729329	1.33889	0.990324	0.00768	1.48319	0.674215	0.985311

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1112 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1128 vs. N)	Fold-Change(1128 vs. N)	Ratio(1221 vs. N)	Fold-Change(1221 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Ratio(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Ratio(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg10413342	MRPL21;IGHMBP2;MRPL21	0.542276	0.941514	1.00363	0.010903	0.916627	1.02727	1.02727	0.115975	1.55116	1.55116	0.370745	1.26054	1.26054	0.534416	1.0148	1.0148	0.871533	0.959267	-1.04246	0.07222361	1.67453	1.67453	0.591557	0.870366	-1.14934	0.978261	1.00703	1.030675	0.976532	0.92656	1
cg22927957	STAMBP;STAMBP;STAMBP	0.542279	0.350435	0.874717	-1.14323	1.02008	1.26472	1.26472	0.751772	0.956768	-1.04519	0.804949	0.966127	-1.03506	0.870318	1.02302	1.02302	0.695043	0.946607	-1.0564	0.431431	1.11833	1.11833	0.66326	1.64	1.07109	1.07109	0.170415	0.816006	-1.22568	0.936669	0.287752	0.273074	1
cg20608100	LRFN1 NUDT22;TRPT1;TRPT1;TRPT1;NUDT22;TRPT1;TRPT1;NUDT22;TRPT1;TRPT1;TRPT1;TR	0.542281	0.914474	1.03222	1.03222	0.808869	0.928122	-1.07744	0.21539	1.46941	1.46941	0.479195	0.808713	-1.23653	0.6634604	0.540132	-1.8514	0.6717	0.881775	-1.13408	0.641373	0.870709	-1.14849	0.760423	1.09446	1.09446	0.682837	1.12891	1.12891	0.936666	1.29223	1.22631	1
cg06947208	PTL;TRPT1;TRPT1;TRPT1	0.542288	0.505079	1.20046	1.20046	0.896396	1.03582	1.03582	0.159403	1.50111	1.50111	0.637055	0.879514	-1.13699	0.340772	0.767054	-1.30369	0.31875	0.757032	-1.32096	0.287052	0.741837	-1.34801	0.507734	1.19905	1.19905	0.500744	1.202756	1.202076	0.936654	1.08254	1.02734	1
cg17218041	ATP11A;ATP11A	0.542294	0.767486	0.861222	-1.16114	0.343607	1.63495	1.63495	0.269714	0.560371	-1.78453	0.704166	0.825119	-1.21195	0.421484	0.66114	-1.51254	0.707281	1.20935	1.20935	0.0821707	0.378938	-2.63895	0.553598	1.3525	1.3525	0.592072	0.76143	-1.31332	0.936643	3.76666	3.57462	1
cg19517279	MANEA	0.542295	0.748735	0.774008	-1.29201	0.407955	0.817988	1.22352	0.405553	0.788393	-1.2684	0.157476	0.65551	-1.52553	0.368887	0.77227	-1.29455	0.667412	0.886238	-1.1288	0.6977344	0.896556	-1.11534	0.201622	1.45754	1.45754	0.691954	1.11769	1.11769	0.936641	1.15801	1.08898	1
cg10421300	RAB9B;RAB9B	0.542296	0.261239	0.251766	-3.97196	0.500786	2.23547	2.23547	0.926718	0.897364	-1.11438	0.120078	2.2797	2.2797	0.203703	1.77013	1.77013	0.469741	0.42073	-2.37682	0.230869	0.227739	-4.39039	0.912399	1.13831	1.13831	0.769379	0.70745	-1.41353	0.936641	21.55771	19.5091	1
cg23141483	RORC;RORC;RORC	0.542296	0.123817	0.412793	-2.42252	0.835774	0.895657	-1.1165	0.774031	0.858286	-1.16551	0.765782	0.853342	-1.17186	0.0750777	0.349141	-2.86417	0.230978	0.513219	-1.94849	0.373591	0.615772	-1.62398	0.265667	0.540227	-1.85107	0.665317	0.793701	-1.25992	0.936641	4.18062	3.96749	1
cg02502077	OLIG3	0.542323	0.543373	0.852025	0.172234	0.34266	1.85357	0.490695	0.592831	1.68682	0.18976	0.592831	1.68682	0.18976	0.592831	1.68682	0.18976	0.260012	0.415901	-2.40442	0.606644	0.714161	-1.40565	0.597633	1.67326	1.35656	0.665197	1.38428	1.38428	0.936634	8.27454	7.85374	1
cg13566059	TPD52L1	0.542314	0.950633	0.977318	-1.02321	0.788428	0.900521	-1.11047	0.710501	0.864808	-1.15633	0.783792	1.1131	1.1131	0.578579	0.639155	-1.56423	0.704117	1.19502	1.19502	0.213862	0.139015	0.553737	-1.8771	0.956577	1.02144	1.02144	0.936661	2.25123	2.13653	1
cg10905023	TRIM27	0.542315	0.101316	0.750865	-1.33181	0.855666	0.970596	-1.03035	0.5993	0.916813	-1.08836	0.326529	1.1756	1.1756	0.312344	0.944816	-1.05841	0.866104	0.974039	-1.02732	0.71161	0.942459	-1.0611	0.421289	1.1402	1.1402	0.2379578	1.224515	1.224515	0.936606	0.378359	0.359083	1
cg10593229	ZNF92;ZNF92	0.542316	0.0745053	0.815615	-1.22607	0.934393	1.08448	1.08448	0.604897	0.947872	-1.05499	0.553956	1.06333	1.06333	0.887527	0.985589	-1.01462	0.59059	0.945815	-1.05729	0.189447	1.15324	1.15324	0.646842	0.953784	-1.04846	0.69122	1.0418	1.0418	0.936606	0.156076	0.148124	1
cg26932839	RPTOR;RPTOR	0.542334	0.133336	0.51817	1.51817	0.583053	1.15366	1.15366	0.632927	1.12946	1.12946	0.201886	0.607248	-1.41545	0.267628	1.34682	1.34682	0.618276	1.13829	1.13829	0.472185	1.2075	1.2075	0.695645	0.904817	-1.1052	0.583762	0.867045	-1.15334	0.936577	0.986128	0.935917	1
cg09227934	CD47;CD47;CD47	0.542342	0.564723	0.783859	-1.27574	0.318006	2.03386	2.03386	0.20818	0.296128	-3.36811	0.184326	5.4263	5.4263	0.0638845	0.06318	15.8316	0.886496	0.942002	-1.06157	0.242687	1.60774	1.60774	0.464622	1.36526	1.36526	0.411089	0.703548	1.42157	0.936563	2.55884	2.46371	1
cg24181311	SPINT1;SPINT1;SPINT1	0.542346	0.869144	0.969701	-1.03125	0.656967	0.919978	-1.08698	0.615905	0.909933	-1.09898	0.723528	1.06852	1.06852	0.682683	0.926168	-1.07972	0.357441	0.838113	-1.19316	0.0452976	0.651478	-1.53497	0.903774	0.976584	-1.02283	0.166834	0.759548	-1.31657	0.936557	0.516493	0.490205	1
cg19878733	MALAT1	0.542359	0.901451	1.04485	1.04485	0.94079	1.14123	1.14123	0.937726	0.735888	-1.3589	0.0916062	1.99071	1.99071	0.669093	1.16413	1.16413	0.653701	1.17343	1.17343	0.409226	0.744314	-1.34841	0.307328	1.50543	1.50543	0.82419	0.924221	-1.08199	0.936535	1.86053	1.76588	1
cg24938727	HHATL;HHATL	0.542367	0.91796	0.950185	-1.05243	0.280039	1.45331	1.74521	0.35896	1.7264	1.7264	0.0568157	0.858326	1.86213	-1.16813	0.525396	0.954611	-1.04755	0.859052	1.09216	1.09216	0.209385	1.92742	1.92742	1.60742	0.109581	2.37543	2.37543	0.140936	2.19225	2.19225	0.936521	3.64838	3.46282	1
cg02068361	RIT68	0.542368	0.853671	1.07374	1.07374	0.0969653	2.01786	2.01786	0.744402	1.13436	1.13436	0.588221	1.23448	1.23448	0.810021	0.911367	-1.09725	0.794196	0.904163	-1.10599	0.135741	0.538176	-1.85813	0.526007	1.28096	1.28096	0.490055	1.31021	1.31021	0.936521	2.20264	2.09061	1
cg22335340	PTPN6;C12orf57	0.542375	0.678772	1.11958	1.11958	0.423811	1.24481	1.24481	0.187727	1.53949	1.53949	0.777498	0.916852	1.09102	0.2861447	0.709875	-1.40672	0.49177	1.2391	1.2391	0.0898099	1.75419	1.75419	0.946342	1.15237	1.15237	0.946289	1.06377	1.06377	0.945523	1.37535	1.13135	1
cg05395196	HSF2;HSF2	0.542381	0.761866	0.949199	-1.05352	0.55943	0.903704	-1.10656	0.950028	0.988936	-1.01081	0.529426	0.896469	-1.11549	0.574245	0.907213	-1.10228	0.085125	0.721404	-1.38619	0.263808	1.22008	1.22008	0.388636	0.859362	-1.16365	0.416196	1.15321	1.15321	0.936499	0.436474	0.414284	1
cg08891302	PHACTR1	0.542384	0.153777	0.728333	1.37307	0.195345	0.342138	0.342138	0.124526	0.44126	-2.26496	0.10906	0.917255	1.09002	0.2836427	-1.36854	0.0938895	0.236322	-4.23152	0.128289	0.0974102	0.21364	-4.68115	0.133777	0.595368	-1.67953	0.0938887	0.504029	-1.98401	0.236017	0.378155	-2.64442	0.906905	0.814367	1
cg17692200	SEPT7;SEPT7	0.542394	0.225558	0.731387	-1.36726	0.871454	0.96098	-1.0406	0.588781	0.87446	-1.14356	0.389438	0.805113	-1.24206	0.830373	1.05414	1.05414	0.183763	0.707083	-1.41426	0.0554683	0.586546	-1.70489	0.5707	0.868628	-1.15124	0.866743	0.959564	-1.04214	0.936476	0.895977	0.850448	1
cg08297393	LONRF2	0.542397	0.757167	1.16331	1.16332	0.264129	0.566805	-1.76427	0.667717	1.23448	1.23448	0.110996	2.33242	2.33242	0.606898	0.776162	-1.28806	0.744845	1.17267	1.17267	0.296146	0.589558	-1.69619	0.646959	0.798579	-1.25222	0.406364	1.51333	1.51333	0.936473	0.528157	0.34927	1
cg00916899	MANBAL;MANBAL	0.542399	0.61105	0.831173	-1.20312	0.692821	1.1539	1.1539	0.374569	0.759934	-1.31602	0.432068	0.784948	-1.33521	0.989187	1.0049	1.0049	0.473921	1.30028	1.30028	0.152833	1.73675	1.73675	0.576488	0.58897	1.21735	1.21735	0.735959	0.59525	-1.67997	0.936468	1.92792	1.82997	1
cg04998696	SRC;SRC	0.542404	0.707792	0.91261	-1.09576	0.468606	0.836033	-1.19612	0.239387	0.741396	-1.34881	0.838063	1.05095	1.05095	0.0146383	0.549792	-1.81887	0.943331	0.982883	-1.01742	0.815722	0.944881	-1.05833	0.686517	0.906162	-1.10355	0.417846	0.817856	-1.22271	0.936467	0.874813	0.830367	1
cg05617127	ARHGAP19	0.542403	0.803935	1.09577	1.09577	0.73122	0.81203	-1.23141	0.623795	0.897726	-1.11424	0.403088	0.886378	-1.12844	0.403088	0.59324	-1.68584	0.639933	1.1435	1.1435	0.0853704	0.504742	-1.98121	0.0515379	0.748307	1.33656	0.0998514	0.491983	1.27367	1.27367	0.936465	1.37942	1.21947	1
cg02500511	PEP2	0.542406	0.585069	1.29277	1.29277	0.9956	1.00257	1.00257	0.618652	1.26328	1.26328	0.991995	1.00468	1.00468	0.888495	1.38742	1.38742	0.602613	1.78292	1.27717	0.0868694	2.41251	2.41251	0.0813268	2.45993	2.45993	0.790246	1.1322	1.1322	0.936457	1.21714	1.05372	1
cg16059167	PRDM16;PRDM16	0.542411	0.0940015	0.285174	-3.50663	0.468601	0.604942	-1.65305	0.891364	0.911063	-1.09762	0.877936	0.900541	-1.11044	0.0627556	0.239976	-4.16708	0.873295	0.896925	-1.11492	0.366024	0.530985	-1.88329	0.757463	0.809663	-1.23508	0.438077	0.583894	-1.71264	0.936449	6.89051	6.54056	1
cg20994386	FRMPD4	0.542424	0.379646	1.42074	1.42074	0.515451	0.726571	-1.37636	0.545457	1.26481	-1.26481	0.187727	1.53949	1.53949	0.777498	0.916852	1.09102	0.2861447	0.709875	-1.40672	0.317146	0.229628	0.707497	-1.41398	0.226629	0.743138	1.34561	1.16536	0.880058	1.15609	1.15609	0.644469	1.48062	1.29164	1
cg18336825	PSMD13;SIRT3;PSMD13;SIRT3	0.542427	0.573582	0.716272	-1.39612	0.578309	0.39336	0.39336	0.70091	1.25417	1.25417	0.322931	0.549286	-1.82054	0.16885	2.36382	2.36382	0.299564	1.87927	1.87927	0.765938	1.19147	1.19147	0.726524	0.813789	-1.22882	0.204994	0.456231	-2.19187	0.936423	0.107925	0.0966	1
cg17658213	ARHGEF15	0.542435	0.178557	0.86555	-1.15563	0.410045	0.838848	1.19238	0.0911	0.31087	-3.21607	0.138136	1.53545	1.53545	0.624115	0.648346	-1.54256	0.955313	1.02833	1.02833	0.180963	1.31704	1.31704	0.641442	0.782509	-1.27811	0.187503	0.718539	1.39191	1.39191	0.936423	0.908505	0.814367	1
cg27198114	FBXL1 CNNM2;CNNM2;CNNM2;CNNM2;CNN	0.542458	0.14426	1.42039	1.42039	0.471967	0.849002	-1.17785	0.263786	0.770569	-1.29774	0.198904	1.35489	1.35489	0.39322	1.21614	1.21614	0.929308	1.02005	1.02005	0.548035	1.14568	1.14568	0.544923	1.14693	1.14693	0.740206	1.07729	1.07729	0.936369	0.742356	0.704713	1
cg06851336	M2;CNNM2	0.542459	0.771779	1.08956	1.08956	0.844043	1.05981	1.05981	0.90555	0.965597	-1.03563	0.805593	0.929854	-1.07544	0.209596	0.677044	-1.47701	0.933613	0.975728	1.02488	0.103977	0.591963	-1.68929	0.472127	0.805624	-1.24127	0.202862	1.4866	1.4866	0.936368	1.29002	1.22461	1
cg07419132	PHC2;PHC2	0.542464	0.33167	0.697555	-1.43276	0.536031	0.798518	-1.25232	0.211314	0.623241	-1.60452	0.819103	1.08536	1.08536	0.223838	0.632022	-1.58222	0.646961	1.18006	1.18006	0.218705	0.628461	-1.59119	0.128458	0.554342	-1.80394	0.419376	0.743611	-1.34479	0.936361	1.91177	1.81485	1
cg02029025	AP2A2	0.542465	0.343113	1.39805	1.39805	0.715497	0.91497	0.0933504	0.82144	0.91144	0.501492	0.400404	0.70485	0.70485	0.0422745	1.34602	2.14602	0.41122	2.71415	2.71415	0.0125624	1.34041	2.30441	2.30441	0.77108	1.41345	1.41345	0.966359	21.0318	19.9655	1
cg15170964	TSPAN7	0.542467	0.224712	0.354544	-2.82053	0.327886	0.439917	-2.27315	0.760511	0.779095	-1.28221	0.10241	4.27705	4.27705	0.554058	1.62687	1.62687	0.37287	0.475283	-2.10401	0.916794	1.08869	1.08869	0.91122	1.09493	1.09493	0.92525	1.07929	1.07929	0.936355	0.8045	0.30749	1
cg25130800	ZSCAN2;ZSCAN2;ZSCAN2	0.542469	0.277866	0.774826	-1.29061	0.20352	1.3545	1.3545	0.393781	1.21834	1.21834	0.402797	1.21357	1.21357	0.831829	1.04925	1.04925	0.370069	0.812123	-1.23134	0.956756	0.987815	-1.01234	0.425173	0.831838	-1.20216	0.309237	1.26859	1.26859	0.936352	0.757979	0.719558	1
cg16372810	PRDM16;PRDM16	0.542483	0.946783	1.01732	1.01732	0.748377	0.680311	0.672367	-1.14631	0.746332	0.89914	-1.11143	0.807003	1.08401	1.08401	0.153218	1.65542	1.65542	0.150633	1.44847	0.689756	0.855102	1.16919	1.16919	0.0992925	2.39395	2.39395	0.401388	1.84041	1.84041	0.728208	1.37381	1.37381	1.37381	0.936342	1.45993	1.20624	1
cg01002266	SNX25	0.542508	0.163087	1.98878	1.98878	0.480684	0.718175	-1.39242	0.152301	2.15205	2.15205	0.886541	1.06815	1.06815	0.34083	0.635525	-1.5735	0.729352	0.851804	-1.17398	0.801345	0.800595	-1.12348	0.640144	1.24289	1.24289	0.589294	1.777477	-1.28261	0.936287	3.16246	3.00236	1
cg12030788	CCDC136	0.542514	0.936286	1.04284	1.04284	0.936509	0.963158	-1.03888	0.34851	0.704155	-1.42005	0.324482	1.36347	1.36347	0.0178284	2.34847	2.34847	0.964403	1.03373	1.03373	0.774734	1.2232	1.2232	0.922662	0.930197	-1.07504	0.883362	0.830094	1.20648	1.20648	0.936277	0.738097	0.692792	1
cg14633643	LCA5;LCA5	0.542517	0.287479	2.93649	2.93649	0.955169	1.05637	1.05637	0.185446	0.254208	-3.93379	0.539253	1.83361	1.83361	0.847734	1.20623	1.20623	0.785726	1.30447	1.30447	0.102902	0.175458	-5.69936	0.635995	1.59308	1.59308	0.871144	1.171556	1.171556	0.936273	14.1074	13.3934	1
cg02861124	KIAA1598;KIAA1598	0.542519	0.371569	1.51794	1.51794	0.762805	0.67342	-1.74755	0.240561	0.571446	-1.74995	0.502403	1.27868	1.27868	0.943637	1.03328	1.03328	0.329111	1.58119	1.58119	0.0992925	2.29395	2.29395	0.403288	1.44548	1.44548	0.883101	0.99126	-1.01692	0.936268	3.06856	2.91327	1
cg20808294	NMUR1	0.542529	0.816131	0.857916	-1.16561	0.188808	2.49931	2.49931	0.918769	1.16962	1.16962	0.8156	1.16614	1.16614	0.0659943	1.83796	1.83796	0.887143	0.910802	-1.09773	0.93705	1.36634	1.36634	0.734807	0.732153	0.731357	0.791483	1.26345	1.26345	0.936263	0.814893	0.76221	1
cg14175690	TBX15	0.542534	0.528915	0.392148	-2.55006	0.547553	0.40938	-2.44272	0.979957	0.963807	-1.03755	0.789314	0.675029	-1.48142	0.563105	2.35818	2.35818	0.200472	0.137463	-7.27466	0.216552	0.148345	-6.74103	0.171767	0.45535	0.45535	0.378712	0.265727	-3.76326	0.936244	31.9312	30.3161	1
cg17067528	IER3	0.542536	0.283344	1.3854	1.3854	0.477403	0.523363	1.52433	0.424517	1.9934	1.9934	0.568657	1.16694	1.16694	0.0107241	2.38802	2.38802	0.298102	1.84079	1.84079	0.0373977	2.8802	2.8802	0.0844421	1.8364	1.8364	0.634097	1.50596	1.50596	0.936424	10.8488	10.3031	1
cg05962325	ACAT1	0.542545	?	?	?	0.657919	0.601795	-1.6617	0.391514	0.367701	-2.7196	0.981449	0.973851	-1.02685	?	?	?	?	?	?	0.829867	1.27791	1.27791	0.0993561	0.127631	-7.83351	0.866431	0.90075	18.2833	1
cg12933677	VAPB;VAPB	0.542555	0.615801	0.874556	-1.14344	0.798007	1.21212	1.21212	0.788439	0.931222	-1.07386	0.479239	1.21209	1.21209	0.874666	1.04271	1.04271	0.113698	1.57772	1.57772	0.124908	0.643971	-1.55286	0.978989	1.0007	1.0007	0.872162	1.040359	1.040359	0.936249	0.908212	1
cg00315381	UQCRC2;UQCRC2	0.542552	0.745689	1.0592	1.0592	0.385132	1.17041	1.17041	0.753552	1.23098	1.23098	0.567436	0.929894	-1.10754	0.849689	1.0341	1.0341	0.835935	1.03733	1.03733	0.348134	0.843066	-1.18615	0.411899	0.862197	-1.15983	0.109259	1.36155	1.36155	0.936219	0.463088	0.43968	1
cg13596235	ZNF498	0.542555	0.534057	0.661828	-1.51097	0.100066	3.25756	3.25756	0.87332	1.11024	1.11024	0.492956	1.06369	1.06369	0.276283	0.477649	-2.09359	0.849387	1.13269	1.13269	0.210686	0.421305	-2.37358	0.531857	1.51442	1.51442	0.969243	0.975046	-1.02559	0.936209	0.639807	0.604715	1
cg22348066	FHDC1	0.542555	0.787867	1.08303	1.08303	0.936508	0.938328	-1.07101	0.621557	0.916318	-1.09179	0.448769	0.97735	-1.02317	0.408854	0.98444	-1.01588	0.656242	1.25888	1.25888	0.0127403	2.14085	2.14085	0.0554444	1.45701	1.45701	0.0915262	1.092058	1.092058	0.936201	1.78964	1.64	1
cg13661648	HLA-DPA1	0.542557	0.2354	3.97765	3.97765	0.884256	0.850672	-1.17554	0.350941	0.344422	-2.90341	0.911522	1.13135	1.13135	0.183432	0.208661	-4.79245	0.816439	1.29455	1.29455	0.159588	0.30502	0.30502	0.648684	0.600938	-1.66406	0.741592	0.692538	-1.44396	0.936205	18.2777	17.354	1
cg20457942	RNASEH1	0.542580	0.102022	0.563438	-1.77482	0.680311	0.872367	-1.14631	0.746332	0.89914	-1.11143	0.807003	1.08401	1.08401	0.153218	1.65542	1.65542	0.329111	1.58119	1.58119	0.0992925	2.29395	2.29395	0.403288	1.44548	1.44548	0.883101	0.99126	-1.01692	0.936268	3.06856	2.91327	1
cg25808892	PITPNM3;PITPNM3	0.542585	0.741458	0.951901	-1.05053	0.637109	0.931696	-1.07331	0.242187	0.833395	-1.19991	0.881254	0.97799	-1.02251	0.361515	0.86966	-1.14987	0.713984	0.56534	-1.76934	0.06634	0.23991	1.20107	1.20107	0.224722	1.27835	1.27835	0.894937	0.98052	-1.01987	0.936151	0.328672	0.312078	1
cg26496705	ILF3;ILF3;ILF3;ILF3;ILF3	0.542598	0.561416	0.696755	-1.43522	0.152846	2.56535	2.56535	0.303859	1.92567	1.92567	0.888507	0.917305	-1.09015	0.165553	0.402509	-2.48442	0.375856	0.57165	-1.74932	0.754626	0.824544	-1.21279	0.674004	1.29737	1.29737	0.990654	0.992818	-1.00723	0.936137	5.61376	5.33043	1
cg08545265	BAIAP2;BAIAP2	0.542603	0.759397	1.16454	1.16454	0.49377	0.864768	1.27402	0.47315	1.15216	1.15216	0.746629	0.943733	-1.06016	0.0178284	2.34847	2.34847	0.693441	1.32887	1.32887	0.482079	0.557255	-1.79451	0.931704	0.923477	-1.08286	0.536129	0.736364	0.736364	0.936134	0.63808	0.25105	1
cg05518880	FAM20C	0.542615	0.823334	1.1471	1.1471	0.359811	1.78217	1.78217	0.937115	1.04962	1.04962	0.785775	0.846023	-1.182	0.900115	1.07925	1.07925	0.914111	1.08846	1.08846	0.198447	0.230276	2.30276	2.30276	0.240204	2.12702	2.12702	0.113876	0.347961	-2.87389	0.936109	0.58456	0.50286	1
cg12424548	KCND1;KCND1	0.542618	0.0911264	0.746511	-1.34003	0.0756052	1.80855	1.80855	0.14492	0.165157	-6.05442	0.0413564	1.16457	1.16457	0.386791	0.16327	6.12327	0.810059	1.14189	1.14189	0.0956414	2.388	2.388	1.2373703	0.907641	1.10176	0.794796	0.956541	1.04549	1.04549	0.936116	0.408112	0.38112	1
cg08118032	ZNF673;ZNF673;ZNF673;ZNF673	0.542622	0.100951	0.13844	-7.22333	0.647111	0.597018	-1.67499	0.691665	0.644823	-1.55081	0.248864	3.76867	3.76867	0.739668	1.4435	1.4435	0.189195	0.216322	-4.62274	0.878856	1.1828	1.1828	0.805088	1.1563	1.1563	0.687282	1.56117	1.56117	0.936097	17.9629	17.057	1
cg21216828	MIR1470;WIZ	0.542626	0.813191	1.07253	1.07253	0.553358	1.19405	1.19405	0.936421	1.02388	1.02388	0.550231	1.19577	1.19577	0.675167	1.13277	1.13277	0.398646	1.29124	1.29124	0.0896748	0.54792	-1.73016	0.224946	1.4579	1.4579	0.521763	0.825256	-1.21174	0.936085	1.29707	1.23168	1
cg20886806	MYT1L	0.542630	0.787867	1.08303	1.08303	0.936508	0.938328	-1.07101	0.621557	0.916318	-1.09179	0.448769	0.97735	-1.02317	0.408854	0.98444	-1.01588	0.656242	1.25888	1.25888	0.0127403	2.14085	2.14085	0.0554444	1.45701	1.45701	0.0915262	1.092058	1.092058	0.936201	1.78964	1.64	1
cg03944921	WDR44	0.542637	0.202748	0.167257	-5.97383	0.96947	0.950378	-1.05221	0.909454	0.859597	-1.16334	0.928162	6.25175	6.25175	0.235895	5.21642	5.21642	0.226562	0.184802	-5.4112	0.619082	0.513509	-1.94739	0.870599	0.805092	-1.24209	0.972016	1.04775	1.04775	0.936072	26.2177	24.8962	1
cg04357942	ANKRD11	0.542641	0.285981	2.13403	2.13403	0.748096	0.76716	-1.30349	0.268782	0.46853	-2.13531	0.186429	1.35636	1.35636	0.0107029	2.38432	2.38432	0.304374	0.442276	-2.26051	0.0178284	0.472364	-2.11703	0.0178284	0.183065	0.798087	0.798087	0.798087	0.936065	0.798087	0.798087	0.798087	0.936062	0.798087	0.798087	0.798

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg19608869	MMP17	0.54317	0.5086342	1.26943	0.2743041	0.4711408	0.770324	-1.29815	0.4384498	0.754736	-1.32497	0.8809231	0.108969	0.1628985	0.585236	-1.7058	0.635049	1.18523	1.18523	0.134	1.7869	1.7869	0.307934	1.04202	1.04202	0.672363	0.859722	-1.16317	0.344114	1.84493	1.51985	1
cg15631321	EGLN3	0.54372	0.171595	0.659321	-1.51671	0.394802	0.779238	-1.28331	0.258427	0.40161	-2.49106	0.3814419	0.29296	1.292096	0.498037	0.8212292	-1.21759	0.7339999	1.10254	1.10254	0.306299	0.779883	-1.28224	0.968191	0.988652	-1.01148	0.321143	0.74575	-1.34093	0.935179	1.21322	1.15316	1
cg25547772	DGKK;DGKK	0.54373	0.395293	0.451008	-2.21726	0.350592	0.415307	-2.40786	0.789915	1.27663	1.27663	0.154804	0.42592	0.42592	0.165949	3.86223	3.86223	0.363286	0.425471	-2.35034	0.952689	1.05577	1.05577	0.918931	1.09759	1.09759	0.939339	1.07209	1.07209	0.935177	12.3901	11.7768	1
cg20502932	SKI	0.54374	0.618558	1.007702	1.10168	0.395197	1.18293	1.18293	0.123914	1.38191	1.38191	0.158804	0.899541	-1.11168	0.373021	1.19296	1.19296	0.79284	0.950489	-1.05029	0.286498	0.807722	-1.23805	0.645578	0.993191	1.09316	0.332937	1.21251	1.21251	0.935177	0.551288	0.524002	1
cg20263607	NUAK1	0.54376	0.551800	1.30554	0.138189	2.02779	2.02779	0.519985	0.47387	1.94844	-1.33497	0.391797	0.14787	0.788414	1.12651	1.12651	0.418584	1.44203	1.44203	0.0939538	2.26058	2.26058	0.264159	1.67442	1.67442	0.621113	1.2469	1.2469	0.935173	2.90505	2.76127	1
cg04135543	CSorf32;CSorf32	0.54381	0.679386	1.05884	1.05884	0.642856	1.06409	1.06409	0.996881	0.99948	-1.00052	0.656759	1.0613	1.0613	0.701364	1.05293	1.05293	0.989387	1.00177	1.00177	0.115818	1.25532	1.25532	0.211601	0.839436	-1.19128	0.142751	1.23314	1.23314	0.935164	0.262108	0.249138	1
cg19248982	MON1A;MON1A	0.54387	0.393137	0.816704	-1.22443	0.258377	0.761115	-1.31386	0.192766	0.72683	-1.37584	0.815633	1.05555	1.05555	0.437536	1.20118	1.20118	0.225983	0.745058	-1.34218	0.942916	1.01671	1.01671	0.344069	1.25307	1.25307	0.748846	1.07719	1.07719	0.935154	0.793509	0.754251	1
cg19640207	WDR27	0.54392	0.530249	1.32399	1.32399	0.484197	1.36863	1.36863	0.24567	0.585102	-1.7091	0.974494	0.985987	-1.01421	0.137142	0.493237	2.02742	0.626678	0.805437	-1.24156	0.450173	1.40445	1.40445	0.924468	1.04275	1.04275	0.221855	0.567365	-1.76253	0.935146	2.88573	2.74299	1
cg02231798	GULP1	0.54393	0.72161	0.983504	-1.10071	0.561619	0.769776	-1.29908	0.351104	0.770368	-1.29355	0.832149	0.944666	1.058818	0.349461	1.27949	1.27949	0.612127	1.14699	1.14699	0.108535	1.59919	1.59919	0.419134	0.91983	1.01983	0.37914	1.37378	1.37378	0.935144	1.06536	1.01267	1
cg11139740	CLLU1OS;CLLU1;CLLU1	0.54401	0.0772037	2.24974	2.24974	0.386807	1.44209	1.44209	0.287511	1.57733	1.57733	0.557647	1.27726	1.27726	0.364406	1.46907	1.46907	0.858827	0.929161	-1.07624	0.270827	1.605	1.605	0.424086	1.40061	1.40061	0.513646	0.76082	-1.31437	0.935131	2.5223	2.39758	1
cg10363975	GPR126;GPR126;GPR126;GPR126	0.54402	0.460371	1.10013	1.10013	0.844127	1.08189	1.08189	0.145853	1.64061	1.64061	0.942287	1.05061	1.05061	0.490341	1.20954	1.20954	0.409353	1.1133	1.1133	0.183913	1.01975	1.01975	0.997532	1.01	1.01	0.667381	1.05644	1.05644	0.935129	0.238841	0.227031	1
cg20122656	C6orf125	0.54404	0.784374	1.07608	1.07608	0.379064	0.785648	-1.27283	0.045884	0.542384	-1.84371	0.58439	1.15935	1.15935	0.511457	0.836919	-1.19486	0.643436	1.13271	1.13271	0.348782	0.880605	-1.23508	0.981436	0.993799	-1.00624	0.943407	1.01916	1.01916	0.935126	1.05846	1.00612	1
cg09080959	MRPL39;MRPL39	0.54228	0.402172	0.874241	-1.14233	0.775024	0.956506	-1.04547	0.163928	0.837109	-1.19453	0.16028	0.792322	-1.26211	0.952939	1.00926	1.00926	0.991543	0.99845	-1.00156	0.831805	1.03555	1.03555	0.102576	1.31008	1.31008	0.612374	1.08252	1.08252	0.935087	0.356632	0.339813	1
cg01863596	APBA2;APBA2	0.54232	0.159569	0.345701	-2.89267	0.506706	1.60976	1.60976	0.257119	2.30671	2.30671	0.538888	0.644241	-1.55221	0.243885	0.422466	-2.36706	0.929704	1.06434	1.06434	0.520234	0.633896	-1.58505	0.600904	0.688665	-1.45209	0.298374	0.466833	-2.14309	0.935068	7.39635	7.03099	1
cg10081761	ALDH3B2	0.54239	0.941865	0.975275	-1.02535	0.210305	0.63562	-1.57327	0.281264	0.680849	-1.46875	0.332916	1.40897	1.40897	0.758582	0.899584	-1.11162	0.501406	0.791181	-1.26393	0.387349	1.35548	1.35548	0.492768	1.27014	1.27014	0.275494	1.47614	1.47614	0.935068	1.74505	1.65887	1
cg25781123	THUMPD1;THUMPD3	0.54245	0.08262699	0.502376	-1.99054	0.603851	0.828817	-1.20654	0.382549	0.725632	-1.37811	0.665729	0.855846	-1.16843	0.513927	0.788939	-1.26752	0.0992132	0.523493	-1.91024	0.182414	0.602421	-1.65997	0.689032	0.865833	-1.15496	0.894895	0.953765	-1.04848	0.935058	1.89948	1.80569	1
cg09990539	KLHL29	0.54249	0.728046	0.855502	-1.16891	0.0993103	2.24282	2.24282	0.411827	1.45522	1.45522	0.78479	1.13018	1.13018	0.737686	0.86047	-1.16216	0.822728	0.904549	-1.10552	0.249096	1.71356	1.71356	0.972104	0.984488	-1.01576	0.235913	0.573902	-1.74246	0.93505	2.95997	2.81384	1
cg04236892	NAV1	0.54252	0.737322	1.07438	1.07438	0.321813	1.24967	1.24967	0.289029	1.26265	1.26265	0.642745	0.905543	-1.10431	0.788327	0.944411	-1.05886	0.463895	1.17214	1.17214	0.224117	1.3127	1.3127	0.799405	1.05575	1.05575	0.139669	0.712748	-1.40302	0.935044	0.672215	0.639033	1
cg03142885	NRSN1	0.54254	0.8080031	0.944301	-1.05898	0.961784	0.988782	-1.01134	0.683042	0.876082	-1.14144	0.603623	0.883859	-1.1314	0.407609	1.22066	1.22066	0.78869	1.06521	1.06521	0.420844	1.75238	1.75238	0.438311	1.20457	1.20457	0.65292	1.11247	1.11247	0.935043	0.820876	0.780357	1
cg17396404	ATF6B;ATF6B	0.54255	0.680044	0.860274	-1.16242	0.337565	1.43163	1.43163	0.173275	1.69197	1.69197	0.346118	1.4221	1.4221	0.656208	0.849925	-1.17657	0.73054	0.882077	-1.13369	0.646481	0.845686	-1.18247	0.709324	1.14557	1.14557	0.107685	1.89106	1.89106	0.935041	1.95064	1.85436	1
cg18909530	FRMD4A	0.54257	0.2178228	0.93547	-1.06923	0.545863	1.15582	1.15582	0.0648009	1.53283	1.53283	0.458087	1.14926	1.14926	0.350943	1.19379	1.19379	0.853748	1.03463	1.03463	0.861097	0.968202	-1.03284	0.625489	0.902338	-1.10501	0.540545	1.12097	1.12097	0.935016	0.504133	0.479262	1
cg19935397	ZNF263	0.54271	0.469881	1.11542	1.11542	0.766647	1.04521	1.04521	0.180423	0.809518	-1.2353	0.624493	1.07605	1.07605	0.324475	0.859699	-1.1632	0.925372	1.01402	1.01402	0.156802	0.798522	-1.25231	0.234046	0.830822	-1.20363	0.938806	1.01204	1.01204	0.935014	0.326862	0.310737	1
cg02346241	SNX29	0.54273	0.945436	1.00422	1.00422	0.978102	0.676756	-1.44938	0.350955	0.708167	-1.4121	0.863192	0.622783	-1.60569	0.562264	1.78004	1.78004	0.950906	1.01016	1.01016	0.622393	1.34943	1.34943	0.762624	1.09321	1.09321	0.885481	1.12933	1.12933	0.934981	0.840231	0.799513	1
cg04367866	MEIS1	0.54292	0.279271	1.53924	1.53924	0.179781	0.579118	-1.72676	0.10383	1.9777	1.9777	0.82469	0.918454	-1.08879	0.918648	1.03995	1.03995	0.911178	1.04371	1.04371	0.75472	1.12768	1.12768	0.4744	1.32171	1.32171	0.661134	1.844405	1.84405	1.18427	0.934979	2.17684	2.06953	1
cg16275183	STAR;STAR	0.54295	0.476175	0.894716	-1.11767	0.390593	1.14644	1.14644	0.175264	1.24776	1.24776	0.616838	1.08054	1.08054	0.401495	0.877341	-1.13981	0.163107	1.25684	1.25684	0.573106	0.916281	-1.09137	0.396535	1.14261	1.14261	0.917987	1.01594	1.01594	0.934974	0.34917	0.33196	1
cg06757557	LIMK1	0.54305	0.582236	1.08077	1.08077	0.615202	0.707154	-1.41405	0.448021	0.88557	-1.12909	0.796853	0.88557	-1.12909	0.796853	0.88557	-1.12909	0.796853

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105 vs. N)	Fold-Change(1-vs-105 vs. N)	p-value(111 vs. N)	Fold-Change(1-vs-111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1347 vs. N)	p-value(347 vs. N)	p-value(473 vs. N)	Fold-Change(1-vs-473 vs. N)	p-value(537 vs. N)	Fold-Change(1-vs-537 vs. N)	p-value(537 vs. N)	Fold-Change(5-vs-537 vs. N)	p-value(563 vs. N)	Fold-Change(5-vs-563 vs. N)	F(Error
cg01860168	MEPCE;ZCWPW1		0.44713	0.403763	0.713869	-1.40082	0.398147	0.710852	-1.40676	0.643013	0.831822	-1.20218	0.710498	0.862314	-1.15846	0.228544	0.607401	1.64636									
cg24119284	PXK		0.44133	0.865059	0.928944	-1.07649	0.513417	1.3227	1.3227	0.16667	1.894567	1.89456	0.532317	1.35135	1.35135	0.386089	1.46967	1.46967	0.324224	1.55456	1.55456	0.057401	2.53809	0.377909	1.48003	1.48003	0.973132	1.0147	1.0147	0.933579	2.77665	2.64374	1
cg04689178	TIMP2		0.44156	0.15256	2.9337	2.9337	0.590708	0.682935	-1.46427	0.956946	1.03865	1.03865	0.55367	1.52322	1.52322	0.300372	2.12507	2.12507	0.132175	3.13092	3.13092	0.254386	2.307	2.307	0.90587	1.08664	1.08664	0.24159	2.36548	2.36548	0.933541	7.29468	6.94577	1
cg25629077	CLDN20;TFB1M		0.44157	0.768391	1.13823	1.13823	0.348973	1.52613	1.52613	0.19159	1.83336	1.83336	0.145881	1.98284	1.98284	0.306177	1.59123	1.59123	0.827613	1.10034	1.10034	0.348746	1.52646	1.52646	0.0947336	2.23708	2.23708	0.939536	0.967286	1.03382	0.935538	2.84215	2.70622	1
cg04070122	RAB39B		0.44416	0.112912	0.203188	-4.92155	0.621198	0.631251	-1.58416	0.718082	0.715447	-1.39773	0.187711	0.63077	0.535988	0.560551	-1.78396		0.253688	0.332808	-3.00473	0.412141	0.460946	-2.16945	0.642971	0.649767	-1.53901	0.87547	1.1556	1.155886	0.935534	12.612	12.0089	1
cg16828585	TAF3		0.44162	0.986091	0.996161	1.00195	0.268107	0.762705	-1.31112	0.197494	0.726219	-1.377	0.459666	1.19338	1.19338	0.212526	1.36116	1.36116	0.297607	1.28861	1.28861	0.847436	1.04627	1.04627	0.841751	1.04806	1.04806	0.464934	1.19082	1.19082	0.93353	0.815323	0.776334	1
cg18624430	PTPRN2;PTPRN;2-PTPRN2		0.44173	0.367963	0.634237	-1.5767	0.898432	0.939058	-1.0649	0.227041	1.86724	1.86724	0.632929	1.26734	1.26734	0.156059	0.473697	-2.11105		0.445963	0.682134	-1.46599	0.198971	0.512577	-1.95093	0.813484	1.12341	1.12341	0.755169	0.857255	-1.16651	0.935511	3.58438	3.41304	1
cg24887140	PTEG2		0.44218	0.317961	0.7439	-1.36167	0.383706	0.765568	-1.30622	0.308696	0.729719	-1.37039	0.333078	0.741848	-1.34799	0.591588	0.850456	-1.17584	0.817622	0.93249	-1.07353	0.560396	1.18948	1.18948	0.0769173	0.555272	-1.80092	0.581351	1.18124	1.18124	0.9335	1.32241	1.25921	1
cg24220636	CBFA2T3		0.44282	0.819848	1.08802	1.08802	0.449504	0.75202	-1.32975	0.564683	0.706316	-1.4158	0.244557	0.675315	-1.5686	0.555598	1.24666	1.24666	0.183973	1.68411	1.68411	0.407685	1.36781	1.36781	0.675273	0.855721	-1.16861	0.346453	0.698688	1.43125	0.934397	2.02199	1.92537	1
cg24686690	AHRR		0.44203	0.248772	0.709136	-1.41017	0.417599	1.26639	1.26639	0.869295	1.04807	1.04807	0.682618	0.889398	-1.12436	0.508472	0.825932	-1.21075	0.429933	1.25823	1.25823	0.109189	0.607748	-1.64542	0.518727	1.20504	1.20504	0.496973	0.821504	-1.21728	0.933462	1.20167	1.14429	1
cg17500383	HEATR4;RAP1A;RAP1A;RAP1A		0.44226	0.599531	1.52266	1.52266	0.0754996	2.18591	2.18591	0.24553	1.661828	1.55917	0.255917	1.559917	1.668847	0.877428	1.13969	0.635596	1.684832	-1.46021		0.684692	1.38203	1.38203	1.2426	?	0.300922	0.258669	1.2571	2.5771	0.943111	7.9116	6.29161	1
cg22648143	TMEM104;NAT9		0.44241	0.630669	0.651165	-1.53571	0.169787	0.260757	-3.83499	?	?	?	0.466589	1.50459	1.50459	?	?	?		0.538367	1.73925	1.73925	?	?	0.573038	1.66194	0.900794	5.64824	6.27028	1
cg23113963	SCNN1B		0.44248	0.082468	0.66418	0.66418	0.723011	2.07988	2.07988	0.962943	1.10017	1.10017	0.859741	1.51625	1.51625	?	?	?		0.616071	2.88121	2.88121	0.545448	3.53493	3.53493	0.245425	7.38875	7.38875	0.115381	37.5898	37.5898	0.94007	53.3822	42.4535	1
cg04062510	SNCAIP		0.44425	0.441777	1.25916	1.25916	0.223505	0.686769	-1.46609	0.350682	1.32607	1.32607	0.206089	1.47975	1.47975	0.373639	1.30777	1.30777		0.202997	1.48415	1.48415	0.856062	1.0548	1.0548	0.33805	1.29683	1.29683	0.431111	1.26629	1.26629	0.933383	1.27607	1.21524	1
cg06577913	PRR7		0.44263	0.165457	0.740948	-1.34962	0.727464	0.931545	-1.07349	0.630958	1.10307	1.10307	0.526483	0.878020	-1.13891	0.900746	1.02561	1.02561		0.25207	0.78506	-1.27379	0.34156	1.21292	1.21292	0.2048	1.3115	1.3115	0.869591	1.03386	1.03386	0.933663	0.607235	0.578301	1
cg00664492	PROM2;PROM2;PROM2		0.44267	0.328485	0.808859	-1.23631	0.353983	1.2221	1.2221	0.254368	0.778549	-1.28444	0.815657	1.05034	1.05034	0.56414	1.13146	1.13146		0.280792	1.2659	1.2659	0.184386	1.34465	1.34465	0.611757	0.897936	-1.11367	0.997523	1.00065	1.00065	0.933356	0.653919	0.622764	1
cg22930773	EDNRA;EDNRA;EDNRA		0.44274	0.248023	0.43357	-2.30643	0.545443	0.654792	-1.5272	0.683651	1.32778	1.32778	0.547297	0.656101	-1.52415	0.133492	0.326272	-3.06493		0.1809	0.374161	-2.67265	0.133452	0.326229	-3.06533	0.363918	0.524315	-1.90725	0.591258	0.687192	-1.4552	0.933344	7.07878	6.74162	1
cg07830936	CDKSAP1;CDKSRP1		0.44277	0.735462	1.08013	1.08013	0.565806	0.876389	-1.14105	0.636871	1.11349	1.11349	0.317956	0.79086	-1.26445	0.442328	1.19662	1.19662	0.0758979	1.56627	1.56627	0.305734	1.72759	1.72759	0.804539	1.05798	1.05798	0.720146	0.921481	1.08521	0.933339	0.763741	0.727958	1
cg07893813	ARPP19;ARPP19		0.44285	0.752968	1.14217	1.14217	0.39385	1.76388	1.76388	0.546883	1.26714	1.26714	0.187313	1.72022	1.72022	0.757457	-1.28444	0.815657	1.05034	1.05034	0.56414	1.13146	1.13146	0.280792	1.2659	1.2659	0.184386	1.34465	1.34465	0.611757	0.897936	-1.11367	0.997523	1.00065	1.00065	0.933356	0.653919	0.622764	1
cg08908331	HIGD2B;IBS4		0.44301	0.91565	1.10309	1.10309	0.529709	0.554553	-1.80325	0.707182	1.41832	1.41832	0.986198	1.01615	1.01615	0.894329	0.884201	-1.13096		0.887812	1.13965	1.13965	0.0370814	0.106266	-9.41031	0.311469	0.379186	-2.63723	0.719745	1.39607	1.39607	0.933284	12.6766	12.0736	1
cg00647741	ZNF274;ZNF274;ZNF274		0.44312	0.215181	2.77782	2.77782	0.506348	0.76555	-1.30617	0.398662	0.8111	-1.23289	0.97798	1.02185	1.02185	0.334709	0.458849	-2.17937		0.115779	0.26218	-3.81415	0.130605	0.436467	-2.29111	0.364389	0.483383	-2.07519	0.615313	0.672489	-1.48701	0.933277	0.906431	0.8232	1
cg20855539	ZSWIM5		0.44314	0.168726	0.780597	-1.28107	0.579964	0.9099	-1.09902	0.213714	1.2475	1.2475	0.933571	0.986018	-1.01418	0.197334	0.794386	-1.25883	0.624359	1.08693	1.08693	0.369613	1.16839	1.16839	0.976708	0.995081	-1.00494	0.925538	0.984335	-1.01591	0.933277	0.421681	0.401625	1
cg17605407	PIEB		0.44315	0.753036	1.08107	1.08107	0.729207	0.858156	-1.16529	0.880553	1.00427	1.00427	0.994662	0.840568	-1.18967	0.764247	0.839111	-1.19156	0.418636	1.159	1.159	0.194707	0.754203	1.32567	0.884071	0.723693	-1.3818	0.857456	1.03262	1.03262	0.933227	0.847218	0.848809	1
cg08862033	LOC400940 /FAIM;FAIM;FAIM;FAIM;FAIM;FAIM;FAI M		0.44318	0.501465	0.694928	-1.439	0.707417	0.817802	-1.22279	0.12381	0.411012	-2.43302	0.479582	1.46725	1.46725	0.417648	1.55557	1.55557		0.654656	1.27147	1.27147	0.741908	1.19279	1.19279	0.197733	2.06737	2.06737	0.485148	1.45994	1.45994	0.93327	4.20622	4.0062	1
cg04184458	M		0.44332	0.60115	0.929275	-1.07611	0.514685	1.09624	0.409166	1.12456	1.12456	0.877297	1.02172	1.02172	0.244461	1.18451	1.18451		0.414484	1.123	1.123	0.250244	0.846124	-1.18186	0.823345	1.03158	1.03158	0.121607	2.26287	1.26287	0.933267	0.285863	0.272269	1
cg19462087	RCVRN		0.44323	0.579871	0.813133	-1.22981	0.145425	0.560825	-1.78309	0.240635	0.634781	-1.57535	0.734055	1.13446	1.13446	0.169366	0.581811	-1.71877		0.96358	0.983249	-1.01704	0.894553	0.952124	-1.05028	0.31748	1.46563	1.46563	0.469062	0.761466	-1.31326	0.933263	2.02295	1.92676	1
cg19352605	GPT		0.44324	0.442633	1.41483	1.55925	0.902474	0.946373	-1.13095	0.607035	1.28251	1.28251	0.883564	0.988379	-1.01193	0.951727	0.50081	-1.97381		0.388554	2.57564	2.57564	0.117072	0.403025	-2.48124	0.906274	0.935348	-1.06912	0.193155	4.7393	4.53304	1
cg06521280	C10orf55;PLAU;PLAU		0.44334	0.423181	0.8134	-1.22941	0.945385	1.07145	1.07145	0.117677	0.651168	-1.5357	0.487099	0.836724	-1.19514	0.204309	0.713054	1.40242		0.432504	0.816903	-1.22414	0.624627	1.13259	1.13259	0.309237	3.1313	3.1313	0.902131	0.98814	1.012	0.933244	0.942122	0.897344	1
cg26510805	ZNF282		0.44336	0.613569	1.10876	1.10876	0.608275	1.1105	1.1105	0.180396	1.33428	1.33428	0.464933	0.860036	-1.16274	0.128519	0.716714	-1.39526		0.985543	1.00368	1.00368	0.637348	0.908219	-1.10106	0.423485	0.847267	-1.18026	0.521228	1.1409	1.1409	0.933241	0.607538	0.578665	1
cg16184206	MTA1		0.44345	0.676959	1.03912	1.03912	0.549603	0.940273	1.13988	0.739984	0.947356	1.05549	0.210649	1.10266	1.10266	0.570042	0.906458	-1.10307	0.250104	0.742557	-1.3467	0.176853	0.373885	2.67525	0.144667	1.04467	1.04467	0.476885	0.906664	0.906664	0.865376	1
cg04193909	TNRC18		0.44345	0.361625	1.54687	1.54687	0.188013	1.91356	1.91356	0.151737	2.04301	2.04301	0.272584	1.701	1.701	0.373749	1.5292	1.5292	0.124209	2.6193	2.6193	0.1758	1.95352	1.95352	0.567052	1.30885	1.30885	0.699448	1.19777	1.19777	0.933226	3.19848	3.04652	1
cg26635580	ARL4D		0.44351	0.884877	1.05883	1.05883	0.675105	0.964605	-1.03683	0.83738	1.04439	1.04439	0.124357	0.842271	1.24041	0.261126	1.58256	1.58256	0.163777	1.61977	1.61977	0.164501	1.66225	1.66225	0.573631	0.877883	1.13975	0.707868	0.872558	1.14619	1.14619	0.933227	0.713218	0.648809	1
cg09636756	ATP9B		0.44357	0.134464	0.130258	-7.67704	0.346958	0.39782	1.39782	0.401539	0.338109	-2.95762	0.544339	2.17056	2.17056	0.897334	1.17708	1.17708	0.624158	1.86578	1.86578	0.58559	0.498898	-2.00442	0.252286	0.452826	0.452826	0.50569	0.426217	2.34648	0.933205	23.5752	22.4556	1
cg09520855	ERCC1;ERCC1		0.44361	0.457144	1.20838	1.20838	0.532836	1.17105	1.17105	0.598942	0.875766	-1.14186	0.609049	0.87903	-1.13762	0.975069	0.992219	-1.00784	0.7214	0.914987	-1.09363	0.230578	0.730241	-1.36941	0.594268	1.14384	1.14384	0.0840712	1.6125	1.6125	0.9332	0.923462	0.879613	1
cg23633157	HMBS		0.44365	0.300591	0.808859	-1.23631	0.353983	1.2221	1.2221	0.254368	0.778549	-1.28443	0.87738	1.04439	-1.05034	0.56414	1.13146	1.13146	0.280792	1.2659	1.2659	0.184386	1.34465	1.34465	0.611757	0.897936	-1.11367	0.997523	1.00065	1.00065	0.933356	0.653919	0.622764	1
cg10440458	ANXA8L2		0.44374	0.355848	0.644454	-1.5517	0.507948	0.732928	-1.36439	0.354202	0.643429	-1.55417	0.0724581	0.39565	-2.52749	0.393492	0.667407	-1.49834	0.491352	0.723723	-1.38174	0.857972	0.920473	-1.0864	0.103526	0.438826	-2.27881	0.342195	0.63589	-1.5726	0.933178	3.16289	3.01278	1
cg24711306	SPIN2B;SPIN2B;SPIN2B		0.44378	0.881008	1.06199	1.06199	0.672124	0.72714	1.12714	0.324876	0.254199	-3.93392	0.747039	0.54725	-1.82705	0.245522	0.388842	-2.5969	0.276578	3.61619	3.61619	0.0595676	1.9877	1.9877	0.0540255	2.46494	2.46494	0.0744072	1.57949	1.69472	1.6962	0.933225	2.46494	2.18749	1
cg17704839	UBLS;UBLS		0.44378	0.47138	1.31638	1.31638	0.399265	0.723414	1.38233	0.251867	1.56692	1.56692	0.119534	1.88471	1.88471	0.302615	1.49279	1.49279	0.742675	1.13157	1.13157	0.566757	0.804731	-1.24265	0.321499	1.46856	1.46856	0.0047233	0.956067	-1.04595	0.933171	0.08049	1.98176	1
cg18716979	AADAT;AADAT		0.44383	0.433234	0.837176	-1.19449	0.716074	1.08456	1.08456	0.739953	0.928649	-1.07683	0.419788	1.20104	1.20104	0.952912	1.01321	1.01321	0.532546	1.15083	1.15083	0.0519548	0.611762	-1.63462	0.668918	0.908826	-1.10032	0.673552	1.09874	1.09874	0.933163	0.729908	0.695277	1
cg26548139	MLXIP		0.44387	0.13192	0.377284	-2.65021	0.0597	0.2558	-3.90797	0.0558	0.181335	-5.50769	0.0477253	0.19407	-5.15307	0.0477253	0.224511	-4.45371	0.0477253	0.224511	-4.45371	0.261324	0.188842	-5.29469	0.0477253	0.224511	-4.45371	0.261324	0.188842	-5.29469	0.933153	0.188842	-5.29469	0.933153	0.188842	-5.29469	0.933153

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 11T vs. N)	Fold-Change(112T vs. N)	p-value(112T 12T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 21T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(4 47T vs. N)	Fold-Change(4 47T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 53T vs. N)	Fold-Change(5 53T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
ap18514358	POP1,POP5,POP1-PHKSP12	0.545123	0.503758	0.878742	-1.13799	0.259821	0.799158	-1.25132	0.707679	1.0744	1.0744	0.746995	0.062885	1.35332	0.129	1.19955	1.19955	0.112201	1.39026	1.39026	0.553954	0.89273	-1.12016	0.911531	1.0214	1.0214	0.402621	0.849434	-1.17725	0.931932	0.535731	0.510088	1
ap13894163	BRD3	0.545138	0.209138	0.654148	-1.52871	0.271273	1.44366	1.44366	0.948701	0.979584	-1.02084	0.511273	0.807678	-1.23812	0.219389	0.66096	-1.51295	0.869802	0.948768	-1.054	0.152952	0.6122	-1.63345	0.565736	0.830164	-1.20458	0.380438	0.749437	-1.33433	0.931907	1.56097	1.44695	1
ap23513095	OCA2	0.545149	0.179531	0.611984	-1.63403	0.283478	0.680079	-1.47042	0.257483	0.665619	-1.50236	0.544259	1.23541	1.23541	0.255749	1.50479	1.50479	0.723594	1.1301	1.1301	0.551155	1.23085	1.23085	0.610017	0.837625	-1.19385	0.930657	0.970467	-1.03043	0.931889	1.75104	1.67025	1
ap25982473	OSBPL5,OSBPL5-OSBPL5	0.545154	0.726488	1.44428	-1.44428	0.057576	0.467644	-1.46704	0.40706	0.707016	0.58397	-1.71287	0.743837	0.73088	-1.36808	0.436088	1.40698	0.702287	1.49483	1.49483	0.554205	0.53192	1.75832	1.75832	0.434095	0.30592	2.30592	0.586708	1.77637	1.77637	0.609895	1.7137	1.7137	0.931881	16.1758	15.4257	1
ap10299988	CHRFAM7A,CHRFAM7A	0.545155	0.890436	1.07732	1.07732	0.613896	1.3164	1.3164	0.904145	0.936974	-1.06727	0.937243	0.958342	-1.04347	0.0431671	0.284497	-3.51498	0.646846	1.28308	1.28308	0.533914	1.40554	1.40554	0.4151	1.56851	1.56851	0.773426	1.1688	1.1688	0.931879	0.430936	4.11056	1
ap25037461	DERL3,DERL3,DERL3	0.545162	0.893737	0.940549	-1.06321	0.126403	0.468451	-2.1347	0.0794269	0.409456	-2.44226	0.733087	1.16098	1.16098	0.811382	1.11588	1.11588	0.804776	0.946398	-1.05642	0.839329	1.09758	1.09758	0.605799	1.26067	1.26067	0.603238	1.27186	1.27186	0.931867	0.104019	2.96103	1
ap27997493	NEUROD2	0.545166	0.813996	0.915837	-1.0919	0.3070119	1.4836	1.4836	0.169361	1.72654	1.72654	0.810605	0.914336	-1.09369	0.736868	1.13405	1.13405	0.824653	0.920557	-1.0863	0.106822	0.518528	-1.92854	0.673705	1.17114	1.17114	0.6008313	0.821244	-1.21767	0.931861	2.05365	1.95805	1
ap04854285	TCEAL5	0.545168	0.147381	0.559374	-1.78641	0.150648	0.539128	-1.85485	0.874275	1.06557	1.06557	0.639519	1.20827	1.20827	0.755808	0.864076	-1.15701	0.107874	0.494792	-2.02015	0.534041	0.776793	-1.28734	0.678002	0.845819	-1.18229	0.485419	0.752543	-1.32883	0.931857	2.37383	2.26437	1
ap27659534	MAD1L1,MAD1L1,MAD1L1	0.545172	0.521712	1.36306	1.36306	0.325222	0.614223	-1.62807	0.870941	1.08063	1.08063	0.820743	1.14768	1.14768	0.335247	0.579739	-1.72491	0.547257	1.49777	1.49777	-1.2625	0.143875	1.14427	1.14427	0.508873	1.3766	1.3766	0.931851	3.35721	3.20243	1
ap18107072	TPPP3,TPPP3	0.545176	0.604654	0.888095	-1.12601	0.967521	1.00929	1.00929	0.901573	0.972277	-1.02851	0.489699	0.852612	-1.17287	0.716714	0.920533	-1.08633	0.368399	1.23559	1.23559	0.447648	0.83874	-1.19226	0.056619	0.612427	-1.63285	0.260931	0.766119	-1.30528	0.931843	0.762014	0.726888	1
ap18105800	FBXL2	0.545183	0.808329	0.9188	1.08833	0.501067	0.615083	-1.62607	0.157998	0.795441	-1.40936	0.653076	0.902257	-1.10833	0.0625	-1.59999	0.599999	0.601372	1.09472	1.09472	0.691541	0.933331	-1.07145	0.861881	1.49448	1.49448	0.038183	0.762653	2.62795	2.52706	1
ap03649288	LOC646405	0.545188	0.607285	0.82352	-1.2143	0.126234	0.534428	-1.87116	0.482313	0.765321	-1.30664	0.732359	1.14286	1.14286	0.241067	0.6315	-1.58353	0.146453	0.557762	-1.79288	0.841871	0.927916	-1.07768	0.162276	0.571879	-1.74862	0.478863	0.763653	-1.30949	0.931825	2.07031	1.97462	1
ap14554613	PGM5P2	0.545192	0.095474	0.547179	-1.84782	0.880306	0.90274	-1.10381	0.902706	0.961663	-1.03997	0.129461	0.577419	-1.73185	0.279968	0.681573	-1.46719	0.660768	1.15957	1.15957	0.929407	0.970732	-1.03015	0.465609	0.779633	-1.28266	0.634485	1.17417	1.17417	0.931816	1.65859	1.58218	1
ap27454298	EBF3	0.545198	0.602812	1.25503	1.25503	0.747847	1.14977	1.14977	0.323539	0.842378	-1.55454	0.772144	0.881941	-1.13386	0.803192	1.1141	1.1141	0.446682	1.39878	1.39878	0.379869	1.47664	1.47664	0.0528294	2.59164	2.59164	0.646189	1.2214	1.2214	0.931808	2.76291	2.63565	1
cg17956079	LEKHB1	0.545201	0.481501	0.687698	-1.45413	0.131402	0.426442	-2.34499	0.0745875	0.353657	-2.82876	0.164813	0.460486	-2.17162	0.387866	0.629301	-1.58906	0.781716	0.864715	-1.15645	0.59954	0.757859	-1.31951	0.392334	0.632177	-1.58184	0.56389	0.736902	-1.35703	0.931803	0.404138	3.85526	1
ap00148286	CTBP1,CTBP1	0.545201	0.826635	0.936794	-1.06747	0.384882	1.30368	1.30368	0.964705	1.01326	1.01326	0.439696	1.26438	1.26438	0.683729	1.12966	1.12966	0.608144	0.857326	-1.16642	0.6042222	0.532438	-1.87815	0.708094	1.11847	1.11847	0.433778	0.788399	-1.26839	0.931802	1.30759	1.24737	1
ap08082374	MMP15	0.545212	0.547302	0.716965	-1.39477	0.258585	2.28009	2.28009	0.112496	2.57269	2.57269	0.722789	0.823	-1.21507	0.977525	0.997471	-1.01553	0.830386	0.889301	-1.12448	0.185262	2.15613	2.15613	0.98259	0.988137	-1.01201	0.852388	1.10724	1.10724	0.931784	4.44408	4.21087	1
ap19061632	LOC100134713,NDUFB2	0.545214	0.544803	0.74197	-1.40017	0.226339	1.98712	1.98712	0.406617	1.59323	1.59323	0.530015	1.41768	1.41768	0.335247	0.579739	-1.72491	0.478974	0.67377	-1.48419	0.304328	0.557867	-1.79254	0.319661	1.75804	1.75804	0.170214	1.37002	0.931778	4.44191	4.23744	1
ap25386699	ADAMTS16	0.545215	0.635607	1.11319	1.11319	0.319657	1.25989	1.25989	0.694346	0.915101	-1.09278	0.131093	1.44225	1.44225	0.182441	1.3742	1.3742	0.574279	1.13599	1.13599	0.970841	0.991822	-1.00825	0.322295	0.794786	-1.2582	0.393197	1.21712	1.21712	0.931779	0.744731	0.710451	1
ap26796483	LOC144967	0.545225	0.620535	0.877398	-1.13973	0.010449	0.970944	-1.02992	0.800707	0.937233	-1.06697	0.540015	0.951686	-1.05108	0.194772	0.688067	-1.45335	0.530775	1.18105	1.18105	0.173443	1.46167	1.46167	0.208466	0.70644	-1.41555	0.621546	1.13929	1.13929	0.931778	1.01357	0.960919	1
ap04192923	DOK7,DOK7	0.54522	0.993385	1.00238	1.00238	0.434164	1.24472	1.24472	0.388772	0.776341	-1.28809	0.631993	0.870836	-1.14832	0.800499	1.07528	1.07528	0.407375	1.27503	1.27503	0.129944	1.59941	1.59941	0.365535	0.766073	-1.30536	0.298175	0.734109	-1.3622	0.931771	1.21234	1.15654	1
ap07226802	RHPN1	0.545228	0.250424	0.597017	-1.67516	0.062444	0.591781	-1.6901	0.683358	1.08297	1.08297	0.755255	1.18397	1.18397	0.242795	0.584516	-1.71096	0.619661	0.805423	-1.24158	0.289919	1.03813	1.03813	0.908185	0.720302	-1.38831	0.772339	0.883899	-1.13135	0.931776	2.24791	2.14971	1
ap26479658	ANKRD11	0.545251	0.997516	1.00183	1.00183	0.0794926	1.21917	1.21917	0.0781834	1.14827	1.14827	0.740356	1.21519	1.21519	0.443808	1.58021	1.58021	0.6958	1.25897	1.25897	0.484513	1.5164	1.5164	0.993154	1.00504	1.00504	0.836504	0.88594	1.12874	0.931719	5.06846	4.83547	1
ap20401101	AIFM3;AIFM3;AIFM3-AIFM3	0.545251	0.190817	1.56646	1.56646	0.278102	1.14123	1.14123	0.298804	1.41743	1.41743	0.831977	1.07126	1.07126	0.476123	1.26461	1.26461	0.152805	1.64234	1.64234	0.115582	1.74063	1.74063	0.208728	1.53628	1.53628	0.655188	1.15677	1.15677	0.931718	1.54912	1.47791	1
ap25423579	ZCCHC24	0.545253	0.68183	0.684105	-1.46176	0.0507053	0.126806	-7.76364	0.106447	0.197152	-5.07119	0.728216	0.725209	-1.37938	0.34163	2.92705	2.92705	0.567364	0.587178	-1.70306	0.623299	0.633844	-1.57767	0.749955	0.744915	-1.34243	0.899219	0.889857	-1.12378	0.931717	12.5167	11.3414	1
ap07142961	ROCK1;ROCK1	0.545253	?	?	?	0.447425	0.65486	-1.52704	0.516416	1.43194	1.43194	0.458332	0.661842	-1.51093	?	?	?	0.961191	0.973923	-1.02677	0.170929	2.24796	2.24796	0.931086	0.954117	-1.04809	0.237916	1.9792	1.9792	0.926742	3.20561	2.96487	1
ap06336691	OZZ4	0.545254	0.330357	0.761807	-1.31267	0.645349	0.280037	-1.13374	0.624607	0.807808	-1.41281	0.992888	0.816819	-1.22457	0.109273	0.950067	1.01711	1.01711	0.597299	0.865538	-1.15535	0.205858	0.696493	-1.43577	0.450018	1.05403	1.05403	0.931714	1.08258	1.03282	1
ap15971879	TTC15	0.545257	0.964872	0.986067	-1.01413	0.146036	1.64142	1.64142	0.88923	0.956608	-1.04536	0.672884	1.14487	1.14487	0.442287	0.797332	-1.25418	0.606704	1.17991	1.17991	0.183494	1.56769	1.56769	0.201052	0.53759	1.53759	0.452627	0.783667	-1.27605	0.931771	1.49783	1.42899	1
ap06402589	PTP4A3;PTP4A3	0.545264	0.247031	0.661204	-1.51239	0.302113	0.693938	-1.44105	?	?	?	0.916258	1.0366	1.0366	0.597542	0.833526	-1.19972	0.8854	1.05052	1.05052	0.171613	1.64445	1.64445	0.632775	1.17884	1.17884	0.306936	0.696637	-1.43547	0.920389	1.51356	1.64448	1
ap12157619	NGB	0.545267	0.991542	1.0076	1.0076	0.0151124	1.12049	1.12049	0.208953	1.58006	1.58006	0.437284	0.965157	-1.03599	0.0918	-1.08859	0.908859	0.14351	1.42792	1.42792	0.183742	1.30214	1.30214	0.106075	1.49182	1.49182	0.740525	0.927453	-1.07822	0.931692	0.757812	0.722907	1
ap12453500	FOXO4;FOXO4	0.545277	0.385724	0.532501	-1.87793	0.586211	0.677389	-1.47626	0.580436	0.673242	-1.48535	0.232358	2.42922	2.42922	0.690908	1.08636	1.08636	0.2844	0.45473	-2.19911	0.216756	2.51195	2.51195	0.483023	1.65732	1.65732	0.400769	1.83951	1.83951	0.931676	7.41032	7.07	1
ap18195130	EGF	0.545287	0.347534	0.704653	-1.41966	0.160644	0.751781	-1.33048	0.624888	0.794844	-1.25887	0.241423	1.34123	1.34123	0.0587	-1.70287	0.587029	0.329642	0.486166	-2.05739	0.185491	0.426069	-2.34704	0.364888	0.979891	-1.02052	0.6375	0.889	-1.12513	0.931721	1.76521	1.68321	1
ap03287740	ARMC1	0.545291	0.359223	1.28126	1.28126	0.450246	1.22417	1.22417	0.409069	1.24855	1.24855	0.50214	0.836041	-1.19611	0.979036	1.00693	1.00693	0.197089	0.698713	-1.4312	0.553133	1.17085	1.17085	0.136541	1.52455	1.52455	0.895231	0.965954	-1.03525	0.931652	0.1099	0.97309	1
ap10122766	TLE6;TLE6	0.545296	0.727401	0.913495	-1.0947	0.8697	1.13436	1.04336	0.889422	1.00662	1.00662	0.116332	0.64327	-1.55456	0.561492	0.859175	-1.16391	0.805685	1.0658	1.0658	0.242384	0.728235	-1.37207	0.107606	0.635088	-1.57459	0.309391	0.761877	-1.31255	0.931621	0.986243	0.941005	1
ap07236691	ENPP2;ENPP2;AFAP1	0.545315	0.436388	0.799	-1.25158	0.196964	0.439737	1.25158	0.0788108	1.76862	1.76862	0.565633	1.25004	1.25004	0.0802	-1.24696	0.801603	0.578754	1.34513	1.34513	0.215582	1.92433	1.92433	0.0775383	2.87077	2.87077	0.004024	1.22358	1.22358	0.931613	4.12367	3.93455	1
ap14905665	NRP2;NRP2;NRP2 -TMED7;TMED7-TICAM2;TMED7-TICAM2	0.545321	0.771348	0.948029	-1.05482	0.439929	0.865663	-1.15518	0.402962	1.16971	1.16971	0.307493	0.824091	-1.21346	0.194918	0.777938	-1.28545	0.911119	1.02066	1.02066	0.125314	0.737968	-1.35507	0.32532	0.83026	-1.20444	0.331037	0.832193	-1.20164	0.931602	0.494033	0.472241	1
cg17765178	TICAM2	0.545323	0.401719	0.680773	-1.46802	0.847653	1.08999	1.08999	0.0457198	2.76083	2.76083	0.889295	1.06441	1.06441	0.904008	1.05554	1.05554	0.744201	1.158	1.158	0.554889	0.765227	-1.3068	0.47904	0.7244	-1.38045	0.678889	0.829848	-1.20548	0.9316	2.9617	2.82592	1
cg17250302	DCHS1	0.545325	0.747034	1.43363	1.43363	0.518823	0.480521	-2.08108	0.570739	0.526917	-1.89783	?	?	?	?	?	?	0.683424	1.07991	1.07991	0.42465	1.58232	?	?	?	?	?	0.164232	0.178835	-5.59176	0.860112	6.85266	9.95897	1
cg12241297	HNRNPA0	0.545326	0.925791	1.01762	1.01762	0.0772	1.13201	1.13201	0.850929	1.03593	1.03593	0.469682	1.14788	1.14788	0.131141	0.736669	-1.35746	0.643424	1.07991	1.07991	0.42465	1.58232	-1.16519	0.3643	0.19101	1.19101	0.730209	1.06706	1.06706	0.931595	0.518731	0.494851	1
ap18564808	ANTXR1;ANTXR1;ANTXR1	0.545333	0.433717	0.87512	1.87512	0.504397	1.70427	1.70427	0.711776	0.751047	-1.33147	0.205338	2.86212	2.86212	0.652076	1.42932	1.42932	0.434752	1.87236	1.87236	?	?	?	0.1341	0.280425	-3.56602	0.961658	0.962874	-1.03856	0.920273	8.02408	8.71925	1
ap26001750	PAFAH2;PAFAH2	0.545333	0.960493	0.988994	-1.01116	0.663844	1.14731	1.14731	0.624812	1.04123	1.04123	0.883884	1.14731	1.14731	0.0433	-1.74859	0.572006	0.725604	1.37826	1.37826	0.0496	2.01496	2.01496	0.0194	2.16264	2.16264	0.0148	2.16264	2.16264	0.931583	6.82422	6.12188	1.2515	1.2515

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(4T vs. N)	Fold-Change(4T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg11444369	ZNF140		0.849681	0.997796	1.04189	0.467792	1.15603	1.15603	0.114781	1.40015	1.40015	0.102808	0.704573	1.4193	0.921331	1.01958	1.01958	0.96109	1.00962	1.00962	0.775076	0.945327	1.05783	0.605466	0.902791	1.10768	0.948404	0.98738	0.030495	0.567598	0.542219	1
cg15072038	COMMD2		0.546	0.530352	0.748023	-1.13686	0.20512	0.543013	-1.84158	0.494748	0.728569	-1.37255	0.909333	1.05341	1.05341	1.008606	0.449615	-2.2413	0.414083	0.682944	-1.46425	0.919378	1.04733	0.74733	0.142335	1.06802	0.814283	1.46585	1.46585	0.231304	0.563565	-1.77442	0.030476	3.07429	2.936869	1
cg02085160	FADS1		0.546012	0.143315	1.60144	1.60144	0.885519	1.04408	1.04408	0.596445	1.17352	1.17352	0.314744	1.36515	1.36515	0.644043	1.14948	1.14948	0.175941	1.53855	1.53855	0.283866	0.716516	-1.39564	0.696101	0.889115	-1.12471	0.703489	0.891814	-1.12131	0.930456	1.32109	1.26208	1
cg20699200	LOC93622		0.546024	0.317825	0.337756	-2.96069	0.4785	0.469779	-2.12802	0.827171	0.79553	-1.25702	0.525501	1.96254	1.96254	0.166547	0.74967	0.74967	0.400603	0.405139	-2.46207	0.431263	2.32279	2.32279	0.263145	0.298081	-3.41423	0.851204	0.821652	-1.21706	0.939159	1.53084	1.31913	1
cg13008252	TTC7B		0.546028	0.292532	0.635374	-1.57388	0.298197	1.56497	-1.56497	0.506485	0.755831	-1.32305	0.142335	0.519422	-1.92532	0.219563	0.335459	1.51061	1.51061	0.737129	0.869434	-1.15017	0.580167	0.792911	-1.26117	0.681377	1.18704	1.18704	0.467997	0.73588	-1.35892	0.030429	2.5418	2.42832	1
cg14783837	IDH3G;SSR4;IDH3G		0.546038	0.668126	0.561418	-1.7812	0.682546	1.73398	1.73398	0.386782	1.32787	1.32787	1.27878	1.27878	1.010784	1.01879	1.01879	0.343772	1.68916	1.68916	0.31903	0.25198	-3.96837	0.393301	0.330225	-3.22347	0.943949	0.910177	-1.09869	0.687355	1.71863	1.71863	0.030412	26.4005	25.2223	1
cg26796981	CPSF4;PTCD1;CPSF4		0.546057	0.463566	0.833129	-1.20029	0.319935	1.28595	1.28595	0.101011	1.55191	1.55191	0.445365	0.826654	-1.2097	0.876393	1.03882	1.03882	0.870273	0.960794	-1.04081	0.243544	0.741864	-1.34796	0.874239	0.961982	-1.03952	0.780073	0.933796	-1.0709	0.930381	0.882335	0.842585	1
cg12270795	PIKFC1		0.546061	0.84863	0.968075	-1.03298	0.892979	1.12313	1.12313	1.02312	0.542169	0.90047	-1.11053	0.486893	0.886737	-1.12774	0.511747	0.892953	0.89225	-1.12088	0.779381	0.952688	-1.04966	0.581566	0.909703	-1.09926	0.931599	0.817855	-1.22274	0.0749656	1.40831	1.40831	0.939095	0.41965	0.947563	1
cg06723507	NUPR1;NUPR1		0.546067	0.923997	0.989757	-1.01035	0.496603	1.07732	1.07732	0.785069	0.970934	-1.02994	0.919983	1.02775	1.02775	0.962004	1.05272	1.05272	0.875348	0.983204	-1.01708	0.817573	1.17001	1.17001	0.174346	0.855634	-1.16872	0.160005	0.850455	1.17584	1.17584	0.753553	0.163905	1
cg16707438	ADARB2		0.546069	0.193098	0.660761	-1.51341	0.256841	1.42767	1.42767	0.685985	1.13008	1.13008	0.212635	1.48427	1.48427	0.632361	1.15605	1.15605	0.566049	1.19068	1.19068	0.16548	1.56054	1.56054	0.985081	0.994391	-1.00564	0.57687	1.18481	1.18481	0.930361	1.33368	1.27423	1
cg04313114	PDE10A;PDE10A		0.546071	0.284773	0.813554	-1.22896	0.0966	1.31268	1.31268	0.0966	1.27667	0.973538	1.029331	0.6218684	1.042621	0.964263	1.03677	1.03677	0.776959	0.97161	-1.02922	0.316888	1.14065	1.14065	0.303451	1.13999	1.11399	0.111924	1.19164	1.19164	0.930358	0.151156	0.744419	1
cg19776793	SLC38A10;SLC38A10		0.546073	0.261507	0.43371	-2.30569	0.183501	0.3654	-2.73673	0.965899	0.96996	-1.03097	?	?	0.273814	0.443779	-2.25338	0.254688	0.428064	-2.3361	0.162857	0.345493	-2.89442	0.444642	0.573535	-1.74357	0.74263	1.26502	1.26502	0.91902	0.58522	1.56548	1
cg16424082	METTL7A		0.546082	0.462324	0.466469	-2.14376	0.269109	3.2318	3.2318	0.187349	1.45946	1.45946	0.919495	1.11759	1.11759	0.309626	0.618953	0.618953	0.926219	0.876569	0.835342	-1.17245	0.913382	0.918278	1.089	0.995602	0.995667	-1.00435	0.680978	0.656022	-1.53434	0.902339	15.324	14.6987	1
cg11110248	MANBA		0.546083	0.52894	0.864895	-1.15625	0.688888	1.0959	1.0959	0.821624	0.94712	-1.05583	0.958288	0.988169	-1.01197	0.720563	1.08517	1.08517	0.123683	0.684579	-1.46118	0.157291	0.70883	-1.41077	0.761862	0.991178	-1.07161	0.243107	1.3204	1.3204	0.930337	0.762921	0.728931	1
cg09225489	PRKCZ;PRKCZ-PRKCZ		0.546093	0.773465	1.24556	1.24556	0.187411	2.89507	2.89507	0.147986	3.257	3.257	0.828013	1.18002	1.18002	0.331753	0.47101	2.1231	0.428672	0.540781	-1.84918	0.4158	0.53111	-1.88265	0.955452	1.59192	1.59192	0.977923	0.979167	-1.02128	0.902381	0.852898	0.814915	1
cg14843868	LRP8;LRP8;LRP8;LRP8		0.546101	0.255362	0.782908	-1.27729	0.708052	1.92472	-1.08287	0.113233	0.700997	1.92472	-1.08287	0.113233	0.700997	1.92472	-1.08287	0.113233	0.700997	0.532731	-1.87712	0.115131	0.274184	-3.64719	0.690019	0.74336	-1.34624	0.154144	0.315912	-3.16542	0.154144	0.315912	-3.16542	0.154144	0.315912	-3.16542

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error
cg11540055	ATG2A	0.54699	0.484845	1.14498	0.384431	1.1854	0.132772	1.36254	0.549368	0.880886	0.112248	0.579209	0.11275	0.11275	0.997753	1.00054	1.00054	0.129674	1.36648	0.647344	0.915903	1.00182	0.286916	1.23479	0.328833	0.535108	0.512095	1
cg24284460	TRAK1	0.546999	0.269913	0.1241	0.852331	0.297219	0.14054	7.11544	0.263537	8.30039	0.830039	0.935672	1.15785	1.15785	0.766664	1.71656	1.71656	0.278316	0.129141	0.74348	0.753744	1.77076	1.77076	0.554893	2.9577	2.9577	0.219548	0.0959249	10.4248	0.928419	48.498	46.1131	1
cg27533534	KIF5C	0.547003	0.353007	1.55169	1.55169	0.1991319	1.865861	1.865861	0.232625	1.77787	1.77787	0.5982	1.27695	1.27695	0.417444	1.46367	1.46367	0.165947	1.97226	1.97226	0.0754585	2.48381	2.48381	0.437085	1.43971	1.43971	0.585346	1.28824	1.28824	0.928812	3.10888	2.97525	1
cg11644370	LLGL2;LLGL2;LLGL2	0.547013	0.18935	0.260257	-1.84304	0.853549	1.195984	1.195984	0.846095	0.826475	-1.20704	0.562057	0.856987	-1.76408	0.121643	0.190464	-3.0776	0.771975	0.703619	-1.42224	0.228524	0.294124	-3.39992	0.131269	0.200646	-4.84353	0.330558	0.378426	-2.64369	0.928796	13.7922	13.1996	1
cg02455571	NOS1AP;NOS1AP	0.547047	0.291135	1.50267	1.50267	0.306395	0.674573	-1.48242	0.338198	0.692898	-1.44321	0.502004	1.28828	1.28828	0.817372	1.0898	1.0898	0.741099	1.13118	1.13118	0.283301	1.5135	1.5135	0.149777	1.77549	1.77549	0.996872	0.998544	-1.00146	0.928474	2.03291	1.94568	1
cg03547746	SOX9;SOX9 CEP63;ANAPC13;ANAPC13;CEP63;ANAP	0.547049	0.760944	0.906697	-1.1029	0.916889	1.03531	1.03531	0.49855	1.25691	1.25691	0.977647	0.990719	1.00917	0.880333	0.951099	-1.05141	0.726166	1.12414	1.12414	0.121131	0.571577	-1.74955	0.24472	1.49929	1.49929	0.164169	1.63801	-1.63891	0.928739	1.62693	1.55929	1
cg24268236	C15;CEP63;CEP63	0.547049	0.613457	0.943037	-1.06266	0.540828	1.07664	1.07664	0.435599	1.09955	1.09955	0.552901	0.930882	-1.07425	0.522384	0.925564	-1.08042	0.810452	1.02908	1.02908	0.208473	0.853675	-1.17141	0.294028	0.878221	-1.13866	0.175543	1.18751	1.18751	0.928736	0.20938	0.200997	1
cg15900544	C17orf77;S100A13;C1orf77	0.547059	0.318509	1.55769	1.55769	0.0969239	2.188661	2.188661	0.342145	1.5231	1.5231	0.660145	1.20951	1.20951	0.313448	1.56546	1.56546	0.912337	1.04848	1.04848	0.095564	2.197	2.197	0.30796	1.57748	1.57748	0.744291	1.15108	0.928719	2.71819	2.60161	1
cg21122375	SPIN4	0.547073	0.956823	1.04202	1.04202	0.68698	1.36102	1.36102	0.489401	0.585635	-1.70755	0.194357	0.348904	-2.86612	0.472877	0.5732	-1.74459	0.363112	0.489869	-2.04136	0.656652	1.40565	1.40565	0.165375	3.11501	3.11501	0.458784	1.77736	1.77736	0.937336	8.40068	6.97068	1
cg08404513	BAZ1B	0.547076	0.514668	1.13898	1.13898	0.941695	1.96676	1.96676	0.153483	0.827109	-1.20903	0.163433	0.827109	-1.20903	0.153531	1.89991	1.89991	0.553744	0.993566	1.00649	0.98444	1.11552	0.111642	2.07031	0.2588	3.86422	0.164021	0.571443	1.27149	0.928869	2.59448	2.48328	1
cg03802982	CDH1	0.54708	0.969507	1.02625	1.02625	0.9724	1.02373	1.02373	0.78877	0.833765	-1.19965	0.289985	2.10542	2.10542	0.542585	0.658468	-1.51868	0.115818	3.18596	3.18596	0.373285	1.85819	1.85819	0.134402	2.98693	2.98693	0.44562	1.69398	1.69398	0.928684	6.7594	6.46975	1
cg21833751	THOC5;THOC5;THOC5;THOC5	0.547079	0.445294	0.842094	-1.18752	0.187478	0.73108	-1.36796	0.59057	0.8866	-1.12765	0.934134	1.03845	1.03845	0.810946	0.938019	0.907242	1.423	0.3851	0.821446	-1.21756	0.965947	1.06197	1.06197	0.963801	1.29154	1.29154	0.810455	1.05451	1.05451	0.928667	0.717578	0.686841	1
cg09342697	DMXN;DMXN;DMXN;DMXN	0.547095	0.889087	0.895925	-1.11616	0.915684	0.954789	-1.81858	0.246248	2.59875	2.59875	0.618052	0.673072	-1.48573	0.377772	2.03962	2.03962	0.985169	1.01836	1.01836	0.318292	0.4438	-2.25327	0.782497	0.804161	-1.24353	0.223717	2.73672	2.73672	0.92866	9.12318	8.73247	1
cg16797714	SCRIB;SCRIB	0.547106	0.104699	0.700927	-1.42668	0.622739	1.10447	1.10447	0.793332	1.05402	1.05402	0.289631	0.802321	-1.24638	0.232712	0.778203	-1.28501	0.533814	1.13459	1.13459	0.316376	0.812556	-1.23068	0.927502	1.00693	1.00693	0.826065	1.04509	1.04509	0.928641	0.590581	0.5653	1
cg04428314	UBE2A;UBE2A	0.547112	0.233136	0.317585	-1.14876	0.304776	0.428743	-2.3124	0.451633	0.494802	-2.02101	0.123988	0.43067	-2.32321	0.157137	1.3324	1.3324	0.263485	0.943516	-2.92818	0.166286	0.810715	1.03715	0.70591	0.706228	-1.41597	0.966519	1.03926	1.03926	0.928631	12.3803	11.8304	1
cg19027053	ATG4D	0.547116	0.0590432	0.187024	-5.34689	0.981993	0.982408	-1.01791	0.460255	0.553636	-1.80624	0.667115	1.40536	1.40536	0.612108	1.49502	1.49502	?	?	?	0.459599	0.55314	-1.80786	0.827267	1.18751	1.18751	0.419932	0.523064	-1.91181	0.917255	7.98643	8.70689	1
cg03219705	TSPAN7	0.547123	0.150262	0.200852	-4.97878	0.940934	0.448152	-2.23139	0.763884	0.732238	-1.36568	0.648403	5.02091	5.02091	0.521575	1.10504	1.10504	0.197078	0.241839	-4.13499	0.889484	0.865261	-1.15572	0.975744	0.968848	-1.03215	0.886671	1.16002	1.16002	0.928613	15.9914	15.2537	1
cg02089643	TSPAN33	0.547127	0.1052668	0.2599	-3.8	0.364563	0.539973	-1.85194	0.567684	0.682468	-1.46527	0.298685	2.03901	2.03901	0.377937	1.81911	1.81911	0.250278	0.23158	0.21358	0.979718	1.0178	1.0178	0.968901	1.0263	1.0263	0.973445	1.29485	1.29485	0.928607	0.643734	0.15856	1
cg08219531	RYBP	0.547131	0.582632	0.770116	-1.29851	0.168649	0.501402	-1.99441	0.771665	0.872013	-1.14677	0.754042	1.15943	1.15943	0.931712	0.960466	-1.04116	0.205906	0.533656	-1.87387	0.299417	1.65891	1.65891	0.491205	1.38969	1.38969	0.329581	1.60568	1.60568	0.9286	3.25777	3.11845	1
cg00069314	C2CD3;CLCN3;CLCN3;CLCN3	0.547135	?	?	?	0.370792	2.58188	2.58188	0.222866	2.84614	2.84614	?	?	?	?	?	?	0.324105	2.2702	2.2702	0.197277	0.04884	20.4688	0.154805	2.58188	2.58188	0.222866	2.84614	2.84614	0.928603	0.302999	0.5438	5.01611	1
cg11443683	STK32C	0.547135	0.762	0.797278	-1.25427	0.581545	1.51463	1.51463	0.221701	2.60647	2.60647	0.802443	1.20535	1.20535	0.292754	0.443042	-2.25712	0.747018	1.27303	1.27303	0.169304	0.335507	-2.98056	0.32064	2.14978	2.14978	0.463755	1.74406	1.74406	0.928592	8.18134	7.83154	1
cg07264007	BCR;YN1;TAF1;TAF1	0.547141	0.172478	0.2911	-3.43511	0.204584	0.584584	-1.71002	0.431994	0.643394	-1.55478	0.214611	0.68332	-1.46332	0.208937	0.7224	-1.38451	0.176545	0.78552	-1.27355	0.842311	1.18703	0.84258	-1.18681	0.822902	-1.21521	0.666366	1.43223	1.43223	0.82609	1.19918	1.19918	0.928585	10.2966	9.63819	1
cg20416767	TCEAL8;TCEAL8	0.5474	0.222413	0.256551	-3.89787	0.146945	0.191767	-5.21467	0.621163	0.58947	-1.69644	0.223951	0.87855	0.87855	0.852179	0.820443	1.21885	0.278425	0.302484	-3.30596	0.906078	0.882296	-1.13341	0.946653	0.931467	-1.07358	0.588226	1.78596	1.78596	0.928585	16.5546	15.8469	1
cg11422551	RGL1	0.547145	0.213012	0.360042	-2.77745	0.283985	0.42022	-2.37971	0.469792	0.563954	-1.77319	0.460741	0.557141	-1.79488	0.145949	0.296452	-3.37322	0.96169	1.08112	1.08112	0.35651	0.09117	0.09117	0.948078	0.471658	-2.12018	0.319626	0.448845	-2.22794	0.928576	8.92256	8.54121	1
cg18357908	LTBP4L;LTBP4L;LTBP4	0.547159	0.516236	0.8183	-1.22241	0.582284	1.2532	1.2532	0.947572	0.826903	-1.20933	0.659308	0.832959	-1.20147	0.686157	0.882304	-1.13355	0.323308	0.654091	-1.52874	0.26121	0.51253	1.62253	1.62253	0.905501	-1.10429	0.337488	0.664754	1.50452	0.928553	2.50787	2.40074	1
cg03650139	HEMK1	0.547163	0.248003	0.462993	-2.15986	0.828282	0.910819	-1.09791	0.291414	2.00816	2.00816	0.492256	1.55695	1.55695	0.0857832	2.09827	-3.39183	0.802201	0.852996	-1.17234	0.634876	0.738186	-1.3543	0.863372	1.11526	1.11526	0.919766	0.998185	-1.00589	0.93718	5.82719	4.83606	1
cg00742340	MEC92	0.547184	0.402865	0.76493	-1.30725	0.764495	1.3209	1.3209	0.763884	0.738633	-1.35444	0.697342	0.748786	-1.33604	0.707182	0.840786	-1.27044	0.545864	1.50027	1.50027	0.262795	0.20743	2.09743	0.478378	2.57609	2.57609	0.275111	1.12447	1.12447	0.928512	6.4745	6.20013	1
cg18682421	SLC46A3;SLC46A3	0.547185	0.861759	0.18699	1.08699	0.505441	5.723609	-1.38179	0.653852	1.24111	1.24111	0.609183	1.27987	1.27987	0.80596	1.125	1.125	0.065443	1.371738	2.69007	0.879575	1.07525	1.07525	0.178823	1.50484	-1.98079	0.184868	1.0991	1.0991	0.928505	1.36785	3.22416	1
cg06652146	CDNF;CDNF;HSPA14	0.547203	0.447928	1.21341	1.21343	0.854488	0.955119	-1.04699	0.343998	1.27611	1.27611	0.154373	1.46424	1.46424	0.826287	1.05652	1.05652	0.174617	1.435	1.435	0.601062	1.14106	1.14106	0.265602	0.748135	-1.33666	0.383737	1.25032	1.25032	0.928481	0.920005	0.880774	1
cg04732404	FAM38A	0.547204	0.596314	1.08533	1.08533	0.9552	1.03722	1.03722	0.120038	1.23305	1.23305	0.188723	1.08772	1.08772	0.840056	1.01502	1.01502	0.324105	2.2702	2.2702	0.197277	0.04884	20.4688	0.154805	2.58188	2.58188	0.222866	2.84614	2.84614	0.928477	0.302999	0.5438	5.01611	1
cg01020792	AKR1A1;AKR1A1	0.547211	0.77261	1.07143	1.07143	0.233773	0.742638	-1.34655	0.616115	1.12791	1.12791	0.170034	1.40126	1.40126	0.368935	1.24576	1.24576	0.993505	1.228	1.228	0.380512	0.807179	-1.12888	0.4208	0.822134	-1.21635	0.946976	0.985082	-1.01514	0.928467	0.83189	0.798344	1
cg04788956	PARD6A;ACD;ACD;PARD6A;ACD	0.547228	0.83738	1.09128	1.09128	0.7819	0.784584	1.17602	0.291714	1.18935	1.18935	0.799388	1.19059	1.19059	0.864018	1.03982	1.03982	0.553409	1.39152	-1.27755	0.842311	1.20759	1.18159	0.651103	0.958463	-1.04313	0.683092	0.604433	-1.65471	0.928462	0.672007	0.599	1
cg01118653	BANP;BANP	0.547236	0.707118	1.08194	1.08194	0.871862	1.03426	1.03426	0.775054	1.06161	1.06161	0.457839	1.17088	1.17088	0.784889	1.05875	1.05875	0.201991	0.754944	-1.3246	0.0853366	1.48719	1.48719	0.977434	0.994115	-1.00592	0.368759	0.824791	1.21243	0.928426	0.64022	0.612956	1
cg11594566	NCRNA00086	0.547249	0.390205	0.132967	-7.52067	0.647555	0.940237	-2.86511	0.826978	0.606596	-1.64854	0.292024	12.3065	12.3065	0.427282	6.40041	6.40041	0.153631	0.294554	-3.39497	0.187661	0.0400962	-24.94	0.602823	0.301145	-3.32066	0.999557	0.998733	-1.00127	0.937031	75.7249	62.8551	1
cg08944318	P3B	0.547253	0.221595	0.839583	-1.19107	0.177721	1.21523	1.21523	0.562513	0.923406	-1.08295	0.307247	1.15471	1.15471	0.264778	1.17138	1.17138	0.366175	1.13468	1.13468	0.956892	0.99267	-1.00738	0.835639	1.02868	1.02868	0.597146	1.07529	1.07529	0.928398	0.272346	0.260756	1
cg05702603	TMEM56	0.547254	0.698546	1.44753	1.44753	0.5	1.20035	1.20035	0.496016	0.749402	-1.33434	0.95364	0.95364	0.95364	0.952574	1.0487	1.0487	0.703634	1.43836	1.43836	0.354541	0.37883	0.37883	0.070959	0.9661	1.03414	0.30414	0.32	3.12593	2.75793	1			1
cg13736039	PMM1	0.547264	0.188608	2.6906	2.6906	0.49072	1.63912	1.63912	0.136553	0.318962	-3.13157	0.388195	1.86858	1.86858	?	?	?	0.983585	0.985616	-1.01459	0.531876	1.55288	1.55288	0.343778	1.25999	1.25999	0.638448	1.39607	1.39607	0.928518	3.62679	5.9808	1
cg25314266	SCARB2	0.547265	0.855351	0.937005	-1.06723	0.56009	0.810503	-1.2338	0.64133	0.84596	-1.18209	0.344959	0.572258	-1.74746	0.155829	0.581914	-1.71847	0.637863	0.844467	-1.18418	0.229013	0.637555	-1.56849	0.285568	1.48509	1.48509	0.540742	0.801874	-1.24708	0.928377	1.86919	1.78988	1
cg15036229	FAM60A;FAM60A;FAM60A	0.547267	0.933559	1.07154	1.07154	0.978512	0.978512	1.02542	0.155774	1.40931	1.40931	0.471342	0.598812	1.67032	0.0178	1.19354	1.19354	0.813775	0.953745	-1.0485	0.443158	0.851187	-1.17483	0.163984	0.747397	-1.33794	0.367521	1.12297	1.12297	0.928375	0.592251	0.567061	1
cg12870876	ICA1L;ICA1L;ICA1L	0.547267	0.884759	0.940807	-1.06292	0.681415	1.18967	1.18967	0.3079	1.55901	1.55901	0.635841	1.22224	1.22224	0.593164	0.79711	-1.25453	0.336363	0.658983	-1.51749	0.183372	0.511076	-1.95666	0.325896	1.70752	1.70752	0.753098	1.14198	1.14198	0.928374	2.6027	2.49201	1
cg16907541	EPB3A	0.547272	0.833217	0.955671	1.04623	0.775145	1.31393	1.31393	0.738882	0.842502	-1.18743	0.386157	0.688274	-1.45252	0.164174	0.586157	-1.70604	0.603444	1.08626	1.08626	0.748107	1.11925	1.11925	0.196097	0.549588	-1.81923	0.108071	0.283656	0.492924	1.04076	0.928354	1.66753	1.60924	1
cg20067089	ZCWPW1	0.547286	0.274827	4.32927	4.32927	0.624848	1.76203	1.76203	0.77645	1.44365	1.44365	0.360553	3.3613	3.3613	0.16927	6.61086	6.61086	0.360933	3.3579	3.3579	0.217745	0.187803	-5.32471	?	?	0.817417	1.34752	1.34752	0.916968	2.14743	23.4189	1
cg13780817	NT5E	0.547287	0.888705	0.976719	-1.02384	0.912454	1.19405	1.19405	0.674786	0.896943	-1.03152	0.580596	1.08638	1.08638	0.649759	0.738313	-1.35444	0.897342	0.96128	0.9775	0.962396	0.945886	1.1199	1.1199	0.477323	1.12958	1.12958	0.538981	1.11299	1.11299	0.928341	0.418562	0.400391	1
cg06079275	ADAM19	0.547289	0.153109	0.438912	-2.27834	0.383416	0.618123	1.6178	0.660858	0.781267	-1.28036	0.491935	0.686818	1.45599	0.400285	0.629128	1.5895	0.848505	0.680553	-1.46918	0.0913102	0.347544	-2.72073	0.235026	0.511752	-1.95407	0.154704	0.445048	-2.24492	0.928337	4.25936	4.07836	1
cg03429034	ZKSCAN1	0.547293	0.642697	0.910235	-1.09862	0.853013	1.03831	1.03831	0.117068	0.709833	-1.40878	0.983165	1.00426	1.00426	0.487749	1.15248	1.15248	0.967461	1.00825	1.00825	0.874492	0.968679	-1.03233	0.417924	1.18133	1.18133	0.124126	1.39823	1.39823	0.928331	0.595843	0.570527	1
cg23709855	RAB28;RAB28;RAB28	0.547302	0.254093	1.58347	1.58347	0.854207	0.073534	1.77167	0.132126	0.534208	1.87732	0.213826	0.806703	1.66273	0.711595	0.8603	-1.1541	0.912036	1.09763	1.09763	0.731398	0.777063	-1.2869	0.745422	0.944506	1.11398	0.281672	0.649342	-1.54002	0.928316	0.818863	1.20683	1.20683	1
cg07697275	SNX8	0.547313	0.953358	0.980728	-1.01965	0.366959	0.734659	-1.36118	0.320113	0.70149	-1.40748	0.22995	0.657664	-1.52053	0.131688	0.581941	-1.71839	0.624244	0.848527	-1.17851	0.279504	1.45361	1.45361	0.793411	1.09125	1.09125	0.444699	0.771652	-1.29592	0.928298	1.62738	1.5583	1
cg14318240	C1F7B;C1F7B	0.547315	0.062957	0.669438	-1.49329	0.33863	0.896716	-1.11518	0.9119	1.03955	1.03955	0.459124	0.875876	-1.14271	0.414038	0.864207	-1.15731	0.631977	0.919034	-1.0881	0.324424	0.836564	-1.19537	0.157986	0.756187	-1.32242	0.926273	0.837498	-1.19403	0.928294	0.940109	0.431002	1
cg01116059	SNCAIP	0.547322	0.0328303	0.496319	-2.00205	0.768567	0.111	-1.23593	0.936395	0.6897	-1.45027	0.268191	0.851303	-1.17481	0.391643	0.932565	-1.07731	0.650287	0.727226	-1.37509	0.565842	0.559961	-1.78524	0.946	0.952537	-1.04983	0.887349	1.10711	1.10711	0.928287	1.57647	1.52491	1
cg18269503	HIST1H4C;HIST1H4C	0.547325	0.630404	0.842686	-1.18668	0.989618	1.0046	1.0046	0.156194	0.585346	-1.70839	0.904257	0.958406	-1.0434	0.191116	0.613437	-1.63016	0.386447	1.36813	1.36813	0.37447	0.726354	-1.37674	0.787395	1.10014	1.10014	0.296049	1.466	1.466	0.928286	1.8325	1.75472	1
cg00774867	PRDM15;PRDM16	0.547326	0.722454	1.08156	1.08156	0.912078	0.748675	1.18575	0.523909	0.862289	-1.16105	0.622128	0.888735	-1.12459	0.695132	0.61582	-1.5352	0.603884	0.88626	-1.12834	0.31075	0.724783	1.38009	0.725385	0.707392	0.807693	-1.23846	0.928277	0.807693	1.01246	0.928403	1.74203	1
cg11350728	GTF2H4	0.547326	0.351083	0.828469	-1.20705	0.82563	0.964195	-1.03713	0.602184	0.902021	-1.10862	0.575496	0.895002	-1.11732	0.16997	0.750817	-1.33188	0.361327	1.202	1.202	0.511609	0.877635	-1.13943	0.675997	0.920893	-1.0859	0.0814767	0.684802	-1.46028	0.928276	0.565202	0.54122	1
cg20959240	OR4D2;SARNP;SARNP;SARNP	0.547329	0.464367	0.928505	-1.08014	0.438693	1.08562	1.08562	0.574784	0.69073	-1.06073	0.819144	1.02411	1.02411	0.596042	0.945878	-1.05722	0.908549	-1.01425	0.146028	0.848107	-1.1791	0.847651	1.01651	1.01651	0.129332	1.18583	1.18583	0.928255	0.159023	0.152279	1
cg05339942	HRNBP3	0.547353	0.555811	0.675412	-1.48058	0.874935	1.46417	1.46417	0.717583	0.987226	-1.27028	0.643079	0.735386	-1.35983	0.803946	0.848891	-1.17801	0.83381	0.80763	-1.1482	0.118626	0.32766	-3.05194	0.874627	0.902124	-1.1096	0.893903	0.915865	-1.09186	0.928232	6.37756	6.10724	1
cg24783356	CNTN5;CNTN5 YWHAZ;YWHAZ;YWHAZ;YWHAZ;YWHA	0.547354	0.151472	0.559542	-1.66794	0.836974	1.07099	1.07099	0.281023	1.45204	1.45204	0.436109	0.767612	-1.30274	0.149896	0.598188	-1.67171	0.32693	0.713994	-1.40057	0.935267	0.973323	-1.02741	0.90972	1.03848	1.03848	0.936933	1.02669	1.02669	0.92823	1.62892	1.55989	1
cg12039242	Z;YWHAZ	0.547356	0.194938	2.24921	2.24921	0.455876	1.56677	1.56677	0.365562	1.73266	1.73266	0.125727	2.66353	2.66353	0.117509	2.73234	2.73234	0.233784	2.09182	2.09182	0.884427	0.917598	-1.0898	0.4828	1.52458	1.52458	0.579946	1.39668	1.39668	0.928227	5.13904	4.92125	1
cg12345672	SND1	0.547356	0.922366	0.971045	1.03232	0.153282	1.1244	1.1244	0.35224	0.985239	1.07678	0.984	1.08495	1.08495	0.814655	1.06494	1.06494	1.17302	1.17302	0.115753	1.72598	1.72598	0.0843358	1.82726	1.82726	1.82726	0.14275	1.4655	1.4655	1.14031	0.928227	1.4655	1.14031	1
cg13090402	TTC15	0.547359	0.943435	0.96868	-1.03233	0.298927	1.62059	1.62059	0.195835	1.84673	1.84673	0.94828	1.02952	1.02952	0.128425	0.478582	2.08951	0.952471	0.973624	-1.02709	0.889727	0.939686	-1.06419	0.605053	1.26357	1.26357	0.325948	0.634564	-1.57588	0.928222	2.95625	2.83098	1
cg13706979	CAPN9;CAPN9	0.547361	0.839005	1.40368	1.40368	0.943261	0.888118	-1.12598	0.934517	1.14681	1.14681	0.943826	1.12464	1.12464	0.663881	0.482462	-2.0727	0.858892	1.34534	1.34534	0.0623963	0.0330182	-32.9944	0.317772	0.59212	0.59212	0.270385	0.77333	0.77333	0.928219	40.8493	39.1184	1
cg07692489	CAHM;EP1;CAHM;EP1	0.547363	0.720306	0.62867	-1.59048	0.2994109	1.856431	1.856431	0.447203	0.770533	1.29776	0.167642	1.04029	1.04029	0.78773	0.937212	-1.06626	0.475047	1.27268	1.27268	0.178951	0.909515	-1.09949	0.582559	0.970153	-1.03077	0.134054	1.39828	1.39828	0.928212	1.26444	1.55993	1
cg03751162	TSR2	0.547367	0.208057	0.289888	-3.44961	0.63653	0.640653	-1.56091	0.536753	0.557923	-1.79236	0.19727	3.5664	3.5664	0.374883	0.427565	-2.33882	0.419844	0.463529	-2.15736	0.13157	0.240409	-4.15958	0.936794	1.07679	1.07679	0.959113	0.953299	-1.04899	0.928209	12.7937	12.2517	1
cg05637266	ZNF799	0.547369	0.318644	1.11198	1.11198	0.81967	1.2346	1.2346	0.75187	1.33975	1.33975	0.117647	1.2049663	1.2049663	0.888057	0.880382	1.22703	1.2732	1.78509	1.78509	0.0111	0.0111	0.0111	0.0111	1.75001	1.75001	0.0111	0.0111	0.0111	0.0111	0.0111	0.0111	0.0111	1
cg17366544	SHARPIN	0.547383	0.652325	0.20312	-1.20312	0.578017	1.2575	1.2575	0.12649	1.96211	1.96211	0.294355	1.55809	1.55809	0.200456	0.579343	1.72609	0.549272	0.78109	-1.28026	0.729674	0.868105	-1.15193	0.699101	1.1716	1.1716	0.592996	0.802532	1.24606	0.928182	1.44395	1.24049	1
cg01570158	NAV2	0.547397	0.245075	0.543

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg22880246	PTDN6;WDR46;WDR46	0.547381	0.773819	0.943821	1.05952	0.251789	0.786442	-1.27155	0.12258	1.39896	1.39896	0.5154	0.876037	-1.14515	0.327854	0.816552	-1.22466	0.438222	0.851679	-1.17415	0.530167	0.880201	-1.1361	0.822151	1.04621	1.04621	0.34782	0.823688	-1.21405	0.927358	0.591375	0.566844	1
cg14024209	PARD3B;PARD3B;PARD3B	0.547888	0.724977	0.916206	-1.09146	0.66915	1.112338	1.112338	0.652978	0.893924	-1.11866	0.392199	0.804785	-1.24257	0.923631	0.976524	1.02404	0.215839	0.724174	-1.38088	0.0607328	0.592252	-1.68847	0.533597	1.16907	1.16907	0.823365	1.05695	1.05695	0.927347	0.901543	0.864155	1
cg10357885	COL5A3	0.547892	0.13819	0.315702	-3.16755	0.699472	1.323337	1.323337	0.993443	0.994083	-1.00595	0.268393	0.434898	-2.29939	0.814557	0.843911	-1.18496	0.425609	1.79975	1.79975	0.337069	2.04393	2.04393	0.230636	0.403206	-2.48012	0.910793	0.922239	-1.08432	0.927344	7.66221	7.3445	1
cg02064380	ME2;ME2	0.547894	0.134259	0.790538	-1.26496	0.720693	1.053694	1.053694	0.993021	0.998728	-1.00127	0.703431	0.945840	-1.05725	0.12288	0.790401	-1.27545	0.315539	0.966358	-1.0346	0.160139	0.803782	-1.24412	0.602985	1.07937	1.07937	0.837337	0.970522	-1.03037	0.927336	0.31115	0.292825	1
cg17054360	MTERF	0.547896	0.085720	0.694745	-1.43938	0.196324	1.296574	1.296574	0.406922	1.17667	1.17667	0.603226	0.904333	-1.10579	0.718785	0.933008	-1.0718	0.956687	1.01047	1.01047	0.531361	0.885515	-1.12929	0.629426	0.910975	-1.09772	0.860581	0.96685	1.03297	0.932332	0.540095	0.517705	1
cg06362985	RAB3IP;RAB3IP;RAB3IP;RAB3IP	0.547901	0.294146	0.507999	-1.96851	0.171462	2.47494	2.47494	0.750874	1.29327	1.29327	0.388488	0.773346	-1.29344	0.309468	0.591621	-1.69116	0.757767	0.824949	-1.21234	0.790616	0.847357	-1.18014	0.306246	1.93351	1.93351	0.494863	0.64958	-1.53946	0.927324	5.68995	5.45411	1
cg12343929	WDR90	0.547907	0.144953	0.484503	-2.06397	0.425047	1.45803	1.45803	0.411286	0.677798	-1.47537	0.288036	0.600139	-1.66628	0.161379	0.500407	-1.99837	0.859396	0.9212	-1.08554	0.597291	1.27992	1.27992	0.71775	1.18298	1.18298	0.991115	1.00517	1.00517	0.927314	3.14701	3.0166	1
cg02886077	FRYL	0.547911	0.12616	0.379088	-2.63793	0.49373	0.665356	-1.50295	0.465096	0.64675	-1.54619	0.502337	0.670737	-1.49039	0.19916	0.451843	-1.21316	0.893373	0.924398	-1.08178	0.10536	0.935453	-2.83125	0.18827	0.4405	-1.26423	0.818682	0.834064	-1.14408	0.927308	5.04661	4.83753	1
cg25467603	WDR18	0.547918	0.592437	0.19081	1.09081	0.906365	1.01911	1.01911	0.537541	0.913111	0.913111	0.559733	0.904355	-1.07503	0.311611	0.575594	1.03511	0.369352	1.15986	1.15986	0.0485426	0.695948	-1.43689	0.418131	0.875387	-1.14235	0.905603	0.983098	-1.01927	0.927296	0.380009	0.364269	1
cg02180726	GLB1L2	0.547922	0.544943	0.806941	-1.23925	0.750541	1.118115	1.118115	0.352497	1.39789	1.39789	0.595583	0.828991	-1.20629	0.937187	1.02798	1.02798	0.819934	1.0831	1.0831	0.0853531	1.94622	1.94622	0.182061	1.64195	1.64195	0.603777	0.832513	-1.20118	0.927289	1.80019	1.72564	1
cg01724668	ZNF862	0.547926	0.6677	1.10294	1.10294	0.0833	1.18309	1.18309	0.155448	0.826024	-1.24066	0.127973	0.924341	-1.01405	0.114186	0.607758	1.07735	0.208064	0.739096	-1.35356	0.771308	1.06835	1.06835	0.0911409	0.97889	-1.02061	0.658206	0.903874	-1.10651	0.927284	0.755803	0.724508	1
cg08550435	PPARGC1A	0.547938	0.580911	1.18701	1.18701	0.211035	0.666864	-1.49956	0.069351	0.53458	-1.86745	0.917881	0.01876	1.0187	0.839995	0.734768	1.51659	0.995058	0.998098	-1.00191	0.734768	1.11021	1.11021	0.735434	1.10991	1.10991	0.669084	0.876173	-1.14313	0.927263	1.38832	1.33086	1
cg16424237	LOC100129637	0.547942	0.885039	0.934418	-1.07034	0.669212	0.817882	-1.20198	0.135653	0.79272	0.79272	0.662612	1.22913	1.22913	0.465315	0.705739	-1.41695	0.522138	0.735663	1.35963	0.70522	1.19512	1.19512	0.225745	0.550643	-1.81606	0.147711	0.207195	0.072357	0.232661	3.09803	3
cg07502066	GNAI3	0.547947	0.570673	0.735887	-1.3589	0.422591	0.645092	-1.55017	0.245547	0.522057	-1.9155	0.787821	0.865572	-1.15531	0.790856	0.867413	1.15285	0.593832	1.33172	1.33172	0.295225	0.559388	-1.78767	0.116713	0.48058	-2.48958	0.502281	0.694621	-1.43963	0.927249	4.20577	4.03178	1
cg03661616	SMC5;SMC3	0.547971	0.959959	0.991857	-1.00821	0.212827	0.807604	-1.23823	0.66404	0.931302	-1.07377	0.298462	0.19187	1.99187	0.345964	0.171224	1.17124	0.767864	1.04939	1.04939	0.325178	0.847506	-1.17993	0.500346	0.895218	-1.11705	0.2485	1.21709	1.21709	0.207209	0.389488	0.373391	1
cg19306036	GRIB1	0.547976	0.228546	1.43883	2.07412	0.146375	1.46375	1.46375	0.739484	1.13518	1.13518	0.359254	0.792388	-1.31259	0.332958	0.752147	1.35044	0.178336	1.50702	2.11245	0.5423	1.64213	1.64213	0.189837	1.48923	1.48923	0.533173	1.19844	1.19844	0.9272	1.20787	1.15796	1
cg01925962	MAPRE3	0.548002	0.79697	1.111	1.111	0.705873	1.1675	1.1675	0.750759	1.13898	1.13898	0.617783	0.814169	-1.22825	0.990731	1.00475	1.00475	0.151891	1.88377	1.88377	0.226651	0.59332	-1.68543	0.207979	0.579088	-1.72685	0.459187	1.36133	1.36133	0.935725	2.41687	2.00891	1
cg13802266	NPDC1	0.548007	0.522372	0.768263	-1.30164	0.427789	1.38073	1.38073	0.18727	1.76502	1.76502	0.625705	0.818868	-1.2212	0.93469	0.918559	-1.08866	0.718469	0.863152	-1.15855	0.116634	0.502652	-1.99075	0.529909	0.772074	-1.29521	0.414244	0.712287	-1.40393	0.927149	2.42648	2.32634	1
cg24769499	TMEM37	0.548008	0.3150	1.19228	1.19228	0.95086	0.976932	-1.02361	0.147311	1.3166	1.3166	0.113518	1.33259	1.33259	0.757241	0.994632	-1.05638	0.825766	1.03977	1.03977	0.244199	1.2405	1.2405	0.228326	1.25068	1.25068	0.931932	0.985003	-1.01523	0.927147	0.459445	0.440486	1
cg04228274	MRPS3;SKA3;SKA3	0.548012	0.96837	0.98581	-1.01439	0.648124	1.18011	1.18011	0.977549	1.01019	1.01019	0.0512534	0.449323	-2.22557	0.790104	1.10093	1.10093	0.682645	0.862292	-1.1597	0.283095	0.669004	-1.49476	0.474526	0.769417	-1.29969	0.515503	1.26827	1.26827	0.927108	1.90736	1.82873	1
cg18129754	C4orf51	0.548039	0.770674	0.988803	1.01159	0.059705	0.56155	-1.78065	0.32301	0.527821	1.33456	0.178435	0.708911	1.05895	0.110966	0.479324	0.854837	0.586412	1.12602	1.12602	0.945997	1.01474	1.01474	0.973135	1.29293	1.29293	0.328873	1.24324	1.24324	0.927096	0.685387	0.657141	1
cg00449515	CCDC24	0.548064	0.87059	0.966657	-1.03449	0.260177	0.783264	-1.27671	0.69164	1.08645	1.08645	0.673259	0.915564	-1.09222	0.762423	0.938886	-1.06509	0.0681705	0.653901	-1.52928	0.206912	0.718157	-1.31897	0.546225	0.880719	-1.13544	0.568636	1.12731	1.12731	0.927055	0.635182	0.609032	1
cg03558326	C4orf47;DHRS4;C14orf167;C14orf16 7;C14orf167	0.548068	0.677467	0.85486	-1.16978	0.696625	0.863383	-1.15823	0.65103	0.843055	-1.18636	0.0445379	0.37478	2.37478	0.956969	0.979973	-1.02044	0.414379	0.731382	-1.36727	0.533556	1.26669	1.26669	0.692001	1.161	1.161	0.929507	0.967371	-1.03373	0.927047	2.06384	1.97889	1
cg10861555	ENOX2;ENOX2 DBND2;DBND2;DBND2;DBND2;SYS1-DBND2;DBND2;DBND2;DBND2;DBND2	0.548069	0.239114	0.347434	-2.87825	0.443033	0.511363	-1.95556	0.559269	0.602684	-1.65924	0.343179	0.23106	2.31036	0.134632	0.511981	-1.9532	0.116181	0.231296	-4.32347	0.579983	0.15621	1.61502	0.58123	1.61242	1.61242	0.817822	0.820486	-1.21879	0.927047	10.7966	10.3522	1
cg27647852	DBND2;DBND2;DBND2;DBND2;DBND2	0.548071	0.743724	1.2357	1.2357	0.450763	1.64168	1.64168	0.729632	0.799453	-1.25085	0.190923	0.44325	2.44325	0.857557	1.12289	1.12289	0.836044	1.14304	1.14304	0.29007	2.03068	2.03068	0.0543205	4.09062	4.09062	0.403038	1.73683	1.73683	0.927043	6.1106	5.85911	1
cg15581235	RTF1	0.548083	0.746068	1.1612	1.1612	0.5244	1.16863	1.16863	0.161827	1.37989	1.37989	0.106683	1.10683	1.10683	0.855132	1.13989	1.13989	0.559075	0.940353	-1.06351	0.340537	0.897932	1.11567	0.862054	1.08315	1.08315	0.110418	0.927041	0.674383	0.610615	0.569124	1
cg23472171	POM121C	0.548072	0.860985	1.04254	1.04254	0.160642	1.44909	1.44909	0.0824	1.62754	1.62754	0.042031	1.07144	1.07144	0.324556	1.27357	1.27357	0.814203	1.04557	1.04557	1.05755	0.65644	0.899047	-1.11529	0.278332	1.30688	1.30688	0.098157	1.58303	1.58303	0.927041	0.829554	0.795414	1
cg24321688	NFKBIB;NFKBIB	0.548085	0.471183	1.33801	1.33801	0.850167	0.927626	-1.07802	0.292849	1.54266	1.54266	0.621875	0.82079	-1.21834	0.14977	0.541475	-1.84681	0.649095	1.19559	1.19559	0.220125	1.66891	1.66891	0.305548	1.52419	1.52419	0.894199	1.05428	1.05428	0.927019	2.317	2.2217	1
cg07377675	USP1;USP1;LIG1	0.548087	0.365513	1.82182	1.82182	0.522862	1.92765	1.92765	0.122382	1.46444	0.547243	1.24774	0.144	-1.13887	0.922798	0.866202	-1.15469	0.555412	1.80278	1.80278	0.0364426	2.03768	2.03768	0.0116256	2.01651	2.01651	0.0144	1.08602	1.08602	0.927017	0.633959	0.627062	1
cg12867610	SLC22A12;SLC22A12	0.548091	0.267542	0.520124	-1.92114	0.304857	0.548451	-1.82332	0.758257	1.19066	1.19066	0.657677	1.28673	1.28673	0.661226	1.31838	1.31838	0.709723	1.23536	1.23536	0.811083	1.37839	1.37839	0.134776	1.44496	1.44496	0.337422	0.571748	-1.74902	0.78944	0.855992	-1.16334	0.927001	1.69167	1.49873	1
cg03478916	SORBS3	0.548092	0.2568	0.599274	-1.66824	0.0966	0.787282	-1.03382	0.935543	1.03352	1.03352	0.909158	1.58122	-1.01914	0.547297	1.10773	1.10773	0.622225	0.926831	-1.07925	0.541797	1.10073	1.10073	0.0901255	1.733297	-1.3637	0.732795	1.10305	1.10305	0.926987	0.404951	0.388309	1
cg08484668	ARID1B;ARID1B;ARID1B	0.548111	0.829551	1.05727	1.05727	0.553484	1.16748	1.16748	0.62388	1.13618	1.13618	0.916681	1.0274	1.0274	0.139569	1.50789	1.50789	0.168358	1.46114	1.46114	0.0925318	1.61323	1.61323	0.438842	1.22627	1.22627	0.237108	1.37709	1.37709	0.926977	0.979775	0.939518	1
cg16458170	COMMD9;COMMD9	0.548128	0.531531	1.18229	1.18229	0.606916	1.87452	1.87452	0.098957	1.63426	1.63426	0.318596	1.55705	1.55705	0.374399	0.994624	-1.00518	0.487937	1.1248	1.1248	0.402529	1.33738	1.33738	0.0911478	1.32666	1.32666	0.0855955	1.32666	1.32666	0.926955	0.829599	0.80642	1
cg27176246	LCORL	0.548134	0.280778	2.42011	2.42011	0.887507	0.894415	-1.11805	0.684455	1.38003	1.38003	0.503785	1.48602	1.48602	0.0864864	1.14186	1.14186	0.093836	2.23776	2.27376	0.202131	2.89133	2.89133	0.190635	2.98183	2.98183	0.479756	1.76185	1.76185	0.926939	4.12411	8.74958	2
cg13258190	TMEM63C	0.548147	0.101678	0.467218	-2.14033	0.186802	1.81171	1.81171	0.743344	1.14974	1.14974	0.372566	1.47516	1.47516	0.495013	1.34213	1.34213	0.922599	1.04214	1.04214	0.648408	1.21526	1.21526	0.449855	1.38682	1.38682	0.84008	0.917773	-1.08959	0.926918	2.64766	2.53903	1
cg18545655	SPERT	0.548153	0.754317	1.1992	1.1992	0.782547	1.32123	1.32123	0.562801	1.26784	1.26784	0.112946	1.31959	1.31959	0.537053	1.23846	1.23846	0.608	1.29846	1.29846	0.115959	1.72729	1.72729	0.938195	0.971879	-1.02893	0.912516	1.06983	1.06983	0.926866	0.880259	1.00462	1
cg05955224	EID2	0.548163	0.0997589	1.54093	1.54093	0.817722	1.05854	1.05854	0.40808	1.22486	0.329791	1.02135	1.02135	0.231034	0.741002	-1.34952	0.377723	0.804971	-1.24228	0.964246	1.0108	1.0108	0.767788	1.09125	1.09125	0.39939	2.2973	1.2973	0.926892	0.843444	0.808863	1
cg06099360	NKTR	0.548167	0.978124	0.994253	-1.00574	0.803839	0.854183	-1.16858	0.680952	0.880083	-1.13651	0.518352	0.880558	-1.13552	0.0901255	0.744764	1.34254	0.944504	0.766156	1.2011	0.12811	0.645402	0.794015	-1.25937	0.733294	-1.3637	0.732795	1.10305	1.10305	0.926987	0.404951	0.388309	1
cg05377387	WFDC1	0.548188	0.407367	0.705453	-1.41753	0.374345	0.687018	-1.45557	0.152066	0.531702	-1.88075	0.313667	0.65116	-1.53572	0.0732665	0.439417	-2.27574	0.543487	0.776339	-1.2881	0.420093	0.712396	-1.40371	0.186182	0.561584	-1.78068	0.625427	0.816651	-1.22451	0.926885	2.48789	2.38599	1
cg17500403	RCBA;RET;L;RET1L;RET1L	0.548189	0.758902	1.09199	1.09199	0.710758	1.35765	1.35765	0.139563	1.26527	1.26527	0.463856	0.884492	-1.15058	0.552209	0.813004	1.23046	0.106409	0.78426	-1.27496	0.0427264	0.683551	-1.46355	0.316056	0.610225	1.01221	1.01221	0.429089	1.14285	1.14285	0.926845	0.959941	0.815548	1
cg23941211	CDKAL1	0.548202	0.424941	0.808485	-1.23688	0.790957	1.06958	1.06958	0.358389	1.08055	1.08055	0.0100058	1.26103	1.26103	0.998251	1.00058	1.00058	0.358187	1.03177	1.03177	0.0669932	1.81165	1.81165	0.110336	1.60063	1.60063	0.126	1.14276	1.14276	0.926827	0.995254	0.958351	1
cg10313043	LDX4	0.548214	0.180675	0.601287	-1.6631	0.451456	0.759911	-1.31594	0.402805	1.35853	1.35853	0.283139	1.49046	1.49046	0.320312	0.692466	-1.44411	0.755402	1.11833	1.11833	0.431889	1.33251	1.33251	0.801166	0.913651	-1.09451	0.416704	0.743014	-1.34587	0.926806	1.87987	1.80297	1
cg14365162	BRD2	0.548217	7	7	7	7	1.48316	1.48316	0.459224	1.48316	1.48316	0.183398	1.48316	1.48316	0.183398	0.208741	-1.83398	0.192721	0.708716	0.629778	0.264302	0.192721	0.708716	0.629778	0.264302	0.192721	0.708716	0.629778	0.264302

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105 vs. N)	Fold-Change(1-vs-105 vs. N)	p-value(111 vs. N)	Fold-Change(1-vs-111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1-vs-1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	S(Test)	SE(Error)	F(Error)
cg18260397	C5orf4	0.548875	0.115623	1.307588	0.72004	1.380466	1.69282	1.69282	0.34672	0.568652	1.75885	0.552143	0.703317	1.42183	0.617442	0.744791	1.34266	0.926594	0.947509	-1.0554	0.625943	0.750181	1.33303	0.221816	2.15893	0.908457	1.60962	0.609612	0.925713	5.01967	4.81999	1
cg07395804	ZFYVE9;ZFYVE9;ZFYVE9	0.548876	0.911589	1.04165	1.04565	0.9921207	0.506103	-1.97588	0.796715	0.90952	-1.09948	0.281884	0.663087	-1.5081	0.563779	0.807028	1.23911	0.63932	0.840791	-1.18936	0.564375	1.23856	1.23856	1.724115	1.13905	1.13905	0.138153	0.556269	-1.79769	0.925712	1.97885	1.90013	1
cg16019782	TMNS1;ENKUR	0.548881	0.84501	0.846947	-1.18071	0.426026	0.501634	-1.99348	0.88984	0.8890432	-1.12482	0.937602	0.935708	-1.06871	0.866574	0.866995	-1.15341	0.269769	0.377047	-2.65219	0.161191	3.56109	3.56109	0.137492	3.8868	3.8868	0.678253	0.701821	-1.42487	0.925704	0.561614	10.1414	1
cg24703125	ANKRD27;RG59BP	0.548884	0.950097	-1.05252	1.059945	1.79239	1.792239	0.646347	1.16495	1.16495	0.644483	1.16597	1.16597	0.264621	0.680973	-1.46849	0.31036	0.706762	-1.41416	0.450077	1.2896	1.2896	0.44	1.29725	1.29725	0.993958	0.997501	-1.00251	0.925683	1.60106	1.53742	1
cg05259946	RAB11FIP3	0.548895	0.620754	0.963389	-1.038	0.540732	1.0474	1.0474	0.59638	0.96081	-1.04079	0.338637	1.07655	1.07655	0.789726	0.980216	-1.02018	0.047063	0.843704	-1.18525	0.69382	0.978045	0.103003	0.727049	0.974135	-1.02655	0.672125	0.96816	-1.03289	0.925681	0.08198881	0.0787294	1
cg14909168	RDBP;SKIV2L	0.548898	0.587333	1.11823	1.11823	0.749327	1.00756	1.00756	0.881749	0.970101	-1.03082	0.724123	0.93028	-1.07494	0.400767	1.19172	1.19172	0.920897	0.979947	-1.02046	0.680192	0.918947	-1.0882	0.038043	0.613687	-1.62997	0.982363	0.995502	-1.00452	0.925675	0.6097715	0.585485	1
cg00506590	TCF25	0.548911	0.606049	0.716649	-1.39538	0.0995872	3.17704	3.17704	0.104862	3.11138	3.11138	0.580989	1.42907	1.42907	0.739416	0.807521	-1.23836	0.902468	0.81868	-1.08168	0.666334	1.32025	1.32025	0.999629	1.0003	1.0003	0.565425	0.689265	-1.45082	0.925654	0.61298	5.77415	1
cg20861489	HCRTR2	0.548916	0.759176	0.874138	-1.14398	0.237384	1.71773	1.71773	0.062407	0.899962	-2.50023	0.726721	0.857704	-1.16579	0.885157	0.938714	-1.06529	0.499883	0.14932	-1.34002	0.946851	0.972218	-1.02858	0.538558	1.31312	1.31312	0.823969	0.907135	-1.10237	0.925647	2.80566	2.60425	1
cg20299670	BCAN	0.548923	0.215045	2.010179	-1.45785	0.949472	1.07868	1.07868	0.926532	0.956939	-1.11653	0.178275	0.66122	1.51225	0.207952	1.40788	0.207952	0.779292	-1.40788	0.687779	1.62066	1.62066	0.425812	2.63729	2.63729	0.537434	-1.73993	0.47071	0.416026	-2.40369	0.925634	20.941	20.1097	1
cg01703024	TRIM27	0.548926	0.432158	1.27864	1.27864	0.531597	1.21445	1.21445	0.928663	1.02784	1.02784	0.511956	1.22622	1.22622	0.843617	1.06243	1.06243	0.735635	1.1095	1.1095	0.65587	0.871515	-1.14743	0.350749	1.34243	1.34243	0.0345075	2.12967	2.12967	0.92563	1.37823	1.32353	1
cg21403737	SF3A3	0.548927	0.58183	1.15564	1.15564	0.865981	1.14186	1.14186	0.0955977	1.8475	1.8475	0.327127	1.04628	1.111	0.435906	1.11214	0.435906	0.701323	0.805642	-1.2415	0.334809	0.743771	1.3445	1.3445	0.85483	0.948052	-1.05632	0.647394	1.46489	1.25848	1.23846	1.24402	1
cg27265617	ATP2B2;ATP2B2	0.548935	0.157862	0.451348	-2.21559	0.603242	1.31817	1.31817	0.744852	1.18772	0.822186	0.888177	-1.1259	0.077863	0.356202	-2.8074	0.681606	0.804349	-1.24324	0.284815	0.559555	-1.78713	0.416587	0.645717	-1.54867	0.784649	0.865622	-1.15524	0.925614	0.60871	3.90728	1
cg10445578	ZNF182;ZNF182;SPACA5	0.548936	0.170986	0.375001	-2.25159	0.366974	0.283823	-1.52332	0.888854	0.826494	-1.20999	0.341537	0.78792	1.78792	0.518779	2.43241	2.43241	0.139001	0.11486	-8.70924	0.388652	0.301015	-3.32209	0.983722	0.948112	-1.05473	0.940643	0.903753	-1.10681	0.925612	27.075	25.9969	1
cg00146526	TRAPPC9;TRAPPC9	0.548947	0.753232	0.937753	-1.08092	0.622725	0.873758	-1.14448	0.723933	0.908002	-1.10132	0.916544	0.971878	-1.02894	0.367252	1.28667	1.28667	0.754852	0.918291	-1.08898	0.0906285	1.66087	1.66087	0.173469	0.674268	-1.48309	0.835697	0.945051	-1.05834	0.925595	1.08565	1.04259	1
cg03164969	SYT8	0.548948	0.671614	0.861113	-1.16129	0.625567	0.8416	-1.18821	0.285881	0.6779966	-1.475	0.568881	0.917733	-1.22374	0.071505	0.493818	-2.02504	0.727841	0.884698	-1.13003	0.344848	0.73093	-1.40661	0.112513	0.545614	-1.8328	0.284482	0.677141	-1.4768	0.925593	1.80258	1.7311	1
cg04838710	DIO3	0.548967	0.153716	2.67742	2.67742	0.380644	0.282628	-1.15976	0.752228	0.826467	-1.2127	0.664304	0.766935	-1.30457	0.363639	0.556391	-1.76556	0.306093	0.52462	-1.90614	0.513979	0.671863	-1.4884	0.217044	2.205237	2.205237	0.97513	0.981198	-1.01916	0.925561	5.4369	5.21956	1
cg13419796	TEX9	0.548987	0.174512	4.22915	4.22915	0.63682	0.627836	-1.59277	0.399707	0.427978	-2.33657	?	?	?	?	0.487398	1.99907	1.99907	?	?	?	0.347616	2.5961	2.5961	0.915723	1.0887	1.10887	0.900511	0.82865	0.58196	1
cg23183840	DHX36;DHX36	0.548987	0.485867	1.20941	1.20941	0.896291	1.0344	1.0344	0.72073	1.08153	1.08153	0.840918	1.05345	1.05345	0.12844	1.53035	1.53035	0.147039	1.49668	1.49668	0.628687	0.881378	-1.13459	0.938032	1.02035	1.02035	0.11543	1.55812	1.55812	0.925526	0.984266	0.945304	1
cg03724010	C1orf70	0.548996	0.581884	1.19642	1.19642	0.1009134	1.79047	1.79047	0.23148	1.51387	0.519119	0.23589	1.23589	0.330572	1.38472	1.38472	1.38472	0.112325	1.75153	1.75153	0.97433	0.972557	0.974121	-1.02657	0.97918	1.02515	1.54076	1.47939	1
cg13653830	ZNF324B	0.548996	0.400315	1.45334	1.45334	0.1185383	0.47915	-2.08703	0.873417	1.07169	1.07169	0.612782	1.2481	1.2481	0.8679	1.07496	1.07496	0.230288	1.72726	1.72726	0.190392	1.82608	1.82608	0.753653	1.1465	1.1465	0.731106	1.1616	1.1616	0.925513	2.76412	2.65474	1
cg05981247	ID2	0.548998	0.368328	1.742916	1.742916	0.483872	1.783756	1.783756	0.316163	1.731758	0.715726	-1.39718	0.211785	0.604887	1.652885	0.131006	0.672061	1.74807	0.352278	0.73429	-1.36195	0.134971	0.564521	-1.77141	0.309593	0.732237	-1.40403	0.500232	0.801848	1.24712	0.925511	1.52671	1.4663	1
cg01649623	AFF3;AFF3	0.549002	0.0926243	0.160357	-6.23608	0.803497	1.27964	1.27964	0.69024	1.48617	0.748675	0.734975	0.714587	-1.39941	0.141981	0.209818	-4.76604	0.564504	0.562091	-1.77907	0.276701	0.326604	-3.06181	0.410251	0.434797	-2.29992	0.357955	0.392589	-2.5472	0.925504	14.3387	13.7715	1
cg22594123	RBM5	0.549014	0.452303	1.22064	1.22064	0.571489	1.07651	1.07651	0.31296	1.19525	0.619625	0.836426	0.934212	1.09529	0.699088	-1.43043	0.934212	0.915543	1.13934	1.13934	0.14314	0.763786	0.942613	-1.06117	0.637854	0.811061	-1.23295	0.224484	0.717287	-1.39414	0.952565	0.984615	0.963557	1
cg13916742	SCGB1D1	0.549016	0.678257	0.89311	-1.11968	0.310989	0.752726	-1.32851	0.512246	0.835178	-1.19735	0.036982	0.518699	-1.9279	0.730097	0.910422	1.09839	0.244052	0.718733	-1.39134	0.537469	0.844342	-1.18435	0.884604	1.04014	1.04014	0.741397	0.914169	-1.09389	0.9258	1.07632	1.03376	1
cg02057598	SLC7A5	0.549018	0.661824	0.809991	-1.23458	0.45691	0.69576	-1.43728	0.0363072	0.311821	-3.20697	0.997795	0.999877	-1.00012	0.854963	1.09156	1.09156	0.377415	1.0767	1.0767	0.987745	0.993865	-1.00617	0.482905	1.40695	1.40695	0.559577	0.753898	-1.32664	0.925478	3.36015	3.2273	1
cg22444780	MGST2	0.549033	0.524833	1.09107	1.09107	0.916254	0.782426	-1.15976	0.752228	0.826467	-1.2127	0.664304	0.766935	-1.30457	0.363639	0.556391	-1.76556	0.306093	0.52462	-1.90614	0.513979	0.671863	-1.4884	0.217044	2.205237	2.205237	0.97513	0.981198	-1.01916	0.925561	5.4369	5.21956	1
cg18766608	DAGLA	0.549035	0.19795	0.679582	-1.47149	0.547283	0.718873	1.18873	0.595404	1.16432	1.16432	0.445759	1.24688	1.24688	0.11278	1.63235	1.63235	0.435623	0.797885	-1.25331	0.652476	1.13733	1.13733	0.883091	0.95909	-1.04266	0.521868	1.20235	1.20235	0.925449	1.18113	1.13447	1
cg19353052	DTX1	0.549043	0.87082	0.759119	-1.31732	0.898675	0.978326	-1.02215	0.99609	1.00783	-1.00833	0.500868	1.18036	1.18036	0.407453	1.41792	1.41792	0.044584	0.0201336	-49.6683	0.749944	0.581885	-1.71855	0.478169	0.38658	0.38658	0.705093	0.525866	-1.90163	0.925435	42.0809	40.3711	1
cg05364394	MD1	0.549056	0.542274	1.1999	1.13999	0.140286	0.71992	-1.40072	0.402014	1.19982	1.19982	0.809595	0.971192	-1.02966	0.896642	1.02799	1.02799	0.448988	0.848847	-1.17807	0.139148	0.713313	-1.40191	0.904584	0.97485	-1.0258	0.512325	1.15159	1.15159	0.925415	0.661216	0.635118	1
cg19364538	NBEA	0.549057	0.364807	1.753397	1.753397	0.570148	0.724385	1.72405	0.0992939	1.07001	1.07001	0.871481	1.06242	1.06242	0.0484587	1.52885	1.52885	0.123004	0.87241	-1.14643	0.407171	0.267315	-3.74111	0.306242	0.75	0.75	0.0800371	-1.33335	0.260065	0.575442	-1.73789	0.925406	0.34371	0.31571	1
cg20121052	PTDSS2	0.549061	0.305107	0.606776	-1.64806	0.46498	1.41884	1.41884	0.973599	1.01569	0.162841	0.462841	0.703579	-1.42131	0.575816	0.394754	-2.53322	0.320139	0.616755	-1.62139	0.52935	0.740981	-1.34956	0.545679	0.749993	-1.33335	0.260065	0.575442	-1.73789	0.925406	0.34371	0.31571	1
cg26201815	RAB31	0.549063	0.40453	1.22084	1.22084	0.571489	1.07651	1.07651	0.31296	1.19525	0.619625	0.836426	0.934212	1.09529	0.699088	-1.43043	0.934212	0.915543	1.13934	1.13934	0.14314	0.763786	0.942613	-1.06117	0.637854	0.811061	-1.23295	0.224484	0.717287	-1.39414	0.952565	0.984615	0.963557	1
cg27365342	PHACTR1	0.549069	0.224858	0.542543	-1.84317	0.417241	0.671894	-1.48833	0.30834	0.60305	-1.65824	0.688501	0.824236	-1.21324	0.101083	0.422631	-2.36613	0.905645	0.05853	1.05853	0.444469	0.688031	-1.45342	0.51789	1.36949	1.36949	0.224576	0.542321	-1.84392	0.925394	3.37204	3.23902	1
cg24627621	C5orf132	0.549071	0.161023	0.35146	-2.84528	0.292604	0.466441	-2.14389	0.300313	0.497252	-2.2116	0.893799	0.971384	1.02983	0.435105	0.473106	-2.11369	0.079138	0.0719384	0.245833	-4.0678	0.428915	0.568903	-1.75777	0.281518	0.457609	-2.18527	0.586309	0.681266	-1.46786	0.430418	0.569991	-1.75441	0.925389	7.15003	6.86801	1
cg26302082	RX4	0.549074	0.59142	1.2401	1.2401	0.631589	0.78551	1.27328	0.0551	1.20006	0.283676	0.634145	0.745493	-1.57693	0.616858	0.488345	-2.04745	0.965161	0.982813	0.982813	0.0178	0.868592	0.868592	-1.15112	0.623781	0.623781	-1.60318	0.154034	0.154034	0.922509	0.92021	0.7372	1
cg13116174	BCKDHB;BCKDHB	0.549075	0.49918	1.12081	1.12081	0.74593	1.00531	1.00531	0.208251	1.24679	1.24679	0.0647802	0.708336	-1.41176	0.679922	0.933352	-1.07141	0.841894	0.967341	-1.03376	0.617233	0.919641	-1.08738	0.668158	0.930812	-1.07433	0.967411	0.993231	-1.00682	0.925383	0.405107	0.389131	1
cg16507993	EPS15L1	0.549076	0.879196	1.09233	1.09233	0.768089	0.948499	-1.05449	0.323178	0.70934	1.70934	0.836763	0.74999	1.74999	0.479113	0.653284	1.53035	0.432916	0.606663	-1.52281	0.552187	0.553459	-1.80651	0.0977	0.183564	5.44912	0.0977	0.183564	5.44912	0.925376	0.40494	0.38458	1
cg09725013	GTF3C1;KIAA0556	0.549081	0.366222	0.851509	-1.17439	0.737099	0.943328	-1.06008	0.226682	1.24582	1.24582	0.410321	1.15696	1.15696	0.290508	1.20919	1.20919	0.980935	0.995871	1.00415	0.610409	0.914869	-1.09305	0.878309	0.92689	1.02689	0.120327	1.33879	0.925373	0.439442	0.422116	1
cg24753760	GRIK2;GRIK2;GRIK2	0.549085	0.779499	0.918828	-1.08834	0.279848	1.40333	1.40333	0.47091	1.2476	1.2476	0.180301	1.53594	1.53594	0.456267	0.795443	-1.25716	0.206248	1.495	1.495	0.727212	0.899757	-1.11141	0.586604	0.847381	-1.18011	0.30296	1.37966	1.37966	0.925367	1.3333	1.32874	1
cg17977997	SCFD1;S1	0.549089	0.75844	1.31841	1.31841	0.822479	0.815779	-1.22582	0.614782	0.8150255	-1.53787	0.160306	0.684913	-1.46005	0.0900464	0.704561	-1.41932	0.62542	0.88326	-1.13217	0.911216	0.720494	-1.38861	0.0977	0.183564	5.44912	0.0977	0.183564	5.44912	0.925376	0.40494	0.38458	1
cg14726525	LSM1;BAG4	0.549096	0.425794	0.850503	-1.17577	0.470686	0.86406	-1.15733	0.0458883	1.53717	1.57717	0.964967	0.991293	-1.00878	0.708798	0.938082	-1.066	0.573435	1.0261	1.0261	0.988514	0.997138	-1.00287	0.830093	0.958115	-1.04372	0.65499	1.09368	1.09368	0.925348	0.581015	0.558123	1
cg24574147	WIRE	0.549099	0.139733	0.493172	-2.02966	0.157388	0.638398	1.56498	0.0238938	0.4284954	-2.3339	0.667203	0.710511	1.40511	0.662809	0.938308	-1.06566	0.961696	0.97106	1.02996	0.647023	0.98321	-1.01702	0.592228	1.16124	1.16124	0.793281	0.861255	-1.16107	0.925342	0.918945	0.882633	1
cg20530580	ATP6V0A1;ATP6V0A1;ATP6V0A1 PALM2;PALM2-AKAP2;PALM2;PALM2-AKAP2	0.549098	0.898517	1.06444	1.06444	0.682319	1.22315	1.22315	0.201854	0.51705	-1.93405	0.912161	0.947689	-1.0552	0.603928	0.774025	-1.29195	0.159897	0.47951	-2.08546	0.591393	0.767025	-1.30374	0.227412	1.8593	1.8593	0.411645	1.50815	1.50815	0.925345	0.510386	0.33254	1
cg13603113	AKAP2	0.549109	0.379375	0.697968	-1.43273	0.507648	0.764903	-1.30735	0.198167	0.581417	-1.71994	0.0791865	0.459738	-2.17515	0.166781	0.555559	-1.79999	0.773337	1.12204	1.12204	0.945259	1.02776	1.02776	0.514109	0.768109	-1.3019	0.555482	0.788378	-1.26843	0.925326	2.33006	2.23831	1
cg25112586	XRCC4;XRCC4;TMEM167A;XRCC4;TME M167A	0.549111	0.481095	1.33959	1.33959	0.45049	1.36875	1.36875	0.47219	1.34788	1.34788	0.620908	1.22571	1.22571	0.330161	0.663493	-1.50718	0.429443	0.719438	-1.38997	0.752015	0.87861	-1.13816	0.0991112	2.09195	2.09195	0.411499	1.40892	1.40892	0.925324	2.44248	2.3463	1
cg02783838	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.549111	0.464766	0.669789	-1.49301	0.262187	1.87725	1.87725	0.618424	1.31062	1.31062	0.966738	1.02272	1.02272	0.360161	0.602426	-1.65996	0.386618	0.619968	-1.61299	0.101363	0.380482	-2.62824	0.803383	1.14383	1.14383	0.515113	0.700786	-1.42697	0.925323	4.25285	4.08539	1
cg00749491	EVC2	0.549114	0.270809	0.4457	0.4457	0.6533112	0.451603	-2.35588	0.9531001	1.12003	1.12003	0.202346	1.22357	1.22357	0.502319	1.03799	1.03799	0.707919	2.00339	2.00339	0.407747	2.071504	2.071504	0.0001479	33.1144	33.1144	0.915588	0.855482	-1.16893	0.9338	40.2795	41.0458	1
cg03370934	TBC0	0.549115	0.582399	-1.28593	-1.28593	0.208061	1.35639	1.35639	0.0451169	2.1616	2.160997	-1.83146	0.508498	1.50682	1.50682	0.55464	-1.80288	0.701309	0.61663	-1.62163	0.874258	0.607733	-1.10165	0.383013	1.72775	1.72775	0.908991	1.0724	1.0724	0.925317	5.4756	5.26003	1
cg04100492	SLC35E2	0.549121	0.301395	1.2487	1.2487	0.503631	1.15117	1.15117	0.419551	1.18658	1.18658	0.493355	1.15522	1.15522	0.952336	1.01248	1.01248	0.196455	1.32751	1.32751	0.178867	0.743623	-1.34477	0.417938	0.842236	-1.18732	0.981392	0.995174	-1.00485	0.925306	0.630536	0.60572	1
cg15331781	GRM3	0.549126	0.362056	0.849872	-1.17681	0.741663	0.947163	1.05546	0.0458883	1.53717	1.57717	0.964967	0.991293	-1.00878	0.708798	0.938082	-1.066	0.573435	1.0261	1.0261	0.988514	0.997138	-1.00287	0.830093	0.958115	-1.04372	0.65499	1.09368	1.09368	0.925348	0.581015	0.558123	1
cg14496450	HRNBP3	0.549133	0.55328	0.700204	-1.42816	0.802906	0.861906	-1.16022	0.905332	1.07526	1.07526	0.848958	1.11997	1.11997	0.372519	0.580394	-1.72297	0.700982	0.795106	-1.25769	0.58923	0.723293	-1.38256	0.0554811	3.63202	3.63202	0.450997	1.57835	1.57835	0.925286	5.17488	4.97132	1
cg02635514	GP1BB;SEPT5	0.549134	0.348779	1.31705	1.31705	0.855112	0.85499	-1.1696	0.263585	0.3701995	-2.70125	0.878427	0.877047	-1.14019	0.466237	1.94423	1.94423	0.315274	2.43508	2.43508	0.163388	0.58228	0.584923	-1.71015	0.0977	0.183564	5.44912	0.0977	0.183564	5.44912	0.925376	0.40494	0.38458	1
cg03860051	KZF5;ACADS8	0.549145	0.693601	0.581483	-1.71974	0.275833	0.86336	1.86336	0.509107	0.387097	-2.58333	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.848521	1.29451	1.02187	0.65162	4.42893	1
cg06978067	MAT2A	0.549156	0.281103	0.792567	-1.26172	0.148702	0.725116	-1.37909	0.917495	1.02174	1.02174	0.329086	0.811374	-1.23248	0.861679	1.03685	1.03685	0.427571	1.18305	1.18305	0.803142	0.949487	-1.0532	0.122315	0.706455	-1.41552	0.73017	0.930671	-1.07449	0.925249	0.631064	0.606265	1
cg20944724	OPHN1	0.549159	0.916157	1.092155	1.092155	0.915412	0.85499	-1.1696	0.263585	0.3701995	-2.70125	0.878427	0.877047	-1.14019	0.466237	1.94423	1.94423	0.315274	2.43508	2.43508	0.163388	0.58228	0.584923	-1.71015	0.0977	0.183564	5.44912	0.0977	0.183564	5.44912	0.925376	0.40494	0.38458	1
cg25638870	NOX4;NOX4;NOX4;NOX4	0.549163	0.23453	2.17705	2.17705	0.886754	0.914878	-1.09304	0.70255	0.786984	-1.27067	0.678053	0.770568	-1.29774	0.481934	0.640039	-1.5624	0.160016	0.391714	-2.55288	0.311629	1.9223	1.9223	0.273772	0.491139	-2.03608	0.548906	0.68478	-1.46032	0.925244	5.7118	5.48737	1
cg27294736	EAPP;EAPP	0.549167	0.240242	1.14123	1.14123	0.538318	0.731854	-1.36703	0.0458883	1.53717	1.57717	0.964967	0.991293	-1.00878	0.708798	0.938082	-1.066	0.573435	1.0261	1.0261	0.988514	0.997138	-1.00287	0.830093	0.958115	-1.04372	0.65499	1.09368	1.09368	0.925348	0.581015	0.558123	1
cg02276361	REEP1	0.549219	0.36241	0.51533	-1.9405	0.969612	0.973383	-1.02734	0.115397	0.36065	0.36065	0.777101	1.22262	1.22262	0.689239	1.32932	1.32932	0.594202	0.683309	-1.46347	0.338708	0.497386	-2.01051	0.207039	2.56597	2.56597	0.880601	1.899025	-1.11232	0.925145	7.34838	7.0604	1
cg08639748	FGF19	0.549225	0.655739	1.10556	1.10556	0.87623	1.03547	1.03547	0.0882797	1.52292	1.52292	0.745174	1.07566	1.07566	0.675188	1.09884	1.09884	0.198952	0.738181	-1.35468	0.364153	0.811751	-1.2319	0.556414	1.1423	1.1423	0.724058	1.0825	1.0825	0.925135	0.73285	0.704138	1
cg00039057	UCHL1;UCHL2;TMAT5;ZMAT5	0.549226	0.362656	0.849872	-1.17681	0.741663	0.947163	1.05546	0.0458883	1.53717	1.57717	0.964967	0.991293	-1.00878	0.708798	0.938082	-1.066	0.573435	1.0261	1.0261	0.988514	0.997138	-1.00287	0.830093	0.958115	-1.04372	0.65499	1.09368	1.09368	0.925348	0.581015	0.558123	1
cg17962342	HIP1R	0.549238	0.682441	0.814778	-1.22733	0.612126	1.28996	1.28996	0.123915	2.2926	2.2926	0.520321	1.38331	1.38331	0.402092	0.652455	-1.53267	0.217498	0.524118	-1.90797	0.980923	0.988165	-1.01198	0.508446	1.3966	1.3966	0.410233	1.52095	1.52095	0.925114	3.63293	3.49067	1
cg23049732	RERE;RERE;RERE	0.549245	0.192863	2.3788	2.3788	0.39771	1.33156	1.33156	0.0458883	1.53717	1.57717	0.964967	0.991293	-1.00878	0.708798	0.938082	-1.066	0.573435	1.0261	1.0261	0.988514	0.997138	-1.00287	0.830093	0.958115	-1.04372	0.65499	1.09368	1.09368	0.925348	0.581015	0.558123	1
cg16438303	POLR2C	0.549252	0.644702	0.913733	-1.09441	0.671058	0.671182	-1.48991	0.252524	0.792774	-1.26139	0.788861	0.949189	-1.05353	0.330776	1.21528	1.21528	0.620428	1.10185	1.10185	0.848541	1.03784	1.03784	0.794513	0.950552	-1.05202	0.822582	1.0446	1.0446	0.925091	0.553065	0.531422	1
cg04807856	UCP2	0.549253

File: ESM_23 (Online Resource 23)

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error
cg23495059	RBAJC	0.5496564	0.728031	1.08592	1.08592	1.08592	0.907037	-1.10249	0.0877912	0.640895	-1.56032	0.755747	1.07646	1.07646	0.657205	1.11421	1.11121	0.311374	0.780917	-1.28055	0.329244	1.26838	1.26838	0.7212	0.915951	-1.09176	0.4201814	1.21473	0.224423	0.8161272	0.784799	1
cg12464216	BEX4;BEX4	0.549657	0.200426	0.338799	-2.9516	0.656031	0.698537	-1.43156	0.946474	0.947685	-1.0552	0.210021	2.87836	2.87836	0.207791	2.89496	2.89496	0.246042	0.378736	-2.64036	0.995348	1.00468	1.00468	0.897489	1.10866	1.10866	0.916614	0.919601	-1.08743	0.924421	0.37724	9.0168	1
cg13489922	RBMS3;RBMS3;RBMS3	0.549663	0.959266	0.986979	-1.01319	0.705712	0.936792	-1.06747	0.412463	0.865364	-1.15558	0.197373	0.78948	-1.26666	0.16974	1.28918	1.28918	0.602517	0.913484	-1.09471	0.901236	0.978872	-1.02158	0.213514	1.25494	1.25494	0.977768	1.0048	1.0048	0.932849	0.427823	0.356704	1
cg23061672	IQCG;IQCG	0.549665	0.191837	0.420912	-2.37579	0.515457	0.661464	-1.51134	0.244662	0.46662	-2.14307	0.953205	0.963913	-1.03744	0.10782	1.33208	1.33208	0.212904	0.439782	-2.27386	0.157003	0.387535	-2.58041	0.079821	0.771116	-1.29682	0.57009	1.08049	-1.14256	0.924409	5.74275	5.52209	1
cg00200463	STARD8;STARD8;STARD8;STARD8	0.549668	0.170255	1.39007	-7.1476	0.912297	0.862118	-1.15993	0.964196	0.941345	-1.06231	0.205971	0.62891	0.62891	0.121026	1.64728	1.64728	0.123771	0.10596	-9.43755	0.482567	0.382506	-2.61434	0.873848	0.80738	-1.23857	0.963484	0.940213	-1.06359	0.924403	26.5474	25.5275	1
cg04539966	LPP;LPP;LPP	0.549671	0.90005	1.01146	1.011146	0.133834	0.497098	0.497098	0.09373476	0.59323	5.39923	0.95481	1.05314	1.05314	0.710478	0.7111194	-1.40618	0.477751	1.93687	1.93687	0.512296	0.544202	-1.83755	0.412252	2.15646	2.15646	0.996093	1.00048	1.00048	0.928336	1.07205	10.0641	1
cg15125472	HSPB8;C19orf55	0.549673	0.607843	0.732154	-1.36583	0.178787	0.42301	-2.36401	0.540431	1.45251	1.45251	0.601707	0.728183	-1.37328	0.193358	0.43646	-2.29116	0.974126	1.01973	1.01973	0.0984475	0.3356911	-2.97893	0.330544	0.546202	-1.83082	0.679473	0.778598	-1.28436	0.924195	5.31167	5.10765	1
cg26143944	NTRK3;NTRK3;NTRK3	0.549682	0.543962	0.707457	-1.41351	0.102107	0.364096	-2.74544	0.189904	0.102873	0.102873	0.457469	1.53154	1.53154	0.557768	0.721008	-1.38695	0.831619	1.12747	1.12747	0.463285	0.5750556	-1.48126	0.188453	2.19278	2.19278	0.625543	0.757996	-1.31952	0.924381	4.64793	4.46947	1
cg00003145	CASZ1;CASZ1	0.549686	0.148778	0.430134	-2.32486	0.840533	1.116601	1.116601	0.831946	0.800676	-1.12274	0.346467	0.589669	-1.69587	0.258788	0.8302639	-1.20474	0.482359	0.677733	-1.47551	0.652908	0.781427	-1.27975	0.0644402	0.324457	-3.10119	0.553798	0.72159	-1.38583	0.924374	4.34538	4.17856	1
cg08238375	MCC;MCC	0.549691	0.515526	0.468037	-2.13658	0.150879	0.169894	-5.88603	0.258711	3.88404	3.88404	0.47917	0.436772	-2.28953	0.171307	5.35	5.35	0.627831	0.569785	-1.75505	0.969994	0.9576513	-1.04426	0.92341	0.895186	-1.11709	0.973593	0.962603	-1.03885	0.924363	19.4097	18.6648	1
cg23176515	CDL23A1	0.549712	0.260678	0.4111	-2.43115	0.195956	0.3258	-3.06875	0.244641	1.17099	1.17099	0.336226	0.701957	-1.42441	0.163533	1.42496	1.42496	0.111101	0.290848	-3.43823	0.103222	0.394678	-2.53957	0.0478273	0.429723	-2.32832	0.108795	0.923934	-1.08735	0.924363	0.712254	0.6911	1
cg19255118	NECAP1;NECAP1	0.549729	0.472628	1.24109	1.24109	0.286137	0.387552	1.38752	0.725088	1.11004	1.11004	0.100347	0.587285	-1.70275	0.514227	1.216	1.216	0.301018	1.37279	1.37279	0.959104	0.9845951	-1.01528	0.98617	1.00514	1.00514	0.516549	0.823278	-1.21466	0.924304	1.27972	1.23068	1
cg20263558	MAPT;MAPT;MAPT;MAPT;MAPT;MAPT NDUFB11;RBM10;NDUFB11;RBM10;NDU	0.54974	0.525844	0.904363	-1.10575	0.40162	1.14368	1.14368	0.396044	1.14559	1.14559	0.281524	0.839435	-1.19128	0.533189	0.906014	-1.10374	0.0962752	0.751563	-1.33056	0.578059	1.09185	1.09185	0.918511	0.984124	-1.01613	0.714336	0.94413	-1.05918	0.924285	0.358002	0.344292	1
cg22069441	UFB11;NDUFB11	0.549744	?	?	?	0.667154	0.38539	-2.59477	0.983964	0.956766	-1.04519	0.188729	22.8134	22.8134	0.129428	17.4611	17.4611	?	?	?	0.443397	0.177198	-5.6434	0.843746	1.54367	1.54367	?	?	0.899047	43.7186	48.2277	1
cg24301930	SIPA1;SIPA1	0.549754	0.785355	1.23694	1.23694	0.717471	0.75349	-1.32716	0.125382	0.274728	-3.63997	0.497085	0.584482	-1.71092	0.79174	1.22891	1.22891	0.328862	2.1923	2.1923	0.290025	2.35222	2.35222	0.489517	1.72774	1.72774	0.377625	0.490441	-2.02412	0.924262	8.8811	8.5412	1
cg01261798	DPYSL4 CSGALNACT1;CSGALNACT1;CSGALNAC	0.549757	0.363443	0.98743	0.748743	0.540989	0.344821	-2.90005	0.103931	20.1616	20.1616	0.551706	0.354871	-2.81792	0.447399	0.263884	-3.78954	0.380126	0.212474	-4.70646	0.478892	0.345046	3.45046	0.535535	2.94315	2.94315	0.772421	0.607193	-1.64692	0.924257	43.329	41.6709	1
cg23904224	T1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.549758	0.187953	2.24409	2.24409	0.475297	1.52282	1.52282	0.677637	0.78492	-1.27402	0.194538	2.2145	2.2145	0.717999	1.2338	1.2338	0.135342	2.54088	2.54088	0.554696	0.707395	-1.41364	0.293045	1.88121	1.88121	0.899866	1.07565	1.07565	0.924256	4.91274	4.72475	1
cg25495650	PRKAR1B;PRKAR1B	0.549758	0.728215	1.30092	1.30092	0.748054	0.46586	-4.66586	0.908803	0.917217	-1.09025	0.960077	0.962955	-1.03847	0.717363	1.31539	1.31539	0.304354	2.23035	2.23035	0.164489	0.30008	0.36008	0.252616	2.46234	2.46234	0.790201	0.817848	-1.22272	0.924255	8.32409	8.00558	1
cg16699526	GATS;GATS;PVRIG;GATS;GATS	0.549764	?	?	?	0.667154	0.364729	0.625326	-1.59917	0.733952	0.733952	0.134171	1.13417	1.13417	0.560745	0.6435705	0.6435705	0.0615041	0.34699	0.34699	0.0994444	0.1455964	0.1455964	0.0190498	0.0615041	0.34699	0.0994444

File: ESM_23 (Online Resource 23)

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. 057 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. 057 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. 117 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. 127 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. 2(T vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(347 vs. 473 vs. N)	Fold-Change(347 vs. 473 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. 537 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. 537 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20981801	SLC39A3;SLC39A3	0.5505529	0.30261	0.456682	-2.18971	?	?	0.524676	0.635607	1.15733	0.372106	1.93632	1.93632	?	?	?	0.477423	0.599855	-1.60707	0.442462	0.572855	-1.74564	?	?	0.95829	3.17918	1.99053	1
cg25802424	IRS2	0.5505536	0.387749	0.884392	-1.13072	0.645512	1.06639	0.433245	1.11793	1.11793	0.964702	0.993877	-1.00616	0.763262	0.958945	-1.04281	0.903927	1.0169	1.0169	0.694373	1.05633	1.05633	0.313138	0.864711	-1.15646	0.6687273	1.32675	1.32675	0.922971	0.281527	0.271132	1
cg17112958	LYPD1;LYPD1	0.5505538	0.827111	0.957279	-1.04463	0.855198	0.964194	-1.03714	0.969866	0.992488	-1.00757	0.76194	0.941558	-1.06252	0.928851	0.982332	-1.01799	0.040465	0.623535	-1.60376	0.250733	0.786982	-1.27068	0.587421	1.11555	1.11555	0.68988	1.08335	1.08335	0.922969	0.582386	0.560882	1
cg19401948	NDMA|F;NDMA|F	0.5505545	0.783786	0.963762	-1.0376	0.522375	0.916672	-1.09017	0.658408	0.942039	-1.06153	0.621639	0.935421	-1.06904	0.267421	1.16771	1.16771	0.857149	0.97611	-1.02447	0.767876	0.960359	-1.04052	0.044257	0.733327	-1.36365	0.891749	0.881893	-1.01844	0.922958	0.263246	0.253529	1
cg11847235	KCNIP1;KCNIP1;KCNIP1	0.5505546	0.376012	0.491761	-2.03351	0.0922677	0.235119	-4.25317	0.937929	0.940960	-1.06273	0.821991	0.837902	-1.19346	0.170195	0.319424	-3.13064	0.485281	0.574657	-1.74017	0.198794	0.346166	-2.88879	0.232151	0.375706	-2.66166	0.935813	1.06495	1.06495	0.992955	0.92161	0.59231	1
cg20696674	PHACTR4;PHACTR4	0.5505549	0.218557	0.83678	0.442047	0.312117	1.28393	0.625151	2.078	2.078	0.928506	1.1426	1.1426	1.129274	0.087616	-1.11434	0.731224	1.66894	1.66894	0.314305	4.6014	4.6014	0.659219	0.517253	-1.93329	0.531808	0.190331	-2.56393	0.02295	32.2534	31.0631	1
cg20484507	R2;CNKSR2;CNKSR2;CNKSR2	0.5505558	0.198789	0.156534	-6.38837	0.843283	0.763137	-1.31038	0.931195	0.888753	-1.12517	0.209287	0.09411	0.09411	0.199844	6.35755	6.35755	0.262763	0.202996	-4.92621	0.69225	0.580820	-1.72168	0.979442	1.03582	1.03582	0.861441	1.26946	1.26946	0.922936	27.2626	26.2569	1
cg15605704	AIAP1;AIAP1	0.5505565	0.67058	1.19363	1.19363	0.189483	0.56272	-1.77708	0.889661	0.944194	-1.0591	0.78915	1.11726	1.11726	0.887088	0.939806	-1.06405	0.53604	0.771643	-1.29594	0.070559	2.307158	2.307158	0.264004	0.882905	-1.13262	0.922924	2.505153	2.40928	1
cg22115093	C1orf9;C1orf9;DKFZP434K028	0.5505582	0.534482	1.55631	1.55631	0.880264	1.1118	1.1118	0.511534	1.59701	1.59701	0.161157	2.86398	2.86398	0.678876	1.34005	1.34005	0.825301	1.16816	1.16816	0.166291	2.87107	2.87107	0.101645	3.52533	3.52533	0.175417	2.75414	2.75414	0.922897	7.22564	6.95938	1
cg14578966	AGPAT9	0.5505591	0.836548	0.957157	1.04463	0.124788	1.15175	1.15175	0.148161	1.38537	1.38537	0.135328	1.79242	1.79242	0.834564	1.0609	1.0609	0.506074	0.867816	-1.15234	0.784094	1.05912	1.05912	0.922881	0.845392	1.04231	1.04231	0.922881	0.645392	0.621621	1
cg13216057	DKK3;DKK3;DKK3	0.5506	0.891671	0.970238	-1.03067	0.944978	0.984813	-1.01542	0.658781	0.906161	-1.10356	0.639665	1.11021	1.11021	0.501211	0.859532	-1.16342	0.303946	1.14314	1.14314	0.217835	1.55245	1.55245	0.841827	0.934456	-1.07014	0.261725	0.672279	-1.48748	0.828865	1.58252	1.62058	1
cg18869828	APOC3	0.5506001	0.799415	0.971725	-1.09023	0.774662	0.906728	-1.10287	0.233881	0.656402	-1.52718	0.375682	0.734572	-1.36134	0.540882	1.24435	1.24435	0.320746	1.14314	1.14314	0.217835	1.55245	1.55245	0.841827	0.934456	-1.07014	0.261725	0.672279	-1.48748	0.828865	1.58252	1.62058	1
cg20553703	PIGF;CPIT;PIGF	0.5506004	0.315704	1.77256	1.77256	0.166085	0.442679	-2.25897	0.936458	0.961553	-1.06501	0.862202	1.36561	1.36561	0.862202	1.67663	1.67663	0.297595	1.81454	1.81454		0.544671	0.712976	-1.40257	?	?	0.571034	1.37151	1.37151	0.824687	0.884775	-1.13023	0.911377	3.90656	4.28644	1
cg00328210	PRKCZ-AS4;PRKCZ;ARHGEF7;ARHGEF7;ARHGEF7

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs 1047)	p-value(1057 vs. N)	Fold-Change(1 vs 1057)	p-value(1111 vs. N)	Fold-Change(1 vs 1111)	p-value(1127 vs. N)	Fold-Change(1 vs 1127)	p-value(1217 vs. N)	Fold-Change(1 vs 1217)	p-value(1221 vs. N)	Fold-Change(1 vs 1221)	p-value(3477 vs. N)	Fold-Change(1 vs 3477)	p-value(3537 vs. N)	Fold-Change(1 vs 3537)	p-value(5377 vs. N)	Fold-Change(1 vs 5377)	p-value(5637 vs. N)	Fold-Change(1 vs 5637)	F(Test)	SS(Test)	SS(Error)	df
cg03398609	RASA3	0.551484	0.641654	-0.640547	0.54668	-1.08085E+36	0.173503	-5.7636	0.232071	0.311552	-1.23778E+36	0.323653	0.190548	-2.56051	0.260597	0.33561	-2.97964	0.198259	0.282187	3.54375	0.382394	0.434668	-2.30361	0.828122	1.22424	0.224111	12.6349	12.189	1
cg05636603	ASPSCR1	0.551487	0.665648	0.759932	-1.31591	0.8870117	3.29807	3.29807	0.405292	1.291301	1.91285	1.91285	0.894982	0.919151	-1.08796	0.640627	0.741139	-1.34564	0.80109	1.17281	1.156297	2.60539	2.60539	0.610161	1.38559	0.921405	5.81845	5.61312	1
cg18019132	NEAT1, MTHFSD;MTHFSD;MTHFSD;MTHFSD;M	0.551491	0.443043	0.412106	-2.42656	0.320444	3.20151	3.20151	0.41121	2.59204	2.59204	0.506207	2.14793	2.14793	0.349498	0.335675	-2.97907					0.398437	2.66427	2.66427	0.197864	4.67712	4.67712	0.207686	4.50806	4.50806	0.740646	1.45718	1.45718	0.921398	18.7483	18.0868	1
cg06874952	THFSD;MTHFSD;MTHFSD;FLJ30679	0.551505	0.38282	1.92435	1.92435	0.327754	2.05858	2.09558	0.17031	2.90993	2.90993	0.790438	1.21507	1.21507	0.29791	0.454193	-2.20171					0.845514	0.867031	-1.15336	0.223487	0.392402	-2.54841	0.647372	1.40053	1.40053	0.853005	0.872319	-1.46037	0.921376	7.80658	7.53132	1
cg05497253	LHFPL2	0.551518	0.519637	0.801576	-1.24754	0.997515	1.00106	1.00106	0.206692	0.636822	-1.57029	0.6647197	0.495085	-2.01981	0.667908	0.863946	-1.15748					0.451734	1.29666	1.29666	0.421809	0.752261	-1.33055	0.787847	1.0957	1.0957	0.999416	1.00025	1.00025	0.921354	1.67541	1.61638	1
cg17215154	IQCE;IQCE	0.551529	0.32571	0.495891	-2.01657	0.12392	3.16342	3.16342	0.413571	1.78202	1.78202	0.976277	1.02077	1.02077	0.17471	0.368693	-2.71228					0.915976	1.07567	1.07567	0.515097	1.5781	1.5781	0.930695	1.06197	1.06197	0.935282	0.945413	-1.05774	0.921336	6.97123	6.72572	1
cg19537047	FAM18B2	0.551534	0.621286	0.829642	-1.21905	0.239105	0.334229	2.99355	0.464984	0.751112	-1.33136	0.664425	0.844703	-1.18385	0.213943	0.602326	-1.66041					0.479654	0.757412	-1.32029	0.9003229	0.4408353	-2.26854	0.793775	1.10661	1.10661	0.7346	1.14062	1.14062	0.921327	2.18159	2.10478	1
cg13653128	ABLIM3	0.551535	0.48117	2.18817	2.18817	0.264716	0.90643	0.90643	0.511839	0.330864	-3.02239	0.410591	0.246878	4.05058	0.437219	0.267804	-3.73408					0.462831	0.346395	3.46395	0.445202	0.164655	3.64655	0.228778	0.122488	-8.16409	0.436231	3.74514	0.921326	40.3268	38.907	1
cg07888967	DSCAML1	0.551536	0.745911	0.944821	-1.0584	0.415089	0.864653	-1.15653	0.8823298	0.71464	-1.39931	0.768253	1.05294	1.05294	0.63298	0.919441	-1.08762					0.211376	1.25843	1.25843	0.631309	0.919056	-1.08807	0.547383	1.11215	1.11215	0.742971	0.944173	-1.05913	0.921325	0.444706	0.429049	1
cg14979609	FLJ10661;FLJ10661;FLJ10661	0.551547	0.271752	0.769314	-1.29956	0.164439	0.337055	-2.96691	0.163363	0.613465	1.63021	1.63021	0.121125	0.121125	0.636291	0.866556	-1.15538	0.22908	4.36477	-1.33552		0.975501	0.992085	-1.00706	0.1140997	0.6956312	-1.43754	0.405232	2.46539	-2.11233	0.182726	0.723163	-1.38281	0.921307	0.766719	0.73974	1
cg07866131	TYRO3	0.551555	0.136051	0.522637	-1.91337	0.779353	0.892743	-1.12014	0.9894909	1.00533	1.00533	0.164768	0.503164	-1.98742	0.368749	0.687225	-1.45196					0.830184	0.699511	-1.42957	0.163101	0.540081	1.85085	0.255585	0.619134	-1.61516	0.740807	0.874508	-1.1435	0.921301	2.38097	2.29721	1
cg06350018	PDGFRB	0.551563	0.319248	0.757042	-1.32091	0.904381	1.01303	1.01303	0.6439391	1.13611	1.13611	0.656778	0.88609	-1.12855	0.685725	0.895843	-1.11627					0.973515	1.00902	1.00902	0.9492132	1.835021	1.83502	0.518314	0.9803454	-1.02033	-1.36231	0.984431	0.980453	-1.01994	0.9213	1.00694	1.02941	1
cg21266314	ACHE;ACHE	0.551557	0.764928	0.827111	-1.32003	0.24338	2.16555	2.16555	0.69379	1.28463	1.28463	0.671662	1.3098	1.3098	0.9021	1.08101	1.08101					0.755435	0.8205551	-1.21869	0.4012078	0.2769	3.61209	0.07008499	0.2775518	-3.60337	0.7096068	0.789169	-1.26716	0.92129	5.84629	5.64068	1
cg16334524	C21orf84	0.551562	0.107102	0.373197	-2.67955	0.7869	0.859	-1.16414	0.843874	0.895396	-1.11682	0.666371	0.784228	-1.27514	0.106934	0.372989	-2.68105					0.642791	0.769744	-1.29917	0.232114	0.495481	-2.01824	0.328615	0.492611	-2.03	0.309475	0.554683	1.80252	0.921302	4.58159	4.4205	1
cg15093421	DPH6;DPH6;LOC389831	0.551585	0.37991	1.07991	1.07991	0.388614	1.17146	1.17146	0.710406	0.966257	1.03507	1.03507	1.26067	1.26067	0.883643	0.954453	-1.04753					0.966371	0.993968	-1.00607	0.2487211	1.172	1.172	0.277465	1.17611	1.17611	0.179899	1.22688	1.22688	0.921308	0.30098	0.290998	1
cg27337857	HDAC9;HDAC9;HDAC9;HDAC9;HDAC9	0.551566	0.215189	0.669488	-1.49368	0.773234	0.914977	-1.09292	0.0503566	0.503563	-1.98585	0.601555	0.850413	-1.1759	0.845358	1.0619	1.0619					0.45289	0.79043	-1.26513	0.542239	1.20892	1.20892	0.858466	0.946581	-1.05643	0.928708	1.0279	1.0279	0.921275	1.38015	1.33164	1
cg18816329	PHF8	0.551566	0.321929	0.283169	-3.52497	0.383008	0.332627	-3.00637	0.977492	0.96586	-1.03535	0.1990603	0.33633	5.31633	0.350687	3.26312	3.26312					0.213972	0.199682	-5.00795	0.3705556	0.322347	-3.10225	0.905643	1.1572	1.1572	0.862057	0.880597	1.24093	0.921274	22.1193	21.3418	1
cg00838250	TBCCD1;DNAJB11;TBCCD1	0.551581	0.544254	0.900732	-1.11021	0.999811	1.00004	1.00004	0.0554763	1.44734	1.44734	0.692857	1.06996	1.06996	0.676814	1.07401	1.07401					0.743349	0.945657	-1.05747	0.374142	1.16812	1.16812	0.603339	0.914576	-1.0934	0.324353	1.18931	1.18931	0.92125	0.423359	0.408487	1
cg27471156	MAP4K4;MAP4K4;MAP4K4	0.551592	0.257332	0.493244	-2.02964	0.428974	0.329104	-1.75407	0.703511	0.744748	-1.34274	0.544816	0.65277	-1.53193	0.656122	0.72319	-1.38304					0.688395	0.75536	-1.32387	0.832852	0.893227	-1.11844	0.813096	0.98356	-1.01716	0.953304	0.960604	-1.0416	0.921232	7.06672	6.81861	1
cg15896306	ZFAND2A	0.551593	0.129952	0.684248	-1.46146	0.410561	0.822671	-1.21555	0.28446	1.29423	1.29423	0.761643	1.07312	1.07312	0.762345	0.932066	-1.07289					0.300191	0.799553	-1.25079	0.263091	0.762895	-1.3108	0.701381	1.09349	1.09349	0.558657	0.871804	-1.14705	0.921231	0.785047	0.757485	1
cg08803619	ZNF621;ZNF621;ZNF621	0.551603	0.337916	0.722467	-1.38495	0.259007	0.998987	1.00101	0.0738863	0.963473	1.03791	1.03791	0.489633	1.8232428	0.853287	0.955817	-1.04623					0.0607956	0.375594	-1.77313	0.1634895	0.6556585	-1.52512	0.303285	0.758608	-1.32134	0.663117	0.891772	-1.12136	0.921215	0.709938	0.961433	1
cg01103582	SLC9A3	0.551603	0.968577	-1.992203	-1.00786	0.787248	1.05522	1.05522	0.84343	0.961471	-1.04007	0.911757	0.978214	-1.02227	0.0411085	0.626095	1.5972					0.913926	0.978746	-1.02172	0.188314	0.758073	-1.31913	0.768591	1.06037	1.06037	0.957135	1.01074	1.01074	0.921214	0.579598	0.555787	1
cg24618413	BCOR;BCOR	0.551607	0.775622	0.840134	-1.19029	0.766033	0.833886	-1.19921	0.668597	0.769129	-1.30037	0.261555	0.460844	-2.16993	0.157319	0.397798	2.51384					0.174788	0.24103	4.14903	0.0429	0.956911	-1.04503	0.918523	0.910534	-1.06436	0.253473	0.483373	-2.06879	0.921208	5.42102	5.23083	1
cg05988350	XRCC5	0.551609	0.801556	0.810479	-1.3088	0.100113	0.477677	-2.09347	0.405705	0.494759	-2.41744	0.948183	0.972522	-1.02825	0.278007	1.59019						0.622128	1.22595	1.22595	0.1844	0.489246	-2.04088	0.148986	0.48986	-2.04088	0.813952	1.1015	1.1015	0.493461	0.751865	-1.33003	0.921205	2.45357	2.3976	1
cg04977002	UPF3A;UPF3A	0.551626	0.378935	0.829572	-1.20544	0.794469	1.05553	1.05553	0.380998	1.20442	1.20442	0.917401	1.0218	1.0218	0.494246	1.15452	1.15452					0.131874	0.714166	-1.40023	0.170807	1.35241	1.35241	0.783065	0.944473	-1.05879	0.981889	1.00471	1.00471	0.921176	0.625089	0.60318	1
cg12425251	CLSTN2	0.551632	0.257959	1.57457	1.57457	0.382107	0.708408	1.41162	0.5705	1.24669	1.24669	0.91726	1.08099	1.08099	0.970177	1.03074	1.03074					0.467038	1.02927	1.02927	0.1317921	1.868899	1.86899	0.162474	1.77448	1.77448	0.770722	0.893699	-1.11894	0.921166	2.15786	2.08225	1
cg08063194	EQTB1;EQTB1	0.551635	0.92345	1.03445	0.113465	1.08801	1.08801	0.576835	0.81974	-1.2199	0.402154	1.35278	1.35278	0.327735	1.42763	1.42763						0.79917	0.914074	-1.094	0.282457	1.48229	1.48229	0.620614	0.838757	-1.19224	0.0668316	0.26286	2.06286	0.921162	1.8118	1.74833	1
cg12983550	SEZ6L	0.551647	0.5673	0.777409	-1.28632	0.457202	1.39056	1.39056	0.449054	0.714671	-1.39925	0.321703	1.56177	1.56177	0.98403	0.951129	-1.05138					0.769664	0.880075	-1.13627	0.504505	0.744584	-1.34303	0.361236	0.664507	-1.50487	0.110694	2.1316	2.1316	0.921142	2.76655	2.66968	1
cg11288278	RYR1;RYR1	0.551655	0.223102	0.7139	-1.40057	0.5182	0.888499	-1.20697	0.700111	2.31898	-1.2803	0.165424	0.900851	-1.11043	0.904223	0.718042	-1.39267					0.6037833	1.11753	1.11753	0.8950245	0.880541	-1.2416	0.805496	0.774601	-1.33567	0.921129	0.142359	0.143102	0.921131	0.36412	0.34112	1
cg10779118	CNOT3	0.551656	0.118508	0.660551	-1.51366	0.943882	0.982928	-1.01737	0.3913128	1.23966	1.23966	0.142863	0.680312	-1.46991	0.794178	1.06604	1.06604					0.963276	0.111333	0.111333	0.434341	0.822734	-1.21546	0.747309	1.08221	1.08221	0.938377	0.80937	-1.23553	0.92112	0.872854	0.842312	1
cg02928840	PLXNA2	0.551657	0.561387	0.824838	-1.21264	0.748409	0.788469	1.26833	0.7884949	0.703863	1.20163	1.20163	0.614884	1.03809	0.826208	1.04818	1.03809					0.516753	0.8181	-1.22248	0.821119	0.7862	-1.27206	0.756805	0.96786	-1.0332	0.92661	0.968125	1.03809	0.921117	0.868326	0.731866	1
cg20074031	LASS6	0.551668	0.256056	0.631993	-1.5823	0.475735	0.755259	-1.32405	0.303858	0.662212	-1.51009	0.342863	0.480132	1.45977	1.45977	0.126973	0.527889	1.89434				0.578444	1.804727	-1.24266	0.842824	1.07987	1.07987	0.548605	1.26482	1.26482	0.499275	0.766856	-1.30403	0.921107	2.18541	2.10897	1
cg12842013	HOMEZ;HOMEZ	0.551667	0.276822	0.55121	-1.81419	0.656553	1.26578	1.26578	0.996169	1.00253	1.00253	0.531569	1.39615	1.39615	0.407065	0.679396	-1.47189					0.711573	0.822362	-1.21601	0.027504	0.891166	-1.12213	0.0519022	0.311986	-3.20527	0.75043	1.18299	1.18299	0.921104	0.404558	0.390409	1
cg15462132	RBM47;RBM47;RBM47	0.551673	0.2617	0.7139	-1.40057	0.5182	0.888499	-1.20697	0.700111	2.31898	-1.2803	0.165424	0.900851	-1.11043	0.904223	0.718042	-1.39267					0.5660558	2.24327	2.24327	0.83196	0.74554	-1.34492	0.99224	0.9860529	-1.01366	0.5850103	0.463482	-2.15758	0.921099	28.3725	27.3803	1
cg00280548	STOX1;STOX1;STOX1;STOX1;STOX1	0.551687	0.937804	1.0145	1.0145	0.90698	0.978671	-1.02179	0.418175	0.858488	-1.16484	0.69267	0.929352	-1.07602	0.894256	0.97577	-1.02483					0.406705	1.16947	1.16947	0.051132	0.663867	-1.50633	0.433526	1.15882	1.15882	0.707167	0.932762	-1.07209	0.921077	0.496255	0.478013	1
cg02169098	PPP6R2;XKCC6;XRCC6	0.551704	0.790908	0.837381	-1.19447	0.496383	1.691	1.691	0.188105	2.89952	2.89952	0.510848	1.65824	1.65824	0.337873	0.494943	-2.02019					0.245824	0.3297	-3.03297	0.1718	0.5302693	1.88643	0.2453	0.24353	-4.10657	0.1403	0.4982	2.0067	0.921076	0.374984	0.19906	1
cg21732842	ARFGAP2	0.551709	0.889264	1.02177	1.02177	0.915825	0.983792	-1.01648	0.832955	0.967883	-1.03318	0.0709341	1.36594	1.36594	0.71563	0.945019	-1.05818					0.475519	1.11868	1.11868	0.337877	0.85717	-1.16663	0.400644	1.14222	1.14222	0.335418	1.16594	1.16594	0.92104	0.34848	0.336315	1
cg26016246	BEX2;BEX2;BEX2;BEX2	0.551714	0.442361	0.712358	-1.40379	0.720593	0.855976	-1.16826	0.755447	0.873465	-1.14487	0.473944	1.37073	1.37073	0.0676745	0.412168	-2.42619					0.989736	1.00559	1.00559	0.602224	0.796364	-1.25571	0.50793	0.747637	-1.33755	0.148147	0.51083	-1.9576	0.921031	2.73497	2.63953	1
cg26208006	NTF3;NTF3	0.551716	0.39988	1.53054	-1.14263	0.183737	0.824136	1.21441	0.55031	1.81716	-1.81716	0.683076	1.12134	1.12134	0.0503111	2.48172	-2.48172					0.489873	1.40729	1.40729	0.757076	0.835862	-1.19627	0.729088	0.576945	-1.73477	0.568462	0.755194	-1.32416	0.921028	3.46105	3.34027	1
cg05924275	PACRG;PACRG;PACRG	0.551717	0.662473	0.221947	-4.50559	0.502063	0.613169	-1.63087	7	7	7	0.506088	0.616077	-1.62317	0.577562	0.667681	-1.49772					0.767132	0.803859	-1.244	0.143167	0.333492	0.373372	0.518886	-1.9272	0.756067	0.799536	-1.25072	0.909508	0.59988	1.72654	1
cg12346269	WNT7B	0.551719	0.206528	0.880586	-1.82574	0.668358	0.911885	-1.13685	0.4180603	0.745262	1.19754	1.19754	0.0603502	2.96193	0.0276598	2.41522	-2.41522					0.423446	0.637284	-1.56901	0.163763	0.344543	-2.94445	0.615364	0.757218	-1.32062	0.370496	0.603184	1.65827	0.921026	0.444728	0.430828	1
cg19548803	STARD3;STARD3;STARD3	0.551729	0.470148	0.780389	-1.28141	0.76691	0.904551	-1.10552	0.804093	0.919909	-1.08706	0.541496	0.811733	-1.23193	0.824495	0.927783	-1.07784					0.0636477	2.02117	2.02117	0.533015	0.808084	-1.23749	0.286434	0.682664	-1.46293	0.668602	0.864739	-1.15642	0.921006	1.6613	1.60336	1
cg16474561	CIAO1	0.551742	0.690262	1.3403	1.3403	0.202908	0.374229	-2.67216	0.2702	0.431925	-2.31522	0.540363	0.635565	-1.5734	0.157108	0.330736	-3.02356					0.542977	0.63747	-1.5687	0.193038	0.363373	-2.752	0.543641	0.639955	-1.56751	0.161612	0.335226	-2.98306	0.920985	7.79905	7.52725	1
cg15246610	4	0.551747	0.419927	0.52598	-1.90121	0.253034	0.394243	-2.5365	0.108807	0.255734	-3.91031	0.490016	0.578874	-1.72749	0.344605	0.468135	-2.13613					0.729201	0.762646	-1.31122	0.408303	0.517151	-1.93367	0.125792	0.274828	-3.63864	0.173802	0.323616	-3.09008	0.920977	8.86685	8.55792	1
cg17062279	ITGA6	0.551763	0.563082	1.98383	1.98383	0.14855	0.192115	3.91415	0.0431703	0.514168	2.56168	0.625158	0.284431	-3.51545	0.0496008	2.01944	-2.01944					0.637053	1.44559	1.44559	0.140503	0.254956	-3.92119	0.144353	0.459164	2.17766	0.0455	0.920972	20.2037	19.3262	1
cg20097440	CYP26B1 CDC42SE2;CDC42SE2;CDC42SE2;CDC42	0.551752	0.512315	1.19045	1.19045	0.317624	1.31126	1.31126	0.323704	1.30654	1.30654	0.162132	0.676007	-1.47927	0.981725	0.994009	-1.00603					0.967182	0.989265	-1.01085	0.205605	0.704483	-1.41948	0.526204	1.1835	1.1835	0.801504	1.06831	1.06831	0.920969	1.00376	0.968799	1
cg25336748	SE2	0.551756	0.913437	0.951989	-1.05043	0.474487	0.719567	-1.38973	0.325809	0.631878	-1.58258	0.51238	1.35073	1.35073	0.703107	1.18918	1.18918					0.295954	0.612399	-1.63292	0.144524	0.20232	0.20232	0.62695	1.24809	1.24809	0.328371	0.633511	-1.5785	0.920962	2.98627	2.88227	1
cg03837292	ADRBK1	0.551781	0.587115	1.17737	1.17737	0.771632	1.09054	1.09054	0.122393	0.607403	-1.64635	0.998116	0.999297	-1.0007	0.781802	0.92064	-1.0862					0.567087	0.841736	-1.18802	0.783814	0.921363	-1.08535	0.173816	1.53866	1.53866	0.25694	0.703025	-1.42242	0.920922	1.29357	1.24857	1
cg14679235	TBC0	0.551783	0.563852	0.819157	-1.22077	0.591959	1.27265	1.27265	0.61447	0.914506	1.10456	1.10456	0.324169	1.82615	0.907297	-1.41385	0.707439	0.920958	0.960509	1.04167	1.04167	0.960509	0.727449	0.724403	0.729119	0.70483	-1.41953	0.920921	1.04553	0.992705	-1.00725	0.920921	1.04553	1.00376	1
cg25844590	PPP3BP2	0.551792	0.308218	0.465446	-2.14847	0.825901	0.852415	-1.17314	0.212677	0.386069	-2.59021	0.601008	1.4661	1.4661	0.840474	0.864038	-1.15736					0.972176	0.975026	-1.02561	0.418523	0.549135	-1.82104	0.10109	3.67638	3.67638	0.94156	0.948226	-1.0546	0.920904	7.66854	7.40195	1
cg04776480	PRKCZ;PRKCZ;PRKCZ	0.551796	0.414477	0.733226	-1.36384	0.796697	1.10009	1.10009	0.320113	0.684132	-1.46171	0.279028	1.51568	1.51568	0.07275	0.477269	-2.09525					0.540759	0.795487	-1.25709	0.618066	0.839396	-1.19133	0.979473	1.00955	1.00955	0.990676	0.998601	-1.0014	0.920896	1.99127	1.92206	1
cg07288447	TCF23	0.551805	0.435052	0.526273	-1.7462	0.468942	0.714785	1.67485	0.655809	0.730525	-1.36888	0.978631	1.01892	1.01892	0.0735535	0.247497	-4.04046					0.548401	0.653728	-1.52969	0.254438	0.403473	-2.3	0.216568	0.402473	-2.48464	0.752475	0.820258	0.801434	-1.24776	0.702817	0.689693	1
cg06786000	FAM188B	0.551805	0.132889	0.797904	-1.25328	0.285038	1.16721	1.16721	0.650033	0.938379	-1.06567	0.621022	0.93296	-1.07186	0.354404	0.875762	-1.14186					0.513775	0.91192	-1.09659	0.246556	1.18379	1.18379	0.880488	1.02117	1.02117	0.951402	1.00852	1.00852	0.920882	0.282768	0.272644	1
cg13756443	CADPS;CADPS;CADPS	0.551806	0.044843	0.744652	-1.34277	0.831388	0.923251	-1.08336	0.646586	0.973525	-1.38981	0.719454	1.61684	-2.39276	0.0137328	2.43144	-2.43144					0.713327	0.975012	-1.02543	0.485641	0.538389	-1.71265	0.576215	0.708815	-1.41062	0.708881	0.841102	-1.18981	0.920875	0.978815	-1.02164	0.920881	0.841102	-1.18981	0.975267	1
cg18815879	C6orf145	0.551808	0.391196	0.84932	-1.17741	0.92383	0.982379	-1.01794	0.652669	0.91923	-1.08787	0.660487	0.921117	-1.08564	0.198637	0.776834	-1.28728					0.523564	0.886767	-1.12769	0.118252	1.37066	1.37066	0.446842	0.865241	-1.15575	0.540913	1.12195	1.12195	0.920876	0.504018	0.48651	1
cg02543249	KIAA1715	0.551832	0.487366	0.885446	-1.12937	0.381646	1.16732	1.16732	0.405635	1.158	1.158	0.681914	1.07364	1.07364	0.0563289	1.45152	1.45152					0.996432	0.999229	-1.00077	0.520976	0.893887	-1.11871	0.78262	1.04884	1.04884	0.48368	1.13058	1.13058	0.920837	0.435575	0.418532	1
cg27026909	DAA	0.551834	0.269386	1.53355	1.53355	0.72717	1.13907	1.13907	0.763343	0.893814	-1.1188	0.044137	2.36239	2.36239	0.187328	0.948662	-1.05412					7	7	7	0.903817	1.04597	0.875342	0.6031	1.0601	1.0601	0.670071	1.17272	1.17272	0.909312	0.76911	1.94555	1
cg12309194	DEFB121	0.551834	0.139332	0.635035	-1.57477	0.575851	0.780571	-1.2814	0.772164	0.885426	-1.12944	0.770911	0.882426	-1.13334	0.0997911	1.82426	-1.82426					0.226134	0.580142	-1.72372	0.121989	0.487684	-2.05051	0.141919	0.576367	-1.735	0.644743	0.819134	1.24208	0.920834	2.7655	2.58364	1
cg19283427	KIAA0312	0.551836	0.669203	0.885265	-1.1296	0.883289	1.04253	1.04253	0.827969	1.06365	1.06365	0.617086	1.15365	1.15365	0.195848	0.678506	-1.47383					0.34616	0.759502	-1.31665	0.648961	0.878139	-1.13877	0.685955	1.12217	1.12217	0.0972337	1.67544	1.67544	0.92083	1.17258	1.13191	1
cg08166587	CACNA1C;CACNA1C;CACNA1C;CACNA1C C;CACNA1C;CACNA1C;CACNA1C;CACN A1C;CACNA1C;CACNA1C;CACNA1C	0.551854	0.985909	1.01076	1.01076	0.898751	1.08018	1.08018	0.086162	0.317036	-3.15421	0.79274	1.17298	1.17298	0.950251	0.962903	-1.03853					0.491491	0.654856	-1.52705	0.583549	1.39854	1.39854	0.14299	2.59548	2.59548	0.81296	0.866228	-1.15443	0.920801	5.35321	5.16768	1
cg18086641	WNK2	0.551866	0.404095	0.577965	-1.73021	0.134611	2.81769	2.81769	0.52103	1.51217	1.51217	0.588345	0.704043	-1.42037	0.250399	0.462418	-2.16254					0.972087	0.977781	-1.02272	0.863648	0.895494	-1.1167	0.345171	0.458112	-2.18287	0.580742	0.69891	-1.4308	0.920781	0.601385	0.580555	1
cg19784910	KIAA1377;ANGPTL5	0.551867	0.260903	0.773457	-1.29217	0.419703	0.733033	1.97322	0.427141	0.744025	1.3552	1.3552	0.482066	1.04696	0.960236	0.962329	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1047 vs. N)	p-value|105T vs. 047 vs. N)	Fold-Change(105T vs. N)	p-value|1071 vs. 057 vs. N)	Fold-Change(1071 vs. N)	p-value|111T vs. 117 vs. N)	Fold-Change(111T vs. N)	p-value|112T vs. 127 vs. N)	Fold-Change(112T vs. N)	p-value|121T vs. N)	Fold-Change(121T vs. N)	p-value|121T vs. 217 vs. N)	Fold-Change(121T vs. N)	p-value|3477 vs. N)	Fold-Change(3477 vs. N)	p-value|3537 vs. 477 vs. N)	Fold-Change(3537 vs. N)	p-value|3537 vs. 537 vs. N)	Fold-Change(3537 vs. N)	p-value|5377 vs. N)	Fold-Change(5377 vs. N)	p-value|5377 vs. 37T vs. N)	Fold-Change(5377 vs. N)	p-value|5637 vs. 637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00517765	PPEF1;PPEF1;PPEF1		0.552266		0.24004	0.587443	0.00943	1.00943	0.441235		0.625897	1.597771	0.605475		0.706792	1.226455	0.743782		0.8222266		1.216515		0.110309		0.22456		0.837955		0.375916		0.581473	4.71977	0.020074		5.18772	5.01188	
cg26495179	DLGAP3		0.552297		0.937456	-1.02685	0.521597		0.80313	-1.24513	0.109893		0.555455	-1.80032	0.444849		0.76884	-1.30066	0.526518		0.8052264	-1.24183		0.1408804	1.70687		1.70687		0.897301		0.957354	-1.04455	0.859416		0.06166	1.06166	0.515461		0.800459	-1.24928	0.020073		1.605986	1.6036	
cg04832318	SENP2		0.552298		0.0425472	0.73452	-1.36143	0.396703		0.891666	-1.1215	0.66938		1.05839	1.05839	0.794339		1.03512	1.03512	0.55529		1.08202	1.08202		0.8770974	0.979757		-1.02066	0.446455		0.902553	-1.10797	0.905007		0.984351	-1.01559	0.933825		1.01103	1.01103	0.92007		0.25436	0.245739	1
cg11200917	GLRA1;GLIRA1		0.552328		?	?	?		0.54657		0.560334	-1.78477	0.266929		0.333561	-2.99795	0.161182		1.19326	4.13926	?		?		0.482437		0.507963		1.96865		0.965638		1.04174	1.04174	0.874677		8.32196	12.6858	
cg13120952	TNFAIP1;IFT20		0.552329		0.971985	1.00959	1.009559		0.629321		1.14136	1.14136	0.299432		1.33957	1.33957	1.39057		1.755573	0.7025	0.900933		-1.10996		0.443064	0.808479		-1.23689	0.563158		1.17204	1.57105	0.837557		0.848759	-1.17819	0.969884		1.01032	1.02032	1.07683		1.0404	1
cg02378052	SDS		0.552343		0.901367	1.02311	1.02311		0.118625		1.3753	1.3753	0.924135		1.01808	1.01808	1.177107		1.763484		1.307039		1.56999		0.8793763		0.8507158		1.16317		1.370362		1.18892		1.18892	1.629286		1.095582		1.095582	1.095582	0.915609		0.498175	1
cg14583183	CDH22		0.552345		0.800168	1.06607	1.06607		0.954238		1.01458	1.01458	0.229951		0.727805	-1.37399	0.406074		0.807022	-1.23912	0.540167		1.16933	1.16933		0.5779967	1.15231		1.15231		0.7660504		0.920683		1.01568	1.01568	0.744052		0.920683	-1.08615	0.919986		0.927098	0.89576	1
cg00181849	LMF1		0.552345		0.754481	1.13761	1.13761		0.720031		1.14014	1.16014	0.554106		1.28016	1.28016	0.127396		1.506438	-1.97458	0.241592		1.6055512	-1.65149		0.55949	1.27579		1.27579		0.577399		1.26151		1.26151	1.262666		0.59192	-1.66942	0.657551		0.831828	-1.20217	0.919985		2.48182	2.39794	1
cg22439198	C9;ZCCHC9;RNUSE;ZCCHC9		0.552358		0.69956	1.11604	1.11604		0.974131		1.00922	1.00922	0.300712		0.738152	-1.35473	0.861482		1.05069	1.05069	0.623226		0.8609191	-1.1505		0.51989	1.20284		1.20284	0.609862		0.864415	-1.15685	0.517221		0.830355	-1.2043	0.0643089		1.80131	1.80131	0.919973		1.1679	1.12844	1
cg28188095	VPS26;VPS26;RADIL		0.552359		0.900106	1.01004	1.01004		0.545031		1.19581	1.19581	0.944008		0.984008	-1.00153	0.809889		1.18584	1.3544	0.835194		1.070586	1.070586		0.11859	0.79913		-1.25117	0.0441956		1.129116	1.12916	1.01997		0.949753	0.837937	1
cg03773805	WDR81;WDR81;WDR81;WDR81		0.552365		0.274983	0.734876	-1.36077		0.439659		0.870538	-1.23833	0.174511		0.657877	-1.47956	0.954825		0.984752	-1.01548	0.669545		0.8900883	-1.12349		0.678214	1.11982		1.11982	0.242437		1.39348	1.39285	1.09523		1.09523	0.3166414		1.3242	1.3242	0.919961		1.07185	1.03565	1
cg27277936	SEPHS2		0.552378		0.239721	1.76695	1.76695		0.141706		2.07635	2.07635	0.427987		1.45431	1.45431	0.31212		0.616623	-1.62174	0.785432		1.13449	1.13449		0.686385	1.20646		1.20646	0.244131		0.936617	-1.06792	0.953949		1.15629	1.15629	0.919984		1.11521	1.02026	1
cg01812337	MMP15		0.552384		?	?	?		?		?	?	0.935885		1.09233	1.09233	0.932982		1.09672	1.09672	?		?		0.394279	2.6742		2.6742	0.104046		8.69447	8.69447	0.693175		1.54908	1.54908	0.327908		1.153154	1.153154	0.935596		10.3596	7.38181	1
cg15961901	DHCR24		0.552391		0.561537	1.36425	1.36425		0.700702		1.22674	1.22674	0.666028		0.782292	-1.2583	0.322081		0.582022	-1.78115	0.307974		0.572145	-1.74781		0.13019	0.421092		0.421092	0.473928		0.74174	0.49118	0.919918		0.407908	0.394149	1
cg08180913	ABHGEF13;ARHGEF11		0.552393		0.23949	0.790881	-1.26441		0.379854		0.98631	-1.01391	0.911785		0.982165	-1.01816	0.624166		0.847107	-1.18006	0.421107		0.8834155	-1.13175		0.240007	0.794096		-1.25929	0.392005		0.846529	-1.18125	0.950173		0.654137	-1.52873	0.927248		0.982796	-1.01751	0.919918		0.526386	0.508341	1
cg03338380	PSEN2;PSEN2		0.552393		0.286462	0.185986	-5.37675		?		?	?	?		?	?	0.418993		0.286006	-3.49643	0.198968		0.126416	-7.91041		0.437069	0.300765		-3.32485	?		?	?	0.220802		0.140891	-7.09769	0.743211		1.64368	1.64368	0.882747		20.8277	27.5266	1
cg07333862	SKI		0.552399		0.392901	1.30024	1.30024		0.75927		1.09659	1.09659	0.460142		1.27326	1.27326	0.672627		1.13563	1.13563	0.655569		1.0976616	1.891227		0.102323	1.70971		1.70971	0.985723		1.00538	1.00538	0.859616		1.05454	1.05454	0.911803		1.0338	1.0338	0.919906		1.31108	1.26987	1
cg24126564	RORA;ROR4;RORA		0.552404		0.679594	1.22707	1.22707		0.329574		1.64172	1.64172	0.713397		0.833681	-1.11933	0.664592		1.23979	1.23979	0.942297		0.93031	1.03631		0.600752	1.29714		1.29714	0.026791		1.53922	1.53922	0.739871		1.17842	1.17842	0.808371		1.127352	1.127352	0.919897		3.53674	3.41753	1
cg05121388	METTL2A		0.552405		0.829701	0.887548	-1.1267		0.703751		1.23564	1.23564	0.628418		1.31008	1.31008	0.551928		1.39557	1.39557	0.926641		0.950276	-1.05233		0.43562	0.643705		-1.55351	0.0709182		0.327101	-3.05716	0.211978		0.482797	-2.07127	0.710285		1.22956	1.22956	0.919895		4.46874	4.31812	1
cg20914427	SPN;SPN		0.552412		0.520892	1.26599	1.26599		0.909664		0.659452	-1.51641	0.196131		0.609306	-1.64123	0.998105		0.999139	-1.00086	0.637485		0.840395	-1.18772		0.723712	1.13729		1.13729	0.448337		1.32211	1.32211	0.914606		1.04525	1.04525	1.84664		0.919883	1.91932	1.84943	1
cg07207490	PHLDB1;PHLDB1;PHLDB1		0.552417		0.939655	0.967119	-1.034		0.640691		0.812555	-1.23069	0.267408		1.6656	1.6656	0.754436		0.870611	-1.14862	0.852215		0.920948	-1.08584		0.999841	0.999912		-1.00009	0.0609505		0.939153	-2.54121	0.338236		0.546663	-1.5464	0.639873		2.23132	2.23132	0.919874		2.84085	2.74515	1
cg07285995	SLC24A4;SLC24A4;SLC24A4		0.552419		0.307876	2.96255	2.96255		?		?	?	?		?	?	0.559357		0.499355	2.00258	0.885159		1.16277	1.16277		0.14904	0.959562		0.964352	1.19237		1.19237	1.19237	0.908311		1.39094	1.39094	0.919882		1.19237	1.19237	1.19237	1
cg25530124	PTGIS		0.552421		0.427996	0.820473	-1.21881		0.814371		1.0592	1.0592	0.810678		0.943007	-1.06044	0.270781		0.755508	-1.32361	0.974303		1.00791	1.00791		0.2887044	0.763903		-1.30907	0.368203		1.25358	1.25358	0.789343		1.06767	1.06767	0.123773		1.50322	1.50322	0.919869		0.871084	0.841746	1
cg10141411	PTPN5;PTPN5;PTPN5		0.552426		0.282763	0.402455	-2.48475		0.722114		0.747364	-1.33804	0.491904		0.565952	-1.76693	0.404317		0.498644	-2.00544	0.0501911		0.161908	-6.17636		0.295367	0.412741		-2.42283	0.830081		0.839245	-1.19155	0.467576		0.547209	-1.82718	0.203461		0.334651	-2.98819	0.919861		0.68831	0.36261	1
cg04004882	BARD1;BARD1		0.552429		0.488271	0.870162	-1.14911		0.758045		0.89617	-1.11591	0.911785		0.982165	-1.01816	0.624166		0.847107	-1.18006	0.421107		0.8834155	-1.13175		0.240007	0.794096		-1.25929	0.392005		0.846529	-1.18125	0.950173		0.654137	-1.52873	0.927248		0.982796	-1.01751	0.919918		0.526386	0.508341	1
cg21823080	CNTNAP2		0.552433		0.450033	0.475278	-2.10403		0.187651		0.259384	-3.85528	0.208702		0.277824	-3.59941	0.571952		1.73663	1.73663	0.35415		0.398012	-2.51248		0.258457	0.319976		-3.12523	0.437523		0.465158	-2.14981	0.141731		0.217121	-4.60384	0.384861		0.422729	-2.36558	0.919854		13.6066	13.1485	1
cg04685801	SETD7		0.552437		0.202084	0.845361	-1.17496		0.523504		1.07439	1.07439	0.140008		0.929959	-1.07527	0.201431		0.648173	-1.54255	0.343424		0.3834564	0.879224	-1.13733	0.845855	0.972368	-1.02664	0.954146		0.984803	0.972368	-1.02664	0.954146		0.949778	-1.05268	0.919855		0.302058	0.291891	1
cg14260918	ZNF673;ZNF673;ZNF673;ZNF673		0.552437		0.14822	0.144745	-6.90871		0.827739		0.762181	-1.31202	0.916333		0.807255	-1.13991	0.135357		0.74236	-1.74236	0.434054		0.36893	3.36893		0.359628	3.009212		3.23403	0.871973		1.2226	2.7226	0.559759		1.38881	1.38881	0.893961		1.1808	1.1808	0.919842		22.6235	21.8622	1
cg21565248	RPS6KA3		0.552441		0.303061	0.37955	-2.6347		0.441335		2.04009	2.04009	0.529941		1.78215	1.78215	0.123524		4.54918	4.54918	0.440045		2.04437	2.04437		0.236116	0.323872		-3.08764	0.989529		0.988267	-1.01187	0.907674		0.900004	-1.11111	0.881439		1.14514	1.14514	0.919836		12.0139	11.6097	1
cg23498751	LSM5;LSM5;LSM5;LSM5		0.552447		0.301595	0.3299	-3.03116		0.180787		0.772711	-1.29552	0.651935		0.347327	-2.87913	0.403831		1.44831	1.44831	0.307396		0.3792724	-2.63733		0.793425	1.13342		1.13342	0.103099		0.815208	-1.22668	0.847241		1.06641	1.06641	0.876556		1.07701	1.07701	0.919826		1.31388	1.26269	1
cg00599939	RAPGEF4;LOC91149		0.552448		0.72303	1.06215	1.06215		0.515327		1.11826	1.11826	0.971311		1.00611	1.00611	0.920684		0.983267	-1.01702	0.609966		1.09108	1.09108		0.355137	0.700152		1.00952	0.034616		0.658751	-1.51802	0.598405		0.703921	-1.42099	0.933101		-1.07569	0.919825	0.458123		0.404146	1
cg16707215	TUBGCP5;TUBGCP5		0.552449		0.801503	0.888018	-1.12805		0.0549053		0.350637	-2.85195	0.736033		0.860692	-1.16107	0.292192		0.591545	-1.69074	0.442618		0.6580544	-1.45457		0.555157	0.702135		1.42413	0.129496		0.452347	-2.21661	0.192784		0.260486	-3.84	0.708885		-1.2989	0.40292		0.662845	-1.50863	0.919823		3.82113	3.34068	1
cg13647118	C4;TMEM167A		0.552481		0.682118	1.1699	1.1699		0.560333		0.835764	-1.19651	0.0910478		0.567839	-1.76258	0.2588		1.19042	1.19042	0.340204		1.1491	1.34914		0.479006	1.04625		1.24525	0.449		0.809021	-1.23606	0.987405		1.14863	1.14863	0.978567		1.0083	1.0083	0.91977		1.35247	1.30706	1
cg16089416	LMNB1		0.552494		0.260692	0.824008	-1.21358		0.427987		1.12489	1.12489	0.401231		1.25956	1.25956	0.306624		0.858213	1.16252	0.923407		0.924015	1.08315		0.380129	0.872782		-1.13988	0.755681		1.04644	1.04644	0.869344		1.02423	1.02423	0.902355		1.02179	0.919749	0.308071		0.297734	1
cg27336178	UAP1L1		0.552494		?	?	?		0.179163		0.551998	-1.8116	0.230423		0.592197	-1.68863	0.288559		0.632055	-1.58214	0.496096		1.33346	1.33346		0.612474	0.808393		-1.23702	0.23494		0.595478	-1.67932	0.353037		0.67171	-1.48874	0.907613		1.04953	1.04953	0.908204		2.21702	2.4411	1
cg24361357	RBEB1;RBEB1;RBEB1;RBEB1		0.552501		0.146535	1.37649	1.37649		0.174603		2.94437	2.94437	0.422705		1.18273	1.18273	0.573172		1.12381	1.12381	0.449768		1.0048255	1.12381		0.888904	1.14094		1.14094	0.607875		1.10886	1.10886	0.919742		0.642491	0.593877	1
cg02887676	PXT1;KCTD20		0.552511		0.285833	0.465099	0.406509		0.196506		0.176822	-5.65541	0.250683		0.218707	-4.57232	0.384083		0.08614	0.38614	0.440934		0.239943	2.39594		0.990304	0.995566		-1.00445	0.285825		1.49007	1.49007	0.876567		1.05752	1.05752	0.783705		0.905745	-1.10406	0.919721		1.8856	1.82239	1
cg27265122	DLGAP2		0.552511		0.125991	1.81556	1.81556		0.22643		0.633203	-1.57927	0.273494		1.50684	1.50684	0.429905		1.33629	1.33629	0.788813		0.10141	1.10141		0.990145	0.995566		-1.00445	0.285825		1.49007	1.49007	0.876567		1.05752	1.05752	0.783705		0.905745	-1.10406	0.919721		1.8856	1.82239	1
cg20542197	SEMA3E		0.552512		0.259828	0.500153	-1.99939		0.412795		0.504883	-1.98023	0.212795		0.204357	-4.89218	0.108104		0.0479315	-2.08603	0.0274061		0.2570128	-3.89207		0.309074	0.601169		-1.66344	0.314343		0.892477	-1.12049	0.744703		0.644572	-1.55144	0.947113		0.315657	-3.16872	0.919737		5.061	4.87634	1
cg08614771	ARID1B;ARID1B;ARID1B		0.552513		0.648472	1.24248	1.24248		0.228234		2.67009	2.67009	0.354065		0.479098	-2.08726	0.848265		1.15914	1.15914	?		?	?		0.843376	1.16475		1.16475	0.104874		1.39519	1.39519	0.864305		0.87646	-1.14095	0.370821		2.03647	2.03647	0.91639		7.5037	7.16478	1
cg12428298	ANKRD53;ANKRD53		0.552518		0.77106	1.09706	1.09706		0.624011		1.21464	1.21464	0.382408		0.521464	-1.91785	0.185165		0.216456	-2.62114	0.168923		0.1806441	-5.53492		0.480284	1.28246		1.28246	0.273384		1.73205	1.73205	0.908376		1.08563	1.08563	0.918434		1.05257	1.05257	0.919838		1.16	1.17139	0.921083		1.86564	1.82209	1
cg09993319	MGMT		0.552529		0.696469	1.70863	1.70863		0.733559		1.59502	1.59502	0.550216		0.437794	-2.28418	0.0498029		0.0470029	-21.2753	0.432335		0.334535	-2.98923		0.408566	3.17419		3.17419	0.515236		0.405902	-2.46365	0.774863		0.675794	-1.47974	0.762511		0.660905	-1.51308	0.919691		27.1988	26.2878	1
cg12329703	SF3B3;SF3B3		0.552535		0.211325	0.491644	-2.03599		0.203974		1.06306	1.07437	0.201431		0.648173	-2.06964	0.627609		0.763839	-1.30156	0.319904		0.3792724	-2.63733		0.111958	0.919289		-1.08764	0.0777105		0.907811	-1.10178	0.467706		0.527364	-1.89607	0.919675		0.431421	0.40247	1
cg11996741	CCDC157		0.552544		0.399813	0.681642	-1.46703		0.430474		0.700666	-1.42721	0.414118		0.45835	-2.18265	0.211882		0.156585	-6.38515	0.168455		0.1446104	-6.91775		0.484644	1.370616		1.37061	0.965038		1.02679	-1.03744	0.919664		0.527948	-1.89454	0.919666		0.656038	-1.5243	0.919666		2.87988	2.78351	1
cg11524422	RIMS3		0.552544		0.537277	0.793007	-1.26102		0.180306		1.69591	1.69591	0.167214		1.72744	1.72744	0.50856		0.779591	-1.28272	0.704882		0.8682558	-1.15173		0.704381	0.868037		-1.15202	0.195477		1.66247	1.66247	0.929439		0.967744	-1.03333	0.902907		0.955702	-1.04635	0.919666		2.00763	1.94044	1
cg00761859	NIPP1;NIPP1;NIPP1		0.552547		0.979745	1.03011	1.03011		0.951627		1.0980787	-1.01959	0.8890745		0.95684	-1.04511	0.621214		1.17266	1.17266	0.7700883		0.5233351	-1.91093		0.265366	0.892108		-1.44943	0.713689		1.35206	1.12506	0.948844		1.36126	1.36126	0.848675		1.078565	-1.25225	0.919662		2.4894	2.43956	1
cg27601855	ARFGAP2		0.552555		0.178201	0.635603	-1.57331		0.880073		0.953297	-1.04899	0.929103		0.92803	1.02859	0.674606		1.14312	1.14312	0.921567		1.031669	1.031669		0.180566	0.63736		-1.56897	0.0818234		0.542863	-1.84208	0.702688		0.892495	-1.12045	0.504505		0.806904	-1.23931	0.919656		1.46172	1.41282	1
cg16427743	PLEKHG3		0.552555		0.363429	1.46064	1.46064		0.817276		0.905818	-1.10397	0.346291		0.660653	-1.51365	0.0925685		0.495346	-2.02054	0.0490435		1.25342	1.25342		0.528027	1.13423		1.13423	0.359766		1.49546	1.49546	0.76001		0.877267	-1.13991	0.818355		0.906198	-1.10351	0.919648		2.66061	2.57663	1
cg11392765	NXK2.2		0.552556		0.8565139	0.963528	-1.03788		0.321907		1.2331	1.2331	0.845403		1.04503	-1.04503	0.621102		1.30731	1.30731	0.950405		1.00465	1.00465		0.0952372	1.45543		1.45543	0.179028		1.46579	1.46579	1.33944		0.758135	0.938721		1.0652858	1.0652858	1.4444		1.91964	0.605514		0.5390099	1
cg23253309	PCBP3;PCBP3		0.552568		0.685842	1.2763	1.2763		0.782315		1.18077	1.18077	0.340072		1.80374	1.80374	0.183741		1.61816	1.61816	0.104199		1.0454284	2.89449		0.841317	0.886089		-1.12779	0.184719		1.23258	1.32556	0.722182		1.23884	1.23884	0.780223		0.845152	-1.12628	0.919626		5.24204	5.06584	1
	APLP2;APLP2;APLP2;APLP2;APLP2;APLP2																																	
cg22186291	2		0.552573		0.883465	0.941858	-1.06173		0.179572		1.78992	1.78992	0.511954		0.762126	-1.31212	0.548093		0.780192	-1.28174	0.50089		0.756526	-1.32183		0.297267	0.643188		-1.55475	0.604442		1.23791	1.23791	0.378525		1.44627	1.44627	0.249149		1.63547	1.63547	0.919619		2.4293	2.34812	1
cg04802034	XPO7;XPO7;XPO7		0.552584		0.391266	1.18012	1.18012		0.153258		0.749153	-1.3342	0.942389		0.896466	-1.01372	0.615633		1.10014	1.10014	0.500707		0.878901	-1.13776		0.181303	1.30678		1.30678	0.274268		1.17106	1.17106	0.902861		0.957209	-1.03186	0.912726		1.0017	1.0017	0.916601		0.557729	0.550438	1
cg16440561	SPG7		0.552584		0.426339	1.63711	1.63712		0.368994		1.75058	1.75058	0.920613		0.941296	-1.06237	0.609266		1.36731	1.36731	0.42732		1.63534	1.63534		0.255588	2.055		2.055	0.082092		3.21897	3.21897	0.875471		0.875687	1.18931	0.919601		1.36413	1.18498	1
cg07204280	CIDEA;CIDEA		0.552585		0.403304	2.98036	2.98036		0.227241		5.0463	5.0463	0.658382		1.76505	1.76505	0.834157		0.765128	-1.30697	0.376434		0.313803	-3.18671		0.551213	0.559276		-1.78803	0.9418		0.910982	-1.09772	0.594943		1.0942	1.0942	0.0813859		11.7828	11.7828	0.9196		23.7466	22.9535	1
cg14734506	PPP3R1		0.552594		0.711491	1.12039	1.12039		0.447134		1.1434	1.1434	0.465649		1.2613	1.2613	0.206606		0.955514	-1.04671	0.679121		0.8158465	-1.22546		0.204388	1.50559		1.50559	0.206606		0.758631	-1.31913	0.59134		0.967025	-1.03386	0.723022		1.11485	1.11485	0.919605		1.31408	1.31408	1
cg21864829	EMD		0.552601		0.161455	0.209857	-4.76516		0.367328		0.38025	-2.62985	0.639282		0.610847	-1.63707	0.216858		0.388354	0.980982	0.975419		-1.0252		0.188753	0.233658		-4.27976	0.327951		0.348422	-2.87008	0.870712		0.843603	-1.18539	0.66088		0.63069	-1.58556	0.919573		15.8779	15.3481	1
cg10976861	HESG;HES6		0.552604		0.177122	0.599705	-2.47485		0.151979		0.713913	-1.40127	0.238755		0.203853	-4.92383	0.0238155		0.503677	-1.9854	0.166162		0.0235555	-8.50418		0.120435	0.424515		-2.35418			0.626364	0.503676	-1.9973		0.190703	-5.24707		0.404113	-2.02383	0.731306		0.839137	-1.19121	0.919562		3.61004	3.49134	1
cg06857516	GLTSCR1		0.552629		0.575249	1.55383	1.55383		0.0740333		4.71104	4.71104	0.113359		3.82398	3.82398	0.454353		1.80993	1.80993	0.246477		2.56895	2.56895		0.315229	2.23444		2.2444	0.624658		1.46796	1.46796	0.457215		1.8029	1.8029	0.849864		1.15896	1.15896	0.919527		8.82593	8.53186	1
cg01509088	RSF1		0.552638		0.367373	0.583114	-1.85765		0.445092		1.68312	1.68312	0.379703		1.82707	1.82707	0.381141		0.548371	-1.82358	0.141793		0.354093	-2.82412		0.330389	0.51081		-1.95767	0.720347		0.786287	-1.2718	0.954694		0.962713	-1.03873	0.258627		0.454611	-2.19968	0.919511		6.51455	6.2976	1
cg08270223	ZFP2		0.552641		0.85117	1.04015	1.04015		0.360157		1.1455	1.1455	0.315569		1.19987	1.19987	0.210927		1.19641	1.19641	0.836829		0.970086	-1.02888		0.356643	1.07984		1.07984	0.146139		0.79883	-1.25262	0.822374		1.033	1.033	0.919506		0.303618	0.2950108	1
cg00177451	SALL1		0.552645		0.590769	1.1707	1.1707		0.919947		1.00293	1.00293	0.987959		0.995628	-1.00439	0.278669		1.38685	1.38685	0.0565027		1.87176	1.87176		0.440417	0.79578		-1.25663	0.543803		1.1953	1.1953	0.354239		1.3188	1.3188	0.54224		1.19615	1.19615	0.9195		1.22759	1.18673

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(121 vs. 217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4773 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. 537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. 5637 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg14535518	MAG;MAG		0.553212		0.651368	1.19354	1.19054	1.79253	0.9032	-1.10717	0.262942	0.639228	-1.56439	0.299377	1.51041	1.51041	0.742827	1.13456	1.13456		0.94566	0.974157	-1.02653	0.661086	0.844381	-1.1843	1.28589	0.6538	-1.52952	0.130426	1.87065	0.87857	2.13871	2.0696	1
cg10594837	DENND3		0.553214		0.737853	0.713167	-1.4022	2.255378	0.30339	1.30339	0.097369	0.623817	0.23817	0.974183	0.967958	-1.0331	0.352802	0.382064	-2.61736		0.745975	1.38695	1.38695	0.33284	0.365932	-2.73275	0.91588	0.899132	-1.11218	0.706743	0.683615	-1.46281	0.918566	1.47331	14.2571	1
cg07715201	GDNF		0.553215		0.692831	0.79466	-1.2584	0.574377	0.72	-1.38889	0.767553	1.18719	1.18719	0.733787	0.820681	-1.2185	0.266968	0.511955	-1.9533		0.955332	1.03296	1.03296	0.0712012	0.3114405	-3.21125	0.30246	0.538805	-1.85596	0.385479	1.67376	1.67376	0.918564	4.87562	4.71811	1
cg18099817	ZNF653		0.553222		0.634631	0.779189	-1.28339	0.236185	1.90959	1.90959	0.127697	2.35918	2.35918	0.933004	1.04479	1.04479	0.442121	0.664687	-1.50447		0.593024	0.754918	-1.32465	0.271276	0.550533	-1.81642	0.874193	0.927041	-1.08068	0.598455	0.758093	-1.3191	0.918553	3.95108	3.82348	1
cg03562531	CACNA1D;CACNA1D;CACNA1D		0.553222		0.719913	0.8316511	-1.20243	0.979066	0.987383	-1.01278	0.120069	2.32628	2.32628	0.46568	1.45019	1.45019	0.134598	0.640545	-1.56117		0.575927	0.753578	-1.327	0.274997	0.566112	-1.76581	0.437554	0.672688	-1.48657	0.505925	1.40202	1.40202	0.918553	3.64646	3.5287	1
cg10679688	ZIC5		0.553227		0.262301	0.222	-4.5045	1.249811	0.212228	-4.71191	0.988626	0.981795	-1.01854	0.278041	0.233676	-4.27404	0.100009	0.079894	-10.2052		0.314061	0.261348	-3.82632	0.483606	0.399491	-2.50318	0.312039	0.250783	-3.84936	0.179948	0.159541	-6.26708	0.918545	24.166	23.3858	1
cg23378495	PIGO;PIGO;PIGO		0.553233		0.154279	2.23786	2.23786	0.944704	1.03732	1.03732	0.591096	0.750902	-1.33173	0.845113	1.10884	1.10884	0.703243	1.22406	1.22406		0.300828	1.76173	1.76173	0.353403	1.65594	1.65594	0.238219	0.520708	-1.92046	0.403925	0.636908	-1.57009	0.918534	4.05902	3.92802	1
cg05315865	ZDHHC2		0.553237		0.643344	1.07992	1.07892	0.128716	1.31841	1.31841	0.379377	1.15825	1.15825	0.68094	0.934864	-1.06967	0.5958	1.09113	1.09113		0.709541	1.06285	1.06285	0.199856	0.8020151	-1.24686	0.997407	0.868347	-1.15161	0.89522	1.0217	1.0217	0.918528	0.38608	0.373622	1
cg01616196	DEFB1		0.553248		0.18142	3.364277	-2.74516	0.952735	0.971186	-1.02967	0.302501	0.467169	-2.14055	0.429792	0.563449	-1.77478	0.0803814	0.251438	-3.97712		0.374147	0.523388	-1.91429	0.290152	0.457745	-2.18462	0.254529	0.428761	-2.3323	0.356184	0.508891	-1.96506	0.91851	7.37052	7.13282	1
cg02812817	HDAC4		0.553252		0.859576	1.02615	1.02615	0.461158	1.11555	1.11555	0.635472	0.932767	-1.07208	0.9031	0.982405	-1.01791	0.310617	1.16522	1.16522		0.942833	0.989602	-1.01051	0.0809538	1.32583	1.32583	0.265759	0.844489	-1.18415	0.72668	0.950138	-1.05248	0.918503	0.3090222	0.2990559	1
cg24829481	C1QTNF7;C1QTNF7		0.553256		0.240624	2.083521	-2.08353	0.405566	0.565	-1.76948	0.282654	0.598352	-1.67126	0.295282	0.377008	-2.65244	0.112768	0.152964	-6.53854		0.364643	1.1945	1.1945	0.782832	0.778834	-1.284	0.328206	0.443427	-2.25511	0.160397	0.944127	0.96806	-1.03299	0.918497	3.12021	3.07063	1
cg04506628	SNRPC;SNRPC		0.553259		0.490726	1.26888	1.26888	0.957359	0.981975	-1.01836	0.543876	1.23243	1.23243	0.298915	1.44233	1.44233	0.172831	1.63805	1.63805		0.274806	1.47186	1.47186	0.244588	0.663457	-1.50726	0.491017	0.788227	-1.26867	0.819043	0.925006	-1.08107	0.918492	1.68347	1.62921	1
cg10765922	HLA-DRB1; CYB561D1;CYB561D1;CYB561D1;CYB56		0.553265		0.0473618	10.0935	10.0935	0.814466	1.27068	1.27068	0.53474	1.89772	1.89772	0.584442	1.75558	1.75558	0.931809	0.916483	-1.09113		0.53098	1.90926	1.90926	0.660985	1.56785	1.56785	0.225866	0.65459	3.65459	0.201206	3.95708	3.95708	0.918482	15.1056	14.6189	1
cg16253157	1D1;CYB561D1		0.55327		0.512059	1.51135	1.51135	0.130664	2.375351	2.75351	0.0155977	3.95927	3.95927	0.412644	1.68242	1.68242	0.42163	1.66506	1.66506		0.5999	1.38921	1.38921	0.338349	1.845495	1.839994	1.47012	1.47012	0.739759	1.23004	1.23004	0.918474	5.6115	5.43075	1
cg20981919	RARB;RARB		0.55328		0.824616	1.21305	1.21305	0.559251	1.8906	1.8906	0.0739732	1.48842	1.48842	0.175937	0.634577	-1.57585	0.692582	1.28314	1.28314		0.903354	0.908825	-1.10032	0.0313439	0.133026	-7.29771	0.732365	0.763255	-1.31018	0.703793	1.30571	1.30571	0.918445	0.90975	0.871981	1
cg13803003	WIPI1		0.553281		0.63416	1.16771	1.16771	0.414884	1.30935	1.30935	0.158908	1.62736	1.62736	0.914734	1.03524	1.03524	?	?		0.439708	0.775024	-1.29028	0.174666	0.626932	-1.59507	0.809857	0.925004	-1.08108	0.643593	1.16263	1.16263	0.906887	1.33535	1.47245	1
cg12076102	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2		0.553284		0.350699	1.51374	1.51274	0.408004	1.35435	1.35435	0.96416	0.988023	-1.01955	0.702236	0.847447	-1.18002	0.657135	1.21229	1.21229		0.229255	1.72232	1.72232	0.0560539	2.54021	2.54021	0.425255	1.42031	1.42031	0.797285	0.899209	-1.11731	0.91845	2.70121	2.61427	1
cg04387962	ZNF770		0.553287		0.943942	0.946159	0.759212	1.24756	1.24756	0.539979	0.613668	1.42954	1.42954	0.398089	0.506603	-1.97393	0.774162	0.797385	1.2541		0.903354	0.908825	-1.10032	0.0313439	0.133026	-7.29771	0.732365	0.763255	-1.31018	0.703793	1.30571	1.30571	0.918445	0.90975	0.871981	1
cg08175029	UBE2E1;UBE2E1		0.553288		0.172369	0.601836	-1.66158	0.753089	1.11664	1.11664	0.697179	1.14649	1.14649	0.807252	0.918097	-1.08921	0.297919	0.685765	-1.45823		0.318016	0.697105	-1.4345	0.739677	0.889961	-1.12364	0.19049	1.62362	1.62362	0.525538	1.25219	1.25219	0.918445	1.77776	1.72055	1
cg14100398	THSD7A		0.553295		0.851617	0.99336	-1.00704	0.838493	1.16565	1.16565	0.163603	1.83212	1.83212	0.388776	1.3461	1.3461	0.0991221	2.02646	2.02646		0.90337	1.04678	1.04678	0.185417	1.6966	1.6966	0.721577	1.14419	1.14419	0.345667	1.44138	1.44138	0.918431	2.06126	1.99496	1
cg16976876	CLCN4		0.553314		0.0534226	0.0592744	-16.8707	0.765085	0.679812	-1.47099	0.866099	0.804652	-1.24277	0.969712	1.05011	1.05011	0.53553	0.270514	-3.69666		0.266671	0.225268	-4.43916	?	?	?	?	0.58477	0.49132	-2.03533	0.742555	0.308941	-3.23686	0.906831	21.1752	23.3508	1
cg03932571	C21orf30		0.553319		0.362797	0.650516	-1.53724	0.944804	1.03228	1.03228	0.673361	1.21521	1.21521	0.686045	0.829593	-1.20541	0.0584417	0.374203	-2.67235		0.599752	0.783939	-1.27561	0.241761	0.569339	-1.75642	0.606542	0.787553	-1.26976	0.246595	0.572919	-1.74545	0.918393	3.07404	2.97528	1
cg02736255	C1		0.553323		0.585807	0.713	-1.40252	0.2691	2.02904	2.02904	0.216215	1.89087	1.89087	0.132213	0.356095	-2.80116	0.342116	0.547853	-1.82531		0.653787	1.31988	1.31988	0.41761	0.955638	-1.04642	0.60899	0.72821	-1.37323	0.918386	5.49722	5.32066	1
cg25500285	EIF4EBP1		0.553324		0.683311	1.1949	1.1949	0.210825	1.10617	1.10617	0.0102722	1.58236	1.58236	0.19443	1.09443	1.09443	0.0399537	1.66796	1.66796		0.269531	0.848994	-1.17786	0.144106	0.802413	-1.24624	0.671126	0.941469	-1.06217	0.445457	1.1161	1.1161	0.918385	0.290063	0.280747	1
cg10338082	KALRN;KALRN;KALRN CHCHD7;CHCHD7;CHCHD7;CHCHD7;C		0.553327		0.636219	0.870666	-1.14855	0.5343	0.83281	-1.20075	0.936045	0.976942	-1.0236	0.683636	0.887724	-1.12648	0.471083	0.808065	-1.23752		0.263689	0.712708	-1.4031	0.0616041	0.542267	-1.84411	0.110768	0.603449	-1.65714	0.744568	0.909345	-1.09969	0.918381	1.22899	1.18952	1
cg02094225	HCHD7;CHCHD7		0.553339		0.728049	0.945134	-1.05805	0.883733	1.02394	1.02394	0.96488	0.993635	-1.00641	0.890705	1.02135	1.02135	1.00805	0.747778	1.3373		0.471328	0.888301	-1.12574	0.405855	0.871565	-1.14736	0.755753	1.05173	1.05173	0.0831378	0.733367	-1.36357	0.91836	0.380058	0.367861	1
cg02645905	EHMT1;EHMT1		0.553345		0.594144	0.87054	-1.14871	0.705014	0.906611	-1.10301	0.272337	0.744876	-1.3425	0.168702	0.685185	-1.45946	0.502875	0.839224	-1.19158		0.673559	0.896528	-1.11541	0.177385	1.44709	1.44709	0.35679	0.783236	-1.27675	0.624457	1.13563	1.13563	0.918351	0.966545	0.935537	1
cg14144294	DYS		0.553346		0.1209504	4.688255	-4.43214	0.518203	0.29729	-3.3648	0.961048	0.998438	-1.00147	0.388751	0.713194	-1.40189	0.0184511	0.113584	-8.80116		0.11304	0.160398	-6.23466	0.0156104	0.0663124	0.663504	-1.50706	0.0943124	0.0664504	0.640386	1.1536	1.1536	0.918351	0.0664504	0.640386	1
cg03716590	DYNC1I1;DYNC1I1;DYNC1I1		0.553359		0.0550516	0.46573	-2.14717	0.282457	0.675473	-1.48044	0.987701	0.995476	-1.00454	0.868981	0.943656	-1.05971	0.545853	0.806762	-1.23952		0.96518	0.984782	-1.01545	0.513142	1.24943	1.24943	0.274213	1.10632	1.10632	0.498272	1.27317	1.27317	0.918328	1.78478	1.73725	1
cg16181678	C6orf42		0.553364		0.188222	1.9	1.9	0.70503	0.934	-1.07066	0.357151	0.956194	-1.04141	0.717555	0.81884	-1.22134	0.515884	0.618277	-1.61727		0.754738	1.04978	1.04978	0.822152	0.914072	1.16082	1.16082	1.16082	1.16082	1.16082	1.16082	0.918328	0.325645	0.313225	0.306	1
cg22492962	JMJD1C;JMJD1C;JMJD1C		0.553395		0.297871	2.2954	2.2954	0.904444	0.911675	-1.09688	0.473805	1.75229	1.75229	0.618661	1.47162	1.47162	0.173187	0.327605	-3.05246		0.163186	3.14556	3.14556	0.402187	0.516777	-1.93507	0.394317	1.22284	1.22284	0.723481	1.31459	1.31459	0.918269	8.62202	8.34616	1
cg08380564	ZCSH3		0.553397		0.513177	1.948153	1.948153	0.0496	1.00637	1.00637	0.883886	1.00996	1.00996	0.74376	0.807577	-1.23827	0.607354	0.725105	-1.36575		0.667634	1.12513	1.12513	0.362589	0.467668	1.13827	1.13827	1.13827	1.13827	1.13827	1.13827	0.918325	0.154668	0.147128	0.139	1
cg20637660	CREBL2		0.553401		0.625443	1.51415	1.51415	0.782489	1.25045	1.25045	0.0814108	0.59781	0.59781	0.94331	1.0618	1.0618	0.197905	1.24271	1.24271		0.894591	1.894236	1.11827	0.829085	1.19998	1.19998	0.422024	2.99696	1.99696	0.860936	0.870394	-1.04993	0.918258	0.30415	0.10108	1
cg07100700	GRM4		0.553419		0.746185	0.817422	-1.22336	0.144544	2.64551	2.64551	0.365221	1.78162	1.78162	0.509262	0.659947	-1.51527	0.506595	0.65817	-1.51936		0.899058	1.08196	1.08196	0.229671	0.457309	-2.18671	0.567616	0.69864	-1.43135	0.354892	0.553893	-1.8054	0.91823	5.60377	5.42471	1
cg07266299	CYHR1		0.553447		0.0752322	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.561272	0.769139	-1.30015	0.976854	1.1305	1.1305	0.741186	1.15963	1.15963	0.210034	1.80448	1.80448	0.918325	2.90357	2.82094	1
cg20606044	NRGN;NRGN		0.553463		0.224785	1.14598	1.14598	0.941923	0.859458	-1.16352	0.538379	1.63072	1.63072	0.769571	1.84152	1.84152	0.694312	0.727287	1.27287		0.202554	0.0610211	-16.3878	0.166765	0.0644577	-22.5136	0.444917	0.5469	0.5469	0.756083	1.9064	1.9064	0.918157	62.8322	60.8293	1
cg02665576	PI02		0.553464		0.0524837	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.636553	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
cg04395498	MAD1L1;MAD1L1;MAD1L1		0.553474		0.394123	1.46564	1.46564	0.867331	1.07597	1.07597	0.482105	1.3674	1.3674	0.173118	1.88682	1.88682	0.24099	1.71189	1.71189		0.100553	2.19869	2.19869	0.176113	1.87751	1.87751	0.838677	0.914589	-1.09339	0.591919	1.26744	1.26744	0.918139	2.78936	2.7005	1
cg19581963	CCL23;CCL23		0.553475		0.290728	1.904553	1.904553	0.297345	1.14698	1.14698	0.364684	0.576588	-1.73525	0.948079	0.962454	-1.03892	0.575793	0.717321	-1.39408		0.298688	1.68124	1.68124	0.504744	2.042	2.042	0.308885	1.41067	1.41067	0.708885	1.41067	1.41067	0.918135	0.02132	0.46138	1
cg20958167	TCTE3;Clorf70		0.553477		0.107488	1.38337	1.38337	0.353655	0.162677	-6.16278	0.568762	0.899063	-1.1227	0.590087	1.0569	1.0569	0.245997	1.6505	1.6505		0.319726	1.20919	1.20919	0.240406	0.936697	-1.06758	0.838621	1.03839	1.03839	0.985875	1.10975	1.10975	0.918134	0.950251	0.480444	1
cg24375835	DOT1L		0.553482		0.841363	0.959571	-1.04213	0.141781	1.38447	1.38447	0.833286	0.957521	-1.00443	0.872631	0.9675	-1.03359	0.452831	0.854282	-1.17057		0.1033	1.44332	1.44332	0.499853	1.15148	1.15148	0.745777	1.06929	1.06929	0.546463	0.881894	-1.13392	0.918126	0.616678	0.59704	1
cg20723107	KDR		0.553494		0.218324	1.47	1.47	0.0825	0.841002	-1.18904	0.0270372	0.0270372	-1.07866	0.197898	0.0270372	-1.07866	0.197898	0.0270372	-1.07866		0.784178	1.08647	1.08647	0.282341	0.919742	-1.08724	0.772057	0.708285	-1.41186	0.0448994	1.26525	1.26525	0.918106	1.32697	1.28474	1
cg02853948	HCRTR2		0.553495		0.900164	1.07406	1.07406	0.6089	1.34462	1.34462	0.852987	0.903188	-1.10719	0.810352	1.14792	1.14792	0.226095	2.07378	2.07378		0.113669	2.68494	2.68494	0.211778	2.10427	2.10427	0.543489	1.42314	1.42314	0.305489	1.54397	1.83833	0.918105	0.748775	4.63539	1
cg05719194	OXR1		0.553509		0.6244	0.897995	-1.11359	0.12466	1.43684	1.43684	0.162458	1.38423	1.38423	0.952377	0.987063	-1.01511	0.718247	0.924042	-1.0822		0.928551	0.998036	-1.01935	0.951398	0.888563	-1.12541	0.908163	1.02548	1.02548	0.920273	1.3431	1.3431	0.918082	0.691158	0.669218	1
cg26161849	REEP2		0.553523		0.228439	1.537874	1.537874	0.689962	1.16249	1.16249	0.13887	1.38687	1.38687	0.267613	1.5338	1.5338	0.0916637	1.98953	1.98953		0.879114	0.945185	-1.05799	0.877312	1.0589	1.0589	0.167707	1.73932	1.73932	0.344913	1.43381	1.43381	0.918059	1.94985	1.93147	1
cg02608019	SYK;SYK;SYK;SYK; AF72;AF72;AFF2;AF72;AFF2;AFF2;		0.553523		0.806865	1.23508	1.23508	0.154571	3.719	3.719	0.134074	0.248394	-4.02585	0.859595	1.16489	1.16489	0.340548	0.557681	-1.79314		0.807635	0.810365	-1.23401	0.815684	0.817688	-1.22296	0.297505	0.53697	0.53697	0.637411	0.66416	-1.50566	0.918058	10.8037	10.4605	1
cg05806018	AFF2;AFF2;AFF2		0.553524		0.0810738	0.0269912	-37.0491	0.678079	0.458602	-2.18054	0.649033	0.424979	-2.35306	0.242598	0.8147	0.8147	0.726468	1.92693	1.92693		0.340182	0.159481	-6.27033	0.698558	2.06843	2.06843	0.64909	2.35271	2.35271	0.934926	1.16475	1.16475	0.918057	50.7148	49.1035	1
cg17181941	SHMT2;SHMT2;SHMT2;SHMT2;SHMT2;		0.553525		0.844743	1.33887	1.33887	0.882542	1.24621	1.24621	0.941032	1.11644	1.11644	0.128866	1.51514	1.51514	0.069584	0.0487211	-20.525		0.833565	1.3679	1.3679	0.78977	1.48859	1.48859	0.907592	1.0045	1.0045	0.907327	1.18931	1.18931	0.918055	32.2282	31.2044	1
cg12502815	SHMT2;SHMT2;SHMT2;SHMT2		0.553532		0.460088	0.322192	-1.21626	0.543417	0.852052	-1.17364	0.964599	1.01162	1.01162	0.0773626	0.599828	-1.66714	0.614414	0.876137	-1.14137		0.927804	0.976685	-1.02387	0.0827185	0.606402	-1.64907	0.405759	0.801384	-1.24784	0.472005	0.826597	-1.20978	0.918044	0.98525	0.953961	1
cg16917903	YES1		0.553536		0.274397	3.643125	-2.74381	0.643455	0.68466	-1.46066	0.19113	0.863473	0.930572	-1.07501	0.416981	0.454486	2.19838	0.349072	-2.86491		0.382541	1.46762	1.46762	0.467243	0.744618	1.34118	0.952742	1.02572	1.02572	0.927902	0.961969	-1.03954	0.838108	0.62687	-1.58398	1
cg03030633	MAD1L1;MAD1L1;MAD1L1		0.553554		0.627205	0.795501	-1.31665	0.285532	0.747854	0.980285	-1.02046	0.994488	0.63835	-1.56654	0.853951	1.12662	1.12662	0.932732	0.483015	-2.07033		0.913041	0.931762	-1.07324	0.164579	0.384014	-2.60407	0.290726	0.52278	0.23278	0.379	1.79311	1.79311	0.918031	0.08657	0.38936	1
cg08429850	PLEKHJ1;SF3A2		0.553562		0.721969	0.8409614	1.22534	0.276056	0.947157	-1.05355	0.624875	1.30887	1.30887	0.815669	0.98643	-1.01376	0.795021	0.83415	-1.19905		0.869661	0.931112	-1.07398	0.254757	1.67871	1.67871	0.421736	0.699398	-1.4298	0.111836	0.470325	-2.12619	0.918028	2.75936	2.67178	1
cg26792295	RFTN1		0.553542		0.5804	0.784079	-1.27538	0.626863	0.807811	-1.23791	0.397366	0.685556	-1.45867	0.341921	0.652728	-1.53203	0.266504	0.603896	-1.65591		0.869661	0.931112	-1.07398	0.254757	1.67871	1.67871	0.421736	0.699398	-1.4298	0.111836	0.470325	-2.12619	0.918028	2.75936	2.67178	1
cg06300944	LCAM;LCAM;LCAM;LCAM		0.553542		0.527361	0.521718	-1.91674	0.45903	0.462302	-2.16309	0.0679776	0.79908	0.79908	0.377391	2.50988	2.50988	0.877418	0.854857	-1.16979		0.457668	0.463751	-2.15633	0.911602	0.893302	-1.11944	0.96476	0.956142	-1.04587	0.536942	0.52982	-1.88743	0.918027	15.0083	14.5319	1
cg03709058	C2orf52		0.553544		0.980767	0.992014	1.01124	0.911599	1.01599	1.01599	0.960755	1.00756	1.00756	0.917264	1.21621	1.21621	0.42056	0.850756	-1.17542	0.918473	0.924354	-1.08172	0.592332	1.06139	1.06139	0.758145	0.910425	0.956004	0.954338	1.14318	1.14318	0.918025	0.960104	0.954338	1
cg14633466	RBM14		0.553551		0.390466	0.605118	-1.65257	0.138284	0.148677	0.148677	0.205612	2.14312	2.14312	0.932312	0.94645	-1.05658	0.351848	0.578714	-1.72797		0.680033	1.26711	1.26711	0.588284	0.731983	-1.36615	0.666094	0.780491	-1.28124	0.590117	0.733127	-1.36402	0.918012	4.73804	4.58773	1
cg00974095	HPCAL4		0.553556		0.90668	0.917917	-1.08942	0.0706895	4.37157	4.37157	0.236009	2.47673	2.47673	0.562613	0.652126	-1.53345	0.941474	1.05509	1.05509		0.94734	1.04942	1.04942	0.615884	0.691125	-1.44692	0.977173	0.515906	-1.93834	0.950121	0.955338	-1.04675	0.918004	7.75227	7.5093	1
cg17820060	CDL11A1;CDL11A1;CDL11A1;CDL11A1		0.553558		0.304232	2.05229	2.05229	0.143939	0.346177	-2.88869	0.861507	0.888707	-1.12523	0.139117	0.34107	-2.93195	0.608322	1.41801	1.41801		0.539978	1.52079	1.52079	0.671426	1.33416	1.33416	0.933132	1.05834	1.05834	0.969144	1.02648	1.02648	0.918001	0.63797	0.42746	1
cg26494502	AIAP1;AIAP1		0.553569		0.3101511	3.241412	-3.22677	0.311422	0.309814	-3.22677	0.21648	0.318434	0.318434	0.0403443	1.55234	1.55234	0.0976825	1.56346	1.56346		0.415826	2.0095	2.0095	0.0236659	3.7375	3.7375	0.0139121	2.09001	2.09001	0.624081	1.51359	1.51359	0.917984	10.2378	9.91333	1
cg02749073	EXOC4;EXOC4		0.553573		0.420826	0.65801	-1.51791	0.178449	0.484092	-2.06573	0.813114	0.886759	-1.1277	0.488459	0.699669	-1.42925	0.0734079	0.363124	2.75388		0.994426	0.996462	-1.00355	0.963291	0.622425	-1.60662	0.73	0.863492	-1.15809	0.159575	0.466401	-2.14408	0.917976	3.74401	3.62538	1
cg02626377	TRIM10;TRIM10		0.553583		0.727869	0.809614	1.23534	0.276056	0.947157	-1.05355	0.624875	1.30887	1.30887	0.815669	0.98643	-1.01376	0.795021	0.83415	-1.19905		0.389034	1.1206	1.1206	0.443935	0.902344	-1.10822	0.496096	0.914712	-1.09324	0.498428	0.79047	0.914712	-1.09324	0.498428	0.79047	1
cg26792295	RFTN1		0.553542		0.5804	0.784079	-1.27538	0.626863	0.807811	-1.23791	0.397366	0.685556	-1.45867	0.341921	0.652728	-1.53203	0.266504	0.603896	-1.65591		0.869661	0.931112	-1.07398	0.254757	1.67871	1.67871	0.421736	0.699398	-1.4298	0.111836	0.470325

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1121 vs. N)	Fold-Change(1121 vs. N)	p-value(1347f vs. N)	Fold-Change(1347f vs. N)	p-value(1353f vs. N)	Fold-Change(1353f vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)
cg18848222	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.554011	0.397766	1.44246	1.44246	0.267086	1.63103	1.63103	0.121585	2.03427	2.03427	0.537356	1.30248	1.30248	0.583371	1.26411	1.26411	0.319542	1.54534	1.54534	0.709418	1.24823	1.24823	0.98014	1.05455	1.05455	0.803772	1.11109	1.11109	0.917258	2.60084	2.5204	1
cg15192343	GRIPAP1;GRIPAP1	0.554014	0.238503	1.144883	-6.90211	0.758594	0.617329	-1.61988	0.809715	0.68559	-1.4586	0.250441	0.54816	0.54816	0.493802	2.96637	2.96637	0.160248	0.0956077	-10.4594	0.261426	0.160003	-6.24988	0.832713	1.39232	1.39232	0.957965	1.08597	1.08597	0.917253	35.5694	34.4695	1
cg18068681	SCLY	0.554021	0.449321	1.46321	1.46321	0.483997	0.702695	-1.42309	0.81411	0.890215	-1.12332	0.805217	0.885158	-1.12974	0.79841	0.881295	-1.13469	0.969384	1.03918	1.03918	0.212514	1.91229	1.91229	0.08598?2	2.551668	2.55168	0.312459	1.67551	1.6751	0.917242	3.54125	3.43179	1
cg13234569	CR1L	0.554022	0.347866	0.562306	-1.77839	0.658926	0.768229	-1.3017	0.0770276	0.306515	-3.27209	0.412748	0.607587	-1.64586	0.286852	0.517048	-1.93406	0.559696	0.70431	-1.41958	0.108822	0.340533	-2.86056	0.422072	0.627392	-1.5939	0.319315	0.541525	-1.84662	0.952454	5.04492	4.24042	1
cg09083853	NAT1	0.554024	0.081626?	0.660799	-1.4997	0.397802	1.19938	1.19938	0.585601	1.12256	1.12256	0.922315	1.02609	1.02609	0.450006	1.17544	1.17544	0.70602	0.923586	-1.08274	0.616742	1.11178	1.11178	0.341695	0.815607	-1.22594	0.612168	1.11334	1.11334	0.917236	0.6406	0.620802	1
cg08370546	PHKG1	0.554038	0.616506	1.41944	1.41944	0.446769	0.583952	-1.71247	0.539313	1.53899	1.53899	0.441287	1.7241	1.7241	0.397598	0.548348	-1.82366	0.291588	0.468075	-2.13641	0.252724	0.436604	-2.2904	0.403006	0.552299	-1.81061	0.293075	2.13106	2.13106	0.917214	6.99034	6.77447	1
cg12493050	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	0.554038	0.249939	0.661281	-1.51222	0.490043	0.785701	-1.27275	0.445108	0.765093	-1.30703	0.962404	1.01635	1.01635	0.815743	0.922846	-1.0836	0.048542?	0.460642	-2.17088	0.690859	1.1474	1.1474	0.98758	0.994668	-1.00536	0.675853	1.15563	1.15563	0.917214	1.71881	1.66573	1
cg04453180	PCDHGA6;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGA1;PCDHGA9;PCDHGA1;PCDHGB1;	0.554041	0.668935	0.751859	-1.33004	0.230678	2.30181	2.30181	0.0949069	0.296164	-3.3765	0.132479	0.507826	-1.96918	0.394733	0.561052	-1.78237	0.51554	0.645873	-1.54829	0.485907	0.625404	-1.59807	0.479388	0.616769	-1.62135	0.61523	0.714614	-1.39936	0.917208	6.38586	6.18869	1
cg13748640	EBP44	0.554043	0.946013	0.956127	-1.04589	0.173417	0.383039	-2.6107	0.898815	0.919173	-1.08793	0.890588	0.91285	-1.09547	0.301257	0.491849	-2.03315	0.364697	0.539519	-1.8535	0.102006	0.305517	-3.27314	0.881856	1.10354	1.10354	0.158645	0.368522	-2.71354	0.917206	6.37585	6.17901	1
cg06008638	MAPKBP1;MAPKBP3	0.554045	0.244998	0.570155	-1.75391	0.419974	1.46327	1.46327	0.360174	1.54438	1.54438	0.946576	1.03144	1.03144	0.408426	0.445315	-2.2456	0.770777	0.873737	-1.14451	0.551925	0.757263	-1.32055	0.723086	1.17865	1.17865	0.436547	0.693015	-1.44297	0.917202	3.10063	3.00492	1
cg01519902	PAAF2	0.554047	0.184951	2.301475	-4.96339	0.2181	0.228487	-4.37661	0.64066	0.585265	1.70265	0.18603	0.580247	1.72309	0.570474	0.552522	-1.80565	0.703824	1.42064	0.70398	0.964206	1.03853	1.03853	0.979674	1.02946	-1.02946	0.965194	0.951492	-1.05098	0.917199	18.8623	18.2821	1
cg19708432	ONER	0.554052	0.432409	0.520349	-1.92179	0.616294	1.50975	1.50975	0.812381	1.21394	1.21394	0.679842	0.71295	-1.40262	0.169945	0.30366	-3.29316	0.652721	0.691201	-1.44676	0.0928855	0.221475	-4.51519	0.852888	1.16341	1.16341	0.22329	0.352289	-2.83858	0.917191	9.65695	9.35896	1
cg22434599	PKNOX2;PKNOX2	0.554052	0.638312	1.554933	1.554933	0.29215	1.91005	1.91005	0.988412	1.008517	-1.00149	0.667636	1.17883	1.17883	0.354333	1.30643	1.30643	0.319707	1.1219	1.1219	0.470807	0.92121	-1.08553	0.465123	0.918098	-1.08862	0.22541	1.15306	1.15306	0.91719	0.182779	0.17617	1
cg21949747	TUBA8	0.554071	0.259934	0.746905	-1.33886	0.53176	0.855602	-1.16877	0.515601	0.849336	-1.17739	0.074336	0.600203	1.66644	0.150915	0.782151	-1.27853	0.707129	1.42424	0.70445	0.713441	0.918006	-1.08932	0.75418	0.92496	-1.08113	0.573607	0.669367	-1.42987	0.346363	0.785092	2.27228	0.917159	0.895747	0.868137	1
cg05573109	ALDH1L1	0.554083	0.516187	1.30481	1.30481	0.189852	0.570519	-1.75279	0.191407	0.571772	-1.74895	0.489996	1.32764	1.32764	0.464821	1.35075	1.35075	0.950597	1.02536	1.02536	0.449996	1.36494	1.36494	0.316880	1.51919	1.51919	0.830577	0.917045	-1.09046	0.917142	2.37266	2.29958	1
cg09338932	FBXL1	0.554086	0.950375	1.01208	1.01208	0.157067	1.29504	1.29504	0.155167	1.32083	1.32083	0.977553	1.00494	1.00494	0.850529	0.964724	-1.03657	0.778744	1.05586	1.05586	0.36467	1.19694	1.19694	0.943586	0.989599	1.06542	0.1614	0.740295	1.13459	0.917135	0.540883	0.524122	1
cg13922901	COL23A1	0.5541	0.205821	0.386427	-2.58781	0.73449	1.27446	1.27446	0.971058	1.02618	1.02618	0.491992	0.60823	-1.64411	0.150213	0.333274	-3.00053	0.872596	0.89196	-1.12113	0.737663	0.241711	-4.13718	0.798753	0.833588	-1.19963	0.742004	0.790293	-1.26535	0.917113	7.37219	7.14532	1
cg19689261	LRIC3B	0.554091	0.506766	0.397162	-1.27093	0.212436	0.627116	-1.5946	0.377575	1.33745	1.33745	0.953194	0.99815	-1.00185	0.994607	1.00537	1.00537	0.698132	1.14852	1.14852	0.708594	0.87512	-1.1427	0.585652	0.822353	-1.21602	0.318688	1.4422	1.4422	0.917095	1.83159	1.7772	1
cg16704926	SKI	0.554119	0.6361	1.37031	1.37031	0.368279	0.984614	-1.01563	0.971284	1.00154	1.00154	0.998544	1.98854	1.98854	0.23383	2.26235	2.26235	0.558544	0.71511	-1.3481	0.0678	0.0596?5	1.32072	1.32072	0.311115	1.34935	1.34935	0.123187	1.03159	1.03159	0.917208	3.54535	3.44106	1
cg01626197	GMPPB;GMPPB	0.554126	0.243102	1.28923	1.28923	0.542221	1.13691	1.13691	0.591892	1.11913	1.11913	0.695326	0.9214	-1.0853	0.850112	1.04013	1.04013	0.166309	0.735660	-1.35931	0.318147	0.806663	-1.23937	0.709413	0.9251	-1.08096	0.2823	1.26159	1.26159	0.917107	0.626287	0.60898	1
cg27275532	RP7;RP7;RP7	0.554127	0.819231	1.144083	-1.14083	0.272481	1.53434	1.53434	0.617166	1.15061	1.15061	0.81401	1.17709	1.17709	0.894253	1.08642	-1.11267	0.844858	0.85255	-1.17283	0.52318	0.644602	1.55205	1.55205	0.189869	1.39412	1.39412	0.064076	1.15408	1.15408	0.917068	1.84188	1.79248	1
cg18877862	A4GALT	0.554143	0.375612	0.858197	-1.16523	0.202515	0.797501	-1.25392	0.951279	1.01033	1.01033	0.854204	1.03142	1.03142	0.116306	0.750506	-1.33244	0.404445	1.15426	1.15426	0.676564	1.0731	1.0731	0.935853	0.986554	-1.01363	0.431264	1.14464	1.14464	0.917063	0.410775	0.398155	1
cg04781532	PBX4;G2	0.554135	0.992488	1.0055	1.0055	0.814262	0.871861	-1.14697	0.353473	1.78374	1.78374	0.365121	1.7198	1.7198	0.240129	0.488394	-2.04753	0.562252	0.71078	-1.40691	0.221778	0.475191	-2.11331	0.258828	0.503366	-1.98663	0.537534	1.43872	1.43872	0.917055	4.93093	4.77948	1
cg22053854	ITS7;PHI10;C11orf57	0.554143	0.46114	0.816288	-1.22506	0.837922	1.05698	1.05698	0.162466	1.49699	1.49699	0.0990754	0.61311	-1.63103	0.87493	1.04354	1.04354	0.34766	0.940297	-1.05341	0.855482	0.951872	-1.05056	0.824746	0.94176	-1.06184	0.398823	1.26327	1.26327	0.917041	1.06311	1.03048	1
cg15934156	MAD1L1;MAD1L1;MAD1L1	0.554145	0.743038	1.418781	1.418781	0.5	0.726312	-1.47829	0.34558	1.74858	1.74858	0.961303	1.37772	1.37772	0.955758	1.02982	1.02982	0.943859	0.933013	0.510551	1.24833	0.713547	-2.16032	0.842809	0.812913	1.23096	0.7	0.664672	-1.50472	0.351625	1.36644	1.36644	0.917029	15.1024	15.4409	1
cg17402245	TBL3	0.554152	0.650917	0.927991	-1.0776	0.561988	0.908289	-1.10097	0.60586	0.927978	-1.07761	0.809715	1.04037	1.04037	0.263452	1.21077	1.21077	0.768182	1.04969	1.04969	0.054126	0.698641	-1.43135	0.901115	1.0206	1.0206	0.800799	1.04235	1.04235	0.917026	0.390925	0.378931	1
cg05927802	ENY2;NUDCD1	0.554152	0.935323	0.994214	-1.00582	0.913966	1.09366	1.09366	0.276955	1.06065	1.06065	0.92239	1.08011	1.08011	0.870386	1.04892	1.04892	0.729139	1.02599	1.02599	0.863776	0.993577	1.00693	1.00693	0.984056	1.01212	1.01212	0.930994	1.00712	1.00712	0.917026	0.074299	0.072399	1
cg21336547	AKAP8;AKAP8	0.554153	?	?	?	0.2020?8	1.81408	1.81408	0.177702	0.239327	-4.17838	?	?	?	0.739053	0.725272	1.37879	0.675214	1.49999	1.49999	0.996228	0.99548	-1.00454	0.750566	1.35849	1.35849	0.473097	2.0285	2.0285	0.925962	6.51857	7.41976	1
cg01034631	MEG8	0.554157	0.124068	0.318481	-3.1399	0.358315	1.91355	1.91355	0.309556	2.05949	2.05949	0.47812	0.609286	-1.64126	0.398765	0.552388	-1.81032	0.915632	0.928783	-1.07552	0.993675	1.00546	0.450955	0.589967	-1.69501	0.369426	0.5301	-1.88643	0.917018	6.85521	6.64493	1
cg23240617	BRF1	0.554158	0.835952	0.9222	-1.08417	0.725759	1.31759	1.31759	0.0911993	1.10245	1.10245	0.199967	1.3767	1.3767	0.0516703	1.32037	1.32037	0.315009	0.742637	1.34657	0.0139967	0.0178?6	1.72623	1.72623	0.0777	1.29779	1.29779	0.173665	1.08049	1.08049	0.917013	0.809608	0.784651	1
cg14463748	SNRNP200	0.554165	?	?	?	0.791389	0.787979	-1.26907	?	?	?	0.0516703	7.32037	7.32037	0.713431	1.39313	1.39313	0.548219	1.72654	1.72654	0.682782	0.691194	-1.44677	0.98617	0.98454	-1.0157	0.972075	0.969026	-1.03196	0.890702	8.86466	11.3742	1
cg04905477	DCP1	0.554173	0.845968	0.957582	-1.0443	0.332106	1.2494	1.2494	0.68263	1.08594	1.08594	0.847006	0.757866	-1.31966	0.0992504	0.880774	-1.13571	0.934903	1.01835	1.01835	0.940832	0.96512	1.0357	1.0357	0.662112	1.697	1.697	0.0203?6	1.30164	1.30164	0.597756	0.721282	0.699177	1
cg16985259	IPO13;IPO13	0.554174	0.168518	1.83964	1.83964	0.674329	0.838972	-1.19193	0.961655	1.02017	1.02017	0.509676	0.757406	-1.3203	0.503723	0.764553	-1.30765	0.38968	1.44225	1.44225	0.183968	0.556801	-1.79597	0.523646	0.764524	-1.308	0.440722	1.38629	1.38629	0.916991	2.5065	2.42969	1
cg11128983	CPLX2;CPLX2	0.554179	0.372705	0.157933	-6.33179	0.51884	0.267416	-3.73949	0.338306	7.31965	7.31965	0.324091	0.128249	-7.79731	0.716582	2.08543	2.08543	0.259121	10.7432	10.7432	0.614605	0.359201	-2.78396	0.205497	14.7852	14.7852	0.701329	0.459713	-2.17527	0.916983	59.0654	57.2558	1
cg19479377	DCP1	0.554179	0.359339	0.707983	-1.41343	0.727283	1.04887	1.04887	0.457756	0.953184	-1.04917	0.137733	0.799817	-1.25057	0.0210024	1.25128	1.25128	0.943766	1.01835	1.01835	0.940832	0.96512	1.0357	1.0357	0.662112	1.697	1.697	0.0203?6	1.30164	1.30164	0.597756	0.721282	0.699177	1
cg25753988	SNTG2	0.554181	0.737404	1.08299	1.08299	0.350444	0.796363	-1.25571	0.164148	0.706114	-1.4162	0.570641	1.14541	1.14541	0.397101	0.852836	-1.17256	0.430442	1.21006	1.21006	0.44968	1.20222	1.20222	0.184628	0.716501	-1.39567	0.782235	0.936461	-1.06765	0.917029	0.815207	0.790235	1
cg23475112	SLC23A1	0.554183	0.164358	0.405853	-2.46353	0.0796?3	0.691736	-1.4457	0.638736	0.691728	-1.44566	0.945351	0.795035	-1.25761	0.644888	0.855332	-1.16888	0.783776	1.27589	1.27589	0.339072	0.877735	-1.13931	1.42754	0.700368	-1.42755	0.160979	1.27506	-1.27506	0.916979	1.4068	1.37227	1
cg10.1965163	KIF11	0.554188	0.0941888	0.223848	-4.46732	0.529848	0.595889	-1.67816	0.569009	0.626119	-1.59714	0.163118	0.297925	-3.35655	0.351012	0.458039	-2.18322	0.291351	0.410393	-2.43669	0.201407	0.333719	-2.99653	0.351376	0.458325	-2.18186	0.872505	1.13956	1.13956	0.916968	2.60947	9.31522	1
cg13588826	CDL6A2;CDL6A2;CDL6A2	0.554191	0.9601	1.02861	1.02861	0.264245	0.518666	-1.92802	0.81518	0.876254	-1.14122	0.868276	0.910608	-1.09817	0.881726	1.08762	1.08762	0.805331	0.869961	-1.14948	0.418949	1.59198	0.592394	0.860809	1.15196	0.44317	0.271662	-3.68104	0.916965	4.62221	4.48068	1
cg04742777	PRR23A	0.554193	0.919339	0.960642	-1.15212	0.51045	0.793671	2.13693	1.03048	0.999466	-1.14948	0.709341	0.515866	1.94155	0.0448	0.768117	-1.30167	0.545183	0.796317	-1.25567	0.248009	0.82989	-1.20498	0.331867	1.6502	1.6502	0.047572	1.43763	1.43763	0.916959	0.5356	0.53243	1
cg14145653	INSL6	0.554195	0.323275	0.767217	-1.30341	0.166595	1.46677	1.46677	0.71707	0.909807	-1.09913	0.838564	1.05441	1.05441	0.524872	0.845985	-1.18218	0.283795	0.748846	-1.33539	0.698888	1.10623	1.10623	0.177316	0.689071	-1.45123	0.643985	1.3861	1.3861	0.916956	0.979708	0.949721	1
cg04952240	PALLD;PALLD;PALLD	0.554196	0.343634	0.593074	-1.68531	0.256312	1.34558	1.34558	0.760139	1.37772	1.37772	0.955758	1.05982	1.05982	0.352993	1.37472	-2.66332	0.843859	1.22919	1.22919	0.213966	1.25879	1.25879	0.386413	0.807929	1.06472	0.1424	0.93954	-1.50472	0.351625	1.36644	1.36644	0.917029	15.1024	15.4409	1
cg21533897	NRXN2;NRXN2;NRXN2	0.554199	0.743414	0.788291	-1.26857	0.0630333	0.54705	-4.54705	0.399287	1.86815	1.86815	0.574816	0.661148	-1.51252	0.976375	0.978782	-1.02168	0.793129	0.826673	-1.20967	0.585957	1.48936	0.41968	0.918967	0.847591	-1.17981	0.3186	0.474009	-2.10967	0.916949	7.61726	7.38416	1
ch.13.7217478	INTS6;INTS6	0.5542	0.117532	0.525819	-1.68745	0.62877	0.859848	-1.163	0.935482	0.920792	-1.08602	0.145192	0.558876	-1.85572	0.991336	0.995666	-1.00416	0.783118	1.10861	1.10861	0.158576	0.569498	-1.75594	0.247214	0.666252	-1.50093	0.914571	0.960695	-1.04091	0.916924	2.00794	1.96252	1
cg24030622	TBX4	0.554241	0.946945	0.989268	-1.01085	0.377306	1.16775	1.16775	0.254581	0.817163	-1.22375	0.547497	1.30891	1.30891	0.49272	0.788504	-1.12561	0.892744	1.02318	1.02318	0.237942	0.810626	-1.23361	0.161091	1.28944	1.28944	0.768683	1.05116	1.05116	0.916931	0.418867	0.405258	1
cg06789517	SYT6	0.554216	0.673823	0.766179	-1.30518	0.0566665	0.25558	-3.91266	0.149296	0.378012	-2.64542	0.529405	0.669753	-1.49309	0.225026	0.448556	-2.22938	0.807929	0.857933	-1.16559	0.68276	0.774554	-1.29107	0.578788	0.702709	-1.42306	0.941277	1.04744	1.04744	0.916922	5.74801	5.57227	1
cg04727763	TOM1L2;TOM1L2	0.554217	0.164354	0.608556	-1.64353	0.236736	0.663625	-1.50726	0.191993	1.51459	1.51459	0.182527	0.56362	-1.77462	0.808906	1.03113	1.03113	0.504402	1.1388	1.1388	0.0799?1	0.0178?6	1.72623	1.72623	0.0777	1.29779	1.29779	0.173665	1.08049	1.08049	0.917013	0.809608	0.784651	1
cg16710791	TROVE2;TROVE2;TROVE2;UCHL5	0.554227	0.858194	1.03059	1.03059	0.507478	0.892903	-1.11994	0.297649	1.19948	1.19948	0.253916	1.22261	1.22261	0.379466	1.16403	1.16403	0.640556	1.08244	1.08244	0.647488	0.925373	-1.08064	0.543803	1.10906	1.10906	0.0785904	1.38974	1.38974	0.916904	0.41213	0.399538	1
cg08353444	BICC1	0.554227	0.609933	0.919555	-1.5665	0.483594	0.525158	-1.90385	0.747057	0.769272	-1.29993	0.636943	1.47016	1.47016	0.111058	0.244837	-4.08435	0.543178	0.607219	-1.64685	0.403056	0.525132	-1.90344	0.503803	0.67137	-1.48872	0.503803	0.576386	-1.73495	0.916904	9.54159	9.25006	1
cg16037142	WDR34	0.554242	0.195343	0.808551	-1.23663	0.768729	1.04721	1.04721	0.153975	1.07214	1.07214	0.843758	0.931271	-1.07356	0.600571	1.06511	1.06511	0.540079	0.69224	-1.44453	0.843568	0.969827	1.03111	0.573757	0.915631	-1.09234	0.830135	0.567233	-1.76238	0.916879	0.349205	0.338545	1
cg02844647	CHN2;CHN2	0.554257	0.860674	1.07703	1.07703	0.232572	0.589321	-1.69687	0.879317	1.06628	1.06628	0.439109	1.39561	1.39561	0.532222	0.765485	-1.30636	0.35066	0.666461	-1.50046	0.181584	0.540349	-1.82034	0.183147	0.550667	-1.81598	0.588496	1.25952	1.25952	0.916855	2.59096	2.51193	1
cg03521656	TMC5;TMC5;TMC5;TMC5	0.554262	0.535931	0.887789	1.12617	0.256312	1.34558	1.34558	0.760139	1.37772	1.37772	0.955758	1.05982	1.05982	0.352993	1.37472	-2.66332	0.843859	1.22919	1.22919	0.213966	1.25879	1.25879	0.386413	0.807929	1.06472	0.1424	0.93954	-1.50472	0.351625	1.36644	1.36644	0.917029	15.1024	15.4409	1
cg01927887	PITPNC1;PITPNC1;PITPNC1;PITPNC1	0.554267	0.435107	0.847255	-1.18028	0.892173	0.972164	-1.02863	0.718256	0.927358	-1.07833	0.278688	0.791006	-1.26421	0.599337	1.11646	1.11646	0.689122	0.919704	-1.08731	0.308901	1.24508	1.24508	0.090366?	0.678119	-1.47467	0.990703	0.832713	-1.20089	0.916838	0.629124	0.609946	1
cg14859047	EPHB1	0.554281	0.249209	0.693	1.80819	0.557669	1.3386	1.3386	0.132454	2.22216	2.22216	0.656382	1.24637	1.24637	0.358996	1.59022	1.59022	0.76098	0.860662	-1.1619	0.765707	1.15833	1.15833	0.0792614	2.60703	2.60703	0.433017	1.48217	1.48217	0.916812	0.53126	0.50428	1
cg14599059	KANK2	0.554283	0.528196	1.15445	1.15445	0.363407	1.23359	1.23359	0.321012	1.25915	1.25915	0.867066	0.963048	-1.03837	0.463117	1.18276	1.18276	0.831447	0.953225	-1.04907	0.65501	0.903865	-1.10636	0.626214	0.89555	-1.11663	0.0594303	1.63318	1.63318	0.916811	0.733439	0.711101	1
cg19036490	FOXK1	0.554293	0.920387	0.96705	-1.03407	0.176692	1.61419	1.61419	0.381338	1.35111	1.35111	0.902114	0.959601	-1.0421	0.950475	0.979398	-1.02104	0.141163	0.588381	-1.69958	0.756	1.11012	1.11012	0.233213	1.52031	1.52031	0.755153	0.900465	-1.11054	0.916801	1.63095	1.58129	1
cg19008133	ADCY5	0.554229	0.364205	1.37139	1.37139	0.460673	1.74042	1.74042	0.182323	1.37056	1.37056	0.61986	1.33371	1.33371	0.376502	1.33576	1.33576	0.638347	1.19509	1.19509	0.364988	1.33388	1.33388	0.298413	1.63371	1.63371	0.0108	0.542491	1.84525	1.84525	0.916795	0.429301	0.412544	1
cg07511337	KLC1;KLC1	0.554229	0.960459	1.04852	1.04852	0.0826883	0.274665	0.274665	0.0670195	7.11253	7.11253	0.9768	1.02818	1.02818	0.795908	1.28107	1.28107	0.717171	1.41572	1.41572	0.47495	0.20232	0.20232	0.995986	1.00482	1.00482	0.943602	1.06095	1.06095	0.9168	13.2598	12.8561	1
cg16355531	FAM53B	0.554235	0.512554	1.14592	1.14592	0.9525	0.940092	0.979587	1.02084	0.533825	0.839959	-1.19056	0.844507	0.947544	-1.05536	0.883908	0.590668	-1.6193	0.703668	0.909455	-1.10055	0.964207	0.948778	0.918737	-1.01655	0.629452	0.871991	-1.1468	0.916792	1.09124	1.06697	1
cg14128890	FAM176B	0.554297	0.125043	0.474901	-2.1057	0.252504	0.586998	-1.70358	0.729316	0.855746	-1.16858	0.911315	0.05124	1.05124	0.134314	0.483831	-2.06684	0.340709	0.69228	-1.44453	0.843568	0.969827	1.03111	0.573757	0.915631	-1.09234	0.830135	0.567233	-1.76238	0.916879	0.349205	0.338545	1
cg26804360	HDAC4	0.554299	0.621122	1.36866	1.36866	0.392538	1.73685	1.73685	0.347082	1.84084	1.84084	0.371807	1.78235	1.78235	0.0844988	0.30038	-3.32912	0.845397	1.13093	1.13093	0.416958	1.66862	1.66862	0.644874	1.33978	1.33978	0.910222	0.931376	-1.07368	0.916786	5.76785	5.59233	1
cg08489799	MUSK;MUSK;MUSK	0.554306	0.641206	1.726134	1.726134	0.377539	0.782555	1.27755	0.387717	1.8044	1.8044	0.513969	0.909402	-1.09976	0.964422	1.03689	1.03689	0.754877	1.32482	1.32482	0.440152	0.754636	-1.32492	0.580904	0.768719	-1.30084	0.750903	0.74637	-1.33952	0.557615	2.07497	2.01753	1
cg25783969	CD36	0.554308	0.565413	0.9096	1.0996	0.403506	0.869642	-1.1499	0.890436	0.977732	-1.02278	0.792404	1.04404	1.04404	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg02673256	ARTS,ARTS	0.554864	0.917044	1.0162	0.1162	1.030347	1.32006	1.32006	0.173068	0.7996606	1.225062	0.92621	0.10439	1.01439	0.845631	1.03052	0.052	0.785354	1.04301	1.04301	0.324658	0.854795	1.16987	0.958525	0.99201	1.00305	0.491203	0.807757	0.113389	0.935859	0.345136	0.334973	1
cg04746303	GPSM3,NOTCH4	0.55487	0.826156	1.02868	1.02868	1.038363	1.12038	1.12038	0.348363	0.8832663	-1.13217	0.787009	1.03543	1.03543	0.323804	0.877202	-1.13999	0.480906	1.09649	1.09649	0.342694	0.882133	-1.13362	0.40704	1.11522	1.11522	0.180721	1.20049	1.20049	0.95185	0.239775	0.232716	1
cg16145137	LRP8,LRP8;LRP8;LRP8	0.554871	0.875304	0.977498	-1.02302	0.335672	0.865992	-1.15475	0.927444	0.986887	-1.01329	0.655184	0.936934	-1.06731	0.181124	1.22846	1.22846	0.32523	1.15862	1.15862	0.402449	0.883219	-1.13222	0.228331	1.20111	1.20111	0.458477	1.11561	1.11561	0.915848	0.304659	0.295691	1
cg19861198	RPRM	0.554882	0.656422	1.09451	1.09451	0.866143	0.966557	-1.03451	0.196409	1.33729	1.33729	0.456882	0.858249	-1.16516	0.482336	0.805836	-1.15495	0.291752	1.80159	-1.2405	0.231061	1.28847	1.28847	0.614178	0.902651	-1.108	0.387358	1.19573	1.19573	0.91583	0.590375	0.573008	1
cg21172814	LHX4	0.554882	0.919859	0.974141	-1.02655	0.229355	1.38871	1.38871	0.904762	1.03165	1.03165	0.599239	0.871598	1.14803	0.57199	0.861854	-1.16029	0.321088	1.30589	1.30589	0.523231	0.84499	-1.18345	0.735831	0.915619	-1.09216	0.0936914	1.61592	1.61592	0.915829	0.983052	0.954134	1
cg04781638	CFEB1,CFEB1;CFEB1;CFEB1	0.554883	0.68177	1.11393	1.11393	0.653617	1.12631	1.12631	0.0683043	1.70602	1.70602	0.828686	1.05835	1.05835	0.870193	0.958166	-1.04073	0.277814	0.74227	-1.34659	0.492585	0.833284	-1.20007	0.734999	0.914029	-1.09298	0.441372	1.22808	1.22808	0.915828	0.993363	0.964143	1
cg06684503	MLLT6	0.554892	0.130281	0.229762	-4.35234	0.913609	0.90695	-1.1026	0.82713	1.21755	1.21755	0.442872	0.49453	-2.02212	0.202749	0.298132	-3.35422	0.315244	0.392747	-2.54617	0.182053	0.279501	-3.57781	0.426189	0.481298	-2.07771	0.193117	0.28953	-3.45387	0.915813	11.7484	11.403	1
cg21638529	PANX1	0.554899	0.389899	0.845742	-1.18239	0.251889	0.735496	-1.2556	0.308995	0.8158558	-1.22166	0.95126	0.352596	0.847417	-1.18006	0.742595	1.06467	1.06467	0.566748	1.1164	1.1164	0.1729	1.3176	1.3176	0.161403	0.852452	-1.17309	0.928545	0.983089	-1.0172	0.915802	0.524471	0.509058	1
cg22748799	5	0.5549	0.707342	0.87337	-1.14499	0.447572	1.32033	1.32033	0.713468	1.14157	1.14157	0.0780028	0.495083	-2.01986	0.433851	1.33202	1.33202	0.452428	0.759718	-1.31628	0.650858	0.840115	-1.1777	0.762548	0.896023	-1.11492	0.385403	1.37639	1.37639	0.9158	1.86931	1.81438	1
cg23179272	SAV1	0.554907	0.272533	0.777016	-1.28705	0.154227	0.754656	-1.32516	0.266441	1.89765	1.89765	0.644986	0.799206	-1.25122	0.626441	1.59644	1.59644	0.512123	1.3766	1.3766	0.538405	1.34912	1.34912	0.797399	1.14423	1.14423	0.143382	1.22958	1.22958	0.95179	1.35189	1.25343	1
cg24647276	FLI45983;GATA3;GATA3;FLI45983	0.554909	0.648017	0.863532	-1.15563	0.878146	0.952865	-1.04947	0.836744	1.06709	1.06709	0.873773	0.951199	-1.05131	0.266628	0.694736	-1.4394	0.685202	0.876932	-1.13684	0.252683	0.668239	-1.45107	0.630877	1.16457	1.16457	0.086837	1.81306	1.81306	0.98536	1.43634	1.39416	1
cg00622105	SPRED2;SPRED2	0.554911	0.719798	1.22737	1.22737	0.623079	1.99603	1.99603	0.788949	1.19674	1.19674	0.959023	1.035	1.035	0.934221	1.17943	1.17943	0.958044	1.03585	1.03585	0.147554	1.28046	1.28046	0.881222	0.276264	-1.61318	0.529203	1.53238	1.53238	0.915782	6.50243	6.31147	1
cg19272827	HERC3	0.554916	0.9879	1.00983	1.00983	0.620129	1.55151	1.55151	0.167685	1.03481	1.03481	0.239287	1.21365	1.21365	0.4512	1.64049	1.64049	0.651077	1.34123	1.34123	0.0738026	0.276634	-3.61488	0.903692	1.08118	1.08118	0.523727	1.51691	1.51691	0.915774	0.63073	0.585368	1
cg10665686	NR3N1	0.554945	0.476698	0.733757	-1.36285	0.860936	1.07791	1.07791	0.803023	1.01826	1.01826	0.711284	1.31273	1.14226	0.734276	1.34223	1.34223	0.407279	1.43717	1.43717	0.914157	1.04721	1.04721	0.660007	0.21668	2.41668	0.406774	1.43776	1.43776	0.915726	2.65471	2.57691	1
cg07091478	ZBTB46	0.554951	0.710079	1.3055	1.3055	0.796708	0.960768	-1.04033	0.738489	1.3222	1.3222	0.378576	0.724972	1.22472	0.728735	0.794052	-1.25936	0.641388	1.40506	1.40506	0.177273	0.794554	-1.14815	0.944853	1.04885	1.04885	0.888707	0.889754	-1.12391	0.509249	0.572042	-1.74822	0.915719	0.10933	0.79763	1
cg04867423	DDR2;DDR2	0.554964	0.997908	0.999133	-1.00087	0.381755	0.742325	-1.34712	0.225397	1.52876	1.52876	0.971349	0.988187	-1.01195	0.854527	0.940171	-1.06262	0.913146	1.03676	1.03676	0.196342	1.57766	1.57766	0.136871	1.70976	1.70976	0.359333	1.36776	1.36776	0.923725	1.56793	1.3202	1
cg24147543	HLA-DRB1	0.554971	0.127392	4.88236	4.88236	0.7488	0.713192	-1.36255	0.388459	0.426959	-2.34215	0.345994	0.392786	-2.54592	0.299049	0.354739	-2.81897	0.338263	2.587	2.587	0.835383	0.818639	-1.22154	0.657684	1.53634	1.53634	0.813696	1.25522	1.25522	0.915685	13.4458	13.0523	1
cg19655952	P2	0.554971	0.99911	1.00047	1.00047	0.208262	0.568582	-1.75876	0.243436	1.68106	1.68106	0.196075	1.78927	1.78927	0.407236	0.697121	-1.43447	0.4365	0.713317	-1.4019	0.683932	0.840137	-1.19028	0.573715	0.785117	-1.27369	0.785015	1.12341	1.12341	0.915684	2.62664	2.54978	1
cg18552883	ASB18	0.554972	0.991298	1.00912	1.00912	-1.01838	0.954778	1.11222	1.11222	0.760932	0.950752	-1.0518	0.256172	0.833574	-1.20043	0.937422	1.06711	1.06711	0.140623	0.761135	-1.31383	0.930627	1.20286	1.20286	0.254502	1.22739	1.22739	1.20286	0.859683	0.979924	-1.02049	0.915683	0.430059	0.417474	1
cg05516328	AHRR	0.554973	0.83328	0.952953	-1.04937	0.406444	1.21429	1.21429	0.864012	0.961568	-1.03997	0.32269	1.26306	1.26306	0.626286	1.10463	1.10463	0.929344	1.02048	1.02048	0.26903	0.768614	-1.30104	0.606161	0.887901	-1.12625	0.0910586	0.653423	-1.5304	0.915682	0.759777	0.735798	1
cg07317602	CLIA1A	0.554978	0.999102	1.00182	1.00182	0.572363	1.78778	1.78778	0.0994	1.04514	1.04514	0.409833	0.428886	2.3262	0.283823	0.527832	-1.89434	0.483643	0.845451	1.18276	0.405353	0.672457	-2.45487	0.228823	0.331435	-3.01719	0.915672	0.54369	0.541233	1			1
cg01125814	ZNF638;ZNF638	0.554985	0.275808	1.29605	1.29605	0.923039	0.977575	-1.02294	0.841226	1.04695	1.04695	0.84954	0.957488	-1.0444	0.426698	1.204	1.204	0.40578	1.8232	-1.21477	0.882442	1.03443	1.03443	0.198594	1.36447	1.36447	0.0935692	1.52479	1.52479	0.91566	2.758817	0.73663	1
cg01936653	SYT7	0.554987	0.0830899	0.519074	-1.92651	0.34017	0.714781	-1.39903	0.147419	0.587887	-1.70101	0.677859	0.866971	-1.15344	0.234172	0.865129	-1.15602	0.553585	0.807161	-1.23891	0.40476	0.740497	0.78731	-1.27044	0.755238	1.12278	1.11278	0.915658	1.69355	1.64404	1			1
cg04890406	UQCRC1	0.554998	0.557737	1.25054	1.25054	0.76357	0.962768	-1.04033	0.738489	1.3222	1.3222	0.378576	0.724972	1.22472	0.728735	0.794052	-1.25936	0.641388	1.40506	1.40506	0.177273	0.794554	-1.14815	0.944853	1.04885	1.04885	0.888707	0.889754	-1.12391	0.509249	0.572042	-1.74822	0.915719	0.10933	0.79763	1
cg11573390	TCEG1L	0.555001	0.478501	0.609806	-1.63986	0.156913	0.82713	1.82713	0.447397	0.587686	-1.70159	0.591002	0.689082	-1.45121	0.219628	0.412268	-2.42561	0.913146	1.03676	1.03676	0.196342	1.57766	1.57766	0.136871	1.70976	1.70976	0.359333	1.36776	1.36776	0.923725	1.56793	1.3202	1
cg09803917	Cbx/3	0.555004	0.990809	1.00244	1.00244	0.83539	0.956979	-1.04606	0.557269	0.884386	-1.13073	0.302194	1.25394	1.25394	0.894245	1.02851	1.02851	0.078568	1.51123	1.51123	0.226194	0.764688	-1.30773	0.918251	1.04704	1.04704	0.958301	1.04351	1.04351	0.647704	0.628787	0.628787	1
cg22648843	AKIRIN1;AKIRIN1	0.555016	0.144433	1.49042	1.49042	0.995806	1.00134	1.00134	0.634846	0.886511	-1.12802	0.423712	1.23119	1.23119	0.114792	0.740726	-1.35016	0.914624	1.02767	1.02767	0.209044	1.40082	1.40082	0.412756	0.42055	2.42055	0.186186	0.961089	1.04049	0.915681	0.939582	0.912161	1
cg27414863	CDYL;CDYL;CDYL;CDYL	0.555019	0.713757	0.86894	-1.15083	0.687716	1.16658	1.16658	0.827875	0.920323	-1.08658	0.130904	0.536896	-1.86256	0.977937	1.0106	1.0106	0.273884	0.64781	-1.54366	0.554787	1.25583	1.25583	0.117661	0.52312	-1.91161	0.697227	1.16077	1.16077	0.915606	2.10845	2.04693	1
	ZMYND11;ZMYND11;ZMYND11;ZMYND																																	
cg22593633	11	0.555024	0.395238	1.4191	1.4191	0.800211	1.10732	1.10732	0.335213	0.670654	-1.49108	0.466983	1.34656	1.34656	0.326515	1.50263	1.50263	0.127501	1.93961	1.93961	0.34831	0.847289	0.67426	-1.48306	0.900421	1.05161	1.05161	0.915598	2.34346	2.2751	1
cg22838050	MED16	0.55035	0.302754	1.601196	1.66339	0.883784	1.23772	1.23772	0.838744	0.908409	-1.10092	0.326209	1.38562	1.38562	0.0966	1.74302	1.74302	0.098403	2.19434	2.19434	0.211582	1.64541	1.64541	0.0948	1.10907	1.10907	0.711367	1.15054	1.15054	0.91588	2.06737	2.01582	1
cg20593100	PKN3	0.555032	0.941048	1.011	1.011	0.651968	0.935044	-1.06947	0.0532544	1.38379	1.38379	0.591608	1.08341	1.08341	0.57952	0.920544	-1.08631	0.505706	1.10505	1.10505	0.344144	0.865761	-1.15505	0.738121	1.05089	1.05089	0.979833	1.00375	1.00375	0.915585	0.317299	0.308047	1
cg21525455	PLIN5	0.555035	0.673563	0.826762	-1.20954	0.179657	0.527353	-1.89626	0.742853	1.5193	1.5193	0.616988	1.25407	1.25407	0.170552	0.519302	-1.92566	0.546781	0.760484	-1.31495	0.343615	0.459838	-2.02496	0.346557	0.647114	-1.54532	0.785372	1.13039	1.13039	0.91558	2.92325	2.83803	1
cg08872248	TSC2;TSC2;TSC2	0.555037	0.504857	-1.285	1.285	0.923557	1.21968	1.21968	0.914964	0.0415469	5.43352	5.43352	0.619732	1.44505	0.470948	0.784744	-1.22377	0.613707	0.602976	-1.65911	0.654438	0.72056	-1.38756	0.779846	1.44405	1.44405	0.111719	0.915672	1.53495	1.50391	1.73141	1.73141	1
cg03139423	KIF6	0.555046	0.725824	0.837623	-1.19385	0.455706	0.682262	-1.46571	0.116566	0.423944	-2.3588	0.237107	1.86514	1.86514	0.789536	0.874039	-1.14411	0.413074	0.656309	-1.52367	0.571658	1.33328	1.33328	0.439299	0.672363	-1.48729	0.537104	1.3696	1.3696	0.915561	3.67245	3.56547	1
cg04739134	FBXO9;FBXO9	0.555054	0.786095	1.07194	1.07194	0.626907	0.964568	-1.03677	0.644539	1.03886	1.03886	0.154893	1.37262	1.37262	0.164	1.72027	1.72027	0.750004	1.3143	1.3143	0.107362	0.623455	-1.60422	0.89637	1.11559	1.11559	0.806251	1.16951	1.16951	0.915584	1.43624	1.35167	0.794904	0.649639	1
cg05438092	FLNA;FLNA	0.555069	0.257109	0.212978	-6.69532	0.446071	0.267121	-2.76112	0.801948	0.719902	-1.38908	0.265386	4.5618	4.5618	0.264546	4.5764	4.5764	0.190911	1.63507	-1.61593	0.712858	0.616716	-1.62149	0.307465	0.637413	0.63713	-1.57013	0.803898	1.38448	1.38448	0.915524	24.7929	24.0716	1
cg02040088	EP400	0.555078	0.790271	1.08515	1.08515	0.416559	1.28988	1.28988	0.150353	1.60424	1.60424	0.583741	0.843969	-1.18488	0.568617	0.838077	-1.19321	0.379405	0.758473	-1.31844	0.631149	0.862172	-1.15986	0.174288	1.55745	1.55745	0.714156	0.893347	-1.11939	0.915509	1.36278	1.32316	1
cg13785250	LRRC56;LRRC56	0.555082	0.786095	1.07194	1.07194	0.626907	0.964568	-1.03677	0.644539	1.03886	1.03886	0.154893	1.37262	1.37262	0.164	1.72027	1.72027	0.750004	1.3143	1.3143	0.107362	0.623455	-1.60422	0.89637	1.11559	1.11559	0.806251	1.16951	1.16951	0.915584	1.43624	1.35167	0.794904	0.649639	1
cg03109692	PDZK1	0.555083	0.75265	0.774195	-1.29126	0.0974319	0.95926	-1.35926	0.769428	1.23018	1.23018	0.78088	1.26938	1.26938	0.195288	0.329938	-3.03088	0.923815	1.08161	1.08161	0.380781	0.480985	-2.07203	0.898865	0.490686	-2.01213	0.830714	0.840877	-1.18923	0.915582	0.50167	0.32547	1
cg06448242	CSGN2;CSGN2	0.555107	0.461811	0.818004	1.03843	1.03843	0.564691	0.63967	0.78034	0.946126	0.861355	0.146815	0.744818	0.820472	0.462111	0.432644	1.25365	0.624568	1.00336	1.00336	0.401203	0.527216	-1.89676	0.978784	1.0437	1.0437	0.558201	0.959174	-1.04994	0.902618	0.137804	0.135758	0.134812	1
cg25116216	GAS7	0.555125	0.120968	1.41915	1.41915	0.790558	0.946095	-1.05698	0.920526	0.979439	-1.02099	0.176561	1.3486	1.3486	0.682596	0.91797	-1.08936	0.804903	1.01558	1.01558	0.184021	1.34095	1.34095	0.740431	0.933132	-1.07166	0.374799	1.20881	1.20881	0.915432	0.628305	0.610087	1
cg24609040	ZNF608	0.555127	0.90241	0.954005	-1.04777	0.560565	1.25093	1.25093	0.250911	0.844396	-1.18403	0.213073	1.32753	1.32753	0.882179	0.95834	-1.04351	0.562636	0.800383	1.2496	0.0285722	1.41099	0.708727	1.41099	0.914429	0.908301	1.10038	1.10038	1.04351	0.915581	0.647704	0.628787	0.628787	1
cg22648843	AKIRIN1;AKIRIN1	0.555016	0.144433	1.49042	1.49042	0.995806	1.00134	1.00134	0.634846	0.886511	-1.12802	0.423712	1.23119	1.23119	0.114792	0.740726	-1.35016	0.914624	1.02767	1.02767	0.209044	1.40082	1.40082	0.412756	0.42055	2.42055	0.186186	0.961089	1.04049	0.915581	0.939582	0.912161	1
cg27414863	CDYL;CDYL;CDYL;CDYL	0.555019	0.713757	0.86894	-1.15083	0.687716	1.16658	1.16658	0.827875	0.920323	-1.08658	0.130904	0.536896	-1.86256	0.977937	1.0106	1.0106	0.273884	0.64781	-1.54366	0.554787	1.25583	1.25583	0.117661	0.52312	-1.91161	0.697227	1.16077	1.16077	0.915606	2.10845	2.04693	1
	ZMYND11;ZMYND11;ZMYND11;ZMYND																																	
cg22593633	11	0.555024	0.395238	1.4191	1.4191	0.800211	1.10732	1.10732	0.335213	0.670654	-1.49108	0.466983	1.34656	1.34656	0.326515	1.50263	1.50263	0.127501	1.93961	1.93961	0.34831	0.847289	0.67426	-1.48306	0.900421	1.05161	1.05161	0.915598	2.34346	2.2751	1
cg22838050	MED16	0.55035	0.302754	1.601196	1.66339	0.883784	1.23772	1.23772	0.838744	0.908409	-1.10092	0.326209	1.38562	1.38562	0.0966	1.74302	1.74302	0.098403	2.19434	2.19434	0.211582	1.64541	1.64541	0.0948	1.10907	1.10907	0.711367	1.15054	1.15054	0.91588	2.06737	2.01582	1
cg20593100	PKN3	0.555032	0.941048	1.011	1.011	0.651968	0.935044	-1.06947	0.0532544	1.38379	1.38379	0.591608	1.08341	1.08341	0.57952	0.920544	-1.08631	0.505706	1.10505	1.10505	0.344144	0.865761	-1.15505	0.738121	1.05089	1.05089	0.979833	1.00375	1.00375	0.915585	0.317299	0.308047	1
cg21525455	PLIN5	0.555035	0.673563	0.826762	-1.20954	0.179657	0.527353	-1.89626	0.742853	1.5193	1.5193	0.616988	1.25407	1.25407	0.170552	0.519302	-1.92566	0.546781	0.760484	-1.31495	0.343615	0.459838	-2.02496	0.346557	0.647114	-1.54532	0.785372	1.13039	1.13039	0.91558	2.92325	2.83803	1
cg08872248	TSC2;TSC2;TSC2	0.555037	0.504857	-1.285	1.285	0.923557	1.21968	1.21968	0.914964	0.0415469	5.43352	5.43352	0.619732	1.44505	0.470948	0.784744	-1.22377	0.613707	0.602976	-1.65911	0.654438	0.72056	-1.38756	0.779846	1.44405	1.44405	0.111719	0.915672	1.53495	1.50391	1.73141	1.73141	1
cg03139423	KIF6	0.555046	0.725824	0.837623	-1.19385	0.455706	0.682262	-1.46571	0.116566	0.423944	-2.3588	0.237107	1.86514	1.86514	0.789536	0.874039	-1.14411	0.413074	0.656309	-1.52367	0.571658	1.33328	1.33328	0.439299	0.672363	-1.48729	0.537104	1.3696	1.3696	0.915561	3.67245	3.56547	1
cg04739134	FBXO9;FBXO9	0.555054	0.786095	1.07194	1.07194	0.626907	0.964568	-1.03677	0.644539	1.03886	1.03886	0.154893	1.37262	1.37262	0.164	1.72027	1.72027	0.750004	1.3143	1.3143	0.107362	0.623455	-1.60422	0.89637	1.11559	1.11559	0.806251	1.16951	1.16951	0.915584	1.43624	1.35167	0.794904	0.649639	1
cg05438092	FLNA;FLNA	0.555069	0.257109	0.212978	-6.69532	0.446071	0.267121	-2.76112	0.801948	0.719902	-1.38908	0.265386	4.5618	4.5618	0.264546	4.5764	4.5764	0.190911	1.63507	-1.61593	0.712858	0.616716	-1.62149	0.307465	0.637413	0.63713	-1.57013	0.803898	1.38448	1.38448	0.915524	24.7929	24.0716	1
cg02040088	EP400	0.555078	0.790271	1.08515	1.08515	0.416559	1.28988	1.28988	0.150353	1.60424	1.60424	0.583741	0.843969	-1.18488	0.568617	0.838077	-1.19321	0.379405	0.758473	-1.31844	0.631149	0.862172	-1.15986	0.174288	1.55745	1.55745	0.714156	0.893347	-1.11939	0.915509	1.36278	1.32316	1
cg13785250	LRRC56;LRRC56	0.555082	0.786095	1.07194	1.07194	0.626907	0.964568	-1.03677	0.644539	1.03886	1.03886	0.154893	1.37262	1.37262	0.164	1.72027	1.72027	0.750004	1.3143	1.3143	0.107362	0.623455	-1.60422	0.89637	1.11559	1.11559	0.806251	1.16951	1.16951	0.915584	1.43624	1.35167	0.794904	0.649639	1
cg03109692	PDZK1	0.555083	0.75265	0.774195	-1.29126	0.0974319	0.95926	-1.35926	0.769428	1.23018	1.23018	0.78088	1.26938	1.26938	0.195288	0.329938	-3.03088	0.923815	1.08161	1.08161	0.380781	0.480985	-2.07203	0.898865	0.490686	-2.01213	0.830714	0.840877	-1.18923	0.915582	0.50167	0.32547	1
cg06448242	ADARB2	0.555107	0.461811	0.818004	1.03843	1.03843	0.564691	0.63967	0.78034	0.946126	0.861355	0.146815	0.744818	0.820472	0.462111	0.432644	1.25365	0.624568	1.00336	1.00336	0.401203	0.527216	-1.89676	0.978784	1.0437	1.0437	0.558201	0.959174	-1.04994	0.902618	0.137804	0.135758	0.134812	1
cg21516216	GAS7	0.555125	0.120968	1.41915	1.41915	0.790558	0.946095	-1.05698	0.920526	0.979439	-1.02099	0.176561	1.3486	1.3486	0.682596	0.91797	-1.08936	0.804903	1.01558	1.01558	0.184021	1.34095	1.34095	0.740431	0.933132	-1.07166	0.374799	1.20881	1.20881	0.915432	0.628305	0.610087	1
cg24609040	ZNF608	0.555127	0.90241	0.954005	-1.04777	0.560565	1.25093	1.25093	0.250911	0.844396	-1.18403	0.213073	1.32753	1.32753	0.882179	0.95834	-1.04351	0.562636	0.800383	1.2496	0.0285722	1.41099	0.708727	1.41099	0.914429	0.908301	1.10038	1.10038	1.04351	0.915581	0.647704	0.628787	0.628787	1
cg20807701	THAP5;DNAJB9;THAP5;THAP5	0.555141	0.810486	1.03843	1.03843	0.564691	0.63967	0.78034	0.946126	0.861355	0.146815	0.744818	0.820472	0.462111	0.432644	1.25365	1.25365	0.624568	1.00336	1.00336	0.401203	0.527216	-1.89676	0.978784	1.0437	1.0437	0.558201	0.959174	-1.04994	0.902618	0.137804	0.135758	0.134812	1
cg26235847	PLA2G16;PLA2G16	0.555155	0.97132	1.03694	1.03694	0.276844	1.13091	1.13091	0.730168	1.41819	1.41819	0.516088	0.514561	-1.94341	0.156002	0.216199	-4.62537	0.722626	1.43282	1.43282	0.336712	2.717	2.717	0.323954	2.79539	2.79539	7	7	0.903753	12.9558	14.3355	1
cg02548850	HIPK3;HIPK3	0.555157	0.447472	1.45338	1.45338	0.952107	1.13442	1.13442	0.716332	0.653883	1.80414	-1.24356	0.188613	1.95938	0.973525	0.580151	1.14805	0.220421	1.86295	1.86295	0.145109	0.355403	2.81355	0.151143	1.38015	1.38015	0.939644	1.03725	1.03725	0.915749	0.96761	0.96761	1.03883	1
cg01417660	FKBP18;FKBP18	0.555158	0.998097	1.00104	1.00104	0.0474024	2.69617	2.69617	0.326372	1.55751	1.55751	0.667419	-1.15285	0.875863	1.07075	0.890612	0.941603	-1.06202	0.980452	1.01077	1.01077	0.915378	2.77213	2.69191	1			1
cg00049042	GDNF	0.555159	0.940063	0.701685	-1.42512	0.0254319	0.908958	-1.10098	0.591521	0.885922	-1.12876	0.418453	1.20293	1.20293	0.531438	0.867918	-1.15208	0.678731	1.09755	1.09755	0.629125	0.896954	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 047)	p-value(105T vs. N)	Fold-Change(105T vs. 057)	p-value(111T vs. N)	Fold-Change(111T vs. 117)	p-value(127 vs. N)	Fold-Change(127 vs. 127)	p-value(121T vs. N)	Fold-Change(121T vs. 21T)	p-value(347T vs. N)	p-value(347 vs. 47T)	Fold-Change(3 vs. 47T)	p-value(353T vs. N)	p-value(353T vs. 53T)	Fold-Change(5 vs. 53T)	p-value(537T vs. N)	Fold-Change(5 vs. 37T)	p-value(5 vs. N)	Fold-Change(5 vs. 63T)	F(Test)	S5(Test)	S5(Error)	F(Error)
ap04945668	f2	0.555808	0.931862	1.02302	0.763468	1.15767	1.11767	0.175269	0.587831	-1.70117	0.237777	1.49391	1.49391	0.316916	0.628938	-1.46426	0.680837	0.358606	-1.16668	0.874191	0.643267	-1.00215	0.121521	0.538621	-1.85659	0.575884	0.811949	-1.23136	0.194315	1.96734	1.91263	1
229623159	NUP62;NUP62;IL4I1;ATF5;NUP62;NUP6	0.55582	0.809077	1.04151	1.03455	0.464785	0.861722	-1.16047	0.794463	0.949114	-1.05361	0.227441	1.28847	1.28847	0.202415	0.763082	-1.30893	0.813955	0.953444	-1.04883	0.513134	0.875755	-1.14187	0.29578	1.24219	1.24219	0.288433	1.24664	1.24664	0.914295	0.97427	0.563326	1
ap14138194	BCAS3;BCAS3	0.55828	0.459768	0.778354	-1.28476	0.579072	0.829814	-1.20509	0.457385	0.77728	-1.28654	0.179238	0.6219	-1.60797	0.77765	0.900355	-1.09883	0.40343	0.752282	-1.32929	0.793184	0.916242	-1.09141	0.867819	0.946056	-1.05702	0.0460088	0.453761	-1.22038	0.914294	1.60492	1.56033	1
ap03474450	PPP1R18;A	0.555821	0.890403	1.09374	1.09374	0.0948116	3.29768	0.609268	0.83625	3.7735	0.849025	0.883503	-1.13186	0.975303	0.9808081	-1.02032	0.847939	0.882705	-1.13288	0.760219	1.22012	1.22012	0.940413	0.952573	-1.04979	0.941951	0.953771	-1.04847	0.912564	0.92495	0.611661	0.594666	1
ap09574363	SPINK7	0.555823	0.301555	0.318838	-3.13639	0.346536	0.438308	-2.2815	0.336452	0.430283	2.32405	0.208924	1.3239982	-3.08659	0.508826	0.5653362	-1.76878	0.367474	0.454875	-2.1984	0.0963515	0.211493	-4.72829	0.717487	1.36231	1.36231	0.385918	0.469384	-2.12045	0.914329	0.48443	0.10193	1
ap18209895	ZFP41 FAM149B1;ECD;ECD;ECD;ECD;FAM149	0.555828	0.716021	0.766014	-1.30546	0.419128	1.82632	1.82632	0.200337	2.68301	2.68301	0.25101	2.39902	2.39902	?	?	?	0.683543	1.34853	1.34853	?	?	?	0.282486	0.442721	-2.25876	0.622025	1.43698	1.43698	0.887861	5.82187	7.49392	1
ap04381006	B1	0.555828	0.362022	1.3886	1.3886	0.371239	0.724914	-1.37947	0.913079	1.039	0.408118	1.34511	1.34511	0.480333	1.2858	1.2858	0.370938	1.37977	1.0729	0.719538	0.621934	-1.60789	0.727124	1.13061	1.13061	0.221123	1.56938	1.56938	0.941281	1.77782	1.72845	1
ap12282391	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.555829	0.747643	0.945458	-1.05769	0.113683	1.34854	1.34854	0.668899	1.07761	1.07761	0.307655	0.832178	-1.20167	0.892252	1.02383	1.02383	0.709771	1.0671	1.0671	0.560012	1.29798	1.29798	0.330114	1.19077	1.19077	0.749076	1.05734	1.05734	0.934128	0.437076	0.434938	1
ap21745586	LOH12CR1	0.555831	0.569422	0.64999	-1.53848	0.239392	0.397284	-2.51709	0.0825773	0.236796	-4.22305	0.403523	0.52704	-1.89739	0.745563	1.27629	1.27629	0.296598	0.444484	-2.2498	0.543688	0.630955	-1.5849	0.662299	1.38995	1.38995	0.628364	1.44116	1.44116	0.914277	8.12887	7.90314	1
ap13335769	VPS52;RP5I8 TMEM189; UBE2V1;TMEM189;TMEM189;TMEM18	0.555833	0.299058	0.879157	-1.13745	0.519607	1.10824	1.08124	0.230176	0.860156	-1.16258	0.926893	1.01104	1.01104	0.839364	0.976005	-1.02458	0.952032	0.992827	-1.00722	0.0845342	1.25648	1.26548	0.963398	0.995411	-1.00461	0.755764	0.963352	-1.03804	0.914274	2.207337	0.20158	1
ap15623216	9 FAM122B;FAM122B;FAM122B;FAM122	0.555854	0.848024	0.950821	-1.05168	0.742566	1.09042	1.09042	0.767331	1.08104	1.08104	0.196354	0.698523	-1.43159	0.94448	1.01846	1.01846	0.249336	0.72891	-1.37191	0.0681883	0.584885	-1.70974	0.855819	1.04893	1.04893	0.917659	1.02753	1.02753	0.914239	0.998702	0.97101	1
ap22913932	B;FAM122B;FAM122C;FAM122B	0.555854	0.3232	0.339169	-2.94838	0.214355	0.250267	-3.99573	0.730887	0.693601	-1.44175	0.196173	4.25582	4.25582	0.879861	0.851914	-1.17383	0.209548	0.246244	-4.06101	0.634863	1.6602	1.6602	0.646782	1.63053	1.63053	0.721833	1.46053	1.46053	0.914238	16.2585	15.8077	1
ap26898136	TEKT3	0.555857	0.285605	0.674697	-1.48215	0.2022	0.620776	-1.61244	0.525268	0.795809	-1.25658	0.415302	1.7444216	-1.3437	0.243158	0.648455	-1.54213	0.469538	1.29831	1.29831	0.19258	0.613052	-1.63118	0.52119	1.25949	1.25949	0.828721	0.926009	-1.0799	0.914234	1.82276	1.77223	1
ap03338209	CARD10	0.55586	0.750995	0.726352	-1.37674	0.0544608	0.111621	-8.9589	0.178278	0.237788	-4.20542	0.991936	0.9899021	-1.0102	0.995417	0.9942249	-1.00578	0.534751	0.531865	-1.88018	0.425555	0.440865	-2.26827	0.987129	0.98393	-1.01633	0.589715	1.72761	0.91423	0.914236	14.0836	14.1988	1
ap06078467	STK32C	0.555871	0.271449	0.68725	2.03725	0.0459776	2.55982	2.55982	0.172762	2.54109	0.407569	1.456016	1.456016	0.787818	0.879727	-1.13672	0.500503	1.18241	1.18241	1.18241	0.177111	0.278173	1.70575	1.70575	0.0883875	2.43748	2.43748	0.577879	1.30501	1.30501	0.935175	0.962211	-1.03927	0.914193	2.56489	3.15702	1
ap09262100	CDC42BPB	0.555885	0.909196	0.926565	-1.07925	0.237073	2.28892	2.28892	0.0569417	4.2214	4.2214	0.3990355	1.78096	1.78096	0.798099	0.842515	-1.18692	0.698684	0.771024	-1.29698	0.641978	0.731241	-1.36753	0.72243	1.26926	1.26926	0.569665	1.46832	1.46832	0.914188	6.47044	6.29138	1
ap16538447	ZNF749	0.555891	0.160348	0.588313	-1.69984	0.363103	1.96805	1.96805	0.0182865	10.59987	-1.9545	0.695344	0.8894851	-1.11932	0.667657	0.8830318	-1.13248	0.1598	0.1598	0.1598	0.0439	0.0439	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	0.1598	1
ap08478691	COQ9;CIAPIN1	0.555906	0.904522	0.979829	-1.02059	0.0650001	0.703382	-1.4217	0.215161	0.801271	-1.24802	0.221203	0.804661	-1.24276	0.64157	0.923477	-1.08286	0.984994	0.996811	-1.0032	0.544638	0.901116	-1.10973	0.458141	0.879597	-1.13688	0.627837	1.08649	1.08649	0.914153	0.417496	0.405957	1
ap09025557	RGMA;RGMA	0.555907	0.463607	0.709423	-1.40893	0.137755	0.817839	-1.22273	0.725861	1.04458	1.04458	0.613482	1.04458	1.04458	0.784138	-1.0026	0.697042	0.915968	-1.05046	0.668963	1.05561	1.05561	0.146253	0.821827	-1.2168	0.197597	0.827874	-1.20791	0.849956	1.02411	1.02411	0.914152	0.229182	0.222848	1
ap11031889	NGRN;NGRN	0.555909	0.07008893	0.686627	-1.45639	0.0899663	0.197984	-5.06977	0.100234	0.674287	1.08164	1.08164	0.852276	0.965984	-1.03251	0.401701	0.964775	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	0.316455	1
ap22385719	ZNF695	0.555912	0.362781	1.17165	1.17165	0.353341	0.850668	-1.17555	0.400841	1.15678	1.15678	0.650829	0.925793	-1.08022	0.621616	0.919105	-1.08791	0.398535	1.15764	1.15764	0.120703	0.751994	-1.3298	0.505921	0.891983	-1.1211	0.829009	1.03731	1.03731	0.914145	0.415262	0.403789	1
ap09436860	TCHP;TCHP	0.555917	0.570857	0.751135	-1.33097	0.0834204	0.189796	-5.26649	0.482203	1.03762	1.03762	0.297354	1.03762	1.03762	0.914631	-1.0026	0.697042	0.915968	-1.05046	0.579974	0.868865	1.15161	1.15161	0.146253	0.821827	-1.2168	0.197597	0.827874	-1.20791	0.849956	1.02411	1.02411	0.914152	0.229182	0.222848	1
ap07298858	GNPDA1	0.555924	0.633113	1.12612	1.12612	0.878361	0.962881	-1.03855	0.792704	0.937022	-1.06721	0.78663	1.06931	1.06931	0.294224	0.732633	-1.36494	0.805209	1.06292	1.06292	0.696381	1.10169	1.10169	0.584008	1.69549	1.69549	0.597808	1.87679	1.87679	1.14052	0.914125	0.883098	0.858718	1
ap07745351	SLC19A1	0.555933	0.842702	0.840302	-1.19005	0.39309	0.83309	-1.20009	0.635489	0.834589	-1.19802	0.890069	0.898296	-1.11322	0.839289	0.915314	-1.09237	0.773731	0.77731	0.77731	0.07731	0.85854	1.16492	0.93261	1.07243	1.07243	0.85737	1.17411	0.838734	1.48262	1.48262	0.914095	0.844745	0.837939	0.844795	1
ap23875677	SBF2	0.555934	0.1879	0.565852	-1.76725	0.538287	1.28951	1.28951	0.460782	0.736086	-1.35854	0.209997	0.583282	-1.71444	0.401387	0.704352	1.41974	0.525902	0.769309	-1.29987	0.807257	1.10488	1.10488	0.290413	1.56474	1.56474	0.406268	0.707025	1.41438	0.914108	2.41064	2.34414	1
ap03442213	TMEM175	0.555946	0.793572	0.851391	-1.17455	0.0700688	3.46414	3.46414	0.396737	1.703	0.894703	1.12172	0.836856	-1.19495	0.526314	0.674428	-1.48274	0.517492	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	0.65972	1
ap11488740	MOAP1;C14orf109;C14orf109	0.555957	0.209062	0.488411	-2.04841	0.163104	0.948605	-1.05497	0.695344	0.889483	-1.11932	0.66567	0.883018	-1.13248	0.755994	0.9109	1.09781	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	0.154007	1
ap01033600	LRRC8E	0.55596	0.654921	1.22224	1.22224	0.106335	2.19622	2.19622	0.103751	2.21152	2.21152	0.430291	1.4321	1.4321	0.929291	1.04039	1.04039	0.47639	1.38132	1.38132	0.659089	1.21904	1.21904	0.859482	0.923991	-1.08226	0.470624	0.72078	-1.38739	0.914065	2.88118	2.80182	1
ap19738370	JARID2	0.555958	0.350473	0.398403	-2.51001	0.284373	0.624973	-1.60035	0.316604	0.510864	-1.95837	0.242527	0.536757	-1.86299	0.0995737	0.6273185	1.59403	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	1
ap04236736	RUFY3;RUFY3	0.555981	0.878821	0.926497	-1.08144	0.141974	0.444787	-2.24827	0.616178	0.771558	-1.29608	0.585705	0.753948	-1.32635	0.115829	0.415997	2.40386	0.109166	0.408042	-2.45073	0.43539	0.664739	-1.50435	0.898375	1.00776	1.00776	0.889938	0.931417	0.37363	1.16376	1.16376	0.914148	0.499025	0.485236	1
ap20112500	HCG22 FAM127B;FAM127B;FAM127B;FAM127	0.555983	0.201488	0.404766	-2.47056	0.0516922	0.226551	-4.41402	0.913545	0.929769	-1.07554	0.440429	0.59006	-1.69474	0.741462	0.809922	-1.24856	0.727193	0.790699	-1.2647	0.454915	0.60029	-1.66586	0.195825	0.399626	-2.50234	0.556084	0.670842	-1.49066	0.914029	6.50834	6.32933	1
ap07771637	B	0.555983	0.116937	0.204254	-4.89586	0.961378	1.0462	1.0462	0.948719	1.06182	1.06182	0.1194	4.83559	4.83559	0.943924	1.44422	1.44422	0.414589	0.459435	-2.17659	0.834869	0.8231093	-1.21492	0.601891	1.63374	1.63374	0.883736	1.46121	1.46121	0.914028	12.5905	12.2442	1
ap18185507	RBP9;RBP9;PARP3;PARP3	0.555995	0.190603	0.403001	-2.48111	0.427256	1.11895	1.11895	0.180787	1.63556	1.63556	0.608646	0.931121	-1.07377	0.0931222	1.07377	1.07377	0.0297141	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	0.1011	1
ap07763179	THSD1P	0.556003	0.912896	1.03031	1.03031	0.313166	1.32933	1.32933	0.15714	1.51115	1.51115	0.525487	0.838984	-1.19192	0.499454	1.20572	1.20572	0.765297	0.921551	-1.08513	0.200126	0.691202	-1.44676	0.430067	0.802685	-1.24582	0.739055	0.912813	-1.09551	0.913995	1.07791	1.04831	1
ap03992230	HNRNPH1	0.556008	0.918435	0.978122	-1.02237	0.797666	1.05705	1.05705	0.70247	0.92046	-1.08641	0.753091	1.07052	1.07052	0.275229	0.752979	-1.32806	0.98405	1.00433	1.00433	0.547671	1.14041	1.14041	0.277421	1.27625	1.27625	0.0865139	1.50515	1.50515	0.913988	0.675055	0.656517	1
ap27625886	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.556024	1.10971	1.1097	1.1097	0.0154375	1.1949	1.1949	0.12765	1.1949	1.1949	0.12765	1.27166	1.27166	0.0133827	1.1949	1.1949	0.12765	1.27166	1.27166	0.0133827	1.1949	1.1949	0.12765	1.27166	1.27166	0.0133827	1.1949	1.1949	0.12765	1.27166	1.27166	0.0133827	1.1949	1.1949	0.12765	1.27166	1.27166	1
ap09232499	NSUN5;NSUN5;NSUN5;NSUN5	0.556025	?	?	?	0.629255	1.5624	1.5624	0.233016	0.315333	-3.17125	0.108173	0.196378	-5.09221	0.985413	0.98339	-1.01689	0.333433	0.399147	-2.50534	0.480087	1.93353	1.93353	0.597811	0.613578	-1.62978	0.865234	0.855857	-1.16842	0.910257	0.51307	0.1228	1
ap16652598	RADIL	0.556029	0.28262	0.625933	-1.59702	0.613526	1.22986	1.22986	0.158384	2.56037	0.43477	0.994083	0.996092	-1.00392	0.0700245	0.431914	-2.27718	0.277526	0.632052	-1.58215	0.898399	0.946427	-1.05727	0.701851	1.16491	1.16491	0.748393	1.75128	1.75128	1.33105	0.913953	2.38904	2.32352	1
ap01717150	KCNK9	0.556037	0.957272	0.990021	-1.01008	0.298263	1.22364	1.22364	0.936876	0.9857	-1.01451	0.226088	0.788252	-1.26863	0.926715	1.01737	1.01737	0.30204	0.818613	-1.22158	0.884501	0.973158	-1.02758	0.943405	1.01338	1.01338	0.111919	1.3827	1.3827	0.913939	0.507187	0.493286	1
ap01709792	PRPF40B	0.556046	0.386944	0.885833	-1.13454	0.882407	0.93109	0.93109	0.0167585	1.02082	1.02082	0.688624	0.945496	-1.10768	0.687392	1.05793	1.05793	0.371075	1.05793	1.05793	0.371075	1.13639	1.13639	0.818308	0.969608	-1.03134	0.0842889	0.774021	-1.29195	0.638925	1.06544	1.06544	0.813481	1.03221	1.03221	0.913922	0.260397	0.253265	1
ap05262932	RPL38;RPL38	0.556055	0.973724	1.03089	1.03089	0.994985	1.23685	1.23685	0.747671	1.03873	1.03873	0.284341	1.1399	1.1399	0.414209	0.906405	-1.10326	0.866645	0.98408	-1.01998	0.138881	1.20629	1.20629	0.7445	1.03925	1.03925	0.709051	1.04512	1.04512	0.91391	0.200628	0.195135	1
ap05225909	PPM1A;PPM1A;PPM1A;PPM1A;PPM1A	0.556063	0.55833	0.678662	-1.47349	0.0546128	4.16933	4.16933	0.886827	1.09774	1.09774	?	?	?	0.62829	0.726532	-1.3764	0.819191	0.860762	-1.16176	0.457182	1.64186	1.64186	0.993229	0.994459	-1.00557	0.501064	1.56393	1.56393	0.902238	5.44603	6.03713	1
ap11650039	BMX;BMX	0.556068	0.395408	1.51956	1.51956	0.265057	1.44373	1.44373	0.84263	1.0553	1.0553	0.389286	1.32172	1.32172	0.299808	0.717971	-1.40455	0.506514	1.12749	1.12749	0.0990543	1.77491	1.77491	0.915179	1.21963	1.21963	0.799769	0.922787	-1.08367	0.918869	1.44674	1.4072	1
ap11957510	EPB41L4A	0.556514	0.805614	0.914915	-1.17734	0.0742225	0.516394	1.9443	0.0179	0.5668	-1.30977	0.988669	0.995564	-1.00446	0.304916	1.20629	1.20629	0.982659	1.00683	1.00683	0.372739	0.750868	-1.33179	0.369837	0.6979833	-1.43301	0.144945	0.612527	-1.63282	0.913863	1.48899	1.38021	1
ap01451880	SLC6A20;SLC6A20 OSBPL3;OSBPL3;OSBPL3;OSBPL3;OSBPL	0.556109	0.688922	1.14364	1.14364	0.0587711	2.03806	2.03806	0.664881	0.864703	-1.15647	0.786909	1.09458	1.09458	0.566835	0.824408	-1.21299	0.531551	1.23538	1.23538	0.248569	1.49525	1.49525	0.625705	0.848773	-1.17817	0.865203	0.944907	-1.05831	0.913823	1.6101	1.56617	1
ap19843429	1;OSBPL3;OSBPL3;OSBPL3	0.556112	0.729464	1.07294	1.07294	0.227261	1.29313	1.29313	0.504195	1.14734	1.14734	0.711723	0.927489	-1.07818	0.363202	1.20866	1.20866	0.361039	0.826615	-1.20975	0.179648	0.748995	-1.33512	0.937496	0.984221	-1.01603	0.345659	1.2177	1.2177	0.913817	0.595211	0.578974	1
ap03872034	AMOTL1	0.556117	0.68565	0.894855	-1.15715	0.0742225	0.516394	1.9443	0.0179	0.5668	-1.30977	0.988669	0.995564	-1.00446	0.304916	1.20629	1.20629	0.982659	1.00683	1.00683	0.372739	0.750868	-1.33179	0.369837	0.6979833	-1.43301	0.144945	0.612527	-1.63282	0.913863	1.48899	1.38021	1
ap21067540	ZNF114	0.556118	0.493516	2.44478	2.44478	0.127365	8.50208	8.50208	0.0831411	12.181	12.181	0.724841	1.57387	1.57387	0.862926	1.24816	1.24816	0.668034	1.73991	1.73991	?	?	?	0.721079	1.5842	1.5842	0.262404	4.51939	4.51939	0.910096	20.6322	19.8366	1
ap00871979	IMPA2	0.556121	0.535478	0.718273	-1.39223	0.20406	0.493217	-2.0275	0.41938	1.54507	0.341782	1.6762	1.6762	0.197754	0.48778	-2.0501	0.703758	1.23218	1.22318	0.479385	0.46106	0.416225	0.645224	-1.54985	0.865886	0.914723	-1.09323	0.913802	4.02431	3.91459	1
ap25807726	C19orf66	0.556127	?	?	?	0.0678193	1.9207	1.9207	0.353303	0.852537	-1.09259	?	?	?	0.489606	1.34316	1.34316	?	?	?	0.540054	0.682781	-1.4646	0.375491	0.7515	-1.74978	0.5842	0.262404	4.51939	4.51939	0.910096	20.6322	19.8366	1
ap14214685	HMGN2	0.556134	0.962756	1.00932	1.00932	1.24455	1.39161	1.39161	0.458782	1.16168	1.16168	0.944333	0.986223	-1.01397	0.901324	0.975658	-1.02495	0.622689	0.906171	-1.10354	0.742907	1.06757	1.06757	0.354819	1.21274	1.21274	0.0830355	1.46415	1.46415	0.913781	0.571184	0.555625	1
ap24226815	FAM189B;FAM189B	0.556137	0.200363	0.401616	-2.49155	0.865593	0.892456	-1.1205	0.252224	0.24117	2.24117	0.333597	1.211796	-1.0919	0.928252	1.06235	1.06235	0.528513	0.621242	-1.53453	0.297913	0.2714	0.2714	0.330312	0.94556	0.94556	0.773261	0.823641	1.21412	0.913776	0.5928	0.55048	1
ap12297625	PTPRN2;PTPRN2;PTPRN2	0.556143	0.078186	0.682461	-1.46528	0.638198	1.09688	1.09688	0.28445	0.804861	-1.24245	0.606185	1.10686	1.10686	0.872393	1.03188	1.03188	0.43147	0.854912	-1.16971	0.708929	1.07596	1.07596	0.450429	1.16199	1.16199	0.774789	1.05761	1.05761	0.913766	0.551642	0.536624	1
ap27294054	SUV420H2	0.556147	0.482506	1.49878	1.49878	0.806127	1.14959	1.14959	0.840652	1.1209	1.1209	0.660592	1.28467	1.28467	0.132915	0.39886	-2.50714	0.471246	0.660023	-1.5151	0.115112	2.64123	2.64123	0.84144	0.892656	-1.12025	0.870881	0.911904	-1.09661	0.913759	4.65126	4.52466	1
ap06634179	GPR113;GPR113;GPR113	0.556148	0.300363	0.389116	-2.56859	0.237996	0.296538	-2.66638	0.573837	0.648456	-1.54156	0.553649	0.592097	-1.68856	0.553649	0.592097	-1.68856	0.401451	0.440797	-2.12854	0.94102	0.93698	-1.06726	0.341663	0.925104	-1.08153	0.0740951	0.746882	-1.3389	0.913759	1.1392	1.08944	1
ap21023052	CENPA;CENPA	0.556152	0.705773	1.54434	1.54434	0.194825	0.813306	0.813306	0.194058	5.88823	5.88823	0.876074	1.1958	1.1958	0.536348	0.488113	-2.04871	0.243956	0.247385	-4.04228	0.500233	0.456551	-2.19033	0.674785	0.6166	-1.6218	0.955631	1.06583	1.06583	0.913752	19	18.4831	1
ap06674621	SHYH1;SHYH1	0.556156	0.463365	0.713086	-1.40256	0.32824	0.722221	1.04597	-1.0635	0.807057	1.24241	1.24241	1.26641	1.26641	0.201263	1.17244	1.17244	0.702388	0.731201	1.13779	1.13779	1.13779	1.13779	0.691001	1.2928	1.17928	0.0666563	2.11146	2.11146	0.993393	0.995588	1.47987	1.47987	0.913744	0.4622	0.39817	1
ap00163540	B3GALT4	0.556161	0.683715	1.09214	1.09214	0.0428336	1.65138	1.65138	0.810612	1.05302	1.05302	0.979125	0.994387	-1.00564	0.229154	1.31199	1.31199	0.731748	1.07685	1.07685	0.783071	0.942343	-1.06519	0.324585	1.2447	1.2447	0.506068	1.15625	1.15625	0.913737	0.670065	0.651843	1
ap01402230	RPL36A	0.556171	0.880846	0.245917	-4.06641	0.668268	0.725215	-1.3789	0.890387	0.902137	-1.10823	0.516413	1.63287	1.63287	0.328568	1.21028	1.21028	0.205189	0.369279	-2.70798	0.881346	1.11775	1.11775	0.90063	1.09757	1.09757	0.79167	1.21811	1.21811	0.913721	0.83805	0.7819	1
ap02852419	LMF1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.556164	0.717586	1.32824	1.32824	0.87221	1.04597	-1.0635	0.807057	1.24241	1.24241	0.201263	1.17244	1.17244	0.702388	0.731201	1.13779	1.13779	1.13779	0.691001	1.2928	1.17928	0.0666563	2.11146	2.11146	0.993393	0.995588	1.47987	1.47987	0.913744	0.4622	0.39817	1
ap02645408	PRKAR1B;PRKAR1B	0.556185	0.251336	0.366389	-2.72934	0.31621	2.38246	2.38246	0.521025	0.579852	-1.72458	0.367391	2.17216	2.17216	0.417282	0.499333	-2.00267	0.27835	0.257115	2.57115	0.517846	0.577375	-1.73198	0.624727	1.51138	1.51138	0.468252	1.538868	-1.85574	0.913698	10.1568	9

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Probeset ID	UCSC_REFGENE_NAME SNHG3-RCC1;RCC1-SNHG3-	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg05255803	RCC1;RCC1;RCC1;SNHG3-RCC1	0.556503	0.815955	0.828119	-1.20756	0.430099	1.91842	1.91842	0.99937	0.999328	-1.00067	0.988544	0.988453	-1.01168	1.039885	0.276682	-3.61426	0.170201	0.306771	-3.25976	0.187092	0.322671	-3.09013	0.974452	0.974428	-1.02624	0.339255	0.450778	-2.21839	0.913179	0.46373	9.21201	1
cg07809600	HEXIM1;HEXIM1	0.556503	0.476909	0.864642	-1.15655	0.276669	1.2555	1.2555	0.133976	1.37622	1.37622	0.589794	1.11567	1.11567	0.821693	1.04644	1.04644	0.628802	1.10292	1.10292	0.970032	0.992474	-1.00758	0.159534	1.35294	1.35294	0.200847	1.31218	1.31218	0.913178	0.58488	0.569323	1
cg07808087	CFH82;CFH82	0.556509	0.967067	1.00716	1.00716	1.00716	0.30056	1.20376	1.20376	0.574197	1.10312	1.10312	0.522734	1.11849	1.11849	0.115923	1.34360	1.34360	1.34360	0.869327	1.02887	1.02887	0.149389	1.30636	1.30636	0.900706	1.02181	1.02181	0.117622	1.34151	1.34151	0.913168	0.432229	0.420736	1
cg02648101	ATP4A;PL1	0.556512	0.47597	0.881558	-1.13436	0.32344	0.837464	-1.19408	0.889599	0.976133	-1.02445	0.755886	0.55574	1.05574	0.665064	0.92704	-1.0787	0.241449	1.2377	1.2377	0.152929	1.33376	1.33376	0.25124	1.17987	1.17987	0.800278	0.956868	-1.04508	0.913163	0.437487	0.425858	1
cg17821473	USP1;USP1;LSP1	0.556515	0.322945	0.809685	-1.23505	0.888029	1.02956	1.02956	0.27585	1.26414	1.26414	0.277192	1.29161	-1.26325	0.311067	1.24199	1.24199	0.958078	0.989180	-1.01093	0.331174	0.812759	-1.23038	0.314067	1.24021	1.24021	0.699792	1.08342	1.08342	0.913158	0.618353	0.601919	1
cg15462457	PPDPF	0.556523	0.196371	0.620071	-1.61272	0.267329	0.667463	-1.49821	0.472708	0.774514	-1.29113	0.431754	0.755246	-1.32407	0.150981	0.583671	-1.71329	0.761326	0.898906	-1.11246	0.128306	0.562634	-1.77735	0.166568	0.596903	-1.67531	0.681025	0.865367	-1.15558	0.913145	0.44735	1.77007	1.72305	1
cg16797983	TRIM26	0.556535	0.407683	1.25879	1.25879	0.648698	1.05327	1.05327	0.103669	0.647152	-1.55822	0.899594	1.26406	1.26406	0.815822	1.06546	1.06546	0.199744	0.602028	-1.44605	0.745505	0.914639	-1.09333	0.869421	0.956276	-1.04572	0.930682	1.27012	1.27012	0.913139	0.60792	1.03957	1
cg15083933	BMPER	0.556535	0.640067	0.650552	-1.53736	0.603606	1.16316	1.16316	0.150135	1.40898	1.40898	0.408898	0.572862	1.17864	1.17864	0.887121	1.13844	1.13844	0.663887	0.67089	-1.49056	7	7	7	0.117909	4.7316	4.7316	0.298807	2.62725	2.62725	0.501452	0.557063	1.17325	1
cg02637052	LOC140837	0.556541	0.814354	1.10824	1.10824	0.386102	0.678283	-1.47431	0.829413	1.09886	1.09886	0.548104	0.766798	-1.30412	0.959333	0.976146	-1.02444	0.701529	0.845144	-1.18323	0.111302	2.1284	2.1284	0.159213	1.92959	1.92959	0.431284	1.4204	1.4204	0.913116	2.76057	2.68733	1
cg18630805	CEBPZ;Clorf56;C2orf56	0.556542	0.849353	1.03641	1.03641	0.154693	1.24917	1.24917	0.149865	1.19817	1.19817	0.491329	0.876931	1.14006	1.14006	0.307346	1.21961	1.21961	1.21961	0.325747	1.21002	1.21002	0.259963	0.801693	1.13856	1.13856	0.309229	1.21861	1.21861	0.913114	0.551469	0.490826	1
cg01565438	SLFN13	0.556546	0.06143669	4.11773	4.11773	0.925093	1.0652	1.0652	0.592593	1.43733	1.43733	0.883552	0.906094	-1.10364	0.557875	0.671619	-1.48894	0.318318	0.500178	-1.99929	0.970272	0.97528	-1.02535	0.943658	1.24659	1.24659	0.348675	1.91673	1.91673	0.913107	6.52449	6.35144	1
cg09851120	MAP3K13	0.556559	0.085209	0.461565	-2.16654	0.38225	0.649404	-1.43895	0.45938	1.35771	1.35771	0.636807	0.82493	-1.21222	0.237845	0.605226	-1.65228	0.789381	0.890676	-1.11486	0.861088	0.99042	-1.00967	0.497983	1.32233	1.32233	0.444845	0.728839	-1.37206	0.91307	2.58505	2.32188	1
cg21735376	YTHDF2	0.556568	0.772384	1.17152	1.17152	0.867374	1.09551	1.09551	0.165798	0.77076	-1.29742	0.946447	1.0372	1.0372	0.087139	2.84602	2.84602	0.223801	1.20881	1.20881	0.465868	0.666953	-1.49936	0.340246	0.58483	-1.7099	0.828475	1.12572	1.12572	0.913052	4.30775	4.19374	1
cg25559625	EDN1;EDN1	0.556584	0.385705	0.762909	-1.31077	0.232065	0.682904	-1.46433	0.085632	0.56093	-1.78275	0.181270	0.649284	-1.54016	0.445224	0.789135	-1.26721	0.28645	0.714012	-1.40054	0.204393	0.665272	-1.50315	0.510691	0.816253	-1.22511	0.728953	0.899551	-1.11167	0.913046	0.13913	1.3037	1
cg03081173	HCG27	0.556587	0.938821	1.01752	1.01752	0.687933	0.912568	1.09168	1.09168	0.10567	0.53975	1.15082	1.15082	1.15082	0.622026	1.119	1.119	1.1141	0.677785	-1.47539	0.573138	0.879128	-1.13746	0.562618	0.875945	-1.14162	0.279219	1.2899	1.2899	0.238122	0.756082	1.32261	0.913041	0.740391	0.726006	1
cg13149127	C1orf61;MIR9-1	0.556588	0.432289	0.898224	-1.11331	0.271585	0.857884	-1.16566	0.945109	1.00926	1.00926	0.983374	1.00279	1.00279	0.671053	1.05888	1.05888	0.42197	0.895958	-1.11612	0.860714	1.0238	1.0238	0.720702	1.04926	1.04926	0.073566	1.30627	1.30627	0.91304	0.259392	0.252531	1
cg01440071	CNP	0.556591	0.473459	0.567095	-1.76357	0.328821	0.456533	-2.19042	0.192409	0.941765	-2.92602	0.540711	1.619	1.619	0.282558	0.419455	-2.38405	0.752819	0.782086	-1.27865	0.295621	0.430085	-2.32512	0.207324	0.50907	2.50907	0.987384	1.01238	1.01238	0.913034	8.75246	8.521	1
cg07700369	CREB3L1;CREB3L1	0.556595	0.449128	0.813256	-1.22962	0.782318	0.707553	1.07703	0.565507	1.16847	1.16847	0.501583	0.832942	-1.20056	0.542566	0.62571	1.02571	0.526628	0.843109	-1.18609	0.047355	0.544416	-1.83683	0.700589	1.091	1.091	0.701873	1.10858	1.10858	0.913028	1.03862	1.01116	1
cg01807377	NPPB	0.556604	0.0728804	0.136949	-7.30196	0.560444	0.557713	-1.79497	0.586204	0.579148	-1.72667	0.389838	0.416594	-2.40042	0.143322	0.20954	-4.77235	0.202189	0.262346	-3.81176	0.293829	0.338904	-2.95069	0.564364	0.560448	-1.78429	0.44566	0.461835	-2.16527	0.913013	14.2789	13.9016	1
cg13386206	NIPAL4	0.556605	0.839657	0.884445	-1.13066	0.342828	0.719429	-1.38959	0.685119	0.857036	1.1655	1.1655	0.210676	2.22428	2.22428	0.748764	0.203928	2.12961	2.12961	0.454624	0.630246	-1.58668	0.49155	0.654977	-1.52724	0.318385	0.575323	1.40928	1.40928	0.913011	5.31248	5.17212	1
cg19620294	TNFRSF11B	0.55662	0.227422	0.515513	-1.93981	0.570077	0.740715	-1.35005	0.812768	0.883331	-1.1321	0.474859	1.4623	1.4623	0.40104	0.637962	-1.56749	0.187522	0.481715	-2.07592	0.143061	0.439103	-2.27737	0.407919	0.643477	-1.55406	0.621695	1.29705	1.29705	0.912986	3.95387	3.84952	1
cg09226986	SLC22A3	0.556626	0.357703	0.57461	-1.74091	0.560748	0.712347	-1.40381	0.960421	1.04854	1.04854	0.495955	1.49831	1.49831	0.776511	0.864442	-1.18142	0.242402	0.488449	-2.0473

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 221 vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 477 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg13449377	DLX6AS	0.557444	0.269622	1.80954	0.816954	1.45914	0.14094	1.45204	0.526322	0.7050706	-1.41829	0.491252	1.46305	0.334167	1.71968	1.71968	0.202397	0.480694	-2.08033	0.633455	0.760909	-1.25885	0.244389	1.94029	0.900516	0.934839	-1.16097	0.911641	4.27719	4.17045	1
cg21135682	ZNF410	0.557448	0.30618	1.33703	1.33703	1.384987	1.27658	1.27658	0.195151	1.45594	1.445594	0.889616	1.0388	1.0388	1.654061	1.49935	1.49935	1.49935	0.495287	0.827099	-1.20904	0.753093	1.28348	1.28348	0.67118	0.880524	-1.1242	0.731634	0.883153	-1.18602	0.911634	1.08515	1.05808	1
cg15962031	SMYD3;SMYD3	0.557448	0.620035	1.20491	1.20491	1.708435	1.15039	1.15039	0.731668	0.879521	-1.13698	0.277092	1.52439	1.52439	0.816146	1.09075	1.09075	1.09075	0.813555	1.09211	1.09211	1.660209	1.17939	1.17939	0.06262	2.18458	2.18458	0.131097	1.83691	1.83691	0.911634	2.00836	1.95825	1
cg26626185	FAZH	0.557465	0.383222	1.39182	1.39182	1.8897	1.04988	-1.05264	0.554841	0.801837	-1.24714	0.1034582	1.57665	1.57665	-1.93181	0.569781	1.23663	1.23663	1.23663	1.23663	0.581565	1.228515	1.228515	0.234855	0.631044	-1.58468	0.512034	1.27874	0.921151	1.037297	0.911607	1.973757	1.92456	1
cg24536689	NHS;NHS	0.557484	0.260016	0.280905	-3.55992	0.927974	0.906914	-1.10264	0.938656	0.920185	-1.08674	0.188466	0.40826	0.50825	0.50825	0.407341	0.38068	0.38068	0.161287	0.198543	-5.03668	0.700339	0.65841	-1.51881	0.843161	1.23872	1.23872	0.851996	1.223666	1.223666	0.911576	1.86617	1.66421	1
cg22215340	ACSS1;ACSS1	0.557493	0.946665	1.01013	1.01013	1.154092	0.794678	-1.25837	0.86475	1.02601	1.02601	0.571778	0.917533	1.02601	1.045111	1.045111	0.288608	0.847103	-1.18049	0.515745	1.10436	1.10436	0.94706	1.15701	1.15701	0.23085	1.20843	1.20843	0.911556	0.327552	0.319405	1
cg18186343	MIR770;MEG3;MEG3;MEG3	0.557499	?	?	?	1.15759	2.35233	2.35233	0.903568	0.931691	-1.07102	0.80704	0.870645	-1.14857	0.421665	1.59146	1.59146	1.59146	0.510943	1.45854	1.45854	0.0834218	2.95868	2.95868	0.9634	0.974359	-1.02632	0.854857	0.901537	-1.10922	0.899846	4.05926	4.51105	1
cg18273377	WWC2	0.557503	0.51156	0.601505	-1.6625	0.998086	0.99817	-1.00183	0.307602	0.446494	-2.23972	0.250399	0.399711	-2.50281	0.087983	0.237244	-4.21507	0.237244	0.431155	0.541462	-1.84685	0.136547	0.293863	-3.4029	0.974963	0.976324	-1.02425	0.357256	0.485352	-2.06098	0.911544	8.41576	8.2096	1
cg09043214	TNFRSF1A	0.557507	0.54336	1.28131	1.28131	0.520394	1.30022	1.30022	0.104289	0.748923	-2.04531	0.884956	1.06029	1.06029	0.357805	0.632316	1.64232	1.64232	0.889539	1.10759	1.10759	0.625696	1.21908	1.21908	0.296143	1.54731	1.54731	0.410885	0.712591	-1.40333	0.911538	2.34415	2.28591	1
cg06956006	ACLY;ACLY	0.557517	0.248821	0.750615	-1.33224	0.721092	0.918229	-1.08905	0.785558	1.06705	1.06705	0.890771	0.96783	-1.03324	0.754132	1.07763	1.07763	1.07763	0.1384	1.46175	1.46175	0.669335	0.902817	-1.10764	0.939511	1.01822	1.01822	1.13825	0.683995	-1.462	0.911522	0.817573	0.797272	1
cg17353283	LOC101929311;GPR113;GPR113	0.557529	0.346953	0.802106	-1.24619	0.675953	0.7933	-1.26093	0.354964	1.33681	-1.05373	0.793552	0.934647	-1.07072	0.913198	0.913198	0.863796	1.157383	0.863796	-1.16272	0.940541	1.06232	0.928385	1.07704	0.962585	1.03794	0.961	-1.02202	0.911518	0.721801	0.703882	1
cg08835099	PCDHA2;PCDHA1;PCDHA1;PCDHA3;PC	0.557552	DHX4	0.453123	1.78879	1.78879	0.646149	0.713473	-1.40159	0.532997	1.58589	0.659167	1.38287	1.38287	0.249487	0.41554	2.40651	2.40651	0.107273	3.61051	3.61051	0.702698	1.32231	1.32231	0.289425	2.23236	2.23236	0.452321	1.74923	1.74923	0.911557	7.69965	7.50851	1
cg09800235	POLE	0.557524	0.501676	0.649639	-1.53932	0.9398435	3.20722	3.20722	0.169048	2.52652	2.52652	0.65754	0.754108	-1.32607	0.932608	0.947974	-1.05488	0.61732	0.727133	-1.37526	0.506222	1.53209	1.53209	0.958077	0.967295	-1.03381	0.666475	0.760121	-1.31558	0.911511	5.7763	5.63294	1
cg10403518	SLC9A4	0.557526	0.752143	0.93824	-1.06583	0.415028	1.18251	1.18251	0.174562	0.748731	-1.3372	0.285307	0.799875	-1.2502	0.209187	0.766175	-1.30518	0.547373	1.13034	1.13034	0.378532	2.10067	2.10067	0.811067	0.952956	-1.04937	0.690033	0.922506	-1.084	0.911507	0.584469	0.569966	1
cg04706867	CNTNAP2	0.557546	0.761592	0.962611	-1.03884	0.8340023	0.787153	-1.27047	0.838941	0.974983	-1.02566	0.595728	0.935156	-1.06934	0.915563	1.13245	1.13245	1.13245	0.940618	1.064251	1.064251	0.319563	1.13245	1.13245	0.0755	1.88605	1.88605	0.884078	0.978401	-1.02208	0.911475	0.226297	0.220589	1
cg23238677	LRP2	0.557548	0.962327	1.03454	1.03454	0.244124	0.416455	-2.40122	0.05943	0.216635	-4.61605	0.883231	0.899741	-1.11143	0.579384	0.668659	-1.49553	0.814907	0.844867	-1.18362	0.738203	1.27269	1.27269	0.972705	1.0249	1.0249	0.35812	1.97253	1.97253	0.911471	7.45967	7.27486	1
cg00113359	KIF3C;KIF3C	0.557555	0.304365	1.2603	1.2603	0.371663	1.12068	1.12068	0.104412	1.47093	1.47093	0.615567	0.894657	-1.11777	0.23891	1.30753	1.30753	1.30753	0.647589	1.10523	1.10523	0.481347	1.24345	1.24345	0.207092	1.3289	1.3289	0.373266	1.21982	1.21982	0.911461	0.682237	0.665342	1
cg24204262	GYLTL1B	0.557575	0.706369	0.771871	-1.29555	0.093545	3.50266	3.50266	0.724268	1.38507	2.39507	0.683219	1.30405	1.30405	0.314757	0.607033	-1.64736	0.926757	0.939033	-1.06493	0.388841	1.8298	1.8298	0.250533	2.22457	2.22457	0.704782	1.29748	1.29748	0.911425	6.7567	6.58963	1
cg19197139	ARRB2;ARRB2	0.557578	0.741828	1.11846	1.11846	0.511126	1.2532	1.2532	0.151676	0.594415	-1.68232	0.463808	0.776843	-1.28726	0.750553	0.897618	-1.11406	0.274679	0.680524	-1.46946	0.956386	1.01869	1.01869	0.208923	1.56606	1.56606	0.559364	1.22131	1.22131	0.911423	1.65545	1.61452	1
cg21472315	NPR1	0.557583	0.214329	0.83455	-1.20707	0.4499371	1.26947	1.26947	0.163618	0.946793	0.80497	-1.2488	0.885721	0.97952	-1.02108	0.994514	0.802009	1.1377	0.962459	-1.11398	0.919644	1.21255	1.21255	0.841967	-1.1877	0.461189	0.897679	1.11398	0.919644	1.16753	1.16753	0.911414	0.298852	0.291466	1
cg07052231	PEX5;PEX5;PEX5;PEX5;PEX5	0.557593	0.342692	1.47419	1.47419	0.42451	0.733293	-1.38237	0.374678	0.877861	-1.13913	0.991153	0.995608	-1.00441	0.430493	1.37619	1.37619	1.37619	0.789062	1.11233	1.11233	0.08821	2.11042	2.11042	0.857881	0.93131	-1.07376	0.320566	0.665337	1.503	0.911398	2.27511	2.21892	1
cg06622468	TYK2	0.557594	0.938271	1.08137	1.08137	0.120912	0.306184	2.29394	0.188418	0.824602	1.08818	0.324435	0.98972	1.01039	0.240143	1.04995	1.04995	1.04995	0.942023	1.06482	1.06482	0.377485	0.830583	1.05201	1.05201	0.605958	1.01398	1.01398	0.853993	1.15406	1.15406	0.453754	1.20397	1.03397	0.911397	0.853993	0.832903	1
cg04877195	ACE	0.557597	0.719817	0.905966	-1.10379	0.317266	1.32768	1.32768	0.170323	1.49237	1.49237	0.914277	1.02996	1.02996	0.492728	0.826129	-1.21046	0.663664	0.886956	-1.12745	0.2944	0.742187	-1.34737	0.473253	1.22139	1.22139	0.255496	1.38467	1.38467	0.911392	1.08498	1.05819	1
cg16616259	MKL1	0.557618	0.581878	0.734895	-1.36074	0.828224	0.886605	-1.1279	0.669941	0.788617	-1.26804	0.60342	0.962362	-1.03751	0.962362	0.962362	-1.03751	0.924471	0.948835	-1.05192	0.277361	1.86958	1.86958	0.507563	1.3323	1.3323	0.162754	2.2826	2.2826	0.911358	4.42789	4.31872	1
cg19546232	GABRB1	0.557624	0.793917	1.04026	1.04026	0.195921	0.911482	-1.09671	0.727464	0.871474	-1.14731	0.752269	0.962362	-1.03751	0.674528	0.90538	-1.10458	0.940458	0.916644	-1.09126	0.22958	2.02616	2.02616	0.202166	1.97325	1.97325	0.516021	1.39141	1.39141	0.669591	1.2391	1.23991	0.911375	3.57024	3.02421	1
cg02047225	HDAC4	0.557628	0.460342	0.648393	-1.54228	0.909602	1.06766	1.06766	0.954653	1.03332	1.03332	0.711147	1.23912	1.23912	0.047839	0.271526	-3.68289	0.450243	0.641823	-1.55806	0.71748	0.811035	-1.23299	0.702304	0.801433	-1.24777	0.202801	0.460708	-2.17057	0.911341	4.79541	4.67728	1
cg02029245	DCX;DCX;DCX;DCX;DCX	0.557629	0.170459	0.737655	1.35603	0.527048	0.09321	-1.6859	0.072408	0.724903	-1.3795	0.247966	0.504665	-1.98151	0.547896	0.708724	-1.41099	0.155113	0.422546	-2.36661	0.481347	0.4715	2.1482	0.317899	0.708295	1.41182	0.501114	1.99596	0.982368	0.987355	-1.0128	0.911314	4.46717	4.51318	1
cg15441731	ACOT2	0.557633	0.848594	0.96535	-1.03589	0.581074	0.902176	-1.10831	0.522781	0.887359	-1.12694	0.477491	1.14255	1.14255	0.201788	0.779817	-1.28235	0.105801	0.712186	-1.38538	0.667555	0.923323	-1.08404	0.662625	0.08437	0.18437	0.173858	1.78568	1.78568	0.911332	0.491362	0.479261	1
cg12046131	DHDH	0.557642	0.384481	0.860149	-1.16259	0.60983	0.916718	-1.09085	0.481632	0.886176	-1.12844	0.561188	1.10436	1.10436	0.059978	0.698735	-1.43116	0.855919	1.03118	1.03118	0.200592	0.795807	-1.25659	0.674373	0.931095	-1.074	0.990843	1.00194	1.00194	0.911319	0.411984	0.401844	1
cg13081150	CENPF	0.557657	0.257753	0.746067	-1.34009	0.4158	1.34124	1.34124	0.17966	0.727966	-1.37372	0.291683	0.80077	-1.2488	0.885721	0.97952	-1.02108	0.994514	0.802009	1.1377	0.962459	1.21255	1.21255	0.841967	-1.1877	0.461189	0.897679	1.11398	0.919644	1.16753	1.16753	0.911414	0.298852	0.291466	1
cg10106091	C12orf49;RNFT2;RNFT2	0.557701	0.881965	1.02893	1.02893	0.487767	0.873446	-1.14489	0.466874	1.1527	1.1527	0.865449	0.966874	1.1527	0.815	0.815	-1.22699	0.726504	0.883309	1.13209	0.985028	1.11812	1.11812	0.266941	0.80917	-1.24857	0.932995	0.983988	-1.01627	0.882034	1.02891	1.02891	0.063857	1.49155	1.49155	0.911322	0.531699	0.518668	1
cg15135638	VAV4;ST2	0.557702	0.938273	1.08137	1.08137	0.120912	0.306184	2.29394	0.188418	0.824602	1.08818	0.324435	0.98972	1.01039	0.240143	1.04995	1.04995	1.04995	0.942023	1.06482	1.06482	0.377485	0.830583	1.05201	1.05201	0.605958	1.01398	1.01398	0.853993	1.15406	1.15406	0.453754	1.20397	1.03397	0.911397	0.853993	0.832903	1
cg22446208	C2orf74;C2orf74	0.557708	0.267791	1.55684	1.55684	0.501697	1.29884	1.29884	0.218738	0.60894	-1.6422	0.656447	0.830009	-1.20482	0.84225	-1.1873	0.140233	0.544176	1.83764	0.557709	0.793813	-1.25974	0.615827	0.823656	-1.2141	0.939274	0.02965	1.07459	-1.39724	0.91121	2.1221	2.07012	1
cg21025289	DDX51;NOC4L	0.557712	0.266333	1.39024	1.39024	0.750705	0.913315	-1.09491	0.531944	0.835182	-1.19734	0.818761	1.06747	1.06747	0.051727	0.513855	-1.88021	0.635326	0.872925	-1.14557	0.552874	0.840031	-1.18624	0.719888	0.902631	-1.10787	0.897169	0.963886	-1.03747	0.911204	1.16789	1.13929	1
cg12251508	RBM3	0.557716	0.188634	0.794094	1.25918	0.5994825	0.888824	-1.12508	0.644375	0.885538	-1.12973	0.64175	0.908538	1.10034	0.863338	0.70918	-1.41009	0.14636	0.285597	-3.50154	0.444	0.379509	1.1505	0.869511	0.314815	0.08997	0.821638	1.08244	0.911197	0.35457	0.912556	1
cg05958126	MAP3K15	0.55772	0.155917	0.159959	-6.25162	0.733525	0.661951	-1.51069	0.964306	0.947405	-1.05551	0.262942	0.09225	4.09225	0.218236	4.7761	4.7761	4.7761	0.255796	0.238774	-4.18806	0.727899	0.65593	-1.52455	0.977869	0.967065	-1.03406	0.944546	0.919445	-1.08761	0.91119	2.01356	20.5207	1
cg17230440	LOC101029716;AR8DC3	0.557722	0.304365	1.2603	1.2603	0.371663	1.12068	1.12068	0.104412	1.47093	1.47093	0.615567	0.894657	-1.11777	0.23891	1.30753	1.30753	1.30753	0.647589	1.10523	1.10523	0.481347	1.24345	1.24345	0.207092	1.3289	1.3289	0.373266	1.21982	1.21982	0.911461	0.682237	0.665342	1
cg14294444	HSPA5	0.557749	0.667644	1.14168	1.14168	0.328584	0.733952	-1.36249	0.935061	0.925331	1.02531	0.43524	1.27659	0.59585	1.17844	1.17844	1.17844	1.17844	0.156967	0.628559	-1.59094	0.305734	0.72231	-1.38445	0.486317	1.24219	1.24219	0.359556	1.33504	1.33504	0.911443	1.35779	1.32463	1
cg01596292	RNF19A;RNF19A	0.557758	0.200972	2.47857	2.47857	0.477209	1.62533	1.62533	0.878721	1.10807	1.10807	0.391049	1.80511	1.80511	0.649895	1.35949	1.35949	1.35949	0.489346	1.60318	1.60318	0.171912	2.6573	2.6573	0.0576201	4.2328	4.2328	0.690729	1.30835	1.30835	0.911328	6.5176	6.35852	1
cg07842564	MME;MME;MME;MME	0.557776	0.947181	1.05295	1.05295	0.450932	1.74847	1.74847	0.214326	0.78826	-1.27005	0.242426	0.58826	-1.70025	0.242441	1.57486	1.57486	1.57486	0.937924	1.07896	1.07896	0.329436	1.57486	1.57486	0.0936	2.34941	2.34941	0.0961126	2.48225	2.48225	0.712835	1.30853	1.30853	0.911326	7.64925	7.44025	1
cg11707391	MSRA;MSRA;MSRA	0.55777	0.804337	0.907454	-1.10198	0.309448	1.50909	1.50909	0.934237	1.03281	1.03281	0.651747	1.19451	1.19453	0.090961	0.492934	-2.02867	0.859317	1.07188	1.07188	0.197475	0.586841	-1.70403	0.580327	1.24405	1.24405	0.641961	1.832606	-1.20105	0.911308	2.07871	2.15484	1
cg02117077	DENND2D	0.557783	0.569283	1.25962	1.25962	0.794116	0.827208	-1.20844	0.145	0.863286	1.16064	0.160994	0.516964	1.93554	0.889425	0.516964	1.93554	1.93554	0.743681	1.34493	1.34493	0.631991	0.719179	0.908817	-1.10033	0.343702	0.772367	-1.29472	0.091708	0.655181	-1.52611	-1.63511	0.896352	0.966075	-1.03512	0.911102	1.01085	0.087183	1
cg07711067	ZNF780A;PTPN2;PTPN2;PTPN2;PTPN2;PTPN2;PTPN2;PTPN2;PTPN2	0.557774	0.501263	0.834643	-1.19812	0.396978	0.794789	-1.2582	0.915143	1.02863	1.02863	0.213076	1.41515	1.41515	0.561071	0.855873	1.1684	1.1684	0.719179	0.908817	1.10033	0.343702	0.772367	-1.29472	0.091708	0.655181	-1.63511	0.896352	0.966075	-1.03512	0.911102	1.01085	0.087183	1
cg04502062	N2	0.557785	0.520983	1.70172	1.70172	0.761185	1.28287	1.28287	0.214757	0.887314	0.81063	0.140834	1.98887	1.98887	0.430731	1.91435	1.91435	1.91435	0.1005	0.229862	4.35043	0.91506	0.91507	-1.0911	0.655937	0.693196	-1.44259	0.700939	1.37074	1.37074	0.911085	0.63593	0.40119	1
cg20263191	CCDC90B;CCDC90B	0.557792	0.943491	0.983175	-1.01711	0.133816	1.47261	1.47261	0.864945	1.04159	1.04159	0.318568	1.27985	1.27985	0.831229	1.05241	1.05241	1.05241	0.145441	1.4538	1.4538	0.393628	0.811267	-1.23264	0.57148	1.14669	1.14669	0.287995	1.30219	1.30219	0.911073	0.826711	0.806581	1
cg05450976	CD5EAP;PPP1R13L;PPP1R13L	0.557807	0.095739	0.403859	-2.47613	0.315113	0.641558	-1.55783	0.543451	1.30015	0.517597	0.755812	-1.32351	0.755812	-1.32351	0.302368	0.755812	-1.32351	0.769	0.943204	1.01827	1.01827	0.728228	1.34147	1.34147	0.545284	1.01122	1.16833	0.597929	0.873486	1.44844	0.911272	0.912288	0.909389	1
cg12378817	JAKMIP3	0.557832	0.363202	0.723269	-1.38261	0.359067	1.38671	1.38671	0.062983	0.498426	-2.06501	0.687865	0.869347	-1.15029	0.842063	1.07161	1.07161	1.07161	0.629717	1.24696	1.24696	0.995974	1.00175	1.00175	0.892382	0.954156	-1.04805	0.480249	0.779759	-1.28245	0.911008	1.73743	1.69202	1
cg27532840	GID2	0.557836	0.625517	1.27109	1.10349	0.25866	1.26666	1.26666	0.204954	0.810218	1.00536	0.940002	1.0249	1.0249	0.587625	1.13361	1.13361	1.13361	0.209445	1.19722	1.19722	0.342085	1.12212	1.12212	0.400931	1.17114	1.17114	0.409861	1.05576	1.05576	0.911005	0.557219	0.543694	1
cg20543993	PHF20;RNF216	0.557839	0.488615	1.43682	1.43682	0.636285	1.27814	1.27814	0.299771	0.784875	-1.73951	0.470633	1.4595	1.4595	0.784038	1.15203	1.15203	1.15203	0.878494	1.082	1.082	1.0679048	1.01764	1.01764	0.35741	1.6284	1.6284	0.964934	1.02291	1.02291	0.910997	3.82923	3.7363	1
cg18480675	CMC1	0.557843	0.831844	0.855898	-1.16836	0.113384	1.52797	1.52797	0.803454	1.20019	1.20019	0.94911	1.04782	1.04782	0.097406	0.264502	-3.78069	0.387663	0.901736	-1.10897	0.454874	0.57555	-1.73747	0.983203	1.01552	1.01552	0.986984	1.00931	1.00931	0.91099	0.72635	0.7338	1
cg21244253	INVS;INVS	0.557785	0.27038	1.70172	1.70172	0.761185	1.28287	1.28287	0.214757	0.887314	0.81063	0.140834	1.98887	1.98887	0.430731	1.91435	1.91435	1.91435	0.1005	0.229862	4.35043	0.91506	0.91507	-1.0911	0.655937	0.693196	-1.44259	0.700939	1.37074	1.37074	0.911085	0.63593	0.40119	1
cg17126250	PRKAR2B	0.55785	0.864564	1.07862	1.07862	0.386201	1.48262	1.48262	0.521612	1.33372	1.33372	0.660871	1.21618	1.21618	0.111786	0.464045	-2.15496	0.498443	1.35617	1.35617	0.382227	1.48778	1.48778	0.533788	1.32232	1.32232	0.338052	0.645433	-1.54935	0.910978	2.8357	2.76694	1
cg16030810	ITGA8	0.557857	0.18857	0.382863	-2.6119	0.266557	0.604328	-2.22061	0.853825	1.83554	1.13554	0.990661	1.00081	1.00081	0.180793	0.377457	-2.64311	0.219909	0.405881	-2.46378	0.234997	0.31515	0.304207	-3.28806	0.314435	0.08002	0.802603	0.989412	-1.0107	0.911187	0.598119	0.583482	1
cg18485485	DECR1;DECR1	0.557856	0.220177	0.580374	-1.72303	0.888236	0.924378	-1.06115	0.996804	0.998311	-1.00169	0.330021	1.52843	1.52843	0.934434	0.965869	-1.03534	0.264731	0.612261	-1.63329	0.090041	0.55233	0.766131	-1.30526	0.70414	0.851272	1.47471	0.910968	2.57008	2.50779	1
cg27316808	ACOT7	0.557857	0.478862	0.887794	-1.12639	0.516236	1.10909	1.10909	0.114486	1.32816	1.32816	0.895802	1.0219	1.0219	0.838412	0.966807	-1.03433	0.649172	0.927081	-1.07865	0.287349	1.20037	1.20037	0.733017	0.944967	-1.05824	0.175943	1.26856	1.26856	0.910968	0.39341	0.384753	1
cg10947301	NUCKS1	0.557863	0.423793	1.15061	1.15061	0.206057	0.604328	-1.72753	0.73507	1.05992	1.05992	0.680176	1.00406	1.00406	0.128179	0.477457	-2.09444	0.219909	0.405881	-2.46378	0.234997	0.31515	0.304207	-3.28806	0.314435	0.08002	0.802603	0.989412	-1.0107	0.911187	0.598119	0.583482	1
cg22350171	RNF187;RNF187	0.55786	0.646261	1.10669	1.10669	0.173671	0.727948	-1.37372	0.377215	0.819745	-1.21989	0.491001	0.834319	-1.19858	0.584054	0.658985	-1.51749	0.45137	0.84508	-1.18332	0.211243	0.750116	-1.33313	0.655269	0.90613	-1.10359	0.689281	0.915611	-1.09217	0.910963	0.694239	0.677416	1
cg26029682	PTGFRN	0.557865	0.081353	0.441284	-2.26613	0.093745	3.15506	3.15506	0.724168	1.40852	2.40852	0.7	1.33596	1.33596	0.224168	0.60852	-1.64342	0.745186	0.923302	1.08321	0.339454	0.9459	0.94595	-1.05702	0.143105	0.598256	1.88901	1.42105	0.598256	1.88901	0.911028	0.8533	0.805263	1
cg08152564	ACAT1	0.557866	0.368948	0.812304	-1.23107	0.931355	0.980778	-1.0196	0.196974	1.35974	1.35974	0.71167	0.919766	-1.08723	0.298956	0.784643	-1.27446	0.881301	0.966899	-1.03423	0.130254	0.691999	-1.44509	0.372703	0.813696	-1.22896	0.480636	0.850859	-1.17528	0.910953	0.732219	0.714484	1
cg15121240	TMEM39A	0.557867	0.810013	0.955075	-1.04704	0.783122	0.15407	1.05407	0.099101	0.412108	0.912364	0.101633	0.101633	0.710095	0.912218	-1.07386	0.546864	1.1234	1.1234	0.358004	1.19769	1.19769	0.177738	1.3143	1.3143	0.178084	1.31403	0.910952	0.525493	0.512766	1
cg19539732	DIABLO;DIABLO;DIABLO;DIABLO	0.557873	0.74832	1.07808	1.07808	0.374193	1.34841	1.34841	0.204933	1.17916	1.17916	0.824676	1.17444	1.17444	0.051227	0.615515	-1.62455	0.376406	0.491337	-2.03524	0.213306	0.92358	-1.07225	0.887843	0.714772	-1.39935	0.940272	0.99042	-1.00449	0.910948	10.0338	9.79081	1
cg19135406	RAPGEF2	0.557876	0.33206	0.660871	-1.51316	0.268815	0.620831	-1.61074	0.850796	1.08106	1.08106	0.789306	0

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
pBS64487	SEPTIN5;SEPT9;SEPT9	0.558359	0.831935	0.950188	1.05242	0.997054	0.999113	-1.00089	0.468442	0.837482	-1.19406	0.132246	0.676664	-1.47784	0.898235	0.969706	-1.03124	0.136595	1.47046	1.47046	0.430229	1.21359	1.21359	0.823262	1.05526	1.05526	0.512731	0.852474	-1.17356	0.910149	0.833237	0.813774	1
pG1803717	ENO1	0.558362	0.05309092	2.51848	2.51848	0.936872	1.03385	1.03385	0.891504	1.05903	1.05903	0.771291	0.884706	-1.13032	0.353992	0.669796	-1.49299	0.918979	0.95814	-1.04369	0.804094	0.900232	-1.10959	0.513843	1.32082	1.32082	0.449291	0.723223	-1.3827	0.910144	2.54612	2.48666	1
pG1424433	CLCA2	0.558365	0.766771	1.27695	1.27695	0.38127	0.478011	-2.092	0.133158	0.264047	-3.7872	0.991211	1.00909	1.00909	0.191875	0.321254	-3.1128	0.716396	0.740915	-1.34968	0.549159	1.64573	1.64573	0.767189	0.783472	-1.27637	0.279828	2.51789	2.51789	0.910139	9.7381	9.51073	1
pG1480944	ZSCAN23	0.558372	0.276524	0.680624	-1.46923	0.349171	0.720614	-1.38764	0.087125	1.9005	1.9005	0.741793	0.893695	-1.11895	0.789799	0.913183	-1.09507	0.630506	1.1791	1.1791	0.43701	0.763754	-1.30912	0.713914	1.13333	1.13333	0.963063	0.984382	-1.01587	0.910127	1.66555	1.62668	1
pG1033875	TNXB	0.558373	0.67497	1.2044	1.2044	0.586446	1.27408	1.27408	0.473721	0.725194	-1.37894	0.693787	1.19065	1.19065	0.161466	0.517169	-1.9336	0.446736	0.710357	-1.40774	0.233153	0.62562	-1.73551	0.955406	0.975642	-1.02497	0.239543	1.72134	0.710126	0.803101	2.7376	1
pG1841409	C14orf182	0.558377	0.400308	1.62824	1.62824	0.102	2.18589	2.18589	0.58073	1.37447	1.37447	0.210086	1.02871	1.02871	0.543222	1.41686	1.41686	0.308463	1.81643	1.81643	0.215981	2.09032	2.09032	0.09072448	2.8727	2.8727	0.298919	1.83975	1.83975	0.910119	4.62151	4.5137	1
ch.1.3587792F	SMG7;SMG7;SMG7	0.558378	0.198708	0.759092	-1.31736	0.32252	0.812702	-1.23046	0.137165	0.722584	-1.38392	0.530881	0.879126	-1.13749	0.236302	0.777369	-1.28639	0.453072	0.856313	-1.1678	0.452143	0.856029	-1.16818	0.450225	1.16899	1.16899	0.830954	1.04434	1.04434	0.910119	0.593661	0.579813	1
pG1638795	ADAT2;PDX3	0.558396	0.89727	1.11328	1.11328	?	?	?	0.580201	0.628473	-1.59116	0.374146	0.467485	-2.13906	0.191528	0.183775	5.44035	0.397153	2.05908	2.05908	0.284042	0.53285	2.53285	0.464969	1.85712	1.85712	?	?	?	0.891274	7.40745	8.31108	1
pG7545140	TTC15	0.558397	0.859329	0.09204	0.109264	0.135368	2.22291	2.22291	0.737297	1.59777	1.59777	0.340876	1.37908	1.37908	0.097829	0.40601	-2.46299	0.522467	1.37947	1.37947	0.930696	1.04412	1.04412	0.881079	0.928396	-1.07713	0.565757	0.749664	-1.33393	0.910088	3.55035	3.46766	1
pG1292593	DUSP19;DUSP19	0.558402	0.453567	1.42457	1.42457	0.0780216	2.47835	2.47835	0.253849	1.73723	1.73723	0.750469	0.862534	-1.15937	0.556432	0.759031	-1.31747	0.689566	0.83019	-1.20454	0.850254	0.916127	-1.09155	0.981748	1.01066	1.01066	0.308794	1.62941	1.62941	0.910078	3.09641	3.02432	1
pG1544625	FAM127B;FAM127B	0.558406	0.212269	-1.1158	-4.7134	0.0183058	0.2115	-4.7268	0.0240051	0.53143	-1.88172	0.275073	2.86417	2.86417	0.463276	1.99738	1.99738	0.273892	1.34616	1.34616	0.222121	0.749691	-1.33437	0.601888	0.759162	-1.31721	0.810547	1.24955	1.24955	0.910072	12.3773	12.0892	1
pG8013890	GRIP1	0.558408	0.518954	0.795153	-1.25762	0.29427	0.682929	-1.46428	0.211897	0.630639	-1.58569	0.317095	0.695882	-1.43703	0.445848	0.761522	-1.31316	0.659611	0.85608	-1.16812	0.144232	1.73313	1.73313	0.654621	0.853971	-1.171	0.587437	0.825266	-1.21173	0.910069	1.7715	1.73027	1
pG1288583	PTPRB;PTPRB	0.558409	0.756201	0.8250534	-1.20554	0.62127	0.742009	-1.34754	0.588839	0.728093	-1.38717	0.29467	1.5693	1.5693	0.0662	0.518081	-1.9312	0.667333	1.50066	1.50066	0.0398941	2.038373	2.038373	0.0156412	1.3377	1.3377	0.5679312	0.707393	1.41364	0.910035	5.18346	5.06301	1
pG1640263	GANAB;GANAB	0.55843	0.316747	1.26901	1.26901	0.340186	1.11963	1.11963	0.69273	0.912655	-1.0957	0.660965	1.10693	1.10693	0.124994	1.45797	1.45797	0.173508	1.39561	1.39561	0.193094	0.577913	0.877412	-1.13972	0.418834	0.826837	-1.20943	0.607353	1.12671	1.12671	0.910033	0.763165	0.745908	1
pG2510325	PNLIPRP2	0.558431	0.23539	2.83802	2.83802	0.508924	0.57005	-1.75423	0.235053	0.352068	-2.84036	0.819915	1.21078	1.21078	0.983597	0.218596	-4.57465	0.931924	1.07429	1.07429	0.892858	0.91281	-1.11967	0.6818	1.41311	1.41311	0.892468	1.12013	1.12013	0.910031	10.1403	9.90475	1
pG1485874	UBAP2L	0.558432	0.174155	0.037467	-26.844	0.787614	0.940589	-1.84888	0.690858	2.48373	-2.48373	0.213997	0.056809	-19.7278	0.347209	0.05157	9.05117	0.290303	12.1546	12.1546	0.810508	0.578867	-1.72751	0.494332	4.85253	4.85253	0.639041	0.341424	-2.93049	0.91003	74.6537	72.1933	1
pG1773734	WIPF1;WIPF1	0.558473	0.600919	1.52209	1.52209	0.79037	0.808915	-1.23622	0.746554	1.29447	1.29447	0.181106	3.096	3.096	0.975852	0.976196	-1.02438	0.246959	2.62105	2.62105	0.939774	1.06199	1.06199	0.0574332	5.53149	5.53149	0.541314	1.63586	1.63586	0.909962	9.13009	8.91865	1
pG1634519	MF2	0.558478	0.599755	0.89936	-1.11197	0.453677	1.16521	1.16521	0.155571	1.35581	1.35581	0.978493	0.994614	-1.00545	0.247564	0.78272	-1.27761	0.552117	0.897322	-1.11443	0.554464	1.1724	1.1724	0.423731	0.849021	-1.17793	0.326129	0.816201	-1.22519	0.909956	0.578334	0.564945	1
pG8845786	ZNF497	0.558479	0.624264	1.97543	-1.08987	0.55108	2.51087	1.1087	0.0	0.546824	2.24974	0.550103	1.11117	1.11117	0.736936	0.982853	-1.06061	0.456752	1.14126	1.14126	0.970142	0.999496	-1.00055	0.234072	1.24293	1.24293	0.0793147	1.40436	1.40436	0.909448	0.307797	0.42786	1
pG1617006	SH3KBP1;SH3KBP1	0.558486	0.292543	0.18038	-5.54385	0.634531	0.471863	-2.11926	0.890882	1.24021	1.24021	0.136627	12.3671	12.3671	0.215267	7.73511	7.73511	0.306857	0.190302	-5.25479	0.979146	0.959833	-1.04185	0.914911	0.845667	-1.18249	0.778736	0.642892	-1.55547	0.909942	35.45	34.6208	1
pG6048524	CXCL12;CXCL12;CXCL12 FLJ13106;FLJ13106;ARID4A;ARID4A;ARI	0.558501	0.788435	1.1706	1.1706	0.419374	1.36	1.36	0.908	0.916908	1.61936	1.61936	1.87786	1.87786	0.440443	0.561221	1.78153	0.783127	0.905705	1.10455	1.10455	0.204556	0.760824	1.31455	1.31455	0.284458	1.18841	0.717563	1.23714	1.23714	0.917679	4.87675	4.51328	1
pG6116464	D4A	0.558505	0.600098	0.939646	-1.06423	0.296768	1.13576	1.13576	0.158241	0.837347	-1.19425	0.229152	0.861011	-1.16143	0.688475	0.953679	-1.04857	0.30999	0.883706	-1.1316	0.481311	0.919216	-1.08788	0.524622	0.926932	-1.07883	0.509405	1.08202	1.08202	0.909911	0.199575	0.194964	1
pG2727674	FGD6;VEZT	0.558505	0.171874	0.81971	-1.21994	0.689229	1.05649	1.05649	0.266007	1.17168	1.17168	0.299856	0.863409	-1.1582	0.73776	0.955104	-1.04701	0.981303	0.996802	-1.00321	0.514404	0.913585	-1.09459	0.581549	0.926733	-1.07906	0.258115	1.17504	1.17504	0.909911	0.269282	0.263061	1
pG9661010	SPOCK2;SPOCK2	0.558505	0.634381	1.19556	1.19556	0.0507605	2.29282	2.29282	0.353853	0.70073	-1.42708	0.942655	1.02718	1.02718	0.033742	0.730479	-1.36907	0.854503	1.04894	1.04894	0.799594	1.00422	1.00422	0.993668	1.02115	1.02115	0.861914	1.04178	1.04178	0.909901	2.00304	1.95677	1
pG1662911	DLGAP1;DLGAP1	0.558513	0.539433	1.23599	1.23599	0.0750316	0.679965	-1.49039	0.857603	1.03841	1.03841	0.738322	0.894749	-1.05891	0.573127	1.12132	1.12132	0.891683	1.0278	1.0278	0.673585	0.918267	-1.08901	0.547227	1.09853	1.09853	0.211342	1.30345	1.30345	0.909898	0.583808	0.57022	1
pG1489391	DNMT3A;DNMT3A;DNMT3A PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.558515	0.939718	0.964405	-1.03691	0.133564	2.1626	2.1626	0.911543	1.0547	1.0547	0.601631	0.776925	-1.28713	0.857387	1.09002	1.09002	0.634263	1.25818	1.25818	0.665747	0.811984	-1.23155	0.24856	1.78246	1.78246	0.164891	0.491658	-2.03393	0.909894	3.3092	3.23285	1
pG1029994	JPLEC1;PLEC1	0.558533	0.763106	1.26348	1.26348	0.072525	0.212191	-4.71274	0.222326	0.69731	0.760106	1.26737	1.26737	0.24229	1.8801	1.8801	0.140367	0.74374	1.2889	1.2889	0.663491	1.40313	1.40313	0.610481	1.47241	1.47241	0.671491	1.39103	0.909865	8.6256	8.42674	1
pG9476997	SLC9A3R2;SLC9A3R2	0.558545	0.265178	2.58077	2.58077	0.586909	0.638961	-1.56504	0.685213	0.71696	-1.39478	0.720297	1.34119	1.34119	0.642414	1.46489	1.46489	0.500814	1.74701	1.74701	0.0455336	6.50318	6.50318	0.652587	1.44771	1.44771	0.803238	1.22728	1.22728	0.909846	9.60592	9.38466	1
pG0714840	KDM2B;KDM2B	0.558549	0.42808	1.37811	1.37811	0.191474	1.24	1.24	0.585	1.26758	1.26758	0.162125	1.42675	1.42675	0.676559	1.24769	1.24769	0.288288	1.76033	1.76033	0.0813351	2.39006	2.39006	0.0458541	1.24769	1.24769	0.906851	1.04561	1.04561	0.909845	0.329063	0.31578	1
pG6465666	PDE1A;PDE1A	0.558557	0.866588	1.1619	1.1619	0.209448	3.25917	3.25917	0.390545	1.2941	1.2941	0.856848	1.175	1.175	0.801537	1.25225	1.25225	0.518231	1.79497	1.79497	0.220096	1.6331	1.6331	0.958015	0.95407	-1.04814	0.0533374	7.10178	7.10178	0.909825	1.494	11.2295	1
pG8136432	GAIN5	0.558559	0.626367	0.75596	0.75596	0.855445	1.35115	1.35115	0.900568	0.828964	-1.20632	0.889248	1.25858	1.25858	0.212706	0.272705	-3.66842	0.584312	0.842	0.842	0.0498206	0.710122	0.710122	0.24	0.648675	0.783502	0.0382552	0.360959	-2.74757	0.976505	0.952544	1.44092	1.40362	1
pG1475458	PIK2;PIK2;PIK2;PIK2;PIK2;PIK2;PIK2;PIK2;P	0.558579	0.736347	0.872239	-1.14643	0.977635	0.989157	-1.01096	0.188775	1.71859	1.71859	0.97088	0.908728	-1.01084	0.956228	1.02158	1.02158	0.995747	1.00203	1.00203	0.995001	1.05591	1.05591	0.625344	0.848997	-1.178	0.637587	0.9225	-1.0768	0.90979	2.07939	2.12932	1
pG1826264	SMOC2;SMOC2	0.558579	0.973893	1.02727	1.02727	0.842316	0.93415	-1.07049	0.587633	1.20567	1.20567	0.699014	1.14193	1.14193	0.702344	1.08241	1.08241	0.732822	1.02483	1.02483	0.956945	1.00357	1.00357	0.971247	1.02788	1.02788	0.734979	1.68141	1.68141	0.909879	1.68141	1.64278	1
pG1712720	MPP3;MPP3	0.558588	0.244409	0.808476	-1.2369	0.620152	1.09115	1.09115	0.537416	0.896709	-1.11539	0.504631	0.888514	-1.12547	0.447374	0.873543	-1.14476	0.668162	1.0782	1.0782	0.0900814	0.721701	-1.38562	0.765989	1.05349	1.05349	0.250648	0.810935	-1.23314	0.909776	0.439182	0.429099	1
pG0040566	EBF3	0.558592	0.389407	1.23992	1.23992	0.0	1.38741	1.38741	0.397574	0.834884	1.19726	1.19726	1.16526	1.16526	0.515136	1.3806	1.3806	0.724005	1.28001	1.28001	0.890757	1.0351	1.0351	0.0235511	1.22202	1.22202	0.784473	1.37821	1.37821	0.909849	0.883127	0.799649	1
pG0475409	NFATC1;NFATC1;NFATC1;NFATC1	0.558603	0.361209	0.711801	-1.40489	0.093144	0.864975	-1.1561	0.740266	1.1805	1.1805	0.225556	0.630476	-1.58561	0.394734	1.09926	1.09926	0.454429	0.758826	-1.31782	0.132682	1.79972	1.79972	0.412768	1.35431	1.35431	0.683038	1.16032	1.16032	0.907007	1.89008	1.84682	1
pG0274406	MGAT4B;MGAT4B;MGAT4B	0.558637	0.726913	1.19886	1.19886	0.202918	2.00448	2.00448	0.0722637	2.82301	2.82301	0.557451	1.35925	1.35925	0.645739	0.787051	-1.27057	0.397149	0.638555	-1.56604	0.614499	1.30048	1.30048	0.630865	1.28463	1.28463	0.60516	1.30972	1.30972	0.909695	3.85612	3.76792	1
pG6234167	PHF13;PHF21B	0.55864	0.556353	1.14496	1.14496	0.364646	0.622	0.622	0.155	0.82409	1.21	1.21	1.04756	1.04756	-1.22744	0.847537	1.04489	0.809071	1.24	1.24	0.96575	1.00252	1.00252	0.994037	1.01725	1.01725	0.907081	1.07624	1.07624	0.1	0.907628	0.833107	0.799649	1
pG1993811	SLC35A4;SLC35A4;SLC35A4	0.558643	0.623431	0.925495	-1.0805	0.811497	0.963309	-1.03809	0.429613	1.13445	1.13445	0.708525	0.942937	-1.06052	0.770987	1.04672	1.04672	0.810651	1.03827	1.03827	0.508039	0.90027	-1.11078	0.669556	0.93504	-1.06947	0.0399706	1.68973	1.68973	0.909687	0.352677	0.344614	1
pG1945741	FAM20C	0.558653	0.717631	1.08453	1.08453	0.564355	0.74645	-1.34015	0.562468	0.834509	-1.19985	0.628137	0.917398	-1.09006	0.830627	1.06195	1.06195	0.810742	1.03977	1.03977	0.826826	0.914603	-1.04073	0.655355	1.14603	1.14603	0.793397	0.953354	-1.04884	0.917802	0.887512	0.865306	1
pG2287630	SLC30A7;EXTL2;EXTL2;SLC30A7	0.558667	0.218406	0.75676	-1.32142	0.85181	0.960539	-1.04108	0.37559	1.21625	1.21625	0.511127	0.866334	-1.15429	0.207229	0.751007	-1.33155	0.765121	0.937532	-1.06663	0.112806	0.68963	-1.45005	0.412842	0.835064	-1.19751	0.951932	1.01306	1.01306	0.909646	0.607741	0.652504	1
pG0280922	C14orf43;C14orf43	0.558675	0.400806	0.91366	-1.09445	0.403513	0.717778	1.07778	0.161692	0.980338	-1.11069	0.761562	1.02447	1.02447	0.930494	1.1151	1.1151	0.303075	1.11831	1.11831	0.624293	0.85359	-1.17139	0.624742	0.881556	-1.13483	0.0962429	0.918511	0.918511	0.909629	0.183711	0.154701	1
pG1027853	MAP4K4;MAP4K4;MAP4K4	0.558683	0.252435	0.497667	-2.00936	0.0635171	0.295855	1.38004	0.291452	0.529132	1.88924	0.933792	0.652656	-1.6497	0.156874	0.641796	-1.55824	0.284112	0.918386	-1.08887	0.514462	0.678845	-1.47092	0.602749	0.730013	-1.35807	0.848756	0.89454	-1.11789	0.90962	0.90885	0.47908	1
pG2636867	CYP8B1;CYP8B1 TRPM3;TRPM3;TRPM3;TRPM3;TRPM3;	0.558696	0.722585	0.931346	-1.07371	0.543475	1.13126	1.13126	0.473761	1.15647	1.15647	0.0943188	1.44337	1.44337	0.554921	1.12655	1.12655	0.209784	1.30179	1.30179	0.395721	1.18952	1.18952	0.151971	1.3583	1.3583	0.342728	1.21536	1.21536	0.9096	0.573553	0.560493	1
pG1426553	TRPM3;TRPM3;TRPM3;TRPM3	0.558702	0.800481	1.12239	1.12239	0.787668	1.13098	1.13098	0.329579	0.632076	-1.58209	0.122071	2.14696	2.14696	0.617993	0.795147	-1.25763	0.720641	0.84898	-1.17788	0.439501	0.698048	-1.43257	0.302029	1.62824	1.62824	0.342221	1.56232	1.56232	0.90959	2.99465	2.92649	1
pG1349286	PFDN2;NIT1	0.558704	0.758419	1.09567	1.09567	0.449216	1.27477	1.27477	0.191396	1.26859	1.26859	0.373904	1.17059	1.17059	0.0855465	1.3917	1.3917	0.252354	1.22831	1.22831	0.545724	0.9001	-1.11099	0.850369	1.03313	1.03313	0.422151	1.152	1.152	0.909586	0.428997	0.419215	1
pG1499736	CIT	0.558716	0.2953317	0.6036611	-1.65656	0.141446	0.457979	-2.18351	0.137164	0.553149	-1.94746	0.801139	0.943838	-1.0595	0.541713	0.74957	-1.0852	0.623888	0.54042	-1.8442	0.508629	0.748003	-1.05488	0.714562	0.942955	-1.1863	0.979316	0.894953	-1.11813	0.909567	1.11615	1.04331	1
pG1369201	EID2B	0.55872	0.152547	0.31773	-3.14733	0.836899	1.16677	1.16677	0.17923	1.34847	-2.90827	0.291356	2.2688	2.2688	0.80861	1.19911	1.19911	0.791104	0.819846	-1.21974	?	?	?	0.691463	1.34781	1.34781	0.656537	1.3978	1.3978	0.897816	0.707661	0.738201	1
pG1650713	FI343	0.558727	0.251467	0.715345	1.39857	0.641566	0.637356	-1.56844	0.623855	0.866994	-1.15341	0.648957	0.816299	-1.22504	0.615005	0.871031	-1.14806	0.206269	1.46952	1.46952	0.63479	0.514784	-1.94298	0.515152	0.829097	-1.21198	0.227751	0.693701	1.44133	1.44133	0.909594	0.13772	0.13772	1
pG0279544	ADAMTS10	0.558733	0.675588	1.15875	1.15875	0.402698	1.34973	1.34973	0.514657	1.26035	1.26035	0.392203	1.3593	1.3593	0.168909	0.598514	-1.6708	0.524966	1.25307	1.25307	0.643817	0.849548	-1.1771	0.281513	0.675739	-1.47986	0.363373	1.38698	1.38698	0.909539	1.76656	1.72645	1
pG0735784	MIR205	0.558738	0.189647	0.319944	-3.12697	0.976607	0.148309	0.295983	-3.37857	0.367039	2.72256	0.148308	2.72256	2.72256	0.0270002	0.686211	-1.45706	0.226857	0.440971	-2.26691	0.0194927	0.444033	0.444033	0.0	0.444033	0.444033	0.0	0.444033	0.444033	0.0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Chrodl2)	Fold-Change(121T vs. Chrodl2)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 37T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg04619838	ATP6V0D1	0.559229	0.688944	1.13716	1.13716	0.913068	0.965041	-1.03562	0.625348	1.17086	1.17086	0.784696	1.09184	1.09184	0.367626	0.743408	0.345616	1.13716	0.313769	0.716094	-1.39647	0.287181	1.42509	1.42509	0.272131	1.44254	1.44254	0.147063	1.6467	0.808715	1.4787	1.44643	1
cg25471802	C6orf123	0.559251	0.992719	0.470121	-2.12711	0.725235	1.15485	1.15485	0.449389	1.36955	1.36955	0.917523	-1.08989	0.160694	0.542633	-1.84287	0.992401	1.00389	0.343053	0.671316	-1.48961	0.625343	0.818101	-1.22234	0.511946	0.762338	-1.31175	0.708596	2.39545	2.34323	1
cg23330845	CPSF3	0.559264	0.663993	1.42945	1.42945	0.694197	0.723971	-1.38127	0.347036	0.453157	-2.20674	0.478197	1.80292	1.80292	0.816775	1.20891	1.20891		0.768094	1.27342	1.27342	0.33029	2.2732	2.2732	0.070105	5.23417	5.23437	0.361	2.15459	2.15459	0.908575	9.61628	9.40689	1
cg26929161	ZFP64	0.559266	0.0764513	1.48706	1.48706	0.35808	0.0712665	-1.40318	0.694255	0.852331	-1.15576	0.97629	0.0898169	-1.01095	0.148775	0.560093	-1.76371		0.778506	0.901836	-1.10885	0.493775	1.29	1.29	0.77722	1.00954	1.00954	0.777119	0.901234	1.10959	0.908672	1.93223	1.89016	1
cg24980994	ZNF503;ZNF503.C10orf41	0.559268	0.879693	1.02575	1.02575	0.563665	0.907998	-1.10132	0.598085	0.914587	-1.09339	0.657986	0.927952	-1.07764	0.0593029	0.699542	-1.42951		0.20766	0.800124	-1.24981	0.40217	0.865974	-1.15477	0.557408	0.905234	-1.10469	0.50526	1.12015	0.908668	0.405374	0.39655	1
cg12447687	CTSC;CTSE	0.559269	0.300243	0.709834	-1.31618	0.170715	1.45244	1.45244	0.377564	1.26068	1.26068	0.42049	1.23438	1.23438	0.560458	1.16255	1.16255		0.797303	1.06807	1.06807	0.274949	1.33725	1.33725	0.368972	0.789717	-1.26528	0.542388	1.17091	1.17091	0.908667	0.942089	0.921583	1
cg06804091	LFNG;LFNG;LFNG;LFNG	0.559273	0.610479	0.782223	-1.27841	0.704004	0.833119	-1.20021	0.303362	0.600679	-1.66478	0.280806	0.585108	-1.70909	0.479761	0.709306	-1.40983		0.240059	1.80061	1.80061	0.124432	0.451424	-2.21521	0.480775	0.709887	-1.40868	0.829183	1.10882	1.10882	0.908661	3.28956	3.21799	1
cg14029968	TBC1D12	0.559277	0.637292	0.856022	-1.16849	0.112295	1.76111	1.76111	0.653811	0.952633	-1.04972	0.186851	0.623549	-1.58091	0.271529	0.688086	-1.45331		0.89691	1.04334	1.04334	0.953497	0.980466	-1.01992	0.935416	1.22807	1.22807	0.817601	0.927168	-1.07855	0.908654	1.542	1.50845	1
cg20682895	PTPN22;PTPN22;PTPN22	0.559277	0.0986448	0.629717	-1.59257	0.944055	1.0182	1.0182	0.858832	1.04647	1.04647	0.541442	0.853129	-1.17216	0.128553	0.655655	-1.52519		0.986343	0.995611	-1.00441	0.460715	1.21286	1.21286	0.812338	0.06302	1.06302	0.433754	0.814439	-1.22784	0.908653	0.950267	0.929597	1
cg07735777	MRPS33;MRPS33	0.559281	0.284463	0.465107	-2.15004	0.427945	1.74576	1.74576	?	?	?	0.134091	0.328798	-3.04138	0.90573	0.921675	-1.08498		?	?	?	0.741944	1.25545	1.25545	0.606705	1.42974	1.42974	0.559762	1.50082	1.50082	0.881983	5.14963	6.6728	1
cg11146971	NOVA1;NOVA1;NOVA1	0.559282	0.50606	1.36464	1.36464	0.453216	0.0997	1.42201	0.0379727	3.03009	3.03009	1.36464	0.0997	1.36504	0.0416572	1.36504	0.0416572		0.485057	1.38667	1.38667	0.912405	0.950578	-1.05199	0.876111	0.986279	-1.01389	0.288762	1.66099	1.66099	0.908645	3.05527	2.98884	1
cg09162537	AP2A2	0.55928	0.328054	0.618405	-1.61706	0.175126	0.503338	-1.98674	0.69619	0.8296	-1.20476	0.748676	1.16536	1.16536	0.0746435	0.388534	-2.57378		0.667133	0.813844	-1.22874	0.534678	0.741303	-1.34898	0.483028	0.712209	-1.40408	0.568227	1.31599	1.31599	0.908632	3.26151	3.19064	1
cg21488898	PIPP31	0.55929	0.223725	0.357046	-2.32015	0.728923	1.38967	1.38967	0.192894	0.282565	-3.53936	0.451375	0.22169	0.22169	0.180958	0.271358	-3.68845		0.208889	0.296467	-3.37101	0.997606	1.00276	1.00276	0.992615	0.999243	-1.07634	0.793188	0.785812	-1.27257	0.908632	12.1109	11.9478	1
cg07309942	ZHX3	0.559298	0.806724	0.935966	-1.06841	0.207904	1.43111	1.43111	0.197316	1.44476	1.44476	0.203725	0.696167	-1.43644	0.943344	1.01937	1.01937		0.559932	0.851458	-1.17446	0.414853	1.2524	1.2524	0.688548	0.11492	1.11492	0.451797	1.22993	1.22993	0.90863	1.04887	1.02609	1
cg02642370	DECR2	0.559314	0.531663	0.85553	-1.16887	0.603592	1.1377	1.1377	0.274629	1.13205	1.13205	0.266345	0.751841	-1.33007	0.525416	0.853441	-1.17173		0.535119	1.16729	1.16729	0.514669	0.849822	-1.17672	0.161997	1.44446	1.44446	0.713891	0.913301	-1.09493	0.908552	0.872828	0.8539	1
cg16089443	UNC5;ADH5;ADH1A;ADH5A1	0.559316	0.10224	0.42058	42.9058	0.102995	2.17279	2.17279	0.377531	0.7076	0.7076	0.11829	35.3247	35.3247	0.0359979	0.24728	4.04217		0.195555	17.7656	17.7656	0.0412053	0.58865	0.58865	0.579741	1.24048	1.24048	0.34958	0.9055	0.73771	0.62985	0.63771	0.21985	1
cg01364392	PARK2;PARK2;PARK2	0.559324	0.174959	2.66929	2.66929	0.554053	1.50282	1.50282	0.287081	2.12185	2.12185	0.362785	1.88999	1.88999	0.144979	2.90167	2.90167		0.438031	1.71321	1.71321	0.093309	3.51244	3.51244	0.536658	1.53083	1.53083	0.922662	1.06832	1.06832	0.908577	0.664496	0.652053	1
cg07016125	PAPOLA;PAPOLA	0.559324	0.485407	0.926486	-1.30405	0.985326	1.00692	1.00692	0.705581	0.865065	-1.15598	0.49124	1.29827	1.29827	0.343557	1.44201	1.44201		0.3413	1.44863	1.44863	0.204462	1.61529	1.61529	0.0949859	1.99033	1.99033	0.921824	1.03751	1.03751	0.908577	2.02513	1.98125	1
cg06477069	C20orf117	0.559339	0.552476	0.698174	-1.43121	0.15454	2.46589	2.46589	0.271682	1.98195	1.98195	0.859669	1.1158	1.1158	0.282617	0.513002	-1.94931		0.615588	1.35583	1.35583	0.264728	0.499109	-2.00357	0.913466	0.93708	-1.06714	0.878881	0.912865	-1.09545	0.908553	5.14303	5.03172	1
cg03538345	MTMR3;MTMR3;MTMR3	0.559343	0.223235	0.767572	-1.30281	0.38554	0.832036	-1.20187	0.48017	0.86213	-1.15992	0.73847	0.933083	-1.07172	0.9142	1.02253	1.02253		0.606538	1.11336	1.11336	0.0516092	0.632599	-1.58078	0.880013	0.96926	-1.03172	0.550023	0.882492	-1.13315	0.908546	0.614774	0.601473	1
cg08211967	AKAP13;AKAP13	0.559345	0.171837	0.76255	-1.31093	0.838048	0.961404	-1.04013	0.586931	1.09446	1.09446	0.314363	0.842651	-1.18686	0.0928268	1.07703	1.00233		0.40833	0.87091	-1.1485	0.157777	0.779952	-1.28213	0.488429	0.88061	-1.12276	0.156316	0.779175	2.83941	0.908543	0.385589	0.381161	1
cg09987240	PRMD8;PRMD8	0.559356	0.872572	0.908281	-1.10098	0.44379	1.59669	1.59669	0.668758	1.39005	1.39005	0.315033	1.86388	1.86388	0.736326	0.816648	-1.22452		0.544872	0.692628	-1.44378	0.788911	1.17448	1.17448	0.688829	1.27284	1.27284	0.414512	0.606587	-1.64857	0.908525	5.16847	5.05676	1
cg15522844	WTIP	0.559358	0.351447	0.73853	-1.35403	0.624212	0.98527	1.04373	0.0797867	0.890152	1.04581	1.04581	0.148498	1.04581	0.0794201	0.743851	-1.34457		0.230905	0.504054	1.51045	0.0198	0.324456	1.54345	0.930063	-1.0752	0.834945	1.44129	1.44129	0.908548	1.54049	1.51601	1
cg07249932	SLC30A4;C15orf21	0.559363	0.824311	1.03491	1.03491	0.183658	0.804368	-1.24321	0.670497	0.936081	-1.06828	0.924325	0.985445	-1.01477	0.287629	0.843338	-1.18576		0.149895	0.788013	-1.26901	0.101696	0.758419	-1.31853	0.402745	0.876206	-1.14128	0.570664	0.915354	-1.09247	0.908513	0.342716	0.335313	1
cg03584960	PTEN;KILLIN;PTEN	0.559367	0.635787	0.844153	-1.18462	0.260472	1.51711	1.51711	0.68058	0.86067	-1.15411	0.869085	0.943103	-1.06033	0.611225	1.19966	1.19966		0.167098	1.68716	1.68716	?	?	?	0.96092	0.616057	-1.62323	0.945509	0.976019	-1.02457	0.896742	1.59209	1.77541	1
cg07471209	FLJ43390	0.559372	0.823338	1.08102	1.08102	0.728178	1.80548	1.80548	0.0820501	1.12473	1.12473	0.448358	1.12738	1.12738	0.512907	0.89777	-1.11409		0.934706	1.0138	1.0138	0.964077	0.936555	-1.06774	0.49677	1.07202	1.07202	0.508502	0.40284	0.394143	0.908527	0.63771	0.621985	1
cg09871837	TSPAN1	0.559374	0.373195	0.572082	-1.748	0.252683	0.07487	2.07487	0.298744	1.93089	1.93089	0.587408	0.715563	-1.3975	0.191766	0.429894	-2.32616		0.191965	1.06358	1.06358	0.663194	0.765135	-1.30696	0.315718	0.530609	-1.88463	0.551697	0.692204	-1.44466	0.908495	5.36993	5.25404	1
cg02674662	STX5	0.559387	0.379586	0.633237	-1.5479	0.615478	1.26069	1.26069	0.707581	0.885065	-1.12944	0.637904	0.910073	-1.61532	0.688449	0.822355	-1.21596		0.050897	0.138326	-7.22973	0.0274648	0.337647	2.96211	0.0258468	0.6502	1.54258	0.538615	0.33121	1.1214	0.317844	0.605988	0.432458	0.388615	0.33121	1
cg08818716	RADIL	0.559401	0.884754	0.910378	-1.09844	0.181274	0.56032	2.50632	0.374804	1.80351	1.80351	0.295091	0.495115	-2.01973	0.155634	0.373971	-2.67401		0.522523	0.65732	-1.52133	0.664185	0.753676	-1.32683	0.929749	1.05875	1.05875	0.738052	1.805019	-1.24221	0.908451	0.630331	0.590046	1
cg05208153	C9orf25;C9orf24	0.559405	0.422172	0.601417	-1.66274	0.580313	1.41348	1.41348	0.260563	2.07035	2.07035	0.341654	1.83608	1.83608	0.177947	0.411587	-2.42962		0.423014	0.601996	-1.66114	0.668925	0.765845	-1.30575	0.673408	1.30069	1.30069	0.455108	0.623877	-1.60288	0.908446	5.53338	5.41426	1
cg01591471	SNTG2	0.559415	0.140353	0.510738	-1.95903	0.183884	0.912122	-1.09616	0.550508	1.10454	1.10454	0.550508	1.29646	0.922636	1.04254	1.42366	1.42366		0.378736	0.678288	-1.4744	0.1041	1.19061	-1.19061	0.840867	1.09026	1.09026	0.854185	2.63594	2.60121	0.908447	1.93061	1.8545	1
cg23388390	GSTZ1;POMT2;GSTZ1;GSTZ1	0.559411	0.638386	0.842157	-1.18743	0.678103	1.16355	1.16355	0.088614	1.97726	1.97726	0.890554	1.05124	1.05124	0.944704	0.755275	-1.32402		0.729777	1.3341	1.3341	0.520228	1.62686	1.62686	0.26711	1.62066	1.62066	0.489285	1.774982	-1.29035	0.908435	1.89497	1.8542	1
cg16162209	PCNXL2	0.559417	0.360769	1.84201	1.84201	0.543212	0.822727	1.1473	0.170967	0.895152	-1.09993	0.798847	0.870251	-1.16312	1.64744	1.64744	1.64744		0.230905	0.504054	1.51045	0.0198	0.324456	1.54345	0.930063	-1.0752	0.834945	1.44129	1.44129	0.908458	1.54049	1.51601	1
cg21263196	BCAM;BCAM	0.559423	0.136109	0.468755	-2.13331	0.28538	0.592459	-1.68788	0.238	0.558155	-1.79163	0.351033	0.635832	-1.57274	0.203019	0.530482	-1.88508		0.36137	0.642333	-1.55683	0.123152	0.454784	-2.19884	0.555042	0.754539	-1.32531	0.401856	0.667125	-1.49897	0.908416	3.20214	3.13331	1
cg22314482	LENG8	0.559446	?	?	?	0.910776	0.881543	-1.13437	0.957448	0.941752	-1.06185	0.400791	2.63089	0.0953601	0.127343	-7.8528			0.326418	0.319953	-3.12546	0.989283	1.01522	1.01522	0.498287	2.16678	2.16678	0.492393	2.19068	2.19068	0.896611	15.9683	17.8096	1
cg18684905	REXO1	0.559451	0.961435	1.02023	1.02023	0.238707	0.75957	1.76957	0.178852	4.25226	4.25226	0.198153	1.00238	1.00238	0.492924	0.402387	-2.02543		0.204065	1.40065	1.40065	0.352008	0.312752	-1.09021	0.460339	0.646828	-1.54622	0.099316	0.993715	-1.00632	0.908372	14.7985	14.4616	1
cg21290775	TSR2	0.559456	0.71083	0.657863	-1.52007	0.733536	1.4685	1.4685	0.609116	1.78592	1.78592	0.212992	0.43968	0.43968	0.07484	9.31086	9.31086		0.711603	0.658642	-1.51828	0.500209	2.1587	2.1587	0.618015	0.568178	-1.76001	0.550063	0.50562	-1.97387	0.908362	18.1915	17.8015	1
cg00004079	ARHGAP1;AGAP1	0.559457	0.382465	0.74116	-1.34926	0.0722	0.84221	1.41521	0.0138281	0.836754	1.15509	0.384444	0.70905	0.43955	0.0134857	2.18973	-4.55457		0.420338	0.729184	-1.37118	0.0178	0.266118	2.02613	0.0135102	0.90044	0.90044	0.918876	0.917455	0.908361	0.413454	0.42404	0.42404	1
cg16618145	CLIP1;CLIP1	0.559464	0.16781	0.273932	-3.65055	0.430536	0.03118	2.03118	0.571602	1.64556	1.64556	0.602991	0.6299	-1.58755	0.28642	0.377157	-2.65142		0.648258	0.667274	-1.49864	0.471273	0.524403	-1.90693	0.341561	0.252515	-3.96036	0.459309	0.496275	-2.01501	0.908349	11.1617	10.9226	1
cg14047153	SLC12A7	0.559547	0.166978	2.2296	2.2296	0.303944	0.560211	-1.78504	0.358884	1.67101	1.67101	0.274915	1.85561	1.85561	0.270886	1.8661	1.8661		0.442345	1.5316	1.5316	0.28202	1.83754	1.83754	0.480697	1.47715	1.47715	0.861846	1.09943	1.09943	0.908339	4.26091	4.16967	1
cg17135658	ARHGAP10	0.559476	0.514534	1.14166	1.14166	0.154453	1.10603	1.10603	0.154747	1.1751	1.1751	0.464997	1.74025	1.74025	0.0857	1.74848	1.74848		0.7085	1.31203	1.31203	0.509013	1.6221	1.6221	0.0402402	1.74819	1.74819	0.51157	0.528505	1.58582	0.908329	0.75997	0.734037	1
cg06940925	SLFN5	0.559485	0.509461	2.01203	2.01203	0.872166	1.18322	2.18322	0.967825	1.04304	1.04304	0.354275	2.70658	0.782651	0.682611	1.53655	1.53655		0.675857	1.55167	1.55167	0.139988	2.25415	2.25415	0.0704562	8.26757	8.26757	0.205774	4.03306	4.03306	0.908315	15.7027	15.3669	1
cg02116855	UMF1	0.559492	0.220502	0.615966	-1.62396	0.66785	1.2039	1.2039	0.0820501	1.21743	1.21743	0.351755	1.24001	1.24001	0.531796	0.74373	-1.34524		0.275146	1.4034	1.4034	0.151757	1.58268	1.58268	0.133429	0.704352	0.704352	0.826757	0.824307	0.729413	0.908314	0.744507	0.738737	1
cg23009387	SMAD5;SMAD5;SMAD5;SMAD5;SMAD	0.559497	0.405332	1.23869	1.23869	0.532975	0.853193	-1.17207	0.152866	1.46940	1.46940	0.307457	1.30417	1.30417	0.953035	0.985301	-1.01492		0.209258	1.3948	1.3948	0.874299	1.04061	1.04061	0.220755	1.38219	1.38219	0.602779	0.876335	-1.14112	0.908295	0.909356	0.889927	1
cg16711165	TIMMB;TIMMBB;SDHD	0.559506	0.914805	0.982411	-1.0179	0.218533	0.960586	-1.04166	0.641696	0.944772	-1.05958	0.252405	0.820162	-1.21927					0.51824	1.11473	1.11473	0.955278	0.991053	-1.00903	0.918438	1.13911	1.13911	0.844376	1.03313	1.03313	0.908328	0.395576	0.38713	1
cg11969191	SLC25A10	0.559512	0.647168	1.07886	1.07886	0.145953	1.29319	1.29319	0.282312	1.20205	1.20205	0.930046	1.01457	1.01457	0.540921	1.10733	1.10733		0.620212	0.921013	-1.08576	0.155246	1.28469	1.28469	0.195775	1.25276	1.25276	0.298933	1.19403	1.19403	0.908271	0.390277	0.381949	1
cg05212892	ESYT2	0.559514	0.246664	0.440967	-2.26722	0.373837	0.938128	-1.06495	0.422729	1.74055	1.74055	0.868308	0.893768	-1.11886	0.431361	1.09622	1.09622		0.237443	0.142746	-7.00384	0.145146	0.346854	-2.88306	0.540284	0.657314	-1.52133	0.665996	0.745346	-1.34166	0.908258	0.58862	0.44812	1
cg25098478	SCL24A1	0.559522	0.403632	0.685065	-1.45972	0.591485	1.27097	1.27097	0.232018	1.74153	1.74153	0.571076	0.776198	-1.28833	0.0925403	0.440736	-2.26893		0.945072	0.03096	-1.03096	0.774533	0.880634	-1.13555	0.443703	0.70778	-1.41287	0.52997	1.754582	-1.32524	0.908254	2.81773	2.75766	1
cg04453364	MTMR2;MTMR2;MTMR2;MTMR2;MT	0.559531	0.153424	1.43372	1.43372	0.237592	1.33856	1.33856	0.434898	1.20656	1.20656	0.664579	0.902288	-1.10829	0.514	1.16881	1.16881		0.900585	0.970974	-1.02989	0.235125	0.745812	-1.34082	0.418492	1.21512	1.21512	0.557522	1.15005	1.15005	0.90824	0.799046	0.782021	1
cg17767285	SNAP91;SNAP91	0.559532	0.680412	1.13311	1.13311	0.126024	1.64788	1.64788	0.579281	1.1841	1.1841	0.515355	1.22022	1.22022	0.799796	0.926188	-1.07969		0.79609	1.08127	1.08127	0.053885	1.94022	1.94022	0.92679	1.02812	1.02812	0.50155	1.22852	1.22852	0.908238	1.30957	1.28167	1
cg00620204	NUBPL	0.559534	0.277205	0.535138	-1.86858	0.0933	0.566634	1.76793	0.147431	0.89493	-1.11742	0.554258	0.52582	-1.9025	0.0166	0.359152	-2.78405		0.284649	0.413152	-2.3184	0.0418994	0.785792	1.27308	0.509026	-1.96107	0.510595	0.61499	1.64399	1.64399	0.138999	0.299745	0.33617	0.908236	0.82335	0.805812	1
cg13080906	AGAP1;AGAP1	0.559538	0.812406	1.17848	1.17848	0.161908	1.8057	1.8057	0.0642325	4.20545	4.20545	0.902475	0.918808	-1.08837	0.901013	1.08976	1.08976		0.910503	1.08077	1.08077	0.394727	1.826	1.826	0.316118	2.0461	2.0461	0.32636	2.01367	2.01367	0.908229	6.86351	6.71735	1
cg19048093	SPRS1;SPRS1	0.559542	0.816722	0.950341	-1.05225	0.373737	0.818462	-1.2218	0.31123	0.763948	-1.25717	0.883887	0.968447	-1.03258	0.730396	1.07885	1.07885		0.704654	0.646597	-1.54655	0.775499	0.939177	-1.06471	0.872156	1.28561	1.28561	0.778959	0.99333	-1.00611	0.908216	0.692356	0.677662	1
cg07717774	POLR2A	0.559548	0.747379	0.864723	-1.15644	0.123653	2.12689	2.12689	0.514407	1.99638	1.99638	0.974772	1.01432	1.01432	0.620779	0.799079	-1.25144		0.36921	0.660495	-1.51401	0.897224	0.945537	-1.05984	0.555931	0.764999	-1.30719	0.687139	0.833529	-1.19972	0.908213	2.90945	2.84754	1
cg09633533	MPST;MPST;MPST;MPST	0.559562	0.691521	0.812796	-1.23032	0.348693	1.65104	1.65104	0.857016	1.09826	1.09826	0.413071	1.54481	1.54481	0.619111	0.770705	-1.29751		0.538517	1.38216	1.38216	0.413315	1.54444	1.54444	0.0529476	1.3165	1.3165	0.446252	1.49705	1.49705	0.90819	3.88506	3.8025	1
cg00079216	CHD4	0.559571	0.171627	0.739103	-1.35282	0.0944	0.0757475	2.0757	0.0854154	0.723918	-1.38138	0.481814	1.15602	1.15602	0.0997355	0.865386	-1.15602		0.688791	0.917953	-1.08938	0.653886	1.08826	1.08826	0.972342	1.03035	1.03035	0.908287	0.920827	-1.00723	0.603134	1.11569	1.08156	1
cg22447508	MACROD2	0.559575	0.497124	0.59323	0.59323	0.80726	1.18422	1.18422	0.962798	0.96808	-1.03201	0.699338	0.769361	-1.29978	0.152351	0.354942	-2.81736		0.7231	1.2717	1.2717	0.222148	0.420274	-2.3794	0.212437	0.428252	2.42852	0.546835	1.50974	1.50974	0.908169	0.56521	0.642583	1
cg10774018	PIGH	0.559584	0.30516	1.2848	1.2848	0.257586	0.745456	1.34556	0.482157	1.24342	1.24342	0.61503	1.56356	1.56356	0.83	1.04462	1.04462		0.544962	1.27329	1.27329	0.183496	0.83282	1.23462	1.23462	?	?	?	0.908167	0.871245	0.77205	0.885643	1
cg06145708	CCDC15;CDC15	0.559589	0.625166	-1.90973	-1.10002	0.450003	0.16072	2.16072	0.643331	1.09448	1.09448	0.598316	1.10841	1.10841	0.909496	1.02226	1.02226		0.775429	1.05694	1.05694	0.0445989	0.63987	-1.56282	0.702987	0.928511	-1.07699	0.731567	0.935502	-1.06894	0.908146	0.539186	0.527752	1
cg26219488	ZFR	0.559605	0.24996	2.37358	2.87358	0.12239	4.3482	4.3482	0.311782	2.50596	2.50596	0.704085	0.71531	-1.39796	0.46875	0.523529	-1.91012		0.219937	3.10309	3.10309	0.81897	1.22295	1.22295	0.545738	1.71052	1.71052	0.847471	0.844459	-1.18419	0.908119	1.08855	1.05808	1
cg00928160	DNAJC2	0.559621	0.611838	1.08977	1.08977	0.918491	1.1171	1.1171	0.0843507	0.891782	1.08382	1.08382	0.316545	1.08382	0.0797009	0.740274	-1.35049		0.157522	0.893239	-1.11952	0.409401	1.11564	1.11564	0.677887	0.813608	-1.22909	0.857477	0.964797	-1.03649	0.908093	0.571508	0.559509	1
cg21145284	MORN1	0.559636	0.853126	1.04882	1.04882	0.672528	1.11554	1.11554	0.468262	0.827125	-1.20901	0.80232	1.06664	1.06664	0.234755	0.725924	-1.37755		0.241396	0.729505	-1.37079	0.139469	0.664309	-1.50532	0.935496	1.02104	1.02104	0.177753	0.691881	-1.44533	0.908069	0.951279	0.931186	1
cg04382416	ACOX3;ACOX3 CHAT;CHAT;CHAT;CHAT;CHAT;CHAT;C	0.559645	0.631072	0.899634	-1.11156	0.344169	1.23739	1.23739	0.832603	1.04734	1.04734	0.194819	1.34956	1.34956	0.232834	0.760729	-1.31453		0.92213	1.0216	1.0216	0.893154	0.971051	-1.02981	0.627854	0.898722	-1.11269	0.178781	0.731804

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg27312709	CHD5	0.560136	0.270381	1.33834	0.338404	0.686693	0.902153	-1.10846	0.0670285	1.68426	0.168426	0.306611	1.30838	0.362538	0.625225	0.882486	-1.13316	0.370649	1.26296	0.790684	1.06989	1.06989	0.603546	1.1423	1.1423	0.902665	0.969408	-1.03156	0.907256	0.360936	0.361578	1
cg27189448	GFA;VEGFA;VEGFA;VEGFA;VEGFA;VE GFA;VEGFA;VEGFA;VEGFA;VEGFA;VEGF A;VEGFA;VEGFA;VEGFA;VEG	0.560165	0.475032	2.04199	0.309304	2.81247	2.81247	0.893864	0.881976	-1.13382	0.44804	2.13811	2.13811	0.790194	1.29179	1.29179	0.585443	1.71827	0.057993	2.81637	0.58004	1.93469	0.193465	4.67972	4.67972	0.307209	0.157783	0.157783	13.59861	1
cg16075951	CBLN3;KHNYN	0.560169	0.421482	0.548229	-1.82472	0.473009	0.586145	-1.70606	0.770361	0.854192	1.22821	0.488077	0.567864	1.76098	0.241853	0.407901	-2.45122	0.444823	1.76843	1.76843	0.114471	0.513306	0.513306	0.893094	1.10342	1.10342	0.912606	1.08367	1.08367	0.907203	1.69672	7.54334	1
cg04077795	GRIN2A;GRIN2A;GRIN2A ;TYNH1;TYNH1;TYNH1;ACAD8;TYNH1;T YNH1	0.560196	0.430428	1.21954	1.21954	0.346954	0.78754	-1.26978	0.766308	0.929132	-1.07627	0.212616	0.723435	-1.38229	0.555137	1.15858	1.15858	0.95363	0.985761	-1.01444	0.761434	1.07799	1.07799	0.502203	0.845392	-1.18288	0.135477	1.48707	1.48707	0.907159	0.87382	0.856221	1
cg24828253	HYN1	0.560197	0.388245	0.777414	-1.28632	0.937893	1.02244	1.02244	0.895132	1.03826	0.737376	1.10057	1.10057	0.814133	0.935143	-1.06935	0.511672	1.20866	1.20866	0.586199	1.16941	1.16941	0.0472422	0.523923	-1.90868	0.729473	1.1039	1.1039	0.907158	1.16475	1.14129	1
cg13724780	MGAT1;MGAT1;MGAT1	0.560199	0.326106	0.591063	-1.69187	0.576912	1.33952	1.33952	0.513286	1.43035	1.43035	0.0722699	0.353327	-2.83024	0.859414	1.09631	1.09631	0.730852	1.19613	1.19613	?	?	0.704004	1.21892	1.21892	0.951494	0.968942	-1.03205	0.895362	3.39047	3.7867	1
cg15332159	SYN2	0.560208	0.79947	1.19559	1.19559	0.134806	2.35817	2.35817	0.332815	2.22621	1.97424	1.97424	0.27651	1.83331	1.83331	0.602217	1.50508	1.50508	0.158882	2.23895	2.23895	0.164481	2.21199	2.21199	0.491276	1.45382	1.45382	0.884898	0.925396	1.08062	0.907139	4.15222	4.03341	1
cg08075528	CSNK1G2	0.560214	0.324065	2.5595	2.5595	0.0700732	4.6808	4.6808	0.139384	4.34005	4.34005	0.480585	0.997981	1.93798	0.376639	2.3099	2.3099	0.665371	1.49414	1.49414	0.861379	0.851049	-1.17502	0.337085	2.49249	2.49249	0.578691	1.67804	1.67804	0.90713	12.234	11.988	1
cg19482245	RBMX;RBMX;RBMX;RBMX	0.560217	0.152722	0.137906	-7.25129	0.67146	0.575866	-1.73652	0.886446	1.20092	1.20092	0.173555	0.5143	6.5143	6.5143	0.435732	2.57925	2.57925	?	?	?	0.390092	0.320719	-3.11799	0.931059	1.11843	1.11843	0.925943	0.886687	-1.12779	0.895334	21.0914	23.557	1
cg19699200	IL29	0.560222	0.295757	0.530939	-1.88345	0.46042	0.644787	-1.5509	0.970222	0.778697	-1.2842	0.43538	1.59154	1.59154	0.286687	3.49121	-1.90796	0.208584	0.461128	-2.1686	0.369244	0.583639	-1.71339	0.397953	0.603281	-1.6576	0.335005	1.78704	1.78704	0.907116	4.89862	4.80019	1
cg11847710	DLX1	0.560237	0.272855	0.370302	-2.7005	0.0567961	0.153092	-6.53201	0.442294	0.505621	-1.97777	0.809048	1.2346	1.2346	0.317101	0.406463	-2.46025	0.596413	0.627988	-1.59259	0.907206	0.367908	-2.72018	0.372521	0.453148	-2.20678	0.505721	1.80007	1.80007	0.907092	10.8863	10.6678	1
cg04589021	MAP2K3;MAP2K3	0.560244	0.620946	0.645147	-1.54586	0.84979	1.33015	-1.24033	0.856493	1.16521	1.97271	1.97271	0.597894	1.60209	1.60209	0.162356	0.488189	0.550537	0.707139	1.62756	0.978854	0.218251	0.317674	-1.14788	0.635503	0.655214	-1.52622	0.775053	0.788575	0.907081	11.2637	11.0378	1
cg23934598	BCORL1	0.560244	0.206017	0.258106	-3.87438	0.52087	0.516481	-1.93618	0.97151	0.964388	-1.03693	0.123153	5.45054	5.45054	0.760424	1.36413	1.36413	0.376049	0.397588	-2.51516	0.281526	0.320993	-3.11533	0.888599	0.867359	-1.15293	0.956657	0.946312	-1.05673	0.90708	14.8092	14.5122	1
cg20376505	CARS2	0.560247	0.550843	0.903342	-1.11069	0.591456	1.09883	1.09883	0.465252	1.1801	1.13801	0.75899	0.947745	-1.05514	0.0400111	0.661748	-1.51115	0.760817	1.05454	1.05454	0.779515	0.952352	-1.05003	0.965057	0.979802	-1.02061	0.949351	1.01239	1.01239	0.907076	0.434708	0.429992	1
cg17071646	KIAA0913	0.560254	0.775618	0.857455	1.16628	0.687444	1.80409	-1.24315	0.891693	1.07609	1.07609	0.357381	1.01798	1.01798	0.816356	0.882332	-1.13255	0.384232	0.618714	-1.61626	0.0537121	1.2506	1.2506	0.380034	0.615953	-1.6235	0.675037	1.25471	1.25471	0.907064	4.16023	4.07687	1
cg12306086	TET2;TET2	0.56026	0.353269	2.09194	2.09194	0.325734	2.19052	2.19052	0.947336	0.950234	-1.05237	0.422771	1.88277	1.88277	0.866701	0.878253	-1.13862	0.583124	1.53789	1.53789	0.127845	3.56855	3.56855	0.0774077	4.5586	4.5586	0.552095	1.5918	1.5918	0.907054	8.57879	8.40698	1
cg03489456	SPTBN5	0.560253	0.300222	0.418956	-2.43371	0.880992	1.13215	1.13215	0.200748	3.0636	3.0636	0.337794	0.440934	-2.26997	0.598338	0.574003	1.74215	0.178847	0.306292	-3.26466	0.313919	0.422646	-2.36997	0.753942	0.907557	-1.29759	0.493913	0.562386	-1.77814	0.907053	9.86075	9.66328	1
cg03813294	NHS	0.560264	?	?	?	0.400746	0.184128	5.431	0.590447	0.344172	-2.90552	0.397743	5.4933	5.4933	0.537044	0.293575	-3.41326	0.209949	0.073454	-13.6138	?	?	?	?	?	?	?	?	?	0.847683	27.8602	46.3408	1
cg17810691	MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.560274	0.94317	0.880819	-1.01956	0.940413	0.987818	-1.01233	0.700246	1.1086	1.1086	0.878506	1.04243	1.04243	0.119489	0.631945	-1.58242	0.938319	0.979135	-1.02131	0.0748718	1.03183	1.03183	0.702717	1.10979	1.10979	0.907032	1.06018	1.03807	1
cg10717754	UBA1	0.560281	0.338547	0.641216	-1.55954	0.0432253	0.350803	-2.8506	0.996532	1.00196	1.00196	0.954853	0.974819	-1.02583	0.985203	1.00839	1.00839	0.668928	0.823843	-1.21382	0.90642	1.0544	1.0544	0.441208	1.42444	1.42444	0.783059	1.13239	1.13239	0.907021	2.9149	2.85663	1
cg16932782	HCG9	0.560283	0.339855	0.909706	-1.09926	0.703844	0.963925	-1.03743	0.273087	1.11598	1.11598	0.64874	0.95684	-1.04511	0.958235	1.00505	1.00505	0.789555	0.974595	-1.02607	0.10969	0.845555	-1.18265	0.868555	1.11226	1.11226	0.848855	1.01903	1.01903	0.907018	0.132949	0.130291	1
cg19952089	TOLLIP	0.560289	0.321235	1.28955	1.28955	0.259422	1.63116	1.63116	0.254955	1.353	1.353	0.191524	1.44928	1.44928	0.816891	1.06081	1.06081	0.304648	1.3125	1.3125	0.307096	1.40386	1.40386	0.310926	1.05999	1.05999	0.672684	1.11469	1.11469	0.907008	0.937913	0.919177	1
cg21606607	RNF213;RNF213	0.560292	0.843265	1.24127	1.24127	0.697704	0.65301	-1.53137	0.801203	1.31714	1.31714	0.576291	0.539892	-1.85222	0.922834	1.11161	1.11161	0.960123	1.05611	1.05611	0.347275	2.87668	2.87668	0.0757391	0.115535	-8.6554	0.245843	3.76283	3.76283	0.907002	17.1236	16.7816	1
cg13366537	SCRN1;SCRN1;SCRN1;SCRN1	0.560296	0.622909	1.1325	1.1325	0.686924	1.62454	1.62454	0.537667	1.15182	1.15182	0.357896	1.28142	1.28142	0.802002	1.03381	1.0358	0.937456	1.0199	1.0199	0.937906	1.09353	1.09353	-1.25792	0.898652	1.07288	1.07288	0.906566	-1.05256	0.341791	0.781968	-1.27883	0.906996	0.90561	0.887531	1
cg08185925	TMEM65	0.560304	0.266574	0.7739	-1.29216	0.501015	1.16327	1.16327	0.456911	1.18265	1.18265	0.438615	0.839516	-1.19116	0.108723	0.67844	1.47397	0.711592	0.921061	-1.0851	0.310624	0.795939	-1.25638	0.429544	0.835259	-1.19723	0.514985	0.865379	-1.15556	0.906983	0.704303	0.690252	1
cg08891382	VCAN;VCAN;VCAN;VCAN	0.56031	0.235289	0.333033	-3.00271	0.100761	0.204146	-4.89846	0.20713	0.308528	-3.2412	0.830809	0.827675	-1.2082	0.137302	0.243008	-4.11508	0.498695	0.544934	-1.83509	0.293728	0.381853	-2.61881	0.491165	0.53896	-1.85543	0.693265	0.704397	-1.41965	0.906973	11.2235	10.9997	1
cg08042670	HSBP1L1	0.560313	0.797111	1.09509	-1.09509	-3.91007	0.388064	2.57571	2.57571	-1.05311	0.441228	0.200748	3.0636	3.0636	0.337794	0.440934	-2.26997	0.598338	0.574003	1.74215	0.178847	0.306292	-3.26466	0.313919	0.422646	-2.36997	0.753942	0.907557	-1.29759	0.493913	0.562386	-1.77814	0.907053	9.86075	9.66328	1
cg12025938	TMEM19;TMEM19	0.560314	0.87611	1.02809	1.02809	0.27269	1.22479	1.22479	0.134118	1.33579	1.33579	0.973313	0.994076	-1.00596	0.90997	0.98011	-1.02029	0.166541	0.769524	-1.29951	0.992258	0.998278	-1.00172	0.434469	1.15216	1.15216	0.472461	1.1386	1.1386	0.906966	0.453134	0.444102	1
cg14994919	RNF25;STK36	0.560317	0.862589	0.885319	-1.01956	0.940413	0.987818	-1.01233	0.700246	1.27844	1.27844	0.161663	0.822378	-1.21634	0.0497403	0.521861	1.91755	0.638253	0.788018	0.853514	-1.17975	0.829355	1.20579	0.248027	0.748304	1.33657	0.0602118	1.33657	1.33657	0.906018	1.03807	1.03813	1
cg15795819	ADAM3A;ADAM3A;ADAM3A	0.560323	0.272066	0.707057	-1.41431	0.463604	0.797563	-1.25382	0.810775	0.929854	-1.07544	0.783738	0.919969	-1.08699	0.0569507	0.520391	1.92163	0.532684	1.2112	1.2112	0.518283	1.21966	1.21966	0.653711	0.872042	-1.14673	0.996671	1.00127	1.00127	0.906953	1.32055	1.29425	1
cg10341152	RFX4	0.560327	0.440683	1.56013	1.56013	0.370379	1.68255	1.68255	0.202734	2.11966	2.11966	0.25642	0.511679	-1.95435	0.334911	1.75505	1.75505	0.389075	0.606969	-1.64753	0.745158	0.831538	-1.20259	0.814873	1.14187	1.14187	0.410139	1.61034	1.61034	0.906945	4.59578	4.50428	1
cg14972244	CLU;CLU;CLU	0.560328	0.935039	1.06914	1.06914	0.0954427	0.938747	-1.06537	-2.94337	0.642396	1.31733	1.31733	0.788018	0.853514	-1.17175	0.828551	-1.13308	0.206807	0.45634	-2.19135	0.194417	0.445274	-2.24581	0.380555	0.592663	-1.6873	0.229168	0.526621	-1.8988	0.905944	0.98494	0.898013	1
cg16636756	ITPR1P	0.560352	0.553494	0.634164	-1.57688	0.106111	0.261581	-3.82291	0.125266	0.283429	-3.52822	0.557831	0.637397	-1.56888	0.928241	1.07084	1.07084	0.744787	0.780211	-1.2817	0.427198	1.85149	1.85149	0.760325	1.26173	1.26173	0.747749	1.27786	1.27786	0.906904	8.29288	8.12814	1
cg12851155	FLJ44817	0.560353	0.59369	1.11825	1.11825	0.552351	1.28751	1.28751	0.463264	1.15469	1.15469	0.487535	1.14501	1.14501	0.647975	1.14363	1.14363	0.525522	1.1347	1.1347	0.199581	1.39738	1.39738	0.0892477	1.00292	1.00292	0.908404	0.529443	0.518866	0.906923	0.528443	0.518866	1
cg06127931	PLCXD2;PLCXD2	0.560364	0.80668	1.15983	1.15983	0.934465	0.328836	-3.04103	0.894063	1.08194	1.08194	0.790464	0.794162	-1.25919	0.970506	1.01831	1.01831	0.47086	1.55834	1.55834	0.431772	1.62457	1.62457	0.709858	1.2536	1.2536	0.172613	2.40572	2.40572	0.906885	1.25335	5.14911	1
cg13165009	C17orf102	0.56037	0.655718	0.820698	-1.21848	0.341472	0.649445	-1.53978	0.347666	0.653245	-1.53082	0.397674	0.682938	-1.46426	0.353366	0.657927	-1.51993	0.818017	1.10682	1.10682	0.5078	1.34429	1.34429	0.109219	0.463426	-2.15784	0.193444	0.545543	-1.83304	0.906875	2.78514	2.7299	1
cg18057185	NME6	0.560374	0.295239	1.16569	1.16569	0.232124	1.27151	1.27151	0.267553	1.14361	1.14361	0.464224	0.997981	1.00201	0.998703	0.984363	1.01638	0.397456	0.875575	1.14241	0.463	1.14241	0.463	0.0292102	0.908869	1.10054	1.10054	0.908869	1.10054	0.908869	0.908869	0.908869	0.908869	0.908869	0.908869	1
cg10223401	RP3;RP3	0.560392	0.23864	1.22992	1.22992	0.474431	1.12973	1.12973	0.657329	0.927871	-1.07774	0.755696	1.04907	1.04907	0.0784706	0.794162	-1.25919	0.970506	1.01831	1.01831	0.47086	1.55834	1.55834	0.431772	1.62457	1.62457	0.709858	1.2536	1.2536	0.172613	2.40572	2.40572	0.906885	1.25335	5.14911	1
cg16130707	RPS6KA2	0.560394	0.95064	1.04211	1.04211	0.857202	0.960268	-1.07288	0.846579	0.944215	-1.05926	0.775676	1.03515	1.03515	0.881473	0.945488	-1.06106	0.304648	1.3125	1.3125	0.307096	1.40386	1.40386	0.310926	1.05999	1.05999	0.672684	1.11469	1.11469	0.907008	0.937913	0.919177	1
cg24908499	DLX2;DLX2	0.560413	0.220546	0.849273	-1.17748	0.967855	0.994901	-1.00512	0.45388	0.90776	-1.10161	0.313424	0.87612	-1.1414	0.851387	0.976491	-1.02408	0.300144	1.14591	1.14591	0.725467	0.956264	-1.04574	0.808017	1.03136	1.03136	0.161125	1.20906	1.20906	0.906805	0.231079	0.226513	1
cg18057185	NME6	0.560415	0.295239	1.16569	1.16569	0.232124	1.27151	1.27151	0.267553	1.14361	1.14361	0.464224	0.997981	1.00201	0.998703	0.984363	1.01638	0.397456	0.875575	1.14241	0.463	1.14241	0.463	0.0292102	0.908869	1.10054	1.10054	0.908869	1.10054	0.908869	0.908869	0.908869	0.908869	0.908869	0.908869	1
cg10223401	RP3;RP3	0.560432	0.23864	1.22992	1.22992	0.474431	1.12973	1.12973	0.657329	0.927871	-1.07774	0.755696	1.04907	1.04907	0.0784706	0.794162	-1.25919	0.970506	1.01831	1.01831	0.47086	1.55834	1.55834	0.431772	1.62457	1.62457	0.709858	1.2536	1.2536	0.172613	2.40572	2.40572	0.906885	1.25335	5.14911	1
cg16130707	RPS6KA2	0.560394	0.95064	1.04211	1.04211	0.857202	0.960268	-1.07288	0.846579	0.944215	-1.05926	0.775676	1.03515	1.03515	0.881473	0.945488	-1.06106	0.304648	1.3125	1.3125	0.307096	1.40386	1.40386	0.310926	1.05999	1.05999	0.672684	1.11469	1.11469	0.907008	0.937913	0.919177	1
cg16130707	HGF2;GF2AS;IGF2;IGF2;IGF2AS;IGF2	0.560447	0.820888	0.854123	-1.17079	0.406287	0.553917	-1.80533	0.326914	2.0213	2.0213	0.81784	0.847153	-1.18042	0.856616	1.13401	1.13401	0.398637	0.548328	-1.82373	0.104943	0.291697	-3.42822	0.625848	1.4073	1.4073	0.337964	1.98744	1.98744	0.906747	0.94339	0.80665	1
cg08108931	GRIB1	0.560456	0.788027	1.06241	1.06241	0.622871	1.45671	1.45671	0.456143	0.576805	1.13431	1.13431	0.647589	1.09951	1.09951	0.498287	1.22334	1.22334	0.0962442	1.16713	1.16713	0.127242	1.44883	1.44883	0.362316	1.24428	1.24428	0.352642	0.806533	-1.23988	0.906596	0.979848	-1.02685	0.906736	0.725755	0.711451	1
cg19722814	SERPINE1;SERPINE1	0.560465	0.183484	0.251686	-3.97107	0.0441855	0.328524	-3.04392	0.357855	0.607276	1.64662	0.663598	2.75029	0.153222	0.224217	0.45997	-2.23621	0.280532	-3.49001	0.300003	0.350024	-2.85695	0.155973	0.226769	-4.40978	0.350742	0.301055	-2.55719	0.517827	0.526795	-1.89827	0.906721	13.7236	13.4537	1
cg02433807	C1EC16A	0.560467	0.863663	0.904012	-1.10618	0.0495055	0.37619	0.319843	2.24159	2.24159	0.976608	0.982932	-1.01736	0.834207	0.883298	-1.13212	0.227403	0.692035	-1.44501	0.684221	1.27136	1.27136	0.320264	1.82763	1.82763	0.745607	1.21063	1.21063	0.960011	1.02988	1.02988	0.906718	4.95083	4.85348	1
cg05045933	PCLAP94;PCJP;	0.560476	0.848201	1.195	1.195	0.754552	1.54684	1.54684	0.375906	1.47856	1.47856	0.344258	0.941417	-1.06223	0.933582	1.07141	1.07141	0.885451	1.28476	1.28476	0.141111	0.933584	1.07114	1.07114	0.999302	0.999197	-1.00081	0.554879	0.707217	0.707327	0.906718	0.4254	0.421813	1
cg05349204	UBE2F	0.560482	0.10898	0.6401	-1.56226	0.264468	0.743152	-1.34562	0.230696	0.725482	-1.37839	0.61289	0.877902	-1.13908	0.697758	0.905195	-1.10473	0.764127	1.08078	1.08078	0.54032	1.17143	1.17143	0.432647	1.22677	1.22677	0.6942	0.904067	-1.10611	0.906693	0.934455	0.917086	1
cg12690313	MIR4496;DNAJB6	0.560489	0.409576	0.863852	-1.15761	0.203137	1.26255	1.26255	0.649072	1.08275	1.08275	0.888147	0.975874	-1.02472	0.642295	1.09497	1.09497	0.304611	0.831527	-1.20261	0.35834	0.848837	-1.17811	0.508149	1.12355	1.12355	0.243447	1.23596	1.23596	0.906606	0.432432	0.423954	1
cg12709057	AA;PSMD10	0.560512	0.148213	0.0283689	-35.2499	0.62427	0.330135	-3.02907	0.965895	0.918985	-1.08816	0.359159	8.43156	8.43156	0.384695	7.48772	7.48772	?	?	?	0.362235	8.30895	8.30895	0.847618	1.53857	1.53857	0.507344	0.2201111	-4.54316	0.912954	61.3439	50.3945	1
cg14009023	ASTN2;ASTN2;ASTN2	0.560524	0.70667	-1.025	1.025	0.914379	0.565921	-1.76703	0.779451	0.899479	-1.11175	0.747828	0.763494	-1.30977	0.0993337	0.710437	1.40837	0.968196	0.985373	-1.01484	0.917218	0.914672	0.0735714	-1.35922	0.123613	1.58218	1.58218	0.906625	0.736109	0.732282	1.58218	1.58218	0.906625	0.736109	0.732282	1
cg18442453	2DHHC19	0.560527	0.346883	0.754724	-1.32499	0.767259	0.917388	-1.09005	0.139934	1.58628	1.58628	0.695568	0.892035	-1.12103	0.227423	0.692035	-1.44501	0.293035	0.728403	-1.37287	0.751043	1.09688	1.09688	0.713802	0.898513	-1.11295	0.553507	1.19021	1.19021	0.906621	1.21191	1.18821	1
cg04649499	DAAM2	0.560538	0.3541	1.19213	1.19213	0.3175	1.40582	1.40582	0.170529	1.78911	1.78911	0.130054	0.702527	1.42313	0.76262	0.672988	1.48651	0.247216	0.672988	1.48651	0.131376	0.647875	1.54318	0.0729769	0.647875	1.54318	0.0729769	0.647875	1.54318	0.0729769	0.647875	1.54318	0.0729769	0.647875	1.54318	0.0729769	1
cg25408707	IGF2R LOC339524;LOC339524;LOC339524;LOC 339524;LOC339524	0.560544	0.546719	1.2009	1.2009	0.913261	0.967824	-1.03125	0.38154	0.763844	-1.30917	0.379519	0.762924	-1.31075	0.435815	0.787698	1.26952	0.805633	1.04018	1.04018	0.153742	0.632285	-1.58156	0.208912	1.48823	1.48823	0.58468	1.18018	1.18018	0.906593	1.29363	1.26837	1
cg20390741	C339524;LOC339524	0.560553	0.336524	1.1749	1.1749	0.732041	0.945627	-1.0575	0.22461	1.23058	1.23058	0.582752	0.913666	-1.09449	0.302134	1.18991	1.18991	0.289687	0.836309	-1.19573	0.572364	1.09724	1.09724	0.82374	0.964364	-1.03695	0.225008	1.23033	1.23033	0.906578	0.379882	0.372469	1
cg02726524	ADARB2	0.560553	0.736853	1.08423	1.08423	0.248157	1.33576	1.33576	0.227339	1.35514	1.35514	0.834228	0.950988	-1.01514	0.696882	1.09842	1.09842	0.469242	1.19311	1.19311	0.0507558	1.70528	1.70528	0.89833	0.969812	-1.03113	0.808122	1.06008	1.06008	0.906578	0.825631	0.809521	1
cg04731954	CDK4A2	0.560557	0.624654	1.77706	1.77706	0.674488	2.17824	2.17824	0.783955	0.868643	-1.15122	0.626883	1.38539	1.38539	0.0100308	0.307697	3.25097	0.839278	0.898684	-1.11274	0.904439	1.9846	1.9846	0.0277153	2.56945	2.56945	0.0178578	2.56945	2.56945	0.1308213	0.630571	0.587958	0.906578	0.69832	0.69832	1
cg16142265	DUSP12	0.560568	0.360372	1.96657	1.96657	0.893703	1.10285	1.10285	0.70308	1.32763	1.32763	0.399161	0.662162	2.06162	0.280955	2.2828	2.2828	0.157158	1.32650	1.32650	1.06277	0.273742	2.31416	2.31416	0.594502	0.674385	-1.48283	0.928974	1.06746	1.06746	0.91416	1.59857	6.46495	1
cg12699327	LOC153228	0.560573	0.246175	1.48865	1.48865	0.670628	1.15067	1.15067	0.515266	1.24165	1.24165	0.625942	2.06087	2.06087	0.599891	1.18963	1.18963	0.671249	0.869308	-1.15034	0.963191	1.01525	1.01525	0.36442	1.35764	1.35764	0.323247	1.39754	1.39754	0.906547	1.54521	1.51511	1
cg03941454	CDA4A2	0.560574	0.792255	1.07994	1.07994	0.826186	1.12823	1.12823	0.581779	1.13111	1.13111	0.310008	0.780637	1.08471	1.08471	0.0405545	2.28132	2.22357	1.14535	1.14535	0.405545	1.28132	1.28132	0.134833	1.54491	1.54491	0.0944488	1.54491	1.54491	0.0944488	1.54491	1.54491	0.0944488	1.54491	1.54491	0.0944488	1
cg13387071	CCNC;CCNC	0.560575	0.34499	1.11901	1.11901	0.717229	0.958826	-1.04294	0.451771	0.915187	-1.09267	0.858355	0.982086	-1.01824	0.155617	1.19201	1.19201	0.900127	0.98559	-1.01462	0.126967	1.21025	1.21025	0.995613

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 121T vs. N)	p-value(123T vs. N)	Fold-Change(1-vs-123T 23T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 53T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 37T vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-5637 637 vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg00267667	KDM5A	0.561182	0.985912	1.03226	0.153226	1.15778211	1.16297	1.16297	0.310476	1.3255	1.3255	0.4070335	1.25577	1.25577	0.2029597	1.43507	1.43507	0.507547	1.19785	1.197855	0.319969	1.13778	1.13778	0.2015549	1.6469	1.6469	0.4808353	0.82497	2.121217	0.3056687	1.03424	1.03506	1
cg00159389	PRKAB2	0.56111	0.14595	0.794787	-1.2582	0.5317701	1.09769	1.09769	0.759057	1.04631	1.04631	0.637857	1.07225	1.07225	0.9355559	1.01197	1.01197	0.791651	1.03972	1.03972	0.800479	1.03796	1.03796	0.907723	1.01721	1.01721	0.0746689	1.33931	1.33931	0.0570653	0.310544	0.304789	1
cg18444763	GPR39	0.561118	0.340074	0.665986	-1.50153	0.8909729	1.05847	1.05847	0.514421	1.31434	1.31434	0.505577	1.32217	1.32217	0.28287	0.630453	-1.58616	0.951232	0.975031	-1.02561	0.242195	0.603409	-1.65725	0.110911	0.487707	-2.05041	0.98361	0.991544	-1.00853	0.9056661	2.45161	2.40621	1
cg18397653	DMP1;DMP1	0.561122	0.754483	1.1334	1.1334	0.744648	0.877701	-1.13934	0.736783	1.14414	1.14414	0.920827	0.961095	-1.04048	0.8543888	1.07608	1.07608	0.650698	0.833649	-1.19955	0.0507285	0.411259	-2.43156	0.92672	1.0374	1.0374	0.1743775	0.561747	-1.78016	0.9056555	2.28518	2.24288	1
cg20640968	NAA30	0.561132	0.338372	0.752798	-1.32838	0.934832	0.976745	-1.02381	0.854737	0.946836	-1.05415	0.3631	0.764189	-1.30858	0.0161301	0.49594	-2.01637	0.991243	0.99648	-1.00316	0.46435	0.807125	-1.23896	0.670694	0.884209	-1.13095	0.373594	0.768896	-1.30057	0.958637	1.18743	1.16547	1
cg21624641	C14orf143	0.561135	0.153436	0.41082	-2.43891	0.5609924	1.39783	1.39783	0.413062	1.62921	1.62921	0.55687	1.707037	1.70704	0.4124101	1.02938	1.02938	0.444151	0.634435	-1.57621	0.957455	0.969363	-1.03161	0.646423	0.763829	-1.30919	0.746863	1.827869	-1.20792	0.905632	4.87866	4.78944	1
cg10931739	PRR3;GNL1;PRR3;GNL1	0.561142	0.353784	0.715795	-1.39705	0.6694634	1.16241	1.16241	0.918181	1.03667	1.03667	0.139659	1.74551	1.74551	0.4382431	1.31931	1.31931	0.456065	1.30479	1.30479	0.16237	1.68669	1.68669	0.532053	1.24835	1.24835	0.5261862	0.798444	-1.25244	0.9056222	1.76171	1.72916	1
cg04740813	PAMR1;PAMR1;PAMR1;PAMR1	0.561146	0.459413	0.754136	-1.32602	0.900559	1.65982	1.65982	0.765391	1.11863	1.11863	0.36456	0.705375	-1.41769	0.5312154	1.2667	1.2667	0.737091	0.710345	-1.40777	0.195097	0.598474	-1.67092	0.502629	0.963353	-1.03804	0.493908	1.29725	1.297225	0.9056166	2.01275	1.97558	1
cg25024354	MTPN;MTPN;LUZP6;LUZP6	0.561162	0.445906	0.892491	-1.12042	0.840511	1.02877	1.02877	0.433873	0.98564	-1.0144	0.704741	0.945797	-1.05731	0.5405541	1.02903	1.02903	0.196405	1.22135	1.221351	0.125071	0.784243	-1.27511	0.490842	1.10787	1.10787	0.989692	1.00189	1.001889	0.9058985	0.30733	0.301663	1
cg26733045	SCUBE2;SCUBE2	0.561169	0.200999	0.308848	-3.23784	0.4454665	1.96727	1.96727	0.495732	1.82533	1.82533	0.668423	0.687391	-1.45478	0.143576	0.2548111	-3.92448	0.471972	0.529141	-1.88985	0.745865	0.753587	-1.32699	0.213974	0.320359	-3.1215	0.958166	0.99539	-1.04669	0.9055777	10.855	10.655	1
cg13228862	DUSAP1;DUSAP1	0.561176	0.870205	1.05024	1.05024	0.951664	1.59782	1.59782	0.103308	0.84578	0.80137	-1.24786	0.450526	1.25915	0.3759195	1.23093	1.23093	0.339533	1.34319	1.34319	0.070931	1.83078	1.83078	0.873507	0.953368	1.04891	0.406036	0.775084	1.29018	1.905566	1.28845	1.26473	1
cg26190455	PRPS2;PRPS2	0.561181	0.203088	0.231048	-4.3281	0.851578	1.22661	1.22661	0.612179	1.74629	1.74629	0.2821555	1.83687	1.83687	0.222527	1.11232	1.11232	0.382991	1.382071	2.61732	0.661066	0.618098	-1.61787	0.767289	0.723539	-1.3821	0.918765	1.117657	1.11767	0.9055558	17.0543	16.7404	1
cg22112841	C6orf27	0.561191	0.600815	0.777361	-1.2866	0.909613	0.944952	-1.05825	0.466228	1.44863	1.44863	0.567596	1.31756	1.31756	0.0625571	0.367723	-2.71944	0.353827	0.633587	-1.57831	0.94956	0.970254	-1.03056	0.550017	1.13467	1.13467	0.745644	1.16809	1.168089	0.9056541	3.26774	3.20765	1
cg23038871	AMOTL1	0.561201	0.314421	0.91536	-1.91536	0.739995	1.23011	1.23011	0.317917	1.90573	1.90573	0.508344	0.658396	-1.51884	?	?	?	0.601857	1.38764	1.38764	0.1561545	2.55645	2.55645	0.496316	0.603137	-1.53773	?	?	0.886339	-1.12854	0.905808	1
cg17724789	PBX1	0.561213	0.55609	1.22241	1.22241	0.909645	1.03904	1.03904	0.649031	1.16713	1.16713	0.513287	0.799616	-1.2506	0.503141	1.25762	1.25762	0.32505	1.40886	1.408886	0.043729	1.28572	1.28572	0.482442	1.27226	1.27226	0.526499	1.24168	1.241168	0.9055506	1.63166	1.60172	1
cg15781316	SHFM1	0.561221	0.768689	1.09822	1.09822	0.243969	0.87914	-1.47294	0.455832	1.27289	1.27289	0.909938	0.964691	-1.0366	0.502635	1.24126	1.24126	0.154883	0.615258	-1.62539	0.171283	0.629554	-1.58843	0.631445	0.857666	-1.16595	0.573906	0.884855	-1.19781	0.905493	1.44734	1.428	1
cg12383491	MND1	0.561227	0.37279	0.875012	-1.14284	0.810585	1.03564	1.03564	0.57593	0.920846	-1.08596	0.904693	0.982673	-1.01763	0.962252	1.00693	1.00693	0.859537	1.31903	1.31903	0.173455	0.809494	-1.23534	0.991045	1.00164	1.00164	0.910558	0.983738	-1.01653	0.9054884	0.305372	0.299775	1
cg11302941	CRTAC1	0.561237	0.358332	0.678592	-1.47364	0.679114	0.649861	-1.1802	0.843344	1.08451	1.08451	0.704724	0.885317	-1.13016	0.309527	1.53986	1.53986	0.596235	0.802034	-1.24645	0.163811	0.545983	-1.84032	0.126181	0.507016	-1.97232	0.71394	1.15032	1.150322	0.9054667	2.41646	2.37222	1
cg25319656	PTPN2;PTPN2;PTPN2	0.561245	0.519961	0.736393	-1.35797	0.324022	0.620111	-1.61261	0.913973	0.968817	0.902586	0.966884	0.964464	0.961824	0.0166305	0.952644	-1.05026	0.895495	0.940206	-1.0636	0.301528	1.01308	1.01308	0.165308	1.63048	1.63048	0.955246	0.972867	-1.02789	0.8888167	0.414534	-2.41235	0.905455	3.15643	3.09868	1
cg23694616	NDST3	0.561267	0.580161	0.833892	-1.1992	0.229692	1.50646	1.50646	0.09341221	1.82201	1.82201	0.358496	0.735663	-1.35932	0.836814	1.06915	1.06915	0.97349	1.01086	1.01086	0.343807	1.37308	1.37308	0.870874	0.948485	-1.05431	0.649458	1.16041	1.16041	0.9054418	1.51576	1.48809	1
cg13604794	DLX4;DLX4;DLX4	0.561268	0.270457	0.59284	-1.68683	0.642761	0.638726	-1.5656	0.497249	0.673838	-1.48404	0.381665	0.58719	-1.70353	0.493878	0.69371	-1.44905	0.596235	0.802034	-1.24645	0.163811	0.545983	-1.84032	0.126181	0.507016	-1.97232	0.71394	1.15032	1.150322	0.9054667	2.41646	2.37222	1
cg18383124	SLC16A1;SLC16A1	0.561299	0.818159	0.935046	-1.06947	0.617917	0.863596	-1.15795	0.75581	1.09524	1.09524	0.840125	0.942797	-1.06067	0.58971	1.17206	1.17206	0.453987	0.800558	-1.24891	0.0391371	2.00604	2.00604	0.840695	1.06045	1.06045	0.849037	1.05714	1.057141	0.9055367	2.21944	2.19724	1
cg00311753	TREM1	0.561301	0.965567	1.08571	1.08571	0.446439	0.90337	-1.10537	0.603488	1.13025	1.13025	0.760804	0.883388	1.08816	0.0882602	1.15706	1.15706	0.802339	1.15706	1.157056	0.0625271	0.367723	-2.71944	0.353827	0.633587	-1.57831	0.94956	0.970254	-1.03056	0.550017	1.13467	1.13467	0.745644	1.16809	1.168089	0.9055541	3.26774	3.20765	1
cg09194449	PTPRN2;PTPN2;PTPRN2	0.561318	0.506674	0.711375	-1.40573	0.170104	0.477787	-2.09298	0.193077	2.00619	2.00619	0.741744	1.18195	1.18195	0.486462	0.699463	1.42967	0.636062	1.27246	1.27246	0.25661	0.549616	-1.81945	0.462882	0.685417	-1.45897	0.886503	0.930353	-1.07486	0.905336	3.66371	3.59715	1
cg05412141	KLF6;KLF6;KLF6;KLF6	0.561318	0.13016	1.658	1.658	0.808516	0.927657	-1.07798	0.942527	1.00255	1.00255	0.528158	0.581625	-1.71932	0.980502	0.992478	-1.00758	0.748542	1.10459	1.10459	0.324791	1.36957	1.36957	0.867129	1.05315	1.05315	0.933839	1.02601	1.026011	0.905335	1.37164	1.34673	1
cg16230060	RNU5E;RNU5D;CKMT2;CKMT2;CKMT2	0.56132	0.471858	1.38181	1.38181	0.6633741	2.515759	2.515759	0.693087	1.19159	1.19159	0.941496	1.03297	1.03297	0.682759	1.19912	1.19912	0.704436	1.18342	1.18342	0.22155	1.76437	1.76437	0.128888	2.06508	2.06508	0.876784	1.07097	1.070997	0.9055332	2.79992	2.74907	1
cg00657802	TMD21	0.561324	0.287624	0.702865	-1.4233	0.6004574	0.32887	-3.0407	0.188921	0.59107	-1.69183	0.194311	0.337613	-2.96153	0.1330774	0.4788865	-2.08803	0.274069	0.695259	-1.43841	0.133712	0.272294	-3.67496	0.0187464	0.1033249	0.1033249	0.0053124	0.12084	0.120844	0.0053526	0.4634	0.443585	1
cg11111214	TTN;TTN;TTN;TTN	0.561339	0.22517	0.74045	1.74045	0.582189	0.785277	-1.27344	0.967097	0.452502	-2.2094	0.549041	1.30179	1.30179	0.932622	1.03747	1.03747	0.51797	-1.32991	0.565168	1.2878	1.2878	0.403482	1.36257	1.36257	0.785335	0.888017	-1.1261	0.905302	2.71314	2.66395	1
cg11489918	AHNAK;AHNAK	0.561343	0.113142	0.311999	-3.20514	0.5646404	0.674771	-1.48198	0.377765	0.542605	-1.84296	0.239915	0.29626	2.29626	0.239981	0.435545	-2.29597	0.84108	0.602915	-1.65861	0.841891	0.873745	-1.1445	0.765395	0.816963	-1.22405	0.835256	1.15106	1.151106	0.9052395	6.54328	6.4247	1
cg18712792	RNASE1;RNASE1;RNASE1;RNASE1	0.561355	0.25096	0.450699	-2.22152	0.2474701	0.63875	-1.56526	0.407249	0.673838	-1.48404	0.381665	0.58719	-1.70353	0.493878	0.69371	-1.44905	0.885528	0.9882	-1.0119	0.97538	1.23129	1.23129	0.531192	0.660231	-1.51458	0.642231	1.63199	1.631991	0.9052483	0.1414	0.03018	1
ch.7.37233358	PAXIP1	0.561355	0.199487	0.597268	-1.67429	0.270566	0.646523	-1.54673	0.431555	0.73697	-1.35691	0.726555	0.87504	-1.14281	0.277592	0.650966	-1.53618	0.368218	0.703702	-1.42106	0.0755484	0.471352	-2.12155	0.283972	0.654946	-1.52684	0.321502	0.677456	-1.47611	0.905276	2.02756	2.03505	1
cg11828251	SLC6A17	0.561357	0.965567	1.08571	1.08571	0.446439	0.90337	-1.10537	0.603488	1.13025	1.13025	0.760804	0.883388	1.08816	0.0882602	1.15706	1.15706	0.802339	1.15706	1.157056	0.0625271	0.367723	-2.71944	0.353827	0.633587	-1.57831	0.94956	0.970254	-1.03056	0.550017	1.13467	1.13467	0.745644	1.16809	1.168089	0.9055541	3.26774	3.20765	1
cg21637776	ACTN3	0.561377	0.683453	1.13279	1.13279	0.117917	1.67595	1.67595	0.806491	0.928077	-1.0775	0.802378	0.926568	-1.07925	0.343761	0.743327	1.3453	0.496387	1.23373	1.23373	0.602124	1.17348	1.17348	0.793475	1.08307	1.08307	0.185732	1.652629	-1.53227	0.9052411	1.32615	1.30219	1
cg19194405	DDC;DDC	0.561382	0.592772	0.8213	-1.21758	0.847615	2.28177	2.28177	0.840557	1.07622	1.07622	0.36548	0.712427	-1.40365	0.691139	0.864478	-1.15677	0.895978	0.953419	-1.04886	0.671681	1.1682	1.1682	0.901901	0.956028	-1.04599	0.652142	0.847487	-1.17996	0.9052333	1.90654	1.87212	1
cg20949258	C14or184;C14orf1B4	0.561382	0.453434	0.5837	-1.71402	0.2445441	0.71249	-1.7378	0.416268	0.557222	-1.79462	0.772939	1.11299	1.11299	0.674756	0.898302	-1.11331	0.929516	1.10328	1.10328	0.986003	0.93953	-1.06551	0.634186	1.19402	1.19402	0.745269	1.19349	1.19349	0.8253386	0.921492	1.08512	0.9052231	1.56298	1.53292	1
cg03731673	SYNGAP1	0.561383	0.306545	0.587748	-1.70141	0.252426	0.548712	-1.82245	0.183333	0.492252	-2.03148	0.392204	0.643986	-1.55283	0.246988	0.544581	-1.83627	0.569677	0.749414	-1.33438	0.398749	0.648084	-1.54301	0.757547	1.16819	1.16819	0.357333	1.60842	1.608424	0.90523	0.3583	3.5483	1
cg08837111	SLC35C2;SLC35C2;SLC35C2	0.561405	0.885217	1.04337	1.04337	0.6683839	0.95989	-1.29589	0.511387	1.01302	1.01302	0.981208	1.16699	1.16699	0.2010302	0.859146	-1.16425	0.645709	1.10335	1.10335	0.476731	1.12721	1.12721	0.567482	1.01026	1.01026	0.808391	0.906704	1.10029	0.9053795	2.34473	2.32267	1
cg26206608	PAR92;PAR92;RPP21	0.561406	0.807513	0.93528	-1.06992	0.686452	1.11766	1.11766	0.844124	0.947460	-1.05544	0.747585	0.915295	-1.09254	0.549512	0.845753	-1.18238	0.141153	0.64804	-1.54312	0.100319	0.61049	-1.63803	0.419932	0.797814	-1.25342	0.90961	1.262842	1.26284	0.9053193	1.07719	1.05779	1
cg00254771	PTCHD2	0.561408	0.237648	0.514164	-1.9449	0.332457	0.584123	-1.71197	0.523439	1.41585	1.41585	0.851667	0.905173	-1.10476	0.164126	0.450078	-2.22184	0.731878	0.83115	-1.20115	0.243579	0.518869	-1.92727	0.170842	0.456448	-2.19064	0.854097	1.10406	1.10406	0.9053187	4.14552	4.07088	1
cg10023572	ZCCHC14	0.561409	0.379902	0.7106	-1.40763	0.6683839	0.95989	-1.29589	0.511387	1.01302	1.01302	0.981208	1.16699	1.16699	0.2010302	0.859146	-1.16425	0.643706	1.10335	1.10335	0.476731	1.12721	1.12721	0.567482	1.01026	1.01026	0.808391	0.906704	1.10029	0.9053795	2.34473	2.32267	1
cg05445638	HIC1;HIC1	0.561425	0.56668	1.3598	1.3598	0.651086	0.78536	-1.2733	0.793858	1.14909	1.14909	0.162003	2.20886	2.20886	0.619428	0.766664	-1.30435	0.39852	1.63092	-1.58205	0.142213	2.31011	2.31011	0.105643	0.302539	1.7626	1.7626	0.905162	4.03742	3.96484	1
cg16372156	HIPK3;HIPK3	0.561426	0.407057	0.78695	-1.27078	0.4441	0.669288	-1.49398	0.3555	0.683516	-1.46316	0.148833	0.618348	-1.61696	0.0191006	0.850442	-1.0421	0.398648	0.739554	-1.35203	0.0970709	0.59777	-1.6727	0.309799	0.748427	-1.33606	0.00516	0.829384	-1.20585	0.9053183	1.02445	1.02337	1
cg00092121	LOC103030728;SLC25A5	0.561438	0.0856784	0.282871	-3.53519	0.609723	0.574839	-1.73962	0.63591	0.731642	-1.36679	0.505285	1.55799	1.55799	0.497012	0.636129	-1.57201	0.137288	0.346604	-2.88513	0.9547	0.963504	-1.03788	0.969204	0.97505	-1.02559	0.510577	0.645507	-1.54917	0.912682	0.06105	0.56516	1
cg14575676	ZNF385B;MIR125B;ZNF385B	0.561441	0.954489	1.02799	1.02799	0.77972	0.76382	-1.30886	0.624888	0.935152	-1.06934	0.482815	1.12241	1.12241	0.4640405	0.891458	-1.12181	0.927332	1.01488	1.01488	0.919648	0.940025	1.06402	0.784135	0.889715	-1.12378	0.618863	1.03291	1.032911	0.9053758	0.06105	0.369054	1
cg14233594	CRTAC1	0.561443	0.975678	0.994433	-1.0056	0.733806	1.06463	1.06463	0.768431	1.01607	1.01607	0.857072	1.1676	1.1676	0.4248829	1.04142	1.04142	0.07718	0.851458	1.17483	0.0014707	1.43108	1.43108	0.149757	0.851405	-1.13455	0.251912	1.24506	1.24506	0.53089	0.897435	1.11429	0.905133	0.78488	0.741222
cg04629194	PDLIM1	0.561443	0.714525	0.961962	-1.03954	0.163598	0.854755	-1.16993	0.756896	0.967753	-1.03332	0.226086	1.1436	1.1436	0.939763	1.00801	1.00801	0.424689	1.08987	1.08987	0.802533	0.973896	-1.0268	0.569136	1.06262	1.06262	0.189834	1.15788	1.15788	0.9053133	0.159743	0.156876	1
cg08222377	TMCO3	0.561451	0.984433	0.980587	-1.01661	0.5397725	1.58687	1.58687	0.137593	1.88192	1.88192	0.729928	1.34172	1.34172	0.1797384	0.795403	-1.25648	0.258293	0.367694	-2.71965	0.676933	1.42677	1.42677	0.597856	0.636668	-1.57068	0.956253	0.954535	-1.04763	0.9052119	10.3137	10.1287	1
cg05882691	HIST1H3H	0.561454	0.625522	0.899331	-1.11194	0.541195	1.14275	1.14275	0.195611	1.34347	1.34347	0.528799	1.14758	1.14758	0.194039	0.743476	1.34503	0.368371	1.22057	1.22057	0.49625	0.842533	-1.1869	0.728293	1.07814	1.07814	0.48492	0.858042	-1.16544	0.905115	0.6671	0.655155	1
cg21874614	DHX8	0.561468	0.447443	0.86325	-1.15741	0.8806535	0.954409	-1.04777	0.940281	0.938776	-1.06522	0.419564	0.854959	-1.16965	0.871386	0.970166	-1.03075	0.741668	0.939107	-1.06484	0.185962	0.765947	-1.30557	0.414489	0.85361	-1.17149	0.932199	1.40287	1.402867	0.9052902	0.5077389	1
cg16854466	EP400	0.561474	0.586174	-3.51972	-1.0831827	2.10728	2.10728	0.2960265	1.52225	1.52225	0.5387458	0.868257	-1.23723	0.8043443	0.9080644	1.03127	1.03127	0.902829	0.953644	-1.04861	0.260769	0.633934	-1.57745	0.930806	0.956814	-1.03433	0.69998	1.16239	1.162391	0.9052895	2.16487	2.12612	1
cg08977791	c19orf48;C19orf48	0.561472	0.466962	1.61828	1.61828	0.730574	1.25207	1.25207	0.280726	0.482326	-2.07329	0.960617	0.968398	-1.03261	0.0661635	0.261775	-3.82008	0.677947	0.762183	-1.31202	0.861348	0.893946	-1.11864	0.75886	1.22167	1.22167	0.314549	0.508473	-1.96667	0.905086	0.06209	5.9536	1
cg12502155	NMBL;NMB	0.561475	0.250368	0.644746	-1.55145	0.2104401	0.714005	1.40011	0.561644	0.829523	-1.20551	0.592527	0.757359	-1.32009	0.0095265	0.536266	-1.86499	0.890271	0.979349	-1.02091	0.911333	0.990302	-1.00979	0.949028	0.884994	-1.12133	0.0046068	0.745755	1.340029	0.9052664	0.36544	0.3381	1
cg08653671	CRTAP	0.561483	0.423682	1.13344	1.13344	0.858616	1.02771	1.02771	0.220607	1.21824	1.21824	0.384237	0.872178	-1.14656	0.369744	1.15166	1.15166	0.446813	1.12621	1.12621	0.263325	0.836311	-1.19573	0.884731	0.978008	-1.02249	0.25891	1.19789	1.197893	0.9052668	0.336833	0.330812	1
cg13986417	MYKMMAB;MYK	0.561489	0.471623	1.12034	1.12034	0.569353	0.746144	-1.34022	0.23738	0.663295	-1.77527	0.760445	1.1685	1.1685	0.3553384	0.632446	-1.62273	0.322431	0.594236	-1.68283	0.145246	0.454979	-2.19791	0.926052	0.954202	-1.048	0.15052	0.470875	-2.12371	0.905106	3.71683	3.65042	1
cg12293415	RTTN	0.56149	0.372662	0.64823	1.64828	0.288304	0.852559	1.82559	0.607499	0.753606	-1.32695	0.502364	0.689556	-1.45021	0.1524025	2.30939	2.30939	0.267088	1.88004	1.88004	?	?	?	0.90541	1.32006	1.32006	0.631387	0.804236	-1.24332	0.893225	3.74888	4.19702	1
cg27305772	MUSK1	0.561491	0.470772	0.78755	-1.26976	0.2000075	1.55367	1.55367	0.512183	1.24159	1.24159	0.961721	1.01574	1.01574	0.154321	0.608748	-1.64272	0.475989	1.26609	1.26609	0.989333	1.00436	1.00436	0.403803	1.3206	1.3206	0.47915	0.791212	-1.26388	0.9050056	1.51889	1.49175	1
cg13103209	HZAF;KZAFX	0.561496	0.156384	0.472623	-2.11629	0.5609353	0.746144	-1.34022	0.23738	0.663295	-1.77527	0.760445	1.1685	1.1685	0.3553384	0.632446	-1.62273	0.322431	0.594236	-1.68283	0.145246	0.454979	-2.19791	0.926052	0.954202	-1.048	0.15052	0.470875	-2.12371	0.905106	3.71683	3.65042	1
cg19888047	CHMC;CHMW	0.561507	0.324397	0.640547	-2.26991	0.4706615	0.16032	-6.23752	0.804228	0.81869	-1.22146	0.644148	1.45449	1.45449	0.757675	0.774458	-1.29123	0.264115	0.391572	-2.55381	0.864817	0.871753	-1.14711	0.755765	0.777773	-1.28572	0.776663	1.25744	1.257444	0.90503	0.29957	0.33372	1
cg08701937	ANXA11;ANXA11;ANXA11	0.561509	0.54094	0.85105	-1.16134	0.7114455	0.787784	-1.26992	0.617837	1.00937	1.00937	0.843668	0.819553	-1.21955	0.749104	1.03577	1.03577	0.960127	1.08065	1.08065	0.702484	0.937613	-1.06643	0.822305	0.958033	1.08065	0.818995	1.22305	1.223053	0.9050033	0.87895	0.729828	1
cg26682101	LONRF3;LONRF3 HTATIP2;HTATIP2;HTATIP2;HTATIP2;HT ATIP2	0.561512	0.178866	0.123385	-8.10474	0.815442	0.709932	-1.40859	0.891289	0.818447	-1.22183	0.210255	0.92053	0.92053	0.416391	3.37714	3.37714	0.206238	0.141776	-7.05336	0.496967	0.364037	-2.74697	0.720541	0.590765	-1.69272	0.565691	0.427078	-2.34149	0.905021	30.7722	30.2237	1
cg20344434	ATIP2	0.561526	0.896109	0.914373	-1.09365	0.195497	0.391373	-2.55511	0.486649	1.62306	1.62306	0.09270363	0.553258	0.553258	0.59720	0.694285	-1.44033	0.884563	0.905249	-1.10467	0.822287	1.16666	1.16666	0.371248	1.8759	1.8759	0.985712	0.987805	-1.01235	0.9049999	6.7296	6.6098	1
cg22470298	UBA1;UBA1	0.561528	0.229916	0.572622	-1.74635	0.0994711	0.449691	-2.22375	0.56807	0.774613	-1.29097	0.646521	1.22676	1.22676

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg03403037	CHIC4L;CHIC4L	0.562022	0.786493	0.878343	-1.14033	1.112483	2.30642	2.30642	0.096462	2.41741	2.41741	0.802065	1.13045	1.13045	0.314112	1.05357	1.05357	0.62501	1.20902	1.26902	0.829563	0.900988	-1.10989	0.272688	1.73702	1.737702	0.770685	0.868177	-1.15184	0.904194	1.34986	1.29316	1
cg09097845	OPTN;OPTN;OPTN;OPTN	0.562022	0.517747	1.6066	1.6066	0.474722	0.591214	-1.69144	0.567882	0.658766	-1.518	0.911703	2.7163	2.7163	0.261661	0.432713	2.311	0.85967	1.13649	1.13649	0.650851	0.139019	1.39019	0.897846	1.09731	1.09731	0.168655	0.346294	-2.88772	0.904194	1.74862	1.73801	1
cg23502252	ACCN4;ACCN4	0.562033	0.675473	0.813676	-1.22899	0.4494075	0.333477	-2.99871	0.378738	0.64259	-1.5562	0.886033	1.02726	1.07276	0.599497	1.29627	1.29627	0.771981	1.15292	1.15292	0.925529	1.04685	1.04685	0.300969	0.59164	-1.69022	0.951112	1.03048	1.03048	0.904176	3.43434	3.37628	1
cg10356294	SNAI1	0.562044	0.782387	0.947904	-1.05496	0.379381	0.840286	-1.19035	0.177617	0.758376	-1.31895	0.883336	1.0972026	-1.02878	0.359987	0.833737	-1.19944	0.283239	0.806191	-1.2404	0.426227	1.16998	1.16998	0.345225	1.26474	1.26474	0.863767	1.03374	1.03374	0.904159	0.534666	0.525636	1
cg00361695	MAPK12	0.562078	0.823593	0.928894	-1.07655	0.494742	0.795289	-1.2574	0.27235	0.685651	-1.45855	0.138538	1.72066	1.72066	0.815837	0.925822	-1.08012	0.378828	1.34753	1.34753	0.699176	0.879821	-1.1366	0.38929	0.747172	-1.33838	0.465788	1.27788	1.27788	0.904103	1.56273	1.53644	1
cg01455981	UBXN10	0.562083	0.415757	1.44872	1.44872	0.966456	1.01892	1.01892	0.0481255	0.865459	-2.73629	0.611776	0.796051	-1.2562	0.916654	1.04775	1.04775	0.919251	0.955816	-1.04623	0.726244	1.16958	1.16958	0.417439	1.4467	1.4467	0.91686	1.04763	1.04763	0.904094	2.843863	2.7958	1
cg14335316	SEPT2;HDLBP;SEPT2;SEPT2;SEPT2	0.562093	0.248874	1.22515	1.22515	0.442536	1.14102	1.14102	0.0496703	1.45828	1.45828	0.282645	1.20694	1.20694	0.918745	0.987135	-1.01303	0.904842	0.980053	-1.02035	0.900646	1.02127	1.02127	0.900243	1.02135	1.02135	0.435624	1.1434	1.1434	0.904078	0.406438	0.39961	1
cg06445644	CALML6	0.562107	0.205944	0.279686	-3.69432	0.93873	0.818822	-1.2127	0.953029	1.05987	-1.05987	0.828614	0.799361	-1.251	0.116277	0.185479	-5.39345	0.325897	0.367404	-2.7218	0.119956	0.180148	-5.28087	0.275045	0.327188	-3.05634	0.532379	0.539647	-1.8569	0.904057	13.952	13.7179	1
cg20113726	TNXB	0.562127	0.205138	0.90348	1.10093	0.551693	0.879535	-1.1474	0.667059	0.954546	-1.09344	0.33963	0.708347	-1.25198	0.584871	0.881649	-1.13424	0.248084	1.31747	1.31747	0.139897	1.43703	1.43703	0.345657	1.801102	-1.24828	0.847483	1.04577	1.04577	0.904024	0.746487	0.73399	1
cg26783160	TRAPPC9;TRAPPC9	0.562128	0.47585	1.31055	1.31055	0.25666	1.5553	1.5553	0.966914	0.984646	-1.01559	0.437506	1.34374	1.34374	0.300844	1.49171	1.49171	0.427135	1.35319	1.35319	0.056486	2.23788	2.23788	0.383766	1.39538	1.39538	0.808749	0.913511	-1.09468	0.904022	1.99253	1.95917	1
cg06838038	ARAP1;ARAP1;ARAP1	0.562213	0.682545	1.1778	1.1778	0.736128	1.06096	1.06096	0.451118	0.874713	0.645949	-2.24241	0.713067	0.864722	1.15205	1.15205	-1.00529	0.938383	1.0329	1.0329	0.866292	1.17867	1.17867	0.262706	1.4955	1.4955	0.163516	0.904018	2.5098	2.4678	1
cg01029053	EIF3I	0.562134	0.118904	0.807982	-1.23765	0.706535	1.0488	1.0488	0.466382	0.910854	-1.09787	0.615063	0.938125	-1.06596	0.385557	1.11858	1.11858	0.924239	0.887896	-1.12626	0.362911	0.945295	-1.0468	0.796899	1.03302	1.03302	0.040013	0.227206	0.223404	1
cg26121809	BAT3	0.562139	0.573225	0.787671	-1.3233	0.261882	0.90705	-1.22055	0.16309	0.681747	-1.46682	0.307599	0.83959	-1.19106	0.104209	0.439561	-2.28219	0.716948	0.84656	-1.18405	0.093859	0.402015	-2.35841	0.459802	0.705237	-1.41796	0.424302	0.566824	-1.76422	0.904004	3.08278	3.03123	1
cg11934771	HCD22	0.562149	0.104579	0.73733	1.65871	0.189326	0.361817	-2.76383	0.970547	1.00236	1.00236	0.312725	0.466034	-2.14577	0.392668	0.837157	-1.89697	0.502188	0.607768	-1.64537	0.417098	0.545341	-1.83372	0.174216	0.34755	-2.87729	0.26052	0.423983	-2.35859	0.903987	7.6538	7.52307	1
cg00347862	LRRC49;THAP10	0.562166	0.625536	0.926219	-1.08387	0.850134	1.03146	1.03146	0.175125	1.26635	1.26635	0.434235	0.877518	-1.13958	0.706212	0.939872	-1.06397	0.538896	1.07225	1.10725	0.634529	1.08158	1.08158	0.463546	1.12995	1.12995	0.0978172	1.34638	1.34638	0.903906	0.183907	0.177506	1
cg05300158	SETD7	0.562171	0.351267	0.83281	-1.20078	0.623187	0.95435	1.19334	0.782111	1.12503	1.12503	0.441001	0.589454	-1.69649	0.318448	0.880662	-1.13579	0.706052	1.22229	1.22229	0.443771	0.591416	-1.69086	0.870164	1.11632	1.11632	0.754994	0.810114	-1.23439	0.903952	4.47852	4.57057	1
cg17494897	TSSC1	0.562172	0.291808	0.545155	-1.83434	0.10156	0.369993	-2.70275	0.417828	0.631772	-1.58285	0.735589	1.20683	1.20683	0.180169	0.454099	-2.20216	0.421845	0.634381	-1.57634	0.207409	0.479438	-2.09014	0.879875	0.91954	-1.0875	0.428025	0.638383	-1.56646	0.903951	4.40448	4.33109	1
cg22588715	MYT1L	0.562175	0.541086	0.84244	-1.1595	0.366187	0.989912	-1.01019	0.284455	1.26408	1.26408	0.29448	0.516461	1.15078	0.153579	0.479097	-2.08701	0.253907	1.12982	1.12982	0.18376	1.39659	1.39659	0.662315	1.11083	1.11083	0.29427	0.7709	-1.29718	0.903946	0.819083	0.80544	1
cg00721990	BAHCC1	0.562189	0.37442	0.828047	-1.20766	0.525439	1.21385	1.23885	0.641016	1.16027	1.16027	0.572063	1.15245	1.15245	0.247824	1.12469	1.12469	0.732489	1.07359	1.07359	0.785454	0.945094	-1.0581	0.91522	1.23977	1.23977	0.0984511	1.45506	1.45506	0.903923	0.613187	0.602988	1
cg26507988	CCDC57	0.562204	0.890178	1.09276	1.09276	0.664458	0.755609	-1.32344	0.196683	0.416246	-2.40243	0.067126	0.267859	-3.73331	0.227405	0.443242	-2.2561	0.557684	0.68337	-1.46334	0.526678	0.662399	-1.50967	0.672987	1.31334	1.31334	0.627743	0.730697	-1.36856	0.903899	5.90221	5.8042	1
cg04342202	MAD1L1;MAD1L1;MAD1L1	0.562208	0.604354	0.816244	-1.22532	0.293976	1.56068	1.56388	0.222952	0.608089	-1.6445	0.43973	0.731817	-1.36662	0.274588	1.14914	1.14914	0.392898	1.4049	1.4049	0.352505	1.45009	1.45009	0.0600198	1.22516	1.22516	0.33246	0.678168	2.47456	0.903892	2.15996	2.12411	1
cg10559432	NFATC2	0.562221	0.674845	0.940381	-1.0634	0.495729	1.10603	1.10603	0.754147	1.04684	1.04684	0.714342	0.947849	-1.05502	0.280374	0.849182	-1.1776	0.424239	0.887896	-1.12626	0.362911	0.413741	0.93289	-1.07209	0.403002	0.403002	0.0403013	0.227206	0.223404	1
cg08496681	SLC39A7;RXRB;SLC39A7	0.562228	0.687239	0.938344	1.06543	0.176327	0.78942	-1.26707	0.0882326	1.50488	1.50488	0.520479	1.15203	1.15203	0.542439	0.874618	1.14336	0.5906	1.12524	1.12524	0.956893	0.988324	-1.01181	0.210378	1.33212	1.33212	0.215306	1.32761	1.32761	0.903855	0.675767	0.664578	1
cg03437232	TLE3;TLE3;TLE3;TLE3;TLE3;TLE3	0.562231	0.777527	0.94031	-1.06348	0.937777	1.01711	1.01711	0.0882326	1.50488	1.50488	0.520479	1.15203	1.15203	0.542439	0.874618	1.14336	0.5906	1.12524	1.12524	0.956893	0.988324	-1.01181	0.210378	1.33212	1.33212	0.215306	1.32761	1.32761	0.903855	0.675767	0.664578	1
cg02949992	CDC4A;CDC4A	0.562252	0.452686	1.78755	1.78757	0.156244	1.16323	1.16325	0.55158	1.58085	1.58085	0.237152	2.5608	2.5608	0.530058	1.62088	1.62088	0.287277	1.23185	1.23185	0.176216	2.97953	2.97953	0.247691	2.50334	2.50334	0.535704	0.621147	-1.60992	0.903821	8.25205	8.11572	1
cg20971793	NUP1;2	0.562256	0.495343	0.775496	-1.2895	0.359164	1.38281	-1.24098	0.527045	1.14024	1.14024	0.402113	0.796625	-1.25567	0.599479	0.912821	-1.09569	0.796027	1.19975	1.19975	0.554247	0.816521	-1.22471	0.0975	0.542141	-1.84454	0.648284	1.18366	1.18366	0.903814	1.92956	1.89777	1
cg13542982	EDC3;EDC3;EDC3	0.562261	0.798517	0.908039	-1.10127	0.773017	0.895781	-1.11634	0.352946	0.697356	-1.43399	0.620002	1.20744	1.20744	0.308525	1.48807	1.48807	0.155785	1.77309	1.77309	0.27485	0.651513	-1.53489	0.272137	1.11572	1.11572	0.391005	0.717875	-1.393	0.903807	2.03585	2.00224	1
cg24241305	RASA3	0.562262	0.955533	1.10767	1.10767	0.0203647	1.408	1.408	0.0618564	1.39151	1.39151	0.634682	1.13119	1.13119	0.710992	0.827483	-1.20872	0.693936	0.82352	-1.21413	0.324746	1.646	1.646	0.0618564	1.19304	1.19304	0.0618564	1.11285	1.11285	0.903804	3.43057	3.37396	1
cg07172701	SERINC5	0.562276	0.70855	0.93152	1.30352	0.323856	0.250254	0.61843	1.42541	1.42541	0.752183	1.25059	1.25059	1.26059	0.240906	0.425412	2.35066	0.183452	1.7082	1.7082	0.153174	1.56309	1.56309	0.125002	2.2293	3.2293	1.644971	1.38752	1.38752	0.903782	7.13288	7.01534	1
cg07588875	SPHEG2;SPHEG2	0.562282	0.134478	1.50802	1.50802	0.609689	0.877159	-1.14004	0.987785	0.996111	-1.0039	0.765153	1.07924	1.07924	0.889048	0.965091	-1.03617	0.468818	0.828934	-1.20637	0.175292	1.44327	1.44327	0.278594	1.33213	1.33213	0.558238	0.860092	-1.16267	0.903773	0.927503	0.912228	1
cg02157475	LOC130201;CHIC1	0.562287	0.147635	1.40165	1.40517	0.279708	0.58	-1.25	0.845151	1.13488	1.13488	0.422952	0.608089	-1.6445	0.430973	0.731817	-1.36662	0.274588	1.14914	1.14914	0.14916	0.175665	0.270142	-3.7025	0.167391	0.566506	1.765	1.50018	1.50018	0.849591	1.18834	1.18834	0.903732	11.8241	11.6299	1
cg17862257	HDHD2	0.562307	0.21057	0.536933	-1.86243	0.200151	1.26565	1.26565	0.483544	1.3983	1.39883	0.696687	1.2028	1.2028	0.427251	0.682429	-1.46535	0.459524	0.70118	-1.42617	0.259474	1.74111	1.74111	0.742483	1.16815	1.16815	0.223553	1.82723	1.82723	0.903731	3.18042	3.12818	1
cg12869362	MSC;16703;P2RX6;P2RX6	0.562316	0.947329	1.03584	1.03584	0.0211257	1.22156	1.22156	0.0991414	1.47495	1.47495	0.13245	1.32845	1.32845	0.0405215	1.2566	1.2566	0.753273	1.31015	1.31015	0.0405215	1.4958	1.4958	0.0405215	1.26826	1.26826	0.0405215	1.68482	1.68482	-1.54218	0.903693	2.4989	2.48179	1
cg27423027	LOC285733	0.562319	0.697056	0.888156	-1.12593	0.461025	1.25549	1.25549	0.589515	1.17956	1.17956	0.607111	0.854492	-1.17029	0.854085	1.0574	1.0574	0.586742	0.846709	-1.18104	0.17736	1.54443	1.54443	0.228902	1.46641	1.46641	0.130932	1.63962	1.63962	0.903713	1.31559	1.29401	1
cg26699755	RTN4RL1	0.562328	0.0962287	0.573072	-1.74498	0.248798	0.692509	-1.44403	0.543201	0.828969	-1.20632	0.898758	1.03956	1.03956	0.900294	0.962515	-1.03894	0.598327	0.850411	-1.1759	0.218704	0.674146	-1.48336	0.128743	0.606284	-1.64939	0.660182	0.873842	-1.14437	0.903698	1.32969	1.3079	1
cg07628053	GAD1;GAD1	0.562331	0.914301	1.07945	1.07945	0.0196104	0.562545	-1.77801	0.983759	0.991464	-1.00858	0.314125	1.39847	1.39847	0.0405215	1.2566	1.2566	0.753273	1.31015	1.31015	0.0405215	1.4958	1.4958	0.0405215	1.26826	1.26826	0.0405215	1.68482	1.68482	-1.54218	0.903693	2.4989	2.48179	1
cg08836144	KDM2A;KDM2A;KDM2A	0.562332	0.362313	0.679826	-1.47096	0.428443	0.716631	-1.39542	0.835071	1.08973	1.08973	0.810678	0.905821	-1.10397	0.454837	0.730693	-1.36856	0.6936	1.1773	1.1773	0.0685338	2.31734	2.31734	0.550549	0.799636	-1.28265	0.930522	1.0366	1.0366	0.903691	2.43136	2.39153	1
cg04737202	ZBTB4;ZBTB4	0.562333	0.517884	1.62601	1.62601	0.0442925	1.30364	1.30364	0.0618564	1.39151	1.39151	0.634682	1.13119	1.13119	0.710992	0.827483	-1.20872	0.693936	0.82352	-1.21413	0.324746	1.646	1.646	0.0618564	1.19304	1.19304	0.0618564	1.11285	1.11285	0.903804	3.43057	3.37396	1
cg18588323	TNFAIP8L3	0.562334	0.514156	1.84993	1.84992	0.289385	1.78226	1.78026	0.717373	1.40214	1.40214	0.267445	2.92761	2.92761	0.163216	0.621443	-1.60916	0.0950094	1.50618	1.50618	0.479359	0.512416	-1.95154	0.767737	0.750283	-1.33703	0.453972	0.20246	0.20246	0.903688	12.3742	12.1715	1
cg13370280	IFNGR1	0.562335	0.182742	0.819802	-1.21981	0.433618	1.11883	1.11883	0.179255	1.22199	1.22199	0.879294	0.978871	-1.02159	0.642545	0.936426	-1.06789	0.450755	0.807641	-1.11403	0.87495	1.02238	1.02238	0.524179	0.913287	-1.09495	0.348726	1.14519	1.14519	0.903686	0.282641	0.278013	1
cg18188851	BMP6	0.562343	0.457883	1.57625	1.57625	0.0442925	1.30364	1.30364	0.0618564	1.39151	1.39151	0.634682	1.13119	1.13119	0.710992	0.827483	-1.20872	0.693936	0.82352	-1.21413	0.324746	1.646	1.646	0.0618564	1.19304	1.19304	0.0618564	1.11285	1.11285	0.903804	3.43057	3.37396	1
cg14384510	PTPN2;PTPN2;PTPN2	0.562357	0.279103	0.458219	-2.18236	0.537443	0.648529	-1.54195	0.449705	0.586141	-1.70607	0.610736	1.42763	1.42763	0.223293	0.411726	-2.4288	0.685959	1.32566	1.32566	0.162867	0.355909	-2.80971	0.207349	0.397676	-2.51461	0.309731	0.48239	-2.07245	0.903683	6.68335	6.7709	1
cg06877118	CLYBL	0.562365	0.877547	0.951703	1.05077	0.0196104	0.562545	-1.77801	0.983759	0.991464	-1.00858	0.314125	0.70625	-1.41562	0.0776807	0.466994	-2.14161	0.450755	0.807641	-1.11403	0.87495	1.02238	1.02238	0.524179	0.913287	-1.09495	0.348726	1.14519	1.14519	0.903686	0.282641	0.278013	1
cg15927330	RGL2;RGL2	0.562385	0.718002	1.118	1.118	0.767906	0.912997	-1.09529	0.762955	0.911162	-1.0975	0.913551	1.16652	1.16652	0.12158	0.596776	-1.67567	0.196161	0.656794	-1.52255	0.267308	0.70087	-1.4268	0.379191	1.3198	1.3198	0.976505	0.991404	-1.00867	0.903605	1.35381	1.33177	1
cg23708682	PTPN2;PTPN2;PTPN2	0.562389	0.914751	1.04848	1.03241	0.0295124	1.15766	1.15766	0.647021	1.38627	1.38627	0.147376	1.57008	1.57008	0.201751	0.636822	-1.57066	0.198011	1.56784	1.62784	0.201751	0.729348	1.37048	1.37048	0.0552552	1.32363	1.32363	0.563293	1.1905	1.1905	0.903599	1.27443	1.25369	1
cg21296320	ZEB2;ZEB2	0.562392	0.169199	0.87321	1.87321	0.712884	0.89256	-1.12037	0.669524	0.931946	-1.0737	0.602634	1.2012	1.2012	0.23226	0.412636	-2.42236	0.23637	1.83677	1.83677	0.0510154	0.20249	2.13187	2.13187	0.0842271	1.88275	1.88275	0.0545554	2.19053	1.88035	1.06645	0.903593	2.62806	2.57853	1
cg23093090	C10orf26;C10orf26	0.562394	0.54581	1.25252	1.25252	0.154598	1.74772	1.74772	0.537935	0.795701	-1.25675	0.473919	0.76577	-1.30587	0.29097	0.669278	-1.49415	0.225464	0.62721	-1.59436	0.396009	0.727229	-1.37508	0.938521	0.972129	-1.02867	0.933825	1.0309	1.0309	0.90359	1.92162	1.89035	1
cg23623398	FDSB;FDSB	0.562398	0.127081	0.810617	1.23364	0.158435	1.15766	1.15766	0.647021	1.38627	1.38627	0.147376	1.57008	1.57008	0.201751	0.636822	-1.57066	0.198011	1.56784	1.62784	0.201751	0.729348	1.37048	1.37048	0.0552552	1.32363	1.32363	0.563293	1.1905	1.1905	0.903599	1.27443	1.25369	1
cg24880665	KDM5B	0.562403	0.439595	0.568604	-1.75869	0.317303	0.09677	2.09677	0.52781	1.58115	1.58115	0.580826	0.670683	-1.49102	0.113199	0.290928	-3.43728	0.896789	1.00289	1.00289	0.390728	1.87741	1.87741	0.372091	0.51874	-1.92775	0.954839	0.96025	-1.0414	0.903576	7.34124	7.32191	1
cg18154945	PPP2CA	0.562411	0.905767	1.04647	1.06404	0.0171737	0.946934	-1.05604	0.647984	1.88338	1.88338	0.18013	2.10879	2.10879	0.0991138	0.995503	-1.00462	0.816307	0.68251	-1.46537	0.0139544	0.434449	-2.30177	0.411213	0.643704	-1.55341	0.778422	1.15935	1.15935	0.903564	3.91031	3.84795	1
cg13059101	MTL5;MTL5	0.562428	0.25818	2.43001	2.43001	0.445154	1.75793	1.75793	0.445978	1.68242	1.68242	0.596776	0.669137	-1.49451	0.427188	0.542209	-1.84061	0.873112	0.886672	-1.12781	0.604905	0.8107	-1.48107	0.146996	0.309983	-3.22598	0.373387	0.98998	-1.00959	0.903535	8.10428	7.97291	1
cg13542873	EIF1B2;EIF1B2;EIF1B2;NDUFS1	0.562438	0.261645	0.712898	-1.40272	0.458273	1.24402	1.24402	0.60971	0.861759	-1.1602	0.0718846	0.559395	-1.78765	0.666446	1.01216	1.01216	0.431195	1.26146	1.26146	0.801822	0.929873	-1.07542	0.618449	0.827257	-1.20836	0.983294	0.993965	-1.00607	0.90352	1.19604	1.17667	1
cg22109120	KBTBD6	0.562441	0.390524	0.790756	1.26491	0.351952	0.945345	-1.05787	0.637988	0.795955	-1.25595	0.473777	0.76195	-1.31255	0.297727	0.662195	-1.50995	0.36564	1.26092	1.26092	0.248379	0.757968	-1.31932	0.441853	0.745331	1.34227	0.531224	0.978338	-1.02224	0.903515	0.94573	0.929421	1
cg23377939	ANP32E;ANP32E	0.562444	0.472205	0.853703	-1.17137	0.517983	0.867823	-1.15231	0.627796	0.899711	-1.11147	0.493103	1.16249	1.16249	0.719849	1.08102	1.08102	0.0773752	0.653971	-1.52912	0.60212	0.892453	-1.12051	0.687519	1.0914	1.0914	0.33981	1.23714	1.23714	0.903511	0.669541	0.658706	1
cg18637118	B3GNTL1	0.562445	0.075511	2.47963	2.47963	0.750523	1.15766	1.15766	0.647021	0.809284	-1.23566	0.497807	1.37148	1.37148	0.731233	0.878461	-1.13835	0.351278	0.704108	-1.4206	0.211247	0.731685	-1.36721	0.511365	0.736598	-1.35759	0.602001	0.78949	-1.27471	0.9035	1.03431	0.99556	1
cg12631737	FUT4;FUT4	0.562452	0.576089	1.10717	1.10717	0.237666	1.23644	1.23644	0.895756	0.97726	-1.02275	0.169099	0.777743	-1.28577	0.806824	1.04302	1.04302	0.83012	0.96308	-1.03755	0.120479	0.746047	-1.33503	0.945391	1.01182	1.01182	0.930974	1.01497	1.01497	0.903497	0.42122	0.41441	1
cg27485084	SYT4	0.562456	0.980865	0.982591	-1.01772	0.0738523	4.30188	4.30188	0.170769	2.90987	2.90987	0.800912	0.831078	-1.20326	0.591651	0.672636	-1.48669	0.603792	0.681549	-1.46725	0.694126	0.74869	-1.33567	0.78514	0.818636	-1.22154	0.909961	0.920497	-1.08637	0.903484	7.67326	7.5493	1
cg20705810	MYO10	0.562463	0.889407	1.06426	1.06426	0.234997	0.615256	-1.62509	0.842571	1.05623	1.05623	0.842571	1.10255	1.10255	0.162551	0.460608	-2.17117	0.238011	1.56784	1.62784	0.201751	0.729348	1.37048	1.37048	0.0552552	1.32363	1.32363	0.563293	1.1905	1.1905	0.903599	1.27443	1.25369	1
cg14735287	MICALL1	0.562478	0.705313	1.09916	1.09916	0.218487	0.724626	-1.38002	0.422794	1.22599	1.22599	0.828066	0.947312	-1.05552	0.530673	0.853804	-1.17123	0.450842	0.825978	-1.21069	0.502238	1.18467	1.18467	0.737466	1.43368	1.43368	0.359861	1.26398	0.903456	0.886113	0.871826	1
cg10669442	NCOR2;NCOR2	0.562479	0.737657	1.13765	1.13765	0.0917173	0.94859	-1.05411	0.721308	0.916855	1.06894	1.06894	0.425192	1.0869	1.0869	0.150082	1.78821	1.78821	0.609204	0.805155	0.241645	0.309163	1.49121	1.49121	0.154201	1.52501	1.52501	0.0944706	1.99862	1.95254	0.903452	2.99788	2.93276	1
cg20640499	GRIK2;GRIK2;GRIK2	0.562488	0.206391	0.488961	-2.04515	0.317129	0.573979	-1.74222	0.364313	1.02431	1.02431	0.820216	0.884969	-1.12938	0.372272	0.61155	-1.63519	0.541009	1.39405	1.39405	0.191653	0.476127	-2.10028	0.258156	0.530773	-1.88404	0.435588	1.5327	1.5327	0.903451	0.123669	0.405722	1
cg19502122	KCTD4;GTF2E2	0.562493	0.802797	0.944713	1.0585	0.238344	0.75532	-1.32394	0.369257	0.810977	-1.23308	0.722036	1.08454	1.08454	0.621022	0.892942	-1.11989	0.929313	0.978520	-1.02194	0.0789131	1.55783	1.55783	0.621154	0.892981	-1.11984	0.71923	0.921252	-1.08548	0.903447	0.738666	0.726763	1
cg11175150	PRKG1	0.562495	0.105536	0.739756	1.35183	0.0736277	2.87965	2.87965	0.145459	1.63548	1.63548	0.708313	2.12563	2.12563	0.0991138	1.13202	1.13202	0.756383	1.1829	1.1829	0.62099	1.02737	1.02737

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	SS(Error)	F(Error)
cg02602410	EIF2C2,EIF2C2	0.5622998	0.538803	1.22314	0.523214	1.22314	0.53521	1.23411	0.23411	1.24195	0.84195	1.06672	0.06672	1.82641	0.107364	1.07364	0.642031	1.16353	0.16353	0.0864957	1.84523	1.84523	0.170787	1.60296	0.60296	1.5037274	0.820376	-1.24676	0.480965	0.793142	1.26081	0.902613	1.49616	1.47341	1
cg15087448	CCDC48	0.563004	0.192698	0.775157	-1.29006	0.997656	1.00054	1.00054	0.888272	1.02631	1.02631	0.262301	0.412901	0.856719	-1.16724	0.971865	1.00654	1.00654	0.00345585	0.71118	-1.40611	0.139408	0.745397	-1.34157	0.444218	0.8658808	-1.15499	0.756329	0.94412	-1.05919	0.902602	0.487085	0.4804391	1
cg01483388	TUSC3,TUSC3	0.563016	0.567425	0.866811	-1.15365	0.96541	1.01078	1.01078	0.541332	0.858213	-1.16521	0.927787	1.02267	1.02267	0.75761	1.07956	1.07956	0.999826	0.999946	-1.00005	0.0366197	1.82311	1.82311	0.506579	1.18133	1.18133	0.781562	1.07115	1.07115	0.902584	0.874142	0.860879	1
cg26933736	RWDD2A,PDAP1	0.563024	0.454039	0.799111	-1.25139	0.307708	1.36407	1.36407	0.38465	1.29965	1.29965	0.828688	0.993268	-1.06579	0.569213	0.844973	-1.18431	0.353048	0.12444	1.32444	1.32444	0.272181	1.39879	1.39879	0.902571	1.23596	1.21723	1
cg25601631	AP3B1	0.563028	0.532398	0.914344	-1.09368	0.752328	0.956161	-1.04585	0.920438	1.01425	1.01425	0.252057	0.827598	-1.20832	0.0767376	1.32148	1.32148	0.87844	1.02191	1.02191	0.852756	0.974033	0.162666	0.862721	0.02481	2.04881	0.433768	1.11975	1.11975	0.902564	0.286629	0.282286	1
cg03092447	ANKRD11	0.563032	0.945313	0.964626	-1.03667	0.0494341	2.86744	2.86744	0.123842	2.33273	2.33273	0.658438	1.25372	1.25372	0.918083	1.05368	1.05368	0.921474	1.05139	1.05139	0.352008	1.62154	1.62154	0.62143	1.28787	1.28787	0.772912	0.863246	-1.15842	0.902557	3.692448	3.63667	1
cg04220063	SDK2	0.563038	0.104604	0.654664	-1.5275	0.650383	0.896762	-1.11512	0.32448	0.784274	-1.27507	0.932018	1.02058	1.02058	0.574994	0.873461	-1.14487	0.859398	0.95854	-1.04325	0.169184	1.41877	1.41877	0.487774	0.84506	-1.18335	0.667175	0.901842	-1.10884	0.902548	0.815234	0.802896	1
cg04720331	LGR5	0.563042	0.968204	1.01298	1.012298	0.748437	0.900145	-1.1097	0.0222	0.849213	-1.17756	0.210813	0.627276	-1.53192	0.321382	0.717908	-1.19294	0.365412	1.15099	1.15099	0.520949	1.23053	1.23053	0.732393	1.11748	1.11748	0.132245	0.582674	-1.71623	0.90254	1.49585	1.47323	1
cg05768141	KCNJ10,KCNJ10	0.563048	0.545083	0.860796	-1.16172	0.229727	0.732552	-1.36509	0.951285	1.00506	1.01506	0.41774	0.816542	-1.22664	0.813948	1.05949	1.05949	0.760496	1.0777	1.0777	0.103895	1.30125	1.30125	0.609266	1.29374	1.29374	0.922532	0.856237	0.854293	1
cg16389348	SLC22A11	0.563058	0.529083	0.681424	-1.46751	0.212162	0.453602	-2.20457	0.800338	1.16468	1.16468	0.951929	0.964384	-1.03693	0.16703	0.412244	-2.42575	0.593572	1.38269	1.38269	0.735543	0.815523	-1.22621	0.266478	0.498348	-2.00563	0.133084	0.377226	-2.65058	0.902516	5.17221	5.09412	1
cg13289132	MAP3K8	0.563072	0.819579	0.955183	1.046139	0.139249	0.158189	2.06387	0.24533	1.60071	1.60071	0.408668	1.47913	1.47913	0.172185	0.795674	-1.25654	0.356371	1.55181	1.55181	0.243991	1.10513	1.10513	0.426029	1.44579	1.44579	0.470209	1.40537	1.40537	0.902462	3.066993	3.02007	1
cg26885821	NAIP,NAIP	0.563078	0.163888	1.29	1.29	0.843035	0.15623	1.05623	0.456992	1.23251	1.23251	0.755842	1.08988	1.08988	0.598156	1.15809	1.15809	0.054157	0.64544	-1.8333	0.800858	1.07223	1.07223	0.710113	0.901768	-1.10893	0.983292	0.994239	-1.00579	0.902484	1.08821	1.07182	1
cg08365618	CHSY1,NDUFV1,OXSM,OXSM	0.563081	0.456228	0.790947	-1.26527	0.663656	0.87313	-1.1453	0.711693	0.891375	-1.12199	0.319296	0.726789	-1.37591	0.0503176	0.509029	-1.96429	0.566597	1.13773	1.19733	0.613801	0.856035	-1.17091	0.982558	0.721091	-1.38679	0.903537	1.09831	1.08831	0.902479	1.37414	1.35345	1
cg21787889	FAM90A1,FAM90A1	0.563082	0.328913	0.686023	-1.45768	0.647377	1.18796	1.18796	0.668912	0.851388	-1.17455	0.588524	0.815246	-1.22662	0.210814	0.640732	-1.63738	0.891725	0.950341	-1.05225	0.824002	1.08687	1.08687	0.0558694	0.994812	-2.24814	0.995189	1.00226	1.00226	0.902477	1.99913	0.96903	1
cg16107902	HDX	0.563087	0.159911	0.261435	-3.82504	0.731219	1.35397	1.35397	0.824875	0.820835	-1.21503	0.0888959	0.40466	0.904666	0.931256	0.92890	-1.07644	0.321466	0.406491	-2.46008	0.932661	0.92842	-1.0771	0.727334	1.2111	1.2111	0.981112	1.02102	1.02102	0.902468	1.10394	1.08733	1
cg00525145	FGFR3,FGFR3;FGFR3	0.563094	0.382577	1.2675	2.31675	0.335295	2.54624	2.54624	0.668389	1.45887	1.45887	0.221154	1.34247	1.34247	0.866051	0.854121	-1.17079	0.55008	1.76359	1.76359	0.118166	0.209561	0.209561	-4.91254	0.79102	1.29708	0.676633	0.674668	-1.48221	0.902457	3.692448	3.63667	1
cg01565314	EXOC3L2	0.563104	0.944493	0.960816	-1.04078	0.347261	0.573734	-1.74297	0.355575	1.72553	1.72553	0.833767	1.12823	1.12823	0.461525	0.650299	-1.53776	0.0926325	0.345646	-2.89313	0.388587	0.602144	-1.66073	0.614488	0.747104	-1.3385	0.483681	1.50473	1.50473	0.90244	4.71016	4.63943	1
cg17213870	GRAMD4	0.563115	0.971947	0.981455	-1.0189	0.743684	1.19254	1.19254	0.959849	1.58863	1.58863	0.238017	1.93083	1.93083	0.883385	0.360442	-2.77437	0.413407	0.640747	-1.56068	0.912267	0.943017	-1.06043	0.904458	1.06601	1.06601	0.757743	0.848151	-1.17904	0.902424	4.05008	3.98933	1
cg25245636	ANAPC11,ANAPC11,ANAPC11;THOC4,A NAPC11,ANAPC11,ANAPC11,ANAPC11	0.563126	0.252131	1.99043	1.99043	0.958655	1.03028	1.03028	0.456909	0.646651	-1.54643	?	?	?	0.459336	0.648227	-1.54267	0.157691	2.38519	2.38519	0.551033	0.706743	-1.41494	0.678544	1.27101	1.27101	0.435768	0.632851	-1.58015	0.890521	4.15081	4.6611	1
cg09440018	EIF4A1	0.563133	0.306192	1.25614	1.25614	0.882208	0.968589	-1.03243	0.409628	0.834005	-1.19903	0.683574	0.915569	-1.09222	0.166532	1.37372	1.37372	0.889497	0.970519	-1.03038	0.122476	1.43371	1.43371	0.698238	0.919559	-1.08748	0.880242	1.03298	1.03298	0.902394	0.662198	0.652288	1
cg24416609	GPR55	0.563193	0.292289	0.993033	-1.00711	0.842655	1.1309	1.1309	0.164797	0.842653	-1.18645	0.695334	0.776114	-1.28847	0.515983	0.908587	-1.10067	0.501855	0.750495	1.33255	0.0695229	0.938913	0.938913	0.933195	0.651884	-1.53432	0.799478	1.14458	1.14458	0.902439	0.402238	0.39622	1
cg20782745	AQP4,C18orf16	0.563156	0.711362	0.812154	-1.23129	0.88635	0.923063	-1.08335	0.420837	0.63105	-1.58466	0.161035	2.31187	2.31187	0.311697	0.556605	-1.79661	0.70003	0.805152	-1.242	0.508822	0.687155	-1.45528	0.479374	1.49561	1.49561	0.230976	2.02066	2.02066	0.902357	4.47873	4.41188	1
cg07617881	ATP5B,SNORD59A	0.563161	0.118868	1.21441	1.21441	0.635831	0.15627	1.05627	0.626739	0.975157	-1.02548	0.944184	1.00807	1.00807	0.143153	1.19791	1.19791	0.69464	1.04632	1.04632	0.483333	0.925	-1.08519	0.542545	1.0731	1.0731	0.40784	0.907411	-1.10204	0.902349	0.188214	0.185406	1
cg04387597	GPHC5C,GPHC5C	0.563164	0.509093	1.0284	1.0284	0.167289	1.11963	1.11963	0.466865	1.45913	1.45913	0.614843	1.07334	1.07334	0.2936	0.842527	-1.18703	0.710455	0.970155	1.03076	0.746126	1.34025	1.34025	0.570355	0.746126	-1.34025	0.570355	0.746126	-1.34025	0.902453	1.72197	3.66647	1
cg15573879	STK40	0.563173	0.322612	0.820449	-1.21885	0.968129	1.00777	1.00777	0.769659	1.05852	1.05852	0.263836	1.25309	1.25309	0.409057	1.17768	1.17768	0.478185	1.14989	1.14989	0.246888	1.26432	1.26432	0.155047	1.3428	1.3428	0.564427	0.893288	-1.11946	0.90233	0.53618	0.528194	1
cg21537671	CPS1	0.563177	0.77888	1.04719	1.04719	0.180296	1.2625	1.2625	0.10977	1.34214	1.34214	0.144644	1.13622	1.13622	0.350475	1.17051	1.17051	0.571339	1.09825	1.09825	0.890049	0.977594	-1.02292	0.943752	1.01163	1.01163	0.129582	1.30771	1.30771	0.90233	0.383554	0.377843	1
cg18975638	CPSF1,ARPC1,APEX1,APEX1;APEX1,APE X1;APEX1	0.563193	0.371376	1.13012	1.13012	0.98815	1.00198	1.00198	0.875937	0.979394	-1.02104	0.97274	1.00456	1.00456	0.144518	1.2323	1.2323	0.523552	1.08998	1.08998	0.122177	1.25102	1.25102	0.313649	0.87033	-1.14899	0.791575	1.03593	1.03593	0.902297	0.253814	0.250043	1
cg19924719	ATP6V1C2,ATP6V1C2	0.563203	0.534562	1.24051	1.24051	0.714653	0.37139	1.37139	0.797363	1.05101	-1.09218	0.234557	1.50333	1.50333	0.0178551	1.2156	1.2156	0.790575	1.0955	1.0955	0.245116	1.53797	1.53797	0.692886	1.14657	1.14657	0.713555	1.13468	1.13468	0.902381	1.67818	1.65327	1
cg23510537	POM121	0.563204	0.449216	2.26457	2.26457	0.840425	1.23753	1.23753	0.657701	1.60784	1.60284	0.434304	2.32979	2.32979	0.0969675	0.141763	7.05404	0.213453	0.43787	-2.03787	0.954838	1.06169	1.06169	0.481208	2.12528	2.12528	0.873817	1.1758	1.1758	0.90969	15.7555	15.4708	1
cg08587542	KIAA0141,KIAA0141	0.563207	0.837935	1.0425	1.0425	0.346254	1.58425	1.58425	0.11309	1.81477	1.81477	0.160243	1.84045	1.84045	0.0893121	1.80645	1.80645	0.859593	1.16245	1.16245	0.499565	1.08241	1.08241	0.795951	1.08241	1.08241	0.795951	1.08241	1.08241	0.795951	0.902458	0.109378	0.108158	1
cg19711268	TRAF3,TRAF3;TRAF3	0.563213	0.339428	0.391511	-2.55421	0.617662	1.61493	1.61493	0.982499	0.979326	-1.02111	0.825918	0.810757	-1.23342	0.350612	0.400523	2.49673	0.338112	0.390449	-2.56116	0.0486234	0.117048	-8.54351	0.759832	0.746751	-1.33913	0.49682	0.518375	-1.92911	0.902265	12.9617	12.7695	1
cg23198616	LECT1,LECT1	0.563215	0.666949	0.782265	-1.28491	0.36052	1.72342	1.72342	0.102724	2.64969	2.64969	0.606625	1.35086	1.35086	0.252809	0.500765	-1.99695	0.913266	0.938861	-1.06512	0.372165	1.58288	1.58288	0.48725	1.50484	1.50484	0.924691	1.06527	1.06527	0.902361	4.79112	4.72011	1
cg23741330	FAM22E;BETIL	0.563222	0.405911	1.25999	1.25999	0.775211	0.424039	-2.35839	0.222625	0.432724	-2.31335	0.724249	1.2655	1.2655	0.0470994	0.790155	1.26537	0.260075	0.453967	-2.20311	0.140043	0.838447	-1.19277	0.0964113	0.947878	-1.05503	0.0731	0.975641	-1.02497	0.90244	0.31509	0.312157	1
cg05471616	TMTC1	0.563229	0.751804	1.53548	1.53548	0.934016	1.1765	1.1765	0.804506	0.715194	-1.39822	0.796008	1.41929	1.41929	0.465864	0.366762	-2.72657	0.466864	0.367616	-2.72023	0.0745424	0.068209	-14.6608	0.263068	4.84062	4.84062	0.582486	2.11795	2.11795	0.902239	26.1048	25.7185	1
cg07445602	CDH22	0.563243	0.672705	1.28765	1.28765	0.536463	0.6226	1.6226	0.23417	0.826357	-1.21017	0.824202	1.64072	1.64072	0.141064	0.484335	-2.06435	0.618115	0.810866	-1.23326	0.0955174	0.440548	-2.26995	0.459215	1.02954	1.02954	0.939025	1.03733	1.03733	0.836482	0.836328	0.82357	1
cg01450553	HES1	0.563247	0.769565	1.05511	1.05511	0.182029	1.29225	1.29225	0.453767	1.14956	1.14956	0.121746	1.35848	1.35848	0.0610647	1.32138	1.32138	0.40402	1.16877	1.16877	0.4732	1.14252	1.14252	0.934216	0.941729	-1.06188	0.872983	1.23117	1.23117	0.90221	1.476618	0.469581	1
cg00150502	DLGAP2	0.563253	0.939985	0.978661	-1.0218	0.922773	1.02817	1.02817	0.569477	1.17903	1.17903	0.686986	1.12305	1.12305	0.300187	0.73524	-1.3601	0.116353	1.6304	1.6304	0.168151	1.5231	1.5231	0.629861	1.14925	1.14925	0.312675	1.34875	1.34875	0.9222	1.172662	1.15532	1
cg07248377	MGRN1;MGRN1;MGRN1;MGRN1	0.563256	0.858582	1.07205	1.07205	0.362616	0.8226	1.2317	0.823677	1.04072	1.04072	0.541064	0.884335	1.18115	0.0731708	1.07227	-1.07227	0.772326	0.925547	-1.08051	0.307969	0.893397	1.11932	1.11932	0.852135	0.64048	-1.56095	0.903536	0.836328	1.1957	0.832215	0.64048	1
cg03150055	HESX

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)
cg13428086	CASZ1;CASZ1	0.563924	0.525502
cg19524023	DLL1	0.56394	0.247441
cg07796745	GGN	0.563944	0.404272
cg03649429	COL4A3BP;COL4A3BP;COL4A3BP	0.563947	0.349714
cg07502168	PTPN14	0.563975	0.938088
cg19781109	CHD2;CHD2;CHD2;CHD2	0.563975	0.308238
cg06214220	RNF38;RNF38;RNF38;RNF38;RNF38;RNF38;RNF38	0.563976	0.981831
cg07472191	KIAA1688	0.563987	0.277407
cg22143282	SMARCA2;SMARCA2	0.56399	0.281976
cg17349632	PLXNA4	0.563997	0.430761
cg01537391	ABCD4;ABCD4;ABCD4	0.564001	0.388151
cg14582009	GLTSCR1	0.564047	0.245884
cg10773928	HCG27	0.564049	0.398064
cg14838086	BAT5	0.564051	0.232926
cg17833937	DNAJB6;DNAJB6	0.564055	0.170396
cg19804182	C18orf1;C18orf1	0.564058	0.20678
cg01516930	LEPREL2	0.564058	0.736283
cg04813693	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.564059	0.205848
cg19913889	TMEM150A;TMEM150A;TMEM150A	0.564061	0.37397
cg25689181	SCAF1	0.564062	0.638895
cg23684925	SYNPO2	0.564067	0.975412
cg22500703	TAF4B	0.564068	0.431382
cg11716026	H19	0.564068	0.880748
cg13583414	LZTS1	0.564072	0.233504
cg07264401	CLCN7;CLCN7	0.564074	0.149865
cg02217367	ABR;ABR;ABR	0.564075	0.931332
cg26592560	PANX1	0.564078	0.323184
cg02426324	C7orf10	0.56408	0.740992
cg02582136	AKAP9;AKAP9	0.564102	0.248653
cg05215424	C16orf86;C16orf48;C16orf48	0.564117	0.369673
cg06581718	PEX11G	0.56412	0.148271
cg22025250	GTF2H4;GTF2H4	0.564124	0.717899
cg27089125	ZNF880	0.564125	0.568814
cg07516457	TAF1;BCYRN1;TAF1	0.564132	0.31298
cg23015920	AJAP1;AJAP1	0.564137	0.907211
cg15914463	CADPS;CADPS;CADPS	0.564138	0.86298
cg18937321	SLC6A9;SLC6A9	0.564158	0.352002
cg00961940	TIMP2	0.564168	0.349993
cg15577927	ISM1	0.564176	0.66661
cg14060366	APOLD1;APOLD1	0.564184	0.786126
cg17177829	NUP62;NUP62;NUP62;IL4I1;ATF5;NUP62	0.564195	0.536006
cg06708231	TDRD1	0.564207	0.992393
cg11337780	ZNF439	0.564216	0.641789
cg07537750	GPHA2	0.564218	0.969875
cg26262197	CADM1;CADM1	0.564219	0.479186
cg06565368	NTM;NTM;NTM;NTM	0.564229	0.970782
cg04498433	EIF1B	0.564236	0.142265
cg06603377	FOXN3;FOXN3	0.564242	0.164431
cg27040709	SYT17	0.564249	0.958839
cg01156295	CTNNA1;LRRTM2	0.564251	0.879896
cg16536563	SLC38A5	0.56426	0.647127
cg13825112	C9orf144B	0.564263	0.922405
cg15629018	MED20;BYSL;BYSL	0.564271	0.477458
cg16530959	GDF6	0.564303	?
cg02852257	TRIM33;TRIM33	0.564313	0.667593
cg10733145	PRPF19;PRPF19	0.564321	0.538592
cg04361527	PMVK	0.564324	0.130541
cg21859337	IGSF3;IGSF3	0.564333	0.815773
cg21034903	DYNC1I2	0.564338	0.357526
cg00977408	ATP9A	0.564343	0.85654
cg07772605	SDHAP2	0.564349	0.471229
cg01027937	RASSF6;RASSF6;RASSF6	0.564357	0.41263
cg11270798	MB;MB;MB	0.564365	0.859849
cg25927708	EN1	0.564371	0.419998
cg03979162	BCAS3;BCAS3	0.564387	0.628886
cg14578677	TLR6	0.564399	0.737191
cg11977693	LOC283731;ISLR2	0.5644	0.593838
cg04880940	TAF15;TAF15	0.564409	0.694401
cg21349723	C4orf48;C4orf48	0.564416	0.839769
cg17484237	HAVCR2;HAVCR2	0.564418	0.438615
cg09253830	ACOX3;ACOX3	0.564434	0.645388
cg11646730	KRAS;KRAS	0.564439	0.406185
cg16201596	HLA-J;NCRNA00171	0.564445	0.808509
cg10991855	C6orf182;C6orf182	0.564445	0.591892
cg00675133	IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2;IP6K2	0.56445	0.352216
cg24995083	CLMN	0.564452	0.335285
cg03792199	HIBADH	0.564455	0.372854
cg04239024	CENPE	0.564472	0.612789
cg26230516	SPIRE1;SPIRE1;SPIRE1	0.564477	0.0677003
cg02286847	FKBP10;SC65	0.564483	0.662473
cg15283373	DTX3	0.564485	0.339029
cg27157482	HOXA10	0.564498	0.0940444
cg04849769	CNIH	0.564498	0.854576
cg01667319	INS-IGF2;IGF2AS;IGF2;IGF2;IGF2AS;IGF2	0.564509	0.76543
cg22531257	RPL23AP82;RABL2B;RABL2B;RABL2B;RPL23AP82;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL	0.564516	0.385792
cg12738007	MRPL16;MRPL16	0.564525	0.754704
cg25314315	RHBDL2;RHBDL2	0.564528	0.719098
cg21509385	PLXNB2	0.564531	0.684373
cg22655988	CRMP1;CRMP1	0.564534	0.64907
cg01965950	FAM128A	0.564541	0.234275
cg21090298	MCF2L	0.564554	0.33969
cg07031665	C11orf67;RSF1	0.564558	0.334485
cg26989103	TRHR	0.56456	0.921486
cg08820401	ARHGAP15	0.564563	0.416089
cg07880244	ZNF423	0.564584	0.871799
cg01600921	FAM178B	0.564584	0.4866
cg25377665	PCGF2	0.564604	0.797223
cg02694863	ZBTB39	0.564618	0.611221
cg10711035	TAPBP;TAPBP;TAPBP	0.564618	0.721935
cg13911594	MUC2	0.56462	0.896286
cg09279412	CUX1;CUX1	0.564622	0.216743
cg01854588	SLC2A11;SLC2A11;SLC2A11	0.564631	0.209699
cg04524933	KCNG1	0.564636	0.369376
cg04504441	FSTL4;FSTL4	0.56464	0.432205
cg12971694	CD72;CD72	0.564645	0.291472
cg20114739	PRKG1;PRKG1;CSTF2T	0.564653	0.261881
cg15679153	LSM3;XPC;XPC;XPC;LSM3	0.564654	0.994325
cg05880577	ATF3;ATF3;ATF3	0.56467	0.453006
cg07818422	WDFY2	0.564672	0.496456
cg25108548	KIAA1467	0.564672	0.561885
cg06837034	FRAS1;FRAS1	0.564678	0.382839
cg16173529	MSRA;MSRA;MSRA	0.564679	0.83996
cg01236933	GRHL2	0.56468	0.75816
cg26846943	FYN	0.564717	0.692086
cg23452443	RAVER2	0.564727	0.767306
cg03211473	AGPAT1;AGPAT1;AGPAT1	0.564734	0.522697
cg13495918	HSPA7	0.56474	0.808035
cg06240076	DUS3L;DUS3L	0.56474	0.683161
cg09832613	SDK1	0.564752	0.183057
cg22746765	TMX2;TMX2;MED19;TMX2;TMX2;TMX2	0.564768	?
cg24447095	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.564769	0.900672
cg05183271	TMPRSS5	0.564802	0.530459
cg13309628	C20orf29	0.564803	0.795086
cg23337754	CRABP1	0.564804	0.337014
cg14817758	QSER1	0.564806	0.555582
cg04533214	LOC285359	0.564813	0.783902
cg10890917	FAM101B	0.564842	0.829251
cg09820244	SSBP3;SSBP3;SSBP3	0.564846	0.785495
cg23249278	WARS2;WARS2	0.564846	0.351189
cg11264499	MTX3;MTX3	0.564848	0.678376
cg06130159	ERCC4	0.564853	0.45084
cg05555409	NKTR	0.564854	?
cg18963059	SULF2;SULF2;SULF2	0.564857	0.659956

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. N)	Fold-Change(1 vs.5377)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	df
cg10802403	CHRM1	0.564858	0.768305	1.1377	1.1377	1.396637	0.645783	-1.54851	0.4754621	0.693749	-1.44144	0.406434	0.533398	1.53398	0.7514908	0.851769	-1.17403	0.714008	0.830745	-1.20374	0.677226	0.830882	-1.22475	0.82612	2.86642	2.886942	0.8895958	1.07264	0.0726564	0.8996605	3.61614	3.57387	1
cg07614783	ZNF546	0.564864	0.884723	0.932249	-1.07268	0.4891114	1.404668	1.404668	0.4514907	1.44914	1.44914	1.402329	0.421238	-2.37396	0.5970596	0.772624	-1.29429	0.1775567	1.99956	1.99956	0.665085	1.23445	1.23445	0.918185	1.05094	1.05094	0.752051	1.16564	1.16564	0.8995596	3.33188	3.29223	1
cg07401324	PTPRJ;PTPRJ	0.564866	0.531342	0.699939	-1.4287	0.5914439	1.356545	1.356545	0.5310893	1.4553	1.4553	0.996169	0.997303	-1.0027	0.227582	0.490327	-2.03945	0.954101	0.968133	-1.03292	0.2019	0.4685513	-2.13441	0.796183	0.864471	-1.15678	0.1036375	0.367409	-2.72176	0.8995592	4.51056	4.4569	1
cg06294591	PIK3CB;PIK3CB	0.564874	0.440264	0.853927	-1.17106	0.707177	1.078604	1.078604	0.1961745	0.990042	-1.00967	0.1404487	0.2884652	-3.46755	0.1374664	1.37464	1.37464	0.81778	0.954709	-1.0474	0.6542091	1.094665	1.09466	0.199755	1.13234	1.13234	0.3949606	0.8396616	-1.19102	0.3927254	0.8388895	-1.19204	0.8995379	0.5735905	0.5667279	1
cg22156618	KIAA0802	0.564897	0.248	0.277408	-3.6048	0.387028	2.563361	2.563361	0.795939	1.36173	1.36173	0.623857	1.69007	1.69007	0.2100235	0.5454303	0.239929	-4.1679	0.486114	0.471706	-2.11996	0.189411	0.228564	-4.37455	0.41543	0.191504	1.91504	0.976046	0.968624	-1.03239	0.8995441	16.06	15.8698	1
cg12548985	MIR9;MIR9-1;MIR9-2;MIR9-3;MIR9-3HG	0.564899	0.651447	0.887082	-1.12729	0.2715512	1.35201	1.35201	0.5968291	1.51102	1.51102	0.2427001	1.7246412	-1.38005	0.3471885	1.77488	-1.29051	0.276164	1.34777	-1.34777	0.330564	1.30281	1.30281	0.772031	1.07954	1.07954	0.488252	1.20184	1.20184	0.8995439	0.9888959	0.07725	1
cg06753985	EME2	0.564903	0.806711	1.18118	1.18118	0.162325	2.7548	2.7548	0.0524409	4.4732	4.4732	0.80687	0.846731	-1.18101	0.9223367	1.06845	1.06845	0.867467	0.892749	-1.12014	0.4448892	1.69726	1.69726	0.957396	1.03695	1.03695	0.882942	0.904765	-1.10526	0.8995532	6.57345	6.49567	1
cg22404646	CD151;CD151;CD151;CD151	0.564912	0.39242	0.545265	-1.8341	0.159792	1.42228	1.42228	0.1462362	1.44162	1.44162	0.507515	0.854129	-1.17078	0.4589898	1.19342	1.19342	0.810248	1.05803	1.05803	0.5592844	0.8680563	-1.15199	0.619177	1.12468	1.12468	0.9594423	0.988139	-1.012	0.8995518	0.7834488	0.77423	1
cg08123544	KCND2	0.564912	0.227307	0.773321	-1.29312	0.238519	1.284552	1.284552	0.242747	1.28138	1.28138	0.675425	0.918138	-1.08916	0.6096094	1.11007	1.11007	0.212522	0.766204	-1.30514	0.87061	1.267479	-1.03361	0.896776	1.02667	1.02667	0.902798	1.02038	1.02038	0.9158918	0.5860919	0.5790994	1
cg07889849	MYO1D	0.564923	0.765523	0.846015	-1.18201	0.817357	1.113807	1.113807	0.406101	1.60831	1.60831	0.472971	1.50395	1.50395	0.21956	0.4858879	-2.05812	0.635604	0.765768	-1.30588	0.15227	0.42428	-2.35693	0.275823	0.530571	-1.88476	0.6245579	1.31752	1.31752	0.8995	4.45309	4.40055	1
cg16411445	NCRNA00214	0.564927	0.646095	1.15629	1.15629	0.745862	1.342554	1.342554	0.6867069	0.8074437	-1.23849	0.4873	0.5501013	1.81814	0.4065751	1.23117	1.23117	0.702036	0.826765	-1.20923	0.3136064	2.21191	2.21191	0.754307	1.16785	1.16785	0.8868894	0.945096	-1.05816	0.8994943	3.47981	3.43979	1
cg25887619	CUX1;CUX1;CUX1	0.564928	0.409887	0.468412	-2.13487	0.957521	1.04911	1.04911	0.333893	2.45245	2.45245	0.904245	0.897336	-1.11441	0.252005	0.3405289	-2.93609	0.393753	0.45553	-2.19524	0.0966404	0.193658	-5.16375	0.365367	0.432949	-2.30974	0.974157	0.971264	-1.02959	0.8994492	11.5415	11.4054	1
cg07030559	EPHA1;AX;FLI1;1235	0.564929	0.175715	0.455303	-2.19634	0.947706	1.035649	1.035649	0.5558262	1.38164	1.38164	0.313804	0.57999	-1.72417	0.2740925	0.8239326	-1.2137	0.199445	0.467214	-2.09256	0.1266575	0.405423	-2.46653	0.433325	0.6451687	-1.54946	0.4505991	0.657	-1.52207	0.8994949	4.25409	4.20395	1
cg09988693	CDKN3;CDKN3	0.564931	0.0506726	0.105999	-9.38001	0.594159	0.582359	-1.71715	0.713474	1.44833	1.44833	0.66684	0.647	-1.5456	0.477735	0.483992	-2.06615	0.503317	0.9795	-1.0795	0.194153	1.59618	1.59618	0.790401	0.765051	-1.3071	0.41815	0.43528	-2.29737	0.8994487	14.3986	14.229	1
cg23927469	TBC1D14	0.564933	0.947211	1.04431	1.04431	0.785621	1.19547	1.19547	0.233993	0.4416891	-2.26404	0.05027	0.43128	4.31219	0.812544	0.855926	-1.16833	0.943025	0.954273	-1.04792	0.762627	1.219411	1.21941	0.908867	1.07787	1.07787	0.6031961	1.40872	1.40872	0.8994884	0.10905	0.03709	1
cg14415733	BMP6A	0.564933	0.921908	0.939129	-1.06482	0.722975	2.153527	2.153527	0.449363	1.65719	1.65719	0.816611	0.804756	-1.16042	0.572257	0.69385	-1.44121	0.448806	0.610228	-1.63907	0.861059	0.8938661	-1.11874	0.137205	2.788	2.788	0.323685	1.920099	1.920099	0.844368	5.843886	5.77573	1
cg07826058	MBTPS2	0.564938	0.167748	0.226657	-4.41195	0.987939	0.984856	-1.01538	0.6059391	0.5913457	-1.69107	0.16337	0.48978	4.48978	0.6099904	0.594833	-1.68114	0.167627	0.226549	-4.41406	0.88698	1.15438	1.15438	0.90182	1.13269	1.13269	0.9635788	0.7407118	1.04718	0.8994975	14.5185	14.3476	1
cg16597132	MYCN;MYCNOS	0.564938	0.440088	0.916503	-1.09124	0.5064	1.42926	1.42926	0.136291	1.52868	1.52868	0.741592	0.916227	-1.09143	0.753798	0.920159	-1.08677	0.74124	1.09158	1.09158	0.214022	1.41328	1.41328	0.783679	1.07547	1.07547	0.631961	0.880213	-1.13609	0.8994475	0.995882	0.984161	1
cg26619296	ADAR2	0.564955	0.413372	0.99563	1.09963	0.330935	1.863516	1.863516	0.272668	2.57562	2.57562	0.74154	0.2741	2.7541	0.6215106	1.51116	1.51116	0.369415	0.24657	-2.14657	0.2327338	2.85826	2.85826	0.131395	3.85597	3.85597	0.3080551	2.39719	2.39719	0.8994974	9.78223	9.66711	1
cg09755039	LSP2;LUSP21	0.564942	0.350042	2.72562	2.72562	0.377385	2.57064	2.57064	0.272325	0.30391	-3.29045	0.445353	2.25006	2.25006	0.596764	0.573178	-1.74466	0.497701	2.04956	2.04956	0.84103	1.23286	1.23286	0.159864	0.208993	-4.78484	0.7164	0.683661	-1.46271	0.8994469	15.4788	15.2967	1
cg18245976	WDR60	0.564944	0.251769	0.693527	-1.44191	0.2525	1.42496	1.42496	0.1262	1.70826	1.70826	0.889439	-1.1243	0.533139	0.8238405	1.25498	1.25498	0.270497	0.706472	-1.41548	0.2850851	1.40408	1.40408	0.272301	1.41091	1.41091	0.4405559	0.7980404	-1.27177	0.372231	0.7557668	1.32316	1.32316	0.8994962	13.3306	13.1153	1
cg13582446	TMEM109	0.564953	0.346074	1.26847	1.26847	0.348293	1.267	1.267	0.750984	1.0783	1.0783	0.868568	1.04142	1.04142	0.994596	1.39986	1.39986	0.303606	1.2984	1.2984	0.360819	0.7972291	-1.25434	0.246275	1.34604	1.34604	0.198467	1.39523	1.39523	0.8994951	0.8556638	0.84559	1
cg02738887	LMF1	0.564953	0.343132	0.788514	-1.26821	0.220958	1.36758	1.36758	0.62658	1.63763	1.63763	0.603017	0.90768	-1.10171	0.252864	0.7473498	-1.33717	0.615885	0.884207	-1.13096	0.2872052	1.12255	1.12255	0.125278	0.747807	-1.33724	0.33179	0.7838	-1.27584	0.8994152	0.8833269	1	
cg14483856	ABL1	0.564965	0.374965	1.33825	1.33825	0.943991	0.977534	-1.02298	0.577265	0.835131	-1.19742	0.107991	1.75265	1.75265	0.264493	1.45081	1.45081	0.142183	1.65676	1.65676	0.923916	0.3103	0.830331	1.07107	1.07107	0.838908	0.936946	-1.0673	0.894311	0.945836	1.44126	1	
cg20176532	ZNF256;ZNF256	0.564973	0.707371	1.07753	1.07753	0.576423	0.894274	-1.11822	0.284513	0.6208818	-1.24623	0.247959	0.7872795	-1.27017	0.160856	0.743374	-1.34522	0.846721	1.03906	1.03906	0.13603	0.7227554	-1.37447	0.812686	1.04812	1.04812	0.762301	1.0619	1.0619	0.8994918	0.55845	0.551913	1
cg10669159	RPS6KA2	0.564979	0.557572	1.02149	1.02149	0.872355	1.03582	1.03582	0.9373	0.9193574	-1.08752	0.2020011	1.1868083	1.16268	0.2722595	0.7907545	-1.26512	0.868405	1.00539	1.00539	0.9202632	1.15197	1.15197	0.488521	0.9079545	-1.10187	0.6274414	1.06976	1.06976	0.8994889	0.2707727	0.26757	1
cg23985077	BFSP1;BFSP1	0.564983	0.339237	0.758147	-1.31901	0.364798	1.29921	1.29921	0.999921	1.00003	1.00003	0.946697	0.01897	1.01897	0.0968898	0.599167	-1.66898	0.848216	1.05534	1.05534	0.195817	0.6807779	-1.46891	0.600407	0.861944	-1.16017	0.7829447	1.08071	1.08071	0.8994402	1.12545	1.1123	1
cg14198291	LOC646762	0.564984	0.337846	1.11715	1.11715	0.585291	1.16495	1.16495	0.2872468	1.15273	1.15273	0.543557	0.97141	1.07141	0.8184835	1.12485	1.12485	0.673775	1.04885	1.04885	0.5596	1.112337	1.11237	0.588151	1.10305	1.10305	0.8728663	1.25149	1.25149	0.8994	0.179066	0.1769473	1
cg12356155	DNAH2	0.564985	0.76983	1.10888	1.10888	0.219145	0.634317	-1.5765	0.151114	0.581637	-1.71929	0.348856	1.40455	1.40455	0.361413	1.39162	1.39162	0.806064	1.09051	1.09051	0.627858	0.841925	-1.18775	0.508402	0.780525	-1.26658	0.517069	0.793438	1.26034	0.8993399	1.76742	1.74677	1
cg00594128	ZNF679;ZNF679 GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.564988	0.635367	0.614018	-1.62862	0.774733	0.747178	-1.33837	?	?	?	?	?	?	?	?	?	?	0.237043	0.266457	-3.75295	0.234088	0.263779	-3.79105	0.8401448	5.28113	6.28596	1
cg23324537	GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.564991	0.265699	0.466889	-2.14183	0.343755	1.89738	1.89738	0.598361	0.70534	-1.41776	0.821771	0.862286	-1.15971	0.341414	0.525304	-1.90366	0.469051	0.656472	-1.62213	0.138491	0.350872	-2.85004	0.637612	1.36558	1.36558	0.276462	1.475504	-2.10303	0.8993391	6.14288	6.07115	1
cg03392046	CCDC75;HEATR5B;CCDC75	0.564992	0.434649	0.688599	-1.45222	0.253221	1.74807	1.74807	0.781516	1.13897	1.13897	?	?	?	0.973491	0.984568	-1.01567	?	?	?	0.842497	1.09759	1.09759	0.333355	1.59525	1.59525	0.1252115	2.17435	2.17435	0.8273326	2.35393	3.08395	1
cg08158675	PCNXL2	0.564996	0.687841	0.673293	-1.48524	0.560449	1.77989	1.77989	0.841602	1.21649	1.21649	0.872205	0.854135	-1.17077	0.578343	0.570714	-1.73106	0.809829	0.799687	-1.25032	0.0556644	0.119584	-8.3623	0.453621	2.11205	2.11205	0.41825	2.24816	2.24816	0.8993382	13.6632	13.5038	1
cg04029564	KLHL13;KLHL13;KLHL13	0.564998	0.351477	0.788514	-1.26821	0.220958	1.36758	1.36758	0.62658	1.63763	1.63763	0.603017	0.90768	-1.10171	0.252864	0.7473498	-1.33717	0.615885	0.884207	-1.13096	0.2872052	1.12255	1.12255	0.125278	0.747807	-1.33724	0.33179	0.7838	-1.27584	0.8994152	0.8833269	1	
cg18960028	UVRAG	0.56501	0.137408	1.41188	1.41188	0.963039	0.990059	-1.01004	0.425065	0.83894	-1.19198	0.263614	1.28561	1.28561	0.267542	1.28275	1.28275	0.885763	1.03148	1.03148	0.381494	0.824061	-1.2135	0.599113	0.891937	-1.12116	0.962282	1.00915	1.00915	0.8993959	0.6620357	0.65433	1
cg05110486	ARID3A	0.565018	0.959956	1.04176	1.04176	0.913202	1.04249	1.04249	0.953586	1.48573	1.48573	0.744016	0.36061	2.77305	0.1150906	2.32507	2.32507	0.813744	0.958503	1.04325	0.5650606	0.901933	1.10873	0.548864	0.6675	1.49813	0.00118	0.9296	1.07572	0.951596	1.03631	1.03631	0.8993333	0.97131	0.88021	1
cg16336436	TTLL5	0.565026	0.151136	0.440996	-2.46916	0.460041	0.642778	-1.55575	0.193139	0.345228	-2.24604	0.464302	1.54902	1.54902	0.296365	0.48287	2.07095	0.236989	0.48289	-2.07087	0.498	0.20781	-4.81183	0.00118	0.92961	-1.07572	0.951596	1.03631	1.03631	0.8993333	0.97131	0.88021	1
cg25028855	EXTL3	0.565042	0.799679	0.897443	-1.11428	0.720325	0.858142	-1.16531	0.724056	1.16281	1.16281	0.38321	1.46303	1.46303	0.501199	0.747885	-1.3371	0.531073	0.763381	-1.30996	0.100889	0.465528	-2.1481	0.163038	0.530676	-1.88439	0.717577	1.16715	1.16715	0.8993908	2.57914	2.54925	1
cg17196155	KIAA0513	0.565043	0.607597	1.07753	1.07753	0.576423	0.894274	-1.11822	0.284513	0.6208818	-1.24623	0.247959	0.7872795	-1.27017	0.160856	0.743374	-1.34522	0.846721	1.03906	1.03906	0.13603	0.7227554	-1.37447	0.812686	1.04812	1.04812	0.762301	1.0619	1.0619	0.8994918	0.55845	0.551913	1
cg10069159	RPS6KA2	0.565079	0.557572	1.02149	1.02149	0.872355	1.03582	1.03582	0.9373	0.9193574	-1.08752	0.2020011	1.1868083	1.16268	0.2722595	0.7907545	-1.26512	0.868405	1.00539	1.00539	0.9202632	1.15197	1.15197	0.488521	0.9079545	-1.10187	0.6274414	1.06976	1.06976	0.8994889	0.2707727	0.26757	1
cg23985077	BFSP1;BFSP1	0.564983	0.339237	0.758147	-1.31901	0.364798	1.29921	1.29921	0.999921	1.00003	1.00003	0.946697	0.01897	1.01897	0.0968898	0.599167	-1.66898	0.848216	1.05534	1.05534	0.195817	0.6807779	-1.46891	0.600407	0.861944	-1.16017	0.7829447	1.08071	1.08071	0.8994402	1.12545	1.1123	1
cg14198291	LOC646762	0.564984	0.337846	1.11715	1.11715	0.585291	1.16495	1.16495	0.2872468	1.15273	1.15273	0.543557	0.97141	1.07141	0.8184835	1.12485	1.12485	0.673775	1.04885	1.04885	0.5596	1.112337	1.11237	0.588151	1.10305	1.10305	0.8728663	1.25149	1.25149	0.8994	0.179066	0.1769473	1
cg12356155	DNAH2	0.564985	0.76983	1.10888	1.10888	0.219145	0.634317	-1.5765	0.151114	0.581637	-1.71929	0.348856	1.40455	1.40455	0.361413	1.39162	1.39162	0.806064	1.09051	1.09051	0.627858	0.841925	-1.18775	0.508402	0.780525	-1.26658	0.517069	0.793438	1.26034	0.8993399	1.76742	1.74677	1
cg00594128	ZNF679;ZNF679 GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.564988	0.635367	0.614018	-1.62862	0.774733	0.747178	-1.33837	?	?	?	?	?	?	?	?	?	?	0.237043	0.266457	-3.75295	0.234088	0.263779	-3.79105	0.8401448	5.28113	6.28596	1
cg23324537	GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.564991	0.265699	0.466889	-2.14183	0.343755	1.89738	1.89738	0.598361	0.70534	-1.41776	0.821771	0.862286	-1.15971	0.341414	0.525304	-1.90366	0.469051	0.656472	-1.62213	0.138491	0.350872	-2.85004	0.637612	1.36558	1.36558	0.276462	1.475504	-2.10303	0.8993391	6.14288	6.07115	1
cg03392046	CCDC75;HEATR5B;CCDC75	0.564992	0.434649	0.688599	-1.45222	0.253221	1.74807	1.74807	0.781516	1.13897	1.13897	?	?	?	0.973491	0.984568	-1.01567	?	?	?	0.842497	1.09759	1.09759	0.333355	1.59525	1.59525	0.1252115	2.17435	2.17435	0.8273326	2.35393	3.08395	1
cg08158675	PCNXL2	0.564996	0.687841	0.673293	-1.48524	0.560449	1.77989	1.77989	0.841602	1.21649	1.21649	0.872205	0.854135	-1.17077	0.578343	0.570714	-1.73106	0.809829	0.799687	-1.25032	0.0556644	0.119584	-8.3623	0.453621	2.11205	2.11205	0.41825	2.24816	2.24816	0.8993382	13.6632	13.5038	1
cg04029564	KLHL13;KLHL13;KLHL13	0.564998	0.351477	0.788514	-1.26821	0.220958	1.36758	1.36758	0.62658	1.63763	1.63763	0.603017	0.90768	-1.10171	0.252864	0.7473498	-1.33717	0.615885	0.884207	-1.13096	0.2872052	1.12255	1.12255	0.125278	0.747807	-1.33724	0.33179	0.7838	-1.27584	0.8994152	0.8833269	1	
cg18960028	UVRAG	0.56501	0.137408	1.41188	1.41188	0.963039	0.990059	-1.01004	0.425065	0.83894	-1.19198	0.263614	1.28561	1.28561	0.267542	1.28275	1.28275	0.885763	1.03148	1.03148	0.381494	0.824061	-1.2135	0.599113	0.891937	-1.12116	0.962282	1.00915	1.00915	0.8993959	0.6620357	0.65433	1
cg05110486	ARID3A	0.565018	0.959956	1.04176	1.04176	0.913202	1.04249	1.04249	0.953586	1.48573	1.48573	0.744016	0.36061	2.77305	0.1150906	2.32507	2.32507	0.813744	0.958503	1.04325	0.5650606	0.901933	1.10873	0.548864	0.6675	1.49813	0.00118	0.9296	1.07572	0.951596	1.03631	1.03631	0.8993333	0.97131	0.88021	1
cg16336436	TTLL5	0.565026	0.151136	0.440996	-2.46916	0.460041	0.642778	-1.55575	0.193139	0.345228	-2.24604	0.464302	1.54902	1.54902	0.296365	0.48287	2.07095	0.236989	0.48289	-2.07087	0.498	0.20781	-4.81183	0.00118	0.92961	-1.07572	0.951596	1.03631	1.03631	0.8993333	0.97131	0.88021	1
cg25028855	EXTL3	0.565042	0.799679	0.897443	-1.11428	0.720325	0.858142	-1.16531	0.724056	1.16281	1.16281	0.38321	1.46303	1.46303	0.501199	0.747885	-1.3371	0.531073	0.763381	-1.30996	0.100889	0.465528	-2.1481	0.163038	0.530676	-1.88439	0.717577	1.16715	1.16715	0.8993908	2.57914	2.54925	1
cg17196155	KIAA0513	0.565043	0.607597	1.07753	1.07753	0.576423	0.894274	-1.11822	0.284513	0.6208818	-1.24623	0.247959	0.7872795	-1.27017	0.160856	0.743374	-1.34522	0.846721	1.03906	1.03906	0.13603	0.7227554	-1.37447	0.812686	1.04812	1.04812	0.762301	1.0619	1.0619	0.8994918	0.55845	0.551913	1
cg10069159	RPS6KA2	0.565079	0.557572	1.02149	1.02149	0.872355	1.03582	1.03582	0.9373	0.9193574	-1.08752	0.2020011	1.1868083	1.16268	0.2722595	0.7907545	-1.26512	0.868405	1.00539	1.00539	0.9202632	1.15197	1.15197	0.488521	0.9079545	-1.10187	0.6274414	1.06976	1.06976	0.8994889	0.2707727	0.26757	1
cg23985077	BFSP1;BFSP1	0.564983	0.339237	0.758147	-1.31901	0.364798	1.29921	1.29921	0.999921	1.00003	1.00003	0.946697	0.01897	1.01897	0.0968898	0.599167	-1.66898	0.848216	1.05534	1.05534	0.195817	0.6807779	-1.46891	0.600407	0.861944	-1.16017	0.7829447	1.08071	1.08071	0.8994402	1.12545	1.1123	1
cg14198291	LOC646762	0.564984	0.337846	1.11715	1.11715	0.585291	1.16495	1.16495	0.2872468	1.15273	1.15273	0.543557	0.97141	1.07141	0.8184835	1.12485	1.12485	0.673775	1.04885	1.04885	0.5596	1.112337	1.11237	0.588151	1.10305	1.10305	0.8728663	1.25149	1.25149	0.8994	0.179066	0.1769473	1
cg12356155	DNAH2	0.564985	0.76983	1.10888	1.10888	0.219145	0.634317	-1.5765	0.151114	0.581637	-1.71929	0.348856	1.40455	1.40455	0.361413	1.39162	1.39162	0.806064	1.09051	1.09051	0.627858	0.841925	-1.18775	0.508402	0.780525	-1.26658	0.517069	0.793438	1.26034	0.8993399	1.76742	1.74677	1
cg00594128	ZNF679;ZNF679 GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.564988	0.635367	0.614018	-1.62862	0.774733	0.747178	-1.33837	?	?	?	?	?	?	?	?	?	?	0.237043	0.266457	-3.75295	0.234088	0.263779	-3.79105	0.8401448	5.28113	6.28596	1
cg23324537	GOLSYN;GOLSYN;GOLSYN;GOLSYN	0.564991	0.265699	0.466889	-2.14183	0.343755	1.89738	1.89738	0.598361	0.70534	-1.41776	0.821771	0.862286	-1.15971	0.341414	0.525304	-1.90366	0.469051	0.656472	-1.62213	0.138491	0.350872	-2.85004	0.637612	1.36558	1.36558	0.276462	1.475504	-2.10303	0.8993391	6.14288	6.07115	1
cg03392046	CCDC75;HEATR5B;CCDC75	0.564992	0.434649	0.688599	-1.45222	0.253221	1.74807	1.74807	0.781516	1.13897	1.13897	?	?	?	0.973491	0.984568	-1.01567	?	?	?	0.842497	1.09759	1.09759	0.333355	1.59525	1.59525	0.1252115	2.17435	2.17435	0.8273326	2.35393	3.08395	1
cg08158675	PCNXL2	0.564996	0.687841	0.673293	-1.48524	0.560449	1.77989	1.77989	0.841602	1.21649	1.21649	0.872205	0.854135	-1.17077	0.578343	0.570714	-1.73106	0.809829	0.799687	-1.25032	0.0556644	0.119584	-8.3623	0.453621	2.11205	2.11205	0.41825	2.24816	2.24816	0.8993382	13.6632	13.5038	1
cg04029564	KLHL13;KLHL13;KLHL13	0.564998	0.351477	0.788514	-1.26821	0.220958	1.36758	1.36758	0.62658	1.63763	1.63763	0.603017	0.90768	-1.10171	0.252864	0.7473498	-1.33717	0.615885	0.884207	-1.13096	0.2872052	1.12255	1.12255	0.125278	0.747807	-1.33724	0.33179	0.7838	-1.27584	0.8994152	0.8833269	1	

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg15840638	RASGRF1;RASGRF1;RASGRF1	0.565653	0.48148	1.19132	0.11932	1.546121	0.10101	1.10301	0.76492	1.04838	0.14838	0.479636	0.11987	1.11987	0.93817	1.0123	1.0123	1.02424	0.41267	1.02424	0.41267	0.876388	1.14105	0.41442	1.13388	0.898322	0.353099	0.349391	1
cg24804707	TG;SLA;SLA	0.565656	0.94445	0.96215	-1.03934	0.517599	1.43799	1.43799	0.34639	0.584529	-1.71078	0.961562	1.02705	1.02705	0.004496	1.06872	0.980732	0.986717	-1.01346	0.753083	0.839674	-1.19094	0.898317	4.36216	4.31638	1
cg17188901	KCNH2;KCNH2	0.56566	0.456547	1.62698	1.62698	0.532543	0.666458	-1.50047	0.139226	2.77744	2.77744	0.313592	1.95228	1.95228	0.379533	0.55635	-1.79743	0.660104	0.752716	-1.32852	0.441669	1.65465	1.65465	0.544008	1.48321	1.48321	0.500222	0.644527	-1.55153	0.898311	5.86195	5.80047	1
cg16773162	RFX4;RFX4	0.565659	0.648031	0.721423	-1.38615	0.454758	0.582211	-1.71759	0.478568	0.598045	-1.66832	0.999272	1.00065	1.00065	0.127839	0.310405	-3.22066	0.178314	0.362031	-2.76219	0.263383	0.436915	-2.28867	0.141568	0.325305	-3.07404	0.810739	1.18583	0.8983	7.18092	7.10568	1
cg08327903	UGT8	0.565675	0.418158	2.58838	2.58838	0.366603	0.20348	2.90438	0.853647	0.808745	-1.23648	0.459785	2.3754	2.3754	0.257308	3.93613	3.93613	0.402823	2.67559	2.67559	0.203415	4.67972	0.847004	8.75135	0.241971	4.0869	0.898286	18.7995	18.6028	1
cg27586068	DOHH;DOHH	0.565681	0.307657	2.02583	2.02583	0.685622	0.761798	-1.23168	0.277463	0.468967	-2.12781	0.459824	0.604641	-1.65307	0.579553	1.45374	1.45374	0.224231	2.34797	2.34797	7	?	?	0.326422	1.96866	1.96866	0.870513	0.896672	-1.11523	0.886312	5.57687	6.29221	1
cg04085707	MAPK8IP3;MAPK8IP3	0.565701	0.651012	1.2718	1.2718	0.6615679	3.03986	3.03986	0.307915	1.74583	1.74583	0.52262	1.40791	1.40791	0.90782	0.940676	-1.06307	0.736232	1.19543	1.19543	0.398577	0.63361	-1.57826	0.334865	1.69063	1.69063	0.619029	1.30298	1.30298	0.898244	3.96579	3.92448	1
cg11424375	TSPAN2	0.565746	0.158546	1.23717	1.23717	0.520977	0.104453	1.08642	0.253226	1.041	1.041	0.798614	0.967951	1.03111	0.52786	0.921168	-1.08558	0.814027	0.970423	-1.03048	0.910084	0.8723994	-1.14627	0.180795	0.834998	-1.19947	0.3122	0.880332	-1.11593	0.898226	0.230924	0.228523	1
cg23249868	GNA12	0.565759	0.684649	1.25535	2.297169	1.82575	1.82575	0.532361	1.42984	1.420796	0.801995	1.97239	1.97239	1.97239	0.724802	1.21462	1.21462	0.99165	1.00585	1.00585	0.243816	1.97229	0.9172	0.045706	2.58214	1.53445	0.41967	0.419167	0.898214	4.41307	4.36726	1
cg26981781	CDL11A2;CDL11A2;CDL11A2	0.56572	0.293391	0.726935	-1.37564	0.172953	1.52858	1.52858	0.738231	0.906523	-1.10312	0.461127	0.80289	-1.2455	0.353553	0.756316	-1.3222	0.803256	1.07577	1.07577	0.266182	1.40354	1.40354	0.791499	1.08061	1.08061	0.481793	0.811233	-1.23269	0.898213	1.21793	1.20529	1
cg21211418	KIAA0145	0.565728	0.214593	1.23317	1.23317	0.6129	0.56154	1.34119	0.154077	0.644079	0.972364	-1.07833	0.653781	0.884032	0.281152	1.17405	1.17405	0.256764	0.827065	-1.20917	0.209437	1.18829	0.879431	0.979944	-1.02465	0.941454	1.01185	1.018185	0.899201	0.366077	0.362282	1
cg23411876	LOC100134713;NDUFB2	0.56573	0.36807	1.24097	0.969821	0.991025	-1.00887	0.608947	0.88649	-1.12804	0.100983	0.656848	-1.52242	0.875746	0.96412	-1.03721	0.88407	0.723013	-1.38502	0.44911	0.95387	0.653875	1.53012	0.7616	1.23117	1.23117	0.338545	0.555004	1.80179	0.898182	5.06094	5.01452	1
cg20981003	GPR123	0.565734	0.418706	0.625173	0.625173	0.543857	0.216161	1.26106	0.489083	0.657433	-1.52107	0.870368	0.907126	-1.10238	0.062934	0.330885	-3.40596	0.183666	-1.35139	0.290575	0.20222	2.02022	0.395962	1.74404	1.74404	0.98581	1.0114	1.0114	0.241324	2.10772	2.10772	0.893462	5.00433	4.90092	1
cg27385940	TAPBP;TAPBP;TAPBP	0.56575	0.49656	0.482594	-2.07214	0.153107	0.5319	0.5319	0.291351	3.22979	3.22979	?	?	?	?	?	?	0.494186	2.08092	2.08092	0.242042	2.33497	0.23497	0.322408	2.97793	2.97793	0.902846	11.1447	8.81711	1
cg16147706	LOC400911;MRLE17B	0.565755	0.811845	1.15396	-1.15396	0.240807	1.71598	1.71598	0.160051	1.90255	1.90255	0.330355	1.55437	1.55437	0.488131	0.73397	-1.36245	0.464844	1.22454	1.22454	0.225165	1.74857	0.171106	1.89634	1.48758	1.89634	0.887558	1.74857	0.171106	1.89634	0.887558	1.36303	1.36303	0.898159	2.7426	2.7146	1
cg16367027	C9orf43;POLE3;POLE3	0.565765	0.198421	0.295412	-3.38511	0.62935	0.646412	-1.547	0.252127	0.341884	-2.92497	0.735485	1.35556	1.35556	0.106717	0.205947	-4.85563	0.478365	0.523801	-1.90912	0.312203	0.391436	-2.5547	0.63426	0.65052	-1.53723	0.193679	0.291163	-3.4345	0.898141	11.4495	11.3316	1
cg24610866	WNT3A	0.565765	0.084406	0.562847	-1.77634	0.153642	1.5841	1.5841	0.957962	1.016	1.016	0.748548	1.30169	1.30169	0.875385	1.04839	1.04839	0.916456	1.0321	1.0321	0.90205	0.9636603	-1.03727	0.409917	0.775875	-1.28887	0.917576	1.03166	1.03166	0.898141	1.28982	1.27653	1
cg28718860	FBXL5	0.56577	0.444233	0.840851	-1.18927	0.512174	1.15921	1.15921	0.532142	1.15591	1.15591	0.2110318	1.34026	1.34026	0.187646	0.73397	-1.36248	0.442117	0.840147	-1.19027	0.656223	1.10469	1.10469	0.527556	0.867404	-1.15287	0.472267	0.850208	0.881733	0.755355	0.695324	0.695324	1
cg26715170	TMCO3	0.565775	0.24508	0.577752	-1.73085	0.099554	0.442862	-2.25804	0.884936	0.936753	-1.06752	0.64191	0.809524	-1.23529	0.384038	0.668495	-1.4959	0.24296	0.576194	-1.73553	0.401442	1.47328	1.47328	0.795425	1.12438	1.12438	0.669776	0.82402	-1.21356	0.898125	2.89586	2.86608	1
cg00358213	DOCK10	0.565781	0.194745	0.627634	1.459338	0.550754	0.818849	-1.12321	0.092216	0.532913	-1.97648	0.823687	0.92702	-1.07873	0.546889	0.812906	-1.23002	0.782314	1.08861	1.08861	0.345018	0.71872	-1.39136	0.960923	0.744868	-1.34255	0.44319	1.30408	0.898115	1.64034	1.62349	1
cg22795218	TCF7L2;TCF7L2;TCF7L2;

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg16470000	SPAG17	0.566504	0.304098	2.0928	0.2028	3.54516	0.653851	-1.5294	0.781972	0.824898	-1.21227	0.700889	0.767312	-1.30325	0.16448	0.357319	-2.79862	0.781418	0.824483	-1.21288	0.450167	1.70557	1.70557	0.173745	2.72963	2.72963	0.696464	1.3126	1.3126	0.896049	6.83914	6.77768	1
cg10156905	R3HDML;R3HDML	0.566521	0.824622	0.872277	-1.14643	0.972363	1.02156	1.02156	0.168979	0.40564	-2.46524	0.674516	1.29699	1.29699	0.13635	0.372283	-2.68613	0.609635	0.72829	-1.37308	0.912118	0.802517	-1.24608	0.210441	0.443746	-2.25354	0.177106	0.413433	-2.41877	0.896922	5.384473	5.3365	1
cg22078869	PCBD2	0.566523	0.420857	0.602438	-1.65992	0.712653	1.25604	1.25604	0.246867	2.109	2.109	0.324275	1.87262	1.87262	0.538474	1.46787	1.46787	0.631342	1.34708	1.34708	0.418717	0.60097	-1.66398	0.168748	0.26869	2.46869	0.281722	1.99256	1.99256	0.896919	5.3948	5.3465	1
cg07781082	PGK1	0.566523	0.171202	0.0339264	-29.4796	0.8845458	0.715919	-1.39651	0.978099	1.0691	1.0653	0.311961	11.107	11.107	0.264622	14.7491	14.7491	0.246683	0.0604824	-16.5337	0.48283	5.17837	5.17837	0.872017	1.44898	1.44898	0.781297	1.80719	1.80719	0.904086	74.1526	63.7929	1
cg20427331	INTS6;INTS6	0.566523	0.6783	0.901587	-1.10915	0.6549923	0.582488	-1.71677	0.674267	1.1107	1.1107	0.692796	0.906086	-1.10565	0.297140	0.764557	-1.30795	0.682691	1.10748	1.10748	0.789564	0.935724	-1.06869	0.598814	1.14095	1.14095	0.414945	0.813045	-1.22994	0.896918	0.876294	0.868449	1
cg12923203	SEMA4B;SEMA4B	0.566534	0.718181	0.934436	-1.09357	0.866814	0.959419	-1.0423	0.388601	0.80406	-1.24369	0.80779	1.062	1.062	0.503936	0.845873	-1.18221	0.187468	1.41167	1.41167	0.0895979	1.58709	1.58709	0.903069	1.03053	1.03053	0.77472	1.07339	1.07339	0.896902	0.865302	0.857571	1
cg02740969	TBXAS1;TBXAS1;HIPK2;HIPK2;PHACTR3;PHACTR3;PHACTR3;PHACTR3	0.566544	0.645135	0.796907	-1.25485	0.923589	0.95412	-1.04809	0.614405	1.28234	1.28234	0.622356	1.2751	1.2751	0.785113	1.14316	1.14316	0.52627	1.36937	1.36937	0.386175	0.647334	-1.5448	0.5398	1.3551	1.3551	0.048952	3.00601	3.00601	0.896885	3.40428	3.37393	1
cg12500055	;PHACTR3	0.566577	0.522822	1.29377	0.228197	0.604708	-1.65369	0.492522	0.757898	-1.31944	0.217424	1.2207	1.2207	1.2207	0.820512	1.09459	1.09459	0.16233	1.80994	1.80994	0.468696	1.34071	1.34071	0.917555	0.959657	-1.04204	0.896832	2.24658	2.22668	1
cg22127491	NDUFC1	0.566584	0.884211	1.1424	1.1424	0.570242	1.69033	1.69033	0.508597	0.541232	-1.84764	0.145321	4.23888	4.23888	7	7	7	0.30046	2.67909	2.67909	0.702096	1.42093	1.42093	0.126578	4.60956	4.60956	0.818785	1.23329	1.23329	0.892022	10.2581	10.0624	1
cg04820194	FAM108A	0.566589	0.54443	1.15165	1.15165	0.867514	1.12644	1.12644	0.949	0.615364	1.09358	1.09358	0.913	0.913	0.466556	0.893198	0.767312	-1.30325	0.16448	0.357319	-2.79862	0.893462	1.02416	1.02416	0.134885	1.32906	1.32906	0.954045	0.847202	-1.16602	0.338853	1.19005	1.19005	0.896813	0.442422	0.438513	1
cg22452170	PTPRN2;PTPRN2	0.566592	0.481663	1.28794	1.28794	0.714956	1.13857	1.13857	0.108927	0.538716	-1.85627	0.381691	0.728006	-1.37361	0.763878	1.11248	1.11248	0.482212	0.776685	-1.28752	0.246505	1.5354	1.5354	0.85482	0.895081	-1.11722	0.590613	0.825185	-1.21185	0.896808	1.7781	1.7624	1
cg03531794	FAM83A;FAM83A	0.566606	0.815549	0.840568	-1.18096	0.588866	1.49777	1.49777	0.752863	0.752112	1.25212	0.798842	0.801248	-1.24849	0.0155833	0.712584	-0.70924	0.719491	0.7669	1.30395	0.674572	1.39055	1.39055	0.150906	0.616447	-1.57117	0.861307	0.882961	-1.13255	0.896794	7.19656	7.132272	1
cg08209483	LONRF1;LONRF3	0.566612	0.192735	0.199232	-5.01927	0.516004	0.462678	-2.16133	0.871324	0.827201	-1.2089	0.831296	1.31731	1.31731	0.252033	0.40564	-2.46544	0.243748	0.239953	-4.16747	0.40871	0.371994	-2.68822	0.799092	0.741949	-1.3478	0.976288	1.03539	1.03539	0.896775	19.4515	19.2805	1
cg01013600	DBP;SEC1	0.566617	0.183577	0.759932	-1.31591	0.37883	1.19206	1.19206	0.287792	1.23954	1.23954	0.99181	1.00027	1.00027	0.379077	0.838966	-1.19194	0.173679	0.75454	-1.32531	0.953551	1.08113	1.08113	0.856124	1.03595	1.03595	0.841155	0.961707	-1.03982	0.896768	0.537723	0.532999	1
cg21603006	DAZAP1;DAZAP1	0.566617	0.884971	1.1106	1.1106	0.230451	0.748824	0.24858	0.520561	1.60312	1.60312	0.660934	1.0067	1.0067	0.139758	0.316113	-3.16337	0.29284	0.455469	-2.20522	0.409425	1.94092	1.94092	0.542972	1.84172	1.84172	0.904425	1.09095	1.09095	0.450971	0.573162	1.74471	0.896768	7.45874	7.39321	1
cg02046340	RNF114	0.566622	0.781635	0.926897	-1.07887	0.32829	1.3174	1.3174	0.972914	1.00932	1.00932	0.319753	0.755109	-1.32431	0.403842	0.791861	-1.26285	0.329202	0.759489	-1.31668	0.765881	0.921658	-1.085	0.333363	1.31338	1.31338	0.199021	1.44884	1.44884	0.896759	1.06004	1.05074	1
cg24087438	ITGA6;ITGAE	0.566633	0.141157	0.0198518	-50.3732	0.655083	3.04521	3.04521	0.596296	2.860949	2.860949	0.675871	-1.35878	0.425639	7.449961	7.449961	0.621564	3.5804	3.5804	0.279721	2.60888	2.60888	0.600111	3.70652	3.70652	0.342126	2.9206	11.2926	0.237488	0.043837	-23.0512	0.896746	87.1158	86.3525	1
cg15208001	LMTK3	0.566632	0.581085	1.12955	1.12955	0.762078	0.856156	-1.16069	0.567517	1.32788	1.32788	0.876053	1.07961	1.07961	0.224726	0.534831	-1.86975	0.620882	1.27176	1.27176	0.685422	2.43276	2.43276	0.758414	1.16345	1.16345	0.350786	0.624201	-1.60205	0.896744	3.4203	3.39034	1
cg11168235	MIR548G;C3orf26	0.566634	0.326393	0.763175	-1.31031	0.519154	1.19043	1.19043	0.52918	1.18535	1.18535	0.329086	1.30822	1.30822	0.21539	1.41598	1.41598	0.242168	1.38613	1.38613	0.972229	0.990758	-1.00933	0.22087	1.40957	1.40957	0.290836	1.33962	1.33962	0.89674	1.01046	1.00162	1
cg04198014	ATP1A4;ATP1A4	0.566637	0.563708	1.14563	1.14563	0.833154	1.19447	1.19447	0.515963	0.785447	-1.27316	0.436487	1.22001	1.22001	0.684359	0.909338	-1.09977	0.676336	1.10273	1.10273	0.419341	1.35104	1.35104	0.819896	0.903703	-1.03171	0.288714	0.773723	-1.29245	0.896736	0.795575	0.763832	1
cg10716194	PTPN	0.566654	0.248143	0.739593	-1.3521	0.76236	1.07872	1.07872	0.355607	1.26798	1.26798	0.640092	0.888997	-1.12486	0.925605	1.02332	1.02332	0.616413	1.345	1.345	0.594322	1.14375	1.14375	0.758127	0.925727	-1.08023	0.878848	1.62842	1.62842	0.896708	0.886859	0.878868	1
cg11881835	MKNK2;MKNK2	0.566662	0.725392	1.09392	1.09392	0.976535	0.85486	-1.16561	0.703287	1.19728	1.19728	0.837284	0.808813	-1.23638	0.403155	1.55056	1.55056	0.856485	0.898203	-1.11333	0.0519795	0.269502	-3.71055	0.778936	1.18162	1.18162	0.805709	0.864031	-1.15737	0.896695	4.99462	4.95114	1
cg01074762	EGR1	0.566662	0.830067	0.88033	-1.13594	0.349988	1.76919	1.76919	0.551852	0.699793	-1.42899	0.67282	1.28645	1.28645	0.441816	0.628068	1.59218	0.856485	0.898203	-1.11333	0.0519795	0.269502	-3.71055	0.778936	1.18162	1.18162	0.805709	0.864031	-1.15737	0.896695	4.99462	4.95114	1
cg20621945	GTF2H4	0.566665	0.943072	0.963658	-1.03771	0.72503	0.832716	-1.20089	0.56897	0.742005	-1.3477	0.71063	0.469373	-2.1305	0.685163	0.809544	-1.23526	0.955558	0.971525	-1.02931	0.0633905	0.033886	-29.5102	0.669641	1.24916	1.24916	0.264091	0.546941	-1.82835	0.896889	3.81598	3.78278	1
cg00791406	GRIN2B	0.566666	0.775262	1.09131	1.09131	0.857821	0.916706	-1.09086	0.523917	0.794153	-1.25911	0.445341	0.713753	-1.40104	0.0178425	0.558078	-1.79186	0.634883	1.57563	1.57563	0.0984425	0.1009	-9.91121	0.0633	1.30728	1.30728	0.0829317	0.764914	-1.30742	0.896688	3.14025	3.1312	1
cg01577821	SIDT1	0.566676	0.414685	2.06334	2.06334	0.118529	4.3584	4.3584	0.502175	1.807	1.807	0.398325	2.1196	2.1196	0.654029	0.675777	-1.47978	0.539918	1.71582	1.71582	0.6683	0.68766	-1.45421	0.313053	2.47561	2.47561	0.143006	2.9255	3.9255	0.896672	10.7173	10.6243	1
cg04986095	GNG13;GNG13	0.566676	0.539055	1.07402	1.15092	0.67604	0.930662	-1.07435	0.830773	-1.2037	0.830773	0.830773	0.241968	0.709638	1.78982	0.822534	0.558927	-1.78911

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg26181396	CSMD2	0.56747	0.55935	0.673452	-1.46488	0.749858	0.807258	-1.23876	0.566077	1.47468	1.47468	0.0075598	1.3783	1.3783	?	?	?	?	?	?	?	?	?	?	0.743206	1.24983	0.848279	4.01639	6.31381	1
cg15853374	EIF3L;EIF3L	0.56748	0.662595	0.927471	-1.0782	0.321702	1.19193	1.19193	0.542763	1.11144	1.11144	0.600577	1.09483	1.09483	0.816413	1.04069	1.04069	0.945485	1.0118	1.0118	0.281314	0.825283	-1.21171	0.165151	1.28905	1.28905	0.160286	1.29338	1.29338	0.895379	0.417065	0.414042	1
cg14995036	BCAR1	0.56748	0.955664	1.0692	1.0692	0.3384644	7.29644	7.29644	0.843165	0.8485598	-1.17841	0.837804	0.843771	-1.18516	0.677443	0.707033	-1.41436	0.681953	0.71071	-1.40704	0.828341	0.835298	-1.19718	0.383232	2.09813	2.09813	0.936402	1.06837	1.06837	0.895373	9.74028	9.66975	1
cg13444361	RSHDM2	0.56748	0.756851	1.08369	1.08369	0.862781	1.04579	1.04579	0.512106	1.54505	1.54505	0.157906	1.47807	1.47807	0.205429	1.41301	1.41301	0.249697	1.36524	1.36535	0.576539	1.1572	1.1572	0.724435	0.912469	-1.09593	0.829366	0.945677	-1.05744	0.89537	0.94973	0.942856	1
cg07817810	SETD2	0.56748	0.112991	1.39718	1.39718	0.275047	0.802376	-1.2463	0.787676	1.05373	1.05373	0.753179	0.940671	-1.06307	0.602687	0.903189	-1.10719	0.178509	1.31935	1.31935	0.772491	1.05782	1.05782	0.986474	0.996767	-1.00324	0.770624	0.944894	1.05382	0.949345	0.533058	0.529212	1
cg08161163	YWAV;YWAV	0.56749	0.09373116	0.31793	-3.14535	0.45014	0.619781	-1.61347	0.947203	1.04203	1.04203	0.537379	0.678326	-1.47441	0.156599	0.388946	-2.56512	0.763154	0.827483	-1.20848	0.14102	0.373725	-2.67576	0.388458	0.577244	-1.73237	0.780731	0.840731	-1.18944	0.895337	5.48045	5.44098	1
cg20574381	ST5;ST5;ST5	0.56750	0.363663	1.93794	1.93794	0.675891	1.34714	1.34714	0.596825	0.6849937	-1.45986	0.268176	2.26461	2.26461	0.509408	0.622307	-1.60692	0.817538	1.17796	1.17796	0.176771	2.76659	2.76659	0.153955	2.94982	2.94982	0.354672	1.9637	1.9637	0.895336	7.12243	7.07114	1
cg27884674	CSNK1G1;CSNK1G1	0.56750	0.771606	1.14195	1.10395	0.575147	0.689805	-1.21217	0.598184	1.19806	1.19806	0.692269	0.8715752	-1.14473	0.469789	1.28374	1.28374	0.394841	1.34462	1.34462	0.362782	0.7314152	-1.39389	0.09544108	1.86352	1.86352	0.486583	0.786469	-1.27151	0.895334	1.63713	1.62935	1
cg24627312	FILIP1	0.56751	0.21231	0.233276	-4.28796	0.292809	0.300281	-3.33022	0.409864	0.9902122	-2.53214	0.267911	0.255031	-3.92108	0.26717	0.286889	-3.48567	0.324016	0.325371	-3.07341	0.128843	0.163784	-6.10562	0.16761	0.19763	-5.05096	0.425574	0.407825	-2.45203	0.895313	17.2303	17.1067	1
cg20706110	CABIN1	0.56753	0.16197	0.527025	-1.89744	0.849847	0.921924	-1.08469	0.951876	1.02623	1.02623	0.151749	0.517512	-1.93232	0.215776	0.57189	-1.74859	0.243831	0.592713	-1.68716	0.300068	0.630885	-1.58507	0.22442	0.578459	-1.72873	0.562301	0.777799	-1.28568	0.895298	2.60882	2.59015	1
cg12718201	AKAP12;AKAP12	0.56754	0.828279	0.854844	1.16421	0.859008	0.861668	1.16421	0.859008	0.8618844	1.16032	0.861884	2.19074	2.19074	0.73868	0.7910093	-1.26407	0.844008	0.581304	1.72227	0.756153	0.9239	1.08242	0.925577	0.939989	-1.06384	0.972506	1.02442	1.02442	0.895291	6.94665	6.89697	1
cg21595737	GMFB	0.56756	0.757835	0.906597	-1.10393	0.356628	1.35068	1.35068	0.126888	1.68789	1.68789	0.20134	1.53071	1.53071	0.75584	0.905837	-1.10395	0.744898	1.58093	1.58093	0.907338	1.03761	1.03761	0.763196	0.907955	-1.10138	0.821978	0.93104	-1.07407	0.895288	1.42542	1.41523	1
cg04276598	ABCC8;ABCC8	0.56756	0.565225	1.13827	1.10827	0.685417	1.1996	1.1996	0.387812	0.905792	-1.10116	0.426233	0.866381	-1.15449	0.33889	0.840335	-1.19043	0.805287	1.04664	1.04664	0.408404	1.16128	1.16128	0.957888	1.00916	1.00916	0.665178	0.925896	-1.08004	0.896278	0.443347	0.440283	1
cg02676596	FLAI1350	0.56757	0.331871	2.46093	2.46093	0.68741	1.43887	1.43887	0.0911	1.25456	1.25456	0.362064	0.430534	-2.3227	0.376468	0.44201	-2.26239	0.385773	0.449409	-2.22515	0.497259	0.537975	-1.85882	0.54522	0.40803	-2.45103	0.680146	1.45194	1.45194	0.895275	11.4735	11.3916	1
cg18077307	TMEM131	0.56757	0.68792	0.874826	-1.14308	0.180954	1.60067	1.60067	0.73853	0.8949841	-1.11734	0.272081	0.684804	-1.46027	0.458352	0.778733	-1.28414	0.490847	0.793131	-1.26083	0.295306	1.43253	1.43253	0.457142	1.28503	1.28503	0.517322	0.804599	-1.24286	0.895262	1.55523	1.54416	1
cg20849627	CENPQ;MAU1	0.56761	0.858471	0.961799	-1.03972	0.765809	0.924329	-1.08124	0.165775	0.7953004	0.811707	-1.23197	0.241328	0.672911	0.787716	-1.27034	0.788892	0.943121	-1.06031	0.240706	1.30249	1.30249	0.312393	1.33191	1.33191	0.915453	0.977093	-1.02344	0.839375	0.956625	0.445358	0.670372	1
cg21090182	LRCH1;LRCH1;LRCH1	0.56763	0.682168	0.802019	-1.24685	0.0448641	0.143379	0.143379	0.364248	1.64803	1.64803	0.638709	0.776166	-1.28838	0.693297	1.23663	1.23663	0.983018	1.01147	1.01147	0.926436	1.05073	1.05073	0.794671	1.14999	1.14999	0.549711	0.723025	-1.38308	0.895244	4.07083	4.04193	1
cg05002512	FAF1	0.56767	0.954184	1.04157	1.04157	0.776309	1.23277	1.23277	0.633989	1.04097	1.04097	0.780703	1.20862	1.20862	0.596323	0.684579	-1.46075	0.947222	0.19998	-5.0005	0.409837	1.81755	1.81755	0.878416	1.11462	1.11462	0.617374	1.42909	1.42909	0.895334	7.12476	7.07426	1
cg01056379	NSDHL;NSDHL;NSDHL;NSDHL;CETN2	0.56775	0.15321	0.293447	-3.40777	0.459039	0.536438	-1.86415	0.795304	0.8117072	-1.23197	0.241328	0.672911	0.787716	-1.27034	0.788892	0.943121	-1.06031	0.216634	0.352688	-2.83537	0.978095	1.02225	1.02225	0.771246	1.26326	1.26326	0.982966	0.983031	0.215736	0.895213	9.11085	9.04628	1
cg03936054	GLIS1	0.56781	0.31957	1.37149	1.37149	0.268631	0.701676	-1.42516	0.820808	0.933005	-1.07181	0.699843	0.88828	-1.12577	0.590437	1.18089	1.18089	0.800571	1.08044	1.08044	0.153003	1.60421	1.60421	0.873898	0.952618	-1.04974	0.270277	0.70261	-1.42326	0.902306	1.30635	1.12606	1
cg19435859	KIAA0664	0.56781	0.0797248	0.187935	-5.321	0.679522	1.04602	1.04602	0.0852	1.29569	1.29569	0.10569	1.2956	1.2956	0.258572	2.7647	2.7647	0.299571	0.2945	3.39396	0.0945	0.5953917	1.68	0.0945	0.887429	1.12048	0.632747	1.53442	1.53442	0.948668	1.05401	0.892115	10.4769	10.4029	1
cg03040210	MBNL3	0.56785	0.108224	0.167159	-5.98233	0.517059	0.51143	-1.9553	0.798587	0.770264	-1.29826	0.369853	2.92961	2.92961	0.281428	0.804495	-1.24302	0.135264	0.193299	-5.17335	0.866623	1.18719	1.18719	0.952751	0.941306	-1.06235	0.879441	1.1729	1.1729	0.895209	14.774	14.6697	1
cg16752798	PIGX	0.56785	0.536004	1.1511	1.19701	0.677575	1.12747	1.12747	0.903758	0.8892521	-1.12036	0.975765	1.00875	1.00875	0.912895	0.9884	-1.01206	0.614141	1.15705	1.15705	0.156239	2.20788	2.20788	0.110962	1.62338	1.62338	0.153359	1.55926	1.55926	0.895206	1.61473	1.60216	1
cg02523839	DGCR6	0.56788	0.652239	1.13309	1.13309	0.552793	0.847561	-1.17986	0.305168	1.33972	1.33972	0.838016	0.945179	-1.058	0.311325	1.33443	1.33443	0.0614438	1.78666	1.78666	0.774707	1.08225	1.08225	0.327917	1.32068	1.32068	0.814438	1.0669	1.0669	0.895204	1.0756	1.06801	1
cg09057801	EVC2;EVC2	0.56759	0.455439	0.755672	-1.32333	0.951642	0.977898	-1.0226	0.962685	1.0157	1.0157	0.4420001	1.37174	1.37174	0.737642	0.899101	-1.11222	0.245019	0.638018	-1.56639	0.0790723	2.05142	2.05142	0.705203	1.15034	1.15034	0.811238	1.09218	1.09218	0.895201	1.92544	1.91187	1
cg12348970	SLC24A2	0.56763	0.1998	1.36507	1.36507	0.670653	0.96775	1.31085	0.516128	0.7887773	-1.26796	0.791233	0.98159	-1.01859	0.908497	1.08349	1.08349	0.240796	1.30249	1.30249	0.312393	1.33191	1.33191	0.915453	0.977093	-1.02344	0.839375	0.956625	0.445358	0.670372	1.84138	1.82984	1
cg13453053	TNFAIP1;IFT20	0.56765	0.122198	3.69254	3.69254	0.926447	0.1737	1.0737	0.452542	0.553741	-1.8059	?	?	?	?	?	?	?	?	?	0.897874	0.905832	-1.10396	0.90096	1.10064	1.10064	0.828086	4.23066	4.23066	7.15255	1
cg06385152	AATF	0.56767	0.123709	0.745459	-1.34194	0.644213	0.68339	1.31085	0.516128	0.7887773	-1.26796	0.791233	0.98159	-1.01859	0.908497	1.08349	1.08349	0.945566	1.01206	1.01206	0.371903	0.8508333	-1.17532	0.84507	1.15652	1.15652	0.14967	0.644986	1.08559	1.08559	0.856166	0.440181	0.437095	1
cg20946635	PRR22;PRR22	0.56767	0.419406	0.766769	-1.30417	0.608772	0.846899	-1.18078	0.896111	0.9908518	-1.04295	0.344006	0.730684	-1.36858	0.0425628	0.471587	2.1205	0.292022	0.703336	-1.4218	0.359875	0.738581	-1.35394	0.824972	0.932151	-1.07279	0.939459	1.02475	1.02475	0.895216	1.46903	1.45874	1
cg25159376	KLHDC1	0.56769	0.744268	1.07544	1.07544	0.900828	1.02809	1.02809	0.521863	1.15516	1.15516	0.747961	1.07426	1.07426	0.96765	0.9910158	-1.00906	0.308313	1.26401	1.26401	0.185595	0.732073	-1.36598	0.331166	0.80029	-1.24955	0.164313	1.39055	1.39055	0.895147	0.699001	0.695007	1
cg07746818	BEX4;BEX4	0.56770	0.80173	1.10099	1.10099	0.844225	0.924726	-1.0865	0.391208	1.14683	1.14683	0.172662	1.39922	1.39922	0.247064	1.36353	1.36353	0.807214	1.12229	1.12229	0.607164	0.8083326	0.992791	1.00757	0.887429	1.12048	0.632747	1.53442	1.53442	0.948668	1.05401	0.892115	10.4769	10.4029	1
cg05005301	CSF1;CSF1;CSF1;CSF1	0.56762	0.220378	0.234253	-4.26888	0.491569	0.455252	-2.19659	0.732087	0.676982	-1.47279	0.0747235	0.10688	-9.35627	0.475235	0.441383	2.26561	0.334474	0.325886	-3.06855	0.140995	0.168062	-5.95018	0.411361	0.38822	-2.57586	0.435023	0.407733	-2.45259	0.895101	17.9866	17.8617	1
cg07046969	TRIP10	0.56764	0.385136	1.1511	1.19701	0.677575	1.12747	1.12747	0.903758	0.8892521	-1.12036	0.975765	1.00875	1.00875	0.912895	0.9884	-1.01206	0.614141	1.15705	1.15705	0.156239	2.20788	2.20788	0.110962	1.62338	1.62338	0.153359	1.55926	1.55926	0.895206	1.61473	1.60216	1
cg15124547	RNF13;RNF13	0.56765	0.583339	1.10521	1.10521	0.299296	0.823433	-1.21443	0.338458	1.1956	1.1956	0.158362	0.761603	-1.31302	0.186428	0.776504	1.28782	0.977811	0.99499	-1.00504	0.644032	1.08766	1.08766	0.771151	1.05408	1.05408	0.846425	0.965587	-1.03564	0.895096	0.462356	0.459149	1
cg23817893	CCDC81;CCDC81;CCDC81;CCDC81	0.56765	0.167796	0.313446	-3.19035	0.462118	0.55392	-1.80532	0.495783	0.579389	-1.72596	0.233547	0.37321	-2.67946	0.132593	0.277854	-3.59901	0.165916	0.311623	-3.209	0.199752	0.343341	-2.91256	0.719793	0.75256	-1.3288	0.54254	0.614803	-1.62654	0.895096	8.82823	8.76701	1
cg23477380	NDUFA11	0.56766	0.844889	1.05127	1.05127	0.748496	0.717449	0.706349	-1.41573	0.117782	0.843745	0.693737	0.850455	1.17605	0.85075	1.10875	1.10875	0.664141	1.15705	1.15705	0.156239	2.20788	2.20788	0.110962	1.62338	1.62338	0.153359	1.55926	1.55926	0.895206	1.61473	1.60216	1
cg00393585	C4orf39;TRIM61	0.56766	0.94555	0.97075	-1.03013	0.340715	0.65136	-1.53525	0.455572	0.718043	-1.39267	0.691339	1.18956	1.18956	0.397738	0.685442	-1.45891	0.80256	0.896802	-1.11507	0.0490403	0.368901	-2.71075	0.435255	0.706775	-1.41488	0.859651	1.07997	1.07997	0.902163	2.64216	2.27788	1
cg15896356	CNOP2;CNOP2	0.56767	0.672343	1.08338	1.08338	0.932323	1.04554	1.04554	0.904854	0.9884	-1.01581	0.860264	0.97974	1.07478	0.960342	1.12084	1.12084	0.245019	0.638018	-1.56639	0.0790723	2.05142	2.05142	0.705203	1.15034	1.15034	0.811238	1.09218	1.09218	0.895201	1.92544	1.91187	1
cg03848580	TMC6;TMC6	0.56767	0.482372	0.667876	-1.49728	0.84881	1.08541	1.08541	0.305523	0.54898	-1.8218	0.843781	1.118	1.118	0.99002	0.613774	1.62926	0.113191	1.37747	-2.65008	0.178289	0.44594	-2.24467	0.16912	0.436832	-2.28201	0.585681	0.732579	-1.36504	0.895072	4.53082	4.49952	1
cg13085627	URK1	0.56767	0.582755	1.05633	1.05633	0.0840098	2.03389	2.03389	0.638024	1.1924	1.1924	0.706102	0.868771	-1.15105	0.888588	1.05343	1.05343	0.915058	1.04041	1.04041	0.0983471	1.96046	1.96046	0.925386	1.0354	1.0354	0.622327	0.831637	-1.20245	0.895067	1.95472	1.94122	1
cg00697329	USP32	0.56768	0.856541	0.969153	-1.03191	0.592317	0.97409	-1.11454	0.402425	0.6749343	-1.48121	0.241241	0.594807	-1.68121	0.0875731	0.7208864	-1.38753	0.355127	0.565504	-1.76883	0.0770948	0.3080557	-3.24616	0.465777	0.640816	-1.56051	0.732131	0.813915	-1.22863	0.895059	1.09068	1.07358	1
cg17442155	PILRB;PILRB;PILRB;PILRB	0.56768	0.715425	0.851978	-1.17374	0.0457651	0.723344	0.723344	0.55889	1.29512	1.29512	0.542780	0.763743	-1.30934	0.63152	0.809447	1.23541	0.789596	1.12413	1.12413	0.578186	1.27857	1.27857	0.843089	1.09058	1.09058	0.617871	0.802486	-1.24613	0.895072	1.53088	1.52309	1
cg12788037	SLFN13	0.56769	0.0798803	0.645203	-1.55005	0.813163	0.537507	-1.8624	0.54088	1.14109	1.14109	0.708923	0.993159	-1.00689	0.554429	0.615192	-1.62571	0.790823	0.648206	-1.54253	0.0978138	0.4003111	-2.49803	0.378888	0.576751	-1.73409	0.780731	0.840731	-1.18944	0.895337	5.48045	5.44098	1
cg12432903	MAD1L1;MAD1L1;MAD1L1	0.56769	0.464761	0.861211	-1.16115	0.319055	0.813183	-1.22973	0.603117	0.900018	-1.11109	0.110097	1.41869	1.41869	0.519365	0.877066	-1.14016	0.254274	0.787363	-1.27006	0.672438	1.08916	1.08916	0.695689	0.924093	-1.08214	0.732006	0.933294	-1.07547	0.895029	0.571691	0.567769	1
cg07607678	UQCRC2	0.56769	0.684344	1.0625	1.0625	0.780367	0.935882	-1.0708	0.985908	1.0032	1.0032	0.856337	0.956622	-1.04549	0.744754	0.8911	-1.12219	0.617651	1.13106	1.13106	0.432992	0.921206	-1.08511	0.75449	0.925444	1.08059	0.912459	1.12226	0.959478	0.877108	1.14011	0.890207	0.84987	0.843948	1
cg20496295	ADD1;ADD1;ADD1;ADD1	0.56770	0.638752	1.07799	1.07799	0.778319	1.0455	1.0455	0.7	0.679483	0.999987	1.07528	1.073764	1.07528	0.734644	0.724507	1.05737	1.05737	0.486225	1.118	1.118	0.101186	1.75035	0.229111	1.22013	1.22013	0.332111	1.74086	1.74086	0.895023	0.352282	0.349867	1
cg10959726	C17orf49;C17orf49;RNASEK;C17orf49	0.56770	0.538561	1.51294	1.51294	?	?	?	0.679483	1.3182	1.3182	0.962598	0.969299	-1.03167	0.528747	0.654185	-1.52862	0.783141	1.20137	1.20137	0.0521112	0.230121	-4.34554	0.89131	1.09517	1.09517	0.621133	0.718	-1.39276	0.882989	5.4965	6.22488	1
cg16018184	ECH1;CH1	0.56771	0.761844	1.13454	1.13454	0.628326	1.30164	1.30164	0.125651	1.60828	1.60828	0.244208	0.982918	-1.01735	0.382319	1.62185	1.62185	0.534992	1.44043	1.44043	0.0814357	2.42836	2.42836	0.0603447	1.60844	1.60844	0.746489	1.1916	1.1916	0.895014	0.41402	0.41187	1
cg27467876	14	0.56770	0.148574	0.0269521	-37.1028	0.826368	1.66926	1.66926	0.476068	0.184503	-5.41997	0.989974	1.02974	1.02974	0.956911	1.1343	1.1343	0.395238	0.71649	-1.39572	0.74512	1.45562	1.45562	0.143023	0.0255024	-39.212	0.403676	1.33744	1.33744	0.895012	77.5045	76.5769	1
cg03043901	RAB6A;RAB6A	0.56771	0.461323	0.799345	-1.25102	0.464071	1.24925	1.24925	0.71844	0.897516	-1.11419	0.320675	0.736076	-1.35856	0.907384	0.965841	-1.03537	0.903496	0.964425	-1.03689	0.0988819	0.58265	-1.7363	0.283905	1.39439	1.39439	0.679816	1.13194	1.13194	0.895006	1.26415	1.25551	1
cg12366968	MAD1L1;MAD1L1;MAD1L1	0.56771	0.646923	1.20146	1.20146	0.255418	0.621605	-1.60874	0.659307	1.19442	1.19442	0.191953	0.576749	-1.73386	0.784245	0.859524	-1.16617	0.570495	0.79486	-1.25808	0.401085	1.43082	1.43082	0.263623	0.627105	-1.59463	0.240193	0.611134	-1.6363	0.894997	2.27298	2.25746	1
cg21085190	HIST1H1D	0.56771	0.236651	1.37941	1.37941	0.274475	0.624545	-1.60191	0.661104	0.6245	-1.5327	0.653445	0.781917	1.18104	0.604727	0.749475	-1.33455	0.466884	1.00223	1.00223	0.946772	0.652442	-1.5327	0.653445	0.887242	-2.05237	0.936806	1.04463	1.04463	0.894975	4.2884	4.26917	1
cg27535302	GUCA2A	0.56772	0.142182	1.91374	1.91374	0.637539	1.21557	1.21557	0.611983	1.23419	1.23419	0.221474	1.69661	1.69661	0.915364	0.957213	-1.0447	0.107239	2.06104	2.06104	0.516886	0.764044	-1.30882	0.965547	0.98239	-1.01793	0.734054	1.16344	1.16344	0.894972	2.3984	2.38209	1
cg07617866	EXC2;EXC2	0.56773	0.619667	0.827154	-1.20896	0.094837	0.498458	-2.00554	0.842675	0.927402	-1.07828	0.890775	0.995625	-1.00439	0.741154	0.881857	-1.13397	0.517073	0.779478	-1.28291	0.0983275	0.502771	-1.98898	0.852202	1.0733	1.0733	0.522599	1.2786	1.2786	0.894967	2.03887	2.02512	1
cg24709745	C1orf159	0.56775	0.411282	0.876206	-1.14128	0.753735	1.05075	1.05075	0.125679	0.7050195	-1.41824	0.0743365	0.635018	-1.57476	0.466012	0.883832	-1.19213	0.348603	0.795647	-1.25684	0.316058	0.925654	1.08032	0.838298	0.883066	-1.13242	0.302559	1.18293	1.18293	0.872862	1.02576	1.02576	0.894942	0.350697	0.348325	1
cg00152047	LDB2	0.56775	0.158154	0.645812	-1.54844	0.722673	0.901888	-1.10879	0.92737	1.02677	1.02677	0.638365	0.871809	-1.14704	0.6541538	0.547263	-1.82728	0.382367	0.771348	-1.29643	0.919158	0.971008	-1.02986	0.92116	1.0291	1.0291	0.279405	0.721887	-1.38526	0.894936	1.19033	1.18229	1
cg20922422	PCYT1B;PCYT1B;PCYT1B	0.56777	0.380573	1.49145	1.49145	0.780367	0.935882	-1.0708	0.985908	1.0032	1.0032	0.856337	0.956622	-1.04549	0.744754	0.8911	-1.12219	0.617651	1.13106	1.13106	0.432992	0.921206	-1.08511	0.75449	0.925444	1.08059	0.912459	1.12226	0.959478	0.877108	1.14011	0.890207	0.84987	0.843948	1
cg23490074	C19orf2;C19orf2	0.56764	0.627146	1.02303	1.02303	0.931125	0.01731	1.01731	0.999042	0.999762	-1.00024	0.273138	0.25137	2.15137	0.618987	0.905287	-1.10462	0.321201	1.225559	1.225559	0.157668	0.740914	-1.34968	0.226657	0.77728	-1.28654	0.759666	1.06271	1.06271	0.89492	0.55837	0.554607	1
cg08572966	SUV420H1;SUV420H1	0.56774	0.585153	1.08369	1.08369	0.862781	1.04579	1.04579	0.512106	1.54505	1.54505	0.157906	1.47807	1.47807	0.205429	1.41301	1.41301	0.249697	1.36524	1.36535	0.576539	1.1572	1.1572	0.724435	0.912469	-1.09593	0.829366	0.945677	-1.05744	0.89537	0.94973	0.942856	1
cg27447685	MAPK12	0.56772	0.550741	0.887351	-1.12695	0.186497	1.31951	1.31951	0.875282	1.03159	1.03159	0.476322	0.866421	-1.15417	0.597222	1.11135	1.11135	0.230806	0.779679	-1.28258	0.724581	1.07255	1.07255	0.194097	1.31259	1.31259	0.748179	0.938219	-1.06585	0.894892	0.555551	0.551824	1
cg14839837	ARHGEF10	0.56791	0.823991	1.15638	1.15638	0.4329	0.593334	-1.68539	0.824074	1.1563	1.1563	0.559614	0.680587	-1.46932	0.179226	0.394354	-2.53579	0.687707	0.76831	-1.30156	0.133691	0.348108	-2.87209	0.567465	1.45785	1.45785	0.71186	0.387273	-2.58216	0.894877	6.02945	5.9891	1
cg01007362	INPP5A	0.56778	0.443896	1.05633	1.05633	0.0840098	2.03389	2.03389	0.638024	1.1924	1.1924	0.706102	0.868771	-1.15105	0.888588	1.05343	1.05343	0.189627	1.40888	1.40888	0.0155741	5.42717	5.42717	0.0154547	2.13473	2.13473	0.0432389	2.17052	2.17052	0.894863	3.86921	3.83003	1
cg26662969	PARD3 LOC729991- MF28;LOC729991;LOC729991- MF28;LOC729991;LOC729991-	0.56780	0.728197	1.10455	1.10455	0.341913	1.32195	1.32195	0.387557	0.776911	-1.28715	0.153241	1.54636	1.54636	0.763569	0.917609	-1.08979	0.185862	1.49152	1.49152	0.237606	1.4228	1.4228	0.738984	1.1	1.1	0.87685	0.956763	-1.04519	0.894859

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217T vs. N)	Fold-Change(121T vs. 217T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05985070	MAD1L1;MAD1L1;MAD1L1	0.5683	0.654817	1.070561	0.1610561	0.612314	1.07484	1.074884	0.455115	0.897242	1.11453	0.409191	1.1266	1.1266	0.282281	0.854029	-1.17092	1.17092	0.58536	0.926343	-1.08068	0.0915192	0.23757	1.29757	0.746193	1.04693	0.645831	1.06491	1.06491	0.894059	0.282403	0.28077	1
cg23047499	PASK FAM172A;FAM172A;POU5F2;POU5F2;F	0.568315	0.610379	1.12191	1.12191	0.699971	0.91697	-1.09055	0.0632281	1.59628	1.59628	0.606968	1.12317	1.12317	0.711066	0.920085	-1.08686	1.08686	0.833849	0.954067	-1.04814	0.164106	1.39424	1.39424	0.5737	1.13571	1.13571	0.957491	0.988139	-1.012	0.894035	0.709528	0.705444	1
cg16485800	AM172A;FAM172A CSGALNACT1;CSGALNACT1;CSGALNAC	0.568317	0.722378	0.898198	-1.11334	0.0781289	0.55484	-1.80232	0.942723	1.02186	1.02186	0.367399	1.32136	1.32136	0.719545	0.897163	-1.11462	1.11462	0.415716	0.778519	-1.28449	0.721012	0.897699	-1.11396	0.987082	0.995139	-1.00488	0.176081	0.648615	-1.54175	0.894032	1.28255	1.27517	1
cg06108374	T1	0.568321	0.222473	0.542014	-1.84497	0.44657	1.44863	1.44863	0.978022	1.01325	0.1013325	0.445942	1.4494	1.4494	0.790412	1.1357	1.1357	1.1357	0.633508	1.25793	1.25793	0.144386	2.11495	2.11495	0.615499	1.27368	1.27368	0.297343	0.596828	-1.67553	0.894026	3.23132	3.21275	1
cg23757334	GPR12	0.568342	0.37457	0.783729	-1.27595	0.813108	1.06537	1.06537	0.70255	1.10804	1.10804	0.625644	0.87681	-1.1405	0.335044	1.3045	1.3045	1.3045	0.903587	0.968118	-1.03293	0.126812	0.6430311	-1.55514	0.252555	0.726472	-1.37651	0.451597	1.22761	1.22761	0.8939991	1.01226	1.00648	1
cg26230303	RHBDF1	0.568353	0.63058	0.767923	-1.30238	0.680537	0.797934	-1.25324	0.661553	0.786486	-1.27148	0.597823	1.33678	1.33678	0.100037	0.374347	-2.67132	2.67132	0.631823	1.30111	1.30111	0.2553441	1.91071	1.91071	0.427448	1.55545	1.55545	0.539958	1.40257	1.40257	0.8939975	4.20906	4.18511	1
cg26539943	SLC7A5	0.568359	0.863143	1.09082	1.09082	0.0408198	1.28585	1.28585	0.234601	1.87333	1.87333	0.8490111	1.10228	1.10228	0.778744	0.865975	-1.15477	1.15477	0.813856	0.887953	-1.12619	0.671042	1.24017	1.24017	0.878505	1.08012	1.08012	0.805173	0.882926	-1.1326	0.893965	3.59406	3.57365	1
cg17245230	IQCA1	0.568361	0.448446	1.23785	1.23785	0.315887	1.33166	1.33166	0.839999	0.945693	-1.05743	0.295744	1.34917	1.34917	0.344331	1.30873	1.30873	1.30873	0.630888	1.14307	1.14307	0.0511118	1.82334	1.82334	0.288176	1.35606	1.35606	0.542226	1.18579	1.18579	0.893996	1.08023	1.0741	1
cg02116768	FOXK2	0.568365	0.728784	1.0655341	-1.15936	0.5844	1.46478	1.46478	0.178506	1.577809	0.577809	0.0923634	0.46372	-2.15629	0.0923634	0.46372	-2.15629	2.15629	0.491252	1.748234	1.748234	0.0619881	0.8804919	1.01997	0.982426	1.3903	1.3903	0.2743406	0.623814	-1.60304	0.893954	2.43673	2.42292	1
cg26815021	MIR636;MFSD11;SFRS2	0.568373	0.955568	0.987981	-1.01216	0.212524	1.32669	0.76331	1.309	1.32669	0.763201	1.06779	1.06779	0.695137	0.9192284	-1.0878	0.695316	0.9181229	-1.08971	0.9192284	-1.08971

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5637 vs. N)	Ratio(5637 vs.1537)	Fold-Change(5 vs.1537)	F(Error)
	TNFRSF10B;TNFRSF10B;TNFRSF10B;TNF																					
cg10854029	RSF10B;TNFRSF10B	0.569234	0.0588051	1.164813	-6.06749	0.524429	0.592573	-1.68756	0.570122	1.59217	1.59217	1.607921	0.713296	-1.40194	0.612059	1.51145	1.51145	0.725688	0.752158	-1.32951	0.560158	0.620312	-1.61209	0.312501	0.425776	-2.34865	0.733257	0.75862	-1.31818	0.909115	8.93823	6.55427	1
cg07432263	CDK5R1	0.569236	0.479538	0.778558	-1.28443	0.974281	1.01129	1.01129	0.253176	1.55529	1.55529	0.387708	1.36114	1.36114	0.367338	0.724344	-1.38056	0.863658	1.06168	1.06168	0.299301	0.68698	-1.45565	0.235326	0.648468	-1.5421	0.47776	1.28577	1.28577	0.892555	1.71438	1.70733	1
cg04396185	CSAD;ZNF740	0.569237	?	?	?	0.722846	0.668961	-1.49484	0.893587	1.16312	1.16312	0.565399	1.68375	-1.59725	0.416181	0.391319	-2.55549	1.097228	0.139648	-7.16087	0.412573	2.575	2.575	0.357603	2.910002	2.91003	0.641489	1.697098	1.697098	0.880468	15.8012	17.9461	1
cg05412843	PCMTD1	0.56924	0.876216	1.04034	1.04034	0.14568	1.48638	1.48638	0.587178	1.14922	1.14922	0.97225	1.02344	1.02344	0.595715	1.14552	1.14552	0.496561	1.19142	1.19142	0.156059	0.680445	-1.46963	0.624334	0.976186	-1.02439	0.333377	0.776349	-1.28088	0.892549	0.909925	0.906194	1
cg05938376	SMOC2;SMOC2	0.569246	0.677716	1.10193	1.10193	0.0409419	1.72484	1.72484	0.24836	0.414656	1.2115	1.2115	0.7760911	1.06784	1.084704	0.940837	1.0173	1.0173	0.863453	1.0412	1.0412	0.843192	0.955268	1.04683	0.78041	0.937462	-1.06571	0.449929	0.837029	-1.1947	0.82954	0.754761	0.751673	1
cg17162024	FAM150A	0.569259	0.91715	1.15974	1.15974	0.93897	1.11337	1.11337	0.741179	1.60329	1.60329	0.500104	0.377171	-2.65132	0.442073	0.327484	-3.05359	0.507691	0.383985	-2.60427	0.531256	0.405259	-2.46756	0.0553452	22.0509	22.0509	0.918173	1.15761	1.15761	0.892519	28.6718	28.5551	1
cg25794625	RPA2;RPX2	0.569265	0.270151	0.609613	-1.64097	0.308014	1.19758	1.19758	0.145467	0.502159	-1.99077	0.711552	1.37928	1.37928	0.619838	0.629038	0.806945	-1.47063	0.19421	0.54345	-1.8405	0.220772	1.17375	1.17375	0.981626	1.01027	0.101027	0.791867	0.889207	-1.1246	0.892503	2.78655	2.77526	1
cg09665298	CHN1;CHN1	0.569286	0.858844	0.919525	0.08752	0.137621	2.12354	2.12354	0.533513	1.34608	1.34608	0.497464	1.38352	1.38352	0.353013	0.193303	1.19315	0.313804	1.62596	1.62596	0.113109	0.25385	0.843285	1.09777	1.09777	0.74081	1.58822	1.58822	0.892475	1.31932	1.12671	1
cg24043678	ARL13B;ARL13B;ARL13B;ARL13B	0.569287	0.283571	0.756816	-1.32133	0.926772	1.02326	1.02326	0.0349364	0.540801	-1.84931	0.945914	0.983175	-1.01711	0.916331	1.02018	1.02018	0.79786	1.06629	1.06629	0.834424	0.948997	-1.05374	0.607991	0.878626	-1.13814	0.696195	0.906523	-1.10312	0.892473	0.884134	0.880583	1
cg05417332	YPEL3;TBKS;YPEL3 SLC12A6;SLC12A6;SLC12A6;SLC12A6;SL	0.569287	0.575376	0.829934	-1.20574	0.729813	0.959157	-1.55709	0.158481	0.607344	-1.64651	0.230273	0.695615	-1.4364	0.979618	1.00849	1.00849	0.605502	1.1881	1.1881	0.1052	1.25064	1.25064	0.508747	1.14925	1.14925	0.703331	1.13493	1.13493	0.892473	1.54669	1.54048	1
cg24805728	C12A6	0.569315	0.419565	0.790136	-1.26561	0.271032	1.38721	1.38721	0.947108	1.01913	1.01913	0.498641	0.82186	-1.21675	?	?	?	0.808285	1.07168	1.07168	0.0939287	1.69223	0.939329	1.05962	1.05962	0.534564	1.19679	1.19679	0.880352	1.011	1.14841	1
cg05541267	CSH;CSH	0.569329	0.371442	0.805801	-1.241	0.933546	0.98057	-1.01982	0.58708	0.878961	-1.13771	0.504067	0.852556	-1.17294	0.23373	1.34143	1.34143	0.392222	0.813642	-1.22904	0.127158	1.47424	1.47424	0.716017	0.917631	-1.08976	0.862523	0.960041	-1.04162	0.892406	0.782406	0.779322	1
cg26893197	C1orf113;C1orf113	0.569329	0.453087	1.97219	1.97219	0.444408	1.9994	1.9994	0.2119	0.0881388	-1.00869	0.921203	0.91609	-1.0916	0.159853	0.2606699	-3.83585	?	?	?	?	?	?	?	?	?	?	0.394501	0.27183	0.271183	0.858128	6.91479	9.46707	1
cg18537383	MCPH1	0.569333	0.807941	1.10306	1.10306	0.272405	0.385392	-2.59476	0.064201	0.973512	-1.64381	0.623786	1.510884	1.510884	0.738534	0.756058	-1.32265	0.9069	0.906957	-1.10259	0.653943	0.6287763	-1.45399	0.638432	0.1485	0.91951	1.93591	0.8924	0.84882	0.880957	1	1
cg13167143	KIAA1688	0.569336	0.580993	0.674868	-1.48177	0.320544	0.484806	-2.06268	0.33186	0.493517	-2.02627	0.648655	1.35997	1.35997	0.05969063	0.2233365	-4.47699	0.439865	0.573675	-1.74315	0.666071	1.35834	1.35834	0.80563	0.840373	-1.18995	0.945659	0.569827	-1.75492	0.892395	7.0327	7.00507	1
cg05424487	MAPK14;MAPK14;MAPK14;MAPK14	0.569337	0.992393	0.994792	-1.00524	0.478624	1.46878	1.46878	0.0872994	1.35792	1.35792	0.926124	0.948447	-1.05435	0.48407	0.680861	-1.4559	0.453947	0.665552	-1.50251	0.888491	0.9227818	-1.0778	0.881069	1.08319	0.98319	0.671646	1.25554	1.25554	0.892393	4.02619	4.01038	1
cg06655046	OIZ4	0.569339	0.910728	0.9650994	0.9650994	0.0425342	0.713869	1.40082	0.0729431	0.5306668	-1.88442	0.998631	1.000514	1.000514	0.40118	0.7828212	1.27745	0.642665	0.862419	-1.15953	0.6862033	1.1374	1.1374	0.661957	0.86991	-1.14954	0.892339	1.143829	1.14329	1.141273		
cg07657142	KIAA1586;KIAA1586	0.569349	0.161708	0.174839	-5.71956	0.588306	1.84825	1.84825	0.600167	1.81159	1.81159	0.501533	2.15831	2.15831	?	?	?	?	?	?	0.488733	2.21158	2.21158	0.852407	0.812072	-1.23142	0.326972	3.17158	3.17158	0.895775	12.6324	10.073	1
cg00702507	RNPEP;L1	0.569352	0.186942	-1.54811	-1.82485	0.0705972	1.02926	1.02926	0.0152602	1.37428	1.47889	1.47889	1.47889	1.47889	0.389303	0.664398	-1.44975	0.454588	?	?	0.924172	-1.08205	0.590242	0.791623	-1.26323	0.136319	0.5016233	-1.99353	0.768203	0.836575	-1.17554	0.20848	0.565549	-1.76819	0.8237	2.65127	2.60108	1
cg15335805	DES;ZBED5	0.569362	0.697457	0.917409	-1.09003	0.4165833	0.832603	-1.20105	0.280161	0.780756	-1.28081	0.340442	0.80511	-1.24207	0.141372	0.705407	-1.41762	0.94749	0.985572	-1.01464	0.236397	1.3149	1.3149	0.748643	1.07351	1.07351	0.475211	0.851957	-1.17377	0.892353	0.688107	0.685435	1
cg12133393	C1orf174;LOC100133612	0.569377	0.710279	0.938827	-1.06535	0.192202	0.917343	-1.26304	0.576598	1.10013	1.10013	0.49096	0.889879	-1.12375	0.281256	0.827415	-1.20859	0.7952113	0.950953	-1.04908	0.719385	0.8640792	-1.15692	0.213104	0.2132	1.12314	0.173507	0.785205	-1.27355	0.892341	0.404448	0.402883	1
cg17417004	SSBP3;SSBP3;SSBP3	0.569381	0.911225	0.94148	-1.06216	0.1281383	2.43342	2.43342	0.132023	2.40835	2.40835	0.814919	0.880475	-1.13575	0.802543	0.873306	-1.14507	0.914908	0.943849	-1.05949	0.644954	1.28514	1.28514	0.622421	0.7646332	-1.30782	0.338956	0.586891	-1.70389	0.892323	4.13142	4.11552	1
cg04476531	MACROD2;MACROD2	0.569386	0.213523	0.411086	-2.43258	0.120992	0.319458	-3.13031	0.346939	0.518259	-1.92954	0.705504	0.772862	-1.29389	0.827179	0.221445	-3.68399	0.669045	0.746897	-1.33887	0.839975	0.817785	-1.14707	0.578112	0.68299	-1.46415	0.982226	1.05523	1.05123	0.892315	0.50897	0.48398	1
cg04406114	POLQP2	0.569396	0.60142	1.03136	1.03136	0.0729702	0.737153	1.01148	0.10448	1.30447	1.30447	0.722413	0.801382	-1.24413	0.201126	0.80207	-1.24676	0.8202858	0.923859	-1.08252	0.72459	0.8501087	-1.1507	0.747626	0.7225	1.12645	1.12645	0.265582	1.53404	1.534208	1.19225	1.19156	1
cg13478031	MBD1;MBD1;MBD1;MBD1;MBD1	0.569398	0.340913	1.28078	1.28078	0.393787	1.2464	1.2464	0.792826	0.935781	-1.06862	0.607794	1.13943	1.13943	0.485144	1.19586	1.19586	0.665972	0.896271	-1.11573	0.0987545	0.6331521	-1.57848	0.462325	0.828062	-1.20764	0.655296	1.11997	1.11997	0.892295	0.898533	0.895103	1
cg07154460	KCN12	0.569402	0.880814	1.10557	1.10557	0.138406	2.90669	2.90669	0.137224	2.12172	2.12172	0.330077	0.840797	-1.18938	0.286101	1.21373	1.21373	0.680068	0.757734	-1.31972	0.972015	1.02374	1.02374	0.980687	0.704762	-1.41933	0.731224	0.790427	-1.26493	0.892288	0.32315	0.29905	1
cg07827280	SEPHS2	0.569419	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.450907	0.75419	-1.32657	0.716493	0.626936	0.699814	-1.42895	0.431069	0.955257	-1.04697	0.409016	0.538674	-1.85641	0.863643	0.57581	0.53056	1
cg01104998	ATP6AP2	0.569428	0.199642	0.427102	-2.34136	0.0946615	0.315604	-3.16853	0.630531	1.35562	1.35562	0.697808	0.782729	-1.27758	0.231374	0.454686	-2.19932	0.421908	0.597452	-1.67377	0.57569	0.7001164	-1.4262	0.773612	1.19851	1.19851	0.817635	1.15605	1.15605	0.892248	5.57005	5.54908	1
cg11837534	ARSB;ARSB	0.569436	0.0788478	0.416338	-2.40181	0.0705923	0.999373	-1.0003	0.36239	0.656823	-1.52248	0.424803	0.999373	-1.0003	0.36239	0.656823	-1.52248	0.424803	0.785109	-1.27381	0.579174	0.630483	-1.5862	0.230214	0.24884	-4.01911	0.248844	0.1052	0.0522	-8.69232	0.249184	0.23816	1
cg25639095	ENGASE	0.56944	0.957757	1.03954	1.03954	0.380269	0.517459	-1.93252	0.61852	1.44408	1.44408	0.240551	0.406798	-2.45822	0.601414	0.6799	-1.4708	0.554985	0.64592	-1.54818	0.0686455	0.222495	0.445543	0.460617	0.577021	-1.73304	0.272163	0.433519	-2.3067	0.892228	0.77197	0.754363	1
cg11845168	KPO4	0.569437	0.961153	1.04235	1.04235	0.0728702	0.608207	1.64418	0.633155	0.820348	1.21888	0.594293	1.21181	1.21181	0.228838	1.57055	1.57055	0.638704	1.18419	1.18419	0.221764	0.631851	-1.58265	0.242434	1.54858	1.54858	0.903768	1.04419	1.04419	0.892072	1.80596	1.79916	1
cg07408790	URGCP;UBE2D4;URGCP	0.56945	0.25981	0.74306	-1.34579	0.503953	0.842538	-1.18689	0.717177	0.91219	-1.09626	0.812398	0.9417	-1.06191	0.462528	0.82783	-1.20798	0.914908	0.943849	-1.05949	0.644954	1.28514	1.28514	0.622421	0.7646332	-1.30782	0.338956	0.586891	-1.70389	0.892323	4.13142	4.11552	1
cg18599231	HLA-DOB	0.569462	0.189274	0.5098	1.50988	0.506138	1.22126	1.22126	0.850164	0.945506	-1.05763	0.677346	0.883396	-1.13199	0.153073	0.6354491	-1.57359	0.669045	0.746897	-1.33887	0.839975	0.817785	-1.14707	0.578112	0.68299	-1.46415	0.982226	1.05523	1.05123	0.892315	0.50897	0.48398	1
cg03378003	SETD2	0.569467	0.744206	0.9178	0.9178	0.276702	0.713977	1.29877	0.213116	0.104281	1.64281	0.0124821	0.672852	1.14152	0.282809	0.7422	1.35135	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	0.7422	1
cg00004533	AGPAT3;AGPAT3	0.569471	0.465557	1.15353	1.15353	0.510427	1.137	1.137	0.683835	1.08193	1.08193	0.204447	1.29374	1.29374	0.598076	0.902748	-1.10773	0.2225644	1.27956	1.27956	0.133025	1.36575	1.36575	0.5884	0.900254	-1.1108	0.343577	1.2064	1.2064	0.892178	0.522635	0.520708	1
cg27027935	PILRB;PILRA;PILRB ZNF323;ZNF323;ZNF323;ZNF323;ZNF32	0.569473	0.331617	0.839353	-1.19142	0.748556	1.05784	1.05784	0.271278	1.21172	1.22172	0.330077	0.840797	-1.18938	0.286101	1.21373	1.21373	0.230763	0.802666	-1.24585	0.877223	1.0274	1.0274	0.948472	1.13234	1.13234	0.023781	0.961753	-1.03977	0.888178	0.941996	0.939405	1
cg08344078	3;ZNF323;ZNF323	0.56948	0.252884	0.641279	-1.55938	0.126031	1.85137	1.85137	0.455101	1.32897	1.32897	0.827914	0.833849	-1.19936	0.178101	0.873796	-1.14443	0.49235	0.771494	-1.29619	0.315571	0.679722	-1.47118	0.812338	0.9153118	-1.09232	0.716628	1.14524	1.14524	0.892163	1.95578	1.9486	1
cg16501799	TMEM185A;TMEM185A	0.569496	0.1042807	0.144353	-6.92945	0.834703	0.687617	-1.4543	0.980354	0.934789	-1.1181	0.18464	2.12.4599	-1.45799	0.692755	1.33796	1.33796	0.230763	0.802666	-1.24585	0.877223	1.0274	1.0274	0.948472	1.13234	1.13234	0.023781	0.961753	-1.03977	0.888178	0.941996	0.939405	1
cg10841831	FANK1	0.569505	0.816602	0.894323	-1.11816	?	?	?	?	0.395984	1.58463	1.58463	?	?	?	?	?	0.450907	0.75419	-1.32657	0.716493	0.626936	0.699814	-1.42895	0.431069	0.955257	-1.04697	0.409016	0.538674	-1.85641	0.863643	0.57581	0.53056	1
cg03124165	KRT8	0.56951	0.305648	0.744259	-1.34359	0.277802	0.773739	-1.29243	0.255911	0.643346	-1.31036	0.256761	0.763697	-1.30942	0.365795	0.624893	-1.60027	0.777576	1.06663	1.06663	0.534011	0.866366	-1.15425	0.852207	0.901792	-1.1089	0.606382	0.838246	-1.19252	0.892115	0.73288	0.697163	1
cg21856670	PAX7;PAX7;PAX7 FOXP2;FOXP2;FOXP2;FOXP2;FOXP2;FOX	0.569515	0.54927	0.681801	-1.4667	0.832984	0.875045	-1.1428	0.0307097	0.20101	-4.97487	0.728366	0.802209	-1.24656	0.375585	0.562811	-1.7768	0.509525	0.655128	-1.52642	0.436149	0.605217	-1.6523	0.875892	0.90593	-1.10384	0.956258	1.03528	1.03528	0.892107	0.54529	0.52492	1
cg18546840	P2	0.569515	0.855067	0.871848	-1.14699	0.242996	0.399968	-2.5002	0.759631	1.25882	1.25882	0.548244	1.77128	1.771128	0.0995631	0.258231	3.8725	0.443684	0.549251	-1.82066	0.286913	0.436314	-2.29193	0.637874	0.700763	-1.42702	0.676203	1.37031	1.37031	0.892107	7.9484	7.91973	1
cg06784602	TGFBR2;TGFBR2	0.569519	0.657928	0.691212	-1.44674	0.191357	0.31776	-3.14703	0.13845	0.266622	-3.75063	0.617493	0.658837	-1.51783	0.728566	1.33473	1.33473	0.511372	0.575783	-1.73676	0.8998643	1.11139	1.11139	0.337694	2.26853	2.26853	0.438558	1.92479	1.92479	0.892101	9.70452	9.66958	1
cg16258545	MYO7B	0.569525	0.792075	0.851564	-1.17406	0.0956318	0.956318	0.048815	0.0408637	1.7826	1.7826	0.142803	1.29223	-1.42196	0.0507157	0.660497	-1.51406	0.440808	0.985005	-1.01487	0.9734973	1.25284	1.25284	0.798206	0.876316	-1.31094	0.653226	0.702414	-1.42366	0.892097	0.82812	0.58822	1
cg27537561	VDR;VDR	0.569537	?	?	?	0.639281	0.701311	-1.4259	0.257502	0.406719	-2.4587	?	?	?	0.44499	0.555579	-1.79993	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg06779774	ZNF862	0.569537	0.146001	1.74709	1.74709	0.975911	1.03849	1.02841	0.754091	1.11892	1.11892	0.594293	1.21181	1.21181	0.228818	1.57055	1.57055	0.638704	1.18419	1.18419	0.221764	0.631851	-1.58265	0.242434	1.54858	1.54858	0.903768	1.04419	1.04419	0.892072	1.80596	1.79916	1
cg09382842	HLA-C	0.569546	0.309887	0.59645	5.59645	0.9245099	0.855411	-1.16903	0.0813742	0.831512	-1.20263	0.350984	0.822414	0.822414	0.176128	0.0946915	-10.5606	0.331566	0.193632	-5.16443	0.645564	0.82115	0.68215	0.406305	0.2248504	-4.02407	0.578426	1.50919	1.50919	0.892067	37.9478	37.4326	1
cg16502163	BDNFOS;IN7C	0.569553	0.671718	0.695254	-1.43872	0.25187	1.19337	1.03889	0.0938917	0.62118	1.62118	0.489748	0.555087	-1.80152	0.728027	0.544752	-1.83529	0.420721	1.28878	1.28878	0.169824	1.56083	1.56083	0.637045	1.15787	1.15787	0.57125	1.193	1.193	0.892046	1.34381	1.33906	1
cg06502080	C16or90	0.569575	0.186278	0.277806	-3.55963	0.299115	2.67438	2.67438	0.985654	1.01657	1.01657	0.548437	0.574031	-1.74207	0.104358	0.19733	-5.06765	0.818417	1.02525	1.02525	0.0209009	1.43011	1.43011	0.0476107	0.636111	0.646832	-1.546	0.75834	1.3259	1.3259	0.465196	0.506916	-1.97271	0.691709	0.694663	-1.43955	0.892012	11.8045	11.7632	1
cg15122621	RHBG;RHBG	0.569575	0.241152	0.38804	-2.57705	0.489465	1.7189	1.7189	0.847547	1.16008	1.16008	0.293171	0.431142	-2.31942	0.267126	0.409859	-2.43986	0.525385	0.609009	-1.64201	0.144377	0.8698686	0.8698686	-1.14968	0.8698686	-1.14968	0.8698686	-1.14968	0.8698686	-1.14968	0.8698686	-1.14968	0.8698686	-1.14968	1
cg19900023	LPAR1;LPAR1	0.569578	0.910027	1.04478	1.04478	0.447636	0.740869	-1.34977	0.758279	0.887252	-1.12708	0.541856	0.776172	-1.29737	0.509445	1.29608	1.29608	0.370697	1.42794	1.42794	0.68323	0.846166	-1.1818	0.32407	0.67389	-1.48392	0.782463	0.468523	-2.13437	0.892007	2.12178	2.11436	1
cg11417259	LOC285370	0.569579	0.614244	0.721477	-1.38604	0.198821	0.418044	-2.39209	0.193736	0.413425	-2.41882	0.998594	0.998869	-1.00113	0.267605	0.476255	-2.09971	0.774838	1.20229	1.20229	0.16964	0.390742	-2.55923	0.956149	1.01595	1.01595	0.479843	1.58624	1.58624	0.892005	5.82894	5.80858	1
cg15079532	CD70	0.569583	0.53528	1.08808	1.08808	0.0911	1.32141	1.32141	0.124525	0.0107477	-2.01519	0.0979434	1.00111	1.00111	0.0985037	-1.01519	0.0979434	1.00111	1.00111	0.0985037	-1.01519	0.0979434	1.00111	1.00111	0.0985037	-1.01519	0.0979434	1.00111	1.00111	0.0985037	-1.01519	0.0979434	1.00111	1
cg21887193	AGAP3;AGAP3	0.569583	0.943518	1.05459	1.05459	0.88219	0.894724	-1.11766	0.56428	1.15482	1.54942	0.599545	1.48876	-1.48876	0.129694	0.288605	-3.46494	0.462145	1.7559	1.7559	0.6158	0.683873	-1.46226	0.162413	0.323009	-3.09589	0.579076	1.52341	1.52341	0.892045	7.84139	6.78446	1
cg18269816	ATF6B;ATF6B	0.569587	0.749987	1.07493	1.07493	0.438634	1.727208	1.57512	0.361607	1.66067	1.49999	0.439664	0.731487	-1.40553	0.191473	0.488222	-2.04807	0.080137	0.445564	-2.24468	0.0819142	0.09914	1.00914	0.902403	0.2244068	0.894752	0.0818326	0.0818326	0.0818326	0.0818326	0.0818326	0.0818326	0.0818326	1
cg20668822	HLA-B AN1;ANK1;ANK1;ANK1;ANK1;ANK1;AN	0.569594	0.743278	0.86879	-1.15103	0.598515	1.25533	1.25533	0.986799	1.00711	1.00711	0.294275	0.627791	-1.59289	0.751073	0.872664	1.14592	0.549828	0.771857	-1.29558	0.553514	0.773745	-1.29241	0.0626187	2.45153	2.45153	0.977891	1.01193	1.01193	0.891981	2.58753	2.57856	1
cg24739382	K1;ANK1	0.5696	0.244129	0.280947	-3.55939	0.423241	2.34432	2.34432	0.651137	0.62234	-1.60684	0.389436	0.398958	-2.50653	0.853693	0.137868	-7.25333	0.721717	0.688938	-1.45151	?	?	0.577624	0.556493	-1.79697	0.607698	0.583047	-1.71513	0.878985	13.4462	15.2817	1
cg03182584	KIAA0895;KIAA0895	0.569604	0.316868	0.401808	-2.48875	0.263722	2.79161	2.79161	0.284318	2.66465	2.66465	0.43405	0.494908	-2.02058	0.188665	0.293095	-3.41187	0.423562	0.486641	-2.0549	0.777069	0.7786094	-1.2842	0.998207	0.998022	-1.00198	0.736911	0.742963	-1.34596	0.891965	10.9691	10.9312	1
cg04632821	LOC84931	0.569659	0.690597	0.738182	-1.35407	0.1846304	0.304098	-3.28358	0.151808	0.382919	-2.61152	0.470556	0.633636	-1.57819	0.888321	0.911404	-1.09721	0.169214	0.401174	-2.49264	0.6935571	0.7801437	-1.28157	0.879238	0.8438	1.18467	0.184607	0.891951	0.843991	0.874505	1	1
cg01964303	ABCB6	0.569628	0.534146	0.35697	1.35697	0.85123	0.912994	-1.0953	0.246408	0.555687	-1.79958	0.105857	0.424703	-2.35458	0.714286	0.836572	-1.19514	0.415737	0.568123	-1.49673	0.323993	0.61028	-1.63859	0.865077	0.08594	1.08594	0.20014	0.518851	0.527333	0.891926	1.32029	3.30899	1
cg02721065	DEPOC6	0.569639	0.939906	0.945626	-1.0575	0.207363	0.373095	-2.68028	0.722874	0.767951	-1.30217	0.180872	2.86763	2.86763	0.928933	1.06838	1.06838	0.491982	1.67786	1.67786	0.201151	2.70781	2.70781	0.372982	1.97031	1.97031	0.570332	1.53009	1.53009	0.891908	7.76714	7.74085	1
cg14650116	NDOR1;NDOR1;NDOR1;NDOR1	0.569641	0.525323	1.08645	1.08645	0.571503	1.1101	1.1101	0.354477	1.11837	1.11837	0.91302	0.979746	-1.02107	0.913922	0.979746	-1.02107	0.913922	0.979746	-1.02107	0.913922	0.979746	-1.02107	0.913922	0.979746	-1.02107	0.913922	0.979746	-1.02107	0.913922	0.979746	-1.02107	0.913922	1
cg17895873	SMYD5	0.569647	0.125676	0.72974	-1.37035	0.333619	0.827289	-1.20877	0.692485	0.927212	-1.07855	0.996872	1.00075	-1.00075	0.482061	0.872978	1.1455	0.580329	1.11211	1.11211	0.290425	1.23195	1.23195	0.388736	1.18287	1.18287	0.623482	0.910217	-1.09864	0.891895	0.510583

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(5 37T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test	SS(Test)	SS(Error)	F(Error
cg12443168	LYAE;LYEE;LOC100133669	0.570116	0.571279	0.734204	1.36202	0.420171	0.64098	-1.56011	0.217445	0.496234	2.015218	0.644415	1.28528	1.28528	0.403516	0.63026	-1.58665	0.230781	0.626548	-1.59783	0.161258	0.445778	-2.24327	0.130437	0.413935	-2.41584	0.291347	0.553623	0.80826	0.891143	4.1158	4.10538	1
cg01249860	DEPDC5;DEPDC5	0.570116	0.198245	0.563637	-1.77422	0.420071	0.706547	-1.41533	0.94008	0.973426	-1.0273	0.828132	0.912488	-1.09591	0.116892	0.487588	-2.05091		0.513207	0.756077	-1.32262	0.107275	0.476507	-2.0986	0.769005	0.883223	-1.13222	0.284768	0.625926	-1.59763	0.891143	2.50951	2.50316	1
cg14957214	PATZ1;PATZ1;PATZ1;PATZ1	0.570122	0.175916	0.712028	-1.40444	0.850998	0.956588	-1.04538	0.503664	1.17371	1.17371	0.23076	0.743257	-1.34543	0.196378	0.724399	-1.38045		0.826976	1.05302	1.05302	0.9112	0.974013	-1.02668	0.33399	1.26514	1.26514	0.674612	0.905149	-1.10479	0.891134	0.786178	0.784198	1
cg18061543	TBC0	0.570131	0.424877	0.821831	-1.2168	0.536969	1.16245	-1.16245	0.124057	1.49334	1.49334	0.46806	1.19456	1.19456	0.747301	1.08095	1.08095		0.511871	1.17373	1.17373	0.210009	1.3745	1.3745	0.960623	1.101991	1.101991	0.170101	1.42166	1.42166	0.891119	0.818235	0.816188	1
cg01852661	CCNG1;CCNG1 ZDHHC15;ZDHHC15;ZDHHC15;ZDHHC1	0.570134	0.0938851	0.558577	-1.79027	0.435505	0.777616	-1.28598	0.916691	0.96862	-1.0324	0.641418	0.862192	-1.15983	0.192049	0.646252	-1.54738		0.932582	1.02711	1.02711	0.702844	0.885881	-1.12882	0.122426	0.580077	-1.69757	0.41215	0.767135	-1.30355	0.891115	1.41055	1.40702	1
cg13307142	5;ZDHHC15;ZDHHC15	0.570148	0.164189	0.0711743	-14.05	0.874411	0.754572	-1.32525	0.904566	1.23805	1.23805	0.183695	12.318	12.318	0.295979	6.88477	6.88477		0.336497	0.171315	-5.83722	0.890546	1.27779	1.27779	0.541857	0.333087	-3.00222	0.910757	0.819049	-1.22093	0.891093	44.7314	44.6207	1
cg06437155	MICAL2	0.570155	0.281043	1.59988	1.50998	0.36048	1.48335	1.48335	0.0598129	2.43694	2.43694	0.416588	1.41655	1.41655	0.532336	1.30379	1.30379		0.53408	1.30229	1.30229	0.8101561	1.10621	1.10621	0.537646	1.29922	1.29922	0.149306	1.91272	1.91272	0.891082	2.48262	2.47651	1
cg00211215	HLA-DRB1	0.570167	0.526257	3.08096	3.08096	0.464684	2.25629	2.25629	0.95097	1.02155	1.02155	0.629881	0.850127	1.17629	0.23795	4.27485	4.27485		0.564729	2.73338	2.73338	0.210465	0.0990277	-10.0982	0.809986	0.655666	-1.52517	0.142554	0.81414	0.891082	43.3338	43.2281	1
cg02042605	SPHK1;SPHK1;SPHK1;SPHK1	0.570177	0.345367	0.750262	-1.33287	0.241292	1.43713	1.43713	0.114162	1.66208	1.66208	0.67361	0.882276	-1.13343	0.909956	0.967105	-1.03401		0.910173	1.03393	1.03393	0.629899	0.866277	-1.15437	0.592011	0.852191	-1.17345	0.397066	1.29225	1.29225	0.891047	1.23357	1.23058	1
cg26727816	L21R;L21R	0.570179	0.203699	0.358091	-2.79337	0.358091	0.722355	1.38468	0.0899652	0.667234	-1.49872	0.17224	0.329619	0.189976	0.0778	0.14575	-6.86139		0.348701	0.478586	0.478586	0.0849049	0.214561	0.368696	-2.71292	0.189083	0.344262	-2.88798	0.265087	0.891043	8.23367	8.21376	1
cg01974195	SH3PXD2B	0.570185	0.925597	0.904273	-1.10586	0.0847244	0.79289	1.77928	0.122112	6.08032	6.08032	0.707307	0.666083	-1.50132	0.511528	0.48808	-2.04884		0.907538	1.13334	1.13334	0.886284	0.866815	1.16582	0.914253	0.890447	-1.12303	0.870207	0.883482	-1.19263	0.891034	16.3772	16.3378	1
cg04044445	EXT2;EXT2	0.570219	0.0747529	0.775564	-1.37445	0.885861	0.977248	-1.02328	0.958406	1.00839	1.00839	0.634262	0.936079	-1.07982	0.80455	1.04053	1.04053		0.244812	0.822836	-1.21525	0.646082	1.0769	1.0769	0.18163	1.796756	-1.25509	0.759637	0.952016	1.0504	0.891025	0.362196	0.361467	1
cg13509665	MED21	0.570191	0.647057	1.0905	1.0905	0.8829	0.972681	-1.02809	0.971508	1.03089	1.03089	0.606937	1.02244	1.02244	0.172022	1.04318	1.04318		0.244921	1.25682	1.25682	0.154365	0.75087	-1.33179	0.636385	1.03962	1.03962	0.386421	1.18159	1.18159	0.891024	0.498409	0.497215	1
cg02138198	NAB2	0.570196	0.148693	0.595446	-1.67941	0.691991	1.14257	1.14257	0.510673	1.25023	1.25023	0.862235	1.05986	1.05986	0.2713	0.685589	-1.46716		0.415117	0.756682	-1.32156	0.233524	0.546582	1.22656	0.822656	0.891015	1.58099	1.57721	1
cg03446195	SHROOM3	0.570229	0.797969	1.10928	1.10928	0.49126	1.32666	1.32666	0.261731	1.66509	1.66509	0.560056	0.788002	-1.26003	0.130458	1.93547	1.93547		0.624902	1.89367	-1.22845	0.954396	1.02339	1.02339	0.993057	0.996448	-1.00152	0.131743	1.93055	1.93055	0.890979	2.30672	2.3013	1
cg06533728	TMEM134;TMEM134;TMEM134	0.57022	0.993125	0.997109	-1.0029	0.711262	1.13306	1.13306	0.873165	1.05515	1.05515	0.535161	1.23493	1.23493	0.22751	1.53058	1.53058		0.981487	0.992234	-1.00783	0.104888	0.55132	-1.81383	0.882064	1.05114	1.05114	0.216453	1.54807	1.54807	0.890977	1.593	1.58927	1
cg01370512	TAOK2;TAOK2	0.570222	0.157926	1.26359	1.26359	0.945065	0.98904	-1.01071	0.318124	1.17301	1.17301	0.499229	1.11256	1.11256	0.405595	1.1413	1.1413		0.256238	1.20113	1.20113	0.962122	1.00737	1.00737	0.0772226	1.15501	1.15501	0.591568	1.08742	1.08742	0.890974	0.337455	0.336666	1
cg18363568	E2F3	0.570233	0.106762	0.20418	3.00418	0.804545	1.14334	1.14334	0.667701	1.31042	1.31042	0.857955	1.10264	1.10264	0.460557	0.625444	-1.59886		0.343171	1.83995	1.83995	0.360448	0.54863	-1.82272	0.336228	0.538276	-1.85788	0.8001	0.910021	-1.09888	0.890956	5.5059	5.49313	1
cg17608440	TCF12;TCF7L2;TCF12;TCF7L2;TCF12;TCF7L2;TCF12; TCF12	0.570233	0.345397	0.802916	-1.24546	0.0837351	1.54082	1.54082	0.385027	1.22283	1.22283	0.89426	0.970409	-1.03049	0.672351	0.908385	-1.10085		0.799714	1.05911	1.05911	0.35492	1.23981	1.23981	0.607826	0.889658	-1.12403	0.594074	1.12919	1.12919	0.890956	0.719941	0.718271	1
cg27589921	CIAPIN1	0.570234	0.510823	0.835143	-1.1974	0.603658	0.868084	-1.15196	0.180201	0.868056	-1.46874	0.660408	0.887435	-1.12684	0.112573	0.627148	-1.59452		0.930171	0.976604	-1.02396	0.432514	1.24155	1.24155	0.601756	1.15283	1.15283	0.130034	0.753202	-1.32766	0.890954	1.02984	1.02709	1
cg27449255	WWP2;WWP2	0.570242	0.753557	1.12382	1.12382	0.573073	1.66766	1.66766	0.153959	1.70125	1.70125	0.0559	1.24421	1.24421	0.0917442	1.10884	1.10884	0.164594	1.582071	1.7162	1.7162	0.0564554	1.2087	1.2087	0.507329	0.782313	-1.27826	0.890941	1.87961	1.87528	1
cg04780561	CCNY;CCNY	0.570253	0.900032	1.03906	1.03906	0.118273	1.67712	1.67712	0.589407	1.18072	1.18072	0.533385	1.21207	1.21207	0.798584	1.08108	1.08108		0.361121	1.33139	1.33139	0.0553435	1.9391	1.9391	0.615658	1.16687	1.16687	0.533882	1.21178	1.21178	0.890925	1.33165	1.30866	1
cg20695238	CLNG;CALML4;CALML4	0.570255	0.40857	0.853393	-1.17179	0.650975	0.96673	-1.03442	0.476119	0.872931	-1.14557	0.880081	0.988755	-1.01145	0.97208	1.02703	1.02703		0.711085	0.932598	-1.07227	0.1967	0.774134	-1.29177	0.655845	0.678698	-1.47341	0.838882	0.962536	-1.03892	0.890921	0.496367	0.495235	1
cg07992500	CDC42EP3	0.570272	0.744209	0.88353	-1.13181	0.681783	1.39899	1.39899	0.158096	0.908209	0.736413	1.3579	0.903653	1.0418	0.429347	0.733578	-1.36313		0.744705	0.876585	1.3449	0.7439	0.760202	-1.30514	0.244542	0.371306	0.6932	0.88981	0.944662	0.32372	0.890956	0.5059	0.549313	1
cg04786986	FOXP2;FOXP2;FOXP2;FOXP2;FOXP2;FOX P2	0.570283	0.64694	0.751962	-1.32985	0.514024	0.664259	-1.50544	0.243084	2.12779	2.12779	0.439158	1.62864	1.62864	0.220222	0.450777	-2.21839		0.206198	0.43857	-2.28014	0.524051	0.670909	-1.49051	0.554003	0.690712	-1.44778	0.684072	1.28675	1.28675	0.890876	5.39145	5.37942	1
cg13604020	DDX17;DDX17	0.570294	0.577301	0.75428	-1.32577	0.125142	2.29644	2.29644	0.134565	2.24352	2.24352	0.653154	1.25428	1.25428	0.991775	0.994851	-1.00518		0.455406	0.683332	-1.46342	0.670189	0.806891	-1.23933	0.974287	1.01627	1.01627	0.46488	1.4514	1.4514	0.890859	3.53924	3.53142	1
cg12899673	JUP;JUP	0.570299	0.568556	0.729683	-1.37046	0.125555	0.403904	-2.47583	0.262476	0.527862	-1.89443	0.91545	1.05979	1.05979	0.0983241	0.371039	-2.69513		0.306757	0.560669	-1.78358	0.995749	0.997091	-1.00292	0.411166	0.615156	-1.58338	0.466139	0.6666	-1.50015	0.890885	4.21931	4.21002	1
cg22736079	PCYOX1	0.570338	0.947734	1.16619	1.16619	0.857611	1.13134	1.13134	-1.4172	1.52802	1.52802	0.655832	1.01334	1.01334	0.130666	0.684842	-1.46042	0.215084	0.390302	0.657459	-1.52107	0.311866	0.686487	-1.45497	0.878679	2.80759	3.19524	1
cg27444744	DSC1;DSC1	0.570343	0.628186	0.78626	-1.27184	0.19485	0.508797	-1.96542	0.288011	0.580679	-1.72212	0.489972	0.707829	-1.41277	0.0831939	0.388638	-2.57309		0.425035	0.669368	-1.49395	0.320677	0.60314	-1.65799	0.503135	0.17035	1.17035	0.29404	0.585534	-1.70784	0.890779	3.42556	3.41829	1
cg05393733	SLC7A5	0.570365	0.160384	2.0886	2.0886	0.178073	1.66766	1.66766	0.153959	1.70125	1.70125	0.0559	1.24421	1.24421	0.0917442	1.10884	1.10884	0.164594	1.582071	1.7162	1.7162	0.0564554	1.2087	1.2087	0.507329	0.782313	-1.27826	0.890941	1.87961	1.87528	1
cg26933359	PNP	0.570366	0.216045	0.659662	-1.51593	0.720921	1.12145	1.12145	0.951631	1.01957	1.01957	0.940319	0.976365	-1.02421	0.284315	1.42677	1.42677		0.61233	1.17738	1.17738	0.624866	0.854301	-1.17055	0.24326	0.676942	-1.47723	0.177586	0.632492	-1.58305	0.890742	1.44049	1.43749	1
cg03950493	KIRREL3;KIRREL3	0.570383	0.321824	1.42055	1.42055	0.470168	0.777245	-1.28659	0.897315	0.956682	-1.04528	0.298901	0.691227	-1.4467	0.685008	1.15013	1.15013		0.384922	1.35736	1.35736	0.127361	1.76028	1.76028	0.387834	1.3547	1.3547	0.947688	0.977746	-1.02276	0.890716	1.65956	1.65615	1
cg21137823	PIKC2	0.570384	0.356535	1.27554	1.27554	0.27852	1.24758	1.24758	0.127564	1.62527	1.62527	0.374841	1.33124	1.33124	0.614744	0.591388	-1.69094	-1.77012	0.72655	1.06074	1.4477	0.477358	0.605706	-2.14107	0.477358	0.154596	1.34606	1.34606	0.890714	1.15466	1.15424	1
cg01804827	PRIC1	0.570393	0.70118	0.931946	-1.07302	0.535331	0.891586	-1.1216	0.329787	1.20183	1.20183	0.101334	0.720408	-1.3881	0.240716	0.798808	-1.25172		0.718453	0.935961	-1.06842	0.661754	0.922679	-1.0838	0.466229	1.14516	1.14516	0.795886	1.04853	1.04853	0.8907	0.471383	0.470425	1
cg22303895	FAM142;MFAP3;MFAP3;MFAP3	0.570403	0.113777	0.185804	-5.38256	0.457229	1.1092	-1.09032	0.542085	0.625706	-1.60026	0.689784	0.858156	-1.16547	0.0433	0.389923	-2.56497	-1.03487	0.15853	0.828176	-1.20747	0.476282	0.31227	-1.09617	0.883951	0.310052	0.817088	1.11876	0.818404	0.202097	0.220252	1
cg03724260	ZBTB4;POLR2A	0.570408	0.339541	1.26747	1.26747	0.76101	1.1065	1.1065	0.190094	0.715951	-1.39674	0.227566	1.35662	1.35662	0.468145	0.837158	1.19452		0.476796	1.19028	1.19028	0.358474	1.25529	1.25529	0.447598	1.20486	1.20486	0.659847	1.11254	1.11254	0.890676	0.817873	0.816197	1
cg07161071	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.570415	0.9171	0.979476	-1.02095	0.804484	0.9518	-1.05064	0.0650408	0.66192	-1.51076	0.806355	1.05013	1.05013	0.289115	1.24504	1.24504		0.588184	0.896833	-1.11503	0.275043	0.795752	-1.25381	0.734564	0.934464	-1.07013	0.901883	0.975734	-1.02487	0.890664	0.559581	0.558466	1
cg06795635	PARP8	0.570422	0.467326	1.14899	1.14899	0.870484	1.78225	1.78225	0.0636025	2.74526	2.74526	0.188235	1.08235	1.08235	0.0850605	1.47055	1.47055	0.0439482	1.88654	2.0704	2.0704	0.0256777	1.77256	1.77256	0.53141	1.22644	1.22644	0.194842	1.5551	1.55551	0.890637	1.64264	1.45956	1
cg01137990	GPAA1	0.57044	0.33448	1.30362	1.30362	0.274308	1.35392	1.35392	0.24371	1.38391	1.38391	0.128815	1.54842	1.54842	0.349909	1.29209	1.29209		0.463037	0.819564	-1.22016	0.682808	0.896333	-1.11566	0.966768	1.01116	1.01116	0.637091	1.13495	1.13495	0.890624	1.00089	0.998043	1
cg12310052	PPM2;PPM2	0.570429	0.443066	1.2886	1.2886	0.681783	1.39899	1.39899	0.158096	0.908209	0.736413	1.3579	0.903653	1.0418	0.429347	0.733578	-1.36313		0.744705	0.876585	1.3449	0.7439	0.760202	-1.30514	0.244542	0.371306	0.6932	0.88981	0.944662	0.32372	0.890956	0.5059	0.549313	1
cg08932654	ORMDL3	0.570453	0.701428	0.75895	-1.31761	0.296443	0.460649	-2.17085	0.586247	0.674588	-1.48216	0.212153	2.56247	2.56247	0.582187	0.671756	-1.48864		0.389775	0.532053	-1.87951	0.413361	0.544902	-1.81986	0.146791	0.327918	-3.04954	0.686804	1.33672	1.33672	0.890603	7.23104	7.21712	1
cg04088508	ZC4H2;ZC4H2	0.570453	0.932329	0.914134	-1.09157	0.532665	0.810341	-1.91923	0.0623688	1.18508	1.18508	0.88857	1.01489	1.01489	0.609956	1.16444	1.16444		0.0989957	0.15261	-6.55264	0.205939	0.342241	-3.99446	0.213529	0.26068	-3.83613	0.485321	0.480953	-2.07921	0.890603	15.0116	14.9827	1
cg01404435	FBMD5	0.570453	0.59281	1.06609	1.06609	0.83803	0.8132	-1.22971	0.538641	0.891287	1.19897	0.466346	0.720797	1.14993	0.2	1.14003	1.14003		0.3877	0.840818	-1.17783	0.873052	1.0	1.0	0.242	1.042	1.042	0.138883	1.35196	1.35196	0.8906	0.482017	0.481135	1
cg10091798	SLC38A1;SLC38A1	0.570456	0.656829	0.915988	-1.09172	0.841766	0.961534	-1.04	0.599153	0.901149	-1.10969	0.528541	0.88223	-1.13349	0.605819	0.902888	-1.10756		0.647011	1.0947	1.0947	0.0494016	1.55283	1.55283	0.852	1.03733	1.03733	0.587189	0.898008	-1.11358	0.890599	0.543203	0.542159	1
cg00098732	HS6ST2;HS6ST2	0.570458	0.3014	1.39094	1.39094	0.818653	1.21698	1.21698	0.887737	1.08922	1.08922	-1.12331	0.19477	1.32574	-3.07538	0.163104	0.295424	-3.38496	0.324792	1.29488	1.29488	0.179245	0.2507	1.2507	0.614389	0.659614	-1.51604	0.890595	0.946275	0.94463	1
cg22498365	TBC0	0.570466	0.212686	0.572031	-1.74816	0.464084	0.728242	-1.37317	0.726399	0.861135	-1.16126	0.9349	0.965832	-1.03538	0.181648	0.54695	-1.82832		0.879348	1.06678	1.06678	0.296161	1.58565	1.58565	0.835141	1.09274	1.09274	0.18802	0.552295	-1.81063	0.890583	2.55446	2.5496	1
cg25112936	ANO7	0.570467	0.490226	0.89914	-1.11193	0.558846	1.1065	1.1065	0.988189	1.00224	1.00224	0.916535	1.39868	1.39868	0.480539	0.89714	-1.11465		0.62759	1.06567	1.06567	0.737663	0.948665	-1.05411	0.679009	0.947331	0.947331	0.803418	1.02312	1.02312	0.890576	0.923251	0.922818	1
cg02316852	RPA1	0.570472	0.940158	1.01883	1.01883	0.917735	0.974651	-1.02601	0.474307	0.871421	-1.14755	0.687422	0.904367	-1.10575	0.033485	0.539155	-1.85407		0.54814	0.859827	-1.1632	0.597535	0.74157	-1.34157	0.783313	0.70991	-1.40901	0.740927	0.920851	-1.08595	0.890572	0.871123	0.869476	1
cg00655779	T7	0.570487	0.95981	0.987269	-1.0129	0.24125	1.36603	1.36603	0.634096	0.885219	-1.12966	0.403998	0.804833	-1.24249	0.828019	1.05688	1.05688	CCT7;CCT7;CCT7;CCT7;CCT7;CCT7;CCT7;CC T7	0.846249	1.0506	1.0506	0.0689077	0.559952	-1.67799	0.976553	0.992555	-1.0075	0.668268	1.11584	1.08548	0.911841	0.910142	1
cg17963089	PHPT1;PHPT1	0.570494	0.309258	1.23529	1.23529	0.824957	1.04549	-1.04549	0.886486	1.0291	1.0291	0.607222	0.901117	-1.10973	0.406257	1.18603	1.18603		0.110553	1.4179	1.4179	0.20168	1.33093	1.33093	0.672413	1.08916	1.08916	0.174786	1.3362	1.3362	0.8905	0.56874	0.567687	1
cg04141652	FLJ42875;PRDM16;PRDM16;FLJ42875	0.570501	0.802058	0.902527	-1.10844	0.555688	0.929191	-1.09127	0.733797	2.1929	2.1929	0.915293	0.925765	-1.08019	0.692152	0.74918	-1.33444		0.126293	3.13731	3.13731	0.637293	1.41101	1.41101	0.0918845	1.945585	-1.05755	0.114004	1.4781	1.4781	0.890527	1.74285	1.73931	1
cg19455396	TAP2;TAP2	0.570501	0.781799	1.59653	1.59653	0.736819	0.566453	-1.76537	0.846486	0.783067	-1.27703	0.665915	0.207895	2.07895	0.65957	0.473792	2.11063		0.876751	1.769879	-1.29891	0.397715	0.43025	4.30225	0.174113	0.14308	11.4308	0.0971003	0.0464993	-21.5057	0.890526	40.047	39.9733	1
cg03796003	KCTD5	0.570506	0.620229	2.07606	2.07606	0.348392	4.10327	4.10327	0.638168	0.500238	-1.99905	0.206293	0.142355	-7.02467	0.686851	1.80876	1.80876		0.523525	2.57553	2.57553	0.182659	7.90957	7.90957	0.358004	0.251005	-3.98398	0.698324	0.565777	-1.76748	0.890519	30.161	30.1058	1
cg03535797	RRAS2;RRAS2	0.570515	0.104963	0.88604	-1.12858	0.0847244	0.79289	1.77928	0.122112	6.08032	6.08032	0.707307	0.666083	-1.50132	0.511528	0.48808	-2.04884		0.907538	1.13334	1.13334	0.886284	0.866815	1.16582	0.914253	0.890447	-1.12303	0.870207	0.883482	-1.19263	0.891034	16.3772	16.3378	1
cg16047490	ITGB4;ITGB4	0.570535	0.126577	10.4275	10.4275	0.675013	0.553509	-1.80666	0.343007	3.95634	3.95634	0.397692	3.3804	3.3804	0.256359	5.31924	5.31924		0.364991	3.70589	3.70589	0.746165	1.57683	1.57683	?	?	?	?	?	?	0.8907	0.860986	20.6048	23.6841	1
cg09832885	SDF4;SDF4	0.570536	0.938266	1.08146	1.08146	0.842457	0.912421	1.19121	0.0923547	1.35089	1.35089	0.276562	0.826305	-1.21012	0.882218	0.9551	-1.04709		0.991958	0.963368	-1.03792	0.533923	1.18357	1.18357	0.929533	1.0581	1.0581	0.417079	0.80349	-1.24457	0.890517	0.123938	0.123908	1
cg23997911	AGPAT4	0.570539	0.207048	0.384854	-2.59839	0.621901	1.42865	1.42865	0.920893	1.07389	1.07389	0.593924	0.946764	-1.05623	0.0672578	0.229537	4.3566		0.291193	0.455657	-2.19463	0.491826	0.605905	-1.65042	0.994802	0.995336	-1.00469	0.526365	0.630843	-1.58518	0.890466	7.76296	7.25009	1
cg03016446	CBARA1	0.570542	0.270724	1.32527	1.32527	0.55443	0.863429	-1.15817	0.386189	0.804001	-1.24378	0.791943	1.08098	1.08098	0.896968	1.03233	1.03233		0.252555	1.34111	1.34111	0.724711	1.09071	1.09071	0.106926	1.54068	1.54068	0.768712	0.930144	-1.07551	0.890461	0.850454	0.849038	1
cg19505129	KLF8;KLF8	0.570545	0.181259	1.09819	1.09819	0.747962	0.728242	-1.37317	0.726399	0.861135	-1.16126	0.9349	0.965832	-1.03538	0.181648	0.54695	-1.82832		0.152122	1.06582	1.06582	0.296161	1.58565	1.58565	0.835141	1.09274	1.09274	0.18802	0.552295	-1.81063	0.890583	2.55446	2.5496	1
cg11849105	GSTK1;GSTK1;GSTK1;GSTK1	0.570549	0.850363	0.938026	-1.06607	0.917315	0.03588	1.03588	0.332024	1.40356	1.40356	0.0765369	0.513041	-1.94916	0.438726	1.30676	1.30676		0.542637	1.23216	1.23216	0.690395	1.14526	1.14526	0.578892	1.20915	1.20915	0.443004	1.30338	1.30338	0.890449	1.61835	1.61551	1
cg27249178	MRAS;NRAS	0.570555	0.251264	3.96512	3.96512	0.364207	1.20444	1.20444	0.660248	0.646532	-2.14906	0.834573	0.816214	-1.22516	2	?	?		0.538334	0.644764	-1.55068	0.202099	0.357447	2.79801	0.0447564	0.574601	1.74041	0.284769	1.31	0.943254	0.890453	1.36185	1.36156	1
cg01153166	NR2F2;NR2F2;NR2F2;NR2F2	0.570557	0.989539	0.997173	-1.00284	0.550717	1.13926	1.13926	0.741016	0.930871	-1.07426	0.928441	1.02114	1.02114	0.982533	0.995283	-1.00474		0.830452	1.954745	-1.0474	0.297714	0.792036	-1.26257	0.958357	0.988786	-1.01134	0.0470565	1.63371	1.63371	0.89044	0.657814	0.656669	1
cg21211688	ADAMTS12;ADAMTS12	0.570557	0.468828	5.68711	5.68711	0.898812	1.34888	1.34888	0.917041	0.78263	-1.27774	0.436564	0.553716	-6.50551	0.394114	7.85183	7.85183		0.398199	0.129766	-7.70

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111F 057 vs. N)	Fold-Change(111F 057 vs. N)	Ratio(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T 117 vs. N)	Ratio(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T 127 vs. N)	Ratio(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	Ratio(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T 537 vs. N)	Ratio(537T vs. N)	p-value(5 377 vs. N)	Fold-Change(5 377 vs. N)	Ratio(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg14317651	GALK2;GALK2;COPS2;COPS2	0.571075	0.553887	0.888409	-1.12561	0.36784	1.20056	1.20056	0.911174	0.978189	-1.0223	0.766829	1.06052	1.06052	0.540201	0.884618	-1.13043	0.139949	0.730648	-1.36865	0.163115	1.34394	1.34394	0.726223	1.07194	1.07194	0.664444	0.997368	-1.00608	0.888607	0.550182	0.549738	1
cg27295042	CASZ1;CASZ1	0.571076	0.555524	0.835108	-1.19745	0.329209	1.3557	1.3557	0.38522	1.3087	0.53824	1.20713	1.20713	0.991712	0.579106	-1.7268	0.629147	1.15842	1.15842	0.649491	1.1265	1.1265	0.595007	1.17603	0.461752	1.2541	1.2541	0.889606	1.28678	1.28574	1
cg02783314	GMDS	0.571081	0.261938	1.58095	1.58095	0.801181	1.103384	1.103384	0.77714	0.89484	-1.11752	0.55986	1.25967	1.25967	0.0929872	2.06191	2.06191	0.964201	0.98258	-1.01773	0.331663	0.675599	-1.48017	0.779489	0.855922	-1.11617	0.331531	1.47779	1.47779	0.889597	2.15997	2.15825	1
cg15824045	MPZ04	0.571083	0.382494	0.733241	-1.36381	0.957311	0.981634	-1.01871	0.674311	1.15769	0.171273	1.37445	1.37445	0.116462	0.553795	-1.80572	0.240596	1.5216	1.5216	0.555007	0.813143	-1.2298	0.740917	0.891408	-1.12182	0.725678	1.12981	1.12981	0.889594	1.69106	1.68972	1
cg23670599	RORA;RORA;RORA;RORA	0.571086	0.736265	1.2211	1.2211	0.907077	1.07144	1.07144	0.594029	1.37425	0.225248	2.12256	2.12256	0.582504	1.45904	1.45904	?	?	?	0.0945488	0.337593	-2.96215	0.996131	1.00287	1.00287	0.615521	1.34881	1.34881	0.887457	0.413343	0.491582	1
cg24075680	CBX7	0.571102	0.880955	1.04129	1.04129	0.988183	0.99601	-1.00401	0.630119	1.13996	1.13996	0.518931	0.838377	-1.19307	0.570051	1.16762	1.16762	0.215855	1.42141	1.42141	0.285474	0.741192	-1.34918	0.292306	0.744557	-1.34308	0.217096	1.4192	1.4192	0.889563	1.02685	1.02607	1
cg13799838	TLE1	0.571106	0.783474	0.875136	-1.14268	0.142846	0.466476	-2.14373	0.837943	0.905599	-1.10424	0.803555	0.886318	-1.12826	0.673768	1.22754	1.22754	0.74557	0.85415	-1.17075	0.272632	1.73821	1.73821	0.140474	2.15498	2.15498	0.904925	0.943786	-1.05956	0.889557	3.303	3.30052	1
cg15215144	C17orf61	0.571108	0.98598	0.977718	-1.02279	?	?	?	0.407018	2.67635	?	?	?	0.461538	2.48231	2.48231	?	?	?	?	?	?	?	?	0.275044	0.249517	-4.00774	0.791553	7.70562	14.6032	1
cg16170319	FAM129A	0.571111	0.979058	0.994036	-1.006	0.429718	0.832194	-1.20164	0.874687	1.03662	1.03662	0.548186	0.870694	-1.14851	0.101874	1.50387	1.50387	0.842529	1.04637	1.04637	0.196548	0.732593	-1.36501	0.417563	0.827967	-1.20778	0.739088	0.926659	-1.07915	0.895552	0.731595	0.73105	1
cg01758418	SLC7A3;SLC7A3	0.571111	0.264614	0.431455	-2.31774	0.620731	1.4342	1.4342	0.820701	0.84864	-1.17836	0.506027	1.6288	1.6288	0.202329	2.64635	2.64635	0.123091	0.29776	-3.35841	0.802977	0.834657	-1.1981	0.925708	0.934795	-1.06975	0.935549	1.06021	1.06021	0.889549	7.36381	7.35834	1
cg08278648	MYO19;MYO19A	0.571113	0.36909	0.884892	-1.13042	0.577371	1.29513	1.29513	0.338358	1.50778	1.50778	0.165093	0.807056	-1.23915	0.0870694	1.73302	1.73302	0.218448	1.2144	1.2144	0.584191	0.853068	-1.17153	0.775121	0.889006	-1.12455	0.897447	1.00408	1.00408	0.889547	1.95408	1.93266	1
cg16049335	KDM6B	0.57112	0.152024	1.41181	1.41181	0.152869	1.41067	1.41067	0.554947	0.874412	-1.14363	0.934006	0.981559	-1.01879	0.635378	1.11332	1.11332	0.737828	0.92728	-1.07842	0.336998	1.24916	0.697704	0.916015	-1.09169	0.285536	1.28311	1.28311	0.889535	0.711576	0.711058	1
cg10439651	DEDD;DEDD;DEDD	0.571124	0.319209	3.25112	3.25112	?	?	?	?	?	?	?	?	?	0.745881	0.604037	-1.44051	0.718153	1.50226	1.50226	0.202763	0.234915	-4.65301	0.707	1.52813	1.52813	?	?	?	0.831128	8.57371	12.4388	1
cg26465987	HEATR2	0.571128	0.340884	0.371471	-2.692	0.804396	0.856284	-1.16784	0.229359	2.20043	2.20043	0.760228	0.825812	-1.21093	0.550426	0.685404	-1.45899	0.994588	1.00425	1.00425	0.306066	0.65582	-1.52481	0.58843	0.710638	-1.40719	0.148977	0.379957	-2.63188	0.889522	0.50767	0.503975	1
cg17829401	CCDC61;CRELD1;CRELD1	0.57113	0.969821	1.00625	1.00625	0.792804	0.9576	-1.04428	0.453027	1.14006	1.14006	0.737951	0.944147	-1.05916	0.917641	1.09061	1.09061	0.772784	0.953471	-1.0488	0.942403	0.940585	-1.06354	0.107574	0.395129	-2.53082	0.109532	0.397524	-2.51557	0.848195	1.10664	1.10664	0.889516	3.38934	3.39357	1
cg02343335	IL1FB;IL1FB ACCN3;ACCN3;ACCN3;ACCN3;ACCN3;A	0.571136	0.178727	0.398017	-2.51245	0.351681	0.538974	-1.85538	0.643095	0.740138	-1.3511	0.222562	0.437535	-2.28553	0.348301	0.536496	-1.86395	0.319276	0.514924	-1.94203	0.145467	0.364942	-2.74016	0.148435	0.368033	-2.71715	0.368339	0.551088	-1.81459	0.88951	5.85861	5.85452	1
cg03734783	CCN3	0.571155	0.648168	0.890285	-1.12324	0.526119	1.17625	1.17625	0.581866	0.868763	-1.15106	0.591747	0.872017	-1.14677	0.128241	0.659728	-1.51578	0.312401	1.30257	1.30257	0.262862	1.33869	1.33869	0.697005	1.10404	1.10404	0.598609	1.14382	1.14382	0.889479	0.901422	0.900824	1
cg01032946	SETD1A	0.571158	0.23196	1.62952	1.62952	0.0679039	2.21765	2.21765	0.355507	1.44802	1.44802	0.492916	1.31158	1.31158	0.857174	1.07269	1.07269	0.319998	1.4922	1.4922	0.665542	1.18459	1.18459	0.66294	1.18628	1.18628	0.166942	1.7752	1.7752	0.889475	2.13716	2.13575	1
cg16483969	WIPI2;WIPI2;WIPI2;WIPI2	0.571168	0.465159	0.695408	-1.43922	0.273671	1.23783	1.23783	0.232621	1.30014	1.30014	0.42048	1.28397	1.28397	0.729055	1.07697	1.07697	0.28801	1.25412	1.25412	0.584191	1.12014	1.12014	0.964097	0.81947	-1.2203	0.542416	0.881101	-1.13494	0.889458	0.559261	0.559261	1
cg20461066	PSMD8;PSMD8	0.571188	0.408479	0.881171	-1.13485	0.21447	1.21598	1.21598	0.118199	1.28895	1.28895	0.962961	0.993076	-1.00697	0.913481	1.0164	1.0164	0.986325	1.00257	1.00257	0.632444	1.07477	1.07477	0.222261	1.21159	1.21159	0.616422	0.927213	-1.07785	0.889427	0.353394	0.315203	1
cg01228739	KIAA0226;KIAA0226 PPP1R12B;PPP1R12B;PPP1R12B;PPP1R1 2B;PPP1R12B;PPP1R12B;PPP1R12B;PPP	0.571199	0.547355	1.21376	1.21376	0.866612	1.05494	1.05494	0.582868	0.838235	-1.19298	0.237174	0.67436	-1.48289	0.111212	0.575795	-1.73673	0.595666	1.18576	1.18576	0.280617	1.42874	1.42874	0.952788	1.01901	1.01901	0.902417	1.03979	1.03979	0.889408	1.42572	1.42489	1
cg26526440	1R12B	0.571201	0.571861	0.9007704	-1.11024	0.149021	1.38318	1.38318	0.127213	1.35249	0.902853	0.977894	-1.02261	0.519997	1.127	1.127	1.127	0.677606	0.926321	-1.07954	0.728604	0.938223	-1.06584	0.944354	0.987303	-1.01286	0.532834	1.12259	1.12259	0.889406	0.472066	0.471792	1
cg08166750	EPS8L1;EPS8L1	0.571215	0.901193	0.961715	-1.03981	0.294087	0.710328	-1.4078	0.912624	0.96609	-1.0351	0.40308	0.7642	-1.30856	0.852464	1.06026	1.06026	0.449541	1.27402	1.27402	0.174921	0.635431	-1.57373	0.232279	0.674551	-1.48247	0.32908	1.37242	1.37242	0.889383	1.39137	1.39059	1
cg16005942	IGF2R	0.571216	0.562007	0.74246	-1.34682	0.473135	1.44855	1.44855	?	?	?	?	?	0.331555	1.44855	1.44855	1.44855	0.854117	0.93762	-1.06618	0.633769	1.27635	1.27635	0.660356	0.778043	-1.28504	0.0872746	0.318516	1.63987	1.63987	0.889382	-1.25178	0.519945	0.718033	-1.39269	0.827246	0.318516	1.63987	1
cg19933135	KLHL25	0.571217	0.665772	0.923271	-1.08311	0.976392	0.716162	-1.39633	0.518005	0.886578	-1.12793	0.724708	0.937112	-1.06711	0.382878	0.84842	1.17866	0.945839	0.861246	-1.16111	0.263842	0.809171	-1.23583	0.509013	0.884211	-1.13095	0.0823994	0.702275	1.42394	0.88938	0.457309	0.475046	1
cg09941202	TDP1;C14orf143;TDP1;C14orf143	0.571217	?	?	?	0.29147	2.35239	2.35239	?	?	?	?	0.790607	1.22799	1.22799	0.712039	1.33156	1.33156	0.955193	0.922175	-1.08439	?	?	?	0.713764	1.32914	1.32914	0.14555	0.2903	-3.44471	0.858287	5.13195	5.97929	1
cg11039361	MARK2;MARK2;MARK2;MARK2;MARK2	0.571224	0.718966	0.952506	-1.25754	0.330971	1.88913	1.88913	0.824884	0.527649	-1.8952	0.905199	0.927228	-1.07848	0.369653	1.79368	1.79368	0.649964	1.33606	1.33606	0.465016	1.60246	1.60246	0.228252	2.83646	2.83646	0.436423	0.604419	-1.65448	0.889368	6.5646	6.56155	1
cg07979752	CLIC5	0.571226	0.147836	0.607403	-1.64605	0.0978337	1.70988	1.70988	0.448263	0.856752	-1.22436	0.485333	0.82657	-1.20982	0.208101	0.728846	1.37238	0.885167	1.07976	1.07976	0.844858	1.03393	1.03393	0.970559	1.07249	1.07249	0.545763	1.15756	1.15756	0.889368	0.806679	0.806245	1
cg17639265	SRPK1	0.571227	0.400895	0.546611	-1.82945	0.473114	0.598942	-1.66961	0.488723	1.63901	1.63901	0.860993	0.884151	-1.13103	0.424587	0.563916	1.77331	0.45163	1.71382	1.71382	0.102544	0.285084	-3.50774	0.35458	0.512205	-1.95234	0.357283	0.514238	-1.94462	0.889364	6.95097	6.94726	1
cg09410841	CLN8	0.571231	0.374882	1.75369	1.75369	0.716365	1.25237	1.25237	0.373916	1.75579	1.75579	0.194204	0.428656	-2.33287	0.724706	0.804063	-1.24368	0.578923	1.41304	1.41304	0.801465	1.16812	1.16812	0.853124	0.891989	-1.12109	0.112302	0.90461	2.90461	0.889357	3.55784	3.55502	1
cg09631161	CD81	0.571233	0.853763	1.1049	1.1049	0.672632	0.923116	-1.08329	0.723098	0.845444	-1.18275	0.913166	1.03795	1.03795	0.687036	0.9095	1.0995	0.439982	0.883164	1.13228	0.941139	0.91171	1.0971	0.945689	0.6996	-1.43554	0.268256	0.833731	-1.19943	0.889354	0.55207	0.550887	1
cg27601906	GEMI;GEMI	0.571237	0.668511	0.767906	-1.30224	0.954471	0.963374	-1.03802	0.317621	0.530825	-1.88386	0.861018	0.898132	-1.11342	0.463228	0.632697	-1.58054	0.591391	1.39408	1.39408	0.430433	0.610546	-1.63788	0.176675	0.24124	4.21214	0.151867	0.390155	-2.56309	0.889347	5.29425	5.29152	1
cg26447968	OXTR2	0.571254	0.819158	0.909024	1.10004	0.887533	1.08211	1.08211	0.36027	0.678484	-1.47387	0.861501	0.879207	-1.13742	0.224091	0.550585	-1.81686	0.612703	1.1428	1.1428	0.337509	0.9358	1.0958	0.942404	0.9358	1.0406	0.461591	0.734116	-1.36218	0.889343	2.0955	2.09427	1
cg22750384	BAT2	0.571244	0.351843	0.516788	-1.93503	0.295429	2.11181	2.11181	0.278166	2.1748	2.1748	0.368464	0.529176	-1.88973	0.338138	0.902205	-1.10839	0.570001	1.48517	1.48517	0.865421	1.12397	1.12397	0.739457	1.25854	1.25854	0.241321	0.9746	2.9746	0.889337	0.68599	0.68262	1
cg04940305	DACT2	0.571245	0.603025	0.888952	-1.12492	0.612967	0.891866	-1.12124	0.0732563	1.5654	1.5654	0.70718	1.08835	1.08835	0.370549	0.813594	-1.22911	0.960206	0.988868	-1.01126	0.272958	1.26172	1.26172	0.933983	1.01876	1.01876	0.927265	0.952154	-1.05025	0.889327	0.708943	0.708593	1
cg06880930	CPNE2	0.571249	0.285446	1.90904	1.90904	0.429297	0.974887	1.28275	0.0636995	1.76406	1.76406	0.102416	0.784773	1.09292	1.09292	0.220091	0.550585	1.14206	1.14206	0.703078	0.852806	1.36036	1.36036	0.0824004	1.14897	1.14897	0.511024	0.852806	1.36036	0.889323	1.45896	1.45916	1
cg22473312	LOC148189	0.571259	0.101327	1.32681	1.32681	0.704249	0.16196	1.86196	0.888374	1.02238	1.02238	0.760945	1.04927	1.04927	0.121426	1.30302	1.30302	0.291224	1.18843	1.18843	0.489402	1.11704	1.11704	0.177663	1.25333	1.25333	0.850758	1.03013	1.03013	0.889318	0.349938	0.349771	1
cg22130588	RPRM;RPRM	0.571263	0.881088	1.04158	1.04158	0.972527	1.07148	1.07148	0.102724	1.51842	1.3727	1.3727	0.618196	1.50715	1.48125	0.147755	1.48125	0.403965	1.48456	1.48456	0.104856	0.862133	1.57494	0.162355	0.634757	1.57494	0.162355	0.862133	1.57494	0.624175	0.889295	0.609504	0.608262	1
cg14361804	TNFSF8	0.571265	0.753833	0.70941	-1.40962	0.240811	0.261804	-3.81965	0.481299	0.457858	-2.18408	0.414427	0.402328	-2.48553	0.335642	0.338394	-2.95513	0.406551	1.395881	-2.52601	0.908788	1.13324	1.13324	0.513078	2.06248	2.06248	0.0766945	0.116631	-8.57408	0.889302	16.7755	16.7677	1
cg14446515	OTP	0.571271	0.444312	1.54631	1.54631	0.0708247	2.22322	2.22322	0.0832	1.99254	1.99254	0.493708	1.38944	1.38944	0.442911	1.4732	1.4732	0.724129	1.18257	1.18257	0.624795	0.790553	1.37164	0.411027	0.482317	1.48317	0.0048838	0.944977	-1.05823	0.889294	3.15381	3.15237	1
cg27081296	CENPF	0.571286	0.973931	0.958067	-1.05167	0.882967	1.25509	1.25509	0.154527	0.0855219	-1.6929	0.0827055	0.0855219	-1.6929	0.0827055	0.0855219	-1.6929	0.0855219	-1.6929	0.0827055	0.0855219	-1.6929	0.0827055	0.0855219	-1.6929	0.0827055

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg04132418	LOC285743	0.571888	0.750435	1.62718	0.54758	0.627253	0.465182	-1.1497	0.945779	4.55048	0.45048	0.710815	0.179041	1.79041	0.79041	0.293125	0.50493	0.50493	0.07104307	0.0426832	-23.4284	0.831398	1.39017	1.39017	0.803525	1.47737	1.47737	0.963766	0.931418	-1.07363	0.888105	34.412	34.4346	1
cg17657300	TMEM66	0.571803	0.776517	0.9206586	-1.08615	0.608449	1.16187	1.16187	0.378239	1.30019	1.30019	0.425004	0.789337	-1.26689	0.846317	0.945214	1.05796	0.998632	1.0005	1.0005	0.814275	1.07072	1.07072	0.489332	1.22622	1.22622	0.0509103	1.90739	1.90739	0.888299	1.18618	1.18696	1
cg12522833	GAUK1	0.571913	0.0856126	0.166138	-6.01911	0.163635	0.412361	-2.42506	0.585885	0.594699	-1.68152	0.862226	1.17832	1.17832	0.176535	0.257365	-3.88553	0.592445	0.600224	-1.66604	0.213801	0.290374	-3.44384	0.957795	0.951235	-1.05127	0.319607	0.378474	-2.64219	0.888266	12.5549	12.5637	1
cg09879794	TNFRSF13B	0.571922	0.141203	0.355951	-2.80937	0.139853	0.354517	-2.82074	0.310087	0.594367	-1.68268	0.378385	0.554337	-1.80396	0.38712	0.560621	-1.78373	0.831118	1.860862	-1.1406	0.245949	0.452876	-2.20811	0.178717	0.393525	-2.54114	0.413131	0.579149	-1.72667	0.888252	5.99509	5.99938	1
cg06892635	CCDC42;CCDC42	0.571931	0.69684	1.14571	1.14571	0.235008	1.54104	0.894544	1.04624	1.04624	0.695218	1.1466	1.1466	0.700064	0.874161	-1.14395		0.837028	1.05527	1.05527	0.0914392	0.52425	-1.90749	0.384701	1.36287	1.36287	0.435506	1.3184	1.3184	0.888237	1.69816	1.69941	1
cg24038102	HIPK2;HIPK2	0.571943	0.8855987	1.09604	1.09604	0.1445532	0.365348	-2.73712	0.399568	0.577365	-1.73201	0.526622	0.51399	1.51399	0.855339	0.800428	-1.24988	0.93179	1.05604	1.05604	0.69214	1.28851	1.28851	0.247654	1.21945	1.21945	0.245473	2.16786	2.16786	0.888219	1.57006	1.57137	1
cg00664205	HRNBP3	0.571943	0.243164	2.11181	2.11181	0.112146	2.88291	2.88291	0.281354	1.98442	1.98442	0.486124	1.54215	1.54215	0.690533	1.27756	1.27756	0.74283	0.817477	-1.22328	0.95385	0.965195	-1.03606	0.139371	2.64774	2.64774	0.476933	1.55685	1.55685	0.888218	5.27056	5.27454	1
cg25407089	NAV2;NAV2;NAV2;NAV2	0.571952	0.354387	0.604153	-1.65521	0.328006	0.586251	-1.7057	0.667693	0.79578	-1.25663	0.0886064	0.370269	-2.70074	0.527424	0.712734	-1.40305	0.291558	1.78395	1.78395	0.0760765	0.833023	-1.20045	0.656111	1.26749	1.26749	0.848866	0.902796	-1.10767	0.888203	3.93509	3.93813	1
cg25437385	SLC35F3	0.571956	0.355184	0.7229991	-1.38314	0.0695009	1.99851	1.99851	0.483942	1.04603	1.04603	0.275126	-3.24355	0.543946	0.810312	-1.23503	0.493143	0.789164	-1.26716			0.937145	0.973462	-1.02726	0.911455	0.962774	-1.03866	0.80233	1.08931	1.08931	0.596919	0.833596	-1.19962	0.888198	1.63602	1.63729	1
cg22645355	ASAH2;ASAH2	0.57196	0.564994	5.0240	5.0240	0.914977	0.743505	-1.34498	0.946562	0.830254	-1.20445	0.604147	0.26956	4.26956	0.410147	10.3558	10.3558	0.170705	0.0174466	-57.3177	0.507006	0.47681	6.47681	0.456557	8.20155	8.20155	0.158834	0.0153055	-65.3362	0.888191	108.342	108.428	1
cg18294109	TMEM184A	0.571975	0.1	0.786905	-1.2708	0.154463	1.57953	1.57953	0.73952	0.88802	1.14583	1.14583	0.952516	1.04767	-1.05522	0.0694827	0.709078	-1.25085				0.935653	0.929711	-1.0756	0.124123	0.222472	4.49495	0.760702	0.796559	-1.27136	0.476135	0.519977	1.92316	0.888189	11.4601	11.4692	1
cg20116804	C6orf138	0.571965	0.653213	0.759468	-1.31671	0.0787255	0.904385	-3.27993	0.367149	1.75696	1.75696	0.670027	1.29791	1.29791	0.596347	0.722391	-1.38429	0.690793	1.784088	-1.27537	0.213084	0.450363	-2.22043	0.655507	0.760968	-1.31432	0.850822	1.12135	1.12135	0.888183	5.20594	5.21007	1
cg07142461	ACCN1	0.571982	0.908028	1.06539	1.06539	0.166631	2.24385	2.24385	0.424403	0.635515	-1.56368	0.85535	0.903658	-1.10662	0.83576	1.1205	1.1205	0.174653	2.20618	2.20618	0.778975	0.857102	-1.16672	0.787272	2.18767	2.18767	0.454891	1.51807	1.51807	0.888156	4.22487	4.22836	1
cg08243575	ZBTB40;ZBTB40	0.572003	0.820054	1.06931	1.06931	0.13981	0.641566	-1.55869	0.969417	0.988787	-1.01134	0.705579	0.894371	-1.1181	0.366127	0.76102	-1.31403	0.397947	1.28989	1.28989	0.894797	0.943984	-1.05934	0.378831	0.760778	-1.30416	0.11231	0.601399	-1.66279	0.888123	1.21682	1.21787	1
cg08005809	SCRIB;SCRIB	0.572031	0.375799	1.8024	1.8024	0.0727808	3.05941	3.65941	0.102911	3.17856	3.69676	0.288999	1.28899	1.28899	0.753898	1.24784	1.24784	0.934548	0.948156	-1.05468	0.940066	0.86787	1.86787	0.584546	1.43027	1.43027	0.669873	1.32043	1.32043	0.888178	5.9086	5.914	1
cg05702004	ZNF498	0.572033	0.702117	0.780819	-1.28072	0.302465	1.98922	1.98922	0.14051	2.24501	2.24501	0.863856	1.62003	1.62003	0.518027	1.32797	1.32797	0.704708	0.570485	-1.75289		0.324507	0.320094	-3.12273	0.240118	0.452975	-2.20763	0.998064	0.999419	-1.00156	0.439271	0.60176	-1.66179	0.888077	5.83878	5.83631	1
cg05582165	C3orf17;C3orf17;C3orf17	0.572034	0.74305	0.947225	-1.05572	0.318244	-1.18534	-1.18534	0.172193	1.27062	1.27062	0.902337	0.97997	-1.02044	0.521046	1.11317	1.11317	0.140413	0.769974	-1.29875	0.663524	0.930393	-1.07482	0.743667	1.05557	1.05557	0.630483	0.923322	-1.08317	0.888073	0.382087	0.382438	1
cg24537917	TRIM75	0.572059	0.153994	0.355505	-2.82881	0.147823	0.347168	-2.88045	0.836269	0.868761	-1.15106	0.854297	0.882275	-1.13343	0.1248	0.32233	-3.10241	0.336324	0.508922	-1.96494	0.306811	0.487734	-2.0503	0.774542	0.778571	-1.2844	0.905454	1.08433	1.08433	0.888064	6.52951	6.53558	1
cg01268859	A4GALT	0.572059	0.617331	1.2895	1.2895	0.0597234	1.94021	1.24501	0.302655	1.62003	1.62003	0.518027	1.32797	1.32797	0.704708	0.570485	-1.75289	0.345525	1.5514	1.5514	0.215271	0.584565	-1.71057	0.180491	1.90187	1.90187	0.715925	1.17964	1.17964	0.888032	2.87387	2.87664	1
cg17838029	EYA4;EYA4;EYA4	0.57206	0.46654	1.25315	2.25315	0.5260553	0.822285	-1.21612	0.243717	1.44987	1.44987	0.585	0.845397	-1.18288	0.0793337	0.55256	-1.80976	0.619103	0.858448	-1.16489	0.785996	0.920456	-1.08642	0.63955	0.866185	-1.15449	0.812361	0.930136	-1.07511	0.88803	1.30454	1.3058	1
cg06000825	SPTA1;SPTA1;SPTA1;SPTA1	0.572064	0.529437	1.1884	1.1884	0.325173	1.20363	1.22961	0.494186	1.17629	1.17629	0.71205	0.907086	-1.07854	0.440197	1.1737	1.1737	0.252012	1.27567	1.27567	0.128027	0.231939	-4.31089	0.0971641	1.08524	1.08524	0.870766	0.967415	-1.03368	0.888025	0.582244	0.58281	1
cg18210860	EDNRB;EDNRB;EDNRB	0.572064	0.844087	0.905003	-1.10497	0.459442	0.68261	-1.46497	0.16578	0.472715	-2.11544	0.142305	0.449511	-2.22464	0.188313	0.423901	-2.35904	0.565436	0.744868	-1.34252	0.369443	0.626715	-1.59562	0.830344	0.896936	-1.11491	0.235774	0.532673	-1.87733	0.888024	3.61422	3.61774	1
cg04366519	PKN1	0.572065	0.441771	1.5351	1.5351	0.159978	1.52687	1.52687	0.424897	1.08972	1.08972	0.644976	1.08972	1.08972	0.644976	1.08972	1.08972	0.928029	1.080329	1.080329	0.706996	0.676604	-1.47834	0.0892612	0.926136	-1.07953	0.880851	0.912297	-1.09533	0.888031	1.17964	1.17992	1
cg20979296	DDX60L	0.572067	0.531891	1.23813	1.23813	0.358362	0.727152	-1.37523	0.832636	1.074	1.074	0.38945	0.74266	-1.34651	0.492966	0.790661	-1.26476	0.0688393	1.50312	1.9876	0.528797	0.806332	-1.24018	0.619494	0.84462	-1.18396	0.262092	0.674029	-1.48361	0.88802	1.60052	1.60209	1
cg01460950	EPHA4	0.572081	0.213194	0.776011	-1.28864	0.476608	0.869355	-1.15028	0.255784	1.25795	1.25795	0.128217	1.37451	1.37451	0.948035	0.987471	-1.01269	0.573348	1.1157	1.1157	0.738056	0.937136	-1.06708	0.925448	1.01827	1.01827	0.92545	0.982058	-1.01827	0.887998	0.526283	0.526811	1
cg04337450	ABCC3;ABCC3	0.572085	0.339285	1.4894	1.4894	0.259734	0.958147	-1.04356	0.122368	1.58248	1.58248	0.879542	1.14096	1.14096	0.942534	1.13696	1.13696	0.715607	1.42799	1.42799	0.271348	0.32656	-3.06271	0.144993	0.945394	-1.05776	0.235964	0.797488	-1.25439	0.888027	1.16642	1.16588	1
cg20923234	HDAC11;HDAC11;HDAC11	0.572087	0.703393	0.894136	-1.1184	0.964955	0.98723	-1.01293	0.676367	0.884444	-1.13065	0.278469	0.719187	-1.39046	0.0861709	0.574305	-1.74123	0.146902	0.634211	-1.57676	0.898501	0.96336	-1.03803	0.498094	1.22286	1.22286	0.950926	0.982158	-1.01817	0.887988	1.20334	1.20457	1
cg14881284	FLVCR1;FLVCR1	0.572105	0.864153	1.05653	1.05653	0.207304	1.44074	1.44074	0.615268	1.18242	1.18242	0.854703	1.07	1.07	0.0907218	0.752364	-1.32929	0.858892	1.084327	-1.19437	0.379904	0.752357	-1.32939	0.846008	1.06228	1.06228	0.569085	0.945965	1.0972	1.0972	0.887957	1.35278	1.3542	1
cg15489346	LOC103026402 NDUFS3;KBTBD4;KBTBD4;NDUFS3;KBT	0.572108	0.202946	1.76726	1.76726	0.549458	1.29549	1.29549	0.115633	2.07733	2.07733	0.280507	1.61527	1.61527	0.853523	0.924039	-1.08221	0.427842	1.41344	1.41344	0.235002	0.70244	-1.42306	0.797624	1.1161	1.1161	0.571997	0.783409	-1.27647	0.887954	2.56958	2.57228	1
cg04360491	BD4	0.572117	0.543303	0.837452	-1.1941	0.250383	0.707291	-1.41385	0.325383	0.746173	-1.34017	0.351328	0.758382	-1.3186	0.547501	0.839034	-1.19185	0.339519	0.75289	-1.32822	0.386557	1.29165	1.29165	0.754806	1.09454	1.09454	0.132774	0.626465	-1.59626	0.88794	1.16911	1.17036	1
cg25731074	CHCHD6	0.572123	0.457601	0.714878	-1.39885	0.449997	0.652545	-1.53246	0.103235	0.453581	-2.20468	0.8975	1.05886	1.05886	0.358944	1.15978	1.15978	0.662679	0.823028	-1.21503	0.63922	0.81098	-1.23308	0.26028	0.593908	-1.68376	0.310039	0.627432	-1.59379	0.887931	2.7689	2.77189	1
cg25095332	ZNF251	0.572129	0.214969	1.68115	1.68115	0.348709	0.944947	-1.05998	0.666047	0.883663	1.18863	0.788695	1.11283	1.11283	0.175165	0.607418	-1.76454	0.87366	0.938634	-1.06538	0.877801	0.940603	-1.06315	0.184747	1.75035	1.75035	0.116658	1.50981	1.50981	0.887921	2.22755	2.22968	1
cg06134683	TMEM51;TMEM51;TMEM51;TMEM51	0.57214	0.364912	0.486064	-2.46094	0.2002251	2.85317	2.85317	0.0954196	4.11553	4.11553	0.819146	0.83791	-1.19316	0.618562	0.67777	-1.47544	0.569374	0.634785	-1.57534	0.887248	0.987691	-1.01246	0.83374	1.17689	1.17689	0.8150313	0.833927	-1.19915	0.887904	8.44383	8.452	1
cg26856501	DDDD1	0.57214	0.17712	1.84809	1.84809	0.7223	0.972189	-1.09626	0.755552	0.109124	1.55915	1.55915	0.113975	1.55975	0.113975	0.154751	1.54751	0.226835	0.6479	1.38654	0.817413	1.06148	1.06148	0.965511	1.0312	1.0312	0.423655	0.810201	1.42426	0.887903	0.932871	0.933907	1
cg02051832	ALG5;ALG5;EXOSC8	0.572141	0.486402	1.26097	1.26097	0.608243	1.18473	1.18473	0.873807	1.0535	1.0535	0.71112	0.885174	-1.12972	0.125348	1.72272	1.72272	0.544793	1.22258	1.22258	0.0818128	1.88194	1.88194	0.458911	1.28052	1.28052	0.297309	1.42536	1.42536	0.887902	1.51175	1.51343	1
cg15480360	C20orf28	0.572142	0.189124	1.60995	1.60995	0.5373	0.827345	1.74745	0.382654	1.44063	1.44063	0.148505	0.516102	-1.93759	0.516102	0.754907	-1.32461	0.965002	1.02109	1.02109	0.793614	0.915792	1.09233	0.597064	0.97104	0.97104	0.882	0.956173	1.02109	0.887904	1.12742	1.12847	1
cg05786601	AR;AR	0.572178	0.186423	0.258598	-3.86551	0.232684	0.298768	3.34708	0.61204	0.610362	-1.63837	0.429722	1.27735	1.27735	0.580203	1.71477	1.71477	0.240433	0.305313	-3.27533	0.729462	0.715241	-1.39813	0.95123	1.06082	1.06082	0.410319	2.25412	2.25412	0.887843	1.13028	1.13182	1
cg03983969	CASK;CASK;CASK	0.572218	0.250526	0.183778	-5.44134	0.833045	0.742436	-1.34692	0.990523	0.983382	-1.0169	0.205646	0.5781	0.5781	0.234284	5.80708	5.80708	0.192932	0.143134	-6.98644	0.940306	0.899727	-1.11145	0.898109	1.19811	1.19811	0.913447	1.16579	1.16579	0.887838	27.9894	28.0225	1
cg05442295	AKAP1	0.572219	0.460604	0.799494	1.25063	0.438973	1.23745	1.23745	0.386266	1.46063	1.46063	0.148505	0.516102	-1.93759	0.516102	0.754907	-1.32461	0.936813	1.02109	1.02109	0.793614	0.915792	1.09233	0.597064	0.97104	0.97104	0.882	0.956173	1.02109	0.887904	1.12742	1.12847	1
cg01460592	EPHA4	0.572081	0.213194	0.776011	-1.28864	0.476608	0.869355	-1.15028	0.255784	1.25795	1.25795	0.128217	1.37451	1.37451	0.948035	0.987471	-1.01269	0.573348	1.1157	1.1157	0.738056	0.937136	-1.06708	0.925448	1.01827	1.01827	0.92545	0.982058	-1.01827	0.887998	0.526283	0.526811	1
cg04337450	ABCC3;ABCC3	0.572085	0.339285	1.4894	1.4894	0.259734	0.958147	-1.04356	0.122368	1.58248	1.58248	0.879542	1.14096	1.14096	0.942534	1.13696	1.13696	0.715607	1.42799	1.42799	0.271348	0.32656	-3.06271	0.144993	0.945394	-1.05776	0.235964	0.797488	-1.25439	0.888027	1.16642	1.16588	1
cg20923234	HDAC11;HDAC11;HDAC11	0.572087	0.703393	0.894136	-1.1184	0.964955	0.98723	-1.01293	0.676367	0.884444	-1.13065	0.278469	0.719187	-1.39046	0.0861709	0.574305	-1.74123	0.146902	0.634211	-1.57676	0.898501	0.96336	-1.03803	0.498094	1.22286	1.22286	0.950926	0.982158	-1.01817	0.887988	1.20334	1.20457	1
cg14881284	FLVCR1;FLVCR1	0.572105	0.864153	1.05653	1.05653	0.207304	1.44074	1.44074	0.615268	1.18242	1.18242	0.854703	1.07	1.07	0.0907218	0.752364	-1.32929	0.858892	1.084327	-1.19437	0.379904	0.752357	-1.32939	0.846008	1.06228	1.06228	0.569085	0.945965	1.0972	1.0972	0.887957	1.35278	1.3542	1
cg15489346	LOC103026402 NDUFS3;KBTBD4;KBTBD4;NDUFS3;KBT	0.572108	0.202946	1.76726	1.76726	0.549458	1.29549	1.29549	0.115633	2.07733	2.07733	0.280507	1.61527	1.61527	0.853523	0.924039	-1.08221	0.427842	1.41344	1.41344	0.235002	0.70244	-1.42306	0.797624	1.1161	1.1161	0.571997	0.783409	-1.27647	0.887954	2.56958	2.57228	1
cg04360491	BD4	0.572117	0.543303	0.837452	-1.1941	0.250383	0.707291	-1.41385	0.325383	0.746173	-1.34017	0.351328	0.758382	-1.3186	0.547501	0.839034	-1.19185	0.339519	0.75289	-1.32822	0.386557	1.29165	1.29165	0.754806	1.09454	1.09454	0.132774	0.626465	-1.59626	0.88794	1.16911	1.17036	1
cg25731074	CHCHD6	0.572123	0.457601	0.714878	-1.39885	0.449997	0.652545	-1.53246	0.103235	0.453581	-2.20468	0.8975	1.05886	1.05886	0.358944	1.15978	1.15978	0.662679	0.823028	-1.21503	0.63922	0.81098	-1.23308	0.26028	0.593908	-1.68376	0.310039	0.627432	-1.59379	0.887931	2.7689	2.77189	1
cg25095332	ZNF251	0.572129	0.214969	1.68115	1.68115	0.348709	0.944947	-1.05998	0.666047	0.883663	1.18863	0.788695	1.11283	1.11283	0.175165	0.607418	-1.76454	0.87366	0.938634	-1.06538	0.877801	0.940603	-1.06315	0.184747	1.75035	1.75035	0.116658	1.50981	1.50981	0.887921	2.22755	2.22968	1
cg06134683	TMEM51;TMEM51;TMEM51;TMEM51	0.57214	0.364912	0.486064	-2.46094	0.2002251	2.85317	2.85317	0.0954196	4.11553	4.11553	0.819146	0.83791	-1.19316	0.618562	0.67777	-1.47544	0.569374	0.634785	-1.57534	0.887248	0.987691	-1.01246	0.83374	1.17689	1.17689	0.8150313	0.833927	-1.19915	0.887904	8.44383	8.452	1
cg26856501	DDDD1	0.572141	0.17712	1.84809	1.84809	0.7223	0.972189	-1.09626	0.755552	0.109124	1.55915	1.55915	0.113975	1.55975	0.113975	0.154751	1.54751	0.226835	0.6479	1.38654	0.817413	1.06148	1.06148	0.965511	1.0312	1.0312	0.423655	0.810201	1.42426	0.887903	0.932871	0.933907	1
cg02051832	ALG5;ALG5;EXOSC8	0.572141	0.486402	1.26097	1.26097	0.608243	1.18473	1.18473	0.873807	1.0535	1.0535	0.71112	0.885174	-1.12972	0.125348	1.72272	1.72272	0.544793	1.22258	1.22258	0.0818128	1.88194	1.88194	0.458911	1.28052	1.28052	0.297309	1.42536	1.42536	0.887902	1.51175	1.51343	1
cg15480360	C20orf28	0.572142	0.189124	1.60995	1.60995	0.5373	0.827345	1.74745	0.382654	1.44063	1.44063	0.148505	0.516102	-1.93759	0.516102	0.754907	-1.32461	0.936813	1.02109	1.02109	0.793614	0.915792	1.09233	0.597064	0.97104	0.97104	0.882	0.956173	1.02109	0.887904	1.12742	1.12847	1
cg05786601	AR;AR	0.572178	0.186423	0.258598	-3.86551	0.232684	0.298768	3.34708	0.61204	0.610362	-1.63837	0.429722	1.27735	1.27735	0.580203	1.71477	1.71477	0.240433	0.305313	-3.27533	0.729462	0.715241	-1.39813	0.95123	1.06082	1.06082	0.410319	2.25412	2.25412	0.887843	1.13028	1.13182	1
cg03983969	CASK;CASK;CASK	0.572218	0.250526	0.183778	-5.44134	0.833045	0.742436	-1.34692	0.990523	0.983382	-1.0169	0.205646	0.5781	0.5781	0.234284	5.80708	5.80708	0.192932	0.143134	-6.98644	0.940306	0.899727	-1.11145	0.898109	1.19811	1.19811	0.913447	1.16579	1.16579	0.887838	27.9894	28.0225	1
cg05442295	AKAP1	0.572219	0.460604	0.799494	1.25063	0.438973	1.23745	1.23745	0.386266	1.46063	1.46063	0.148505	0.516102	-1.93759	0.516102	0.754907	-1.32461	0.936813	1.02109	1.02109	0.793614	0.915792	1.09233	0.597064	0.97104	0.97104	0.882	0.956173	1.02109	0.887904	1.12742	1.12847	1
cg02006288	TRIM2	0.572181	0.475819	1.16188	1.16188	0.338757	2.26335	1.22635	0.632723	1.10476	1.10476	0.134183	1.39686	1.39686	0.677303	0.917045	-1.09046	0.912494	0.977509	-1.02301	0.186799	0.748589	-1.33585	0.444337	1.17509	1.17509	0.656765	1.09697	1.09697	0.887837	0.602097	0.60281	1
cg26135898	CCDC147	0.572185	0.339285	1.4894	1.4894	0.259734	0.958147	-1.04356	0.122368	1.58248	1.58248	0.879542	1.14096	1.14096	0.942534	1.13696	1.13696	0.715607	1.42799	1.42799	0.271348	0.32656	-3.06271	0.144993	0.945394	-1.05776	0.235964	0.797488	-1.25439	0.888027	1.16642	1.16588	1
cg18246134	C3orf79	0.572185	0.575299	0.851499	-1.1744	0.483337	0.816842	-1.22423	0.585149	0.855091	-1.16947	0.669346	1.12976	1.12976	0.433308	1.25492	1.25492	0.263851	1.39204	1.39204	0.146313	1.55714	1.55714	0.798851	1.07522	1.07522	0.321559	0.747639	-1.33754	0.887831	1.13408	1.13544	1
cg26723635	GTF2I	0.572191	0.798414	1.0979	1.0979	0.0748876	1.56036	1.78457	0.144482	1.36963	1.36963	0.768987	1.09518	1.09518	0.671401	1.1016	1.1016	0.858953	1.049796	-1.05204	0.744796	0.975853	1.04753	0.704154	1.14226	1.14226	0.887815	1.19308	1.19308	0.887815	1.19308	1.1979	1
cg24617250	ERCC6L;PIN4	0.572198	0.209657	0.37904	2.68626	0.623418	0.315671	1.61503	0.956207	0.144147	1.44147	0.263744	0.837757	-1.25744	0.837757	0.888993	-1.12487	0.25471	0.144147	-6.92409	0.853289	0.871982	-1.14681	0.766673	1.34633	1.34633	0.70786	1.24124	1.24124	0.887881	1.69977	1.70913	1
cg01404554	RAI1	0.572203	0.231369	0.516001	-1.93798	0.438302	1.5169	1.5169	0.847528	1.10678	1.10678	0.709338	1.21816	1.21816	0.888669	1.07662	1.07662	0.591943	0.751878	-1.33	0.562725	0.734603	-1.36128	0.0694307	0.342865	-2.9166	0.624799	0.77122	-1.29665	0.887802	3.90586	3.91064	1
cg06178650	CASP7;CASP7;CASP7;CASP7 MAP4K5;MAP4K5;MAP4K5;ATL1;MAP4	0.572202	0.830468	1.07664	-1.15252	0.802123	1.18086	1.18086	0.274393	0.970429	-1.03095	0.521618	0.904001	-1.10624	0.0720705	0.753176	-1.32758	0.905373	-1.10208	0.521618	0.284001

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. 047 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1117 vs. N)	Fold-Change(1 vs.1127)	p-value(1127 vs. N)	Fold-Change(1 vs.1217)	p-value(1217 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1471 vs. N)	Fold-Change(1 vs.1471)	p-value(3437 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. N)	Fold-Change(1 vs.5377)	p-value(5377 vs. N)	Fold-Change(1 vs.5637)	p-value(5637 vs. N)	Fold-Change(1 vs.6377)	F(Test)	SS(Test)	SS(Error)	df
ajo52012664	51P61	0.572902	0.340587	0.519365	-1.88088	0.442241	1.65533	0.65533	0.262125	2.12154	2.12154	0.302057	0.501253	-1.09161	0.539466	0.670575	1.49126	0.318589	1.94074	1.94074	0.579637	0.697743	-1.43319	0.497242	1.55805	1.55805	0.493797	1.56361	0.586685	5.81061	5.82505	1
gi30881334	RECK	0.572911	0.394254	0.850043	-1.17641	0.769763	1.05616	1.05616	0.083546	1.04205	1.42495	0.449292	0.866276	-1.15437	0.671996	1.08252	1.08252	0.82835	1.04126	1.04126	0.979176	0.995152	-1.00487	0.261812	0.804236	-1.24342	0.759862	1.05874	1.05874	0.486809	0.488027	1
gi15781542	GLTSCR1	0.572911	0.592483	0.615605	-1.62442	?	?	?	0.704855	1.40735	1.40735	0.823675	0.818407	-1.22189	0.591807	0.615049	-1.62589	0.214734	0.309507	-3.23095	0.0596014	0.148227	-6.74641	0.539011	0.572068	-1.74804	0.561153	0.589996	-1.69493	0.874483	9.92664	11.3514	1
gi14633020	PLCD3	0.572923	0.494586	0.814398	-1.22792	0.862584	0.949977	-1.05266	0.728156	0.801801	1.08515	-1.10889	0.723612	1.08515	-1.11091	0.695955	0.800117	-1.12337	0.694648	1.12397	1.12397	0.100531	1.70386	1.70386	0.365225	0.759128	-1.3173	0.202663	0.671388	-1.48946	0.886652	1.23216	1.23527	1
gi22122715	CLDN10;CLDN10;CLDN10;CLDN10	0.572926	0.758538	1.16482	1.16482	0.133057	2.24049	2.24049	0.949585	1.03217	1.03217	0.758552	0.85851	-1.16481	0.10481	0.41598	-2.40396	0.55962	1.33898	1.33898	0.757443	1.16566	1.16566	0.788658	1.14218	1.14218	0.531827	1.36801	1.86648	3.43805	3.44674	1
gi50976416	RCBTB1	0.572938	0.102518	0.480107	-2.08287	0.350195	1.48426	1.48426	0.824309	0.912729	-1.09562	0.515296	1.3112	1.3112	0.804613	0.902316	-1.10715	0.253041	0.612458	-1.63276	0.451197	1.37062	1.37062	0.824564	1.09547	1.09547	0.837159	1.08819	1.08819	0.886628	2.36839	2.37443	1
gi19245335	PRDM15;PRDM15	0.572954	0.243836	2.61713	2.61713	0.298149	0.427031	-2.34175	0.628536	1.46907	1.46907	0.255665	0.392099	-2.55038	0.335573	2.18902	2.18902	0.268941	0.403168	-2.48036	0.743529	1.29568	1.29568	0.908185	0.912895	-1.0953	0.829254	0.843329	-1.18578	0.886602	8.74094	8.76349	1
gi18832632	ZNF285A	0.572959	0.923608	1.04896	1.04896	0.0392365	2.57177	2.57177	0.422817	1.50519	1.50519	0.389123	0.644151	-1.55243	0.59732	0.760974	-1.3141	0.921364	0.951985	-1.05044	0.586303	0.760448	-1.31502	0.804428	0.624621	-1.60097	0.64651	0.794439	-1.25875	0.886595	3.48714	3.49616	1
gi20003202	RFX5;RFX5	0.572961	0.995567	1.00209	1.00209	0.30238	1.48556	1.48556	0.834692	0.89234	-1.09234	0.38574	0.570013	1.07013	0.524255	0.784444	-1.27479	0.384292	0.714917	-1.39876	0.0745054	0.473556	-2.11168	0.572826	1.23907	1.23907	0.759700	0.815303	1.22654	0.885591	1.98722	1.99237	1
gi29595916	PRDM4	0.572967	0.321138	0.859606	-1.16332	0.486154	0.90083	-1.11009	0.603995	0.925682	-1.08028	0.63663	1.07276	1.07276	0.791685	1.03984	1.03984	0.994395	1.00104	1.00104	0.698521	1.05912	1.05912	0.474679	1.11327	1.11327	0.0703325	1.34791	1.34791	0.886582	0.305847	0.306643	1
gi18180874	MRPS18B;PPP1R10	0.572979	0.790775	1.04662	1.04662	0.0917205	?	?	0.907642	-1.00236	0.618073	0.715598	1.33944	1.33944	0.7	0.890884	1.12292	0.238133	1.82982	1.82982	0.0284283	1.31992	1.31992	0.589363	0.758551	1.41193	0.202467	2.34698	0.858955	4.25303	5.65874	1
gi15757320	NKRF	0.57298	0.202091	1.08635	-1.56626	0.534328	0.456095	-2.19253	0.987774	0.981067	-1.0193	0.199701	0.541986	5.41986	0.378827	3.08417	3.08417	0.205581	1.180038	1.18038	0.528993	0.792231	0.719416	-1.39002	0.802881	1.36615	1.36615	0.89039	1.18768	1.18768	0.886561	2.1849	21.9064	1
gi90271443	RASSF4	0.572989	0.402307	0.815523	-1.22621	0.163048	1.42509	1.42509	0.2598	1.32269	1.32269	0.841698	1.04873	1.04873	0.407241	1.22348	1.22348	0.379904	1.23899	1.23899	0.814105	0.945502	-1.05764	0.321921	1.27564	1.27564	0.225627	1.35357	1.35357	0.886546	0.794767	0.796867	1
gi88204497	C17orf91;WDR81	0.573004	0.952169	1.03578	1.03578	0.308018	1.85387	1.85387	0.0495083	1.79361	3.71901	0.209292	2.17181	2.17181	0.107431	1.07531	1.07531	0.994668	0.996091	1.00392	0.885567	1.08806	1.08806	0.178184	1.70273	1.70273	0.805057	1.15595	1.15595	0.886523	4.82231	4.83518	1
gi20702327	CSNK2A1;CSNK2A1;CSNK2A1	0.573051	0.512346	1.1952	1.1952	0.883007	2.02907	2.02907	0.167761	1.13718	1.13718	0.370706	0.883732	1.13213	0.0761956	0.685556	-1.45867	0.695931	0.927598	-1.07805	0.334883	0.826731	-1.20961	0.894516	0.974675	-1.02598	0.547497	1.12353	1.12353	0.886513	0.554087	0.555465	1
gi40462135	FEM1C	0.573011	0.621012	1.24229	1.24229	0.213749	1.76809	1.76809	0.148832	1.96209	1.96209	0.618279	1.24444	1.24444	0.518013	0.751799	1.33014	0.632774	0.810938	-1.23314	0.690893	0.840303	-1.19005	0.468538	0.725385	-1.37858	0.383448	0.678221	-1.47445	0.886512	2.6607	2.66783	1
gi21645724	KDM4B PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.573028	0.12488	0.725609	-1.37875	0.381828	0.840993	-1.18907	0.350874	0.833208	-1.20018	0.97503	0.993975	-1.00606	0.992114	0.765998	-1.30549	0.100101	0.706196	-1.41604	0.637404	0.912412	-1.096	0.504868	0.877527	-1.13957	0.445896	0.86069	-1.16186	0.886484	0.523371	0.524791	1
gi25678052	PLEC1	0.573062	0.809351	0.819827	-1.21977	0.0877607	0.212485	-4.70622	0.263748	0.383846	-2.60521	0.18646	0.316278	-3.16177	0.250967	0.373112	-2.68016	0.455736	0.535586	-1.86712	0.366273	0.446631	-2.14449	0.328723	0.436687	-2.28997	0.318762	0.428738	-2.33243	0.886429	9.48391	9.51023	1
gi25785281	ZBTB41	0.573066	0.497668	1.19822	1.19822	0.454005	0.891739	-1.12139	0.695504	1.10884	1.10884	0.271773	0.760462	-1.31651	0.575613	0.805045	-1.24176	0.428486	1.23653	1.23653	0.220893	0.731187	-1.40216	0.735207	1.09326	1.09326	0.616019	1.14203	1.14203	0.886424	0.968513	0.971206	1
gi21148836	MEX3B	0.573072	0.177436	0.767649	-1.30268	0.361562	1.58888	1.58888	0.222651	1.26741	1.26741	0.613548	0.910335	-1.0985	0.961062	0.991034	-1.00905	0.521933	0.887156	-1.1272	0.385708	0.848701	-1.17827	0.696257	1.07526	1.07526	0.472148	1.14444	1.14444	0.886474	0.477757	0.47909	1
gi23939527	TNIP2;TNIP2;TNIP2	0.573075	0.569708	1.15466	1.15466	0.319332	1.96263	1.96263	0.607232	1.04485	1.04485	0.276537	0.607722	-1.64485	0.275785	0.53637	-1.86507	0.199155	1.68275	1.68275	0.0137709	0.387051	0.66353	-1.50711	0.930981	1.07077	1.07077	0.884184	1.11752	1.11752	0.682735	0.854138	1.70077	1.70247	1
gi24117657	ZNF280B	0.573076	0.568114	0.694298	-1.4403	0.90698	0.928747	-1.07672	0.563045	0.606908	-1.44737	0.374383	0.561815	-1.77995	0.604227	1.3919	1.3919	0.345674	0.541096	-1.8481	0.0603512	0.261982	-3.81706	0.807883	0.857225	-1.16655	0.220462	0.442797	-2.25837	0.886407	5.61402	5.62973	1
gi20731473	CCDC74B	0.573098	0.904122	0.905125	-1.10482	0.534046	1.68366	1.68366	0.392396	2.06434	2.06434	0.510983	1.73588	1.73588	0.44786	0.527355	-1.89626	0.396848	0.24969	2.04969	0.089836	0.49616	0.49616	0.184915	3.19992	3.19992	0.87981	1.13334	1.13334	0.8864	9.60641	9.63338	1
gi20361427	MIOS	0.573093	0.18034	1.26492	1.26492	0.0403717	1.56403	1.56403	0.231596	0.811442	0.811442	0.123237	0.505515	0.88993	0.112315	0.564504	-1.77108	0.239832	0.10623	0.10623	0.636124	0.39039	1.00039	0.416488	0.865743	-1.15508	0.215703	0.805383	1.24164	1.88383	0.862846	0.464154	0.465121	1
gi24166018	ADAM12;ADAM12	0.573096	0.431826	0.654169	-1.52866	0.973684	1.0176	1.0176	0.719872	0.826542	-1.20986	0.697507	0.813325	-1.22952	0.0268843	0.249904	-4.00153	0.804953	0.877319	-1.13984	0.65673	0.788291	-1.26696	0.734249	0.83506	-1.19752	0.492652	0.691698	-1.44572	0.886376	3.9284	3.93954	1
gi27305255	RERE;RERE	0.573099	0.649884	1.02446	1.02446	-1.08056	0.974883	1.01676	1.01676	0.993451	1.00131	1.00131	0.626128	0.800715	1.12948	0.0729163	-2.48612	0.102515	0.78865	-1.35378	0.624267	0.73242	-1.39412	0.88048	0.78478	-1.27436	0.710991	0.940916	1.12651	1.12651	0.886375	0.480514	0.480459	1
gi19830739	GSF	0.573105	0.836305	0.959207	-1.04272	0.423763	1.17963	1.17963	0.118976	1.408	1.408	0.28541	0.799031	-1.25152	0.721621	1.07471	1.07471	0.307229	1.23829	1.23829	0.237526	1.28445	1.28445	0.913541	0.0222	1.0222	0.62216	1.10758	1.10758	0.886361	0.573995	0.575632	1
gi20400477	LRP2	0.573111	0.596048	1.1809	1.1809	0.77729	1.09214	1.09214	0.930592	0.973288	-1.02745	0.122627	0.594562	-1.68191	0.534851	1.21573	1.21573	0.756221	1.10162	1.10162	0.102673	0.57408	-1.74192	0.85147	1.05999	1.05999	0.990968	0.996488	-1.00352	0.886351	1.35599	1.35987	1
gi20219360	WDR13;WDR13;WDR13	0.573122	0.738154	1.16351	1.16351	0.454005	0.891739	-1.12139	0.695504	1.10884	1.10884	0.271773	0.760462	-1.31651	0.575613	0.805045	-1.24176	0.428486	1.23653	1.23653	0.220893	0.731187	-1.40216	0.735207	1.09326	1.09326	0.616019	1.14203	1.14203	0.886424	0.968513	0.971206	1
gi19552044	POT1;POT1;POT1;POT1	0.573123	0.374351	0.850225	-1.17616	0.13403	1.31109	1.31109	0.18596	1.28101	1.28101	0.990996	1.00201	1.00201	0.158156	1.05649	1.05649	0.490461	0.882816	-1.13274	0.753864	0.945568	-1.05753	0.702403	1.06604	1.06604	0.365748	0.847591	-1.17981	0.886333	0.444473	0.445755	1
gi20562203	ISL6;ISL6	0.573139	0.843527	0.938362	-1.06525	0.0915357	1.34072	1.34072	0.172473	1.88384	1.88384	0.0825057	0.674946	0.882884	0.0825057	0.674946	-1.48152	0.109673	0.68275	1.68275	0.0137709	0.387051	0.66353	-1.50711	0.930981	1.07077	1.07077	0.884184	1.11752	1.11752	0.682735	0.854138	1.70077	1.70247	1
gi26381261	PPP2R2D;PPP2R2D;PPP2R2D	0.573145	0.854196	1.05102	1.05102	0.622891	1.14349	1.14349	0.222811	0.707132	-1.41416	0.52884	0.838575	-1.1925	0.190228	0.687102	-1.45539	0.433322	0.805504	-1.24146	0.205593	1.43509	1.43509	0.663228	1.12584	1.12584	0.796731	0.932556	-1.07232	0.886297	1.02718	1.03019	1
gi26372887	ZMIZ2;ZMIZ2	0.573146	0.513103	0.728664	-1.372	0.886389	1.07054	1.07054	0.892274	1.06674	1.06674	0.847411	1.09621	1.09621	0.24275	0.558274	-1.79124	0.336733	0.623577	-1.60365	0.0511452	0.346788	-2.88361	0.643446	0.801192	-1.24814	0.94473	1.03361	1.03361	0.886296	3.19154	3.20088	1
gi26449321	INPP5A	0.573147	0.340831	1.64802	1.64802	0.0414931	1.96263	1.96263	0.607232	1.04485	1.04485	0.276537	0.607722	-1.64485	0.275785	0.53637	-1.86507	0.199155	1.68275	1.68275	0.0137709	0.387051	0.66353	-1.50711	0.930981	1.07077	1.07077	0.884184	1.11752	1.11752	0.682735	0.854138	1.70077	1.70247	1
gi19060626	C8orf45;C8orf45;C8orf45	0.573148	0.997909	1.00098	1.00098	0.184929	0.591936	-1.68937	0.448896	0.769408	-1.2997	0.587187	1.22683	1.22683	0.719021	1.14423	1.14423	0.218256	1.62088	1.62088	0.410592	1.36863	1.36863	0.556506	0.801074	-1.24832	0.304285	0.67249	-1.48701	0.886293	1.95227	1.95799	1
gi19134876	C15orf41	0.573149	0.812274	0.897394	-1.08056	0.574883	1.04576	1.04576	0.844344	-1.52806	0.844344	-1.52806	0.491434	-2.03486	0.960553	0.970015	-1.03098	0.801956	0.899242	-1.1115	0.585062	0.814644	-1.22851	0.688091	0.830675	-1.20384	0.698202	0.90641	-1.10327	0.886291	1.93977	1.94592	1
gi17864793	ZNF823	0.573161	0.347427	1.50807	1.50807	0.661568	2.10569	2.10569	0.68944	1.18773	1.18773	0.65081	0.82407	-1.23139	0.631906	1.22665	1.22665	0.217019	1.576041	-1.73599	0.208485	1.75519	1.75519	1.59154	1.30005	1.30005	0.179231	1.83283	1.83283	0.886272	2.53118	2.53865	1
gi20675258	NFIX	0.573167	0.357055	0.601182	-1.66339	0.142074	2.33481	2.33481	0.987882	1.00819	1.00819	0.220924	1.99631	1.99631	0.84681	0.901331	-1.10949	0.30152	1.76869	1.76869	0.844972	0.900171	-1.1109	0.670543	0.794627	-1.25845	0.3702002	1.63944	1.63944	0.886263	4.05093	4.06284	1
gi29379219	ALDOA	0.573179	0.70942	1.10855	1.10855	0.152466	1.31324	1.31324	0.0554264	1.52806	1.52806	0.491434	-2.03486	0.960553	0.970015	-1.03098	0.801956	0.899242	-1.1115	0.585062	0.814644	-1.22851	0.688091	0.830675	-1.20384	0.698202	0.90641	1.10327	0.886261	1.93977	1.94592	1
gi20935862	Cbor41	0.573181	0.858291	0.956751	-1.0452	0.158408	1.25709	1.25709	0.145177	1.45177	0.38263	1.24791	1.24791	0.463789	1.20258	1.20258	0.711433	1.09639	1.09639	0.135216	1.48935	1.48935	0.290846	0.764296	-1.31148	0.6507	1.11936	1.11936	0.655824	1.11736	1.11736	0.886237	0.858031	0.861501	1
gi20861604	NECAP2;NECAP2;NECAP2	0.573185	0.301185	1.64802	1.64802	0.0414931	1.96263	1.96263	0.607232	1.04485	1.04485	0.276537	0.607722	-1.64485	0.275785	0.53637	-1.86507	0.199155	1.68275	1.68275	0.0137709	0.387051	0.66353	-1.50711	0.930981	1.07077	1.07077	0.884184	1.11752	1.11752	0.682735	0.854138	1.70077	1.70247	1
gi15932787	C6orf115	0.573187	0.679417	0.912004	-1.09649	0.5805	1.13171	1.13171	0.625204	0.89662	-1.1153	0.637803	0.911628	-1.09694	0.751045	0.93188	-1.0731	0.934224	1.01846	1.01846	0.124519	1.44576	1.44576	0.17016	1.3824	1.3824	0.249517	1.30573	1.30573	0.88263	1.08691	0.69167	1
gi14031178	BAI3	0.573189	0.303778	0.690967	-1.44927	0.247101	1.51202	1.51202	0.105812	1.8374	1.8374	0.404562	1.34153	1.34153	0.643368	1.14806	1.14806	0.915775	0.964227	-1.0371	0.878384	1.05394	1.05394	0.847947	1.06838	1.06838	0.517348	0.797685	-1.25363	0.882237	1.66439	1.66939	1
gi18122289	SLC22A11	0.573192	0.902299	0.960721	-1.04088	0.534925	1.22757	1.22757	0.21839	0.855025	-1.16762	0.617881	1.31011	1.31011	0.296299	0.702337	-1.4242	0.265996	0.616156	1.61616	0.110896	1.73964	1.73964	0.64419	1.16387	1.16387	0.43271	1.29854	1.29854	0.88223	0.844979	0.846379	1
gi06524099	FLJ32065	0.573192	0.395141	1.34468	1.34468	0.34216	0.716897	-1.3949	0.265495	1.48378	1.48378	0.221756	0.64615	-1.54763	0.581415	1.20847	1.20847	0.560817	1.22139	1.22139	0.325502	0.768052	-1.41232	0.648212	0.855382	-1.16907	0.665804	0.862629	-1.15925	0.886221	1.62309	1.62797	1
gi26450254	PWWP2B;PWWP2B	0.573198	0.232884	1.54818	1.54818	0.0495083	1.36506	1.36506	0.224562	1.1586	1.1586	0.82914	1.07844	1.07844	0.145741	1.24001	1.24001	0.155155	1.51701	1.51701	0.88655	1.01555	1.01555	0.964501	0.0222	1.0222	0.616019	1.14203	1.14203	0.886212	1.71364	1.71881	1
gi27822665	PGAM5;PGAM5;PGAM5	0.573202	0.389884	0.666103	-1.50127	0.954498	0.974024	-1.02667	0.420472	1.46174	1.46174	0.863922	1.08233	1.08233	0.0951395	0.429209	-2.32987	0.415547	0.68124	-1.46791	0.591456	0.778872	-1.28391	0.298674	0.64356	1.64356	0.874496	0.929686	-1.07563	0.886207	2.98604	2.99508	1
gi14292380	C15orf58	0.573211	2	?	?	0.35698	2.7018	2.7018	?	?	?	0.18133	4.50968	4.50968	?	?	?	0.260581	3.4466	3.4466	0.649999	?	1.60895	1.60895	?	?	0.431307	2.31713	2.31713	0.827415	1.47617	10.8462	1
gi18679202	ARID3C	0.573215	0.547367	0.823372	-1.21599	0.748409	1.57173	1.57173	0.231364	1.4966	1.4966	0.658097	1.01702	1.01702	0.357131	0.737737	-1.3555	0.84301	1.0697	1.0697	0.0439903	0.939903	-1.06394	0.44986	0.780903	-1.28057	0.278578	0.606392	-1.64937	0.886185	1.44775	1.45217	1
gi14284404	GDAP2;GDAP2;WDR3;WDR3	0.573217	0.846911	0.937551	-1.06661	0.25104	1.49199	1.49199	0.467205	1.27994	1.27994	0.69359	0.876247	-1.14121	0.218082	0.649054	-1.5407	0.841421	1.06912	1.06912	0.238151	1.51018	1.51018	0.270885	0.682197	-1.46585	0.898071	1.04368	1.04368	0.886183	1.56218	1.56695	1
gi24696183	KCND1DN	0.573221	0.509885	1.08052	1.08052	0.0915357	1.34072	1.34072	0.172473	1.88384	1.88384	0.0825057	0.674946	0.882884	0.0825057	0.674946	-1.48152	0.109673	0.68275	1.68275	0.0137709	0.387051	0.66353	-1.50711	0.930981	1.07077	1.07077	0.884184	1.11752	1.11752	0.682735	0.854138	1.70077	1.70247	1
gi27403117	MTSS1L	0.573224	0.682368	1.46503	1.46503	0.530775	1.80273	1.80273	0.915618	0.906318	-1.10337	0.899777	1.12405	1.12405	0.528066	0.552504	-1.80994	0.593863	0.606817	-1.64794	0.0491524	0.124407	-8.03812	0.486337	1.92798	1.92798	0.873896	1.15883	1.15883	0.886171	12.0891	12.1261	1
gi14070642	RSPO2	0.573225	0.821571	1.03919	1.03919	0.200709	1.23859	1.23859	0.134456	1.31394	1.31394	0.606693	0.915421	-1.09239	0.717894	0.840126	-1.19049	0.760882	-1.03207	0.303127	0.795625	-1.35858	0.288612	0.736725	-1.03356	0.848495	0.96382	1.03856	1.03856	0.886112	0.404444	0.407714	1
gi13341907	POLR2A	0.573261	0.476724	0.82308	-1.21495	0.631468	0.878053	-1.13888	0.951716	1.01643	1.01643	0.884953	1.11436	1.11436	0.460864	0.593426	-1.68513	0.187566	0.686722	-1.45619	0.636418	1.13671	1.13671	0.94606	1.01837	1.01837	0.326236	0.761281	-1.31358	0.886111	1.01624	1.01942	1
gi16109819	SNW1;C14orf178	0.573264	?	?	?	0.281786	1.22915	1.22915	0.101108	1.40172	1.40172	0.989898	0.9977	-1.00231	?	?	?	?	?	?	0.645263	1.08821	1.08821	0.753628	1.05902	1.05902	0.414649	1.16519	1.16519	0.854479	0.284321	0.332742	1
gi25311666	MYH14;MYH14;MYH14	0.573268	0.779096	0.919961	-1.087	0.328341	1.34386	1.34386	0.154512	1.83679	1.83679	0.104397	0.556797	1.19086	0.244785	0.699341	-1.42992	0.710251	0.896115	-1.11593	0.0830444	0.553439	-1.81344	0.610907	1.16278	1.16278	0.62757	1.86515	1.86515	0.88161	1.21238	1.21619	1
gi17683593	SYT7	0.573273	0.823878	1.15278	1.15278	0.390479	0.570505	-1.75283	0.122421	0.343806	-2.90862	0.369206	1.80077	1.80077	0.924854	1.06202	1.06202	0.202341	2.35969	2.35969	0.153737	0.671431	-1.48936	0.919136	1.06691	1.06691	0.780004	0.837076	-1.19464	0.886093	5.70902	5.72704	1
gi17684531	KIAA1688	0.573281	0.66136	1.1146	1.1146	0.264651	0.804064	1.12351	0.616897	1.01653	1.01653	0.348806	-2.90862	0.369206	1.80077	1.80077	0.924854	1.06202	1.06202	0.282704	0.98181	1.00621	0.801477	1.07476	0.623233	0.845745	1.07476	0.884202	-1.12057	0.827675	0.748605	0.749327	0.749622	1
gi17843125	SASS6;CCDC76	0.573284	0.23351	1.771004	-1.29701	0.719077	0.927555	-1.0781	0.976128	0.993789	-1.00625	0.628526	0.90348	-1.10683	0.111237	0.696825	0.14508	0.11944	1.703422	-1.42162	0.243572	0.775665	-1.28922	0.869887	0.03472	1.03472	0.670261	0.914686	-1.09327	0.886076	0.683035	0.610257	1
gi20820759	SLC15B4	0.573294	0.989668	0.996535	-1.00348	0.892234	1.037	1.037	0.767272	1.0828	1.0828	0.70853	1.1059	1.1059	0.760905	1.08525	1.08525	0.201048	1.43615	1.43615	0.315923	0.757339	-1.32041	0.518785	1.19165	1.19165	0.0731526	1.70861	1.70861	0.88606	1.00834	1.01156	1
gi23154620	VPS13B;VPS13B;VPS13B;VPS13B	0.573298	0.941883	0.97543	1.02458	0.601109	1.08272	1.08272	0.42784	1.18087	1.18087	0.618653	1.09736	1.09736	0.999392	0.79401	-1.25931	0.747621	1.11863	1.11863	0.345152	0.76688	-1.30411	0.745823	1.14561	1.14561	0.354952	0.876616	1.14561	1.14561	0.886056	0.183529	0.319548	1
gi20155404	WDR45L	0.573301	0.34512	0.406041	-2.46281	0.700918	1.43006	1.43006	0.711769	1.41057	1.41057	0.469643	1.97752	1.97752	0.780295	1.29588	1.29588	0.9858	1.01663	1.01663	0.135177	0.224759	-4.44921	0.817375	1.23912	1.23912	0.14159	0.231067	-4.32774	0.886048	12.0565	12.0951	1
gi26185924	ACBD5;ACBD5;ACBD5;ACBD5	0.573303	0.829615	0.927164	-1.07858	0.227788	1.42115	-1.55954	0.330824	0.70313	-1.42221	0.347565	0.712132	-1.40516	0.212806	0.634581	-1.57584	0.24048	0.622339	-1.6068	0.0929238	0.159962	-6.25107	0.0225

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1-vs. N)	p-value(1047 N)	Fold-Change(1-vs. 047 vs. N)	p-value(105T N)	Fold-Change(1-vs. 057 vs. N)	p-value(111T N)	Fold-Change(1-vs. 117 vs. N)	p-value(112T N)	Fold-Change(1-vs. 127 vs. N)	p-value(121T N)	Fold-Change(1-vs. 217 vs. N)	p-value(121T N)	Fold-Change(1-vs. 21T vs. N)	p-value(134?T N)	Fold-Change(1-vs. N)	p-value(347T N)	Fold-Change(1-vs. 47T vs. N)	p-value(353T N)	Fold-Change(1-vs. 53T vs. N)	p-value(537T N)	Fold-Change(1-vs. 537T vs. N)	p-value(5637 N)	Fold-Change(5-vs. 637T vs. N)	F(Error)	SS(Test)	SS(Error)
cg11398097		0.573821		0.250805	1.40868	1.40868	0.17898	1.503332	1.503332	0.0942568	1.69099	1.690099	0.540956	1.19332	1.19332	0.25085	1.10789	1.10789	0.726673	0.904645	-1.10541	0.6789228	0.887932	-1.12621	0.858771	0.950411	-1.05218	0.8237737	0.938282	-1.06578	0.885218	1.143222	1.14796	1	
cg03768171	TAPBP;TAPBP;TAPBP	0.57383		0.239667	0.318828	-3.13648	0.425588	2.128443	2.128443	0.43997	2.07757	2.07757	0.71414	1.40714	1.40714	0.225286	0.306553	-3.26208	0.364557	0.421044	-2.37505	0.461397	0.4985	-2.00602	0.545411	1.76498	1.76498	0.410581	0.45784	-2.18417	0.8852033	12.0842	12.1345	1	
cg01102404	C1orf203;ATP1A1;ATP1A1;ATP1A1	0.573831		0.459243	0.752129	-1.32956	0.579779	0.80944	-1.22542	0.493179	1.3009	1.3009	0.728206	1.04096	1.04096	0.044984	0.410056	-2.38609	0.68798	0.858473	-1.16486	0.839471	1.07968	1.07968	0.510561	0.777031	-1.28695	0.8683129	0.939133	-1.06483	0.8852013	2.003316	2.051149	1	
cg01646109	MGC45800	0.573868		0.272006	0.718125	-1.39252	0.467518	1.23872	1.23872	0.955775	0.984069	-1.01619	0.982318	0.9936031	-1.00644	0.51265	0.825073	-1.21201	0.100916	0.594367	-1.68246	0.5077524	0.823175	-1.21481	0.315477	1.35061	1.35061	0.902586	1.03609	1.037547	0.884857	1.17557	1.18054	1	
cg00925467	TEC78	0.573888		0.516474	0.642513	-1.55639	0.157823	0.362204	-2.76088	0.150486	0.354742	-2.81896	0.928804	0.9416274	-1.06196	0.534157	0.6549932	-1.52688	0.380199	0.545895	-1.83185	0.239924	0.43715	-2.28754	0.225512	0.424728	-2.35362	0.607715	1.417229	1.417229	0.885124	0.83932	6.36628	1	
cg14750215	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4	0.573888		0.985092	0.99448	-1.00555	0.520179	0.824368	-1.21305	0.139118	0.62396	-1.60267	0.266095	0.709401	-1.40964	0.577997	0.846617	-1.18117	0.6024	0.855793	-1.16851	0.325663	1.35079	1.35079	0.178088	0.654443	-1.52802	0.468243	0.803592	-1.24441	0.8851112	1.23059	1.23584	1	
cg10088041	LOC145663;GATM;GATM	0.57389		0.812933	1.20187	1.20187	0.2040397	1.47052	1.47052	0.118992	0.2691524	-3.71538	0.976262	1.023195	1.023195	0.807458	1.20851	1.20851	0.732732	1.10458	1.10458	0.902404	0.9168854	-1.09068	0.674994	1.38829	1.38829	0.629125	1.4586	1.4586	0.885108	8.43394	8.46996	1	
cg10070788	BIRC5;IPR1;BIRC5;BIRC5	0.573892		0.491261	0.583644	-1.71337	0.253359	0.398958	-2.50628	0.462013	1.78016	1.78016	0.62826	1.460296	1.460296	0.497244	0.550592	-1.81623	0.497776	0.588517	-1.69919	0.181305	0.335202	-2.98327	0.676599	1.37843	1.37843	0.885105	0.83582	8.35337	1	
cg22068529	FAM83A	0.573906		0.843528	1.03374	1.03374	0.527958	0.898186	-1.11335	0.973415	0.99442	-1.00561	0.159198	1.28743	1.28743	0.184292	0.789393	-1.2668	0.703719	0.937852	-1.06627	0.202483	0.7977752	-1.25352	0.648896	1.08001	1.08001	0.93059	1.01474	1.01474	0.885083	0.395287	0.396987	1	
cg02186514	FAM83A;FAM83A;FAM83A;FAM83A	0.573925		0.533246	1.0042	1.0042	0.7481	1.53681	1.53681	0.224606	0.527105	1.42666	1.424806	0.512339	1.953183	0.4944202	0.680552	1.46944	0.760044	1.18515	1.18515	0.383163	1.64198	1.64198	0.97408	0.982146	-1.01818	0.3884489	0.612568	-1.63247	0.8850353	4.31023	4.32891	1	
cg19163396	GOLGA3	0.573927		0.919011	0.895255	-1.117	0.875901	0.84365	-1.18533	0.584068	0.552496	-1.80897	0.463587	2.25154	2.25154	0.709731	1.50194	1.50194	0.9397	0.920991	-1.08579	0.263183	2.24396	2.24396	0.0793486	0.120176	-8.32115	0.850349	0.56896	16.6616	1	
cg17228286	KIAA1949;KIAA1949;KIAA1949	0.573928		0.304368	0.479807	-2.11145	0.882794	0.609578	-1.6858	0.0935155	2.799609	2.79909	0.463846	1.53742	1.53742	0.64681	1.29361	1.29361	0.497981	0.6812	-1.468	0.532713	1.42277	1.42277	0.829236	1.12809	1.12809	0.89161	1.07905	1.07905	0.8850448	4.56458	4.58352	1	
cg27663071	SYT1;SYT1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.573943		0.544037	0.627019	-1.59485	0.100084	0.93369	-1.93369	0.140104	1.34207	1.34207	0.663167	1.716689	-1.1953	0.73774	0.774573	-1.29103	0.742849	0.778609	-1.28434	0.872464	1.12988	1.12988	0.788636	1.22659	1.22659	0.636731	0.606559	-1.43563	0.885023	8.09845	8.13382	1	
cg17650397	PRKAR1B;PRKAR1B	0.573943		0.167289	0.29069	-3.44009	0.160525	0.284177	-3.51894	0.233779	0.350759	-2.85096	0.789093	0.79851	-1.25233	0.2151	0.334484	-2.98968	0.365947	0.458599	-2.18055	0.200482	0.321457	-3.11084	0.329761	0.42994	-2.3259	0.874291	0.875569	-1.14221	0.885023	9.87313	9.91626	1	
cg19493134	HLA-B	0.57396		0.105325	0.211144	-4.7361	0.830658	1.2071	1.2071	0.433897	0.4957	-2.01735	0.732391	0.730877	-1.36822	0.518975	0.562927	-1.77643	0.644758	0.66496	-1.50385	0.6033841	0.631242	-1.58418	0.154268	3.82016	3.82016	0.756996	0.761256	-1.31362	0.8849996	10.8265	10.8741	1	
cg19732154	GPSM3;NOTCH4	0.573961		0.395402	1.97195	1.91356	0.29039	2.270465	2.27041	0.722779	1.3019	1.3019	0.796674	1.221581	1.221581	0.691127	1.34229	1.34229	?	?	?	0.998842	1.00108	1.00108	0.324705	0.467939	-2.13703	0.14812	0.311807	-3.20712	0.8794561	6.69186	6.65795	1	
cg14081859	ZNF451;ZNF451	0.573967		0.893709	0.966809	-1.03443	0.529007	0.851262	-1.17473	0.974282	1.008717	1.008717	0.630024	1.130938	1.130938	0.594769	1.00166	1.00166	0.111617	0.645633	-1.54887	0.596825	1.1443	1.1443	0.414523	1.12443	1.12443	0.17059	1.44551	1.44551	0.8849866	0.8936802	0.8975543	1	
cg01503061	KIAA1239	0.573967		0.741301	1.17745	1.17745	0.325475	1.64974	1.64974	0.294855	0.585273	-1.70861	0.786544	1.34321	1.34321	0.974045	0.984086	-1.01617	0.415868	0.663628	-1.50687	0.518653	0.7242431	-1.38075	0.480165	0.701953	-1.4246	0.0934677	0.402653	-2.48353	0.884985	3.40767	3.4227	1	
cg17591270	CDCH;CDCH	0.573983		0.915134	-1.09705	0.75833	1.04822	1.2422	1.2422	0.376526	0.976519	-1.02405	0.303248	1.17714	1.17714	0.87645	0.976486	-1.02408	0.987327	1.00243	1.00243	0.8817884	0.744551	-1.34309	0.219608	0.82084	-1.21826	0.819132	1.03565	1.03565	0.8849	0.327946	0.329302	1	
cg08671133	ZNF530;ZNF530	0.573986		0.815443	1.06977	1.06977	0.23314	1.43422	1.43422	0.854633	0.948472	-1.05433	0.960965	1.014422	1.014422	0.972827	1.07886	1.07886	0.0730282	0.561717	-1.78026	0.375736	0.7649337	-1.29982	0.997804	0.999206	-1.00079	0.536014	0.834627	-1.19834	0.8849955	1.16621	1.1714	1	
cg26079699	CC12	0.573995		0.079017	1.94703	1.94703	0.834605	0.97423	-1.02643	0.124428	1.0943	0.624308	0.844394	-1.1843	0.369167	1.37146	0.422952	0.705551	-1.32354	0.448	0.559293	2.19844	1.29944	0.500339	0.791133	-1.26401	0.514596	1.25399	0.779302	1.10547	1.10547	0.88464	1.6499	1.65233	1	
cg09425168	C13orf35	0.573998		0.547732	1.13363	1.13363	0.466033	0.858177	-1.16526	0.27795	0.792462	-1.26189	0.502715	1.15055	1.15055	0.391786	1.19829	1.19829	0.448355	1.17269	1.17269	0.113043	1.42703	1.42703	0.755219	0.937555	-1.0666	0.866308	1.03535	1.03535	0.884935	0.595768	0.59843	1	
cg21031692	CX3CR1;CX3CR1;CX3CR1;CX3CR1 TMD22;TMD22;ADAM9;ADAM9;ADAM	0.574		0.931591	1.08768	1.08768	0.225231	0.287404	-3.47943	0.64436	1.57623	1.57623	0.8661	0.869091	-1.15063	0.922992	0.90969	-1.09928	0.836982	1.22346	1.22346	0.86243	2.95552	2.95552	0.466837	2.06439	2.06439	0.108448	1.180114	-5.55204	0.884932	13.431	13.4911	1
cg03913924	9;TMD2;TMD22;ADAM9	0.574007		0.0691786	4.34732	4.34732	0.943925	1.05216	1.05216	0.633754	1.41471	1.41471	?	?	?	0.586296	0.672217	-1.48761	0.970534	1.02706	1.02706	?	?	?	0.859386	0.879707	-1.13674	0.364496	1.96111	1.96111	0.857245	5.51644	7.35438	1	
cg10447986	SP1;SP1;SP1;SP1	0.574007		?	?	?	?	1.82857	1.82857	0.668474	1.43339	1.43339	?	?	?	?	?	?	?	?	?	0.224302	0.321691	-3.10858	0.5318855	?	?	?	0.760903	4.2781	11.1134	1	
cg02547794	REL	0.574009		0.0897621	6.688	6.688	0.268303	0.745928	-1.34061	0.859169	0.955851	-1.04659	0.497788	1.19023	1.19023	0.459936	0.825909	-1.21079	0.451945	1.25109	1.25109	0.2115	0.873888	0.960423	-1.04121	0.747864	0.921277	-1.08545	0.718214	0.911992	-1.0965	0.884918	0.905805	0.909869	1	
cg12535913	USP14;USP14	0.57401		0.500909	1.25008	1.25008	0.88073	0.952138	-1.05028	0.357409	1.36239	1.36239	0.497218	1.25256	1.25256	0.185291	0.631941	-1.58243	0.483671	0.792584	-1.2617	0.283288	0.694729	-1.43941	0.36398	1.35636	1.35636	0.583111	0.834434	-1.19842	0.884917	1.49611	1.50283	1	
cg08684409	APX2	0.574011		0.0816222	1.57692	1.57692	0.34144	0.960371	-1.04128	0.774	0.974286	1.012393	-1.36438	0.8699354	1.445571	0.1037	0.310881	1.22588	1.22588	0.1030101	-1.25265	0.2424568	1.28741	1.09471	0.569367	1.7339	1.7339	0.0948045	1.00608	1.00608	0.8849414	12.838	12.8956	1	
cg23456306	EFNA2	0.574015		0.0994894	0.793093	-1.26089	0.874705	0.980547	-1.01984	0.853029	0.973581	-1.02734	0.504128	1.09093	1.09093	0.308338	1.14495	1.14495	0.61847	0.937573	-1.06658	0.192546	0.837716	-1.19372	0.887591	0.982005	-1.01832	0.782421	0.965081	-1.03618	0.884909	0.231017	0.232056	1	
cg20369204	TMEM54A	0.574015		0.685752	1.46008	1.46008	0.0972473	0.786695	-1.27114	0.536083	0.874368	-1.14345	0.413178	1.240758	1.240758	0.0883582	0.804598	-1.24298	0.7098	0.866108	1.15796	0.4970985	0.7907809	1.2008	0.7079	0.707496	1.41274	1.30695	0.884909	0.600913	0.602832	1.30695	0.602832	1	
cg13111532	KIAA1751	0.574016		0.24252	1.94889	1.94889	0.867076	0.912664	-1.09569	0.228475	0.501803	-1.99281	0.353186	0.593832	-1.68398	0.238811	0.510156	0.96018	0.470773	0.670149	-1.49221	0.777151	1.16743	1.16743	0.448873	0.52352	1.52352	0.552713	0.720611	-1.38771	0.884907	0.471411	0.48988	1	
cg27035678	MED15;MED15;MED15;MED15	0.574025		0.646355	0.845378	-1.1829	0.611009	0.829858	-1.20503	0.561638	1.23784	1.23784	0.727259	0.880463	-1.13577	0.112961	0.534062	-1.87244	0.761373	1.1171	1.1171	0.467593	1.30831	1.30831	0.250354	1.54764	1.54764	0.396112	1.37157	1.37157	0.884897	1.85263	1.861	1	
cg09469021	PKDSC	0.574038		0.0906168	1.10719	1.10719	0.731248	0.96455	-1.03672	0.628808	1.08456	1.08456	1.48525	1.485257	1.485257	1.273443	0.7639	0.7639	0.424709	0.956474	-1.4936	0.478316	1.377	1.377	0.903835	1.47727	1.47727	0.772255	0.879159	-2.14134	0.884872	2.76014	2.77267	1	
cg14088119	LOC285629	0.574044		0.140785	1.49111	1.49111	0.970789	0.990808	-1.00928	0.630412	1.13004	1.13004	0.396115	0.803204	-1.24501	0.278112	1.32898	1.32898	0.83147	1.05521	1.05521	0.109986	1.55167	1.55167	0.852752	1.04797	1.04797	0.779977	1.07389	1.07389	0.884862	0.891231	0.895287	1	
cg05377754	LDLC2	0.574045		0.864241	1.0676	1.0676	0.497357	0.955465	-1.16351	0.803705	0.954635	-1.04655	0.648277	1.08552	1.08552	0.160386	0.764853	-1.30731	0.262609	1.23226	1.23226	0.183784	0.779711	-1.28253	0.618769	0.905378	-1.10451	0.688456	0.647452	0.644491	0.644491	0.884911	1	
cg24889744	SPEF1	0.57406		0.685058	0.929795	-1.07551	0.556865	1.11191	1.11191	0.210937	1.29556	1.29556	0.752157	0.938108	-1.06598	0.458516	0.87393	-1.14426	0.480297	0.897775	-1.11365	0.576959	1.10584	1.10584	0.81936	1.02423	1.02423	0.0998751	1.37975	1.37975	0.8848838	0.446626	0.448671	1	
cg12941374	SKA2;PPR11;SKA2	0.574065		0.896583	1.02665	1.02665	0.0638275	1.52392	1.52392	0.242113	1.2809	1.2809	0.664826	1.09215	1.09215	0.69804	0.924191	-1.08203	0.647688	1.0975	1.0975	0.662012	1.09302	1.09302	0.201951	1.31318	1.31318	0.407203	1.18702	1.18702	0.884828	0.573032	0.575662	1	
cg00529585	ADRB1;ADRB1	0.574067		0.85421	1.07963	1.07963	0.497357	0.955465	-1.16351	0.803705	0.954635	-1.04655	0.648277	1.08552	1.08552	0.160386	0.764853	-1.30731	0.262609	1.23226	1.23226	0.183784	0.779711	-1.28253	0.618769	0.905378	-1.10451	0.688456	0.647452	0.644491	0.644491	0.884911	1	
cg24889744	SPEF1	0.57406		0.685058	0.929795	-1.07551	0.556865	1.11191	1.11191	0.210937	1.29556	1.29556	0.752157	0.938108	-1.06598	0.458516	0.87393	-1.14426	0.480297	0.897775	-1.11365	0.576959	1.10584	1.10584	0.81936	1.02423	1.02423	0.0998751	1.37975	1.37975	0.8848838	0.446626	0.448671	1	
cg12941374	SKA2;PPR11;SKA2	0.574065		0.896583	1.02665	1.02665	0.0638275	1.52392	1.52392	0.242113	1.2809	1.2809	0.664826	1.09215	1.09215	0.803204	-1.24501	0.278112	1.32898	1.32898	0.83147	1.05521	1.05521	0.109986	1.55167	1.55167	0.852752	1.04797	1.04797	0.779977	1.07389	1.07389	0.884862	0.891231	0.895287	1	
cg05329585	ADRB1;ADRB1	0.574067		0.85421	1.07963	1.07963	0.497357	0.955465	-1.16351	0.803705	0.954635	-1.04655	0.648277	1.08552	1.08552	0.160386	0.764853	-1.30731	0.262609	1.23226	1.23226	0.183784	0.779711	-1.28253	0.618769	0.905378	-1.10451	0.688456	0.647452	0.644491	0.644491	0.884911	1	
cg24889744	SPEF1	0.57406		0.685058	0.929795	-1.07551	0.556865	1.11191	1.11191	0.210937	1.29556	1.29556	0.752157	0.938108	-1.06598	0.458516	0.87393	-1.14426	0.480297	0.897775	-1.11365	0.576959	1.10584	1.10584	0.81936	1.02423	1.02423	0.0998751	1.37975	1.37975	0.8848838	0.446626	0.448671	1	
cg12941374	SKA2;PPR11;SKA2	0.574065		0.896583	1.02665	1.02665	0.0638275	1.52392	1.52392	0.242113	1.2809	1.2809	0.664826	1.09215	1.09215	0.803204	-1.24501	0.278112	1.32898	1.32898	0.83147	1.05521	1.05521	0.109986	1.55167	1.55167	0.852752	1.04797	1.04797	0.779977	1.07389	1.07389	0.884862	0.891231	0.895287	1	
cg05377754	LDLC2	0.574077		0.864241	1.0676	1.0676	0.497357	0.955465	-1.16351	0.803705	0.954635	-1.04655	0.648277	1.08552	1.08552	0.160386	0.764853	-1.30731	0.262609	1.23226	1.23226	0.183784	0.779711	-1.28253	0.618769	0.905378	-1.10451	0.688456	0.647452	0.644491	0.644491	0.884911	1	
cg24889744	SPEF1	0.57406		0.685058	0.929795	-1.07551	0.556865	1.11191	1.11191	0.210937	1.29556	1.29556	0.752157	0.938108	-1.06598	0.458516	0.87393	-1.14426	0.480297	0.897775	-1.11365	0.576959	1.10584	1.10584	0.81936	1.02423	1.02423	0.0998751	1.37975	1.37975	0.8848838	0.446626	0.448671	1	
cg28593364	SLC5P2	0.574068		0.303603	1.78886	-3.29027	0.531961	0.976257	-1.02443	0.874782	0.885322	-1.12953	0.236524	2.608361	2.608361	0.527206	1.64929	1.64929	0.268563	0.61058	-1.63802	0.4126	0.7375657	-1.35558	0.981427	1.01814	1.01814	0.471064	1.7617	1.7617	0.884877	8.35912	8.39883	1	
cg10288090	UTS2D	0.574103		0.557187	1.74719	-1.27489	0.589749	1.24942	1.24942	0.822654	0.915369	-1.09446	0.355849	0.678071	-1.47477	0.347503	0.529542	-1.88843	0.68253	0.86162	-1.1832	0.210476	1.37565	1.37565	0.279553	0.633137	-1.58386	0.657136	0.832982	-1.20051	0.884759	2.34484	2.35078	1	
cg20306234	FLI;SMCR7;SMCR7	0.574119		0.31836	0.888685	-1.12526	0.561818	1.06942	1.06942	0.849205	1.24358	1.24358	0.873982	1.24358	1.24358	0.300557	1.1306	1.1306	0.674168	1.04958	1.04958	0.137247	1.11472	1.11472	0.713194	0.958635	-1.04315	0.583827	1.06535	1.06535	0.884743	0.183472	0.184331	1	
cg14925296	DLL3;DLL3	0.574123		0.83078	1.20909	1.20909	0.131248	0.96485	-1.03618	0.76485	1.03608	1.03608	2.4365	1.3655	1.3655	0.408094	1.40512	1.40512	0.279812	0.97693	-1.02374	0.841089	1.0009	1.0009	0.992	1.13892	1.13892	0.42406	1.5536	1.5536	0.884756	1.97673	1.97673	0.927442	1.05133	1.05133	0.884718	4.3303	4.32025	1
cg00214611	TMS84Y;TMS84Y	0.574136		0.400041	0.217589	-4.59583	0.720831	1.87927	1.87927	0.631093	2.34357	2.34357	?	?	?	1.213201	10.4334	10.4334	0.375966	0.199873	-5.00317	?	?	?	0.355263	0.185154	-5.40091	0.618661	0.24935	0.241935	0.872982	31.5641	30.9914	1	
cg08924917	PLCL2;PLCL2	0.574143		0.702628	1.32452	1.32452	0.079304	0.41733	-2.39653	0.0800419	1.49468	1.49468	0.639332	1.413137	1.413137	0.331809	2.08528	2.08528	0.577479	1.51034	1.51034	0.831515	1.16895	1.16895	0.831801	1.16861	1.16861	0.871981	1.12543	1.12543	0.884871	0.752728	0.75782	1	
cg03394764	PSMB3;PSMB3	0.574141		0.375906	2.01025	2.01025	0.202888	0.754058	-1.32616	0.857268	1.03853	1.03853	0.645273	1.07073	1.07073	0.566229	1.12949	1.12949	0.401778	1.19747	1.19747	0.268991	0.758425	-1.27348	0.914655	1.02277	1.02277	0.212156	1.31782	1.31782	0.884708	0.617807	0.620817	1	
cg18377014	C7orf50;C7orf50;C7orf50	0.574145		0.631342	1.20641	1.20641	0.45112	0.742297	-1.34717	0.303404	0.661168	-1.51247	0.615273	1.21735	1.21735	0.831129	0.920453	-1.08642	0.200512	1.69014	1.69014	0.174233	1.75244	1.75244	0.333897	1.47232	1.47232	0.872295	1.06443	1.06443	0.884702	2.11087	2.12086	1	
cg20491097	KBTBD11	0.574167		0.486671	2.05477	2.05477	0.399073	1.02056	-1.02439	0.419344	1.91964	1.91964	0.357041	1.497306	1.497306	0.214414	0.5512272	0.67356	0.843944	0.855759	-1.1685	0.858158	0.866193	1.15448	0.934136	1.76075	1.76075	0.544359	0.61573	-1.62409	0.884608	3.67528	3.69374	1	
cg01528801	GNG12	0.574155		0.688587	1.26428	1.26428	0.0581726	0.287574	-3.47737	0.206948	0.460828	-2.17	0.846657	0.89342	-1.11929	0.895803	0.664583	-1.5047	0.64069	1.31471	1.31471	0.700784	0.798716	-1.25201	0.464311	0.648214	-1.5427	0.684184	0.788165	-1.26877	0.884686	4.74749	4.77005	1	
cg16395953	HTT1	0.574163		0.0691	4.8648	4.8648	0.268303	0.745928	-1.34061	0.859169	0.955851	-1.04659	0.497788	1.19023	1.19023	0.459936	0.825909	-1.21079	0.451945	1.25109	1.25109	0.2115	0.873888	0.960423	-1.04121	0.747864	0.921277	-1.08545	0.718214	0.911992	-1.0965	0.884918	0.905805	0.909869	1	
cg11254571	DLGAP2	0.574168		0.315267	0.781861	-1.279	0.862064	1.04207	1.04207	0.448505	1.20087	1.20087	0.552066	0.867128	-1.15323	0.373901	1.24148	1.24148	0.910584	0.973729	-1.02698	0.147446	1.44536	1.44536	0.49433	1.17877	1.17877	0.327517	1.787	-1.27065	0.884664	0.786867	0.790624	1	
cg26547816	ARHGAP26;ARHGAP26	0.574183		0.318559	0.734139	-1.36066	0.998702	1.00055	1.00055	0.49888	0.753457	-1.32722	0.0799503	0.520689	-1.92033	0.250329	0.667983	-1.49704	0.998819	1.0005	1.0005	0.999072	1.33641	1.33641	0.928953	1.07496	1.07496	0.68743	0.872967	-1.14552	0.884641	1.58075	1.58834	1	
cg12878650	ADAM7;56	0.574213		0.0756714	1.32018	1.32018	0.96485	-1.03618	0.76485	1.03608	1.03608	2.4365	1.3655	1.3655	0.408094	1.40512	1.40512	0.279812	0.97693	-1.02374	0.841089	1.0009	1.0009	0.992	1.13892	1.13892	0.42406	1.5536	1.5536	0.884756	1.97673	1.97673	0.927442	1.05133	1.05133	0.884718	4.3303	4.32025	1
cg08505747	ARMC7	0.574207		0.49061	0.801543	-1.24759	0.566413	1.20093	1.20093	0.0822245	1.83726	1.83726	0.734124	0.897892	-1.11372	0.877213	0.952327	-1.05006	0.559016	0.82971	-1.20524	0.231991	1.48592	1.48592	0.747929	0.903147	-1.10724	0.723155	0.883711	-1.11893	0.884602	1.3984	1.40518	1	
cg13075709	SP1;SP1	0.574214		0.301287	0.800888	-1.24982	0.403822	0.916367	-1.09165	0.201039	1.13795	1.13795	0.397922	1.19847	1.19847	0.159474	0.7955	-1.25707	0.311916	1.2459	1.2459	0.0447284	0.7891	-1.26741	0.0158318	0.584494	0.890913	-1.12244	0.884597	0.612888	0.616966	1		
cg11081721	PANK2;PANK2;PANK2	0.574217		0.997758	1.00221	1.00221	0.166257	1.18219	1.18219	0.161187	1.23314	1.23314	0.41086	0.517134	-1.93773	0.363852	0.481059	2.07875	0.542412	1.61591	1.62182	0.834872	0.849007	-1.17785	0.744582	1.29221	1.29221	0.650914	1.69962	1.69962	0.884587	0.615513	0.65702	1	
cg24057642	NR2F6	0.574223		0.887023	0.909847

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1237 vs. N)	Ratio(1237 vs. N)	Fold-Change(1247 vs. N)	Ratio(1247 vs. N)	Fold-Change(1377 vs. N)	Ratio(1377 vs. N)	Fold-Change(1477 vs. N)	Ratio(1477 vs. N)	Fold-Change(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	S(Error)	F(Error)
cg15706751	FLJ43663;FLJ43663	0.57466	0.48646	1.21242	0.11287	0.624945	-1.60214	0.465034	0.816645	-1.22452	0.751395	1.09046	0.090146	1.260518	0.726369	-1.37671	0.313905	1.32353	1.32353	0.79209	0.910134	-1.09874	0.812217	0.937225	-1.06698	0.52016	0.837289	-1.19403	0.888881	1.03883	1.04472	1
cg19153228	RAPGEF4;RAPGEF4	0.57473	0.312387	1.80074	0.180074	0.998477	1.00108	1.00108	0.715336	1.22895	0.228955	0.763551	1.18508	1.18508	0.145976	0.415384	-2.40741	0.893829	0.927596	-1.07806	0.321574	1.77962	1.77962	0.183828	2.2114	2.2114	0.696368	0.801931	-1.24699	0.88386	4.434091	4.46014	1
cg18084486	CUX1;CUX1;CUX1	0.57473	0.670092	0.444796	-2.24822	0.889257	1.30132	1.30132	0.877904	0.747795	-1.33726	0.58391	0.351488	-2.84505	0.270053	8.76801	8.76801	0.637028	0.407171	-2.45597	0.0959031	0.0315237	-31.7241	0.389278	5.30097	5.30097	0.469588	4.01812	4.01812	0.88386	50.0268	50.3115	1
cg10340622	TG	0.57473	0.674676	0.993267	-1.00678	0.206257	1.53392	1.53392	0.969099	1.03225	1.03225	0.627884	0.850368	-1.1695	0.22514	0.664722	-1.50439	0.671334	0.872128	-1.14661	0.162322	1.6132	1.6132	0.584684	0.837842	-1.19354	0.53967	0.819512	-1.22024	0.883855	1.43845	1.44664	1
cg14858784	PITPNM2	0.57485	0.266108	0.643247	-1.55461	0.688877	0.857916	-1.16562	0.800231	1.10136	1.10136	0.690831	0.858796	-1.16442	0.0887222	0.489212	-2.0441	0.716445	0.87032	-1.149	0.143417	0.540531	-1.81973	0.363885	0.700965	-1.4266	0.758989	1.12432	1.123432	0.883384	2.02954	2.04114	1
cg14499274	VAV2;VAV2	0.57469	0.831708	0.891018	-1.12231	0.977729	1.59921	1.59921	0.674675	0.795409	-1.25721	0.123421	0.404929	-2.47152	0.544815	0.717202	-1.39419	0.472345	0.672766	-1.4864	0.980761	0.98701	-1.01316	0.22893	0.504288	-1.98299	0.167192	0.450045	2.222	0.888833	4.1154	4.13894	1
cg05990720	C9orf72;C9orf72	0.57492	0.363532	1.21549	1.21549	0.947195	1.01394	1.01394	0.165885	0.734335	-1.36178	0.340502	0.814422	-1.22786	0.691204	0.919949	-1.08702	0.914294	0.977753	-1.02275	0.135063	0.7141512	-1.40026	0.414446	0.840015	-1.19046	0.706964	1.08212	1.08212	0.883829	0.611307	0.614807	1
cg12187657	FAM131B;FAM131B	0.57484	0.2663	0.609792	-1.64391	0.470373	0.791721	1.26372	0.315154	1.48876	1.48876	0.912276	0.96429	-1.03499	0.582332	0.841275	-1.18867	0.384052	1.32012	1.32012	0.441362	0.770934	-1.29713	0.917782	1.37895	1.37895	0.567153	1.1972	1.1972	0.888327	1.35529	1.36306	1
cg19897017	MAD1L1;MAD1L1;MAD1L1	0.57478	0.986174	1.00891	1.00891	0.206774	1.97681	1.97681	0.075262	1.75585	1.75585	0.79245	0.592149	1.31837	1.31837	0.902941	1.03728	1.03728	1.037	1.03728	0.748606	1.48473	1.48473	0.775493	1.15683	1.15683	0.670905	0.803519	-1.24453	0.427148	0.602362	1.51432	0.883788	3.66644	3.6878	1
cg21609833	WDR46;WDR46	0.57478	0.643814	0.884612	-1.13044	0.332036	0.768343	-1.3015	0.386303	0.791474	-1.26347	0.361131	0.780985	-1.28043	0.100049	0.622185	-1.60724	0.375631	0.787074	-1.27053	0.83125	0.945993	-1.05709	0.651708	1.12711	1.12711	0.140862	0.658969	-1.51752	0.883787	0.970557	0.976159	1
cg05412139	LOC100286793;FLJ39739	0.57472	0.767362	1.02961	-1.03405	0.112049	1.18277	1.18277	0.732792	1.16719	1.16719	0.56827	1.29716	1.29716	0.613931	1.25349	1.25349	0.191128	1.86715	1.86715	0.254122	1.71124	1.71124	0.120264	2.13888	2.13888	0.576671	1.28972	1.28972	0.883774	2.84858	2.86507	1
cg01804363	MEX3D PROM1;PROM1;PROM1;PROM1;PROM	0.57473	0.793565	1.0586	1.0586	0.50186	1.10344	1.10344	0.4862	1.10758	1.10758	0.198788	0.82193	-1.21665	0.828159	1.03189	1.03189	0.280935	1.17567	1.17567	0.132431	1.26424	1.26424	0.825194	0.96856	-1.03246	0.417076	1.12723	1.12723	0.883769	0.291908	0.293599	1
cg17858192	1;PROM1;PROM1	0.57474	0.412657	0.426697	-2.34358	0.260754	0.303405	-2.29592	0.390086	2.44862	2.44862	0.407653	0.424347	-2.35656	0.193435	0.45236	0.45236	0.280311	0.319451	-3.13037	0.587748	0.573179	-1.74466	0.995277	0.994	-1.00604	0.983231	0.978855	-1.02166	0.883752	14.4719	14.556	1
cg06298361	CCDC22	0.57474	0.263092	0.507778	-1.97136	0.34092	0.571232	-1.7506	0.612732	0.744919	-1.34154	0.282198	0.19388	-5.15498	0.0988	0.160014	0.160014	0.614153	0.866059	-1.15466	0.047777	0.0952412	-10.4991	0.786439	1.30259	1.30259	-1.18476	0.925806	1.05559	1.05559	0.883752	4.72258	4.75003	1
cg01067840	WRNIP1;WRNIP1	0.57477	0.122044	3.34207	3.34207	0.922136	1.07199	1.07199	0.629773	1.41305	1.41305	0.403966	1.83915	1.83915	0.778955	1.22158	1.22158	0.178778	0.358749	-2.78746	0.625901	0.704882	-1.41868	0.874378	0.89359	-1.11908	0.54508	0.646445	-1.54692	0.89028	6.97799	6.0962	1
cg15567848	BRSK2	0.57494	0.550115	1.42382	1.42382	0.335128	1.78668	1.78668	0.09141	2.96313	2.96313	0.534391	1.44445	1.44445	0.890097	1.08415	1.08415	0.283889	1.91671	1.91671	0.0990602	2.87706	2.87706	0.648548	1.30757	1.30757	0.995082	1.00365	1.00365	0.883682	4.77979	4.80796	1
cg08546276	SLC22A23;SLC22A23	0.57488	0.139947	0.637964	-1.56805	0.790908	0.927588	-1.07806	0.997777	0.999212	-1.00079	0.118144	0.6694552	-1.49376	0.582014	0.750616	-1.33224	0.614153	0.866059	-1.15466	0.047777	0.0952412	-10.4991	0.786439	1.30259	1.30259	-1.18476	0.925806	1.05559	1.05559	0.883752	4.72258	4.75003	1
cg18391209	CAPN8	0.57494	0.608416	0.466204	-2.14498	0.727131	0.5961	-1.67757	0.900778	1.20226	1.20226	0.717629	0.5849	-1.70969	0.620433	0.478432	-2.09016	0.104397	13.7566	13.7566	0.43464	0.308128	-3.2454	0.519175	0.380966	-2.62491	0.212526	6.95221	6.95221	0.883667	30.5222	30.7026	1
cg09907153	RPA1;SMYD4 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.57496	0.16065	0.331676	3.01954	0.343945	0.31949	3.13084	0.538871	1.5822	1.5822	0.94528	1.05192	1.05192	0.140399	7.12033	7.12033	0.459065	0.52705	-1.7633	0.301886	0.454662	-2.2006	0.993054	1.0024	1.0024	0.634579	0.702517	-1.42345	0.883866	1.75053	1.76557	1
cg09607999	PRKAR1B;PRKAR1B	0.57479	0.738979	1.19244	1.19244	0.823511	1.12476	1.12476	0.576883	1.34537	1.34537	0.644158	0.782859	-1.27737	0.876277	1.08546	1.08546	0.945935	0.964935	-1.03634	0.0385346	3.53077	3.53077	0.876277	1.75379	1.75379	0.517797	1.41193	1.41193	0.883659	3.8769	3.89985	1
cg16961545	LMO3;LMO3	0.57482	0.884382	1.05043	1.05043	0.424899	1.31722	1.31722	0.0463194	2.16353	2.16353	0.693068	0.87448	-1.14354	0.987878	1.00515	1.00515	0.397447	1.34038	1.34038	0.843203	0.935234	-1.06925	0.58684	0.830673	-1.20384	0.616099	1.1864	1.1864	0.883654	1.59987	1.60935	1
cg17944741	THRB;THRB;THRB	0.57483	0.994363	0.961198	-1.00383	0.280645	0.545453	-1.83334	0.509242	0.656357	-1.43604	0.542944	1.39493	1.39493	0.423875	1.555	1.555	0.65178	1.27833	1.27833	0.173962	2.18537	2.18537	0.238819	1.94802	1.94802	0.350381	1.68126	1.68126	0.883595	4.08842	4.11292	1
cg20495583	FSTL1	0.57484	0.320818	0.327237	-3.05585	0.315822	1.93093	1.93093	0.23117	1.92658	1.92658	0.731449	1.44739	1.44739	0.162955	6.13674	6.13674	0.270703	3.69683	3.69683	0.0259	0.455149	2.19677	0.91606	1.09174	1.09174	0.875058	-1.14803	0.503105	0.477089	-2.09604	0.586023	0.550234	-1.81741	0.883581	16.5964	16.6961	1
cg02255983	THOP1	0.57485	0.849887	0.873072	-1.14538	0.0966648	1.6933	1.6933	0.378918	1.90923	1.90923	0.704174	0.761277	-1.31358	0.317578	0.477057	-2.09618	0.503812	0.615079	-1.62581	0.522051	0.628232	-1.59177	0.880319	1.11377	1.11377	0.503821	0.615085	-1.62579	0.88557	7.18201	7.22524	1
cg14489200	MAGEB3	0.57485	0.419283	0.893071	-1.11978	0.715804	0.914448	-1.09403	0.493705	0.908809	-1.10034	0.355293	1.13916	1.13916	0.281733	0.853552	-1.17156	0.862255	1.04018	1.04018	0.527394	0.75001	-1.33328	0.761468	0.962358	1.04018	0.527394	1.26471	0.764168	0.962358	0.883752	0.624432	0.626492	1
cg15118514	AFF1;A4TP11A	0.57487	0.612216	0.807751	-1.24883	0.500444	0.742828	-1.34621	0.158707	1.92489	1.92489	0.868404	0.930273	-1.07495	0.21281	0.565322	-1.7689	0.452257	1.39497	1.39497	0.367804	1.49496	1.49496	0.447276	1.39966	1.39966	0.910245	1.95216	1.95216	0.883567	2.6441	2.66003	1
cg04491389	KIAA1267	0.57483	0.86544	1.11272	1.11272	0.0545065	3.95038	3.95038	0.121318	2.88014	2.88014	0.331099	1.88048	1.88048	0.803402	1.1701	1.1701	0.692737	1.28417	1.28417	0.710008	1.26519	1.26519	0.565586	1.44163	1.44163	0.674928	1.30426	1.30426	0.883557	5.54986	5.58335	1
cg09238235	MIR25;MCM7;MCM7;MIR106B;MIR93	0.57487	0.31576	0.578871	-1.7275	0.934979	0.04394	3.04394	0.190341	0.33434	2.91733	0.745182	0.84209	-1.18752	0.150131	0.443504	-2.25477	0.325602	0.585699	-1.70736	0.660139	0.791984	-1.26265	0.913458	0.944315	-1.05897	0.507901	0.70186	-1.42479	0.885338	3.8869	3.91044	1
cg25653816	ZNF815	0.57481	0.626811	0.732457	-1.36517	0.731969	0.89196	-1.12097	0.318991	0.334143	2.99273	0.217826	0.464233	-2.15409	0.0439735	0.185357	-5.39401	0.647703	-1.48194	-1.41572	0.328522	-3.04393	0.719615	0.799765	-1.25037	0.62801	0.728106	-1.37343	0.88512	0.90876	0.56375	0.594573	1
cg19565299	D2HGDH	0.57489	0.494663	0.848428	-1.17865	0.26628	1.31594	1.31594	0.265595	0.75959	-1.3165	0.504231	1.17426	1.17426	0.946436	0.984201	-1.01605	0.799574	1.06216	1.06216	0.141283	1.45495	1.45495	0.465999	0.838749	-1.19225	0.899108	0.970382	-1.03052	0.883499	0.786125	0.790921	1
cg08983253	KIAA1549	0.57493	0.497259	0.793819	-1.25973	0.830338	0.71454	1.07454	0.317093	0.707157	-1.41411	0.590747	1.19947	1.19947	0.0905046	0.535314	-1.86806	0.777224	1.0997	1.0997	0.324854	0.711324	-1.40583	0.225518	0.652823	-1.53181	0.797247	0.91736	-1.09009	0.883497	1.57069	1.58027	1
cg00897404	ZFP1	0.57493	0.876561	1.14492	1.14492	0.0650858	0.936568	1.06773	0.217552	0.722249	1.38456	0.374098	1.25715	1.25715	0.803564	0.944518	-1.05903	0.583669	1.14892	1.14892	0.27084	0.850093	-1.17617	0.29384	0.763022	-1.31402	0.598638	0.71125	-1.40598	0.883493	0.880349	0.885726	1
cg25893869	SPIS11	0.57491	0.136984	0.109487	-9.13352	0.896649	0.835731	-1.19656	0.64649	1.89206	1.89206	0.639893	1.91678	1.91678	0.0827566	14.1962	14.1962	0.785622	1.45713	1.45713	0.953583	0.922768	-1.0837	0.915592	0.863817	-1.15765	0.963561	0.938865	-1.06512	0.88348	26.679	26.8423	1
cg18015194	WDR45;WDR45;PRAF2	0.57491	0.301533	0.206247	-4.84857	0.213444	0.233173	-4.28498	0.634733	1.56958	1.56958	0.75584	0.632457	1.58066	0.681728	1.62424	1.62424	0.27742	0.801091	-1.12222	0.229142	0.588409	-1.70539	0.154456	0.524845	-1.90532	0.860696	0.898739	-1.11292	0.883469	2.50288	2.51821	1
cg19157419	C2C;UBE2C	0.57491	0.0631064	0.413072	-2.42073	0.882214	0.939221	-1.06471	0.449308	0.73175	-1.38553	0.401993	0.80597	-1.24074	0.984812	1.00808	1.00808	0.279542	0.275704	-3.62708	0.944275	0.952227	-1.05017	0.890363	1.1015	1.1015	0.565036	0.660437	-1.51427	0.883465	4.86127	4.90399	1
cg07436753	UBE2C;UBE2C;UBE2C;UBE2C;UBE2C;UB	0.57491	0.252864	1.21674	1.21674	0.519217	1.1133	1.1133	0.394404	0.866503	-1.15406	0.548863	1.10477	1.10477	0.197075	0.861667	-1.16054	0.501509	1.11858	1.11858	0.154493	0.778526	-1.28447	0.703488	1.05845	1.05845	0.9155	0.98217	-1.01759	0.883436	0.377533	0.379864	1
cg19937996	C2orf53;C2orf53	0.57493	0.249704	0.625103	-1.59955	0.615824	0.605259	-1.65133	0.0827897	0.832719	1.20103	0.233476	0.900243	-1.11048	0.0936883	0.12959	0.12959	0.627655	0.680504	-1.46955	0.314837	0.38614	-2.59007	0.371548	0.763022	-1.31402	0.598638	0.550234	-1.81741	0.883581	16.5964	16.6961	1
cg22251983	THOP1	0.57485	0.849887	0.873072	-1.14538	0.0966648	1.6933	1.6933	0.378918	1.90923	1.90923	0.704174	0.761277	-1.31358	0.317578	0.477057	-2.09618	0.503812	0.615079	-1.62581	0.522051	0.628232	-1.59177	0.880319	1.11377	1.11377	0.503821	0.615085	-1.62579	0.88557	7.18201	7.22524	1
cg14489200	MAGEB3	0.57485	0.419283	0.893071	-1.11978	0.715804	0.914448	-1.09403	0.493705	0.908809	-1.10034	0.355293	1.13916	1.13916	0.281733	0.853552	-1.17156	0.862255	1.04018	1.04018	0.527394	0.75001	-1.33328	0.761468	0.962358	1.04018	0.527394	1.26471	0.764168	0.962358	0.883752	0.624432	0.626492	1
cg15118514	AFF1;A4TP11A	0.57487	0.612216	0.807751	-1.24883	0.500444	0.742828	-1.34621	0.158707	1.92489	1.92489	0.868404	0.930273	-1.07495	0.21281	0.565322	-1.7689	0.452257	1.39497	1.39497	0.367804	1.49496	1.49496	0.447276	1.39966	1.39966	0.910245	1.95216	1.95216	0.883567	2.6441	2.66003	1
cg04491389	KIAA1267	0.57483	0.86544	1.11272	1.11272	0.0545065	3.95038	3.95038	0.121318	2.88014	2.88014	0.331099	1.88048	1.88048	0.803402	1.1701	1.1701	0.692737	1.28417	1.28417	0.710008	1.26519	1.26519	0.565586	1.44163	1.44163	0.674928	1.30426	1.30426	0.883557	5.54986	5.58335	1
cg19157419	C2C;UBE2C	0.57491	0.0631064	0.413072	-2.42073	0.882214	0.939221	-1.06471	0.449308	0.73175	-1.38553	0.401993	0.80597	-1.24074	0.984812	1.00808	1.00808	0.785626	0.801091	-1.12222	0.229142	0.588409	-1.70539	0.154456	0.524845	-1.90532	0.860696	0.898739	-1.11292	0.883469	2.50288	2.51821	1
cg04735660	MIR48;ASTN1;ASTN1	0.57493	0.325434	0.667117	-1.63597	0.882214	1.1884	1.1884	0.404091	0.758202	-1.31891	0.551449	1.52493	1.52493	0.0824776	0.765441	-1.30647	0.209421	0.275704	-3.62708	0.944275	0.952227	-1.05017	0.890363	1.1015	1.1015	0.565036	0.660437	-1.51427	0.883465	4.86127	4.90399	1
cg07436753	DYNC1LI2	0.57493	0.252864	1.21674	1.21674	0.519217	1.1133	1.1133	0.394404	0.866503	-1.15406	0.548863	1.10477	1.10477	0.197075	0.861667	-1.16054	0.501509	1.11858	1.11858	0.154493	0.778526	-1.28447	0.703488	1.05845	1.05845	0.9155	0.98217	-1.01759	0.883436	0.377533	0.379864	1
cg19543867	C7orf53;C7orf53	0.57493	0.249704	0.625103	-1.59955	0.615824	0.605259	-1.65133	0.0827897	0.832719	1.20103	0.233476	0.900243	-1.11048	0.0936883	0.12959	0.12959	0.627655	0.680504	-1.46955	0.314837	0.38614	-2.59007	0.371548	0.763022	-1.31402	0.598638	0.550234	-1.81741	0.883581	16.5964	16.6961	1
cg21822187	HMGA2;HMGA2	0.57459	0.144214	0.277453	-3.60422	0.934202	0.934741	-1.06982	0.348583	0.454435	-2.20053	0.190731	0.322369	-3.103	0.383347	0.48162	-2.07632	0.324509	0.435369	-2.2969	0.149449	0.282738	-3.53684	0.230642	0.357804	-2.79483	0.443648	0.528818	-1.89329	0.883404	0.34571	0.34074	1
cg14489200	MAGEB3	0.57485	0.419283	0.893071	-1.11978	0.715804	0.914448	-1.09403	0.493705	0.908809	-1.10034	0.355293	1.13916	1.13916	0.281733	0.853552	-1.17156	0.862255	1.04018	1.04018	0.527394	0.75001	-1.33328	0.761468	0.962358	1.04018	0.527394	1.26471	0.764168	0.962358	0.883752	0.624432	0.626492	1
cg15118514	AFF1;A4TP11A	0.57487	0.612216	0.807751	-1.24883	0.500444	0.742828	-1.34621	0.158707	1.92489	1.92489	0.868404	0.930273	-1.07495	0.21281	0.565322	-1.7689	0.452257	1.39497	1.39497	0.367804	1.49496	1.49496	0.447276	1.39966	1.39966	0.910245	1.95216	1.95216	0.883567	2.6441	2.66003	1
cg04491389	KIAA1267	0.57483	0.86544	1.11272	1.11272	0.0545065	3.95038	3.95038	0.121318	2.88014	2.88014	0.331099	1.88048	1.88048	0.803402	1.1701	1.1701	0.692737	1.28417	1.28417	0.710008	1.26519	1.26519	0.565586	1.44163	1.44163	0.674928	1.30426	1.30426	0.883557	5.54986	5.58335	1
cg12341179	FAM193B;FAM193B	0.57492	0.111194	1.62381	1.62381	0.911418	1.03158	1.03158	0.84456	1.05637	1.05637	0.761199	1.08889	1.08889	0.330443	1.32388	1.32388	0.256381	1.39233	1.39233	0.572297	0.852644	-1.17282	0.303683	1.34666	1.34666	0.18234	1.48501	1.48501	0.883351	1.09197	1.09882	1
cg26798702	VWA1;VWA1	0.57503	0.318255	0.705752	-1.41587	0.435432	1.25594	1.25594	-1.25355	0.213145	1.41997	1.41997	0.408889	0.799106	-1.2514	0.454444	0.805821	-1.24097	0.138408	0.654102	-1.52896	0.497403	0.962264	-1.03945	0.82469	-1.21242	0.824418	1.06081	0.557972	0.854105	-1.17082	0.843338	0.990822	0.996847	1
cg25631874	SYTL2;SYTL2 EXOSC7;ZDHHC3;ZDHHC3;EXOSC7;ZDH	0.57501	0.21874	0.46616	-2.14509	0.350941	0.567561	-1.76192	0.636727	1.32403	1.32403	0.775139	1.1841	1.1841	0.6766	0.780761	-1.28208	0.208866	0.457681	-2.18493	0.231705	0.477078	-2.09609	0.204178	0.45358	-2.20458	0.692572	1.26421	1.26421	0.883322	4.86973	4.90042	1
cg21307697	HC3	0.57508	0.232172	1.2894	1.2894	0.329901	1.22669	1.22669	0.750754	1.06678	1.06678	0.339197	0.818867	-1.2212	0.540468	0.881876	-1.13395	0.909905	0.977290	-1.02323	0.204628	0.762219	-1.31196	0.899982	1.02583	1.02583	0.361555	1.20956	1.20956	0.88331	0.575664	0.5793	1
cg20577479	DPH2;DPH2	0.57503	0.081959	1.47903	1.47903	0.2864	1.01179	1.01179	0.933271	1.38158	1.38158	0.608885	1.33104	1.33104	0.0878802	1.08557	1.08557	0.533479	1.48918	1.48918	0.144992	1.64925	1.64925	0.0842004	1.39436	1.39436	0.78428	0.800452	-1.24911	0.847611	0.885612	-1.12916	0.882181	0.57733	0.63274	1.51274	1
cg09544431	SLC9A6;SLC9A6	0.57508	0.101226	0.03352	-29.8329	0.646932	0.417876	-2.39306	0.877794	0.747409	-1.33795	0.237245	10.4102	10.4102	0.8801	1.33056	1.33056	0.263533	0.110216	-9.07308	0.4407901	0.2015557	-4.96137	0.813467	1.4894	1.4894	0.682121	0.458785	-2.17967	0.883278	50.0802	50.3984	1
cg05785653	SPATA5L1;SPATA5L1	0.57502	0.885966	0.97064	-1.03025	0.831968	0.952753	-1.04959	0.336096	0.797775	-1.25349	0.877666	0.965521	-1.03571	0.9914	1.12144	1.12144	0.660613	0.979641	-1.02078	0.981321	0.994681	-1.00535	0.904013	0.622367	-1.60599	0.396326	1.21879	1.21879	0.883271	0.725866	0.750483	1
cg26143338	SDHAP3	0.57505	0.252544	0.451439	-2.21514	0.990773	1.00772	1.00772	0.777858	1.20709	1.20709	0.71861	0.786013	-1.27224	0.0431153	0.212526	4.70456	0.826563	1.86435	1.86435	1.15723	0.531727	0.656042	-1.52429	0.379443	0.544807	-1.82213	0.545225	1.66537	-1.50292	0.883235	0.19439	0.23404	1
cg14263858	STAP2;STAP2	0.57507	0.0861224	3.16695	3.16695	0.785059	1.18079	1.18079	0.347903	1.7995	1.7995	0.225127	2.16945	2.16945	0.432052	0.614195	-1.62815	0.949587	0.962293	-1.03918	0.654733	0.760615	-1.31473	0.620691	1.35425	1.35425	0.543199	1.45369	1.45369	0.883224	5.16927	5.20243	1
cg07058971	FAM110C	0.57509	0.531389	1.04312	1.04312	0.671768	1.12371	1.12371	1.68534	0.814544	1.38403	1.68097	0.874539	-1.14346	0.0822873	0.671153	-1.48971	0.953204	1.04161	1.04161	0.641271	1.157	1.157	0.584213	1.71115	1.71115	0.853145	1.35369	1.35369	0.883213	1.15117	1.15983	1
cg16777620	VGLL4	0.57509	0.594735	0.903976	-1.10622	0.200797	0.775658	-1.28923	0.978969	0.995056	-1.00497	0.145773	1.34129	1.34129	0.528824	0.886952	-1.12746	0.449172	0.865022	-1.15604	0.470108	1.44782	1.44782	0.141589	0.855026	-1.16955	0.786583	1.05235	1.05235	0.883192	0.494463	0.497653	1
cg06557243	MIAT	0.57508	7	0.0989	-10.1107	0.0989	0.315547	3.16825	0.237238	0.415901	2.40533	0.178232	0.389472	2.56773	0.133198	7.51228	7.51228	0.413704	0.858458	-1.16488	0.479318	0.579332	-1.72641	0.0984217	1.00867	1.00867	0.504496	0.832625	1.20102	1.20102	0.87982	0.41585	0.41585	1
cg27310730	PNPLA1;PNPLA1;PNPLA1	0.57513	0.063216	1.92929	1.92929	0.763967	0.909629	-1.09935	0.461015	0.788742	-1.26624	0.895403	1.04224	1.04224	0.634024	1.16282	1.16282	0.555937	1.20604	1.20604	0.504908

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-value(1047 vs. N)	p-value(1047 vs. 1048)	Fold-Change(1-value(1048 vs. N)	p-value(105 N)	Fold-Change(1-value(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-value(1117 vs. N)	p-value(1117 vs. 1118)	Fold-Change(1-value(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1-value(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-value(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 3537)	Fold-Change(1-value(3537 vs. N)	p-value(3537 vs. 3538)	Fold-Change(1-value(5377 vs. N)	p-value(5377 vs. 5637)	Fold-Change(1-value(5637 vs. N)	p-value(5637 vs. 6377)	Fold-Change(1-value(6377 vs. N)	F(Test)	SS(Test)	SS(Error)	df	F(Error
cg13229912	SLAIN2;SLAIN2	0.575672	0.340312	0.833486	-1.19978	0.293558	1.23377	1.23377	0.0925485	1.4093	1.4093	0.672695	0.108194	0.108194	0.488295	1.13939	1.13939	0.311014	1.21443	1.21443	0.78607	0.950965	-1.05156	0.810382	0.956427	-1.04556	0.8334	1.03981	0.882269	0.480013	0.483614	1
cg22963863	SNF8	0.575695	0.148238	0.744908	-1.34245	0.860009	0.996676	-1.00334	0.682913	0.924975	-1.08111	0.277711	0.807067	-1.23905	0.0752105	0.68648	-1.45671	0.399119	0.848813	-1.17812	0.58564	0.900747	-1.11019	0.535103	0.887567	-1.12667	0.273894	0.805577	-1.24135	0.0232382	0.503805	0.507606	1
cg25486361	KDNN2;KDNN2	0.575697	0.40145	1.42293	1.42292	0.273956	1.17641	1.17641	0.45384	1.46979	1.46979	0.955417	0.972176	-1.02862	0.593094	1.31291	1.31291	0.557128	0.741035	-1.34946	0.0662689	2.82852	2.82852	0.450068	1.47472	1.47472	0.66527	0.802753	-1.24571	0.882229	3.55964	3.58652	1
cg03375375	NFU1;NFU1;NFU1;NFU1	0.57571	0.69439	1.801237	-1.24807	0.953634	0.967896	-1.03317	0.19468	0.55947	2.15947	0.110932	0.65071	2.65071	0.666766	0.784192	-1.2752	0.818267	1.14321	1.14321	0.862953	0.907595	-1.10181	0.449288	0.640976	-1.54138	0.298623	1.83049	1.882408	0.04002	4.43352	1
cg13136266	TSPAN18;TSPAN18	0.575711	0.268226	0.365862	-2.73327	0.400528	2.11765	2.11765	0.857672	1.16943	1.16943	0.27886	0.374676	-2.66898	0.35342	0.434958	-2.29907	0.277973	0.373943	-2.67421	0.321677	0.3131	-3.19237	0.387026	0.461558	-2.16848	0.882207	1.0122	10.7024	1
cg00200616	ZNF362	0.575731	0.36441	0.677539	-1.47593	0.696298	1.17802	1.17802	0.293778	0.634538	1.57595	0.971786	1.0488	1.0488	0.115238	0.488506	-2.04476	0.155217	0.529774	-1.8877	0.692126	0.846848	-1.18085	0.860146	1.07644	1.07644	0.303046	0.639177	-1.56451	0.882175	2.43748	2.45603	1
cg08620986	SOX13	0.575734	0.168505	0.613393	-1.63028	0.488524	0.791059	-1.26413	0.330478	0.715714	-1.39721	0.619612	0.846471	-1.18138	0.685958	1.14499	1.14499	0.903201	0.960285	-1.04136	0.339899	1.38766	1.38766	0.516992	1.24462	1.24462	0.20929	0.643527	-1.55394	0.88217	1.55007	1.56187	1
cg22064942	SEC24B;SEC24B	0.575744	0.41336	1.864853	-1.15147	0.570413	1.10155	1.10155	0.676789	1.07526	1.07526	0.962336	0.950132	0.950132	0.152548	0.217538	1.24458	1.24458	0.565188	1.10323	1.10323	0.706188	0.944713	-1.05852	0.737227	1.02607	1.05017	0.0764588	1.39802	1.39802	0.882154	0.397419	0.400453	1
cg00795809	MGC45800	0.57575	0.625407	0.613289	-1.63292	0.848149	1.21054	1.21054	0.175405	1.25196	1.25196	0.400774	-2.49517	0.808462	1.12121	1.12121	0.443001	1.24287	1.62288	0.944791	1.07146	1.07146	0.89919	0.883131	-1.13465	0.0620902	8.11378	8.13789	13.985	1
cg01433978	PLIN3;PLIN3;PLIN3	0.575758	0.580347	0.841748	-1.188	0.592219	0.846373	-1.18151	0.556136	0.832227	-1.2016	0.497644	0.808634	-1.23655	0.206854	0.6632	-1.50784	0.280544	1.41344	1.41344	0.66357	0.873698	-1.14456	0.151647	0.622575	-1.60623	0.230459	0.678342	-1.47418	0.882132	1.32959	1.33977	1
cg05488043	P2RY1;P2RY1	0.575775	0.26884	1.4193	1.41955	0.704595	0.96855	1.04296	0.196	0.553766	1.8601	0.0760943	0.13053	1.10962	0.0760942	0.13053	1.13853	0.766501	1.09553	1.09553	0.914974	1.09553	1.11021	0.914974	1.09553	1.31799	0.9243	1.03076	0.882105	1.41941	1.43032	1
cg03710331	TMEM129	0.575777	0.607365	0.910416	-1.0984	0.380893	1.24083	1.24083	0.132992	1.47573	1.47573	0.308393	1.28694	1.28694	0.408673	0.816374	1.22493	0.837493	0.951891	-1.05054	0.375647	1.24095	1.24095	0.512313	1.17208	1.17208	0.27361	1.31458	0.882102	0.805236	0.811432	1
cg17278960	FGGY;FGGY	0.57578	0.994753	0.995402	-1.00462	0.176858	2.73502	2.73502	0.304554	2.10692	2.10692	0.77173	0.815557	-1.22616	0.120859	0.307586	-3.25112	0.631807	0.712924	-1.40267	0.991102	0.992215	-1.00785	0.849878	1.14203	1.14203	0.561223	0.66248	-1.50948	0.882097	0.86284	0.91568	1
cg01909111	NCL	0.575786	0.249529	1.25128	1.25128	0.561385	0.896381	-1.11559	0.873311	0.03017	0.03017	0.760142	0.944559	-1.0587	0.3865152	1.17979	1.17979	0.962256	0.991224	-1.00885	0.76242	0.94509	-1.0581	0.6611183	1.48155	1.48155	0.991228	0.997954	-1.00205	0.802088	0.484716	0.488453	1
cg25903554	TMEM175	0.575792	0.073627	0.206024	-4.42932	0.149699	0.96565	0.965665	0.260846	2.39726	2.39726	0.989307	0.990359	-1.01004	0.755228	0.152458	-6.55722	0.876293	1.12316	1.12316	0.663181	1.38642	1.38642	0.986473	0.987404	1.01272	0.995218	0.995542	-1.00448	0.882078	7.76565	7.82561	1
cg24429450	LDB1	0.575794	0.461965	1.37698	1.37698	0.453664	0.721754	-1.38551	0.489631	1.3496	1.3496	0.831891	1.09506	1.09506	0.549867	0.772248	-1.29492	0.320989	1.54963	1.54963	0.170904	0.53641	-1.86425	0.948245	1.02812	1.02812	0.233532	1.70498	1.70498	0.882074	2.54928	2.56898	1
cg13372743	PXDNL	0.57584	0.64956	1.24205	1.24205	0.323187	0.616599	-1.62182	0.490152	1.393098	1.393098	0.659961	1.20454	1.20454	0.106833	2.30327	2.30327	0.308046	1.64868	1.64868	0.154052	1.32793	1.32793	1.32793	0.328496	1.61273	1.61273	0.585335	0.770111	-1.29852	0.882065	3.13699	3.16126	1
cg08473106	PARM1	0.57585	0.254367	1.0971	-1.82292	0.150948	0.464074	-2.15483	0.810502	1.12558	1.12558	0.814225	1.14708	1.14708	0.412126	2.4248	2.4248	0.734985	0.84248	-1.18697	0.602191	0.766962	-1.30385	0.344508	0.453505	-2.20535	0.739129	0.84787	-1.18373	0.882033	3.55547	3.5831	1
cg02956481	C19orf55	0.575836	0.683025	0.888991	-1.12487	0.375131	1.29809	1.29809	0.225146	1.44069	1.44069	0.850496	1.05557	1.05557	0.508277	1.21209	1.21209	0.09225	0.587942	-1.70085	0.898712	0.96416	-1.03717	0.860724	0.950913	-1.05162	0.683683	1.12458	1.12458	0.882007	1.14746	1.15641	1
cg08428839	LASS1	0.575839	0.470482	1.47953	1.47953	0.50457	0.77575	-1.31596	0.952426	0.97106	-1.0298	0.951426	0.97106	-1.0298	0.141175	2.17911	2.17911	0.240818	0.953934	1.02884	0.795067	0.879747	-1.13669	0.961992	1.13698	1.13698	0.508548	0.805548	1.69558	1.69558	0.882004	3.38444	3.41076	1
cg10959999	C3orf36;C3orf36	0.57584	0.729609	1.19907	1.19907	0.653109	0.783728	-1.26721	0.288531	0.560196	-1.78509	0.976606	0.105145	0.105145	0.893877	0.911729	-1.09682	0.203559	0.492811	-2.02917	0.5196	0.7103	-1.40786	0.0514688	0.332014	-3.01192	0.903089	1.06577	1.06577	0.882501	3.76683	3.29741	1
cg07662831	MAP2K3	0.575843	0.153037	0.604057	-1.65482	0.193456	0.979243	-1.02121	0.882483	1.44242	1.44242	0.277585	1.01475	1.01475	0.974264	0.991119	-1.00896	0.499573	0.738328	-1.35431	0.26	?	?	?	0.384916	1.27934	1.27934	0.624615	1.14611	1.14611	0.849719	0.993325	1.07658	1
cg13522891	ARHGEF10	0.575859	0.468112	0.66943	-1.49381	0.580702	0.738382	-1.35431	0.43941	1.53525	1.53525	0.413084	1.57601	1.57601	0.57546	0.735216	-1.36014	0.440373	0.651969	-1.53382	0.219665	0.495764	-2.01709	0.241458	0.513473	-1.94752	0.379897	1.63179	1.63179	0.881972	4.12812	4.1605	1
cg26308869	LOC400043	0.575861	0.235634	0.681804	-1.4667	0.440793	0.784859	-1.27411	0.445949	1.27051	1.27051	0.549018	1.20545	1.20545	0.145215	0.687557	-1.45442	0.380322	0.75781	-1.31959	0.287989	1.40488	1.40488	0.830962	1.0681	1.0681	0.631577	0.861671	-1.16054	0.881968	1.32652	1.33693	1
cg00528351	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.575865	0.0659968	0.526737	-1.89848	0.740893	0.902003	-1.10864	0.653622	0.869021	-1.15072	0.167838	0.631262	-1.57912	0.927215	0.972002	-1.0288	0.944645	0.978649	-1.02182	0.948953	0.980297	-1.0201	0.889111	0.957567	-1.04431	0.185516	0.6435	-1.554	0.881962	1.34935	1.35994	1
cg13326844	PACRG;PACRG;PACRG	0.575871	0.212437	0.609225	-1.64107	0.27946	0.652166	-1.53238	0.326059	0.607407	-1.6605	0.447395	0.599603	-1.66777	0.0852105	0.284514	-3.51471	0.530956	0.657558	-1.52073	0.731361	1.25562	1.25562	0.307257	0.882951	0.6041	-1.65504	0.0212133	0.882951	6.0041	6.14224	1
cg14137558	UTP14A;UTP14A	0.575878	0.125371	0.0862667	-11.592	0.956274	0.922197	-1.08437	0.9631	0.933941	-1.07073	0.201748	0.732507	0.732507	0.46867	2.97166	2.97166	0.260134	0.176378	5.66963	0.572061	0.430234	-2.32432	0.977447	1.0426	1.0426	0.752075	0.842269	-1.18727	0.881941	30.4801	30.7202	1
cg12670477	IGSF22	0.575883	0.764875	1.1142	1.1142	0.246262	0.645864	-1.54831	0.999108	0.999597	-1.0004	0.135978	0.784669	0.784669	0.338827	0.700856	-1.42683	0.957485	1.01941	1.01941	0.332546	0.697402	-1.43393	0.405776	0.735911	-1.35886	0.625391	0.837449	-1.1941	0.881933	1.81556	1.82988	1
cg20971442	GSTM3;GSTM3	0.575906	0.726525	1.37664	1.37664	0.72646	0.82404	-1.2134	0.824074	1.14587	1.14587	0.824074	1.08644	0.911753	0.464743	1.09602	1.09602	0.167276	0.832132	1.20178	0.681085	1.46853	1.46853	0.677232	0.88187	1.16269	1.16269	0.541478	0.798155	-1.25289	0.932311	0.726398	0.8373	1
cg24837343	RAB11FIP5	0.575921	0.422113	0.640656	-1.56059	0.339793	0.586131	-1.7061	0.290765	1.83158	1.83158	0.605998	1.32647	1.32647	0.305302	0.561921	-1.77961	0.161299	2.25308	2.25308	0.713924	1.20529	1.20529	0.732568	0.830068	-1.20472	0.994342	0.996157	-1.00386	0.881872	4.11803	4.1508	1
cg26218238	UBE2F	0.575933	0.743608	1.14361	1.14361	0.387255	0.634881	-1.5758	0.353268	0.848627	1.4549	0.504937	0.734612	1.36612	0.245849	0.732455	-1.36504	0.670385	1.08734	1.08734	0.727377	0.924053	-1.08211	0.369503	0.599224	-1.66823	0.138629	0.722654	-1.38407	0.881931	1.14891	1.15944	1
cg19778009	SLC9A6;SLC9A6	0.575934	0.268291	0.481287	-2.07776	0.462687	0.622419	-1.60663	0.215017	0.437025	-2.2882	0.326035	0.19042	1.90242	0.958267	0.967356	-1.03375	0.131869	0.356479	-2.80521	0.761107	0.824157	-1.21336	0.922181	1.06393	1.06393	0.734589	1.24088	1.24088	0.881852	0.61789	0.562772	1
cg08449843	SLIT3	0.575947	0.263452	0.381006	-2.62463	0.784557	1.31966	1.31966	0.753468	1.32404	1.32404	0.547047	0.603857	-1.65602	0.831903	0.204669	-4.88594	0.985699	0.985274	-1.01495	0.270464	0.386841	-2.58504	0.345998	0.366305	-2.72996	0.796424	0.807358	-1.23861	0.881832	9.5688	9.64538	1
cg00763725	TMLHE	0.575953	0.153037	0.604057	-1.65482	0.193456	0.921894	-1.07385	0.623081	0.681241	-1.46798	0.604546	0.40855	0.40855	0.491324	0.479779	-2.08507	0.399753	0.738328	-1.35431	0.26	?	?	?	0.384916	1.27934	1.27934	0.624615	1.14611	1.14611	0.849719	0.993325	1.07658	1
cg10653000	GAUNT9	0.575961	0.308608	2.26462	2.26462	0.0492129	0.70517	1.70517	0.328164	2.18783	2.18783	0.389927	1.98059	1.98059	0.346988	2.11951	2.11951	0.441173	1.83906	1.83906	0.988799	1.01095	1.01095	0.390262	1.97959	1.97959	0.498696	1.70361	1.70361	0.883809	8.40335	8.47081	1
cg03151412	PMVK;PMVK	0.575968	0.491886	1.28202	1.28202	0.486804	0.838175	-1.2841	0.633802	0.938175	-1.06515	0.325542	1.07718	1.07718	0.834156	1.08205	1.08205	0.943542	1.09896	1.09896	0.930209	0.96065	-1.04126	0.512915	0.727153	1.37535	1.37535	0.341195	0.499269	-2.38383	0.88209	0.91202	7.74152	1
cg05694250	GPRIN2	0.575976	0.346196	0.497599	-2.00965	0.583068	0.949011	1.49011	0.603621	1.44271	1.45771	0.16817	0.347609	-2.8768	0.0989281	0.46079	-2.17019	0.273608	0.440561	-2.26983	0.222498	0.397572	-2.51527	0.44179	0.568753	-1.75823	0.446001	0.571827	-1.74878	0.881786	2.22939	7.28763	1
cg05698107	MICAL11	0.575979	0.34315	0.565073	-1.76968	0.917355	1.0671	1.0671	0.821601	1.15179	1.15179	0.0612494	0.267238	-3.74198	0.281893	0.496724	-2.01319	0.396	0.580489	-1.72269	0.898091	1.08348	1.08348	0.638826	1.14419	1.14419	0.575536	0.701902	-1.4247	0.88178	5.46761	5.51169	1
cg26685102	BEX1;BEX1	0.575989	0.247382	0.499588	-2.00168	0.539357	0.796342	-1.25578	0.144	0.588328	-1.7001	0.0855286	0.03332	-3.0018	0.0734356	0.5866	-1.70478	0.148466	0.596555	-1.67626	0.0966	0.324239	-3.08403	0.0439992	0.0966	0.324239	-3.08403	0.0439992	0.0966	0.324239	-3.08403	0.0439992

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg03155649	KDM4B	0.5767593	0.8079979	0.904905	-1.10509	0.3649671	1.46524	2.746024	0.27058	1.60121	1.60121	0.570109	1.36558	1.26624	0.629755	1.819267	1.2206	0.352676	0.675375	-1.48066	0.384194	0.693383	-1.4422	0.374968	0.553201	-1.80766	0.695872	1.17494	1.17494	0.88854	2.34877	2.37104	1
cg18620396	PSMG2;CEP76	0.5767722	0.726058	1.07691	1.07691	0.651736	1.10044	1.10044	0.274245	1.2708	1.2708	0.361716	0.820784	-1.23835	0.258089	0.776688	-1.28752	0.95692	0.988685	-1.01144	0.131037	0.709321	-1.4098	0.789145	0.945104	-1.05808	0.499599	0.865575	-1.1553	0.880519	0.6188	0.624682	1
cg27299484	ATP8A1;ATP8A1	0.5767773	0.3147553	0.775375	-1.2897	0.970738	1.00902	1.00902	0.295854	1.3038	1.3038	0.182422	0.707298	-1.41383	0.389925	0.806052	-1.24061	0.869992	0.960707	-1.0409	0.25497	1.33758	1.33758	0.646513	1.11964	1.11964	0.864704	1.04262	1.04262	0.8805517	0.8352023	0.843144	1
cg03676707	USP21;USP21;USP21;USP21	0.5767878	0.3661513	0.765001	-1.30719	0.710805	0.898183	-1.11333	0.5764911	1.37678	1.37678	0.676722	0.886063	-1.12859	0.17545	1.515321	1.515321	0.909649	1.03329	1.03329	0.3055021	1.35774	1.35774	0.270472	1.392381	1.392381	0.373252	0.768204	-1.30174	0.8805707	1.160666	1.171771	1
cg04820387	PCMTD2;PCMTD2	0.57679	0.5885516	1.2154	1.2154	0.279777	1.49375	1.49375	0.284001	1.48812	1.48812	0.2105	1.61222	1.61222	0.202303	1.61616	1.61616	0.341973	1.41863	1.41863	0.461271	1.765001	-1.30719	0.745596	1.1233	1.1233	0.571721	0.815338	0.8804891	1.778375	1.79571	1
cg15102740	C11orf80	0.5767898	0.2003938	0.473804	-2.14435	0.928322	0.940783	-1.06294	0.711924	1.286335	1.286335	0.824096	0.859794	-1.16308	0.112895	0.305939	-3.27462	0.358462	0.525513	-1.9029	0.111977	0.304266	-3.2866	0.693516	0.764202	-1.30855	0.435454	0.581884	0.4175855	0.8869111	6.329326	5.555045	1
cg05718035	NFATC1;NFATC1;NFATC1;NFATC1	0.5768065	0.5713661	0.639634	-1.56339	0.16111	3.21952	3.21952	0.18215	3.02287	3.02287	0.622241	0.678454	-1.47394	0.2595071	0.398958	-2.50653	0.659183	0.706997	-1.41443	0.749951	1.28375	1.28375	0.791045	0.81266	-1.23053	0.722136	0.75659	-1.32172	0.8804679	0.580988	0.559127	1
cg03478739	CHN1;CHN1	0.5768163	0.6818321	0.812258	-1.23114	0.2236915	0.532466	-1.914	0.195711	0.4991262	-2.00349	0.978737	0.101363	1.01363	0.674942	0.694114	-1.44069	0.281521	0.556442	1.79541	0.46976	1.45277	1.45277	0.960964	1.61262	1.61262	0.629949	1.23959	1.27959	0.8804554	3.59625	3.6307	1
cg13554903	FIBCD1;FIBCD1	0.5768307	0.564004	0.788107	-1.26886	0.604688	0.623321	-1.60431	0.323894	1.53612	1.53612	0.144312	0.794458	-1.25868	0.481082	0.576955	-1.73298	0.951784	0.975614	-1.025	?	?	?	?	0.743694	-1.35081	0.546538	0.673163	-1.48533	0.8681008	2.037219	2.3407	1
cg05715861	TEX2	0.5768859	0.677968	0.904248	-1.10589	0.654217	1.1148	1.1148	0.63474	1.12227	1.12227	0.716925	0.915974	-1.09173	0.949556	1.01537	1.01537	0.142083	1.46293	1.46293	0.139821	1.46659	1.46659	0.896692	0.969173	-1.03181	0.294302	0.769366	-1.29977	0.8803382	0.8101112	0.81794	1
cg07387734	NPYC;NPYC;NPYC;NPYC;MIR30E;NPYC	0.576886	0.33042	1.39017	1.39017	0.379992	0.02007	1.58992	0.042739	1.79737	-1.25673	0.810062	0.07805	1.26422	0.285873	1.418944	1.418944	0.589855	1.10543	1.10543	0.795459	1.022939	1.022939	0.908199	1.04919	1.04919	0.514476	1.24213	1.24213	0.8803818	1.500316	1.514466	1
cg07332178	BLVRA	0.5768863	0.77423	1.07146	1.07146	0.958424	0.987566	-1.01259	0.645276	1.20533	1.20533	0.710126	0.09374	1.09374	0.863235	0.959465	-1.04225	0.085285	0.633737	-1.57884	0.188824	0.731962	-1.39672	0.805115	0.942395	-1.06113	0.541839	1.15975	1.15975	0.8803735	0.8010404	0.810907	1
cg00763094	BAT2L2	0.5768873	0.901783	1.1208	1.1208	0.17429	3.79035	3.79035	0.0929169	5.51584	5.51584	0.467591	0.505221	-1.97913	0.866106	1.16869	1.16869	0.519904	0.547412	1.82678	0.638158	1.54813	1.54813	0.69753	0.6973739	-1.43435	0.840643	0.830301	-1.20438	0.8803562	1.80971	1.82123	1
cg04362839	BRF1;BRF1	0.5768871	0.6937352	1.21562	1.21562	0.6492993	1.02521	1.02521	0.955104	1.04539	-1.64539	0.775866	0.868641	-1.15122	0.609733	0.779703	-1.28915	0.868689	1.08505	1.08505	0.550115	1.34755	1.34755	0.710565	1.20189	1.20189	0.601742	1.771222	-1.29664	0.8803362	3.39358	3.42645	1
cg01638114	CDRD2B	0.576873	0.2631889	0.757594	-1.31997	0.247809	0.750099	-1.33116	0.538442	1.15979	1.15979	0.749781	0.107912	1.07912	0.770109	0.932637	-1.07223	0.129381	0.67709	-1.47693	0.391092	0.812076	-1.23141	0.680231	0.908706	-1.10047	0.470755	1.19079	1.19079	0.8803538	0.7897121	0.797373	1
cg08561469	PLCG2	0.576895	0.956704	-1.04526	0.6944475	1.44026	1.74281	1.74281	0.563744	1.05258	1.05258	0.632277	0.869131	-1.15057	0.948853	0.98151	-1.01853	0.191992	1.49453	1.49453	0.805803	1.07429	1.07429	0.411023	0.7839039	-1.27708	0.467841	1.23975	1.23975	0.8803313	1.8809	1.911556	1
cg03786336	HES1	0.5768982	0.4197292	1.65292	1.65292	0.33457	1.83426	1.83426	0.763675	1.20178	1.20178	0.324681	1.85889	1.85889	0.311587	1.89296	1.89296	0.0468777	4.00222	4.00222	0.864931	0.9014423	-1.10936	0.828655	1.14125	1.14125	0.551323	1.44401	1.44401	0.8803239	5.18079	5.23117	1
cg03218267	SPIN	0.5768986	0.445381	0.628477	-1.59042	0.414466	1.63523	1.63523	0.182756	0.454904	-2.20147	0.710139	1.24599	1.24599	0.220706	0.679233	-1.23752	0.503431	1.49228	1.49228	0.646527	0.7616691	-1.31287	0.813859	0.870187	-1.14918	0.232498	0.479012	-2.092	0.8803126	4.845641	4.89274	1
cg27044649	NCOR2;NCOR2	0.576895	0.814852	1.01042	1.01042	0.807399	1.63782	1.63782	0.163504	1.96982	1.44312	1.44312	0.794938	1.11243	1.11243	0.588153	0.797648	1.25369	0.862373	0.931665	-1.07335	0.420956	1.39848	1.39848	0.944299	1.02891	1.08451	1.060951	1.060951	0.8803525	2.32018	2.34276	1
cg03468945	OAT	0.5769013	0.1809771	1.87816	1.87816	0.852386	1.08536	1.08536	0.549407	0.7658222	-1.30579	0.718477	0.8527653	-1.17266	0.104039	0.452764	-2.20866	0.918119	1.04625	1.04625	0.939757	1.03379	1.03379	0.548515	1.30659	1.30659	0.540163	1.31414	1.31414	0.8863737	2.657814	2.33122	1
cg07044494	FCHSD2	0.5769084	0.606647	0.81946	-1.07128	0.456937	1.13211	1.13211	0.980781	0.996811	-1.0032	0.660932	0.933512	-1.07122	0.642398	0.96396	-1.03722	0.627814	0.937281	-1.06697	0.478467	1.10025	1.10025	0.914789	1.09327	1.09327	0.513778	1.13776	1.13776	0.5541093	1.08549	1.08549	0.8803	0.245079	0.247468	1
cg23691251	ATE1;ATE1	0.576918	0.5620044	1.12779	1.12779	0.523	1.14202	1.14202	0.371902	0.8285523	-1.20692	0.760624	0.9392339	-1.06469	0.125612	0.717151	-1.40499	0.826497	0.955965	-1.04606	0.116142	0.704486	-1.41947	0.708221	0.925776	-1.08017	0.973284	1.00689	1.00689	0.8803288	0.5867195	0.592452	1
cg13400318	CSnrf52	0.5769202	0.4262385	0.747906	-1.33712	0.2012269	0.734234	0.734234	0.188845	0.9314673	-1.07357	0.545689	0.5699955	-1.75544	0.502635	0.553056	-1.80856	0.117107	0.642156	-1.55725	0.908985	1.0302	1.0302	0.606599	1.14471	1.14471	0.77772	1.07642	1.07642	0.8802277	0.943891	0.953125	1
cg25142780	HJURP	0.576925	0.597633	0.870583	-1.14866	0.332174	1.29734	1.29734	0.390482	1.25729	1.25729	0.465227	0.824168	-1.21335	0.357075	0.781569	-1.27948	0.117107	0.642156	-1.55725	0.908985	1.0302	1.0302	0.606599	1.14471	1.14471	0.77772	1.07642	1.07642	0.8802277	0.943891	0.953125	1
cg23364029	CAUAL6	0.5769247	0.4207654	0.752534	-1.32909	0.2322883	0.741572	0.741572	0.1943	1.2434	1.2434	0.800285	0.7640005	-1.30895	0.2292545	0.600205	-1.66667	0.247913	0.649491	-1.53966	0.3168342	0.7639067	-1.30899	0.2292545	0.600205	-1.66667	0.3168342	0.7639067	-1.30899	0.8802277	0.9438911	0.953125	1
cg03761891	TMEM40	0.576927	0.421156	1.29582	1.29582	0.596207	1.18369	1.18369	0.390158	0.7575737	-1.32007	0.688452	1.13553	1.13553	0.166342	1.36695	1.36695	0.427133	0.774387	-1.29134	0.113945	1.71995	1.71995	0.561733	0.83109	-1.20324	0.609876	1.17619	1.17619	0.880273	1.38641	1.39998	1
cg18250135	TNNC1B	0.5769393	0.72107	1.07146	1.07146	0.958424	0.801937	1.02037	0.8007654	1.2708	1.2708	0.20406	0.2104506	1.62556	0.1883	0.883049	1.13295	0.4973403	0.7639067	-1.30899	0.2292545	0.600205	-1.66667	0.3168342	0.7639067	-1.30899	0.2292545	0.600205	-1.66667	0.8802277	0.9438911	0.953125	1
cg05791779	CHCHD6	0.576947	0.972072	0.983018	-1.01728	0.111445	2.33548	2.33548	0.126972	2.24239	2.24239	0.820974	0.895039	-1.11727	0.800358	0.883406	-1.13198	0.850238	1.09689	1.09689	0.383968	1.54765	1.54765	0.916262	0.949847	-1.0528	0.468581	0.697132	-1.43445	0.8802441	3.3368	3.36958	1
cg07253552	MBNL3	0.5769666	0.444577	0.499938	-2.00025	0.0795158	0.770053	-1.64803	0.261851	1.80384	1.80384	0.2	1.49742	1.49742	0.919685	1.09386	1.09386	0.29532	0.380832	-2.62583	0.093073	0.992308	-1.00775	0.574852	1.65555	1.65555	0.924291	1.08823	1.08823	0.8802128	11.0309	11.1397	1
cg23109666	DISC1;DISC1;DISC1;DISC1;DISC1	0.57697	0.511031	0.784778	-1.27425	0.5095511	1.27536	1.27536	0.507445	1.27695	1.27695	0.749239	0.889951	-1.12366	0.857325	1.06761	1.06761	0.805756	1.04881	1.04881	0.04999137	2.25374	2.25374	0.800426	0.912023	-1.09646	0.54687	0.801197	-1.24813	0.880205	1.84251	1.86069	1
cg12342675	BICC1	0.5769765	0.319267	0.785157	-1.27374	0.2137439	0.730494	0.730494	0.162964	1.2435	1.2435	0.799	0.7499	-1.33335	0.951022	0.9885	-1.01128	0.545981	1.37275	1.37275	0.729414	1.24275	1.24275	0.704998	1.08221	1.08221	0.467575	0.618389	-1.62496	0.8348475	1.773123	1.802721	1
cg24248978	ZNF165	0.576994	0.76671	1.11429	1.11429	0.323697	1.44881	1.44881	0.64752	1.18227	1.18227	0.116293	0.537531	-1.86036	0.405246	0.843623	-1.18536	0.840558	1.07602	1.07602	0.247604	0.64424	-1.55222	0.471862	1.30498	1.30498	0.662809	1.17303	1.17303	0.880167	1.84425	1.86253	1
cg12284045	WNK1	0.5769961	0.3405461	0.745161	-1.34216	0.2666	0.745666	0.745666	0.140356	1.40196	1.40196	0.832789	0.780474	-1.28104	0.660274	0.734655	-1.36127	0.785004	1.08546	1.08546	0.182	1.58167	1.58167	0.719511	0.9316144	-1.07353	0.731783	1.79472	1.79472	0.8813808	1.49065	1.5017	1
cg19600901	SH3BGR;SH3BGR	0.5769988	0.8504074	0.878586	-1.13819	0.427189	1.74378	1.74378	0.232947	2.35813	2.35813	0.250674	0.438989	-2.27796	0.234114	0.42506	-2.35261	0.804598	0.843648	-1.18533	0.32401	2.011	2.011	0.651047	1.36658	1.36658	0.652713	1.36437	1.36437	0.88016	0.557799	0.623021	1
cg07658809	GPR123	0.577001	0.199452	0.590107	-1.69461	0.784798	0.898978	-1.11237	0.1618153	1.7708	1.7708	0.596354	0.8122231	-1.23118	0.854181	0.930922	-1.0742	0.891703	1.05443	1.05443	0.273158	0.6404621	-1.56098	0.703495	1.16042	1.16042	0.289255	0.651819	-1.53417	0.880156	2.11011	2.13101	1
cg09999250	CCNB1	0.5770011	0.9647354	1.03102	1.03102	0.7012269	1.12391	1.12391	0.277362	1.8597774	-1.16581	0.773432	0.8931473	-1.12007	0.964984	0.9515	-1.05107	0.659393	1.17009	1.17009	0.303298	1.41556	1.41556	0.875534	0.979218	-1.02122	0.141509	2.29501	2.29501	0.8802282	1.139857	1.15297	1
cg27642528	GLUD1	0.5770019	0.435782	1.40247	1.40247	0.226109	1.71721	1.71721	0.693845	0.8451021	-1.18329	0.642627	1.21992	1.21992	0.266482	1.63643	1.63643	0.268053	1.63357	1.63357	0.948453	0.973872	-1.02788	0.0902313	2.21275	2.21275	0.915564	0.955888	-1.04615	0.880127	2.52245	2.54756	1
cg22364029	CAUAL6	0.5770047	0.4207654	0.752534	-1.32909	0.2322883	0.741572	0.741572	0.1943	1.2434	1.2434	0.800285	0.7640005	-1.30895	0.2292545	0.600205	-1.66667	0.247913	0.649491	-1.53966	0.3168342	0.7639067	-1.30899	0.2292545	0.600205	-1.66667	0.3168342	0.7639067	-1.30899	0.8802277	0.9438911	0.953125	1
cg19822892	SMTNL2;SMTNL2	0.577009	0.17564	0.217184	-4.60438	0.732333	1.43913	1.43913	0.628508	1.67694	1.67694	0.926326	0.906586	-1.10304	0.0994406	0.147557	6.77705	0.315837	1.332976	1.332976	0.312671	0.494578	-2.02192	0.937851	0.920639	-1.0862	0.322371	1.338254	-2.95636	0.880111	15.6725	15.8288	1
cg06370868	PSMB8;PSMB8;PSMB8	0.5770045	0.296392	2.09746	2.09746	0.274841	2.17557	2.17557	0.10169	3.40703	3.40703	0.141532	2.94922	2.94922	?	?	?	0.625762	1.39971	1.39971	0.894285	1.09522	1.09522	0.597013	1.44057	1.44057	0.664657	1.34769	1.34769	0.8677772	5.71813	6.58944	1
cg05773148	TUBA1A	0.5770076	0.5107451	0.751715	-1.33093	0.2623	0.737423	0.737423	0.191288	1.34378	1.34378	0.249701	1.5121	1.5121	0.148244	?	0.895151	-1.11713	0.728204	1.13069	1.13069	0.623166	1.78278	1.78278	0.437969	1.28403	1.088112	0.42643	0.851407	-1.18401	0.8802112	0.42643	0.851407	1
cg21482012	SMTNL2;SMTNL2	0.577009	0.17564	0.217184	-4.60438	0.732333	1.43913	1.43913	0.628508	1.67694	1.67694	0.926326	0.906586	-1.10304	0.0994406	0.147557	6.77705	0.315837	1.332976	1.332976	0.312671	0.494578	-2.02192	0.937851	0.920639	-1.0862	0.322371	1.338254	-2.95636	0.880111	15.6725	15.8288	1
cg21393994	STXBP5;STXBP5	0.5770091	0.9959891	1.01452	1.01452	0.9672004	1.01697	1.01697	0.9704754	1.0004	-1.00004	0.988828	0.960418	-1.04121	0.9877	0.98662	-1.01358	0.956939	1.00962	1.00962	0.9778	1.00962	1.00962	0.9778	0.9856	-1.01454	0.9778	1.00962	1.00962	0.8806282	0.9511328	0.9511	1
cg00664406	GRM2;GRM2	0.5770162	0.743259	0.86467	-1.15651	0.236362	0.57757	-1.73139	0.650848	1.22332	1.22332	0.744016	0.865057	-1.15599	0.672889	0.828727	-1.20667	0.606734	0.794767	-1.25823	0.0459414	0.363469	-2.75127	0.942364	0.968518	-1.03251	0.729548	1.16596	1.16596	0.8880058	2.72802	2.7554	1
cg08741531	KCNJ5	0.5770166	0.125248	0.663219	-1.5078	0.170192	0.699623	-1.4355	0.64188	1.12289	1.12289	0.711428	0.912145	-1.09632	0.489552	1.18972	1.18972	0.71544	0.913576	-1.09448	0.250621	0.742732	-1.34638	0.858672	1.0451	1.0451	0.84806	1.04861	1.04861	0.8805202	0.853607	0.862178	1
cg04470878	OC7	0.577069	0.647961	1.18409	1.18409	0.488727	0.772189	-1.29502	0.845302	1.07444	1.07444	0.0919631	0.505664	-1.9776	0.126962	0.545126	-1.83444	0.899644	0.954817	-1.04732	0.978575	0.990178	-1.00992	0.690658	1.15839	1.15839	0.747598	1.12601	1.12601	0.880047	1.88312	1.90204	1
cg08472753	RNF14;RNF14;RNF14;RNF14	0.577075	0.301637	0.7225	-1.38377	0.213744	0.730439	0.730439	0.162964	1.2435	1.2435	0.799	0.7499	-1.33335	0.951022	0.9885	-1.01128	0.545981	1.37275	1.37275	0.729414	1.24275	1.24275	0.704998	1.08221	1.08221	0.467575	0.618389	-1.62496	0.8348475	1.773123	1.802721	1
cg21533830	OSCAML1	0.577081	0.399585	1.89489	1.89489	0.113586	1.58263	1.58263	0.359675	2.000981	2.000981	0.227584	2.55695	2.55695	0.835598	1.16652	1.16652	0.309048	2.18211	2.18211	0.232936	2.52707	2.52707	0.324805	2.12472	2.12472	0.180726	2.86743	2.86743	0.880028	7.65694	7.73404	1
cg25114498	ETV5	0.5770109	0.14948	0.4888288	-2.27944	0.3191634	0.577052	-1.73081	0.214197	0.4986172	-2.00734	0.324188	0.581284	-1.72033	0.61007	0.7547224	-1.32528	0.136628	0.425523	-2.35005	0.521547	0.707095	-1.41364	0.7187	0.9139	-1.09411	0.423455	0.650031	-1.53839	0.8803013	3.95699	3.9997	1
cg03749393	USPL1	0.577097	0.298767	0.808442	-1.45806	0.655989	1.16998	1.16998	0.4	1.22765	1.22765	0.813954	0.98626	-1.01408	0.817854	1.22265	1.22265	0.687116	1.15232	1.15232	0.617448	0.794703	-1.25833	0.672265	1.16066	1.16066	0.0650216	1.484111	1.16066	0.8804774	0.880002	0.708575	0.73601	1
cg16385939	LOC728875	0.577098	0.431128	1.42859	1.42859	0.203692	1.8145	1.8145	0.0867292	0.431619	-2.31686	0.807181	1.11471	1.11471	0.705846	0.845016	-1.18341	0.521049	1.34913	1.34913	0.0958668	0.992054	-1.00801	0.982625	1.00972	1.00972	0.738029	1.16076	1.16076	0.8806001	2.74886	2.77663	1
cg05447226	MR134-2	0.5770125	0.451706	0.8054	-1.24158	0.4008	0.7455	-1.34133	0.3608	0.7455	0.7455	0.3608	0.40958	-2.44158	0.25158	0.28087	-3.5608	0.384086	0.2605	-3.84	0.2605	0.26034	0.26034	0.2605	0.2605	0.2605	0.2605	0.2605	0.2605	0.8804774	1.04782	1.04782	1
cg00152978	NEK3;NEK3;NEK3;NEK3	0.577107	0.8530053	1.05851	1.05851	0.473651	1.25042	1.25042	0.968151	1.01232	1.01232	0.157071	0.642585	-1.55621	0.336722	0.738058	-1.35491	0.103121	0.578836	-1.7276	0.422379	0.7777784	-1.2857	0.83317	1.06682	1.06682	0.642946	0.8666618	-1.15391	0.879987	1.33055	1.32381	1
cg04613479	HECW2	0.577144	0.607566	0.817155	1.017155	0.792288	0.8934645	-1.17143	0.6652785	1.288576	1.288576	0.7	1.18699	1.18699	0.231379	0.747211	-1.33855	0.728204	1.13069	1.13069	0.623166	1.78278	1.78278	0.437969	1.28403	1.088112	0.42643	0.851407	-1.18401	0.8802112	0.42643	0.851407	1
cg00428160	AGAP1;AGAP1	0.577156	0.756651	1.26261	1.26261	0.170402	2.9905	2.9905	0.0615425	4.85571	4.85571	0.74129	1.2822	1.2822	0.838933	1.17057	1.17057	0.770093	2.24593	2.24593	0.555152	0.639025	-1.56487	0.361383	2.02175	2.02175	0.589514	1.15485	1.15485	0.879973	7.84576	7.92525	1
cg21726284	HOXC8;HOXC8	0.5771158	0.918677	1.04533	1.04533	0.143699	1.9778	1.9778	0.861517	1.07874	1.07874	0.26518	1.65546	1.65546	0.641452	1.22579	1.22579	0.174476	1.87207	1.87207	0.504782	0.7454222	-1.34152	0.438715	1.40898	1.40898	0.218353	1.75427	1.75427	0.879969	2.6263	2.65292	1
cg08812692	CLK4	0.5771159	0.501745	1.23485	1.23485	0.3107781	1.31701	1.31701	0.380992	1.18225	1.18225	0.656105	1.18777	1.18777	0.653553	1.19225	1.19225	0.505027	1.49121	1.49121	0.505545	1.68764	1.68764	0.607808	1.85206	1.85206	0.511734	1.68416	1.68416	0.8816676	1.3342	1.34772	1
cg10053473	LRRC37A3	0.577129	0.312371	0.69047	-1.44842	0.139622	1.75685	1.75685	0.852918	1.06801	1.06801	0.867689	0.942605	-1.06089	0.150641	0.579201	-1.72652	0.995125	0.997837	-1.00217	0.875693	1.05706	1.05706	0.675084	0.861179	-1.1612	0.420394	0.7469	-1.33887	0.879953	1.75145	1.76924	1
cg26862768	NCRNA00095	0.5771178	0.768824	1.06734	1.06734	0.937163	0.915559	-1.09225	0.8516665	1.21665	1.21665	0.124486	0.8249899	-1.21207	0.167936	0.757207	-1.32049	0.410154	1.07274	1.07274	0.751765	1.17172	1.17172	0.757186	0.7959186	1.12585	1.12585	0.888756	1.12585	1.12585	0.8799759	0.958852	0.958852
cg24577609	LOC220115	0.5771627	0.271668	0.568843	-1.75796	0.158725	0.475823	-2.10162	0.21848	0.528275	-1.89295	0.970674	0.982039	-1.01829	0.107452	0.420555	-2.37781	0.522288	0.726357	-1.37673	0.482923	0.703594	-1.42127	0.790507	1.14027	1.14027	0.939763	0.963425	-1.03796	0.8799	1.38726	3.42187	1
cg08951903	ZNF239;ZNF239;ZNF239	0.5771725	0.71734	0.854816	-1.16984	0.706437	1.17735	1.17735	0.611708	1.24719	1.24719	0.930115	0.108557	1.03857	0.821899	0.907299	-1.10217	0.799227	1.11625	1.11625	0.074402	2.35778	2.35778	0.214544	0.5690442	-1.75734	0.438617	1.40618	1.40618	0.879479	2.59449	2.62105	1
cg10969205	SACM1L	0.5771802	0.2005602	0.5	-1.99999	0.2	0.698014	0.698014	0.222771	0.4012127	-2.49244	0.766468	1.32068	1.32068	0.176745	0.961653	-1.03992	0.2845572	0.7884359	-1.26839	0.149105	0.8503303	0.101172	-1.09869	0.7604504	0.9493444	-1.05336	0.507656	0.9219086	-1.08461	0.8798565	0.324008	0.327422	1
cg04098458	EPC2	0.5772021	0.2468314	0.741623	-1.34839	0.899692	1.03162	1.03162	0.42533	1.22256	1.22256	0.46108	0.8309198	-1.20349	0.423643	0.817334	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg11940219	FBXL19;NCRNA00095	0.577697	0.0476313	0.401501	-2.49065	0.77711	0.89197	-1.12111	0.539395	1.28424	1.28424	0.991311	0.995623	-1.01694	0.826872	0.915548	-1.09224	0.838868	0.920307	-1.08659	0.44445	0.59892	1.36892	0.653542	1.20037	1.20037	0.557625	-1.26982	0.87905	2.25894	2.28422	1
cg27253485	STARD8;STARD8;STARD8	0.5777	0.398077	0.65772	-1.5204	0.873385	0.92568	-1.08029	0.703549	1.20338	1.20338	0.996743	0.998026	-1.00198	0.238541	0.550033	-1.81807	0.07539065	0.383444	-2.60794	?	?	?	0.369107	0.630752	-1.56311	0.56116	0.752367	-1.32914	0.866712	2.86107	3.30106	1
cg14186779	GPSM1	0.577728	0.211351	0.353956	-2.82521	0.170965	0.316685	-3.15771	0.866782	0.875972	-1.14159	0.523367	0.600423	-1.66549	0.247076	0.384967	-2.59762	0.463688	0.555277	-1.8009	0.160898	0.306909	-3.25828	0.149762	0.295815	-3.38049	0.819129	0.834724	-1.198	0.879001	8.66057	8.758	1
cg17678877	MRPS9	0.577731	0.445759	2.2305	2.2305	0.860643	0.83413	-1.19385	0.761616	0.730497	-1.36893	0.414493	2.36539	2.36539	?	?	?	?	?	?	0.650599	1.60898	1.60098	0.182761	4.30273	4.30273	0.124481	1.56629	5.56629	0.85107	11.168	14.997	1
cg04209766	TRIM36;TRIM36	0.577745	0.94178	1.02899	1.02899	0.952119	0.976978	-1.02377	0.844954	0.926251	-1.07962	0.634659	1.20599	1.20599	0.591259	0.616439	-1.62222	0.79111	1.10946	1.10946	0.133866	0.528198	-1.89323	0.147141	0.544046	-1.83808	0.318913	0.668729	-1.49638	0.878974	2.13133	2.15537	1
cg19234089	SART1	0.577747	0.7657	0.915605	-1.09237	0.554743	0.838392	-1.19276	0.468919	0.804613	-1.24283	0.326106	0.741467	-1.34854	0.672537	0.72341	-1.38275	0.09709285	0.583055	-1.7151	0.229463	0.45069	2.21884	0.941704	0.45069	2.21884	0.941704	0.907028	-1.1025	0.964472	0.986945	-1.01323	0.887971	1.2217	1.22537	1
cg03078816	TSNARE1	0.577756	0.486053	0.801005	-1.24843	0.418237	0.771586	-1.29603	0.388198	1.31948	1.31948	0.30128	0.714806	-1.39898	0.879886	1.04855	1.04855	0.36567	0.747244	-1.33825	0.169597	1.58196	1.58196	0.63772	0.861838	-1.16031	0.549379	1.20913	1.20913	0.878957	1.36802	1.38348	1
cg13424608	PLXNA1	0.57776	0.301659	1.51209	1.51209	0.540737	0.790049	-1.26574	0.697668	1.03068	1.03068	0.580567	0.860162	-1.24068	0.20373	1.67929	1.67929	0.667151	1.18197	1.18197	0.051269	0.58001	-1.69776	0.618776	0.823797	-1.21389	0.184501	0.708549	-1.41153	0.878951	2.07846	2.10196	1
cg17997601	LSM12	0.577776	0.165578	0.779957	-1.28707	0.946217	0.988511	-1.01162	0.75856	0.948746	-1.05402	0.274309	0.82356	-1.21424	0.812992	1.04127	1.04127	0.496631	0.888885	-1.12501	0.584975	0.910178	-1.09869	0.535345	1.11307	1.11307	0.17479	1.27929	1.27929	0.87895	0.405411	0.409995	1
cg20940661	KCNS3	0.577763	0.853151	0.972883	-1.02787	0.556632	1.09222	1.09222	0.879993	1.02267	1.02267	0.354162	0.868113	-1.15192	0.993549	0.998801	-1.0012	0.934532	1.01226	1.01226	0.692401	1.06077	1.06077	0.228866	0.829145	-1.20606	0.084607	1.32711	1.32711	0.878945	0.30644	0.309906	1
cg11474532	DEPDC1B;DEPDC1B	0.577768	0.382361	1.22761	1.22761	0.814955	0.716602	-1.39506	0.443768	0.952188	1.05021	0.453149	0.94958	-1.05263	0.977998	1.32353	1.32353	0.544206	0.883932	1.13144	0.391038	0.739344	1.35238	0.739344	0.99383	1.00607	1.00607	0.228866	0.829145	-1.20606	0.084607	1.32711	1.32711	0.878945	0.30644	0.309906	1
	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SL																															
cg22330761	C29A1	0.577769	0.374379	0.350916	-2.84968	0.714618	1.52469	1.52469	0.567458	1.94216	1.94216	0.818313	0.767765	-1.30248	0.111157	0.136229	-7.34058	0.658268	0.599747	-1.66737	0.131166	0.153837	-6.5004	0.674736	1.62378	1.62378	0.667886	1.609122	-1.64171	0.878936	18.3625	18.5704	1
cg22361493	RPIB2	0.577771	0.622361	1.06211	1.06211	0.118581	0.814114	-1.22833	0.853259	0.977776	-1.02275	0.458828	1.09588	1.09588	0.589157	1.06842	1.06842	0.20086	1.17819	1.17819	0.848175	0.977004	-1.02354	0.807474	0.9708	-1.03008	0.349372	1.12404	1.12404	0.878932	0.205094	0.207417	1
cg04065206	LIBE3B;LIBE3B	0.577787	0.640264	1.27065	1.27065	0.402972	1.54582	1.54582	0.694622	0.818082	-1.22237	0.235741	1.88202	1.88202	0.510163	0.419809	-2.38204	0.702827	0.822779	-1.21539	0.489459	1.42948	1.42948	0.610609	0.770019	-1.29867	0.638537	0.786014	-1.27224	0.878908	3.605	3.64594	1
cg10042126	OIAD1;TMEM127	0.577789	0.307855	0.774841	-1.29099	0.65383	0.896655	-1.11526	0.973712	0.992068	-1.008	0.113229	0.930301	-1.51676	0.390294	0.80834	-1.23707	0.358245	0.795867	-1.25649	0.369355	0.802656	1.24958	0.916989	0.778797	-1.28403	0.361041	1.25473	1.25473	0.878905	0.832275	0.84227	1
cg22017726	DSC2;DSC2	0.577794	0.630604	1.2088	1.2088	0.836536	1.08421	1.08421	0.310994	0.66349	-1.50718	0.880524	0.942836	-1.06063	0.391507	0.709218	-1.41	0.912126	1.04415	1.04415	0.0789162	0.466002	-2.14591	0.381392	0.703728	-1.421	0.472783	1.13082	1.13082	0.878896	2.13205	2.15629	1
cg16123129	RBPMS;RBPMS;RBPMS;RBPMS;RBPMS	0.577804	0.910305	0.949897	-1.05275	0.598823	1.17293	1.17293	0.244647	1.74003	1.74003	0.665349	0.820432	-1.21869	0.975922	0.986359	-1.01383	0.798549	1.12344	1.12344	0.101623	0.442364	-2.26058	0.238805	0.570371	-1.75325	0.854322	1.08724	1.08724	0.878888	2.68298	2.91581	1
cg14088052	CCMC2;CCMC2;CCMC2;CCMC2	0.577809	0.278401	-1.09192	1.09192	0.344936	1.19156	1.19156	0.165356	1.50281	1.50281	0.855512	1.93091	1.93091	0.539733	1.24391	1.24391	0.953995	0.981634	-1.01907	0.672919	0.790794	-1.26455	0.883768	0.954086	-1.04812	0.848572	0.939385	-1.06453	0.878873	1.43694	1.45182	1
cg16556008	SLC30A7;EXTL2;EXTL2;SLC30A7	0.577821	0.649546	1.16424	1.16424	0.212556	1.54719	1.54719	0.492662	1.26064	1.26064	0.783819	0.912638	-1.09572	0.865228	1.05809	1.05809	0.442677	0.770901	-1.29718	0.690167	1.14247	1.14247	0.4173	1.31725	1.31725	0.0733436	1.94207	1.94207	0.878853	1.53806	1.55562	1
cg25444146	SLAIN1	0.577822	0.75727	1.05392	1.05392	0.901	0.970198	-1.03031	0.849703	0.968372	-1.03266	0.298945	1.20007	1.20007	0.205219	0.797375	-1.25412	0.517081	0.894091	-1.1177	0.228605	0.826961	-1.20925	0.388842	0.829834	-1.20506	0.343153	1.17992	1.17992	0.878852	0.399478	0.40404	1
cg23067438	SREBF2	0.577839	0.977839	0.995009	-1.00502	0.653734	1.08473	1.08473	0.126999	1.34621	1.34621	0.289922	1.21878	1.21878	0.158742	1.31172	1.31172	0.524502	1.12319	1.12319	0.942776	0.101301	0.940063	0.837985	-1.19334	0.967053	1.00747	1.00747	0.878825	0.451578	0.456749	1
cg21504361	HLA-DQA1	0.577842	0.240803	0.208801	-4.83556	0.157047	0.344566	2.90216	0.165098	0.612337	1.63346	0.612336	0.612356	1.63346	0.204966	0.6126	6.6126	0.404345	0.259446	3.85013	0.028405	0.176603	5.66128	0.553374	0.42948	2.32854	0.418521	0.206232	4.84892	0.878802	2.93438	2.98379	1
cg11150188	C7orf42	0.577845	0.194471	0.505637	-1.9777	0.898637	0.938646	-1.06536	0.863163	1.08949	1.08949	0.682051	1.22709	1.22709	0.377049	0.637409	1.56885	0.083122	0.385511	2.59396	0.75059	0.853476	-1.17168	0.846889	1.10081	1.10081	0.486299	1.42114	1.42114	0.878815	3.43564	3.47503	1
cg14604568	PDE1C	0.577851	0.645124	1.20275	1.20275	0.742406	1.14031	1.14031	0.161261	0.551236	-1.81411	0.662532	1.19101	1.19101	0.203822	1.09317	1.09317	0.099237	0.487035	-2.05124	0.750259	0.880623	-1.13556	0.703699	1.1643	1.1643	0.513967	1.30146	1.30146	0.878806	2.20573	2.23104	1
cg05982706	GGT1	0.577852	0.311082	1.49784	1.49784	0.492014	0.690224	-1.45449	0.31097	0.659157	1.83882	-1.69425	0.5	1.83882	0.183804	0.5	2.00181	0.245645	0.647094	-1.54537	0.281817	0.564006	-1.77243	0.424143	-2.36327	0.667508	0.803306	1.24486	0.878804	1.577	1.61485	1
cg01929855	JAKMIP1;JAKMIP1	0.577856	0.999362	0.999637	-1.00036	0.0746672	2.46633	2.46633	0.514515	1.35055	1.35055	0.691414	1.19888	1.19888	0.356183	1.53951	1.53951	0.377919	1.50879	1.50879	0.122506	2.14008	2.14008	0.869647	1.07753	1.07753	0.889343	0.93867	-1.06534	0.878798	2.87683	2.90986	1
cg06727412	ABHD15;TPS3I13	0.577859	0.967904	0.963868	-1.03749	0.833844	1.1455	1.1455	0.464837	1.74418	1.74418	0.926089	1.02798	1.02798	0.386744	1.32611	1.32611	0.716483	1.10216	1.10216	0.489096	1.643773	1.643773	0.183515	0.731961	1.08633	0.673383	0.920628	-1.10787	0.878786	0.82267	0.822012	1
cg02956699	PTPRN2;PTPRN2;PTPRN2	0.577864	0.965947	0.986552	-1.01363	0.616334	0.850901	-1.17522	0.414681	0.765746	-1.30268	0.457839	0.786817	-1.27094	0.674403	1.14339	1.14339	0.440602	1.23827	1.23827	0.13785	1.65986	1.65986	0.292525	1.44795	1.44795	0.479922	0.796328	-1.25576	0.878785	1.39881	1.4159	1
cg12531767	TAZ;TAZ;TAZ;TAZ;TAZ	0.577873	?	?	?	?	?	?	0.499912	0.51691	0.51691	0.353443	13.7185	13.7185	0.581786	0.218396	-4.57883	?	?	?	0.325638	16.2045	16.2045	0.490722	6.7953	6.7953	0.305127	0.0541745	-18.4589	0.837003	64.5211	89.9336	1
cg20245116	PCSK9	0.577887	0.412777	0.626016	-1.5974	0.349299	1.71418	1.71418	0.326087	1.76323	1.76323	0.329803	0.968372	-1.03266	0.298945	1.20007	1.20007	0.205219	0.797375	-1.2512	0.56165	0.720182	-1.38854	0.719883	1.21823	1.21823	0.149172	1.21592	1.21592	0.87876	4.35462	4.40471	1
cg06021990	FLT3	0.577881	0.732301	0.831409	-1.20278	0.958114	0.972678	-1.02809	0.123977	0.408284	-2.44927	0.718255	0.822977	-1.2151	0.052485	0.305926	-3.26876	0.896087	0.932147	-1.07279	0.504596	0.694821	-1.43922	0.929675	1.04861	1.04861	0.81179	0.879615	-1.13686	0.878759	2.40423	4.07062	1
cg07388092	NKX2-5;NKX2-5;NKX2-5	0.577883	0.473131	0.8264	-1.21014	0.914158	0.944232	-1.0572	0.741888	1.18318	1.18318	0.556098	0.882482	-1.04739	0.889882	0.484355	-2.06419	0.756952	0.900707	-1.11044	0.526583	0.730497	-1.36901	0.586275	0.715565	-1.39759	0.641569	0.539845	-1.85228	0.878848	4.04269	4.12373	1
cg15961105	KIAA0748;KIAA0748	0.577924	0.471733	0.65598	-1.52444	0.926765	0.948427	-1.05438	0.853919	0.899284	-1.112	0.800671	1.15686	1.15686	0.156403	0.417615	-2.39455	0.284818	0.527353	-1.89626	0.293318	0.533729	-1.87361	0.106999	0.362966	-2.75508	0.713184	2.36094	1.23694	0.87869	-1.61652	4.67011	1
cg13703714	CDL11A2;CDL11A2;CDL11A2;CDL11A2	0.577911	0.425484	0.473173	-2.11339	0.652375	1.51732	1.51732	0.587409	0.689404	-1.45053	0.353623	2.40498	2.40498	0.081809	0.169846	-5.88769	0.813532	1.24267	1.24267	0.554752	1.73212	1.73212	0.846222	1.19546	1.19546	0.410078	0.460892	-2.1697	0.878868	11.7656	11.9023	1
cg25008704	WNT2B KIAA1191;KIAA1191;KIAA1191;KIAA119 1	0.577948	0.461314	0.863338	-1.15829	0.536396	1.13052	1.13052	0.744836	1.06608	1.06608	0.18344	0.7584	-1.31857	0.754918	0.940488	-1.06328	0.433482	0.855041	-1.16953	0.138323	0.731508	-1.36704	0.40882	0.847447	-1.18001	0.47099	1.15452	1.15452	0.878652	0.53426	0.540485	1
cg21605986	LJKIAA1191;KIAA1191	0.577956	0.27081	1.24696	1.24696	0.615905	1.10227	1.10227	0.436496	1.16511	1.16511	0.126132	1.36139	1.36139	1.37515	0.495338	1.14148	1.14148	0.675332	1.08447	1.08447	0.712171	1.07394	1.07394	0.810577	1.04731	1.04731	0.2380288	1.49619	1.49619	0.878639	0.515676	0.521691	1
cg09178970	VPS37B PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.577956	0.39375	2.11404	2.11404	0.462034	1.89954	1.89954	0.513424	0.566693	-1.76462	0.698545	1.39584	1.39584	0.436613	0.50658	-1.97402	0.079723	0.188977	-5.29164	0.887142	1.1294	1.1294	0.592794	0.629649	-1.58819	0.548769	0.594567	-1.6819	0.878639	10.2189	10.3381	1
cg03120555	PRKAR1B;PRKAR1B	0.577962	0.246629	0.320468	-3.12004	0.4453	0.481509	-2.0768	0.393745	0.440191	-2.27174	0.929377	0.92011	-1.08683	0.110714	0.195457	-5.1162	0.309262	0.372187	-2.68682	0.184662	0.266542	-3.75175	0.290959	0.357248	-2.79717	0.238473	0.331579	-3.18899	0.87863	12.277	12.4203	1
cg04105547	UMF1	0.577974	0.205488	1.23981	1.23981	0.124841	1.28437	-1.28437	0.150062	1.10293	1.10293	0.877296	0.97053	-1.03033	0.138619	0.173751	-5.76011	0.283553	1.1824	1.1824	0.16733	0.5048	-1.98107	0.133483	0.19085	-5.24008	0.669797	1.06664	1.06664	0.790668	0.960777	-1.04082	0.87861	0.31477	0.318452	1
cg25103850	TCF4;TCF4	0.577995	0.244444	0.755695	-1.32329	0.614953	0.889873	-1.12376	0.745972	0.927951	-1.07764	0.113406	0.689063	-1.45125	0.591639	0.88287	-1.13267	0.190559	0.726973	-1.37557	0.571715	1.1405	1.1405	0.803102	0.944149	-1.05915	0.410802	1.21347	1.21347	0.878577	0.736367	0.74501	1
cg12657041	ANO6;ANO6;NLC7A	0.578002	0.827892	0.929444	-1.07566	0.338449	0.918834	-1.08834	0.588855	0.83078	-1.20378	0.954397	0.92714	-1.07911	0.427134	0.941826	-1.06155	0.608617	0.817562	-1.2235	0.926987	1.04093	1.04093	0.91497	0.736161	-1.35836	0.792561	1.13155	1.13155	0.878549	1.03939	1.04961	1
cg08586228	SPSB3;NUBP2 ADAM15;ADAM15;ADAM15;ADAM15;	0.578028	0.903523	0.968327	-1.03207	0.950993	1.01613	1.01613	0.862511	1.04616	1.04616	0.128209	0.845368	1.5495	0.981739	0.994076	-1.00596	0.212403	0.710416	-1.40763	0.267657	1.35065	1.35065	0.477613	0.126578	1.12078	1.12078	0.625494	1.13661	1.13661	0.878525	0.63689	0.953991	1
cg13383912	ADAM15;ADAM15	0.578039	0.336008	0.502928	-1.98835	0.284745	2.15942	2.15942	0.767335	0.814195	-1.22821	0.497742	0.620691	-1.61111	0.0761525	0.254833	-3.92414	0.403072	0.55276	-1.8091	0.976468	0.979772	-1.02065	0.657191	0.733851	-1.36267	0.571108	0.67262	-1.48672	0.878508	6.67854	6.75745	1
cg07563400	ADORA2B	0.578047	0.432204	0.692246	-1.44457	0.074534	0.353453	-2.82923	0.743134	0.859938	-1.16287	0.760326	0.869013	-1.15073	0.277243	0.595399	-1.67955	0.704677	0.839685	-1.19092	0.269886	0.590262	-1.69416	0.332961	0.632374	-1.58134	0.974404	0.985386	-1.01483	0.878495	2.92058	2.96424	1
cg20563384	TTLL13	0.578048	0.804074	0.897638	-1.11454	0.707019	1.17827	1.17827	0.750357	0.870496	-1.14877	0.546261	1.30381	1.30381	0.434117	0.811959	-1.23159	0.895517	1.05873	1.05873	0.460132	2.80429	2.80429	0.194359	1.15009	1.15009	0.93566	1.45925	1.45925	0.878493	2.62655	2.65723	1
cg06955321	ZIC3	0.578051	0.219328	0.761742	-1.68268	0.492826	0.379919	-2.63438	0.207662	0.278407	-3.59308	0.124538	0.890728	-1.12268	0.172875	0.75739	-1.75739	0.230628	0.169295	-5.90685	0.576283	0.688748	-1.46055	0.476283	0.958884	-1.04288	0.970415	1.05377	1.05377	0.878489	27.753	28.1816	1
cg24113848	PYTTD1;FYTTD1;FYTTD1;KIAA0226	0.578058	0.787211	0.79158	-1.2633	0.334488	0.423227	-2.3628	0.178945	0.143286	0.839883	2.58296	2.58296	0.109625	2.51029	2.51029	0.271828	0.372269	-2.68623	0.825681	1.20991	0.868359	1.15407	1.15407	0.939672	1.06757	1.06757	0.878477	0.10825	0.10556	1
cg08063899	PRR3;GNL1;PRR3;GNL1	0.578062	0.253228	0.8651	-1.15602	0.775	0.913367	-1.0958	0.514869	0.867367	-1.1158	0.514869	0.867367	-1.1537	0.514869	0.867367	-1.1537	0.2179	0.6727	1.3035	0.16365	0.2179	-4.58888	0.6727	1.03272	-1.04144	0.665656	1.02028	-1.48166	0.878836	0.870787	-1.44883	0.853241	0.854653	1
cg03524836	SPRS15;SPRS15;SPRS15	0.578066	0.220208	0.514198	-1.94478	0.636936	0.782448	-1.27804	0.0720657	0.354867	-2.81796	0.79702	1.14225	1.14225	0.615393	0.769983	-1.29873	0.221761	0.515465	-1.94	0.665906	0.79919	-1.25127	0.696383	1.22427	1.22427	0.951347	1.03199	1.03199	0.878465	3.70457	3.74853	1
cg25119743	CUGBP2;CUGBP2	0.578079	0.777639	0.77374	-1.29555	0.598222	0.67444	0.67444	0.437002	0.26509	2.06509	0.936917	1.07506	1.07506	0.289817	0.96114	-1.04078	0.838588	1.20507	1.20507	0.783608	1.077425	-1.2863	0.619437	0.74102	1.5158	1.5158	0.766269	0.761691	1.13155	1.13155	0.878462	11.6373	11.7757	1
cg14661383	OBSCN;OBSCN	0.578087	0.659556	0.814063	-1.22841	0.623785	0.807929	-1.23773	0.805908	0.810981	0.92001	0.140985	0.810981	0.92001	0.140985	0.810981	0.92001	0.63754	1.22721	1.22721	0.704293	0.364281	-2.74514	0.745094	0.868714	-1.15113	0.589825	1.26466	1.26466	0.878431	1.58948	2.62031	1
cg16448960	SON;SON;GART;GART;GART;GART	0.578094	?	?	?	?	?	?	0.349703	2.25298	2.25298	0.475236	1.84031	1.84033	?	?	?	?	?	?	0.776362	1.26875	1.26875	0.330706	0.428434	-2.33408	0.77787	3.63591	7.01127	1
cg04839673	PGM1	0.578097	0.470303	0.69638	-1.43668	0.695185	0.749882	-1.33354	0.804736	1.18949	1.18949	0.9741	1.5145	1.5145	0.410421	0.273226	-3.65997	0.159074	0.30451	-3.28344	0.0415	0.151477	6.60145	0.317509	0.107852	1.07852	0.832137	1.16784	1.16784	0.878414	7.43322	7.52186	1
cg04230901	SNORA14B;TOMM20	0.578101	0.420132	1.38417	1.38417	0.880221	0.94222	-1.06132	0.276153	0.639474	-1.56379	?	?	?	0.537149	1.27973	1.27973	0.429745	1.37457	1.37457	0.247093	0.62022	-1.61233	0.684464	1.17499	1.17499	0.27279	1.56911	1.56911	0.866062	1.89943	2.19318	1
cg12193978	ALOXE3;ALOXE3	0.578102	0.403731	0.8264	-1.21014	0.914158	0.944232	-1.0572	0.741888	1.18318	1.18318	0.556098	0.882482	-1.04739	0.889882	0.484355	-2.06419	0.756952	0.900707	-1.11044	0.526583	0.730497	-1.36901	0.586275	0.715565	-1.39759	0.641569	0.539845	-1.85228	0.878483	4.04269	4.12373	1
cg06127541	RRAS2;RRAS2	0.578118	0.211775	0.43154	-2.31728	0.359433	0.547715	-1.82577	0.45135	0.612461	-1.63275	0.944649	1.04536	1.04536	0.0470586	0.234104	-4.27161	0.761023	0.822929	-1.21517	0.528687	0.665123	-1.50348	0.576817	0.697553	-1.43358	0.990725	1.00745	1.00745	0.878382	0.67828	0.5462	1
cg25820257	RTN2;RTN2;RTN2	0.578182	0.838116	0.16438	1.16438	0.254083	0.242544	2.42544	0.209955	0.6723	1.6723	0.807483	1.19916	1.19916	0.723955	0.768119	-1.30188	0.200669	0.23338	4.28443	0.233338	0.033696	29.6825	0.213161	0.53161	0.191923	3.35265	3.35265	0.62086	1.44909	1.44909	0.878378	1.60966	7.79178	1
cg08506869	KIAA0146	0.578125	0.838887	0.973015	-1.02763	0.966	0.97599	-1.02459	0.756865	0.840126	-1.1903	0.677211	1.01853	1.01853	0.247255	0.754648	-1.3953	0.483368	0.632556	-1.58089	0.274752	0.481658	-2.07616	0.482353	0.782037	-1.27866	0.378836	0.870787	-1.44883	0.853241	0.854653	1.08724	1
cg04309227	CCDC21	0.578127	0.368485	1.10475	1.10475	0.60923	0.945917	-1.05717	0.57387	0.940561	-1.0632	0.551557	0.937101	-1.06712	0.740024	1.03656	1.03656	0.517783	1.07328	1.07328	0.0607539	0.796134	-1.25607	0.694337	0.958301	-1.04351	0.992514	1.00101	1.00101	0.878368	0.161795	0.163733	1
cg11045814	TNIP1	0.578134	0.647234	1.44642	1.44642	0.115579	0.784035	-1.3936	0.818404	0.820004	-1.32476	0.502787	1.72426	1.72426	0.529594	0.57115	-1.75115	0.677883	1.90741	1.90741	0.0369397	0.299319	-3.29293	0.645691	0.815041	1.05458	1.05458	0.948227	0.933125	1.00954	1.00954	0.878334	8.927	9.03421	1
cg04847275	CLMN	0.578153	0.201106	0.410128	-2.43826	0.31457	0.503318	-1.98681	0.937101	1.05348	1.05348	0.75197	0.811149	-1.23282	0.236727	0.441146	-2.26682	0.291113	0.485212	-2.06096	0.894963	0.290527	-3.44202	0.330151	0.515112	-1.94133	0.517676	0.548576	-1.54184	0.878327	0.60202	0.63492	1
cg26151740	CNOT3;CNOT3	0.578163	0.827524	1.07361	1.07361	0.822076	0.929311	-1.07607	0.12842	1.7073	1.7073	0.82689	1.07389	1.07389	0.980686	0.992151	-1.00791	0.200786	1.55243	1.55243	0.5045	0.802158	-1.24664	0.164756	1.61999	1.61999	0.439436	1.29262	1.29262	0.878311	1.47381

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg25237118	SELT;SELT	0.578548	0.388364	0.891958	-1.12113	0.206483	0.841704	-1.18807	0.686027	0.948797	-1.05397	0.471857	0.909693	-1.09927	0.380039	0.890066	-1.12351
cg24845165	LPIN3	0.578551	0.727174	0.923207	-1.08318	0.397515	0.820679	-1.2185	0.168109	0.715277	-1.39806	0.140152	0.696237	-1.43629	0.507705	1.16568	1.16568
cg01104489	PRDM16;PRDM16	0.578553	0.580492	0.839913	-1.1906	0.88196	1.04753	1.04753	0.652377	0.867869	-1.15225	0.878132	0.953177	-1.04912	0.67021	0.874696	-1.14325
cg18922524	HOXC4;HOXC4	0.578554	0.427724	0.89269	-1.12021	0.206363	1.20545	1.20545	0.597983	1.07745	1.07745	0.929707	1.01245	1.01245	0.146705	1.24404	1.24404
cg02054252	FMNL3;FMNL3	0.578554	0.60865	0.702431	-1.42363	0.747018	0.801419	-1.24779	0.139201	0.336695	-2.97005	0.558701	1.49852	1.49852	0.937352	1.05524	1.05524
cg17647904	NCOR2;NCOR2	0.578577	0.254142	0.749997	-1.33334	0.870168	1.04031	1.04031	0.428744	1.21552	1.21552	0.692981	0.908584	-1.10061	0.228377	0.736802	-1.35722
cg14489933	LIMS2;LIMS2;LIMS2;LIMS2	0.578582	0.73614	1.09414	1.09414	0.630417	0.879006	-1.13765	?	?	?	0.231706	1.39611	1.39611	0.667457	1.12185	1.12185
cg22598563	P4HA2;P4HA2;P4HA2;P4HA2;P4HA2	0.578585	0.426256	1.3043	1.3043	0.609199	1.18365	1.18365	0.570089	1.20646	1.20646	0.837929	0.935219	-1.06927	0.27487	0.689698	-1.44991
cg16811455	KCNQ1;KCNQ1	0.578587	0.546234	0.814566	-1.22765	0.11384	0.561148	-1.78206	0.347774	0.722753	-1.3836	0.763788	0.903732	-1.10652	0.102828	0.549128	-1.82107
cg00980319	MMEL1	0.578587	0.510326	0.66519	-1.50333	0.866975	0.902715	-1.10777	0.867527	1.10729	1.10729	0.134998	2.67437	2.67437	0.591864	0.718629	-1.39154
cg06295856	CALCA;CALCA;CALCA	0.578594	0.517827	1.66032	1.66032	0.63534	1.44689	1.44689	0.881713	1.12203	1.12203	0.847531	0.861698	-1.1605	0.269387	0.410884	-2.43377
cg17237881	BIRC7;BIRC7	0.578596	0.787606	0.937051	-1.06718	0.527675	0.857217	-1.16657	0.106658	0.654335	-1.52827	0.871663	1.03969	1.03969	0.188068	0.714741	-1.39911
cg04846203	MPZL1;MPZL1;MPZL1	0.578598	0.965544	1.01699	1.01699	0.166874	1.77701	1.77701	0.929492	1.03513	1.03513	0.120561	1.92872	1.92872	0.27508	0.642114	-1.55736
cg07990395	FGF13;FGF13;FGF13;FGF13;FGF13;FGF13	0.5786	0.236615	0.217133	-4.60547	0.875453	1.2131	1.2131	0.838684	1.28538	1.28538	0.230518	4.70785	4.70785	0.515474	2.2528	2.2528
cg20396423	EPN2;EPN2;EPN2	0.578611	0.573857	1.23472	1.23472	0.440914	0.747063	-1.33857	0.742782	0.884979	-1.12997	0.281431	0.660095	-1.51493	0.0584166	0.452273	-2.21105
cg08725904	POLS	0.578629	0.79419	1.07977	1.07977	0.469066	1.2414	1.2414	0.188376	1.50555	1.50555	0.542788	0.834561	-1.19823	0.824703	1.06729	1.06729
cg07179981	C7orf20	0.578632	0.687278	1.32653	1.32653	0.642752	1.38566	1.38566	0.0436747	5.04956	5.04956	0.762703	1.23546	1.23546	0.865721	0.88854	-1.12544
cg10841343	ORMDL2;SARNP;SARNP;SARNP	0.578635	0.978922	0.994661	-1.00537	0.709665	1.07873	1.07873	0.958115	1.0107	1.0107	0.534716	0.880373	-1.13588	0.227052	0.773368	-1.29305
cg01498832	RPTOR;RPTOR	0.578639	0.926522	0.937293	-1.0669	0.108597	3.41697	3.41697	0.112553	3.36293	3.36293	0.613537	0.699398	-1.4298	0.652695	1.37443	1.37443
cg21666957	MUC5B	0.57866	0.611898	0.857201	-1.16659	0.675963	0.881095	-1.13495	0.267979	1.4155	1.4155	0.957323	0.984013	-1.01625	0.264488	0.704518	-1.41941
cg13954461	CSNK1G2	0.578664	0.602322	0.774757	-1.29073	0.828797	0.900208	-1.11085	0.63118	1.26467	1.26467	0.919973	0.952386	-1.04999	0.312032	0.60188	-1.66146
cg02328758	NLGN1	0.578672	0.820191	1.09583	1.09583	0.821693	1.09497	1.09497	0.312583	1.52175	1.52175	0.618754	1.22341	1.22341	0.78842	0.897523	-1.11418
cg01584448	HEATR3	0.578691	0.224207	0.65736	-1.52124	0.675685	0.870884	-1.14826	0.917715	0.966615	-1.03454	0.567119	1.20934	1.20934	0.150954	0.603072	-1.65818
cg25453664	FRMD4A	0.578704	0.766935	1.11692	1.11692	0.48205	1.30452	1.30452	0.416336	1.36214	1.36214	0.0573243	2.22543	2.22543	0.21949	1.6167	1.6167
cg01500097	AKD1;FIG4;AKD1	0.578727	0.568839	0.748365	-1.33625	0.56846	1.33663	1.33663	0.257386	1.81297	1.81297	0.366167	1.59573	1.59573	0.892361	0.934121	-1.07053
cg14946105	ALOXE3;ALOXE3	0.578738	0.269076	1.55568	1.55568	0.461397	1.33361	1.33361	0.640267	1.19806	1.19806	0.703744	1.15799	1.15799	0.475763	1.32104	1.32104
cg00992659	RCC2;RCC2	0.57874	0.52635	1.12541	1.12541	0.901199	0.977402	-1.02312	0.647719	1.08835	1.08835	0.853623	0.966582	-1.03457	0.0720188	1.4471	1.4471
cg05768669	PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCBP2	0.578741	0.596484	0.769435	-1.29965	0.851618	0.912242	-1.0962	0.548426	0.742404	-1.34698	0.213567	1.9011	1.9011	0.190522	1.9738	1.9738
cg24635951	STK32C	0.578748	0.762615	1.09159	1.09159	0.717339	1.1109	1.1109	0.842734	0.944157	-1.05915	0.669195	1.13239	1.13239	0.244135	0.702927	-1.42262
cg08204571	PSMG4;PSMG4;PSMG4	0.578758	0.26838	0.727799	-1.37401	0.79934	0.932203	-1.07273	0.171705	1.49334	1.49334	0.990029	0.996562	-1.00345	0.894567	1.03722	1.03722
cg06750076	VOPP1	0.578765	0.712549	1.12766	1.12766	0.494538	1.25258	1.25258	0.890462	1.04575	1.04575	0.649506	1.16013	1.16013	0.853358	0.941698	-1.06191
cg25023761	MIR320B1	0.578767	0.5714	1.34122	1.34122	0.23314	1.8997	1.8997	0.813399	0.885705	-1.12904	0.629662	1.28325	1.28325	0.0835197	0.374101	-2.67308
cg09549726	GABRB3;GABRB3	0.578768	0.574525	0.802283	-1.24644	0.603355	0.815805	-1.22578	0.0733389	0.460473	-2.17168	0.341135	0.683203	-1.46369	0.954245	0.977962	-1.02253
cg08884420	LOC100329108;GCSH;GCSH	0.578774	0.424106	1.24122	1.24122	0.339588	1.29763	1.29763	0.436883	1.23361	1.23361	0.59703	0.86829	-1.15169	0.600604	1.15008	1.15008
cg24008893	MAP4K3	0.578785	0.766076	0.912262	-1.09618	0.925999	1.02901	1.02901	0.469444	1.25422	1.25422	0.848496	0.942835	-1.06063	0.378412	0.757187	-1.32068
cg10454514	CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2;CHRM2	0.578785	0.651239	1.08979	1.08979	0.479756	0.87307	-1.14538	0.520684	0.884252	-1.1309	0.882869	1.02825	1.02825	0.143927	1.34534	1.34534
cg24023194	AFAP1;AFAP1	0.578786	0.599156	0.886099	-1.12854	0.200176	0.73452	-1.36143	0.857751	1.04175	1.04175	0.874935	1.03656	1.03656	0.173794	1.39086	1.39086
cg06380352	BANP;BANP	0.57879	0.739681	1.14829	1.14829	0.273358	1.6043	1.6043	0.918099	0.958246	-1.04357	0.4905	1.33699	1.33699	0.49129	0.748357	-1.33626
cg15023646	AP3M1;AP3M1	0.5788	0.339093	1.67078	1.67078	0.329421	0.591956	-1.68932	0.293313	0.566724	-1.76453	0.549671	1.37071	1.37071	0.21065	1.98796	1.98796
cg21387465	EFR3B	0.578819	0.895667	1.01985	1.01985	0.347545	1.15595	1.15595	0.301018	1.17418	1.17418	0.754012	0.953993	-1.04823	0.60111	1.08224	1.08224
cg07112556	OBFC1	0.57882	0.435064	0.460101	-2.17343	0.320445	2.7202	2.7202	0.201012	3.72998	3.72998	0.583491	0.582894	-1.71558	0.147202	0.219543	-4.55492
cg02229775	CACNG4	0.578831	0.98065	1.00339	1.00339	0.937472	0.989121	-1.011	0.697402	0.946979	-1.05599	0.0767194	0.759969	-1.31584	0.320715	0.866714	-1.15378
cg20242379	SLC8A2	0.578837	0.962331	0.942283	-1.06125	0.276601	4.15566	4.15566	0.123122	8.18686	8.18686	0.418201	2.83292	2.83292	0.572692	0.487972	-2.0493
cg12305074	MAGI2	0.578869	0.873786	1.06511	1.06511	0.637425	0.828309	-1.20728	0.227552	0.604942	-1.65305	0.834186	1.08673	1.08673	0.212536	0.593935	-1.68369
cg12522311	NFIX	0.578874	0.562752	0.733257	-1.36378	0.992047	0.994729	-1.0053	0.356008	1.65432	1.65432	0.706715	1.22192	1.22192	0.215124	0.50065	-1.9974
cg25211938	PANX2;PANX2;PANX2	0.578887	0.934918	1.02444	1.02444	0.321178	1.35393	1.35393	0.182501	1.51932	1.51932	0.51668	0.823345	-1.21456	0.337449	0.746501	-1.33958
cg22762076	ZNF557;ZNF557;ZNF557;ZNF557;ZNF557;ZNF557	0.578894	0.753015	0.956402	-1.04559	0.996541	1.00061	1.00061	0.261674	1.17973	1.17973	0.93332	0.988253	-1.01189	0.24536	1.18719	1.18719
ch.22.78028F	HIRA	0.578897	0.320916	0.683223	-1.46365	0.53517	1.26273	1.26273	0.444741	1.3356	1.3356	0.745463	1.12862	1.12862	0.327406	0.686926	-1.45576
cg17740541	KIF4A;PDZD11	0.578899	0.395639	0.29834	-3.35188	0.104329	0.0846953	-11.807	0.587998	0.467437	-2.13932	0.404396	3.27465	3.27465	0.441715	2.97632	2.97632
cg17411681	ARL5A;ARL5A;ARL5A	0.5789	0.394474	1.0869	1.0869	0.798696	1.02472	1.02472	0.957217	1.00514	1.00514	0.715932	0.965685	-1.03553	0.193668	0.876863	-1.14043
cg11351837	SLC46A1	0.578902	0.885678	1.07684	1.07684	0.441766	1.49729	1.49729	0.279826	1.78277	1.78277	0.667219	1.24933	1.24933	0.529162	0.720302	-1.38831
cg07945480	GRK4;GRK4;GRK4;NOP14	0.57891	0.884363	0.968531	-1.03249	0.707114	1.08647	1.08647	0.589411	1.12717	1.12717	0.687783	0.915066	-1.09282	0.664352	1.10067	1.10067
cg00538420	IRS4	0.578911	0.0466205	0.180684	-5.53452	0.516211	0.609998	-1.63935	0.511424	0.606461	-1.64891	0.754065	1.26617	1.26617	0.922897	0.929884	-1.0754
cg05575217	ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1;ADARB1	0.578919	0.118438	0.469624	-2.12936	0.597243	1.26841	1.26841	0.528238	1.32966	1.32966	0.573726	0.776107	-1.28848	0.309212	0.625472	-1.59879
cg06620723	VPS13D;VPS13D	0.578924	0.444035	1.67448	1.67448	0.520273	1.53809	1.53809	0.563102	1.4714	1.4714	0.907269	1.08002	1.08002	0.259094	0.459408	-2.17671
cg24855956	SLC45A4	0.578945	0.472737	0.773241	-1.29326	0.633403	0.844345	-1.18435	0.180342	0.605956	-1.65029	0.238956	0.647738	-1.54383	0.0814517	0.506598	-1.97395
cg05355436	C10orf107	0.578949	0.324089	0.5702	-1.75377	0.642289	1.29439	1.29439	0.887336	0.924782	-1.08134	0.344931	0.584728	-1.7102	0.718562	0.819033	-1.22095
cg07402337	MTDH	0.578949	0.387517	1.61544	1.61544	0.89785	0.932816	-1.07202	0.642183	0.776174	-1.28837	0.331047	1.72128	1.72128	0.513324	0.698403	-1.43184
cg08496503	RPL26	0.57895	0.873703	1.10511	1.10511	0.978353	1.01719	1.01719	0.530317	0.67024	-1.492	0.80973	1.16366	1.16366	0.396088	0.578152	-1.72965
cg14947787	GPX2	0.578951	0.545339	0.646289	-1.54729	0.115896	3.38289	3.38289	0.12187	3.30649	3.30649	0.65798	0.727786	-1.37403	0.99158	0.992502	-1.00755
cg17787159	PNMAL1;PNMAL1	0.578951	0.377099	1.44616	1.44616	0.798053	0.900897	-1.11001	0.875591	0.938218	-1.06585	0.355047	1.47293	1.47293	0.457675	1.36049	1.36049
cg17672031	CAPN1	0.578969	0.582694	0.91093	-1.09778	0.458188	0.880738	-1.13541	0.183904	0.788998	-1.26743	0.671618	0.930823	-1.07432	0.13138	0.760472	-1.31497
cg05293775	DUSP26	0.578971	0.393637	1.17155	1.17155	0.958679	1.00943	1.00943	0.190956	1.2852	1.2852	0.678423	0.927234	-1.07848	0.998981	0.999769	-1.00023
cg00486627	CACNA2D2;CACNA2D2	0.578972	0.25992	3.2425	3.2425	0.750424	1.37373	1.37373	0.229443	3.53779	3.53779	?	?	?	0.484604	2.03011	2.03011
cg17370322	ABCC4;ABCC4	0.578974	?	?	?	0.772822	1.29017	1.29017	0.581965	1.6322	1.6322	0.23231	3.03482	3.03482	0.511185	1.7996	1.7996
cg21922574	NETO1	0.578974	0.86111	1.04999	1.04999	0.978239	0.992431	-1.00763	0.655195	1.13338	1.13338	0.184749	1.4797	1.4797	0.919649	1.02851	1.02851
cg09355292	KCNH8	0.578982	0.25167	0.753515	-1.32711	0.576357	0.875122	-1.1427	0.326362	1.27057	1.27057	0.150846	0.695006	-1.43884	0.616677	0.887572	-1.12667
cg00506935	AEN	0.578982	0.494721	0.738942	-1.35329	0.623335	1.24109	1.24109	0.803667	0.897013	-1.11481	0.7249	1.16669	1.16669	0.309153	0.631767	-1.58286
cg07520752	SAMD5	0.578982	0.220811	1.18824	1.18824	0.336767	1.14191	1.14191	0.0929115	1.28109	1.28109	0.844437	1.02667	1.02667	0.247505	1.17587	1.17587
cg00427553	IFT140	0.578983	0.280075	0.71043	-1.4076	0.799192	0.925319	-1.08071	0.762209	1.0968	1.0968	0.898745	1.03952	1.03952	0.380981	1.3147	1.3147
cg26359204	NKX6-1	0.578996	0.329235	0.739295	-1.35264	0.399286	0.771933	-1.29545	0.0993741	0.581667	-1.7192	0.518657	0.821782	-1.21687	0.309817	1.37063	1.37063
cg05697539	MACROD1	0.578997	0.201253	0.242968	-4.11576	0.904917	1.13345	1.13345	0.865316	0.836981	-1.19477	0.627737	0.59915	-1.66903	0.0772197	0.127523	-7.84173
cg12937950	AHRR	0.578999	0.798963	0.891455	-1.12176	0.645696	0.811869	-1.23173	0.243886	0.577574	-1.73138	0.341599	0.64328	-1.55453	0.419568	0.68984	-1.44961
cg25016907	RDBP;SKIV2L;SKIV2L;RDBP	0.579002	0.406021	0.753146	-1.32776	0.378572	1.35158	1.35158	0.808829	1.08419	1.08419	0.178722	1.61032	1.61032	0.221103	0.651185	-1.53566
cg02622956	LOC100128164;SEC62;LOC100128164	0.579002	0.370088	1.11356	1.11356	0.505018	0.923996	-1.08226	0.284065	0.878051	-1.13889	0.378987	1.11124	1.11124	0.874599	0.981713	-1.01863
cg04730768	CHAT	0.579005	0.581237	1.30328	1.30328	0.873274	1.07885	1.07885	0.129466	0.458909	-2.17908	0.660913	1.23353	1.23353	0.3191	1.63161	1.63161
cg04961866	CCDC64B	0.579023	0.105601	0.628749	-1.59046	0.423396	0.806856	-1.23938	0.416911	0.80432	-1.24329	0.0895912	0.611877	-1.63432	0.303635	0.756051	-1.32266
cg00242786	ADPRHL1	0.579034	0.944687	0.962145	-1.03934	0.639213	0.769044	-1.30032	0.522174	1.43443	1.43443	0.970959	1.02045	1.02045	0.179605	0.452604	-2.20943
cg11996395	NOLC1;NOLC1	0.579046	?	?	?	0.579354	1.52886	1.52886	0.346702	2.0893	2.0893	0.556278	0.636822	-1.5703	0.323509	0.460368	-2.17218
cg18886062	MAMSTR;RASIP1	0.579049	0.315433	0.639464	-1.56381	0.918572	0.956907	-1.04503	0.503	1.34017	1.34017	0.647138	0.819939	-1.2196	0.216916	0.571414	-1.75004
cg22366498	PLP2	0.579057	0.195561	0.297638	-3.35979	0.763488	1.30627	1.30627	0.785764	0.785673	-1.27279	0.5973	1.6032	1.6032	0.390336	0.458737	-2.1799
cg07729303	CYFIP1	0.579059	0.861189	1.10445	1.10445	0.155117	2.37168	2.37168	0.0807693	3.00176	3.00176	0.381622	1.6642	1.6642	0.819571	0.878373	-1.13847
cg04467208	ACO2;PHF5A	0.579065	0.546845	1.14624	1.14624	0.178513	1.3771	1.3771	0.993359	1.00186	1.00186	0.265633	1.29651	1.29651	0.258652	1.30191	1.30191
cg16008476	ZIM2;ZIM2;ZIM2	0.579075	0.661155	1.16976	1.16976	0.794839	1.09707	1.09707	0.894857	1.04813	1.04813	0.489167	1.28373	1.28373	0.432215	1.32969	1.32969
cg13263512	MAGI2	0.579089	0.602707	0.864489	-1.15675	0.296902	1.34969	1.34969	0.563508	1.17578	1.17578	0.29954	1.34733	1.34733	0.842245	0.946244	-1.05681
cg02219016	LRPPRC	0.579106	0.264435	0.825466	-1.21144	0.937399	1.01304	1.01304	0.319013	1.18509	1.18509	0.700861	1.06572	1.06572	0.248551	1.22006	1.22006
cg27037021	MPPE1	0.579117	0.834305	1.05136	1.05136	0.962177	0.988725	-1.0114	0.223451	1.35775	1.35775	0.626765	1.12431	1.12431	0.217392	0.733235	-1.36382
cg08722883	NRF1;NRF1	0.579118	0.547203	0.697727	-1.43322	0.161816	0.413676	-2.41735	0.34518	0.563006	-1.77618	0.619981	1.34361	1.34361	0.158781	0.410666	-2.43507
cg04854342	MYBL1;MYBL1;MYBL1;MYBL1	0.579121	0.802705	0.968799	-1.03221	0.140562	1.22229	1.22229	0.977545	0.996443	-1.00357	0.722158	1.04624	1.04624	0.290245	1.1491	1.1491
cg14840487	MOSC1	0.579123	0.927167	0.975561	-1.02505	0.713168	0.90491	-1.10508	0.754049	1.08878	1.08878	0.754228	1.08871	1.08871	0.510101	0.834588	-1.1982
cg18250832	NMUR1	0.579132	0.507203	1.19963	1.19963	0.0313852	1.97968	1.97968	0.668924	1.12341	1.12341	0.732731	1.09716	1.09716	0.913411	0.971005	-1.02986
cg04371001	UBL4A	0.579135	0.248953	0.413512	-2.41831	0.960296	0.964177	-1.03715	0.610951	0.686634	-1.45638	0.382347	1.92806	1.92806	0.226587	2.53545	2.53545
cg21367256	MYT1	0.579141	0.609156	0.722482	-1.38412	0.314252	0.518902	-1.92715	0.474074	1.5824	1.5824	0.512022	1.52076	1.52076	0.651336	0.750682	-1.33212
cg23516026	NSMCE2	0.579154	0.66572	1.16488	1.16488	0.718266	1.13566	1.13566	0.191963	0.615711	-1.62414	0.494965	1.27547	1.27547	0.210683	0.629333	-1.58898
cg01785060	ZDHHC21	0.57916	0.803536	0.944603	-1.05865	0.107283	0.669034	-1.49469	0.524348	1.15895	1.15895	0.956633	0.987644	-1.01251	0.479682	0.848502	-1.17855
cg14294793	ODZ4	0.579166	0.255423	0.396064	-2.52484	?	?	?	?	?	?	?	?	?	0.48201	1.73678	1.73678
cg17177318	MSL2;MSL2	0.579167	0.749824	0.889619	-1.12408	0.118022	1.85993	1.85993	0.219378	1.60352	1.60352	0.375194	1.3948	1.3948	0.669724	1.16984	1.16984
cg00155609	PRDX2;PRDX2	0.579167	0.769419	0.950011	-1.05262	0.622336	1.09047	1.09047	0.472307	1.13603	1.13603	0.943188	1.01251	1.01251	0.548003	1.11188	1.11188
cg16498314	CD2BP2;CD2BP2	0.579172	0.993956	1.00082	1.00082	0.34471	0.899493	-1.11174	0.250253	0.877427	-1.1397	0.278796	0.884656	-1.13038	0.485488	1.08019	1.08019
cg11149743	HOXB7	0.579192	0.683526	1.27016	1.27016	0.397716	0.603361	-1.65738	0.741803	0.824558	-1.21277	0.41057	0.612023	-1.63393	0.128405	0.383317	-2.60881
cg02881625	ETV1;ETV1;ETV1;ETV1	0.579206	0.449728	1.19885	1.19885	0.0382766	1.76007	1.76007	0.864999	1.04088	1.04088	0.671238	1.10576	1.10576	0.287344	1.29709	1.29709
cg12727358	CACNA1D;CACNA1D;CACNA1D	0.579207	0.668178	0.899044	-1.11229	0.358852	1.26219	1.26219	0.503942	1.1822	1.1822	0.576397	1.14946	1.14946	0.28988	0.762535	-1.31141
cg15612085	DNAH2	0.579217	0.172306	0.63058	-1.58584	0.845126	0.93981	-1.06405	0.492472	0.801497	-1.24766	0.29708	0.709537	-1.40937	0.292751	0.707185	-1.41406
cg10507988	EPAS1	0.57923	0.27091	4.03827	4.03827	0.505889	2.27497	2.27497	0.424808	2.69802	2.69802	0.390826	2.91741	2.91741	0.231289	0.216754	-4.61352
cg08829024	ZG16B	0.579231	0.187633	0.466942	-2.1416	0.483837	1.4741	1.4741	0.674403	0.794187	-1.25915	0.655795	0.782967	-1.27719	0.152673	0.433708	-2.3057
cg13421116	AP3M1;ADK;AP3M1	0.579235	0.220374	2.88009	2.88009	0.809251	1.21962	1.21962	0.253608	2.66125	2.66125	0.200587	3.03392	3.03392	0.106647	4.24723	4.24723
cg13149662	KDM2B;KDM2B	0.57924	0.193562	0.652803	-1.53186	0.0988135	0.570593	-1.75256	0.63611	0.862642	-1.15923	0.682024	1.13622	1.13622	0.385051	0.75875	-1.31796
cg14555167	GNB1L;C22orf29	0.579242	0.426091	0.585677	-1.70743	0.341193	1.90721	1.90721	0.225614	2.31102	2.31102	0.83126	0.868951	-1.15081	0.656946	0.745092	-1.34212
cg08883134	RPS18;VPS52	0.579245	0.722671	1.19474	1.19474	0.369378	0.631083	-1.58458	0.40177	0.651486	-1.53495	0.680802	1.22942	1.22942	0.79279	0.876819	-1.14049
cg00807495	RASA3	0.579261	0.399697	0.87128	-1.14774	0.643619	1.0773	1.0773	0.658432	1.0737	1.0737	0.361521	0.860783	-1.16173	0.658644	0.931406	-1.07365
cg04623168	NAA25	0.579283	0.59098	1.10028	1.10028	0.405207	1.16185	1.16185	0.140382	1.32233	1.32233	0.697507	1.07123	1.07123	0.532274	1.11788	1.11788
cg24723496	RBMXL3;LRCH2	0.579286	0.132173	0.638793	-1.56545	0.561684	1.17568	1.17568	0.924145	0.974074	-1.02662	0.361253	0.771931	-1.29545	0.806718	1.06995	1.06995
cg04391800	MAGI1;MAGI1;MAGI1	0.57929	0.598272	0.901825	-1.10886	0.410552	1.17769	1.17769	0.559497	0.891639	-1.12153	0.813629	0.95514	-1.04697	0.504439	0.87665	-1.14071
cg02154914	TTYH3	0.579301	0.388935	0.653728	-1.52969	0.312288	1.654	1.654	0.615466	1.2761	1.2761	0.836458	1.10463	1.10463	0.105763	0.427147	-2.34112
cg24462260	PRAM1	0.579306	0.856133	0.921776	-1.08486	0.307425	1.60673	1.60673	0.249637	1.71603	1.71603	0.933113	1.03839	1.03839	0.123957	0.473434	-2.11222
cg17490445	AVL9	0.579315	0.926135	0.962198	-1.03929	0.172194	1.82921	1.82921	0.171962	1.82988	1.82988	0.78413	0.892155	-1.12088	0.753692	1.13975	1.13975
cg23900712	IGF1R	0.579319	0.640343	0.712507	-1.40349	0.0677719	0.229043	-4.36599	0.127291	0.304872	-3.28007	0.924261	1.0709	1.0709	0.784824	0.821067	-1.21793
cg26767214	CHST14	0.579322	0.302399	0.339744	-2.94339	0.512766	0.511309	-1.95576	0.398479	0.417476	-2.39535	0.521755	0.518846	-1.92736	0.26534	0.30945	-3.23154
cg07531221	C6orf124;MLLT4;MLLT4;MLLT4	0.579328	0.525557	0.884346	-1.13078	0.848023	1.03734	1.03734	0.982838	0.995899	-1.00412	0.557962	1.11987	1.11987	0.221383	1.27839	1.27839
cg16338347	ALCAM	0.579332	0.112525	0.824599	-1.21271	0.551103	1.06964	1.06964	0.603932	1.06016	1.06016	0.380182	1.10571	1.10571	0.956318	1.00613	1.00613
cg15549927	DPP6;DPP6	0.579335	0.893522	1.02456	1.02456	0.522	0.889086	-1.12475	0.358824	0.842881	-1.18641	0.963979	1.00821	1.00821	0.764295	0.946981	-1.05599
cg16537228	C6orf10	0.579354	0.432864	0.572009	-1.74823	0.216534	0.403497	-2.47833	0.3164	0.48534	-2.06041	0.714878	0.774092	-1.29184	0.078532	0.255688	-3.91102
cg22785750	ABHD4	0.579356	0.371899	0.617032	-1.62066	0.773618	0.85908	-1.16404	0.626519	1.2947	1.2947	0.10454	0.392801	-2.54582	0.720329	0.827506	-1.20845
cg14727512	TSSK2;DGCR14	0.579358	0.307234	0.472449	-2.11663	0.719509	0.774279	-1.29152	0.139683	0.32385	-3.08785	0.502045	1.62144	1.62144	0.113447	0.294665	-3.39368
cg06946814	ZFYVE21	0.579376	0.538977	1.26166	1.26166	0.651996	0.843967	-1.18488	0.449296	0.749688	-1.33389	0.50714	1.28591	1.28591	0.45126	1.33216	1.33216
cg15474859	KLF7;KLF7	0.579384	0.69002	0.920503	-1.08636	0.517861	0.873311	-1.14507	0.984865	1.00393	1.00393	0.566807	1.12708	1.12708	0.452471	0.853718	-1.17135
cg10059810	PLEK2	0.579384	0.24331	10.8903	10.8903	0.750859	1.86455	1.86455	0.878434	1.349	1.349	0.854887	1.43056	1.43056	0.40395	0.188185	-5.31392
cg01403532	LOC652276	0.579392	0.142831	0.565476	-1.76842	0.772033	0.900188	-1.11088	0.225978	0.631139	-1.58444	0.63246	0.839947	-1.19055	0.173051	0.591668	-1.69014
cg04403917	EPDR1	0.579398	0.182118	0.698643	-1.43135	0.896897	0.967703	-1.03337	0.937815	1.01995	1.01995	0.802364	0.938468	-1.06557	0.240254	1.36528	1.36528
cg12492087	ZFP106	0.5794	0.830079	1.08286	1.08286	0.466122	0.759781	-1.31617	0.982431	1.00819	1.00819	0.212459	1.62653	1.62653	0.899305	0.954189	-1.04801
cg24594507	ARF4	0.579408	0.701529	0.920653	-1.08619	0.691311	0.917885	-1.08946	0.12732	1.42473	1.42473	0.303083	0.79532	-1.25735	0.36791	0.819916	-1.21964
cg11084015	OSBPL10	0.579411	0.283926	2.01271	2.01271	0.327473	1.88732	1.88732	0.731947	1.24116	1.24116	0.110795	2.97947	2.97947	0.593582	0.712867	-1.40279
cg04682845	TMEM42	0.579416	0.962713	0.989807	-1.0103	0.906649	0.974619	-1.02604	0.137596	1.41968	1.41968	0.167773	1.38016	1.38016	0.205438	1.34012	1.34012
cg00755448	KCNB2	0.579426	0.736546	1.09836	1.09836	0.799819	1.07315	1.07315	0.307881	1.34078	1.34078	0.0933326	1.67002	1.67002	0.449019	1.23905	1.23905
cg05720805	TRIM23;C5orf44;TRIM23;TRIM23;C5orf44;C5orf44;C5orf44	0.579438	0.908708	1.03455	1.03455	0.944849	0.979722	-1.0207	0.613871	1.1626	1.1626	0.0712183	0.550607	-1.81618	0.299388	0.727245	-1.37505

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25237118	0.449168	0.90507	-1.10489	0.0727164	0.771872	-1.29555	0.994556	1.00088	1.00088	0.574699	1.07608	1.07608	0.877701	0.232513	0.235476	1
cg24845165	0.56438	1.14215	1.14215	0.486013	1.17525	1.17525	0.990092	1.00284	1.00284	0.795903	1.06091	1.06091	0.877696	0.723379	0.732604	1
cg01104489	0.544581	1.21125	1.21125	0.0937647	1.77882	1.77882	0.243542	1.46425	1.46425	0.390978	0.759803	-1.31613	0.877693	1.35769	1.37501	1
cg18922524	0.676586	0.942886	-1.06057	0.475121	1.10718	1.10718	0.561697	1.08574	1.08574	0.198741	1.20972	1.20972	0.877691	0.2732	0.276685	1
cg02054252	0.95371	0.961073	-1.0405	0.28879	2.12372	2.12372	0.354069	1.91963	1.91963	0.256105	2.24973	2.24973	0.877691	6.50293	6.5859	1
cg17647904	0.880338	1.03706	1.03706	0.234271	1.35152	1.35152	0.349392	1.26204	1.26204	0.575366	0.872205	-1.14652	0.877655	0.811316	0.821701	1
cg14489933	0.109467	1.5908	1.5908	0.292065	1.3375	1.3375	0.639146	0.881938	-1.13387	0.800326	0.934803	-1.06974	0.865286	0.862048	0.996258	1
cg22598563	0.681069	1.1447	1.1447	0.426414	0.76677	-1.30417	0.0918632	1.83466	1.83466	0.901342	0.960256	-1.04139	0.877642	1.48638	1.50542	1
cg16811455	0.487473	0.789047	-1.26735	0.657222	0.860709	-1.16183	0.434536	0.76506	-1.30709	0.566217	1.21501	1.21501	0.877639	1.56795	1.58805	1
cg00980319	0.605611	1.37437	1.37437	0.12808	0.366292	-2.73006	0.568841	0.703587	-1.42129	0.718319	0.801602	-1.2475	0.877639	5.18076	5.24717	1
cg06295856	0.567736	1.563	1.563	0.192238	0.343916	-2.90768	0.146652	3.33574	3.33574	0.946993	1.05276	1.05276	0.877627	8.31182	8.41848	1
cg17237881	0.312058	0.77741	-1.28632	0.475037	1.19112	1.19112	0.324952	0.782915	-1.27728	0.551539	0.864985	-1.15609	0.877624	0.805745	0.816088	1
cg04846203	0.881708	0.943566	-1.05981	0.571503	0.800057	-1.24991	0.771957	1.12004	1.12004	0.806849	0.908862	-1.10028	0.877622	2.11542	2.14258	1
cg07990395	0.121532	0.126514	-7.90429	0.938158	1.10028	1.10028	0.897897	1.1713	1.1713	0.643754	1.77456	1.77456	0.877618	21.0837	21.3545	1
cg20396423	0.607921	0.825298	-1.21168	0.507825	0.779355	-1.28311	0.828453	0.922637	-1.08385	0.278858	0.65851	-1.51858	0.8776	1.91363	1.93825	1
cg08725904	0.508163	1.21783	1.21783	0.140948	1.5918	1.5918	0.35774	0.757562	-1.32002	0.604296	0.857721	-1.16588	0.877571	1.1978	1.21325	1
cg07179981	0.472091	0.600058	-1.6665	0.784086	0.825488	-1.21141	0.644649	1.38304	1.38304	0.614028	0.701106	-1.42632	0.877567	6.77658	6.86401	1
cg10841343	0.84563	1.04029	1.04029	0.556637	0.886493	-1.12804	0.304296	0.806065	-1.24059	0.107401	1.42774	1.42774	0.877563	0.570757	0.578123	1
cg01498832	0.691986	1.32254	1.32254	0.747926	1.25405	1.25405	0.869454	1.12241	1.12241	0.470032	0.596911	-1.67529	0.877556	6.85062	6.93909	1
cg21666957	0.835167	0.939181	-1.06476	0.539226	1.20587	1.20587	0.174012	1.54577	1.54577	0.325253	0.73646	-1.35785	0.877522	1.26039	1.27672	1
cg13954461	0.150393	0.473152	-2.11349	0.141743	0.464427	-2.15319	0.187746	0.507792	-1.96931	0.861599	1.0884	1.0884	0.877517	3.27519	3.31763	1
cg02328758	0.0694456	2.26209	2.26209	0.186954	1.75461	1.75461	0.288628	1.55702	1.55702	0.43616	1.37619	1.37619	0.877504	2.24536	2.27449	1
cg01584448	0.19061	1.57677	1.57677	0.891212	1.04599	1.04599	0.860695	1.05941	1.05941	0.652272	1.16072	1.16072	0.877473	1.50036	1.51988	1
cg25453664	0.968892	1.01461	1.01461	0.995507	0.997907	-1.0021	0.537182	0.792576	-1.26171	0.76431	1.11837	1.11837	0.877453	1.92353	1.9486	1
cg01500097	0.71319	0.830411	-1.20422	0.19482	0.501426	-1.99431	0.210711	0.51487	-1.94224	0.871432	1.08494	1.08494	0.877417	3.52097	3.56701	1
cg14946105	0.337121	0.683893	-1.46222	0.0960484	2.01728	2.01728	0.572054	0.803147	-1.2451	0.950557	0.976473	-1.02409	0.8774	2.0484	2.07522	1
cg00992659	0.337333	1.19966	1.19966	0.584707	0.903421	-1.1069	0.336573	0.833316	-1.20003	0.938635	1.01427	1.01427	0.877397	0.470634	0.476799	1
cg05768669	0.843425	1.10186	1.10186	0.203073	0.517337	-1.93298	0.478271	0.702144	-1.42421	0.99454	0.99665	-1.00336	0.877394	3.34333	3.38713	1
cg24635951	0.671328	1.13142	1.13142	0.073345	1.7818	1.7818	0.856732	0.949065	-1.05367	0.442391	0.797255	-1.2543	0.877384	1.16286	1.17811	1
cg08204571	0.937724	1.02177	1.02177	0.766726	0.921278	-1.08545	0.957916	0.985561	-1.01465	0.101791	1.6383	1.6383	0.877368	1.05553	1.06939	1
cg06750076	0.255309	1.47044	1.47044	0.0351949	2.21767	2.21767	0.744982	1.11178	1.11178	0.781516	1.09446	1.09446	0.877356	1.46458	1.48384	1
cg25023761	0.568226	1.34455	1.34455	0.949634	0.968095	-1.03296	0.566817	1.34603	1.34603	0.665196	0.799727	-1.25043	0.877353	3.66095	3.70908	1
cg09549726	0.509526	0.771168	-1.29673	0.898035	0.951429	-1.05105	0.140415	0.540134	-1.85139	0.248532	0.625963	-1.59754	0.877352	2.09585	2.1234	1
cg08884420	0.841535	0.948391	-1.05442	0.0840757	0.602928	-1.65857	0.704125	1.10627	1.10627	0.853521	0.952254	-1.05014	0.877342	0.973628	0.986442	1
cg24008893	0.827494	0.935036	-1.06948	0.0525017	1.97107	1.97107	0.895319	0.960293	-1.04135	0.594367	0.847532	-1.1799	0.877324	1.31624	1.33359	1
cg10454514	0.16091	1.32704	1.32704	0.565489	1.11602	1.11602	0.551228	0.892333	-1.12066	0.439737	1.16054	1.16054	0.877324	0.496049	0.502588	1
cg24023194	0.146001	1.42739	1.42739	0.682348	1.09836	1.09836	0.870689	1.03784	1.03784	0.780198	1.06586	1.06586	0.877322	0.722292	0.731814	1
cg06380352	0.645202	1.21197	1.21197	0.0758011	0.440674	-2.26925	0.692662	0.848126	-1.17907	0.877411	0.937998	-1.0661	0.877316	2.3891	2.42062	1
cg15023646	0.436737	1.51179	1.51179	0.322098	1.70377	1.70377	0.62258	1.2949	1.2949	0.963411	0.976386	-1.02418	0.8773	3.77051	3.82032	1
cg21387465	0.144115	0.790482	-1.26505	0.495097	0.901409	-1.10937	0.639759	1.07318	1.07318	0.292942	1.17759	1.17759	0.877271	0.311919	0.31605	1
cg07112556	0.668249	0.656885	-1.52234	0.91545	0.901659	-1.10907	0.536928	0.543639	-1.83946	0.813692	0.794435	-1.25876	0.877269	13.2019	13.3767	1
cg02229775	0.123519	0.792476	-1.26187	0.905744	1.01665	1.01665	0.921449	1.01385	1.01385	0.874437	1.02229	1.02229	0.877252	0.270074	0.273657	1
cg20242379	0.872291	0.816686	-1.22446	?	?	?	0.51502	0.435614	-2.29561	0.360815	3.26253	3.26253	0.864873	19.2921	22.3063	1
cg12305074	0.171172	1.78272	1.78272	0.3933	1.41478	1.41478	0.745606	1.13789	1.13789	0.803117	0.905633	-1.1042	0.877192	2.18732	2.21649	1
cg12522311	0.492411	0.69096	-1.44726	0.260481	0.536705	-1.86322	0.153161	0.444378	-2.25034	0.735085	1.19731	1.19731	0.877184	3.90572	3.95783	1
cg25211938	0.604695	1.16694	1.16694	0.145622	1.58711	1.58711	0.962	1.01418	1.01418	0.978976	1.00782	1.00782	0.877163	1.21421	1.23044	1
cg22762076	0.823107	1.03212	1.03212	0.279157	0.85309	-1.17221	0.254107	0.845211	-1.18314	0.324877	1.15438	1.15438	0.877152	0.277029	0.280736	1
ch.22.78028F	0.578167	1.23202	1.23202	0.313065	0.678693	-1.47342	0.851801	1.07194	1.07194	0.173794	1.71172	1.71172	0.877147	1.91674	1.9424	1
cg17740541	0.259612	0.194938	-5.12982	0.537324	0.419601	-2.38321	0.845901	0.76297	-1.31067	0.977662	1.0397	1.0397	0.877144	26.855	27.2146	1
cg17411681	0.284379	1.1121	1.1121	0.417166	1.08244	1.08244	0.392761	1.08725	1.08725	0.197267	1.13909	1.13909	0.877142	0.126815	0.128513	1
cg11351837	0.251025	0.53945	-1.85374	0.769568	0.859703	-1.16319	0.328486	0.59509	-1.68042	0.220003	1.94193	1.94193	0.877139	3.67911	3.7284	1
cg07945480	0.627784	0.898213	-1.11332	0.0743641	0.646089	-1.54777	0.662476	1.10131	1.10131	0.245475	1.30591	1.30591	0.877127	0.670598	0.679591	1
cg00538420	0.189677	0.35233	-2.83825	0.733024	0.773283	-1.29319	0.539945	0.627538	-1.59353	0.770503	0.802794	-1.24565	0.877125	7.83347	7.93854	1
cg05575217	0.345731	0.648561	-1.54188	0.301268	0.620286	-1.61216	0.725353	0.854468	-1.17032	0.28429	0.608979	-1.64209	0.877112	2.76197	2.79906	1
cg06620723	0.303651	2.02149	2.02149	0.109333	3.16893	3.16893	0.617785	1.39423	1.39423	0.618786	0.717932	-1.39289	0.877105	6.06264	6.14409	1
cg24855956	0.808061	0.917869	-1.08948	0.707226	0.875589	-1.14209	0.32431	0.698774	-1.43108	0.227353	0.640022	-1.56245	0.877072	1.72235	1.74555	1
cg05355436	0.378407	1.64627	1.64627	0.562618	1.38112	1.38112	0.640505	1.29621	1.29621	0.105517	0.377007	-2.65247	0.877065	4.22676	4.28374	1
cg07402337	0.462535	1.49923	1.49923	0.385117	1.61956	1.61956	0.0958545	2.69231	2.69231	0.347487	1.68843	1.68843	0.877065	4.07287	4.12778	1
cg08496503	0.330609	1.8845	1.8845	0.0663989	0.268009	-3.73122	0.618476	0.72922	-1.37133	0.859251	1.11797	1.11797	0.883346	5.40454	4.75865	1
cg14947787	0.876647	0.895136	-1.11715	0.36874	1.93168	1.93168	0.783836	1.21666	1.21666	0.924499	0.934633	-1.06994	0.877062	7.06512	7.16039	1
cg17787159	0.347924	1.48196	1.48196	0.394612	0.701243	-1.42604	0.366618	1.45867	1.45867	0.106228	2.05049	2.05049	0.877061	2.30141	2.33244	1
cg17672031	0.343198	0.848604	-1.17841	0.292055	1.20175	1.20175	0.842485	0.967105	-1.03401	0.482634	0.886957	-1.12745	0.877033	0.392572	0.397879	1
cg05293775	0.970584	0.99334	-1.0067	0.186169	0.775717	-1.28913	0.408884	0.858084	-1.16539	0.298159	1.21582	1.21582	0.87703	0.456059	0.462226	1
cg00486627	0.885483	0.866463	-1.15412	0.242442	0.293705	-3.40478	0.584564	1.7331	1.7331	0.473544	0.483436	-2.06853	0.870996	11.8728	11.9274	1
cg17370322	?	?	?	0.6297	0.651855	-1.53408	0.153394	3.89345	3.89345	0.225265	3.09262	3.09262	0.855415	7.98502	9.33466	1
cg21922574	0.769728	1.0852	1.0852	0.121393	1.59647	1.59647	0.827283	1.06276	1.06276	0.0847418	1.70072	1.70072	0.877024	1.07778	1.09236	1
cg09355292	0.87921	0.9647	-1.03659	0.381912	1.23605	1.23605	0.888188	0.967301	-1.0338	0.470368	1.18952	1.18952	0.877013	0.775709	0.786213	1
cg00506935	0.515704	1.33318	1.33318	0.0953385	0.449537	-2.22451	0.488966	0.735863	-1.35895	0.26705	0.603795	-1.65619	0.877012	2.64436	2.68017	1
cg07520752	0.167974	1.21761	1.21761	0.627552	1.06771	1.06771	0.896932	1.01752	1.01752	0.432146	1.1134	1.1134	0.877012	0.249383	0.25276	1
cg00427553	0.276917	0.708703	-1.41103	0.201396	1.50802	1.50802	0.810684	1.0758	1.0758	0.254217	1.43693	1.43693	0.877011	1.2877	1.30514	1
cg26359204	0.99032	0.996368	-1.00365	0.470383	0.802285	-1.24644	0.658838	1.14258	1.14258	0.864831	1.05244	1.05244	0.87699	1.2499	1.26686	1
cg05697539	0.251451	0.28479	-3.51136	0.2025	0.244025	-4.09794	0.656814	0.62577	-1.59803	0.588554	0.56411	-1.7727	0.876988	15.263	15.4702	1
cg12937950	0.980047	1.01132	1.01132	0.125151	2.11127	2.11127	0.456444	1.407	1.407	0.788452	0.885964	-1.12871	0.876985	2.81526	2.85347	1
cg25016907	0.611254	0.842866	-1.18643	0.612936	1.18546	1.18546	0.363891	0.732583	-1.36503	0.947892	0.978439	-1.02204	0.876981	1.54476	1.56574	1
cg02622956	0.658557	1.05335	1.05335	0.290065	1.13692	1.13692	0.26765	0.873766	-1.14447	0.442024	1.09594	1.09594	0.87698	0.189681	0.192257	1
cg04730768	0.709955	1.19438	1.19438	0.976542	1.01408	1.01408	0.14808	2.0912	2.0912	0.534125	1.34903	1.34903	0.876976	3.14002	3.18268	1
cg04961866	0.623895	0.878347	-1.1385	0.619624	0.87692	-1.14035	0.3104	0.759199	-1.31718	0.870762	0.958165	-1.04366	0.876948	0.956823	0.969852	1
cg00242786	0.650071	1.28919	1.28919	0.615837	1.32494	1.32494	0.132557	2.46619	2.46619	0.288507	1.84564	1.84564	0.87693	4.29607	4.35466	1
cg11996395	0.655883	0.71188	-1.40473	?	?	?	0.859582	0.874533	-1.14347	0.177678	2.988	2.988	0.855292	5.91029	6.91025	1
cg18886062	0.244707	0.592031	-1.6891	0.0912184	0.448747	-2.22843	0.717323	0.855036	-1.16954	0.604082	0.798249	-1.25274	0.876906	2.57693	2.61214	1
cg22366498	0.0726126	0.169767	-5.89043	0.936799	0.932197	-1.07273	0.66178	1.47656	1.47656	0.941522	0.937112	-1.06711	0.876893	10.8855	11.0345	1
cg07729303	0.914233	1.06306	1.06306	0.805069	1.15068	1.15068	0.303082	1.83217	1.83217	0.732765	0.82321	-1.21476	0.876891	4.47459	4.53582	1
cg04467208	0.221893	1.33295	1.33295	0.424163	0.833	-1.20048	0.753514	0.931912	-1.07306	0.406172	1.20953	1.20953	0.876881	0.695947	0.705477	1
cg16008476	0.822088	1.08336	1.08336	0.0420281	2.29997	2.29997	0.41539	1.34439	1.34439	0.508423	0.787815	-1.26933	0.876865	1.75508	1.77914	1
cg13263512	0.520006	0.834576	-1.19821	0.984032	0.994466	-1.00556	0.0799569	1.71382	1.71382	0.580906	1.16721	1.16721	0.876842	1.06777	1.08244	1
cg02219016	0.922011	0.983982	-1.01628	0.147111	0.773709	-1.29248	0.791771	1.0446	1.0446	0.68599	1.06932	1.06932	0.876816	0.377611	0.382811	1
cg27037021	0.589256	1.13921	1.13921	0.34375	0.791997	-1.26263	0.910609	1.02722	1.02722	0.196427	0.721381	-1.38623	0.876798	0.793883	0.80483	1
cg08722883	0.561752	0.707055	-1.41432	0.417021	0.612576	-1.63245	0.350861	0.567031	-1.76357	0.489863	1.51355	1.51355	0.876797	4.84801	4.91487	1
cg04854342	0.683644	1.05325	1.05325	0.0674962	1.29613	1.29613	0.764465	1.03878	1.03878	0.520543	1.08596	1.08596	0.876792	0.222633	0.225704	1
cg14840487	0.52235	0.839062	-1.19181	0.715438	0.905665	-1.10416	0.769078	1.08293	1.08293	0.0355293	0.515653	-1.93929	0.876788	1.01703	1.03106	1
cg18250832	0.580483	1.16301	1.16301	0.971496	1.00971	1.00971	0.380881	1.27524	1.27524	0.996232	0.998723	-1.00128	0.876775	1.01613	1.03017	1
cg04371001	0.153366	0.326175	-3.06584	0.866042	1.1317	1.1317	0.667692	1.37231	1.37231	0.977064	1.02129	1.02129	0.876771	7.45675	7.55981	1
cg21367256	0.41528	0.591615	-1.69029	0.23536	0.456584	-2.19018	0.14942	0.377418	-2.64958	0.600458	1.39533	1.39533	0.87676	5.51786	5.5942	1
cg23516026	0.760081	1.11354	1.11354	0.266654	0.666068	-1.50135	0.503879	0.788075	-1.26891	0.465413	1.29802	1.29802	0.87674	1.7119	1.73563	1
cg01785060	0.798615	0.943221	-1.0602	0.18468	0.724936	-1.37943	0.624856	0.893441	-1.11927	0.352954	1.24424	1.24424	0.876731	0.725861	0.735927	1
cg14294793	0.307598	0.439863	-2.27344	0.969548	0.971108	-1.02975	0.469343	1.76626	1.76626	0.527253	1.63931	1.63931	0.843573	5.00326	5.93103	1
cg17177318	0.458484	1.31783	1.31783	0.38387	0.721486	-1.38603	0.570987	1.23286	1.23286	0.346515	1.42535	1.42535	0.87672	1.85597	1.88173	1
cg00155609	0.133611	1.32613	1.32613	0.166998	0.77335	-1.29308	0.919953	1.01769	1.01769	0.310647	1.20083	1.20083	0.876719	0.422621	0.428487	1
cg16498314	0.944191	1.00765	1.00765	0.476142	1.08205	1.08205	0.479596	1.08136	1.08136	0.24709	1.14079	1.14079	0.876711	0.16447	0.166754	1
cg11149743	0.238938	0.486941	-2.05364	0.921083	1.05952	1.05952	0.269388	1.95639	1.95639	0.90188	0.930564	-1.07462	0.876679	4.72681	4.79264	1
cg02881625	0.77248	1.07065	1.07065	0.997504	1.00074	1.00074	0.927844	0.978899	-1.02156	0.397716	1.22617	1.22617	0.876658	0.76979	0.78053	1
cg12727358	0.123517	1.50942	1.50942	0.376091	1.25129	1.25129	0.324311	1.28558	1.28558	0.674518	1.10987	1.10987	0.876656	0.84567	0.857471	1
cg15612085	0.0962667	0.560059	-1.78553	0.374275	0.748649	-1.33574	0.193875	0.646404	-1.54702	0.591118	0.84186	-1.18785	0.87664	1.39889	1.41843	1
cg10507988	0.569797	0.496853	-2.01267	0.439493	0.382856	-2.61195	0.358744	3.15558	3.15558	0.542334	2.1192	2.1192	0.876619	20.5876	20.8757	1
cg08829024	0.735006	0.830874	-1.20355	0.129636	0.409447	-2.44232	0.41808	0.636813	-1.57032	0.569032	0.730596	-1.36875	0.876617	4.12941	4.18722	1
cg13421116	0.204059	3.0054	3.0054	0.376577	2.10629	2.10629	0.452935	1.87331	1.87331	0.594736	1.55396	1.55396	0.876612	9.35738	9.48843	1
cg13149662	0.923455	1.03024	1.03024	0.359126	0.746535	-1.33952	0.24189	0.684045	-1.46189	0.42943	0.778756	-1.2841	0.876604	1.33429	1.35299	1
cg14555167	0.734639	1.25102	1.25102	0.189616	0.40067	-2.49582	0.414538	1.7316	1.7316	0.472231	1.61822	1.61822	0.8766	6.01609	6.10043	1
cg08883134	0.62253	1.28114	1.28114	0.738585	0.845999	-1.18204	0.627417	0.783311	-1.27663	0.0511912	0.329982	-3.03047	0.876596	3.46143	3.50997	1
cg00807495	0.642262	1.07764	1.07764	0.0867469	1.35305	1.35305	0.434988	0.880462	-1.13577	0.929445	1.01425	1.01425	0.87657	0.354641	0.359625	1
cg04623168	0.992941	0.998443	-1.00156	0.283733	0.821868	-1.21674	0.382544	0.854069	-1.17087	0.44034	0.870563	-1.14868	0.876536	0.43075	0.436821	1
cg24723496	0.46264	1.22903	1.22903	0.182991	1.47659	1.47659	0.987653	0.995741	-1.00428	0.646502	1.13584	1.13584	0.876531	1.05611	1.071	1
cg04391800	0.677826	1.08458	1.08458	0.0814392	1.45551	1.45551	0.565757	0.893302	-1.11944	0.456073	0.862836	-1.15897	0.876524	0.524357	0.531754	1
cg02154914	0.744588	0.854384	-1.17043	0.427375	0.676976	-1.47716	0.341219	0.623661	-1.60343	0.541584	0.742687	-1.34646	0.876506	3.21729	3.26274	1
cg24462260	0.419023	0.690316	-1.44861	0.811726	1.11305	1.11305	0.559074	0.767081	-1.30364	0.597224	0.787152	-1.2704	0.876498	2.7964	2.83594	1
cg17490445	0.589628	1.25395	1.25395	0.380505	0.688093	-1.45329	0.381949	1.45156	1.45156	0.409125	0.7041	-1.42025	0.876485	2.39738	2.43131	1
cg23900712	0.505208	0.614444	-1.62749	0.71928	0.771058	-1.29692	0.505054	0.614333	-1.62778	0.674761	1.35528	1.35528	0.876478	7.20307	7.30506	1
cg26767214	0.571406	0.561046	-1.78239	0.0448014	0.0975503	-10.2511	0.50139	0.501813	-1.99277	0.997501	0.996841	-1.00317	0.876473	14.1741	14.3749	1
cg07531221	0.598465	0.903449	-1.10687	0.400626	1.17867	1.17867	0.852588	0.965083	-1.03618	0.0778006	1.45424	1.45424	0.876465	0.506767	0.51395	1
cg16338347	0.921151	0.989008	-1.01111	0.217378	0.865133	-1.15589	0.508796	0.927909	-1.07769	0.534915	0.932254	-1.07267	0.876458	0.172979	0.175433	1
cg15549927	0.99774	0.999487	-1.00051	0.102563	0.72353	-1.38211	0.335184	1.19727	1.19727	0.294709	1.21759	1.21759	0.876453	0.455551	0.462015	1
cg16537228	0.288479	0.463444	-2.15776	0.179425	0.369631	-2.7054	0.782762	0.824565	-1.21276	0.665454	0.738141	-1.35476	0.876423	6.7612	6.85737	1
cg22785750	0.173347	0.466268	-2.14469	0.917152	0.946675	-1.05633	0.637832	0.779022	-1.28366	0.171429	0.464474	-2.15297	0.876421	3.85009	3.90486	1
cg14727512	0.964974	0.969329	-1.03164	0.391654	0.536545	-1.86378	0.850208	1.14353	1.14353	0.75322	0.79952	-1.25075	0.876417	6.98539	7.0848	1
cg06946814	0.331938	1.45358	1.45358	0.0783594	2.07651	2.07651	0.3532	1.42897	1.42897	0.914087	1.04115	1.04115	0.876388	1.93804	1.96568	1
cg15474859	0.188675	0.749932	-1.33345	0.360456	0.823442	-1.21441	0.0732116	0.661782	-1.51107	0.935902	1.01676	1.01676	0.876376	0.592596	0.601057	1
cg10059810	0.391298	0.17944	-5.5729	0.865902	1.39176	1.39176	0.252854	10.3389	10.3389	0.134439	23.4932	23.4932	0.876376	53.0963	53.8545	1
cg01403532	0.41523	0.739751	-1.35181	0.805692	0.914652	-1.09331	0.352927	1.41339	1.41339	0.566867	0.810964	-1.2331	0.876363	1.81857	1.84456	1
cg04403917	0.995788	1.00134	1.00134	0.386904	0.79884	-1.25182	0.189205	0.703137	-1.4222	0.29809	0.760988	-1.31408	0.876353	0.890024	0.902756	1
cg12492087	0.132843	1.82337	1.82337	0.64093	0.840303	-1.19005	0.854207	1.07051	1.07051	0.17172	1.71418	1.71418	0.87635	1.90439	1.93163	1
cg24594507	0.751426	0.934052	-1.0706	0.637376	0.903091	-1.10731	0.417391	1.19473	1.19473	0.433039	1.18739	1.18739	0.876337	0.639675	0.648837	1
cg11084015	0.57021	0.697307	-1.43409	0.822655	1.15149	1.15149	0.2098	2.29449	2.29449	0.934039	0.949317	-1.05339	0.876333	5.47983	5.55834	1
cg04682845	0.28237	1.27738	1.27738	0.658241	0.907047	-1.10248	0.626979	1.1133	1.1133	0.905082	0.974196	-1.02649	0.876325	0.666589	0.676145	1
cg00755448	0.892258	1.03837	1.03837	0.211224	0.693531	-1.4419	0.916593	0.971314	-1.02953	0.844147	0.946783	-1.05621	0.876309	1.07135	1.08673	1
cg05720805	0.323991	1.35208	1.35208	0.564694	0.841642	-1.18815	0.863927	0.950473	-1.05211	0.887786	1.0427	1.0427	0.87629	1.21704	1.23454	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(1057 vs. N)	Fold-Change(1 vs.057)	p-value(1117 vs. N)	Fold-Change(1 vs.117)	p-value(1127 vs. N)	Fold-Change(1 vs.127)	p-value(1217 vs. N)	Fold-Change(1 vs.217)	p-value(1347 vs. N)	Fold-Change(1 vs.347)	p-value(1477 vs. N)	Fold-Change(1 vs.477)	p-value(1537 vs. N)	Fold-Change(1 vs.537)	p-value(5377 vs. N)	Fold-Change(5 vs.537)	p-value(5637 vs. N)	Fold-Change(5 vs.637)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg00080244	OSTM1	0.579441	0.350772	0.824235	-1.1987	0.810834	0.95578	-1.04627	0.915501	1.02021	1.02021	0.731371	0.937463	-1.06671	0.346466	1.20077	-1.20077	0.783605	0.949375	-1.05332	0.074427	0.687222	-1.45573	0.689314	1.09	1.09	0.478622	1.14561	0.145661	0.876286	0.49427	0.501379	1
cg03419014	HLCS	0.579446	0.905936	1.11746	1.11746	0.20716	3.48948	3.48948	0.339519	2.52148	2.52148	0.259507	3.2121	3.2121	0.701898	0.696763	-1.43521	0.959891	1.04838	1.04838	0.945359	0.937636	-1.06651	0.145102	4.34948	4.34948	0.190696	3.67583	0.675287	0.876277	12.2494	12.4257	1
cg00401661	PIRT	0.579454	0.271691	0.359441	-2.78209	0.422404	0.48056	-2.0809	0.79145	1.26742	1.26742	0.945132	0.940309	-1.06348	0.205779	0.303137	-3.29884	0.134889	0.236611	-4.22634	0.254121	0.344767	-2.90051	0.191654	0.290518	-3.44213	0.553804	0.585336	-1.70842	0.876266	11.0976	11.2575	1
cg02135589	ARMCX1	0.579457	0.258598	0.501995	-1.99205	0.0985797	0.34782	-2.88356	0.940161	1.04487	1.04487	0.895918	0.97951	1.07953	0.627724	0.751478	-1.33071	0.146704	0.402136	-2.48549	0.602814	0.735691	-1.35927	0.850431	0.895581	-1.11669	0.554076	0.141806	0.418396	0.87626	4.7441	4.81247	1
cg02115219	TARS2	0.579458	0.947802	0.979803	-1.0206	0.694474	0.884297	-1.13084	0.553273	0.829242	-1.20592	0.370124	0.75075	-1.332	0.866009	0.948757	-1.05401	0.195443	0.652789	-1.53189	0.074767	0.538912	-1.85559	0.411863	1.29869	1.29869	0.930637	0.973247	-1.02749	0.876259	1.34649	1.3659	1
cg00165129	DGKI	0.579467	0.521959	0.819253	-1.22062	0.634269	0.863107	-1.1586	0.428747	0.780239	-1.28166	0.359031	0.748486	-1.33663	0.636848	0.804088	-1.24356	0.930705	0.973637	-1.02708	0.0709581	1.85837	1.85837	0.776139	1.09152	1.09152	0.629301	0.861215	-1.16115	0.876244	1.30948	1.32838	1
cg01546809	COPZ1	0.579478	0.328758	1.3024	1.3024	0.448288	0.816638	-1.22453	0.313728	1.31404	1.31404	0.92283	0.974923	-1.02572	0.440051	1.22924	1.22924	0.90405	0.968884	-1.03211	0.370872	0.785961	-1.27233	0.465968	0.823269	-1.21467	0.175342	1.45902	1.45902	0.876226	0.953458	0.967236	1
cg01595749	ATP5C-ATP5E	0.579548	0.954161	1.01379	1.01379	0.526564	1.02217	1.02217	0.843197	0.959354	-1.04827	0.690759	1.09995	1.09995	0.592371	1.13941	1.13941	0.923398	1.02318	1.02318	0.0727871	0.62074	-1.61098	0.980844	1.23463	1.23463	0.252332	1.32959	1.32959	0.876233	0.787662	0.799048	1
cg02131632	TRPM4;TRPM4	0.579491	0.260806	1.79058	1.79058	0.523297	1.35325	1.35325	0.815097	1.53054	1.53054	0.824497	1.08519	1.08519	0.340467	1.06404	1.06404	0.675411	0.82124	-1.21767	0.969463	1.31056	1.31056	0.176008	0.129506	2.15113	2.15113	0.17844	1.95145	0.876207	3.03487	3.0788	1
cg03918530	MIR138-1	0.579498	0.894086	0.915501	-1.0923	0.546411	1.49863	1.49863	0.358031	1.87094	1.87094	0.488005	1.59513	1.59513	0.175775	0.385154	-2.59637	0.729124	0.794213	-1.25911	0.623763	1.38907	1.38907	0.173087	2.61389	2.61389	0.347973	1.89732	1.89732	0.876194	6.09573	6.18404	1
cg10448129	ADAM32	0.579525	0.602328	0.747524	-1.33787	0.0966297	1.77379	1.77379	0.212454	2.12812	2.12812	0.228294	1.72397	1.72397	0.15613	1.7244	1.7244	0.534982	1.41588	1.41588	0.152465	2.64963	1.42653	1.42653	0.0219373	2.70239	2.70239	0.108453	2.64947	2.64947	0.876152	4.25078	4.31258	1
cg01538731	KLHDC4	0.579532	0.58722	1.34005	1.34005	0.872572	0.98062	-1.08962	0.170566	2.16223	2.16223	0.344351	1.68336	1.68336	0.52293	1.41366	1.41366	0.394426	0.627264	-1.59422	0.308801	0.569388	-1.75627	0.337144	0.589142	-1.69741	0.801578	0.874032	-1.14407	0.876183	3.96698	4.02469	1
cg14532644	FECH;FECH	0.579533	0.241241	1.49705	1.49705	0.502021	0.814881	-1.19591	0.655311	1.13354	1.13354	0.115166	0.620259	-1.61233	0.457303	0.80973	-1.23469	0.628321	0.872826	1.1457	0.713414	1.18013	1.30839	0.81876	1.25908	1.25908	0.898435	1.00461	1.00461	0.876219	1.07887	1.09457	1
cg15926420	CASQ1	0.579554	0.897887	1.06354	1.06354	0.978343	0.98706	-1.01311	0.919083	1.94294	1.94294	0.371881	1.55256	1.55256	0.458868	0.696251	-1.43626	0.261099	0.569866	-1.7548	0.457462	0.695543	-1.43773	0.336099	0.623124	-1.60947	0.524867	1.3623	1.3623	0.876106	3.19448	3.24109	1
cg10729739	TRAPPC1;TRAPPC1;CNTROB;CNTROB;TRAPPC1;TRAPPC1	0.57956	0.514235	0.850358	-1.17598	0.650118	1.11613	1.11613	0.947094	1.00385	1.00385	0.0462297	0.56439	-1.77183	0.875247	1.03925	1.03925	0.953308	1.01445	1.01445	0.946124	1.0167	1.0167	0.944198	1.0173	1.0173	0.43064	1.21791	1.21791	0.876097	0.833333	0.845501	1
cg17473615	MAGED2;MAGED2;MAGED2;MAGED2	0.579563	0.236112	0.276925	-3.61109	0.968044	1.0423	1.0423	0.962866	1.04933	1.04933	0.187581	4.23932	4.23932	0.638294	0.612809	-1.63183	0.145155	0.198277	-5.04344	0.586197	0.566382	-1.76559	0.745799	1.30903	1.30903	0.638334	1.63173	1.63173	0.876093	14.842	15.0588	1
cg08509927	C4orf50	0.579568	0.807738	1.08591	1.08591	0.814509	1.08269	1.08269	0.052427	2.10782	2.10782	0.130284	1.09289	1.09289	0.660561	0.86123	-1.16113	0.935069	0.972083	-1.02793	0.30284	1.43451	1.43451	0.232907	1.52634	1.52634	0.093901	1.02974	1.02974	0.876085	1.5858	1.60897	1
cg00675157	GABRA2;GABRA2	0.579603	0.510757	0.436257	-2.29223	0.66952	1.70557	1.70557	0.177751	0.168473	-5.93566	0.555792	2.09793	2.09793	0.791895	1.38934	1.38934	0.410905	0.351468	-2.84521	0.194989	0.181841	-5.4993	0.318923	3.59985	3.59985	0.612288	0.529647	-1.88805	0.87603	21.4546	21.7695	1
cg00501734	TRPV1;TRPV1;TRPV1;TRPV1	0.579619	0.167792	0.439391	-2.27538	0.972036	1.16583	1.16583	0.183868	0.576181	-1.73557	0.665024	0.783732	-1.27595	0.0902354	0.533933	-1.87245	0.684666	0.795815	-1.25637	0.177681	0.448747	-2.22843	0.732264	0.81926	-1.22061	0.356523	0.588326	-1.69974	0.87603	4.34128	4.40514	1
cg04722901	MYO10	0.579629	0.795369	0.883346	-1.13191	0.783859	1.14007	1.14007	0.181852	0.508837	-1.96526	0.525122	0.755644	-1.35935	0.50561	0.724677	-1.37992	0.921052	0.953837	-1.0484	0.161086	0.204137	2.04137	0.266239	1.73722	1.73722	0.800146	0.88939	-1.12437	0.875988	3.15344	3.19988	1
cg24496605	PI15	0.579639	0.18055	0.352571	-2.83611	0.928943	0.69891	1.43068	0.0183811	-1.09591	0.655311	1.13354	1.13354	0.115166	0.620259	-1.61233	0.457303	0.626767	0.894819	1.1457	0.713414	1.18013	1.30839	0.81876	1.25908	1.25908	0.898435	1.00461	1.00461	0.876139	1.07887	1.09457	1
cg17964432	WWC2;C4orf38	0.579641	0.30396	2.01182	2.01182	0.359153	1.85718	1.85718	0.22188	2.32327	2.32327	0.608834	1.40609	1.40609	0.689336	1.30192	1.30192	0.359949	1.86533	1.86533	0.240992	2.23877	2.23877	0.244098	0.449266	-2.22585	0.426752	1.70372	1.70372	0.875968	5.9808	6.06901	1
cg01040680	HLA-C	0.579686	0.434857	0.548431	-1.82338	0.924571	0.931095	-1.074	0.719714	0.762111	-1.31215	0.391613	0.515959	-1.93814	0.136294	3.35396	3.35396	0.481583	0.583162	-1.71479	0.46734	0.5726	-1.74642	0.278844	2.33701	2.33701	0.568956	0.647906	-1.54343	0.875897	7.88473	8.00168	1
cg04028616	ATP2C2	0.579655	0.788151	0.840933	-1.19003	0.0982062	-1.24978	-2.15173	1.76505	1.76505	0.576916	1.73431	1.90254	0.525255	0.883795	1.04566	1.04566	0.127671	0.21853	-4.57592	0.0202708	0.0927	10.7859	0.0202708	0.0927	10.7859	1.13998	0.876183	1.44847	0.874883	3.12348	3.10686	1
cg22963164	CST7	0.579696	0.898862	0.96119	-1.04038	0.259991	1.44161	1.44161	0.411452	1.28879	1.28879	0.625436	0.868376	-1.15157	0.321518	0.727008	-1.3755	0.427008	0.776881	1.2872	0.128026	0.599188	-1.66892	0.592771	0.845309	-1.183	0.711644	1.89085	-1.12252	0.875882	1.34424	1.3642	1
cg05133123	TMEM418	0.579702	0.551312	1.43574	1.43574	0.522844	0.705453	-1.41552	0.437853	1.14645	1.14645	0.617272	1.28097	1.28097	0.0917479	2.01555	-1.44108	0.57456	0.717544	-1.40539	0.0951464	0.57051	1.75351	0.0951464	0.56472	-1.77251	0.675218	1.40456	0.875877	4.99432	5.06851	1
cg01578040	GSTA5	0.579701	0.737929	0.899228	-1.11207	0.639817	1.16076	1.16076	0.180846	1.56739	1.56739	0.788848	0.918601	-1.08861	0.0981509	1.56369	1.56369	0.80438	0.81666	-1.08166	0.7864	0.976851	1.02407	0.815163	0.928606	-1.07688	1.082	1.75307	1.32795	0.875874	1.3879	1.40852	1
cg03899694	RPS6KA2	0.579701	7.7929	7	7	0.0973561	4.64808	4.64808	0.321557	2.37478	2.37478	0.282808	2.56645	2.56645	0.754327	0.767307	-1.3036	0.208193	0.30685	3.06685	0.595781	1.57171	1.57171	0.494823	1.7958	1.7958	0.788894	1.25438	1.25438	0.863479	8.67066	10.0415	1
cg22048132	TNFSF13;INTS2;INTS2	0.579702	0.595769	1.17861	1.17861	0.324472	1.35652	1.35652	0.458335	1.65637	1.65637	0.725585	0.807479	-1.23875	0.0923502	0.551933	-1.81172	0.35011	0.446286	-2.24055	0.0997	0.18278	-5.47033	0.0923752	0.16568	-6.03676	0.369707	0.15419	1.59709	0.875812	1.30679	1.32628	1
cg01261908	DDAH2;DDAH2	0.579747	0.259443	1.16753	1.16753	0.714986	0.95286	-1.04947	0.0982451	1.26969	1.26969	0.659125	0.943227	-1.06019	0.696376	1.05299	1.05299	0.763844	1.04047	1.04047	0.533858	0.92039	-1.0865	0.223137	1.18357	1.18357	0.58732	1.07482	1.07482	0.875868	0.240449	0.244042	1
cg08235594	RORO1;RORO1;RORO1;RORO1	0.579751	0.0982359	0.0982359	0.0982359	0.0982359	0.07886	0.07886	0.0982359	0.0982359	0.0982359	0.0982359	0.44105	0.445468	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.0982359	0.875864	0.875864	0.875864	0.875864	0.875864	1
cg11023224	TMEM132D	0.579754	0.605482	0.636149	-1.57196	0.791843	0.794843	-1.25811	0.803586	1.2415	1.2415	0.766049	1.29567	1.29567	0.348656	0.43276	-2.31075	0.416301	0.486177	-2.05686	0.0682049	0.160879	-5.88654	0.172695	0.283718	-3.52462	0.959753	0.957139	-1.04478	0.87579	10.4524	10.6087	1
cg01260158	CITED2;CITED2;CITED2	0.579755	0.238384	0.662171	-1.51018	0.910771	1.01813	1.01813	0.393234	1.33903	1.33903	0.266659	0.67955	-1.47156	0.862625	0.943827	-1.05952	0.181257	0.622646	-1.60605	0.976247	1.00999	1.00999	0.44488	1.29384	1.29384	0.484731	1.26746	1.26746	0.875789	1.54558	1.5687	1
cg15367487	EIF4G2;EIF4G2	0.579763	0.154133	0.479704	-2.08531	0.387847	1.00387	1.00387	0.833068	1.76514	1.76514	0.403531	1.83068	1.83068	0.154154	0.403531	-2.47837	0.468317	0.828702	1.20604	0.546447	0.8542	-1.17069	0.0968884	0.45597	-2.19337	0.154771	1.17147	1.17147	0.875776	0.809944	0.810374	1
cg13475031	RAD23B	0.579763	0.565123	0.733338	-1.36361	0.1277776	-2.41553	-2.40654	0.710014	0.819381	-1.22043	0.977902	1.01488	1.01488	0.83621	0.895466	-1.11674	0.238735	0.93112	1.93112	0.258731	0.533409	-1.87473	0.728592	1.20417	1.20417	0.46697	1.48406	1.48406	0.875775	3.94544	4.00452	1
cg08940001	MAPRE3	0.579764	0.268153	0.758048	1.31918	0.435718	1.01657	-1.47857	0.0615381	1.08356	1.08356	0.828876	1.09518	1.09518	0.852311	0.909832	-1.1002	0.884389	1.11094	1.11094	0.707583	0.983332	-1.01695	0.874182	1.10994	1.10994	0.857475	1.00794	1.00794	0.875775	0.64169	0.64822	1
cg16570019	COL9A3	0.579771	0.835445	0.964233	-1.03709	0.1185	1.34548	1.34548	0.692486	1.07208	1.07208	0.574918	1.10431	1.10431	0.0705495	1.42459	1.42459	0.443797	1.1501	1.1501	0.818124	1.04116	1.04116	0.783689	1.952958	1.04936	0.884429	1.0258	1.0258	0.875763	0.425274	0.431648	1
cg11635101	MAD1L1;MAD1L1;MAD1L1;TCF12;TCF12;TCF12;TCF12;TCF12;TCF12	0.579782	0.913764	0.961975	-1.03953	0.224044	1.5795	1.5795	0.325657	0.695447	-1.43792	0.864968	1.0628	1.0628	0.25655	0.653882	-1.52933	0.490959	1.28451	1.28451	0.593568	0.824667	-1.21261	0.490344	1.28498	1.28498	0.263752	1.51727	1.51727	0.875746	1.77636	1.80302	1
cg17396978	2,TCF12;TCF12;LOC145783	0.5979	0.649996	0.921544	-1.08514	0.430392	1.15483	1.15483	0.245193	0.804601	-1.24285	0.731616	1.06351	1.06351	0.990163	1.00087	1.00087	0.974603	1.00571	1.00571	1.005741	0.989444	0.751397	-1.19782	0.941458	0.98695	-1.01322	0.375557	1.17663	1.17663	0.875703	0.443675	0.450341	1
cg20878039	CWC22;CWC22	0.598053	0.988752	1.00495	1.00495	0.9559	1.18581	1.18581	0.182813	1.74819	1.74819	0.687124	1.31999	1.31999	0.279422	1.11294	1.11294	0.913025	0.947615	-1.05527	0.442252	0.781355	1.27981	0.782382	1.04944	1.04944	0.952452	1.01251	1.01251	0.875655	1.14223	1.18174	1
cg01528559	FRMD4A	0.579804	0.365451	0.603003	-1.65837	0.552883	1.3862	1.3862	0.367898	1.65387	1.65387	0.652956	0.78139	-1.27977	0.173861	0.455202	-2.19683	0.294879	0.553806	-1.80568	0.75951	0.846179	-1.18178	0.985568	0.990209	-1.00989	0.187724	0.467936	-2.13705	0.875711	4.10401	4.16577	1
cg16080809	CSPG5	0.579807	0.617851	1.51564	1.51564	0.378951	1.33589	1.33589	0.0982359	1.10069	1.10069	0.935271	1.02834	1.02834	0.20734	1.73523	-1.34673	0.970218	1.00923	1.00923	0.944974	0.97024	-1.03067	0.0982359	0.98091	-1.01978	0.732411	1.36536	0.875706	0.838537	0.85116	1
cg19211853	RBM26	0.579818	0.976019	1.02042	1.02042	0.579777	1.45664	1.45664	0.181197	0.829555	-1.20587	0.631057	0.711053	-1.40636	0.362157	0.532644	-1.87743	0.853528	1.13059	1.13059	0.837145	1.14845	1.14845	0.302571	1.05075	1.05075	0.157439	0.361796	0.763698	0.875848	6.27243	6.36088	1
cg22380476	CTDSPL;CTDSPL	0.579826	0.956017	0.965865	-1.03534	0.27541	2.04322	2.04322	0.223109	2.2392	2.2392	0.752304	1.22064	1.22064	0.246173	0.465927	-2.14626	0.303333	1.95692	1.95692	0.391515	0.575315	-1.73818	0.495749	1.54582	1.54582	0.851343	0.888572	-1.1254	0.875676	5.49954	5.58252	1
cg18222913	TMEM132C	0.579829	0.615955	1.51564	1.51564	0.378951	1.33589	1.33589	0.0982359	1.10069	1.10069	0.935271	1.02834	1.02834	0.20734	1.73523	-1.34673	0.970218	1.00923	1.00923	0.944974	0.97024	-1.03067	0.0982359	0.98091	-1.01978	0.732411	1.36536	0.875706	0.838537	0.85116	1
cg22850925	ZNF827	0.579829	0.277985	0.568604	-1.75869	0.150035	0.16459	0.16459	0.267717	1.7821	1.7821	0.433927	0.6706	-1.4912	0.547173	0.737217	-1.35645	0.852663	0.09751	1.09751	0.689916	1.22226	1.22226	0.841902	0.904889	-1.10511	0.51626	0.71937	-1.39011	0.875671	3.47337	3.5258	1
cg04165377	SNAPC4	0.579834	0.740094	0.797478	-1.30319	0.676041	1.39712	1.39712	0.397392	1.99281	1.99281	0.144605	0.286372	-3.49196	0.421932	0.521864	-1.91621	0.129822	0.271947	-3.67718	0.673845	0.40052	2.49752	0.700271	0.735963	-1.36043	0.740319	0.662724	-1.30339	0.875664	8.76154	8.91417	1
cg04175593	UBTD1;MMS19	0.579834	0.290355	0.650509	-1.53726	0.708265	1.44424	1.44424	0.179042	0.85663	-1.16737	0.906511	0.955253	-1.04684	0.38636	2.58705	-1.44125	7	7	7	0.0973373	2.05391	2.05391	0.171798	1.14957	1.14957	0.796394	0.904134	-1.10601	0.869547	1.83931	1.83072	1
cg16195804	C12orf65;C12orf65	0.579842	0.292301	1.2184	1.2184	0.126643	1.34814	1.34814	0.75207	0.944306	-1.05898	0.390964	0.853067	-1.17224	0.476759	0.877391	-1.13974	0.449881	1.14936	1.14936	0.558718	0.898605	-1.11284	0.986102	0.996856	-1.00315	0.529032	0.8911	-1.12221	0.87565	0.453316	0.460169	1
cg02072256	NDUFA6;MORN5	0.579847	0.443313	1.1419	1.1419	0.215998	1.0851	1.0851	0.842643	1.40399	1.40399	0.471595	1.38084	1.38084	0.0981509	1.56369	1.56369	0.80438	0.81666	-1.08166	0.7864	0.976851	1.02407	0.815163	0.928606	-1.07688	1.082	1.75307	1.32795	0.875874	1.3879	1.40852	1
cg14224170	SAFB2	0.579851	0.98972	1.00178	1.00178	0.457849	1.10968	1.10968	0.0990442	1.28268	1.28268	0.891944	1.01889	1.01889	0.335483	1.14651	1.14651	0.741663	1.14936	1.14936	0.558718	0.898605	-1.11284	0.986102	0.996856	-1.00315	0.529032	0.8911	-1.12221	0.87565	0.453316	0.460169	1
cg23654002	MDGA2	0.579853	0.346859	1.21705	1.21705	0.0527932	1.56542	1.56542	0.441522	1.37325	1.37325	0.779742	1.05874	1.05874	0.557334	0.877348	-1.13993	0.743434	0.935321	-1.06915	0.475635	0.59014	1.69456	0.0980513	-1.01367	0.08541	1.00373	0.875636	0.875479	0.874792	0.583492	1
cg02320048	PIP5K1C	0.579876	0.251051	0.291363	-3.43215	0.7117	1.46479	1.46479	0.55627	1.84589	1.84589	0.360587	0.380422	-2.62866	0.148687	2.203364	4.9573	0.735206	0.70535	-1.41774	0.239037	0.283413	-3.55349	0.233262	0.276606	-3.61525	0.565909	0.553719	-1.80597	0.875596	14.6632	14.8858	1
cg09211336	DUS3L;DUS3L	0.579878	0.651121	1.11088	1.11088	0.942114	0.983365	-1.01692	0.304234	0.782093	-1.27862	0.116466	1.48293	1.48293	0.502165	0.854423	-1.17038	0.420677	1.20929	1.20929	0.479514	0.847011	-1.18062	0.394685	0.817607	-1.22308	0.946494	0.984616	-1.01562	0.875594	0.739938	0.751173	1
cg12958778	TBC1D14;TBC1D14	0.579879	0.382707	0.731551	-1.36705	0.725125	1.06497	-1.10927	0.0649986	1.27644	-1.37467	0.436862	1.38525	1.38525	0.0981509	1.56369	1.56369	0.80438	0.81666	-1.08166	0.7864	0.976851	1.02407	0.815163	0.928606	-1.07688	1.082	1.75307	1.32795	0.875874	1.3879	1.40852	1
cg01031907	IGFL3	0.57992	0.329208	0.431985	-2.3149	0.985253	0.101553	2.01553	0.751106	0.767021	-1.30375	0.927385	1.07894	1.07894	0.789448	0.795259	-1.25745	0.852538	1.16778	1.16778	0.172466	1.35474	1.35474	0.573414	1.60674	1.60674	0.109	0.232959	-4.29259	0.875528	9.62435	9.78128	1
cg12238505	CYHR1;KIFC2;KIFC2;CYHR1;CYHR1	0.57993	0.781553	1.18994	1.18994	0.252766	1.29172	1.29172	0.21162	0.640618	1.56078	1.56078	0.512268	1.18984	1.18984	0.0981509	1.56369	1.56369	0.80438	0.81666	-1.08166	0.7864	0.976851	1.02407	0.815163	0.928606	-1.07688	1.082	1.75307	1.32795	0.875874	1.3879	1.40852	1
cg25716814	NFIX	0.579934	0.291996	0.481074	-2.07868	0.0562678	0.235329	-4.24938	0.661673	0.74475	-1.34273	0.760411	1.22715	1.22715	0.249366	0.446755	-2.23836	0.524234	0.649256	-1.54022	0.407704	0.567338	-1.76262	0.396318	0.559149	-1.78843	0.772292	0.8235	-1.21433	0.875505	6.21089	6.30584	1
cg19909909	TXN	0.579936	0.273843	1.31685	1.31685	0.150385	0.688924	-1.45154	0.386794	1.23916	1.23916	0.823608	0.947466	-1.05545	0.563719	1.15152	1.15152	0.731989	1.08665	1.08665	0.305728	0.773877	-1.29219	0.577451	0.872808	-1.14573	0.61852	1.12901	1.12901	0.875502	0.810146	0.822533	1
cg11983405	MYO7B	0.579937	0.529027	1.41535	1.41535	0.25093	1.08479	1.08479	0.713064	0.908338	-1.44126	0.632793	1.11382	1.11382	0.0981509	1.56369	1.56369	0.80438	0.81666	-1.08166	0.7864	0.976851	1.02407	0.815163	0.928606	-1.07688	1.082	1.75307	1.32795	0.875874	1.3879	1.40852	1
cg20415643	ROS1;ROS1	0.57994	0.292265	1.97747	1.97747	0.918501	0.938132	-1.06595	0.851108	0.889361	-1.1244	0.345102	1.8345	1.8345	0.863757	0.898376	-1.11312	0.289362	1.98623	1.98623	0.595222	1.39737	1.39737	0.100823	3.06917	3.06917	0.178567	2.43949	2.43949	0.875495	5.39878	5.48138	1
cg13401987	APH1B;APH1B	0.579942	7	7	7	0.416191	7.37107	7.37107	0.751764	1.31851	1.31851	0.689953	0.707158	-1.41411	0.501002	1.62323	1.62323	7	7	7	0.0973373	2.05391	2.05391	0.171798	1.14957	1.14957	0.796394	0.904134	-1.10601	0.869547	1.83931	1.83072	1
cg05676510	SNTG2	0.579944	0.936355	0.98361	-1.01666	0.122622	1.41366	1.41366	0.229471	1.29815	1.29815	0.759981	1.06546	1.06546	0.507721	1.12695	1.12695	0.190043	1.33269	1.33269	0.170604	1.35251	1.35251	0.830665	0.956652	-1.04531	0.991707	1.00215	1.00215	0.875488	1.593742	0.60283	1
cg01524990	FL

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg16178003	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.580462	0.46418	0.685335	-1.45934	0.167182	2.11028	2.11028	0.902016	1.06446	1.06446	0.685737	0.813573	-1.22915	0.272514	0.560323	-1.78469	0.712047	1.20687	1.20687	0.991096	1.00536	1.00536	0.1869	0.491878	-2.03303	0.407651	0.650789	-1.5366	0.87467	3.56324	3.62117	1
cg07700062	HEATR1	0.580462	0.756809	1.14581	1.14581	0.913395	1.04883	1.04883	0.962549	1.02079	1.02079	0.0477673	0.370906	-2.6961	0.267967	1.65802	1.65802	0.890957	0.941666	-1.06195	0.941602	1.10152	1.10152	0.84015	0.897032	-1.11479	0.742769	0.865621	-1.15524	0.846669	2.65986	2.70311	1
cg09721380	HAS3;HAS3 LOC283050;LOC283050;LOC283050;ZM	0.580466	0.142088	1.59074	1.59074	0.205692	1.4809	1.4809	0.424178	1.27132	1.27132	0.53195	0.830105	-1.20467	0.898472	0.963153	-1.03826	0.189547	1.50488	1.50488	0.419203	1.27476	1.27476	0.372688	1.30887	1.30887	0.581441	1.17793	1.17793	0.874663	1.19828	1.21777	1
cg19339940	I21	0.58047	0.564838	1.15164	1.15164	0.362605	0.796911	-1.25484	0.738256	0.92186	-1.08476	0.916223	1.025861	1.02586	1.03586	0.94216	1.26342	1.26342	1.26342	0.292873	1.30308	1.30308	0.761152	1.07677	1.07677	0.84279	1.04935	1.04935	0.0748583	1.61823	0.874657	0.815325	0.828592	1
cg03814803	LOC100132215	0.580473	0.691353	0.86823	-1.15197	0.19887	0.618341	-1.61723	0.844434	1.07204	1.07204	0.613671	0.842807	-1.18518	0.396453	1.18613	0.421987	0.748811	-1.33527	0.959964	1.01793	1.01793	0.150417	1.72599	1.72599	0.37625	1.37922	1.37922	0.478745	1.20044	1.20044	0.874656	1.73677	1.76503	1
cg15315385	WT1;WT1;WT1;WT1	0.580488	0.323629	2.59202	2.59202	0.210848	3.42719	3.42719	0.624874	1.58472	1.58472	0.517232	0.541475	-1.84681	0.604211	0.613505	-1.62998	0.511252	0.536607	-1.86356	0.763372	0.754205	-1.3259	0.127551	4.66198	4.66198	0.888197	1.14045	1.14045	0.874629	12.0915	12.2886	1
cg10987503	C7orf20	0.580497	0.84029	0.914159	-1.09366	0.108708	2.17342	2.17342	0.419366	1.4425	1.4425	0.756717	1.349781	1.34785	0.209479	0.550228	-1.79847	0.883754	0.937145	-1.06707	0.507175	0.744857	-1.34797	0.426537	1.43369	1.43369	0.936319	1.09609	1.09609	0.874614	2.72727	2.77178	1
cg07528097	TRANK1	0.580508	0.461486	0.8991	-1.11222	0.449577	1.115511	-1.05054	0.617003	1.06739	1.06739	0.23001	0.836692	-1.19518	0.396455	0.884098	-1.1311	0.526334	0.736919	-1.357	0.319262	1.62646	1.62646	0.968642	0.981686	-1.01866	0.628298	1.25816	1.25816	0.880767	3.03903	2.66601	1
cg00752045	PAFAH1B1	0.580511	0.992566	1.00439	1.00439	0.195208	0.522161	-1.91512	0.11052	0.436622	-2.29031	0.665813	0.815051	-1.22692	0.631968	0.796797	-1.25503	0.553974	0.805483	-1.24139	0.348096	2.87377	2.87377	0.184214	1.04688	0.954957	0.952025	1.04688	0.874743	8.1415	8.47805	1
cg06844930	ANKRD50;ANKRD50;ANKRD50;ANKRD5 0	0.580524	0.367233	0.782219	-1.27841	0.572152	1.16343	1.16343	0.309571	0.756658	-1.3216	0.20682	1.4234	1.4234	0.59545	0.855121	-1.16942	0.752345	0.919482	-1.08757	0.334949	0.768219	-1.30171	0.291696	1.33659	1.33659	0.904298	1.068607	-1.03241	0.875471	0.974011	0.989957	1
cg04160894	DUT;DUT;DUT	0.580531	0.307999	0.824522	-1.21282	0.367244	1.18456	1.18456	0.563571	1.11268	1.11268	0.551402	1.1165	1.1165	0.840875	0.963908	-1.03744	0.334437	1.19965	1.19965	0.837319	0.963103	-1.03831	0.223575	0.791501	-1.26342	0.2726	0.811554	-1.2322	0.874561	0.463143	0.470731	1
cg15202954	NALCN	0.580545	0.874436	0.956585	-1.04539	0.641604	0.876723	-1.14061	0.314079	0.746616	-1.33938	0.732529	1.10107	1.10107	0.892404	0.973471	-1.16108	0.860872	0.951956	-1.05047	0.948421	0.982006	-1.01832	0.91029	1.05288	1.05288	0.594354	1.27744	1.27744	0.874538	1.09106	1.10896	1
cg03054162	PCYOX1;PCYOX1	0.580555	0.991153	0.997847	-1.00216	0.535624	0.885734	-1.12903	0.122448	1.38327	1.38327	0.368899	0.855074	-1.1975	0.768615	0.944253	-1.05904	0.422025	0.852597	-1.17289	0.253689	0.795627	-1.25687	0.806787	0.953472	-1.0488	0.456725	1.15879	1.15879	0.87537	0.52687	0.532264	1
cg14565783	TTLL1;TTLL1	0.580547	0.489229	1.18678	1.18678	0.0456039	0.571921	-1.74849	0.478292	1.19211	1.19211	0.572555	0.870232	-1.14912	0.917204	1.02567	1.02567	0.964849	1.0108	1.0108	0.935821	0.98056	-1.01983	0.814694	0.944376	-1.0589	0.772544	1.0732	1.0732	0.874535	0.823101	0.836519	1
cg10906115	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.580554	0.399247	0.614403	-1.62767	0.691319	0.795939	-1.26009	0.183257	2.21703	2.21703	0.962348	0.973637	-1.02708	0.930098	0.547666	-1.82593	0.415825	0.625363	-1.59907	0.718201	0.815472	-1.22628	0.141232	0.400939	-2.4426	0.89871	1.07453	1.07453	0.874524	4.41266	4.48514	1
cg08939354	SON	0.580558	0.438766	0.727826	-1.37396	0.898035	0.994487	-1.00554	0.671597	0.842359	-1.18714	0.831669	0.904606	-1.10545	0.834568	0.961284	-1.04057	0.358089	0.684156	-1.46165	0.244866	0.613016	-1.63128	0.743243	1.14137	1.14137	0.129815	1.91551	1.91551	0.874517	2.2438	2.27821	1
cg20572557	CLK4;CLK4A	0.580561	0.333101	0.866323	-1.1543	0.440394	1.11973	1.11973	0.381818	0.879048	-1.13759	0.653444	0.937108	-1.06711	0.506119	0.90759	-1.10182	0.127592	1.26718	1.26718	0.463221	1.11329	1.11329	0.602845	1.07837	1.07837	0.841138	0.971568	-1.02926	0.874512	0.286113	0.290817	1
cg23285990	PIK3CD;PIK3CD	0.580567	0.780435	1.17152	1.17152	0.210202	2.15491	2.15491	0.660681	1.20045	1.20045	0.924215	1.05538	1.05538	0.480487	1.50002	1.50002	0.939978	0.958238	-1.04356	0.291566	1.85883	1.85883	0.677601	0.78912	-1.26723	0.850775	0.898806	-1.11259	0.945	0.444654	0.451767	1
cg08732932	EYA4;EYA4;EYA4	0.580571	0.193091	0.725572	-1.37822	0.497724	0.851855	-1.17391	0.672012	1.10427	1.10427	0.106525	0.663331	-1.50754	0.445391	0.834281	-1.19864	0.286376	0.772701	-1.29416	0.84297	1.04728	1.04728	0.861564	1.04149	1.04149	0.65475	1.11053	1.11053	0.874498	0.751343	0.763707	1
cg06365091	TCEB2;TCEB2	0.580577	0.846077	0.890617	-1.12282	0.139166	0.907371	-1.10281	0.624353	1.03402	1.03402	0.103832	0.624493	-1.60402	0.218985	0.924755	-1.08154	0.253937	0.490217	-2.03956	0.139402	0.745009	-1.34217	0.453102	1.49819	1.49819	0.0733	0.670945	-1.49055	0.874483	0.415944	0.420949	1
cg26100059	ZMYND11;ZMYND11;ZMYND11	0.58058	0.981131	1.00582	1.00582	0.653916	1.11704	1.11704	0.403237	1.23341	1.23341	0.38924	1.2416	1.2416	0.923713	0.976783	1.02377	0.900071	0.969659	-1.03129	0.122693	0.663514	-1.50713	0.212774	0.724815	-1.37966	0.533143	1.16839	1.16839	0.874484	0.833091	0.846815	1
cg09990600	TMEM184A	0.580588	0.431457	0.668584	-1.4957	0.0562436	0.2566	2.9566	0.399459	1.54111	1.54111	0.882154	0.928322	-1.07721	0.684334	0.814689	-1.22746	0.757988	1.16762	1.16762	0.752552	0.853347	-1.17186	0.437004	1.4419	1.4419	0.966134	1.02152	1.02152	0.87447	3.48195	3.53936	1
cg25478603	ALDH1B1	0.580598	0.750666	0.782626	-1.27806	0.273972	0.949199	-1.05258	0.0909778	1.54386	1.54386	0.614549	0.884842	-1.13015	0.380023	1.50832	1.5097	0.876744	1.10799	1.10799	0.375284	1.28175	1.28175	0.825181	0.948238	-1.05459	0.422019	1.21732	1.21732	0.87454	0.259409	0.812605	1
cg18368883	RNF213;LOC102294362	0.580611	0.963137	1.03049	1.03049	0.123171	0.325237	-3.07468	0.156702	2.67607	2.67607	0.985349	0.988139	-1.0212	0.440497	0.599797	-1.66723	0.749169	0.81184	-1.23177	0.432544	0.594242	-1.68282	0.780226	1.19933	1.19933	0.644345	0.739229	-1.35265	0.874434	5.84782	5.94449	1
cg05202434	TTF1;9	0.580624	0.205963	0.84418	1.84418	0.847657	1.25123	1.25123	0.746705	1.15268	1.15268	0.559068	0.855081	-1.17075	0.455634	1.20768	1.20768	0.309933	1.42081	1.42081	0.0139	2.78398	2.78398	0.544023	0.696531	-1.43605	0.0411	2.25446	2.25446	0.874514	24.3414	24.7444	1
cg13909895	ARSA;ARSA;ARSA;ARSA;ARSA	0.580627	0.717509	1.82083	1.82083	0.137765	1.57567	1.57567	0.28271	0.63046	0.30404	0.0826944	23.8044	23.8044	0.202372	2.2355591	2.44464	0.863025	1.32954	1.32954	0.373878	1.47092	1.47092	0.0145	0.450691	0.864807	0.787322	-1.27013	0.952486	1.10328	1.10328	0.874408	37.6782	38.3021	1
cg09745160	ALX4;HS	0.580629	0.466365	0.807603	-1.23823	0.969727	1.011	1.011	0.44831	1.24952	1.24952	0.364666	0.764503	-1.30804	0.466419	0.807625	-1.2382	0.415401	0.786645	-1.27122	0.404506	0.782011	-1.27875	0.581316	1.17417	1.17417	0.146133	1.56794	1.56794	0.874406	1.15088	1.16994	1
cg08275242	IGBP1	0.580638	0.264407	1.37981	1.37981	0.163422	0.912205	1.09641	0.14734	1.60778	1.60778	0.84881	0.840045	1.20045	0.924215	1.05538	1.05538	0.480487	1.50002	1.50002	0.150492	0.939978	0.958238	-1.04356	0.291566	1.85883	1.85883	0.677601	0.78912	-1.26723	0.850775	0.898806	-1.11259	0.945	0.444654	0.451767	1
cg08258978	SRD5A1	0.58064	0.468125	0.546104	-1.83115	0.159711	0.291946	-3.42529	0.525105	0.588948	-1.69506	0.243394	0.36778	-2.71901	0.0960833	0.223666	4.47095	0.314369	0.4263	-2.34576	0.521059	0.586822	-1.70408	0.680924	0.712608	-1.4033	0.200589	0.330279	-3.02774	0.874389	0.29951	0.945373	1
cg10553596	NEU4;NEU4;NEU4;NEU4;NEU4 PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPL	0.580648	0.577735	0.707824	-1.41278	0.326167	0.51307	-1.87593	0.641393	0.749596	-1.33405	0.723528	1.2439	1.2439	0.234129	0.625729	-1.2099	0.509328	0.62552	-1.51936	0.188304	0.424422	-2.35614	0.0977203	0.875304	1.14167	0.0135	0.0	0.874383	0.228615	1.15667	0.948376	0.238615	0.315344	1
cg24994818	A6	0.580649	0.299512	0.79376	-1.35179	0.195172	1.46832	1.46832	0.338687	1.31849	1.31849	0.441603	0.803044	-1.24526	0.45139	0.791852	-1.26286	0.634723	0.874438	-1.14359	0.460061	0.809882	-1.23474	0.341672	0.790938	-1.26481	0.731225	0.903562	-1.10734	0.874375	1.08838	1.10564	1
cg13777502	KPNA2	0.580658	0.113757	0.821525	1.4706	0.724195	0.941331	-1.04131	0.148072	1.83101	1.54771	0.634084	0.946088	1.05631	0.790326	0.970013	-1.03091	0.71241	1.04321	1.04321	0.15662	0.841046	1.189	0.721942	0.959997	-1.04167	0.479321	1.08685	1.08685	0.874359	0.180759	0.183763	1
cg04667743	RIN2	0.580662	0.840384	1.16682	1.16682	0.756897	0.788544	-1.26816	0.450946	0.555631	-1.79975	0.748868	1.27856	1.27856	0.389036	1.96477	1.96477	0.350196	2.08694	2.08694	0.0883276	4.21519	4.21519	0.28545	2.33683	2.33683	0.367543	2.03027	2.03027	0.874354	8.10577	8.24052	1
cg19282973	C2orf48	0.580672	0.926403	1.02457	1.02457	0.402574	0.82814	1.20884	0.298387	0.845829	-2.40483	0.478113	0.95997	1.07847	0.599127	1.25463	-1.04834	0.326434	1.32756	1.32756	0.0221536	3.02984	3.02984	0.0204	2.32556	2.32556	0.0224861	3.02904	3.02904	0.874353	1.15933	1.17713	1
cg10698889	RPS6KA2	0.580677	0.0962247	0.35372	3.05372	0.156554	2.52422	2.52422	0.379355	1.73528	1.73528	0.160685	2.68063	2.45431	0.245861	2.45431	0.684663	1.27911	2.2791	2.2791	0.0198	1.95426	1.95426	0.63147	1.34361	1.34361	0.723709	1.24225	1.24225	0.874328	0.172335	0.52848	1
cg13817358	MED27	0.580678	0.791279	0.866992	-1.15341	0.761202	1.17823	1.17823	0.382588	0.617655	-1.61903	0.180241	2.15054	2.15054	0.475406	0.676691	-1.47778	0.363157	1.7039	1.7039	0.163354	2.22671	2.22671	0.65573	1.2731	1.2731	0.774243	0.85663	-1.16737	0.874328	0.400951	0.407629	1
cg13741802	RIBC1;SMC1A;RIBC1	0.580685	0.320482	0.774552	-1.29107	0.0925	0.2575	-3.8826	0.0749758	0.2575	-3.8826	0.0749758	0.10059	9.94435	0.0153278	0.10059	9.94435	0.0153278	0.10059	9.94435	0.0153278	0.163351	6.12615	0.0165319	-1.0475	-1.0475	0.788254	1.14955	1.14955	0.153318	1.36404	1.37117	1.37764	1
cg23455897	KIF16B	0.580691	0.719856	0.932633	-1.07223	0.24091	1.26839	1.26839	0.167788	1.33447	1.33447	0.297526	0.811282	-1.23262	0.678238	0.922386	-1.08414	0.707127	0.929515	-1.07583	0.76653	0.943969	-1.05936	0.316717	0.825461	-1.21144	0.557414	0.891452	-1.12176	0.874308	0.519286	0.527946	1
cg24236465	RAD51;RAD51;RAD51;RAD51	0.580703	0.506268	0.760268	-1.31509	0.872016	0.822201	-1.2155	0.367131	1.54386	1.54386	0.611549	0.884842	-1.13015	0.380023	1.50832	1.5097	0.876744	1.10799	1.10799	0.375284	1.28175	1.28175	0.825181	0.948238	-1.05459	0.422019	1.21732	1.21732	0.87454	0.259409	0.812605	1
cg05033052	C10orf140	0.580714	0.487271	0.796913	-1.25484	0.235053	0.67011	-1.49229	0.507975	0.805721	-1.24112	0.513672	0.808121	-1.23744	0.464487	1.27056	1.27056	0.306878	1.40529	1.40529	0.360624	1.35295	1.35295	0.860989	1.058	1.058	0.299442	1.41325	1.41325	0.874271	1.43252	1.45647	1
cg11981371	ZNF616	0.580715	0.715963	0.759837	-1.31595	0.497582	1.31335	1.78335	0.695196	1.38514	1.38514	0.344185	0.959129	-1.27867	0.681212	0.710102	-1.40825	0.766787	1.18383	1.18383	0.109914	2.81238	2.81238	0.0622	1.23378	1.23378	0.111985	4.25737	4.25737	0.874266	9.7312	9.93463	1
cg01263308	CRB3;CRB3	0.580724	0.876655	0.928155	-1.07699	0.144109	0.561355	-1.5155	0.594764	1.29224	1.29224	0.540689	0.723784	-1.3816	0.837693	0.829701	-1.20547	0.67266	0.816339	-1.22498	0.54761	0.74783	-1.3372	0.886976	0.934345	-1.07027	0.114645	2.26895	2.26895	0.874255	3.15726	3.21011	1
cg18528089	BIK	0.580726	0.447037	0.629835	-1.58772	0.194054	2.26964	2.26964	0.0882492	3.07117	3.07117	0.735156	0.816659	-1.2245	0.772233	0.841029	-1.18902	0.827682	0.87806	-1.13887	0.787656	1.17474	1.17474	0.511431	1.48776	1.48776	0.717226	0.804963	-1.24229	0.874252	4.92695	5.00944	1
cg05977147	SLC35A1;SLC35A1	0.580727	0.245848	1.29966	1.29966	0.137624	0.822402	-1.21653	0.355171	0.832756	-1.23038	0.647205	1.0144	1.0144	0.544309	1.14564	1.14564	0.987526	1.03038	1.03038	0.915445	0.744104	-1.3439	0.722117	0.992217	-1.00784	0.295349	1.26395	1.26395	0.874251	0.645514	0.659324	1
cg09438955	KLF12	0.580746	0.584256	0.917632	-1.08976	0.124512	0.29434	1.29434	0.290531	0.843127	-1.18606	0.348851	0.860682	-1.16187	0.908579	0.982289	-1.01803	0.511011	0.901489	-1.10928	0.900287	1.01969	1.01969	0.768156	0.955056	-1.04706	0.343964	1.16375	1.16375	0.874221	0.335059	0.340681	1
cg15494174	AP1T1;AP1TD1;AP1TD1	0.580748	0.737765	0.937586	-1.07007	0.460865	1.18208	1.18208	0.0994202	1.2772	1.2772	0.225199	0.757056	-1.32091	0.775399	1.06608	1.06608	0.25647	0.762332	-1.3039	0.547197	0.785552	-1.27314	0.244137	0.876264	-1.14197	0.202049	0.744377	-1.34341	0.761552	0.99318	-1.00691	0.874217	0.692837	0.704499	1
cg06199468	C16orf80	0.580756	0.56197	1.73031	1.73031	0.144884	0.638626	-1.56586	0.900908	1.0277	1.0277	0.102955	0.51497	1.51847	0.136902	4.33428	4.33428	0.753374	0.749393	-1.33441	0.644795	1.5097	1.5097	7	1.5097	1.5097	7	1.5097	1.5097	0.997399	0.997021	-1.00295	0.861772	0.16337	0.17939	1
cg02234820	LPAR1	0.580760	0.549217	0.907052	-1.10247	0.988002	1.00242	1.00242	0.138229	0.773423	-1.29295	0.174411	0.7925	-1.26183	0.531859	0.903086	-1.10731	0.172647	0.791647	-1.26295	0.174412	0.921502	1.01582	0.390546	0.867945	-1.15215	0.577637	0.09478	0.874189	0.358774	0.364807	1
cg07311845	TMLHE	0.580773	0.130873	0.9931	-1.0071	0.0132	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.301762	0.543716	1.8393	0.832621	0.686447	-1.1281	0.902385	1.14955	1.14955	0.0001	0.0001	0.0001	0.874183	0.0001	0.0001	1
cg15119650	HS3ST3B1;MGC12916	0.580774	0.145928	0.294605	-3.39438	0.336267	0.460151	-2.1732	0.733402	0.765176	-1.30689	0.608851	1.51174	1.51174	0.818437	0.835261	-1.19723	0.309069	0.438617	-2.27989	0.884255	1.1208	1.1208	0.452587	1.8204	1.8204	0.287964	2.37185	2.37185	0.874176	8.48542	8.62824	1
cg18264330	RPRM;RPRM	0.580781	0.993388	1.00023	1.00023	0.705456	1.04498	1.04498	0.123333	1.12338	1.12338	0.372736	1.11185	1.11185	0.959396	0.993264	-1.00675	0.762087	1.18383	1.18383	0.109914	2.81238	2.81238	0.0622	1.23378	1.23378	0.111985	4.25737	4.25737	0.874266	9.7312	9.93463	1
cg05208607	KIAA1609	0.580781	0.396525	0.38506	-2.597	7	7	7	0.156257	5.29705	5.29705	0.623911	0.580881	-1.72152	0.304027	2.3102329	3.22239	0.580284	0.84771	1.84771	0.489071	2.16515	2.16515	0.370908	0.657194	-1.52162	0.496799	1.46843	1.46843	0.874157	14.6581	17.01	1
cg20745431	WASF2;WASF2	0.580792	0.512626	1.23489	1.23489	0.764456	0.90894	-1.10018	0.859113	1.05808	1.05808	0.0441595	0.479676	-2.08474	0.379673	0.75101	-1.33154	0.820356	1.07494	1.07494	0.997594	1.00096	1.00096	0.73669	1.11318	1.11318	0.968257	1.01272	1.01272	0.874147	1.39761	1.42118	1
cg05702952	PDK1	0.580794	0.459191	0.833455	-1.20019	0.402582	1.20234	1.20234	0.249554	1.1028	1.1028	0.661209	0.831562	-1.20282	0.691132	0.809312	-1.23557	0.465706	0.703522	-1.42145	0.649791	0.816895	1.08569	0.921104	1.11896	1.11896	0.468687	0.870011	1.15902	0.874144	0.870011	0.851129	1
cg18449048	SLC5A10;SLC5A10	0.580796	0.309217	0.7715	-1.29618	0.373642	0.798411	-1.25249	0.782041	0.933917	-1.07076	0.506546	0.846906	-1.18077	0.753751	0.862724	-1.15912	0.168109	0.696212	-1.43634	0.0655808	0.600847	-1.66432	0.572388	0.868814	-1.15099	0.264095	0.750544	-1.33237	0.874141	0.841307	0.85555	1
cg06098215	NCOA4;NCOA4;NCOA4;NCOA4;NCOA4	0.580797	0.596002	0.691037	-1.4471	0.291861	0.469827	-2.12844	0.215908	0.406756	-2.45848	0.586416	0.684256	-1.46144	0.882095	0.902573	-1.10794	0.446397	0.585044	-1.70927	0.220688	0.410944	-2.43342	0.196359	2.56916	2.56916	0.542414	0.653178	-1.53088	0.87414	6.60465	6.71609	1
cg24412469	KIF14	0.580798	0.519077	1.13978	1.13978	0.150677	1.36121	1.36121	0.631914	0.908954	-1.10037	0.567691	1.12257	1.12257	0.677925	1.08719	1.08719	0.452953	1.16538	1.16538	0.353624	0.828161	-1.20748	0.528933	1.1362	1.1362	0.142073	1.37156	1.37156	0.874138	0.554727	0.564087	1
cg27627674	DUSP26	0.580799	0.833787	0.903725	-1.10679	0.0748493	1.31099	1.31099	0.177528	1.28888	1.28888	0.16556	1.38412	1.38412	0.0189422	1.84861	1.84861	0.260267	1.95755	1.95755	0.88274	1.10842	1.10842	0.497148	1.14981	1.14981	0.932607	1.04952	1.04952	0.874099	4.52599	4.60646	1
cg19328649	PRDM12 PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK	0.580805	0.166874	0.809974	-1.24848	0.251259	0.834845	-1.19783	0.288384	0.847068	-1.18054	0.91661	0.984352	-1.01259	0.94258	1.01091	1.01091	0.141698	0.788247	-1.26864	0.786188	1.0418	1.0418	0.734079	1.05269	1.05269	0.675141	1.06553	1.06553	0.874128	0.313945	0.319246	1
cg27370471	6;PCSK6;PCSK6	0.580821	0.438083	0.568842	-1.75796	0.723386	0.776102	-1.28849	0.240351	0.456118	-2.40316	0.222929	0.401141	-2.49289	0.147553	0.330115	-3.02925	0.457047	1.76337	1.76337	0.184117	1.10963	1.10963	0.57257	1.50183	1.50183	0.780891	1.22004	1.22004	0.874103	7.04266	7.16179	1
cg15606180	C19orf28;C19orf28;C19orf28	0.580823	0.465893	1.28418	1.28418	0.695259	0.87573	-1.1419	0.894618	1.04568	1.04568	0.987049	1.00549	1.00549	0.0734997	0.503184	-1.95931	0.943613	1.02413	1.02413	0.470921	1.28045	1.28045	0.278178	1.46241	1.46241	0.717712	0.88482	-1.13017	0.874098	1.57282	1.59944	1
cg03599115	RPS6KB2	0.580826	0.390057	2.56412	2.56412	0.5123	0.480202	2.08278	0.148778	0.602434	1.66001	0.0915967	0.470666	2.12477	0.0915967	0.470666	2.12477	0.315643	3.17262	3.17262	0.0162585	0.76963	1.29926	0.574161	0.765945	-1.30558	0.714007	0.841738	-1.18802	0.874094	0.50326	0.51464	1
cg03176585	MRPS35

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg17442250	PSMB9;PSMB9;TAP1	0.581336	0.501925	0.377414	-2.64961	0.6044338	0.051285	-19.4998	0.727554	0.6064483	-1.64685	0.1949817	0.140809	-7.10182	0.447709	0.327407	-3.0543	0.895344	1.02705	1.207054	0.4543401	0.336788	-2.59023	7	0.67931	0.5519	-1.81192	0.8608444	24.7759	28.7809	1
cg26339990	CBorf79;CBorf79	0.581338	0.223228	0.325368	-3.07344	0.1213193	0.229154	-4.36388	0.18115	0.287781	-3.47486	0.865743	0.862035	-1.16005	0.1894	0.295334	-3.186	0.613194	0.639395	1.563098	0.4230006	0.487732	-2.05031	0.24017	0.3309449	-2.94162	0.708179	0.719006	-1.39081	0.873285	10.646	10.8362	1
cg05309760	SYNE1;SYNE1;SYNE1;SYNE1	0.581342	0.519483	0.871704	-1.14718	0.2009106	1.32849	1.32849	0.693952	1.08671	1.08671	0.242531	1.29328	1.29328	0.781528	1.0602	1.0602	0.111007	1.44158	1.44158	0.520159	1.14692	1.14692	0.573052	1.12721	1.12721	0.594542	0.893183	-1.11959	0.8732779	0.6115333	0.6224664	1
cg16342620	SCHIP1	0.581343	0.545265	1.04831	1.04831	0.9359924	0.946222	-1.05043	0.364768	0.527302	-1.89644	0.646644	1.37328	1.37328	0.407405	0.555661	-1.79659	0.984836	1.03315	1.031315	0.1688071	2.74042	2.74042	0.126788	3.11022	3.11022	0.628086	1.398858	1.398858	0.8732268	6.53146	6.6483	1
cg07962043	TMEM132A;TMEM132A	0.58135	0.416241	0.885931	-1.12876	0.151256	0.799184	-1.25128	0.189296	1.2247	1.2247	0.947988	1.00955	1.00955	0.497204	1.10569	1.10569	0.353071	1.14945	1.14945	0.640137	1.07104	1.07104	0.860129	0.97625	-1.02433	0.821027	0.96751	-1.03358	0.8732666	0.2938872	0.2991291	1
cg06844489	LAMP1	0.581402	0.940125	1.01721	1.01721	0.717604	1.08598	1.08598	0.392884	0.8337674	-1.21986	0.382026	0.8215308	-1.22683	0.684448	0.913138	-1.09503	0.987042	1.0037	1.0037	0.0514706	0.6049396	0.6049396	0.145474	0.9280935	-1.07678	0.503888	1.16655	1.16655	0.873248	0.7133374	0.7262152	1
cg15803122	9-Sep	0.581376	0.695543	0.811072	-1.23294	0.322209	0.580152	-1.72369	0.77012	1.16884	1.16884	0.164816	0.454311	-2.20114	0.963085	0.97566	-1.02495	0.159804	2.22492	2.22492	0.797769	1.1465	1.1465	0.418273	1.55329	1.55329	0.6903335	1.23765	1.23765	0.873225	3.92042	3.99074	1
cg15840151	C10orf120	0.581393	0.229866	0.594624	-2.8383	0.077251	0.198795	-5.03057	0.157528	0.307722	-3.24969	0.79314	0.805622	-1.24128	0.96906	0.968287	-1.03252	0.340221	0.4455388	-2.24429	0.4651699	0.559921	-1.85252	0.318193	0.4419982	-2.25234	0.7558772	0.779761	-1.29209	0.873198	9.35399	9.53208	1
cg12593515	RAPGEF5	0.581404	0.709478	1.07812	1.07812	0.64073	0.879098	-1.13753	0.1918242	1.494564	1.49456	0.145964	0.2356538	1.64381	1.64381	0.778525	1.08689	0.562738	0.8412	1.18878	0.5377771	0.831624	1.20247	0.627894	0.8655597	1.15522	0.7165344	1.56532	1.56532	0.873281	1.207068	1.2294	1
cg16737215	TMEM56	0.581406	0.64956	0.915932	-1.09178	0.546566	0.889472	-1.12426	0.86495	0.967851	-1.03322	0.475402	1.1495	1.1495	0.268079	1.24789	1.24789	0.659667	1.08885	1.08885	0.529036	0.884776	-1.13023	0.197519	1.29887	1.29887	0.153444	1.341	1.341	0.873177	0.5096417	0.518786	1
cg22801913	C11orf49;C11orf49;C11orf49;C11orf49	0.581409	0.16738	0.402692	-2.48329	0.49634	1.51245	1.53245	0.487057	1.54714	1.54714	0.146403	0.6446444	-1.55124	0.318492	0.528767	-1.89119	0.485603	0.64538	-1.54947	0.4011188	0.587883	-1.70073	0.341495	0.5456577	-1.83265	0.247996	0.474066	-2.10941	0.873173	5.28219	5.37726	1
cg14830740	ZNF512;ZNF512;ZNF512	0.581425	0.526387	0.939199	-1.06393	0.399168	0.897133	-1.11442	0.282707	0.8375546	-1.19476	0.631133	0.941381	-1.06171	0.344996	0.722802	-1.38402	0.173525	1.19658	1.19658	0.657084	0.946162	-1.0569	0.327511	0.8823237	-1.13335	0.927895	1.01127	-1.01127	0.873148	0.2121515	0.2159339	1
cg21050001	SLC1A3;SLC1A3	0.581425	0.608151	0.689526	-1.45027	0.0798867	0.247333	-4.04314	0.262826	0.436975	-2.28846	0.613003	0.44288	-2.25807	0.238607	0.419775	-2.42851	0.530192	0.633108	-1.57951	0.2648992	0.43711	-2.28775	0.508234	0.617249	-1.62009	0.814427	0.844489	-1.18415	0.873147	7.14611	7.27495	1
cg15429127	DDX3Y;DDX3Y	0.581427	0.241669	0.133257	-7.50431	0.857361	1.34431	1.34431	0.853416	1.3555	1.3555	0.275056	0.647249	0.282208	0.628216	0.282277	-3.54287	0.143833	0.0755701	-13.2327	0.7932	0.649155	-1.54046	0.956159	1.09462	1.09462	0.946437	1.11683	1.11683	0.873344	37.4016	38.076	1
cg19572135	APOO;APOO;CXorf58;APOO;CXorf58	0.581441	0.271032	0.496059	-2.01721	0.717924	1.08598	1.08598	0.392884	0.8337674	-1.21986	0.382026	0.8215308	-1.22683	0.684448	0.913138	-1.09503	0.987042	1.0037	1.0037	0.0514706	0.6049396	-1.65454	0.745472	0.9280935	-1.07678	0.503888	1.16655	1.16655	0.873248	0.7133374	0.7262152	1
cg27419656	UBE2O	0.581433	0.944395	1.05054	1.05054	0.65242	1.37778	1.37778	0.174127	2.77857	2.77857	0.841572	1.15196	1.15196	0.100195	0.279962	-3.57191	0.621823	1.703671	-1.42112	0.80855	1.18718	1.18718	0.674335	0.74176	-1.34815	0.452414	1.71788	1.71788	0.873136	6.90806	7.03371	1
cg08120462	C1orf142	0.58144	0.611637	1.4429	1.4429	0.661799	1.97052	1.97052	0.09850	3.6599	3.6599	0.407633	0.545234	-1.83408	0.541942	1.55595	1.55595	0.372365	1.92671	1.92671	0.4231	0.556608	-1.7966	0.403558	1.84425	1.84425	0.459936	1.71387	1.71387	0.87123	7.09076	7.2188	1
cg06218186	MIR25;MCM7;MCM7;MIR106B;MIR93	0.58146	0.916353	1.06085	1.06085	0.106735	2.69196	2.69196	0.0584309	3.32786	3.32786	0.825776	1.13197	1.13197	0.988037	0.991605	-1.00847	0.648153	1.29477	1.29477	0.734822	1.21066	1.21066	0.564992	1.38093	1.38093	0.97508	1.01772	1.01772	0.873093	4.37193	4.45102	1
cg09533473	FAM24B;LOC399815	0.581463	0.764811	0.953325	-1.04936	0.513514	0.899816	-1.11134	0.932892	0.844366	-1.18533	0.494193	0.8952992	-1.11695	0.38114	1.15386	1.15386	0.220752	1.22764	1.22764	0.335371	1.17148	1.17148	0.741894	1.05407	1.05407	0.30618	1.18387	1.18387	0.873087	0.3509778	0.35733	1
cg25229157	HAT1	0.581467	0.824677	1.06186	1.06186	0.89143	0.96373	-1.03763	0.216518	1.42162	1.42162	0.126835	1.56316	1.56316	0.804045	1.06956	1.06956	0.804824	1.06927	1.06927	0.179749	0.680153	-1.47026	0.703349	1.10904	1.10904	0.532338	1.18661	1.18661	0.8731889	1.01089	1.03021	1
cg00321701	CYP2E1	0.581471	0.580364	0.875153	-1.14256	0.729217	0.838488	-1.19262	0.262359	0.6547914	0.65478	0.112552	0.7541454	0.710754	0.102754	0.627854	-1.59342	0.432264	0.614831	-1.62646	0.1988758	0.664497	-1.5049	0.173751	0.40693	0.405053	0.340598	0.550996	0.550996	0.873505	0.1853	0.1853	1
cg20223950	GPR123	0.581472	0.896555	1.11888	1.11888	0.753189	1.3131	1.3131	0.902891	1.11116	1.11116	0.134779	2.485	-4.02414	0.628283	0.701333	1.42586	0.348871	2.29971	2.29971	0.268174	0.369371	-2.7073	0.401537	2.09893	2.09893	0.398715	2.10875	2.10875	0.873073	0.10109	0.10497	1
cg14205791	FAM101A	0.581488	0.214667	0.403883	-2.47596	0.111258	0.900142	-1.33176	0.361307	0.521526	-1.91745	0.68213	1.33066	1.33066	0.296436	0.423338	-2.36218	0.964282	0.969142	-1.03155	0.739299	0.793195	-1.26072	0.243591	0.412536	-2.42403	0.88851	0.907276	-1.1022	0.873051	0.654447	0.675518	1
cg00751937	NDUFA12	0.581512	0.658132	1.10985	1.10985	0.597966	1.559196	1.559196	-1.04388	0.6537955	0.929569	-1.07578	0.4213755	0.929569	-1.07578	0.4213755	0.929569	0.687387	1.15291	1.15291	0.578205	0.683782	1.46868	0.681979	0.828231	1.33629	0.834009	1.07198	1.07198	0.87081	1.51708	1.54468	1
cg18176395	PRDM16;PRDM16	0.581544	0.184881	1.87786	1.87786	0.805166	0.895165	-1.11711	0.206663	1.81634	1.81634	0.213868	1.79765	1.79765	0.368861	1.51222	1.51222	0.784608	1.13062	1.13062	0.12927	2.08448	2.08448	0.363491	1.51967	1.51967	0.624917	1.24707	1.24707	0.87296	2.77627	2.82693	1
cg22961292	RBFOX1	0.581553	0.563787	1.29644	1.29644	0.344613	1.53881	1.53881	0.491576	1.37471	1.37471	0.361108	0.6157995	2.25807	0.0001	2.25807	0.0001	0.520359	1.93227	1.93227	0.0102	2.16495	2.16495	0.0102	1.39177	1.39177	0.0102	1.85617	1.85617	0.873443	1.52398	0.872946	2.70793	2.75738	1
cg00832924	CTTNBP2	0.581565	0.3133	0.422635	-2.36611	0.335501	0.440363	-2.27085	0.118112	0.246288	-4.06029	0.903064	0.904282	-1.15835	0.813053	0.420667	-2.37718	0.322452	0.429969	-2.32575	0.163575	0.29293	-3.41379	0.269357	0.3872756	-2.58227	0.943914	1.05982	1.0582	0.872927	0.42836	0.96076	1
cg14972967	GPC1	0.581567	0.502264	1.44524	1.44524	0.97335	1.01823	1.01823	0.729329	0.828726	-1.20667	0.152015	2.29323	2.29323	0.115164	2.38917	2.38917	0.49864	0.689698	-1.44991	0.372441	0.6094424	-1.64083	0.974712	0.983003	-1.01729	0.965906	1.02339	1.02339	0.872923	0.04398	0.41794	1
cg02673155	FZR1;FZR1;FZR1	0.581577	0.704831	0.953325	-1.04936	0.513514	0.899816	-1.11134	0.932892	0.844366	-1.18533	0.494193	0.8952992	-1.11695	0.38114	1.15386	1.15386	0.432525	1.22764	1.22764	0.335371	1.17148	1.17148	0.741894	1.05407	1.05407	0.30618	1.18387	1.18387	0.873087	0.3509778	0.35733	1
cg06125229	MLPH;MLPH	0.581581	0.292932	0.675946	-2.10108	0.863634	1.1241	1.1241	0.750149	1.24285	1.24285	0.567005	0.9711666	-1.03969	0.763716	0.539427	-1.85382	0.291057	0.47447	-2.10761	0.194271	0.392788	-2.5459	0.119789	0.317098	-3.15359	0.709463	1.29004	1.29004	0.872899	6.40171	6.51898	1
cg07698661	NAP1L2	0.581583	0.518911	1.184937	1.184937	0.634603	0.870758	-1.14845	0.162462	0.398834	-2.50731	0.845457	1.13156	1.13156	0.592882	0.69117	-1.44703	0.679884	1.96586	1.96586	0.183932	0.515554	-1.93525	0.464331	0.515157	-1.95497	0.502586	0.527474	1.89584	1.89584	0.872888	12.1612	12.3665	1
cg04227238	HCG4P6	0.581593	0.270491	1.4486	1.4486	0.344555	1.36954	1.36954	0.397988	1.32251	1.32251	0.646964	1.16061	1.16061	0.154597	1.63582	1.63582	0.843212	1.06605	1.06605	0.0645907	1.95531	1.95531	0.755437	1.10619	1.10619	0.594532	1.1895	1.1895	0.872882	1.44236	1.46882	1
cg09097668	RHOA;TCTA	0.5816	0.351872	0.809243	-1.23572	0.537557	0.871177	-1.14787	0.498562	1.1639	1.1639	0.102183	0.67357	-1.48463	0.347521	1.23824	1.23824	0.861289	0.962099	-1.03939	0.703108	1.08828	1.08828	0.805766	0.947028	-1.05594	0.467447	1.17744	1.17744	0.872871	0.674711	0.687093	1
cg05527091	C1orf159	0.581597	0.377443	0.739077	-1.35266	0.3757	1.55596	1.55596	0.297093	1.58571	1.58571	0.304015	1.4607	1.4607	0.301302	1.89303	-2.25255	0.388905	0.255523	3.9442	0.156102	2.28738	-4.37181	0.317951	1.15856	1.41856	0.912788	0.84344	-1.18562	0.8727	31.3961	34.0029	1
cg01349368	TULP3;TULP3	0.581602	0.902672	1.05597	1.05597	0.700872	1.18747	1.18747	0.488076	1.36832	1.36832	0.343966	1.54336	1.54336	0.697322	0.840305	-1.19004	0.589487	0.784665	-1.27443	0.145185	0.498378	-2.00651	0.203058	0.549827	-1.81875	0.538206	1.31974	1.31974	0.872868	2.73951	2.78979	1
cg26880445	MKRN3;MSRA;MSRA	0.581604	0.726341	0.897402	-1.11453	0.5132	0.84112	1.04112	0.565785	1.48826	1.48826	0.855862	1.1839	1.1839	0.408737	0.550303	-1.81676	0.566357	0.722883	1.48271	0.353454	0.618474	-1.61828	0.240607	0.5994439	-1.66742	0.384707	0.82124	-1.21824	0.872882	0.69774	0.61705	1
cg15058642	TRAPPC6A	0.581606	0.531173	0.91661	-1.09098	0.14137	0.840845	-1.24247	0.214582	0.835818	-1.19643	0.290497	1.16251	1.16251	0.804804	0.103457	-1.03457	0.312786	0.866477	-1.15411	0.938054	0.101073	0.46505	0.603629	0.903287	-1.10707	0.896287	0.982257	1.01806	0.872861	0.260478	0.265262	1
cg10843276	PCGF2	0.581613	0.298807	0.536929	-1.86244	0.913446	1.0648	1.0648	0.792133	0.858536	-1.16477	0.715775	0.809636	-1.23512	0.0976359	0.352033	-2.85631	0.213904	0.469669	-2.12916	0.146349	0.406403	-2.46061	0.663174	0.776413	-1.28797	0.358031	0.579364	-1.72603	0.87285	4.61006	4.69477	1
cg00436689	MIR2;MIR3;NGFRAP1;NGFRAP1	0.581623	0.32854	0.788035	-1.26837	0.885377	0.881321	-1.1303	0.834505	1.19359	1.19359	0.445045	0.7341711	-1.36108	0.615795	1.2091	1.2091	0.110411	0.00047	2133.333	0.0001	0.20434	-4.89595	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.873443	0.0001	0.0001	1
cg02275396	WIZ	0.581628	0.67076	0.741873	-1.34794	0.341829	0.98156	-1.98156	0.887373	1.10401	1.10401	0.827822	0.8589111	-1.16426	0.128914	0.317985	-3.1448	0.785063	0.82623	-1.21032	0.848876	0.875289	-1.14248	0.100097	0.284208	-3.51854	0.937052	1.0567	1.0567	0.872827	0.73961	0.86364	1
cg27159695	TBC1D10B	0.581629	0.988274	1.04206	1.04206	0.957408	1.02738	1.02738	0.155536	2.03164	2.03164	0.128203	1.24385	1.24385	0.878002	0.963824	-1.03764	0.916446	0.990913	1.00919	0.9911	1.01	0.8502	1.05652	1.05652	1.064567	0.895171	-1.11711	0.896001	1.03871	1.03825	1.06953	0.653436	0.653436	1
cg16641613	C1orf18	0.58163	0.368357	1.17188	1.17188	0.374413	0.854235	-1.17064	0.977338	1.00489	1.00489	0.214396	0.798616	-1.25217	0.305952	0.833633	-1.19957	0.408274	0.864851	-1.15627	0.186839	0.786474	-1.2715	0.284134	0.826124	-1.21047	0.514468	0.80272	-1.12017	0.872824	0.407368	0.414866	1
cg00276456	MIR2;MIR2;MIR2;MIR2;MIR2	0.581648	0.862135	0.977722	-1.02311	0.888145	0.885577	-1.12939	0.744894	0.9706359	-1.0306	0.751525	0.9615869	-1.04053	0.864599	0.881882	-1.13455	0.108401	0.436509	2.291851	0.0001	0.145587	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.873443	0.0001	0.0001	1
cg24617441	SHISH2A	0.581668	0.56245	1.6253	1.6253	0.618635	0.57283	1.57283	0.144763	3.66595	3.66595	0.163834	2.38393	2.38393	0.684965	1.40256	1.40256	0.849285	1.17092	1.17092	0.636211	1.48468	1.48468	0.432432	0.6490552	-1.54071	0.904508	0.905240	1.10467	0.872673	0.50928	0.68498	1
cg05423291	DENND3	0.581669	0.218163	2.02438	2.02438	0.167687	2.227	2.227	0.980099	1.01367	1.01367	0.195087	2.1089	2.1089	0.830732	1.12362	1.12362	0.409214	1.58336	1.58336	0.11261	2.56094	2.56094	0.388826	1.61744	1.61744	0.589116	1.34567	1.34567	0.872762	4.09757	4.17329	1
cg23985641	FAM50B	0.581686	0.724339	0.784497	-1.27449	0.57089	0.230166	-4.34469	0.131403	0.327468	-3.05373	0.900077	1.08999	1.08999	0.449487	0.589154	-1.69735	0.709599	0.773824	-1.29228	0.899982	0.91742	-1.09001	0.645409	0.727894	-1.37383	0.881717	1.10745	1.10745	0.872735	0.49442	0.64163	1
cg02913507	PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PDE9A	0.581709	0.501447	1.26106	1.26106	0.205048	1.57553	1.57553	0.152117	1.68466	1.68466	0.589474	1.20347	1.20347	0.437917	0.764138	-1.30866	0.980873	0.991883	-1.00818	0.99429	0.99757	-1.00244	0.43093	0.760866	-1.31429	0.297882	1.44321	1.44321	0.872699	1.59752	1.62716	1
cg22153105	ZSWIM4	0.581711	0.564933	0.878266	-1.13861	0.413375	0.829802	-1.20511	0.604943	0.890094	-1.12348	0.880533	0.967005	-1.03412	0.739432	1.07731	1.07731	0.457435	1.18392	1.18392	0.0627554	1.59545	1.59545	0.830463	0.953289	1.049	0.653898	0.904216	-1.10593	0.872695	0.687981	0.700747	1
cg26525490	NMNAT2;NMNAT2;HOMER3;HOMER3;HOMER3;HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.581715	0.756926	0.902996	-1.10764	0.5125	0.87626	-1.14175	0.5125	0.8437	1.18509	0.5125	0.8437	1.18509	0.5125	0.8437	1.18509	0.724083	0.8521445	1.173511	0.5346	0.8139	1.22859	0.5346	0.8139	1.22859	0.5346	0.8139	1.22859	0.592997	0.8264	1.21043	0.872643	1.07275	0.5346	0.8139	1.22859
cg27586581	HOMER3;HOMER3	0.581738	0.244253	0.796498	-1.2555	0.130417	0.737057	-1.35675	0.306843	0.820708	-1.21846	0.303863	0.819636	-1.22005	0.554884	0.894446	-1.11801	0.57678	0.900049	-1.11105	0.32324	1.20993	1.20993	0.843909	0.96385	-1.03751	0.9416668	1.01376	1.01376	0.872654	0.482135	0.491105	1
cg00105400	FBXO46	0.581745	0.545262	0.743963	-1.34415	0.61702	0.783812	-1.27582	0.892065	0.936513	-1.06779	0.500564	0.718686	-1.39143	0.145421	0.469874	-2.12823	0.0846203	0.397923	2.51305	0.74586	1.17013	1.17013	0.664824	1.23443	1.23443	0.361634	0.63569	-1.57309	0.872642	3.22597	3.28603	1
cg15294435	ABLIM1;ABLIM1;ABLIM1	0.581759	0.313593	0.769143	-1.30015	0.976248	1.00753	1.00753	0.129807	0.662235	-1.51004	0.881493	0.963129	-1.03828	0.786816	1.07065	1.07065	0.553306	1.1206	1.1206	0.271996	0.749786	-1.33371	0.131667	0.663759	-1.50657	0.766226	0.927661	-1.07798	0.87262	0.876551	0.892893	1
cg01859191	MAD2L1;MAD2L1;MAD2L1	0.581761	0.705423	0.863182	-1.15852	0.744739	0.90641	-1.10348	0.347439	0.68638	-1.45692	0.395461	0.71282	-1.40299	0.0548	0.371524	-2.69253	0.704021	0.864496	-1.15671	0.4616589	0.749786	-1.33371	0.131667	0.6637597	-1.50657	0.766226	0.9276617	-1.07798	0.87262	0.876551	0.892893	1
cg11640544	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.581771	0.292707	0.800636	-1.24901	0.477405	0.91852	-1.15852	0.761771	1.06389	1.06389	0.763553	0.940398	-1.06338	0.844608	0.960817	-1.04078	0.410734	0.842534	-1.1869	0.427212	0.847288	0.749786	-1.33371	0.131667	0.663759	-1.50657	0.766226	0.9276617	-1.07798	0.87262	0.876551	0.892893	1
cg14649507	ITM2C;ITM2C;ITM2C	0.581777	0.774321	0.885398	-1.12955	0.7013	0.845605	-1.18268	0.464452	0.815483	-1.21469	0.485579	0.844853	-1.18351	0.385858	0.937334	-1.06672	0.752344	0.7062604	-1.41599	0.265586	0.737334	-1.35642	0.1127097	0.70672	0.24628	-4.06042	0.4078358	0.8739	1.87398	0.1537287	0.8679569	0.8320205	0.8320205	1
cg00401972	CDH5	0.581777	0.367271	0.585778	-1.70713	0.295502	0.534493	-1.87093	0.417594	1.6134	1.6134	0.7143	0.80871	-1.23654	0.13067	0.389643	-2.56645	0.38514	0.598008	-1.67222	0.410853	0.615321	-1.62517	0.222166	0.476699	-2.09776	0.40051	0.608394	-1.64367	0.872592	0.60817	0.649424	1
cg00635299	EPB5	0.581781	0.977827	0.990466	-1.00963	0.286103	1.46498	1.46498	0.695167	1.14539	1.14539	0.484481	1.27747	1.27747	0.302729	0.887551	-1.1267	0.245522	1.51994	1.51994	0.0313348	3.17044	3.17044	0.510204	0.794342	-1.2588	0.972853	0.609214	-1.64146	0.873148	1.37044	1.67259	1
cg25264246	CHST14	0.581782	0.479945	0.814688	-1.22795	0.143821	0.674965	-1.48156	0.158441	0.788949	-1.26664	0.259347	0.708494	-1.41139	0.0998	0.622484	-1.6232	0.642004	0.889703	-1.12397	0.218587	0.708849	-1.37201	0.457426	0.827445	-1.20854	0.880715	0.963112	-1.0383	0.872684	0.885827	0.882005	1
cg01169772	C5orf51	0.581784	0.665728	0.923737	-1.08256	0.129666	0.741707	-1.34824	0.615604	1.0968	1.0968	0.78521	0.951364	-1.05112	0.721045	1.06763	1.06763	0.708387	0.933725	-1.07098	0.135237	1.34161	1.34161	0.499055	1.13342	1.13342	0.705992	1.07162	1.07162	0.8758	0.460332	0.468936	1
cg18581777	LMAN1L	0.581794	0.158454	0.511615	-1.95603	0.0990224	0.267424	-3.73988	0.0648	0.237702	-1.35556	0.534497	0.4274531	-2.33982	0.0802154	0.0890205	-1.17132	0.284512	0.1253016	-7.97983	0.0001	0.107379	-4.48802	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.873443	0.0001	0.0001	1
cg07753384	PDE6D	0.581803	0.975072	0.99556	-1.00446	0.222496	1.20031	1.20031	0.184939	1.21892	1.21892	0.97348	1.00475	1.00475	0.125437	1.26641	1.26641	0.441373	0.894216	1.1183	0.122025	0.929787	-1.07552	0.790512	0.03865	1.03865	0.793251	1.03812	1.03812	0.872551	0.280292	0.285541	1
cg27237477	MTMR6	0.581814	0.758438	0.861416	-1.16088	0.49269	0.733339	-1.36363	0.408231	1.45724	1.45724	0.960325	1.0538	1.0538	0.171483	0.664666	-1.50451	0.953936	1.02605	1.02605	0.602595	0.791492	-1.26344	0.947129	1.02996	1.02996	0.0516191	0.873026	-2.63078	0.872534	2.73822	2.78955	1
cg03555424	APH

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N vs. N)	Ratio(105T vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-111T 057 vs. N vs. N)	Ratio(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-112T 117 vs. N vs. N)	Ratio(112T vs. N)	p-value(1227 vs. N)	Fold-Change(1-vs-121T 127 vs. N vs. N)	Ratio(121T vs. N)	p-value(1237 vs. N)	Fold-Change(1-vs-123T 237 vs. N vs. N)	p-value(1477 vs. N)	Ratio(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-153T 537 vs. N vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-153T 537 vs. N vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-563T 637 vs. N vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg13520770	DSBP1;C5BP1;C5BP1;C5BP1;S	0.582367	0.617905	1.782211	-1.31197	0.6805884	0.319062	-1.13419	0.623862	0.765776	-1.30586	0.8902229	1.027741	1.027741	1.027741	0.321687	0.575344	-1.73809	0.495651	0.688288	-1.45288	0.4344459	0.650122	-1.53817	0.4446616	0.656542	-1.52313	0.461676	1.49887	1.497	0.871661	4.024646	4.10421	1
cg19185706	LDB3;LDB3;LDB3	0.582389	0.638759	1.17428	1.17428	0.941093	0.975202	-1.02543	0.0945536	1.26871	1.8671	0.6364221	0.85062	-1.17561	0.685839	0.870947	1.14818		0.93687	0.973444	-1.02728	0.362171	1.37471	1.37471	0.146846	1.69729	0.69729	0.530384	1.24105	0.816725	1.5937	1.62527	1
cg23601376	SLC8A1 MECOM;MECOM;MECOM;MECOM;M	0.582394	0.535439	0.921106	-1.08565	0.920155	1.0132	1.0132	0.144395	1.22791	1.22791	0.173938	0.827444	-1.20854	0.399462	0.893194	-1.11958		0.828198	0.971942	-1.02887	0.287096	0.865246	-1.15574	0.824313	0.971304	-1.02954	0.898694	1.01682	1.01682	0.871617	0.236707	0.241397	1
cg07751698	ECOM;MECOM	0.582396	0.430078	0.836804	-1.19502	0.315312	0.794793	-1.25819	0.811959	1.05413	1.05413	0.721806	1.08229	1.08229	0.909841	1.02537	1.02537		0.25786	0.770144	-1.29846	0.0966509	0.668019	-1.49696	0.467774	1.17754	1.17754	0.873401	1.0359	1.0359	0.871614	0.675474	0.688861	1
cg00039070	EXOC4;EXOC4	0.58424	0.196741	0.662374	-1.50972	0.771649	0.915917	-1.09181	0.655304	0.873183	-1.14523	0.522164	0.822391	-1.21626	0.192585	0.659533	-1.51622		0.6600933	1.1396	1.1396	0.200178	1.50445	1.50445	0.947777	0.980422	-1.01997	0.403676	0.772665	-1.29422	0.876608	1.25747	1.2824	1
cg04768501	IL17RE;IL17RE;IL17RE	0.582407	0.274708	1.42693	1.42693	0.647162	1.15508	1.15508	0.105712	0.575309	-1.7382	0.464724	1.2624	1.2624	0.671282	1.14287	1.14287		0.412237	1.29987	1.29987	0.843321	1.06386	1.06386	0.605994	0.849788	-1.17676	0.583263	0.840863	-1.18925	0.871597	1.35092	1.37772	1
cg14115123	RANBP6;RANBP6;RANBP6	0.582416	0.813169	0.972553	-1.08395	0.4042111	1.19723	1.19723	0.0197748	1.93863	1.93863	0.49195	1.26826	1.26826	0.236474	1.52553	1.52553		0.529445	1.24223	1.24223	0.429869	1.31569	1.31569	0.464886	0.796244	-1.27511	0.548247	1.2298	1.2298	0.871584	1.60023	1.63301	1
cg18619378	ADCY1	0.582436	0.243421	0.389363	-2.56652	0.352506	2.09345	2.09345	0.280235	2.39226	2.39226	0.712521	0.914414	-1.39532	0.450622	0.552345	-1.81046		0.595683	0.661297	-1.51218	0.315887	0.448821	-2.22806	0.26427	0.407151	-2.45609	0.673367	0.720791	-1.38736	0.875522	2.83152	2.89526	1
cg08954601	EEF1DP3	0.582438	0.448611	0.610182	-1.63885	0.712772	1.26686	1.26686	0.381556	1.77558	1.77558	0.237563	2.20676	2.20676	0.294317	0.498663	-2.00536		0.199632	0.420264	-2.37945	0.610657	0.72002	-1.38885	0.757654	0.820371	-1.21896	0.506407	0.649682	-1.53921	0.871549	5.64893	5.76132	1
cg27614280	CENPN;CENPN;CENPN	0.582442	0.601549	0.890614	-1.12295	0.4697	0.75236	-1.32918	0.295465	1.25362	1.25362	0.180131	1.24994	1.24994	0.181726	1.25804	1.25804	0.204577	0.912132	0.977264	-1.02312	0.813825	1.42516	1.42516	0.109925	0.818742	1.04899	1.04899	0.871452	0.599165	0.610991	1
cg18123048	CUL2	0.582443	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg04112845	CYBRD1;CYBRD1	0.582445	0.324018	1.26326	1.26326	0.197791	1.37159	1.37159	0.198862	1.36401	1.36401	0.549045	1.14671	1.14671	0.65066	0.901006	-1.10987		0.6550252	1.10829	1.10829	0.410216	0.824837	-1.21236	0.693298	1.11398	1.11398	0.217569	1.34549	1.34549	0.873533	0.721712	0.736885	1
cg00765655	HES3	0.582455	0.406305	0.647238	-1.54503	0.108033	0.407408	-2.45454	0.294997	0.573407	-1.74396	0.892339	0.933004	-1.07181	0.221195	0.517607	-1.93197		0.538191	1.37597	1.37597	0.325829	0.594808	-1.68121	0.3395	0.60403	-1.65555	0.915397	0.947037	-1.05593	0.871522	3.61964	3.69177	1
cg18411043	LAPTM5	0.582458	0.173311	0.403222	-2.48003	0.0772049	0.291811	-3.42688	0.228785	0.450341	-2.20731	0.560793	0.691633	-1.44585	0.314553	0.520988	-1.91943		0.869416	0.901998	-1.10865	0.399393	0.582725	-1.7174	0.421529	0.597665	-1.67318	0.894882	0.920471	-1.0864	0.871516	5.42422	5.53235	1
cg13984393	CC2D1B	0.582459	0.160901	1.39997	1.39997	0.360916	1.21511	1.21511	0.196174	0.936343	1.06174	0.958493	0.918443	-1.08881	0.550571	0.14532	1.44532	0.244447	0.760622	-1.31464	0.801689	0.710817	-1.40727	0.135845	0.858703	1.16469	0.871516	0.606694	0.710582	0.731256	1
cg26351966	SCD	0.582473	0.219304	0.653651	-1.52987	0.951573	1.02019	1.02019	0.785051	1.09416	1.09416	0.459646	1.2812	1.2812	0.115454	0.569352	-1.75638		0.535266	0.813302	-1.22956	0.424165	0.764407	-1.3082	0.387771	0.747246	-1.33825	0.58553	1.19871	1.19871	0.871494	1.49525	1.5251	1
cg00693144	FBXL22	0.582485	0.161778	0.754569	-1.32526	0.515721	1.13227	1.13227	0.482468	1.14402	1.14402	0.395602	1.17815	1.17815	0.7225	1.06952	1.06952		0.24539	1.25736	1.25736	0.791862	0.947147	-1.0558	0.973505	0.941818	-1.1879	0.659394	0.918731	-1.08846	0.871474	0.490355	0.500154	1
cg00187926	RAK1BP1	0.582491	0.819216	1.10794	1.10794	0.138838	0.587146	-1.70315	0.333045	0.716571	-1.39553	0.754622	1.11032	1.11032	0.139232	0.637372	-1.57795		0.467326	1.27599	1.27599	0.969198	0.906461	-1.10319	0.538869	1.2308	1.2308	0.450812	0.773798	-1.29233	0.871453	1.53756	1.56832	1
cg26723570	WDR27;C6orf120;WDR27	0.582502	0.389915	1.21268	1.21268	0.957194	1.01182	1.01182	0.656669	0.906722	-1.10287	0.636512	0.901054	-1.10981	0.34076	0.806644	-1.2397		0.66136	1.10128	1.10128	0.0709382	0.643017	-1.55517	0.674137	1.09698	1.09698	0.674341	1.09691	1.09691	0.871448	0.66116	0.674392	1
cg16387689	PDE3A	0.582503	0.804014	1.04878	1.04878	0.28806	0.915529	1.79098	0.75166	1.18448	1.18448	0.579789	0.742124	-1.34763	0.310073	0.57145	-1.75087		0.661857	1.17908	1.17908	0.30014	1.77243	1.77243	0.371751	1.63074	1.63074	0.846446	0.92466	-1.08127	0.871451	0.60122	0.60122	1
cg03368399	POLR3D;MIR320A	0.582506	0.829942	0.976329	-1.02424	0.618501	0.945621	-1.05751	0.484744	1.08229	1.08229	0.890809	0.984818	-1.01542	0.696695	1.04459	1.04459		0.306612	1.12511	1.12511	0.0713737	0.79909	-1.25142	0.981274	0.997389	-1.00262	0.444677	0.916878	-1.09066	0.871442	0.171202	0.174629	1
cg20485669	SLCO3A1;SLCO3A1	0.582513	0.547484	0.833157	-1.20027	0.532733	0.907883	1.10146	0.208428	0.731775	1.36705	0.399395	0.611257	1.63597	0.0179955	0.709076	1.3116		0.904849	0.969664	-1.03155	0.832765	0.930765	-1.24881	0.962521	1.00902	1.00902	0.987773	1.18829	1.18829	0.871431	0.859729	0.876481	1
cg00362959	ARHGAP26;ARHGAP26	0.582516	0.248448	0.841318	-1.18861	0.626834	1.07269	1.07269	0.423782	1.12412	1.12412	0.339671	0.868545	-1.15135	0.982847	0.996926	1.00308		0.704373	0.94687	-1.05611	0.528684	1.09572	1.09572	0.247051	1.18927	1.18927	0.24851	1.18858	1.18858	0.871425	0.283079	0.288752	1
cg26889953	CYYR1	0.582517	0.814731	1.17969	1.17969	0.757069	0.803767	-1.24414	0.388524	0.536777	-1.86297	0.766334	0.81074	-1.23344	0.607791	1.43972	1.43972		0.188079	2.66972	2.66972	0.122734	2.54588	2.54588	0.404735	1.82246	1.82246	0.608612	0.69517	-1.4385	0.874424	6.84051	6.9776	1
cg02849828	CNOP1	0.582519	0.254595	0.488882	-2.04548	0.150199	0.395386	-2.52918	0.133704	0.381551	-2.62116	0.719832	0.805185	-1.24191	0.293552	0.476639	-2.09785		0.401027	0.596234	-1.67719	0.249725	0.484966	-2.062	0.278363	0.507577	-1.97014	0.769962	0.838279	-1.19292	0.871421	4.995	5.09513	1
cg12166502	ACOT9;ACOT9;ACOT9;ACOT9	0.582525	0.207304	0.167586	-5.96707	0.688527	0.582008	-1.71819	0.833215	0.753327	-1.32745	0.17827	0.82947	0.82947	0.185388	0.59594	0.59594		0.502763	0.401086	-2.49323	0.791941	0.701084	-1.42636	0.758823	0.661219	-1.51236	0.873301	0.80705	-1.23908	0.874141	24.9024	25.4019	1
cg01942962	GRIA2;GRIA2;GRIA2	0.582526	0.161686	0.70393	-1.41647	0.23014	0.84427	1.15427	0.552077	0.959353	-1.0072	0.789199	0.938479	-1.06442	0.492834	0.850222	-1.17616		0.692062	0.911688	-1.0968	0.177304	0.716007	-1.39661	0.882082	1.02882	1.02882	0.627405	1.13071	1.13071	0.874139	0.940355	0.964166	1
cg20460797	D4S234E;D4S234E	0.582528	0.236908	0.409888	-2.43969	0.542863	1.55783	1.55783	0.196028	2.67525	2.67525	0.449606	1.74109	1.74109	0.155593	0.651841	-1.53412		0.813596	1.18531	1.18531	?	?	?	0.389948	1.88524	1.88524	0.400686	1.85731	1.85731	0.858926	2.26365	2.29242	1
cg01740606	FAM69B	0.582538	0.438089	0.647636	-1.54408	0.0844168	2.85317	2.85317	0.187481	2.15385	2.15385	0.772409	0.852756	-1.17267	0.754756	0.841887	-1.18781		0.854337	1.10621	1.10621	0.624557	1.31116	1.31116	0.795049	0.866773	-1.1537	0.745905	0.836455	-1.19552	0.87139	4.16332	4.24693	1
cg04182548	PCBP3;PCBP3	0.582548	0.155693	1.39706	1.39706	0.358505	1.79099	0.75166	1.39661	1.46163	1.46163	0.40773	0.546061	1.83109	0.0159559	0.734452	1.36204		0.236555	0.416234	-2.40249	0.387505	0.534732	-1.8701	0.364945	0.884969	-1.12998	0.915378	0.915075	1.09263	0.871398	0.203172	0.203172	1
cg00830292	TBC1D4	0.582549	0.84983	0.914012	-1.09408	0.213898	0.86038	1.86038	0.730701	0.848831	-1.17809	0.931541	1.0416	1.0416	0.0746389	0.38985	-2.56509		0.759418	0.864411	-1.15686	0.48455	1.00467	0.852405	1.11048	1.11048	0.686682	1.2121	1.2121	0.871374	3.10531	3.16773	1
cg02570708	CABP1;CABP1;CABP1	0.582551	0.584598	1.11416	1.11416	0.708772	0.960774	1.04166	0.828758	1.20153	1.20153	0.14965	0.478464	2.09155	0.0115354	0.815594	1.22612		0.615737	1.1616	1.1616	0.452405	1.40243	1.40243	0.0971	1.72404	1.72404	0.0496	1.81812	1.81812	0.871427	0.230503	0.235167	1
cg00261534	KLF6;KLF6;KLF6;KLF6	0.582554	0.637667	1.12775	1.12775	0.72272	0.913664	-1.09449	0.716899	1.09568	1.09568	0.660601	1.11849	1.11849	0.784669	1.07188	1.07188		0.392691	1.24847	1.24847	0.0609138	0.585457	-1.70807	0.853216	0.954145	-1.04806	0.436407	1.2229	1.2229	0.871366	0.886407	0.904232	1
cg18766912	UBE3A;UBE3A	0.582556	0.398007	0.8836	-1.13173	0.239343	0.838446	-1.19268	0.583776	0.923927	-1.08234	0.915057	0.984858	-1.01537	0.811288	1.0348	1.0348		0.98785	1.00218	1.00218	0.290527	1.19707	1.19707	0.16847	1.2335	1.2335	0.615019	0.93005	-1.07521	0.871362	0.28222	0.287697	1
cg06554760	IKBKG;GKPD;GKPD;IKBKG;IKBKG;IKBKG	0.582556	0.623877	0.614065	-1.62849	0.6010358	1.68297	1.68297	0.846	1.21151	1.21151	0.176023	4.1351	4.1351	0.0905446	6.29704	6.29704		0.594923	0.588888	-1.69812	?	?	?	0.793904	1.29477	1.29477	0.909813	1.1183	1.1183	0.858881	11.7718	13.706	1
cg14180599	FBXO43	0.582563	0.712264	1.13942	1.13942	0.5127	1.12227	1.12227	0.502697	1.18105	1.18105	0.338158	1.46522	1.46522	0.0432	1.04336	1.04336		0.395038	1.40076	1.40076	0.175803	1.74529	1.74529	0.0178564	1.45005	1.45005	0.0711771	-1.40495	0.41448	0.682348	0.446753	0.871388	0.260071	2.10728	2.12728	1
cg19165640	ECE1	0.582571	0.724174	0.850149	-1.17626	0.424376	0.687579	-1.45438	0.416029	0.683251	-1.46359	0.163921	1.97509	1.97509	0.534376	1.33506	1.33506		0.580344	0.774221	-1.29162	0.230827	0.562174	-1.77881	0.465905	0.711771	-1.40495	0.41448	0.682348	0.446753	0.871438	2.89725	2.95561	1
cg25900280	TBX4	0.582593	0.0477156	55.1365	55.1365	0.840941	1.42743	1.42743	0.837783	0.695547	-1.43772	0.65868	0.455062	-2.1975	0.880314	1.30584	1.30584		0.56542	0.35733	-2.79854	0.760204	0.581489	-1.71972	0.327655	0.98655	0.98655	0.84168	1.42503	1.42503	0.871304	43.2833	44.1569	1
cg19436316	RAN	0.582606	0.574775	1.16403	1.16403	0.33858	0.852283	1.17333	0.265665	1.20883	1.20883	0.0889	0.647776	1.54297	0.0389	0.807332	1.23884		0.683637	1.24957	1.24957	0.0995202	1.20258	1.20258	0.867551	0.913234	-1.09501	0.403826	1.50126	1.50126	0.871287	2.08036	2.16289	1
cg26079884	TUBB8;TUBB8	0.582623	0.990348	1.01143	1.01143	0.388713	2.29257	2.29257	0.23819	0.313368	-3.19114	0.804019	0.791813	-1.26292	0.89565	0.884047	-1.13116		0.66894	0.667641	-1.49781	0.381445	0.432506	-2.32359	0.145442	4.34141	4.34141	0.350023	0.405157	-2.46818	0.871256	12.172	12.4183	1
cg02126490	SELO	0.582628	0.964553	1.02393	1.02393	0.153035	0.88018	1.13463	0.306523	0.89522	1.11733	0.20522	?	?	?	0.203172	2.82484	-2.44279	?	?	?	?	?	?	0.802756	4.2422	4.2422	?	0.895	0.59513	1
cg16543009	AVEN;CHRM5	0.582641	0.205359	2.96877	2.96877	0.384837	2.06602	2.06602	0.555943	1.62429	1.62429	0.629173	0.672821	-1.48628	0.294826	0.412784	-2.42257		0.327277	2.27867	2.27867	0.806791	0.819094	-1.22086	0.812702	1.21326	1.21326	0.196251	0.34312	0.04312	0.871228	9.15188	9.3374	1
cg18165194	TMPPS5	0.582645	0.679857	0.764217	-1.30853	0.160102	0.879081	-1.64493	0.231886	0.449712	-2.22369	0.874833	0.902884	-1.10782	0.181883	0.399184	-2.50516		0.6929624	0.910588	-1.09843	0.177304	0.716007	-1.39661	0.882082	1.02882	1.02882	0.627405	1.13071	1.13071	0.874139	0.940355	0.964166	1
cg10891888	SLC38A2	0.582648	0.462204	0.89025	-1.12454	0.103035	1.17877	1.1533	0.715423	1.15323	1.15323	0.76881	1.04774	1.04774	0.254924	1.20493	1.20493		0.2027261	1.6359	1.33659	0.733849	0.947884	-1.0598	0.74997	0.994265	-1.00577	0.871217	0.339377	0.33426	1
cg26293546	PROX1	0.58267	0.152235	0.652687	-1.53213	0.600696	1.15826	1.15826	0.557555	0.847887	-1.1794	0.79885	0.931423	-1.07363	0.576242	1.17009	1.17009		0.89413	1.03774	1.03774	0.322274	1.32903	1.32903	0.286756	0.735106	-1.36035	0.337206	1.31687	1.31687	0.871182	1.06786	1.08957	1
cg01008927	RNF217	0.582668	0.219649	0.531706	-1.88095	0.353586	0.920275	-1.08663	0.598127	1.39715	1.39715	0.0995656	0.99734	-1.00263	0.987405	0.995437	-1.00457		0.276173	0.57445	-1.74092	0.311888	0.632683	-1.61216	0.382535	0.954225	-1.04796	0.44114	0.685025	1.45834	0.871207	0.73117	0.73117	1
cg03107405	TSSC1	0.582681	0.253405	0.43384	-2.305	0.46305	0.683552	-1.68352	0.465307	0.67892	-1.47348	0.676892	0.601992	-1.66115	0.293384	0.466601	-2.14316		0.580314	0.774221	-1.29162	0.230827	0.562174	-1.77881	0.465905	0.711771	-1.40495	0.41448	0.682348	0.446753	0.871438	2.89725	2.95561	1
cg19045122	HPS2;HPS2;HPS2;HPS2	0.582684	0.0987756	0.623789	-1.60508	0.669867	0.989225	-1.01089	0.508371	1.1919	1.1919	0.532812	0.846031	-1.18199	0.221521	0.71456	-1.39946		0.410846	0.802511	-1.24609	0.948697	0.983307	-1.01698	0.297947	0.754023	-1.32622	0.676561	1.11617	1.11617	0.871069	0.963515	1
cg27331863	DENND4A;DENND4A	0.58267	0.502947	0.737689	-1.35558	0.966039	1.0243	1.0243	0.174807	0.44321	-2.25627	0.633129	1.31145	1.31145	0.154505	0.674471	-2.36143		0.896858	0.929486	-1.07586	0.694611	1.24916	1.24916	0.249392	1.97141	1.97141	0.701628	1.2424	1.2424	0.87114	4.38592	4.47529	1
cg17811167	MLLT6	0.582727	0.260738	1.41642	1.41642	0.118623	0.604843	-1.65332	0.628582	0.865311	-1.15565	0.511796	1.21831	1.21831	0.153783	0.752464	-1.32897		0.769287	1.09121	1.09121	0.80134	0.922904	-1.0777	0.469943	1.2438	1.2438	0.710893	1.895387	-1.11683	0.871135	1.21531	1.24007	1
cg14554157	BC113;BC113;BC113;BC113	0.582732	0.378313	1.26402	1.26402	0.779102	0.901951	-1.11594	0.336126	0.816161	1.22437	0.164633	1.02377	1.02377	0.715894	0.990535	-1.00964		0.336825	2.54276	2.54276	0.0213958	1.83108	1.83108	0.316528	1.01625	1.01625	0.869167	1.1335	1.1335	0.869424	2.42563	2.42563	0.871232	2.52158	2.52158	0.871232	2.52158	2.52158	1
cg17369091	AEN	0.582703	0.098954	0.738394	-1.35429	0.592936	1.09468	1.09468	0.561515	1.10342	1.10342	0.433286	0.874541	-1.14346	0.901728	0.979503	-1.02093		0.939607	1.01278	1.01278	0.62497	0.920726	-1.0861	0.429307	1.14484	1.14484	0.297312	1.19859	1.19859	0.87113	0.387785	0.39569	1
cg08463581	CHD1L;CHD1L;CHD1L;CHD1L;CHD1	0.582707	0.301185	1.65228	1.65228	0.122463	2.1915	2.1915	0.0501082	0.726479	-1.37651	0.451843	1.43234	1.43234	0.760574	1.15404	1.15404		0.592862	1.37288	1.37288	0.0955442	1.22011	1.22011	0.923438	1.3551	1.3551	0.282179	1.68855	1.68855	0.87124	3.10163	3.16946	1
cg07716601	POLS	0.582709	0.545906	0.880422	-1.13582	0.478906	0.860709	-1.16183	0.952287	1.01255	1.01255	0.642661	1.10226	1.10226	0.633136	1.10599	1.10599		0.524493	1.14184	1.14184	0.0493331	1.59596	1.59596	0.8529	0.962061	-1.03944	0.610613	1.11294	1.11294	0.871221	0.599056	0.611274	1
cg18404409	SAPS2	0.582716	0.9182	1.1058	1.1058	0.038413	0.314389	-3.18077	0.460277	0.69584	-1.43711	0.869299	1.08268	1.08268	0.521858	0.731144	-1.36772		0.912417	0.94831	-1.05451	0.93135	1.04244	1.04244	0.392512	0.655373	-1.52585	0.465989	0.699164	-1.43028	0.87111	3.21023	3.27574	1
cg14305139	DENND3	0.582717	0.305682	1.71727	1.71727	0.582512	1.13715	1.13715	0.879504	1.12128	1.12128	0.318611	1.94797	1.94797	0.0153624	1.6673	1.6673	0.599349	0.553391	1.40378	1.40378	0.712052	1.84084	1.84084	0.0170174	2.44131	2.44131	0.0455	1.25159	0.871111	0.0455	0.045025	1
cg20623936	DACT3	0.582723	0.123613	3.1611	3.1611	0.428576	1.74667	1.74667	0.12363	1.36091	1.36091	0.873438	1.11238	1.11238	?	?	?	?	0.974595	1.02222	1.02222	?	?	?	0.995835	1.00361	1.00361	0.789144	1.20318	1.20318	0.842841	0.94736	0.70436	1
cg01275830	C10orf55	0.582741	0.324068	1.27777	1.27777	0.802118	1.14243	1.14243	0.722443	1.72272	1.72272	0.245939	1.99768	1.99768	0.0029443	1.47021	1.47021		0.40305	1.87467	1.87467	0.460302	1.77683	1.77683	0.0553052	1.57232	1.57232	0.702828	1.80151	1.80151	0.871044	0.0426824	0.0426824	1
cg03373393	HAP1;HAP1;HAP1	0.582725	0.922185	0.978381	-1.0221	0.793721	1.06037	1.06037	0.297173	0.78523	-1.27351	0.219982	1.33443	1.33443	0.377767	0.816729	-1.2244		0.887952	0.968955	-1.03204	0.335372	0.800731	-1.24886	0.433801	1.19562	1.19562	0.280515	1.28522	1.28522	0.871056	0.690352	0.704485	1
cg24530616	PYGB	0.582752	0.440716	0.866729	-1.12774	0.424071	1.1341	1.1341	0.184561	1.24009	1.24009	0.274099	0.823902	-1.21374	0.287384	1.184	1.184		0.93071	1.01339	1.01339	0.928846	1.01375	1.01375	0.56161	1.09387	1.09387	0.443394	1.12692	1.12692	0.870454	0.322513	0.329117	1
cg08378505	NTSC	0.582754	0.365376	1.60977	1.60977	0.715775	1.72246	1.72246	-1.7475	0.184471	0.659352	0.7732	0.496605	0.8650503	1.34966	0.833438	1.20003		0.153606	2.54276	2.54276	0.0213958	1.83108	1.83108	0.316528	1.01625	1.01625	0.869167	1.1335	1.1335	0.869424	2.42563	2.42563	0.871232	2.52158	2.52158	0.871232	2.52158	2.52158	1
cg05857979	SOX8	0.582759	0.263423	2.08924	2.08924	0.615482	0.726111	-1.3772	0.863472	1.11491	1.11491	0.264845	0.479781	-2.08428	0.768172	1.2054	1.2054		0.939768	0.953363	-1.04892	0.116885	2.9346	2.9346	0.332205	1.88179	1.88179	0.736734	1.23768	1.23768	0.871042	5.50999	5.62288	1
cg16533196	MVD4	0.582763	0.304434	0.935549	-1.06889	0.714727	1.06427	1.06427	0.0748	1.04053	1.04053	-1.06322	0.810966	1.36727	1.36727	0.632266	1.58161	0.931163	-1.08795	0.760504	0.946973	0.564003	1.31655	1.31655	0.0992549

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1221 vs. N)	Ratio(1221 vs. N)	Fold-Change(1237 vs. N)	Ratio(1237 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg03881352	TIMM22	0.583313	0.648919	0.932428	-1.07247	0.8556	0.972501	-1.02817	0.980783	0.996334	-1.00368	0.20032	0.812187	-1.23124	0.263351	0.836156	-1.19595	0.53278	1.10134	1.10134	0.755829	0.953527	-1.04874	0.8803399	0.740354	-1.35071	0.5058	0.901967	-1.10869	0.876151	0.315849	0.280386	1
cg21550483	CLEC10A,CLEC10A	0.583319	0.935987	0.946285	-2.22921	0.298437	2.70419	2.70419	0.801639	1.26156	1.26156	0.517684	0.545869	-1.83194	0.177731	0.266603	-3.7509	0.400926	0.452226	-2.21129	0.474476	0.511014	-1.95689	0.190012	0.25858	-3.86727	0.658156	0.662983	-1.50833	0.870159	0.17408	11.9936	1
cg27326431	MRPS11,MRPL46,MRPS11	0.583324	0.75795	1.11605	1.11605	0.692683	0.876191	-1.1387	0.889046	0.955381	-1.0467	0.359206	1.36107	1.36107	0.268431	1.45779	1.45779	0.572058	1.20527	1.20527	0.120174	0.576233	-1.73541	0.343262	1.37611	1.37611	0.597703	1.19022	1.19022	0.870152	1.47357	1.5053	1
cg08448371	TMEM20,TMEM20	0.583329	0.138547	1.78051	2.78051	0.387364	0.566595	-1.76532	0.832661	0.873112	-1.14533	0.210505	2.33076	2.33076	0.722022	2.25745	1.25745	0.528358	1.50633	1.50633	0.655326	0.749799	-1.33369	0.219054	2.2026	2.2026	0.738347	1.23986	1.23986	0.870144	5.66795	5.79005	1
cg01802397	SIP1;SIP1;SIP1	0.583333	0.230461	1.87076	1.87076	0.422523	0.650558	-1.50363	0.626404	0.783299	-1.27665	0.410945	1.51983	1.51983	0.128372	0.441184	-2.26663	0.684559	1.2255	1.2255	0.480797	0.745405	0.922009	-1.08459	0.847352	1.1007	1.1007	0.870138	0.341591	3.48952	1
cg03128750	ARHGAP42,ARHGAP26	0.583335	0.326573	1.16454	1.16454	0.34172	0.863002	-1.15875	0.643841	0.932376	-1.07253	0.478802	0.897369	-1.11437	0.291208	1.17906	1.17906	0.152249	1.26022	1.26022	0.687054	0.94091	-1.0628	0.825198	1.03383	1.03383	0.578892	1.08797	1.08797	0.870111	0.311701	0.318428	1
cg08697689	SLITRK1	0.583355	0.556882	1.21662	1.21662	0.423183	0.763411	-1.30991	0.563224	1.21272	1.21272	0.230295	1.51487	1.51487	0.980757	1.00799	1.00799	0.747814	1.11233	1.11233	0.713135	1.12959	1.12959	0.0888359	1.85776	1.85776	0.232398	1.51177	1.51177	0.870103	1.50075	1.53315	1
cg21823492	PHF17;PHF17	0.583355	0.270487	1.23142	1.26112	0.563633	0.888653	-1.1251	0.928021	1.020356	1.020356	0.258781	1.788008	-1.26802	0.0927407	1.45361	1.45361	0.887969	1.02891	1.02891	0.582097	1.11896	1.11896	0.90526	0.976211	-1.02437	0.8865	0.996584	-1.00343	0.870102	0.562446	0.576626	1
cg00746140	C3orf21	0.583362	0.561711	1.35112	1.35112	0.392424	1.56732	1.56732	0.240904	1.1	1.1	0.330023	1.674555	1.674555	0.694994	1.223937	1.223937	0.550399	1.36326	1.36326	0.294316	1.74695	1.74695	0.821111	0.890334	-1.12317	0.0597522	0.972299	0.972299	0.870092	0.624095	3.70327	1
cg15910208	KLK10;KLK10;KLK10	0.583368	0.221334	1.35914	1.35914	0.903147	0.971574	-1.02926	0.815148	1.05706	1.05706	0.818073	1.05611	1.05611	0.499017	1.17695	1.17695	0.903188	0.971586	-1.02924	0.397066	0.81371	-1.22894	0.554599	1.15237	1.15237	0.075899	1.6093	1.6093	0.876061	0.762077	0.676582	1
cg16962412	WHSC1;WHSC1;WHSC1;WHSC1	0.583372	0.794264	1.09144	1.09144	1.3347	1.92453	1.92453	0.207287	1.60472	1.60472	0.51172	1.26704	1.26704	0.335777	1.40932	1.40932	0.218592	1.63152	1.5844	0.574647	1.1026	1.16201	1.16201	0.347544	1.15729	1.15729	0.927635	1.03283	1.03283	0.870075	1.74296	1.78064	1
cg03502002	GAUR1;GAUR1	0.583378	0.976472	1.01584	1.01584	0.995484	1.003002	1.003002	0.370698	0.612635	-1.63229	0.28713	0.545869	-1.83194	0.177731	0.507401	-1.97083	0.138581	1.427452	2.33945	0.544225	1.38706	1.38706	0.81448	1.1129	1.1129	0.75118	1.1848	1.1848	0.870066	0.91547	4.00018	1
cg29326793	KHDRBS2	0.583381	0.246625	2.53488	2.53488	0.301971	2.24648	2.24648	0.318865	2.19822	2.19822	0.968431	1.03072	1.03072	0.794975	0.787156	-1.2704	0.212261	0.366259	2.73031	0.833226	1.17491	1.17491	0.805354	1.20774	1.20774	0.216894	2.70133	2.70133	0.870054	0.805157	0.82741	1
cg27561421	BZW1	0.583381	0.290768	1.31035	1.31035	0.640815	0.892527	-1.12041	0.931581	1.0214	1.0214	0.252474	1.34273	1.34273	0.2248	1.36916	-1.36916	0.575648	1.14961	1.14961	0.5513	0.861869	-1.16027	0.58878	0.874098	-1.14404	0.175702	1.42616	1.42616	0.870062	0.83758	0.855705	1
cg04955246	PRKCA	0.583385	0.581872	0.728733	-1.37224	0.815543	1.14221	1.14221	0.574198	1.38131	1.38131	0.972813	1.109584	1.10958	0.471343	0.659081	-1.51726	0.297924	0.541204	-1.84773	0.103743	0.363374	-2.75199	0.152632	0.41825	-2.39092	0.96796	1.02311	1.02311	0.870056	0.46134	4.5579	1
cg07586435	PTPRF;PTPRF	0.583411	0.845031	0.919634	-1.09453	0.353726	0.56229	-1.77826	0.562167	0.501182	-1.99531	0.25037	0.574449	-1.7408	0.640849	0.805061	-1.24224	0.22221	0.153183	-1.80772	0.639966	0.804593	-1.24286	0.427287	0.68793	-1.45364	0.268762	0.587675	1.70163	0.870014	2.9349	2.99807	1
cg13889795	FAM27A	0.583416	0.560348	1.26245	1.26245	0.419295	1.38626	1.38626	0.375041	1.43382	1.43382	0.479263	1.32931	1.32931	0.158191	0.550405	-1.81684	0.494183	1.31624	1.31624	0.467638	0.746391	-1.33978	0.380462	1.42769	1.42769	0.576796	0.8000003	-1.24999	0.870007	2.15839	2.20523	1
cg03153795	DCLK2;DCLK2;CMC2;CMC2;CMC2;CMC2	0.583417	0.634114	0.871189	-1.14786	0.13266	1.59462	1.59462	0.307792	1.55474	1.55474	0.615043	1.157	1.157	0.873707	0.955282	-1.04681	0.546903	0.839184	-1.19152	0.206616	1.4668	1.4668	0.454822	0.804175	-1.24351	0.970621	1.010063	1.010063	0.870056	0.12969	1.16443	1
cg27547841	NCOR2;NCOR2	0.583418	0.22566	1.68953	2.69953	0.142059	3.44993	3.44993	0.0778496	4.58942	4.58942	0.417795	1.908834	1.908834	0.161248	1.16721	1.16721	0.58183	1.54358	1.54358	0.367696	2.05891	2.05891	0.51726	1.66934	1.66934	0.443292	1.84053	1.84053	0.870003	8.39324	8.57544	1
cg22387839	DDX56	0.583423	0.608315	1.11418	1.11418	0.42978	1.18363	1.18363	0.729277	1.07538	1.07538	0.976302	0.993806	-1.00623	0.573978	0.887965	-1.12617	0.132863	1.4038	1.4038	0.148514	0.723137	-1.38286	0.658559	1.09749	1.09749	0.6003868	1.11691	1.11691	0.869995	0.6028878	0.61597	1
cg18047684	CHCH03	0.583424	0.832823	1.05272	1.05272	0.971068	1.08458	1.08458	0.24082	1.34783	1.34783	0.848307	1.04761	1.04761	0.904128	1.01434	-1.01434	0.744555	0.923602	-1.08272	0.169554	0.700684	-1.42718	0.570495	1.17266	1.17266	0.13191	1.29027	1.29027	0.869985	0.814569	0.83186	1
cg13379195	CAMKK1;CAMKK1;CAMKK1	0.583431	0.279929	0.622494	-1.60644	0.303752	1.56756	1.56756	0.432192	1.40254	1.40254	0.365619	0.675511	-1.48036	0.451766	0.723583	-1.38201	0.963088	0.980509	-1.01972	0.174869	0.543912	-1.83853	0.407004	0.737013	-1.35683	0.599554	0.799646	-1.25055	0.869983	2.45399	2.50732	1
cg15855194	DKFZp779M0652	0.583434	0.386936	0.87013	1.14023	0.876751	0.881751	1.13411	0.518985	1.23896	1.23896	0.806994	0.813656	-1.22896	0.389293	1.13952	1.13952	0.328211	0.892277	-1.16377	0.288455	0.849313	-1.17743	0.418758	0.899028	-1.11231	0.272674	1.19402	1.19402	0.870013	0.508613	0.538173	1
cg16014770	AMN1;AMN1	0.583444	0.729633	0.919347	-1.08773	0.463961	1.19801	1.19801	0.249155	0.746812	-1.33902	0.213188	0.727794	-1.37401	0.398509	1.23307	1.23307	0.162383	0.696614	-1.43552	0.977628	1.00682	1.00682	0.675531	0.903002	-1.10742	0.780419	1.07008	1.07008	0.869963	0.809413	0.827022	1
cg07137751	PCNX	0.583447	0.87682	1.08797	1.08797	0.41629	0.636611	-1.57082	0.504824	0.692217	-1.44463	0.227886	1.98975	1.98975	0.957401	0.971382	-1.02946	0.454692	1.51276	1.51276	0.674422	0.794803	-1.25817	0.120982	2.49432	2.49432	0.426555	1.55473	1.55473	0.869921	4.07084	4.1596	1
cg25604247	CPNE4	0.583472	0.09722598	2.143201	2.143201	0.466571	2.16595	2.16595	0.0853	2.06455	2.06455	0.653979	0.604997	-1.65259	0.201778	0.479334	-2.08633	0.559801	1.65383	1.65383	0.604603	0.604997	-1.65259	0.201778	0.479334	-2.08633	0.559801	1.65383	1.65383	0.869921	0.671778	15.1824	1
cg03056849	MTMR1	0.583479	0.213662	0.240406	-4.15962	0.87051	0.837284	-1.19434	0.878129	0.846164	-1.1818	0.233608	3.89392	3.89392	0.25759	3.6186	3.6186	0.1925	0.222785	-4.48864	0.928151	0.906935	-1.10261	0.897167	0.868702	-1.15114	0.885097	0.854355	-1.17047	0.869908	16.3264	16.6826	1
cg23140554	DCLK2;DCLK2	0.583505	0.38623	1.75383	1.75383	0.56947	1.44343	1.44343	0.69281	1.07712	1.07712	0.158557	1.55904	1.55904	0.810222	1.6455	1.6455	0.697705	1.2803	1.2803	0.583572	0.550994	-1.95813	0.510222	1.53303	1.53303	0.68474	1.55107	1.55107	0.564375	1.64175	1.6826	1
cg04478179	RNF175	0.583502	0.925262	1.04491	1.04491	0.625734	1.25877	1.25877	0.474091	1.71161	-1.40614	0.844451	1.09633	1.09633	0.330344	0.605033	1.6528	0.434018	0.688152	-1.45317	0.500659	1.37718	1.37718	0.121292	2.19564	2.19564	0.371839	1.53615	1.53615	0.86987	1.01983	3.08585	1
cg01155784	PBX1	0.583506	0.300323	0.491494	-2.03461	0.413147	0.574815	-1.73969	0.512688	1.55178	1.55178	0.579379	0.69036	-1.44852	0.201339	0.409415	-2.44251	0.654043	0.741903	-1.34788	0.141145	0.350856	-2.85018	0.182307	0.391891	-2.55173	0.547069	0.668125	-1.49673	0.869864	6.03099	6.16596	1
cg13476336	NR1D1	0.583516	0.183163	1.75749	1.75749	0.569183	0.886853	-1.1259	0.928965	1.13896	1.13896	0.274677	1.24667	1.24667	0.277658	1.2486	1.2486	0.804298	1.24867	1.24867	0.800293	1.00182	-1.01082	0.739123	1.03397	1.03397	0.866841	0.532819	0.532819	0.869985	0.719737	0.2459	1
cg15834202	PDE4D;PDE4D;PDE4D	0.583521	0.944633	1.04865	1.04865	0.261442	2.22899	2.22899	0.202189	0.768868	-1.30061	0.50093	1.59558	1.59558	0.95083	0.661824	-1.51097	0.706719	1.29504	1.29504	0.3569	1.91188	1.91188	0.0853565	3.67242	3.67242	0.306825	2.06184	2.06184	0.869841	6.44477	6.5859	1
cg19187145	SEC63;PRC1	0.583529	0.577936	1.24796	1.24796	0.437654	1.82351	1.82351	0.245715	1.18888	1.18888	0.697226	0.902655	-1.10774	0.397939	0.831789	-1.20221	0.353437	1.3047	1.3047	0.188415	0.928716	-1.07676	0.864353	1.15471	1.15471	0.158307	1.02095	1.02095	0.869774	1.18402	1.22688	1
cg22337744	TAGAP;TAGAP;TAGAP	0.583525	0.134023	0.244074	-4.09712	0.487307	0.540159	-1.85131	0.605117	1.5765	1.5765	0.336636	2.37402	2.37402	0.242501	0.343872	-2.90806	0.588413	1.61093	1.61093	0.731945	0.740761	-1.34996	0.741363	0.748971	-1.33516	0.400453	0.471832	-2.1194	0.869835	10.4926	10.7225	1
cg06980341	ARHGEF10L	0.583532	0.637021	0.817542	-1.22318	0.0937892	2.1837	2.1837	0.213766	1.74167	1.74167	0.90373	0.950009	-1.05262	0.931698	0.96432	-1.037	0.715161	1.16805	1.16805	0.401465	1.43902	1.43902	0.352308	0.775054	-1.29023	0.547186	0.772446	-1.29459	0.869824	2.47468	2.52891	1
cg02505299	MIR548J	0.583533	0.124827	1.57103	1.57103	0.640214	0.76941	-1.30139	0.201831	0.559062	-1.78907	0.162319	1.0186	1.0186	0.781902	0.962313	-1.039	0.450515	0.740838	-1.34982	0.437379	1.1293	1.1293	0.491452	1.31341	1.31341	0.495921	1.76357	1.76357	0.869823	2.70705	2.14302	1
cg05038053	NR1H3;ACP2;ACP2	0.583541	0.237487	0.523528	-1.91012	0.646167	0.302676	-3.30386	0.938144	0.960225	-1.04142	0.303907	0.573017	-1.74515	0.811957	0.883218	-1.13273	0.664726	0.796094	-1.25613	0.601072	0.758897	-1.3177	0.79291	0.871451	-1.14751	0.810409	1.13392	1.13392	0.86981	3.76746	3.8501	1
cg15662151	TMEM168	0.583546	0.686324	0.872992	-1.14559	0.47824	0.90228	-1.10778	0.903855	0.978262	-1.02222	0.284995	1.025653	1.025653	0.912703	0.975168	-1.02536	0.429898	0.753553	-1.32703	0.347901	1.15072	1.15072	0.552225	0.894028	-1.11856	0.552745	0.894641	-1.11799	0.868505	0.474453	0.468568	1
cg08857478	JMJD6;C17orf95;JMJD6;JMJD6;JMJD6	0.583557	0.484564	0.919774	-1.08722	0.542614	1.07526	1.07526	0.549096	1.07398	1.07398	0.505765	0.923583	-1.08274	0.764166	0.964594	-1.03671	0.684597	0.953057	-1.04926	0.313003	1.13073	1.13073	0.643994	0.946686	-1.05632	0.0904273	1.24565	1.24565	0.869785	0.190946	0.19514	1
cg25095973	GDF2	0.583558	0.653388	0.748472	-1.33606	0.687147	0.771444	-1.29627	0.32551	0.521681	-1.91688	0.532223	1.50006	1.50006	0.33536	0.529007	-1.89033	0.497369	0.643002	-1.55521	0.46989	0.624241	-1.60195	0.92835	1.05934	1.05934	0.0572806	0.25197	-3.96872	0.869777	5.65908	5.78344	1
cg09507928	HCN2;DLG2;PLCH2;K	0.583565	0.35863	1.75383	1.75383	0.56947	1.44343	1.44343	0.69281	1.07712	1.07712	0.158557	1.55904	1.55904	0.810222	1.6455	1.6455	0.702691	0.907314	-1.10215	0.705275	1.0017	1.0017	0.997227	0.731275	-1.36747	0.728539	1.09239	1.09239	0.869747	0.881817	0.954658	1
cg04478179	RNF175	0.583502	0.925262	1.04491	1.04491	0.625734	1.25877	1.25877	0.474091	1.71161	-1.40614	0.844451	1.09633	1.09633	0.330344	0.605033	1.6528	0.434018	0.688152	-1.45317	0.500659	1.37718	1.37718	0.121292	2.19564	2.19564	0.371839	1.53615	1.53615	0.86987	1.01983	3.08585	1
cg11155784	PBX1	0.583506	0.300323	0.491494	-2.03461	0.413147	0.574815	-1.73969	0.512688	1.55178	1.55178	0.579379	0.69036	-1.44852	0.201339	0.409415	-2.44251	0.654043	0.741903	-1.34788	0.141145	0.350856	-2.85018	0.182307	0.391891	-2.55173	0.547069	0.668125	-1.49673	0.869864	6.03099	6.16596	1
cg13476336	NR1D1	0.583516	0.183163	1.75749	1.75749	0.569183	0.886853	-1.1259	0.928965	1.13896	1.13896	0.274677	1.24667	1.24667	0.277658	1.2486	1.2486	0.804298	1.24867	1.24867	0.800293	1.00182	-1.01082	0.739123	1.03397	1.03397	0.866841	0.532819	0.532819	0.869985	0.719737	0.2459	1
cg15834202	PDE4D;PDE4D;PDE4D	0.583521	0.944633	1.04865	1.04865	0.261442	2.22899	2.22899	0.202189	0.768868	-1.30061	0.50093	1.59558	1.59558	0.95083	0.661824	-1.51097	0.706719	1.29504	1.29504	0.3569	1.91188	1.91188	0.0853565	3.67242	3.67242	0.306825	2.06184	2.06184	0.869841	6.44477	6.5859	1
cg19187145	SEC63;PRC1	0.583529	0.577936	1.24796	1.24796	0.437654	1.82351	1.82351	0.245715	1.18888	1.18888	0.697226	0.902655	-1.10774	0.397939	0.831789	-1.20221	0.353437	1.3047	1.3047	0.188415	0.928716	-1.07676	0.864353	1.15471	1.15471	0.158307	1.02095	1.02095	0.869774	1.18402	1.22688	1
cg22337744	TAGAP;TAGAP;TAGAP	0.583525	0.134023	0.244074	-4.09712	0.487307	0.540159	-1.85131	0.605117	1.5765	1.5765	0.336636	2.37402	2.37402	0.242501	0.343872	-2.90806	0.588413	1.61093	1.61093	0.731945	0.740761	-1.34996	0.741363	0.748971	-1.33516	0.400453	0.471832	-2.1194	0.869835	10.4926	10.7225	1
cg06980341	ARHGEF10L	0.583532	0.637021	0.817542	-1.22318	0.0937892	2.1837	2.1837	0.213766	1.74167	1.74167	0.90373	0.950009	-1.05262	0.931698	0.96432	-1.037	0.715161	1.16805	1.16805	0.401465	1.43902	1.43902	0.352308	0.775054	-1.29023	0.547186	0.772446	-1.29459	0.869824	2.47468	2.52891	1
cg02505299	MIR548J	0.583533	0.124827	1.57103	1.57103	0.640214	0.76941	-1.30139	0.201831	0.559062	-1.78907	0.162319	1.0186	1.0186	0.781902	0.962313	-1.039	0.450515	0.740838	-1.34982	0.437379	1.1293	1.1293	0.491452	1.31341	1.31341	0.495921	1.76357	1.76357	0.869823	2.70705	2.14302	1
cg05038053	NR1H3;ACP2;ACP2	0.583541	0.237487	0.523528	-1.91012	0.646167	0.302676	-3.30386	0.938144	0.960225	-1.04142	0.303907	0.573017	-1.74515	0.811957	0.883218	-1.13273	0.664726	0.796094	-1.25613	0.601072	0.758897	-1.3177	0.79291	0.871451	-1.14751	0.810409	1.13392	1.13392	0.86981	3.76746	3.8501	1
cg15662151	TMEM168	0.583546	0.686324	0.872992	-1.14559	0.47824	0.90228	-1.10778	0.903855	0.978262	-1.02222	0.284995	1.025653	1.025653	0.912703	0.975168	-1.02536	0.429898	0.753553	-1.32703	0.347901	1.15072	1.15072	0.552225	0.894028	-1.11856	0.552745	0.894641	-1.11799	0.868505	0.474453	0.468568	1
cg08857478	JMJD6;C17orf95;JMJD6;JMJD6;JMJD6	0.583557	0.484564	0.919774	-1.08722	0.542614	1.07526	1.07526	0.549096	1.07398	1.07398	0.505765	0.923583	-1.08274	0.764166	0.964594	-1.03671	0.684597	0.953057	-1.04926	0.313003	1.13073	1.13073	0.643994	0.946686	-1.05632	0.0904273	1.24565	1.24565	0.869785	0.190946	0.19514	1
cg25095973	GDF2	0.583558	0.653388	0.748472	-1.33606	0.687147	0.771444	-1.29627	0.32551	0.521681	-1.91688	0.532223	1.50006	1.50006	0.33536	0.529007	-1.89033	0.497369	0.643002	-1.55521	0.46989	0.624241	-1.60195	0.92835	1.05934	1.05934	0.0572806	0.25197	-3.96872	0.869777	5.65908	5.78344	1
cg09507928	HCN2;DLG2;PLCH2;K	0.583565	0.35863	1.75383	1.75383	0.56947	1.44343	1.44343	0.69281	1.07712	1.07712	0.158557	1.55904	1.55904	0.810222	1.6455	1.6455	0.702691	0.907314	-1.10215	0.705275	1.0017	1.0017	0.997227	0.731275	-1.36747	0.728539	1.09239	1.09239	0.869747	0.881817	0.954658	1
cg15236581	NFYC;NFYC	0.583591	0.204388	2.98014	2.98014	0.414874	1.95745	1.95745	0.289903	2.43546	2.43546	0.990115	1.000096	0.538404	0.606365	1.64917	1.64917	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg19287220	ZNF69	0.583594	0.799329	0.949014	-1.05373	0.775248	0.942888	-1.06057	0.879022	1.03179	1.03179	0.772114	1.06147	1.06147	0.932344	0.835251	-1.19725	0.154536	1.3676	1.3676	0.270108	0.789856	-1.26605	0.302657	1.24527	1.24527	0.349189	1.21894	1.21894	0.869726	0.583128	0.594137	1
cg18394611	RNF31;PSME2	0.583605	0.667275	0.948618	-1.05464	0.797842	0.917142	1.03217	0.312	1.04212	1.04212	0.620871	0.960431	-1.04156	0.54826	1.08084	1.08084	0.116513	1.13414	1.13414	0.760563	0.954052	-1.04753	0.880671	1.0187	1.0187	0.987709	0.995599	0.995599	0.214222	1
cg16182055	ETF1	0.583608	0.110388	0.68527	-1.68527	0.237131	0.689664	-1.44998	0.794217	0.98027	-1.02099	0.583551	0.946977	-1.18067	0.519836	0.822244	-1.21618	0.901805	0.963648	-1.03772	0.291923	1.38825	1.38825	0.302017	1.02942	1.02942	0.968766	0.988323	-1.01182	0.869703	1.23959	1.26693	1
cg06740995	CAPN2	0.583615	0.288393	0.429673	-2.32735	0.176645	0.00673	3.00673	0.152093	3.24107	3.24107	0.645184	0.700918	-1.4267	0.506085	0.596246	-1.67716	0.765846	0.795403	-1.25722	0.828084	0.846466	-1.18138	0.956556	1.04264	1.04264	0.675054	0.723866	-1.38147	0.869694	8.09123	8.26982	1
cg23941581	STARD4	0.583622	0.394224	1.47722	1.47722	0.429738	0.787397	-1.38162	0.565871	0.769088	-1.26089	0.75661	1.883225	1.883225	0.179596	0.842241	-1.18747	0.47274	1.1387	1.1387	0.557625	1.25753	1.25753	0.0765136	1.21982	1.21982	0.189685	1.19737	1.19737	0.8695	2.3459	2.3459	1
cg13114166	RPA2;RPA2	0.583621	0.229629	1.4064	1.4064	0.32078	1.31988	1.31988	0.860995	0.95339	-1.04889	0.917638	1.02838	1.02838	0.348971	0.770387	-1.29805	0.819702	1.06371	1.06371	0.1292	1.02511	1.02511	0.720112	1.02511	1.02522	0.720112	1.02511	1.02511	0.907244	-1.10224	0.869683	1.08822	1.03048	1
cg05224591	C11orf94	0.583624	0.953313	1.02844	1.02844	0.452253	0.64741	-1.44318	0.350883	1.584	1.584	0.25581	1.76521	1.76521	0.445909	0.689228	-1.45095	0.952426	0.971823	-1.02899	0.413059	0.66073	-1.49114	0.188004	0.5126	-1.95084	0.489461	1.39982	1.39982	0.869679	3.1609	3.23072	1
cg15157828	FHOD1	0.583632	0.481022	0.809198	-1.23579	0.390856	1.29721	1.29721	0.261665	0.885823	-1.01438	0.1326	1.62279	1.62279	0.187843	0.602125	-1.66066	0.976424	1.00875	1.00875	0.136115	1.22963	1.22963	0.658778	1.14015	1.14015	0.956096	1.01636	1.01636	0.875631	1.18017	1.20429	1
cg07025312	KIAA0556	0.583649	0.158232	0.429451	-2.32855	0.259425

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07725318	HLA-L		0.356073	0.830649	-1.17557	0.809292	1.04603	1.04603	0.673996	1.08193	1.08193	0.488149	0.877143	-1.14007	0.782657	0.949834	-1.05282	0.157278	0.754655	-1.32511	0.449273	1.15431	1.15431	0.168658	1.31389	1.31389	0.893277	1.0253	1.0253	0.868775	0.476638	0.476638	0.476762	1
cg00211821	MPRIP;MPRIP		0.382109	0.302101	0.614121	-1.62834	0.848814	0.916642	-1.09094	0.88244	1.06981	1.06981	0.269079	1.20899	1.20899	0.468272	0.714221	-1.40013	0.92562	0.958308	-1.04351	0.295085	0.609439	-1.64085	0.161469	1.97772	1.97772	0.230607	0.563515	-1.17457	0.868774	2.86191	2.92818	1
cg05175606	ANKRD11		0.584213	0.923834	1.03538	1.03538	0.119744	1.84721	1.84721	0.178136	1.68226	1.68226	0.926291	0.966921	-1.03421	0.89917	1.04716	1.04716	0.525255	0.791343	-1.26367	0.874923	0.944343	-1.05894	0.456612	0.759103	-1.31734	0.411194	0.736763	-1.35729	0.868752	1.81839	1.86054	1
cg25756066	DDAH1;DDAH1		0.972476	0.992405	0.991001	-1.00908	0.897435	0.966710	-1.03617	0.631547	1.13495	1.13495	0.744391	1.08988	1.08988	0.295297	1.32891	1.32891	0.769167	0.929791	-1.08016	0.062696	0.57767	-1.73109	0.014022	0.875255	-1.14252	0.469327	0.824587	-1.21273	0.86875	0.944475	0.966369	1
cg08841511	FAM190B		0.584218	0.319621	0.407004	-2.49561	0.232054	0.328077	-3.04807	0.148843	0.252399	-3.96198	0.312741	0.395139	-2.53475	0.347264	-2.87965	0.406143	0.469682	-2.1291	0.534457	0.571528	-1.74969	0.438125	2.02035	2.02035	0.596683	0.621956	-1.60783	0.868743	10.8793	11.1316	1
cg05648124	RAB15;RAB35		0.584234	0.668415	1.30399	1.30399	0.138242	2.67285	2.67285	0.944065	0.957698	-1.04417	0.943858	1.8233	1.8233	0.341949	0.547403	-1.82705	0.359198	1.78736	1.78736	0.283574	1.98631	1.98631	0.300649	1.93608	1.93608	0.454826	1.59831	1.59831	0.868718	3.22076	5.34198	1
cg24931561	C6orf35		0.584246	0.992723	1.00221	1.00221	0.141782	0.681828	-1.46655	0.574989	1.14723	1.14723	0.788911	1.06722	1.06722	0.276581	1.31569	1.31569	0.182246	1.40947	1.40947	0.603789	0.880797	-1.13533	0.547487	1.15902	1.15902	0.961275	1.01184	1.01184	0.8687	0.808647	0.827441	1
cg07849904	MIN1		0.584256	0.779393	0.962107	-1.03939	0.565566	1.07955	1.07955	0.617375	1.18177	1.18177	0.837739	1.02861	1.02861	0.924205	1.01808	1.01808	0.442045	1.11863	1.11863	0.497439	0.971105	-1.02976	0.949347	1.23706	1.23706	0.249311	1.18209	1.18209	0.868684	0.26035	0.265405	1
cg02690576	BLM		0.584262	0.974703	1.00601	1.00601	0.674901	0.67597	-1.47935	0.662388	0.920352	-1.08654	0.352177	0.844554	-1.18426	0.327666	1.21032	1.21032	0.521443	0.88447	-1.13062	0.447208	0.863852	-1.15761	0.635077	0.914009	-1.09408	0.657955	0.910268	-1.08782	0.868674	0.491021	0.502448	1
cg26703963	WRB		0.584265	0.315774	1.20853	1.20853	0.521928	1.12583	1.12583	0.888207	1.02602	1.02602	0.770799	1.05479	1.05479	0.330858	1.20107	1.20107	0.293828	1.21998	1.21998	0.0652682	1.4592	1.4592	0.532331	0.890924	-1.12243	0.66805	1.08196	1.08196	0.868669	0.458742	0.46942	1
cg04548919	TIMELESS		0.584269	0.811849	1.08363	1.08363	0.705703	0.97436	-1.02649	0.9343	1.01425	1.01425	0.955498	1.00231	1.00231	0.991754	1.00345	1.00345	0.728895	0.894363	-1.11831	0.523302	1.23065	1.23065	0.6928	0.888377	-1.12588	0.616629	0.622751	-1.60578	0.868664	1.41643	1.44941	1
cg05337387	ST7;ST7		0.584274	0.526683	0.650187	-1.53802	0.353066	0.89802	1.89892	0.975582	1.02247	1.02247	0.55983	1.48544	1.48544	0.208265	0.77704	-1.28693	0.381216	1.82714	1.82714	0.591663	1.43823	1.43823	0.694232	1.30363	1.30363	0.0876701	0.282199	-3.5436	0.868656	6.1963	6.34063	1
cg15831228	CTNNA2;CTNNA2		0.584281	0.337326	0.424459	-2.35572	0.359863	0.20972	-4.76827	0.0820787	0.188604	-5.27456	0.832623	0.832469	-1.2012	0.340229	0.749643	-1.33397	0.769893	0.779161	-1.28027	0.433694	0.500573	-1.99773	0.993135	1.00099	1.00099	0.945075	1.05919	1.05919	0.868645	10.3228	10.5634	1
cg01079945	DOT1L		0.584287	0.195373	0.775681	-1.28919	0.936469	0.890382	-1.12311	0.664611	1.12158	1.12158	0.95824	1.00976	1.00976	0.868358	0.969701	1.03125	0.584992	0.90262	-1.10789	0.410961	1.37247	1.37247	0.952197	1.01118	1.01118	0.890509	0.974776	-1.02588	0.868636	0.473297	0.484333	1
cg05527491	B3GNT9		0.584287	0.391389	0.498085	-2.00769	0.798274	1.22541	1.22541	0.280499	0.430514	-2.45597	0.405709	0.509073	-1.96436	0.394029	0.500421	-1.99832	0.068136	0.197648	-5.05949	0.438768	0.534259	-1.87161	0.975107	0.975608	-1.025	0.264592	0.39738	-2.51648	0.868635	8.66619	8.86827	1
cg19226934	GFM1		0.584288	0.573649	0.74208	1.34203	7	0.0780227	0.0780227	0.0780227	0.0780227	1.32517	0.129771	0.200008	0.200008	0.299809	0.57351	-1.74365	0.581825	0.781874	-1.27898	0.143507	0.350102	0.52965	1.90572	1.90572	0.120881	0.120881	0.267147	-3.74899	0.856102	3.22674	3.76911	1
cg14286048	SULF2;SULF2;SULF2		0.584288	0.278476	0.60743	-1.64628	0.491825	0.734281	-1.36188	0.907653	0.94996	-1.05268	0.844942	1.09048	1.09048	0.345544	0.650662	-1.5369	0.581825	0.781874	-1.27898	0.152026	1.97161	1.97161	0.29083	1.62407	1.62407	0.86901	0.929586	-1.07575	0.868634	2.69235	2.75513	1
cg04242627	TRIM15		0.584291	0.553406	0.849158	-1.19023	0.405956	1.28021	1.28021	0.50948	1.21453	1.21453	0.548975	1.59256	1.59256	0.0952795	1.70295	1.70295	0.978689	1.00779	1.00779	0.9706902	1.04605	1.04605	0.919502	1.34825	1.34825	0.621585	1.15548	1.15548	0.868628	1.16064	1.18771	1
cg07361491	GATA6;GATA6		0.584303	0.911258	0.987541	-1.01262	0.474476	1.08251	1.08251	0.186006	1.21986	1.21986	0.770273	0.967614	-1.03347	0.202047	1.16352	1.16352	0.299455	1.12852	1.12852	0.708033	0.935885	-1.0432	0.78238	1.03088	1.03088	0.125128	1.14291	1.14291	0.868661	0.173896	0.177956	1
cg07701530	PIP4K2A		0.584311	0.818997	1.18586	1.18586	0.844337	1.15743	1.15743	0.619519	0.689177	-1.45101	0.546991	1.57346	1.57346	0.673737	0.729842	-1.37016	0.39273	1.91775	1.91775	0.236572	2.51509	2.51509	0.0889398	4.03605	4.03605	0.247832	2.45597	2.45597	0.868598	7.60866	7.7864	1
cg22090773	NCAN		0.584315	0.820344	1.33454	1.33454	0.500503	0.92796	-1.35799	0.815534	1.34512	1.34512	7	0.448845	2.60807	2.60807	2.60807	2.60807	0.378046	0.316921	-1.15556	0.123217	0.177142	-8.53667	0.749313	0.605755	-1.50205	7	7	0.846286	16.4173	19.3992	1
cg24009736	B4GALNT1		0.584321	0.383718	0.216941	1.21641	0.869445	0.10674	1.03674	0.733949	0.927906	-1.07773	0.403304	0.828961	-1.20633	0.804386	1.05594	1.05594	0.714525	0.922583	-1.08391	0.0813253	0.654554	-1.52776	0.416733	1.19966	1.19966	0.558253	1.13867	1.13867	0.868578	0.661782	0.677257	1
cg19263228	PRDM16;PRDM16		0.584325	0.487557	0.734149	1.36175	0.741658	1.3414	1.3414	0.354205	0.822595	-1.21529	0.604787	0.844554	-1.18398	0.731581	1.36951	1.36951	0.29597	3.40861	3.40861	0.319099	1.9139	1.9139	0.240087	2.75172	2.75172	1.1789	1.1789	0.349689	2.9264	2.9264	0.868386	17.1111	17.5151	1
cg21479996	DDAH2;DDAH2		0.584332	0.788294	0.910407	-1.09841	0.855198	0.938279	-1.06578	0.661618	0.857619	-1.16602	0.394267	0.737633	-1.35569	0.65288	0.853942	1.17104	0.23049	0.644865	-1.55071	?	?	?	0.0513951	0.461389	-2.16737	0.896566	0.955654	-1.0464	0.856031	1.46572	1.71223	1
cg04605155	SPTBN1		0.584335	0.612381	0.920385	-1.0865	0.844757	0.968669	-1.03234	0.272132	1.20385	1.20385	0.766053	0.952706	-1.04964	0.755526	0.950551	-1.05202	0.309491	0.843017	-1.18622	0.0670918	0.716603	-1.39547	0.738781	0.947511	-1.05584	0.846833	1.0319	1.0319	0.8686	0.362667	0.371156	1
cg15738660	C5orf67		0.584335	0.967214	1.03361	1.03361	0.705403	0.912528	0.81441	-1.22788	0.708	0.924103	1.03577	0.735252	1.36045	1.36045	0.0494337	1.73465	0.719075	1.06006	-1.04435	0.619257	0.923967	-1.08229	0.0739614	1.37053	1.37053	0.683516	0.342809	0.350843	1
cg13477774	COL20A1		0.584377	0.092882	0.41788	-2.39303	0.81843	0.897122	-1.11468	0.223997	0.547106	-1.8278	0.609183	0.827648	-1.20824	0.228418	0.550553	-1.81636	0.908997	1.05547	1.05547	0.233375	0.554376	-1.80383	0.381757	0.587093	-1.69577	0.817628	0.896682	-1.11522	0.868493	3.06607	3.13807	1
cg08495106	LOC100128822		0.584378	0.369834	0.889357	-1.19139	0.749855	0.924804	-1.08145	0.512304	1.13897	1.13897	0.743853	1.21898	1.21898	0.328626	1.13866	1.13866	0.0592972	0.66702	-1.4992	0.0036951	0.507875	1.97033	1.97033	0.594319	-1.0591	0.894311	1.05579	1.05579	0.86849	0.497331	0.509019	1
cg21260704	SHANK2		0.584391	0.635802	1.15412	1.15412	0.81097	1.07465	1.07465	0.439775	1.26725	1.26725	0.514994	1.25191	1.25191	0.196291	1.41676	1.41676	0.309065	1.37204	1.37204	0.238128	1.44958	1.44958	0.0418582	2.03228	2.03228	0.578127	1.18388	1.18388	0.718724	1.1148	1.14473	1.27093	1
cg03668475	SP6		0.584412	0.989524	0.982485	-1.01783	0.268349	4.76254	4.76254	0.966108	0.944414	-1.05886	0.441356	0.346499	-2.88601	0.360028	0.280272	-3.56796	0.793954	0.702984	-1.42251	0.603955	0.202446	0.202446	0.14352	8.49364	8.49364	0.31603	4.06506	4.06506	0.874347	24.5588	21.8463	1
cg01037344	LBR;LBR		0.584414	0.654314	0.882995	-1.13255	0.709516	0.93619	-1.06924	0.581584	1.14512	1.14512	7	0.448845	2.60807	2.60807	2.60807	2.60807	0.946106	0.981536	-1.01868	0.741304	0.944147	-1.18463	0.744312	0.976666	-1.02389	0.610794	0.637256	-1.56921	0.868434	1.04839	1.07308	1
cg02131230	MSRA;MSRA;MSRA		0.584418	0.720347	1.25827	1.25827	0.168394	2.55494	2.55494	0.610865	0.720398	-1.38812	0.160604	2.60606	2.60606	0.825359	0.868287	-1.15169	0.215032	2.32068	2.32068	0.895543	0.910749	-1.08757	0.612665	0.724036	-1.38115	0.639745	0.739878	-1.35157	0.868429	5.61742	5.74977	1
cg18447440	CDKN1C;CDKN1C		0.584423	0.753882	0.899104	-1.11253	0.774558	0.9414	1.06227	0.945603	1.59645	1.59645	0.885548	1.04108	1.04108	0.852958	1.19123	1.19123	0.265509	1.0081	1.0081	0.0144703	0.722512	1.38453	1.38453	0.642583	0.642583	0.0145991	1.154	1.154	0.134072	0.642583	0.642583	0.0145991	0.868301	0.51955	11.1954	1
cg08172304	CPSF1;MIR939		0.584429	0.392453	1.24267	1.24267	0.387366	0.802744	-1.24573	0.618487	0.882938	-1.13258	0.555304	1.15945	1.15945	0.165027	1.44379	1.44379	0.171696	1.43451	1.43451	0.944416	1.01744	1.01744	0.499297	0.843604	-1.18539	0.922524	1.02442	1.02442	0.868412	0.845808	0.865752	1
cg04256896	DTNB;DTNB;DTNB;DTNB;DTNB		0.584448	0.678011	1.25861	1.25861	0.932245	0.954234	-1.04796	0.401343	0.622997	-1.60514	0.0535801	0.298899	-3.34561	0.536105	1.41222	1.41222	0.676478	1.26009	1.26009	0.617343	1.32152	1.32152	0.823244	0.884042	-1.13117	0.661151	0.784279	-1.27506	0.868387	4.17407	4.27262	1
cg23125542	ATP6D1;ATP6D1;ATP6D1;ATP6D1		0.584456	0.487557	0.734149	1.36175	0.741658	1.3414	1.3414	0.354205	0.822595	-1.21529	0.604787	0.844554	-1.18398	0.731581	1.36951	1.36951	0.29597	3.40861	3.40861	0.319099	1.9139	1.9139	0.240087	2.75172	2.75172	1.1789	1.1789	0.349689	2.9264	2.9264	0.868386	17.1111	17.5151	1
cg14875131	SDCCAG10;SFRS12IP1		0.584456	?	?	?	0.983865	0.983135	-1.01715	0.769404	1.28064	1.28064	?	?	?	?	?	?	?	?	0.227205	2.92798	2.92798	0.946616	1.05794	1.05794	0.156957	3.62017	3.62017	0.797475	4.85949	8.53104	1
cg07218487	MLL2		0.584457	0.908804	0.954993	1.04711	0.595384	0.94336	1.06058	0.24036	1.34346	1.34346	1.4794	0.840934	0.932415	-1.08411	0.093698	0.476719	2.09767	0.373072	1.01366	-1.01366	0.323475	0.771335	-1.29645	0.507124	0.507124	0.508801	0.843893	0.751323	-1.33108	0.868167	2.22133	2.27382	1
cg15738660	C5orf67		0.584465	0.967214	1.03361	1.03361	0.705403	0.912528	0.81441	-1.22788	0.708	0.924103	1.03577	0.735252	1.36045	1.36045	0.0494337	1.73465	0.719075	1.06006	-1.04435	0.619257	0.923967	-1.08229	0.0739614	1.37053	1.37053	0.683516	0.342809	0.350843	1
cg13477774	COL20A1		0.584377	0.0929882	0.41788	-2.39303	0.81843	0.897122	-1.11468	0.223997	0.547106	-1.8278	0.609183	0.827648	-1.20824	0.228418	0.550553	-1.81636	0.908997	1.05547	1.05547	0.233375	0.554376	-1.80383	0.381757	0.587093	-1.69577	0.817628	0.896682	-1.11522	0.868493	3.06607	3.13807	1
cg08495106	LOC100128822		0.584378	0.369834	0.889357	-1.19139	0.749855	0.924804	-1.08145	0.512304	1.13897	1.13897	0.743853	1.21898	1.21898	0.328626	1.13866	1.13866	0.0592972	0.66702	-1.4992	0.0036951	0.507875	1.97033	1.97033	0.594319	-1.0591	0.894311	1.05579	1.05579	0.86849	0.497331	0.509019	1
cg21260704	SHANK2		0.584391	0.635802	1.15412	1.15412	0.81097	1.07465	1.07465	0.439775	1.26725	1.26725	0.514994	1.25191	1.25191	0.196291	1.41676	1.41676	0.309065	1.37204	1.37204	0.238128	1.44958	1.44958	0.0418582	2.03228	2.03228	0.578127	1.18388	1.18388	0.718724	1.1148	1.14473	1.27093	1
cg03668475	SP6		0.584412	0.989524	0.982485	-1.01783	0.268349	4.76254	4.76254	0.966108	0.944414	-1.05886	0.441356	0.346499	-2.88601	0.360028	0.280272	-3.56796	0.793954	0.702984	-1.42251	0.603955	0.202446	0.202446	0.14352	8.49364	8.49364	0.31603	4.06506	4.06506	0.874347	24.5588	21.8463	1
cg01037344	LBR;LBR		0.584414	0.654314	0.882995	-1.13255	0.709516	0.93619	-1.06924	0.581584	1.14512	1.14512	7	0.448845	2.60807	2.60807	2.60807	2.60807	0.946106	0.981536	-1.01868	0.741304	0.944147	-1.18463	0.744312	0.976666	-1.02389	0.610794	0.637256	-1.56921	0.868434	1.04839	1.07308	1
cg02131230	MSRA;MSRA;MSRA		0.584418	0.720347	1.25827	1.25827	0.168394	2.55494	2.55494	0.610865	0.720398	-1.38812	0.160604	2.60606	2.60606	0.825359	0.868287	-1.15169	0.215032	2.32068	2.32068	0.895543	0.910749	-1.08757	0.612665	0.724036	-1.38115	0.639745	0.739878	-1.35157	0.868429	5.61742	5.74977	1
cg18447440	CDKN1C;CDKN1C		0.584423	0.753882	0.899104	-1.11253	0.774558	0.9414	1.06227	0.945603	1.59645	1.59645	0.885548	1.04108	1.04108	0.852958	1.19123	1.19123	0.265509	1.0081	1.0081	0.0144703	0.722512	1.38453	1.38453	0.642583	0.642583	0.0145991	1.154	1.154	0.134072	0.642583	0.642583	0.0145991	0.868301	0.51955	11.1954	1
cg08172304	CPSF1;MIR939		0.584429	0.392453	1.24267	1.24267	0.387366	0.802744	-1.24573	0.618487	0.882938	-1.13258	0.555304	1.15945	1.15945	0.165027	1.44379	1.44379	0.171696	1.43451	1.43451	0.944416	1.01744	1.01744	0.499297	0.843604	-1.18539	0.922524	1.02442	1.02442	0.868412	0.845808	0.865752	1
cg04256896	DTNB;DTNB;DTNB;DTNB;DTNB		0.584448	0.678011	1.25861	1.25861	0.932245	0.954234	-1.04796	0.401343	0.622997	-1.60514	0.0535801	0.298899	-3.34561	0.536105	1.41222	1.41222	0.676478	1.26009	1.26009	0.617343	1.32152	1.32152	0.823244	0.884042	-1.13117	0.661151	0.784279	-1.27506	0.868387	4.17407	4.27262	1
cg23125542	ATP6D1;ATP6D1;ATP6D1;ATP6D1		0.584456	0.487557	0.734149	1.36175	0.741658	1.3414	1.3414	0.354205	0.822595	-1.21529	0.604787	0.844554	-1.18398	0.731581	1.36951	1.36951	0.29597	3.40861	3.40861	0.319099	1.9139	1.9139	0.240087	2.75172	2.75172	1.1789	1.1789	0.349689	2.9264	2.9264	0.868386	17.1111	17.5151	1
cg14875131	SDCCAG10;SFRS12IP1		0.584456	?	?	?	0.983865	0.983135	-1.01715	0.769404	1.28064	1.28064	?	?	?	?	?	?	?	?	0.227205	2.92798	2.92798	0.946616	1.05794	1.05794	0.156957	3.62017	3.62017	0.797475	4.85949	8.53104	1
cg07218487	MLL2		0.584457	0.908804	0.954993	1.04711	0.595384	0.94336	1.06058	0.24036	1.34346	1.34346	1.4794	0.840934	0.932415	-1.08411	0.093698	0.476719	2.09767	0.373072	1.01366	-1.01366	0.323475	0.771335	-1.29645	0.507124	0.507124	0.508801	0.843893	0.751323	-1.33108	0.868167	2.22133	2.27382	1
cg24146415	PTPLB		0.584484	0.366363	-2.43522	0.146372	0.263616	0.371616	-2.69095	0.0554612	0.169725	-5.89175	0.271582	0.39254	-2.54751	0.414257	0.505657	1.97763	0.327073	0.437522	-2.2856	0.587646	0.636433	-1.56413	0.496804	0.569099	-1.75716	0.783909	0.798839	-1.25182	0.868326	1.18057	9.39797	1
cg27469606	SBNO1		0.584488	0.85801	1.06425	1.06425	0.444139	0.762408	-1.31163	0.522846	1.25255	1.25255	0.962385	0.983735	-1.01653	0.271496	0.671627	-1.48892	0.462195	0.770438	-1.29796	0.109448	1.83467	1.83467	0.875445	1.05606	1.05606	0.434315	0.757753	-1.31969	0.68332	1.66282	1.70221	1
cg24654525	GEFT;GEFT		0.584489	0.384698	1.1761	1.1761	0.0830566	1.03635	1.03635	0.883983	0.958993	-1.04321	0.660576	1.08377	1.08377	0.423495	0.775938	1.28965	0.827344	1.04062	1.04062	0.660676	1.08377	1.08377	0.423495	0.775938	1.28965	0.827344	1.04062	1.04062	0.660676	1.08377	1.08377	0.423495	0.775938	1.28965	1.15066	0.0008335	1.40388	0.450652	0.464856	1
cg09270822	ZNF414;ZNF414		0.584491	0.237065	0.774573	-1.29103	0.915177	0.02221	-1.02221	0.887781	0.971304	-1.02964	0.444754	0.851580	-1.17428	0.517229	1.145	1.145	0.246196	2.18413	2.18413	0.246557	0.779801	-1.28386	0.30627	0.803997	-1.24379	0.486514	0.864329	-1.15697	0.868315	0.584796	0.598653	1
cg22779330	MYEOV;MYEOV		0.584497	0.414071	1.44977	1.44977	0.312661	1.13047	1.13047	0.652572	1.0002	1.0002	0.734288	0.852468	-1.17284	0.508038	0.35062	-2.85145	0.529405	1.88907	1.88907	0.0482708	2.08222	2.08222	0.523309	1.91242	1.91242	0.255885	1.78504	1.78504	0.727273	-1.26028	0.507207	1.25568	0.868448	2.98179	3.35853	3.54114	1
cg21505392	HYLS1;HYLS1		0.584508	0.884634	1.03735	1.03735	0.636163	0.886602	-1.1279	0.999278	1.00023	1.00023	0.850699	1.04874	1.04874	0.457376	0.826008	-1.21064	0.526067	1.54	1.514	0.446854	0.822159	-1.21631	0.141286	1.49117	1.49117	0.688788	1.07013	1.07013	0.868288	0.877247	0.898061	1
cg04264435	SUFTH;SUFTH		0.584524	0.996313	1.00132	1.00132	0.698503	0.924804	-1.08145	0.512304	1.13897	1.13897	0.743853	1.21898	1.21898	0.328626	1.13866	1.13866	0.0592972	0.66702	-1.4992	0.0036951	0.507875	1.97033	1.97033	0.594319	-1.0591	0.894311	1.05579	1.05579	0.86849	0.497331	0.509019	1
cg13120955	C21orf34;MIR1E7TC;C21orf34		0.584553	0.712373	?	?	0.193894	1.85816	1.85816	0.370636	1.53345	1.53345	0.792467	1.12621	1.12621	0.200107	1.23505	1.23505	0.776447	1.13692	1.13692	0.231336	1.76104	1.76104	0.0817081	1.08372	1.08372	0.0960518	1.00537	1.00537	0.868252	4.25396	4.46214	1
cg05872808	ATP6AP1		0.584554	0.36648	0.278514	-3.59048	0.850721	0.771376	-1.29638	0.571306	0.454644	-2.19952	0.16317	7.73758	7.73758	0.344679	3.82298	3.82298	0.192787	0.149703	-6.67988	0.925713	1.13711	1.13711	0.610641	2.02888	2.02888	0.82174	1.36468	1.36468	0.868236	26.1033	26.7242	1
cg08868836	GRAMD1B		0.584545	0.891841	1.09014	1.09014	0.0621154	0.647461	1.54361	0.132752	2.94475	2.94475	0.859742	1.32498	1.32498	0.0973448	2.10292	2.10292	0.977127	1.01927	-1.01939	0.964044	0.944147	-1.18654	0.744304	0.977127	1.01927	-1.01939	0.841877	0.875472	-1.14224	0.868623	0.69607	0.824112	1
cg06240200	CCDC12		0.584573	0.339414	0.497119	-2.01159	0.217092	0.51388	-2.51388	0.48575	0.16533	-6.05332	0.383942	1.88456	1.88456	0.286803	0.456067	2.19266	0.988953	0.990221	-1.00988	0.320473	0.482555	-2.0723	0.550025	1.53615	1.53615	0.91196	0.924494	-1.08167	0.868186	6.92801	7.09322	1
cg02637078	SYT5		0.584578	0.157523	0.245934	-3.94349

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00797102	KCNJ2	0.5852	0.475009	1.67994	1.67994	0.768725	0.810133	-1.23436	0.577559	0.66913	-1.49448	0.646103	1.39119	1.39119	0.876526	0.894911	-1.11743	0.254995	2.33654	2.33654	0.319568	2.08445	2.08445	0.140935	3.09818	3.09818	0.17476	2.80307	2.80307	0.867199	7.00359	7.17875	1
cg17121100	DCAF15	0.585202	0.835922	0.882774	-1.13279	0.200957	2.25249	2.25249	0.179515	2.35643	2.35643	0.550688	1.43761	1.43761	0.254125	0.488727	-2.04613	0.877821	0.911657	-1.0969	0.673564	0.775121	-1.29012	0.986465	1.01025	1.01025	0.403533	0.598145	-1.67183	0.867197	4.96451	5.08869	1
cg19765281	AKAP8	0.585204	0.53282	0.703153	-1.42217	0.796943	0.866106	-1.15459	0.438975	1.55281	1.55281	0.562497	0.721492	-1.38602	0.137383	0.409834	-2.44001	0.602058	0.7458	-1.34084	0.0860356	0.347311	-2.87926	0.531281	0.702198	-1.4241	0.828938	0.886362	-1.12821	0.867193	4.26862	4.37542	1
cg26571009	INTS1	0.585208	0.163445	1.28798	1.28798	0.330222	0.842852	-1.18645	0.937951	0.98684	-1.01334	0.762275	0.949687	-1.05298	0.681883	0.932274	-1.07265	0.692956	1.06986	1.06986	0.57811	1.10031	1.10031	0.119582	1.33294	1.33294	0.640473	1.08333	1.08333	0.867187	0.397655	0.407607	1
cg14405813	HIPK2;HIPK2	0.585226	0.449037	1.39056	1.39056	0.221311	1.73232	1.73232	0.940457	0.968577	-1.03244	0.973218	0.985754	-1.01445	0.819765	1.10245	1.10245	0.133712	1.99626	1.99626	0.133404	1.99753	1.99753	0.220498	1.73417	1.73417	0.557953	1.28818	1.28818	0.867158	2.50861	2.57148	1
cg09678971	PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;PAX3	0.585229	0.918884	0.95169	-1.05076	0.956991	0.974126	-1.02656	0.417824	1.49548	1.49548	0.666954	0.810226	-1.23422	0.744001	0.852757	-1.17267	0.405009	1.51307	1.51307	0.128586	0.450045	-2.222	0.965632	0.979274	-1.02116	0.164759	2.05529	2.05529	0.867153	3.24495	3.32629	1
cg09119776	SUFU	0.585233	0.800357	0.827205	-1.20889	0.431203	0.548021	-1.82475	0.164997	3.03081	3.03081	0.659481	1.3937	1.3937	0.583112	1.5143	1.5143	0.260569	0.415417	-2.40722	0.488068	0.590157	-1.69446	0.910104	1.08823	1.08823	0.266208	2.38046	2.38046	0.867148	7.69706	7.89004	1
cg22084339	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.585236	0.227659	1.52796	1.52796	0.583138	1.20386	1.20386	0.107297	0.555195	-1.80117	0.642775	0.855251	-1.16925	0.41568	1.32114	1.32114	0.601936	0.838471	-1.19265	0.608373	1.18887	1.18887	0.709998	1.13319	1.13319	0.800214	1.0886	1.0886	0.867142	1.53899	1.57759	1
cg16421411	C2orf48	0.585238	0.462536	0.684177	-1.46161	0.435165	1.49792	1.49792	0.920317	1.05209	1.05209	0.959111	0.974316	-1.02636	0.169337	0.475664	-2.10232	0.740325	0.844683	-1.18388	0.118257	0.422849	-2.36491	0.268538	0.55719	-1.79472	0.895491	1.06897	1.06897	0.867139	3.53718	3.6259	1
cg02868521	PTPRN2;PTPRN2;PTPRN2	0.585242	0.13685	0.713225	-1.40208	0.200239	0.751755	-1.33022	0.260491	0.780742	-1.28083	0.583151	0.889691	-1.12399	0.246564	0.774498	-1.29116	0.900647	1.02669	1.02669	0.557102	1.13341	1.13341	0.68602	0.917861	-1.08949	0.78201	1.06024	1.06024	0.867133	0.610792	0.626117	1
cg10619144	ATP5A1;ATP5A1	0.585247	0.634463	1.06707	1.06707	0.324464	1.14788	1.14788	0.373907	0.883638	-1.13168	0.338169	1.14319	1.14319	0.29682	1.15789	1.15789	0.309417	1.15323	1.15323	0.15415	1.22969	1.22969	0.925028	0.987324	-1.01284	0.330763	1.1457	1.1457	0.867126	0.252278	0.25861	1
cg14761876	ATPGD1;ATPGD1	0.585247	0.078798	0.385349	-2.59505	0.446745	1.46063	1.46063	0.489954	0.709917	-1.40862	0.941964	1.03621	1.03621	0.352267	0.626477	-1.59623	0.917914	1.05165	1.05165	0.503459	1.39334	1.39334	0.448543	0.685703	-1.45836	0.578373	0.760126	-1.31557	0.867125	3.27771	3.35997	1
cg19060203	PPFIA1;PPFIA1	0.585248	0.507489	0.910741	-1.09801	0.0763129	0.760174	-1.31549	0.1846	0.822281	-1.21613	0.670525	1.06131	1.06131	0.598133	0.928708	-1.07677	0.733695	0.953626	-1.04863	0.969659	1.0053	1.0053	0.948006	0.990973	-1.00911	0.487052	1.10317	1.10317	0.867123	0.265537	0.272202	1
cg26097011	FGF14	0.585249	?	?	?	0.428414	0.698799	-1.43103	0.413108	0.69004	-1.44919	0.987668	0.993193	-1.00685	0.118616	0.468495	-2.1345	0.505567	0.741425	-1.34875	0.302966	0.622466	-1.60651	?	?	?	0.558498	1.29941	1.29941	0.844698	1.98913	2.35484	1
cg22861185	SHARPIN;MAF1;MAF1	0.585276	0.407772	1.27397	1.27397	0.550636	0.841418	-1.18847	0.719059	1.10882	1.10882	0.14699	1.56058	1.56058	0.751849	1.09495	1.09495	0.0756553	1.76024	1.76024	0.875729	0.956235	-1.04577	0.656048	1.13676	1.13676	0.965855	1.01232	1.01232	0.86708	1.12293	1.15118	1
cg17296447	MRGPRF;MRGPRF	0.585278	0.0643665	0.319878	-3.12619	0.651334	0.779174	-1.28341	0.799793	1.14957	1.14957	0.224552	0.496719	-2.01321	0.310123	0.562116	-1.77899	0.474885	0.671282	-1.48969	0.921595	0.947434	-1.05548	0.623613	0.762398	-1.31165	0.28191	0.54154	-1.84659	0.867077	4.13124	4.23516	1
cg25955837	SLC25A27;SLC25A27;CYP39A1	0.585286	0.264472	1.15821	1.15821	0.391226	0.894995	-1.11732	0.377958	0.892045	-1.12102	0.411849	1.11178	1.11178	0.493166	1.09186	1.09186	0.282626	1.15141	1.15141	0.563272	0.928863	-1.07659	0.402614	0.897477	-1.11424	0.702481	0.95269	-1.04966	0.867064	0.218997	0.22451	1
cg00247426	PAX7;PAX7;PAX7	0.585288	0.662069	1.17747	1.17747	0.203103	1.6472	1.6472	0.693282	1.15864	1.15864	0.775515	1.11205	1.11205	0.704834	0.868169	-1.15185	0.390647	1.38645	1.38645	0.646417	0.842331	-1.18718	0.09962	0.511503	-1.95502	0.963367	1.01721	1.01721	0.867061	1.89489	1.94259	1
cg11709110	BTBD2	0.585292	0.767708	0.826011	-1.21064	0.153198	2.68333	2.68333	0.060027	3.93176	3.93176	0.620016	1.38065	1.38065	0.945954	1.04472	1.04472	0.510553	1.53833	1.53833	0.690636	1.29455	1.29455	0.366475	1.81981	1.81981	0.658443	1.33256	1.33256	0.867054	5.71879	5.8628	1
cg18505004	CDC42BPB	0.585295	0.566454	0.824405	-1.213	0.677893	0.870076	-1.14933	0.656827	1.16067	1.16067	0.442234	0.770217	-1.29834	0.108673	0.558201	-1.79147	0.831482	1.07359	1.07359	0.274767	1.46029	1.46029	0.931337	0.971693	-1.02913	0.262677	0.677644	-1.4757	0.86705	1.52469	1.56309	1
cg20117275	RNF39;RNF39	0.585297	0.994111	0.996488	-1.00352	0.107139	0.432393	-2.31271	0.101349	0.425211	-2.35177	0.624411	0.790383	-1.26521	0.585765	1.29997	1.29997	0.791424	0.881303	-1.13468	0.595055	1.29142	1.29142	0.776884	0.873332	-1.14504	0.973296	0.984169	-1.01609	0.867047	3.1207	3.19931	1
cg09249980	CACNA1H;CACNA1H	0.585302	0.427046	1.63072	1.63072	0.455099	0.632059	-1.58213	0.435806	0.619136	-1.61515	0.540426	1.45312	1.45312	0.848424	1.1223	1.1223	0.947668	1.04038	1.04038	0.167415	0.411725	-2.4288	0.189775	2.31057	2.31057	0.637974	1.33082	1.33082	0.867039	4.99328	5.11911	1
cg00098070	ATP11A;ATP11A	0.585308	0.571104	0.870325	-1.149	0.180207	0.708003	-1.41242	0.496823	0.845867	-1.18222	0.250926	1.33786	1.33786	0.80321	1.06246	1.06246	0.832779	1.05264	1.05264	0.242826	1.34523	1.34523	0.658379	0.897657	-1.11401	0.451789	0.830268	-1.20443	0.867029	0.808428	0.82881	1
cg03884543	AKNAD1	0.585314	0.288975	0.531089	-1.88292	0.26394	0.511975	-1.95322	0.898041	0.928949	-1.07649	0.9256	1.05517	1.05517	0.256857	0.506431	-1.9746	0.661278	1.2885	1.2885	0.121012	0.380358	-2.6291	0.541436	1.42674	1.42674	0.834098	1.12815	1.12815	0.86702	4.53875	4.65323	1
cg00537477	ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC16;EXOSC1;ZDHHC16	0.585316	0.913897	1.04189	1.04189	0.37747	0.709219	-1.41	0.282083	1.52823	1.52823	0.188039	0.589041	-1.69767	0.679468	0.854157	-1.17075	0.26488	1.55406	1.55406	0.850733	0.931018	-1.07409	0.728549	0.876174	-1.14133	0.358688	1.4306	1.4306	0.867016	1.97669	2.02655	1
cg25046571	HLA-G	0.585319	0.49447	3.18673	3.18673	0.631138	0.445693	-2.2437	0.943383	0.888119	-1.12598	0.878646	0.774728	-1.29078	0.959169	0.918029	-1.08929	0.684384	0.505247	-1.97923	0.344867	5.07993	5.07993	0.0773466	0.0376193	-26.5821	0.357209	4.86378	4.86378	0.867011	38.3204	39.2874	1
cg24118920	MEIG1	0.585333	0.086552	0.820659	-1.21853	0.737812	0.965533	-1.0357	0.83571	1.02192	1.02192	0.124199	0.840466	-1.18982	0.944541	0.992763	-1.00729	0.559705	0.94028	-1.06351	0.370309	0.908421	-1.10081	0.946804	1.00699	1.00699	0.326623	0.899669	-1.11152	0.86699	0.149659	0.15344	1
cg14128708	INS-IGF2;INS-IGF2	0.585334	0.350924	1.28773	1.28773	0.0894606	1.63755	1.63755	0.364642	1.27809	1.27809	0.399188	1.25526	1.25526	0.40525	0.79908	-1.25144	0.588174	1.15489	1.15489	0.313261	1.31617	1.31617	0.942883	1.01905	1.01905	0.908489	0.970167	-1.03075	0.866988	0.952647	0.976712	1
ch.5.2558853F	CTNNA1	0.585335	0.177862	0.257265	-3.88704	0.259545	0.327827	-3.05039	0.252297	0.321773	-3.10778	0.107946	0.189538	-5.27599	0.214837	0.289931	-3.4491	0.414464	0.45339	-2.20561	0.347996	0.400029	-2.49982	0.669148	0.665242	-1.50321	0.561426	0.573054	-1.74504	0.866987	12.3459	12.6578	1
cg05966228	CTCF	0.585342	0.663056	1.27722	1.27722	0.765501	0.846243	-1.18169	0.178465	2.22085	2.22085	0.122189	2.54716	2.54716	0.904918	0.935479	-1.06897	0.50817	0.687517	-1.45451	0.413594	0.627189	-1.59442	0.557162	1.3929	1.3929	0.533173	1.4223	1.4223	0.866975	4.27745	4.38557	1
cg11137483	ZBTB47	0.585347	0.505934	1.1361	1.1361	0.296997	0.815123	-1.22681	0.395913	0.848431	-1.17865	0.965724	0.991909	-1.00816	0.435819	1.16219	1.16219	0.749216	0.941166	-1.06251	0.214424	0.78106	-1.28031	0.957466	1.01013	1.01013	0.203635	1.28875	1.28875	0.866967	0.490776	0.503185	1
cg15778610	AGPAT4	0.585353	0.674324	1.12947	1.12947	0.305279	0.736538	-1.3577	0.932384	0.975852	-1.02475	0.996391	0.998698	-1.0013	0.452788	0.80226	-1.24648	0.979791	1.00732	1.00732	0.0963744	0.591028	-1.69197	0.146282	0.638118	-1.56711	0.397368	0.779087	-1.28355	0.866959	1.13936	1.16818	1
cg09051966	CDH4	0.585353	0.67824	0.803366	-1.24476	0.184438	0.477683	-2.09344	0.589366	0.751279	-1.33106	0.594523	1.32571	1.32571	0.432648	0.656886	-1.52233	0.106195	0.396161	-2.52423	0.629182	0.774644	-1.29092	0.536536	0.720038	-1.38882	0.416509	1.54619	1.54619	0.866958	3.78167	3.87733	1
cg13613682	ZIC3;ZIC3	0.585354	0.253141	0.468661	-2.13374	0.577121	1.43003	1.43003	0.799478	1.17543	1.17543	0.562199	1.45078	1.45078	0.892534	0.917749	-1.08962	0.209297	0.431575	-2.31709	0.716499	0.793281	-1.26059	0.965015	0.972533	-1.02824	0.138547	2.75262	2.75262	0.866958	5.53639	5.67645	1
cg24995240	SPATA1;GNG5	0.585364	0.079567	0.378541	-2.64172	0.701732	0.82522	-1.2118	0.297754	0.583407	-1.71407	0.991008	1.00564	1.00564	0.262808	0.558317	-1.7911	0.819342	1.12098	1.12098	0.44799	0.679736	-1.47116	0.429696	0.668689	-1.49546	0.21016	0.517234	-1.93336	0.866941	3.42192	3.50855	1
cg23588893	FUT11	0.585369	0.55512	0.821317	-1.21756	0.906214	0.961877	-1.03963	0.805218	1.08489	1.08489	0.0932498	0.54394	-1.83844	0.758357	1.10712	1.10712	0.638025	1.16915	1.16915	0.720048	1.12602	1.12602	0.416623	0.760496	-1.31493	0.222098	1.52683	1.52683	0.866933	1.49332	1.53114	1
cg10764933	PPP2R5C;PPP2R5C;PPP2R5C;PPP2R5C	0.585395	0.661902	0.858686	-1.16457	0.954913	0.980614	-1.01977	0.37358	1.37198	1.37198	0.346595	1.39876	1.39876	0.281258	1.47365	1.47365	0.175516	0.607275	-1.6467	0.564227	1.22363	1.22363	0.351579	0.717536	-1.39366	0.761463	1.11117	1.11117	0.866893	1.64592	1.68769	1
cg19320261	ROR1;ROR1	0.585416	0.951292	0.972765	-1.028	0.0683724	2.51521	2.51521	0.620845	1.25281	1.25281	0.205233	0.546545	-1.82967	0.866148	1.07924	1.07924	0.588182	1.28033	1.28033	0.693248	0.835937	-1.19626	0.80255	1.11991	1.11991	0.967991	0.982025	-1.0183	0.86686	2.80516	2.87644	1
cg05790863	ARHGEF17	0.585421	0.675094	1.14496	1.14496	0.147642	0.607221	-1.64685	0.954269	1.01859	1.01859	0.417673	1.30468	1.30468	0.65602	0.865924	-1.15484	0.519492	1.23328	1.23328	0.177826	1.58379	1.58379	0.579627	0.835543	-1.19683	0.570538	0.831862	-1.20212	0.866852	1.4157	1.45169	1
cg15537487	GTPBP4	0.585426	0.37299	1.47773	1.47773	0.344583	0.659892	-1.5154	0.990782	0.995079	-1.00494	0.763603	1.13745	1.13745	0.218062	0.575094	-1.73884	0.945252	0.971102	-1.02976	0.635	1.22653	1.22653	0.934194	0.965354	-1.03589	0.104326	0.468534	-2.13432	0.866844	2.50297	2.56662	1
cg26626525	ZNF878	0.585429	0.710536	1.07313	1.07313	0.0938572	1.41736	1.41736	0.939139	1.01456	1.01456	0.257003	0.799335	-1.25104	0.366926	1.19182	1.19182	0.663043	0.920348	-1.08655	0.652938	0.91787	-1.08948	0.615927	1.10049	1.10049	0.511366	1.1344	1.1344	0.86684	0.492097	0.504614	1
cg23352146	TEAD1	0.585433	0.279518	0.512168	-1.95248	0.150173	0.399311	-2.50432	0.217465	0.461989	-2.16455	0.627057	0.747212	-1.33831	0.18417	0.432394	-2.31271	0.165834	0.414978	-2.40977	0.425134	0.615865	-1.62373	0.367424	0.576358	-1.73503	0.932724	0.950992	-1.05153	0.866833	4.86278	4.98651	1
cg25143070	JAK1	0.585435	0.651884	1.11404	1.11404	0.0458639	0.580281	-1.7233	0.985724	1.00426	1.00426	0.501534	0.850262	-1.17611	0.38811	0.810304	-1.23411	0.449662	0.832611	-1.20104	0.820817	1.05543	1.05543	0.878579	1.03702	1.03702	0.619703	0.887838	-1.12633	0.86683	0.776327	0.796083	1
cg14417830	OLFM1;OLFM1	0.585441	0.268995	0.778619	-1.28432	0.806186	1.05488	1.05488	0.906817	1.02578	1.02578	0.692151	0.917134	-1.09035	0.297666	0.790829	-1.2645	0.17909	0.733277	-1.36374	0.364412	0.816616	-1.22457	0.75735	0.934855	-1.06968	0.225995	1.31832	1.31832	0.866821	0.64863	0.665143	1
cg07996838	DOCK4	0.585444	0.861864	0.868119	-1.15192	0.228757	0.358544	-2.78906	0.55629	0.616791	-1.6213	0.934606	0.935533	-1.06891	0.723598	0.749504	-1.33422	0.670504	0.706433	-1.41556	0.0743621	0.198998	-5.02518	0.261084	0.386062	-2.59026	0.172713	0.307775	-3.24913	0.866816	9.0526	9.28312	1
cg25004833	S100A11	0.585454	0.2771	0.471252	-2.12201	0.36584	1.85594	1.85594	0.644357	1.36259	1.36259	0.644732	0.734157	-1.36211	0.241334	0.442052	-2.26218	0.27989	2.11206	2.11206	0.896961	0.917379	-1.09006	0.362636	1.86407	1.86407	0.512942	1.55525	1.55525	0.8668	6.08164	6.23662	1
cg26378056	CBLB	0.58546	0.862486	0.872989	-1.14549	0.116772	3.80049	3.80049	0.0782377	4.63131	4.63131	0.943309	0.945803	-1.0573	0.822202	0.838333	-1.19284	0.91275	0.917709	-1.08967	0.909617	0.914869	-1.09305	0.807564	0.825973	-1.21069	0.832902	0.847443	-1.18002	0.86679	8.42703	8.64188	1
cg25372278	CALCB	0.585467	0.0892049	0.426635	-2.34392	0.594885	1.27626	1.27626	0.763596	0.871892	-1.14693	0.84571	0.915262	-1.09258	0.359938	0.651956	-1.53385	0.634651	0.804474	-1.24305	0.278854	0.599461	-1.66817	0.344037	1.55735	1.55735	0.940846	0.966833	-1.0343	0.866779	2.83563	2.90796	1
cg11450001	GABARAPL1;GABARAPL1	0.585479	0.925589	0.988607	-1.01152	0.884276	1.01803	1.01803	0.396946	1.11227	1.11227	0.334921	0.885165	-1.12973	0.94346	1.00874	1.00874	0.191248	0.84389	-1.18499	0.475044	1.09319	1.09319	0.176693	1.19264	1.19264	0.577351	0.933275	-1.0715	0.86676	0.206557	0.21183	1
cg10004574	LOC400891	0.585485	0.878573	1.02841	1.02841	0.0773654	1.43304	1.43304	0.752522	1.05968	1.05968	0.83712	0.962981	-1.03844	0.337995	1.19841	1.19841	0.356494	0.840474	-1.1898	0.69256	1.07554	1.07554	0.52286	1.12599	1.12599	0.290899	1.22243	1.22243	0.866751	0.460966	0.472739	1
cg02196379	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.585489	0.706633	1.19513	1.19513	0.615618	1.26953	1.26953	0.213575	0.53933	-1.85415	0.66569	0.814704	-1.22744	0.0905032	0.415078	-2.40918	0.5412	1.33856	1.33856	0.790955	1.13342	1.13342	0.691649	1.20675	1.20675	0.509043	0.729213	-1.37134	0.866744	3.05077	3.12872	1
cg12084925	COL11A2;COL11A2;COL11A2	0.585493	0.293061	0.390222	-2.56264	0.708902	1.38202	1.38202	0.945386	0.942608	-1.06089	0.954325	0.951784	-1.05066	0.131155	0.245085	-4.08021	0.706145	0.721235	-1.38651	0.603899	0.636639	-1.57075	0.100908	0.212238	-4.71168	0.309563	0.403643	-2.47744	0.866738	10.2176	10.4788	1
cg24470737	WDR18	0.585495	0.254007	1.22614	1.22614	0.423526	0.869444	-1.15016	0.186816	1.2706	1.2706	0.478905	1.13111	1.13111	0.828966	0.96365	-1.03772	0.933748	1.01433	1.01433	0.842405	0.966504	-1.03466	0.448757	1.14125	1.14125	0.143576	1.30863	1.30863	0.866735	0.402106	0.412384	1
cg25865570	CUGBP2	0.585507	0.85204	0.858941	-1.16422	0.28813	2.45489	2.45489	0.0391618	6.98478	6.98478	0.764572	1.2771	1.2771	0.46363	1.83581	1.83581	0.750008	1.29736	1.29736	0.54382	1.64933	1.64933	0.421658	1.95126	1.95126	0.875925	1.1357	1.1357	0.866717	9.10352	9.3364	1
cg00450571	MRVI1;MRVI1;MRVI1	0.585507	0.986676	0.995241	-1.00478	0.758551	1.09207	1.09207	0.866325	1.0493	1.0493	0.0737982	1.76707	1.76707	0.90659	1.0341	1.0341	0.555831	1.18554	1.18554	0.103955	1.66177	1.66177	0.683966	0.889663	-1.12402	0.704299	1.11508	1.11508	0.866717	1.12024	1.1489	1
cg17948798	SCYL1;SCYL1	0.585508	0.46344	1.20796	1.20796	0.296657	1.31514	1.31514	0.985764	1.00453	1.00453	0.975879	1.00768	1.00768	0.796232	1.06771	1.06771	0.113677	0.646783	-1.54611	0.756773	1.08183	1.08183	0.219567	0.721201	-1.38658	0.780466	1.0733	1.0733	0.866715	0.879805	0.902313	1
cg03526149	TMEM159	0.585508	0.987368	1.0037	1.0037	0.39039	0.814441	-1.22784	0.725368	0.921038	-1.08573	0.350436	1.25125	1.25125	0.600998	0.884212	-1.13095	0.712304	0.917245	-1.09022	0.0802371	0.635981	-1.57237	0.511385	1.16805	1.16805	0.397737	0.817147	-1.22377	0.866714	0.746585	0.765686	1
cg15694879	TTC4	0.585509	0.0597696	0.491718	-2.03369	0.693503	1.14152	1.14152	0.938984	0.974742	-1.02591	0.391217	0.745597	-1.34121	0.988299	1.00491	1.00491	0.546624	0.815573	-1.22613	0.300072	0.69847	-1.4317	0.251568	0.670129	-1.49225	0.747536	0.897694	-1.11397	0.866714	1.53289	1.57211	1
cg15063355	CHFR;CHFR;CHFR;CHFR;CHFR	0.585512	0.231222	0.777706	-1.28583	0.229714	0.777011	-1.28698	0.706862	1.07857	1.07857	0.870512	1.0332	1.0332	0.515605	0.876364	-1.14108	0.386931	1.19428	1.19428	0.366302	0.830432	-1.20419	0.712273	0.928524	-1.07698	0.282471	1.25055	1.25055	0.866708	0.550137	0.564216	1
cg02105211	ITPR1;ITPR1;ITPR1	0.585523	0.729993	1.20303	1.20303	0.128299	2.40384	2.40384	0.804019	1.14185	1.14185	0.587346	0.746522	-1.33955	0.529042	0.711611	-1.40526	0.576259	1.35151	1.35151	0.560884	0.730733	-1.36849	0.128474	2.40271	2.40271	0.925267	0.951178	-1.05133	0.866691	3.90693	4.00699	1
cg11663393	HNRNPH2;GLA;HNRNPH2;HNRNPH2;HNRNPH2	0.585524	0.368704	0.185551	-5.38936	0.93028	1.17132	1.17132	0.79366	0.622485	-1.60646	0.159364	16.1852	16.1852	0.545518	3.03507	3.03507	0.264577	0.118499	-8.43891	0.498997	0.287411	-3.47934	?	?	?	0.823053	1.49921	1.49921	0.868204	38.0071	32.8325	1
cg04223389	SENP7;SENP7;SENP7;SENP7	0.585531	0.754166	0.949761	-1.0529	0.399299	0.867982	-1.1521	0.294326	1.19538	1.19538	0.471463	0.886752	-1.12771	0.770162	0.953067	-1.04924	0.444176	1.13655	1.13655	0.720676	0.94279	-1.06068	0.958484	1.00858	1.00858	0.0985367	1.34616	1.34616	0.86668	0.369549	0.379019	1
cg15253672	SPR	0.585532	0.557495	0.87539	-1.14235	0.762016	1.07051	1.07051	0.805222	0.946079	-1.05699	0.772072	0.936918	-1.06733	0.507984	0.860135	-1.16261	0.897182	1.02943	1.02943	0.539638	1.14948	1.14948	0.97336	1.00752	1.00752	0.0450292	1.67533	1.67533	0.866677	0.690843	0.708548	1
cg23457925	SNORD27;SLC3A2;SLC3A2;SNORD28;SNORD25;SLC3A2;SLC3A2;SNORD26;SLC3A2;SNHG1	0.585537	0.161922	0.407061	-2.45663	0.376034	0.578836	-1.72761	0.620247	1.35068	1.35068	0.822488	0.873514	-1.1448	0.872226	1.10171	1.10171	0.889479	0.919727	-1.08728	0.12674	0.370059	-2.70227	0.306423	0.528739	-1.89129	0.269694	0.500706	-1.99718	0.86667	4.9715	5.09896	1
cg04709129	RPS6KA2;RPS6KA2	0.585543	0.420422	1.59253	1.59253	0.212751	2.09984	2.09984	0.244222	1.99115	1.99115	0.658403	1.28599	1.28599	0.819444	0.878756	-1.13797	0.650598	1.29403	1.29403	0.0625775	3.26966	3.26966	0.490032	1.48642	1.48642	0.948952	1.03686	1.03686	0.866661	4.38643	4.49894	1
cg13835688	SLC25A25;SLC25A25;SLC25A25;SLC25A25	0.585577	0.532354	1.48406	1.48406	0.300262	1.9543	1.9543	0.472414	1.57808	1.57808	0.390526	1.73186	1.73186	0.198473	2.3356	2.3356	0.191172	2.37233	2.37233	0.0952041	3.14042	3.14042	0.261534	2.07684	2.07684	0.427998	1.65718	1.65718	0.866606	5.34762	5.48512	1
cg18141828	OPRD1	0.585581	0.489751	0.830651	-1.20387	0.527328	0.844202	-1.18455	0.795391	0.933585	-1.07114	0.108679	1.58837	1.58837	0.88377	1.03944	1.03944	0.641377	0.883337	-1.13207	0.331712	0.767333	-1.30321	0.435528	0.810272	-1.23415	0.396695	1.25799	1.25799	0.8666	0.959835	0.984521	1
cg09022952	SF3B2	0.585581	0.670254	1.2964	1.2964	0.936226	0.952752	-1.04959	0.790003	1.17534	1.17534	0.797159	0.855653	-1.1687	0.5761	0.709733	-1.40898	0.633471	0.747282	-1.33818	0.0678114	3.63407	3.63407	0.781401	1.18339	1.18339	0.264085	2.04353	2.04353	0.880527	4.85779	3.67794	1
cg14738493	HNRPLL;HNRPLL	0.585582	0.459846	0.702676	-1.42313	0.362314	1.55123	1.55123	0.900341	0.942945	-1.06051	0.336238	1.59191	1.59191	0.563078	1.3154	1.3154	0.38999	1.51142	1.51142	0.486052	0.717562	-1.39361	0.201387	1.88259	1.88259	0.338193	0.629428	-1.58874	0.866599	3.01771	3.09533	1
cg21606405	SYNE1;SYNE1	0.585588	0.278106	0.771171	-1.29673	0.112128	0.671288	-1.48967	0.383196	0.813814	-1.22878	0.19045	0.726556	-1.37636	0.625213	1.12011	1.12011	?	?	?	0.660423	0.903158	-1.10723	0.868651	0.962586	-1.03887	0.921823	0.977638	-1.02287	0.854018	0.638198	0.747289	1
cg23434459	BCAP29;BCAP29;BCAP29;BCAP29	0.585615	0.658116	1.06207	1.06207	0.582	1.07808	1.07808	0.910183	0.984856	-1.01538	0.812538	1.03265	1.03265	0.808496	1.03338	1.03338	0.288165	0.861466	-1.16081	0.249166	0.849693	-1.1769	0.928036	1.01229	1.01229	0.0962209	1.2802	1.2802	0.866547	0.250975	0.257445	1
cg08271519	TM9SF2	0.585627	0.644363	0.935842	-1.06856	0.630617	0.933219	-1.07156	0.187563	1.22047	1.22047	0.258859	1.18299	1.18299	0.421224	1.12436	1.12436	0.300806	1.16526	1.16526	0.732578	0.95225	-1.05014	0.917905	1.01482	1.01482	0.173936	1.22918	1.22918	0.866528	0.279273	0.28648	1
cg02204630	NMUR1	0.585629	0.892257	1.14958	1.14958	0.551086	1.8596	1.8596	0.348034	2.70145	2.70145	0.0921897	6.72977	6.72977	0.876667	1.17321	1.17321	0.347165	2.70658	2.70658	0.49013	2.05656	2.05656	0.0993782	6.41026	6.41026	0.409436	2.38152	2.38152	0.866526	14.5195	14.8942	1
cg04955210	FAM53A	0.585633	0.489891	0.88711	-1.12726	0.698063	1.06884	1.06884	0.926886	0.984447	-1.0158	0.684459	1.07227	1.07227	0.353804	0.849654	-1.17695	0.145316	0.765622	-1.30613	0.497678	0.889069	-1.12477	0.528495	0.896678	-1.11523	0.19533	1.26353	1.26353	0.866519	0.400272	0.410606	1
cg11937768	REEP3	0.585634	0.381309	0.436597	-2.29044	0.328887	2.53458	2.53458	0.125154	4.62704	4.62704	0.900054	0.890507	-1.12296	0.337898	0.401806	-2.48876	0.752758	0.747026	-1.33864	0.983802	0.981438	-1.01891	0.427552	0.473501	-2.11193	0.568824	0.587727	-1.70147	0.866517	11.6897	11.9915	1
cg10416994	FBXO21;FBXO21	0.585639	0.256802	1.26286	1.26286	0.877135	0.969954	-1.03098	0.0894851	0.691296	-1.44656	0.755853	1.06343	1.06343	0.682916	0.922207	-1.08436	0.848391	0.962964	-1.03846	0.981335	1.00462	1.00462	0.715862	1.07474	1.07474	0.284867	1.24489	1.24489	0.866508	0.533602	0.547384	1
cg24962573	XPNPEP3;ST13;ST13	0.585643	0.4068	1.30121	1.30121	0.459541	1.2632	1.2632	0.522604	0.817872	-1.22268	0.778884	1.09126	1.09126	0.29965	0.716407	-1.39585	0.550282	0.829014	-1.20625	0.126977	0.599216	-1.66885	0.432929	1.28184	1.28184	0.944126	1.02199	1.02199	0.866504	1.32113	1.35526	1
cg18994438	FMNL1	0.585646	0.544668	0.750623	-1.33223	0.243522	1.7699	1.7699	0.21929	1.83017	1.83017	0.218709	1.83171	1.83171	0.874237	0.928571	-1.07692	0.838547	0.908962	-1.10016	0.372937	0.651844	-1.53411	0.4617	0.704285	-1.41988	0.974615	1.015	1.015	0.866498	3.00401	3.08164	1
cg19854744	FOXR1	0.585646	0.119221	0.216248	-4.62433	0.376431	0.439537	-2.27512	0.817444	0.811066	-1.23294	0.414367	0.469701	-2.12902	0.147537	0.244789	-4.08514	0.375471	0.438773	-2.27908	0.147294	0.244553	-4.08909	0.367121	0.432115	-2.3142	0.583422	0.60558	-1.65131	0.866498	11.256	11.5468	1
cg04088932	SH3BP4	0.585648	0.826304	0.919057	-1.08807	0.68574	0.855357	-1.1691	0.590055	0.811484	-1.23231	0.610368	1.21819	1.21819	0.0986571	0.498833	-2.00468	0.579	0.806337	-1.24018	0.126596	0.530112	-1.88639	0.625784	1.20774	1.20774	0.4348	0.736352	-1.35805	0.866495	2.02422	2.07653	1
cg02423574	CCDC153;CCDC153	0.585652	0.127308	0.293263	-3.40991	0.483549	0.588789	-1.6984	0.743213	0.783053	-1.27705	0.472516	0.58066	-1.72218	0.173263	0.340278	-2.93877	0.412225	0.535958	-1.86582	0.0969711	0.257885	-3.8777	0.565513	0.649101	-1.54059	0.402614	0.528765	-1.8912	0.866489	7.59482	7.79116	1
cg03623394	FGFRL1;FGFRL1;FGFRL1	0.585672	0.067185	0.575635	-1.73721	0.614451	0.872195	-1.14653	0.803859	0.935202	-1.06929	0.463184	1.22267	1.22267	0.589994	0.863768	-1.15772	?	?	?	0.271285	0.734674	-1.36115	0.876932	0.959138	-1.0426	0.893437	0.964561	-1.03674	0.853884	0.871253	1.02034	1
cg01281157	GRM6	0.585675	0.221739	3.20975	3.20975	0.0840143	5.67467	5.67467	0.850973	1.18623	1.18623	0.779896	1.28967	1.28967	0.870967	0.862769	-1.15906	0.714175	0.716041	-1.39657	0.823754	0.816646	-1.22452	0.750604	1.33583	1.33583	0.175738	3.69619	3.69619	0.866452	11.3145	11.6075	1
cg13811448	MORG1;MORG1;MAN2B1	0.585679	0.814822	1.06357	1.06357	0.297182	1.32833	1.32833	0.417451	1.24319	1.24319	0.356889	1.28264	1.28264	0.370818	1.27304	1.27304	0.332365	1.30044	1.30044	0.196065	0.698279	-1.43209	0.713481	0.907665	-1.10173	0.347562	1.28927	1.28927	0.866446	0.946976	0.971505	1
cg12551908	STAG3L4	0.585681	0.758791	0.564989	-1.76995	0.120314	0.0439975	-22.7286	0.243392	9.60944	9.60944	0.404808	4.85537	4.85537	0.739752	0.539037	-1.85516	0.606743	0.381948	-2.61816	0.841724	0.690301	-1.44864	0.340797	6.17022	6.17022	0.805149	0.632435	-1.58119	0.866443	47.1552	48.3767	1
cg01323371	PEX5L	0.585681	0.17181	0.765638	-1.3061	0.627914	1.09381	1.09381	0.249767	0.80186	-1.2471	0.396419	1.17284	1.17284	0.614535	1.09771	1.09771	0.519073	0.88692	-1.1275	0.584566	1.10667	1.10667	0.326105	1.20459	1.20459	0.887962	0.974453	-1.02622	0.866443	0.46251	0.474492	1
cg22650271	SYNGR1;SYNGR1;SYNGR1	0.585687	0.893182	0.936878	-1.06737	0.0788769	2.57801	2.57801	0.24265	1.81016	1.81016	0.948291	0.969014	-1.03198	0.865741	0.921158	-1.08559	0.613125	0.780794	-1.28075	0.342689	0.622234	-1.60711	0.704389	1.20321	1.20321	0.899819	0.940707	-1.06303	0.866434	3.23206	3.31583	1
cg04049719	HLA-DPA1	0.585692	0.27104	0.198878	-5.02822	0.0790674	0.0640481	-15.6133	0.89289	0.827063	-1.2091	0.311798	0.228831	-4.37004	0.433462	0.324154	-3.08495	0.480652	0.364073	-2.74671	0.78316	0.67786	-1.47523	0.257521	0.189117	-5.28774	0.196646	0.146012	-6.84874	0.866427	27.2586	27.9653	1
cg11709896	DUSP13;DUSP13;DUSP13;DUSP13	0.585703	0.563395	0.898315	-1.1132	0.321127	1.20704	1.20704	0.594371	1.1037	1.1037	0.475541	1.14247	1.14247	0.19486	1.28623	1.28623	0.0935449	1.40294	1.40294	0.485442	1.13897	1.13897	0.728706	0.938082	-1.06601	0.511011	1.13018	1.13018	0.866409	0.462398	0.474395	1
cg17050941	LOC150622	0.585717	0.662816	0.800654	-1.24898	0.916515	1.05457	1.05457	0.281939	1.76231	1.76231	0.263162	1.80604	1.80604	0.791616	0.874428	-1.14361	0.36306	0.622695	-1.60592	0.295816	0.577325	-1.73213	0.22079	0.52085	-1.91994	0.756186	1.17096	1.17096	0.866387	3.52355	3.61507	1
cg05730150	PRDM12	0.58573	0.513902	1.12052	1.12052	0.911162	1.01937	1.01937	0.112987	1.34518	1.34518	0.407724	1.1567	1.1567	0.692369	0.933928	-1.07075	0.168945	1.28652	1.28652	0.452357	1.14066	1.14066	0.742215	0.944842	-1.05838	0.242541	1.23397	1.23397	0.866367	0.405443	0.415982	1
cg08693206	AP1B1;AP1B1;AP1B1	0.585757	0.839457	1.03316	1.03316	0.27779	1.19904	1.19904	0.23543	1.22139	1.22139	0.707536	0.941186	-1.06249	0.111507	1.32153	1.32153	0.759492	0.951813	-1.05063	0.446714	0.88273	-1.13285	0.659723	0.931218	-1.07386	0.964818	0.992931	-1.00712	0.866325	0.35491	0.364154	1
cg23827950	KRTAP4-7	0.585757	0.545949	0.761057	-1.31396	0.474837	0.722734	-1.38364	0.466453	0.718116	-1.39253	0.576922	1.28637	1.28637	0.566455	0.771886	-1.29553	0.291437	0.613168	-1.63087	0.201739	0.547543	-1.82634	0.789775	1.12681	1.12681	0.0898749	0.433734	-2.30556	0.866324	2.73912	2.81046	1
cg09436851	LRCH3	0.58577	0.741287	1.42049	1.42049	0.708212	0.671419	-1.48938	0.838759	0.805915	-1.24083	0.442732	2.29598	2.29598	0.989581	0.986269	-1.01392	0.512471	2.02365	2.02365	0.0518191	0.0915181	-10.9268	0.676933	0.641433	-1.55901	0.859776	0.829226	-1.20594	0.872118	15.1599	13.52	1
cg14025652	GPR177;GPR177	0.585773	?	?	?	0.53336	1.33661	1.33661	0.115324	2.19758	2.19758	0.69751	1.19678	1.19678	0.320464	1.60338	1.60338	0.903486	1.05737	1.05737	0.549443	0.756882	-1.32121	0.494585	0.726887	-1.37573	0.457513	0.706133	-1.41616	0.853722	2.54204	2.9776	1
cg10038259	HNRNPAB;HNRNPAB;HNRNPAB;HNRNPAB	0.585795	0.654637	1.14447	1.14447	0.769898	1.09188	1.09188	0.309481	1.37054	1.37054	0.608326	0.856493	-1.16755	0.527284	1.21162	1.21162	0.242307	0.692987	-1.44303	0.122518	0.605602	-1.65125	0.725574	1.1114	1.1114	0.749777	1.10065	1.10065	0.866265	1.23229	1.26447	1
cg11344644	TIMM8A;TIMM8A;TIMM8A;TIMM8A	0.585796	0.311075	0.361879	-2.76335	0.546584	1.8071	1.8071	0.661508	1.5331	1.5331	0.136414	4.7408	4.7408	0.660839	1.5345	1.5345	0.262399	0.32196	-3.10598	0.481516	0.499641	-2.00144	0.947488	1.06596	1.06596	0.599659	0.598293	-1.67142	0.866262	12.9048	13.2419	1
cg27326876	NEURL1B	0.5858	0.932136	1.02244	1.02244	0.752121	0.92075	-1.08607	0.190275	1.43541	1.43541	0.470143	0.82575	-1.21102	0.271681	1.34739	1.34739	0.264974	1.35355	1.35355	0.171161	1.46182	1.46182	0.641298	1.13005	1.13005	0.417197	1.24116	1.24116	0.866256	0.931576	0.955916	1
cg12148768	BAG3	0.585801	0.805043	1.08896	1.08896	0.676011	1.15585	1.15585	0.821248	0.924976	-1.08111	0.443949	0.764171	-1.30861	0.995897	1.00177	1.00177	0.436461	1.31467	1.31467	0.0802301	0.512326	-1.95188	0.308466	1.43801	1.43801	0.632952	0.847208	-1.18035	0.866255	1.62932	1.6719	1
cg03784614	BICD1;BICD1	0.58581	0.125145	0.529395	-1.88895	0.976961	0.988996	-1.01113	0.534443	1.27262	1.27262	0.936551	0.969954	-1.03098	0.264007	0.640105	-1.56224	0.461511	0.750335	-1.33274	0.472983	1.3227	1.3227	0.435939	1.35601	1.35601	0.53432	1.27271	1.27271	0.866241	2.01425	2.06691	1
cg10451724	PLEC1;PLEC1;PLEC1;MIR661;PLEC1;PLEC1;PLEC1	0.585811	0.892081	0.962566	-1.03889	0.223181	1.43296	1.43296	0.324279	1.33125	1.33125	0.538919	0.839579	-1.19107	0.520444	0.832686	-1.20093	0.650768	1.13666	1.13666	0.147093	1.54855	1.54855	0.561238	1.17953	1.17953	0.471899	0.814099	-1.22835	0.86624	1.08381	1.11215	1
cg06154060	TM9SF3	0.585812	0.453618	0.659323	-1.51671	0.438926	1.53842	1.53842	0.447381	1.52583	1.52583	0.703719	0.811812	-1.23181	0.436841	0.648689	-1.54157	0.805228	1.14432	1.14432	0.151995	0.432843	-2.31031	0.44708	0.655191	-1.52627	0.205391	0.482397	-2.07298	0.866238	4.0846	4.19141	1
cg02866628	VSTM2A	0.58582	0.799871	0.933515	-1.07122	0.0977303	0.611376	-1.63565	0.100451	0.614251	-1.628	0.908474	1.03164	1.03164	0.761874	0.920988	-1.08579	0.608126	0.869302	-1.15035	0.231609	0.711916	-1.40466	0.961804	1.01305	1.01305	0.793	0.931252	-1.07382	0.866225	1.00625	1.03257	1
cg25496162	SIL1;SIL1	0.585821	0.583945	0.861298	-1.16104	0.366988	1.2843	1.2843	0.365886	1.28508	1.28508	0.599533	1.15379	1.15379	0.925316	0.975003	-1.02564	0.743988	0.915324	-1.09251	0.128121	0.641402	-1.55908	0.606079	1.15079	1.15079	0.2726	1.36111	1.36111	0.866223	1.00006	1.02623	1
cg14345281	NHS;NHS	0.585828	0.160129	0.255915	-3.90754	0.672753	0.679894	-1.47082	0.612638	0.628961	-1.58992	0.340277	2.4413	2.4413	0.465045	1.96451	1.96451	0.154447	0.250503	-3.99197	0.622104	0.636879	-1.57016	0.932522	1.07994	1.07994	0.749644	1.33744	1.33744	0.866212	11.3149	11.6112	1
cg21351151	SRA1;SRA1	0.58583	0.38121	1.45865	1.45865	0.781363	0.889635	-1.12406	0.527136	0.763902	-1.30907	0.0844766	2.2303	2.2303	0.991778	0.995679	-1.00434	0.920288	1.04297	1.04297	0.288147	0.629073	-1.58964	0.95381	1.02465	1.02465	0.452745	1.37921	1.37921	0.86621	2.42366	2.48712	1
cg20586531	PLSCR1	0.585831	0.0364984	0.639353	-1.56408	0.762106	0.94566	-1.05746	0.885175	1.02695	1.02695	0.58563	0.903654	-1.10662	0.475837	0.87509	-1.14274	0.44234	0.865752	-1.15506	0.560794	0.897416	-1.11431	0.399366	0.853191	-1.17207	0.407052	0.855492	-1.16892	0.866207	0.464601	0.476767	1
cg03448816	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.585836	0.907257	1.01611	1.01611	0.641778	0.937773	-1.06636	0.721864	0.952167	-1.05024	0.700333	0.948349	-1.05446	0.181442	1.21475	1.21475	0.801151	0.965985	-1.03521	0.084195	1.29952	1.29952	0.717873	0.951462	-1.05101	0.474758	1.10482	1.10482	0.8662	0.257984	0.264741	1
cg08438705	SBNO2	0.585851	0.141143	2.96344	2.96344	0.479045	1.63879	1.63879	0.238112	2.3355	2.3355	0.6498	1.36857	1.36857	0.232737	0.423603	-2.3607	0.449009	1.69822	1.69822	0.6811	0.753031	-1.32797	0.668409	1.34417	1.34417	0.664692	1.34899	1.34899	0.866176	6.4638	6.63329	1
cg23214992	VBP1;VBP1	0.585856	0.150961	0.233978	-4.2739	0.818096	1.24287	1.24287	0.757931	0.746953	-1.33877	0.210139	3.47768	3.47768	0.819588	1.2406	1.2406	0.161313	0.243712	-4.10321	0.947984	0.940285	-1.06351	0.726666	1.39265	1.39265	0.985412	1.0174	1.0174	0.866169	12.2184	12.5389	1
cg09427016	ACSF3;ACSF3;ACSF3	0.585863	0.101983	0.313191	-3.19294	0.580659	0.696355	-1.43605	0.793075	0.843234	-1.18591	0.596115	1.41471	1.41471	0.362091	0.544662	-1.836	0.133406	0.34993	-2.85771	0.418235	0.584789	-1.71002	0.882769	1.10043	1.10043	0.465199	0.617505	-1.61942	0.866158	5.77077	5.92221	1
cg00566408	BICD2;BICD2	0.585874	0.479551	0.762687	-1.31115	0.287586	1.51614	1.51614	0.420704	1.3635	1.3635	0.508937	0.776822	-1.2873	0.885551	0.947163	-1.05578	0.166035	0.57309	-1.74493	0.59229	1.22599	1.22599	0.406274	0.725986	-1.37744	0.38197	0.713226	-1.40208	0.866139	1.94878	1.99997	1
cg11573518	CLIP2;CLIP2	0.585882	0.422668	0.638907	-1.56517	0.746366	0.837345	-1.19425	0.636571	0.770781	-1.29739	0.576186	0.73425	-1.36193	0.442657	0.651689	-1.53447	0.352826	0.592756	-1.68703	0.0616385	0.316166	-3.1629	0.122665	0.400525	-2.49672	0.681377	0.797855	-1.25336	0.866127	4.10456	4.21243	1
cg07273304	ANXA13;ANXA13	0.585884	0.798475	0.92012	-1.08682	0.783646	1.09369	1.09369	0.153837	0.608462	-1.64349	0.406087	0.758382	-1.3186	0.0657059	0.51067	-1.95821	0.881801	1.0496	1.0496	0.581099	0.834148	-1.19883	0.98887	0.995471	-1.00455	0.479116	0.79127	-1.26379	0.866124	1.45241	1.49058	1
cg19022827	ZNF878	0.585889	0.267317	0.84566	-1.18251	0.308966	1.16503	1.16503	0.248484	1.19125	1.19125	0.681227	1.06175	1.06175	0.5033	1.10355	1.10355	0.664801	1.06528	1.06528	0.242268	0.837331	-1.19427	0.716942	0.948553	-1.05424	0.616512	0.929371	-1.076	0.866117	0.28867	0.29626	1
cg05222840	EPS8;EPS8	0.585907	0.648598	1.30016	1.30016	0.152939	2.40051	2.40051	0.145938	2.44261	2.44261	0.852053	1.11272	1.11272	0.712968	0.809462	-1.23539	0.611476	0.745969	-1.34054	0.320372	0.555763	-1.79933	0.746337	1.20404	1.20404	0.678135	0.787603	-1.26967	0.866089	4.48954	4.60773	1
cg04109220	SPAG8;SPAG8	0.585922	0.629732	0.807476	-1.23843	0.653274	1.22025	1.22025	0.0385607	2.87176	2.87176	0.659806	1.21531	1.21531	0.972286	1.01541	1.01541	0.713985	0.850404	-1.17591	0.817596	0.903302	-1.10705	0.65718	0.821498	-1.21729	0.833044	1.09738	1.09738	0.866065	2.65802	2.72807	1
cg18163092	BDH1;BDH1;BDH1	0.585927	0.971127	1.04367	1.04367	0.10891	7.88291	7.88291	0.363799	3.01059	3.01059	0.867023	0.820448	-1.21885	0.13623	0.150177	-6.6588	0.990898	0.986619	-1.01356	0.785548	1.38001	1.38001	0.966349	1.05108	1.05108	0.841347	0.789242	-1.26704	0.866056	19.129	19.6333	1
cg17508477	ATP11A;ATP11A	0.585932	0.488767	1.41621	1.41621	0.176266	2.03685	2.03685	0.281992	1.73883	1.73883	0.954968	0.972445	-1.02834	0.88451	1.07457	1.07457	0.193159	1.97663	1.97663	0.272652	1.75936	1.75936	0.588643	0.763251	-1.31018	0.506097	0.716177	-1.3963	0.866049	3.35824	3.4468	1
cg23966569	LIMS2;LIMS2;LIMS2	0.585942	0.554032	0.73414	-1.36214	0.721365	0.831359	-1.20285	0.391998	0.635278	-1.57411	0.414485	0.649603	-1.5394	0.714388	1.20874	1.20874	0.409927	1.54626	1.54626	0.724416	1.20029	1.20029	0.32021	1.70246	1.70246	0.136693	2.30702	2.30702	0.871837	3.59105	3.20362	1
cg14026971	FAR1	0.585947	0.711221	0.806148	-1.24047	0.387471	1.67081	1.67081	0.135126	2.54305	2.54305	0.418049	0.619069	-1.61533	0.664727	1.28748	1.28748	0.566966	1.39843	1.39843	0.243514	2.02818	2.02818	0.461527	1.54401	1.54401	0.242664	2.03101	2.03101	0.866026	4.60579	4.72738	1
cg23063905	RAPGEF3;RAPGEF3;RAPGEF3	0.585954	0.169964	0.712649	-1.40321	0.442504	0.834033	-1.19899	0.0762897	0.63313	-1.57945	0.816205	0.94747	-1.05544	0.258501	0.760907	-1.31422	0.338635	0.79565	-1.25683	0.741663	0.926196	-1.07968	0.824142	0.949725	-1.05294	0.301607	0.780328	-1.28151	0.866014	0.736728	0.756188	1
cg17602362	LRCH1;LRCH1;LRCH1	0.585957	0.670753	1.41625	1.41625	0.071545	5.14308	5.14308	0.195422	3.04775	3.04775	0.923113	0.924442	-1.08173	0.522135	1.69547	1.69547	0.300672	2.39362	2.39362	0.891316	0.894704	-1.11769	0.983819	0.983631	-1.01664	0.667292	0.703313	-1.42184	0.86601	9.08434	9.32434	1
cg01042749	FAM178A;FAM178A;FAM178A;FAM178A;FAM178A	0.585963	0.185776	1.48823	1.48823	0.946835	0.981279	-1.01908	0.326765	1.3323	1.3323	0.795967	0.9292	-1.07619	0.328337	1.33098	1.33098	0.654279	1.13626	1.13626	0.992422	1.0027	1.0027	0.445934	1.2463	1.2463	0.168203	0.659573	-1.51613	0.866	1.10147	1.13058	1
cg25466784	ATXN1;ATXN1	0.585964	0.306485	0.502954	-1.98825	0.4683	1.61447	1.61447	0.731107	0.799372	-1.25098	0.997382	0.997872	-1.00213	0.153444	0.370763	-2.69714	0.36095	1.83974	1.83974	0.357417	0.540979	-1.8485	0.868048	0.897685	-1.11398	0.263556	0.46928	-2.13092	0.866	5.7793	5.93206	1
cg16344238	SH3D20;SH3D20	0.585969	0.235631	0.459676	-2.17544	0.308884	0.517592	-1.93202	0.249435	0.471073	-2.12281	0.580745	0.705504	-1.41743	?	?	?	0.577891	1.42124	1.42124	0.122278	0.350896	-2.84985	0.638911	0.74413	-1.34385	0.776367	0.836865	-1.19494	0.853408	4.69823	5.50526	1
cg01534391	HHIPL1;HHIPL1	0.585976	0.629609	0.776202	-1.28832	0.0460621	0.303686	-3.29288	0.82639	0.891796	-1.12133	0.575985	1.34254	1.34254	0.924809	0.951979	-1.05044	0.8115	0.882888	-1.13265	0.68819	1.23407	1.23407	0.790899	1.14859	1.14859	0.334741	0.595338	-1.67972	0.86598	3.7276	3.82621	1
cg06219670	MAML2	0.58598	0.850565	0.904027	-1.10616	0.421387	1.55177	1.55177	0.41745	1.55783	1.55783	0.500716	1.44143	1.44143	0.632385	1.29412	1.29412	0.168199	2.19377	2.19377	0.460469	0.668984	-1.4948	0.30832	1.75785	1.75785	0.280789	0.548962	-1.82162	0.865973	3.9251	4.02897	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg20796357	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4;A RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB 1	0.585988	0.598252	0.891059	-1.12226	0.110143	0.685426	-1.45895	0.825454	1.04908	1.04908	0.16152	1.17658	1.75772	1.06943	1.06943	0.372226	0.819772	-1.21985	0.402355	1.20432	1.20432	0.903433	0.974014	-1.02668	1.036586	1.239777	1.23977	0.865961	0.645374	0.662461	1
cg12349874		0.585992	0.476155	1.72116	1.72116	0.99526	0.995558	-1.00446	0.651237	0.711018	-1.40643	0.279079	2.32432	2.32432	0.720691	1.30875	1.30875		0.863056	1.13813	1.13813	0.560819	1.55391	1.55391	0.0623427	4.81811	4.81811	0.228162	2.58054	2.58054	0.865956	7.70366	7.90768	1
cg18221226	NCOR2;NCOR2	0.585995	0.702057	0.825228	-1.21179	0.135213	0.447189	-2.23619	0.763163	1.16062	1.16062	0.831621	1.1119	1.1119	0.402802	0.651874	-1.53404		0.260821	0.556484	-1.797	0.155719	0.468079	-2.13639	0.224162	0.528254	-1.89303	0.789282	0.874708	-1.14324	0.865395	3.42559	3.51633	1
cg05826237	POU6F	0.585997	0.08171	1.33144	1.33144	0.985078	0.997375	-1.00263	0.331353	0.15126	1.15126	0.545759	0.917662	-1.08973	0.50868	1.09881	1.09881		0.918675	1.01446	1.01446	0.740332	1.04785	1.04785	0.718556	0.95041	-1.05238	0.196132	1.2118	1.2118	0.865947	0.270882	0.278059	1
cg05923785	LIFR;LIFR	0.585999	0.372888	1.58872	1.58872	0.485056	0.698835	-1.43195	0.99909	0.999423	-1.00058	0.337653	1.66751	1.66751	0.320703	0.594986	-1.68071		0.287022	0.571521	-1.74972	0.337053	0.606002	-1.65016	0.823174	1.11992	1.11992	0.343753	1.63813	1.63813	0.865943	3.51214	3.6052	1
cg24247231	MAP2K5;MAP2K5	0.586011	0.098318	0.823924	-1.68715	0.618935	0.732133	1.36552	0.535446	0.669677	-1.43478	0.169123	0.402622	2.48368	0.286589	0.502835	-1.98857		0.310251	0.520809	-1.92006	0.334187	0.460762	-2.1703	0.932864	1.05974	1.05974	0.409127	0.591761	-1.68987	0.865935	5.29448	5.43489	1
cg14386311	MAEA;MAEA	0.586016	0.971293	1.02383	1.02383	0.857679	1.12467	1.12467	0.510319	1.5482	1.5482	0.18861	1.38025	1.38025	0.06270	0.25403	-3.93654		0.781606	0.833684	-1.1995	0.628048	1.37365	1.37365	0.848586	1.13327	1.13327	0.575426	1.44828	1.44828	0.865916	5.87541	6.03128	1
cg03740216	ICAM4;CAM4;ICAM4	0.586017	0.275821	0.493389	-2.0268	0.0852535	0.305529	-3.27301	0.671926	0.766849	-1.30404	0.596526	0.716804	-1.39508	0.292582	0.506385	-1.97478		0.727529	0.804143	-1.24356	0.108552	0.335932	-2.97679	0.482412	0.640884	-1.56034	0.677629	0.770654	-1.2976	0.865916	5.32596	5.46726	1
cg11362758	RPS6KA2;RPS6KA2	0.586022	0.948042	1.04855	1.04855	0.980077	1.06207	1.06207	0.514104	1.23239	-1.35323	0.218108	1.23239	-1.35323	0.218108	0.806205	-1.24015	-1.01924	0.345082	1.2625	-1.41349	0.12201	1.2625	1.2625	0.0134	1.01426	0.699227	1.09752	0.865908	0.787898	0.808809	1
cg15819128	LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFI P1	0.586023	0.900245	1.08955	1.08955	0.891175	1.09814	1.09814	0.608563	0.702396	-1.4237	0.473123	0.607127	-1.6471	0.164734	0.362888	-2.75567		0.838483	1.14979	1.14979	0.203324	0.399181	-2.50513	0.301626	2.07003	2.07003	0.26948	0.455458	-2.19559	0.865889	0.41414	0.58451	1
cg26677448	PAX2;PAX2;PAX2;PAX2;PAX2	0.586033	0.264197	1.36939	1.36939	0.868555	1.04576	1.04576	0.570402	1.16755	1.16755	0.485106	1.21121	1.21121	0.726362	1.09956	1.09956		0.665362	1.12473	1.12473	0.309395	0.752654	-1.32863	0.112517	1.59469	1.59469	0.236246	1.39828	1.39828	0.86589	1.00062	1.02719	1
cg06682197	SLITRK5;SLITRK5	0.586034	0.680394	1.08414	1.08414	0.140141	0.733772	-1.36282	0.584004	1.11585	1.11585	0.742026	1.06654	1.06654	0.722164	0.932738	-1.07211		0.474936	1.15224	1.15224	0.340935	0.825518	-1.21201	0.181581	0.758375	-1.31861	0.775746	1.05728	1.05728	0.865888	0.521632	0.535487	1
cg02169998	GOLGB1	0.586044	0.781649	1.02601	1.02601	0.406007	0.937333	-1.06686	0.709206	0.859358	-1.16375	0.129966	1.09298	1.09298	0.703877	0.9301	-1.07511		0.573092	0.948734	-1.05404	0.309463	0.907399	-1.10205	0.806032	1.02256	1.02256	0.50605	0.939669	-1.06442	0.868889	0.117549	0.120261	1
cg05913257	USP46	0.58604	0.861838	1.08301	1.08301	0.959712	1.02339	1.02339	0.216173	1.81454	1.81454	0.540442	1.32804	1.32804	0.285747	0.601971	-1.66121		0.185688	0.526017	-1.90108	0.751005	0.864387	-1.15689	0.343179	0.638381	-1.56646	0.471701	0.715234	-1.39814	0.865879	2.87399	2.95036	1
cg07891390	CTNNA1	0.586043	0.495288	1.13201	1.13201	0.885861	0.996812	-1.00318	0.583598	1.08703	1.08703	0.674815	1.027795	1.027795	0.751328	0.95813	-1.04403		0.659774	1.08256	1.08256	0.904338	0.9787	-1.02176	0.691703	1.08988	1.08988	0.176599	1.17609	1.17609	0.865874	0.439758	0.451426	1
cg08246036	NEDD1;NEDD1;NEDD1;NEDD1;NEDD1	0.586048	0.196171	0.673894	-1.48434	0.819054	0.935969	-1.06841	0.772195	1.08744	1.08744	0.111705	0.620051	-1.61385	0.59022	1.02561	1.02561		0.213408	1.45989	1.45989	0.0819021	0.996208	-1.00381	0.992804	0.997432	-1.00258	0.789066	1.08051	1.08051	0.865867	1.14355	1.17395	1
cg11804334	CCDC34;CCDC34	0.586058	0.30525	1.42556	1.42556	0.480791	0.791118	-1.26403	0.904426	0.960676	-1.04093	0.858696	1.06132	1.06132	0.282312	1.45228	1.45228		0.176972	0.61922	-1.61493	0.474228	1.27515	1.27515	0.489382	1.26432	1.26432	0.346536	1.3823	1.3823	0.865852	1.52959	1.57029	1
cg07765813	MFSD1;MFSD1	0.586058	0.383162	1.39851	1.39851	0.753953	1.04241	1.04241	0.425116	1.26736	1.26736	0.240039	0.574007	-1.74214	0.101121	0.709548	-1.40964	0.674516	0.180648	3.02403	3.02403	0.64761	0.700948	-1.42664	0.674516	1.3823	1.38243	1.1603	0.871648	0.83934	1.17357	1
cg02640173	GLI2	0.586061	0.11824	0.561263	-1.7817	0.319701	0.14918	0.41928	0.666186	1.15927	1.15927	0.812774	1.08415	1.08415	0.770584	0.905226	-1.1047		0.71865	0.884092	-1.1311	0.186568	0.620774	-1.61089	0.880212	0.949945	-1.05269	0.556623	1.22441	1.22441	0.865846	1.59009	1.63241	1
cg11074615	PRKG1;PRKG1	0.586067	0.307723	1.819433	1.12936	0.818368	1.05639	1.05639	0.903284	0.644546	1.55148	0.731328	1.08566	1.08566	0.201778	0.725109	-1.3791		0.768868	0.92666	1.09266	0.188021	0.712177	-1.40415	0.742982	1.08335	1.08335	0.871122	1.0403	1.0403	0.865835	0.811836	0.833452	1
cg01650677	RIN3	0.586068	0.398276	0.810235	-1.23421	0.14712	0.684853	-1.46017	0.398876	0.810462	-1.23386	0.438999	0.825263	-1.21174	0.202556	0.720837	-1.38728		0.671587	1.16445	1.16445	0.208238	0.622141	-1.60735	0.42526	0.747327	-1.3381	0.687472	0.865318	1.15852	1.75454	1.8013	1
cg08535742	HK1;HK1;HK1;HK1;HK1	0.586083	0.083348	0.503759	-1.98508	0.939451	0.973192	-1.02755	0.456778	1.31139	1.31139	0.517824	0.790944	-1.26431	0.598959	0.827104	-1.20904		0.952913	0.952107	-1.0503	0.545512	1.66274	1.66274	0.734166	1.32682	1.32682	0.828648	0.835149	1.19739	0.86567	3.47027	3.72428	1
cg07733496	DCHS2	0.586174	0.860972	0.928115	-1.07745	0.999323	1.00036	1.00036	0.599468	0.798109	-1.25296	0.912552	1.04786	1.04786	0.263462	0.608911	-1.64228		0.126666	0.495057	-2.01997	0.130809	0.49942	-2.00232	0.375864	0.679265	-1.47218	0.231846	0.586473	-1.70511	0.865669	2.48285	2.54944	1
cg01557407	PIK3CA	0.586183	0.520809	1.08182	1.08182	0.643598	0.91559	1.13059	0.606865	0.831171	1.20356	0.858825	1.02494	1.02494	0.168913	0.99561	-1.00441		0.613756	1.03232	1.03232	0.881155	0.858824	-1.31586	0.144345	0.29599	-3.37888	0.0596403	0.133407	0.86584	0.423791	0.443515	0.45195	1
cg01439572	MTOR;ANGPTL7	0.586173	0.769112	1.27716	1.27716	0.0697526	0.39542	1.39542	0.0994794	0.48474	1.48474	0.0744204	0.14784	1.47784	0.0196190	0.124684	-2.34089		0.952913	0.952107	-1.0503	0.545512	1.66274	1.66274	0.734166	1.32682	1.32682	0.828648	0.835149	1.19739	0.86567	3.47027	3.72428	1
cg09733496	DCHS2	0.586174	0.860972	0.928115	-1.07745	0.999323	1.00036	1.00036	0.599468	0.798109	-1.25296	0.912552	1.04786	1.04786	0.263462	0.608911	-1.64228		0.126666	0.495057	-2.01997	0.130809	0.49942	-2.00232	0.375864	0.679265	-1.47218	0.231846	0.586473	-1.70511	0.865669	2.48285	2.54944	1
cg01557407	PIK3CA	0.586183	0.520809	1.08182	1.08182	0.643598	0.91559	1.13059	0.606865	0.831171	1.20356	0.858825	1.02494	1.02494	0.168913	0.99561	-1.00441		0.613756	1.03232	1.03232	0.881155	0.858824	-1.31586	0.144345	0.29599	-3.37888	0.0596403	0.133407	0.86584	0.423791	0.443515	0.45195	1
cg02434541	NAT8	0.586196	0.999268	1.00024	1.00024	0.452589	1.22227	1.22227	0.230358	1.29083	1.29083	0.731200	1.09407	1.09407	0.0723167	1.69225	1.69225		0.138571	1.51927	1.51927	0.931647	1.02276	1.02276	0.659436	1.12336	1.12336	0.61267	1.1439	1.14329	0.865634	0.943237	0.968576	1
cg02745713	TNNDC2;BTF3L4;BTF3L4;BTF3L4	0.586201	0.489168	1.08206	1.08206	0.894939	0.96966	1.03776	0.861462	0.823399	0.887503	1.12676	0.97371	1.03774	0.777508	1.82305	1.82305		0.312705	1.74575	1.74575	0.153563	1.39764	1.39764	0.0661899	3.0031	3.0031	0.973817	1.01767	1.01767	0.865802	3.90459	4.02087	1
cg03826759	TEKT3	0.58611	0.729807	0.918535	-1.08869	0.448141	1.2086	1.2086	0.285566	1.31237	1.31237	0.778738	0.933294	-1.07147	0.474354	0.836676	-1.19521		0.290142	0.764088	-1.30875	0.133017	1.48771	1.48771	0.718091	0.91498	-1.09292	0.78217	0.934325	-1.07029	0.865769	0.823646	0.845641	1
cg15657402	RPE;RPE	0.586216	0.520809	1.08182	1.08182	0.643598	0.91559	1.13059	0.606865	0.831171	1.20356	0.858825	1.02494	1.02494	0.168913	0.99561	-1.00441		0.613756	1.03232	1.03232	0.881155	0.858824	-1.31586	0.144345	0.29599	-3.37888	0.0596403	0.133407	0.86584	0.423791	0.443515	0.45195	1
cg05149839	CENPN;CENPN;CENPN;C16orf61	0.586119	0.375444	0.774198	-1.29166	0.984958	0.99471	-1.00532	0.917741	1.02949	1.02949	0.614208	0.866751	-1.15373	0.469223	0.813159	1.22977		0.414954	0.791011	-1.26421	0.0829051	0.582611	-1.71641	0.422887	1.25899	1.25899	0.485572	1.22063	1.22063	0.865756	1.08537	1.11437	1
cg04904834	TOR1AIP1	0.586119	0.69169	0.921958	-1.08465	0.715785	1.07739	1.07739	0.24353	0.779771	-1.28243	0.53087	1.13816	1.13816	0.316744	1.2349	1.2349		0.171124	1.3459	1.3459	0.942371	1.01485	1.01485	0.543252	1.13367	1.13367	0.222225	1.29889	1.29889	0.865755	0.569815	0.585014	1
cg00726624	SCGB1C1;LOC553486	0.586121	0.340955	1.44332	1.44332	0.9519	0.914751	1.21451	0.226	0.774087	1.29129	0.764531	1.16756	1.16756	0.145981	0.837551	1.20261		0.759027	1.14774	1.14774	0.482665	1.36913	1.36913	0.361299	0.655872	-1.52237	0.141659	0.690666	-1.44788	0.865752	2.75008	2.82357	1
cg24663311	INPP1;INPP1	0.586129	0.158985	0.26568	-3.76392	0.435727	0.470809	-2.124	0.463437	0.493134	-2.02785	0.54534	0.560005	-1.7857	0.228	0.3015	3.31583		0.196519	0.274734	-3.64599	0.186918	0.265745	-3.763	0.145558	0.227552	-4.3946	0.382494	0.428091	-2.33595	0.86574	12.3046	12.6336	1
cg12679965	IMP3	0.586252	0.197021	0.732454	1.36524	0.2337	0.140018	0.37502	0.0950328	0.0939284	0.644546	1.55148	0.731328	1.08566	0.201778	0.725109	-1.3791		0.768868	0.92666	1.09266	0.188021	0.712177	-1.40415	0.742982	1.08335	1.08335	0.871122	1.0403	1.0403	0.865835	0.811836	0.833452	1
cg12873903	STAT3;STAT3;STAT3	0.586133	0.329678	0.390144	-2.56315	0.979203	0.975905	-1.02469	0.968849	1.03722	1.03722	0.920277	1.0982	1.0982	0.152075	0.237966	-4.20228		0.302462	0.368064	-2.71692	0.080801	0.163373	-6.12094	0.458018	0.493076	-2.02809	0.714297	0.708906	-1.41062	0.865734	12.0041	12.3251	1
cg05104081	KIAA0802	0.586134	0.958039	1.03248	1.03248	0.0733858	0.36249	1.36249	0.191416	2.31672	2.31672	0.566546	0.703441	-1.42179	0.795255	0.853882	-1.17112		0.950216	0.962783	-1.03866	0.445929	1.20613	1.20613	0.722423	0.805207	-1.24192	0.863732	0.505909	5.19442	1	
cg02079794	IRK;IRK	0.586137	0.252624	1.44984	-1.12936	0.818368	1.05639	1.05639	0.903284	0.644546	1.55148	0.731328	1.08566	1.08566	0.201778	0.725109	-1.3791		0.768868	0.92666	1.09266	0.188021	0.712177	-1.40415	0.742982	1.08335	1.08335	0.871122	1.0403	1.0403	0.865835	0.811836	0.833452	1
cg23661026	C3orf59	0.586141	0.564804	1.16269	1.16269	0.294688	1.32508	1.32508	0.815273	0.941189	-1.06249	0.5764	1.1574	1.1574	0.455325	0.821242	-1.21767		0.271459	1.34514	1.34514	0.7792262	1.65643	1.65643	0.87628	0.960453	-1.04118	0.887692	1.03727	1.03727	0.865721	0.919684	0.944296	1
cg09132215	AMMECR1L	0.586164	0.520809	1.08182	1.08182	0.643598	0.91559	1.13059	0.606865	0.831171	1.20356	0.858825	1.02494	1.02494	0.168913	0.99561	-1.00441		0.613756	1.03232	1.03232	0.881155	0.858824	-1.31586	0.144345	0.29599	-3.37888	0.0596403	0.133407	0.86584	0.423791	0.443515	0.45195	1
cg01439572	MTOR;ANGPTL7	0.586173	0.769112	1.27716	1.27716	0.0697526	0.39542	1.39542	0.0994794	0.48474	1.48474	0.0744204	0.14784	1.47784	0.0196190	0.124684	-2.34089		0.952913	0.952107	-1.0503	0.545512	1.66274	1.66274	0.734166	1.32682	1.32682	0.828648	0.835149	1.19739	0.86567	3.47027	3.72428	1
cg09733496	DCHS2	0.586174	0.860972	0.928115	-1.07745	0.999323	1.00036	1.00036	0.599468	0.798109	-1.25296	0.912552	1.04786	1.04786	0.263462	0.608911	-1.64228		0.126666	0.495057	-2.01997	0.130809	0.49942	-2.00232	0.375864	0.679265	-1.47218	0.231846	0.586473	-1.70511	0.865669	2.48285	2.54944	1
cg21557407	PIK3CA	0.586183	0.520809	1.08182	1.08182	0.643598	0.91559	1.13059	0.606865	0.831171	1.20356	0.858825	1.02494	1.02494	0.168913	0.99561	-1.00441		0.613756	1.03232	1.03232	0.881155	0.858824	-1.31586	0.144345	0.29599	-3.37888	0.0596403	0.133407	0.86584	0.423791	0.443515	0.45195	1
cg02434541	NAT8	0.586196	0.999268	1.00024	1.00024	0.452589	1.22227	1.22227	0.230358	1.29083	1.29083	0.731200	1.09407	1.09407	0.0723167	1.69225	1.69225		0.138571	1.51927	1.51927	0.931647	1.02276	1.02276	0.659436	1.12336	1.12336	0.61267	1.1439	1.14329	0.865634	0.943237	0.968576	1
cg02745713	TNNDC2;BTF3L4;BTF3L4;BTF3L4	0.586201	0.489168	1.08206	1.08206	0.894939	0.96966	1.03776	0.861462	0.823399	0.887503	1.12676	0.97371	1.03774	0.777508	1.82305	1.82305		0.312705	1.74575	1.74575	0.153563	1.39764	1.39764	0.0661899	3.0031	3.0031	0.973817	1.01767	1.01767	0.865802	3.90459	4.02087	1
cg03826759	TEKT3	0.58611	0.729807	0.918535	-1.08869	0.448141	1.2086	1.2086	0.285566	1.31237	1.31237	0.778738	0.933294	-1.07147	0.474354	0.836676	-1.19521		0.290142	0.764088	-1.30875	0.133017	1.48771	1.48771	0.718091	0.91498	-1.09292	0.78217	0.934325	-1.07029	0.865769	0.823646	0.845641	1
cg08316145	RPE;RPE	0.586216	0.520809	1.08182	1.08182	0.643598	0.91559	1.13059	0.606865	0.831171	1.20356	0.858825	1.02494	1.02494	0.168913	0.99561	-1.00441		0.613756	1.03232	1.03232	0.881155	0.858824	-1.31586	0.144345	0.29599	-3.37888	0.0596403	0.133407	0.86584	0.423791	0.443515	0.45195	1
cg05149839	CENPN;CENPN;CENPN;C16orf61	0.586119	0.375444	0.774198	-1.29166	0.984958	0.99471	-1.00532	0.917741	1.02949	1.02949	0.614208	0.866751	-1.15373	0.469223	0.813159	1.22977		0.414954	0.791011	-1.26421	0.0829051	0.582611	-1.71641	0.422887	1.25899	1.25899	0.485572	1.22063	1.22063	0.865756	1.08537	1.11437	1
cg04904834	TOR1AIP1	0.586119	0.69169	0.921958	-1.08465	0.715785	1.07739	1.07739	0.24353	0.779771	-1.28243	0.53087	1.13816	1.13816	0.316744	1.2349	1.2349		0.171124	1.3459	1.3459	0.942371	1.01485	1.01485	0.543252	1.13367	1.13367	0.222225	1.29889	1.29889	0.865755	0.569815	0.585014	1
cg00726624	SCGB1C1;LOC553486	0.586121	0.340955	1.44332	1.44332	0.9519	0.914751	1.21451	0.226	0.774087	1.29129	0.764531	1.16756	1.16756	0.145981	0.837551	1.20261		0.759027	1.14774	1.14774	0.482665	1.36913	1.36913	0.361299	0.655872	-1.52237	0.141659	0.690666	-1.44788	0.865752	2.75008	2.82357	1
cg24663311	INPP1;INPP1	0.586129	0.158985	0.26568	-3.76392	0.435727	0.470809	-2.124	0.463437	0.493134	-2.02785	0.54534	0.560005	-1.7857	0.228	0.3015	3.31583		0.196519	0.274734	-3.64599	0.186918	0.265745	-3.763	0.145558	0.227552	-4.3946	0.382494	0.428091	-2.33595	0.86574	12.3046	12.6336	1
cg12679965	IMP3	0.586252	0.197021	0.732454	1.36524	0.2337	0.140018	0.37502	0.0950328	0.0939284	0.644546	1.55148	0.731328	1.08566	0.201778	0.725109	-1.3791		0.768868	0.92666	1.09266	0.188021	0.712177	-1.40415	0.742982	1.08335	1.08335	0.871122	1.0403	1.0403	0.865835	0.811836	0.833452	1
cg12873903	STAT3;STAT3;STAT3	0.586133	0.329678	0.390144	-2.56315	0.979203	0.975905	-1.02469	0.968849	1.03722	1.03722	0.920277	1.0982	1.0982	0.152075	0.237966	-4.20228		0.302462	0.368064	-2.71692	0.080801	0.163373	-6.12094	0.458018	0.493076	-2.02809	0.714297	0.708906	-1.41062	0.865734	12.0041	12.3251	1
cg05104081	KIAA0802	0.586134	0.958039	1.03248	1.03248	0.0733858	0.36249	1.36249	0.191416	2.31672	2.31672	0.566546	0.703441	-1.42179	0.795255	0.853882	-1.17112		0.950216	0.962783	-1.03866	0.445929	1.20613	1.20613	0.722423	0.805207	-1.24192	0.863732	0.505909	5.19442	1	
cg02079794	IRK;IRK	0.586137	0.252624	1.44984	-1.12936	0.818368	1.05639	1.05639	0.903284	0.644546	1.55148	0.731328	1.08566	1.08566	0.201778	0.725109	-1.3791		0.768868	0.92666	1.09266	0.188021	0.712177	-1.40415	0.742982	1.08335	1.08335	0.871122	1.0403	1.0403	0.865835	0.811836	0.833452	1
cg23661026	C3orf59	0.586141	0.564804	1.16269	1.16269	0.294688	1.32508	1.32508	0.815273	0.941189	-1.06249	0.5764	1.1574	1.1574	0.455325	0.821242	-1.21767		0.271459	1.34514	1.34514	0.7792262	1.65643	1.65643	0.87628	0.960453	-1.04118	0.887692	1.03727	1.03727	0.865721	0.919684	0.944296	1
cg09132215	AMMECR1L	0.586164	0.520809	1.08182	1.08182	0.643598	0.91559	1.13059	0.606865	0.831171	1.20356	0.858825	1.02494	1.02494	0.168913	0.99561	-1.00441		0.613756	1.03232	1.03232	0.881155	0.858824	-1.31586	0.144345	0.29599	-3.37888	0.0596403	0.133407	0.86584	0.423791	0.443515	0.45195	1
cg03439572	MTOR;ANGPTL7	0.586173	0.769112	1.27716	1.27716	0.0697526	0.39542	1.39542	0.0994794	0.48474	1.48474	0.0744204	0.14784	1.47784	0.0196190	0.124684	-2.34089		0.952913	0.952107	-1.0503	0.545512	1.66274	1.66274	0.734166	1.32682	1.32682	0.828648	0.835149	1.19739	0.86567	3.47027	3.72428	1
cg09733496	DCHS2	0.586174	0.860972	0.928115	-1.07745	0.999323	1.00036	1.00036	0.599468	0.798109	-1.25296	0.912552	1.04786	1.04786	0.263462	0.608911	-1.64228		0.126666	0.495057	-2.01997	0.130809	0.49942	-2.00232	0.375864	0.679265	-1.47218	0.231846	0.586473	-1.70511	0.865669	2.48285	2.54944	1
cg21557407	PIK3CA	0.586183	0.520809	1.08182	1.08182	0.643598	0.91559	1.13059	0.606865	0.831171	1.20356	0.858825	1.02494	1.02494	0.168913	0.99561	-1.00441		0.613756	1.03232	1.03232	0.881155	0.858824	-1.31586	0.144345	0.29599	-3.37888	0.0596403	0.133407	0.86584	0.423791	0.443515	0.45195	1
cg02434541	NAT8	0.586196	0.999268	1.00024	1.00024	0.452589	1.22227	1.22227	0.230358	1.29083	1.29083	0.731200	1.09407	1.09407	0.0723167	1.69225	1.69225		0.138571	1.51927	1.51927	0.931647	1.02276	1.02276	0.659436	1.12336	1.12336	0.61267	1.1439	1.14329	0.865634	0.943237	0.968576	1
cg02745713	TNNDC2;BTF3L4;BTF3L4;BTF3L4	0.586201	0.489168	1.08206	1.08206	0.894939	0.96966	1.03776	0.861462	0.823399	0.887503	1.12676	0.97371	1.03774	0.777508	1.82305	1.82305		0.312705	1.74575	1.74575	0.153563	1.39764	1.39764	0.0661899	3.0031	3

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg02111504	C5orf56;ANKRD12;C5orf56		0.586948	0.90162	0.982338	-1.01796	0.610401	1.07685	1.07685	0.381368	1.13811	1.13811	0.486265	1.10732	1.10732	0.214218	1.10735	1.10735		0.685286	0.942983	-1.06046	0.153303	0.802548	-1.24603	0.484993	0.902808	-1.10766	0.546956	1.0918	1.0918	0.864455	0.284258	0.292292	1
cg18761925	DPH2;DPH2		0.586967	0.336278	0.830602	-1.20395	0.384315	1.18174	1.18174	0.6867	0.926903	-1.07886	0.386238	1.1809	1.1809	0.148645	0.748261	-1.33643		0.779227	0.94875	-1.05402	0.221508	0.786186	-1.27196	0.621409	0.911019	-1.09767	0.917559	1.01956	1.01956	0.864225	0.479791	0.493337	1
cg23527115	SLC14A;SLC14A		0.586982	0.752729	1.12208	1.12208	0.866549	0.940544	-1.06321	0.807975	0.915082	-1.0928	0.275058	1.51266	1.51266	0.136232	1.79519	1.79519		0.971494	1.013111	1.013111	0.0962324	1.94584	1.94584	0.725989	0.879645	-1.13682	0.598711	1.21354	1.21354	0.864401	1.81842	1.86993	1
cg18506138	FEN1		0.586991	0.35873	0.408824	-2.44606	0.403106	0.444745	-2.24934	0.737309	1.37422	1.37422	0.74223	1.39223	-1.36569	0.403277	0.444835	-2.24802		0.930694	1.07751	1.07751	0.0538805	0.121587	-8.22457	0.778134	0.76593	-1.30564	0.13421	0.388901	-2.57135	0.87012	12.0163	10.7411	1
cg08734093	MTOR		0.586992	0.56715	1.1078	1.1078	0.963003	1.00762	1.00762	0.29252	1.23319	1.23319	0.947225	0.987363	-1.0128	0.136308	1.28355	1.28355		0.450752	0.872838	-1.14569	0.573089	1.10603	1.10603	0.785063	1.04057	1.04057	0.215006	0.793733	-1.25987	0.864385	0.42885	0.441007	1
cg23295826	MIR637;AATK;MIR338		0.587007	0.540998	0.759686	-1.31633	0.994498	1.003007	1.003007	0.418894	0.692924	-1.44316	0.680387	1.19777	1.19777	0.852946	0.920883	-1.0859		0.189219	1.86427	1.86427	0.759058	0.872288	-1.14641	0.720641	0.852587	-1.1729	0.101364	2.21816	2.21816	0.864362	2.7003	2.77603	1
cg24683185	MTMR15		0.587007	0.634486	0.719436	-1.38998	0.0893057	0.27579	-3.62595	0.437225	0.579916	-1.72439	0.347143	1.94561	1.94561	0.510833	0.6322	-1.58178		0.826257	1.16316	1.16316	0.69711	0.764203	-1.30855	0.71527	1.28645	1.28645	0.420511	1.76089	1.76089	0.864362	6.47103	6.65465	1
cg24617313	GNAS;GNAS;GNAS;GNAS;GNASAS		0.587007	0.493155	1.88048	1.88048	0.279706	0.353619	2.82628	0.69313	1.80055	1.80055	0.944203	0.937961	-1.06614	0.0973375	0.189236	-5.28441		0.481531	1.93441	1.93441	0.5517568	0.548639	-1.82305	0.708832	1.40951	1.40951	0.912723	1.10553	1.10553	0.864361	11.4618	11.7871	1
cg23076799	POLD3		0.587024	0.93655	1.02462	1.02462	0.881198	1.80553	1.80553	0.115837	1.68578	1.68578	0.593273	1.07926	1.07926	0.677669	0.880107	1.13623		0.916633	0.968515	-1.03251	0.744883	1.10491	1.10491	0.419767	1.28643	1.28643	0.931257	0.973983	1.02671	0.86431	1.27791	1.31425	1
cg01168962	CBFA2T3;CBFA2T3		0.587045	0.352726	4.77495	4.77495	0.14888	12.5657	12.5657	0.290386	6.01286	6.01286	0.321824	5.32964	5.32964	0.90187	1.22344	1.22344		0.743334	1.71118	1.71118	0.280751	0.15994	-6.25233	0.340446	4.98352	4.98352	0.539414	2.76159	2.76159	0.864302	36.5876	37.6284	1
cg12698737	ANP32A		0.587046	0.678344	1.47351	1.47351	0.67361	0.643545	1.55401	0.313405	1.33405	1.33405	0.754636	1.33458	1.33458	0.749353	1.07272	1.07272		0.793413	0.72331	-1.38253	0.225019	0.87519	7	7	0.429236	0.368341	2.71488	0.857492	1.16455	1.16455	0.864341	2.27488	2.37482	1
cg14945287	ZNF410		0.587049	0.422338	1.36295	1.36295	0.529837	0.786268	-1.27183	0.164176	1.75212	1.75212	0.487732	0.766165	-1.3052	0.638752	0.904655	-1.10559		0.744956	0.88398	-1.13125	0.238639	1.59407	0.644444	1.34251	1.34251	0.362285	1.42444	1.42444	0.864297	1.95391	2.00951	1
cg12930753	PLEKHF2		0.587068	0.870864	0.937692	-1.06545	0.153229	0.53017	-1.88619	0.706814	0.854809	-1.16974	0.865529	0.931109	-1.07369	0.686273	0.845144	-1.18329		0.549046	1.24853	1.24853	0.912358	0.955343	-1.04674	0.892719	2.13344	2.13344	0.592246	0.799559	-1.25069	0.864266	2.35634	2.42347	1
cg05601201	FOXO3;FOXO3		0.587077	0.600424	0.7719	-1.29551	0.129932	2.22855	2.22855	0.341219	1.61678	1.61678	0.760171	1.16181	1.16181	0.579601	1.31536	1.31536		0.432965	1.47992	1.47992	0.777958	0.870677	-1.14853	0.315102	1.66339	1.66339	0.307536	0.596049	-1.67772	0.864253	1.28465	1.37828	1
cg21201285	REXO1		0.587095	0.334398	0.778782	-1.28406	0.380351	0.797727	-1.25356	0.490855	0.838832	-1.19213	0.787813	0.660276	-1.51452	0.130015	0.663169	-1.50791		0.182553	0.852183	0.700993	-1.42655	0.397926	0.804635	-1.2428	0.224223	0.863273	0.887911	1
cg24828683	HLA-H		0.587097	0.903627	0.806953	-1.12272	0.750307	1.35677	1.35677	0.468227	0.958625	1.04182	0.26097	0.755116	-1.32511	0.120513	0.462652	-2.16242	0.480444	-2.08313	0.342688	0.392894	-2.54521	0.847311	1.20225	1.20225	0.325383	2.69311	2.69311	0.883543	3.85659	3.85659	0.86422	12.4997	12.8565	1
cg10950413	UBQLN2;UBQLN2		0.5871	0.215176	0.152315	-6.56534	0.453087	0.332059	-3.01151	0.994993	0.99099	-1.00909	0.172095	0.813759	0.813759	0.963093	1.06902	1.06902		0.159261	0.114211	-8.75572	0.764999	0.648953	-1.54094	0.649721	0.517125	-1.93377	0.892036	1.21637	1.21637	0.864216	28.4754	29.2883	1
cg21222634	GNAS;GNAS		0.5871	0.891405	1.04162	1.04162	0.933192	0.975284	-1.02534	0.4347	1.26861	1.26861	0.872281	1.0492	1.0492	0.983496	1.04027	1.04027		0.481745	0.8078	-1.23793	0.0682484	0.543662	-1.83938	0.946804	0.98028	-1.02012	0.289331	1.388	1.388	0.864216	1.21954	1.25436	1
cg23533217	GAK		0.587114	0.830055	1.03917	1.03917	0.6885545	1.43876	1.43876	0.29845	1.21245	1.21245	0.462567	1.14301	1.14301	0.536219	0.894083	-1.11846		0.691248	1.07396	1.07396	0.565602	0.901395	-1.10939	0.948447	0.988509	-1.01162	0.659465	0.923797	-1.08249	0.864194	0.437282	0.449778	1
cg21149807	1B;CDK11B		0.587124	0.506704	1.64353	1.64353	0.504928	0.607133	-1.64709	0.800191	1.20468	1.20468	0.154155	0.317443	-3.15017	0.631524	1.42686	1.42686		0.870614	0.887245	-1.12708	0.461699	0.575051	-1.73898	0.690913	1.34148	1.34148	0.196723	2.78949	2.78949	0.877862	7.12771	5.41293	1
cg16188080	UVRAG		0.587125	0.505876	1.27613	1.27613	0.784705	0.783305	1.39277	1.21206	0.824816	0.956256	1.04237	0.851862	-1.17424	0.161956	0.606998	-1.64749		0.553675	1.22583	1.22583	0.343099	0.72694	-1.37603	0.553044	1.13588	1.13588	0.216888	0.248109	0.673719	-1.4843	0.864175	1.46438	1.50626	1
cg13926551	GLDN		0.587135	0.243912	2.90611	2.90611	0.253512	2.83909	2.83909	0.72425	1.36335	1.36335	0.496984	1.82841	1.82841	0.450482	1.95976	1.95976		0.571328	1.64968	1.64968	0.100716	4.8219	4.8219	0.760334	1.30698	1.30698	0.114484	4.4913	4.4913	0.864161	10.4794	10.7793	1
cg14099160	SEC63		0.587138	0.364595	1.21099	1.21099	0.848083	0.961157	-1.0402	0.802624	1.05281	1.05281	0.427195	1.18127	1.18127	0.117802	1.41764	1.41764		0.893301	1.02796	1.02796	0.116642	1.41952	1.41952	0.517686	0.873912	-1.14428	0.75427	1.06665	1.06665	0.864156	0.57792	0.59446	1
cg05970528	GDF1;LASS1;LASS1		0.587144	0.804137	0.949858	1.05258	0.624096	1.60715	1.60715	1.10797	0.785757	0.945262	1.05795	0.916452	1.09122	0.621887	1.02187	0.658584	1.51862	0.746218	0.663452	1.50727	0.44477	0.851179	-1.17484	0.3131	3.19356	0.513153	0.584213	0.600936	1
cg02254407	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1		0.587145	0.241248	1.73207	1.73207	0.699624	1.18959	1.18959	0.408005	1.46079	1.46079	0.708173	0.845036	-1.18338	0.615585	0.797208	-1.25438		0.750643	1.15346	1.15346	0.14643	2.00981	2.00981	0.231777	1.75349	1.75349	0.213562	1.79768	1.79768	0.864145	2.74432	2.8229	1
cg05411032	CLPTM1		0.587152	0.843938	0.965189	-1.03607	0.67564	0.927142	-1.07858	0.610402	1.09677	1.09677	0.770747	1.05393	1.05393	0.669087	1.08036	1.08036		0.908003	0.974433	-1.0261	0.0463046	0.663408	-1.50737	0.676769	1.07828	1.07828	0.507709	1.12841	1.12841	0.864134	0.442287	0.454957	1
cg21873011	ZNF214;NUP14;ZNF214		0.587157	0.144395	0.589858	-1.69532	0.641258	1.17115	1.17115	0.81271	0.923199	-1.08319	0.927049	1.03131	1.03131	0.546238	1.22825	1.22825		0.196831	0.631662	-1.58312	0.726019	1.12575	1.12575	0.872398	1.05561	1.05561	0.248958	1.50037	1.50037	0.864134	1.5513	1.59574	1
cg06798749	TUT1		0.587159	0.612304	1.16744	1.16744	0.85639	0.857367	-1.16657	0.357176	1.08793	1.08793	-1.2312	0.197568	5.06093	-1.28213	0.807486	1.24004	1.24004	0.814373	0.856566	-1.16733	0.88562	1.09562	1.09562	0.559121	1.45466	1.45466	0.864126	0.54741	0.50863	0.66649	1
cg08865458	TGM2;TGM2		0.587159	0.845633	1.0956	1.0956	0.61518	0.788673	-1.26795	0.389928	1.53081	1.53081	0.653438	0.808684	-1.23658	0.485104	1.39413	1.39413		0.412203	0.675228	-1.48098	0.0815469	2.46099	0.406499	2.46099	0.519743	0.736645	-1.35751	0.908441	0.94754	-1.05536	0.864124	3.00239	3.08844	1
cg23127164	ZNF366;ZNF366		0.587179	0.853533	1.07613	1.07613	0.704305	1.392777	-1.21207	0.731826	0.934316	0.959753	-1.04218	0.866018	0.800677	0.837253	1.24242	1.24242	0.805266	0.742782	0.740762	-1.34996	0.415642	1.39144	1.39144	0.351753	1.29759	1.29759	0.864173	1.88948	2.01206	1.8386	1
cg02852754	SYNJ1;SYNJ1;SYNJ1;SYNJ1		0.58719	0.340071	0.859838	-1.16301	0.58097	0.91984	-1.08715	0.369761	0.86808	-1.15197	0.100041	0.758222	-1.31887	0.64988	1.07271	1.07271		0.28261	0.842417	-1.18706	0.195458	0.810347	-1.23404	0.338328	0.85934	-1.16368	0.77233	1.956421	-1.04556	0.864075	0.32282	0.332091	1
cg14364129	C9orf5		0.587203	0.21394	1.39877	1.39877	0.696894	1.10559	1.10559	0.656731	1.12154	1.12154	0.782938	1.07339	1.07339	0.196326	1.41589	1.41589		0.807402	1.06463	1.06463	0.182228	1.43772	1.43772	0.135441	1.51083	1.51083	0.591792	0.870391	-1.14891	0.864055	0.899908	0.925772	1
cg26385221	CTU1		0.587209	0.87163	0.947868	1.05508	0.45243	0.726306	1.37682	0.913426	1.13526	1.13526	0.617123	1.13856	1.13856	0.651717	0.92059	-1.08596		0.781252	1.04886	1.04886	0.434209	0.843129	1.18606	0.842724	1.14197	1.14197	0.368859	1.17464	1.17464	0.864046	0.40185	0.413404	1
cg11314292	RNF125		0.587217	0.401463	0.564174	-1.7725	0.620573	0.717045	-1.39461	0.467163	0.610691	-1.63748	0.666416	1.33519	1.33519	0.532293	0.655978	-1.52444		0.507353	0.638697	-1.56569	0.09384	3.41455	3.41455	0.379773	0.548506	-1.82314	0.939949	1.0515	1.0515	0.864032	6.07968	6.25459	1
cg20048674	KIF13AP5;RPL13A		0.587243	0.453284	0.702952	-1.42267	0.365408	0.824015	-1.21357	0.328781	1.2306	1.2306	0.62079	0.861614	-1.15056	0.994351	0.99854	-1.00146		0.747056	0.93596	-1.06884	0.828695	1.056103	-1.04591	0.881244	0.94542	-1.05782	0.834021	0.925126	1.30884	1.30884	0.685891	0.582483	0.559058	1
cg20326704	TET1		0.587246	0.964589	1.02324	1.02324	0.132999	2.31357	2.31357	0.607058	1.30793	1.30793	0.846371	1.10559	1.10559	0.95925	1.32216	1.32216		0.209819	1.98169	1.98169	0.536399	0.72326	-1.38263	0.533167	0.721353	-1.38628	0.197138	0.202504	2.02504	0.863987	3.6644	3.77002	1
cg01940855	CHST11		0.587275	0.167964	1.34321	1.34321	0.914013	0.978545	-1.02193	0.159133	1.35278	1.35278	0.917353	0.979373	-1.02106	0.331219	1.223	1.223		0.309918	1.23489	1.23489	0.942199	1.01467	1.01467	0.160508	1.35125	1.35125	0.435938	1.17304	1.17304	0.863942	0.551691	0.567622	1
cg10684940	IDH3B;IDH3B;IDH3B		0.587276	0.659327	1.08251	1.08251	0.675247	1.13742	1.13742	0.507787	1.22422	1.22422	0.597883	1.13891	1.13891	0.21367	1.18722	1.18722	0.603197	0.715897	1.39744	1.39744	0.0503192	1.64044	1.64044	0.0958151	1.98458	1.98458	0.0958151	1.14192	1.14192	0.755398	0.256452	0.263452	1
cg25869889	APBB1;APBB1		0.587281	0.456882	0.628213	-1.59182	0.116603	0.84654	-1.18145	0.844532	0.886513	-1.12802	0.758488	0.827605	-1.20831	0.171648	0.409489	-2.44207		0.869622	0.904124	-1.10604	0.559	0.6959	-1.43699	0.542048	1.46036	1.46036	0.632235	0.743908	-1.34435	0.863975	0.55105	0.52956	1
cg13500194	FAT1		0.587283	0.758887	1.08215	1.08215	0.674427	0.834374	1.20934	0.833883	0.743475	0.847703	0.88345	1.08098	-1.08598	0.624807	0.854152	-1.17091		0.603918	0.665452	-1.50272	0.44427	0.851179	-1.17484	0.3131	1.59306	0.59721	1.67533	1.16431	1.16431	0.677349	1.17655	1.19127	1
cg20724073	MLX;MLX;MLX		0.587294	0.200245	0.778758	-1.2841	0.839597	1.03817	1.03817	0.949809	1.0117	1.0117	0.790438	0.93808	-1.06601	0.962803	0.991418	-1.00866		0.474145	1.144	1.144	0.25172	0.801478	-1.24769	0.909592	0.979226	-1.02122	0.09147	7.709304	-1.40983	0.863911	0.467328	0.480839	1
cg18189409	LOC400891;P2RX6P		0.587295	0.872851	1.03903	1.03903	0.879792	0.967197	-1.03334	0.658468	0.815388	-1.22641	0.376363	0.810387	0.845715	-1.18251	0.410587	0.845715	-1.18251	0.334353	0.807375	-1.23858	0.276542	0.749449	0.938329	1.06555	0.829555	-1.20547	0.242236	1.29307	0.863905	0.651872	0.650146	1
cg08285432	ERGIC1		0.587304	0.449434	0.719583	-1.38909	0.506223	1.37688	1.37688	0.28364	1.69687	1.69687	0.824841	1.448	1.448	0.29476	0.597343	1.67408		0.858197	0.918691	-1.08851	0.286149	1.44902	1.44902	0.690301	0.863901	0.690301	0.70648	3.16547	3.16547	0.863901	1.07648	3.16547	1
cg06255524	DNAIC3		0.587305	0.319879	0.720286	-1.38834	0.716035	1.12369	1.12369	0.754269	0.904628	-1.10543	0.773808	0.912122	-1.09635	0.270861	1.44185	1.44185		0.294768	1.41461	1.41461	0.279196	1.43208	1.43208	0.169746	1.59496	1.59496	0.990646	0.996265	-1.00375	0.863894	1.39411	1.43445	1
cg17960703	FBXO25;FBXO25;FBXO25		0.587309	0.749781	1.74316	1.74316	0.34673	0.74957	-1.33434	0.160323	1.90233	1.90233	0.745025	1.35366	1.35366	0.417231	1.35262	1.35262	0.416795	0.948498	0.99246	-1.00756	0.285756	2.8131	2.8131	0.822807	1.83112	1.83112	0.822807	1.12083	0.842113	1.16385	-6.1205	0.957618	1.10953	1.05053	0.86866	1.97397	10.3732	1
cg05213387	ANO1;ANO1		0.587315	0.60547	1.11885	1.11885	0.48533	0.858291	-1.16511	0.13888	0.709396	-1.40965	0.179688	0.735552	-1.35952	0.842869	0.958128	-1.0437		0.554962	0.879241	-1.13734	0.301401	0.793924	-1.25957	0.338839	0.808573	-1.23675	0.549019	1.1396	1.1396	0.863878	0.635539	0.653939	1
cg16655091	ATP8A2		0.587324	0.507265	2.16562	2.16562	0.69802	1.563242	1.563242	0.660501	1.66139	1.66139	0.8271	1.28563	1.28563	0.577923	1.90713	1.90713		0.223784	2.00394	2.00394	0.440319	0.260442	3.850261	0.613048	0.556694	-1.79632	0.169536	0.186234	-5.3696	0.863865	1.94199	1.82159	1
cg25357825	VGLL4		0.587327	0.521787	0.801286	-1.24798	0.383907	1.10683	1.10683	0.514853	0.983502	1.01655	0.583672	-1.71329	0.461078	0.776352	-1.28808	0.842949	0.93527	-1.06951	0.848885	1.10647	-1.10647	0.14076	4.4576	4.4576	0.532176	0.126204	-7.92355	1.23796	0.863866	1.55714	1.62026	1
cg25928188	PRKCE		0.587329	0.02965099	0.175598	-5.69483	0.586813	0.688741	-1.45193	0.850308	0.879511	-1.13699	0.75235	1.23945	1.23945	0.667945	0.745834	-1.34078		0.860827	0.887587	-1.12665	0.781196	0.827609	-1.2083	0.854566	0.882775	-1.13279	0.479732	0.612453	-1.63278	0.863857	0.31778	0.50085	1
cg16299341	9		0.587331	0.62735	0.87236	-1.14632	0.448027	0.805868	-1.2409	0.148575	1.54109	1.54109	0.325244	0.753111	-1.32783	0.385049	0.779904	-1.28221		0.753512	0.915826	-1.09191	0.905632	1.03366	1.03366	0.556127	0.846899	-1.18078	0.30213	1.34769	1.34769	0.863854	1.06598	1.09687	1
cg17362661	AFF3;AFF3		0.587341	0.597331	1.02441	1.02441	0.895208	0.960398	-1.04124	0.731012	0.889581	-1.11163	0.160085	1.58451	1.58451	0.697473	1.13574	1.13574		0.728163	1.14036	1.14036	0.104809	1.72221	1.72221	0.348798	1.34419	1.34419	0.751366	0.907124	-1.10239	0.854838	1.2866	1.32381	1
cg02181369	DOPEY1		0.587343	0.830532	0.937245	-1.06696	0.664277	0.987353	-1.01281	0.542113	1.20515	1.20515	0.692314	1.1278	1.1278	0.608448	0.853604	-1.17161		0.632795	1.15669	1.15669	0.86151	1.05422	1.05422	0.744158	0.904777	-1.10525	0.219816	0.676954	-1.47721	0.863836	1.25102	1.2873	1
cg13625546	MIR200A;MIR429		0.587359	0.808449	0.957964	-1.04388	0.887319	0.975243	-1.02539	0.0674197	0.696044	-1.43669	0.473614	0.87909	-1.13754	0.559334	0.900873	-1.11003		0.322397	1.1981	1.1981	0.71402	1.06724	1.06724	0.578929	1.1042	1.1042	0.812969	1.0428	1.0428	0.86381	0.427715	0.440132	1
cg03801128	MON1B		0.587368	7	0.699924	0.699924	0.399592	1.16166	1.16166	0.372306	1.02848	0.6661	0.868227	-1.15172	0.574205	0.713364	1.39446	1.39446	0.728514	0.753112	1.33446	1.33446	0.272858	0.870901	-1.14824	0.594829	1.19091	1.19091	0.857171	1.32945	1.49141	1
cg26768966	LRFN1		0.587377	0.530627	0.831868	-1.20211	0.755485	0.563657	-1.77413	0.208194	0.680764	-1.46894	0.708427	1.11502	1.11502	0.930841	1.02547	1.02547		0.867521	1.04957	1.04957	0.298149	0.733583	-1.3669	0.613581	0.871881	-1.14695	0.395442	0.777076	-1.28687	0.863782	1.14985	1.18234	1
cg01606023	NXPH4		0.587385	0.229605	0.8586	-1.16462	0.72674	0.778205	1.28518	0.753787	0.85458	-1.17017	0.757957	0.712219	-1.40406	0.244207	0.500871	-1.99652		0.976813	1.07377	1.07377	0.284957	0.940903	-1.06301	0.903613	0.974553	-1.02611	0.863264	1.27276	0.863725	0.40907	0.445265	1
cg26253899	NCLN		0.587397	0.940788	1.02197	1.02197	0.768842	0.917386	-1.09005	0.278826	0.719315	-1.39021	0.163174	1.54572	1.54572	0.705298	0.894791	0.11758		0.253943	0.705697	-1.41704	0.305176	0.732954	-1.36434	0.529564	1.20484	1.20484	0.825851	1.0666	1.0666	0.86375	1.17111	1.2052	1
cg02521036	TAFL1;TMEM179B		0.587397	0.298027	0.811004	-1.23304	0.64401	0.913602	-1.09457	0.297916	1.2331	1.2331	0.532391	0.884417	-1.13066	0.959561	0.991747	-1.00832		0.092388	0.702283	-1.42393	0.705225	0.928872	-1.07607	0.514009	1.13714	1.13714	0.57895	0.896465	-1.115	0.863675	0.515844	0.530857	1
cg07924892	MOCOS		0.587398	0.99536	1.00246	1.00246	0.951768	0.707368	-1.41325	0.747698	0.51663	-1.93603	0.883307	1.02214	1.02214	0.552634	0.774972	-1.29055		0.547924	1.66521	1.66521	0.132004	0.792745	-1.26144	0.607937	0.713023	-1.40233	0.346433	0.246706	2.72566	0.863748	4.83374	4.8481	1.32778	1
cg25247351	HLA-DMB;HLA-DMB		0.587401	0.714767	1.08679	1.08679	0.111633	0.67509	-1.48128	0.8646	1.03946	1.03946	0.324402	1.25957	1.25957	0.465816	1.18329	1.18329		0.600235	0.887	-1.1274	0.223848	0.748431	-1.33613	0.896717	0.970979	-1.02989	0.962291	0.989336	-1.01078	0.863743	0.703428	0.723906	1
cg05803596	ADORA1;ADORA1		0.58742	0.816384	0.899009	-1.11159	0.142835	2.04696	2.04696	0.584789	1.28531	1.28531	0.219525	1.79906	1.79906	0.594832	1.27655	1.27655		0.469681	1.39733	1.39733	0.394516	1.20654	1.20654	0.462104	1.40122	1.40122	0.942528	0.967737	-1.03334	0.863715	2.8301	2.91259	1
cg11395917	PLEKHB2;PLEKHB2;PLEKHB2;PLEKHB2		0.587425	0.991736	1.00235	1.00235	0.503051	0.865857	-1.15493	0.483115	1.17514	1.17514	0.313891	0.789909	-1.26597	0.312879	0.789491	-1.26664		0.184812	1.37501	1.37501	0.215243	0.744256	-1.34362	0.773789	0.93683	-1.06743	0.853561	0.959025	-1.04273	0.863707	0.70135	0.721798	1
cg25045746	CNGA3;CNGA3		0.587426	0.568174	0.717

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Probeset ID	UCSC_REFGENE_NAME TRIM13;TRIM13;TRIM13;TRIM13;DLEU	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg07530200	2	0.587868	0.182465	0.383858	-2.60513	0.67218	0.74974	-1.3338	0.771135	0.820876	-1.21821	0.947036	0.104598	1.045598	0.195276	0.396208	-2.52393	0.348846	0.520661	-1.92064	0.798238	0.840847	-1.18928	0.184481	2.59234	2.59234	0.651748	0.735313	-1.35996	0.863012	6.25919	6.44687	1
cg14710529	ASAP2;ASAP2	0.587889	0.283438	0.515549	-1.93968	0.50285	0.667462	-1.49821	0.506892	1.49229	1.49229	0.64587	0.759524	-1.31661	0.283572	0.515652	-1.91929	0.440562	0.626514	-1.59613	0.110612	0.355742	-2.81102	0.198522	0.445835	-2.24298	0.792271	0.854777	-1.1699	0.86298	4.83052	4.97555	1
cg10045101	NODAL	0.587895	0.268680	1.29677	1.29677	0.235132	1.32406	1.32406	0.878317	1.03517	1.03517	0.772226	0.596624	-1.06766	0.203985	1.35373	1.35373	0.28599	0.77883	-1.28358	0.53109	0.866833	-1.15362	0.895905	0.970017	-1.02995	0.505857	1.16449	1.16449	0.86297	0.695499	0.737751	0.736188	1
cg11607440	IFFO2	0.587912	0.744726	0.722843	-1.38343	0.556482	0.543101	0.161969	4.408	4.408	0.853328	0.832062	-1.20183	0.621779	1.63885	1.63885		0.909333	0.893	-1.11982	0.902367	1.12966	0.861425	1.18955	1.18955	0.938515	0.926226	-1.07965	0.882943	13.4876	13.8932	1
cg03788925	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.587913	0.777399	1.0627	1.0627	0.129413	1.42128	1.42128	0.398417	0.830679	-1.20183	0.870425	0.967953	-1.03115	0.259833	0.777006	-1.28687	0.983237	1.00452	1.00452	0.220075	1.31821	1.31821	0.957582	1.01148	1.01148	0.755186	1.06094	1.06094	0.862941	0.622929	0.648149	1
cg03270167	RAMP1	0.587921	0.58857	0.621469	-1.60909	0.330708	2.39697	2.39697	0.253233	0.353685	-2.82737	0.683263	0.699555	-1.42948	0.959303	0.956527	-1.04545	0.159975	3.69759	3.69759	0.380203	0.456559	-2.1903	0.504796	0.554612	-1.80306	0.670488	1.45177	1.45177	0.862927	10.3684	10.6803	1
cg09497715	AIM1Z	0.587924	0.257998	0.678098	-1.47471	0.419683	0.571254	-1.50948	0.994763	0.997843	1.002156	0.662891	0.212208	0.238519	0.15007	0.15007		0.717067	1.12712	1.12712	0.384996	1.44075	1.44075	0.821504	1.0764	1.0764	0.839742	0.935580	-1.06884	0.862924	1.47763	1.52209	1
cg24143843	HNRNPH1	0.587925	0.821377	1.18599	1.18599	0.564012	1.55357	1.55357	0.607788	1.47832	1.47832	0.074192	-1.22193	-1.6	0.820014	1.18757	1.18757	0.525672	1.62571	1.62571	0.68842	1.35558	1.35558	0.914258	0.925194	0.805113	-1.97975	0.60943	1.47563	1.47563	0.868594	7.65383	6.85806	1
cg14706950	HECTD2;LOC100188947;HECTD2	0.587927	0.898274	0.956041	-1.04598	0.207116	0.626498	-1.59618	0.863855	0.941461	-1.06218	0.571665	1.2225	1.2225	0.518994	0.794702	-1.25833	0.518618	1.2586	1.2586	0.323113	1.43149	1.43149	0.179679	1.65019	1.65019	0.388055	1.36471	1.36471	0.86292	1.68839	1.7392	1
cg15173798	SERINC2	0.587927	0.307091	1.802443	-1.24614	0.328409	0.778496	-1.28558	1.078472	1.20694	1.20694	0.563079	0.884515	1.078472	0.20694	0.563079	-1.80528	0.137791	1.39467	1.39467	0.467312	0.857741	1.16644	0.472767	0.800553	1.16644	0.472767	0.800553	0.851999	-1.17371	0.86292	0.592167	0.609988	1
cg07396047	LOC100129637	0.587937	0.891163	1.07799	1.07799	0.594488	1.34277	1.34277	0.633434	1.2995	1.2995	0.941501	0.712451	-1.40361	0.157295	0.436222	-2.29241	0.53872	0.710754	-1.40696	0.503188	0.689568	-1.45145	0.395998	1.61094	1.61094	0.162356	0.441195	-2.26657	0.862904	4.11232	4.23616	1
cg21931162	GDF2	0.587942	0.752489	1.127162	1.13292	0.265785	2.82491	2.82491	0.664219	1.18803	1.18803	0.940125	0.970801	-1.03008	0.934434	0.960397	-1.04124	0.938676	1.0382	1.0382	0.983561	1.01901	1.01901	0.899125	1.01513	1.01513	0.8629	1.02668	1.02668	0.862904	2.61308	2.59073	1
cg14781041	SIPA1L2	0.587942	0.596517	0.876612	-1.14076	0.740035	1.08554	1.08554	0.909916	0.972488	1.02829	0.865816	0.959172	-1.04257	0.712027	1.09569	1.09569	0.142769	1.47441	1.47441	0.248318	1.34661	1.34661	0.201645	1.717244	1.39423	0.606861	0.879915	-1.13647	0.862897	0.830241	0.85525	1
cg26965915	FLVCR2	0.587948	0.931482	0.961986	-1.03952	0.310169	0.622961	-1.60524	0.136878	0.485701	-2.05887	0.789158	0.863546	-1.15741	0.429849	0.732172	-1.36591	0.621486	0.790708	-1.25144	0.057383	0.379565	-2.63461	0.512401	0.74124	-1.34909	0.687856	0.833588	-1.19963	0.862887	2.77568	2.85932	1
cg14541437	SEC63	0.587956	0.583488	1.57028	1.57028	0.339037	2.25697	2.25697	0.931923	1.06225	1.06225	0.788209	0.913376	-1.09544	0.806265	1.12833	1.03561	0.211882	-4.56972	0.403003	0.448029	0.853581	0.938854	-1.0674	0.405258	0.496622	2.0136	0.888075	8.46287	5.29414	1
cg00584971	PCDH19;PCDH19	0.587969	0.216392	0.256034	-3.90573	0.910104	0.899066	-1.11227	0.77827	1.34401	1.34401	0.144051	5.17443	5.17443	0.920192	1.11067	1.11067	0.192862	0.236133	-4.23491	0.849161	0.819209	-1.22069	0.761502	1.3755	1.3755	0.597384	1.7476	1.7476	0.862854	14.9904	15.4427	1
cg01303296	ENC1	0.587975	0.116732	0.258154	-4.19896	0.183223	1.35656	1.35656	0.480014	0.546732	-1.83025	0.545952	0.597809	-1.67278	0.522223	0.579238	-1.72641	0.738767	1.32547	1.32547	0.119423	0.241083	-4.14794	0.753052	1.30437	1.30437	0.437436	0.513305	-1.94816	0.862845	9.68589	9.97825	1
cg03244432	PORCN;PORCN;PORCN;PORCN;PORCN	0.587984	0.199284	0.100823	-9.91842	0.762971	0.599485	-1.6681	0.991209	1.01881	1.01881	0.299577	6.16391	6.16391	0.600543	2.4444	2.4444	0.144693	0.0706365	-14.157	?	?	0.824396	1.4564	1.4564	0.89821	0.805324	-1.24174	0.850187	34.2544	40.2904	1
cg23067281	RIN3	0.588006	0.199284	0.155671	-6.42937	0.0882	0.611759	-1.63497	0.964763	0.997843	1.002156	0.662891	1.212083	1.212083	0.287588	0.823232	-1.33298	0.426599	0.354942	0.691975	-1.44614	0.700105	0.86092	-1.16155	0.295084	1.52218	1.52218	0.645345	1.19639	1.86297	2.04576	2.10763	1
cg02225739	MLYCD	0.588011	0.922641	0.975814	-1.02479	0.645119	1.11626	1.11626	0.378231	1.25594	1.25594	0.542289	1.16822	1.16822	0.486977	1.19486	1.19486	0.809209	1.06287	1.06287	0.320901	1.295	1.295	0.175435	1.43791	1.43791	0.0594488	1.70964	1.70964	0.862909	0.868217	0.89448	1
cg18932726	DOCK1	0.588011	0.792355	1.29154	1.29154	0.514687	1.30233	1.30233	0.172583	-1.88598	0.60598	1.64713	1.64713	0.081743	0.485559	0.684559	0.964207	-1.04156	0.963731	1.03784	0.429353	0.48559	0.896457	1.1345	1.1345	0.0993706	-1.00836	0.804987	1.10301	1.10301	0.899125	1.0513	1.0513	0.8629	2.19073	2.19073	1
cg14781045	SIPA1L2	0.587942	0.596517	0.876612	-1.14076	0.740035	1.08554	1.08554	0.909916	0.972488	1.02829	0.865816	0.959172	-1.04257	0.712027	1.09569	1.09569	0.142769	1.47441	1.47441	0.248318	1.34661	1.34661	0.201645	1.717244	1.39423	0.606861	0.879915	-1.13647	0.862897	0.830241	0.85525	1
cg26965915	FLVCR2	0.587948	0.931482	0.961986	-1.03952	0.310169	0.622961	-1.60524	0.136878	0.485701	-2.05887	0.789158	0.863546	-1.15741	0.429849	0.732172	-1.36591	0.621486	0.790708	-1.25144	0.057383	0.379565	-2.63461	0.512401	0.74124	-1.34909	0.687856	0.833588	-1.19963	0.862887	2.77568	2.85932	1
cg24544437	SEC63	0.587956	0.583488	1.57028	1.57028	0.339037	2.25697	2.25697	0.931923	1.06225	1.06225	0.788209	0.913376	-1.09544	0.806265	1.12833	1.03561	0.211882	-4.56972	0.403003	0.448029	0.853581	0.938854	-1.0674	0.405258	0.496622	2.0136	0.888075	8.46287	5.29414	1
cg00584971	PCDH19;PCDH19	0.587969	0.216392	0.256034	-3.90573	0.910104	0.899066	-1.11227	0.77827	1.34401	1.34401	0.144051	5.17443	5.17443	0.920192	1.11067	1.11067	0.192862	0.236133	-4.23491	0.849161	0.819209	-1.22069	0.761502	1.3755	1.3755	0.597384	1.7476	1.7476	0.862854	14.9904	15.4427	1
cg01303296	ENC1	0.587975	0.116732	0.258154	-4.19896	0.183223	1.35656	1.35656	0.480014	0.546732	-1.83025	0.545952	0.597809	-1.67278	0.522223	0.579238	-1.72641	0.738767	1.32547	1.32547	0.119423	0.241083	-4.14794	0.753052	1.30437	1.30437	0.437436	0.513305	-1.94816	0.862845	9.68589	9.97825	1
cg03244432	PORCN;PORCN;PORCN;PORCN;PORCN	0.587984	0.199284	0.100823	-9.91842	0.762971	0.599485	-1.6681	0.991209	1.01881	1.01881	0.299577	6.16391	6.16391	0.600543	2.4444	2.4444	0.144693	0.0706365	-14.157	?	?	0.824396	1.4564	1.4564	0.89821	0.805324	-1.24174	0.850187	34.2544	40.2904	1
cg23067281	RIN3	0.588006	0.199284	0.155671	-6.42937	0.0882	0.611759	-1.63497	0.964763	0.997843	1.002156	0.662891	1.212083	1.212083	0.287588	0.823232	-1.33298	0.426599	0.354942	0.691975	-1.44614	0.700105	0.86092	-1.16155	0.295084	1.52218	1.52218	0.645345	1.19639	1.86297	2.04576	2.10763	1
cg02225739	MLYCD	0.588011	0.922641	0.975814	-1.02479	0.645119	1.11626	1.11626	0.378231	1.25594	1.25594	0.542289	1.16822	1.16822	0.486977	1.19486	1.19486	0.809209	1.06287	1.06287	0.320901	1.295	1.295	0.175435	1.43791	1.43791	0.0594488	1.70964	1.70964	0.862909	0.868217	0.89448	1
cg18932726	DOCK1	0.588011	0.792355	1.29154	1.29154	0.514687	1.30233	1.30233	0.172583	-1.88598	0.60598	1.64713	1.64713	0.081743	0.485559	0.684559	0.964207	-1.04156	0.963731	1.03784	0.429353	0.48559	0.896457	1.1345	1.1345	0.0993706	-1.00836	0.804987	1.10301	1.10301	0.899125	1.0513	1.0513	0.8629	2.19073	2.19073	1
cg13248115	THY1	0.588011	0.162913	0.427493	-2.33922	0.562267	0.71585	-1.39694	0.238529	0.494426	-2.02255	0.716515	0.812153	-1.23129	0.22616	0.484283	2.06491	0.39268	0.606767	-1.64808	0.0913701	0.34619	-2.88859	0.365506	0.588318	-1.69976	0.569988	0.720679	-1.38758	0.862789	4.44831	4.58288	1
cg20850894	NPFF2;NPFF2;NPFF2	0.588013	0.808381	0.307799	-1.14837	0.749334	1.20025	1.20025	0.709749	1.23723	1.23723	0.676202	1.26818	1.26818	0.832379	1.12827	1.12827	0.962648	0.973687	-1.02702	0.942252	0.959588	-1.04211	0.0334646	0.242989	-4.11542	0.915528	0.941376	-1.06227	0.862786	4.43023	4.56426	1
cg23831021	ATP5C1;ATP5C1	0.588018	0.879053	0.959017	-1.0971	0.323621	0.588309	-1.70002	0.732582	0.758289	-1.31876	0.699044	0.995688	-1.00454	0.853679	0.974572	-1.02606	0.21367	0.74552	-1.34152	0.16258	0.0939588	-1.16295	0.231023	0.684574	-1.46076	0.305083	1.37852	1.37852	0.862786	1.24841	1.2862	1
cg09329516	SLC43A2	0.588027	0.187723	3.75605	3.75605	0.815365	0.801131	-1.24824	0.736112	0.725693	-1.37799	0.755103	0.743341	-1.34528	0.533156	0.549734	-1.81906	0.847886	1.19965	1.19965	0.213524	3.46132	3.46132	0.166322	4.0513	4.0513	0.57963	0.588381	-1.69958	0.862763	12.2781	12.6499	1
cg10539424	SYT8	0.588028	0.651624	0.720722	-1.46143	0.945357	0.681524	-1.1544	0.677434	0.518629	1.32839	1.32839	0.963238	0.918679	-1.08852	0.680231	1.47098	0.383027	5.22529	5.22529	0.663284	1.50708	1.50708	0.773955	0.536071	-1.86543	0.882761	0.914753	1.09365	1.09365	0.862763	46.2753	47.4768	1
cg21648823	ING5	0.588031	0.879154	0.94872	-1.05405	0.491523	1.27346	1.27346	0.691308	0.871018	-1.14808	0.868454	1.05903	1.05903	0.21776	0.638515	1.56613	0.979295	0.991061	-1.00902	0.545802	0.809354	-1.23555	0.462971	0.71524	1.71524	0.248055	1.51731	1.51731	0.862753	1.63574	1.6853	1
cg02143308	GLT25D2	0.588048	0.305311	0.634285	-1.57658	0.11422	0.476602	-2.08942	0.961138	0.979319	-1.02112	0.853636	1.08243	1.08243	0.963413	1.01987	1.01987	0.923551	0.95967	-1.04203	0.0841858	0.440689	-2.26917	0.953945	1.02508	1.02508	0.808569	0.901135	-1.10971	0.86273	2.53134	2.58955	1
cg14970569	NCRNA00086 KDM5A;KDM5A;KDM5A;CCDC77;CCDC	0.588054	?	?	?	?	0.928217	-1.08868	0.840703	1.24582	1.24582	0.718452	1.25872	1.25872	0.304004	1.39225	1.39225	0.223779	-4.4687	0.915845	1.15962	1.15962	0.705852	1.30437	1.30437	0.437436	0.513305	-1.94816	0.862845	9.68589	9.97825	1
cg11241164	7730MS4	0.588054	0.732099	0.92759	-1.07806	0.344665	1.23727	1.23727	0.736156	1.07678	1.07678	0.988119	1.00326	1.00326	0.498407	1.16236	1.16236	0.861989	1.0879	1.03879	0.102626	0.676611	-1.47795	0.244502	1.30515	1.30515	0.12599	1.15111	1.15111	0.86272	0.653746	0.673576	1
cg01772014	C20orf160	0.588056	0.118355	0.414054	-2.41515	0.191923	0.585407	-1.70821	0.416352	0.649208	-1.54034	0.757224	0.851072	-1.17499	0.21364	0.506103	-1.97588	0.238343	0.526084	-1.90084	0.156033	0.454188	-2.20173	0.346865	0.604256	-1.65493	0.701498	0.818494	-1.22176	0.862718	3.69542	3.80752	1
cg05653018	ELF3;ELF3	0.588057	0.150371	0.244099	-4.0967	0.378191	0.437334	-2.28658	0.674536	0.679544	-1.47157	0.540979	0.567732	-1.76139	0.095453	0.182726	-5.34742	0.346523	0.413102	-2.42717	0.157887	0.26818	-3.72884	0.374552	0.434431	-2.30186	0.577361	0.597538	-1.67354	0.862695	11.4324	11.7795	1
cg21762222	GLIPR1;GLIPR1	0.588078	0.067242	0.199284	-5.01454	0.155467	0.392253	-2.55033	0.155467	0.307706	0.862205	0.69255	0.44295	-2.25663	0.042207	0.563721	-1.77349	0.341743	0.081743	0.485559	0.964207	-1.04156	0.963731	1.03784	0.429353	0.48559	0.896457	1.1345	1.1345	0.862753	1.63574	1.6853	1
cg04603809	LOC440356;LOC440356;CDIPT	0.588081	0.384816	0.827482	-1.20849	0.858286	1.03857	1.03857	0.297068	1.25879	1.25879	0.978987	1.00562	1.00562	0.232774	0.765787	-1.30585	0.570041	0.885388	-1.12945	0.368718	1.21685	1.21685	0.837959	1.04432	1.04432	0.219676	1.31703	1.31703	0.868338	0.603482	0.540544	1
cg20850894	NPFF2;NPFF2;NPFF2	0.588081	0.808381	0.307799	-1.14837	0.749334	1.20025	1.20025	0.709749	1.23723	1.23723	0.676202	1.26818	1.26818	0.832379	1.12827	1.12827	0.962648	0.973687	-1.02702	0.942252	0.959588	-1.04211	0.0334646	0.242989	-4.11542	0.915528	0.941376	-1.06227	0.862786	4.43023	4.56426	1
cg23831021	ATP5C1;ATP5C1	0.588078	0.879053	0.959017	-1.0971	0.323621	0.588309	-1.70002	0.732582	0.758289	-1.31876	0.699044	0.995688	-1.00454	0.853679	0.974572	-1.02606	0.21367	0.74552	-1.34152	0.16258	0.0939588	-1.16295	0.231023	0.684574	-1.46076	0.305083	1.37852	1.37852	0.862786	1.24841	1.2862	1
cg09329516	SLC43A2	0.588027	0.187723	3.75605	3.75605	0.815365	0.801131	-1.24824	0.736112	0.725693	-1.37799	0.755103	0.743341	-1.34528	0.533156	0.549734	-1.81906	0.847886	1.19965	1.19965	0.213524	3.46132	3.46132	0.166322	4.0513	4.0513	0.57963	0.588381	-1.69958	0.862763	12.2781	12.6499	1
cg10539424	SYT8	0.588028	0.651624	0.720722	-1.46143	0.945357	0.681524	-1.1544	0.677434	0.518629	1.32839	1.32839	0.963238	0.918679	-1.08852	0.680231	1.47098	0.383027	5.22529	5.22529	0.663284	1.50708	1.50708	0.773955	0.536071	-1.86543	0.882761	0.914753	1.09365	1.09365	0.862763	46.2753	47.4768	1
cg21648823	ING5	0.588031	0.879154	0.94872	-1.05405	0.491523	1.27346	1.27346	0.691308	0.871018	-1.14808	0.868454	1.05903	1.05903	0.21776	0.638515	1.56613	0.979295	0.991061	-1.00902	0.545802	0.809354	-1.23555	0.462971	0.71524	1.71524	0.248055	1.51731	1.51731	0.862753	1.63574	1.6853	1
cg02143308	GLT25D2	0.588048	0.305311	0.634285	-1.57658	0.11422	0.476602	-2.08942	0.961138	0.979319	-1.02112	0.853636	1.08243	1.08243	0.963413	1.01987	1.01987	0.923551	0.95967	-1.04203	0.0841858	0.440689	-2.26917	0.953945	1.02508	1.02508	0.808569	0.901135	-1.10971	0.86273	2.53134	2.58955	1
cg14970569	NCRNA00086 KDM5A;KDM5A;KDM5A;CCDC77;CCDC	0.588054	?	?	?	?	0.928217	-1.08868	0.840703	1.24582	1.24582	0.718452	1.25872	1.25872	0.304004	1.39225	1.39225	0.223779	-4.4687	0.915845	1.15962	1.15962	0.705852	1.30437	1.30437	0.437436	0.513305	-1.94816	0.862845	9.68589	9.97825	1
cg11241164	7730MS4	0.588054	0.732099	0.92759	-1.07806	0.344665	1.23727	1.23727	0.736156	1.07678	1.07678	0.988119	1.00326	1.00326	0.498407	1.16236	1.16236	0.861989	1.0879	1.03879	0.102626	0.676611	-1.47795	0.244502	1.30515	1.30515	0.12599	1.15111	1.15111	0.86272	0.653746	0.673576	1
cg01772014	C20orf160	0.588056	0.118355	0.414054	-2.41515	0.191923	0.585407	-1.70821	0.416352	0.649208	-1.54034	0.757224	0.851072	-1.17499	0.21364	0.506103	-1.97588	0.238343	0.526084	-1.90084	0.156033	0.454188	-2.20173	0.346865	0.604256	-1.65493	0.701498	0.818494	-1.22176	0.862718	3.69542	3.80752	1
cg05653018	ELF3;ELF3	0.588057	0.150371	0.244099	-4.0967	0.378191	0.437334	-2.28658	0.674536	0.679544	-1.47157	0.540979	0.567732	-1.76139	0.095453	0.182726	-5.34742	0.346523	0.413102	-2.42717	0.157887	0.26818	-3.72884	0.374552	0.434431	-2.30186	0.577361	0.597538	-1.67354	0.862695	11.4324	11.7795	1
cg21762222	GLIPR1;GLIPR1	0.588078	0.067242	0.199284	-5.01454	0.155467	0.392253	-2.55033	0.155467	0.307706	0.862205	0.69255	0.44295	-2.25663	0.042207	0.563721	-1.77349	0.341743	0.081743	0.485559	0.964207	-1.04156	0.963731	1.03784	0.429353	0.48559	0.896457	1.1345	1.1345	0.862753	1.63574	1.6853	1
cg04603809	LOC440356;LOC440356;CDIPT	0.588081	0.384816	0.827482	-1.20849	0.858286	1.03857	1.03857	0.297068	1.25879	1.25879	0.978987	1.00562	1.00562	0.232774	0.765787	-1.30585	0.570041	0.885388	-1.12945	0.368718	1.21685	1.21685	0.837959	1.04432	1.04432	0.219676	1.31703	1.31703	0.868338	0.603482	0.540544	1
cg20850894	NPFF2;NPFF2;NPFF2	0.588081	0.808381	0.307799	-1.14837	0.749334	1.20025	1.20025	0.709749	1.23723	1.23723	0.676202	1.26818	1.26818	0.832379	1.12827	1.12827	0.962648	0.973687	-1.02702	0.942252	0.959588	-1.04211	0.0334646	0.242989	-4.11542	0.915528	0.941376	-1.06227	0.862786	4.43023	4.56426	1
cg23831021	ATP5C1;ATP5C1	0.588078	0.879053	0.959017	-1.0971	0.323621	0.588309	-1.70002	0.732582	0.758289	-1.31876	0.699044	0.995688	-1.00454	0.853679	0.974572	-1.02606	0.21367	0.74552	-1.34152	0.16258	0.0939588	-1.16295	0.231023	0.684574	-1.46076	0.305083	1.37852	1.37852	0.862786	1.24841	1.2862	1
cg09329516	SLC43A2	0.588027	0.187723	3.75605	3.75605	0.815365	0.801131	-1.24824	0.736112	0.725693	-1.37799	0.755103	0.743341	-1.34528	0.533156	0.549734	-1.81906	0.847886	1.19965	1.19965	0.213524	3.46132	3.46132	0.166322	4.0513	4.0513	0.57963	0.588381	-1.69958	0.862763	12.2781	12.6499	1
cg10539424	SYT8	0.588028	0.651624	0.720722	-1.46143	0.945357	0.681524	-1.1544	0.677434	0.518629	1.32839	1.32839	0.963238	0.918679	-1.08852	0.680231	1.47098	0.383027	5.22529	5.22529	0.663284	1.50708	1.50708	0.773955	0.536071	-1.86543	0.882761	0.914753	1.09365	1.09365	0.862763	46.2753	47.4768	1
cg21648823	ING5	0.588031	0.879154	0.94872	-1.05405	0.491523	1.27346	1.27346	0.691308	0.871018	-1.14808	0.868454	1.05903	1.05903	0.21776	0.638515	1.56613	0.979295	0.991061	-1.00902	0.545802	0.809354	-1.23555	0.462971	0.71524	1.71524	0.248055	1.51731	1.51731	0.862753	1.63574	1.6853	1
cg02143308	GLT25D2	0.588048	0.305311	0.634285	-1.57658	0.11422	0.476602	-2.08942	0.961138	0.979319	-1.02112	0.853636	1.08243	1.08243	0.963413	1.01987	1.01987	0.923551	0.95967	-1.04203	0.0841858	0.440689	-2.26917	0.953945	1.02508	1.02508	0.808569	0.901135	-1.10971	0.86273	2.53134	2.58955	1
cg14970569	NCRNA00086 KDM5A;KDM5A;KDM5A;CCDC77;CCDC	0.588054	?	?	?	?	0.928217	-1.08868	0.840703	1.24582	1.24582	0.718452	1.25872	1.25872	0.304004	1.39225	1.39225	0.223779	-4.4687	0.915845	1.15962	1.15962	0.705852	1.30437	1.30437	0.437436	0.513305	-1.94816	0.862845	9.68589	9.97825	1
cg11241164	7730MS4	0.588054	0.732099	0.92759	-1.07806	0.344665	1.23727	1.23727	0.736156	1.07678	1.07678	0.988119	1.00326	1.00326	0.498407	1.16236	1.16236	0.861989	1.0879	1.03879	0.102626	0.676611	-1.47795	0.244502	1.30515	1.30515	0.12599	1.15111	1.15111	0.86272	0.653746	0.673576	1
cg01772014	C20orf160	0.588056	0.118355	0.414054	-2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19870717	APC2		0.8870311	0.912052	-1.09535	0.770627	1.13798	1.13798	1.84743	1.846861	1.38548	1.385448	0.9311368	0.96263	0.038102	0.6181616	0.600753	-1.24882	0.5953384	0.789021	-1.26739	0.477129	1.37656	1.37656	0.0839205	2.3293	2.3293	0.8816686	2.66757	2.75179	1
cg14827198	ZEB2;ZEB2		0.8387231	0.261441	2.91175	0.550222	1.72193	1.72193	0.18929	3.55735	3.557735	0.348477	2.41301	2.413011	0.614788	0.62934	-1.58897	0.2639554	2.89408	2.894082	2.042021	3.05722	3.05722	0.8	3.57259	3.572593	0.432637	2.07673	0.8616373	11.3657	11.7247	1
cg05036937	ITGA2		0.5887235	0.9923392	1.00249	1.002449	0.4882272	0.8321159	-1.20175	0.2255881	0.7375529	-1.39367	0.46125	0.8221991	-1.21626	0.7662345	0.9251534	-1.08092	0.1030414	1.592288	1.592888	0.6501664	0.8876552	-1.12657	0.4785527	0.828567	-1.2069	0.5345933	0.8486808	-1.1784	0.8616655	0.9297728	0.9539113	1
cg13148126	NTN1		0.8587757	0.157472	2.263382	-3.79677	0.7728215	0.7745491	-1.29109	0.4750596	1.898444	1.898444	0.8111886	0.80959	-1.23519	0.91985	1.0929	1.0929	0.6710986	0.6859021	-1.45703	0.1728944	1.59782	1.597822	0.2978061	2.593932	2.59192	0.6211115	1.55229	1.55229	0.86162	10.6299	10.9663	1
cg05088549	ECE2;CAMKIN2		0.5887559	0.384623	0.84738	-1.18011	0.179728	1.30306	1.30306	0.4639431	1.14964	1.14964	0.6124417	0.9094511	-1.09156	0.6248446	1.09588	1.09588	0.4461339	1.1552	1.1552	0.3462646	0.8351011	-1.19746	0.592417	0.9044483	-1.1056	0.3429333	1.19904	1.19904	0.8616318	0.4709866	0.4858493	1
cg20116468	PTPRN2;PTPRN2-PTPRN2		0.5887769	0.4094499	0.8108415	-1.23333	0.5543668	1.166331	1.166331	0.787712	1.06941	1.06941	0.06263117	0.683353	-1.68353	0.9380697	1.02186	1.02186	0.955344	1.01402	1.01402	0.2168834	1.38137	1.38137	0.837934	1.05224	1.05224	0.5693944	1.15371	1.15371	0.8616602	0.8434487	0.8702	1
cg16218477	C7orf50;C7orf50;C7orf50		0.5888804	0.1085572	0.340717	-2.93499	0.5615598	0.6969665	-1.43479	0.777104	0.8398808	-1.19075	0.9932975	0.9948229	-1.0052	0.1930556	0.4285878	-2.3333	0.28624	0.506001	-1.97628	0.133485	0.3695506	-2.70632	0.46702	0.6342884	-1.57658	0.4949997	0.6529722	-1.53146	0.8615546	5.16278	5.32663	1
cg12935520	GABRG3		0.5888226	0.5019932	1.737952	0.5793512	0.591111	1.555347	1.555347	0.408899	1.98953	1.98953	0.311217	2.34776	2.34776	?	?	?	0.8775656	1.1337	1.1337	0.4566891	0.532954	-1.90854	0.1809955	0.4408758	-2.44656	0.2101007	2.932254	2.932254	0.8488444	7.929958	9.34161	1
cg09995953	APIP		0.5888227	0.852814	0.8700115	-1.14942	0.9390013	1.05905	1.05905	0.8297	1.650873	-1.17526	0.4603797	1.75677	1.75677	0.6339764	0.6979525	-1.43282	0.134783	3.34954	3.34954	0.668572	1.38115	0.0983057	1.89374	3.893974	0.8659944	0.88102	-1.13505	0.8615511	7.66065	7.93188	1
cg03550508	C22orf13;SNRPD3;SNRPD3		0.5888833	0.6445758	0.8889114	-1.12497	0.8887368	0.9651147	-1.03611	0.665251	0.8948822	-1.11747	0.4605513	1.2098	1.2098	0.4086443	1.23892	1.23892	0.150941	1.47725	1.47725	0.163362	1.45808	1.45808	0.5906601	0.8713385	-1.1476	0.37171	1.26175	1.26175	0.8615502	0.8767996	0.90467	1
cg19855193	FAM49A		0.5888843	0.8622003	0.8054019	-1.24172	0.4858525	1.1766	1.1766	0.2636509	1.165609	1.165607	0.1454406	1.14346	1.14346	0.1353109	0.8743756	-1.15056	0.2929934	1.89378	1.893778	0.2099142	2.82219	2.82219	0.5975441	1.380305	1.380305	1.293663	0.8615201	4.491858	4.65844	1
cg16098304	GALST2		0.5888843	0.4165533	0.544372	-1.83698	0.44058	1.7582	1.7582	0.48526	1.68093	1.68093	0.7443367	1.27078	1.27078	0.0662812	0.221221	-4.52036	0.65843	0.7219244	-1.38519	0.924418	1.07197	0.5687564	0.6557703	-1.52508	0.814663	1.18765	1.18765	0.8614585	7.31821	7.551	1
cg12229960	TNX8		0.5888885	0.7649227	0.9737233	-1.09025	0.1863291	1.49126	1.49126	0.362372	1.30964	1.30964	0.999904	0.9999965	-1.00003	0.7300987	0.9092028	-1.10494	0.8951911	1.03871	1.03871	0.1109652	1.62815	1.62815	0.9347035	0.7920302	-1.33209	0.8017769	1.075318	1.075318	0.8614474	1.13274	1.16879	1
cg20890989	MOGAT1		0.5888893	0.175161	0.2939573	-3.39474	0.20543	0.3222266	-3.10303	0.3040102	0.4056224	-2.46535	0.1995024	0.3169949	-3.15509	0.3083445	0.409114	-2.44431	0.67954	0.703204	-1.42206	0.1582842	0.2784552	-3.59128	0.2885955	0.3930446	-2.54423	0.5187842	0.5743282	-1.741	0.8614554	9.80326	10.1155	1
cg25150189	GML;GML		0.5888865	0.986976	0.9952224	-1.0048	0.711589	1.115157	1.115157	0.907223	0.9663357	-1.03481	0.520563	0.8259907	-1.21066	0.7982851	0.8961981	0.927723	-1.07791	0.2658181	0.641371	-1.41371	0.37778	0.7667151	-1.30427	0.20794	0.6772339	-1.47658	0.1879554	1.50615	1.50615	0.8614551	1.17554	1.21299	1
cg13823791	COPG3		0.5888869	0.41267	0.7497237	-1.23252	0.6134835	0.8809911	-1.15428	0.5983547	0.8608271	1.026571	0.4487833	0.8372279	-1.19545	0.4149555	1.2133	1.2133	0.6659886	1.05098	1.05098	0.2845082	1.274436	-1.29143	0.5372337	1.15469	-1.15469	0.1136468	0.6729288	-1.48993	0.8614445	0.729224	0.745233	1
cg07374121	PIK3CD		0.5888873	0.8460884	0.8501151	-1.17626	0.1382572	1.79295	1.79295	0.836098	0.841096	-1.18892	0.5104303	0.5725542	-1.7466	0.4280083	0.50873	-1.96568	0.9664	0.965425	-1.03581	0.721347	0.7441443	-1.34872	0.7272122	0.96621	0.811407	1.22101	1.22101	0.8614439	9.52001	9.82336	1
cg25626869	CBX7;B3		0.5888927	0.3154243	0.6297231	-1.59053	0.3215	0.956026	-1.04535	0.9650351	1.056	1.056	0.459129	0.7325955	-1.36501	0.5012281	0.7370717	-1.35682	0.1695009	0.515827	-1.93957	0.1532811	0.5052893	-1.97907	0.2729511	0.16787	-1.16787	0.1558811	0.5087227	-1.96801	0.8614428	2.72681	2.81374	1
cg19805033	FAM54A		0.5888980	0.8010351	1.1430249	-1.14203	0.307799	0.5718661	-1.74868	0.7401456	0.8386055	-1.19246	0.3345717	0.69396	-1.44096	0.2926017	0.4596257	-2.17455	0.8464681	0.9260117	-1.07989	0.7839571	0.8679517	-1.15218	0.2415599	1.91985	1.911283	0.5060818	2.350638	0.8614414	3.82675	3.94881	1
cg20727142	CNGA3;CNGA3		0.5888913	0.4680743	0.8344463	-1.19838	0.581283	1.14629	1.14629	0.431952	0.8215131	-1.21724	0.821124	1.05708	1.05708	0.0687941	0.607007	-1.64743	0.767822	0.930005	-1.07526	0.264137	0.75179	-1.33016	0.43055	0.8210019	-1.218	0.811637	1.06026	1.06026	0.8615376	0.8196414	0.845793	1
cg22507558	UNC5D		0.5888927	0.507649	1.5168	1.5168	0.1038303	1.119159	1.119159	0.354905	1.80495	1.80495	0.1804751	0.8549442	-1.16967	0.8020042	0.9204	1.0926	0.2482457	1.16096	1.16096	0.2	0.2408748	2.11126	2.111261	0.3749493	1.7847	1.7847	0.1944554	2.344917	2.344917	0.4463311	1.61792	1.617922	0.8615514	5.24106	5.40861	1
cg15086113	ONECUT3		0.5888942	0.492145	1.665021	1.665502	0.130796	3.2949	3.2949	0.935031	0.942159	-1.06139	0.9083351	0.9878782	1.08782	0.599039	0.6785594	-1.47364	0.993092	1.00635	1.00635	0.513811	0.6163887	-1.62236	0.6837044	0.741301	-1.34898	0.120749	3.42035	3.42035	0.8615331	7.2857	7.5186	1
cg08195521	NCRNA00182		0.5888945	0.167476	0.4822123	-2.07341	0.1883526	1.76084	1.76084	0.7702888	1.201801	1.2004	0.3966515	0.7018	0.7018	0.581239	0.7619	-1.31248	0.1803556	0.464222	-2.26029	0.1078443	0.3382431	-2.96035	0.1129377	0.2115175	-4.72715	0.1811799	-1.23183	0.8524439	1.132655	1.132655	0.8614609	4.42659	4.634253	1
cg16681031	RNF213		0.5888946	0.6217997	-1.18306	1.183306	0.5561131	0.8177	-1.22294	0.5595541	0.8191953	-1.22077	0.803881	0.88775	1.08775	0.8624486	0.9430474	1.06036	0.97068	1.0125	1.0125	0.0391548	2.24104	2.24104	0.923976	-1.03279	1.03279	0.9787072	0.9910166	-1.00907	0.8613244	1.559007	1.60897	1
cg10482924	TAF6L		0.5888954	0.109133	0.3039347	-3.23262	0.9215553	1.06839	1.06839	0.71121	1.2837	1.2837	0.78057	1.20629	1.20629	0.270898	0.215937	2.15937	0.5316018	0.7398268	0.5546144	0.5509297	0.4722826	0.5801179	-1.72361	0.4224448	1.733776	1.733776	0.8613132	6.15247	6.34945	1
cg10142668	SLC9A3R2;SLC9A3R2		0.5888956	0.3585842	0.4998	-2.00017	0.1254838	1.223304	1.223304	0.4540657	0.4418	0.4418	0.1939056	2.00452	2.00452	0.4836935	0.5577	-1.79321	0.5577362	0.640655	-1.56096	0.2440564	0.5055737	0.5401	-1.85161	0.1543416	0.3404946	2.216335	2.216335	0.8613002	0.722224	0.745233	1
cg19366958	SIRT5;SIRT5		0.5888964	0.9113359	1.01742	1.01742	0.4076576	0.876886	-1.1404	0.946696	0.989682	-1.01043	0.823128	1.03534	1.03534	0.708607	0.9434428	-1.05996	0.3441194	1.16433	1.16433	0.63365	0.932338	-1.07257	0.4812288	1.11743	1.11743	0.0658903	1.37726	1.37726	0.8612596	0.3282312	0.338747	1
cg19379505	CAS2;CAS2		0.5888971	0.78048	1.13571	1.13571	0.0729727	2.69592	2.69592	0.551568	1.13602	1.13602	0.6024048	0.8203	0.8203	0.3	0.2	?	0.7747976	0.846246	-1.18217	0.1702048	0.2	?	0.2	?	0.2	?

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1407 vs. N)	Fold-Change(1 vs.1407)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. 057 vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. 117 vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(3 47T vs. N)	Fold-Change(3 47T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	p-value(6 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg03001175	SLC6A17		0.508742	1.07571	1.07571	1.03130783	4.50427	4.50427	0.466889	1.56061	1.56061	0.8932255	1.08447	1.08447	0.739795	1.223	1.223		0.646269	1.32195	1.32195	0.28094	1.94134	1.94134	0.777479	1.18664	1.18664	0.879587	1.09588	0.89588	0.880214	4.96023	5.13547	1
cg05147244	TCF15		0.589722	0.750181	0.774896	-1.2905	0.264168	0.394877	-2.53243	0.983009	1.003	1.010715	1.034537	0.451778	-2.21348	0.318581	0.439129	-2.27723		0.711577	1.34513	1.34513	0.235657	0.709707	0.8945923	0.218079	-4.58549	0.601373	0.656508	-1.52321	0.860111	0.868233	8.972383	1
cg03839554	ACTL6A;ACTL6A;ACTL6A		0.589728	0.263257	4.12503	4.12503	7	7	7	0.575356	0.504411	-1.98251	7	7	7	0.95943	1.06334	1.06334		?	?	?	?	?	0.945606	1.08586	1.08586	0.234369	0.219607	-4.55358	0.788061	0.89399	17.5766	1
cg14884181	LOC389634		0.589771	0.265879	1.32004	1.32004	0.451698	0.821536	-1.21723	0.524055	0.847444	-1.18002	0.867586	0.845807	0.491777	-1.00026	0.292481	1.32313	1.32313	0.561486	1.16243	1.16243	0.427135	0.812314	-1.23105	0.609525	0.905353	-1.10454	0.860035	0.895286	0.925323	1
cg11628880	CLDN14;CLDN14;CLDN14;CLDN14		0.589773	0.536519	0.73385	-1.36268	0.674544	1.23221	1.23221	0.909229	0.945715	-1.05801	0.146675	0.766258	2.16018	2.16018	0.863283	0.918316	-1.08895	0.958577	0.973607	-1.02711	0.724375	0.83942	-1.1913	0.0888362	2.52932	2.52932	0.524288	1.37581	1.37581	0.803011	3.12967	3.44139	1
cg07288347	SNX29;RUNDC1A		0.589779	0.159378	0.749609	-1.33387	0.78897	1.05273	1.05273	0.656659	0.917861	-1.08949	0.490913	0.849992	1.53646	1.41664	0.722961	0.78245	-1.27804	0.170785	0.761145	-1.31381	0.697526	0.927098	-1.07769	0.139987	0.737711	-1.35554	0.603336	0.004453	-1.10564	0.860021	0.499883	0.516662	1
cg25472998	TFAP2A;TFAP2A;TFAP2A		0.589788	0.65558	1.18834	1.18834	0.963641	0.982626	-1.01768	0.133406	1.86315	1.86315	0.411519	1.38094	1.38094	0.729019	1.14302	1.14302		0.1277	0.530971	-1.88334	0.659989	0.843525	-1.1855	0.759248	1.12542	1.12542	0.983483	0.992075	-1.00799	0.860007	2.01234	2.07992	1
cg04529170	NR0.3;NR0.3		0.589792	0.60744	0.59247	-1.07988	0.742631	0.937183	-1.06703	0.038787	1.60116	1.60116	0.703024	0.927165	-1.07856	0.940528	0.985429	-1.01479		0.824064	1.0447	1.0447	0.615098	0.905075	-1.1048	0.674921	1.08652	1.08652	0.804673	1.04995	0.949995	0.860002	0.527137	0.544843	1
cg16097532	AHNAK2		0.589795	0.168505	0.761394	-1.31338	0.83581	1.03862	1.03862	0.504008	0.881647	-1.13424	0.611098	0.89596	1.11966	1.00996	0.792284	0.940143	-1.05358	0.532562	1.12461	1.12461	0.443213	1.1488	1.1488	0.861843	0.968157	-1.03281	0.121089	0.731773	-1.36654	0.859997	0.470096	0.485889	1
cg02772106	ABCD1		0.589796	0.13746	0.124719	-8.01805	0.937048	0.902313	-1.10826	0.628581	0.530299	-1.88573	0.990846	0.91504	1.01504	0.273313	0.226823	4.40872		0.125087	0.115272	-8.67514	0.297972	0.245611	-4.07148	0.307099	0.252614	-3.9586	0.316573	0.259915	-3.84741	0.859995	23.0656	23.8406	1
cg04534296	ANKRD29		0.589854	0.98237	1.01211	1.01211	0.98662	1.01211	1.01211	0.977759	1.02309	1.43534	0.963663	1.10931	1.10931	0.706435	0.874882	-1.14301		0.619586	0.83796	-1.19337	0.924361	0.949861	0.956206	-1.04722	0.807355	0.979021	-1.47946	0.306	0.687701	1.45412	0.859967	1.09959	1.75675	1
cg16883282	CDBA;CDBA		0.589818	0.994933	1.00112	1.00112	0.34849	0.843742	-1.1852	0.506179	0.888039	-1.12608	0.303913	0.829082	-1.20615	0.146046	0.759794	-1.31615		0.76471	0.948533	-1.05426	0.93883	0.98658	-1.0136	0.175719	1.28846	1.28846	0.965503	0.992416	-1.00764	0.850496	0.422046	0.436243	1
cg02252793	SLC44A4		0.589819	0.200797	0.497428	-2.0156	0.420194	1.5789	1.5789	0.940422	0.959394	-1.04232	0.391155	0.615629	-1.61943	0.237046	0.508239	-1.96776		0.262044	0.526012	-1.9011	0.383237	0.539214	-1.85558	0.312209	0.522975	-1.91214	0.811128	0.875668	-1.14199	0.859959	4.18892	4.32984	1
cg17892401	LSM5;LSM5;LSM5;LSM5		0.589821	0.310478	0.762319	-1.31179	0.612985	0.876423	-1.141	0.182478	0.659376	-1.51677	0.964607	0.978754	-1.02198	-1.4418	0.6606902	-1.72785	0.612018	0.645925	0.887246	-1.12708	0.352651	0.780876	-1.28061	0.693105	0.902515	-1.10802	0.832864	1.05617	1.05617	0.859958	0.910868	0.941511	1
cg25424556	USP51		0.589836	0.124388	0.355304	-2.81449	0.749975	1.21999	1.21999	0.760979	1.20895	1.20895	0.308304	1.94794	1.94794	0.967638	1.02555	1.02555		0.150802	0.383789	-2.6056	0.58811	0.712176	-1.40415	0.986386	0.989444	-1.01067	0.867652	0.901469	-1.1093	0.859932	5.26823	5.44563	1
cg00479208	TUBGCP6		0.589837	0.669473	0.853396	-1.17179	0.915473	1.27476	1.27476	0.574434	1.63087	1.63087	0.952274	1.02234	1.02234	0.832777	0.92491	-1.08119		0.912206	0.9601	-1.04156	0.21167	1.6254	1.6254	0.758034	0.892187	-1.12084	0.997367	0.998258	1.00122	0.85993	1.85627	1.91878	1
cg00817870	GNS;GNS		0.589839	0.167397	0.347398	-2.87854	0.873195	1.12159	1.12159	0.509299	0.618201	-1.6176	0.513713	0.621388	-1.6093	0.307022	0.21766	2.13766		0.430299	1.78309	1.78309	7	7	7	0.688348	0.748514	-1.33598	0.831204	5.28463	7.26605	1
cg05424582	CACNA1I;CACNA1I		0.589849	0.460205	0.647334	-1.5448	0.410651	1.42899	1.42899	0.323163	1.81905	1.81905	0.91492	0.966235	-1.05832	0.686882	0.930024	-1.07508		0.796783	1.16335	1.16335	0.395907	0.600648	-1.66483	0.545598	0.698639	-1.43135	0.829272	1.13498	1.13498	0.859912	4.68179	4.83949	1
cg15413269	ZFP42		0.589886	0.215188	0.29798	-3.48521	0.635189	1.57434	1.57434	0.623691	0.524406	-1.60135	0.514465	0.650846	-1.53646	0.416604	0.587518	-1.70208		0.305071	0.50411	-1.98369	0.154994	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1
cg03604067	MAD11L;MAD11L;MAD1L1		0.589874	0.885184	0.943704	-1.05965	0.709003	1.16222	1.16222	0.267087	0.628982	-1.58987	0.325554	0.665593	-1.50242	0.245309	0.614264	-1.62796		0.863094	0.933129	-1.07166	0.481511	1.3323	1.3323	0.175397	1.78222	1.78222	0.959115	0.979652	-1.02077	0.859874	2.19004	2.26394	1
cg24512216	TRIM26		0.589878	0.467468	1.60242	1.60242	0.173455	0.98662	-1.0139	0.870508	0.76103	-1.3139	0.637321	1.3958	1.3958	0.184753	0.405621	-2.46302		0.87596	1.10478	1.10478	0.834204	1.14306	1.14306	0.477405	0.704437	0.859867	0.954172	0.75376	1.02013	0.183791	0.406762	2.45484	0.859867	0.599557	0.572876	1
cg01074191	ZNF319		0.589888	0.755681	1.25878	1.25878	0.746463	1.27022	1.27022	0.530126	1.5983	1.5983	0.277939	1.29767	1.29767	0.219862	0.76629	-1.30414		0.112946	0.280242	-3.56834	0.345448	0.248048	-2.04717	0.649958	1.40056	1.40056	0.510534	0.611326	-1.63579	0.859864	7.40378	7.65369	1
cg05835632	RNF39;RNF39		0.589889	0.244925	0.38532	-2.59524	0.413305	0.915904	-1.09242	0.192663	0.707284	-1.41328	0.466618	0.801139	1.24825	0.533604	0.743263	-1.34567		0.293634	0.42769	-2.33845	0.381828	0.494722	-2.02032	0.370034	0.73876	-1.35362	0.959332	1.04079	1.04079	0.859863	8.3721	8.54247	1
cg22043361	ZBTB1;ZBTB25;ZBTB1		0.589884	0.526219	0.875565	-1.14212	0.234949	1.29381	1.29381	0.983003	1.00442	1.00442	0.346076	0.81809	-1.22236	0.726598	0.929938	1.07534		0.903491	1.02542	1.02542	0.151922	0.727881	-1.37385	0.248009	0.778883	-1.28389	0.438642	1.849202	-1.17758	0.859858	0.583079	0.607765	1
cg13483984	WDR26;WDR26		0.589891	0.545925	1.48299	1.48299	0.853338	1.12673	1.12673	0.629043	1.36871	1.36871	0.302055	1.9391	1.9391	0.597123	0.935557	1.07534		0.249518	2.12728	2.12728	0.186578	2.4665	2.4665	0.573206	1.44344	1.44344	0.64424	1.34963	1.34963	0.859847	0.56183	0.58306	1
cg13076502	STK3		0.589891	0.320471	1.61128	1.61128	0.672864	1.31778	1.31778	0.633033	0.725278	0.644953	1.06015	1.06015	0.964527	1.08252	1.02816	1.02816	0.720602	0.833077	0.93149	-1.0655	0.212107	1.53286	1.53286	0.605005	1.19335	1.19335	0.573763	0.891925	1.42059	1.67379	1
cg16712575	EPS8		0.589892	0.448191	1.1387	1.1387	0.817659	-1.03957	1.03957	0.369036	0.856392	-1.16769	0.237245	0.812155	-1.23129	0.582604	1.09776	1.09776		0.871302	0.973124	-1.02762	0.660467	1.07711	1.07711	0.207613	1.25017	1.25017	0.243721	1.22747	1.22747	0.859845	0.384519	0.397508	1
cg10081086	NFIA;NFIA		0.589894	0.579373	0.728635	-1.37243	0.518552	1.02562	1.02562	0.928353	1.02313	2.2267	0.238486	1.83492	1.83492	0.227859	1.11621	1.11621		0.985344	1.01759	1.01759	0.546264	0.914551	1.03383	0.801508	0.787267	-1.27022	0.859841	1.12782	12.693	1
cg13311292	RPTOR;RPTOR		0.589898	0.325071	0.701517	-1.42548	0.309871	1.44281	1.44281	0.53561	0.803445	-1.24464	0.299608	0.687321	-1.45492	0.265162	0.6669	1.49947		0.221008	0.683766	-1.56648	0.542417	0.806448	-1.24001	0.658934	0.856448	-1.16761	0.231767	0.645622	1.54689	0.859836	1.65735	1.71335	1
cg19922493	ATP5G3;ATP5G3		0.589902	0.626629	1.27246	1.27246	0.174532	2.03366	2.03366	0.820897	0.894537	-1.1179	0.228105	0.536994	-1.86222	0.220976	0.531327	-1.88208		0.426824	0.67114	-1.49	0.540088	0.737227	-1.35643	0.90749	0.944467	-1.0586	0.560736	0.748927	-1.33524	0.85983	3.28955	3.40072	1
cg22232952	ANGPTL6		0.589905	0.220306	0.73752	-1.35625	0.2	0.2	0.2	0.2	-1.49301	0.559432	1.78467	0.725082	1.37931	1.29502	0.772465	1.29502		0.640594	0.767265	1.30333	0.274021	0.608349	-1.6438	0.275794	0.608939	-1.6422	0.443373	1.40767	0.859808	0.26091	2.69509	2.78241	1
cg05473387	SCAP		0.589927	0.997812	1.00164	1.00164	0.463631	0.640044	-1.56239	0.420013	0.610893	-1.63695	0.95101	0.963914	-1.03744	0.610432	0.735399	-1.35981		0.113656	0.357138	-2.80004	0.388234	0.589207	-1.6972	0.211053	0.219958	0.755145	1.32059	1.20579	0.85979	0.487245	5.03735	1	
cg18595137	FBXL2		0.589933	0.07602	1.21752	1.59524	0.413305	0.915904	-1.09242	0.192663	0.707284	-1.41328	0.466618	0.801139	1.24825	0.533604	0.743263	-1.34567		0.568057	1.841	1.841	0.542969	0.859557	1.03383	0.801508	0.787267	-1.27022	0.859841	1.3962	1.3962	0.0408	0.128815	0.134885	1
cg19970204	BTBC;BTBC		0.589931	0.764403	0.8524	-1.17316	0.23871	0.519106	-1.92639	0.406266	1.57054	1.57054	0.425361	1.54113	1.54113	0.708766	0.819259	1.22062		0.324514	0.582404	-1.71702	0.240556	0.520566	-1.92098	0.362654	0.608281	-1.64398	0.52528	1.40778	1.40778	0.859784	3.84415	3.97428	1
cg17188046	T		0.589938	0.186742	0.49691	4.49691	0.751958	0.71134	-1.40579	0.787413	1.33741	1.33741	0.706704	0.666262	-1.5009	0.744918	0.704209	-1.42003		0.473574	0.457043	-2.18798	0.97349	0.970147	-1.03077	0.34151	0.42188	0.523385	1.82725	0.827255	0.873773	0.859823	15.7124	16.2445	1
cg03830475	TCF10;TCF10		0.589947	0.195047	0.184128	5.43171	0.782464	0.81778	-1.2226	0.476854	0.822158	0.82158	0.213552	0.732516	0.88152	0.20816	0.634572	1.57597		0.242522	0.424187	-2.35741	0.317007	0.421731	-2.3963	0.259753	0.971828	1.03579	0.859828	0.706723	1.41498	0.859759	0.97282	1.00486	1
cg02657292	ZC3HAV1; GMPR2;GMPR2;GMPR2;GMPR2		0.589963	0.936725	1.01585	1.01585	0.965725	0.991526	-1.00855	0.14639	1.36173	1.36173	0.746981	0.937904	-1.06621	0.810963	1.0486	1.0486		0.567946	0.891977	-1.1211	0.10062	0.700353	-1.42785	0.734981	0.934926	-1.0696	0.50665	0.875085	-1.14275	0.859735	0.534053	0.552163	1
cg09372778	2;NEDD8		0.589965	0.711175	0.940662	-1.05367	0.302344	0.860539	-1.16206	0.726205	0.951782	-1.05066	0.827877	1.03108	1.03108	0.622201	1.07231	1.07231		0.25968	1.17973	1.17973	0.199562	0.826533	-1.20987	0.783901	0.963051	-1.03837	0.233892	1.19175	1.19175	0.859732	0.269054	0.278179	1
cg09084085	KIAA1530		0.589978	0.931646	0.915838	-1.0919	0.172412	0.42959	0.42959	0.329105	2.80721	2.80721	0.646128	0.622645	-1.60605	0.115063	0.172742	-5.78898		0.64107	0.618064	-1.61795	0.944868	0.93639	-1.06793	0.958252	0.947767	-1.05511	0.814245	0.785685	-1.27278	0.859711	14.2996	14.7849	1
cg03135127	TRMT1;TRMT1;TRMT1;TRMT1		0.589979	0.175847	0.621908	-1.60796	0.474151	1.27345	1.27345	0.624858	1.1766	1.1766	0.904974	1.0402	1.0402	0.216381	1.53616	1.53616		0.767346	1.02195	1.02195	0.315747	1.40818	1.40818	0.348746	0.726698	-1.37609	0.932459	0.972416	-1.02837	0.859709	1.48272	1.53305	1
cg03318884	MEGF6		0.589994	0.628754	1.42896	-1.38975	0.2	0.2	0.2	0.2	1.54383	0.622091	1.42693	1.42693	0.584666	0.680554	1.49211	1.49211	0.625025	0.631319	1.58466	1.58466	0.633141	0.863311	-1.15808	0.883495	0.724877	0.836984	-1.19482	1.10417	1.10417	0.70427	0.824871	0.852182	6.42387	6.4295	1
cg21499175	HERV-FRD;LOC221710		0.590002	0.470785	0.63115	-1.58441	0.087606	0.127154	3.27154	0.239212	0.216659	2.16659	0.569495	0.143419	0.143419	0.723482	0.800245	-1.24962		0.514879	1.51325	1.51325	0.313141	1.02404	1.02404	0.977502	0.982467	-1.01785	0.885942	1.09421	1.09421	0.859673	5.35738	5.53944	1
cg20400169	PNPT1;PNPT1		0.590012	0.750936	1.66064	1.66064	0.504055	0.868372	-1.15158	0.624599	0.866095	-1.15463	0.602113	1.1159	1.1159	0.581683	0.749531	1.33451		0.69693	1.05021	1.05021	0.952408	0.942707	-1.06066	0.865918	0.910594	1.01594	0.985657	0.939609	0.859674	0.591708	1	
cg02538976	PTPN2;PTPN2;PTPRN2		0.590022	0.59756	1.12828	1.12828	0.680993	1.09817	1.09817	0.162304	1.40213	1.40213	0.643758	1.11127	1.11127	0.097468	1.51074	1.51074		0.382481	1.22496	1.22496	0.135449	1.43987	1.43987	0.963195	1.00959	1.00959	0.519042	1.45918	1.45918	0.859642	0.697721	0.722545	1
cg22892373	CDC27;CDC27 PPCS;ZMYND12;ZMYND12;PPCS;ZMYN		0.590035	0.653227	0.782089	-1.27863	0.761405	1.17999	1.17999	0.568474	1.36789	1.36789	0.66877	1.2732	1.2732	0.117318	0.396724	-2.52064		0.508418	0.69447	-1.43995	0.563065	0.727781	-1.37404	0.214625	2.03398	2.03398	0.514661	0.698302	-1.43205	0.859622	4.02127	4.15818	1
cg24056223	D12;ZMYND12		0.590049	0.848618	1.047	1.047	0.810525	0.943908	-1.05943	0.517222	0.854008	-1.17095	0.962255	1.00415	1.00415	0.12315	0.669373	-1.49393		0.489275	0.844658	-1.18391	0.381093	0.805799	-1.241	0.159493	1.43521	1.43521	0.093447	1.00047	0.8596	0.78642	0.813215	1	
cg15121291	STAC		0.590105	0.203112	0.736868	-1.37199	0.089315	0.970946	1.03992	0.502997	1.17369	1.17369	0.957855	1.01273	1.01273	0.930669	0.979727	-1.02065		0.91304	1.02629	1.02629	0.267003	0.761583	-1.31305	0.156729	1.4171	1.4171	0.577907	1.14111	1.14111	0.859598	0.750714	0.776295	1
cg13455623	DOK7;DOK7		0.590051	0.463903	1.2812	1.2812	0.39536	0.795368	1.09023	0.160659	1.32267	1.32267	0.749818	0.899118	-1.1122	0.266378	0.582273	-1.71659		0.797453	1.08925	1.08925	0.693012	1.84625	1.84625	0.152766	0.805873	1.24088	0.678135	1.1488	1.1488	0.859596	1.50415	1.55541	1
cg23022313	PC;PC;PC		0.590054	0.412923	0.52685	-1.89807	0.737006	1.29418	1.29418	0.86348	0.876557	-1.14083	0.721387	0.760234	-1.31539	0.056716	0.192077	-5.20624		0.235311	0.385881	-2.59147	0.350511	0.547122	-1.82745	0.144442	0.527486	-1.89493	0.955993	0.977903	1.02702	0.859593	1.48272	1.53305	1
cg25788719	HSPA12B		0.590054	0.111444	2.9902	2.9902	0.120824	0.777778	1.28571	0.129032	0.705882	1.41696	0.138456	0.705882	1.41696	0.138456	0.854877	1.17052		0.705988	1.33977	1.33977	0.161752	0.742997	1.34596	0.136477	0.732597	1.36481	0.24191	1.16795	1.16795	0.859592	1.51377	1.51497	1
cg03894033	KLHL22		0.590057	0.1389	1.53047	1.53047	0.232863	0.715901	-1.39684	0.630068	0.878401	-1.13843	0.735067	1.09498	1.09498	0.780427	1.07752	1.07752		0.922969	1.02618	1.02618	0.351034	1.29231	1.29231	0.804424	1.06853	1.06853	0.321497	0.76061	-1.31473	0.859587	0.971702	1.00483	1
cg04985396	NEGR1		0.590066	0.414996	0.880865	-1.13565	0.809658	1.03199	1.03199	0.649934	0.942125	-1.06143	0.554611	1.0811	1.0811	0.919455	1.01455	1.01455		0.458628	0.909228	-1.10348	0.888368	0.931185	-1.01845	0.108659	1.32648	1.32648	0.207771	1.18924	1.18924	0.859511	0.219753	0.229674	1
cg26021706	IGSF3;GSF3		0.590115	0.0955316	0.232188	-4.30685	0.755535	1.27832	1.27832	0.748168	0.776262	-1.28822	0.262979	0.51675	0.51675	0.94704	0.772913	1.29381		0.327925	2.2198	2.2198	0.802641	0.821312	-1.21756	0.859342	0.860868	-1.1496	0.636379	0.687529	-1.45448	0.85982	2.84204	2.94886	1
cg15124432	CDC34		0.590122	0.857308	0.934393	-1.07021	0.269514	0.607444	-1.64624	0.782276	1.12761	1.12761	0.113704	0.474211	-2.10877	0.972809	1.01489	1.01489		0.817983	1.1051	1.1051	0.957093	0.976945	-1.0236	0.225137	1.73725	1.73725	0.489792	1.35546	1.35546	0.859486	2.55835	2.64587	1
cg25244980	CACNA1I;CACNA1I GPER;C7orf50;GPER;C7orf50;C7orf50;C7orf50;G		0.590142	0.358364	1.44252	1.44252	0.947837	1.07171	1.07171	0.572102	1.55807	1.55807	0.580311	0.805215	-1.24157	0.572102	0.58007	-1.72402		0.165544	1.27485	1.27485	0.126516	0.779631	-1.28266	0.779631	1.14622	1.14622	0.206681	0.657231	-1.52154	0.859455	0.214824	0.231839	1
cg03980715	PER		0.590143	0.34344	0.803992	-1.24379	0.707487	0.91919	-1.08791	0.929156	0.980319	-1.02008	0.32938	0.798506	-1.25234	0.540808	0.870749	-1.14844		0.57561	1.14377	1.14377	0.0946179	1.50785	1.50785	0.757994	1.07153	1.07153	0.619111	1.11854	1.11854	0.859453	0.680162	0.703457	1
cg26320696	PARVA CSF1;CSF1;CSF1;CSF1;CSF1;CSF1;CSF1;C		0.590183	0.383962	0.82131	-1.21757	0.209608	1.33856	1.33856	0.160132	1.39226	1.39226	0.768472	0.936979	-1.06726	0.548944	0.874826	-1.14308		0.642928	0.902171	1.10844	0.53204	0.860727	-1.14979	0.443195	0.841641	-1.18815	0.783958	1.06248	1.06248	0.859391	0.661843	0.68456	1
cg23089438	SF1		0.590191	0.554695	0.792614	-1.26165	0.680809	0.85139	-1.17455	0.893111	0.949053	-1.05368	0.462657	0.747662	-1.3375	0.386629	0.708088	-1.41225		0.232575	1.62728	1.62728	0.431928	1.36612	1.36612	0.816024	1.09489	1.09489	0.14532	1.83721	1.83721	0.859378	2.05914	2.12985	1
cg21144714	RPS14;RPS14;RPS14 ADAM15;ADAM15;ADAM15;ADAM15;		0.590206	0.0946757	0.262702	-3.8066	0.931798	1.06427	1.06427	0.413874	1.83654	1.83654	0.579822	0.665661	-1.50227	0.233805	0.403177	-2.4803		0.541689	0.6379	-1.56764	0.755703	1.25499	1.25499	0.519687	1.60796	1.60796	0.993956	0.994502	-1.00553	0.859355	7.20811	7.45584	1
cg15694180	ADAM15;ADAM15		0.590221	0.41231	0.610985	-1.6367	0.305695	0.535631	-1.86696	0.322906	1.8236	1.8236	0.726525	1.22841	1.22841	0.54213	0.696297	-1.43617		0.126213	0.37508	-2.6661	0.964881	0.97713	-1.02401	0.621416	0.621436	-1.60918	0.384548	0.592138	-1.68879	0.864866	4.59704	4.13414	1
cg15815115	CSDAP1		0.590227	0.665058	0.895577	-1.1166	0.909988	0.971772	-1.02905	0.633271	1.12942	1.12942	0.766463	0.927362	-1.07833	0.132358	0.662868	-1.5086		0.81475	0.942305	-1.06123	0.808814	1.0633	1.0633	0.116991	1.53904	1.53904	0.546943	1.16688	1.16688	0.859321	0.827459	0.902479	1
cg16685054	ZNF343		0.590245	0.08275	0.368237	2.71539	0.101039	0.547548	-1.82683	0.083148	0.424216	2.35845	0.154415	0.751264	-1.33097	0.385356	0.524307	-1.90768		0.817403	1.12777	1.12777	0.756185	1.16771	1.16771	0.463243	0.678286	-1.4743	0.118163	0.585084	-1.70916	0.859293	1.67876	1.80546	1
cg19784449	WASF2		0.590249

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4773 vs. N)	Fold-Change(3477 vs. 4773 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 5377 vs. N)	p-value(5377 vs. 5377 vs. N)	Fold-Change(5377 vs. 3773 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 6377 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg16779049	KCNE1;KCNE1;KCNE1;KCNE1	0.590716	0.146344	0.537399	-1.86083	1.893665	0.948129	-1.05471	0.735456	1.14461	1.14461	0.803771	0.905602	-1.10424	0.308089	0.656928	-1.52224	0.249449	0.619151	-1.63152	0.339258	0.675501	-1.48038	0.507065	1.30745	1.30745	0.458109	1.3511	1.3511	0.858558	2.15697	2.23317	1
cg22018329	GNA11	0.590718	0.974577	1.03324	1.03324	2.05951	1.34382	1.34382	0.120553	1.62897	1.62897	0.598737	0.579882	-1.72449	0.274805	0.311605	-3.2092	0.804645	0.775445	-1.28958	0.685119	0.658132	-1.51945	0.985222	1.01919	1.01919	0.480923	0.479398	-2.08595	0.858555	14.3201	14.826	1
cg05687930	ENAH;ENAH;ENAH;ENAH	0.590752	0.963877	0.990936	-1.00915	0.665065	0.916148	-1.09153	0.823856	1.04584	1.04584	0.167258	0.743784	-1.34448	0.502637	1.14658	1.14658	0.201491	1.131154	1.131154	0.193019	0.758075	-1.31913	0.961199	0.990266	-1.00983	0.844209	0.961214	-1.04035	0.858502	0.549648	0.569102	1
cg25023215	MTA1	0.590769	0.469543	1.4492	1.4492	0.199864	1.97952	1.97952	0.095363	2.51908	2.51908	0.52573	1.38295	1.38295	0.400248	0.647798	-1.54371	0.734501	1.18718	1.18718	0.606366	1.29964	1.29964	0.371953	1.5876	1.5876	0.45208	1.47152	1.47152	0.858475	3.45698	3.57945	1
cg22433398	RPL21;RPL21P28	0.590781	0.34477	0.907809	-1.10155	0.719764	0.964825	-1.03646	0.628566	0.952706	-1.04964	0.649652	1.0465	1.0465	0.849494	1.01906	1.01906	0.269036	0.891891	-1.12121	0.101214	0.836523	-1.19528	0.228367	0.881914	-1.1339	0.665765	1.04114	1.04114	0.858452	0.134312	0.139074	1
cg22953407	GRM6	0.590789	0.361208	0.784602	-1.27453	0.95186	1.01573	1.01573	0.66347	0.893015	-1.1198	0.684728	0.899877	-1.11116	0.129122	0.654543	-1.52778	0.382912	0.793539	-1.26018	0.222563	1.39274	1.39274	0.336242	0.773943	-1.29209	0.580356	0.865608	-1.15526	0.858444	0.908124	0.940331	1
cg06677021	SERINC5	0.59079	0.841515	0.915787	-1.09196	0.848153	0.915962	-1.09175	0.943359	0.96926	-1.03171	0.943136	0.969141	-1.03184	0.723368	0.855419	-1.16902	0.203924	1.80249	1.80249	0.173956	1.8881	1.8881	0.110804	2.14564	2.14564	0.822789	0.906137	-1.10359	0.858443	2.62507	2.71817	1
cg17252528	C1QTNF2	0.590803	0.98238	1.01842	1.01842	0.990746	0.999765	-1.00024	0.183529	0.369152	-3.11224	0.353823	0.204731	-2.04731	0.447623	1.86294	1.86294	0.828095	0.849302	-1.17744	0.430472	1.8302	1.8302	0.441564	1.80391	1.80391	0.23985	2.5258	2.5258	0.858422	7.67007	7.94229	1
cg12405785	HLX	0.590849	0.816483	0.884614	-1.13044	0.572345	0.916901	-1.62101	0.702349	1.32405	-1.32104	0.389335	-2.58441	0.252185	0.403156	-2.2456	2.2456	0.43495	0.656956	-1.52217	?	0.70145	-1.42591	0.816151	-1.22526	0.911886	0.943289	-1.06312	0.845687	1.3317	1.35198	1
cg04925841	SOX5	0.590812	0.66353	0.939624	-1.06426	0.526141	1.09569	1.09569	0.901037	1.01786	1.01786	0.847067	1.02785	1.02785	0.667068	0.940287	-1.06351	0.527656	0.912981	-1.09531	0.103526	0.776233	-1.28827	0.476126	1.10858	1.10858	0.229515	1.19648	1.19648	0.858409	0.275174	0.284945	1
cg14479037	MORC4;MORC4	0.590815	0.20098	2.088604	-1.47899	0.070267	0.135168	2.703004	-1.3155	0.910037	0.901244	-1.10958	0.240752	3.095122	0.049145	3.4768	3.4768	0.300872	0.379315	2.68086	0.078754	1.02485	0.975	1.02564	1.07188	0.824863	0.912526	1.09577	1.22626	0.858404	11.505	11.9136	1
cg20094435	RGS2;RGS2	0.590825	0.312187	1.19488	0.529526	1.14557	1.11457	0.353136	1.17669	0.088447	1.37494	1.37494	0.515752	1.11876	1.11876	0.913252	0.981613	-1.01873	0.326944	0.841688	-1.18809	0.657492	1.07895	1.07895	0.52038	1.11735	1.11735	0.858387	0.394273	0.408283	1
cg25201381	HEG1	0.590825	0.670484	0.869507	-1.15008	0.397237	0.753366	-1.32778	0.227595	0.663132	1.51256	0.41972	1.30911	1.30911	0.465184	0.784402	-1.27486	0.099068	0.553905	1.80536	0.561895	0.826537	-1.21119	0.619568	1.17763	1.17763	0.682931	0.874438	-1.14359	0.858387	1.45107	1.50263	1
cg07938763	GNG7	0.590827	0.658347	0.694665	-1.43954	0.207866	0.96585	1.03585	0.172743	1.28024	1.28024	0.721275	0.748252	-1.3408	0.189354	0.53039	-1.88564	0.981984	0.981684	-1.01866	0.734008	1.3221	1.3221	0.704657	0.728159	-1.36582	0.706929	0.73402	-1.36282	0.858384	9.11156	9.43535	1
cg08016929	CBLN3	0.590833	0.61296	0.750589	-1.33229	0.21249	0.2029	2.0929	0.107777	2.71044	2.71044	0.59034	0.741382	-1.34883	0.593075	0.738321	-1.35442	0.559064	1.34768	1.34768	0.85283	0.899173	-1.11213	0.807157	0.871724	-1.14715	0.487352	0.67242	-1.48717	0.858376	4.3004	4.45327	1
cg04274199	PCBP3;PCBP3	0.590836	0.880012	0.951269	-1.05123	0.903466	1.33813	1.33813	0.762566	0.904564	-1.10555	0.161179	0.611161	-1.64111	0.548175	0.837791	-1.22281	0.593015	0.836728	-1.19562	0.265724	1.46803	1.46803	0.689363	1.14226	1.14226	0.270959	0.684271	-1.46141	0.858371	1.48973	1.54269	1
cg20997320	PCNT	0.590838	0.130426	0.385981	-2.5908	0.44223	0.633402	-1.57878	0.999431	0.999585	-1.00042	0.550465	0.703235	-1.422	0.135301	0.391319	-2.55546	0.51105	0.678075	-1.47476	0.885366	0.919363	-1.08771	0.990868	0.993352	-1.00669	0.134601	0.39056	-2.56043	0.858368	4.61757	4.78175	1
cg23997339	BCL9	0.590858	0.433331	0.770733	-1.29743	0.539746	1.2241	1.2241	0.964688	0.985842	-1.01453	0.508107	0.803582	-1.24443	0.317796	0.714387	-1.3998	0.777907	0.912011	-1.09643	0.094517	0.949574	-1.81959	0.180095	0.628975	-1.58988	0.405643	0.75797	-1.31981	0.858337	1.44215	1.49348	1
cg18120331	NR2G2;NR2G2;NR2G2	0.590861	0.594541	1.090542	-1.09207	0.916951	1.33813	1.33813	0.762566	0.904564	-1.10555	0.161179	0.611161	-1.64111	0.548175	0.837791	-1.22281	0.859333	0.868256	-1.15178	0.664519	0.9234	-1.08295	0.872855	1.02968	1.02968	0.131504	1.3463	1.3463	0.858331	0.453451	0.469594	1
cg10308265	UBTF;UBTF;UBTF MYADM;MYADM;MYADM;MYADM;M	0.590864	0.823828	1.14643	1.14643	0.233117	2.15168	2.15168	0.248419	2.09483	2.09483	0.499023	1.52288	1.52288	0.129424	0.366362	-2.72954	0.855823	0.894518	-1.11792	0.879205	1.09769	1.09769	0.846069	0.887699	-1.12651	0.608074	0.728318	-1.37303	0.858326	5.10629	5.28811	1
cg18444210	YADM NFKBIL1;ATP6V1G2;ATP6V1G2;NFKBIL1 ;NFKBIL1;ATP6V1G2;NFKBIL1;ATP6V1G	0.590868	0.805289	1.04812	1.04812	0.163302	0.753425	-1.32727	0.260815	0.799985	-1.25002	0.980624	0.99539	-1.00463	0.224576	1.27474	1.27474	0.800776	0.953025	-1.04929	0.548369	0.89086	-1.11251	0.402264	0.854972	-1.16963	0.343086	0.830391	-1.20425	0.858321	0.492215	0.509745	1
cg06230055	2	0.590877	0.884506	0.958299	-1.04352	0.508318	0.821478	-1.21732	0.784431	0.922788	-1.08367	0.516129	0.824532	-1.21281	0.576475	1.17982	1.17982	0.449856	1.25114	1.25114	0.0749622	0.559247	-1.78812	0.585186	1.1753	1.1753	0.496241	1.12441	1.12441	0.858307	0.167441	1.20901	1
cg07392460	DHX57;MORN2	0.590878	0.720425	1.08578	1.08578	0.327441	1.12545	1.12545	0.799293	1.00597	1.00597	0.228451	0.58304	-1.71515	0.279353	0.510884	-1.95864	0.957009	0.975206	-1.02524	0.107887	1.21598	1.21598	0.273513	1.62639	1.62639	0.431887	1.40832	1.40832	0.858305	2.47628	2.56451	1
cg18306406	SYNGR2	0.590879	0.670395	0.819853	-1.21973	0.38189	1.516	1.516	0.781999	0.879239	-1.13735	0.429451	0.687829	-1.45385	0.0882946	0.417881	-2.39302	0.835426	0.907996	-1.10133	0.26367	0.5824	-1.71703	0.52749	1.34584	1.34584	0.631041	0.798912	-1.2517	0.858304	2.92611	3.03038	1
cg19149693	ZBTB20;ZBTB20	0.590882	0.187486	0.837543	-1.19436	0.58069	0.656951	-1.52218	0.803494	1.18553	1.18553	0.721261	0.367997	-2.72904	0.0158934	0.188988	-5.29167	0.144754	0.342214	-2.92115	0.247529	0.439998	-2.27274	0.503589	0.633918	-1.57788	0.153385	0.95496	0.883	0.858303	0.623466	0.647389	1
cg18398438	C2CD3	0.590884	0.623253	1.21625	1.21625	0.828429	0.18961	-1.08961	0.129765	1.91009	1.91009	0.180818	0.106605	1.09569	0.107591	0.891278	-1.12198	0.193574	1.72278	1.72278	0.092573	0.207897	0.785568	1.11386	1.11386	1.13186	1.13186	0.731226	1.14607	1.14607	0.858295	2.12524	2.20099	1
cg24454374	LPP;FLJ42393	0.590891	0.944195	1.01819	1.01819	0.984592	0.995039	-1.00499	0.773469	0.928371	-1.07716	0.0336859	0.527923	-1.89421	0.861733	0.956098	-1.04592	0.78672	1.07234	1.07234	0.753635	0.922118	-1.08446	0.570286	1.1592	1.1592	0.661862	0.892854	-1.12	0.858286	0.901517	0.933662	1
cg11909340	ADAM32;ADAMTS2	0.590893	0.942054	0.987952	-1.01373	0.881121	0.881277	-1.13487	0.728177	1.08587	-1.12037	0.459131	0.845013	-1.18346	0.0445004	0.550167	-1.81542	0.888009	1.04299	1.04299	0.844644	1.46844	1.46844	0.443896	1.47302	1.47302	0.245439	1.27.2031	1.27.2031	0.858283	2.07439	2.14835	1
cg07945221	MSLN;MSLN	0.590899	0.135309	1.30978	1.30978	0.110549	1.33843	1.33843	0.931741	1.01446	1.01446	0.689756	0.934947	-1.06958	0.996984	1.00063	1.00063	0.236426	1.23117	1.23117	0.572112	1.1043	1.1043	0.787244	0.955664	-1.04639	0.633864	1.08376	1.08376	0.858273	0.38199	0.395616	1
cg10726892	PLEKHH1	0.590915	0.117041	0.700927	-1.42668	0.906384	1.02486	1.02486	0.708869	0.924706	-1.08142	0.252063	0.779022	-1.28366	0.928216	1.01898	1.01898	0.470649	0.857984	-1.16552	0.276449	1.26651	1.26651	0.708842	0.924699	-1.08143	0.338815	0.813279	-1.22959	0.858247	0.592091	0.613231	1
cg02386604	GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL SYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;	0.590921	0.502277	0.60729	-1.64666	0.13939	3.20632	3.20632	0.508928	1.6336	1.6336	0.677569	0.736192	-1.35834	0.453368	0.571505	-1.74977	0.348258	0.492952	-2.02859	0.958571	0.962665	-1.03878	0.710118	1.31453	1.31453	0.262319	0.424821	-2.35393	0.858238	7.29253	7.55297	1
cg26369667	YAP1;YAP1	0.590927	0.45311	0.511727	-1.95417	0.398678	2.13281	2.13281	0.168547	3.61872	3.61872	0.424011	0.488823	-2.04573	0.400166	2.12749	2.12749	0.472817	1.89662	1.89662	0.203002	3.24793	3.24793	0.944537	1.06289	1.06289	0.887279	0.88309	-1.13239	0.858229	10.4445	10.8177	1
cg05476483	B3GNT6	0.590929	0.357782	0.807603	-1.23839	0.625139	1.25539	1.25539	0.780394	0.800239	-1.11082	0.824018	1.34291	1.34291	0.301315	0.56057	-1.78501	0.224805	0.598551	-1.66949	0.732383	0.867944	-1.15214	0.607993	1.22298	1.22298	0.858226	1.23388	1.23388	0.858226	1.22298	1.23388	1
cg07720143	USP22	0.590936	0.875699	0.963693	-1.03767	0.413333	0.820713	-1.21845	0.356978	0.79946	-1.25084	0.335511	1.26444	1.26444	0.227324	0.741243	-1.34909	0.869055	1.03975	1.03975	0.305534	0.77829	-1.28487	0.298487	1.28995	1.28995	0.534472	0.861888	-1.16024	0.858214	0.758652	0.785769	1
cg23443158	EMD;EMD	0.590936	0.149366	0.160449	-6.2325	0.772003	0.709022	-1.41039	0.53152	0.474081	-2.10935	0.239303	4.29949	4.29949	0.798923	1.35273	1.35273	0.171207	0.17829	-5.60885	0.6951	0.623736	-1.59394	0.718335	1.51525	1.51525	0.988706	1.01689	1.01689	0.858214	19.0404	19.7209	1
cg20707764	MTA3	0.590937	?	0.963268	1.03768	0.758008	0.965951	-1.03568	0.562128	0.830574	1.20432	?	?	1.83022	?	?	?	0.553268	0.562428	-1.77801	0.690124	0.633268	-1.57911	0.109454	1.28735	-7.76787	0.664289	1.6454	1.6454	0.822129	10.7041	11.02	1
cg02199174	TMEM98;TMEM98	0.590951	0.9559	0.98996	-1.01014	0.434745	0.864658	-1.15653	0.380202	0.848532	-1.17851	0.934445	0.985101	-1.01512	0.236724	1.25384	1.25384	0.339828	0.835687	-1.19662	0.712384	0.934668	-1.0699	0.64419	1.08856	1.08856	0.163044	1.32127	1.32127	0.858192	0.452527	0.468714	1
cg26281728	AKAP13;AKAP13;AKAP13;AKAP13	0.590953	0.960792	1.01865	1.01865	0.914224	0.806587	-1.24059	0.58202	0.807447	-1.23842	0.58202	1.04869	1.04869	0.766198	0.95964	-1.04214	0.733484	0.902902	-1.1074	0.648942	0.74008	1.35134	1.45693	1.08784	1.45549	1.45549	1.0407767	1.32662	1.45549	1.0407767	1.32662	1.45549	1.0407767	1.32662

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 117 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. 127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 121 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 63T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	f(Test	S5(Test)	S5(Error)	f(Error)
cg00309950	GFRA4;GFRA4	0.591648	0.679516	1.12063	1.12063	1.757508	0.9186	-1.08861	0.8648183	0.566364	-1.76565	0.4463512	0.807343	-1.23878	0.970863	-1.01006	0.01006	0.497868	1.20763	1.20763	0.361068	1.39356	1.39356	0.8793312	1.04254	1.04254	0.857712	0.951991	-1.05043	0.857105	1.02023	1.05806	1
cg04352962	IRF6 TMED7;TMED7-TICAM2;TMED7-TICAM2	0.59165	0.525817	1.7823	1.7823	0.497625	1.85708	1.85708	0.704355	1.40876	1.40876	0.876582	1.14994	1.14994	0.636329	0.651692	1.53447	0.501547	1.84634	1.84634	0.327395	2.48153	0.307724	2.58357	2.58357	0.0522282	1.727856	1.727856	0.857102	1.907404	1.907404	1.31773	1
cg00645922	TICAM2	0.591653	0.615068	1.15942	1.15942	0.46453	0.80479	-1.24256	0.583008	0.850652	-1.17557	0.201269	1.48251	1.48251	0.666943	1.13463	1.13463	0.509134	1.21577	1.21577	0.283479	0.722461	-1.38416	0.610574	0.86085	-1.16164	0.2390331	0.607862	-1.43295	0.857097	1.15535	1.1982	1
cg09030672	HSF4;HSF4L;HSF4B	0.591657	0.354773	1.22731	1.22731	0.813206	0.950346	-1.05225	0.246173	1.298816	1.28816	0.182078	0.737324	-1.35636	0.286186	0.787961	-1.2691	0.671973	0.912434	-1.09597	0.523306	0.870076	-1.14933	0.582882	1.12674	1.12674	0.9097195	1.01853	1.018153	0.857089	0.62839	0.651704	1
cg18347238	VPS4A	0.591667	0.403801	0.833105	-1.20033	0.58533	1.12498	1.12498	0.0985335	1.47289	1.47289	0.594381	0.891476	-1.12174	0.753459	0.8066	-1.23969	0.578851	0.88706	-1.12732	0.967089	0.99122	-1.00886	0.239999	0.768771	-1.30078	0.9112122	0.97644	-1.02413	0.857075	0.620329	0.643148	1
cg06197360	CABLES2	0.591679	0.724845	0.787919	-1.26917	0.0853222	3.60727	3.60727	0.172668	2.66144	2.66144	0.919214	1.07082	1.07082	0.54481	0.661416	-1.51191	0.515288	0.640841	-1.56045	0.888723	1.09903	1.09903	0.873814	1.11315	1.11315	0.8794334	0.902689	-1.1078	0.8570556	6.17485	6.4042	1
cg14940698	CTDP1;CTDP1	0.591692	0.853223	0.949562	-1.05378	0.6468375	1.91243	1.91243	0.0618401	1.28002	1.28002	0.53893	1.1924	1.1924	0.495305	1.21635	1.21635	0.873432	1.0465	1.0465	0.326956	1.31918	1.31918	0.690109	1.12004	1.12004	0.9900323	1.00354	1.00354	0.8570335	1.08605	1.12641	1
cg02325955	FOXN3;FOXN3	0.591694	0.647152	1.1598	1.1598	0.385916	1.70775	1.70775	0.396476	1.68675	1.68675	0.312094	0.539439	-1.85378	0.132657	0.576469	-2.65626	0.859266	0.8986552	-1.11278	0.599737	0.727003	-1.37551	0.396962	0.59319	-1.6858	0.660554	1.22243	1.22243	0.857033	4.9206	5.1035	1
cg16646892	SF3B5	0.591696	0.417538	0.727358	-1.37484	0.76331	0.890433	-1.12305	0.615234	1.21498	1.21498	0.673708	1.17672	1.17672	0.893431	0.949803	-1.05285	0.566216	1.24958	1.24958	0.342595	0.545762	-1.8323	0.365132	1.42983	1.42983	0.2232044	1.63744	1.63744	0.857029	2.00402	2.07852	1
cg26308942	GUK1;GUK1	0.591723	0.791287	1.11956	1.11956	0.5356	1.1811	1.1811	0.278009	1.64633	1.64633	0.258835	1.68112	1.68112	0.656435	0.970499	-1.03057	0.100868	0.452001	-2.21239	0.048759	1.02881	1.02881	0.946993	1.10917	1.10917	0.9258267	1.04201	1.04201	0.8569887	2.65099	2.74968	1
cg16713727	SLC25A34	0.591727	0.621651	0.847273	-1.18026	0.281009	0.682854	-1.45253	0.121631	0.571716	-1.74912	0.864833	0.937603	-1.06555	0.11763	0.567638	-1.76153	0.957056	0.982219	-1.0181	0.483729	1.26759	1.26759	0.760498	0.903156	-1.10723	0.955701	0.981663	-1.01888	0.856981	1.50653	1.56262	1
cg14447608	LAMC3	0.591728	0.334644	1.41801	1.41801	0.21575	1.57981	1.57981	0.293622	0.682241	-1.46536	0.621742	1.19658	1.19658	0.209976	0.626216	-1.59729	0.66838	0.809625	-1.1633	0.87718	0.947164	-1.05578	0.6642	0.85786	-1.16569	0.582291	0.822846	-1.21529	0.85698	1.57215	1.73441	1
cg09307104	DLG3	0.591734	0.124282	0.0461995	-2.16455	0.4697971	0.2570104	0.148084	0.837762	0.684699	-1.4605	0.282319	0.87765	0.87765	0.742133	0.840643	1.84043	0.189975	0.0769529	-12.995	0.6911	0.208143	0.208143	0.882569	0.763038	-1.31399	0.992538	0.982872	-1.01747	0.85697	46.3249	48.0504	1
cg04001668	GPR56;GPR56	0.591736	0.742638	1.20445	1.20445	0.203554	2.3133	2.3133	0.0870509	2.90605	2.90605	0.73601	2.2105	2.2105	0.150561	1.40446	1.40446	0.360617	1.69994	1.69994	0.920434	1.05803	1.05803	0.498839	0.678676	-1.47346	0.618513	0.753206	-1.32766	0.856967	4.32598	4.48712	1
cg05130312	UC2B8467	0.591737	0.228863	1.98779	2.98779	0.949722	0.94681	1.06618	0.913231	0.930258	1.07439	0.215764	0.354248	2.822358	0.192858	0.928059	-1.30187	0.251752	2.82296	2.82296	0.462316	0.70841	-1.41161	0.918667	0.915275	-1.09257	0.937638	1.07018	1.070118	0.856965	10.1963	10.5762	1
cg25274750	HIPK2;HIPK2	0.591743	0.662331	1.42623	1.42623	0.934676	1.08848	1.08848	0.474431	0.55558	-1.79992	0.200894	2.97857	2.97857	0.996945	1.0031	1.0031	0.869031	1.14263	1.14263	0.337943	2.22139	2.22139	0.0945806	4.4132	4.4132	0.315665	2.3123	2.3123	0.856956	8.86003	9.19018	1
cg25206777	SPOCK2	0.591754	0.76827	1.8025681	-1.2461	0.422945	1.81562	1.81562	0.995944	0.996229	-1.00179	0.863019	0.879371	-1.13718	0.408635	0.539063	-1.87595	0.202844	0.367602	-2.72033	0.144872	0.31171	-3.2077	0.207318	0.367126	-2.72386	0.422656	0.543456	-1.84008	0.856939	7.52057	7.80096	1
cg28604961	LIG4;ABHD13;LIG4	0.591757	0.7808	1.2804535	1.15549	0.908896	1.06105	1.06105	0.805807	0.877074	-1.14015	0.594493	0.756385	1.32208	0.329441	1.68467	1.68467	0.305653	1.72627	1.72627	0.411796	0.64734	-1.54578	0.172402	2.48704	2.48704	0.457031	1.48069	1.48069	0.856934	3.64947	3.78062	1
cg26717590	CDL22A1	0.591763	0.0721011	0.518903	-1.92714	0.1992265	0.641947	-1.55776	0.569812	0.828855	-1.20648	0.337426	0.723832	-1.38154	0.929377	0.971446	-1.02939	0.701949	0.881914	-1.1339	0.861276	1.05883	1.05883	0.533198	1.22907	1.22907	0.8000035	0.920398	-1.08649	0.856924	1.44949	1.50356	1
cg10177032	ADCY9	0.591773	0.085319	1.10524	-1.04398	0.873682	0.831749	-1.20229	0.523397	0.472924	-2.1145	0.459255	0.417894	-2.39281	0.3068	0.293744	-3.40432	0.37954	1.352113	-1.83999	0.16079	0.176055	-5.68006	0.613337	0.154325	-1.804	0.217946	0.222988	-4.48455	0.856909	18.1955	18.8746	1
cg10124254	STIM1	0.591773	0.470195	1.39821	1.39821	0.459799	1.40969	1.40969	0.0412635	2.9275	2.9275	0.955163	1.02598	1.02598	0.535835	0.776779	-1.28737	0.825652	0.904245	-1.1059	0.931183	1.04019	1.04019	0.928746	0.960015	-1.04165	0.650085	1.23166	1.23166	0.856909	2.82504	2.93047	1
cg06625677	KDM4B	0.591777	0.922215	0.88898	1.08898	0.479323	2.59505	2.59505	0.0178245	1.94624	1.94624	0.499288	1.81357	1.81357	0.295851	1.54654	1.54654	0.403003	1.38018	1.38018	0.481803	0.87822	-1.13867	0.943254	0.99758	-1.00242	0.998558	1.00388	1.003883	0.856907	1.02748	1.05	1
cg04776516	SNX25	0.591778	0.501185	0.876445	-1.14097	0.6514477	0.665635	-1.50233	0.168287	0.753054	-1.32793	0.30473	0.81439	-1.22791	0.569334	0.894854	1.1175	0.429689	0.855795	-1.1685	0.337064	0.825974	-1.21069	0.580199	0.8977	-1.11396	0.466887	0.866741	-1.15375	0.856901	0.506431	0.525336	1
cg10141481	BEST4	0.591786	0.236561	0.325783	-3.06953	0.725992	0.727465	-1.37464	0.663647	0.673208	-1.48543	0.217959	0.309757	-3.22834	0.136674	0.234584	-4.26287	0.159976	0.257255	-3.88719	0.336422	0.408075	-2.45053	0.328466	0.325684	-3.07046	0.460951	0.507235	-1.97147	0.856889	11.0983	11.5128	1
cg10820904	PRKCI	0.591793	0.3063731	0.5840802	-1.71258	0.5905956	1.09955	1.09955	0.233161	1.536961	1.68233	0.550384	0.940504	1.063731	0.942693	1.063731	1.06373	0.192462	0.53089	-1.88356	0.242504	0.529626	0.782867	-1.27756	0.755136	-1.32426	0.6633389	0.949622	-1.05359	0.856903	3.43733	3.56574	1
cg14491102	TAPBP;TAPBP;TAPBP	0.591801	0.226612	0.554018	-1.805	0.76366	0.86912	-1.15059	0.475574	1.40142	1.40142	0.952233	1.02826	1.02826	0.568674	1.30734	1.30734	0.468637	0.709643	-1.40916	0.271434	0.587091	-1.70331	0.114896	0.450457	-2.21997	0.919549	0.954091	-1.04812	0.856865	2.93657	3.04632	1
cg19991079	FAM169A	0.591807	0.647751	1.2041	1.2041	0.847082	1.18162	1.18162	0.995964	0.996229	-1.00179	0.863019	0.879371	-1.13718	0.408635	0.539063	-1.87595	0.202844	0.367602	-2.72033	0.144872	0.31171	-3.2077	0.207318	0.367126	-2.72386	0.422656	0.543456	-1.84008	0.856939	7.52057	7.80096	1
cg04716580	INPP5A	0.591808	0.309068	0.685609	-1.45856	0.713905	1.14114	1.14114	0.544018	1.24632	1.24632	0.871224	0.943491	-1.05989	0.992957	1.00317	1.00317	0.869253	1.06085	1.06085	0.813003	1.99944	1.99944	0.411667	1.35118	1.35118	0.442353	1.755133	1.32427	0.856855	1.74464	1.80986	1
cg21341170	TMEM47;TMEM47	0.591813	0.100168	0.0120278	-83.1404	0.96128	0.889178	-1.12463	0.907476	0.754788	-1.32487	0.320392	12.1409	12.1409	0.295227	14.0272	14.0272	0.538602	0.221081	-4.52122	0.873784	1.46914	1.46914	0.543829	4.43397	4.43397	0.858528	1.53995	1.53995	0.862259	78.2571	70.5897	1
cg06535443	CYP4A11	0.591822	0.479641	1.13886	1.13886	0.5107	0.928412	-1.07691	0.15047	0.488788	-2.45249	0.273178	1.94158	1.94158	0.514795	1.61048	1.61048	0.728533	1.22532	1.22532	0.816092	1.44661	1.44661	0.690547	2.63943	2.63943	0.379834	1.1784	1.1784	0.856813	4.57092	4.76984	1
cg12423473	SQRDL	0.591823	0.235558	0.443477	-2.25491	0.656862	2.64116	-6.09474	0.412191	0.577857	-1.73053	0.729281	1.25514	1.25514	0.53279	0.661504	-1.51171	0.499708	0.638182	-1.56541	0.67403	0.761293	-1.31355	0.50474	0.639339	-1.56412	0.82199	1.15881	1.158881	0.856831	9.58504	6.02316	1
cg19613400	BMP8B	0.591848	0.4922215	0.88898	1.08898	0.479323	2.59505	2.59505	0.0178245	1.94624	1.94624	0.499288	1.81357	1.81357	0.295851	1.54654	1.54654	0.403003	1.38018	1.38018	0.481803	0.87822	-1.13867	0.943254	0.99758	-1.00242	0.998558	1.00388	1.003883	0.856907	1.02748	1.05	1
cg04688845	BSG;BSG;BSG	0.591865	0.261129	1.77167	1.77167	0.194922	1.95244	1.95244	0.733815	1.18125	1.18125	0.263397	1.7666	1.7666	0.865565	0.9206337	1.0862	0.806034	0.886869	-1.12756	0.15534	2.10019	2.10019	0.222827	1.86851	1.86851	0.421607	1.49277	1.49277	0.856766	2.3216	3.35276	1
cg09134969	AGRN	0.591869	0.855436	0.936971	-1.06742	0.908656	1.03994	1.03994	0.832474	0.930275	-1.07495	0.803014	1.08902	1.08902	0.33422	1.40469	1.40469	0.292368	1.4517	1.4517	0.044838	2.16962	2.16962	0.66266	1.16157	1.16157	0.624368	1.1834	1.1834	0.85676	1.5797	1.63894	1
cg14806252	NAUS3	0.591874	0.574003	1.0407	1.0407	0.872285	0.79232	-1.25578	0.885979	1.08378	1.08378	0.280613	1.90095	1.90095	0.392206	0.729131	-1.37153	0.631148	1.12664	1.12664	0.610529	1.66339	1.66339	0.583027	1.39257	1.39257	0.991559	1.00473	1.004751	-1.46256	4.80534	4.98252	1
cg14278057	HCCA2	0.591875	0.828905	1.06451	1.06451	0.530967	1.2012	1.2012	0.396269	0.778083	-1.28521	0.137284	1.58771	1.58771	0.186598	1.4984	1.4984	0.981315	1.00679	1.00679	0.264356	1.39939	1.39939	0.334688	1.33293	1.33293	0.869612	1.0486	1.0486	0.85675	1.13208	1.17454	1
cg14634152	TOP2RS	0.591888	0.160581	0.0	0.0	0.751127	2.3202	2.3202	0.454586	0.559634	-1.78688	0.6148	1.46999	1.46999	0.488343	1.70764	1.70764	?	?	?	?	?	?	?	0.95977	1.04183	0.8134475	0.577931	0.52969	-0.88345	0.577931	0.52969	0.638189	1
cg15257078	AKR1B15 FAM122B;FAM122B-FAM122B;FAM122 B-FAM122B	0.591889	0.204578	0.332533	-3.00722	0.242151	0.365376	-2.73691	0.124141	0.254248	-3.93316	0.440841	1.9088	1.9088	0.992745	0.99255	-1.00751	0.611368	1.52418	1.52418	0.98566	1.01489	1.01489	0.71671	0.741031	-1.34947	0.634274	0.674244	-1.48314	0.856728	1.78852	9.52307	1
cg04889508	BJFAM122C;FAM122B	0.591901	0.208087	0.336801	-2.96911	0.272497	0.392001	-2.55102	0.990483	1.00983	1.00983	0.524698	1.69648	1.69648	0.788406	0.802068	-1.24678	0.0745177	0.196107	-5.09927	0.935403	0.935696	-1.06872	0.980127	1.02063	1.02063	0.7274429	0.750579	-1.33231	0.85671	9.12197	9.46461	1
cg13384867	PAK4;PAK4;PAK4;PAK4;PAK4	0.591904	0.417747	1.47444	1.47444	0.065142	2.64031	2.64031	0.412734	1.48138	1.48138	0.972088	0.983682	-1.01659	0.536161	0.745478	-1.34142	0.915703	1.0509	1.0509	0.396552	1.5024	1.5024	0.633188	0.798165	-1.25287	0.806068	0.888100	-1.12599	0.856705	2.98298	3.09504	1
cg06869532	XAB2;LOC100131801;LOC100131801	0.591907	0.2202241	1.0	1.0	0.5	1.18227	1.18227	0.244237	1.17481	1.17481	0.201303	1.26993	1.26993	?	?	?	?	?	?	?	?	?	?	0.477567	1.53674	1.538574	0.808556	2.24775	2.79726	1
cg16404689	C1orf156;C1orf112	0.591911	0.712064	0.918006	-1.08932	0.667827	1.10476	1.10476	0.248186	1.32126	1.32126	0.948305	0.985148	-1.01508	0.730352	1.08312	1.08312	0.206516	1.35998	1.35998	0.0684344	1.60122	1.60122	0.563796	1.14416	1.14416	0.50314	1.16977	1.16977	0.856694	0.722583	0.749738	1
cg19506937	APC2	0.591914	0.122142	0.709315	-1.40948	0.45245	0.752983	-1.32805	0.174255	0.442634	-2.25888	0.146626	0.454835	2.196826	0.283204	0.454835	2.196826	0.341008	0.629795	1.58783	0.372555	0.340408	0.629795	1.58783	0.628073	-1.59172	0.562776	0.30414	0.497988	0.856687	24.3845	25.3011	1
cg01219065	ESD	0.591924	0.198538	0.736082	-1.35856	0.651113	0.440537	0.924432	0.10812	0.609165	1.21512	1.21512	0.106026	0.675389	1.48	0.66487	1.50398	0.143403	0.827444	-1.20854	0.189069	0.731215	1.36759	0.602215	0.888172	-1.12591	0.970402	1.0084	1.0084	0.856675	0.689995	0.715941	1
cg20883194	ANO6;ANO6;ANO6;ANO6	0.591929	0.84845	0.956767	-1.04519	0.167272	0.711709	-1.40507	0.557842	1.14673	1.14673	0.611281	1.1257	1.1257	0.902041	1.02885	1.02885	0.82594	1.0522	1.0522	0.739153	1.08025	1.08025	0.242289	0.753744	-1.32671	0.147084	0.698064	-1.43253	0.856666	0.72405	0.751285	1
cg26529261	FNDC3B;FNDC3B	0.591933	?	?	?	?	?	?	0.153894	1.5189	1.5189	0.671379	1.57831	1.57831	0.187281	1.44315	1.44315	0.923341	1.1031	1.1031	0.206099	1.23312	1.23312	0.286453	0.680097	-1.47035	0.0	-1.54433	0.9731368	0.49758	-2.00983	0.497583	0.49758	-2.00983	0.856662	1.42909	0.538386	11.472	11.7655	1
cg25237542	SLITRK4	0.591954	0.262268	0.230154	-4.34491	0.823248	0.7451	-1.32466	0.931686	0.897852	-1.11377	0.216938	0.54193	1.51759	0.514795	0.249406	4.53971	0.543971	0.243392	2.014134	-4.66998	0.682641	0.596528	-1.67637	0.859599	0.800508	-1.24921	0.614526	1.89305	0.856627	21.4275	22.2345	1
cg25147642	C5orf47;C5orf47	0.591956	0.959015	0.959015	-1.04268	0.496365	0.564967	-1.77092	0.385436	0.478885	-2.08818	0.77703	1.26483	1.26483	0.179805	0.807631	-1.63704	0.879565	1.1956	1.1956	0.113368	0.709281	1.41036	1.11368	0.709281	-1.40988	0.325973	0.432051	-2.31454	0.856623	9.2896	9.62951	1
cg27055236	ZNF778	0.591958	0.461462	1.08564	1.08564	0.5	0.285402	-3.50382	0.233853	0.708983	-1.41057	0.552887	1.53293	1.53293	0.654141	0.649547	-1.53972	0.382167	0.52848	-1.89222	0.423675	0.459057	-2.17863	0.609256	0.609721	-1.64036	0.6845654	1.12703	1.127053	0.85662	6.80944	7.12821	1
cg08965527	HSDL1;LRRC50;HSDL1	0.591959	0.53658	0.894577	-1.11785	0.796631	0.955066	-1.04705	0.307376	0.828527	-1.20696	0.25506	1.23558	1.23558	0.552595	0.893667	-1.11899	0.187506	0.779838	-1.28232	0.81066	0.958173	-1.04365	0.551187	1.11331	1.11331	0.3610303	1.18195	1.18195	0.856617	0.429957	0.446155	1
cg20.7728449	CTNNBL1	0.592003	0.07626502	1.29364	1.29364	0.274285	1.24805	1.24805	0.845627	0.808014	-1.07757	0.10782	2.4894	2.4894	0.0155555	1.70847	1.70847	0.94413	1.0055	1.0055	0.14068	1.09095	1.09095	0.942381	1.10059	1.10059	0.922681	1.05168	1.05168	0.856615	1.79314	1.79314	1
cg16814416	TCTEX1D4	0.592012	0.976391	0.980511	-1.01988	0.263898	0.460906	-2.16964	0.760623	1.22536	1.22536	0.955325	0.963425	-1.03796	0.0906228	0.289395	-3.45549	0.225149	0.428573	-2.33333	0.69184	0.767233	-1.30338	0.587479	1.43951	1.43951	0.382483	0.551189	-1.81426	0.856536	6.00075	6.22741	1
cg07026560	PHKG1	0.592015	0.709097	0.844489	-1.18433	0.0449097	2.80154	2.80154	0.675844	2.0409	2.0409	0.830791	1.10051	1.10051	0.605737	0.792122	-1.26243	?	?	?	?	1.40512	1.40512	0.486611	1.37214	1.37214	0.929896	0.959218	-1.04252	0.856516	2.7173	2.82001	1
cg23208590	CARD10	0.592028	0.181783	0.887111	-1.12725	0.567737	1.08017	1.08017	0.943952	1.00943	1.00943	0.517681	1.09153	1.09153	0.788327	1.03659	1.03659	0.69268	1.05448	1.05448	0.57223	1.7081	1.7081	0.69251	0.942465	-1.06105	0.6529203	1.34146	1.34146	0.856511	0.241807	0.251041	1
cg03322971	NEURL4;NEURL4	0.592033	0.612914	0.91041	-1.09841	0.186301	0.772768	-1.29405	0.801196	0.954642	-1.04751	0.381974	1.17935	1.17935	0.457737	0.870121	-1.14927	0.607207	1.1001	1.1001	0.162543	1.31561	1.31561	0.602116	1.10161	1.10161	0.721426	1.06809	1.06809	0.856508	0.459158	0.476517	1
cg12541120	MCC;MCC;MCC	0.592034	0.376937	1.44982	1.44982	0.131131	1.64042	1.64042	0.0977862	1.20475	1.20475	0.17078	1.62529	1.62529	0.0655445	1.36864	1.36864	0.243615	1.73131	1.73131	0.0470995	1.55452	1.55452	0.192792	1.3666	1.3666	0.0906095	1.25564	1.25564	0.85772	1.59873	1.65703	0.53183	0.9301	1
cg06398166	GMPPB;GMPPB	0.592053	0.83659	1.05845	1.05845	0.320323	1.32639	1.32639	0.465727	1.22654	1.22654	0.59422	1.1594	1.1594	0.386924	1.27628	1.27628	0.482107	0.821586	-1.21716	0.116575	0.625608	-1.59844	0.798509	0.932055	-1.0729	0.52552	1.19358	1.19358	0.856473	1.02632	1.06516	1
cg27440283	PUS1;ACAP3	0.592065	0.2999997	1.0	1.0	0.5	1.14154	1.14154	0.29813	1.10114	1.10114	0.648904	0.910489	1.098	0.179377	1.338	1.338	0.953398	1.05115	1.05115	0.902769	0.991819	-1.00825	0.870966	1.03358	1.13158	0.792717	1.05451	1.05451	0.856708	0.618102	0.657168	1
cg16471110	ATP9B	0.592089	0.649786	0.893733	-1.1189	0.789245	0.936278	-1.06806	0.465965	1.20003	1.20003	0.595551	0.876633	-1.14073	0.0487072	0.575039	-1.73901	0.653465	0.894878	-1.11747	0.922961	1.02406	1.02406	0.588306	1.14376	1.14376	0.538925	0.858219	1.1652	0.856416	0.819313	0.850379	1
cg09300348	CCDC22	0.592107	0.366125	0.469228	-2.13116	0.575482	1.58577	1.58577	0.958566	1.04325	1.04325	0.104029	4.25648	4.25648	0.63231	0.675131	-1.48119	0.44049	0.526734	-1.89849	0.644992	0.685183	-1.45946	0.702032	0.731062	-1.36787	0.306562	0.422045	-2.36942	0.856389	9.00745	9.34929	1
cg24863802	NSDHL;NSDHL;NSDHL;CETN2	0.592121	0.106489	1.19564	1.19564	0.675803	0.90584	-1.10429	0.276271	0.826454	-1.20984	0.162775	1.45589	1.45589	0.469918	1.26102	1.26102	0.173783	1.26476	1.26476	0.469135	0.984557	1.05583	1.05583	0.849381	1.35902	-2.56638	0.777935	1.70709	-1.41425	0.856366	20.2722	21.0421	1
cg13361749	NRTN	0.592122	0.832815	0.865649	-1.1552	0.593534	1.44439	1.44439	0.452293	0.592965	-1.68644	0.958223	1.0364	1.0364	0.0438534	0.205756	-4.86014	0.988275	0.990021	-1.01008	0.439384	0.583766	-1.71302	0.407173	0.560622	-1.78373	0.804249	0.844092	-1.18471	0.856365	6.31807	6.55801	1
cg20288621	C11orf95	0.592123	0.714521	1.0911	1.0911	0.377536	1.482941	1.482941	0.17749	0.645599	1.07765	0.133221	1.2989	1.2989	0.0941573	0.101056	-9.89616	0.829496	1.10566	1.10566	0.0156424	1.22124	1

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. 347 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 37 vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error)
cg26426633	GALNT9;GALNT9		0.592566	0.254842	0.618772	-1.57304	0.664876	1.18066	0.18066	1.18066	0.863953	0.936742	-1.06753	0.323931	1.47683	0.749192	0.884952	-1.139	0.884952	-1.139	0.884952	-1.139	0.96502	-1.03525	0.971776	0.98661	-1.01357	0.855674	1.96762	2.044	
cg20002523	CYB5R;MRPL37		0.592566	0.224684	0.694541	-1.4398	0.438621	1.25331	0.25331	1.25331	0.41351	1.26989	1.26989	0.65689	0.880049	-1.1363	0.637638	0.872747	-1.14581		0.500615	1.21579	-1.21579	0.134858	0.851988	-1.17373	0.855673	1.107	1.14997	1
cg16408394	RXRA		0.592568	0.424985	0.702684	-1.42312	0.0997189	0.457794	-2.18439	0.0874543	0.4417713	-2.26392	0.441203	0.711675	-1.40513	0.663237	0.827163	-1.20895	0.583478	0.785751	-1.27267	0.333967	0.649488	-1.53967	0.379867	0.676969	-1.47717	0.799542	0.895653	-1.1165	0.855671	2.54183	2.64051	1
cg20384735	GNPAT;C1orf131;C1orf131		0.592581	0.243624	1.20617	1.20617	0.221136	1.2185	1.2185	1.2185	0.0953789	1.32514	1.32514	0.770748	0.945912	0.254113	1.20079	1.20079	0.807078	1.02134	1.02134	0.960201	1.00773	1.00773	0.698245	0.943896	-1.06169	0.904052	0.981641	-1.0187	0.85565	0.319934	0.332363	1
cg19930654	PALLD;PALLD;PALLD;PALLD		0.592584	0.278301	0.743949	-1.34418	0.316431	0.762047	-1.31226	0.106199	0.629448	-1.58869	0.854476	1.04935	1.04935	0.90952	0.970613	-1.03028	0.867781	1.04669	1.04669	0.322821	1.30421	0.322381	0.806525	-1.23989	0.884733	0.962655	-1.03879	0.855645	0.932886	0.969131	1
cg04235146	ATP2A2;ATP2A2;ATP2A2		0.592591	0.845311	1.0523	1.0523	0.310266	1.31521	1.31521	1.31521	0.41096	1.24535	1.24535	0.617523	1.14041	1.14041	0.493536	1.19897	1.19897	0.784496	1.07416	1.07416	0.18482	1.71	0.608133	0.617625	0.876013	-1.14036	0.883039	0.96231	-1.03917	0.855627	0.922925	0.958803	1
cg19863040	MAD1L1;MAD1L1;MAD1L1		0.592596	0.200706	0.710654	-1.40715	0.415929	0.810469	-1.23385	0.278565	0.752203	-1.32943	0.954887	1.0144	1.0144	0.160815	0.684833	-1.46021	0.883397	1.03779	1.03779	0.60765	0.877318	-1.13984	0.147905	0.675476	-1.48044	0.313986	0.768602	-1.30106	0.855627	0.865591	0.88924	1
cg25323112	MSX2		0.592602	0.378141	0.51939	-1.94897	0.0433285	0.215538	4.6402	0.0433285	0.872453	1.56762	1.56762	0.853413	0.872453	-1.14625	0.762057	1.25133	1.25133	1.25133	0.554397	1.55508	1.55508	0.062325	1.54521	1.04521	0.513971	1.63171	0.744976	0.785955	-1.27234	0.855617	7.37971	7.66668	1
cg26639312	C13orf36;C13orf36		0.592605	0.363429	1.21251	1.21251	0.0419396	1.62193	1.62193	1.62193	0.246736	1.23339	1.23339	0.591973	0.8529	1.0589	0.750079	1.06815	1.06815	0.625126	1.10693	1.10693	0.791608	0.946835	-1.05615	0.82335	1.04721	1.04721	0.419221	1.18563	1.18563	0.576733	0.599162	1
cg14972564	EEF5EC		0.592618	0.830251	0.895266	-1.11699	0.888333	0.930158	-1.07509	0.120527	0.419889	-2.38158	0.579925	0.749682	-1.3339	0.0844654	0.374002	-2.67378	0.764937	0.856821	-1.16711	0.63744	1.27715	1.27715	0.643219	1.27173	1.27173	0.831597	0.896066	-1.11599	0.855593	3.59852	3.73856	1
cg20137826	CASZ1;CASZ1		0.592622	0.259312	0.758262	-1.31849	0.0180018	0.0314677	-3.17824	0.0180018	0.0314677	-3.17824	0.0314677	0.780398	-1.2814	0.0338185	0.840464	-1.19005	0.840464	-1.19005	0.840464	-1.19005	0.881281	1.13459	0.571196	0.840507	-1.19004	0.925824	0.978535	-1.02215	0.855589	0.947726	0.778006	1
cg07649562	OPCML;OPCML		0.592624	0.204236	0.755676	-1.32332	0.662201	1.09627	0.09627	1.09627	0.460549	1.16631	1.16631	0.434898	0.846551	-1.18126	0.340525	0.814337	-1.22799	0.682098	0.91701	-1.0905	0.299123	0.798504	-1.25234	0.944167	1.01475	1.01475	0.270026	1.27144	1.27144	0.855582	0.59243	0.615492	1
cg21949907	CCDC51		0.592633	0.511844	1.39799	1.39799	0.302789	0.760409	1.11129	1.11129	0.470489	1.34453	0.579699	0.744752	1.25319	1.25319	0.213661	1.9296	1.9296	0.654403	0.735335	1.35992	0.972293	0.844703	-1.18793	0.941003	0.672573	-1.48683	0.848912	0.699203	-1.4302	0.855568	2.2055	2.29139	1
cg05762760	BTG3;BTG3		0.592645	0.340251	0.702691	-1.4231	0.22846	0.635224	-1.57425	0.721744	1.13698	-1.13698	0.654397	0.850642	-1.17558	0.96438	1.03616	1.03616	0.75342	0.893033	-1.11978	0.0526286	0.453407	-2.20553	0.605079	0.82948	-1.20557	0.950334	0.97996	-1.02045	0.85555	1.74633	1.83438	1
cg26865478	AURKAIP1		0.592652	0.563092	0.767241	-1.30337	0.698237	0.838143	-1.19311	0.413058	0.684732	-1.46119	0.867187	0.926951	-1.07881	0.297347	0.612847	-1.63173	0.378568	0.664032	-1.50595	0.230282	0.565302	-1.76897	0.943466	1.01268	1.01268	0.059443	0.374813	-2.66799	0.855544	2.78304	2.89152	1
cg20972193	ARVCF		0.592656	0.157132	0.550955	-1.30607	0.439731	0.841826	-1.18789	0.55152	1.1122	1.1122	0.458831	1.19242	1.19242	0.489208	0.883337	-1.13202	0.742455	1.05994	1.05994	0.223869	1.25305	1.25305	0.812912	0.94274	1.04274	0.824332	1.04001	1.05553	0.922266	0.438729	1
cg21533256	KLF12;KLF12		0.592658	0.236587	0.740768	-1.34995	0.142618	1.46422	1.46422	0.646311	1.11829	1.11829	0.568648	0.869872	-1.14959	0.731955	1.08675	1.08675	0.768239	1.07412	1.07412	0.438244	1.21084	1.21084	0.569558	1.14921	1.14921	0.362825	0.797474	-1.25396	0.855531	0.793313	0.824246	1
cg10356601	ZNF34		0.592663	0.15683	2.40794	2.40794	0.432678	0.650394	-1.53762	0.80238	1.14424	1.14424	0.883756	0.98178	1.02092	1.02092	0.492395	0.68754	-1.45446		0.599459	1.32942	1.32942	0.605564	1.32292	1.32292	0.144888	2.31934	2.31934	0.816871	1.13274	1.13274	0.855522	3.95193	4.08245	1
cg27280904	OLIG1;OLIG1		0.592666	0.306316	0.820119	1.218	0.891415	0.974888	-1.02576	0.264761	1.24175	1.24175	0.554798	0.834728	1.04129	1.04129	0.117666	0.635507	0.923722	1.08493	1.08493	0.336089	1.20284	1.20284	0.174312	1.30875	1.30875	0.0705	0.469764	0.448088	1
cg15904908	TTBK2		0.592676	0.379498	2.11951	2.11951	0.406285	2.02969	2.02969	0.164696	3.43875	3.43875	0.565167	1.62333	1.62333	0.482331	0.55158	-1.81297	0.427115	1.96521	1.96521	0.271382	2.59622	2.59622	?	?	0.24769	2.73739	2.73739	0.842721	8.23646	9.77365	1
cg02602007	C6orf124		0.592677	0.106729	0.482272	-2.07352	0.972427	0.985701	-1.0141	0.367956	1.46656	1.46656	0.926617	1.10888	1.10888	0.317055	0.601633	-1.51661	0.582633	1.77777	1.77777	0.183829	0.638382	1.77777	1.77777	0.183829	0.638382	1.77777	1.77777	0.183829	0.638382

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11510269	RSRC2;KNTC1;RSRC2;RSRC2	0.59348	0.526711	1.18907	1.31907	1.136817	1.9976	1.9976	0.807341	1.11125	1.11125	1.174596	1.86533	1.86533	1.344728	1.53223	1.53223	0.10876	2.12807	2.12807	0.986157	0.992537	1.02752	0.81658	1.10551	1.10551	0.924408	1.04182	1.04182	0.85425	2.52188	2.62414	1
cg02555785	C7orf43	0.593484	0.879491	0.894353	-1.11813	0.552761	0.64278	-1.55574	0.581136	1.50698	1.50698	0.161272	1.30722	1.307022	0.245803	2.44323	2.44323	0.259033	0.420377	-2.37882	0.376701	1.94954	1.94954	0.59144	1.48997	1.48997	0.698526	1.13166	1.05464	1.05464	0.732754	7.62472	1
cg09275667	PYGO1	0.593505	0.490607	0.932058	-1.07289	0.592581	0.947171	-1.05578	0.686148	0.960001	-1.04167	0.122683	1.18302	1.18302	0.377705	0.913062	-1.09522	0.959342	0.994464	-1.00557	0.294167	0.896431	-1.11553	0.270689	0.891154	-1.12214	0.728573	0.965599	-1.03563	0.854212	0.136603	0.142149	1
cg06901890	FNBP1	0.593507	0.391964	2.04309	2.04309	0.1094815	0.96043	0.96043	0.398415	2.02246	2.02246	0.875771	1.13592	1.13592	0.625962	1.49206	1.49206	0.597804	1.54205	1.54205	0.731673	1.32366	1.32366	0.665481	0.701662	-1.42527	0.591995	1.55383	1.55383	0.854208	8.97788	9.34238	1
cg13758100	FIBCD1;FIBCD1	0.593514	0.917033	0.932118	-1.07282	0.484213	1.6154	1.6154	0.453866	1.67314	1.67314	0.546552	0.66257	-1.50927	0.353638	0.525282	-1.90374	0.472256	1.63762	1.63762	0.294381	2.08272	2.08272	0.157933	0.361142	-2.76899	0.724749	0.787181	1.26934	0.854197	0.615693	0.40698	1
cg00134212	C18orf56;TYMS	0.593518	0.941128	1.01898	1.01898	0.352337	0.783754	-1.27591	0.631457	1.13093	1.13093	0.670296	1.11539	1.11539	0.054466	0.573739	-1.74328	0.524261	0.848495	-1.17856	0.719247	1.09625	1.09625	0.742923	1.0874	1.0874	0.969567	0.990335	-1.00976	0.854191	0.876832	0.912449	1
cg19914780	FRAS1;FRAS1	0.593527	0.48169	1.49817	1.49817	0.618568	0.752976	-1.32806	0.734185	0.824764	-1.21247	0.398724	1.62968	1.62968	0.634503	0.762834	-1.3109	0.330569	1.76387	1.76387	0.7066559	3.13244	3.13244	0.994766	1.00371	1.00371	0.524933	1.43932	1.43932	0.854177	4.32258	4.49825	1
cg00123448	DYM	0.593529	0.787924	0.948712	-1.05406	0.814496	0.955142	-1.04696	0.648551	1.16239	1.16239	0.928476	0.962622	-1.03769	0.940314	0.985484	-1.01473	0.149818	0.739709	-1.35168	0.562708	1.12106	1.12106	0.942672	1.01414	1.01414	0.09289	0.696971	-1.43478	0.854174	0.515821	0.536785	1
cg12998614	KISS1R	0.593554	0.175569	0.624261	-1.60189	0.934124	0.976929	-1.02362	0.903581	1.04044	1.04044	0.692952	0.878249	-1.13863	0.116056	0.571928	-1.74847	0.970156	1.00945	1.00945	0.364039	0.615219	0.62544	0.718337	1.12579	1.12579	0.82165	1.07666	1.07666	0.854136	0.144768	1.50658	1
cg02801152	DCAF15 LRRN3;LRRN3;IMMP2L;LRRN3;LRRN3;L	0.593558	0.434021	0.867485	-1.15276	0.551926	1.11313	1.11313	0.346565	1.1884	1.1884	0.346118	0.841321	-1.18861	0.194228	0.783037	-1.27708	0.249236	1.23919	1.23919	0.999224	1.00017	1.00017	0.567983	0.902325	-1.10825	0.923122	0.982958	-1.01734	0.85413	0.428988	0.446446	1
cg06545367	RRN3;LRRN3	0.593573	0.936513	1.04456	1.04456	0.938304	1.04327	1.04327	0.173397	2.20926	2.20926	0.424549	1.56247	1.56247	0.927949	1.05107	1.05107	0.876001	0.918675	-1.08852	0.302449	0.557356	-1.79419	0.229915	0.501923	-1.99234	0.327121	1.73945	0.854106	0.450554	4.2155	1
cg07551394	MAP3K6	0.593578	0.343626	0.685316	-1.46139	0.345869	0.648412	-1.54211	0.428105	0.729055	-1.37165	0.164493	0.560275	-1.78464	0.267629	0.636949	-1.56999	0.936107	1.05181	1.05181	0.686302	1.17187	1.17187	0.121143	0.520766	-1.92034	0.726399	0.871776	-1.14708	0.854098	2.06388	2.14795	1
cg00239003	CLPTM1	0.593581	0.837513	1.03652	1.03652	0.572213	1.10483	1.10483	0.212647	1.25769	1.25769	0.287556	1.21273	1.21273	0.58226	0.90752	-1.1039	0.148827	0.763041	-1.31055	0.799172	0.956447	-1.04554	0.879942	0.973945	-1.02675	0.48536	1.13183	1.13183	0.854093	0.412692	0.429505	1
cg20689054	FBXW7	0.593585	0.329512	0.899816	-1.11134	0.294826	0.893387	-1.11877	0.137065	0.862251	-1.15976	0.754864	1.03288	1.03288	0.796935	1.02699	1.02699	0.96274	0.995186	-1.00484	0.454834	1.08181	1.08181	0.156924	0.85523	-1.16928	0.731384	0.96503	-1.03624	0.85409	0.144341	0.150222	1
cg14948448	EDNRA;EDNRA;EDNRA	0.593599	0.472661	0.802654	-1.24587	0.517118	0.820874	-1.21821	0.332863	1.35504	1.35504	0.490056	0.800093	-1.23455	0.03732	0.553722	-1.80634	0.842588	1.17754	1.17754	0.523117	1.2469	1.2469	0.121469	0.212469	-4.70457	0.14847	0.104847	0.85408	0.221713	1.27152	1
cg03540731	LRRC25;LRRC25	0.593612	0.818683	0.871475	-1.14748	0.348597	0.560945	-1.78271	0.174732	0.421128	-2.37458	0.26406	0.497846	-2.00865	0.121922	0.366243	-2.73042	0.235454	0.474762	-2.10632	0.235931	0.475156	-2.10457	0.388592	0.588966	-1.69789	0.590754	0.722358	-1.38435	0.854045	0.85505	0.50513	1
cg06632134	IFITM1;IFITM1	0.593615	0.822754	1.12957	1.12957	0.654209	3.15793	3.15793	0.937944	1.04318	1.04318	0.825626	0.887079	-1.1273	0.977397	1.0155	1.0155	0.44777	0.656216	-1.52489	0.743663	0.836074	1.19511	0.257121	0.90851	1.09851	0.990905	1.00621	1.00621	0.854133	3.92705	3.55455	1
cg21193977	SEC16A	0.593658	0.260884	0.576448	-1.73494	0.474138	1.45364	1.45364	0.180119	2.68644	2.68644	0.664739	1.80019	1.80019	0.266541	2.08654	2.08654	0.160761	0.664739	-1.50447	0.294663	0.800386	1.24984	0.210156	0.58395	1.71259	0.583429	0.955354	0.854037	0.532707	3.671	1
cg25400229	GNAL;GNAL;GNAL	0.593659	0.391051	0.385397	-2.59473	0.722074	0.67876	-1.47328	0.860607	0.826381	-1.2101	0.211293	0.239587	-4.17385	0.420719	0.409642	-2.44115	0.201657	0.231571	-4.31834	0.6040323	0.10454	-9.56569	0.563803	0.530934	-1.88347	0.534057	0.504962	-1.98035	0.854034	15.9219	16.5717	1
cg00353626	CTNNB1;CTNNB1;CTNNB1	0.593622	0.503704	0.87125	-1.14758	0.622004	0.849472	-1.17802	0.550318	0.640098	-1.56226	0.977944	1.00576	1.00576	0.805487	1.05139	1.05139	0.320051	0.811628	-1.23209	0.279774	0.799951	-1.25036	0.953701	0.968291	-1.03185	0.609532	0.900661	-1.1105	0.854029	0.558	0.580777	1
cg00806634	CTNND2	0.593629	0.271668	0.62415	-1.60218	0.867268	1.07164	1.07164	0.27482	1.59684	1.59684	0.908148	1.04869	1.04869	0.518103	0.763458	-1.30983	0.877387	0.938382	-1.06566	0.411941	1.4128	1.4128	0.469628	1.35396	1.35396	0.167128	0.545168	-1.8343	0.854019	2.29512	2.38883	1
cg13298148	CD164;L1	0.593639	0.83596	0.889179	-1.12463	0.613104	0.953742	-1.04859	0.675708	0.881847	-1.13445	0.485406	0.760746	-1.31496	0.29114	0.631853	-1.58285	0.674008	1.08548	1.08548	0.314544	0.742859	1.34655	0.242366	0.630008	1.58648	0.31644

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg05344101	SEC22B	0.594407	0.828179	-1.2068	0.933868	0.986586	-1.0136	0.862441	0.972131	-1.02867	0.199993	0.801997	-1.24689	0.513456	1.11405	1.11405	0.41721	0.873609	-1.14468	0.991406	0.866654	-1.15386	0.317225	0.884927	-1.18353	0.30721	1.188	1.188	0.852668	0.3587	0.3738	
cg21129365	PLOD3;PLOD3;ZNHIT1	0.594504	0.431274	0.477934	-2.09234	0.396503	2.22115	2.22115	0.08397707	5.7979	5.7979	0.980616	1.02258	1.02258	0.745291	1.34931	1.34931	0.636092	0.645272	-1.54073	?	?	0.996106	0.995525	-1.0045	0.407637	2.17821	2.17821	0.83983	0.98766	11.8926	1
cg08641879	OGFR	0.594507	0.0774205	0.284272	-3.51776	0.735421	1.24275	1.24275	0.589706	1.41743	1.41743	0.815509	0.860911	-1.16156	0.599171	1.40473	1.40473	?	?	?	0.536499	0.669604	-1.49342	0.827901	0.869768	-1.14971	0.823628	4.16568	5.78025	1
cg08623691	SNX12	0.594509	0.203716	0.312846	-3.19646	0.57616	0.613115	-1.63101	0.795014	0.798091	-1.25299	0.142303	3.9209	3.9209	0.746524	0.755082	-1.32436	0.184209	0.295181	-3.38775	0.838793	0.838242	-1.19297	0.87544	0.872946	-1.14555	0.891745	1.12519	1.12519	0.85265	10.1327	10.5633	1
cg16902509	ITGA8	0.59451	0.589084	0.669662	-1.49329	0.228421	2.5332	2.5332	0.135376	3.26556	3.26556	0.923945	0.932199	-1.07273	0.721759	0.768807	-1.30072	0.835788	0.85846	-1.16488	0.686339	0.741927	-1.34784	0.192456	0.275751	0.257951	0.570843	1.52375	0.852649	7.30077	7.61107	1
cg20964065	RPS6KA2	0.594514	0.876161	1.055158	0.115958	0.702447	1.13178	1.13178	0.320202	0.738018	-1.39272	0.767607	0.908855	-1.10029	0.230858	0.49983	-1.34784	0.526496	1.22095	1.22095	0.205268	1.5388	1.5388	0.270222	1.44809	1.44809	0.267613	1.45126	0.852642	1.40454	1.44424	1
cg03339674	PLEKHM2	0.594515	0.714362	0.772161	-1.29507	0.0979674	3.58536	3.58536	0.110971	3.39198	3.39198	0.918712	1.07445	1.07445	0.941108	0.949357	-1.05334	0.526197	0.636517	-1.57105	0.969353	0.973339	-1.02739	0.858777	1.13346	1.13346	0.78371	1.21353	1.21353	0.852642	6.68116	6.96518	1
cg20449796	UBE4B;UBE4B	0.594552	0.615498	0.72703	-1.53853	0.606931	1.32863	1.32863	0.215624	2.31969	2.31969	0.277148	2.06737	2.06737	0.263591	0.473755	-2.11535	0.940384	1.04923	1.04923	0.89943	0.921972	-1.08463	0.818399	2.48521	2.48521	0.943217	0.955262	-1.04683	0.852639	5.57511	5.81214	1
cg16246713	C21orf130	0.594562	0.413724	0.555966	-1.76862	0.183035	0.368721	-2.71208	0.105665	0.338848	-2.95118	0.632201	1.07007	1.07007	0.684249	0.750323	-1.33276	0.82232	0.853834	-1.17119	0.515968	0.344244	-2.90942	0.22577	0.409135	-2.44438	0.935579	1.05844	0.51884	6.56337	6.94879	1
cg00389463	ICAM4;CAM4;ICAM4	0.594531	0.206003	0.519791	-1.92385	0.280914	0.577112	-1.73277	0.327921	0.609375	-1.64103	0.838781	1.10508	1.10508	0.0826804	0.3896	-2.56674	0.354701	0.626872	-1.59522	0.40903	0.660888	-1.51311	0.504839	0.71754	-1.39365	0.855536	0.914489	-1.09351	0.852616	3.24875	3.38696	1
cg02735721	PDE4DIP;PDE4DIP;PDE4DIP	0.594555	0.459909	0.883904	-1.13126	0.140867	1.10253	1.10253	0.0963	1.09032	1.09032	0.0634	1.02308	1.02308	0.0218184	1.10525	-1.10525	0.896205	0.978833	-1.02153	0.445606	1.13593	1.13593	0.708515	1.06349	1.06349	0.143179	1.29422	0.852579	0.962815	0.373267	1	
cg23627246	AFF3;AFF3	0.594558	0.743617	1.18936	0.0705444	2.0005	2.4464	2.4464	0.0460601	2.4464	2.4464	0.466061	1.50745	1.50745	0.747355	0.843005	-1.18623	0.694369	1.23204	1.23204	0.587003	1.33585	1.33585	0.817133	1.13019	1.13019	0.99655	1.00229	1.00229	0.852573	3.77006	3.93065	1
cg00089512	MORN3	0.594564	0.330344	1.44514	0.4.54E+11	1.24457	1.24457	1.24457	0.0923355	1.60805	1.60805	0.100786	1.90874	1.90874	0.647672	1.199	1.199	0.952144	0.978646	1.02182	0.692226	1.15383	1.15383	0.621368	1.19609	1.19609	0.351391	0.708157	1.41212	0.852565	1.74661	1.82103	1
cg00924366	ZFYVE21	0.594564	0.323773	0.485165	-2.06115	0.589502	1.47196	1.47196	0.200985	2.60778	2.60778	0.737356	1.26981	1.26981	0.149107	0.333538	-1.99816	0.553925	1.52947	1.52947	0.525357	0.633336	-1.57894	0.921236	1.07271	1.07271	0.81762	0.848795	-1.17814	0.852564	6.80113	7.0909	1
cg17168093	TCF7L1	0.594564	0.597779	0.6406	-1.56104	0.182842	3.26209	3.26209	0.14228	3.74141	3.74141	0.390546	0.479066	-2.0874	0.583764	0.629507	-1.58854	0.780307	0.791454	-1.2635	0.967878	1.03426	1.03426	0.814693	2.00855	2.00855	0.969962	0.968994	-1.032	0.852564	9.44731	9.84983	1
cg00761980	UBA1	0.594571	0.301503	0.588108	-1.73907	0.179586	0.491281	-2.02724	0.242459	0.54159	-1.83422	0.929875	1.04461	1.04461	0.857733	0.914862	-1.09306	0.223107	0.528591	-1.89182	0.558038	1.34085	1.34085	0.542254	1.37215	1.37215	0.789631	1.14179	1.14179	0.852514	1.33027	1.46194	1
cg13876809	GPR88	0.594599	0.268763	1.63267	1.63267	0.326022	1.5397	1.5397	0.616023	0.806382	-1.24011	0.458158	1.37923	1.37923	0.5534	1.29067	1.29067	0.0841625	2.25514	2.25514	0.397334	1.44607	1.44607	0.258331	1.65197	1.65197	0.768418	1.1339	1.1339	0.852511	2.44567	2.55003	1
cg11489638	LOC285205	0.594625	0.760424	0.821288	-1.13297	0.0662367	0.437588	-2.33818	0.326199	0.657804	-1.52021	0.617202	0.812031	-1.23148	0.336861	0.664219	-1.50553	0.490714	1.32994	1.32994	0.568627	0.788143	-1.26881	0.828751	0.914932	-1.09363	0.321814	0.655136	-1.5264	0.85247	2.3051	2.40357	1
cg19459876	ASCL2	0.594652	0.771412	-1.29632	0.778186	1.15059	1.15059	1.15059	0.231544	1.83199	1.83199	0.241204	1.60508	1.60508	0.348459	0.627699	-1.59312	0.193067	0.514518	-1.94357	0.542522	0.742739	-1.34637	0.62625	1.26717	1.26717	0.725137	1.18768	1.18768	0.852468	3.14248	3.27674	1
cg01956781	FAM120B;FAM120B	0.594633	0.568886	0.79099	-1.26424	0.984541	0.992141	-1.00792	0.967025	1.01698	1.01698	0.0982031	0.477779	-2.09302	0.717743	0.860678	-1.16187	0.853598	1.07812	1.07812	0.302947	1.54423	1.54423	0.251105	1.62955	1.62955	0.733247	1.14948	1.14948	0.852458	2.23885	2.33453	1
cg00597491	ZBTB16;ZBTB16	0.594639	0.516616	1.18769	0.0.00E+00	1.36226	1.36226	1.36226	0.55178	1.17056	1.17056	0.838842	0.947905	-1.05496	0.59012	0.867474	-1.15286	0.287051	1.3353	1.3353	0.394223	1.25642	1.25642	0.351578	1.48162	1.48162	0.398612	0.797677	-1.25364	0.852457	0.923786	0.963215	1
cg00888840	SLC43A1	0.594643	0.710079	0.826549	-1.20985	0.637863	1.27362	1.27362	0.642469	1.26935	1.26935	0.533858	0.725107	-1.37911	0.582144	1.32778	1.32778	0.588041	1.32181	1.32181	0.0697595	2.81391	2.81391	0.221655	1.92575	1.92575	0.79605	0.876225	-1.14126	0.852442	3.51352	3.66374	1
cg16178942	ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.594654	0.489162	0.592343	-1.68821	0.127668	3.41313	3.41313	0.338278	2.08696	2.08696	0.948712	0.953187	-1.04911	0.276935	0.430502	-2.32287	0.570456	0.652227	-1.53321	0.664894	0.722654	-1.38379	0.614532	1.46006	1.46006	0.620063	0.689024	-1.45133	0.852424	7.4995	7.82031	1
cg17678224	SEC24D	0.594659	0.12216	0.62638	-1.59648	0.877809	0.957949	-1.0439	0.464713	0.812392	-1.23093	0.206911	0.689582	-1.45015	0.754752	0.91622	-1.09144	0.985767	1.00499	1.00499	0.390999	1.27816	1.27816	0.217318	0.695984	-1.43681	0.924927	0.974026	-1.02667	0.852417	1.0526	1.09764	1
cg04522604	CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;	0.594667	0.311118	0.791165	-1.26396	0.934707	0.981851	-1.01848	0.990314	1.00272	1.00272	0.532197	1.15192	1.15192	0.210139	0.744378	-1.3434	0.503039	0.858736	-1.1645	0.128277	1.44413	1.44413	0.916376	1.02376	1.02376	0.725089	0.924111	-1.08212	0.852405	0.67456	0.703431	1
cg15190599	HIST1H1E	0.594688	0.491934	0.889913	-1.1237	0.90712	0.668205	-1.01969	0.323314	0.843278	-1.18585	0.632096	0.855106	-1.16945	0.300643	0.835928	-1.19627	0.105456	0.744122	-1.34387	0.461675	1.13339	1.13339	0.596301	1.09344	1.09344	0.967237	0.993116	-1.00689	0.852372	0.376917	0.393064	1
cg01773642	AAK1;SNORA36C	0.594691	0.972375	0.991288	-1.00879	0.163062	0.685072	-1.4597	0.246755	0.736362	-1.35803	0.836292	0.949256	-1.05146	0.886922	1.01661	1.01661	0.732421	0.916936	-1.09059	0.35303	1.27311	1.27311	0.751268	1.08366	1.08366	0.227786	1.37697	1.37697	0.852368	0.861862	0.89879	1
cg03272195	HS3ST3B1	0.594691	0.797326	0.904133	-1.10509	0.548413	0.212501	-2.05476	0.0623861	0.188121	-5.31211	0.0.00E+00	1.13492	1.13492	0.779906	1.23538	1.23538	0.604299	0.517033	-1.93396	0.0.00E+00	1.28437	1.28437	0.364732	1.56508	1.56508	0.382567	0.785351	1.35096	0.45739	4.53799	4.74	1
cg19154027	YAP1;YAP1	0.594715	0.332807	0.440539	-2.26995	0.303107	2.39949	2.39949	0.417075	1.97487	1.97487	0.821967	1.20311	1.20311	0.513933	0.727504	-1.39358	0.359098	0.754047	-1.32618	0.498001	0.81387	-1.2287	0.888544	1.04287	1.04287	0.297115	1.38211	1.38211	0.852382	1.20971	1.26174	1
cg26606564	D2A:D2A	0.594732	0.842082	1.13637	-1.18082	0.145502	1.15432	1.15432	0.546173	1.38874	1.38874	0.997523	1.00096	1.00096	0.997523	1.00096	1.00096	0.168124	1.5763	1.5763	0.0.00E+00	1.4513	1.4513	0.215603	1.65609	1.65609	0.915776	1.03338	1.03338	0.852359	0.915174	1.0.E+00	1
cg10433594	CITED2;CITED2;CITED2 PECR;TMEM169;TMEM169;TMEM169;	0.594732	0.324603	0.848384	-1.17871	0.253229	1.21273	1.21273	0.41053	1.14571	1.14571	0.189546	1.25184	1.25184	0.635915	1.08013	1.08013	0.679235	1.06952	1.06952	0.707069	0.940804	-1.06292	0.778417	1.04665	1.04665	0.188744	1.25241	1.25241	0.852304	0.352664	0.367802	1
cg16925210	TMEM169	0.594732	?	?	?	0.468886	0.726131	-1.37682	?	?	?	0.612905	1.24743	1.24743	?	?	?	0.407655	0.73533	-1.35993	0.043562	0.430701	-2.32179	0.984035	1.00729	1.00729	0.952481	1.02187	1.02187	0.852269	1.77839	1.8548	1
cg04910466	KIAA1191;KIAA1191;KIAA1191	0.594754	0.928022	0.967737	-1.03334	0.607509	1.2069	1.2069	0.565205	1.23495	1.23495	0.863721	0.939548	-1.06434	0.751796	0.891215	-1.12206	0.170868	1.70368	1.70368	0.0.00E+00	2.14289	2.14289	0.0.00E+00	1.32852	1.32852	0.0.00E+00	1.14586	1.14586	0.852267	1.23663	1.28977	1
cg04157234	ACTN4	0.594754	0.454427	1.12938	-1.15798	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	0.0.00E+00	1
cg07177300	FRMPD4	0.594775	0.278806	0.713829	-1.40089	0.222246	0.681114	-1.46818	0.721925	1.11291	1.11291	0.381562	1.30823	1.30823	0.624769	1.14255	1.14255	0.359098	0.754047	-1.32618	0.498001	0.81387	-1.2287	0.888544	1.04287	1.04287	0.297115	1.38211	1.38211	0.852382	1.20971	1.26174	1
cg09336071	ATP6V0B;B4GALT2;ATP6V0B	0.594778	0.29268	2.27152	2.27152	0.111293	3.68277	3.68277	0.127937	3.44489	3.44489	0.271432	2.36423	2.36423	0.495811	1.68161	1.68161	0.428295	1.83632	1.83632	0.854479	0.871114	-1.14796	0.507034	1.65841	1.65841	0.505046	1.66252	1.66252	0.852233	7.62382	7.95174	1
cg09185179	C1orf183;DDX20	0.594798	0.161062	1.29709	0.0.00E+00	1.66838	1.72837	1.72837	0.0.00E+00	1.72837	1.72837	0.0.00E+00	0.648268	-1.54216	0.0.00E+00	1.08867	1.08867	0.332224	1.1293	1.1293	0.0.00E+00	1.18337	1.18337	0.0.00E+00	1.018	1.018	0.355582	1.8909O7	-1.12245	0.685882	1.05067	1.05067	0.852201	0.19422	0.208008	1
cg25961570	MSL2	0.594815	0.885516	0.967042	-1.03408	0.845166	0.55873	1.55873	0.310554	0.856197	-1.16796	0.292376	1.28933	1.28933	0.787329	1.06609	1.06609	0.730811	1.08366	1.08366	0.446323	1.19924	1.19924	0.607394	0.886426	-1.12813	0.323253	1.26787	1.26787	0.852175	0.73035	0.761816	1
cg01658602	ZNF343	0.594819	0.760742	1.17809	0.0.00E+00	1.00001	0.0.00E+00	1.94942	0.841723	0.96426	-1.14626	0.618734	0.40277	-2.48283	0.313882	0.652292	-1.53325	0.302022	1.37476	1.37476	0.0.00E+00	1.93073	1.93073	0.0.00E+00	1.522	1.522	0.467491	1.60682	1.60682	0.852169	0.915775	1.28016	0.852169	0.915775	1.28016	1
cg27566842	ADARB2	0.594845	0.156742	0.282036	-3.54564	0.432301	0.51187	-1.95362	0.870407	0.872461	-1.14618	0.685903	0.711946	-1.4046	0.087728	0.207015	-4.83058	0.512595	0.574102	-1.74185	0.446348	0.522756	-1.91294	0.170682	0.295483	-3.38429	0.889379	0.890212	-1.12333	0.852129	9.4242	9.83076	1
cg03216697	HLA-C	0.594848	0.293155	0.168024	-5.95154	0.0.00E+00	1.06357	1.06357	0.906729	0.825548	-1.21132	0.347056	0.205231	-4.87279	0.369246	0.45889	-2.17889	0.782016	1.57407	1.57407	0.499314	0.525737	-1.90996	0.137588	0.140886	1.14086	0.15938	0.380783	-2.62617	0.852123	36.1033	37.661	1
cg26521780	RASAL1	0.594855	0.779755	0.867585	-1.15103	0.665209	0.795457	1.35085	0.20222	0.515484	1.93992	0.110605	0.419087	-2.38614	0.763536	0.856337	-1.16776	0.931021	0.956469	-1.04551	0.03543	0.620108	-1.66637	0.0950458	0.389449	-2.56773	0.534204	0.718295	-1.39219	0.852108	1.04667	1.07062	1
cg12562232	IGF1R	0.594859	0.105651	0.129718	-7.70902	0.384771	2.80007	2.80007	0.614457	1.79836	1.79836	0.847684	1.24881	1.24881	0.926219	1.11296	1.11296	0.617756	1.7884	1.7884	0.378459	2.84083	2.84083	0.331037	0.313843	-3.18631	0.640614	1.72162	1.72162	0.852106	18.0176	18.7954	1
cg05256331	DAAM1	0.594861	0.673756	0.881354	-1.13439	0.0.00E+00	1.34858	1.34858	0.126458	0.682461	1.13025	1.13025	0.750738	1.09551	1.09551	0.911753	1.09551	0.101445	1.7054	1.7054	0.0.00E+00	1.77794	1.77794	0.0.00E+00	1.08041	1.08041	0.0.00E+00	1.03489	1.03489	0.988279	0.995617	-1.00408	0.852101	1.19572	1.24735	1
cg03164831	RBWD3	0.594869	0.153882	0.390819	-2.55873	0.109954	0.342244	-2.92189	0.845019	0.886526	-1.12799	0.719034	1.24897	1.24897	0.954942	1.03538	1.03538	0.180599	0.416892	-2.3987	0.866871	0.901901	-1.10877	0.985383	1.01095	1.01095	0.894021	1.08177	1.08177	0.852091	5.11101	5.33173	1
cg16382030	PROX1	0.594887	0.22444	0.299784	-3.33594	0.646275	0.642624	-1.54728	0.129845	0.643743	1.63443	0.875462	0.862381	-1.15918	0.597652	0.251246	-3.98217	0.406034	0.434225	-2.30102	0.280405	0.346732	-2.88407	0.947099	0.224351	-4.4577	0.513905	0.538408	-1.85753	0.852089	12.0263	12.4257	1
cg15972506	SLC6A1	0.594887	0.273995	0.58774	-1.70423	0.725241	1.1677	-1.1797	0.283223	0.593224	-1.6857	0.592685	1.28775	1.28775	0.951916	1.02862	1.02862	0.386737	0.992245	-1.00782	0.422639	0.681408	-1.46755	0.223881	0.19328	-5.17425	0.185129	0.186196	-5.37018	0.852063	2.96001	3.08794	1
cg24572204	TTC33	0.594893	0.282978	2.34781	2.34781	0.893719	1.10768	1.10768	0.889122	0.898776	-1.11262	0.424088	1.86747	1.86747	0.624984	1.11959	1.11959	0.692855	1.35489	1.35489	0.41916	1.8805	1.8805	0.0546395	0.530056	3.00056	0.260156	2.45616	2.45616	0.852054	2.80873	8.2402	1
cg27209155	GIA8	0.594909	0.364776	0.744903	-1.34256	0.25536	0.432426	2.31242	0.164837	1.23215	1.23215	0.138537	0.785903	-1.27262	0.964714	1.03673	-1.03673	0.0.00E+00	1.37452	1.37452	0.424342	0.655301	1.51597	1.51597	0.767674	0.930209	-1.07504	0.804073	0.85958	0.852048	0.804073	0.85958	1	
cg12078738	CGA	0.594915	0.178787	0.335606	-2.97968	0.490343	0.585342	-1.7084	0.359415	0.486613	-2.05502	0.98471	0.985459	-1.01476	0.0719062	0.215299	-4.64471	0.729287	0.766778	1.30416	0.982071	0.98297	-1.01732	0.884471	1.11755	1.11755	0.298378	0.438696	-2.27948	0.82202	7.8843	8.22548	1
cg16507569	CDL11A2;CDL11A2;CDL11A2;CDL11A2	0.594918	0.135272	0.207523	-4.81874	0.633863	0.625837	-1.59786	0.759254	0.740647	-1.35017	0.917448	0.903694	-1.10657	0.077732	0.147366	-6.78585	0.322582	0.368619	-2.71283	0.353058	0.242295	-4.12475	0.840308	0.843084	1.21781	1.21781	0.753737	0.735368	-1.35986	0.852014	12.873	13.4302	1
cg22547396	G3BP1;G3BP1	0.594924	0.721637	0.912559	-1.09582	0.810911	0.940535	-1.06323	0.83897	0.949287	-1.05342	0.0676537	1.68811	1.68811	0.357603	1.27378	1.27378	0.253825	1.35636	1.35636	0.942078	1.01876	1.01876	0.464026	1.21001	1.21001	0.46767	1.20807	1.20807	0.852006	0.882824	0.921042	1
cg25678029	TLCD2;TLCD2	0.594931	0.626083	0.790203	-1.26509	0.44732	1.6811	1.6811	0.0.00E+00	1.83232	1.83232	0.13225	1.17225	1.17225	0.172811	0.544594	-1.83705	?	?	?	0.641652	0.521892	-1.91648	0.0.00E+00	0.71548	1.44667	0.829244	4.56005	3.33274	1	
cg07152582	SPOCK2	0.594937	0.660985	0.773237	-1.29326	0.435994	1.60339	1.60339	0.0.00E+00	0.346745	2.88587	0.615324	1.35119	1.35119	0.0.00E+00	0.628527	1.30866	1.30866	0.510231	0.672468	-1.48706	0.917222	0.63771	1.56802	0.864119	0.107711	1.10711	0.851985	4.76221	4.96848	1	
cg17131435	REPIN1;REPIN1;REPIN1	0.594943	0.431528	0.779325	-1.29033	0.4045	0.70674	1.41495	0.595024	0.72016	1.38889	0.0.00E+00	1.2869	1.2869	0.890994	0.954324	-1.04791	0.866601	1.07142	1.07142	0.0.00E+00	0.836459	-1.19509	-2.30065	0.333994	0.664271	-1.50541	0.827945	2.80066	2.81733	0.852057	2.80066	2.81733	1	
cg26690318	PYROXD2	0.594948	0.52525	2.6857	2.6857	0.717841	1.74524	1.74524	0.686618	0.536634	-1.86347	0.364907	4.17357	4.17357	0.0749741	0.0476771	-20.9744	0.465668	1.12491	1.12491	0.967022	1.0655	1.0655	0.633666	0.478633	-2.08928	0.661267	1.96728	1.96728	0.851969	31.7792	33.1564	1
cg08805054	BCL9L	0.594949	0.320034	0.702278	-1.42394	0.929446	0.969999	-1.03093	0.283135	0.681422	-1.46752	0.205601	1.59201	1.59201	0.206976	0.612703	-1.58052	0.315854	0.699184	-1.4286	0.620106	0.842086	-1.18753	0.891233	0.954031	-1.04818	0.898128	1.04504	1.04504	0.851967	1.59633	1.66551	1
cg09864858	AK3L1;AK3L1;AK3L1;AK3L1	0.594977	0.0790187	0.804013	-1.24167	0.18078	0.514161	-1.9418	0.10018	0.945061	-1.05779	0.0.00E+00	1.18802	1.18802	0.230954	0.721508	-1.38582	0.0.00E+00	1.38479	1.38479	0.0.00E+00	1.50779	1.50779	0.0.00E+00	1.04718	1.04718	0.0.00E+00	1.01237	1.01237	0.852023	0.218004	0.229403	1	
cg06495961	PPP6;DPP6	0.594978	0.502655	1.23282	1.23282	0.635767	0.863475	-1.15811	0.105897	1.72182	1.72182	0.230568	1.47251	1.47251	0.944002	1.02185	1.02185	0.874491	1.04984	1.04984	0.301972	0.719635	-1.38959	0.896276	1.04095	1.04095	0.4994	1.23485	1.23485	0.851922	1.2772	1.33262	1
cg28440248	SSR1	0.594983	0.794863	0.956122	-1.04581	0.332411	1.62555	1.62555	0.0.00E+00	1.61355	1.61355	0.878621	0.965856	-1.03539	0.942764	1.06114	1.06114	0.802602	1.32328	1.32328	0.0.00E+00	1.08227	1.08227	0.0.00E+00	1.00569	1.00569	0.0.00E+00	1.00057	1.00057	0.852012	0.15475	0.158914	0.698855	0.729229	1	
cg11150308	SRP68	0.594986	0.885616	0.973727	-1.02698	0.132472	1.35024	1.35024	0.260437	1.24248	1.24248	0.978476	1.005	1.005	0.776878	1.25267	1.25267	0.621161	0.911974	-1.09652	0.836065	1.03907	1.03907	0.658987	1.08562	1.08562	0.301251	0.820392	1.21893	0.851909	0.461605	0.481643	1
cg12250872	LHX3;LHX3	0.594987	0.47508	0.544391	-1.83692	0.384477	0.47401	-2.10966	0.679457	0.706198	-1.41603	0.492801	1.79169	1.79169	0.655729	0.686833	-1.45596	0.189565	3.20068	3.20068	0.14706	0.2717B5	-3.67938	0.926832	0.925985	-1.07993	0.747467	1.31057	1.31057	0.851907	0.945683	0.98756

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg27014927	PHF21B;PHF21B	0.595501	0.791488	0.899146	0.112317	0.422668	0.38901	1.38801	0.1414	1.88609	1.88609	0.873854	0.93829	-1.06577	0.1925377	0.575039	-1.73901	0.940924	1.03018	0.310818	0.40435	0.741711	-1.34823	0.612526	1.22742	1.22742	0.460361	1.35198	0.851109	2.1699	2.26622	1
cg16051089	ITGA1;PELO;PELO ARHGAP11A;ARHGAP11A;ARHGAP11A; ARHGAP11A	0.595507	0.901237	0.959024	-1.04273	0.859579	1.06149	1.06149	0.38231	0.739385	-1.35248	0.0968417	1.84817	1.84817	0.549923	1.22612	1.22612	0.391709	1.3441	1.3441	0.309196	0.701417	-1.42569	0.64393	1.16982	1.16982	0.731871	1.12289	1.12289	0.851101	1.5308	1.59876	1
cg19554522	ARHGAP11A;ARHGAP11A	0.595517	0.489637	0.868689	-1.15516	0.707575	0.927202	-1.07851	0.212278	0.768341	-1.30151	0.341015	0.821351	-1.21751	0.175232	0.748896	-1.3353	0.833273	0.9586	-1.04319	0.129819	0.720198	-1.38851	0.159787	0.739863	-1.3516	0.543599	0.883989	-1.13124	0.851086	0.542289	0.566376	1
cg19590707	SLC16A3;SLC16A3;SLC16A3	0.595534	0.335057	3.07696	3.07696	0.584155	1.86432	1.86432	0.875964	1.99219	1.99219	0.495295	2.18362	2.18362	0.804278	0.774267	-1.29154	0.61861	1.76202	1.76202	0.0582141	0.11652	1.61525	0.45276	2.37066	2.37066	0.211906	4.44436	0.464236	0.856225	16.8097	15.2696	1
cg26256793	COL11A1;COL11A1;COL11A1;COL11A1	0.595538	0.882817	0.937533	-1.06663	0.360276	0.662772	-1.50881	0.24014	1.71236	1.71236	0.690987	1.19094	1.19094	0.657511	0.822722	-1.21548	0.30269	0.626927	-1.59508	0.164957	0.523185	-1.91137	0.798603	0.894207	-1.11831	0.478769	1.37014	1.37014	0.851052	2.57794	2.69255	1
cg20512532	EEF1E1;EEF1E1	0.595539	0.454257	1.20683	1.20683	0.109909	1.55042	1.55042	0.374764	1.25192	1.25192	0.864686	1.04296	1.04296	0.735	0.919628	-1.0874	0.707421	1.09745	1.09745	0.257659	0.474275	-1.31871	0.464888	1.20032	1.20032	0.469372	1.19905	1.19905	0.85105	0.819811	0.85626	1
cg17739208	FAM188B	0.59554	0.342062	0.474688	2.10505	0.762052	1.15414	1.15414	0.660631	0.811757	-1.2319	0.680623	0.822527	-1.21577	0.0878875	0.382339	-2.61548	0.463333	0.703018	-1.42244	0.705365	0.835851	-1.19639	0.330338	0.622404	-1.60667	0.705571	0.835962	-1.19623	0.851049	3.00346	3.137	1
cg23500942	FANCL;FANCL	0.595556	0.508706	0.898156	-1.11339	0.539843	0.905344	-1.10455	0.142114	1.2877	1.2877	0.38786	1.15235	1.15235	0.893568	1.02168	1.02168	0.707261	1.06231	1.06231	0.83564	0.967262	-1.03385	0.750718	1.05239	1.05239	0.127192	1.30249	1.30249	0.851025	0.345983	0.361377	1
cg25742218	HMGB3	0.595573	0.247119	0.813814	1.22899	0.290762	0.736	0.736	0.864	0.680726	0.68726	0.448004	2.39232	2.39232	0.136394	0.7964	1.25566	0.887121	1.1268	1.1268	0.313114	0.57134	-1.75027	0.991405	0.868307	1.15142	0.0178	0.859269	0.839901	1.16062	0.904958	1.14508	1.51674	1
cg05958740	CPLX2	0.595576	0.491088	0.794876	-1.25806	0.543866	1.23243	1.23243	0.583003	1.20133	1.20133	0.174972	1.60681	1.60681	0.187754	1.59855	1.59855	0.571184	0.828742	-1.20665	0.296955	0.104063	0.361134	0.734817	-1.36088	0.761509	0.904915	-1.10508	0.850993	1.45208	1.51674	1
cg15099327	MIR124-3	0.59558	0.981877	1.00158	1.01038	0.405194	0.674907	1.47264	0.976463	0.988583	-1.01535	0.976084	1.01684	1.01684	0.095188	0.434621	-2.30281	0.249346	0.573555	1.7423	0.62881	1.24778	1.24778	0.882809	1.09737	1.09737	0.358051	1.53657	1.53657	0.850987	2.78388	2.60787	1
cg01765380	ZCCHC14	0.595581	0.830406	0.852668	-1.17279	0.125391	0.4299	0.4299	0.066618	4.61049	4.61049	0.939034	1.05849	1.05849	0.995633	0.995942	-1.00407	0.509176	1.64479	1.64479	0.895335	1.10275	1.10275	0.554527	1.55928	1.55928	0.988208	1.01104	1.01104	0.850985	7.44229	7.77377	1
cg08240529	QPCT	0.595585	0.556719	1.62827	1.62827	0.413777	1.39659	1.39659	0.341437	1.49182	1.47982	0.338872	1.4831	1.4831	0.125448	1.94422	1.94422	0.620932	1.22055	1.22055	0.130195	0.92228	1.92228	0.176218	1.77693	1.77693	0.399588	1.41166	1.41166	0.850898	2.15433	2.2503	1
cg04709886	ATM;ATM;NPAT ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFA	0.595589	?	?	?	?	0.689665	-1.44998	0.23722	1.46612	-1.14537	0.248995	2.08362	2.08362	?	?	?	?	?	?	0.48714	0.65331	-1.53067	0.891881	0.921683	-1.08497	0.656884	0.764264	-1.30845	0.83176	2.94543	3.61462	1
cg02981620	ND1;ZFAND1;ZFAND1	0.595601	0.770565	0.946175	-1.05589	0.244887	1.25879	1.25879	0.240877	1.2615	1.2615	0.395219	0.84811	-1.17909	0.570233	1.11466	1.11466	0.791006	0.95099	-1.05154	0.164575	0.755368	-1.32386	0.856972	1.03472	1.03472	0.903123	0.977225	-1.02331	0.850954	0.482444	0.503951	1
cg00506866	RRM2;RRM2	0.595628	0.397358	1.16979	1.16979	0.787857	1.05002	1.05002	0.718467	1.06771	1.06771	0.172879	1.30016	1.30016	0.284788	1.22068	1.22068	0.803511	0.95589	-1.04615	0.220086	0.792158	-1.26237	0.949744	1.01147	1.01147	0.285001	1.22258	1.22258	0.851092	0.441309	0.461005	1
cg25748357	GRB10;GRB10;GRB10	0.595629	0.342645	0.744102	-1.3439	0.934641	0.975509	-1.02511	0.166337	1.56234	1.56234	0.95388	0.982666	-1.01764	0.440116	0.788183	-1.26874	0.690504	1.12862	1.12862	0.16309	1.56844	1.56844	0.584054	0.846076	-1.18193	0.735464	1.10796	1.10796	0.850911	1.23175	1.28673	1
cg08549245	ANKRD11	0.595638	0.335088	2.09903	2.09903	0.819667	1.1382	1.1382	0.691993	1.32241	1.32241	0.825119	1.16013	1.16013	0.339385	2.01526	2.01526	0.207204	2.54347	2.54347	0.0265811	0.426176	2.45176	0.407955	2.25123	2.25123	0.484103	1.64719	1.64719	0.850971	6.63833	6.93463	1
cg11519725	AUTS2;AUTS2;AUTS2	0.595634	0.792436	0.905614	-1.10422	0.568182	0.805048	-1.24216	0.278757	0.654846	-1.52708	0.162887	0.571232	1.7506	0.100545	0.508852	-1.96649	0.885307	1.05756	1.05576	0.635661	1.19651	0.69779	1.15799	1.15799	0.873386	0.941809	-1.06179	0.850904	1.90446	1.98947	1
cg27127202	RGS9;RGS9;RGS9 RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB	0.595635	0.782093	0.965244	-1.03601	0.326713	1.13789	1.13789	0.809638	1.03127	1.03127	0.120497	1.23968	1.23968	0.311121	1.14304	1.14304	0.882334	0.987636	-1.01252	0.161977	1.20986	1.20986	0.56289	0.92809	-1.07748	0.778397	1.03665	1.03665	0.850902	0.21935	0.229143	1
cg26561020	1	0.59564	0.165498	1.86594	1.86594	0.715447	0.856934	-1.16695	0.737672	1.1523	1.1523	0.798728	0.897848	-1.11377	0.592752	0.796387	-1.25567	0.264211	1.63356	1.63356	0.156899	1.89357	1.89357	0.853286	1.08119	1.08119	0.295094	1.58074	1.58074	0.850893	2.39654	2.50355	1
cg01988827	FBS2;FBS2	0.595653	0.3385	1.19464	1.19464	0.249951	0.805155	-1.2402	0.40986	0.850053	-1.16407	0.519715	1.12484	1.12484	0.264534	0.785582	-1.27294	0.326073	1.2003	1.2003	0.318836	0.982622	-1.01393	0.991881	0.930716	-1.07444	0.934452	1.01494	1.01494	0.850874	0.437862	0.457425	1
cg03991300	RAB40C	0.595659	0.633135	1.80169	1.80169	0.107352	8.5988	8.5988	0.638699	1.78418	1.78418	0.374331	3.06055	3.06055	0.552676	2.08624	2.08624	0.306323	0.273452	-3.65695	0.947581	1.08382	1.08382	0.363931	0.319105	-3.13377	0.925106	0.891268	-1.122	0.850865	20.1977	21.1003	1
cg20406040	COL4A1	0.595663	0.877608	0.939457	-1.06444	0.210405	0.845665	-1.18275	0.742627	0.823281	-1.21467	0.318579	1.23879	1.23879	0.313676	1.28166	1.28166	0.845483	1.17238	1.17238	0.205488	1.4857	1.4857	0.673113	0.864355	1.15677	1.15677	0.624071	0.657713	0.834551	1.19825	0.850818	2.17009	1.97992	1
cg14990970	ZNF348	0.595665	0.394923	2.04195	-1.06023	0.67375	0.500544	-1.09945	0.118336	0.728097	-1.37344	0.770959	0.936728	-1.06755	0.458417	0.844465	-1.18418	0.842788	0.956512	-1.04546	0.0959545	1.5059	1.5059	0.507452	0.86022	-1.16249	0.817297	0.948247	1.05458	0.850856	0.675599	0.705798	1
cg03900314	DDAH2	0.595667	0.8253	0.930494	-1.0747	0.40913	1.31666	1.31666	0.778598	1.0962	1.0962	0.258939	0.681261	-1.46787	0.77001	1.10024	1.10024	0.141377	1.67427	1.67427	0.883708	0.953425	-1.04885	0.307703	1.41069	1.41069	0.419426	0.76427	-1.30844	0.850847	1.43097	1.49495	1
cg23797020	MAD1L1;MAD1L1;MAD1L1	0.59567	0.600736	1.29411	1.29411	0.314781	1.16851	1.16851	0.574182	1.1963	1.1963	0.182272	1.54885	1.54885	0.547182	0.705264	-1.41783	0.361204	1.74383	1.74383	0.0134006	0.244482	-2.25998	0.788723	0.807094	1.24008	1.24008	0.0453585	0.744207	0.850847	3.21266	3.3563	1
cg05212419	FAM123B	0.595674	0.181099	0.474808	-2.10611	0.434531	0.515135	1.51935	0.312544	0.578101	-1.7298	0.386749	1.59269	1.59269	0.537415	0.720658	-1.38762	0.186165	0.479381	-2.08602	0.940501	1.03994	1.03994	0.963047	1.0246	1.0246	0.937213	0.959514	-1.04219	0.850804	3.70828	3.87411	1
cg16068860	BIK	0.595676	0.306634	2.23275	2.23275	0.0398711	0.384578	2.18653	0.382844	0.643664	1.55361	0.924256	0.95757	-1.04431	0.933371	1.07144	1.07144	0.857934	1.16602	1.16602	0.225745	0.55989	-1.78606	0.314178	0.530813	1.88413	0.0758	0.407408	0.850814	0.710495	0.687147	0.755553	1
cg18518008	C11orf34	0.59569	0.123701	0.188468	-5.30595	0.440004	2.1995	2.1995	0.973422	0.967205	-1.03391	0.346938	0.379318	-2.63631	0.329838	0.365495	-2.73601	0.541179	0.538416	-1.8573	0.306021	0.346186	-2.88862	0.275994	0.321673	-3.10874	0.409467	0.429844	-2.32643	0.850817	13.4995	14.1035	1
cg02439937	CDK3	0.5957	0.706874	0.82116	0.128216	0.362622	1.21601	1.21601	0.47387	0.858395	-1.16423	0.779835	1.06032	1.06032	0.235551	1.29671	1.29671	0.455987	1.17198	1.17198	0.0861162	1.48462	1.48462	0.681487	0.917357	-1.09009	0.95365	0.987924	-1.01222	0.850817	0.588689	0.615031	1
cg16607021	EDF1	0.595697	0.956773	1.04877	1.04877	0.12914	1.58357	1.58357	0.713994	1.18923	1.18923	0.21813	1.4836	1.4836	0.207615	1.57453	1.57453	0.474629	-2.06187	0.474629	-2.06187	0.420187	0.629995	-1.58732	0.459225	1.5386	1.5386	0.78177	1.15454	1.15454	0.641347	0.645	0.850809	0.423808	0.442776	1
cg15542741	SLC6A15;SLC6A15;SLC6A15	0.595696	0.456304	1.25449	1.25449	0.253642	1.42798	1.42798	0.552833	1.19653	1.19653	0.978478	1.00809	1.00809	0.120389	0.604452	-1.65439	0.874322	0.953799	-1.04844	0.472547	1.24402	1.24402	0.321981	1.35764	1.35764	0.959553	0.984959	-1.01527	0.850807	1.20336	1.25722	1
cg01553388	WDR60	0.595698	0.251933	1.67852	1.67852	0.0944	1.23547	1.23547	0.722174	0.87626	1.07626	0.626356	0.844244	1.18377	0.133574	0.674357	-1.61827	0.697565	1.43327	1.43327	0.0855743	1.11977	1.11977	0.834084	1.10071	1.10071	0.824047	1.18232	1.18232	0.622989	1.07251	1.07251	0.850826	0.504206	0.534007	1
cg17953816	CTNNBIP1;CTNNBIP1	0.595752	0.39518	2.56111	-1.16129	0.18082	1.98731	1.98731	0.587814	0.859842	0.89841	-1.11308	0.840499	1.1023	1.1023	0.649248	0.801601	1.24075	0.428681	0.676698	-1.47776	0.919912	0.952093	-1.05032	0.0963628	2.4168	2.4168	0.581228	1.30902	1.30902	0.85077	1.14789	3.28803	1
cg13421924	SCSDL;SCSDL	0.595721	0.83451	0.955392	-1.04669	0.952985	0.987221	-1.01294	0.680488	1.09453	1.09453	0.949349	0.986238	-1.01395	0.170381	0.727248	-1.37505	0.685659	0.915065	-1.09282	0.0971677	0.672268	-1.4875	0.821316	1.05058	1.05058	0.200027	0.744312	-1.34352	0.850768	0.641116	0.669843	1
cg29595849	RASGRP3;RASGRP3	0.595729	0.25941	1.67852	1.67852	0.423182	0.97107	1.42457	0.722161	0.82688	-1.20956	0.622631	0.84268	-1.18668	0.177736	0.738137	-1.35477	0.584362	1.16559	1.16559	0.76421	0.919943	-1.08702	0.947512	0.987757	1.26474	1.26474	0.984772	-1.01857	0.564225	1.17549	0.850757	1.03672	1.08319	1
cg27586487	LOC100128292;DLG5	0.595737	0.250808	0.680906	-1.46863	0.746497	0.901326	-1.10948	0.181224	0.634681	-1.57559	0.316485	0.717705	-1.39333	0.167136	0.623942	-1.60271	0.360044	0.739782	-1.35175	0.162579	0.620336	-1.61203	0.257762	0.685054	-1.45974	0.557963	0.827146	-1.20888	0.850743	1.38226	1.44424	1
cg10441532	C1orf65	0.595757	0.652022	1.1456	1.1456	0.362667	1.16557	1.16557	0.53944	1.18463	1.18463	0.0917	1.33593	1.33593	0.184252	1.24766	1.24766	0.164648	1.21918	1.21918	0.0964844	0.164648	1.21918	1.35758	0.736849	1.35758	1.35758	0.469393	0.92652	1.53165	1.53165	0.884939	0.92652	1.53165	0.850742	0.0017	0.00002	1
cg13468764	HES4;HES4	0.59576	0.408903	0.827877	-1.20791	0.734971	0.07895	1.07895	0.182298	0.728655	-1.3724	0.693669	1.09257	1.09257	0.556606	0.875489	-1.14222	0.501161	0.858398	-1.16496	0.152552	0.709869	-1.40871	0.513166	1.15987	1.15987	0.536487	1.15025	1.15025	0.850708	0.673846	0.70409	1
cg05672945	SCN4A;SCN4A	0.595765	0.869154	1.05463	1.05463	0.0509505	0.24888	1.24888	0.722161	1.26586	1.26586	0.629491	0.854863	-1.16978	0.542265	0.819477	-1.22029	0.524259	1.81206	1.81206	0.215143	0.9255	1.0126	1.0126	0.905925	1.00543	1.00543	0.910812	0.850699	1.40199	1.44493	1
cg12162694	ZNF643	0.595772	0.220587	1.78589	1.78589	0.860908	0.924064	1.08218	0.623188	1.24982	1.24982	?	?	?	?	?	?	0.823231	0.90459	-1.10506	0.132847	0.881806	0.752458	0.799426	1.25793	1.25793	0.850472	0.918529	1.0887	0.837818	0.24162	0.28458	1
cg06210871	SHANK2	0.595773	0.14328	1.66007	1.66007	0.20286	1.54219	1.54219	0.944737	1.02259	1.02259	0.714849	0.888482	-1.12552	0.200712	0.646941	-1.54573	0.981762	0.992661	-1.00739	0.6124	1.16801	1.16801	0.883343	0.953788	-1.04845	0.6568	1.15501	1.15501	0.850688	1.39904	1.46186	1
cg06733652	ZDHHC11	0.595774	0.205106	0.541444	1.84809	0.793867	1.12768	1.12768	0.792065	0.886349	-1.12823	0.833013	1.30172	1.30172	0.0634857	0.384994	-2.5956	0.622859	0.796532	-1.25544	0.628376	0.477182	-1.70133	0.660146	0.818212	-1.22514	0.638645	0.80489	-1.24241	0.850686	2.83718	3.36493	1
cg11824945	TRAF5;TRAF5;TRAF5	0.595778	0.520088	0.549976	-1.81826	0.151157	0.09818	0.09818	0.240933	3.08239	3.08239	0.979205	1.02419	1.02419	0.270523	0.349237	-2.86339	0.835674	0.826576	-1.20981	0.870137	1.16187	1.16187	0.491076	0.526577	-1.89906	0.585192	0.60326	-1.65766	0.850681	11.3287	11.8375	1
cg25023174	NTN1	0.595779	0.631363	1.32751	1.32751	0.0398711	3.05609	3.05609	0.907234	0.946546	-1.05636	0.874097	0.918127	-1.07744	0.384905	1.52346	1.52346	0.569849	1.3104	1.3104	0.444716	1.45482	1.45482	0.732217	1.17534	1.17534	0.823115	0.900047	-1.11105	0.850678	2.78553	3.11462	1
cg27597084	C11orf61	0.595784	0.11932	1.89846	1.89846	0.0398711	0.930189	-1.07505	0.118336	0.673676	-1.48439	0.735264	1.13736	1.13736	0.296952	1.50695	1.50695	0.490999	1.30382	1.30382	0.946535	1.02576	1.02576	0.274014	1.53983	1.53983	0.461386	1.32893	1.32893	0.850671	1.93768	2.02474	1
cg15746415	TRA2B	0.59787	0.589092	1.13773	1.13773	0.47838	1.18594	1.18594	0.406622	1.22247	1.22247	0.561638	0.870348	-1.14897	0.523257	1.16541	1.16541	0.889678	0.967693	-1.03339	0.577485	1.14243	1.14243	0.04733	1.71073	1.71073	0.56589	1.1472	1.1472	0.850665	0.754315	0.788209	1
cg02320454	GPR150	0.595797	0.642573	1.83477	1.83477	0.192564	1.16595	1.16595	0.732664	1.12672	1.12672	0.425857	1.54483	1.80218	0.66448	1.24782	1.24782	0.634865	1.81091	1.81091	0.45581	1.1976	1.1976	0.392742	1.6458	1.6458	0.986702	1.03737	1.03737	0.850651	0.162612	0.20017	1
cg05425936	STK32C	0.595801	0.617841	1.27126	1.27126	0.798185	1.13005	1.13005	0.696909	0.829636	-1.20535	0.342847	1.59409	1.59409	0.147168	2.10069	2.10069	0.489871	1.39751	1.39751	0.0740858	2.58513	2.58513	0.65596	1.23856	1.23856	0.998058	1.00116	1.00116	0.850644	3.06739	3.2053	1
cg05804011	CNPY2	0.595809	0.330886	0.86097	-1.15344	0.697053	1.20124	1.05724	0.327761	0.876526	1.07626	0.644244	1.13377	1.13377	0.0966255	1.27644	1.27644	0.697565	0.759841	1.08282	1.08282	0.955313	1.1318	1.1318	0.893403	1.13246	1.13246	0.863162	0.727553	0.82802	1
cg00435616	C7orf50;C7orf50;C7orf50	0.595815	0.340777	0.627277	-1.59419	0.895743	1.06426	1.06426	0.479233	1.40735	1.40735	0.304582	1.65713	1.65713	0.917431	0.710732	-1.40732	0.96821	1.01911	1.01911	0.185186	0.512986	-1.94937	0.246106	0.562003	-1.77935	0.510849	1.37277	1.37277	0.850623	0.34038	0.37716	1
cg08573089	BAG3	0.595815	0.425178	0.83362	-1.19959	0.248498	0.763715	-1.30939	0.162375	0.716548	-1.39558	0.35552	0.808661	-1.23661	0.250717	0.764764	-1.30759	0.560665	1.1405	1.1405	0.643543	1.10974	1.10974	0.963744	1.01021	1.01021	0.353401	0.80786	-1.23784	0.850623	0.672686	0.702048	1
cg23882234	POU6F1	0.595825	0.368392	1.74738	1.74738	0.0398711	1.32092	1.32092	0.577625	1.1566	1.1566	0.53882	1.17461	1.17461	0.203655	1.38379	1.38379	0.24458	1.72921	1.72921	0.133786	0.598071	1.67203	0.638073	1.10611	1.10611	0.12682	1.53279	1.53279	0.858449	1.04725	1.04725	0.850615	0.901076	0.941623	1
cg11930490	RBM22	0.595824	0.684639	1.09374	1.09374	0.380608	2.12818	1.21818	0.263696	1.29135	1.29135	0.829464	1.04847	1.04847	0.214498	0.750681	-1.33212	0.848666	1.04281	1.04281	0.596363	0.888319	1.12446	0.639352	0.901609	-1.10913	0.764641	1.37054	1.37054	0.850608	0.64877	0.677967	1
cg25879395	SPG21;SPG21;SPG21	0.595833	0.462117	1.20983	1.20983	0.0398711	0.779315	1.28315	0.683652	0.913655	-1.09501	0.444482	0.852893	0.61307	-1.63097	0.555665	0.643371	0.944078	1.08212	1.08212	0.660907

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Combined 2ST vs. N)	Fold-Change(1217 vs. Combined 2ST vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg23458168	ZNF536		0.598561	0.683197	-1.57929	0.202351	0.329234	-1.09373	0.165236	0.288819	-3.46238	0.311384	1.40792	2.40792	0.945599	1.05893	1.05893		0.876965	0.878102	-1.13882	0.902468	0.902192	1.10841	0.8693	0.690757	-1.4353	0.321715	2.36071	2.36071	0.845544	0.47232	0.91101	1
cg23431508	FAM173B;CCT5		0.596512	0.133661	0.724445	-1.38037	0.4457	1.1678	1.1678	0.76822	1.06065	1.06065	0.252196	0.787933	-1.26914	0.48789	0.868985	-1.15077	0.582522	0.895274	-1.11698	0.443616	0.855868	-1.1684	0.212833	0.769938	-1.29881	0.963413	1.00918	1.00918	0.845141	0.534241	0.558085	1
cg08402080	NANOS3		0.596514	0.109676	0.426601	-2.34411	0.891853	0.935708	-1.06871	0.826513	0.89832	-1.11339	0.221819	0.534047	-1.87249	0.158761	0.479105	-2.08723	0.563155	0.751605	-1.33049	0.281801	0.5790333	-1.72702	0.422452	0.670137	-1.49223	0.292563	0.586594	-1.70476	0.849538	3.21076	3.35948	1
cg15099371	ORAOJ;ORAI2		0.596532	0.706747	0.802935	-1.24543	0.476954	1.84955	1.84955	0.333707	2.33469	2.33469	0.733869	1.78821	-1.33668	0.135388	0.254409	-3.9299	0.872617	0.872455	-1.14619	0.17166	2.28013	-3.44673	0.645596	0.674502	-1.48257	0.543178	0.592536	-1.68766	0.849511	0.72913	0.10181	1
cg15385562	FBN1		0.596536	0.86562	0.975917	-1.02468	0.893538	0.980912	-1.01946	0.351241	0.870121	-1.14808	0.272136	0.848351	-1.17876	0.046579	0.720338	-1.38824	0.594666	0.926765	-1.08209	0.983263	1.00296	1.00296	0.564201	0.91952	-1.08752	0.361864	0.873801	-1.14443	0.849504	0.278731	0.291654	1
cg26757376	CCNF		0.596538	0.728548	1.37006	1.37006	0.0856802	5.56548	5.56548	0.0863929	5.53941	5.53941	0.99455	1.00619	0.869111	-1.0813537	-1.16072		0.925525	0.91898	-1.08816	0.750735	1.33377	1.33377	0.957485	1.04936	1.04936	0.976358	0.973355	-1.02737	0.845501	0.10873	11.4967	1
cg01389409	ZNF786		0.596547	0.820697	0.87099	-1.14812	0.58707	0.716311	-1.39604	0.924101	0.943671	-1.05969	0.613224	1.3636	1.3636	0.0880686	0.318141	-3.14326	0.5711	0.7059	-1.41663	0.183073	0.4233555	-2.36209	0.933268	0.950332	-1.05228	0.212009	0.449375	-2.22531	0.849488	4.98063	5.21165	1
cg22032075	PTCH2		0.596557	0.295493	0.887668	-1.12633	0.916002	0.978855	-1.02164	0.470296	0.916749	-1.09081	0.509718	0.870471	-1.1488	0.141474	0.37838	-1.37838	0.921097	1.02021	1.020217	0.153696	0.733437	-1.36344	0.904854	1.02457	1.02457	0.989149	0.997244	-1.00276	0.849472	0.554218	0.579935	1
cg28183336	RNF149		0.596558	0.429283	2.22589	2.22589	0.75023	0.756129	-1.32253	0.190691	0.244544	-4.08924	0.740483	1.38534	1.38534	0.589119	0.17858	-2.17018	0.436533	0.21636	2.19636	7	7	7	0.622921	0.632325	0.72383	1
cg19264028	DDR2;DDR2		0.596566	0.200002	0.577952	-1.73025	0.875166	1.06574	1.06574	0.759342	0.882995	-1.13251	0.531079	0.77341	-1.29298	0.346215	1.48118	1.48118	0.903314	0.951977	-1.05045	0.111095	2.01966	2.01966	0.71999	0.864352	-1.15694	0.916337	0.958339	-1.04347	0.849457	2.2064	2.30882	1
cg13316759	TSPYL6;ACVP2		0.596569	0.533678	1.19054	1.19054	0.901682	1.02139	1.02139	0.815029	0.884639	1.1304	0.264792	0.731424	1.36737	0.0107853	0.14001	-7.14286	0.891431	0.965597	1.03563	0.646636	1.20912	1.20912	0.157474	0.988584	1.01155	0.597483	0.992153	-1.00791	0.849473	0.09013	0.925115	1
cg16443009	SRRM3		0.596569	0.573636	1.68494	1.68494	0.0470054	0.85353	0.853353	0.216842	3.29495	3.29495	0.819041	1.23402	1.23402	0.81999	1.23556	1.23556	0.453912	0.21381	2.01381	0.95236	1.05635	1.05635	0.868103	1.16476	1.16476	0.746598	0.742668	-1.3465	0.849453	11.328	11.8539	1
cg14162940	C20orf160		0.596577	0.30422	0.597344	-2.56626	0.304872	0.939274	-1.06436	0.262679	0.872124	-1.5267	0.636625	1.15791	-1.02851	0.387733	0.459514	-2.17621	0.223294	0.329013	-3.0398	0.102857	0.206423	-4.84438	0.583024	1.63221	1.6321	0.977287	0.975305	-1.02532	0.849451	10.3789	10.8408	1
cg19635644	USAC2;MIR623;USAC2;USAC2		0.596573	0.660266	1.24896	1.24896	0.598606	1.30601	1.30601	0.880471	1.07856	1.07856	0.506777	1.42088	1.42088	0.486988	0.701204	-1.42612	0.151259	0.21604	2.16604	0.0768727	2.68806	2.68806	0.549967	1.55527	1.55527	0.739522	1.18258	1.18258	0.849447	1.39834	3.55613	1
cg13722123	GRM1;GRM1		0.596576	0.344051	0.796951	-1.25478	0.325266	1.26685	1.26685	0.637699	0.895427	-1.11679	0.340639	0.795591	-1.26593	0.914197	1.09376	1.09376	0.848495	0.970719	-1.03016	0.486794	0.84829	-1.17884	0.675714	1.10293	1.10293	0.272957	1.30433	1.30433	0.849442	0.729405	0.763372	1
cg19489447	CYP2J1		0.596579	0.778405	1.32434	1.32434	0.532054	0.53232	-1.87857	0.872992	1.17286	1.17286	0.320575	2.77978	2.77978	0.120431	0.180754	-5.35464	0.793951	0.77406	-1.2979	0.364726	0.395423	-2.52894	0.932792	2.7054	2.7054	0.607393	0.596745	-1.67976	0.849418	13.3502	13.9703	1
cg19676875	MID1IP1;MID1IP1;MID1IP1;MID1IP1		0.59658	0.204369	0.154289	-6.48134	0.668348	0.548051	-1.82465	0.840994	0.755565	-1.32352	0.270318	0.46095	0.46095	0.35663	3.75454	3.75454	0.178993	0.136414	-7.33065	0.804113	1.41449	1.41449	0.880163	1.23431	1.23431	0.728061	1.62756	1.62756	0.849436	26.1948	27.4114	1
cg23219193	FZD7		0.596581	0.518176	1.39475	1.39475	0.260306	1.81547	1.81547	0.0832959	2.64793	2.64793	0.244789	0.442085	1.48898	1.48898	0.832978	1.11322	1.11322		0.509084	1.40521	1.40521	0.423728	0.660356	1.51434	1.51434	0.434815	1.49888	1.49888	0.400158	1.54872	1.54872	0.849435	3.47043	3.63162	1
cg24364910	GABRD		0.596585	0.985414	0.996241	-1.00377	0.835588	0.958087	-1.04375	0.356811	1.21563	1.21563	0.990521	0.997555	-1.00245	0.411195	0.841273	-1.18868	0.790587	1.01637	1.01637	0.172552	1.34374	1.34374	0.353764	0.821543	-1.21722	0.202573	0.757926	-1.31939	0.849428	0.571061	0.59759	1
cg00812557	TBC1D1		0.596585	0.365243	0.678779	-1.47323	0.873069	1.06886	1.06886	0.175581	0.548887	-1.82187	0.235239	0.59564	-1.67887	0.268322	0.618664	-1.61639	0.55082	0.77774	-1.28578	0.699452	0.850809	-1.17535	0.372175	1.46461	1.46461	0.313107	0.647563	-1.54425	0.849428	2.33354	2.44195	1
cg26276330	CMA5		0.596585	0.365356	1.55726	1.55726	0.135178	1.08637	1.08637	0.862844	0.945513	-1.05763	0.401651	1.3207	1.3207	0.18564	1.5758	1.5758	0.341112	1.3418	1.3418	0.187468	0.659398	-1.51748	0.93336	1.02747	1.02747	0.434807	1.2946	1.2946	0.849413	1.41243	1.47487	1
cg18652289	MBD3		0.596628	0.509183	0.69673	-1.43528	0.475335	1.47953	1.47953	0.614579	1.31521	1.31521	0.855414	1.10344	1.10344	0.163913	0.44861	-2.22911	0.835353	0.893768	-1.11886	0.136407	0.420669	-2.37717	0.380305	0.615302	-1.62522	0.472551	0.674165	-1.48332	0.849362	3.9173	4.0996	1
cg18852486	TMCC2		0.596666	0.21245	0.74233	-1.34703	0.85273	0.959755	-1.04196	0.153656	0.780972	-1.28063	0.466196	0.869689	1.15026	0.362645	0.112789	8.86751	1.028171	1.028171	1.028171	0.0769097	0.663491	1.50723	0.634604	0.781107	1.28007	1.28007	0.663471	-1.50723	0.849465	2.55711	2.71009	1
cg10361765	NAV2		0.596662	0.807598	1.0842	1.0842	0.127836	1.72549	1.72549	0.496858	0.79566	-1.25682	0.669826	0.867513	-1.15272	0.218526	0.651259	-1.53549	0.724374	1.12447	1.12447	0.914271	1.03633	1.03633	0.647146	1.16499	1.16499	0.325719	0.714448	-1.39968	0.849431	1.47692	1.54575	1
cg12380319	HDAC11;HDAC11;HDAC11		0.596666	0.165834	1.5057	1.5057	0.737676	0.911111	-1.09756	0.39414	0.78528	-1.27343	0.601477	1.15712	1.15712	0.41421	0.793604	-1.26027	0.357796	1.05092	1.05092	0.506029	1.16228	1.16228	0.267007	0.692124	-1.44483	0.565913	1.17434	1.17434	0.849403	1.03159	1.07968	1
cg05863911	SNORD60;TRAF7		0.596674	0.67233	1.3434	1.3434	0.532054	0.51232	-1.87857	0.872992	1.17286	1.17286	0.320575	2.77978	2.77978	0.120431	0.180754	-5.35464	0.651689	1.07021	1.07021	0.431374	1.12668	1.12668	0.842704	0.921769	-1.08487	0.262525	1.18882	1.18882	0.849291	0.299886	0.313868	1
cg16390448	RGMA;RGMA;RGMA;RGMA;RGMA;RG		0.596675	0.848552	0.966603	-1.03455	0.173147	1.29374	1.29374	0.750397	0.944873	-1.05834	0.590574	0.908011	-1.10131	0.749918	0.35846	1.05846	0.849227	1.03439	1.03439	0.800923	1.04591	1.04591	0.0748419	1.42266	1.42266	0.427148	1.15494	1.15494	0.849289	0.424611	0.444409	1
cg13915481	RAI2		0.596675	0.348494	0.168275	-5.94266	0.489858	0.273851	-3.65163	0.740984	0.542002	-1.84501	0.211272	11.789	11.789	0.218021	9.79743	9.79743	0.222149	0.093586	-10.6874	0.003363	1.76725	1.76725	0.172552	1.21556	1.21556	0.944648	1.13679	1.13679	0.849289	45.8572	47.9954	1
cg15035558	FBN1		0.596678	0.886761	0.960864	-1.04071	0.534049	0.83824	-1.19298	0.151667	0.650267	-1.53783	0.66215	1.1311	1.1311	0.304079	0.742139	-1.34746	0.509565	1.20616	1.20616	0.201217	1.45963	1.45963	0.743164	1.0965	1.0965	0.932711	0.976617	-1.02394	0.849284	1.05588	1.10512	1
cg13224161	COL11A2;COL11A2;COL11A2		0.596683	0.438663	1.28995	1.28995	0.484868	1.24686	1.24686	0.496886	1.22657	1.22657	0.838183	1.04605	1.04605	0.727823	1.18864	1.18864	0.558807	1.15161	1.15161	0.511661	1.27228	1.27228	0.859398	1.07278	1.07278	0.867381	1.16271	1.16271	0.712856	0.712864	0.440279	0.845277	1.81821	1
cg16312900	SPATA20		0.596685	0.662889	1.35573	1.35573	0.180417	2.68377	2.68377	0.129342	1.31871	1.31871	0.293593	2.13007	2.13007	0.779652	1.21491	1.21491	0.522728	0.637882	-1.56769	0.937835	1.05563	1.05563	0.641357	1.72445	1.72445	0.24906	2.30755	2.30755	0.849272	6.47952	6.78177	1
cg16470760	CD4		0.596688	0.212451	0.748233	-1.33629	0.857273	0.967859	-1.03318	0.284344	0.781758	-1.27907	0.486626	0.876883	1.14167	0.316557	0.617737	1.61817	0.744926	0.866398	0.710887	1.40737	1.40737	0.0905545	0.710535	1.40737	1.40737	0.0905545	0.710535	0.849283	1.41187	1.49401	1.57412	1
cg19402885	PTPRO;PTPRO		0.596692	0.926193	0.964557	-1.03674	0.771931	1.11985	1.11985	0.833358	1.08552	1.08552	0.814679	0.91261	-1.09576	0.302109	0.659445	-1.51643	0.13431	0.533218	-1.87541	0.458613	0.745339	-1.34167	0.249307	0.59831	-1.67131	0.441707	0.743077	0.849283	1.34979	1.34979	0.849263	2.04021	2.13541	1
cg19777771	ZNF207;MIR632;ZNF207;ZNF207		0.596695	0.507997	1.15406	1.15406	0.974221	0.993129	-1.00692	0.166996	0.730278	-1.36934	0.516434	1.15069	1.15069	0.943621	0.985023	-1.0152	0.609131	1.11631	1.11631	0.117611	1.43707	1.43707	0.933838	0.982441	-1.01787	0.566634	0.883751	-1.13154	0.849258	0.612281	0.640853	1
cg18275321	HNRNPA3;HNRNPA3;HNRNPA3;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg15279364	TMEM130;TMEM130;TMEM130	0.597458	0.684785	0.661114	-1.5126	0.211461	1.79934	3.79934	0.213152	3.7787	3.7787	0.955318	1.05846	1.05846	0.539981	1.87596	1.87596	0.569301	1.5581111	-1.79176	0.26365	1.25939	1.25939	0.442462	2.2134	2.2134	0.190513	4.07852	4.07852	0.848075	13.8099	14.4746	1
cg26429781	KIF20B;KIF20B;KIF20B	0.597463	0.212954	0.341782	-2.92584	0.517985	0.584834	-1.70989	0.732071	1.32484	1.32484	0.790451	1.02172	1.02172	0.107194	0.237108	-4.21749	0.60165	0.649796	-1.53895	0.452127	0.534209	-1.87193	0.1603	0.292954	-3.41351	0.919985	1.08572	1.08572	0.868068	8.99797	9.43107	1
cg22421148	BLCAP;BLCAP;BLCAP;BLCAP;NNAT;NNA	0.597471	0.717215	1.19505	1.19505	0.0837145	2.55411	2.55411	0.164316	2.06872	2.06872	0.870843	1.08298	1.08298	0.553543	1.34125	1.34125	0.578006	1.31693	1.31693	0.171197	2.04163	2.04163	0.356611	1.5912	1.5912	0.535772	1.35961	1.35961	0.848055	3.22349	3.3787	1
cg23129463	AFAP1L1;AFAP1L1	0.597479	0.0869908	0.413803	-2.41661	0.654236	1.23426	1.23426	0.767013	0.870479	-1.48789	0.804806	0.915299	-1.09254	0.931093	0.420557	-2.3778	0.911285	0.949297	-1.05341	0.945655	0.968676	-1.03234	0.608111	0.785483	-1.2731	0.731883	0.851665	-1.17417	0.848044	2.92736	3.06836	1
cg26529484	SLC2A7	0.597483	0.729391	1.15574	1.15574	0.0654385	2.36907	2.36907	0.960727	1.02075	1.02075	0.654329	1.20681	1.20681	0.567295	1.22736	1.22736	0.873861	0.935881	-1.06851	0.779977	1.1239	1.1239	0.297468	0.6373	-1.56912	0.512727	0.758126	-1.31904	0.848037	2.33664	2.4492	1
cg25322095	HBM	0.597497	0.1130664	0.769479	-1.29958	0.612664	0.92536	-1.08066	0.452182	0.890141	-1.12342	0.240496	0.829677	-1.20529	0.300731	1.17696	1.17696	0.9508	1.00942	1.00942	0.412986	0.880583	-1.13561	0.5700001	0.916467	-1.09115	0.913135	1.01672	1.01672	0.848016	0.3100571	0.3250116	1
cg21880936	AFAP1;AFAP1 TMEM205;TMEM205;CCDC159;TMEM	0.597499	0.200567	0.464224	-2.15413	0.200783	0.464413	-2.15326	0.274085	0.524145	-1.90787	0.466778	0.656823	-1.52248	0.146596	0.415019	-2.40953	0.652752	0.773302	-1.29316	0.251525	0.506469	-1.97445	0.201984	0.465468	-2.14838	0.623367	0.755065	-1.32439	0.848013	4.32719	4.55577	1
cg23523129	205	0.597515	0.745707	1.04519	1.04519	0.30092	0.864526	-1.1567	0.221216	0.839755	-1.19082	0.88649	0.977745	-1.02276	0.403577	0.890402	-1.12309	0.26882	0.855206	-1.16931	0.456972	1.10995	1.10995	0.377969	1.13072	1.13072	0.602909	1.07388	1.07388	0.847987	0.247726	0.259674	1
cg17752088	HOMER1 SLC39A14;SLC39A14;SLC39A14;SLC39A	0.597529	0.0723267	0.5183011	-1.92974	0.0254734	0.0446144	-2.24144	0.464329	0.844436	1.18563	0.0439955	0.0488251	1.21287	0.0196254	0.408059	1.21287	0.569301	1.5581111	-1.79176	0.26365	1.25939	1.25939	0.442462	2.2134	2.2134	0.190513	4.07852	4.07852	0.848077	0.698427	0.732124	1
cg22483449	14	0.597529	0.709634	1.16871	1.16871	0.234577	1.68073	1.68073	0.160204	1.86959	1.86959	0.488542	1.34085	1.34085	0.65105	0.832009	1.20191	0.649355	0.836301	-1.21021	0.421788	0.732305	-1.40785	0.429584	0.714551	-1.30948	0.482507	1.34651	1.34651	0.847965	2.33338	2.44599	1
cg06617876	LCN8	0.597531	0.586064	0.771906	-1.29549	0.297709	0.601531	-1.66243	0.308128	1.64325	1.64325	0.818943	1.114	1.114	0.437493	0.688728	-1.45195	0.210331	0.537133	-1.86174	0.530314	0.741334	-1.34892	0.275086	0.585884	-1.70682	0.505214	1.37483	1.37483	0.847963	2.97715	3.12084	1
cg20406758	KCNQ1;KCNQ1OT1;KCNQ1	0.597538	0.36076	0.767946	-1.30217	0.456789	0.808174	-1.23736	0.736939	0.609980	-1.63956	0.290152	0.61993	-1.61293	0.604172	1.65812	1.15832	0.119444	0.62198	-1.60777	0.802092	0.370213	1.07313	0.920228	0.972241	-1.02855	0.945564	1.01938	1.01938	0.847952	1.06065	1.11185	1
cg07735790	GRM4	0.597544	0.309912	0.412466	-2.42495	0.607926	0.437683	1.43783	0.107409	1.30574	1.3974	0.588179	1.45304	1.46304	0.37471	0.530382	1.85543	0.638734	1.38974	1.38974	0.762666	0.832476	-1.20124	0.894184	0.915155	-1.09705	0.465809	0.596552	1.6763	0.847942	6.50582	6.81898	1
cg15950575	TRPC1	0.597551	0.745003	1.1719	1.1719	0.117868	0.438047	-2.28286	0.653692	1.24547	1.24547	0.50992	0.72259	-1.38391	0.158135	0.480253	-2.08224	0.532639	0.735497	-1.35962	0.510621	1.38314	1.38314	0.609453	0.778455	-1.2846	0.525365	0.731378	-1.36728	0.847932	3.17301	3.32627	1
cg04907644	EPHB1	0.597571	0.199807	0.205009	-4.87946	0.715498	0.65209	-1.53353	0.992065	1.01168	1.01168	0.172176	0.48189	0.546193	0.2897	2.97099	2.97099	0.258388	0.252234	-3.96468	0.919391	1.12561	1.12561	0.795449	1.35453	1.35453	0.875215	1.20149	1.20149	0.847897	18.3219	19.2077	1
cg22825819	MYO9A;SENP8;SENP8	0.597581	0.224807	0.1631666	-6.13088	0.745314	1.13396	1.13396	0.735092	0.43783	-2.28525	0.980909	1.64559	1.64559	0.397358	0.998733	0.122727	0.38285	0.70988	-1.40869	0.669322	0.848316	-1.17881	0.209067	1.66029	1.66029	0.273316	1.54732	1.54732	0.847886	1.96881	2.06402	1
cg04633683	MVP;MVP	0.597588	0.168441	0.286977	-3.48459	0.123936	4.12557	4.12557	0.410238	0.48855	-2.04687	0.744026	0.756765	-1.32141	0.472127	0.536813	-1.86285	0.659637	0.685921	-1.45789	0.600516	0.637985	-1.56744	0.940137	1.06597	1.06597	0.650702	0.678598	-1.47363	0.847874	9.71592	10.1859	1
cg25504403	ORAOV1	0.597591	0.351321	1.55833	1.55833	0.600753	1.7257	1.7257	0.275858	0.558282	-1.68668	0.721066	0.847622	-1.17995	0.198453	1.00466	1.00466	0.357745	1.54671	1.54671	0.396003	1.49187	1.49187	0.163181	1.98844	1.98844	0.319269	1.60742	1.60742	0.847871	2.85547	2.99361	1
cg09317632	ZSCAN22	0.597629	0.867123	0.95337	-1.04891	0.143707	1.57058	1.57058	0.421606	1.26378	1.26378	0.352726	1.31349	1.31349	0.652737	0.878832	-1.13787	0.677473	1.12668	1.12668	0.218394	0.691303	-1.44654	0.55816	0.844617	-1.18397	0.953206	0.983405	-1.01688	0.847812	1.09189	1.14479	1
cg17462417	PUM1;PUM1	0.597642	0.84534	1.1427	1.1427	0.105998	1.33714	1.33714	0.125402	1.20461	1.20461	0.708551	1.17453	1.74243	0.74243	0.708307	0.773728	1.29244	1.29244	1.012133	0.929204	1.20741	1.20741	1.205103	1.20741	1.20741	1.134837	0.837887	0.809501	-1.15009	0.869757	0.91391	1
cg08462372	PCGF3	0.597652	0.420693	1.6828	1.6828	0.783519	1.19034	1.19034	0.111708	2.99205	2.99205	0.18212	2.44971	2.44971	0.354866	1.82607	1.82607	0.145352	2.68927	2.68927	0.736996	1.23769	1.23769	0.340505	1.86166	1.86166	0.428782	1.66707	1.66707	0.847776	5.37447	5.63511	1
cg00502007	CACNA1H;CACNA1H	0.597654	0.255401	1.46544	1.46544	0.503194	0.804519	-1.24298	0.390248	0.753254	-1.32757	0.810922	0.925762	-1.08019	0.845088	0.938981	-1.06498	0.320895	1.39109	1.39109	0.904353	0.962048	-1.03945	0.178618	0.58395	1.58395	0.342948	1.36952	1.36952	0.847773	1.39086	1.45832	1
cg04821091	SLC25A14;SLC25A14	0.597662	0.242464	0.2720923	-3.67795	0.450054	0.443883	-2.25285	0.980909	1.01459	1.01459	0.130688	0.544601	0.829589	0.20585	3.48551	3.48551	0.259062	0.289385	3.4556	0.1398	0.844585	1.18435	0.825592	1.1036	1.1036	0.822386	1.26277	1.26277	0.84776	14.9516	15.9729	1
cg24988451	BDH2	0.597662	0.9938	1.00232	1.00232	0.944996	1.02079	1.02079	0.679593	0.883525	-1.13183	0.937166	0.990021	-1.01008	0.073830	1.8115	1.8115	0.170799	1.54478	1.54478	0.572503	1.18536	1.18536	0.299654	1.37782	1.37782	0.717809	1.11428	1.11428	0.847766	1.19373	1.25164	1
cg18220666	EBF2	0.597662	0.401922	0.4483934	-2.28105	0.319553	0.737945	-1.35571	0.280353	0.739758	-1.35137	0.280353	0.739758	-1.34327	0.283205	1.12718	1.12718	0.295041	0.533286	-2.84021	0.351	0.84179	1.24179	0.805758	0.977969	-1.47066	0.88709	0.872148	-1.14633	0.84776	12.4065	13.0083	1
cg08765301	KIAA0284;KIAA0284	0.597663	0.324165	1.18931	1.18931	0.615126	0.917302	-1.09015	0.878694	1.02635	1.02635	0.616226	0.917553	-1.08986	0.524096	1.1162	1.1162	0.894021	0.977561	-1.02295	0.862105	1.38096	1.38096	0.70805	1.82821	1.82821	0.148042	1.18469	1.18469	0.847758	1.38927	1.40816	1
cg08162224	OPN3	0.597679	0.647852	1.32503	1.32503	0.326126	1.85853	1.85853	0.220544	2.19953	2.19953	0.333342	1.84171	1.84171	0.256412	2.0647	2.0647	0.411091	1.67262	1.67262	0.0664103	1.52505	1.52505	0.536529	1.46672	1.46672	0.492273	1.53239	1.53239	0.847734	5.02867	5.2728	1
cg07584620	MOXN1	0.597681	0.2916401	0.1329901	-7.52193	0.187997	0.2849	-3.50911	0.787848	0.904704	-1.10551	0.781843	0.866861	-1.15386	0.784257	1.1589	1.1589	0.789368	1.65205	1.65205	0.725409	0.65839	0.65839	0.462297	0.96071	0.96071	0.0937852	0.0334149	-29.9268	0.847715	45.6709	47.8891	1
cg20469991	C17orf63;C17orf63	0.597699	0.958519	1.00962	1.00962	0.461726	0.871213	-1.14782	0.461474	1.14792	1.14792	0.324164	0.829145	-1.20636	0.593548	1.12108	1.12108	0.223554	1.26529	1.26529	0.194437	0.776791	0.776791	-1.28735	0.564359	0.898329	-1.11318	0.786317	1.05127	1.05127	0.847703	0.454573	0.476658	1
cg07662273	ZBTB3	0.597704	0.1846649	0.1707055	-5.85624	0.284711	0.616077	-1.62266	0.322546	1.37226	1.37226	0.214083	0.703103	1.42482	0.284048	1.42482	1.42482	0.703165	1.09277	1.09277	0.791072	0.852877	0.852877	0.889351	1.17459	1.17459	0.847731	1.17482	1.17482	0.847708	0.915419	0.962746	1
cg09059585	HTR7P;HEBP1;HEBP1	0.597715	0.981546	1.00493	1.00493	0.0605914	0.637618	-1.56834	0.754696	1.06894	1.06894	0.821793	0.953148	-1.04916	0.331305	0.807993	1.23763	0.981956	1.00482	1.00482	0.691048	1.08868	1.08868	0.491519	1.16022	1.16022	0.603545	1.11788	1.11788	0.847677	0.607388	0.636918	1
cg17769229	NR3C1;NR3C1;NR3C1	0.597715	0.168048	0.37627	-2.65767	0.343823	0.522677	-1.91323	0.389733	0.556232	-1.79752	0.654474	1.34948	1.34948	0.412943	0.57298	-1.74526	0.692574	0.767679	-1.30263	0.211981	0.414697	-2.39826	0.56167	1.4776	1.4776	0.247709	0.44751	-2.23459	0.847677	5.94278	6.23171	1
cg15396799	ABCC4;ABCC4;ABCC4;ABCC4	0.597716	0.946204	1.08687	1.08687	0.222907	1.74713	1.74713	0.129153	1.29616	1.29616	0.604745	1.14646	1.14646	0.837325	0.747432	1.33814	0.849451	1.10168	1.10168	0.647004	0.744107	0.744107	0.840339	1.17739	1.17739	0.587236	1.07723	1.07723	0.125012	1.25281	1.24726	0.205949	1
cg12439195	MFSD6	0.597717	0.843591	0.954244	-1.04795	0.607426	0.884383	-1.13073	0.151501	1.4344	1.4344	0.3809	1.2375	1.2375	0.126709	1.47946	1.47946	0.656777	0.89939	-1.11186	0.79443	0.939965	-1.06387	0.876128	0.96369	-1.03768	0.637942	0.893702	-1.11884	0.847675	0.75471	0.791404	1
cg00387460	BAZ1B	0.597727	0.2509037	0.1812466	-5.51707	0.258387	0.458187	-1.51886	0.260353	1.45953	1.45953	0.654855	0.98334	-1.02965	0.941758	0.715442	-1.39774	0.795457	1.09397	1.09397	0.752442	0.731476	0.731476	0.601822	1.04864	1.04864	0.885611	1.08594	1.08594	0.847666	1.02822	1.06464	1
cg14837848	ZBTB9	0.597728	0.344107	0.848653	-1.17834	0.52932	0.898246	-1.11328	0.683429	1.07148	1.07148	0.696709	0.93617	-1.06818	0.502403	0.91972	-1.12145	0.908312	1.01959	1.01959	0.0814798	1.38426	1.38426	0.453565	1.13719	1.13719	0.099722	1.99945	1.99945	0.847657	0.380674	0.399191	1
cg26104204	MAP3K10	0.597731	0.98568	1.00437	1.00437	0.912359	1.02713	1.02713	0.410038	1.22732	1.22732	0.115027	0.659262	-1.51685	0.230527	1.35779	1.35779	0.544385	0.861423	-1.16087	0.59102	0.876441	-1.14098	0.483267	0.840949	-1.18913	0.762424	1.0765	1.0765	0.847654	0.793547	0.832151	1
cg08246651	APH1B;APH1B	0.597736	0.321106	0.8260607	-1.21061	0.439093	0.757	-1.32067	0.218614	0.934398	0.934398	0.868638	1.07195	-1.08153	0.744782	1.30456	1.30456	0.973123	0.993091	-1.00696	0.779036	0.947195	-1.05575	0.946994	0.972063	1.02774	0.210951	0.24479	-4.08498	0.847677	0.499377	0.523675	1
cg04493177	RASGRF2	0.597738	0.163618	0.53406	1.53406	0.766868	0.108935	1.08935	0.890977	0.963785	-1.03758	0.689831	1.1224	1.1224	0.76976	1.23685	1.23685	0.274253	1.38744	1.38744	0.0725423	1.78021	1.78021	0.973123	1.00974	1.00974	0.899199	0.964179	-1.03715	0.847641	1.11229	1.16642	1
cg22530471	DDX42;CDC47;DDX42	0.597745	0.183144	0.1707456	-5.85824	0.157966	0.316216	-1.90782	0.0744	0.446146	0.446146	0.357325	0.747402	1.34196	0.149168	0.583121	1.71492	0.582324	1.42505	1.42505	0.468707	0.707382	0.707382	-1.41366	0.397883	0.778624	-1.28422	0.66509	0.664307	0.707356	0.847637	0.776454	0.827151	1
cg00131121	POLR2J	0.597751	0.995177	0.999359	-1.00004	0.7748	1.03091	1.03091	0.750253	1.03447	1.03447	0.529397	1.06996	1.06996	0.626051	1.249	1.249	0.18643	1.16027	1.16027	0.352335	1.10692	1.10692	0.639448	1.05135	1.05135	0.264877	1.13125	1.13125	0.847622	0.151215	0.158577	1
cg21236148	BSCL2	0.597755	0.995799	1.00093	1.00093	0.947655	1.13567	1.12567	0.854287	1.08685	1.08685	0.591912	1.27084	1.27084	0.391446	1.37988	1.37988	0.182357	1.14873	1.14873	0.336592	1.49511	1.49511	0.0976958	1.97099	1.97099	0.147096	0.88709	0.887098	-1.12703	0.847633	0.536715	0.587615	1
cg01616168	DNAJB6	0.597756	0.49934	0.694397	-1.4401	0.3109033	0.572505	-1.74643	0.186839	0.47513	-2.10469	0.865111	1.09464	1.09464	0.083787	0.360398	2.77471	0.929837	1.04795	1.04795	0.445543	0.642365	-1.55675	0.874331	0.991266	-1.00872	0.917179	0.576983	-1.73315	0.847599	1.37919	1.38216	1
cg14343134	UBE2O	0.597767	0.288058	0.562304	-1.7784	0.950433	0.968072	-1.03298	0.856836	1.09884	1.09884	0.631031	0.776794	-1.28734	0.071859	0.350326	-2.85449	0.134005	0.430626	-2.3222	0.706226	0.820656	-1.21854	0.667538	0.798079	-1.25301	0.884326	0.926829	-1.07895	0.847598	3.65731	3.83548	1
cg16782144	PLEKHF2	0.597771	0.844533	1.12902	1.12902	0.457651	1.55234	1.55234	0.154006	1.30403	1.30403	0.780948	1.30404	1.30404	0.368049	1.71186	1.71186	0.754156	1.03953	-1.2004	0.784257	1.08742	1.08742	0.691854	0.612432	0.740316	1.34587	1.34587	0.577755	0.847596	1.14783	1.17525	1
cg21782813	MAD1L1;MAD1L1;MAD1L1	0.597778	0.937345	1.03389	1.03389	0.653529	-1.52607	0.302033	0.653554	-1.57343	0.442734	1.39343	1.39343	0.292137	0.629182	-1.58936	0.201903	0.564833	-1.77044	0.609506	1.24406	0.743296	1.14948	1.14948	0.302333	0.635745	-1.57206	0.847581	2.4123	2.52986	1
cg24896960	HOXC9;HOXC9;HOXC5	0.597778	0.464547	0.3.0E+0	3.15052	0.863622	1.30862	1.30862	0.766768	1.21679	1.21679	0.717466	1.61209	1.61209	0.834518	1.58058	1.58058	0.550704	2.30912	2.30912	0.810698	0.609726	-1.44775	0.870158	0.672824	0.672824	0.895349	1.23093	1.23093	0.845737	31.9016	33.4586	1
cg08557188	ATP11A;ATP11A	0.597795	0.661701	1.11423	1.11423	0.2.0E+0	1.8602296	-1.16239	0.366534	1.31932	1.31932	0.686175	1.12962	1.12962	0.584525	1.38319	1.38319	0.737795	1.10607	1.10607	0.623838	1.82001	1.82001	1.82539	0.532987	0.738142	1.35475	0.610533	1.16663	1.16663	0.847554	1.20845	1.28738	1
cg11933464	ROM1;EML3	0.597808	0.661372	0.873959	-1.44232	0.569244	1.93197	1.93197	0.585982	1.18306	1.18306	0.711002	0.894704	-1.11769	0.853005	0.85833	1.05833	0.879206	1.04758	1.04758	0.842124	1.06285	1.06285	0.626164	1.1619	1.1619	0.196674	1.51776	1.51776	0.847533	2.54005	2.71524	1
cg03315687	SERTAD1	0.597815	0.223321	0.1.0E+0	3.15052	0.863622	1.30862	1.30862	0.766768	1.21679	1.21679	0.717466	1.61209	1.61209	0.834518	1.58058	1.58058	0.549405	2.22174	2.22174	0.883502	0.647349	0.810503	-1.23479	0.660139	0.660139	0.894511	1.14311	1.14311	0.838542	1.58082	1.58082	0.731525	0.907567	0.971088	0.862727	1
cg08144220	SHISA7	0.597816	0.664883	1.11758	1.11758	0.264998	1.34486	1.34486	0.648914	1.12401	1.12401	0.96615	1.01088	1.01088	0.665388	1.11737	1.11737	0.228844	1.38002	1.38002	0.61514	1.13802	1.13802	0.0502126	1.76719	1.76719	0.95321	0.985145	-1.01508	0.847521	0.873195	0.915815	1
cg00790086	RP2;RP2	0.597821	0.246702	0.331126	-3.02	0.549164	0.575205	-1.73851	0.846826	1.19298	1.19298	0.172252	0.76472	0.76472	0.47603	1.19124	1.19124	0.227559	0.314814	-3.17648	0.652253	0.661066	-1.51271	0.824888	0.816934	-1.22409	0.706336	1.41251	1.41251	0.847515	11.1748	11.7203	1
cg24176288	CACNA1C;CACNA1C;CACNA1C;CACNA1 C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACN	0.597841	0.971583	1.02242	1.02242	0.0993227	3.07866	3.07866	0.320831	1.89353	1.89353	0.802866	0.855825	-1.16846	0.792094	1.23849	1.23849	0.709037	1.26277	1.26277	0.495612	0.650084	-1.53826	0.689427	1.28407	1.28407	0.262322	0.48313	-2.06984	0.847483	5.19997	5.45402	1
cg08185814	LMF1	0.597845	0.243155	0.1.0E+0	3.15574	0.875117	0.53636	-1.86442	0.455703	0.796798	-1.41495	0.301823	1.62669	1.62669	0.0.0E+0	0.583136	1.72218	0.987064	0.992621	-1.00743	0.913893	1.04613	1.04613	0.0.0E+0	0.982502	-1.01804	0.834262	0.908716	-1.10045	0.847476	2.80146	2.93855	1
cg16320894	NMNAT3	0.597846	0.315677	0.816148	-1.22527	0.91228	0.978651	-1.02181	0.0984679	0.701276	-1.42597	0.762126	1.06125	1.06125	0.490529	0.871485	1.14699	0.942044	0.985863	-1.01434	0.608011	1.10662	1.10662	0.169692	0.750929	-1.33168	0.475491	0.867536	-1.15269	0.847475	0.51471	0.539863	1
cg23130832	TCERG1L	0.597847	0.925687	0.884258	-1.13089	0.125486	0.9022	0.9022	0.171607	0.146765	-6.81363	0.970329	0.952141	-1.05026	0.554549	0.455561	-2.1951	0.899309	0.846274	-1.18165	0.274665	0.223432	-4.47564	0.661828	0.559726	-1.78659	0.957	0.931375	-1.07368	0.847473	23.3339	24.4743	1
cg23402305	LOC100130691	0.597855	0.112973	0.1.0E+0	3.15052	0.863622	1.30862	1.30862	0.766768	1.21679	1.21679	0.717466	1.61209	1.61209	0.834518	1.58058	1.58058	0.778	1.29572	1.29572	0.639851	0.760357	0.760357	0.0.0E+0	1.36517	1.36517	0.0.0E+0	0.627643	0.593256	1.54828	0.847473	1.53111	1.54828	1
cg01712428	STX1A;STX1A	0.597854	0.778222	0.8486	-1.17841	0.105904	2.79225	2.79225	0.38597	1.67656	1.67656	0.856176	1.11125	1.11125	0.598895	0.734471	-1.36152	0.811693	0.87043	-1.14886	0.638217	0.759297	-1.31701	0.660458	1.29307	1.29307	0.217876	0.47064	-2.12477	0.847462	4.53736	4.75916	1
cg19592637	VSX1;VSX1	0.597858	0.1519468	3.7115	3.67115	0.824917	1.18568	1.18568	0.755074	1.24897	1.24897	0.755074	1.26589	0.177948	2.59453	2.94451	2.94451	0.488134	1.70012	1.70012	0.70912	0.857633	1.44487	1.44487	0.227159	1.59464	1.59464	0.748397	1.31997	1.31997	0.780317	2.3345	2.51624	1.79171	1
cg15862841	SLC25A29	0.597856	0.2.01E+0	0.598862	-1.66983	0.174825	0.321448	-3.11092	0.826202	0.220523	-4.53468	0.778945	1.24769	1.24769	0.732881	0.763828	1.30919	0.932235	0.935305	-1.06917	0.800585	1.22024	1.22024	0.726308	1.31834	1.31834	0.561403	1.58693	1.58693	0.847458	8.3008	8.70661	1
cg12949807	LONRF1	0.597857	?	?	?	0.612612	1.56482	1.56482	0.527628	1.75278	1.75278	0.652853	0.672297	-1.48744	?	?	?	0.970509	0.9681	-1.03295	0.386841	0.45938	-2.17685	0.106408	0.213076	-4.69316	0.644549	1.50289	1.50289	0.818215	7.75084	10.8261	1
cg00985842	HSPA1A;HSPA1L	0.597858	0.3.93E+0	0.573155	1.47615	0.773456	1.14787	1.14787	0.748732	1.25283	1.25283	0.533567	1.24441	1.24441	0.780314	0.927549	-1.07811	0.145448	0.546739	-1.82903	0.164868	0.541447	0.541447	0.0.0E+0	0.26766	0.26766	0.0.0E+0	0.355106	0.289279	2.63272	0.847452	16.5583	21.1425	1
cg00847095	RFWD2;RFWD2	0.597869	0.677719	0.893673	-1.11898

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00419208	TSNAX1	0.598425	0.521477	0.747658	-1.33751	0.429251	0.69688	-1.45497	0.08141229	0.42128	-2.37372	0.392848	1.47957	0.275009	0.601528	-1.66243	0.831198	1.00025	1.00025	0.542869	0.759076	-1.31739	0.511633	0.742366	-1.34704	0.901522	0.946104	-1.05087	0.84658	2.6856	2.81981	1
cg09678228	TMEM117	0.598427	0.475332	1.42375	1.42375	0.552829	1.3394	1.3394	0.433955	1.47488	1.47488	0.525511	1.36766	1.36766	0.652793	0.802195	-1.24658	0.934307	0.960672	-1.04094	0.121044	0.441218	-2.26645	0.221393	1.86933	1.86933	0.999554	0.999728	-1.00027	0.846576	3.17589	3.33463	1
cg21293124	ZNF526	0.59843	0.57414	1.20676	1.20676	0.522992	1.23896	1.23896	0.099975	1.81597	1.81597	0.354571	1.37059	1.37059	0.80069	1.08734	1.08734	0.09133008	1.850521	1.85052	0.998572	1.33119	1.33119	0.58344	1.20118	1.20118	0.339664	1.38505	1.38505	0.846571	1.46893	1.54235	1
cg03882737	UN78	0.598433	0.717807	1.08931	1.08931	0.319731	1.27431	1.27431	0.111451	1.50494	1.50494	0.548899	1.15373	1.15373	0.964527	0.98957	-1.01054	0.887029	0.96704	-1.03042	0.825056	1.05339	1.05339	0.140558	1.45319	1.45319	0.488628	0.847162	-1.18041	0.845567	0.745282	0.78254	1
cg14749465	NELL1;NELL1	0.598435	0.0518999	0.394867	-2.5325	0.99425	0.996977	-1.00303	0.600561	1.2485	1.2485	0.826749	0.912028	-1.09646	0.626094	1.22909	1.22909	0.728175	0.86366	-1.15786	?	?	?	0.96849	0.983543	-1.01673	0.682663	1.18849	1.18849	0.833616	2.07108	2.48445	1
cg20592317	NBAS;NBAS	0.59845	0.520916	1.5935	1.5935	0.311694	2.11583	2.11583	0.907564	0.92019	-1.08679	0.410339	1.82738	1.82738	0.522572	0.628741	-1.59048	0.291567	2.18946	2.18946	0.275993	2.25117	2.25117	0.112885	3.44005	3.44005	0.404676	1.84143	1.84143	0.846541	0.874272	0.72863	1
cg17471019	TMEM67;TMEM67;TMEM67	0.59845	0.165568	0.744924	-1.34242	0.642362	0.911081	-1.0976	0.199062	1.31023	1.31023	0.653691	0.914004	-1.09409	0.623967	1.10339	1.10339	0.961411	0.990412	-1.00968	0.314864	0.813061	-1.22992	0.841254	1.04074	1.04074	0.431123	1.17351	1.17351	0.846554	0.531579	0.558172	1
cg22120017	?	0.59845	0.169514	0.88825	-1.12508	0.739271	0.851797	-1.17399	0.725073	0.971965	-1.02884	0.497739	0.946071	-1.057	0.82097	0.981912	-1.01842	0.490593	0.945169	-1.05801	0.721159	1.02928	1.02928	0.935869	1.0065	1.0065	0.656142	1.03675	1.03675	0.846554	0.08069539	0.0913038	1
cg04215256	NNT;NNT	0.598457	0.348521	0.7622	-1.31199	0.275323	1.37618	1.37618	0.692219	0.894097	-1.11845	0.659439	1.13289	1.13289	0.8845625	0.58464	-1.71045	0.787468	0.926789	-1.07899	0.746448	1.09557	1.09557	0.902813	1.03497	1.03497	0.73899	1.09865	1.09865	0.84653	1.06131	1.11441	1
cg14230133	DDI;DDI;DDI	0.598458	0.2500099	0.480548	2.08096	0.115311	0.952073	-2.84232	0.309643	0.52674	-1.89847	0.824314	1.94539	1.94539	0.573038	0.700644	-1.41514	0.109675	0.437734	-2.28449	0.220807	0.456198	-2.19292	0.916587	1.09175	1.09175	0.927501	1.03846	1.03846	0.921567	1.04719	1.06189	0.846507	4.984626	5.2338	1
cg23258152	DNAJC6	0.598472	0.566039	1.19536	1.19536	0.662368	0.873586	-1.14471	0.549926	0.830212	-1.20451	0.938266	0.976455	-1.02411	0.307198	0.722418	-1.38424	0.498157	0.809342	-1.23557	0.07932331	1.82056	1.82056	0.999006	1.00038	1.00038	0.694589	1.12905	1.12905	0.846507	1.26851	1.33202	1
cg27657429	ARHGAP22;ARHGAP22	0.598472	0.630885	0.529153	-1.88911	0.06287343	0.8639421	-1.15392	0.764902	1.48001	1.48001	0.859091	1.26302	1.26302	0.519477	0.924002	-2.35948	0.231889	0.192527	5.19408	0.313776	0.280838	-3.55691	0.925374	0.41146	-2.40037	0.464845	0.379559	-2.63603	0.845506	23.1473	24.3063	1
cg27154998	PRKD2;PRKD2;PRKD2;PRKD2;PRKD2	0.598491	0.0601185	0.522205	-1.91496	0.974919	1.00968	1.00968	0.243835	0.829395	-1.2057	0.917097	0.968603	-1.03241	0.463035	0.79544	-1.25717	0.721209	1.11603	1.11603	0.979707	0.446244	-1.5474	0.626813	0.860605	-1.16197	0.935837	1.02497	1.02497	0.846476	1.25839	1.32144	1
cg02494999	TTC15	0.598492	0.712621	0.883636	-1.13169	0.438043	1.3028	1.3028	0.739414	1.11809	1.11809	0.847019	1.06672	1.06672	0.863963	0.944271	-1.05902	0.843396	0.936001	-1.06837	0.0890597	1.87211	1.87211	0.962156	1.01599	1.01599	0.18191	0.622631	-1.60609	0.846475	1.49903	1.57414	1
cg09387102	RNFT1	0.598495	0.515517	1.13099	1.13099	0.29215	1.20712	1.20712	0.916992	1.02891	1.02891	0.910812	1.01812	1.01812	0.718538	0.995568	-1.00432	0.459862	1.13906	1.13906	0.429645	0.704403	1.42084	0.183007	0.825206	1.21182	0.415284	1.1542	1.1542	0.205134	1.25891	1.27585	0.847471	0.197567	0.417595	1
cg20609715	RERE;RERE	0.598495	0.691225	0.848195	-1.17897	0.937978	1.01354	1.013054	0.360399	1.47369	1.47369	0.199459	1.74905	1.74905	0.532473	0.770473	-1.2979	0.624034	0.815685	-1.22596	0.357233	0.676733	-1.47769	0.543868	1.28835	1.28835	0.200845	1.74571	1.74571	0.846471	2.28006	2.39432	1
cg04575021	ZNF41;ZNF41	0.598505	0.140991	0.204125	-4.88997	0.870982	0.484484	-1.17719	0.852337	0.829412	-1.20564	0.153481	0.636	0.636	0.656621	1.56685	1.56685	0.260519	0.307955	-3.24573	0.773914	0.753929	-1.32639	0.949812	0.928184	-1.07737	0.874485	0.853293	-1.17193	0.846456	13.5028	14.1797	1
cg16573304	FAM119A;FAM119A	0.598525	0.274418	0.708111	-1.41221	0.624691	0.861013	-1.16142	0.937997	1.03289	1.03289	0.855678	0.946251	-1.05681	0.387947	0.764473	-1.30809	0.870999	0.951871	-1.05056	0.661432	1.14213	1.14213	0.151617	1.51603	-1.95847	0.486427	0.806834	-1.23941	0.846456	1.24492	1.29683	1
cg03385270	TMEM53;C1orf228	0.598513	0.231301	2.28033	2.28033	0.258182	2.16972	2.16972	0.326166	1.94557	1.94557	0.171837	2.59845	2.59845	0.208872	2.38623	2.38623	0.858745	1.12407	1.12407	0.970708	0.976181	-1.0244	0.820971	1.16045	1.16045	0.511373	0.64578	-1.54852	0.846444	5.77829	6.06804	1
cg09139790	DENND4B	0.598528	0.611211	0.902955	-1.10749	0.737924	1.32901	1.32901	0.428655	1.1059	1.1059	0.525214	0.87968	-1.13678	0.483431	1.15237	-1.15237	0.8334	0.958925	-1.04283	0.17283	0.749111	-1.33492	0.401681	0.843894	-1.18539	0.730172	1.07137	1.07137	0.84642	0.515525	0.558195	1
cg25147835	HNRNPM;HNRNPM PPP1R12B;PPP1R12B;PPP1R12B;PPP1R1	0.598532	0.163124	0.750883	-1.33176	0.98214	0.995701	-1.00432	0.925814	0.982235	-1.01809	0.236077	0.787444	-1.26993	0.83373	0.96035	-1.04129	0.209672	0.775331	-1.28977	?	?	?	0.874669	0.970077	-1.03085	0.375532	1.1913	1.1913	0.833463	0.43464	0.521487	1
cg24376793	2B	0.598537	0.627344	0.795462	-1.25713	0.839396	1.09957	1.09957	0.227389	0.552812	-1.80893	0.871803	0.927243	-1.07847	0.118378	0.452478	-2.21005	0.892751	0.938853	-1.06513	0.810836	0.893903	-1.11869	0.224223	1.81702	1.81702	0.667017	1.22442	1.22442	0.846407	2.93292	3.08013	1
cg17540499	MIR592;GRM8;GRM8;GRM8	0.598537	0.811712	1.1292	1.1292	0.160272	0.465585	-2.14645	0.704231	0.8235	-1.21433	0.594214	1.31493	1.31493	0.544422	0.731711	-1.36666	0.367965	1.60136	1.60136	0.312007	0.587117	-1.70324	0.550323	0.735141	-1.36028	0.203112	0.504562	-1.98192	0.846504	3.47529	3.64973	1
cg05441154	B4GALT7	0.598554	0.419412	1.2008	1.2008	0.851119	1.01021	1.01021	0.951405	1.00524	1.00524	0.977204	1.32828	1.32828	0.344674	1.30947	1.30947	0.149433	0.658434	-1.51875	0.621885	1.35211	1.35211	0.315454	0.971065	-1.0298	0.572907	1.16651	1.16651	0.846502	0.792986	0.82901	1
cg19452739	KCNE2	0.59856	0.803233	0.960139	-1.04152	0.458994	0.884394	-1.13072	0.563006	1.09996	1.09996	0.689396	0.936637	-1.06765	0.127474	1.30804	1.30804	0.730961	0.945314	-1.05785	0.126075	1.30955	1.30955	0.9878	1.00229	1.00229	0.94588	1.01112	1.01112	0.84637	0.355858	0.373735	1
cg06573508	LOC148926	0.598572	0.446018	0.884677	-1.13049	0.974883	0.991221	-1.00886	0.907805	0.988517	-1.23683	0.402067	0.938822	-1.07663	0.944353	1.01107	1.01107	0.683666	0.837422	-1.19464	0.42067	0.834764	-1.19794	0.418407	0.939206	-1.06475	0.874644	0.984351	-1.01635	0.933525	0.350288	0.36	1
cg26862247	CLYBL	0.598578	0.176492	0.257905	-3.87739	0.908091	0.896802	-1.11507	0.929812	1.08664	1.08664	0.590666	0.599234	-1.6688	0.098538	0.387987	-2.58511	0.322742	0.381623	-2.62039	0.375811	0.586766	-1.70426	0.169407	0.251431	-3.97723	0.534754	0.552716	-1.80925	0.846343	11.9227	12.5221	1
cg11675904	ARAP	0.598584	0.200042	0.320748	-3.11772	0.977504	0.976594	-1.02397	0.424671	0.504164	-1.98348	0.170053	3.41276	3.41276	0.901017	0.900756	-1.11018	0.184617	0.306669	-3.26084	0.787833	0.797251	-1.25431	0.909998	1.09964	1.09964	0.895347	1.11689	1.11689	0.846334	9.45769	9.93324	1
cg15880016	FLI1;EBI3	0.598649	0.64418	0.870021	1.14935	0.794845	1.07793	1.07793	0.548844	1.19913	1.19913	0.952148	1.10813	1.10813	0.647624	1.15027	-1.15027	0.400203	0.777246	-1.28649	0.146521	0.93001	-1.69489	0.771195	1.09122	1.09122	0.340706	0.745028	1.34223	0.84613	1.20131	1.26172	1
cg27502072	PALM;PALM HDAC8;HDAC8;HDAC8;HDAC8;HDAC8;	0.598588	0.175984	0.661985	-1.51061	0.999413	1.00021	1.00021	0.483718	0.815415	-1.22637	0.973691	1.0095	1.0095	0.821578	0.937292	-1.0669	0.910663	0.9327	1.0327	0.765012	1.08975	1.08975	0.916264	1.03061	1.03061	0.0825232	1.73561	1.73561	0.846327	1.10182	1.15723	1
cg26955512	HDAC8	0.598596	0.191648	0.336112	-2.9752	0.114931	0.258701	-3.86547	0.684998	0.724933	-1.37944	0.629713	1.46694	1.46694	0.89764	1.10685	1.10685	0.20458	0.347884	-2.87452	0.880277	0.887914	-1.12624	0.730549	1.31349	1.31349	0.828857	1.1862	1.1862	0.846315	8.33898	8.75847	1
cg16633191	AMZ2;AMZ2;AMZ2;AMZ2;AMZ2	0.598597	0.38331	2.6608	2.6608	0.920638	0.897021	-1.1148	?	?	?	0.614896	1.73997	1.73997	0.138441	0.172149	-5.80891	0.569655	0.533864	-1.87314	0.909758	1.13162	1.13162	?	?	?	?	0.801077	0.846511	14.3396	1
cg27185510	SLC25A13;SLC25A13;SLC25A13	0.598603	0.295679	0.325416	-3.07299	0.631381	1.64505	1.64505	0.692412	1.50926	1.50926	0.879294	1.17038	1.17038	0.158797	0.210288	-4.75539	0.857173	0.828854	-1.20503	0.159503	0.210919	-4.74116	0.645036	1.61644	1.61644	0.373957	0.388751	-2.57234	0.846304	14.3655	15.0884	1
cg20590797	SGCA;SGCA	0.598605	0.34660	2.870805	2.870805	0.102726	0.880506	1.013663	0.963	1.04693	1.04693	0.561814	1.54572	1.54572	0.056183	0.8003	-1.24939	0.980936	1.0179	1.0179	0.858883	1.01884	1.01884	0.844217	1.11843	1.11843	0.814541	0.889951	-1.12386	0.846301	0.738741	0.79568	1
cg14336011	LHX3	0.598613	0.24167	0.342647	-2.91846	0.200337	0.306599	-3.26159	0.321953	0.408923	-2.44545	0.29064	2.60756	2.60756	0.371406	0.448388	2.23021	0.60558	1.57658	1.57658	0.543993	0.600976	-1.66396	0.5493	0.588885	-1.69812	0.695086	0.708738	-1.41096	0.846288	10.2374	10.7527	1
cg09219817	MAZ;MAZ	0.59862	0.49396	0.868141	-1.15189	0.772895	1.06067	1.06067	0.586913	1.11815	1.11815	0.751981	1.06459	1.06459	0.389041	1.19685	1.19685	0.851079	1.039	1.039	0.746604	0.936134	-1.06822	0.28045	0.795822	-1.25656	0.0892907	1.46434	1.46434	0.846278	0.5554	0.583364	1
cg08367958	PIM2	0.598635	0.717569	1.24143	1.24143	0.477177	1.19174	1.19174	0.534543	0.849366	0.839132	-1.1473	0.886137	1.13005	1.13005	0.0944738	2.62806	0.353761	-2.8665	0.807928	1.13005	1.13005	0.0944738	2.62806	0.353761	-2.8665	0.807928	1.13005	1.13005	0.846272	1.70976	1.79625	1
cg01787821	ATP2B2;ATP2B2	0.598639	0.693719	1.15081	1.15081	0.354574	1.40212	1.40212	0.354757	1.71681	1.71681	0.708198	1.14274	1.14274	0.702559	0.785465	-1.27313	0.440438	0.756389	-1.32207	0.230634	1.56249	1.56249	0.6969	1.14898	1.14898	0.483049	0.776484	-1.28786	0.846248	1.68794	1.77299	1
cg02737527	ZSCAN12;ZSCAN12	0.598651	0.72177	1.38536	1.38536	0.14025	1.34505	1.34505	0.952504	1.37945	1.37945	0.560164	1.76036	1.76036	0.313472	0.902545	-1.10838	0.489453	0.616161	1.62304	0.284229	0.589165	-1.69732	0.304007	1.32889	1.32889	0.376638	1.15223	1.15223	0.846288	1.32889	1.43188	1
cg18604133	USP12	0.598659	0.707736	1.11074	1.11074	0.339573	0.759948	-1.31588	0.319955	0.750804	-1.33191	0.687571	0.893379	-1.11935	0.220842	0.698416	-1.43181	0.8004	1.04288	1.04288	0.206327	0.689534	-1.45025	0.272531	1.37507	1.37507	0.943962	0.980586	-1.0198	0.846218	1.04237	1.09493	1
cg23080427	CYHR1;2	0.598664	0.364967	0.507336	-1.97038	0.167207	0.614861	-1.62517	0.213197	0.770268	-1.29825	0.713739	0.764462	-1.30801	0.254248	0.514516	1.94355	0.337436	0.486312	-2.05629	0.317507	0.631157	-1.58404	0.324702	0.551115	-1.81424	0.442702	0.568144	-1.76052	0.846215	0.333525	0.350288	1
cg16585028	AGAP1;AGAP1	0.598668	0.464709	-2.88354	-2.88354	0.774636	0.693336	-1.4423	0.801593	1.57883	1.57883	0.959463	1.06956	1.06956	0.932305	0.900756	-1.11018	0.511265	0.414714	-2.41195	0.339965	0.682253	0.077902	-13.5314	0.231953	0.202016	-4.95101	0.744796	0.684184	21.8135	22.9143	1
cg19112424	C1orf51	0.598691	0.168105	0.54557	-1.83294	0.817041	0.908834	-1.10031	0.229843	0.594698	-1.68153	0.73433	0.868914	-1.15086	0.0961129	0.470587	-2.12501	0.476172	0.741674	1.3483	0.209183	0.579245	-1.72639	0.604109	0.805921	-1.24082	0.426639	0.715462	-1.3977	0.846168	2.28031	2.39544	1
cg19186145	SIX3	0.598693	0.481594	0.696751	-1.66053	0.423111	1.79484	1.79484	0.384805	0.582275	-1.89295	?	?	?	0.206357	0.132067	-7.56112	0.640203	0.477246	-2.09504	0.216521	0.863654	0.731705	-1.36797	0.681071	0.744228	-1.34368	0.921381	1.0732	1.0732	0.129444	1.309993	-3.22588	0.810209	1.095	1.19508	1
cg08268274	C1orf95	0.598697	0.391198	0.734684	-1.36113	0.986982	1.00574	1.00574	0.8931	0.952728	-1.04962	0.84636	0.934186	-1.07045	0.659222	0.855777	-1.16853	0.320932	1.43118	1.43318	0.0693129	2.04035	2.04035	0.898465	0.956187	-1.04582	0.619402	0.83885	-1.19211	0.846159	1.65052	1.73387	1
cg09049438	PDC1	0.598712	0.656341	1.08185	1.08185	0.212955	1.25914	1.25914	0.585963	1.10144	1.10144	0.358418	1.18046	1.18046	0.209451	1.26161	1.26161	0.388716	1.16787	1.16787	0.894916	0.976943	-1.0236	0.98931	1.16763	1.16763	0.254868	0.812297	-1.23108	0.846136	0.415568	0.440464	1
cg10982508	FBXL17	0.598721	0.233919	2.10128	2.10128	0.423224	0.61422	-1.62754	0.2	0.3648	-2.74179	0.12551	0.610471	1.3581	1.3581	0.552296	0.554544	1.06544	1.06544	0.141014	1.65177	1.65177	0.152961	2.627	2.627	0.252587	0.208809	2.038809	2.038809	0.760905	1.19942	1.24612	0.846122	4.57303	4.99748	1
cg17379558	NBR1;NBR1;NBR1	0.598723	0.858528	0.895012	-1.1173	0.214681	2.25248	2.25248	0.897248	0.922822	-1.0863	0.870898	0.903811	-1.1064	0.552265	0.555158	-1.81318	0.257546	2.0845	2.0845	0.225533	0.453279	-2.20615	0.399318	1.70985	1.70985	0.910533	1.07238	1.07238	0.846118	5.17892	5.44071	1
cg00024089	KPNA6	0.598752	0.801686	1.07258	1.07258	0.718539	1.0767	1.0767	1.076	1.07444	1.07444	0.609654	1.04212	1.04212	0.794617	1.28818	1.28818	0.388407	1.29961	1.29961	0.964829	0.985165	1.01545	1.01545	1.03884	1.03884	0.70961	0.707886	0.699467	1.13469	1.13469	0.846107	0.722025	0.79795	1
cg22386920	ZDHHC19	0.598765	0.815921	0.91084	-1.09789	0.54073	0.780357	-1.28146	0.62321	0.820112	-1.21935	0.220722	0.597148	-1.67463	0.245829	0.615025	-1.62595	0.487107	0.753703	-1.32678	0.615911	0.818161	-1.22225	0.84698	1.08044	1.08044	0.145555	1.86981	1.86981	0.846053	2.14907	2.25788	1
cg00645049	ATP4A1	0.59877	0.157955	0.105949	-9.43852	0.744883	0.615506	-1.62468	0.807044	0.694982	-1.43889	0.225469	0.618861	0.618861	0.207448	0.541616	1.84615	0.371185	0.255282	-3.91723	0.631567	0.488582	-2.04662	0.80401	1.29034	1.29034	0.194497	1.17316	1.17316	0.846046	26.6279	31.1282	1
cg03387135	MIR124-3	0.59879	0.110185	0.564673	-1.77094	0.722329	1.09991	1.09991	0.96919	1.01276	1.01276	0.389199	1.33599	1.33599	0.909051	1.41281	1.41281	0.85595	0.61647	1.36464	0.736536	-1.35771	0.835553	1.07062	1.07062	0.479309	1.2662	1.2662	0.846015	1.44388	1.51705	1
cg22664307	STX11	0.598806	0.972587	1.00864	1.00864	0.127477	0.661973	-1.51063	0.796687	0.937419	-1.06676	0.833047	1.05426	1.05426	0.268678	1.33425	1.33425	0.533402	1.171	1.171	0.507881	0.845231	-1.18311	0.24912	1.35191	1.35191	0.96312	0.988493	-1.01164	0.84599	0.83948	0.882049	1
cg12234394	PNKD;AAMP;PNKD	0.598807	0.467373	-2.13893	-2.13893	0.468151	0.821661	-1.21735	0.900474	0.978935	-1.00217	0.710764	0.972531	1.02813	0.764462	1.30847	1.30847	0.337005	0.3687	-2.71196	0.401793	0.722405	-1.38427	0.401681	0.930514	1.07481	0.911115	1.03001	1.03001	0.0918625	0.998089	1.0003	0.846007	0.844508	0.463902	1
cg12718676	CCNA2 ZNF384;ZNF384;ZNF384;ZNF384;ZNF38	0.598844	0.119487	0.434191	-2.30313	0.252496	0.554188	-1.80444	0.188128	0.50223	-1.99112	0.920011	1.05085	1.05085	0.715501	0.834635	-1.19813	0.263883	0.562643	-1.77733	0.209666	0.520532	-1.92111	0.511479	0.719763	-1.38935	0.690157	0.820473	-1.21907	0.814352	0.845932	3.26707	3.43297	1
cg23705119	4;ZNF384;ZNF384	0.598855	0.813934	0.707911	-1.41261	0.126885	11.5656	11.5656	0.104477	13.9535	13.9535	?	?	?	0.896686	0.826706	-1.20962	0.837354	1.3514	1.3514	0.979206	0.962542	-1.03892	0.978216	0.960795	-1.0408	0.901698	0.834424	-1.19843	0.838009	24.7793	25.873	1
cg14087308	KIAA0284;KIAA0284	0.598861	0.867254	1.08657	1.08657	0.247031	1.8235	1.8235	0.0666092	2.77551	2.77551	0.889749	1.07126	1.07126	0.422703	1.43654	1.43654	0.431469	1.48959	1.48959	0.308356	1.68818	1.68818	0.368856	1.58103	1.58103	0.754628	0.855893	-1.16837	0.845905	3.30023	3.46793	1
cg07702216	NDUFA10	0.598865	0.475334	1.40451	1.40451	0.483503	1.24824	1.24824	0.933344	1.08035	1.08035	0.672414	1.54825	1.54825	0.145093	0.6496	-1.53952	0.313016	2.03385	2.03385	0.145637	0.416532	2.40124	0.153632	2.50534	2.50534	0.600727	1.37419	1.37419	0.509733	1.49486	1.54904	0.846199	5.08804	5.4	1
cg22068834	SGCE;SGCE;SGCE	0.598881	0.218381	0.399796	-2.50127	0.544732	1.54357	1.54357	0.414131	0.55381	-1.80567	0.57062	0.666398	-1.5006	0.279031	0.450679	2.21888	0.253276	0.429552	-2.32779	0.163773	0.349132	-2.86424	0.683683	1.33654	1.33654	0.948085	0.954936	-1.04719	0.845875	6.73797	7.05959	1
cg34415208	CACNG8	0.598883	0.273214	0.281871	-3.54773	0.195215	1.16566	1.16566	0.99301	0.99032	-1.00977	0.775256	0.807768	-1.23824	0.299192	0.737209	1.35676	0.437316	0.2569	-3.89234	0.0977268	0.758012	1.40942	0.40962	0.449766	-2.22338	0.449766	-2.22338	0.846068	16.5208	17.3511	1
cg17734862	HMGNA;HMGN4	0.598891	0.347714	1.01913	1.01913	0.283529	1.12677	1.12677	0.525599	1.10292	1.10292	0.602326	0.945241	-1.05793	0.939726	0.991932	-1.00813	0.754003	0.966886	-1.03425	0.943503	1.00762	1.00762	0.680732	0.812653	-1.23054	0.78151	1.03023	1.03023	0.845829	0.153725	0.161551	1
cg16635767	PAPL	0.598917	0.744079	1.1427	1.1427	0.203051	1.72835	1.72835	0.971042	1.01489	1.01489	0.372405	1.45195	1.45195	0.989502	0.994657	-1.00537	0.565434	1.26694	1.26694	0.214194	0.587119	-1.70323	0.260205	0.61988	-1.61322	0.558506	1.27243	1.27243	0.845819	2.22128	2.33439	1
cg16432009	CDC42EP1	0.598918	0.591644	1.08262	1.08262	0.491816	0.575508	-1.73729

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10991108	WDR45	0.599417	0.140414	0.112143	-8.91717	0.135593	0.108715	-9.19839	0.923023	0.875171	-1.14263	0.483384	2.67158	2.67158	0.911925	0.858433	-1.16491	0.212585	0.16346	-6.11769	0.959688	1.07222	1.07222	0.896364	0.835449	-1.19696	0.963972	0.939586	-1.0643	0.845046	25.4726	26.7942	1
cg00134563	BANP;BANP	0.599427	0.907979	1.02794	1.02794	0.0564857	1.67297	1.67297	0.852567	0.956632	-1.04533	0.412846	0.819121	-1.22082	0.47364	0.840565	-1.18968	0.783615	1.0678	1.0678	0.839747	0.952893	-1.04944	0.57824	1.14321	1.14321	0.75837	0.929105	-1.07631	0.84503	0.760097	0.799548	1
cg14706334	ZC3HC1	0.599439	0.721441	1.0573	1.0573	0.377797	1.15125	1.15125	0.916089	0.98373	-1.01654	0.197325	0.808868	-1.2363	0.0936697	1.33234	1.33234	0.672083	1.06851	1.06851	0.919608	1.01584	1.01584	0.658953	0.933204	-1.07158	0.947223	1.01036	1.01036	0.845012	0.324206	0.34104	1
cg03612649	SLC20A2	0.599455	0.47057	1.46285	1.46285	0.519569	0.71297	-1.40258	0.814283	1.12969	1.12969	0.127601	2.34842	2.34842	0.293001	0.568179	-1.76001	0.831286	0.895329	-1.11691	0.258526	0.542844	-1.84215	0.80854	1.13406	1.13406	0.88551	0.928057	-1.07752	0.844987	3.59391	3.78064	1
cg06917785	KANK3	0.599466	0.289331	0.679263	-1.47218	0.325965	0.700032	-1.42851	0.269697	0.667532	-1.49806	0.341687	0.708566	-1.4113	0.236541	0.646541	-1.54669	0.236624	0.646596	-1.54656	0.217654	0.633786	-1.57782	0.869934	0.944005	-1.05932	0.149889	0.581102	-1.72087	0.844971	1.65472	1.74072	1
cg07284460	KAT2B	0.599482	0.838574	0.973433	-1.02729	0.870388	1.02179	1.02179	0.301235	1.15187	1.15187	0.626617	0.937333	-1.06686	0.570378	1.07864	1.07864	0.310483	0.870641	-1.14858	0.244882	0.851655	-1.17418	0.34084	1.13834	1.13834	0.30167	1.15172	1.15172	0.844945	0.233179	0.245306	1
cg22802014	SNRNP40	0.599504	0.345229	0.195773	-5.10797	0.627735	2.26989	2.26989	0.28719	6.38442	6.38442	0.785166	1.58149	1.58149	0.950897	1.10883	1.10883	0.791241	1.56054	1.56054	0.772334	1.62686	1.62686	0.159951	0.0805633	-12.4126	0.224403	8.50683	8.50683	0.844911	37.6569	39.617	1
cg25785630	TNKS	0.599518	0.959493	1.0092	1.0092	0.106926	1.37339	1.37339	0.133677	1.33859	1.33859	0.566068	1.11024	1.11024	0.705961	1.07072	1.07072	0.388696	1.17264	1.17264	0.85893	0.968437	-1.03259	0.939572	1.01376	1.01376	0.208576	1.26996	1.26996	0.844889	0.43487	0.457517	1
cg26720010	TBRG4;SNORA5B;TBRG4;TBRG4	0.599536	0.219375	0.342766	-2.91744	0.129196	0.256885	-3.8928	0.730631	0.750885	-1.33176	0.563176	1.62343	1.62343	0.180006	0.307163	-3.25561	0.413399	0.499978	-2.00009	0.353377	0.453119	-2.20692	0.992012	0.991735	-1.00833	0.871118	0.874066	-1.14408	0.844862	9.19551	9.67469	1
cg13472558	DCTD;DCTD	0.59954	0.345563	0.737479	-1.35597	0.78069	0.916225	-1.09143	0.73808	0.900142	-1.11094	0.180383	0.64024	-1.56192	0.102857	0.571547	-1.74964	0.290921	0.709247	-1.40995	0.580935	0.839643	-1.19098	0.178077	0.638536	-1.56608	0.975843	0.990553	-1.00954	0.844856	1.31484	1.38337	1
cg10717074	UBE2T	0.59955	0.642059	1.15981	1.15981	0.0994978	0.564498	-1.77149	0.417708	0.769292	-1.2999	0.954352	0.982034	-1.01829	0.545468	1.21383	1.21383	0.853813	0.943258	-1.06016	0.672996	1.1439	1.1439	0.231716	0.672159	-1.48774	0.387947	0.755597	-1.32346	0.84484	1.34209	1.41207	1
cg03480383	SPIRE2	0.599553	0.859406	1.06223	1.06223	0.145079	1.70376	1.70376	0.274953	1.4722	1.4722	0.348592	0.719943	-1.389	0.679489	0.868085	-1.15196	0.297016	1.44506	1.44506	0.319556	1.41942	1.41942	0.684485	1.14925	1.14925	0.917352	0.965274	-1.03598	0.844835	1.55135	1.63225	1
cg09898138	CCDC64	0.599565	0.532879	0.73824	-1.35457	0.431832	1.47029	1.47029	0.817256	1.11763	1.11763	0.850671	1.09478	1.09478	0.631953	1.26096	1.26096	0.269185	0.57528	-1.73829	0.0926948	0.411086	-2.43258	0.758671	1.15959	1.15959	0.595503	1.29361	1.29361	0.844817	3.08893	3.25007	1
cg09996597	IGFALS;IGFALS;IGFALS	0.599567	0.242221	0.775047	-1.29024	0.296668	1.25268	1.25268	0.915602	1.02232	1.02232	0.464011	0.856266	-1.16786	0.424812	0.843922	-1.18494	0.409944	0.839082	-1.19178	0.387179	0.831481	-1.20267	0.329483	1.2331	1.2331	0.471087	0.858436	-1.16491	0.844813	0.579999	0.610259	1
cg03945700	PRR18	0.599568	0.351985	0.597767	-1.67289	0.928813	0.953131	-1.04917	0.925339	0.950894	-1.05164	0.095536	0.373924	-2.67434	0.219111	0.499428	-2.00229	0.139406	0.4255	-2.35018	0.949712	1.03446	1.03446	0.590721	0.747026	-1.33864	0.750895	0.84274	-1.18661	0.844812	3.86139	4.06285	1
cg26896756	APOO;APOO;CXorf58;APOO;CXorf58	0.599593	0.458064	0.228752	-4.37155	0.865044	0.717432	-1.39386	0.923754	0.829545	-1.20548	0.17055	17.272	17.272	0.403286	5.3103	5.3103	0.173547	0.0592065	-16.89	0.817633	1.56974	1.56974	?	?	?	0.932755	1.1791	1.1791	0.831792	44.6271	53.6517	1
cg00251705	ZDHHC5	0.599596	0.548735	1.2095	1.2095	0.47577	0.796664	-1.25523	0.90735	0.964161	-1.03717	0.170867	1.57952	1.57952	0.629421	1.16465	1.16465	0.530647	0.819459	-1.22032	0.516211	1.22918	1.22918	0.199984	0.65415	-1.5287	0.46288	1.26396	1.26396	0.84477	1.31476	1.38343	1
cg22268137	PDX1	0.599598	0.722297	1.18104	1.18104	0.512465	0.733618	-1.36311	0.481083	1.39647	1.39647	0.535626	1.33978	1.33978	0.172421	0.508041	-1.96834	0.386515	1.51275	1.51275	0.373014	1.53181	1.53181	0.241916	1.77028	1.77028	0.612615	1.26883	1.26883	0.844767	2.90914	3.06109	1
cg24333596	HDAC4	0.599606	0.0405766	0.182541	-5.47824	0.902107	1.09254	1.09254	0.95863	1.03801	1.03801	0.76212	1.24402	1.24402	0.386453	0.528068	-1.8937	0.815459	1.18311	1.18311	0.926395	0.935704	-1.06871	0.773996	0.812962	-1.23007	0.473422	0.591895	-1.68949	0.844754	6.92071	7.28229	1
cg12200748	HSPA1B;HSPA1B	0.599609	0.626572	2.59927	2.59927	0.578011	0.334618	-2.98848	0.175837	16.5109	16.5109	0.618446	2.65958	2.65958	0.926897	1.19575	1.19575	0.219176	12.3959	12.3959	0.864166	0.716363	-1.39594	0.146526	20.822	20.822	0.280932	8.87516	8.87516	0.844749	50.7755	53.4286	1
cg13475732	ISOC2;ISOC2;ISOC2	0.599613	0.602549	0.74151	-1.3486	0.761569	1.18914	1.18914	0.884663	1.08614	1.08614	0.475306	0.661503	-1.51171	0.748383	1.20106	1.20106	0.982997	0.987942	-1.0122	0.0845449	0.337544	-2.96257	0.167397	0.432686	-2.31114	0.626842	1.32167	1.32167	0.844743	4.33523	4.56178	1
cg02416067	BAHCC1	0.59963	0.123578	0.66911	-1.49452	0.805927	1.06109	1.06109	0.299172	0.771659	-1.29591	0.791875	1.06578	1.06578	0.79344	1.06526	1.06526	0.902677	1.02991	1.02991	0.202425	1.38292	1.38292	0.489647	0.844456	-1.18419	0.86451	1.042	1.042	0.844716	0.776371	0.81697	1
cg24829975	ARMCX3;ARMCX3;ARMCX3	0.599648	0.141569	0.208648	-4.79277	0.612124	0.60234	-1.66019	0.380392	0.409815	-2.44013	0.206116	3.75166	3.75166	0.612639	0.60279	-1.65895	0.274544	0.323959	-3.08681	0.650746	0.63645	-1.57121	0.82072	1.25237	1.25237	0.868153	0.848134	-1.17906	0.844688	13.1493	13.8374	1
cg21377712	PWP2	0.599667	0.727549	0.907284	-1.10219	0.12287	1.59207	1.59207	0.370996	1.29117	1.29117	0.461675	0.81183	-1.23178	0.44933	1.23921	1.23921	0.38402	1.28186	1.28186	0.911197	1.03152	1.03152	0.774072	1.08336	1.08336	0.183847	1.48028	1.48028	0.84466	1.03531	1.08952	1
cg09932405	INHBB	0.599677	0.641223	0.870174	-1.14919	0.397085	0.773409	-1.29298	0.0607083	0.534425	-1.87117	0.791929	1.08149	1.08149	0.375145	0.763593	-1.3096	0.496685	0.81506	-1.2269	0.256375	0.703949	-1.42056	0.968603	0.988405	-1.01173	0.358519	0.755956	-1.32283	0.844644	1.17456	1.23609	1
cg23641635	AGL;AGL;AGL;AGL;AGL	0.599704	0.641999	0.922446	-1.08407	0.993995	1.0013	1.0013	0.378869	0.855849	-1.16843	0.147061	1.30774	1.30774	0.843289	0.966449	-1.03472	0.246611	1.23233	1.23233	0.601996	0.913267	-1.09497	0.26124	1.22387	1.22387	0.982662	0.99626	-1.00375	0.844602	0.397672	0.418523	1
cg19829229	CRLF1	0.599705	0.224723	1.19302	1.19302	0.331271	1.14882	1.14882	0.517568	1.09505	1.09505	0.724299	1.05023	1.05023	0.717923	0.951033	-1.05149	0.281307	0.856439	-1.16763	0.57103	1.08246	1.08246	0.256312	1.1782	1.1782	0.262231	1.17561	1.17561	0.844601	0.256217	0.269652	1
cg16662877	DDX41	0.59972	0.589764	1.21371	1.21371	0.693296	0.868456	-1.15147	0.835517	1.07678	1.07678	0.441319	0.756258	-1.3223	0.0480305	0.447471	-2.23478	0.686871	0.865724	-1.1551	0.601279	1.20635	1.20635	0.886876	1.05195	1.05195	0.869187	1.0604	1.0604	0.844578	1.69348	1.78232	1
cg21644426	MFSD6	0.599736	?	?	?	0.456511	0.466458	-2.14382	?	?	?	0.464195	0.472838	-2.11489	0.726754	0.703992	-1.42047	?	?	?	0.330886	2.75579	2.75579	0.331526	2.75177	2.75177	0.43524	2.22793	2.22793	0.806352	8.09265	10.0361	1
cg25263135	EGFL8	0.59974	0.743921	0.929336	-1.07604	0.631357	0.897554	-1.11414	0.257895	0.768012	-1.30206	0.733872	0.926544	-1.07928	0.326806	0.797458	-1.25398	0.871527	1.03685	1.03685	0.0862737	1.52763	1.52763	0.792295	0.942703	-1.06078	0.980434	0.994532	-1.0055	0.844546	0.668572	0.703675	1
cg04060275	DUSP1	0.599755	0.739675	1.08988	1.08988	0.961038	1.01269	1.01269	0.51598	1.1853	1.1853	0.35911	1.27556	1.27556	0.873342	0.959659	-1.04204	0.313889	0.764271	-1.30844	0.564449	0.860397	-1.16225	0.0832535	0.609611	-1.64039	0.923733	1.02502	1.02502	0.844524	0.891066	0.937876	1
cg06488615	COBL	0.599761	0.592484	0.854517	-1.17025	0.313476	0.738331	-1.35441	0.635943	1.14885	1.14885	0.922535	0.972093	-1.02871	0.0790779	0.567016	-1.76362	0.430634	0.791296	-1.26375	0.529003	1.20393	1.20393	0.317734	0.740428	-1.35057	0.755847	0.913234	-1.09501	0.844515	1.13259	1.19211	1
cg24789136	EP400	0.599761	0.32944	1.65969	1.65969	0.0922206	2.54193	2.54193	0.126746	2.29665	2.29665	0.292631	1.73252	1.73252	0.939376	1.03903	1.03903	0.364273	1.59886	1.59886	0.473782	1.443	1.443	0.723503	1.19579	1.19579	0.725863	1.19387	1.19387	0.844514	3.38903	3.56711	1
cg11554610	MYLK2	0.599767	0.300133	1.28425	1.28425	0.778159	0.936313	-1.06802	0.127889	0.681465	-1.46743	0.704759	0.915126	-1.09275	0.898805	1.03009	1.03009	0.968678	1.00919	1.00919	0.223278	1.34735	1.34735	0.663098	1.10753	1.10753	0.44547	1.19867	1.19867	0.844505	0.726073	0.764233	1
cg00878023	CNKSR2;CNKSR2;CNKSR2;CNKSR2;CNKSR2;CNKSR2;CNKSR2	0.59978	0.143423	0.161783	-6.1811	0.803086	0.748674	-1.3357	0.807044	0.75315	-1.32776	0.204578	4.7156	4.7156	0.626821	1.7641	1.7641	0.201494	0.209574	-4.77158	0.915271	1.13122	1.13122	0.915488	0.884284	-1.13086	0.809915	1.32204	1.32204	0.844485	17.951	18.8949	1
cg03397750	TTC39A	0.59979	0.0595543	6.22872	6.22872	0.470563	1.88028	1.88028	0.981241	0.979978	-1.02043	0.792913	0.79746	-1.25398	0.458812	0.522638	-1.91337	0.714834	0.729312	-1.37116	0.509844	0.562651	-1.7773	0.646906	1.48696	1.48696	0.81801	1.21929	1.21929	0.84447	9.89643	10.417	1
cg18271707	CSE1L	0.599807	0.283606	0.788571	-1.26812	0.151106	1.38825	1.38825	0.506681	1.15448	1.15448	0.192809	0.745361	-1.34163	0.614545	1.11435	1.11435	0.953981	0.98777	-1.01238	0.951754	0.987181	-1.01299	0.857546	1.03905	1.03905	0.659302	1.09922	1.09922	0.844443	0.60805	0.640054	1
cg13823403	CASC3	0.599815	0.966356	1.00751	1.00751	0.830219	1.03884	1.03884	0.786091	0.95287	-1.04946	0.801456	0.956268	-1.04573	0.513532	0.889062	-1.12478	0.370921	0.849546	-1.1771	0.113413	0.736593	-1.3576	0.211187	1.26337	1.26337	0.532222	1.11883	1.11883	0.844431	0.421224	0.443401	1
cg12656497	NCRNA00111	0.59982	0.554675	1.48975	1.48975	0.344382	0.522213	-1.91493	0.732839	0.795681	-1.25679	0.936143	1.05491	1.05491	0.367004	0.538931	-1.85552	0.772109	1.21374	1.21374	0.680463	1.31815	1.31815	0.227888	2.32635	2.32635	0.141588	2.87007	2.87007	0.844423	5.95079	6.26415	1
cg07708653	HPDL;HPDL	0.599824	0.673198	0.887481	-1.12678	0.965564	0.987925	-1.01222	0.724568	0.905246	-1.10467	0.354569	0.764912	-1.30734	0.0782753	0.576701	-1.734	0.269637	0.723634	-1.38191	0.334525	0.755738	-1.32321	0.207407	0.687913	-1.45367	0.31472	0.746363	-1.33983	0.844417	1.05892	1.11469	1
cg25751266	LOC100128640;ACVR2B	0.599833	0.552417	1.13377	1.13377	0.849166	1.04057	1.04057	0.953823	1.01217	1.01217	0.399171	1.19756	1.19756	0.342588	0.815265	-1.22659	0.0644837	0.648018	-1.54317	0.827519	0.955444	-1.04663	0.899729	0.974012	-1.02668	0.80517	1.05298	1.05298	0.844403	0.583485	0.614225	1
cg20491488	ITPRIP	0.599855	0.378726	0.728231	-1.37319	0.165726	1.68054	1.68054	0.499148	1.27242	1.27242	0.462682	0.769099	-1.30022	0.931324	0.970185	-1.03073	0.873051	0.945393	-1.05776	0.235833	1.54691	1.54691	0.379351	0.72855	-1.37259	0.894529	0.954488	-1.04768	0.84437	1.64915	1.7361	1
cg15434403	KIAA1407;QTRTD1	0.599856	0.10772	0.688556	-1.45231	0.421756	0.839907	-1.19061	0.880866	1.0324	1.0324	0.977001	0.99389	-1.00615	0.974864	0.993324	-1.00672	0.427463	0.841779	-1.18796	0.391164	0.829628	-1.20536	0.684819	0.916905	-1.09063	0.221037	1.31454	1.31454	0.844367	0.60436	0.636227	1
cg10136560	MAML3	0.59986	0.705628	1.16273	1.16273	0.533932	0.778572	-1.2844	0.211339	1.68739	1.68739	0.351743	1.46339	1.46339	0.748806	1.13658	1.13658	0.364215	0.690415	-1.4484	0.944614	1.02799	1.02799	0.648882	1.19977	1.19977	0.124531	1.93624	1.93624	0.844361	2.11099	2.22232	1
cg20523169	FLJ45079	0.599861	0.367276	1.58317	1.58317	0.270733	0.566186	-1.7662	0.906401	1.06008	1.06008	0.176297	2.0404	2.0404	0.678345	1.22984	1.22984	0.565776	0.749781	-1.33372	0.535993	0.732797	-1.36463	0.957683	0.974021	-1.02667	0.253405	1.80705	1.80705	0.844361	3.29069	3.46422	1
cg07050101	UNC84A;UNC84A	0.599869	0.197875	1.91108	1.91108	0.567562	1.31649	1.31649	0.0833939	2.48936	2.48936	0.829657	0.902551	-1.10797	0.980135	1.01192	1.01192	0.854234	1.09146	1.09146	0.204008	1.89259	1.89259	0.422193	1.47722	1.47722	0.468174	1.42087	1.42087	0.844348	3.02841	3.18816	1
cg17581065	CCDC42;CCDC42	0.599875	0.509487	0.564053	-1.77288	0.444735	0.513407	-1.94777	0.945354	1.06041	1.06041	0.727564	0.74135	-1.34889	0.0941936	0.207092	-4.82877	0.696053	0.714654	-1.39928	0.231487	0.341649	-2.92698	0.121218	0.237433	-4.21171	0.940164	0.937778	-1.06635	0.844338	9.79246	10.3092	1
cg01433610	LOC728392;LOC728392	0.599876	0.425321	1.2346	1.2346	0.400882	1.2493	1.2493	0.654324	1.12375	1.12375	0.673752	0.896181	-1.11585	0.220215	1.39609	1.39609	0.375281	1.26562	1.26562	0.1995	1.42034	1.42034	0.301993	1.31891	1.31891	0.128697	1.52967	1.52967	0.844336	0.896088	0.943372	1
cg13499155	TPH2	0.59988	0.708741	0.918261	-1.08901	0.922567	1.02234	1.02234	0.985002	0.995737	-1.00428	0.238287	1.32406	1.32406	0.364185	1.23603	1.23603	0.31847	1.26404	1.26404	0.967677	0.990834	-1.00925	0.660063	0.904311	-1.10581	0.131375	0.690638	-1.44794	0.844331	0.690579	0.727023	1
cg19113326	POU6F2;POU6F2	0.599883	0.418909	1.28411	1.28411	0.620353	1.16321	1.16321	0.819514	0.933144	-1.07165	0.241851	1.44903	1.44903	0.287377	1.39717	1.39717	0.728109	1.11145	1.11145	0.221267	1.47593	1.47593	0.169559	1.55741	1.55741	0.146032	1.604	1.604	0.844326	1.2258	1.2905	1
cg01670430	GNA12	0.599891	0.277166	0.484872	-2.0624	0.352208	0.541636	-1.84626	0.635927	1.35721	1.35721	0.749153	1.2281	1.2281	0.327812	0.523649	-1.90967	0.378843	0.560875	-1.78293	0.184867	0.4063	-2.46124	0.157358	0.379666	-2.6339	0.77476	0.832139	-1.20172	0.844314	5.48533	5.77492	1
cg07197480	LMF1	0.599896	0.220532	2.39798	2.39798	0.396524	1.8032	1.8032	0.813681	0.851873	-1.17388	0.822428	1.1649	1.1649	0.352168	0.521969	-1.91582	0.590001	1.44685	1.44685	0.121838	3.12292	3.12292	0.335638	1.96245	1.96245	0.945557	1.04747	1.04747	0.844306	6.16588	6.49146	1
cg00956964	SLMO1;SLMO1	0.599897	0.785873	0.895408	-1.11681	0.826666	0.914871	-1.09305	0.208034	1.71348	1.71348	0.65545	1.19985	1.19985	0.909283	0.954811	-1.04733	0.601753	0.807657	-1.23815	0.201033	0.578194	-1.72952	0.250485	0.614366	-1.62769	0.273549	0.629855	-1.58767	0.844304	2.20084	2.31705	1
cg11648968	DDAH1;DDAH1	0.599909	0.396498	0.701698	-1.42511	0.556208	1.27487	1.27487	0.716123	0.861567	-1.16068	0.890809	0.945501	-1.05764	0.578377	1.25741	1.25741	0.0991838	0.478327	-2.09062	0.896258	0.948167	-1.05467	0.484393	1.33632	1.33632	0.249507	0.611992	-1.63401	0.844286	2.22587	2.34346	1
cg03038245	DIP2C	0.599911	0.71218	1.29062	1.29062	0.217629	2.44234	2.44234	0.179683	2.66748	2.66748	0.418902	1.76588	1.76588	0.813541	0.849871	-1.17665	0.490785	1.6191	1.6191	0.33278	0.502647	-1.98947	0.226781	2.39577	2.39577	0.705528	1.2987	1.2987	0.844283	6.33821	6.67307	1
cg04083234	C6orf35	0.599914	0.60269	0.805189	-1.24194	0.245896	0.606098	-1.6499	0.671202	1.19264	1.19264	0.614611	0.811016	-1.23302	0.211007	1.72243	1.72243	0.267168	0.620676	-1.61115	0.622142	0.814688	-1.22746	0.303509	0.644224	-1.55226	0.652563	1.2056	1.2056	0.844278	2.27621	2.39649	1
cg21395967	TBC1D8B;TBC1D8B	0.599917	0.540622	0.809298	-1.23564	0.161902	0.6004	-1.66556	0.868833	1.05808	1.05808	0.362872	1.37636	1.37636	0.386447	0.738406	-1.35427	0.340514	0.714963	-1.39867	0.801324	0.917478	-1.08994	0.468823	1.28628	1.28628	0.417915	1.32678	1.32678	0.844273	1.56014	1.64259	1
cg20152630	MYPOP	0.599927	0.408691	1.65898	1.65898	0.437936	0.622526	-1.60636	0.337457	1.80828	1.80828	0.77983	1.18279	1.18279	0.542603	1.44658	1.44658	0.985219	1.01116	1.01116	0.859173	0.899077	-1.11225	0.0643587	3.4726	3.4726	0.518462	1.48015	1.48015	0.844258	4.79809	5.05174	1
cg05369623	SASH1	0.599931	0.496121	0.650239	-1.5379	0.511782	0.660707	-1.51353	0.351167	0.550107	-1.81783	0.539473	0.679137	-1.47246	0.168144	0.400597	-2.49627	0.506621	1.52146	1.52146	0.323818	0.530108	-1.88641	0.951315	1.03876	1.03876	0.123021	0.35322	-2.8311	0.844252	5.18701	5.46126	1
cg11310527	FAM149A;FAM149A	0.599935	0.7633	0.934449	-1.07015	0.272113	0.77367	-1.29254	0.824817	0.951453	-1.05102	0.527597	0.866175	-1.1545	0.940126	1.01701	1.01701	0.0388411	0.584537	-1.71076	0.588246	0.884529	-1.13055	0.693327	0.914873	-1.09305	0.887839	1.03219	1.03219	0.844245	0.673771	0.7094	1
cg17386710	AUTS2;AUTS2	0.599941	0.484881	1.17704	1.17704	0.292541	1.28502	1.28502	0.741826	0.926891	-1.07888	0.89052	1.03213	1.03213	0.372291	1.23412	1.23412	0.932452	0.98072	-1.01966	0.0574434	1.63801	1.63801	0.915341	1.02472	1.02472	0.696775	0.913995	-1.0941	0.844237	0.705154	0.74245	1
cg25454298	AGAP3;AGAP3	0.599941	0.411668	2.56083	2.56083	0.266494	3.65798	3.65798	0.106912	7.18249	7.18249	0.271065	3.60952	3.60952	0.420922	0.398105	-2.5119	0.942932	1.0835	1.0835	0.829078	0.78491	-1.27403	0.520559	2.07412	2.07412	0.975623	1.03482	1.03482	0.844237	16.7783	17.6657	1
cg16093065	TNRC6B;TNRC6B;TNRC6B	0.599944	0.271232	0.738683	-1.35376	0.696889	1.10906	1.10906	0.937356	1.021	1.021	0.840611	1.05469	1.05469	0.0783621	0.596257	-1.67713	0.503224	0.835565	-1.19679	0.997605	0.999207	-1.00079	0.743924	1.09055	1.09055	0.404774	1.25284	1.25284	0.844232	0.934958	0.984414	1
cg01742836	FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1;FHL1	0.599945	0.191687	0.0530721	-18.8423	0.484279	0.220933	-4.52625	0.883799	0.732959	-1.36433	0.223976	15.0855	15.0855	0.31664	9.01717	9.01717	?	?	?	0.491504	0.226674	-4.41162	0.990358	1.026	1.026	0.92432	1.22365	1.22365	0.831238	52.8057	63.5265	1
cg18212055	RTKN2	0.599947	0.165219	0.791915	-1.26276	0.319572	0.850346	-1.17599	0.856784	1.02888	1.02888	0.389099	0.870133	-1.14925	0.959579	0.992044	-1.00802	0.878359	0.97615	-1.02443	0.396477	0.872098	-1.14666	0.691258	1.06494	1.06494	0.205441	1.23435	1.23435	0.844227	0.332133	0.349704	1
cg07222133	RNF130	0.599958	0.423383	0.819156	-1.22077	0.328843	0.78203	-1.27872	0.0780906	0.620283	-1.61217	0.85711	0.956983	-1.04495	0.184112	0.70912	-1.4102	0.884947	0.965293	-1.03595	0.583018	0.87349	-1.14483	0.226198	0.733431	-1.36346	0.44153	0.825754	-1.21101	0.84421	0.795767	0.837882	1
cg04298819	NUF2;NUF2;NUF2	0.599986	0.0818361	3.28733	3.28733	0.900608	0.925785	-1.08016	0.861967	1.11339	1.11339	0.430404	1.64332	1.64332	0.43116	1.64192	1.64192	0.589725	1.39931	1.39931	?	?	?	0.179629	2.40998	2.40998	0.451832	1.60492	1.60492	0.831174	4.4569	5.36218	1
cg17282027	AFAP1;AFAP1;LOC84740	0.600013	0.931796	0.918217	-1.08907	0.124052	5.25981	5.25981	0.0919454	6.35478	6.35478	0.755671	0.732621	-1.36496	0.943019	1.07385	1.07385	0.542721	0.541102	-1.84808	0.89196	1.14506	1.14506	0.88566	1.15421	1.15421	0.808753	0.785295	-1.27341	0.844125	13.2823	13.9867	1
cg15859390	STOX2	0.600015	0.766735	0.872895	-1.14561	0.348137	1.55489	1.55489	0.473129	1.39574	1.39574	0.504541	1.36268	1.36268	0.348061	0.643086	-1.555	0.569915	0.769207	-1.30004	0.178653	0.520517	-1.92117	0.312345	0.620287	-1.61216	0.701956	1.19208	1.19208	0.844123	2.79162	2.93967	1
cg24254177	EEF1G	0.600017	0.800469	0.945245	-1.05793	0.862671	0.962235	-1.03925	0.953419	0.987095	-1.01307	0.382588	0.819469	-1.2203	0.744412	0.929844	-1.07545	0.206492	1.34483	1.34483	0.166008	0.720042	-1.38881	0.571614	0.880641	-1.13554	0.285805	1.27952	1.27952	0.844118	0.660967	0.696024	1
cg15142346	MAP3K4;MAP3K4	0.600026	0.357382	0.80883	-1.23635	0.307059	0.788979	-1.26746	0.501057	0.858064	-1.16541	0.328781	1.25349	1.25349	0.394405	1.21595	1.21595	0.729685	1.08086	1.08086	0.921835	0.978241	-1.02224	0.511697	1.16089	1.16089	0.219034	0.748453	-1.33609	0.844105	0.671696	0.707333	1
cg12453300	PASK;PPP1R7	0.600029	0.760696	1.04937	1.04937	0.5325	1.10489	1.10489	0.164807	1.26338	1.26338	0.40717	1.14313	1.14313	0.0961538	1.33409	1.33409	0.975192	1.00492	1.00492	0.53455	0.905532	-1.10432	0.984794	1.00301	1.00301	0.342453	1.16685	1.16685	0.8441	0.332744	0.350399	1
cg12439527	MAN2C1	0.60003	0.522458	0.848369	-1.17873	0.999805	1.00006	1.00006	0.899582	1.03254	1.03254	0.749684	1.08459	1.08459	0.0939167	0.62672	-1.59561	0.391169	0.800209	-1.24967	0.417982	1.23363	1.23363	0.681761	1.11026	1.11026	0.271796	0.748112	-1.3367	0.844099	0.860336	0.905987	1
cg25548415	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.60003	0.492105	0.568712	-1.75836	0.25637	2.60734	2.60734	0.993077	0.993006	-1.00704	0.124708	0.260668	-3.83629	0.698317	0.729747	-1.37034	0.761028	0.781341	-1.27985	0.315042	0.43155	-2.31723	0.250247	0.37837	-2.64291	0.816357	0.828471	-1.20704	0.844098	8.74742	9.21159	1
cg20257096	SUPT16H	0.600033	0.862105	1.08363	1.08363	0.695422	1.19933	1.19933	0.433296	0.691164	-1.44683	0.78778	1.13275	1.13275	0.332627	0.630211	-1.58677	0.390877	1.501	1.501	0.330732	0.628997	-1.58983	0.439737	0.694876	-1.4391	0.170077	1.96411	1.96411	0.844094	2.85292	3.00432	1
cg03199221	MAGI1;MAGI1;MAGI1	0.600048	0.363483	0.71196	-1.40457	0.589313	0.820159	-1.21928	0.336062	0.697095	-1.43452	0.60721	1.20759	1.20759	0.0572699	0.457316	-2.18667	0.668468	1.16967	1.16967	0.989292	1.00489	1.00489	0.949792	0.977353	-1.02317	0.818752	0.919895	-1.08708	0.844071	1.769	1.86293	1
cg11466321	PPID	0.600067	0.152604	0.655718	-1.52505	0.691314	1.11621	1.11621	0.531398	0.839763	-1.19081	0.256646	0.721703	-1.38561	0.67882	0.891634	-1.12154	0.138042	0.644102	-1.55255	0.209976	0.694939	-1.43897	0.94328	0.98059	-1.01979	0.619975	0.871361	-1.14763	0.844042	1.01433	1.06823	1
cg08887093	GBE1	0.600079	0.768652	1.04881	1.04881	0.682254	0.93566	-1.06876	0.490701	0.89306	-1.11975	0.256143	1.21107	1.21107	0.52539	1.10957	1.10957	0.436433	1.13686	1.13686	0.860809	0.86165	-1.1617	0.331833	0.85065	-1.17557	0.252721	1.2129	1.2129	0.844024	0.34892	0.367468	1
cg12838605	BRSK2	0.60008	0.18052	1.37849	1.37849	0.334525	1.2519	1.2519	0.40615	1.21147	1.21147	0.769498	0.935824	-1.06858	0.742253	1.07734	1.07734	0.871836	0.964212	-1.03712	0.404535	1.21231	1.21231	0.103589	1.49453	1.49453	0.293326	1.27899	1.27899	0.844023	0.681123	0.71733	1
cg01904634	PKD1;PKD1	0.600092	0.989053	0.991617	-1.00845	0.79027	1.17771	1.17771	0.445338	1.61189	1.61189	0.397224	1.70223	1.70223	0.0889488	0.316257	-3.16198	0.311461	0.525944	-1.90134	0.858498	0.896275	-1.11573	0.791285	1.17675	1.17675	0.524866	0.673411	-1.48498	0.844003	5.03326	5.30094	1
cg02513924	CCDC15	0.600121	0.778465	0.941609	-1.06201	0.478587	0.857549	-1.16611	0.1204	1.43242	1.43242	0.475844	0.856698	-1.16727	0.610185	0.896117	-1.11593	0.974664	0.993248	-1.0068	0.24367	0.770876	-1.29723	0.395788	1.20384	1.20384	0.918303	0.978351	-1.02213	0.843959	0.608284	0.640667	1
cg19408626	TNFRSF8;TNFRSF8	0.600122	0.897951	0.960581	-1.04104	0.25883	1.44666	1.44666	0.65982	0.87037	-1.14894	0.235665	0.67737	-1.4763	0.365746	0.747312	-1.33813	0.17932	0.639487	-1.56375	0.510311	0.811141	-1.23283	0.992527	1.00294	1.00294	0.295189	0.711581	-1.40532	0.843958	1.31316	1.38307	1
cg02898293	VSX1;VSX1	0.600124	0.105985	3.56831	3.56831	0.348778	2.00366	2.00366	0.53403	1.57424	1.57424	0.565174	1.52032	1.52032	0.908532	1.08633	1.08633	0.412452	1.82895	1.82895	0.251099	2.37253	2.37253	0.109948	3.50901	3.50901	0.480415	1.67666	1.67666	0.843953	6.93847	7.3079	1
cg06734730	SDCCAG1	0.600135	0.996781	1.00081	1.00081	0.561244	1.12509	1.12509	0.441023	1.17074	1.17074	0.818442	1.04721	1.04721	0.266921	0.792903	-1.26119	0.305806	0.808372	-1.23705	0.637215	1.09999	1.09999	0.842127	0.960781	-1.04082	0.123839	1.39706	1.39706	0.843937	0.538015	0.566672	1
cg02695219	ANKRD12;ANKRD12;ANKRD12;ANKRD12	0.600137	0.425408	1.12799	1.12799	0.0570503	1.37517	1.37517	0.364476	1.14784	1.14784	0.259596	1.19006	1.19006	0.66224	1.0672	1.0672	0.635371	1.07323	1.07323	0.23435	1.20256	1.20256	0.638604	1.0725	1.0725	0.390906	1.13891	1.13891	0.843934	0.292612	0.308199	1
cg10857489	SLC12A7	0.600143	0.162349	1.74736	1.74736	0.665691	0.8499	-1.17661	0.911946	0.959458	-1.04226	0.386086	1.39435	1.39435	0.118328	0.530254	-1.88589	0.675107	1.17083	1.17083	0.89964	0.953891	-1.04834	0.712457	0.870665	-1.14855	0.988556	1.00538	1.00538	0.843924	1.8709	1.97059	1
cg21011691	UTP3	0.600145	0.517512	0.647659	-1.54402	0.539281	0.662729	-1.50891	?	?	?	0.12906	2.99418	2.99418	0.85176	0.883725	-1.13157	0.334692	0.51665	-1.93555	0.901979	1.08481	1.08481	0.955769	1.03732	1.03732	0.354987	1.88014	1.88014	0.835901	5.02787	5.26305	1
cg22420257	USP7	0.600145	0.698672	1.14306	1.14306	0.739658	1.12146	1.12146	0.0514823	2.14257	2.14257	0.455042	1.29893	1.29893	0.66021	0.858935	-1.16423	0.420762	1.32672	1.32672	0.666997	1.16043	1.16043	0.743987	1.11923	1.11923	0.503545	0.791892	-1.2628	0.843922	1.5791	1.66324	1
cg19529326	EPB41L4A;FLJ11235;EPB41L4A	0.600145	0.0835218	2.42641	2.42641	0.874444	0.929437	-1.07592	0.290793	1.6608	1.6608	0.500511	1.37223	1.37223	0.2559	1.73122	1.73122	0.272196	1.69705	1.69705	0.448645	1.42948	1.42948	0.755967	0.865662	-1.15519	0.652069	1.23372	1.23372	0.843921	2.86214	3.01464	1
cg17456842	ZNF770	0.600149	0.587396	0.825588	-1.21126	0.783692	0.908225	-1.10105	0.735549	0.888171	-1.12591	0.96324	0.984007	-1.01625	0.830854	1.0777	1.0777	0.307556	0.691081	-1.44701	0.493636	0.784122	-1.27531	0.276962	1.48522	1.48522	0.111427	1.8341	1.8341	0.843916	1.6357	1.72287	1
cg18989491	PFKFB3	0.600154	0.800799	1.06256	1.06256	0.627243	1.12463	1.12463	0.444286	1.20584	1.20584	0.540594	0.861844	-1.1603	0.128662	1.4831	1.4831	0.681847	0.905807	-1.10399	0.142541	1.45982	1.45982	0.843524	1.04857	1.04857	0.310719	1.28626	1.28626	0.843907	0.769913	0.810951	1
cg04236079	JAG2;JAG2	0.600156	0.568918	1.09142	1.09142	0.184857	1.23822	1.23822	0.207704	1.22367	1.22367	0.131793	1.2804	1.2804	0.998393	0.999694	-1.00031	0.507379	0.902856	-1.1076	0.857554	1.02767	1.02767	0.431906	1.12961	1.12961	0.456487	1.12213	1.12213	0.843905	0.308567	0.325016	1
cg09456081	SLC12A6;SLC12A6;SLC12A6;SLC12A6;SLC12A6	0.600164	0.233387	0.575218	-1.73847	0.472229	1.38213	1.38213	0.907312	0.949755	-1.0529	0.613607	0.798233	-1.25277	0.152062	0.507063	-1.97214	0.180364	0.532788	-1.87692	0.490173	0.733276	-1.36374	0.908706	1.05208	1.05208	0.343604	0.64933	-1.54005	0.843892	2.61824	2.75784	1
cg07134368	TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DIS	0.600167	0.613414	2.46322	2.46322	0.881785	0.7685	-1.30124	0.58638	2.64366	2.64366	0.360932	5.26936	5.26936	0.694073	0.496822	-2.01279	0.0648383	0.025495	-39.2233	0.764395	1.70214	1.70214	0.519253	0.3147	-3.17763	0.796412	0.632866	-1.58011	0.843887	41.8504	44.0822	1
cg19388332	CHPT1	0.600168	0.711253	1.24955	1.24955	0.348904	1.78212	1.78212	0.404889	1.66634	1.66634	0.540337	1.44979	1.44979	0.880616	0.913887	-1.09423	0.282722	0.512321	-1.9519	0.319121	1.85319	1.85319	0.173885	2.37934	2.37934	0.273418	1.97966	1.97966	0.843886	4.79826	5.05414	1
cg07067744	BRSK2	0.600178	0.410233	0.592436	-1.68795	0.898993	0.924091	-1.08214	0.16787	2.49359	2.49359	0.985332	1.01149	1.01149	0.171542	0.404586	-2.47166	0.384778	0.574673	-1.74012	0.832268	1.14093	1.14093	0.346866	0.547623	-1.82607	0.737978	0.811627	-1.23209	0.84387	5.16495	5.44048	1
cg09954195	ITPK1;ITPK1;ITPK1	0.600178	0.900749	0.959797	-1.04189	0.313023	0.709499	-1.40945	0.0920191	0.543363	-1.84039	0.331483	0.719268	-1.3903	0.715018	0.886388	-1.12817	0.752586	1.1096	1.1096	0.823544	1.07622	1.07622	0.17558	0.622704	-1.6059	0.918569	1.0342	1.0342	0.84387	1.44555	1.52267	1
cg17373649	ERICH1	0.60018	0.936306	0.978624	-1.02184	0.680426	0.894074	-1.11848	0.75334	1.08896	1.08896	0.300576	1.33642	1.33642	0.245601	0.720137	-1.38863	0.183762	1.46411	1.46411	0.281862	1.35303	1.35303	0.856112	0.952114	-1.05029	0.553511	0.850409	-1.1759	0.843867	0.976811	1.02893	1
cg19160209	C11orf73;C11orf73;C11orf73;C11orf73	0.600181	0.114987	2.87821	2.87821	0.837795	1.13478	1.13478	0.932949	1.05328	1.05328	0.249313	2.1016	2.1016	0.13424	2.70777	2.70777	0.2225	2.20509	2.20509	0.615826	1.36624	1.36624	0.974643	0.980586	-1.0198	0.814855	1.15568	1.15568	0.843867	5.08503	5.35633	1
cg16416045	DLX2;DLX2	0.600183	0.148188	1.36631	1.36631	0.407958	1.18419	1.18419	0.673675	1.08804	1.08804	?	?	?	?	?	?	?	?	?	0.281553	1.25117	1.25117	0.704903	0.927015	-1.07873	0.480763	1.15374	1.15374	0.798373	0.326937	0.477755	1
cg14582279	SLC39A12;SLC39A12	0.600183	0.628612	1.13748	1.13748	0.113642	1.5761	1.5761	0.589261	1.15496	1.15496	0.464302	1.21756	1.21756	0.997901	1.0007	1.0007	0.406585	1.25156	1.25156	0.112483	1.57881	1.57881	0.612968	1.14432	1.14432	0.188505	1.4452	1.4452	0.843863	0.933572	0.983385	1
cg26537248	METTL7B;METTL7B	0.600191	0.296889	0.465289	-2.1492	0.850157	0.874769	-1.14316	0.364623	0.517348	-1.93294	0.576692	0.671016	-1.49028	0.160346	0.346094	-2.88939	0.493551	0.611468	-1.63541	0.555725	0.655997	-1.5244	0.123971	0.307727	-3.24964	0.144231	0.329651	-3.03351	0.843851	6.68869	7.04567	1
cg21301440	CYGB	0.600201	0.340723	0.629773	-1.58787	0.642082	1.24663	1.24663	0.660969	0.81233	-1.23103	0.227166	0.550396	-1.81687	0.124686	0.457101	-2.1877	0.875426	0.928777	-1.07668	0.556724	0.755827	-1.32305	0.135572	0.468804	-2.13309	0.687258	0.826464	-1.20997	0.843836	2.96427	3.12254	1
cg19564637	PELI2	0.600202	0.471625	0.850803	-1.17536	0.355941	1.23309	1.23309	0.344577	1.23964	1.23964	0.778605	1.06417	1.06417	0.137224	1.42366	1.42366	0.322801	0.798229	-1.25277	0.984273	1.00436	1.00436	0.630293	0.898513	-1.11295	0.665905	0.908594	-1.1006	0.843834	0.650739	0.685485	1
cg02715777	FGF18	0.600203	0.640838	0.819873	-1.2197	0.415219	0.703266	-1.42194	0.684551	1.18845	1.18845	0.399643	0.69457	-1.43974	0.0968544	0.462843	-2.16056	0.31184	0.642583	-1.55622	0.149334	0.520199	-1.92234	0.542276	0.770482	-1.29789	0.458197	0.726656	-1.37617	0.843831	2.38787	2.51537	1
cg10943931	USP8;USP8;USP8	0.600218	0.421482	0.752086	-1.32964	0.550289	0.810843	-1.23328	0.15207	0.587232	-1.7029	0.84033	1.0725	1.0725	0.120675	0.557687	-1.79312	0.458478	0.76958	-1.29941	0.584258	1.21132	1.21132	0.777874	1.1031	1.1031	0.413648	0.748299	-1.33636	0.843809	1.60866	1.6946	1
cg05749271	IFITM2	0.600222	0.215838	0.75179	-1.33016	0.491626	1.16531	1.16531	0.754171	0.933511	-1.07122	0.306364	0.792986	-1.26106	0.494626	0.859075	-1.16404	0.98839	0.996818	-1.00319	0.162167	1.38664	1.38664	0.571316	0.882231	-1.13349	0.6065	0.892439	-1.12052	0.843803	0.64109	0.675345	1
cg01557332	THBS2	0.600224	0.681603	0.883882	-1.13137	0.717452	1.11486	1.11486	0.962153	0.985902	-1.0143	0.375222	1.31299	1.31299	0.573373	0.843462	-1.18559	0.927922	0.973292	-1.02744	0.235542	1.45058	1.45058	0.0888996	1.75319	1.75319	0.363114	1.32269	1.32269	0.8438	1.19641	1.26034	1
cg15131001	DLC1;DLC1	0.600235	0.761769	1.14231	1.14231	0.050719	2.64894	2.64894	0.32585	1.5588	1.5588	0.984107	0.991321	-1.00875	0.664808	1.21017	1.21017	0.430948	1.42156	1.42156	0.973335	0.98548	-1.01473	0.227093	1.74177	1.74177	0.63634	1.23173	1.23173	0.843782	2.55891	2.69571	1
cg07590839	TIGD1;EIF4E2	0.600241	0.824919	0.853968	-1.171	0.632731	0.709611	-1.40922	0.0560779	0.214015	-4.67257	0.641301	0.715842	-1.39696	0.306475	0.470312	-2.12625	0.673381	1.35265	1.35265	?	?	?	0.630134	0.707724	-1.41298	0.913643	1.08036	1.08036	0.830773	5.93727	7.14668	1
cg14024893	ENTPD2;ENTPD2	0.600243	0.518786	1.79425	1.79425	0.085215	5.47785	5.47785	0.155425	3.89071	3.89071	0.620337	1.5625	1.5625	0.741755	0.744129	-1.34385	0.850069	0.844403	-1.18427	0.409029	2.12687	2.12687	0.741754	0.744129	-1.34385	0.588851	1.62857	1.62857	0.84377	10.6739	11.2446	1
cg09732150	TLE3;TLE3;TLE3	0.600244	?	?	?	0.201602	3.6687	3.6687	0.857303	1.18776	1.18776	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.927421	1.09099	1.09099	0.663748	3.13416	11.0178	1
cg06728970	KCNJ6	0.600251	0.318485	0.587665	-1.70165	0.084375	0.373683	-2.67607	0.237344	0.528208	-1.89319	0.803376	0.879304	-1.13726	0.270156	0.553218	-1.8076	0.508416	0.707583	-1.41326	0.318848	0.587915	-1.70093	0.910148	0.943456	-1.05993	0.777147	1.15755	1.15755	0.843758	3.55241	3.74242	1
cg06226465	COX4NB;COX4NB	0.600251	0.622879	0.895607	-1.11656	0.0722765	1.56233	1.56233	0.599315	0.888765	-1.12516	0.885278	1.03263	1.03263	0.475675	1.17508	1.17508	0.957143	0.988118	-1.01203	0.989678	1.00288	1.00288	0.333593	0.801046	-1.24837	0.509801	1.16035	1.16035	0.843757	0.66116	0.696525	1
cg01557027	LUZP2	0.600253	?	?	?	0.130354	1.38086	1.38086	0.489371	1.14879	1.14879	0.483737	0.868858	-1.15094	0.94017	0.985283	-1.01494	0.41213	0.847356	-1.18014	0.4137	0.847848	-1.17946	0.539204	0.884448	-1.13065	0.687539	1.08314	1.08314	0.830754	0.456288	0.549245	1
cg10881128	PTPRF;PTPRF	0.600264	0.24084	1.81813	1.81813	0.0746056	2.62994	2.62994	0.475404	1.42384	1.42384	0.744262	0.852684	-1.17277	0.809055	1.12509	1.12509	0.69371	1.21253	1.21253	0.549994	0.744933	-1.3424	0.901499	0.941498	-1.06214	0.622577	0.78542	-1.2732	0.843738	3.16744	3.33694	1
cg14598795	FAM116A	0.600282	0.316991	0.757509	-1.32012	0.669953	1.12199	1.12199	0.236067	1.39562	1.39562	0.196019	0.692757	-1.44351	0.35513	0.774624	-1.29095	0.953442	0.984447	-1.0158	0.608871	0.870616	-1.14861	0.902795	1.03335	1.03335	0.425426	1.24423	1.24423	0.84371	0.963126	1.0147	1
cg04172000	TMEM38A;C19orf42	0.600295	0.793249	0.842758	-1.18658	0.448114	0.604405	-1.65452	0.985137	1.01221	1.01221	0.077811	0.279028	-3.58388	0.495692	0.637281	-1.56917	0.360328	0.541996	-1.84503	0.284945	2.06139	2.06139	0.946807	0.957475	-1.04441	0.648593	0.74169	-1.34827	0.843689	5.6681	5.97176	1
cg00366814	HK2;HK2	0.600304	0.904731	1.01755	1.01755	0.963131	0.993306	-1.00674	0.461007	1.11521	1.11521	0.401815	1.13278	1.13278	0.653639	1.06782	1.06782	0.104755	0.772905	-1.29382	0.410299	0.884851	-1.13013	0.859398	1.0261	1.0261	0.322479	1.16008	1.16008	0.843676	0.282064	0.29718	1
cg06705548	LOC399753	0.600308	0.143253	0.384059	-2.60377	0.420034	0.605809	-1.65069	0.606782	0.729187	-1.37139	0.323901	0.538054	-1.85855	0.231458	0.46601	-2.14587	0.208994	0.446796	-2.23816	0.157157	0.398361	-2.51028	0.304458	0.523626	-1.90976	0.427986	0.611217	-1.63608	0.843669	4.94508	5.21014	1
cg13767245	SRRM3	0.600309	0.375352	0.683425	-1.46322	0.249103	0.604123	-1.65529	0.859971	1.07667	1.07667	0.943853	0.970963	-1.02991	0.0999793	0.470441	-2.12567	0.883576	0.940539	-1.06322	0.159244	0.532935	-1.8764	0.342345	0.664119	-1.50575	0.888461	0.942981	-1.06047	0.843669	2.33867	2.46402	1
cg05073845	FOXO1;FOXO1	0.600324	0.763734	1.16227	1.16227	0.763013	0.859976	-1.16282	0.77779	1.15157	1.15157	0.540998	1.36166	1.36166	0.918975	1.05207	1.05207	0.666337	1.24159	1.24159	0.043508	0.314112	-3.18358	0.720158	0.83573	-1.19656	0.747364	1.17494	1.17494	0.843645	3.32482	3.50312	1
cg21568286	TRIM27	0.600326	0.384809	1.23183	1.23183	0.655526	0.900266	-1.11078	0.443683	1.2005	1.2005	0.0893646	1.55008	1.55008	0.275867	1.30374	1.30374	0.580367	1.13959	1.13959	0.457433	1.19372	1.19372	0.214138	1.35805	1.35805	0.406557	1.21979	1.21979	0.843642	0.731599	0.770836	1
cg07119076	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.600329	0.439814	0.556421	-1.7972	0.102963	0.265176	-3.77109	0.142551	0.30949	-3.23112	0.786753	1.22356	1.22356	0.459006	0.570626	-1.75246	0.613191	0.684337	-1.46127	0.419593	0.541388	-1.8471	0.453246	0.566368	-1.76564	0.67557	1.36778	1.36778	0.843638	7.39756	7.79435	1
cg21595175	SNORD95;GNB2L1	0.600335	0.151431	0.308297	-3.24362	0.529158	0.613821	-1.62914	0.452328	0.55647	-1.79704	0.237689	0.387935	-2.57775	0.430851	0.540364	-1.85061	0.418054	0.530732	-1.88419	0.128483	0.284274	-3.51773	0.196333	0.351379	-2.84593	0.336466	0.468282	-2.13546	0.843629	7.83032	8.25041	1
cg14745871	PTPRG	0.600341	0.60228	1.13429	1.13429	0.632857	0.891062	-1.12226	0.0791804	1.59532	1.59532	0.754915	1.07793	1.07793	0.33325	1.27022	1.27022	0.151254	1.44564	1.44564	0.541304	1.15974	1.15974	0.606021	1.13279	1.13279	0.499582	1.1785	1.1785	0.843618	0.767382	0.808562	1
cg07925487	SSBP1;FLJ40852	0.60035	0.514942	0.913606	-1.09456	0.0812092	1.30282	1.30282	0.800542	0.965951	-1.03525	0.735353	1.04752	1.04752	0.312627	1.15364	1.15364	0.855121	1.02533	1.02533	0.722232	0.952331	-1.05006	0.657992	0.940855	-1.06286	0.319984	1.15099	1.15099	0.843606	0.250189	0.263619	1
cg25215194	LRRC47	0.600351	0.482063	0.648926	-1.54101	0.96724	0.97545	-1.02517	0.507118	0.665439	-1.50277	0.526108	0.677883	-1.47518	0.635157	1.33547	1.33547	0.131043	0.372788	-2.68249	0.126802	0.368061	-2.71694	0.555914	0.697326	-1.43405	0.229497	0.466206	-2.14498	0.843603	4.89389	5.1566	1
cg27025758	TUBE1;C6orf225	0.600374	0.848886	0.928717	-1.07675	0.167009	0.564886	-1.77027	0.446358	0.74014	-1.3511	0.612439	1.21903	1.21903	0.563882	0.797574	-1.2538	0.881952	0.944022	-1.0593	0.13812	1.857	1.857	0.70184	1.16082	1.16082	0.593412	1.23235	1.23235	0.843568	2.00799	2.11587	1
cg19108432	STK10	0.60038	0.750784	1.11507	1.11507	0.287038	0.685318	-1.45918	0.879064	0.949286	-1.05342	0.484531	1.27483	1.27483	0.0917999	0.530208	-1.88605	0.934379	0.972245	-1.02855	0.68207	0.868675	-1.15118	0.317657	1.42343	1.42343	0.815851	0.923357	-1.083	0.843559	1.56095	1.64483	1
cg19105442	COL4A2	0.600388	0.953285	0.981934	-1.0184	0.122384	1.68367	1.68367	0.678117	1.13869	1.13869	0.623373	0.85725	-1.16652	0.144566	1.62853	1.62853	0.728188	1.11469	1.11469	0.252851	1.45014	1.45014	0.732591	0.898769	-1.11263	0.872183	0.95113	-1.05138	0.843547	1.29375	1.36329	1
cg22847870	RGS12;RGS12;RGS12	0.600392	0.910749	1.06488	1.06488	0.133953	2.47475	2.47475	0.105264	2.69735	2.69735	0.823251	1.13363	1.13363	0.541052	0.706879	-1.41467	0.510948	0.68811	-1.45326	0.662172	1.27951	1.27951	0.773465	1.17563	1.17563	0.894215	0.928128	-1.07744	0.843541	4.19903	4.42476	1
cg04895640	STK40	0.600416	0.479431	0.759057	-1.31742	0.702604	1.15846	1.15846	0.264459	0.640194	-1.56203	0.336985	0.684151	-1.46166	0.205108	0.598913	-1.66969	0.154451	0.557407	-1.79402	0.922018	0.963151	-1.03826	0.440497	0.739612	-1.35206	0.192473	0.589229	-1.69713	0.843503	1.96418	2.06986	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg19663942	CCDC40;TBC1D16	0.600417	0.941807	1.035376	0.115576	1.129619	0.42022	1.422022	0.422131	1.19199	1.19199	1.133839	0.402247	1.20154	0.201554	1.153047	0.188787	1.34949	1.34949	1.94106	1.01572	1.01572	0.321997	1.24499	0.15983	1.12061	0.843502	0.612838	0.645814	
cg07881623	TTK;TTK	0.600436	0.95563	0.979489	-1.02094	0.223409	0.621033	-1.61022	0.157049	1.75715	1.75715	1.812238	0.91518	-1.09268	0.272332	0.653393	-1.53047	0.526174	0.787234	-1.27027	0.491482	1.29727	1.29727	0.96354	1.01717	1.01717	0.537835	0.792666	-1.26157	0.843473	1.853332	1.95311	1
cg19191272	RBM19;RBM19;RBM19	0.600444	0.531715	1.64323	1.64323	0.359342	2.093568	2.093568	0.377271	0.491482	-2.03466	0.690942	1.36796	1.36796	0.752065	1.28208	1.28208	0.07867	0.216277	-4.6237	0.633204	1.45783	1.45783	0.989334	0.989574	-1.01054	0.961059	1.03902	1.03902	0.843461	0.21165	0.65392	1
cg26628594	CCT8	0.600458	0.944053	0.957218	-1.04469	0.69477	0.948539	-1.05426	0.668533	1.0594	1.0594	0.361857	0.882309	-1.13377	0.833345	0.97121	-1.02863	0.156569	1.225017	1.225017	0.92622	0.98767	-1.01248	0.854521	1.02489	1.02489	0.11679	1.25641	1.25641	0.843438	0.239702	0.252618	1
cg02795076	C12orf62	0.600466	0.379683	1.23934	1.23934	0.274364	1.31103	1.31103	0.861632	1.04241	1.04241	0.498471	0.849063	-1.17777	0.229121	1.3505	1.3505	0.630698	0.891066	-1.12225	0.983047	0.994954	-1.00507	0.446113	0.831169	-1.20313	0.259312	0.755628	-1.1234	0.843426	0.757341	0.798163	1
cg26540931	TTYH3; IK8KG;IK8KG;IK8KG;G6PD;IK8KG;IK8KG; IK8KG;G6PD;G6PD	0.600468	0.604597	1.1626	1.1626	0.743719	1.09924	1.09924	0.229909	1.4381	1.4381	0.183554	0.665575	-1.50223	0.279581	1.732906	-1.38294	0.730177	0.904967	-1.10501	0.921494	0.971948	-1.02886	0.579441	0.850801	-1.17522	0.39171	1.28801	1.284623	1.1112	1.17211	
cg24156746	IK8KG;G6PD;G6PD	0.600468	0.271721	0.208311	-4.80051	0.689639	0.576732	-1.73391	0.991435	1.01483	1.01483	0.21639	5.95114	5.95114	0.21512	5.98369	5.98369	0.260364	0.199963	-5.00094	0.700382	0.588524	-1.69917	0.927987	0.883434	-1.13195	0.817679	0.728617	-1.37246	0.843423	25.111	26.4567	1
cg12019773	ZFP30	0.600475	0.242362	0.622338	-1.60684	0.245838	1.60075	1.60075	0.739283	1.13822	1.13822	0.74213	1.13654	1.13654	0.762263	0.889049	1.1248	0.375972	1.42217	1.42217	0.354877	1.44197	1.44197	0.181882	1.73197	1.73197	0.702884	1.28689	1.28689	0.843413	2.00696	2.11518	1
cg10093067	NUP98;NUP98;NUP98;NUP98	0.600481	0.316269	0.488296	-2.04794	0.211107	0.401808	-2.4882	0.335316	0.502882	-1.98854	0.458883	0.593453	-1.68505	0.22687	0.415694	-2.40562	0.561102	0.665917	-1.50169	0.339999	0.506434	-1.97459	0.300684	2.10007	2.10007	0.672317	0.74502	-1.34225	0.8494	6.39387	6.73873	1
cg23190719	CALD1;CALD1;CALD1;CALD1;CALD1	0.600484	0.213677	0.380704	-2.62706	0.174065	0.464587	-2.15338	0.468302	1.67069	1.67069	0.597415	0.449155	-2.22598	0.247838	0.416191	-2.40272	0.324443	0.477926	-2.09237	0.381744	0.362812	-2.75629	0.356666	0.445005	-2.36075	0.892774	1.1028	1.1028	0.843392	7.03131	7.41062	1
cg07220851	CST6	0.600491	0.796418	0.817461	-1.2233	0.619888	1.4767	1.4767	0.334258	2.17359	2.17359	0.332587	0.458755	-2.17981	0.614213	0.672837	-1.48624	0.600925	0.662686	-1.50901	0.503528	0.580949	-1.69765	0.816508	1.19866	1.19866	0.31284	3.92174	0.843387	8.11838	8.55638	1
cg25270206	PAQR5;PAQR5	0.600497	0.590507	1.14568	1.14568	0.100397	0.645661	1.35669	0.724113	0.937751	-1.08967	0.731639	1.08712	1.08712	0.250663	0.737349	-1.35621	0.384894	0.808543	1.24094	0.994512	0.998155	-1.00167	0.982321	0.940516	1.06329	0.74016	-1.35038	0.8245	0.94759	-1.05531	0.843379	0.826273	1
cg10440015	DPH1	0.600502	0.681534	0.737578	-1.35579	0.669825	0.728765	-1.37218	0.678665	0.8528	0.8528	0.827921	0.697486	-1.43372	0.17948	0.97211	-1.86277	0.264574	0.424104	-2.35791	0.48339	0.591297	-1.6912	0.680007	1.35791	1.35791	0.477733	1.70315	1.70315	0.84337	7.26854	7.66084	1
cg18639499	3-Mar	0.600507	0.16562	0.828681	-1.20674	0.813942	1.03041	1.03041	0.823605	0.971987	-1.02882	0.59465	1.07064	1.07064	0.884616	1.01863	1.01863	0.771858	0.963726	-1.03764	0.291294	1.14932	1.14932	0.164007	0.829008	-1.20626	0.434091	0.90354	-1.10676	0.843362	0.215731	0.227377	1
cg06832163	USF1;USF1	0.600508	0.535088	0.876601	-1.13817	0.645881	0.909068	-1.10003	0.797125	0.940387	-1.06308	0.695451	0.917907	-1.08975	0.746367	1.34433	0.522934	1.914272	1.14271	1.14271	0.875	0.26993	0.882805	-1.26729	0.774362	0.942497	-1.06103	0.491631	0.843747	-1.18519	0.214505	1.30898	1.308983	0.843461	0.507649	0.59766	1
cg02975986	RAB4B	0.600513	0.595059	1.35755	1.35755	0.610265	1.34032	1.34032	0.37763	1.67505	1.67505	0.286258	0.532045	-1.87954	0.618164	0.751005	-1.33155	0.134512	2.50796	2.50796	0.364937	0.588331	-1.69972	0.998525	1.00105	1.00105	0.640161	1.30771	1.30771	0.843353	4.33686	4.57102	1
cg25346904	LLDP2	0.600525	0.321061	0.629394	-1.60361	0.370241	0.654532	-1.52781	0.233873	0.562781	-1.77689	0.728549	1.17408	1.17408	0.838853	1.09833	1.09833	0.265544	0.586	-1.70648	0.468827	1.38249	1.38249	0.77836	1.1388	1.1388	0.19841	0.534689	-1.87025	0.843336	2.8398	2.98698	1
cg21600282	MTA1	0.600541	0.436178	1.33572	1.33572	0.195522	1.64682	1.64682	0.888825	1.05229	1.05229	0.102812	1.05927	1.05927	0.391646	1.37687	1.37687	0.560748	1.2985	1.2985	0.163485	1.70709	1.70709	0.406784	1.36238	1.36238	0.287472	0.945331	1.77346	1.77346	1.880931	1
cg17777728	TMEM19;TMEM19	0.600572	0.191159	0.813847	-1.22873	0.180528	1.23569	1.23569	0.563201	1.09088	1.09088	0.798109	0.962569	-1.03889	0.692556	0.94257	-1.06093	0.37588	1.14483	1.14483	0.405025	0.880911	-1.13519	0.788837	1.04076	1.04076	0.569478	1.08957	1.08957	0.843263	0.295827	0.311833	1
cg12742796	TTF2	0.600577	0.537318	0.746767	-1.33931	0.920364	0.954117	-1.04787	0.833575	1.59046	1.59046	0.597784	0.779962	-1.28226	0.654039	1.23477	1.23477	0.123377	0.458305	-2.18196	0.533206	1.34317	1.34317	0.280719	1.66957	1.66957	0.67635	1.22161	1.22161	0.843255	2.91864	3.07658	1
cg13203541	PSK1	0.600584	0.342124	0.180247	-5.54795	0.872638	0.755148	-1.32424	0.921695	0.841881	-1.18782	0.226917	0.912174	0.94489	-1.05883	0.631919	0.63919	0.129202	0.056701	-17.6364	0.826898	0.681551	-1.46724	0.986839	0.971539	-1.02929	0.978147	1.04912	-1.04912	0.843244	40.9252	43.1405	1
cg20779149	LOC729609	0.600587	0.121806	0.289234	-3.45107	0.106166	0.271159	-3.68787	0.301874	0.660965	-1.42315	0.885907	0.819282	-1.09573	0.154635	2.0741	2.0741	0.392746	0.477788	0.894221	0.990666	1.010006	1.01006	0.937873	1.06624	1.06624	0.799496	0.937873	1.21888	0.503478	0.605227	1.65227	0.843414	7.95941	8.39207	1
cg05347473	FBXO30	0.600593	0.135736	1.89102	1.89102	0.449128	1.35749	1.35749	0.582303	0.802426	-1.24622	0.476437	1.3323	1.3323	0.712901	1.15772	1.15772	0.650607	0.834701	1.19803	?	?	?	0.285499	0.644307	-1.55205	0.638675	1.20612	1.20612	0.83022	1.83532	2.21065	1
cg18443741	PYROX1	0.600597	0.731275	0.46041	-2.17198	0.312551	0.10892	10.4892	0.261683	0.0718301	-13.9217	0.454141	0.5595	0.5595	0.690031	0.40578	-2.46439	0.812925	0.586000	-1.70471	0.159194	0.038744	-29.5208	0.760424	1.98995	1.98995	0.41052	0.64264	0.643264	0.843224	0.67038	71.265	1
cg16570885	GF2BP2;GF2BP2	0.600617	0.375341	0.4446	2.24956	0.600364	0.487497	2.051329	0.462152	2.76595	2.76595	0.361729	0.482328	0.381372	2.622211	0.444095	4.11195	0.359505	0.485208	2.060507	0.612373	0.408876	2.446707	0.443193	2.64706	2.64706	0.377558	0.743589	1.345589	0.265506	0.766353	0.843208	0.74084	26.0078	1
cg23030863	JAM3	0.600624	0.896795	1.02144	1.02144	0.702966	1.06462	1.06462	0.398563	0.868271	-1.15171	0.876972	0.975	-1.02564	0.8628	0.972128	-1.02867	0.440202	1.13729	1.13729	0.8845384	0.732117	-1.3659	0.602101	1.07498	1.07498	0.331718	1.17782	1.17782	0.843182	0.356676	0.376011	1
cg26375461	LOC285830;LOC285830	0.600625	0.263665	2.49714	2.49714	0.697366	1.18378	1.18378	0.159578	2.30011	2.30011	0.681537	1.38027	1.38027	0.701229	1.3513	1.3513	0.441033	1.9147	1.9147	0.183447	0.939465	-2.54152	0.34196	1.83348	1.83348	0.145597	0.366906	0.725753	0.843702	0.80753	1.34425	1
cg26190201	RIF1	0.600628	0.411958	1.31831	1.31831	0.881171	0.951918	-1.05051	0.509527	1.24659	1.24659	0.108426	1.78048	1.78048	0.274758	1.687742	1.45403	0.762802	0.950597	1.10485	0.443219	0.996502	-1.00396	0.250735	0.892969	-1.11986	0.95015	1.02081	1.02081	0.843175	1.4492	1.52777	1
cg21128614	SNPH	0.600642	0.409404	1.97514	1.97514	0.41866	2.27134	2.27134	0.438148	2.19259	2.19259	0.563289	1.78616	1.78616	0.68556	0.667589	-1.49793	0.378386	1.02746	1.02746	0.407555	2.31869	2.31869	0.0703187	7.45055	7.45055	0.199452	3.84125	3.84125	0.843155	13.1597	13.8735	1
cg11165479	SYP	0.600643	0.196424	2.151113	2.151113	0.598427	0.558148	-1.79021	0.328228	0.672368	-1.48768	0.242162	0.656354	1.52362	0.453236	4.50634	4.50634	0.373886	0.917374	1.090174	0.981182	0.23597	-4.23847	0.880933	0.859381	-1.16374	0.884104	1.14423	1.14423	0.843148	13.6673	14.4087	1
cg21775007	TDH	0.600656	0.33946	1.61889	1.61889	0.740615	1.17651	1.17651	0.978405	1.01333	1.01333	0.111644	0.428367	-2.33445	0.872095	1.08203	1.08203	0.261689	0.564001	-1.77305	0.418805	0.667495	-1.49814	0.913114	0.947996	-1.05486	0.375529	0.640819	-1.5605	0.843134	3.19698	3.37048	1
cg16013485	PBX3;ELE4;TOMM5	0.600662	0.670716	0.829254	-1.20577	0.106166	0.271159	-3.68787	0.301874	0.660965	-1.42315	0.885907	0.819282	-1.09573	0.154635	2.0741	2.0741	0.392746	0.477788	0.894221	0.990666	1.010006	1.01006	0.937873	1.06624	1.06624	0.799496	0.937873	1.21888	0.503478	0.605227	1.65227	0.843414	7.95941	8.39207	1
cg26109788	SUV39H1	0.600667	0.13515	0.282333	-3.54192	0.617722	0.669003	-1.49476	0.849836	0.861716	-1.16048	0.290188	2.36785	2.36785	0.51144	1.68697	1.68697	0.212128	0.356286	-2.80673	0.461254	0.554892	-1.80215	0.958382	0.950851	-1.04183	0.88174	1.1894	-1.1894	0.843128	2.83128	2.98027	1
cg00757262	TOM1L2;TOM1L2	0.600669	0.453324	1.81078	1.81078	0.469488	1.77176	1.77176	0.166205	3.15039	3.15039	0.456716	1.85279	1.85279	0.791478	0.813866	-1.2287	0.491537	1.72123	1.72123	0.085843	0.43738	-2.28508	0.763024	1.25618	1.25618	0.251315	2.53851	2.53851	0.843113	0.80709	0.85029	1
cg20979765	URQA1	0.600671	0.322281	0.647048	1.54596	0.600364	0.487497	2.051329	0.462152	2.76595	2.76595	0.361729	0.482328	0.381372	2.622211	0.444095	4.11195	0.359505	0.485208	2.060507	0.612373	0.408876	2.446707	0.443193	2.64706	2.64706	0.377558	0.743589	1.345589	0.265506	0.766353	0.843208	0.74084	26.0078	1
cg03524154	WHSC1;WHSC1;WHSC1;WHSC1	0.600682	0.24444	0.664521	-1.50484	0.976443	0.990139	-1.00996	0.368775	0.733578	-1.36318	0.87713	1.0533	1.0533	0.0885175	0.53223	-1.87889	0.240882	0.662275	-1.50995	0.76467	0.904149	-1.10601	0.598315	1.19534	1.19534	0.605151	0.839419	-1.1913	0.843092	1.50413	1.58583	1
cg18750407	RHEB1	0.600683	0.928056	1.077	1.077	0.154004	1.02562	1.02562	0.731277	0.93893	-1.06493	0.402433	0.812439	-1.23095	0.0935157	0.97097	-1.03016	0.808632	0.937256	-1.06664	0.633409	1.12252	1.12252	0.618588	1.13201	1.13201	0.834049	0.854537	1.05437	1.05437	0.843054	0.920314	0.218476	1
cg02836487	GATA2;GATA2;GATA2	0.600691	0.335321	0.868686	-1.12754	0.778474	0.789187	-1.26713	0.409764	0.903161	-1.10722	0.749442	0.962026	-1.03947	0.97587	0.996352	1.00366	0.506505	0.921796	-1.08484	0.146644	0.828428	-1.20711	0.822681	1.02749	1.02749	0.9288	0.98926	-1.01086	0.843078	0.14901	0.205501	1
cg26791963	BCAS3;BCAS3	0.600694	0.436475	1.35833	1.35833	0.696455	0.859638	-1.16328	0.19923	1.68757	1.68757	0.747363	0.882776	-1.13279	0.20139	1.68287	1.68287	0.46387	1.33325	1.33325	0.263661	1.56756	1.56756	0.791095	0.902652	-1.10785	0.44021	0.738104	-1.35482	0.843075	1.98723	2.09522	1
cg22531824	ZNF70	0.600702	0.265576	2.49714	2.49714	0.697366	1.18378	1.18378	0.159578	2.30011	2.30011	0.681537	1.38027	1.38027	0.701229	1.3513	1.3513	0.441033	1.9147	1.9147	0.183447	0.939465	-2.54152	0.34196	1.83348	1.83348	0.145597	0.366906	0.725753	0.843702	0.80753	1.34425	1
cg02836487	GATA2;GATA2;GATA2	0.600691	0.335321	0.868686	-1.12754	0.778474	0.789187	-1.26713	0.409764	0.903161	-1.10722	0.749442	0.962026	-1.03947	0.97587	0.996352	1.00366	0.506505	0.921796	-1.08484	0.146644	0.828428	-1.20711	0.822681	1.02749	1.02749	0.9288	0.98926	-1.01086	0.843078	0.14901	0.205501	1
cg26791963	BCAS3;BCAS3	0.600694	0.436475	1.35833	1.35833	0.696455	0.859638	-1.16328	0.19923	1.68757	1.68757	0.747363	0.882776	-1.13279	0.20139	1.68287	1.68287	0.46387	1.33325	1.33325	0.263661	1.56756	1.56756	0.791095	0.902652	-1.10785	0.44021	0.738104	-1.35482	0.843075	1.98723	2.09522	1
cg22531824	ZNF70	0.600702	0.265576	2.49714	2.49714	0.697366	1.18378	1.18378	0.159578	2.30011	2.30011	0.681537	1.38027	1.38027	0.701229	1.3513	1.3513	0.441033	1.9147	1.9147	0.183447	0.939465	-2.54152	0.34196	1.83348	1.83348	0.145597	0.366906	0.725753	0.843702	0.80753	1.34425	1
cg02848288	PHIP	0.600712	0.825659	0.967757	-1.03332	0.148047	1.25927	1.25927	0.0947212	1.31369	1.31369	0.953128	1.00877	1.00877	0.760018	0.956632	-1.04533	0.628231	0.930074	-1.07518	0.531371	0.910107	-1.09877	0.732539	1.05228	1.05228	0.967982	1.00598	1.00598	0.843046	0.294698	0.310723	1
cg26401825	PCDH19;PCDH19	0.600730	0.540709	0.850004	-1.17655	0.499922	0.599599	-1.66753	0.624259	0.859155	0.624259	0.141211	0.8582	0.8582	0.362105	1.5696	1.5696	0.263729	0.431214	0.692	0.442675	0.42675	0.960844	1.04122	1.02278	1.02278	0.779575	0.879038	1.13709	0.843015	0.79238	0.84178	0.207098	1
cg16929802	ATAD2B	0.600739	0.816371	1.04249	1.04249	0.961114	1.00876	1.00876	0.988772	1.00252	1.00252	0.233844	0.79991	-1.25014	0.776177	1.05231	1.05231	0.951988	1.01083	1.01083	0.44373	1.1499	1.1499	0.666215	1.08072	1.08072	0.643827	1.4502	1.4502	0.843006	0.427202	0.450454	1
cg15574437	MAD2L1;MAD1L1;MAD1L1	0.600739	0.119978	0.674485	-1.48239	0.990277	1.01956	1.01956	0.0196	1.25255	1.25255	0.0114	1.29255	1.29255	0.0139	1.22258	0.819477	1.25128	1.28146	1.28146	0.0139	1.39178	1.39178	0.0139	1.39743	1.39743	0.54004	1.34824	1.34824	0.843005	1.01273	1.01273	0.843004	34.0824	35.9375	1
cg28762693	PTPRN2;PTPRN2;PTPRN2	0.600758	0.189989	0.641567	-1.55868	0.164616	0.574835	-1.21044	0.84497	1.03655	1.03655	0.895444	0.959151	-1.03914	0.598892	0.647214	-1.54508	0.156301	0.465826	-2.14672	0.503041	0.473228	-2.11378	0.624853	0.872682	0.92569	-1.08027	0.842975	1.38805	1.57259	1
cg10334976	ECH1	0.600768	0.925933	1.07139	1.07139	0.443331	1.78534	1.78534	0.0647558	4.65678	4.65678	0.860126	1.13974	1.13974	0.528521	0.622797	-1.60566	0.786721	1.22277	1.22277	0.698717	1.33433	1.33433	0.324835	0.470486	-2.12546	0.896922	0.908356	-1.10089	0.842961	7.3422	7.74224	1
cg20683656	EBF2	0.600769	0.587899	0.810611	-1.23394	0.58228	0.647455	-1.54417	0.733657	1.32047	1.29247	0.653888	1.19623	1.19623	0.597936	0.847452	-1.18006	0.348407	0.812018	-1.23128	0.208892	0.559029	1.79005	0.995424	1.14304	1.41304	0.284984	1.55411	1.55411	0.842953	2.10403	2.21885	1
cg06016675	ERICH1	0.600776	0.636968	1.17441	1.17441	0.352828	1.38171	1.38171	0.333068	1.40168	1.40168	0.61177	0.841056	-1.18898	0.447221	1.2995	1.2995	0.529926	0.806388	-1.2401	0.0743889	1.95872	1.95872	0.992501	0.996827	-1.00318	0.714393	1.13236	1.13236	0.842947	1.52687	1.61009	1
cg07505725	INSM1	0.600785	0.323535	0.848555	-1.17847	0.396609	0.869794	-1.1497	0.819274	0.968891	-1.03746	0.574819	1.09536	1.09536	0.924327	0.984848	-1.01538	0.644706	1.11785	1.11785	0.97509	0.778763	-1.28408	0.816772	1.038	1.038	0.778662	0.794838	-1.25812	0.842915	0.344773	0.363569	1
cg15239304	WDFY1	0.600807	0.595022	1.18688	1.18688	?	0.469145	1.84407	0.133687	1.68047	1.68047	0.932081	0.92759	-1.07759	0.822521	0.930772	-1.07438	0.243151	1.47982	1.47982	0.95369	0.904879	-1.10512	0.417749	0.767637	-1.3027	0.505577	0.805965	-1.24075	0.842883	1.19139	1.24705	1
cg06818515	FLYWCH2;FLYWCH2;FLYWCH2 TAZ;TAZ;TAZ;TAZ;DNASE1L1;DNASE1L1	0.600821	0.903912	1.06221	1.06221	0.045822	1.31901	1.31901	0.286569	1.73842	1.73842	0.668401	1.24026	1.24026	0.174276	0.947203	0.967371	1.03373	0.837649	1.10796	1.10796	0.349339	1.61834	1.61834	0.786748	1.14511	1.14511	0.362961	1.59553	1.59553	0.842879	3.33316	3.51511	1
cg03670113	TAZ;DNASE1L1	0.600823	0.133881	0.16334	-6.1222	0.107812	0.139911	-7.14738	0.701282	0.649221	-1.54031	0.616701	1.76051	1.76051	0.686306	0.634408	-1.57627	0.229618	0.243454	-4.10755	0.699329	0.647278	-1.54493	0.944247	1.08154	1.08154	0.648286	0.597665	-1.67318	0.842875	16.7691	17.6845	1
cg03531512	TFP11;TFP11	0.600833	0.738995	1.22839	1.22839	0.776121	0.900188	-1.11088	0.703455	0.868445	-1.15148	0.185927	1.80068	1.80068	0.490617	0.752857	-1.32827	0.174858	1.70267	1.70267	0.465605	0.760923	-1.31419	0.941608	0.973544	-1.02739	0.607312	0.805632	-1.24122	0.842863	1.81571	1.91486	1
cg23075568	CORO2A	0.600847	0.510128	0.847779	-1.14315	0.493557	0.14939	1.14939	0.0475667	5.57423	5.57423	0.981374	0.995336	-1.00469	0.981097	1.00476	1.00476	0.811443	0.953269	-1.04902	0.938282	0.984786	-1.01545	0.398568	1.18895	1.18895	0.77727	1.05843	1.05843	0.842839	0.535268	0.564513	1
cg19876232	SGMS1	0.600866	0.775823	1.10697	1.10697	0.510844	1.26794	1.26794	0.788417	1.10048	1.10048	0.183411	1.6527	1.6527	0.536275	1.24972	1.24972	0.894003	1.04859	1.04859	0.0862869	1.96316	1.96316	0.428228	0.749846	-1.33361	0.733061	0.885278	-1.12959	0.842809	0.809281	1.69116	1.78362	1
cg18197880	WHSC1;WHSC1;WHSC1;WHSC1	0.600867	0.414337	1.160928	1.160928	0.479446	1.42939	1.42939	0.703455	0.868445	-1.15148	0.185927	1.80068	1.80068	0.490617	0.752857	-1.32827	0.336818	1.70267	1.70267	0.465605	0.760923	-1.31419	0.941608	0.973544	-1.02739	0.607312	0.805632	-1.24122	0.842863	1.81571	1.91486	1
cg04010868	ZC3H7A;ZC3H7A	0.600893	0.263138	0.591493	-1.69064	0.300828	0.617199	-1.62022	0.169962	0.452887	-2.20806	0.938501	1.03534	1.03534	0.382547	0.669429	-1.49381	0.454328	1.40925	1.40925	0.493662	0.700134	-1.42582	0.820643	1.10762	1.10762	0.824378	0.904798	-1.10522	0.842767	2.70428	2.85227	1
cg24700020	PAK4;PAK4;PAK4;PAK4;PAK4	0.600900	0.2122	0.608284	-1.64396	0.122374	1.727274	1.727274	0.375	1.09344	1.09344	0.115094	0.685146	1.685146	0.245209	0.498231	-2.0071	0.278323	0.524079	-1.90811	0.111764	0.393578	-2.54079	0.298202	0.939353	-1.06447	0.782484	1.2302	1.2302	0.842746	4.34896	4.62466	1
cg06048040	C5orf4;C5orf4	0.600931	0.477823	0.472019	-2.11856	0.063513	0.114128	-8.76207	0.169207	0.217927	-4.5887	0.495793	0.487022	-2.05329	0.311598	0.336558	2.97125	0.533	0.518475	-1.92873	0.366226	0.380724	-2.62658	0.401101	0.408998	-2.445	0.60428	0.580492	-1.72268	0.84271	14.4431	15.2345	1
cg19881050	EIF2S2	0.600935	0.78371	0.35361	1.05361	0.859144	0.10424	1.03424	0.210117	0.778285	-1.28488	0.954511	1.01089	1.01089	0.776099	0.95561	1.05561	0.577053	1.12186	1.12186	0.0651103

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 217 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 217 vs. N)	p-value(1347T vs. N)	Fold-Change(1-vs-1347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 537 vs. N)	p-value(5637T vs. N)	Fold-Change(1-vs-5637T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg26759552	LOC100134229;JHDM1D	0.601481	0.610464	0.928293	-1.10097	1.080618	0.695735	-1.43733	0.72833	0.936799	-1.06747	0.717771	0.10702	1.037152	0.881314	1.02837	1.028317	0.755112	0.943103	-1.06033	0.174192	0.762888	-1.31081	0.950314	0.988401	-1.01774	0.241838	0.795504	-1.2578	0.841855	0.46738	0.491492	1
cg12239365	NUDT10	0.601486	0.226597	0.309781	-3.22808	0.930052	0.931848	-1.07314	0.810924	0.801537	-1.2476	0.227041	0.32412	3.224412	0.382443	2.27846	2.27846	0.163064	0.253021	-3.95224	0.777175	0.760593	-1.29939	0.938614	1.07368	1.07368	0.799273	1.26517	1.265117	0.841852	1.16	11.9947	1
cg10010083	VOPP1	0.601497	0.439613	0.848184	-1.17899	0.734382	1.073574	1.073574	0.148226	1.38264	1.38264	0.464736	0.856045	-1.16816	0.718801	0.927249	-1.07846	0.800887	0.948579	-1.05421	0.130108	0.71067	-1.40712	0.704711	0.923545	-1.08278	0.892696	0.9722	-1.02859	0.841837	0.581828	0.614347	1
cg10187562	LRRC32;LRRC32	0.601515	0.633468	0.935115	-1.06939	1.070004	1.20981	1.20981	0.637199	1.06859	1.06859	0.680443	1.059561	1.059561	0.534972	0.91591	-1.09171	0.34124	0.872	-1.14677	0.998885	1.0002	1.0002	0.450577	1.13333	1.11333	0.155963	1.23623	1.236313	0.841809	0.260032	0.274575	1
cg18754555	HDLBP;HDLBP	0.601516	0.735155	0.879076	-1.13756	0.4002	1.38666	1.38666	0.148254	1.80163	1.80163	0.631156	0.832251	-1.20156	0.814928	0.914839	-1.09309	0.102849	1.96881	1.96881	0.876637	1.06074	1.06074	0.704721	0.865436	-1.15549	0.857453	1.07063	1.07063	0.841807	1.92112	2.02856	1
cg06175981	ACCN/;ACCN/	0.601552	0.466091	1.28453	2.39453	0.427738	1.31505	1.31505	0.325868	0.79055	0.79055	-1.40934	0.878046	1.05331	0.516131	0.816476	1.08181	1.08181	1.08181	0.218692	1.54897	1.54897	0.123578	1.75801	1.75801	0.324589	1.41071	1.41071	0.673575	1.15409	1.154089	0.841801	1.52537	1.61069	1
cg10164300	VWA5A;VWA5A;VWA5A	0.601528	0.581354	0.554121	-1.80466	0.577242	0.550495	-1.81655	0.760749	1.3823	1.3823	0.0410008	0.0820921	-12.1814	0.34031	0.352846	-2.8341	0.66613	0.631186	-1.58432	0.50639	0.489353	-2.04352	0.439954	0.433916	-2.30459	0.564405	0.539233	-1.85449	0.841788	1.94814	15.8196	1
cg09023584	ZFYVE28	0.601553	0.826454	0.429471	-2.36144	0.804666	1.20139	1.20139	0.109328	1.01928	1.01928	0.62626	0.695311	-1.43821	0.6834817	0.242062	-4.13117	0.263126	0.420057	-2.38061	0.399992	0.418951	-2.38807	0.387664	0.519125	-1.92632	0.539408	0.631241	-1.58418	0.841786	7.30932	7.71822	1
cg23990723	BIVM;BIVM;KDELC1;BIVM;BIVM	0.601541	0.275803	1.68876	1.68876	0.458314	1.4161	1.4161	0.547994	1.32096	1.32096	0.841276	0.911981	1.09651	0.637835	0.772348	1.29475	0.842604	1.09566	1.09566	0.832916	0.907487	-1.10194	0.8899161	0.418153	-2.39147	0.881774	1.07077	1.070769	0.841787	2.79025	2.5452	1
cg05432794	EFNB3	0.601543	0.459155	1.169	1.169	0.715746	0.927034	-1.07871	0.213749	0.76245	-1.31156	0.706123	0.924522	-1.08164	0.475164	0.860325	-1.16235	0.337852	0.814899	-1.22715	0.0843288	0.673281	-1.48526	0.943913	0.985529	-1.01468	0.907894	1.02427	1.024027	0.841766	0.57219	0.604222	1
cg04584432	SCLY	0.601562	0.995869	1.00238	1.00238	0.997405	1.00238	1.00238	1.18648	1.186495	1.186495	1.50182	1.501822	1.342028	1.342028	1.342028	1.342028	0.587082	1.28571	1.28571	0.775103	0.854159	1.17267	1.172672	0.579715	1.17267	1.172672	1.171366	1.171366	0.841786	2.80024	2.9571	1
cg21202981	C7orf50;C7orf50;C7orf50	0.601569	0.349882	0.580081	-1.7233	0.297417	0.542609	-1.84295	0.326871	0.563916	-1.77331	0.601451	1.34751	1.34751	0.14027	0.366008	-2.73218	0.233369	0.493043	-2.02822	0.54308	0.706586	-1.41526	0.984309	1.33242	1.07811	1.07811	0.572562	0.725862	-1.37767	0.841726	4.27005	4.50931	1
cg06115126	ATF6B;ATF6B	0.601593	0.757622	0.596452	-1.65503	0.698748	1.16711	1.16711	0.26539	1.19873	1.19873	0.131791	1.312221	1.312221	0.343449	0.84958	-1.17705	0.275108	2.08083	2.08083	0.350002	0.9499	-1.05274	0.588909	0.99541	1.09541	0.841909	0.973805	0.973805	0.841786	1.13326	1.153267	1
cg16855845	DNASE2	0.601601	0.67044	0.798592	-1.2522	0.63572	0.778254	-1.28493	0.617409	0.78545	-1.27295	0.592662	0.973725	0.350843	-2.85028	0.991475	0.994403	-1.00563	0.32026	0.582993	-1.71529	0.749861	0.845303	-1.18301	0.51787	1.14121	1.141211	0.841675	3.67986	3.88628	1
cg22085135	KCNF1;KCNF1	0.601602	0.597034	0.862608	-1.15927	0.312514	1.33563	1.33563	0.886551	1.04034	1.04034	0.330225	1.32092	1.32092	0.098329	0.605406	-1.65179	0.615172	0.869001	-1.15075	0.633752	1.14266	1.14266	0.842738	1.05657	1.05657	0.658308	0.883936	-1.1313	0.841674	1.02292	1.0803	1
cg07797231	NPHP3;NPHP3	0.601613	0.136093	1.53808	1.53808	0.992087	1.00486	1.00486	0.420198	1.19184	1.19184	0.8807653	0.955031	1.04642	0.65941	1.05403	1.10549	0.614783	0.70779	-1.4908	0.963068	1.03711	1.03711	0.916212	0.920524	-1.08634	0.760841	1.27155	1.27155	0.841658	8.2545	8.71772	1
cg22703945	CATSPERG	0.601628	0.467616	0.864012	-1.15739	0.915104	0.979132	-1.02131	0.818199	0.955486	-1.04659	0.501126	1.14458	1.14458	0.928256	0.982347	-1.01797	0.939583	0.985121	-1.0151	0.312969	1.22925	1.22925	0.063172	1.51178	1.51178	0.719978	0.931283	-1.07379	0.841635	0.521343	0.550614	1
cg19302124	FNTA;FNTA;FNTA	0.601631	0.824759	1.062553	1.062553	0.58396	0.858926	-1.16425	0.573827	0.857622	-1.16602	0.877271	1.04617	1.04617	0.790703	1.0794	1.0794	0.379739	0.781572	-1.27907	0.353262	1.29128	1.29128	0.078531	1.70652	1.70652	0.568348	1.17092	1.170924	0.841629	0.997117	1.05311	1
cg16328275	CCNE2	0.601648	0.316792	1.26016	1.26016	0.822931	1.10535	1.10535	0.852481	1.02427	1.02427	0.314185	1.26184	1.26184	0.071986	1.52518	1.52518	0.589189	1.12955	1.12955	0.623848	1.16005	1.16005	0.348849	0.806143	-1.24048	0.770246	0.93666	-1.06762	0.841604	0.665453	0.702841	1
cg07103291	PDE8A;PDE8A	0.601649	0.321494	1.78601	1.78601	0.877526	0.916378	-1.09125	0.898874	0.930534	-1.07465	0.423629	1.58846	1.58846	0.520173	1.44648	1.44648	0.318788	1.79222	1.79222	0.0874244	2.91097	2.91097	0.278143	1.89382	1.89382	0.256034	1.95695	1.956095	0.841602	4.27405	4.51419	1
cg09194750	PDHX;PDHX;PDHX;APP;PDHX	0.601653	0.217481	2.58882	2.58882	0.386254	0.910596	-1.10898	0.161476	0.97518	-1.02578	0.198821	1.29592	1.29592	0.491561	1.76586	1.76586	?	?	?	?	?	1.28954	1.28954	0.208335	1.56507	1.565071	0.840485	1.86795	1.867951	0.828554	6.26933	7.56658	1
cg26383838	C12orf74	0.601658	0.691719	0.934315	-1.0703	0.6685218	1.41569	1.41569	0.840539	0.556863	0.90343	-1.10689	0.839455	0.90343	-1.10689	0.839455	0.90343	0.915132	1.01834	1.01834	0.43168	1.13965	1.13965	0.89648	0.978054	-1.02244	0.323857	1.18969	1.189691	0.841589	0.387345	0.409116	1
cg12361356	CAMSAP1L1	0.601673	0.547676	0.725125	-1.37899	0.45045	0.842443	0.842443	0.302707	0.755415	0.81905	-1.22174	0.755415	0.81905	-1.22174	0.755415	0.81905	0.555845	0.795485	-1.25706	0.622863	0.755415	0.81905	-1.22174	0.755415	0.81905	-1.22174	0.755415	0.81905	-1.22174

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg17138539	MEGF, MEDB	0.662401	0.767709	0.8099966	0.111135	0.395569	0.733741	-1.36288	0.542749	0.803135	-1.24512	0.278636	0.149338	0.490184	0.360041	1.39773	0.73773	0.886361	-1.21281	0.361249	1.39629	0.673396	0.859976	-1.16282	0.194154	0.613363	0.640305	1.68512	1.78255	1
cg05185038	CRIP2	0.662493	0.63864	0.69021	-1.44883	0.6583679	0.45065	4.95065	0.21642	2.77214	0.584651	1.54137	0.54137	0.689429	0.729874	1.3701	0.719235	1.32706	1.32706	0.937118	0.940025	-1.0638	0.867937	1.13934	1.13934	0.662095	0.708432	-1.41157	0.840303	1.87725	8.65005	1
cg19613930	ZCSH10	0.6024498	0.617324	1.2142	1.2142	1.21525	1.895222	1.895222	0.35642	1.44118	1.44118	0.937258	0.965429	-1.03581	0.560032	0.796478	-1.2549	0.432614	1.36145	1.36145	0.21562	0.605237	-1.65224	0.827202	1.08788	1.08788	0.803046	1.10218	1.10218	0.8402295	1.9756	2.089851	1
cg00985388	VWA5B2	0.6025025	0.66806	0.787082	-1.27052	0.629348	1.309861	1.309861	0.31806	1.55155921	1.4418	1.44011	0.7134997	0.833605	-1.22159	0.84795	0.8389544	-1.11242	0.311203	0.559054	-1.7881	0.554025	0.298201	-1.33545	0.634519	0.7666	-1.30446	0.70231	0.808048	-1.23755	0.840283	4.099338	4.33601	1
cg24781737	KLC2;RAB1B;KLC2;KLC2;KLC2	0.602506	0.656881	0.821459	-1.21735	0.209729	1.78877	1.78877	0.26011	1.67654	1.67654	0.241444	0.175373	0.785925	0.887133	-1.12723	0.98204	0.990147	-1.00995	0.889198	1.06324	0.295326	1.61086	0.188725	1.84518	0.840282	2.57528	2.72425	1
cg16240545	PHGDH	0.6025516	0.950015	0.970621	-1.03027	0.8245299	0.40352	-2.47819	0.336645	0.624255	-1.60191	0.871199	1.08204	1.08204	0.504084	0.724363	-1.38052	0.308388	0.605645	-1.65113	0.466126	0.702744	-1.42299	0.658115	0.809105	-1.23593	0.402237	1.50344	1.50344	0.842266	3.01071	3.18493	1
cg06085476	CLOCK	0.6025518	?	?	?	0.326261	1.837631	1.837631	0.209727	2.21144	2.21144	0.845836	1.12397	1.12397	0.303525	0.527402	-1.89609	0.527402	-1.89609	0.243099	2.08197	2.08197	0.912516	0.936151	-1.0682	0.973424	1.0202	1.0202	0.360917	1.75743	1.75743	0.827197	4.19722	5.07403	1
cg13691960	C1orf21	0.6025525	0.524298	1.39484	1.39484	0.195693	2.225227	2.225227	0.23519	1.23319	1.23319	0.24165	1.46544	1.46544	0.32707	1.68503	1.68503	0.203001	1.99082	1.99082	0.11249	2.43782	2.43782	0.533029	1.38489	1.38489	0.187301	2.05673	2.05673	0.840254	3.53939	3.74425	1
cg15588197	A2M	0.6025526	0.424399	0.738576	1.35396	0.793222	1.135511	1.135511	0.666084	0.851067	-1.175	0.415205	1.36254	1.36254	0.523486	0.786497	-1.27146	0.864459	0.938509	-1.06552	0.122578	1.86169	1.86169	0.348477	1.43123	1.43123	0.340684	1.44012	1.44012	0.852425	1.83611	1.9424	1
cg14387153	KDM2B;KDM2B	0.6025527	0.441391	1.72861	1.72861	0.447903	0.583187	-1.71472	0.987804	1.01071	1.01071	0.289461	2.15239	2.15239	0.781271	1.21417	1.21417	0.869881	0.891992	-1.12109	0.496176	0.617713	-1.61887	0.426406	1.76157	1.76157	0.0982438	3.54083	3.54083	0.840249	6.46846	6.8426	1
cg09466314	PARM1	0.6025535	0.2563927	1.61687	1.61687	0.1766	0.2599252	0.5685318	1.033335	1.033335	0.1031	1.779694	1.779694	0.2896	1.56241	1.56241	0.1581571	1.779694	1.779694	0.689388	1.17688	1.17688	0.1146427	1.844882	1.844882	0.6756067	1.14736	1.18736	0.1314018	1.52389	1.52389	0.840237	2.18587	2.3135	1
cg08114180	IRX3	0.6025564	0.301885	1.66809	1.66809	0.738044	0.852145	-1.17351	0.525097	0.734854	-1.36081	0.382183	1.53534	1.53534	0.942728	0.966212	-1.03497	0.722809	0.843342	-1.18576	0.186916	1.95376	1.95376	0.952	1.92599	1.92599	0.550148	0.748842	-1.3356	0.840193	3.04541	3.32192	1
cg26744081	JAZF1	0.6025571	0.785284	0.924461	-1.08173	0.4220648	1.26699	1.26699	0.974781	1.00913	1.00913	0.593623	1.56756	1.56756	0.768237	0.918512	-1.08872	0.945906	0.881878	-1.01846	0.8432603	1.95178	1.95178	0.561154	1.18414	1.18414	0.443189	1.25217	1.25217	0.840182	1.91091	1.16473	1
cg26329998	TMEM229A	0.6025571	0.985336	0.995309	-1.00471	0.522478	1.1804	1.1804	0.18506	1.58755317	1.62023	1.62023	0.302398	1.31438	1.31438	0.565224	1.1609	1.1609	1.16039	0.905344	1.03091	1.03091	0.925223	0.976266	-1.02431	0.334054	1.06337	1.29037	0.144642	1.49316	1.49316	0.840181	0.871181	0.9216854	1
cg09834444	SPIRE2	0.6025586	0.779077	0.972915	-1.02784	0.327412	1.10374	1.10374	0.676051	1.04188	1.04188	0.276524	0.895378	-1.11685	0.0720583	0.821984	-1.21657	0.717341	0.965137	-1.03613	0.821441	0.978171	-1.02232	0.726507	0.966295	-1.03488	0.832066	0.97948	-1.02095	0.840159	0.126847	0.134205	1
cg11525980	PC;PC;PC	0.6025605	0.86307	0.910253	-1.09861	0.7194	0.821615	-1.22712	0.242991	1.94644	1.94644	0.644125	1.28839	1.28839	0.490413	0.882708	-1.13345	0.150929	0.432108	-2.31285	0.310908	0.564896	-1.77024	0.447739	0.656071	-1.52423	0.601004	1.333	1.333	0.84013	1.94826	2.47741	1
cg16568472	ITPA;ITPA	0.6026116	0.450497	0.845122	-1.18326	0.98066	1.02544	1.02544	0.759422	0.934985	-1.06954	0.106002	0.679505	-1.47166	0.288021	0.785517	-1.27305	0.203565	0.745495	-1.34139	0.211165	0.749527	-1.33417	0.928366	1.01987	1.01987	0.911482	1.02464	1.02464	0.840112	0.637306	0.674308	1
cg03079937	ADAM32	0.6026218	0.389222	1.37465	1.37465	0.086896	1.97747	1.97747	0.196762	1.38692	1.38692	0.889469	1.05142	1.05142	0.429174	1.33782	1.33782	0.954578	0.979669	-1.02075	0.909008	1.04209	1.04209	0.312229	1.45787	1.45787	0.150689	1.74271	1.74271	0.84011	1.73028	1.83075	1
cg00828059	CCDC127	0.6026262	0.165736	0.695901	-1.43756	0.177617	0.703713	-1.42103	0.290794	1.76424	-1.36498	0.670528	1.10066	1.10066	0.410123	0.813152	-1.22948	0.245983	0.742609	-1.3466	0.3573	0.792796	-1.26136	0.429883	0.820676	-1.21851	0.152107	0.686414	-1.45685	0.840107	0.800356	0.84083	1
cg17837572	SDK1;SDK1	0.6026623	0.183997	0.458425	-2.18138	0.74857	1.19479	1.19479	0.233312	1.99685	1.99685	0.466061	0.663317	-1.50758	0.587938	0.738785	-1.35357	0.273806	1.87802	1.87802	0.755064	1.18909	1.18909	0.779724	0.856274	-1.16785	0.513262	0.692866	-1.44328	0.840102	4.07493	4.31156	1
cg02035653	LOC285830;LOC285830	0.6026623	0.77701	1.29587	1.29587	0.229503	0.686136	-1.45744	0.469669	0.51098	-1.95702	0.625224	1.5673	1.5673	0.141129	0.735825	-1.42043	0.55979	1.71304	1.71304	0.0893448	1.02274	1.02274	0.921581	0.976549	1.02464	0.921581	0.764202	-1.30851	0.840102	0.11859	0.117297	1
cg02152034	EMID1	0.6026629	0.615048	1.15881	1.15881	0.18115	0.661875	-1.51086	0.658742	1.13792	1.13792	0.188002	0.666626	-1.50009	0.663469	0.880499	-1.13572	0.609694	0.860996	-1.16145	0.467827	0.806755	-1.23953	0.203864	0.677185	-1.4767	0.29957	0.731611	-1.36685	0.840093	1.12423	1.18953	1
cg22680723	ZNF302;ZNF250	0.6026705	0.9981	0.999525	-1.00048	0.197161	1.8356	1.8356	0.206153	1.06015	1.06015	0.716857	1.06687	1.06687	0.704363	0.938225	-1.06557	0.817928	0.907703	-1.10182	0.783207	0.785735	0.780281	-1.28159	0.34102	0.853749	0.171046	0.796427	-1.25548	0.84006	0.953403	0.952233	1
cg15627380	RAB40B	0.6026961	0.850955	1.0369	1.0369	0.841177	1.03941	1.03941	0.587546	1.11143	1.11143	0.21462	0.775966	-1.28872	0.714722	0.931685	-1.07332	0.71137	0.930866	-1.07427	0.103573	0.7063	-1.41583	0.369844	1.19497	1.19497	0.731793	0.93584	-1.06856	0.844754	0.485973	0.447443	1
cg06511189	FAM58A;FAM58A	0.6026972	0.349793	0.270881	-3.69166	0.51584	0.408984	-2.44508	0.846188	1.30154	1.30154	0.100166	11.5239	11.5239	0.485108	0.569765	-1.75511	0.304315	0.236064	-4.23615	0.817199	1.36917	1.36917	0.356677	2.06418	2.06418	0.744608	1.55827	1.55827	0.840226	24.5001	25.9252	1
cg08121252	MSX1	0.6026976	0.696762	0.884122	-1.13107	0.2815	1.19215	1.19215	0.821615	1.22712	0.242991	1.94644	1.94644	0.644125	1.28839	1.28839	0.490413	0.882708	1.46463	0.519025	0.432108	-2.31285	0.310908	0.564896	0.744814	-1.34262	0.683158	1.13158	1.13158	0.84013	1.3958	1.39225	1
cg20438687	MINK1;MINK1;MINK1;MINK1	0.6026984	0.640996	0.678623	-1.47357	0.0727379	0.19154	-5.22084	0.482203	0.554517	-1.80337	0.553139	0.609406	-1.64094	0.357022	0.457487	-2.18586	0.183441	0.311883	-3.20634	0.380828	0.476126	-2.10029	0.333526	0.438919	-2.27832	0.856248	1.16148	1.16148	0.840008	9.06653	9.59412	1
cg18260885	TTC7B	0.6027026	0.837265	1.13552	1.13552	0.043122	1.55826	1.55826	0.31754	1.25614	1.25614	0.46869	0.604431	0.65435	2.3114	2.3114	0.469859	0.604431	-1.65435	1.32897	1.32897	0.814278	0.550724	1.45218	1.45218	0.647005	1.32897	1.32897	0.814278	1.02552	1.02552	0.839987	5.08051	5.37628	1
cg02085915	TMEM150C	0.6027107	0.6874	0.824545	-1.21279	0.343011	0.627552	-1.59349	0.690336	0.826135	-1.21046	0.14997	2.08779	2.08779	0.539147	0.743383	1.3452	0.390129	1.52197	1.52197	0.407711	1.49768	1.49768	0.502609	1.36421	1.36421	0.39981	1.50846	1.50846	0.839884	1.02627	3.20247	1
cg04657224	XKR6	0.6027201	0.279268	1.47669	1.47669	0.263713	0.667823	-1.4974	0.145491	1.7188	1.7188	0.772061	1.10589	1.10589	0.508922	1.26136	1.26136	0.700288	0.874562	-1.14343	0.798221	0.915052	-1.09283	0.465558	0.773102	-1.29349	0.701934	1.14254	1.14254	0.839981	1.5975	1.69052	1
cg13770942	DCAF10	0.6027305	0.50428	1.98	1.98	0.29598	0.210099	-3.06637	0.457487	1.35061	1.35061	0.215387	1.30061	1.30061	0.213974	1.47287	1.47287	0.554018	0.798521	1.2532	0.274213	0.648897	-1.54108	0.718074	1.47733	1.47733	0.146777	1.14777	1.14777	0.466512	1.32534	1.32534	0.839978	0.922224	0.203418	1
cg23592638	LRRC42;HSPB11	0.6027371	0.226491	1.43408	1.43408	0.960741	0.986123	-1.01407	0.547949	1.1884	1.1884	0.511769	1.197	1.197	0.955586	0.984348	-1.0159	0.600662	1.16177	1.16177	0.246649	1.40149	1.40149	0.200299	1.46825	1.46825	0.0925277	1.69143	1.69143	0.839967	1.07222	1.13466	1
cg09781437	SLC23A1&SLC22A18;SLC22A18	0.6027503	0.9981	0.999525	-1.00048	0.197161	1.8356	1.8356	0.206153	1.48035	1.48035	0.712602	1.62832	1.62832	0.328558	1.50446	1.50446	0.393813	0.626063	1.59729	0.0935	1.59729	0.0935	0.78021	1.28292	1.28292	0.0935	1.59729	0.0935	0.839966	1.10675	1.12233	1
cg06332512	RAB40C	0.6027731	0.680248	0.875681	-1.14197	0.168882	0.625257	-1.59934	0.457493	0.784758	-1.27428	0.587295	1.19191	1.19191	0.234386	0.670777	1.49081	0.165384	0.625515	-1.60639	0.516417	0.809961	-1.23462	0.313046	0.715854	-1.39693	0.770694	1.09815	1.09815	0.839933	1.36515	1.44472	1
cg04087237	CACNB4;FAM58A;CACNB4	0.6027824	0.304293	1.34966	1.34966	0.511191	0.828768	-1.20661	0.364376	0.848553	-1.17848	0.605947	1.15797	1.15797	0.85837	0.950046	-1.05258	0.873229	0.955992	-1.04603	0.862337	1.05013	1.05013	0.312075	1.34277	1.34277	0.0875762	1.7015	1.7015	0.839923	1.05673	1.11833	1
cg17953636	SVIP;SVIP	0.6027854	0.41698	1.40198	1.40198	0.454224	1.3165	1.3165	0.271307	1.01269	1.01269	0.775484	1.04744	1.04744	0.506	1.11569	1.11569	0.41088	0.872747	-1.14581	0.290264	1.1569	1.1569	0.408888	0.838665	0.815525	-1.2262	0.461629	0.472533	2.11625	0.763186	1.33316	1.33316	0.8399	0.948497	0.948453	1
cg14375410	TSHR;TSHR;TSHR	0.6027956	0.10953	0.174598	-5.72743	0.093516	0.158006	-6.32887	0.861736	1.1905	1.1905	0.619301	1.65037	1.65037	0.823825	0.800083	-1.24987	0.636007	0.711137	0.930866	-1.07427	0.103573	0.7063	-1.41583	0.369844	1.19497	1.19497	0.731793	0.93584	-1.06856	0.844754	0.485973	0.447443	1
cg08351465	HIST2H2AM	0.6028102	0.425052	1.15267	1.15267	0.183266	0.781702	-1.27924	0.763917	0.944893	-1.14942	0.638738	1.75066	1.75066	0.0922597	0.634224	1.54124	1.54124	1.54124	0.635007	1.18112	1.18112	0.0922597

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1111 vs. N)	Fold-Change(1 vs.1111)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1217 vs. 1127)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg23463310	NEAT1		0.420388	0.578388	-1.72894	0.998034	0.998362	-1.00164	0.747368	1.23981	1.23981	1.230031	0.336995	-2.06741	0.428946	0.584461	-1.71208	0.20161	2.07053	2.07053	0.935094	0.947665	-1.05522	0.318258	1.98594	1.98594	0.773034	0.825032	-1.21207	0.838671	5.87573	6.22756	1
cg13769605	TRIB2;TRIB2;TRIB2		0.603564	0.673841	0.876872	-1.14042	0.485507	1.24606	1.24606	0.556200	1.202922	0.570743	0.194641	1.19464	0.423399	1.2889	1.2889	0.170322	1.57345	1.57345	0.460813	1.26245	1.26245	0.529437	1.21865	1.21865	0.181845	0.644116	-1.55252	0.838654	1.27968	1.35633	1
cg22724329	ANK3		0.603566	0.787338	1.15255	1.15255	0.131535	2.35096	2.35096	0.0890067	2.67743	2.67743	0.915593	1.05725	1.05725	0.503326	1.42851	1.42851	0.74075	1.19046	1.19046	0.469629	1.47148	1.47148	0.211473	1.99611	1.99611	0.957439	1.02842	1.02842	0.838651	3.66203	3.8814	1
cg03016699	GRB10;GRB10;GRB10;GRB10		0.603567	0.436206	1.534607	-1.87053	0.299205	2.33553	2.33553	0.200836	2.90116	2.90116	0.481226	1.7684	1.7684	0.188153	3.333069	3.03028	1.37108	1.37108	0.835356	0.846582	-1.1783	0.915398	1.08738	1.08738	0.718092	0.741798	-1.34084	0.838649	8.25507	8.7496	1
cg17788031	MADA		0.60357	0.263144	0.235404	-4.24802	0.515666	0.441636	-2.26431	0.846733	1.27115	1.270144	0.179244	5.86467	5.864667	0.569521	2.03953	2.03953	0.180544	0.715125	-5.83007	0.898496	0.853647	-1.17144	0.584227	0.503996	-1.98414	0.816792	0.749958	-1.33341	0.838645	20.4196	21.643	1
cg00433917	EVSL;EVSL		0.603585	0.901051	0.942633	-1.06086	0.602006	1.28391	1.28391	0.560916	1.92124	1.92124	0.374607	1.54149	1.54149	0.883979	1.07181	1.07181	0.599991	0.777722	-1.28572	0.096606	0.420534	-2.37793	0.645942	1.2452	1.2452	0.299445	1.66655	1.66655	0.838621	2.99613	3.17572	1
cg13977374	FRMD3		0.603588	0.806599	1.05998	1.05998	0.74154	1.08178	1.08178	0.457457	1.19687	1.19687	0.208282	1.37036	1.37036	0.753686	0.927967	-1.07762	0.932916	0.980204	-1.0202	0.842859	1.04827	1.04827	0.651893	1.64764	1.64764	0.322303	1.27484	1.27484	0.838617	0.749176	0.794086	1
cg01806295	RGNEF		0.603589	0.205524	0.542793	-1.84232	0.91687	0.953918	-1.04831	0.937037	1.04226	1.04226	0.443246	0.702386	-1.42372	0.312277	0.624634	-1.60212	0.412498	0.684787	-1.46031	0.09007902	0.430743	-2.32158	0.491558	0.93067	-1.07134	0.22837	0.564768	-1.77064	0.838616	2.71248	2.87508	1
cg00824109	CHD4		0.603608	0.196146	1.52721	1.52721	0.954474	0.982431	-1.01788	0.87192	0.955125	1.05125	0.51529	0.724938	-1.37943	0.445373	0.78584	-1.27252	0.490223	1.24249	1.24249	0.174286	0.839092	-1.56472	0.519223	0.816752	-1.22436	0.735878	0.90043	-1.11058	0.838587	1.27463	1.35109	1
cg00901532	C11orf41		0.603608	0.829904	1.28936	1.28936	0.0978302	8.5464	8.5464	0.0794091	9.97629	9.97629	0.985468	1.02175	1.02175	0.900609	0.986193	-1.014	0.765166	1.42458	1.42458	0.83294	1.28342	1.28342	0.957311	0.938723	-1.06528	0.786585	0.725719	-1.37794	0.838586	18.5347	19.6465	1
cg25335490	SETD82;SETD82;CAB39L		0.603611	0.726952	1.37603	1.37603	0.29705	0.565103	1.76972	0.23546	4.25	4.25	0.133196	2.084666	-3.35047	0.215647	2.62974	2.62974	?	?	?	?	0.407785	-2.45092	0.381258	0.945047	-1.05815	0.579382	1.51499	1.51499	0.825485	6.39716	6.79457	1
cg06729625	JAKMIP3		0.603618	0.399474	0.191603	-5.21911	0.359257	0.6845	0.6845	0.748711	0.540272	-1.85092	0.32471	0.71604	0.71604	0.683758	2.19243	2.19243	0.364701	0.167921	-5.95517	0.173128	0.06223	-16.0681	0.874864	1.35243	1.35243	0.50549	3.64844	3.64844	0.838571	48.7367	51.661	1
cg07537215	LOC150776		0.603618	0.689311	0.780915	-1.27234	0.430751	1.61905	1.61905	0.644264	2.07083	2.07083	0.766516	1.19532	1.19532	0.638101	0.414953	-2.40985	0.536169	0.807064	1.23916	0.79389	1.77489	1.77489	0.961976	0.97184	-1.02898	0.472009	0.645121	-1.5501	0.838571	4.76261	5.053969	1
cg06831295	SPDYE7P		0.603645	0.681118	1.09484	1.09484	0.162291	1.38702	1.38702	0.318486	0.704879	-1.41868	0.594414	1.12507	1.12507	0.86048	0.962156	-1.03933	0.734867	1.08378	1.08378	0.701943	1.08798	1.08798	0.368773	0.81675	-1.22437	0.997493	1.00069	1.00069	0.838529	0.638588	0.67694	1
cg24349832	TMEM51;TMEM51;C1orf126;TMEM51;JAKMIP3 TMEM51		0.603652	0.127501	0.454684	-2.19933	0.975264	1.01494	1.01494	0.719106	0.841365	-1.18854	0.224046	0.542876	-1.84204	0.25367	0.565457	-1.76848	0.302207	0.599794	-1.66724	0.736392	0.850791	-1.17538	0.319731	0.611552	-1.63518	0.183937	0.50959	-1.96236	0.838519	3.03762	3.22009	1
cg04144714	LYST;MIR1537 NCBP2;OC152217;NCBP2;NCBP2;NCBP2		0.603653	0.939599	0.979975	-1.02043	0.25428	0.727779	-1.37404	0.572564	0.858813	-1.1644	0.289386	1.34118	1.34118	0.939739	1.02039	1.02039	0.237662	0.718783	-1.39124	0.233035	1.39625	1.39625	0.848106	0.950103	-1.05252	0.528252	0.843192	-1.18597	0.838518	0.946249	1.00309	1
cg06219926	2		0.603659	0.307522	1.59571	1.59571	0.918407	1.04638	1.04638	0.763831	1.1426	1.1426	0.158389	1.94855	1.94855	0.972419	1.01541	1.01541	0.168559	0.522527	-1.91378	0.536951	0.75836	-1.31863	0.887336	0.939211	-1.06472	0.571536	0.776402	-1.28799	0.838509	2.59927	2.75544	1
cg02243342	LBA3;LBA3		0.603664	0.58062	1.1482	1.1482	0.503008	1.18333	1.18333	0.230148	1.36586	1.36586	0.84978	1.04808	1.04808	0.898367	1.03215	1.03215	0.392956	0.805154	-1.242	0.219722	0.726444	-1.37657	0.26668	0.750816	-1.33188	0.615521	0.882144	-1.1336	0.8855	0.814459	0.863403	1
cg17944161	NOTCH3		0.603673	0.891778	1.10735	1.10735	0.792313	0.928359	-1.07693	0.882499	0.883703	-1.13207	0.870345	1.12725	1.12725	0.220597	0.887554	-1.12649	0.284665	0.88852	1.11234	0.383936	1.95176	1.95176	0.885496	4.13052	4.13052	0.465535	1.74423	1.74423	0.838487	7.45119	7.89909	1
cg05144743	DNAJB1		0.603682	0.364542	0.77226	-1.2949	0.34587	1.309	1.309	0.936225	1.02244	1.02244	0.514456	0.832355	-1.20141	0.893554	0.974374	-1.06978	0.326557	1.32437	1.32437	0.134563	0.564339	0.500124	0.827089	1.20906	0.770381	1.08456	1.08456	0.838474	1.02161	1.08304	1
cg04808283	HIST1H2BG;HIST1H2AE		0.603688	0.408306	0.759519	-1.34597	0.454515	1.3217	1.3217	0.780941	1.28076	1.28076	0.240591	1.53973	1.53973	0.228168	1.55948	1.55948	0.554759	1.23353	1.23353	0.619744	1.19247	1.19247	0.379822	0.728704	-1.3723	0.656704	0.854576	-1.17017	0.838464	1.63883	1.73758	1
cg23245651	DSE;TSPYL1		0.603691	0.637426	0.636112	-1.57205	0.565692	0.575039	-1.73901	0.350606	0.400316	-2.49803	?	?	?	?	?	?	?	?	?	0.307909	2.73387	2.73387	?	?	?	0.444109	2.1032	2.1032	0.758335	6.05895	12.7837	1
cg24042313	SLC6A1		0.603705	0.061115	0.410751	-2.43457	0.909286	0.95308	-1.04923	0.776634	0.886987	-1.12741	0.684148	1.18821	1.18821	0.97773	0.9883	-1.01184	0.80579	1.10944	1.10944	0.179913	0.548548	-1.82299	0.791945	1.11791	1.11791	0.685112	0.842079	-1.18754	0.838437	2.36051	2.50255	1
cg07477928	SVEP1		0.603707	0.724699	1.37603	1.37603	0.24804	2.4804	2.4804	0.0994004	3.31463	3.31463	0.192368	1.16489	1.16489	0.744564	1.20184	1.20184	0.651051	1.30137	1.30137	0.409779	1.54667	1.54667	0.599788	1.39418	1.39418	0.26182	1.96786	1.96786	0.838434	4.44522	4.71358	1
cg04110283	DKFZp686O24166		0.603716	0.208493	0.733523	-1.36328	0.977864	1.00651	1.00651	0.695331	0.912116	-1.09635	0.902312	1.02911	1.02911	0.309127	0.781919	-1.27891	0.714354	0.917671	-1.08972	0.0635123	0.614075	-1.62847	0.337781	0.793773	-1.25981	0.882351	0.965982	-1.03522	0.838421	0.725343	0.769004	1
cg18864164	MIR2110;C10orf118;C10orf118 ARHGAP11A;ARHGAP11A;ARHGAP11A;		0.603718	0.821844	1.03603	1.03603	0.368368	1.15603	1.15603	0.932973	1.03129	1.03129	0.17283	0.796394	-1.25566	0.539478	1.1024	1.1024	0.969493	0.994016	-1.00602	0.689809	0.939882	-1.06498	0.214125	1.12042	1.12042	0.135846	1.2869	1.2869	0.838418	0.923072	0.346709	1
cg00641177	ARHGAP11A		0.603721	0.708137	0.875069	-1.14277	0.234948	0.642901	-1.55545	0.225189	1.57151	1.57151	0.553532	0.808407	-1.237	0.197546	0.616706	-1.62152	0.754825	1.11758	1.11758	0.781993	0.90625	-1.10345	0.80554	0.916192	-1.09147	0.392992	1.36414	1.36414	0.838413	1.67217	1.77284	1
cg15450782	FAM120C;FAM120C		0.603742	0.410427	1.33634	1.33634	0.149249	1.75019	1.75019	-1.53208	0.867157	1.24524	1.20524	0.641326	1.60223	1.56784	0.96896	1.03196	0.54896	1.42265	1.42265	0.340751	0.85826	-1.16486	0.702152	0.886126	-1.01202	0.785528	1.43137	1.43137	0.738012	1.57612	1.67618	1
cg12658694	INPP5B		0.60375	0.410202	1.42407	1.42407	0.492541	1.33986	1.33986	0.341967	1.93568	1.93568	0.722358	1.16155	1.16155	0.903756	0.695397	-1.43803	0.979036	1.01019	1.01019	0.221147	0.582626	-1.71578	0.707383	0.857004	-1.1715	0.80104	0.899431	-1.11181	0.838369	2.33955	2.48053	1
cg23179321	C10orf111;RPP38;RPP38;RPP38		0.603763	0.426344	1.30956	1.30956	0.34597	1.64554	1.64554	0.48282	2.08774	2.08774	0.31392	1.26192	1.26192	0.910611	0.812717	-1.23044	0.888974	1.02392	1.02392	0.911279	0.966772	-1.03481	0.762173	0.842501	-1.18682	0.707098	0.800002	1.25031	1.25031	0.838389	1.73423	1.83848	1
cg19924540	FBXL18		0.603774	0.194266	0.209428	-4.77491	0.39196	0.368447	-2.7141	0.433153	0.402293	-2.48575	0.384794	0.362614	-2.75775	0.146443	0.169555	6.89778	0.194186	0.209363	-4.7764	0.422278	0.393301	-2.54258	0.178487	0.196449	-5.09039	0.894418	0.859707	-1.16319	0.838332	17.2076	18.2453	1
cg17963156	GRK5		0.603778	0.688832	0.746759	-1.33751	0.0997157	0.58179	0.68179	0.203019	2.65731	2.65731	0.915853	1.07936	1.07936	0.676991	0.73865	-1.35386	0.981087	0.983021	-1.01727	0.936898	0.944402	-1.05887	0.734471	0.781958	-1.27884	0.360321	0.506912	-1.97273	0.838326	6.92983	7.34779	1
cg21235078	Chorf98		0.603796	0.139541	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.220709	0.193806	-5.1452	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.838311	0.0	0.0	1
cg16935377	TMEM192		0.603794	0.820602	0.946478	-1.05655	0.26466	1.32518	1.32518	0.227817	1.35877	1.35877	0.756862	0.927548	-1.07811	0.494258	1.18306	1.18306	0.688681	0.906525	-1.10311	0.152985	0.690292	-1.44866	0.902791	1.03003	1.03003	0.542254	1.16113	1.16113	0.8383	0.778687	0.825678	1
cg12129080	EBF3		0.603796	0.559158	1.12996	1.12996	0.721442	1.22862	1.22862	0.313766	0.551616	-1.81285	0.260104	0.964393	-1.15335	0.923705	0.880447	-1.13562	0.554485	1.70942	-1.41035	0.776198	0.848814	-1.17811	0.486347	0.668785	-1.50199	0.852312	0.898176	-1.11332	0.838207	4.99139	5.40561	1
cg07527955	FAM158A POT1;POT1;POT1;POT1;POT1;POT1;POT1;PO		0.603801	0.786685	0.972444	-1.02834	0.34204	1.10611	1.10611	0.542906	1.0655	1.0655	0.640607	1.04963	1.04963	0.485181	1.0758	1.0758	0.25755	1.12943	1.12943	0.24999	0.883519	-1.13184	0.292475	0.89359	-1.11908	0.617839	0.949505	-1.05318	0.8829	0.14089	0.149394	1
cg21564127	T1		0.603801	0.568531	0.92368	-1.08263	0.662127	0.941228	-1.06244	0.46687	0.903041	-1.10737	0.114701	1.26656	1.26656	0.392104	1.12837	1.12837	0.27735	1.16839	1.16839	0.798812	0.965429	-1.03581	0.935995	0.988997	-1.01113	0.581684	0.926215	-1.07966	0.8829	0.251929	0.267135	1
cg21406391	ESPN		0.603817	0.913641	0.925587	-1.0804	0.496343	1.63613	1.63613	0.0	0.359577	-2.78105	0.604945	1.45061	1.45061	0.55453	1.5313	1.5313	0.357568	0.50947	-1.96291	0.729379	0.780707	-1.28089	0.16008	0.343049	-2.91504	0.674265	1.35165	1.35165	0.838266	6.74579	7.15317	1
cg09237070	MRPL19		0.603821	0.890375	1.02907	1.02907	0.628372	1.1095	1.1095	0.802499	1.24785	1.24785	0.314963	0.907481	-1.04781	0.421589	0.944275	-1.05911	0.772146	1.10469	1.10469	0.641575	0.885128	-1.12976	0.706347	0.552202	-1.81122	0.421589	0.644479	-1.55178	0.838259	0.559462	0.593462	1
cg04336178	LMO7		0.603822	0.641463	0.878185	-1.13871	0.178115	0.624723	-1.60071	0.495991	0.82574	-1.21103	0.915268	0.970951	-1.02992	0.725945	0.907122	-1.10239	0.771616	0.922547	-1.08396	0.189913	1.46897	1.46897	0.796017	0.930758	-1.07439	0.404248	1.26667	1.26667	0.838258	1.0186	1.08012	1
cg05091276	TRA2A;TRA2A		0.603824	0.513542	1.14733	1.14733	0.152612	1.31346	1.31346	0.207783	1.31721	1.31721	0.769422	1.06287	1.06287	0.344939	1.15335	1.15335	0.527924	1.14188	1.14188	0.552909	1.07453	1.07453	0.976375	0.918833	-1.08792	0.66402	0.847798	1.04061	1.04061	0.838254	0.571353	0.60624	1
cg12187213	ADAMTS9		0.603826	0.72287	0.74994	-1.33342	0.152823	1.25449	1.25449	0.6449	1.54531	1.54531	0.171193	1.22077	1.22077	0.151453	1.24073	1.24073	0.260645	1.1742	1.1742	0.989212	0.998151	-1.00185	0.457553	1.0091	1.0091	0.542073	1.08815	1.08815	0.838251	0.247083	0.263756	1
cg00418027	BARX1		0.603846	0.402155	0.809582	-1.23521	0.410562	1.23037	1.23037	0.836739	1.05215	1.05215	0.272269	0.75463	-1.32515	0.718853	0.91479	-1.09315	0.086848	0.62758	-1.59342	0.540564	0.858448	-1.16489	0.388226	0.804233	-1.24342	0.890025	0.96649	-1.03467	0.838221	0.805752	0.854457	1
cg13946929	CDC18;CDK18;CDK18 CCDC121;CCDC121;GPN1;GPN1;CCDC1 21;GPN1;CCDC121;GPN1;CCDC121;GPN		0.603851	0.722513	0.901694	-1.10903	0.440495	1.25646	1.25646	0.348724	0.51057	-1.95859	0.672697	1.13124	1.13124	0.986979	1.00475	1.00475	0.935724	0.976863	-1.02368	0.561807	0.843459	-1.18559	0.813232	0.940641	-1.0631	0.481598	0.934448	-1.07015	0.838213	1.11818	1.18579	1
cg24413235	1		0.603856	0.429437	1.14258	1.14258	0.2228	1.23577	1.23577	0.421518	0.873117	-1.14532	0.420482	1.14568	1.14568	0.528303	1.11135	1.11135	0.876212	1.02609	1.02609	0.150498	0.775181	-1.29002	0.783696	1.04652	1.04652	0.986257	1.00285	1.00285	0.838205	0.362499	0.384418	1
cg27651355	GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1;GIPC1		0.603858	0.350464	0.650807	-1.53655	0.386237	0.672332	-1.48736	0.206597	0.55135	-1.81373	0.607742	1.2129	1.2129	0.99331	0.680301	-1.46994	0.418808	0.691258	-1.44664	0.233883	0.572467	-1.74682	0.705065	0.866887	-1.15355	0.330337	1.56669	1.56669	0.838202	2.65203	2.8124	1
cg14247325	MIR548F5;DCLK1		0.603869	0.145148	0.340453	-2.93727	0.456927	0.593479	-1.68498	0.155245	0.350839	-2.85031	0.330653	0.500925	-1.99631	0.143617	0.338849	-2.95117	0.691489	0.759803	-1.31613	0.755377	0.806351	-1.24015	0.920244	1.07141	1.07141	0.390112	0.545261	-1.83398	0.838186	6.2962	6.67307	1
cg26352538	KIAA0748;KIAA0748		0.603876	0.75072	1.352	1.352	0.349793	2.5283	2.5283	0.363122	3.40433	-2.43645	0.569131	1.74115	1.74115	0.56261	1.74333	1.74333	0.181528	0.829405	-1.20581	0.0910328	0.701139	0.66756	-1.49808	0.681615	-1.46598	0.281757	0.919328	0.919328	0.513272	-1.87753	0.838175	12.3295	13.0755	1
cg03190479	HDAC4		0.603879	0.150487	1.62285	1.62286	0.540373	2.12499	2.12499	0.801886	0.924052	-1.08219	0.505174	0.80861	-1.23669	0.678573	0.877281	-1.13989	0.515607	0.812937	-1.23072	0.516884	1.38414	1.38414	0.213722	1.50883	1.50883	0.893851	0.95968	1.04201	0.838139	1.31027	1.38961	1
cg03700891	CLDN2;CLDN2;CLDN2		0.603902	0.360457	0.478009	-2.09201	0.763651	0.789181	-1.26714	0.377479	0.491165	-2.03598	0.458542	0.552891	-1.80867	0.0925504	0.233791	-4.27732	0.587398	0.650421	-1.53747	0.804882	1.21449	1.21449	0.165724	0.313298	-3.19184	0.270645	0.406379	-2.46076	0.838135	8.18219	8.67767	1
cg22320000	HNRNPU;HNRNPU;HNRNPU;HNRNPU		0.603902	0.335097	0.784452	-1.27476	0.18281	0.470437	-2.12545	0.144146	0.266182	-3.75836	0.196473	0.199136	-5.02191	0.0606915	0.162232	-6.16476	0.158705	0.241376	-4.14181	0.0242736	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.838134	0.0	0.0	1
cg08213758	FAM38A		0.603928	0.817808	1.10357	1.10357	0.524026	0.758984	-1.31755	0.537345	1.27476	1.27476	0.374984	1.46288	1.46288	0.210071	0.568856	-1.75791	0.17014	1.86635	1.86635	0.325583	1.54268	1.54268	0.62773	1.23208	1.23208	0.913226	0.954512	-1.04766	0.838095	2.42128	2.56792	1
cg07161062	DENND3		0.603952	0.251623	0.615284	-2.44172	0.96124	0.927418	-1.07828	0.764228	0.84228	-1.18734	0.370905	0.874624	-1.14365	0.145802	0.778248	0.962565	0.807858	0.720203	-1.38854	0.202106	0.610193	-1.63874	0.778973	0.669468	-1.49372	0.950334	1.02172	1.02172	0.838058	0.616694	0.663772	1
cg05732130	GINS3;GINS3;GINS3		0.60397	0.693659	0.924234	-1.08198	0.0498107	1.56096	1.56096	0.664864	1.09062	1.09062	0.796024	1.05291	1.05291	0.690458	1.08293	1.08293	0.53982	0.883793	-1.13149	0.791119	1.05425	1.05425	0.641307	0.910489	-1.09788	0.454783	1.16361	1.16361	0.83803	0.525727	0.557633	1
cg17200161	KCNK5;KCNK5		0.603979	0.435477	0.43736	-2.28645	0.310945	2.98978	2.98978	0.540066	1.96209	1.96209	0.37932	2.5582	2.5582	?	?	?	?	?	?	0.743459	1.40399	1.40399	0.143814	5.2792	5.2792	0.743187	1.40452	1.40452	0.820107	10.2441	10.7079	1
cg26746469	KIAA0406;RPRD1B		0.60399	0.267536	0.676333	-1.47899	0.263533	0.727518	-1.37475	0.213954	0.376453	-2.65707	0.291853	0.479743	-2.08483	0.170389	0.770801	-1.29734	0.36122	-1.76839	0.245695	0.450894	-2.21782	0.777958	0.393802	-2.5884	0.317275	0.499169	-2.27703	0.822702	0.803096	-1.15862	0.838	5.71199	6.05886	1
cg23980070	ZBTB7C		0.604002	0.457951	0.681582	-1.46632	0.457374	0.678233	-1.47442	0.202122	0.505672	-1.97757	0.237051	0.534019	-1.87259	0.0971899	0.397793	-2.51387	0.691669	0.817214	-1.22367	0.828354	1.11623	1.11623	0.773181	1.15759	1.15759	0.397344	0.644762	-1.55086	0.83798	3.40351	3.61028	1
cg03030246	LHX3		0.604042	0.160482	0.352093	-2.8404	0.313617	0.49376	-2.0325	0.288713	0.460256	-2.14936	0.392926	0.81693	-1.2243	0.394825	0.545117	-1.8347	0.129629	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.838127	0.0	0.0	1
cg18663513	LRP8;LRP8;LRP8;LRP8		0.604077	0.9999881	1	1.00639	0.2051	1.2051	0.644149	1.38213	1.38213	0.902444	1.01731	1.01731	0.937621	0.988105	1.01101	1.01101	0.956688	0.992428	1.00763	0.674947	1.0044	1.0044	0.713238	1.05302	1.05302	0.643044	1.06742	1.06742	0.837973	0.259965	0.275761	1
cg26365090	TOX2;TOX2;TOX2;TOX2		0.604013	0.882902	0.798714	-1.25201	0.247049	0.158451	-6.31109	0.132504	11.8862	11.8862	0.970143	0.944523	-1.05874	0.884958	0.8019	-1.24704	0.945228	1.11046	1.11046	0.648194	2.0148	2.0148	0.581243	2.33853	2.33853	0.213909	0.135933	-7.35656	0.837964	30.8613	32.7369	1
cg24707602	EPHA2		0.604021	0.321663	0.732863	-1.36492	0.744373	0.926357	-1.07966	0.876323	0.876323	-1.14128	0.483135	0.903127	-1.10705	0.376332	-1.73514	0.483135	0.901207	0.993197	-1.00687	0.970547	1.26303	1.26303	0.598984	0.850922	-1.17524	0.47029	0.799749	0.852009	0.837949	1.22831	1.30298	1
cg14170999	BAHCC1		0.604024	0.802432	0.837552	-1.1994	0.534413	0.773248	1.57828	0.642986	0.712811	-1.4029	0.835896	0.860333	-1.16234	0.128269	0.303492	3.29498	0.211496	0.384945	-2.59778	0.140629	0.316792	-3.15664	0.946803	1.04958	1.04958	0.950136	0.955657	-1.0464	0.837947	0.98056	0.740493	1
cg02587153	UBQLN2		0.604031	0.431469	0.7	-1.42857	0.81326	0.9358503	0.000756	0.481818	0.4826	-2.07254	0.455364	0.706828	-1.41511	0.0880141	0.13081	-7.64535	0.707409	0.795611	-1.25677	0.405346	0.703	-1.42283	0.855161	0.908969	0.918

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111T vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	df
cg17755208	PHKG2	0.60455	0.865585	1.049566	0.104466	0.702063	1.07944	1.07944	0.102662	1.59052	0.720873	0.910981	-1.09372	0.49666	0.835813	-1.19644	0.900125	1.03317	1.03317	0.145604	0.666279	0.500827	0.079335	0.993292	-1.00675	0.941267	1.03933	0.835317	0.805357	0.950705	1
cg23045756	LOC100130872;LOC100130872-SPON2	0.604554	0.879771	1.09503	1.09503	0.515093	1.48567	1.48567	0.260582	2.02132	2.02132	0.189452	2.30169	2.30169	0.817542	1.14866	1.14866	0.304594	0.528538	-1.89201	0.361906	0.57003	-1.75429	0.032767	0.749217	-1.30473	0.488045	1.52442	1.52442	0.837132	4.76905	0.0639	1
cg21390574	SEMA5B	0.604563	0.680138	0.824952	-1.21233	0.828154	1.10618	1.10618	0.309084	1.628	1.628	0.598084	1.781677	1.27793	0.140175	0.478699	-2.08899	0.682643	1.82617	-1.21107	0.147893	1.21395	1.21395	0.193585	1.8937	1.8937	0.912049	1.05263	1.05263	0.83712	2.85663	3.03329	1
cg22228043	EXOSC10;EXOSC10;EXOSC10;EXOSC10	0.604585	0.777158	0.938617	-1.0654	0.274352	1.28974	1.28974	0.699966	1.0901	1.0901	0.940655	0.983515	-1.01676	0.633438	0.898292	-1.11322	0.681305	0.911932	-1.09657	0.077269	0.644995	-1.5504	0.441696	1.19141	1.19141	0.884797	0.968151	0.03285	0.660774	0.701667	1
cg01475476	RAPGEF5	0.60459	0.880536	0.9658	-1.03541	0.221826	0.742958	-1.34597	0.660942	1.10753	1.10753	0.952911	1.01376	1.01376	0.4395	1.20013	1.20013	0.995378	1.00134	1.00134	0.776013	1.06823	1.06823	0.467404	0.842735	-1.18661	0.0861773	0.644877	-1.55068	0.837077	0.709818	0.753753	1
cg00197681	TBC1D4	0.604593	0.185565	0.780974	-1.28096	0.919536	0.985418	1.02148	0.686727	1.07401	1.07401	0.851258	0.967462	-1.03561	0.686584	1.07402	1.07402	0.150664	0.809459	-1.23539	0.389358	0.956116	-1.16807	0.196626	1.27179	1.27179	0.686506	0.991038	-1.07407	0.837074	0.411172	0.439624	1
cg06978270	KCNJ10	0.604595	0.29673	0.517979	-1.93056	0.0972416	0.930678	-1.02409	0.263511	0.492268	-2.03141	0.985185	0.588774	-1.01135	0.352843	0.559175	-1.78835	0.252603	0.467152	-2.14063	0.550852	0.697553	-1.43358	0.317718	0.553674	-1.8738	0.908814	1.07215	1.07215	0.837	4.90128	5.2047	1
cg11324832	SOX20T	0.604599	0.582283	0.590708	-1.69288	0.3277514	0.383927	-2.60466	0.178384	0.257955	-3.87664	0.958598	1.05042	1.05042	0.627447	0.629106	-1.58956	0.262832	0.848852	-1.17806	0.99981	1.00023	1.00023	0.118831	4.97428	4.97428	0.868457	1.17008	1.17008	0.837064	11.9049	12.642	1
cg08106764	RORA	0.604614	0.115631	0.488055	-2.0456	0.0456	0.844252	-1.18737	0.380771	0.949145	-1.05358	0.727689	0.889552	-1.12949	0.456613	0.794907	-1.2852	0.190869	1.15016	1.15016	1.18221	0.728148	0.864142	-1.15722	0.597882	1.4301	1.26361	0.500426	0.751111	0.313156	0.897041	2.32129	2.46508	1
cg05484458	GNB3	0.604618	0.171634	0.347359	-2.87887	0.760387	1.24889	1.24889	0.449758	1.75	1.75	0.26272	0.428075	-2.33604	0.137158	0.312439	-3.20062	0.542408	0.638873	-1.56526	0.919455	0.929142	-1.07626	0.670927	0.733056	-1.36415	0.521728	0.623853	-1.60294	0.837034	0.69884	7.43243	1
cg19822428	BPHL;BPHL;BPHL;BPHL	0.604619	0.337541	0.784937	-1.27399	0.726297	1.08991	1.08991	0.383625	1.24879	1.24879	0.145919	0.858538	1.00466	1.00466	0.246784	1.34347	1.34347	0.142885	0.680001	1.47059	0.644407	0.893421	-1.11956	0.673393	0.902915	-1.10752	0.725989	1.09	1.09	0.83703	0.7952	0.844464	1
cg06383759	C17orf71;C17orf71	0.604619	0.799016	1.18406	1.18406	0.130043	2.95306	2.95306	0.0832218	3.56061	3.56061	0.452179	1.66057	1.66057	0.636806	0.729836	-1.37017	0.962573	0.969406	-1.03156	0.844344	1.13901	1.13901	0.825366	0.863874	-1.15758	0.768295	1.21606	1.21606	0.837033	5.8125	6.1726	1
cg04671329	SH3PXD2A	0.604643	0.9911	0.996696	-1.00331	0.686012	0.886406	-1.12815	0.816706	1.07131	1.07131	0.63181	1.852483	1.852483	0.126803	1.206836	1.206836	0.801496	0.927985	1.07756	0.548704	0.510418	-1.95918	0.996368	0.998658	-1.00134	0.401348	1.29026	1.29026	0.837869	1.16683	1.23917	1
cg18632412	TIMMBA;TIMMBA	0.604661	0.184384	1.175683	-1.69207	0.922805	0.887227	-1.12711	0.745263	0.668678	-1.49549	0.356811	1.22594	1.22594	0.181832	1.34235	1.34235	0.174883	0.816414	-1.59318	0.996368	0.998658	-1.00134	0.401348	1.29026	1.29026	0.886784	0.997691	1.16683	1.23917	1
cg00042356	PARK7;PARK7	0.604665	0.432496	1.85471	1.85471	0.68498	1.3696	1.3696	0.545596	1.60269	1.60269	?	?	?	0.318609	2.21418	2.21418	0.13634	3.44753	3.44753	0.684241	0.729565	-1.37068	0.332213	2.16286	2.16286	0.431671	0.538545	-1.85685	0.823835	0.89713	8.37198	1
cg20737500	CRMP1;CRMP1	0.604667	0.584415	0.797097	-1.25314	0.430088	1.98964	1.98964	0.510808	0.761478	-1.31323	0.632363	1.21764	1.21764	0.467563	1.31994	1.31994	0.516792	1.30805	1.30805	0.364282	0.685548	-1.45808	0.31782	1.49732	1.49732	0.184786	0.562915	-1.77647	0.836959	2.21243	2.3497	1
cg26087117	ZNF415;ZNF415;ZNF415;ZNF415	0.604676	0.872861	1.03867	1.03867	0.826886	0.949288	-1.05342	0.523797	1.1654	1.1654	0.176013	1.0902	1.0902	0.417342	1.21697	1.21697	0.409511	1.2212	1.2212	1.130037	0.678797	-1.4732	0.351041	0.796608	-1.25332	0.385482	0.809948	1.23465	0.836945	0.743995	0.790169	1
cg06343669	GALNT9;GALNT9	0.604685	0.728966	0.759225	-1.31713	0.592385	0.651837	-1.53413	0.972771	1.0274	1.0274	0.264825	2.51001	2.51001	0.392701	0.49988	-2.00048	0.230234	0.369067	-2.70953	0.291744	0.420511	-2.37806	0.285067	0.415077	-2.40919	0.508428	1.70105	1.70105	0.836932	8.31214	8.82816	1
cg02252000	FLJ43663;FLJ43663	0.604693	0.247726	0.967502	-1.03393	0.357977	1.1764	1.1764	0.156481	1.54043	1.54043	0.14024	0.814955	-1.22694	0.147476	1.30618	1.30618	0.688184	1.07179	1.07179	0.7998	0.953267	1.04664	0.5105	0.849622	-1.12155	0.542862	0.899558	-1.11166	0.83692	0.991482	0.415792	1
cg01386678	METT10D	0.604702	0.925606	1.06478	1.06478	0.947936	1.44987	1.04487	0.314543	2.00904	2.00904	0.608954	0.706955	-1.41452	0.133132	0.336551	-2.97132	0.13772	0.341518	-2.92811	0.810521	0.850492	-1.1752	0.825083	0.861763	-1.16041	0.73121	1.25855	1.25855	0.836907	9.58784	6.35976	1
cg22328120	SPATA3	0.604703	0.879973	0.944206	0.954141	0.814437	0.759427	-1.31852	0.760782	1.03955	1.03955	0.107778	1.16845	1.16845	0.167082	1.24638	1.24638	0.440527	0.70117	1.3111	0.538993	0.782743	1.18307	0.214689	1.82743	1.82743	0.168896	0.315679	1.83055	2.44467	1.83055	1.73178	1.43983	1
cg24303062	COMMD7;COMMD7	0.604709	0.843725	1.1921	1.1921	0.763168	1.30873	1.30873	0.926049	0.92067	-1.08617	0.829064	1.21228	1.21228	0.933369	0.928256	1.07729	0.760771	1.31243	1.31243	0.394544	2.17361	2.17361	0.560536	1.68875	1.68875	0.0503576	0.137248	-7.28607	0.836895	10.5063	11.159	1
cg22763593	MGAT5	0.604717	0.67455	0.689436	-1.45046	0.100668	0.205285	-4.87127	0.287002	0.377755	-2.64725	0.711542	1.38689	1.38689	0.27352	0.366629	-2.72756	0.419867	0.483978	-2.06621	0.450428	0.501602	1.8205	1.8205	0.926832	0.922305	-1.08424	0.836882	10.277	10.9157	1
cg06354602	PHRF1	0.604729	0.277625	0.790739	-1.29746	0.883671	1.00473	1.00473	0.970262	0.914438	-1.00864	0.363877	1.24016	1.24016	0.309475	0.784568	-1.27457	0.523031	1.16103	1.16103	0.145363	1.4329	1.4329	0.713483	0.816864	0.905219	1.10452	0.836824	0.705219	0.74906	1
cg07510539	DCAF5	0.604736	0.614416	1.15472	1.15472	0.863629	1.04989	1.04989	0.654464	1.13608	1.13608	0.584074	1.16948	1.16948	0.70911	1.11196	1.11196	0.350614	1.31268	1.31268	0.0388707	1.96845	1.96845	0.716681	1.10872	1.10872	0.641279	0.875569	-1.14211	0.836854	1.06295	1.12905	1
cg16222581	C7orf20	0.604738	0.264704	0.91992	1.07234	0.938873	1.18589	1.18589	0.338554	1.88568	1.88568	0.240054	1.53288	1.53288	0.198143	1.92353	1.92353	0.398359	2.18853	2.18853	0.768075	0.685548	-1.45808	0.31782	1.49732	1.49732	0.184786	0.562915	-1.77647	0.836959	2.21243	2.3497	1
cg27316710	SYT9	0.604741	0.740524	1.31512	1.31512	0.658858	0.91252	1.61952	0.134974	3.77438	3.77438	0.940406	1.06357	1.06357	0.178735	1.26216	1.26216	0.810349	1.29116	1.29116	0.851003	1.16765	1.16765	0.943271	1.06041	1.06041	0.968995	1.03256	1.03256	0.836846	0.10483	0.96483	1
cg17980508	FI44L	0.604772	0.0746632	0.293792	-3.40376	0.445048	0.618631	-1.61647	0.809395	0.861511	-1.16075	0.247264	0.495712	-2.0173	0.167242	0.403245	-2.47888	0.308246	0.521752	-1.91662	0.431776	0.609605	-1.64041	0.543522	0.684132	-1.46128	0.56087	0.695766	-1.43726	0.836798	5.04316	5.3571	1
cg13774019	PAX5	0.604795	0.142942	0.523813	-1.9101	0.0523	0.713485	-1.40195	0.581885	1.03862	-1.08153	0.412611	0.515443	-1.94055	0.0984211	0.633554	-1.57811	0.633764	0.681145	-1.46812	0.615264	0.642318	-1.55659	0.356611	0.823598	1.21358	0.781965	0.800957	1.24881	0.836792	0.994482	0.20082	1
cg00758229	RARB;RARB	0.604783	0.523006	1.16049	1.16049	0.269677	0.39251	1.30251	0.388118	1.22353	1.22353	0.369556	0.809056	-1.23601	0.998874	0.999676	-1.00032	0.323739	0.791092	-1.26408	0.294859	0.77896	-1.28376	0.9373	0.982073	-1.01825	0.388233	1.22548	1.22548	0.836782	0.700654	0.744285	1
cg04779211	RDCX2	0.604786	0.0886	0.680796	1.47035	0.0886	0.991244	1.13353	0.450007	0.656102	-1.16809	0.296235	0.815304	0.815304	0.0239093	0.444631	1.18562	0.212557	0.4604	-2.17244	0.267176	0.406336	0.854883	0.832514	1.20118	1.20118	0.566248	0.896027	-1.11577	0.836556	1.24461	1.24461	1.24461	1
cg03497431	CDQ2	0.604791	0.66884	1.15847	1.15847	0.376149	0.733084	-1.3641	0.845476	0.93547	-1.06898	0.342255	1.39727	1.39727	0.0961485	0.533462	-1.86755	0.603154	0.835852	-1.19638	0.845022	0.935284	-1.06919	0.60271	1.19665	1.19665	0.378772	0.734398	-1.36166	0.836769	1.54886	1.64533	1
cg09807356	GAUNS	0.604798	0.746315	0.712785	-1.40295	0.557957	1.85528	1.85528	0.796323	0.763534	-1.3037	0.92676	1.10065	1.10065	0.20976	0.32517	-3.07531	0.128	0.179723	-5.56412	0.110055	0.162553	-6.15184	0.802927	0.789399	-1.26679	0.534293	0.51866	-1.92805	0.836759	14.4187	15.3169	1
cg14161589	RAD1L	0.604803	0.347522	0.7139	-1.40055	0.354337	0.992285	-1.00777	0.597137	1.21876	1.21876	0.390047	0.756126	1.13839	0.836535	0.262049	-3.81422	0.259786	0.646604	-1.54654	0.187739	1.07834	1.07834	0.215609	1.59261	1.59261	0.616614	0.829255	1.2059	0.83675	1.82322	1.93683	1
cg26105702	IDH1	0.604832	0.375935	1.15271	1.15271	0.866916	0.974109	-1.02658	0.621282	1.081	1.081	0.36487	0.864483	-1.15676	0.191901	0.805686	-1.24118	0.589494	0.91833	-1.08893	0.143133	0.781834	-1.27904	0.683638	1.06618	1.06618	0.923155	0.985023	-1.0152	0.836706	0.324159	0.344376	1
cg19438175	HLS1;HLS1;SGCA;SGCA	0.604852	0.784077	1.14019	1.14019	0.6	1.24201	1.24201	0.183403	2.05076	2.05076	0.120574	1.05752	1.05752	0.625455	0.963453	-1.03781	0.249184	0.729238	1.37129	0.306585	0.425441	-2.12147	0.79	0.885951	1.12884	0.863774	0.916574	1.10683	0.836466	0.19853	0.160849	1
cg22332580	COL4A2	0.604856	0.608743	1.22079	1.22079	0.30237	1.51115	1.51115	0.583355	1.23868	1.23868	0.867955	1.06547	1.06547	0.133058	0.534596	1.87057	0.446674	1.34049	1.34949	0.731845	1.14216	1.14216	0.2006	1.68605	1.68605	0.704932	1.15837	1.15837	0.836669	-1.9787	2.1022	1
cg09229931	ZNF195;ZNF195;LOC650368;ZNF195	0.604873	0.280849	1.29775	1.29775	0.553171	1.14968	1.14968	0.181828	0.719262	-1.39031	0.710647	1.09051	1.09051	0.858731	0.959421	-1.0423	0.19698	0.728215	-1.37122	0.875449	1.03715	1.03715	0.782662	0.937772	-1.06641	0.443087	1.19941	1.19941	0.836643	0.716387	0.761123	1
cg19089732	CDC25C;CDC25C	0.604878	0.784077	1.14019	1.14019	0.6	1.24201	1.24201	0.183403	2.05076	2.05076	0.120574	1.05752	1.05752	0.625455	0.963453	-1.03781	0.574264	1.26573	1.39713	0.381663	1.43135	1.43135	0.241447	1.79883	1.79883	0.0503576	0.137248	-7.28607	0.836895	10.5063	11.159	1
cg00733005	SIX1	0.604883	0.175201	5.6427	5.6427	0.667866	1.66142	1.66142	0.691784	1.59757	1.59757	?	?	?	?	?	?	?	?	?	0.400703	0.363111	-2.7677	0.973579	1.03963	1.03963	0.873768	0.867785	13.8492	1
cg08021025	ATN1	0.604923	0.638227	1.08369	1.08369	0.478706	1.24553	1.24553	0.464768	1.3124	1.3124	0.372776	1.37362	1.37362	0.545482	1.11299	1.11299	0.483849	2.88295	-1.13257	0.36336	1.27777	1.27777	0.99072	0.997993	-1.00204	0.639177	0.9207	1.08613	0.836566	0.405703	0.430946	1
cg05402951	FAM69B	0.604934	0.599121	2.07065	2.07065	0.277466	-4.71058	4.71058	0.458518	2.81727	2.81727	0.660966	1.83234	1.83234	0.0892786	0.0764512	-13.0802	0.41681	3.12265	3.12265	0.819808	1.36763	1.36763	0.947988	1.09365	1.09365	0.917289	0.867153	-1.1532	0.836549	2.94466	26.5074	1
cg14158878	SLC8A3;SLC8A3;SLC8A3;SLC8A3	0.604937	0.486232	0.68494	-1.56209	0.854509	1.13134	1.12324	0.818651	1.1955	1.1955	0.0987811	3.14561	3.14561	0.0171295	0.302551	-3.30504	0.962161	1.10952	1.10952	0.603017	0.208754	2.08754	0.208754	0.208754	2.08754	0.208754	0.208754	2.08754	0.208754	1.30532	0.806861	3.98409	5.64316	1
cg14372688	AP1M4	0.604967	0.645607	1.17643	1.17643	0.468691	1.29524	1.29524	0.553294	1.29421	1.29421	0.15435	1.6238	1.6238	0.352664	1.39815	1.39815	0.249834	0.651955	1.53385	0.342901	0.750735	-1.40898	0.173573	0.71381	1.4381	0.584536	1.23179	1.23179	0.836124	0.19239	0.173339	1
cg09881917	FUK	0.604957	0.145278	0.665292	-1.5031	0.667938	0.893664	-1.11902	0.4364	1.22985	1.22985	0.270105	0.741392	-1.34881	0.441597	1.2687	1.2687	0.708317	0.906714	-1.10288	0.283815	0.748155	-1.33662	0.884929	1.03846	1.03846	0.721606	1.09771	1.09771	0.836514	0.899561	0.955883	1
cg04776910	ZNF497	0.604978	0.25096	0.395617	1.03399	0.0895	0.882169	1.0195	0.888161	1.12466	1.12466	0.479065	1.76433	1.76433	0.0966204	0.567001	-1.76357	0.431279	1.88451	1.88451	0.995954	1.98533	1.98533	0.0966204	0.567001	-1.76357	0.431279	1.88451	1.88451	0.995954	2.93515	0.942346	7.21346	8.76115	1
cg25098707	FAM134A;C2orf24	0.604981	0.637835	0.907301	-1.02107	0.30242	0.802782	-1.24567	0.926098	0.981145	-1.01922	0.525694	0.876399	-1.14103	0.715533	0.927657	-1.07798	0.649843	0.653672	-1.52982	0.351076	0.821264	-1.21763	0.518594	1.1437	1.1437	0.804264	1.05227	1.05227	0.836477	0.557672	0.592615	1
cg05157916	MTMR12	0.604983	0.774935	1.05626	1.05626	0.66181	0.660209	-1.51503	0.219371	1.11265	1.11265	0.698386	0.925974	-1.07994	0.915984	0.988667	-1.01146	0.812015	0.954332	1.04815	0.646466	0.995511	1.00451	0.954332	1.23308	1.23308	0.776435	0.995511	1.00451	0.954332	1.23308	1.23308	0.776435	0.994196	1
cg08080104	TTL12	0.604986	0.894707	1.04564	1.04564	0.515201	0.73072	-1.36851	0.222163	0.94514	-1.83515	0.594421	1.29256	1.29256	0.94495	0.93037	-1.03037	0.250672	0.74943	1.74943	0.279229	1.70323	1.70323	0.807263	1.12237	1.12237	0.286624	0.502972	-1.68642	0.836469	2.95517	3.14036	1
cg27021514	KIAA0564;KIAA0564;KIAA0564;KIAA056	4	0.604997	0.329202	1.52949	1.52949	0.553228	-1.77445	-1.28626	0.504626	1.3307	1.3307	0.802103	1.00955	1.00955	0.998439	0.467215	2.14034	0.661164	1.20456	1.52555	0.762276	-1.31186	0.538906	1.30021	1.30021	0.570678	0.785199	-1.27356	0.836453	2.35893	2.50681	1
cg23251970	GNG12	0.605007	0.374923	0.767744	-1.30252	0.84612	0.945172	-1.05801	0.343168	1.32765	1.32765	0.803798	0.930306	-1.07491	0.393171	0.775805	-1.28898	0.857756	1.05345	1.05345	0.111736	0.604903	-1.65316	0.608013	1.162	1.162	0.327633	0.745829	-1.34079	0.836438	1.11577	1.18574	1
cg05434691	KLHL13;KLHL13;KLHL13	0.605015	0.180135	0.288445	-1.46687	0.212586	0.317691	-1.44772	0.819353	1.22039	1.22039	0.502069	1.81309	1.81309	0.979275	0.977257	-1.02295	0.124034	0.123449	-4.28353	0.872307	1.15084	1.15084	0.876163	0.873231	1.14534	0.834899	0.83336	-1.19996	0.836434	0.10992	0.167399	1
cg03976650	KCTD12;KCTD12	0.605021	0.878036	1.08684	1.08684	0.176656	0.217904	2.17904	0.233994	1.96717	1.96717	0.258773	0.527844	-1.8945	0.648795	0.779849	-1.2823	0.746127	1.19263	1.19263	0.769264	1.17294	1.17294	0.77899	1.16482	1.16482	0.350392	0.593783	-1.68412	0.836417	3.89567	4.14007	1
cg10647025	MRI92A;MRI92B	0.605021	0.516257	1.58471	1.58471	0.951677	1.0433	1.0433	0.594689	0.68685	-1.45592	0.487852	0.610782	-1.63725	0.270701	0.448346	-2.23042	0.748432	1.25243	1.25243	0.706563	1.30286	1.30286	0.569541	1.49492	1.49492	0.088246	0.268259	-3.72774	0.836416	6.48193	6.88858	1
cg09263815	IQSEC1	0.605024	0.254535	0.4491	-2.2701	0.329511	0.554459	-1.80359	0.568886	0.872201	-1.14644	0.837562	0.868305	-1.15139	0.530551	0.636134	-1.57183	0.308061	0.538877	-1.85571	0.132709	0.326972	-3.05836	0.347406	0.68485	-2.04708	0.936687	1.06178	1.06178	0.836374	0.289961	0.68496	1
cg14495753	ANAPC13;ANAPC13;ANAPC13	0.605028	0.492344	0.673011	-1.48586	0.354962	0.582523	-1.71667	0.202981	0.466173	-2.14513	0.793317	0.861471	-1.16081	0.510976	0.2832	-3.53107	0.375218	0.596407	-1.67671	0.53974	0.720783	-1.4227	0.595497	0.737657	-1.35564	0.729834	0.821294	-1.21759	0.836406	0.27199	0.54005	1
cg19553056	ZNF330;ZNF330	0.605057	0.642485	1.55555	1.55555	0.538134	1.8663991	1.14421	0.822791	1.01029	1.01029	0.782768	0.756078	-1.32261	0.639344	0.915593	-1.09237	0.838402	1.19383	1.04583	0.962721	0.815593	1.22587	0.705255	0.831143	0.802405	-1.24611	0.02489	1.47536	1.47536	0.836404	0.154811	0.649196	1
cg27583266	PTPN8	0.605074	0.615281	1.26898	1.26898	0.102601	2.31564	2.31564	0.239421	1.78454	1.78454	0.611818	1.272	1.272	0.107281	2.28513	2.28513	0.549392	1.32946	1.32946	0.72418	1.18124	1.18124	0.480373	1.40108	1.40108	0.321026	1.61932	1.61932	0.836334	2.92742	3.11138	1
cg16918681	IGF1R	0.605103	0.826653	1.05207	1.05207	0.327455	0.791385	-1.26361	0.671472	1.10378	1.10378	0.99242	1.0022	1.0022	0.744353	1.07868	1.07868	0.611063	0.888068	-1.12604	0.904909	0.997222	-1.00279	0.621393	0.615046	-1.6259	0.31267	0.785276	-1.27344	0.83629	0.709544	0.754171	1
cg24552431	ATAD1;CFL1;ATAD1	0.605105	0.251817	0.794729	-1.25796	0.854383	1.51525	1.51525	0.713252	1.68602	1.68602	0.42771	1.16863	1.16863	0.459693	1.16393	1.16393	0.377494	0.573704	1.74323	0.49275	0.71693	1.39533	0.847287	0.902404	1.10782	0.719139	0.920881	1.08591	1.29689	1.29689	0.836297	0.492019	0.523172	1
cg07232063	CLCA1	0.605126	0.781503	0.841132	-1.18887	0.6155	0.72972	-1.37039	0.095194	0.319567	-3.12924	0.518275	0.665303	-1.50308	0.29051	0.505321	-1.97894	0.384023	0.573846	-1.74263	0.426926	0.603663	-1.65655	0.778097	1.19219	1.19219	0.375922	0.76018	1.76018	0.836255	5.12783	5.45057	1
cg03632142	TPPP	0.605132	0.821889	0.900537	1.11065	0.709339	0.760986	1.31586	0.533204	1.87545	0.854476	1.08092	0.92464	-1.08106	0.599511	0.82805	-1.20835	0.942604	1.04001	1.04001	0.913861	1.2667	1.2667	0.0885	1.27062	1.27062	0.106246	0.285983	2.85983	2.85983	2.85983	3.03964	1
cg16308700	TWSG1	0.605137	0.915842	0.940913	-1.0628	0.367708	0.74025	1.70425	0.149413	1.60857	1.60857	0.989895	1.00732	1.00732	0.746489	1.2055	1.2055	0.962787	0.937476	1.07245	1.02725	?	?	?	0.0791509	0.325279	-3.07428	0.731444	1.21986	1.21986	0.823098	1.84687	4.67365	1
cg25174840	CYTH1;CYTH1	0.605137	0.285066	0.764067	-1.30879	0.750219	1.08048	1.08048	0.972584	0.991706	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(105T 047 vs. N) vs. N)	Ratio(105T vs. N)	p-value(057 vs. N)	Fold-Change(1-p-value(111T vs. N)	Ratio(111T vs. N)	p-value(112T 11T vs. N)	Fold-Change(1-p-value(112T vs. N)	Ratio(112T vs. N)	p-value(121T vs. N)	Fold-Change(1-p-value(121T vs. N)	Ratio(121T vs. N)	p-value(347T vs. N)	Fold-Change(1-p-value(347T vs. N)	Ratio(347T vs. N)	p-value(353T vs. N)	Fold-Change(1-p-value(353T vs. N)	Ratio(353T vs. N)	p-value(537T vs. N)	Fold-Change(1-p-value(537T vs. N)	Ratio(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(1-p-value(5 37T vs. N)	Ratio(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(1-p-value(5 63T vs. N)	Ratio(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg05767599	CNR1;CNR1;CNR1;CNR1	0.605718	0.801949	1.28863	1.28863	0.0598801	0.40599	0.152929	4.64101	4.64101	0.799041	0.77428	1.29152	0.977668	0.9723122	1.02847	0.956608	0.946899	-1.05608	0.98507	0.981411	-1.01894	0.857689	0.835278	-1.19721	0.766801	1.14746	0.835347	13.3036	14.1563	1
cg23234674	SNORA74B;ATP6V0E1	0.605721	0.374996	0.624493	-1.50945	0.265814	0.591947	-1.68934	0.674518	1.21045	1.21045	0.455685	1.40997	1.409977	0.2125588	0.552304	-1.8106	0.347537	0.645728	-1.54864	0.222532	0.560081	-1.78544	0.982318	0.990029	-1.01007	0.763911	1.14592	1.14592	0.835342	2.70527	2.87868	1
cg07631383	MKLN1;MKLN1	0.605727	0.272745	0.837726	-1.19371	0.854966	1.02879	1.02879	0.635602	1.07685	1.07685	0.996147	0.999251	-1.00075	0.27948	1.19053	1.19053	0.682743	1.06582	1.06582	0.255109	0.831688	-1.20237	0.49382	1.11381	1.11381	0.221326	1.22068	1.22068	0.835333	0.318312	0.33872	1
cg10314190	RPIP12;RPIP12	0.60574	0.924722	1.02362	1.02362	0.262799	1.13423	1.13423	0.48109	1.19349	1.19349	0.330482	1.28148	1.28148	0.502557	0.8453	-1.18301	0.939663	1.23733	1.23733	0.165851	0.694205	-1.4405	0.70894	0.915547	-1.09704	0.791611	1.06759	1.06759	0.835313	0.807033	0.858795	1
cg27580958	EYA2;EYA2	0.605742	0.200259	0.404222	-2.47389	0.906287	0.924185	-1.08203	0.554238	1.49259	1.49259	0.597188	0.69975	-1.42908	0.104072	0.304297	-3.28626	0.516834	0.644029	-1.55273	0.377909	0.546599	-1.83251	0.238476	0.437543	-2.28549	0.883162	0.90624	-1.10346	0.83531	5.92945	6.30978	1
cg08490624	ADHFE1	0.605745	0.320636	0.267183	-3.74275	0.725971	0.76895	-1.30047	0.638356	0.7022358	-1.42398	0.731795	0.7734671	-1.29288	0.287022	0.438009	-2.28225	0.232073	0.39229	-2.54914	0.200437	0.364515	-2.74488	0.7799	0.81126	-1.23265	0.193068	0.357574	-2.79663	0.835306	7.37488	7.84796	1
cg14390189	HEATR2	0.60576	0.417785	0.862426	-1.15952	0.491759	0.882658	-1.13294	0.874096	1.02875	1.02875	0.395369	0.85591	-1.16835	0.873521	0.971926	-1.02889	0.387287	1.17164	1.17164	0.113712	1.36155	1.36155	0.437363	0.867956	-1.15213	0.970414	0.993392	-1.00665	0.835283	0.422676	0.449803	1
cg17273285	USP45;USP45	0.605765	0.328082	0.828268	-1.21911	0.390002	0.841238	1.18872	0.220477	0.776607	-1.28766	0.305405	0.8119373	-1.23157	0.344837	1.21041	1.21041	0.790018	1.07036	1.07036	0.380962	1.18515	1.18515	0.95553	1.011	1.011	0.771281	1.05888	1.05888	0.835278	0.509569	0.542374	1
cg05431163	B4GALNT4	0.605779	0.180526	1.6572	1.6572	0.713757	1.13982	1.13982	0.146889	1.73852	1.73852	0.103743	2.10823	2.108231	0.345457	1.41437	1.41437	0.523924	1.25789	1.25789	0.0937207	1.9247	1.9247	0.68592	1.15537	1.15537	0.886557	1.05202	1.05202	0.835253	1.66931	1.77601	1
cg22489887	CCDC64	0.605799	0.900067	1.02842	1.02842	0.740814	0.928642	-1.07684	0.491483	0.855697	-1.16864	0.591202	1.12854	1.12854	0.723074	1.08258	1.08258	0.364965	1.23073	1.23073	0.11004	0.678093	-1.47472	0.37645	0.776878	-1.2872	0.470484	0.848962	-1.17791	0.835223	0.657973	0.70025	1
cg26336840	FASTK;TMUB1;TMUB1;FASTK	0.605802	0.153866	1.48463	1.48463	-2.0865	0.804143	0.884788	1.13513	0.538365	1.34393	1.34393	0.836909	0.960429	1.10274	0.224706	1.83145	0.564084	0.758299	1.31874	0.194347	0.521279	1.91836	0.223846	0.585341	1.83371	0.946431	0.96862	1.0324	0.835218	2.978121	3.16949	1
cg06538660	ALS2-AS2	0.605814	0.308506	0.63414	5.63414	0.590831	0.420844	2.37618	?	?	?	?	0.811505	1.45902	0.325407	0.18998	-5.26372	0.34778	0.83668	4.83668	?	?	?	?	?	0.833692	1.39417	1.39417	0.821293	18.7999	15.2604	1
cg24809299	NXT1;NXT1	0.605814	0.742164	0.94023	-1.05404	0.845248	0.904827	1.10154	0.38287	0.863039	-1.1587	0.863917	0.8629997	-1.15875	0.99017	1.00008	1.00008	0.279344	0.818355	1.19638	0.951561	1.00973	0.997501	1.0005	1.0005	0.0946998	1.34018	1.34018	0.835199	0.936185	0.957797	1	
cg00976532	PDPK1;PDPK1	0.605818	0.707308	1.15426	1.15426	0.946541	1.02583	1.02583	0.157217	1.77771	1.77771	0.597267	0.8164452	-1.22481	0.488681	0.765265	1.30674	0.284972	0.655472	-1.52562	0.199175	1.67525	1.67525	0.764987	0.892238	-1.12078	0.98213	0.991518	-1.00855	0.835194	1.91342	2.03643	1
cg15401952	KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.605835	0.437027	0.798071	-1.25302	0.169111	0.659171	-1.51706	0.673724	1.12814	1.12814	0.582766	0.853991	-1.17097	0.353115	0.761997	-1.31234	0.580339	0.853105	-1.17219	0.142752	0.63887	-1.56542	0.160381	0.652697	-1.5321	0.711159	0.899592	-1.11162	0.835167	1.07051	1.13937	1
cg11484283	FNIP2;C4orf45	0.605864	0.268657	0.452826	-2.18238	0.414054	0.76945	-1.76945	0.252843	0.5519075	-1.81164	0.2524	0.6124468	-1.63248	0.261744	0.2723578	-3.67349	0.489381	0.62453	-1.60131	0.20631	0.405364	-2.46692	0.878956	0.754299	-1.32573	0.566633	0.675464	-1.48046	0.835116	0.606929	0.65975	1
cg12247101	KIAA1949;KIAA1949	0.605846	0.281127	1.74203	1.74203	0.549262	0.740638	-1.35019	0.294631	0.5835841	-1.71355	0.843933	0.906956	-1.10259	0.746091	0.851309	-1.17466	0.387757	1.55058	1.55058	0.23889	0.542715	-1.84259	0.311498	1.68002	1.68002	0.918965	1.05172	1.05172	0.835151	3.24731	3.45626	1
cg02137183	AGK	0.605847	0.402732	0.623741	-1.60323	0.502244	0.624243	-1.52848	0.501546	1.53446	1.53446	0.688325	1.28803	1.28803	0.199178	0.426745	-2.34332	0.493969	0.609536	-1.64099	0.163893	0.393568	-2.54086	0.870213	0.454401	-2.19969	0.57019	0.697545	-1.4336	0.835148	5.21186	5.54723	1
cg08091256	ZNF710	0.605849	0.272583	0.657997	-1.51979	0.275546	0.515554	1.51554	1.76945	0.950548	1.10012	1.10012	0.623468	0.833242	1.20013	0.328459	-3.04511	0.183361	0.596036	-1.67769	0.979964	1.00925	1.00925	0.965502	0.984273	-1.01598	0.28106	0.663216	-1.5078	0.835146	1.77698	1.89133	1
cg17990398	JAKMIP3	0.605853	0.23063	0.495698	-2.01736	0.512851	1.44827	1.44827	0.987248	1.00896	1.00896	0.744174	1.2005	1.2005	0.104952	0.372035	-2.68792	0.806423	0.871963	-1.14684	0.942657	0.96065	-1.04096	0.344729	0.580939	-1.72135	0.302765	0.551166	-1.81434	0.83514	4.11917	4.38428	1
cg05314409	CPNE4	0.605857	0.460691	2.07173	2.07173	0.482427	1.27847	1.27847	0.54614	0.990269	-2.56234	0.84063	1.2153	1.2153	0.514436	0.529068	-1.88901	0.459162	2.07708	2.07708	0.339064	2.60039	2.60039	0.523104	1.8732	1.8732	0.155099	1.22483	1.22483	0.835113	1.48403	1.61241	1
cg11902380	MXRA7;KIAA2026	0.60586	0.371128	0.56865	-1.75855	0.534971	0.679619	-1.47141	0.652416	1.32141	1.32141	0.384551	0.5780192	-1.72983	0.146111	0.383248	-2.60927	0.247623	0.47568	-2.10225	0.224227	0.456214	-2.19195	0.854785	0.893496	-1.1192	0.216025	0.449185	-2.22626	0.835129	4.99752	5.31922	1
cg11474798	B4GS4B	0.605863	0.168526	1.79788	1.79788	0.558296	0.645339	-1.55391	0.899925	1.12515	1.12515	0.862633	1.0727	1.0727	0.726378	1.12942	-2.20013	0.332659	0.862633	1.0727	1.0727	0.926737	1.40546	0.408379	0.229318	1.22918	0.122918	0.043828	0.688704	1.44139	0.835114	2.19483	2.35681	1
cg27136994	C15orf26	0.605865	0.244811	0.383935	-2.60461	0.43987	0.538037	-1.85861	0.727763	0.759594	-1.31649	0.527517	0.604305	-1.65479	0.187381	0.333064	-3.00242	0.349938	0.469054	-2.13195	0.0849019	0.223329	-4.4777	0.277988	0.411627	-2.42938	0.443013	0.540419	-1.85042	0.835121	8.18843	8.71563	1
cg15784635	NCRNA00171	0.605867	0.324039	1.75887	1.75887	0.134146	0.244875	2.44875	0.362068	1.681	1.681	0.411777	0.59245	1.59245	0.763563	1.36743	1.36743	?	?	?	?	0.143571	2.39004	0.95806	1.68536	0.68536	0.390451	1.62885	0.621857	0.852917	3.55673	4.32715	1
cg19949776	LOC100132724;APAE1	0.605887	0.960186	1.04172	1.04172	0.0593616	0.323902	3.08735	0.53224	1.87865	1.87865	0.732502	1.27502	1.27502	0.936416	1.18295	1.18295	0.111	0.0258267	-38.7196	0.530065	1.81709	1.81709	0.747764	0.197283	1.97283	0.373619	0.146127	-6.84336	0.851153	58.652	62.4288	1
cg21767227	C17orf81;C17orf81;C17orf81;C17orf81	0.605874	0.288275	0.80391	-1.24392	0.210258	0.769978	-1.29874	0.6577	1.0923	1.0923	0.195544	0.762599	-1.3113	0.400857	0.843455	-1.1856	0.42298	0.850411	-1.1759	0.398785	1.18653	1.18653	0.756658	0.940315	-1.06347	0.447327	0.857842	-1.16572	0.835108	0.518447	0.551835	1
cg02203484	GRAMD4	0.605884	0.413838	0.652297	-1.53157	0.389428	0.56843	-1.56843	0.648014	1.26434	1.26434	0.256103	0.546109	-1.83114	0.839409	1.10909	1.10909	0.376918	1.58834	1.58834	0.432653	1.50475	1.50475	0.276256	0.56106	-1.78234	0.835077	0.344408	3.66601	1	
cg19585586	RPL17;SNORD58B;RPL17	0.605904	0.41479	1.66356	1.66356	0.97225	0.978986	-1.02147	0.19104	0.429438	-2.32862	0.943131	1.04438	1.04438	0.919233	0.939952	-1.06388	0.856163	0.895134	-1.11715	0.27119	2.01256	2.01256	0.601421	1.37959	1.37959	0.146242	2.59161	2.59161	0.835061	4.93024	5.24804	1
cg18834416	EIF4EBP1	0.605905	0.480578	1.47091	1.47091	-1.43706	0.533882	1.87321	1.37521	0.54741	1.84055	1.84055	1.36055	0.400082	2.5459	1.5459	2.5459	0.724546	1.45033	1.45033	0.691018	1.38506	1.38506	1.4518	0.171023	2.08989	2.08989	0.0455165	1.55044	1.55044	0.83506	1.38218	0.60019	1	
cg06503171	AMOTL2	0.605948	0.3307	0.55095	-1.80149	0.0972554	0.343942	-2.90747	0.150405	0.404942	-2.46949	0.453367	0.638934	-1.56515	0.383075	0.591816	-1.68971	0.262363	0.503908	-1.98449	0.453449	0.638988	-1.56497	0.961533	1.02869	1.02869	0.616816	0.743897	-1.34427	0.835094	4.54825	4.84182	1
cg09003166	MIR9;2;MIR9L2	0.605959	0.81056	1.0794	1.0794	0.0825398	0.395395	2.5289	0.889925	1.1489	0.889925	0.1268	0.2023131	2.202313	0.373239	-1.36324	0.541224	0.789133	1.0794	1.0794	0.0825398	0.404182	2.47388	0.541224	0.789133	1.1489	0.889925	0.1268	0.2023131	2.202313	0.373239	-1.36324	0.541224	1
cg27466709	RTN4RL1	0.605967	0.873393	0.93721	-1.067	0.2837756	1.57279	1.57279	0.349922	0.676202	-1.47885	0.859505	1.07471	1.07471	0.561149	0.787457	-1.26991	0.415208	1.40306	1.40306	0.0975839	2.09423	2.09423	0.911206	1.04641	1.04641	0.85364	0.927656	-1.07799	0.834965	2.1867	2.32792	1
cg09980774	HIST1H4H	0.605967	0.826854	0.949109	-1.05362	0.362499	1.25002	1.25002	0.187798	1.39487	1.39487	0.876974	1.05035	1.05035	0.957388	0.9577	1.0127	0.226256	1.35385	1.35385	0.997561	1.00073	1.00073	0.611656	1.15441	1.15441	0.0879181	1.56683	1.56683	0.834965	0.751772	0.800323	1
cg00033220	TGIF1;TGIF1;TGIF1 TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;	0.605976	0.44631	1.23063	1.23063	0.589069	1.15696	1.15696	0.811061	0.937982	-1.06612	0.414752	0.800218	-1.24966	0.387779	1.267	1.267	0.324514	1.31259	1.31259	0.161228	0.670316	-1.49183	0.52097	1.18997	1.18997	0.515576	1.19274	1.19274	0.834951	0.945104	1.00616	1
cg21738071	NOC2L	0.605982	0.232464	0.4304	-2.32332	0.0965383	0.431043	0.868088	1.03081	0.93081	1.03081	0.459536	1.118165	1.118165	0.0900482	0.894155	-1.11845	0.316991	0.8111	1.23301	0.0388737	0.431153	1.31885	0.759	0.944179	-1.06227	0.243803	0.722958	-1.38321	0.834942	0.914453	0.991635	1
cg13152082	ADH5	0.605989	0.138991	1.30136	1.30136	0.269319	0.826733	-1.20958	0.812583	0.961476	-1.04007	0.728388	0.943968	-1.05936	0.594576	0.914984	1.09292	0.503302	1.02026	1.02026	0.280515	0.830657	-1.20387	0.541898	0.902917	-1.10752	0.338693	0.849480	-1.17718	0.834931	0.361762	0.385141	1
cg00441079	TOP1MT	0.605994	0.449659	1.25675	1.25675	0.860825	1.05344	1.05344	0.257129	1.42026	1.42026	0.26078	1.41625	1.41625	0.246988	1.43205	1.43205	0.705213	1.11934	1.11934	0.0630816	1.85929	1.85929	0.77325	1.08948	1.08948	0.657558	1.1415	1.1415	0.834923	1.16367	1.23888	1
cg01396088	CHAT;A	0.606001	0.190386	0.485664	-2.05931	0.163165	0.821242	-1.21779	0.332164	0.854727	-1.17006	0.484454	1.2015	1.2015	0.0964224	-2.20154	0.406427	0.528744	0.77935	1.28328	0.0744	0.77935	0.528744	0.134897	1.40097	0.714297	0.502131	0.57573	-1.75039	0.656165	0.789108	0.827253	1
cg03810198	MXRA7;MXRA7;MXRA7	0.606019	0.957961	1.07865	1.07865	0.363503	1.06787	1.06787	0.728285	1.65019	1.65019	0.980915	1.17921	1.17921	0.125796	1.65577	1.65577	0.094538	0.7014086	-1.42539	0.801974	0.697046	-1.43431	0.960521	1.14271	1.14271	0.804102	1.42893	1.42893	0.834885	27.2735	29.0376	1
cg00438892	REL	0.606049	0.276984	0.465922	-2.14666	0.0997501	0.532869	-1.87703	0.7268	0.752478	-1.32956	0.669345	1.44452	1.44452	0.0972997	2.06939	-2.06939	0.152955	0.6536	1.53004	0.0267441	0.552816	1.80907	0.26679	0.296597	-3.37158	0.2830264	0.683089	1.46403	0.834908	0.423993	0.485285	1
cg09605317	DNAH3;TMEM159	0.606049	0.293478	0.541014	-1.84838	0.0641405	0.30469	-3.28203	0.377573	0.596161	-1.67739	0.702048	0.802847	-1.24557	0.900575	1.07402	1.07402	0.537623	1.42842	1.42842	0.861022	0.904737	-1.10529	0.383452	0.600152	-1.66624	0.816965	0.875947	-1.14162	0.83484	4.13532	4.5947	1
cg19949327	GUCA1B	0.606065	0.790458	1.11225	1.11225	0.627618	0.823432	1.21561	0.813796	1.2994	1.2994	0.373973	1.57664	1.57664	0.198337	1.21712	1.21712	0.768045	1.13025	1.13025	0.446196	1.16028	1.16028	0.870958	1.53307	1.53307	0.452866	0.93743	1.06497	0.834837	2.10939	2.24596	1
cg23818228	ATXN2	0.606083	0.586882	1.1218	1.1218	0.196868	1.02482	1.02482	0.464604	1.19089	1.19089	0.810325	1.49968	1.49968	0.401679	0.854257	-1.17061	0.568699	0.883377	-1.13226	0.670024	1.09395	1.09395	0.932835	0.979649	-1.02077	0.471443	1.16586	1.16586	0.834858	1.58204	0.617822	1
cg27024408	RORA	0.606066	0.604846	1.24796	1.24796	0.825751	1.09808	1.09808	0.308608	0.639439	-1.56387	0.620818	1.23566	1.23566	0.169948	0.537788	-1.85947	0.808186	1.10872	1.10872	0.215211	1.73947	1.73947	0.644228	1.21814	1.21814	0.462968	0.728307	-1.37305	0.834813	2.38081	2.53502	1
cg03560182	TAF7	0.606082	0.459528	0.811182	-1.23257	0.357497	1.30077	1.30077	0.675294	1.12522	1.12522	0.259383	1.721137	1.721137	0.136974	0.581063	-1.72102	0.440016	0.803508	1.24454	0.0125275	0.909943	-1.09899	0.812627	0.870114	1.14909	1.14909	0.0703133	-1.58947	0.807116	1.07033	1.08432	1.00092	1.08706	1
cg02065148	SPON2;SPON2	0.606077	0.307625	0.596449	-1.67659	0.114241	0.31793	-3.14593	0.527337	1.36804	1.36804	0.490093	0.709604	-1.40924	0.54891	0.743209	-1.34552	0.889971	0.934511	-1.07008	0.370091	0.637376	-1.56893	0.829345	0.899763	-1.1114	0.596293	0.769814	-1.29902	0.834796	3.16572	3.37086	1
cg00041709	KLC2;KLC2;KLC2;KLC2	0.606088	0.807184	1.07048	1.07048	0.358163	1.05662	1.05662	0.629207	1.15668	1.15668	0.194993	0.664492	-1.50541	0.294119	0.722912	-1.38329	0.88993	1.0426	1.0426	0.329	1.06632	1.06632	0.972194	0.900823	-1.11003	0.0934403	0.576742	-1.73388	0.834779	5.17545	5.52615	1
cg20100050	TBC1D23;TBC1D23	0.60609	0.662836	0.936812	-1.06745	0.4158715	0.74555	1.34165	0.710356	0.90536	-1.10536	0.253942	0.837569	-1.19393	0.965013	1.03611	1.03611	0.85327	0.97283	-1.02793	0.245777	1.15506	1.15506	0.131949	0.78512	-1.27369	0.473922	1.11445	1.11445	0.834776	0.292668	0.31164	1
cg26410821	DAAM1	0.606099	0.777646	0.83008	-1.2407	0.0460252	0.54008	1.85008	0.291528	2.0109	2.0109	0.205898	0.65865	-1.51954	0.0865	1.30763	1.30763	0.553564	1.48323	1.48323	0.0001	1.48323	1.48323	0.727788	0.794641	-1.25843	0.961129	1.03258	1.03258	0.732377	1.25333	1.25333	0.590833	1.42907	0.42907	0.762	5.72093	6.09188	1
cg21187239	UQCR6	0.606105	0.190378	0.485607	-2.05944	0.163141	0.821177	1.21811	0.332447	0.854623	-1.17011	0.483947	0.674632	-1.14334	0.63817	1.12932	1.12932	0.519351	0.7935	1.26041	0.0744	0.7935	0.519351	0.134897	1.40097	0.714297	0.502131	0.57573	-1.75039	0.656165	0.789108	0.827253	1
cg16447058	DAPK2	0.606114	0.471591	1.24663	1.24663	0.625186	1.15976	1.15976	0.807519	1.07625	1.07625	0.19181	1.51583	1.51583	0.224049	1.4689	1.4689	0.530919	1.78905	1.78905	0.337368	0.848106	1.43833	1.43833	0.0788156	1.79962	1.79962	0.709452	1.11926	1.11926	0.755235	1.09871	1.09871	0.834739	1.19809	1.27582	1
cg15768318	PXDN	0.606125	0.25235	0.50487	-1.98057	0.140481	0.43976	-2.27433	0.55457	0.803256	-1.24493	0.517796	1.27694	1.27694	0.279061	2.862	2.862	0.248152	0.417625	2.39401	0.0146126	0.417625	0.248152	0.0264	0.532613	1.87764	0.532613	0.532613	0.532613

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg23155680	ABCB6	0.606841	0.412842	1.038842	0.88842	-1.19212	0.804367	1.040611	0.695233	1.08615	0.108635	0.943015	0.10512	1.102512	0.104442	0.688979	-1.45142	0.19559	0.75029	-1.33282	0.482028	1.55182	1.56182	0.874433	1.03375	0.1315	0.719092	1.07876	0.833672	0.581705	0.620233	1
cg24524396	ELOVL5	0.606813	0.376686	0.742279	-1.3472	0.549906	0.819758	-1.21987	0.37351	0.740726	-1.35003	0.248078	0.672536	-1.48691	0.243549	0.669735	-1.49313	0.37513	0.741519	-1.34858	0.622241	0.501754	-1.99301	0.597649	0.839473	-1.19122	0.608702	0.843976	-1.18487	0.833668	1.42508	1.51948	1
cg20247781	PPM1J	0.606822	0.590497	0.819435	-1.22035	0.303535	0.676615	-1.47795	0.294286	0.671154	-1.48997	0.649338	1.18271	1.18271	0.609079	0.827725	-1.20813	0.701103	0.86816	-1.15186	0.153479	1.75113	1.75113	0.3036	0.676653	-1.47786	0.93191	1.03182	1.03182	0.8335655	1.77426	1.89181	1
cg12461871	C1orf79	0.606825	0.767372	0.903408	1.10692	0.08096	0.515528	-1.93976	0.147282	0.587128	-1.7032	0.674452	1.15565	1.15565	0.989941	0.995607	-1.00433	0.732918	0.889341	-1.12443	0.933567	1.0294	1.0294	0.461392	0.773548	-1.29274	0.393362	0.741264	-1.34905	0.83365	1.54819	1.65077	1
cg22129809	RBP1;RBP1_HBP1	0.606826	0.390073	1.27801	2.17801	0.204113	0.305895	-3.2691	0.225164	0.332456	-3.08304	0.726587	1.3638	1.3638	0.407421	2.11467	2.11467	0.323531	2.46254	2.46254	0.850393	0.846294	-1.18162	0.753793	1.3206	1.3206	0.660095	1.47703	1.47703	0.833648	0.10137	10.9971	1
cg24502043	LOC340074	0.606841	0.995871	1.00133	1.00133	0.178526	0.691852	-1.4454	0.884352	0.61129	-1.63589	0.921488	0.974912	-1.02573	0.32618	0.770006	-1.29857	0.37156	0.789418	-1.26676	0.592457	0.870004	-1.14942	0.349549	0.733333	-1.36364	0.734034	0.915857	-1.09187	0.833626	0.876998	0.935136	1
cg24430835	SPATA18	0.606847	0.558876	0.840946	-1.18914	0.277991	0.718487	-1.39181	0.313196	1.35758	1.35758	0.463503	0.803581	-1.24443	0.509107	0.821782	-1.21687	0.835435	1.06286	1.06286	0.445936	1.2557	1.2557	0.184294	1.51092	1.51092	0.942513	1.02136	1.02136	0.833617	1.13391	1.20909	1
cg23846283	SRI;TSR1	0.606848	0.961463	0.977186	-1.02335	0.639716	0.795111	-1.25769	0.193483	0.550679	-1.81594	0.946523	1.58865	1.58865	0.595735	1.291401	1.29141	0.124453	0.45182	-2.21327	0.665329	0.815253	-1.23073	0.675249	1.41448	1.41448	0.92997	0.958888	-1.04287	0.838615	3.0116	3.21129	1
cg09332592	STXBP1;STXBP1;STXBP1;STXBP1	0.60685	0.886655	1.02769	1.02769	0.186379	1.3077	1.3077	0.155648	1.33768	1.33768	0.671561	1.23705	1.23705	0.23584	1.23584	1.23584	0.684399	1.0814	1.0814	0.343339	0.82946	-1.20556	0.513881	1.13516	1.13516	0.467158	1.15222	1.15222	0.833612	0.484184	0.51629	1
cg09702279	HSPA1B	0.606858	0.594177	0.736851	-1.35713	0.909385	0.937394	-1.06679	0.716652	0.813041	-1.22995	0.0539898	3.46291	3.46291	0.587388	0.73263	-1.36495	0.443043	0.640096	-1.56226	0.741009	1.20725	1.20725	0.74618	1.20252	1.20252	0.965958	0.976057	-1.02453	0.833599	4.25715	4.53951	1
cg06351364	MRPL19	0.606875	0.769541	0.915114	-1.09268	0.479958	0.254384	1.25429	1.25429	0.464455	1.25735	1.25735	0.453808	0.785719	0.222952	0.88809	-1.12594	0.992537	0.995956	1.00406	0.124741	0.645423	1.55174	0.645423	1.13873	1.13873	0.239474	1.45055	1.45055	0.833572	1.20366	1.28353	1
cg19713638	LRCH1;LRCH1;LRCH1	0.606886	0.569995	0.580078	-1.72391	0.115381	0.07199	0.07199	0.253174	3.10215	3.10215	0.841941	0.827459	-1.20852	0.329408	0.384884	-2.59819	0.546176	0.560254	-1.7849	0.745597	0.734312	-1.36182	0.851747	1.1942	1.1942	0.761995	0.749654	-1.33395	0.833557	17.8796	12.6681	1
cg24549522	ACOT9;ACOT9	0.606901	0.304182	0.285972	-3.49584	0.74858	0.685026	-1.4938	0.913196	1.13667	1.13667	0.547572	0.2099	0.2099	0.045781	0.244392	0.244392	0.229063	0.228353	0.414437	0.548878	0.480904	-2.04122	0.905402	0.806481	-1.15011	0.623797	0.559032	-1.7888	0.833534	18.3005	19.4828	1
cg20790307	SMCR5;Rik1	0.606905	0.971398	0.981977	-1.01835	0.109103	0.42619	2.42619	0.279561	1.76859	1.76859	0.960083	1.06579	1.06579	0.985698	0.990948	1.00913	0.993605	1.00407	1.00407	0.351478	1.62648	1.62648	0.117841	1.36668	1.36668	0.571315	1.3367	1.3367	0.833528	3.39699	3.62261	1
cg14155482	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.606906	?	?	0.563891	1.56078	1.56078	0.987676	1.01184	1.01184	0.654952	0.70963	-1.40918	0.982488	1.01512	1.01512		0.478732	1.73324	1.73324	0.116506	0.268163	-3.72938	0.855687	0.87048	-1.14879	0.216642	1.368543	-2.71339	0.8249	6.59773	6.99844	1
cg21552081	BCL11A;BCL11A;BCL11A	0.606923	0.476941	1.32564	1.32564	0.162361	1.78866	1.78866	0.104532	1.99701	1.99701	0.642239	1.20006	1.20006	0.454303	1.34596	1.34596	0.293046	1.52989	1.52989	0.815752	1.09525	1.09525	0.165815	1.77908	1.77908	0.675954	1.17805	1.17805	0.8335	2.00586	2.13915	1
cg05209770	SPR133B;SPR133B	0.606936	0.543026	2.32088	2.32088	0.178999	1.55395	1.55399	0.843582	1.31017	1.31017	0.883077	1.22293	1.22293	0.039402	0.598416	-1.67098	0.842777	1.12013	1.12013	0.952639	1.08463	1.08463	0.756711	1.52955	1.52955	0.945443	0.910658	-1.09811	0.83348	24.6869	26.1381	1
cg08919649	VPS33B;VPS33B	0.606944	0.387008	1.20718	1.20718	0.187069	1.34573	1.34573	0.656809	1.09002	1.09002	0.297533	1.25774	1.25774	0.704068	0.821667	-1.21703	0.529009	1.14499	1.14499	0.115496	0.706127	1.41606	0.706127	0.936118	-1.06824	0.716551	1.36206	1.36206	0.833474	0.595189	0.634761	1
cg13194380	TALDO1	0.606941	0.497371	0.911222	-1.09743	0.669554	1.05964	1.05964	0.179203	1.21231	1.21231	0.931137	1.01173	1.01173	0.663695	1.06081	1.06081	0.759476	1.04231	1.04231	0.491284	1.09892	1.09892	0.461444	1.10646	1.10646	0.0746577	1.30727	1.30727	0.833472	0.240346	0.256327	1
cg26138144	UGALS1	0.606942	0.147816	0.5943	-1.68288	0.879554	0.584004	1.26646	1.26646	0.171306	0.179246	1.72714	0.222959	0.222959	0.02404	-6.67455	0.344525	0.009789	1.12801	1.12801	0.08778	0.224271	0.221933	-4.47435	0.625037	0.552764	-1.80909	0.553684	0.486234	-2.05662	0.83347	19.122	20.3934	1
cg07988171	TPM4;TPM4	0.606955	0.179392	0.257641	-4.20803	0.999603	0.998818	-1.00118	0.700608	0.677539	-1.47593	0.957021	0.945747	-1.05581	0.209805	0.264007	-3.78778	0.47129	0.47888	-2.09254	0.091952	0.154229	-6.48386	0.835098	0.810555	-1.23372	0.299342	0.338303	-2.95593	0.833451	13.4018	14.2932	1
cg05806577	ARNT;ARNT;ARNT;ARNT;ARNT;ARNT	0.606965	0.27543	1.9666	1.96605	0.240828	0.803818	1.96883	0.799993	1.43508	1.43508	0.622652	1.27765	1.27765	0.278326	1.19799	1.19799	0.0703	1.74078	1.74078	0.0244	0.0703	1.74078	0.0244	0.990293	0.997242	-1.00277	0.73987	0.819869	-1.22971	0.83345	16.3035	19.4828	1
cg08130520	ABCC5P1 ZNF226;ZNF226;ZNF226;ZNF226;ZNF22	0.606956	0.314752	1.50456	1.50456	0.363862	0.693032	-1.44293	0.183157	1.74195	1.74195	0.817516	0.91318	-1.09507	0.180559	1.74843	1.74843	0.687706	1.17209	1.17209	0.287547	1.54328	1.54328	0.888342	1.05675	1.05675	0.950301	1.0248	1.0248	0.833449	2.03822	2.1738	1
cg22003469	6	0.606959	0.910478	1.01691	1.01691	0.38434	0.875479	-1.14223	0.699932	1.05944	1.05944	0.632412	0.93067	-1.07449	0.353015	1.15295	1.15295	0.209665	1.21801	1.21801	0.763023	0.955917	-1.04612	0.132454	1.27386	1.27386	0.530242	1.09685	1.09685	0.833445	0.293409	0.312928	1
cg12295617	BIN3	0.606969	0.459436	0.942513	-1.06099	0.838621	0.984099	-1.01616	0.490108	1.05665	1.05665	0.0831527	0.860036	-1.16274	0.863641	1.0136	1.0136	0.258997	1.09698	1.09698	0.993031	0.999314	-1.00069	0.77363	1.02293	1.02293	0.796964	1.02047	1.02047	0.83543	0.0815493	0.0869759	1
cg09376588	C11orf94	0.606974	0.615307	0.823364	1.21453	0.394659	1.18545	1.18545	0.108868	0.584288	1.28638	1.28638	0.513768	1.513768	0.150705	0.934635	-1.87043	0.842777	1.13203	1.13203	0.952639	1.08463	1.08463	0.756711	1.52955	1.52955	0.945443	0.910658	-1.09811	0.83348	24.6869	26.1381	1
cg14611830	TTL4	0.60698	0.92585	1.0193	1.0193	0.146852	1.37676	1.37676	0.156198	1.36457	1.36457	0.346473	1.22029	1.22029	0.92989	1.00414	1.00414	0.682456	1.08814	1.08814	0.644056	0.858266	-1.16482	0.709117	1.14724	1.14724	0.970434	0.995189	0.995189	0.833412	0.556631	0.593683	1
cg19235966	SPEN;FLJ37453	0.606996	0.536088	1.17134	1.17134	0.378227	1.25634	1.25634	0.148274	0.676092	-1.47909	0.241437	?	0.753811	-1.36275	0.558936	1.16088	1.16088	0.650324	1.12209	1.12209	0.446311	1.21793	1.21793	0.988146	1.00376	1.00376	0.750224	1.08395	1.08395	0.833388	0.840928	0.896931	1
cg18165202	TTTY14	0.607006	0.385251	1.45023	1.45023	0.422607	1.76127	1.76127	0.881284	1.18189	1.18189	1.24148	?	?	0.241487	0.478987	-2.08774	0.713274	0.972629	0.195679	-5.10944	0.753611	0.784415	-1.39195	0.752819	0.753373	-1.32756	0.781965	0.63404	11.3117	1
cg01497561	NCAM1;NCAM1;NCAM1	0.607007	0.860067	0.950004	-1.05263	0.342957	1.3284	1.3284	0.742768	1.10045	1.10045	0.424353	1.25763	1.25763	0.82154	1.06787	1.06787	0.870762	0.953777	-1.04846	0.0720769	1.79237	1.79237	0.286329	1.37916	1.37916	0.244313	1.42481	1.42481	0.833371	1.11507	1.18936	1
cg25692838	CLSTN2	0.607015	0.379964	1.38128	1.38128	0.307295	0.998545	1.00462	0.996545	1.00045	1.00045	0.424353	1.34792	1.34792	0.133729	0.663102	0.904661	0.121221	1.51211	1.51211	0.0139	0.661355	1.51211	0.0139	0.608385	0.626074	-1.59798	0.00035	0.00035	0.833369	0.00035	0.00035	1
cg24353833	NRM	0.607017	0.0755636	0.676319	-1.47859	0.977321	0.994936	-1.00564	0.397707	1.18673	1.18673	0.779041	1.05173	1.05173	0.393246	0.841218	-1.18875	0.792935	0.949318	-1.05339	0.498418	0.872952	-1.14554	0.956156	0.980189	-1.01093	0.307867	0.811656	-1.23205	0.833356	0.515893	0.550271	1
cg13629345	LIN7C;LIN7C	0.607018	0.290675	1.59471	1.59471	0.985262	0.992104	-1.00785	0.608174	1.24498	1.24498	0.272285	1.62671	1.62671	0.226925	0.584442	-1.71103	0.587579	1.26122	1.26122	0.26109	0.607724	-1.64549	0.690406	1.18479	1.18479	0.837828	0.91691	-1.09062	0.83779	2.33625	2.15962	1
cg13682795	TMCC1;TMCC1;TMCC1	0.607023	0.409244	1.19116	1.19116	0.258702	0.818839	1.20493	0.254793	1.73458	1.73458	0.13497	1.54497	1.54497	0.264793	1.73458	1.73458	0.837573	0.68783	-1.45385	0.705442	0.855288	1.1692	1.1692	0.257662	1.49429	1.49429	1.62642	1.52687	1.30204	1.30204	0.833546	2.46405	2.38551	1
cg10802371	RNF13;RNF13	0.607035	0.582617	1.26761	1.26761	1.092511	1.80276	1.80276	0.136555	1.98432	1.98432	0.965567	0.981725	-1.01861	0.630225	0.812821	-1.23028	0.423371	0.70513	-1.41816	0.471382	0.731235	-1.36755	0.56751	1.28005	1.28005	0.776525	1.12929	1.12929	0.833328	2.40921	2.56984	1
cg20483271	GLI3	0.607037	0.151537	0.488	-2.04888	0.979554	0.584004	-1.40672	0.504403	0.782381	-1.27815	0.978422	0.720757	-1.38743	0.974225	0.702955	-1.42256	0.598206	1.78915	0.481701	0.224653	0.418116	1.78915	0.418116	1.16826	1.16826	0.136555	1.74812	1.74812	1.34883	0.744083	0.725285	1.84841	1
cg17098857	PRCP;PRCP	0.607048	0.22771	0.489557	-2.04266	0.110332	0.374712	-2.66872	0.192752	0.459522	-2.17617	0.869656	0.92952	-1.07582	0.349307	0.580792	-1.72179	0.488712	0.672503	-1.48698	0.670011	0.785218	-1.27353	0.264301	0.518762	-1.92767	0.855419	1.1083	1.1083	0.833308	0.13922	4.4793	1
cg15104380	UBTD1	0.607075	0.767177	1.19576	1.19576	0.207694	2.22547	2.22547	0.719073	1.24297	1.24297	0.597301	1.37854	1.37854	0.431564	0.616704	-1.62152	0.684363	0.781842	-1.27903	0.540027	0.688282	-1.45289	0.509847	0.668599	-1.49566	0.136804	0.380946	-2.62504	0.833268	4.78508	5.10449	1
cg20877430	DTX1	0.607075	0.831657	1.12567	1.12567	0.140883	0.925357	1.08066	0.829362	0.921421	1.08552	0.973407	0.982742	-1.01756	0.837242	0.884666	-1.13052	0.952465	1.05081	1.05081	0.626403	0.810598	1.53596	0.650507	0.962405	-1.03924	0.842178	0.962405	0.962405	-1.03924	0.833683	0.744813	0.732852	0.744841	1
cg17098857	PRCP;PRCP	0.607048	0.22771	0.489557	-2.04266	0.110332	0.374712	-2.66872	0.192752	0.459522	-2.17617	0.869656	0.92952	-1.07582	0.349307	0.580792	-1.72179	0.488712	0.672503	-1.48698	0.670011	0.785218	-1.27353	0.264301	0.518762	-1.92767	0.855419	1.1083	1.1083	0.833308	0.13922	4.4793	1
cg21503241	IRF3;BCL2L12;BCL2L12	0.607067	0.925484	1.01761	1.01761	0.31764	1.1648	1.1648	0.288	0.758034	-1.3192	0.310268	0.76824	-1.30168	0.993547	0.997971	-1.00203	0.839048	0.95209	-1.0524	0.11295	1.54228	1.54228	0.896437	1.03324	1.03324	0.919981	0.97581	-1.02556	0.833251	0.832281	0.887854	1
cg08930182	CSDAP1	0.607091	0.742613	0.84749	-1.17995	0.471691	1.4443	1.4443	0.734037	1.18678	1.18678	0.864846	0.918012	-1.08931	0.611749	0.773343	-1.29309	0.428853	0.666602	-1.50015	0.533363	1.37271	1.37271	0.0607536	2.89087	2.89087	0.855611	1.09578	1.09578	0.833243	3.32754	3.54976	1
cg08197758	PYROD2	0.607091	0.70552	1.2349	1.2349	0.14387	1.24017	1.24017	0.241612	0.815678	0.83852	-1.19318	0.69488	1.24017	0.219495	0.482817	-2.07212	0.844938	1.11486	1.11486	0.709972	0.842622	-1.18681	0.709972	-1.00291	0.942622	-1.06122	-1.14942	0.833181	0.123865	0.145961	1
cg08324906	PVRL1;PVRL1;PVRL1	0.607098	0.122759	0.601593	-1.66226	0.992139	0.970701	1.0203	0.137999	0.659858	-1.6519	0.502928	0.813343	-1.22949	0.104109	0.980041	-1.02037	0.369435	0.755692	-1.32359	0.682622	0.108547	-2.45645	0.148418	0.12489	-2.4008	0.240032	0.688079	-1.45332	0.833231	1.21873	1.30014	1
cg00288824	ATP10A	0.607107	0.748979	0.948551	-1.05424	0.260426	1.21303	1.21303	0.489918	1.12231	1.12231	0.79105	1.04466	1.04466	0.620545	1.08557	1.08557	0.852882	1.36751	1.36751	0.828409	1.03636	1.03636	0.545762	0.904303	-1.10582	0.470468	0.886216	-1.12839	0.833218	0.357204	0.38107	1
cg17138799	FANK1	0.607126	0.385251	1.45023	1.45023	0.422607	1.76127	1.76127	0.881284	1.18189	1.18189	1.24148	?	?	0.241487	0.478987	-2.08774	0.713274	0.972629	0.195679	-5.10944	0.753611	0.784415	-1.39195	0.752819	0.753373	-1.32756	0.781965	0.63404	11.3117	1
cg07704136	PVRL3	0.607127	0.808855	1.11039	1.11039	0.963055	0.910973	0.972662	0.10492	0.10492	0.282826	0.617745	-1.61879	0.0572242	0.394753	-2.53323	0.34025	0.653994	-1.52907	0.834452	0.913544	-1.09464	0.749712	1.14831	1.14831	0.501635	0.744785	-1.34267	0.83321	2.46355	2.62817	1
cg23166765	GTF2IRD1;GTF2IRD1	0.607125	0.379964	1.38128	1.38128	0.307295	0.998545	1.00462	0.996545	1.00045	1.00045	0.424353	1.34792	1.34792	0.133729	0.663102	0.904661	0.121221	1.51211	1.51211	0.0139	0.661355	1.51211	0.0139	0.608385	0.626074	-1.59798	0.00035	0.00035	0.833369	0.00035	0.00035	1
cg16274148	C9orf156	0.607129	0.844754	1.03015	1.03015	0.149466	0.791199	-1.26315	0.603	0.865257	-1.15573	0.741799	1.05138	1.05138	0.391843	1.14218	1.14218	0.993962	0.998854	1.00115	0.511671	0.79234	-1.26209	0.770012	1.04543	1.04543	0.90103	0.981323	0.981323	0.833169	0.303008	0.323273	1
cg16596493	FAM59A	0.607157	0.536547	1.24138	1.24138	0.706555	0.889245	-1.12455	0.616373	1.16972	1.16972	0.223615	0.672456	-1.48709	0.497196	0.807412	-1.23853	0.223659	0.672483	-1.48703	0.649611	1.1525	1.1525	0.16605	0.632302	-1.58152	0.557753	0.831947	-1.202	0.833141	1.27096	1.356	1
cg00409199	BCAT2;BCAT2;BCAT2;BCAT2	0.607167	0.741266	0.9707	1.03056	0.258827	0.90615	1.04616	0.317098	1.30009	1.30009	0.577079	1.10531	1.10531	0.633681	0.910307	-1.10367	0.505425	0.882004	1.13368	0.477256	1.14845	1.14845	0.105184	1.05184	1.05184	0.27771	1.23126	1.23126	0.833468	0.474156	0.474156	1
cg24709001	HTT	0.607182	0.193585	1.76198	1.76198	0.309603	1.54181	1.54181	0.187009	1.77873	1.77873	0.227279	1.68528	1.68528	0.206622	1.73061	1.73061	0.219085	1.70268	1.70268	0.323316	1.52205	1.52205	0.537088	1.2935	1.2935	0.764695	1.13157	1.13157	0.833102	2.23717	2.38697	1
cg13613245	NOTCH1	0.607197	0.560701	1.33839	1.33839	0.574701	0.755108	-1.32431	0.738335	0.846059	-1.18069	0.618896	0.20688	0.20688	0.049218	0.731881	-1.40473	0.757019	0.857478	-1.16621	0.615058	0.79805	-1.25355	0.913438	0.98944	0.98944	0.843179	1.48802	1.48802	0.833081	1.23865	1.45561	1
cg23919795	RNMTL1;GLOD4	0.607227	0.430819	2.02802	2.02804	0.43179	0.493852	-2.0249	0.168778	0.63053	3.63053	0.982515	1.01946	1.01946	0.981935	1.00979	1.00979	0.56109	1.67664	1.67664	0.153581	0.663644	0.680617	-1.46925	0.900953	0.896292	-1.11571	0.833034	10.2018	10.8859	1
cg21988105	POLRMT	0.607236	0.630164	1.11874	1.11874	0.12767	1.46365	1.46365	0.555874	1.14772	1.14772	0.70089	0.914605	-1.09337	0.779343	1.06712	1.06712	0.733643	1.0822	1.0822	0.217552	1.34988	1.34988	0.484927	1.17837	1.17837	0.270422	0.766908	-1.30394	0.83302	0.705668	0.752995	1
cg05842625	CST3	0.607243	0.424532	1.14451	1.14451	0.153332	1.18183	1.18183	0.623393	0.883695	-1.13163	0.303146	0.883695	-1.13163	0.303146	0.883695	-1.13163	0.303146	0.883695	-1.13163	0.303146	0.542723	1.11194	1.11194	0.153888	0.72096	-1.38748	0.542723	1.11194	1.11194	0.153888	0.72096	-1.38748	0.833232	0.36948	0.386228	1
cg26311501	KIAA0831	0.607244	0.179268	0.391075	-2.55705	0.524644	0.52851	1.52851	0.663694	0.749818	-1.33366	0.565744	0.749818	-1.33366	0.565744	0.749818	-1.33366	0.565744	0.749818	-1.33366	0.565744	0.850939	0.883551	-1.1318	0.283254	0.48201	-2.08281	0.197772	0.246956	0.246956	0.833308	0.573401	0.609732	1
cg24993354	MYCBP2	0.607254	0.705528	1.18195	1.18195	0.242948	1.28976	1.28976	0.362784	0.663824	-1.53838	0.247337	1.03026	1.03026	0.599354	0.493239	-2.02764	0.747233	0.885282	1.12975	0.693477	0.694773	-1.44201	0.904324	0.493239	0.307853	0.528324	1.22125	1.22125	0.833084	0.154004	0.154004	1
cg03478689	EDIL3	0.607247	0.451345	0.855851	-1.16843	0.446931	1.17028	1.17028	0.651887	1.0965	1.0965	0.379614	1.20061	1.20061	0.149823	1.36778	1.36778	0.585299	0.894252	1.11825	0.79281	0.948004	-1.05485	0.416846	0.84509	-1.18331	0.340495	1.22049	1.22049	0.833003	0.542828	0.579246	1
cg08947533	NEK9	0.607253	?	?	0.221054	0.334042	-2.99363	0.324456	1.72028	1.72028	0.880722	0.881865	-1.13396	?	?	?	0.211383	0.17799	-5.6183	0.90286	1.13758	1.13758	0.967606	0.948156	-1.05408	0.790117	1.41864	1.41864	0.832993	22.6715	24.1928	1
cg26119746	ACSL4;ACSL4	0.607254	0.252486	0.22868	-4.36728	0.827219	0.854441	-1.2339	0.945507	0.89744	1.09374	0.09374	0.150081	0.55784	-1.79252	0.424124	0.29338	2.94338	0.213383	0.17799	-5.6183	0.90286	1.13758	1.13758	0.967606	0.948156	-1.05408	0.790117	1.41864	1.41864	0.832993	22.6715	24.1928	1
cg18689730	PGRMC1;PGRMC1	0.607257	0.146303	0.0970823	-10.3005	0.556962	0.411302	-2.4313	0.90716	0.839894	-1.19063	0.249357	0.65311	0.653111	0.415444	3.47247	3.47247	0.323028	0.217266	-4.60266	0.538565	0.394066	-2.53765	0.853044	0.757809	-1.31959	0.749662	1.6141	1.6141	0.832988	29.5081	31.4884	1
cg14077665	FERMT2;FERMT2;FERMT2	0.607258	0.502358	0.815564	1.22639	0.163064	0.240794	-1.70197	0.203854	0.607184	1.07854	0.485004	1.23993	1.23993	0.165968	0.622688	-1.60588	0.790109	1.03637	1.03637	0.0881	1.15224	1.15224	0.165968	0.622688	-1.60588	0.790109	1.03637	1.03637	0.0881	1.15224	1.15224	0.165968	0.622688	-1.60588	0.790109	1.03637	1.03637	0.0881	1.15224	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1048 vs. N)	Fold-Change(1048 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1247 vs. Change(1247 vs. N)	p-value(1477 vs. N)	p-value(1477 vs. Change(1477 vs. N)	p-value(1533 vs. N)	p-value(1533 vs. Change(1533 vs. N)	p-value(5377 vs. N)	p-value(5377 vs. Change(5377 vs. N)	p-value(5633 vs. N)	p-value(5633 vs. Change(5633 vs. N)	F(Error
cg14512156	DEAF1	0.607807	0.98905	0.9954	1.00462	0.235414	1.51998	1.51998	0.57621	1.20041	1.20041	0.818093	1.08066	1.08066	0.163956	0.606469	1.64889	0.435646	1.30708	1.30708	0.922886	0.967067	1.03309	0.401474	0.74881	1.33527	0.370864	0.733896	1.36259	0.832146	1.49414	1.59602	1
ch.19.4763358	KEAP1,KEAP1	0.607811	0.29937	0.82716	-1.21401	0.0477134	0.664817	-1.50417	0.368102	0.84646	-1.18139	0.438935	0.867324	-1.15297	0.463686	0.874165	-1.14395	0.605268	0.910275	-1.09857	0.601585	0.909385	-1.09964	0.784696	0.95182	-1.05062	0.833807	1.03861	1.03861	0.83214	0.428477	0.457697	1
cg04951131	HDLBP,HDLBP	0.607816	0.81631	1.06402	1.06402	0.828599	1.05953	1.05953	0.985479	1.00487	1.00487	0.984539	0.78837	-1.26844	0.670932	1.12073	1.12073	0.789878	1.07383	1.07383	0.9423693	1.865511	1.86551	0.840212	0.947582	-1.05532	0.786998	1.07491	1.07491	0.832133	0.937466	1.00141	1
gb20680818	CFEB3	0.607817	0.867345	0.943403	-1.05994	0.711303	0.878779	-1.13707	0.686096	1.15172	1.15172	0.51065	1.26109	1.26109	0.160227	0.594228	-1.68283	0.932006	1.03009	1.03009	0.127612	1.77312	1.77312	0.708192	0.877466	-1.13965	0.505718	0.790752	-1.26462	0.832131	1.59296	1.70161	1
cg01168283	FOXF1	0.607818	0.196272	0.64895	0.64895	0.848996	1.29087	1.29087	?	?	?	?	?	?	?	0.474992	2.66065	2.66065	0.45457	2.79167	2.79167	0.740928	0.640954	-1.56017	0.257805	0.200833	-4.97926	0.812058	0.726783	-1.37593	0.813374	17.1053	18.0258	1
cg20063141	ONECUT2	0.607822	0.352563	0.756514	-1.32185	0.633757	1.14976	1.14976	0.902995	1.03605	1.03605	0.624007	0.872767	-1.14578	0.346435	0.753633	-1.32691	0.087456	0.573238	-1.74448	0.612539	1.16011	1.16011	0.560622	1.1867	1.1867	0.709582	1.896083	-1.11485	0.836513	1.093889	1.01708	1
cg22590424	MMD	0.607824	0.904731	1.05068	1.05068	0.619986	0.813552	-1.22923	0.450006	0.727741	-1.37412	0.77882	0.890251	-1.13228	0.447597	1.37653	1.37653	0.473254	1.35144	1.35144	0.113804	2.03468	2.03468	0.666292	1.19618	1.19618	0.2005555	1.74753	1.74753	0.832126	2.24659	2.39984	1
cg07291601	SLC22A18AS,SLC22A18,SLC22A18	0.607824	0.956976	1.05877	1.05877	0.188984	1.46236	1.46236	0.0770953	0.80906	0.80906	0.686912	1.53553	1.53553	0.528984	0.509103	-1.96424	0.987954	1.01611	1.01611	0.46934	2.1797	2.1797	0.693469	0.623356	-1.60771	0.791367	1.32396	1.32396	0.832121	14.7655	15.7728	1
gb20458829	MTA1	0.607826	0.680302	0.898535	-1.11292	0.634629	1.13159	1.13159	0.24641	0.731246	-1.36753	0.225538	1.3891	1.3891	0.0384244	0.899481	-1.11175	0.97178	0.990907	-1.00918	0.941034	1.01929	1.01929	0.913182	1.01858	1.01858	0.119452	6.644524	-1.54697	0.832118	0.878756	0.938708	1
cg14683036	MMAB;MVK;MVK	0.607826	0.721447	0.898183	-1.11336	0.136373	1.61827	1.61827	0.445691	1.2626	1.2626	0.971956	0.989511	-1.0106	0.277427	1.40328	1.40328	0.967276	1.01238	1.01238	0.354137	0.751303	-1.33102	0.246907	1.43788	1.43788	0.656655	1.14362	1.14362	0.832117	1.18572	1.26661	1
gb14074565	FHIT;FHIT	0.607834	0.985782	0.994915	-1.00512	0.528114	0.928422	-1.24231	0.278544	0.80402	-1.24388	0.903313	1.20983	1.20983	0.0933123	1.49996	1.49996	0.449266	1.08436	1.08436	0.723355	2.22643	2.22643	0.224527	0.020662	-4.96851	0.832106	2.52392	2.52392	0.832106	0.960651	0.960651	1
gb15631551	GSDMD;GSDMD	0.607844	0.470142	0.652311	-1.53301	0.940563	0.963886	-1.03747	0.387591	0.654055	1.52911	0.0384884	0.886372	-1.15424	0.125921	0.381798	-2.61919	0.194704	0.450395	-2.22027	0.434398	0.628907	-1.59006	0.114322	0.598638	-1.67058	0.715164	-1.39828	0.83209	4.45557	4.75971	1
cg11823214	NUP2;NUP2	0.607854	0.876316	1.05	1.05	0.502253	1.3294	1.3294	0.889567	1.02425	1.02425	0.175595	1.31436	1.31436	0.190172	1.30108	1.30108	0.856294	0.961581	-1.035	0.625856	1.09774	1.09774	0.813906	1.04992	1.04992	0.568863	1.32078	1.32078	0.832075	0.474684	0.507096	1
cg11534677	KBTBD2	0.607857	0.452511	1.45894	1.45894	0.333697	1.63725	1.63725	0.233785	1.84567	1.84567	0.850299	0.911194	-1.09746	0.381615	1.74009	1.74009	0.233069	1.85861	1.85861	?	?	?	0.2999	1.70161	1.70161	0.582984	0.76088	-1.31427	0.823338	2.74801	2.92044	1
gb20069407	SORL1	0.607887	0.67751	1.25523	1.25523	0.65053	1.28132	1.28132	0.30184	1.78858	1.78858	0.74372	0.836679	-1.1952	0.659156	1.58716	1.58716	0.260571	1.89234	1.89234	0.0638484	0.132075	3.10275	0.373138	0.64338	0.648714	0.96564	-1.03558	0.830224	3.89317	4.15925	1
cg11993230	FAM69C	0.607915	0.183755	0.805149	-1.58945	0.936052	0.987565	-1.01259	0.950922	0.982407	-1.01791	0.0664388	0.580464	-1.66753	0.541764	0.816314	-1.22501	0.450531	0.75176	-1.3304	0.645629	0.858865	-1.16433	0.352428	0.73021	-1.36947	0.793722	1.08992	1.08992	0.83176	1.42267	1.52	1
cg24011408	COL2A1;COL2A1	0.607942	0.192938	0.535392	-1.86779	0.263688	0.5896	-1.69607	0.699299	0.838623	-1.19243	0.296676	0.612249	-1.63332	0.273407	0.596412	-1.67669	0.657862	0.817017	-1.22397	0.419015	1.45414	1.45414	0.342543	0.641845	-1.55801	0.666571	1.21719	1.21719	0.83194	2.70898	2.89442	1
cg07190630	EXOSC10;EXOSC10	0.607943	0.856368	0.929301	-1.07608	0.815609	1.1013	1.1013	0.544267	0.779471	-1.28292	0.642573	1.08367	1.08367	0.0465321	0.998013	-1.51246	0.906736	0.953741	-1.0485	0.383482	1.43727	1.43727	0.972801	0.986361	-1.01383	0.815138	0.909694	-1.09927	0.831939	2.15182	2.29912	1
gb8615533	TSPAN9;TSPAN9	0.607964	0.952959	1.04398	1.04388	0.23535	2.47174	2.47174	0.27443	2.27892	2.27892	0.539166	1.57203	1.57203	0.166341	2.288021	-1.46116	0.900168	1.09562	1.09562	0.549219	1.55417	1.55417	0.726613	1.29098	1.29098	0.946468	0.952318	-1.05007	0.831906	6.97517	7.45205	1
cg19092167	MASP1;MASP1_MASP3	0.607964	0.238709	0.394467	-2.53507	0.9731	0.974902	-1.02574	0.996832	0.997012	-1.003	0.812383	1.19631	1.19631	0.113992	0.273586	-3.65516	0.891524	0.902254	-1.10834	0.857159	1.14547	1.14547	0.200986	0.361286	-2.76789	0.247709	0.402114	-2.48686	0.831906	7.48711	7.99995	1
cg14839618	PMAIP1	0.607967	0.488207	0.85051	-1.17577	0.528114	1.15832	1.15832	0.334527	1.25715	1.25715	0.180867	1.22957	1.22957	0.340202	1.34002	-1.24902	0.701961	1.00243	1.00243	0.97528	1.57696	1.57696	0.367902	1.06325	1.06325	0.995649	1.22143	1.22143	0.831902	0.696561	0.744277	1
cg05295023	SSH3	0.607997	0.317406	0.603893	-1.65592	0.397565	1.52668	1.52668	0.803315	1.12951	1.12951	0.689917	1.21617	1.21617	0.0854724	0.395447	-2.52878	0.670974	1.23187	1.23187	0.620489	1.62582	1.62582	0.705566	0.83091	-1.2035	0.662732	0.807215	-1.23883	0.831897	3.13777	3.35273	1
cg16498651	CCNE2	0.607999	0.129942	0.628389	1.37509	0.24625	0.623137	1.60526	0.623137	1.60526	0.623644	1.60461	0.623749	1.60453	0.623749	1.60453	0.623749	1.60453	0.623749	1.60453	0.623749	1.60453	0.623749	1.60453	0.842282	0.862307	-1.1596	0.622537	1.60453	0.888199	1.60453	0.623749	1.60453	0.831897	0.880725	1.14075	1.26	1
cg13332925	LOC100130691;AGPS	0.607973	0.829896	1.07811	1.07812	0.929583	0.96957	-1.03138	0.796701	0.931693	-1.09446	0.157779	0.589744	-1.69565	0.574532	0.820112	1.21935	0.420981	0.75019	-1.333	0.637874	0.847254	-1.18028	0.564152	1.2261	1.2261	0.0836499	0.512023	-1.95304	0.831893	1.61054	1.72089	1
cg04621654	RGL1	0.607976	0.616114	1.13363	1.13363	0.321843	1.28809	1.28809	0.767519	1.07696	1.07696	0.161013	1.44985	1.44985	0.55668	1.15893	1.15893	0.844864	1.04981	1.04981	0.131052	2.66795	-1.49858	0.764053	1.07707	1.07707	0.963027	1.01157	1.01157	0.831888	0.811103	0.866679	1
cg22031417	IFT52	0.607977	0.162956	0.622839	1.60529	0.219475	0.618475	1.61688	0.724039	0.780503	1.28122	0.125918	0.230215	2.31183	0.0282239	0.554934	1.80227	0.813585	1.1355	1.1355	0.58048	0.964283	-1.03704	0.474082	0.601162	-1.66354	0.828594	2.16007	2.16007	0.831886	6.43881	6.89001	1
gb5918715	SHSA2 ZDHHC16;ZDHHC16;EXOSC1;ZDHHC16;	0.608008	0.809623	1.26302	1.26302	0.749188	0.733202	1.36388	0.359655	0.402044	-2.48729	0.036134	0.0946454	-10.5658	0.791805	0.774179	-1.29169	0.929565	1.0893	1.0893	0.660084	0.651689	-1.53447	0.979068	0.974937	-1.02571	0.992711	1.00888	1.00888	0.831839	12.3317	13.1775	1
cg23426747	ZDHHC16;ZDHHC16	0.608061	0.972443	1.00487	1.00487	0.175107	1.22504	1.22504	0.553509	0.911516	-1.0988	0.373535	1.14928	1.14928	0.693383	0.945764	-1.05735	0.176712	0.817027	-1.22395	0.438921	1.1375	1.1375	0.955783	1.14919	1.14919	0.981738	1.00323	1.00323	0.831836	0.260879	0.278772	1
cg23227149	ACTN1	0.608021	0.429276	0.782394	-1.27813	0.262959	0.701237	-1.42609	0.119619	1.67128	1.67128	0.780012	0.91837	-1.08889	0.389585	0.7648	-1.30753	0.402413	0.770577	-1.29773	0.858756	1.05567	1.05567	0.702152	0.889714	-1.12396	0.907563	1.03596	1.03596	0.831819	1.21851	1.30211	1
cg18335176	TBCEL;TBCEL;TBCEL;TBCEL	0.608032	0.617245	1.10882	1.10882	0.447305	1.34427	1.34427	0.210937	1.57271	1.57271	0.135566	1.05566	1.05566	0.876554	0.873384	-1.14516	0.719581	1.11651	1.11651	0.340597	1.97659	1.97659	0.506201	0.915871	-1.09186	0.548309	1.12032	1.12032	0.831802	0.492466	0.51	1
cg20744943	CTXN3;CTXN3;CTXN3	0.608038	0.459107	0.787851	-1.26927	0.592572	1.18633	1.18633	0.216902	0.662997	-1.5083	0.0760496	0.535547	-1.86725	0.522214	0.814511	-1.22773	0.563363	0.831271	-1.20298	0.890319	1.04641	1.04641	0.955075	1.01798	1.01798	0.414521	0.768094	-1.30192	0.831792	1.31816	1.40864	1
gb19648853	HNRNPL;HNRNPL	0.608043	0.723584	1.09455	1.09455	0.379025	0.629137	1.58909	0.0761293	1.18592	1.18592	0.0555993	0.993385	1.00665	0.912911	1.09543	1.09543	0.870564	0.993385	1.00665	0.924233	1.08223	1.08223	0.383079	0.242402	1.10885	0.552887	1.80129	1.80129	0.831806	0.320576	0.342703	1
cg05628400	SSBP3;SSBP3;SSBP3	0.608048	0.209265	0.708686	-1.41106	0.846027	1.05189	1.05189	0.498579	1.19572	1.19572	0.346912	0.777241	-1.2866	0.809214	1.06496	1.06496	0.137419	1.51628	1.51628	0.865716	0.95692	-1.04502	0.830075	0.945617	-1.05751	0.504344	0.838381	-1.19278	0.831777	0.891797	0.95303	1
cg25098095	VTA1	0.608056	0.912446	1.0203	1.0203	0.771402	1.05467	1.05467	0.377229	0.846205	-1.182	0.977162	0.993417	-1.00663	0.0861592	1.41403	1.41403	0.354702	1.19002	1.19002	0.689118	1.07624	1.07624	0.850645	0.967164	-1.03174	0.246188	1.24806	1.24806	0.831765	0.439799	0.470004	1
gb13172060	RPTOR;RPTOR LMAN2L;LMAN2L;LMAN2L;LMAN2L;LM	0.608057	0.795951	1.08316	1.08316	0.621502	0.866346	1.15427	0.510708	0.825935	-1.21207	0.160027	0.924063	-1.08211	0.533258	0.876275	-1.14074	0.609946	1.1884	1.1884	0.239744	0.701255	-1.42602	0.298153	0.712515	1.17215	0.311525	0.739461	-1.35204	0.831764	1.0948	1.16999	1
cg13915892	AN2L;LMAN2L	0.608075	0.238009	1.61029	1.61029	0.430411	1.36372	1.36372	0.792363	1.10704	1.10704	0.353546	1.44473	1.44473	0.784312	1.11154	1.11154	0.328114	1.47561	1.47561	0.24105	0.623097	-1.60489	0.877777	0.942407	-1.06111	0.2225159	1.63974	1.63974	0.831736	1.95706	2.09154	1
cg23736355	KNG1;KNG1;KNG1	0.608089	0.948239	0.972264	-1.02853	0.729164	0.860202	-1.16252	0.974261	0.986119	-1.01408	0.303065	0.629909	-1.58753	0.789602	0.890596	-1.12284	0.549203	1.30026	1.30026	0.047041	0.373563	-2.67692	0.858355	0.925523	-1.08047	0.560054	0.746526	-1.33954	0.831715	2.47251	2.64248	1
cg03909097	XKR7	0.60809	0.504014	0.836066	-1.19608	0.65682	0.888626	-1.12533	0.974461	1.00849	1.00849	0.182586	0.688323	-1.45281	0.842934	1.05378	1.05378	0.142232	0.659292	-1.51678	0.30438	0.755126	-1.32428	0.943516	1.01889	1.01889	0.364482	1.27898	1.27898	0.831714	0.918457	0.981594	1
cg07334245	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.608093	0.434925	0.63119	-1.65785	0.199838	0.36185	0.36185	0.40354	1.72016	1.72016	0.987925	1.00965	1.00965	0.0396109	0.528186	-1.89327	0.275265	0.25497	0.25497	0.583961	1.42037	1.42037	0.880183	0.908721	-1.10045	0.454752	0.616831	-1.62119	0.831708	0.30413	0.56879	1
cg12734526	MAD2L1;MAD2L1;MAD2L1	0.608103	0.880618	1.06132	1.06132	0.406309	1.1997	1.1997	0.241067	1.16286	1.16286	0.442592	1.36031	1.36031	0.0127855	0.758903	-1.31775	0.857744	1.07691	1.07691	0.394584	1.53805	1.53805	0.797912	1.10096	1.10096	0.491801	0.758417	-1.31854	0.831685	2.066	2.2081	1
cg16296685	PPIG	0.608121	0.890783	0.974243	-1.02644	0.68882	0.926391	-1.07946	0.841535	0.962693	-1.03875	0.227911	1.27175	1.27175	0.540007	0.888841	-1.12506	0.333004	1.20885	1.20885	0.109816	0.718149	-1.39247	0.883624	0.972564	-1.02821	0.765194	1.05854	1.05854	0.831666	0.47518	0.507874	1
cg04766559	AAAP8	0.608125	0.152963	0.535642	-1.86859	0.196266	0.804058	-1.24369	0.407908	0.780807	-1.28095	0.0760496	0.410372	-2.43719	0.0838795	0.539156	-1.85441	0.216701	0.416926	0.169926	0.988394	0.806245	-1.24004	0.591166	0.806313	0.806313	0.841043	-1.16707	0.2182155	0.596994	-1.67506	0.831666	2.5422	2.5422	1
gb6684429	ROBO4	0.608126	0.422754	0.64852	-1.54229	0.432875	0.50447	1.56009	0.163877	0.733509	-1.36353	0.0547154	0.888602	-1.12539	0.0433759	0.388866	2.57366	0.609629	0.710676	1.70675	0.176075	0.170645	1.90394	1.90394	0.184136	0.211302	2.33838	0.155106	0.55105	0.760378	0.876784	1.45053	0.816353	0.56335	0.7439	1
cg15518622	QTRT1	0.608131	0.708247	0.722543	-1.384	0.258021	2.76836	2.76836	0.84812	0.847254	-1.18028	0.109267	0.220983	-4.52523	0.780638	0.785567	-1.27297	0.687341	0.704852	-1.41874	0.624059	1.53271	1.53271	0.375472	0.455506	-2.19536	0.337441	0.425314	-2.3512	0.831665	9.84391	10.5214	1
cg07452768	FLI1;DS7	0.608134	0.464988	0.800284	-1.24938	0.704166	1.18393	1.18393	0.191986	1.39662	-1.00435	0.870739	1.05	1.05	0.907447	0.867351	-1.15344	0.224102	1.46504	1.46504	0.0742151	2.09588	2.09588	0.652156	0.87403	-1.14413	0.84447	0.942854	-1.06061	0.831646	1.88222	2.26359	1
cg25100604	PCBP1	0.608147	0.467795	1.2497	1.2497	0.818645	0.933053	-1.07175	0.98631	1.00519	1.00519	0.344164	1.34178	1.34178	0.518566	1.2183	1.2183	0.894235	0.960663	-1.04095	0.0865315	0.564822	-1.77047	0.610816	1.16748	1.16748	0.448451	1.26247	1.26247	0.831626	1.19897	1.28153	1
cg11015531	ITGA6	0.608161	0.312368	0.552444	-1.88329	0.180175	0.919193	-1.24977	0.999891	0.99991	-1.00009	0.96501	0.971564	-1.02917	0.0978202	0.302852	-3.30194	0.304952	0.563844	-1.77354	0.26163	0.460285	-2.15943	0.442722	0.599737	-1.6673	0.086297	1.01136	1.01136	0.831607	5.69636	6.08874	1
cg23387213	CADPS2;CADPS2;CADPS2;RNF133	0.608171	0.324566	0.697574	-1.43356	0.457753	1.36934	1.36934	0.0411239	0.844398	-1.46114	0.132966	0.563341	-1.77512	0.394324	1.36188	1.36188	0.606233	0.818877	-1.2021	0.837228	1.08045	1.08045	0.645733	0.848857	-1.17805	0.595278	1.05491	1.05491	0.831606	0.82727	0.88519	1
cg02171718	MYT1L	0.608173	0.867408	1.03366	1.03366	0.942515	0.985814	-1.01439	0.888251	0.97253	-1.02825	0.312311	1.23006	1.23006	0.0726724	1.13532	1.13532	0.578645	1.11755	1.11755	0.053012	1.53787	1.53787	0.49836	0.87269	-1.14588	0.634913	1.0994	1.0994	0.831586	0.516929	0.552549	1
cg07602671	GRHL1	0.608178	0.677468	1.2478	1.2478	0.764626	1.08575	1.08575	0.689773	1.11651	1.11651	0.0377993	1.15064	1.15064	0.0615737	1.1122	1.1122	0.594162	1.09426	1.09426	0.781211	1.1122	1.1122	0.332	0.974442	1.07565	0.613394	1.01925	1.01925	0.368414	1.4231	1.62718	1.62559	1
cg19258183	YWASA;YWASA;YWASA	0.608179	0.257213	0.283327	-3.5295	0.228798	0.260002	-3.84612	0.206737	0.241652	-4.13819	0.298028	0.316457	-3.15999	0.155331	0.197552	-5.06196	0.453665	0.44303	-2.25718	0.180997	0.219857	-4.54842	0.499144	0.483076	-2.07867	0.456189	0.445123	-2.24657	0.831578	14.9819	16.0144	1
cg17263125	UCSC_RefGene_Name	0.608181	0.924316	0.92763	-1.07801	0.190754	0.99015	1.29015	0.448307	1.84215	1.84215	0.582298	0.644561	-1.55144	0.336176	0.448834	-2.228	0.49542	1.72852	1.72852	0.341578	0.468089	-2.1351	0.855655	0.862425	-1.15952	0.321657	0.464094	-2.24672	0.831575	8.23213	8.7995	1
cg19901191	ZBTB8A;ZBTB8A	0.608181	0.164636	0.24698	0.24698	0.895393	0.925022	-1.08106	0.953389	1.03524	1.03524	0.280095	1.94492	1.94492	0.156687	2.45351	2.45351	0.234004	2.09422	2.09422	0.595353	0.727911	-1.37379	0.972615	1.02055	1.02055	0.707117	0.737166	1.37166	0.831574	1.62299	4.94162	1
cg02377900	AGPAT6	0.608186	0.780284	0.755116	-1.3243	0.628493	0.612795	-1.63187	0.859453	1.19486	1.19486	0.730788	0.706857	-1.41471	0.106133	0.169899	-5.88584	0.137731	0.200792	-4.98029	0.377298	0.402542	-2.48421	0.599869	1.70179	1.70179	0.377008	0.402308	-2.48566	0.831566	13.2872	14.2031	1
cg21839620	KCTD4;CTF2F2	0.608199	0.825803	1.07401	1.07401	0.274487	1.27148	1.27148	0.38381	1.36379	1.36379	0.0997382	1.10971	1.10971	0.171267	1.36379	1.36379	0.629353	1.09742	1.09742	0.0979552	1.50459	1.50459	0.457691	1.17478	1.17478	0.935103	0.982804	-1.01745	0.831546	0.597481	0.638622	1
cg20114524	DPCR1	0.6082	0.084507	0.203126	-4.32852	0.938377	1.0607	1.0607	0.608657	0.627655	-1.48665	0.918861	0.509863	-1.96131	0.344821	0.473712	-2.11099	0.59675	0.663647	-1.50682	0.969267	1.03003	1.03003	0.398062	0.514576	-1.94335	0.141987	0.297512	-3.36121	0.831546	7.76534	8.30084	1
cg20897136	DDIT4	0.608205	0.880116	0.96723	-1.04034	0.838238	0.950202	-1.05155	0.8154	1.17257	1.17257	0.202965	0.895239	-1.11696	0.614383	1.17314	1.17314	0.950923	1.01953	1.01953	0.8206	0.799632	-1.26203	0.872782	0.697358	-1.43402	0.130358	0.4012	-2.49318	0.831514	0.290287	0.310648	1
cg25790695	TFB1M;TFB1M	0.608205	0.282948	1.22862	1.22862	0.517874	0.886046	-1.12861	0.716932	1.06951	1.06951	0.667393	1.08305	1.08305	0.487553	1.13902	1.13902	0.228644	1.792017	1.2626	0.163528	0.760008	-1.31578	0.832072	1.03997	1.03997	0.927887	0.983433	-1.01685	0.831537	0.448548	0.479485	1
cg10154826	FAM8A1	0.608216	0.495207	1.7266	1.7266	0.450692	0.545494	-1.8332	0.299624	0.4284	-2.33427	0.839254	1.1737	1.1737	0.203567	0.347049	-2.88144	0.487795	1.74347	1.74347	0.446157	0.540258	-1.84482	0.662224	0.710196	-1.40806	0.303243	2.31851	2.31851	0.831521	8.18978	8.7548	1
cg21174254	LIMBTL1;LIMBTL3	0.608226	0.693126	0.854453	-1.17071	0.733303	0.857107	-1.16657	0.797	0.863795	-1.15764	0.188168	0.82118	1.2115	0.187834	1.503	-1.98807	0.930731	0.760819	-1.31429	0.307178	1.28651	1.28651	0.777824	0.958026	-1.04283	0.40062	0.715157	-1.40545	0.831506	3.11173	3.32647	1
cg25708861	CHPF	0.608236	0.896412	0.934637	-1.06993	0.843744	1.10784	1.10784	0.287991	0.564126	-1.77265	0.316005	1.71257	1.71257	0.209038	0.502989	-1.98811	0.282395	1.78548	1.78548	0.34979	0.606853	-1.64785	0.798286	1.14214	1.14214	0.888822	1.07529	1.07529	0.831491	3.54655	3.79137	1
cg11952839	NXNL2 MECOM;MECOM;MECOM;MECOM;M	0.608237	0.140387	0.708226	-1.41118	0.787246	0.941473	-1.06217	0.418306	0.835605	-1.19674	0.760531	0.955772	-1.06864	0.426124	0.838223	-1.193	0.73239	1.07738	1.07738	0.168156	1.37567	1.37567	0.883152	0.968568	-1.03245	0.514442	0.866266	-1.15438	0.831488	0.620999	0.663869	1
gb6238409	ECOM;MECOM	0.608254	0.516582	0.797244	-1.25432

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg05141870	MIR421;CCDC55		0.668757	1.193931	0.270124	1.62439	0.62439	0.523366	0.7660906	-1.31422	0.510626	1.31756	1.31756	0.655602	1.20883	1.20883	0.448979	1.38538	0.186056	1.88348	0.18348	0.159067	1.88865	1.88865	0.261391	1.64022	0.8306696	2.34831	2.51282	1
cg12338127	CHST10		0.608764	0.864802	0.958439	-1.04336	0.0792604	0.610645	-1.63761	0.355456	0.788383	-1.26842	0.540916	0.856884	-1.16702	0.665726	1.11445	1.11445	0.211142	0.718369	-1.39204	0.836189	0.940729	-1.05293	0.722781	1.09283	0.09283	0.551808	0.860533	-1.16203	0.85201	0.803009	0.8030809	0.748046	1
cg20890440	FER1L6		0.608766	0.334938	0.712868	-1.40278	0.998066	0.999175	-1.00083	0.110272	0.552994	-1.80834	0.312814	0.700923	-1.42669	0.203186	0.63305	-1.57966	0.687137	1.15068	1.15068	0.985954	1.00601	1.00601	0.758945	0.900536	-1.11045	0.288653	0.687342	-1.45488	0.83068	1.52418	1.63098	1
cg04983519	DHMT2;FAHMT2		0.608787	0.25966	0.798232	-1.25277	0.5314467	0.129167	1.12919	0.526806	0.884353	-1.13077	0.146459	0.767126	-1.34814	0.698798	0.928121	-1.07737	0.167862	0.754501	-1.3258	0.896013	1.02538	1.02538	0.679405	0.829436	-1.08289	0.296248	0.812556	-1.23068	0.830674	0.483218	0.517083	1
cg09099242	MMRN2		0.608779	0.868086	1.11072	1.11072	0.124069	0.283554	0.286354	0.338972	1.86379	1.86379	0.1774	0.247332	0.247332	0.538541	0.674781	-1.48196	0.74178	0.811496	-1.23229	0.381997	1.76188	0.422866	1.67721	1.67721	0.764497	1.209	1.209	0.83066	1.52486	0.549291	0.5167911	1
cg16246252	PVRL1;PVRL1		0.608788	0.21726	1.55243	1.55243	0.844083	1.008999	1.008999	0.302545	1.43598	1.43598	0.3694	1.3666	1.3666	0.10131	1.8365	1.8365	0.233009	1.52759	1.52759	0.231754	1.52951	1.52951	0.608678	1.19119	1.19119	0.770669	1.1041	1.1041	0.830646	1.51013	1.61682	1
cg05612876	KRT4		0.608796	0.633046	0.865782	-1.15503	0.833977	1.06491	1.06491	0.64492	1.14917	1.14917	0.451528	0.794667	-1.25839	0.294488	0.721965	-1.38511	0.75148	0.910178	-1.09869	0.184366	1.52483	1.52483	0.16823	0.644052	-1.55267	0.702958	0.891548	-1.12164	0.830634	1.18102	1.26385	1
cg01040401	MIR7-3;C19orf30		0.608798	?	?	?	0.554814	0.846597	-1.18199	0.83952	1.39206	1.39206	?	?	?	?	?	?	?	?	?	0.664105	0.8769441	-1.14012	0.586913	1.16591	1.16591	0.321087	1.33357	1.33357	0.754608	0.507402	0.941367	1
cg25565276	FAR5B		0.6088	0.207828	1.363	1.363	0.648514	0.841991	-1.18766	0.742426	1.07994	1.07994	0.72786	1.08319	1.08319	0.400434	1.20665	1.20665	0.847366	0.95606	-1.04596	0.313679	1.26177	1.26177	0.252368	1.32155	1.32155	0.296442	0.776903	1.28716	0.830629	0.715318	0.765491	1
cg10083464	CACNA1H;CACNA1H		0.608806	0.524913	0.642014	-1.5576	0.3417201	1.96178	1.96178	0.48687	1.62563	1.62563	0.416938	0.565187	-1.76933	0.136195	0.331425	-3.01728	0.898125	0.915668	-1.0921	0.29904	0.476962	-2.0966	0.845752	1.14335	1.14335	0.669916	1.34303	1.34303	0.830619	0.2234	0.65999	1
cg24027263	ATXN7;ATXN7		0.608814	0.81001	1.13931	1.11721	0.097268	0.248	1.81868	0.124548	1.4411	1.4411	0.815705	0.88913	-1.12442	0.301202	1.63714	1.63714	0.720893	1.1795	1.1795	0.154454	2.19794	2.19794	0.928564	1.04211	1.04211	0.50427	1.36594	1.36594	0.830606	2.78586	2.98134	1
cg14240963	EIF3D		0.608823	0.420658	0.692561	-1.44392	0.8084994	0.928894	-1.07655	0.984748	1.00857	1.00857	0.659986	1.21903	1.21903	0.334294	0.64105	-1.55994	0.219257	0.561641	-1.7805	0.455968	2.04774	2.04774	0.754734	1.502	1.502	0.58973	1.27517	1.27517	0.830593	2.62289	2.80698	1
cg19591352	ABCG5		0.608829	0.49834	0.763227	-1.31195	0.3020881	1.52544	1.52544	0.646253	1.20026	1.20026	0.246962	0.619154	-1.61313	0.84031	0.923403	-1.08295	0.981583	1.00836	1.00836	0.154135	0.547396	-1.82683	0.462267	1.3439	1.3439	0.703407	1.1631	1.1631	0.830583	2.05222	2.19929	1
cg17183215	SII		0.608838	0.964583	0.948703	-1.05407	0.5591469	12.5152	12.5152	0.186106	2.57246	2.57246	0.856588	0.806913	-1.23929	0.996508	0.994823	-1.0052	0.974041	1.03795	1.03795	0.978574	0.968552	-1.03236	0.875414	1.20451	1.20451	0.623972	0.556563	-1.79674	0.83057	18.5017	19.80038	1
cg01920603	TUBA8		0.608851	0.659409	0.734259	-1.36192	0.199794	2.56862	2.56862	0.133462	3.08735	3.08735	0.906718	0.921603	-1.08507	0.274235	0.452783	2.20856	0.767512	1.229933	1.229933	0.708506	0.76985	-1.29895	0.92025	0.932631	-1.07224	0.705594	0.764078	-1.30877	0.830549	6.38029	6.82846	1
cg08186124	LTTFL1		0.608852	0.862871	0.945893	-1.0572	0.849153	0.940572	-1.06318	0.166375	1.60774	1.60774	0.484357	1.2602	1.2602	0.256092	0.505856	1.97756	0.240501	0.847639	-1.17975	0.215947	0.657691	-1.52047	0.53078	1.22668	1.22668	0.838329	0.749884	-1.33354	0.830549	1.36189	1.45756	1
cg02299360	BTG2		0.608854	0.261018	0.672562	-1.48685	0.2177223	0.644824	-1.55081	0.190788	0.625778	-1.59801	0.331111	0.712254	-1.40399	0.594426	0.833732	-1.19943	0.670778	0.865293	-1.15568	0.277706	0.682511	-1.46518	0.110038	0.554661	-1.8029	0.565135	0.82138	-1.21746	0.830546	1.50614	1.61195	1
cg03576807	MAPKBP1;MAPKBP3		0.608858	0.610788	1.51998	1.51998	0.456983	1.855097	1.855097	0.053869	5.96227	5.96227	0.67181	1.415569	1.415569	0.986328	0.98612	-1.01408	0.450097	1.87343	1.87343	0.262297	2.59465	2.59465	0.266575	2.57085	2.57085	0.60797	1.72953	1.72953	0.830539	8.75278	9.36771	1
cg29354546	ZNF470		0.608872	0.494624	0.870143	-1.14924	0.3569683	0.827585	-1.20798	0.897881	1.02557	1.02557	0.705691	0.926883	-1.07877	0.88364	1.02981	1.02981	0.0557339	0.647425	-1.54458	0.445933	0.855706	-1.16863	0.945521	0.822603	-1.21565	0.748184	1.06673	1.06673	0.830517	0.529115	0.566303	1
cg00184203	FAM171B		0.608883	0.589106	1.30298	1.30298	0.763818	0.863944	-1.15748	0.5381	1.3533	1.3533	0.856181	1.09204	1.09204	0.807398	0.88822	-1.12585	0.693291	1.21285	1.21285	0.165951	0.488218	-2.04826	0.320915	0.607919	-1.64496	0.177046	2.00641	2.00641	0.8305	3.09805	3.31586	1
cg17354190	GRIN2C		0.608887	0.315165	1.93414	1.93414	0.737377	0.883284	-1.13227	0.414351	0.605937	-1.6613	0.876015	1.10425	1.10425	0.209006	0.431237	-2.31891	0.883284	1.09779	1.09779	0.513073	1.52915	1.52915	0.176611	2.40745	2.40745	0.249013	2.49013	2.49013	0.550619	1.40745	1.40745	0.830498	5.50588	5.67898	1
cg23268892	HSP90AA1;HSP90AA1;HSP90AA1		0.608896	0.189061	2.41713	2.41713	0.861603	1.117202	1.117202	0.350923	1.83859	1.83859	0.884774	1.093009	1.093009	0.173595	2.20924	2.20924	0.820099	1.155445	1.155445	0.491355	1.55795	1.55795	0.173595	2.50524	2.50524	0.837128	0.877595	-1.13948	0.830482	3.29247	5.66469	1
cg25443264	CD81		0.608905	0.427534	0.728327	1.283527	0.858502	1.66339	1.66339	0.102933	1.94239	1.94239	0.556515	0.949555	-1.05326	0.217604	0.790394	0.715015	0.349857	-2.85576	0.798304	0.665055	1.39857	1.39857	0.315169	0.972525	-1.02798	0.887765	0.507945	0.415145	-2.40488	0.830468	2.47494	2.61007	1
cg16250856	ZNF26;ZNF26		0.608915	0.736636	-1.95613	-1.04535	0.752484	1.04245	1.04245	0.992413	1.00125	1.00125	0.476926	0.909341	-1.0997	0.631387	0.938453	1.06558	0.357937	1.13228	1.13228	0.077396	0.77261	-1.29431	0.439267	1.10922	1.10922	0.808638	1.0324	1.0324	0.830453	0.227123	0.243105	1
cg19957032	C14orf166		0.608922	0.868892	1.05309	1.05309	0.953103	0.980955	-1.01932	0.137924	1.64904	1.64904	0.188303	1.54726	1.54726	0.598255	0.846622	-1.18116	0.238271	1.47222	1.47222	0.295441	1.40456	1.40456	0.798523	0.923033	-1.08338	0.756878	1.10212	1.10212	0.410442	1.28944	1.38019	1
cg25758195	STX3C		0.608934	0.288615	2.38551	2.38551	-1.87511	0.888869	4.3972	-1.4972	0.180114	1.44492	1.44492	0.522468	1.65744	1.65744	0.177997	1.93564	0.0770403	1.24975	1.24975	0.719897	1.32855	1.32855	0.441291	1.3428	1.3428	0.815682	1.20236	1.20236	0.830414	8.19196	8.76881	1
cg15443907	ABCG2		0.608943	0.571564	0.818073	-1.22239	0.0870271	0.514924	-1.94205	0.40823	0.742964	-1.34596	0.850305	0.935794	-1.06861	0.643282	0.84891	-1.17798	0.809665	0.91874	-1.08845	0.257395	1.51458	1.51458	0.719343	0.880964	-1.13512	0.353347	0.715043	-1.39852	0.830409	1.62246	1.73671	1
cg19301681	EIF2C2;EIF2C2		0.608953	0.214931	0.509061	-1.75501	0.1797045	1.84607	1.84607	0.624387	1.23715	1.23715	0.499706	0.744242	-1.34365	0.798982	0.895888	-1.11631	0.45097	1.87343	1.87343	0.262297	2.59465	2.59465	0.266575	2.57085	2.57085	0.60797	1.72953	1.72953	0.830539	8.75278	9.36771	1
cg23003534	INA		0.608956	0.776267	1.05795	1.05795	0.586278	0.89704	-1.11478	0.341861	0.823955	-1.21366	0.923001	1.0193	1.0193	0.750818	0.938951	1.06502	0.682722	0.921956	1.08465	0.851601	0.963649	-1.03772	0.0806779	1.46671	1.46671	0.344187	1.21236	1.21236	0.83039	0.514127	0.550346	1
cg10975913	KIAA0195		0.608976	0.891864	1.02831	1.02832	0.571279	0.889172	-1.12464	0.339593	0.817036	-1.22394	0.32065	1.23451	1.23451	0.384507	1.20088	1.20088	0.953547	0.988111	-1.01203	0.699388	0.923429	-1.08292	0.115529	0.703806	-1.42085	0.554153	0.884397	-1.13071	0.830359	0.554313	0.593386	1
cg16650096	MAML3		0.608987	0.784621	1.27464	1.27464	0.778372	0.882241	-1.13348	0.216672	2.52501	2.52501	0.913613	0.963445	-1.03795	0.824241	1.21253	1.21253	0.662972	1.50865	1.50865	0.663211	0.450353	-2.21703	0.780233	0.819245	-1.22064	0.620757	0.700823	-1.42689	0.830343	0.508588	0.537888	1
cg01664310	NAT10;NAT10		0.609002	0.63635	0.918207	-1.08908	0.252557	0.807244	-1.23878	0.920741	0.982326	-1.01799	0.202153	0.785619	-1.27288	0.428392	0.865144	-1.15588	0.354859	0.843216	-1.18594	0.505274	0.885928	-1.12876	0.909617	0.979859	-1.02056	0.198778	1.2753	1.2753	0.830319	0.42215	0.451928	1
cg00737570	GBB2;GBB2		0.609005	0.427534	0.728327	1.283527	0.858502	1.66339	1.66339	0.102933	1.94239	1.94239	0.556515	0.949555	-1.05326	0.217604	0.790394	0.715015	0.349857	-2.85576	0.798304	0.665055	1.39857	1.39857	0.315169	0.972525	-1.02798	0.887765	0.507945	0.415145	-2.40488	0.830468	2.47494	2.61007	1
cg13894301	KLF4		0.609005	0.411946	1.44926	1.44926	0.468117	0.72143	-1.38614	0.277391	1.64813	1.64813	0.688165	0.836569	-1.19536	0.76148	1.14414	1.14414	0.349222	2.65297	-1.53146	0.361217	1.51458	1.51458	0.223296	1.76112	1.76112	0.426599	1.43197	1.43197	0.830355	2.57259	2.75407	1
cg21331791	MCF2L;MCF2L		0.609015	0.62725	0.633972	-1.57736	0.339661	2.5006	2.5006	0.174133	1.84386	1.84386	0.692396	1.448159	1.448159	0.162721	0.249601	-4.0064	0.643327	0.647682	-1.54397	0.494736	1.90739	1.90739	0.991876	0.990562	-1.00953	0.970332	0.965956	-1.03524	0.830314	11.4063	12.2109	1
cg15944538	MAD1L1;MAD1L1;MAD1L1		0.609026	0.325448	0.78222	1.28317	0.885237	0.885002	1.66339	0.102933	1.94239	1.94239	0.556515	0.949555	-1.05326	0.217604	0.790394	0.715015	0.349857	-2.85576	0.798304	0.665055	1.39857	1.39857	0.315169	0.972525	-1.02798	0.887765	0.507945	0.415145	-2.40488	0.830468	2.47494	2.61007	1
cg18814844	PTCHD2		0.609024	0.436506	0.593547	-1.68479	0.795315	0.843374	-1.18571	0.0896248	0.28801	-3.4721	0.83588	1.14561	1.14561	0.180179	0.390193	-2.56284	0.409165	0.574111	-1.74182	0.823491	0.863761	-1.15773	0.275383	0.473339	-2.11265	0.357124	0.536262	-1.86476	0.834598	5.55394	5.71582	1
cg06579345	FAM45B;FAM45A		0.609031	0.854543	1.06955	1.06955	0.574025	0.74551	-1.45051	0.223352	1.33172	1.33172	?	?	?	?	?	?	0.334384	1.91931	1.91931	0.447309	1.65987	1.65987	?	?	?	0.45836	0.608887	1.65986	1.65986	0.830308	4.42273	6.03706	1
cg18430255	GRK5		0.609041	0.387687	0.782676	-1.27767	0.284862	1.35994	1.35994	0.218215	0.698759	-1.43111	0.659422	0.884493	-1.13059	0.629758	0.874213	-1.14389	0.357614	1.769645	-1.2993	0.28531	1.35953	1.35953	0.69486	1.11332	1.11332	0.780175	0.925488	-1.08051	0.83026	1.00718	1.0783	1
cg21205713	SRSF3		0.609061	0.650452	1.29201	1.29201	0.983165	1.01192	1.01192	0.786841	1.16443	1.16443	0.153059	2.36167	2.36167	0.650375	0.773937	-1.29209	0.709781	1.23162	1.23162	0.444781	0.645643	-1.54884	0.1048	2.71025	2.71025	0.531966	1.42697	1.42697	0.830229	4.14757	4.44062	1
cg06436663	MEOX1;MEOX1;MEOX1		0.609062	0.79052	1.48709	-1.85476	0.559408	1.84607	1.84607	0.624387	1.23715	1.23715	0.499706	0.744242	-1.34365	0.798982	0.895888	-1.11631	0.51097	1.87606	-1.4285	0.122423	1.39827	1.39827	0.264189	1.80421	-1.24345	0.716603	1.07574	1.07574	0.830218	0.527361	0.564629	1
cg12214665	TNFAIP3		0.609085	0.175956	0.763839	-1.30918	0.788103	0.05173	0.05173	0.320455	0.82514	-1.21192	0.583665	0.901567	-1.10918	0.394644	0.849394	-1.17731	0.864653	0.968563	-1.03246	0.738075	0.806935	-1.23513	0.816067	1.04459	1.04459	0.259591	1.24631	1.24631	0.830192	0.460896	0.493482	1
cg27121781	ZNF251		0.609089	0.176874	1.40857	1.40857	0.0855	0.866	1.86568	0.64591	1.36501	1.36501	0.4855	0.97011	0.97011	0.943708	0.97515	-1.02557	0.740305	1.39143	1.72133	1.17311	0.890492	1.12514	1.08291	0.9196454	1.08741	0.314286	0.525347	-1.9035	0.9505947	1.03484	1.08454	1
cg26972408	ARHGEF10		0.609099	0.270165	2.57888	2.57888	0.184132	0.1978	2.1978	0.07656186	5.07852	5.07852	0.831437	1.19229	1.19229	0.818176	1.20925	1.20925	0.410113	2.00375	2.00375	0.279714	2.52745	2.52745	0.612177	1.52474	1.52474	0.490297	1.78276	1.78276	0.83017	8.95096	9.58406	1
cg08090359	ITGA6		0.609115	0.726418	0.597328	-1.67434	0.1289274	2.55102	2.55102	0.100321	0.737858	1.31111	0.361474	1.38512	1.38512	0.302102	0.736844	-1.35768	0.970344	0.980767	-1.01961	0.857506	0.946484	-1.05648	0.894988	0.952152	-1.04987	0.831914	0.822972	1.27292	0.814247	0.732705	0.784552	1
cg22821606	C11orf67;RSF1		0.609119	0.274078	0.97808	0.87808	0.587006	0.69197	1.69197	0.72359	1.69197	1.69197	0.72359	1.69197	1.69197	0.72359	1.69197	0.569386	1.73564	1.73564	0.120183	1.64128	0.645128	1.97299	1.97299	0.292002	-1.42466	0.894756	0.880812	-1.13532	0.830188	0.887288	0.917438	1
cg26305174	SLC12A6;TRIP6		0.609136	0.275059	0.400208	-2.4987	0.427323	0.52018	-1.92241	0.979272	1.02117	1.02117	0.449656	0.537272	-1.86125	0.192649	0.328916	-3.04029	0.274825	0.400015	-2.49991	0.17237	0.309959	-3.22623	0.146872	0.284921	-3.50974	0.53474	0.6023	-1.6603	0.830114	8.55014	9.15552	1
cg15147878	GPAA1		0.609141	0.560244	0.845389	-1.18345	0.201571	1.47617	1.47617	0.350604	0.843147	-1.18603	0.177175	0.860892	-1.16118	0.513118	0.859783	-1.24388	0.304506	0.735616	1.3594	0.457809	0.803852	-1.24401	0.187107	0.70042	-1.4275	0.0641	0.106	-1.58107	0.2064	0.11405	0.17745	1
cg27220617	ZNF174;ZNF474;ZNF174;ZNF174;ZNF17		0.609153	0.756429	0.875231	-1.14256	0.24894	1.67561	1.67561	0.239405	1.69711	1.69711	0.51158	1.32997	1.32997	0.718058	0.856155	-1.16801	0.459134	1.38107	1.38107	0.203596	0.564253	-1.77234	0.439586	1.40163	1.40163	0.630291	1.23088	1.23088	0.830091	2.41197	2.58382	1
cg05790013	4		0.609159	0.727773	0.876378	-1.14106	0.0484443	2.34292	2.34292	0.854861	0.933193	-1.07159	0.957901	0.980264	-1.02013	0.933671	1.03193	1.03193	0.710048	0.86847	-1.15145	0.754493	0.888289	-1.12576	0.534352	0.788493	-1.26824	0.514799	0.77925	-1.28329	0.830088	1.8746	2.00739	1
cg11887867	LRP11		0.609163	0.727773	0.876378	-1.14106	0.0484443	2.34292	2.34292	0.854861	0.933193	-1.07159	0.957901	0.980264	-1.02013	0.933671	1.03193	1.03193	0.710048	0.86847	-1.15145	0.754493	0.888289	-1.12576	0.534352	0.788493	-1.26824	0.514799	0.77925	-1.28329	0.830088	1.8746	2.00739	1
cg12956079	HLF;LIF3;LOC147727;ILF3;ILF3;LF3		0.609163	?	?	?	0.352865	2.50686	2.50686	0.225161	0.290774	-3.49309	0.762581	1.40143	1.40143	?	?	?	?	?	?	0.515853	0.530801	-1.88394	0.738571	0.724695	-1.37989	0.749117	6.09171	13.011	1
cg21770436	C11orf75		0.609176	0.844614	0.716714	1.396574	0.435435	1.55099	1.55099	0.319494	0.947237	-1.05576	0.878643	0.941721	-1.06189	0.787679	0.882541	-1.13309	0.505853	1.36679	1.36679	0.473877	1.40094	1.40094	0.760764	1.19403	1.19403	0.157143	0.496431	-2.01438	0.830063	2.16851	2.40161	1
cg26835683	PEA15		0.609177	0.673757	0.777344	-1.28643	0.542565	0.69305	-1.4429	0.507296	1.49205	1.49205	0.564004	1.41472	1.41472	0.494607	0.661957	-1.51067	0.190524	0.438419	-2.28092	0.395631	0.596025	-1.67778	0.157085	0.406519	-2.45991	0.598749	1.37143	1.37143	0.830052	4.65151	4.98122	1
cg04809181	MCF2L		0.609183	0.497539	0.682775	-1.46459	0.0861012	2.80012	2.80012	0.560399	0.727514	-1.37523	0.288877	0.55066	-1.816	0.624987	0.76203	-1.31228	0.570625	0.727004	-1.37381	0.660738	1.26838	1.26838	0.760881	0.849118	-1.17908	0.9348	1.04638	1.04638	0.830046	4.03643	4.32258	1
cg02772880	HYDIN;HYDIN		0.609183	0.508715	4.2076	4.2076	0.734606	0.482243	-2.07364	0.550575	0.27406	-3.64883	0.827031	0.625598	-1.59847	0.659815	0.386969	-2.58418	0.101599	0.021495	-46.5995	0.14861	0.0361293	-27.6784	0.567468	3.45126	3.45126	0.814658	0.604521	-1.6542	0.830043	40.3925	64.674	1
cg06829681	TEAD1		0.609193	0.774809	0.812071	-1.23142	0.0965911	0.229801	-4.35159	0.935002	0.942524	-1.06098	0.697679	1.3275	1.3275	0.36515	0.509009	-1.9646	0.366026	0.509671	-1.96205	0.354827	0.501179	-1.99529	0.37243	0.514503	-1.94362	0.737792	1.27614	1.27614	0.830027	6.9236	7.41459	1
cg08184218	SLC12A1;SLC25A21		0.609194	0.854753	1.06955	1.06955	0.574025	0.74551	-1.45051	0.223352	1.33172	1.33172	?	?	?	?	?	?	0.334384	1.91931	1.91931	0.447309	1.65987	1.65987	?	?	?	0.45836	0.608887	1.65986	1.65986	0.830308	4.42273	6.03706	1
cg17744375	SDK1;SDK1 PPP2RSC;PPP2RSC;PPP2RSC;PPP2RSC;P		0.609209	0.341676	1.33469	1.33469	0.566996	1.19128	1.19128	0.190063	1.50523	1.50523	0.367141	1.31388	1.31388	0.707707	0.894953	1.11738	0.405997	1.28467	1.28467	0.207261	0.675786	-1.47976	0.930209	0.974519	-1.02615	0.635471	1.15109	1.15109	0.83004	1.14136	1.22234	1
cg02220617	PP2RSC		0.609213	0.290735	0.560518	-1.78406	0.397407	1.58014	1.58014	0.291409	1.78251	1.78251	0.570548	1.35347	1.35347	0.561696	0.733589	-1.36316	0.658721	0.790817	-1.26452	0.421699	0.648325	-1.54244	0.246571	1.89604	1.89604	0.690134	0.8093	-1.23563	0.829997	3.66456	3.92458	1
cg22359535	MGC2752		0.609219	0.223919	0.509965	-1.96092	0.804912	0.877715	-1.13932	0.62433	1.29712	1.29712	0.633458	0.776305	-1.28815	?	?	?	?	?	?	0.310011	0.574828	-1.73965	0.263499	1.84849	1.84849	0.800339	2.73769	3.91079	1
cg18245586	ARHGAP26;ARHGAP26		0.609221	0.939316	1.07475	1.07475	0.18784	2.91654	2.91654	0.21403	3.03064	3.03064	0.914253	0.968663	-1.03253	0.729229	0.42017	-2.37999	0.907064	1.02326	1.02326	0.941999	1.0577	1.0577	0.875514	1.07553	1.07553	0.926863	0.764721	-1.30767	0.829985	7.8313	8.36566	1
cg02836941	PPARGC1A		0.609226	0.741188	0.826426	-1.21003	0.444219	1.56619	1.56619	0.211602	2.13174	2.13174	0.091615	0.912632	2.91037	2.91037	0.975605	0.982565	-1.01774	0.619599	0.749878	-1.33355	0.565716	0.716077	-1.3965	0.90687	0.9349	-1.06963	0.932385	1.36459	1.36459	0.829978	4.349	4.65769	1
cg25810054	COBLL1		0.609234	0.551639	0.784669	-1.27455	0.972537	1.00433	-1.00443	0.925969	1.02301	1.02301	0.727333	1.07333	1.07333	0.622491	0.912841	1.12841	0.844658	1.04833	1.04833	0.172166	1.07373	1.07373	0.824218	1.21024	1.21024

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07122553	TNX8		0.974399	0.990639	-1.00945	0.251558	1.42059	1.42059	0.224859	0.688235	-1.45299	0.886835	1.04463	1.04463	1.318934	0.749099	1.13494	1.13494	0.892297	1.03896	1.03896	0.611242	1.15211	1.15211	0.168203	0.650251	-1.53787	0.871218	0.953564	-1.0487	0.829228	1.12808	1.20924	1
cg02360578	CCR7		0.609724	0.238164	0.331079	-3.02043	0.35121	0.423848	-2.35933	0.691189	1.42935	1.42935	0.450756	1.98868	1.98868	0.31741	2.5209	2.5209	0.17774	0.277659	-3.60154	0.880143	1.14453	1.14453	0.976063	1.02721	1.02721	0.744564	0.746403	-1.33976	0.829216	0.10516	11.2681	1
cg15383338	ZNF219;ZNF219;ZNF215		0.60974	0.341712	0.771706	-1.29583	0.107729	1.59092	1.59092	0.279736	1.34615	1.34615	0.595132	1.15244	1.15244	0.571053	0.859471	-1.16351		0.704976	1.10586	1.10586	0.744645	0.917179	-1.0903	0.900414	1.03367	1.03367	0.61662	0.875008	-1.14285	0.829192	0.918932	0.98509	1
cg04443324	FAT2		0.968359	0.962917	-1.03851	0.133997	1.46666	1.46666	0.192949	1.7851	1.73851	1.73851	0.797939	1.08544	1.08544	-1.27704	0.560883	0.570027	-1.75154		0.882898	0.868931	-1.15084	0.860048	1.1832	1.1832	0.428927	0.463317	-2.15939	0.414475	0.451574	-2.21366	0.829175	1.91938	12.7911	1
cg07222505	FAM169A /PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PT		0.609751	0.693944	1.43577	1.43577	0.559118	0.582598	-1.71645	?	?	?	0.587177	1.65097	0.612344	0.804521	-1.24298		0.943694	0.937442	-1.06673	0.0903676	0.181466	-5.51068	0.265699	0.346195	-2.88854	0.421593	0.74199	-2.11891	0.815905	0.60755	11.7753	1
cg16626387	CH1;PTCH1		0.609753	0.389247	0.843486	-1.18556	0.296186	0.811428	-1.23239	0.930222	1.01704	1.01704	0.524717	0.88307	-1.13241	0.818089	0.956529	-1.04545		0.300102	0.812898	-1.23017	0.465994	0.866652	-1.15387	0.240264	1.26768	1.26768	0.338472	1.20966	1.20966	0.829172	0.48871	0.523907	1
cg08612187	ANKRD42 /CSorf13;CSorf13;CSorf13;CSorf13;CSor f13;CSorf13;CSorf13;CSorf13;CSorf13;CSorf13;		0.609768	0.618967	1.17884	1.17884	0.405401	0.756264	-1.32229	0.887186	0.53885	-1.85581	0.399524	0.753488	-1.32716	0.58351	0.746946	-1.33879		0.900528	0.959792	-1.04189	0.94595	0.977995	-1.0225	0.510247	1.24507	1.24507	0.601579	1.18873	1.18873	0.829115	1.41434	1.51624	1
qb0695317	CSorf13;CSorf13		0.609775	0.96415	0.98976	-1.01035	0.915234	1.02468	1.02468	0.511483	1.16474	1.16474	0.881786	0.966497	-1.03466	0.543047	0.868501	-1.15141		0.193316	1.37059	1.37059	0.366513	0.808597	-1.23671	0.585926	0.881641	-1.13425	0.140828	1.4373	1.4373	0.829138	0.688688	0.738318	1
cg26889647	CLK1;CLK1;CLK1;CLK1;CLK1		0.609778	0.459732	1.91958	1.91958	0.83507	-1.19675	0.838314	1.19238	1.19238	0.846725	1.66593	1.66593	0.679427	1.43103	1.43103		0.858154	0.954133	-1.04807	0.100725	0.623858	-1.60293	0.991135	0.997088	-1.00292	0.538473	0.849202	-1.17758	0.829007	0.904465	0.969715	1
cg02755938	SLC2A4K3		0.609782	0.585676	0.71102	-1.40682	0.978021	1.07676	1.07676	0.314483	0.964379	0.964379	0.813694	0.96437	0.96437	0.813694	0.964379	0.813694	0.924044	0.907545	1.10217	0.663475	0.964415	-1.03688	0.925101	1.04236	1.04236	0.820667	0.74552	2.92552	2.73992	1
cg18362021	SORCS3		0.609843	0.314766	1.64039	1.64039	0.120793	0.44887	-2.22782	0.433803	0.683697	-1.46264	0.567504	1.3167	1.3167	0.562668	0.756809	1.32134		0.787067	1.13758	1.13758	0.389357	0.657067	-1.52191	0.782525	1.14081	1.14081	0.622343	1.26662	1.26662	0.829034	2.97607	3.19093	1
cg13325666	MLLT4;Clorf124;MLLT4;MLLT4;MLLT4		0.609846	0.558357	0.377047	-1.14019	0.433082	1.19401	1.19401	0.323006	1.2556	1.2556	0.320467	1.2555	1.2555	0.244329	1.30993	1.30993		0.444299	1.18869	1.18869	0.334694	0.802099	-1.24673	0.639778	1.11013	1.11013	0.290665	1.27528	1.27528	0.82903	0.645066	0.691642	1
cg13066542	RFX		0.609854	0.404634	0.809145	-1.23567	0.190857	1.19236	1.19236	0.283837	1.69466	1.69466	0.145994	1.80942	1.80942	0.139394	1.89042	1.89042	0.902043	1.09152	1.09152	0.722235	0.738459	-1.35419	0.441007	1.21871	1.21871	0.684236	1.1084	1.1084	0.829003	0.83203	0.892135	1
cg01443886	DNAJC5		0.609884	0.394158	1.63706	1.63706	0.100041	2.75805	2.75805	0.173878	2.26377	2.26377	0.425646	1.58318	1.58318	0.795191	1.15825	1.15825		0.666396	1.27754	1.27754	0.141736	2.44061	2.44061	0.497501	1.47548	1.47548	0.616395	1.33009	1.33009	0.828972	4.18734	4.48999	1
cg10947457	ATF6B;ATF6B;FKBP5		0.609934	0.117358	0.460261	-2.17258	0.521141	0.743395	-1.34518	0.693547	1.19667	1.19667	0.653323	1.22894	1.22894	0.299879	0.612707	-1.6321		0.787961	0.884334	-1.13073	0.331586	0.631412	-1.58373	0.31677	1.52828	1.52828	0.148929	0.588005	0.779271	-1.28325	0.828942	2.72955	2.52694	1
cg15388210	KIAA0319;		0.609922	0.811963	0.886151	-1.12848	0.459222	0.682356	-1.46551	0.261187	1.81175	1.81175	0.515729	1.39687	1.39687	0.189249	0.493953	2.02448		0.809759	0.884867	-1.13035	0.501553	0.601648	-1.6621	0.911734	0.945314	-1.05785	0.352051	1.62532	1.62532	0.828914	1.3768	1.62113	1
cg00567485	HSF4;HSF4		0.609922	0.165447	0.354097	-2.82409	0.685979	0.751824	-1.3301	0.171505	0.360009	-2.77771	0.54653	0.651021	-1.53605	0.089235	0.268432	-3.72534		0.487777	0.609752	-1.64001	0.872021	0.893027	-1.11979	0.377281	0.529516	-1.88852	0.626344	0.70869	-1.41105	0.828913	0.64555	0.93336	1
cg02080347	PPAP2C;1A			0.782362	0.794791	-1.25758	0.945453	1.00381	-1.00381	0.614056	1.19424	1.19424	1.14421	0.115006	1.15034	1.14421	0.115006	1.15034	0.100274	0.868214	1.15206	0.782702	-1.27762	0.541408	0.900746	1.10896	0.99268	1.00316	0.945811	0.374968	0.40221		
cg22264251	PSMD11		0.609929	0.254914	1.71736	1.71736	0.375025	0.51312	1.5132	0.52093	0.158048	0.528903	2.73716	1.34531	1.34531	0.265733	1.6949	1.6949	0.624338	0.79888	-1.25175		0.527701	0.747444	-1.33789	0.278819	0.559128	-1.66909	0.788105	1.13039	1.13039	0.535052	0.751415	-1.33082	0.828903	2.73719	2.91383	1
cg13253153	KCNQ1;KCNQ1			0.609931	0.264503	1.96473	0.974739	1.05816	1.05816	0.274493	0.884264	1.12836	0.851352	1.18285	1.18285	0.342586	1.53898	1.53898	1.20202	1.20202	0.167702	1.66792	0.787994	0.731565	0.973518	1.03102	1.03102	0.188073	0.887383	0.894599	0.828348	0.32563	0.34455	1
cg09262197	C1orf174			0.609935	0.570807	0.673142	-1.48557	0.0661156	0.240585	-4.15482	0.437119	0.578288	-1.72924	0.981653	0.984237	-1.01602	0.298875	0.47524	2.1042		0.960107	0.966056	-1.03514	0.747121	0.799696	-1.25048	0.714711	1.28872	1.28872	0.482384	1.6377	1.6377	0.828895	2.26671	6.72029	1
cg24699433	EIF5A;EIF5A;EIF5A;EIF5A			0.609939	0.997747	0.99946	-1.00054	0.893106	1.02608	1.02608	0.087169	0.696489	-1.43577	0.299817	1.22842	1.22842	0.642616	1.0936	1.0936		0.897476	0.97562	-1.02499	0.862405	1.03377	1.03377	0.408767	0.850638	-1.17559	0.450794	1.15849	1.15849	0.828888	0.481258	0.516095	1
cg18187892	ANKRD23			0.609969	0.356134	1.96473	0.974585	1.04576	1.04576	0.271711	0.747693	1.17116	0.546982	1.53681	1.53681	0.284314	1.64532	1.64532	1.38202	1.38202	0.121244	1.84559	0.759703	0.663405	0.960225	1.14021	1.14021	0.931884	0.94194	1.06364	0.828842	0.42596	0.48915	1
cg22964775	LPHN3			0.609969	0.320612	0.840975	-1.1891	0.949197	0.989304	-1.01081	0.254936	0.818238	-1.22214	0.716207	0.940244	-1.06355	0.2516	0.817009	-1.22398		0.794321	1.04508	-1.04508	0.963893	1.00767	1.00767	0.0733789	0.713952	-1.40065	0.660221	0.928059	-1.07752	0.828842	0.373892	0.400979	1
cg00140403	LOC100130691;AGPS			0.609988	0.991884	1.00811	1.00811	0.558263	1.381	1.381	0.615787	1.3295	1.32995	1.3098	0.902043	1.10859	0.515728	1.93725	0.352043	2.84053	1.02307	0.979189	1.03102	1.03102	0.794398	1.73191	1.73191	0.977658	1.01094	1.02868	0.828838	0.998449	1.08061	1
cg26846600	THUMPD1			0.609976	0.35734	0.179961	-5.55675	0.40978	0.217132	-4.60549	0.725338	1.89471	1.89471	0.551232	2.98107	2.98107	0.435535	4.22624	4.22624		0.269212	0.124349	-8.04187	0.228272	0.101161	-9.88526	0.815554	1.52705	1.52705	0.410848	1.58676	1.58676	0.828831	13.0868	46.2088	1
cg17425616	SNX2			0.609979	0.664436	1.08926	1.08926	0.978551	1.00528	1.00528	0.590193	0.889968	-1.11239	0.139306	0.73221	-1.36573	0.429955	0.853997	-1.17096		0.866219	0.96751	-1.03358	0.241595	0.786534	-1.2714	0.175814	0.754288	-1.32575	0.58875	1.11286	1.11286	0.828827	0.503751	0.540255	1
cg05361550	ACACB			0.609982	0.926755	1.07914	1.07914	0.92339	0.858385	1.16566	0.823738	1.16566	0.823738	0.537783	1.32783	0.583965	1.26452	1.26452	0.791725	1.26281	0.792153	1.26208	0.432822	2.31097	0.912684	1.09555	0.877663	1.13978	1.13978	0.512682	0.830707	1.20891	0.828801	1.55366	1.61822	1
cg06811300	ATXN1;ATXN1			0.609995	0.918093	0.952271	-1.05012	0.966843	0.9199	1.0199	0.420664	0.676288	-1.47866	0.755418	0.861947	-1.16016	0.0604784	0.36552	-2.73583		0.815197	1.11775	1.11775	0.897349	1.06329	1.06329	0.114643	0.670804	-1.49075	0.214894	0.537567	-1.86023	0.828802	2.96706	3.18217	1
cg24525509	WNT2B;WNT2B			0.610013	0.211003	0.599021	-1.66844	0.392382	0.631284	-1.58407	0.193797	0.482551	-2.07198	0.260021	0.400664	-2.49731	0.367099	0.90747	-1.10181		0.608583	0.722079	-1.38497	0.220098	0.347268	-2.87863	0.194817	-1.05426	0.223777	1.11234	1.11234	0.828803	0.810958			1
cg00059053	PRMT8			0.610012	0.24068	2.2642	2.2642	2.21552	2.38042	2.38042	0.818573	1.16516	1.16516	0.529447	1.52782	1.52782	0.331813	0.513697	-1.94667		0.216659	2.37478	2.37478	0.490068	0.627229	-1.59431	0.782572	1.20208	1.20208	0.925183	1.06448	1.06448	0.828777	5.80989	6.23128	1
cg05361550	ACACB			0.610022	0.951986	0.989201	-1.01096	0.419351	1.16232	1.16232	0.579338	1.16518	1.16518	0.264985	0.798327	-1.25168	0.583965	1.26452	1.26452	0.791725	1.26281	0.792153	1.26208	0.432822	2.31097	0.912684	1.09555	0.877663	1.13978	1.13978	0.512682	0.830707	1.20891	0.828801	1.55366	1.61822	1
cg06811300	ATXN1;ATXN1			0.609995	0.918093	0.952271	-1.05012	0.966843	0.9199	1.0199	0.420664	0.676288	-1.47866	0.755418	0.861947	-1.16016	0.0604784	0.36552	-2.73583		0.815197	1.11775	1.11775	0.897349	1.06329	1.06329	0.114643	0.670804	-1.49075	0.214894	0.537567	-1.86023	0.828802	2.96706	3.18217	1
cg24525509	WNT2B;WNT2B			0.610013	0.211003	0.599021	-1.66844	0.392382	0.631284	-1.58407	0.193797	0.482551	-2.07198	0.260021	0.400664	-2.49731	0.367099	0.90747	-1.10181		0.608583	0.722079	-1.38497	0.220098	0.347268	-2.87863	0.194817	-1.05426	0.223777	1.11234	1.11234	0.828803	0.810958			1
cg00059053	PRMT8			0.610012	0.24068	2.2642	2.2642	2.21552	2.38042	2.38042	0.818573	1.16516	1.16516	0.529447	1.52782	1.52782	0.331813	0.513697	-1.94667		0.216659	2.37478	2.37478	0.490068	0.627229	-1.59431	0.782572	1.20208	1.20208	0.925183	1.06448	1.06448	0.828777	5.80989	6.23128	1
cg03533223	NST			0.610021	0.156766	0.556556	-1.40556	0.628142	0.532693	1.16963	0.183946	1.61295	1.61295	0.274855	0.521404	1.91796	0.380756	0.593892	-1.68381		0.37115	1.70269	0.740806	0.514488	0.514488	1.94382	0.251828	1.13677	1.13677	0.369728	0.883483	1.01886	0.828763	0.40886	0.47372	1
cg03763774	TSPAN2			0.610028	0.430622	0.724655	-1.37997	0.348342	1.47189	1.47189	0.418645	1.39217	1.39217	0.12411	0.513415	-1.94774	0.46409	0.742056	-1.34761		0.654288	0.834887	-1.19777	0.717159	0.864462	-1.15679	0.486934	1.32682	1.32682	0.816459	0.91112	-1.09755	0.828752	2.1038	2.25645	1
cg13148469	TAF12;TAF12			0.610034	0.676542	0.918866	-1.08604	0.822362	1.1232	1.1232	0.437486	1.18894	1.18894	0.265468	0.775941	-1.28891	0.164906	0.722824	-1.38346		0.673004	0.912505	-1.09588	0.935526	1.01784	1.01784	0.911555	1.02493	1.02493	0.669384	1.08061	1.08061	0.828744	0.627282	0.67227	1
cg01503434	GAUG2;GALK2			0.610034	0.784834	1.08044	1.08044	0.822362	1.05563	1.06563	0.898703	0.964637	-1.03666	0.80111	1.07397	1.07397	0.194058	1.47466	1.47466		0.383111	1.28768	1.28768	0.271748	0.723662	-1.38186	0.181323	1.49357	1.49357	0.513626	0.829222	-1.20595	0.828743	1.04897	1.1251	1
cg24563804	AC077			0.610043	0.274814	0.77161	-1.29599	0.140277	0.696246	-1.43627	0.425484	0.830515	-1.20407	0.910168	1.01994	1.01994	0.945228	1.06204	-1.06204	-1.24837		0.842189	1.04654	1.04654	0.466232	0.837633	-1.19384	0.195498	0.731609	-1.36672	0.60786	1.12536	1.12536	0.828732	0.683472	0.719385	1
cg08268047	FMO2			0.610043	0.364729	4.10885	1.10885	0.396477	0.267997	-3.73138	0.598066	0.447105	-2.23661	0.318389	0.208853	-4.78805	0.583228	2.31293	2.31293		0.37601	1.96776	1.96776	0.275999	0.785599	-5.59913	0.478959	0.75512	2.97512	0.618604	2.13672	2.13672	0.832979	29.4856	27.5316	1
cg13051700	MAGI2			0.610051	0.610349	0.646847	-1.54596	0.451017	1.91745	1.91745	0.625685	0.659194	-1.517	0.442399	0.514817	-1.94244	0.933603	1.07319	1.07319		0.673101	1.43292	1.43292	0.80569	1.23506	1.23235	0.0600139	0.04069	0.60469	0.903537	0.902327	-1.10825	0.828717	0.94319	10.1162	1
cg02497428	METTL9;USF6;METTL9			0.610058	0.999253	0.999672	1.00033	0.976925	1.01473	1.01473	0.737993	0.937904	-1.06642	0.542126	0.879731	0.968508	-1.03263	0.907956	1.10163	0.908242	1.10123	0.644026	1.55247	1.17742	0.851177	0.656494	1.52124	0.656855	1.3047	1.3047	0.828706	1.23757	1.73462	1
cg01503184	UBE2L;UBE2L;UBE2J;UBE2I			0.610063	0.723014	0.869593	-1.14996	0.401268	1.40119	1.40119	0.402938	1.39944	1.39944	0.984252	0.992281	-1.00778	0.52431	0.776197	-1.28833		0.390137	0.707685	-1.41306	0.182481	1.74285	1.74285	0.351269	1.45742	1.45742	0.292704	1.53512	1.53512	0.828698	2.02336	2.17032	1
cg07132221	DTX3;GEFT			0.610077	0.488555	1.31446	1.31446	0.0970865	0.220919	2.02919	0.220919	0.220919	2.02919	0.23027	1.63085	0.457468	1.34184	1.34184	0.98237	0.99145	-1.00082		0.157662	0.782854	1.27791	0.216	1.2216	0.784564	1.27191	1.27191	0.977658	1.01094	1.01094	0.828688	0.98194	2.12592	1
cg19992015	FOXP1			0.610074	0.954784	1.01131	1.01131	0.130341	1.38259	1.38259	0.229451	1.28408	1.28408	0.607254	0.902309	-1.10827	0.46346	0.86246	-1.15947		0.229245	1.28423	1.28423	0.78597	0.948354	-1.05486	0.831407	1.04318	1.04318	0.891177	1.02751	1.02751	0.828682	0.519977	0.553464	1
cg03616553	DDX59			0.610077				0.610077	0.716461	-1.39575	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.358602	0.17355	0.967924	1
cg14625154	ADAMTS1			0.610081	0.139089	0.481765	-2.0757	0.831678	0.906979	-1.10256	0.763883	1.14819	1.14819	0.943665	1.03295	1.03295	1.03295	1.03295	0.209765	0.545343	-1.83371		0.615524	0.792731	-1.26146	0.882676	1.07009	1.07009	0.116201	0.456984	-2.18826	0.600132	0.784561	-1.2746	0.828672	2.76153	2.9622	1
cg09437327	LOC100128811;GPR158			0.610109	0.493694	0.86655	-1.18126	0.845472	0.954311	-1.04788	0.619847	0.887053	-1.12733	0.426396	1.21488	1.21488	0.29399	0.770377	-1.29807		0.769822	1.07285	1.07285	0.558035	0.867642	-1.15255	0.82614	0.948642	-1.05414	0.101574	1.53664	1.53664	0.828658	0.753486	0.80864	1
cg20667709	AGAP1;AGAP1			0.610127	0.259707	0.767617	-1.30308	0.708189	1.24206	1.24206	0.185653	0.878977	0.648753	1.54099	0.745019	1.34287	0.215559	0.727568	1.3748		0.708758	0.731883	-1.36673	0.562329	0.876093	1.14142	0.876093	1.14142	0.876093	1.14142	0.876093	1.14142	0.828647	1.51018	0.828647	1.98149	1.98788	1
cg27555365	TMEM102			0.610101	0.84744	0.824722	-1.21253	0.676808	1.52106	1.52106	0.0627846	8.12309	8.12309	0.373112	2.49633	2.49633	0.511238	0.513427	-1.9477		0.646261	0.629788	-1.58783	0.581084	0.572566	-1.74652	0.920786	0.905271	-1.10464	0.95507	0.945187	-1.05799	0.828641	13.1378	14.093	1
cg06380355	NUDT11			0.610103	0.200164	0.379795	-2.633	0.975972	0.120178	0.102178	0.888529	0.90454	-1.10553	0.205673	2.59893	0.927369	0.936857	-1.0674		0.140286	0.321426	-3.11114	0.884064	0.900881	-1.11002	0.675752	1.35111	1.35111	0.833762	1.16224	1.16224	0.828638	0.71637	7.20472	1
cg13942626	PRR4;PRR4			0.610118	0.078205	0.438773	-2.27876	0.464312	0.160457	0.36367	-2.74872	1.18804	0.718389	1.39142	0.0853607	-11.7245	0.760302	1.31523	1.31523		0.533434	1.2808	1.2808	0.819719	0.64324	1.55492	0.774417	1.09537	0.738508	0.899345	-1.11192	0.828615	1.31587	1.44159	1
cg24380408	RPN2;RPN2			0.610139	0.158466	0.464415	-2.15324	0.769141	0.860937	-1.16153	0.45531	0.679173	-1.47238	0.605356	0.76706	-1.30368	0.069739	0.356339	-2.80631		0.392482	0.640378	-1.56158	0.858291	1.09519	1.09519	0.85114	1.1003	1.1003	0.682473	0.811418	-1.23277	0.828583	3.39674	3.64396	1
cg26481513	HPS4;HPS4;SRRD			0.610152	0.268187	0.61639	-1.62255	0.442883	1.12123	1.12123	0.0787169	1.12851	1.12851	0.163085	0.457468	1.34184	1.34184	0.98237	0.99145	-1.00082		0.157662	0.782854	1.27791	0.216	1.2216	0.784564	1.27191	1.27191	0.977658	1.01094	1.01094	0.828688	0.98194	2.12592	2.2507	1
cg13119928	KRT79			0.610156	0.323846	0.679752	-1.47112	0.946222	0.778408	-1.02589	0.0865923	0.408525	-2.44854	0.81509	0.915072	-1.09281	0.202014	0.600227	-1.6659		0.800601	0.908573	-1.10063	0.761529	0.891088	-1.12222	0.197241	0.596649	-1.67603	0.881777	1.058	1.058	0.828551	1.88344	2.0206	1
cg13494489	DAB2IP;DAB2IP			0.610163	0.791231	0.895386	-1.11684	0.581452	0.836579	-1.19534	0.308749	1.40158	1.40158	0.899169	1.04149	1.04149	0.524797	0.813396	-1.22941		0.352528	0.73595	-1.35879	0.151495	0.612763	-1.63195	0.251903	0.683416	-1.46753	0.573522	1.19994	1.19994	0.828546	1.34772	1.44588	1
cg18041406	DAZAP1;DAZAP1			0.610167	0.357436	1.53896	1.53896	0.0726965	0.248949	2.48149	0.454391	0.79672	-1.41499	0.878761	1.07201	1.07201	1.07201	1.07201	0.0916405	0.602009	-1.66115		0.265961	1.60555	1.60555	0.195239	1.5899	1.5899	0.429792	1.44368	1.44368	0.688806	1.20127	1.20127	0.828535	2.92277	2.92111	1
cg04023915	C11orf91			0.610173	0.199986	0.756102	-1.32257	0.190046	1.32343	1.32343	0.550674	1.13278	1.13278	0.749849	0.936078	-1.06829	0.566146	0.887131	-1.12723		0.382215	0.831056	-1.20329	0.753183	1.06731	1.06731	0.309801	0.804904	-1.24238	0.931591	1.01789	1.01789	0.828531	0.559558	0.600321	1
cg17711763	ANK2;ANK2			0.610194	0.078533	0.437707	-2.28435	0.668712	1.04303	1.04303	0.468758	1.08312	1.08312	0.794236	1.05995	1.05995	0.744256	1.03609	1.03609		0.786024	1.2616	1.2616	0.275383	0.884385	-1.13073	0.748059	0.960603	-1.03553	0.998567	0.999836	-1.00019	0.828465	0.939965	0.165187	1
cg21978521	ASAM			0.610203	0.379596	0.765595	-1.30617	0.659032	0.876701	-1.14064	0.124451	0.610820	-1.63712	0.914433	0.968651	-1.03236	0.280296	0.717075	1.39455		0.191234	0.663615	-1.5069	0.143189	0.627363	-1.59397	0.445332	0.794095	-1.2593	0.619085	0.861986	-1.16011	0.828485	1.15224	1.23624	1
cg00719568	MOV10;MOV10			0.610204	0.548188	0.764116	-1.3087	0.335595	0.644267	-1.55215	0.0482244	0.368044	-2.71707	0.908729	1.05209	1.05209	0.576963	0.779176	-1.28341		0.327577	0.639248	-1.56434	0.418494	0.693477	-1.44201	0.608155	0.795352	-1.2573	0.43118	0.700661	-1.42722	0.828484	2.57214	2.75985	1
cg04402755	RAB3IP;RABEPK			0.610211	0.872346	0.945615	-1.05739	0.757985	1.04335	1.04335	0.715455	0.960016	-1.04167	0.736454	1.02405	1.02405	0.924014	1.08683	1.08683		0.282026	1.14564	1.14564	0.872708	0.846397	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(3477 vs. N)	p-value(3477 vs. 4773)	p-value(3537 vs. N)	Fold-Change(3 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg13645300	PLP2	0.610763	0.152369	0.106699	-6.22281	0.237994	0.229002	-4.36676	0.501423	0.443224	-2.2562	0.517446	2.18716	0.803378	1.34648	1.34648	0.17466	0.178757	-5.5942	0.379417	0.141191	0.836595	-1.19532	0.919035	0.885812	-1.12891	0.82763
cg10979216	LRTOMT;LRTOMT;RTOMT;LRTOMT;LR TOMT;LRTOMT;NUMA1;LRTOMT;LRTO	0.610786	0.328265	2.23383	2.23383	0.715109	0.745503	-1.34138	0.350018	2.15157	2.15157	0.518183	1.68498	0.684198	0.107784	0.247143	-4.04625	0.678849	1.39322	1.39322	0.423319	1.91815	0.98485	1.24355	0.353233	0.954361	-1.04782	0.727596
cg25677697	POLD1	0.610802	0.747589	0.828248	-1.20737	0.104156	0.354574	-2.82028	0.522152	0.68483	-1.46022	0.820868	1.14152	0.741152	0.413506	0.629317	-1.59766	0.535117	1.44276	1.44276	0.296625	1.8805	1.8805	0.540358	0.14584	0.443184	0.908947	1.06905
cg23769626	RIMBP2	0.610813	0.41216	0.697991	-1.43268	0.749006	0.871407	-1.14757	0.59289	0.793413	-1.26038	0.644113	1.22075	1.22075	0.691342	1.18663	1.18663	0.239253	0.589512	-1.69632	0.105153	2.13661	2.13661	0.659118	0.826664	-1.20968	0.905308	0.950251
cg08060122	SPIN1	0.610819	0.907468	0.097815	-1.00219	0.74306	0.724955	2.92661	0.075511	3.95826	3.95826	0.78366	1.20896	1.20896	0.85704	0.683985	-1.13239	0.837508	1.15251	1.15251	0.3678	1.80242	1.80242	0.886984	0.906602	-1.10302	0.921481	0.934279
cg01566323	PRSS8	0.610823	0.58136	0.871338	-1.34746	0.208634	0.329671	1.32967	0.329671	0.38564	-2.59763	0.209162	0.728016	1.38732	0.814927	0.943662	-1.0597	0.543428	1.16428	1.16428	0.385334	2.80244	-1.2462	-2.32922	0.779479	-1.28291	0.87754	0.801554
cg10270150	DUSP22	0.610832	0.166493	0.434947	-2.29913	0.988785	0.9921	-1.00796	0.617139	0.752441	-1.32901	0.159196	0.427813	-2.33747	0.131126	0.39857	-2.50897	0.589687	0.735587	-1.35946	0.325707	0.564013	-1.77301	0.39352	0.61064	-1.63763	0.367344	0.592982
cg15398062	EIF2C2;EIF2C2	0.610838	0.835607	1.19696	1.06476	1.06476	0.779457	-1.28294	0.101405	1.73878	1.73878	0.997542	1.00803	1.00093	0.49873	0.872407	-1.23046	0.38796	1.30631	1.30631	0.284441	1.39906	1.39906	0.783387	1.24901	1.08678	0.511765	1.22256
cg20365074	GULP1	0.610842	0.346235	1.37344	1.37344	0.757435	0.930631	-1.10666	0.847049	0.938782	-1.06521	0.567607	1.20804	1.20804	0.707726	0.980852	-1.10029	0.461603	0.761961	-1.3124	0.552747	0.60593	-1.65036	0.201376	0.643144	-1.55486	0.393768	0.751439
cg04740264	RTBDN	0.610846	0.262287	2.594515	2.944153	0.549318	1.762683	1.763831	0.321787	2.57436	2.57436	0.377681	2.30763	2.307631	0.139087	2.224404	-4.45626	0.565567	1.17018	1.17018	0.863382	1.1697	1.1697	0.525409	1.81184	1.81184	0.779277	1.29636
cg10558228	ASH1L	0.610853	0.960681	1.02698	1.02698	0.0618973	1.83736	1.83736	0.61309	1.36897	1.36897	0.926403	1.06088	1.06088	0.314608	1.04198	-1.94478	0.679857	0.76689	-1.30397	0.513294	1.52814	1.52814	0.592865	1.4121	1.4121	0.910376	1.07468
cg01389506	SSH1;SSH1;SSH1	0.61086	0.115815	0.560851	-1.78301	0.406273	0.750182	-1.33301	0.510394	1.25306	1.25306	0.391412	0.742979	-1.34593	0.651251	0.857683	-1.16593	0.734642	0.891274	-1.12199	0.308632	1.42832	1.42832	0.64035	0.855169	-1.16936	0.461843	0.77614
cg11998932	SCN4B	0.610864	0.460988	0.648766	-1.54151	0.870214	1.00032	1.00032	0.218824	0.46947	-2.13006	0.48347	0.659433	-1.51645	0.535719	0.693034	-1.44293	0.947152	1.03952	1.03952	0.274618	1.94372	1.94372	0.364468	1.96796	1.96796	0.424344	0.620616
cg12692919	TSNARE1	0.610884	0.982156	0.994607	-1.00542	0.15401	1.44634	1.44634	0.708906	1.09492	1.09492	0.503176	0.848487	-1.17857	0.403715	1.22952	1.22952	0.960658	0.988143	-1.012	0.0910802	1.56841	1.56841	0.930273	0.979059	-1.02139	0.82451	1.05517
cg04057933	RASGEF1B	0.610926	0.46136	0.723347	-1.68346	0.103109	2.17145	2.17145	0.232316	1.73799	1.73799	0.668378	1.20456	1.20456	0.617766	1.24269	1.24269	0.279387	1.6253	1.6253	0.99713	1.45422	1.45422	0.547884	1.30034	1.30034	0.936685	1.03491
cg16185831	SPG;ISPD	0.610961	0.496322	0.956756	-1.35356	0.224674	2.53105	2.53105	0.083263	0.247548	-4.03963	0.850852	0.912719	-1.1469	0.733805	1.22615	1.22615	0.892719	1.10324	1.10324	0.78042	1.22565	1.22565	0.731074	1.28558	1.28558	0.87328	0.94673
cg18192074	DMAP1;DMAP1;DMAP1	0.610965	0.527906	1.33994	1.33994	0.729735	1.17198	1.17198	0.454752	1.41679	1.41679	0.156395	2.00115	2.00115	0.593197	1.27983	1.27983	0.17062	1.94968	1.94968	0.159463	1.98959	1.98959	0.215557	1.81562	1.81562	0.300284	1.63419
cg20864349	MEGF11	0.610972	0.740892	0.928647	-1.06536	0.458212	0.868562	-1.15122	0.501091	1.13568	1.13568	0.863954	1.19484	1.19484	0.542049	0.889007	-1.12498	0.419302	0.854337	-1.1705	0.903928	0.977224	-1.02331	0.986475	1.1904	1.1904	0.839433	1.19433
cg26426582	TRIM60;TRIM60	0.610982	0.373392	1.20675	1.20675	0.120774	1.41347	1.41347	0.359219	1.21395	1.21395	0.98445	996	-1.00402	0.945746	1.01409	1.01409	0.51085	1.14701	1.14701	0.085267	1.47888	1.47888	0.56374	1.12753	1.12753	0.653226	1.09747
cg21078554	TMOD3	0.610984	0.621778	0.659314	-1.44193	0.457556	0.973081	-1.74405	0.413112	0.540197	-1.85118	0.489344	0.596371	-1.67681	0.297941	0.473982	2.12048	0.310549	1.3795	1.3795	0.57633	0.841067	-1.18897	0.751235	1.10243	1.10243	0.99694	1.00118
cg18384403	TUBB2A	0.610994	0.971175	1.01114	1.01114	0.333279	0.736381	-1.35799	0.304074	1.38592	1.38592	0.378359	1.31933	1.31933	0.199363	0.659835	-1.51553	0.310549	1.3795	1.3795	0.57633	0.841067	-1.18897	0.751235	1.10243	1.10243	0.99694	1.00118
cg22280226	ASPSCR1	0.610999	0.290252	0.714912	-1.39877	0.867607	0.561843	-1.77986	0.9871	0.995069	-1.00496	0.742444	0.904089	-1.10609	0.420514	0.777535	-1.28612	0.241227	0.687216	-1.45515	0.170759	0.640194	-1.56203	0.696823	0.887174	-1.12718	0.538902	0.826775
cg08530544	WFIKKN2	0.611	0.231486	0.324605	-3.08063	0.196885	1.02071	-1.02071	0.731065	1.03184	1.03184	0.733853	1.01035	1.01035	0.259398	0.546187	-1.83087	0.515254	0.645509	-1.54929	0.155129	0.875052	1.14292	1.14292	0.662489	0.882377	1.13289	0.946195
cg17588704	TNS1	0.611	0.843307	1.48076	1.48076	0.245083	0.0896569	-11.1536	0.319802	7.6846	7.6846	0.608476	2.78664	2.78664	0.921222	0.821838	-1.21678	0.621823	2.68113	2.68113	?	?	?	0.181358	16.6855	16.6855	0.31828	7.73743
cg17565795	APOC3;APOC;CXorf58;APOC;CXorf58	0.611001	0.307553	0.284406	1.76502	0.637034	0.768213	-1.27192	0.302609	0.956012	-1.06836	0.823768	1.16236	1.16236	0.150622	2.292117	-2.43617	0.249584	0.523131	-1.91157	0.922292	0.94882	-1.05394	0.618209	0.755971	0.529575	0.756216	1.18272
cg02189784	C2orf48	0.611003	0.620955	0.820937	-1.21812	0.641104	1.20422	1.20422	0.380969	0.700677	-1.42719	0.631916	0.826117	-1.21048	0.0579896	0.428155	2.33561	0.927341	1.96454	1.03676	0.568775	1.25606	1.25606	0.85739	1.08463	1.08463	0.475464	0.750324
cg13898854	IGF1R	0.611005	0.609414	1.34897	1.34897	0.24249	0.491356	-2.03518	0.161107	0.491663	-2.38571	0.601971	1.35758	1.35758	0.6829	1.26947	1.26947	0.263172	1.96563	1.96563	0.708955	0.804272	-1.24336	0.559575	1.40883	1.40883	0.941929	0.958561
cg01774878	ORAI1 C1GALT1C1;C1GALT1C1;C1GALT1C1;C1	0.611008	0.078082	1.369075	2.74744	0.257995	0.464612	-1.80324	0.617325	0.777545	-1.2861	0.782972	0.871169	-1.14784	0.541046	0.889007	-1.12454	0.514534	0.78137	-1.2797	0.268059	0.556092	-1.79631	0.597239	0.766175	-1.30518	0.780836	0.860951
cg24054653	GALTC1	0.611016	0.221815	0.419504	-2.38633	0.867314	2.11992	2.11992	0.533108	1.53354	1.53354	0.413255	1.76421	1.76421	0.200985	2.49623	2.49623	0.291829	0.476718	-2.09768	0.000314	0.916319	-1.08859	0.850945	1.13589	1.13589	0.629462	1.65813
cg02258201	HRCT1	0.611016	0.542842	0.662423	-1.50961	0.364243	0.536115	-1.86527	0.424379	1.72547	1.72547	0.82998	0.866078	-1.15463	0.227179	0.428392	-2.33431	0.331922	0.512068	-1.95287	0.258275	0.45443	-2.20056	0.185386	0.391011	-2.55747	0.796126	1.18901
cg21841678	ST3GAL5	0.611031	0.242464	2.19925	2.19925	0.272516	1.24504	1.20532	0.826461	0.868086	-1.15196	0.240202	2.08839	2.08839	0.252842	2.15864	2.15864	0.210386	2.34045	2.34045	0.123795	2.92674	2.92674	0.711914	1.26994	1.26994	0.594025	1.41427
cg20000236	VDAC3;VDAC3	0.611038	0.946169	1.03126	-1.44193	0.457556	0.973081	-1.54953	0.133952	0.636952	-1.57011	0.167861	0.876853	-1.04282	0.836667	0.949853	-1.05257	0.537941	0.633917	-1.58249	0.271824	0.430898	-2.32074	0.369318	0.9705	1.0305	0.119653	0.858564
cg15463387	C21orf125	0.611049	0.828096	0.939464	-1.06444	0.109516	0.6059	-1.65044	0.370881	0.768089	-1.30193	0.280962	1.3796	1.3796	0.525148	0.831185	-1.2031	0.955574	1.01613	1.01613	0.527217	0.831973	-1.20196	0.637567	0.872613	-1.14598	0.496532	1.21926
cg24005158	PHYH;PHYH	0.611059	0.541607	0.744362	-1.34356	0.421827	0.81771	-1.25171	0.388355	0.784515	-1.27467	0.473153	0.850316	-1.17648	0.0927155	0.660226	-1.51454	0.144004	0.652763	-1.53105	0.828386	0.942226	-1.06152	0.776054	0.926104	-1.0798	0.882408	1.03434
cg16293069	CHST1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.611076	0.903939	0.957358	-1.04454	0.822294	1.08458	1.08458	0.9887	1.00512	1.00512	0.361375	0.712731	-1.40305	0.601719	0.826902	-1.20933	0.966009	0.984737	-1.0155	0.111352	0.534942	-1.86936	0.188657	0.604894	-1.65318	0.731472	0.150725
cg16223967	PRKAR1B;PRKAR1B	0.61109	0.903223	1.04449	1.04449	0.374182	1.38601	1.38601	0.652469	1.17612	1.17612	0.218568	0.629334	-1.58898	0.143961	0.570194	-1.75379	0.581599	1.22039	1.22039	0.419736	0.744519	-1.34315	0.771656	1.10975	1.10975	0.648238	0.848429
cg04240220	ATRN;ATRN	0.611094	0.445089	1.09112	1.09112	0.206884	0.861461	-1.16082	0.990457	0.999362	-1.00064	0.734073	0.961071	-1.04051	0.333613	0.894292	-1.1182	0.748094	0.964546	-1.03676	0.878484	0.908306	-1.01729	0.133168	1.19901	1.19901	0.808456	1.02758
cg09492074	MEGF11	0.611095	0.64595	0.845995	-1.18255	0.624754	0.845405	-1.18325	0.655693	1.52459	1.52459	0.264419	1.22112	1.22112	0.0495134	1.56911	1.56911	0.501448	1.09028	1.09028	0.514806	1.64673	1.64673	0.884552	1.82718	1.82718	0.85203	0.941983
cg01102162	SORCS1;SORCS1	0.611101	0.145015	1.96035	1.96035	0.548709	1.29819	1.29819	0.736953	1.15602	1.15602	0.195528	1.80174	1.80174	0.585464	0.789096	-1.26727	0.359797	1.49919	1.49919	0.803238	1.11334	1.11334	0.261458	1.65474	1.65474	0.574289	0.783407
cg21519791	LOC440839;CBWD2	0.611109	0.352742	1.43898	1.43898	0.672465	0.91022	-1.17203	0.514128	0.566805	-1.76739	0.890388	0.949829	-1.05342	0.445726	0.757965	-1.31932	0.562909	0.801889	-1.2469	0.514599	0.974236	1.02639	0.982859	1.39665	1.39665	0.779762	1.1113
cg23930194	SLC23A2	0.611133	0.326737	2.283127	4.19943	0.163627	0.121614	2.20724	0.297403	0.137077	3.06018	0.299137	0.21759	-4.59579	0.133523	0.102136	-9.79088	0.487958	1.368379	-2.71459	0.645407	0.34893	-2.8659	0.495754	0.37521	-2.66157	0.576613	0.449117
cg02817167	SLC19A1	0.611144	0.124759	1.69552	1.69552	0.938794	0.975897	-1.0247	0.308258	1.39801	1.39801	0.730201	1.11635	1.11635	0.52882	1.22473	1.22473	0.0870665	1.82266	1.82266	0.883505	0.954486	-1.04768	0.925499	1.03016	1.03016	0.907853	1.03747
cg06740376	ITGAV;ITGAV	0.611145	0.254532	1.44899	1.44899	0.684204	0.863611	-1.1827	0.640498	1.14481	1.14481	0.95227	1.19382	1.19382	0.617992	1.08179	1.08179	0.933159	0.975042	-1.02565	0.743213	0.907125	-1.10258	0.270141	1.18202	1.18202	0.744211	1.0444
cg20880969	C12orf49;RNFT2;RNFT2	0.611155	0.967317	0.974251	-1.02643	0.236962	1.20086	1.20086	0.129734	2.83523	2.83523	0.538137	1.48715	1.48715	0.310044	0.512335	-1.95185	0.741245	1.23488	1.23488	?	?	0.556719	1.46001	1.46001	0.969582	1.02457	1.02457
cg23946629	LOC100287216;SH3BP1	0.611179	0.486601	1.09937	1.09937	0.425815	1.511515	1.511515	0.052807	1.34513	1.34513	0.355419	1.13588	1.13588	0.424342	1.09024	1.09024	0.559242	0.994395	-1.01025	0.926312	0.992709	-1.01215	0.765812	0.960757	-1.04085	0.83008	1.12729
cg05171925	PTPRN2;PTPRN2;PTPRN2	0.611195	0.797277	0.947676	-1.04476	0.366513	1.17093	1.17093	0.647233	0.875381	-1.14236	0.514762	0.796972	-1.33874	0.962094	1.00812	1.00812	0.557202	1.10625	1.10625	0.308696	1.19626	1.19626	0.564457	1.10416	1.10416	0.754306	1.10585
cg04028570	OR2L13	0.611205	0.164553	0.914994	0.914994	0.270444	0.563101	1.36101	0.969802	0.99427	-1.00576	0.571519	0.43018	-2.32461	0.218341	6.75444	6.75444	0.886607	1.2343	1.2343	0.177595	8.29752	8.29752	0.442299	3.17648	3.17648	0.844721	1.35348
cg04787794	LMF1	0.611232	0.675973	1.24284	1.24284	0.31548	0.838438	1.43892	0.24001	2.43401	2.43401	0.0468332	1.66568	1.66568	46.1749	0.960631	-1.04163	0.455163	1.37536	1.37536	0.189642	1.89916	1.89916	0.317436	1.88646	1.88646	0.949787	0.899717
cg16387947	TMEM57	0.611236	0.700335	1.15265	1.15265	0.217735	1.61014	1.61014	0.483388	1.29908	1.29908	0.229064	0.628974	-1.58989	0.211254	1.62226	1.62226	0.766791	1.11544	1.11544	0.72993	0.880466	-1.13576	0.98852	1.0053	1.0053	0.314766	1.46502
cg01237870	MCM10;MCM10	0.611243	?	?	?	0.517369	1.69916	1.69916	0.983739	0.983705	1.01516	0.985103	1.01519	0.718036	0.746122	-1.34026	?	0.65099	0.656893	-1.52232	0.159591	1.36638	1.36638	?	?	0.225099	0.357352	-2.79836	0.796826
cg02953382	LOC391322;LOC391322	0.611245	0.575427	0.470775	-2.12732	?	?	?	0.24565	0.193905	-5.15705	?	?	?	?	?	?	0.914402	0.15364	0.15364	?	?	?	?	?	?	0.650025	5.7732
cg03191998	SLC39A8;SLC39A8;SLC39A8	0.611249	0.21843	0.698055	-1.43255	0.578511	1.1675	1.1675	0.535745	1.189	1.189	0.249504	0.716152	-1.39635	0.240541	0.711096	-1.40628	0.389852	0.783373	-1.27595	0.855226	0.950915	-1.05162	0.691593	1.11622	1.11622	0.624251	1.1459
cg20708141	CSTL1	0.611252	0.329947	0.780007	-1.26902	0.737321	0.873121	-1.14532	0.735906	0.922931	-1.08353	0.985454	1.00433	1.00433	0.907288	0.982112	-1.01772	0.670018	1.10692	1.10692	0.145479	1.4205	1.4205	0.636884	1.46485	1.46485	0.952882	0.986094
cg03899721	MFHAS1	0.611259	0.255482	3.30305	3.30305	0.259626	1.2661	1.2661	0.291602	0.30837	3.00837	0.409649	2.33661	2.33661	0.267691	3.1229	3.1229	0.865646	0.843296	-1.18582	0.299592	2.9506	2.9506	0.282843	3.07454	3.07454	0.51215	0.512152
cg26263310	RPTOR;RPTOR	0.611282	0.497181	0.997351	1.31796	0.822269	0.974179	-1.03577	0.523038	1.25693	1.25693	0.182683	0.774419	-1.29127	0.328248	0.567823	1.76121	0.717009	1.01863	1.01863	0.960884	0.966284	-1.03465	0.818466	0.998163	0.998163	0.888	0.918424	0.982227
cg25924827	KCNAB1;KCNAB1	0.611285	0.770393	1.07485	1.07485	0.753584	1.08076	1.08076	0.918494	0.975071	-1.02557	0.504745	0.846255	-1.18168	0.920509	1.02492	1.02492	0.671893	1.43142	1.43142	0.105358	1.54708	1.54708	0.601234	0.878051	-1.13889	0.38581	1.24517
cg08182565	C1orf80	0.611288	0.868443	0.939829	-1.06402	0.223136	1.61476	1.61476	0.226013	1.60951	1.60951	0.926745	1.0351	1.0351	0.542243	1.25904	1.25904	0.871514	0.941206	-1.06247	0.07525095	2.11735	2.11735	0.569511	1.2401	1.2401	0.896813	1.04977
cg05935594	HMGB3;HMGB3	0.611303	0.479112	0.993253	1.25208	0.825008	0.876266	1.14172	0.672624	0.842212	1.18713	0.240733	1.23868	1.23868	0.192273	1.33388	1.33388	0.455246	0.74245	-1.34668	0.219007	1.64268	1.64268	0.479442	2.62952	2.62952	0.538856	0.831493
cg26824326	TMEM201;TMEM201	0.611307	0.323669	1.86006	1.86006	0.178802	2.38597	2.38597	0.236356	0.21854	2.21854	0.387988	1.71377	1.71377	0.495925	0.656643	-1.52339	0.675775	1.29187	1.29187	0.261979	2.03835	2.03835	0.597477	0.722939	-1.38324	0.67031	1.29787
cg19066021	F7;F7	0.611312	0.25732	0.827056	2.0018	0.529302	0.624907	-1.64433	0.385669	0.587295	-1.70273	0.912868	0.956594	-1.04539	0.0972745	0.326448	-3.06299	0.0966745	0.665893	1.50232	0.159591	1.36638	1.36638	?	?	0.225099	0.357352	-2.79836	0.796826
cg20665007	LF3;LF3;ILF3;ILF3;ILF3	0.611333	0.12331	0.416141	-2.40303	0.856262	0.909167	-1.09991	0.747084	1.18523	1.18523	0.221604	0.509292	-1.96351	0.465916	0.677257	1.47654	0.301226	0.569751	-1.75515	0.389408	0.629245	-1.5892	0.281303	0.555384	-1.80056	0.263179	0.541921
cg12577411	DTNBP1;DTNBP1;DTNBP1	0.611332	0.572973	0.787151	-1.27041	0.95808	1.02233	1.02233	0.191685	1.78694	1.78694	0.67629	1.19298	1.19298	0.569163	0.785239	-1.2735	0.444892	0.720903	-1.38715	0.765935	1.13366	1.13366	0.409271	1.42564	1.42564	0.168892	0.540129
cg27285947	ALDH18A1;ALDH18A1	0.611351	0.601915	1.08397	1.08397	0.504601	0.926107	-1.08007	0.524601	1.10383	1.10383	0.56506	0.978671	1.02206	0.943351	1.0224	1.0224	0.469758	0.893448	-1.11926	0.606191	1.08098	1.08098	0.924755	0.97227	1.02464	0.732777	1.32404
cg02612007	AZIN1;AZIN1	0.61134	0.35048	0.823198	-1.21477	0.914054	0.97838	-1.0221	0.255557	1.27167	1.27167	0.65415	0.912748	-1.09559	0.80325	1.05184	1.05184	0.131861	0.719446	-1.38996	0.675347	1.08902	1.08902	0.669926	0.916853	-1.09069	0.407879	1.18696
cg02763290	NFATC1;NFATC1;NFATC1;NFATC1 ASB7;LIN51;LIN51;ASB7;LIN51;LIN51;LIN	0.611353	0.370661	1.72749	1.72749	0.164825	2.43905	2.43905	0.349559	1.78505	1.78505	0.447543	1.78972	1.78972	0.332673	1.82465	1.82465	0.215861	2.47529	2.47529	0.180073	2.35542	2.35542	0.275649	1.97875	1.97875	0.528551	1.46852
cg20072001	51;LIN51;LIN51;LIN51	0.611362	0.791576	1.02271	1.02271	0.155369	0.879072	-1.13756	0.55833	0.910158	-1.05146	0.514476	0.902203	-1.10777	0.754579	1.02694	1.02694	0.501534	0.948313	-1.05453	0.302778	0.914481	-1.09356	0.184741	1.12816	1.12816	0.665505	0.960798
cg16320011	TCHP;TCHP	0.611379	0.991662	1.01012	1.01012	0.728802	0.865579	-1.1553	0.573203	0.650838	-1.53648	0.283481	0.718759	-1.39129	0.652128	0.749246	-1.33357	0.19305	1.50413	1.50413	0.302778	1.64059	1.64059	0.377882	1.12816	1.12816	0.998686	1.00235
cg24642196	PPOX;PPOX	0.611389	0.893064	0.947691	-1.0552	0.53533	0.778205	-1.28501	0.819177	0.91259	-1.09578	0.0710505	0.23792	2.23792	0.831292	1.08896	1.08896	?	?	?	?	?	?	0.580157	0.799964	-1.25006	0.933775	0.967346
cg26331488	ATP5EJ;ATP5EJ;ATP5E	0.611389	0.888457	1.04168	1.04168	0.557573	0.966468	-1.03514	0.709288	1.09288	1.09288	0.819229	0.926266	1.07939	0.892621	1.08187	1.08187	0.75254	0.905176	-1.10476	0.484209	0.882121	1.13382	0.973072	0.8103	1.2344	0.703	1.03033
cg09625175	FXR2;SHBG	0.611408	0.807332	0.936194	-1.06815	0.301423	0.749071	-1.33499	0.191034	1.45295	1.45295	0.589604	0.863335	-1.1583	0.582062	0.860708	-1.16183	0.866555	0.955629	-1.04643	0.397884	0.791691	-1.26312	0.282521	1.40641	1.40641	0.596002	0.865554
cg21559793	C9orf163;SEC16A;C9orf163	0.611415	0.215978	0.845994	-1.18256	0.140955	1.31084	1.31084	0.394888	1.16061	1.16061	0.533641	1.11438	1.11438	0.513884	1.11982	1.11982	0.914373	0.947411	-1.0186	0.594697	0.912393	-1.09611	0.753132	1.06025	1.06025	0.563693	0.921947
cg14903309	TARBP2;TARBP2;TARBP2;MAP3K12	0.611428	0.947054	0.962139	1.03935	0.291671	0.983569	-1.04445	0.577243	0.958548	-1.04349	0.602351	0.980353	-1.19849	0.401551	0.740835	-1.34989	0.910601	0.9778	-1.0227	0.137583	0.726422	-1.37661	0.896612	0.97435	-1.02633	0.310228	1.23352
cg14624561	FAM108B1;FAM108B1	0.611444	0.544636	1.31564	1.31564	0.645203	1.20151	1.20151	0.569221	1.29353	1.29353	0.196605	1.84196	1.84196	0.885693	0.937672	-1.06647	0.717355	1.17662	1.17662	0.067113	2.43717

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00131705	C16orf11		0.611967	0.61742	0.730293	-1.36875	0.196604	0.94199	2.34199	0.174778	0.408716	2.45872	0.995131	0.996203	-1.00383	0.417039	0.596321	1.67695	0.568815	1.4317	1.4317	0.582688	0.707591	-1.41325	0.863537	1.11487	1.11487	0.332539	0.536288	-1.86467	0.825796	5.08131	5.46954	1
cg01099600	GRIP2		0.611968	0.364122	0.507973	-1.96861	0.280729	0.442949	-2.2576	0.692101	1.33519	1.33519	0.652249	0.719312	-1.39022	0.074604	0.226343	-4.23113	0.472376	0.588098	-1.7004	0.239497	0.408783	-2.44628	0.734145	0.780693	-1.28091	0.500743	0.608744	-1.64273	0.825794	6.89863	7.42572	1
cg01132543	CPT1A;CPT1A		0.611973	0.65926	0.847511	-1.17993	0.624183	1.20215	1.20215	0.472858	1.31289	1.31289	0.431344	0.741221	-1.34912	0.428954	0.740021	-1.35131	0.138128	0.551403	-1.81356	0.87512	0.944045	-1.06039	0.235608	1.58955	1.58955	0.939609	0.972144	-1.02865	0.825787	1.81825	1.9572	1
cg01884711	CANT1;CANT1;CANT1		0.611982	0.749973	0.806257	-1.2403	0.233386	2.32001	2.32001	0.099402	1.37527	1.37527	0.838051	0.872133	-1.1478	0.789651	1.19733	1.19733	0.897977	1.0908	1.0908	0.262167	0.219795	2.19795	0.715931	0.783791	-1.27911	0.591627	0.694351	-1.44019	0.825774	5.93366	6.38718	1
cg01090435	GPR20		0.611996	0.324857	0.550115	-1.8178	0.138752	2.55176	2.55176	0.284925	1.92113	1.92113	0.962468	1.08205	1.02805	0.374169	0.584955	-1.70953	0.677818	1.27837	1.27837	0.669655	1.28694	1.28694	0.62148	0.746349	-1.33986	0.67624	1.28002	1.28002	0.825752	4.519	4.86452	1
cg02088368	C22orf33;C22orf33		0.612001	0.495866	0.758683	-1.31937	0.799042	0.903129	-1.10726	0.824488	1.09255	1.09255	0.244626	0.615004	-1.62601	0.344153	0.677607	-1.47578	0.283132	1.56392	1.56392	0.839419	1.08441	1.08441	0.942604	1.02918	1.02918	0.641867	0.532181	-1.87906	0.825743	2.08613	2.24566	1
cg14843842	MED20;BYSL		0.612018	0.899165	1.02135	1.02135	0.259177	1.21678	1.21678	0.260662	1.21597	1.21597	0.476623	1.1282	1.1282	0.0592363	1.42616	1.42616	0.757549	1.05297	1.05297	0.866313	0.972308	-1.02848	0.927179	0.984879	-1.01535	0.658652	1.07692	1.07692	0.825718	0.36331	0.391105	1
cg02830903	NCRNA00188;NCRNA00188;NCRNA00188;NCRNA00188;NCRNA00188;NCRNA00188;NCRNA0		0.612025	0.51991	0.860772	-1.16175	0.379297	0.81277	-1.23036	0.959326	0.988346	-1.01179	0.629132	0.894178	-1.11835	0.939895	1.01748	1.01748	0.704557	1.09151	1.09151	0.0531576	0.603522	-1.65694	0.751832	1.07564	1.07564	0.629671	1.11815	1.11815	0.825707	0.690846	0.743709	1
cg02242926	RCCD1		0.612027	0.538056	0.534009	-1.87263	0.346677	2.65139	2.65139	0.972543	0.965961	-1.03524	0.666568	0.646509	-1.54677	0.0721089	0.132677	-7.53708	0.35742	0.385839	-2.59176	0.786534	1.31408	1.31408	0.534024	0.530926	-1.8835	0.644821	0.626843	-1.5953	0.825705	13.2404	14.2536	1
cg01585999	GSTA5;GSTA5		0.612039	0.178382	0.16983	-5.8888	0.29338	0.474877	2.10628	0.566844	0.668514	-1.49585	0.696869	0.76161	-1.31301	0.133119	0.329359	-3.08681	0.287578	0.463899	-2.15564	0.354499	0.440373	-2.27081	0.760947	0.808525	-1.23682	0.944211	0.952483	-1.04989	0.8257	6.33811	6.81239	1
cg01431688	TGFBR1;TGFBR1		0.612033	0.40051	0.94346	3.94346	0.855782	0.748217	-1.33651	0.935265	0.57852	-1.33828	0.0630324	0.0356482	-28.0519	0.07664	1.04779	1.04779	0.34769	0.67207	-4.67207	0.896349	1.23098	1.23098	0.978082	0.957144	-1.04477	0.643302	0.475441	2.10331	0.825695	33.2422	35.7864	1
cg04731120	ATAD5		0.612036	0.65057	0.892227	-1.12079	0.0866196	1.6053	1.6053	0.98006	1.00343	1.00343	0.823869	0.94578	-1.06353	0.181652	0.701477	-1.42556	0.830926	0.947934	-1.05493	0.603662	1.1388	1.1388	0.752647	1.08155	1.08155	0.840988	0.10152	2.10515	0.825691	0.817787	0.880379	1
cg05636915	CTDSP1;MIR26B;CTDSP1		0.612037	0.316155	0.444139	-1.94386	0.810213	1.16685	1.16685	0.32896	1.98307	1.98307	0.913683	1.07202	1.02805	0.242626	0.615004	-1.62601	0.344153	0.677607	-1.47578	0.283132	1.56392	1.56392	0.839419	1.08441	1.08441	0.942604	1.02918	1.02918	0.641867	0.532181	-1.87906	0.825743	2.08613	2.24566	1
cg01828469	RNF187		0.61204	0.535258	0.797496	-1.25393	0.537313	0.798344	-1.25259	0.158725	0.581053	-1.72101	0.129387	0.55404	-1.80493	0.474971	1.29931	1.29931	0.841802	1.07468	1.07468	0.998565	0.999352	-1.00065	0.806491	1.09248	1.09248	0.580418	1.22289	1.22289	0.825685	1.69845	1.82846	1
cg23725581	ENPP2;ENPP2;ENPP2		0.612051	0.708589	0.754086	-1.32611	0.263906	0.416661	-2.40003	0.339157	0.395866	-2.52611	0.938616	0.943744	-1.05961	0.275155	0.42393	-2.34786	0.332042	0.471275	-2.1219	0.0999483	0.2579	-3.87748	0.405493	0.527391	-1.89512	0.823667	1.18382	1.18382	0.825668	7.39034	7.95621	1
cg21705844	SHPK;CTNS;CTNS		0.612068	0.394146	0.71458	-1.15486	0.681216	1.07051	1.07051	0.530769	1.11042	1.11042	0.168081	1.27421	1.2742	0.825018	0.564132	-1.0372	0.790848	0.957101	-1.04482	0.146053	0.779046	-1.29358	0.530446	1.11052	1.11052	0.861637	0.907766	-1.10224	0.825642	0.355814	0.38307	1
cg01085165	VASN;CORO7		0.61207	0.710352	0.786325	-1.27174	0.421673	1.69711	1.69711	0.357495	1.84003	1.84003	0.966667	1.02729	1.02729	0.305501	0.504736	-1.98123	0.45039	0.60922	-1.64144	0.115401	0.331899	-3.01297	0.661865	0.753086	-1.32787	0.844477	1.13492	1.13492	0.825639	5.42968	5.84563	1
cg02195302	MXI1;MXI1		0.612071	0.592253	0.759216	-1.67218	0.193084	1.51394	1.51394	0.1	?	?	?	?	?	?	?	?	?	?	?	?	0.840487	1.68214	1.68214	1.05851	1.05851	0.723211	1.68216	0.959803	1.05851	1.05851	0.723211	0.549591	10.2769	1
cg04138403	NGFR		0.612073	0.936336	0.961143	-1.04034	0.936407	1.33843	1.33843	0.243052	0.545851	-1.832	0.678772	1.2295	1.2295	0.584948	0.762602	-1.3113	0.092326	0.398879	-2.50703	0.395719	0.649537	-1.53956	0.444966	0.679568	-1.47152	0.769873	1.15665	1.15665	0.825635	3.21828	3.46484	1
cg01835945	SIX1		0.612085	0.535805	0.798213	-1.27463	0.737006	1.21393	1.21393	0.122316	0.618479	1.23736	1.23736	0.961622	1.01903	1.01903	0.344221	0.879553	-1.13681	0.706366	1.1982	1.1982	0.54379	1.15961	1.15961	0.842706	0.834984	-1.19763	0.0675246	2.23091	2.23091	0.825616	0.82089	0.884159	1
cg01440681	HRNBP3		0.612089	0.661767	0.811833	-1.23178	0.740024	1.17199	1.17199	0.213506	1.86693	1.86693	0.515586	1.36916	1.36916	0.69284	0.827612	-1.20829	0.278411	0.584417	-1.71111	0.239339	0.555856	-1.79903	0.384058	1.53015	1.53015	0.762342	1.15552	1.15552	0.82561	2.97001	3.19764	1
cg18075287	GABARAP;1		0.612092	0.296384	0.905732	-1.10408	0.09735	0.980941	-1.0107	0.42239	1.07782	1.07782	0.815494	1.09721	1.09721	0.129177	0.517299	1.93207	0.990629	-1.00096	0.176013	0.876723	-1.14061	0.123438	0.858476	-1.16486	0.90791	0.989474	-1.01064	0.767334	1.0275	1.0275	0.825605	0.109348	0.11773	1
cg14983148	ZMAT3;ZMAT3;ZMAT3;ZMAT3		0.612093	0.867709	1.02407	1.02407	0.244512	0.844357	-1.18433	0.514499	0.885949	1.02425	1.02425	0.849962	1.0898	1.0898	0.89238	1.112	1.112	0.349661	1.08248	1.08248	0.331561	0.992447	1.15942	1.15942	0.580414	0.912878	-1.09544	0.847233	0.733257	0.78237	0.850308	1
cg11997468	RASA3		0.612096	0.679744	1.09501	1.09503	0.239826	1.30887	1.30887	0.28288	0.783469	-1.27637	0.946434	1.0148	1.0148	0.977949	0.993974	-1.00606	0.187266	1.35753	1.35753	0.676523	1.0961	1.0961	0.348652	1.23493	1.23493	0.431329	0.838914	-1.19202	0.8256	1.625376	0.673316	1
cg00479718	PKHA1;PKHA1;PKHA1		0.612101	0.807897	0.892806	-1.12006	0.447168	1.43423	1.43423	0.0781703	0.848568	2.48658	0.342508	1.57652	1.57652	0.345847	1.51283	1.51283	0.19124	1.90425	1.90425	0.686861	1.2076	1.2076	0.486789	1.29101	1.29101	0.351958	1.56184	1.56184	0.825591	2.83297	3.05017	1
cg05551217	SPOP;SPOP;SPOP;SPOP;SPOP;SPOP		0.61212	0.546849	0.882334	-1.13336	0.259601	1.27311	1.27311	0.479679	0.862837	-1.15897	0.347077	1.21993	1.21993	0.608971	0.899486	-1.11175	0.901256	1.02581	1.02581	0.169431	0.74042	-1.35058	0.66612	0.914727	-1.09322	0.489085	1.15522	1.15522	0.825562	0.551193	0.593474	1
cg01053676	PPM1H		0.612124	0.542302	0.754803	-1.32516	0.563736	1.52598	1.52598	0.247049	0.701264	-1.426	0.386895	1.07256	1.07256	0.535138	0.812309	-1.23109	0.730532	0.946306	0.946306	0.768778	1.30077	1.30077	0.0134	0.768778	1.30077	0.0134	0.777631	1.28596	0.825556	1.05572	1.29013	1
cg27481208	ZNF828;ZNF828;ZNF828;ZNF828;ZNF828;ZNF82		0.612133	0.166141	4.22095	4.22095	?	?	?	0.29564	2.87962	2.87962	0.202145	3.71865	3.71865	0.198259	3.76608	3.76608	0.647214	1.56732	1.56732	0.830615	0.811463	-1.23234	0.446269	2.13216	2.13216	0.928819	1.09105	1.09105	0.812206	10.8751	13.3896	1
cg10238396	UGP2;UGP2		0.612147	0.202046	0.345719	-2.89252	?	?	?	0.13014	3.62938	3.62938	0.80156	0.819903	-1.21966	0.696747	0.734323	-1.3618	0.65537	1.42505	1.42505	0.932019	0.934939	-1.06959	0.608547	1.50276	1.50276	0.536671	1.63774	1.63774	0.812184	1.70878	8.75268	1
cg00926192	UBTF;UBTF;UBTF		0.612148	0.276117	1.25506	1.25506	0.610027	1.1019	1.1019	0.606641	1.10976	1.10976	0.446164	0.855797	-1.1685	0.457946	0.859159	-1.16366	0.592842	0.897414	-1.11431	0.434974	1.1732	1.1732	0.871544	0.96807	-1.03298	0.130285	1.38777	1.38777	0.82552	0.525768	0.566127	1
cg13844804	HEATR2		0.612151	0.916622	1.08203	1.08203	0.127843	1.29083	1.29083	0.06133	1.76473	1.76473	0.704934	1.16559	1.16559	0.394321	0.799772	1.25023	0.526515	1.18714	1.18714	0.0993824	0.4805	2.0804	1.0594	0.926155	1.12933	1.12933	0.613983	1.49541	1.49541	0.82367	0.915473	0.8324248	1
cg02881434	LOC100009676;ZBTB11		0.612151	0.257616	1.28749	1.28749	0.888248	0.13053	1.03053	0.757043	1.06863	1.06863	0.598227	1.12046	1.12046	0.0629995	1.56419	1.56419	0.78032	1.06163	1.06163	0.521337	0.870196	-1.14917	0.9104	1.02437	1.02437	0.605714	0.894597	-1.11782	0.825515	0.598193	0.644115	1
cg08510378	PIUB;PUS21;PURB		0.612159	0.219506	0.725977	3.69703	0.0722553	0.74558	1.35268	0.0726135	0.830696	-1.1493	0.671004	0.887548	1.12587	0.0135206	0.807171	1.23899	0.944343	1.05853	1.05853	0.0187307	0.0441153	2.26654	0.870724	0.945801	1.05806	1.05806	0.142852	0.806233	0.850985	0.804213	0.850985	0.644115	1
cg08887742	C2L1		0.612201	0.807497	0.204401	-10.6333	0.938178	0.80984	-1.11008	0.468532	2.69901	2.69901	0.454133	0.358257	-2.79129	0.352259	0.275631	-3.62803	0.578717	0.469963	-2.12783	0.484378	0.387824	-2.57849	0.447025	1.29636	1.29636	0.200452	0.161933	6.1754	6.825502	23.6952	25.5147	1
cg16528895	SULT1C4		0.612173	0.8593	0.83191	-1.20205	0.0675269	0.119503	-8.36803	0.624098	0.599134	-1.66908	0.638223	0.611896	-1.63426	0.250004	0.287412	-3.47933	0.845748	1.15045	1.15045	0.142939	0.322094	-3.10469	0.148013	0.327368	-3.05467	0.452224	0.576334	-1.7351	0.825464	0.76899	0.728909	1
cg01579179	ICAM4;ICAM4;ICAM4		0.612179	0.193374	0.779077	3.69703	0.292622	0.409774	-2.40037	0.219506	0.834853	1.19786	0.672139	0.875198	1.14293	0.571004	0.475918	-2.10127	0.504113	0.773662	-1.29219	0.375931	0.475158	-2.10507	0.344182	0.451036	-2.21712	0.11667	0.248348	-4.0266	0.824273	0.842413	0.850985	1
cg02970394	BRP44;DOAF6;BRP44;BRP44;DCAF6		0.61218	0.88029	0.913899	-1.09421	0.936403	1.04883	1.04883	0.764129	1.19696	1.19696	0.239243	0.478874	-2.08823	0.293748	0.521703	-1.9168	0.952925	0.965344	-1.0359	0.127861	2.67374	2.67374	0.567712	1.41337	1.41337	0.513985	1.48499	1.48499	0.824972	4.66639	5.02488	1
cg01141572	ZNF827		0.612184	0.945296	1.07992	1.07992	0.344257	0.814753	-1.23403	0.197191	0.98193	1.01857	0.981497	0.931933	-1.07337	0.178524	0.560827	-1.78353	0.845748	1.15045	1.15045	0.142939	0.322094	-3.10469	0.148013	0.327368	-3.05467	0.452224	0.576334	-1.7351	0.825464	0.76899	0.728909	1
cg02213103	SOX2OT		0.612185	0.30165	0.463002	-2.15982	0.177615	0.356679	-2.80364	0.446627	0.572252	-1.74748	0.67609	0.739083	-1.35303	0.590058	0.676134	-1.479	0.845748	1.15045	1.15045	0.142939	0.322094	-3.10469	0.148013	0.327368	-3.05467	0.452224	0.576334	-1.7351	0.825464	0.76899	0.728909	1
cg06590470	ENHO		0.612188	0.732471	0.934197	-1.07021	0.806386	0.952601	-1.04976	0.390152	1.19003	1.19003	0.716075	0.930315	-1.0749	0.401393	1.18512	1.18512	0.636829	1.09861	1.09861	0.0731664	0.67375	-1.48424	0.890903	1.02751	1.02751	0.63708	1.09853	1.09853	0.825459	0.511231	0.550514	1
cg21944567	ARL2		0.612195	?	?	?	?	0.854663	1.21368	0.21308	?	?	?	?	?	?	?	?	0.929757	?	?	?	?	?	?	?	?	?	0.370379	0.381422	-2.62177	0.542174	1.85673	8.56151	1
cg16711185	SHC4		0.612206	0.782521	0.92586	-1.08008	0.215574	1.43743	1.43743	0.560289	0.848784	-1.17816	0.798212	1.07393	1.07393	0.354659	0.767141	-1.30354	0.255008	1.39214	1.39214	0.206077	0.688631	-1.44963	0.920802	0.972695	-1.02807	0.973657	0.990849	-1.00924	0.825432	1.03116	1.09105	1
cg22590761	LOXL1;LOXL1		0.612207	0.508497	1.12625	1.12625	0.0552952	0.515763	-1.93959	0.807087	0.850995	1.17605	0.827087	0.905468	-1.10898	0.64672	1.54677	-1.5511	0.459494	1.25816	1.25816	0.0787135	0.950701	-1.05194	0.884773	0.884773	1.13057	1.13057	0.884677	-1.18101	0.708754	1.12122	1.12122	0.82543	1.21556	1.30901	1
cg00409183	ZNF592		0.612217	0.359769	0.831006	-1.20336	0.163823	0.749327	-1.33453	0.47263	1.15445	1.15445	0.549708	1.12637	1.12637	0.801837	1.05068	1.05068	0.726103	1.07159	1.07159	0.383357	0.833832	-1.19213	0.264011	1.22572	1.22572	0.990192	1.00242	1.00242	0.825414	0.5053	0.544158	1
cg14582195	STX12B		0.612232	0.723207	1.13418	1.13418	0.458838	0.732662	-1.36525	0.45794	0.793396	-1.262	0.266589	1.44556	1.44556	0.270935	1.42303	1.42303	0.485153	1.24399	1.24399	0.0466959	1.45153	1.45153	0.714844	1.11927	1.11927	0.427789	0.779413	-1.28298	0.825392	1.32441	1.5063	1
cg11923788	LOC644538		0.612233	0.260948	1.36752	1.36752	0.7209	0.464613	-2.16144	0.264446	-1.78148	0.646085	0.873845	-1.48402	0.894517	1.01671	1.01671	-1.40517	0.483296	-2.06912	0.108595	1.22442	-4.45594	0.627942	0.59063	-1.51731	0.74086	1.32757	1.32757	0.914014	1.0966	1.0966	0.825391	0.52839	0.58264	1
cg01280976	LOC101928716		0.612234	0.758236	0.927349	-1.07843	0.671696	1.12205	1.12205	0.615611	0.883667	-1.13165	0.231775	0.737147	-1.35658	0.339676	0.786303	-1.27178	0.943358	1.01751	1.01751	0.607083	0.880979	-1.1351	0.426979	1.21915	1.21915	0.158225	1.44562	1.44562	0.825379	0.7802	0.840233	1
cg24479590	CHRNB1		0.612246	0.641486	0.90292	-1.1731	0.734905	0.612622	-1.6304	0.182349	0.545	-1.83583	0.515618	1.43866	1.43866	0.151338	0.395173	-2.53154	0.650646	1.33473	1.33473	0.140696	0.950456	-1.05258	0.717948	0.717948	-1.39305	0.438668	0.620644	-1.61114	0.825352	4.76468	5.12463	1
cg12933903	SGOL1;SGOL1;SGOL1;SGOL1;SGOL1;SG OL1		0.612261	0.848357	0.922222	-1.08432	0.333807	0.656022	-1.52434	0.234085	0.590071	-1.69471	0.643431	1.21791	1.21791	0.571198	0.78505	-1.2738	0.547861	0.773234	-1.29327	0.105175	0.472976	-2.11427	0.834488	0.915319	-1.09252	0.185306	0.552102	-1.81126	0.825349	2.3377	2.51767	1
cg20086888	3		0.612264	0.567635	0.855216	-1.1693	0.073743	0.582934	-1.71546	0.877281	1.04272	1.04272	0.763991	1.08494	1.08494	0.774331	0.925123	-1.08094	0.624504	1.14289	1.14289	0.939744	0.97974	-1.02068	0.74037	0.913903	-1.09421	0.244352	1.3906	1.3906	0.825344	0.958127	1.0319	1
cg08409020	SNX29		0.612267	0.337027	0.740502	-1.35045	0.4092	0.515763	-1.93959	0.807087	0.9526	-1.04974	0.438374	1.15096	1.15096	0.482708	0.850495	-1.17594	0.453593	1.2427	1.2427	0.489911	0.995652	-1.00437	0.771528	1.13656	1.13656	0.151199	0.588568	-1.69904	0.825193	1.15249	1.67203	1
cg18105854	HES1		0.612273	0.68598	1.08878	1.08878	0.899469	1.0268	1.0268	0.0656223	1.54088	1.54088	0.686264	1.08869	1.08869	0.442938	1.17786	1.17786	0.665817	1.09519	1.09519	0.502425	0.872556	-1.14606	0.400189	0.835092	-1.19747	0.598899	1.11747	1.11747	0.825329	0.572406	0.616488	1
cg05855122	TAF10		0.612276	0.688934	1.08878	1.08878	0.129751	0.608818	-1.64253	0.489334	0.889146	-1.12487	0.282321	0.713996	-1.40055	0.451127	0.793335	-1.2605	0.413569	0.77721	-1.28665	0.192188	0.659515	-1.51627	0.237326	0.709067	-1.4103	0.958279	1.0159	1.0159	0.825325	1.18848	1.28801	1
cg20263156	SCARA5		0.612282	0.304877	0.559032	-1.78881	0.994697	0.996369	-1.00364	0.240051	0.510022	-1.9607	0.514904	0.696674	-1.43539	0.120833	0.398209	2.51125	0.436637	0.647689	-1.54395	0.932474	0.954675	-1.04748	0.124962	0.402913	-2.48193	0.603356	0.750582	-1.3323	0.825316	3.91581	4.21744	1
cg20715589	ENKUR;TMNSL1		0.612297	0.357421	0.678834	-1.47311	0.880918	0.940489	-1.06328	0.649356	1.20605	1.20605	0.176182	1.80145	1.80145	0.751766	0.878199	-1.13869	0.64663	0.827843	-1.20796	0.159902	0.540848	-1.84895	0.707388	0.856981	-1.16689	0.385077	0.694556	-1.43977	0.825293	2.18966	2.3584	1
cg00442568	FRAS1;FRAS1		0.612316	0.512529	0.735802	-1.35901	0.954734	0.974411	-1.02656	0.0302502	2.4498	2.4498	0.162655	0.640207	-1.56214	0.0238644	0.562599	-1.7782	0.304184	1.64006	1.64006	0.188022	0.926084	-1.07982	0.787915	1.18309	1.18309	0.864835	1.02056	1.02056	0.825265	2.78652	3.00135	1
cg25308542	MIR17HG;MIR17HG		0.612338	0.654118	1.22881	1.22881	0.209106	0.546135	-1.83105	0.879474	0.933032	-1.07179	0.957668	0.97604	-1.02455	0.647934	0.810544	-1.23374	0.522295	0.743584	-1.34484	0.324602	0.628288	-1.59163	0.188502	1.89	1.89	0.400859	0.148123	0.148123	0.82523	2.72815	2.93861	1
cg05008551	UBB		0.612342	0.249777	1.16462	1.16462	0.447011	0.83118	-1.20318	0.814402	1.0302	1.0302	0.864491	1.02181	1.02181	0.844849	1.0915	1.0915	0.748443	1.09047	1.09047	0.0464162	0.811212	1.0915	1.0915	1.10255	1.10255	0.822626	0.820884	-1.22233	0.825282	0.450812	0.49225	1
cg22083815	CCDC28B		0.612344	0.566843	1.19098	1.19098	0.84214	1.06205	1.06205	0.943955	1.02145	1.02145	0.214524	0.674003	-1.48367	0.1598	0.635401	-1.57381	0.526853	1.2136	1.2136	0.536667	0.827873	-1.20792	0.421358	1.28146	1.28146	0.499776	1.22976	1.22976	0.825224	1.19136	1.28327	1
cg01146232	SALL1;SALL1		0.612345	0.11971	0.608627	-1.64304	0.902358	1.03676	1.03676	0.5983	1.16926	1.16926	0.273882	1.39778	1.39778	0.256657	0.705939	-1.41655	0.973163	1.00994	1.00994	0.604676	0.857612	-1.16603	0.528177	0.82864	-1.2068	0.944609	1.02065	1.02065	0.825222	1.13062	1.21785	1
cg22120714	KCNH4		0.612359	0.442557	0.449049	-2.22691	0.870712	1.18065	1.18065	0.106372	1.59154	1.59154	0.641823	0.9128	1.0128	0.99154	0.641823	1.5828	0.887997	1.08426	1.08426	0.102621	0.842915	1.08426	1.08426	0.4364	0.813382	1.27288	1.27288	0.663934	1.56225	1.56225	0.825208	3.51401	3.82547	1
cg17048169	NGEF;NGEF		0.612362	0.887729	0.946568	-1.05645	0.26753	1.56675	1.56675	0.0896732	2.0695	2.0695	0.414833	1.38266	1.38266	0.863669	0.935375	-1.06909	0.947647	0.974796	-1.02586	0.503817	1.30176	1.30176	0.918888	0.961177	-1.04039	0.387578	0.708741	-1.41085	0.825194	1.97496	2.1274	1
cg09685500	KCNH4		0.612363	0.725553	0.949379	-1.05312	0.732667	1.36468	1.36468	0.385851	0.807473	-1.23843	0.611303	0.90586	-1.10392	0.604564	0.807355	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1477 vs. 353T)	Fold-Change(1477 vs. 353T)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11208447	SCNN1A;SCNN1A;SCNN1A	0.612889	0.37656	1.77267	1.77267	1.05747249	0.88006	1.38006	0.618455	1.37269	1.37269	0.92026	0.938781	-1.08521	0.924691	0.942095	-1.06146	0.322632	1.90517	1.90517	0.427807	1.66655	1.66655	0.881284	0.910026	-1.09887	0.383666	1.75695	0.824179	5.19688	5.60355	1
cg17512364	HOXD12	0.612889	0.664996	1.12868	1.12868	0.390318	0.783045	-1.27707	0.879418	1.04308	0.38786	1.27877	1.27877	0.466358	0.813875	1.22869	0.241081	1.4063	1.4063	0.926839	0.974806	-1.02585	0.119687	1.59854	1.59854	0.802403	1.07215	1.07215	0.824377	1.00786	1.08673	1
cg14651332	FBXL1	0.612906	0.616155	1.09557	1.09557	0.118028	1.35866	1.35866	0.759108	1.05711	1.05711	0.538358	0.893597	-1.11907	0.355846	0.842397	-1.18709	0.549545	0.896421	-1.11555	0.345865	1.19161	1.19161	0.549125	1.11568	1.11568	0.660756	0.923347	-1.08302	0.824366	0.425756	0.45908	1
cg09300567	MYO1D	0.612907	0.822118	1.21801	1.21801	0.611383	0.638401	-1.5646	0.223077	1.0639	1.0639	0.330792	0.240825	2.40825	0.414646	0.509935	-1.96103	0.587797	0.618878	-1.61583	0.302954	0.392756	-2.54611	0.373845	0.449542	-2.22448	0.496802	1.82965	1.82965	0.824365	1.01054	10.7993	1
cg21700332	STEAP2;STEAP2	0.612908	0.583355	1.16887	1.16887	0.693309	1.11813	1.11813	0.717065	0.920994	-1.08578	0.373942	1.29317	1.29317	0.577775	1.17164	1.17164	0.558048	1.1816	1.1816	0.301431	0.603395	-1.65729	0.338402	0.757306	-1.32047	0.847962	0.947368	0.824364	1.03603	1.11712	1
cg08263387	LOC400931;MIRLET7B	0.612911	0.475673	1.4299	1.4299	0.112355	2.3449	2.3449	0.191132	1.97862	1.97862	0.921478	1.04981	1.04981	0.452828	0.685837	-1.45794	0.790431	1.14033	1.14033	0.317896	1.66361	1.66361	0.886127	1.54965	1.54965	0.838021	1.10619	1.10619	0.824359	3.17357	3.42199	1
cg15461516	CHST1	0.612921	0.70327	0.926533	-1.07929	0.760459	0.940851	-1.06287	0.107463	0.704486	-1.41948	0.331535	0.818932	-1.2211	0.109581	0.706226	-1.41598	0.785829	0.947141	-1.05581	0.78859	0.947824	-1.05505	0.609914	1.10804	1.10804	0.998671	1.00033	1.00033	0.824343	0.519026	0.559665	1
cg14727188	RNASE1	0.612922	0.650654	0.500892	-1.99644	0.600023	0.818117	-1.19315	0.932692	1.03293	1.03293	0.598186	0.837357	-1.19423	0.479493	1.27116	1.27116	0.389854	1.34192	1.34192	0.956848	0.982102	-1.01822	0.819982	0.934748	-1.06981	0.550353	0.817219	-1.23366	0.824334	1.45441	1.5683	1
cg23859292	ABCB4;ABCB4;ABCB4	0.612933	0.327773	0.97932	-1.47076	0.784379	0.85281	-1.17259	0.805824	0.910232	-1.09862	0.697322	0.30053	3.30053	0.187627	0.586677	-1.70452	0.936846	1.03073	1.03073	0.30367	1.50208	1.50208	0.298217	1.50954	1.50954	0.588391	1.23203	1.23203	0.824326	1.90405	2.05318	1
cg18604568	DPYSL3	0.612938	0.438662	1.10448	1.10448	0.22704	0.85253	-1.17298	0.252419	0.860368	-1.16229	0.980382	0.996912	-1.0031	0.567936	1.07532	1.07532	0.965438	0.994564	-1.00547	0.221147	0.850615	-1.17562	0.392688	1.11645	1.11645	0.937439	0.990173	-1.00992	0.824318	0.206611	0.222796	1
cg18412871	GPR180	0.612945	0.702783	0.82847	-1.20704	0.867471	0.921585	-1.08547	0.864641	1.08741	1.08741	0.514937	0.923079	-1.08298	0.936047	1.06843	1.06843	1.04871	1.03737	1.03737	0.624007	0.705806	0.833757	-1.20227	0.929446	1.07544	1.07544	0.689023	1.21839	1.21839	0.824308	1.14788	1.3945	1
cg02769206	SSH1;SSH1;SSH1	0.612945	0.581403	0.754223	-1.32587	0.801777	0.880364	-1.13589	0.163474	2.12406	2.12406	0.627113	1.28143	1.28143	0.254587	0.547406	-1.8268	0.406839	0.650631	-1.53697	0.420629	1.51703	1.51703	0.579706	1.32758	1.32758	0.534887	1.37484	1.37484	0.824308	3.34972	3.61216	1
cg13765183	HK1;HK1;HK1;HK1;HK1	0.612951	0.316943	0.41812	-2.39166	0.8589	1.16178	1.16178	0.440192	0.461453	-2.16708	0.969628	1.09698	1.09698	0.247924	0.561358	-1.78024	0.736892	0.75425	-1.32661	0.606859	0.168513	-5.93413	0.531603	0.586227	-1.70568	0.835311	0.891001	-1.19375	0.824298	9.2704	9.99682	1
cg13205771	KIFC1	0.612952	0.600008	0.820774	-1.21901	0.375036	1.40474	1.40474	0.154603	0.744202	0.745801	-1.34084	0.626062	0.833863	1.43963	-1.19924	0.451621	0.751066	-1.33144	0.304959	1.48666	1.48666	0.370597	1.72408	1.72408	0.813533	0.915579	-1.0922	0.528791	0.788054	-1.26895	0.824297	1.81896	1.9615	1
cg05315670	BAD;BAD FAM160B1;FAM160B1;FAM160B1;FAM	0.612961	0.58909	0.800123	-1.24981	0.762347	1.13203	1.13203	0.364299	0.683043	-1.46404	0.115412	0.20345	0.20345	0.398735	0.898587	-1.11286	0.62406	0.817109	-1.22383	0.281004	0.632433	-1.58119	0.98635	1.00702	1.00702	0.471893	1.34881	1.34881	0.824282	2.18277	2.35385	1
cg11243835	160B1	0.612962	0.393216	0.849278	-1.17747	0.716576	1.07047	1.07047	0.106537	1.38983	1.38983	0.960974	0.990902	-1.00918	0.41676	0.856398	-1.16768	0.759929	0.944359	-1.05892	0.354471	0.836996	-1.19475	0.755084	0.943225	-1.06019	0.489946	1.13996	1.13996	0.824281	0.455482	0.491184	1
cg15574895	FAF1	0.612963	0.433849	0.700239	-1.42808	0.327693	0.837156	-1.5606	0.844583	1.09215	1.09215	0.614338	1.25447	1.25447	0.62934	1.24235	1.24235	0.786438	1.12882	1.12882	0.209803	1.80582	1.80582	0.251162	1.70741	1.70741	0.249316	1.7113	1.7113	0.82428	2.59915	2.80288	1
cg18634734	NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	0.612967	0.733403	0.884177	-1.1311	0.861871	0.939109	-1.06471	0.626202	0.837995	-1.19332	0.954525	0.980075	-1.02033	0.950516	1.05114	-1.05828	0.323848	0.69291	-1.44319	0.016844	0.512402	-1.95159	0.342439	0.703149	-1.42217	0.276846	1.502666	1.502666	0.82427	1.69247	1.82515	1
cg04408790	TECPR2 TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-	0.612975	0.183101	2.38093	2.38093	0.942849	0.956926	-1.04501	0.57906	1.41077	1.41077	0.274261	2.01098	2.01098	0.785303	1.18257	1.18257	0.82149	0.870417	-1.14887	0.20996	2.25099	2.25099	0.288545	1.9672	1.9672	0.154148	2.55189	2.55189	0.824261	4.92323	5.30925	1
cg06756369	DISC1;DISC1;TSN PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B; PRKAR1B;PRKAR1B	0.612989	0.650104	0.91974	-1.08726	0.0902774	0.71035	-1.40776	0.660488	0.922214	-1.08435	0.874416	0.971438	-1.0294	0.305396	0.8233	-1.21462	0.23346	0.795436	-1.25717	0.137777	0.746174	-1.34017	0.679181	0.926637	-1.07917	0.541795	0.893019	-1.1198	0.824241	0.438154	0.47252	1
cg03472954	PRKAR1B;PRKAR1B	0.612992	0.184627	1.60794	1.60794	0.659369	1.16152	1.16152	0.72197	0.886389	-1.12817	0.991289	1.00369	1.00369	0.652927	1.16509	1.16509	0.44637	1.29951	1.29951	0.607238	1.20448	1.20448	0.614278	1.18829	1.18829	0.970191	0.987466	-1.01269	0.824235	1.4873	1.60396	1
cg22890950	PPAPDC1A	0.613008	0.656106	0.835643	-1.19668	0.204037	0.584487	-1.7109	0.894182	1.05476	1.05476	0.497541	0.758878	-1.31774	0.278044	0.636418	-1.57129	0.621412	0.819196	-1.22071	0.25414	0.620604	-1.61133	0.07867 41	0.457306	-2.18672	0.618348	0.817737	-1.22289	0.82421	2.09513	2.25954	1
cg09698548	CA3	0.613018	0.393137	0.645501	-1.54918	0.837709	0.923488	-1.08285	0.491582	0.704993	-1.41845	0.500784	0.140769	1.40769	0.612606	0.779727	-1.2825	0.354271	1.61105	1.61105	0.177748	2.04761	2.04761	0.705771	1.209	1.209	0.240855	1.84856	1.84856	0.824165	3.26839	3.52506	1
cg05102052	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.613035	0.185253	0.35333	-2.83022	0.768169	1.2447	1.2447	0.886594	0.899718	-1.11146	0.598697	0.674844	-1.48182	0.144553	0.313308	-3.19175	0.643147	0.707864	-1.4127	0.203265	0.368894	-2.70348	0.247008	0.408034	-2.45078	0.339081	0.482053	-2.07446	0.824147	7.15801	7.72012	1
cg03109200	PTPN2;PTPN2;PTPN2;PTPN2	0.613053	0.370076	0.797413	-1.25429	0.544866	0.914146	-1.09388	0.642513	1.08193	1.08193	0.842513	0.98194	-1.01794	0.157687	0.634991	-1.57497	0.308554	0.808315	-1.23725	0.170886	0.31808	-3.14459	0.054443	0.184143	-5.42641	0.00775	0.328064	-3.04775	0.208518	0.851544	1	1
cg04491635	USP2	0.613055	0.384152	2.94529	2.94529	0.246295	4.35895	4.35895	0.18265	1.56508	5.5508	0.759414	1.4486	1.4486	0.524571	2.17761	2.17761	0.349383	3.21183	3.21183	0.263381	0.246863	-4.05083	0.959676	1.06722	1.06722	0.812473	0.750755	-1.33199	0.824088	18.6736	17.5366	1
cg05020252	EFHD1;EFHD1	0.613063	0.566259	1.36422	1.36422	0.55151	1.36287	1.36287	0.634351	1.41598	1.41598	0.631581	1.36145	1.36145	0.262281	1.8074	1.8074	0.375082	0.6306559	-1.58564	0.63504	0.356734	0.625288	-1.59926	0.993691	-1.00211	0.214884	0.993691	0.786128	1.14766	1.14766	0.824128	3.34682	3.96081	1
cg20101489	SCG2;SCG2	0.613069	0.361553	0.527511	-1.89569	0.245316	2.31273	2.31273	0.969803	1.02567	1.02567	0.388374	1.82518	1.82518	7	?	?	?	?	?	0.467202	1.65058	1.65058	0.670586	0.750034	-1.33327	0.375193	1.85899	1.85899	0.813328	4.12356	3.62142	1
cg06468908	COL25A1;COL25A1;COL25A1;COL25A1	0.613069	0.968017	1.00744	1.00744	0.546073	1.11958	1.11958	0.137164	1.34449	1.34449	0.828157	1.04101	1.04101	0.684667	0.927719	-1.07791	0.57018	0.89342	-1.11192	0.171708	0.764136	-1.30867	0.412613	0.856523	-1.16751	0.877445	0.971872	-1.02894	0.824118	0.446173	0.481239	1
cg25320086	FTCD;FTCD	0.613086	0.401827	0.636517	-1.57105	0.527552	0.713918	-1.40072	0.393472	0.631156	-1.58439	0.815041	1.1313	1.1313	0.134077	0.427147	-2.34111	0.815675	1.1339	1.1339	0.20168	0.49174	-2.0336	0.992392	0.994093	-1.00503	0.180549	0.473033	-2.11402	0.824092	3.61765	3.9021	1
cg04150125	SNCAIP	0.613108	0.633302	1.15403	-1.15603	0.29556	1.2956	1.2956	0.513746	0.74183	-1.34783	0.424183	0.723928	1.38075	0.309111	0.615737	-1.62407	0.9897	1.00184	1.00184	0.988204	0.986523	-1.0154	0.954883	0.946533	-1.05702	0.743833	0.888007	1.02248	0.824044	10.272	10.1884	1
cg03694261	C11orf63;C11orf63	0.613122	0.249095	0.601186	-1.66338	0.925131	1.0405	1.0405	0.92648	1.038	1.038	0.163189	0.533296	-1.87513	0.187068	0.55395	-1.80522	0.372643	0.679354	-1.47199	0.559054	0.779141	-1.28346	0.159871	0.530281	-1.88579	0.733883	0.865768	-1.15504	0.824037	3.28256	2.51182	1
cg08625468	SLC16A6;ARSG	0.613125	0.690836	0.932	-1.07296	0.490149	1.13143	1.13143	0.22184	1.25381	1.25381	0.468506	0.878159	-1.13875	0.817086	0.960009	-1.04166	0.795432	1.04683	1.04683	0.163675	0.769631	-1.29932	0.660726	0.925146	-1.08091	0.355996	1.18205	1.18205	0.824033	0.404988	0.436862	1
cg20966423	TUBB6	0.613133	0.214532	1.4055	1.4055	0.553779	1.51284	1.51284	0.144088	0.607651	-1.64586	0.276998	0.760515	-1.28117	0.208353	0.708108	-1.41193	0.127633	1.12008	1.12008	0.67088	1.34349	1.34349	0.944328	0.952603	-1.04942	0.978597	0.977397	-1.02313	0.824025	0.62754	0.67375	1
cg16052317	3;TTC23	0.613134	0.473487	0.734707	-1.36109	0.938099	1.03322	1.03322	0.29735	1.5791	1.5791	0.74975	1.1226	1.1226	0.379172	0.647426	-1.54458	0.720064	0.858841	-1.16436	0.123665	0.494035	-2.02415	0.409382	0.699928	-1.42872	0.40655	1.698347	-1.43195	0.824001	2.33354	2.51727	1
cg12618910	TTC23;TTC23;TTC23;TTC23;TTC23;TTC2 CRTAP	0.613151	0.26425	0.776429	-1.28795	0.716962	0.923882	-1.08239	0.525265	1.15026	1.15026	0.660155	1.101	1.101	0.595749	0.890088	-1.12348	0.204714	1.33778	1.33778	0.88046	1.03327	1.03327	0.155659	1.39147	1.39147	0.833853	1.04674	1.04674	0.823994	0.617135	0.665738	1
cg16697493	RAB11FIP3	0.613151	0.275934	0.869673	-1.15123	0.659713	0.958256	-1.04356	0.542551	0.942406	-1.06111	0.269809	0.11693	1.11693	0.450151	0.70686	-1.07686	0.247788	1.23131	1.23131	0.35807	0.913064	-1.09521	0.716504	0.965514	-1.03572	0.905366	0.101151	0.821155	0.823993	0.120853	0.130171	1
cg12444761	SPRED1	0.613166	0.964072	1.03609	1.03609	0.155519	1.32847	1.32847	0.268564	0.836854	-1.19516	0.646855	0.23688	1.23688	0.285299	0.625541	-1.59872	0.644808	0.861503	-1.16091	0.363503	0.16305	-6.13315	0.163305	0.207208	-4.82694	0.132398	0.155113	1.16274	0.824013	1.46173	1.58055	1
cg06879226	FRMD4A	0.613168	0.694045	0.826437	-1.21001	0.926775	1.04532	-1.04532	0.104336	0.424805	-2.35402	0.882028	1.07423	1.07423	0.345337	0.625853	-1.59782	0.516639	1.37309	1.37309	0.572937	0.759826	-1.31609	0.180154	0.503433	-1.98636	0.783855	1.14177	1.14177	0.823968	3.03407	3.27312	1
cg22207272	CADM1;CADM1	0.613187	0.216287	1.54896	1.54896	0.747825	1.08947	1.08947	0.614046	0.942798	-1.06071	0.314247	1.13247	1.13247	0.416264	1.32202	1.32202	0.894994	1.04515	1.04515	0.140415	0.410003	2.43845	0.803115	0.753445	1.32747	0.913747	0.924468	1.08218	0.823958	0.902965	0.947325	0.894	1
cg05034176	NCRNA00087	0.613174	0.19623	0.251947	-3.96909	0.903077	1.13076	1.13076	0.723661	1.43063	1.43063	0.185842	0.41662	0.41662	0.811958	0.81958	1.27644	1.27644	0.226095	0.277417	-3.60468	0.516826	0.515294	-1.94064	0.549299	0.542696	-1.84265	0.98315	0.978921	-1.02153	0.823958	13.2793	14.3258	1
cg03040946	HAUS7 SLC30A7;SLC30A7;EXTL2;SLC30A7;SLC3	0.613179	0.276439	0.419896	-2.38154	0.836878	0.853827	-1.1712	0.46895	0.568487	-1.75906	0.23285	2.60891	2.60891	0.975751	1.02357	1.02357	0.127961	0.283247	-3.53048	0.783603	0.809762	-1.23493	0.880937	1.12175	1.12175	0.610414	1.48269	1.48269	0.823951	7.56736	8.27165	1
cg20401181	0A7;EXTL2	0.613199	0.436675	0.849335	-1.17739	0.374661	0.828936	-1.20637	0.525077	1.14173	1.14173	0.1362	0.718613	-1.39157	0.927976	0.981566	-1.01878	0.205473	0.75965	-1.3164	0.218967	0.766387	-1.30482	0.770646	0.941613	-1.06201	0.461451	0.857018	-1.16688	0.823892	0.55268	0.596261	1
cg07778800	SYS1;SYS1-DBNDD2	0.613208	0.136518	1.72402	1.72402	0.136317	1.78704	1.78704	0.27058	0.703993	1.76501	0.013761	0.648936	1.08061	0.096666	0.919392	1.0884	0.185866	0.753965	-1.32664	0.214893	0.684146	-1.46121	0.159267	0.998202	-1.0018	0.557924	1.12671	1.12671	0.823897	0.528899	0.570613	1
cg27624702	MYO7A;MYO7A;MYO7A	0.613225	0.72062	0.927239	-1.07847	0.369174	0.823645	-1.21412	0.314098	0.803321	-1.24483	0.627896	0.914547	-1.09344	0.695459	0.920574	-1.08628	0.183133	0.742945	-1.34599	0.232656	1.3012	1.3012	0.525414	1.14495	1.14495	0.473055	0.857685	-1.16593	0.823881	0.577418	0.622979	1
cg03036541	EIN2	0.613231	0.358091	0.837274	-1.1965	0.293025	1.23205	1.23205	0.450852	0.864231	-1.15699	0.954363	0.980196	-1.01092	0.293387	0.791477	-1.26346	0.962374	0.990138	-1.00904	0.226668	0.98019	1.02042	0.972044	1.27244	1.27244	0.619378	0.932681	-1.0838	0.588113	1.10936	1.10936	0.823869	0.4701	0.507201	1
cg20442949	TSPAN17;TSPAN17;TSPAN17	0.613232	0.632449	1.12843	1.12843	0.105038	0.914249	-1.14249	0.444244	0.746424	0.776329	-1.29079	0.795679	-1.25679	0.375478	0.681979	-1.47478	0.507862	0.583305	-1.71437	0.643818	0.688265	-1.45291	0.813936	0.827639	-1.20824	0.246589	1.378235	-2.64386	0.823852	8.40108	8.09429	1
cg24007552	CDK13;CDK13	0.613235	0.371928	2.56706	2.56706	0.277314	0.312162	-3.20346	0.683473	1.52231	1.52231	0.470225	2.11963	2.11963	0.258987	3.36735	3.36735	0.620157	1.66925	1.66925	0.185224	4.27229	4.27229	0.346718	2.70999	2.70999	0.406358	2.39428	2.39428	0.827895	13.4665	12.6513	1
cg09926166	HIK1	0.613262	0.583637	1.37787	1.37787	0.779815	1.1705	1.1705	0.885918	1.08656	1.08656	0.733164	1.16497	1.16497	0.562554	1.24091	1.24091	0.370152	1.70504	1.70504	0.168734	1.99115	1.99115	0.827876	1.42185	1.42185	0.842973	1.72151	1.72151	0.827876	4.29185	4.03213	1
cg13380109	TLR9	0.613267	0.413946	0.799988	-1.35137	0.252775	0.533832	1.53832	0.207816	1.61423	1.61423	0.25035	0.339324	0.339324	0.132428	0.432854	0.749324	1.33454	0.370614	1.39303	1.39303	0.540591	1.25027	1.25027	0.706498	0.872497	-1.14614	0.496855	0.779796	-1.28239	0.823818	1.69613	1.83011	1
cg03049196	LRDD;LRDD;LRDD APBB2;APBB2;APBB2;APBB2;APBB2;AP	0.613272	0.336106	1.36951	1.36951	0.43539	1.28699	1.28699	0.933527	0.973899	-1.0268	0.956554	1.01742	1.01742	0.42666	0.773109	-1.29348	0.400592	1.31362	1.31362	0.117097	1.71551	1.71551	0.408714	1.30722	1.30722	0.271384	1.43767	1.43767	0.823809	1.31148	1.41509	1
cg26244738	B82;APBB2	0.613274	0.268817	2.14176	2.14176	0.909447	1.01941	1.01941	0.67926	1.02662	1.08554	1.08554	0.283377	1.20717	1.20717	0.513331	0.894062	-1.11849	0.67227	1.07452	1.07452	0.171101	0.781785	-1.27912	0.414083	0.868457	-1.15147	0.880122	1.02582	1.02582	0.823807	0.372309	0.401722	1
cg21422740	GABRD	0.613276	0.535532	0.87952	-1.13696	0.343157	0.76704	-1.30378	0.270258	0.819041	-1.22066	0.766414	0.900152	1.00806	-1.07752	0.881853	-1.13402	0.641852	1.13162	1.13162	0.474103	0.624501	-1.60201	0.127619	0.6958	-1.43743	0.176642	1.76642	0.48089	1.53294	1.53294	0.823855	4.59388	4.20536	1
cg07753939	ABCA3	0.613296	0.944661	1.0352	1.0352	0.890979	0.933771	-1.07093	0.270341	0.56446	-1.77161	0.727172	1.19069	1.19069	0.408198	0.656046	-1.52428	0.136075	0.449181	-2.22627	0.117451	0.428583	-2.33327	0.898979	1.06533	1.06533	0.849107	0.909457	-1.09956	0.823773	3.23927	3.49532	1
cg21476003	PPP4R4	0.613297	0.407097	1.49746	1.49746	0.282817	1.1395	1.1395	0.200016	0.830241	-1.20428	0.623397	1.35081	1.35081	0.194056	0.740652	-1.35013	0.82855	0.874114	1.1442	0.905267	1.10299	1.10299	0.626668	1.27244	1.27244	0.619378	0.932681	-1.0838	0.588113	1.10936	1.10936	0.823849	0.4701	0.507201	1
cg01048346	AMN1;AMN1	0.613305	0.594705	1.12687	1.12687	0.58464	1.08444	-1.13071	0.559545	0.876992	-1.14026	0.769935	1.06741	1.06741	0.398202	1.21217	1.21217	0.904453	1.02707	1.02707	0.068267	1.57363	1.57363	0.320592	1.25645	1.25645	0.926199	0.979602	-1.02082	0.823759	0.645558	0.696598	1
cg00937510	TMEM161B	0.613343	0.315481	0.689875	-1.44954	0.595688	0.825678	-1.21113	0.290259	1.48081	1.48081	0.737397	1.12791	1.12791	0.532903	0.797787	-1.25347	0.528201	0.795662	-1.25682	0.169275	0.592274	-1.68841	0.950445	0.978014	-1.02248	0.367961	1.39205	1.39205	0.823702	1.66907	1.80116	1
cg08509142	GPR158;LOC100128811	0.613354	0.61863	1.33744	1.33744	0.670222	1.28528	1.28528	0.663806	1.28839	1.28839	0.645901	1.42492	1.42492	0.728411	1.22381	1.22381	0.370152	1.70504	1.70504	0.168734	1.99115	1.99115	0.827876	1.42185	1.42185	0.842973	1.72151	1.72151	0.827876	4.29185	4.03213	1
cg17818873	CREB3L4	0.613364	0.971527	0.988458	-1.01168	0.736995	1.11587	1.11587	0.3102	0.710665	-1.40713	0.778409	1.0961	1.0961	0.153434	0.608242	-1.64408	0.975441	0.990037	-1.01006	0.287774	1.43188	1.43188	0.672806	1.14816	1.14816	0.258382	0.681413	-1.46754	0.823671	1.38015	1.48943	1
cg19457909	BCAS3;BCAS3	0.613368	0.225137	0.410484	-2.43615	0.770568	0.803176	-1.24472	0.629559	0.880376	-1.13623	0.759338	0.929173	1.07611	0.362866	0.768719	0.597327	-1.67412	0.155451	0.83893	-1.19203	0.146501	0.467702	-2.13844	0.501474	0.816489	0.972802	-1.02837	0.662442	0.788306	0.823655	0.84084	0.980059	1
cg02675312	GABARAPL1 CHRM2;CHRM2;CHRM2;CHRM2;CHRM	0.613338	0.972405	0.987804	-1.01235	0.852508	1.06825	1.06825	0.79704	1.09574	1.09574	0.0995499	0.52709	-1.89721	7	?	?	0.399288	0.736303	-1.35814	0.186296	0.608323	-1.64386	0.753068	1.11847	1.11847	0.751013	0.893215	-1.11955	0.810274	1.43552	1.77164	1
cg14944166	2;CHRM2;CHRM2;CHRM2	0.613387	0.68294	0.920944	-1.08584	0.165879	0.743546	-1.34491	0.573096	0.802093	-1.12096	0.857476	0.964592	-1.03671	0.475805	0.864667	-1.15651	0.948125	0.987037	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 37 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Error)	SS(Test)	SS(Error)	F(Error)
cg01630728	KCNQ2;KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.613931	0.975289	0.854084	-1.16961	0.646008	0.776338	-1.2881	0.125264	2.48011	0.741141	1.19808	1.19808	0.80866	1.14365	1.14365	0.275622	0.537496	-1.86048	0.261765	0.526969	-1.89764	0.962087	1.02636	1.02636	0.539912	1.40452	1.40452	0.822808	3.9049	4.21851	1
cg06206831	SLC7A11	0.613933	0.98609	1.00387	1.00387	0.294188	0.785856	-1.2725	0.656551	0.905627	-1.10421	0.948511	0.985798	-1.01441	0.469774	0.846493	-1.1769		0.0874441	1.51876	1.51876	0.474249	1.17491	1.17491	0.994756	1.00146	1.00146	0.599599	1.12449	1.12449	0.822805	0.639279	0.690623	1
cg24858279	CBX6	0.613938	0.168698	0.680534	-1.46943	0.612767	1.14332	1.14332	0.310647	1.13692	1.13692	0.954567	1.10506	1.10506	0.89981	0.967485	-1.03361		0.7117454	0.907193	-1.1023	0.818617	1.06213	1.06213	0.166357	0.6789	-1.47297	0.526506	1.18342	1.18342	0.822797	0.897445	0.969533	1
cg15947721	SGK196	0.613942	0.579003	0.875727	-1.14191	0.838358	0.952788	-1.04955	0.374864	0.806015	-1.24067	0.374573	0.805903	-1.24084	0.682452	1.1023	1.1023		0.576702	0.875007	-1.14285	0.102026	1.52767	1.52767	0.227626	0.857661	-1.16596	0.525905	0.858839	-1.16436	0.822795	0.730528	0.789215	1
cg25873875	NCOR1	0.614084	0.148524	0.485265	-2.06203	0.364848	0.652934	-1.53155	0.478005	0.718759	-1.39129	0.40454	0.47766	-1.47766	0.397585	0.672698	-1.48655		0.309596	0.617931	-1.6183	0.51693	0.740208	-1.35097	0.268647	0.590104	-1.69462	0.893663	1.06314	1.06314	0.822733	2.73104	2.95064	1
cg04001014	CHL1	0.613983	0.306716	1.6721	1.6721	0.479016	1.41853	1.41853	0.968101	0.98076	-1.01962	0.546498	0.743439	-1.3451	0.480959	1.41627	1.41627		0.576716	0.760365	-1.31516	0.284786	1.71561	1.71561	0.734415	0.84753	-1.1799	0.174384	0.495639	-2.0176	0.822729	3.07531	3.32261	1
cg14723146	GPR155;GPR155	0.613988	0.153323	0.876019	-1.14153	0.532768	0.875378	-1.14171	0.837554	0.94615	-1.06198	0.785307	0.964429	-1.03688					0.9875501	0.997934	-1.00208	0.740781	0.9969151	0.9969151	1.20183	1.20183	0.822772	0.220255	0.247693	1
cg00987176	NFKB2;NFKB2;NFKB2;NFKB2;NFKB2	0.613996	0.263026	0.702553	-1.42338	0.822693	1.52462	1.53462	0.521911	0.72681	-1.37629	0.26698	0.742744	0.906511	-1.10313	0.996831	1.0012	1.0012	0.703759	1.12253	1.12253	0.821748	-1.21692	0.251286	0.695844	-1.4371	0.822709	1.19264	1.28858	1
cg00111663	ZDHHC7;ZDHHC7	0.613998	0.376417	1.38979	1.38979	0.544534	1.24908	1.24908	0.138577	1.78281	1.78281	0.136038	1.79051	1.79053	0.824461	1.08389	1.08389		0.2514765	1.54413	1.54413	0.995368	0.997897	-1.00211	0.517326	1.26877	1.26877	0.631554	0.839285	-1.19549	0.822707	1.7314	1.85123	1
cg13420744	DHRS3	0.614009	0.503534	1.49684	1.49684	0.144436	1.28287	1.28287	0.188377	1.28371	1.2284	0.980031	1.07729	1.07729	0.89972	1.28285	-1.12695		0.1691552	2.3867	2.3867	0.14794	2.51503	2.51503	0.126051	2.67388	2.67388	0.902801	1.07529	1.07529	0.822689	4.60004	4.97019	1
cg24555360	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.614011	0.0675482	1.43436	1.43436	0.901411	0.978409	-1.02207	0.347271	0.843282	-1.18584	0.988243	1.0026	1.0026	0.159192	0.900473	-1.11053		0.827545	0.962303	-1.03917	0.453189	0.874077	-1.14406	0.718622	1.0658	1.0658	0.984784	0.996647	-1.00336	0.822686	0.404181	0.436707	1
cg10296513	ASH2L;ASH2L;ASH2L	0.614016	0.403044	1.34408	1.34408	0.173773	1.69522	1.69522	0.085114	1.99512	1.99512	0.967233	1.01502	1.01502	0.674741	0.858015	-1.16548		0.451347	1.33071	1.33071	0.954781	0.979636	-1.02079	0.404648	1.36257	1.36257	0.716054	1.14172	1.14172	0.822678	1.7152	1.85324	1
cg02033116	GPATCH1;GPATCH1	0.614016	0.7804	0.960545	-1.04108	0.556616	0.917928	-1.08941	0.341633	0.989503	-1.0106	0.233754	1.09528	1.09528	0.285525	1.17323	1.17323		0.905019	0.982954	-1.01734	0.718172	0.949139	-1.05359	0.200564	0.823063	-1.21497	0.288067	0.853117	-1.17217	0.822678	0.270288	0.292041	1
cg12947492	NXF28;NXF2	0.614029	0.138123	0.0139617	-71.6247	0.437496	0.120157	-8.32243	0.61907	3.8225	5.8225	0.944233	1.20582	1.20582	0.512917	0.16943	-5.90215		0.98927	1.03663	1.03663	0.618959	0.261496	-3.82416	?	?	?	0.238218	27.25238	0.809269	81.547	100.766	1
cg01196995	MAD1L1;MAD1L1;MAD1L1	0.614033	0.392553	1.34771	-2.87591	0.419773	2.70251	2.70251	0.655969	1.28411	1.28411	0.830035	0.771624	-1.29597	0.555887	0.972594	-1.13782		0.5958404	1.52439	1.52439	-1.90724	0.947582	1.08252	1.08252	0.57605	0.505095	-1.97548	0.761445	0.602657	-1.44371	0.822653	18.9532	20.477	1
cg27542399	SPG21;SPG21;SPG21	0.614035	0.241141	2.46568	2.46568	0.953483	0.958003	-1.04384	0.759448	1.25344	1.25344	0.367369	0.50609	-1.97593	?	?	?		0.9097131	1.08701	1.08701	0.102995	3.7132	3.7132	0.698103	1.332	1.332	0.552032	1.55661	1.55661	0.809259	6.16285	7.61542	1
cg00745691	C7orf50;C7orf50;C7orf50	0.614039	0.210867	0.343813	-2.90856	0.515553	1.62831	1.62831	0.688687	1.38564	1.38564	0.528317	0.596021	-1.67765	0.123953	0.259435	-3.85453		0.642595	0.684897	-1.46007	0.489363	0.566233	-1.76606	0.33476	0.364711	-2.7419	0.928771	0.930151	-1.07509	0.822644	8.54538	9.23152	1
cg01939752	PFKL;PFKL	0.614041	0.9697997	1.088649	-1.08649	0.438026	1.26938	1.26938	0.212596	1.62408	1.62408	0.402572	1.29471	1.29471	0.447933	1.26263	1.63449		0.1505156	0.628067	-1.59219	0.635092	1.15505	1.15505	0.334494	0.740734	-1.35003	0.479666	1.24204	1.24204	0.82264	1.18447	1.27986	1
cg09931781	PITPNM2	0.614058	0.870945	1.06144	1.06144	0.754301	0.891234	-1.12204	0.210922	0.6166558	-1.62165	0.811324	0.9160226	-1.09167	0.330462	1.44520	1.44529		0.689362	1.15878	1.15878	0.121267	0.540013	-1.85181	0.51574	1.27341	1.27341	0.957372	1.0198	1.0198	0.822615	1.7525	1.89369	1
cg21206064	TSH2L	0.614059	0.197021	0.70555	1.07053	0.415114	0.882487	-1.12187	0.833279	0.886158	-1.15458	0.789268	1.20836	1.20836	0.954562	0.940924	-1.10962		0.747403	1.25609	1.25609	0.152092	0.337585	-2.96222	0.24822	2.94902	2.94902	0.220704	2.48751	2.48751	0.822614	0.542952	0.592707	1
cg22062231	YIPF2	0.614061	0.421562	3.21892	3.21892	0.58006	0.451236	-2.21613	0.547651	2.37826	2.37826	0.512298	2.57609	2.57609	0.213823	2.00372	2.00372		0.080181	0.0630476	-15.861	0.96453	0.938645	-1.06537	0.744806	1.59209	1.59209	0.558915	0.431036	-2.31999	0.82265	26.4139	28.5421	1
cg08885022	C7orf64;PEX1	0.614063	0.161286	0.735409	-1.35979	0.388025	1.41517	1.41517	0.098201	1.15814	1.15814	0.988251	1.0156	1.0156	0.538196	1.13659	1.13659		0.819271	0.954073	-1.04834	0.940982	0.820662	-1.21853	0.300099	0.813679	-1.22899	0.919126	0.979352	-1.02108	0.822577	0.549801	0.594523	1
cg10364514	CPLX1	0.614108	0.795397	0.864369	-1.15691	0.287932	0.538576	-1.85675	0.430995	0.637102	-1.56961	0.700754	0.805262	-1.24183	0.660717	0.780564	-1.28112		0.0553822	0.295815	3.3805	0.448675	0.648519	-1.54197	0.557203	1.39513	1.39513	0.753719	0.838172	-1.19307	0.822539	4.09837	4.42896	1
cg26535435	SLC15A5;SLC15A5	0.614109	0.102686	0.728555	-1.37259	0.67486	0.927903	-1.0777	0.283902	0.822756	-1.21541	0.520849	0.890987	-1.12235	0.892244	0.976248	-1.02433		0.643817	1.08609	1.08609	0.663688	0.925336	-1.08069	0.720768	1.06573	1.06573	0.314114	1.20411	1.20411	0.822537	0.409799	0.442856	1
cg14893720	RP9	0.614125	0.9438368	1.03205	-1.03205	0.744564	1.10848	1.10848	0.722655	1.10556	1.10556	0.469149	1.23046	1.23046	0.808385	0.971325	-1.03025		0.7504467	0.914166	1.09336	0.857237	0.662501	-1.50917	0.183948	1.63848	1.63848	0.426865	1.25667	1.25667	0.822513	1.0303	1.11639	1
cg22048563	KCTD11	0.614136	0.714908	0.929036	-1.07638	0.754082	0.938893	-1.06508	0.527435	1.13709	1.13709	0.711469	0.928165	-1.07739	0.792156	0.948389	-1.05442		0.987884	1.00305	1.00305	0.522873	1.13875	1.13875	0.155907	1.3561	1.3561	0.0979566	1.43943	1.43943	0.822496	0.524438	0.566771	1
cg23005927	TSPAN9;TSPAN9	0.614137	0.623577	0.762382	-1.31768	0.582004	0.845391	-1.18288	0.502444	1.0665	1.0665	0.881623	1.12411	1.12411	0.102988	0.839703	-1.27972		0.849642	1.10609	1.10609	0.183583	0.893728	-1.11948	0.670127	0.938572	1.06457	0.446077	1.51855	1.51855	0.822465	3.67695	3.97377	1
cg08355157	LOC154822	0.614157	0.443646	0.259124	-3.93819	0.274494	1.3561	1.3561	0.239534	0.115145	-8.68473	0.596681	2.55303	2.55303	0.249229	0.120838	8.27554		0.467443	1.66075	1.66075	0.658921	0.458582	-2.18063	0.592521	2.58086	2.58086	0.780559	1.63257	1.63257	0.822465	40.1227	43.3631	1
cg10985452	HIST1H2AD;HIST1H2BF;HIST1H3D	0.614158	0.629419	0.781124	-1.28021	0.51154	1.4025	1.4025	0.833289	0.888476	-1.1113	0.496625	0.704225	-1.42	0.964366	0.977559	-1.02296		0.444248	0.672845	-1.48623	0.162675	2.13226	2.13226	0.284184	1.75984	1.75984	0.281749	1.76529	1.76529	0.822462	3.36201	3.63355	1
cg21126047	DGCR9	0.614165	0.2705531	1.96445	1.96445	0.0556	0.205629	-3.02104	0.853025	0.954155	-1.04785	0.879725	0.886158	-1.12858	0.789268	1.20836	1.20836	0.954562	0.940924	-1.10962		0.933933	0.997806	1.00219	0.213732	0.454037	-2.20356	0.453825	0.997806	-1.00219	0.213734	-4.42124	0.257066	0.814168	-1.22859	0.328305	-3.04705	0.822461	0.159009	2.75964	7.70545	1
cg16841189	ARHGEF10	0.614167	0.812931	1.06303	1.06303	0.724274	0.912731	-1.09561	0.384655	1.25836	1.25836	0.610647	1.14155	1.14155	0.548876	0.855232	-1.16927		0.959327	1.10324	1.10324	0.050644	1.77565	1.77565	0.756014	0.922785	-1.08368	0.827885	1.05774	1.05774	0.82245	0.865851	0.935797	1
cg05936091	MNAT1	0.614168	0.799345	1.05181	1.05181	0.75474	0.974807	-1.02559	0.662879	0.775546	-1.28966	0.45146	0.715436	-1.39756	0.240272	0.67807	-1.47457		0.6643087	1.41584	1.41584	0.0211662	0.824892	-1.21212	0.991449	0.663337	-1.50808	0.677347	1.13808	1.13808	0.822457	0.83466	0.98288	1
cg27635422	TAPBP;TAPBP;RGL2;RGL2	0.614189	0.339806	0.835671	-1.19664	0.600494	1.10122	1.10122	?	?	?	?	0.971005	0.99339	-1.00665	0.495288	0.881304	-1.13468		0.0784465	0.699983	-1.42861	0.589785	0.905451	-1.10442	0.741776	1.06219	1.06219	0.784617	1.05126	1.05126	0.809021	0.379243	0.468767	1
cg20670075	LHX5;LHX5	0.614192	0.68725	1.29136	1.29136	0.899221	1.08334	1.08334	0.534271	1.48835	1.48835	0.775492	0.834724	-1.198	0.820751	0.866424	-1.15417		0.717562	0.794932	-1.25797	0.817737	0.864299	-1.15701	0.045953	2.42465	2.42465	0.416391	1.69007	1.69007	0.82241	5.11905	5.61911	1
cg19823698	PLCL2;PLCL2	0.614196	0.546153	1.14602	1.14602	0.437417	1.45017	1.45017	0.098255	4.2208	4.2208	0.884929	1.0151	1.0151	0.715154	1.3428	1.3428		0.631202	1.46783	1.46783	0.657256	0.701631	-1.42525	0.153327	1.64978	1.64978	0.847459	0.882353	-1.13331	0.822404	0.20126	0.84626	1
cg25968835	RGMA;RGMA	0.614203	0.565427	0.88056	-1.13564	0.196168	0.741415	-1.34877	0.40379	0.829432	-1.20564	0.673179	1.09732	1.09732	0.482804	0.855441	-1.16899		0.742746	0.930439	-1.07476	0.63884	0.901696	-1.10902	0.257645	1.2951	1.2951	0.201107	0.744119	-1.34387	0.822394	0.624146	0.674612	1
cg09523186	BRWD3	0.614213	0.168212	0.7139	1.40045	0.853857	0.729499	-1.37013	0.831574	1.40706	1.40706	0.61391	1.3396	1.3396	0.888512	1.13349	1.13349		0.216607	0.643014	-1.6923	0.497395	1.57254	1.57254	0.379913	0.757795	1.32019	0.662492	-1.65977	0.997819	0.995919	-1.00411	0.822379	26.1512	31.5088	1
cg14388237	MYO23;MYO23	0.614219	0.626168	0.715379	-1.40139	0.900094	0.917284	-1.09017	0.848581	1.14042	1.14042	0.845385	4.84397	4.84397	0.502252	0.626193	1.59695		0.73104	1.788837	-1.26769	0.933091	1.00597	1.00597	0.991638	1.00723	1.00723	0.648524	1.37089	1.37089	0.82237	2.15452	6.65233	1
cg21150921	KIAA0427;KIAA0427	0.614223	0.708475	1.17744	1.17744	0.0977928	2.20324	2.20324	0.345232	1.52618	1.52618	0.354728	1.51291	1.51291	0.404747	1.4488	1.4488		0.134745	2.01627	2.01627	0.277144	1.63482	1.63482	0.836914	1.09378	1.09378	0.702377	1.18171	1.18171	0.822363	2.4632	2.66247	1
cg20707673	PVR;PVRL9;PVR	0.614253	0.280375	1.31468	1.31468	0.852807	0.729499	-1.37013	0.831574	1.40706	1.40706	0.61391	1.3396	1.3396	0.888512	1.13349	1.13349		0.216607	0.643014	-1.6923	0.497395	1.57254	1.57254	0.379913	0.757795	1.32019	0.662492	-1.65977	0.997819	0.995919	-1.00411	0.822379	26.1512	31.5088	1
cg24454219	ZNF721;PIGG;PIGG;ZNF721	0.614254	0.494295	1.37928	1.37928	0.417586	1.46783	1.46783	0.806062	1.02071	1.02071	0.693769	1.20122	1.20122	0.799233	0.878298	-1.13857		0.630198	2.52	2.52	0.101584	0.435867	-2.29428	0.395283	1.49683	1.49683	0.354417	1.55487	1.55487	0.822317	2.79541	3.02172	1
cg24356797	UBA52;UBA52	0.614257	0.880201	0.872997	-1.14591	0.63147	1.31114	1.31114	0.849451	1.14033	1.14033	0.868856	1.18599	1.18599	0.844803	0.844127	-1.18455		0.7464844	0.913156	-1.09533	0.877354	0.840373	-1.19004	0.426865	1.03707	1.03707	0.947181	0.893474	-1.11938	0.822305	0.426865	0.461552	1.03303	1.11639	1
cg25978276	PIAS3	0.614258	0.619796	0.856373	-1.16772	0.187812	1.54141	1.54141	0.31183	0.722985	-1.38315	0.727455	0.897209	-1.11457	0.163133	0.630356	-1.5864		0.981703	1.00713	1.00713	0.720733	1.11771	1.11771	0.812513	0.928987	-1.07644	0.48186	1.24809	1.24809	0.822311	1.25163	1.35297	1
cg20077673	PVR;PVRL9;PVR	0.614259	0.2803575	1.31768	1.31768	0.852807	0.845391	-1.18288	0.502444	1.0665	1.0665	0.881623	1.12411	1.12411	0.102988	0.839703	-1.27972		0.849642	1.10609	1.10609	0.183583	0.893728	-1.11948	0.670127	0.938572	1.06457	0.446077	1.51855	1.51855	0.822465	3.67695	3.97377	1
cg24454219	ZNF721;PIGG;PIGG;ZNF721	0.614254	0.494295	1.37928	1.37928	0.417586	1.46783	1.46783	0.806062	1.02071	1.02071	0.693769	1.20122	1.20122	0.799233	0.878298	-1.13857		0.630198	2.52	2.52	0.101584	0.435867	-2.29428	0.395283	1.49683	1.49683	0.354417	1.55487	1.55487	0.822317	2.79541	3.02172	1
cg24356797	UBA52;UBA52	0.614257	0.880201	0.872997	-1.14591	0.63147	1.31114	1.31114	0.849451	1.14033	1.14033	0.868856	1.18599	1.18599	0.844803	0.844127	-1.18455		0.7464844	0.913156	-1.09533	0.877354	0.840373	-1.19004	0.426865	1.03707	1.03707	0.947181	0.893474	-1.11938	0.822305	0.426865	0.461552	1.03303	1.11639	1
cg25978276	PIAS3	0.614258	0.619796	0.856373	-1.16772	0.187812	1.54141	1.54141	0.31183	0.722985	-1.38315	0.727455	0.897209	-1.11457	0.163133	0.630356	-1.5864		0.981703	1.00713	1.00713	0.720733	1.11771	1.11771	0.812513	0.928987	-1.07644	0.48186	1.24809	1.24809	0.822311	1.25163	1.35297	1
cg25891135	MYOM2	0.614261	0.333553	0.440491	-2.2702	0.958855	0.918474	-1.04332	0.558967	1.17134	1.17134	0.42857	1.94316	1.94316	0.235169	2.78084	2.78084		0.487228	0.559786	-1.7864	0.901809	0.905153	-1.10478	0.419455	1.60441	1.60441	0.120129	0.82173	0.82173	0.822441	1.20129	0.82173	0.81817	0.93127	1
cg12406460	ATP5L	0.614261	0.225725	0.784861	-1.27411	0.293975	1.23032	1.23032	0.493433	1.14161	1.14161	0.478466	1.14707	1.14707	0.291825	1.23154	1.23154		0.341477	2.052	2.052	0.86204	0.973102	-1.02764	0.619755	0.909148	-1.09993	0.412164	1.17312	1.17312	0.822169	0.472129	0.510443	1
cg22374213	OGN3	0.614261	0.952135	1.01117	1.01117	0.528353	1.12546	1.12546	0.608283	0.908785	-1.10037	0.194986	1.28869	1.28869	0.469391	1.14589	1.14589		0.167696	1.31269	1.31269	0.146095	1.33469	1.33469	0.775786	1.05425	1.05425	0.37179	1.18491	1.18491	0.822155	0.445753	0.481935	1
cg17112266	ABCB8	0.614267	0.18267	1.55414	1.55414	0.30705	1.96104	1.96104	0.364431	0.98106	-1.01931	0.926014	1.06753	1.06753	0.560575	0.584946	-1.70955		0.479021	0.544684	-1.8361	0.696084	0.755883	-1.32347	0.402466	1.51855	1.51855	0.242495	1.7066	1.7066	0.822098	6.79429	7.33361	1
cg18137005	UNC5B	0.614406	0.835015	1.11626	1.11626	0.874617	0.932096	-1.08684	0.446269	1.50594	1.50594	0.223163	1.96405	1.96405	0.685611	1.2394	1.2394		0.689134	0.808916	-1.23622	0.40525	0.163221	-1.56685	0.288114	0.559006	-1.78889	0.203415	2.0299	2.0299	0.822086	3.62101	3.91525	1
cg26407166	BABIA	0.614409	0.4645	0.2928	0.2928	0.2928	0.978572	-1.02181	0.824376	1.24705	1.24705	0.802252	1.13102	1.13102	0.407665	1.2441	1.2441		0.1384624	2.2824	2.2824	0.0115603	1.2043	1.2043	0.0507258	1.1918	1.1918	0.0104989	1.43906	1.43906	0.822083	0.5943	0.6425	1
cg26400699	GUK1;GUK1	0.614417	0.492083	1.07519	1.07519	0.0846413	1.21916	1.21916	0.61388	1.05428	1.05428	0.765909	0.969453	-1.03151	0.26565	1.12809	1.12809		0.343204	1.10678	1.10678	0.645694	0.953039	-1.04928	0.802915	1.02632	1.02632	0.320452	1.11256	1.11256	0.82207	1.140558	0.151983	1
cg05850457	HDAC4	0.614431	0.0704102	0.0543382	-18.4033	0.970707	1.05411	1.05431	0.900603	0.848262	-1.17888	0.855681	1.82206	1.82206	0.495158	0.695408	-1.438		0.35021	3.99445	3.99445	0.97408	0.954284	-1.04791	0.809226	1.41674	1.41674	0.855331	0.768852	-1.30064	0.822048	27.0068	29.2027	1
cg08274589	SHF;SHF	0.614431	0.350363	2.85631	2.85631	0.612011	1.88249	1.88249	0.0140552	1.82824	1.82824	0.0140552	1.68351	1.68351	0.328972	1.23182	1.23182	0.748757	1.34817	1.34817	0.795366	1.21042	1.21042	0.748745	1.34817	1.34817	0.795366	1.21042	1.21042	0.748745	1.34817	1.34817	0.795366	1.21042	1.21042	0.822043	1.13185	1.13185	0.822048	1.39737	1.51099	1
	SLC26A5;SLC26A5;SLC26A5;SLC26A5;SL																																							
cg21716992	C26A5	0.614438	0.191702	0.325391	-3.07323	0.719115	1.35162	1.35162	0.767423	0.785908	-1.27241	0.253919	0.379921	-2.63212	0.654249	0.693367	-1.44224		0.299138	0.417219	-2.39683	0.937579	0.938358	-1.06569	0.209587	2.92771	2.92771	0.968428	1.03267	1.03267	0.822037	8.59088	9.28953	1
cg17310882	ZDHHC14;ZDHHC14	0.614438	0.186561	0.183265	-5.45658	0.957465	0.917409	-1.06677	0.953665	0.932005	-1.07296	0.804665	0.740605	-1.35025	0.235658	0.221774	-4.5091		0.450353	0.393736	-2.53977	0.202695	0.195971	-5.10279	0.700796	0.626327	-1.59661	0.109102	0.120346	-8.3094	0.822037	19.1197	20.6746	1
cg16140432	ZNF642;ZNF642	0.614442	0.779475	0.91852	-1.08871	0.947151	1.02237	1.02237	0.714563	0.894744	-1.11764	0.553183	0.833909	-1.19917	0.223031	0.678635	-1.47355		0.904474	0.964301	-1.03702	0.0522844	0.512562	-1.95098	0.891293	1.04227	1.04227	0.706443	1.12138	1.12138	0.822031	1.19154	1.29061	1
cg06105085	ASCC1;C10orf104	0.614445	0.855934	0.947368	-1.05556	0.241431	1.13934	1.13934	0.404391	1.24894	1.24894	0.600464	0.954525	-1.04778	0.0834284	1.1099	1.1099		0.39116	0.769994	-1.29821	0.538449	0.744118	-1.34397	0.504419	1.20966	1.20966	0.344118	1.43697	1.43697	0.504419	1.23327	1.23327	0.822027	1.15291	1.24403	1
cg04558362	C11orf2	0.614447	0.883796	0.963813	-1.03755	0.726969	1.65634	1.65634	0.742878	1.0865	1.0865	0.398393	0.804205	-1.24346	0.737742	1.08838	1.08838		0.910722	1.02867	1.02867	0.940329	0.98131	-1.01905	0.381749	0.797654	-1.25368	0.516017	0.847072	-1.18054	0.822024	0.826874	0.894134	1
cg12302560	NOL9	0.614451	0.785313	0.847713	-1.17956	0.244309	1.25598	1.25598	0.403557	0.676101	-1.47907	0.161344	0.737437	-1.35617	0.0844	0.832275	-1.20084		0.241732	0.534701	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
ug18864442	RTN1;RTN1	0.615207	0.916387	0.978392	-1.02418	0.474254	1.18111	1.18111	0.154008	1.41775	0.757093	1.07354	0.146443	1.42839	1.42839	0.387162	1.22477	1.22477	0.644174	1.09233	1.11225	1.11225	0.342447	0.799534	-1.25073	0.667419	1.10393	1.10393	0.821143	0.680412	0.736547	1
ug08311092	RNPC3	0.615029	0.436972	1.12746	1.12746	0.779203	1.04342	1.04342	0.852913	1.02848	1.02848	0.3657	0.868881	-1.15097	0.122993	1.28764	1.28764	0.1761	1.24311	1.24311	0.915342	0.984041	-1.01622	0.958476	0.992154	-1.00791	0.409102	1.13625	1.13625	0.21514	0.297678	0.322238	1
ug20738689	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI M2;ABLIM2	0.615034	0.950205	1.01504	1.01504	0.467201	0.837917	-1.19344	0.346566	1.26073	1.26073	0.805574	0.942756	-1.06072	0.918454	1.02478	1.02478	0.361736	0.79924	-1.25119	0.389359	0.809894	-1.23473	0.756538	1.07717	1.07717	0.114883	1.50653	1.50653	0.821133	0.743038	0.80435	1
ug22122361	BMP2K;BMP2K	0.615049	0.0916249	0.487818	-2.04994	0.65945	0.842501	-1.18694	0.495208	0.76518	-1.30688	0.317722	0.667349	-1.49847	0.327061	0.91892	-1.08823	0.669865	1.18026	1.18026	0.274062	0.644143	-1.55245	0.467144	1.33101	1.33101	0.850997	0.929005	-1.07538	0.82111	1.94219	2.10251	1
ug13074339	GAUNT-4	0.615058	0.370317	0.62407	-1.60238	0.233493	0.527197	-1.89683	0.434698	1.50455	1.50455	0.571733	1.60003	1.60003	0.198742	0.498569	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.403751	0.645406	-1.54941	0.855339	0.910731	-1.09804	0.882409	0.910359	-1.09847	0.821097	3.4157	3.697772	1
ug20383078	SOCS2	0.615059	0.945553	1.01623	1.01623	0.627806	1.12209	1.12209	0.712313	1.09125	1.09125	0.859833	1.04256	1.04256	0.613621	1.12063	1.12063	0.247792	0.752099	-1.32961	0.107757	0.661125	-1.51257	0.381247	1.23583	1.23583	0.615802	1.1267	1.1267	0.821094	0.722018	0.782606	1
ug23155017	ETS1	0.615067	0.500437	1.09125	1.33814	0.114439	2.29376	2.29376	0.184126	1.98043	1.98043	0.543664	1.34737	1.34737	0.542089	1.03587	1.03587	0.509637	1.19318	1.19318	0.847219	0.910681	-1.09808	0.971384	1.01755	1.01755	0.15269	2.102115	2.102115	0.821082	3.05961	3.31228	1
ug02148222	ST6GAL1;ST6GAL1	0.615069	0.535692	0.681851	-1.4666	0.670868	1.29822	1.29822	0.474617	0.641492	-1.55887	0.6655318	0.726744	1.37625	-1.51227	0.782204	0.8045508	0.600941	0.724533	-1.3802	0.392145	1.70793	1.70793	0.616295	0.73456	-1.36136	0.801758	1.16603	1.16603	0.21079	0.847787	0.24824	1
ug06905471	TRMT5\18	0.615074	0.592627	1.07489	1.07489	0.320902	1.147	1.147	0.982048	0.996996	-1.00301	0.843167	1.02684	1.02684	0.495238	1.09703	1.09703	0.815969	1.03167	1.03167	0.240262	0.848382	-1.17871	0.135264	0.806294	-1.24024	0.633617	1.06653	1.06653	0.821071	0.232552	0.25176	1
ug23316987	OTX2;OTX2	0.615076	0.448685	0.975992	1.02503	0.857711	1.06564	-1.04522	0.137433	0.956136	-1.04557	0.280755	0.749418	1.33386	-1.33386	0.629297	1.16576	1.16576	0.668803	1.13203	1.13203	0.507957	1.1962	1.1962	0.821068	0.54195	0.669581	1.3192	1.3192	0.821065	0.876076	0.949428	1
ug00086429	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.615084	0.584293	0.866335	-1.15429	0.914275	0.946078	-1.057	0.281586	0.747806	-1.33724	0.424874	0.809261	-1.2357	0.367141	1.272	1.272	0.416274	1.2408	1.2408	0.154022	1.48632	0.983554	0.994661	-1.00537	0.745878	0.991021	-1.08011	0.821057	0.876076	0.949428	1
ug13028831	ELK1;ELK1	0.615089	0.182372	0.109697	-9.15198	0.86225	0.362464	-1.31154	0.967799	1.06507	1.06507	0.225034	1.34499	1.34499	0.414902	1.349352	1.349352	0.212315	0.182483	-7.78311	0.607386	0.465163	-2.24637	0.690194	1.06227	1.06227	0.885626	1.25202	1.25202	0.821049	31.7101	34.39211	1
ug15764183	SH3D19;SH3D19;SH3D19	0.615092	0.735598	1.2871	1.2871	0.518564	1.628	1.628	0.41268	1.42581	1.42581	0.597192	-1.6745	0.946846	2.05722	2.05722	0.882061	1.11689	1.11689	0.648258	1.40778	1.40778	0.28348	2.29285	2.29285	0.07203599	4.4606	4.4606	0.42803	1.82678	1.82678	0.821044	7.2308	7.80605	1
ug14839932	SRI;SRI	0.615101	0.867525	0.961537	-1.04	0.732293	0.922496	-1.08402	0.803418	0.940386	-1.06035	0.495431	1.1766	1.1766	0.346349	0.839145	-1.19169	0.0701927	0.625139	-1.60891	0.487187	1.18039	1.18039	0.961537	1.04	0.732293	0.922496	-1.08402	0.803418	0.940386	-1.06035	0.495431	1.1766	1.1766	0.346349	0.839145	-1.19169	0.0701927	0.625139
ug08858875	SNHG5;SNORD50B;SNORD50A	0.615102	0.608432	1.16309	1.16309	0.927209	0.975659	-1.02499	0.552251	1.19329	1.19329	0.894704	1.03948	1.03948	0.937539	1.03074	1.03074	0.208583	1.07605	1.47342	1.19605	0.628297	-1.5916	0.509126	1.21978	1.21978	0.373627	1.30607	1.30607	0.821029	1.1155	1.20342	1
ug19645788	AKT1;AKT1;AKT1	0.615127	0.816935	0.931164	-1.07392	0.113672	1.6979	1.6979	0.114222	1.6963	1.6963	0.316836	1.37476	1.37476	0.713416	1.12014	1.12014	0.714325	1.11972	1.11972	0.731252	0.899386	-1.11187	0.518531	1.223	1.223	0.905275	1.03729	1.03729	0.820992	1.23007	1.3318	1
ug14089982	CHST12	0.615139	0.805177	1.1625	1.1625	0.505531	1.515227	1.515227	0.189381	1.76363	1.76363	0.716811	1.2484	1.2484	0.165589	0.406164	-2.46206	0.617648	0.735923	-1.35884	0.227104	2.1654	2.1654	0.543931	1.45391	1.45391	0.356352	1.78249	1.78249	0.820972	4.82674	5.22604	1
ug07960018	NIL13	0.615142	0.84407	1.07898	1.07898	0.845114	0.922781	-1.07842	0.773474	0.894579	-1.11784	0.975664	1.01381	1.01381	0.825444	1.089	1.089	0.585387	0.808445	-1.23694	0.175586	0.573519	-1.74362	0.282528	1.53888	1.53888	0.146026	1.82654	1.82654	0.820969	1.93739	2.09768	1
ug11949831	C1QTNF2	0.615143	0.322453	0.757291	-1.3205	0.914503	0.971211	-1.02964	0.684081	0.894692	-1.1177	0.593147	1.158	1.158	0.203157	0.69392	-1.44109	0.978191	1.00746	1.00746	0.508236	1.20029	1.20029	0.293821	1.34472	1.34472	0.271496	1.3653	1.3653	0.820967	0.961992	1.04158	1
ug10930381	DTNB;DTNB;DTNB;DTNB;DTNB	0.615154	0.366305	0.831286	-1.20299	0.357111	1.0369	1.0369	0.271342	0.868247	-1.15179	0.402971	0.843334	1.18577	0.993928	1.04303	1.04303	0.617648	1.1047	1.1047	0.748963	0.940046	-1.06039	0.810458	0.953291	-1.0491	0.155343	0.957991	1.0435	0.820955	0.515343	0.557991	1
ug19686372	EXD2	0.615165	0.328979	1.84823	1.84823	0.102856	2.96824	2.96824	0.10164	2.98187	2.98187	0.50081	1.518	1.518	0.655931	1.31441	1.31441	0.592486	1.39011	1.39011	0.955625	1.00335	1.00335	0.375735	1.74058	1.74058	0.885874	1.0915	1.0915	0.820934	4.83253	5.23255	1
ug16595246	MSH6	0.615167	0.860553	1.08252	1.08252	0.884939	1.21676	1.21676	0.314265	1.28689	1.28689	0.188456	1.63265	1.63265	0.69494	1.09425	1.09425	0.410901	1.08753	1.28384	0.616956	1.22299	1.22299	0.102293	1.90544	1.90544	0.622917	1.13477	1.13477	0.820916	0.928316	0.909876	1
ug16696021	DPF3 TMUB2;TMUB2;C17orf65;TMUB2;C17o rf65	0.615167	0.802166	1.10501	1.10501	0.348075	0.680941	-1.46856	0.437376	0.729697	-1.37043	0.403225	1.40529	1.40529	0.448944	1.35924	1.35924	0.230724	1.6489	1.6489	0.591362	0.806081	-1.24057	0.334435	0.673026	-1.48583	0.511011	1.30366	1.30366	0.82093	2.05713	2.22742	1
ug14459995	rl65	0.615194	0.629055	1.0979	1.0979	0.373462	1.19162	1.19162	0.462137	1.15447	1.15447	0.825023	1.04341	1.04341	0.709732	1.07438	1.07438	0.673213	1.0848	1.0848	0.132946	1.37671	1.37671	0.831305	1.04179	1.04179	0.0666668	1.48375	1.48375	0.820889	0.478715	0.518369	1
ug26931050	TMEM200A	0.615204	0.985528	0.989441	-1.01067	0.552551	0.703597	-1.42127	0.136789	0.391402	-2.55492	0.127915	0.427924	-2.33686	0.426034	0.62146	-1.60911	0.363029	1.72825	1.72825	0.489985	0.663392	-1.5074	0.75525	1.20082	1.20082	0.84013	0.888513	-1.12548	0.820875	4.45275	4.82168	1
ug26825753	WHAMML2	0.615208	0.120953	2.01406	1.32733	0.316901	1.75333	1.75333	0.0623	2.06102	-1.04156	0.893771	1.07265	1.07265	0.860202	1.08038	1.08038	0.68155	1.24182	1.24182	?	?	?	0.51353	1.70626	-1.41594	0.342839	0.598715	-1.67025	0.807446	3.13196	3.87885	1
ug14616514	MOC51;MOC51	0.615209	0.817007	1.18021	1.18021	0.712144	1.30335	1.30335	0.49914	1.63304	1.63304	0.562539	0.658011	-1.51973	0.422043	0.556388	1.79731	0.531572	0.635713	-1.57304	0.354057	0.505806	-1.97704	0.544134	1.55097	1.55097	0.116857	1.37992	1.37992	0.820867	6.64371	7.19425	1
ug00091162	BRP44;DCAF6;BRP44;BRP44;DCAF6	0.61521	0.653212	1.26109	1.26109	0.522245	1.39467	1.39467	0.442501	1.49428	1.49428	0.940823	1.03882	1.03882	0.520888	0.321943	-3.10614	0.869201	1.08821	1.08821	0.928923	0.95527	-1.04682	0.833388	0.897586	-1.1141	0.802405	0.879332	-1.13724	0.820865	3.42034	3.70378	1
ug26239175	FUT1	0.615223	0.409283	1.13093	1.13093	0.264212	1.27816	1.27816	0.205451	1.3702	1.3702	0.738049	1.07245	1.07245	0.641853	1.15406	1.15406	0.447368	0.503487	-1.98615	0.152706	0.74055	-1.35057	0.298415	0.908645	1.10039	1.10039	0.820846	0.611722	0.72988	0.814	1.01535	1
ug16361915	KCNAB2;KCNAB2	0.615229	0.91101	1.0578	1.0578	0.488374	1.57898	1.57898	0.53686	0.666454	-1.50048	0.925445	0.941072	-1.06262	0.615507	0.372481	-2.6847	0.64257	0.738389	-1.3543	0.38183	0.558771	-1.78964	0.111009	0.324235	-3.08418	0.839136	1.14099	1.14099	0.820837	5.47407	5.9279	1
ug00511228	ZNF723;ZNF273	0.615233	0.811988	0.93271	-1.07221	0.831447	0.955605	-1.04653	0.562051	0.765043	-1.30655	0.329194	0.502657	1.98944	0.203393	0.918443	-1.08863	0.821823	1.21744	1.21744	0.193798	0.639742	-1.56313	0.167203	0.821823	1.21744	0.193798	0.639742	-1.56313	0.167203	0.821823	1.21744	0.193798	0.639742	-1.56313	0.167203	1.19959	1.19959	0.699573	0.827186	0.888318	0.73022	1
ug19498042	TMPRSS7;TMPRSS7	0.615237	0.410593	0.722615	-1.38386	0.881855	1.0591	1.0591	0.841241	0.925488	-1.08051	0.156463	0.555329	-1.80074	0.0797848	0.472067	2.11834	0.693359	1.16533	1.16533	0.732153	0.875775	-1.14185	0.739204	0.87898	-1.13768	0.80504	1.10019	1.10019	0.820824	1.93788	2.09858	1
ug16970628	TMEM132C	0.615238	0.780375	0.906788	-1.10279	0.572848	0.819185	-1.22073	0.578131	1.21732	1.21732	0.434198	0.756294	-1.32224	0.361974	0.72036	-1.38819	0.10155	1.87294	1.87294	0.726115	0.884168	-1.13101	0.449915	1.30932	1.30932	0.773559	0.903947	-1.10626	0.820805	1.5929	1.72503	1
ug26247508	SH2D4B;SH2D4B	0.615254	0.265017	1.39165	1.39165	0.348993	0.507505	-1.97042	0.651095	1.25954	1.25954	0.37375	0.42283	-2.36482	0.562182	0.77878	-1.28439	0.412938	0.554967	-1.80201	0.43544	0.571341	-1.75027	0.121221	0.906648	-1.26107	0.827093	0.442722	0.810432	0.820802	4.43122	4.96489	1
ug05284927	SPOPL	0.615254	0.731782	1.05318	1.05318	0.0820305	1.33666	1.33666	0.521524	1.10279	1.10279	0.60195	1.08248	1.08248	0.622966	0.928088	-1.07748	0.582385	1.08724	1.08724	0.807087	0.963827	-1.03753	0.871469	0.97591	-1.02468	0.16019	1.25353	1.25353	0.820798	0.294825	0.319283	1
ug04246433	BPSP1	0.615258	0.457898	1.16632	1.16632	0.47	2.174	2.174	0.467157	1.61026	1.61026	0.164206	1.25121	1.25121	0.439343	1.18577	1.18577	0.459883	1.62728	1.62728	0.290648	1.0032	1.0032	0.533115	1.67577	1.67577	0.309362	1.39336	1.39336	0.820795	0.507717	0.538095	1
ug04484695	MAOB	0.615281	0.374927	2.00141	2.00141	0.677124	0.726844	-1.37581	0.732253	1.29908	1.29908	0.24003	0.391685	-2.55307	0.215264	0.370161	-2.70152	0.201408	2.79525	2.79525	0.911279	0.918582	-1.08863	0.802322	1.2106	1.2106	0.909569	1.09043	1.09043	0.820757	5.5487	8.17225	1
ug22249046	PSMG1;PSMG1	0.615284	0.534413	0.82377	-1.21393	0.595136	0.847681	-1.17969	0.231229	0.679146	-1.47244	0.54096	1.21009	1.21009	0.0657589	0.529309	-1.88925	0.990164	0.996209	-1.00381	0.432965	0.781495	-1.2796	0.692158	0.884607	-1.13045	0.590931	0.846049	-1.18396	0.820754	1.234	1.33664	1
ug22557744	DLG5;DLG5	0.615289	0.838206	1.05409	1.05409	0.704816	1.44915	1.44915	0.331059	1.31525	1.31525	0.811652	0.961284	1.04033	0.883374	1.13257	1.13257	0.599398	0.885192	-1.1297	0.380743	1.22681	1.22681	0.619546	1.09227	-1.12205	0.844229	1.04627	1.04627	0.820745	0.888102	0.945233	1
ug06864853	AKR1B1	0.615296	0.716821	1.29881	1.29881	0.173062	2.83099	2.83099	0.132538	3.31143	3.31143	0.164178	0.676471	1.3077	0.808065	-1.23752	0.552152	0.649661	-1.53927	0.392226	0.533048	-1.876	0.659471	1.33477	0.744891	0.868846	-1.15095	0.904972	1.0895	1.0895	0.820735	0.69667	0.75276	1
ug15263076	DR1	0.615304	0.751688	1.08372	1.08372	0.744264	1.3615	1.3615	0.492	1.36275	1.36275	1.10046	1.10046	1.10046	0.822878	1.36244	1.36244	0.338027	1.34871	1.34871	0.151556	0.62789	-1.59263	0.81038	0.855827	-1.16846	0.843167	1.06183	1.06183	0.820731	0.779509	0.836836	1
ug27118080	FNDC1	0.615309	0.737436	1.2608	1.2608	0.281751	0.46279	-2.16081	0.866392	1.12297	1.12297	0.930244	0.941479	-1.06216	0.816021	0.851696	-1.17413	0.0509557	0.216246	-4.62435	0.728934	1.27076	1.27076	0.674533	0.74759	-1.33763	0.550184	0.659434	-1.51645	0.820715	0.16636	0.67857	1
ug06994282	MAD2L1;MAD1L1;MAD1L1	0.615311	0.567232	0.787284	-1.26973	0.108025	0.54631	-1.83202	0.154581	0.702258	-1.42358	0.205511	0.203511	0.893707	0.867039	-1.15335	0.400723	0.610928	-1.63685	0.946202	0.962078	-1.03942	0.923654	1.0828	1.0828	0.923654	-1.08282	0.923654	-1.08282	0.923654	-1.08282

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Probeset ID	UCSC_REFGENE_NAME TIMM17B;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;PQBP1;TIMM17B;PQBP	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 1047)	p-value(105T vs. N)	Fold-Change(1 vs. 105T)	p-value(111T vs. N)	Fold-Change(1 vs. 111T)	p-value(112T vs. N)	Fold-Change(1 vs. 112T)	p-value(121T vs. N)	Fold-Change(1 vs. 121T)	p-value(121T N)	Fold-Change(1 vs. 121T)	p-value(1247T vs. N)	p-value(1437T vs. N)	p-value(353T vs. N)	Fold-Change(1 vs. 353T)	p-value(537T vs. N)	Fold-Change(1 vs. 537T)	p-value(563T vs. N)	Fold-Change(1 vs. 563T)	F(Error)	SS(Test)	SS(Error)	df
cg22280339	1-PQBP1	0.615965	0.202112	0.335014	-2.98495	0.932895	0.933903	-1.07077	0.818827	1.20478	0.2085433	4.69074	4.69074	0.970003	1.031	1.031	0.408679	0.503502	-1.98609	0.97158	1.02935	1.02935	0.920089	1.08489	1.08489	0.903503	1.10349	1.10349	0.819677	8.5591	9.28181	1
cg26389950	CTR82	0.616005	0.196028	0.557451	-1.79388	0.766724	0.885597	-1.13559	0.713942	0.854398	-1.17042	0.725017	0.859891	-1.16294	0.159942	0.526369	-1.89981	0.557359	0.775971	-1.28871	0.260546	0.60558	-1.65131	0.337921	1.52536	1.52536	0.393145	0.688059	-1.45386	0.81966	2.37149	2.37179	1
cg03580568	EDNRA;EDNRA;EDNRA	0.616012	0.914768	1.01704	1.01704	0.640102	1.07716	1.07716	0.529757	1.10569	0.0861568	0.741366	-1.34886	0.994912	1.00101	1.00101	0.763602	0.953509	-1.04876	0.320102	0.85031	-1.17604	0.247701	0.826341	-1.21015	0.803123	0.961341	-1.04021	0.819649	0.323383	0.350701	1
cg19039583	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.616013	0.162049	0.634528	-1.57598	0.149387	0.624371	-1.60161	0.955564	0.983165	-1.01712	0.622486	0.859078	-1.16233	0.317873	0.730104	-1.36967	0.870587	1.05093	1.05093	0.452175	1.26284	1.26284	0.642236	1.15321	1.15321	0.914767	1.03316	1.03316	0.819647	1.2051	1.3069	1
cg15028282	TTL17	0.616019	0.964407	0.990708	-1.00938	0.843974	1.04209	1.04209	0.860218	1.03756	1.03756	0.310415	1.24555	1.24555	0.498602	0.866134	-1.15456	0.509064	1.15043	1.15043	0.720837	1.07796	1.07796	0.115151	0.698818	-1.43099	0.302198	0.799629	-1.25058	0.819638	0.568153	0.616157	1
cg12228772	SPIN4	0.616025	0.112334	0.113428	-8.89442	0.373625	0.315422	-3.17035	0.94405	0.955145	-1.05272	0.525603	0.25373	0.25373	0.900081	1.17199	1.17199	0.145946	0.139162	-7.18588	0.490407	0.421697	-2.42308	0.915943	1.14287	1.14287	0.940251	0.910334	-1.0985	0.819629	20.7193	22.4701	1
cg20804213	C13orf36;C13orf36	0.616039	0.739372	1.13383	1.13383	0.901861	0.954654	-1.0475	0.307699	1.48767	1.48767	0.307699	1.48767	1.48767	0.307699	1.48767	1.48767	0.38158	1.40157	1.40157	0.597257	1.22211	1.22211	0.17665	1.17654	1.17654	0.0670975	2.16413	2.16413	0.819608	1.83694	1.39222	1
cg02818775	SH3PXD2A	0.616045	0.930768	0.942557	-1.06094	0.145709	2.89644	2.89644	0.127471	3.07124	3.07124	0.744971	0.800744	-1.24884	0.432706	0.579777	-1.7248	0.562794	0.671433	-1.48935	0.700976	1.30043	1.30043	0.940249	1.05236	1.05236	0.935507	0.946391	-1.05665	0.819598	6.01684	6.52551	1
cg04549679	MEGF6	0.616045	0.447917	0.54122	-1.84805	0.479264	1.24134	1.24134	2.61634	0.382422	2.2428	2.2428	0.595395	0.819303	1.67955	1.67955	0.404369	0.477299	0.715506	1.74624	-1.34004	0.349333	0.465473	2.14835	0.969541	1.03031	-1.0308	0.880679	1.26621	1.12662	0.819598	8.17798	8.86996	1
cg21608792	EPHX2	0.616057	0.884629	1.0562	1.0562	0.117535	0.527206	-1.89679	0.654593	0.844018	-1.18481	0.828097	0.921371	-1.08534	0.270479	0.64916	-1.54045	0.297243	0.665676	-1.50223	0.385448	0.715284	-1.39805	0.462596	0.754583	-1.32523	0.396453	1.38681	1.38681	0.81958	1.84078	1.99645	1
cg02330494	ITPK4	0.616086	0.436551	1.06292	1.04292	0.495772	0.86878	-1.15104	0.365765	0.834616	-1.19787	0.524434	1.14019	1.14019	0.0866837	1.46943	1.46943	0.979163	0.994702	1.00533	0.423009	1.18109	1.18109	0.654297	0.912405	-1.09601	0.594832	1.11536	1.11536	0.819586	0.536095	0.582329	1
cg11633600	CCDC130	0.616095	0.714581	0.92952	-1.07582	0.680836	1.08578	1.08578	0.711308	0.968254	-1.03279	0.441789	1.16891	1.16891	0.550548	0.825971	-1.2107	0.288157	1.24536	-1.24536	0.251078	0.787714	-1.2695	0.444525	0.850905	-1.16699	0.308765	1.2332	1.2332	0.819523	0.513922	0.557421	1
cg11120115	SMURF1;SMURF1	0.616096	0.821814	1.2645	1.2645	0.107249	0.62822	6.22822	0.100698	0.49193	6.49193	0.967139	0.958046	-1.04379	0.855914	0.827703	-1.20816	0.54825	0.531496	-1.88148	0.833829	1.24429	1.24429	0.863876	1.19545	1.19545	0.997333	0.996529	-1.00348	0.819521	14.0488	15.238	1
cg08035348	CHSTC	0.616097	0.903122	1.0316	1.02316	0.348997	0.814818	-1.19878	0.683882	1.08284	-1.09239	0.602842	1.11897	1.11897	0.515623	1.02013	1.02013	0.601912	1.0404	1.0404	0.871813	1.03083	1.03083	0.807596	1.4697	1.4697	0.592574	0.903413	-1.10691	0.819519	0.458991	0.497843	1
cg21843755	ZNF638;ZNF638	0.616106	0.382944	1.2052	1.2052	0.13852	0.717006	-1.39469	0.677665	0.916497	-1.09111	0.408872	0.838443	-1.19269	0.291542	0.795878	-1.25647	0.948065	1.01368	1.01368	0.344445	1.22525	1.22525	0.837811	0.958145	-1.04368	0.647792	0.90851	-1.1007	0.819506	0.564816	0.612635	1
cg09293387	AGPAT5	0.616118	0.445808	1.26606	1.29606	0.471885	1.27657	1.27657	0.08053288	1.90919	1.90919	0.784531	1.09576	1.09576	0.786002	0.913192	-1.09506	0.793619	1.09143	1.09143	?	?	?	0.94136	1.38701	1.38701	0.255515	1.48601	1.48601	0.80604	1.26344	1.56746	1
cg08190044	ATP8B2	0.616125	0.607856	-1.66138	-1.66138	0.826449	0.940842	-1.06288	0.190783	1.46067	-1.46067	0.223133	0.704883	-1.41867	0.323171	0.756787	-1.32108	0.37265	0.778885	-1.28389	0.923385	1.02663	1.02663	0.900719	1.03469	1.03469	0.448523	1.23493	1.23493	0.819477	0.968762	1.05082	1
cg18284070	MUDENG;EXOC5;MUDENG	0.616138	0.55643	0.835251	-1.19724	0.945283	0.979443	-1.02099	0.108935	1.69734	1.69734	0.249913	0.694973	-1.4389	0.554072	1.19856	1.19856	0.348724	1.33904	1.33904	0.901015	1.03838	1.03838	0.601937	1.17265	1.17265	0.721345	1.11447	1.11447	0.819458	1.18862	1.28933	1
cg03127649	NEXN;NEXN	0.616152	0.483383	0.80852	-1.30909	0.205335	0.937756	-1.06642	0.251721	1.17501	1.17501	0.684726	0.946504	-1.05652	0.97278	0.995415	-1.00461	0.263777	0.854179	-1.17072	0.151102	0.812843	-1.23025	0.323554	0.870584	-1.1472	0.886545	1.01941	1.01941	0.819436	0.235437	0.255391	1
cg13643060	SLC25A13;SLC25A13;SLC25A13	0.616159	0.273957	0.345259	-2.89638	0.477347	0.509194	-1.96389	0.594935	0.605734	-1.65089	0.68807	1.45793	0.453703	0.9503	0.124384	-8.0396	0.631082	0.636365	-1.57142	0.939958	0.932047	-1.07291	0.545022	0.564265	-1.77222	0.54044	0.560499	-1.78412	0.819426	13.3255	12.2856	1
cg07595404	C4orf33;GLLT1;C4orf33	0.616161	0.383886	0.888477	-1.12552	0.883379	1.01963	1.01963	0.302142	1.15241	1.15241	0.917943	0.986445	-1.01374	0.218529	0.842485	-1.18696	0.281242	1.15988	1.15988	0.291912	0.865174	-1.15594	0.967872	0.99468	-1.00535	0.692196	1.05411	1.05411	0.819425	0.227523	0.248919	1
cg04025701	RPS14;RPS14;RPS14;RPS14;RPS14	0.616172	?	?	?	0.347488	2.81032	2.81032	0.94458	1.07709	1.07709	0.551402	1.90356	1.90356	?	?	?	0.647872	1.63427	1.63427	0.722966	1.4626	1.4626	0.110207	0.15574	-6.42094	0.818028	1.27913	1.27913	0.789032	11.0903	16.0635	1
cg00049660	PANK2;PANK2;PANK2	0.616181	0.405137	0.79767	-1.25334	0.597843	0.868139	-1.15157	0.622368	1.14066	1.14066	0.214823	0.707388	-1.41365	0.119158	0.638677	-1.56574	0.578832	1.16027	1.16027	0.628906	0.878886	-1.1378	0.939238	1.02042	1.02042	0.535595	1.18095	1.18095	0.91989	0.912102	0.989465	1
cg00038131	NOTCH2NL	0.616219	0.686027	0.863097	-1.15802	0.779267	0.896193	-1.11583	0.328076	1.69426	1.69426	0.509457	0.784721	-1.27434	0.602662	0.709417	-1.40918	0.601912	1.0404	1.0404	0.871813	1.03083	1.03083	0.807596	1.4697	1.4697	0.592574	0.903413	-1.10691	0.819519	0.458991	0.497843	1
cg17155596	STAMBPL1;STAMBPL1	0.616224	0.610093	1.09898	1.09898	0.671121	0.924612	-1.08153	0.264447	1.23795	1.23795	0.342623	0.835751	-1.19653	0.466088	1.14582	1.14582	0.774671	1.05409	1.05409	0.401152	0.854104	-1.17082	0.800097	1.04767	1.04767	0.154969	1.32223	1.32223	0.819328	0.437018	0.474121	1
cg12014547	NELL1;NELL1	0.616225	0.854845	1.01532	1.0705	0.853139	1.09444	1.09444	0.846995	1.07466	-1.10197	?	?	?	0.906153	1.04437	1.04437	0.769619	1.02619	1.02619	0.226579	1.22629	1.22629	0.670155	1.40312	1.40312	0.124514	0.849007	1.31996	1.31996	0.553497	1.35895	0.858375	2.9707	3.6863	1
cg20959002	AMZ1	0.616229	0.395602	2.16102	2.16102	0.206293	1.25676	1.25676	0.5669	0.799538	-1.66094	0.457579	1.95428	1.95428	0.368709	0.441428	2.26537	0.605099	0.630104	-1.58727	0.49109	1.85796	1.85796	0.667524	1.46632	1.46632	0.320628	0.402959	-2.48164	0.819319	10.1799	11.0443	1
cg18449728	CAP2;CAP2	0.616242	0.431829	1.28667	1.28667	0.583152	1.21621	1.21621	0.538507	1.21611	1.21611	0.159498	1.53747	1.53747	0.791301	0.920051	-1.0869	0.88842	0.956852	-1.04509	0.495179	0.780521	-1.28103	0.591134	0.843344	-1.18576	0.188688	0.645613	-1.54892	0.8193	1.28088	1.38967	1
cg07373108	USP6NL;USP6NL ASTN2;TRIM32;TRIM32;ASTN2;ASTN2;	0.616255	0.972351	1.08726	1.08726	0.912284	0.537256	-1.85955	0.947701	1.27673	1.27673	0.760253	1.04485	1.04485	0.720373	1.17602	1.17602	0.914864	1.01405	1.01405	0.944214	1.01582	1.01582	0.824268	1.07144	1.07144	0.739964	1.05512	1.05512	0.824268	1.07144	1.07144	0.739964	1.05512	1.05512	0.824268	0.201404	0.205512	1
cg13557688	TRIM32;ASTN2;TRIM32	0.616256	0.234302	0.514618	-1.94319	0.214527	2.00626	2.00626	0.502815	1.4367	1.4367	0.564884	0.733405	-1.3635	0.702338	0.814971	-1.22704	0.296397	1.78051	1.78051	0.824433	1.12569	1.12569	0.439381	0.656903	-1.5223	0.672097	0.979035	-1.25465	0.819278	0.684006	0.399708	1
cg23556715	ICAM2;ICAM2;ICAM2;ICAM2;ICAM2	0.61626	0.54197	1.35031	1.35031	0.108113	2.34632	2.34632	0.545976	1.3462	1.3462	0.892866	0.936547	-1.06775	0.714031	1.19609	1.19609	0.464539	1.43642	1.43642	0.117293	2.28797	2.28797	0.676977	0.815609	-1.22608	0.840852	0.906817	-1.10276	0.819272	3.07111	3.33208	1
cg01057599	UPRT;UPRT	0.616263	0.279785	0.462887	-2.16036	0.126766	0.322291	-3.10278	0.73733	0.779387	-1.28306	0.269036	2.20151	2.20151	0.466717	0.60185	-1.66154	0.367881	0.53042	-1.8853	0.954723	0.961824	-1.03969	0.970126	1.02601	1.02601	0.83417	1.15456	1.15456	0.819268	0.09816	0.61619	1
cg10880795	MGC42105	0.616263	0.63667	0.803703	-1.24437	0.77225	0.951393	-1.05109	0.409333	1.28891	1.28891	0.776768	1.28549	0.822639	0.731768	1.28549	0.822639	0.794569	1.03836	-1.07685	0.12889	0.605185	-1.53802	0.277262	0.743468	-1.34505	0.513152	1.18984	1.18984	0.819268	0.892959	0.968843	1
cg10207192	IRF2	0.616268	0.396813	1.2214	1.2214	0.13959	0.4426	1.4426	0.777083	0.936666	-1.06762	0.941221	0.983146	-1.01714	0.484132	0.84883	-1.17809	0.966358	1.00977	1.00977	0.214617	0.739979	-1.35139	0.425521	1.20632	1.20632	0.87377	0.964016	-1.03733	0.819266	0.638096	0.747987	1
cg17783401	RGS20	0.616281	0.325545	0.977713	-1.0975	0.933599	0.97308	-1.02748	0.453807	1.16048	1.16048	0.887752	0.303272	3.29737	0.850295	0.551394	-1.78017	0.444326	0.628206	0.878886	-1.1378	0.939238	1.02042	1.02042	0.535595	1.18095	1.18095	0.91989	0.912102	0.989465	1
cg01891583	USP7	0.616293	0.98259	0.964226	-1.0371	0.758502	0.59759	-1.67339	0.561747	2.66308	2.66308	0.85385	1.35471	1.35471	0.379184	0.50953	-1.50953	0.117189	0.058356	-17.1362	0.239778	0.128086	-7.80723	0.570589	2.60197	2.60197	0.683866	2.2041	2.2041	0.819223	36.1639	39.2393	1
cg25382400	SOX20T	0.616293	0.502262	0.822703	-1.21551	0.165128	0.654194	-1.5286	0.283012	0.726365	-1.37672	0.327793	1.33577	1.33577	0.462335	0.806935	-1.23917	0.78033	0.926297	-1.07957	0.492271	0.818823	-1.22127	0.946042	0.980789	-1.01959	0.396856	1.2823	1.2823	0.819223	1.06576	1.15639	1
cg20036732	DEGS2	0.616311	0.258244	0.577539	-1.73164	0.212275	0.765736	-1.30585	0.29732	0.729132	-1.37095	0.414429	1.32323	1.32323	0.755197	0.932025	-1.07303	0.564323	0.822672	-1.21555	0.113578	0.502464	-1.98756	0.211597	0.561744	-1.78017	0.991757	0.996546	-1.00347	0.908835	1.03912	1.03912	0.819196	0.91457	0.57954	1
cg26933422	MGAT1;MGAT1	0.616311	0.817541	1.06806	1.06806	0.367468	0.768136	-1.30185	0.471401	0.811599	-1.23214	0.232775	1.42836	1.42836	0.555161	0.880274	-1.13601	0.956192	0.984469	-1.01578	0.211673	0.687353	-1.45486	0.982605	0.993807	-1.00623	0.189661	0.673106	-1.48565	0.819195	1.05339	1.14301	1
cg14695566	PALM;PALM	0.616319	0.793365	0.893094	-1.12002	0.607777	0.896193	-1.11583	0.328076	1.69426	1.69426	0.509457	0.784721	-1.27434	0.602662	0.709417	-1.40918	0.601912	1.0404	1.0404	0.871813	1.03083	1.03083	0.807596	1.4697	1.4697	0.592574	0.903413	-1.10691	0.819519	0.458991	0.497843	1
cg05575046	C16orf80	0.616313	?	?	?	0.828673	1.38148	1.38148	?	?	?	?	0.485834	2.87478	2.87478	0.205096	7.34185	7.34185	?	?	?	0.421782	3.39956	3.39956	0.229302	6.56032	6.56032	0.274687	5.44498	5.44498	0.766841	18.0024	31.3014	1
cg15977904	FAM19A5	0.616319	0.818579	1.18465	1.18465	0.249574	1.44853	1.44853	0.155962	3.06321	3.06321	0.813563	0.840101	-1.19403	0.226172	0.902151	-1.10818	0.616184	0.688848	-1.4517	0.262761	0.805291	-1.24157	0.930705	1.14971	1.14971	0.704834	0.756791	-1.32137	0.819183	1.98879	2.07589	1
cg09109833	BRD2;BRD2	0.616329	0.441109	0.739901	-1.35151	0.339332	1.54285	1.54285	0.487	0.200951	1.67859	0.188258	0.994373	-1.00566	0.23699	0.621815	-1.6082	0.6145	0.823039	-1.21501	0.445557	0.742657	-1.34652	0.582266	0.80812	-1.23744	0.667421	1.1803	1.1803	0.819168	1.90798	2.07027	1
cg06902558	PFKP	0.61633	0.776497	0.861015	-1.16142	0.811348	1.13396	1.13396	0.853503	0.907389	-1.10206	0.311658	0.576768	-1.7338	0.56697	1.35562	1.35562	0.669408	1.25334	1.25334	0.0793288	0.359132	-2.78449	0.688086	1.23637	1.23637	0.352444	0.604664	-1.65381	0.819167	3.58631	3.89155	1
cg06884401	FAM13A;FAM13A	0.616334	0.340413	0.781726	-1.27951	0.412284	0.536425	-1.86419	0.763746	-1.78101	0.952991	0.993545	-1.0065	0.496895	0.923765	1.36937	1.36937	0.402117	0.420181	2.38006	0.0403	0.222005	4.50451	0.0403	0.422367	-2.36369	0.045626	0.198587	-5.03886	0.819116	0.82808	0.32418	1
cg04738091	PTEN;KLLN	0.616342	0.893255	1.02121	1.02121	0.624579	1.08014	1.08014	0.259575	1.2018	1.2018	0.466103	1.12291	1.12291	0.763661	0.953962	-1.04826	0.329811	1.17021	1.17021	0.493473	0.897003	-1.11482	0.530491	1.10441	1.10441	0.163627	0.792666	-1.26156	0.819149	0.336013	0.343915	1
cg23188599	TLE6;TLE6	0.616351	0.647721	0.829252	-1.21206	0.930456	1.1097	1.1097	0.163157	1.0235	1.0235	0.926107	1.03954	1.03954	0.665577	0.833774	-1.19917	0.353546	1.49051	1.49051	0.0155	0.341245	0.663667	-1.50674	0.068375	0.426118	-2.34677	0.919318	0.852177	-1.17347	0.766233	0.513274	0.132574	0.814134	2.26724	2.46032	1
cg27389529	PHF6;PHF6;PHF6	0.616358	0.129731	0.250647	-3.98907	0.294849	0.399158	-2.50527	0.615183	0.818725	-1.22141	0.497027	1.79125	1.79125	0.877705	0.879944	-1.13702	0.11901	0.228232	-4.38204	0.168319	0.736233	-1.35827	0.89936	0.890562	-1.1289	0.977448	0.976388	-1.02418	0.819124	0.97074	1.00403	1
cg05266796	ATXN1;ATXN1	0.616361	0.919447	0.972097	-1.0287	0.10733	0.611583	-1.6351	0.621296	0.869958	-1.14948	0.402536	1.27081	1.27081	0.928265	1.02551	1.02551	0.561785	0.848646	-1.17835	0.789702	1.07765	1.07765	0.333442	0.756464	-1.32194	0.225321	0.700297	-1.42796	0.819119	0.10532	1.1018	1
cg25858373	GIOP1	0.616365	0.802355	1.08403	1.08403	0.787275	0.8238	1.2138	0.883486	1.14619	1.14619	0.458292	1.44553	1.44553	0.480857	0.720959	-1.38749	0.868497	1.20599	1.20599	0.0206	0.633877	1.51889	1.51889	0.464959	0.9268	0.905469	1.11043	1.11043	0.819092	1.08063	1.16413	1
cg08941429	C7orf26	0.616366	0.78147	1.06733	1.06733	0.592199	0.881	-1.13507	0.993323	0.998041	-1.00196	0.249733	1.3256	1.3256	0.572115	1.14313	1.14313	0.131627	1.46428	1.46428	0.299374	1.28662	1.28662	0.165774	1.41388	1.41388	0.726491	1.08577	1.08577	0.819112	0.712286	0.772963	1
cg14127859	BAR01	0.616396	0.367593	1.2849	1.2849	0.155511	0.857824	-1.1706	0.270645	0.757386	0.439737	-2.27927	0.536487	0.420003	-2.38095	0.3946	3.35334	0.353334	0.373347	0.283155	-3.15422	0.098644	1.00236	1.00236	0.501287	0.388822	-2.57187	0.691266	0.57689	-1.73343	0.134719	0.57262	0.93762	0.819111	24.9809	27.1089	1
cg18800042	PCDH1	0.616371	0.755055	0.895333	-1.1169	0.179639	0.604415	-1.65449	0.413974	0.744514	-1.34316	0.855859	0.937784	-1.06634	0.521462	0.794884	-1.25805	0.257872	0.658955	-1.51755	0.230623	0.15935	0.559355	0.758356	1.11518	1.11518	0.629283	1.18749	0.819105	1.60902	1.75696	1
cg26653489	AGER;AGER	0.616375	0.576645	1.25653	1.25653	0.300197	1.54443	1.54443	0.730418	0.869325	-1.15032	0.410499	0.71124	-1.406	0.813923	1.10016	1.10016	0.195687	0.574637	-1.74023	0.397555	1.42007	1.42007	0.467755	1.34033	1.34033	0.403052	0.707197	-1.41403	0.819099	2.12618	2.30756	1
cg20407114	FAM13A;TSPAN9	0.616377	0.68162	1.74702	1.74702	0.10033	2.44853	2.44853	0.155962	3.06321	3.06321	0.813563	0.840101	-1.19403	0.226172	0.902151	-1.10818	0.616184	0.688848	-1.4517	0.262761	0.805291	-1.24157	0.930705	1.14971	1.14971	0.704834	0.756791	-1.32137	0.819183	1.98879	2.07589	1
cg02603166	RPS21	0.616378	0.505494	1.11734	1.11734	0.282218	1.20142	1.20142	0.293082	1.19615	1.19615	0.29739	1.19411	1.19411	0.447235	1.13565	1.13565	0.702604	0.938949	-1.06502	0.875282	0.974537	-1.02613	0.464604	1.13	1.13	0.0934398	1.3539	1.3539	0.819093	0.948311	0.379619	1
cg16069226	MRPL39;MRPL39	0.616382	0.605639	1.1807	1.1807	0.439455	1.24845	1.24845	0.213441	1.23445	1.23445	0.380013	1.21285	1.21285	0.685633	1.09121	1.09121	0.837869	1.0483	1.0483	0.844685	1.03126	1.03126	1.0483	1.0483	1.0483	0.844685	1.03126	1.03126	1.0483	0.844685	1.03126	1.03126	1.0483	0.844685	1.03126	1.03126

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Fold-Change(1-p-value(105T vs. N)	Fold-Change(1-p-value(107T vs. N)	Fold-Change(1-p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(1-p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(1-p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(1-p-value(127T vs. N)	Ratio(127T vs. N)	Fold-Change(1-p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(1-p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(1-p-value(527T vs. N)	Ratio(527T vs. N)	Fold-Change(1-p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19559984	CREB5;CREB5;CREB5;CREB5	0.617086	0.475382	1.70267	1.75267	1.44326	1.8304	1.83004	0.973263	0.974422	1.02625	1.502344	1.68418	1.608418	1.208853	1.85665	1.85665	0.113124	1.40965	1.40965	0.424869	1.86764	1.86764	0.144324	1.36159	0.336185	2.26879	0.81802	7.74362	8.41449	1
cg20563759	PPARGC1B	0.617102	0.999047	1.00016	1.00016	0.422949	0.896441	1.11552	0.143415	0.830575	1.23369	0.605113	0.932702	1.072115	0.553497	0.923061	1.08335	0.121927	0.799369	1.25099	0.189957	0.830754	1.20373	0.746618	0.957623	1.04425	0.801777	0.10417	1.03417	0.817997	0.231129	0.251159	1
cg17518899	PRPF40B	0.617106	0.715849	1.06184	1.06184	0.94806	1.01075	1.01075	0.574513	1.09757	1.09757	0.640078	1.08036	1.08036	0.727352	1.05913	1.05913	0.254233	0.822507	1.21579	0.734685	1.05742	1.05742	0.287468	1.19873	1.19873	0.0883387	1.36154	1.36154	0.81799	0.348976	0.379223	1
cg13352311	CLPTM1L	0.617107	0.609889	1.16199	1.16199	0.4415	0.795351	1.25717	0.466932	0.805747	1.24108	0.117014	0.657923	1.51993	0.747326	0.909997	1.0989	0.268188	0.714267	1.40004	0.248656	1.42167	1.42167	0.833993	1.06339	0.679859	1.08519	1.08519	0.817989	1.10283	1.19842	1
cg06176987	INPP4B;INPP4B	0.617112	0.264538	0.596298	1.67701	0.804558	0.895629	1.11653	0.966307	1.01896	1.02486	0.326832	0.636332	1.57151	0.0935684	0.440463	2.27034	0.335098	0.64279	1.55572	0.921588	1.04475	1.04475	0.987374	1.00706	1.00706	0.222224	0.565335	1.76886	0.817981	2.56071	2.78269	1
cg04579682	UBE4A	0.617131	0.259256	0.637837	1.5678	0.415176	1.37467	1.37467	0.525048	1.279	1.279	0.274666	0.647795	1.543548	0.369759	1.4218	1.4218	?	?	?	0.819025	1.09151	1.09151	0.553221	1.25756	1.25756	0.46337	1.33	1.33	0.804477	1.65322	2.05503	1
cg17840453	TRIM28	0.617142	0.319486	0.732966	-1.36432	0.924512	1.02903	1.02903	0.232556	1.4594	1.4594	0.750325	1.1012	1.1012	0.760881	1.09655	1.09655	0.771	1.09213	1.09213	0.167087	0.640975	-1.56012	0.295156	1.38796	1.38796	0.914022	1.03315	1.03315	0.817936	1.18122	1.28369	1
cg00702546	KCTD1	0.617142	0.903691	1.07958	1.07958	0.68014	0.675887	1.40254	0.331842	0.532844	1.87672	0.594441	0.675033	1.480414	0.586768	1.41502	1.41502	0.311985	1.93789	1.93789	0.13124	0.558833	-2.78681	0.91168	0.932222	-1.07271	0.831547	0.53048	-1.88508	0.817936	5.18314	5.63276	1
cg17051395	RPTOR;RPTOR	0.617155	0.500219	1.27652	2.76512	0.616234	0.835032	-1.19756	0.188239	1.64448	0.64225	0.850576	-1.17567	0.413566	0.744345	1.34745	1.34745	0.482274	1.29019	1.29019	0.909697	1.04131	1.04131	0.785635	0.907316	-1.10215	0.171746	0.59509	-1.68042	0.817932	1.64887	1.79102	1
cg23522427	KCNH2;KCNH2	0.617147	0.0787007	1.99761	1.99761	0.268839	0.654927	-1.50392	0.968201	0.985895	-1.01431	0.882324	0.948867	-1.05389	0.631758	1.18661	1.18661	0.543608	0.804253	-1.24339	0.532108	1.25139	1.25139	0.796398	0.912452	-1.09595	0.83033	1.079	1.079	0.817928	1.62658	1.76769	1
cg06134936	HERC4;HERC4	0.617151	0.565507	1.18429	1.18429	0.525153	0.795763	1.341	0.979754	1.00736	1.00736	0.476668	1.23241	1.231241	0.731297	1.36011	1.36011	0.268669	1.19476	1.19476	0.868227	1.04874	1.04874	0.880196	0.72312	-1.3829	0.358885	1.13117	1.13117	0.817922	1.08016	1.1741	1
cg05898602	TMEM97	0.617165	?	?	?	0.86125	1.12956	1.12956	0.366648	0.521047	-1.91921	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.523607	0.850474	0.827278	1
cg05797623	ADAMTS3	0.617176	0.428922	0.569919	-1.75462	0.953991	1.04009	1.04009	0.501558	1.60788	1.60788	0.83221	0.863443	-1.15815	0.215008	0.403024	2.48124	0.190225	0.380636	-2.62718	0.232575	0.493283	-2.19074	0.2741	0.452769	-2.20863	0.835426	1.15586	1.15586	0.817884	6.27956	6.82483	1
cg03900028	ZNF117	0.617179	0.625101	1.63148	2.63148	0.958195	0.909473	-1.09954	0.99128	1.0217	1.0217	0.315192	1.129965	-7.69439	0.595326	2.86685	2.86685	0.899524	1.2817	1.2817	0.106497	0.0133374	-31.9108	0.257131	10.2127	10.2127	0.76058	1.82299	1.82299	0.81788	50.0022	54.3434	1
cg24628676	PDE4D;PDE4D	0.617184	0.992001	0.998481	-1.00152	0.521185	0.906519	-1.10361	0.564355	0.915448	-1.09236	0.515821	1.10505	1.10505	0.098124	1.31661	1.31661	0.757231	1.04813	1.04813	0.163852	1.25263	1.25263	0.80123	1.03899	1.03899	0.830993	1.03293	1.03293	0.817872	0.297735	0.323588	1
cg00350402	SMAD6;SMAD6;SMAD6	0.617199	0.832646	1.09593	0.796565	1.13894	1.13894	0.565468	1.52784	0.527849	1.89583	0.153778	0.876825	0.935272	1.06921	1.02925	0.463133	2.15979	0.463133	2.15979	0.0102925	0.537361	1.86115	0.742896	1.22354	1.22354	0.122964	0.470426	-2.02665	0.749	1.33	0.804477	1.65322	2.05503	1
cg06222902	MYT1L	0.617201	0.871176	0.961506	-1.04004	0.09616692	0.642812	-1.55566	0.861592	0.958669	-1.04311	0.715648	1.09252	1.09252	0.629303	1.12485	1.12485	0.733451	0.920648	-1.08619	0.587315	0.875862	-1.14173	0.465946	0.835717	-1.19658	0.222454	1.36359	1.36359	0.817846	0.757802	0.823629	1
cg02385521	FCHO1;FCHO1;FCHO1;FCHO1	0.617212	0.766084	0.618524	-2.06544	0.338772	0.0902329	-11.0824	0.499523	1.53215	0.53275	0.583794	1.85605	0.539505	0.176608	0.0300727	-33.2528	0.585819	1.82761	1.82761	0.410459	1.79338	1.79338	0.852882	1.57279	1.57279	0.266521	0.0994013	-16.8347	0.817799	77.0754	83.7754	1
cg17533884	MRAS;MRAS	0.617223	0.481707	1.64949	1.64949	0.421863	0.585498	-1.70795	0.47687	0.623822	-1.60302	0.676579	1.51485	0.661455	0.505053	0.573561	1.74334	0.136385	0.355106	-2.84955	0.62244	1.38237	1.38237	0.851525	1.13003	1.13003	0.370572	1.82189	1.82189	0.817797	5.51307	5.99232	1
cg22805813	DENR	0.617235	0.416884	1.14839	1.14839	0.484187	0.887772	-1.12642	0.0760396	0.738518	-1.39175	0.948356	0.989213	-1.01091	0.497943	1.1221	1.1221	0.809056	0.960275	-1.04137	0.483697	1.12657	1.12657	0.998769	0.999742	-1.00026	0.680241	0.932963	-1.07185	0.817795	0.363125	0.394692	1
cg01584838	ADHFE1	0.617254	0.591344	1.31429	1.31429	-1.09374	0.838092	1.01643	1.0144	0.997534	1.00236	0.864815	-1.15632	0.925187	1.11232	1.21519	1.21519	0.240983	0.815407	1.22626	0.311297	0.840983	-1.18924	0.908335	0.917761	-1.09078	0.210367	1.24386	1.24386	0.817738	0.35399	0.38479	1
cg11671290	BAT1;SNORD84;BAT1	0.617286	0.574312	0.847191	-1.18037	0.346051	0.753118	-1.32781	0.393421	0.774581	-1.29102	0.157209	0.642754	-1.5558	0.425586	1.26837	1.26837	0.744281	1.10036	1.10036	0.852464	0.947056	-1.0559	0.876274	1.04658	1.04658	0.284028	1.38429	1.38429	0.817718	1.10563	1.20186	1
cg12218193	CROCC1	0.617291	0.641024	0.846453	-1.17693	0.756443	1.114	1.114	0.897554	1.11408	1.11408	0.760846	1.31876	1.31876	0.756507	1.32132	1.32132	0.678353	1.50288	1.50288	0.476107	2.10255	1.3352	1.3352	0.901807	1.10407	1.10407	0.876002	0.863879	-1.15757	0.82771	1.15926	1.40848	1
cg11645417	ARHGEF6	0.617299	0.664952	0.573491	-1.74371	0.83229	0.764178	-1.3086	0.548838	0.46114	-2.16854	0.16832	0.50972	0.50972	0.951698	0.925614	1.08036	0.309264	0.261142	-3.82934	0.132355	0.1259	-7.94281	0.876056	1.22039	1.22039	0.773172	0.691588	-1.44595	0.817699	21.0865	22.9224	1
cg02231062	TNFRSF13C	0.617318	0.927226	1.04011	1.04011	0.520366	0.755391	-1.32382	0.954578	0.975775	-1.02483	0.908665	0.951792	-1.05065	0.949018	0.904217	1.10586	0.532211	1.3131	1.3131	0.233378	1.71247	0.569301	1.28098	1.28098	0.735654	1.15707	1.15707	0.817669	2.4004	2.60947	1
cg18359596	FOXN3;FOXN3	0.617322	0.975411	1.02503	1.02503	0.150864	0.65814	1.51984	0.658214	0.18115	2.83644	0.0132	0.353514	2.829	0.353514	1.3409	1.3409	0.144082	0.690045	1.44972	0.415272	1.84001	1.84001	0.543397	0.95339	-1.04889	0.926793	0.934919	1.07664	0.85404	5.54922	6.13982	1
cg11846580	ZFPM1	0.617323	0.514949	0.720897	-1.38716	0.956764	1.02724	1.02724	0.294669	1.71374	1.71374	0.817781	1.06577	1.06577	0.500806	0.71271	-1.40309	0.583403	0.759949	-1.31588	0.161955	0.477051	-2.09621	0.178219	0.492144	-2.03193	0.460872	0.689292	-1.45076	0.817662	3.18116	3.45827	1
cg22141456	PTPRM;PTPRM JMJD7-PLA2G4B;JMJD7- PLA2G4B;PLA2G4B	0.617324	0.988401	1.00319	1.00319	0.65572	0.89513	-1.11716	0.0997393	0.673848	-1.48401	0.524935	1.1514	1.1514	0.140842	0.70708	-1.41427	0.609591	1.1193	1.1193	0.833545	0.954725	-1.04742	0.893507	0.971117	-1.02974	0.945224	0.985077	-1.01515	0.817661	0.620075	0.674091	1
cg13038025	PLA2G4B;PLA2G4B	0.617334	0.165442	0.281467	-3.55281	0.65694	1.46676	1.46676	0.387305	2.13692	2.13692	0.66226	0.686163	-1.45738	0.232806	0.34227	-2.92167	0.498679	0.555118	-1.80142	0.394743	0.473805	-2.11057	0.429197	0.500783	-1.99587	0.363409	0.449129	-2.22653	0.817645	9.50957	10.3382	1
cg23381449	SDR39U1;MAIP1	0.617339	0.963084	1.03784	1.03784	0.462974	0.827252	1.20851	0.827252	1.08485	1.08485	0.921787	1.0682	1.0682	0.936798	1.06827	1.06827	0.840048	1.16221	1.16221	0.310421	1.29685	1.16257	1.16257	0.497823	1.08357	1.08357	0.441089	0.563768	-1.77378	0.817629	0.892111	0.749279	1
cg01780493	SEMA3C	0.617346	0.356786	1.26062	1.26062	0.939821	0.981719	-1.01862	0.624017	1.12831	1.12831	0.620822	0.88196	-1.13384	0.491823	0.843149	-1.18603	0.214397	0.726575	-1.37632	0.543056	0.860331	-1.16234	0.281175	1.31483	1.31483	0.335507	1.27467	1.27467	0.817627	0.773268	0.840664	1
cg18434844	ADA1	0.617353	?	?	?	0.980805	1.02006	1.02006	0.163189	1.53157	1.53157	0.466683	0.652917	1.52979	0.597703	1.26014	1.26014	0.128378	0.26393	-3.78837	0.0781	0.104131	1.04313	0.0318	0.970028	0.904949	0.00278	1.43634	1.43634	0.817608	0.940669	1.00782	1
cg18493060	SNX3;SNX3	0.617369	0.306314	0.633281	-1.57908	0.640341	0.816304	-1.22503	0.566599	1.28384	1.28384	0.0749347	0.425073	-2.35254	0.353028	0.662194	1.51013	0.899873	0.947152	-1.0558	0.591667	0.791705	-1.2631	0.280673	0.616513	-1.62202	0.865683	0.929582	-1.07575	0.817591	2.40911	2.6192	1
cg14519682	LRSAM1;RP11;LRSAM1;LRSAM1	0.617373	0.309633	0.723948	-1.38132	0.360731	0.142193	0.142193	0.253229	1.53973	0.53973	0.50542	0.776334	-1.28811	0.931956	1.03251	1.03251	0.77134	1.15536	1.11536	0.572212	1.2384	1.2384	0.877941	0.944048	-1.05927	0.168859	0.577401	-1.73319	0.817586	1.81746	1.97596	1
cg08931682	TTYH3	0.617376	0.642502	0.839284	-1.19107	0.756443	1.114	1.114	0.897554	1.11408	1.11408	0.760846	1.31876	1.31876	0.756507	1.32132	1.32132	0.678353	1.50288	1.50288	0.476107	2.10255	1.3352	1.3352	0.901807	1.10407	1.10407	0.876002	0.863879	-1.15757	0.82771	1.15926	1.40848	1
cg18862171	ACTN3;ZDHHC24	0.617379	0.876666	1.05566	1.05568	0.37597	1.37302	1.37302	0.849282	1.06863	1.06863	0.668554	0.860474	-1.16215	0.162801	0.594616	-1.68176	0.659415	1.16995	1.16995	0.441343	0.760381	-1.31513	0.349439	1.39943	1.39943	0.282331	1.47668	1.47668	0.817576	1.57631	1.7138	1
cg19194595	PHF15;PHF15;PHF15	0.617385	?	?	?	0.807783	0.641991	1.55763	0.972307	1.02907	1.02907	0.107192	0.933797	1.07069	0.183895	5.43595	5.43595	0.220107	0.076104	-13.1398	0.663264	0.455356	-2.19577	0.459319	0.484857	-2.06257	0.888474	1.12353	1.12353	0.80945	45.1746	56.181	1
cg00256512	CDLEC1;CDLEC1 MAPT;LOC100128977;MAPT;MAPT;MA PT;MAPT;MAPT	0.617384	0.859979	0.959987	-1.04168	0.367187	0.807156	-1.23892	0.477638	0.846219	-1.18173	0.42906	0.82969	-1.20527	0.349905	0.800488	-1.24924	0.434291	0.831513	-1.20263	0.128921	1.46154	1.46154	0.788641	0.93975	-1.06411	0.431855	0.830665	-1.20385	0.8757	0.692582	0.752997	1
cg11117266	PTJAP1;MAP7	0.617384	0.729333	0.929382	-1.07598	0.884157	1.03122	1.03122	0.699059	1.08535	1.08535	0.472699	0.857277	-1.16648	0.822058	1.04864	1.04864	0.804253	0.94899	-1.05375	0.0435319	0.613011	-1.63129	0.447079	0.849266	-1.17749	0.611007	0.897492	-1.11422	0.817569	0.575594	0.625806	1
cg13543128	FBXW8;FBXW8	0.617387	0.147911	0.426848	-4.05108	0.824614	0.818707	-1.22144	0.889443	1.13289	1.13289	0.557917	0.586235	-1.7058	0.174104	0.271706	-3.68045	0.354799	0.424058	-2.35817	0.110884	0.216681	-4.61507	0.610492	0.629416	-1.58877	0.646994	0.874594	-1.48349	0.817564	10.5165	11.434	1
cg26361807	EPHC3	0.617388	?	?	?	?	0.920008	1.08677	0.260206	0.65089	1.53615	0.235657	0.432332	-2.44346	0.301802	3.31549	3.31549	0.210023	0.782443	-1.27836	0.160609	1.16609	1.16609	0.18739	0.708063	-1.41212	0.0708	1.32122	1.32122	0.760996	0.579581	-1.72539	0.84554	0.73812	1
cg17388681	MIR548G;C3orf26	0.617388	?	?	?	?	0.892446	0.896869	-1.11499	0.193268	3.02737	3.02737	0.362684	0.47107	-2.12283	0.365027	2.11463	2.11463	0.432203	1.90587	1.90587	0.561514	1.60373	1.60373	0.248959	2.63682	2.63682	0.774442	0.793597	-1.26009	0.804081	7.32817	9.11372	1
cg18232738	SLC35A2;SLC35A2;SLC35A2;SLC35A2	0.617393	0.167594	0.0910081	-10.988	0.891901	0.915091	-1.09256	0.55574	0.799342	1.25094	0.591194	0.691512	-1.60152	0.202173	0.594961	0.677509	0.120658	0.664921	-1.50389	0.0819805	0.807749	1.23801	0.807749	0.806357	-1.23801	0.817555	0.34	37.1798	41.3	1
cg00525993	TIP1;TIP1	0.617394	0.906558	1.04173	1.04173	0.5578	0.818261	-1.23054	0.500277	0.788016	1.26901	0.930047	1.03104	1.03104	0.156396	1.22423	1.22423	0.778157	1.10333	1.10333	0.100869	1.87263	1.87263	0.161868	1.68207	0.697701	0.779376	0.991188	1.00889	0.817554	1.56948	1.70643	1
cg03596678	C5orf97	0.617396	0.651533	0.951203	-1.0513	0.565166	0.938022	-1.06607	0.844546	1.02184	1.02184	0.54621	0.935009	-1.06951	0.685156	1.04587	1.04587	0.175802	0.853513	-1.17163	0.439062	1.09072	1.09072	0.928521	0.990176	-1.00992	0.148731	1.1858	1.1858	0.817552	0.156777	0.170457	1
cg23579537	RNASH2B;RNASEH2B	0.617401	0.926586	1.03787	1.03787	0.467019	0.737132	1.36278	0.737132	1.08485	1.08485	0.720064	1.38877	0.688706	1.45145	0.705575	1.41732	0.935302	0.972057	-1.02875	0.979041	0.876612	1.14502	1.14502	0.454248	1.30338	1.30338	0.447544	1.57874	1.79162	1
cg04525441	ADARB2	0.617411	0.123324	0.328916	-3.04029	0.652838	0.739616	-1.35205	0.75156	0.809315	-1.23561	0.717617	0.785152	-1.27364	0.1281	0.334285	2.99146	0.465173	0.609448	-1.64072	0.550266	0.668575	-1.49572	0.13894	0.346111	-2.88925	0.832624	0.868515	1.01	0.817545	0.74539	0.824689	1
cg20481909	IRF5;IRF5;IRF5;IRF5;IRF5 CDC42BPA;CDC42BPA;CDC42BPA;CDC4	0.617421	0.072589	0.38112	-2.62384	0.65891	0.810191	-1.23428	0.872518	1.07899	1.07899	0.887516	0.935193	-1.0693	0.713563	0.839763	-1.19081	0.48691	0.715206	-1.3982	0.834302	1.10426	1.10426	0.329931	1.61318	1.61318	0.640919	1.24932	1.24932	0.821315	2.85332	2.70207	1
cg10233133	ZBP4	0.617426	0.259718	0.20851	1.20851	0.800001	1.04174	1.04174	0.524617	1.09785	1.10885	0.3782	0.864457	-1.15678	0.883525	1.35376	1.35376	0.972298	1.00561	1.00561	0.75435	1.05186	1.05186	0.674393	1.07044	1.07044	0.325932	1.17749	1.17749	0.817506	0.335965	0.365301	1
cg10467681	ANAPC2;SSNA1	0.617426	0.284353	0.732967	-1.36453	0.915153	1.00935	1.00935	0.516686	1.09316	1.09316	0.61698	0.885575	-1.1553	0.763551	1.05205	1.05205	0.524535	1.11457	1.11457	0.354302	1.17002	1.17002	0.317004	0.894023	-1.11801	0.624886	1.22819	1.22819	0.817506	0.366275	0.398257	1
cg00148441	EIF5A;EIF5A;EIF5A;EIF5A;EIF5A	0.617427	0.505888	1.23366	1.23366	0.713206	1.1217	1.1217	0.150161	1.61587	1.61587	0.913774	1.03427	1.03427	0.245425	1.45929	1.45929	0.929713	0.972918	-1.02783	0.165161	1.58498	1.58498	0.22628	1.48476	1.48476	0.286791	1.41072	1.41072	0.817504	1.25303	1.36245	1
cg07058931	DST;DST;DST;DST	0.617446	0.698317	0.914393	-1.09362	0.734408	1.08139	1.08139	0.76522	1.07124	1.07124	0.358787	0.805074	-1.24212	0.365941	1.60775	1.60775	0.383317	1.23084	1.22804	0.275852	1.29753	1.29753	0.894319	0.967665	-1.03142	0.174859	0.717794	-1.39316	0.817476	0.683568	0.743284	1
cg10699496	ADCY5	0.617453	0.508122	0.626442	-1.59632	0.106288	0.741692	0.741692	0.357359	2.86737	2.86737	0.761121	0.808631	-1.23666	0.560221	0.663422	1.50734	0.807833	0.84887	-1.18502	0.950627	1.04008	1.04008	0.927688	1.06528	1.06528	0.975033	0.978434	-1.02204	0.817466	0.68227	0.83225	1
cg12033943	ZNF345	0.617454	0.2818	0.71033	-1.4078	0.151587	0.625122	-1.59969	0.969124	0.988234	-1.01191	0.39186	0.764718	-1.30767	0.275059	0.706635	-1.41516	0.830048	0.936385	-1.06794	0.311106	0.72582	-1.37775	0.563396	1.19558	1.19558	0.562738	1.19594	1.19594	0.817463	1.21057	1.31635	1
cg10721273	HTRA3	0.617455	0.494362	0.754525	-1.32545	0.27756	0.525612	-1.90393	0.485022	0.63141	-2.13798	0.443028	0.595801	-1.67904	0.268527	0.608706	-1.64355	0.470512	0.53575	-1.86705	0.0970557	0.479572	2.08571	0.447861	0.526863	-1.89802	0.0995	2.11958	2.11958	0.817453	18.1752	19.7635	1
cg00945238	PCDH10;PCDH10	0.617462	0.645872	0.9312	-1.07388	0.239059	0.826926	-1.2092	0.194816	0.809549	-1.23526	0.302057	0.848133	-1.17906	0.437016	0.885013	1.12993	0.51019	1.10839	1.10839	0.607669	1.08305	1.08305	0.374961	0.869105	-1.15061	0.620654	1.07989	1.07989	0.817451	0.307287	0.334141	1
cg16874494	FAM20C	0.617468	0.643384	2.02082	2.02082	0.426949	1.5345	1.5345	0.24139	0.64739	2.24199	0.238134	0.604733	1.56839	0.593127	0.955302	1.04669	0.783082	1.15683	1.15683	0.167635	1.02518	1.02518	0.515625	0.707907	-1.41261	0.969004	1.0214	1.0214	0.817428	1.60792	1.74533	1
cg13186846	TMEM167B	0.617483	0.682523	1.43114	1.43114	?	?	0.462392	1.9219	1.9219	?	?	?	?	?	?	?	?	?	?	0.206961	3.21763	3.21763	?	?	?	0.700509	0.714019	-1.40052	0.697383	3.64507	9.14686	1
cg27231188	KIAA1804	0.617496	0.339059	0.619185	-1.61503	0.606246	0.777639	-1.28594	0.719678	1.19161	1.19161	0.210697	1.89043	0.890433	0.430538	0.676115	-1.47904	0.566561	1.32553	1.32553	0.165653	2.05285	2.05285	0.748931	1.16906	1.16906	0.802815	1.12942	1.12942	0.8174	3.06336	3.33127	1
cg00306592	ZNF649	0.617509	0.432405	1.2335	1.2335	0.925353	1.00285	1.00285	0.501388	1.03988	1.03988	0.879543	1.02035	1.02035	0.448153	0.980225	1.02035	0.163713	0.615625	-1.5241	0.18369	1.04215	1.04215	0.880507	0.993134	-1.00691	0.581609	0.854746	1.16994	0.81738	1.20955	1.11962	1
cg22056044	TM9SF3	0.617533	0.617968	0.916769	-1.09079	0.438773	1.14624	1.14624	0.668007	1.07742	1.07742	0.584016	0.908861	-1.10028	0.0809153	1.39723	1.39723	0.769674	1.05205	1.05205	0.919448	1.01764	1.01764	0.310091	0.833995	-1.19905	0.929066	0.98473	-1.01551	0.817344	0.386668	0.420514	1
cg14407698	C5orf25;ONAI1;ONAI1	0.617534	0.299934	0.79448	-1.25901	0.696604	0.902342	1.10839	0.763622	0.974882	-1.02682	0.957197	0.974882	-1.02616	0.957197	0.974882	-1.02616	0.62663	1.16481	1.16481	0.363973	0.82655	1.33335	1.33335	0.88989	1.12389	1.12389	0.660665	1.07704	1.07704	0.817343	0.315568	0.350213	1
cg08573267	POMT2	0.617534	0.989371	-0.99332	-1.00673	0.0706413	0.361851	-2.76357	0.851192	1.12503	1.12503	0.388822	1.55955	1.55955	0.766226	0.860912	-1.16156	0.35245	0.617875	-1.61845	0.368913	0.628542	-1.59098	0.986904	0.991775	-1.00829	0.958114	0.974164	-1.02652	0.817342	2.27756	3.56447	1
cg14017045	ZBTB7A	0.617547	0.316511	1.87865	1.87865	0.483

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1237 vs. N)	Fold-Change(1237 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ci10656691	DOCK3		0.324935	1.87589	1.87589	1.241173	2.13682	2.13682	0.523505	1.49201	1.49201	0.304758	1.93041	1.93041	0.151784	2.58653	2.58653	0.277678	2.01104	2.01104	0.139699	2.67392	2.67392	0.934224	1.05241	1.05241	0.582027	1.41064	1.41064	0.816615	4.95351	5.39182	1
ci07537912	MECP2;MECP2		0.610841	0.125524	0.227888	-4.38812	0.172995	0.274319	-3.64539	0.830401	0.82581	-1.21084	0.372111	0.24398	0.24398	0.994156	0.937111	-1.06711	0.305566	0.38817	-2.57619	0.508027	0.549366	-1.82028	0.734657	0.738264	-1.35453	0.906934	0.900937	-1.10996	0.816575	10.2901	11.2013	1
ci13144966	C20orf27		0.61806	0.383969	1.38418	1.38418	0.673423	1.16693	1.16693	0.409924	1.35921	1.35921	0.545879	0.800438	-1.24932	0.373121	1.39512	1.39512	0.145571	1.76667	1.76667	0.498215	0.77848	-1.28456	0.298204	1.481	1.481	0.380533	1.38761	1.38761	0.816546	1.71521	1.86718	1
ci13572126	DAB2IP;DAB2IP		0.874845	0.896488	-1.11556	0.0632777	4.25915	4.25915	0.176967	1.70658	1.70658	0.602084	1.44049	1.44049	0.74961	0.800753	-1.24876	0.670869	1.34532	1.34532	0.901433	0.917627	-1.08977	0.960118	1.0353	1.0353	0.934491	0.94456	-1.05869	0.816527	6.22488	6.77654	1
ci00058163	TMEM200C		0.618077	0.502852	1.55354	1.55354	0.263771	2.12703	2.12703	0.694653	1.29123	1.29123	0.898564	1.08614	1.08614	0.258667	1.14587	1.14587	0.260032	1.14078	1.14078	0.0782899	3.55108	3.55108	0.298574	2.00985	2.00985	0.616515	1.38697	1.38697	0.816521	5.42808	5.90917	1
ci04021562	SLC4A4		0.618082	0.212362	0.518863	-1.92729	0.799478	0.880266	-1.13602	0.992197	0.995133	-1.00491	0.34764	0.616011	-1.62335	0.0626537	0.350884	-2.85646	0.445575	0.677338	-1.47637	0.318801	0.596776	-1.67567	0.645098	0.792659	-1.26158	0.83071	0.898286	-1.11323	0.816512	1.24612	1.53386	1
ci00758896	EBF3		0.618084	0.591408	0.752658	-1.32862	0.830898	0.893922	-1.11867	0.130562	2.35361	2.35361	0.410407	1.5549	1.5549	0.919955	1.0458	1.0458	0.574866	0.742923	-1.34603	0.373418	0.619327	-1.61465	0.416884	0.647226	-1.54506	0.428346	1.52805	1.52805	0.816551	3.55566	3.87085	1
ci13111803	SH2B2		0.618117	0.283886	1.17063	1.17063	0.269574	1.17662	1.17662	0.570885	1.08442	1.08442	0.514471	1.09311	1.09311	0.127571	1.26257	1.26257	0.099714	1.29085	1.29085	0.799486	1.03688	1.03688	0.53301	1.04946	1.04946	0.464689	1.11104	1.11104	0.81646	0.258934	0.281905	1
ci12312594	IWS1		0.61812	0.197766	0.443829	-2.25313	0.503175	0.495993	1.49993	0.0918557	2.37008	2.37008	0.213688	2.51688	2.51688	0.928478	0.994754	1.00055	0.858812	1.1121	1.1121	0.33771	0.554472	-1.80352	0.760676	0.751854	-1.32998	0.413366	1.65074	1.65074	0.816456	0.60398	0.501243	1
ci08258482	ROS1		0.618138	0.611551	0.829246	-1.20592	0.157918	1.73665	1.73665	0.212782	0.618951	-1.61554	0.49411	1.28899	1.28899	0.686558	0.862166	-1.15987	0.825776	1.08393	1.08393	0.841758	1.07581	1.07581	0.266091	1.52752	1.52752	0.980903	0.991288	-1.00879	0.816427	1.72819	1.88157	1
ci08185431	GNAI2		0.618143	0.331352	1.55288	1.55288	-1.8087	0.385889	1.49166	1.49166	0.316084	1.4547	1.4547	0.460348	0.887575	1.12556	0.459595	1.08555	0.757333	1.20512	1.20512	0.208796	0.953615	-1.04893	0.955551	1.13409	1.13409	0.81642	0.452051	0.492177	1
ci26637901	ATF7IP		0.618266	0.126381	1.24493	1.24493	0.358183	1.26246	1.26246	0.27741	1.32131	1.32131	0.667922	1.11233	1.11233	0.760912	0.927485	-1.07818	0.707386	1.09748	1.09748	0.499784	0.861403	-1.1609	0.161781	0.69176	-1.44559	0.816416	0.786701	0.856536	1
ci05094066	DYM		0.618165	0.42793	1.34316	1.34316	0.848075	1.07245	1.07245	0.516641	1.27145	1.27145	0.89537	0.953146	-1.04916	0.573522	1.29053	1.29053	0.910002	1.04167	1.04167	0.0870797	0.502035	-1.99188	0.397006	1.48339	1.48339	0.796159	0.909007	-1.09901	0.816388	1.71983	1.87257	1
ci14140118	EXPH5;EXPH5		0.618167	0.120063	0.388399	-2.57407	0.876542	0.916507	-1.0917	0.915303	1.0914	0.947357	0.646688	1.54634	0.245908	0.805331	-1.97499	0.235346	0.497838	-2.00869	0.509338	0.687021	-1.45556	0.425013	0.57913	1.57913	0.785669	0.858246	-1.16517	0.816384	4.06639	4.42753	1
ci08363948	ZNF468;ZNF468		0.618172	0.149467	0.477649	-2.09359	0.338764	0.624127	-1.60224	0.987129	0.992318	-1.00774	0.955357	0.973592	-1.02712	0.441276	0.687014	-1.45557	0.121816	0.44853	-2.22951	0.328874	0.617693	-1.61893	0.981934	0.989233	-1.01088	0.270223	0.577622	-1.73164	0.816377	2.95506	3.21753	1
ci08595347	ANKS1A		0.618178	0.343834	0.620131	-1.61256	0.208557	1.9147	1.9147	0.945194	1.03426	1.03426	0.58465	0.763016	-1.31059	0.128696	0.447227	-2.23578	0.717607	1.19479	1.19479	0.158842	0.75408	-1.32583	0.775495	0.853542	-1.17178	0.491349	0.711148	-1.40618	0.816368	1.10449	1.38028	1
ci14602827	EXD3		0.618181	0.560838	0.668491	-1.49591	0.146605	2.90666	2.90666	0.283668	2.14425	2.14425	0.89871	0.916483	-1.09113	0.431729	0.577225	-1.73243	0.411102	0.562373	-1.77818	0.395124	0.550776	-1.81562	0.863889	0.88914	-1.12468	0.746808	0.801045	-1.24837	0.816363	0.60363	0.60232	1
ci26575233	RASA3		0.618186	0.276923	0.760651	-1.31466	0.489444	1.18515	1.18515	0.797415	0.939605	-1.06421	0.564381	1.14298	1.14298	0.681909	1.1041	1.1041	0.16791	0.700384	-1.42779	0.31204	1.27393	1.27393	0.494548	1.18272	1.18272	0.618659	0.88568	-1.12908	0.816356	0.756753	0.823991	1
ci00757424	C9orf23;C9orf23		0.618286	0.102667	0.554023	-1.80423	0.73115	1.04875	1.04875	0.972462	1.02827	1.02827	0.151551	0.695767	-1.43726	0.575935	0.742251	-1.34683	0.779627	0.935994	-1.06838	0.250707	0.755504	-1.32713	0.775931	0.934923	-1.06961	0.485919	0.846232	-1.18181	0.816356	0.718944	0.782823	1
ci02756166	SEPT5;SEPT5		0.618193	0.0666362	0.582524	-1.71667	0.507139	1.19343	1.19343	0.687069	1.11228	1.11228	0.934429	0.97861	-1.02186	0.980404	1.00647	1.00647	0.967525	0.989359	-1.01076	0.757458	0.921829	-1.0848	0.796233	1.07036	1.07036	0.292315	1.33254	1.33254	0.816346	0.892686	0.972014	1
ci04267099	CDC42BPG		0.618193	0.627051	0.731206	-1.3674	0.323719	1.05845	1.05845	0.243864	0.643802	1.55397	0.169387	1.26	1.26	0.280568	0.793555	-1.25979	0.337445	1.88189	1.88189	0.256096	0.31668	-3.15768	0.793533	0.802737	-1.24419	0.743779	0.818028	-1.22331	0.816344	4.52025	5.25427	1
ci25168288	RAD9A		0.618198	0.64981	1.25048	1.25048	0.168278	2.05069	2.05069	7	7	7	0.437082	1.42896	1.42896	0.594531	1.30055	1.30055	0.237928	0.546238	-1.8307	0.633263	0.790468	-1.26507	0.586987	1.30772	1.30772	0.580975	0.761325	-1.3135	0.802833	0.70421	0.736833	1
ci17097293	PPS41C		0.618207	0.271569	0.684018	1.46227	0.197213	0.640484	1.56121	0.729128	1.12285	1.12285	0.719468	1.38886	0.719508	1.5701	1.5701	1.5701	0.578007	0.829188	1.206	0.776512	0.855049	-1.16953	0.978503	1.35142	1.35142	0.48117	1.29054	1.29054	0.816318	1.64482	1.80766	1
ci03251615	MLF2;MLF2		0.618207	0.328312	1.2454	1.2454	0.583964	1.12782	1.12782	0.0927093	1.4954	1.4954	0.633418	0.900206	-1.11086	0.578736	0.885155	-1.12975	0.28704	1.27182	1.27182	0.930809	0.981288	-1.01907	0.78667	1.06078	1.06078	0.664591	0.909477	-1.09953	0.816324	0.611645	0.666016	1
ci19264056	PDE3A		0.618216	0.395556	0.771922	-1.29547	0.623661	1.15851	1.15851	0.516807	1.21599	1.21599	0.911633	0.91358	-1.09453	0.733161	0.633758	-1.57826	0.910396	-1.09842	-1.26507	0.586987	0.826205	-1.21035	0.931557	1.02589	1.02589	0.761229	0.555894	-1.7989	0.81631	1.14443	1.24619	1
ci05955831	SGK269		0.618217	0.644255	1.55288	1.55288	-1.8087	0.385889	1.49166	1.49166	0.316084	1.4547	1.4547	0.460348	0.887575	1.12556	0.459595	1.08555	0.757333	1.20512	1.20512	0.208796	0.953615	-1.04893	0.955551	1.13409	1.13409	0.81642	0.452051	0.492177	1
ci05295584	AKNAD1		0.618248	0.313925	0.729415	-1.37096	0.727307	1.11189	1.11189	0.579693	0.844105	-1.18469	0.504742	0.814599	-1.2276	0.762828	0.912389	-1.09602	0.525576	1.21515	1.21515	0.0858611	1.77725	1.77725	0.709279	1.12014	1.12014	0.943546	0.978774	-1.02169	0.816261	1.1865	1.29206	1
ci04807594	AGTR1;AGTR1;AGTR1;AGTR1;AGTR1;A		0.618249	0.768882	1.04962	1.04962	0.114713	0.75434	-1.32566	0.674113	0.932753	-1.07198	0.743433	0.947454	-1.05546	0.140854	0.770814	-1.29733	0.246132	0.819275	-1.22059	0.815181	1.03923	1.03923	0.842344	1.03294	1.03294	0.653333	0.928394	-1.07713	0.81626	0.349155	0.380222	1
ci19328639	PRMT7;SLC7A6OS		0.61825	0.572478	0.930796	-1.07435	0.816043	0.971201	-1.02965	0.294184	1.14661	1.14661	0.0897215	0.790397	-1.26519	0.751627	0.960861	-1.04073	0.963045	1.00553	1.00553	0.940616	0.990675	-1.00941	0.721332	1.04606	1.04606	0.348169	1.12914	1.12914	0.816258	0.204408	0.222596	1
ci25375469	CPVL;CPVL		0.618253	0.824052	1.09488	-1.05187	0.537435	0.889895	-1.1124	0.407973	0.818255	-1.22211	0.41695	0.823233	-1.21451	0.365121	0.80441	-1.24319	0.443453	0.828221	-1.20774	0.618423	0.744771	-1.3435	0.775815	0.657736	-1.52073	0.278736	0.782741	-1.27804	0.816255	0.08673	0.0911	1
ci23771088	KDM2B;KDM2B		0.618261	0.766217	1.03864	1.03864	0.209017	0.900734	-1.11021	0.0721213	1.29075	1.29075	0.844233	1.025531	1.025531	0.439072	1.10555	1.10555	0.248553	1.16576	1.16576	0.568891	1.07596	1.07596	0.593038	1.071	1.071	0.9126	1.01406	1.01406	0.816242	0.209	0.227601	1
ci04026602	USP7		0.618264	0.936074	1.06242	1.06242	0.0911	1.09349	1.09349	0.0144	1.13145	1.13145	0.872969	0.974529	-1.02614	0.941454	1.0181	1.0181	0.978868	1.0107	1.0107	0.866488	1.10335	1.10335	0.20053	1.24361	1.24361	0.144257	1.28753	1.28753	0.816218	0.566816	0.617	1
ci26266701	TSTA3		0.618271	0.558257	0.751354	-1.33093	0.393438	1.52518	1.52518	0.2949	1.68966	1.68966	0.983293	1.00977	1.00977	0.307008	1.66634	1.66634	0.524521	1.36534	1.36534	0.294535	1.69038	1.69038	0.686292	0.821962	-1.2166	0.131195	1.29568	1.29568	0.816227	3.01407	3.28239	1
ci01387102	MLPH;MLPH		0.61828	0.127	5.88817	5.88817	0.482149	2.1541	2.1541	0.309554	1.0944	1.0944	0.671083	0.632007	-1.58226	0.885741	1.16702	1.16702	0.702266	1.51515	1.51515	0.461917	0.453158	-2.2075	0.371022	2.68239	2.68239	0.245644	3.68545	3.68545	0.816214	14.9164	16.2446	1
ci02121327	GNB5;GNB5		0.618287	0.598847	0.781752	-1.27903	0.640488	0.910213	0.904544	-1.10521	0.729128	1.37137	0.719468	1.38886	0.719508	1.5701	1.5701	1.5701	0.409962	1.19668	1.19668	0.0104548	0.83504	-1.19753	0.978503	1.35142	1.35142	0.48117	1.29054	1.29054	0.816218	0.566816	0.617	1
ci04982682	ZMIZ1		0.618288	0.468175	0.654604	-1.52764	0.407983	0.61517	-1.62557	0.745586	0.829534	-1.2055	0.597673	0.736587	-1.35761	0.276536	0.522195	-1.91499	0.115793	0.374823	-2.66793	0.133256	0.392456	-2.54805	0.577625	0.724027	-1.38116	0.221878	0.478454	-2.08969	0.816202	4.2598	4.63916	1
ci09482712	ALDH3		0.618308	0.304788	0.98155	-1.0188	0.879214	1.03955	1.03955	0.36746	1.2984	1.2984	0.770137	0.738536	-1.35403	0.270137	0.738536	-1.35403	0.302024	0.5132	0.5132	-1.94857	0.514279	1.132	1.132	0.946651	0.894374	-1.11813	0.816014	0.804623	0.915696	1
ci16245086	TIMMBA;TIMMBA;TIMMBA		0.618315	0.242756	0.38089	-2.62543	0.614591	1.49316	1.49316	0.96063	0.968882	-1.03212	0.108646	3.98176	3.98176	0.42893	0.528548	1.89198	0.404276	0.509748	-1.96175	0.931679	0.934535	-1.07005	0.89458	1.11036	1.11036	0.882378	0.889673	-1.12401	0.816216	0.05911	0.87727	1
ci26280326	HZAP;HZAP;HZAP;HZAP		0.618317	0.509087	1.49051	1.49053	0.676921	1.28364	1.28364	0.775078	0.843059	-1.18636	0.60003	1.37066	1.37066	0.932402	1.05185	1.05185	0.242705	0.615247	-1.62536	0.40592	0.602494	-1.65977	0.0870121	0.38384	0.38384	0.574383	0.713095	-1.40234	0.816157	4.59005	4.9991	1
ci08482112	DNAB14		0.618318	0.373305	1.35707	1.35707	0.615152	0.905229	-1.10456	0.363688	1.20149	1.20149	0.88599	0.966553	-1.03455	0.201419	0.74202	-1.34782	0.52196	1.13612	1.13612	0.304411	0.905358	-1.10434	0.861615	0.880025	-1.17636	0.50869	0.874486	-1.14092	0.816154	0.499815	0.544357	1
ci04255675	TYRO3;CYTSB;CYTSB		0.618333	0.871119	0.914863	-1.09306	0.920626	0.946842	-1.05614	0.97966	0.986126	-1.01407	0.314187	1.76902	1.76902	0.811612	1.14017	1.14017	0.739534	0.832889	-1.20064	0.456955	1.01566	1.01566	0.940423	0.34625	0.342625	0.600395	1.33598	1.33598	0.816133	3.8821	4.22818	1
ci00769487	MEGF6		0.618375	0.4227	1.42827	1.42827	0.420499	0.62364	-1.60394	0.509828	0.817691	-1.22339	0.0719468	0.708877	-1.41057	0.0645183	0.708877	-1.41057	0.575404	0.806755	0.828904	-1.20636	0.484411	0.768343	1.3015	1.3015	0.768705	0.828904	-1.20636	0.816144	0.748981	0.815354	0.833107	1
ci00021600	NECAB2		0.618336	0.67288	1.51297	1.51297	0.403702	1.30066	1.30066	0.0857353	0.156945	-6.37149	0.544629	0.549968	-1.81829	0.213855	0.27909	-3.58307	0.725006	0.708654	-1.41113	0.791973	0.772789	-1.29401	0.973253	0.967837	-1.03323	0.92364	0.910753	-1.09799	0.816129	12.2897	13.3854	1
ci02461406	COMMD3		0.618336	0.213446	1.9982	1.9982	0.458609	1.51806	1.51806	0.294425	1.7764	1.7764	0.260836	1.85828	1.85828	0.641144	0.780335	-1.2815	0.56377	1.36119	1.36119	0.723909	1.16568	1.16568	0.504453	2.55433	2.55433	0.572994	1.35113	1.35113	0.816128	3.60874	3.93048	1
ci26978290	CDL11A2;CDL11A2;CDL11A2;CDL11A2		0.618337	0.265252	0.493648	-2.02574	0.623674	0.740311	-1.35078	0.456677	0.630708	-1.58552	0.671702	1.2959	1.2959	0.149068	0.390317	-2.56202	0.972515	0.979269	-1.02117	0.594436	1.38645	1.38645	0.853352	1.11908	1.11908	0.166042	0.407357	-2.45485	0.816127	4.77863	5.20467	1
ci00988285	SEMA3B;SEMA3B		0.618342	0.640824	-1.55387	-1.55387	0.324755	0.880895	-1.1124	0.407973	0.818255	-1.22211	0.41695	0.823233	-1.21451	0.365121	0.80441	-1.24319	0.443453	0.828221	-1.20774	0.618423	0.744771	-1.3435	0.775815	0.657736	-1.52073	0.278736	0.782741	-1.27804	0.816255	0.08673	0.0911	1
ci12144852	PTPN23;PTPN23;PTPRN2		0.618347	0.819615	0.917353	-1.09009	0.403856	1.3807	1.3807	0.500753	1.29447	1.29447	0.543174	0.792607	-1.26166	0.113314	1.91704	1.91704	0.220356	1.62684	1.62684	0.538344	1.26527	1.26527	0.579602	1.23531	1.23531	0.588361	1.813537	-1.2292	0.816113	1.84352	2.00791	1
ci18187514	STAC2		0.618371	0.423802	0.615124	-1.62567	0.176369	2.15137	2.15137	0.237229	2.08876	2.08876	0.38707	1.6945	1.6945	0.699764	1.0909	1.0909	0.794131	-1.25924	0.963984	1.1027	0.675118	0.778218	-1.28499	0.496463	0.663345	-1.50797	0.564672	0.694405	-1.44008	0.816076	6.5733	6.98135	1
ci00746088	SPIS1		0.618375	0.899586	-1.01902	-1.01902	0.126616	1.0774	1.0774	0.0144	1.08028	1.08028	0.759855	0.950398	-1.04701	0.592199	1.0844	1.0844	0.69398	1.00908	1.00908	0.959597	0.95082	-1.05127	0.955928	0.92948	-1.08323	0.846048	0.972291	-1.02955	0.458232	1.11984	1.11984	0.81607	0.292216	0.315113	1
ci19010396	KIAA0892;SF4		0.618377	0.2533	1.28733	1.28733	0.170334	1.36224	1.36224	0.56589	1.13072	1.13072	0.851516	0.961107	-1.04047	0.760744	1.0649	1.0649	0.444318	1.17949	1.17949	0.0751572	0.460075	2.17255	0.470381	0.44157	2.26443	0.441557	0.829437	-1.20568	0.816066	0.579228	0.630916	1
ci12182474	HBS1L;HBS1L;HBS1L		0.618382	0.588847	0.781752	-1.27903	0.640488	0.910213	0.904544	-1.10521	0.729128	1.37137	0.719468	1.38886	0.719508	1.5701	1.5701	1.5701	0.409962	1.19668	1.19668	0.0104548	0.83504	-1.19753	0.978503	1.35142	1.35142	0.48117	1.29054	1.29054	0.816218	0.566816	0.617	1
ci18364681	C4orf10;MFSD10;MFSD10		0.618405	0.837217	0.936158	-1.0682	0.572295	0.832784	-1.20079	0.266871	0.690079	-1.44911	0.904096	0.549835	-1.81873	0.209428	0.654271	-1.52842	0.509438	1.23937	1.23937	0.814622	0.927447	-1.07823	0.564053	0.829438	-1.20563	0.961686	0.984713	-1.01552	0.816024	1.32904	1.44771	1
ci21186810	ALDH3		0.618412	0.941788	0.98155	-1.0188	0.879214	1.03955	1.03955	0.36746	1.2984	1.2984	0.770137	0.738536	-1.35403	0.270137	0.738536	-1.35403	0.629482	1.132	1.132	0.946651	0.894374	-1.14286	0.995544	1.3187	1.3187	0.663465	0.894347	-1.11813	0.816014	0.804623	0.915696	1
ci10739011	DIP2C		0.618417	0.280773	1.16384	1.16384	0.231143	2.18529	2.18529	0.669297	0.947646	-1.05525	0.616271	0.933905	-1.07077	0.481818	0.907779	-1.10159	0.785303	1.03765	1.03765	0.127384	1.24995	1.24995	0.695986	1.06235	1.06235	0.709836	1.05188	1.05188	0.816006	2.36704	2.57845	1
ci27495636	POU5F1B		0.618426	0.2028	0.621967	-1.6078	0.304239	0.685806	-1.45814	0.253253	1.52647	1.52647	0.781571	1.10154	1.10154	0.56638	0.814279	-1.22808	0.668577	1.16493	1.16493	0.448188	0.760339	-1.3152	0.423418	1.33619	1.33619	0.759483	1.896863	-1.115	0.815993	1.62384	1.7686	1
ci18279401	LGALS3		0.618439	0.561145	0.774112	1.29124	0.774224	1.07471	1.07471	0.262663	1.26765	1.26765	0.745236	0.926913	1.07965	0.26028	0.862038	-1.16023	0.514063	0.59554	-1.67945	0.36724	0.424325	2.35465	0.174485	2.17485	2.17485	0.459177	0.92851	1.92851	0.979822	0.427337	-2.34008	0.815974	11.509	12.5374	1
ci03029664	GRIN2C		0.61844	0.125993	0.75602	-1.32272	0.963843	0.992451	-1.00761	0.102041	0.714436	-1.34873	0.99347	1.00137	1.00137	0.881188	0.975308	-1.02532	0.721432	1.06168	1.06168	0.766804	1.05565	1.05565	0.373374	0.858334	-1.16505	0.799389	0.958322	-1.04349	0.815971	0.361152	0.393426	1
ci25268422	VAV2;VAV2		0.618456	0.576788	0.748662	-1.33626	0.640272	0.970326	0.95293	-1.04959	0.232624	1.89763	0.895297	1.01555	1.01555	0.429234	0.982541	-1.01829	0.772115	0.940257	1.06329	0.694143	-1.43976	0.683349	0.699441	-1.42976	0.514573	0.581463	-1.71966	0.815948	0.974421	0.949641	1
ci16658846	RPS7		0.618481	0.578571	0.680135	-1.4703	0.635894	0.720632	-1.38767	0.325387	2.00893	2.00893	0.532636	0.647804	-1.54368	0.682254	1.1268	1.1268	0.0937692	0.281961	-3.54659	0.961625	0.1036	0.1036	0.430687	1.73766	1.73766	0.680521	0.75245	-1.32899	0.81591	0.91086	6.64361	1
ci25131040	MAPKBP1;MAPKBP1		0.618482	0.96926	1.02502	1.02502	0.151135	2.10451	2.10451	0.406419	1.50804	1.50804	0.883651	1.07339	1.07339	0.73079	0.581401	-1.71998	0.899204	0.940546	-1.06321	0.19566	1.93853	1.93853	0.941312	0.965014	-1.03625	0.650371	0.801954	-1.24695	0.81908	0.3232	3.29362	1
ci04754076	ZNF275		0.618484	0.215806	0.42708	-2.34103	0.575593	0.693591	0.932624	-1.07193	1.31583	1.31583	0.76317	0.993234	1.00742	0.993234	1.00742	1.00742	0.211688	0.476854	-2.09681	0.515548	0.92825	1.0925	1.0925	0.711	1.3711	0.457736	1.19637	1.19637	0.939193	0.926	-1.07921	0.815899	1.92361	1.40558	1
ci26914267	LMOD1		0.618489	0.548185	0.870513	-1.14875	0.329925	1.25791	1.25791	0.772002	0.935844	-1.06855	0.235581	0.753005	-1.32801	0.646942	1.11098	1.11098	0.693846	1.09449	1.09449	0.21823	1.3439	1.3439	0.539056	0.867683	-1.15249	0.389174	0.817586	-1.22311	0.815897	0.673031	0.733242	1
ci19374796	ARHGAP10		0.618498	0.375706	0.768159	-1.41507	0.618735	1.14145	1.14145	0.534946	1.22452	1.22452	0.822154	1.22632	0.600194	0.816928	1.2241	1.2241	0.460605	0.79106	1.12736	0.899642	1.20842	1.20842	0.900154	1.10453	1.10453	0.544393	1.26438	1.26438	0.815897	1.88905	2.05405	1
ci11782779	CDH6		0.618495	0.135978	0.13129	5.13129	0.720831	1.44086	1.44086	0.842557	0.816752	-1.22436	0.119234	5.59017	5.59017	7	7	7	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1247 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07635369	DHX2		0.183244	0.854302	-1.17055	0.546845	0.898208	-1.11333	0.554807	1.13204	1.13204	0.77771	0.942525	-1.06098	0.0590193	0.686951	-1.45571		0.739831	1.06045	1.06045	0.426165	0.86666	-1.15385	0.940846	1.01316	1.01316	0.945304	1.01216	1.01216	0.851182	0.400455	0.436663	1
cg16237409	HSPA1B		0.614864		0.344386	0.725139	-1.37905	0.815993	0.925964	-1.07996	0.499576	0.797592	-1.25377	0.115117	1.76002	1.76002	0.805529	0.921826	-1.0848		0.539254	0.814553	-1.22767	0.292026	1.43442	1.43442	0.486916	1.05071	1.05071	0.700577	1.13599	0.815178	1.40586	1.53299	1
cg06522915	CLIP2;CLIP2		0.618983		0.270554	1.33814	1.33814	0.269684	0.746879	-1.3389	0.888161	1.03637	1.03637	0.579301	1.1528	1.1528	0.524599	0.84898	-1.17788		0.152584	1.47555	1.47555	0.622299	0.881553	-1.13436	0.672353	1.11406	1.11406	0.732643	0.916616	-1.09097	0.815136	0.832312	0.90762	1
cg16537753	TNR		0.955383	1.01181	1.01181	0.760281	0.937821	-1.0661	0.273698	0.787456	-1.26991	0.860151	0.963682	-1.03769	0.596646	0.894007	-1.11856		0.217404	1.31288	1.31288	0.494664	1.15659	1.15659	0.873533	1.03398	1.03398	0.146585	0.721181	-1.38661	0.815127	0.568105	0.619514	1
cg25124476	MEMI1768;TMEM1768		0.618999		0.964333	0.05124	0.25873	3.76403	3.76403	0.141779	5.84388	5.84388	0.949813	1.00729	1.00729	0.330598	3.07072	3.07072		0.796771	0.749458	-1.3343	0.197355	4.58562	4.58562	0.861836	1.21491	1.21491	0.230589	4.0776	4.0776	0.815126	16.1229	17.582	1
cg06591466	C14orf132		0.619005		0.450931	0.853656	-1.17143	0.698936	1.08335	1.08335	0.318119	1.23684	1.23684	0.949834	0.987123	-1.01305	0.46375	1.16605	1.16605		0.748351	1.06855	1.06855	0.155737	0.731343	-1.36735	0.307606	1.24303	1.24303	0.480809	1.15907	1.15907	0.815117	0.547799	0.597377	1
cg06205074	ASPSCR1		0.619006		0.50456	0.736589	-1.35761	0.67881	0.828562	-1.20683	0.531329	1.33145	1.33145	0.989678	0.994177	-1.00506	0.0417477	0.346918	-2.88334		0.562701	0.767809	-1.30241	0.889673	0.959265	-1.04247	0.963255	0.979416	-1.02102	0.655271	0.816381	-1.22492	0.815116	2.63134	2.86949	1
cg07388132	HELLS		0.619006		0.851546	0.978459	-1.02202	0.139713	0.813135	-1.20288	0.58759	0.938335	-1.06572	0.859393	0.9796	-1.02082	0.822742	1.02642	-1.02642		0.580082	1.06544	1.06544	0.421399	0.908935	-1.10019	0.82962	1.01284	1.01284	0.852186	0.815116	0.174422	0.190208	1
cg20894936	HCCA2;KRTAP5-3		0.619013		0.8916	0.959983	-1.04169	0.777734	0.918731	-1.08846	0.0585429	0.527242	-1.89666	0.591952	0.85039	-1.17593	7	7	7		0.670566	0.879714	-1.13673	0.291636	0.720554	-1.38782	0.372678	0.76024	-1.31537	0.947302	1.02	1.02	0.801577	1.01235	1.26295	1
cg00047050	CUL5;CUL5		0.619026		0.404824	0.814647	-1.22752	0.13915	1.12155	-1.12155	0.0623746	0.880175	-1.13614	0.659273	0.880715	-1.13614	0.659273	0.897919	-1.11369	0.0602183	0.597893	-1.67254		0.673589	0.902299	-1.10828	0.184882	0.953797	-1.04904	0.939885	0.981663	-1.01904	0.712465	0.815085	0.760577	0.829009	1
cg05942825	OAZ1		0.619027		0.400463	0.826205	-1.21035	0.387254	0.21724	2.21724	0.816902	0.949855	-1.05279	0.810357	0.94807	-1.05477	0.240923	1.31301	1.31301		0.362756	0.812617	-1.23059	0.533128	1.13396	1.13396	0.520836	1.1553	1.1553	0.815083	0.63519	0.692706	1
cg04709221	NFKB1;NFKB1		0.619032		0.355519	0.954778	-1.04742	0.415397	1.70672	1.70672	0.471349	1.60011	1.60011	0.829917	1.14814	1.14814	0.254658	0.465906	-2.14636		0.603442	0.714244	-1.40008	0.825147	1.15173	1.15173	0.569818	1.13601	1.13601	0.815077	0.532327	0.580534	1
cg07079828	PLCL2		0.619045		0.297747	1.56975	1.56975	0.254449	1.64391	1.64391	0.923043	1.04119	1.04119	0.611793	1.23837	1.23837	0.917686	1.04413	1.04413		0.237265	1.67735	1.67735	0.07102282	2.32209	2.32209	0.436168	1.39354	1.39354	0.774077	1.12775	1.12775	0.815057	2.25254	2.45658	1
cg01589800	GFPT1		0.619048		0.457785	0.691213	-1.44673	0.274873	0.57414	-1.74174	0.949561	0.969562	-1.03139	0.497489	0.714317	-1.39994	0.211534	0.525784	-1.90192		0.543101	0.739144	-1.35292	0.0996683	0.414226	-2.41414	0.758467	0.91259	-1.09592	0.426112	0.875435	1.37983	0.815051	0.30953	0.33851	1
cg26011438	SMG5;SMG6		0.619058		0.509429	1.30608	1.30608	0.15065	1.82136	1.82136	0.292974	1.54588	1.54588	0.792358	0.90008	-1.11101	0.325364	0.664836	-1.49062		0.962024	0.981183	-1.01918	0.204955	1.70513	1.70513	0.930083	0.96559	-1.03564	0.817383	1.09668	1.09668	0.815036	0.20553	0.24135	1
cg03662899	MIR138;CLCN5;CLCN5		0.619061		0.350532	1.93421	1.93421	0.763886	0.811162	-1.22977	0.690974	0.76008	-1.31565	0.232404	0.423253	-2.36265	0.116381	0.30993	-3.22653		0.575879	0.678396	-1.47407	0.910345	0.925581	-1.0804	0.980666	0.983501	-1.01678	0.260315	0.4466	-2.23914	0.815032	0.68438	0.63573	1
ch.1.9449128	MED18;MED18		0.619124		0.982449	1.00952	1.00952	0.920577	0.730961	-1.36806	0.104021	1.84653	1.84653	0.633408	0.855281	-1.16921	0.431917	0.758923	-1.31766		0.275219	1.47902	1.47902	0.691593	1.1474	1.1474	0.978916	1.00876	1.00876	0.99668	0.998567	-1.00144	0.814938	1.53425	1.67347	1
cg11731745	NOTCH4		0.619129		0.579256	1.70759	1.70759	0.500657	1.46616	1.46616	0.345543	1.36718	1.36718	0.337166	1.37514	1.37514	0.4095	0.762197	-1.312		0.364241	1.35008	1.35008	0.924528	1.03097	1.03097	0.467629	0.788346	-1.26824	0.434254	0.676307	-1.47982	0.814929	1.73575	1.45903	1
cg01166548	C6orf1;C6orf1;C6orf1		0.619137		0.790952	1.05803	1.05803	0.397764	1.20183	1.20183	0.551242	1.13656	1.13656	0.544927	0.878012	-1.13894	0.822855	1.04876	1.04876		0.774775	0.940904	-1.06281	0.0495103	1.60941	1.60941	0.893549	0.971973	-1.02884	0.950575	0.986924	-1.01325	0.814918	0.581875	0.634693	1
cg14454942	MUTED		0.619138		0.622448	0.97375	-1.02684	0.642299	1.34877	-1.34877	0.50053	0.934679	-1.07028	0.423138	0.888838	-1.12503	0.561987	0.70943	-1.40943		0.936381	0.989647	-1.01046	0.912237	0.845379	-1.18283	0.700947	1.03543	1.03543	0.174245	1.20734	1.20734	0.814916	0.219333	0.239243	1
cg07300976	TRIM27		0.619142		0.76384	0.833353	-1.19997	0.0509907	1.8377	1.8377	0.657973	1.30939	1.30939	0.685186	1.27965	1.27965	0.607008	1.36864	1.36864		0.912626	0.935749	-1.06866	0.515962	0.673689	-1.48436	0.931464	0.94929	-1.05342	0.418201	1.64954	1.64954	0.81491	4.72426	5.15313	1
cg06898306	GRM4		0.619142		0.690342	0.641555	-1.55871	0.531708	2.0181	2.0181	0.940866	1.08571	1.08571	0.407911	0.391304	-2.55556	0.205473	0.227512	-4.39536		0.534825	0.842328	-1.18704	0.207711	0.725546	-1.37855	0.614036	0.85127	-1.17465	0.39079	0.814906	15.8562	17.2958	1
cg07465881	SLBP HSP90AA1;WDR20;WDR20;WDR20;WD		0.619152		0.19321	1.76211	1.76211	0.469957	1.35315	1.35315	0.462306	1.36051	1.36051	0.290331	0.636667	-1.57068	0.725961	0.86521	-1.15579		0.957425	1.02221	1.02221	0.198186	1.74984	1.74984	0.874861	0.937214	-1.06699	0.614258	0.811319	-1.23256	0.814895	2.18473	2.38311	1
cg05085587	R20		0.619171		0.631357	1.13756	1.13756	0.308108	1.32479	1.32479	0.120511	1.56669	1.56669	0.941774	0.980713	-1.01967	0.806431	0.936644	-1.06764		0.582271	1.862333	1.15964	0.911706	1.03001	1.03001	0.948014	1.50931	1.50931	0.500248	1.20013	1.20013	0.814866	0.917334	1.00067	1
cg09353251	SPR39		0.619179		0.814963	0.899378	-1.11188	0.175404	1.91911	1.91911	0.132158	2.08568	2.08568	0.848863	0.917314	-1.09014	0.954219	1.02631	1.02631		0.588407	1.28038	1.28038	0.169528	1.93866	1.93866	0.888477	0.938449	-1.06553	0.890031	0.939335	-1.06458	0.814854	2.64104	2.881	1
cg26522495	CDC7;CDC7;CDC7;CDC7;CDC7		0.619181		0.539662	0.807603	-1.23871	0.474642	0.945195	-1.10316	0.227466	0.732165	-1.36581	0.464603	1.20091	1.20091	0.407491	0.832924	-1.20092		0.608587	0.880688	-1.13574	0.256801	0.747411	-1.33795	0.514864	0.85048	-1.17564	0.408458	0.819693	0.885845	0.814845	1
cg22918218	WDR44		0.619191		0.296696	0.161324	-6.19869	0.758281	1.68282	1.68282	0.916633	1.19309	1.19309	0.144003	14.0114	14.0114	0.126123	2.95383	2.95383		0.240405	0.125873	-7.94453	0.871233	0.760693	-1.31459	0.822026	1.46211	1.46211	0.496307	0.312018	0.204885	0.814805	0.36887	40.0245	1
cg04174309	RNF214;PCSK7;RNF214		0.619213		0.141413	0.764875	-1.3074	0.401229	1.15677	1.15677	0.378204	1.16561	1.16561	0.640276	0.923324	-1.08304	0.919484	0.983008	-1.01729		0.205622	0.797459	-1.25398	0.549006	0.902329	-1.10824	0.866871	1.02885	1.02885	0.824297	0.963011	-1.03841	0.814803	0.370747	0.404457	1
cg06379947	RPL10A		0.619222		0.078676	0.372574	-2.68422	0.0524707	0.845195	-1.18316	0.227466	0.732165	-1.36581	0.464603	1.20091	1.20091	0.407491	0.832924	-1.20092		0.494514	0.704171	-1.42057	0.31924	1.08042	-1.11424	0.898936	1.29807	1.29807	0.863011	1.09124	1.09124	0.814792	0.329864	0.359863	1
cg08482694	PTGS2;PTGS2		0.619227		0.5243	1.22555	1.22555	0.617937	0.853422	-1.17175	0.727175	1.11673	1.11673	0.800056	0.92312	-1.08328	0.858613	1.26855	1.26855		0.094235	1.75887	1.75887	0.452005	0.786455	-1.27315	0.527387	1.22365	1.22365	0.292101	1.41135	1.41135	0.814781	1.28211	1.33872	1
cg21464402	PXDN		0.619233		0.400354	0.874455	-1.14343	0.279753	0.779758	-1.28344	0.0917862	0.740382	-1.338	0.307416	0.324239	-3.08257	0.0834782	-1.338	0.307416		0.324239	0.736409	-1.35785	0.0833102	0.432409	-2.31295	0.0725246	0.632116	-1.58201	0.0753156	0.432409	-2.31295	0.0725246	0.814778	0.788755	0.0776482	0.432409	-2.31295	0.0725246	0.814778	0.788755	0.0776482	1
cg14122599	DAB2IP;DAB2IP		0.619239		0.656763	0.791646	-1.26319	0.117942	2.42754	2.42754	0.126708	2.36961	2.36961	0.656201	0.791339	-1.26371	0.993668	1.00415	1.00415		0.974309	0.983318	-1.01697	0.773865	0.860285	-1.16241	0.530364	1.39381	1.39381	0.809475	0.881455	-1.13449	0.814764	1.52139	3.84176	1
cg05121202	PCDH21		0.619242		0.883469	1.03557	1.03557	0.472534	0.840174	-1.19023	0.703089	1.09557	1.09557	0.089608	1.5621	1.5621	0.403463	1.22601	1.22601		0.328147	1.27197	1.27197	0.790234	1.0656	1.0656	0.307927	1.28599	1.28599	0.344022	1.26152	1.26152	0.814758	0.733008	0.7997	1
cg03779241	PHF21B;PHF21B		0.619245		0.146439	0.680662	-1.46944	0.0951615	1.03935	1.03935	0.00905	0.326641	3.81097	0.120387	-1.22087	0.760682	0.941574	1.06205	1.06205	0.945338	1.05782		0.572607	0.893729	-1.11911	0.525383	0.881032	-1.13505	0.675236	0.676779	-1.47759	0.388724	0.840296	-1.19006	0.814755	0.501113	0.544209	1
cg02951883	MAD1L1;MAD1L1;MAD1L1		0.61925		0.256697	2.5118	2.5118	0.192666	2.91844	2.91844	0.205492	2.82675	2.82675	0.386778	1.9941	1.9941	0.442624	1.83864	1.83864		0.163835	3.17684	3.17684	0.244588	2.57797	2.57797	0.45812	1.79999	1.79999	0.312313	2.25494	2.25494	0.814747	7.80993	8.52064	1
cg15701203	AKT2		0.619263		0.617663	1.16652	1.16652	0.0995062	0.904241	-1.10564	0.261961	0.87207	-1.14707	0.572711	0.956736	-1.04529	0.412972	0.84262	-1.18672		0.545956	0.797215	-1.25456	0.406096	0.674482	-1.48247	0.815715	0.84466	-1.18407	0.122097	0.803004	0.922109	-1.08447	0.814715	2.84469	3.10367	1
cg13390022	LAMC1		0.619273		0.257866	0.674201	-1.48324	0.549444	0.816907	-1.22413	0.741488	0.985345	1.01534	0.942078	0.895336	-1.1169	0.342896	0.72162	-1.38542		0.498857	0.795144	-1.25763	0.112482	0.561619	-1.78057	0.290775	0.693466	-1.44203	0.174291	0.617218	-1.62017	0.814712	0.148753	1.5695	1
cg17813074	MYST3;MYST3;MYST3		0.619275		0.590244	1.1902	1.1902	0.392532	1.32388	1.32388	0.563964	1.20542	1.20542	0.158586	0.638102	-1.56715	0.653672	0.86532	-1.15564		0.537929	1.22111	1.22111	0.190821	0.641669	-1.55844	0.843011	0.938463	-1.06557	0.598458	0.18556	1.18556	0.814708	1.32379	1.44431	1
cg06443279	DHX37		0.619276		0.758403	1.08163	1.08163	0.687095	0.92044	-1.08641	0.241431	0.841444	1.18863	0.395485	0.90455	-1.10587	0.207402	0.83008	-1.20517		0.525254	1.16308	1.16308	0.420685	1.21294	1.21294	0.788883	1.06501	1.06501	0.90157	0.779784	1.28552	0.814708	0.705034	0.775229	1
cg01482495	NHSL2;RGAG4		0.61928		0.20667	0.989064	-11.1351	0.45099	0.249127	-4.01401	0.992199	0.982463	-1.01785	0.228096	9.82028	9.82028	0.401808	4.7431	4.7431		0.323557	0.159176	-6.28237	0.809871	0.646507	-1.54677	0.911454	1.22299	1.22299	0.525767	2.00091	2.00091	0.814701	42.2528	46.1004	1
cg22141459	TP53I13		0.619282		0.877362	1.05274	1.0499	0.708047	1.32107	-1.32107	0.340969	1.14584	1.14584	0.0127	1.34969	1.34969	0.145854	1.44488	1.44488	0.854232	1.05933	1.05933		0.883468	1.16436	1.16436	0.627252	1.54044	1.54044	0.107674	1.10012	1.16436	0.627252	1.54044	1.54044	0.107674	0.814672	1.33427	1.65695	1
cg06562865	GAL8;1 CSnf36;ANKRD32;CSnf36;CSnf36;CS		0.619318		0.682768	1.18038	1.18038	0.134373	0.521267	-1.9184	0.944531	0.972309	-1.02848	0.562785	0.789675	-1.26634	0.424272	1.39005	1.39005		0.476758	1.33908	1.33908	0.323915	0.66288	-1.50857	0.337395	0.67089	-1.49056	0.56274	0.789653	-1.26638	0.814643	2.10146	2.29299	1
cg21774667	orf36		0.619319		0.489285	1.0989	1.0989	0.701774	0.949651	-1.05302	0.730877	1.04745	1.04745	0.230018	1.18423	1.18423	0.810603	1.03276	1.03276		0.106139	1.90428	1.90428	0.124337	1.12437	1.12437	0.0915148	1.28338	1.28338	0.314635	0.243602	0.253801	1
cg03614555	CBLN2		0.61932		0.973958	1.02266	1.02266	0.318873	2.03514	2.03514	0.454352	1.68962	1.68962	0.317543	1.03514	1.03514	0.352152	0.516856	-1.93478		7	7	7	0.863084	0.888274	-1.12578	0.702508	1.30155	1.30155	0.400034	1.81003	1.81003	0.806941	5.12494	5.6797	1
cg20670086	CPNE2		0.619326		0.775466	1.09115	1.09115	0.58452	1.32189	-1.32189	0.205512	0.753295	1.32663	1.19063	0.791339	1.19063	0.881987	1.15121	0.868693	0.202807	0.554832	-1.80243	0.412406	2.42461	0.814682	0.289871	0.31575	1
cg13366470	TMC3		0.619334		0.313232	0.483721	-2.06731	0.406602	0.55371	-1.806	0.791579	1.2025	1.2025	0.26419	0.969224	-1.03175	0.222522	0.409606	-2.44137		0.234661	0.420064	2.38059	0.132817	0.323299	-3.09312	0.264489	0.444958	-2.2474	0.756895	0.805574	-1.24135	0.81462	0.62457	0.8248	1
cg18888671	PRKCZ;PRKCZ		0.619334		0.297798	0.565582	-1.76908	0.183907	0.475137	-2.10474	0.533276	0.715654	-1.3954	0.490322	1.44769	1.44769	0.190677	0.481103	-2.07855		0.340688	0.705438	1.67944	0.654685	1.26834	1.26834	0.49407	0.693029	-1.44294	0.993042	-1.00468	0.814619	3.50706	3.92921	1
cg08988571	GIGYF1		0.619345		0.590656	1.18378	1.18378	0.970003	1.01205	1.01205	0.142744	1.33272	1.33272	0.192928	1.3215	1.3215	0.209519	1.39423	1.39423		0.916233	1.03403	1.03408	0.564972	1.3074	1.3074	0.463434	1.26836	1.26836	0.464604	1.30902	1.30902	0.814609	1.34239	1.64504	1
cg09263024	JAKMIP3		0.619345		0.145588	0.335518	-2.98047	0.05524	1.04001	1.04001	0.758093	1.24064	1.24064	0.667054	0.738988	-1.3532	0.153333	0.343494	-2.91126		0.275491	0.45254	-2.20975	0.21404	0.480788	-2.04508	0.609825	0.697234	-1.43424	0.531594	0.642194	-1.55716	0.814603	0.30179	0.67646	1
cg15097156	KIAA1026;KIAA1026		0.619351		0.609488	1.20337	1.20337	0.0993206	1.24193	1.24193	0.31495	1.19195	1.19195	0.667318	0.93137	-1.07396	0.0950939	0.822677	-1.21567		0.333531	1.38955	1.38955	0.364446	0.897556	-1.1026	0.624784	0.93907	-1.06502	0.0997353	0.503127	1.11258	1.11258	0.814595	0.38184	0.44729	1
cg25925764	PTH1R		0.619354		0.939185	1.02181	1.02181	0.403167	1.2737	1.2737	0.380458	1.2897	1.2897	0.809609	1.03968	1.03968	0.585907	1.16831	1.16831		0.954113	0.983859	-1.01641	0.099661	0.60032	-1.66578	0.336075	0.755406	-1.32379	0.76915	1.08679	1.08679	0.81459	1.03173	1.12583	1
cg17802486	TMEM1		0.619359		0.516825	1.44097	1.44097	0.453635	1.3285	1.3285	0.831402	1.14286	1.14286	0.902244	1.07068	1.07068	0.0819978	0.313305	-3.19086		0.471976	1.49918	1.49918	0.75181	1.19285	1.19285	0.0746963	1.08896	1.08896	0.811116	0.814582	1.98553	4.3491	1
cg16785502	SORC52		0.61936		0.09643	0.123455	-8.1001	0.632568	0.575764	-1.73682	0.826236	0.777262	-1.28657	0.616272	1.78439	1.78439	0.796355	1.34499	1.34499		0.551279	0.99547	0.229953	0.236088	-4.23569	0.505532	2.169	2.169	0.924353	1.11499	1.11499	0.814558	16.9453	18.4911	1
cg03091851	ITIH5;ITIH5;ITIH5 CCDC159;TMEM205;TMEM205;TMEM		0.619364		0.667283	1.25746	1.25746	0.606461	0.759377	-1.31687	0.727998	0.831142	-1.20316	0.67121	0.797571	-1.25381	0.320471	0.580546	-1.72252		0.497702	1.44006	1.44006	0.110986	2.5088	2.5088	0.428828	1.53398	1.53398	0.499191	1.43819	1.43819	0.814574	3.62016	3.95043	1
cg22842510	205;TMEM205;TMEM205;TMEM205		0.619377		0.423461	1.14054	1.14054	0.544772	1.10362	1.10362	0.36341	1.16212	1.16212	0.305494	1.18611	1.18611	0.313312	1.18263	1.18263		0.235009	1.22167	1.22167	0.996258	0.999246	-1.00075	0.350869	0.856887	-1.16701	0.227108	1.22626	1.22626	0.814554	0.333798	0.36426	1
cg04158862	KIAA0247		0.619403		0.310611	0.426974	-2.34206	0.282808	2.47409	2.47409	0.50949	1.71797	1.71797	0.682488	1.39401	1.39401	0.428204	0.51956	-1.92471		0.711004	0.740431	-1.35056	0.192814	0.325634	-3.07093	0.902932	1.10347	1.10347	0.443474	0.531336	-1.88205	0.818198	8.26071	7.85262	1
cg06067932	EDC1;EDC1;EDC3		0.619406		0.627436	0.919226	-1.08704	0.609705	1.09184	1.09184	0.0880374	1.37885	1.37885	0.561511	1.10537	1.10537	0.297657	0.831734	-1.20231		0.939974	1.01293	1.01293	0.785013	1.04756	1.04756	0.330007	1.18713	1.18713	0.86916	1.02853	1.02853	0.81451	0.375665	0.40997	1
cg09051513	PNPLA2		0.619414		0.78739	1.27004	1.27004	0.455253	1.64743	1.64743	0.884744	1.08274	1.08274	0.762794	0.859355	1.16409	1.16409	0.0962516	1.16215	1.16215		0.737328	1.24674	1.24674	0.750904	1.2156	1.2156	0.179503	1.1759	1.1759	0.664984	1.26651	1.26651	0.399765	1.759	0.64084	1
cg04549288	AMK28;CAMK28;CAMK28;CAMK28;C		0.619428		0.240548	0.672753	-1.48643	0.261475	1.45901	1.45901	0.753554	1.10694	1.10694	0.2702	1.44826	1.44826	0.750465	0.902193	1.10841		0.843497	0.938226	-1.06584	0.249572	1.47431	1.47431	0.899541	0.960076	-1.04158	0.401415	1.31924	1.31924	0.814477	1.3424	1.46504	1
cg10080155	FHP28;PHF21B		0.619432		0.664878	0.820702	-1.21847	0.58035	0.776332	-1.28811	0.934169	0.963239	-1.03816	0.24599	1.73339	1.73339	0.953331	1.02689	1.02689		0.156353	1.98859	1.98859	0.212206	0.553154	-1.81438	0.64709	1.23242	1.23242	0.849513	1.08993	1.08993	0.814471	2.65133	2.89358	1
cg05485551	C20orf196		0.619439		0.0913012	2.56313	2.56313	0.392525	1.55791	1.55791	0.825991	1.11789	1.11789	0.927941	1.04684	1.04684	0.666472	0.80295	-1.24541		0.150679	2.1806	2.1806	0.350344	1.62667	1.62667	0.952349	1.03071	1.03071	0.793969	1.14164	1.14164	0.814462	3.3044	3.60636	1
cg18533883	NPY8		0.619444		0.159403	0.514098	-1.94523	0.0722269	1.14229	1.14229	0.0429719	1.18262	1.18262	-1.39547	2.25603	2.25603	0.0174485	1.07771	1.07771		0.454402	0.325878	-3.06863	0.182047	0.124386	-8.03952	0.560831	0.420875	-2.376	0.904003	0.837317	-1.19429	0.814459	2.07335	30.4862	1
cg01240778	ATAD3B;ATAD3B		0.619445		0.717665	1.14253	1.14253	0.915546	1.03969	1.03969	0.287424	1.49976	1.49976	0.948082	0.976388	-1.03418	0.684269	1.16186	1.16186		0.603834	1.21718	1.21718	0.304225

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(127 11T vs. N)	Fold-Change(127 11T vs. N)	p-value(127 21T vs. N)	Fold-Change(127 21T vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(473 vs. N)	Fold-Change(473 vs. N)	p-value(353T vs. 537 vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537 37T vs. N)	Fold-Change(537 37T vs. N)	p-value(563 vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05129436	C5orf52		0.61994		0.14346		0.43465		0.18608		0.95838		1.02124		1.02124		0.63753		0.85809		1.04122		1.04122		0.12908		0.97508		0.97508		1.14951		0.81704		0.59147		0.646128	
cg20988549	PPIH		0.61957		0.84901		0.82845		1.20635		0.98365		1.02044		1.02044		0.80134		1.28018		1.28018		0.49790		1.97478		1.97478		1.92982		1.40996		1.40996			
cg14651435	DNAJB6		0.61966		0.68932		0.43712		0.28765		0.18726		0.17834		0.17834		0.22968		0.07460		0.74207		-13.4031		0.87304		139		1.99		0.31774		8.38602		8.38602			
cg07007550	PLEKHM2		0.61986		0.44968		0.85486		1.16756		1.04031		1.3758		1.3758		0.73792		1.06985		1.06985		0.27933		1.25381		1.25381		1.34424		0.82231		1.21639			
cg06717814	PRKCZ;PRKCZ-PRKCZ		0.61987		0.33176		1.38602		1.38602		0.23192		1.17602		1.17602		0.2497		1.48269		1.48269		0.19646		1.56302		1.56302		0.52961		1.23178		1.23178			
cg03061237	TCAM1		0.62003		0.72061		1.0949		1.0949		0.12619		0.51854		0.51854		0.51625		0.84714		1.18044		0.53745		0.85414		1.17076		0.26993		0.74825		1.13645			
cg09675538	SUGT1L1		0.62018		0.67813		0.88398		1.13125		0.95958		1.01508		1.01508		0.51695		1.21404		1.21404		0.34816		1.33271		1.33271		0.56869		1.18536		1.18536			
cg09428893	CDH15		0.62020		0.41586		0.82436		1.2159		0.28414		1.29874		1.29874		0.90199		1.0206		1.0206		0.31762		0.784338		-1.27496		0.89832		1.03051		1.03051			
cg07073120	DCXR		0.62041		0.32097		0.73734		1.35623		0.61327		1.16416		1.16416		0.82044		0.93479		1.06975		0.20328		0.87018		-1.26454		0.31068		0.60253		1.66124			
cg09578937	ARHGEF10		0.62042		0.79728		0.73489		-1.36075		0.256291		4.129		4.129		0.35061		3.15925		3.15925		0.515178		2.2028		2.2028		0.191258		0.190929		-5.23754			
cg18240964	ANO1;ANO3		0.62046		0.12848		0.47967		1.74766		0.42488		1.18529		1.02529		0.16792		1.45762		1.45762		0.851202		0.958453		1.45762		0.85202		1.26236		1.26236			
cg04009136	HOXD1		0.62065		0.84045		0.95109		1.047		0.91598		1.02601		1.02601		0.90653		0.97208		1.02817		0.26792		0.96532		0.97508		0.95983		1.16162		0.95302		0.98953		1.01425	
cg25321781	CDG6;CDG6;CDG6;CDG6;CDG6		0.62067		0.58103		0.98028		-1.11034		0.47329		0.93907		-1.06435		0.22134		1.27569		1.27569		0.71464		1.07138		0.54398		0.69195		0.72231		1.08569		1.03629		0.85313		0.454221	
cg23121350	THRA;THRA		0.62073		0.34026		0.84826		-1.17888		0.99937		0.999868		-1.00013		0.662906		1.28328		1.28328		0.188919		0.791163		1.26396		0.836102		0.802906		-1.03535			
cg09139912	CAMTA1		0.62076		0.55039		0.674906		-1.48169		0.126248		0.23565		0.23565		0.479641		0.19649		0.19649		0.64769		0.74118		-1.3492		0.39126		0.511654		-1.95445			
cg26315617	SDK1		0.62077		0.97383		0.96096		-1.09189		0.34067		1.30381		1.30381		0.14353		1.44237		0.80413		-1.15285		0.33917		1.758507		-1.35408		0.516134		1.12171		1.22171			
cg10819756	GPSM3;NOTCH4		0.62083		0.59571		1.17455		1.17455		0.938664		0.977143		-1.02339		0.941444		1.02232		1.02232		0.677573		0.881947		-1.13386		0.669307		0.878889		-1.13779			
cg05152296	IL17REL		0.62103		0.364193		1.19555		1.19555		0.705065		1.08586		-1.07543		0.622565		1.09845		1.09845		0.180909		1.31528		1.31528		0.607231		1.10441		1.10441			
cg09791262	HK3		0.62112		0.246299		0.393296		-2.54261		0.142604		0.297353		-3.3616		0.285095		0.452957		-2.34766		0.994343		0.905447		1.219183		0.763781		0.527637		0.417746		2.3938			
cg03484646	CRTC3;CRTC3		0.62164		0.346247		1.37188		1.37188		0.767197		1.10161		1.10161		0.173957		1.60237		1.60237		0.365723		1.35382		1.35382		0.751629		1.10904		1.10904			
cg09969462	TBC1D		0.62165		0.945803		1.2694		1.2694		0.878884		0.949209		-1.05363		0.735347		0.889399		-1.12436		0.946805		1.39751		1.39751		0.141256		0.77192		1.21932			
cg27452563	CHSY1;CHSY1		0.62178		0.997357		1.00074		1.00074		0.137625		0.142989		0.142989		0.115788		1.4657		1.4657		0.701847		1.08984		1.08984		0.646356		1.09568		1.09568			
cg01740550	SLC38A8		0.62184		0.121716		0.277114		1.31948		0.154453		0.122122		0.122122		0.055668		0.245569		0.245569		0.858587		0.993705		0.122122		0.112512		0.245569		0.245569			
cg26363065	MRFAP1		0.62191		0.994204		0.992082		-1.00798		0.709557		0.663862		-1.50634		0.836954		1.25299		1.25299		?		?		?		0.123521		6.34891		6.34891			
cg14430867	MED1		0.62214		0.957069		1.00918		0.659899		0.178111		0.07811		0.07811		0.068791		0.06579		0.06579		0.106704		0.109512		0.379827		0.196586		0.136157		0.129422			
cg01078605	FAM175B		0.62215		0.149064		1.42486		1.42486		0.49035		1.71599		1.71599		0.253218		1.10904		1.10904		0.106473		1.22295		1.22295		0.130673		1.11455		1.11455			
cg01095506	UTRN		0.62023		0.421963		0.701334		-1.42585		0.224542		0.57593		-1.73632		0.256253		0.58898		-1.6695		0.433151		0.70756		-1.41331		0.942466		0.969266		-1.03171			
cg04037952	GPM1AB		0.62037		0.871537		0.883284		1.13212		1.03252		1.07542		1.07542		0.71843		1.34164		1.34164		0.932001		1.58459		1.58459		0.897047		1.10386		1.10386			
cg05394359	GOLGA3		0.62058		0.630641		0.795869		-1.25649		0.75376		0.86217		-1.15586		0.812969		1.11818		1.11818		0.520064		1.35975		1.35975		0.704705		0.854772		1.1699			
cg17093401	ZNF239;ZNF239;ZNF239		0.62083		0.642062		1.24251		1.24251		0.34174		1.56922		1.56922		0.229506		1.80144		1.80144		0.731633		0.853541		-1.17159		?		?		?			
cg15294778	HK2		0.62086		0.612268		0.81482		1.23207		0.596804		0.633253		0.624243		1.2021		1.12021		0.846417		0.680451		1.11052		1.11052		0.780041		1.04994		1.04994			
cg13304297	C5orf50		0.62041		?		?		0.70656		1.33574		1.33574		0.533637		1.61626		1.61626		0.5015		0.593247		0.685934		0.387892		0.27584		0.147328		0.38743		0.100751		0.514301		0.600553		0.166486		0.960818		1.03832		1.038132		0.799536		0.59401		0.824731	
cg29966665	TRIB2		0.62093		0.119842		0.23165		-4.31685		0.440591		0.121691		0.164834		0.320386		0.244445		0.8221		0.028082		0.183997		0.079169		0.057264		0.035481		0.029504		0.047315		0.127837		0.133586		0.102716		0.082319		0.082597		0.049098		0.566988		4	
cg12587904	THG1L;THG1L		0.62049		0.235694		2.18511		2.18511		0.39584		1.72796		1.72796		0.958123		1.03358		1.03358		0.242225		2.15948		2.15948		0.40155		0.58272		1.71609			
cg12442242	SSBP1;FLJ40852		0.62052		0.816594		0.962761		-1.03868		0.972159		0.994315		-1.00572		0.098053		0.743889		-1.34429		0.510554		1.11519		1.11519		0.153121		0.844		-1.18483			
cg22285621	SIX3		0.62054		0.589938		0.811284		1.37488		0.723133		0.621489		0.621489		0.56388		0.993603		1.1005		0.476574		0.722955		0.511947		0.659552		0.74384		-1.34199			
cg13113963	PSMB1;TBP		0.62069		0.309097		0.830269		-1.20443		0.173889		0.774424		-1.29128		0.455093		0.874369		-1.14368		0.74462		0.943879		-1.05946		0.719487		0.93826		-1.0658			
cg17087331	PPAPDC1A		0.62073		0.955344		1.0515		1.0515		0.32456		1.02066		1.02066		0.455874		1.14818		1.14818		0.911339		1.02061		1.02061		0.14426		1.33284		1.33284			
cg17609731	RSBN1L		0.62038		0.801823		1.0739		1.0739		0.800914		0.930874		-1.07426		0.525964		1.19983		1.19983		0.163968		1.32406		1.32406		0.196493		0.676993		1.47712			
cg11620557	BCOR;BCOR		0.62091		0.179797		2.22655		2.22655		0.278586		1.88325		1.88325		0.738002		0.828099		-1.20758		0.333427		0.570889		-1.75165		0.560407		0.718354		-1.39207			
cg18068200	CELSR3		0.62099		0.895851		1.0205		1.0205		0.324656		0.12046		0.12046		0.045829		1.14818		1.14818		0.911339		1.02061		1.02061		0.14426		1.33284		1.33284			
cg08601959	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1		0.6204		0.374152		0.892218		-1.1208		0.595946		0.935288		-1.06919		0.779838		0.965573		-1.03565		0.401361		0.898183		-1.11316		0.787819		0.964301		-1.01052		0.614002		0.801201		0.204123		0.220025	
cg08893322	SOCAG1G;SFRS12IP1		0.62048		0.840607		1.19005		1.19005		0.81257		1.3705		1.3705		0.512287		2.00003		2.00003		0.1084		2.07766		2.07766		0.183707		1.28307		1.28307		0.163638		0.188437		0.204123		0.220025	
cg02635953	SRCAP		0.62041		0.476621		1.51133		1.51133		0.465774		1.52741		1.52741		0.258036		1.96108		1.96108		0.81201		0.872876		-1.14564		0.322611		1.79147		1.79147			
cg00031003	TSNARE1		0.62042		0.753077		0.90619		-1.10352		0.397437		0.763837		-1.31055		0.628859		1.34454		1.34454		0.530201		1.63859		1.63859		0.299931		1.47542		1.47542			
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cg25764105	PAIK,PAIK1,PAK	0.621248	0.333835	0.456441	-2.19086	0.72851	1.31545	1.31545	3.67136	3.67136	0.979665	0.980146	-1.02026	0.839087	0.852163	-1.17348	0.618937	1.48365	1.48365	0.785103	0.806497	-1.23993	0.15408	3.32189	0.962321	1.03787	0.811731	7.95896	8.71549	1
cg05741395	SPTBN5	0.621253	0.546416	1.29906	1.29906	0.205068	1.77384	1.77384	0.234999	0.70499	1.704499	0.832841	0.913385	-1.09483	0.262243	0.605871	-1.65052		0.664631	1.2056	1.2056	0.171201	0.877429	-1.13698	0.262248	1.61263	1.61263	0.911927	0.953679	-1.04857	0.811723	2.36222	2.58678	1
cg26472802	AIRE,AIRE UBXN11;UBXN11;UBXN11;UBXN11;UBX	0.621266	0.415512	0.483282	-2.06918	0.059149	6.43425	6.43425	0.959218	1.04569	1.04569	0.812999	1.23005	1.23005	0.775461	0.778903	-1.28386		0.415681	2.06861	2.06861	0.912607	1.10067	1.10067	0.440067	1.98968	1.98968	0.97168	1.0315	1.0315	0.811703	9.81386	10.7471	1
cg01634726	N11	0.621274	0.531815	0.886307	-1.12828	0.363405	0.836934	-1.19484	0.149156	1.34285	0.84086	1.02651	1.02651	0.589225	1.10948	1.10948	0.872792	1.03101	1.03101	0.271066	0.803831	-1.24404	0.786179	1.05319	1.05319	0.373932	0.840354	-1.18998	0.811691	0.466879	0.511282	1
cg16832958	METTL10	0.622179	0.559373	1.12598	1.12598	0.309232	1.23554	1.23554	0.210577	0.150299	1.36331	1.36331	0.268243	0.793123	-1.26084	0.897981	1.02612	1.02612	1.02612		0.840708	1.04008	1.04008	0.984069	1.00402	1.00402	0.810683	0.51931	0.568706	1.91	0.568706	1
cg20023762	NEDD9;NEDD9;NEDD9	0.62128	0.560266	0.80872	-1.23652	0.122316	1.82871	1.82871	0.263461	1.52229	1.52229	0.896984	0.95438	-1.0478	0.987956	1.00546	1.00546		0.418534	1.34713	1.34713	0.18413	1.66174	1.66174	0.542829	1.24862	1.24862	0.976041	1.01088	1.01088	0.811682	1.67039	1.82928	1
cg07682072	PORCN;PORCN;PORCN;PORCN	0.621303	0.279431	0.316527	-3.15929	0.941816	0.928046	-1.07753	0.865075	1.19003	1.19003	0.126436	5.426091	5.426091	0.132434	1.08238	1.08238		0.17811	0.231357	-4.32232	0.982507	0.97782	-1.02268	0.782172	1.32782	1.32782	0.889467	1.15287	0.811647	0.143	14.7332	1
cg19939627	EME2,MRP534	0.621309	0.974854	1.00361	1.00361	0.418067	1.09935	1.09935	0.766514	1.03467	1.03467	0.795342	1.0302	1.0302	0.23845	1.15181	1.15181		0.786362	1.03159	1.03159	0.260748	0.874359	-1.1437	0.168089	1.18311	1.18311	0.282681	1.1363	1.1363	0.811638	0.168428	0.184459	1
cg00566799	DSC2;DSC2;DSC2;DSC2	0.621311	0.897008	1.14054	1.14054	0.797284	1.070755	1.070755	1.03013	0.575374	1.57272	1.57272	0.646441	1.576349	1.576349	0.582244	0.566529	1.76513	0.946228	1.07284	1.07284	0.746226	0.73285	1.34482	1.34482	0.816637	0.811633	13.9679	15.2974	1
cg00645330	LOC145663;GATM;GATM	0.621315	0.791217	0.701589	-1.42534	0.111433	0.10349	10.1349	0.271926	0.210754	-4.60715	0.639705	0.532713	-1.87718	0.820131	1.35556	1.35556		0.481668	0.840615	-1.1896	0.18801	1.40308	0.759971	1.07723	0.722863	1.3454	1.3454	0.811528	0.757481	0.82969	1
cg12078206	SPHK1;SPHK1;SPHK1;SPHK1	0.621327	0.537786	0.929259	-1.07613	0.785175	1.0359	1.0359	0.598699	1.07096	1.07096	0.885806	0.981621	-1.01872	0.284206	1.15444	1.15444		0.723066	0.954041	-1.04719	0.565018	0.92766	-1.07798	0.340486	1.17191	1.17191	0.123314	1.24215	1.24215	0.811612	0.214206	0.234602	1
cg18124907	MAGEH1;MAGEH1	0.621328	0.224976	-4.44492	0.918864	0.882097	-1.13366	0.882097	0.888613	-1.12535	0.186407	1.07591	0.97391	0.35101	0.332582	-3.04338			0.21332	0.218823	-4.56991	0.753231	1.44149	1.44149	0.928078	1.11035	1.11035	0.806532	0.752393	-1.32909	0.81161	17.2805	18.9259	1
cg04936114	BAI2	0.621345	0.405495	1.40677	1.40677	0.297705	0.648617	-1.54174	0.746783	0.878168	-1.13873	0.304225	1.5319	1.5319	0.794915	0.891392	-1.12184		0.178585	1.73775	1.77375	0.295713	1.54471	1.54471	0.781201	1.15982	1.15982	0.540889	1.28241	1.28241	0.811584	2.06704	2.26393	1
cg01154848	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188	0.621345	0.471167	0.849969	-1.17651	0.425733	1.17567	1.19767	0.374415	1.22408	1.22408	1.219694	0.736008	-1.35868	0.600666	0.889298	-1.12448		0.584231	0.884663	-1.13037	0.334391	1.24705	1.24705	0.926006	0.979611	-1.02081	0.428528	1.19631	1.19631	0.811584	0.63214	0.693252	1
cg12999166	NOD1	0.621345	0.155239	0.380026	-2.6314	0.653073	1.33353	1.33353	0.730075	1.24649	1.24649	0.432223	0.600565	-1.6651	0.296052	0.501948	-1.99224		0.452079	0.614258	-1.62798	0.167321	0.392047	-2.55072	0.352633	0.5442	-1.83756	0.876857	0.906067	-1.10367	0.811584	5.20145	5.6960	1
cg04455030	ZNF280C	0.621346	0.22528	0.385444	-1.92614	0.708356	0.323351	0.323223	0.140909	0.178525	0.849413	0.783735	1.72594	1.72594	0.899678	1.13224	1.13224	0.765127	0.945676	1.14107	1.14107	0.105135	0.175914	0.584.43	0.422911	2.1746	2.1746	0.934728	1.084	1.084	0.811577	12.4631	13.6504	1
cg14926093	COLEC11;COLEC11	0.621352	0.650518	1.48942	1.48942	0.749813	0.65262	1.65262	0.125183	4.26199	4.26199	0.636572	1.515491	0.811865	0.813819	-1.22877			0.496375	1.82807	1.82807	0.496339	1.82817	1.82817	0.574688	1.77395	1.77395	0.765888	1.29799	1.29799	0.813573	9.80707	10.7414	1
cg04513038	ANO7	0.621367	0.614667	0.763125	-1.31402	0.392867	0.624441	1.60143	0.506562	0.695584	-1.43764	0.93962	1.0416	1.0416	0.265277	0.515487	-1.82746		0.383487	0.815306	-1.62192	0.112293	0.394491	-2.53491	0.13117	0.466111	-2.4032	0.932252	0.955287	-1.04681	0.811552	3.72013	4.07464	1
cg01653080	PPP1R13B	0.621372	0.797958	0.797087	-1.25447	0.468053	1.92085	1.92085	0.626989	1.54183	1.54183	0.236202	2.99627	2.99627	0.791738	0.791387	-1.2636		0.326511	0.408374	-2.44874	0.1941	0.296825	-3.36895	0.958433	0.954966	-1.04716	0.352893	0.429505	-2.32826	0.811543	10.0463	11.0038	1
cg06688411	FRMD8	0.621382	0.927384	1.02238	1.02238	0.947014	1.01627	1.01627	0.903989	1.02973	1.02973	0.786585	1.0681	1.0681	0.171164	0.702067	-1.42437		0.481668	0.840615	-1.1896	0.18801	1.40308	0.759971	1.07723	0.722863	1.3454	1.3454	0.811528	0.757481	0.82969	1
cg07639376	PTT4D;TMEM204	0.621392	0.475472	1.5217	1.5217	0.63012	0.945346	-1.24166	0.885459	0.816138	1.36318	1.36318	0.446309	0.654285	0.714004	1.08109	1.08109		0.520258	0.673838	-1.48404	0.651407	1.27199	1.27199	0.820597	1.1475	1.1475	0.291315	0.515174	-1.94109	0.811513	4.71542	5.16503	1
cg02008485	CDH6	0.621394	0.911558	1.01432	1.01432	0.636733	1.06276	1.06276	0.920508	1.01285	1.01285	0.134057	1.22966	1.22966	0.650875	0.943375	-1.06002		0.20287	1.18768	1.18768	0.244726	0.855817	-1.16847	0.73592	1.04426	1.04426	0.778309	1.03677	1.03677	0.81151	0.21041	0.230473	1
cg19344626	NW01	0.621396	0.463837	0.841378	-1.07737	0.615521	0.813764	-1.24008	0.870329	0.855554	-1.17157	0.796856	1.29162	1.29162	0.188141	1.25074	-1.98861		0.315078	0.356824	-2.8025	0.198842	0.50114	-1.99547	0.261714	0.739437	-1.35209	0.561507	0.81497	-1.22677	0.811584	10.6477	11.8537	1
cg23632529	ARHGAP20	0.621396	0.952154	0.992712	-1.00734	0.757111	1.04217	1.04217	0.45244	0.910904	-1.09781	0.964969	-1.03953	0.882468	0.982154	-1.01817			0.597382	1.937087	1.906714	0.17029	2.04824	2.04824	0.203125	2.12329	2.12329	0.815107	0.811515	0.859107	0.191015	0.209229	1
cg12811552	ATP6V0E1;ATP6V0E1	0.621408	0.241311	2.14746	2.14746	0.337303	1.84957	1.84957	0.396196	1.71526	1.71526	0.128969	2.79389	2.79389	0.671329	0.767717	-1.30256		0.724977	0.803567	-1.24445	?	?	0.553026	1.45061	1.45061	0.829789	1.14252	1.14252	0.801613	4.22967	4.6169	1
cg02317955	MIR657;AATK	0.621409	0.162402	2.14746	2.14746	0.239372	2.24074	2.24074	0.140209	2.24074	2.24074	0.140209	2.24074	2.24074	0.140209	2.19632	0.59132	1.69091	0.764458	1.31196	-1.26806	0.736483	0.854849	-1.16219	0.758251	0.858146	-1.1653	0.161137	1.59231	1.59231	0.811488	0.91594	1.09206	1
cg08991927	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2I	0.621409	0.400448	0.509491	-1.96274	0.105292	0.249926	-4.00119	0.390985	0.502254	-1.99102	0.486747	1.7396	1.7396	0.274217	0.410079	-2.43855		0.47462	0.5653	-1.76772	0.417999	0.522863	-1.91255	0.73259	0.76436	-1.30828	0.753552	1.27988	1.27988	0.811488	7.88944	8.64195	1
cg01025522	PCBP3;PCBP3	0.621421	0.400072	0.730435	-1.36905	0.436629	1.3356	1.3356	0.632224	1.19224	1.19224	0.927173	0.967213	-1.0339	0.108486	0.528113	-1.89354		0.438946	0.749865	-1.33357	0.455749	1.31918	1.31918	0.453265	0.756843	-1.32128	0.851688	0.934026	-1.07063	0.811469	1.70894	1.87198	1
cg03753066	PGFEP1	0.621432	0.371365	1.23205	1.23205	0.375173	1.23193	1.23193	0.69641	0.915635	-1.09214	0.994711	1.00151	1.00151	0.35504	0.809286	-1.23566		0.493262	0.855295	-1.16919	0.111057	0.673898	-1.4839	0.92586	0.979013	-1.02144	0.558114	0.874141	-1.14398	0.811453	0.664283	0.727675	1
cg18737257	FOXF1;FOXF1	0.621438	0.890823	1.09111	1.09111	0.676356	1.21576	1.21576	0.909805	1.02708	1.02708	0.712765	1.44716	1.44716	0.619555	0.963726	-1.03764		0.598305	1.1315	1.1315	0.152737	1.43484	1.43484	0.475533	1.16521	1.16521	0.613865	0.863248	-1.15842	0.811445	0.714272	0.782442	1
cg27362222	SPRY1	0.621446	0.63321	0.654613	-1.52762	0.089837	0.318464	0.318464	0.357366	2.30909	2.30909	0.295844	2.61063	2.61063	0.871965	0.867619	-1.15258		0.889437	1.13027	1.13027	0.857506	0.853645	-1.17145	0.516606	0.559828	-1.78626	0.691447	1.42113	1.42113	0.814994	9.79223	9.34507	1
cg12630522	PIK3CD	0.621449	0.44602	0.51107	-1.95677	0.102357	0.324379	0.324379	0.311279	0.202451	3.18548	3.18548	0.7	?	0.7	0.7	-1.42857		0.669402	0.678352	-1.47416	0.382967	0.728227	1.3792	1.3792	0.760024	-1.31448	0.311857	0.386049	-2.58402	0.811548	0.30866	0.328262	1
cg26680189	HDAC6	0.621454	0.225976	0.877201	-11.3999	0.874349	0.738669	-1.35379	0.880388	0.749602	-1.33404	0.231607	11.0396	11.0396	0.260311	9.46234	0.46234	0.344225	0.154923	-6.45484	0.512946	0.280828	-3.56089	0.622259	0.388565	-2.58688	0.948039	1.13041	1.13041	0.814142	0.74804	0.81753	1
cg06134611	CLP1;CLP1	0.621456	0.671079	0.917492	-1.08993	0.963484	0.990813	-1.00927	0.798696	1.05287	1.05287	0.156733	0.736869	-1.35709	0.908159	1.02354	1.02354		0.78958	0.94751	-1.0554	0.141928	0.727373	-1.37481	0.567032	0.889905	-1.12372	0.291228	1.24705	1.24705	0.811417	0.52224	0.572103	1
cg20909656	ETV1;ETV1;ETV1;ETV1;ETV1;ETV1	0.621469	0.402206	1.66667	1.66667	0.732363	1.62379	1.62379	0.312729	0.625854	1.59841	1.59841	0.211666	4.72052	0.875672	0.212556	4.70408		0.155233	0.788357	1.26811	0.807173	0.994411	1.00561	1.00561	0.995411	-1.00439	0.933942	1.17645	1.17645	0.811397	0.386049	-2.58402	0.811548	0.30866	0.328262	1
cg05015959	YIPF5;YIPF5;ACTD16	0.62147	0.848838	0.954472	-1.0466	0.385749	1.23647	1.23647	0.816015	0.71058	1.05718	0.187547	0.716476	-1.39572	0.369405	0.802476	-1.24614		0.32529	0.784693	-1.27438	0.42805	0.822594	0.821306	0.311856	0.778995	-1.28371	?	?	0.79078	0.640016	0.802226	1
cg25375329	RNF113A;RNF113A1	0.621485	0.161212	1.80858	1.80858	0.824557	1.24292	1.24292	0.787189	0.719395	1.40213	0.200205	0.644395	0.666395	0.493332	0.82979	-1.20497		0.520258	0.673838	-1.48404	0.651407	1.27199	1.27199	0.820597	1.1475	1.1475	0.291315	0.515174	-1.94109	0.811513	4.71542	5.16503	1
cg03437741	PTGFRN	0.621486	0.510844	1.21317	1.21317	0.159136	1.54649	1.54649	0.163188	1.53915	1.53915	0.973424	1.0097	1.0097	0.838998	0.942761	-1.06071		0.273816	0.718967	-1.39088	0.585842	1.17282	1.17282	0.587477	1.17199	1.17199	0.909003	1.03368	1.03368	0.811372	1.07875	1.18181	1
cg19319774	CLOND2;ETFB	0.62149	0.940987	1.01952	1.01952	0.480175	1.20609	1.20609	0.60313	1.14677	1.14677	0.21102	0.70888	-1.41068	0.194409	0.698781	-1.43106		0.456324	0.820307	-1.21906	0.602462	0.871793	-1.14706	0.952507	0.91567	1.01567	0.123398	1.30512	1.30512	0.811366	0.879964	0.959659	1
cg27329298	GOPC;GOPC	0.621490	0.290589	0.791303	-1.26359	0.797857	0.915387	-1.09257	0.760537	0.32889	-3.04022	0.714438	0.184285	0.206527	0.752907	0.232489	-4.30107		0.744059	0.804419	-1.24311	0.132091	0.768407	-1.30183	0.570983	0.884967	-1.12999	0.881366	0.585316	0.641241	1
cg16818768	PSMG1;PSMG1	0.621505	0.964538	1.02345	1.02345	0.61271	0.767798	-1.30243	0.393619	1.5772	1.5772	0.312022	1.72521	1.72521	0.52219	1.40246	1.40246		0.209834	0.503004	-1.99202	0.281433	0.55782	-1.79269	0.483768	1.4493	1.4493	0.686521	1.2356	1.2356	0.811343	3.49387	3.8278	1
cg02307681	FTT4D;TMEM204	0.621513	0.475472	1.5217	1.5217	0.63012	0.945346	-1.24166	0.885459	0.816138	1.36318	1.36318	0.446309	0.654285	0.714004	1.08109	1.08109		0.761969	1.22502	1.22502	0.689123	1.3082	1.3082	0.541501	1.50568	1.50568	0.537104	1.09046	1.09046	0.811337	5.73516	6.2814	1
cg27583149	VKORC1;VKORC1	0.621513	0.598078	0.823381	-1.21451	0.500655	1.28366	1.28366	0.094091	1.9551	1.9551	0.881387	1.05606	1.05606	0.950961	1.02272	1.02272		0.256537	1.5413	1.5413	0.432231	0.74617	-1.34018	0.515954	1.27203	1.27203	0.545642	1.25034	1.25034	0.811331	1.71478	1.87871	1
cg11751615	FARP2	0.621523	0.54662	0.689304	-1.45074	0.073979	0.296861	-3.36859	0.421653	0.606152	-1.64975	0.864656	1.10905	1.10905	0.289968	0.511802	-1.95388		0.497402	0.656937	-1.52222	0.947312	1.04129	1.04129	0.623858	1.3518	1.3518	0.71015	1.25568	1.25568	0.811302	4.77926	5.23631	1
cg01653005	PIK3R5	0.621559	0.912065	1.0855	1.0855	0.740872	2.18295	2.18295	0.656863	1.5007	1.5007	0.414264	0.46874	-2.13338	0.459405	0.504713	-1.98132		0.407974	0.463741	-2.15638	0.715442	0.717196	-1.39432	0.137759	0.267863	-3.73261	0.426761	0.444335	0.220986	0.220686	0.811261	10.5907	11.6042	1
cg18154073	SLC9A10	0.621577	0.299446	0.481691	-2.07602	0.898206	0.916736	-1.09083	0.692713	1.30969	1.30969	0.842157	0.87334	-1.14503	0.136633	0.33648	-2.97195		0.739839	1.25403	1.25403	0.882804	0.904659	-1.10539	0.416795	1.75713	1.75713	0.912725	0.932709	-1.07243	0.811258	0.92703	0.649538	1
cg23538226	CENPQ;C2orf70	0.621584	0.74826	1.08424	1.08424	0.714657	1.31071	1.31071	0.400667	1.02494	1.02494	0.84722	0.960638	-1.03516	0.139447	0.776273	-1.28837		0.484256	1.03331	1.03331	0.882366	1.11062	1.11062	0.401221	1.20704	1.20704	0.420256	1.45725	1.45725	1.45725	1.45725	1.45725	1
cg05093254	ABCA3	0.621588	0.469358	1.17498	1.17498	0.870689	0.964942	-1.03633	0.63767	0.9013	-1.10951	0.144193	1.4101	1.4101	0.784429	1.06191	-1.06191		0.304876	0.79235	-1.26207	0.501042	0.861048	-1.16137	0.563253	1.13657	1.13657	0.354386	0.811626	2.23209	0.811217	0.616526	0.675557	1
cg03556760	MDGA1;MDGA1 SMARCA1;SMARCA1;SMARCA1;SMARC	0.621598	0.701875	0.920279	-1.08663	0.537212	1.14449	1.14449	0.375083	1.21731	1.21731	0.413662	0.83484	-1.19783	0.861674	1.22439	1.22439		0.211022	0.752273	-1.3293	0.55811	1.13648	1.13648	0.277746	1.27611	1.27611	0.939141	0.983642	-1.01663	0.811202	0.599446	0.656854	1
cg06575660	A1 NLGN3;NLGN3;NLGN3;NLGN3;NLGN3;N	0.6216	0.264367	0.299987	-3.33348	0.923751	0.905672	-1.10415	0.876259	0.85106	-1.17501	0.178154	4.39612	4.39612	0.432174	2.29251	2.29251		0.172725	0.222723	-4.48989	0.93535	0.919465	-1.08759	0.893329	0.870356	-1.14895	0.964522	1.04711	1.04711	0.811199	13.7615	15.0795	1
cg14322166	LGN3	0.621607	0.405083	0.361976	-2.76262	0.095381	0.112413	-8.89575	0.836081	0.781023	-1.28037	0.497936	2.27228	2.27228	0.667368	1.22214	1.22214		0.22499	0.218654	-4.57343	0.812623	1.32002	1.32002	0.78402	1.38783	1.38783	0.724954	1.52409	1.52409	0.811189	18.282	20.0331	1
cg10577467	WDR19	0.621627	0.341284	1.37195	1.37195	0.497	0.712237	1.29335	1.20057	0.758235	1.0284	1.0284	1.0284	0.384971	0.922276	-1.08427	0.965283	1.00396	1.00396		0.503908	1.02407	1.02407	0.965283	1.00396	1.00396		0.959416	-1.0423	0.665664	1.04142	1.04142	0.811158	0.109724	0.115855	1
cg23696472	TSPYL2	0.621631	0.199003	0.0822382	-12.1598	0.935019	0.860627	-1.16194	0.878136	0.753948	-1.32635	0.226262	10.3682	10.3682	0.193556	12.5816	12.5816		0.386721	0.195306	-5.12018	0.952785	1.11515	1.11515	0.953744	1.11268	1.11268	0.936521	1.15791	1.15791	0.81115	43.5258	47.6972	1
cg19926161	TNNI1;TNNI1	0.621635	0.361348	0.33138	-3.01768	0.417182	2.66405	2.66405	0.119197	7.37689	7.37689	0.453055	2.46778	2.46778	0.884421	1.18756	1.18756		?	?	?	?	?	?	0.94786	1.08035	1.08035	0.736888	1.48958	1.48958	0.780445	13.4262	19.6609	1
cg11173279	CHTF18;RPUSD1	0.621639	0.723623	0.875644	1.14285	0.779356	1.02757	1.02757	0.213709	0.961545	-1.03999	0.19869	0.802148	-1.24674	0.569706	0.854133	-1.0478		0.733315	1.02818	1.02818	0.24021	1.11504	1.11504	0.726534	0.909752	0.928895	0.938571	0.930706	1.07445	0.811141	0.884942	0.8929741	1
cg05475770	BSG;BSG;BSG	0.621649	0.594017	1.14339	1.14339	0.992065	0.71333	-1.40188	0.280771	1.32211	1.32211	0.286971	1.31703	1.31703	0.516722	1.17791	1.17791		0.546509	1.16415	1.16415	0.779825	0.932581	-1.07229	0.414445	0.812385	-1.23094	0.782725	0.933465	-1.07128	0.811126	0.796918	0.873319	1
cg12763118	PIK3CD	0.621659	0.820986	1.17717	1.17717	0.957502	1.076432	1.076432	0.210635	0.576883	1.32121	1.32121	0.856709	1.02751	1.02751	0.244618	1.23317		0.217838	0.92584	1.08472	0.511393	0.863633	1.15746	0.812112	1.17746	0.812112	1.07051	1.07051	1.07051	0.811241	1.07051	1.07051	1
cg12079277	SREBF1;SREBF1	0.62167	0.691213	1.13315	1.13315	0.251652	0.687311	-1.45495	0.242039	0.681552	-1.46724	0.899715	0.961294	-1.04026	0.615236	0.853276	-1.17195		0.172705	0.57517	-1.57517	0.844815	1.06157	1.06157	0.675704	1.1408	1.1408	0.49184	1.24432	1.24432	0.811095	2.5931	1.38008	1
cg16196857	PTPRG	0.621693	0.481373	0.74395	-1.34418	0.948554	0.973684	-1.02703	0.583718	0.795564	-1.25697	0.390614	0.695198	-1.43844	0.149445	0.527927	-1.8942		0.65008	0.827993	-1.20774	0.164533	1.84578	1.84578	0.735802	1.15023	1.15023	0.910802	0.954741	-1.0474	0.811059	2.19409	2.40463	1
cg08209737	CPS1	0.621695	0.142881	2.75208	2.75208	0.974422	0.625633	1.59959	-1.19465	0.640887	1.56025	-1.25035	1.10065	0.353776	0.222322	-4.50078	0.222322	0.619348	1.10764	1.10764	1.10764	0.576024	0.89107	-1.12225	0.749992	1.06744	1.06744	0.924935	0.811122	2.24825	0.811057	0.53532	0.586095	1
cg26471020	MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.621707	0.219662	1.25011	1.25011	0.694509	0.09327	0.09327	0.292023	1.2083	1.2083	0.628157	0.931308	-1.07376	0.266354	1.22194	1.22194		0.857716	1.03155	1.03155	0.233832	0.815107	1.24144	0.474725	1.13407	1.13407	0.663293	1.07877	1.07877	0.811039	0.384777	0.421711	1
cg10861005	RGL2;RGL2	0.621711	0.826461	1.09111	1.09111	0.672712	0.856989	-1.16608	0.866933	1.02657	1.02657	0.810554	0.93207	-1.08334	0.324749	1.17415	1.17415		0.128855	1.77141	1.77141	1.29577	0.388257	1.1447	1.1447	0.929005	0.898222	-1.11331	0.819849	0.93067	1.03667	0.810414	0.931662	0.996256	1
cg18800569	UBE2CBP	0.621713	0.842616	0.864728	-1.15643	0.839893	0.862521	-1.15939	0.327969	0.477954	-2.09225	0.934071	1.06236	1.06236	0.198715	0.370471	-2.69927		0.174688	0.34802	-2.8734	0.209778	0.380451	-2.62846	0.519447	0.620361	-1.61196	0.169195	0.342716	-2.91787	0.81103	0.86612	7.52527

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	Fold-Change(2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg06758191	AFAP1;AFAP1	0.622253	0.469234	1.338	0.811308	1.211493	1.89716	2.897516	0.823557	0.83488	-1.19778	-0.301959	0.36405	2.36405	0.527127	1.67834	1.67834	0.725254	1.32995	1.32995	0.353683	2.23057	2.23057	0.560126	0.623189	-1.60982	0.123438	1.884616	0.8302215	0.37988	9.19359	1
cg05559508	C1orf21	0.622256	0.670988	1.24998	1.24998	1.18866	0.483218	2.060946	0.240677	0.526537	-1.88992	0.872425	0.108754	1.108754	0.503894	1.31431	1.31431	0.953165	1.03115	1.031115	0.179263	2.10636	2.10636	0.817826	1.12804	1.12804	0.705737	0.8203	-1.21907	0.810212	3.49903	3.83881	1
cg26567249	UQCRB;UQCRB	0.622256	0.47734	1.373	1.373	0.71119	0.849311	-1.17743	0.723709	0.855664	-1.16868	0.64364	1.22702	1.22702	0.764924	0.876606	-1.14076	0.809573	0.899403	-1.11185	0.0554506	0.385446	-2.5944	0.519886	1.33174	1.33174	0.792828	0.890834	-1.12254	0.810211	2.4749	2.71524	1
cg19678564	ADORA1;ADORA1	0.622265	0.471161	0.604371	-1.65461	0.106194	0.297575	-3.36046	0.991307	1.00769	1.007769	0.820005	1.1602	1.1602	0.23796	0.427759	-2.3378	0.484505	0.613851	-1.62906	0.166527	0.362997	-2.75484	0.484501	0.613851	-1.62901	0.966417	1.020935	1.020935	0.8102	0.705383	0.64398	2
cg20735954	SYNGR1	0.622277	0.659308	0.746564	-1.33947	0.198006	2.45048	2.45048	0.215442	2.3606	0.78038	0.83208	-1.20181	0.457018	0.60715	-1.64704	0.252142	0.454728	-2.19912	0.586151	0.696182	-1.43641	0.984667	0.98742	-1.01274	0.789114	0.838118	-1.19315	0.810818	5.5685	6.10948	1
cg25086418	DLC1	0.622286	0.369035	0.707966	-1.4125	0.185858	0.591457	-1.69074	0.751117	1.12652	1.12652	0.913533	0.96015	-1.04165	0.353136	0.699282	-1.43004	0.877865	0.94405	-1.05927	0.399527	1.38113	1.38113	0.170974	0.57938	-1.72598	0.446888	0.748073	-1.33677	0.810165	1.7986	1.97337	1
cg00408315	RASA3	0.622287	0.641172	0.823195	-1.21478	0.778566	1.12395	1.12395	0.518953	0.762598	-1.31131	0.413962	0.707387	-1.41365	0.858839	0.928864	-1.07658	0.618504	1.23133	1.23133	0.0815256	0.449197	-2.2262	0.398891	1.43047	1.43047	0.472373	0.738608	-1.3539	0.810165	2.20469	2.41802	1
cg07351164	PSRC1;PSRC1;PSRC1;PSRC1	0.622298	0.548713	1.29132	1.29132	0.700586	1.11579	1.176379	0.734234	1.16682	1.166682	0.458669	0.723484	-1.38202	0.714234	0.856457	-1.1676	0.184206	0.552396	-1.81026	0.0517007	0.923383	-1.08307	0.713702	1.54037	1.64577	0.774045	1.12837	1.128367	0.810148	2.2777	2.49908	1
cg12143717	EXOSC4	0.622305	0.692175	1.09465	1.09465	0.2585	1.29942	1.29942	0.13426	1.44337	0.859785	0.8860158	-1.12959	0.543875	0.1769335	-1.76906	1.16906	0.259204	1.3067	1.3067	0.480859	0.849728	-1.17685	0.525673	1.15736	1.15736	0.513272	1.16261	1.16261	0.810137	0.266265	0.727065	1
cg04343162	TCTEX1D2	0.622313	0.460643	1.40381	1.40381	0.195712	1.85501	1.85501	0.299917	0.615639	-1.62433	0.217337	1.79695	1.79695	0.495112	1.36726	1.36726	0.519011	1.3434	1.3434	?	?	?	0.571341	1.29475	1.29475	0.702633	1.18912	1.18912	0.796508	2.2865	2.87066	1
cg06639101	RFTN1;BCL2L12;BCL2L12	0.622323	0.880935	1.08364	-1.09205	0.403651	1.15911	1.159111	0.558995	1.13244	1.13244	0.459679	1.1717	1.1717	0.333754	1.2335	1.2335	0.955018	1.01154	1.01154	0.152629	0.724371	-1.38051	0.507057	1.14299	1.14299	0.259546	1.2809	1.2809	0.810109	0.566426	0.623703	1
cg10983056	ATP11A;ATP11A	0.622324	0.474008	0.906923	-1.10263	0.220448	1.18698	1.18698	0.739398	0.956198	-1.04582	0.740836	1.24841	1.24841	0.14884	1.04884	1.04884	0.859963	1.00507	1.00507	0.482082	1.10063	1.10063	0.0776386	1.30108	1.30108	0.635917	1.06609	1.06609	0.810109	0.231067	0.253538	1
cg16697755	FLI41031	0.622339	0.584604	0.886356	-1.12822	0.456311	0.847223	-1.18033	0.514532	1.15539	1.15539	0.079128	0.653127	-1.5311	0.390908	1.06283	1.06283	0.859363	0.960985	-1.03952	0.523113	0.868122	-1.15191	0.855865	1.04053	1.04053	0.40295	1.20567	1.20567	0.810086	0.61268	0.67228	1
cg27638615	FZD7;FZD7	0.622343	0.341297	0.559564	-1.78583	0.254666	2.0205	2.0205	0.498693	1.59536	1.59536	0.835625	1.75403	1.75403	0.353814	1.56841	-1.75796	0.315942	1.84625	1.84625	0.803256	1.15969	1.15969	0.413492	1.6395	1.6395	0.903248	0.932002	-1.07296	0.81008	4.4868	4.9233	1
cg05130309	UMS1	0.622355	0.292888	0.481624	-2.07631	0.0623245	0.245047	-4.07487	0.276969	0.460039	-2.13202	0.891939	1.09528	1.09528	0.640549	0.729886	-1.37008	0.65154	0.737564	-1.35581	0.190178	1.27359	1.27359	0.828537	0.864829	-1.1563	0.523584	0.648686	-1.54158	0.810661	5.7515	6.31118	1
cg05087777	SND1	0.622374	0.740404	0.89932	-1.11195	0.193773	1.59288	1.59288	0.407382	1.29449	-1.08108	0.817148	1.329568	1.07	0.829498	1.07	0.783956	0.980593	1.01052	1.01052	0.0775634	0.877865	0.94405	-1.05927	0.399527	1.38113	1.38113	0.170974	0.57938	-1.72598	0.446888	0.748073	-1.33677	0.810165	1.7986	1.97337	1
cg22479710	C1orf57	0.622375	0.640995	1.12677	1.12677	0.361774	1.26902	1.26902	0.578885	1.15313	1.15313	0.789175	1.07048	1.07048	0.226298	1.38111	1.38111	0.540419	1.17059	1.17059	0.116684	0.648428	-1.54219	0.647983	1.12392	1.12392	0.688476	1.10786	1.107086	0.810032	0.828623	0.909289	1
cg15712740	XPO1	0.622380	0.681344	0.931123	-1.07397	0.877448	1.38879	1.38879	0.314524	1.1984	1.1984	0.59319	0.910436	-1.09837	0.316321	1.10754	1.10754	0.588062	1.09984	1.09984	0.186384	1.16709	1.16709	0.91149	1.01954	1.01954	0.544419	1.11206	1.112056	0.810015	0.388447	0.426272	1
cg00027650	TCF12;TCF12;TCF12;TCF12	0.622387	0.338959	0.616176	-1.62135	0.0926808	0.176797	-5.65619	0.326805	0.457807	-2.28411	0.895236	0.8980852	-1.11353	0.504329	0.575257	-1.73835	0.505353	0.576044	-1.73508	0.597049	0.647016	-1.54556	0.996843	0.49261	-2.03	0.71285	1.40313	1.52111	0.810013	0.834846	0.937583	1
cg05489557	TRIM26	0.622392	0.601786	0.74717	-1.33838	0.507435	0.689166	-1.45103	0.957726	0.971082	-1.02978	0.266585	1.89796	1.89796	0.777693	1.16963	1.16963	0.832172	0.88916	-1.12466	0.380952	0.608059	-1.64458	0.114325	2.5878	2.5878	0.58124	1.36124	1.36124	0.810006	3.93139	4.31425	1
cg13207702	CA6	0.622399	0.613846	0.882197	-1.13353	0.459963	0.814085	-1.22729	0.550895	0.974137	-1.13487	0.601809	0.988274	-1.01167	0.664326	0.559026	-1.78898	0.720159	1.09233	1.09233	0.882791	0.964311	-1.03701	0.854249	1.01551	1.01551	0.676393	1.10894	1.10894	0.809996	0.779477	0.8543	1
cg25601060	CAND1	0.622412	0.696298	0.913021	-1.09767	0.63812	1.11912	1.11912	0.430428	1.21801	1.2107	0.188134	1.39281	1.39281	0.078422	1.59113	1.59113	0.424819	1.21365	1.21365	0.756572	1.07667	1.07667	0.507382	1.17326	1.17326	0.373172	1.24365	1.24365	0.809976	0.720473	0.79457	1
cg18806238	SEPT4;SEPT4;SEPT4	0.622417	0.775154	1.08363	1.08363	0.120736	1.56052	1.56052	0.809824	1.08363	1.08363	0.954532	1.13598	1.13598	0.0945753	1.28397	1.28397	0.422132	0.797316	1.25439	1.25439

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07413497	C6orf57;C6orf57	0.823207	0.873952	-1.02886	0.610512	1.07153	1.07153	0.179276	1.2115	1.2115	0.810323	1.02916	1.02916	0.992244	0.993318	-1.00673	0.799385	1.03484	1.03484	0.838349	0.972901	-1.02785	0.870214	1.02224	1.02224	0.0570489	1.93587	1.838487	0.8086644	0.231653	1.838487	0.8086644	0.231653	0.254641	1
cg12832565	CD160	0.623305	0.154873	0.691468	-1.4462	0.82859	1.05395	1.05395	0.3205	0.779778	-1.28242	0.144625	0.684066	-1.46185	0.994161	1.00177	1.00177	0.913861	1.02657	1.02657	0.405859	1.22884	1.22884	0.731746	0.919995	-1.08696	0.661674	1.898788	-1.11261	0.808631	0.752068	0.826712	1
cg06730161	CNTN1;CNTN1	0.623319	0.589073	1.45633	1.45633	0.189939	2.60371	2.60371	0.33646	1.98008	1.98008	0.458134	1.68331	1.68331	0.337282	1.97764	1.97764	0.595301	1.44705	1.44705	0.550786	0.659646	-1.51596	0.230726	2.3789	2.3789	0.169333	2.74348	2.74348	0.8086511	0.68482	0.68891	1
cg17103126	RASL11B	0.623321	0.604415	1.36436	1.36436	0.915249	0.938679	-1.06157	0.50599	0.609538	-1.49357	0.776877	1.184	1.184	0.737311	0.818634	-1.22155	0.96379	1.02735	1.02735	0.0519336	1.72349	3.72349	0.586808	1.38571	1.38571	0.6221221	0.744298	-1.34355	0.8086607	4.52569	4.97502	1
cg13641840	DFNB31;DFNB31	0.623323	0.974136	1.00814	1.00814	0.641592	0.889123	-1.1247	0.310573	0.766734	-1.30423	0.461419	1.20768	1.20768	0.703362	1.10057	1.10057	0.790745	1.06882	1.06882	0.0867121	1.63364	1.63364	0.813349	0.942534	-1.06097	0.733051	1.08987	1.08987	0.8186998	0.770555	0.628765	1
cg12332902	ZAP70	0.623328	0.891197	1.05672	1.05672	0.546866	0.781725	-1.27922	0.264663	0.625873	-1.59777	0.753357	0.880684	-1.13454	0.10388	0.488314	-2.04786	0.499218	1.31849	1.31849	0.974058	1.01319	1.01319	1.01319	0.938116	1.03179	1.03179	0.2203322	1.594856	-1.68308	0.8085598	2.0807	2.28791	1
cg10478996	AGAP1;AGAP1	0.623344	0.584347	1.45405	1.45405	0.179138	0.373301	-2.6788	0.963174	1.03178	1.03178	0.803391	1.18417	1.18417	0.733268	0.793108	-1.26086	0.854414	1.13255	1.13255	0.648507	1.36478	1.36478	0.0980808	3.41997	3.41997	0.629927	1.38957	1.38957	0.8085733	5.88056	6.46468	1
cg10191906	ONECUT1	0.623345	0.291643	0.987316	-1.15105	0.990701	0.905781	-1.10405	0.815746	0.979728	-1.02069	0.748043	0.839753	-1.19083	0.150924	0.840913	-1.18918	0.875785	0.982548	-1.01756	0.452652	0.917494	-1.08993	0.533987	1.07371	1.07371	0.926701	1.01041	1.01041	0.8085732	0.162214	0.178128	1
cg08720746	C10orf93	0.623361	0.378892	0.624103	-1.55995	0.955163	1.02808	1.02808	0.24607	0.550159	-1.81766	0.547507	0.909526	-1.09947	0.136016	0.45325	-2.20629	0.775191	0.868451	-1.15147	0.859645	0.914668	-1.09329	0.10325	0.415677	-2.40537	0.4577	0.688999	-1.45138	0.808547	3.10707	3.41581	1
cg16904092	MYPOP	0.623367	0.0961783	0.165479	-6.04307	0.382981	0.414396	-2.41315	0.996464	0.995546	-1.00437	0.857791	1.19317	1.19317	0.556434	1.79632	1.79632	0.972493	0.966618	-1.03453	0.531857	1.86553	1.86553	0.577037	1.74158	1.74158	0.3115547	0.356683	-2.80361	0.8085838	12.4159	13.6498	1
cg18635457	C14orf106	0.623375	0.944445	0.175	-5.71429	0.24679	1.24679	1.24679	0.0492577	0.828997	1.21026	0.761043	1.13399	1.13399	0.221434	1.091	1.091	0.63806	1.12516	1.12516	0.145844	1.47492	1.47492	0.0102474	1.97729	1.97729	0.0002424	1.00058	1.00058	0.8085827	0.797795	0.725364	0.897374	1
cg12466610	MOSC2	0.623387	0.610936	0.284472	-3.51528	0.911846	1.31174	1.31174	0.987303	0.961847	-1.03967	0.466547	0.64408	0.64408	0.396987	0.37426	0.37426	0.618646	0.292419	-3.41976	0.116061	0.65489	0.65489	0.754954	0.109831	-9.1049	0.439612	0.144956	-6.89865	0.808508	76.8768	84.5198	1
cg25510643	C10orf93;CNNM2;CNNM2;NT5C2;NT5C2-AS1;C10orf32;ASCC3;ANXRD1;SFXN4;DNAJC9;DNAJC9-AS1;GPAM;NODAL;ARID5B;SH3PXD2A-AS1;SH3PXD2A;SNCS;SNCA;SNCB	0.623394	0.103959	1.91428	1.91428	0.873166	1.06009	1.06009	0.673025	0.856391	-1.16769	0.214134	1.61239	1.61239	0.463959	1.31292	1.31292	0.689118	0.863399	-1.15821	0.472652	1.30578	1.30578	0.269826	1.52149	1.52149	0.75339	1.122	1.122	0.8084698	1.70821	1.87806	1
cg01078271	DACT3	0.623394	0.600449	1.29737	1.29737	0.840692	0.905612	-1.10423	0.326959	1.6428	1.64628	0.18717	0.50223	-1.99112	0.360367	0.593862	-1.68389	0.849982	0.910941	-1.09777	0.230153	1.85929	1.85929	0.894115	1.0676	1.0676	0.746067	1.73599	1.73599	0.8084897	3.10738	3.41636	1
cg27638672	PIGB	0.623402	0.254479	1.07456	-1.23343	0.802804	0.956465	-1.04552	0.671897	0.927634	-1.07805	0.811781	1.04296	1.04296	0.786077	1.04914	1.04914	0.515982	1.13597	1.13597	0.102584	2.72825	2.72825	-1.3732	0.308097	0.8304466	-1.20414	0.414423	0.863177	-1.15851	0.808486	0.398092	0.437682	1
cg14958310	RASGRP2;RASGRP2;RASGRP2	0.623404	0.548193	0.710751	-1.40696	0.296157	1.83806	1.83806	0.292742	1.84661	1.84661	0.369412	1.67865	1.67865	0.656233	0.777445	-1.28627	0.304936	1.81661	1.81661	0.850506	0.899404	-1.11185	0.306732	0.551782	-1.81231	0.515262	1.44882	1.44882	0.8084822	4.04313	4.44524	1
cg21880954	NUMB;NUMB;NUMB;NUMB	0.623404	0.682717	1.14956	1.14956	0.127944	0.57228	-1.7474	0.64469	0.854259	-1.17056	0.449229	0.769885	-1.2989	0.250365	0.665408	-1.50284	0.894435	1.04605	1.04605	0.423721	1.31929	1.31929	0.461273	1.28965	1.28965	0.867378	0.944815	-1.05841	0.8084842	1.47269	1.61916	1
cg08882283	VIPR2	0.623406	0.543914	1.48262	1.48262	0.143978	2.74874	2.74874	0.277989	2.26887	2.26887	0.424136	1.69213	1.69213	0.189663	2.44776	2.44776	0.391547	1.7606	1.7606	0.153941	2.67612	2.67612	0.322591	1.93167	1.93167	0.595504	1.4122	1.4122	0.8084973	5.16547	5.84524	1
cg23987257	PRDM16;PRDM16	0.62341	0.126388	1.62471	1.62471	0.395717	0.774698	-1.29083	0.190474	1.50217	1.50217	0.937829	1.02316	1.02316	0.508113	1.21781	1.21781	0.948663	1.01908	1.01908	0.359193	1.31878	1.31878	0.410285	1.28036	1.28036	0.677567	1.13057	1.13057	0.8084774	1.103802	1.21274	1
cg07756135	ARHGAP24;ARHGAP24	0.623417	0.0889726	0.440763	-2.26905	0.564834	1.2097	1.2097	0.805882	1.05885	1.05885	0.610987	0.766345	1.30493	0.221434	1.091	1.091	0.640148	0.762732	-1.31108	0.302235	0.68195	-1.46638	0.53562	0.906363	-1.31516	0.392569	1.46597	1.46597	0.8084963	2.44215	2.6851	1
cg05850656	MIR152;CUPID2	0.623417	0.160983	0.319664	-3.12828	0.943166	0.94714	-1.05581	0.534684	1.61438	1.61438	0.238224	2.5626	2.5626	0.59388	0.663681	-1.50675	0.850328	0.865979	-1.15476	0.348345	0.479288	-2.08643	0.418486	1.8771	1.8771	0.82475	1.18404	1.18404	0.8084963	7.42926	8.16833	1
cg08466074	C11orf58;C11orf58;C11orf58	0.62342	0.599119	0.771207	-1.29667	0.625647	1.27228	1.27228	0.0742893	2.64867	2.64867	0.776603	0.869939	-1.14951	0.575284	1.3195	1.3195	0.418518	1.49912	1.49912	0.218253	1.88569	1.88569	0.965444	1.02144	1.02144	0.632927	1.26576	1.26576	0.8084539	3.07015	3.37707	1
cg16448223	DDND2;DDND2	0.623422	0.736987	1.04921	1.04921	0.790309	0.962424	-1.03904	0.845678	0.972385	-1.0284	0.183144	0.816293	-1.22505	0.845874	0.97242	-1.02836	0.36779	0.976341	-1.02423	0.827356	0.103189	0.103189	0.944703	0.990081	-1.01002	0.0563709	0.733083	-1.3641	0.808458	0.264437	0.290745	1
cg10373798	CDH13	0.623423	0.618541	1.16249	1.16249	0.604619	0.884439	-1.13187	0.862493	1.04536	1.04536	0.090606	0.701819	-1.42496	0.176005	0.570308	-1.75321	0.507659	1.09506	1.09506	0.0993221	1.2355	1.2355	0.779412	0.924329	-1.08308	0.6474739	0.401289	-2.01546	0.8084555	1.2582	1.38388	1
cg14128634	UST	0.623437	0.248561	1.6367	1.6367	0.970076	0.984794	-1.01544	0.461689	1.35809	1.35809	?	?	?	?	1.163458	0.544704	-1.83586	0.745357	1.14238	1.14238	0.48251	1.3385	1.3385	0.83145	0.91809	-1.08922	0.396668	2.42551	1.42551	0.794785	1.86689	2.34893	1
cg04536965	RERE;RERE	0.623452	0.144658	1.28018	1.28018	0.418914	0.432	-2.31481	0.139532	1.81632	1.81632	0.600349	1.33014	1.33014	0.725483	1.12016	1.12016	0.756968	1.32106	1.32106	0.464826	2.29419	2.29419	0.31952	1.85856	1.85856	0.0188396	0.564502	-1.86365	0.8084811	7.08623	8.78127	1
cg03678819	PURB	0.623458	0.635169	1.11073	1.11073	0.745818	0.910217	-1.07408	0.983437	0.995440	-1.00457	0.825458	1.04973	1.04973	0.447241	1.18697	1.18697	0.877546	1.03446	1.03446	0.0651574	0.634484	-1.57608	0.609975	1.11968	1.11968	0.447981	1.18521	1.18521	0.8084801	0.618128	0.679671	1
cg26596161	SLC26A7;SLC26A7	0.62346	0.284363	0.594966	-1.68077	0.591069	1.2882	1.2882	0.755114	1.15729	1.15729	0.240442	0.56336	-1.77506	0.416214	0.678434	-1.47398	0.517037	0.735859	-1.35896	0.39145	0.663677	-1.50676	0.151804	0.488254	-2.04812	0.322833	0.620762	-1.61092	0.8083999	2.79108	3.06898	1
cg03188064	MORN3	0.623467	0.905546	1.03889	1.03889	0.858366	1.13749	1.13749	0.247747	1.23747	1.23747	0.116585	0.650018	1.72163	0.0138763	0.412539	-2.42016	0.389077	1.27963	1.27963	0.188834	2.6346	2.6346	0.382114	1.43539	1.43539	0.165099	0.650109	-1.53796	0.8083983	0.605709	0.714453	1
cg00080836	FAM163A	0.623482	0.182009	2.80366	2.80366	0.811882	0.840702	-1.18948	0.6387	1.40326	1.40326	0.97102	0.973908	-1.02679	0.594152	0.676377	-1.47847	0.598946	1.47141	1.47141	0.960132	1.03705	1.03705	0.132126	3.26318	3.26318	0.19815	2.69071	2.69071	0.8083665	6.78085	7.45631	1
cg01259129	RPS6KA2;RPS6KA2	0.623485	0.644644	1.08108	1.08108	0.762355	0.998359	-1.00328	0.984762	0.980938	-1.02027	0.660584	1.32738	1.32738	0.0441255	2.16264	2.16264	0.64645	1.24988	1.24988	0.124705	1.5437	1.5437	0.0218403	2.48988	2.48988	0.0135285	1.36799	1.36799	0.0189402	0.895436	1.16727	1.08362	1
cg07250222	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.623485	0.545055	0.605163	-1.65245	0.233725	0.35925	-2.78358	0.156922	0.288975	-3.46051	0.769782	0.786122	-1.27207	0.463763	0.542533	-1.84321	0.373564	0.472832	-2.11492	0.368994	0.460263	-2.131	0.097885	0.225485	-4.43488	0.411875	0.502569	-1.98978	0.8083646	0.67884	0.946221	1
cg07750914	PAPOLG	0.623507	0.206539	1.41454	1.41454	0.383993	0.792657	-1.26158	0.868895	1.04394	1.04394	0.923001	0.975148	-1.02549	0.384436	0.792837	-1.26129	0.950149	1.01641	1.01641	0.123756	0.662385	1.5086	0.525257	0.660541	-1.51391	0.494976	0.639957	-1.5626	0.8083708	0.768045	0.963935	1
cg00614081	CTBP1;CTBP1	0.623517	0.240301	0.769668	-1.29976	0.45346	0.977772	-1.0225	0.0897938	1.5465	1.5465	0.8013302	1.16986	1.16986	0.707344	0.915884	-1.09183	1.1435	1.1435	1.1435	0.729015	0.84939	-1.17753	0.484491	1.1435	1.1435	0.729015	0.84939	-1.17753	0.484491	1.1435	1.1435	0.729015	0.84939	-1.17753	0.484491	0.887316	1.04619	1.05219	0.8083812	0.694685	0.763935	1
cg19262968	DGCR6	0.623519	0.782543	1.05149	1.05149	0.939049	0.986219	-1.01397	0.447798	0.869022	-1.15072	0.112954	1.36761	1.36761	0.666818	1.08177	1.08177	0.530222	1.1223	1.1223	0.128562	0.817727	-1.2229	0.696343	0.931305	-1.07376	0.430676	1.15715	1.15715	0.8083831	0.421543	0.463566	1
cg19193984	PDE5A;PDE5A;PDE5A	0.623529	0.474868	1.07165	1.07165	0.815284	0.875515	-1.20844	0.573188	1.08488	1.08488	0.293479	0.854821	-1.16984	0.292422	0.70951	-1.40915	0.741533	1.04605	1.04605	0.423721	1.31929	1.31929	0.461273	1.28965	1.28965	0.867378	0.944815	-1.05841	0.8084842	1.47269	1.61916	1
cg23927156	GJB6;GJB6;GJB6;GJB6	0.623527	0.205904	4.67546	4.67546	0.622429	1.7748	1.7748	0.182655	1.5277	1.5277	0.483656	2.27684	2.27684	0.203015	4.7162	4.7162	0.692353	1.44247	1.44247	0.278034	3.6834	3.6834	0.246984	4.05211	4.05211	0.431956	2.52707	2.52707	0.8083928	17.1036	18.8089	1
cg27253887	PPL4	0.623534	0.870491	1.11338	1.11338	0.655511	1.34388	1.34388	0.434806	1.68965	1.68965	0.176327	0.388208	-2.57594	0.355603	0.535005	-1.86914	0.902925	1.08363	1.08363	0.991577	1.00697	1.00697	0.131168	0.342057	-2.92349	0.815782	0.857604	-1.16604	0.8082838	5.54648	6.09956	1
cg07032990	MRPL53	0.623536	0.741122	1.09167	1.09167	0.776589	0.92562	-1.2082	0.979338	0.999175	-1.00083	0.815746	1.03483	1.03483	0.344626	1.15272	1.15272	0.305939	1.42777	1.42777	0.251809	0.700563	1.43275	0.380804	0.698157	1.43157	0.383983	0.69177	1.44632	0.5305	1.89185	2.11553	0.808403	0.26326	0.293787	0.328045	1.58505	1
cg17709466	DBF2B;DBF2B	0.623539	0.883794	1.03615	1.03615	0.149963	0.45456	1.45456	0.922262	1.02398	1.02398	0.913903	0.974085	-1.0266	0.659573	0.897966	-1.11363	0.335163	1.2729	1.2729	0.228093	0.753866	-1.35894	0.594439	0.877688	-1.13936	0.424585	0.820387	-1.21898	0.8082709	0.754538	0.829788	1
cg12978253	C10orf93	0.623545	0.11595	1.44395	1.44395	0.0698928	0.0882302	-1.13413	0.657886	0.852113	-1.17333	0.453424	0.651788	-1.53424	0.0862126	0.506167	-1.97596	0.609894	1.09234	1.09234	0.556194	0.826566	-1.20982	0.822441	0.922438	-1.08408	0.716053	0.877028	1.14006	0.8083844	1.6617	1.67285	1
cg21504093	GCK;GCK;GCK	0.623548	0.88292	1.11226	1.11226	0.27883	1.25456	1.25456	0.353626	1.99183	1.99183	0.521924	1.59779	1.59779	0.112908	0.287716	-3.47565	0.765274	0.806362	-1.24014	0.513234	1.61401	1.61401	0.910666	1.08441	1.08441	0.746929	0.79155	-1.26334	0.8082866	6.67285	7.33845	1
cg24753094	THOA	0.623549	0.581018	1.44561	1.44561	0.619842	0.97982	-1.02105	0.111329	0.585479	-1.70815	0.281117	0.666622	1.50017	0.0268081	0.481872	-2.07555	0.680211	1.18422	1.18422	0.5121	1.00875	1.00875	0.996707	0.886341	-1.12823	0.907729	0.626054	-1.59731	0.8082365	9.90137	10.889	1
cg27081049	TCP10L2	0.623565	0.689165	1.23378	1.23378	0.996319	0.978179	1.02231	0.801917	0.876925	1.14035	0.607342	0.703671	1.42152	0.213107	0.766462	1.21462	0.6956	1.81428	1.81428	0.269534	0.548386	1.82353	0.193529	0.6213	2.6213	0.4981	0.608119	1.64234	0.8083763	1.49474	1.84335	1
cg14216252	ROR1;ROR1 FAM172A;FAM172A;FAM172A;FAM172A;FAM172A	0.623552	0.842196	0.843675	-1.18529	0.0709152	0.58874	1.58874	0.145508	3.79192	3.79192	0.852742	0.853452	-1.17171	0.928911	0.926727	-1.07907	0.828189	1.20364	1.20364	0.938517	0.93633	-1.068	0.851135	0.851957	-1.17377	0.959473	1.04429	1.04429	0.8082826	9.30979	10.2385	1
cg12184027	A	0.623553	0.591052	0.841129	-1.18888	0.393358	1.32165	1.32165	0.93984	1.02678	1.02678	0.295006	1.41398	1.41398	0.464787	0.63971	-1.56321	0.254551	1.4615	1.4615	0.505173	1.2407	1.2407	0.988338	0.995349	-1.00467	0.659102	0.867963	-1.15212	0.8082959	1.30235	1.43226	1
cg10239257	TSPY4;TSPY3	0.623556	0.214235	6.16861	6.16861	0.784401	1.73474	1.73474	0.919985	1.1625	1.1625	0.165935	0.127587	-7.83776	0.794266	0.62199	-1.60774	0.363819	3.69245	3.69245	0.191447	4.27494	4.27494	0.608488	1.79353	1.79353	0.778121	0.674575	-1.48241	0.8082347	24.861	27.3415	1
cg26857408	UBTF;UBTF;UBTF	0.623574	0.554965	1.33775	1.33775	0.197242	0.93409	-1.07049	0.794552	0.924728	-1.08157	0.246734	0.753835	-1.32655	0.451631	0.688172	-1.45313	0.788384	1.14009	1.14009	0.955989	0.973464	-1.02726	0.872264	1.04557	-1.09572	0.699372	1.20816	-1.20816	0.8082227	3.03986	3.34324	1
cg20509780	FBLN1;FBLN1;FBLN1;FBLN1	0.623578	0.271829	2.03598	2.03598	0.376468	1.7579	1.7579	0.567768	1.43453	1.43453	0.154802	1.50186	1.50186	0.116778	0.347803	-2.87519	0.842067	1.1312	1.1312	0.917888	1.06619	1.06619	0.794928	1.17574	1.17574	0.396646	1.75115	1.75115	0.8083221	4.94518	5.43875	1
cg25619312	HECW1	0.623579	0.79086	1.05561	1.05561	0.875736	0.977772	-1.0225	0.0897938	1.5465	1.5465	0.8013302	1.16986	1.16986	0.707344	0.915884	-1.09183	0.378174	1.20229	1.20229	0.749439	0.892713	-1.12045	0.539542	0.849279	1.17754	1.17574	0.396646	1.75115	1.75115	0.8083221	4.94518	5.43875	1
cg19225280	TAF11	0.623595	0.564446	0.923357	-1.083	0.362333	0.879715	-1.13673	0.592835	0.928782	-1.07668	0.906538	1.01621	1.01621	0.537021	1.08933	1.08933	0.312364	0.866714	-1.15378	0.605859	0.931233	-1.07385	0.552555	1.08572	1.08572	0.0909501	0.775011	-1.2903	0.8081995	0.239817	0.263762	1
cg05460901	NRCAM;NRCAM	0.623597	0.625352	1.11461	1.11461	0.156792	1.39643	1.39643	0.731703	1.09724	1.09724	0.108367	0.136443	1.42412	1.42412	0.497506	2.0106	0.986582	1.00371	1.00371	0.915581	1.02358	1.02358	0.497506	1.1644	1.1644	0.178658	1.37032	1.37032	0.8082127	2.55029	2.68402	1
cg16419136	MAGI2;MAGI2	0.623608	0.445515	0.828551	-1.20693	0.746059	0.108175	1.08175	0.800443	0.940585	-1.06317	0.175812	0.706019	-1.41639	0.551933	0.115667	-1.15667	0.160655	0.659993	-1.5148	0.279733	0.943075	-1.06041	0.487383	1.18606	1.18606	0.556325	1.15477	1.15477	0.8082175	0.748613	0.823378	1
cg23844090	TMEM42	0.623608	0.848932	1.08776	1.08776	0.167679	0.522711	-1.9131	0.0839653	0.43018	-2.32461	0.928146	1.04059	1.04059	0.79321	1.12288	1.12288	0.43627	0.704433	-1.41958	0.672891	1.20602	1.20602	0.779862	0.883728	-1.13157	0.992692	1.00405	1.00405	0.8081775	2.49086	2.73963	1
cg23222949	H2AFV;H2AFV;H2AFV;H2AFV;H2AFV	0.623611	0.202737	1.97483	1.97483	0.418914	0.432	-2.31481	0.139532	1.81632	1.81632	0.600349	1.33014	1.33014	0.725483	1.12016	1.12016	0.756968	1.32106	1.32106	0.464826	2.29419	2.29419	0.31952	1.85856	1.85856	0.0188396	0.564502	-1.86365	0.8084811	7.08623	8.78127	1
cg08214610	NKRF	0.623626	0.183375	0.311687	-3.20834	0.580305	1.58603	1.58603	0.526745	0.588804	-1.69836	0.211128	0.296845	2.952585	0.152505	1.73074	1.73074	0.330249	0.43618	-2.29263	0.848771	0.854147	-1.17076	0.7825	1.25676	1.25676	0.71519	1.35343	1.35343	0.8081499	0.7291	9.6012	1
cg20298697	MRAS;MRAS	0.623668	0.884141	1.1133	1.1133	0.749019	0.992594	1.00741	0.983762	0.937852	1.06525	0.729445	0.638	1.56703	0.0743652	0.429313	-2.32933	0.644316	0.654237	-1.52864	0.14157	0.323199	-3.09407	0.671157	1.3735	1.3735	0.127947	0.433085	2.30514	1.77171	1.77171	0.8081514	0.9771	1.1	1
cg06505213	SLC35A2;SLC35A2;SLC35A2;SLC35A2	0.623671	0.225288	0.2967	-3.3704	0.309518	0.366648	-2.72741	0.96566	0.959758	-1.04193	0.326845	2.62674	2.62674	0.469936	2.01647	2.01647	0.220426	0.292535	-3.4184	0.800462	0.785347	-1.27312	0.957776	0.05181	1.05181	0.607656	1.63899	1.63899	0.8080881	11.6495	12.8145	1
cg09668452	RGS9;RGS9	0.623673	0.663691	1.26765	1.26765	0.716107	1.21894	1.21894	0.585649	0.742002	-1.34771	0.449795	1.51811	1.51811	0.099114	0.375292	-2.66459	0.541392	1.39812	1.39812	0.851696	1.10678	1.10678	0.37328	0.538999	-1.85529	0.844847	0.899237	-1.11205	0.808078	3.7607	4.13678	1
cg00094256	ANAPC4	0.623686	0.171148	0.62209	-1.60764	0.249246	1.05177	1.05177	0.513448	1.08601	1.08601	0.425327	0.5264	-1.89907	0.0829435	0.392455	-2.54909	0.782435	1.02229	1.02229	0.89439	0.897213	-1.11454	0.539542	0.849279	0.884912	1.17574	1.17574	0.396646	1.75115	1.75115	0.8083221	4.94518	5.43875	1
cg08618463	SMAD1;SMAD1	0.623699	0.541091	0.751169	-1.33126	0.139662	0.08425	2.08425	0.289416	1.66286	1.66286	0.494463	1.3783	1.3783	0.500031	0.72862	-1.37246	0.301804	1.64005	1.64005	0.376254	1.52185	1.52185	0.892705	0.939497	-1.0644	0.783084	1.13613	1.13613	0.8080839	2.737

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2 vs. N)	Fold-Change(2 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00712106	NRP1	0.6244	1.04968	1.04368	0.8567	0.92692	-1.08496	0.04548803	2.8112	2.8112	0.874718	1.07378	0.998252	1.00099	1.00099	0.706644	1.9598	1.18598	0.445289	1.4228	1.4228	0.28939	1.64232	1.64232	0.93348	0.96304	-1.03838	0.806985	2.60113	2.86513	1
ch.22.772318F	NAGA	0.62441	0.900896	0.867074	-1.1533	0.110094	0.13618	7.34322	0.101825	0.12869	-7.77064	0.918486	1.12434	1.12434	?	?	0.596887	0.542774	-1.84239	0.799825	0.747591	-1.13763	0.839758	0.793114	-1.26085	0.783193	0.729219	-1.37133	0.793295	14.6379	18.4521	1
cg10146330	TTLL8	0.624412	0.394378	1.82613	1.82613	0.779627	1.21365	1.21365	0.582778	0.681831	-1.46664	0.719145	0.779364	-1.2831	0.659476	0.736309	-1.35813	0.684095	0.75398	-1.32629	0.248598	2.29917	2.29917	0.105966	0.295557	-3.38344	0.983983	1.03195	1.03195	0.8069671	6.09028	6.70856	1
cg15394911	ZNF313;ZNF331	0.624419	0.940634	1.04158	1.04158	0.540334	0.712261	-1.40302	0.356137	1.68109	1.68109	0.170192	0.449563	-2.22438	0.849385	1.10965	1.10965	0.894184	1.07555	1.07555	0.134581	0.41357	-2.41797	0.66795	1.2664	1.2664	0.84636	1.11201	1.11201	0.8609756	3.82798	4.21665	1
cg15120925	RASAL1	0.624422	0.719608	1.10809	1.10809	0.798128	0.929626	-1.0757	0.263195	0.717412	-1.3939	0.98632	0.99511	-1.00489	0.476811	1.22871	1.22871	0.080124	1.73808	1.73808	0.723677	0.903871	-1.10435	0.918405	1.16682	1.16682	0.806952	1.03601	1.1412	1
cg24037916	WSB2	0.624705	0.872092	0.451937	-2.2127	0.601224	0.691538	-1.44605	0.200425	2.55149	2.55149	0.598828	0.688028	1.46644	0.401421	2.548428	-1.82339	0.845096	0.872128	-1.14662	0.504998	0.623041	-1.60503	0.487012	0.610121	-1.63878	0.183187	0.372388	-2.68536	0.806923	6.25214	6.88723	1
cg01312227	RPS4Y1;RPS4Y1	0.624445	0.135842	0.316694	-3.15762	0.926866	0.936433	-1.06788	0.844735	0.869127	-1.15058	0.649833	1.38675	1.38675	0.457533	0.58204	-1.7181	0.091269	0.264342	-3.78298	0.419874	0.554562	-1.80323	0.945724	0.952463	-1.04991	0.807987	0.912326	-1.0961	0.8069168	6.54023	7.20462	1
cg19114470	RPL9;RPL9;LIAS;LIAS	0.624448	0.493081	0.561606	-2.76544	0.769846	1.535329	1.535329	0.973108	0.951994	-1.09049	0.785563	0.603403	-1.65737	0.13886	1.03039	1.03039	0.647987	0.510838	-1.95761	0.186242	0.56297	-1.77546	0.472633	0.343872	-2.90806	0.389094	0.275327	-3.63205	0.806913	27.3899	30.0623	1
cg11231150	ANGPTL2;NAUP1	0.624451	0.445131	0.534973	-1.86925	0.215518	0.964606	-2.74268	0.806067	0.721035	-1.2676	0.553618	0.617704	-1.6189	0.767386	0.787823	-1.26932	0.363385	0.471888	-2.11914	0.113662	0.250613	-3.99022	0.114326	0.25136	-3.97835	0.759262	0.783044	-1.28204	0.806908	8.26047	9.09973	1
cg19200440	PPP1R10	0.624459	0.877067	1.05078	1.05078	0.645642	1.15967	1.15967	0.299281	1.43085	1.41085	0.190952	1.55745	1.55745	0.725192	0.89322	-1.11955	0.854723	1.0604	1.0604	0.744539	1.11028	1.11028	0.08759	1.82819	1.82819	0.647043	0.86286	-1.15884	0.8068396	1.30822	1.44116	1
cg04739435	POU2F3;POU2F3	0.624467	0.945887	1.05124	1.05124	0.566702	1.14692	1.14692	0.095227	1.09167	1.09167	0.093117	1.07173	1.07173	0.350529	1.34946	1.34946	0.514821	0.814856	-1.22751	0.215321	0.588157	1.70006	0.585733	0.588157	1.70006	0.224429	0.192882	2.75867	2.75867	0.8068444	6.92941	7.63365	1
cg24313249	GRTP1	0.624667	0.770291	0.865344	-1.15561	0.237048	0.542134	-1.84395	0.816391	0.891433	-1.12179	0.258473	0.558552	-1.79034	0.168454	0.484367	-2.06455	0.213869	0.523884	-1.90882	0.254473	0.556129	-1.79753	0.652708	1.25077	1.25077	0.870729	0.922442	-1.08408	0.8068384	3.11809	3.43499	1
cg00445807	RASSF1;RASSF1	0.624675	0.960893	1.02118	1.02118	0.299039	0.715849	-1.39694	0.353729	1.10359	1.10359	0.608888	1.17383	1.17383	0.513925	1.22824	1.22824	0.300499	1.39543	1.39543	0.193981	0.652588	-1.53236	0.810635	1.06879	1.06879	0.289446	1.40705	1.40705	0.8068827	1.21561	1.35792	1
cg13743500	KDM4C;KDM4C;KDM4C;KDM4C	0.624498	0.582817	0.672093	-1.48789	0.609577	1.4457	1.4457	0.204821	2.60737	2.60737	0.183063	1.89787	1.89787	0.485458	0.60186	-1.66152	0.747716	1.26008	1.26008	0.643859	1.1981	1.39581	0.307795	0.21314	0.21314	0.272557	0.441302	-2.26602	0.8068838	6.55671	7.2235	1
cg02322135	ANK2;ANK2;ANK2	0.624505	0.942371	1.03324	1.03324	0.432657	0.696195	-1.43638	0.801087	0.892583	-1.12034	0.363873	0.52499	1.52499	0.762955	0.872151	-1.14659	0.228935	1.77001	1.77001	0.175678	1.91782	1.91782	0.745574	0.15863	0.15863	0.234997	1.75577	1.75577	0.8068227	2.61335	2.87915	1
cg26062174	RICTOR	0.624518	0.431933	0.554156	-1.80455	0.444367	1.77719	1.77719	0.753288	0.792932	-1.26119	0.6909094	1.2236888	1.22368	0.447052	0.838353	-1.1924	0.592405	0.671504	-1.48851	0.855361	1.14373	1.14373	0.982372	0.983871	1.01639	0.631707	1.42678	1.42678	0.806822	0.92129	0.6253	1
cg03277652	PTK2;PTK2	0.624525	0.347868	0.824951	-1.21219	0.6634498	0.663662	-1.50679	0.884633	0.971508	-1.02933	0.761996	1.06234	1.06234	0.277765	0.798743	-1.25197	0.33764	0.835077	-1.19749	0.449537	0.857771	-1.16581	0.872226	0.968462	-1.03256	0.96735	1.00818	1.00818	0.8067997	0.5065101	0.5580838	1
cg11195082	CR1;CR1	0.624538	0.375575	0.811986	-1.23255	0.533518	0.868471	-1.15143	0.17656	1.37887	1.37887	0.988435	1.00325	1.00325	0.647851	0.892735	-1.12015	0.606059	0.690181	-1.44937	0.989703	0.997318	1.00289	0.918838	0.940041	1.06342	0.790818	1.06436	1.06436	0.8067777	0.6189965	0.703997	1
cg18004116	FZD5;FZD5	0.624554	0.434622	0.789896	-1.26599	0.870454	1.14893	1.14893	0.540766	0.824829	-1.21237	0.9814444	1.0969	1.0969	0.702902	1.08119	1.08119	0.915028	0.983838	-1.01654	0.41161	0.782001	-1.27877	0.595679	1.17368	1.17368	0.703985	0.7853	1.11838	1.23224	1
cg08285067	DENND3	0.624555	0.941025	1.01851	1.01851	0.189721	1.41099	1.41099	0.784034	1.07047	1.07047	0.925066	1.02359	1.02359	0.605512	0.87985	-1.13785	0.967569	1.01013	1.01013	0.0787892	1.62229	1.62229	0.5256	0.852634	-1.17284	0.963463	0.98871	-1.01142	0.8067751	0.7849888	0.86491	1
cg07240096	GPKOW	0.624563	0.181984	0.407017	-1.90493	0.833602	0.834205	-1.0875	0.237437	1.22262	1.22262	0.615565	0.49156	0.49156	0.779404	0.907351	-1.10243	0.210081	0.274002	-3.64995	0.116766	0.995753	1.00427	-1.01764	0.975641	0.970589	1.03057	0.936739	1.02128	1.15465	1
cg08306630	PDE4D;PDE4D	0.624582	0.676214	0.824679	-1.21259	0.483638	0.721296	-1.38639	0.554605	1.31561	1.31561	0.389861	1.48634	1.48634	0.196474	0.433121	-2.30883	0.551175	1.3882	1.31882	0.594822	0.781638	-1.27937	0.93304	0.962168	-1.03932	0.422409	0.68654	-1.45658	0.8067711	2.69111	2.96524	1
cg15857655	MICAL1;2	0.624595	0.280821	0.555006	-1.80178	0.437315	1.18482	1.18482	0.63133	1.1806	1.1806	0.733981	1.15373	1.15373	0.324006	0.785911	-1.27263	0.189845	0.148236	2.07371	0.0615384	0.139691	-7.19816	0.290534	0.307603	-3.25133	0.731573	-1.36692	-1.36692	0.8067958	0.3458	0.3458	1
cg19068644	OSBPL5;OSBPL5;OSBPL5	0.624605	0.574232	0.869557	-1.15001	0.340064	1.27391	1.27391	0.383002	1.24641	1.24641	0.796159	0.93825	-1.06581	0.886039	0.965307	-1.03594	0.40874	0.812174	-1.23126	0.157598	1.45073	1.45073	0.649496	0.893461	-1.11924	0.331476	1.2798	1.2798	0.8066676	0.7745274	0.853463	1
cg24495681	COL14A1	0.624613	0.967175	0.989014	-1.01111	0.132505	1.54613	1.54613	0.804847	0.936894	-1.06736	0.929296	0.976458	-1.02411	0.745138	1.0915	1.0915	0.152024	1.50818	1.50818	0.236877	1.39275	1.39275	0.494899	1.20448	1.20448	0.682412	0.895441	-1.11677	0.8066664	0.9206332	1.01447	1
cg08163785	FBXL1	0.624624	0.820173	1.09061	1.09061	0.444937	1.12515	1.12515	0.744317	1.27719	1.27719	0.753288	0.792932	1.28119	0.6090094	1.223688	1.44052	0.870573	1.14866	1.640132	0.14602	1.3874	1.709	0.214351	1.81747	1.81747	0.631467	1.24716	1.24716	0.8066828	2.66839	2.94044	1
cg17332023	TMCC2	0.624625	0.774388	0.852329	-1.17326	0.135274	2.44758	2.44758	0.103698	2.68933	2.68933	0.806724	0.8726	-1.146	0.865868	0.910293	-1.09855	0.884474	0.922349	-1.08419	0.499029	1.46453	1.46453	0.727996	1.21424	1.21424	0.693525	0.802358	-1.24633	0.8066447	3.94891	4.35152	1
cg01536096	RIIB8	0.624626	0.906328	0.844437	-1.15883	0.502107	0.878833	-1.14438	0.437303	1.60757	1.46757	0.107915	0.02316	0.598403	0.767952	-1.30178	0.76012	0.45062	0.689018	-1.45132	0.595901	0.633313	1.579	0.981857	0.984664	1.00797	0.533611	1.55653	1.55653	0.8066864	2.99079	3.30566	1
cg09654329	RGS12;RGS12;RGS12	0.624629	0.476022	1.57667	1.57667	0.916857	1.0678	1.0678	0.0659918	1.65403	1.65403	0.320108	1.90681	1.90683	0.187825	1.10588	1.10588	0.733274	1.23973	1.23973	0.188061	2.40208	2.40208	0.763281	1.20842	1.20842	0.362092	1.80135	1.80135	0.8066464	0.04245	0.55661	1
cg09653229	YIPX2	0.624667	0.689238	1.13254	1.13254	0.880654	1.04762	1.04762	0.627511	1.16347	1.16347	0.811656	1.07672	1.07672	0.128026	1.66439	1.66439	0.239941	1.46375	1.46375	0.0860692	1.79912	1.79912	0.464223	1.25944	1.25944	0.661033	1.1464	1.1464	0.8065884	1.22479	1.34976	1
cg04686559	SKP2;SKP2;LMBRD2	0.624687	0.787414	1.12741	1.12741	0.748731	1.10151	1.10151	0.634374	0.93097	-1.07415	0.842324	1.01151	1.01151	0.944608	1.00736	1.00736	0.150226	1.27402	1.27402	0.0176541	1.66469	1.66469	0.148672	1.03276	1.03276	0.806563	0.919443	0.952048	1.03248	1.0806	1
cg12528016	IFI6;IFI6;IFI6;IFI6;IFI6;IFI6	0.624699	0.240996	0.496042	-2.01596	0.834189	1.12719	1.12719	0.184552	0.447595	-2.23416	?	?	?	0.979434	1.01483	1.01483	0.661361	1.28629	1.28629	0.606575	1.34541	1.34541	0.297987	1.89953	1.89953	0.691865	1.2555	1.2555	0.7928453	1.54163	0.459294	1
cg27029518	CNDP2;CNDP2	0.624704	0.122838	0.295157	-3.38645	0.0208001	0.156515	0.816615	0.131241	0.588261	0.588261	0.848116	0.3981	2.71582	0.739955	1.13793	1.13793	0.260602	0.192644	-5.19189	0.0207351	0.0880756	11.3592	0.0196408	0.0758128	13.1826	0.0195445	0.0758128	13.1826	0.8066428	2.74505	3.02965	1
cg02011918	SLC4A11	0.624706	0.160112	0.802985	-1.24535	0.798032	1.0382	1.0382	0.625098	1.07465	1.07465	0.715687	0.947925	-1.05494	0.919135	1.01496	1.01496	0.737717	1.05036	1.05036	0.616982	1.07651	1.07651	0.216036	1.20967	1.20967	0.215704	1.20986	1.20986	0.8065225	0.2730037	0.30092	1
cg01003197	OPHN1 FAM36A;RHBDD3;EWSR1;EWSR1;EWSR1 ;EWSR1;EWSR1;EWSR1;EWSR1; EWSR1	0.624721	0.216207	0.104195	-9.5974	0.505476	0.311135	-3.21404	0.690537	0.503127	-1.99471	0.17018	12.7216	12.7216	0.80454	1.55362	1.55362	?	?	?	0.474241	3.51827	3.51827	0.876021	1.30893	1.30893	0.687672	2.00838	2.00838	0.796366	32.6242	35.8456	1
cg22605179	EWSR1	0.624719	0.437869	0.747515	-1.33777	0.372141	1.40066	1.40066	0.172822	0.586562	-1.70485	0.738083	1.13135	1.13135	0.764867	0.895564	-1.11662	0.366353	1.40673	1.40673	0.465098	0.760803	-1.3144	0.494167	0.774676	-1.29086	0.473453	1.30749	1.30749	0.8065205	1.72726	1.90369	1
cg02680694	KBKG;G6PD;G6PD;IKBKG;IKBKG;IKBKG	0.624723	0.154191	0.0516733	-19.3533	0.821501	0.644722	-1.55105	0.939082	0.863297	-1.15835	0.234118	11.2768	11.2768	0.343234	0.66315	0.66315	0.307756	0.128644	-7.77337	0.755505	1.83442	1.83442	0.937373	1.1752	1.1752	0.848275	0.689138	-1.45069	0.8064499	48.1918	51.115	1
cg10248148	RECQL4	0.624729	0.414559	0.801113	-1.11968	0.5056438	0.755783	-1.31313	0.139239	0.960292	-1.04158	0.766498	1.00172	1.00172	0.195483	0.830636	-1.2039	0.560582	0.923338	-1.08303	0.764474	0.963525	-1.03786	0.452055	0.96137	-1.10942	0.308873	0.866924	-1.1535	0.80649	0.234639	0.258612	1
cg22053861	LTBP3;LTBP3;LTBP3	0.624737	0.483305	1.21909	1.21909	0.211449	1.44237	1.44237	0.351888	0.766133	-1.30526	0.748059	1.09375	1.09375	0.256254	1.39135	1.39135	0.606711	0.865551	-1.15533	0.5316	1.19058	1.19058	0.224497	1.42589	1.42589	0.932382	0.976679	-1.02388	0.8064078	0.987635	1.08856	1
cg03868944	SH3PXD2B	0.624753	0.174159	0.272501	-3.66825	0.344317	0.610615	-1.63831	0.446854	0.73944	-1.35249	0.117931	0.54689	1.82766	0.0844111	1.77344	1.77344	0.537693	0.848388	-1.17841	0.400487	0.350628	-2.85354	0.0977	0.0977	-10.2311	0.0977	-10.2311	-10.2311	0.8064942	0.3458	0.3458	1
cg16993294	FMF1 CHCHD4;CHCHD4;CHCHD4;CHCHD4;T CF4	0.624767	0.60904	0.794806	-1.25817	0.155135	0.458	2.458	0.075099	3.22732	3.22732	0.420574	1.62649	1.62649	0.600249	1.36695	1.36695	0.8204	1.14388	1.14388	0.705728	1.25138	1.25138	0.447224	1.58081	1.58081	0.699634	1.25756	1.25756	0.806433	4.46323	4.91959	1
cg16463573	MEM43	0.624776	0.316928	1.58826	1.59826	0.32617	1.58309	0.583609	0.876363	1.07274	1.07274	?	?	?	0.216534	1.80583	1.80583	0.176111	1.92467	1.92467	0.0884811	0.813053	-1.22993	0.658203	0.818816	-1.12128	0.828044	1.03309	1.03309	0.796262	2.23149	2.45214	1
cg25804443	DLGAP1	0.624778	0.360024	0.56017	-1.78517	0.545017	1.45823	1.45823	0.121851	2.8086	2.8086	0.992598	0.994303	-1.00573	0.784737	0.844837	-1.18366	0.649724	0.754608	-1.32519	0.231901	0.462036	-2.16433	0.955323	1.0351	1.0351	0.604697	0.724997	-1.37932	0.8064413	4.84343	5.33879	1
cg17886654	STAMBPL1	0.624793	0.97624	1.00442	1.00442	0.875161	1.09592	1.09592	0.399963	1.09592	1.09592	0.199923	1.09647	1.09647	0.258507	1.08266	1.08266	0.923055	0.949417	-1.05284	0.594117	1.00394	1.00394	0.988484	0.996509	1.00394	0.988484	0.996509	0.402513	1.58231	1.58231	0.8064348	0.640209	0.4002599	1
cg18997433	DHX15	0.624806	0.989237	0.997219	-1.00279	0.247781	0.779193	-1.28338	0.215776	1.30866	1.30866	0.505354	1.14976	1.14976	0.523522	0.875034	-1.14281	0.779502	1.05967	1.05967	0.175071	0.742456	-1.34688	0.881718	0.969725	-1.03122	0.873284	0.967581	-1.03351	0.8063734	0.544496	0.600213	1
cg19735796	PTPN22;PTPN22;PTPRN2	0.624813	0.128832	0.295157	-3.38645	0.0208001	0.156515	0.816615	0.131241	0.588261	0.588261	0.848116	0.3981	2.71582	0.739955	1.13793	1.13793	0.260602	0.192644	-5.19189	0.0207351	0.0880756	11.3592	0.0196408	0.0758128	13.1826	0.0195445	0.0758128	13.1826	0.8066428	2.74505	3.02965	1
cg07921625	PCDH17	0.624821	0.963747	-1.0112	1.0112	1.08614	1.40993	1.40993	0.783783	0.935878	-1.06851	0.437725	1.24412	1.24412	0.204997	0.732627	-1.38787	0.707712	0.918188	-1.09671	0.380828	1.24648	1.24648	0.284251	0.964034	-1.03731	0.35055	1.26555	1.26555	0.8063449	0.7671924	0.8457273	1
cg26579171	GTPBP8;GTPBP8 FAM76A;FAM76A;FAM76A;FAM76A;FA M76A;FAM76A;FAM76A;FAM76A;FAM	0.624834	0.878998	0.952296	-1.05009	0.571582	1.19922	1.19922	0.543689	1.21799	1.21799	0.319416	1.39115	1.39115	0.0821455	0.539052	-1.85511	0.933413	0.973545	-1.02717	0.622745	0.852912	-1.17245	0.534937	1.22338	1.22338	0.981127	1.00762	1.00762	0.806332	1.31464	1.44924	1
cg06352483	76A;FAM76A	0.624836	0.401692	0.860949	-1.16151	0.543927	1.11371	1.11371	0.993324	1.00146	1.00146	0.150411	0.764229	-1.30851	0.727583	0.940821	-1.0629	0.513336	0.890802	-1.12258	0.348778	0.845133	-1.18325	0.413105	1.15715	1.15715	0.416224	1.15597	1.15597	0.806633	0.388581	0.428367	1
cg06317275	COL5A3	0.624836	0.251514	0.726099	-1.38754	0.192587	1.45796	1.45796	0.360514	0.773361	-1.29306	0.218181	0.701781	-1.42495	0.437608	0.805344	-1.24171	0.805993	0.934937	-1.06959	0.54415	0.845483	-1.18276	0.738703	0.912536	-1.09585	0.929559	0.976251	-1.02433	0.8063239	0.954585	1.05233	1
cg26516363	LIN54	0.624849	0.136941	0.776102	-1.28849	0.620862	1.08208	1.08208	0.981349	1.00371	1.00371	0.366343	0.86344	-1.15816	0.660063	0.91237	-1.07254	0.273118	1.19775	1.19775	0.470285	0.890289	-1.12323	0.477977	1.12091	1.12091	0.993436	0.998699	-1.0013	0.80631	0.319649	0.352386	1
cg17004553	CARS;CARS;CARS;CARS	0.624851	0.329753	1.64353	1.64353	0.464021	1.11585	1.11585	0.905681	0.939334	-1.06852	0.880113	1.39183	1.39183	0.0964	2.05405	-1.42557	0.71247	1.73247	1.73247	0.0703805	0.61964	0.61964	0.509741	1.49782	1.49782	0.302626	1.73585	1.73585	0.8063755	0.6896	0.6896	1
cg05710033	MIR124-1;LOC157627	0.624868	0.405841	1.18879	1.18879	0.469407	0.860992	-1.16145	0.980539	0.995052	-1.00497	0.784055	0.945672	-1.05745	0.203214	1.31407	1.31407	0.117855	1.41246	1.41246	0.553803	1.12792	1.12792	0.617406	0.902658	-1.10784	0.774124	1.06026	1.06026	0.8062801	0.5583043	0.582144	1
cg19862389	TBX4	0.624924	0.145407	0.294926	-3.39054	0.0452223	0.132434	0.824855	0.0892307	0.602807	0.602807	0.842311	0.64235	1.64235	0.485961	1.44165	1.44165	0.0795217	0.1166	0.1166	0.0213836	0.0870964	11.4864	0.0214904	0.0882482	11.4445	0.0214904	0.0882482	11.4445	0.8064402	2.213585	2.441289	1
cg14667273	VWA1;VWA1	0.624883	0.24116	0.394885	-2.53238	0.314971	0.455272	-2.19649	0.486397	0.585334	-1.70843	0.356805	0.487876	-2.0497	0.22788	0.383463	2.60781	0.210169	0.367873	-2.71833	0.174749	0.335184	-2.98344	0.233753	0.388541	-2.57373	0.362258	0.495132	-2.01966	0.8062558	1.32276	0.807325	1
cg01005536	RAB11FIP1;RAB11FP3	0.624887	0.436217	0.839361	-1.19138	0.324539	0.790982	-1.25144	0.56328	0.87913	-1.13749	0.935606	0.982343	-1.01797	0.461146	0.847553	-1.17987	0.708984	1.08634	1.08634	0.102762	1.48223	1.48223	0.922901	1.05066	1.05066	0.596614	0.888911	-1.12497	0.8062533	0.6206611	0.68422	1
cg08708209	DUSP10;DUSP10	0.624896	0.981993	1.00473	1.00473	0.924797	0.959552	-1.04252	0.742495	1.04999	1.04999	0.16937	0.916191	1.09237	0.12397	1.07009	1.07009	0.883867	1.17254	1.17254	0.147539	1.19482	1.19482	0.194842	0.479415	0.918907	1.08825	0.882139	0.741097	0.192054	1.57655	1.90437	1
cg19548500	NUBP2;SPAS1	0.624905	0.476257	0.839074	-1.19179	0.416616	0.817832	-1.22274	0.431668	0.823328	-1.21458	0.777521	0.933684	-1.07103	0.182902	0.710099	-1.40825	0.4198	1.18095	1.18095	0.0939456	0.640109	-1.56223	0.626658	0.888035	-1.12608	0.798643	0.939956	-1.06388	0.8062226	0.749221	0.826039	1
cg03194917	SPATA2L	0.624906	0.661499	0.870128	-1.14939	0.463819	1.1584	1.1584	0.354	0.93145	1.15185	0.327556	1.16466	1.16017	0.900147	0.981717	-1.01862	0.261757	0.841958	-1.18771	0.151576	0.976634	-1.02373	0.778729	0.959439	-1.04228	0.889914	1.02057	1.02057	0.8062209	0.275908	0.3045197	1
cg23188121	MED10	0.624917	0.500888	0.367337	-2.72229	0.230578	0.46215	0.385317	0.37099	0.703399	0.59875	2.17375	2.17375	?	?	?	0.222712	2.22712	?	?	?	0.330633	2.60821	2.60821	0.325111	2.63924	2.63924	0.778989	8.48551	10.893	1
cg15400075	C2orf52	0.624928	0.570927	1.7249	1.7249	0.979155	1.02514	1.02514	0.93356	1.08247	1.08247	?	?	?	0.0973262	5.7803	5.7803	0.444989	2.100556	2.100556	?	?	?	0.330633	2.60821	2.60821	0.325111	2.63924	2.63924	0.778989	8.48551	10.893	1
cg24585803	TAF9B	0.62869	0.27668	0.73473	-1.36107	0.242583	0.806035	-1.24075	0.134532	0.765	-1.30699	0.276468	0.486023	2.06115	0.06115	0.263845	3.79176	0.109164	0.167814	-5.95897	0.686601	0.660711	-1.51352	0.94319	1.07554	1.07554	0.84032	0.870311	-1.14901	0.80619	13.33	14.6974	1
cg01258499	PDRG1	0.624933	0.939797	1.01258	1.01258	0.886136	1.00288	1.00288	0.676547	1.07188	1.07188	0.293971	1.19731	1.19731	0.346387	1.12398	1.12398	0.683689	1.07012	1.07012	0.1488	0.773998	-1.29199	0.341389	0.816366	-1.22494

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	Ratio(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-111TN)	Ratio(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-112TN)	Ratio(112T vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-121TN)	Ratio(121T vs. N)	p-value(1347 vs. N)	Fold-Change(1-vs-134TN)	Ratio(134T vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-147TN)	Ratio(147T vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-537TN)	Ratio(537T vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-563TN)	Ratio(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg21516478	GPX3	0.625384	0.087825	0.682257	-1.46358	0.842902	0.96068	-1.04093	0.960859	0.990128	-1.00997	0.717445	1.07624	1.07624	0.6582	1.09418	1.09418	0.933152	1.01757	1.01757	0.280097	0.796929	-1.25482	0.331428	0.816617	-1.22456	0.553479	1.12883	1.12883	0.805507	0.524401	0.575374	1
cg20883449	ZNF630	0.625394	0.181708	0.282342	-3.54181	0.816016	1.23111	1.23111	0.754621	0.756016	-1.32272	0.122933	4.44108	4.44108	0.135316	1.18219	1.18219	0.3059	0.388416	2.57456	0.910756	1.09738	1.09738	0.980536	1.022	1.022	0.904408	1.11313	1.11313	0.805491	0.10518	11.2029	1
cg27059389	XK96	0.625404	0.512537	1.70523	1.70523	0.700712	1.36388	1.36388	0.63801	0.683321	-1.46344	0.437823	0.529436	-1.8868	0.790708	1.23829	1.23829	0.10619	4.12781	4.12781	0.296164	0.418773	-2.38793	0.830268	0.841565	-1.18826	0.597068	0.651376	-1.53521	0.805476	8.23681	9.08979	1
cg17477946	TBC0	0.625405	0.60566	1.20993	1.20993	0.747324	0.888462	-1.12555	0.114024	0.533091	-1.87585	0.197951	1.64525	1.64525	0.894878	1.04956	1.04956	0.5891	1.819315	1.22805	0.91879	0.963372	-1.03802	0.824354	1.08474	1.08474	0.426098	0.742773	-1.34631	0.805474	1.70792	1.88479	1
cg15809858	PPARGC1B	0.625424	0.968011	1.02164	1.02164	0.690027	0.807369	-1.23859	0.92057	0.951021	-1.05115	0.652891	0.785336	-1.27334	0.603866	0.756246	-1.32232	0.6884	1.806403	-1.24007	0.0852104	0.276138	2.76138	0.371799	1.63141	1.63141	0.314665	0.742734	1.74235	0.805445	3.63426	4.01077	1
cg14143416	TBC1D4	0.625443	0.215403	0.755486	-1.32455	0.762745	1.06727	1.06727	0.46316	0.815646	-1.17419	0.718892	1.08082	1.08082	0.402265	0.831661	-1.20241	0.1725	2.573148	0.773505	-1.29365	0.220892	1.31873	1.31873	0.651331	0.900807	-1.10277	0.88788	0.996739	-1.00327	0.805417	0.589832	0.650961	1
cg08737347	ANAPC7;ANAPC7	0.625452	0.663359	1.24295	1.24295	0.205105	1.95183	1.95183	0.885523	0.931019	-1.07409	0.440868	1.4786	1.4786	0.816182	1.12249	1.12249	0.173058	2.06723	2.06723	0.331725	0.60702	-1.64739	0.495681	1.41057	1.41057	0.320588	1.66812	1.66812	0.808732	3.08609	2.96797	1
cg24691890	SYNC;SYNC	0.625457	0.840977	1.10276	1.10276	0.516316	0.72801	-1.37361	0.300041	0.595462	-1.67875	0.450296	1.79766	1.79766	0.852186	0.919952	-1.08415	0.199001	2.15582	2.15582	0.881733	0.930703	-1.07445	0.87658	1.07785	1.07785	0.52367	0.732168	-1.36581	0.805403	2.96806	3.27572	1
cg06780080	SCHIP1	0.625474	0.601187	1.32046	1.32046	0.565338	0.736133	-1.35845	0.809872	1.13547	-1.13547	0.409013	0.5663	1.76583	0.503687	0.616124	-1.62305	0.461619	0.673662	-1.48443	0.109145	0.251137	2.51137	0.645591	1.27261	1.27261	0.572986	1.35014	1.35014	0.805371	3.54377	3.91126	1
cg00062038	PIP4K2A	0.625477	0.798245	1.08391	1.08391	0.259332	1.44797	1.44797	0.590884	0.845912	-1.18216	0.149308	1.62644	1.62644	0.620371	1.17007	1.17007	0.553421	1.20754	1.20754	0.286705	1.41624	1.41624	0.989906	1.00399	1.00399	0.156885	1.61006	1.61006	0.805367	1.26214	1.39303	1
cg09307234	TMEM205;TMEM205;TMEM205	0.625504	0.236284	0.527246	-1.89665	0.958442	0.97481	-1.02594	0.580701	1.33222	1.33222	0.89239	1.07231	1.07231	0.849407	1.02844	1.02844	0.373734	1.624439	1.624439	0.344444	1.382603	0.63013	-1.58697	0.963205	0.963205	0.896126	0.933513	0.933513	-1.07122	0.805362	0.993513	0.997422	1
cg17156531	ATF3;ATF3;ATF3	0.625506	0.881762	0.953931	-1.04829	0.156204	0.618356	-1.61719	0.238766	0.676387	-1.47844	0.734355	0.897687	-1.11397	0.235091	0.674113	1.48343	0.509869	0.809089	-1.23596	0.361606	1.34605	0.805498	1.08132	0.98132	0.526832	0.816115	1.22532	0.805323	1.2808	1.41371	1
cg01508817	TSPYL6;ACP91 CAMKK2;CAMKK2;CAMKK2;CAMKK2;CA MKK2	0.625511	0.1085	0.399257	-2.50465	0.183245	0.476855	-2.09707	0.348114	0.602538	-1.65965	0.916581	0.946537	-1.05648	0.819408	0.886984	-1.12742	0.924878	0.951743	-1.0507	0.806516	1.13734	1.13734	0.744434	0.842363	-1.18714	0.191756	0.484453	-2.06418	0.805315	3.50783	3.87187	1
cg03865604	MKK2;CAMKK2;CAMKK2	0.625518	0.215812	0.304663	-3.28231	0.242317	0.30511	0.05411	0.354111	0.672393	2.83021	2.83021	0.827186	1.22077	1.22077	0.496294	0.532537	-1.8778	0.727962	0.72716	-1.37521	0.425888	0.476226	-2.09984	0.535559	0.56415	-1.77258	0.83908	0.830674	-1.20384	0.805305	0.10175	11.7195	1
cg14389418	CDR4A1	0.625524	0.902264	0.97101	-1.03001	0.268408	0.88561	-1.12916	0.399962	0.736229	1.36328	1.36328	0.823801	1.05573	0.615373	0.436197	0.820077	1.2194	0.991058	0.972006	0.204848	0.716971	-1.39476	0.247192	0.25275	-3.95725	0.601513	1.14062	1.14062	0.805268	0.795242	0.877822	1
cg10401741	DLGAP4	0.625548	0.987669	0.996396	-1.00362	0.553679	1.15023	1.15023	0.954002	0.986615	-1.01357	0.301203	1.28434	1.28434	0.906442	1.02785	1.02785	0.779832	0.93663	-1.06766	0.0512911	1.67941	1.67941	0.376594	1.23611	1.23611	0.769545	1.07104	1.07104	0.80526	0.696018	0.768302	1
cg09446514	PTN;PTN	0.625563	0.823591	0.927616	-1.07803	0.614211	1.18626	1.18626	0.118189	0.566747	-1.76842	0.240512	1.51128	1.51128	0.557341	1.02814	1.02814	0.99175	0.996534	-1.00348	0.666101	0.864111	-1.15699	0.211778	0.824932	-1.55537	0.765737	0.904532	1.10554	0.805239	1.43804	1.58743	1
cg24655336	GPBP1	0.625564	0.687007	0.896071	-1.11598	0.463842	1.22384	1.22384	0.799952	0.933519	-1.07122	0.266135	1.36877	1.36877	0.140412	1.53675	1.53675	0.852529	1.05171	1.05171	0.26991	0.729236	-1.36512	0.542425	1.18182	1.18182	0.624762	1.14288	1.14288	0.805236	0.90835	1.03329	1
cg00023469	TMEM132A;TMEM132A	0.625573	0.932887	0.981538	-1.01893	0.192104	1.35727	1.35727	0.165591	0.38703	-2.58403	0.180702	1.02773	1.02773	0.928836	1.2367	1.2367	0.446639	1.1926	1.1926	0.446583	1.1003	1.18775	1.18775	0.594699	1.14772	1.14772	0.812228	0.844787	0.842222	0.90416	0.680976	1
cg16443285	RFTN1	0.625574	0.223812	0.459494	-2.1763	0.630049	1.34354	1.34354	0.645509	0.754393	-1.32557	0.228922	2.15605	2.15605	0.431485	1.62992	1.62992	0.22968	1.464447	-2.1531	0.652649	1.31743	1.31743	0.925701	0.944825	-1.0584	0.951231	0.963467	-1.03792	0.805221	4.72166	5.21227	1
cg06695286	PRICKLE1	0.625576	0.413148	0.536337	-1.8645	0.888728	0.247065	-4.04752	0.50409	0.603621	-1.65667	0.526601	1.61241	1.61241	0.562729	0.646787	-1.54611	0.91704	1.06059	1.06059	0.732311	1.29132	0.458923	1.75337	1.75337	0.685498	1.35413	1.35413	0.805218	0.705191	0.87208	0.710971	1
cg16565002	RBMS3;RBMS3;RBMS3	0.625581	0.342244	0.814198	-1.22814	0.844669	1.19384	1.19384	0.374765	0.576898	-1.73409	0.454762	1.60787	1.60787	0.624202	1.07438	1.07438	0.47202	0.555534	-1.79931	0.405011	0.438357	2.28235	0.707045	1.722462	-1.38416	0.718817	0.720757	-1.38743	0.805212	1.40307	1.54772	1
cg23242944	GFAP;GFAP	0.625582	0.465717	0.639148	-1.56458	0.368081	0.572665	-1.74622	0.916197	1.06557	1.06557	0.896303	0.924387	-1.0818	0.296525	0.520672	-1.92059	0.12049	0.362236	-2.76063	0.328394	0.544294	-1.83724	0.14433	0.388458	-2.57428	0.954327	0.966054	-1.03514	0.805209	4.63648	5.11831	1
cg00784554	SSU72	0.625583	0.333645	0.468774	-2.13327	0.630049	0.649353	-1.54019	0.659408	0.840866	-1.18925	0.222881	0.646618	0.646618	0.337262	0.471864	-2.11959	0.32111	0.546496	-1.82996	0.196705	0.439852	-2.39934	0.507002	0.473586	-2.11301	0.404801	0.705401	1.41821	0.805203	7.36113	8.12621	1
cg10878170	CREBL2	0.625591	0.118511	0.2538	2.2538	0.916419	0.105163	0.165163	0.68469	1.21624	1.21624	0.784705	1.20019	1.20019	0.917073	0.924563	-1.08159	0.463823	0.699394	-1.42981	0.298418	0.596404	-1.67672	0.289208	1.69476	1.69476	0.622584	1.26857	1.26857	0.805197	0.93224	3.23702	1
cg02291224	PAQR5	0.625598	0.823132	1.15848	1.15848	0.937042	0.950118	-1.0525	0.533123	0.660463	-1.51409	0.503772	0.640284	-1.56181	0.649782	0.256215	-3.90297	0.614288	1.39645	1.39645	0.293132	0.488524	-2.04698	0.763392	1.21944	1.21944	0.590157	0.699551	-1.42949	0.805185	5.50681	6.07928	1
cg08362686	ADAMTSL4;ADAMTSL4	0.625626	0.922635	0.971258	1.02964	0.789	0.994154	-1.0275	0.527173	0.749362	-1.33455	0.397139	0.743536	-1.34509	0.212122	0.800584	-1.24953	0.441924	1.07301	1.07301	0.796232	0.914824	-1.09328	0.622131	1.00196	1.00196	0.662322	0.998101	0.998101	-1.00196	0.805183	0.00001	0.000001	1
cg01544977	TMEM206	0.6256	0.486277	1.1701	1.1701	0.432534	0.19466	1.19466	0.361398	1.23163	1.23163	0.592955	0.887082	-1.12709	0.274006	1.28758	1.28758	0.884541	0.982049	-1.03279	0.372266	0.815941	-1.22558	0.707713	1.08723	1.08723	0.151689	1.40646	1.40646	0.805182	0.628808	0.69418	1
cg06969521	PBX#1	0.625602	0.647219	0.6432	-1.55473	0.906575	0.004169	-1.07342	0.222745	0.46155	-2.16661	0.768126	1.19531	1.19531	0.951386	1.07766	1.07766	0.279974	-1.57175	0.635966	-1.57175	0.888444	1.08839	1.08839	0.527652	0.679661	-1.47132	0.728202	0.810153	-1.23433	0.805726	0.644374	0.51262	1
cg20520748	CYBASC3;TMEM138 CYBASC3;CYBASC3;CYBASC3;TMEM138	0.625608	0.0890243	1.41166	1.41166	0.0105	0.683349	-1.12006	0.760608	0.91271	-1.07214	0.605258	1.13232	1.13232	0.515447	1.2083	1.2083	0.654444	1.08634	1.08634	0.384425	0.764302	-1.03702	0.804315	1.21502	1.21502	0.974544	1.00588	1.00588	0.80517	0.42088	0.477682	1
cg03568782	EIF5;EIF5	0.625615	0.356768	1.26122	-2.79156	0.405934	0.497389	2.49788	7	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.707412	4.79836	6.75141	1
cg25030832	NEU4;NEU4;NEU4;NEU4;NEU4	0.625629	0.441198	0.638196	-1.56692	0.621524	0.75234	-1.32919	0.758992	0.83864	-1.19241	0.932588	0.952773	-1.04957	0.168076	0.431693	-2.31646	0.249211	0.502234	-1.9911	0.374967	0.594094	-1.68323	0.105939	0.364294	-2.74504	0.749994	1.20059	1.20059	0.805138	4.16973	4.60347	1
cg26175428	KCNQ3	0.625657	0.158753	0.648603	-1.54178	0.0966	0.689818	-1.44945	0.641073	0.780511	-1.28165	0.616819	0.751432	-1.33135	0.120268	0.423101	-2.36389	0.482703	0.68332	-1.46348	0.153871	0.716086	-1.39658	0.131876	0.744888	-1.34264	0.0164541	0.948555	1.05424	0.805137	2.38242	2.56635	1
cg24443629	TRIM26	0.625646	0.708599	0.919457	-1.0876	0.629118	1.14585	1.14585	0.593795	1.01304	1.01304	0.915001	1.02417	1.02417	0.775519	0.938054	-1.06604	0.091230	0.515596	-1.51996	0.232073	1.32356	0.358291	2.80954	-1.23526	0.851969	1.04267	1.04267	0.805113	0.637901	0.704278	1
cg17593391	RRAGC	0.625647	0.726721	0.902851	-1.1076	0.483382	0.812839	-1.23026	0.457405	1.2466	1.2466	0.769624	0.91802	-1.0893	0.219661	1.45636	1.45636	0.793188	0.926326	-1.07953	0.791527	0.925741	-1.08022	0.178417	1.51654	1.51654	0.253867	1.41489	1.41489	0.805111	1.08175	1.19432	1
cg01392518	?	0.625657	0.441921	2.08965	2.08965	0.147785	0.678434	-1.47429	0.75724	1.32524	1.32524	0.75724	1.47792	1.47792	0.373874	2.68838	2.68838	0.798285	0.74848	-1.33604	0.769159	1.39502	1.39502	0.476078	2.26761	2.26761	0.092492	1.82156	1.82156	0.805097	16.3178	18.0161	1
cg22533140	PRDX3;PRDX3	0.62566	0.121578	0.261761	-3.82038	0.804973	0.820727	-1.21843	0.231801	0.367326	-2.72238	?	?	?	?	0.823224	0.83637	-1.19564	0.987665	0.98773	-1.01242	?	?	?	0.581839	1.5592	1.5592	0.697122	1.36663	1.36663	0.71615	0.6816	8.97811	1
cg27016186	MLPH;MLPH	0.625657	0.52477	0.748007	-1.33635	0.744669	1.34617	1.34617	0.24129	0.344229	2.90731	2.90731	0.564742	1.77091	0.59545	0.678034	-1.47469	0.47202	0.555534	-1.79931	0.405011	0.438357	-2.28235	0.707045	1.722462	-1.38416	0.718817	0.720757	-1.38743	0.805212	1.40307	1.54772	1
cg09702698	RCVRN	0.625678	0.510058	0.878485	-1.13832	0.526517	1.13249	1.13249	0.36741	1.19664	1.19664	0.29214	0.809034	-1.23604	0.742366	0.938045	-1.06605	0.812941	1.04703	1.04703	0.398518	1.18245	1.18245	0.179035	1.31885	1.31885	0.407416	1.17858	1.17858	0.805065	0.479313	0.529219	1
cg04430055	ABCC3	0.625679	0.925018	1.03387	1.03387	0.66086	0.916556	-1.09213	0.668622	0.869609	-1.14997	0.489106	1.07234	1.07234	0.474642	1.31544	1.31544	0.413468	0.732749	-1.3646	0.374896	0.79735	1.09755	0.899417	0.525535	-1.90282	0.806064	1.50495	1.50495	0.805061	7.36113	8.12621	1
cg16712639	EIF2S3	0.625681	0.343118	0.21847	0.21847	0.567184	0.659732	0.51577	0.703049	1.31709	1.31709	0.70459	1.47162	1.47162	0.937294	1.42156	1.42156	0.280698	0.12483	-4.02691	0.816019	0.845691	-1.18247	0.952304	0.7534	-1.32712	0.65185	1.38628	1.38628	0.8056	0.59359	0.73816	1
cg09473756	USP7	0.625681	0.514054	0.883096	-1.13238	0.638816	0.915015	-1.09288	0.688672	0.927126	-1.0786	0.769561	0.946307	-1.05674	0.472783	0.871802	-1.14705	0.673429	1.08289	1.08289	0.384434	1.18239	1.18239	0.091729	1.42027	1.42027	0.589987	1.10761	1.10761	0.80506	0.450033	0.496894	1
cg09926738	SHSH02A	0.625687	0.265384	0.724155	-1.38104	0.49678	0.720622	1.38706	0.634947	0.74676	-1.33896	0.476	0.749676	-1.33356	0.268833	0.878664	-1.13816	0.672213	1.52702	1.52028	0.69934	1.14026	-1.45263	0.695029	1.10035	1.10035	0.844907	1.03357	1.03357	0.680684	0.70544	1.41756	0.805052	0.06608	0.0102	1
cg20755651	SMOC2;SMOC2	0.625689	0.352537	0.706625	-1.41518	0.382008	0.722675	-1.38375	0.853404	0.935063	-1.06945	0.986127	1.00633	1.00633	0.881225	0.947175	-1.05577	0.648535	0.846562	-1.18125	0.0902858	1.9691	1.9691	0.429338	1.34024	1.34024	0.927945	1.03338	1.03338	0.805048	1.67994	1.85489	1
cg05798501	NOD1	0.625691	0.483796	1.69626	1.69626	0.0674517	4.57953	4.57953	0.729776	1.29569	1.29569	0.855624	1.14384	1.14384	0.385403	1.51644	1.51644	0.516431	-1.93637	1.79944	0.0148777	0.3049	3.27987	0.432088	1.81375	1.81375	0.519193	1.60024	1.60024	0.806931	0.908246	-1.10302	0.805031	7.03085	7.76324	1
cg24488158	WDR63;WDR63	0.625701	0.227949	0.71455	-1.39945	0.4133	0.7	1.42857	0.686356	1	1.00601	0.715638	1.00601	1.00601	0.715638	0.63508	-1.57436	0.492024	1.55675	1.55675	0.643106	0.7301908	1.96156	1.96156	0.509776	-1.96156	0.78	-1.28205	0.987975	-1.01239	0.805027	-1.24355	0.805031	5.12877	5.63012	1
cg14304702	YAP1;YAP1	0.625702	0.34175	0.526746	-1.89945	0.098444	0.305489	-3.27344	0.367178	0.545437	-1.83339	0.7454	0.807996	-1.23763	0.1517	0.366031	-2.73201	0.39811	0.56772	-1.76143	0.56932	0.6867372	1.45694	0.338473	0.524327	-1.90721	0.943849	0.7417	1.34857	0.805028	5.45922	6.02791	1
cg20984551	CDH20	0.625723	0.914723	1.01493	1.01493	0.884266	0.975955	-1.02465	0.789597	0.931837	-1.0586	0.621889	0.970731	0.970731	0.886	1.02888	1.02888	0.660537	1.32992	1.32992	0.445645	0.910488	-1.09831	0.615301	1.22891	1.22891	0.702716	1.83067	1.83067	0.805026	2.82464	3.12912	1
cg11902062	INCENP;INCENP	0.625704	0.194063	0.764153	-1.30864	0.606646	0.903323	-1.10702	0.651196	0.914753	-1.09319	0.601308	0.901935	-1.10873	0.458553	0.862634	-1.15924	0.386541	1.18979	1.18979	0.400786	1.18338	1.18338	0.447546	0.859378	-1.16363	0.221727	0.777678	-1.28588	0.805025	0.488665	0.539572	1
cg26505082	ENOSF1;ENOSF1;ENOSF1	0.625705	0.132422	0.517484	-1.93241	0.413386	0.39824	-2.51098	0.463166	0.688208	-1.45267	0.836815	-1.19501	0.231956	0.604798	-1.65344	0.604798	0.44585	0.752857	-1.32827	0.553242	0.85146	1.0247	1.0247	1.0247	0.179659	1.49449	1.14549	1.14549	0.805024	1.04889	2.26234	1
cg11118665	TCF5	0.625715	0.570117	0.925713	-1.08025	0.885123	0.980744	-1.01963	0.193023	1.20355	1.20355	0.643885	0.93931	-1.06461	0.527011	0.917405	-1.09003	0.582462	0.928039	-1.07737	0.826745	0.855572	-1.16881	0.212055	0.837946	-1.19339	0.805009	0.230638	0.25467	1
cg23780491	C11orf41	0.625718	0.578964	0.872685	-1.14589	0.907101	0.972036	-1.02877	0.745764	0.924003	-1.08225	0.700653	1.09839	1.09839	0.945612	0.953741	-1.0485	0.301919	0.771178	-1.29672	0.0771386	1.61199	1.61199	0.875907	1.0387	1.0387	0.492793	0.844312	-1.1844	0.804944	0.752494	0.83097	1
cg15619820	PRDM16;PRDM16	0.625769	0.400407	0.831715	-1.20282	0.672085	0.713134	-1.40236	0.625254	0.78438	-1.27486	0.615192	0.970258	-1.03057	0.881532	1.13455	1.13455	0.635605	1.46361	1.46361	0.183531	1.30008	-1.69183	0.273915	1.30008	-1.69183	0.273915	0.226494	-4.41513	0.634802	0.440467	0.472082	0.805004	0.26289	0.21522	1
cg09601629	CCDC105	0.625769	0.729393	1.25568	1.25568	0.850111	0.883649	-1.13167	0.452356	0.605356	-1.65192	0.472358	0.614831	1.61483	0.649761	1.34947	1.34947	0.506348	1.55588	1.55588	0.326473	0.5147	-1.94288	0.127182	2.949	2.949	0.360775	1.8514	1.8514	0.804928	5.47945	6.051	1
cg10530171	TSPAN6	0.625775	0.979379	0.996555	-1.00346	0.975209	1.00225	1.00225	0.992308	1.01288	1.01288	0.992308	1.13283	1.13283	0.766744	1.36307	1.36307	0.906474	1.03118	1.03118	0.840106	0.728096	-1.37345	0.724334	1.12434	1.12434	0.513744	0.949162	1.05405	0.804915	0.28209	0.33427	1
cg16509658	GABRB2;GABRB2	0.625784	0.775117	0.876275	-1.1412	0.477669	0.716842	-1.39501	0.220509	1.81115	1.81115	0.711165	0.842393	-1.18709	0.808613	1.1184	1.1184	0.767615	1.14642	1.14642	0.165737	1.9771	1.9771	0.178702	1.93246	1.93246	0.934999	1.03833	1.03833	0.804902	2.71058	2.99341	1
cg20877443	AP2A2	0.625788	0.378506	0.143629	0.143629	0.228191	1.66003	1.66003	0.348126	1.47268	1.47268	0.314805	0.67127	-1.48971	0.844846	1.08168	1.08168	0.809428	1.10166	1.10166	0.721052	1.1545	1.1545	0.323138	1.95286	1.95286	0.681192	1.18003	1.18003	0.8049	2.04699	2.26059	1
cg20075394	MTMR14;MTMR14;MTMR14	0.625793	0.827482	1.0595	1.0595	0.758473	1.20688	1.20688	0.853655	1.02626	1.02626	0.885365	1.12652	1.12652	0.678611	1.66488	1.66488	0.175275	2.08404	2.08404	0.0677	1.11477	1.10689	0.738738	1.10689	0.738738	0.894892	0.901612	0.901612	0.805703	0.95703	1.06298	1
cg22433647	ARHGEF10L;ARHGEF10L	0.625803	0.814407	0.878442	-1.13838	0.173342	0.22217	2.22217	0.0816266	2.89698	2.89698	0.850405	0.901169	-1.10967	0.610038	0.753132	-1.32779	0.822909	1.1315	1.1315	0.560678	1.383	1.383	0.880249	0.920269	-1.08664	0.896228	0.930605	-1.07457	0.804877	3.87226	4.27645	1
cg12290779	C10orf55	0.625809	0.15686	0.407652	-2.45307	0.972757	1.02044	1.02044	0.929784	1.89556	1.89556	0.485465	1.52204	1.52204	0.567761	1.02424	1.02424	0.479053	1.1032	1.1032	0.915394	1.15996	0.86205	-1.16024	0.554047	1.15996	0.873845	0.909582	-1.09941	0.804868	4.47408	4.94433	1
cg13118665	TCF5	0.625815	0.570117	0.925713	-1.08025	0.885123	0.980744	-1.01963	0.193023	1.20355	1.20355	0.643885	0.93931	-1.06461	0.527011	0.917405	-1.09003	0.582462	0.928039	-1.07737	0.826745	0.855572	-1.16881	0.212055	0.837946	-1.19339	0.805009	0.230638	0.25467	1
cg23780491	C11orf41	0.625818	0.578964	0.872685	-1.14589	0.907101	0.972036	-1.02877	0.745764	0.924003	-1.08225	0.700653	1.09839	1.09839	0.945612	0.953741	-1.0485	0.301919	0.771178	-1.29672	0.0771386	1.61199	1.61199	0.875907	1.0387	1.0387	0.492793	0.844312	-1.1844	0.804944	0.752494	0.83097	1
cg16509658	GABRB2;GABRB2	0.625784	0.775117	0.876275	-1.1412	0.477669	0.716842	-1.39501	0.220509	1.81115	1.81115	0.711165	0.842393	-1.18709	0.808613	1.1184	1.1184	0.767615	1.14642	1.14642	0.165737	1.9771	1.9771	0.178702	1.93246	1.93246	0.934999	1.03833	1.03833	0.804902	2.71058	2.99341	1
cg20877443	AP2A2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105T 057 vs. N)	Fold-Change(105T vs. N)	Ratio(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T 637 vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg00445806	TEAD1	0.626457	0.8252	-1.19732	0.390043	1.37736	1.37736	0.957629	0.980873	-1.0195	0.961327	1.01778	1.01778	0.947957	1.18188	1.18188	0.205283	1.62543	1.62543	0.0712344	2.18016	2.18016	0.9179447	0.963191	-1.03822	0.8748436	1.105897	1.058097	0.803095	1.68242	1.86017	1
cg26188818	SLC2A1	0.626425	0.678167	0.9385139	-1.06549	2.318555	1.20998	1.20998	0.904602	1.01839	0.911275	0.9833369	-1.01691	0.922558	0.9853333	-1.01489	0.781087	0.958538	-1.04326	0.0625907	0.7272215	-1.3751	0.787189	0.959704	-1.04199	0.964852	0.993324	-1.00672	0.803944	0.2941911	0.3252576	1
cg19328583	SLC5A10;SLC5A10;FAM83G	0.626451	0.325719	0.41774	-2.39383	0.1902272	3.29764	3.29764	0.4315141	1.994842	1.994842	0.6395372	1.50046	1.50046	0.40234	0.478421	-2.09021	0.804769	0.808125	-1.23743	0.8544688	0.8544105	-1.17082	0.4437361	0.505852	-1.97686	0.3442206	0.432517	-2.31205	0.8039905	9.42125	10.4172	1
cg17954165	BUB3;BUB3	0.626463	0.7705303	1.16647	1.6563447	0.8533864	0.950444	-1.05214	0.30274	1.34085	1.34085	0.2420559	1.784334	-1.39991	0.252679	1.38853	1.38853	0.608885	1.15326	1.15326	0.395652	0.7874413	-1.26998	0.36201	1.293593	1.293593	0.9437137	0.980788	-1.01959	0.803883	0.961059	1.06269	1
cg04578520	PCYT1A	0.626467	0.186516	1.4294	1.4294	0.66631	0.895226	-1.11704	0.614869	0.878601	-1.13837	0.401763	1.24475	0.534065	0.5300369	1.17618	1.17618	0.494458	0.837778	-1.11963	0.9407172	1.01916	0.97133	0.990873	-1.00921	0.1383002	1.502545	1.50245	0.80388	0.828634	0.93626	1
cg25832410	PI2D4	0.626473	0.209579	0.149115	-6.76023	0.4934419	0.367552	-2.7207	0.887109	1.2268	1.2268	0.147594	0.35451	0.95451	0.779364	-1.66754	-1.49804	0.243061	0.172408	-5.8002	0.996918	1.00557	1.00557	0.863821	1.28493	1.28493	0.850835	0.761562	-1.31309	0.803875	26.3648	29.153	1
cg18226868	GABPB1;GABPB1-AS1;GABPB1;LOC101293187;GABPB1;GABPB1;LOC101293187;GABPB1;GABPB1;LOC101293187;GABPB1;GABPB1;LOC101293187;GABPB1;GABPB1;LO	0.626487	0.339195	0.846597	-1.1812	0.336948	1.18217	1.18217	0.560994	1.10448	1.10448	0.623343	1.08728	1.08728	0.630419	0.921317	-1.0854	0.683368	1.07178	1.07178	0.916029	0.982329	-1.01799	0.12466	0.755014	-1.32448	0.5330444	1.112263	1.11263	0.8038851	0.3638816	0.402303	1
cg17301053	RPS6KA2;RPS6KA2	0.626492	0.768239	1.10274	1.10274	0.391692	1.33702	1.33702	0.218025	1.5355	1.5355	0.46015	1.25026	1.25026	0.1594506	1.66431	1.66431	0.470485	1.27505	1.27505	0.102335	1.80704	1.80704	0.367736	1.35828	1.35828	0.542832	1.22614	1.22614	0.803843	1.39455	1.54209	1
cg13199429	RHOJ	0.626494	0.390018	0.73805	-1.35492	0.685542	0.869033	-1.1507	0.525102	0.800859	-1.24866	0.792833	1.09501	1.09501	0.24125	0.655066	-1.52656	0.752638	0.896706	-1.11519	0.10704	0.5451561	-1.83434	0.319662	0.701439	-1.42564	0.4896441	1.27381	1.27381	0.8038441	1.51388	1.67406	1
cg03831642	SHSPH2A	0.626495	0.950467	0.978269	1.0221703	0.884808	0.678032	-1.46486	0.5137495	1.24708	1.24708	0.397474	0.7963685	1.25654	0.3628577	0.781665	-1.39205	0.450934	0.76496	-1.30726	0.889034	1.05061	1.05061	0.454827	0.765584	-1.30619	0.1808998	1.65271	1.65271	0.8038439	1.59236	1.76083	1
cg21146374	TMEM132C	0.626495	0.488757	0.721739	-1.38554	0.457135	0.703907	-1.42064	0.683263	0.826786	-1.2095	0.447418	1.43193	1.43193	0.0736552	0.655997	-1.5244	0.681224	1.21109	1.21109	0.217858	1.82403	1.82403	0.497518	1.37623	1.37623	0.299823	0.607623	-1.64576	0.803839	2.73701	3.0266	1
cg21990422	EIF4G1	0.626523	0.116349	0.702438	-1.4233	0.7244318	0.866056	0.751177	0.70902	1.00902	1.00902	0.353725	0.840298	-1.19005	0.615345	0.886469	1.04649	0.777556	1.053	1.053	0.825154	0.9604532	-1.04118	0.1564057	1.111555	1.111555	0.2614447	1.238027	1.23807	0.8038	0.423353	0.4682146	1
cg14142766	RTN4;RTN4;RTN4;RTN4;RTN4;RTN4	0.626545	0.294651	0.858412	-1.16494	0.438342	1.11727	1.11727	0.496044	1.10182	1.10182	0.203848	1.20588	1.20588	0.728139	0.05017	1.05017	0.887994	1.01997	1.01997	0.533949	0.9154237	-1.09239	0.733211	1.04917	1.04917	0.181081	1.22042	1.22042	0.8037995	0.2505158	0.27704	1
cg03524533	CBARA1	0.626524	0.722819	0.961842	-1.03967	0.86012	0.980916	-1.01946	0.908785	1.0126	1.0126	0.381853	1.10294	1.10294	0.102174	0.81802	1.01802	0.981728	0.997501	-1.0025	0.752146	1.03522	1.03522	0.0455727	1.2846	1.2846	0.664554	0.953457	-1.04882	0.803795	0.153917	0.167999	1
cg20977710	TMEM192	0.626526	0.200698	1.781535	-1.27953	0.549861	1.11695	1.11695	0.583235	1.10634	1.10634	0.851942	0.9634497	-1.03466	0.834521	0.819996	-1.19805	0.815904	1.04344	1.04344	0.664648	1.09642	1.09642	0.275347	0.8183037	-1.22996	0.3268958	1.20273	1.20273	0.803742	0.4234625	0.468297	1
cg17315604	CACNA1I;CACNA1I	0.626537	0.490844	1.32035	1.32035	0.725119	0.869191	-1.1505	0.625932	1.21541	1.21541	0.510784	1.30328	1.30328	0.18055	0.568565	-1.75882	0.831853	1.0881	1.0881	0.173363	1.77763	1.77763	0.310981	1.5163	1.5163	0.790338	1.11162	1.11162	0.8037776	2.00745	2.22002	1
cg18346707	TMZC;ITM2C;ITM2C	0.626539	0.77802	0.879625	-1.14496	0.418709	0.673708	-1.48412	0.4132912	0.379218	1.53918	0.910802	1.04239	1.04239	0.103232	0.425424	-2.35061	0.527786	0.736527	-1.35772	0.4968687	0.7220125	-1.38865	0.904962	0.659357	-1.51663	0.5495615	1.13962	1.13962	0.8037773	2.90914	3.21721	1
cg00628919	JPH3	0.626544	0.874534	0.949121	-1.04721	0.299844	1.36825	1.36825	0.878612	1.04757	1.04757	0.215212	0.8839343	-1.46213	0.673824	0.8844474	-1.13062	0.381404	0.769461	-1.29961	0.1212591	0.6132569	-1.633	0.80732	0.931158	-1.07393	0.9597779	1.01483	1.01483	0.8037173	1.08472	1.19959	1
cg14254562	TLE1	0.626544	0.646469	1.18245	1.18245	0.388795	1.37781	1.37781	0.148304	1.75536	1.75536	0.80952	0.9161	-1.09158	0.654243	0.8490902	-1.17773	0.961278	1.01777	1.01777	0.144166	1.76707	1.76707	0.667121	0.854691	-1.17001	0.6310104	0.829761	-1.20517	0.8037651	1.67623	1.85375	1
cg11193201	FCRLA	0.626545	0.994616	1.00257	1.002572	0.90807	1.04498	1.04498	0.163906	0.835334	-1.19713	0.299539	0.666394	-1.50104	0.958753	1.01989	1.01989	0.720393	0.872061	-1.14671	0.119579	1.30272	1.30272	0.0211	1.66585	1.66585	0.981242	0.991085	1.009	1.66585	0.981242	0.991085	1.009	0.8037674	1.8467	2.04228	1
cg03327352	DMBX1;DMBX1	0.626559	0.41694	0.35301	-2.83278	0.332963	0.285497	-3.50266	0.991871	1.01287	1.01287	0.515857	0.4373935	-2.28626	0.365299	0.311132	-3.21407	0.636647	0.81712	-1.81712	0.285431	0.42508	0.42508	0.0020908	0.183513	-5.44919	0.622206	1.8652	1.8652	0.8037839	2.73701	3.0266	1
cg08897025	SMYD3;SMYD3	0.626577	0.867967	1.16341	1.16341	0.218218	0.910254	1.09285	1.09285	1.07288	0.932317	0.9049656	1.10611	1.10611	0.7566226	0.753674	1.0383	0.918726	0.911332	-1.09742	0.7224103	0.2137708	-4.5914	0.4262184	0.228077	-4.4384	0.1426184	0.29415	0.29415	0.8037716	0.1936	0.217144	1
cg00808545	MKL2	0.626581	0.609375	0.806262	-1.24029	0.0839572	0.449743	-2.22349	0.971741	1.01491	1.01491	0.415407	0.706204	-1.41602	0.425968	0.711985	1.40452	0.280222	0.625597	-1.59847	0.335884	0.660567	-1.51385	0.907702	0.952691	-1.04966	0.204099	0.571182	-1.75076	0.8037099	2.22265	2.45822	1
cg05874806	MAP4K4;MAP4K4;MAP4K4	0.626583	0.744981	0.823737	-1.21452	0.458779	0.638127	-1.56709	0.403048	0.600755	-1.66457	0.517348	1.47829	1.47829	0.980918	0.985859	-1.01434	0.593739	1.37798	1.37798	0.482517	1.52963	1.52963	0.114182	2.78222	2.78222	0.355094	1.76206	1.76206	0.8037706	4.51365	4.99204	1
cg00790289	PGK1	0.626584	0.37504	0.160656	-6.42897	0.835412	0.705319	-1.4178	0.888456	0.786827	-1.27093	0.320944	0.5888	0.5888	0.263997	0.42665	-2.34265	0.240015	0.132437	-7.55025	0.720483	1.82743	1.82743	0.890627	1.2597	1.2597	0.999592	1.00086	1.00086	0.803705	35.8414	39.6462	1
cg21315629	RALB	0.626588	0.704243	0.9025	-1.10803	0.947697	1.0178	1.0178	0.957012	0.985605	-1.01461	0.193801	0.6908857	-1.44748	0.847464	1.05317	1.05317	0.936444	1.02168	1.02168	0.0868304	0.6012772	-1.66314	0.870075	0.956923	-1.04502	0.2132022	0.70214	-1.42422	0.8037	0.921001	1.01862	1
cg13883232	MAMDC4	0.626591	0.410134	0.940899	-1.51309	0.270199	1.75834	1.75834	0.616804	1.28039	1.28039	0.629537	0.7874253	-1.26984	0.0979435	0.7924544	-1.26177	0.613856	1.18516	1.18516	0.819361	0.893767	-1.11886	0.9970708	1.04416	1.04416	0.731147	0.833044	1.20042	0.8039036	3.07233	3.44343	1
cg03523077	GJB2	0.626613	0.531247	1.22022	1.22022	0.274026	1.42933	1.42933	0.226682	1.48936	1.48936	0.923249	0.9702211	-1.0307	0.917558	1.03303	1.03303	0.513854	1.23093	1.23093	0.124306	1.68585	1.68585	0.526569	0.817613	-1.22307	0.663347	0.871575	1.14735	0.803662	1.25356	1.3865	1
cg04555107	KIAA0247	0.626618	0.151987	0.224015	-4.46399	0.880685	0.863796	-1.15768	0.432065	2.1851	2.1851	0.837985	0.8209322	-1.21814	0.196067	0.263767	-3.79122	0.592266	0.590379	-1.69383	0.212578	0.2780993	-3.59592	0.874349	0.857042	-1.1668	0.4108875	0.440545	-2.26992	0.8036554	12.095	13.3778	1
cg08768569	SORCS3	0.626628	0.523021	1.23867	1.23867	0.0940137	1.01687	1.01687	0.404162	0.6809995	-1.46841	0.175191	1.75191	1.75191	0.0852151	0.5707381	-1.75238	0.146151	1.67508	1.67508	0.0427342	1.00716	1.00716	0.461653	1.2812	1.2812	0.652515	0.860816	1.16369	0.8036369	1.91353	1.53925	1
cg09638651	KRT10;TMEM99	0.626635	0.722455	1.19155	1.19155	0.593285	0.767266	-1.30333	7	7	7	0.893821	1.06783	1.06783	0.146541	0.4649554	-2.15075	0.884227	1.07423	1.07423	0.391226	0.507384	0.507384	-1.97089	0.7647	0.88072	-1.13543	0.227259	0.536372	-1.86438	0.7988294	0.82548	3.3998	1
cg22463008	GNPDA1	0.626643	0.883946	1.07606	1.07606	0.651457	1.01285	1.01285	0.750268	1.08406	1.08406	0.272327	1.02364	1.02364	0.848263	0.9015734	-1.10917	0.9504554	1.01564	1.01564	0.875626	0.7536423	0.3109968	-1.32155	0.4548329	0.8003	0.7167884	0.9145435	1.02149	1.02149	0.8036316	0.2681746	0.2973141	1
cg15580355	MCF2L2	0.626649	0.201886	0.408677	-2.44692	0.2010303	0.40788	-2.4517	0.64106	0.732136	-1.36587	0.469828	0.6136989	-1.62949	0.143209	0.3518014	-2.84251	0.318644	0.504386	-1.98261	0.232341	0.435303	-2.29725	0.508159	0.640332	-1.56169	0.291621	0.483539	-2.06809	0.8036068	5.61209	6.20766	1
cg00578153	WFDC3;WFDC3;DNTTIP1	0.626651	0.81165	0.972125	-1.02867	0.647092	1.05611	1.05611	0.469618	1.09103	1.09103	0.661328	1.05359	1.05359	0.211255	1.1688	1.1688	0.538612	0.928022	-1.07652	0.200059	0.8518831	-1.17387	0.595616	0.938538	-1.06549	0.345205	1.12202	1.12202	0.803605	0.1784954	0.197438	1
cg00238131	CITED2;CITED1	0.626657	0.282646	0.677275	-1.47611	0.2913754	0.695454	-1.43912	0.313792	1.28539	1.28539	0.2459	0.7778	0.7778	0.183062	0.6729	-1.48677	0.4494	0.664498	-1.50497	0.370228	0.588666	-1.69876	0.744783	1.20696	1.20696	0.74721	1.20471	1.20471	0.803595	42.2071	46.6869	1
ch.10.2544207	EIF3A	0.626687	7	7	7	7	7	7	0.164662	0.31951	-3.1298	7	7	7	7	7	7	0.569426	1.55662	1.55662	0.708613	0.7490562	-1.335	0.694434	1.35509	1.35509	0.633674	1.44702	1.44702	0.7200003	3.75258	8.33903	1
cg00551765	TCF7L1	0.626687	0.788234	1.06702	1.06702	0.789412	0.937538	-1.06662	0.996209	0.770296	-1.2982	0.283155	1.33385	1.33385	0.701946	1.07908	1.07908	0.324299	1.27707	1.27707	0.886809	0.9662641	-1.03491	0.5444499	1.15842	1.15842	0.182616	0.710836	1.4068	0.8035136	0.7388453	0.817324	1
cg13674559	WDR44	0.626705	0.385532	0.425233	-2.35165	0.692104	1.46607	1.46607	0.557066	0.565044	-1.76977	0.161031	4.21645	4.21645	0.276109	1.49778	1.49778	0.205172	2.76681	-3.61427	0.799768	0.7834246	-1.27674	0.669537	1.51085	1.51085	0.551883	1.78345	1.78345	0.8035523	11.7581	13.0073	1
cg19655069	TPM1;TPM1;TPM1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(112T 11T vs. N)	Fold-Change(112T 11T vs. N)	p-value(121T 12T vs. N)	Fold-Change(121T 12T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg10841705	TMEM209	0.627446	0.613862	1.56667	1.56667	1.564606	0.281718	-1.54965	0.259397	0.349201	2.86368	2.8046	0.32111	3.52137	0.875383	0.671004	-1.1481															
cg01962650	PAICS;PAICS;PPAT;PAICS;PAICS	0.627447	0.825851	0.960435	-1.04119	0.712494	0.934441	-1.07016	0.610205	0.910113	-1.09876	0.169615	0.10735	1.30738	0.130738	0.239293	1.25327	1.25327	0.718925	0.935936	-1.06845	0.933778	0.985754	-1.01445	0.8471	1.036	1.036	0.158295	1.31825	1.31825	0.802411	0.426502	0.472467	1
cg06319861	THSD7B	0.627449	0.387968	0.504106	-1.98371	0.535615	0.615532	-1.62517	0.122053	0.27326	-3.65952	0.799214	0.21812	1.21812	0.358768	2.07612	2.07612		0.704783	0.744785	-1.34267	0.759841	1.26789	1.26789	0.339284	2.14352	2.14352	0.921642	1.07914	1.07914	0.8024408	7.615559	8.43638	1
cg09459188	MFSD1;MFSD1	0.627463	0.340187	0.813215	-1.22969	0.350725	1.223381	1.223389	0.485827	1.16063	1.16063	1.160631	0.4096951	0.837488	-1.19405	0.683993	1.08989	1.08989	0.615647	1.11252	1.11252	0.932332	1.01802	1.01802	0.438692	0.840524	-1.18074	0.175734	1.35369	1.35369	0.802388	0.562258	0.622873	1
cg03808734	DFFB;KIAA0562	0.627472	0.955007	1.01642	1.01642	0.954627	1.016566	1.016566	0.604674	1.16271	1.16271	0.294415	1.36876	1.36876	0.893484	1.03943	1.03943		0.178733	0.662084	-1.51038	0.571841	1.17928	1.17928	0.331504	1.33537	1.33537	0.194058	1.48678	1.48678	0.802373	1.05884	1.17301	1
cg18427987	UNC5;ALDH3A1	0.627491	0.729756	1.11365	1.11365	0.674255	0.877115	-1.1401	0.66937	1.14251	1.14251	0.118542	1.69142	1.69142	0.621658	1.16683	1.16683		0.3474	1.34998	1.34998	0.255003	1.44572	1.44572	0.144473	1.62612	1.62612	0.642689	1.15594	1.15594	0.802346	1.22245	1.35431	1
cg17272491	GOLGA3	0.627514	0.722655	0.93956	-1.06433	0.442182	1.14693	1.14693	0.438291	1.14833	1.14833	0.356133	0.847006	-1.18063	0.423926	0.866863	-1.15359		0.196159	1.27127	1.27127	0.817414	0.960349	-1.04129	0.65133	0.923496	-1.08284	0.309276	1.20211	1.20211	0.8023112	0.388008	0.430875	1
cg18651870	NETO1	0.627516	0.402534	0.79164	-1.34836	0.109079	0.54421	1.08753	0.180068	0.608523	-1.64333	0.893712	0.954433	-1.04774	0.48197	0.779316	-1.28318		0.325057	0.70491	-1.41903	0.637197	0.847326	-1.18018	0.571686	1.129256	1.22066	0.457807	0.768141	-1.30184	0.8023098	1.54668	1.7136	1
cg21761844	ZNF568;ZNF568;ZNF821	0.627518	0.929106	0.96492	-1.03636	0.493554	1.32201	1.32201	0.274154	1.15093	1.15093	0.132953	0.521762	-1.91658	0.57233	1.25729	1.25729		0.374006	0.69387	-1.44119	0.945652	1.02774	1.02774	0.262977	0.59731	1.59731	0.542097	1.28101	1.28101	0.802304	2.04626	2.26709	1
cg05738246	SLC41A1	0.62752	0.430429	1.28505	1.28505	0.833154	0.936376	-1.06795	0.743996	0.902923	-1.10751	0.155107	1.60663	1.60663	0.426345	1.28804	1.28804		0.221017	1.4932	1.4932	0.464264	0.792849	-1.26127	0.510096	0.812033	-1.23148	0.964296	0.986148	-1.01405	0.8023002	1.23198	1.36715	1
cg12996903	GNAI2	0.627523	0.222452	1.60665	1.60665	0.380992	0.167617	-2.5537	0.709737	1.08149	1.08149	0.128911	1.30459	1.30459	0.0966	1.54637			0.725384	0.929316	-1.07566	0.864098	0.837564	-1.19394	0.524995	1.904	1.904	0.101931	0.735757	0.932015	1.072594	0.802287	0.548985	0.608244	1
cg01217335	ATG10;ATG10	0.62753	0.982095	0.992261	-1.0078	0.914988	0.963707	-1.03766	0.984542	0.993315	-1.00673	0.788286	0.911026	-1.09766	0.0898014	0.523389	-1.91062		0.782915	0.90881	-1.10034	0.920103	1.03535	1.03535	0.167096	1.66515	1.66515	0.600504	1.20074	1.20074	0.802286	1.52299	1.68739	1
cg16548348	GNB1L;C23orf29 TMEM150A;TMEM150A;TMEM150A;T	0.627549	0.244726	1.33674	1.33674	0.823071	1.05487	1.05487	0.622631	1.12559	1.12559	0.435411	1.209	1.209	0.836424	0.951886	-1.05055		0.408381	1.22346	1.22346	0.497383	0.848468	-1.1786	0.48451	0.844142	-1.18463	0.18511	0.715203	-1.39821	0.802258	0.722781	0.800829	1
cg21117768	MEM150A;TMEM150A	0.62755	0.210563	1.68351	1.68351	0.983532	1.00918	1.00918	0.491545	0.758396	-1.31763	0.54441	0.784879	-1.27408	0.784443	1.11433	1.11433		0.102046	2.02699	2.02699	0.68461	0.851091	-1.17495	0.835483	0.921176	-1.08557	0.63953	1.20472	1.20472	0.802257	1.98064	2.19452	1
cg23763137	ADORA2A	0.627551	0.549764	1.83233	-1.12763	0.863959	0.210854	2.115057	0.590426	0.633048	-1.69368	0.358557	0.838354	-1.1924	0.66	0.759165	1.15219	1.15219	0.287868	0.9398	-1.06406	0.284722	1.56621	1.56621	0.058015	0.803308	-1.24501	0.10425	0.549247	-1.82068	0.802256	2.07123	2.29489	1
cg21140292	SMARCA2;SMARCA2	0.627555	0.345359	1.1773	1.1773	0.660304	1.07711	1.07711	0.116611	1.33155	1.33155	0.52792	1.11338	1.11338	0.60364	0.915792	-1.09195		0.974484	1.00539	1.00539	0.350935	0.851091	-1.17496	0.533845	1.11163	1.11163	0.554027	0.904359	-1.10576	0.802249	0.358388	0.397092	1
cg21544400	CYTC2	0.627557	0.805551	1.05901	1.05901	0.81259	0.951985	-1.05044	0.518409	1.16438	1.16438	0.186717	1.38452	1.38452	0.297301	1.29849	1.29849		0.111852	1.49554	1.49554	0.829384	0.951203	-1.0513	0.578354	0.877646	-1.11941	0.728941	1.08555	1.08555	0.802246	0.686576	0.760726	1
cg01046674	FRAS1;FRAS1	0.627564	0.709036	1.09036	-1.07569	0.715069	0.835401	-1.19703	0.562393	0.750287	-1.33282	0.736015	0.847955	-1.17953	0.554457	1.30641	1.30641		0.26491	1.91987	-1.08711	0.643371	0.995566	-1.25697	0.573329	1.211331	1.45152	0.711937	-1.40462	0.802236	3.05716	3.38737	1
cg02599385	TLN2	0.627575	0.660836	0.796133	-1.25607	0.132537	0.432516	-2.31206	0.164751	0.465183	-2.14969	0.696178	0.816575	-1.22463	0.280407	0.560246	-1.78493		0.994037	1.00328	1.00328	0.554095	0.734158	-1.36211	0.688423	0.812087	-1.2314	0.15297	0.453703	-2.20409	0.80222	3.38778	3.75378	1
cg00705908	ASAH1;ASAH1;ASAH1	0.627577	0.058531	0.153336	-6.52102	0.153336	0.974171	-1.0251	0.562792	1.57057	1.57057	0.777182	1.28007	1.28007	0.850911	1.24643	1.24643		0.384392	2.18081	2.18081	0.817972	0.816878	-1.22417	0.665333	1.440497	1.440497	0.922099	1.08961	1.08961	0.8022117	9.78021	10.8369	1
cg04883450	DIMT1L	0.627584	0.220956	0.783249	-1.27673	0.337581	0.828858	-1.20648	0.764847	0.945498	-1.05764	0.960583	1.00943	1.00943	0.630411	1.08681	1.08681		0.782998	0.948931	-1.05382	0.741081	0.938984	-1.06498	0.401949	1.17689	1.17689	0.158418	1.33145	1.33145	0.802206	0.458013	0.507504	1
cg07592353	GAB4k6	0.627588	0.950279	0.958012	-1.05773	0.123834	0.946904	1.048003	0.899094	1.010194	1.010194	0.302402	1.178423	1.178423	-5.60445	0.500889	1.997073	-2.5204	0.277929	0.83483	0.83483	0.481413	1.295513	1.295513	0.772677	1.27677	1.27677	0.5809226	1.386217	1.45254	0.802197	1.39458	1.63106	1.72112	1
cg16615776	CAPN10;CAPN10;CAPN10;CAPN10	0.627591	0.468692	0.572826	-1.74573	0.749384	1.27407	1.27407	0.260805	2.42624	2.42624	0.812322	1.19693	1.19693	0.150742	0.312272	3.20233		0.818296	1.18995	1.18995	0.313518	0.454847	-2.19854	0.553497	0.635726	-1.57301	0.461227	0.567279	-1.7628	0.802196	7.25652	8.04072	1
cg11412036	CATSPER2;CATSPER2;CATSPER2	0.627592	0.666192	0.850501	-1.17578	0.362197	0.705082	-1.41828	0.514428	0.781394	-1.27976	0.724861	1.14094	1.14094	0.142229	0.555079	-1.80155		0.370063	1.4098	1.4098	0.303574	1.48822	1.48822	0.147207	0.886331	-1.12825	0.747648	0.886525	-1.128	0.802194	1.76867	1.95981	1
cg23766360	VWF	0.62756	0.652136	0.770052	-1.29808	0.134669	0.945349	-1.24543	0.124832	0.946904	-1.05624	0.716664	0.829747	-1.20564	0.623747	1.32829	3.7222	3.7222	0.363642	4.33973	4.33973	0.143939	0.338455	1.44284	0.653157	1.54184	1.54184	0.802182	4.18663	4.63916	1
cg07128111	GDNF	0.627603	0.679024	1.09656	1.09656	0.167924	1.38479	1.38479	0.897097	0.971744	-1.02908	0.291665	0.784762	-1.27427	0.727105	0.925325	-1.0807		0.830136	1.04874	1.04874	0.182795	0.731129	-1.36775	0.921902	1.02196	1.02196	0.541636	1.14667	1.14667	0.802177	0.623436	0.690827	1
cg23770013	NTM;NTM;NTM;NTM	0.627615	0.911806	0.964222	-1.03496	0.632177	0.979331	1.19931	0.669473	1.12645	1.12645	0.0966	1.16093	1.16093	0.0681	1.72006	1.72006	1.72006	0.743675	0.903245	-1.10722	0.832845	1.68263	1.68263	0.0997	1.00179	0.989845	1.00179	1.31427	1.31427	0.802166	1.12194	1.35405	1
cg02261174	NAS1	0.627618	0.820652	1.922222	-1.08434	0.617963	1.19637	0.765312	0.210586	2.015857	0.104854	2.215057	0.590426	-1.66368	0.355057	0.838353	-1.19258		0.286321	1.63796	-1.48413	0.649949	1.17694	1.17694	0.720133	1.13688	1.13688	0.629503	0.796858	1.25493	0.802166	1.61537	1.79002	1
cg23546207	NIT1	0.627614	0.382057	1.33997	1.33997	0.743268	1.11326	1.11326	0.289014	0.698172	-1.43231	0.514882	1.24058	1.24058	0.929379	1.02936	1.02936		0.95619	0.982226	-1.0181	0.0967129	1.81347	1.81347	0.899621	0.959641	-1.04206	0.36947	1.35105	1.35105	0.802161	1.35384	1.50021	1
cg02286270	ATP6A2	0.627616	0.985264	1.01558	1.01558	0.962747	1.02647	1.02647	0.467945	1.03553	1.03553	0.458384	1.38841	1.38841	0.0520795	1.22423	1.22423		0.932859	1.07308	1.07308	0.903975	0.93661	-1.06761	0.629409	1.5023	1.5023	0.883801	1.13022	1.13022	0.802158	0.90091	0.8833	1
cg03270197	BRP44L	0.627623	0.626949	0.942787	-1.06069	0.974786	1.003381	1.00381	0.48307	1.08953	1.08953	0.41449	0.904532	-1.10554	0.321954	0.884196	-1.13097		0.202294	0.850501	-1.17578	0.142113	0.827095	-1.20905	0.698072	1.04801	1.04801	0.862521	1.02107	1.02107	0.802147	0.183815	0.203692	1
cg19871694	PUM2	0.627625	0.890955	0.952012	-1.05073	0.213834	0.844904	1.08403	0.18883	1.08283	1.08283	0.325146	0.871448	1.0592898	0.0883	1.51413	1.97073	1.97073	0.309407	1.14083	1.14083	0.373773	1.13773	1.13773	0.807252	1.14603	1.14603	0.802133	0.452247	0.500333	1
cg16312647	PHB	0.627627	0.166496	0.694005	-1.44091	0.626902	1.12896	1.12896	0.58805	1.14501	1.14501	0.8154	0.943737	-1.05962	0.126723	0.664302	-1.50534		0.928749	1.02239	1.02239	0.626304	1.1292	1.1292	0.624111	1.13008	1.13008	0.696866	1.10179	1.10179	0.802142	0.778887	0.863119	1
cg18848276	PAN2;PAN2;PAN2;PAN2;PAN2	0.627627	0.356409	1.78877	1.78877	0.0962542	0.93702	1.09702	0.83775	1.11531	1.11531	0.553124	0.689806	-1.44958	0.450601	1.60927	1.60927		0.392822	1.17911	1.17911	0.62235	0.735454	-1.3597	0.572407	0.702531	-1.42342	0.952365	0.9637	-1.03767	0.802142	4.86679	5.39311	1
cg17348244	HEATR2	0.627635	0.264052	1.57883	1.57883	0.462466	0.800303	1.08003	0.999094	1.00194	1.00194	0.302402	1.178423	1.178423	-5.60445	0.500889	1.997073	-2.5204	0.277929	0.83483	0.83483	0.481413	1.295513	1.295513	0.772677	1.27677	1.27677	0.5809226	1.386217	1.45254	0.802137	1.39458	1.63106	1.72112	1
cg06954540	C11orf68;C11orf68;DRAP1	0.627661	0.968056	0.985612	-1.0146	0.686266	0.863332	-1.1583	0.501612	1.27994	1.27994	0.611081	0.830609	-1.20394	0.0514971	0.44833	-2.2305		0.811195	1.09047	1.09047	0.598394	0.825013	-1.2121	0.904289	1.04449	1.04449	0.648266	1.18082	1.18082	0.8020991	1.56372	1.84376	1
cg23394653	FBXL3	0.627667	0.310346	0.722029	-1.38486	0.601274	0.965643	-1.04097	0.353955	1.08651	1.08651	0.0768	1.24239	1.24239	0.0174779	1.35597	1.67183	1.67183

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change|1 vs. N)	p-value|1047 vs. 047 vs. N)	Fold-Change|1 vs. N)	p-value|1050 vs. N)	Fold-Change|1 vs. N)	p-value|1111 vs. N)	Fold-Change|1 vs. N)	p-value|1117 vs. 117 vs. N)	Fold-Change|1 vs. N)	p-value|1127 vs. N)	Fold-Change|1 vs. N)	p-value|1128 vs. N)	Fold-Change|1 vs. N)	p-value|1217 vs. N)	Fold-Change|1 vs. N)	p-value|1221 vs. N)	Fold-Change|1 vs. N)	p-value|1247 vs. N)	Fold-Change|1 vs. N)	p-value|1477 vs. 477 vs. N)	Fold-Change|1 vs. N)	p-value|1533 vs. 533 vs. N)	Fold-Change|1 vs. N)	p-value|1537 vs. N)	Fold-Change|5 vs. 537 vs. N)	p-value|5637 vs. 637 vs. N)	Fold-Change|5 vs. N)	t(Test)	S5(Test)	S5(Error)	df	F(Error
cg08111610	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.628648	0.61163	1.25236	1.25236	0.838557	0.914249	-1.09379	0.327388	1.55942	1.55942	0.754216	1.148	1.148	0.221663	0.568633	-1.7586	0.266418	0.601166	-1.66343	0.998797	1.46175	1.46175	0.954273	0.975114	-1.02552	0.336683	1.54547	0.800612	2.44801	2.71894	1
cg20046388	KIAA0313	0.628658	0.657699	0.782904	-1.2773	0.388418	1.62441	1.62441	0.110793	2.59502	2.59502	0.205046	2.08313	2.08313	0.415115	1.5796	1.5796	0.422859	1.56722	1.56722	0.62906	1.42914	1.42914	0.369201	1.65891	1.65891	0.335263	1.72523	1.72523	0.808598	3.8194	4.2406	1
cg00333893	FAM20C	0.628682	0.495855	0.827901	-1.20787	0.188559	1.463	1.463	0.186508	1.46591	1.46591	0.88929	0.962674	-1.03877	0.719641	0.906247	-1.10345	0.530218	1.1896	1.1896	0.361663	1.29188	1.29188	0.972244	1.00782	1.00782	0.445349	0.808573	-1.23675	0.8005561	0.945797	1.05015	1
cg04531009	PLBA;PLBA;PLBA	0.628682	0.541882	1.44114	1.44114	0.307783	1.86926	1.86926	0.568756	1.40613	1.40613	0.18261	1.4330323	-2.30935	0.402506	1.6602305	-1.66029	0.658007	0.76826	-1.3018	0.80622	1.15655	1.15655	0.280189	1.943007	1.943009	0.768251	1.19107	1.19107	0.8005561	4.43987	4.92973	1
cg13877260	TGFBRAP1;TGFBRAP1	0.628683	0.932845	1.36718	1.36718	0.21381	0.468383	-2.135	0.588838	0.728906	-1.37192	0.388999	1.77015	1.77015	0.483714	1.51045	1.51045	0.23275	2.06486	2.06486	0.530139	1.44558	1.44558	0.806001	0.867121	-1.15324	0.537721	0.696583	-1.43558	0.80056	4.25704	4.72674	1
cg02876672	C12orf23	0.628716	0.375653	0.898327	-1.11318	0.784948	0.968259	-1.03278	0.704162	1.04601	1.04601	0.767669	0.9655667	-1.03555	0.655572	0.65401	-1.52967	0.771606	1.03492	1.03492	0.120519	0.835989	-1.21967	0.943106	0.891209	-1.12207	0.311473	1.13143	1.13143	0.8005111	0.176309	0.195774	1
cg12169700	MAD1L1;MAD1L1;MAD1L1	0.628758	0.144776	0.0390875	-25.5836	0.671728	2.416554	2.416554	0.893341	1.32006	1.32006	0.678913	2.36703	2.36703	0.71638	0.469901	-2.12811	0.306039	8.96821	8.96821	0.466211	4.64082	4.64082	0.298344	0.107375	-9.31312	0.586061	3.12112	3.12112	0.8004447	54.3183	60.3199	1
cg04656330	FNDC3;FNDC3	0.628774	0.245946	0.708242	-1.41059	0.689737	0.944312	-1.05908	0.533063	1.196	1.196	0.291281	0.755115	-1.36404	0.448424	0.803401	-1.24457	0.74395	1.09737	1.09737	0.188872	1.29334	1.29334	0.768498	1.0872	1.0872	0.19252	0.676362	-1.4785	0.804423	1.03886	1.13146	1
cg22597706	CTNND2	0.628783	0.666769	0.902292	-1.10829	0.707254	0.912948	-1.09535	0.12943	0.837831	-1.47529	0.955027	0.986704	-1.01348	0.421568	1.21509	1.21509	0.95593	1.0312	1.0312	0.389892	1.2326	1.2326	0.232862	0.743105	-1.3457	0.509506	0.853157	-1.17212	0.8004011	0.714132	0.793072	1
cg21204436	NLGN1	0.628786	0.875061	0.932886	-1.07194	0.322902	0.637112	-1.56958	0.476905	1.37619	1.37619	0.214944	1.77952	1.77952	0.293809	0.618303	-1.61733	0.480301	0.728492	-1.3727	0.461842	0.718408	-1.39197	0.407193	0.687742	-1.45403	0.758135	1.14611	1.14611	0.8004407	2.4711	2.74427	1
cg13656833	MFSD7	0.628799	0.609986	0.7245	-1.37995	0.437993	0.8	-1.25	0.5	1.33474	1.33474	0.415548	0.6911	-1.44753	0.372454	0.657572	-1.52054	0.541812	1.47152	1.47152	0.557276	1.44958	1.44958	0.794603	0.648229	-1.54236	0.437264	0.679073	-1.4726	0.8003187	4.95967	5.50808	1
cg10624175	KIAA0226;KIAA0226	0.628801	0.460517	1.42455	1.42455	0.709025	1.4474	1.4474	0.265187	0.497982	-2.0081	0.641121	1.24743	1.24743	0.862985	1.08481	1.08481	0.745618	1.16568	1.16568	0.941888	1.03493	1.03493	0.247081	0.565536	-1.76823	0.250425	1.76052	1.76052	0.8003583	2.81155	3.12244	1
cg10085533	HIST2H2BE;HIST2H2AC;HIST2H2BE	0.628811	0.391505	1.26429	1.26429	0.227283	1.44716	1.44716	0.637724	1.14632	1.14632	0.883868	1.04554	1.04554	0.753733	1.10381	1.10381	0.868568	0.952856	-1.04948	0.113797	0.62766	-1.59322	0.441755	0.790565	-1.26587	0.639034	1.1477	1.1477	0.8003771	1.0778	1.19701	1
cg16249105	PRDX3;PRDX3	0.628811	0.531559	1.64114	-1.15725	0.314891	1.27063	1.27063	0.998489	0.999564	-1.00044	0.249707	0.75787	-1.31949	0.284082	1.29235	1.29235	0.319094	1.26782	1.26782	0.579544	0.878992	-1.13767	0.489888	0.85074	-1.17545	0.800735	1.06002	1.06002	0.8003731	0.673278	0.74774	1
cg02452058	SEMA5A	0.628811	0.533055	1.36338	1.36338	0.197977	0.512722	-1.95037	0.530528	1.3386	1.3386	0.259431	1.38177	1.38177	0.278151	1.78177	1.78177	0.245575	1.81533	1.81533	0.995663	1.09737	1.09737	0.741957	0.852465	-1.17307	0.803369	3.05545	3.39338	1
cg16556166	KBKE	0.628783	0.674991	0.859017	-1.1634	0.474885	0.754326	-1.32569	0.207006	1.62218	1.62218	0.758693	1.31693	1.31693	0.498511	0.764465	-1.27966	0.35856	1.4039	1.4039	0.329295	0.732857	-1.3882	0.352808	0.700567	-1.40935	0.479316	0.772523	1.29446	0.80036	1.62064	1.81323	1
cg08101977	CACNA1H;CACNA1H	0.628836	0.942638	1.04603	1.04603	0.45316	1.61275	1.61275	0.321259	1.89819	1.89819	0.692093	1.28266	1.28266	0.171822	0.402646	-2.48357	0.575057	0.701701	-1.42511	0.227457	0.452756	-2.2087	0.841926	0.882602	-1.13301	0.626339	1.35917	1.35917	0.8003331	4.95792	5.50652	1
cg26747101	C19orf63;FAM71F1;C19orf63	0.628841	0.750046	0.89821	-1.11403	0.628759	1.01574	1.07574	0.565504	1.09056	1.09056	0.129931	1.27782	1.27782	0.213422	1.21695	1.21695	0.915716	1.01599	1.01599	0.964499	1.04565	1.04565	0.123878	1.28468	1.28468	0.599323	1.08372	1.08372	0.8003123	0.284678	0.316182	1
cg05219900	TUN1;CRE83;CRE83	0.628843	0.718255	1.05689	1.05689	0.777485	1.14024	1.14024	0.715582	1.05726	1.05726	0.260663	1.09623	1.09623	0.277106	0.8414447	-1.18843	0.302725	1.17709	1.17709	0.253512	0.833498	-1.19976	0.508189	0.902564	-1.10786	0.302321	1.25644	1.25644	0.8003261	0.538361	0.598251	1
cg00461802	GPR126;GPR126;GPR126;GPR126;GPR1	0.628848	0.920685	0.921589	-1.08508	0.828774	0.837297	-1.19432	0.985898	1.0146	1.0146	0.624933	0.667676	-1.49773	0.766825	1.27609	1.27609	0.61268	1.51976	1.51976	0.993718	1.00648	1.00648	0.03798	7.1883	7.1883	0.871657	1.14174	1.14174	0.8003313	8.5201	9.46308	1
cg08800443	PTPRK;PTPRK	0.62885	0.657206	0.77136	-1.29641	0.177902	0.43512	-2.29821	0.397754	0.60455	-1.65412	0.226342	0.29255	0.29255	0.357363	0.59024	-1.69423	0.726334	0.815263	-1.2266	0.241909	0.490605	-2.03792	0.881476	0.916935	-1.09059	0.79537	0.859793	-1.16307	0.80031	4.28219	4.75615	1
cg24297040	CCNA1;CCNA1;CCNA1;CCNA1	0.628851	0.121257	0.272151	-3.67442	0.737891	0.772442	-1.2946	0.963131	0.824482	-1.21302	0.314941	1.31944	1.31944	0.758464	0.599327	-1.66854	0.244137	0.89011	-1.56997	0.134156	0.397577	-2.51524	0.941109	0.782095	0.806724	-1.23958	0.804305	0.705333	0.84474	1
cg16030427	FCHO1;FCHO1	0.628855	0.463541	1.3177	1.3177	0.35931	1.39933	1.39933	0.573553	1.23403	1.23403	0.939381	0.972269	-1.02852	0.423242	1.35316	1.35316	0.594483	0.819814	-1.21979	0.738121	0.883314	-1.1321	0.120023	1.8657	1.8657	0.187447	1.67628	1.67628	0.8003303	1.73299	1.92482	1
cg14396096	PTK2;PTK2	0.628861	0.633807	1.44819	1.44819	0.508389	0.595891	-1.67816	0.748838	1.28129	1.28129	0.795805	1.22153	1.22153	0.085387	1.43784	1.43784	0.730454	0.76578	-1.30586	0.883745	0.89324	-1.11952	0.854608	1.15204	1.15204	0.173041	1.06108	1.06108	0.8002804	2.54653	2.83196	1
cg17832277	TPP2	0.628863	0.7054	0.819552	-1.21996	0.291614	1.35025	1.35025	0.754326	1.15069	1.15069	0.559224	1.11687	1.11687	0.668778	1.10959	1.10959	0.354856	1.40309	1.40309	0.373295	0.720357	-1.3882	0.352808	0.700567	-1.40935	0.479316	0.772523	1.29446	0.80036	1.62064	1.81323	1
cg23656380	ADRM1;ADRM1	0.628865	0.79914	0.946316	-1.05673	0.364561	1.22339	1.22339	0.638703	0.902725	-1.10776	0.982916	1.00464	1.00464	0.923009	0.979298	-1.02114	0.715661	1.44786	1.44786	0.197724	0.744806	-1.34263	0.661483	1.10004	1.10004	0.967651	1.00881	1.00881	0.8002888	0.593561	0.659275	1
cg07503662	KLHDC4	0.628884	0.97508	0.982202	-1.01803	0.67408	1.08789	1.08789	-1.07948	0.648451	1.10759	1.50759	0.633338	1.33436	1.33436	0.54675	-1.82931	0.74581	1.20941	1.20941	0.933384	1.47131	1.47131	0.464217	1.54401	1.54401	0.247367	1.02788	1.02788	0.8002139	4.33073	4.81037	1
cg21389776	LEPRE1;LEPRE1	0.628886	0.60513	1.20649	1.20649	0.313592	0.455115	1.45515	0.99128	1.00394	1.00394	0.228236	0.634344	-1.57643	0.198269	0.613025	-1.63126	0.894439	0.953344	-1.04894	0.642428	0.819421	1.19421	0.41413	0.740478	-1.35048	0.439237	0.752821	-1.32834	0.800256	1.64173	1.82356	1
cg02576503	SLC27A1	0.628887	0.115114	2.2112	2.2112	0.721476	1.18034	1.18034	0.273914	0.590166	-1.69444	0.318361	1.61237	1.61237	0.927135	0.958517	-1.04328	0.831613	0.906078	-1.10366	0.755862	0.865486	-1.15542	0.829569	1.105	1.105	0.381581	1.5154	1.5154	0.8002255	2.71926	3.02043	1
cg16720947	PLEC1;PLEC1	0.628888	0.320451	1.88151	1.88151	0.96772	1.72572	1.72572	0.98126	1.01218	1.01218	0.704627	1.3617568	1.3617568	0.212966	0.523151	1.91163	0.209371	1.97774	1.97774	0.242566	0.510408	-1.87826	0.467566	0.833187	-1.20035	0.731169	1.03117	1.03117	0.8002193	0.969369	1.03988	1
cg16500643	SPTBN5	0.628916	0.240455	2.48271	2.48271	0.506424	1.64674	1.64674	0.60233	1.04785	1.47885	0.603886	0.678903	-1.47297	0.457474	1.71032	1.71032	0.134946	0.303489	-3.29501	0.673493	1.36831	1.36831	0.979889	1.11838	1.11838	0.584111	0.664304	-1.50534	0.800211	6.93848	7.70739	1
cg15428453	TMEM56A	0.628933	0.122357	0.272151	-3.67442	0.737891	0.772442	-1.2946	0.963131	0.824482	-1.21302	0.314941	1.31944	1.31944	0.758464	0.599327	-1.66854	0.244137	0.89011	-1.56997	0.134156	0.397577	-2.51524	0.941109	0.782095	0.806724	-1.23958	0.804305	0.705333	0.84474	1
cg25518365	C11orf94	0.628922	0.502439	0.733155	-1.36397	0.780725	0.880503	-1.13572	0.986035	0.99205	-1.00801	0.366607	1.52651	1.52651	0.079816	0.412097	-2.42661	0.677281	0.826247	-1.21029	0.843224	0.913658	-1.0945	0.276117	0.596528	-1.67637	0.781302	1.13532	1.13532	0.8002202	2.63564	2.92775	1
cg02884661	MICA	0.628938	0.174542	0.376915	-2.65312	0.686715	1.31512	1.31512	0.755586	0.809801	-1.23487	0.262426	2.02019	2.02019	0.531662	0.651783	-1.53425	0.364687	1.87631	1.87631	0.701847	1.2967	1.2967	0.405846	0.562957	-1.77633	0.629236	1.38914	1.38914	0.8001078	5.78474	6.42601	1
cg25608069	C08RF1	0.628956	0.183199	0.376915	-2.65312	0.686715	1.31512	1.31512	0.755586	0.809801	-1.23487	0.262426	2.02019	2.02019	0.531662	0.651783	-1.53425	0.364687	1.87631	1.87631	0.701847	1.2967	1.2967	0.405846	0.562957	-1.77633	0.629236	1.38914	1.38914	0.8001078	5.78474	6.42601	1
cg08538976	ALDH4A1;ALDH4A1	0.628957	0.228263	0.686927	-1.45576	0.600258	0.854689	-1.17002	0.39628	1.29429	1.29429	0.842343	0.942579	-1.06092	0.225567	0.685278	-1.45926	0.677856	0.883339	-1.13207	0.177484	0.653382	-1.5305	0.745804	0.907926	-1.10141	0.729381	0.716086	-1.39648	0.8001151	1.1175	1.24143	1
cg03445220	C1orf101;C1orf101	0.628964	0.560687	0.80774	-1.23811	0.4719	0.830047	1.1527	1.1527	0.921723	0.606096	0.656974	-1.52054	0.740403	1.35081	1.35081	-1.35081	0.764683	0.84482	-1.18389	0.541541	0.684822	-1.46041	0.0454	0.708546	-1.41132	0.437953	1.23753	1.23753	0.8001078	0.962463	1.03867	1
cg13424766	ZBTB26	0.628971	0.32307	0.70311	-1.42225	0.339499	0.712508	-1.40349	0.121783	0.56129	-1.78161	0.533456	0.804797	-1.24255	0.54354	0.809201	-1.23579	0.142297	0.580938	-1.72135	0.224994	0.644809	-1.55085	0.392676	0.739705	-1.35189	0.690818	0.847487	1.14314	0.800129	1.50233	1.66899	1
cg14931118	ERBB4;ERBB4	0.628974	0.76065	0.844621	-1.18396	0.192701	0.466743	-2.14251	0.955457	0.996858	-1.00315	0.822746	1.13202	1.13202	0.995268	0.618044	-1.61801	0.2615	0.525323	-1.91014	0.139139	0.414867	-2.41041	0.230644	0.490065	-2.00375	0.953705	1.03261	1.03261	0.8002134	3.83974	4.30037	1
cg08891226	PRDM16;PRDM16	0.628981	0.738406	0.916225	-1.09123	0.64486	0.97589	1.02455	0.852745	1.08421	1.08421	0.586145	1.38641	1.38641	0.158732	0.721645	-1.38566	0.189552	1.03105	1.03105	0.879858	0.912814	1.09544	0.247367	0.847958	1.17961	0.448123	1.22825	1.22825	0.8001078	1.25462	1.40486	1
cg21488156	CARKD	0.629005	0.23779	0.642658	-1.55604	0.306631	0.684948	-1.45996	0.883976	1.05359	1.05359	0.374634	1.39615	1.39615	0.760404	1.11556	1.11556	0.330266	0.69828	-1.43218	0.418056	1.34429	1.34429	0.533474	1.25294	1.25294	0.552147	1.23992	1.23992	0.8000979	1.61981	1.79961	1
cg00760425	SNRPG	0.629035	0.760731	0.916225	-1.09123	0.64486	0.97589	1.02455	0.852745	1.08421	1.08421	0.586145	1.38641	1.38641	0.158732	0.721645	-1.38566	0.189552	1.03105	1.03105	0.879858	0.912814	1.09544	0.247367	0.847958	1.17961	0.448123	1.22825	1.22825	0.8001078	1.25462	1.40486	1
cg26702958	FLI41350	0.629027	0.170967	3.91186	3.91186	0.592999	0.603628	-1.65665	0.92568	1.09122	1.09122	0.475611	0.507252	-1.97141	0.417554	0.460642	-2.17088	0.454732	0.490446	-2.03896	0.746047	0.732867	-1.3645	0.207685	0.346618	3.46618	0.966386	0.961338	-1.04022	0.8000446	11.0926	12.3244	1
cg08126148	TCF12;TCF12;TCF12;TCF12	0.629102	0.218966	0.497401	-2.01035	0.567713	0.654725	-1.52736	0.912991	-1.0954	0.867368	0.864545	-1.15636	0.431962	0.222104	1.34599	1.34599	0.144136	0.749885	1.33346	0.14817	0.183587	1.42813	0.597885	1.243433	0.387109	2.583061	0.813173	0.813173	0.8000437	0.813173	0.757046	1
cg13623690	CDTL1	0.629036	0.505145	0.903813	1.10642	0.932388	0.98739	-1.01277	0.996871	1.00059	1.00059	0.585834	0.921008	-1.08577	0.84068	1.03056	1.03056	0.867892	1.00604	1.00604	0.040303	0.708643	-1.41115	0.671985	1.06577	1.06577	0.467194	0.895256	1.117	1.08032	0.283409	0.314887	1
cg16539675	RNASEN;RNASEN;C5orf22;RNASEN;RNA SEN	0.629046	0.96917	0.984059	-1.0162	0.853861	0.926201	-1.07968	0.479649	0.741725	-1.34821	0.194652	0.56528	-1.76904	0.222137	0.586554	-1.70487	0.527258	0.766186	-1.30517	0.394811	1.43672	1.43672	0.730317	0.865998	-1.15474	0.162713	0.538146	-1.85823	0.8000116	2.19041	2.43374	1
cg24237081	SOX5;SOX5	0.629051	0.429352	0.781142	-1.28018	0.389033	0.761924	-1.31247	0.78459	1.08812	1.08812	0.38923	0.761877	-1.31255	0.649675	0.868537	-1.15136	0.616607	0.855912	-1.16834	0.120701	0.595268	-1.67901	0.104178	0.578359	-1.72903	0.779767	0.917225	-1.09025	0.800009	1.20373	1.33746	1
cg23835001	FUNL4;FUNL4	0.629086	0.217827	0.275121	-4.20139	0.448468	0.424625	-2.35502	0.574	1.30214	1.30214	0.142385	0.746271	-1.33947	0.805784	1.1341	1.1341	0.29271	0.39911	-2.50697	0.264196	0.691079	-1.52186	0.918906	0.918514	-1.08871	0.995163	0.990301	-1.00674	0.799957	15.578	17.3585	1
cg16449051	VPS24;VPS24	0.629088	0.769422	1.07616	1.07616	0.813878	1.06066	1.06066	0.922521	1.02459	1.02459	0.411549	1.23329	1.23329	0.73692	1.08784	1.08784	0.196445	1.40646	1.40646	0.115902	1.25556	1.25556	0.249739	0.746531	-1.35038	0.206706	1.19454	1.19454	0.799954	0.790088	0.877926	1
cg12320198	ITPR1;ITPR1;ITPR1	0.629089	0.999749	1.00015	1.00015	0.906101	0.943822	-1.05952	0.140584	0.459925	-2.17427	0.747473	1.1715	1.1715	0.109855	0.425727	-2.34893	0.395752	0.937788	-1.06634	0.775798	1.15017	1.15017	?	?	?	0.887576	1.07177	1.07177	0.786152	2.65697	3.37971	1
cg24545250	KIF18B	0.629097	0.299227	0.722772	-1.38377	0.627728	1.14477	1.14477	0.267494	0.894278	-1.11859	0.373547	1.63444	1.63444	0.139408	0.612168	-1.63348	0.409383	1.28624	1.28624	-1.2655	1.4508	1.4508	0.787385	1.03873	1.03873	0.671702	1.19526	1.19526	0.8000165	1.066	1.17066	1
cg14278614	CAMTA1	0.629104	0.498666	1.21959	1.21959	0.532401	1.20054	1.20054	0.77446	1.08658	1.08658	0.249414	1.41611	1.41611	0.0656817	1.81662	1.81662	0.955207	0.983897	-1.01637	0.562909	1.18418	1.18418	0.528414	0.831437	-1.20274	0.78555	1.08202	1.08202	0.79993	1.05827	1.17596	1
cg12048830	NCAM1;NCAM1;NCAM1	0.629107	0.647655	0.823618	-1.44719	0.830047	1.1527	1.1527	0.921723	0.606096	0.656974	0.74403	1.4522	1.4522	0.941665	0.952767	-1.04957	0.788816	1.19419	1.19419	0.190498	1.02586	1.02586	0.883403	1.10374	1.10374	0.482139	1.60368	1.60368	0.799917	0.55375	0.61541	1
cg07398504	FAM59A	0.629128	0.821965	1.10889	1.10889	0.293972	1.64741	1.64741	0.847089	0.930234	-1.075	0.466294	1.40494	1.40494	0.358144	0.648331	-1.54242	0.11077	2.21859	2.21859	?	?	?	0.905025	0.971665	-1.02916	0.991297	1.00501	1.00501	0.8000783	2.32747	2.96081	1
cg04753691	CCDC141	0.629137	0.442199	1.1704	1.1704	0.512503	0.875135	-1.14268	0.623494	1.10445	1.10445	0.44663	1.16938	1.16938	0.785442	1.05632	1.05632	0.289544	1.247	1.247	0.0652637	1.5152	1.5152	0.599654	1.11221	1.11221	0.880751	1.0306	1.0306	0.79988	0.510077	0.567607	1
cg04569190	CDC42BPB	0.629139	0.585091	1.34863	1.34863	0.417111	0.781357	-1.27937	0.651856	1.16357	-1.63437	0.317393	1.43184	1.43184	0.0931683	0.703933	-1.42066	0.639353	1.20172	1.20172	0.127799	0.98699	0.98699	0.648824	0.779847	-1.2823	0.137365	1.63613	1.63613	0.798877	3.72544	4.14113	1
cg26169668	KCND3	0.629158	0.922883	0.927676	-1.07796	0.495818	0.6802	1.6802	0.214266	0.75601	0.27601	0.882477	1.12153	1.12153	0.661636	1.407	1.407	0.477068	1.75162	1.75162	0.568014	1.56434	1.56434	0.80387	1.21375	1.21375	0.925163	1.07556	1.07556	0.798499	7.61538	8.46313	1
cg12156532	ARHGEF2;ARHGEF2;ARHGEF2	0.629166	0.365204	0.794054	-1.25935	0.448468	0.424625	-2.35502	0.574	1.30214	1.30214	0.142385	0.746271	-1.33947	0.805784	1.1341	1.1341	0.29271	0.39911	-2.50697	0.264196	0.691079	-1.52186	0.918906	0.918514	-1.08871	0.995163	0.990301	-1.00674	0.799957	15.578	17.3585	1
cg02531797	BAT2	0.629167	0.285656	0.844082	-1.18472	0.535023	1.10079	1.10079	0.208289	1.2248	1.2248	0.985055	0.997141	-1.00287	0.470648	1.11872	1.11872	0.900195	0.981003	-1.01936	0.296831	0.847608	-1.17979	0.681911	0.96502	1.06502	0.337282	1.16325	1.16325	0.799832	2.95985	0.328942	1
cg17451471	PSMA5	0.629177	0.518657	1.33183	1.33183	0.177226	0.87602	1.87602	0.164295	1.91532	1.91532	0.531838	1.31962	1.31962	0.370143	1.49639	1.49639	0.455583	1.3949	1.3949	0.321721	0.63869	-1.5657	0.797998	1.11887	1.11887	0.788588	1.24291	1.24291	0.799892	2.42959	2.70015	1
cg10183248	UBTF;UBTF;UBTF	0.629192	0.163737	0.376915	-2.65312	0.686715	1.31512	1.31512	0.755586	0.809801	-1.23487	0.262426	2.02019	2.02019	0.531662	0.651783	-1.53425	0.364687	1.87631	1.87631	0.701847	1.2967	1.2967	0.405846	0.562957	-1.77633	0.629236	1.38914	1.38914	0.8001078	5.78474	6.42601	1
cg05143684	MCF2L;MCF2L	0.629203	0.962145	0.964112	-1.03722	0.134701	1.46202	1.46202	0.101961	1.96867	1.96867	0.833251	0.850149	-1.17626	0.93946	0.943188	-1.06023	0.82202	0.840722	-1.18945	0.599124	1.50449	1.50449	0.583524	0.65289	-1.53165	0.681974	1.37337	1.37337	0.7997783	7.5109	8.34771	1
cg26975500	CLASP1;CLASP1;CLASP1;RNU4ATAC	0.629217	0.879155	0.821803	-1.21688	0.353183

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	f(Error
cg19975218	LOC81149;RAPGEF4	0.629781	0.277794	1.59976	0.662862	1.4907	1.4907	0.605156	1.63534	1.61534	0.838806	0.830888	-1.20353	0.273824	0.354729	-2.81805	0.575692	0.597714	-1.67304	0.119009	0.214395	-4.6643	0.756376	0.753342	-1.52742	0.540308	0.568562	-1.75882	0.79818	10.481	11.6613	1
cg27465858	ANKRD40	0.629782	0.294064	0.803653	-1.24432	0.536987	1.13378	1.13378	0.792476	0.948418	-1.05439	0.148693	1.36493	1.36493	0.408275	0.843764	-1.18517	0.558359	1.12624	1.12624	0.603768	0.900179	-1.11089	0.465138	0.861307	-1.16103	0.701523	1.08042	1.08042	0.798916	0.510433	0.567918	1
cg17369830	EIF2C2;EIF2C2	0.629786	0.79041	0.923736	-1.08256	0.737471	0.904667	-1.10538	0.771011	0.1908	0.1908	0.825446	1.06799	1.06799	0.552311	0.836065	-1.19608	0.24713	0.697406	-1.43388	0.0966213	1.72151	1.72151	0.45221	1.25617	1.25617	0.850707	0.945432	-1.05772	0.798911	1.12218	1.24856	1
cg26266979	IGSF8	0.629788	0.900914	1.01739	1.01739	0.969837	0.99479	-1.00524	0.411371	0.890262	-1.12326	0.0854415	0.768662	-1.30096	0.75252	1.00475	1.00475	0.328519	1.14977	1.14977	0.817453	1.03251	1.03251	0.664797	1.06219	1.06219	0.419381	0.908272	-1.10099	0.798908	0.242296	0.269586	1
cg05562080	KLF3;LIN37	0.629831	0.89911	0.977088	-1.02345	0.0558504	0.673096	-1.48567	0.878312	0.97239	-1.02839	0.809465	1.04513	1.04513	0.582945	1.10665	1.10665	0.735324	1.06396	1.06396	0.845046	0.976617	-1.02441	0.798842	0.742483	0.422473	0.470095	1
cg25596678	DYSF;P1	0.629834	0.822915	-1.25519	0.923676	1.02992	-1.02992	0.479931	0.80405	-1.2437	0.668902	0.87752	-1.13958	0.190214	0.656171	-1.52399	0.911049	1.03452	1.03452	0.0862007	0.562397	-1.7781	0.296464	0.779301	-1.33204	0.798841	1.16696	1.29851	1
cg25939793	NRG2;NRG2;NRG2;NRG2	0.629838	0.259284	0.664733	-1.50436	0.470149	0.774952	-1.2904	0.325205	1.42264	1.42264	0.61974	1.18955	1.18955	0.805293	1.08948	1.08948	0.955829	0.980963	-1.01941	0.149229	0.584699	-1.71028	0.93814	1.0273	1.0273	0.502113	1.26664	1.26664	0.798832	1.52334	1.69507	1
cg06996663	ATP6V1H;ATP6V1H;ATP6V1H	0.629853	0.892156	0.95756	-1.04433	0.623285	1.16659	1.16659	0.455945	0.794899	0.7405	1.088833	1.36264	1.32264	0.955705	1.34598	1.34598	0.342876	1.36672	1.36672	0.341775	0.670932	-1.49047	0.728055	1.11808	1.11808	0.195079	0.727742	-1.37411	0.798811	1.29111	1.43893	1
cg21880624	ETS2	0.629854	0.310144	2.20671	2.20671	0.107802	3.75303	3.75303	0.286563	2.36264	2.30264	0.53128	1.61276	1.61276	0.538144	1.59964	1.59964	0.923025	1.07556	1.07556	0.223885	2.61959	2.61959	0.189478	2.85055	2.85055	0.713746	1.32006	1.32006	0.79807	7.18612	7.9965	1
cg05673731	PTPRU;PTPRU;PTPRU	0.629856	0.836855	0.916751	-1.09081	0.417699	1.41782	1.41782	0.472569	1.36069	1.36069	0.617718	1.23628	1.23628	0.09048815	0.455521	-2.19529	0.78178	1.12418	1.12418	0.800316	0.898666	-1.11276	0.680505	1.1907	1.1907	0.388095	0.688734	-1.45194	0.798806	2.24822	2.50176	1
cg04573157	FBMD4A	0.629856	0.105289	0.536807	-1.86361	0.0954957	1.3057	1.3057	0.757823	0.896982	-1.11465	0.610979	0.834095	-1.19761	0.283673	1.44609	1.44609	0.455553	0.756055	1.32265	0.382296	1.00783	1.00783	0.998141	1.00916	1.00916	0.990598	1.04605	1.049617	1.04816	1.04816	0.798805	1.56328	1.73958	1
cg09932350	PTPRN2;PTPRN2;PTPRN2	0.629858	0.615754	1.20567	1.20567	0.709305	1.14845	1.14845	0.374348	0.731882	1.10443	1.10443	0.439042	1.33873	1.33873	0.998048	1.00049	1.00049	0.0596249	2.19395	2.19395	0.51255	1.27825	1.27825	0.646586	1.18606	1.18606	0.798802	1.7284	1.92333	1
cg25762960	GS-103	0.629873	?	?	?	0.848435	0.914568	1.09355	0.695883	1.20181	1.20181	0.738005	0.854641	-1.17008	0.212607	0.541127	-1.84799	0.759915	0.866396	-1.15421	0.324172	1.61038	1.61038	0.262062	1.81212	1.81212	0.431977	1.45534	1.45534	0.798458	2.41923	3.08199	1
cg10983539	LOC440926;HIF3A	0.629878	0.581775	0.893901	-1.11869	0.258921	1.26805	1.26805	0.156702	1.12733	1.12733	0.190343	0.75607	-1.32263	0.494172	0.15025	-6.65251	0.337658	1.20023	1.20023	0.668398	1.09077	1.09077	0.3139997	1.23362	1.23362	0.732462	1.07163	1.07163	0.798772	0.51427	0.57229	1
cg21210370	BA1	0.629879	0.382447	1.87113	1.87113	0.112706	3.346	3.346	0.23629	2.36724	2.36724	0.615831	1.42459	1.42459	0.645917	1.31064	1.31064	0.625283	1.41099	1.41099	0.226548	2.43069	2.43069	0.295949	2.13419	2.13419	0.544271	1.53618	1.53618	0.798177	6.18997	6.88834	1
cg04972623	LOC653488;SCGB1C1	0.629882	0.524504	1.20264	1.52469	1.2494	1.2494	1.22427	1.63009	1.25005	1.25005	0.760911	1.09076	1.09076	0.733711	0.902926	-1.10751	0.89104	1.07093	1.07093	0.284466	0.771728	-1.39445	0.747942	0.908456	-1.10127	0.950734	0.750344	-1.33272	0.798756	1.13133	1.25899	1
cg14352983	L3MBTL4	0.629892	?	?	?	?	0.209096	0.191494	-5.2221	0.491812	2.3367	2.3367	0.345997	0.306582	-3.26177	?	?	?	?	?	0.613006	0.538308	-1.85767	0.734872	0.662025	-1.51052	0.581809	1.9652	1.9652	0.748707	1.31816	17.7353	1
cg27099500	PLEKHG3	0.629892	0.185163	0.3538	-2.82645	0.870886	0.886376	-1.1277	0.570201	0.640549	-1.52847	0.503936	1.65038	1.65038	?	?	?	0.153024	3.11015	3.11015	0.994436	0.906499	-1.10315	0.715521	1.31081	1.31081	0.903569	1.09704	1.09704	0.798429	6.04164	7.69705	1
cg20780454	TMEM52	0.629904	0.358289	0.295852	0.38006	0.381028	0.313984	-1.38488	0.893093	0.844838	-1.18929	0.491857	0.406544	-2.45976	?	?	?	0.142459	7.63452	7.63452	0.381788	0.316202	-1.62654	0.830418	0.758677	-1.31824	0.670843	0.576285	-1.73525	0.794911	18.3672	21.4003	1
cg06228542	CD63;CD63	0.629947	0.796177	0.909495	-1.09951	0.61078	0.828518	-1.20697	0.382031	0.719952	-1.38898	0.352031	0.703983	-1.42049	0.538746	0.796045	-1.25621	0.062064	0.463049	-2.1596	0.824429	0.921794	-1.08484	0.494186	1.28974	1.28974	0.978189	1.01007	1.01007	0.798669	1.699	1.89093	1
cg00583551	RIPK2	0.629947	0.78914	1.09767	1.09767	0.401436	1.39588	1.39588	0.134797	0.960704	0.88304	-1.01725	0.287854	1.46765	1.46765	0.213734	1.50603	1.50603	0.42324	1.32894	1.32894	0.275822	0.674255	1.48312	0.999012	1.00097	0.423884	1.3284	1.3284	0.798669	2.13756	2.70182	1
cg03466841	MPP6	0.629958	?	?	?	?	0.847208	0.847208	0.207007	-1.21358	0.975177	0.980097	-1.01102	0.191225	0.695749	-1.4373	0.407729	0.772185	-1.29503	0.841259	1.50741	0.922901	1.0347	1.0347	0.704075	0.903872	-1.10635	0.798652	1.57028	1.7477	1
cg02162097	GPKOW	0.629962	0.280227	0.36687	-2.72635	0.704824	0.914568	1.09355	0.695883	1.20181	1.20181	0.738005	0.854641	-1.17008	0.212607	0.541127	-1.84799	0.759915	0.866396	-1.15421	0.324172	1.61038	1.61038	0.262062	1.81212	1.81212	0.431977	1.45534	1.45534	0.798458	2.41923	3.08199	1
cg24859375	LPCAT3	0.629965	0.910797	1.09298	1.09298	0.0588012	1.43675	1.43675	0.20645	2.87806	2.87806	0.930467	1.07169	1.07169	0.797819	1.22586	1.22586	0.841805	1.82764	1.82764	0.208331	2.86563	2.86563	0.874577	1.14341	1.14341	0.886665	0.893032	-1.11978	0.774058	0.795858	1.2565	0.798643	7.96014	8.85963	1
cg13457890	LRDD;LRDD;LRDD	0.629976	0.88562	1.02193	1.02193	0.34197	1.15899	1.15899	0.648925	1.07151	1.07151	0.425277	1.13054	1.13054	0.383206	1.14425	1.14425	0.31697	0.85565	-1.1687	0.658239	0.935115	-1.06939	0.416336	0.882334	-1.13336	0.246374	0.833034	-1.20043	0.798626	0.287237	0.319702	1
cg01102487	SAMD12;SAMD12;SAMD12;SAMD12	0.629979	0.889561	1.02193	1.02193	0.357115	1.16455	1.16455	0.648925	1.07151	1.07151	0.425277	1.13054	1.13054	0.383206	1.14425	1.14425	0.306022	0.876882	-1.14066	0.615222	0.945185	-1.05833	0.329079	0.785367	-1.27329	0.781019	0.9021	-1.10852	0.798622	1.72885	1.92426	1
cg00129651	RAPGEF1	0.629982	0.117689	0.111465	-8.97144	0.857014	1.26225	1.26225	0.660965	0.50589	-1.97671	0.323064	0.267664	-3.73602	0.237433	0.20226	-4.94413	0.602566	0.507435	-1.9707	0.15768	0.142153	-7.03468	0.432774	0.355677	-2.81154	0.458287	0.377105	-2.65178	0.798617	21.0904	23.4744	1
cg26378910	PRKD2;PRKD2;PRKD2;PRKD2	0.629982	0.558737	1.16061	1.16061	0.370885	1.22888	1.22888	0.334064	0.597128	-1.67468	0.55839	1.35018	1.35018	0.382232	0.558919	-1.78949	0.46035	1.47112	1.47112	0.613849	0.707427	-1.41353	0.440403	1.25244	1.25244	0.708617	0.43008	0.43008	0.798619	1.43198	1.84178	1
cg08120950	THOC2	0.629984	0.271993	1.283636	-1.77387	0.489556	0.283951	-3.52174	0.861066	0.730384	-1.36914	0.209601	0.10752	10.7152	10.71201	3.20969	3.20969	0.172187	0.738133	-1.35477	0.81749	0.554404	-1.80374	0.911202	1.2215	1.2215	0.798614	10.6846	45.2836	1
cg25796445	RIC8A;BET1L;BET1L	0.629984	?	?	?	0.177213	0.266749	-3.74884	?	?	?	?	0.714768	1.4024	1.4024	?	?	?	?	?	0.801488	1.26127	1.26127	0.328879	0.395151	-2.53068	0.826309	0.816695	-1.22445	0.714595	5.33774	11.9514	1
cg28443022	MAPK8IP1	0.629984	0.266176	1.89422	1.89422	0.332814	1.73467	1.73467	0.417078	1.57975	1.57975	0.414158	1.39572	1.39572	0.338085	1.72373	1.72373	0.398363	1.61085	1.61085	0.471263	0.849599	1.4979	1.4979	0.193362	2.40398	2.40398	0.168634	2.24516	2.24516	0.798613	3.84517	4.27983	1
cg25590036	PTPRN2;PTPRN2;PTPRN2	0.62999	0.9345	1.036	1.036	0.106188	2.13641	2.13641	0.257792	1.66209	1.66209	0.929831	0.962816	-1.03862	0.537142	1.30848	1.30848	0.840167	0.916785	-1.09077	0.210186	1.76498	1.76498	0.795333	1.11834	1.11834	0.553118	0.772487	-1.29452	0.798605	0.24135	0.26805	1
cg04757189	PTPRS;PTPRS;PTPRS;PTPRS	0.630008	0.577337	1.06536	-1.07553	0.0745606	1.25469	1.25469	0.175384	1.32004	1.32004	0.262624	1.48209	1.48209	0.271504	1.32844	1.32844	0.241932	1.42437	1.42437	0.233832	1.24265	1.24265	0.227527	1.33904	1.33904	0.127983	1.24485	1.24485	0.798603	2.40962	2.68055	1
cg17081976	LOC375190;PPM	0.630008	0.82518	0.933627	-1.07109	0.127056	0.599118	-1.66912	0.78633	1.08801	1.08801	0.292565	1.40353	1.40353	0.273329	0.701938	-1.42463	0.938656	0.976389	-1.02418	0.515313	0.81481	-1.22728	0.856827	0.945478	-1.05767	0.502848	1.23503	1.23503	0.798578	1.21893	1.35678	1
cg15815114	CUL4B;CUL4B	0.630014	0.208449	0.329715	-3.03292	0.357926	0.453385	-2.20563	0.607114	0.647937	-1.54336	0.188024	1.21299	1.21299	0.760327	1.29175	1.29175	0.2486	0.36455	-2.74111	0.871336	0.875175	-1.14525	0.983029	0.903601	-1.10668	0.963816	0.964819	-1.03646	0.798569	0.85407	0.93548	1
cg14817867	PIP5AP2	0.630036	0.611927	1.1482	1.1482	0.0758211	0.854891	-1.1688	0.233969	1.44344	1.44344	0.81746	0.85698	-1.16712	0.354599	1.40455	1.40455	0.310299	1.25738	1.25738	0.3877217	1.74	1.80174	1.80174	0.564267	1.96258	1.96258	0.00376	0.798536	1.1907	3.55173	1
cg21473514	CNorf39	0.630053	0.226053	0.312087	-3.20424	0.790414	0.783485	-1.27635	0.951963	0.946309	-1.05674	0.239883	0.38728	3.08728	0.301501	2.66604	2.66604	0.213799	0.301472	-3.31706	0.932825	0.925682	-1.08029	0.972099	1.03256	1.03256	0.89235	1.13205	1.13205	0.79851	1.01619	1.1813	1
cg24237636	PLCL1;PLCB1	0.630058	0.723636	1.12508	1.12508	0.737386	0.894309	-1.11153	0.465172	1.27984	1.27984	0.176104	1.65225	1.65225	0.160784	0.800494	1.25592	1.25592	0.24069	1.65158	1.5034	0.281574	1.44987	1.44987	0.777111	0.910092	-1.09879	0.827601	0.751671	1.15153	1.15153	0.798504	1.93947	2.3532	1
cg18071532	MEMO16C	0.630061	0.501041	0.7573	-1.32032	0.646224	1.20869	1.20869	0.392256	?	?	?	?	?	?	?	?	0.649119	1.20665	1.20665	0.089015	0.463399	-2.15797	0.421389	1.4001	1.4001	0.021884	0.960872	-1.04072	0.798499	2.12684	2.3676	1
cg15690052	ELMO1	0.630072	0.430572	1.26513	1.26513	0.0878489	1.85928	1.85928	-1.16302	0.848498	1.04887	-1.04187	0.872683	1.0644	1.0644	0.617784	1.50601	1.50601	1.15842	0.259036	0.708803	-1.41083	0.213658	1.44634	1.44634	0.139535	0.717178	0.717178	0.798485	1.09396	1.09396	0.798485	1.20294	1	
cg03613618	PGCP	0.630072	0.199839	2.04142	2.04142	0.314114	1.73072	1.73072	0.396238	1.58054	1.58054	0.82817	0.89178	-1.12135	0.913678	0.944665	1.0588	0.497755	1.43721	1.43721	0.739059	1.19261	1.19261	0.842485	1.23592	1.23592	0.971021	0.981041	-1.01933	0.798482	3.5111	3.90864	1
cg23432930	CHFR;CHFR;CHFR;CHFR;CHFR	0.630085	0.577337	1.06536	-1.07553	0.0745606	1.25469	1.25469	0.175384	1.32004	1.32004	0.262624	1.48209	1.48209	0.271504	1.32844	1.32844	0.241932	1.42437	1.42437	0.233832	1.24265	1.24265	0.227527	1.33904	1.33904	0.127983	1.24485	1.24485	0.798603	2.40962	2.68055	1
cg09451305	PNKP	0.630089	0.410381	1.14028	1.14028	0.774731	0.956241	-1.04576	0.329805	0.854857	-1.16979	0.660808	1.06958	1.06958	0.918832	1.01602	1.01602	0.111225	1.31069	1.31069	0.827808	0.966602	-1.03455	0.348766	1.16232	1.16232	0.400637	1.14557	1.14357	0.798456	0.307503	0.34233	1
cg16917111	ZFP37	0.630102	?	?	?	?	?	?	?	?	?	?	0.607762	0.708234	1.41409	?	?	0.754633	0.713249	-1.40203	0.285411	1.97811	1.97811	?	?	0.804256	0.863627	-1.15791	0.798746	1.49265	2.12705	1
cg27391816	SLC35E2	0.630116	0.536872	0.641908	-1.55786	0.98943	1.00944	1.00944	0.329675	0.488023	-2.04908	0.317557	0.388667	2.50836	0.442746	0.574178	1.74162	0.750443	0.797549	-1.25384	0.474412	0.59707	1.67484	0.625104	1.41776	1.41776	0.108641	0.260737	-3.83529	0.798417	0.55809	0.70521	1
cg06757487	RNF151	0.630122	0.470691	0.873569	-1.14473	0.0683011	0.686616	-1.45642	0.218012	0.787664	-1.26958	0.71441	1.07004	1.07004	0.754962	0.943962	-1.05936	0.381857	0.847723	-1.17963	0.796556	0.953527	-1.04874	0.870635	1.03048	1.03048	0.626549	0.913635	-1.09453	0.798407	0.429029	0.47765	1
cg19943576	ARHGAP27;ARHGAP27	0.630189	0.808859	1.10502	1.10502	0.601228	1.37472	1.37472	0.515682	0.762155	-1.31207	0.113841	0.210173	2.01374	0.210173	0.852403	-1.15807	0.948061	1.0272	1.0272	0.711574	0.913715	1.01374	1.01374	0.877065	1.06587	1.06587	0.432447	1.39115	1.39115	0.798402	1.14727	1.39063	1
cg07275571	PIP4K2A	0.630131	0.538642	1.30359	1.30359	0.680735	1.19267	1.19267	0.610252	1.24473	1.24473	0.976972	1.01237	1.01237	0.661749	1.20621	1.20621	0.596336	1.25565	1.25565	0.0345499	2.85668	2.85668	0.569137	1.2777	1.2777	0.434872	1.40398	1.40398	0.798394	2.2933	2.55324	1
cg02671790	DEF8;15	0.630314	0.265324	0.615344	-1.62515	0.329703	0.656357	-1.52356	0.233201	0.591762	-1.68987	0.406196	1.42717	1.42717	0.747907	0.873761	-1.14448	0.884991	0.942115	-1.06246	0.346288	1.50077	1.50077	0.409071	1.13282	1.13282	0.93209	0.964953	-1.03632	0.798381	2.2155	2.46655	1
cg14144528	LOC100292680	0.630441	0.936694	0.940158	-1.06361	0.748399	1.3057	1.3057	-1.15121	0.122081	1.3057	1.3057	0.713583	-1.40138	0.902909	0.0975	-10.2564	0.387734	0.827133	1.20901	0.748107	0.883197	1.13239	1.13239	0.693238	1.36067	1.36067	0.969813	0.971032	1.02969	0.798379	7.6303	8.49312	1
cg22004844	EHD1	0.630166	0.529586	1.14827	1.14827	0.781002	0.941289	-1.06237	0.831535	0.954805	-1.04733	0.343304	1.23608	1.23608	0.902125	1.15933	1.15933	0.442679	1.18522	1.18522	0.15128	2.716174	2.716174	1.139631	0.653272	1.10315	1.10315	0.266593	1.28568	1.28568	0.798342	0.595911	0.663499	1
cg07857225	PLXND1	0.630417	0.378845	1.29044	1.29044	0.2455	1.67475	1.67475	0.210664	1.45792	1.45792	0.313922	1.26693	1.26693	0.0975	2.14285	2.14285	0.134837	1.31922	1.31922	0.26693	1.60786	1.60786	0.2284	1.84778	1.84778	0.0975	2.62684	2.62684	0.798336	3.1579	3.43525	1
cg00084338	DLL1	0.630173	0.481484	0.708195	-1.41204	0.842815	1.10047	1.10047	0.166532	0.490988	-2.03671	0.583435	0.765625	-1.30612	0.428616	1.47653	1.47653	0.436819	0.682136	-1.46598	0.274574	0.577981	-1.73016	0.978985	1.01278	1.01278	0.163344	1.56911	1.56911	0.798331	2.94033	3.27386	1
cg22886643	FNIP2	0.630183	0.887551	0.806139	-1.24048	0.266761	1.32516	1.32516	0.422353	0.839206	-1.19128	0.187243	0.711693	-1.4051	0.994418	0.999823	-1.00018	0.860993	0.960808	-1.04079	0.794267	1.16497	1.16497	0.0994185	1.02974	1.02974	0.289386	1.31105	1.31105	0.798321	0.748574	0.833498	1
cg11145055	C1orf101;C1orf101	0.630192	0.31596	1.52187	1.52187	0.656891	0.834368	-1.19851	0.826181	0.914771	-1.09317	0.752474	0.897722	-1.13672	0.263356	0.623578	1.60365	0.326849	0.663658	1.5068	0.251121	0.615287	-1.62526	0.307999	0.53325	1.53325	0.94055	1.00277	1.00277	0.798304	0.2042	2.30956	1
cg20962137	COL29A1;COL29A1;COL29A1	0.630196	0.721694	1.07661	1.07661	0.435392	1.17851	1.17851	0.914327	1.02246	1.02246	0.31287	1.24042	1.24042	0.766936	1.06326	1.06326	0.46982	0.859192	-1.16388	0.8878831	0.677895	-1.47516	0.919647	1.02104	1.02104	0.874375	0.967872	-1.03319	0.798297	0.53582	0.59969	1
cg24859528	IQSEC1;IQSEC1	0.630201	0.911971	0.92511	-1.08093	0.814004	1.14007	1.14007	0.0246	0.377812	0.816312	-1.22502	0.840476	1.19005	0.814004	1.22848	1.22848	0.737132	0.902592	-1.10781	0.615966	0.737132	1.35617	1.35617	0.0246	4.06586	4.06586	0.798289	0.60003	0.708184	1	
cg26117834	SMTNL2	0.630208	0.474207	0.633565	-1.57837	0.748864	1.46933	1.46933	0.402493	1.67545	1.67545	0.957003	0.966756	-1.03439	0.360231	0.554418	1.80369	0.920296	1.06477	1.06477	0.996503	1.00275	1.00275	0.995584	0.849761	-1.1768	0.934762	0.94956	-1.05268	0.798279	4.7974	5.53569	1
cg13521449	TTYH2;MGC16275	0.630211	0.753806	1.09744	1.09744	0.488588	1.02218	1.02218	0.731493	0.84192	-1.18792	0.597645	0.466634	2.14297	0.725482	0.878423	1.13847	0.877706	0.944256	-1.05925	0.704455	0.838345	1.19255	1.19255	0.125712	1.25712	1.25712	0.0964055	0.798266	1.18886	1.50533	1.63	1
cg22162478	FLJ45340	0.630215	0.381736	0.644661	-1.5512	0.200587	0.516031	-1.93787	0.432535	0.675717	-1.47991	0.658503	0.804411	-1.24315	0.300553	0.591567	1.69043	0.619839	0.782915	-1.27728	0.453178	1.45349	1.45349	0.202043	0.517256	-1.93328	0.257493	0.56085	-1.78301	0.798268	1.02789	3.37162	1
cg04720665	HNRNPU;HNRNPU	0.630231	0.269519	0.804152	-1.24324	0.708711	0.931409	-1.07364	0.227232	1.27128	1.27128	0.733251	0.86964	1.60964	0.842541	1.03818	1.03818	0.719415	0.933976	-1.07069	0.741695	0.870559	-1.14869	0.9412	0.741107	-1.34933	0.865517	0.968415	-1.03261	0.798245	0.453246	0.504713	1
cg00374629	PPFIA3	0.630238	0.82131	0.9308	1.0308	0.331575	1.1497	1.14379	0.12408	1.03164	1.03164	0.602708	1.16164	1.16164	0.0298714	1.68954	0.882619	0.997083	1.03925	1.03925	0.842242	0.80454	1.04121	1.04121	0.103465	2.52356	2.52356	0.0062066	0.117852	0.798243	1.03138	0.735125	0.227368	0.25319	1
cg04683035	WDR60	0.630238	0.826231	0.956236	-1.04577	0.50465	1.14774	1.14774	0.344951	1.21894	1.21894	0.335166	1.2242	1.2242	0.772385	0.942678	-1.06081	0.103997	1.43591	1.43591	0.373162	0.83021	-1.20451	0.872692	0.967888	-1.03158	0.840119	1.04197	1.04197	0.798234	0.523712	0.583189	1
cg08624180	MMP16;MMP16	0.630242	0.344264	0.70104	-1.42222	0.715641	1.01444	1.01444	0.84816	1.07027	1.07027	0.679422	1.15861	1.15861	0.0997	1.17607	1.17607	0.280959	0.649338	1.53977	0.0952183	1.418	1.418	0.0984511	1.45683	1.45683	0.0170131	1.81564	1.81564	0.798228	1.588	1.76702	1
cg06722585	CASKIN1	0.630253	0.153206	1.25174	1.25174	0.666627	1.06569

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1 047 vs. N vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1 057 vs. N vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1 117 vs. N vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1 127 vs. N vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1 217 vs. N vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3 477 vs. N vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3 537 vs. N vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5 377 vs. N vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5 637 vs. N vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg07158495	MEST;MEST;MEST;VASH2;VASH2;VASH2;VASH2;VA	0.630786	0.175629	0.405905	-2.30997	0.358298	0.577427	-1.73182	0.568208	0.715094	-1.39842	0.436039	0.630038	-1.58721	0.103243	0.354836	-2.8182		0.416444	0.617035	-1.62065	0.933195	1.04995	1.04995	0.645529	1.51226	1.31226	0.884566	0.919012	-1.08813	0.797401	4.26843	4.75816	1
cg03768777	SH2	0.630815	0.363969	1.23249	1.23249	0.363406	1.22281	1.22281	0.844474	1.04499	1.04499	0.863655	1.03956	1.03956	0.644561	1.1097	1.1097		0.282828	0.778768	-1.28408	0.158888	0.689991	-1.44929	0.846466	1.04379	1.04379	0.900667	0.972408	-1.02837	0.797372	0.934008	0.760276	1
cg01112148	FBXL12	0.630823	0.514443	1.33258	1.33258	0.235009	0.593905	-1.68377	0.399816	0.697076	-1.43456	0.927886	0.962809	-1.03863	0.624857	0.813563	-1.22916		0.57222	0.787454	-1.26991	0.070734	0.429355	-2.32908	0.706376	0.85346	-1.1717	0.752013	0.875707	-1.14393	0.797362	2.2137	2.46781	1
cg13126652	TM7SF4	0.630823	0.231631	2.8885	2.8885	0.573965	1.61655	1.61655	0.874988	0.875365	-1.14238	0.628605	1.50997	1.50997	0.817319	1.21608	1.21608		0.263726	0.67786	2.67786	0.063696	0.639636	4.68121	0.624123	3.0275	3.0275	0.50417	1.77371	1.77371	0.79336	9.0272	10.0634	1
cg21022776	RAP1GAP2;RAP1GAP2	0.630825	0.930551	1.02526	1.02526	0.588493	0.8553	-1.16918	0.49875	0.821599	-1.21714	0.057533	0.540842	-1.84897	0.560974	1.1832	1.1832		0.536762	0.836116	-1.19601	0.932912	1.02438	1.02438	0.962719	1.01347	1.01347	0.860916	0.764331	-1.30833	0.797358	1.03403	1.15273	1
cg12105030	KIAA1324L	0.63083	0.974955	1.01174	1.01174	0.167592	0.57865	-1.72816	0.85449	1.07066	1.07066	0.973765	0.987844	-1.01231	0.604062	0.823191	-1.21478		0.206644	1.6411	1.6411	0.634911	0.837026	-1.19471	0.20501	0.608141	-1.64436	0.632955	0.836153	-1.19595	0.79735	1.74676	1.94729	1
cg08776742	SLC25A19;SLC25A19;SLC25A19	0.63084	0.557313	1.17966	1.17966	0.247034	1.30555	1.30555	0.334749	1.24499	1.24499	0.820821	0.951258	-1.05124	0.448133	0.843425	-1.18564		0.261343	0.725577	-1.3437	0.410921	0.830926	-1.20348	0.73181	0.927026	-1.07872	0.525394	1.15229	1.15229	0.79335	0.612725	0.689381	1
cg00815509	NCOR2;NCOR2	0.630843	0.418231	1.37321	1.37321	0.923122	0.923754	1.08312	0.270738	2.37038	2.37038	0.613273	1.61373	1.61373	0.182831	1.19461	1.19461		0.429503	1.9391	1.93991	0.116787	3.73205	3.73205	0.226217	0.84081	2.84081	0.810516	0.820898	1.21818	0.797331	8.52518	9.50413	2
cg24677501	FKBP2;FKBP2;FKBP2	0.630853	0.570885	0.892542	-1.1204	0.528355	1.13518	1.13518	0.808612	1.04934	1.04934	0.955731	0.989042	-1.01108	0.167221	0.746587	-1.33943		0.85986	1.0357	1.0357	0.266205	0.794576	-1.25853	0.959627	1.0101	1.0101	0.207956	1.30151	1.30151	0.797315	0.497484	0.554621	1
cg00639485	DDX11;DDX11;DDX11	0.630862	0.803219	1.15074	1.15074	0.335126	1.21299	1.21299	0.64074	1.07786	1.07786	0.91245	1.10245	1.10245	0.858887	1.15523	1.15523		0.50531	0.683834	-1.4624	0.253986	0.551842	1.81198	0.353772	0.963738	1.03764	0.885144	1.00984	1.00984	0.797302	3.99162	4.49201	1
cg25404263	RAB20	0.630863	0.905398	1.05932	1.05932	0.474472	1.42272	1.42272	0.163928	2.05443	2.05443	0.207034	1.90598	1.90598	0.609838	0.779214	1.28334		0.363501	0.635927	-1.57251	0.12655	0.799256	1.25116	0.558896	0.966667	1.02046	1.02046	0.9703	0.972473	0.96485	3.30766	1
cg02545619	SYT7	0.63088	0.750777	0.969707	-1.03124	0.219894	0.497552	-2.01114	0.135053	0.875419	-1.14231	0.403398	0.931818	-1.07317	0.993022	0.999278	-1.00072		0.332005	0.918976	-1.08817	0.950438	0.960324	1.04184	0.943463	0.877209	-1.13998	0.936816	0.930848	-1.07429	0.797274	0.08612	0.098248	1
cg14553436	CNNM2;CNNM2	0.630881	0.776232	1.07966	1.36256	0.10152	2.01223	7.01223	0.104957	3.79695	3.79695	0.255337	0.275492	-3.62987	0.960319	0.947033	-1.05593		0.870957	1.18318	1.18318	0.911073	1.12895	1.12895	0.862162	1.20763	1.20763	0.804578	0.764044	1.30883	0.797274	14.8816	16.5916	1
cg22994198	ADAMTSL5 FAM172A;FAM172A;FAM172A;FAM172	0.630888	0.480817	1.25815	1.25815	0.251668	0.681294	-1.46779	0.67818	0.874838	-1.14307	0.569151	1.20247	1.20247	0.134807	0.596524	-1.67638		0.838021	1.06779	1.06779	0.731145	0.895361	-1.11687	0.427652	1.29631	1.29631	0.553618	0.817068	-1.22389	0.797263	1.29664	1.44566	1
cg09848695	A;MIR2277	0.630902	0.27949	0.730362	-1.36918	0.325839	1.32779	1.32779	0.204186	0.687647	-1.45424	0.614632	1.15243	1.15243	0.660812	0.883909	-1.13134		0.26408	0.722287	-1.38449	0.41717	0.793164	-1.26077	0.943534	1.01999	1.01999	0.585073	0.8572	-1.16659	0.797242	0.986176	1.09954	1
cg07872562	CNN3	0.630921	0.729115	0.919969	-1.08707	0.301995	0.773552	-1.29277	0.375573	1.24456	1.24456	0.373843	0.802759	-1.2457	0.774233	1.07151	1.07151		0.49481	0.846646	-1.18113	0.144375	1.45724	1.45724	0.709838	0.914358	1.0939	0.574687	0.992409	-1.00765	0.797214	0.728127	0.811857	1
cg16512945	VPS54;VPS54	0.630939	0.911683	1.03759	1.03759	0.314252	1.04302	1.04302	0.788137	0.960027	-1.11108	0.928812	0.96566	-1.03556	0.423679	0.72648	-1.3765		0.173437	1.76192	1.76192	0.83634	0.922294	-1.08425	0.46581	1.33675	1.33675	0.132205	0.529743	-1.88771	0.797388	1.93078	2.15288	1
cg02137402	IQUB	0.630954	0.42105	0.918652	-1.08855	0.589799	0.945366	-1.05779	0.793746	1.02742	1.02742	0.697377	1.04116	1.04116	0.972032	0.996388	-1.00363		0.709251	0.962076	-1.03942	0.534005	0.937053	-1.06718	0.714575	0.962795	-1.03864	0.067412	0.5	1.23558	1.23558	0.797165	0.134525	0.150004	1
cg13370439	MSTO1;MST4;MST4	0.630962	0.411446	0.46565	-2.14777	0.186979	0.280313	-3.5716	0.768234	1.30856	1.30856	0.278734	2.78695	2.78695	0.010099	1.2318	1.2318		0.300522	0.376691	-2.6547	0.061848	0.148883	6.71683	0.147455	0.207736	0.207736	0.007791	1.11121	1.11121	0.797152	10.4564	11.6597	1
cg06007607	CYB5A;CYB5A;CYB5A	0.63099	7	7	7	0.254216	4.86288	4.86288	0.262841	4.62063	4.62063	7	7	7	7	7	7		7	7	7	0.852955	7	7	7	0.172739	7	7	7	0.348301	17.1981	1
cg26040075	C1orf159	0.630994	0.532654	1.36846	1.36846	0.196636	0.507828	1.96917	0.170988	0.484945	-2.06207	0.425472	1.49773	1.49773	0.349435	0.852955	-1.17239		0.764184	1.16106	1.16106	0.948572	1.03254	1.03254	0.88134	1.56154	1.56154	0.900123	1.06431	1.06431	0.797105	3.11022	3.46835	1
cg20885198	DUSP3	0.631004	0.554105	0.867042	-1.15335	0.588059	0.877768	-1.13925	0.406651	1.2243	1.2243	0.103961	1.51615	1.51615	0.911237	1.02694	1.02694		0.801553	0.941729	-1.06188	0.210375	1.36979	1.36979	0.586288	1.13997	1.13997	0.596277	1.13594	1.13594	0.79709	0.717452	0.800079	1
cg12565636	IDO2	0.631007	0.320885	0.401536	-2.49044	7	7	7	0.212116	0.310575	-3.21983	0.752594	1.36872	1.36872	0.155015	0.258212	-3.87278		0.972903	1.03068	1.03068	0.250095	0.943248	-2.91335	0.539306	0.575258	-1.73835	0.756439	0.758208	-1.3188	0.797284	0.832736	0.727765	11.1431	1
cg12421819	CENPQ;MUT;CENPQ	0.631008	0.77246	0.942642	-1.06051	0.407318	1.18739	1.18739	0.533524	1.137	1.137	0.967865	0.99187	-1.0082	0.898001	1.24986	1.24986		0.804424	1.05156	1.05156	0.887021	0.682529	-1.46514	0.89531	0.973675	-1.02704	0.880684	0.970022	-1.0309	0.797084	0.518356	0.578058	1
cg08642814	KIAA0562	0.631028	0.970218	0.983252	-1.01703	0.35017	1.54506	1.54506	0.0655351	2.54746	2.54746	0.324095	1.58523	1.58523	0.777051	0.87947	-1.13705		0.70861	0.843796	-1.18512	0.817144	1.11047	1.11047	0.950389	1.02855	1.02855	0.70651	0.842704	-1.18666	0.797053	2.58374	2.88144	1
cg10599735	LYRM2;PELO	0.631032	0.589165	0.895149	-1.11713	0.737604	1.07003	1.07003	0.888137	1.0291	1.0291	0.072685	1.66814	1.66814	0.749568	0.770948	1.07546	1.07546	0.264291	0.79107	-1.26405	0.553998	0.88553	1.12928	0.885668	0.820948	1.20936	0.66096	0.914955	-1.09295	0.797048	0.55196	0.570851	1
cg08674236	WHSC1;WHSC1;WHSC1;WHSC1	0.631034	0.891518	0.948986	-1.05376	0.393634	1.39836	1.39836	0.917836	1.04039	1.04039	0.509194	1.29297	1.29297	0.194553	0.754732	1.32775		0.681595	1.71512	1.71512	0.63994	0.834616	-1.19816	0.180185	1.72654	1.72654	0.786824	1.10962	1.10962	0.797037	1.85867	2.07287	1
cg17848531	SSFA2;SSFA2	0.631051	0.495457	1.15111	1.15111	0.404858	1.1892	1.1892	0.935375	1.01662	1.01662	0.369993	0.829294	-1.20585	0.115544	1.41583	1.41583		0.523441	0.876803	-1.14051	0.762031	1.06369	1.06369	0.925357	0.981128	-1.01924	0.318172	1.2334	1.2334	0.79702	0.521806	0.581952	1
cg16310613	C12orf12	0.631064	0.731984	1.08622	1.08622	0.11581	0.379974	2.63199	0.0178919	0.14188	0.14188	0.457198	1.12744	1.12744	0.678919	1.10548	1.10548		0.866923	1.04794	1.04794	0.841247	0.955163	1.04672	0.955163	1.01458	-1.01458	0.942969	1.05163	1.05163	0.797002	1.28239	1.43024	1
cg18816107	PSMD4;PSMD4	0.631064	0.688777	0.924082	-1.08215	0.836751	0.960346	-1.04129	0.316245	1.22531	1.22531	0.544133	0.886567	-1.12795	0.209583	0.771562	-1.29607		0.779543	1.05657	1.05657	0.370504	0.834985	-1.19763	0.216042	1.29088	1.29088	0.729861	0.93428	-1.07034	0.797	0.485446	0.541415	1
cg20113340	SUPT5H;SUPT5H;SUPT5H;SUPT5H	0.631070	0.367996	1.36496	1.36496	0.196636	0.507828	1.96917	0.170988	0.484945	-2.06207	0.425472	1.49773	1.49773	0.349435	0.852955	-1.17239		0.764184	1.16106	1.16106	0.948572	1.03254	1.03254	0.88134	1.56154	1.56154	0.900123	1.06431	1.06431	0.797105	3.11022	3.46835	1
cg27657283	LEPRE1;C1orf50;LEPRE1	0.631089	0.869154	0.943774	-1.05958	0.436662	1.32118	1.32118	0.172019	1.66576	1.66576	0.525611	1.25327	1.25327	0.265892	0.665695	1.50219		0.867741	1.06025	1.06025	0.652608	0.852957	-1.17239	0.305079	1.45175	1.45175	0.39883	1.35417	1.35417	0.796963	1.55504	1.73441	1
cg04759756	SLA2;SLA2	0.631093	0.773209	0.915821	-1.09192	0.131231	0.641196	1.64196	0.545598	0.830155	-1.20459	0.806183	1.07768	1.07768	0.249437	0.693279	-1.44242		0.717446	0.895101	-1.11694	0.95801	0.984104	-1.01615	0.943954	0.743283	-1.34538	0.416188	0.776553	-1.28774	0.796947	1.16896	1.30382	1
cg21188242	HCCA2	0.631106	0.35818	1.39593	1.39593	0.164803	0.414854	2.41093	0.0796093	0.35893	0.35893	0.112053	0.708151	1.41202	0.0470752	0.587384	0.34307	-2.87298	0.445544	0.647131	1.54526	0.23768	0.504339	1.98242	0.497992	0.680436	-1.46965	0.203891	0.471454	2.12211	0.796938	0.35439	0.40942	1
cg21114429	C14orf138;SOS2;C14orf138	0.631106	0.544206	0.652601	-1.53233	0.535714	0.646583	-1.54659	0.388307	0.540773	-1.84921	0.428478	1.75424	1.75424	0.464922	0.596242	-1.67717		0.641625	1.38528	1.38528	0.75185	0.82027	-1.24677	0.290805	2.14299	2.14299	0.203773	2.54113	2.54113	0.796938	6.10167	6.80569	1
cg26191048	SUDS3	0.631111	0.814572	1.07253	1.07253	0.19202	0.73802	1.73802	0.154444	1.10547	1.10547	0.749387	0.90133	1.10547	0.749387	0.790319	-1.26533		0.92273	1.0068	1.0068	0.950095	0.97857	1.0221	0.97857	0.94248	-1.06096	0.664496	0.978395	1.02213	0.978395	0.943613	0.738395	1.08193	1
cg02808397	FNDC1	0.631113	0.763509	0.94935	1.03945	0.908068	-1.05102	1.03512	0.805956	1.07631	1.07631	0.794219	0.903185	-1.10719	0.468866	0.802361	-1.24632		0.241136	0.693061	-1.44287	0.234114	0.451664	2.21481	0.154933	0.634555	-1.57591	0.691531	0.887663	-1.12655	0.796927	1.26284	1.25687	1
cg12032009	VPS13C;VPS13C;VPS13C;VPS13C	0.631116	0.661204	1.06402	1.06402	0.954372	1.00808	1.00808	0.948632	1.00911	1.00911	0.991472	0.998497	-1.0015	0.375099	0.879777	-1.13665		0.195148	0.824649	-1.21264	0.249556	0.844239	-1.1845	0.902294	0.982868	-1.01743	0.19792	1.21103	1.21103	0.796923	0.249868	0.278703	1
cg26771594	PWIL1	0.631124	0.844853	1.04844	1.04844	0.284708	0.783881	-1.2757	0.197526	0.653254	-1.5308	0.601268	0.845851	-1.17917	0.999369	1.24545	1.24545		0.544465	1.80511	1.80511	0.554301	0.844881	-1.17812	0.265393	1.0579	1.0579	3.0575	0.439832	0.468351	-2.13515	0.796911	11.7003	13.0027	1
cg00375810	SLC6A11 LRRN3;LRRN3;IMMP2L;LRRN3;LRRN3;L	0.631135	0.549901	0.677223	-1.47662	0.264244	-3.8176	0.178832	0.398466	-2.50964	0.647155	0.743112	-1.34569	0.545198	0.674037	-1.4836			0.465604	0.619773	-1.61349	0.343237	0.53309	-1.87586	0.907094	0.927543	-1.07812	0.965129	0.972227	-1.02857	0.796894	2.53867	5.84343	1
cg09837977	RRN3;LRRN3	0.631135	0.910225	1.06507	1.06507	0.589053	0.737205	-1.35637	0.142642	2.41254	2.41254	0.809428	1.14457	1.14457	0.913241	0.940908	-1.0628		0.493986	0.678283	-1.47431	0.291247	0.542232	-1.84423	0.279035	0.533123	-1.87574	0.577887	1.36912	1.36912	0.796872	3.942	4.39719	1
cg11606466	FADS1	0.631152	0.405015	0.791292	-1.26376	0.117063	0.59644	1.59644	0.0422994	0.798568	-1.25224	0.366382	1.26042	1.26042	0.0855198	1.03525	1.03525		0.891431	0.661566	-1.51106	0.109824	0.963993	1.03783	0.829677	-1.20529	0.589236	0.860901	-1.16157	0.796868	0.952748	1.66277	1.90277	1
cg16288275	ANLN;ANLN;KIAA0895	0.63117	7	7	7	0.908273	0.653388	-1.52933	0.899017	0.905524	-1.10433	0.550587	1.60457	1.60457	0.75251	0.780634	-1.28101		0.399361	1.96752	1.96752	0.498924	0.584059	-1.71216	0.213656	0.746119	-1.34008	0.614138	0.496493	-2.01413	0.786159	0.61904	0.74703	1
cg23325570	LOC285830;LOC285830	0.63117	0.647917	1.19325	1.19325	0.857608	1.07145	1.07145	0.0951878	0.494338	-2.02291	0.71601	1.15073	1.15073	0.248637	0.629135	-1.58948		0.415959	0.72652	-1.37643	0.354114	0.693262	-1.44246	0.503888	0.770557	-1.29776	0.805007	0.909328	-1.09971	0.796842	1.86356	2.07883	1
cg18604059	CCDC9	0.631186	0.491255	1.08613	1.08613	0.22884	0.4301	2.32481	0.0156402	0.13065	0.13065	0.68099	0.974973	1.08111	0.818247	0.950568	1.05257		0.708669	0.812141	1.23104	0.613247	0.909568	1.09952	0.829677	1.15324	1.15324	0.949011	1.11948	1.11948	0.796818	0.644205	0.501109	1
cg16403901	PPP3R1F	0.631188	0.185057	0.167034	-5.98681	0.746268	0.66143	-1.51188	0.876498	0.820362	-1.21897	0.229019	4.98886	4.98886	0.407895	2.93822	2.93822		0.248376	0.215171	-4.64748	0.598426	0.508312	-1.9673	0.987131	1.02075	1.02075	0.903764	1.16649	1.16649	0.796818	0.20571	22.8209	1
cg07101961	RARA;RARA;RARA;RARA	0.631189	0.334824	2.13579	2.13579	0.277341	0.447354	2.39506	0.764417	1.29846	1.29846	0.229168	2.620451	2.620451	0.837822	0.85521	-1.1693		0.663489	1.19684	1.19684	0.924666	0.930343	-1.07487	0.256926	2.46768	2.46768	0.433402	0.962407	0.796814	7.73561	8.22465	1
cg19438966	STAT3;STAT3;STAT3	0.631204	0.23056	0.756356	-1.32201	0.108064	0.677559	-1.47589	0.842585	0.862268	-1.15921	0.629204	0.897611	-1.11407	0.47623	0.831443	-1.2048		0.781224	0.940061	-1.06376	0.930475	0.82664	-1.20964	0.886459	1.03923	1.03223	0.903724	1.02723	1.02723	0.796792	0.622018	0.693914	1
cg09784168	DOCK4	0.631215	0.878998	0.94677	-1.05622	0.628471	1.19133	1.19133	0.92119	0.965093	-1.03637	0.891213	0.952055	-1.05036	0.724479	0.880676	-1.13549		0.192191	0.64154	1.64154	0.576658	0.597091	-1.6479	0.538312	1.25071	1.25071	0.254287	1.53327	1.53327	0.796775	1.62677	1.81484	1
cg25563189	DUSP6;DUSP6	0.631216	0.318684	2.0418	2.0418	0.398739	0.556	1.80072	0.0436	0.436953	0.436953	0.120091	1.53093	1.53093	0.495544	1.3284	1.3284		0.29647	1.19558	1.19558	0.51498	0.715428	1.39784	0.415253	1.59598	1.59598	0.316864	1.10641	1.10641	0.796773	1.29169	1.37145	1
cg05153078	AHNAK2	0.631221	0.297521	0.489588	-2.04253	0.084597	0.530409	1.53049	0.788647	1.19444	1.19444	0.415979	0.577072	-1.73289	0.796444	0.842868	-1.18642		0.873282	1.11132	1.11132	0.56108	0.67797	-1.47499	0.983317	0.990364	-1.00973	0.808982	1.1737	1.1737	0.796766	0.51848	0.615653	1
cg04395522	SCYL2;DEPDC4	0.631237	0.849755	0.959615	-1.04208	0.618339	1.11536	1.11536	0.423681	0.837259	-1.19437	0.381707	1.22534	1.22534	0.228305	0.759677	-1.31655		0.374451	0.819515	-1.22023	0.329565	0.758859	-1.31777	0.481615	1.16822	1.16822	0.692118	0.917121	-1.09037	0.796742	0.596246	0.662505	1
cg16128766	PYPL1	0.631245	0.90897	0.914938	-1.09297	0.854913	0.86739	-1.15288	0.115264	0.264238	-3.78446	0.824033	1.18897	1.18897	0.719805	0.755804	-1.32309		0.904647	0.97062	1.09762	0.63307	0.74532	1.34229	0.542496	1.32482	1.32482	0.542406	1.61473	1.61473	0.79673	7.62277	8.5045	1
cg07203258	DDX50	0.631246	0.468643	1.74251	1.74251	0.572407	1.536	1.536	0.770131	1.24631	1.24631	0.34293	2.09028	2.09028	0.0537369	5.35753	5.35753		0.904647	0.97062	1.09762	0.63307	0.74532	1.34229	0.542809	1.58977	1.58977	0.733558	1.29279	1.29279	0.805412	1.20378	1.20378	0.78604	6.1126	6.80439	1
cg11807447	LTBP4L;TBP4L;LTBP4	0.631253	0.349639	1.95615	1.95615	0.144984	0.783881	-1.2757	0.197526	0.653254	-1.5308	0.601268	0.845851	-1.17917	0.999369	1.24545	1.24545		0.20014	0.655052	-1.5266	0.099063	0.568219	-1.75989	0.524395	0.832884	-1.20065	0.902552	1.03904	1.03904	0.796718	1.3289	1.37552	1
cg25414605	ATPGD1;ATPGD1	0.631258	0.74313	0.801162	-1.24819	0.615939	1.40629	1.40629	0.633672	0.723493	-1.38218	0.632791	1.38336	1.38336	0.476842	1.11248	1.11248		0.363538	0.87672	1.87672	0.504232	0.449622	2.48962	0.881995	1.10532	1.10532	0.564256	1.48131	1.48131	0.79671	5.73463	6.39812	1
cg08713858	CES8 ST3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;S T3GAL3;ST3GAL3;ST3GAL3;ST3GAL3;ST	0.631259	0.869185	0.947066	-1.05589	0.707327	1.13253	1.13253	0.20946	1.54725	1.54725	0.442822	1.29458	1.29458	0.144005	0.595757	-1.67854		0.332254	0.718891	-1.39103	0.864731	0.945294	-1.05787	0.906973	0.962162	-1.03933	0.860174	1.0599	1.0599	0.796709	1.37377	1.53272	1
cg26661785	3GAL3;ST3GAL3	0.631259	0.334723	0.802252	-1.24649	0.219807	1.33077	1.33077	0.860225	1.03087	1.03087	0.5643	1.13777	1.13777	0.355443	1.23433	1.23433		0.469628	1.17695	1.17695	0.333577	1.24718	1.24718	0.946356	0.813695	-1.22896	0.773258	0.938024	-1.06607	0.796709	0.618924	0.690534	1
cg04184185	CTBP1;CTBP1	0.63126	0.233298	0.524177	-1.90775	0.990059	0.993582	-1.00646	0.999955	1.00003	1.00003	0.627527	0.776683	-1.28753	0.201733	0.498193	-2.00725		0.35624	0.612346	-1.63306	0.12981	0.429202	-2.32991	0.754137	1.17632	1.17632	0.324972	0.591349	-1.69305	0.796708	3.37089	3.76091	1
cg10346242	AIF1	0.631268	0.274442	1.56809	1.56809	0.152344	0.639358	-1.56435	0.812245	0.942679	0.869388	-1.15023	0.801897	1.24753	0.565301	-1.03595	0.965592		0.983724	0.994175	-1.00586	0.988098	1.04114	1.04114	1.016812	1.2528	1.2528	0.796695	1.02483	1.02483	0.796683	0.154958	0.172908	1
cg01240074	C4orf11;C4orf11	0.631272	0.349902	0.524024	-1.90831	0.908824	0.925836	-1.0801	0.13249	0.33614	-2.97496	0.976719	1.01979	1.01979	0.648448	0.734714	-1.36107		0.74301	1.80175	-1.24727	0.605594	1.44882	1.44882	0.200188	0.403004	-2.48137	0.405777	1.77042	1.77042	0.79669	1.69107	6.34968	1
cg27040115	AS87;AS87	0.631276	0.856778	1.06014	1.06014	0.367965	0.741582	-1.34847	0.215992	0.656414	-1.52343	0.85779	0.943662	-1.0597	0.607562	0.845804	-1.18231		0.307665	1.4069

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg27126318	CTTN;CTTN	0.631782	0.794753	1.10296	1.112	1.125747	1.96333	1.963333	0.470913	1.34804	1.349804	0.355674	1.42504	1.425404	0.652444	1.20274	1.20274	1.20274	0.525853	1.30104	1.30104	1.30104	0.10653	2.04953	2.049353	0.382712	1.24552	1.24552	0.632848	0.821645	-1.21707	0.795928	2.00007	2.33418	1
cg08099418	NTS;INTS6	0.631787	0.802539	0.900926	-1.10997	2.020328	0.582412	-1.717	0.162849	0.534505	-1.87089	0.692087	0.847195	-1.18037	0.440422	0.720009	-1.38887	0.330749	0.657198	-1.52161	0.326095	1.53611	0.871414	0.934783	-1.06977	0.81041	1.10525	1.10525	0.798885	2.1463	2.08959	1
cg03173685	TMEM159	0.63179	0.886274	0.890718	-1.12269	0.144821	3.54803	3.548303	0.187431	3.09507	3.09507	0.802113	1.22516	1.225516	0.717673	0.74555	-1.34129	0.530883	0.598492	-1.67087	0.973721	1.027	1.027	0.98439	1.01595	1.01595	0.311383	0.428718	-2.33253	0.795917	8.24354	9.20648	1
cg07286565	BLCAP;BLCAP;BLCAP;BLCAP	0.631794	0.311682	1.23877	1.23877	0.67728	1.08939	1.089393	0.650661	0.910953	-1.09775	0.558683	1.12861	1.12861	0.094184	0.686249	-1.4572	0.566133	0.888117	-1.12508	0.784516	1.05768	1.05768	0.482591	0.864144	-1.15719	0.963858	1.00931	1.009931	0.952757	0.5892	1
cg04533633	CDX7C	0.631802	0.22592	0.784131	-1.1753	0.447143	1.16184	1.16184	0.409104	1.17522	1.30362	0.815661	1.226	0.758297	1.0608	0.731238	1.06816	1.06816	0.209446	1.28786	1.28786	0.790861	1.05214	1.05214	0.704884	1.07545	1.07545	0.959898	0.460988	0.514849	1
cg02466933	YWHAQ	0.631811	0.251684	0.835248	1.19725	0.934302	0.98865	-1.01148	0.919389	1.04048	1.04048	0.233122	1.18898	1.188984	0.609351	0.73796	-1.35498	0.657346	1.0638	1.0638	0.167884	1.22562	1.22562	0.770963	0.960309	-1.04124	0.473815	1.10508	1.105088	0.856886	0.241636	0.269872	1
cg06215670	RXRB	0.63183	0.211595	0.474321	-2.10828	0.518043	0.689764	-1.44977	0.787853	0.85824	-1.16518	0.791503	1.16203	1.16203	0.18726	0.452853	-2.20822	0.213072	0.475585	-2.10267	0.177725	0.4440562	-2.25194	0.777933	0.851935	-1.1738	0.336477	0.570247	-1.75363	0.795856	0.40901	0.452232	1
cg09005485	IDBG1;BDH1;BDH1	0.631865	0.675494	0.77476	-1.29134	0.439306	0.618355	-1.62001	0.570127	0.569102	-1.75652	0.975786	1.02046	1.020458	0.291275	0.510216	-1.95965	0.127128	0.363186	-2.7534	0.596009	1.39145	1.39145	0.171754	0.607273	-1.65336	0.570822	0.702098	-1.4243	0.795834	4.80479	5.3666	1
cg11734790	HEY2	0.631956	0.715674	1.0735	1.0735	0.197651	1.30258	1.302258	0.344842	1.3058	1.2058	0.837698	0.969627	-1.03132	0.175902	1.32184	1.32184	1.32184	0.510066	1.13832	1.13832	0.893042	0.974254	1.02463	0.482084	1.14858	1.14858	0.130166	1.37293	1.372293	0.978118	0.482172	0.529224	1
cg29121384	IGFBP7	0.631858	0.991897	0.997878	-1.00213	0.182864	0.744014	-1.34406	0.490517	0.863714	-1.15779	0.261696	0.782819	-1.27743	0.127735	0.708569	-1.41129	0.771846	0.940989	-1.06271	0.900739	0.974233	-1.02645	0.512565	1.14905	1.14905	0.820346	1.04874	1.04874	0.795815	0.5516604	0.616117	1
cg27357134	GOLIM4	0.631862	0.639716	1.783309	1.78331	0.560984	0.775961	-1.28915	0.641641	0.610989	-1.63731	0.448126	0.443939	-2.25343	0.448126	0.443939	-2.25343	0.364973	0.657319	-1.52107	0.169712	0.468474	-2.13338	0.883954	1.140071	-1.14071	0.995812	0.997285	-1.00272	0.97981	3.382164	3.77794	1
cg01285217	SPNS2	0.631865	0.275397	1.33247	1.33247	0.262049	1.34424	1.34424	0.464914	0.828503	-1.207	0.357846	1.27022	1.27022	0.580071	1.14835	1.14835	0.812533	1.06194	1.06194	0.328441	1.29068	1.290682	0.294822	0.759701	-1.31631	0.916137	1.027	1.027	0.795804	0.806468	0.9008	1
cg24656492	SUPV3L1	0.631869	0.275313	0.869546	-1.16205	0.646389	1.06304	1.063044	0.679979	0.94659	-1.05542	0.336205	0.874667	-1.14355	0.610948	1.06615	1.06615	1.06615	0.971441	1.00475	1.00475	0.459478	1.1048	1.1048	0.229393	0.845283	-1.18164	0.326673	1.1434	1.1434	0.795798	0.230713	0.246532	1
cg04334016	CNIH3;R3	0.631876	0.634826	-1.78226	-1.27834	0.141998	0.444744	-2.24848	0.443955	0.444744	-2.24848	0.443955	0.444744	-2.24848	0.443955	0.444744	-2.24848	0.443955	0.444744	-2.24848	0.443955	0.444744	-2.24848	0.443955	0.444744	-2.24848	0.443955	0.444744	-2.24848	0.443955	0.181643	0.483013	-2.07034	0.620891	0.774238	-1.29159	0.258977	0.546382	-1.83022	0.974415	1.0166	1.0166	0.795795	3.3195	3.70828	1
cg15077919	AMD1;AMD1;AMD1;AMD1	0.631902	0.592807	1.68576	1.68576	0.13873	0.84846	4.84846	0.124933	5.20038	5.20038	0.398709	2.31672	2.316721	0.828325	1.24	1.24	1.24	0.417785	2.23581	2.23581	?	?	?	0.950553	0.96162	1.06162	1.062693	0.242693	2.19992	2.19992	0.795843	0.840225	0.93801	1
cg24501027	RPAP2;GLMN	0.631903	0.383657	2.25599	2.25599	0.645221	1.53292	1.53292	0.853805	1.40251	1.40251	1.40251	1.40243	1.402431	0.751171	1.34978	1.34978	1.34978	0.773679	0.76792	-1.30205	0.902531	0.954454	1.05845	0.954454	1.05845	1.05845	0.954454	1.05845	1.05845	0.795005	0.905311	0.92625	1
cg06073220	ARHGEF10	0.631906	0.525551	0.776448	-1.28792	0.964168	0.982485	-1.01783	0.725834	0.870677	-1.14853	0.567248	0.796552	-1.25541	0.229767	0.60917	-1.64158	0.260476	1.58671	1.58671	0.261571	1.58488	1.58488	0.617121	1.21928	1.21928	0.439111	1.16396	1.16396	0.795743	1.94989	2.17813	1
cg26962533	IGSF22	0.63192	0.282665	0.519843	-1.9256	0.407752	0.608089	-1.64257	0.153779	2.57977	2.57977	0.407263	0.608403	-1.64346	0.348974	0.568332	-1.75953	0.655061	0.768345	-1.3015	0.700629	0.7974	1.25468	0.793702	0.857626	-1.16601	0.709552	0.802858	-1.24555	0.795723	4.33823	4.835	1
cg23096632	FAM92A1	0.631932	TMEM106B;TMEM106B;TMEM106B;T	0.789426	-1.08823	0.86797	1.03978	1.039778	0.933741	1.09369	1.03969	0.772981	1.07016	1.070164	0.234724	0.751077	1.31342	0.869018	0.962047	-1.03945	0.841629	1.04802	1.04802	0.839393	0.638683	-1.56572	0.378336	1.23603	1.23603	0.705075	0.692652	0.773767	1
cg03772432	MEMO168	0.631933	0.223307	0.840987	-1.18908	0.497045	1.09782	1.09782	0.380007	1.12962	1.12962	0.393643	1.12554	1.12554	0.652266	1.06332	1.06332	0.683386	1.05707	1.05707	0.409229	0.892049	-1.12101	0.551909	1.08487	1.08487	0.254137	1.17488	1.17488	0.795703	0.230851	0.257887	1
cg23733029	TJP1;TJP1	0.631934	0.458247	1.44392	1.44392	0.471115	1.42841	1.42841	0.845298	0.993509	-1.00968	0.647785	0.799543	-1.25071	0.705426	1.20287	1.20287	1.20287	0.702318	1.20535	1.20535	0.045309	3.05068	3.050684	0.797138	1.13347	1.13347	0.945373	0.96722	-1.03389	0.795701	2.98122	3.33037	1
cg19400402	ZNF69	0.631937	0.418753	0.858049	-1.16521	0.122047	0.945763	-1.05755	0.842042	0.964983	-1.03657	0.748508	0.765081	-1.30705	0.763884	1.10954	1.10954	1.10954	0.655384	1.18254	1.18254	0.529455	0.911911	1.09681	0.956989	1.04494	0.783605	1.1862	1.1862	0.419836	0.858837	-1.16437	0.795697	0.421948	0.471366	1
cg24978424	YTHDC1;YTHDC1	0.631943	0.461844	0.862517	-1.1594	0.115859	0.713584	-1.40138	0.861453	1.03509	1.03509	0.754385	0.939912	-1.06393	0.255494	0.79105	-1.26414	0.184724	0.757476	-1.32017	0.460817	0.862214	-1.15981	0.518436	0.878742	-1.13799	0.673326	1.08733	1.087333	0.795688	0.491302	0.548849	1
cg14022840	RGS7	0.631944	0.515331	0.824285	-1.21317	0.394903	1.29075	1.290575	0.331503	0.764955	-1.30703	0.506621	0.818519	-1.22172	0.940322	1.02218	1.02218	1.02218	0.454358	1.25012	1.25012	0.145356	1.58096	1.580961	0.599149	1.12048	1.12048	0.623479	0.86507	-1.15598	0.795687	1.08137	1.20803	1
cg23585979	EIF6	0.631944	0.587229	1.0897	1.0897	0.555153	1.34912	1.349122	0.749642	0.948899	-1.05401	0.655025	0.837263	-1.19459	0.768709	0.91819	-1.08901	0.660204	0.876099	1.14116	0.610938	1.25141	1.251408	0.796183	0.77612	-1.28823	0.899313	1.00119	1.001193	0.977095	0.995534	0.994232	0.795682	0.304348	0.342232	1
cg20856556	BCL9L	0.631946	0.71178	1.58215	1.58215	0.118702	0.115583	0.115583	0.090736	10.0701	10.0701	0.860308	1.2433	1.2433	0.628402	1.82745	1.82745	1.82745	0.935815	0.905225	-1.1047	0.730943	0.655629	-1.53226	0.788759	1.39373	1.39373	0.799455	0.729299	-1.36988	0.795684	19.2605	21.5166	1
cg26940853	UBR3	0.631947	0.691318	0.77487	-1.29054	0.4207	0.74881	-1.3481	0.193964	2.39416	2.39416	0.459546	0.89006	1.12359	0.804598	1.24315	1.24315	1.24315	0.585268	1.3026	1.3026	0.541455	1.48855	1.488551	0.593331	1.94012	-1.05357	0.874446	1.10731	1.107311	0.796243	0.21154	0.582202	1
cg03517226	ANKRD11	0.63199	0.53934	1.75758	1.75758	0.154878	1.9811	1.9811	0.594325	1.62873	1.62873	0.380242	2.36318	2.363178	0.228571	0.818201	1.22219	1.22219	0.268616	1.84504	1.84504	0.365104	0.429781	-2.32677	0.269799	2.83711	2.83711	0.728173	1.37249	1.37249	0.795619	10.3766	11.593	1
cg01954585	AKAP13;AKAP13;AKAP13	0.631996	0.312398	0.451586	-2.21442	0.439247	0.548731	-1.82239	0.178761	0.337319	-2.96455	0.926184	0.91191	-1.07304	0.133107	0.2915	-3.43053	0.308836	0.448759	-2.22837	0.261708	0.4104912	-2.4361	0.398237	0.517883	-1.93094	0.957534	1.04134	1.041334	0.795609	7.29281	8.14781	1
cg02720414	IRF2BP2;IRF2BP2	0.632004	0.613546	1.00783	1.00783	0.015346	0.72598	-1.37745	0.145698	0.6868	-1.45605	0.87727	0.533794	-1.87377	0.388158	1.35791	1.35791	1.35791	0.503105	1.34667	1.34667	1.34667	0.503105	1.87894	1.878941	0.134507	1.59558	1.59558	0.044354	0.45049	-1.11554	0.764942	1.05894	1.08854	0.795598	0.259104	0.307548	1
cg27283620	HAAO	0.632006	0.654419	1.72612	1.72612	0.417932	0.366833	-2.72604	0.696307	0.621747	-1.60837	0.964871	0.715401	1.05481	0.785638	1.39138	1.39138	1.39138	0.175942	1.07434	1.07434	0.716466	0.167255	0.95168	0.475356	2.40949	2.40949	0.534842	2.14147	2.141477	0.795594	18.4954	20.6642	1
cg19508851	PGAP3	0.632009	0.486964	1.07127	1.07127	0.260824	0.923246	-1.08316	0.754203	0.976755	-1.0238	0.652254	0.743118	1.03143	0.362174	0.763884	1.31005	1.31005	0.655384	1.18254	1.18254	0.529455	0.911911	1.09681	0.956989	1.04494	0.783605	1.1862	1.1862	0.419836	0.858837	-1.16437	0.795697	0.421948	0.471366	1
cg07452728	PIN1	0.632014	0.565544	1.19231	1.19231	0.0834357	1.78642	1.78642	0.923279	0.971254	-1.0296	0.222871	1.4738	1.4738	0.764266	1.09534	1.09534	1.09534	0.46977	1.24942	1.24942	0.180217	1.53866	1.53866	0.520402	1.21808	1.21808	0.819761	1.07155	1.07155	0.795582	1.15527	1.29077	1
cg01119131	CCDC90;CCDC99	0.632019	0.814336	1.2217	1.22177	0.529403	1.72029	1.72029	0.311775	3.99549	3.99549	0.317841	2.40882	2.40882	?	?	?	0.875438	1.1429	1.1429	0.207538	3.10063	3.10063	0.975368	1.02664	1.02664	0.216277	3.02806	3.028066	0.978166	0.797414	10.2061	1
cg09411366	SLC5A10	0.632029	0.406511	1.78705	1.78705	0.28022	0.745127	-1.35431	0.563568	0.743942	-1.34489	0.446736	0.703121	-1.42203	0.703121	0.396495	-2.5221	0.334768	0.447168	-2.2629	0.143619	0.313173	-1.94866	0.447287	0.534172	-1.87135	0.861736	0.961929	0.135998	0.795576	0.824776	0.212533	1
cg17325912	ANKRD39	0.632036	0.880023	1.08922	1.08922	0.958392	0.970912	-1.02696	0.711572	0.810473	-1.23385	0.359114	0.586531	-1.70494	0.140547	0.407783	-2.45228	0.433332	0.636108	-1.57206	0.188437	0.454528	-2.20008	0.70521	1.23991	1.23991	0.214225	0.477164	-2.09571	0.795549	4.03379	4.50707	1
cg00103775	HLA-DRB6	0.632043	0.521903	1.27443	1.27443	0.342193	?	?	0.870533	0.825043	-1.21206	0.901332	0.850208	-1.17615	0.680804	0.603072	-1.65833	0.502026	1.3099	1.3099	0.307079	1.21235	1.21235	0.888064	0.902707	1.10753	0.842277	1.18787	1.187867	0.527709	-1.82387	0.520777	0.450885	-2.21759	0.788657	16.4705	20.0173	1
cg17497187	CGB5	0.632055	0.211155	0.683052	-1.46402	0.99315	0.997519	-1.00249	0.118868	0.612493	-1.63193	0.958364	0.985008	-1.01522	0.554538	1.18883	1.18883	1.18883	0.641475	1.14532	1.14532	0.352453	1.31677	1.31677	0.973031	0.990266	-1.00983	0.794707	0.927325	-1.07837	0.795521	1.05483	1.17864	1
cg08039008	SDHAP1	0.632065	0.412485	1.32571	1.32571	0.306528	0.700314	-1.42793	0.868503	1.05734	1.05734	0.459908	0.776325	-1.28812	0.333801	0.715022	-1.39856	0.100721	0.546099	-1.83117	0.559494	0.819893	-1.21967	0.879546	1.05235	1.05235	0.802815	0.919256	-1.08784	0.795506	1.42658	1.59405	1
cg13533194	PAPOLA	0.632082	0.32822	1.27246	1.27246	0.344316	0.621287	-1.60964	0.247016	0.820343	-1.21926	0.743153	0.810916	1.12219	0.713767	0.550264	-1.81728	0.346113	0.780497	-1.28105	0.380944	0.5020258	1.3099	1.3099	0.307079	1.21235	1.21235	0.888064	0.902707	1.10753	0.842277	1.18787	1.187867	0.527709	-1.82387	0.520777	0.450885	-2.21759	0.788657	16.4705	20.0173	1
cg17497187	CGB5	0.632055	0.211155	0.683052	-1.46402	0.99315	0.997519	-1.00249	0.118868	0.612493	-1.63193	0.958364	0.985008	-1.01522	0.554538	1.18883	1.18883	1.18883	0.641475	1.14532	1.14532	0.352453	1.31677	1.31677	0.973031	0.990266	-1.00983	0.794707	0.927325	-1.07837	0.795521	1.05483	1.17864	1
cg08039008	SDHAP1	0.632065	0.412485	1.32571	1.32571	0.306528	0.700314	-1.42793	0.868503	1.05734	1.05734	0.459908	0.776325	-1.28812	0.333801	0.715022	-1.39856	0.100721	0.546099	-1.83117	0.559494	0.819893	-1.21967	0.879546	1.05235	1.05235	0.802815	0.919256	-1.08784	0.795506	1.42658	1.59405	1
cg13533194	PAPOLA	0.632082	0.32822	1.27246	1.27246	0.344316	0.621287	-1.60964	0.247016	0.820343	-1.21926	0.743153	0.810916	1.12219	0.713767	0.550264	-1.81728	0.346113	0.780497	-1.28105	0.380944	0.5020258	1.3099	1.3099	0.307079	1.21235	1.21235	0.888064	0.902707	1.10753	0.842277	1.18787	1.187867	0.527709	-1.82387	0.520777	0.450885	-2.21759	0.788657	16.4705	20.0173	1
cg27489417	UBR3	0.632086	?	?	?	0.800523	0.377785	-2.64701	?	?	?	0.370623	34.7427	34.7427	36.5762	35.5765	35.5765	?	?	?	0.222493	143.346	143.346	0.606552	0.135426	-7.38409	0.63074	0.155101	-6.44742	0.745112	113.776	178.146	1
cg09337208	TOMM34	0.632088	0.844648	1.0947	1.0947	0.737768	0.783655	-1.35262	0.291271	0.821736	0.933865	0.477053	0.774615	1.07138	0.676313	0.74859	-1.33597	0.929318	1.04504	1.04504	0.454104	0.686892	-1.45583	0.947458	1.56231	1.56231	0.258527	1.72239	1.722391	0.795466	0.796477	0.93993	1.08241	1
cg04640109	ZFPM2	0.632092	0.988821	0.99651	-1.0035	0.112667	0.649879	-1.53875	0.934984	0.979844	-1.02057	0.854049	0.955083	-1.04703	0.299577	0.764675	1.30774	0.527768	0.852434	-1.17311	0.920606	1.02519	1.02519	0.190718	0.707659	-1.41311	0.467233	1.20276	1.202762	0.795466	0.784698	0.876856	1
cg08705501	C16orf58	0.632094	0.388777	0.771514	-1.29615	0.620408	0.534775	-1.87052	0.963418	0.966034	-1.03516	0.812294	1.12219	1.12219	0.763787	0.630916	-1.58594	0.581841	1.17641	1.17641	0.84306	1.12557	1.12557	0.645664	0.872869	-1.14585	0.551124	1.01817	1.018167	0.795463	1.08664	1.22426	1
cg15199886	SYP	0.632096	0.22666	0.728843	-1.3698	0.988104	0.101747	-1.01764	0.83563	0.914004	-1.09343	0.697168	0.914004	-1.09343	0.697168	0.914004	-1.09343	0.697168	0.914004	-1.09343	0.697168	0.914004	-1.09343	0.697168	0.914004	-1.09343	0.697168	0.914004	-1.09343	0.697168	0.183939	0.194004	0.453469	-2.20546	0.795462	0.108394	0.138394	0.784082	0.31034	19.0005	1
cg20975478	CCDC24;CCDC24	0.632097	0.459287	0.873588	-1.1447	0.672852	0.07915	1.07915	0.718796	0.937205	-1.067	0.381947	0.851436	-1.17449	0.408619	0.859341	-1.16368	0.393988	1.16953	1.16953	0.532868	1.11996	1.11996	0.547215	1.11545	1.11545	0.164585	1.30467	1.30467	0.795458	0.405286	0.452889	1
cg25742464	FAM158A	0.632098	0.613546	1.00783	1.00783	0.015346	0.72598	-1.37745	0.145698	0.6868	-1.45605	0.87727	0.533794	-1.87377	0.388158	1.35791	1.35791	1.35791	0.503105	1.34667	1.34667	1.34667	0.503105	1.87894	1.878941	0.134507	1.59558	1.59558	0.044354	0.45049	-1.11554	0.764942	1.05894	1.08854	0.795598	0.259104	0.307548	1
cg24318091	? SP1	0.632099	0.603842	1.62112	-1.46601	0.827299	0.853566	-1.17156	0.461545	0.580894	-1.72148	0.580516	0.667314	-1.49855	0.327377	0.480624	-2.08063	0.857093	1.13954	1.13954	0.484478	0.597597	-1.67337	0.194372	0.70445	2.70445	0.167298	0.344125	-2.90592	0.795455	0.61578	0.739286	1
cg16326039	PANK1;PANK1;PANK1	0.632104	0.366328	-1.15837	0.708326	1.05626	1.05626	0.422764	0.976755	1.0238	1.05626	0.422764	0.976755	1.0238	1.05626	0.422764	0.976755	1.0238	1.05626	0.422764	0.976755	1.0238	1.05626	0.422764	0.976755	1.0238	1.05626	0.422764	0.976755	1.0238	1.05626	0.422764	0.976755	1.0238	1.05626	0.422764	0.976755	1.0238	1.05626	0.422764	0.976755	1.0238	0.770104	0.945494	-1.04251	0.289777	0.840281	-1.19008	0.356648	0.860577	-1.16201	0.523912	1.10801	1.10801	0.794448	0.316003	0.353513	1
cg21446242	UBN2;TNN3K;FPGT;LRRIQ3	0.632112	0.559389	1.68744	-1.4641	0.470874	1.10871	1.108711	0.696905	0.997541	-1.00246	0.5705741	1.61003	1.61003	0.781828	1.28576	1.2576	0.270781	0.483308	-2.06907	0.711443	0.790077	1.2657	1.2657	0.974462	1.02051	1.02051	0.824661	1.1511	1.1511	0.795436	1.56018	1.56318	1
cg26439139	SGCD;SGCD;SGCD	0.632114	0.672945	0.750988	-1.33158	0.0697602	0.254659	-3.92681	0.219742	0.418782	-2.38788	0.575751	0.682945	1.46425	0.792901	0.815469	-1.22629	0.541595	0.695166	-1.51707	0.463433	0.604484	-1.6543	0.69509	0.766673	-1.30434	0.526537	1.5416	1.5416	0.795419	5.73125	6.40474	1
cg16097069	ADAMTS2	0.632123	0.435369	2.29216	2.29216	0.173657	1.75761	-1.75761	0.53684	1.5874	1.5874	0.181522	1.53653	1.53653	0.181522	1.5874	1.5874	0.181522	1.53653	1.53653	0.181522	1.5874	1.5874	0.181522	1.53653	1.53653	0.181522	1.5874	1.5874	0.181522	1.53653	0.872357	0.955026	-1.05571	0.914627	0.967065	-1.03406	0.699789	0.883373	-1.13202	0.75415	0.960547	-1.03996	0.795412	0.98539	1.0149	1
cg26102086	GPT	0.632129	0.702789	0.832107	-1.20177	0.982083	0.989827	-1.01028	0.439473	1.45938	1.45938	0.70871	1.19712	1.19712	0.652384	0.804615	-1.24283	0.28256	0.585475	-1.70802	0.391249	0.656297	-1.5237	0.245585	0.558644	-1.79005	0.229048	1.83154	1.831154	0.795411	2.89551	3.23579	1
cg18482251	NFASC;ANG;ANG;RNASE4	0.632134	0.33983	1.37088	1.68478	0.66445	1.54568	1.54368	0.913335	1.31438	1.11438	0.41792	2.4855149	2.19708	0.42149	2.302672	2.38057	0.42846	2.33507	2.23507	0.348089	0.21464	0.612456	0.472535	1.52622	1.52622	0.208858	0.265991	-1.97953	0.795394	12.4662	13.9116	1
cg10414350	MSRA;MSRA;MSRA	0.632137	0.275419	0.460662	-2.17173	0.674279	0.749078	-1.33498	0.379907	1.85084	1.85084	0.752806	0.786109	-1.27209	0.366762	0.530607	1.88464	0.344026	0.585209	-1.70878	0.143599	0.34161	-2.92732	0.428134	0.575266	-1.73833	0.629877	1.39358	1.39358	0.795384	5.8848	6.5766	1
cg05517993	TMEM170A	0.632152	0.718463	0.873034	-1.14543	0.465298	0.756771	-1.3214	0.506265	0.776522	-1.28779	0.797796	1.10108	1.10108	0.180588	0.586709	-1.70442	0.3308	0.686361	-1.45696	0.901852	1.04736	1.04736	0.172157	1.72469	1.72469	0.766728	0.894423	-1.11804	0.795377	1.77193	1.98026	1
cg12124362	DVL3	0.632163	0.664602	1.24212	1.24212	0.4151	1.48171	1.48171	0.415564	0.86656	-1.15453	0.379057	0.98625	1.01394	0.214072	0.612785	-1.63207	0.360271	1.33176	1.33176	0.279332	0.759778	-1.31617	0.16342	1.57317	1.57317	0.836614	0.939034	-1.06492	0.795327	1.68827	1.90632	1
cg17050609	ASAP2;ASAP2	0.632187	0.684345	1.59598	1.59598	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. N)	Ratio(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg05492021	NUDCD3		0.632717		0.994023		1.00117		0.533276		1.12418		1.12418	0.0633473		1.46879		0.178754		1.30083		1.30083		0.722149		0.936377		1.06795		0.662998		1.08408		1.08408		0.532156		1.12356		1.12356		0.707534		1.07185		1.07185		0.7647		1.05682		0.794534		0.426556		0.477212	
cg09282338	NXT1		0.632719		0.848008		1.04458		0.643583		1.11171		1.11171	0.155045		1.41322		0.413122		1.41322		0.351518		0.804189		-1.24349		0.472668		0.418109		1.18059		1.18059		0.896088		1.03014		1.03014		0.530456		1.15538		0.794531		0.650042		0.727241	
cg15841212	C18orf54		0.632726		0.321415		0.595353		-1.67967		0.973011		1.01857		1.01857		0.13654		2.25243		2.25243		0.825169		0.894043		-1.11851		0.189829		0.495098		-2.0198				0.929738		1.04566		1.04566		0.501434		0.707931		-1.41257		0.82298		1.12012		1.12012		0.920032		1.05215		1.05215		0.79452		3.2249		3.60793	
cg18543772	MARCH8;MARCH8		0.632731		0.980404		-1.01999		0.571631		1.10635		1.10635		1.06512		0.0653283		0.6934		-1.44217		0.648171		1.0842		1.08462		0.448597		1.1463		1.1463				0.50194		1.12805		1.12805		0.920999		1.01769		1.01769		0.743524		0.943601		-1.05977		0.857443		1.0323		1.0323		0.794512		0.993401		0.440131	
cg11801629	GNAL;GNAL;GNAL;CHMP1B		0.632739		0.969475		0.969343		-1.03163		0.738379		1.31358		1.31358		0.605306		1.52836		1.52836		0.414803		0.507495		-1.97046		0.80828		0.820528		-1.21873				0.701795		0.731216		-1.36759		0.370533		2.11325		2.11325		0.386065		2.06065		2.06065		0.0842567		0.73125		0.794502		0.83125		0.93101	
cg02489968	CHST3		0.632739		0.901508		0.953527		-1.04874		0.955554		1.02165		1.02165		0.161384		0.562788		-1.77687		0.725233		1.54526		1.91425		0.608349		0.819833		-1.21976				0.310407		1.49603		1.49603		0.28779		1.52835		1.52835		0.442		0.739055		1.35143		0.473859		0.755806		-1.32309		0.794501		0.85891		2.07975	
cg19742965	GLI3		0.632756		0.766715		1.09235		1.09235		0.899326		0.963119		-1.03829		0.388782		0.769335		-1.29982		0.330009		0.741974		-1.34776		0.246344		1.43323		1.43323				0.726997		1.10967		1.10967		0.139747		1.60283		1.60283		0.923115		0.971747		-1.02907		0.772135		0.917405		-1.09003		0.794476		1.10911		1.24092	
cg10445909	ZNF668		0.632776		0.919519		0.960477		-1.04215		0.974822		1.04889		1.04889		0.792758		0.960237		-1.11078		0.499513		0.760724		-1.35454		0.255021		0.623402		-1.60668				0.279916		1.57501		1.57501		0.362644		1.56119		1.56119		0.845641		0.975178		-1.08087		0.239108		0.605087		-1.65365		0.79447		2.00317		2.24123	
cg03050519	FLJ40434		0.632761		0.216779		1.29796		1.29796		0.597942		0.989922		-1.01018		0.252454		0.786728		-1.27109		0.907443		0.976932		-1.02361		0.557131		0.887861		1.1263				0.368603		0.830852		-1.20358		0.81405		1.04841		1.04841		0.376253		1.19986		1.19986		0.34733		0.823514		1.21431		0.794468		0.506644		0.566858	
cg10023613	AS816;AS816		0.632764		0.232094		0.528746		-1.89127		0.780905		0.867813		-1.15232		0.551502		0.73613		-1.35846		0.705789		0.824606		-1.2127		0.219014		0.518242		-1.9296				0.103161		0.403951		-2.47554		0.202184		0.504239		-1.98319		0.413721		0.653848		-1.52941		0.871342		0.920889		-1.08591		0.794464		3.25324		3.6399	
cg22363366	NAV1;MIR1231;NAV1		0.632766		0.755361		1.30114		1.30114		0.43647		1.78434		1.78434		0.118449		0.523606		-1.68271		0.402923		0.71659		-1.39553		0.257236		0.602959		-1.65881				0.484606		1.28871		1.28871		0.235988		0.94299		-1.06071		0.402923		1.02682		1.02682		0.148844		0.342317		0.490964		-2.03845		0.194755		0.644106		1.43155		1.43155		0.79465		0.475641	
cg01536075	TSNARE1		0.632775		0.48406		1.23871		1.23871		0.259049		0.525617		0.525617		0.104662		0.347251		0.347251		0.242734		0.264663		-1.33824		0.507424		0.922623		-1.08355				0.320521		0.68752		-1.4545		0.507428		1.22438		1.22438		0.764663		0.913591		-1.09458		0.119584		0.601461		-1.66262		0.794447		1.14009		1.27562	
cg01911440	RPTOR;RPTOR		0.632794		0.465615		0.462208		-2.16311		0.250266		0.34863		0.34863		0.136221		0.36269		0.53269		0.5717		0.552206		-1.81092		?		?		?				0.626605		0.600914		0.66413		0.632271		0.9503		0.6503		0.748285		1.3973		1.3973		0.835794		1.23713		1.23713		0.798519		11.8634		15.1994	
cg25939213	LRP10		0.632828		0.108248		0.45573		-2.19428		0.187996		0.446506		-2.23961		0.148745		0.65704		-1.52198		0.189703		0.448059		-2.23185		0.386343		0.598558		-1.67068				0.24574		0.495768		-2.01707		0.239756		0.490932		-2.03694		0.351061		0.574245		-1.74142		0.724567		0.815082		-1.22687		0.79446		4.2026		4.70242	
cg04914105	PTPN3 MBOAT7;MBOAT7;MBOAT7;MBOAT7;		0.632813		0.427017		0.806621		-1.23974		0.814033		0.937497		1.06443		0.72726		0.911393		-1.09722		0.482358		1.20828		1.20828		0.777816		1.07789		1.07789				0.215112		0.707681		-1.41307		0.164863		0.661941		-1.51071		0.271532		0.738374		-1.35433		0.408856		0.799448		-1.25086		0.794391		0.883387		0.988472	
cg12175535	TSEN34;TSEN34;TSEN34		0.632832		0.27629		0.717759		-1.39322		0.615656		0.862237		-1.15977		0.142595		0.630327		-1.58648		0.494219		0.816042		-1.22543		0.555131		0.839637		-1.19099				0.535256		0.832047		-1.20186		0.139145		0.627416		-1.59384		0.639166		0.870846		-1.14831		0.52379		1.20828		1.20828		0.794363		1.07887		1.20725	
cg23609670	WDR68		0.632835		0.471915		0.658039		-1.51967		0.240494		0.32775		0.32775		0.0229779		0.692821		1.25641		1.25441		0.318847		1.80516		1.80516		0.153824		0.414686		-2.41166				0.986769		1.0095		1.0095		0.647654		1.30051		1.30051		0.914134		1.30051		0.870751		0.974382	
cg13859739	NPHP4		0.632842		0.15284		0.5063		0.5063		0.115546		0.157632		0.157632		0.148312		0.148812		0.148312		0.148305		1.20625		1.20625		0.863975		0.863975		0.146194		0.460994		0.820779		-1.21834				0.356078		1.28168		1.28168		0.163807		1.48293		1.48293		0.671581		0.893869		-1.11873		0.944248		1.01857		1.01857		0.907751		0.974382	
cg20867603	YIPF2		0.632863		0.914073		0.96539		-1.03585		0.273092		1.45096		1.45096		0.312735		0.711227		-1.40602		0.678075		1.14593		1.14593		0.696656		0.879988		-1.13638				0.502926		1.2484		1.2484		0.185762		1.58069		1.58069		0.23739		1.49771		1.49771		0.900406		1.0417		1.0417		0.794316		1.33974		1.49925	
cg15138101	OBSCN		0.632863		0.134738		0.482854		-2.07103		0.482854		0.77009		-1.29848		0.32926		0.634934		-1.57499		0.341223		0.644224		-1.55179		0.226915		0.633217		-1.57924				0.321936		0.629818		-1.58776		0.326915		0.633217		-1.57924		0.348728		0.680224		-1.47005		0.794317		1.0103		1.0103		0.794316		2.56436		2.80968	
cg00527314	NTM;NTM;NTM;NTM		0.632865		0.992751		0.994694		-1.00352		0.779211		1.11477		1.11477		0.256735		0.63279		-1.5803		0.445588		0.740379		-1.35066		0.304083		0.660712		-1.51352				0.800593		0.906793		-1.10279		0.314158		0.794675		1.49675		0.39026		0.71189		-1.40471		0.317394		0.749115		1.49115		0.794313		1.88007		2.10392	
cg13443178	TAGLN3;TAGLN3;TAGLN3		0.632878		0.172653		0.551393		1.81593		0.787166		0.816665		0.816665		0.164452		0.285485		0.389966		0.701962		0.742458		-1.34738		0.702394		0.824285		-1.21302				0.382406		0.625569		1.59849		1.59849		0.497293		0.794788		1.44962		1.64727		1.64727		0.794479		1.29245		1.23845	
cg07965586	AGPHD1;AGPHD1		0.632879		0.76964		0.919472		-1.08758		0.819364		1.06758		1.06758		0.374003		1.2981		1.2981		0.885721		1.04197		1.04197		0.884811		0.959402		1.04232				0.0610522		1.82858		1.82858		0.66631		0.883349		-1.13206		0.712775		0.899683		-1.1115		0.39528		1.28263		1.28263		0.794292		1.02828		1.15074	
cg20062097	13-Sep		0.632888		0.690364		1.23871		1.23871		0.255067		0.525157		-1.90419		0.91826		1.05631		1.05631		?		?		?		0.4105		0.635922		-1.57252				?		?		?		?		0.36129		0.6043		-1.65481		0.448361		1.51455		1.51455		0.748703		2.14374		2.86328	
cg22183053	EPN2;EPN2;EPN2		0.632889		0.774487		0.815438		0.523999		1.62975		1.62975		1.42797		0.717122		1.2223		1.2223		0.646412		1.29025		1.29025		0.260746		0.26946		-3.70944		0.355271		1.54082		1.68962		0.0625782		1.1777		1.1777		0.794276		3.82879		4.28487	
cg23229769	RBM4		0.632891		0.8217		0.957222		-1.04469		0.789079		1.0533		1.0533		0.270456		0.800718		-1.24888		0.597418		0.90192		-1.10875		0.783293		0.948001		-1.05485				0.856323		0.965505		-1.03573		0.0484314		0.646135		-1.54767		0.989288		1.0026		1.0026		0.809322		1.04794		1.04794		0.794274		0.471942		0.52816	
cg21182263	KIF4		0.632896		0.602006		0.69096		-1.44752		0.249804		0.424345		0.424345		0.2		0.373		0.373		0.413187		0.453837		0.826591		0.826591		0.0454		0.314148		0.794507		0.864		0.864		0.794316		0.994		0.994		0.794316		0.994		0.994		0.794316		0.994		0.994

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg12177942	SRM	0.633727	0.629825	1.18127	1.18127	0.901345	0.958351	-1.04346	0.469038	0.776705	-1.28749	0.416161	0.75196	-1.32986	0.410721	1.33451	1.33451
cg21416968	ATP6V0B;ATP6V0B	0.63373	0.230025	0.811622	-1.2321	0.450931	0.880465	-1.13576	0.509203	0.894959	-1.11737	0.488907	0.890013	-1.12358	0.968482	1.00657	1.00657
cg13432205	STK32C	0.633741	0.582897	1.23412	1.23412	0.29863	0.664566	-1.50474	0.362706	1.42594	1.42594	0.225988	1.61969	1.61969	0.853682	1.07253	1.07253
cg07132449	TP63;TP63;TP63	0.633749	0.242447	0.627392	-1.5939	0.85657	0.933377	-1.07138	0.986141	1.00664	1.00664	0.45396	0.74775	-1.33735	0.0736528	0.467699	-2.13813
cg26264438	ABCA7	0.63375	0.964643	0.984241	-1.01601	0.284658	1.48923	1.48923	0.746762	0.890384	-1.12311	0.280166	0.668789	-1.49524	0.365117	1.3958	1.3958
cg12737565	UBXN7	0.633751	0.22865	0.8308	-1.20366	0.465964	0.896862	-1.115	0.42051	1.12833	1.12833	0.205096	1.21672	1.21672	0.791839	0.961936	-1.03957
cg16851359	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	0.633762	0.756976	1.18173	1.18173	0.628522	1.29987	1.29987	0.885561	1.08055	1.08055	0.337249	1.7027	1.7027	0.414242	1.56671	1.56671
cg12609322	SFRS4	0.633769	0.989761	0.990997	-1.00908	0.208135	0.392462	-2.54802	0.400261	0.545065	-1.83464	0.356012	1.9525	1.9525	0.563563	0.662637	-1.50912
cg12825773	NKX2-5;NKX2-5;NKX2-5	0.633775	0.40152	0.593167	-1.68586	0.108774	0.345092	-2.89778	0.873955	0.907951	-1.10138	0.499404	0.658989	-1.51748	0.577509	0.710149	-1.40815
cg13232821	DDC;DDC;DDC	0.633777	0.622927	0.715446	-1.39773	0.209015	0.408724	-2.44664	0.847091	0.877715	-1.13932	0.609087	1.4169	1.4169	0.466796	0.606342	-1.64923
cg02605292	GAS7;GAS7	0.633779	0.766377	0.807261	-1.23876	0.0842854	0.253504	-3.9447	0.860819	0.881519	-1.13441	0.650407	1.38798	1.38798	0.701134	0.757974	-1.31931
cg25856120	ATP5G1;ATP5G1;ATP5G1	0.633792	0.914953	0.958773	-1.043	0.948418	0.974825	-1.02583	0.315416	0.664248	-1.50546	0.521544	0.774111	-1.2918	0.133833	0.528762	-1.89121
cg10263594	STX5	0.633793	0.767825	1.06155	1.06155	0.961341	0.990268	-1.00983	0.770059	0.942577	-1.06092	0.626103	1.10414	1.10414	0.657659	0.913943	-1.09416
cg15223933	JUP;JUP	0.633797	0.324222	0.867119	-1.15324	0.272597	1.17341	1.17341	0.784228	0.962291	-1.03919	0.350463	1.14406	1.14406	0.871578	1.02292	1.02292
cg12255362	ZNF84;ZNF84	0.633798	0.851537	1.08107	1.08107	0.105095	0.478622	-2.08933	0.782936	0.891451	-1.12177	0.562782	0.783921	-1.27564	0.791967	1.11626	1.11626
cg21183846	FMO4	0.633808	0.883687	0.936966	-1.06727	0.110132	0.460954	-2.16941	0.506317	1.34973	1.34973	0.660138	1.21751	1.21751	0.755335	0.870205	-1.14915
cg16563656	TTC13;ARV1;TTC13	0.633809	0.846995	1.04083	1.04083	0.75309	1.06755	1.06755	0.540559	1.13694	1.13694	0.705956	0.924485	-1.08168	0.966542	1.00873	1.00873
cg15837992	C6orf145	0.633811	0.589093	1.30338	1.30338	0.137395	2.17578	2.17578	0.257853	0.563446	-1.77479	0.822634	1.11526	1.11526	0.527654	1.36468	1.36468
cg25020728	RSRC2;RSRC2;RSRC2;RSRC2;KNTC1;RSRC2;RSRC2	0.633823	0.898043	1.02061	1.02061	0.816556	1.03768	1.03768	0.250304	1.2107	1.2107	0.201827	0.806939	-1.23925	0.591869	1.08996	1.08996
cg23678114	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4	0.633827	0.780462	1.05242	1.05242	0.516071	0.886563	-1.12795	0.10011	1.39018	1.39018	0.252475	1.2443	1.2443	0.823494	0.959974	-1.04169
cg21621366	MNT	0.633828	0.239534	1.72031	1.72031	0.487937	1.36395	1.36395	0.248824	1.70057	1.70057	0.48956	1.36233	1.36233	0.346712	1.53237	1.53237
cg18758482	RBBP4;RBBP4;RBBP4;ZBTB8OS	0.633829	0.201322	0.812776	-1.23035	0.443119	1.12764	1.12764	0.84056	1.03143	1.03143	0.236008	0.826327	-1.21017	0.370165	0.868164	-1.15186
cg27020253	HLA-L	0.633834	0.789441	1.10855	1.10855	0.715532	0.868549	-1.15135	0.0739872	0.464516	-2.15278	0.93885	0.970889	-1.02998	0.641908	0.834995	-1.19761
cg18016071	TBC1D4	0.633835	0.725095	0.881229	-1.13478	0.22604	1.57658	1.57658	0.769382	1.11102	1.11102	0.55797	0.80882	-1.23637	0.554137	0.80711	-1.23899
cg12049787	APOE;APOE	0.633842	0.517266	0.847228	-1.18032	0.696328	1.10411	1.10411	0.859702	1.04569	1.04569	0.928087	0.977464	-1.02306	0.611638	0.878716	-1.13802
cg03296304	DEAF1	0.633842	0.694022	1.48876	1.48876	0.242216	0.291735	-3.42776	0.119827	0.182946	-5.46611	0.450372	2.16861	2.16861	0.885832	1.15557	1.15557
cg20595205	ARMC10;ARMC10;FBXL13;ARMC10;FBXL13;ARMC10;ARMC10;FBXL13;ARMC10	0.633851	0.581918	0.915534	-1.09226	0.941087	0.988339	-1.0118	0.311637	0.846949	-1.18071	0.41801	0.876922	-1.14035	0.675292	1.06914	1.06914
cg17180012	C10orf131	0.633862	0.221641	0.324766	-3.07914	0.581519	0.614248	-1.62801	0.731855	1.35138	1.35138	?	?	?	0.741191	1.33665	1.33665
cg12524179	CD276;CD276	0.633864	0.542722	0.861769	-1.1604	0.720715	0.916974	-1.09054	0.763543	0.929744	-1.07557	0.199475	0.720862	-1.38723	0.553464	0.865252	-1.15573
cg10567810	FAM38B	0.633874	0.436088	0.873088	-1.14536	?	?	?	0.684597	1.07225	1.07225	0.961416	0.991771	-1.0083	0.671286	0.929679	-1.07564
cg16643851	LOC389634	0.633892	0.0892042	45.6355	45.6355	0.684473	2.29984	2.29984	0.296349	9.0911	9.0911	0.627066	2.71311	2.71311	0.970575	0.927565	-1.07809
cg03834574	KLF8;KLF8;KLF8;KLF8	0.633907	0.159374	0.147803	-6.76577	0.620243	0.529915	-1.8871	0.363656	0.305166	-3.2769	0.203841	5.5015	5.5015	0.947966	1.08651	1.08651
cg25161976	SMPD1;SMPD1;SMPD1;SMPD1;SMPD1	0.633907	0.480576	0.658261	-1.51916	0.929225	0.949632	-1.05304	0.826568	0.880134	-1.13619	0.185641	2.27926	2.27926	0.457585	1.55469	1.55469
cg04336379	LOC389458	0.63391	0.258415	0.52239	-1.91428	0.424717	0.638324	-1.5666	0.118727	0.393553	-2.54096	0.555045	1.38922	1.38922	0.409257	0.628302	-1.59159
cg21563597	SEPT10;ANKRD57;SEPT10	0.633915	0.965521	0.965169	-1.03609	0.137497	0.269321	-3.71304	0.920321	0.921215	-1.08552	0.880105	1.13178	1.13178	0.540772	0.601789	-1.66171
cg22649740	ENOPH1;HNRPDL;HNRPDL	0.633917	0.301468	1.30134	1.30134	0.692267	0.906766	-1.10282	0.459779	1.20343	1.20343	0.881112	0.963849	-1.03751	0.379498	1.24833	1.24833
cg23134211	DUSP26	0.633927	0.582682	1.30113	1.30113	0.277591	1.70849	1.70849	0.382938	1.5287	1.5287	0.324575	1.62023	1.62023	0.929076	0.95865	-1.04313
cg27662220	FITM2	0.633927	?	?	?	0.346957	0.340192	-2.93952	0.327989	3.07759	3.07759	0.262278	3.67438	3.67438	?	?	?
cg09424759	SLC35F3;SLC35F3	0.633938	0.157875	0.644886	-1.55066	0.686597	1.12507	1.12507	0.683909	1.12628	1.12628	0.494746	0.817561	-1.22315	0.9974	0.999054	-1.00095
cg25477334	LRCH1;LRCH1;LRCH1	0.633965	0.690419	1.23179	1.23179	0.795982	0.873785	-1.14445	0.298303	0.570409	-1.75313	0.397471	0.63689	-1.57013	0.329303	0.591995	-1.6892
cg25977965	C6orf10	0.633966	0.314936	0.191648	-5.21789	0.580221	0.41142	-2.43061	0.606043	0.437316	-2.28667	0.889055	1.24846	1.24846	0.732101	1.72689	1.72689
cg21012583	MRPS33;MRPS33	0.633978	0.735499	1.11987	1.11987	0.770531	0.906959	-1.10259	0.810221	1.08364	1.08364	0.546889	0.81582	-1.22576	0.320876	0.710023	-1.4084
cg09787089	SSBP3;SSBP3;SSBP3	0.63398	0.831635	0.850202	-1.17619	0.356195	0.485123	-2.06133	0.417883	1.87948	1.87948	0.71489	1.32266	1.32266	0.31406	0.452216	-2.21133
cg00062282	PLXNB2	0.633994	0.176678	0.529277	-1.88937	0.284453	0.61105	-1.63653	0.580602	0.780967	-1.28046	0.225269	0.568812	-1.75805	0.433324	0.701733	-1.42504
cg18849920	C11orf73;C11orf73;C11orf73;C11orf73	0.634006	?	?	?	?	?	?	0.479522	0.749522	-1.33418	0.961622	0.981087	-1.01928	?	?	?
cg23639857	ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;THOC4;ANAPC11;ANAPC11	0.634011	0.507801	0.892528	-1.12041	0.429784	1.14613	1.14613	0.284437	1.20703	1.20703	0.998256	0.99963	-1.00037	0.223116	1.24188	1.24188
cg20873036	GEFT;GEFT	0.634023	0.964956	0.967937	-1.03312	0.0808031	4.20454	4.20454	0.108921	3.6574	3.6574	0.961135	0.964501	-1.03681	0.908393	0.918165	-1.08913
cg04114197	NFRKB	0.63403	0.781591	1.0589	1.0589	0.171078	1.35001	1.35001	0.139528	1.38739	1.38739	0.948503	0.986787	-1.01339	0.777631	0.943365	-1.06004
cg02172216	MGMT	0.634031	0.535077	1.37172	1.37172	0.212488	0.516473	-1.93621	0.773648	0.864938	-1.15615	0.492813	1.41974	1.41974	0.493965	0.705033	-1.41837
cg01016092	SLC14A1;SLC14A1;SLC14A1;SLC14A1	0.634035	0.646948	0.747202	-1.33833	0.92474	0.942038	-1.06153	0.692961	0.778192	-1.28503	0.687871	0.77475	-1.29074	0.607701	0.720925	-1.38711
cg11258452	SRRM4	0.63404	0.404272	1.51983	1.51983	0.298082	1.69737	1.69737	0.495613	0.712211	-1.40408	0.117045	2.30514	2.30514	0.434979	1.47804	1.47804
cg08903604	MNT	0.634041	0.223514	0.811862	-1.23174	0.476574	1.1252	1.1252	0.415082	0.873049	-1.14541	0.651151	1.077	1.077	0.732116	0.94554	-1.0576
cg01303655	TNRC6C;TNRC6C	0.634042	0.331679	1.97464	1.97464	0.588289	1.4496	1.4496	0.564099	1.48604	1.48604	0.615172	1.41106	1.41106	0.993869	0.994794	-1.00523
cg07295964	CPLX2	0.634047	0.913906	0.941307	-1.06235	0.556716	1.39439	1.39439	0.90533	0.935623	-1.06881	0.624651	0.75897	-1.31757	0.425523	1.57637	1.57637
cg22998918	BAT5	0.634047	0.191377	1.63289	1.63289	0.6198	0.837533	-1.19398	0.801399	0.914529	-1.09346	0.426789	0.750029	-1.33328	0.976462	1.01051	1.01051
cg03277112	MED23;MED23	0.634055	0.162282	0.742469	-1.34686	0.255463	0.789038	-1.26737	0.73067	0.933358	-1.0714	0.159051	0.740526	-1.35039	0.540525	0.883682	-1.13163
cg05226518	CNIH	0.634061	0.322724	1.45461	1.45461	0.653265	0.847136	-1.18045	0.138123	0.556703	-1.79629	0.528901	1.26369	1.26369	0.31143	1.46842	1.46842
cg14243496	PSIP1;PSIP1;PSIP1	0.634073	0.972498	0.979393	-1.02104	0.169531	2.42019	2.42019	0.0706318	3.38788	3.38788	0.843597	0.887536	-1.12671	0.761256	0.831891	-1.20208
cg11809476	MAST4;MAST4	0.634095	0.729506	1.28637	1.28637	0.422089	0.551606	-1.81289	0.453934	1.73918	1.73918	0.179596	2.81247	2.81247	0.670866	0.733367	-1.36357
cg03307425	GAK	0.634101	0.521166	1.43057	1.43057	0.153276	2.32112	2.32112	0.618998	1.3179	1.3179	0.755216	1.18793	1.18793	0.393372	1.61839	1.61839
cg19959088	RIMS1	0.634108	0.710467	1.43238	1.43238	0.0920639	5.97171	5.97171	0.0803216	6.48496	6.48496	0.767178	1.33124	1.33124	0.821318	1.24358	1.24358
cg20103938	ELF2;ELF2	0.634114	0.88823	0.962921	-1.03851	0.147796	0.658873	-1.51774	0.134734	0.648385	-1.54229	0.549118	1.17689	1.17689	0.404875	0.795339	-1.25733
cg22292753	RAI1	0.634115	0.983041	1.01004	1.01004	0.50094	0.725462	-1.37843	0.604321	0.782225	-1.2784	0.879071	0.930966	-1.07415	0.22127	0.546573	-1.82958
cg03952578	RORA	0.634115	0.922976	0.93209	-1.07286	0.0785271	4.1414	4.1414	0.270189	2.30461	2.30461	0.86204	1.13483	1.13483	0.531888	0.630992	-1.58481
cg05901634	MGRN1;MGRN1;MGRN1;MGRN1	0.634116	0.875373	0.882588	-1.13303	0.0647803	5.20967	5.20967	0.17777	3.12564	3.12564	0.982269	1.01784	1.01784	0.97296	0.973389	-1.02734
cg13476800	CHCHD3	0.634123	0.667843	0.77653	-1.28778	0.0916081	2.96924	2.96924	0.249304	2.02477	2.02477	0.953452	1.03479	1.03479	0.684528	0.787163	-1.27038
cg01347719	AUP1;DQX1	0.634126	0.71214	1.09554	1.09554	0.981296	0.994245	-1.00579	0.176083	1.42496	1.42496	0.480768	1.19298	1.19298	0.2716	1.32548	1.32548
cg07733098	NRXN2;NRXN2	0.634128	0.652944	0.871566	-1.14736	0.690941	0.885715	-1.12903	0.547523	1.20303	1.20303	0.545099	1.20441	1.20441	0.180848	0.64955	-1.53953
cg13024624	HNRNPH2;HNRNPH2;GLA	0.634129	0.538125	0.36872	-2.71208	0.122413	0.068609	-14.5753	0.506294	0.339828	-2.94267	0.379783	4.22945	4.22945	0.689148	0.525411	-1.90327
cg25015912	STIL;STIL	0.634129	0.372935	0.736177	-1.35837	0.108443	0.556354	-1.79742	0.300417	0.698155	-1.43235	0.821102	0.926964	-1.07879	0.13961	0.587253	-1.70284
cg15468423	GNG7	0.634132	0.599217	0.87644	-1.14098	0.214509	1.38403	1.38403	0.907993	1.02917	1.02917	0.257461	1.34167	1.34167	0.382866	0.800468	-1.24927
cg10526478	IRF8	0.634135	0.180902	0.493066	-2.02813	0.869235	1.08547	1.08547	0.542896	0.735976	-1.35874	0.33534	0.609862	-1.63972	0.158872	0.472578	-2.11605
cg01294253	BRD3	0.634136	0.960916	1.02289	1.02289	0.123088	2.16265	2.16265	0.0990084	2.30508	2.30508	0.872289	0.928409	-1.07711	0.831919	0.906524	-1.10312
cg23058673	TNRC18	0.634136	0.674205	0.771249	-1.2966	0.593399	0.71815	-1.39247	0.568266	1.42519	1.42519	0.968523	0.97605	-1.02454	0.309135	0.523817	-1.90906
cg15167276	ALDH1L1	0.634146	0.895911	1.11094	1.11094	0.190089	3.05101	3.05101	0.0496564	6.04954	6.04954	0.957255	0.957832	-1.04402	0.820415	1.20054	1.20054
cg04784546	GABPB1;GABPB1;FLJ10038;GABPB1;LOC100129387;GABPB1;GABPB1	0.634165	0.780069	0.841493	-1.18836	0.435481	1.63318	1.63318	0.185683	2.37541	2.37541	0.941889	0.95605	-1.04597	0.175981	0.411871	-2.42794
cg01230929	UBE2B	0.634178	0.959195	1.01921	1.01921	0.946205	1.02541	1.02541	0.20818	1.63792	1.63792	0.62011	0.830432	-1.20419	0.872768	1.06141	1.06141
cg00778788	C6orf191	0.634186	0.875495	0.966976	-1.03415	0.719586	1.08027	1.08027	0.584421	1.12557	1.12557	0.0766494	0.65589	-1.52465	0.52096	1.14952	1.14952
cg15343461	TMEM90B	0.6342	0.681114	0.954043	-1.04817	0.20394	0.858424	-1.16493	0.152487	0.839882	-1.19064	0.554402	1.07046	1.07046	0.644583	1.05431	1.05431
cg16640973	YJEFN3	0.634203	0.193298	0.441489	-2.26506	0.136719	2.59128	2.59128	0.730581	0.814399	-1.2279	0.869853	0.907202	-1.10229	0.542989	0.693712	-1.44152
cg13537510	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.634205	0.49404	1.68442	1.68442	0.458028	1.76361	1.76361	0.493966	0.59362	-1.68458	0.426502	1.83971	1.83971	0.899396	1.09962	1.09962
cg09550558	OTUD3	0.634208	0.589934	1.19167	1.19167	0.235624	1.49271	1.49271	0.896178	0.958795	-1.04298	0.236281	1.49179	1.49179	0.718658	1.12367	1.12367
cg23673553	KIRREL	0.634215	0.664558	0.976375	-1.0242	0.551558	1.03356	1.03356	0.143831	0.917542	-1.08987	0.205858	0.929482	-1.07587	0.850812	0.989735	-1.01037
cg18892446	ENC1	0.634215	0.176662	2.16154	2.16154	0.364285	1.64928	1.64928	0.738686	0.835538	-1.19683	0.774606	1.16659	1.16659	0.176656	2.16156	2.16156
cg12424867	CAPZB	0.634232	0.643964	1.32643	1.32643	0.185268	2.34597	2.34597	0.309452	1.89351	1.89351	0.756278	1.20801	1.20801	0.226018	2.16339	2.16339
cg09471221	DNTTIP2	0.634245	0.470834	0.85373	-1.17133	0.193881	1.34491	1.34491	0.147075	1.39855	1.39855	0.854185	1.04046	1.04046	0.872585	1.03521	1.03521
cg26616347	IRF5;IRF5;IRF5;IRF5;IRF5;IRF5	0.634247	0.740611	0.85391	-1.17108	0.30353	1.65965	1.65965	0.662446	1.23222	1.23222	0.846059	0.911738	-1.09681	0.113584	0.441112	-2.267
cg26361540	PIK3R3;PIK3R3;PIK3R3	0.63426	0.446123	1.24693	1.24693	0.467209	1.23395	1.23395	0.265286	1.39081	1.39081	0.60506	0.862225	-1.15979	0.824608	0.938875	-1.0651
cg22823546	MDM1;MDM1	0.634266	0.664062	0.878498	-1.13831	0.417153	0.782073	-1.27865	0.561188	0.840151	-1.19026	0.933085	0.975413	-1.02521	0.0867264	0.570725	-1.75216
cg08971981	POLD2;POLD2	0.634277	0.547537	1.29871	1.29871	0.752401	0.872921	-1.14558	0.32106	0.643869	-1.55311	0.766684	0.880047	-1.1363	0.913074	0.95419	-1.04801
cg09468399	HDAC4	0.634286	0.402923	1.55081	1.55081	0.697215	1.22193	1.22193	0.886274	0.929268	-1.07612	0.405307	1.54721	1.54721	0.721983	1.20098	1.20098
cg03144560	C20orf43	0.634293	0.697369	0.92078	-1.08604	0.440744	0.847009	-1.18062	0.384085	0.82821	-1.20742	0.646509	1.10244	1.10244	0.198485	0.750507	-1.33243
cg14173662	TNXB	0.634302	0.191394	0.583806	-1.7129	0.636739	0.831026	-1.20333	0.534926	0.783095	-1.27699	0.579928	0.804505	-1.243	0.142062	0.541101	-1.84808
cg13521643	GNG10;DNAJC25-GNG10	0.634305	0.133655	3.29624	3.29624	0.673592	1.36667	1.36667	0.584909	0.665844	-1.50185	0.322377	0.470612	-2.12489	0.420037	0.544744	-1.83573
cg26193555	CDON	0.634315	0.893472	1.02348	1.02348	0.797741	0.956482	-1.0455	0.139826	1.31686	1.31686	0.214315	0.797312	-1.25421	0.944954	0.988108	-1.01204
cg16316407	DISC1;DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1	0.634342	0.979313	0.992557	-1.0075	0.706177	0.896623	-1.1153	0.178831	0.662663	-1.50906	0.335953	0.751369	-1.3309	0.108409	0.603763	-1.65628
cg24732823	MYL12B;MYL12B;MYL12B;MYL12B	0.634354	0.800421	0.913699	-1.09445	0.543542	1.24492	1.24492	0.542128	1.2459	1.2459	0.827824	1.0807	1.0807	0.452732	0.76144	-1.3133
cg01370077	VMA21	0.634359	0.199194	0.066872	-14.9539	0.840964	0.669904	-1.49275	0.873568	0.727935	-1.37375	0.288157	9.01478	9.01478	0.253734	10.769	10.769
cg23753807	ABR;ABR	0.63436	0.931325	1.08783	1.08783	0.380452	2.40771	2.40771	0.390305	2.36256	2.36256	0.574641	1.7399	1.7399	0.245193	0.305069	-3.27795
cg06758707	NPY1R	0.634362	0.682472	1.07121	1.07121	0.241881	0.814756	-1.22736	0.298669	0.835132	-1.19741	0.383171	0.861082	-1.16133	0.375033	1.16448	1.16448
cg01395659	NSUN2;SRD5A1	0.634368	0.760492	1.31045	1.31045	0.839897	1.19587	1.19587	0.946625	1.06099	1.06099	0.502729	1.82481	1.82481	0.438865	2.01014	2.01014
cg11026954	FAM128A;LOC150776	0.634379	0.535185	1.77364	1.77364	0.783026	1.28645	1.28645	0.87505	1.15441	1.15441	0.520672	1.8114	1.8114	0.782185	1.28775	1.28775
cg12980185	FUNDC2;FUNDC2	0.63438	0.182393	0.185192	-5.39981	0.544216	0.481214	-2.07808	0.733726	0.665724	-1.50212	0.221293	4.62773	4.62773	0.871733	1.21234	1.21234
cg05868183	MRPL27;EME1;EME1	0.63438	0.751273	1.07615	1.07615	0.698093	1.09414	1.09414	0.145923	1.43377	1.43377	0.239191	0.752397	-1.32909	0.597883	0.884396	-1.13071
cg05541096	TTLL11;TTLL11	0.634383	0.669522	0.845342	-1.18295	0.763146	1.12555	1.12555	0.579207	1.24509	1.24509	0.68175	1.1751	1.1751	0.532906	0.781015	-1.28038
cg11496811	IER5	0.634401	0.926214	1.01378	1.01378	0.327986	1.16089	1.16089	0.393655	1.1378	1.1378	0.556693	0.915914	-1.0918	0.245808	1.19644	1.19644
cg00183957	MRPL43;C10orf2;C10orf2;MRPL43;MRPL43;C10orf2;MRPL43;C10orf2	0.634404	0.275275	1.35466	1.35466	0.283726	1.34696	1.34696	0.796517	0.933227	-1.07155	0.905315	0.968677	-1.03234	0.745022	1.09119	1.09119
cg21200129	ELAVL2;ELAVL2;ELAVL2	0.634408	0.583566	0.902521	-1.10801	0.298136	0.818886	-1.22117	0.359251	0.839759	-1.19082	0.172463	1.30869	1.30869	0.432388	1.16002	1.16002
cg06721573	PDK3;PDK3	0.634409	?	?	?	0.882422	0.717584	-1.39357	0.845024	0.644758	-1.55097	0.23266	16.8912	16.8912	0.539739	4.03342	4.03342
cg24094897	MCC;MCC	0.634422	0.348069	0.474492	-2.10752	0.379967	0.499085	-2.00367	0.959549	0.961617	-1.03991	0.924912	0.929839	-1.07545	0.136241	0.289721	-3.4516
cg13155292	CCDC88C	0.634438	0.400095	0.758554	-1.3183	0.27321	0.693617	-1.44172	0.840794	0.937512	-1.06665	0.11233	1.74127	1.74127	0.935105	1.02647	1.02647
cg25243261	BSG;BSG;BSG	0.63444	0.324981	0.753017	-1.32799	0.473112	0.815748	-1.22587	0.60885	1.15493	1.15493	0.604619	1.15694	1.15694	0.668269	0.886642	-1.12785
cg15824100	AK5;AK5	0.63445	0.560391	0.698207	-1.43224	0.243733	0.475119	-2.10474	0.313968	0.529726	-1.88777	0.680569	0.776794	-1.28734	0.316618	0.531692	-1.88079
cg00697486	PCNXL2	0.634452	0.511214	1.28356	1.28356	0.378803	1.40253	1.40253	0.529661	1.2694	1.2694	0.80239	1.0985	1.0985	0.470608	0.759592	-1.3165
cg20933005	CRNKL1;C20orf26	0.634457	0.761597	0.927953	-1.07764	0.338428	1.27442	1.27442	0.882209	1.03711	1.03711	0.982598	0.994655	-1.00537	0.31515	0.77473	-1.29077
cg21657705	ACE;ACE	0.634475	0.871411	1.13993	1.13993	0.0940423	4.43001	4.43001	0.26523	2.55658	2.55658	0.681194	0.716077	-1.3965	0.424711	0.517327	-1.93301
cg08049136	ILF3;ILF3;ILF3;LOC147727;ILF3;ILF3	0.634484	0.335292	0.787919	-1.26917	0.157797	0.696067	-1.43664	0.449773	0.831307	-1.20292	0.146549	0.688092	-1.45329	0.890486	0.967491	-1.0336
cg00129132	TESK2	0.634501	0.945216	0.966193	-1.03499	0.0659793	2.80753	2.80753	0.482016	1.42993	1.42993	0.749624	0.851941	-1.17379	0.959688	1.02562	1.02562
cg25676786	TYK2	0.634508	0.863647	1.03578	1.03578	0.683649	0.919622	-1.0874	0.753182	1.06664	1.06664	0.295619	0.80106	-1.24835	0.239051	1.28683	1.28683
cg06364293	NSMCE1	0.63451	0.469512	0.770735	-1.29746	0.122183	0.552751	-1.80913	0.531125	1.25171	1.25171	0.629616	0.842002	-1.18765	0.971441	1.01275	1.01275
cg15090909	TBC1D9B;TBC1D9B	0.634512	0.827969	1.14041	1.14041	0.293815	1.92975	1.92975	0.0555718	3.70513	3.70513	0.997616	1.00181	1.00181	0.957359	0.968236	-1.03281
cg24093429	ZNF791;ZNF490	0.634516	0.39148	0.823726	-1.214	0.586175	1.12909	1.12909	0.201717	0.742483	-1.34683	0.255632	0.769427	-1.29967	0.539021	0.87165	-1.14725
cg21534486	PAIP1;PAIP1;PAIP1;PAIP1	0.634528	0.76964	0.904166	-1.10599	0.347314	1.39374	1.39374	0.407237	1.33756	1.33756	0.10015	1.85522	1.85522	0.38859	0.738494	-1.35411
cg23042706	NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	0.634529	0.853532	1.07781	1.07781	0.79958	1.10866	1.10866	0.756789	0.881651	-1.13424	0.921835	1.0406	1.0406	0.552594	1.27583	1.27583
cg14606286	RPS27A;C2orf63;RPS27A;RPS27A;C2orf63	0.634544	0.244524	1.38674	1.38674	0.140987	1.52992	1.52992	0.119147	1.57491	1.57491	0.952382	1.01617	1.01617	0.676299	1.11937	1.11937
cg27272677	TLX1NB;TLX1;TLX1	0.634544	0.19318	0.356663	-2.80377	0.512923	0.60847	-1.64347	0.178016	0.342477	-2.9199	0.51051	0.60669	-1.64829	0.267461	0.421089	-2.37479
cg03979041	DENND3	0.634545	0.555887	0.871671	-1.14722	0.273307	0.768857	-1.30063	0.544063	0.867991	-1.15209	0.274501	0.7694	-1.29971	0.697311	1.0943	1.0943
cg15642412	KIF23;KIF23	0.634547	0.488645	0.788654	-1.26798	0.777069	1.10055	1.10055	0.487434	1.26885	1.26885	0.223263	0.649277	-1.54017	0.288995	0.68971	-1.44988
cg20428133	BAHCC1	0.634548	0.0984593	0.331424	-3.01728	0.237233	0.470191	-2.12679	0.678223	0.775489	-1.28951	0.915709	0.937517	-1.06665	0.236968	0.469972	-2.12779

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12177942	0.106527	1.83043	1.83043	0.575584	0.823636	-1.21413	0.652361	1.16831	1.16831	0.523475	1.24832	1.24832	0.793029	1.47792	1.65657	1
cg21416968	0.416939	0.87154	-1.14739	0.678674	1.07148	1.07148	0.764943	1.05095	1.05095	0.165845	1.27752	1.27752	0.793024	0.344999	0.386704	1
cg13432205	0.589079	0.813143	-1.2298	0.273964	0.649354	-1.53999	0.612654	0.823949	-1.21367	0.667398	1.17818	1.17818	0.793009	1.80683	2.02529	1
cg07132449	0.563557	1.24922	1.24922	0.815159	1.09334	1.09334	0.998963	0.999505	-1.0005	0.790572	1.10675	1.10675	0.792997	1.8239	2.04445	1
cg26264438	0.16243	0.586001	-1.70648	0.494354	0.779826	-1.28234	0.787895	0.907889	-1.10146	0.893802	0.953266	-1.04903	0.792995	1.61275	1.80777	1
cg12737565	0.290837	0.851442	-1.17448	0.864946	0.975334	-1.02529	0.654118	0.935975	-1.06841	0.809445	1.03608	1.03608	0.792993	0.270343	0.303035	1
cg16851359	0.531748	1.406	1.406	0.0708022	2.96237	2.96237	0.164155	2.22238	2.22238	0.448978	1.51446	1.51446	0.792976	3.63443	4.07402	1
cg12609322	0.594306	0.684632	-1.46064	0.872834	1.11951	1.11951	0.282529	2.19686	2.19686	0.403597	1.82643	1.82643	0.792966	6.23821	6.99284	1
cg12825773	0.237443	0.47104	-2.12296	0.159792	0.401051	-2.49345	0.272366	0.499108	-2.00358	0.65693	0.761926	-1.31246	0.792957	4.64651	5.20864	1
cg13232821	0.214404	0.413492	-2.41843	0.138254	0.340178	-2.93963	0.475632	0.612563	-1.63249	0.745243	1.24642	1.24642	0.792954	5.73281	6.42639	1
cg02605292	0.538631	0.639311	-1.56418	0.235341	2.44422	2.44422	0.856567	0.878086	-1.13884	0.77469	1.22904	1.22904	0.792951	6.48479	7.26937	1
cg25856120	0.24862	1.60847	1.60847	0.872897	1.06513	1.06513	0.539018	1.27777	1.27777	0.739525	1.14054	1.14054	0.792932	1.95053	2.18657	1
cg10263594	0.233108	0.77704	-1.28693	0.104935	0.699412	-1.42977	0.693783	1.08312	1.08312	0.402942	1.18851	1.18851	0.79293	0.511255	0.573126	1
cg15223933	0.561592	1.08567	1.08567	0.207349	1.20467	1.20467	0.549104	0.918609	-1.0886	0.559961	0.920769	-1.08605	0.792925	0.246296	0.276104	1
cg12255362	0.329606	0.657957	-1.51986	0.231993	1.68466	1.68466	0.956237	0.977426	-1.0231	0.794439	0.89705	-1.11476	0.792922	2.17405	2.43717	1
cg21183846	0.415045	1.44851	1.44851	0.714387	0.849186	-1.1776	0.471588	1.38499	1.38499	0.348628	1.53596	1.53596	0.792909	2.48412	2.78481	1
cg16563656	0.776831	0.942831	-1.06064	0.431557	0.846801	-1.18091	0.530673	0.876721	-1.14061	0.0645383	1.53747	1.53747	0.792906	0.53888	0.604112	1
cg15837992	0.499988	1.39468	1.39468	0.236516	1.82694	1.82694	0.51281	1.38057	1.38057	0.915803	1.05273	1.05273	0.792904	2.96459	3.32346	1
cg25020728	0.95777	1.00846	1.00846	0.992748	0.998555	-1.00145	0.152703	0.783664	-1.27606	0.786961	1.04406	1.04406	0.792886	0.318103	0.356619	1
cg23678114	0.502923	1.13237	1.13237	0.510787	0.885179	-1.12972	0.907769	0.979031	-1.02142	0.758746	0.945228	-1.05795	0.792879	0.419849	0.470688	1
cg21621366	0.849002	1.08758	1.08758	0.676502	1.20301	1.20301	0.906874	1.0529	1.0529	0.195397	0.547062	-1.82795	0.792878	2.43641	2.73144	1
cg18758482	0.53584	1.1011	1.1011	0.639186	1.07524	1.07524	0.698037	0.941866	-1.06172	0.497609	1.11158	1.11158	0.792877	0.296342	0.332226	1
cg27020253	0.174448	0.573365	-1.74409	0.904215	0.954703	-1.04745	0.412495	0.724243	-1.38075	0.771175	1.11884	1.11884	0.792869	1.8618	2.08727	1
cg18016071	0.304495	0.6833	-1.46349	0.57131	1.22737	1.22737	0.183873	1.65678	1.65678	0.783754	0.906183	-1.10353	0.792867	1.61041	1.80544	1
cg12049787	0.0902245	0.624088	-1.60234	0.405766	1.23958	1.23958	0.650018	1.12226	1.12226	0.401641	1.24204	1.24204	0.792858	0.800655	0.89763	1
cg03296304	?	?	?	0.709856	1.45666	1.45666	0.808589	0.783277	-1.27669	0.688767	0.666823	-1.49965	0.778931	11.1084	14.2611	1
cg20595205	0.164254	1.26557	1.26557	0.508363	0.898993	-1.11236	0.501839	1.11424	1.11424	0.431203	1.13598	1.13598	0.792844	0.31624	0.354549	1
cg17180012	0.506096	1.80516	1.80516	0.312872	0.400957	-2.49404	0.199066	0.304831	-3.28051	0.765657	1.29912	1.29912	0.778899	8.40447	10.7902	1
cg12524179	0.356288	0.795258	-1.25745	0.0842623	0.630548	-1.58592	0.189524	0.714947	-1.39871	0.511476	0.851477	-1.17443	0.792824	0.732012	0.820708	1
cg10567810	0.319701	1.19201	1.19201	0.258226	0.817496	-1.22325	0.202318	1.25852	1.25852	0.871659	0.972761	-1.028	0.778882	0.319924	0.410748	1
cg16643851	0.714691	0.473106	-2.11369	0.664454	2.43435	2.43435	0.735062	0.50038	-1.99848	0.199918	15.806	15.806	0.792783	52.1765	58.5016	1
cg03834574	0.351989	0.295901	-3.37951	0.663663	0.573338	-1.74417	0.725822	1.56459	1.56459	0.930765	0.895407	-1.11681	0.792761	20.2943	22.7551	1
cg25161976	0.631913	1.32457	1.32457	0.245712	2.03636	2.03636	0.212819	2.15846	2.15846	0.381594	1.68887	1.68887	0.795607	4.17437	4.08082	1
cg04336379	0.827219	0.886592	-1.12792	0.530016	0.70447	-1.41951	0.203857	0.477851	-2.0927	0.701451	0.808876	-1.23628	0.792756	3.80711	4.26877	1
cg21563597	0.920645	1.08516	1.08516	0.548555	1.64524	1.64524	0.472705	1.82036	1.82036	0.166942	3.34841	3.34841	0.792748	8.44565	9.4699	1
cg22649740	0.137157	0.674408	-1.48278	0.946502	0.983626	-1.01665	0.688119	0.905491	-1.10437	0.432709	1.21773	1.21773	0.792746	0.759997	0.852168	1
cg23134211	0.891297	1.06701	1.06701	0.126668	0.456708	-2.18958	0.972725	0.983913	-1.01635	0.683873	1.21433	1.21433	0.792731	2.82507	3.16774	1
cg27662220	0.342444	2.97127	2.97127	0.550041	0.510024	-1.96069	0.758856	1.40891	1.40891	0.853433	1.22863	1.22863	0.761305	11.6246	17.4506	1
cg09424759	0.554263	0.84047	-1.18981	0.424923	0.789202	-1.2671	0.310729	1.35624	1.35624	0.367836	1.30832	1.30832	0.792714	1.05968	1.18825	1
cg25477334	0.160816	2.1815	2.1815	0.512408	1.41336	1.41336	0.650414	0.78854	-1.26817	0.758346	0.851554	-1.17432	0.792674	3.40417	3.81737	1
cg25977965	0.73104	1.73081	1.73081	0.446205	3.43656	3.43656	0.0892356	0.0508213	-19.6768	0.652522	2.05566	2.05566	0.792672	31.7324	35.5842	1
cg21012583	0.843056	1.06843	1.06843	0.23021	1.52244	1.52244	0.15878	1.65357	1.65357	0.380807	1.35008	1.35008	0.792655	1.39963	1.56956	1
cg09787089	0.338128	0.471119	-2.1226	0.152323	0.310774	-3.21777	0.354824	0.484065	-2.06584	0.913585	1.08626	1.08626	0.792652	7.29358	8.1791	1
cg00062282	0.575126	0.778115	-1.28516	0.413509	0.690495	-1.44824	0.197514	0.546912	-1.82845	0.161672	0.515792	-1.93877	0.79263	2.46368	2.76287	1
cg18849920	0.214008	0.584351	-1.7113	0.455246	0.736793	-1.35723	?	?	?	?	?	?	0.681728	0.693422	1.27144	1
cg23639857	0.727743	0.942573	-1.06093	0.469533	0.882926	-1.1326	0.577215	1.09999	1.09999	0.218101	1.24512	1.24512	0.792606	0.359471	0.403138	1
cg20873036	0.791917	1.21667	1.21667	0.928623	1.06871	1.06871	0.846918	1.15414	1.15414	0.985558	1.01352	1.01352	0.792588	6.90602	7.74511	1
cg04114197	0.541209	0.88041	-1.13583	0.345569	0.8187	-1.22145	0.853818	1.03871	1.03871	0.887453	1.02959	1.02959	0.792578	0.532287	0.596968	1
cg02172216	0.317185	1.68249	1.68249	0.433021	1.49568	1.49568	0.407359	1.53182	1.53182	0.3796	1.57385	1.57385	0.792576	3.17801	3.5642	1
cg01016092	0.165869	2.5442	2.5442	0.105675	3.05547	3.05547	0.800814	1.17323	1.17323	0.870332	1.10876	1.10876	0.79257	5.01289	5.62209	1
cg11258452	0.322832	1.65024	1.65024	0.798308	1.13383	1.13383	0.767333	0.864561	-1.15666	0.820305	0.8944	-1.11807	0.792563	3.02012	3.38717	1
cg08903604	0.191871	1.25251	1.25251	0.871446	1.02674	1.02674	0.867867	1.02751	1.02751	0.331466	1.17739	1.17739	0.792561	0.333392	0.373912	1
cg01303655	0.934797	1.05716	1.05716	0.210057	2.4531	2.4531	0.0575494	4.30186	4.30186	0.812758	1.17492	1.17492	0.79256	5.79304	6.49713	1
cg07295964	0.652123	0.775837	-1.28893	0.115334	0.383855	-2.60515	0.185656	0.456155	-2.19224	0.594058	0.740176	-1.35103	0.792553	3.92646	4.40372	1
cg22998918	0.427464	0.750357	-1.3327	0.493858	1.27928	1.27928	0.195887	0.615791	-1.62393	0.648083	1.17692	1.17692	0.792552	1.57735	1.76909	1
cg03277112	0.722854	0.931397	-1.07366	0.168867	0.74634	-1.33987	0.94845	1.01299	1.01299	0.996639	0.99916	-1.00084	0.792541	0.499983	0.560765	1
cg05226518	0.562136	1.23988	1.23988	0.712325	1.14554	1.14554	0.592568	0.820235	-1.21916	0.820279	1.08707	1.08707	0.792531	1.68935	1.89475	1
cg14243496	0.871282	0.906703	-1.1029	0.797421	1.16808	1.16808	0.741356	1.22146	1.22146	0.85038	0.892208	-1.12082	0.792513	4.57877	5.13558	1
cg11809476	0.911923	0.922865	-1.08358	0.586646	1.48925	1.48925	0.137126	3.19515	3.19515	0.507511	1.62868	1.62868	0.79248	6.60559	7.40919	1
cg03307425	0.608291	1.32929	1.32929	0.0750543	2.97898	2.97898	0.420139	1.57388	1.57388	0.329471	1.74049	1.74049	0.792472	3.80556	4.26856	1
cg19959088	0.699262	1.45366	1.45366	0.707725	1.43755	1.43755	0.993575	0.992271	-1.00779	0.784711	1.30198	1.30198	0.792461	11.6552	13.0734	1
cg20103938	0.566615	0.855872	-1.1684	0.358631	0.775985	-1.28868	0.925822	0.97529	-1.02534	0.840874	1.0555	1.0555	0.792453	0.906056	1.01632	1
cg22292753	0.363317	1.55107	1.55107	0.282884	1.68918	1.68918	0.277523	1.69992	1.69992	0.641027	0.802018	-1.24686	0.792451	2.77046	3.10761	1
cg03952578	0.742163	1.27135	1.27135	0.706754	0.75969	-1.31633	0.359583	1.98376	1.98376	0.92008	1.07571	1.07571	0.79245	6.63703	7.44474	1
cg05901634	0.921424	1.08168	1.08168	0.545101	1.628	1.628	0.942744	1.05882	1.05882	0.778657	0.799131	-1.25136	0.792449	7.94755	8.91475	1
cg13476800	0.905603	1.07198	1.07198	0.275485	1.94386	1.94386	0.724385	1.2305	1.2305	0.787292	0.853461	-1.1717	0.79244	4.30807	4.83242	1
cg01347719	0.156714	1.452	1.452	0.606898	1.1363	1.1363	0.616415	1.13241	1.13241	0.397092	0.80776	-1.23799	0.792434	0.760763	0.853363	1
cg07733098	0.812066	1.07501	1.07501	0.488702	0.807666	-1.23814	0.190333	1.52376	1.52376	0.502753	0.813388	-1.22943	0.792431	1.15745	1.29834	1
cg13024624	0.334262	0.203127	-4.92302	0.808727	1.47427	1.47427	0.626747	2.19109	2.19109	0.364779	0.225252	-4.43947	0.792431	32.151	36.0646	1
cg25015912	0.501244	0.795669	-1.2568	0.554478	0.818568	-1.22164	0.775229	1.10061	1.10061	0.612826	0.842929	-1.18634	0.79243	1.4072	1.57849	1
cg15468423	0.797336	1.06609	1.06609	0.662547	0.896542	-1.1154	0.753447	0.924626	-1.08152	0.216647	1.38172	1.38172	0.792426	0.776281	0.870779	1
cg10526478	0.386237	0.64267	-1.55601	0.15402	0.467849	-2.13744	0.886632	0.931456	-1.07359	0.551705	0.741017	-1.3495	0.792421	3.10947	3.48801	1
cg01294253	0.86953	0.926905	-1.07886	0.398715	1.49025	1.49025	0.964793	1.02059	1.02059	0.911358	1.05277	1.05277	0.79242	2.67574	3.00149	1
cg23058673	0.381153	0.575894	-1.73643	0.0839344	0.308857	-3.23774	0.25786	0.484157	-2.06544	0.6448	0.751883	-1.32999	0.79242	4.73648	5.3131	1
cg15167276	0.846447	1.16864	1.16864	0.625931	1.4842	1.4842	0.928322	1.075	1.075	0.929736	1.07346	1.07346	0.792405	8.10841	9.09569	1
cg04784546	0.602012	0.722967	-1.38319	0.360164	0.559902	-1.78603	0.815687	1.15483	1.15483	0.713318	0.796521	-1.25546	0.792377	4.76994	5.35092	1
cg01230929	0.241725	0.634033	-1.5772	0.721871	1.14214	1.14214	0.333639	1.44892	1.44892	0.212663	1.6292	1.6292	0.792357	1.7352	1.9466	1
cg00778788	0.931413	1.01861	1.01861	0.378764	1.21337	1.21337	0.657367	0.90882	-1.10033	0.611786	0.896176	-1.11585	0.792345	0.575631	0.64577	1
cg15343461	0.734741	0.962019	-1.03948	0.772407	0.96752	-1.03357	0.307645	1.12776	1.12776	0.821126	0.974545	-1.02612	0.792324	0.162675	0.182501	1
cg16640973	0.473352	0.648472	-1.54209	0.820526	1.14449	1.14449	0.434508	0.622758	-1.60576	0.647735	0.760922	-1.3142	0.792319	4.42648	4.96599	1
cg13537510	0.478759	1.7171	1.7171	0.207285	2.71403	2.71403	0.339589	2.09379	2.09379	0.119774	3.55114	3.55114	0.792318	7.07343	7.93558	1
cg09550558	0.435052	0.773611	-1.29264	0.419788	0.766689	-1.30431	0.764207	1.10181	1.10181	0.218281	1.51796	1.51796	0.792312	1.3035	1.46238	1
cg23673553	0.316652	0.944851	-1.05837	0.57354	1.03166	1.03166	0.740485	0.981951	-1.01838	0.35583	0.949286	-1.05342	0.792302	0.0376809	0.0422745	1
cg18892446	0.719477	1.21356	1.21356	0.169459	2.19354	2.19354	0.369973	1.63905	1.63905	0.932265	0.955402	-1.04668	0.792301	3.61431	4.05492	1
cg12424867	0.536444	1.46225	1.46225	0.124077	2.74797	2.74797	0.273591	1.99683	1.99683	0.336372	1.82517	1.82517	0.792277	4.62304	5.18679	1
cg09471221	0.801724	1.05574	1.05574	0.338833	0.808532	-1.23681	0.986607	1.00362	1.00362	0.663767	0.910017	-1.09888	0.792257	0.583111	0.654234	1
cg26616347	0.56246	1.32099	1.32099	0.30605	0.604238	-1.65498	0.860105	1.08748	1.08748	0.732736	1.17698	1.17698	0.792255	2.83558	3.18145	1
cg26361540	0.561809	1.18138	1.18138	0.567846	1.17829	1.17829	0.256006	1.40064	1.40064	0.103631	1.65823	1.65823	0.792235	1.01314	1.13674	1
cg22823546	0.960459	0.98541	-1.01481	0.115222	0.601889	-1.66144	0.760223	0.913254	-1.09499	0.879193	1.04612	1.04612	0.792226	1.10261	1.23715	1
cg08971981	0.0835422	2.27625	2.27625	0.93159	1.03756	1.03756	0.617893	0.805762	-1.24106	0.468584	1.37256	1.37256	0.79221	2.3138	2.59617	1
cg09468399	0.292843	1.74962	1.74962	0.0780901	2.7278	2.7278	0.286619	1.76336	1.76336	0.291125	1.75338	1.75338	0.792197	3.2969	3.69931	1
cg03144560	0.581118	1.1249	1.1249	0.150222	0.722001	-1.38504	0.290838	0.793336	-1.2605	0.84136	0.958558	-1.04323	0.792185	0.559638	0.627954	1
cg14173662	0.345199	0.685042	-1.45976	0.639817	0.832451	-1.20127	0.105234	0.502215	-1.99118	0.607774	0.817562	-1.22315	0.792172	1.89937	2.13126	1
cg13521643	0.304797	2.18923	2.18923	0.939743	1.05733	1.05733	0.782689	0.815577	-1.22613	0.955474	0.959668	-1.04203	0.792167	6.82062	7.6534	1
cg26193555	0.69863	1.06973	1.06973	0.428557	0.869336	-1.1503	0.479813	1.13253	1.13253	0.509561	1.1229	1.1229	0.792153	0.376599	0.422588	1
cg16316407	0.666346	0.882514	-1.13313	0.51095	1.2118	1.2118	0.395089	0.778064	-1.28524	0.770034	0.919012	-1.08812	0.792113	1.0414	1.16863	1
cg24732823	0.877225	1.05663	1.05663	0.140262	0.568183	-1.76	0.492373	1.28201	1.28201	0.217073	0.629566	-1.58839	0.792095	1.5925	1.7871	1
cg01370077	0.262243	0.097203	-10.2877	0.82974	1.53634	1.53634	0.792734	1.69064	1.69064	0.948607	0.879384	-1.13716	0.792087	49.8797	55.9756	1
cg23753807	0.646308	0.636809	-1.57033	0.833982	0.814655	-1.22751	0.965836	1.04272	1.04272	0.131563	4.90324	4.90324	0.792087	11.9666	13.4291	1
cg06758707	0.299855	1.19685	1.19685	0.614973	0.918676	-1.08852	0.64506	0.925357	-1.08066	0.794123	1.04471	1.04471	0.792084	0.350903	0.393789	1
cg01395659	0.346398	2.35717	2.35717	0.0730688	5.85799	5.85799	0.369956	0.443001	-2.25733	0.855074	1.17548	1.17548	0.792074	9.80971	11.0087	1
cg11026954	0.583895	1.65651	1.65651	0.0651731	0.151193	-6.61406	0.477209	1.93378	1.93378	0.929723	1.08382	1.08382	0.792057	10.4451	11.722	1
cg12980185	0.165447	0.171554	-5.82907	0.958211	1.06443	1.06443	0.830405	0.774457	-1.29123	0.91165	0.87611	-1.14141	0.792057	17.813	19.9907	1
cg05868183	0.751697	1.07601	1.07601	0.27807	0.770799	-1.29736	0.812286	1.05644	1.05644	0.73668	0.925064	-1.08101	0.792056	0.668248	0.749944	1
cg05541096	0.419198	0.72397	-1.38127	0.179964	0.572771	-1.7459	0.430903	0.730078	-1.36972	0.221973	1.65254	1.65254	0.792051	1.92104	2.15591	1
cg11496811	0.46987	1.11475	1.11475	0.705028	0.945359	-1.0578	0.798797	1.03846	1.03846	0.110989	1.29247	1.29247	0.792025	0.273842	0.307332	1
cg00183957	0.233046	0.715755	-1.39713	0.925607	0.975332	-1.02529	0.210149	0.702447	-1.42359	0.952422	1.01609	1.01609	0.792021	0.897192	1.00692	1
cg21200129	0.809134	0.956158	-1.04585	0.990698	1.00216	1.00216	0.77448	1.05466	1.05466	0.38348	1.18006	1.18006	0.792015	0.430541	0.483202	1
cg06721573	?	?	?	0.785571	1.84354	1.84354	?	?	?	0.23232	0.0590669	-16.93	0.741314	38.5214	60.6243	1
cg24094897	0.293374	0.431232	-2.31894	0.229209	0.377693	-2.64765	0.17712	0.33055	-3.02526	0.884294	0.893714	-1.11893	0.791994	7.46927	8.38309	1
cg13155292	0.988113	1.00479	1.00479	0.525347	1.22934	1.22934	0.637919	0.858923	-1.16425	0.561619	0.828379	-1.20718	0.791971	1.29099	1.44898	1
cg25243261	0.890092	0.962147	-1.03934	0.482362	1.22052	1.22052	0.108064	1.63123	1.63123	0.587049	1.16538	1.16538	0.791967	0.977001	1.09657	1
cg15824100	0.513234	0.667265	-1.49866	0.615547	0.734227	-1.36198	0.349257	0.555475	-1.80026	0.215358	2.21598	2.21598	0.791952	4.6695	5.24106	1
cg00697486	0.706833	1.15206	1.15206	0.163446	0.572803	-1.7458	0.258298	1.55566	1.55566	0.721502	0.874509	-1.1435	0.791949	1.76046	1.97595	1
cg20933005	0.621342	1.13015	1.13015	0.684078	0.904356	-1.10576	0.59327	0.875919	-1.14166	0.101186	1.55439	1.55439	0.791942	0.757428	0.850151	1
cg21657705	0.877968	0.883185	-1.13227	0.892348	0.896311	-1.11568	0.60117	0.652864	-1.53171	0.711657	0.740704	-1.35007	0.791915	8.1975	9.20132	1
cg08049136	0.508099	1.17476	1.17476	0.483701	0.843035	-1.18619	0.846503	1.04759	1.04759	0.984037	1.00481	1.00481	0.791902	0.721777	0.810176	1
cg00129132	0.654319	0.79807	-1.25302	0.887049	1.07372	1.07372	0.653962	1.25334	1.25334	0.237092	1.85874	1.85874	0.791876	3.14115	3.52597	1
cg25676786	0.950464	0.987374	-1.01279	0.144549	0.72576	-1.37787	0.406236	0.840482	-1.18979	0.79206	1.05553	1.05553	0.791866	0.524616	0.588895	1
cg06364293	0.326179	0.698548	-1.43154	0.38286	1.37258	1.37258	0.382457	0.728347	-1.37297	0.978102	0.990334	-1.00976	0.791862	1.5707	1.76316	1
cg15090909	0.622798	1.34893	1.34893	0.385824	1.71039	1.71039	0.737927	0.816498	-1.22474	0.935606	0.952388	-1.04999	0.79186	4.57086	5.13094	1
cg24093429	0.55457	0.876324	-1.14113	0.311997	0.793734	-1.25987	0.780156	1.06375	1.06375	0.411968	1.20355	1.20355	0.791854	0.611785	0.686754	1
cg21534486	0.650211	0.855031	-1.16955	0.661807	1.163	1.163	0.530392	1.24364	1.24364	0.896805	1.04552	1.04552	0.791837	1.47602	1.65693	1
cg23042706	0.610071	1.23188	1.23188	0.539807	0.777496	-1.28618	0.0623153	0.427086	-2.34145	0.421111	0.716602	-1.39548	0.791835	2.06173	2.31443	1
cg14606286	0.78345	0.928686	-1.07679	0.880657	0.960456	-1.04117	0.471775	1.21723	1.21723	0.766188	1.08338	1.08338	0.791812	0.904453	1.01534	1
cg27272677	0.440079	0.554598	-1.80311	0.138248	0.302732	-3.30325	0.328522	0.469979	-2.12775	0.401336	0.525648	-1.90241	0.791812	7.02956	7.8914	1
cg03979041	0.803187	1.05926	1.05926	0.25405	1.31601	1.31601	0.942974	1.01663	1.01663	0.315243	1.27051	1.27051	0.791811	0.666612	0.74834	1
cg15642412	0.804353	0.919644	-1.08738	0.129919	0.57572	-1.73696	0.461123	0.776287	-1.28818	0.940572	1.02548	1.02548	0.791808	1.42849	1.60363	1
cg20428133	0.418523	0.604243	-1.65496	0.284717	0.50803	-1.96839	0.331628	0.543121	-1.84121	0.442525	0.620528	-1.61153	0.791806	4.65746	5.22851	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1044 vs. N)	Fold-Change(1 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1111 057 vs. N)	Fold-Change(1111 vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg12879421	TMBIM6;TMBIM6	0.634549	0.145811	0.893959	-1.19623	0.829651	0.975581	-1.02503	0.880352	1.01743	1.014743	0.494667	0.923516	-1.08282	0.190815	1.17227	1.17227	0.570634	1.06797	1.00707	0.841812	1.02319	1.02319	0.395703	1.10495	1.10495	0.911047	0.987259	-1.01291	0.791804	0.165095	0.185338	1
cg01430500	ZNF365;ZNF365;ZNF365	0.634556	0.804354	1.08488	1.08488	0.894563	0.957409	-1.04449	0.398135	1.32839	1.32839	0.519166	0.806941	-1.23925	0.583706	1.19919	1.19919	0.244219	0.67082	-1.49071	0.761082	1.10528	1.72962	0.892356	-1.12063	0.118759	1.74338	0.174305	1.79175	1.35114	1.51682	1
cg18061532	PARP4;PARP4	0.634557	0.135678	2.79932	2.79932	0.275364	2.06767	2.06767	0.72661	1.25195	1.25195	0.208211	2.33815	2.33815	0.411791	1.71121	1.71121	?	?	?	?	?	1.801562	1.17493	1.17493	0.723799	1.25499	1.25499	0.760332	3.83789	5.76874	1
cg00485476	DUOX2;DUOXA2	0.634558	0.62734	0.667035	-1.49917	0.668901	1.427447	1.427447	0.765209	0.78059	-1.28108	0.581731	0.630884	-1.58508	0.815614	1.21307	1.21307	0.460347	0.536286	-1.86468	0.180021	1.28063	3.28063	0.144236	3.71069	3.71069	0.900566	0.901816	-1.10887	0.794601	0.41951	8.24126	1
cg10225612	MBNL2;MBNL2	0.634582	0.692735	0.885449	-1.12937	0.701963	0.88889	-1.125	0.534596	0.824765	-1.21247	0.465001	1.25582	1.25582	0.62022	1.16535	1.16535	0.215258	0.676502	-1.4912	0.8517	0.942748	1.05901	0.146036	1.61294	1.61294	0.543878	0.828456	-1.20706	0.791756	1.1767	1.32106	1
cg14581475	MMP9	0.634601	0.261087	0.565419	-1.7686	0.178532	0.498943	-2.00424	0.223059	0.536456	-1.86409	0.559337	0.750374	-1.33267	0.465333	0.696679	-1.43538	0.48083	0.698778	-1.43107	0.101197	0.41767	-2.39424	0.485889	0.70862	-1.41139	0.682856	0.818932	-1.2211	0.797727	2.96697	3.33109	1
cg12803060	PLOD3	0.634604	0.640883	0.838553	-1.19253	0.674	1.17184	1.17184	0.244082	0.633325	-1.57897	0.991682	1.00391	1.00391	0.992706	0.99658	-1.00343	0.130723	0.542445	-1.84351	0.830725	0.922897	-1.08354	0.224505	1.61319	1.61319	0.902643	0.955517	-1.04693	0.791723	1.76147	1.97765	1
cg14411200	TSC1D3	0.634605	0.516587	0.770311	-1.29818	0.584405	1.245005	1.245005	0.615112	0.825333	-1.21163	0.351465	0.683513	-1.46383	0.38632	0.703002	-1.42247	0.083043	0.468011	-2.1367	0.565016	0.79292	-1.26116	0.53807	0.777239	-1.28661	0.243403	0.614711	-1.62678	0.791721	1.97439	2.21671	1
cg07324116	MSH3	0.634609	0.709329	1.22189	1.22189	0.470002	1.48196	1.48196	0.167993	1.4054487	-2.19545	0.33655	1.08866	1.08866	0.350961	0.598232	-1.67159	0.842998	1.11597	1.11597	0.749191	1.18728	1.18728	0.38248	1.46814	1.46814	0.437576	0.654551	-1.52777	0.791715	3.59159	4.03241	1
cg18167218	TNFAIP8	0.634609	0.210291	0.587542	-1.70201	0.657643	1.19682	1.19682	0.944402	0.972296	-1.02849	0.291288	1.55446	1.55446	0.393183	1.42241	1.42241	0.500516	1.31714	1.31714	0.203294	1.71767	1.71767	0.705198	1.16545	1.16545	0.40841	1.40582	1.40582	0.791715	2.0348	2.28455	1
cg17374051	LOC400657	0.634622	0.760452	0.839959	-1.19023	0.647347	1.172187	1.172187	0.243249	0.79704	-1.25477	0.261321	1.15687	1.15687	0.384295	0.864755	-1.15637	0.784732	1.04362	1.04362	0.719349	0.845286	1.18378	-1.05788	0.905825	1.14171	1.14171	0.597697	0.503825	1.11564	0.791697	0.936004	0.942335	1
cg24608863	VTMO2	0.634626	0.511485	1.2497	1.2497	0.475486	1.274955	1.274955	0.599592	1.19403	1.19403	0.6946	1.14075	1.14075	0.0649656	0.499716	-2.00114	0.572252	0.826107	-1.2105	0.970667	0.987767	-1.01238	0.953737	1.01805	1.01805	0.979244	0.991329	-1.00875	0.791691	1.40503	1.57753	1
cg18451310	PPP2R2;RCC6	0.634631	0.332157	1.44811	1.84831	0.77708	0.840062	-1.99039	0.736387	1.23053	1.23053	0.148225	2.59154	2.59154	0.0921575	1.32009	3.12109	0.625308	1.3528	1.3528	0.434883	1.63096	1.63096	0.976558	0.982121	-1.0182	0.605126	1.37746	1.37746	0.791683	4.7266	5.09095	1
cg22158415	PFDN6;WDR46;WDR46	0.634636	0.950137	0.986903	-1.01327	0.788975	0.884648	-1.13039	0.767265	0.992372	-1.26206	0.88696	1.05013	1.05013	0.7023	0.873421	-1.14492	0.06690	0.478837	-2.08839	0.399118	1.27606	1.27606	0.157674	0.517282	1.26072	1.26072	0.37724	0.725909	-1.37758	0.79448	1.52759	1.49547	1
cg13655923	PTHX2;TMEM49	0.634638	0.51588	0.848023	-1.17921	0.662226	0.895838	-1.11627	0.767313	1.07708	1.07708	0.140492	1.48702	1.48702	0.103037	0.765926	-1.30561	0.954776	1.01429	1.01429	0.362021	1.24622	1.24622	0.457258	1.20857	1.20857	0.503339	1.18525	1.18525	0.791672	0.785132	0.881545	1
cg03879977	MTSS1	0.634638	0.671488	0.760785	-1.31443	0.701535	1.72992	1.72992	0.381945	1.760312	1.760312	0.853626	1.12566	1.12566	0.304563	0.550388	-1.97672	0.678328	0.76541	-1.30664	0.291208	0.497234	-2.01112	0.181177	2.48388	2.48388	0.539078	1.48967	1.48967	0.791672	5.11521	5.78266	1
cg03794218	TUBGCP4	0.634638	0.382857	0.80737	-1.23859	0.587543	1.15187	1.15187	0.877125	1.03769	1.03769	0.305692	0.776007	-1.28865	0.517495	1.16987	1.16987	0.408783	1.22386	1.22386	0.316276	1.28112	1.28112	0.280146	0.764573	-1.30792	0.602406	1.13391	1.13391	0.791672	0.756833	0.804859	1
cg19454959	UX44	0.634643	0.944473	1.00714	1.00714	0.616404	1.05292	1.05292	0.198835	0.837064	-1.14868	0.731877	0.963636	-1.03774	0.480115	1.07603	1.07603	0.928003	0.990816	-1.00927	0.566883	1.06091	1.06091	0.187887	1.1905	1.1905	0.762145	1.03148	1.03148	0.791667	0.31068	0.340228	1
cg05628782	VSNL1	0.634643	0.678956	1.00931	1.00931	0.998458	1.00004	1.00004	0.99947	1.00015	1.00015	0.430978	1.07587	1.07587	0.16768	0.845765	1.0453	0.641706	1.11249	1.11249	0.165063	0.733996	-1.40057	0.117718	4.28388	4.28388	0.539078	1.48967	1.48967	0.791672	5.11521	5.78266	1
cg25482454	ATOH8	0.634647	0.766506	0.807865	-1.23783	0.0575339	4.6597	4.6597	0.351379	1.9881	1.9881	0.775517	0.81477	-1.22734	0.821409	0.850447	-1.17585	0.688891	1.33422	1.33422	0.382366	1.90003	1.90003	0.912135	0.923959	-1.0823	0.904311	1.08999	1.08999	0.791659	6.43645	7.22696	1
cg05670717	C21orf70	0.634649	0.310847	1.56742	1.79398	0.556045	0.910796	-1.09756	0.615918	0.953673	1.28809	1.28809	0.288554	2.26234	0.163325	0.449416	-2.22522	0.745809	0.83715	-1.1943	0.0972619	0.368857	-2.70375	0.0187273	0.729559	-1.2944	0.588058	0.742218	-1.34791	0.791657	3.74614	4.20624	1
cg13650149	TTC30B	0.634665	0.63095	0.734135	-1.36215	0.342913	1.86621	1.86621	0.111642	3.02327	3.02327	0.498079	1.55145	1.55145	0.256762	0.825971	-1.2107	0.29723	1.99381	1.99381	0.613851	0.722612	-1.38387	0.624232	0.729606	-1.3706	0.993987	0.9952	-1.00482	0.791654	5.11198	5.73986	1
cg21100958	ZNF488	0.634658	0.690449	1.06143	1.06143	0.708938	0.945689	-1.05743	0.151088	0.795229	-1.2575	0.611825	1.07919	1.07919	0.390483	0.877182	-1.14001	0.975407	0.99542	-1.0046	0.136691	0.7876	-1.26968	0.983941	0.997007	-1.003	0.614896	1.07847	1.07847	0.791642	0.278065	0.312223	1
cg06208989	TMEM51;TMEM51;TMEM51;TMEM51; C1orf126 DMTF1;DMTF1;DMTF1;DMTF1;DMTF1;	0.634661	0.232178	1.26014	1.26014	0.470124	0.873222	-1.14518	0.722874	1.06791	1.06791	0.86488	0.96906	-1.03193	0.427343	1.16131	1.16131	0.913346	1.02029	1.02029	0.159691	1.31951	1.31951	0.289572	1.22489	1.22489	0.555564	0.895817	-1.1163	0.791637	0.426948	0.479398	1
cg08689931	DMTF1;DMTF1	0.634665	0.77806	1.04981	1.04981	0.811858	0.959806	-1.04188	0.392137	1.1628	1.1628	0.242842	1.23401	1.23401	0.723426	1.06304	1.06304	0.202749	1.26029	1.26029	0.598504	0.912641	-1.09572	0.848368	1.03348	1.03348	0.118493	1.33852	1.33852	0.791632	0.371081	0.416671	1
cg00483640	C6orf195	0.634667	0.972964	0.985011	-1.01367	0.281738	1.56563	1.56563	0.185372	1.75558	1.75558	0.301144	0.650958	-1.53621	0.732816	0.871693	-1.14719	0.940907	0.970738	-1.03015	0.566571	1.26131	1.26131	0.706862	0.859507	-1.16346	0.263029	1.59617	1.59617	0.791629	2.01336	2.26072	1
cg08829645	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF; DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.634669	0.570036	0.564694	-1.77087	0.864543	0.84368	-1.18528	0.717176	0.696176	-1.43642	0.827907	0.805143	-1.24202	0.397676	0.422259	-2.36822	0.439844	0.456445	-2.19085	0.189215	0.250423	-3.99324	0.940985	0.376488	-2.65613	0.176131	4.18631	4.18631	0.791627	12.4259	13.9526	1
cg01459337	UBE4B;UBE4B	0.634672	0.183444	0.283835	-3.52318	0.65332	1.17686	1.17686	0.59683	0.621098	-1.61005	0.575233	0.603399	-1.65728	0.638379	0.655482	-1.5256	0.361607	0.43101	-2.30893	0.151993	0.255424	-3.91506	0.419507	0.28756	-3.48076	0.134238	0.433205	-2.30838	0.791622	9.98243	11.209	1
cg21037712	NDUFB11;CPSF2	0.634673	0.985864	1.01299	1.01299	0.964357	1.083846	1.083846	0.643093	1.076456	-1.00083	0.154105	0.995735	-1.00483	0.954109	0.995735	-1.00419	0.359534	1.8553664	1.8009	0.0184	0.954977	-1.04715	0.780203	1.1959	1.1959	0.010506	0.233884	2.23005	1.82005	0.791621	0.9448	1.087167	1
cg08935793	CYLD;CYLD;CYLD;CYLD;CYLD	0.634679	0.169777	0.349723	-2.8594	0.932015	0.941101	-1.06258	0.223305	0.399611	-2.50243	0.247497	0.420583	-2.37765	0.371748	1.92531	1.92531	0.773629	0.814437	-1.22784	0.541388	0.643612	-1.55373	0.760593	1.243	1.243	0.99247	1.00674	1.00674	0.794413	0.2341	0.10356	1
cg18550509	LYSMD4	0.634688	0.79068	1.08088	1.08088	0.376698	1.3037	1.3037	0.999812	0.999565	-1.00044	0.917776	0.93065	1.0305	0.666028	1.13536	1.13536	0.466511	1.24189	1.24189	0.0701995	0.553274	-1.80742	0.662549	0.879524	-1.13698	0.759221	1.09404	1.09404	0.791615	1.07156	1.20324	1
cg14471645	RAD1	0.634688	0.499896	1.08857	1.08857	0.918795	1.242772	1.242772	0.479588	1.2955	1.2955	0.345115	1.83412	1.83412	0.0866257	0.546355	-1.82992	0.720845	0.828836	-1.20651	0.434883	1.63096	1.63096	0.976558	0.982121	-1.0182	0.605126	1.37746	1.37746	0.791683	4.7266	5.09095	1
cg17602885	CLSTN1;CLSTN1	0.634692	0.624935	1.23354	1.23354	0.656665	1.20996	1.20996	0.555869	1.28889	1.28889	0.813013	0.939383	-1.10622	0.827302	0.911125	-1.09754	0.75813	0.876709	-1.14063	0.981046	0.988931	-1.01017	0.889497	1.06101	1.06101	0.0479673	0.381704	-2.61983	0.791591	2.27514	2.55479	1
cg01217309	TMSB4Y	0.634693	0.8545368	0.747458	-1.33794	0.17458	0	?	0.756548	-1.1218	?	?	0.756548	-1.1218	?	?	?	0.151773	0.3973	3.93091	0.351004	0.647795	2.10617	0.0188082	0.923877	-1.0824	0.994651	0.994855	-1.00517	0.791683	0.4	0.44	5.55475	1
cg12419862	LOC391322	0.634696	0.230187	0.265531	-3.76603	0.281927	0.74706	0.74706	-1.34738	0.627746	1.67314	1.67314	0.990267	0.987234	-1.01293	0.943748	1.06025	0.374668	0.476425	-2.09855	0.0984595	0.184925	1.7878	1.7878	0.859589	1.20504	1.20504	0.777637	12.1467	15.62	1
cg08397927	LTBP4;LTBP4	0.634702	0.119692	0.482999	-2.0704	0.741621	1.15329	1.15329	0.342647	0.656118	-1.52412	0.636102	0.814286	-1.22807	0.513977	0.751799	-1.33014	0.297256	0.627641	-1.59127	0.143655	0.508007	-1.96848	0.515092	0.752383	-1.32911	0.911873	0.953399	-1.04888	0.791578	2.32926	2.61561	1
cg05679795	ATF7;ATF7;ATF7;ATF7;ATF7	0.634703	0.252863	1.30436	1.30436	0.766	1.224654	1.224654	-1.1955	0.600836	1.08286	1.08286	0.918779	1.02	0.0204	0.491326	-2.03526	0.816755	0.959013	-1.04274	0.492151	1.13404	1.13404	0.166665	0.927807	1.27907	0.492359	1.1339	1.1339	0.791572	0.955902	1.04678	1
cg18655782	FAM40B;FAM40B	0.634706	0.815368	0.951395	-1.05109	0.714577	1.08138	1.08138	0.890579	1.02975	1.02975	0.340897	1.23252	1.23252	0.357551	1.2233	1.2233	0.109736	0.689766	-1.44977	0.420476	0.839191	-1.19162	0.701902	0.921346	-1.08537	0.685631	0.916565	-1.09055	0.791571	0.568847	0.638783	1
cg23331322	OSBP2	0.634711	0.441068	1.14744	1.14744	0.61246	1.07146	1.07146	0.751721	1.04229	1.04229	0.712007	1.32207	1.32207	0.0944609	0.719503	-1.39005	0.677629	0.7799	-1.28206	0.163809	0.349162	2.86307	0.0251815	0.751915	-1.32986	0.605918	0.737895	1.37806	1.37806	0.791565	0.704284	0.82428	1
cg24728105	CDB1	0.634729	0.272131	0.714461	-1.39966	0.843359	0.943469	-1.05992	0.93342	0.975723	-1.02488	0.58524	0.840169	-1.19024	0.234935	0.69338	-1.44221	0.559828	0.840773	-1.18938	0.924426	0.972478	-1.0283	0.148305	1.5779	1.5779	0.463326	0.802863	-1.24554	0.791537	1.08459	1.21799	1
cg13009608	TYRO3;TPO52	0.634736	0.462037	0.814428	-1.22795	0.737451	1.03316	1.03316	0.855798	0.985398	-1.01489	0.659999	0.858387	0.813731	-1.22891	0.849271	1.14597	0.703533	1.54844	1.54844	0.0124	0.32566	3.06908	0.0130008	0.514379	1.41379	0.702946	1.15612	1.15612	0.791526	16.6976	18.7515	1
cg24395545	CLI;4B	0.634769	0.156235	0.601194	-1.66336	0.752283	0.898697	0.11272	0.258797	0.75002	-1.33256	0.532783	0.552089	0.816344	-1.22497	0.632175	0.45692	-1.7169	0.136581	0.582187	-1.71771	0.74338	0.735238	-1.3601	0.383191	0.738618	0.353388	0.775225	1.24547	1.60184	1
cg21047526	RRP7A	0.634777	0.151932	0.7495	-1.33422	0.280079	0.809827	-1.23483	0.436266	1.16091	1.16091	0.338138	0.830695	-1.20381	0.61157	1.10099	1.10099	0.562231	1.11636	1.11636	0.851314	1.03588	1.03588	0.727119	0.936306	-1.06803	0.6877	1.07887	1.07887	0.791466	0.442367	0.49682	1
cg05395251	SKI	0.634777	0.857464	0.969669	-1.03155	0.115909	0.410919	-2.43093	0.081078	0.479016	-2.08705	0.172779	1.33581	1.33581	0.0814324	1.12489	1.12489	1.12876	0.900777	0.901579	-1.10871	0.622889	1.49616	1.49616	0.695327	1.37704	1.37704	0.956305	0.956439	-1.04554	0.791465	2.82851	3.30203	1
cg20283582	PPP1R14C	0.634783	0.274519	0.804108	-1.24361	0.489462	0.873495	-1.14443	0.584379	0.899299	-1.11198	0.801405	0.952726	-1.04962	0.755158	0.941663	1.06195	0.739326	0.93785	-1.06627	0.0577681	0.662173	-1.51018	0.549357	1.12345	1.12345	0.983165	0.999594	-1.00406	0.791457	0.462798	0.519771	1
cg19504012	AP2A2	0.634785	0.172394	0.60953	-1.51518	0.677046	1.713735	1.713735	0.146091	1.91918	1.91918	0.869749	1.04809	1.04809	0.533881	0.835014	-1.19758	0.984614	0.994497	-1.00553	0.782402	0.928434	-1.08245	0.255612	0.712051	-1.40443	0.156273	0.648284	-1.54253	0.791454	1.02659	1.15297	1
cg10544097	FOXF1	0.634789	0.186718	0.62219	-1.60781	0.668961	-1.05	0.668961	-1.49455	0.826072	1.37624	1.613153	2.09555	2.09555	0.407324	0.292222	-3.42123	0.356449	0.252494	-3.95967	0.0194078	0.0494708	2.98033	0.0284883	0.694078	-1.44076	0.180096	1.80133	-1.78913	0.747871	1.56623	1.59682	0.791447	0.956283	1.04757	1
cg19996396	CASR	0.634793	0.807276	0.876946	-1.14032	0.86765	0.91429	-1.09375	0.571994	0.735787	-1.35907	0.938089	1.04262	1.04262	0.909885	1.06272	1.06272	0.791392	0.867251	-1.15307	0.753748	0.84667	-1.1811	0.684529	2.99194	2.99194	0.273693	0.545251	-1.83402	0.791446	3.61827	4.06376	1
cg08583625	OXR1	0.634793	0.914353	0.989253	-1.01092	0.824547	0.908753	-1.10043	0.410425	0.614408	0.899627	1.11157	0.489285	1.10168	0.196247	0.810758	-1.2338	0.818228	1.02862	1.02862	0.852302	1.12966	1.12966	0.133242	1.09109	1.09109	0.543047	0.918611	-1.08859	0.791447	0.912179	0.967552	1
cg07866632	CCDC101	0.634808	0.242032	0.590717	-1.69286	0.992792	1.00389	1.00389	0.484153	0.736635	-1.35752	0.66762	1.20408	1.20408	0.260322	0.603656	-1.65657	0.672899	0.833143	-1.20027	0.251421	0.597423	-1.67386	0.290279	1.60293	1.60293	0.501008	0.745556	-1.34128	0.791431	2.31663	2.60188	1
cg05785686	TTC32	0.634817	0.985258	0.980003	-1.02066	0.648758	1.38655	1.38655	0.115483	1.34704	1.34704	0.869126	0.889121	-1.12471	0.362316	0.513097	-1.94895	0.204653	2.59693	2.59693	0.0144323	0.40705	2.40705	0.581576	1.49686	1.49686	0.459832	1.7097	1.7097	0.791405	0.36608	0.72023	1
cg07624948	NFATC2IP	0.634818	0.932084	0.964175	-1.03716	0.556119	1.29222	1.29222	0.235506	1.70256	1.70256	0.156855	0.52304	-1.9119	0.380013	0.47026	2.47026	0.397496	0.690174	-1.44891	0.99779	1.00119	1.00119	0.905068	0.950216	-1.05239	0.617985	0.806383	-1.24011	0.791404	2.29622	2.57907	1
cg11304212	UHRF1BP1	0.634826	0.800291	0.91825	-1.08903	0.834088	1.07312	1.07312	0.601957	1.1937	1.1937	0.657593	1.16193	1.16193	0.100273	0.545624	-1.83276	0.437281	0.765974	-1.30553	0.167976	0.609944	-1.63949	0.953676	0.980644	-1.01974	0.798401	0.91749	-1.08993	0.791393	1.41884	1.59364	1
cg23444747	MAP2K3;MAP2K3	0.634827	0.401321	1.15196	1.64083	0.756201	1.15651	1.15651	0.716883	1.23669	1.23669	0.810896	0.964685	-1.03705	0.852354	1.12489	1.12489	1.12876	0.903707	0.904539	-1.10601	0.622889	1.49616	1.49616	0.695327	1.37704	1.37704	0.956305	0.956439	-1.04554	0.791465	2.82851	3.30203	1
cg16530596	TMCC2	0.634833	0.60907	1.23309	1.23309	0.376105	1.6322	1.6322	0.178273	0.462756	-2.16096	0.904277	0.937169	-1.06704	0.555739	0.725111	-1.3791	0.395743	0.625559	-1.59857	0.328317	0.73225	0.73225	0.707366	1.22557	1.22557	0.382381	0.616813	-1.62124	0.791387	3.64642	4.09567	1
cg07277962	CTSB;CTSB;CTSB;CTSB;CTSB;CTSB	0.634849	0.464721	0.70155	-1.36398	0.584424	0.784242	0.12512	0.230653	0.730152	-1.36958	0.218666	0.582458	-1.71686	0.935373	0.950616	-1.05186	0.756023	0.13884	-7.20193	0.0170508	0.0172888	5.78888	0.0170508	0.553375	1.55375	0.332077	0.659275	-1.51682	0.791359	3.26819	3.64997	1
cg24111137	UBXN2B	0.634866	0.404817	0.853965	-1.17101	0.398142	1.17378	1.17378	0.678475	1.08027	1.08027	0.462233	0.87057	-1.14867	0.239881	1.25599	1.25599	0.688675	0.927694	-1.07794	0.264556	1.24032	1.24032	0.713434	1.0707	1.0707	0.293063	1.23387	1.23387	0.791332	0.429911	0.482911	1
cg26301297	NSMCE4A;NSMCE4A	0.634873	0.691152	1.114	1.114	0.31013	1.32832	1.32832	0.117913	0.631913	-1.5825	0.294263	1.34189	1.34189	0.581507	1.16241	1.16241	0.853948	0.15018	0.15018	0.15018	0.0633	0.0633	0.0633	0.923412	-1.08294	0.630503	0.877197	-1.13999	0.75791	1.08717	0.791323	0.915926	1.02886	1
cg14404301	MPO2	0.634874	0.35054	1.23219	1.23219	0.429122	1.0165	1.0165	0.978275	1.29151	1.29151	0.187873	1.0203	1.0203	0.0746228	0.640868	-1.56057	0.783822	1.02862	1.02862	0.852302	1.12966	1.12966	0.133242	1.09109	1.09109	0.543047	0.918611	-1.08859	0.791447	0.912179	0.967552	1
cg17360299	MYCNOS;MYCN	0.634877	0.975567	0.980148	-1.02025	0.273406	0.474129	-2.10913	0.586841	1.43226	1.43226	?	?	?	?	0.431234	1.6921	1.6921	0.742352	1.24109	1.24109	0.309869	1.98978	1.98978	0.244093	0.450273	-2.22088	0.578991	0.692608	-1.44492	0.777362	4.69135	6.03496	1
cg27301475	C1orf70	0.634878	0.308262	0.697311	-1.43266	0.451792	1.42386	1.42386	0.478083	1.40153	1.40153	0.352003	0.638056	-1.56726	0.606295	0.580605	-1.72234	0.314727	0.61424	-1.6284	0.0766025	0.344554	-3.34316	0.0227356	0.5304	-1.8853	0.419247	0.678907	-1.47282	0.791306	2.78821	3.08835	1
cg06747907	FBLIM1;FBLIM1;FBLIM1;FBLIM1	0.634885	0.882271	0.98063	1.08063	0.843224	1.2164	1.2164	0.612869	2.37266	2.37266	0.806134	0.879259	-1.13732	0.9325	0.956636	-1.04533	0.844245	1.10842	1.10842	0.670164	1.25097	1.25097	0.691877	1.23178	1.23178	0.748492	1.84506	-1.18335	0.791305	1.43219	3.85545	1
cg26963259	TOLLIP	0.634885	0.337294	1.30119	1.30119	0.140677	1.52465	1.52465	0.588365	1.15653	1.15653	0.215804	1.41439	1.41439	0.986418	0.99548	-1.00454	0.207935

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg20046608	TBX2	0.635409	0.44959	1.66353	0.113357	3.09802	0.00802	5.555691	1.47642	1.435432	0.921132	1.0676	1.0676	1.0676	0.3264	5.512072	1.95285	0.367322	1.64359	1.84358	2	0.742813	1.223132	1.223132	0.894308	0.915942	1.091777	0.776537	4.77013	6.14267	1
cg07199894	UUK1	0.63541	0.33651	1.16672	1.16672	0.239144	0.825457	1.21145	0.679288	1.06683	0.80596	1.03904	1.03904	0.148718	0.785843	1.27252		0.77974	1.04459	1.04459	0.865512	0.973969	1.02673	0.481089	0.804549	1.117788	0.566701	1.0943	1.0943	0.790523	0.303138	0.340858	1
cg16969623	ZNF312;ZNF312	0.6354514	0.211003	0.70594	1.41655	0.496646	1.20006	1.20006	0.503129	1.19668	1.19668	0.622166	0.877003	1.14025	0.872609	0.958486	1.04331		0.448003	0.815197	1.2267	0.392098	0.793205	1.26071	0.640513	1.13232	1.13232	0.242303	1.38174	1.38174	0.790518	0.874123	0.982898	1
cg02245119	ALPK1;ALPK1	0.6354529	0.566044	0.715938	1.39677	0.143805	0.404134	2.473443	0.74464	1.20749	1.20749	0.54583	1.42282	1.42282	0.63033	0.755408	1.32278		0.381503	0.559838	1.67852	0.260578	0.508184	1.96779	0.407381	0.643298	1.61203	0.504745	1.47768	1.47768	0.790496	0.41636	0.468495	1
cg26080567	DOPEY2	0.635432	0.363071	0.47335	2.1126	0.88592	0.891491	1.12172	0.582012	1.5602	1.5602	0.915774	0.91884	1.08833	0.149198	0.290095	3.44715		0.407245	0.507477	1.97053	0.166642	0.307316	3.25398	0.254266	0.385778	2.59216	0.719876	0.74966	1.33994	0.790491	0.81479	0.91245	1
cg14375531	C9orf170	0.635437	0.826706	0.938024	1.06702	0.782437	1.09133	1.09133	0.550046	0.826549	1.20985	0.428821	0.774896	1.2905	0.489654	1.24807		0.802815	1.0822	1.0822	0.108322	0.575163	1.73864	0.819615	0.930421	1.07478	0.275354	1.4309	1.4309	0.790484	1.24085	1.40142	1
cg23891190	GNB1 NDUFAF3;NDUFAF3;NDUFAF3;NDUFAF	0.635444	0.884332	1.04986	1.04986	0.06560668	1.99492	1.99492	0.758779	0.902177	1.10843	0.695337	0.876739	1.14059	0.97907	1.00881	1.00881		0.343475	1.38566	1.38566	0.568236	0.824666	1.21261	0.60859	0.841449	1.18843	0.901477	0.959451	1.04226	0.790474	1.39855	1.57267	1
cg24268822	3	0.635444	0.705483	0.942038	1.06153	0.71143	1.06018	1.06018	0.588285	0.91764	1.08975	0.699601	1.06287	1.06287	0.457562	1.12056	1.12056		0.492225	1.115993	1.115993	0.196196	0.758809	1.31612	0.597376	1.02015	1.020519	0.704074	1.30962	1.30962	0.348168	1
cg16845136	CELSR1	0.635445	0.482133	0.643963	1.55288	0.116857	0.350099	2.85633	0.292593	0.510345	1.95946	0.871375	1.10498	1.10498	0.499465	0.655515	1.52552		0.731599	0.808873	1.23629	0.840008	0.882911	1.13262	0.955147	0.965942	1.03526	0.255108	2.07919	2.07919	0.790472	4.7515	5.34308	1
cg11446310	EPS15L1	0.635453	0.348613	1.68253	1.68253	0.14248	1.10249	1.10249	0.188097	1.36806	1.36806	0.652793	1.22454	1.22454	0.194452	1.19552	1.19552		0.864794	1.962337	1.09314	0.181743	1.23514	1.23514	0.331072	1.25284	1.25284	0.130737	1.44427	1.44427	0.790476	0.653262	0.714965	1
cg08533268	SPNK8	0.635462	0.723334	0.747444	1.29142	0.342812	2.02016	2.02016	0.190157	2.71369	2.71369	0.500105	0.611108	1.63637	0.842535	0.688573	1.45017	0.456413	0.579414	1.72588	0.253801	0.424249	2.35711	0.790455	0.64876	7.2878	1
cg05132068	RPTOR;RPTOR	0.635463	0.874023	1.06979	1.03879	0.21339	0.279265	1.15125	0.862819	0.908128	1.10117	0.790646	0.938137	1.06594	0.255079	1.32967	1.32967		0.818729	1.05659	1.05659	0.142205	1.45986	1.45986	0.291868	1.09868	1.09868	0.874429	0.962786	1.03865	0.790447	0.719838	0.809486	1
cg22902939	KCTD18	0.635469	0.804067	0.930301	1.07492	0.147483	1.57103	1.57103	0.175568	1.55989	1.55989	0.814143	1.07084	1.07084	0.732325	1.31365	1.31365		0.531542	1.20225	1.20225	0.354406	1.31905	1.31905	0.48096	1.812033	1.21148	0.636275	0.870699	1.14885	0.790436	1.05755	1.18927	1
cg16731264	FILIP1	0.635476	0.16443	0.285298	3.5051	0.459712	0.529163	1.88978	0.66623	0.692875	1.44326	0.402229	0.484401	2.0644	0.098077	0.215618	4.63782		0.764034	0.775268	1.28988	0.203967	0.326701	3.0609	0.96073	0.968426	1.0326	0.895749	0.895078	1.11722	0.790426	8.94932	10.0641	1
cg25435966	CABLES2	0.635479	0.547359	0.746155	1.3402	0.737386	0.850576	1.17567	0.181589	2.05974	2.05974	0.311218	0.64332	1.55408	0.382268	0.838334	1.19279		0.804655	1.24596	1.24596	0.480367	1.4051	1.4051	0.189796	1.93173	1.93173	0.532951	0.741261	1.34905	0.790425	2.8138	3.16431	1
cg16931447	GAK	0.635485	0.21472	2.19889	2.19889	0.0842374	3.16576	3.16576	0.717488	1.24509	1.24509	0.267491	0.22973	2.22973	0.35626	1.77259	1.77259		0.760978	1.20209	1.20209	0.898781	1.0798	1.0798	0.88786	1.08885	1.08885	0.968943	0.976786	1.02377	0.790412	4.55614	5.12379	1
cg18240850	CLIP1;CLIP1	0.635486	0.644447	0.702797	1.42393	0.12328	3.58153	3.58153	0.222741	2.58492	2.58492	0.268991	0.799623	1.25059	0.588408	0.660568	1.51385		0.800136	0.824866	1.21232	0.804457	0.828195	1.20756	0.940977	1.16471	1.16471	0.365606	0.491865	2.02485	0.790421	7.21056	8.10894	1
cg06910676	STIP1	0.635497	0.211458	0.582067	1.71803	0.588267	0.798765	1.25193	0.304092	1.54769	1.54769	0.407597	0.705934	1.41656	0.283134	0.632269	1.5816		0.253004	0.612178	1.63351	0.311242	0.446001	2.24261	0.146911	0.94591	0.91583	1.09442	0.460611	0.734322	1.3638	0.790395	1.2057	2.37912	1
cg27185819	ADAMTS3	0.635515	0.322394	0.837327	-1.19428	0.767335	1.05288	1.05288	0.41625	1.15524	1.15524	0.593152	1.09819	1.09819	0.712894	0.937825	1.0663		0.617875	1.09128	1.09128	0.200025	0.790471	1.26507	0.720232	1.06446	1.06446	0.226832	1.24656	1.24656	0.790367	0.377609	0.424679	1
cg08834401	FIGLA	0.635516	0.17653	4.5969	4.5969	0.109134	0.736395	1.35796	0.729233	0.75303	1.32748	0.753304	0.731185	1.36792	0.731185	0.731185	1.36792		0.691251	0.654539	1.52797	0.6171	0.217037	4.6093	0.484858	2.05994	0.485994	0.943097	1.06034	0.790367	14.1097	15.8685	1
cg27472905	SNED1	0.635523	0.465695	1.28693	1.28693	0.88759	0.953077	-1.04923	0.147674	1.69524	1.69524	0.64655	0.8548	1.16986	0.838095	0.932841	1.07199		0.81218	1.08425	1.08425	0.314394	0.702214	1.42407	0.692714	0.873751	1.14449	0.237976	0.657035	1.52199	0.790356	1.44526	1.62543	1
cg24289131	IVNS1ABP	0.635553	0.617624	1.16242	1.16242	0.26385	0.979073	1.11114	0.644228	0.945835	1.05736	0.628357	0.942066	1.06015	0.674544	0.9166	1.09109		0.642202	1.18467	1.18467	0.844198	0.882719	1.13295	0.917488	0.882749	1.2081	0.515399	0.924059	1.08218	0.790345	0.794986	0.928865	1
cg13917916	SOX18	0.635564	0.260935	1.74014	1.74014	0.666306	0.814661	-1.2275	0.200582	1.89381	1.89381	0.385101	1.52307	1.52307	0.905732	1.05757	1.05757		0.693301	1.20675	1.20675	0.286775	0.592957	1.68646	0.454759	0.697853	1.43297	0.987594	0.992681	1.00737	0.790295	2.7942	3.14279	1
cg17371020	TRIM2;TRIM2	0.635565	0.3723	1.34173	1.34173	0.117715	0.579699	-1.72503	0.609587	0.847648	-1.17974	0.294787	1.41724	1.41724	0.967801	0.987129	-1.01304		0.953654	0.98152	1.01883	0.993638	0.997444	1.00254	0.845048	1.28336	1.28336	0.63195	0.856522	1.16751	0.790293	1.28915	1.44998	1
cg04727759	DGCR6	0.635579	0.307571	1.70965	1.70965	0.393735	0.892746	-1.12014	0.487935	1.62555	1.62555	0.469093	0.836048	1.19617	0.729572	0.745055	1.34209		0.987562	1.00264	1.00264	0.924237	1.00536	0.994968	1.00453	1.00443	1.00443	0.216784	1.35389	1.35389	0.790273	0.680251	0.765137	1
cg05642551	CDC6	0.635579	0.123281	1.9646	1.9646	0.584704	1.25011	1.25011	0.95559	1.02278	1.02278	0.816356	0.910195	-1.09867	0.856781	1.07581	1.07581		0.516714	1.30464	1.30464	0.166772	0.550865	-1.81533	0.840929	0.921932	-1.08468	0.643888	1.82835	-1.20718	0.790273	2.04776	2.30329	1
cg22150637	RSHCC1	0.635582	0.864448	0.804584	1.4039	0.273372	0.582335	-1.46591	0.88693	1.00243	1.00243	-1.08206	0.649932	1.50887	1.50887	0.755198	1.32483		0.260815	0.500528	1.99789	0.263166	0.447554	2.23502	0.575984	0.714234	1.40344	0.712268	0.474984	2.10555	0.560557			1
cg06403244	GLI3	0.635591	0.771084	1.10376	1.10376	0.845048	1.03585	-1.04865	0.542961	1.23167	1.23167	0.205781	0.636567	-1.57093	0.602188	1.1604	1.1604		0.375634	1.36028	1.36028	0.130202	0.575157	-1.73865	0.820315	0.925902	-1.08003	0.748066	1.89685	-1.11522	0.790255	1.43118	1.61206	1
cg10131417	MFSD2A;MFSD2A;MFSD2A;MFSD2A	0.635602	0.844127	0.956959	-1.04498	0.267479	0.772464	-1.29456	0.23935	1.31702	1.31702	0.915063	1.01838	1.01838	0.137511	0.699454	-1.42969		0.765904	1.06901	1.06901	0.57216	0.880232	-1.13606	0.786387	1.06259	1.06259	0.69581	1.09179	1.09179	0.790238	0.625126	0.703165	1
cg28459521	ZBBX	0.635616	0.359984	1.40334	1.40334	0.501425	1.14121	-1.44241	0.505353	1.37525	1.37525	0.581502	1.07452	-1.18357	0.731259	0.731259	1.36163		0.513604	1.26852	1.26852	0.168837	0.212929	4.69732	0.441832	0.516694	1.93585	0.360188	0.712902	-1.40272	0.790218	0.16964	0.18287	1
cg01090611	HNRNPD;HNRNPD;HNRNPD;HNRNPD	0.635629	0.152336	0.438958	-2.27812	0.99316	0.995407	-1.00461	0.413455	1.56676	1.56676	0.966653	0.9778	-1.0227	0.615317	0.76179	1.3127		0.90136	1.06885	1.06885	0.103777	0.384696	-2.59946	0.741765	0.840547	-1.1897	0.999018	1.00066	1.00066	0.790198	1.6091	4.05985	1
cg09132195	KLHL31	0.635639	0.185766	1.84354	1.84354	0.162693	0.774724	-1.41956	0.247744	1.74743	1.74743	0.885358	1.15536	-1.62469	0.992067	0.992747	1.00757		0.622917	1.56857	1.56857	0.064978	0.724913	-1.37948	0.833819	0.912657	-1.0957	0.665645	0.899723	-1.12149	0.790187	0.794986	0.928865	1
cg27496650	TOX	0.635646	0.485691	0.78316	-1.27688	0.977459	1.0098	1.0098	0.720159	1.13215	1.13215	0.312909	0.697584	-1.43352	0.465325	0.773862	1.29222		0.94675	1.02331	1.02331	0.246249	0.658119	-1.51948	0.259718	1.50027	1.50027	0.344192	1.39958	1.39958	0.790173	1.48971	1.67581	1
cg07136388	NIPAL1	0.635651	0.820176	1.26912	1.26912	0.52047	1.97746	0.457863	2.2062	2.2062	2.2062	0.805211	0.772115	-1.29514	0.459655	2.19901	2.19901		0.772754	1.354	1.354	0.203937	0.40897	0.40897	0.191668	4.24914	4.24914	0.100868	0.55869	0.55869	0.790166	13.7104	15.4234	1
cg26251333	TCEANC	0.635654	0.820077	0.946484	1.05637	0.763178	0.953179	-1.04506	0.943402	1.05666	1.05666	0.776298	0.953179	-1.04506	0.943402	1.05666	1.05666		0.158509	0.634691	-1.57602	0.32418	0.44678	2.23846	0.440612	0.702969	1.42307	0.267556	0.46602	2.14627	0.702969	1.42307	0.267556	1
cg07487925	WSB1;WSB1	0.635662	0.390683	1.13258	1.13258	0.830463	0.970105	-1.03082	0.643004	0.936094	-1.0683	0.951641	0.991452	-1.00862	0.124777	1.2652	1.2652		0.994101	1.00105	1.00105	0.310614	0.861997	-1.1601	0.424982	0.891074	-1.12224	0.500699	1.10159	1.10159	0.79015	0.250746	0.28208	1
cg27131731	NBG1	0.635678	0.55383	1.44652	1.44652	0.49763	0.92559	-1.08045	0.674885	1.01202	1.01202	-1.15203	0.172538	0.576565	1.73456	0.576565	1.73456		0.609504	1.18342	1.18342	0.470396	0.76765	-1.30273	0.768304	0.824619	-1.21269	0.390704	0.934838	1.06989	0.81579	0.79027	1.26555	1
cg04616529	CLEC16A	0.635684	0.729999	0.844112	-1.18468	0.663836	1.23851	-1.23851	0.631505	1.26664	1.26664	0.943955	0.966194	-1.03499	0.884265	0.398724	2.508		0.506437	0.710199	1.40809	0.397733	0.713884	-1.40079	0.713884	0.713884	-1.40079	0.713884	0.713884	-1.40079	0.713884	0.713884	-1.40079	1
cg01239922	LRRC14B	0.6357	0.401551	0.497993	-2.00806	0.897193	0.900354	-1.11067	0.609788	1.51853	1.51853	0.831468	0.841092	-1.18893	0.246751	0.374001	2.67379		0.372295	0.479204	-2.0868	0.123337	0.257845	-3.8783	0.203059	0.335856	-2.97746	0.926199	0.92753	-1.07813	0.790093	8.25068	9.28236	1
cg24841559	TRAPPC9;TRAPPC9	0.635722	0.340982	0.656397	-1.52356	0.44663	0.750216	-1.33295	0.624178	1.16079	1.16079	0.861708	0.885671	1.12944	0.74009	0.677097	1.47656		0.521038	0.786734	1.27108	0.399315	0.37462	-2.66975	0.574008	0.725154	-1.37899	0.724424	1.233	1.233	0.652615	0.846128	1.18181	1
cg26502414	NUTF2 ARFRP1;DSPAT;ZGPAT;DSPAT;ARFRP1;Z	0.635731	0.88635	1.03101	1.10312	7													0.703667	1.29988	1.29988	0.110305	0.302905	-3.30136	0.814976	0.851397	-1.17454	0.850413	1.13186	1.13186	0.790269	0.1458	0.63059	1
cg13266717	GPAT	0.635731	0.475483	1.61782	1.61782	0.707753	0.779063	-1.28359	0.844663	1.13889	1.13889	0.883855	1.0176	1.01076	0.627034	1.38352	1.38352		0.270359	2.14014	2.14014	0.221494	0.42658	-2.34422	0.227096	0.431409	-2.31798	0.479591	0.620975	-1.61037	0.790046	5.49957	6.18762	1
cg22987116	COG3;SEC34L	0.635745	0.350981	0.497686	-2.01274	0.97201	0.979441	-1.34963	0.760891	1.26089	1.26089	0.585347	0.649231	-1.54028	0.819103	0.819103	1.22076		0.347334	0.468368	-2.13507	0.251495	0.390983	-2.55763	0.818205	0.907853	-1.10139	0.827262	0.609329	-1.64115	0.790235	0.756278	0.849821	1
cg06323119	BEND2	0.63579	0.35784	1.35834	1.35834	0.692693	1.1273	1.1273	0.774484	0.60363	1.6569	0.612729	0.941224	-1.20275	0.968103	1.01304	1.01304		0.980705	0.996234	-1.00378	0.931566	1.18393	1.18393	0.81985	1.00333	1.00333	0.699889	1.13367	1.13367	0.790219	1.31269	1.47607	1
cg11642254	LMBR1	0.635751	0.939716	0.991008	-1.00907	0.133529	0.824267	-1.2132	0.711607	0.956624	-1.04534	0.648941	0.946739	-1.05626	0.203555	0.851917	-1.17382		0.328795	0.886598	-1.12791	0.355768	1.12012	1.12012	0.993755	0.999066	-1.00094	0.476821	0.917241	-1.09023	0.790017	0.178437	0.200768	1
cg12012426	KIAA1530	0.635762	0.343822	1.45483	1.45483	0.493547	0.891521	-1.12148	0.444035	1.34944	1.34944	0.933195	1.14433	-1.14433	0.400859	0.259171	-3.85944	0.323203	0.409441	-2.44128	0.277	0.572448	0.674311	0.944696	1.05907	0.944696	0.665078	1.98168	1.98168	0.790016	0.85907	0.96725	1
cg01090613	PIP4K2B	0.635785	0.255926	0.593569	-1.68472	0.545631	1.30865	1.30865	0.138101	2.0183	2.0183	0.86122	0.925925	-1.08	0.372041	1.49645	1.49645		0.729439	0.858378	-1.16499	0.471718	0.724713	-1.37986	0.896318	0.94427	-1.05902	0.663321	1.21246	1.21246	0.789666	2.42024	2.72332	1
cg17261712	SNCB;SNCB	0.635791	0.522912	1.58816	1.58816	0.121288	1.33207	1.33207	0.105603	1.60183	1.60183	0.43027	0.440768	2.26958	0.932427	1.0644	1.0644		0.758319	1.31819	1.31819	0.74257	0.997427	1.00257	0.997427	0.997427	1.00257	0.997427	0.997427	1.00257	0.997427	0.997427	1.00257	1
cg18036707	TBC1;TBC2	0.635806	0.850489	1.04918	1.04918	0.873912	1.03605	-1.03605	0.760689	1.06884	1.06884	0.984659	0.959227	-1.04319	0.945513	1.2581	1.2581		0.757614	1.06979	1.06979	0.065652	0.642531	-1.55635	0.97433	0.980812	-1.02044	0.406178	0.205445	0.789915	0.594158	0.660587		1
cg25258293	FAR1;FAR1;FAR1;FAR1 FAR1;RPAR1;RPAR1;RPAR1;RPAR1;R	0.635812	0.582022	0.915955	-1.09176	0.170056	0.793925	-1.25957	0.12567	1.29914	1.29914	0.671971	0.06959	0.06959	0.801956	0.9743	-1.02638		0.565201	1.09616	1.09616	0.56758	1.09601	1.09601	0.882456	1.02364	1.02364	0.961392	1.00767	1.00767	0.789926	0.31198	0.351065	1
cg11315991	PRKAR1B;PRKAR1B	0.635814	0.722285	0.723664	-1.38186	0.193065	3.47488	3.47488	0.176612	3.67617	3.67617	0.824265	0.817446	-1.22332	0.455769	0.502348	-1.99065		0.984794	1.01742	1.01742	0.572025	0.595997	-1.67786	0.703423	0.707044	-1.41434	0.37201	0.435749	-2.2949	0.789922	10.2763	11.5638	1
cg20135099	CANX	0.635823	0.458202	0.955502	-1.04572	0.80796	0.892198	-1.12083	0.280534	1.8689	1.8689	0.962909	1.02627	1.02627	0.178923	0.451111	-2.21675		0.349302	0.594453	-1.711	0.340268	0.578153	-1.72964	0.707857	0.712183	-1.40413	0.37179	0.730257	1.21283	1.21283	0.789912	3.8894	4.17562	1
cg06172950	COG3	0.63584	0.38359	0.550427	-1.81677	0.200422	0.405031	-2.46895	0.114002	0.316956	-3.15501	0.574919	0.684777	-1.46033	0.344601	0.521757	1.9166		0.432527	0.585509	-1.70792	0.947391	0.956861	-1.04508	0.518011	1.54953	1.54953	0.682316	0.759557	-1.31656	0.789879	5.58674	6.28703	1
cg09035699	ACSL6;ACSL6	0.63585	0.684079	1.12037	1.12037	0.263678	1.38226	1.38226	0.748749	1.09339	1.09339	0.642314	1.13877	1.13877	0.576617	0.85495	-1.16966		0.712711	1.10822	1.10822	0.0838498	1.70149	1.70149	0.251478	1.39495	1.39495	0.836095	0.944068	-1.05925	0.789869	0.965607	1.08666	1
cg11155356	TG;SLA;SLA;SLA;SLA	0.635852	0.682343	1.47542	1.47542	0.29455	0.407455	-2.45207	0.185479	0.950473	-1.05211	0.13448	1.88727	1.88727	0.0127	0.547195	1.82765		0.448674	0.61607	-1.6233	0.547345	0.644214	-1.55239	0.140547	0.644214	-1.55239	0.140547	0.644214	-1.55239	0.140547	0.644214	-1.55239	0.140547	1
cg08087047	CD300A	0.635882	0.617768	1.12186	1.12186	0.65374	0.902713	-1.10777	0.240646	0.755198	-1.32416	0.201116	1.36149	1.36149	0.656943	0.902879	1.10757		0.384673	1.22595	1.22595	0.449877	1.19242	1.19242	0.511426	0.8588	-1.16442	0.658216	0.903249	-1.10711	0.789822	0.653474	0.735439	1
cg15506514	TBC1D8	0.635891	0.766792	1.04221	1.04221	0.156313	0.735279	1.59484	0.364105	1.13646	1.13646	0.8312	0.789686	1.26633	0.859324	0.582146	1.71778		0.450414	1.12125	1.12125	0.772674	0.96737	-1.03396	0.315889	0.602221	0.940737	-1.06263	0.315889	0.602221	0.940737	-1.06263	0.315889	0.602221	0.940737	-1.06263

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1271 vs. N)	Fold-Change(1-vs-1271 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error
cg03177073	PTPN2;PTPN2;PTPN2	0.636421	0.713056	1.28217	1.26217	1.0837354	0.34161	1.34161	0.2009951	0.4344808	1.29987	0.741741	1.23178	0.1138801	1.16035	1.16035	0.7071666	0.788292	1.26857	0.6432848	1.34227	1.34227	0.9088052	0.998935	1.01037	0.835347	0.877047	1.14019	0.788021	4.96535	5.59382	1
cg18596362	CBL;CBL;CBL	0.636423	0.921427	0.9795335	1.02089	0.6855096	0.918239	1.08904	0.5179078	0.8716381	1.14726	0.2163134	0.761337	1.3148398	0.8627862	0.9685567	0.6206665	0.900726	1.11022	0.6013263	0.645286	1.5497	0.681337	1.09039	0.09009	0.820747	1.04871	0.784018	0.5488666	0.618339	1
cg14099293	BTBD9;BTBD9	0.636438	0.741583	1.11628	1.11628	0.4804653	1.26924	1.26924	0.9911597	1.003551	1.00351	0.222569	0.653063	1.53125	0.948576	1.02167	1.02167	0.858755	1.061	1.061	0.423437	1.31229	1.31229	0.11191	0.562452	1.77793	0.728573	0.8906491	1.12278	0.788996	1.38079	1.55561	1
cg18540441	LMO1	0.636449	0.609633	0.90304	1.10737	0.2480515	1.37393	1.37393	0.833087	1.05806	1.05806	0.883477	1.04001	1.04003	0.323513	1.30768	1.30768	1.240257	1.37593	1.37593	0.246243	0.726871	1.37576	0.495378	0.819449	1.19976	0.937866	1.02072	1.02072	0.788979	0.864787	0.974297	1
cg19787279	TOMM34	0.636458	0.332148	0.95914	2.19339	0.3619184	0.479164	2.08697	0.69842	0.73667	1.35746	0.940266	0.942862	1.06061	0.226774	0.369249	0.2708	0.176722	0.323883	3.08753	0.136464	0.283792	3.5237	0.786207	1.23793	1.23793	0.502776	0.586304	1.70586	0.788966	7.70121	8.67657	1
cg04132298	GPR149	0.636462	0.327795	0.637151	1.56094	0.5555565	1.30479	1.30479	0.324655	0.635163	1.5744	0.216826	0.559967	1.7585	0.147224	0.220615	0.829858	0.90844	1.10079	0.518374	0.746636	1.33934	0.534407	0.755108	1.32436	0.654305	0.817808	1.22278	0.78896	2.48881	2.80325	1
cg19850080	SLC19A3	0.636462	0.600652	1.10687	1.10687	0.7728313	1.05723	1.05723	0.676246	0.922438	1.08408	0.133394	1.36511	1.36511	0.181599	1.31339	1.31339	0.915927	1.02051	1.02051	0.623179	1.09988	1.09988	0.381191	1.18847	1.18847	0.181638	1.31335	1.31335	0.78896	0.46179	0.52028	1
cg14134477	LIMA1;LIMA1	0.636463	0.958423	1.00884	1.07814	0.7760818	0.955564	1.0465	0.592939	0.937608	1.09789	0.36932	0.863364	1.15826	0.524207	0.902267	1.01932	0.190349	0.801725	1.24751	0.240143	0.822033	1.2165	0.629875	1.08045	1.08045	0.272346	1.19969	1.19969	0.788959	0.317276	0.357462	1
cg18738657	FKBP2;FKBP2;FKBP2	0.636474	0.580208	1.14897	1.14897	0.292021	0.886089	1.94656	0.520599	1.93272	1.57755	0.734483	1.77055	1.27272	0.764487	1.25955	1.29128	0.808167	0.932118	1.07264	0.225353	1.45223	0.95331	1.04907	0.711449	1.40558	0.37126	1.25259	1.25259	0.788942	0.720249	0.869856	1
cg22390096	ZNF440;ZNF75D	0.636475	0.205342	0.330536	-3.02539	0.185443	0.312427	-3.20075	0.480743	0.552208	-1.81091	0.81736	1.21126	1.21126	0.556078	0.610607	-1.63771	0.133906	0.262027	-3.8164	0.83188	1.1926	1.1926	0.977432	1.02371	1.02371	0.831662	1.19288	1.19288	0.7888941	0.57705	0.66364	1
cg16577862	ATP10A	0.636505	0.1937	0.832604	1.20177	0.4964573	0.10637	1.10637	0.1033	0.2895851	0.96215	1.03507	0.4838323	0.8512166	1.23128	0.1975155	0.8529512	1.21587	0.952163	1.084335	1.035507	0.1975153	0.530759	1.8841	0.723264	0.9988373	1.01542	0.4294	1.18577	1.12896	0.7888897	0.865393	0.975081	1
cg23759484	EPHC1	0.636512	0.505312	0.845217	-1.18313	0.83298	1.05394	1.05394	0.685326	1.10666	1.10666	1.016664	1.631654	1.127768	1.127768	0.037388	0.608559	-1.64323	0.698558	1.1066	1.10166	0.489565	1.1908	1.1908	0.603009	0.877626	-1.13944	0.646363	1.1218	1.1218	0.788886	0.773283	0.871309	1
cg08237175	MAD1L1;MAD1L1;MAD1L1	0.636517	0.793976	0.96068	-1.10268	0.856424	1.06998	1.06998	0.080778	0.780264	2.06104	2.061041	0.865342	1.08564	1.08564	0.838466	0.926597	-1.07922	0.303756	3.67792	-1.48855	0.654092	1.1835	1.1835	0.569911	1.12742	1.12742	0.423528	0.736015	-1.35301	0.788378	1.74272	1.96365	1
cg10228605	RPA1	0.636518	0.634246	1.06055	-1.16258	0.312801	0.720253	-1.3884	0.838425	0.853999	-1.17096	0.525505	1.2241	1.2241	0.979499	0.991056	-1.00811	0.124555	0.592938	-1.68652	0.179459	0.638798	1.5654	1.5654	0.364768	0.74624	-1.34005	0.542227	0.823738	-1.21398	0.788877	1.23427	1.39074	1
cg27554237	SLC27A1	0.63652	0.160772	0.392799	-2.54583	0.14872	0.380572	-2.62762	0.851342	1.08115	1.24515	1.124515	0.510269	0.659291	-1.51678	0.408533	0.619261	-1.61483	0.608092	1.38075	1.38075	0.840649	0.881991	-1.1338	0.262317	0.482372	-2.07309	0.900233	1.08138	1.08138	0.788874	4.86115	5.47745	1
cg00579603	PCYT1B	0.636547	0.971636	0.987581	-1.01258	0.975136	0.980091	-1.01103	0.683102	0.840584	-1.15542	0.461453	0.768304	-1.30198	0.116694	0.548847	1.822	0.152381	1.582096	-1.75726	0.193501	0.1289	1.1289	1.1289	0.683807	1.15303	1.15303	0.509847	1.2653	1.2653	0.788834	1.54771	1.74402	1
cg26286408	CAND2;CAND2	0.636548	0.426108	2.08228	2.08228	0.526117	1.7856	1.7856	0.971133	1.0332	1.0332	0.395941	0.456298	-2.19155	0.524964	0.559106	-1.78857	0.669307	0.678572	-1.47368	0.914362	1.10196	1.10196	0.976428	0.973686	-1.02702	0.0826874	1.56608	1.56608	0.788833	10.1766	11.4674	1
cg05606268	CHRM1	0.636562	0.460367	1.49427	1.49427	0.4708071	1.25651	1.25651	0.952601	1.02071	1.02071	0.633639	1.27394	1.27394	0.476528	1.47215	1.47215	0.249717	1.90182	1.90182	0.047827	3.35143	3.35143	0.68658	1.24205	1.24205	0.978393	1.01471	1.01471	0.788212	3.56735	4.01995	1
cg02647615	KIAA1239	0.636569	0.757633	0.88929	1.68929	0.298039	0.742588	-1.94664	0.62054	1.14375	-1.14785	0.425102	1.25238	1.25238	0.808167	0.932118	-1.0726	0.721775	1.10383	1.10383	0.313068	0.757986	-1.13159	0.541151	1.26203	1.26203	0.169852	1.49777	1.49777	0.788701	0.953695	1.07471	1
cg09104919	BCL11A;BCL11A;BCL11A	0.636571	0.144601	0.678403	-1.47405	0.49866	0.843598	-1.1854	0.463109	1.20314	1.20314	0.680121	1.10811	1.10811	0.882855	1.03718	1.03718	0.377986	1.25105	1.25105	0.636406	0.888773	-1.12515	0.745457	1.084	1.084	0.287648	1.13438	1.13438	0.7887098	0.765991	0.863188	1
cg13799919	POLR1D	0.636587	0.921069	1.07783	1.07783	0.8239909	0.64135	-1.1831	0.18472	2.89172	2.89172	0.734662	1.29276	1.29276	0.199154	1.39242	1.39242	0.11587	0.454298	2.56254	-1.7777	0.386813	0.511951	-1.95345	0.983829	1.07542	1.07542	0.42941	1.83835	1.83835	0.7887175	7.1175	8.02088	1
cg14032528	CLCN6;CLCN6;CLCN6;CLCN6;MTHFR	0.636595	0.247853	0.706408	-1.41561	0.772575	0.18636	1.08636	0.877826	1.04494	1.04494	0.446345	0.800565	-1.24912	7	7	7	0.462464	0.807105	-1.239	0.208127	1.46565	1.46565	0.467393	0.809084	-1.23597	0.536608	0.835991	-1.19618	0.777643	0.874974	0.984516	1
cg19733463	MMU81	0.636595	0.359799	0.685125	-1.22873	0.795151	0.841337	1.18855	0.534437	0.748783	1.33636	0.766653	1.33437	0.748783	0.726536	1.37624	-1.10584	0.452488	0.522665	1.91327	0.313596	3.189	-2.9999	0.860002	0.603921	-1.65793	0.147725	0.462817	-2.16068	0.788762	0.915147	1.02095	1
cg22454192	KCNG1	0.63661	0.429177	1.30791	1.30791	0.940739	0.975575	-1.02504	0.434288	1.30389	1.30389	0.384943	1.34484	1.34484	0.588696	1.19911	1.19911	0.281129	1.54974	1.54974	0.0710829	1.95545	1.95545	0.354093	1.37314	1.37314	0.71191	1.1313	1.1313	0.78874	1.38189	1.55735	1
cg20522104	DLG2;DLG2;DLG2;DLG2	0.63661	0.231156	0.470393	-2.12588	0.142601	0.388165	-2.57623	0.17465	0.420228	-2.37966	0.773772	0.841089	-1.18893	0.806777	0.86317	-1.15852	0.390649	0.589683	-1.69583	0.780744	1.18241	1.18241	0.803132	0.859508	-1.16346	0.60789	1.1646	1.1646	0.7887484	4.50407	5.07597	1
cg20478514	SCCPDH;SCCPDH	0.636611	0.646284	1.10349	1.10349	0.7907403	0.795104	-1.03034	0.817292	1.09246	1.09246	0.810082	1.14463	1.14463	0.778054	1.14463	1.14463	0.124973	0.160625	6.22482	1.03082	1.24303	1.24303	0.978774	1.02695	1.02695	0.738719	1.21085	1.21085	0.7874004	1.06069	0.563806	0.633215	1
cg03874231	KCNK5	0.636623	0.836915	1.06884	1.06884	0.790603	0.917636	-1.08976	0.724685	0.892067	-1.12099	0.385038	1.33329	1.33329	0.969884	1.01227	1.01227	0.373532	1.34319	1.34319	0.064766	1.95416	1.95416	0.867018	1.05562	1.05562	0.567364	0.829596	-1.20541	0.788722	1.30312	1.46861	1
cg10670077	INSR;INSR	0.636641	0.435134	1.43453	1.43453	0.8407075	0.916401	-1.09292	0.427488	1.44651	1.44651	0.288847	1.66516	1.66516	0.594733	1.61383	1.61383	0.733995	0.856474	-1.16758	0.389847	0.6753	1.48082	0.947337	1.0556	1.0556	0.943459	1.02086	1.02086	0.6654748	2.82899	3.21806	1
cg16528515	RIPPLY2	0.636643	7	7	7	0.692906	1.75447	1.75447	0.986174	0.975775	-1.02483	0.418096	1.23779	1.23779	0.147252	1.35378	1.35378	0.766347	1.52489	1.52489	0.145768	0.943389	0.917486	1.08404	-1.15735	0.185227	0.74659	-1.34659	0.777697	21.463	24.1524	1
cg10696969	PRDM16;PRDM16	0.636646	0.30091	0.430467	-2.32306	0.523699	1.66224	1.66224	0.964106	0.965232	-1.03602	0.792174	0.812488	-1.23079	0.423316	0.525671	-1.90233	0.838654	0.85187	-1.17389	0.260581	2.51611	2.51611	0.144801	0.291853	-3.42638	0.849095	1.16159	1.16159	0.7886687	7.72389	8.7052	1
cg15136565	PTPN1	0.636655	0.822007	1.09861	1.09861	0.7311495	1.12111	1.12111	0.939853	1.01284	1.01284	0.872452	1.23523	1.23523	0.754505	1.19389	1.19389	0.183687	0.720439	1.38813	0.327217	1.03887	1.03887	0.956277	1.02315	1.02315	0.788687	2.17616	2.17616	0.7885424	2.45264	2.89098	1
cg19345564	CHCHD5;CHCHD5	0.636646	0.787104	1.35244	1.35244	0.26716	1.69665	1.69665	0.27326	3.62931	3.62931	0.436459	2.43765	2.43765	7	7	7	0.462464	0.807105	-1.239	0.208127	1.46565	1.46565	0.467393	0.809084	-1.23597	0.536608	0.835991	-1.19618	0.777643	0.874974	0.984516	1
cg07439128	KCND1;ON	0.63674	0.693727	1.79486	1.79486	0.1559102	0.781362	1.67768	0.555474	0.803784	1.83848	0.588511	1.60738	1.60738	0.326329	1.67742	1.67742	0.550237	1.3614	1.3614	0.156389	1.1964	1.1964	0.878427	1.08126	1.08126	0.624487	1.12005	1.12005	0.7886641	1.53412	1.66767	1
cg03808172	SHFM1	0.636667	7	7	7	0.475525	1.8948	1.8948	0.944665	1.06305	1.06305	7	7	7	0.21256	0.314594	-1.1787	7	7	7	0.385487	0.456719	-2.18953	0.688578	0.701262	-1.426	0.703695	1.80394	10.9228	1
cg08290850	TMEM151B	0.636684	0.205599	0.78761	-1.27066	0.623269	0.914488	-1.09351	0.558116	1.11286	1.11286	0.961928	1.00866	1.00866	0.108393	0.728909	-1.37191	0.241941	0.801616	-1.24748	0.896168	1.02385	1.02385	0.887713	0.974815	-1.02584	0.978537	1.00487	1.00487	0.7886783	0.407146	0.458606	1
cg04889136	PPP2R5A;SNORA16B	0.636793	0.403834	1.25413	1.25413	0.7951151	0.841337	1.18855	0.534437	0.748783	1.33636	0.766653	1.33437	0.748783	0.726536	1.37624	-1.10584	0.452488	0.522665	1.91327	0.313596	3.189	-2.9999	0.860002	0.603921	-1.65793	0.147725	0.462817	-2.16068	0.788762	0.915147	1.02095	1
cg20586654	TET2;TET2 MIR9152;SARS2;MIR9152;MIR9152;SARS	0.636737	0.713727	1.07961	1.07963	0.300609	1.24988	1.24988	1.8948	0.721553	0.928286	-1.07725	0.0916042	1.4715	1.4715	0.335329	1.2295	1.2295	0.379803	1.20605	1.20605	0.104364	0.538586	1.85	0.943965	1.01472	1.01472	0.589862	1.893004	-1.11982	0.788552	0.540063	0.608782	1
cg18480310	2	0.636748	0.241989	1.15721	1.15721	0.435304	1.09955	1.09955	0.251208	1.15365	1.15365	0.599206	0.938729	-1.06527	0.262594	1.14943	1.14943	0.975705	0.996376	-1.00364	0.588586	0.936965	-1.06728	0.710204	1.04554	1.04554	0.390765	0.900463	-1.11054	0.788536	0.175531	0.200125	1
cg14086160	TAGLN2	0.636749	0.539396	0.826503	-1.20992	0.244068	0.688151	-1.45317	0.290883	0.714535	-1.39951	0.906628	1.03664	1.03664	0.428247	0.780342	-1.28149	0.220712	0.673797	-1.48413	0.114383	0.590597	-1.6932	0.868161	1.05227	1.05227	0.935976	0.975663	-1.02494	0.788534	1.1745	1.32398	1
cg18954163	DUSP16	0.636842	0.593649	0.883722	1.13168	0.7373356	0.73782	-1.35506	0.106713	1.3044	1.3044	0.479356	1.3304	1.3304	0.73956	1.33804	1.33804	0.53534	1.15504	1.15504	0.514494	1.39314	1.39314	0.061978	1.52096	1.52096	0.743576	1.07826	1.07826	0.7883183	0.583868	0.741819	1
cg05477246	SOLH	0.636756	0.598501	1.17924	1.17924	0.8888812	0.558638	-1.79007	0.72975	0.897984	-1.11361	0.910955	0.965884	-1.03532	0.416298	1.29405	1.29405	0.902517	1.03875	1.03875	0.610006	1.17306	1.17306	0.440508	0.78347	-1.27637	0.417397	0.773258	1.29323	0.788524	1.20233	1.35536	1
cg12967395	PPP3R1;PPP3R1	0.636757	0.448383	1.21702	1.21702	0.7951151	0.841337	1.18855	0.534437	0.748783	1.33636	0.766653	1.33437	0.748783	0.726536	1.37624	-1.10584	0.452488	0.522665	1.91327	0.313596	3.189	-2.9999	0.860002	0.603921	-1.65793	0.147725	0.462817	-2.16068	0.788762	0.915147	1.02095	1
cg00322605	FIGNL1;FIGNL1	0.636772	0.221456	0.66477	-1.50428	0.17056	0.628976	-1.58989	0.696853	1.13245	1.13245	0.560628	0.829492	-1.20556	0.87102	1.05298	1.05298	0.926875	1.02959	1.02959	0.243677	1.47337	1.47337	0.784129	0.916455	-1.09116	0.511847	0.809471	-1.23537	0.7885	1.26053	1.42102	1
cg20322444	FAM65B	0.636773	0.615417	1.08955	1.08955	0.7109041	0.814414	-1.22788	0.583691	0.915687	-1.09208	0.166145	0.790562	-1.26516	0.196496	0.790562	-1.26516	0.733995	0.856474	-1.16758	0.389847	0.6753	1.48082	0.947337	1.0556	1.0556	0.943459	1.02086	0.665478	2.82899	3.21806	1
cg10132348	KIAA0232;KIAA0232	0.636778	0.420164	0.65098	-1.53614	0.231532	0.519928	-1.92334	0.404309	0.640976	-1.56012	0.843751	1.10833	1.10833	0.571295	0.742155	-1.34743	0.366641	0.616683	-1.62158	0.333736	0.594726	-1.68145	0.121194	0.416512	-2.40089	0.616676	1.30089	1.30089	0.788476	3.39243	3.82446	1
cg17869161	GPT FGF13;FGF13;FGF13;FGF13;FGF13;FGF13	0.636788	0.420164	0.65098	-1.53614	0.231532	0.519928	-1.92334	0.404309	0.640976	-1.56012	0.843751	1.10833	1.10833	0.571295	0.742155	-1.34743	0.366641	0.616683	-1.62158	0.333736	0.594726	-1.68145	0.121194	0.416512	-2.40089	0.616676	1.30089	1.30089	0.788476	3.39243	3.82446	1
cg24980440	3	0.636791	0.755015	0.817534	-1.22319	0.163825	0.356476	-2.80524	0.594128	0.705568	-1.41703	0.516523	1.52779	1.52779	0.2666	0.474743	2.1064	0.322239	0.517812	-1.9312	0.581577	1.43081	1.43081	0.550375	1.47535	1.47535	0.961708	0.969572	-1.03138	0.788471	5.17309	5.83192	1
cg04328729	DIP2C	0.636795	0.609206	0.885819	-1.1864	0.163015	1.67869	1.67869	0.835989	0.92959	-1.07574	0.878257	1.05477	1.05477	0.135184	0.573075	-1.75108	0.809478	0.915671	-1.0921	0.466854	1.29379	1.29379	0.643209	0.850206	-1.17619	0.844754	1.07058	1.07058	0.7884665	1.51127	1.70375	1
cg07468077	KIAA0182;KIAA0182	0.63681	0.945982	0.940783	-1.05587	0.331067	0.23602	-2.82202	0.4228	0.473554	-2.11243	0.6844	1.53449	1.53449	0.630714	1.47498	1.47498	0.316018	0.402129	2.48603	-2.48603	0.402129	0.502574	-1.98976	0.715292	1.3417	1.3417	0.564231	0.850741	-1.16858	0.597516	0.652123	-1.53345	0.788444	0.83956	0.95078	1
cg16819299	ISG15	0.636851	0.856861	0.948766	-1.054	0.163336	0.54245	-1.54245	0.206971	0.473654	1.47354	0.861972	1.052	1.052	0.193777	0.738151	-1.35437	0.820522	1.06843	1.06843	0.882977	0.958003	-1.04384	0.277348	1.3897	1.3897	0.975734	0.991179	-1.0089	0.788382	1.05946	1.19453	1
cg13895172	EIF4ENIF1;EIF4ENIF1;EIF4ENIF1 LOC389791;PTGES2;PTGES2;PTGES2;PT	0.636853	0.879087	1.13756	1.13756	0.2624	1.1533	1.1533	0.3181	0.465634	2.06574	0.624422	1.45433	1.45433	0.510268	0.657374	-1.52124	0.879087	1.13756	1.13756	0.2624	1.1533	1.1533	0.3181	0.465634	2.06574	0.624422	1.45433	1.45433	0.510268	0.657374	-1.52124	0.788523	1.19453	1
cg13826862	GES2	0.636856	0.825816	0.924657	-1.08148	0.833104	0.927748	-1.07788	0.919763	1.03646	1.03646	0.787524	1.10077	1.10077	0.675309	1.16151	1.16151	0.367697	0.719748	-1.38938	0.109331	0.537675	-1.85986	0.545214	0.80445	-1.24309	0.238485	1.55083	1.55083	0.7883875	1.57712	1.7782	1
cg04093018	CD36;CD36;CD36;CD36	0.636866	0.823954	0.954841	-1.04729	0.316847	0.806855	-1.23938	0.337902	0.814734	-1.2274	0.558239	1.13065	1.13065	0.896788	0.973442	-1.02728	0.619118	1.10953	1.10953	0.121888	1.41589	1.41589	0.518674	0.873107	-1.14534	0.831155	1.04472	1.04472	0.7883859	0.53707	0.605556	1
cg05635953	C19orf52;YIPF2	0.63688	0.807739	1.07163	1.07163	0.477168	0.814561	-1.22766	0.751735	0.913875	-1.09424	0.649282	0.878165	-1.13874	0.074268	0.568698	-1.7584	0.643156	0.875998	-1.14156	0.346924	0.759692	-1.31632	0.63188	0.86557	-1.15531	0.1635911	0.655803	-1.52485	0.788339	1.00541	1.13365	1
cg04155756	TBC1D14;TBC1D14;TBC1D14	0.636882	0.922533	1.08386	1.08386	0.7222861	0.92426	1.1426	0.648224	0.790127	-1.11384	0.649206	0.977202	-1.02312	0.893455	1.03705	1.03705	0.907272	1.10254	1.10254	0.195259	1.54533	1.54533	0.300529	1.47508	1.47508	0.452755	1.31841	1.31841	0.7883917	0.915068	1.56602	1
cg21115004	SLC35D1	0.636909	0.695361	0.898741	-1.11267	0.923407	1.02678	1.02678	0.66823	0.889651	-1.12404	0.314294	1.32617	1.32617	0.409061	1.2574	1.2574	0.726316	0.909071	-1.10004

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg06014251	SCN3A	0.637556	0.842465	1.15981	1.15981	1.09341E-156	1.86073	3.86079	0.103566	3.68119	3.68119	0.9019881	0.9171138	-1.03035	0.911942	1.08436	1.08436	0.7525	1.26061	1.26061	0.822128	1.1792	1.1792	0.977551	1.02085	1.02085	0.7380971	0.782851	-1.27758	0.787335	0.6828	7.54477	1
cg19619625	RREB1;RREB1;RREB1;RREB1	0.637563	0.119837	0.5800334	-1.72404	0.51632	1.23664	1.23664	0.351886	1.36234	1.36234	0.816904	0.92788	-1.07773	0.44898	0.779563	-1.28277	0.656105	1.15564	1.15564	0.846745	1.06444	1.06444	0.326337	0.721036	-1.38689	0.957986	0.983141	-1.01715	0.787326	1.29803	1.46649	1
cg03192679	EIF4E1;EIF4E3;EIF4E3;EIF4E3	0.637587	0.650874	1.06876	1.06876	0.430891	1.12451	1.12451	0.0860145	1.31904	1.31904	0.732187	0.951096	-1.05142	0.794024	0.962528	-1.03893	0.365376	0.87306	-1.1454	0.794114	0.962545	-1.03891	0.708232	1.05641	1.05641	0.435635	1.1231	1.1231	0.787289	0.265652	0.299934	1
cg24053148	IER3	0.540043	0.897171	-1.11461	0.294866	0.826599	-1.20928	0.13054	0.751552	-1.33058	0.740791	0.943586	-1.05979	0.401522	0.860545	-1.16205	0.830273	0.83021	-1.20018	0.167214	1.31798	0.946339	1.0127	0.0127	0.82488	0.959295	-1.04243	0.787243	0.438414	0.495021	1
cg15701178	UNC5C	0.637649	0.83505	1.04823	1.04823	0.87701	0.965625	-1.0556	0.847898	1.04432	1.04432	0.807788	0.9566	1.01656	0.719537	1.03485	1.03485	0.502146	1.16631	1.16631	0.696205	0.915188	-1.09267	0.366141	1.23332	1.23332	0.0452849	1.67987	1.67987	0.787197	0.63603	0.718194	1
cg01241836	TFE3	0.637651	0.17849	0.33219	-3.01032	0.983132	1.0182	1.0182	0.842005	1.16633	1.16633	0.169385	3.09139	3.09139	0.804925	1.21019	1.21019	0.263941	0.407485	-2.45408	0.581703	0.651188	-1.53566	0.902672	1.09891	1.09891	0.8050551	1.21004	1.21004	0.787194	7.41018	8.36747	1
cg08902977	PLLP	0.637657	0.185425	0.93305	0.93305	0.89353	0.811155	-1.23187	0.372534	1.41892	1.41892	0.529887	0.36977	-2.70438	0.239353	0.91569	-1.09202	0.539775	0.378093	-2.63972	0.896757	0.816314	-1.22502	0.471407	1.14341	1.14341	0.5562651	1.23488	1.23488	0.787186	30.4709	34.4077	1
cg00127408	NOTCH1	0.637664	0.445838	0.6972265	0.4952	0.622487	-1.66046	0.16453	0.206503	-1.64827	0.807233	0.188374	0.463178	0.346538	0.686961	-1.45562	0.183652	0.142672	-1.66041	0.241496	0.196894	0.317673	-1.93712	0.196894	1.05044	1.05044	0.758175	2.903558	3.27876	1
cg15567529	SCARNA2	0.637666	0.814056	0.95536	-1.04673	0.439413	0.85826	-1.16515	0.171065	0.7539	-1.32644	0.732954	1.07143	1.07143	0.680814	1.08347	1.08347	0.345251	1.20734	1.20734	0.83162	1.04213	1.04213	0.19426	1.30497	1.30497	0.769282	1.05867	1.05867	0.787172	0.468379	0.528002	1
cg07707251	EXOC4	0.637683	0.426363	1.49322	1.49322	0.0788	1.2826	1.2826	0.196107	2.24434	2.24434	0.195016	1.70826	1.70826	0.232662	1.61746	1.61746	0.481722	1.53674	1.53674	0.212205	1.38308	1.38308	0.167382	1.15079	1.15079	0.728407	0.788	-1.35432	0.4096	0.480078	-2.08299	0.787147	9.49005	10.6591	1
cg22288223	TSNARE1	0.637691	0.648551	1.19693	1.19693	0.044353	2.47119	2.47119	0.607359	1.22512	1.22512	0.478341	1.32626	1.32626	0.826864	1.06009	1.06009	0.289543	1.53825	1.53825	0.63881	1.20345	1.20345	0.439655	1.36171	1.36171	0.926159	1.03698	1.03698	0.787135	1.91304	2.16034	1
cg04585464	NFRKB;2	0.637693	0.136571	1.24963	1.24963	0.080922	0.885023	-1.12991	0.916617	1.01466	1.01466	0.744104	0.954977	-1.04715	0.207236	0.859229	-1.16327	0.210972	1.6075	1.6075	0.641867	0.831694	-1.20237	0.287053	1.48905	1.48905	0.646843	1.18074	1.18074	0.787119	1.61702	1.82609	1
cg15203597	SMEK1	0.637702	0.382689	0.7243994	1.38046	0.999113	1.0004	1.0004	0.0178	1.49582	1.49582	-1.21959	0.8354021	1.07781	1.07781	2.102363	1.60862	1.60862	1.60862	0.210972	1.6075	1.6075	0.641867	0.831694	-1.20237	0.287053	1.48905	1.48905	0.646843	1.18074	1.18074	0.787119	1.61702	1.82609	1
cg04272133	MIR543	0.637706	0.734861	0.877786	-1.11923	0.430707	1.36128	1.36128	0.176408	1.73523	1.73523	0.542844	1.26644	1.26644	0.761577	0.889856	-1.12378	0.47402	1.32211	1.32211	0.216812	1.646	1.646	0.290999	1.52227	1.52227	0.498962	0.768583	-1.3011	0.787114	1.83321	2.07025	1
cg14132016	MAN2B1;MORG1;MORG1;MORG1;MORG1	0.637706	0.38442	1.2546	1.2546	0.799404	1.06688	1.06688	0.458234	1.1218	1.1218	0.251257	1.35645	1.35645	1.135617	1.05041	1.05041	0.440914	1.48577	1.48577	0.703074	0.907189	-1.10231	0.817784	1.06045	1.06045	0.985543	1.00462	1.00462	0.787113	0.860399	0.910669	1
cg26955980	FGF9	0.637714	0.69234	0.720292	-1.38833	0.258326	2.64599	2.64599	0.360479	2.17187	2.17187	0.738372	1.31857	1.31857	0.477225	0.550891	-1.81524	0.831859	1.19173	1.19173	0.293872	0.407286	-2.45528	0.422127	0.508399	-1.96696	0.304376	0.415805	-2.40497	0.787102	8.48458	9.5818	1
cg24005528	WDR54	0.637714	0.291593	0.704581	-1.35029	0.383165	1.27928	1.27928	0.466624	1.20937	1.20937	0.529171	1.19193	1.19193	0.976568	1.00812	1.00812	0.251896	0.719277	-1.39048	0.833519	1.05968	1.05968	0.947313	1.30555	1.30555	0.3436	1.30826	1.30826	0.787101	0.945549	1.06783	1
cg18132745	MOSPD2;FANCB;FANCB	0.637715	0.156063	0.6001269	-1.66316	0.887241	0.767196	-1.30345	0.987797	0.971837	-1.02898	0.168318	15.521	15.521	0.515594	3.42236	3.42236	0.36817	0.177896	-5.62126	0.630048	0.403927	-2.47503	0.839977	1.45884	1.45884	0.86146	0.721605	-1.3858	0.7871	43.4931	49.1178	1
cg21066537	C9orf140	0.637717	0.36013	0.880091	-1.13625	0.566259	0.924305	-1.08189	0.185629	0.826509	-1.20991	0.201166	1.20114	1.20114	0.70882	1.05225	1.05225	0.545728	0.92034	-1.08656	0.530892	0.91743	-1.09	0.668826	0.943253	-1.06016	0.656424	1.06267	1.06267	0.787097	0.229762	0.259476	1
cg04643806	ZZEF1;CYB5D2;CYB5D2;CYB5D2	0.637736	0.126209	1.39877	1.39877	0.193251	0.7311	0.7311	0.00731	0.773636	1.06024	0.790804	0.949127	-1.05355	0.0178	0.748574	0.748574	0.503031	1.14771	1.14771	0.854021	0.96333	-1.0387	0.515398	1.13558	1.13558	0.820266	1.04724	1.04724	0.787069	0.512869	0.579217	1
cg04504475	MPP5;MPP5	0.637736	0.713093	0.847337	-1.18017	0.230097	1.75907	1.75907	0.455425	1.40635	1.40635	0.271043	1.67195	1.67195	0.474955	1.38526	1.38526	0.55327	1.30867	1.30867	0.70548	0.843182	-1.18598	0.118014	2.14114	2.14114	0.885487	0.937407	-1.06677	0.760768	2.50798	2.83243	1
cg12712846	IER5	0.637741	0.208229	0.807692	-1.2381	0.748443	0.940525	-1.05316	0.161107	1.27243	1.27243	0.876613	0.975299	-1.02533	0.485142	1.12096	1.12096	0.73732	1.05568	1.05568	0.371195	0.8626	-1.15929	0.733602	1.05653	1.05653	0.592177	0.916637	-1.09094	0.787062	0.322996	0.364784	1
cg01289643	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.637743	0.153751	0.647718	-1.54388	0.367787	0.768678	-1.30093	0.387335	0.77726	-1.28657	0.676208	0.887414	-1.12687	0.494718	0.821042	-1.21796	0.780951	0.923786	-1.0825	0.930851	0.975621	-1.02499	0.548788	1.18831	1.18831	0.254676	1.40212	1.40212	0.787058	1.00807	1.1385	1
cg25418200	NA1G;CACNA1G;CACNA1G;CACNA1G	0.637744	0.468858	0.648724	-1.54149	0.430351	1.60426	1.60426	0.283251	0.883558	-1.13179	0.917055	0.940663	-1.06308	0.870114	0.316672	-3.15784	0.684783	0.786901	-1.27081	0.891138	0.922737	-1.08373	0.287782	0.523053	-1.91185	0.401029	0.603658	-1.65657	0.787057	4.29814	4.85425	1
cg09238162	CKEB3L2	0.637745	0.317691	0.783453	-1.2764	0.988071	1.00354	1.00354	0.677094	0.905787	-1.10401	0.132477	1.46753	1.46753	0.299861	1.28899	1.28899	0.775801	1.06979	1.06979	0.428686	1.21035	1.21035	0.797613	0.941088	-1.0626	0.440601	1.20421	1.20421	0.787055	0.695921	0.785963	1
cg08068101	SNX6;SNX6;SNX6	0.637747	0.347782	0.7139753	-1.40101	0.229555	1.07435	1.07435	0.0934	1.02735	1.02735	0.968258	1.07748	1.07748	0.23412	1.26403	1.26403	0.391734	1.1792	1.1792	0.964044	1.09167	1.09167	-1.0085	0.990298	1.07744	1.17982	1.17982	0.999011	0.999772	1.02023	0.787025	0.439873	0.49629	1
cg03742763	APOC3	0.637751	0.176846	0.63612	-1.57203	0.819803	0.930624	-1.07455	0.223556	0.668339	-1.49625	0.283693	0.704005	-1.42044	0.326741	0.726845	-1.37581	0.197994	0.65133	-1.53532	0.755432	1.10347	0.587419	0.841607	-1.1882	0.336361	0.731705	1.30474	0.766734	1.23774	1.3979	1
cg14530764	ADCY5	0.637753	0.69467	1.0833	1.0833	0.7554	0.98079	-1.01923	0.0867	1.07303	1.07303	0.942497	0.942497	1.07303	0.940277	0.96353	-1.03768	0.96517	1.02366	1.02366	0.89818	0.97536	1.02366	0.89818	0.97536	1.02366	0.89818	0.97536

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	Ratio(1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	Ratio(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	Ratio(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	F(Error)
cg01511126	CAPL;CAP1	0.638605	0.203332	1.16691	1.166691	0.370081	1.11075	0.785095	1.01059	1.03159	0.552254	1.07102	1.07102	0.642266	1.05415	1.05415

Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	Ratio(1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	Ratio(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	Ratio(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	F(Error)
cg01511126	CAPL;CAP1	0.638605	0.203332	1.16691	1.166691	0.370081	1.11075	0.785095	1.01059	1.03159	0.552254	1.07102	1.07102	0.642266	1.05415	1.05415
cg10763471	NA1G;CACNA1G;CACNA1G;CACNA1G	0.638614	0.719623	0.688446	-1.45255	0.153221	0.87441	0.87441	0.951031	0.938375	-1.06567	0.497803	0.490256	-2.03975	0.801507	0.770368	-1.29808
cg16111980	NXNL1	0.643584	0.753592	-1.32698	-1.32698	0.480709	0.709401	-1.40924	0.504689	1.38041	1.38041	0.834981	0.903624	-1.10665	0.886809	0.398861	-2.50752
cg18713646	HLA-;NCRNA00171	0.638626	0.546886	0.659381	-1.51657	0.511658	1.57567	1.57567	0.223818	2.39407	2.39407	0.566173	0.672908	-1.48609	0.553323	0.663895	-1.50626
cg02835003	U2AF1L4;TMEM149;U2AF14	0.638628	0.769489	0.901375	-1.10942	0.719626	0.880408	-1.13584	0.946966	0.976768	-1.02378	0.805247	0.916409	-1.09122	0.2558	0.657587	-1.52071
cg10700564	ASCL1	0.638647	0.370942	0.774473	-1.29145	0.555545	1.16389	1.16389	0.50193	1.38613	1.38613	0.501421	1.18968	1.18968	0.918558	1.03892	1.03892	0.962715
cg01300728	SCRN2;SCRN2	0.63866	0.362212	1.42721	1.42721	0.351225	0.694602	-1.43967	0.85632	0.933475	-1.07127	0.412839	1.37439	1.37439	0.810806	1.09537	1.09537
cg11549166	CAMK2G	0.638664	0.453023	1.15489	1.154889	0.751994	0.865344	-1.15589	0.751934	0.74667	-1.33946	0.668845	0.972699	-1.02814	0.964264	0.97289	-1.02748
cg04216589	MGC13005;MGC13005	0.638671	0.189668	1.43796	1.437639	0.379939	1.01977	1.09177	0.955837	0.985625	-1.01458	0.208278	1.41462	1.41462	0.151692	1.4942	1.4942
cg18936204	JAKMIP3	0.638681	0.940784	1.04474	1.044741	0.040213	3.48777	3.48777	0.195029	2.24236	2.24236	0.637569	1.32278	1.32278	0.717332	0.807191	-1.23886
cg06837675	TPCN2	0.638689	0.713253	0.854912	-1.16971	0.644269	1.21831	1.21831	0.906184	1.05135	1.05135	0.281572	0.621713	1.60846	0.05247	0.392	-2.55102
cg13074813	TMCC2	0.638689	0.142984	0.364197	-2.74576	0.410536	-1.70668	0.755793	0.818592	-1.22161	0.820334	0.872633	-1.14596	0.151568	0.373129	-2.68004
cg27486019	DLGAP2	0.638696	0.419958	0.779963	-1.28254	0.842655	1.06182	1.06182	0.682992	0.877834	-1.13917	0.420826	1.28231	1.28231	0.797748	0.92529	-1.08074
cg05599320	CLSTN1;CLSTN1	0.638696	0.367792	1.31902	1.31902	0.647884	1.14755	1.14755	0.590382	0.849891	-1.17662	0.268462	1.41197	1.41197	0.100702	1.71281	1.71281
cg10032640	TGFBR3	0.638697	0.894086	0.938789	-1.06552	0.908418	0.942564	-1.06116	0.685546	0.82441	-1.21299	0.768414	0.869344	-1.15039	0.569395	0.761346	-1.31346
cg15700636	PIK2	0.638698	0.94092	1.03251	1.032513	0.887174	0.975098	-1.02554	0.196517	0.784605	-1.27453	0.529448	1.32092	1.32092	0.114312	1.32092	1.32092
cg11176058	ADCY5	0.638699	0.162652	0.436482	-2.29104	0.606251	1.33533	1.33533	0.766139	1.18045	1.18045	0.634046	0.765876	-1.30569	0.170841	0.444367	-2.25039
cg05149425	SLC15A4	0.638707	0.99172	1.00865	1.008651	0.984739	1.20476	1.20476	0.923358	1.09318	1.09318	0.993455	1.00762	1.00762	0.534972	0.927206	-1.07834
cg21820132	CBX4	0.638716	0.25327	0.664047	-1.5051	0.508475	1.25842	1.25842	0.183589	1.62166	1.62166	0.72953	0.887865	-1.1263	0.60527	0.836393	-1.19561
cg14003491	MICAL3;MICAL3	0.638743	0.880609	0.955666	-1.04662	0.431783	1.16264	1.16264	0.222804	0.78579	-1.2726	0.765125	1.05789	1.05789	0.818734	1.04686	1.04686
cg08294750	DAPK3	0.638746	0.216428	0.553897	3.55897	0.243881	0.296246	-3.37557	0.552262	1.78831	1.78831	0.431165	0.456512	-2.19052	0.248914	3.24203	3.24203
cg03467567	TULP4;TULP4	0.63875	0.263331	2.21766	2.21766	0.894755	1.04961	1.04961	0.856414	0.883637	-1.13169	0.481801	0.613653	-1.62958	0.971059	1.02509	1.02509
cg15422708	DOT1L	0.638753	0.624864	1.27763	1.27763	0.309831	1.68622	1.68622	0.50095	1.39462	1.39462	0.099742	1.00327	1.00327	0.852538	0.911662	-1.0969
cg07185584	NAA20;NAA20;NAA20	0.638752	0.948402	0.986742	-1.01344	0.293936	1.25171	1.25171	0.983463	1.00428	1.00428	0.508103	0.868555	-1.15134	0.871045	0.96705	-1.03407
cg27485845	GOLGA7;GOLGA7	0.638771	0.533237	1.15928	1.159283	0.592913	1.53567	1.53567	0.150357	1.63763	1.63763	0.159042	1.18606	1.18606	0.792852	1.2131	1.2131
cg16243558	FAM19A5	0.638774	0.846558	1.10116	1.101156	0.167763	2.12123	2.12123	0.089588	2.74445	2.74445	0.997913	0.99859	-1.00141	0.984365	1.11795	1.11795
cg03622664	XPO4	0.638778	0.309422	0.64471	-1.55108	0.279417	1.59882	1.59882	0.655902	1.20581	1.20581	0.387998	0.691271	-1.44661	0.454645	0.727736	-1.37413
cg02259159	TUSC5	0.638783	0.265503	1.48883	1.488833	0.904045	0.976586	-1.02459	0.844873	0.842437	-1.18705	0.522753	0.764133	-1.30832	0.534972	0.567206	-1.76334
cg06529477	TEX14;TEX14	0.638791	0.880721	0.904835	-1.10517	0.159525	1.72133	1.72133	0.903117	1.07884	1.07884	0.374208	1.8358	1.8358	0.954648	1.46579	1.46579
cg00776464	NOS1AP;NOS1AP	0.638803	0.845502	1.08355	1.083551	0.752233	1.2463	1.2463	0.518095	1.24191	1.24191	0.277488	0.960142	1.04162	0.888968	1.19462	1.19462
cg06712335	TBL3	0.638803	0.734965	0.895825	-1.11629	0.149874	1.64843	1.64843	0.335401	1.3936	1.3936	0.370599	0.742544	-1.34672	0.866183	0.94686	-1.05612
cg09418321	DYRK4	0.638804	0.272056	0.504122	-1.98365	0.865976	1.10649	1.10649	0.304932	0.52916	-1.88979	0.788962	1.17435	1.17435	0.262674	0.496764	-2.01303
cg22522688	SSH1;SSH1;SSH1;SSH1	0.638854	0.723387	1.07884	1.078837	0.522313	1.46598	1.46598	0.51805	1.37236	1.37236	0.815504	0.860088	1.16232	0.588238	1.21551	1.21551
cg21144374	ACBD3	0.638861	0.718508	1.06258	1.062584	0.399696	0.865387	-1.15555	0.240269	0.813679	-1.22899	0.551777	1.10624	1.10624	0.689068	0.934775	-1.06978
cg06135017	GPR111;SEU	0.638886	0.887588	1.03795	1.037954	0.842699	1.01805	1.01805	0.947703	0.932512	-1.92119	0.529641	1.78412	1.78412	0.153327	1.28334	1.28334
cg27430493	HES4;HES4 ABCG1;ABCG1;ABCG1;ABCG1;ABCG1;A	0.638869	0.251251	0.787212	-1.27031	0.416847	0.847371	-1.18012	0.634204	1.1004	1.1004	0.55025	0.886353	-1.12822	0.874746	1.03199	1.03199
cg02473680	BCS1	0.638898	0.543937	1.17216	1.17216	0.634768	0.883601	-1.13173	0.251606	0.733642	-1.36306	0.705723	1.10307	1.10307	0.809935	0.939592	-1.06429
cg05940236	DDX3Y;DDX3Y	0.63891	0.236552	0.45819	4.95819	?	?	?	?	?	0.222018	5.27341	5.27341	?	?	?	?
cg03133286	FAM155A	0.638921	0.845529	0.909027	-1.10005	0.090411	2.71634	-1.4022	0.576764	0.898122	-1.11343	0.836259	1.00155	1.00155	0.983363	1.00379	1.00379
cg25666422	PTGER4	0.638914	0.627056	1.30849	1.30849	0.288607	1.83113	1.83113	0.422125	1.56875	1.56875	0.0822519	2.87812	2.87812	0.642992	1.29217	1.29217
cg24635581	SYNGAP1	0.638921	0.98342	1.01121	1.011211	0.100088	2.62816	2.62816	0.223044	1.98701	1.98701	0.978369	1.01465	1.01465	0.657519	1.27034	1.27034
cg05501672	ANKRD55	0.638929	0.214195	1.16416	1.164156	0.172966	1.22723	1.22723	0.139938	1.31227	1.31227	0.180707	1.20474	1.20474	0.438943	1.1339	1.1339
cg25179511	ITIH5;ITIH5;ITIH5	0.638933	0.333583	0.747198	-1.33833	0.736075	1.1039	1.1039	0.6382	1.14843	1.14843	0.768841	0.917491	-1.08993	0.963399	1.0135	1.0135
cg12486710	C1orf220;C1orf220	0.638947	0.350528	0.711263	-1.40509	0.990464	0.978146	-1.02224	0.644483	0.848183	-1.17899	0.527397	0.706971	-1.41474	0.103879	0.568303	-1.75916
cg13240332	ARPC2;ARPC2	0.638952	0.460548	0.871967	-1.14683	0.994072	0.998646	-1.00136	0.722906	1.06708	1.06708	0.358524	1.8358	1.8358	0.954648	1.46579	1.46579
cg12845990	SYNGAP1	0.638954	0.845043	0.949021	-1.05272	0.579308	1.31387	1.31387	0.277728	1.35234	1.35234	0.262773	1.36644	1.36644	0.602686	1.25735	1.25735
cg18484267	RTN1A1	0.638956	0.673875	-1.31302	1.373502	0.746306	0.94632	-1.05672	0.532529	1.10266	1.10266	0.916404	0.986671	-1.01351	0.414466	0.880125	1.13658
cg02308079	NRN1L	0.638959	0.327589	1.43172	1.431772	0.372621	1.3841	1.3841	0.223426	1.575	1.575	0.214579	1.59038	1.59038	0.560445	1.23251	1.23251
cg20390242	GPD2;GPD2	0.638976	0.28276	0.614283	-1.62753	0.241224	1.32144	1.32144	0.171173	1.35	1.35	0.191821	1.59224	1.59224	0.170041	1.29145	1.29145
cg06475972	ZNHIT3	0.63899	0.642612	0.896595	-1.11533	0.777218	1.0685	1.0685	0.303337	0.779568	-1.28276	0.90063	1.02961	1.02961	0.203389	1.36832	1.36832
cg01141944	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.639002	0.191022	1.9892	1.9892	0.912364	1.05621	1.05621	0.955923	0.975379	-1.02714	0.623776	1.27014	1.27014	0.312412	1.68046	1.68046
cg06038777	PNMA2	0.639006	0.97394	1.03142	1.00601	0.939358	1.47403	1.47403	0.195956	0.889478	0.81063	0.513899	0.869828	1.14965	0.832975	0.956485	1.04549
cg13479215	TMTC2	0.639009	0.292306	0.456708	-2.18958	0.638967	0.712523	-1.40346	0.630435	1.41584	1.41584	0.973719	0.976647	-1.02391	0.110012	0.286642	-3.48867
cg09531176	PPP1R13B	0.639009	0.61601	1.16581	1.165811	0.490464	0.771816	-1.29606	0.439272	1.30627	1.30627	0.31409	0.79207	1.26237	0.525384	1.00884	1.00884
cg16148871	GATAD2B	0.639017	0.738791	0.830355	-1.2043	0.328528	1.75529	1.75529	0.356139	1.69762	1.69762	0.689827	0.676213	1.47882	0.988096	1.00832	1.00832
cg09325921	GLRX5;SNHG10;SNHG10	0.639044	0.928099	1.02403	1.06205	0.492633	1.15655	1.15655	0.379289	1.27589	1.27589	0.216779	1.27536	1.27536	0.100172	1.32476	1.32476
cg02722633	ARHGAP26;ARHGAP26	0.639075	0.481793	0.698805	-1.43102	0.376997	1.57524	1.57524	0.95393	0.971456	-1.02938	0.363379	0.626102	-1.59718	0.444028	0.676279	1.47868
cg24778130	CAMTA1	0.639077	0.281118	0.800522	-1.24918	0.607208	1.10847	1.10847	0.465037	1.15914	1.15914	0.75228	0.96491	1.03626	0.904854	1.10515	1.10515
cg14052962	FAM73B	0.639102	0.593127	1.15997	1.159967	0.504112	1.16389	1.16389	0.60799	1.08721	1.08721	0.660663	1.08797	1.08797	0.404111	0.852573	-1.17292
cg13828839	FYD5;FYD6;FYD5;FYD6;FYD5;FYD6	0.639095	0.890606	0.933379	-1.07138	0.343852	1.6299	1.6299	0.31745	1.67822	1.67822	0.292506	1.7283	1.7283	0.885473	1.07488	1.07488
cg00412251	CXADR	0.639095	0.501208	1.19927	1.199271	0.668212	0.910526	1.09812	0.731455	0.735456	-1.3597	0.188466	1.4478	1.4478	0.789263	0.931202	1.07378
cg27063540	C16orf89;C16orf89	0.639102	0.668926	0.769445	-1.29964	0.45458	1.59054	1.59054	0.929664	0.947634	-1.05526	0.905993	0.930552	-1.07463	0.105614	0.340597	2.93602
cg00767642	NMNAT2;NMNAT2	0.639137	0.460383	4.50305	4.50305	?	?	?	?	?	?	?	?	?	?	?	?
cg12606891	UTS2;UTS2	0.639149	0.693183	0.901057	-1.10997	0.948244	0.983122	-1.01717	0.211745	0.708264	-1.4119	0.81513	1.06334	1.06334	0.951503	1.00184	1.00184
cg06712792	PMM2	0.639169	0.326601	1.95244	1.95244	0.060899	0.43755	-2.03755	0.887019	0.09847	1.09847	0.350125	1.88771	1.88771	0.958673	0.966346	1.03483
cg20536193	TNFAIP3	0.639175	0.258	0.466566	-2.14353	0.504112	1.16389	1.16389	0.60799	1.08721	1.08721	0.660663	1.08797	1.08797	0.404111	0.852573	-1.17292
cg02622205	LRRC40;LRRC40;SFRS11	0.63918	0.162566	0.564642	-1.77103	0.454799	1.33894	1.33894	0.409247	1.38205	1.38205	0.755061	1.12747	1.12747	0.517415	1.2861	1.2861
cg18711246	DACH1;DACH1;DACH1	0.639204	0.094861	0.662494	-1.50945	0.636784	1.11259	1.11259	0.807059	0.946594	-1.05642	0.362225	1.23376	1.23376	0.951365	0.986411	-1.01378
cg15000794	C7orf13	0.639209	0.592172	1.16993	1.169927	0.544514	1.16389	1.16389	0.60799	1.08721	1.08721	0.660663	1.08797	1.08797	0.404111	0.852573	-1.17292
cg10541994	TMEM30A;TMEM30A	0.639215	0.373443	0.848815	-1.17904	0.624804	1.09291	1.09291	0.480568	1.13798	1.13798	0.158848	1.31208	1.31208	0.873583	1.02912	1.02912
cg00942251	CXADR	0.639235	0.683823	0.884366	-1.13078	0.738166	0.894466	-1.11788	0.314054	0.707662	-1.41309	0.473884	0.705762	-1.41709	0.904582	0.992326	-1.00768
cg17798979	FLT3LG	0.639243	0.139423	0.358116	-2.79239	0.663586	0.753848	-1.32653	0.388305	0.565042	-1.76978	0.213644	0.429364	-2.32903	0.268516	0.475177	2.10448
cg08486961	DNAJB12;DNAJB12	0.639231	0.48015	1.18807	1.18807	0.836145	0.951492	-1.05098	0.449422	1.20329	1.20329	0.232289	0.740256	-1.35088	0.875147	0.962951	-1.03847
cg08543224	SAP130;SAP130	0.639236	0.436016	0.779336	-1.28303	0.329861	1.61941	1.61941	0.314445	1.48327	1.48327	0.197387	1.2355	1.2355	0.915308	1.03281	1.03281
cg16234704	RFX2;RFX2	0.639234	0.166874	0.430251	-2.32422	0.3009	1.82481	-1.84677	0.62246	1.32845	1.32845	0.825457	0.881263	-1.13473	0.299838	0.540749	-1.84929
cg22662649	UGDT;UGDT	0.639241	0.794829	0.90405	-1.10622	0.784367	1.03032	-1.62442	0.964745	0.974434	-1.02626	0.607703	0.99978	-1.00022	0.112644	0.36008	2.77625
cg10887392	CTDSP1;CTDSP1	0.639247	0.997832	1.00088	1.00088	0.850074	0.940466	-1.0633	0.873151	0.949493	-1.05319	0.44423	1.28788	1.28788	0.316769	1.39892	1.39892
cg04407228	NADK	0.639255	0.932481	1.02615	1.026151	0.738166	0.894466	-1.11788	0.314054	0.707662	-1.41309	0.473884	0.705762	-1.41709	0.904582	0.992326	-1.00768
cg04141788	C7orf44 FTSJ2;NUDT1;NUDT1;NUDT1;NUDT1;N	0.63927	0.568505	0.945353	-1.09341	0.92535	0.985582	-1.01463	0.853553	0.92905	1.09205	0.795036	0.960459	1.04117	0.311368	1.17623	1.17623
cg20631595	UDT1;NUDT1;NUDT1	0.639281	0.44458	0.828503	-1.207	0.821173	0.946814	-1.05617	0.969439	0.990794	-1.00929	0.210726	1.37486	1.37486	0.0900491	1.5699	1.5699
cg18144065	CAPZA1;ST7L;ST7L;ST7L;ST7L	0.639283	0.52645	1.44263	1.44263	0.57886	1.31773	1.37731	0.583563	1.20176	1.20176	0.226747	0.4845	-2.06398	0.422437	1.59568	0.8517
cg16622576	TMEM175;GAK	0.639297	0.093897	0.665574	-1.50246	0.894671	1.0565	1.0565	0.9163	1.16353	1.16353	0.463405	1.17934	1.17934	0.744403	1.08461	1.08461
cg15604097	RFZBP1	0.639301	?	?	?	0.84483	1.31372	1.31372	0.103375	0.080871	-12.3654	0.516705	0.50241	-1.99041	0.367119	0.51212	1.51212
cg01191806	MBL1P	0.639311	0.555184	1.45377	1.453771	0.157648	0.387799	-2.57866	0.208479	0.29638	2.96238	0.678728	1.29841	1.29841	0.871147	0.903234	-1.10713
cg23687000	SIM2;SIM2	0.639314	0.963168	1.04661	1.046613	0.342637	1.80169	1.80169	0.24737	1.63499	1.63499	0.134848	1.81442	1.81442	0.126587	1.33188	1.33188
cg16802674	MPPE1	0.639322	0.20767	0.708085	-1.41226	0.751581	1.08601	1.08601	0.972889	1.00887	1.00887	0.152678	0.650144	-1.53812	0.478919	0.829426	-1.20565
cg25077349	SMYSA;SRPS4	0.639349	0.367098	1.615933	1.615933	0.927468	1.01617	1.01617	0.113746	0.941965	-1.34777	0.450776	1.11154	1.11154	0.491403	1.1956	1.1956
cg03997349	TBC1D25	0.639348	0.529903	1.88679	1.886791	0.527318	1.65165	1.65165	0.142508	2.40409	2.40409	0.639134	1.66462	1.66462	0.204409	1.42069	1.42069
cg20696432	SLC5A10;FAM83G;SLC5A10	0.63935	0.37915	0.629484	-1.5886	0.48888	1.43431	1.43431	0.235921	1.89114	1.89114	0.662697	1.25252	1.25252	0.138728	0.441489	-2.26506
cg00637144	DHRS12;DHRS12	0.639353	0.760719	1.05069	1.050687	0.894739	1.16556	1.16556	0.655363	1.09985	1.09985	0.577352	1.15444	1.15444	0.577352	1.0852	1.0852
cg19592071	BEGAIN;BEGAIN;BEGAIN	0.63936	0.751929	1.1884	1.1884	0.239183	0.95606	0.95606	0.360765	1.6676	1.6676	0.56812	0.730492	-1.36894	0.934959	0.962215	1.03927
cg03115767	ABCB9;ABCB9;ABCB9	0.639376	0.303607	1.73763	1.737633	0.209445	1.66693	1.66693	0.129789	0.949418	0.949418	0.649847	0.722311	1.38472	0.227077	0.787112	1.27047
cg13564456	PPP1R8;PPP1R8;PPP1R8;PPP1R8	0.639362	0.34693	0.879048	-1.13759	0.645346	1.06402	1.06402	0.141874	1.23548	1.23548	0.370014	0.884029	-1.13119	0.785429	0.964119	1.03722
cg00666157	FEM1A	0.639371	0.580543	0.896487	-1.11547	0.705433	1.07718	1.07718	0.09982023	1.42344	1.42344	0.625238	1.10117	1.10117	0.725183	0.933235	-1.07154
cg18202745	AQP6	0.639373	0.34694	0.829566	-1.20568	0.514258	1.59115	1.59115	0.263603	1.84032	1.84032	0.0955	1.24601	1.24601	0.112065	1.36058	1.36058
cg25230532	GALT	0.639377	0.567344	0.762467	-1.31153	0.512129	0.95742	0.95742	0.500535	1.37816	1.37816	0.914137	0.950665	-1.0519	0.954629	1.02705	1.02705
cg16459021	ZNF598	0.639379	0.669506	1.29107	1.291067	0.849739	1.01615	1.01615	0.963204	0.9985	1.0985	0.127752	1.27109	1.27109	0.284391	1.27492	1.27492
cg10928925	ZCCHC24	0.639385	0.798282	1.94318	-1.05998	0.143475	0.828426	-1.20942	0.467677	0.848295	-1.18302	0.772977	1.068	1.068	0.991917	1.52198	1.52198
cg05160136	ANKRD11	0.639392	0.992914	1.00364	1.003642	0.339982	1.49512	1.49512	0.07015518	2.28873	2.28873	0.559647	1.27286	1.27286	0.535127	0.773464	-1.29288
cg12452296	KALRN;KALRN	0.639405	0.76109	1.1503	1.150303	0.597144	0.93615	0.93615	0.763604	1.16353	1.16353	0.463405	1.17934	1.17934	0.744403	1.08461	1.08461
cg18448856	KIAA0586	0.639406	0.408913	0.507546	-1.97278	0.588314	0.871783	-1.62312	0.25955	0.387001	-2.58398	0.631995	0.677422	-1.47619	0.167342	0.546231	-1.83079
cg04748051	ATP5I;ATP5I	0.639441	0.940829	0.98849	-1.01162	0.715256	1.24122	1.24122	0.478321	1.11899	1.11899	0.460888	0.889312	-1.12421	0.411503	0.748452	1.33593
cg04873517	NUCKS1;NUCKS1	0.639412	0.396671	0.668587	-1.49569	0.957302	1.02515	1.02515	0.115028	2.21416	2.21416	0.548617	0.754625	-1.32516	0.432639	0.687441	1.44982
cg20974621	CCDC13	0.639413	0.505388	0.80752	-1.24106	0.221937	1.50716	1.50716	0.75998	1.10288	1.10288	0.402881	1.31592	1.31592	0.803933	1.08363	1.08363
cg11747516	C1orf93	0.639421	?	?	?	0.880393	1.66624	1.66624	0.260893	1.77556	1.77556	?	?	?	?	1.59042	1.59042
cg27307183	CDYL;CDYL;CDYL;CDYL	0.639427	0.872504	0.93438	-1.07023	0.705217	0.851623	-1.17423	0.456584	0.72584	-1.37771	0.482661	0.739681	-1.35193	0.530779	1.30779	1.30779
cg16406538	LPIN1	0.639431	0.671772	0.845941	-1.18294	0.592733	1.10093	1.10093	0.837055	1.07765	1.07765	0.722822	0.876108	-1.14139	0.582464	0.754902	-1.32516
cg07538248	RWDD3;RWDD3	0.639463	0.553181	0.910598	-1.09818	0.360814	0.863585	-1.15796	0.60064	0.920846	-1.08596	0.901554	0.980583	-1.01951	0.770503	1.04673	0.04673
cg12297221	ART5;ART5;ART5	0.639463	0.605914	0.898313	-1.1132	0.738163	0.933205	-1.07158	0.342191	0.817374	-1.22343	0.795894	1.05487	1.05487	0.164492	1.35746	1.35746
cg16963093	ATN1	0.639473	0.68772	1.14271	1.142711	0.748251	0.824521	-1.21254	0.364524	0.707428	-1.41356	0.14369	0.677958	-1.47479	0.0665134	0.51708	1.93354
cg17637107	ATP6V1B2	0.639502	0.707692	1.20319	1.20319	0.681702	1.22448	1.22448	0.591253	0.766266	-1.30502	0.490311	1.41071	1.41071	0.197417	0.503965	-1.98426
cg14007588	DBH	0.639503	0.871808	0.947183	-1.05597	0.736718	0.947368	-1.05508	0.43907	0.993753	-1.00626	0.974102	0.993753	0.941912	0.218253	0.760355	1.31506
cg09224406	PLEKHM1P	0.639515	0.709521	1.1119	1.1119	0.579702	1.17185	1.17185	0.66725	0.884606	-1.13045	0.258652	1.39669	1.39669	0.844142	0.945729	-1.05739
cg16639145	WDR27	0.639515	0.916982	1.03676	1.03676	0.29179	1.45602	1.45602	0.38659	0.687353

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26666107	PCSK9	0.639731	0.0901287	4.98507	0.169567	1.53191	0.940436	0.937748	1.06638	0.456527	0.897721	1.91977	0.907631	0.904992	1.05998	0.8056	1.808906	-1.23486	0.424825	2.01575	2.01575	0.903215	0.908358	-1.1103	0.55994	1.66138	0.784111	9.18659	10.41442	1
cg05970992	KIAA0232;KIAA0232	0.639745	0.6005	0.920362	-1.08653	0.719944	1.25655	1.25655	0.755486	1.05029	0.943006	0.91029	1.05129	1.0257	1.02757	1.02418	1.20418	0.702042	0.941416	-1.06223	0.599718	1.08673	1.083675	0.245539	0.826333	-1.210712	0.531201	1.10475	1.10475	0.78409	0.306313	0.347254	1
cg04657268	MUC3	0.639758	0.767559	1.23945	1.23945	0.77642	0.813664	-1.22901	0.988661	1.03035	1.03035	0.948966	0.9547	-1.04745	0.989049	1.00999	1.00999	0.726353	1.28979	1.28979	0.378738	1.92329	1.92329	0.501212	1.639954	1.63954	0.0626281	0.219282	-4.56035	0.784071	6.51355	7.38431	1
cg14065849	LOC149834	0.639773	0.346362	0.361669	-2.76496	0.445924	0.442405	-2.26037	0.458003	2.2081	2.2081	0.52921	1.95838	1.95138	1.12346	1.173784	-5.75426	0.458383	2.20758	2.207581	0.713724	1.46754	1.46754	0.892569	0.867966	-1.15225	0.970129	0.962628	-1.03882	0.784051	13.6584	15.4867	1
cg03020684	THSD4	0.639773	0.40982	3.59533	3.59533	0.202037	0.129597	-7.71625	0.43365	3.36325	0.372359	0.41638	0.196552	0.125814	-7.94825	0.991038	1.0172	1.0172	0.87197	0.782825	-1.27742	0.75694	0.624184	-1.602309	0.934298	0.882346	-1.13334	0.784048	28.6188	32.4456	1
cg10474350	HOXA7	0.639779	0.0652234	9.19705	9.19705	0.767637	0.726498	-1.10447	0.819042	0.78105	-1.28033	0.442363	0.429827	-2.32728	0.418168	0.426221	-1.24632	0.617258	0.580912	-1.72373	0.976586	1.03215	1.03215	0.946548	1.07498	1.07498	0.758701	1.39413	1.39413	0.78404	0.14406	0.16715	1
cg01624305	UBR4 SORBS1;SORBS1;SORBS1;SORBS1;SORB	0.639801	0.502255	1.29227	1.29227	0.29726	0.664835	-1.50413	0.779996	0.900108	-1.11098	0.285621	1.52053	1.52053	0.146898	1.80632	1.80632	0.941069	1.02817	1.02817	0.604824	0.8217	-1.21699	0.587264	1.229	1.229	0.639142	1.19437	1.19437	0.786525	1.72112	1.70198	1
cg04248373	S1;SORBS1;SORBS1	0.639804	0.434022	0.527575	-1.7465	0.32511	0.491758	-2.03352	0.575709	0.673702	-1.48434	0.833235	1.15868	1.15868	0.594917	0.687378	1.45448	0.928413	1.06478	1.06478	0.171236	0.36155	-2.76587	0.242456	2.35018	2.35018	0.581487	1.47533	1.47533	0.784003	6.05851	6.86904	1
cg00502254	TNFRSF8;TNFRSF8	0.639381	0.545105	0.703971	-1.42051	0.693416	1.25495	1.25495	0.640449	0.763671	-1.30947	0.63717	0.761621	-1.31299	0.0499117	0.277571	-3.60268	0.868225	0.909215	-1.09985	0.365099	0.586515	-1.7047	0.758971	1.19291	1.19291	0.943311	0.960059	-1.0416	0.783994	4.07905	4.62481	1
cg20547418	PYY	0.639826	0.989709	1.00435	1.00435	0.995661	0.871951	-1.14685	0.940436	1.04467	-1.04467	0.958148	0.893707	-1.11945	0.384379	0.814972	-1.22706	0.448652	0.837658	-1.1938	0.45454	1.19097	1.19097	0.853124	1.42046	1.42046	0.13706	1.26781	1.26781	0.783997	0.653532	0.740994	1
cg00700047	CENPI	0.639827	0.453289	-1.17194	0.390325	1.20038	1.20038	1.802	1.34351	1.34351	0.617203	0.826476	-1.20996	0.733636	1.07344	1.07344	0.531294	0.876713	-1.14062	0.502355	0.868260	-1.15172	0.896019	1.0275	1.0275	0.394406	1.19841	1.19841	0.783969	0.534529	0.606066	1
cg25530878	FNIP1;FNIP1	0.639848	0.464026	1.27623	1.12162	0.874157	1.04071	1.01471	0.873108	0.975682	1.02492	0.824822	1.03473	1.03473	0.976056	0.995385	-1.00463	0.987983	1.00232	1.00232	0.985216	1.00286	0.954984	1.047641	0.915264	-1.39808	0.453125	1.1249	1.1249	0.783937	0.294436	0.333854	1
cg25670063	PACRG;PACRG;PACRG	0.639858	0.596256	1.60332	1.60332	0.606888	0.632403	-1.58127	0.745909	0.97477	-1.02588	0.639684	1.51633	1.51633	0.441716	1.99893	1.99893	0.626489	1.54192	1.54192	0.113733	1.45935	1.45935	0.114876	3.92476	3.92476	0.341827	1.37445	1.37445	0.783923	0.678491	0.797444	1
cg01668452	ATF3;ATF3;ATF3	0.639868	0.309915	2.52889	2.52889	0.98227	0.987356	-1.01281	0.637749	1.50759	0.834353	0.834221	-1.98274	0.703748	0.752789	-1.32839	0.817027	0.818236	-1.22214	0.873852	0.87151	-1.14743	0.734308	0.63139	1.58329	0.634159	0.307454	2.49538	2.49538	0.783909	9.30166	10.5473	1
cg22196901	FLAD1;FLAD1	0.639883	0.831245	0.926046	-1.07937	0.936858	1.01445	0.9997362	0.536793	1.281263	0.244838	0.657342	-1.52128	0.342498	0.556706	1.422621	-1.24632	0.637258	0.580912	-1.72373	0.976586	1.03215	1.03215	0.946548	1.07498	1.07498	0.758701	1.39413	1.39413	0.78404	0.14406	0.16715	1
cg03034689	ENOSF1;ENOSF1;ENOSF1	0.639894	0.353793	1.45404	1.45404	0.218496	0.601777	-1.66174	0.13776	0.534119	-1.87224	0.484283	0.756614	-1.32168	0.921144	1.03962	1.03962	0.903325	1.04883	1.04883	0.989638	1.00511	1.00511	0.830405	0.919282	-1.08781	0.337835	0.678612	-1.4736	0.78387	1.91147	2.16756	1
cg17508080	TG	0.639903	0.685427	0.735153	-1.36026	0.41894	1.86633	1.86633	0.193474	2.17556	2.17556	0.788396	0.816078	-1.22537	0.0802275	0.231328	-4.32287	0.900524	1.09909	1.09909	0.759894	1.23684	1.23684	0.89862	1.10109	1.10109	0.709004	0.753344	-1.32742	0.783856	7.0865	8.03605	1
cg19710096	SGK3;SGK3;SGK3	0.639908	0.584118	0.981982	1.01263	0.7923	0.957968	-1.04388	0.198459	0.801612	-1.24749	0.986978	1.02066	1.02066	0.165223	0.78098	-1.28064	0.727238	0.944614	-1.05863	0.319338	1.18229	1.18229	0.482029	0.880454	-1.12632	0.103637	0.843078	-1.18613	0.783849	0.328681	0.372726	1
cg06812522	B4GALNT3	0.639916	0.892444	1.09549	1.09549	0.510248	1.56876	1.56876	0.490219	1.60399	1.60399	0.437802	0.586497	-1.70504	0.782939	0.830125	-1.20464	0.905735	1.57655	1.57655	0.0635795	4.08032	4.08032	0.710654	1.28559	1.28559	0.584452	1.45111	1.45111	0.783837	5.64241	6.39862	1
cg21646475	THAP4;THAP4	0.639926	0.23916	0.442757	-2.25858	0.243105	0.576697	-1.75401	0.247965	0.450103	-2.22173	0.550733	0.609997	-1.64055	0.475838	0.619274	-1.6148	0.310445	0.499747	-2.00101	0.179606	0.388823	2.56527	0.447297	1.86848	1.86848	0.6656	0.743273	1.3454	0.783822	5.42287	6.14977	1
cg06439882	DLGAP1;DLGAP1	0.63994	0.751749	1.22613	1.22613	0.570234	1.44565	1.44565	0.38402	1.77427	1.77427	0.778935	1.19815	1.19815	0.732792	1.24242	1.24242	0.265528	2.10718	2.10718	0.122972	2.92555	2.92555	0.138205	2.78811	2.78811	0.250699	2.16195	2.1695	0.783758	0.310002	0.352457	1
cg01445438	DBR1	0.639943	0.760941	1.07269	1.07269	0.903098	0.972453	1.02833	0.852996	1.04932	0.820825	0.949304	-1.05334	0.949304	1.05334	1.33075	1.33075	0.153559	1.04969	1.04969	0.271432	0.7696069	-1.30027	0.486798	0.850402	-1.17591	0.729477	1.08287	1.08287	0.783799	0.425937	0.740481	1
cg27280296	TDP1;C14orf143;TDP1	0.63995	0.27496	2.56604	2.56604	0.782731	0.79609	-1.25614	0.665652	1.43169	1.43169	?	?	?	0.74994	1.3019	1.3019	0.193455	1.14147	1.14147	?	?	?	?	?	?	?	0.701786	4.11069	8.20047	1
cg24120822	ANP32A;ANP32A	0.639956	?	?	0.953253	1.03349	1.03349	0.43856	1.56086	1.56086	0.642659	0.768901	-1.30356	0.834389	1.12485	1.12485	0.9196	0.958317	1.0435	1.0435	0.396641	0.612978	-1.61938	0.319452	1.78772	1.78772	0.130822	2.52837	2.52837	0.772391	3.35991	3.80627	1
cg26607975	C15orf26	0.639963	0.682078	0.950079	-1.05256	0.823014	1.05861	1.05861	0.732693	1.1809	1.1809	0.516589	1.03269	1.03269	0.0586	1.41623	1.41623	0.998369	0.996746	0.996746	0.472728	0.505956	-1.97676	0.507254	1.00257	1.00257	0.0625	0.998369	-1.00258	0.336867	1.11031	1.11031	0.783767	0.891808	0.247636	1
cg15691129	FAM155B	0.639975	0.117944	0.280182	-3.5691	0.143338	0.307714	-3.24977	0.422708	0.541335	-1.84729	0.555569	1.5633	1.5633	0.899147	0.909351	1.09969	0.556932	0.640681	1.56084	0.986815	1.01246	1.01246	0.589089	0.66452	-1.50485	0.82322	1.18257	1.18257	0.783749	6.9715	7.90673	1
cg07437923	C13orf33;DNAJA3 ZMYM5;ZMYM5;ZMYM5;ZMYM5;ZMY	0.639983	0.224138	10.3161	10.3161	0.155079	0.0619947	-16.1304	0.482135	3.68953	0.838985	0.690947	-1.44729	0.636987	0.419493	-2.38383	0.509749	0.294622	3.39418	0.172537	0.352507	-2.83682	0.58378	2.74867	0.64648	0.384809	-2.59869	0.783737	41.4545	47.0163	1
cg18710692	MS;ZMYM5	0.639996	0.763927	0.870656	-1.14856	0.815725	1.11333	1.11333	0.918711	0.95414	-1.04806	0.733124	1.17045	1.17045	0.697452	0.83556	-1.1968	0.795225	0.887273	-1.12705	0.0577624	0.372846	-2.68207	0.90418	1.05694	1.05694	0.336892	1.57666	1.57666	0.783718	2.62481	2.97704	1
cg04353159	FAM189A1	0.640001	0.597495	1.26168	1.26168	0.628424	0.764558	-1.31048	0.242957	1.1345	1.1345	0.349662	1.13294	1.13294	0.0497	1.25133	1.25133	0.476053	1.87579	1.87579	0.0413457	2.68273	2.68273	0.0381693	2.13743	2.13743	0.0113138	1.90393	1.90393	0.783741	1.44498	1.63989	1
cg14778348	ARHGAP26;ARHGAP26 NFATS;NFATS;NFATS;NFATS;NFATS;MIR1538;	0.640013	0.828548	0.957759	-1.0441	0.276497	1.25263	1.25263	0.719256	0.930680	-1.07447	0.986621	0.997415	-1.00259	0.78344	0.946651	-1.05636	0.338776	0.821832	-1.21679	0.253542	0.788761	-1.26781	0.470316	0.864022	-1.15738	0.227989	1.28636	1.28636	0.783693	0.491521	0.557499	1
cg07307803	NFAT5	0.640059	0.886417	0.925596	-1.08039	0.746331	1.19177	1.19177	0.897253	0.932497	-1.07239	0.20327	0.483594	-2.06785	0.538203	0.713801	-1.40095	0.385925	0.618266	-1.61743	0.280653	0.545179	-1.83426	0.376451	1.63095	1.63095	0.335856	1.7106	1.7106	0.783625	3.632	4.11989	1
cg01409757	ABCA10	0.640062	0.436498	0.510412	-1.9592	0.203544	0.320767	-3.11752	0.131254	0.251468	-3.97665	0.479212	0.543661	-1.83938	0.295774	0.399099	-2.50564	0.410309	0.49	-2.04082	0.514071	1.75174	1.75174	0.947328	0.945564	-1.05757	0.84927	0.851127	-1.17491	0.783621	8.90831	10.105	1
cg20364735	NOL7	0.640066	0.88491	1.0247	1.0247	0.959727	1.24581	1.24581	0.349574	1.60737	1.60737	0.91509	1.03126	1.03126	0.442371	1.34019	1.34019	0.254554	1.44371	1.44371	0.215306	0.8997431	-1.11143	0.899743	1.46807	1.46807	0.178096	1.51037	1.51037	0.783615	1.03886	1.17275	1
cg17808823	TMEM154	0.640077	0.286149	1.22521	1.22521	0.687247	1.07704	1.07704	0.659393	0.921882	-1.08473	0.897124	0.976559	-1.024	0.683611	1.07803	1.07803	0.632964	1.09223	1.09223	0.72061	1.06807	1.06807	0.232852	0.795015	-1.25784	0.157614	0.757997	-1.31927	0.783599	0.417284	0.473354	1
cg17468317	BAT3;BAT3;BAT3;BAT3	0.640093	0.900582	1.01289	1.01289	0.917873	1.02637	1.02637	0.211426	1.38746	1.38746	0.825599	0.945829	-1.05727	0.478399	0.833701	-1.19947	0.618818	1.13494	1.13494	0.078656	1.08913	1.08913	0.472391	1.20257	1.20257	0.782181	0.789981	0.899607	1.09	1
cg21116328	ZNF41;ZNF41	0.640131	0.192581	0.17214	-5.80921	0.683329	0.590497	-1.69349	0.860664	0.799194	-1.25126	0.201508	0.58915	0.58915	0.443506	0.21942	0.21942	0.237608	0.206308	4.84713	0.913837	1.14807	1.14807	0.616589	0.525168	-1.90415	0.958002	1.0695	1.0695	0.783518	0.10982	22.9146	1
cg05374090	FAM58A;FAM58A;FAM58A;FAM58A	0.640145	0.251599	0.165152	-6.05504	0.924703	0.867505	-1.15273	0.992257	0.985515	-1.0147	0.270737	0.60762	0.60762	0.229252	0.66561	0.66561	0.233478	0.152864	-6.54177	0.988281	0.978159	-1.02233	0.945183	1.10892	1.10892	0.828425	1.38588	1.38588	0.783498	28.0526	31.8261	1
cg22676191	TMEM5	0.640144	0.860542	1.08197	1.08197	0.92412	1.03744	1.03744	0.553457	1.33222	1.33222	0.60573	1.3276	1.3276	0.479	1.73323	1.73323	0.240112	1.57079	1.57079	0.177325	1.51144	1.51144	0.648327	1.23287	1.23287	0.285816	1.6576	1.6576	0.78344	2.57923	2.92605	1
cg04251835	CCDC40	0.640194	0.917711	1.02359	1.02359	0.634818	0.710839	1.10839	0.545125	0.876596	-1.14078	0.706157	0.19847	0.19847	0.144033	0.713508	-1.40153	0.143406	0.713075	-1.40238	0.395605	0.829351	-1.20576	0.654932	0.907785	-1.10158	0.430098	0.840954	-1.18913	0.783425	0.573932	0.651195	1
cg14585793	TUBG1;KIF6	0.640196	0.682078	0.950079	-1.05256	0.823014	1.05861	1.05861	0.732693	1.1809	1.1809	0.516589	1.03269	1.03269	0.0586	1.41623	1.41623	0.998369	0.996746	0.996746	0.472728	0.505956	-1.97676	0.507254	1.00257	1.00257	0.0625	0.998369	-1.00258	0.336867	1.11031	1.11031	0.783767	0.891808	0.247636	1
cg13243544	MAP7D3	0.640273	0.277161	0.231425	-4.32105	0.986454	1.02223	1.02223	0.985286	1.02417	1.02417	0.918529	0.80926	0.80926	0.138915	7.86629	7.86629	0.536967	0.445067	-2.24685	0.998903	1.00178	1.00178	0.965691	1.05728	1.05728	0.904507	1.16813	1.16813	0.783308	20.8009	23.6046	1
cg04563766	PRKACG;PRKACG	0.640329	0.138328	0.039923	-25.0476	0.414408	5.38719	5.38719	0.0124	6.99238	6.99238	0.250027	11.315	11.315	0.800155	1.66864	1.66864	0.723923	2.05151	2.05151	0.306979	0.603275	-1.65764	0.496202	1.51984	1.51984	0.78751	1.57965	1.57965	1.73518	0.783284	50.5428	57.9712	1
cg06394820	CCDC86	0.640391	0.63002	0.843115	-1.18577	0.48179	0.483896	-2.06656	0.878912	0.932453	-1.05993	0.615995	0.774634	0.774634	0.256236	1.33224	1.33224	0.29282	1.41507	1.41507	0.607581	0.604026	-1.65556	0.0771607	0.446158	0.449326	0.17274	0.783782	0.783782	0.783782	0.71514	13.3358	1
cg18132852	SFXN3	0.640306	0.332237	0.875093	-1.14274	0.148713	1.22947	1.22947	0.381114	1.1273	1.1273	0.547807	0.922079	-1.08451	0.362918	0.882742	-1.13283	0.55122	0.922731	-1.08374	0.798549	1.0347	1.0347	0.755828	0.959248	-1.04248	0.929882	1.01181	1.01181	0.783259	0.220694	0.250457	1
cg16725094	RNF144A	0.640319	0.502188	1.26168	1.26168	0.628424	0.764558	-1.31048	0.242957	1.1345	1.1345	0.349662	1.13294	1.13294	0.0497	1.25133	1.25133	0.476053	1.87579	1.87579	0.0413457	2.68273	2.68273	0.0381693	2.13743	2.13743	0.0113138	1.90393	1.90393	0.783741	1.44498	1.63989	1
cg26482609	STRN;STRN44 C14orf559;C14orf159;C14orf159;SNOR	0.640325	0.926848	0.982215	-1.01811	0.492169	0.872559	-1.14605	0.07309268	0.676635	-1.47079	0.779981	0.946745	-1.05625	0.238382	0.785583	1.27294	0.45156	0.860805	-1.1617	0.538188	1.12952	1.12952	0.645169	0.913373	-1.09484	0.551992	1.88096	1.88096	0.783231	0.473713	0.537617	1
cg05131266	A11B;C14orf159;C14orf159	0.640332	0.639437	0.660782	-1.51336	0.12787	4.24371	4.24371	0.463519	1.92552	1.92552	0.433576	2.01712	2.01712	0.819966	0.81303	-1.22997	0.704393	0.71555	-1.39753	0.533663	0.57491	-1.7394	0.250404	2.87091	2.87091	0.533428	1.73997	1.73997	0.783221	0.564441	10.8548	1
cg27015773	ADAMTS10	0.640343	0.305029	1.54471	1.54471	0.34863	0.673662	-1.48442	0.827035	0.914307	-1.09372	0.951956	0.975615	-1.02497	0.73117	1.1256	1.1256	0.629456	1.22023	1.22023	0.320394	1.52446	1.52446	0.160232	1.8482	1.8482	0.288449	1.57013	1.57013	0.783204	2.07897	2.35951	1
cg23939547	C6orf27	0.640354	0.603078	0.800344	-1.24961	0.45791	1.16361	1.16361	0.737043	1.24894	1.24894	0.671539	1.03826	1.03826	0.918327	1.08227	1.08227	0.639741	0.871538	1.14734	0.480223	0.748457	1.33603	1.33603	0.155055	1.50538	1.50538	0.0602461	-1.21883	0.792092	0.943188	0.606028	0.690089	1
cg25597267	IGF1R	0.640355	0.86397	0.882561	-1.13307	0.106205	1.616	1.616	0.142092	1.15775	1.15775	0.7563	0.79708	-1.25458	0.900076	1.09584	1.09584	0.673999	0.734737	-1.36103	0.464071	1.72101	1.72101	0.684536	1.3466	1.3466	0.884875	0.899827	-1.11132	0.783187	6.58375	7.47232	1
cg04605940	PTPN22;PTPN22;PTPN22	0.640359	0.739124	0.919117	-1.088	0.917873	1.02637	1.02637	0.211426	1.38746	1.38746	0.825599	0.945829	-1.05727	0.478399	0.833701	-1.19947	0.618818	1.13494	1.13494	0.078656	1.08913	1.08913	0.472391	1.20257	1.20257	0.782181	0.789981	0.899607	1.09	1
cg11119023	COL23A1	0.640363	0.264151	0.650599	-1.53704	0.384446	0.719395	-1.39006	0.226844	0.625871	-1.59777	0.685283	0.8603	-1.16238	0.386626	0.596284	1.67705	0.495872	2.29094	1.29094	0.618497	1.20374	1.20374	0.825065	1.08519	1.08519	0.582372	0.81455	-1.22767	0.783175	1.69186	1.92023	1
cg07134930	HDAC4	0.640366	0.850519	0.935997	-1.06838	0.377684	1.37347	1.37347	0.687027	0.867623	-1.15257	0.275104	0.671553	-1.48909	0.940462	1.02653	1.02653	0.812786	1.08674	1.08674	0.0914248	1.91876	1.91876	0.756595	1.11517	1.11517	0.719232	0.881121	-1.13492	0.783171	1.52459	1.73018	1
cg00772675	HOXA3	0.640367	0.502188	1.26168	1.26168	0.628424	0.764558	-1.31048	0.242957	1.1345	1.1345	0.349662	1.13294	1.13294	0.0497	1.25133	1.25133	0.476053	1.87579	1.87579	0.0413457	2.68273	2.68273	0.0381693	2.13743	2.13743	0.0113138	1.90393	1.90393	0.783741	1.44498	1.63989	1
cg10971928	MYO10	0.640374	0.729234	0.959711	-1.04198	0.97657	1.00348	1.00348	0.305067	0.881888	-1.13393	0.197816	0.851216	-1.17479	0.455901	1.09403	1.09403	0.219059	1.16529	1.16529	0.556706	0.932069	-1.07288	0.761523	0.964619	-1.03668	0.510157	0.923984	-1.08227	0.783158	0.703716	0.197169	1
cg16240951	ZNF114	0.640415	0.564555	1.15625	1.15625	0.455133	1.78196	1.78196	0.0498	1.76749	1.76749	0.133089	1.42432	1.42432	0.894195	1.10633	1.10633	0.404319	2.52244	2.52244	0.0122125	3.64606	3.64606	0.0693	1.42994	1.42994	0.0954486	1.74715	1.74715	0.783052	0.704102	0.82488	0.81914	1
cg13764828	ATP2B2;ATP2B2	0.640413	?	?	?	0.174346	1.53517	1.53517	0.249808	2.84108	2.84108	?	?	?	?	0.757775	0.767503	0.304393	0.843776	0.18372	0.183335	2.12466	2.12466	0.571787	1.63239	1.63239	0.286063	2.61083	2.61083	0.758328	2.49496	2.74129	1
cg01382181	HLA-DMA	0.640422	0.947813	0.97913	-1.02131	0.457052	1.27638	1.27638	0.58421	0.837179	-1.19449	0.618698	1.17546	1.17546	0.696171	1.13478	1.13478	0.344044	0.730488	-1.36805	0.0754269	0.528493	-1.89217	0.937199	0.97493	-1.02571	0.947056	1.02163	1.02163	0.783088	1.28753	1.46148	1
cg13005513	CARD11	0.640425	0.386271	0.709655	-1.40915	0.259731	2.41351	2.41351	0.317043	1.74894	1.74894	0.871578	1.14734	1.14734	0.520223	0.88227	0.88227	0.425302	0.740403	1.35058	0.464153	0.647756	1.54338	1.54338	0.0826461	-1.21883	0.792092	0.943188	0.606028	0.690089	1.09	1
cg01124355	KDM4B	0.640445	0.913054	0.962263	-1.03922	0.667189	1.16458	1.16458	0.346177	1.40731	1.40731	0.457388	1.30545	1.30545	0.979638	1.00903	1.00903	0.952376	0.979184	-1.02126	0.326296	0.699814	-1.42895	0.45671	0.576863	-1.73351	0.388815	1.36487	1.36487	0.783047	1.53837	1.7463	1
cg19357105	CBFA2T2;CBFA2T2;CBFA2T2	0.640446	0.589883	1.48508	1.48508	0.329112	0.243643	2.24343	0.177284	2.83434	2.83434	0.513596	0.617879	-1.61844	0.0208882	0.744649	1.42016	0.752203	0.794073	-1.2585	0.898366	0.774409	1.29109	1.29109	0.774409	1.00689	0.946868	0.855176	-1.16904	0.783011	0.65922	0.743574	1
cg21755960	SLC12A2	0.640482	0.638734	0.800419	-1.24935	0.252535	1.75539	1.75539	0.649126	1.24063	1.24063	0.491373	1.38926	1.38926	0.138737	0.482326	2.07329	0.966349	0.980335	-1.02006	0.315998	1.62919	1.62919	0.567819	0.31238	3.20128	0.819498	1.13161	1.13161	0.782999	2.74867	3.12039	1
cg07109490	PRDM16;PRDM16	0.640489	0.468199	1.21576	1.21576	0.671634	1.11948	1.11948	0.8329	0.945612	-1.05752	0.943917	0.981555	-1.0188	0.631995	1.13623	1.13623	0.694902	0.900923	-1.10997	0.0525897	1.79195	1.79195	0.600518	0.869483	-1.15011	0.907047	0.969555	-1.0314	0.782989	0.868831	0.986341	1
cg00772675	HOXA3	0.640518	0.880943	1.12747	1.12747	0.820538

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 N)	Fold-Change(105 vs. N)	p-value(111 N)	Fold-Change(111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1321 N)	Fold-Change(1321 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 N)	Fold-Change(1533 vs. N)	p-value(5377 N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 N)	Fold-Change(5637 vs. N)	F(Error
cg13774015	KLHL29		0.924427	1.09004	0.133904	0.860661	0.915542	-1.07349	0.515005	0.765833	-1.30939	0.322514	0.662015	-1.51054	0.529726	1.29208	1.29208	1.29208	0.508639	1.31079	0.130379	0.0990099	2.0864	2.0864	0.5992758	1.23864	1.23864	0.749917	0.8789355	-1.13774	0.782113	2.01789	2.29338	1
cg25144696	E2F7		0.641083	0.168593	1.18094	1.139094	0.595252	0.962884	-1.03855	0.861884	1.01994	1.019994	0.229486	1.15367	1.15367	0.242646	1.14869	1.14869	0.960822	0.994447	-1.00558	0.486552	0.922981	-1.08345	0.817094	0.974078	-1.02661	0.587879	0.939857	-1.06399	0.782211	0.159193	0.180927	1
cg08024264	SCARNA16;C17orf86		0.641088	0.498438	2.33287	2.33287	0.82127	1.32169	1.32169	0.854046	1.25482	1.25482	0.563342	0.486674	-2.05477	0.470181	0.404296	-2.47344	0.430459	2.69648	2.69648	0.376207	0.326483	-3.06295	0.143203	6.95358	6.95358	0.455205	0.391583	-2.55374	0.782103	18.8203	21.3899	1
cg14503794	ANAPC2;SSNA1		0.641099	0.759111	1.183	1.183	0.640728	1.29281	1.29281	0.731069	1.22562	1.22562	0.702322	1.23345	1.23345	0.260771	0.526287	-1.89812	0.925362	0.95009	-1.05251	0.1990044	2.09905	2.09905	0.528937	0.705732	-1.41699	0.178754	2.1826	2.1826	0.782085	3.69794	4.20294	1
cg09253696	TRIM47		0.641106	0.294392	0.630875	-1.5851	0.18662	0.552667	-1.80941	0.400756	0.694671	-1.43953	0.994217	1.00307	1.00307	0.210827	0.572089	-1.74798	0.371093	0.677723	-1.47553	0.132884	0.498388	-2.00647	0.810767	0.903388	-1.10694	0.639662	0.818953	-1.22107	0.782076	2.22232	2.52583	1
cg12432038	C1orf229		0.641106	0.220614	0.333772	-2.99366	0.683905	0.703875	-1.42071	0.857497	1.1655	1.1655	0.491588	0.551425	-1.81348	0.104444	2.02103	4.57241	0.470558	0.535006	-1.86914	0.289155	0.39159	-2.55369	0.236466	0.347499	-2.87771	0.463481	0.529485	-1.88863	0.782075	8.99324	10.2215	1
cg13754552	TBC1D1		0.641121	0.2802	1.51967	1.51967	0.587414	1.22659	1.22659	0.386063	1.39273	1.39273	0.450423	1.33202	1.33202	0.906103	0.956962	-1.04497	0.301071	1.49103	1.49103	0.171814	0.581421	-1.71992	0.831878	0.923803	-1.08248	0.647583	1.18718	1.18718	0.782054	1.72148	1.95664	1
cg04014470	PHYHIP;PHYHIP		0.641124	0.290012	2.56293	2.56293	0.176724	3.07948	3.07948	0.0662405	4.13728	4.13728	0.151589	2.11837	2.11837	0.854021	0.865742	-1.15508	0.902234	1.10101	1.10101	0.7663987	1.14435	1.14435	0.6185061	1.44848	1.44848	0.807644	0.904198	-1.10603	0.782049	7.59406	8.63153	1
cg20674525	KCNJ4		0.641127	0.474549	1.59762	1.59762	0.54915	1.42515	1.42515	0.562591	0.708597	-1.41124	0.601275	0.73891	-1.35335	0.537933	1.40313	1.40313	0.154886	2.3957	2.3957	0.362454	2.31331	2.31331	0.0355191	1.29877	1.29877	0.178985	0.81273	-1.23042	0.782044	4.07906	4.63635	1
cg07889938	AFF1		0.641137	0.946763	0.967253	-1.03386	0.994824	0.996771	-1.00324	0.243789	0.544401	-1.83688	0.914709	1.05487	1.05487	0.6302	0.785152	-1.27364	0.414981	0.660034	-1.51507	0.0833811	0.384567	-2.60033	0.771465	0.864833	-1.15629	0.20435	0.512807	-1.95005	0.782029	3.07925	3.50001	1
cg08379291	C5orf39		0.641142	0.8647	1.09551	1.09551	0.8009	1.12026	1.12026	0.71965	1.08357	1.08357	0.6897174	1.27219	1.27219	0.73808	1.15501	1.15501	0.345758	1.58105	1.58105	0.0178211	2.58105	2.58105	0.0012001	2.58202	2.58202	0.0012001	3.54221	4.0274	1
cg01568009	TMEM185A		0.641156	0.113202	0.25777	-3.87942	0.613333	1.03886	1.03886	0.903143	1.10048	1.10048	0.196956	2.02931	2.02931	0.894074	1.11045	1.11045	0.322299	0.447504	-2.23461	0.914649	1.08797	1.08797	0.943081	1.10958	1.10958	0.675221	0.779504	-1.28287	0.782002	7.66007	8.70708	1
cg10137413	SLC44A2;SLC44A2		0.641157	0.192644	1.29251	1.29251	0.529731	1.10886	1.10886	0.824868	1.06468	-1.05956	0.158095	1.27685	1.27685	0.898194	0.97952	-1.02091	0.854346	0.970677	1.03021	0.4451104	0.8709021	-1.13764	0.444621	1.13452	1.13452	0.363221	1.16339	1.16339	0.782	0.324856	0.369026	1
cg01456487	SNRPF		0.641179	0.303519	0.905292	-1.10452	0.546684	1.0586	1.0586	0.237303	1.12253	1.12253	0.818707	1.02167	1.02167	0.659546	1.04226	1.04226	0.960461	1.00464	1.00464	0.208187	1.13189	1.13189	0.196957	1.13582	1.13582	0.604141	1.10504	1.10504	0.781968	0.107953	0.122714	1
cg21126583	CNTNAP2		0.641179	0.990457	1.00559	1.00559	0.246226	0.869056	-1.15075	0.769159	0.871836	-1.147	0.708701	0.839534	-1.19114	0.15029	0.487408	-2.05167	0.178111	0.513115	-1.94812	0.362807	0.6500156	-1.53842	0.709832	1.19028	1.19028	0.660592	1.22867	1.22867	0.781967	2.69004	3.05786	1
cg22875013	ENPP7		0.641183	0.882383	1.02688	1.02688	0.552326	0.899096	-1.11223	0.604206	0.93629	-1.07031	0.839412	1.03639	1.03639	0.104306	0.70964	-1.40926	0.617809	1.03809	1.03809	0.1044218	0.8149599	-1.08641	0.406676	1.16427	1.16427	0.739104	0.94187	-1.06172	0.781962	0.393575	0.451585	1
cg03652890	GATSL3		0.641192	0.983287	0.986788	-1.01339	0.448881	0.610577	-1.63779	0.643227	0.743108	-1.3457	0.918138	1.06746	1.06746	0.494126	0.6419	-1.55788	?	?	?	0.241048	2.20851	2.20851	0.166707	0.383541	-2.60728	0.582538	0.702054	-1.42439	0.774281	4.18524	4.054	1
cg16546279	ATXN7L3;ATXN7L3		0.641221	0.79308	1.0692	1.0692	0.77791	1.07463	1.07463	0.36919	0.78843	-1.26674	0.778259	0.930665	-1.07445	0.131016	1.51441	1.51441	0.75041	0.921981	-1.08462	0.305365	1.31016	1.31016	0.960286	0.990248	-1.00985	0.253072	1.35505	1.35505	0.781922	0.802322	0.912081	1
cg01510626	cg01510626		0.641218	0.751724	1.11287	1.11287	0.587756	0.82907	-1.20617	0.215626	0.644599	-1.55135	0.481441	0.785767	-1.27266	0.205783	0.637797	-1.5679	0.53758	1.23408	1.23408	0.917521	0.965699	-1.03552	0.274501	1.46848	1.46848	0.69438	0.875414	-1.14232	0.781911	1.40597	1.59833	1
cg15410675	TRIM2;TRIM2		0.641218	0.561625	0.76203	-1.31194	0.624966	1.20516	1.20516	0.142195	1.44895	1.44895	0.161661	2.00214	2.00214	0.455838	0.70371	-1.42104	0.935576	0.96329	-1.03811	0.268093	0.586445	-1.70519	0.444887	0.907466	-1.41376	0.79543	0.886742	-1.12772	0.781911	2.65046	3.01309	1
cg27234109	TOLLIP		0.641228	0.245613	1.47434	1.47434	7	?	?	?	0.672744	1.5408	0.258347	0.835311	-1.23253	0.584349	0.838115	-1.19315	0.626054	0.854715	-1.16998	0.832151	1.0702	1.0702	0.139394	1.23562	1.23562	0.902844	1.03981	1.03981	0.7677	1.10459	1.43869	1
cg26866014	C7orf33;C7orf33		0.641233	0.262509	1.67256	1.67256	0.733026	1.1248	1.1248	0.523487	1.63911	1.63911	0.145532	0.826725	1.21007	1.16017	1.16017	0.366552	0.987042	1.01244	1.01244	0.902465	0.775672	1.29004	0.564012	1.12181	1.12181	0.328644	1.531	1.531	0.781913	1.14153	1.34408	1
cg22087450	ADORA2B		0.641236	0.590106	0.699406	-1.42978	0.42314	1.71233	1.71233	0.48862	1.58806	1.58806	0.428631	1.70105	1.70105	0.524452	1.52815	1.52815	0.81307	1.16852	1.16852	0.0704756	3.77166	3.77166	0.321519	1.96074	1.96074	0.465103	1.63027	1.63027	0.781884	3.35217	6.08465	1
cg18683782	TMEM184A;MAFK		0.641245	0.676765	1.12094	1.12094	0.465558	1.22578	1.22578	0.480843	0.821654	-1.21706	0.410337	1.26571	1.26571	0.266145	0.727873	-1.37387	0.751123	1.09114	1.09114	0.192771	1.45917	1.45917	0.322677	1.32319	1.32319	0.922822	0.973786	-1.02692	0.781862	0.930561	1.05794	1
cg05831557	KCTD5		0.641261	0.242268	0.606242	-1.43628	0.327925	0.741734	-1.34819	0.293789	0.724568	-1.38013	0.703314	0.954025	-1.05946	0.162606	0.612754	-1.63198	0.648205	0.872955	-1.14553	0.884423	0.957875	-1.04397	0.418244	1.26351	1.26351	0.655191	0.883815	-1.1311	0.781847	1.08386	1.23225	1
cg17087907	RPS6KA2		0.641281	0.791334	0.813968	-1.22855	0.139533	2.58461	2.58461	0.125559	2.69136	2.69136	0.574864	0.712877	-1.40277	0.611139	0.73622	-1.35829	0.93847	0.954941	-1.04719	0.784006	1.17464	1.17464	0.836175	0.88368	-1.13163	0.919251	0.941238	-1.06243	0.781817	0.415623	0.502105	1
cg07507795	ZIC06		0.641294	0.201998	0.144885	-6.90203	0.683914	0.661308	-1.51215	0.937267	1.04079	1.04079	0.205371	0.79934	-1.25098	0.288853	0.449225	-4.44625	0.322239	0.28778	-3.4757	0.0976401	0.24503	-4.08167	0.0027	1.06164	1.06164	0.949398	0.912681	-1.09567	0.781797	25.4603	28.9479	1
cg15293827	SH3BP2;SH3BP2;SH3BP2;SH3BP2		0.6413	0.82486	0.917229	-1.09024	0.589212	1.28232	1.28232	0.333914	1.47476	1.47476	0.534005	0.780558	-1.28113	0.144934	0.787333	1.27011	0.116726	0.514596	-1.94327	0.440994	0.736169	-1.35838	0.629814	1.20842	1.20842	0.761701	1.12587	1.12587	0.781789	1.88147	2.13922	1
cg08479136	KIAA1026;KIAA1026;KIAA1026;KIAA102		0.641301	0.813375	0.947459	-1.05545	0.256381	1.31045	1.31045	0.723011	1.08461	1.08461	0.398802	1.21792	1.21792	0.356994	1.24135	1.24135	0.228226	1.3346	1.3346	0.278255	1.29344	1.29344	0.378856	0.813798	-1.22881	0.784446	0.939343	-1.06457	0.781788	0.644895	0.733243	1
cg17122244	SAPS3		0.641303	0.0560846	0.630583	-1.58583	0.954788	1.01221	1.01221	0.540289	1.14178	1.14178	0.438176	0.844257	-1.18447	0.938205	0.983485	-1.01679	0.776545	0.98099	-1.06281	0.609861	1.11647	1.11647	0.539276	0.875408	-1.14232	0.857777	0.962194	-1.03929	0.781784	0.567488	0.645235	1
cg22730140	NKX2-5;NKX2-5;NKX2-5		0.641313	0.0832268	0.73044	-1.36915	0.241375	1.13917	1.13917	0.195543	1.97886	1.97886	0.132952	0.525414	-1.90346	0.36722	0.704746	-1.41924	0.739154	0.704644	1.41934	0.0939154	0.6826512	-1.46496	0.357051	1.05384	1.05384	0.770965	1.34646	1.34646	0.781769	12.8586	14.6206	1
cg03958058	PPP2R2D;PPP2R2D;PPP2R2D		0.641316	0.390549	0.0445766	-22.4333	0.411152	19.4983	19.4983	?	?	?	0.524659	9.73253	9.73253	?	?	?	0.792045	0.19467	5.13299	0.653377	4.92268	4.92268	0.437058	0.0607445	-16.4624	0.339936	33.494	33.494	0.730084	93.6293	149.619	1
cg07317783	C14orf43;C14orf43		0.641321	0.466253	0.673691	-1.48436	0.827512	2.78305	2.78305	0.411795	1.56371	1.56371	0.642536	0.779571	-1.28276	0.482231	1.463	1.463	0.492505	1.19467	1.19467	0.44961	1.50212	1.50212	0.760637	1.17677	1.17677	0.974608	0.983187	-1.01771	0.781757	3.51378	3.9953	1
cg24538396	COMMD1		0.641324	0.197018	0.788164	0.29198	-3.42576	0.675373	1.3248	0.0612352	0.874776	-1.13795	0.984501	1.08378	1.08378	0.210738	0.729581	-1.37087	0.522204	1.13442	1.13442	0.109542	0.768302	-1.30157	0.617865	0.909825	-1.10275	0.53881	1.13141	1.13141	0.781754	0.468214	0.53238	1
cg10237911	UTP15;ANKRA2;UTP15		0.641324	0.723142	1.13144	1.13144	0.303662	1.44777	1.44777	0.216541	1.57059	1.57059	0.982287	0.992322	-1.00774	0.443671	1.31144	1.31144	0.578787	1.21493	1.21493	0.330647	0.7057551	-1.41692	0.316588	1.43253	1.43253	0.448744	0.764905	-1.30735	0.781754	1.49224	1.69675	1
cg02154888	NGEF		0.641332	0.715422	1.20663	1.20663	0.609203	0.683914	0.8106	1.23265	0.823237	0.8091005	-1.12232	0.310219	1.71004	1.75706	1.75706	1.75706	0.875893	1.14179	1.14179	0.0178284	1.76764	1.76764	0.0170808	0.8620652	1.24828	0.0136064	0.7173157	-1.19454	0.242548	1.53607	1.67107	1
cg15611037	PPARD;PPARD		0.641336	0.276283	1.61189	1.61189	0.0869521	2.21864	2.21864	0.811437	1.10601	1.10601	0.969404	0.983962	-1.0163	0.717874	1.16528	1.16528	0.984732	1.0081	1.0081	0.175496	1.83551	1.83551	0.642639	1.21773	1.21773	0.747301	0.872486	-1.14615	0.781736	2.00235	2.50196	1
cg20203792	PACRGL;PACRGL		0.641339	0.927177	1.01292	1.01292	0.159467	1.23497	1.23497	0.573628	1.08309	1.08309	0.30478	1.15139	1.15139	0.599828	0.928378	-1.07715	0.454322	1.11293	1.11293	0.776634	0.9608357	-1.04074	0.432595	1.11899	1.11899	0.146395	1.24465	1.24465	0.781731	0.243983	0.277427	1
cg00600049	MAGED2;MAGED2;MAGED2		0.641349	0.67895	0.251002	-3.98403	0.0154254	1.58115	1.58115	0.152367	1.63464	1.63464	0.145101	1.50045	1.50045	0.162356	1.50045	1.50045	0.215601	0.91771	1.09001	0.751798	0.8227178	-1.21628	0.077385	1.02029	1.02029	0.781725	0.768286	-1.30158	0.781726	0.160881	1	
	SMPD4;SMPD4;SMPD4;SMPD4;SMPD4;																																	
cg15701122	SMPD4;SMPD4		0.641343	0.9896	1.0087	1.0087	0.135582	1.29192	1.29192	0.978983	1.65701	3.65701	0.940576	1.0508	1.0508	0.883599	0.907215	1.10227	0.798779	0.843837	-1.18506	0.7995	1.18432	1.18432	0.93274	1.05724	1.05724	0.85486	1.885406	-1.12943	0.781725	5.46985	6.2197	1
cg17404000	SLC9A7		0.641352	0.205673	0.40129	-2.49197	0.742935	1.25242	1.25242	0.929121	0.940960	-1.06273	0.10885	2.64237	2.64237	0.63476	1.38719	1.38719	0.228614	0.421414	-2.37297	0.725199	0.7855544	-1.27299	0.839683	0.870638	-1.14858	0.790465	1.19977	1.19977	0.781712	5.79065	6.58458	1
cg02657930	MRPS31;MRPS31		0.641353	0.207264	1.44599	1.44599	0.235325	0.831699	-1.202	0.420596	1.42036	1.42036	0.723548	1.30553	1.30553	0.107514	0.474502	-2.1083	0.975565	0.974091	-1.02662	0.742348	1.30543	1.30543	0.0726135	1.37115	1.37115	0.0976969	1.32343	1.32343	0.781711	0.587969	1.12343	1
cg24981058	NOX4;NOX4;NOX4;NOX4		0.641357	0.315516	0.663257	-1.50791	0.0877507	0.644554	0.644554	0.34769	0.615635	0.615635	0.139679	0.567144	-1.76246	0.835596	1.19679	1.19679	0.736542	0.780668	-1.28095	0.348538	0.682615	-1.46496	0.628738	0.824685	-1.21258	0.884151	0.943949	-1.05938	0.781704	1.93783	2.20354	1
cg23818142	C2orf77;KLHL23;PHOSPHO2		0.641378	0.791384	0.954266	-1.04793	0.724036	1.0646	1.0646	0.060869	1.45222	1.45222	0.993094	1.00153	1.00153	0.661288	1.08096	1.08096	0.678661	1.07634	1.07634	0.401595	0.859337	-1.16369	0.831268	0.963022	-1.0384	0.464289	1.14056	1.14056	0.781673	0.386019	0.438966	1
cg19598128	TSPAN9;TSPAN9		0.641403	0.523741	0.703884	-1.42127	0.589534	1.3451	1.3451	0.176008	1.16728	1.16728	0.136863	2.19786	2.19786	0.352737	0.58307	-1.71468	0.729657	0.818501	-1.22209	0.345737	0.8967	-1.11509	0.620285	0.948109	-1.07883	0.453603	1.05988	1.05988	0.781675	0.587969	1.17432	1
cg15805540	PTP4A1		0.641426	0.882041	0.899558	-1.11166	0.865152	1.12882	1.12882	0.691727	1.3286	1.3286	0.959516	0.964459	-1.03685	0.386562	0.531117	-1.88282	0.834755	0.861638	-1.16058	0.308746	0.471887	-2.11915	0.079157	0.40495	0.402665	0.921566	1.07273	1.07273	0.781603	0.29141	7.155	1
cg02937776	CDC16		0.641435	0.582708	1.38241	1.38241	0.991426	0.993152	-1.00628	?	?	?	0.617614	1.34111	1.34111	0.499586	1.49189	1.49189	?	?	?	0.0416234	0.939229	-2.54629	0.905432	0.93312	-1.07167	0.208911	0.265886	4.00001	1
cg09563274	BNIP3		0.641442	0.750325	1.16901	1.16901	0.236403	1.84198	1.84198	0.803811	1.12947	1.12947	0.6574	1.75969	1.75969	0.924371	1.04754	1.04754	0.704268	0.829835	-1.20506	0.2578323	0.561258	-1.78171	0.792908	0.87924	-1.13735	0.278151	0.576025	-1.73604	0.781579	2.96161	3.36823	1
cg02367472	SLU7		0.641443	0.970898	1.00441	1.00441	0.483679	0.917758	-1.08561	0.515069	1.08284	1.08284	0.497792	1.08653	1.08653	0.607842	1.14279	1.14279	0.179009	1.18782	1.18782	0.582206	0.935201	-1.06929	0.523272	1.08112	1.08112	0.368641	0.894642	-1.11777	0.781577	0.179946	0.204653	1
cg08155344	PLA2G6;PLA2G6		0.641454	0.268626	1.36242	1.36242	0.576373	1.3248	1.3248	0.362762	1.62924	1.62924	0.907351	1.03237	1.03237	0.864651	1.03474	1.03474	0.907351	1.03237	1.03237	0.864651	1.03474	1.03474	0.811128	0.8902	1.12324	0.745493	0.938385	-1.04342	0.781572	0.901564	-1.10137	0.781651	0.231253	0.26301	1
cg23634678	DCUN1D5		0.641459	0.622134	1.10321	1.10321	0.63375	0.909454	-1.09956	0.8981	0.974981	-1.02566	0.430272	1.17256	1.17256	0.287845	1.24383	1.24383	0.845015	1.03946	1.03946	0.107334	0.70643	-1.41557	0.76117	0.941503	-1.06213	0.540422	1.13037	1.13037	0.781554	0.483953	0.550417	1
cg04705708	TET3		0.641477	0.981445	0.977778	-1.02273	0.169316	1.41609	1.41609	0.612053	1.6392	1.6392	0.981299	0.977604	-1.02291	0.107322	0.18296	-5.46567	0.849098	0.960718	1.04131	0.757493	1.34986	1.34986	0.0178303	1.24826	1.24826	0.0139664	0.7173157	-1.39408	0.781527	11.5582	13.146	1
cg24049990	UPA;UPA;UPA;UPA		0.641492	0.703471	0.929398	-1.07597	0.26606	1.24841	1.24841	0.54881	1.12316	1.12316	0.760107	0.943052	-1.06039	0.16776	3.251	3.251	0.14279	3.15197	3.15197	0.972799	1.00655	1.00655	0.672825	0.08471	1.08471	0.700882	1.09258	1.09258	0.781575	0.453684	0.516023	1
cg04841806	GLYAT;GLYAT		0.641509	0.235866	0.525995	-1.90116	0.295106	0.570134	-1.75342	0.215251	0.509138	-1.96333	0.755987	1.17494	1.17494	0.225344	0.517588	-1.93204	0.531933	0.720759	-1.38743	0.561393	0.738072	-1.35488	0.939003	0.961191	-1.04038	0.473028	1.45858	1.45858	0.78148	3.31071	3.76575	1
cg06441027	CARS2		0.641534	0.755063	1.18384	1.18384	0.52374	1.20076	1.20076	0.5164	1.14348	1.14348	0.527772	0.83433	-1.19877	0.198343	0.834	-1.19877	0.975839	0.962618	-1.03875	0.665322	1.14543	1.14543	0.0933	1.25842	1.25842	0.0494148	1.13942	1.13942	0.781442	0.422916	0.48166	1
cg24081848	KCNK16;KCNK16;KCNK16;KCNK16		0.641541	0.461939	0.32062	-3.20262	0.41755	2.51598	2.51598	0.19293	0.215551	0.669169	0.0487	1.04837	1.04837	0.492828	0.407622	-2.45325	0.476257	0.46329	-2.24025	0.72935	0.679209	0.4723	0.194657	0.216982	-4.60867	0.820891	1.2873	1.2873	0.781432	0.35308	0.37617	1
cg04810949	NLGN1		0.641564	0.678366	0.740739	0.374155	0.345195	1.45873	1.45873	0.15249	0.674556	0.674556	0.183596	1.19679	1.19679	0.667144	1.15246	1.15246	0.774629	0.75662	-1.32147	0.0448	0.708262	-1.41191	0.462753	1.2013	1.2013	0.1657964	1.16556	1.16556	0.781398	0.0858	0.0858	1
cg23411919	LOC388965		0.641568	0.732191	0.861586	-1.16065	0.404009	0.690503	-1.44822	0.105347	0.464217	-2.15416	0.747786	1.15019	1.15019	0.844801	1.08872	1.08872	0.533892	1.31422	1.31422	0.425508	1.42324	1.42324	0.804233	0.897886	-1.11373	0.33593	1.650299	-1.53775	0.781392	2.32779	2.64803	1
cg26968039	CLDN15		0.641586	0.362406	0.345116	0.353494	0.9311	-1.074	0.993873	1.00044	1.00044	0.538415	0.0831078	0.0955115	-10.4697	0.424477	2.71395	2.71395	0.985616	0.102231	0.102231	0.53243	2.16076	2.16076	0.949053	0.108136	0.108136	0.781365	18.5411	21.0926	1
cg27128204	TCERG1		0.641601	0.992658	0.996354	0.0159258	0.345195	1.45873	1.45873	0.15869	0.674556	0.674556	0.183596	1.19679	1.19679	0.667144	1.15246	1.15246	0.774629	0.75662	-1.32147	0.0448	0.708262	-1.41191	0.462753	1.2013	1.2013	0.1657964	1.16556	1.16556	0.781398	0.0858	0.0858	1
cg02437787	COTL1		0.641662	0.54279	0.790741	-1.26464	0.504493	0.772499	-1.2945	0.543157	0.790914	-1.26436	0.114055	0.519358	-1.92545	0.463032	0.752245	-1.32935	0.755327	0.887707	-1.1265	0.27047	1.5485	1.5485	0.569586	0.803293	-1.24488	0.647191	1.19199	1.19199	0.781316	1.79737	2.04484	1
cg16863818	RUNDC3A;RUNDC3A;RUNDC3A		0.641663	0.5163	0.6163	-1.62195	0.0877383	1.18446	1.18446	0.0766	1.31743	1.31743	0.0362	2.03672	2.03672	0.0245084	1.83114	1.83114	0.925834	0.9653	1.03572	0.0129276	2.10971	2.10971	0.0012001	1.44896	1.44896	0.0154375	1.4077	1.4077	0.654563	1.24608	0.781315	2.95285	3.10952	1
cg13981725	C15orf58;C8ll1		0.641621	0.74181	0.9269	-1.07887	0.956383	1.01264	1.01264	0.925988	0.978893	-1.02156	0.603327	1.15791	1.15791	0.770144	0.934942	-1.06059	0.684922	0.645765	-1.54855	0.759446	1.00579	1.00579	0.260908	0.76773	-1.30254	0.383762	1.2276

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg04908854	LOC284688		0.402087	0.523602	-1.90985	0.273161	0.422174	-2.36869	0.8035	1.20733	1.20733	0.922293	1.07626	0.189275	0.349415	-2.86193			0.280471	0.428149	-2.33564	0.290016	0.418765	-2.38797	0.203318	0.360459	-2.77424	0.956185	0.959306	-1.04242	0.78046	7.06729	8.04915	1
cg15278722	COL4A1		0.942227	0.911711	1.03691	0.408672	0.793858	-1.25967	0.26454	0.683851	-1.4623	0.367743	1.35302	1.35302	0.667338	1.15161	1.15161		0.981588	1.00757	1.007557	0.566596	1.2084	1.2084	0.614352	0.615761	-1.62401	0.481424	1.26344	1.26344	0.780418	1.31987	1.50332	1
cg10446869	TRIM46		0.842234	0.282957	0.570475	-1.75292	0.997297	1.001171	1.001171	0.310056	1.69634	1.69634	0.75967	1.16693	1.16693	0.447879	0.677626	-1.47574		0.838195	1.10835	1.10835	0.281056	0.569111	-1.75713	0.824143	0.894067	-1.11848	0.2334	1.87496	1.87496	0.780408	3.12857	3.56346	1
cg22985182	SIR3		0.973958	0.99427	-1.00576	0.130407	1.33378	1.33378	0.345593	1.18682	1.18682	0.150861	1.30592	1.30592	0.932121	1.015112	1.015113		0.973114	1.00596	1.00596	0.913983	1.01923	1.01923	0.474305	0.879598	-1.1369	0.481462	1.13447	1.13447	0.780406	0.384265	0.437681	1
cg18285544	SNX21;SNX21;SNX21;SNX21		0.64224	0.167138	0.739747	-1.35181	0.689928	1.085155	1.085155	0.183858	1.33454	1.33454	0.796394	0.948451	-1.05435	0.826385	1.04599	1.04599		0.98979	1.00884	1.00884	0.473814	0.862774	-1.15905	0.955966	0.896172	-1.11586	0.975146	0.993644	-1.0064	0.766251	0.451968	0.589343	1
cg02071292	GLIPR1L2		0.842781	1.22189	1.221189	0.399918	0.46311	-2.15931	0.376248	0.444133	-2.25057	0.651399	1.50129	1.50129	0.262145	0.353892	2.84204		0.808546	1.07864	1.07864	0.531296	0.820573	-1.21866	0.232322	1.47788	1.47788	0.523463	0.817389	-1.22341	0.780379	1.20192	1.36905	1
cg22588644	ACAD11;LBA5;ACAD11;LBA5		0.842354	0.122139	0.663767	-1.50605	0.688834	0.90622	-1.10349	0.927496	1.02252	1.02252	0.563605	0.866901	-1.15353	0.913394	1.026991	1.026991		0.655188	1.11625	1.11625	0.502393	0.846598	-1.1812	0.567302	0.868055	-1.15203	0.202664	1.3903	1.3903	0.780378	0.739684	0.842536	1
cg08263361	HMG20A;HMG20A		0.64226	0.914024	1.01327	0.61409	0.944208	-1.05909	0.825671	0.675229	1.02729	0.511756	1.08461	1.08461	0.206494	0.849906	1.11766		0.168477	0.836012	-1.19616	0.484967	1.10048	1.10048	0.639812	0.59201	1.05921	0.460058	1.09615	1.09615	0.78037	0.184126	0.20973	1
cg00292857	RNF139		0.642271	0.785046	0.701159	-1.42621	0.396677	3.13605	3.13605	0.199732	6.18342	6.18342	?	?	0.899737	1.1776	1.1776		0.413058	3.00667	3.00667	?	?	?	?	?	?	?	0.709318	9.62787	13.5734	1
cg16795512	ADPHFL1		0.842275	0.30521	0.548851	-1.82227	0.412119	0.82605	1.21155	0.475776	0.66382	1.50643	0.704781	1.23996	1.23996	0.215833	0.6877		0.209262	2.12138	2.12138	0.537899	0.42252	2.36696	0.102173	0.027853	0.998504	0.984891	-1.01534	0.780347	3.94594	4.4948	1
cg22633381	ADIPOR2		0.642285	0.989267	0.99842	-1.00158	0.270397	0.873381	-1.14441	0.432798	0.910196	-1.09866	0.625604	0.943838	-1.0595	0.331393	0.888874	-1.12502		0.248068	0.867674	-1.15251	0.537565	0.928941	-1.07649	0.135054	1.11915	1.11915	0.427995	1.09979	0.780372	0.170601	0.194517	1
cg27309564	HOXA11		0.642286	0.697889	1.397321	0.39302	0.390168	2.113339	2.113339	0.264961	1.03425	1.03425	0.248653	0.358735	-2.78649	0.856769	0.8576721	-1.16595		0.836904	1.2039	1.2039	0.382003	0.928007	1.07757	0.691703	0.713521	1.40115	0.78233	0.92516	10.1668	1
cg05363335	LOC349114		0.642287	0.167891	1.53845	1.53845	0.884278	1.04361	1.04361	0.345592	1.43953	1.43953	0.997097	0.998934	-1.00107	0.382211	0.7650021		0.636904	1.8609915	-1.14954	0.559384	0.841122	-1.18889	0.595688	0.854739	-1.16995	0.440198	1.2595	1.2595	0.780329	1.06167	1.20937	1
cg13437361	MTUS2;MTUS2		0.64231	0.939533	0.98374	-1.01653	0.49038	1.16344	1.16344	0.231119	1.33183	1.31183	0.177991	1.36245	1.36245	0.941658	1.01594	1.01594		0.897705	1.02818	1.02818	0.341416	1.23594	1.23594	0.439403	1.29706	1.29706	0.159086	1.38431	1.38431	0.780296	0.577032	0.657337	1
cg18310015	ADAMB;ADAM8;ADAM8		0.642312	0.67051	0.892214	-1.12081	0.886649	1.029946	-1.06578	0.265979	0.734252	-1.3623	0.454373	0.816206	-1.22518	0.412583	0.709917	-1.25013		0.216568	0.707742	-1.41414	0.940902	1.01996	1.01996	0.389917	0.790737	-1.26464	0.451922	0.815271	-1.22659	0.782293	0.877667	0.999814	1
cg16184035	VGLL4;VGLL4		0.642313	0.322189	0.741995	-1.34772	0.205401	0.677166	-1.47674	0.231491	0.693356	-1.44226	0.30546	0.733712	-1.36293	0.150179	0.63757	-1.56845		0.877552	1.04602	1.04602	0.503699	0.820362	-1.21897	0.791188	0.92549	-1.08051	0.319138	0.740503	-1.35043	0.780292	1.05225	1.1987	1
cg26545834	SENP2		0.642341	?	?	?	0.163907	0.933701	-2.0967	0.571389	0.660767	-1.51339	?	?	?	?	?			?	?	?	0.606048	0.686176	-1.45735	0.59777	1.47037	1.47037	0.973234	0.976077	-1.02451	0.702413	0.606568	5.23799	1
cg06948222	CASA		0.642348	0.934774	0.959354	-1.04233	0.960945	0.975481	-1.02514	0.529917	0.724271	-1.3837	0.93566	0.959896	-1.04178	0.221005	0.52088	-1.91983		0.85968	1.09385	1.09385	0.0524176	0.326861	-1.6594	0.631913	0.782957	-1.27721	0.814749	0.807818	-1.12636	0.78224	3.1759	3.63814	1
cg17989428	LAPTM4A		0.642377	0.625013	0.507556	-1.97023	0.601945	2.06481	2.06481	0.560423	2.25298	2.25298	?	?	?	?	?			0.575342	0.458191	-2.1825	?	?	?	0.226583	0.62684	0.62684	?	?	?	0.709128	10.7426	15.149	1
cg04276005	KIAA1614		0.642379	0.280459	0.70713	-1.41501	0.55052	0.807207	-1.44132	0.609059	1.0716	1.0716	0.82894	0.877254	-1.13992	0.445812	0.624774	-1.60058		0.58967	0.71926	-1.39032	0.536831	0.726403	0.742753	0.928943	0.612541	-1.63254	0.780196	4.52629	5.15687	1
cg07944287	RFX2;RFX2;RFX2;RFX2		0.642381	0.681451	1.09844	1.09844	0.581749	1.13492	1.13492	0.290714	1.2833	1.2833	0.778715	0.937926	-1.06018	0.178217	1.38461	1.38461		0.607762	0.888898	-1.12499	0.202463	0.7363	-1.35814	0.882303	1.03428	1.03428	0.706743	0.982593	0.928491	0.780115	0.639455	0.728545	1
cg05670461	VEPH1;VEPH1;PTX3;VEPH1		0.64239	?	?	?	0.779286	1.14903	1.14903	0.314206	1.67303	1.67303	0.484526	1.42084	1.42084	0.145239	2.16711	2.16711		0.995666	1.00269	1.00269	0.294802	1.71128	1.71128	0.656665	1.24759	1.24759	0.157333	2.12127	2.12127	0.766025	2.63655	3.44186	1
cg19768950	CERKL;CERKL;CERKL;CERKL;CERKL;CERK		0.642391	0.421481	0.75958	-1.31652	0.417432	0.757676	-1.31983	0.475304	1.2752	1.2752	0.237349	0.660642	-1.51368	0.180542	0.621166	-1.60988		0.557505	0.819038	-1.21975	0.744408	0.896238	-1.11578	0.22081	0.655777	-1.52491	0.336206	0.717443	-1.39384	0.780175	1.38561	1.57869	1
cg09026379	C11orf30;KCNK4		0.642402	0.185452	0.582358	-1.71648	0.55054	0.550154	-1.81767	0.15657	0.286134	-3.37585	0.199792	0.490494	-2.03911	0.186747	0.644597	-1.55157		0.673167	0.709837	-1.40877	0.164709	0.515695	-1.93442	0.930062	0.932781	-1.07206	0.788159	0.76805	0.97911	1
cg02959816	NWD1		0.642414	0.805949	1.05649	0.59293	0.1075	1.0075	1.0075	0.582554	0.883428	-1.13195	0.953743	1.01304	1.01304	0.980021	1.00561	1.00561		0.834435	1.04784	1.04784	0.0522631	1.63705	1.63705	0.583755	0.883784	-1.1315	0.417602	1.20316	1.20316	0.780141	0.615955	0.701816	1
cg01064918	SLC24A4;SLC24A4;SLC24A4;SLC24A4		0.642417	0.077422	0.67067	-1.67807	0.354904	0.21101	-2.11101	0.032464	0.078453	-3.08603	0.06043	0.206511	0.824408	-1.21299	0.882994	0.228295	0.688224	1.29848	0.770318	0.770318	0.0202707	0.280137	0.780172	0.187359	0.82694	0.102307	0.32103	-3.11833	0.780178	0.761751	0.82494	1
cg04327675	SLC22A23;SLC22A23		0.642423	0.597004	0.29308	0.213629	0.176085	-5.67908	0.188837	0.146267	-6.83683	0.33189	3.9738	3.9738	0.602664	2.06899	2.06899		0.511117	0.51593	2.51593	0.67108	0.553587	-1.8064	0.703813	0.589333	-1.69683	0.734509	1.60194	1.60194	0.780129	23.6776	26.9786	1
cg22653717	SLC39A10;SLC39A10		0.642423	0.500722	1.27539	1.27539	0.218042	0.630554	-1.58591	0.683352	0.864192	-1.15755	0.900117	0.956292	-1.04571	0.33186	0.700254	-1.42805		0.452145	1.3134	1.3134	0.351725	0.710992	-1.40649	0.454717	0.762606	-1.31129	0.385603	1.37242	1.37242	0.780129	1.56509	1.78329	1
cg18718127	MAPKBP1;MAPKBP1		0.642431	0.197682	1.35993	1.35993	0.372845	1.45345	-1.45345	0.278133	1.45345	1.45345	0.278133	1.45345	1.45345	0.278133	1.45345	1.45345		0.2008	1.62898	1.62898	0.0964968	1.97018	1.97018	0.0964968	1.85496	-1.10994	0.781717	1.61136	1.61136	0.83603	1
cg12292947	TNS3		0.642433	0.888839	1.04788	1.04788	0.402542	1.33176	1.33176	0.389873	0.74478	-1.34268	0.686953	1.14509	1.14509	0.278439	0.889971	-1.12363		0.351713	1.37783	1.37783	0.583509	1.20342	1.20342	0.16202	1.65207	1.65207	0.351922	0.725884	-1.37763	0.780113	1.38182	1.57449	1
cg02442960	DGKD;DGKD		0.642443	0.911516	1.04554	1.04554	0.341802	1.54264	1.54264	0.164852	1.68816	1.68816	0.164466	1.54264	1.54264	0.164852	1.68816	1.68816		0.530304	1.77288	1.77288	0.0580211	1.55844	1.55844	0.0580211	1.51832	0.816057	1.50082	1.65802	1.65802	0.780127	1.72467	1.84148	1
cg20533982	ESYT2		0.642449	0.192274	0.467278	-2.14006	0.162955	0.439992	-2.27277	0.691339	1.24607	1.24607	0.490841	0.679919	-1.47076	0.247523	0.5135	-1.94742		0.328719	0.57366	-1.74319	0.346949	0.586318	-1.70556	0.386389	0.612939	-1.63148	0.838103	0.893345	-1.11939	0.78009	1.75462	4.27828	1
cg05287409	MCM7;MCM7		0.642449	0.407282	0.672526	-1.48693	0.28683	0.529039	-1.89022	0.863958	0.905995	-1.10376	0.737827	0.824158	-1.21336	0.976224	0.593158	-1.68589		0.389222	0.601721	-1.6619	0.097223	0.350742	-2.85511	0.959456	0.971159	-1.0297	0.42808	1.5922	1.5922	0.78009	4.09434	4.66537	1
cg02123296	G3BP1;G3BP1		0.642462	0.666662	1.09193	1.09193	0.426873	1.23943	1.23943	0.243984	0.833388	1.56359	1.04563	0.86592	1.15509	0.409059	0.292962	3.41494	0.687828	1.08933	1.08933	0.648708	1.16388	1.16388	0.516586	1.14968	1.14968	0.780074	0.554391	0.631725	1.53153	1
cg21031226	DENND3		0.642462	0.842082	1.05321	1.05321	0.6620247	1.72656	1.72656	0.320153	1.30604	1.30604	0.581928	1.1555	1.1555	0.667465	1.11889	1.11889		0.695001	1.10749	1.10749	0.215894	1.40287	1.40287	0.938532	0.980154	-1.02025	0.96613	0.980024	-1.0111	0.780071	0.834634	0.951063	1
cg03920172	SKIL;SKIL;SKIL;SKIL IN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;B		0.642465	0.96574	0.968442	-1.03293	0.206884	0.70146	-2.70146	0.817989	0.21992	4.21992	0.748443	1.27152	1.27152	0.524645	0.61822	-1.61822		0.455879	0.762242	-1.76202	0.583611	0.51197	0.751353	-1.33147	0.311447	0.701859	1.3263	1.13263	0.780066	0.88594	0.784656	1
cg22768700	IN1;BIN1;BIN1		0.642474	0.653489	0.797426	-1.25443	0.903513	0.941056	-1.06264	0.534762	0.896045	-1.11603	0.376274	1.12366	1.12366	0.0571486	0.340251	-2.939	0.616267	0.763646	-1.30906	0.229993	0.532055	-1.8795	0.975731	1.08155	1.06155	0.569954	0.74833	-1.33631	0.780052	3.10227	3.53284	1
cg07567071	HYDIN		0.642478	0.488253	1.19376	1.19376	0.458123	1.45823	1.45823	0.154571	0.865001	-1.15607	0.872904	1.06806	1.06806	0.0571486	0.340251	-2.939	0.327322	1.51573	1.51573	0.182923	1.78831	1.78831	0.121255	1.99574	1.99574	0.634205	1.21793	1.21793	0.780047	2.26896	2.38157	1
ch.20.9040588	SNORD128;C20orf199;MIR129;C20orf SNORD128;C20orf199;MIR129;C20orf		0.642478	0.257953	0.348167	-2.87218	0.094393	0.193269	-5.17413	0.615123	0.635655	-1.57318	0.245476	0.337651	-2.96164	0.357775	0.429443	-2.3286	0.390188	0.455219	2.19675	0.342133	0.416932	-2.39844	0.342202	0.416992	-2.39813	0.404256	0.466368	-2.14423	0.780447	0.86917	11.2462	1
cg04990372	199;SNORD12;ZNF43;C20orf199		0.642481	0.202801	0.380047	-2.63125	0.496506	1.64344	1.64344	0.931874	0.940332	-1.06345	0.321506	0.28959	0.28959	0.300882	2.16264	2.16264		0.767841	0.808151	-1.23739	0.292171	0.455479	-2.19549	0.735473	1.27615	1.27635	0.797104	1.20368	1.20368	0.780043	6.39643	7.28898	1
cg13615991	C20orf54;C20orf54		0.642503	0.462607	1.42139	1.42139	0.564513	0.760238	-1.31528	0.346027	0.537135	-1.86128	0.346027	0.537135	-1.86128	0.346027	0.537135	-1.86128		0.440141	0.690577	-1.44826	0.492758	0.728651	-1.37263	0.925721	0.928552	-1.07703	0.980007	0.98307	1.01709	0.511475	0.955013	0.780007	2.71399	3.11336	1
cg13151361	PIKFYVE;PIKFYVE		0.642504	0.826631	1.0839	1.0839	0.508205	0.866974	-1.15344	0.994218	0.994218	0.994218	0.994218	0.994218	0.994218	0.994218	0.994218	0.994218		0.489291	1.15886	1.15886	0.12312	1.41993	1.41993	0.909354	0.975344	0.988835	1.00129	0.780005	0.544302	0.620283	1
cg02412264	FAM165B		0.642505	0.259443	0.870575	-1.14867	0.155298	1.19621	1.19621	0.362081	1.11669	1.11669	0.895726	0.984671	-1.01557	0.902718	1.01451	1.01451		0.401972	1.10634	1.10634	0.313145	1.13078	1.13078	0.950948	0.992778	-1.00727	0.928171	0.989434	-1.01068	0.779985	0.171463	0.195403	1
cg04748988	PPARG;PPARG;PPARG		0.642527	0.253205	0.660473	-1.51457	0.293755	0.625611	-1.59844	0.503423	0.743578	1.33878	0.938822	0.934453	1.07033	0.303913	0.303913		0.315004	0.646565	-1.54713	0.838862	0.936403	-1.06812	0.639443	0.912122	1.09597	0.773974	0.27089	-3.68799	1.09311	0.779974	0.27089	-3.68799	1.09311	1
cg16671674	LRP1B		0.642534	0.554109	0.789644	-1.26639	0.798822	1.10599	1.10599	0.233232	0.63063	-1.63765	0.905145	0.954044	-1.04817	0.166906	0.559031	-1.78881		0.881825	0.942985	-1.06046	0.581375	0.802699	-1.2458	0.263501	0.58409	1.58409	0.569798	1.25443	1.25443	0.779965	0.9239	2.19258	1
cg03648780	OSBP2		0.642541	0.53761	0.895027	-1.11728	0.575352	1.10579	1.10579	0.811331	0.9584	-1.04541	0.886925	0.975037	-1.0256	0.253945	0.80923	-1.23574		0.397013	1.1666	1.1666	0.25066	1.23772	1.23772	0.26085	1.23166	1.23166	0.633369	0.918161	-1.08913	0.779954	0.389971	0.444437	1
cg18327319	AGTRAP;AGTRAP;AGTRAP;AGTRAP;AG TRAP		0.642548	0.590748	1.64341	1.64341	0.700356	1.42455	1.42455	0.359553	0.422381	-2.36753	0.466847	1.96904	1.96904	0.42884	1.19162	1.19162		0.543016	1.75665	1.75665	0.210381	3.3461	3.3461	0.173414	3.76403	3.76403	0.242434	0.06326	0.06326	0.779944	10.3439	11.7887	1
cg15405588	STARD13		0.642555	0.736075	1.35855	1.35855	0.270982	1.32888	1.32888	0.420313	0.843772	1.18594	0.74694	0.524884	1.90544	0.219686	0.52882	1.89107	0.796628	0.81731	-1.22891	0.180491	0.716603	1.39555	0.880284	1.12762	1.12762	0.623242	0.674014	-1.48365	0.779914	1.82413	0.93664	1
cg14048465	TLE4		0.642568	0.353136	0.464778	-2.15156	0.18917	0.32775	-3.0511	0.105254	0.241846	-4.13486	0.361483	0.471296	-2.12181	0.377815	0.483988	-2.06617		0.380184	0.485822	-2.05837	0.600363	0.654478	-1.52794	0.766051	1.27036	1.27036	0.818942	0.832039	-1.20187	0.779915	7.9441	9.0541	1
cg15493308	PPP5A		0.642583	0.678092	1.47264	1.47264	0.810939	1.12487	1.16247	0.382694	1.75481	1.75481	0.587824	1.41025	1.41025	0.532904	0.665823	-1.5019	0.491214	1.64553	1.55146	0.268663	0.488942	-2.0621	0.185879	0.741359	2.41358	0.655031	1.32644	1.32644	0.779892	4.87427	5.55549	1
cg00984602	SRF		0.642591	0.660252	0.863839	-1.15762	0.927571	0.970363	-1.03054	0.767914	1.10288	1.10288	0.152928	0.602603	-1.65947	0.306436	0.704429	1.41959	0.864871	0.945199	-1.05798	0.420886	1.3127	1.3127	0.343768	1.49713	1.49713	0.881473	1.05061	1.05061	0.779881	1.3524	1.54143	1
cg21635899	EGLN1;EGLN1		0.642599	0.960288	1.01567	1.01567	0.23114	1.47744	1.47744	0.188041	1.54576	1.54576	0.380028	0.75492	-1.32464	0.861953	1.05584	1.05584		0.773751	0.913941	-1.09416	0.452702	0.78754	-1.26978	0.969431	0.988107	-1.01204	0.306651	1.39156	1.39156	0.779869	1.20395	1.37225	1
cg18172461	C20orf62;C20orf62;C20orf47		0.642601	0.923509	1.07739	1.07739	0.28282	1.30112	1.30112	0.223	1.23273	1.72816	1.10295	0.752955	1.03783	0.985951	1.01453	1.23703		0.573204	0.919294	1.08779	0.316106	0.840866	-1.18925	0.805899	0.937495	-1.06677	0.766486	0.970044	1.03097	0.509463	1.04963	1.04963	0.779866	0.270044	0.307795	1.73	1
cg24241455	KLHL20		0.642604	0.648409	0.900219	-1.11084	0.720467	0.708576	1.08576	0.784636	0.939202	-1.06473	0.269438	0.767334	-1.30321	0.744052	1.08108	1.08108		0.798918	1.06019	-1.06019	0.897588	1.02992	1.02992	0.071352	1.58589	1.58589	0.847767	1.04499	1.04499	0.779866	0.647584	0.73812	1
cg21358278	RNF5;RNF5P1		0.642626	0.998124	1.00024	1.00024	0.963758	1.02568	1.02568	0.670264	1.56908	1.56908	0.190269	0.709609	-1.40909	0.167626	0.71858	-1.39161	0.702815	0.792706	1.26177	0.261121	0.45995	-2.17391	0.709912	0.97418	-1.02642	0.909989	1.1131	1.1131	0.779875	1.03837	1.23115	1
cg25137841	PLA2G3		0.642631	0.51761	0.689946	-1.44939	0.152584	0.37939	0.37939	0.815963	1.141	1.141	0.743623	0.83054	-1.20404	0.205073	0.469323	2.13073		0.684208	1.26031	1.26031	0.63547	1.31019	1.31019	0.413819	0.623535	-1.60423	0.692075	0.798347	-1.25259	0.779821	1.95337	4.5063	1
cg02938066	NFKBL2		0.642631	0.521174	0.686894	-1.45583	0.119198	2.65556	2.65556	0.454482	0.646616	-1.54651	0.699616	0.799374	-1.25098	0.720504	0.812611	-1.2306	0.896851	1.07779	1.07779	0.337636	1.77876	1.77876	0.871339	0.910633	-1.09814	0.390906	0.601854	-1.66153	0.779821	4.11997	4.6962	1
cg13394310	PNPLA6;PNPLA6;PNPLA6;PNPLA6;PNPL A6		0.642635	0.602133	0.915794	-1.09195	0.278272	0.828167	-1.20749	0.277812	1.20772	1.20772	0.475393	1.12905	1.12905	0.389545	1.15889	1.15889		0.226046	1.23688	1.23688	0.630092	0.922054	-1.08454	0.597818	1.09311	1.09311	0.97798	1.00463	1.00463	0.779792	0.345401	0.393724	1
cg12217960	IQSEC3;IQSEC3		0.642657	0.466934	1.89727	1.89727	0.253675	0.25365	0.25365	0.763023	0.786769	-1.28079	0.772904	1.26719	1.26719	0.241697	0.645205	-1.54961	0.582348	0.634728	-1.5758	0.290669	0.407619	2.45327	0.413283	0.581284	0.715178	0.681	1.46753	0.779783	0.87155	0.942889	1
cg14505616	C18orf1;C18orf1 PLEKHG5;PLEKHG5;PLEKHG5;PLEKHG5; PLEKHG5		0.642659	0.868467	1.04104	1.04104	0.249291	1.3394	1.3394	0.048109	1.73017	1.73017	0.789508	1.06709	1.06709	0.889149	0.966722	-1.03442	0.506417	1.17775	1.17775	0.540716	1.16217	1.16217	0.660648	1.11317	1.11317	0.760377	1.00718	1.00718	0.779758	0.729153	0.829134	1
cg17589124	PLEKHG5		0.642663	0.869918	0.947777	-1.0551	0.929731	1.02928	1.02928	0.63435	0.854874	-1.16976	0.356029	0.732946	-1.36436	0.636102	1.1688	1.1688		0.0638428	0.505734	-1.97732	0.638061	0.856363	-1.16773	0.541821	0.817013	-1.22397	0.303187	0.70538	-1.41768	0.779773	1.32264	1.50773	1
cg13525639	SMURF1;SMURF1		0.642664	0.898965	0.945156	-1.05803	0.623521	1.24569	1.24569	0.187096	1.86062	1.86062	0.890151	1.06328	1.06328	0.435358	0.702295	-1.4239		0.427936	0.698107	-1.43244	0.504638	0.759536	-1.31659	0.237963	1.73135	1.73135	0.424711	1.4362	1.4362	0.779773	0.243511	2.77587	1
cg29947138	KASA3		0.642666	0.329272	0.743473	-1.34547	0.253675	0.325361	1.32481	0.248498	0.729	1.37181	0.848498	0.729	1.37181	0.848498	0.729	1.37181	0.730684	1.08532	1.08532	0.112883	0.624535	1.60156	0.27457	0.73645	1.35797	0.73645	1.35797	0.779765	0.48605	0.473844	1
cg16525999	CEP135		0.642683	0.0972551	0.754509	-1.32537	0.484885	1.11612	1.11612	0.948866	0.990122	-1.00998	0.998

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(1247T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(527T vs. N)	Fold-Change(1-vs-527T vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-5 vs. N)	p-value(5637T vs. N)	Fold-Change(1-vs-5637T vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error)
cg14251405	FOXD4		0.6443367											0.946094	1.02265	1.02265	0.325585	1.40409	1.40409	0.3218444	1.75192	1.75192	0.3018389	1.42992	1.42992	0.778734	1.37881	1.57385	1
cg19569081	PPRC1		0.6443375		0.6426092	0.8184443	-1.22183	0.9075055	0.9514417	-1.05106	0.3267667	1.54348	1.54348	0.355989	0.6656515	-1.50237	0.9348059	0.965561	-1.03567	0.1276666	0.4935534	-2.0262	0.226599	0.58025	-1.72339	0.801925	1.11378	1.11378	0.8675159	0.9303743	-1.07441	0.778723	2.26828	2.58757	1
cg27536708	RECQL;GOLT1B;RECQL;GOLT1B		0.6443381		0.3234044	0.855876	-1.16839	0.2501651	1.20126	1.20126	0.4990038	0.8898537	-1.11292	0.6854669	1.0641	1.0641	0.8542127	0.9723324	-1.02846	0.3089663	1.17429	1.17429	0.470476	1.11854	1.11854	0.6637732	0.935429	-1.06903	0.2598113	1.17889	1.17889	0.7787713	0.2871154	0.3277824	1
cg09556042	HLA-C		0.6443395		0.7755315	1.6494	1.6494	0.792826	0.630816	-1.58524	0.823917	1.47711	1.47711	0.433105	0.406804	0.45603	0.138445	0.0612988	-16.3135	0.3652329	0.196231	-5.09023	0.73632	1.80682	1.80682	0.224572	0.107021	-9.32747	0.6910315	2.012338	2.012338	0.786093	37.786	43.1333	1
cg24733934	HPCAL4		0.6443407		0.5308822	0.787799	-1.26936	0.278888	1.52632	1.52632	0.130463	1.84702	1.84702	0.667984	0.8503355	-1.17598	0.347692	0.695418	-1.43798	0.6416614	1.19255	1.19255	0.675623	1.17128	1.17128	0.693618	0.861789	-1.160398	0.926135	1.035445	1.035445	0.776376	1.74053	1.98688	1
cg23130967	ZNF488		0.6443414		0.8496501	0.9283318	-1.07722	0.1834571	1.74365	1.74365	0.729386	1.41563	1.41563	0.501275	1.30673	1.30673	0.691803	0.8554418	-1.16902	0.4308469	1.37044	1.37044	0.105197	2.00145	2.00145	0.688507	1.1731	1.1731	0.627398	0.8525541	1.221133	0.778665	1.8945	2.16267	1
cg15157468	DYNLL1;SRSF9		0.6443431		0.9645992	1.01096	1.01096	0.5193	1.17401	1.17401	0.199207	1.39531	1.39531	0.7140055	0.91359	-1.09458	0.752606	0.9252586	-1.08075	0.1001062	1.55636	1.55636	0.584098	1.1454	1.1454	0.971323	1.00887	1.00887	0.296478	1.304551	1.304551	0.778642	0.7436576	0.8489273	1
cg08405219	PM20D2		0.6443431		0.1036561	0.708555	-1.41313	0.6784555	0.1246746	-1.08408	0.1610508	0.8537105	-1.22388	0.5916775	0.900489	-1.11051	0.217225	0.777784	-1.28571	0.1318552	0.828326	-1.21355	0.731886	0.9323775	-1.07253	0.579945	0.8979433	-1.11429	0.5575118	1.121568	1.121568	0.7786339	0.642099	0.5275218	1
cg02462195	ADAMTS5 NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR		0.6443455		0.3095882	0.7536614	-1.32694	0.31242	0.7098801	-1.40885	0.479097	0.7898781	-1.26621	0.86754	0.946716	-1.05628	0.981984	1.00743	1.00743		0.2195229	0.654736	-1.52733	0.719284	0.896229	-1.11579	0.731115	1.11981	1.11981	0.779868	1.59559	1.59559	0.778604	1.3269	1.51485	1
cg06613263	3C1;NR3C1		0.6443456		0.2803313	0.354423	-2.82149	0.5816346	0.5978881	-1.67257	0.376294	2.31456	2.31456	0.756353	0.750004	-1.33333	0.307363	0.376553	-2.65567	0.336284	0.399958	-2.50026	0.146781	0.2370065	-4.21826	0.421364	0.4680311	-2.13661	0.8586466	0.8480883	-1.17913	0.7786031	10.5352	12.0274	1
cg22932215	CDP5B PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1;		0.6443461		0.209918	0.4745203	-2.10747	0.4803051	0.667145	-1.49892	0.315613	1.7957	1.7957	?	?	?	0.8188118	1.1382	1.1382		0.2834668	0.533286	-1.87517	0.612027	0.749342	-1.3345	0.503252	1.46706	1.46706	0.924794	0.948125	-1.05471	0.764416	3.42541	4.48108	1
cg23822052	PRICKLE1;PRICKLE1		0.6443467		0.279271	0.8148331	-1.22725	0.6464511	0.919361	-1.08771	0.921198	0.9821492	-1.01818	0.5108559	1.12908	1.12908	0.566746	0.8999556	-1.11117	0.35257	1.19022	1.19022	0.399081	0.85457	-1.17018	0.99503	1.00113	1.00113	0.1830448	1.29329	1.29329	0.778587	0.4086838	0.46653	1
cg21155380	SPOCK3;SPOCK3		0.6443469		0.5097915	1.50975	1.50975	0.6961	1.25505	1.25505	0.2905	0.9924543	2.92062	0.2740964	1.92969	1.92969	0.179181	2.28072	2.28072		0.5936348	1.36373	1.36373	0.344264	1.82503	1.82503	0.747408	1.20565	1.20565	0.778583	4.13036	4.71553	1
cg13540795	ZNF432		0.6443447		0.7577831	0.9424157	-1.06111	0.6270527	0.8844315	-1.13108	0.3473653	1.28198	1.28198	0.5128406	1.20385	1.20385	0.3946559	1.38198	1.38198	0.502826	0.981119	-1.01958	0.9621581	1.1242	1.1242	0.7596663	1.0606	1.0606	0.778582	0.6452933	0.5175514	1
cg26965597	LOC401463 TCF7L2;TCF7L2;TCF7L2;TCF7L2;TCF7L2;		0.6443447		0.11806	0.42833	-2.33443	0.1287044	0.4403335	-2.271	0.57439	0.7531777	-1.32771	0.445957	0.678346	-1.47417	0.451925	0.681928	-1.46643	0.3448803	0.615032	-1.62593	0.278201	0.569342	-1.75641	0.396489	0.6480277	-1.54303	0.7571082	0.856438	-1.16763	0.778582	3.07709	3.51304	1
cg07861463	TCF7L2		0.6443449		0.3947955	0.025232	1.053232	0.9315018	0.9674416	-1.03368	0.6667911	1.18169	1.18169	0.743872	0.7370799	-1.35667	0.9384972	1.0302	1.0302		0.1280553	1.8853	1.8853	0.595785	1.57936	1.57936	0.225101	1.63422	1.63422	0.4820005	1.317093	1.317093	0.778552	1.831667	2.091225	1
cg12382902	CCND2		0.6443494		0.2358388	1.37819	1.27819	0.16319	0.74405	-1.344	0.6394621	1.0977	1.0977	0.9100337	1.02258	1.02258	0.2688888	0.79652	-1.25546	0.6810766	1.08507	1.08507	0.967662	0.992022	-1.00804	0.6288111	1.10102	1.10102	0.670833	1.08813	1.08813	0.778547	0.4813314	0.54953	1
cg17154563	PSMC4;PSMC4		0.6443496		0.3372	0.58026	-1.72386	0.2742294	0.960956	-1.04065	0.120172	2.52923	2.52923	0.916193	1.08965	1.08965	0.966738	1.02322	1.02322		0.8645999	0.910334	-1.0985	0.361071	0.59643	-1.67664	0.297781	1.81142	1.81142	0.7998977	1.15005	1.15005	0.778544	3.73581	4.26529	1
cg07164211	CACNA2D1		0.6443501		0.4600552	0.646942	-1.54753	0.0529861	0.577565	1.57765	0.461326	1.54453	1.54453	0.741135	1.21187	1.21187	0.566153	1.39958	1.39958		0.9268883	1.05465	1.05465	0.675647	1.27624	1.27624	0.885673	1.08097	1.08097	0.868378	0.90733	-1.10213	0.778536	4.14309	4.73034	1
cg22030183	KBTBD11		0.6443504		0.8587225	0.9648666	-1.03678	0.5524375	0.827562	-1.20852	0.2134498	1.35796	1.35796	0.5139763	1.0994808	-1.06836	0.166828	0.9015831	-1.10926	0.3810046	1.34126	1.34126	0.754154	1.44044	1.44044	0.4002	1.47365	1.47365	0.778533	1.142765	1.139459	0.778533	1.142765	1.139459	1
cg14046986	RCSD1		0.6443514		0.6743375	0.831673	-1.2024	0.287955	0.618077	-1.61792	0.109688	0.46742	-2.13941	0.575395	0.781292	-1.27993	0.604347	0.796145	1.25605		0.2372321	0.582731	-1.71606	0.975376	1.01355	1.01355	0.798826	0.894597	-1.11782	0.419111	1.43316	1.43316	0.778518	2.34519	2.67767	1
cg18089324	ORC3L;ORC3L;RARS2		0.6443516		0.1091302	0.109302	0.736301	0.9137321	-1.07374	0.95766	1.0134	0.1210124	0.49997	0.865778	-1.15503	0.8804708	1.02991	1.02991		0.5147203	1.13886	1.13886	0.713779	0.925383	-1.08053	0.5556113	1.57864	1.57864	0.60301	1.11678	1.11678	0.778517	0.546315	0.623767	1
cg26405978	FADS1		0.6443532		0.515165	0.70949	1.4101	0.2324605	1.684073	-1.46808	0.2675925	1.02149	1.02149	0.7145293	1.18398	1.18398	0.5108625	0.9832216	-1.01659	0.4172821	0.717972	-1.39281	0.3882006	0.702794	-1.42287	0.9054141	0.9539308	-1.04866	0.2938447	1.641059	1.641059	0.778509	1.9697	2.24898	1
cg20438663	CACNB3		0.6443525		0.31987	0.6599002	-1.51538	0.6639382	1.19334	1.19334	0.380336	1.43582	1.43582	0.564183	0.7899888	-1.26584	0.136873	0.523097	-1.91169	0.810443	0.907403	-1.10205	0.941095	0.9705558	-1.03034	0.28379	0.6374439	-1.56878	0.4515153	0.733303	-1.36369	0.778502	2.0162	2.30208	1
cg00722631	SMOX		0.6443535		0.7804083	0.744443	-1.34314	0.776028	0.90324	-1.10523	0.9139787	0.9027906	-1.0777	0.8653664	0.9888843	-1.01126	0.2426563	0.8509984	-1.17509	0.1249494	-8.00039	0.335119	2.98311	2.98311	0.4973943	0.5174585	1.932437	0.5174585	1.932437	0.778501	0.9120156	-1.09642	0.778464	13.3777	14.29197	1
cg11166348	CAMTA1		0.6443566		0.9806648	0.994788	-1.00524	0.2607526	0.728479	-1.28749	0.510181	1.15458	1.15458	0.544916	1.14111	1.14111	0.5365	1.14436	1.14436		0.6659001	1.0981	1.0981	0.242748	1.70249	1.70249	0.2140071	1.33476	1.33476	0.778441	0.572193	0.653378	1
cg07464591	WNK1		0.6443571		0.53847	0.833979	-1.19907	0.593967	0.854835	-1.16982	0.154828	1.55869	1.55869	0.569181	1.18259	1.18259	0.956089	0.984078	-1.01618	0.19146	1.4965	1.4965	0.972081	0.98985	-1.01025	0.584306	0.85125	-1.17474	0.5167733	0.825627	-1.2112	0.778443	1.04755	1.1962	1
cg10744714	FAM20C		0.6443591		0.979572	1.010384	1.010384	0.37226	0.7877	1.58077	0.292851	1.55307	1.55307	0.2814381	1.41188	1.41188	0.7750766	1.02113	1.02113		0.5531624	1.12782	1.12782	0.3706104	0.8562242	1.16781	0.3706104	0.8562242	1.16781	0.778437	1.44575	1.44575	0.407946	1.32001	1.37804	0.2912	1
cg23896353	MTMR1		0.6443598		0.3099111	0.2742113	-3.64683	0.449115	0.386528	-2.58514	0.74554	0.66967	-1.49327	0.3649232	1.29575	1.29575	0.697812	0.6185201	-1.61681	0.0685042	0.107414	-9.30979	0.8546644	1.25334	1.25334	0.788156	1.39325	1.39325	0.828356	1.30652	1.30652	0.778394	18.6928	21.3463	1
cg07805604	CCSC106		0.6443603		0.7182221	0.881131	-1.13488	0.6443798	0.5248134	-1.90443	0.0035	0.6893	-1.45047	0.0944118	0.03929	-2.62959	0.0159318	0.185158	-5.41594	0.0042784	0.0001766	0.0000866	0.0077664	0.1486	-6.73055	0.0268653	0.1457	0.1457	0.0000866	0.1457	0.1457	0.778385	0.1457	0.1457	1
cg05591545	DTX4		0.6443612		0.7529631	0.85521	-1.1693	0.0901413	0.396452	-2.52237	0.882786	1.07582	1.07582	0.3792337	1.5634	1.5634	0.436933	0.675134	0.148119		0.8651297	1.08786	1.08786	0.409058	0.6581885	-1.51932	0.69267	1.21748	1.21748	0.520761	0.72437	-1.38051	0.778373	1.02513	3.45465	1
cg24509637	ADX1		0.6443613		0.40892	2.12218	2.12218	0.16463	0.2669915	-3.74651	0.396107	0.4610272	-2.16886	0.4162391	2.09642	2.09642	0.863314	0.8576932	-1.16592		0.730427	1.36089	1.36089	0.313593	0.395142	-2.53073	0.630075	0.14085	0.14085	0.727158	1.36624	1.36624	0.778371	0.78417	11.1734	1
cg06160771	ARSJ		0.6443615		0.4790986	0.8008	1.24875	0.1992	1.53792	1.53792	0.1455	1.16319	1.16319	0.7515312	0.9815837	-1.01926	0.581004	0.8020312	-1.24671	0.4172001	0.4172001	0.4172001	0.4172001	0.4172001	0.4172001	0.4172001	0.4172001	0.4172001	0.778368	1.1022	1.1022	0.778368	1.1022	1.1022	1
cg22733687	PGR		0.6443623		0.9536414	1.02879	1.02879	0.0582935	2.84108	2.84108	0.631764	1.26571	1.26571	0.749911	1.16889	1.16889	0.96084	1.02425	1.02425		0.2437231	1.582731	-1.71606	0.975376	1.01355	1.01355	0.798826	0.894597	-1.11782	0.419111	1.14149	1.14149	0.778357	2.93564	3.35252	1
cg04584264	KCNN2;KCNH2		0.6443624		0.29907	0.4644	-2.15385	0.3830174	0.643373	-1.54273	0.957933	1.0207	1.0207	0.8650999	0.976378	1.024919	0.9665096	1.04532	1.04532		0.5762643	1.36156	1.36156	0.481004	0.7884727	-1.25946	0.7948727	-1.25946	0.7948727	0.778355	0.67967	4.02023	1
cg13082654	PCNT		0.6443626		0.184336	2.02096	2.02096	0.398826	1.53956	1.53956	0.517312	1.38819	1.38819	0.8095167	1.1285	1.1285	0.875837	0.911946	1.09656		0.5555076	1.74206	1.74206	0.134572	0.530703	1.37343	1.37343	0.484189	0.49405	-2.02041	0.804184	1.10597	0.778352	1.07744	3.51448	1
cg05485520	LZTFL1		0.6443634		0.391019	0.87281	-1.14572	0.5971199	0.108605	1.08605	0.485201	0.11503	1.11603	0.661837	1.06899	1.06899	0.899498	1.01975	1.01975		0.4231003	0.881048	-1.13501	0.134236	0.7788227	-1.28398	0.598954	0.921141	-1.08561	0.4182892	1.13657	1.13657	0.778341	0.295337	0.337284	1
cg18245502	MPI		0.6443641		0.4779914	0.9129	1.1129	0.873182	1.030506	-1.03295	0.319533	0.8906889	-1.03446	0.3283898	0.9564888	-1.04546	0.6627967	0.861088	-1.16125	0.2002772	0.1022722	-9.78422	0.1051	0.7078952	-1.41313	0.4344126	0.9034325	-1.10705	0.7738312	0.8789815	-1.13777	0.644126	0.8789815	-1.13777	0.644126	0.778341	0.270933	0.309422	1
cg02920502	PICALM;PICALM;PICALM;PICALM		0.6443649		0.3921558	0.625331	-1.59921	0.970738	0.980546	-1.01984	0.840254	0.897548	-1.11415	0.9803731	1.01326	1.01326	0.9604303	0.3681892	-2.716		0.907321	0.939533	-1.06436	0.14501	0.432472	-2.31229	0.618647	0.764333	-1.30833	0.68873	1.24067	1.24067	0.778318	0.535665	4.03794	1
cg04072321	SPHKAP;SPHKAP;SPHKAP;SPHKAP		0.6443657		0.512472	0.6842	-1.46237	0.4779502	0.1536615	1.36415	0.2576818	1.23644	1.23644	0.4996133	1.19684	1.19684	0.552558	1.16663	-1.16663		0.4909111	0.592248	-1.68868	0.408635	0.561589	-1.78066	0.340493	0.2808363	-3.56082	0.2883641	0.4149224	1.17584	1.17584	0.778306	0.8864	2.08049	1
cg07066178	NHSL2		0.6443666		0.2221655	0.116101	-8.61321	0.789113	1.56817	1.56817	0.778182	1.60635	1.60635	0.155642	12.8042	12.8042	0.331889	5.36769	5.36769		0.5268226	0.340889	-2.93351	0.529795	0.3436021	-2.91036	0.941322	0.883776	-1.13151	0.9721911	0.943174	-1.06025	0.778302	34.7207	39.654	1
cg14515794	NDST1		0.6443683		0.6854063	0.849206	-1.16522	0.213709	1.414462	1.414462	0.623748	0.8242508	0.845235	0.6984287	0.6944283	0.845235	0.9160942	-1.09165		0.8279582	0.915571	-1.0851	0.1137665	0.4878353	0.5220212	-1.91563	0.885701	0.9475134	-1.05546	0.7597932	1.12465	1.12465	0.778293	1.14945	1.19832	1
cg20778788	SLCO2A1		0.6443687		0.19148	4.27345	4.27345	0.228328	2.83972	2.83972	0.170156	0.4583853	0.4583853	0.402096	2.37398	2.37398	0.3734575	1.24596	1.24596		0.6548387	1.60415	1.60415	0.272565	2.15405	2.15405	0.145793	0.5163	0.5163	0.288855	3.17019	3.17019	0.778271	1.35966	1.5.5201	1
cg07180984	BAIAP2;BAIAP2;BAIAP2;BAIAP2		0.6443686		0.5006691	0.754624	-1.32516	0.94771	1.02779	1.02779	0.361915	1.47939	1.47939	0.709016	1.16959	1.16959	0.113376	0.486763	-2.05439		0.929729	0.963812	-1.03755	0.203853	0.5709966	-1.75142	0.715317	0.858065	-1.16541	0.8228767	0.913459	-1.09474	0.778263	2.15259	2.45857	1
cg09036558	WWP2;WWP2		0.6443693		0.7273636	0.8148	1.2148	0.268077	1.274407	1.274407	0.1809043	0.8284665	0.828465	0.5225126	0.8151111	1.22572	0.7001772	0.8109222	-1.23773		0.746204	0.788394	1.2757	0.1425127	0.7766204	0.8079199	1.24197	0.8641198	0.9202092	-1.08661	0.9069002	1.05841	1.05841	0.778251	0.9026	3.31462	1
cg19244477	GPI;GPI		0.6443695		0.68925	2.15136	2.15136	0.512701	0.724586	-1.3801	0.743676	0.852815	-1.17259	0.743038	1.17307	1.17307	0.2000424	0.482449	2.48449		0.2629999	1.76164	1.76164	0.656998	1.24217	1.24217	0.864198	0.9202092	-1.08661	0.9069002	1.05841	1.05841	0.778251	2.90206	3.31462	1
cg06396641	ETV5		0.6443697		0.5056278	0.714516	-1.39954	0.7203147	1.1963	1.1963	0.159839	0.4735242	0.4735242	0.311182	0.4747815	0.694711	-1.43945	0.9374439	1.03986	1.03986		0.5882283	0.761827	-1.31263	0.8894413	1.07169	1.07169	0.3243111	1.74142	1.74142	0.246139	0.546779	-1.82889	0.778243	3.05358	3.46779	1
cg20106907	SRPR8		0.6443704		0.2831096	0.645919	-1.54845	0.2610454	0.514693	1.514493	0.4881893	1.288311	1.288311	0.9040564	1.04342	1.04342	0.5185532	0.7929999	-1.26103		0.8766064	1.94458	1.94458	0.06557	0.3840029	2.728845	-1.37202	0.3904026	0.36595	-2.73202	0.3677351	0.7202262	1.38838	0.7782361	1.54773	1.75779	1
cg27164044	ZNF14		0.6443718		0.3349053	0.824766	-1.21247	0.631697	0.910672	-1.09809	0.769794	1.0585	1.0585	0.770305	1.05837	1.05837	?	?	?		0.8394554	1.04009	1.04009	0.3979	0.845602	-1.18259	0.328137	1.216	1.216	0.1817138	1.31609	1.31609	0.7640311	0.4037777	0.528483	1
cg18311066	WRAP53;TP53;WRAP53;TP53;WRAP53; TP53;TP53;WRAP53;WRAP53;WRAP53		0.6443718		0.206011	1.38361	1.38361	0.401569	1.23241	1.23241	0.379029	1.24566	1.24566	0.126715	1.49494	1.49494	0.350575	1.26347	1.26347		0.675339	1.10797	1.10797	0.836424	0.950923	-1.05161	0.749827	0.925086	-1.08098	0.3193001	1.28468	1.28468	0.778216	0.7302212	0.8340558	1
cg00172020	SERP1;EIF2A		0.6443726		0.67002	0.911207	-1.09744	0.509071	0.864877	-1.15623	0.49054	1.16433	1.16433	0.876127	0.966753	-1.03439	0.683085	1.09288	1.09288		0.7683003	0.937955	-1.06615	0.227867	1.31836	1.31836	0.34326	1.24217	1.24217	0.147796	1.40527	1.40527	0.780509	0.568421	0.566433	1
cg23066421	C5orf35		0.6443733		0.8709799	1.04415	1.04415	0.738694	1.09306	1.09306	0.446707	1.22891	1.22891	0.672698	0.893214	-1.11955	0.576866	0.8608868	-1.16162		0.6117334	0.872801	-1.14574	0.158774	0.670102	-1.49231	0.139371	0.655218	-1.52621	0.471624	0.8231158	-1.21483	0.7781199	0.8705884	0.994416	1
cg07461771	ATCH1		0.6443735		0.9045577	1.01775	1.01775	0.175728	1.31972	1.31972	0.1284528	1.203435	1.37267	0.1729737	1.37267	1.37267	0.2559711	1.31972	1.31972		0.8139705	0.833737	-1.2289	0.729197	0.9312269	-1.0854	0.7173507	1.08743	1.08743	0.402676	1.22395	1.22395	0.778187	0.6861887	0.7838001	1
cg01963976	TPPP2		0.6443743		0.4824	0.827402	1.20748	0.02748	1.53009	1.53009	0.0004	1.10484	0.99077	0.9996603	-1.0004	0.825968	0.9660062	-1.03513	0.424641	0.8799992	-1.13637	0.2934154	0.842919	-1.18635	0.60663	1.08484	1.08484	0.888494	0.841461	-1.18841	0.8889224	0.745143	-1.34202	0.778184	0.3029866	0.346089	1
cg27166673	ARHGAP6;ARHGAP6		0.6443744		0.3231987	0.6851	-1.45985	0.3384636	0.775256	-1.29056	0.4714154	0.5224202	0.5224202	0.3804747	0.6081312	0.52257	0.2844137	0.8004497	-1.25016	0.2407736	0.2407736	0.2407736	0.2407736	0.2407736	0.2407736	0.2407736	0.2407736	0.2407736	0.778179	0.8161638	0.7267	0.778179	0.8161638	0.7267	1
cg07887891	UBP1;UBP1;UBP1		0.6443745		0.9960124	0.996625	-1.00339	0.80097	1.18637	1.18637	0.356072	1.90072	1.90072	0.6217	1.40005	1.40005	0.0873717	0.2789912	0.585636		0.5754666	1.46638	1.46638	0.557902	1.49321	1.49321	0.446174	1.69108	1.69108	0.737939	1.25506	1.25506	0.778176	0.64137	0.644398	1
cg23354106	NDUFS7		0.6443753		0.3725631	0.127467	1.21467	0.415765	1.119327	1.19327	0.831426	1.04633	1.04633	0.147864	0.7190557	-1.39071	0.783493	0.943167	-1.06026	0.60336	0.896421	-1.11779	0.41667	0.838332	-1.19285	0.291028	0.79234	-1.26209	0.8062259	0.949139	-1.05359	0.778164	0.556189	0.635329	1
cg23755720	FBXL2		0.6443776		0.7021198	1.1151	1.1151	0.5481941	1.022358	1.022358	0.788171	1.1036	1.1036	0.5135045	1.25855	1.25855	0.2155055	1.14283	1.14283		0.3530019	0.709412	-1.41882	0.818243	1.1777	1.1777	0.5335907	1.43796	1.43796	0.778154	1.61453	1.88643	1
cg19884484	ZFP41		0.6443777		0.4272527	0.760044	-1.31571	0.420197	1.3215	1.3215	0.414952	1.32587	1.32587	0.295382	1.44385	1.44385	0.717235	1.13101	1.13101		0.495582	1.26393	1.26393	0.330944	1.40434	1.40434	0.2394	0.658099	-1.51745	0.996462	0.9985	-1.0015	0.77814	1.1421	1.16308	1
cg20584997	FLAD330		0.6443780		0.5480464	0.744919	-1.34233	0.52542	1.40406	1.40406	0.279071	1.83037	1.83037	0.894534	1.07246	1.07246	0.4544171	0.9609097	-1.04055		0.154592	0.447725	-2.23311	0.764516	1.13708	1.13708	0.6797015	1.30462	1.30462	0.406702	0.639127	-1.56463	0.778114	1.3294	1.91583	1
cg07333037	SKA2;SKA2;PIR11		0.6443778		0.311083	0.849409	-1.17779	0.585576	1.108777	1.08977	0.913057	1.0172	1.0172	0.485221	0.895173	-1.1171	0.3847287	0.860195	-1.16253		0.2374616	0.824269	-1.2132	0.857188	0.972266	-1.02853	0.8612332	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(3353 vs. N)	Fold-Change(1-vs-3353 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg05946081	RBM41;RBM41;CCBL2;CCBL2	0.644261	0.219778	1.709908	1.35152	3.144677	0.796744	-1.25511	0.309552	0.782364	-1.17838	0.198591	0.728216	-1.37322	0.528498	0.861504	-1.16076	0.10959	0.65712	-1.52179	0.531325	0.862407	-1.15955	0.702218	0.940227	-1.06357	0.716368	0.918348	-1.08891	0.777415	0.6710313	0.767229	1
cg12398238	TMUB2;TMUB2;TMUB2;C17orf65	0.644266	0.775697	1.092119	1.09219	0.983445	0.993615	-1.00643	0.266045	1.43011	1.43011	0.677307	1.1379	1.1379	0.163048	0.631525	-1.58347	0.24273	0.685655	-1.45846	0.590002	0.84542	-1.18284	0.763874	0.911194	-1.09746	0.465074	0.794928	-1.25798	0.774408	1.173326	1.34151	1
cg04559647	LHPP;LHPP	0.644269	0.82022	1.0329	1.0329	0.127631	0.791183	-1.26393	0.854218	1.0265	1.0265	0.996132	1.00069	1.00069	0.911669	1.0159	1.0159	0.642024	0.935259	-1.06922	0.7928	1.03814	1.03814	0.936115	1.01146	1.01146	0.121558	1.26952	1.26952	0.777403	0.249802	0.284617	1
cg03048895	TRIM2	0.644279	7	7	7	0.500009	0.612959	-1.63143	0.511261	1.62719	1.62719	0.563594	1.53211	1.53211	0.419539	0.547342	-1.82701	0.382363	0.51963	-1.92445	0.213064	0.383574	-2.60706	0.240221	0.407014	-2.45603	0.980166	1.01833	1.01833	0.763188	5.737001	7.531717	1
cg07275436	BUD13;BUD13	0.644279	0.144937	0.487173	-2.05266	0.307318	0.615417	-1.62491	0.144251	0.486488	-2.05555	0.629282	0.799756	-1.25038	0.941324	0.96675	-1.03439	0.280113	0.597046	-1.67491	0.541569	0.752655	-1.32826	0.843364	1.09533	1.09533	0.366532	0.653021	-1.53135	0.773388	2.598111	2.97075	1
cg02542955	PTPRS;PTPRS;PTPRS;PTPRS	0.644281	0.166808	1.13076	1.13076	0.8948	0.98903	-1.01109	0.90665	0.990267	-1.00983	0.162263	1.13247	1.13247	0.793277	0.978341	-1.02214	0.806568	0.979754	-1.02066	0.527205	0.947989	-1.05447	0.439918	0.936438	-1.06788	0.571148	0.953401	-1.04888	0.777385	0.085586	0.097862	1
cg15018486	MICAL2	0.644289	0.696804	1.1433	1.1433	0.323827	0.705743	-1.41695	0.621565	0.843515	-1.18552	0.748521	1.11629	1.11629	0.131159	0.572683	-1.74617	0.955926	1.01908	1.01908	0.395505	1.34664	1.34664	0.270689	0.675551	-1.48027	0.692079	0.87272	-1.14584	0.777373	1.44015	1.64674	1
cg14406256	ALG10	0.644301	0.653842	1.82631	-1.2102	0.399283	0.694342	-1.44013	0.317761	1.30176	1.30176	0.667442	0.893017	-1.20046	0.79123	0.864384	-1.15689	0.691304	0.801242	-1.24805	0.918152	0.6465417	-1.54569	0.13577	0.506869	-1.9729	0.142296	0.513296	-1.9482	0.777356	2.1995	2.51508	1
cg23272098	PAK1;PAK1	0.644315	0.847971	1.10854	1.10854	0.511585	0.142667	1.42967	0.853593	1.1043	1.1043	0.77706	1.47736	1.47736	0.920673	-1.08616	0.447338	1.51562	1.51562	0.53264	1.40402	1.40402	0.264075	1.86832	0.941787	1.33535	2.33535	0.10707	2.57159	0.575159	0.777336	5.49111	4.05843	1
cg25282783	IGF2BP3	0.644336	0.206836	0.764463	-1.30811	0.824962	0.956296	-1.0457	0.319408	1.23065	1.23065	0.170097	0.744093	-1.34284	0.955058	0.988695	-1.01143	0.702016	0.925377	-1.08064	0.299192	0.804872	-1.24243	0.836048	1.04269	1.04269	0.528467	0.879116	-1.13751	0.777304	0.5010452	0.57298	1
cg04157938	PLEKHA5;PLEKHA5	0.644337	0.509824	1.353	1.353	0.495528	0.90632	-1.04776	0.799218	1.1288	1.1288	0.729521	1.09994	1.09994	0.479519	0.947919	-1.05509	0.736662	0.85846	-1.16488	0.688084	0.34222	2.92307	0.971416	0.511454	1.95468	0.783368	0.882832	-1.13272	0.977303	2.517221	2.87867	1
cg26370158	LYST	0.644346	0.491946	1.17654	1.17654	0.543754	0.886629	-1.1539	0.800945	0.942852	-1.06061	0.622574	1.1225	1.1225	0.555252	0.871584	-1.14734	0.105861	1.50899	1.50899	0.945642	0.10161	0.509032	0.855528	-1.16887	0.377964	0.810007	0.123456	0.777289	0.607935	0.763834	1
cg07183320	RBL1	0.644353	0.529443	0.935487	-1.11051	0.505627	0.894831	-1.11753	0.423379	0.874123	-1.144	0.841409	0.967575	-1.03351	0.688141	1.08064	1.08064	0.460992	1.15143	1.15143	0.167062	1.27424	1.27424	0.368822	0.859104	1.164	0.407888	0.860981	-1.14945	0.777284	0.333251	0.381101	1
cg05110405	SPI	0.644361	0.135863	0.540882	1.84883	0.534582	0.78624	-1.27188	0.451177	0.748053	-1.34213	0.604388	0.818848	-1.22123	0.083087	0.840126	-1.02879	0.288133	0.655941	-1.52453	0.763438	0.890992	-1.12234	0.683775	0.855053	-1.16952	0.764839	0.891624	-1.12155	0.777267	1.79991	2.0584	1
cg15697160	NIPAL3	0.644366	0.850564	0.861417	-1.16088	0.250683	0.58405	2.58405	0.53809	1.65232	1.65232	0.935817	1.06578	0.81867	0.862554	-1.15935	0.676705	0.193297	3.39329	0.341236	1.63098	0.613208	1.62992	0.920047	0.925264	-1.08077	0.869508	1.13565	1.13565	0.777214	1.367977	0.42665	1
cg20095128	STARD13;STARD13;STARD13	0.644398	0.101538	0.606595	-1.64855	0.307244	0.744732	-1.34277	0.353175	1.30525	1.30525	0.546163	1.18595	1.18595	0.913321	0.970094	-1.03083	0.799866	0.931613	-1.07341	0.792768	1.07618	1.07618	0.806695	1.07075	1.07075	0.725009	1.1035	1.1035	0.777213	0.957133	1.09466	1
cg10202461	CHRNA4	0.644416	0.625929	0.702128	-1.42424	0.609793	0.690364	-1.44851	0.262686	0.431429	-2.31788	0.264483	0.434552	-2.30222	0.371265	0.516399	-1.93649	0.960748	0.965192	-1.03606	0.0770743	0.242903	-4.11687	0.768186	1.21391	1.21391	0.588061	0.674575	-1.48242	0.777187	6.37845	7.2952	1
cg07801983	CR(CREM;CREM;CREM;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg17341345	CCNH		0.504273	0.598108	-1.67194	0.61443	0.680164	-1.47023	0.350172	2.07383	2.07383	0.90187	1.08808	1.08808	0.180149	2.87223	0.348161	2.87223	0.313823	0.453792	-2.20365	0.235128	0.389136	-1.56079	0.376526	0.502424	-1.99035	0.907876	1.091777	0.775736	7.06811	8.0991	1
cg03050491	IRAK1;IRAK1;MIR718;IRAK1		0.445416	0.429803	0.328142	-3.04746	0.873719	0.802586	-1.24597	0.958201	0.930097	-1.07536	0.214135	0.10069	0.610369	0.157384	0.808928	0.808928	0.288743	0.218125	-4.58452	0.840926	1.32029	1.32029	0.97182	1.05005	0.915227	0.860095	-0.16266	0.775712	23.4861	26.9127	1
cg14949231	STOX2		0.645418	0.787561	1.06412	1.06412	0.601137	1.12903	1.12903	0.8856141	1.54833	1.54833	0.465038	1.18658	1.18658	0.455086	0.839409	-1.19131	0.555486	0.87179	-1.14707	0.423565	1.20691	1.20691	0.725757	0.922165	-1.0844	0.715289	1.08794	1.08794	0.775709	0.650408	0.745306	1
cg18964454	ZW10		0.645436	0.870048	1.0306	1.0306	0.273843	0.798201	-1.25201	0.345041	0.824889	-1.21228	0.858012	1.03608	1.03608	0.071675	0.676163	-1.48898	0.136168	0.821769	-1.21589	0.992499	0.998141	-1.00186	0.759311	0.940984	-1.06272	0.682812	0.921895	-1.08472	0.755682	0.481333	0.551581	1
cg15476790	TNS1		0.445447	0.454499	0.670017	-1.4925	0.319219	0.582122	-1.71785	0.328538	0.588555	-1.69908	0.868746	1.09082	1.09082	0.209556	0.499333	2.00267	0.384391	0.625758	-1.59806	0.285286	0.55802	-1.79205	0.203452	0.712652	1.22052	0.172556	0.775666	3.3947	3.88961	1
cg10833829	GABARAPL1		0.645466	0.940341	1.0212	1.0212	0.388017	1.25133	1.25133	0.6713911	1.14045	1.14045	0.512277	1.16459	1.16459	0.115232	0.647924	-1.54339	0.832007	0.947591	-1.05551	0.851315	0.953561	-1.0487	0.952709	0.980083	-1.01534	0.218788	0.72053	-1.38787	0.575653	0.788701	0.904083	1
cg26419621	SNHG3-RCC1;SNHG3;SNHG3-RCC1;SNHG3-RCC1		0.645469	0.203366	0.61326	-1.63063	0.984877	0.993138	-1.00691	0.512629	1.27282	1.27282	0.544961	0.800463	-1.24928	0.139663	0.561352	-1.78141	0.658057	1.17564	1.17564	0.972461	0.987538	-1.01262	0.38545	0.668291	-1.49635	0.936804	1.02923	1.02923	0.775634	1.63121	1.85793	1
cg02750828	TOLLIP		0.645471	0.987958	1.00332	1.00332	0.712952	0.922048	-1.08454	0.688252	0.915224	-1.09263	0.504156	1.16053	1.16053	0.341409	1.24026	1.24026	0.635777	1.11047	1.11047	0.709744	0.972207	0.919072	-1.09803	0.767291	0.936901	-1.06735	0.75631	0.592595	0.679126	1
cg04050898	ZFAT;ZFAT		0.645479	0.5754	0.806722	-1.23958	0.639407	1.19614	1.19614	0.0754967	2.11907	2.11907	0.74228	1.13342	1.13342	0.88624	0.94712	-1.05583	0.648627	1.19019	1.19019	0.451333	1.3381	1.3381	0.673527	0.85144	-1.17448	0.45359	0.748452	-1.33609	0.77562	1.76942	2.02782	1
cg16356456	CLIP2;CLIP2		0.645493	0.34311	2.02482	1.98	0.5967	0.438939	-1.39656	0.374432	0.87139	-1.14759	0.446527	0.880534	1.04025	0.803829	0.605353	-1.50977	0.347742	0.62927	-1.58915	0.495403	0.43704	-2.30785	0.156171	0.864942	-2.0685	0.401492	0.662718	1.50894	0.775598	2.81967	3.23154	1
cg21030483	TMEM185A		0.645539	0.134018	0.262756	-3.80581	0.540251	0.598118	-1.66996	0.997379	1.00272	1.00272	0.276175	2.55192	2.55192	0.858985	0.864052	-1.15734	0.238633	0.360315	-2.77535	0.388003	0.48106	-2.07874	0.871422	0.874617	-1.14336	0.880709	0.883203	-1.13224	0.775533	0.840186	0.929955	1
cg13191129	ACVR1B;ACVR1B;ACVR1B		0.645542	0.22365	0.505887	-1.97673	0.804476	1.14134	1.14134	0.614934	0.765774	-1.30587	0.991699	0.994421	-1.00556	0.820878	1.12848	1.12848	0.244447	0.522557	-1.91367	0.383028	1.61091	1.61091	0.31922	1.74278	0.472216	1.47673	1.47673	0.775526	3.48943	3.9995	1
cg07466166	TAF9B		0.645552	?	?	?	0.260874	0.213566	-4.48238	0.708844	1.63859	1.63859	0.198117	5.99382	5.99382	0.899764	1.18046	1.18046	?	?	?	0.955625	0.929358	-1.07601	0.606268	0.504354	-1.98273	0.720348	13.1831	24.4013	1
cg26619047	CXCC5		0.645554	0.793712	1.2057	1.2057	0.95301	0.81588	-1.04296	0.986282	1.01235	1.01235	0.452854	1.72608	1.72608	0.526321	0.632515	-1.58099	0.128742	0.309791	-3.22798	0.447213	0.575248	-1.73838	0.157369	0.33984	-2.94256	0.897108	0.911789	-1.09674	0.755509	0.25768	7.17255	1
cg26911873	ZNF345		0.645554	0.828026	0.873482	-1.14484	0.664461	0.763236	-1.31365	0.659163	0.757703	-1.31978	0.942252	0.957354	1.04613	0.280204	0.503498	-1.98611	0.872856	0.908889	-1.10012	0.0528484	0.25268	-3.95757	0.274471	0.491257	-2.03599	0.577932	0.703734	-1.42089	0.75709	4.9065	5.50096	1
cg21603133	SNF8		0.645557	0.189295	1.94222	1.94222	0.277826	0.71387	1.71387	0.258606	1.75541	1.75541	0.388541	1.52483	1.52483	0.421161	0.675497	-1.48039	0.933521	0.960955	-1.04063	0.522275	1.36287	1.36287	0.639823	0.798519	-1.25232	0.960371	0.976559	-1.024	0.775504	2.79918	3.20844	1
cg25990771	FAM5C		0.645558	0.916564	1.01142	1.01142	0.917894	0.988888	-1.01124	0.135629	1.1094	1.1094	0.356096	0.902347	-1.10834	0.279058	1.13222	1.13222	0.533797	1.07068	1.07068	0.712153	0.960634	-1.04098	0.453207	0.920878	-1.08592	0.719835	1.03768	1.03768	0.775503	0.144245	0.165335	1
cg22780000	PHF5A;ACO2		0.645579	0.842928	1.0712	1.0712	0.87079	0.967019	-1.03411	0.180766	1.04014	1.04014	0.862066	1.03648	1.03648	0.583886	0.888061	-1.12605	0.225557	0.769352	-1.2998	0.687272	1.08648	1.08648	0.473546	0.860554	-1.16204	0.302353	1.24624	1.24624	0.775473	0.521297	0.597539	1
cg07125278	RLTPR		0.645613	0.320429	1.78863	1.78863	0.291525	0.538012	-1.85869	0.28951	0.536512	-1.86389	0.210795	2.11018	2.11018	0.652276	0.773446	-1.29292	0.918431	1.05973	1.05973	0.890571	0.924998	-1.08108	0.729172	1.21756	1.21756	0.549717	1.40887	1.40887	0.775422	3.93933	4.51577	1
cg01576340	CTNNBIP1;CTNNBIP1		0.645625	0.333927	4.3078	4.3078	0.373554	0.840242	-1.46187	0.29645	0.656545	-1.52352	0.145372	2.98545	2.98545	0.616692	0.785435	-1.27324	0.172047	0.79431	1.25916	0.53986	0.20481	4.87967	0.116715	0.474642	2.10705	0.259999	0.568228	1.75862	0.775184	29.5114	16.6157	1
cg24830410	RAB6A;RAB6A		0.645639	0.969829	0.992304	-1.00776	0.828934	1.04519	-1.04519	0.182792	1.33482	1.33482	0.447543	0.853737	-1.17132	0.711924	1.07871	1.07871	0.797358	1.05397	1.05397	0.354739	0.822912	-1.2152	0.758643	0.938083	-1.06498	0.164526	0.35384	0.775388	0.532455	0.587473	1
cg04444207	LDLRAD3		0.645658	0.119952	0.610119	0.637653	0.102158	0.358159	-2.79149	0.156402	0.277636	-3.60266	0.127632	0.602744	0.602744	0.072627	0.102158	0.387441	0.576309	1.73718	1.73718	0.387441	0.576309	1.73718	0.816605	0.585436	-1.15549	0.864776	1.009218	1.009218	0.775356	4.52804	5.44856	1
cg07535057	SLC30A5;SLC30A5;SLC30A5		0.645658	0.121452	0.622628	-1.6061	0.517599	1.20336	1.20336	0.898414	1.0367	1.0367	0.497785	0.823466	-1.21438	0.267894	0.722043	1.38496	0.654865	0.880763	-1.13538	0.670361	1.12843	1.12843	0.771406	1.08568	1.08568	0.475527	1.22722	1.22722	0.775355	0.97786	1.12105	1
cg23008789	GPR123		0.645667	0.431616	2.2975	2.2975	0.913274	0.899233	-1.11953	0.850033	1.21673	1.21673	0.587786	1.7633	1.7633	0.287666	1.31957	1.31957	0.189062	0.236467	-4.22891	0.338953	2.77731	2.77731	0.484559	2.08788	2.08788	?	?	?	0.76106	11.5083	15.1205	1
cg25331919	LIPG		0.645668	0.389188	0.535626	1.87598	0.468119	0.584814	-1.70995	0.885761	1.11012	1.11012	0.507253	1.1029	1.1029	0.0996124	0.906722	-1.10296	0.146545	0.322251	-3.10317	0.222348	0.359789	-2.53943	0.241822	0.410155	-2.43576	0.917286	1.07841	1.07841	0.775413	6.48454	7.4732	1
cg26392545	LNX2		0.645682	0.46704	0.671364	-1.4895	0.333178	0.711159	-1.71159	0.888947	1.07812	1.07812	0.102402	0.382026	-2.61763	0.468512	0.672279	-1.48748	0.782193	0.861393	-1.16091	0.82764	1.12456	1.12456	0.354883	0.599058	-1.66929	0.567303	0.732504	-1.36518	0.775321	3.55914	4.08048	1
cg23096297	DIDO1;DIDO1;DIDO1;DIDO1		0.645689	0.889995	0.970716	-1.03025	0.524573	0.84843	-1.18443	0.783288	1.16822	1.16822	0.569026	1.00296	1.00296	0.997553	1.07055	1.07055	0.952386	1.0229	1.0229	0.554026	0.87662	-1.13686	0.790748	0.840844	1.62374	0.615308	0.705008	0.565606	0.644866	1
cg14011663	FZD5		0.645702	0.74133	0.843315	-1.1858	0.234046	1.89987	1.89987	0.254719	0.542376	-1.84373	0.508095	0.703659	-1.42114	0.881467	1.07978	1.07978	0.877833	1.08235	1.08235	0.994057	0.996176	-1.00384	0.170714	0.472139	-2.11802	0.579384	1.33381	1.33381	0.77529	1.24973	1.72589	1
cg07960762	PALMD;PALMD;PALMD;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	T(Test)	S(Test)	S(Error)	F(Error
cg22944368	PFKFB2;PFKFB2	0.6465	0.892084	0.947562	-1.05536	1.109051	1.99876	1.99876	0.516591	1.29772	1.29772	0.917642	1.03149	1.010496	0.510576	1.767613	1.302774	0.748138	0.880145	-1.13618	0.553385	0.788809	-1.26773	0.212958	1.68168	1.68168	0.852634	1.07647	0.774115	1.92538	2.21085	1
cg08195491	NOD2	0.6465	0.688123	0.750379	-1.33266	0.348346	0.503006	-1.98805	0.479754	1.66744	1.66744	0.900135	1.09346	1.039346	0.380539	0.527209	1.89678	0.164968	0.348469	-2.86969	0.169837	0.353231	-2.83081	0.102598	0.620839	-1.61072	0.901645	1.09198	1.09198	0.774102	6.20987	7.1307	1
cg11368182	SHC2	0.6465	0.905238	1.07679	1.07679	0.7258291	3.41271	3.41271	0.365113	1.78264	1.78264	0.823432	0.870375	-1.14893	0.539316	0.679717	-1.4712	0.949247	1.04034	1.04034	0.342831	1.83511	1.83511	0.495631	1.53695	1.53695	0.885343	0.9141221	-1.093395	0.774095	4.73128	5.4329	1
cg20134305	DAG1;DAG1	0.6465	0.522519	1.2299	1.2299	0.6572	0.867506	-1.15327	0.988806	1.00449	1.00449	0.684547	1.1393	1.11993	0.976574	0.990708	-1.00938	0.438665	1.28687	1.28687	0.142495	1.65424	1.65424	0.171138	0.627975	-1.59242	0.9762	1.00957	1.00957	0.734077	1.24976	1.43516	1
cg12061021	RWDD3;RWDD3	0.6465	0.941409	1.01033	1.01033	0.951681	0.98692	-1.01144	0.821321	0.968868	-1.03213	0.677852	0.943269	-1.06014	0.617825	0.932089	-1.07286	0.869241	1.0233	1.0233	0.336264	0.870358	0.870358	-1.14869	0.232484	1.19131	1.19131	0.118438	1.26743	1.26743	0.704058	0.239637	0.275187	1
cg06584807	CTS2;CTS2	0.6465	0.686755	1.2654	1.2654	0.499414	0.671601	-1.48898	0.738164	1.21506	1.21506	0.879827	0.915904	-1.09182	0.947358	0.267829	-3.73572	0.924255	1.05677	-1.05677	0.826566	0.880371	-1.13588	0.698383	1.25369	1.25369	0.973375	1.01808	1.01808	0.740035	4.13286	4.74611	1
cg03033975	GTPBP5	0.6465	0.323522	0.672224	-1.4876	0.662998	1.18624	1.18624	0.19162	1.71336	1.71336	0.96235	1.01856	1.01856	0.502966	0.767376	-1.30314	0.249318	0.625638	-1.59837	0.370972	0.699199	-1.43021	0.904749	0.954442	-1.04773	0.544967	0.78771	-1.2695	0.774024	1.85983	2.13582	1
cg21983155	MLXIPL;MLXIPL;MLXIPL;MLXIPL	0.6458	0.36035	1.30949	1.30949	0.648122	0.880708	-1.13545	0.798869	0.935094	-1.07458	0.395316	1.28159	1.28159	0.215301	0.692266	-1.44453	0.466572	1.23216	1.23216	0.165447	0.7913	-1.26374	0.32307	0.750779	-1.33195	0.82239	1.06542	1.06542	0.779997	0.977793	1.11834	1
cg01984656	CSNK1D;CSNK1D	0.6457	0.784179	1.10841	1.10841	0.0851228	2.04157	2.04157	0.825465	1.08636	1.08636	0.736296	1.1351	1.1351	0.273616	0.653272	-1.53287	0.522595	0.784312	-1.275	0.954167	0.978681	-1.02178	0.788171	1.10624	1.10624	0.529397	1.27309	1.27309	0.773987	1.72311	1.97802	1
cg20631270	GPLD1	0.6466	0.319127	1.87075	1.87075	0.882611	1.09409	1.09409	0.985506	1.01112	1.01112	0.0908599	0.321854	-3.107	0.642648	1.32894	1.32894	0.437656	1.61908	1.61908	0.484431	1.54101	1.54101	0.861535	0.899198	-1.1121	0.904784	0.929758	-1.07555	0.779968	4.54041	5.21458	1
cg08578864	F12	0.6466	0.0973222	2.574545	-1.73824	0.575195	1.87279	1.87279	0.145555	0.934004	0.974698	-1.02575	0.914743	0.445241	0.637409	1.62667	1.62667	0.820256	1.22096	1.22096	0.343603	0.507547	0.813534	-1.22955	0.593615	0.847615	-1.17978	0.357463	1.05794	1.05794	0.773663	0.154983	0.178344	1.32649	1
cg07713849	ITPR3	0.6466	0.891607	1.07904	1.07904	0.446802	0.5413	0.510451	1.4513	1.4513	0.510451	1.4513	0.542873	1.53211	0.520559	0.487444	-2.05152	0.618372	1.3234	1.3234	0.225658	0.491684	-2.03383	0.40665	1.6058	1.6058	0.846493	0.897504	-1.1142	0.779356	3.81569	4.38231	1
cg27369488	UTS2D;CCDC50;CCDC50	0.6464	0.999721	1.00023	1.00023	0.521434	0.654749	-1.5273	0.612244	2.22441	2.22441	0.442563	1.66569	1.66569	0.791957	0.641784	-1.55802	0.994209	1.00579	1.00579	0.992475	0.990715	0.990715	-1.00945	0.403975	0.590816	-1.69229	0.945262	1.88418	1.88418	0.737909	5.20555	5.97894	1
cg22482502	KCND3;KCND3	0.6464	0.797661	1.25403	-1.12798	0.50979	0.730934	-1.36811	0.149668	2.06283	2.06283	0.991	0.999413	-1.00059	0.870812	0.926545	-1.07928	0.791879	1.13198	1.13198	0.102105	2.31334	2.31334	0.717723	1.18551	1.18551	0.95981	0.976655	-1.0239	0.773898	2.69322	3.0934	1
cg07374247	HIST1H2AM;HIST1H2AM;HIST1H2BO	0.6466	0.389477	0.828357	-1.20721	0.654109	0.908189	-1.10109	0.69233	1.08863	1.08863	0.618956	1.113	1.113	0.8000004	1.0557	1.0557	0.881737	0.968713	-1.0323	0.817147	0.951748	-1.0507	0.208239	1.32751	1.32751	0.114887	1.44208	1.44208	0.708868	0.558839	0.6419	1
cg06836497	YTHDF2;YTHDF2	0.6466	0.715261	1.70568	-1.42538	0.346021	2.52209	2.52209	0.170067	1.56115	1.56115	0.8848	1.28948	1.28948	0.644631	0.617497	-1.55783	0.95299	1.04528	1.04528	0.75924	0.795685	0.795685	-1.28024	0.291025	0.91925	0.40206	2.62723	2.62723	0.773852	11.1654	12.8251	1
cg08331196	SH3PXD2A	0.6468	0.813842	0.861027	-1.1614	0.248351	0.465114	-2.15001	0.103608	0.323328	-3.09282	0.498143	1.54688	1.54688	0.819644	0.879396	-1.13714	0.557164	1.45736	1.45736	0.375624	0.561698	-1.78032	0.616353	0.725162	-1.379	0.8837	0.911331	-1.0973	0.737849	4.93158	5.66471	1
cg25928301	TTC15	0.6468	0.302376	0.80962	-1.16055	0.191579	1.45741	1.45741	0.186722	1.4642	1.4642	0.644045	0.880945	-1.13514	0.518612	1.19516	1.19516	0.378334	0.781738	-1.27932	0.617668	1.14694	1.14694	0.531104	1.18868	1.18868	0.521315	1.19364	1.19364	0.773845	0.909676	1.04491	1
cg08163339	FOXC2	0.6469	0.700403	0.620791	-1.61085	0.641652	1.02004	1.02004	0.170067	1.56115	1.56115	0.8848	1.28948	1.28948	0.644631	0.617497	-1.55783	0.95299	1.04528	1.04528	0.75924	0.795685	0.795685	-1.28024	0.291025	0.91925	0.40206	2.62723	2.62723	0.773852	11.1654	12.8251	1
cg17868942	ADRB1;ADRB1	0.6470	0.220799	0.808076	-1.23751	0.221345	1.23716	1.23716	0.656608	1.07689	1.07689	0.554987	1.1039	1.1039	0.821752	1.03806	1.03806	0.758391	0.950204	-1.05241	0.738289	1.05708	1.05708	0.41829	0.872035	-1.14674	0.288062	1.20033	1.20033	0.773816	0.335896	0.385846	1
cg04403629	ZBTB20	0.6470	0.292292	2.69868	-2.03903	0.554982	1.47627	1.47627	0.124824	0.95635	0.95635	0.768506	1.21234	1.21234	0.21826	2.32764	2.32764	0.136997	2.84341	2.84341	0.297369	1.18276	1.18276	0.840983	1.14003	1.14003	0.801111	1.17901	1.17901	0.773813	0.2159	0.59157	1
cg11482066	H2AFY;H2AFY;H2AFY;H2AFY	0.6471	0.994101	1.00482	1.00482	0.313646	0.507657	-1.96584	0.468083	0.618358	-1.61656	0.777487	1.20239	1.20239	0.833361	1.1469	1.1469	0.861827	1.12	1.12	0.15259	0.360984	-2.70941	0.304693	1.99671	1.99671	0.427231	1.69444	1.69444	0.773805	5.18673	5.95812	1
cg06531176	TERT;TERT	0.6472	0.636953	0.840852	-1.19003	0.237537	1.35095	1.35095	0.0944	1.31055	1.31055	0.900256	0.902076	-1.10855	0.323996	0.896864	-1.11575	0.522323	0.555273	-1.80092	0.947731	0.960583	-1.0758	0.341005	0.414905	-2.41019	0.935544	0.928822	1.076631	0.773803	10.8877	12.5159	1
cg02305242	FLRT2	0.6472	0.977119	0.98978	-1.01032	0.284539	0.671548	-1.4891	0.353652	1.40749	1.40749	0.27468	1.50242	1.50242	0.90402	1.04415	1.04415	0.965219	0.984503	-1.01574	0.882042	0.948209	-1.05462	0.56257	1.23329	1.23329	0.135226	1.7802	1.7802	0.773781	1.57212	1.80599	1
cg24442435	RBM18;RBM18	0.6472	0.534573	0.75971	-1.31629	0.711956	1.17592	1.17592	0.777609	1.1317	1.1317	0.573595	1.28205	1.28205	0.21373	0.564363	-1.77191	0.230713	1.73217	1.73217	0.335712	0.648073	-1.54304	0.467401	1.38132	1.38132	0.725133	0.857059	-1.16678	0.73778	2.33974	2.6878	1
cg26847100	SLC44A2;SLC44A2	0.6473	0.633357	1.16002	1.16002	0.517569	1.22464	1.22464	0.744301	0.908448	-1.10638	0.901383	0.962542	-1.03903	0.8778	0.927401	-1.07819	0.672513	1.14033	1.14033	0.0775584	1.83309	1.83309	0.799003	1.08161	1.08161	0.296315	0.715704	1.39721	0.773777	1.16926	1.34321	1
cg00745100	TP53I11;TP53I11	0.6473	0.308759	0.684158	-1.46165	0.210409	1.60888	1.60888	0.732898	0.883884	-1.13137	0.865125	0.940584	-1.06317	0.184576	0.602257	-1.66042	0.835976	1.07756	1.07756	0.381288	1.38205	1.38205	0.762847	0.896693	-1.11521	0.956399	1.0216	1.0216	0.775776	1.59104	1.82774	1
cg16368591	WSP1	0.6474	0.850909	0.947417	-1.05571	0.778307	1.689244	1.689244	0.140087	0.950307	0.950307	0.745654	1.83166	1.83166	0.032018	1.58894	1.58894	0.323893	0.801	0.801	0.0139	0.630843	0.810788	-1.23337	0.553492	0.755418	-1.32385	0.3357	1.13507	1.13507	0.823954	0.213666	0.239758	1.53621	1
cg09118017	CASZ1	0.6476	0.823755	1.15198	1.15198	0.6694743	1.62528	1.62528	0.611582	1.38378	1.38378	0.167893	1.28708	1.28708	0.154015	2.540115	2.540115	0.576657	1.43008	1.43008	0.194135	0.933879	0.933879	-1.07071	0.601271	0.8819	0.1803	2.370423	2.370423	0.774268	0.972483	0.566361	1
cg26481727	ANKRD11	0.6476	0.723985	1.23458	1.23458	0.122854	2.70084	2.70084	0.164267	2.41579	2.41579	0.867434	1.10439	1.10439	0.726739	0.811782	-1.23186	0.466198	1.55383	1.55383	0.596161	1.37419	1.37419	0.509098	1.48895	1.48895	0.490455	0.659476	-1.51636	0.773719	4.3286	4.97292	1
cg16719582	FBXL1	0.6479	0.191911	1.73177	-1.69253	0.0742	2.53738	2.53738	0.138193	2.709	2.709	0.883975	1.03204	1.03204	0.889782	0.881782	-1.14188	0.628471	1.35106	1.35106	0.142065	1.64815	1.64815	0.247257	1.02031	1.02031	0.861392	1.896816	1.896816	0.773813	1.33707	1.56301	1
cg12927358	CUTA;CUTA;CUTA;CUTA;CUTA TRIM23;Clorf44;TRIM23;TRIM23;CSorf	0.6477	0.173386	0.804608	-1.24284	0.663725	0.936456	-1.06786	0.29837	0.850632	-1.1756	0.614228	0.926571	-1.07925	0.30822	0.853608	-1.1715	0.203109	0.817396	-1.2234	0.988412	1.00218	1.00218	0.292694	0.848886	-1.17801	0.571687	1.08956	1.08956	0.773711	0.275997	0.317083	1
cg10166159	44;Clorf44;Clorf44	0.6478	0.612179	1.26656	1.26656	0.286043	1.66882	1.66882	0.329208	1.59273	1.59273	0.927689	1.04285	1.04285	0.382006	0.660727	-1.51348	0.552416	1.32025	1.32025	0.946245	0.969314	-1.03166	0.418699	1.46513	1.46513	0.120353	2.17878	2.17878	0.773702	2.61797	3.00773	1
cg10912307	SIB1	0.6481	0.855254	1.12138	1.12138	0.109217	2.99146	2.99146	0.0974331	1.13002	1.13002	0.849746	1.12635	1.12635	0.962362	1.03005	1.03005	0.493278	1.54729	1.54729	0.9119	0.932919	-1.0719	0.841159	1.13416	1.13416	0.807902	0.858282	-1.16512	0.773701	4.8231	5.54115	1
cg16138212	EFEMP1;EFEMP1;EFEMP1	0.6483	0.396393	0.770702	-1.29756	0.5125	1.71701	1.71701	0.455448	1.34478	1.34478	0.741318	1.40812	1.40812	0.522591	1.18726	1.18726	0.269034	1.59515	1.59515	0.147191	0.546446	-1.83336	0.835194	1.09407	1.09407	0.931428	0.967491	-1.0336	0.779699	1.80676	2.1378	1
cg20482390	C20orf195	0.6489	0.701449	1.32846	1.32846	0.0985137	0.262923	-3.80339	0.204237	0.372366	-2.68553	0.853021	0.872191	-1.14654	0.49081	0.537129	-1.86175	0.789116	1.21854	1.21854	0.308423	0.459645	-2.17559	0.645627	0.710771	-1.40692	0.673488	0.731626	-1.36682	0.773669	6.66176	7.65367	1
cg16560861	PPP3R1	0.6490	0.464794	0.849181	-1.17775	0.5	0.803191	-1.24491	0.521485	0.776364	0.776364	0.611996	0.42933	-2.32933	0.257724	-3.87994	0.257724	0.486484	1.18354	1.18354	0.33	0.7	0.7	-1.42857	0.2	0.5	-2	0.5	0.5	0.773702	0.15234	0.16364	1
cg01786109	PLEKHM2	0.6498	0.855892	-1.09511	-1.04481	0.554585	1.01381	1.01381	0.369351	1.25414	1.25414	0.513966	0.849955	-1.17653	0.910533	0.972769	-1.02799	0.917634	0.974912	-1.02573	0.0682106	0.605583	-1.6513	0.809854	0.94251	-1.061	0.499868	1.1832	1.1832	0.773673	0.739249	0.849338	1
cg23450097	ADPRH	0.6480	0.84036	1.10146	1.10146	0.44451	0.638129	-1.45279	0.0540609	0.550743	-2.85109	0.733366	0.848882	-1.17802	0.384298	0.652186	-1.53331	0.86436	0.921342	-1.08537	0.77997	1.14361	1.14361	0.703552	1.20104	1.20104	0.934095	0.961668	-1.03986	0.773672	2.83119	3.23213	1
cg04617917	GAUN79	0.6482	0.776028	1.08555	1.08555	0.6429536	1.32536	1.32536	0.511205	1.24105	1.24105	0.731026	1.20857	1.20857	0.207023	1.6123	1.6123	0.185475	0.401836	-2.48796	0.333853	0.523587	-1.9099	0.40751	0.576946	-1.73327	0.114294	1.32789	1.32789	0.040881	0.977657	0.931651	0.93259	1
cg26074940	SLC25A26;SLC25A26;SLC25A26	0.6482	0.390683	1.5439	1.5439	0.7982	0.870762	-1.14842	0.769618	1.15606	1.15606	0.435213	1.4816	1.4816	0.359551	1.430619	1.430619	0.203049	1.94161	1.94161	0.12788	2.25425	2.25425	0.935358	1.04087	1.04087	0.249176	1.81257	1.81257	0.773641	2.98763	3.43261	1
cg12700755	MORN1	0.6483	0.332369	1.33702	1.33702	0.5	0.6997	-1.42906	0.367705	0.688594	-1.45158	0.468358	0.958568	-1.04326	0.418836	0.387577	0.703804	0.155416	2.58116	2.58116	0.0015	0.802074	0.802074	-1.24683	0.387231	0.596124	1.67755	0.802074	0.802074	0.773677	1.16926	1.34321	1
cg14185122	INTS6;INTS6;INTS6	0.6483	0.668971	0.930584	-1.07459	0.650673	0.926584	-1.07923	0.242828	0.815105	-1.22684	0.488454	1.12493	1.12493	0.488489	1.12492	1.12492	0.835976	1.07756	1.07756	0.381288	1.38205	1.38205	0.762847	0.896693	-1.11521	0.956399	1.0216	1.0216	0.775776	1.59104	1.82774	1
cg19331221	SEMA4B	0.6484	0.545733	1.45709	1.45709	0.649449	0.625503	-1.59871	0.622083	0.735508	-1.35961	0.660457	1.36879	1.36879	0.174624	1.910398	1.910398	0.703804	1.2651	1.2651	0.1881	0.888273	-1.12537	0.554918	1.24027	1.24027	0.0784553	1.44237	0.91894	0.937795	-1.06633	0.779592	4.64389	5.19402	1
cg00706837	ADAMTS2;ADAMTS2	0.6487	0.495772	0.72561	-1.82609	0.905391	1.10916	1.10916	0.579223	1.26458	1.26458	0.617282	1.63167	1.63167	0.29057	0.588738	-2.57243	0.566141	1.40789	1.40789	0.39929	1.65331	1.65331	0.611498	1.34778	1.34778	0.482738	1.51536	1.51536	0.773556	4.15921	4.77932	1
cg22310744	ARHGEF10	0.6488	0.951265	0.965014	-1.03625	0.171114	0.427832	-2.33737	0.564483	1.4041	1.4041	0.174914	2.3179	2.3179	0.927088	0.948068	-1.05478	0.563461	1.40789	1.40789	0.39929	1.65331	1.65331	0.611498	1.34778	1.34778	0.482738	1.51536	1.51536	0.773556	4.15921	4.77932	1
cg20842889	ZFYVE21;ZFYVE21;ZFYVE21	0.6489	0.717779	1.43804	1.43804	0.7	1.27135	1.27135	0.548083	2.69081	2.69081	0.39623	1.32048	1.32048	0.307467	0.552237	1.81112	0.243644	2.04535	2.04535	0.1933	1.7	1.7	-1.42857	0.2	0.5	-2	0.5	0.5	0.773736	0.779138	0.87457	1.12205	1
cg25314520	NLN;SGTB	0.6488	0.437854	1.23532	1.23532	0.683821	1.1147	1.1147	0.246005	1.37955	1.37955	0.274282	0.739575	-1.35213	0.934923	1.02189	1.02189	0.460378	0.892486	-1.22057	0.927159	0.976043	-1.02455	0.666296	0.891315	-1.12194	0.220116	1.40765	1.40765	0.773544	0.861622	0.9901	1
cg23488190	PDLIM2	0.6490	0.234755	0.826036	-1.21047	0.408967	0.777778	-1.02273	0.805085	0.962918	-1.03851	0.888442	0.979253	-1.02119	0.811149	1.0264	1.0264	0.662626	0.974406	-1.02621	0.0503343	0.716596	-1.39549	0.915797	0.991011	-1.00907	0.918146	1.01547	1.01547	0.773522	0.733449	0.814117	1
cg10304803	TBC1D	0.6490	0.307961	0.737083	1.3567	0.988822	1.00406	1.00406	0.923429	1.13036	1.13036	0.975283	1.009	1.009	0.58605	0.913033	-1.17229	0.615316	1.15773	1.15773	0.454436	1.77707	1.77707	0.970568	1.03072	1.03072	0.599271	1.16564	1.16564	0.773582	1.02373	1.17441	1
cg10067304	KCNQ2;KCNQ2;KCNQ2;KCNQ2	0.6492	0.326202	0.665112	-1.50351	0.729528	1.14985	1.14985	0.515471	1.30382	1.30382	0.798049	1.10866	1.10866	0.483283	0.750793	-1.33192	0.779259	1.11968	1.11968	0.263678	0.627711	-1.59309	0.157245	0.544161	-1.83769	0.578739	1.25312	1.25312	0.773497	0.982609	2.27848	1
cg05476130	CGGBP1;CGGBP1;CGGBP1;CGGBP1	0.6492	0.105709	0.853534	-1.17181	0.144328	1.51432	1.51432	0.243851	1.61148	1.61148	0.622864	1.55056	1.55056	0.0775	0.642453	-1.5561	0.523217	1.40461	1.40461	0.389409	0.572248	-1.74755	0.324353	1.1502	1.1502	0.160969	0.499765	1.64761	1.64761	0.773682	1.68082	2.47994	1
cg09724853	TRIM26	0.6493	0.963404	0.980919	-1.01945	0.952786	1.02517	1.02517	0.437745	1.39567	1.39567	0.441691	0.718651	-1.3915	0.722227	1.1618	1.1618	0.395185	0.69283	-1.44336	0.109843	2.09953	2.09953	0.85682	0.926961	-1.07879	0.492898	0.746005	-1.34047	0.775614	2.12008	2.12599	1
cg21443274	ZFP42	0.6493	0.846068	0.909312	1.1063	0.408456	0.644394	-1.55185	0.713308	0.825402	-1.21143	0.82152	1.12461	1.12461	0.717496	0.469405	-2.13235	0.808984	1.17681	1.17681	0.485981	1.10269	1.10269	0.12326	0.512415	-1.95154	0.974478	0.93941	0.93941	0.773521	0.954224	1.08202	1
cg25832180	MAGI2	0.6494	0.802521	0.945869	-1.05723	0.135689	0.699691	-1.4292	0.979101	1.00583	1.00583	0.320428	1.25609	1.25609	0.385584	0.820776	-1.21836	0.832285	0.953994	1.04822	0.556678	0.876319	-1.14114	0.924935	1.15199	1.15199	0.321019	0.796359	-1.25572	0.773477	0.604202	0.694356	1
cg18689248	HDGF2;HDGF2;HDGF2;HDGF2	0.6495	0.570047	1.10122	1.10122	0.246349	1.72585	1.72585	0.24548	1.22635	1.22635	0.441575	1.14089	1.14089	0.261562	0.821471	-1.21733	0.516338	1.11687	1.11687	0.09134	1.00182	1.00182	0.727143	1.06061	1.06061	0.26557	1.21509	1.21509	0.773474	0.345631	0.397205	1
cg24694694	PNNC1	0.6496	0.217652	0.843819	-1.18567	0.573871	1.24133	1.24133	0.0757824	1.04132	1.04132	0.775784	1.04136	1.04136	0.977407	0.960453	-1.04121	0.515981	1.06968	1.06968	0.614544	1.813055	1.813055	0.955917	-1.04214	0.402858	1.186	1.186	0.773464	0.209966	0.241208	1
cg07680032	MAR5	0.6496	0.441941	0.432078	1.12115	0.246929	0.841418	-1.18847	0.992724	0.9987	-1.0013	0.414451	1.12634	1.12634	0.921084	1.01423	1.01423	0.171691	0.8126	-1.23062	0.921608	0.98606	-1.01414	0.681475	0.94284	-1.06063	0.305829	0.859664	-1.16325	0.773466	0.249162	0.286344	1
cg07223177	CHST7	0.6497	0.58245	1.25494	1.25494	0.5	0.731214	1.36798	0.685159	1.45944	1.45944	0.612662	1.31464	1.31464	0.867828	0.871817	1.4003	0.113447	0.49192	-2.03293	0.411168	0.521473	-1.91768	0.331152	1.07291	1.07291	0.647983	1.47746	1.47746	0.773455	0.773549	0.914117	1
cg15076659	SLC9A1	0.6497	0.356812	0.674276	-1.48307	0.21721	1.71585	1.71585	0.400793	1.42996	1.42996	0.536344	1.29744	1.29744	0.386007	1.4471	1.4471	0.886266	1.06132	1.06132	0.24195	0.600909	-1.66414	0.946262	0.972358	-1.02843	0.89597	1.05591	1.05591	0.773449	2.11842	2.4346	1
cg09307883	ANAPC2	0.6498	0.133867	0.173942	-5.74903	0.329797	0.336891	-2.96832	0.698606	0.52339	1.52339	0.650234	1.63861	1.63861	0.911457	0.891059	-1.12226	0.5005	2.09552	2.09552	0.321165	0.329933	-3.03092	0.625857	1.60734	1.60734	0.60793	1.75035	1.75035	0.773436	14.3367	16.4768	1
cg27618811	FXR2;FXR2;SIBLG	0.6498	0.464104	0.870043	-1.14935	0.657138	0.895193	-1.7038	0.178846	1.44566	1.44566	0.614482	1.16682	1.16682	0.694744	0.804005	-1.24319	0.907943	1.03004	1.03004	0.115532	1.5428	1.5428	0.734179	1.13481	1.13481	0.806558	0.993919	-1.00478	0.837754	1.04153	1.04153	0.773429	0.802064	0.921797	1
cg21794767	C7orf58;C7orf58	0.6497	0.35895	0.505422	-1.97855	0.403374	0.53871	-

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg22979123	PAQR5;PAQR5	0.647525	0.707524	1.24705	0.677861	1.27746	0.277436	1.27746	0.648353	1.27746	0.764402	1.30887	0.2830443	1.302296	1.92E-06	1.04951	1.04951	1.04951	0.402187	1.65301	1.65301	0.0703941	1.14605	1.14605	0.577573	1.39071	1.39071	0.28351	1.92165	0.272607	4.20495	4.83782	1
cg13369206	RNASEH1	0.647542	0.405145	1.30309	0.303309	0.1610392	0.5924	1.5924	0.323853	1.3726	1.3726	0.695811	0.885032	-1.1299	0.78769	0.9195509	-1.08754		0.589467	0.84423	-1.18451	0.569238	0.836272	-1.19578	0.770441	0.913067	-1.09521	0.346471	0.739823	-1.35167	0.772582	1.18214	1.36011	1
cg08230990	KIAA1161	0.647545	0.72884	1.07804	0.778204	0.962076	0.989786	-1.01032	0.207886	0.750718	-1.33206	0.556814	0.13691	1.13691	0.526165	1.14876	1.14876		0.44797	1.18173	1.18173	0.188233	0.740036	-1.35129	0.660125	0.908872	-1.10026	0.490799	1.16314	1.16314	0.725577	0.570477	0.656362	1
cg20317437	FUCA1	0.647553	0.196114	0.427914	-2.34021	0.293715	0.507912	-1.96819	0.264729	0.485294	-2.06061	0.633369	0.741637	-1.34837	0.546691	0.684282	-1.46139		0.33767	0.540753	-1.84907	0.166182	0.39918	-2.50514	0.842078	0.5122	-1.95216	0.1121	0.733397	1.23605	0.7256	0.473365	0.544643	1
cg21753682	GAUNT9	0.647559	0.434568	0.587705	-1.728	0.306641	0.20693	2.06693	0.625244	0.713412	-1.40172	0.771911	0.22067	1.02037	0.293399	-3.40832			0.545485	0.657223	-1.52155	0.970604	0.975038	-1.0256	0.425505	0.572261	-1.74746	0.55183	0.661684	-1.51129	0.725557	0.75842	0.625513	1
cg20009332	RPL11	0.647564	0.54137	0.766288	-1.30499	0.735884	1.1567	1.1567	0.538985	1.3071	1.3071	0.998852	0.993882	-1.00062	0.249813	0.594304	-1.68264		0.157249	0.518508	-1.92861	0.390426	0.68413	-1.46175	0.530823	0.760803	-1.3144	0.486471	1.35611	1.35611	0.796449	2.21816	2.22712	1
cg26800893	ATPGD1;ATPGD1	0.647569	0.921725	1.04523	1.04523	0.911051	1.05158	1.05158	0.273942	0.599069	-1.66926	0.821883	1.10681	1.10681	0.647106	1.23054	1.23054		0.72487	1.17239	1.17239	0.386593	1.49101	1.49101	0.167306	1.93968	1.93968	0.17635	1.9097	1.9097	0.272542	2.47845	2.85171	1
cg13123545	LOC285780;LY86	0.647573	0.418284	1.65934	1.65934	0.979702	0.198071	-1.00193	0.483479	1.52911	1.52911	0.388549	0.589571	-1.69615	0.210844	2.10479	2.10479		0.448935	1.6859	1.6859	0.262408	0.487836	-2.04947	0.998655	0.998993	-1.00101	0.658348	0.766471	-1.30468	0.725336	0.436998	0.62815	1
cg20505375	TSNARE1	0.647573	0.080827	0.345692	-2.89275	0.565137	0.726816	-1.37586	0.840023	0.750522	-1.11729	0.587338	0.595808	1.67839	0.153961	0.432783	2.31063		0.530152	0.705422	-1.41759	0.564514	0.726436	-1.37658	0.943171	0.774149	-1.29114	0.326266	0.573416	-1.74393	0.725336	0.583997	0.423882	1
cg18180849	PLEKHM2	0.647577	0.874824	1.14803	1.14803	0.0869052	0.23576	5.23576	0.107494	4.65614	4.65614	0.965762	0.963113	-1.0383	0.973518	1.02949	1.02949		0.9734	0.971226	-1.02963	0.665397	1.46375	1.46375	0.947618	1.05922	1.05922	0.991753	0.990991	-1.00909	0.72553	0.38115	10.7942	1
cg26426564	INPP5A	0.647587	0.9001661	1.03985	1.03985	0.7145	0.2582	2.2582	0.124574	1.68873	1.68542	0.148375	0.848542	-1.18762	0.117866	0.795154	-1.25762	0.381644	0.904955	1.06046	-1.06046	0.0922	0.842671	1.18642	-1.18642	0.0922	0.842671	1.18642	-1.18642	0.0922	0.842671	1.18642	-1.18642

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1121 vs. N)	Fold-Change(1121 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1353 vs. N)	Fold-Change(1353 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg08412235	SLC1A2	0.648501	0.358798	0.412157	-2.42626	0.619681	1.59993	1.59993	0.366564	2.39011	2.39011	0.949367	1.06147	1.06147	0.0798138	0.161052	-0.20919	0.990178	0.988504	-1.01163	0.755333	0.745555	-1.34128	0.599253	0.607698	-1.64556	0.850871	0.837147	-1.19453	0.771172	10.7758	12.4218	1
cg17141500	C11orf67;RSF1	0.648514	0.11404	2.64328	2.64328	0.979544	1.1046	1.0146	0.655686	1.28884	1.28884	0.336203	1.75185	1.75185	0.403472	0.616696	-1.62155	0.408507	1.61282	1.61282	0.412884	1.59623	0.316471	1.79599	1.79599	0.874856	1.09321	1.0931	0.771153	3.90447	4.50059	1
cg25230945	THAP4;THAP4	0.648522	0.960904	0.989628	-1.01048	0.325402	1.24108	1.24108	0.501252	0.864861	-1.15626	0.856416	1.03928	1.03928	0.765242	0.938292	-1.06577	0.663885	0.911195	-1.09746	0.0948059	0.676716	-1.47772	0.845555	0.959368	-1.04235	0.2723558	0.784265	-1.27508	0.77114	0.552523	0.63689	1
cg04247152	ZFP41	0.648525	0.53235	0.658728	-1.51808	0.386724	0.956799	-1.79031	0.642579	0.734567	-1.36135	0.635533	1.37043	1.37043	0.362392	0.373624	-2.67637	0.658804	0.745823	-1.3468	0.53998	0.663976	-1.50608	0.119148	0.32275	-3.05343	0.298278	0.490849	-2.03728	0.771371	5.32842	6.13284	1
cg11005826	IGF2AS;INS-IGF2;IGF2;IGF2AS	0.648536	0.246308	0.627418	-1.59383	0.779498	1.14282	1.11482	0.945648	0.974128	-1.02656	0.208549	1.66481	1.66481	0.685124	1.16968	1.16968	0.93589	0.969544	-1.03141	0.383919	0.707361	-1.40952	0.270485	0.643317	-1.55444	0.582858	1.2377	1.2377	0.71112	1.80524	2.08095	1
cg02792602	TNS1	0.648455	0.132285	0.380368	-2.62903	0.223569	0.467223	-2.14016	0.255962	0.493779	-2.0252	0.357292	0.560285	-1.75609	0.280315	0.512822	-1.95	0.366526	0.575768	-1.73681	0.3525	0.5659	-1.7671	0.305864	0.532114	-1.8793	0.54406	0.69391	-1.44111	0.771099	4.32469	4.98531	1
cg08061598	PYK;PYN	0.648562	0.88416	1.091	1.091	0.175217	2.36619	2.36619	0.270188	1.98495	1.98495	0.553165	1.43103	1.43103	0.450205	1.58352	1.58352	0.499352	1.50631	1.50631	0.276378	1.96679	1.96679	0.136348	2.60854	2.60854	0.774168	0.842091	-1.18752	0.701082	4.35862	5.02454	1
cg03401093	C4orf43	0.648563	0.484063	1.20223	1.20223	0.394318	0.986257	-1.01093	0.428141	1.33861	1.33861	0.69942	1.15012	1.15012	0.107432	1.68402	1.68402	0.288231	0.907501	-1.10193	0.396451	1.3676	1.3676	0.177281	1.67689	1.67689	0.315995	1.45388	1.45388	0.771081	1.5871	1.82958	1
cg19795722	NTM;NTM;NTM;NTM	0.648571	0.924703	1.03904	1.03904	0.35976	1.46449	1.46449	0.164578	1.81082	1.7335	1.7335	0.164578	1.81082	1.7335	0.131076	2.07284	-1.29399	0.356862	1.46807	1.46807	0.303024	1.54475	0.655231	1.19972	1.19972	0.544372	0.777916	1.28549	0.671769	2.00477	2.3111	1
cg22557711	OLFM2	0.648593	0.497084	0.850136	-1.17628	0.342234	0.794185	-1.25915	0.167656	0.707285	-1.41386	0.356533	1.25021	1.25021	0.765468	0.931976	-1.07299	0.392391	1.22917	1.22917	0.466442	1.19068	1.19068	0.940114	0.982462	-1.01785	0.952258	1.0142	1.0142	0.771036	0.677174	0.78068	1
cg04785418	GIYT1;GIYLT1	0.648596	?	?	?	0.495676	1.835216	1.9373	0.446051	1.35823	1.35823	0.863242	0.955161	1.09033	0.906212	0.973284	-1.04655	?	?	?	0.640242	0.832712	1.2009	0.929911	0.966617	-1.03454	0.127919	0.499224	-2.00311	0.759617	1.213	0.912465	1
cg12074057	TUBB3	0.648596	0.507456	1.17697	1.17697	0.49526	0.845526	-1.1827	0.86945	1.04066	1.04066	0.534591	1.27269	1.27269	0.275309	1.31654	1.31654	0.354053	1.25991	1.25991	0.627581	0.888288	-1.12576	0.692534	1.10109	1.10109	0.13658	1.47495	1.47495	0.770102	0.717003	0.826601	1
cg09741240	NOD2;NOD2	0.648606	0.838639	1.09702	1.05592	0.217797	0.907686	-1.1017	0.265974	1.36252	1.36252	0.331099	1.30509	1.30509	0.234624	0.717149	-1.39441	0.542785	1.17869	1.17869	0.544937	0.84016	-1.17763	0.283522	1.34429	1.34429	0.282088	1.06085	1.06085	0.770108	0.869673	1.00263	1
cg22653372	DPH5;DPH5;DPH5;DPH5;DPH5;DPH5	0.648619	0.475322	1.38023	1.38023	0.872368	0.931117	-1.07398	0.659345	1.32694	1.32694	0.0772911	2.39136	2.39136	0.449001	0.710001	-1.40845	0.516979	1.33864	1.33864	0.691643	0.837805	-1.19359	0.816835	0.902134	-1.10848	0.587059	1.27562	1.27562	0.770998	2.40628	2.77422	1
cg07664856	CNTN6	0.648628	0.848509	1.22204	1.12204	0.876558	1.09812	1.09812	0.219611	2.17546	2.17546	0.141083	2.59369	2.59369	0.874877	0.909479	-1.09953	0.978594	1.01629	1.01629	0.43117	0.616457	-1.62217	0.382854	0.583431	-1.714	0.538705	1.45468	1.45468	0.770985	0.42688	0.51086	1
cg16328309	THAP8;WDR62;WDR62	0.648633	0.492538	1.25142	1.25142	0.724597	1.12055	1.12055	0.274006	1.44126	1.44126	0.746752	1.30899	1.30899	0.422774	1.26485	1.26485	0.700369	1.1325	1.1325	0.150799	0.60928	-1.64128	0.582033	1.19536	1.19536	0.274535	1.44172	1.44172	0.770977	1.26432	1.45769	1
cg16530429	UN2B	0.648656	0.089317	5.14102	5.14102	0.347404	2.32917	2.32917	0.596318	0.626768	-1.59549	0.391427	2.14678	2.14678	0.597041	0.627356	-1.59399	0.796432	0.797786	-1.25347	0.869849	1.15408	1.15408	0.444924	1.97495	1.97495	0.692665	1.41504	1.41504	0.770944	0.32485	0.10754	1
cg02401113	ZIC3	0.648658	0.165409	1.19489	-7.49127	0.885197	0.821487	1.21171	0.965391	0.942653	-1.06084	0.311816	4.15432	4.15432	0.441063	2.91335	2.91335	0.200265	0.15858	-6.30957	0.719111	0.615667	-1.62483	0.676584	1.23557	1.23557	0.846493	1.30187	1.30187	0.770941	22.6197	26.0804	1
cg18739405	KIAA1731	0.648676	0.674229	0.871985	1.20944	0.429943	1.41685	1.41685	0.535221	1.22563	1.22563	0.370448	1.34716	1.34716	0.382055	1.74821	1.74821	0.398418	0.755683	1.32331	0.248563	0.676512	-1.47817	0.574949	0.832285	-1.20151	0.726159	0.802318	-1.32068	0.770939	3.28184	3.47796	1
cg19127360	PPP1R7;PASK	0.648666	0.647837	0.749791	-1.3337	0.594428	1.40003	1.40003	0.266408	2.06488	2.06488	0.90933	1.07394	1.07394	0.363438	0.557196	-1.7947	0.645293	0.748096	-1.33673	0.161483	2.55037	2.55037	0.323006	1.89495	1.89495	0.94434	1.04469	1.04469	0.77093	4.7871	5.51956	1
cg25645840	FGF13;FGF13;FGF13;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg12609052	TSPAN9;TSPAN9	0.649518	0.620645	0.637495	-1.59364	0.08096907	0.09453	0.09453	0.442643	2.492234	0.652609	0.654915	-1.52691	0.916879	0.928688	-1.07679	0.511684	0.979	0.537035	-1.86208	0.588025	1.66674	1.66674	0.905502	0.895001	-1.17732	0.820617	0.803848	-1.23633	0.768677	10.6356	12.2829	1
cg26081466	RCTD10;UBE3B;UBE3B	0.649543	0.725093	1.06813	1.06813	0.735106	1.06545	1.06545	0.150921	1.3329	1.3329	0.994257	1.00134	1.00134	0.319118	0.825132	-1.21193	0.789354	0.951243	-1.05126	0.250436	0.799155	-1.25132	0.603168	0.906731	-1.10286	0.532768	1.25119	1.12519	0.769641	0.424814	0.490634	1
cg00490203	CCDC88B	0.649544	0.311473	0.435467	-2.29638	0.327349	0.448096	-2.23166	0.466116	1.80189	1.80189	0.623464	0.675126	-1.4812	0.161481	0.305106	-3.27755	0.641135	0.688879	-1.45163	0.260915	0.394204	-2.53675	0.297401	0.424156	-2.35762	0.953438	0.9547	-1.04745	0.76964	7.68316	8.87359	1
cg21356299	LAT2;LAT2;LAT2	0.649545	0.984752	0.9963	-1.00371	0.3383	0.826147	-1.21044	0.646111	1.03354	1.03354	-1.09358	0.868426	0.96843	-1.0326	0.527948	0.883623	-1.1317	0.508536	0.878299	-1.13836	0.120635	1.38501	1.38501	0.389922	0.808561	-1.2684	0.689358	0.923862	-1.08241	0.76963	0.456328	0.527039	1
cg01662942	KIF1A	0.649554	0.615978	1.26611	1.26611	0.0915128	2.37974	2.37974	0.872213	1.078	1.078	0.835102	1.10214	1.10214	0.246786	1.75957	1.75957	0.235282	1.78671	1.78671	0.308102	1.63594	0.414998	1.47514	1.47514	0.962439	0.978267	-1.02222	0.769625	2.6535	3.0647	1
cg26702277	ZNF469	0.649555	0.699881	1.26499	1.26499	0.72252	0.805375	1.26166	0.449622	1.59634	1.59634	0.758844	1.20545	1.20545	0.35283	0.559681	1.78673	0.124096	0.363875	-2.74819	0.347855	0.556122	-1.79817	0.610772	1.37749	1.37749	0.718375	1.2462	1.2462	0.769624	4.49222	5.18824	1
cg15837235	PRMA1 ZFAND1;ZFAND1;ZFAND1;ZFAND1;ZFA	0.649581	0.546477	0.638299	-1.56666	0.330709	0.47791	-2.09245	0.323807	0.47254	-2.11622	0.384021	0.92827	1.92827	0.658163	0.720677	-1.38758	0.424005	1.82334	1.82334	0.507901	1.63909	1.63909	0.388229	0.91658	1.91658	0.449547	1.7627	1.7627	0.769585	6.59592	7.61845	1
cg27535044	ND1;ZFAND1;ZFAND1	0.649594	0.09172848	0.692769	-1.44348	0.419651	0.849586	-1.17704	0.932922	0.983496	-1.01678	0.732216	0.934601	-1.06998	0.763291	1.06153	1.06153	0.788648	0.948271	-1.05455	0.226718	0.778091	-1.2852	0.813417	1.04785	1.04785	0.51564	1.13918	1.13918	0.769566	0.476326	0.550182	1
cg24701104	LMNB2 AGTRAP;AGTRAP;AGTRAP;AGTRAP;AG	0.649594	0.476045	1.27651	1.27651	0.207677	1.5645	1.5645	0.350313	1.38245	1.38245	0.894986	1.04549	1.04549	0.47736	1.27555	1.27555	0.379266	0.73796	-1.35509	0.59421	0.834316	-1.19859	0.940802	0.718426	-1.39193	0.746019	0.896299	-1.1157	0.769566	1.38318	1.59764	1
cg25550184	TRAP	0.649597	0.932168	0.985599	-1.01461	0.261046	1.22106	1.22106	0.206574	1.25897	1.25897	0.391515	0.839222	-1.19158	0.705739	1.06677	1.06677	0.611331	0.916384	-1.09125	0.632906	1.08545	1.08545	0.255674	1.22407	1.22407	0.682653	1.07255	1.07255	0.769562	0.353841	0.408707	1
cg10259093	ETF8	0.649598	0.323627	0.771583	-1.29604	0.716034	0.948166	-1.05407	0.554834	1.10101	1.10101	0.8381	0.970633	-1.03026	0.624329	1.07272	1.07272	0.4693	0.809292	-1.11322	0.456179	0.895325	-1.11691	0.413967	1.12982	1.12982	0.703194	1.05376	1.05376	0.769561	0.258711	0.298827	1
cg17607627	RTEL1;RTEL1	0.649612	0.304075	0.500371	-1.99852	0.338633	1.86046	1.86046	0.847491	1.13355	1.13355	0.683686	0.766073	-1.30536	0.208393	0.641227	-2.36967	0.604143	0.731601	-1.40528	0.656235	0.747194	-1.33834	0.357279	0.828338	-1.20732	0.185127	0.368454	0.548307	-1.8238	0.76954	5.15749	5.95737	1
cg12645858	TSSC1	0.649612	0.922918	1.04947	1.04947	0.884693	2.58934	2.58934	0.196378	1.97703	1.97703	0.851023	0.910455	-1.09835	0.47631	0.696722	-1.43529	0.768064	1.159	1.159	0.814165	0.889154	-1.12466	0.813353	1.12527	1.12527	0.983178	0.989536	-1.01058	0.769539	3.03414	3.50471	1
cg05183110	USP9X;USP9X	0.649623	0.314437	1.3983	1.26848	0.272252	0.805375	1.26166	0.449622	1.59634	1.59634	0.758844	1.20545	1.20545	0.35283	0.559681	1.78673	0.124096	0.363875	-2.74819	0.347855	0.556122	-1.79817	0.610772	1.37749	1.37749	0.718375	1.2462	1.2462	0.769624	4.49222	5.18824	1
cg17309464	IL	0.649632	0.352608	0.896209	-1.11581	0.18954	0.85282	-1.17258	0.776788	1.0331	1.0331	0.343898	0.894094	-1.11845	0.947046	0.992419	-1.00764	0.569271	0.936227	-1.06812	0.171066	0.846324	-1.18172	0.41135	0.908249	-1.10102	0.533629	1.0749	1.0749	0.76951	0.159957	0.184772	1
cg06104959	STARD8;STARD8;STARD8	0.649633	0.198335	0.162404	-6.15749	0.635375	0.527991	-1.89397	0.815032	0.731006	-1.36798	0.208042	0.89925	5.89925	0.624672	1.93341	1.93341	0.221139	0.179123	-5.58276	0.613403	0.50602	-1.97621	0.8581	0.787185	-1.27035	0.695925	0.50146	-1.69073	0.769509	2.71788	25.1682	1
cg00123128	DOK7;DOK7	0.649635	0.246818	0.566475	-1.7653	0.576897	1.3028	1.3028	0.89591	0.940421	-1.06335	0.575763	0.766961	-1.30385	0.184038	0.516157	-1.93739	0.966498	1.01991	1.01991	0.382696	0.656969	-1.52214	0.1965	0.526821	-1.89818	0.312555	0.61248	-1.63271	0.769506	2.68412	3.10054	1
cg27143307	HUBP	0.649647	0.288215	0.56117	-1.78167	0.373284	0.595838	-1.67901	0.486113	0.507792	-1.96931	0.755844	1.03603	1.03603	0.940028	1.00542	1.00542	0.435054	0.503446	-1.98631	0.533765	0.584171	-1.71183	0.134345	0.252326	-3.96313	0.595971	1.57842	1.57842	0.769489	0.886555	1.02423	1
cg03472212	BDKRB2	0.649647	0.974965	0.994694	-1.00533	0.645653	1.08165	1.08165	0.644328	0.924215	-1.082	0.706474	1.06624	1.06624	0.986772	1.00281	1.00281	0.678284	0.931726	-1.07328	0.113005	1.33968	1.33968	0.159345	1.29041	1.29041	0.387492	1.16203	1.16203	0.769483	0.350263	0.404612	1
cg20132509	CSMD3;CSMD3;CSMD3	0.649677	0.416087	1.33227	1.33227	0.19358	1.1316	1.1316	0.884573	1.04977	1.04977	0.657647	1.07079	1.07079	0.755747	1.06724	1.06724	0.402613	1.19742	1.19742	0.117042	1.58818	1.58818	1.26082	0.124756	1.26082	0.644994	1.26082	1.26082	0.769451	0.124756	0.144066	1
cg14703032	BPHL;BPHL;BPHL;BPHL	0.649685	0.130209	1.43754	1.43754	0.340591	0.804068	-1.24368	0.59101	0.886518	-1.12801	0.667926	1.10057	1.10057	0.453883	0.844167	1.1846	0.901545	1.02786	1.02786	0.298857	1.2701	1.2701	0.808969	1.05525	1.05525	0.973397	0.992623	-1.00743	0.769432	0.6008323	0.694103	1
cg19834134	PCLO;PCLO	0.649694	0.777209	1.05876	1.05876	0.931827	1.01737	1.01737	0.965969	1.00862	1.00862	0.410479	0.844361	-1.18433	0.344364	0.81851	-1.22173	0.674237	0.918431	-1.08881	0.139011	1.37783	1.37783	0.991221	1.00222	1.00222	0.25645	1.26923	1.26923	0.769419	0.493642	0.570291	1
cg05331009	SF1;SF1;SF1 FAM122B;FAM122B;FAM122C;FAM122 B;FAM122B;FAM122B;FAM122B;FAM122B;FAM1	0.649695	0.964441	0.984465	-1.01578	0.0395888	1.91107	1.91107	0.995306	1.00216	1.00216	0.923251	0.966723	-1.03442	0.868342	0.943399	-1.06	0.743291	1.12234	1.12234	0.134639	1.7621	1.7621	0.57183	1.2222	1.2222	0.714472	0.87893	-1.13775	0.769418	1.5031	1.73649	1
cg05888642	22B;FAM122B	0.649708	0.156213	0.24015	-4.16407	0.616136	0.621665	-1.60858	0.648655	0.649601	-1.53941	0.226576	0.30028	3.30028	0.817523	1.24278	1.24278	0.216064	0.293959	-3.40184	0.918273	1.10133	1.10133	0.982986	0.980146	-1.02026	0.927806	0.918306	-1.08896	0.769399	10.7769	12.4505	1
cg13777984	ENOX1;ENOX1	0.649715	0.889682	0.941219	-1.06245	0.278435	0.611444	-1.63547	0.26827	1.65422	1.65422	0.633845	0.811022	-1.23301	0.549569	1.30251	1.30251	0.729652	0.859476	-1.1635	0.618766	0.803348	-1.24479	0.165297	1.90789	1.90789	0.773352	0.881577	-1.13443	0.769389	2.32172	2.68232	1
cg16873443	AB13BP	0.649718	0.078579	0.0778	-12.8495	0.0778	-1.31945	0.787307	0.10089	1.10089	0.167248	0.70837	1.41109	-1.41109	0.664638	1.07485	1.07485	0.873232	1.04153	1.04153	0.664638	1.11687	1.11687	0.870664	1.0424	1.0424	0.310544	1.76537	1.30656	0.797185	0.791347	0.914263	1
cg18459449	RADS11	0.649725	0.388729	0.58921	-1.69719	0.130589	0.376191	-2.65822	0.682626	0.781779	-1.27913	0.214484	0.457231	-2.18708	0.344612	0.558257	1.79129	0.229704	0.470151	-2.12698	0.261703	0.496152	-2.01551	0.617437	0.739668	-1.35196	0.325537	0.544493	-1.83657	0.769374	3.4695	5.04826	1
cg25253759	FLJ25006	0.649731	0.567273	1.15803	1.15803	0.49124	1.14423	1.14423	0.568368	1.12764	1.12764	0.645185	1.07454	1.07454	0.733747	1.05261	1.05261	0.663318	1.20006	1.20006	0.164949	1.49026	1.49026	1.15357	0.129702	1.15357	0.702966	1.32033	1.32033	0.769355	0.129702	0.151009	1
cg21004325	ZNF277;DOCK4	0.649736	0.588969	0.700227	-1.42811	0.244581	2.2245	2.2245	0.419395	0.582792	-1.71588	0.217518	0.426193	-2.34636	0.378163	1.80781	1.80781	0.404942	0.572483	-1.74678	0.800116	0.847432	-1.18004	0.809817	0.854438	-1.17036	0.83919	1.14175	1.14175	0.771342	1.08827	5.13072	1
cg21275106	GLYL1	0.649736	0.936421	0.979104	-1.02134	0.0997122	1.61211	1.61211	0.307548	1.32257	1.32257	0.263192	1.36172	1.36172	0.391825	1.26139	1.26139	0.594976	0.867597	-1.15261	0.900764	0.967519	-1.03357	0.931513	0.977505	-1.02301	0.719113	1.10031	1.10031	0.769358	0.853688	0.986321	1
ch.17.11716170BF4B;BF4B	CSMD3;CSMD3;CSMD3	0.649777	0.607797	1.35667	1.35667	0.139334	1.64923	1.64923	0.568368	1.12764	1.12764	0.644217	1.07903	1.07903	0.731747	1.05683	1.05683	0.662453	1.20534	1.20534	0.164949	1.49026	1.49026	1.15357	0.129702	1.15357	0.702966	1.32033	1.32033	0.769355	0.129702	0.151009	1
cg03349123	ABCA2;ABCA2	0.649762	0.638054	1.20617	1.20617	0.181457	1.75275	1.75275	0.216117	1.67357	1.67357	0.972657	1.01365	1.01365	0.445714	0.735271	-1.36004	0.828331	0.917677	-1.08971	0.56049	1.2622	1.2622	0.760845	0.886239	-1.12836	0.341283	0.678459	-1.47393	0.769319	1.90685	2.20322	1
cg08856776	CLSPN	0.649768	0.987183	0.994398	-1.00562	0.850778	1.16853	1.16853	0.775992	0.736422	-1.35791	0.522134	0.838347	1.19295	0.455033	1.2212	1.2212	0.509317	0.97663	-1.0196	0.856033	1.12917	1.12917	0.446337	1.12716	1.12716	0.606084	1.15158	1.15158	0.769308	0.92009	1.024	1
cg13356366	PCNA;PCNA	0.649779	0.360713	1.52203	1.52203	0.853921	0.92091	-1.08588	0.456323	0.712378	-1.40375	0.970878	0.983813	-1.01645	0.25538	0.588126	1.70032	0.609945	0.79453	-1.25861	0.275774	0.602405	-1.66001	0.868554	0.928631	-1.07685	0.246836	1.74516	1.74516	0.769294	2.44382	2.81334	1
cg20152304	FRMD4A	0.649795	0.400726	0.819518	-1.22023	0.984729	1.00444	1.00444	0.815628	0.947386	-1.05554	0.482556	1.17957	1.17957	0.867391	0.962068	-1.03943	0.156214	0.703984	-1.42049	0.231296	0.747858	-1.33715	0.997937	0.999402	-1.0006	0.197819	0.729807	-1.37023	0.769271	0.653275	0.753816	1
cg24258001	TRAPPC9;TRAPPC9	0.649797	0.58747	0.769053	-1.29995	0.657786	1.16853	1.16853	0.775992	0.736422	-1.35791	0.522134	0.838347	1.19295	0.455033	1.2212	1.2212	0.509317	0.97663	-1.0196	0.856033	1.12917	1.12917	0.446337	1.12716	1.12716	0.606084	1.15158	1.15158	0.769308	0.92009	1.024	1
cg21827641	PIP1	0.649813	0.912289	0.983826	-1.01644	0.18589	0.767046	-1.3037	0.537913	1.12517	1.12517	0.634906	1.09466	1.09466	0.49576	1.14387	1.14387	0.280804	0.80899	-1.23611	0.354971	1.19713	1.19713	0.512869	0.882067	-1.1337	0.684609	1.08028	1.08028	0.769285	0.350263	0.404612	1
cg16424126	SLC36A4	0.649833	0.459253	0.665139	-1.50324	0.344623	1.14923	1.14923	0.568368	1.12764	1.12764	0.645185	1.07454	1.07454	0.733747	1.05261	1.05261	0.662453	1.20534	1.20534	0.164949	1.49026	1.49026	1.15357	0.129702	1.15357	0.702966	1.32033	1.32033	0.769355	0.129702	0.151009	1
cg20902566	JAZF1	0.649847	0.490952	0.541326	-1.84732	0.0601286	0.155651	-6.42463	0.414218	0.480857	-2.07962	0.894235	0.889866	-1.12376	0.273311	0.167848	-2.71852	0.612778	0.639091	-1.56472	0.940675	1.06747	1.06747	0.579242	0.511807	-1.6345	0.803437	1.24455	1.24455	0.769195	9.37462	10.8334	1
cg13428291	PIK3C1	0.649852	0.784077	0.91422	1.11682	0.418207	1.15709	1.15709	0.966284	0.975402	-1.02512	0.627115	1.36091	1.36091	0.317676	1.78191	1.78191	0.842326	-1.1817	0.640888	1.30549	1.30549	0.476067	1.34501	1.34501	0.950956	1.04501	0.952309	1.04501	0.769168	3.45101	4.51117	1
cg21641552	TMTC3;CEP290;CEP290	0.649857	0.499719	0.907003	-1.10253	0.828705	0.987331	1.01283	0.541179	0.957364	-1.04413	0.734979	0.877957	1.13901	0.537323	1.08445	1.08445	0.760598	0.920985	-1.08579	0.633381	1.07086	1.07086	0.417251	1.25162	1.25162	0.79618	1.24721	1.24721	0.285754	1
cg00578614	SMPD3	0.649865	0.741953	0.891904	-1.1212	0.663159	1.16487	1.16487	0.650356	0.853865	-1.17114	0.877699	0.948081	-1.05476	0.432772	1.31938	1.31938	0.893372	0.954213	-1.04798	0.563549	1.22405	1.22405	0.233921	0.649189	-1.54038	0.10977	0.54685	-1.82865	0.769169	1.46017	1.68745	1
cg06116627	TPRA1;TPRA1;TPRA1	0.649874	0.942223	1.03986	1.03986	0.0216051	1.24357	1.24357	0.650681	0.950568	1.02672	1.23367	1.23367	1.23367	0.212882	0.495004	-2.02018	0.879746	0.943936	1.0935	1.0935	0.731437	1.16727	1.16727	0.510745	1.07595	1.07595	0.759563	1.12281	1.12281	0.769167	0.80065	-1.24899	0.769127	1.1421	1.47588	1
cg15571725	KIAA1704	0.649902	0.460064	0.594576	-1.68187	0.891687	1.09875	1.09875	0.466754	0.599349	-1.66848	0.731462	1.26922	1.26922	0.074502	0.253227	-3.94902	0.992651	1.00639	1.00639	0.553067	0.660487	-1.51404	0.492849	1.61838	1.61838	0.695646	1.31227	1.31227	0.769114	5.82014	6.72652	1
cg08319421	ECSCR	0.649909	0.371084	1.34913	1.26703	0.09703	1.12	1.12	0.730723	0.906816	-1.10276	0.431429	1.26047	1.26047	0.126127	0.129198	2.64943	0.864586	1.04948	1.04948	0.273942	1.38144	1.38144	0.841011	1.05851	1.05851	0.955082	0.984179	-1.01608	0.769104	0.976446	1.12852	1
cg21636329	B4GALNT4	0.649916	0.29768	0.476531	-2.0985	0.87264	0.895703	-1.14644	0.523218	0.639774	-1.56305	0.619425	1.41023	1.41023	0.765815	1.22762	1.22762	0.421358	1.57561	1.57561	0.367211	0.74811	1.74811	0.550803	1.53545	1.53545	0.400508	0.553859	-1.80551	0.769093	5.74176	6.6361	1
cg22392857	TNFAIP8L2	0.649935	0.13681	1.48971	1.48971	0.55144	0.784642	-1.27447	0.470839	1.34346	0.570645	1.25944	1.25944	0.202508	1.71866	1.71866	0.317577	0.515161	1.51561	1.51561	0.286057	0.640234	-1.56193	0.9581	0.977449	-1.02307	0.725952	1.15216	1.15216	0.769066	1.97315	2.28058	1
cg23447904	NRAA2	0.649951	0.246368	0.499722	-2.00225	0.297207	0.446	-2.24193	0.515576	0.715576	-1.39722	0.244255	0.384122	2.60255	0.184224	1.48589	1.48589	0.242402	0.388007	-2.57655	0.204033	0.420853	-2.37648	0.182574	0.820089	-1.21938	0.704951	0.941124	-1.06254	0.642742	1.13297	1.13297	0.769042	0.390818	0.352215	1
cg04328701	FAM134C;FAM134C;TUBG1	0.649961	0.756286	0.949326	-1.05338	0.502199	0.892471	-1.12048	0.911698	0.98164	-1.0187	0.934317	0.986326	-1.01386	0.445808	1.13862	1.13862	0.792462	0.956908	-1.04503	0.326604	0.844362	-1.18433	0.805493	0.959626	-1.04207	0.889234	1.36757	1.36757	0.769028	0.339843	0.392811	1
cg00465841	BHLHE22	0.649962	0.456757	1.57771	1.57771	0.102255	2.94351	2.94351	0.644208	1.32285	1.32285	0.691934	0.78694	-1.27074	0.78193	0.844236	-1.1817	0.780901	1.12805	1.12805	0.193647	1.04891	1.04891	0.880938	1.81497	1.81497	0.184206	2.33372	2.33372	0.769021	4.40948	5.05963	1
cg11422695	CCND3;CCND3	0.649987	0.158175	0.639688	-1.56326	0.143203	0.627579	-1.59343	0.774969	1.08859	1.08859	0.746258	0.954889	-1.04724	0.73962	1.07463	1.07463	0.907354	1.03381	1.03381	0.496598	1.2268	1.2268	0.347815	0.751076	-1.33142	0.842625	1.06063	1.06063	0.76899	1.068	1.23452	1
cg12220843	MIR181;CDC37	0.649987	0.539681	0.875363	-1.14238	0.52401	2.14848	1.14848	0.361405	1.22279	1.22279	0.590546	1.1235	1.1235	0.528254	0.871982	-1.14681	0.209014	0.752838	-1.32831	0.919684	0.978609	-1.02186	0.470498	0.854368	-1.17046	0.297754	1.26038	1.26038	0.768989	0.559777	0.647056	1
cg23282308	C2orf27	0.649988	0.945124	1.03777	1.03777	0.329471	0.92041	-1.08671	0.405561	0.69046	-1.44871	0.620602	0.95024	1.05024	0.842453	1.05024	1.05024	0.613604	1.04387	1.04387	0.75222	0.970402	1.03029	1.03029	0.929035	1.07482	1.07482	0.105103	1.20005	1.20005	0.768988	0.215667	0.249294	1
cg07603299	FLJ23867;QSOX1;QSOX1	0.649988	0.807066	0.942037	-1.06153	0.658867	0.897246	-1.11452	0.314537	0.775832	-1.28894	0.992862	1.00219	1.00219	0.011893	1.02738	1.02738	0.315275	0.776153	-1.28841	0.127334	0.495138	0.354665	0.793374	-1.26044	0.956716	1.01333	1.01333	0.768987	0.725343	0.83844	1
cg23445094	TMEM178	0.649989	0.921351	1.08418	1.08418	0.15155	1.72447	1.72447	0.33207	1.3703	1.3703	0.889	0.627004	-1.59489	0.402483	0.480305	2.08375	0.384772	0.478176	2.09131	0.095042	0.210945	-4.73995	0.464007	0.83795	1.19345	1.83795	0.779555	1.27169	1.27169	0.768986	8.61539	10.3095	1
cg27194210	FAM20C	0.65	0.443013	1.25825	1.25825	0.967905	0.988252	-1.01189	0.87863	0.95611	-1.0459	0.896411	1.039	1.039	0.468608	1.24182	1.24182	0.240361	0.696949	-1.43482	0.212285	1.47089	1.47089	0.254935	0.705317	-1.4178	0.929572	0.974371	-1.0263	0.76897	1.05059	1.21443	1
cg07439546	ABAT;ABAT;ABAT	0.650014	0.355713	0.547121	-1.82775	0.140992	0.366002	-2.73222	0.945891	1.04178	1.04178	0.868704	0.900302	-1.11074	0.302854	0.507827	-1.96901	0.530429	0.668022	-1.49606	0.173347	0.398645	-2.5085	0.250473	0.46658	-2.14326	0.962801	1.03005	1.03005	0.76895	4.90786	5.67337	1
cg00206691	ANGEL1	0.650024	0.81234	1.07408	1.07408	0.514312	0.661181	1.24744	0.376222	1.57653	1.57653	0.763955	0.875721	-1.14057	0.284142	0.788307	1.83167	0.497372	0.709383	-1.41446	0.155436	1.61048	1.61048	0.49746	1.43632	1.43632	0.139003	2.22178	2.22178	0.768932	3.0604	3.53784	1
cg20684399	PHF2	0.650035	0.450231	0.877168	-1.14003	0.516505	1.11857	1.11857	0.649887	1.08095	1.08095	0.863082	1.02984	1.02984	0.819889	1.03961	1.03961	0.835249	1.03611	1.03611	0.09433	0.731038	-1.36792	0.745675	0.94607	-1.057	0.330916	1.18636	1.18636	0.768919	0.35338	0.408516	1
cg08659824	CDKN1B	0.650038	0.877815	0.947059	-1.05618	0.79038	1.01338	1.01338	0.729229	0.964683	1.01563	1.01563	1.01563	1.01563	0.041034	-2.27743	0.888828	1.05004	1.05004	1.05004	0.908447	-1.1009	0.878397	0.946941	-1.05726	0.201167	0.885957	0.943301	0.711085	-1.4063	0.768914	1.4481	1.71566	1
cg22728534	CDBA	0.650038	0.792674	0.840729	-1.18944	0.64331	0.735564	-1.3595	0.940277	1.05059	1.05059	1.05059	1.05059	1.05059	0.74	?	?	0.544985	1.497	1.497	1.497	0.260666	1.16625	1.16625	0.61987	1.39002	1.39002	0.865255	1.47978	1.47978	0.829462	1.15265	1.15265	0.764566	0.667057	0.810625	1
cg04464219	MTDH	0.650045	0.729313	1.04398	1.04398	0.404515	1.11147	1.11147	0.941708	1.0091	1.0091	0.881374	1.01857	1.01857	0.238944	1.16678	1.16678	0.713652	1.04672	1.04672	0.8359	1.02603	1.02603	0.916163	1.01313	1.01313	0.050588	1.31789	1.31789	0.768904	0.189053	0.216127	1
cg25820308	C2orf27	0.650048	0.474009	0.638298	-1.56666	0.624435	1.18476	1.18476	0.874147	0.906477	-1.10317	0.803605	0.85409	-1.17098	0.536136	0.86236	-1.16036	0.763367	0.46367	-2.15671

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105 vs. N)	Fold-Change(1 vs.105)	p-value(111 vs. N)	Fold-Change(1 vs.111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(537 vs. N)	Fold-Change(1 vs.537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00007012	MTUS2;MTUS2 PHYHIL;PPHLN1;PPHLN1;PPHLN1;PPHL N1;2CR81;PPHLN1;PPHLN1;2CR81;PPHL N1	0.650656	0.27008	0.747967	-1.34777	0.301134	1.01283	1.01283	0.28803	1.33123	1.38123	0.385729	0.793663	-1.23998	0.547772	0.853782	-1.17126												
cg11827402		0.650567	0.672897	0.918875	-1.08829	0.902655	1.02468	1.02468	0.133197	1.38094	1.38094	0.503263	1.14493	1.14493	0.228174	1.28662	1.28662		0.66605	1.09036	1.09036	0.310521	0.811486	-1.23231	0.644369	1.09704	1.09704	0.720706	1.07415	1.07415	0.767992	0.482862	0.558873	1
cg14636441	PLEKHH3;PLEKHH3	0.650674	0.678379	0.875303	-1.14246	0.530307	0.816248	-1.22512	0.618369	1.17398	1.17398	0.659765	0.517464	-1.9325	0.767854	0.90979	-1.09916		0.397111	1.31909	1.31909	0.871077	0.105324	0.55324	0.852878	1.06109	1.06109	0.944192	1.02261	1.02261	0.767982	1.24075	1.43608	1
cg06481639	POU3F3;POU3F3;POU5F1B	0.650678	0.958251	0.978809	-1.02165	0.945357	1.02863	1.02863	0.968363	0.9838	-1.01647	0.835075	0.98065	0.823489	1.09637	1.09637		0.903448	1.05125	1.05125	0.237007	0.600372	-1.66564	0.070605	2.20764	2.29764	0.58499	1.25496	1.25496	0.767976	2.06281	2.38759	1
cg18095675	BDH1;BDH1;BDH1	0.650686	0.447625	1.69944	1.69944	0.255641	2.2549	2.2549	0.71488	1.28581	1.28581	0.91701	1.07403	1.07403	0.194607	0.390574	-2.56034		0.944471	1.04889	1.04889	0.756234	1.23783	1.23783	0.22639	0.418818	-2.38767	0.759815	0.810499	-1.23381	0.767963	5.71009	6.60922	1
cg27338859	PDIA5;PDIA5	0.650704	0.801292	0.843631	-1.18535	0.17467	2.66893	2.66893	0.130156	3.01101	3.01101	0.656684	0.789597	-1.35209	0.815387	1.17082	1.17082		0.985674	0.987967	-1.01218	0.654372	1.5256	1.5256	0.51295	0.646021	-1.54633	0.671708	0.792184	-1.33301	0.767937	5.52964	6.40057	1
cg06053417	SDLH	0.65071	0.675263	0.842297	-1.18723	0.125462	1.96495	1.96495	0.631061	1.32653	1.32653	0.408176	1.41143	1.41143	0.575121	0.793993	-1.25946		0.514014	1.24822	1.24822	0.193572	1.75128	1.75128	0.719004	0.863149	-1.15855	0.912161	1.04597	1.04597	0.79229	2.01794	2.3358	1
cg06197571	C1orf49;C1orf49;C1orf49;C1orf49	0.65072	0.934854	0.978853	-1.0216	0.953762	1.01528	1.01528	0.131274	0.653129	-1.53109	0.783947	0.930663	-1.0745	0.795456	0.934333	-1.07028		0.593395	1.15132	1.15132	0.182893	1.44705	1.44705	0.410028	1.24642	1.24642	0.774858	1.07786	1.07786	0.767913	0.831378	0.962352	1
cg25097436	RTN1	0.650722	0.261916	1.83804	1.83804	0.0504	1.3685	1.3685	0.278572	1.3685	1.3685	0.185823	1.4753	1.4753	0.383931	1.38079		0.183667	1.27917	1.27917	0.021584	0.979075	-1.02767	0.955155	1.3728	1.3728	0.807902	1.03623	1.03623	0.767911	0.934534	1.08376	1
cg07383268	NUDCD3	0.650771	0.368192	0.712171	-1.40416	0.77714	0.900303	-1.10984	0.516885	0.785577	-1.27295	0.089342	1.98966	1.98966	0.094012	0.908377	-1.10086		0.97968	0.990691	-1.0094	0.475055	0.765861	-1.30572	0.581227	1.22703	1.22703	0.763962	0.895301	-1.11694	0.768339	1.64007	1.89863	1
cg08865538	ATP5G2;ATP5G2	0.65078	0.09958432	0.73442	-1.34695	0.653271	1.07597	1.07597	0.183562	1.03577	1.03577	0.217665	1.22655	1.22655	0.622586	0.652589	1.07762	1.07762	0.995737	0.999126	-1.0007	0.974647	0.960391	-1.00939	0.980958	1.04076	1.04076	0.768326	0.931115	0.983322	1
cg01706925	DENND3	0.650781	0.145802	0.360742	-2.77207	0.561704	0.68175	-1.46681	0.467359	0.582088	-1.71795	0.884134	1.09989	1.09989	0.233447	0.442354	-2.26063		0.541154	0.66772	-1.49763	0.173361	0.38835	-2.575	0.768229	1.2181	1.2181	0.875713	1.1076	1.1076	0.767825	5.18384	6.00118	1
cg21893354	FAM105A	0.650782	0.372351	1.02976	1.02976	0.350169	0.312123	-3.20386	0.387753	0.342611	-2.91826	0.236495	0.5086	0.5086	0.705578	1.58068	1.58068		0.473906	2.41146	2.41146	?	?	?	0.5941	2.07937	2.07937	0.844716	0.789441	-1.26672	0.755599	15.1118	17.5229	1
cg09812070	GABRA4	0.650784	0.317979	1.10712	1.10712	0.774255	1.08403	1.08403	0.989337	0.952258	-1.05036	0.776704	1.08674	1.08674	0.523602	1.1085	1.1085		0.862476	1.04985	1.04985	0.051269	0.538027	-1.85864	0.880592	0.958701	-1.04308	0.66416	1.1304	1.1304	0.76782	0.957308	1.10826	1
cg05728828	IRF1	0.650788	0.962623	1.01046	1.01046	0.88766	0.969112	-1.03187	0.389708	0.822298	-1.2161	0.860457	1.056	1.056	0.228887	1.32351	1.32351		0.306883	1.26466	1.26466	0.251958	1.30427	1.30427	0.44884	1.18687	1.18687	0.426032	0.834919	-1.19772	0.767814	0.599152	0.693631	1
cg01718165	KDM1A;KDM1A	0.650794	0.822459	1.07874	1.07874	0.768019	1.10491	1.10491	0.156841	1.66647	1.66647	0.617461	0.843851	-1.1851	0.121689	1.76097	1.76097		0.358318	1.37517	1.37517	0.674134	0.863702	-1.15931	0.694418	0.972501	-1.02828	0.6621	1.15987	1.15987	0.767805	1.38324	1.60158	1
cg26239297	ABHD12B;ABHD12B	0.650795	0.178266	-1.41839	-2.4706	0.965191	0.973446	-1.02728	0.593876	1.39375	1.39375	0.8652	1.51846	1.51846	0.114042	2.21426		0.909738	0.914334	-1.07246	0.541739	0.683164	-1.46378	0.208456	0.443122	-2.26592	0.299294	0.515099	-1.94317	0.767798	4.52703	5.35076	1
cg09989681	LSP1;LSP1;LSP1;LSP1	0.650802	0.904532	0.935406	-1.06905	0.653822	1.28559	1.28559	0.391244	1.63048	1.63048	0.62486	1.31555	1.31555	0.580063	0.738219	-1.35461		0.611869	0.752188	-1.32945	0.109619	0.378815	-2.63981	0.375784	0.602988	-1.65841	0.587386	1.3565	1.3565	0.767793	3.76617	4.36017	1
cg23193485	FAM134C5	0.650818	0.518124	0.84922	-1.17768	0.552672	1.09584	1.09584	0.38751	1.80258	1.80258	0.575734	1.45662	1.45662	0.141656	0.577347	-1.7304		0.454808	1.65938	1.65938	0.18877	1.14514	1.14514	0.693992	1.90389	1.90389	0.661353	0.774513	1.341	-1.34	0.76277	5.38109	6.22098	1
cg19688761	PTPRE	0.650821	0.930897	1.0357	1.0357	0.678896	0.845029	-1.18339	0.758918	0.882924	-1.13326	0.733256	1.1484	1.1484	0.223601	0.596186	-1.67733		0.568821	1.26231	1.26231	0.163512	1.82487	1.82487	0.372345	1.44841	1.44841	0.502989	0.759607	-1.31647	0.767766	1.98952	2.30339	1
cg07033880	AKAP13;AKAP13	0.650824	0.909824	0.964222	-1.03691	0.482896	0.749017	-1.33687	0.277593	0.631473	-1.5836	0.607448	1.3724	1.3724	0.289177	1.56208	1.56208		0.630506	0.820938	-1.21813	0.185364	0.564508	-1.77145	0.301579	0.646778	-1.54633	0.731269	0.890047	-1.12359	0.767761	2.01552	2.3335	1
cg19174415	RAB30	0.650825	0.161705	0.50335	-1.98669	0.505897	0.733388	-1.36353	0.300577	1.63685	1.63685	0.312387	0.618745	-1.61618	0.261183	0.583736	-1.7131		0.649766	0.810578	-1.23369	0.584829	0.77612	-1.28846	0.899069	1.06003	1.06003	0.64657	1.08089	-1.23626	0.76776	2.5661	2.97096	1
cg00241907	TMS4B;TMS3L3	0.650838	0.244964	0.286599	-3.48919	0.731341	0.701781	-1.42495	0.272852	3.2305	2.5305	0.863102	1.19728	1.19728	0.363445	2.61091	2.61091		0.181709	0.230314	-4.29159	0.817061	0.78813	-1.26883	0.90355	0.882848	-1.1327	0.910784	1.12207	1.12207	0.76774	12.8376	14.8634	1
cg19930127	PIP5L	0.650839	0.676568	0.705813	-1.41681	0.414987	1.09805	1.09805	0.605097	1.54229	1.54229	0.638014	0.674952	1.08387	0.893574	1.08387		0.603709	1.05327	1.05327	0.768973	0.876574	-1.14091	0.706323	0.738248	-1.35436	0.838237	0.70975	-1.40925	0.767654	-1.47831	0.706323	0.738248	-1.35436	0.838237	0.70975	4
cg25158772	PXK	0.650851	0.321789	2.23284	2.23284	0.200564	2.88923	2.88923	0.259501	0.397272	-2.51716	0.59305	0.654855	-1.52705	0.811215	1.20658	1.20658		0.341145	2.15932	2.15932	0.58532	1.54094	1.54094	0.619169	1.48174	1.48174	0.754443	0.781733	-1.27921	0.767721	0.748845	0.87034	1
cg22959578	KCTD5	0.650856	0.506456	0.768293	-1.30159	0.214327	1.07271	1.07271	0.764268	1.14035	1.14035	0.853647	1.07874	1.07874	0.541582	0.582127	-1.71694		0.346572	1.48023	1.48023	0.182207	1.66127	1.66127	0.495817	1.08828	1.08828	0.790667	0.807944	-1.23866	0.767703	1.09068	1.24042	1
cg19140834	PODXL;PODXL	0.650875	0.183939	0.719431	-1.38999	0.853836	0.957833	-1.04402	0.979428	1.06004	1.06004	0.935274	1.01916	1.01916	0.213124	0.736168	1.35838		0.764761	1.07262	1.07262	0.296532	1.28769	1.28769	0.377119	1.2358	1.2358	0.890327	1.03276	1.03276	0.767686	0.663542	0.768303	1
cg02485566	DPP6;DPP6	0.650877	0.254996	1.14388	1.14388	0.797417	1.02949	1.02949	0.404279	1.10124	1.10124	0.221168	1.15642	1.15642	0.246846	1.14665	1.14665		0.543938	0.932942	-1.07188	0.895566	-1.01495	0.495175	0.924716	-1.08141	0.454258	1.08996	1.08996	0.767683	0.155262	0.179776	1
cg23156356	RRAGB;RRAGB	0.650888	0.219911	1.83482	1.83482	0.0478	1.26025	1.26025	0.172324	-1.19732	0.452088	0.52851	-1.89211	0.84354	0.245441	1.18627		0.235437	0.356706	2.80346	0.047217	0.650616	-1.53701	0.819947	0.827791	-1.20803	0.827237	0.834275	-1.19865	0.767929	0.83533	0.967455	1
cg22101701	NA;TSPAN4;TSPAN4	0.650889	0.121726	0.30328	-3.29738	0.697438	1.3203	1.3203	0.580254	1.48774	1.48774	0.399805	0.541727	-1.84595	0.355072	0.508345	-1.96717		0.396375	0.539195	-1.85462	0.681251	0.745474	-1.34143	0.549098	0.649772	-1.539	0.262951	0.436035	-2.29339	0.767671	0.14961	7.12065	1
cg14996753	COL6A6	0.650889	0.71452	1.15646	1.15646	0.789263	1.11182	1.11182	0.42848	1.37692	1.37692	0.848048	1.07886	1.07886	0.996102	0.998069	-1.00193		0.275496	1.56658	1.56658	0.0650107	2.27012	2.27012	0.784505	1.11456	1.11456	0.238053	1.63072	1.63072	0.767665	1.90358	2.20418	1
cg08048620	MGC16275;TTYH2;TTYH2	0.650891	0.129926	0.500785	-1.99687	0.375117	1.46937	1.46937	0.648581	1.88496	1.88496	0.764325	0.880637	-1.13554	0.438945	0.716248	-1.39616		0.364697	0.674511	-1.48255	0.454092	0.728569	-1.37633	0.867182	0.931685	-1.07332	0.543172	1.29717	1.29717	0.767663	2.1729	2.51604	1
cg00539808	KCTD1	0.650895	0.871751	-1.08357	-1.16939	0.677405	1.23576	1.23576	0.224973	0.47724	-2.09578	0.742743	-1.43723	0.764669	0.183662	1.13662	1.13662	0.539546	0.704824	-1.41906	0.430187	0.370371	-2.69971	0.409643	0.540541	1.40541	0.329876	0.768895	1.40541	0.329876	0.768895	1.40541	0.329876	0.768895	4
cg09696385	SND1	0.6509	0.597632	0.59225	-1.68848	0.0795688	0.77792	0.77792	0.157285	0.42545	0.42545	0.926045	1.0956	1.0956	0.904873	0.889073	-1.12477		0.899316	1.13257	1.13257	0.946359	1.06841	1.06841	0.993857	0.992457	-1.0076	0.847655	1.20822	1.20822	0.76765	11.7587	13.6158	1
cg00450916	ITPR3;ITPR3	0.650916	0.126332	0.81881	-1.22126	0.37107	1.71567	1.71567	0.799769	1.07918	1.07918	0.869241	1.35452	1.35452	0.289859	1.44972	1.44972	1.54797	1.54797	1.54797	0.0178	0.648867	0.420859	1.42044	0.0451	1.51153	1.51153	0.174294	1.51552	1.88158	0.174294	1.51552	1.88158	0.174294	1.51552	1.88158	0.174294	1.51552	1.88158	4
cg25595239	LARP6;LARP6	0.650917	0.40787	1.70188	-1.40669	0.251312	1.81051	1.81051	0.678801	1.22897	1.22897	0.81407	0.665789	-1.50198	0.243981	0.546768	1.82893		0.388227	0.645333	-1.54959	0.7907	0.860976	-1.14946	0.825392	0.896343	-1.11564	0.249492	0.550957	-1.81502	0.767625	2.98221	3.45332	1
cg16409172	LOC729609	0.650921	0.16317	0.234984	-4.2556	0.136138	0.209606	-4.77087	0.65339	0.644156	-1.55242	0.808479	1.26653	1.26653	0.871971	0.854768	-1.16991		0.168439	0.239792	-4.17027	0.478707	0.49622	-2.01524	0.524303	0.533743	-1.87356	0.743329	0.726336	-1.37673	0.767619	11.5097	13.328	1
cg19345281	LTBP4L;LTBP4L;LTBP4	0.650924	0.797515	0.933667	-1.07107	0.660599	0.937139	1.06752	0.365529	0.792801	-1.26152	0.699318	0.899158	1.11215	0.288883	0.899762	-1.11155	0.928859	0.940497	1.06312	0.669358	1.01146	1.01146	0.764214	0.868884	1.01084	1.01084	0.767914	0.868884	1.01084	1.01084	0.767914	0.868884	1.01084	1.01084	0.767914

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	SS(Error)	F(Error)
cg11911951	UNKL	0.651658	0.683121	1.20562	0.29562	1.12229	2.61472	2.61472	0.549212	1.41599	1.41599	0.572725	1.38697	1.38697	0.7925311	1.16334	1.16334	0.263596	1.95203	1.95203	0.109093	2.72151	2.72151	0.453525	1.54998	1.54998	0.992596	1.00534	1.00534	0.766039	3.99916	4.63748	1
cg18807929	IGFBP5	0.65166	?	?	?	0.716016	0.566347	-1.7657	2.030776	7.48414	7.48414	?	?	?	?	?	?	0.667845	1.95918	1.95918	0.528832	2.71449	2.71449	0.649391	10.1019	19.445	1
cg12890291	RAPGEF5	0.65166	0.397805	1.72969	1.72969	0.540677	1.47992	1.47992	0.510225	0.655247	-1.52614	0.632367	1.3567	1.3567	0.139136	2.73874	2.73874	0.977888	1.0377	1.0377	0.218072	2.27052	2.27052	0.312955	1.93589	1.93589	0.373527	1.78276	1.78276	0.766535	4.86301	5.63925	1
cg12511310	GAUNT4	0.651674	0.558652	0.840711	-1.18947	0.140617	1.58861	1.58861	0.160304	1.54965	1.54965	0.897841	1.08464	1.08464	-1.01556	0.841925	1.06004	1.06004	0.973245	1.00984	1.00984	0.427301	1.26703	1.26703	0.503861	1.82033	-1.21936	0.760403	1.09343	1.03943	0.766515	1.03521	1.2005	1
cg13912204	SLC19A2	0.651675	0.4814	0.90145	-1.10932	0.170296	1.23581	1.23581	0.313086	0.859616	-1.16331	0.690469	1.05975	1.05975	0.768418	0.897514	-1.11419	0.52542	1.09778	1.09778	0.660355	0.937903	-1.06021	0.456669	0.895923	-1.11617	0.639111	1.07159	0.766513	0.255163	0.295901	1
cg18105999	PALM;PALM	0.651678	0.622377	1.61403	1.61403	0.526472	1.857	1.857	0.432313	0.461694	-2.16594	0.572455	1.73336	1.73336	0.473458	0.495024	-2.0201	0.388928	0.426759	-2.34234	0.614415	1.63215	1.63215	0.310651	2.75025	2.75025	0.235523	0.301507	-3.31667	0.766509	11.2911	13.0938	1
cg23619910	AMPD3;AMPD3;AMPD3	0.651701	0.626378	0.820476	-1.2188	0.108528	2.02594	2.02594	0.922334	0.961433	-1.04011	0.276302	1.57888	1.57888	0.573171	0.794855	-1.25809	0.947628	1.02685	1.02685	0.636664	0.825386	-1.21155	0.440693	1.37316	1.37316	0.4862	1.33025	1.33025	0.766476	1.97458	2.28994	1
cg15441230	CDC1	0.651701	0.493206	0.853409	-1.17177	0.276447	0.772554	-1.29424	0.762281	0.872138	1.14661	0.301418	0.783511	-1.27627	0.20394	0.780337	-1.2815	0.362172	0.807834	-1.23798	0.232274	0.746827	-1.33917	0.341858	0.756463	-1.32194	0.533618	1.15447	1.15447	0.764475	0.630162	0.730805	1
cg25364619	NXN	0.651723	0.570523	1.02613	1.02613	0.915004	1.07739	1.07739	0.284019	0.45975	-2.17509	0.97389	0.723111	1.02311	0.571564	0.740726	-1.34214	0.623353	1.41283	1.41283	0.103106	0.287971	-1.47257	0.34861	1.96153	1.96153	0.570327	0.669999	-1.49254	0.764443	5.91731	6.86265	1
cg11950805	CDC20	0.651727	0.319907	0.659515	-1.51627	0.807298	0.90804	-1.10127	0.721545	0.867738	-1.15242	0.839211	0.0834	1.0834	?	?	?	0.99799	1.00099	1.00099	0.175155	0.526919	-1.89783	?	?	?	?	?	0.749178	0.982813	0.655752	1
cg20862314	INPP5A	0.651727	0.372462	1.53732	1.53732	0.486493	0.290668	2.03868	0.240798	1.6556	2.08719	0.31092	0.611051	1.85007	0.191059	0.390974	-2.55771	0.530957	1.65015	1.65015	0.108813	0.725315	1.2888	1.2888	0.999978	1.00002	1.00002	0.372613	0.537438	-1.86068	0.766436	5.58606	6.47854	1
cg12496307	DHRS11	0.65173	0.575929	1.34793	1.34793	0.124799	2.40594	2.40594	0.180912	2.11817	2.11817	0.52854	1.35125	1.35125	0.815059	1.10441	1.10441	0.273472	1.826	1.826	0.572854	1.54878	1.48976	1.48976	0.344108	1.67347	1.67347	0.226383	0.955044	1.96432	0.338851	3.92991	1
cg17947140	ZFAND3	0.651737	0.878684	1.34656	1.34656	0.290865	2.21727	2.21727	0.903471	1.08069	1.08069	0.649546	0.73127	-1.36748	0.405885	1.77487	1.77487	0.557966	1.40548	1.40548	0.621061	1.39965	1.39965	0.994917	0.995721	-1.00431	0.114568	0.314126	-3.18344	0.764423	5.53265	6.40901	1
cg23854607	CHRNA7	0.65174	0.955148	1.03181	1.03181	0.13896	0.717067	-1.39457	0.777008	1.06109	1.06109	0.604377	0.868081	-1.15197	0.491576	0.86426	-1.15706	0.525258	1.14388	1.14388	0.665418	1.09511	1.09511	0.685264	0.918433	-1.08881	0.23856	1.29405	1.29405	0.766418	0.529312	0.613894	1
cg04800394	RPL35A;IQCG;IQCG C17orf80;FAM104A;C17orf80;FAM104	0.651745	0.766188	0.960728	-1.04088	0.788399	0.964504	-1.0368	0.764376	1.04121	1.04121	0.92101	1.01341	1.01341	0.599129	0.931217	-1.07386	0.533303	1.08847	1.08847	0.218821	0.8405	-1.18977	0.103172	0.787025	-1.27061	0.536239	1.08779	1.08779	0.76641	0.219093	0.254106	1
cg06238426	C17orf80;FAM104A;FAM104A	0.651755	0.859337	0.938368	-1.06568	0.543517	0.802108	-1.24671	0.205363	1.61469	1.61469	0.634954	1.1871	1.1871	0.504266	0.78426	-1.27509	0.798798	1.09593	1.09593	0.910241	1.04127	1.04127	0.119026	0.545127	-1.83443	0.83808	1.07614	1.07614	0.766396	1.56097	1.81046	1
cg12734791	QRICH2	0.651766	0.44674	0.835137	-1.19756	0.118273	1.48287	1.48287	0.464568	0.841844	-1.18787	0.647644	0.98486	-1.01537	0.7897	1.04686	1.04686	0.944848	1.06339	1.06339	0.554172	0.746572	-1.34107	0.499923	0.714721	-1.39953	0.533663	1.07404	1.07404	0.766434	0.265938	0.336748	1
cg26174840	ZFYVE28	0.651766	0.0894996	0.399222	-2.50487	0.381571	1.55296	1.55296	0.71	1.20026	1.20026	0.108278	0.715503	1.37962	0.449477	0.685236	-1.45935	0.944348	0.966339	-1.03483	0.554172	0.746572	-1.34107	0.499923	0.714721	-1.39953	0.533663	0.734044	-1.36232	0.766379	2.91981	3.38656	1
cg06752340	C21orf49;C21or66;C21or66;C21or66

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg20677814	ANKMY2	0.652821	0.173203	0.709358	-1.67685	1.240866	0.645239	-1.54981	0.544394	0.8830311	-1.24531	0.556641	1.235621	1.235621	0.354833	0.712129	-1.40424	0.728324	1.13244	1.13244	0.460774	1.30712	1.30712	0.521472	0.788588	-1.26309	0.673858	0.859528	-1.16343	0.764834	1.54096	1.79001	1
cg01843272	SBF1	0.652825	0.880907	1.06374	1.06374	0.582629	1.25704	1.25704	0.210676	1.72224	1.72224	0.115533	2.0242	2.0242	0.363959	0.680768	-1.46893	0.933787	0.966331	-1.03484	0.718968	0.861622	-1.1606	0.945498	1.028558	1.028558	0.586349	1.25415	1.25415	0.764829	2.05787	2.39167	1
cg07105285	MTNR1B	0.652831	0.556402	1.88051	1.88051	0.464881	0.454021	-2.20254	0.60127	0.57136	-1.75021	0.682917	1.54651	1.54651	0.471096	0.459196	-2.17772	0.373936	0.379507	-2.635	0.332321	0.345864	-2.89131	0.173203	4.65779	4.65779	0.786696	1.33368	1.33368	0.764819	13.6509	15.8654	1
cg05263743	RBMS1;RBMS1	0.652835	0.912504	0.989314	-1.01079	1.060056	0.863571	-1.15756	0.152678	0.860982	-1.16146	0.59827	1.05333	1.05333	0.994927	0.999317	-1.00062	0.497609	0.934925	-1.0696	0.894948	0.987173	-1.01299	0.413151	1.38164	1.38164	0.766328	1.02906	1.02906	0.764813	0.115668	0.134433	1
cg07456640	TRAPPC9;TRAPPC9	0.652852	0.524592	1.4495	1.4495	0.50975	0.680459	-1.4696	0.825041	1.13595	1.13595	0.427478	1.59426	1.59426	0.262229	1.96014	1.96014	0.62168	1.33158	1.33158	0.081424	2.84183	2.84183	0.705023	1.24477	1.24477	0.614575	0.746532	-1.33953	0.764789	0.41469	0.46614	1
cg05505961	ARSG	0.652859	0.490489	0.600098	-1.66639	0.606406	1.4607	1.4607	0.257441	2.367212	2.367212	0.972076	0.975605	-1.02505	0.139202	0.313361	-3.19121	0.965182	0.968675	-1.03224	0.863103	0.881766	-1.13409	0.314968	2.13312	2.13312	0.897072	0.909953	-1.09896	0.764778	0.43876	0.748366	1
cg22227104	ESPN	0.652861	0.213814	0.582482	-1.71679	0.390058	0.69513	-1.43858	0.471901	0.739238	-1.35274	0.964751	1.01841	1.01841	0.287258	0.633671	-1.57811	0.443634	0.724347	-1.38055	0.092765	0.465935	-2.14622	0.393482	0.697042	-1.43463	0.872709	0.93594	-1.06844	0.764776	2.06402	2.40003	1
cg12005561	PTCHD2	0.652901	0.301912	2.17815	2.17815	0.878588	0.873131	-1.1455	0.537167	0.261138	-3.82939	0.452711	1.85384	1.85384	0.955563	0.953747	-1.0507	0.678414	1.44781	1.44781	0.360881	0.440919	-2.26799	0.915005	2.41892	2.41892	0.644995	0.662497	-1.50944	0.764717	9.53983	11.0889	1
cg09075268	CACNA1H;CACNA1H	0.652916	0.465152	1.17383	1.17383	0.859462	0.664213	-1.50554	0.983719	0.995072	-1.00495	0.757384	0.935371	-1.06909	0.320469	0.724603	-1.38055	0.876085	0.966913	-1.03422	0.690476	0.917316	-1.09014	0.680545	1.0914632	-1.09314	0.64713	1.1048	1.1048	0.76496	0.563047	0.654491	1
cg21115527	HSPB1	0.652934	0.552388	0.86076	-1.16176	0.967117	0.98977	-1.01034	0.763428	0.92747	-1.0782	0.260713	0.746317	-1.33991	0.331158	0.7787	-1.28419	0.427682	0.817099	-1.22384	0.0755282	0.610485	-1.63804	0.26511	0.748491	-1.33602	0.726793	0.916221	-1.09144	0.764669	0.753524	0.875934	1
cg20460514	UPK1	0.652935	0.315574	0.478864	-2.08782	0.478864	0.71493	-1.39837	0.932474	0.937437	-1.06674	0.845663	1.38894	1.38894	0.391987	0.768494	-1.30155	0.571115	0.662208	-1.51003	0.443499	0.557766	-1.79282	0.882057	1.13224	1.13224	0.631481	0.478251	-2.09095	0.764668	6.08869	7.98943	1
cg26345259	KDM4B	0.652961	0.449101	0.759929	-1.31591	0.3224	0.788018	-1.25697	0.877307	0.877307	-1.13922	0.125522	0.554276	-1.80416	0.390181	0.730968	-1.36805	0.72367	0.881311	-1.13467	0.911991	1.04014	0.684668	0.865603	-1.15526	0.270106	0.664511	-1.50487	0.764629	1.53402	1.78331	1
cg07145930	GSBP1;GSBP1	0.652972	0.429966	0.837327	-1.20718	0.519079	0.743579	1.34457	0.116857	0.940883	1.01748	1.01748	0.930785	1.26431	1.26431	0.257814	0.758832	1.31781	0.584637	1.3938	0.116068	0.929972	0.907609	-1.1018	0.188522	1.38489	0.952344	1.01407	1.01407	0.764614	0.663453	0.769861	1
cg00524899	NCKAP5;NCKAP5	0.652973	0.72351	0.926576	-1.07924	0.92674	1.0356	1.0356	0.69846	0.919821	-1.08737	0.527676	0.871642	-1.14726	0.955295	1.00273	-1.00273	0.828206	1.51044	1.51044	0.238127	1.3038	1.3038	0.64613	1.10435	1.10435	0.759844	1.06804	1.06804	0.764612	0.558155	0.648876	1
cg12795952	HES1	0.652998	0.677169	1.6841	1.6841	0.303432	1.48622	1.48622	0.830946	0.923602	-1.08272	0.141811	1.79891	1.79891	0.597974	0.81228	-1.2311	0.735983	0.881791	-1.13406	0.311767	1.47423	1.47423	0.485933	1.30108	1.30108	0.284544	1.51171	1.51171	0.764602	1.67336	1.94537	1
cg11444103	PTRF	0.652983	0.716653	2.12628	2.12628	0.924729	1.23069	1.23069	0.80628	1.48563	1.48563	0.912622	1.23632	1.23632	0.767088	0.522881	-1.91271	0.113142	0.223771	-4.4646	0.274936	0.11429	11.9429	0.365737	0.079434	-12.5833	0.901315	1.13109	1.13109	0.764597	57.7304	67.115	1
cg07685601	MAD1L1;MAD1L1;MAD1L1	0.652993	0.245209	0.637427	-1.56881	0.741289	1.13059	1.13059	0.214027	0.615893	-1.62366	0.59146	0.819041	-1.22094	0.188776	0.597005	-1.67503	0.251831	0.641788	-1.55815	0.387774	0.7204	-1.38812	0.76204	1.11908	1.11908	0.601661	0.822734	-1.21546	0.764582	1.66199	1.9322	1
cg14936188	RIT2	0.653004	0.530703	1.23914	1.23914	0.722992	1.11287	1.11287	0.334151	1.34893	1.34893	0.115365	0.597879	-1.67258	0.617492	1.16314	1.16314	0.673179	1.13596	1.13596	0.384612	1.30408	1.30408	0.927254	1.02782	1.02782	0.592499	0.850153	-1.17626	0.764567	1.09319	1.27111	1
cg17045521	UTP18;MBTD1	0.653005	0.860979	1.0399	1.03899	0.905064	0.977507	-1.02301	0.142537	0.940414	-1.06251	0.337922	1.20727	1.20727	0.215952	1.27913	1.27913	0.777658	0.947454	-1.05546	0.879088	1.0302	1.0302	0.468543	1.15099	1.15099	0.798157	0.952313	-1.05008	0.764565	0.040217	0.0518	1
cg00035945	PARM1	0.653028	0.850463	0.948546	-1.05424	0.954585	1.01607	1.01607	0.909099	1.03248	1.03248	0.240459	0.708943	-1.41055	0.366722	1.29633	1.29633	0.145719	0.645848	-1.54835	0.643539	1.13932	1.13932	0.708844	1.1107	1.1107	0.446689	1.24245	1.24245	0.764532	0.948568	1.10286	1
cg13277451	RBM43	0.653032	0.452841	1.33298	1.33298	0.750467	1.16384	1.16384	0.159257	1.55025	1.55025	0.86495	1.06494	1.06494	0.95826	1.42547	-1.42547	0.260334	0.384506	-2.60133	0.154406	0.532806	1.2675	1.2675	0.252805	0.64233	1.55683	0.618476	0.908644	-1.10124	0.31481	0.478251	0.090578	0.08943	1
ch.15.120530770	SCAMP2	0.653038	0.435764	0.669876	-1.49281	7	7	7	7	7	7	7	7	7	7	7	7	0.228766	1.88979	1.88979	0.755802	0.854535	-1.17023	0.991583	1.00533	1.00533	0.394149	1.5524	1.5524	0.76492	2.68122	3.57452	1
cg03938889	NTHL1	0.653042	0.997406	1.00009	-1.00009	1.265777	1.43295	1.42095	0.240553	1.57325	1.57325	0.849714	0.994151	-1.00591	0.967901	0.998211	-1.00179	0.98202	1.09196	-1.09085	0.623744	0.994	1.09196	-1.09085	0.623744	0.994	1.09196	-1.09085	0.623744	0.994

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	Ratio(105 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1247 vs. N)	p-value(1247 vs. N)	Ratio(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5 37 vs. N)	p-value(5 37 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error		
ap22921579	RBP12;RBP12	0.653919	0.700439	1.1298	1.1038	1.1038	1.1038	0.57389	0.946714	1.28087	1.28087	0.3115588	0.7662343	-1.30861	0.8199955	1.05997	1.05997	0.653747	1.23226	1.12226	0.942566	0.981762	1.018858	0.926313	1.15962	1.15962	0.58876	0.860845	1.41906	0.782227	0.788872	0.918756	1
ap20134325	CASC5;CASC5;CASC5;CASC5	0.653932	0.627037	1.09852	1.09852	0.294284	1.23212	1.23212	0.521782	1.13269	0.60122	0903758	-1.10649	0.360311	0.834878	-1.19778		0.71412	1.931832	-1.07315	0.159109	0.749176	-1.3348	0.607125	1.10465	1.10465	0.664527	0.919679	-1.08734	0.763208	0.445109	0.518407	1
ap26565021	CHST8;CHST8 NFATc5;NFATc5;NFATc5;NFAT5;MIR1538;	0.653933	0.54672	1.10908	1.10908	0.301622	1.19922	1.19922	0.382886	1.16404	1.16404	0.138057	0.762559	-1.31137	0.936248	1.01367	1.01367		0.894976	1.02267	1.02267	0.641567	1.08283	1.08283	0.940544	1.18144	1.18144	0.591132	1.09643	1.09643	0.763206	0.348103	0.405675	1
ap17985281	NFAT5	0.653935	0.274723	1.5042	1.5042	0.934919	1.02977	1.02977	0.613888	0.832964	-1.20053	0.462501	1.30824	0.8189326	1.07586	1.07586		0.354988	0.710468	-1.40752	0.254067	0.651904	-1.53397	0.320548	1.44588	1.44588	0.604897	0.829031	-1.20623	0.763203	1.55998	1.81687	1
ap25751895	GCA;GCA	0.653947	0.934398	1.02721	1.02721	0.172184	0.623434	-1.60402	0.0891311	0.543568	-1.8397	0.596179	0.840386	-1.18993	0.9882	-1.0482	-1.0482	0.887045	0.954837	-1.0473	0.252512	0.677974	-1.47498	0.571536	0.830346	-1.20432	0.678803	0.873176	-1.14468	0.763186	1.27797	1.48846	1
ap18451131	TNRC18 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.653949	0.787469	0.929543	-1.0758	0.109446	1.603	1.603	0.478935	0.82315	-1.21485	0.800749	1.07077	1.07077	0.529171	1.18812	1.18812		0.954331	0.984635	-1.01561	0.197699	1.44505	1.44505	0.625412	1.14228	1.14228	0.720845	0.907544	-1.10188	0.763183	0.8836619	1.02916	1
ap22100274	PRKAR1B;PRKAR1B	0.653963	0.684191	1.4138	1.4138	0.374478	0.462133	-2.16388	0.408161	0.488512	-2.04703	0.173606	0.29349	-3.40727	0.123828	0.241694	-4.13747		0.555562	0.603599	-1.65673	0.757493	1.29987	1.29987	0.766124	0.77679	-1.28735	0.920313	1.08842	1.08842	0.763163	0.666043	10.0942	1
ap21156662	NDUFS6	0.653963	0.457559	0.787402	-1.27	0.689085	1.1355	1.1355	0.0857626	0.548829	-1.82206	0.480533	0.797267	-1.25429	0.377273	0.751078	-1.33142		0.972267	0.989076	-1.01104	0.558911	0.82966	-1.20531	0.5118	1.2095	1.2095	0.429812	0.775205	-1.28998	0.763163	1.20655	1.40532	1
ap24089175	FGF14	0.653971	0.499873	1.1258	1.1258	0.509739	1.32402	1.32402	0.303685	0.74172	1.34772	0.0896196	1.09146	1.09146	0.849619	-1.50394		0.604792	0.619187	-1.61502	0.198438	0.753352	-1.3274	0.794837	1.265	1.265	0.962383	0.957621	-1.04425	0.763151	1.01892	1.11868	1
ap04774239	PDE6B;PDE6B NEK6;NEK6;NEK6;NEK6;NEK6;NEK6;NEK6;NEK	0.653991	0.263992	0.415406	-2.40728	0.93847	1.05998	0.059918	0.661924	1.39372	1.39372	0.935229	0.940517	-1.06325	0.136604	0.2982	0.35346		0.592913	0.665535	-1.50255	0.146829	0.308873	-3.2376	0.536075	0.623278	-1.60442	0.572588	0.652396	-1.53281	0.763122	0.68307	0.81429	1
ap14289738	6	0.65401	0.80692	0.899535	-1.11169	0.506416	1.33843	1.33843	0.23597	0.584503	-1.71086	0.587782	1.26699	1.26699	0.426812	0.704096	-1.42026		0.968726	0.98319	-1.0171	0.120627	0.482928	-2.0707	0.645581	1.22169	1.22169	0.90344	1.05388	1.05388	0.763094	2.25961	2.6321	1
ap15189104	CYHR1	0.654027	0.456787	1.30663	1.30663	0.19167	0.613971	-1.62874	0.760651	0.897783	-1.11385	0.532131	1.25016	1.25016	0.157586	0.870858	-1.13784		0.75119	1.1188	1.1188	0.174195	0.600741	-1.66553	0.454798	0.764387	-1.30824	0.676372	1.15969	1.15969	0.763069	1.50518	1.75336	1
ap27117890	IPP;IPP	0.654031	0.231167	1.807952	-1.23831	0.480338	1.12086	1.12086	0.478854	0.599085	-1.66808	0.10103	0.751769	0.947428	-1.05549	0.130757	0.757518	-1.3201		0.581409	0.909592	-1.09939	0.426082	0.870825	1.08354	1.08354	0.760197	1.05331	1.05331	0.541326	1.11097	1.11097	0.763064	0.350026	0.407744	1
ap07963363	RUNX1T1;RUNX1T1;RUNX1T1;RUNX1T1	0.654036	0.269332	0.688076	-1.45393	0.213594	0.653358	-1.53056	0.825165	0.93062	-1.07455	0.427763	0.768639	-1.301	0.63486	1.1737	1.1737		0.435742	1.29489	1.29489	0.554411	1.21451	1.21451	0.376317	1.34321	1.34321	0.879766	1.05042	1.05042	0.763056	1.17646	1.48696	1
ap20402069	POLR3G;MBLAC2;POLR3G	0.654037	0.854387	0.976464	-1.0241	0.774848	1.13078	1.03788	0.48522	0.912154	-1.09631	0.514543	1.08947	1.08947	0.976292	1.00386	1.00386		0.74442	1.04332	1.04332	0.089741	0.784829	-1.27416	0.457605	0.906588	-1.10304	0.294274	0.868464	-1.15146	0.763055	0.203127	0.236624	1
ap05289698	GCNT3	0.654038	0.613768	0.657833	-1.52014	0.188687	0.317887	-3.14577	0.573798	0.626448	-1.5963	0.462528	0.540403	-1.85047	0.25309	0.37452	-2.67057		0.651065	0.687506	-1.45453	0.231014	0.355604	-2.81212	0.170314	0.300668	-3.32593	0.652025	1.45291	1.45291	0.763052	8.18403	9.53367	1
ap24923860	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.654049	0.798093	1.15425	1.15425	0.39539	1.00636	0.018	0.908401	0.879386	-1.16481	0.453773	2.47992	2.47992	0.209589	0.403477	-2.48019		0.781426	0.718185	-1.3924	0.160907	0.174885	-5.71806	0.325057	3.34633	0.093246	0.353154	-2.83163	0.763038	17.1176	19.9409	1
ap08778119	DNAH17	0.654059	0.165493	2.73262	2.73262	0.81577	0.833287	-1.17188	0.363817	0.530341	-1.88558	0.623665	0.714558	-1.39947	0.376454	0.824096	-1.21345		0.442507	1.70261	1.70261	0.746225	1.24692	1.24692	0.293297	2.33803	2.33803	0.507699	1.5789	1.5789	0.763023	0.58148	0.50219	1
ap18342744	URL3	0.654066	0.663889	1.27958	-1.17749	0.483375	1.380322	0.9	0.0158	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.679308	0.95	1.35505	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
ap17733272	PTH1R	0.654071	0.30229	0.443835	-2.25309	0.783642	0.811217	-1.23272	0.900421	1.09983	1.09983	0.764875	1.25609	1.25609	0.129849	0.288285	3.46878		0.44544	0.553629	-1.80626	0.223863	0.378573	-2.6415	0.774509	1.24401	1.24401	0.597878	1.49871	1.49871	0.763005	0.98256	0.13458	1
ap18429911	C11orf2	0.654074	0.641858	0.968936	-1.03206	0.8832297	1.353383	1.353383	0.54272	1.10223	1.10223	0.962664	1.00795	1.00795	0.944894	1.04894	0.141215	1.28396	0.736992	1.05469	1.05469	0.507369	1.11121	1.11121	0.979225	0.995805	-1.00412	0.496969	1.1151	1.1151	0.763001	0.301549	0.353302	1
ap17242812	DIP2C	0.654074	0.312886	1.53409	1.53409	0.190603	2.51744	1.1758	0.248584	0.344033	0.958794	1.02218	1.02218	0.859004	1.00213	1.00213	1.00213		0.560973	1.28346	1.28346	0.12304	0.514	1.6124	0.705272	1.17504	1.17504	0.917371	1.04515	1.04515	0.763	2.17762	2.53091	1
ap13777294	ACSS2;ACSS2;ACSS2	0.654078	0.334827	0.537091	-1.86188	0.308314	1.933339	1.933339	0.899101	0.923783	-1.08251	0.627568	1.35735	1.35735	0.362415	0.557092	-1.79504		0.625552	0.73539	-1.35982	0.448372	0.617019	-1.62069	0.393284	1.72721	1.72721	0.339513	1.85006	1.85006	0.762995	4.71959	5.49832	1
ap17035940	SPSB2;SPSB2	0.654093	0.993273	1.00262	1.00262	0.170047	1.57166	1.57166	0.66387	0.897781	1.12532	1.12532	0.83193	0.97058	-1.03831	0.937283	1.07285	-1.0281		0.472155	0.770312	-1.29646	0.167351	0.659263	1.51783	0.194275	0.299375	3.34095	0.022854	2.99375	2.99375	0.762975	1.16281	1.35471	1
ap06431347	SH3BP4	0.654105	0.874965	0.913655	-1.0945	0.454916	1.54723	1.54723	0.541873	1.42489	1.42489	0.972141	1.02023	1.02023	0.130192	2.55321	2.55321		0.216542	0.474399	-2.10793	0.486271	1.500533	1.500533	0.040248	0.877806	-1.1392	0.600512	1.35392	1.35392	0.762955	1.97363	4.62951	1
ap15015143	ARHGAP26;ARHGAP26 LRRC27;LRRC27;LRRC27;LRRC27;LRRC2	0.65411	0.387354	0.766468	-1.30469	0.528076	0.825403	-1.21153	0.348691	0.748564	-1.33589	0.445405	1.26301	1.26301	0.172362	0.646623	-1.5465		0.36361	0.75559	-1.32347	0.613819	0.858352	-1.16502	0.352737	0.750485	-1.33247	0.245925	0.694712	-1.43945	0.762947	1.08873	1.26845	1
ap23771949	7	0.654112	0.752817	1.15267	1.15267	0.831721	0.90874	-1.10042	0.354905	0.652179	-1.53332	0.790851	1.12697	1.12697	0.959295	1.02553	1.02553		0.135087	0.484062	-2.06355	0.741247	1.16069	1.16069	0.478656	1.38253	1.38253	0.205351	0.548329	-1.82372	0.762945	2.44374	2.84714	1
ap09104844	MT2A	0.654115	0.116554	1.46826	1.46826	0.1546	1.08317	1.08317	0.76146	0.886437	-1.08853	0.555383	1.08317	1.08317	0.76146	0.886437	-1.08853	0.555383	0.828571	-1.20692	0.662431	1.04252	1.04252	0.864355	0.930496	-1.0747	0.624879	1.32612	1.32612	0.762931	0.637922	0.743241	1
ap07985315	NPTXR	0.654128	0.480837	0.88169	-1.13419	0.213594	1.25876	1.25876	0.123807	1.34028	1.34028	0.785813	0.953264	-1.04903	0.719136	1.06551	1.06551		0.755483	0.946588	-1.05643	0.718115	0.938297	-1.06576	0.401308	1.16294	1.16294	0.935251	1.01438	1.01438	0.762921	0.373072	0.434671	1
ap09508691	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.654129	0.290356	0.65795	-1.51987	0.988573	0.994551	-1.00548	0.270604	0.645592	-1.54897	0.92399	1.03708	1.03708	0.975298	0.649002	-1.54083		0.887259	0.947321	-1.05561	0.206273	0.601347	-1.66293	0.903852	0.954945	-1.04718	0.140748	0.546376	-1.83024	0.762924	1.75852	2.04887	1
ap22757679	FBXW8;FBXW8	0.654139	0.759834	1.07401	1.07401	0.748973	1.13129	1.03129	0.214661	0.83393	-1.19914	0.826622	1.02656	1.02656	0.825394	0.728073	-1.37355		0.739647	1.0944	1.0944	0.885384	1.04705	1.04705	0.797587	-1.16583	0.782965	1.26548	0.288545	0.85798	-1.16553	0.762905	0.213534	0.272099	1
ap13618045	PRDX2;PRDX2	0.654166	0.522851	1.29698	1.29698	0.0806632	2.14177	2.14177	0.65371	1.19881	1.19881	0.472587	0.745751	-1.34093	0.382668	0.698031	-1.4326		0.908808	0.955032	-1.04709	0.708973	0.860235	-1.16247	0.681587	1.18017	1.18017	0.935781	0.968159	-1.03289	0.762866	1.94813	2.26955	1
ap16123148	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.654169	0.308393	0.762045	-1.31189	0.294301	0.839166	-1.1916	0.575	0.648386	1.54631	1.54631	0.281576	3.82037	0.154601	0.369797	-2.70417		0.760923	0.70816	-1.41225	0.481357	0.43712	-2.2877	0.310973	0.425441	2.35041	0.139274	0.42466	2.35482	0.762862	16.1446	18.8151	1
ap13309415	BAHCC1	0.65417	0.598475	0.876076	-1.14145	0.561402	1.15743	1.15743	0.345847	1.27343	1.27343	0.656218	1.11801	1.11801	0.100364	1.30636	1.30636		0.229132	0.36917	1.36917	0.115043	1.53209	1.53209	0.425149	1.22479	1.22479	0.45452	1.20885	1.20885	0.76286	0.748936	0.872664	1
ch.22.13844 9	CRKL	0.65417	0.271165	0.562982	-1.77626	0.799792	0.88034	-1.13593	0.115367	2.35951	2.35951	0.450619	0.683362	-1.46335	0.622416	1.28263	1.28263		0.5318	1.37385	1.37385	0.786716	0.872833	-1.14569	0.722874	0.836469	-1.1955	0.778077	1.15222	1.15222	0.76286	0.33896	0.3406	1
ap17580178	PPP3R1B	0.654174	0.492445	0.702416	-1.42313	0.752514	1.10239	0.197445	0.790202	-1.0088	0.137	1.63823	1.33823	0.949705	1.05172	1.03839	0.138339		0.582871	1.18639	1.18639	0.764301	0.911499	-1.09709	0.911776	0.966422	-1.03474	0.574339	1.19111	1.19111	0.762862	16.1446	18.8151	1
ap21230535	FTCD	0.654198	0.191468	0.595695	-1.67871	0.936318	0.97042	-1.03048	0.295464	0.660045	-1.5014	0.611125	1.21177	1.21177	0.141139	0.55276	-1.8091		0.814101	0.915547	-1.09224	0.735098	1.13566	1.13566	0.525651	0.785921	-1.27239	0.394177	0.721111	-1.38675	0.762818	1.69517	1.97533	1
ap00938859	SDHAP3	0.654199	0.400407	0.8607	-1.16207	0.455107	1.31188	1.31188	0.354258	1.34554	1.34554	0.464499	0.68668	-1.45618	0.355034	0.815599	-1.22613		0.560973	1.28346	1.28346	0.12304	0.514	1.6124	0.705272	1.17504	1.17504	0.917371	1.04515	1.04515	0.763	2.17762	2.53091	1
ap03583734	RF2BP1	0.65422	0.796012	0.92933	-1.07604	0.678714	1.12507	1.12507	0.407659	0.786926	-1.27077	0.984383	1.00555	1.00555	0.134395	0.633389	-1.57881		0.239661	1.41671	1.41671	0.361151	0.766764	-1.30418	0.854482	1.05331	1.05331	0.948976	0.982058	-1.01827	0.762786	0.966943	1.1268	1
ap02589074	IDS;IDS;IDS	0.654205	0.270449	0.53114	-1.88412	0.878021	0.914607	-1.09337	0.464287	0.700782	-1.42803	0.197234	2.5319	2.5319	0.647788	0.706694	-1.4143		0.286717	0.75737	-1.32057	0.884041	1.08839	1.08839	0.884291	2.5569	2.5569	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
ap18287591	TCH4	0.654235	0.418598	1.1305	1.13305	0.208272	1.51148	1.51148	0.764287	1.26635	1.26635	0.655544	0.912317	-1.09611	0.689805	1.08569	1.08569		0.946496	1.01376	1.01376	0.827875	0.956466	-1.04551	0.107073	1.14619	1.14619	0.424221	1.17793	1.17793	0.762779	0.504689	0.588129	1
ap06433132	PAK4;PAK4;PAK4;PAK4;PAK4	0.654236	0.236563	0.54337	-1.84037	0.98045	0.988021	-1.01212	0.755895	0.857808	-1.16576	0.634641	0.790215	-1.26548	0.194412	0.509067	-1.96438		0.0977795	0.409255	-2.44347	0.656258	0.802258	-1.24648	0.274741	0.571829	-1.74877	0.747797	0.853275	-1.17196	0.762763	2.92226	3.40547	1
ap08231603	AHI1;AHI1;Clor f217;AHI1;AHI1	0.654243	0.243375	2.29099	2.29099	0.759705	1.12418	1.12418	0.77822	0.907307	1.02428	0.251418	1.02428	0.251418	0.39042	2.56121	2.56121		0.286215	0.59775	-1.67333	0.648144	1.49668	1.49668	0.663072	1.74989	-1.33528	0.223272	0.429943	-2.32589	0.762753	2.35135	2.12442	1
ap13348552	MYST4	0.654252	0.471001	0.85315	-1.17213	0.556893	1.13733	1.13733	0.911265	1.02444	1.02444	0.614145	0.89574	-1.1164	0.342632	1.23585	1.23585		0.614212	0.895759	-1.11637	0.405449	1.20244	1.20244	0.830664	1.04748	1.04748	0.107829	1.46234	1.46234	0.76274	0.566668	0.660388	1
ap02450740	UBQLN2	0.654264	0.19365	0.469104	-2.64455	0.585171	0.750802	-1.33191	0.99978	1.01327	1.01327	0.274551	1.8148	1.8148	0.378134	0.624869	-1.60233		0.703179	0.553231	-1.80756	0.895966	1.07039	1.07039	0.831016	1.11753	1.11753	0.57786	1.33954	1.33954	0.762723	3.26515	3.80642	1
ap04584549	INPP5A	0.654275	0.588395	0.68035	-1.46983	0.296854	0.466537	-2.14545	0.297127	0.466751	-2.14247	0.514524	1.59349	1.59349	0.330751	0.492808	-2.02877		0.817498	0.849641	-1.17697	0.532439	0.339437	-2.94606	0.570834	1.60749	-1.49749	0.985895	1.45408	1.45408	0.762716	0.987616	-1.01254	0.762713	6.00241	6.99539	1
ap16988958	MGC26597	0.654303	0.218619	0.293181	-3.41202	0.28233	0.346569	-2.88542	0.321784	0.370757	-2.64026	0.296642	0.358302	-2.79094	0.249455	0.319276	-3.13209		0.630032	0.58464	-1.58464	0.647486	0.547156	1.54756	0.793221	0.779441	-1.28297	0.464486	0.493539	-2.02618	0.762665	10.8671	12.6657	1
ap07123132	BTBD8;BTBD8	0.654311	0.907068	0.940426	-1.06351	0.803232	1.16548	1.16548	0.90992	1.04095	1.04095	0.233786	1.31857	1.31857	0.0422	1.58196	1.58196		0.858396	1.07371	1.07371	0.684384	1.0564752	1.05396	0.947705	-1.04666	0.324173

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg13446658	PADI4;PADI6;PADI2;PADI4;PADI6;PADI2	0.655132	0.884547	0.984892	0.05475	0.516296	0.19565	0.19565	0.07555	0.07555506	1.71266	1.71266	0.831936	0.94393	1.03594	1.042368	1.05555	1.05555	0.605821	0.86819	1.15182	0.404884	0.79342	1.26037	0.91675	1.0288	1.0288	0.488044	1.2108	1.2108	0.761454	0.885105	1.0379	1
cg20151301	ADAR82	0.65514	0.510257	0.568507	-1.75899	0.784127	0.792793	-1.26136	0.387064	0.472516	-2.11633	0.913109	1.09669	1.09669	0.356559	0.448519	-2.22956		0.822078	1.20979	1.20979	0.189098	3.24258	3.24258	0.336381	2.31208	2.31208	0.434161	1.96361	1.96361	0.764442	0.62231	10.0655	1
cg13811368	C9orf46	0.65514	0.281815	0.864817	-1.15631	0.927206	1.00445	1.00445	0.435969	1.10872	1.10872	0.713005	0.95316	-1.04914	0.237465	1.17433	1.17433		0.830956	1.02815	1.02815	0.3198	0.875031	-1.14282	0.364186	0.88596	-1.12872	0.592489	1.07268	1.07268	0.761441	0.203342	0.237376	1
cg18435449	ZIK1	0.65527	0.627	0.892679	-1.12022	0.609533	1.12745	1.12745	0.675662	1.10112	1.10112	0.198002	0.79238	-1.36541	0.369788	1.23472	1.23472		0.884555	1.06728	-1.03382	0.907061	1.0271	1.0271	0.150136	0.702479	-1.42353	0.649817	0.900655	-1.1103	0.761431	0.631935	0.737733	1
cg21697779	FUNDC2	0.65515	0.115055	0.177932	-5.62011	0.9213009	0.905245	-1.10467	0.587697	0.576072	-1.73589	0.294527	2.9902	2.9902	0.902807	1.13098	1.13098		0.220835	0.273423	-3.65733	0.91042	1.12007	1.12007	0.998084	0.997584	-1.00242	0.868116	0.845831	-1.18227	0.761426	0.12407	14.2898	1
cg09266468	SNORD46;SNORD55;RPS8	0.655151	0.425524	1.38023	1.38023	0.882002	1.06058	1.06058	0.798063	1.10686	1.10686	0.129026	1.91476	1.91476	0.549255	1.27121	1.27121		0.623782	1.21625	1.21625	0.340898	1.475	1.475	0.231986	0.608706	-1.64283	0.894647	1.05387	1.05387	0.76426	1.8917	2.20776	1
cg18990365	PDE1A;PDE1A	0.655151	0.845391	0.871145	-1.14791	0.374002	0.524776	-1.90557	0.358932	1.94746	1.94746	0.664477	1.36118	1.36118	0.538057	0.643697	-1.55352		0.664258	0.734495	-1.36148	0.0983962	0.277842	-3.59917	0.436455	0.570669	-1.75233	0.972152	0.975636	-1.02497	0.761425	0.602663	7.02849	1
cg27320213	STAT5;STAT6	0.655157	0.610033	1.15665	1.35653	0.447454	1.61677	1.61677	0.722161	0.889198	-1.23579	0.980797	0.992446	-1.00765	0.462666	1.55789	1.55789		0.357552	1.75254	1.75254	0.329324	1.81661	1.81661	0.146384	0.990734	-2.50958	0.833583	0.882579	-1.13305	0.761417	0.424021	4.9502	1
cg27005740	EIF2C2;EIF2C2	0.655174	0.59549	0.679073	-1.4726	0.457125	1.72802	1.72802	0.858383	0.989718	-1.03039	0.493197	1.24619	1.24619	0.141332	0.798545	1.03532	1.03532	0.932033	0.940246	-1.06355	0.8872721	0.255707	-3.91073	0.72439	0.774365	-1.29138	0.910948	0.963184	0.760981	0.291931	6.29148	1
cg20982011	TNNT3;TNNT3;TNNT3;TNNT3	0.655185	0.383499	0.638407	-1.5664	0.940241	0.963047	-1.03837	0.408284	0.653925	-1.52923	0.653005	0.796699	-1.25518	0.0576429	0.340246	-2.93905		0.787538	0.873138	-1.14529	0.995344	0.997074	-1.00293	0.959875	1.02559	1.02559	0.580947	1.32313	1.32313	0.761376	3.04124	3.55058	1
cg06544989	UNC84B	0.655193	0.880405	0.97806	-1.02257	0.842004	0.966154	0.966154	0.771869	0.97616	-1.02456	0.838627	1.55806	1.55806	0.0178	1.73149	1.73149		0.488823	1.39307	1.39307	0.133725	1.04587	1.04587	0.925971	1.00528	1.00528	0.541761	1.33546	1.33546	0.761364	2.64501	3.08804	1
cg26846592	PYN	0.655197	0.571778	0.925393	-1.08062	0.178576	1.21401	1.21401	0.346576	1.14057	1.14057	0.338919	1.14312	1.14312	0.798545	1.03532	1.03532		0.174334	1.21663	1.21663	0.613534	1.07155	1.07155	0.32179	1.149	1.149	0.4223	1.11765	1.11765	0.761358	2.22204	0.259232	1
cg22335214	MIR137 PCBP2;PCBP2;PCBP2;PCBP2;PCBP2;PCB	0.655202	0.645412	0.554914	-1.80208	?	?	?	?	?	?	0.875681	1.21996	1.21996	0.752651	0.669223	-1.49427		0.841306	1.28995	1.28995	0.307765	3.84833	3.84833	0.982265	0.972171	-1.02863	0.110582	9.3689	9.3689	0.730903	14.2105	19.4425	1
cg01273790	P2;PCBP2	0.655204	0.562147	1.23363	1.23363	0.362304	0.715016	-1.39857	0.938301	1.02812	1.02812	0.480334	0.773351	-1.29307	0.57575	1.22452	1.22452		0.33779	0.701865	-1.42478	0.138284	0.56456	-1.77129	?	?	?	0.706907	0.87343	-1.14491	0.76487	1.34949	1.80686	1
cg02937751	PBF1;PBF1	0.655208	0.115214	0.840884	-1.6379	0.331073	0.75452	-1.51555	0.553952	0.845393	1.16316	0.834111	0.873977	-1.14419	0.670989	1.13297	1.13297		0.554668	1.18279	1.18279	0.456103	1.23768	1.23768	0.707694	0.885572	1.12554	0.741454	0.459867	0.809453	1.2354	0.741342	0.915643	1.11107	1
cg25562522	SMOC2;SMOC2	0.655209	0.553376	1.23956	1.23956	0.923139	1.03517	1.03517	0.515589	0.789681	-1.26633	0.161555	0.58541	-1.7082	0.489412	0.777628	-1.28596		0.190737	0.6088414	-1.64254	0.629777	1.19002	1.19002	0.616282	1.19838	1.19838	0.521814	0.792517	-1.2618	0.76134	1.54688	1.80603	1
cg17034457	KIF1A	0.655212	0.138451	1.23209	1.23209	0.687361	1.21098	1.21098	0.360903	1.64153	1.64153	0.793442	0.870625	-1.1486	0.627807	0.772746	-1.29409		0.932005	1.04606	1.04606	0.288725	1.78813	1.78813	0.204902	2.02557	2.02557	0.473875	1.46868	1.46868	0.76336	3.35765	3.92018	1
cg19153976	NEDD4	0.655212	0.806114	1.05918	1.05918	0.902561	0.971772	-1.02905	0.0620242	1.63432	1.63432	0.644077	0.896941	-1.1149	0.947427	0.984702	-1.01554		0.60398	1.13013	1.13013	0.611247	1.12732	1.12732	0.411269	1.21704	1.21704	0.256134	0.786728	0.873244	-1.14515	0.761336	0.659037	0.769451	1
cg27390452	RNF111	0.655219	0.122362	1.39198	1.39198	0.438512	1.16893	1.16893	0.333221	1.21795	1.21795	0.149783	1.35666	1.35666	0.285545	1.24496	1.24496		0.962712	0.990808	-1.00928	0.788318	1.0546	1.0546	0.673431	1.08734	1.08734	0.95944	0.990004	-1.0101	0.761327	0.470486	0.549317	1
cg17797848	MY6PHL	0.655226	0.844006	1.20757	1.20757	0.347604	0.776	1.15423	0.576536	0.244548	-4.08917	0.808628	1.02392	1.02392	0.790553	1.18148	1.18148		0.847907	1.20185	1.20185	0.760051	1.34089	1.34089	0.293737	3.08994	3.08994	0.109356	2.83172	2.83172	0.761315	11.0561	12.9088	1
cg19368016	CUGBP2;CUGBP2	0.65523	0.904455	0.939493	-1.0644	0.254931	1.85486	1.85486	0.606208	1.31032	1.31032	0.538733	0.723612	-1.38196	0.638101	1.27921	1.27921		0.296801	1.75458	1.75458	0.231043	1.92129	1.92129	0.279047	1.79492	1.79492	0.503846	0.702875	-1.42273	0.761311	0.25733	3.80319	1
cg22211564	CACNA2D3	0.655225	0.474001	0.833564	-1.20009	0.178553	2.5267	2.5267	0.848543	1.13243	1.13243	0.145759	0.762981	-1.31107	0.280532	1.13118	1.13118		0.225502	1.44945	1.44945	0.0847229	0.738867	1.26764	0.0850552	0.528743	-1.89126	0.0877229	0.574305	0.553162	-1.8127	0.761262	1.29491	1.68441	1
cg03381209	NFIC;NFIC	0.655272	0.650705	0.767065	-1.30367	0.0776032	0.319449	-3.13039	0.749221	0.829787	-1.20513	0.662779	0.774702	-1.29082	0.467303	0.650315	1.53772		0.534426	0.693472	-1.44202	0.162266	0.419774	-2.38224	0.386388	0.596559	-1.67628	0.871757	1.09855	1.09855	0.761248	4.08064	4.76485	1
cg11344566	CNTNAP5;CNTNAP5	0.655274	0.814128	0.942274	-1.06126	0.529424	0.85127	-1.17471	0.810986	1.06243	1.06243	0.719138	1.09549	1.09549	0.0427183	0.736752	-1.35731		0.37284	0.960325	-1.04131	0.122854	0.655397	-1.52579	0.253205	0.739625	-1.35204	0.583726	1.15011	1.15011	0.761246	0.770164	0.899302	1
cg20583858	VGLL3;ARB934	0.655289	0.313144	0.26239	-3.80827	0.490207	0.494055	-2.02305	0.914015	1.03408	1.03408	0.450514	1.18583	1.18583	0.307093	0.660442	-1.51355		0.227552	1.48485	1.48485	0.49338	1.63042	1.63042	0.877108	1.11335	1.11335	0.408825	0.617328	-1.61988	0.762123	0.804008	0.77749	1
cg00050873	TSPY4;FAM197Y2	0.655298	0.60382	1.83941	1.83941	0.108555	0.127106	-7.86744	0.892016	1.17108	1.17108	0.483565	0.436138	-2.29285	?	?	?		0.795971	1.35168	1.35168	0.576068	0.513023	-1.94923	0.692705	0.629936	-1.58746	0.2763	0.265931	-3.76037	0.748647	1.94456	16.2993	1
cg00766889	SEPHS1	0.655303	0.75691	1.19365	1.33985	0.201172	1.31111	1.16711	0.332807	1.12535	1.12535	0.417512	0.905136	-1.09041	0.97856	0.996929	-1.00308		0.312507	0.887282	-1.1274	0.626135	0.945381	-1.05779	0.691611	0.94637	1.06027	0.945195	0.975975	0.184476	1
cg24153901	GLT8D1;GLT8D1;GLT8D1	0.655305	0.314632	0.24065	2.46065	0.96314	1.04083	1.04083	0.971062	0.960071	-1.03191	0.0736754	0.177886	-5.62158	0.674598	1.44144	1.44144		0.691851	1.41193	1.41193	0.697701	1.0053	1.0053	0.888488	1.12917	1.12917	0.761194	0.91962	10.5561	1
cg03598919	C9orf67	0.655321	0.912216	1.08689	1.08689	0.221191	2.64233	2.64233	0.952544	1.07349	1.07349	0.556458	0.637992	-1.56742	0.315857	0.456778	-2.18925		0.216833	2.66939	2.66939	0.330383	2.1359	2.1359	0.698813	1.34148	1.34148	0.738539	0.776383	-1.28802	0.761177	6.88229	8.03701	1
cg03122511	NKAP	0.655335	0.253237	0.184919	-2.19498	0.579394	1.64232	1.64232	0.702102	1.16011	-1.37739	0.708794	1.64232	1.64232	0.767462	0.942037	-1.06127	0.160148	0.352498	-2.83556	0.504148	1.69527	1.69527	0.706767	0.768064	1.67342	1.67342	0.761157	3.87711	4.88336	1
cg02635449	RPH3AL	0.655344	0.177892	0.503039	-1.98804	0.0916584	0.41009	-2.43849	0.998438	0.999061	-1.00094	0.722344	0.842619	0.999061	-1.00094	0.722344	0.842619	-1.53925	0.525741	0.734477	-1.36151	0.674617	0.816556	-1.22365	0.671355	0.814478	-1.22732	0.603926	1.28555	1.28555	0.761144	2.77694	3.24301	1
cg12999837	MIF4GD	0.655347	0.592663	0.884851	-1.13016	0.376413	0.90383	-1.10547	0.816357	0.928052	-1.07743	0.0819453	0.583292	-1.71453	0.126122	-2.23113	0.604667	1.435001	0.14106	-2.76515	0.81226	1.184439	0.158583	-1.99539	0.13473	1.968888	1.968888	0.761446	0.55072	4.424301	1
cg15779643	RCVRN	0.655353	0.382155	1.56787	1.56787	0.67487	-1.23576	1.23576	0.39418	1.54947	1.54947	0.966421	1.02135	1.02135	0.109848	2.39776	2.39776		0.150734	2.16572	2.16572	0.660983	0.801369	-1.24787	0.904451	1.06211	1.06211	0.859189	1.09305	1.09305	0.76113	0.31405	3.54438	1
cg04002822	CACNA1C;CACNA1C;CACNA1C;CACNA1C C;CACNA1C;CACNA1C;CACNA1C;CACN A1C;CACNA1C;CACNA1C;CACNA1C	0.655372	0.38978	0.823258	-1.21469	0.340966	1.24179	1.24179	0.65269	1.10514	1.10514	0.644258	0.902478	-1.10806	0.629743	1.11315	1.11315		0.702284	0.918739	-1.08845	0.256419	1.29877	1.29877	0.265525	1.29182	1.29182	0.284494	1.27807	1.27807	0.761103	0.58704	0.685602	1
cg09374949	SYNA1;SYNA1;SYNA1;SYNA1;SYNA1	0.655374	0.0927546	1.32747	1.32747	0.544239	1.09856	1.09856	0.827365	1.03401	1.03401	0.457297	1.12291	1.12291	0.306957	1.17583	1.17583		0.648348	1.07285	1.07285	0.469674	0.893465	-1.11924	0.929457	0.986531	-1.01365	0.346501	1.16005	1.16005	0.7611	0.28271	0.330177	1
cg03162915	CACNA1H;CACNA1H	0.655377	0.61936	1.19747	1.19747	0.271292	1.21287	1.21287	0.360073	1.00824	1.00824	0.9087	1.07862	1.07862	0.395034	1.17651	1.17651		0.0916277	1.40522	1.40522	0.17492	1.55857	1.55857	0.0838644	1.14397	1.14397	0.761095	5.24576	7.76353	0.76256	1
cg06499933	AHSA2	0.655385	0.107651	0.331176	-3.01954	0.284652	0.49681	-2.01284	0.909837	1.07391	1.07391	0.479679	1.57187	1.57187	0.752984	0.803136	-1.24792		0.780645	1.1921	1.1921	0.474859	1.57998	1.57998	0.783385	1.18941	1.18941	0.594574	0.713114	-1.4023	0.761083	0.47551	0.57744	1
cg12793245	GAS6-AS4;GAS6-AS4	0.655405	0.454326	1.01394	1.01394	0.978553	2.58257	2.58257	0.847744	1.04874	1.04874	0.502185	1.0289	1.0289	0.438733	1.12888	1.12888	0.589553	0.813147	1.08867	1.08867	0.267329	0.808548	-1.23702	0.814756	1.44656	1.44656	0.761083	0.407624	0.775337	1
cg13442586	ERICH1	0.65539	0.592157	1.11441	1.11441	0.723607	1.07372	1.07372	0.316864	1.23031	1.23031	0.442722	1.16973	1.16973	0.698435	0.924977	-1.08111		0.321957	1.22747	1.22747	0.162886	0.742022	-1.34767	0.679854	1.08667	1.08667	0.439982	1.17088	1.17088	0.761076	0.483649	0.564872	1
cg17754515	VANGL2	0.655394	0.752346	0.945344	-1.05782	0.504301	0.886646	-1.12785	1.18608	1.28263	1.28263	0.499837	0.885493	-1.12931	0.284438	0.82084	-1.21826		0.419989	1.15753	1.15753	0.734434	1.06232	1.06232	0.642048	0.920341	-1.08655	0.42129	0.864274	1.15704	1.15704	0.761057	0.379992	0.443811	1
cg06838495	YARS	0.65454	0.923814	1.01586	1.01586	0.173613	1.26895	1.26895	0.984543	1.0242	1.0242	0.861799	1.02805	1.02805	0.709509	1.12367	1.12367	0.740908	-1.31572	0.84345	0.967951	-1.03307	0.89379	0.973364	-1.02736	0.96108	1.00808	1.00808	0.370461	0.859555	-1.16339	0.761062	0.326393	0.381213	1
cg08223748	MEF2C;MEF2C;MEF2C	0.655403	0.481933	0.881224	-1.13479	0.939536	0.986669	-1.01351	0.494108	0.884402	-1.13071	0.603964	1.097	1.097	0.333171	1.19315	1.19315		0.840913	1.03619	1.03619	0.765054	1.05445	1.05445	0.230888	0.800443	-1.249	0.919807	1.27077	1.27077	0.761057	0.377239	0.440602	1
cg02064237	ZFP2	0.655404	0.843986	0.932167	-1.07256	0.457068	1.15909	1.15909	0.979913	1.00492	1.00492	0.240494	0.770279	-1.29813	0.447247	0.826039	-1.21106		0.433543	0.855747	-1.16828	0.394534	0.45637	-2.19173	0.148614	0.309149	-3.23453	0.0975318	0.125113	0.253417	-3.94703	0.458013	0.53495	1.8687	1
cg16502497	AARS01;AARS01;RUNDC1;AARS01;AA RS01;AARS01;AARS01;AARS01	0.655404	0.931439	0.983962	-1.0163	0.396678	1.17713	1.17713	0.258441	1.24776	1.24776	0.421589	0.857051	-1.16679	0.597152	1.1053	1.1053		0.809849	0.97662	-1.02394	0.838231	1.23283	1.23283	0.84981	0.964799	-1.03649	0.245035	0.795741	-1.25649	0.761047	0.425535	0.497018	1
cg03108238	TMEM102	0.655418	0.180076	1.22373	1.22373	0.903564	1.01734	1.01734	0.659938	1.06481	1.06481	0.759892	1.04443	1.04443	0.207512	1.20744	1.20744		0.631801	1.07087	1.07087	0.140054	1.25253	1.25253	0.195766	1.21414	1.21414	0.655816	1.06569	1.06569	0.761035	0.242443	0.283174	1
cg11726911	CHD5	0.65546	0.145218	0.513368	-1.94792	0.305705	1.57156	1.57156	0.912335	1.04806	1.04806	0.536422	1.30585	1.30585	0.407863	0.697073	-1.43457		0.813476	0.90416	-1.106	0.371914	0.676536	-1.47812	0.455612	0.723313	-1.38253	0.879954	0.937612	-1.06654	0.760973	2.1898	2.55789	1
cg08251765	PTDSS2	0.655466	0.352557	0.788352	-1.26832	0.0824	1.15744	1.15744	0.718452	1.05836	1.05836	0.647118	0.70786	-1.41306	0.0814189	1.4128	1.4128		0.595481	1.17643	1.17643	1.2004	1.20543	1.20543	0.745769	1.1943	1.1943	0.266373	0.531492	0.8815	0.760966	3.55018	4.19371	1
cg13617521	DKC1;SNORA36A;DKC1	0.655472	0.874624	0.928081	-1.07749	0.635127	0.797762	-1.25351	0.224282	1.82831	1.82831	0.99948	0.999692	-1.00031	0.334392	0.624644	-1.60091		0.462218	1.42439	1.42439	0.615842	0.787321	-1.27013	0.298474	0.600861	-1.66428	0.28509	0.591669	-1.69013	0.760957	2.69254	3.14521	1
cg11458859	MAIK1	0.655478	0.745719	0.869804	-1.14968	0.177589	0.545007	-1.8482	0.942227	1.03156	1.03156	0.391378	1.45711	1.45711	0.515742	0.757228	-1.32061		0.664347	0.829315	1.20581	0.382479	0.681172	-1.46806	0.706629	0.850364	-1.17597	0.240903	0.692655	0.69248	1.44422	0.760944	2.21468	2.58704	1
cg13372766	OBSCN;OBSCN	0.655484	0.980265	0.983133	-1.01749	0.489318	1.36487	1.36487	0.35378	1.18351	1.18351	0.700824	1.29272	1.29272	0.252943	0.844559	-1.18398	0.570584	0.713954	1.07584	1.07584	0.274997	0.749668	-1.33367	0.923876	1.0675	1.0675	0.718555	1.27879	0.760939	0.5642	0.749981	1
cg06985578	AIFM3;AIFM3;AIFM3;AIFM3	0.655486	0.274355	0.537881	-1.85915	0.670719	0.792017	-1.2626	0.208941	2.05883	2.05883	0.709532	0.815462	-1.2263	0.54667	0.715857	-1.39693		0.442705	0.652635	-1.53225	0.899826	0.933062	-1.07174	0.166339	0.447245	-2.23591	0.88713	0.92549	-1.08051	0.760936	3.58246	4.18486	1
cg04324442	CELSR1	0.655489	0.90261	0.936007	1.06833	0.472103	0.955121	1.04711	0.660243	1.15449	1.15449	0.218896	0.82439	-1.21292	0.515321	0.827488	-1.20845	0.41593	0.341272	1.69872	1.69872	0.253696	1.8981	1.8981	0.414297	1.53891	1.53891	0.822676	1.70456	0.760935	1.53884	2.11034	1
cg00630549	SH3PXD2B	0.655503	0.321196	0.405962	-2.46329	0.933838	0.929571	-1.07577	0.558635	1.68245	1.68245	0.516623	0.670461	-1.49151	0.0531654	0.144798	-6.90617		0.969998	0.96746	-1.03363	0.94164	0.937629	-1.06652	0.870415	0.866231	-1.15443	0.749346	0.754308	-1.32572	0.760912	0.32373	10.8919	1
cg05173737	FLI41390	0.655508	0.569754	1.1241	1.1241	0.7241	1.1261	1.1261	0.974961	1.01969	?	?	?	?	0.597151	1.17244	1.17244		0.738562	0.936568	1.07274	0.945501	1.07274	1.07274	0.945501	0.992087	1.00637	0.924314	1.00637	1.00637	0.761024	0.148865	0.211822	1
cg02961575	TBCCD1;TBCCD1	0.655512	0.680598	1.27561	1.27561	0.214405	2.16872	2.16872	0.695501	0.793497	-1.26024	0.970156	1.02223	1.02223	0.551615	1.42552	1.42552		0.479813	0.654992	-1.52674	0.436098	0.626073	-1.59726	0.852645	0.896483	-1.11547	0.172626	0.422689	-2.36581	0.762581	4.08215	4.1635	1
cg07419740	ATP6V0E1	0.655515	0.678606	0.909383	-1.09965	0.872937	1.03716	1.03716	0.931127	0.980487	-1.0199	0.130056	0.688822	-1.45175	0.602351	0.887069	-1.12701		0.681554	0.910232	-1.09862	0.689698	0.912571	-1.09581	0.128022	0.687236	-1.4551	0.456059	1.18893	1.18893	0.760893	0.626242	0.731587	1
cg13037478	LI7B0	0.655521	0.482267	1.20944	1.20944	0.315145	1.26488	1.26488	0.742074	1.23877	1.23877	0.558394	1.36064	1.36064	0.0870853	0.559551	-1.78741		0.545522	1.27236	1.27236	0.374488	0.520853	0.559551	-1.78741	0.872283	0.971648	0.7064	1.01764	1.01764	0.583498	1.33383	1.33383	0.762567	1.91018	3.25381	1
cg07859478	PTBP1;PTBP1;PTBP1;PTBP1	0.65553	0.711255	1.46847	1.46847	0.183738	4.29457	4.29457	0.138649	5.19292	5.19292	0.751574	0.720233	-1.38844	0.54795	0.533511	-1.87438		0.959955	1.00525	1.00525	0.536119	0.523457	-1.91038	0.724494	1.4415	1.4415	0.597211	0.576342	-1.73508	0.760872	12.8679	15.0329	1
cg04547225	MBLAC1	0.655537	0.282994	0.484135	-2.34357	0.236084	0.784571	-1.27458	0.837439	1.06569	-1.04095	0.625887	0.908455	-1.10077	0.756702	0.904079	-1.06263		0.16348	1.13725	1.13725	0.611564	1.10526	1.10526	0.0977	1.06197	1.06197	0.768455	1.05939	1.05939	0.760851	0.460151	0.53758	1
cg17971895	SEL11J	0.655559	0.679891	1.55786	1.55786	0.563149	1.86744	1.86744	0.458585	0.446464	-2.23982	0.424237	2.39167	2.39167	0.353543	0.360624	-2.77297		0.36196	0.36743	-2.7216	0.631497	1.67586	1.67586	0.34288	2.30263	2.30263	0.207003	0.277368	-3.60532	0.760829	13.7567	16.0721	1
cg00420510	SLC12A7	0.655562	0.128588	0.351573	-2.84436	0.30978	0.512268	-1.9521	0.582329	0.702221	-1.42405	0.25444	0.46092	-2.13256	0.210776	0.432061	-2.31449		0.2649	0.47736	-2.09486	0.303151	0.507229	-1.9715	0.605591	0.717639	-1.39307	0.520623	0.660732	-1.51347	0.760826	4.88053	5.70203	1
cg04324442	NARF;NAIF;NARF;NARF	0.655562	0.49834	1.15814	1.15814	0.465923	1.17173	1.17173	0.737966	1.16194	1.16194	0.462036	1.25174	1.25174	0.370682	1.11469	1.11469		0.764768	1.10619	1.10619	0.442515	0.845993	-1.18204	0.583855	0.881286	-1.13483	0.782795	0.931021	1.07383	1.07383	0.760821	0.545699	0.642226	1
cg13583586	PTDSS2	0.655566	0.736889	0.749653	-1.33395	0.546465	1.68458	1.68458	0.25893	2.73593	2.73593	0.953761	1.05079	1.05079	0.595685	0.63279	-1.5803		0.539447	1.70045	1.70045	0.626401	1.52076	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg21910021	ZIK1	0.6560862	0.345636	2.50918	0.50918	0.283547	0.19278	2.87278	0.115123	5.0663	5.0663	0.8180888	0.1804938	-1.24233	0.396907	0.439539	-1.27511	0.9158	0.904685	-1.10536	0.836836	0.822573	-1.2157	0.576827	1.70567	1.70567	0.8706818	1.16695	1.16695	0.7620594	10.7997	12.62696	1
cg05093251	TBL3	0.6560679	0.522742	1.32308	1.32308	0.804267	0.647417	-1.5446	0.703665	0.511818	-1.95382	0.522225	3.12767	3.12767	?	?	?	0.3880511	4.76668	4.76668	0.545895	16.5018	16.5018	0.20288	11.0097	11.0097	0.70503	1.94742	1.94742	0.750273	30.7939	30.7826	1
cg23169588	TMCO3	0.6560084	0.726405	1.13993	1.13993	0.91628	1.03998	1.03998	0.356095	1.4306	1.4306	0.342611	0.6945536	-1.43981	0.731577	0.879528	-1.13997	0.1150098	0.527969	-1.89405	0.590607	1.22441	1.22441	0.5800998	1.23162	1.23162	0.6948399	0.863309	-1.15833	0.7600862	1.67305	1.95662	1
cg15577822	CNST;CNST	0.6560889	0.628025	1.82512	-1.21194	0.441321	0.73151	-1.36331	0.44823	0.754347	-1.32565	0.459936	1.730692	-1.36857	0.602978	1.230316	1.230316	0.4657222	0.745985	-1.34051	0.401191	1.40383	1.40383	0.20544	1.920174	-1.69442	0.2142237	0.596789	-1.67963	0.7600555	1.875386	2.19383	1
cg14283099	SNRPE	0.6560698	0.789622	0.924767	-1.08135	0.569027	1.183335	1.183335	0.95926	0.98517	-1.01505	0.920133	0.971092	-1.02977	0.123365	0.613746	-1.62934	0.7450584	0.908981	1.10013	0.809193	1.07332	1.07332	0.777051	1.08658	1.08658	0.153219	1.56415	1.56415	0.760402	1.02977	1.20434	1
cg27498675	ATP5SL;ATP5SL	0.6561158	0.634232	0.914879	-1.09304	0.220972	0.78756	-1.26974	0.718229	1.06957	1.06957	0.667679	1.08347	1.08347	0.243696	1.25408	1.25408	0.857881	1.03383	1.03383	0.408332	0.854729	-1.16996	0.35553	0.838282	-1.19292	0.5004886	1.13534	1.13534	0.760013	0.4546576	0.484993	1
cg25063710	RGS12;RGS12	0.6561121	0.363494	0.432354	-2.31191	0.682488	1.44643	1.44643	0.647847	0.661869	-1.51087	0.8841769	1.55442	1.55442	0.467403	0.515	-1.94175	0.60322	0.624637	-1.60093	0.8008096	0.8043911	-1.24218	0.027272	1.08536	1.08536	0.9205566	0.9914378	-1.00964	0.7600008	9.69146	11.3373	1
cg25436129	RGS12;RGS12;RGS12	0.6561126	0.455778	1.54353	1.54353	0.592335	1.0498	1.0498	0.149045	0.147727	0.611673	-2.42911	0.401087	0.611932	-1.63417	0.356397	1.71962	1.719162	0.533349	1.43407	1.43407	0.651278	1.29694	1.29694	0.3154533	0.685424	-1.45895	0.272361	0.818723	-1.22241	0.7600008	3.93056	4.5971	1
cg01466198	ASAP1	0.6561221	0.559562	0.880621	-1.13556	0.221086	1.31936	1.31936	0.682728	1.09258	1.09258	0.589538	0.889272	-1.12452	0.573178	0.884572	-1.13049	0.2696844	1.28101	1.28101	0.444273	0.845326	-1.18298	0.315032	0.799441	-1.25087	0.891475	0.970316	-1.02985	0.7600008	0.558762	0.653517	1
cg25456169	TMCO7	0.6561356	0.588615	1.69861	1.69861	0.729496	0.743086	1.34573	0.353748	0.639348	1.56409	0.3867387	2.2613	2.2613	0.389747	1.50821	1.50821	0.8108512	1.213111	1.213111	0.382826	0.7897287	1.3114	1.3114	0.4706	0.351669	2.844754	2.16474	2.16474	0.7599887	7.81447	9.13989	1
cg19435547	TRAPPC9;TRAPPC9	0.6561444	0.528007	0.775991	-1.28867	0.412954	0.717175	-1.39436	0.921279	0.961502	-1.04004	0.311259	0.65963	-1.516	0.0532317	0.418014	-2.39227	0.6965078	0.855869	-1.1684	0.84545	0.9524315	-1.08059	0.875245	1.06439	0.936489	0.930685	1.03516	1.03516	0.7599474	1.8988	2.22066	1
cg01228054	RRAGA	0.6561461	0.178143	0.79382	-1.31784	0.934375	1.20177	1.20177	0.197741	0.766904	-1.30203	0.824191	0.957988	-1.04385	0.857464	1.025514	1.025514	0.9566168	0.990453	1.05006	0.927391	1.01774	1.01774	0.687324	1.08175	1.08175	0.1096889	1.18216	1.18216	0.759071	0.4478868	0.523842	1
cg19889795	FABP6;FABP6	0.6561568	0.637668	1.26344	1.26344	0.509264	1.391	1.391	0.236904	0.542892	-1.84199	0.537918	1.35993	1.35993	0.398574	0.653094	-1.53117	0.3887211	1.00699	1.00699	0.212995	1.90886	1.90886	0.949408	1.60758	1.60758	0.812078	1.12457	1.12457	0.7599955	2.92457	3.42075	1
cg03180302	TTR	0.6561617	0.24998	0.492688	-2.02968	0.841623	0.888873	-1.12502	0.509078	0.726553	-1.37636	0.680642	0.783735	-1.27594	0.0692194	0.302109	-3.31006	0.613148	0.740676	-1.35012	0.396588	0.5998808	-1.6672	0.602817	0.734096	-1.36222	?	?	?	0.754438	1.63835	4.88083	1
cg06302998	USP6NL;USP6NL	0.6561658	0.456031	0.646187	-1.54754	0.2393	0.532628	-1.90976	0.331748	0.562153	-1.77888	0.778673	0.850386	-1.17594	0.0651319	0.303893	-3.29063	0.380685	0.556184	-1.7973	0.3510603	1.06674	1.06674	0.634495	0.755183	-1.32461	0.773937	0.847345	-1.18016	0.7599339	3.98194	4.65761	1
cg09134499	UMF1	0.6561893	0.6081377	1.29062	1.29062	0.686104	0.221951	2.122195	0.628806	1.27166	1.27166	0.595963	1.30214	1.30214	0.388354	1.54678	1.54678	0.19389	1.97025	1.97025	0.21579	1.90165	1.90165	0.8895213	2.51831	2.51831	0.978572	1.01334	1.01334	0.7599009	2.92947	3.42669	1
cg02738374	ATP11A;ATP11A	0.6561911	0.435544	1.45687	1.45687	0.529325	0.565952	-1.76694	0.882645	0.937512	-1.07237	0.20702	1.68695	1.68695	0.567705	1.37083	1.37083	0.607124	1.27803	1.27803	0.426357	1.468844	1.46844	0.321885	0.616285	-1.62263	0.548558	1.333	1.333	0.7599906	2.60164	3.14968	1
cg07736155	PDE2A;PDE2A;PDE2A	0.6562002	0.984795	0.995247	-1.00479	0.85048	0.048311	-1.04831	0.557183	1.16001	1.16001	0.624015	0.8870656	-1.12731	0.76811	0.07683	1.07683	0.167032	0.1691019	-1.44926	0.1133353	0.6671066	-1.49001	0.414377	0.811647	-1.23206	0.4859946	0.837778	-1.19363	0.7599389	0.752225	0.879922	1
cg13276306	ANGPT1	0.6562013	0.874046	0.943068	-1.06037	0.568286	0.808086	-1.23749	0.971139	1.01346	1.01346	0.756906	0.891609	-1.12157	0.924351	0.965516	-1.03572	0.370303	1.40486	1.40486	0.134226	1.81617	1.81617	0.158709	1.74482	1.74482	0.877653	0.944668	-1.05857	0.7599888	1.64308	1.92201	1
cg24067755	B902;TMEM91	0.6562212	0.447443	0.582848	-1.71571	0.804999	1.18504	1.18504	0.738789	1.26279	1.26279	0.462143	1.6852	1.6852	0.690065	1.09304	1.09304	0.331225	2.0016	2.0016	0.144061	0.331655	3.01522	0.353984	0.194339	-1.94424	0.805658	1.18752	1.18752	0.7598876	5.85003	6.84326	1
cg04667226	CPE84	0.6562213	0.214295	1.82203	1.82203	0.35644	1.1975	1.1975	0.434133	0.859286	-1.16376	0.618551	1.10008	1.10008	0.840196	1.03911	1.03911	0.868083	1.03209	1.03209	0.195321	0.770845	-1.29728	0.804443	1.04827	1.04827	0.495749	1.14046	1.14046	0.7598454	0.434558	0.508339	1
cg22228748	LPPR5;LPPR5	0.6562218	0.555776	0.864024	-1.15693	0.153309	1.19504	1.19504	0.46945	0.728463	-1.37246	0.5844	1.23843	1.23843	0.4174	1.17786	1.17786	0.7599753	1.07552	1.07552	0.149171	1.77386	1.77386	0.7879391	1.66307	1.66307	0.1455167	1.25167	1.25167	0.504562	1.20013	1.20013	1.102696	1
cg15792766	C7orf44	0.6562235	0.657229	1.06732	1.06732	0.906545	0.983012	-1.01728	0.643273	0.934223	-1.07041	0.219475	1.2073	1.2073	0.380179	1.14035	1.14035	0.1718303	0.808789	-1.23642	0.551531	1.09187	1.09187	0.81844	1.03411	1.03411	0.442049	1.12115	1.12115	0.759843	0.25614	0.299641	1
cg19521564	DOK3;DOK3	0.6562241	0.087046	0.609347	-1.6411	0.876395	0.140165	1.04165	0.9291	0.97694	-1.0236	0.792226	0.9331132	-1.07166	0.3664268	0.783169	-1.27686	0.6815579	0.80749	-1.11422	0.166359	0.679178	-1.47237	0.750851	0.919884	-1.08709	0.3529	0.778341	-1.28478	0.958833	0.827022	0.96749	1
cg00949592	LBE2B;UBE2B	0.6562268	0.782786	0.882614	-1.13326	0.43576	0.82699	1.20609	0.331748	0.562153	1.77581	1.13758	1.37525	1.37525	0.967617	-1.07803	0.464119	0.2956061	0.808243	1.2375	0.703245	0.9884273	-1.00133	0.915812	1.22581	1.22581	0.767486	1.13488	1.13488	0.759823	0.463772	0.542549	1
cg20495183	OPCML;OPCML	0.6562448	0.227677	0.65605	-1.52428	0.260885	0.676846	-1.47744	0.753105	0.900293	-1.11075	0.187636	1.5917	1.5917	0.677909	0.87021	-1.14915	0.6543552	0.860702	-1.16184	0.352581	0.7273107	-1.37494	0.661643	0.86365	-1.15788	0.993021	0.9970393	-1.00292	0.759823	1.33332	1.55981	1
cg09226388	BMP4;BMP4;BMP4	0.6562521	0.787036	0.847344	-1.18009	0.023383	1.68588	1.68588	0.754468	1.21852	1.21852	0.879486	1.0984396	-1.01585	0.629707	0.779491	-1.28271	0.6997582	0.995582	-1.00444	?	?	?	0.994224	0.995582	-1.00444	0.98376	0.979042	-1.02455	0.746313	0.9258	1.05393	0.52674	1
cg16631265	ZC3H3	0.6562524	0.124174	0.395469	-2.52865	0.589057	0.740372	-1.35067	0.898367	1.07287	1.07287	0.731315	0.85794	-1.16558	0.889344	0.926237	1.07964	0.534907	1.707135	-1.41416	0.243879	1.96545	1.96545	0.794229	0.865967	-1.15478	0.326674	0.763842	1.31093	0.763842	1.57608	1.76912	1
cg09913544	CBX6	0.6562556	0.716501	1.39863	1.39863	0.956599	1.051131	1.051131	0.708243	0.70763	-1.41317	0.729242	0.726414	-1.37663	0.172625	0.259944	-3.84699	0.8645144	0.85468	-1.17003	0.436529	2.07914	2.07914	0.300981	2.69296	2.69296	0.263924	2.93709	2.93709	0.7614456	9.97798	10.1919	1
cg10478435	KCNJ12	0.6562613	0.244017	1.61385	1.61385	0.706143	1.39237	1.39237	0.190437	0.754373	-1.28871	0.2339	?	?	?	?	?	0.1668813	0.372771	2.68261	0.2391	0.438663	-2.27964	0.646212	0.733883	-1.36274	0.732885	0.795014	-1.25784	0.745206	0.470464	0.513245	1
cg02826844	NAA15	0.6562669	0.307993	0.835685	-1.19662	0.421791	0.14981	1.14981	0.199361	0.99344	-1.0066	0.606482	1.09241	1.09241	0.448754	1.14033	1.14033	0.94381	1.98081	-1.01206	0.9648	1.01044	1.01044	0.605004	0.913932	-1.09417	0.115851	0.747708	-1.33742	0.759792	0.348225	0.407393	1
cg08982727	TRIO	0.6562672	0.456623	0.615155	-1.62553	0.178236	1.63389	1.63389	0.261628	1.33724	1.33724	0.684196	0.6003707	-1.66662	0.253133	0.818351	-1.22208	0.6617703	0.747416	-1.33794	0.4782	1.47822	1.47822	0.194178	1.60786	1.60786	0.1847385	1.52414	1.47822	0.194178	1.60786	1.52414	1
cg19251737	CLSTN1;CLSTN1	0.6562728	0.853467	0.954773	-1.04737	0.470307	1.20184	1.20184	0.799354	1.06583	1.06583	0.158991	1.45765	1.45765	0.88518	1.03683	1.03683	0.500793	1.18656	1.18656	0.137042	1.4932	1.4932	0.419074	0.813285	-1.22958	0.986365	1.00429	1.00429	0.7597776	0.7540011	0.882144	1
cg24455205	PET117	0.6562796	0.398264	0.849742	-1.17683	0.494472	0.877558	-1.13953	0.166168	1.32045	1.32045	0.475199	0.87223	-1.14649	0.960713	1.00932	1.00932	0.718242	0.934061	-1.07059	0.785143	0.9409118	-1.05272	0.536942	1.12491	1.12491	0.281598	1.1245	1.1245	0.759753	0.426469	0.498956	1
cg00595678	ZBTB42;ZBTB24	0.6562837	0.593807	1.16424	1.16424	0.745053	1.03309	1.03309	0.24346	0.64346	-1.55405	0.883511	1.88591	1.88591	0.864094	1.24387	1.24387	1.1855	1.10579	1.10579	0.646044	1.33333	1.33333	0.1466264	1.12519	-1.19115	0.956183	0.979776	-1.02883	0.6603567	1.25703	1.38521	2.35762	1
cg11281291	ARHGEF9	0.6562931	?	?	?	0.153067	0.0260486	-38.3898	0.71754	0.420598	-2.33757	0.219444	21.7294	21.7294	0.718969	2.36662	2.36662	0.451372	0.160516	-6.22991	0.795787	1.85579	1.85579	0.743431	2.18808	2.18808	0.874701	0.685454	-1.45676	0.745226	59.6284	80.0139	1
cg21014972	GPC1	0.6563184	0.506534	1.17186	1.17186	0.760966	0.456566	1.46266	0.672455	1.10532	1.10532	0.654459	1.13183	1.13183	0.672455	0.931868	-1.07377	0.6798604	0.909858	-1.10259	0.521656	1.162899	1.16299	0.7705243	1.02189	1.02189	0.770421	1.02189	1.02189	0.770421	0.626642	0.779522	1
cg19784622	DOCK1	0.6563192	0.929369	1.03103	1.03103	0.925012	1.03298	1.03298	0.892093	0.95429	-1.0479	0.226458	0.9331132	-1.07166	0.8664234	0.954025	-1.04826	0.5881115	1.20742	1.20742	0.1821143	1.9425	1.9425	0.596132	1.20247	1.20247	0.940985	0.977338	-1.02319	0.759718	1.42975	1.67285	1
cg03190911	TAPBP;TAPBP;TAPBP	0.6563199	0.162341	0.48635	-2.05613	0.815137	1.11982	1.11982	0.56151	1.32344	1.32344	0.672738	0.81441	-1.22788	0.16003	0.489818	-2.04157	0.3592586	0.634156	-1.5769	0.350591	0.6286088	-1.59082	0.876986	1.07772	1.07772	0.6038319	0.776497	-1.28783	0.759689	2.80928	3.28706	1
cg06571167	CDK13;CDK13	0.6563251	0.88124	1.13496	1.13496	0.909077	1.332333	1.332333	0.329907	0.783702	-1.27677	0.339996	1.754	1.754	0.864301	1.08504	1.08504	0.5588232	1.19732	1.19732	0.360755	0.8872152	-1.12707	0.381751	1.24626	1.24626	0.143643	0.419547	1.1033	1.1033	0.926602	0.102189	0.117021	0.6662642	0.779522	1
cg01103591	MAP1A	0.6563356	0.878079	1.06708	1.06708	0.939848	1.03243	1.03243	0.114901	0.484313	-2.06476	0.916311	0.9565222	-1.04545	0.580785	1.26603	1.26603	0.625466	0.812173	-1.23126	0.342724	0.6141	-1.51194	0.738832	1.1152	1.1152	0.283393	1.60215	1.60215	0.759655	2.15182	2.51786	1
cg03175206	C5orf21	0.6563368	0.782786	0.882614	-1.13326	0.43576	0.82699	1.20609	0.331748	0.562153	1.77581	1.13758	1.37525	1.37525	0.967617	-1.07803	0.464119	0.7708527	0.955193	1.04683	0.934232	0.6505883	-1.53704	0.663445	0.998673	-1.00133	0.915812	1.22581	1.22581	0.767486	1.13488	1.13488	0.759823	0.463772	0.542549	1
cg17526936	OXR1	0.6564	0.194442	2.1024	2.1024	0.315052	1.75486	1.75486	0.598135	1.33367	1.33367	0.914938	1.74538	1.74538	0.606251	0.754683	-1.32506	0.5918586	0.995533	1.00317	1.00317	0.9474272	0.964932	-1.03634	0.158255	2.26269	2.26269	0.757444	0.845608	-1.18258	0.759601	3.52547	4.12553	1
cg06329972	PHLDA3	0.6564017	0.195627	0.642008	-2.01551	0.938657	1.161468	1.161468	0.324828	0.588651	1.69415	0.5705	1.852812	1.852812	0.979486	1.005282	1.005282	0.5054114	0.515808	-1.93979	0.2045	0.7174688	-1.39379	0.435755	0.708334	-1.41216	0.2409	0.743813	-1.34493	0.759389	0.567364	0.619099	0.540651	1
cg16631265	ZC3H3	0.6564253	0.124174	0.395469	-2.52865	0.589057	0.740372	-1.35067	0.898367	1.07287	1.07287	0.731315	0.85794	-1.16558	0.889344	0.926237	1.07964	0.534907	1.707135	-1.41416	0.243879	1.96545	1.96545	0.794229	0.865967	-1.15478	0.326674	0.763842	1.31093	0.763842	1.57608	1.76912	1
cg09153944	CBX6	0.6564256	0.716501	1.39863	1.39863	0.956599	1.051131	1.051131	0.708243	0.70763	-1.41317	0.729242	0.726414	-1.37663	0.172625	0.259944	-3.84699	0.8645144	0.85468	-1.17003	0.436529	2.07914	2.07914	0.300981	2.69296	2.69296	0.263924	2.93709	2.93709	0.7614456	9.97798	10.1919	1
cg10478435	KCNJ12	0.6562613	0.244017	1.61385	1.61385	0.706143	1.39237	1.39237	0.190437	0.754373	-1.28871	0.2339	?	?	?	?	?	0.1668813	0.372771	2.68261	0.2391	0.438663	-2.27964	0.646212	0.733883	-1.36274	0.732885	0.795014	-1.25784	0.745206	0.470464	0.513245	1
cg02826844	NAA15	0.6562669	0.307993	0.835685	-1.19662	0.421791	0.14981	1.14981	0.199361	0.99344	-1.0066	0.606482	1.09241	1.09241	0.448754	1.14033	1.14033	0.94381	1.98081	-1.01206	0.9648	1.01044	1.01044	0.605004	0.913932	-1.09417	0.115851	0.747708	-1.33742	0.759792	0.348225	0.407393	1
cg08982727	TRIO	0.6562672	0.456623	0.615155	-1.62553	0.178236	1.63389	1.63389	0.261628	1.33724	1.33724	0.684196	0.6003707	-1.66662	0.253133	0.818351	-1.22208	0.6617703	0.747416	-1.33794	0.4782	1.47822	1.47822	0.194178	1.60786	1.60786	0.1847385	1.52414	1.47822	0.194178	1.60786	1.52414	1
cg19251737	CLSTN1;CLSTN1	0.6562728	0.853467	0.954773	-1.04737	0.470307	1.20184	1.20184	0.799354	1.06583	1.06583	0.158991	1.45765	1.45765	0.88518	1.03683	1.03683	0.500793	1.18656	1.18656	0.137042	1.4932	1.4932	0.419074	0.813285	-1.22958	0.986365	1.00429	1.00429	0.7597776	0.7540011	0.882144	1
cg24455205	PET117	0.6562796	0.398264	0.849742	-1.17683	0.494472	0.877558	-1.13953	0.166168	1.32045	1.32045	0.475199	0.87223	-1.14649	0.960713	1.00932	1.00932	0.718242	0.934061	-1.07059	0.785143	0.9409118	-1.05272	0.536942	1.12491	1.12491	0.281598	1.1245	1.1245	0.759753	0.426469	0.498956	1
cg00595678	ZBTB42;ZBTB24	0.6562837	0.593807	1.16424	1.16424	0.745053	1.03309	1.03309	0.24346	0.64346	-1.55405	0.883511	1.88591	1.88591	0.864094	1.24387	1.24387	1.1855	1.10579	1.10579	0.646044	1.33333	1.33333	0.1466264	1.12519	-1.19115	0.956183	0.979776	-1.02883	0.6603567	1.25703	1.38521	2.35762	1
cg11281291	ARHGEF9	0.6563431	?	?	?	0.153067	0.0260486	-38.3898	0.71754	0.420598	-2.33757	0.219444	21.7294	21.7294	0.718969	2.36662	2.36662	0.451372	0.160516	-6.22991	0.795787	1.85579	1.85579	0.743431	2.18808	2.18808	0.874701	0.685454	-1.45676	0.745226	59.6284	80.0139	1
cg21014972	GPC1	0.6563184	0.506534	1.17186	1.17186	0.760966	0.456566	1.46266	0.672455	1.10532	1.10532	0.654459	1.13183	1.13183	0.672455	0.931868	-1.07377	0.6798604	0.909858	-1.10259	0.521656	1.162899	1.16299	0.7705243	1.02189	1.02189	0.770421	1.02189	1.02189	0.770421	0.626642	0.779522	1
cg19784622	DOCK1	0.6563192	0.929369	1.03103	1.03103	0.925012	1.03298	1.03298	0.892093	0.95429	-1.0479	0.226458	0.9331132	-1.07166	0.8664234	0.954025	-1.04826	0.5881115	1.20742	1.20742	0.1821143	1.9425	1.9425	0.596132	1.20247	1.20247	0.940985	0.977338	-1.02319	0.759718	1.42975	1.67285	1
cg03190911	TAPBP;TAPBP;TAPBP	0.6563199	0.162341	0.48635	-2.05613	0.815137	1.11982	1.11982	0.56151	1.32344	1.32344	0.672738	0.81441	-1.22788	0.16003	0.489818	-2.04157	0.3592586	0.634156	-1.5769	0.350591	0.6286088	-1.59082	0.876986	1.07772	1.07772	0.6038319	0.776497	-1.28783	0.759689	2.80928	3.28706	1
cg06571167	CDK13;CDK13	0.6563251	0.88124	1.13496	1.13496	0.909077	1.332333	1.332333	0.329907	0.783702	-1.27677	0.339996	1.754	1.754	0.864301	1.08504	1.08504	0.5588232	1.19732	1.19732	0.360755	0.8872152	-1.12707	0.381751	1.24626	1.24626	0.143643	0.419547	1.1033	1.1033	0.926602	0.102189	0.117021	0.6662642	0.779522	1
cg01103591	MAP1A	0.6563356	0.878079	1.06708	1.06708	0.939848	1.03243	1.03243	0.114901	0.484313	-2.06476	0.916311	0.9565222	-1.04545	0.580785	1.26603	1.26603	0.625466	0.812173	-1.23126	0.342724	0.6141	-1.51194	0.738832	1.1152	1.1152	0.283393	1.60215	1.60215	0.759655	2.15182	2.51786	1
cg03175206	C5orf21	0.6563368	0.782786	0.882614	-1.13326	0.43576	0.82699	1.20609	0.331748	0.562153	1.77581	1.13758	1.37525	1.37525	0.967617	-1.07803	0.464119	0.7708527	0.955193	1.04683	0.934232	0.6505883	-1.53704	0.663445	0.998673	-1.00133	0.915812	1.22581	1.22581	0.767486	1.13488	1.13488	0.759823	0.463772	0.542549	1
cg17526936	OXR1	0.6564	0.194442	2.1024	2.1024	0.315052	1.75486	1.75486	0.598135	1.33367	1.33367	0.914938	1.74538	1.74538	0.606251	0.754683	-1.32506	0.5918586	0.995533	1.00317	1.00317	0.9474272	0.964932	-1.03634	0.158255	2.26269	2.26269	0.757444	0.845608	-1.18258	0.759601	3.52547	4.12553	1
cg06329972	PHLDA3	0.6564017	0.195627	0.642008	-2.01551	0.938657	1.161468	1.161468	0.324828	0.588651	1.69415	0.5705	1.852812	1.852812	0.979486	1.005282	1.005282	0.5054114	0.515808	-1.93979	0.2045	0.7174688	-1.39379	0.435755	0.708334	-1.41216	0.2409	0.743813	-1.34493	0.759389	0.567364	0.619099	0.540651	1
cg09153944	CBX6	0.6564256	0.716501	1.39863	1.39863	0.956599	1.051131	1.051131	0.708243	0.70763	-1.41317	0.729242	0.726414	-1.37663	0.172625	0.259944	-3.84699	0.8645144	0.85468	-1.17003	0.436529	2.07914	2.07914	0.300981	2.69296	2.69296	0.263924	2.93709	2.93709	0.7614456	9.97798	10.1919	1
cg10478435	KCNJ12	0.6562613	0.244017	1.61385	1.61385	0.706143	1.39237	1.39237	0.190437	0.754373	-1.28871	0.2339	?	?	?	?	?	0.1668813	0.372771	2.68261	0.2391	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19780807	C1GALT1C1;C1GALT1C1;C1GALT1C1;C1GALT1C1	0.657185	0.21779	0.193582	-5.16576	0.384446	0.323216	-3.0939	0.488022	0.409715	-2.44072	0.321125	3.66297	3.66297	0.58846	1.99746	1.99746	0.199756	0.179834	-5.56069	0.992718	0.988508	-1.01163	0.856383	0.794974	-1.2579	0.925416	1.12591	1.12591	0.758456	19.2688	22.5825	1
cg11469098	EFCAB1;EFCAB1;EFCAB1;EFCAB1;EFCAB1	0.657188	0.712009	0.788103	-1.26887	0.148959	2.70197	2.70197	0.906691	0.927461	-1.07821	0.666552	0.756997	-1.32101	0.407802	0.580558	-1.72248	0.377306	0.558896	-1.78924	0.507739	0.649499	-1.53965	0.555379	1.46678	1.46678	0.413453	1.71077	1.71077	0.75845	4.95421	5.80624	1
cg21652012	GABRP	0.657208	0.230843	0.681279	-1.46783	0.710679	1.12049	1.12049	0.539577	1.20881	1.20881	0.578391	0.842475	-1.18698	0.766635	0.913134	-1.09513	0.973176	0.989786	-1.01032	0.202878	1.5075	1.5075	0.231973	1.46634	1.46634	0.993246	1.00259	1.00259	0.758422	1.11984	1.31249	1
cg24493137	CNST;CNST;TFB2M	0.657224	0.734036	0.945405	-1.05775	0.884222	1.02428	1.02428	0.904301	1.02	1.02	0.82355	0.963902	-1.03745	0.83088	0.965403	-1.03584	0.281727	0.831797	-1.20222	0.572034	0.910282	-1.09856	0.825069	0.964213	-1.03712	0.0757258	1.38463	1.38463	0.758398	0.325525	0.381536	1
cg22017733	MAT2B;MAT2B	0.657239	0.810587	0.872582	-1.14602	0.646866	1.29932	1.29932	0.411281	1.61112	1.61112	0.614014	1.33468	1.33468	0.747029	0.83217	-1.20168	0.700466	1.24536	1.24536	0.237679	0.495506	-2.01814	0.126176	2.55815	2.55815	0.523639	1.44324	1.44324	0.758377	3.87042	4.5365	1
cg15696278	YWHAG	0.657251	0.98156	1.00399	1.00399	0.515864	1.12023	1.12023	0.797302	1.04535	1.04535	0.899082	0.978372	-1.02211	0.123486	1.33313	1.33313	0.451307	1.1414	1.1414	0.720252	1.06393	1.06393	0.438421	1.14592	1.14592	0.0992116	1.36542	1.36542	0.758358	0.356706	0.418104	1
cg03128163	EBF3	0.657256	0.559777	0.809184	-1.23581	0.637943	0.843513	-1.18552	0.0572376	0.461936	-2.1648	0.927564	0.967881	-1.03319	0.801283	1.09477	1.09477	0.891162	1.05038	1.05038	0.607018	1.20475	1.20475	0.553723	1.23996	1.23996	0.915222	1.03897	1.03897	0.758351	1.54827	1.81478	1
cg18245365	FAM120B	0.657256	?	?	?	0.371227	0.319212	-3.13271	0.47266	2.45669	2.45669	0.933155	1.10662	1.10662	?	?	?	0.903907	0.864247	-1.15708	?	?	?	0.675574	1.66767	1.66767	0.243846	0.212338	-4.70947	0.721591	9.67066	8.93457	1
cg24690588	C1orf168	0.657268	0.740126	0.859138	-1.16396	0.110177	2.21248	2.21248	0.482859	1.38444	1.38444	0.615048	0.793519	-1.26021	0.290931	0.606606	-1.64852	0.556456	1.31168	1.31168	0.687504	1.20254	1.20254	0.648822	0.811294	-1.2326	0.943526	1.03284	1.03284	0.758334	2.49868	2.92885	1
cg12607967	LRRC7;PIN1L	0.657309	0.559019	0.813127	-1.22982	0.562457	0.81463	-1.22755	0.973955	1.0115	1.0115	0.5529	0.810445	-1.23389	0.104345	0.537085	-1.8619	0.767224	0.901293	-1.10952	0.27502	1.48826	1.48826	0.614605	0.837154	-1.19452	0.363342	0.721033	-1.3869	0.758274	1.47202	1.72558	1
cg15715256	CCDC152	0.657322	0.230226	2.27818	2.27818	0.409477	1.73635	1.73635	0.618907	0.720363	-1.38819	0.365665	0.544455	-1.8367	0.28516	2.06714	2.06714	0.742522	1.24065	1.24065	0.926737	1.06201	1.06201	0.239845	2.23681	2.23681	0.807622	0.852507	-1.17301	0.758255	5.13835	6.0236	1
cg06523340	GNPAT;C1orf131;C1orf131	0.657332	0.447183	1.69516	1.69516	0.369626	0.533829	-1.87326	0.881629	1.10684	1.10684	0.795213	0.837618	-1.19386	0.976005	1.0207	1.0207	0.674652	1.33323	1.33323	0.180687	2.63346	2.63346	?	?	?	0.202851	2.49885	2.49885	0.743709	4.85895	6.5334	1
cg10098216	NDUFB8	0.657336	0.616528	1.18657	1.18657	0.518618	1.24821	1.24821	0.874968	1.0548	1.0548	0.487896	0.787597	-1.26968	0.744299	0.89504	-1.11727	0.829458	1.07582	1.07582	0.999681	0.999864	-1.00014	0.171801	1.63696	1.63696	0.108881	1.80835	1.80835	0.758235	1.3785	1.61604	1
cg00030508	TRIM15	0.657337	0.570414	0.781552	-1.27951	0.156134	1.91955	1.91955	0.525367	1.31864	1.31864	0.663101	0.828286	-1.20731	0.504484	0.747438	-1.3379	0.685536	0.839487	-1.1912	0.644439	0.818947	-1.22108	0.752265	1.1458	1.1458	0.218742	1.74362	1.74362	0.758233	2.21835	2.60061	1
cg21088259	METRNL	0.657339	0.424637	1.19785	1.19785	0.879947	0.96709	-1.03403	0.185452	0.732792	-1.36464	0.136832	0.701288	-1.42595	0.92625	1.02071	1.02071	0.664374	1.10148	1.10148	0.905519	1.02664	1.02664	0.821536	1.0513	1.0513	0.466591	0.848714	-1.17825	0.75823	0.588698	0.690143	1
cg09556700	SKI	0.657344	0.515384	0.583902	-1.71262	0.828255	1.19389	1.19389	0.496411	1.75646	1.75646	0.75746	0.77672	-1.28747	0.180193	0.313206	-3.19279	0.653736	0.691902	-1.44529	0.119876	0.252491	-3.96054	0.960688	1.04103	1.04103	0.66916	1.41996	1.41996	0.758224	7.99004	9.36697	1
cg19177600	RASGRP1;RASGRP1	0.657352	0.946466	1.01716	1.01716	0.297385	1.31477	1.31477	0.815332	1.06106	1.06106	0.881825	1.0384	1.0384	0.990718	0.997057	-1.00295	0.366252	1.26509	1.26509	0.140009	0.668827	-1.49515	0.294731	1.3169	1.3169	0.748344	0.921695	-1.08496	0.758211	0.770598	0.90341	1
cg05896926	PTK2B;PTK2B;PTK2B;PTK2B	0.657363	0.479248	0.692069	-1.44494	0.367732	1.60555	1.60555	0.102568	0.40087	-2.49458	0.982921	1.01101	1.01101	0.298299	0.575967	-1.73621	0.864977	0.916593	-1.091	0.645266	1.2677	1.2677	0.816245	1.1265	1.1265	0.837237	0.900088	-1.111	0.758195	3.14454	3.68658	1
cg08150885	POLR3B;POLR3B	0.657373	0.490246	0.923665	-1.08264	0.69494	1.04567	1.04567	0.335566	1.11909	1.11909	0.269395	1.1392	1.1392	0.240614	1.14936	1.14936	0.460382	0.918365	-1.08889	0.442131	1.09286	1.09286	0.507221	0.926597	-1.07922	0.997639	1.00034	1.00034	0.75818	0.154163	0.18074	1
cg05971678	CHST15	0.657375	0.61704	1.3051	1.3051	0.278152	1.81416	1.81416	0.757948	1.17735	1.17735	0.840767	0.899201	-1.1121	0.692457	0.810611	-1.23364	0.85986	1.09783	1.09783	0.872277	1.08869	1.08869	0.296536	1.77121	1.77121	0.123292	0.414059	-2.41511	0.758178	3.34976	3.92727	1
cg22349487	KIAA1712;KIAA1712	0.657396	0.991605	1.00151	1.00151	0.613433	0.929404	-1.07596	0.743042	0.953822	-1.04841	0.990234	1.00176	1.00176	0.0780955	0.754772	-1.3249	0.310884	1.16263	1.16263	0.970508	0.994701	-1.00533	0.651776	0.936794	-1.06747	0.383326	0.879431	-1.1371	0.758147	0.248015	0.290785	1
cg12400459	PHF5A	0.657399	0.925056	1.04402	1.04402	0.207326	0.543983	-1.83829	0.335746	1.57537	1.57537	0.464786	1.40585	1.40585	0.771253	0.875044	-1.1428	0.373551	0.658202	-1.51929	0.269285	0.590513	-1.69344	0.661518	0.817324	-1.2235	0.653052	1.23021	1.23021	0.758143	2.51728	2.9514	1
cg19190211	SMOC2;SMOC2	0.657403	0.317475	1.86154	1.86154	0.738649	1.22306	1.22306	0.694949	1.26744	1.26744	0.909605	0.93398	-1.07069	0.775406	0.841962	-1.1877	0.406735	1.66593	1.66593	0.100662	2.94864	2.94864	0.90569	1.07388	1.07388	0.349476	0.56036	-1.78457	0.758137	4.34212	5.09099	1
cg08106148	L3MBTL3;L3MBTL3	0.657413	0.937219	1.07705	1.07705	0.344208	2.5045	2.5045	0.48276	1.95847	1.95847	0.582403	1.68758	1.68758	0.206844	0.285237	-3.50585	0.703027	1.43466	1.43466	0.602956	1.63965	1.63965	0.255456	3.06082	3.06082	0.25606	3.05609	3.05609	0.758122	10.6608	12.4997	1
cg07588128	JUB	0.657431	0.530184	1.08083	1.08083	0.860816	0.978776	-1.02168	0.147039	1.20952	1.20952	0.198169	1.18086	1.18086	0.921228	0.987982	-1.01216	0.908967	1.01408	1.01408	0.791487	1.03292	1.03292	0.283494	0.872662	-1.14592	0.628596	1.06139	1.06139	0.758096	0.179401	0.210353	1
cg08430277	MYH11;MYH11;MYH11;MYH11	0.657444	0.512703	0.511423	-1.95533	0.898245	1.13794	1.13794	0.282185	0.323444	-3.09173	0.820374	0.794766	-1.25823	0.163307	0.222516	-4.49406	0.509282	1.96633	1.96633	0.406358	0.424037	-2.35828	0.176188	0.234006	-4.2734	0.888292	0.867663	-1.15252	0.758077	12.2476	14.361	1
cg02875834	DIAPH2;DIAPH2;DIAPH2;DIAPH2	0.657444	0.121108	0.286975	-3.48463	0.794403	0.823688	-1.21405	0.769463	0.80391	-1.24392	0.706662	1.32418	1.32418	0.577352	0.658293	-1.51908	0.238254	0.399533	-2.50292	0.359998	0.497103	-2.01166	0.524596	0.619472	-1.61428	0.444486	1.78416	1.78416	0.758077	6.62265	7.76544	1
cg19611786	USP34	0.657459	0.925864	0.97389	-1.02681	0.217371	1.44619	1.44619	0.429072	1.25795	1.25795	0.51242	1.20788	1.20788	0.758784	1.09151	1.09151	0.742383	0.910495	-1.0983	0.126602	0.625151	-1.59961	0.837055	0.943139	-1.06029	0.868388	0.953949	-1.04827	0.758055	0.970221	1.13767	1
cg24091819	GPR133	0.65746	0.984885	0.991882	-1.00818	0.0507343	2.60592	2.60592	0.3296	1.54173	1.54173	0.461315	1.38084	1.38084	0.671408	1.20153	1.20153	0.618244	1.24131	1.24131	0.413182	1.43328	1.43328	0.584274	1.26838	1.26838	0.98876	1.00608	1.00608	0.758053	2.22267	2.6063	1
cg01600817	RNF6	0.657463	0.794917	1.14371	1.14371	0.383193	1.58558	1.58558	0.390715	1.57357	1.57357	0.514569	1.4059	1.4059	0.447231	1.4908	1.4908	0.312554	1.7134	1.7134	0.261837	0.547094	-1.82784	0.200904	2.00635	2.00635	0.958037	0.973242	-1.02749	0.75805	3.19013	3.74075	1
cg07063068	GPR68	0.657476	0.158952	0.358793	-2.78712	0.705185	1.29534	1.29534	0.29647	2.08966	2.08966	0.764521	0.815031	-1.22695	0.264391	0.452938	-2.20781	0.823495	0.858905	-1.16427	0.333882	0.507339	-1.97107	0.66723	0.744911	-1.34244	0.613965	0.707305	-1.41382	0.75803	5.5649	6.52557	1
cg13069450	NKAP	0.657497	0.163782	0.326922	-3.05883	0.524573	0.615596	-1.62444	0.282976	0.431992	-2.31486	0.649149	1.41144	1.41144	0.814468	1.19347	1.19347	0.152314	0.315486	-3.16971	0.920417	0.927568	-1.07809	0.823928	1.18254	1.18254	0.871001	1.13007	1.13007	0.758	6.79592	7.96942	1
cg00990884	EXOC6;EXOC6	0.657508	0.608505	0.860761	-1.16176	0.468288	0.807209	-1.23884	0.53385	1.20066	1.20066	0.876134	0.955738	-1.04631	0.736172	0.906517	-1.10312	0.229527	0.693551	-1.44185	0.717822	0.900032	-1.11107	0.467054	1.2396	1.2396	0.167287	1.53303	1.53303	0.757984	1.0112	1.18584	1
cg11423687	C20orf4	0.657526	0.80924	0.936974	-1.06727	0.382216	1.2728	1.2728	0.62161	1.1433	1.1433	0.386067	0.787276	-1.2702	0.153452	0.662709	-1.50896	0.876579	1.04272	1.04272	0.255195	0.726327	-1.37679	0.67244	1.12128	1.12128	0.802683	1.06972	1.06972	0.757958	0.869758	1.02	1
cg13665593	ZSCAN16;ZSCAN16	0.657536	0.431834	0.795968	-1.25633	0.963317	0.987003	-1.01317	0.264918	1.39166	1.39166	0.551161	1.18711	1.18711	0.22825	1.43293	1.43293	0.432793	1.25571	1.25571	0.513762	0.828314	-1.20727	0.891862	1.03945	1.03945	0.248366	1.40951	1.40951	0.757942	0.971263	1.13906	1
cg04010423	SLC46A1	0.657549	0.834986	1.09422	1.09422	0.746255	0.869229	-1.15044	0.301559	1.58728	1.58728	0.50272	1.34126	1.34126	0.876003	0.934817	-1.06973	0.400975	0.689984	-1.44931	0.686656	0.839413	-1.19131	0.225663	0.577389	-1.73193	0.24713	1.68601	1.68601	0.757924	2.23665	2.62313	1
cg15793244	GRSF1;GRSF1;GRSF1	0.657551	0.473823	0.804506	-1.243	0.872133	0.95304	-1.04927	0.934696	0.975826	-1.02477	0.440519	1.26476	1.26476	0.691305	0.887647	-1.12657	0.636526	1.15274	1.15274	0.0620608	0.534023	-1.87258	0.716905	0.896967	-1.11487	0.951145	1.01846	1.01846	0.757921	1.07032	1.25528	1
cg04765513	MBD3	0.657552	0.367468	1.5703	1.5703	0.296349	1.69522	1.69522	0.857988	0.916395	-1.09123	0.348506	1.60075	1.60075	0.402303	1.51864	1.51864	0.145178	2.14378	2.14378	0.144129	2.14869	2.14869	0.666876	1.23502	1.23502	0.737686	1.17804	1.17804	0.75792	2.8522	3.34506	1
cg11982525	PIK3CG	0.657556	0.967247	1.02588	1.02588	0.511502	0.66072	-1.5135	0.0667264	0.278193	-3.59463	0.476458	0.637244	-1.56926	0.288773	0.503898	-1.98453	0.845645	1.12897	1.12897	0.680523	0.77284	-1.29393	0.80573	1.16575	1.16575	0.434642	0.608875	-1.64237	0.757914	4.64979	5.45332	1
cg26934881	TIAM2;TIAM2	0.657559	0.256313	0.688991	-1.4514	0.218422	1.50231	1.50231	0.950106	0.980518	-1.01987	0.333659	0.730875	-1.36822	0.40743	0.766112	-1.30529	0.719915	1.11986	1.11986	0.476526	1.25557	1.25557	0.92415	1.03039	1.03039	0.535062	0.82078	-1.21835	0.75791	1.18652	1.39157	1
cg00686643	PPT2;PPT2	0.657562	0.702785	0.923969	-1.08229	0.277322	1.26244	1.26244	0.946734	0.986313	-1.01388	0.64266	1.10118	1.10118	0.222792	0.767781	-1.30245	0.576392	1.12347	1.12347	0.162821	1.35976	1.35976	0.748877	1.06849	1.06849	0.614185	1.11054	1.11054	0.757905	0.510713	0.598976	1
cg14657116	CYP26B1	0.657563	0.983966	1.02462	1.02462	0.0750912	11.0141	11.0141	0.133031	7.1121	7.1121	0.931384	0.901008	-1.10987	0.938309	1.09822	1.09822	0.945188	0.920143	-1.08679	0.808254	1.34218	1.34218	0.91835	1.13215	1.13215	0.915388	1.13728	1.13728	0.757903	17.5871	20.6266	1
cg15579148	PON2;PON2	0.657564	0.230425	0.37069	-2.69767	?	?	?	0.449341	0.545887	-1.83188	0.977783	1.02204	1.02204	0.310707	0.437994	-2.28314	0.790478	1.23191	1.23191	?	?	?	?	?	?	?	?	?	0.672796	3.55263	7.39257	1
cg18410680	TMEM88	0.65757	0.193277	1.54062	1.54062	0.200889	1.52819	1.52819	0.442589	1.27862	1.27862	0.481481	1.25184	1.25184	0.97749	0.991182	-1.0089	0.856251	1.05858	1.05858	0.295288	1.40597	1.40597	0.355434	0.741987	-1.34773	0.734639	1.11272	1.11272	0.757893	1.18298	1.38745	1
cg13477182	RALGDS	0.657583	0.707276	0.854539	-1.17022	0.303222	1.5595	1.5595	0.769045	1.13053	1.13053	0.298371	1.56702	1.56702	0.776858	1.1257	1.1257	0.303879	0.641644	-1.5585	0.291035	0.633456	-1.57864	0.473901	0.738233	-1.35459	0.549716	0.777086	-1.28686	0.757875	2.08415	2.44444	1
cg19089033	CDKN2C;CDKN2C	0.657599	0.22725	1.35194	1.35194	0.24048	0.74652	-1.33955	0.860169	0.958923	-1.04284	0.849235	0.95574	-1.04631	0.231992	1.34742	1.34742	0.483851	0.844296	-1.18442	0.808422	1.05949	1.05949	0.523488	1.16626	1.16626	0.698576	1.09699	1.09699	0.75785	0.679184	0.79662	1
cg20455959	MTMR1;MTMR1	0.65761	0.263221	0.170223	-5.87465	0.969816	1.05912	1.05912	0.949469	0.908272	-1.10099	0.188121	8.30787	8.30787	0.513014	2.73769	2.73769	0.189141	0.121026	-8.26268	0.907342	0.837983	-1.19334	0.989279	1.02061	1.02061	0.730802	0.591966	-1.68929	0.757835	27.66	32.4433	1
cg04166638	AZI1;AZI1	0.657617	0.423105	1.6652	1.6652	0.984215	0.987746	-1.01241	0.852912	1.12263	1.12263	0.520433	1.50084	1.50084	0.0748057	0.290303	-3.44467	0.521573	1.49914	1.49914	0.995591	0.996562	-1.00345	0.873455	0.905432	-1.10445	0.602118	1.38797	1.38797	0.757825	4.66232	5.46866	1
cg02051981	PAPPA2;PAPPA2	0.657626	0.590556	0.919401	-1.08766	0.302008	0.847527	-1.1799	0.376853	0.869099	-1.15062	0.959042	1.00798	1.00798	0.511808	1.10843	1.10843	0.608345	1.08325	1.08325	0.136504	1.2817	1.2817	0.719856	1.0573	1.0573	0.755432	0.952808	-1.04953	0.757812	0.287284	0.336975	1
cg00114029	DLGAP3	0.657638	0.319951	18.7456	18.7456	0.865484	1.62178	1.62178	0.958087	1.1617	1.1617	0.561015	5.3462	5.3462	0.879125	0.647906	-1.54343	0.584875	4.8222	4.8222	0.0780654	265.996	265.996	0.271539	26.1632	26.1632	0.301751	21.1415	21.1415	0.757793	97.6149	114.502	1
cg10083643	RAB11A	0.65765	0.636404	1.07622	1.07622	0.662889	0.934578	-1.07	0.788392	0.959353	-1.04237	0.285606	0.842762	-1.18658	0.227128	1.21603	1.21603	0.171677	1.25164	1.25164	0.664744	0.934953	-1.06957	0.934999	0.987497	-1.01266	0.713078	0.944621	-1.05863	0.757776	0.285562	0.33497	1
cg24997202	C1orf69	0.657656	0.713987	1.07505	1.07505	0.924065	1.01892	1.01892	0.388458	1.18978	1.18978	0.600045	0.901211	-1.10962	0.696646	0.925868	-1.08007	0.198809	0.76571	-1.30598	0.130034	0.725053	-1.37921	0.804345	1.05001	1.05001	0.800525	1.05103	1.05103	0.757768	0.463872	0.544138	1
cg15902902	KLHL12	0.657672	0.611409	0.70627	-1.41589	0.797184	0.839629	-1.191	0.684548	0.757883	-1.31946	0.160898	2.76338	2.76338	0.496946	0.626183	-1.59698	0.292753	2.09767	2.09767	0.875981	1.11183	1.11183	0.357293	1.90135	1.90135	0.366591	1.87678	1.87678	0.757745	5.5285	6.48533	1
cg04860852	KIF21B	0.657673	0.505754	0.888101	-1.126	0.783912	1.0495	1.0495	0.0918098	0.721648	-1.38572	0.232101	0.802317	-1.24639	0.244868	0.807515	-1.23837	0.670515	0.927547	-1.07811	0.478214	0.880982	-1.1351	0.9628	1.00823	1.00823	0.60179	0.911621	-1.09695	0.757743	0.370681	0.434836	1
cg15454895	MIAT	0.657684	0.67734	0.849474	-1.1772	0.404523	1.39449	1.39449	0.706532	1.1589	1.1589	0.806944	1.10016	1.10016	0.77497	0.894271	-1.11823	0.590569	1.23584	1.23584	0.155907	1.80737	1.80737	0.402532	0.716052	-1.39655	0.196557	1.70292	1.70292	0.757727	1.82407	2.13981	1
cg01916115	LAMA2;LAMA2;LAMA2;LAMA2	0.657693	0.132143	0.590743	-1.69278	0.684422	0.876026	-1.14152	0.739985	0.897734	-1.11392	0.400792	0.75686	-1.32125	0.194901	0.641388	-1.55912	0.184743	0.634036	-1.5772	0.315356	0.71442	-1.39974	0.368555	0.741444	-1.34872	0.490221	0.796908	-1.25485	0.757713	1.25911	1.47709	1
cg26545313	RGS12;RGS12;RGS12	0.657706	0.44012	1.32692	1.32692	0.743952	0.888916	-1.12497	0.150927	0.575215	-1.73848	0.478277	1.29564	1.29564	0.622333	1.19526	1.19526	0.675588	0.859665	-1.16324	0.814979	1.08787	1.08787	0.240794	1.55457	1.55457	0.662341	0.853964	-1.17101	0.757695	1.54897	1.81717	1
cg08265500	REEP4;REEP4	0.657715	0.673464	1.11246	1.11246	0.697091	0.906322	-1.10336	0.535757	1.1708	1.1708	0.757896	1.08085	1.08085	0.767822	1.07728	1.07728	0.639611	1.1259	1.1259	0.102345	0.63793	-1.56757	0.270812	1.33415	1.33415	0.607703	1.13906	1.13906	0.757682	0.758751	0.890143	1
cg10207187	TMEM67;TMEM67;TMEM67	0.657733	0.523423	0.595579	-1.67904	0.33398	2.22231	2.22231	0.610746	0.662738	-1.50889	0.692598	1.37495	1.37495	0.746244	1.29718	1.29718	0.28734	0.412586	-2.42374	0.187068	3.06679	3.06679	0.870057	1.14019	1.14019	0.37451	2.07605	2.07605	0.757655	7.70608	9.04085	1
cg17755321	TNF	0.657737	0.917305	0.958019	-1.04382	0.149257	1.89383	1.89383	0.195965	1.7589	1.7589	0.601761	0.804583	-1.24288	0.554153	1.2803	1.2803	0.966235	1.01763	1.01763	0.276011	1.59668	1.59668	0.316808	1.53318	1.53318	0.643503	1.21222	1.21222	0.757649	2.04618	2.40062	1
cg02146929	PDE10A;PDE10A	0.65775	0.839195	1.03309	1.03309	0.256471	0.827135	-1.20899	0.67312	0.93427	-1.07035	0.578628	1.09406	1.09406	0.885088	0.977095	-1.02344	0.856073	1.02952	1.02952	0.946082	0.989222	-1.0109	0.875439	1.02545	1.02545	0.0782208	1.36821	1.36821	0.757631	0.308069	0.361441	1
cg08772111	HDAC4	0.657759	0.973598	1.01638	1.01638	0.775655	1.15056	1.15056	0.869135	0.922253	-1.0843	0.721535	0.838904	-1.19203	0.0688859	0.368144	-2.71633	0.314192	0.599961	-1.66678	0.321778	0.605066	-1.65271	0.900607	0.940513	-1.06325	0.704063	1.20601	1.20601	0.757618	2.89082	3.39171	1
cg03966541	PGGT1B	0.65776	0.657779	0.91203	-1.09646	0.907206	1.02438	1.02438	0.564013	1.12802	1.12802	0.209491	0.760939	-1.31417	0.993255	0.998255	-1.00175	0.515122	0.872562	-1.14605	0.128851	0.712493	-1.40352	0.663767	0.913618	-1.09455	0.43093	1.18062	1.18062	0.757616	0.511887	0.600582	1
cg13254330	VARS	0.657779	0.514045	0.860563	-1.16203	0.549677	0.871655	-1.14724	0.483321	0.850728	-1.17546	0.585036	0.882384	-1.13329	0.133325	0.692487	-1.44407	0.407708	0.825157	-1.21189	0.228167	1.33247	1.33247	0.644668	0.89998	-1.11114	0.944877	0.984431	-1.01582	0.757588	0.617873	0.724959	1
cg12859213	GARS	0.657789	0.658977	0.891122	-1.12218	0.638196	1.1308	1.1308	0.312235	1.3117	1.3117	0.185617	1.43949	1.43949	0.209932	0.709679	-1.40909	0.812992	1.06344	1.06344	0.839196	0.948631	-1.05415	0.556661	1.16684	1.16684	0.668556	0.894236	-1.11827	0.757574	0.808262	0.948362	1
cg12472218	SCML1;SCML1;SCML1;SCML1	0.65779	0.352292	0.186767	-5.35427	0.72751	0.541614	-1.84633	0.801311	0.642736	-1.55585	0.235013	8.86303	8.86303	0.254566	8.0476	8.0476	0.244034	0.118061	-8.47019	0.856599	0.728269	-1.37312	0.959088	0.914	-1.09409	0.674515	2.09679	2.09679	0.757572	36.869	43.2599	1
cg14478806	ZFAND6	0.657809	0.568312	0.709913	-1.40862	0.495558	1.50852	1.50852	0.960748	1.02967	1.02967	0.543247	0.693789	-1.44136	0.844659	0.889984	-1.12362	0.548681	1.43412	1.43412	0.488569	1.51897	1.51897	0.147179	2.51986	2.51986	0.184514	2.3077	2.3077	0.757545	4.23518	4.96948	1
cg03286202	RNF121;LOC100133315;RNF121;RNF121	0.657821	0.145345	2.29717	2.29717	0.719323	0.825359	-1.21159	0.495294	0.691921	-1.44525	0.354926	0.602804	-1.65891	0.750028	1.18532	1.18532	0.709415	1.2203	1.2203	?	?	?	0.956073	0.971127	-1.02973	0.369182	0.612295	-1.6332	0.742983	2.95898	3.98257	1
cg17801765	AGRN	0.657821	0.662098	1.29094	1.29094	0.501808	1.48567	1.48567	0.59369	1.36712	1.36712	0.811647	0.870547	-1.1487	0.974625	0.981699	-1.01864	0.480256	1.51695	1.51695	0.274395	1.93563	1.93563	0.214882	2.13438	2.13438	0.201972	0.457314	-2.18668	0.757527	4.04595	4.74755	1
cg25941285	RORA	0.657824	0.364934	0.638816	-1.5654	0.319061	0.609147	-1.64164	0.573499	1.31495	1.31495	0.803472	0.886894	-1.12753	0.617904	1.2739	1.2739	0.766163	1.15439	1.15439	0.170448	0.495231	-2.01926	0.560003	1.32805	1.32805	0.421221	1.48517	1.48517	0.757523	2.78014	3.26226	1
cg15394409	TMEM111;TMEM111	0.657829	0.882479	1.02261	1.02261	0.813598	1.03635	1.03635	0.894329	1.02029	1.02029	0.916122	1.01605	1.01605	0.209766	1.22115	1.22115	0.310568	0.85335	-1.17185	0.17324	0.803296	-1.24487	0.73657	1.05236	1.05236	0.442404	1.12567	1.12567	0.757516	0.274082	0.321615	1
cg10647833	RPS6KA2	0.65783	0.303763	1.88779	1.88779	0.339935	1.79808	1.79808	0.480659	1.53366	1.53366	0.414765	1.64429	1.64429	0.628284	1.33781	1.33781	0.602164	1.36855	1.36855	0.12016	2.73382	2.73382	0.316892	1.85379	1.85379	0.496167	0.66219	-1.51014	0.757514	4.2695	5.00996	1
cg25969728	GIGYF1;GIGYF1	0.657831	0.0820645	0.0871566	-11.4736	0.653462	1.77246	1.77246	0.379161	3.1352	3.1352	0.443112	2.69228	2.69228	0.695323	1.64625	1.64625	0.644785	1.80031	1.80031	0.891813	0.841681	-1.1881	0.762063	1.46903	1.46903	0.912703	0.87032	-1.149	0.757513	19.245	22.5827	1
cg13430489	TMC1	0.657848	0.928172	1.07758	1.07758	0.595982	1.55808	1.55808	0.0730159	5.24424	5.24424	0.71748	1.3514	1.3514	0.867604	1.14829	1.14829	0.281344	0.395376	-2.52924	0.63037	1.49455	1.49455	0.915548	0.915844	-1.09189	0.793687	0.804761	-1.24261	0.757487	8.23973	9.66908	1
cg24569270	MGC23284;MVD;MGC23284	0.657853	0.773739	0.945664	-1.05746	0.724995	1.07085	1.07085	0.662526	0.918407	-1.08884	0.880176	1.02967	1.02967	0.428637	0.855032	-1.16955	0.626526	1.09971	1.09971	0.0681918	0.673134	-1.48559	0.634122	0.911258	-1.09738	0.542919	1.12678	1.12678	0.757481	0.450669	0.528851	1
cg01329179	IL28B	0.657861	0.271008	1.55859	1.55859	0.158902	1.79157	1.79157	0.306444	0.663632	-1.50686	0.502903	0.768524	-1.3012	0.622871	1.21161	1.21161	0.701352	1.16093	1.16093	0.971483	0.986252	-1.01394	0.753909	1.12951	1.12951	0.468353	1.33072	1.33072	0.757469	1.79901	2.11113	1
cg21520549	CRIM1	0.657871	0.983909	0.992209	-1.00785	0.629	0.827949	-1.2078	0.475478	1.32502	1.32502	0.814597	0.912924	-1.09538	0.708875	1.15657	1.15657	0.529215	1.28045	1.28045	0.126977	1.89675	1.89675	0.139344	1.85333	1.85333	0.486116	1.31583	1.31583	0.757454	1.80434	2.11743	1
cg01202521	UBE2I;UBE2I;UBE2I;UBE2I	0.657883	0.649435	0.913554	-1.09463	0.472731	1.15522	1.15522	0.445179	1.16622	1.16622	0.557409	1.12438	1.12438	0.802452	1.05077	1.05077	0.999234	1.00019	1.00019	0.105099	0.70477	-1.4189	0.528518	0.881475	-1.13446	0.504949	1.14301	1.14301	0.757436	0.468265	0.549532	1
cg07683663	LSM6	0.657893	0.454456	0.899874	-1.11127	0.550607	1.08721	1.08721	0.382309	1.13209	1.13209	0.888523	1.01961	1.01961	0.932099	1.01187	1.01187	0.240421	1.18553	1.18553	0.93869	0.989405	-1.01071	0.444627	0.897715	-1.11394	0.154798	1.23473	1.23473	0.757423	0.229994	0.269914	1
cg18765133	APOD	0.657894	0.809602	1.0999	1.0999	0.504057	0.765336	-1.30662	0.663763	0.841526	-1.18832	0.634772	1.20775	1.20775	0.60057	1.23169	1.23169	0.708229	1.15985	1.15985	0.335232	1.47992	1.47992	0.158353	1.81274	1.81274	0.158025	1.81371	1.81371	0.757421	1.86651	2.19049	1
cg22068589	INS-IGF2;INS-IGF2;INS	0.657903	0.100677	0.0356926	-28.017	0.842753	0.69202	-1.44505	0.605007	0.380185	-2.6303	0.849899	0.703868	-1.42072	0.391817	0.196683	-5.08432	0.511291	0.290881	-3.43783	0.256534	0.111346	-8.98104	0.150447	0.0574484	-17.4069	0.521024	0.299469	-3.33924	0.757408	41.2122	48.3663	1
cg24944736	TBC1D10A	0.657916	0.204274	0.667055	-1.49913	0.998807	0.999548	-1.00045	0.451661	1.26081	1.26081	0.695146	0.887783	-1.1264	0.309984	0.72796	-1.3737	0.624082	1.161	1.161	0.213891	0.673327	-1.48516	0.334498	0.740213	-1.35096	0.674714	0.880233	-1.13606	0.757389	1.09565	1.28588	1
cg25309588	ATP8A1;ATP8A1	0.657921	0.823637	1.04011	1.04011	0.696011	1.07162	1.07162	0.0482488	1.4883	1.4883	0.822904	1.04028	1.04028	0.353421	1.18318	1.18318	0.83215	1.0381	1.0381	0.604009	1.09655	1.09655	0.328845	1.19427	1.19427	0.472563	1.13736	1.13736	0.757381	0.372252	0.436888	1
cg00585776	ZNF629	0.657926	0.749925	0.893	-1.11982	0.889615	1.05037	1.05037	0.836093	1.07607	1.07607	0.256075	1.52128	1.52128	0.662238	0.855941	-1.1683	0.858577	1.06515	1.06515	0.249398	0.653098	-1.53116	0.838353	0.930263	-1.07496	0.127002	0.557611	-1.79336	0.757373	1.50228	1.76315	1
cg04272969	SMPD1;SMPD1;SMPD1	0.657927	0.701283	0.893685	-1.11896	0.6911	1.12353	1.12353	0.539569	1.19857	1.19857	0.917987	0.970409	-1.03049	0.842984	0.943805	-1.05954	0.401616	0.778526	-1.28448	0.091788	0.581956	-1.71834	0.494286	0.816752	-1.22436	0.432395	1.26322	1.26322	0.757373	1.02018	1.19733	1
cg02274705	C1GALT1C1;C1GALT1C1;C1GALT1C1;C1GALT1C1	0.657927	0.195258	0.261016	-3.83118	0.736541	0.718144	-1.39248	0.965971	0.959033	-1.04272	0.352415	2.55554	2.55554	0.230757	3.43039	3.43039	0.283757	0.335573	-2.97998	0.977288	0.972473	-1.02831	0.830221	1.23434	1.23434	0.975622	0.970483	-1.03041	0.757372	11.532	13.5345	1
cg02283436	MGRN1;MGRN1;MGRN1;MGRN1	0.657956	0.223462	1.54177	1.54177	0.645436	1.16978	1.16978	0.393016	1.34469	1.34469	0.731847	1.12347	1.12347	0.161179	1.65949	1.65949	0.33522	1.39985	1.39985	0.594645	1.19935	1.19935	0.118806	1.77369	1.77369	0.430652	1.31293	1.31293	0.757331	1.37413	1.61284	1
cg07943688	HIVEP1	0.657961	0.466723	1.42803	1.42803	0.543742	0.744054	-1.34399	0.164009	0.489476	-2.043	0.394495	0.657338	-1.52129	0.954579	0.972971	-1.02778	0.639188	0.79679	-1.25504	0.133247	0.458781	-2.17969	0.902291	1.06086	1.06086	0.979813	1.01225	1.01225	0.757322	2.77579	3.25802	1
cg01120006	SLC35A2;SLC35A2;SLC35A2	0.657962	0.195569	0.212361	-4.70896	0.232705	0.242537	-4.12309	0.492155	0.453981	-2.20274	0.391794	2.69977	2.69977	0.943492	0.922892	-1.08355	0.177015	0.197045	-5.07497	0.935884	0.91295	-1.09535	0.768218	0.715674	-1.39728	0.869064	0.829646	-1.20533	0.757321	15.3691	18.0392	1
cg01388767	UTP18;MBTD1	0.65798	0.962086	0.98948	-1.01063	0.170456	1.38371	1.38371	0.263834	1.2958	1.2958	0.889222	0.96947	-1.03149	0.809156	1.05531	1.05531	0.678451	0.911421	-1.09719	0.234401	0.757819	-1.31958	0.791019	1.06087	1.06087	0.523054	0.865888	-1.15488	0.757296	0.593644	0.6968	1
cg08478074	ALX3	0.658007	0.257548	0.816055	-1.22541	0.629787	0.919836	-1.08715	0.817726	0.961062	-1.04052	0.895906	1.02278	1.02278	0.480893	1.13118	1.13118	0.558103	1.10727	1.10727	0.553044	0.90191	-1.10876	0.139398	1.31476	1.31476	0.543307	1.11165	1.11165	0.757255	0.354975	0.41668	1
cg11871549	ZCCHC12	0.65801	0.238237	0.370353	-2.70013	0.361715	2.12518	2.12518	0.746219	1.29835	1.29835	0.617947	1.49827	1.49827	0.393448	2.01956	2.01956	0.175806	0.314298	-3.18169	0.880525	0.886092	-1.12855	0.936701	0.938133	-1.06595	0.715301	1.34251	1.34251	0.757252	7.75377	9.10165	1
cg14490763	C9orf85	0.658013	0.670664	1.2609	1.2609	0.631178	0.769394	-1.29972	0.72591	0.826333	-1.21017	0.189607	2.12346	2.12346	0.622767	1.30831	1.30831	0.909774	1.06337	1.06337	0.937003	0.958063	-1.04377	0.113087	2.54627	2.54627	0.318329	1.74892	1.74892	0.757247	3.52286	4.13528	1
cg26525592	CXCL14	0.658018	0.777205	1.18663	1.18663	0.506353	1.50184	1.50184	0.450165	1.59062	1.59062	0.753266	1.2095	1.2095	0.261536	0.493498	-2.02635	0.344821	0.556046	-1.79841	0.644083	0.75532	-1.32394	0.164637	0.408913	-2.44551	0.912231	1.06877	1.06877	0.75724	4.36335	5.12193	1
cg03982801	HOXA4	0.65803	0.363256	2.24377	2.24377	0.812027	1.22882	1.22882	0.26421	2.73614	2.73614	0.733909	1.34327	1.34327	0.30835	2.48914	2.48914	0.927219	0.924022	-1.08223	0.655917	0.678503	-1.47383	0.85348	1.17339	1.17339	0.0880838	5.09325	5.09325	0.757223	8.97132	10.5313	1
cg15627078	TNFRSF19;TNFRSF19	0.658043	0.68977	1.13252	1.13252	0.296519	1.39894	1.39894	0.347791	1.34963	1.34963	0.168509	1.57634	1.57634	0.558741	0.832436	-1.20129	0.38222	1.32042	1.32042	0.526593	0.819549	-1.22018	0.354263	1.34392	1.34392	0.583011	1.18763	1.18763	0.757203	1.15365	1.35428	1
cg11784243	LRRC16A	0.658044	0.367566	0.51527	-1.94073	0.445391	0.572761	-1.74593	0.667938	1.36228	1.36228	0.847328	0.871026	-1.14807	0.143041	0.323813	-3.0882	0.346303	0.499178	-2.00329	0.213667	0.391391	-2.55499	0.295563	0.459756	-2.17507	0.953415	1.04274	1.04274	0.757203	6.15462	7.22498	1
cg14119437	NEU1	0.658044	0.196708	1.69236	1.69236	0.99893	1.00052	1.00052	0.424413	0.730191	-1.3695	0.352001	1.44656	1.44656	0.841831	0.925878	-1.08006	0.146431	1.8237	1.8237	0.929761	0.966589	-1.03457	0.482354	1.31683	1.31683	0.987632	0.994043	-1.00599	0.757202	1.78178	2.09166	1
cg24849373	TSNARE1	0.65806	0.740035	0.673817	-1.48408	0.462808	0.412254	-2.42569	0.63505	1.76277	1.76277	0.731967	0.665226	-1.50325	0.540356	0.479547	-2.0853	0.233135	4.4028	4.4028	0.608334	1.84562	1.84562	0.141066	0.153078	-6.53262	0.764606	1.42767	1.42767	0.757179	16.8572	19.7895	1
cg10351477	EAPP	0.658074	0.910933	0.942096	-1.06146	0.962623	0.97533	-1.02529	0.291163	1.79298	1.79298	0.145712	2.29937	2.29937	0.166775	2.1941	2.1941	0.941115	1.04017	1.04017	0.456868	1.49765	1.49765	0.457942	1.49615	1.49615	0.279143	1.82173	1.82173	0.757158	3.4073	4.00011	1
cg13765303	BOC;BOC	0.658087	0.755318	0.933757	-1.07094	0.316447	1.25492	1.25492	0.199258	1.34632	1.34632	0.511776	1.15707	1.15707	0.477275	1.17167	1.17167	0.57913	0.884406	-1.1307	0.483279	0.855381	-1.16907	0.770077	1.06637	1.06637	0.218737	1.32792	1.32792	0.757139	0.576428	0.676733	1
cg21763723	GPX1;GPX1;GPX1	0.658097	0.430631	0.869787	-1.14971	0.0981912	0.730106	-1.36966	0.251205	0.812283	-1.2311	0.840012	1.03568	1.03568	0.179853	0.781116	-1.28022	0.618451	0.916608	-1.09098	0.760135	0.94828	-1.05454	0.814153	0.959984	-1.04168	0.508581	0.890208	-1.12333	0.757125	0.360644	0.423407	1
cg21388639	FNIP2	0.658111	0.771775	0.83127	-1.20298	0.817856	0.863655	-1.15787	0.299664	0.505112	-1.97976	0.932694	1.05514	1.05514	0.486758	0.638266	-1.56675	0.753436	0.818547	-1.22168	0.685605	0.772129	-1.29512	0.0818875	3.4042	3.4042	0.883758	1.09742	1.09742	0.757104	4.84125	5.68394	1
cg17688381	BAHD1	0.658119	0.900545	0.965006	-1.03626	0.583446	0.854041	-1.1709	0.148849	1.55442	1.55442	0.360527	1.30711	1.30711	0.136007	1.58044	1.58044	0.773638	1.08563	1.08563	0.550211	1.18794	1.18794	0.98967	1.0037	1.0037	0.464452	1.2363	1.2363	0.757092	0.973296	1.14273	1
cg04802236	RPL23;SNORA21;RPL23	0.658135	0.28884	2.44747	2.44747	0.549526	1.63284	1.63284	0.869273	1.14242	1.14242	0.830993	1.18862	1.18862	0.491107	0.567437	-1.76231	0.514906	0.58574	-1.70724	0.271849	0.394466	-2.53507	0.627626	0.673307	-1.48521	0.245467	2.68767	2.68767	0.758618	7.68397	7.87803	1
cg06441968	RLF	0.658139	0.297462	1.17466	1.17466	0.400521	1.13684	1.13684	0.629141	0.930041	-1.07522	0.416179	1.13185	1.13185	0.408203	1.13437	1.13437	0.39647	1.13816	1.13816	0.398948	0.879233	-1.13735	0.577746	0.919602	-1.08743	0.304864	1.17159	1.17159	0.757064	0.266338	0.312714	1
cg07677850	ADORA2B	0.658141	0.692099	1.16557	1.16557	0.23664	1.61168	1.61168	0.583663	0.808129	-1.23743	0.969919	0.98559	-1.01462	0.37629	0.705053	-1.41833	0.580005	0.806421	-1.24005	0.968298	1.01541	1.01541	0.265037	1.56378	1.56378	0.277386	0.647383	-1.54468	0.757061	1.77644	2.08577	1
cg17108819	CD8A;CD8A;CD8A;CD8A;CD8A;CD8A	0.658143	0.20059	0.59001	-1.69489	0.608329	1.22352	1.22352	0.176674	0.570906	-1.7516	0.189256	0.581144	-1.72074	0.441052	0.735927	-1.35883	0.79581	1.10651	1.10651	0.728337	0.872764	-1.14579	0.905917	0.954903	-1.04723	0.929532	1.03512	1.03512	0.757058	1.82636	2.14439	1
cg13879047	GRB10;GRB10;GRB10;GRB10	0.658144	0.613725	1.25316	1.25316	0.438669	1.41939	1.41939	0.332805	1.5573	1.5573	0.626378	0.804507	-1.243	0.874491	1.0726	1.0726	0.718168	1.17432	1.17432	0.0558918	2.61248	2.61248	0.610768	1.25557	1.25557	0.729022	1.16672	1.16672	0.757056	2.35702	2.76747	1
cg09407693	PRPS1	0.658146	0.290015	0.423152	-2.36322	0.226355	0.369785	-2.70428	0.96068	1.03936	1.03936	0.315179	2.25548	2.25548	0.987637	0.987939	-1.01221	0.216849	0.361448	-2.76665	0.89968	1.10381	1.10381	0.937482	0.940416	-1.06336	0.553172	1.59968	1.59968	0.757054	7.35363	8.63421	1
cg07148535	ADH5	0.658152	0.882193	0.949482	-1.05321	0.621349	1.19035	1.19035	0.781625	1.10205	1.10205	0.771782	0.903301	-1.10705	0.659626	1.16775	1.16775	0.071281	0.488471	-2.0472	0.337774	0.706781	-1.41486	0.613208	0.836604	-1.19531	0.946673	1.02366	1.02366	0.758592	1.43704	1.47339	1
cg13339112	KRCC1	0.658157	0.664265	1.28887	1.28887	0.736708	0.821941	-1.21663	0.814729	1.14614	1.14614	0.374185	1.69903	1.69903	0.785748	0.853564	-1.17156	0.647991	0.765588	-1.30619	0.733826	0.820096	-1.21937	0.100578	2.84401	2.84401	0.242123	2.03683	2.03683	0.757037	4.04859	4.75373	1
cg20718679	ATG12;AP3S1;ATG12	0.658168	0.505865	1.56587	1.56587	0.84512	0.878161	-1.13874	0.813763	1.16973	1.16973	0.426708	1.71454	1.71454	0.960207	0.967398	-1.0337	0.815813	1.16766	1.16766	0.0749191	0.267759	-3.7347	0.484091	1.60383	1.60383	0.771521	1.2134	1.2134	0.757021	5.29112	6.2128	1
cg25212351	FAS;FAS;FAS;FAS;FAS;ACTA2;ACTA2;FAS;FAS	0.658168	0.861479	1.0267	1.0267	0.917474	1.01576	1.01576	0.471362	0.895357	-1.11687	0.305073	0.851954	-1.17377	0.169585	0.801929	-1.24699	0.516715	1.10427	1.10427	0.23692	0.829492	-1.20556	0.524652	1.10215	1.10215	0.993334	1.00126	1.00126	0.75702	0.272875	0.320408	1
cg19950461	PAIP2;PAIP2	0.658171	0.37608	0.727598	-1.37438	0.880966	1.05386	1.05386	0.299186	0.68613	-1.45745	0.162312	0.593167	-1.68587	0.475534	0.775686	-1.28918	0.69961	0.873076	-1.14538	0.225405	0.640365	-1.56161	0.858981	0.939639	-1.06424	0.43315	1.32315	1.32315	0.757017	1.46941	1.72538	1
cg25587481	PRKCE	0.65818	0.704396	1.46878	1.46878	0.785318	1.31703	1.31703	0.745194	1.38942	1.38942	0.191979	0.248328	-4.02693	0.627013	1.63868	1.63868	0.57584	1.76841	1.76841	0.194398	3.99318	3.99318	0.386398	0.408393	-2.44862	0.57978	0.568879	-1.75784	0.757003	12.1956	14.3204	1
cg14025844	NUP50;NUP50	0.65818	0.346388	2.23003	2.23003	0.481055	1.80829	1.80829	0.487756	0.55818	-1.79154	0.155874	3.51052	3.51052	0.848357	1.17156	1.17156	0.261941	2.63142	2.63142	0.837174	0.843496	-1.18554	0.954475	1.04835	1.04835	0.46796	0.542907	-1.84193	0.757003	8.20177	9.63069	1
cg21913630	SMO	0.658185	0.544278	1.25402	1.25402	0.804233	1.09592	1.09592	0.916011	1.03967	1.03967	0.717607	1.14334	1.14334	0.543315	0.796996	-1.25471	0.970684	0.986537	-1.01365	0.301168	1.48455	1.48455	0.0726705	2.09294	2.09294	0.367402	1.40705	1.40705	0.756996	1.63087	1.91502	1
cg20979099	STX8;STX8;WDR16;WDR16	0.658187	0.306108	1.45508	1.45508	0.325643	1.43224	1.43224	0.53311	1.25037	1.25037	0.296461	1.46693	1.46693	0.132404	1.77668	1.77668	0.14373	1.74374	1.74374	0.633369	1.18542	1.18542	0.978481	1.00959	1.00959	0.633754	1.18518	1.18518	0.756993	1.50207	1.76379	1
cg06166915	CX3CL1	0.65819	0.837194	0.94088	-1.06284	0.680006	0.884407	-1.1307	0.240355	0.694832	-1.4392	0.542572	0.833135	-1.20029	0.537142	1.20332	1.20332	0.143799	0.628026	-1.59229	0.831628	1.06509	1.06509	0.522189	1.21181	1.21181	0.323583	0.739365	-1.35251	0.75699	1.0517	1.23495	1
cg16679378	TMEM86A	0.658199	0.227116	0.520528	-1.92113	0.641463	0.785474	-1.27312	0.456744	0.676883	-1.47736	0.935677	1.04244	1.04244	0.251844	0.539896	-1.85221	0.908031	0.942231	-1.06131	0.662813	0.797791	-1.25346	0.25353	1.84781	1.84781	0.288764	0.567207	-1.76302	0.756976	3.17853	3.73243	1
cg24602499	SCARA5	0.658204	0.171899	0.387024	-2.58382	0.190652	0.404715	-2.47088	0.269857	0.472368	-2.11699	0.536431	0.664554	-1.50477	0.360224	0.54118	-1.84781	0.342015	0.527785	-1.89471	0.191825	0.405795	-2.4643	0.495676	0.636629	-1.57077	0.384205	0.558553	-1.79034	0.756969	5.10822	5.99845	1
cg12795208	KRT6B	0.658226	0.876875	0.929525	-1.07582	0.202741	1.88487	1.88487	0.495247	0.721502	-1.386	0.839049	0.90859	-1.10061	0.355063	0.638623	-1.56587	0.627839	0.794324	-1.25893	0.130924	0.463575	-2.15715	0.895304	0.939826	-1.06403	0.900279	1.06087	1.06087	0.756936	2.66358	3.12791	1
cg04135806	RAB40C	0.658233	0.763573	0.848796	-1.17814	0.158722	2.2675	2.2675	0.161937	2.25142	2.25142	0.387945	1.61749	1.61749	0.386833	1.61941	1.61941	0.427406	1.55325	1.55325	0.493444	1.4593	1.4593	0.398539	1.59954	1.59954	0.287916	1.82137	1.82137	0.756926	3.54036	4.15758	1
cg20869999	SLC35F2	0.658249	0.492552	0.94595	-1.05714	0.284598	0.915196	-1.09266	0.489328	0.945545	-1.05759	0.396652	1.07165	1.07165	0.512077	0.948369	-1.05444	0.166715	1.12473	1.12473	0.983974	0.9984	-1.0016	0.673697	1.03434	1.03434	0.912212	0.991246	-1.00883	0.756903	0.0761934	0.0894797	1
cg01802772	ACOT11;ACOT11	0.65825	0.966454	1.09161	1.09161	0.531191	3.75121	3.75121	0.567577	0.299913	-3.3343	0.808505	1.65878	1.65878	0.969056	0.92233	-1.08421	0.0902844	0.0204301	-48.9474	0.803446	1.68166	1.68166	0.931042	0.834942	-1.19769	0.200539	0.0597213	-16.7445	0.756901	52.0779	61.1592	1
cg15315630	ZMYM6;ZMYM6	0.658253	0.134613	0.765611	-1.30615	0.228707	0.811269	-1.23264	0.862633	1.02909	1.02909	0.384324	1.15915	1.15915	0.47453	1.12796	1.12796	0.917603	0.983013	-1.01728	0.747873	0.948003	-1.05485	0.812067	0.961332	-1.04022	0.709319	1.06396	1.06396	0.756897	0.328607	0.385911	1
cg23714091	ADAR;ADAR;ADAR;ADAR	0.658255	0.398544	1.75075	1.75075	0.295355	2.02011	2.02011	0.374719	0.554134	-1.80462	?	?	?	0.979974	0.983868	-1.0164	0.930353	0.944933	-1.05828	0.445949	0.604468	-1.65435	0.260758	0.467666	-2.13828	0.509785	0.648395	-1.54227	0.742339	4.38759	5.9105	1
cg12553645	PPID;PPID	0.658271	0.202135	2.15332	2.15332	0.624346	1.32458	1.32458	0.241705	2.00958	2.00958	0.764663	0.842831	-1.18648	?	?	?	0.197299	2.17328	2.17328	0.703872	1.24296	1.24296	0.679157	0.789085	-1.26729	0.453181	1.5453	1.5453	0.742316	3.38978	4.56649	1
cg01138728	LMTK2	0.658278	0.273854	0.651481	-1.53497	0.741586	1.13262	1.13262	0.908027	0.957441	-1.04445	0.518832	0.781822	-1.27906	0.16019	0.56855	-1.75886	0.323708	1.46751	1.46751	0.45694	0.751941	-1.32989	0.434537	0.740772	-1.34994	0.521797	0.783224	-1.27677	0.75686	1.69761	1.99374	1
cg12559197	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.658282	0.173908	0.338528	-2.95396	?	?	?	0.539094	0.627759	-1.59297	0.205048	0.367446	-2.72149	0.491904	0.59294	-1.68651	0.634121	0.698374	-1.4319	0.639355	0.702306	-1.42388	0.64971	1.40825	1.40825	0.223433	0.383751	-2.60586	0.742298	5.85859	7.8925	1
cg16633925	PALM;PALM	0.658308	0.569468	0.771725	-1.2958	0.82455	0.904765	-1.10526	0.798034	1.12252	1.12252	0.534459	1.32786	1.32786	0.186868	0.53226	-1.87878	0.789167	0.886213	-1.1284	0.304638	1.61472	1.61472	0.295753	1.6302	1.6302	0.415906	1.45469	1.45469	0.756817	2.43515	2.86011	1
cg08348831	GOT2	0.65831	0.961212	1.03602	1.03602	0.519128	1.6088	1.6088	0.408374	1.85008	1.85008	0.589478	1.48637	1.48637	0.453407	1.74311	1.74311	0.941826	0.948288	-1.05453	0.0631508	4.57473	4.57473	0.866947	1.12975	1.12975	0.239206	2.4516	2.4516	0.756813	6.3445	7.45172	1
cg15199754	LOC388796;LOC388796;SNORA71D	0.658312	0.414851	0.607675	-1.64562	0.736842	1.22331	1.22331	0.20967	2.20375	2.20375	0.947985	0.96176	-1.03976	0.987084	0.990373	-1.00972	0.606278	1.36439	1.36439	?	?	?	0.408369	1.65762	1.65762	0.161198	2.44558	2.44558	0.742255	3.73221	5.0282	1
cg24187797	RMND5B	0.658313	0.825827	1.0765	1.0765	0.404817	1.32988	1.32988	0.406723	1.32827	1.32827	0.315958	1.4145	1.4145	0.893188	0.956062	-1.04596	0.956437	1.01844	1.01844	0.187425	1.59566	1.59566	0.238434	1.51133	1.51133	0.142896	1.69328	1.69328	0.75681	1.34086	1.57486	1
cg06234342	GTF3C6	0.658315	0.365234	1.31207	1.31207	0.754481	1.09592	1.09592	0.567325	1.18388	1.18388	0.457677	1.24707	1.24707	0.732534	0.904699	-1.10534	0.826785	1.06607	1.06607	0.967663	1.01191	1.01191	0.668683	0.88189	-1.13393	0.059809	1.859	1.859	0.756807	1.02163	1.19993	1
cg20663200	AFAP1L2;AFAP1L2	0.658322	0.281693	0.828721	-1.20668	0.349461	0.850665	-1.17555	0.620204	1.08751	1.08751	0.214842	0.803112	-1.24516	0.472105	1.13068	1.13068	0.390326	1.1593	1.1593	0.621828	1.08708	1.08708	0.903852	1.0205	1.0205	0.802806	1.04291	1.04291	0.756797	0.337988	0.396981	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg14127907	HTATSF1;HTATSF1	0.658325	0.321282	0.452289	-2.42549	0.704679	0.719475	-1.3899	0.860662	0.990991	1.16406	1.16406	0.192733	1.29346	1.29346	0.42762	0.496451	-2.0143								
cg26639039	SLC12A5;SLC12A5	0.658331	0.529668	0.6262	-1.59693	0.779766	1.22885	1.22885	0.52105	1.61316	1.61316	0.774937	0.809779	-1.2346	0.441588	0.561657	-1.78045									
cg05065372	NTSC3;NTSC3	0.658336	0.981477	1.00454	1.00454	0.276424	1.24701	1.24701	0.504777	1.14108	1.14108	0.224461	1.2825	1.2825	0.206601	1.29659	1.29659									
cg25728027	NXPH2	0.658349	0.285998	2.11394	2.11394	0.144709	0.347005	2.82863	0.470929	0.609292	-1.64125	0.624431	1.39971	1.39971	0.865535	0.891805	-1.12132									
cg09402778	GATA6;GATA6	0.658352	0.591437	0.883369	-1.13203	0.212398	1.35068	1.35068	0.361863	1.23926	1.23926	0.607189	0.88089	-1.12601	0.964276	0.989802	-1.0103									
cg03894002	DLG3	0.658372	0.469374	0.364597	-2.74276	0.149216	0.120208	-8.31136	0.897198	1.19385	1.19385	0.168614	1.46903	1.46903	0.249993	1.20051	1.20051									
cg07021489	ITPK1;ITPK1;ITPK1	0.658378	0.315559	1.56631	1.56631	0.276631	1.63118	1.63118	0.526591	1.31975	1.31975	0.303627	1.5852	1.5852	0.827157	1.09917	1.09917									
cg17137182	PCLO;PCLO MTCP1;MTCP1NB;BRCC3;MTCP1;BRCC	0.658539	0.460954	1.86954	1.86954	0.558087	1.60103	1.60103	0.237865	0.372391	-2.68535	0.225186	0.361282	-2.76792	0.857842	1.15286	1.15286									
cg27268405	3;MTCP1NB	0.658401	?	?	?	0.982887	0.958531	-1.04326	0.973092	0.935565	-1.06887	0.358894	6.49361	6.49361	0.577725	3.04118	3.04118									
cg26794812	FAM160B	0.658407	0.424299	0.680944	-1.46855	0.576408	0.776247	-1.28827	0.984667	0.990991	-1.00909	0.977874	1.03155	1.03155	0.660531	0.945913	-2.02579									
cg15993709	SNAPIN	0.658409	0.345587	0.788497	-1.26824	0.173779	1.42476	1.42476	0.513542	1.17596	1.17596	0.464837	0.834856	-1.19781	0.690841	1.10273	1.10273									
cg13625162	NKD2	0.658412	0.854022	1.08287	1.08287	0.126629	2.04201	2.04201	0.514022	1.33116	1.33116	0.694078	1.1857	1.1857	0.378119	1.47828	1.47828									
cg16982087	C7orf20	0.658418	0.738819	1.15309	1.15309	0.519435	1.32049	1.32049	0.280673	1.61181	1.61181	0.934497	0.966648	-1.0345	0.205422	0.566264	-1.76596									
cg08815672	CELSR1	0.658425	0.606264	1.37131	1.27131	0.229442	1.79006	1.79006	0.20026	1.89459	1.19459	0.196265	1.87052	1.87052	0.98207	1.01043	1.01043									
cg21790971	FIP1L1;FIP1L1;FIP1L1	0.658429	0.587933	1.1262	1.1262	0.178814	1.32418	1.32418	0.66147	0.957818	-1.08975	0.380458	0.833595	-1.19985	0.168614	0.746903	1.46903									
cg18909638	MIPOL1	0.658433	0.783527	1.15349	1.15349	0.834226	0.89703	-1.11479	0.335863	1.67289	1.67289	0.556645	1.36107	1.36107	0.217366	1.95999	1.95999									
cg26987690	UNC84A;UNC84A	0.658438	0.417182	2.82457	2.82457	0.074961	1.91926	1.91926	0.301924	1.82597	1.82597	0.264576	1.90168	1.90168	0.496041	1.37646	1.37646									
cg21800906	QSER1;QSER1	0.658471	0.415469	1.88523	1.12546	0.369995	1.51967	1.13957	0.367743	1.14041	1.14041	0.894804	1.00267	1.00267	0.174284	1.18719	1.18719									
cg24719366	CHRNA1;CHRNA1	0.658473	0.425205	0.796697	-1.25518	0.260803	1.38726	1.38726	0.946024	0.981281	-1.01908	0.161181	0.658580	-1.5184	0.744962	1.09538	1.09538									
cg06139606	ANP32A	0.658477	0.369053	0.769226	-1.30001	0.079602	0.589464	-1.69594	0.739808	0.933398	-1.09481	0.624698	1.34327	1.34327	0.647281	0.891056	-1.12226									
cg07000028	FOXN3;FOXN3	0.658490	0.85797	0.866481	-1.15409	0.982966	0.586531	0.08633	0.152596	3.66246	3.66246	0.938228	0.936439	-1.06788	0.863687	0.864508	-1.15673									
cg09502866	KCND1DN	0.658494	0.531853	1.09296	-1.12234	0.672669	1.48403	1.48403	0.263391	1.32291	1.32291	0.262128	0.664434	1.50516	0.601531	0.602425	-1.66024									
cg12001592	PPCDC	0.658353	0.483999	0.870107	-1.14928	0.645321	1.0949	1.0949	0.292951	1.23791	1.23791	0.116933	0.716634	-1.39541	0.643213	0.912788	1.09554									
cg16655837	EPC1	0.658533	0.333019	0.757664	-1.31985	0.605377	0.865152	-1.15587	0.694451	0.836088	-1.11596	0.662066	0.884952	-1.13	0.671755	0.571889	-1.74859									
cg17215361	GLB1L2	0.658536	0.045595	0.677509	1.47959	0.709004	0.810831	1.23333	0.863296	1.02607	1.02607	0.530079	1.44011	1.44011	0.440775	0.65531	-1.52593									
cg08030545	POLR3E	0.658547	0.304502	2.48007	2.48007	0.668491	0.692153	-1.44477	0.951175	1.05369	1.05369	0.754757	1.33733	1.33733	0.208435	3.10402	3.10402									
cg22265142	SYNJ1;SYNJ1	0.658549	0.265379	0.74221	-1.3464	0.628052	0.762623	-1.31125	0.992106	0.901924	1.10926	1.10926	0.743312	0.788809	-1.27582	0.22549	3.70382									
cg15726260	HLA-JCNRNA00171	0.658553	0.784248	0.899553	-1.23525	0.306218	2.26035	2.26035	0.862175	0.874793	-1.14313	0.350293	0.477064	-2.09615	0.162587	0.317388	3.15072									
cg18670483	CD180	0.658563	0.498585	1.30926	1.30926	0.961008	1.01936	1.01936	0.305553	0.659593	-1.51609	0.216884	1.66469	1.66469	0.622469	1.21489	1.21489									
cg18370452	FANCB;FANCB;MOSPD2	0.658567	0.169053	1.37165	1.37165	0.379382	1.29586	1.29586	-1.2597	0.822909	1.16837	1.16837	0.275127	1.20503	1.20503	1.20503	1.20503									
cg05245226	LMO1;LMO1	0.65857	0.950079	1.02382	1.02382	0.647971	0.841246	-1.18871	0.334652	1.45379	1.45379	0.413073	1.36982	1.36982	0.820402	0.918081	-1.08923									
cg21133540	NA4408	0.658573	0.927675	1.09333	-1.09333	0.976398	0.726354	0.07287	0.380754	2.72704	2.72704	0.184416	0.688729	2.25236	0.452236	0.442463	-2.26004									
cg00749852	FAM117A	0.658617	0.721072	1.10992	1.10992	0.478365	0.810849	-1.23327	0.659302	0.878914	-1.13777	0.620414	0.86482	-1.15631	0.413677	0.784192	1.2752									
cg10174643	TNS1	0.658623	0.962096	1.01576	1.01576	0.522816	1.23748	1.23748	0.798509	0.919284	-1.0878	0.885011	1.04876	1.04876	0.139119	0.592296	-1.68835									
cg04176437	KLHL26	0.658624	0.447831	1.09212	1.09212	0.379476	0.886034	-1.12863	0.16333	1.7604	1.7604	0.34307	0.914206	2.38903	0.357404	0.809277	-1.23573									
cg05590818	TUL1;TLK1	0.65863	0.985163	0.988748	-1.01138	0.947008	0.960358	-1.04128	0.987799	0.990738	-1.00935	0.948734	1.03991	1.03991	0.768288	0.835451	-1.19696									
cg12631604	KIF9	0.658664	0.18707	3.9802	3.9802	0.107736	0.410372	2.10272	0.161725	2.10272	1.62597	0.107736	0.410372	2.10272	0.161725	2.10272	1.62597									
cg27402845	AP2A2	0.658652	0.99269	0.967864	-1.00323	0.113447	0.81247	-1.23096	0.396451	1.35701	1.35701	0.546982	1.23902	1.23902	0.340921	0.712483	1.40354									
cg26001719	ERICH1	0.658654	0.604994	1.11357	1.11357	0.373015	0.82816	-1.2075	0.260285	0.78499	-1.2739	0.707117	0.925131	-1.08093	0.228109	1.29799	1.29799									
cg08448605	C21orf58;C21orf58	0.658676	0.772472	1.18601	1.18601	0.577303	0.776543	-1.56567	0.202506	0.649943	-1.6395	0.357797	0.498789	-1.77754	0.242409	1.2409	1.2409									
cg16675581	AKR7A2;PQLC2;PQLC2;PQLC2	0.658689	0.911985	1.09603	1.09603	0.349414	0.44988	-2.22281	0.570917	1.15961	1.15961	0.457393	1.87306	1.87306	0.837346	1.18585	1.18585									
cg17976146	CUX1;CUX1;CUX1	0.658695	0.409343	1.20134	1.20134	0.14331	0.74433	-1.34399	0.10607	1.76061	1.42043	0.132903	0.364303	2.74542	0.017282	0.213717	4.68255									
cg08993103	SEL1L3	0.658698	0.303302	1.75324	1.75324	0.84296	1.1101	1.1101	0.383981	1.60012	1.60012	0.566352	1.35695	1.35695	0.304058	1.7516	1.7516									
cg08448605	C21orf58;C21orf58	0.658702	0.919218	0.980915	-1.01946	0.918683	0.90259	-1.08833	0.513	1.31672	1.31672	0.464961	1.31672	1.31672	0.464961	1.31672	1.31672									
cg15726260	HLA-JCNRNA00171	0.658704	0.845487	0.939403	-1.06445	0.819883	1.20129	1.20129	0.65922	1.12601	1.12601	0.896984	0.965953	-1.03525	0.90015	1.11553	1.11553									
cg25970082	WARS2;WARS2;WARS2;WARS2	0.658717	0.918353	0.982343	-1.01797	0.610413	0.914598	-1.09338	0.808833	1.04301	1.04301	0.744492	1.05846	1.05846	0.246429	1.2344	1.2344									
cg26317804	OPCML	0.658726	0.408386	1.17454	1.17454	0.46056	0.77718	1.86201	0.188969	0.693131	-1.44273	0.53096	0.673977	-1.4841	0.118837	0.908038	-2.46585									
cg01901801	SYT6	0.65873	0.961701	0.904533	-1.10554	0.509218	1.8861	1.8861	0.750181	1.35352	1.35352	0.859452	0.845388	-1.18289	0.114643	0.196728	-5.08317									
cg06629062	PAIP1B	0.658735	0.172088	2.42007	2.42007	0.508453	0.976983	-1.02356	0.674219	1.55669	1.55669	0.212178	2.22355	2.48155	0.225755	1.58486	1.58486									
cg00769501	GDAP1	0.658742	0.476087	1.59505	1.59505	0.39445	1.75408	1.75408	0.36677	1.83983	1.83983	0.555552	1.46839	1.46839	0.216404	1.32149	1.32149									
cg27645968	C2CD4C	0.65875	0.257271	0.461659	-2.1661	0.926546	0.941499	-1.06214	0.548553	0.672425	-1.48715	0.668321	0.754438	-1.32549	0.15962	0.37439	-2.67101									
cg10058204	FLI7201	0.658759	0.80092	1.27448	1.27448	0.208034	0.72828	-1.37228	0.28471	0.185497	-2.47898	0.422006	0.5401	2.43011	0.071126	0.1986	5.03397									
cg26820922	YIPF4;YIPF4	0.658762	0.686585	0.90306	-1.10735	0.761973	0.07936	0.07936	0.533605	0.853432	-1.17174	0.134903	1.49954	1.49954	0.163085	1.45389	1.45389									
cg21574273	BMPR1B	0.658765	0.642531	0.570065	-1.75419	0.822177	1.16698	1.16698	0.476438	0.608545	-1.64326	0.331919	0.503239	-1.98713	0.912634	1.0782	1.0782									
cg26292444	CHRNA6	0.658571	0.872212	-1.40637	-2.46077	0.4373	0.528088	-1.89362	0.533266	0.601411	-1.66276	0.359387	0.467964	-2.13692	0.242027	0.375357	2.66413									
cg11323751	TSNARE1	0.658854	0.188295	0.380398	-2.62882	0.639584	0.721081	-1.38681	0.674143	0.74587	-1.34072	0.323756	0.493318	-2.02709	0.106678	0.294852	-3.39153									
cg10543594	PCDH12	0.658886	0.81102	1.19779	1.19779	0.66634	0.87595	-1.14178	0.337768	1.37196	1.27724	0.179392	0.753358	1.68819	0.108473	0.317496	3.15027									
cg13154925	SPRY1	0.658864	0.938821	0.968596	-1.03242	0.468638	0.35866	-1.35866	0.600739	2.24545	2.24545	0.328151	0.952858	2.10494	0.152824	0.19374	5.16033									
cg27695504	WIPF3	0.658864	0.609389	0.676144	-1.47897	0.088468	4.501	4.501	0.143674	2.644	2.644	0.167682	0.906033	2.92617	0.342427	0.58707	-1.70346									
cg25834613	MAD1L1;MAD1L1;MAD1L1	0.658878	0.224498	2.1511	2.1511	0.268219	1.99837	1.99837	0.741698	1.21966	1.21966	0.748096	1.21341	1.21341	0.899839	1.07853	1.07853									
cg14189040	MIR9-3	0.658884	0.492082	0.634876	-1.57511	0.38754	0.561756	-1.78013	0.536007	0.664941	-1.50389	0.527266	1.51751	1.51751	0.722704	0.792951	-1.26111									
cg24297876	MAGOH	0.658885	0.68105	1.15445	1.15445	0.708404	0.606445	-1.64955	0.403339	1.27836	1.27836	0.688931	1.52162	1.52162	0.72995	1.2	1.2									
cg09673206	ENOX2;ENOX2	0.658889	0.219169	0.452842	-2.20828	0.229605	0.461706	-2.16588	0.540293	0.683813	-1.46239	0.48408	1.54645	1.54645	0.927551	1.05734	1.05734									
cg20648185	ATG16L2	0.658899	0.946376	1.00238	1.00238	0.107833	0.94291	-1.06025	0.911262	1.01262	1.01262	0.921697	1.03163	1.03163	0.921697	1.03228	1.03228									
cg01719123	ZNF395	0.658905	0.716607	1.05406	1.05406	0.219353	1.20508	1.20508	0.596793	1.08016	1.08016	0.239579	0.837063	-1.19465	0.854591	0.973853	-1.02685									
cg15975295	POLR2L	0.658918	0.871257	1.0261	1.0261	0.437065	0.914233	1.11423	0.837763	1.03522	1.03522	0.564263	1.2659	1.2659	0.334691	1.17125	1.17125									
cg21999991	ADRA1D	0.658926	0.120655	0.852786	-1.58104	0.770832	0.888142	-1.14595	0.88716	1.04105	1.04105	0.106264	0.456613	0.876157	-1.14135	0.147	0.533485	-1.88152								
cg13493560	PLS283	0.658929	0.774717	0.93624	-1.0681	0.564181	1.14321	1.14321	0.701583	1.09242	1.09242	0.50027	0.854629	-1.1701	0.595574	0.884273	-1.13087									
cg04228104	MIC1;MIC1;1	0.658934	0.147434	1.72782	1.72782	0.248802	0.859189	-1.1511	0.588686	0.87198	-1.16482	0.344407	0.872198	-1.14607	0.581908	1.03603	1.03603									
cg26515586	TBRG1;TBRG1	0.658934	0.39753	0.807618	-1.23821	0.286467	0.761083	-1.31392	0.405201	0.810542	-1.23374	0.373152	0.798119	-1.25295	0.962724	1.01159	1.01159									
cg10827798	BRE;BRE;BRE;BRE	0.658935	0.950921	1.04649	-1.04649	0.910403	0.76743	0.262466	0.485183	0.840615	-1.29081	0.61673	1.36177	1.36177	0.963267	0.992937	-1.07558									
cg15832209	LMAN2;LMAN2 TOMM40;TOMM40;TOMM40;TOMM4	0.658935	0.951235	0.971914	1.0289	0.165919	1.99016	1.99016	0.993105	1.34741	1.30741	0.28933	1.30741	1.30741	0.28933	1.16127	?		0.805305	1.12191	1.0532	0.0741	1.0532	0.741331	2.26439	0.10449
cg06632820	0;TOMM40;TOMM40	0.658937	0.853042	1.0419	1.0419	0.793551	0.943596	-1.05978	0.382253	1.2194	1.2194	0.683635	1.09527	1.09527	0.217789	1.33242	1.33242									
cg04159098	CSMD2 NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;	0.658968	0.377271	0.807382	-1.23857	0.389022	1.2318	1.2318	0.215934	1.36009	1.36009	0.956985	1.01282	1.01282	0.97921	0.993865	-1.00617									
cg08939481	NDRG2;NDRG2;NDRG2	0.658976	0.824197	1.09322	1.09322	0.609269	0.813429	-1.22936	0.177709	1.77494	1.77494	0.152788	1.84669	1.84669	0.623025	0.819984	-1.21954									
cg21899942	RGS6	0.658976	0.137235	0.197814	-5.05524	0.445795	2.19627	2.19627	0.547185	0.539732	-1.85277	0.458179	0.465464	-2.14839	0.296258	0.3339	-2.99491									
cg13761949	PARD3	0.658982	0.103127	2.07533	2.07533	0.146357	0.276137	2.72031	0.165495	0.637536	1.57526	0.64472	0.70131	2.39671	0.297306	0.703288	-1.42156									
cg25480315	PDRG1	0.658983	0.601614	1.10503	1.10503	0.473126	1.14904	1.14904	0.667737	1.08532	1.08532	0.776527	1.05544	1.05544	0.698834	0.928939	-1.0765									
cg20994490	ITGB3BP;FCAB7;ITGB3BP	0.658985	0.247071	0.718463	-1.39186	0.734514	1.16417	1.16417	0.496284	1.20884	1.20884	0.814742	1.23383	1.23383	0.953356	1.01454	-1.01454									
cg06872540	BANF2	0.65908	0.959343	0.987931	-1.01222	0.331958	1.26921	1.26921	0.84506	0.954466	-1.0477	0.991221	1.02602	1.02602	0.142107	1.45801	1.45801									
cg10522466	C16orf3;GAS8;GAS8	0.659042	0.290784	1.54787	1.54787	0.742113	1.14064	1.14064	0.193423	0.577867	-1.7305	0.446067	1.34522	1.34522	0.371232	0.693587	-1.44178									
cg26275737	HDAC4	0.659043	0.418453	1.18465	1.18465	0.552338	1.32348	1.32348	0.240856	1.12219	1.12219	0.674073	1.18165	1.18165	0.549579	1.44384	1.44384									
cg19529663	LATS2	0.659067	0.23487	0.340633	-2.93571	0.359749	0.442882	-2.25794	0.263142	0.36314	-2.75376	0.167018	0.279065	-3.57571	0.423189	0.492848	-2.02902									
cg12329980	CC4R1	0.659076	0.756283	1.13202	1.13202	0.47744	?	?	?	0.982511	?	?	0.324627	0.55244	-1.81009	0.82017	1.82017									
cg04593460	MAD1L1;MAD1L1;MAD1L1	0.659078	0.282719	0.764381	-1.30825	0.746083	0.924772	-1.08135	0.904931	0.971649	-1.02918	0.718988	0.9167	-1.09087	0.428782	0.823921	1.21464									
cg13637151	BAT2L1	0.659101	0.411153	1.62999	1.62999	0.954147	1.03399	1.03399	0.591828	0.730033	-1.3698	0.366641	1.71461	1.71461	0.218234	0.470986	-2.12321									
cg21545680	MYO5C	0.659103	0.191041	1.83598	1.83598	0.578242	1.13113	1.13113	0.540488	0.886158	-1.12839	0.482903	0.755402	-1.32399	0.482903	0.755402	-1.32399									
cg07428372	PPP1CA;PPP1CA;PPP1CA	0.659101	0.574361	1.9645	1.9645	0.771549	0.707214	-1.414	0.603992	0.536538	-1.8638	0.4237	2.64392	2.64392	0.234217	0.40976	2.44076									
cg08035755	MAP9;MAP9 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.659106	0.261399	0.784506	-1.3252	0.208351	1.06118	1.06118	0.371525	1.74676	1.24676	0.599173	0.753811	-1.32659	0.373482	0.865977	-1.15507									
cg15138282	C1	0.65911	0.606586	0.826756	-1.20955	0.672644	2.39542	2.39542	0.455246	1.41859	1.41859	0.837073	0.929131	-1.07637	0.511867	0.766488	-1.3078									
cg20992167	RBM19;RBM19;RBM19 SCO2;SCO2;TYMP;SCO2;TYMP;TYMP;S	0.659115	0.675096	1.23202	1.23202	0.790543	0.876322	-1.14113	0.536809	1.36809	1.36809	0.768212	1.15785	1.15785	0.079279	0.908238	-2.70828									
cg06299559	CO2;SCO2	0.659126	0.435696	2.51577	2.51577	0.498851	0.450921	-2.21768	0.370113	0.343782	-2.90882	?	?	?	?	0.867184	1.22411	1.22411								
cg14042687	UNC5B	0.659126	0.654863	0.918449	-1.08879	0.957788	0.990042	-1.01006	0.476176	1.1468	1.1468	0.389614	0.846464	-1.18139	0.633892	1.09496	1.09496									
cg00363750	ASPDH;ASPDH	0.659133	0.352814	0.636519	-1.57144	0.86684	1.08257	1.08257	0.656762	1.23546	1.23546	0.344428	1.5847	1.5847	0.457096	0.699058	-1.4305									
cg05303448	AAC5	0.659142	0.226596	0.580208	-1.72328	0.459204	0.790872	-1.25351	0.67944	1.13117	1.13117	0.533442	1.1946	1.1946	0.395675	0.908315	-1.10161									
cg21099326	TRIM35;PTK2B;PTK2B	0.659143	0.866575	1.0642	1.0642	0.960699	0.594385	-1.01586	0.917751	0.962471	-1.03899	0.910846	1.04235	1.04235	0.619879	1.20342	1.20342									
cg19993983	PLCL2	0.659144	0.240241	0.741241	-1.34896	0.373999	1.32227	1.32227	0.843842	0.40656	-2.46056	0.201693	0.343343	2.91299	0.125464	0.258332	-3.87009									
cg27024417	TXLNA	0.659151	0.30775	1.27605	1.27605	0.44256	0.720179	1.20719	0.932046	0.01989	0.01989	0.634577	0.895339	-1.1169	0.113369	1.48854	1.48854									
cg20105011	ANKMY1;ANKMY1	0.659151	0.449351	0.558534	-1.85588	0.707355	0.876322	-1.14113	0.536809	1.98993	1.98993	0.768212	0.791701	-1.2631	0.225661	0.905368	-2.73908									
cg22336867	LGALS7	0.659158	0.972226	1.01616	1.01616	0.550435	0.801151	1.80151	0.952803	0.993996	-1.0062	0.232889	0.94031	0.938239	1.14127	1.14127	1.14127									
cg11419410	MORN3	0.659169	0.832667	0.601134	-1.66352	0.902702	0.745137	-1.34204	0.591866	0.272031	-3.67605	0.208164	0.041088	-24.338	0.221514	21.9996	21.9996									
cg20463463	BRP3	0.659172	0.920937	1.08583	1.08583	0.928513	0.876322	-1.14113	0.536809	1.1686	1.1686	0.780603	1.12538	1.12538	0.100992	1.55529	1.55529									
cg21114303	PHF8	0.659179	0.61795	0.599525	-1.66799	0.510441	0.506993	-1.97241	0.830432	0.801963	-1.24384	0.200654	3.9562	3.9562	0.933998	0.919177	-1.08793									
cg05378922	CA2;SLMRP1;9	0.659187	0.773241	1.49373	1.49373	0.459703	1.0508	1.0508	0.887907	1.20119	1.20119	?	?	?	?	0.894591	-1.84939									
cg25501015	ADAMTS17	0.659214	0.767641	0.882405	-1.13327	0.490503	0.801115	-1.24839	0.583588	1.11883	1.11883	0.794274	0.914301	-1.09373	0.522501	0.171667	1.17169									
cg10493186	PRDM16;PRDM16	0.659212	0.26364	0.405458	-2.46635	0.881274	1.12275	1.12275	0.984493	1.01517	1.01517	0.994744	1.00512	1.00512	0.184676	0.336233	-2.97413									
cg10128548	TRIM67	0.659224	0.636799	1.1985	1.1985	0.577307	1.16487	1.16487	0.661251	1.03516	1.03516	0.270058	1.19465	1.19465	0.270058	1.19403	1.19403									
cg08936385	GNRHR;GNRHR	0.659214	0.773642	1.73138	1.73138	0.485905	0.259187	-3.84887	0.323635	0.70519	0.7059	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1-vs-1437 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	Ratio(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(1577 vs. N)	Fold-Change(1-vs-1577 vs. N)	Ratio(1637 vs. N)	Fold-Change(1-vs-1637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24452303	EPHB4		0.643249	0.7066	-1.30446	0.429484	1.31452	1.31452	0.382053	0.737878	-1.35224	0.944804	1.02219	1.02219	0.9681153	0.986554	-1.01363		0.3577 12	1.3787	1.3787	0.711412	0.881612	-1.13429	0.412363	0.73275	-1.32846	0.154581	0.596515	-1.6764	0.755261	1.37528	1.6186	1
cg14445955	UCG1001281644,SEC62;UC:I001281644	0.659376	0.698404	1.13092	1.13092	0.875125	1.0517	1.0517	0.745942	1.10982	1.10982	0.546809	1.21578	1.21578	0.357906	1.35394	1.35394		0.855675	0.943316	-1.06009	0.884084	1.84521	1.84521	0.197579	1.54733	1.54733	0.325029	1.38415	1.38415	0.75526	1.2676	1.44616	1
cg03339851	VKORC1L1	0.659383	0.756814	0.904031	-1.10616	0.467622	1.78574	-1.27134	0.61895	1.84972	-1.17686	0.695919	1.880227	-1.13607	0.8816508	0.534309	-1.87158		0.181438	0.630791	-1.58531	0.68515	0.875994	-1.14156	0.594332	1.19076	1.19076	0.982078	0.99273	1.000732	0.97525	1.26191	1.48521	1
cg24077501	FKBP9	0.659392	0.323994	0.81473	-1.2274	0.388295	1.19466	1.19466	0.500834	1.14734	1.14734	0.790528	0.947857	-1.05501	0.298695	0.805266	-2.14183		0.294192	0.803436	-1.24465	0.321334	0.81375	-1.22888	0.766713	1.06167	1.06167	0.677404	1.0878	0.755237	0.483993	0.569644	1
cg00931520	CACNA1H;CACNA1H	0.659393	0.907502	0.952519	-1.04985	0.467326	1.36278	1.36278	0.202727	1.7556	1.7556	0.687129	1.18465	1.18465	0.372629	0.687765	-1.4548		0.748261	0.873935	-1.14426	0.292886	0.633389	1.57881	0.424572	0.710849	-1.40677	0.523666	1.31059	1.31059	0.755236	2.09057	2.46583	1
cg15036894	FAM134B	0.6594	0.788407	0.819431	-1.22036	0.1007771	3.783382	3.783382	0.307817	2.18475	2.18475	0.912557	1.08472	1.08472	0.920055	0.930107	-1.07514		0.885592	0.898898	-1.11247	0.376594	1.95762	1.95762	0.251832	2.42602	2.42602	0.441843	1.78709	1.78709	0.755226	6.55568	7.71593	1
cg04413525	TBX15;TBX3	0.659421	0.971384	0.984248	1.0161	0.506949	1.727584	1.727584	0.134446	2.01028	2.01028	1.09856	1.457485	1.38453	1.38453	0.751324	0.608331	-1.16167		0.67433	0.81903	-1.22096	0.210329	0.439554	-2.27499	0.267283	0.579322	-1.72616	0.429447	1.46374	1.46374	0.755195	2.66867	3.14111	1
cg15908455	TSPAN33	0.659422	0.312164	2.24918	-2.24918	0.513598	1.63036	1.63036	0.207673	2.80111	2.80111	0.625599	1.78551	1.78551	0.507642	2.04943	2.04943		0.101901	0.40716	-2.45716	0.18746	0.835903	1.19631	0.840041	1.16497	1.16497	0.92398	0.928677	1.07268	0.757994	7.18882	8.46148	1
cg26739829	PANK1	0.659425	0.762472	0.92301	-1.08459	0.503521	1.19944	1.19944	0.775815	1.07948	1.07948	0.380489	0.785862	-1.27249	0.734304	0.912783	-1.09555		0.193813	1.44525	1.44525	0.173029	1.47462	1.47462	0.672752	1.12053	1.12053	0.414282	1.25051	1.25051	0.755189	0.858243	1.01019	1
cg26582777	SYNGR1;SYNGR1	0.659439	0.709385	0.9662	-1.03503	0.324282	3.08548	3.08548	0.181515	1.25011	1.25011	0.594127	1.03039	1.03039	0.5134	1.11417	1.11417		0.531606	0.868331	-1.15164	0.4	1.01852	1.01852	0.508628	1.16114	1.16114	0.755169	0.593744	0.69888	1
cg21412748	FCHSD2	0.659443	0.772613	0.923301	-1.08307	0.795431	1.07418	1.07418	0.270016	1.37211	1.37211	0.442581	1.25183	1.25183	0.102044	1.56473	1.56473		0.994807	1.00179	1.00179	0.641973	0.870607	-1.14862	0.422568	0.798017	-1.25311	0.755162	0.907305	1.06797	1
cg09938768	EPHB3	0.659448	0.65019	0.88033	-1.12319	0.677916	1.11212	1.11212	0.171882	1.60656	1.60656	0.447198	0.686842	0.902014	-1.10801	0.887488	1.01668	1.01668	0.121283	0.82318	-1.21447	0.533322	0.844491	0.820027	-1.21947	0.612997	1.01537	1.015372	0.301093	0.761384	1.3134	0.755156	0.774268	0.911585	1
cg21212403	DIO3	0.659449	0.540276	0.615155	-1.62561	0.499799	1.71057	1.71057	0.745585	1.38924	1.38924	0.765399	1.26431	1.26431	0.057647	0.185926	-5.37848		0.667296	0.712542	-1.40343	0.756891	0.783992	1.27552	0.833993	0.848338	-1.17878	0.958139	0.959698	-1.04399	0.755154	7.34574	8.64664	1
cg23402429	PLB1;PLB1	0.659462	?	?	?	?	?	?	?	?	?	0.989837	3.1085	3.1085	0.645232	1.6241	1.6241		?	?	?	?	?	?	0.787691	0.755076	-1.32437	0.578434	2.8651	6.60427	1
cg18496637	FCYOX1L	0.659464	0.729934	1.43072	1.43072	0.381968	1.29042	1.29042	0.126635	1.59075	1.59075	0.940888	0.979331	1.02113	0.542464	1.04688	0.959143	1.04211	0.601726	1.16153	1.16153	0.493702	0.820663	-1.21853	0.861349	1.05097	1.05097	0.92875	0.907456	1.01766	0.967016	1.1383	1
cg01539510	FNDC1	0.659469	0.376783	0.450619	-2.21917	0.88073	0.876375	-1.14106	0.492622	1.84497	1.84497	0.989334	1.01182	1.01182	0.27832	0.371291	-2.69331		0.565842	0.600415	-1.66552	0.105845	0.211713	-4.72338	0.325634	0.409824	-2.44007	0.921592	0.917108	-1.09038	0.755125	9.2383	10.8748	1
cg24280246	SPRY2	0.659472	0.430741	0.685157	-1.45952	0.659322	1.01735	1.01735	0.129193	1.75395	1.73875	1.73875	0.456109	0.699871	-1.42894	0.191099	0.521888	-1.91612		0.919421	0.91554	-1.09231	0.106371	0.62682	1.59563	1.609868	1.05088	0.818924	0.908745	-1.10042	0.755121	2.64352	3.11182	1
cg10562786	MICAL2	0.659485	0.689597	0.766124	1.30497	0.726358	1.37339	1.37339	0.325152	1.96248	1.96248	0.583324	0.892393	-1.44422	0.176854	0.546046	0.666697	-1.49993	0.414277	0.574766	-1.73984	0.105982	0.360861	-2.22726	0.745778	0.807972	-1.23765	0.418979	0.578112	-1.72977	0.755102	2.06007	6.1991	1
cg26274090	LGALS14;LGALS14;LGALS14;LGALS14	0.659489	0.89429	0.955877	-1.04616	0.66139	1.16137	1.16137	0.548583	1.2288	1.2288	0.714447	1.13285	1.13285	0.461673	0.775417	-1.28963		0.398835	0.745877	-1.3407	0.172084	0.610558	-1.63785	0.729687	0.888926	-1.12495	0.237151	1.52254	1.52254	0.755096	1.37786	1.62199	1
cg04888116	MARCH8;MARCH8;MARCH8	0.659497	0.329571	0.64272	-1.55593	0.232822	1.93358	1.93358	-1.68532	0.378375	0.557303	-1.79436	0.882073	0.990855	-1.00918	0.743202	0.840496	-1.19062		0.560066	0.789292	-1.26696	0.304712	0.54433	1.83708	0.547317	0.793306	-1.26055	0.857327	1.07635	1.07635	0.75084	1.99026	2.35354	1
cg11593482	ADPRH	0.659507	0.778116	1.32221	1.32221	0.235153	1.42203	1.42203	0.098368	0.166583	-2.06013	0.56	1.46376	1.46376	0.952269	0.942533	-1.06097		0.887207	0.86908	-1.15064	0.428906	0.450027	-2.22209	0.904904	1.12543	1.12543	0.896114	1.13787	1.13787	0.71601	13.762	1	
cg18470221	BAD1	0.659507	0.462468	0.687706	-1.45766	0.678541	1.85731	1.2442	0.664292	1.26597	1.26597	0.967808	0.978442	1.022033	0.464418	0.680904	-1.46908		0.75201	1.08256	1.08256	-1.18672	0.0573529	0.331171	3.019114	0.831016	0.587285	-1.71885	0.791367	0.8666	-1.15364	0.77008	0.905	1
cg26360004	SPSB1	0.659508	0.764604	1.06919	1.06919	0.550189	1.14415	1.14415	0.943751	0.984404	-1.01584	0.441521	1.19104	1.19104	0.838419	0.955535	-1.04653		0.708507	1.08726	1.08726	0.041888	1.68604	1.68604	0.959069	1.0115	1.0115	0.708477	1.08727	1.08727	0.755069	0.593443	0.698619	1
cg12606302	ISG F11	0.659516	0.695146	0.82306	-1.21498	0.663918	0.806505	-1.2413	0.695453	0.823232	-1.21472	0.507788	1.39405	1.39405	0.359011	0.627305	-1.59412		0.656445	0.343744	-2.90914	0.730379	0.842782	-1.18655	0.73187	0.843618	-1.18537	0.553524	0.743557	-1.34492	0.755056	2.92339	3.44155	1
cg20999348	PIKCE	0.659523	0.291807	0.653772	-1.52959	0.985266	0.993836	-1.00722	0.360266	1.44117	1.44117	0.783057	1.1132	1.1132	0.399256	0.715117	-1.39837		0.846478	0.92745	-1.07823	0.169198	0.566036	-1.76667	0.3318	0.677705	-1.47557	0.688141	1.16971	1.16971	0.705047	1.80537	2.1254	1
cg13782937	ABLIM1;ABLIM1;ABLIM1	0.659524	0.218959	0.594467	-1.68218	0.734177	1.14696	1.14696	0.538742	0.778511	-1.2845	0.884093	1.06043	1.06043	0.09771	0.481468	-2.07698		0.432198	0.724367	-1.38052	0.815128	0.910082	-1.0988	0.740173	1.14325	1.14325	0.407759	0.711313	-1.40585	0.755045	1.93515	2.27818	1
cg10201390	DYNC7I	0.659529	0.278265	1.04739	0.943634	0.15106	1.15106	1.15106	0.854842	1.1	1.1	0.556	0.9548	1.4368	0.187506	0.158625	0.85	0.468273	0.4	0.30696	4.30696		0.204251	0.705831	-1.4164	0.190576	0.295514	1.48866	0.904038	1.26054	1.26054	0.147866	0.904038	46.8201	55.1202	1
cg07696485	TRANK1	0.659531	0.704353	0.875064	-1.14277	0.915316	0.963448	-1.03794	0.414496	1.33912	1.33912	0.692083	0.869925	-1.14952	0.200069	0.62259	-1.60619		0.525294	0.798247	-1.25274	0.177922	0.605828	-1.65063	0.689087	0.868669	-1.15119	0.389682	1.3615	1.3615	0.755035	1.4655	1.72531	1
cg10334411	C1orf186	0.659533	0.588354	1.35418	1.35418	0.172411	2.23853	2.23853	0.890428	1.07948	1.07948	0.352949	1.6995	1.6995	0.646476	1.29207	1.29207		0.296584	1.82301	1.82301	0.242242	0.507077	-1.97209	0.70394	1.23595	1.23595	0.792688	0.864028	-1.15737	0.755031	3.6815	4.33418	1
cg26407097	GSDMD;GSDMD;GSDMD	0.659546	0.366984	0.593188	-1.68534	0.661599	1.53158	1.53158	-1.68532	0.378375	0.557303	-1.79436	0.882073	0.990855	-1.00918	0.743202	0.840496	-1.19062		0.412332	0.425213	-2.35103	0.844245	1.10085	1.10085	0.75013	0.429237	-2.32911	0.844245	1.10085	0.75013	0.379237	0.464482	0.547	1
cg14894367	AP2A2	0.659547	0.471883	1.78949	1.78949	0.534307	1.64953	1.64953	0.164093	3.7234	3.7234	0.761009	1.27455	1.27455	0.991177	0.991246	-1.00883		0.185203	0.327156	-3.05665	0.784155	1.24401	1.24401	0.492644	1.11334	1.11334	0.718498	0.749868	-1.33357	0.550111	7.56179	8.80263	1
cg14864022	RREB1;RREB1;RREB1;RREB1	0.659548	0.442006	0.694766	-1.44008	0.684314	1.28293	1.28293	0.311242	1.60249	1.60249	0.945656	0.992455	1.00755	0.426422	1.1021	1.1021		0.575797	0.7382	-1.3547	0.499939	1.1367	1.4079588	1.23085	0.937372	-1.06681	0.407188	1.21085	1.21085	0.755001	0.925325	1.07735	1
cg13859478	CANX;CANX	0.659552	0.54192	0.83692	-1.19486	0.924339	1.02777	1.02777	0.758283	1.09309	1.09309	0.496696	0.819558	-1.22017	0.500361	1.21805	1.21805		0.0711086	0.559155	-1.78841	0.933468	0.976212	-1.02437	0.635903	0.871521	-1.14742	0.588834	1.17041	1.17041	0.755004	0.994204	1.17051	1
cg26622232	CXXR1;CXR1	0.659577	0.378066	0.613059	-1.63116	0.528902	0.708128	-1.41127	0.470124	0.671977	-1.48835	0.293822	0.554822	-1.80238	0.193597	0.475113	2.10476		0.826405	0.887958	-1.12618	0.085868	0.357138	-2.80004	0.781521	0.860354	-1.16233	0.988337	0.992123	-1.00794	0.754967	3.49974	4.12055	1
cg23978155	RAPH1;RAPH1	0.659587	0.877586	0.964768	1.03706	0.76057	0.89201	-1.12165	0.721286	0.880173	0.964744	-1.03683	0.876552	1.00255	0.088017	0.729542	0.802542		0.780546	1.08099	1.08099	0.0	0.744375	-1.34522	0.999756	0.805555	-1.15533	0.515721	1.18628	1.18628	0.754953	0.887061	1.04443	1
cg25323676	CPNE6	0.65959	0.400385	0.598633	-1.67047	0.234215	0.475534	-2.1029	0.28561	0.516302	-1.93685	0.463918	0.641238	-1.55948	0.133853	0.381471	-2.62143		0.81038	1.15405	1.15405	0.63138	0.749652	-1.33395	0.67973	0.780792	-1.28075	0.207647	0.452942	-2.20779	0.754949	4.2483	5.00202	1
cg16049707	SMG2;SMG2	0.659603	0.769153	1.18473	1.18473	0.54155	0.979385	1.07224	0.151577	0.502014	-1.99188	0.410935	0.625398	-1.59898	0.097255	0.416264	-2.40238		0.758046	0.94586	-1.0621	0.818586	0.771497	-1.2963	0.911649	1.13649	1.13649	0.540009	0.80832	-1.23649	0.754944	2.48384	2.92458	1
cg15864181	C20orf20	0.659608	0.652719	0.93513	0.949491	0.09672	1.09672	0.981785	0.967274	-1.03383	0.803626	1.4378	1.4378	0.763721	1.55174	0.551774			0.646969	0.95826	0.105423	0.13731	13.1731	0.162883	0.76687	0.876687	1.04009	0.80832	1.15649	1.15649	0.754922	25.3969	29.9038	1
cg02910913	C17orf28	0.659623	0.851602	0.960684	-1.04092	0.930313	0.981394	-1.01896	0.518804	1.15037	1.15037	0.828779	1.04748	1.04748	0.302226	0.795407	-1.25722		0.15759	1.38216	1.38216	0.490464	0.860694	-1.16185	0.540832	0.875818	-1.14179	0.343109	1.23267	1.23267	0.754901	0.584423	0.645763	1
cg05501682	DMP2;DMP2	0.659638	0.788204	1.09886	1.09886	0.615217	1.07238	1.07238	0.196233	1.1634	1.1634	0.20762	0.793358	1.09886	0.554107	0.598808	0.697315	0.416164	-2.40238	0.41796	-2.39255	0.0	0.437189	-2.28662	0.416164	0.416164	0.0	0.416164	0.755002	0.438934	0.432746	1
cg00437173	KCNS1	0.659641	0.784425	1.05022	1.05022	0.264184	1.23115	1.23115	0.594178	0.908385	-1.10085	0.602896	0.92462	-1.08153	0.832332	1.03861	1.03861		0.93255	0.984989	-1.01524	0.508799	1.12723	1.12723	0.118505	0.738742	-1.35365	0.502673	1.12924	1.12924	0.754875	0.381691	0.449453	1
cg22959899	PTPRS;PTPRS;PTPRS;PTPRS	0.659645	0.442006	0.694766	-1.44008	0.684314	1.28293	1.28293	0.311242	1.60249	1.60249	0.945656	0.992455	1.00755	0.426422	1.1021	1.1021		0.477519	1.26705	1.26705	0.408443	1.13668	1.13668	0.959078	0.996368	-1.00636	0.533457	1.22123	1.22123	0.754872	0.72318	0.852	1
cg14256136	P4HA1;P4HA1;P4HA1;P4HA1	0.659652	0.113621	1.86647	1.86647	0.854161	0.935474	-1.06898	0.767009	1.11372	1.11372	0.684003	0.862138	-1.15991	0.237944	0.638821	-1.56538		0.361539	1.40495	1.40495	0.697154	1.15231	1.15231	0.928599	0.968302	-1.03302	0.808997	0.95501	-1.04711	0.754858	1.57106	1.85002	1
cg03405065	PTPRT;PTPRT	0.659654	0.941117	0.9797	-1.02077	0.365865	0.773434	-1.29459	0.604622	0.865025	1.15604	0.991062	0.986886	-1.67033	0.940158	0.911863	-1.09766		0.678037	1.12289	1.12289	0.164534	1.27507	1.27507	0.264418	0.930284	-1.08662	0.754856	0.914954	1.08507	1	
cg04056179	MOBK3;MOBK3;MOBK3;MOBK3	0.659666	0.123615	0.567609	-1.76178	0.350135	0.963448	-1.03794	0.414496	1.33912	1.33912	0.692083	0.869925	-1.14952	0.200069	0.62259	-1.60619		0.970307	0.98744	-1.0272	0.306987	1.43206	1.43206	0.532993	1.23915	1.23915	0.754795	0.980926	1.01944	0.754839	1.3785	1.62331	1
cg13150447	LOC645323	0.659666	0.661567	0.857663	-1.16596	0.470695	0.774306	-1.29148	0.778638	0.675258	-1.48092	0.508268	0.791413	-1.26356	0.561898	1.2268	1.2268		0.572462	1.21995	1.21995	0.255108	1.5131	1.5131	0.286642	1.47062	1.47062	0.965437	1.01522	1.01522	0.754838	1.45257	1.71053	1
cg18250098	ZNF491	0.659668	0.446094	0.837803	-1.19405	0.503851	0.915151	-1.09152	0.302377	1.14735	1.14735	0.38662	1.12077	1.12077	0.582704	0.804	0.931694	-1.07389		0.473549	0.400039	-2.50004	0.956684	1.0044	-1.00442	0.995419	0.998683	-1.00132	0.754818	0.970308	0.232251	1	
cg08869160	MICAL1;MICAL1	0.659682	0.738093	0.83752	-1.194	0.703623	1.23379	1.23379	0.526628	1.4035	1.4035	0.845021	1.10894	1.10894	0.089809	0.372308	2.68595		0.456793	0.670045	-1.49244	0.478175	0.683185	-1.46373	0.641094	0.780316	-1.28153	0.309478	0.573671	-1.74316	0.754815	3.37322	3.93005	1
cg18425648	SMAD1;SMAD1	0.659682	0.139438	0.640418	-1.56126	0.258702	0.75737	-1.31972	0.763771	0.925296	-1.08074	0.848166	0.953624	-1.05053	0.874039	1.0417	1.0417		0.741916	0.918362	-1.0889	0.262617	1.35102	1.35102	0.968985	0.950034	-1.01507	0.647788	1.20963	1.20963	0.754815	0.792329	0.934184	1
cg16173577	VWC2L	0.659691	0.652058	0.862423	-1.15952	0.453124	0.76424	1.26424	0.387552	1.18536	1.18536	0.449995	0.780652	-1.26638	0.239378	0.528231	-1.45936		0.530075	0.6149	-1.62649	0.36512	1.33889	1.33889	0.371394	0.75459	-1.32522	0.55437	1.20139	1.20139	0.754797	1.12521	1.32511	1
cg02194396	SHC2	0.659699	0.34377	0.74167	-1.34839	0.737775	0.902141	-1.10847	0.665905	0.875343	-1.14241	0.51624	0.817314	-1.22352	0.755081	0.908548	-1.10066		0.384117	0.760704	-1.31457	0.365312	0.751949	-1.32988	0.681449	0.881174	-1.13485	0.126511	1.65966	1.65966	0.75479	1.12292	1.32242	1
cg13520782	RPL30;RPL30	0.65971	0.756201	0.914979	1.09312	0.7395	1.1395	1.1395	0.407021	1.14669	1.14669	0.613482	1.28781	1.28781	0.207878	0.741577	1.34884		0.840512	1.13647	1.13647	0.341357	0.825603	1.21124	0.810356	0.937707	1.09777	0.94349	0.908234	1.01086	0.754785	0.743575	0.883382	1
cg13223803	KIF26B	0.659724	0.773044	0.798757	-1.25194	0.127867	0.593555	0.593555	0.179714	3.0261	3.0261	0.558441	0.631386	-1.58382	0.983346	1.01635	1.01635		0.880964	0.890084	-1.12349	0.499723	0.58721	-1.70297	0.899823	0.906773	-1.10281	0.74312	0.774495	-1.29116	0.754754	7.21787	8.50062	1
cg18350541	STARD8;STARD8	0.659725	0.219827	0.971585	1.07138	0.175809	0.163418	-6.11927	0.903533	1.16464	1.16464	0.70768	1.60646	1.60646	0.994287	1.00905	1.00905		0.678016	1.11239	1.11239	0.564356	0.47913	-2.08712	0.464335	0.343347	-2.91251	0.72973	1.5472	1.5472	0.754752	18.9302	22.3496	1
cg24502022	ZNF680;ZNF680	0.659737	0.541604	0.817091	-1.22385	0.865138	0.945943	-1.05715	0.736092	0.895307	-1.11694	0.460651	0.782267	-1.27834	0.274289	1.45047	1.45047		0.881911	0.9498	1.04838	0.144633	1.66001	1.66001	0.535042	0.81434	-1.22799	0.44039	1.29039	1.29039	0.754735	1.27756	1.50464	1
cg26264314	NLRP5	0.659745	0.105738	0.0509264	-19.6362	0.840756	0.712505	-1.4035	0.439157	0.264622	-3.77897	0.788664	1.5725	1.5725	0.268676	0.143547	-6.96637		0.684069	0.501919	-1.99236	0.299376	0.163295	-6.12387	0.725632	0.5523	-1.81061	0.221672	0.11483	-8.70853	0.754724	33.934	39.9663	1
cg26601905	RAI1	0.659763	0.222064	0.524219	-1.90762	0.493719	0.764	-1.30852	0.583719	1.24628	1.24628	0.745274	1.12077	1.12077	0.582704	0.931694	-1.07389		0.87914	1.07959	-1.02491	0.431752	0.667766	-1.49753	0.368399	1.15935	1.15935	0.365685	0.626415	-1.59619	0.754607	1.02737	1.20987	1
cg12777293	TAF3	0.659772	0.0915076	2.4205	2.4205	0.737478	1.17355	1.17355	0.903787	1.05921	1.05921	0.601485	0.778278	-1.28489	0.523284	0.734611	-1.36127		0.701284	0.832479	-1.20123	0.359606	1.5653	1.5653	0.492146	0.717578	-1.39358	0.957614	1.02561	1.02561	0.754683	2.7048	3.1858	1
cg09483247	TYSND1;TYSND1	0.659779	0.97182	0.98554	1.01489	0.891489	1.07726	1.07726	0.654485	0.936487	1.03639	0.227741	0.945225	1.05825	0.229736	1.40301	1.40301		0.367516	0.777994	1.28543	0.276452	0.715576	-1.40533	0.760661	0.982857	-1.01204	0.819377	1.06346	1.06346	0.754644	0.72644	0.85	1
cg17191006	NELL2;NELL2;NELL2;NELL2	0.659792	0.247835	1.91343	1.91343	0.880345	1.08427	1.08427	0.590152	0.746739	-1.33916	0.328536	0.581793	-1.71882	0.990796	1.00621	1.00621		0.936855	1.04347	1.04347	0.173022	2.17878	2.17878	0.308759	1.76082	1.76082	0.899131	0.934156	-1.07048	0.754654	3.44775	4.06101	1
cg19258784	ROBO1;ROBO1;ROBO1;ROBO1	0.659793	0.371363	0.705694	-1.41704	0.163577	0.567294	-1.76275	0.486283	0.765591	-1.3096	0.353443	1.43911	1.43911	0.714361	1.15045	1.15045		0.944659	0.973879	-1.02682	0.334711	0.693126	-1.44329	0.391376	0.71546	-1.3977	0.809281	1.09657	1.09657	0.754653	1.73747	2.04652	1
cg00725912	PIP5K2;PIP5K2	0.659805	0.210758	0.599104	-1.66883	0.896283	1.09589	1.09589	0.310004	0.522908	-1.91237	0.462753	0.655737	1.52497	0.176576	1.19117	1.19117		0.840512	1.13647	1.13647	0.341357	0.825603	1.21124	0.810356	0.937707	1.09777	0.94349	0.908234	1.01086	0.754785	0.743575	0.883382	1
cg06185860	C16orf72;ZNF276;ZNF276	0.659805	0.422329	1.33935	1.33935	0.684491	1.15678	1.15678	0.978338	1.00973	1.00973	0.459321	1.30812	1.30812	0.68293	0.866517	-1.15405		0.100026	0.525996	-1.90115	0.994444	0.997521	-1.00249	0.428018	1.33438	1.33438	0.558062	1.23512	1.23512	0.754635	1.5189	1.78912	1
cg09665332	SGIP1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(473T vs. N)	Fold-Change(473T vs. N)	p-value(535T vs. N)	Fold-Change(535T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	S(Test)	SS(Error)	F(Error
cg04010122	SOS1	0.6603177	0.0703115	0.502675	-1.98975	0.798748	0.91678	-1.09077	0.763873	1.10789	1.10789	0.878281	0.949216	-1.05535	0.169811	0.608176	-1.64426	0.520492	0.801305	-1.24796	0.838711	0.919038	-1.07177	0.555097	0.816279	-1.22507	0.778152	0.908579	-1.10062	0.753803	1.38073	1.62816	1
cg22274251	BCKDHB;BCKDHB	0.660381	0.680204	0.805419	-1.24159	0.735531	1.19363	1.09365	1.004385	1.06475	1.06475	0.149524	0.946285	-1.24072	0.739328	1.19047	1.19047	0.575886	0.744478	-1.34322	0.165582	0.462047	-2.16428	0.401161	1.5662	1.5662	0.992465	0.995082	0.100494	0.753797	2.35424	3.83746	1
cg10583473	MICALL2	0.6603368	0.201782	0.664007	-1.50601	0.999325	1.29922	1.29922	0.335199	1.35242	1.35242	0.674631	1.13685	1.13685	0.557379	0.835052	-1.19753	0.473334	1.24801	1.24801	0.260875	1.42791	1.42791	0.905618	1.03669	1.03669	0.691159	1.12897	1.12897	0.753787	1.10167	1.29912	1
cg17941247	ZDHHC14;ZDHHC14	0.6604042	0.8938397	-1.04341	0.709342	1.125861	1.125861	1.125861	0.3553151	1.35127	1.35127	0.203983	0.654126	-1.52876	0.892225	0.957908	-1.04385	0.639591	0.859852	-1.16294	0.516744	0.582986	-1.71531	0.773839	0.912804	-1.09551	0.641556	0.862057	-1.16002	0.753766	1.19667	1.41119	1
cg14189534	SGK269	0.660431	0.855461	1.06416	1.06416	0.897158	1.04509	1.04509	0.851492	0.937958	-1.06615	0.161273	0.600354	-1.66558	0.689768	1.14171	1.14171	0.459397	1.29293	1.29293	0.14358	1.75013	1.70913	0.541558	1.23462	1.23462	0.879223	0.949462	-1.05323	0.753724	1.3885	1.6375	1
cg12725420	RBPMS2	0.6604343	0.5464091	0.886128	-1.11591	0.894645	0.97644	-1.02413	0.606629	1.00796	1.00796	0.612374	0.912158	-1.09563	0.607623	0.910316	-1.09768	0.76091	1.05644	1.05644	0.21428	0.790357	1.26525	0.72722	0.938929	-1.06504	0.130053	1.34212	1.34212	0.753721	0.386518	0.455833	1
cg07290552	FAM164A	0.6604439	0.59259	0.883784	-1.1315	0.515345	1.16286	1.16286	0.943003	0.983778	-1.01649	0.312119	1.26417	1.26417	0.291863	1.28422	1.28422	0.349186	0.802169	-1.24662	0.231534	0.750488	-1.33247	0.760257	1.07251	1.07251	0.668392	1.10359	1.10359	0.753713	0.624524	0.736531	1
cg07525512	TBX5;TBX5;TBX5;TBX5	0.6604504	0.996703	1.00199	0.828556	1.19489	1.19489	1.19489	0.912002	0.775081	-1.29688	0.289967	0.405826	-2.46411	0.597032	0.604567	-1.54888	0.201823	0.315141	-3.01966	0.187997	0.315353	-3.17042	0.994201	2.0455	2.0455	0.431074	0.517374	-1.93284	0.753702	8.02691	9.46965	1
cg07523986	CLSTN3;CLSTN3	0.6604649	0.327161	0.822259	-1.23113	0.230854	1.29482	1.29482	0.257017	1.27353	1.27353	0.483805	0.863704	-1.1578	0.846925	1.04053	1.04053	0.621085	0.902643	-1.10786	0.612965	0.900453	-1.11055	0.534256	1.13814	1.13814	0.150378	1.12986	1.12986	0.753699	0.504417	0.594894	1
cg12530481	ILF2	0.6604651	0.268931	1.5033	1.5033	0.763302	1.11286	1.11286	0.7537	0.894542	-1.11789	0.353821	1.40181	1.40181	0.257678	1.51925	1.51925	0.813685	0.919809	-1.08718	0.209161	0.625815	-1.59792	0.661249	0.855457	-1.16897	0.993093	0.99694	-1.00307	0.753695	1.49639	1.76481	1
cg12142584	DOCK5	0.6604663	0.462473	0.909676	-1.09976	0.876863	1.10982	1.10982	0.455993	1.10086	1.10086	0.829115	0.979313	-1.02127	0.535606	0.897204	-1.11455	0.536809	0.922749	-1.08372	0.267168	0.863891	-1.15755	0.809961	1.14528	1.14528	0.28189	1.15204	1.15204	0.753677	0.191212	0.225516	1
cg17661881	PARP1	0.6604775	0.0780358	0.664332	-1.50527	0.946556	1.0141	1.0141	0.24928	0.777626	-1.28597	0.963361	1.00964	1.00964	0.943671	0.985349	-1.01487	0.855088	0.962535	-1.03892	0.456187	0.853415	-1.17176	0.247069	0.776627	-1.28762	0.755585	0.936861	-1.06739	0.753636	0.520732	0.614167	1
cg24879415	CYGB;PEC2	0.6604848	0.462237	0.5610158	-1.78241	0.40428	1.91208	1.91208	0.644138	1.43381	1.43381	0.554498	0.631706	-1.58302	0.193287	0.345156	-2.89556	0.672635	1.38844	1.38844	0.773158	1.25008	1.25008	0.99124	0.943471	-2.09146	0.720943	0.758051	-1.31917	0.753654	1.71927	0.83925	1
cg24621982	CADM2;CADM2	0.6604887	0.68568	1.05004	1.05004	0.447822	1.09727	1.09727	0.898463	1.01544	1.01544	0.379125	0.897384	-1.11435	0.457126	1.09515	1.09515	0.272525	0.871932	-1.14688	0.154618	0.83292	-1.2006	0.872462	0.980907	-1.01946	0.701179	0.954788	-1.04755	0.753642	0.171865	0.202707	1
cg03004273	PTPRM;PTPRM	0.6605013	0.450981	0.859789	-1.11622	0.575114	1.0853	1.0853	0.272414	0.849133	-1.17767	0.35967	1.14433	1.14433	0.35446	1.14715	1.14715	0.535918	0.19389	1.09389	0.345071	1.14938	1.14938	0.992894	1.00128	1.00128	0.353937	1.14629	1.14629	0.753605	0.244608	0.28852	1
cg03966514	SPG20;SPG20;SPG20;SPG20	0.6605031	0.307459	0.50843	0.50843	1	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.515072	2.53157	2.53157	?	?	0.615481	2.01474	2.01474	0.754717	0.415974	0.51528	1
cg24258806	RRAS2;RRAS2	0.6605522	0.501826	0.878754	-1.13798	0.903887	1.02317	1.02317	0.240977	0.792152	-1.26207	0.673635	0.922821	-1.08363	0.442906	1.15991	1.15991	0.865563	1.03265	1.03265	0.112114	0.720346	-1.38822	0.64758	1.09119	1.09119	0.637789	0.914008	-1.09408	0.753592	0.429108	0.506149	1
cg19151345	ABHD5	0.6605614	0.466613	0.833652	-1.19957	0.475927	0.816899	-1.19489	0.757348	1.03767	1.03767	1.03767	0.998792	1.15896	0.558494	1.09563	1.09563	0.528413	1.16986	1.16986	0.18656	0.708983	-1.41047	0.328889	0.780739	-1.28084	0.97732	1.00701	1.00701	0.753566	0.720045	0.849349	1
cg19726630	CMTM8	0.6605654	0.911463	0.880133	-1.13591	0.791332	1.1.9558	1.3558	0.985993	1.36672	1.36672	0.897792	1.15896	1.15896	0.554834	1.09248	1.09248	0.502493	0.457847	-2.18414	0.0659878	0.6673	1.50.673	0.556604	0.54163	-1.84628	0.574987	0.521877	-1.91616	0.753566	15.7264	18.5505	1
cg10406117	STBD1	0.6605656	0.578696	1.3843	1.3843	0.652891	0.769154	-1.30013	0.576157	0.720784	-1.38738	0.517692	0.683703	-1.46262	0.448045	0.638737	-1.56559	0.0852704	3.03116	3.03116	0.753456	0.833045	-1.20042	0.809846	0.86057	-1.14999	0.713365	0.807433	-1.23849	0.753543	4.0112	4.73166	1
cg10328279	YWHAQ	0.6605662	0.317368	1.1459	1.1459	0.939805	0.905641	-1.10419	0.946284	0.915372	-1.09245	0.555629	2.20877	2.20877	0.688235	1.60981	1.60981	0.104011	0.0970344	-10.3056	0.194272	0.649438	-1.66287	0.782792	1.43734	1.43734	0.518663	0.422726	-2.36001	0.753534	20.5538	24.2458	1
cg20368463	PQLC1;PQLC1;PQLC1	0.6605665	0.717256	0.790525	-1.26498	0.556695	1.47731	1.47731	0.297348	0.203037	2.01037	0.290112	0.203328	2.03128	0.294807	0.947017	3.27638	3.27638	0.985307	0.986488	-1.0137	0.285768	2.04739	0.754378	1.2245	1.2245	0.912675	1.07348	1.07348	0.753453	4.98577	5.88138	1
cg21017077	DPH3B;TCF15	0.6605722	0.6955222	1.1893476	1.1893476	0.824007	1.09858	1.09858	0.844301	1.10219	1.10219	0.833474	1.32208	1.32208	0.222448	1.32047	1.32047	0.657295	0.948472	-1.05466	0.370997	0.659531	1.50531	1.05331	0.955316	1.08571	1.08571	0.955128	0.976506	1.08552	1.08552	0.753528	0.975556	0.820492	1
cg01728884	ANP32A	0.6605726	0.739845	0.914024	-1.09406	0.773993	0.925269	-1.08077	0.543973	1.18021	1.18021	0.417752	0.799801	-1.25031	0.911696	1.03038	1.03038	0.834584	1.05803	1.05803	0.117029	0.631704	-1.58302	0.177612	0.679426	-1.47183	0.762821	1.08508	1.08508	0.753514	0.868515	1.02455	1
cg05875066	KIF26A	0.6606058	0.148012	0.468385	-2.13499	0.794819	1.13584	1.13584	0.35197	1.59702	1.59702	0.733931	1.18145	1.18145	0.522111	0.728332	-1.373	0.743506	0.85174	-1.17407	0.278736	0.576702	-1.734	0.980322	1.01213	1.01213	0.475504	1.42566	1.42566	0.753507	2.85056	3.36272	1
cg04876072	PFKFB4	0.6606582	0.649237	1.0983	1.0983	0.911005	0.948132	1.14556	0.873494	1.11509	1.11509	0.68393	1.07593	1.07593	0.959372	0.753485	-1.277	0.883704	1.02652	1.02652	-1.04899	0.896123	-1.11592	0.974152	0.994202	-1.00577	0.109097	1.27459	1.27459	0.753504	0.383565	0.450123	1
cg01048187	RAB35;RAB35	0.6606587	0.827399	1.12978	1.12978	0.7649	0.845696	-1.18246	0.240056	1.98857	1.98857	0.473084	1.50349	1.50349	0.77544	1.17331	1.17331	0.29356	0.543976	-1.83832	0.551372	1.40044	1.40044	0.840176	1.11945	1.11945	0.138158	2.44025	2.44025	0.753497	3.72661	4.39623	1
cg23933793	CCDC123;CCDC123;C19orf40	0.6606638	0.324835	1.28235	1.28235	0.345514	1.34415	1.34415	0.775388	0.932046	-1.07291	0.667246	1.1116	1.1116	0.466884	0.841284	-1.18866	0.453094	1.20559	1.20559	0.366196	0.776895	-1.25486	0.705858	1.0972	1.0972	0.258389	1.33576	1.33576	0.753423	0.71404	0.842425	1
cg13518327	THRB;THRB;THRB	0.6606645	0.5890373	0.994544	-1.00549	0.536436	1.39999	1.39999	0.324015	1.50218	1.50218	0.732254	1.14706	1.14706	0.625342	1.21726	1.21726	0.993164	1.00343	1.00343	0.613043	0.815676	-1.22598	0.98884	1.0056	1.0056	0.922545	1.03972	1.03972	0.753413	1.90444	2.24689	1
cg01932930	NDUFB7	0.660665	0.520402	0.746023	-1.34044	0.435318	1.4304	1.4304	0.578224	1.28735	1.28735	0.753052	0.858339	-1.16504	0.356669	0.65289	-1.53165	0.321363	0.630808	-1.58527	0.145789	0.495431	-2.01845	0.761926	1.14642	1.14642	0.502912	0.736567	-1.35765	0.753406	2.41331	2.8473	1
cg16745616	ANGPTL4;ANGPTL4	0.6606656	0.1873807	1.4499	1.4499	0.693805	0.905641	-1.10419	0.946284	0.915372	-1.09245	0.555629	2.20877	2.20877	0.688235	1.60981	1.60981	0.104011	0.0970344	-10.3056	0.194272	0.649438	-1.66287	0.782792	1.43734	1.43734	0.518663	0.422726	-2.36001	0.753534	20.5538	24.2458	1
cg05967596	LEAP2	0.6606664	0.471683	1.24162	1.24162	0.188511	0.662421	-1.50961	0.322151	0.739099	-1.353	0.292877	1.38065	1.38065	0.748681	0.909358	-1.09968	0.720174	1.11219	1.11219	0.589922	1.17449	1.17449	0.482277	0.809691	-1.23504	0.948494	1.0918	1.01928	0.753386	1.04259	1.23011	1
cg09552382	FAM60B	0.6606763	0.6955222	1.1893476	1.1893476	0.824007	1.09858	1.09858	0.844301	1.10219	1.10219	0.833474	1.32208	1.32208	0.222448	1.32047	1.32047	0.657295	0.948472	-1.05466	0.370997	0.659531	1.50531	1.05331	0.955316	1.08571	1.08571	0.955128	0.976506	1.08552	1.08552	0.753528	0.975556	0.820492	1
cg02085701	TOX	0.6606676	0.252889	0.399392	-2.50381	0.154026	0.309488	-3.23115	0.325626	0.458386	-2.18157	0.55381	0.6311	-1.58453	0.384374	0.503854	-1.9847	0.612255	0.675141	-1.48117	0.166546	0.321863	-3.10691	0.487522	0.581525	-1.71962	0.241382	0.389648	-2.56642	0.753368	7.0477	8.31549	1
cg21133964	HMR5	0.6606677	0.456171	1.38535	1.38535	0.495515	0.74287	-1.34613	0.821383	0.907446	-1.10199	0.82431	1.70825	1.70825	0.790113	1.1214	1.1214	0.105615	2.13671	2.13671	0.363842	1.48648	1.48648	0.661093	1.20861	1.20861	0.884337	1.06451	1.06451	0.753363	2.00098	2.59691	1
cg15392413	NAV3	0.6606683	0.344798	1.21129	1.21129	0.354365	0.946521	-1.05789	0.258955	2.24832	2.24832	0.657749	1.13136	1.13136	0.483404	0.964778	-1.03656	0.572186	0.875284	-1.14256	0.234705	0.440505	-2.27012	0.325265	0.49721	-2.01122	0.576203	0.745606	-1.34156	0.753357	5.46066	6.66181	1
cg26894091	NUCKS1;NUCKS1	0.6606698	0.404587	1.13058	1.13058	0.185283	1.22405	1.22405	0.327535	1.15656	1.15656	0.843293	0.971918	-1.02889	0.413211	1.12794	1.12794	0.757643	1.04555	1.04555	0.561101	0.918903	-1.08825	0.792058	1.03876	1.03876	0.14811	1.25016	1.25016	0.753336	0.247103	0.291566	1
cg02296916	XRCC6;XRCC6;XRCC6;TMEM167A	0.660723	0.396778	1.28118	1.28118	0.341558	1.31158	1.31158	0.342605	1.41511	1.41511	0.442405	0.792234	-1.26225	0.768809	1.07026	1.07026	0.913166	1.09091	1.09091	0.0960911	0.749203	1.33423	0.907885	0.974703	1.02607	0.270556	1.07556	1.07556	0.753328	0.800818	1.04007	1.04007	0.753299	0.972009	1.14791	1
cg08887137	DCTN6	0.6607073	0.886726	1.02352	1.02352	0.933544	0.986492	-1.01369	0.42349	0.875194	-1.1426	0.999777	1.0124	1.0124	0.862481	1.25674	1.25674	0.705843	1.06379	-1.06379	0.505564	0.895689	-1.11646	0.639222	0.925893	-1.08004	0.151094	1.28517	1.28517	0.75329	0.317265	0.374376	1
cg25344401	FOXK1	0.6607236	0.357292	0.139538	-2.94517	0.492378	0.451336	-2.21564	0.841276	1.25706	1.25706	0.857806	1.22706	1.22706	0.236566	0.242927	-4.11645	0.970109	0.958148	-1.04368	0.13394	0.158153	-6.32301	0.626429	0.571389	-1.75012	0.192427	0.207197	-4.82632	0.753281	15.5307	18.3266	1
cg16301194	KLHL21	0.6607244	0.118133	0.599027	-1.66931	0.276127	0.703653	-1.42139	0.824221	0.76058	-1.31458	0.364266	1.45151	1.45151	0.424505	0.792234	-1.26225	0.389312	0.81944	-1.22031	0.298483	0.513166	-1.94883	0.761112	1.30366	1.30366	0.116552	1.77556	1.77556	0.753318	0.800818	1.04007	1.04007	0.753299	0.972009	1.14791	1
cg13651207	ASTN2;ASTN2;ASTN2	0.6607248	0.236518	0.147222	-2.41126	0.902738	0.916903	-1.09063	0.165557	0.350125	-2.85612	0.796535	0.832477	-1.20124	0.380222	0.527961	-1.89408	0.353027	0.50552	-1.97816	0.391426	0.536276	-1.86471	0.402027	0.544103	-1.83789	0.439128	1.75058	1.75058	0.753264	6.00742	7.08905	1
cg00606420	VPS51;VPS51	0.6607252	0.344907	1.14999	1.14999	0.347107	1.1364	1.1364	0.401902	1.14988	1.14988	0.616295	0.753544	1.31509	1.07593	0.759372	-1.31705	0.753485	1.00284	1.00284	0.937339	0.952255	1.04985	0.973432	0.952255	1.04985	0.973432	0.952255	1.04985	0.973432

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	
cg03588801	C6orf10	0.862379	0.845391	-1.18288	0.35088	1.525744	-1.90207	0.170395	0.3767105	-2.65883	0.8197727	1.155318	1.15338	0.8202229	0.2775116	-3.63483	0.997304	0.997739	-1.00227	0.992937	0.994089	-1.00595	0.63071	0.722949	-1.58322	0.877216	0.001629	-1.0091	0.752213	5.34426	6.3153	1
cg25004981	LASS3	0.661476	0.369402	2.02341	0.223641	0.458855	1.777771	1.667273	0.615379	-1.39786	0.408794	1.90773	1.90773	2.018018	2.69308	2.69308	0.305888	2.24907	2.24907	0.1143	3.71824	3.71824	0.618734	1.4675	1.4675	0.739975	1.29	1.29	0.752204	6.963558	8.22896	1
cg16857716	C6orf35	0.661481	0.242397	0.271859	-3.67837	0.269009	0.293604	-3.40594	0.371392	0.376411	-2.65668	0.709311	1.48981	1.48981	0.603628	1.7465	1.7465	0.153107	0.194341	-5.1456	0.826217	0.791292	-1.26376	0.874385	0.844993	-1.18344	0.759591	1.38647	1.38647	0.752197	13.5015	15.955	1
cg15423613	KCTD7;KCTD7	0.661494	0.142514	0.43205	-2.31433	0.808015	0.878463	-1.13835	0.962624	1.02526	1.02526	0.433845	1.52681	1.52681	0.302875	1.7649	1.7649	0.322288	1.05331	1.05331	0.452353	0.665407	-1.50284	0.560445	1.36802	1.36802	0.489614	1.45296	1.45296	0.752178	3.37553	3.98904	1
cg07622815	BIN3;BIN3	0.661494	0.256456	0.816718	-1.22441	0.339074	0.844992	-1.18344	0.400984	1.15828	1.1582	0.388241	1.19254	1.19254	1.19252	1.19252	0.777346	0.952697	-1.04965	0.545133	0.90062	-1.11035	0.925416	1.01612	1.01612	0.31384	1.19488	0.752177	0.348043	0.411302	1
cg21032628	IGF8IP5	0.661501	0.435554	0.745495	-1.34219	0.374659	0.714318	-1.39994	0.787831	1.04972	1.04972	0.447406	0.699627	-1.42933	0.354672	0.703936	1.422127	0.272173	0.655737	-1.525	0.113771	0.536232	-1.86486	0.262243	0.684475	-1.5397	0.726428	0.878368	-1.13847	0.752168	1.62383	1.91889	1
cg04655139	PIGA;PIGA	0.661507	?	?	?	0.734991	0.564213	-1.77238	0.908687	0.824252	-1.21322	0.316678	5.71893	5.71893	0.175007	11.3577	11.3577	0.229546	0.119572	-8.36314	0.8451	0.719279	-1.39028	0.851703	0.7296	-1.37061	0.82972	0.695723	-1.43735	0.737523	29.4635	39.9493	1
cg01699430	CUX2	0.661519	0.682187	0.909833	-1.10234	0.700125	0.912171	-1.09629	0.916854	0.900745	-1.1102	0.60703	0.884061	-1.13114	0.793848	0.939689	-1.06418	0.989871	1.30119	1.30119	0.969355	1.3693	1.3693	0.36345	0.758122	-1.31905	0.422267	0.82307	-1.21496	0.752156	0.672151	0.794316	1
cg19780635	C14orf50	0.661514	0.245556	0.819707	-1.22088	0.356601	0.855727	-1.1686	0.276346	0.830222	-1.2045	0.588966	1.05978	1.23007	0.831061	-1.22992	0.210223	0.804956	-1.24215	0.443326	2.25564	1.10926	1.10926	0.902303	0.980323	-1.02038	0.958747	0.991536	-1.00854	0.752149	0.321657	0.380134	1
cg00580077	NUDCD1;ENY2	0.661517	0.507553	0.916525	-1.09108	0.0872787	1.27734	1.27734	0.33571	1.13736	1.13736	0.768744	0.962495	-1.03897	0.870223	0.979024	-1.02143	0.629134	0.938854	-1.06513	0.80425	1.03272	1.03272	0.685352	0.948557	-1.05423	0.681706	0.947936	-1.05492	0.752144	0.200253	0.23666	1
cg03156910	TFAP4	0.661541	0.426339	1.25065	-1.25065	0.4738	0.716554	1.24207	0.814367	1.03689	1.03689	0.196357	1.16526	1.16526	1.16526	1.16526	0.535104	0.854749	-1.16993	0.413154	0.811313	1.23257	1.23257	0.752109	0.744046	0.87936	1	1	0.752109	0.744046	0.87936	1
cg18801505	SNAP47	0.661554	0.473807	0.591609	1.69169	0.243355	0.27897	1.76955	0.450414	1.33556	1.33556	0.422178	1.68726	1.68726	0.340666	0.534463	-1.87104	0.251603	0.147222	2.14722	0.251854	0.14628	2.14628	0.526609	0.50582	1.60582	0.605527	1.39431	1.39431	0.752091	0.844869	0.57063	1
cg02495215	RCL9L	0.661564	0.450503	0.583289	-1.72328	0.627219	0.369413	-2.70699	0.809242	0.849102	-1.17771	0.904397	0.921868	-1.08475	0.942004	1.06121	1.06121	0.158438	0.32268	-3.09892	0.501112	0.495107	0.501112	-1.99557	0.377712	-2.64752	0.892326	1.1798	1.1798	0.538613	1.52362	1.91262	0.70276	0.44894	6.43994	1
ch.14.5692188	SAV1	0.661583	0.0755184	0.13076	-7.64762	0.525637	0.603163	-1.65793	0.641253	1.60746	1.60746	0.388791	0.402363	-2.47977	0.66134	0.505555	1.57343	0.993643	0.924491	1.08168	0.593191	0.578713	-1.72797	0.759293	0.72905	-1.37165	0.214155	0.26059	-3.83744	0.752048	12.5929	14.8843	1
cg03578662	HPCAL4	0.661611	0.634356	1.13633	1.13633	0.175549	1.46555	0.108495	1.59522	0.882283	1.040312	1.040312	0.672569	1.12007	1.12007	0.706934	0.904159	-1.106	0.524439	1.90826	0.491256	2.03591	2.03591	0.148295	-1.18775	0.987003	1.00415	1.00415	0.503533	1.9851	0.752148	0.700754	0.802402	1.00169	1
cg12568161	ZBTB22;ZBTB22	0.661619	0.977398	1.0083	1.00829	0.914755	1.044999	-1.18357	0.257705	1.31686	1.31686	0.356222	1.29504	1.29504	0.393765	0.799644	-1.25056	0.278136	1.1489	1.1489	0.193476	0.979939	-1.02047	0.288536	1.30663	1.30663	0.609354	1.13327	1.13327	0.752196	0.901774	0.829524	1
cg21681834	UBXN4	0.661622	0.676189	0.886199	-1.12841	0.733544	1.10327	1.10327	0.100587	1.67754	1.67754	0.754218	1.09454	1.09454	0.990767	0.996677	-1.00333	0.418114	0.788219	-1.26868	0.278502	1.38278	1.38278	0.577724	0.850649	-1.17557	0.851804	1.05526	1.05526	0.751992	0.985248	1.16461	1
cg01189606	PLXNB1;PLXNB1	0.661641	0.282752	0.317576	-3.14885	0.894362	0.872378	-1.14629	0.988714	1.01464	1.01464	0.919567	0.901404	-1.10938	0.079631	0.135406	-7.38516	0.468774	0.46883	-2.13297	0.310035	0.339752	-2.94932	0.362042	0.381813	-2.61909	0.391487	0.405644	-2.46521	0.751963	12.578	14.8684	1
cg00302587	NCOA4;NCOA4;NCOA4;NCOA4;NCOA4	0.661643	0.76185	0.902108	-1.10852	0.927776	0.969738	-1.03121	0.635897	0.850739	-1.17545	0.847492	0.936824	-1.06744	0.484679	0.786085	-1.27213	0.985852	0.994008	-1.00603	0.880384	1.92974	1.92974	0.249527	1.44509	1.44509	0.953245	1.02007	1.02007	0.751961	1.3682	1.61734	1
cg01198208	AFF1	0.661658	0.767481	0.904747	-1.10537	0.953733	0.960603	-1.04122	0.382628	0.844982	-1.18346	0.408414	0.852934	-1.17242	0.75841	1.05975	1.05975	0.829115	1.0415	1.0415	0.077905	1.4459	1.4459	0.79378	0.952708	1.04954	0.776794	1.05493	1.05493	0.751939	0.421488	0.493253	1
cg25645693	MPP1;MPP1;MPP1	0.661666	0.248906	0.251888	-3.97002	0.625001	0.548194	-1.82417	0.40794	0.339706	-2.63362	0.207115	0.458141	0.953935	0.936049	-1.06832	0.205844	0.217243	-4.60315	0.833128	2.12782	1.27262	0.981246	0.997346	-1.00266	0.983035	1.02462	1.02462	0.751936	15.5864	18.4252	1
cg01559036	C1orf57	0.661675	?	?	?	0.464997	2.26304	2.26304	0.327428	2.26304	2.26304	0.327428	0.440308	2.15486	0.27007	?	?	0.268839	0.915264	-1.09253	0.661351	0.734461	1.36135	1.36135	0.394327	0.90562	1.10426	0.561261	0.782306	1.28201	0.752065	0.24011	0.284205	1
cg04602284	NCRNA00115;LOC643837	0.661669	0.498522	0.823498	-1.21433	0.321093	1.33608	1.33608	0.901249	1.03571	1.03571	0.193015	1.47601	1.47601	0.752725	0.914546	-1.09344	0.20377	1.46097	1.46097	0.854539	0.949454	-1.05324	0.554939	1.18386	1.18386	0.538416	0.838575	-1.1925	0.751924	0.951283	1.12456	1
cg04311606	ZNF136	0.661674	0.165384	0.704533	-1.41938	0.427221	1.21152	1.21152	0.696163	1.09734	1.09734	0.689119	0.909205	-1.09986	0.357828	1.24604	1.24604	0.411952	1.21965	1.21965	0.352653	0.799413	-1.25406	0.989227	0.996809	-1.0032	0.769068	1.07217	1.07217	0.751916	0.667197	0.788737	1
cg23350889	FBXL1	0.661675	0.255339	0.87097	-1.14838	0.96158	0.986202	-1.01399	0.099824	0.593468	-1.68501	0.163346	1.091	1.091	0.883414	0.950005	1.052	1.052	0.887435	0.90064	-1.11063	1.15963	1.15963	0.453459	1.2464	1.2464	0.584059	0.852605	-1.17288	0.75914	0.990658	1.17112	1
cg17643662	MYLK2	0.661689	0.305511	0.566998	-1.76367	0.405823	0.634577	-1.57585	0.901699	0.936056	-1.06831	0.539377	0.717271	-1.39417	0.161823	0.449841	-2.22301	0.400571	0.631194	1.5843	0.329282	0.583671	-1.71329	0.128711	0.055459	-2.40639	0.956902	1.02932	1.02932	0.751894	3.40552	4.026	1
cg05994819	C5orf59	0.661707	0.41457	0.241182	-4.14624	0.760884	0.19472	1.64472	0.937184	1.24638	1.24638	0.139681	15.1521	15.1521	0.504728	3.17181	3.17181	0.244024	0.125245	-7.98443	0.523189	0.332272	-3.00959	0.747127	0.851894	-1.17436	0.022477	0.840709	-1.18956	0.751894	34.0288	40.9382	1
cg12909444	TGA13;COPG2	0.661691	0.315788	3.6642	1.3642	0.94596	0.120375	1.0205	0.333249	0.741661	-1.34831	0.453183	1.2571	1.2571	0.403919	1.29141	1.29141	0.761209	0.912777	-1.09556	0.196008	1.50593	1.50593	0.59159	0.841908	-1.18778	0.47977	1.23999	1.23999	0.751891	1.06766	1.26219	1
cg13977434	EFNB1	0.661692	0.150394	0.366187	-2.73085	0.273484	0.475837	-2.10156	0.831918	0.870653	-1.14856	0.707753	1.27816	1.27816	0.364819	0.545068	-1.83463	1.207659	0.420688	-2.37706	0.825836	0.866217	-1.15445	0.794972	1.18497	1.18497	0.693231	1.29483	1.29483	0.75189	5.05751	5.97902	1
cg06078999	DNM1L;DNM1L;DNM1L	0.661696	0.575211	0.831548	-1.20261	0.727855	0.806063	-1.1599	0.32779	1.30823	1.30823	0.184492	1.10071	1.10071	0.748648	0.908571	-1.10071	1.108673	0.764843	1.30771	0.137595	1.310127	1.310127	0.763191	0.836361	-1.1579	0.961555	0.986256	-1.01392	0.470841	1.27004	1.27004	0.751884	1.26493	1.49502	1
cg08252303	KCNMA1;KCNMA1;KCNMA1;KCNMA1	0.661702	0.485875	1.32301	1.32301	0.928693	0.965238	-1.03601	0.451635	0.738496	-1.3541	0.924724	1.03806	1.03806	0.754435	0.884277	-1.13087	0.154118	1.82773	1.82773	0.13077	1.90746	0.941685	1.08226	0.784945	1.11419	1.11419	0.751875	1.86068	2.19975	1
cg18207090	MAD1L1;MAD1L1;MAD1L1	0.661703	0.924472	0.95496	-1.04701	0.973307	0.943272	-1.06035	0.772126	1.14201	1.14201	0.373117	0.852352	-1.17325	0.440308	0.709316	-1.41012	0.687254	0.679334	1.47211	0.29543	0.705343	1.41806	0.478198	1.36296	1.36296	0.877783	1.08832	1.08832	0.751923	0.213645	0.252465	1
cg16404074	CHRNB4	0.661734	0.489866	0.63034	-1.58644	0.642542	0.737247	-1.3564	0.470221	0.616726	-1.62147	0.338053	0.52217	-1.91509	0.596553	0.703638	-1.42118	0.684521	1.30833	1.30833	0.268028	2.1363	2.1363	?	?	?	0.235254	0.441114	-2.26699	0.737187	0.49236	6.09392	1
cg08108619	ZNF711	0.661743	0.167364	0.814886	-1.22717	0.828875	0.691598	-1.44593	0.909348	0.823629	-1.21414	0.18961	10.6649	10.6649	0.985626	1.03116	1.03116	0.211958	0.106471	-9.39224	0.830508	0.694082	-1.44075	0.884409	1.03341	1.03341	0.872822	0.761165	-1.31377	0.751816	34.5552	40.8553	1
cg13480738	PIKC2	0.661756	0.422187	0.79	-1.26582	0.40826	0.916158	-1.09222	0.396999	0.898624	-1.11332	0.477767	0.752	0.752	0.898413	0.950195	-1.0526	0.419343	0.536224	-1.86489	0.157624	0.2874	-3.47947	0.777196	0.774402	-1.29107	0.320122	-3.12186	0.56319	0.654507	-1.52797	0.751796	7.24102	8.56145	1
cg02676688	TRMT61B	0.661775	0.694857	0.908566	-1.10064	0.938135	1.23785	1.23785	0.775803	1.07192	1.07192	0.870443	0.961077	-1.0405	0.367075	0.798225	-1.25278	0.205416	0.722576	-1.38394	0.924751	0.977284	-1.02324	0.562874	1.1528	1.1528	0.216191	1.37239	1.37239	0.751769	0.704357	0.83283	1
cg01407748	DAB2IP	0.661781	0.123864	0.44564	-2.24483	0.318134	0.71009	-1.21309	0.207264	0.99624	1.24624	0.244624	0.24624	0.24624	0.24624	0.24624	-4.06139	0.183919	0.394494	-2.53579	0.82739	0.82739	-1.20862	0.716784	0.85775	-1.16642	0.317972	0.75866	1.75866	0.359926	1.63148	0.541761	0.751791	3.80725	4.61982	1
cg02296583	C1orf96	0.661785	0.276715	0.21756	2.01756	0.628171	1.3536	1.3536	0.283314	0.500786	-1.99686	0.629524	1.35196	1.35196	0.473745	1.57149	1.57149	0.312674	0.523138	-1.91154	0.89472	0.921142	-1.08561	0.329675	0.535749	-1.86655	0.74443	0.816329	1.225	1.751754	1.58256	5.41851	1
cg04409869	SKIV2L;SKIV2L;RDBP;KCNIP2;KCNIP2;KCNIP2;KCNIP2;KCNIP2	0.661786	0.889781	0.979474	-1.02096	0.152115	1.261	1.261	0.577245	0.91911	-1.08801	0.873354	1.02415	1.02415	0.169318	1.24749	1.24749	0.626999	1.07608	1.07608	0.801924	0.963094	-1.03832	0.716264	1.05615	1.05615	0.283007	1.18317	1.18317	0.753116	0.261181	0.269734	1
cg19221545	KCNIP2	0.661788	0.843824	1.05726	1.05726	0.192641	1.47592	1.47592	0.154923	1.00761	1.00761	0.457256	0.807572	-1.23828	0.449298	1.24317	1.24317	0.86947	1.04753	1.04753	0.854061	1.05184	1.05184	0.141943	0.64033	-1.5617	0.772235	1.08539	1.08539	0.751875	0.948052	1.12207	1
cg16167673	STARD8;STARD8	0.661797	0.305435	1.44	1.44	0.355514	0.643804	-1.2129	0.915931	1.10758	1.10758	0.422707	0.702737	-1.42335	0.155099	1.83789	1.83789	0.119756	0.309594	-3.22999	0.864805	0.547239	-1.82572	0.42808	0.562404	-1.77807	0.916124	1.07782	1.07782	0.751858	0.624747	7.12361	1
cg02066529	PCDH1;PCDH1	0.661801	0.258811	0.668973	-1.49483	0.499268	1.26369	1.26369	0.540019	1.23576	1.23576	0.916827	0.964983	-1.03629	0.522659	0.801656	-1.24742	0.930631	0.970728	-1.03015	0.261775	0.670785	-1.49079	0.15357	0.593702	-1.68435	0.951097	0.979289	-1.02115	0.751732	1.38623	1.63915	1
cg22715531	LGR4	0.661821	0.358503	0.514731	-1.9376	0.879633	0.913851	1.20383	0.73508	0.656536	-1.52315	0.505043	0.456903	-2.18908	0.141307	0.148062	-6.75392	0.309205	0.275674	-3.6264	0.624989	0.955014	-1.10807	0.814777	0.957565	-1.04452	0.743989	0.907902	-1.10147	0.751905	-0.24779	0.874703	0.21089	1
cg00766277	OTUD4;OTUD4;OTUD4	0.661834	0.801099	0.840477	-1.24284	0.434946	1.38923	1.38923	0.440408	1.31663	1.31663	0.407679	1.41771	1.41771	0.533545	0.766825	1.30408	0.54529	1.2865	1.2865	0.315273	1.27755	1.27755	0.807688	1.53079	1.53079	0.158289	0.532105	1.87933	0.751883	0.202199	0.21907	1
cg17761990	SFMBT1;SFMBT1;SFMBT1	0.661841	0.494905	1.2365	1.2365	0.725421	1.11406	1.11406	0.725864	0.897783	-1.11385	0.125787	0.602043	-1.66101	0.56373	1.19575	1.19575	0.400189	0.768141	-1.30184	0.300437	1.38911	1.38911	0.991228	0.996638	-1.00337	0.90876	1.03574	1.03574	0.751673	1.11692	1.3208	1
cg06562020	CPEB3	0.661843	0.305342	1.21834	1.21834	0.477351	1.15795	1.15795	0.625616	1.16487	1.16487	0.139617	1.24133	1.24133	0.15647	1.56945	1.56945	0.722005	1.16873	1.16873	0.411077	1.16965	1.16965	0.574451	1.11302	1.11302	0.420061	0.857891	-1.16565	0.751617	0.64213	0.487366	1
cg19318180	ZNF85	0.661859	0.45398	1.24885	1.24885	0.222568	1.45256	1.45256	0.616596	1.15887	1.15887	0.957453	1.01566	1.01566	0.866678	0.952227	1.05017	0.809002	1.07652	1.07652	0.61427	1.11958	1.11958	0.059107	2.86056	2.86056	0.664415	1.13561	1.13561	0.751647	0.10042	1.19402	1
cg08039848	PIGM	0.661868	0.538074	0.892038	-1.12103	0.957395	1.05896	1.05896	0.974488	0.994152	-1.00588	0.459812	1.14787	1.14787	0.473605	0.874933	-1.14289	0.818702	1.04297	1.04297	0.107984	0.724678	-1.37992	0.787904	0.951807	-1.05063	0.508148	1.21325	1.21325	0.751634	0.899756	0.427255	1
cg26840028	EPDR;EPDR	0.661878	0.139117	-3.39618	-7.52412	0.252884	0.498884	-2.00447	0.845248	1.12278	1.12278	0.173191	0.427391	-2.34087	0.570432	0.751123	-1.33141	0.786697	0.99054	-1.00955	0.411134	0.639508	-1.5637	0.305886	0.539397	-1.85393	0.643946	0.76261	-1.31129	0.75162	0.43614	0.477325	1
cg03586240	MAD1L1;MAD1L1;MAD1L1	0.661883	0.11233	0.454374	-2.20083	0.4483	1.42278	1.42278	0.52718	0.746512	-1.33956	0.552513	0.76018	-1.31548	0.631807	0.802278	-1.24645	0.76466	0.871974	-1.14682	0.49608	1.37076	1.37076	0.65232	1.22992	1.22992	0.393699	0.671215	-1.48984	0.751612	2.47857	2.93127	1
cg12190057	RBL2	0.661887	0.779414	0.881477	-1.13475	0.955952	0.954245	-1.04772	0.626457	0.975762	1.02448	0.477459	0.968568	-1.03257	0.990771	0.843	-1.18586	0.844854	0.910967	-1.09971	0.843	-1.18586	0.13229	0.83709	0.357068	-2.79966	0.911468	-1.09713	0.885509	1.02999	1.02999	0.751592	0.52084	0.592288	1
cg03438079	TRAF7;SNORD60	0.661903	0.775281	0.942822	-1.06065	0.857914	0.973384	-1.02734	0.806492	1.05178	1.05178	0.34226	0.817678	-1.22298	0.557573	1.12976	1.12976	0.878319	1.03202	1.03202	0.530878	0.877584	-1.13949	0.090351	1.46866	1.46866	0.504304	1.14957	1.14957	0.751583	0.5037	0.59572	1
cg09426937	ST3GAL2	0.661916	0.618209	1.18457	1.18457	0.190453	0.626628	-1.55584	0.838694	0.933595	-1.07113	0.148698	0.593242	-1.68565	0.524812	1.24266	1.24266	0.639594	1.17233	1.17233	0.610806	1.18889	1.18889	0.447644	1.16663	1.16663	0.888305	0.953648	-1.0486	0.751564	1.35274	1.59991	1
cg01085551	KIAA1199	0.661922	0.615719	0.40903	1.40903	0.75997	0.812505	-1.23076	0.725111	0.787247	-1.27025	0.915899	1.0742	1.0742	0.674604	0.751183	1.33123	0.664971	0.245542	-4.07262	0.888554	1.09666	1.09666	0.304535	0.434928	-2.29923	0.800221	0.910671	1.09809	0.751555	0.94668	0.646325	1
cg25218793	RGS12;RGS12;RGS12	0.661936	0.696534	0.814058	-1.22841	0.821992	1.12556	1.12556	0.352532	0.605226	-1.65228	0.85169	0.906431	-1.10323	0.6682949	0.342518	-2.91956	0.566375	1.35559	1.35559	0.881873	0.92492	-1.08117	0.651376	1.26967	1.26967	0.557186	0.732253	-1.36565	0.751536	3.27915	3.8787	1
cg21576598	LRRC41;UQCR	0.661947	0.947268	1.04722	1.04722	0.910833	1.14666	1.14666	0.376555	1.03015	1.03015	0.376555	0.655124	1.14666	0.376555	0.655124	1.14666	0.737583	1.75358	1.75358	0.126067	0.652031	1.75242	-1.57635	-5.70639	0.68388	0.141116	0.834126	0.838264	-1.19294	0.67827	7.3426	9.06455	1
cg00319545	ASTN1;ASTN1	0.661948	0.717615	0.942298	-1.06124	0.74958	1.0538	1.0538	0.4623	1.13064	1.13064	1.13064	?	?	?	0.728385	1.05871	1.05871	?	?	?	0.117164	0.75432	-1.3257	0.732959	1.05764	1.05764	0.686718	1.06861	1.06861	0.720389	0.232343	0.322525	1
cg23028693	CDADC1	0.661949	0.549724	0.90412	-1.10617	0.945353	1.08453	1.08453	0.55588	1.05588	1.05588	0.215543	0.811227	-1.2327	0.818168	0.952355	1.05048	0.779301	0.99235	1.00079	1.00079	0.976493	1.02414	-1.26099	0.365877	0.855615	1.16752	0.734233	1.16423	1.16423	0.751516	0.982382	0.832243	1
cg11084020	TAX1BP1;TAX1BP1	0.661951	0.758643	0.95199	-1.05043	0.513368	1.11162	1.11162	0.22206	1.22737	1.22737	0.729511	0.946094	-1.05698	0.181916	1.25382	1.25382	0.299442	1.18729	1.18729	0.9022	1.01982	1.01982	0.318288	1.179	1.179	0.292307	1.19056	1.19056	0.751514	0.303336	0.358785	1
cg14608199	PHLDA2	0.661975	0.98	0.986773	-1.0134	0.499299	1.4395	1.4395	0.776221	0.85952	-1.16344	0.139739	2.3259	2.3259	0.322279	0.580929	-1.72138	0.914859	0.642279	-1.55696	0.527442	0.711698	-1.40509	0.915187	1.05822	1.05822	0.493488	1.44687	1.44687	0.751478	0.35829	0.37237	1
cg04305571	LYNX1;YNX1;LYNX1;LYNX1	0.661986	0.190027	0.774414	-1.29107	0.216662	2.34275	1.43705	0.209062	0.22349	-4.47321	0.236576	1.23579	1.23579	0.499005	-1.56742	0.290002	0.644178	0.474321	-2.10756	0.422237	-2.42579	0.550146	0.479063	1.46575	0.753306	0.813454	-1.22931	0.751463	1.10387	0.63726	1
cg18470689	PLEKHJ1;SF3A2	0.662001	0.538269	1.11358	1.11358	0.251899	1.22955	1.22955	0.39535	1.16217	1.16217	0.15788	1.29783	1.29783	0.355326	1.1784	1.1784	0.267596	1.22065	1.22065	0.821886	0.961819	-1.0397	0.361443	1.22408	1.22408	0.896602	0.977803	-1.0227	0.751427	0.354739	0.419632	1
cg25625233	MYSM1	0.662016	0.874484	1.04104	1.04104	0.96674	0.448514	1.29292	1.37119	0.521584	1.60749	-1.9706	0.223234	1.68717	0.68717	0.85509	-1.16918	0.770561	1.10755	1.10755	0.366702	1.34074	1.34074	0.172333	1.17233	1.17233	0.610806	0.835648	1.29078	1.29078	0.751455

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg18158385	CNN3,CNN3	0.66268	0.844719	1.07526	1.15726	1.732596	1.29104	0.681452	1.35991	1.359911	0.358666	0.525392	1.00334	0.765039	1.25013	1.25013	0.102302	1.264017	-3.78763	0.808151	1.43864	1.19864	0.359372	2.01764	2.01764	0.525682	1.61441	1.61441	0.750454	6.59378	7.81012	
cg07050032	CCDC40,TBC1D16	0.66268	0.469106	0.751248	-1.33112	0.876999	1.06058	1.06058	0.864341	0.935751	-1.06866	0.992675	0.996441	-1.00357	0.428527	0.730473	-1.36898	0.481056	1.32065	1.320655	0.589764	1.23538	1.23538	0.195186	1.79368	1.79368	0.210801	1.66867	1.66867	0.750453	1.79235	2.12298	1
cg11021305	PXT1,XCTD2,PXT1	0.662685	0.276766	1.82059	1.82059	0.44235	1.514221	1.514221	0.769075	0.855619	-1.16874	0.0962797	0.380113	-2.6308	0.690722	1.23593	1.23593	0.872194	1.08901	1.08901	0.91924	1.05519	1.05519	0.628301	1.29484	1.29484	0.948779	0.966545	-1.03461	0.750446	3.3343	3.94942	1
cg20189506	ATF3,ATF3,ATF3	0.662721	0.147065	0.241558	-4.1398	0.457295	0.501027	-1.9912	0.28923	0.866275	-2.73939	0.186379	0.27833	-3.59286	0.223678	0.3112248	-3.21286	0.325137	0.395488	-2.52826	0.621201	0.634598	-1.5758	0.363988	0.426585	-2.34365	0.78161	0.775908	1.288861	0.750394	9.90628	11.7346	1
cg07965326	ARID1B,ARID1B,ARID1B	0.662723	0.95349	0.980393	-1.02	0.29293	1.44834	1.44834	0.329977	1.406777	1.40677	0.915529	0.96462	-1.03668	0.343161	0.717811	-1.39312	0.898844	1.04412	1.04412	0.124393	1.75918	1.75918	0.901609	1.04288	1.04288	0.51667	1.2501	1.2501	0.750391	1.36983	1.62265	1
cg25703057	BAZ1B	0.662725	0.632101	1.09868	1.09868	0.60172	1.10589	1.10589	0.12857	1.38883	1.36883	0.607113	1.10421	1.10421	0.367837	1.1934	1.1934	0.082623	1.44394	1.44394	0.924098	1.01823	1.01823	0.71773	1.07185	1.07185	0.638247	1.09473	1.09473	0.750389	0.434167	0.514301	1
cg07655965	TMEM214,TMEM214	0.662742	0.703038	1.1105	1.1105	0.948612	1.01779	1.01779	0.893643	1.03728	1.03728	0.107506	0.618361	-1.61718	0.61577	0.870693	-1.14851	0.683785	1.11858	1.11858	0.49663	1.20789	1.20789	0.908793	0.969126	-1.03186	0.23366	1.40732	1.40732	0.750364	0.889912	1.0542	1
cg00353411	REEP6,PCSK4	0.662754	0.661706	0.296062	-3.37767	0.325879	0.556136	-1.79812	0.908973	1.106839	0.714223	1.23705	1.230705	0.490854	0.667128	-1.49896		0.719288	1.23215	1.23215	0.927598	0.948788	-1.05398	0.692598	0.79477	-1.25823	0.963991	0.974225	-1.02646	0.750347	3.97595	4.71006	1
cg13709765	TGIF1,TGIF1,TGIF1,TGIF1,TGIF1,TGIF1;TGIF1;TGIF2;TGIF1;TGIF2	0.662759	0.42209	0.774481	-1.29119	0.435374	1.28148	1.28148	0.227182	1.48454	1.48454	0.413388	0.770591	-1.2977	0.814835	1.07585	1.07585	0.941895	1.02298	1.02298	0.781963	1.09031	1.09031	0.186411	0.646279	-1.54732	0.909887	0.965331	-1.03591	0.750339	1.15414	1.36725	1
cg23476955	AP1M1,AP1M1	0.662783	0.591525	1.07795	1.09716	0.743257	1.22012	1.22012	0.276018	1.21404	1.21404	0.378971	1.16707	-1.03934	0.898787	1.02092	1.02092	0.794115	0.95622	-1.04578	0.977559	0.883222	-1.13222	0.878592	0.882231	-1.25609	0.699728	0.935815	-1.06859	0.750304	0.348166	0.414274	1
cg27092191	ZNF267	0.662792	0.260672	4.60141	4.60141	0.767746	0.949081	-1.05083	0.144837	1.055365	1.134296	0.872428	0.629594	0.531375	-1.88191	0.382343	0.311724	-3.20796	0.398408	0.730945	-1.36809	0.420753	2.91584	2.91584	0.752091	20.1152	23.831	1
cg25021051	TENC1,TENC1,TENC1	0.662799	0.13509	0.426451	-2.34493	0.688121	1.00817	1.00817	0.356919	0.521535	0.91144	0.822171	1.13438	1.13438	0.440484	0.643634	-1.55368	0.913679	1.06263	1.06263	0.285709	0.537379	-1.86088	0.259905	0.51775	-1.93143	0.694279	1.24255	1.24255	0.75038	3.72806	4.41629	1
cg00940786	ARSG,SLC16A6	0.662804	?	?	?	0.352619	1.89621	1.89621	0.292884	0.48193	-2.07499	0.418801	1.75786	1.75786	?	?	?	0.846403	1.13853	1.13853	?	?	?	?	?	0.905523	0.923644	-1.02637	0.661818	2.60594	6.30007	1
cg23790326	CHAC1,CHAC1	0.662806	0.14914	2.14228	2.14228	0.87734	0.926755	-1.07903	0.95071	1.03091	0.733917	1.19128	1.19128	0.722065	0.838704	-1.19232		0.837959	0.90407	-1.10611	?	?	?	0.353729	0.625054	-1.59986	0.244428	1.8216	1.8216	0.735603	2.51179	3.4146	1
cg20437781	SHISH9L,SHISH9L,HMGN5	0.662821	0.06938001	0.476506	-2.08548	0.106927	0.589031	-1.6977	0.821367	0.921348	0.521348	1.58503	1.382308	0.61917	0.801674	0.954851	-1.09307	0.925319	1.0345	1.0345	0.847016	1.07238	1.07238	0.958995	1.01878	1.01878	0.927572	1.03344	1.03344	0.750264	1.55556	1.84297	1
cg14922545	DDX23	0.662815	0.595737	0.830734	-1.20375	0.967491	1.01421	1.01421	0.779821	1.10193	1.10193	0.431615	1.32046	1.32046	0.095309	0.530191	-1.88611	0.79829	0.915126	-1.09275	0.216192	0.637151	-1.56949	0.666236	0.86046	-1.16237	0.772876	0.904634	-1.10542	0.750257	1.42528	1.68864	1
cg04976746	SLC30A1	0.662815	0.741552	1.1794	1.1794	0.316769	0.594898	-1.68056	0.183268	0.492346	-2.03109	0.532503	1.38549	1.38549	?	?	?	0.112853	0.592223	-1.68855	0.65511	0.798026	-1.25309	0.532823	1.38402	1.38402	0.836408	0.901442	-1.10993	0.750189	2.60793	3.54522	1
cg06597545	PCBP3,PCBP3	0.662828	0.205073	1.64332	1.64332	0.237391	1.61949	1.61949	0.766946	1.415504	0.626117	1.2001	1.2001	0.414346	0.733456	-1.36341		0.67376	0.854445	-1.17035	0.846551	1.07463	1.07463	0.420487	1.35704	1.35704	0.803376	0.911487	-1.09711	0.75255	1.63991	1.94294	1
cg10046127	MUDENG,MUDENG,MUDENG,EXOC5	0.662822	0.277265	2.93329	2.93329	0.102743	5.47504	5.47504	0.347975	2.50995	2.50995	0.608503	1.6356	1.6356	0.184723	2.33672	2.33672	0.333952	2.58328	2.58328	?	?	?	0.559261	1.04985	1.04985	0.829493	1.228	1.228	0.73558	9.39227	12.7685	1
cg21162344	PRK2	0.662823	0.47153	0.55295	-1.81028	0.297649	0.38424	-2.60254	0.814765	1.24167	1.23127	0.288642	0.883276	-1.13195	0.253589	0.847254	-1.2756	0.342697	0.420617	-2.37746	0.267322	0.359251	-2.78357	0.164524	0.388293	-3.72033	0.718649	1.37782	1.37782	0.750245	9.32547	11.0488	1
cg18781889	KLHL33	0.662827	0.493219	0.800529	-1.24917	0.985209	0.99403	-1.00594	0.936051	0.97467	-1.02599	0.725187	0.893291	-1.11946	0.368903	0.74449	-1.3432	0.492425	0.800191	-1.2497	0.143633	1.65267	1.65267	0.527545	0.814931	-1.2271	0.35147	1.35878	1.35878	0.750204	1.21462	1.43909	1
cg16182707	ALDH1L2,ALDH1L2	0.662853	0.627451	0.889016	-1.12511	0.580251	1.86076	1.86076	0.112857	0.328893	0.732705	1.60706	1.307557	-1.30615	0.901901	1.02755	1.02755	0.975315	0.962433	-1.03922	0.100327	1.44593	1.44593	0.479201	0.976301	-1.02385	0.91588	1.07017	1.07017	0.750202	0.870585	0.6402671	1
cg21833841	TRANK1	0.662855	0.402776	0.471219	-2.12216	0.527343	1.75553	1.75553	0.823195	1.21733	1.21733	0.671049	0.687004	-1.45559	0.193109	0.298114	3.35442	0.319048	0.404574	-2.47173	0.174451	0.280994	-3.5588	0.692772	1.41759	1.41759	0.91419	0.909628	-1.09935	0.750199	9.17514	10.8714	1
cg05140259	DUSP18,DUSP18	0.662858	0.436943	1.31962	1.31962	0.151274	1.71224	1.71224	0.254631	1.51587	1.51587	0.533575	1.24672	1.24672	0.923481	1.08127	1.08127	0.294579	0.683736	-1.46255	0.565133	1.22527	1.22527	0.649031	1.1738	1.1738	0.465921	1.29629	1.29629	0.750196	1.45326	1.72194	1
cg21152690	LIN7A,LIN7A	0.662891	?	?	?	0.349727	2.39822	2.39822	0.15602	2.03208	2.03208	0.20094	1.23076	1.23076	0.956608	1.02994	1.02994	0.144083	1.68971	1.44083	0.144083	1.13997	1.13997	0.209409	2.84044	2.84044	0.2025	1.3919	1.3919	0.735477	0.8317	0.6402	1
cg13385568	B3GAT1,B3GAT1	0.662892	0.496459	1.474	1.474	0.277561	1.88605	1.88605	0.90185	0.933025	-1.07178	0.691399	1.25131	1.25131	0.579779	1.36925	1.36925	0.143246	2.42028	2.42028	0.354123	1.70858	1.70858	0.402865	1.61771	1.61771	0.134441	2.47652	2.47652	0.750146	3.75088	4.44462	1
cg26455516	PCSF1,QPRHP1,PCSF1;QPRHP1;PCEF1;PCEF1	0.662892	0.470173	1.13152	1.13152	0.377557	1.10562	1.10562	0.470384	1.05128	1.05128	0.265362	1.32804	1.32804	?	?	?	0.357904	1.17071	1.17071	0.358256	1.39622	1.39622	0.074866	1.14783	1.14783	0.647005	1.50521	1.50521	0.750146	3.80061	4.63055	1
cg11256186	HIVEP3,HIVEP3	0.662899	0.844443	0.926408	-1.07944	0.708447	1.15739	1.15739	0.638542	1.20214	1.20214	0.48721	0.759826	-1.31609	0.755746	0.885662	1.2191	0.330577	1.47795	1.47795	0.078355	2.14024	2.14024	0.561833	1.25638	1.25638	0.985081	0.932073	0.932073	0.750135	1.79881	2.13154	1
cg01491360	TMPPS59	0.6629	0.894183	1.02859	1.02859	0.560456	0.882773	-1.13279	0.380091	1.21011	1.21011	0.602086	1.11787	1.11787	0.142045	0.715805	-1.39703	0.892644	1.02896	1.02896	0.513025	1.15087	1.15087	0.796179	0.94665	-1.05636	0.269578	0.783863	-1.27573	0.750133	0.53601	0.631603	1
cg21899902	TBC1D08,TBC1D08	0.662921	0.754546	1.319409	1.319409	0.96901	1.00887	1.00887	0.776518	1.07463	1.07463	0.164785	1.57465	1.57465	0.917535	1.02385	1.02385	0.042669	?	?	?	0.997472	1.00194	1.00194	0.257744	1.44358	1.44358	0.526373	1.24464	1.24464	0.973876	1.07881	1.07881	0.750124	0.48911	0.526373	1
cg26358945	TCEA1,TCEA1;TCEA1,TCEA1	0.662937	0.512486	1.39624	1.39624	0.804151	0.882805	-1.13275	0.186178	0.494479	-2.02233	0.49826	0.707891	-1.41265	0.815201	1.12484	1.12484	0.748542	1.1754	1.1754	0.210469	0.515271	-1.94073	0.368708	1.59028	1.59028	0.627998	1.78242	-1.27807	0.750081	2.99941	3.55448	1
cg05185794	PTPN4,PTPN4	0.662938	0.147309	1.49702	1.49702	0.203008	0.918551	-1.08855	0.664681	0.949952	0.802747	1.05265	1.027323	0.845307	0.803284	0.885102	-1.12975	0.562114	0.815451	-1.22711	0.186618	1.49306	1.49306	0.247053	0.885124	-1.12967	0.709378	1.01456	1.01456	0.750078	0.574874	0.6155	1
cg15335334	RECQL5,LOC100130933	0.662942	0.88026	1.13078	1.13078	0.921018	0.922317	-1.08423	0.600748	0.650152	-1.5381	0.434081	1.9171	1.9171	0.563405	0.621074	-1.61011	0.584121	1.56944	1.56944	0.240972	2.72071	2.72071	0.124722	3.87761	3.87761	0.396671	2.02932	2.02932	0.750074	7.89805	9.35974	1
cg16327338	ABLIM1,ABLIM1;ABLIM1;ABLIM1	0.662995	0.661827	2.03367	2.03367	0.742732	1.11758	1.11758	0.315118	1.4199	1.4199	0.607305	1.1912	1.1912	0.777812	0.908938	-1.10119	0.491807	1.26574	1.26574	0.452447	1.2949	1.2949	0.814516	0.923745	-1.08255	0.602574	1.194	1.194	0.750061	1.35322	1.60362	1
cg05117785	CPEB3,MARCH5	0.662952	0.559237	1.19883	1.19883	0.477307	1.2448	1.2448	0.553631	1.10922	1.10922	0.881102	1.07444	1.07444	0.822644	0.880907	-1.13557	0.877071	1.07954	1.07954	0.688102	1.16177	1.16177	0.771913	1.26548	1.26548	0.374474	1.15685	0.688827	1.07417	1.07417	0.750058	0.355523	0.421328	1
cg04160663	S1PR2	0.662958	0.747914	1.38365	1.38365	0.34664	0.37339	-2.67816	0.57054	0.560578	-1.78387	?	?	?	0.864377	1.18769	1.18769	?	?	?	0.68327	1.51196	1.51196	0.496711	2.0095	2.0095	0.176748	4.37891	4.37891	0.721519	8.56311	10.1727	1
cg00759707	ATP2A2,ATP2A2;ATP2A2	0.662966	0.458224	1.17222	1.17222	0.104583	0.97231	-1.78339	0.743026	0.898592	-1.11285	0.888879	0.995465	-1.00456	0.788173	0.915924	-1.09179	0.78898	0.916241	-1.09142	0.233166	1.5004	1.5004	0.167175	0.850653	-1.1675	0.144823	0.774309	0.750037	2.3624	2.49709	1
cg19285552	ATG16L2	0.662971	0.595271	0.892295	-1.12071	0.396849	1.20251	1.20251	0.241026	1.29807	1.29807	0.998689	1.00035	1.00035	0.864574	1.03635	1.03635	0.227721	1.76408	1.76408	0.13884	2.16158	2.16158	1.31834	1.31834	0.850765	1.04085	1.04085	0.750073	0.534668	0.636025	1
cg16537028	CRSPLD2	0.662972	0.806833	0.943175	-1.06025	0.650294	1.11515	1.11515	0.715153	0.916192	-1.09147	0.433214	0.826144	-1.21044	0.0912879	0.641384	-1.55913	0.378059	0.805748	-1.24108	0.742541	0.924298	-1.0819	0.444358	0.830098	-1.20468	0.451635	1.20098	1.20098	0.750029	0.677452	0.802875	1
cg26578516	RFX4,RFX4,RFX4	0.662988	0.276538	1.89222	1.89222	0.104583	0.97231	-1.78339	0.743026	0.898592	-1.11285	0.888879	0.995465	-1.00456	0.788173	0.915924	-1.09179	0.233417	1.39095	1.39095	0.319407	1.76161	1.76161	0.144952	2.21189	2.21189	0.750037	2.3624	2.49709	1
cg06820859	LATS2	0.662991	0.698431	0.908715	-1.10045	0.22495	1.36803	1.36803	0.726683	1.09011	1.09011	0.126545	1.50135	1.50135	0.683772	1.10593	1.10593	0.413348	2.12828	2.12828	0.279394	1.33191	1.33191	0.685157	0.903521	-1.10678	0.498571	1.18402	1.18402	0.750052	0.738054	0.851025	1
cg23475963	CALU,CALU	0.663004	0.544533	1.41265	1.41265	0.406022	1.24251	1.24251	0.135706	1.36706	1.36706	0.640813	1.1055	1.1055	0.776205	0.914172	-1.09383	0.731585	1.07967	1.07967	0.714437	1.0483	1.0483	0.683747	1.15281	1.15281	0.449054	1.16505	1.16505	0.224415	1.28125	1.6082	1
cg18817801	HHATL,HHATL	0.663007	0.78092	0.880566	-1.13563	0.097658	2.29111	2.29111	0.589295	1.28228	1.28228	0.681838	0.828578	-1.20689	0.761981	0.870594	-1.14864	0.990174	0.994938	-1.00563	0.520435	0.742903	-1.34607	0.247806	1.73533	1.73533	0.665847	1.21922	1.21922	0.749978	2.47196	2.92982	1
cg04209526	ITM2C,ITM2C,ITM2C	0.663014	0.878363	0.881122	-1.61924	0.927257	1.01463	1.01463	0.697099	1.04989	1.04989	0.321653	0.880373	-1.13574	0.416627	0.885	-1.12983	0.743389	0.822379	-1.21613	0.352995	1.10105	1.10105	0.455788	1.104	1.104	0.4206	1.10782	1.10782	0.749969	0.618398	0.718008	1
cg00671623	IGF1R	0.663027	0.756446	0.803419	-1.24512	0.553734	1.09432	1.09432	0.264629	0.564654	-1.771	0.463091	0.591277	-1.69125	0.358371	0.750843	-1.33184	0.329466	0.492603	-2.03003	0.603877	0.231166	4.329	0.576521	0.730803	-1.36836	0.258775	0.436512	-2.29089	0.749949	3.87898	4.36815	1
cg02070685	NECAB2	0.663064	0.8552	0.816583	-1.22462	0.825591	0.782845	-1.27739	0.590396	1.82854	1.82854	0.56805	0.527556	-1.89553	?	?	?	0.794648	1.3356	1.3356	0.0747519	0.106588	-9.38194	0.811157	0.76679	-1.30414	0.648705	1.66395	1.66395	0.736761	12.489	14.8323	1
cg02885794	CDH24,CDH24	0.663067	0.71546	1.398499	1.398499	0.96901	1.00887	1.00887	0.776518	1.07463	1.07463	0.164785	1.57465	1.57465	0.917535	1.02385	1.02385	0.042669	?	?	?	0.997472	1.00194	1.00194	0.257744	1.44358	1.44358	0.526373	1.24464	1.24464	0.973876	1.07881	1.07881	0.750097	0.48911	0.526373	1
cg21254083	PVRL1,PVRL1;PVRL1	0.663072	0.810088	0.890113	-1.12345	0.573313	1.31671	1.31671	0.291568	1.69744	1.69744	0.605063	0.77707	-1.28689	0.866987	1.08442	1.08442	0.880258	0.92971	-1.0756	0.822985	0.897331	-1.11442	0.740694	1.17418	1.17418	0.068318	1.68266	2.62666	0.749884	2.77628	3.29091	1
cg16144922	DACH2,DACH2	0.663083	0.143769	0.242963	-4.11536	0.939614	0.914459	-1.07063	0.542172	1.7433	1.7433	0.45849	1.97242	1.97242	0.96636	1.03872	1.03872	0.144988	0.2416	-4.09567	0.094464	0.842862	-1.18643	0.972218	1.03187	1.03187	0.981129	1.020038	1.020038	0.749869	9.61617	11.4226	1
cg02758236	FU3	0.663089	0.898232	0.935143	-1.07345	0.113534	0.407842	-2.45193	0.998265	0.999175	-1.00083	0.805954	0.892494	0.854082	0.903001	-1.10742	-1.00054	0.394717	0.616865	-1.6211	0.0493483	0.354105	-2.82401	0.59703	0.746821	-1.34405	0.913876	1.06179	1.06179	0.749864	1.64767	4.32397	1
cg07464933	C7orf47	0.663097	0.237472	0.807981	-1.23765	0.30183	1.20237	1.20237	0.144837	1.14222	1.14222	0.988343	1.00252	1.00252	0.82054	1.03992	1.03992	0.745585	1.05769	1.05769	0.334648	0.80246	-1.247	0.574706	0.90094	-1.10261	0.335784	1.18649	1.18649	0.749848	0.352515	0.417188	1
cg13078358	SMAP1,SMAP1;SMAP1;SMAP1	0.6631	0.161481	0.615146	1.6244	0.133831	0.675979	1.64885	0.402867	0.675677	1.51982	0.887073	1.05825	1.05825	0.847261	1.03947	1.03947	0.608641	1.814022	1.22847	0.143858	0.934892	-1.86054	0.866153	1.06952	1.06952	0.796048	0.902365	1.0182	1.0182	0.749844	0.355523	0.421328	1
cg12235539	LMNB2	0.663106	0.765321	1.03063	1.03063	0.537099	1.065	1.065	0.262415	1.12496	1.12496	0.956937	0.994573	-1.00546	0.894727	0.986748	-1.01343	0.674793	1.04344	1.04344	0.838285	1.02081	1.02081	0.380787	0.913391	-1.09482	0.089498	1.20725	1.20725	0.749836	0.120593	0.142956	1
cg12139198	MYH7,MYH7B	0.663127	0.413607	0.85407	-1.17096	0.731021	1.07071	1.07071	0.747001	0.96291	1.06291	0.915349	1.02024	1.02024	0.350096	0.834181	-1.19878	1.3843	1.18312	1.18312	0.237092	1.263	1.263	0.790989	0.955139	-1.05137	0.249014	0.79682	-1.25499	0.748811	0.421975	0.500244	1
cg08806986	TTC25,TTC25	0.663128	0.643535	0.932884	-1.07194	0.331244	0.861177	-1.1612	0.47477	1.11445	1.11445	0.22491	1.19668	1.19668	0.904373	0.853474	1.17168	0.703832	0.85859	-1.16502	0.279843	0.845788	-1.18239	0.779911	1.02317	1.02317	0.921091	1.01467	1.01467	0.749802	0.26394	0.3129	1
cg06962421	WNT4	0.663128	0.213854	0.645784	-1.5485	0.606576	0.840672	-1.18952	0.862362	0.943672	-1.05969	0.643	0.855601	-1.16877	0.258055	0.674146	-1.48336	0.313867	0.706093	-1.41624	0.339844	1.38912	1.38912	0.512904	1.24821	1.24821	0.582622	0.830741	-1.20375	0.749802	1.32561	1.57151	1
cg06589502	MADA	0.663133	?	?	?	0.259513	0.737435	-1.35605	0.496827	0.995354	-1.00467	0.810062	0.852491	0.52941	1.88763	1.88763	1.88763	0.20483	1.02874	1.02874	0.961547	0.905554	-1.11483	0.845192	0.795358	-1.2573	0.863003	1.22414	1.22414	0.735123	1.94707	2.16308	1
cg12648931	C5orf33;C5orf33	0.663134	0.485183	0.675839	-1.47964	0.352171	1.69704	1.69704	0.429509	1.56126	1.56126	0.146529	0.424851	-2.35377	0.315875	0.563923	-1.77329	0.841918	1.11662	1.11662	0.633732	0.766471	-1.30468	0.844968	1.11421	1.11421	0.883077	0.921924	-1.08469	0.749794	3.62363	4.29585	1
cg20896338	STK25	0.663138	0.673433	1.4958	1.4958	0.860171	1.10547	1.10547	0.15647	1.32667	1.32667	0.144408	0.777264	-1.28656	0.819753	0.933391	-1.07136	0.523274	0.82524	-1.21577	0.58176	0.828415	-1.20712	0.110126	1.692	1.692	0.808862	0.929442	-1.07569	0.749788	1.82317	2.28412	1
cg21787835	CASZ1,CASZ1	0.663145	0.325133	0.710227	-1.408	0.378683	1.35548	1.35548	0.92981	0.970767	-1.03011	0.145943	0.591147	-1.69163	0.625755	1.18001	1.18001	0.414245	0.754978	-1.32454	0.516241	1.24814	1.24814	0.614676	0.842872	-1.18642	0.983111	0.992981	-1.00707	0.749778	1.34672	1.59658	1
cg06096336	PSMD1;HTR2B;HTR2B	0.663161	0.694798	0.826911	-1.20932	0.162684	0.487555	-2.05105	0.210644	0.529532	-1.88846	0.787239	0.877752	-1.13927	0.318372	0.608304	-1.64391	0.919812	0.95624	-1.04673	0.390095	0.515603	1.56103	0.356275	0.632969	-1.57986	0.972604	1.01669	1.01669	0.749748	2.75861	3.27057	1
cg11295183	DIP2C	0.663171	0.724955	1.30146	1.30146	0.8144	0.833871	1.09373	0.722228	0.54568	1.09373	0.722228	0.54568	1.09373	0.722228	0.54568	1.09373	0.813445	1.23548	1.23548	0.313095	1.2941	1.2941	0.942821	1.0603	1.0603	0.912794	0.914386	-1.09363	0.7494	2.75828	3.3369	1
cg10703101	AMACL3;ZBTB4	0.663197	0.627713	0.884356	-1.13077	0.921898	0.97564	-1.02497	0.312108	1.30078	1.30078	0.230158	1.37246	1.37246	0.756435	0.92474	-1.08138	0.89147	1.03493	1.03493	0.554665	0.860466	-1.16216	0.128536	1.51154	1.51154	0.856968	1.04642	1.04642	0.749702	0.75092	0.890333	1
cg02038807	SDC3	0.663205	0.793941	1.11803	1.11803	0.853024	0.98413	1.01613	0.966753	0.970365	-1.03054	0.368234	0.788884	1.38884	1.38884	1.38884	1.38884	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(527T 537 vs. N)	Fold-Change(527T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T 637 vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ap2657807	PQLC2;PQLC2;PQLC2	0.663803	0.560374	0.633277	-1.58409	0.194215	2.92426	2.92426	0.42457	1.87708	1.87708	0.911559	0.916854	-1.09069	0.402729	0.512205	-1.95234	0.403569	0.512845	-1.94991	0.332107	0.457612	-2.18526	0.580406	1.54686	1.54686	0.782901	0.805901	1.24085	0.748623	7.23901	8.59308	1
ap2855393	STAU2;STAU2;STAU2;STAU2	0.663807	0.5671	1.1677	1.1677	0.186869	1.45491	1.45491	0.357238	0.775892	-1.28884	0.748773	1.08993	1.08993	0.981947	1.00365	1.00365	0.440933	1.23442	1.23442	0.852986	1.05097	1.05097	0.193378	1.44606	1.44606	0.305443	1.32895	1.32895	0.748516	0.851743	1.01107	1
ap2113067	FERMT3;FERMT3	0.663821	0.499852	0.657049	-1.52196	0.965835	0.974076	-1.02661	0.12593	2.76057	2.76057	0.252258	0.480283	-2.0821	0.853089	1.12039	1.12039	0.783422	0.844544	-1.18407	0.668435	1.30241	1.30241	0.39566	1.70478	1.70478	0.768449	1.19846	1.19846	0.748796	4.5496	5.29395	1
ap2633529	DCAF10	0.670544	1.601	1.601	0.981917	1.02531	1.02531	0.75601	1.43017	1.43017	0.372909	1.24121	2.7421	?	?	?	?	0.390451	2.63899	2.63899	?	?	?	0.212803	0.235285	-4.25016	?	?	0.691983	8.88468	17.1193	1
ap2158117|9	KCNI6	0.663832	0.28699	1.42251	1.42251	0.945815	0.978568	-1.0219	0.859419	0.945052	-1.05814	0.503741	1.24145	1.24145	0.404575	1.13238	1.13238	0.166654	0.624978	-1.60006	0.631556	1.16597	1.16597	0.967254	0.987	-1.01317	0.295935	1.41265	1.41265	0.788781	1.20496	1.43042	1
ap2110612	NRG2;NRG2;NRG2;NRG2	0.66384	0.350043	0.588765	-1.69847	0.854758	0.902201	-1.1084	0.27628	0.529352	-1.8891	0.599492	0.74257	-1.34667	0.227818	0.49112	-2.03655	0.070144	0.328347	-3.04556	0.531682	0.705578	-1.42739	0.512979	0.688891	-1.45161	0.681876	0.79334	-1.26049	0.748769	3.74152	4.44168	1
ap2730409	PIA2	0.663844	0.683044	1.16385	1.16385	0.681126	1.16499	1.16499	0.567133	1.23837	1.23837	0.71179	1.14701	1.14701	0.952965	0.978435	-1.02204	0.255939	0.645123	-1.55009	0.209436	1.6306	1.6306	0.410655	1.36474	1.36474	0.187969	1.67477	1.67477	0.748763	1.62	1.92317	1
ap2093916	ASAP2;ASAP2	0.663886	0.390971	1.60238	1.60238	0.620512	2.08147	2.08147	0.266465	2.04323	2.04323	0.463147	1.49271	1.49271	0.515265	1.42785	1.42785	0.199937	2.14411	2.14411	0.194898	1.79087	1.79087	0.41277	1.56702	1.56702	0.898472	1.07087	1.07087	0.748739	3.4121	4.05078	1
ap1371194	CCNA1;CCNA1	0.663889	0.243515	0.47965	-2.08481	0.870308	0.867817	-1.14973	0.344745	1.04261	1.04261	0.466144	0.59813	-1.67188	0.153538	0.396473	-2.52224	0.591494	0.721681	-1.38565	0.209497	0.450969	-2.21745	0.197111	0.440009	-2.27268	0.83768	0.88382	-1.13145	0.748696	4.29821	5.10305	1
ap2589750|4	JAGN1	0.663895	0.325964	0.803919	-1.24391	0.428328	0.840284	-1.19007	0.185276	0.73911	-1.35298	0.539497	1.14303	1.14303	0.709603	0.922656	-1.08383	0.594073	1.12273	1.12273	0.821418	1.04986	1.04986	0.267941	0.7801	-1.28189	0.594276	1.12265	1.12265	0.748689	0.549138	0.65197	1
ap2094267	ZNF423	0.663901	0.19546	0.6828	1.46431	0.556139	0.603947	1.65607	0.864302	1.157	0.593024	1.68581	0.170603	1.70923	0.100365	0.585049	-1.70902	0.935629	0.977741	-1.02272	0.963102	1.1574	1.1574	0.970314	1.00942	-1.02692	0.748429	1.26996	1.26996	0.748648	0.920818	1.09326	1
ap1439671	TSEN54	0.663905	0.352458	0.842879	-1.18641	0.356562	1.18459	1.18459	0.206709	1.26859	1.26859	0.902024	0.978239	-1.02225	0.862185	1.03153	1.03153	0.267727	1.22906	1.22906	0.504749	1.12853	1.12853	0.484151	0.88072	-1.13544	0.819828	0.960064	1.0416	0.748575	0.37841	0.44928	1
ap1864|183	P4HA2;P4HA2;P4HA2;P4HA2;P4HA2	0.663905	0.782397	1.13455	1.13455	0.867642	0.928746	-1.07572	0.252085	0.588469	-1.69933	0.256839	0.591857	-1.68896	0.304165	0.629985	-1.61626	0.544887	1.54665	?	0.563774	1.29516	1.29516	0.469255	0.721584	-1.38584	0.733979	2.02951	2.76508	1
ap2540175	FAM73A	0.663913	0.826988	1.03106	1.03106	0.598045	0.928358	-1.07717	0.59629	0.92802	-1.07756	0.386632	1.13202	1.13202	0.7614	1.04347	1.04347	0.069215	0.752731	-1.3285	0.864588	0.976433	-1.02414	0.968964	1.00545	1.00545	0.551827	0.919329	-1.08775	0.748662	0.23149	0.27484	1
ap2204021	METAP2	0.663915	0.782659	0.956561	-1.04541	0.836617	1.37523	1.35723	0.60946	1.08627	1.08627	0.282017	1.19668	1.19668	0.89891	1.02062	1.02062	0.833154	1.03446	1.03446	0.631601	0.925348	-1.08067	0.965948	1.16088	1.16088	0.750894	0.950135	-1.05248	0.748664	0.305834	0.363119	1
ap1666344	NR2F1;NR2F1	0.663917	0.575376	0.91565	-1.09211	0.672627	0.970233	-1.03095	0.28295	0.488385	0.98034	1.02042	0.42005	0.692229	0.08937	0.590342	-1.69455	0.457844	0.688048	-1.45351	0.683876	1.13242	1.13242	0.826301	1.21021	0.571858	0.95488	-1.05303	0.635062	1.07729	1.07729	0.748658	0.287474	0.343121	1
ap1774864|5	KCNK17;KCNK17	0.663922	0.330816	0.702943	-1.42259	0.257862	1.51399	1.51399	0.187174	0.611961	-1.63409	0.685405	0.866701	-1.1538	0.800955	0.915084	1.0928	0.417506	1.33782	1.33782	0.889446	1.05007	1.05007	0.878192	0.947551	-1.05535	0.45993	1.767751	-1.30251	0.74865	1.46307	1.73713	1
ap1150474|0	GPR152	0.663924	0.389645	0.561456	-1.78108	0.96327	0.970298	-1.03061	0.60002	1.44043	1.41403	0.91723	0.934199	-1.07044	0.176184	0.390006	-2.56406	0.27281	0.473633	-2.11134	0.382777	0.556514	-1.7969	0.214191	0.424736	-2.35441	0.742542	1.2409	1.2409	0.748647	0.58339	0.63565	1
ap0742168|2	PCSK6;PCSK6	0.663925	0.660401	1.32092	1.32092	0.0465025	4.20117	4.20117	0.699211	1.27688	1.27688	0.881815	1.09818	1.09818	0.867473	0.900202	-1.11086	0.626109	1.36219	1.36219	0.640876	0.743976	-1.34413	0.579442	1.42249	1.42249	0.570896	1.43411	1.43411	0.748646	4.69883	5.57906	1
ap0240182	ODF1	0.663932	0.340514	0.80347	-1.24479	0.103774	2.17404	2.17404	0.158348	0.611648	0.794175	-1.25917	0.888332	0.960188	1.03795	1.03795	0.839242	-1.21555	0.644299	1.10912	1.10912	0.98909	1.00282	1.00282	0.74426	0.929687	-1.07563	0.166038	0.719631	-1.3896	0.748635	0.588334	0.698556	1
ap2329476|0	TFDP1;TFDP1 ENTPD1;ENTPD1;ENTPD1;ENTPD1;ENT	0.663934	0.498581	2.04014	2.04014	0.620288	1.67926	1.67926	0.533831	1.92321	1.92321	0.737276	0.705085	-1.41827	0.310359	0.336396	-2.97269	0.217493	2.06231	-1.84421	0.398973	0.408108	-2.45033	0.709875	0.678513	-1.47381	0.257899	0.293663	-3.40527	0.748632	12.7719	15.1648	1
ap2705987	PD1;ENTPD1;ENTPD1	0.663949	0.907556	1.11815	1.11815	0.382865	2.36392	2.36392	0.126662	4.89591	4.89591	0.40186	2.28156	2.28156	0.237248	3.28839	3.28839	0.421847	2.20081	2.20081	0.687284	0.677705	-1.47557	0.726322	1.40192	1.40192	0.587565	0.590685	-1.69295	0.748611	10.9584	13.0119	1
ap0328607	PIR5L	0.66395	0.913849	1.04134	1.04134	0.492572	0.70138	-1.29806	0.597778	0.81511	-1.23288	0.530273	1.26867	1.26867	0.201528	0.606045	-1.51367	0.706081	1.1235	1.1235	0.195729	0.656692	-1.53278	0.50787	1.22913	1.22913	0.411524	1.29445	1.29445	0.748498	1.11983	1.32987	1
ap0548294	GRID1	0.663952	0.998705	1.00059	1.00059	0.976303	0.974939	-1.02585	0.664373	1.19299	-1.20037	0.788043	0.810276	-1.22538	0.379005	0.452922	-2.20881	0.924534	0.927651	-1.07799	0.68409	0.784108	-1.38101	0.660804	0.704682	-1.41908	0.853772	0.865699	-1.15514	0.748485	0.74811	0.84526	1
ap1039470	ZCCHC2	0.663959	0.726022	1.06496	1.06496	0.718742	0.937347	-1.06684	0.126372	1.34426	1.34426	0.902106	0.978226	-1.02226	0.876032	0.972457	-1.02832	0.722869	1.06578	1.06578	0.236662	1.24835	1.24835	0.256892	1.23578	1.23578	0.57828	0.904418	-1.10568	0.74848	0.379412	0.450587	1
ap2042053	TOMM5;TOMM5;TOMM5	0.663966	0.189735	0.780466	1.28107	0.968972	0.954741	-1.1319	0.813766	0.850947	-1.0439	0.711704	1.68772	1.68772	0.127211	0.692414	-1.44433	0.680657	1.07737	1.07737	0.163408	0.983885	1.10251	0.872307	0.779326	1.17926	0.155004	1.18664	1.18664	0.748425	0.456564	0.54255	1
ap1738706|0	PTPRN2;PTPRN2;PTPRN2	0.664077	0.43913	1.31165	1.31165	0.416835	1.33014	1.33014	0.958934	1.01786	1.01786	0.631246	0.846826	-1.18088	0.498293	1.26662	1.26662	0.768494	1.10681	1.10681	0.061993	2.05956	2.05956	0.486132	1.27545	1.27545	0.934097	0.974202	-1.02648	0.748425	2.40106	1.66401	1
ap0353648	PMCH	0.664078	0.607798	0.825754	-1.21101	0.259068	0.64695	-1.54571	0.443075	0.748834	-1.33541	0.489549	0.775609	-1.28931	0.23382	1.58668	1.58668	0.601514	0.822936	-1.21516	0.17068	1.14775	1.14775	0.456864	0.755599	-1.32345	0.276834	0.658148	-1.51941	0.748423	1.62144	1.92576	1
ap0481621	LOC344967;NAIP2	0.664083	0.632514	0.799	1.25125	0.73905	1.33795	1.33795	0.598729	0.79276	-1.26117	0.584144	0.998298	1.00627	0.376613	1.31353	1.31353	0.105656	1.23806	1.23806	0.443615	0.990982	-1.00194	0.757836	0.963326	-1.03807	0.934224	0.01002	1.38405	0.748623	0.173002	0.205477	1
ap2145365	MSL3;MSL3;MSL3	0.664093	0.332473	0.247458	-4.0411	0.714156	0.598186	-1.67172	0.655075	0.533625	-1.87397	0.195028	0.784015	0.78403	0.784303	0.606312	2.60705	2.60705	0.177836	0.153323	-7.38971	0.657139	1.86637	0.962961	1.06702	1.06702	0.983024	0.970717	-1.03017	0.748642	21.1264	27.4677	1
ap0957903	VPS41;VPS41	0.664095	0.556328	0.824127	1.21314	0.7159	1.71159	1.71159	0.713896	0.800553	1.23601	0.829566	0.722522	1.37922	0.127922	1.29556	1.29556	0.464684	1.2744	1.2744	0.442975	0.60858	-1.64317	0.273307	0.621844	-1.60844	0.761698	0.571475	-1.74988	0.748633	0.75781	0.93827	1
ap0725478	TMBIM4	0.664126	0.221605	0.796437	-1.25559	0.542752	0.11533	1.11533	0.413864	1.1595	1.1595	0.488833	0.882873	-1.13267	0.932935	0.9852	-1.01502	0.701483	0.934041	-1.07062	0.645229	0.92115	-1.0856	0.924756	1.01688	1.01688	0.173863	1.29216	1.29216	0.748354	0.372006	0.441866	1
ap0404093	ECE1;ECE1	0.664151	0.49671	1.53782	1.53782	0.325104	2.31623	2.31623	0.116869	2.40862	2.40862	?	?	?	?	0.78327	1.25598	0.452868	0.514476	-1.88155	0.910414	1.0975	1.0975	0.793637	0.70001	1.04449	0.809666	0.892535	-1.1204	0.733163	7.0373	9.6194	1
ap2581974	FAM83F	0.664218	0.665519	1.35797	1.35797	0.46494	1.68845	1.68845	0.243086	0.532372	1.58135	0.489707	0.608486	-1.64242	0.100074	0.282386	2.45156	0.938297	1.05597	1.05597	0.474507	0.69292	-1.56792	0.657625	1.36853	1.36853	0.723115	0.778629	1.28453	0.748351	0.86385	0.95605	1
ap0645491	KIF21A	0.664149	0.807637	0.900002	-1.11111	0.209296	0.564633	-1.77106	0.772407	1.13344	1.13344	0.271256	1.64	1.64	0.467081	0.726421	-1.37661	0.394013	0.685852	-1.45804	0.849623	0.921288	-1.08544	0.456402	0.720638	-1.38766	0.397193	1.45418	1.45418	0.748321	2.21097	2.62629	1
ap1584158	PCCA;PCCA	0.664153	0.589381	0.746145	1.34021	0.502349	0.737437	-1.44147	0.860991	0.915779	-1.09197	0.285104	1.350822	-1.81547	0.252213	0.504807	-1.98107	0.189156	0.775975	-1.3102	0.613844	1.31448	1.31448	0.25099	0.524368	1.90706	0.282577	0.548963	-1.82162	0.748307	1.49092	0.66154	1
ap2706272	CMTM8	0.664165	0.646906	1.31959	1.31959	0.402154	1.67482	1.67482	0.150712	2.52525	2.52525	0.945242	1.04218	1.04218	0.278881	0.50806	-1.96827	0.298474	1.91207	1.91207	0.499009	1.50965	1.50965	0.819608	0.885249	-1.12963	0.609676	1.363	1.363	0.748298	4.28719	5.09267	1
ap2709159	BET1	0.664189	0.442482	0.794583	-1.32611	0.780537	0.904282	-1.10592	0.610876	1.19749	1.19749	0.216102	0.625903	-1.59871	0.872597	1.05955	1.05955	0.667699	1.16844	1.16844	0.446042	1.32509	1.32509	0.420174	1.54562	1.54562	0.215868	1.62276	1.62276	0.748263	1.55958	1.82892	1
ap0535025	RBBP8;RBBP8;RBBP8	0.664189	0.640943	0.917333	1.09008	0.368559	0.84392	-1.18499	0.307177	0.821217	-1.2177	0.720058	1.06834	1.06834	0.124396	0.687519	1.45355	0.585752	1.10638	1.10638	0.467203	0.885613	-1.15525	0.75234	1.05988	1.05988	0.164752	1.31293	1.31293	0.748262	0.399915	0.475074	1
ap2754252	RPS27	0.664214	0.222901	1.34974	1.34974	0.59413	0.881665	-1.13422	0.335243	0.792395	-1.262	0.529535	1.16084	1.16084	0.276494	0.767324	-1.30323	0.88458	1.0346	1.0346	0.697321	0.912539	-1.09584	0.307249	0.780749	-1.28082	0.918096	1.02438	1.02438	0.748226	0.649797	0.771956	1
ap0656747	PNRC2	0.664215	0.226385	0.697227	1.43434	0.437	1.31437	1.31437	0.218254	0.774798	-1.2977	0.51458	0.978362	1.02394	0.895488	0.982554	-1.01809	0.259351	1.02529	1.02529	0.140616	0.975645	-1.06209	0.94679	1.09782	1.09782	0.852905	1.29634	1.29634	0.748216	2.15124	2.57329	1
ap0335084	RIMS2	0.664231	0.79286	0.951817	-1.05062	0.603276	1.10338	1.10338	0.513063	1.13255	1.13255	0.402831	0.851593	-1.17427	0.30358	1.22133	1.22133	0.368161	1.1894	1.1894	0.207275	1.28344	1.28344	0.399114	1.17584	1.17584	0.276196	1.23681	1.23681	0.748202	0.417226	0.495679	1
ap0184016	ZNF862	0.664249	0.909125	0.806873	-1.10202	0.168811	1.50736	1.50736	0.10072	1.44938	1.44938	0.904423	0.906385	-1.10353	0.903752	0.901617	-1.10912	0.903056	0.901572	-1.10917	0.257499	0.75013	0.75013	0.191074	0.73585	1.3586	0.182839	1.21071	1.21071	0.748189	0.64901	0.81381	1
ap0100442|4	HLA-DRB6	0.664247	0.805841	0.801699	-1.24735	0.882583	1.14184	1.14184	0.364276	0.433124	-2.30881	0.430985	2.05728	2.05728	0.364442	0.433256	2.3081	0.949519	1.94476	-1.05847	0.527373	1.77574	1.77574	0.150348	0.230972	-4.32953	0.58652	1.63704	1.63704	0.748178	0.54476	11.3399	1
ap0406119|7	SGK3	0.664254	0.192807	0.821517	-1.21726	0.254831	1.18482	1.18482	0.486586	1.1061	1.1061	0.375198	1.13863	1.13863	0.901479	0.982489	-1.01782	0.768493	1.043	1.043	0.356632	0.875508	-1.14481	0.765335	1.03971	1.03971	0.911024	0.984181	-1.01607	0.748168	0.241094	0.286441	1
ap0459427	MMP17	0.664275	0.418002	1.19547	2.05457	0.732923	1.30403	1.30403	0.252126	1.32703	1.32703	0.991921	1.20942	1.20942	0.904978	0.974444	-1.02623	0.902044	1.32282	1.32282	0.149406	0.926582	0.926582	0.044	0.74022	1.18243	0.742427	0.938	1.18243	0.742427	0.938	-1.0661	0.748137	0.556825	0.661583	1
ap0533285|1	MLF1IP	0.664281	0.114289	3.24743	3.24743	0.42779	1.74219	1.74219	0.9642	0.969692	-1.03126	0.614814	1.41612	1.41612	0.402436	1.75729	1.75729	0.607149	1.42705	1.42705	0.493893	0.621024	0.621024	0.847497	0.876324	-1.14113	0.402472	0.555702	-1.79952	0.748128	0.57106	0.61926	1
ap0618287	SLC5A9;SLC5A9	0.664286	0.63563	0.775257	-1.28089	0.187149	0.08891	2.08891	0.917298	1.05625	1.05625	0.355463	0.606034	-1.65007	0.519373	0.708829	1.41078	0.552129	0.70634	-1.41575	0.227332	0.512853	-1.94988	0.424541	0.650703	1.5368	0.596555	0.754664	-1.32509	0.748116	1.28926	3.9082	1
ap2612999	CLCNKA;CLCNKA	0.66429	0.631564	0.775257	-1.28089	0.187149	0.08891	2.08891	0.917298	1.05625	1.05625	0.355463	0.606034	-1.65007	0.519373	0.708829	1.41078	0.552129	0.70634	-1.41575	0.227332	0.512853	-1.94988	0.424541	0.650703	1.5368	0.596555	0.754664	-1.32509	0.748116	1.28926	3.9082	1
ap0479270	PTPRN2;PTPRN2;PTPRN2	0.66429	0.609502	1.43965	1.43965	0.155247	2.85442	2.85442	0.184919	2.63707	2.63707	0.95005	1.04415	1.04415	0.950857	0.958386	-1.04342	0.426598	1.75038	1.75038	0.362504	0.524424	0.524424	0.190685	0.796269	1.25615	0.653521	1.36561	1.36561	0.748115	6.35512	6.69548	1
ap1582016|0	ZNF124	0.664303	0.78101	1.21975	1.21975	0.152552	1.1901	1.1901	0.429542	1.2459	1.2459	0.650283	0.884434	1.13014	0.806941	0.934815	-1.06973	0.726646	1.08188	1.08188	0.093758	0.602084	0.602084	0.160609	0.557457	1.79615	0.299935	0.851031	0.949556	1.05332	0.748066	0.16078	0.208	1
ap2302638	BIRC5;BIRC5;BIRC5 BCAR1;BCAR1;BCAR1;BCAR1;BC	0.664306	0.985983	1.00871	1.00876	0.248786	1.81897	1.81897	0.976044	0.985209	-1.01501	0.913195	0.947323	-1.05561	?	?	?	0.808663	0.886569	-1.12794	0.162328	0.476949	-2.09666	0.451514	0.683392	-1.46329	0.341831	0.65164	-1.62591	0.733388	2.54284	3.46725	1
ap0592358|1	AR1;BCAR1;BCAR1	0.664313	0.639043	1.33638	1.33638	0.780482	0.842414	-1.18706	0.816173	1.15365	1.15365	0.34336	1.82058	1.82058	0.436593	1.62764	1.62764	0.456618	1.59256	1.59256	0.668189	1.303	1.303	0.0563205	3.76781	3.76781	0.490357	1.53731	1.53731	0.748062	4.46363	5.3038	1
ap0621740|6	CADM2;CADM2	0.664327	0.195356	0.738078	-1.35487	0.838692	1.04624	1.04624	0.365317	1.22908	1.22908	0.607308	1.12182	1.12182	0.316354	0.794757	-1.25825	0.45732	0.845479	-1.18276	0.39117	0.822972	-1.21511	0.376286	0.817629	-1.22305	0.994601	1.0015	1.0015	0.748062	0.582601	0.692303	1
ap0135828	SLITRK4	0.664352	0.214756	1.160983	1.160983	0.502349	0.737437	-1.44147	0.860991	0.915779	-1.09197	0.285104	1.350822	-1.81547	0.252213	0.504807	-1.98107	0.189156	0.775975	-1.3102	0.613844	1.31448	1.31448	0.25099	0.524368	1.90706	0.282577	0.548963	-1.82162	0.748307	1.49092	0.66154	1
ap1224642	CACNA2D2;CACNA2D2	0.664331	0.23048	1.58626	1.58626	0.498806	2.28637	2.28637	0.571921	0.811006	-1.23304	0.669344	1.17064	1.17064	0.336715	1.43803	1.43803	0.356175	1.41633	1.41633	0.312729	1.85014	1.85014	0.74071	1.12952	1.12952	0.395349	1.3761	1.3761	0.748057	1.59361	1.89363	1
ap0879601	CARD11	0.664334	0.501456	0.778894	-1.28419	0.191402	0.975951	-1.02464	0.767891	1.0914	1.0914	0.47147	0.826004	1.23252	0.099168	1.21225	1.21225	0.499822	0.823721	1.214	0.524166	1.19943	1.19943	0.494023	0.82149	-1.2173	0.330334	0.7528	1.32887	0.748044	0.96555	1.13492	1
ap1243425|7	MYT1L	0.664362	0.181378	0.385071	-2.59692	0.68914	0.76303	-1.31056	0.952392	0.960637	-1.04098	0.512456	0.639659	-1.56333	0.075721	0.264546	3.77986	0.919599	0.934345	-1.07027	0.401473	0.561254	-1.78173	0.478962	0.616248	-1.62272	0.445971	0.593017	-1.68629	0.748011	3.59043	4.36881	1
ap1637019	CHRDL1;CHRDL1;CHRDL1;CHRDL1	0.664363	0.359555	0.315632	-3.16825	0.705319	0.628095	-1.59212	0.593121	0.516733	-1.91624	0.521681	0.48163	-2.06744	0.252898	2.52898	2.52898	0.204445	0.19412	-5.15146	0.479535	0.414825	-2.41065	0.880117	0.33098	1.03098	0.883686	0.834637	-1.19813	0.748001	0.75728	21.0966	1
ap1857576	PCLO;PCLO	0.664368	0.877158	1.12901	1.12901	0.729283	1.17123	1.17123	0.164908	1.31076	1.31076	0.42542	1.1459	1.1459	0.650283	0.884434	-1.13014	0.809977	1.08252	1.08252	0.09207	1.10852	1.10852	0.650827	1.07358	0.602084	0.602084	0.160609	0.557457	1.79615	0.299935	0.851031	0.949556	1.05332	0.748066	0.16078	0.208	1
ap2852886|7	SLC24A6G	0.664382	0.621079	1.16882	1.16882	0.218111	1.50951	1.50951	0.528275	1.22144	1.22144	0.923193	1.03058	1.03058	0.195296	0.651271	-1.53546	0.971722	0.988964	-1.01116	0.857994	1.05767	1.05767	0.349676	0.739787	-1.35174	0.501555	0.807715	-1.23806	0.747983	1.16111	1.37984	1
ap2736179|1	UXS1;UXS1 FTSJ2;NUDT1;NUDT1;NUDT1;N	0.664384	0.158252	0.705157	0.181417	1.42383	1.50683	1.50683	0.0634095	0.657089	0.102615	0.0723364	0.844433	0.170861	0.0155213	0.87866	-1.13782	0.585234	1.17266	1.17266	0.201493	0.678479	-1.4739	0.618307	0.764247	0.908	-1.10134	0.664206	1.14554	1.14554	0.748781	0.88947	1.12237	1
ap1066209	UDT1;NUDT1;NUDT1	0.664389	0.178894	0.467576	-2.13869	0.44956	0.663517	-1.50712	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	p-value(5	F(Error
cg00681365	LPHN3	0.464953	0.405439	0.609323	-1.66134	0.252811	0.490501	-2.01873	0.991085	1.00669	1.00669	0.573538	1.40151	1.40151	0.194427	0.441021	-2.26746	0.283997	0.513367	-1.94793	0.734676	1.22491	1.22491	0.640672	1.32359	0.448349	0.630776	-1.58535	0.747154	4.2087	5.00708	1
cg17880622	ASXL3	0.664967	0.722596	0.742724	-1.34664	0.442666	0.519441	-1.92515	0.816212	1.21434	1.21434	0.623408	1.51166	1.51166	?	?	?	0.561885	0.612688	-1.63215	0.930783	0.930111	-1.07514	0.7434009	0.185128	-5.40166	0.734128	0.752426	-1.32903	0.73386	7.03341	8.38611	1
cg23060256	C14orf34;C14orf34	0.664969	0.512006	0.706539	-1.41535	0.240384	1.90037	1.90037	0.494743	1.43642	1.43642	0.310226	0.577842	-1.73058	0.341183	0.599105	-1.66916	0.489384	0.692945	-1.44312	0.794339	0.872444	-1.14621	0.338241	0.597118	-1.67471	0.644828	0.784705	-1.27436	0.747131	3.22838	3.84093	1
cg20565914	ADAM6	0.664974	0.286532	0.466028	-2.1458	0.856338	1.13317	1.13317	0.54583	0.65592	-1.52458	0.884668	1.10532	1.10532	0.563772	1.49571	1.49571	0.494634	1.61355	1.61355	0.611203	0.702101	-1.4243	0.255618	0.440997	-2.26762	0.170027	0.364869	-2.74071	0.747123	5.63151	6.70008	1
cg11022432	ALDH1L1	0.664978	0.465491	0.700635	-1.42728	0.485532	0.712161	-1.40418	0.443959	0.687742	-1.45403	0.961365	0.977065	-1.02347	0.712968	0.837796	-1.19361	0.801117	0.886122	-1.12851	0.041283	0.325074	-3.07622	0.610759	0.782021	-1.27874	0.784465	0.876939	-1.14063	0.0197	2.74475	3.2299	1
cg23830205	FOXP1	0.664985	0.647585	1.17925	1.17925	0.504564	0.784596	-1.27454	0.200828	0.622844	-1.60554	0.679666	1.16038	1.16038	0.116153	0.542441	-1.84352	0.746212	0.890394	-1.1231	0.965302	1.01571	1.01571	0.972089	0.987545	-1.01261	0.324533	0.694565	-1.43975	0.747115	1.51852	1.80668	1
cg06492264	TRIM66	0.664988	0.707666	1.20732	1.20732	0.886238	2.58051	2.58051	0.462244	1.45394	1.45394	0.471483	1.44243	1.44243	0.508227	1.1989	1.1989	0.773203	1.15548	1.15548	0.980459	0.987826	-1.01232	0.164261	2.10062	2.10062	0.34216	1.63149	1.63149	0.747103	2.95968	3.52137	1
cg01597255	SMARCC2;SMARCC2;SMARCC2	0.664995	0.748052	1.29927	1.29927	0.269829	2.54319	2.54319	0.511112	1.71845	1.71845	0.318099	2.29123	2.29123	?	?	?	0.144178	3.57629	3.57629	?	?	?	0.513552	1.71294	1.71294	0.800562	0.814135	-1.22283	0.713941	5.80949	9.20907	1
cg04685143	DIP2C	0.664999	0.282422	1.38188	1.38188	0.477922	0.811451	-1.23236	0.865145	0.959791	-1.05045	0.923251	1.43731	1.43731	0.425577	0.790087	-1.26568	0.752455	1.09595	1.09595	0.436466	1.25846	1.25846	0.468882	1.23787	1.23787	0.463753	0.805775	-1.24104	0.747087	0.992177	1.1805	1
cg20267922	SLC35C2;SLC35C2;SLC35C2	0.665	0.592554	0.86368	-1.15784	0.803876	0.934722	-1.06984	0.225619	0.708048	-1.41233	0.853847	0.951201	-1.0513	0.172512	0.674414	-1.48277	0.617251	0.872235	-1.14648	0.149749	0.657715	-1.52042	0.743621	1.09312	1.09312	0.658848	1.12811	1.12811	0.747086	0.870926	1.03623	1
cg08021120	MIUCA;MIUCA;MIUC4	0.665	0.312379	0.66064	-1.51295	0.319725	0.493003	0.857309	-1.16644	0.837642	1.19307	0.553405	0.849622	-1.17655	0.413896	0.722909	-1.38351	0.734707	0.943475	-1.06002	0.263727	0.548598	1.82307	0.556191	1.4452	1.4452	0.583294	1.23983	1.23983	0.747085	1.78156	2.21971	1
cg02261294	HNRNPAB;AGXT2L2;HNRNPAB	0.665002	0.817544	0.91477	-1.09317	0.881022	2.108021	2.108021	0.563088	1.25278	1.25278	0.848041	1.07675	1.07675	0.604556	0.719813	-1.38925	0.822025	1.09073	1.09073	0.950474	0.97634	-1.02423	0.291401	1.52504	1.52504	0.978862	1.01027	1.01027	0.747083	1.75824	2.09197	1
cg12553428	ZFP2	0.665009	0.906764	1.09134	1.02124	0.701987	1.07137	1.07137	0.172386	1.29706	1.29706	0.499865	0.883654	-1.13156	0.997839	0.999515	-1.00049	0.57393	1.13794	1.10794	0.993914	0.994541	-1.00406	0.953289	0.84261	-1.18679	0.219825	0.79347	-1.26029	0.747073	0.938402	0.652613	1
cg04580106	XPO1	0.665011	0.128771	1.79044	1.79044	0.452934	0.762398	1.13165	0.838328	1.07518	1.07518	0.645251	0.848337	-1.17878	0.228148	0.583184	-1.56645	0.906565	1.04254	1.04254	0.491933	1.28102	1.28102	0.839334	0.930505	-1.07469	0.932976	0.970596	-1.03029	0.747071	1.48954	1.7723	1
cg05445008	SAC3D1	0.665013	0.661642	0.755973	-1.3228	0.463806	1.605588	1.605588	0.437273	1.65429	1.65429	0.849303	0.885989	-1.12868	0.078233	0.288736	-2.58857	0.71869	0.794707	-1.25833	0.765581	1.24098	1.24098	0.64472	1.34306	1.34306	0.885387	1.09595	1.09595	0.747043	0.747434	0.58088	1
cg07936323	MATK	0.665022	0.805027	0.923769	-1.08253	0.884241	1.84429	1.84429	0.196209	0.950197	1.09248	0.98203	0.992744	-1.00731	0.709988	1.1283	1.1283	0.680487	1.14899	1.14899	0.965201	1.01419	1.01419	0.684784	0.877537	-1.13955	0.796176	1.08725	1.08725	0.747039	1.23554	1.47014	1
cg03252986	ZNF805;ZNF805	0.665033	0.767407	1.37179	1.37179	0.341568	2.84196	2.84196	0.467513	2.2061	2.2061	0.549596	0.524515	-1.90652	0.272556	0.296074	-3.37754	0.604165	0.572686	-1.74616	0.868406	1.19331	1.19331	0.168773	4.77222	4.77222	0.71728	1.47339	1.47339	0.747038	13.44	15.9921	1
cg16899622	FBXL11	0.665053	0.647232	0.769383	-1.27619	0.366142	1.02272	1.02272	0.385757	1.60104	1.60104	0.786637	1.15443	1.15443	0.498037	0.694816	-1.43923	0.373262	0.616431	-1.62224	0.203384	0.491321	-2.03531	0.224141	0.508683	-1.96586	0.568564	1.35666	1.35666	0.747003	3.31467	3.84426	1
cg03779937	ITGAL;ITGA6	0.665068	0.564413	0.747606	-1.3376	0.360835	1.59022	1.59022	0.959197	0.970147	-1.03077	0.398447	0.690148	-1.53977	0.354996	0.621846	-1.60837	0.605393	0.770885	-1.29721	0.229614	1.87643	1.87643	0.512997	1.39269	1.39269	0.459506	0.686596	-1.45646	0.74087	2.94906	3.50928	1
cg15009525	SLC38A10;SLC38A10	0.665072	0.34302	1.59795	1.59795	0.505693	1.38269	1.38269	0.461719	1.43263	1.43263	0.242676	1.79796	1.79796	0.379027	0.648543	-1.54192	0.606616	1.28847	1.28847	0.167617	2.0253	2.0253	0.985852	1.00854	1.00854	0.419874	1.48504	1.48504	0.746981	2.72365	3.24108	1
cg16457876	CLEC16A	0.665089	0.505703	1.2568	1.2568	0.848075	1.0606	1.0606	0.901975	1.04005	1.04005	0.140445	1.72161	1.72161	0.318884	0.629738	-1.58806	0.748999	1.11468	1.11468	0.481257	1.27161	1.27161	0.439595	1.10559	1.10559	0.872287	1.05592	1.05592	0.746957	1.35315	1.61027	1
cg03253309	GLI2	0.665094	0.141947	0.6295	-1.58856	0.59313	1.17127	1.17127	0.575052	1.18061	1.18061	0.955789	0.983881	-1.01638	0.987142	1.00473	1.00473	0.392508	1.29275	1.29275	0.30461	1.36565	1.36565	0.971243	0.989489	-1.01062	0.41508	0.783341	-1.27658	0.74695	1.20546	1.2096	1
cg17558827	FAM127A	0.665102	0.28655	1.379411	-2.63566	0.379383	0.227325	1.29569	0.29569	0.674362	0.865518	-1.15538	0.474049	0.778331	-1.2848	0.07983	-3.15412	0.730732	1.05798	1.05798	0.127064	1.27064	1.27064	0.127064	1.30058	1.30058	0.555775	1.62607	1.62607	0.747072	0.729196	1.15128	1.15128	0.746937	0.70172	0.884357	1
cg08110693	PXT1 SLC25A36;SLC25A36;SLC25A36;SLC25A	0.665114	0.913709	0.913976	-1.09412	0.763032	0.778077	-1.28522	0.426729	0.509946	-1.96099	0.552331	1.6469	1.6469	0.683307	0.711504	1.40547	0.898493	1.11172	1.11172	0.587494	1.57542	1.57542	0.101386	4.43023	4.43023	0.287918	2.49823	2.49823	0.74692	8.14629	9.69468	1
cg08100565	36	0.665115	0.227645	1.52	1.52	0.920043	1.03175	1.03175	0.847248	0.938229	-1.06584	0.931984	1.02863	1.02863	0.166307	1.30356	1.30356	0.230521	0.659758	-1.51571	0.432138	1.3035	1.3035	0.838582	0.934787	-1.06976	0.322995	1.40146	1.40146	0.74692	1.29309	1.53887	1
cg23680858	PRKACB;PRKACB	0.665147	0.90635	0.962176	-1.03931	0.857222	0.940929	-1.06278	0.43754	1.29624	1.29624	0.729441	0.892475	-1.12048	0.652366	1.16017	1.16017	0.232395	0.663444	-1.50729	0.186654	0.632143	-1.58192	0.890937	1.04597	1.04597	0.296142	1.42607	1.42607	0.746872	1.26973	1.51117	1
cg16045968	CACNA1C;CACNA1I	0.665162	?	?	?	?	0.538734	-1.43873	0.438738	0.253406	-3.94624	0.469026	0.153586	-7.3375	0.126997	0.022889	-15.6201	0.056791	0.910122	-1.09875	0.833467	0.688795	-1.45183	0.704883	0.515166	-1.94112	?	?	0.746928	22.0878	42.5317	1
cg07803814	VGLL4	0.665167	0.531666	0.74091	1.70491	0.656775	0.68618	-1.45734	0.764739	1.28754	1.28754	0.394923	2.08279	2.08279	0.827964	0.832544	-1.20114	0.976502	1.02511	1.02511	0.104349	0.45974	0.45974	0.256152	2.71326	2.71326	0.350494	2.44142	2.44142	0.746844	8.38773	9.98302	1
cg02540826	PHKA1	0.665178	0.234979	0.0573076	-17.4497	0.740771	0.472043	-2.11845	0.935366	1.20102	1.20102	0.222649	19.0403	19.0403	0.523486	4.33667	4.33667	0.337717	0.104718	-9.54045	0.877313	1.41759	1.41759	0.830494	1.62313	1.62313	0.458049	0.179502	-5.57097	0.749381	57.6864	51.2781	1
cg15993795	CAND1;CAND1	0.665187	0.763793	1.21349	1.21349	0.668857	1.27222	1.27222	0.921575	1.08748	1.08748	-1.06525	0.837855	1.08748	-1.06525	0.837855	1.08748	0.303771	0.925306	-1.08072	0.816564	0.875827	-1.14178	0.172446	0.303771	-2.59387	0.565221	1.02838	1.02838	0.732088	4.2462	5.80012	1
cg07110010	HEATR2	0.665192	0.623743	1.28594	1.28594	0.116391	2.38176	2.38176	0.0987308	2.51146	2.51146	0.646536	1.26473	1.26473	0.800631	1.13736	1.13736	0.449392	1.48006	1.48006	0.626363	1.28346	1.28346	0.831604	0.898572	-1.11288	0.563249	1.34615	1.34615	0.746806	3.06016	3.64236	1
cg08496601	EBF	0.665193	0.328202	1.42198	1.42198	0.539199	0.674709	0.953602	0.674709	0.674709	-1.04826	0.802013	0.802172	0.802172	0.802172	0.802172	0.802172	0.194868	0.810308	0.810308	0.458899	0.563227	-1.77535	0.563227	0.563227	-1.77535	0.563227	0.563227	-1.77535	0.563227	1.41393	1.41393	0.746791	1.02526	1.02526	0.818954	0.643393	0.998991	1
cg00312985	C7orf60	0.665207	0.818971	0.881669	-1.13421	0.262664	1.89946	1.89946	0.078652	2.92403	2.92403	0.90392	0.935812	-1.06859	0.579296	0.73517	-1.36023	0.707112	0.812726	-1.23043	0.598839	1.33861	1.33861	0.937696	0.957963	-1.04388	0.881198	1.08563	1.08563	0.746785	3.56944	4.24866	1
cg05697726	PSMB8;PSMB8	0.665208	0.969837	1.02389	1.02389	0.235357	2.1742	2.1742	0.977976	1.01739	1.01739	0.577693	0.70182	-1.42082	0.509673	0.51843	1.51843	0.490023	1.54941	1.54941	0.158979	0.390587	-2.56025	0.446949	1.62266	1.62266	0.779256	0.839058	-1.19181	0.746784	4.61239	5.49008	1
cg22996009	CPS1;CPS1;CPS1	0.665211	0.866941	0.944216	-1.05904	0.715431	1.29569	1.29569	0.674362	0.865518	-1.15538	0.474049	0.778331	-1.2848	0.07983	-3.15412	0.730732	0.98307	1.05986	1.05986	0.127064	1.27064	1.27064	0.127064	1.30058	1.30058	0.555775	1.62607	1.62607	0.747072	0.729196	1.15128	1.15128	0.746937	0.70172	0.884357	1
cg25476935	ATP6V1F	0.665217	?	?	?	0.158059	10.8494	10.8494	0.430313	3.18448	3.18448	?	?	?	?	?	?	0.46236	2.91771	2.91771	0.565566	2.27093	2.27093	0.502457	2.6339	2.6339	0.970847	1.05184	1.05184	0.721542	11.7016	8.10876	1
cg21705221	ANO6;ANO6;PLEKHA9;ANO6;PLEKHA9	0.665239	0.457633	1.23873	1.23873	0.744839	0.911711	-1.09684	0.683967	1.12281	1.12281	0.284694	1.36964	1.36964	0.548931	0.842267	-1.18727	0.978612	1.00762	1.00762	1.011339	0.612072	-1.6338	0.628183	0.870986	-1.14812	0.900643	1.03599	1.03599	0.746724	0.947499	1.12786	1
cg14833810	LOC729082	0.665263	0.361553	2.11942	2.11942	0.721982	0.751164	-1.33127	0.42092	0.517628	-1.93189	0.186914	0.04274	0.04274	0.701855	1.36077	1.36077	0.232395	0.663444	-1.50729	0.186654	0.632143	-1.58192	0.890937	1.04597	1.04597	0.296142	1.42607	1.42607	0.746872	1.26973	1.51117	1
cg24044763	VANGL2	0.665267	0.191886	1.377785	1.377785	0.597938	0.516523	-1.92187	0.520352	0.822872	0.822872	0.592175	1.08248	1.08248	0.782869	1.03957	1.03957	0.610125	1.03245	1.03245	0.912708	0.991523	-1.00883	0.914164	0.875827	-1.14178	0.172446	0.303771	-2.59387	0.565221	1.02838	1.02838	0.732088	4.2462	5.80012	1
cg07532782	JARID2	0.665294	0.907916	1.08279	1.08279	0.0870175	2.66625	2.66625	0.146534	2.91923	2.91923	0.99369	1.00545	1.00545	0.631291	1.39432	1.39432	0.911209	0.92618	-1.0797	0.735951	1.26197	1.26197	0.880163	0.901485	-1.10928	0.757502	0.808228	-1.23728	0.674659	5.58861	6.65317	1
cg25087553	ACAD11;LIBA5;ACAD11;LIBA5	0.665298	0.656704	1.2094	1.2094	0.776124	1.32346	1.32346	0.188877	1.32346	1.32346	0.944764	1.01441	1.01441	0.508222	1.14861	1.14861	0.706553	1.06513	1.06513	0.215166	0.771801	-1.29567	0.771801	0.837707	-1.19374	0.572273	1.12501	1.12501	0.746653	1.09981	1.34991	1
cg09801621	POU2C	0.665306	0.805674	1.16247	1.16247	0.112115	2.8856	2.8856	0.167506	2.45616	2.45616	0.68999	1.27747	1.27747	0.890733	0.919476	-1.08758	0.540196	0.684722	-1.46045	0.868385	1.1066	1.1066	0.426054	1.64283	1.64283	0.51265	1.50013	1.50013	0.746642	4.41126	5.25167	1
cg05797163	MXD1	0.665315	0.641215	1.21153	1.21153	0.633834	0.71586	-1.2949	0.961907	0.981231	-1.01913	0.647764	1.2002	1.2002	0.315639	1.50928	1.50928	0.169615	0.559939	1.78554	0.624782	1.14982	1.14982	0.149387	1.49387	1.49387	0.456397	1.3513	1.3513	0.746629	1.86111	2.21572	1
cg07665469	RASAL1	0.665317	0.278881	0.850978	-1.80995	0.2995	0.966056	-1.05514	0.444907	0.650655	-1.53638	0.168706	0.810417	-1.23393	0.442401	0.744497	-1.34306	0.915402	0.914615	0.914615	0.984745	-1.01549	0.984745	-1.01549	0.984745	-1.01549	0.984745	-1.01549	0.984745	-1.01549	0.746629	2.94231	2.28922	1
cg19720058	ADAMTS10	0.66532	0.408184	0.781124	-1.28021	0.533948	1.20194	1.20194	0.812634	0.933015	-1.07179	0.561747	0.842562	-1.18686	0.214969	1.46395	1.46395	0.510346	1.21528	1.21528	0.299602	0.730598	-1.36874	0.458729	0.80228	-1.24645	0.519151	0.82628	-1.21024	0.746622	1.00818	1.20028	1
cg02085657	TCF7L1	0.665335	0.489914	0.719428	1.38988	0.477922	0.811451	-1.23236	0.865145	0.959791	-1.05045	0.923251	1.43731	1.43731	0.425577	0.790087	-1.26568	0.619343	1.12121	1.12121	0.107219	0.61634	-1.62216	0.164564	0.858827	-1.16479	0.744274	0.870529	-1.14958	0.746546	0.464341	0.552836	1
cg02646483	LRP5	0.665351	0.648789	1.79428	-1.25902	0.0895187	1.79522	1.79522	0.238271	1.47122	1.47122	0.935556	1.0256	1.0256	0.59641	0.984307	-1.01594	0.74493	1.902099	-1.10742	0.89489	0.959526	-1.04218	0.878378	1.04903	1.04903	0.729385	0.897136	-1.11466	0.746576	1.15515	1.37534	1
cg04495637	DHX30;DHX30	0.665361	0.112714	0.649818	-1.53889	0.673616	1.11155	1.11155	0.940956	0.856826	-1.1671	0.88076	1.03819	1.03819	?	?	?	0.27392	1.13875	1.32875	0.732413	0.915045	-1.09284	0.99128	1.00273	1.00273	0.929976	1.02219	1.02219	0.731831	0.642168	0.87351	1
cg03149567	INPP5A	0.665369	0.284517	0.711021	-1.40625	0.281306	0.709274	-1.40989	0.224163	0.675886	-1.47954	0.864996	0.949136	-1.05359	0.752896	0.907658	-1.10174	0.709182	0.891429	-1.12179	0.172562	0.640598	-1.56104	0.553116	0.656926	-1.52224	0.853369	1.0584	1.0584	0.74655	1.1274	1.32489	1
cg22403906	PANX1	0.66537	0.694443	0.853909	-1.17109	0.10988	0.49809	-2.00799	0.868468	0.935935	-1.06845	0.465711	0.743069	-1.34577	0.468336	0.744412	-1.34334	0.567597	1.26	1.26	0.479243	1.33339	0.810166	0.908222	-1.10105	0.426455	1.3838	1.3838	0.746548	1.89201	2.25275	1
cg14552882	RUNX1T1	0.665375	0.667648	1.27982	1.27982	0.21691	1.21696	1.21696	0.138487	1.31691	1.31691	0.810885	1.49965	1.49965	0.140885	1.44497	1.44497	0.714457	1.44767	1.44767	0.117345	1.9082	1.9082	0.446032	1.34323	1.34323	0.990157	0.995325	1.0047	0.746543	0.78623	0.93157	1
cg20664201	NHBE;INHBE	0.665386	0.532392	0.677112	-1.47686	0.628154	1.3511	1.3511	0.802551	1.16705	1.16705	0.48185	0.643542	-1.5539	0.168318	0.404473	-2.47235	0.63599	0.745299	-1.34174	0.47709	0.640357	-1.56163	0.109733	0.341285	-2.9301	0.828143	0.874551	-1.14344	0.746527	4.49469	5.35183	1
cg13521951	CDK4	0.665408	0.28373	0.880042	-1.57089	0.329025	1.15866	1.15866	0.610724	1.79328	1.79328	0.801379	1.75089	1.75089	-1.13175	?	?	0.872095	1.12014	1.12014	0.255115	0.80202	-1.24688	0.409432	0.871812	1.21812	0.346693	1.02212	1.02212	0.731189	0.10446	0.15676	1
cg06112204	MAD1L1;MAD1L1;MAD1L1	0.665415	0.925323	0.904353	-1.10576	0.526053	1.99165	1.99165	0.508405	0.48702	-2.05331	0.918084	1.11664	1.11664	0.554748	0.516493	-1.93614	0.211337	0.243629	-4.104	0.040398	0.250315	0.503485	0.250315	0.503485	0.250315	0.503485	0.250315	0.503485	0.250315	0.503485	0.746524	13.5957	16.1803	1
cg09155662	KCNQ1;KCNQ1	0.665441	0.752876	0.87461	-1.14337	0.248425	0.59943	-1.66825	0.636606	0.22368	1.22368	0.440998	1.39555	1.39555	0.349382	0.664572	-1.50473	0.821809	0.908751	-1.10041	0.655567	0.826605	-1.20977	0.161924	0.530746	-1.88414	0.578484	1.26879	1.26879	0.746446	2.12704	2.53204	1
cg14679831	FGM21	0.665454	0.288593	1.39443	1.39443	0.617068	1.23945	1.23945	0.613274	1.34341	1.34341	0.843828	0.881597	-1.13431	0.712179	1.02179	-1.02179	0.857208	1.03634	1.03634	0.107219	0.61634	-1.62216	0.164564	0.858827	-1.16479	0.744274	0.870529	-1.14958	0.746546	0.464341	0.552836	1
cg10205287	MAPKSP1;MAPKSP1;MAPKSP1	0.665456	0.734998	1.05354	1.05354	0.186954	1.23952	1.23952	0.664432	1.0693	1.0693	0.990443	1.00184	1.00184	0.628584	0.927908	-1.07769	0.242889	0.828953	-1.20634	0.823152	0.962223	-1.03496	0.975081	1.00481	1.00481	0.205885	1.22732	1.22732	0.746425	0.278562	0.331729	1
ch.7.592198	IGF2BP3	0.665546	0.197159	0.704104	-1.42033	0.3876	0.731773	1.37015	0.384054	0.740843	-1.61204	0.226205	0.496881	-2.01256	0.100169	0.468852	-2.1342	0.645183	1.27351	1.27351	0.182979	0.685664	-1.45844	0.685664	0.919686	-1.08853	0.804888	1.07629	1.07629	0.746319	0.876198	1.04295	1
ch.12.110785	IFSP1	0.665472	0.148741	0.194679	-5.13667	0.29421	0.316774	-3.15682	0.189602	0.230355	-4.34113	0.209686	0.247347	-4.0429	0.326086	0.342549	-2.91929	0.518193	0.500498	-1.99801	0.47951	0.467887	-2.13727	0.396982	0.399935	-2.5004	0.777527	0.741127	-1.3493	0.746401	13.198	15.7175	1
cg02357336	LOC139524	0.665474	0.620079	1.4108	1.4108	0.448946	0.587785	-1.7013	0.644674	1.37687	1.37687	0.877365	0.899114	-1.11221	0.502168	1.59848	1.59848	0.192097	2.58802	2.58802	0.186036	2.62628	2.62628	0.263887	2.2301	2.2301	0.868072	0.891821	-1.1213	0.746398	5.60655	6.67686	1
cg04275239	TCERG1L	0.665479	0.841137	1.18138	1.18138	0.704268	0.910378	-1.09878	0.580545	0.625554	-1.59843	0.626252	1.23732	1.23732	0.837557	1.01915	-1.00419	0.388833	1.2358	1.2358	0.092437	1.35385	1.35385	0.645714	0.829974	-1.17237	0.261619	0.564333	-1.54739	0.814897	1.0839	1.0839	0.746391	1.39513	1.66148	1
cg03876618	IGFBP7	0.66549	0.388341	1.99998	1.99998	0.708708	1.34208	1.34208	0.511745	1.68493	1.68493	0.502951	0.586861	-1.70398	0.338322	0.461252	-2.16801	0.444732	0.542918	-1.8419	0.372697	2.04928	2.04928	0.237615	2.63772	2.63772	0.730069	1.31199	1.31199	0.746375	7.26568	8.65301	1
cg10460657	FOXK2 PDE9A;PDE9A;PDE9A;PDE9A;PDE9A;PD	0.665482	0.639235	1.21391	1.21391	0.205545	1.73034	1.73034	0.684755	1.18244	1.18244	0.864048	0.932057	-1.0729	0.991583	0.995678	-1.00434	0.637038	1.21548	1.21548	0.1504	1.88306	1.88306	0.103093	1.95348	1.95348	0.989895	0.994867	-1.00516	0.746372	1.99261	2.37309	1
cg00516481	E

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. 112 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. 637 vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg20575163	IGJC;IGCE		0.666183		0.77904	0.924125	-1.08231	0.189942	0.677424	-1.47618	0.859153	0.951391	-1.00109	0.452978	1.23921	1.23921	0.463451	1.23288	-1.23288		0.548094	1.1859	1.1859	0.229609	1.42424	1.42424	0.938909	0.82863	-1.20581	0.676403	1.12497	1.14637	0.92606	1.10795	1
cg19643442	DYNC1I1;DYNC1I1;DYNC1I1		0.666187		0.165201	0.197806	-5.05546	0.115689	0.153833	-6.50057	0.375374	0.369186	-2.7072	0.555393	0.52052	-1.92116	0.432632	0.416194	-2.40272		0.354763	0.352707	-2.83521	0.261217	0.277308	-3.60609	0.464956	0.44305	-2.25708	0.715625	0.669973	-1.4926	0.745365	1.14457	1.16896	1
cg08835571	SRFBP1		0.666194		0.491775	0.558423	-1.79076	0.130544	0.256028	-3.90582	0.817422	0.824517	-1.21283	0.739201	1.32152	1.32152	0.532531	0.590078	-1.69469		0.304246	0.411556	-2.4298	0.545786	0.600418	-1.66551	0.159968	0.285714	-3.5	0.808878	1.22409	1.22409	0.745355	8.21899	9.80173	1
cg22917372	TMEM120B		0.667777		0.457155	-2.21457	-2.21457	0.382021	1.905161	1.905161	0.890884	0.905821	-1.10393	0.594498	0.679056	-1.47263	0.343978	0.495407	-2.01827		0.30194	0.463831	-2.15563	0.565869	0.658154	-1.5194	0.721522	0.772736	-1.2941	0.146765	0.125661	-3.07068	0.745348	0.12597	7.30573	1
cg18023041	NAV2;NAV2;NAV2 BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;B		0.6662		0.921985	0.979703	-1.02072	0.382899	0.82918	-1.20601	0.094628	0.68023	-1.46996	0.816107	1.04997	1.04997	0.945401	1.04477	-1.04477		0.908875	0.976316	-1.02426	0.251708	1.28489	1.28489	0.859008	0.963462	-1.03792	0.932516	1.01789	1.01789	0.745346	0.517312	0.616939	1
cg00436254	IN1;BIN1;BIN1		0.666201		0.400466	1.60047	1.60047	0.984846	1.01043	1.01043	0.437743	1.54119	1.54119	0.755001	0.842776	-1.18656	0.248227	0.517057	-1.93402		0.972465	0.983316	-1.01904	0.74799	1.19262	1.19262	0.731993	1.20666	1.20666	0.118832	2.52212	2.52212	0.745344	3.52488	4.20373	1
cg18044482	ATG4A;ATG4A;PSMD10;PSMD10		0.666217		0.40743	0.43283	-2.31008	0.568657	0.551168	-1.81433	0.641902	0.616158	-1.62296	0.535621	1.9129	1.9129	0.122263	5.65033	5.65033		0.282996	0.315549	-3.16959	0.926469	1.00515	1.00515	0.944365	1.07481	0.899562	1.13934	1.19934	0.745321	12.6203	15.0513	1
cg25412384	LRP10;LRP10		0.666224		0.826569	0.957218	1.04469	0.731546	0.107103	1.07103	0.507042	0.886668	-1.12782	0.93983	0.840264	1.1901	0.604272	0.655851	-1.52474		0.576132	0.89356	-1.11952	0.74147	1.06622	1.06622	0.93445	0.983742	-1.01653	0.745341	0.980474	0.680676	0.558963	1
cg21629166	TMEM184A		0.666225		0.241613	0.354453	-2.82125	0.383216	0.469232	-2.13114	0.224637	0.339825	-2.94269	0.790523	1.25268	1.25268	0.30123	0.40398	-2.47537		0.821508	1.21072	1.21072	0.784268	0.792778	-1.26139	0.190965	0.309831	-3.22757	0.361571	0.452207	-2.21138	0.74531	8.45237	10.0807	1
cg15296767	CCDC88B		0.666235		0.558875	0.614554	1.62705	0.695401	0.72728	-1.38353	0.310072	0.71306	-1.40259	0.662896	0.496241	-2.16337	0.286284	0.403502	-2.47821		0.132804	0.262344	-3.81259	0.386342	0.388242	-2.57488	0.387992	0.727945	-1.37392	0.044788	0.044445	2.05882	0.745295	0.837791	0.58655	1
cg03972293	COX10		0.666253		0.918641	1.06247	1.06247	0.359195	0.571731	-1.74914	0.841764	0.889565	-1.12454	0.514186	1.0912	1.0912	0.240266	1.17613	1.17613		0.529568	1.08784	1.08784	0.4001	1.11212	1.11212	0.918327	0.950727	-1.04523	0.417562	0.896457	-1.1155	0.745261	0.205479	0.249279	1
cg03855276	TEX264;TEX264;TEX264		0.666262		0.82852	1.04882	1.04882	0.338043	0.776268	-1.28821	0.939065	0.980586	-1.0198	0.0792312	0.606732	-1.64817	0.371395	0.790291	-1.26536		0.284718	0.752046	-1.32971	0.953844	1.01495	1.01495	0.858869	1.0467	1.0467	0.817407	0.942419	-1.06111	0.745256	0.77615	0.925737	1
cg23388371	APLP1;APLP1;APLP1;APLP1		0.666264		0.832853	1.16054	1.16054	0.523909	0.634436	-1.57623	0.895443	1.09706	1.0969262	0.39354	1.35354	1.35354	0.365011	1.92658	1.92658		0.591817	1.46423	1.46423	0.088422	0.297197	-3.5817	0.470203	0.677944	1.67794	0.853379	0.870111	-1.14024	0.745253	5.85823	6.98751	1
cg21406040	TMSL5;TMSB4X		0.666272		7	7	7	0.486286	1.147319	-6.78799	0.858404	0.8600777	-1.16269	0.359698	1.2855	1.2855	0.724493	0.665499	-1.50263		0.524565	0.477797	-2.09294	0.581683	1.89705	1.89705	0.53139	2.14488	2.14488	0.909364	0.877178	-1.14002	0.745348	13.6175	16.6417	1
cg14511665	LOC146880		0.666281		0.427113	0.438664	-2.27965	0.243121	0.289017	3.46	0.314457	0.34744	-2.87819	0.135204	0.19466	-5.13716	0.321862	0.35344	-2.82933		0.246178	0.291557	-3.42987	0.252122	0.296482	-3.37288	0.695505	0.670493	-1.49144	0.601042	0.584979	-1.70946	0.745229	12.1897	14.5396	1
cg21254470	WWP1		0.666282		0.691923	0.854672	-1.04748	0.615764	1.06151	1.06151	0.226977	1.1604	1.1604	0.237892	1.15594	1.15594	0.841606	1.02374	1.02374		0.223317	1.16232	1.16232	0.497883	1.08405	1.08405	0.691321	0.954271	-1.04792	0.212166	0.1583	1.1583	0.745227	0.162848	0.193645	1
cg14102055	ABL1;ABL1		0.666283		0.540654	0.646586	1.54707	0.485458	0.270911	2.07931	0.422092	0.220445	-2.10464	0.475955	0.25295	3.95295	0.251425	0.783861	1.27626		0.788374	1.26035	1.26035	0.203373	0.321361	-3.11176	0.575751	1.18546	1.18546	0.695263	1.402096	1.402096	0.745228	8.37052	10.4136	1
cg07603449	KIAA2013		0.666292		0.139416	0.455858	-2.19367	0.901128	0.940459	-1.06331	0.548478	0.740907	-1.3497	0.999321	0.999581	-1.00042	0.269042	0.566362	-1.76566		0.429434	0.671407	-1.48941	0.287786	0.579791	-1.72476	0.248286	0.550961	-1.81501	0.241941	0.546127	-1.83107	0.745213	2.87904	3.43411	1
cg12831153	TRRAP		0.666307		0.817453	0.890866	-1.12309	0.902626	0.972134	-1.0284	0.859153	0.940953	-1.06293	0.744913	0.890209	1.08758	1.08758	0.804804	0.793157	-1.26095		0.738091	1.17049	1.17049	0.1302	0.462141	-2.1637	0.668601	0.836997	-1.19494	0.224734	0.914982	0.964117	0.745185	0.83791	0.93665	1
cg06922227	ADCY9		0.666317		0.75636	1.242	1.242	0.76772	0.813633	-1.22906	0.582093	1.47262	1.47262	0.528117	0.640764	-1.56064	0.969065	0.973854	-1.02685		0.971179	1.025048	1.025048	0.107007	1.3972	1.3972	0.202631	2.55143	2.55143	0.717806	0.776685	-1.28755	0.745176	5.72278	6.82646	1
cg07681198	ARPP19		0.666349		0.754499	1.0284	1.0284	0.733615	0.842136	-1.18761	0.316831	0.883456	-1.13189	0.972547	0.92823	-1.07753	0.833862	0.922319	-1.08407		0.983956	1.00306	-1.00306	0.988203	1.02383	1.02383	0.744977	0.98089	-1.01973	0.988703	1.08789	1.08789	0.745238	0.451208	0.538	1
cg21394279	ARHGEF10		0.666361		0.791708	1.11211	1.11212	0.0937072	0.477078	-2.09609	0.294473	0.646259	-1.54737	0.873023	0.937802	-1.06632	0.615237	0.815895	-1.22565		0.562679	0.790587	-1.26488	0.409923	1.40262	1.40262	0.755925	1.13336	1.13336	0.720409	0.865631	-1.15523	0.745113	1.90229	2.26936	1
ch.17.15010IINO11			0.666366		0.901178	0.937026	-1.06721	0.708279	1.2175	1.2175	0.475496	0.683908	-1.46219	0.696199	1.22808	1.22808	0.585143	1.33459	1.33459		0.157302	1.20704	1.20704	0.20594	0.259452	-2.01105	0.519822	0.710624	-1.40721	0.844197	0.902106	-1.10852	0.745106	3.23517	3.85946	1
cg08532569	RBM19;BMI9		0.666366		0.255562	1.35939	1.35939	0.0899191	0.96458	1.03672	0.946097	1.01943	1.01943	0.960753	1.58191	1.58191	0.764098	1.10756	1.10756		0.332524	1.29512	1.29512	0.896507	0.956885	-1.03424	0.277786	1.33905	1.33905	0.936781	1.25166	1.25166	0.745105	0.789606	0.942085	1
cg04582424	ZC3H11A		0.666371		0.282186	0.83588	-1.19634	0.683182	0.936296	-1.06804	0.558693	0.909496	-1.09951	0.729623	0.945863	-1.05724	0.412972	1.1437	1.1437		0.2175	1.23136	1.23136	0.362689	1.16192	1.16192	0.494698	0.894731	-1.11765	0.827409	0.965558	-1.03565	0.745099	0.303661	0.362262	1
cg16948775	GUCX1		0.666372		0.506064	1.36021	1.36021	0.871508	0.899079	-1.11225	0.183813	0.57669	1.73669	0.34524	2.89686	2.89686	0.15774	0.367353	2.72145		0.389776	1.44656	1.44656	0.157424	0.99484	-1.00516	0.968612	0.982219	-1.0181	0.674046	0.745094	2.45323	2.92667	1
cg15454818	HSPB1		0.666375		0.147991	2.75232	2.75232	0.655696	0.749934	-1.33347	0.669215	1.3173	1.3173	0.803785	1.17296	1.17296	0.163204	1.38169	1.38169		0.970416	1.02404	1.02404	0.826748	1.15081	1.15081	0.74733	0.831733	-1.20231	0.591489	1.41564	1.41564	0.746227	1.74863	4.9494	1
cg12208258	CDH2;CDH2		0.666402		0.999625	1.00025	1.00025	0.698388	0.809745	-1.23496	0.728027	1.20829	1.20829	0.133543	0.418172	-2.39136	0.895758	0.931421	-1.07363		0.330768	0.580491	-1.72268	0.46187	1.50071	1.50071	0.959993	0.97318	-1.02756	0.279286	1.84226	1.84226	0.745053	3.46596	4.13508	1
cg15405236	CSNK1D		0.666411		0.302402	1.66319	1.66319	0.407027	0.924255	-1.08167	0.0233	0.0233	-4.29185	0.0233	0.0233	-4.29185	0.0233	0.0233	-4.29185		0.498617	1.10229	1.10229	0.161191	1.32047	-1.2179	0.400231	1.39249	1.39249	0.962156	1.01841	1.01841	0.745441	0.28126	0.33585	1
cg05358758	KRT75		0.666431		0.562049	0.699567	-1.42496	0.224607	0.175191	-2.17591	0.4574	0.15804	-6.32817	0.583942	0.583817	-1.46211	0.179623	0.419502	-2.38378		0.58791	0.716449	-1.39577	0.732407	0.811485	-1.23267	0.462576	0.633965	-1.57738	0.976441	1.01816	1.01816	0.74501	0.43806	0.52953	1
cg20454450	NAT15;NAT15;NAT15		0.666432		0.238331	0.64155	-1.55799	0.0979	0.39727	-2.51727	0.39227	0.58321	-1.71498	0.520855	0.508888	-1.96504	0.265644	0.51496	-1.94269		0.474451	0.840414	-1.19008	0.174238	0.830837	-1.20361	0.604564	0.87696	-1.14056	0.717279	0.886703	-1.12754	0.744982	0.483208	0.581328	1
cg14311320	GPR37		0.666437		0.748764	1.06298	1.06298	0.362053	0.19492	1.19492	0.40328	0.17654	1.17654	0.42346	1.16813	1.16813	0.833608	1.0408	1.0408		0.806244	1.04782	1.04782	0.640592	0.914499	-1.09349	0.255657	0.798064	-1.25303	0.171619	1.31869	1.31869	0.745002	0.42633	0.50867	1
cg17741192	THOP1		0.666444		0.833337	0.829649	-1.20533	0.0798708	0.59849	0.59849	0.851956	1.18008	1.18008	0.851187	0.866665	-1.1811	0.235639	0.332262	-3.00877		0.824812	0.82161	-1.21712	0.867182	1.15908	1.15908	0.973204	1.29187	1.29187	0.774514	0.775254	-1.2899	0.744992	0.92808	0.11582	1
cg20727423	MRFAP1		0.666463		0.373799	0.7855	0.7855	0.0997955	0.78855	0.78855	0.122954	0.78855	0.78855	0.122954	0.228917	2.22419	0.177016	0.228917	-4.36914		0.884209	1.0745	1.0745	0.0860547	0.812003	1.01203	0.768148	0.864316	-1.15692	0.698614	1.2105	1.2105	0.744965	2.88647	3.42264	1
cg20829347	SOX1		0.666469		0.289493	0.802104	-1.24672	0.548182	0.12961	1.12961	0.366754	1.20439	1.20439	0.78051	1.05763	1.05763	0.843242	1.04051	1.04051		0.488225	0.868283	-1.1517	0.138677	0.726362	-1.37672	0.717532	1.07559	1.07559	0.982193	1.00449	1.00449	0.744955	0.474633	0.566337	1
cg05232889	FOXP2;FOXP2;FOXP2		0.666477		0.334923	1.21202	1.21202	0.644855	0.48466	-2.06446	0.954697	1.0417	1.0417	0.929184	1.06915	1.06915	0.615668	1.20933	1.20933		0.357152	1.09455	1.09455	0.208832	0.353548	-2.83001	0.404912	0.644253	1.55068	0.248493	0.948475	-1.05432	0.744955	0.67634	0.79626	1
cg09278839	MRGPRE		0.666473		0.706623	1.1478	1.1478	0.325919	0.609001	-1.44739	0.538915	0.797083	-1.25457	0.76147	0.894951	-1.11738	0.140636	0.56114	1.78209		0.810928	1.0913	1.0913	0.350935	1.41903	1.41903	0.465376	0.762739	-1.31106	0.428134	0.744601	1.343	0.94925	1.56792	1.87087	1
cg26242494	NSDHL;NSDHL;CTN2		0.666489		0.276156	0.392206	-2.54968	0.268378	0.385764	-2.59226	0.416063	0.503183	-1.98735	0.202087	0.04312	3.04312	0.550639	0.64692	1.54647		0.217315	1.23136	1.23136	0.362689	1.16192	1.16192	0.494698	0.894731	-1.11765	0.827409	0.965558	-1.03565	0.745099	0.303661	0.362262	1
cg27378396	AGFG1;AGFG1;AGFG1;AGFG1		0.666501		0.909656	1.06831	1.06831	0.811292	0.844855	-1.28466	0.958497	1.0417	1.0417	0.929184	1.06915	1.06915	0.615668	1.20933	1.20933		0.357152	1.09455	1.09455	0.208832	0.353548	-2.83001	0.404912	0.644253	1.55068	0.248493	0.948475	-1.05432	0.744955	0.67634	0.79626	1
cg19258994	KIF17;KIF17		0.666506		0.999967	1.00004	1.00004	0.184881	0.297649	-3.9566	0.384359	0.215685	2.15685	0.703609	0.742478	-1.34684	0.993419	1.00713	1.00713		0.825742	0.826939	-1.20928	0.257237	0.77033	2.77033	0.443085	0.510171	-1.96013	0.366352	0.449429	-2.22505	0.744902	0.76181	0.10554	1
cg09793609	FAM70A;FAM70A;FAM70A		0.666514		0.980352	1.01982	1.01982	0.93911	0.96458	1.03672	0.946097	1.01943	1.01943	0.960753	1.58191	1.58191	0.764098	1.10756	1.10756		0.332524	1.29512	1.29512	0.896507	0.956885	-1.03424	0.277786	1.33905	1.33905	0.936781	1.25166	1.25166	0.745105	0.789606	0.942085	1
cg18260555	RNF213;LOC102294362		0.666518		0.295096	0.80141	-1.2478	0.733612	1.07228	1.07228	0.316637	0.809372	-1.23553	0.498766	1.1506	1.1506	0.968766	0.992033	1.00803		0.900268	0.974711	-1.02594	0.389501	1.1974	1.1974	0.162963	0.737679	-1.3556	0.785751	0.945856	-1.05724	0.744885	0.492372	0.587559	1
cg04984818	ZFYVE21		0.666519		0.98555	1.01879	1.01879	0.224969	1.30621	1.30621	0.263299	0.83613	1.19604	0.56197	0.564407	1.77171	1.77171	0.752352	0.722159	-1.38474		0.960292	0.950121	-1.05251	0.626139	1.51788	1.51788	0.980215	1.02595	1.02595	0.79048	0.742004	2.45323	2.92667	1
cg06645424	PDLIM7		0.666521		0.629831	1.18202	1.23003	0.184774	0.56095	1.78295	0.266814	0.57125	1.75007	0.554191	0.754795	1.32457	0.758392	0.999726	-1.11445	0.576241	0.786079	-1.27214	0.458494	1.3296	1.3296	1.3296	1.47284	2.53832	1
cg16265140	PRDM16;PRDM16		0.666525		0.235296	0.458853	-2.17935	0.491358	0.645486	-1.54922	0.441802	1.63429	1.63429	0.758191	1.21336	1.21336	0.487892	0.643154	-1.55484		0.669051	0.763909	-1.30906	0.284956	0.498779	-2.00489	0.235229	0.458797	-2.17961	0.606703	1.38433	1.38433	0.744875	0.62739	0.53204	1
cg06504128	MATN4;RBFL;MATN4;MATN4		0.666536		0.641613	1.55727	1.55727	0.302403	0.924255	-1.08167	0.0233	0.0233	1.14406	1.14406	0.422124	1.1565	0.0233	0.0233	-4.29185		0.498617	1.10229	1.10229	0.161191	1.32047	-1.2179	0.400231	1.39249	1.39249	0.962156	1.01841	1.01841	0.745441	0.28126	0.33585	1
cg19430046	CHN2		0.666543		0.630006	0.655351	-1.5259	0.510693	0.78758	1.78758	0.42614	0.20462	2.04362	0.774139	0.778414	-1.28466	0.316838	0.406197	2.46186		0.752542	0.759286	-1.31703	0.140276	0.275145	-3.63508	0.916063	0.912301	-1.09613	0.295194	0.388628	-2.57315	0.744848	0.94173	0.10709	1
cg25844977	PDE11A;PDE11A;PDE11A;PDE11A		0.666548		0.217541	0.542426	-1.83007	0.25608	0.184715	1.2915	0.862863	1.08088	1.08088	0.788507	0.882304	-1.1334	0.56178	0.760868	-1.31429		0.669928	1.22429	1.22429	0.402598	1.48009	1.48009	0.865294	0.924476	-1.08169	0.155601	0.22	2.04079	0.744842	0.26435	0.31033	1
cg18052878	LRRC10B		0.666561		0.175072	2.44468	2.44468	0.569835	0.674515	-1.51645	0.492777	0.12985	1.12985	0.228522	0.724903	-1.37949	0.676098	0.809152	-1.23553		0.340813	0.917947	-1.08939	0.119161	0.559735	-1.78656	0.71767	0.882857	-1.13269	0.162745	0.599712	-1.66747	0.744701	0.74861	0.93263	1
cg17231776	HK3		0.666565		0.604858	1.4978	1.4978	0.36625	0.210435	2.05035	0.799583	0.81227	-1.21763	0.639741	1.44032	1.44032	0.119751	0.270768	-3.6932		0.438718	0.542644	-1.84283	0.390707	0.506262	-1.97526	0.919721	0.924941	-1.08115	0.74298	1.29004	1.29004	0.744671	7.00497	8.43323	1
cg20756939	C1orf97		0.666568		0.56611	0.752485	1.32909	0.579936	0.770197	-1.29813	0.245056	0.551262	1.81402	0.239553	1.81402	1.81402	0.724123	0.899553	-1.11202	0.45242	0.774496	-1.29096	0.112727	0.464647	-2.15244	0.744667	-2.91107	0.179512	0.497082	-2.01174	0.744667	0.83503	1.33411	1
cg02291897	ELK1;ELK1;ELK1;ELK1		0.666574		0.384684	0.148741	-6.72309	0.794478	0.572269	-1.74743	0.870382	0.705295	-1.41785	0.202075	17.8091	17.8091	0.415905	5.91659	5.91659		0.179669	0.0475075	-21.0493	0.613973	2.75463	2.75463	0.89515	0.754345	-1.32565	0.959341	0.896733	-1.11516	0.744659	53.9085	64.3498	1
cg18958579	ZNF554		0.666581		0.941815	0.96205	-1.03914	0.884216	0.94755	1.04755	0.844255	0.88466	-1.13005	0.944609	1.20687	1.20687	0.547839	1.12496	1.12496		0.91521	0.97951	-1.02083	0.624049	1.03004	-1.03741	0.966199	1.00991	1.00991	0.984639	0.944106	0.975295	0.744651	0.75	0.89583	1
cg05990080	CTDSPL;CTDSPL		0.666703		0.443737	0.66373	0.66373	0.1532	0.105301	0.105301	0.181694	2.51096	2.51096	0.706544	1.27964	1.27964	0.823653	0.864583	1.15663		0.288685	0.05044	0.05044	0.568313	1.45636	1.45636	0.379584	1.79973	1.79973	0.981696	0.985155	-1.01507	0.744616	0.10217	5.9833	1
cg10764357	BCAT1;BCAT1		0.666726		0.261685	0.803708	-1.24423	0.442278	0.863927	-1.15751	0.437838	1.15922	1.15922	0.521545	0.885775	-1.12895	0.522465	0.88602	-1.12864		0.442968	0.864125	-1.15724	0.185093	0.769213	-1.30003	0.366755	0.841047	-1.18899	0.280539	0.83106	-1.23295	0.745083	0.41103	0.49069	1
cg14632031	JARID2		0.666734		0.0554	0.0554	0.0554	0.0554	0.307193	0.307193	0.301403	0.30148	0.30148	0.264688	0.37952	2.63572	0.37952	0.30073	3.32557	3.32557		0.900705	0.982662	-1.0048	0.602188	1.30381	1.30381	0.904364	1.06251	1.06251	0.887006	0.939792	-1.07455	0.844755	1.00065	1.00065	1.58223	1
cg02848039	FAM96A;FAM96A;FAM96A;FAM96A		0.666732		0.326537	1.19742	1.19742	0.700865	0.933646	-1.07107	0.199906	1.27235	1.27235	0.502262	0.885928	-1.12876	0.429932	1.15409	1.15409		0.623617	0.915311	-1.09252	0.311259	0.829991	-1.20483	0.657295	0.923652	-1.08266	0.976049	1.00535	1.00535	0.744575	0.373089	0.445401	1
cg11289234	DPAP2;NL		0.666735		0.674763	0.669144	1.49256	0.457408	0.21614	2.21614	0.143677	0.574315	1.7412	0.680659	1.08886	1.08886	0.622954	0.8305	-1.20413		0.383159	0.727316	1.37506	0.446371	0.777849	-1.2856	0.674794	0.848863	-1.17788	0.16932	0.587075	-1.70336	0.744571	0.58332	0.74626	1
cg20392105	CDK5;CDK5;CDK5;CDK5		0.666737		0.809242	0.933312	-1.07145	0.534132	0.19684	1.19684	0.275434	0.38235	1.38235	0.373363	1.29794	1.29794	0.599154	1.16341	1.16341		0.8557	0.949379	-1.05332	0.730124	1.10387	1.10387	0.136332	0.632542	-1.58092	0.574812	1.17556	1.17556	0.744568	0.960307	1.14644	1
cg08095566	RBMS1;RBMS1		0.666739		0.893372	1.08201	1.08201	0.445719	1.60712	1.60712	0.792914	1.1742	1.1742	0.361931	0.564416	-1.77174	0.15412	0.394093	-2.53747		0.726658	1.23888	1.23888	0.461021	1.58099	1.58099	0.350836	0.561646	-1.78048	0.553897	0.693879	-1.44117	0.744565	4.39289	5.24439	1
cg18104285	PIK3R1		0.666754		0.161132	0.548219	1.82403	0.0798352	0.840235	-1.19041	0.170474	0.46967	2.70207	0.163693	0.163693	0.163693	0.0727	0.163693	-6.10767		0.648401	0.91243	-1.09597	0.102686	0.700158	-1.42825	0.425491	1.3764	1.3764	0.533065	1.13432	1.13432	0.744342	0.469775	0.561003	1
cg20073271	TRIO		0.666784		0.748195	0.887618	-1.12661	0.207452	0.163561	1.63561	0.955983	0.979777	-1.02064	0.316409	1.46722	1.46722	0.34551	1.43275	1.43275		0.765003	1.11735	1.11735	0.0988797	1.95371	1.95371	0.823174	1.08637	1.08637	0.687859	1.16124	1.16124	0.744499	1.61534	1.92862	1
cg22282410	PTPN23;PTPN23;PTPRN2		0.666819		0.391603	0.834732	1.19782	0.415345	0.807175	1.23973	0.0923	0.933556	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1128 vs. N)	Fold-Change(1128 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg15474378	FAM111A,FAM111A,FAM111A,FAM111	0.667405	0.238736	0.674019	-1.48364	0.234356	0.67129	-1.48967	0.35093	0.735696	-1.35926	0.783788	1.09192	1.09192	0.205219	0.653819	-1.52948	0.717125	1.12336	1.12336	0.283131	0.700095	-1.42838	0.521447	0.822278	-1.23111	0.548475	0.823558	-1.21424	0.7436	1.20379	1.439	1
cg01157883	CHTF8,CHTF8,CHTF8,CHTF8,CHTF8,CIR#1A	0.667421	0.796855	1.07774	1.07774	0.973922	0.990558	-1.00953	0.227807	1.444	1.444	0.263385	0.712917	-1.40269	0.238969	0.699127	-1.43036	0.303851	0.734129	-1.36216	0.77494	1.08676	1.08676	0.898701	1.03766	1.03766	0.818608	0.935504	-1.06894	0.745577	0.991069	1.18582	1
cg20056634	MEIS1	0.667421	0.307268	0.355954	-2.80935	0.0864941	0.157229	-6.36013	0.237517	0.208508	-3.35	0.795171	0.795558	-1.28939	0.374447	0.410197	-2.43677	0.675189	0.662496	-1.50944	0.388557	0.421745	-2.3711	0.329722	0.374296	-2.67168	0.565886	0.567221	-1.76298	0.743575	1.12409	1.13477	1
cg17155524	ZFYVE28	0.667431	0.574960	1.89983	1.89983	0.84085	0.796325	-1.25577	0.900937	0.868435	-1.15155	0.585736	1.86528	1.86528	0.076543	0.107352	-9.31513	0.508357	2.13838	2.13838	0.437869	2.45076	2.84578	0.488547	0.848294	-1.17884	0.989272	0.984085	-1.01535	0.745562	1.15105	1.18638	1
cg21899777	CELSR1	0.667432	0.883887	1.02849	1.02849	0.605553	0.9047	-1.10534	0.2919	1.23397	1.23397	0.597501	0.902636	-1.10787	0.933815	1.0161	1.0161	0.69956	0.928161	-1.0774	0.617896	1.10151	1.10151	0.141984	1.35461	1.35461	0.325113	0.822553	-1.21573	0.745561	0.493239	0.520306	1
cg24329521	PTBP2	0.667443	0.852251	1.06231	1.06231	0.479329	1.26258	1.26258	0.718764	1.1244	1.1244	0.743974	0.899197	-1.1121	1.25086	0.677739	-1.47549	0.873481	1.05303	1.05303	0.620435	0.850564	-1.17569	0.336387	1.37902	1.37902	0.150207	1.64881	1.64881	0.745546	1.23787	1.47984	1
cg15746891	ZNF292,ZNF568,ZNF821	0.667446	0.533405	0.695159	-1.08677	0.318025	1.14589	1.14589	0.564888	0.937781	-1.02272	0.979044	1.00347	1.00347	0.949431	1.13551	1.13551	0.268434	1.16424	1.16424	0.350419	0.856219	-1.16753	0.420707	1.11464	1.11464	0.853608	0.975759	-1.02484	0.745521	0.204992	0.245071	1
cg14889822	WHAMM	0.667474	0.867205	0.954023	1.04319	0.870851	0.95527	-1.04682	0.324209	1.31156	1.31156	0.936656	0.977723	-1.02278	0.532472	0.837086	-1.19462	0.093187	0.594868	1.68105	0.377606	0.775208	-1.28998	0.65957	1.13278	1.13278	0.919436	1.02886	1.02886	0.7435	0.931465	1.11361	1
cg09674402	CTCF	0.667488	0.729264	1.10195	1.10195	0.471669	1.227	1.227	0.984541	1.00543	1.00543	0.513284	1.20351	1.20351	0.287113	0.734301	-1.36184	0.137583	0.639668	-1.56331	0.514508	0.831361	-1.20285	0.586308	1.16595	1.16595	0.782498	1.08039	1.08039	0.74948	0.919295	1.09909	1
cg07760910	WDR17,WDR17	0.667490	0.746083	0.953470	-1.04905	0.749495	1.12049	1.12049	0.484243	1.13014	1.13014	0.22446	1.68076	1.68076	0.120631	0.671595	-1.48902	0.290841	1.15649	1.15649	0.269891	0.936937	-1.06731	0.975409	1.14307	1.14307	0.507115	1.10398	1.10398	0.743477	0.254411	0.304169	1
cg10328548	SS18L1	0.667492	0.757437	1.65397	1.65397	0.663816	0.96307	-1.03835	0.989319	1.02198	1.02198	0.364184	0.54746	0.114556	0.059956	-16.6779	0.302099	0.57697	1.76097	0.569121	0.392732	-2.54627	0.737244	0.578728	-1.72793	0.720183	0.557528	-1.79363	0.743474	31.064	37.1398	1
cg26777234	MK2-MK2	0.667494	0.873913	1.04645	1.04485	0.697276	1.11467	1.11467	0.545465	0.844844	1.18415	0.375499	0.777823	-1.28564	0.631698	1.14272	1.14272	0.079199	0.953714	1.71317	0.653127	1.13219	1.13219	0.605569	0.866322	-1.15431	0.809925	1.09883	1.09883	0.754472	0.898566	1.07412	1
cg03513643	HSF1	0.667497	0.945861	1.0678	1.0678	0.378538	2.30974	2.30974	0.675449	1.47722	1.47722	0.490599	0.522666	-1.91327	0.306363	0.374834	-2.66785	0.869461	1.16463	1.16463	0.353743	0.813092	-1.42077	0.137737	0.227404	-4.39746	0.861658	0.850765	-1.17554	0.743474	10.1094	12.0868	1
cg13058734	SMYD3,SMYD3 AURKA,AURKA,CSTF1,CSTF1,CSTF1,AUR	0.667497	0.458414	1.30842	1.30842	0.376253	0.723754	-1.38168	0.573153	0.816522	-1.22471	0.495914	0.781788	-1.27912	0.34011	0.704654	-1.41914	0.254853	1.52698	1.68258	0.682569	1.15766	1.15766	0.498632	1.27708	1.27708	0.497147	0.782355	-1.27819	0.743467	1.49272	1.7847	1
cg27500859	KA;AURKA;AURKA;AURKA;CSTF1	0.667511	0.435001	0.680709	-1.46906	0.826047	0.899168	-1.11214	0.894569	0.937981	-1.06612	0.512038	0.725339	-1.37866	0.466749	1.42992	1.42992	0.544022	1.34429	1.34429	0.425417	0.675003	-1.48147	0.21548	1.87674	1.87674	0.272485	1.73592	1.73592	0.743446	2.74553	3.28265	1
cg20364025	GAUS FAM123A,FAM123A,FAM123A,FAM123	0.667512	0.527805	0.719741	-1.38939	0.553279	1.36114	1.36114	0.143287	2.24484	2.24484	0.983891	1.01043	1.01043	0.469278	0.681074	-1.46827	0.288751	0.567695	-1.76151	0.973326	0.982957	-1.01734	0.429745	1.51345	1.51345	0.961459	0.975463	-1.02515	0.743446	3.11208	3.72091	1
cg14880499	A	0.667538	0.958538	1.01102	1.01102	0.66188	0.911427	-1.09718	0.179181	0.740276	-1.35085	0.171387	0.735718	-1.35922	0.952392	1.01266	1.01266	0.700066	1.085	1.085	0.498447	0.865165	-1.15585	0.824547	1.04791	1.04791	0.349056	1.22528	1.22528	0.743408	0.522981	0.625326	1
cg08057159	RBM6A	0.667556	0.862641	1.02828	1.02828	0.135524	0.781664	1.27139	1.06329	0.375752	1.10587	1.10587	0.199391	1.24498	1.24498	0.695482	1.43849	0.652265	1.07581	1.07581	0.410534	0.91458	1.14518	1.14518	0.390963	1.16331	1.16331	0.146294	1.28557	1.28557	0.743376	0.305487	0.365286	1
cg11110406	FARP1;RNF113B;FARP1	0.667573	0.894355	0.958447	-1.04335	0.806237	0.9245	-1.08167	0.422038	1.29951	1.29951	0.315751	1.39284	1.48269	0.797728	-1.25356	0.644628	1.28265	1.28265	0.118143	1.7194	0.648197	0.863516	-1.15806	0.639317	1.16274	1.16274	0.743357	1.20135	1.43655	1
cg14862791	TTC23L	0.667575	0.279042	1.2188	1.2188	0.425108	1.15403	1.15403	0.913674	1.03326	1.03326	0.539684	1.1154	1.1154	0.991071	0.998334	-1.00197	0.479222	1.40727	1.40727	0.288585	1.13561	1.13561	0.603898	0.912052	-1.09643	0.24921	1.23594	1.23594	0.743354	0.364219	0.435526	1
cg27098807	DBN1;DBN1	0.667579	0.0990168	0.582231	-1.71753	0.457292	1.25406	1.25406	0.470168	1.24574	1.24574	0.886211	1.04375	1.04375	0.429459	0.785672	1.2728	0.954868	0.983216	-1.01707	0.382837	0.765179	-1.30688	0.767864	0.915282	-1.09256	0.861474	0.949106	-1.05362	0.743349	1.053	1.25916	1
cg04051266	TMEM47	0.667581	0.215335	0.375695	-2.66173	0.856974	0.873346	-1.14502	0.944435	1.03172	1.05372	0.414227	1.87111	1.87111	0.537967	1.56011	1.56011	0.158572	0.322612	-3.0997	0.475954	0.580357	-1.72308	0.582128	1.2276	1.2276	0.712393	1.32041	1.32041	0.743347	0.633886	0.793272	1
cg00138688	PARP8	0.667605	0.868028	1.04599	1.04599	0.755748	0.93474	-1.06982	0.493005	0.924922	-1.08169	0.483305	0.924922	-1.08169	0.483305	0.924922	-1.08169	0.463962	1.09162	1.09162	0.759094	0.909073	-1.10733	0.374412	0.889891	-1.11236	0.975564	0.906429	-1.10353	0.743311	0.160586	0.192037	1
cg03493069	CYTH1;CYTH1	0.667608	0.908979	0.982573	-1.01774	0.558883	1.09512	1.09512	0.533248	0.907991	-1.10133	0.949557	1.01048	1.01048	0.521699	0.904989	-1.10499	0.486751	1.11475	1.11475	0.318103	0.853312	-1.1719	0.116474	1.2998	1.2998	0.903406	0.98151	-1.01884	0.743307	0.278192	0.332677	1
cg11606575	SYT13	0.667617	0.993660	0.994803	-1.00521	0.160054	2.24739	2.24739	0.467853	1.62481	1.62481	0.64875	1.36414	1.36414	0.264197	0.687882	-1.45384	0.816038	0.858092	-1.16535	0.447855	1.182299	-1.02865	0.876871	0.972148	1.02865	0.756871	0.815508	-1.22623	0.744279	5.07099	6.0717	1
cg08264335	SELL	0.667638	0.327154	0.752814	-1.32835	0.200596	0.684231	-1.46015	0.682425	1.12241	1.12241	0.891624	1.03901	1.03901	0.308608	1.28717	1.28717	0.536528	1.83887	1.83887	0.414894	1.26356	1.26356	0.439472	0.80146	-1.24772	0.743263	0.92749	1.10921	1
cg10814005	GPR68	0.667644	0.297439	0.489458	-2.04308	0.549192	1.49311	1.49311	0.340161	1.91592	1.91592	0.850641	0.882777	-1.13279	0.553697	0.67284	-1.48624	0.612975	0.713638	-1.40127	0.155015	0.365459	-2.73629	0.426226	0.584277	-1.71152	0.615704	0.715552	-1.39758	0.743255	5.14981	6.15884	1
cg23459010	FBXO31B;FBXO31B	0.667650	0.808203	1.05524	1.05524	0.781664	1.27139	1.06329	0.375752	1.10587	1.10587	0.199391	1.24498	1.24498	0.695482	1.43849	0.652265	1.07581	1.07581	0.410534	0.91458	1.14518	1.14518	0.390963	1.16331	1.16331	0.146294	1.28557	1.28557	0.743376	0.305487	0.365286	1
cg13796381	SMARCB1;SMARCB1	0.667669	0.276534	0.66864	-1.49557	0.472291	1.29693	1.29693	0.810509	1.08918	1.08918	0.883982	1.0533	1.0533	0.448343	0.759731	-1.31625	0.681556	1.15804	1.15804	0.249151	0.615174	-1.53474	0.497921	1.27724	1.27724	0.316919	1.44476	1.44476	0.743219	1.48871	1.7805	1
cg13014545	PGK1;PGK1	0.667674	0.242888	1.2188	1.2188	0.425108	1.15403	1.15403	0.913674	1.03326	1.03326	0.539684	1.1154	1.1154	0.991071	0.998334	-1.00197	0.442888	1.40727	1.40727	0.288585	1.13561	1.13561	0.603898	0.912052	-1.09643	0.24921	1.23594	1.23594	0.743354	0.364219	0.435526	1
cg18831959	SLC5A8	0.667702	0.614652	1.38115	1.38115	0.561109	0.688098	-1.45328	0.257409	0.471498	-2.1209	0.685609	1.29549	1.29549	0.39012	0.571103	1.751	0.593067	1.40935	1.40935	0.803803	1.17156	1.17156	0.561542	0.688388	-1.45267	0.137229	0.361221	-2.76839	0.74317	2.76753	5.69659	1
cg05343453	C7orf45	0.667722	0.521406	1.1609	1.1609	0.197853	0.731647	-1.36678	0.138465	0.693379	-1.44221	0.976607	1.00675	1.00675	0.783478	1.06528	1.06528	0.86029	1.04127	1.04127	0.725651	1.08424	1.08424	0.875421	0.964624	-1.03667	0.440535	1.1079	1.1079	0.743142	0.620286	0.741938	1
cg24686694	B4GALT5	0.667729	0.909405	0.9643	1.03513	0.754048	0.93707	-1.071	0.4	0.923492	-1.08309	0.59478	1.03716	1.03716	0.845388	1.14202	1.14202	0.683188	1.05376	1.05376	0.487315	0.816655	-1.19524	0.832274	0.93708	-1.02743	0.235518	1.17193	1.17193	0.743131	0.191672	0.229266	1
cg11710123	PRDM16;PRDM16	0.66773	0.484302	1.33978	1.33978	0.0582432	2.41291	2.41291	0.980163	1.01029	1.01029	0.68964	1.17963	1.17963	0.880808	0.940117	-1.0637	0.748272	1.14169	1.14169	0.274661	1.59651	1.59651	0.404988	1.142	1.142	0.713875	1.16364	1.16364	0.743129	1.99345	2.38445	1
cg04734760	LIMBTL3;LIMBTL3	0.667748	0.97725	1.01263	1.01263	0.0853	2.50433	2.50433	0.962977	1.03855	1.03855	0.579586	1.72536	1.72536	0.643816	1.43181	1.43181	0.673984	1.12474	1.12474	0.513731	1.48406	1.48406	0.444104	0.733199	1.36422	1.36422	0.211026	1.21026	1.21026	0.099585	0.100041	0.119403	1
cg00012194	PLXNB2	0.66776	0.828935	0.883799	-1.13148	0.752744	0.907758	1.09758	0.20241	1.25756	1.25756	0.805284	0.868492	-1.15142	0.915565	0.941312	-1.06235	0.79011	1.1645	1.1645	0.510308	1.46408	1.46408	0.704033	0.935484	-1.06897	0.947371	1.0384	1.0384	0.743087	1.83527	4.5878	1
cg18865419	KDM4B	0.667776	0.489637	0.589149	-1.69736	0.628996	1.44341	1.44341	0.995639	0.995888	-1.00413	0.745147	0.78202	-1.27874	0.203917	0.363922	-2.74784	0.800996	0.826628	-1.20973	0.61126	0.832721	-1.08908	0.252437	0.40608	-2.46257	0.583849	0.517443	0.51743	0.743063	0.68812	0.80066	1
cg06577660	SEC31;DBP	0.667782	0.422336	0.611052	1.03554	0.0648	2.55151	2.55151	0.930903	0.894683	-1.11835	0.607404	0.897625	-1.11408	0.583232	1.17622	1.17622	0.672994	1.12474	1.12474	0.513731	1.48406	1.48406	0.444104	0.733199	1.36422	1.36422	0.211026	1.21026	1.21026	0.099585	0.100041	0.119403	1
cg20155704	CENPO;C2orf79	0.667817	0.534455	1.21745	1.21745	0.9815	0.992775	-1.00728	0.841872	1.06446	1.06446	0.584075	1.18874	1.18874	0.760425	0.911269	-1.09737	0.652058	1.15253	1.15253	0.122655	0.592656	-1.68732	0.33001	1.3694	1.3694	0.332697	1.36687	1.36687	0.743003	1.15097	1.37696	1
cg19168507	ALX4;ALX4	0.667833	0.533493	0.684554	-1.46112	0.753745	0.928387	1.07697	0.328541	1.38064	1.38064	0.493005	0.924922	-1.08169	0.483305	0.924922	-1.08169	0.463962	1.09162	1.09162	0.759094	0.909073	-1.10733	0.374412	0.889891	-1.11236	0.975564	0.906429	-1.10353	0.743011	0.160586	0.192037	1
cg18253101	PALM;PALM	0.667845	0.478697	1.26571	1.26571	0.499269	0.798996	-1.25157	0.872928	1.05376	1.05376	0.436372	1.29666	1.29666	0.71689	0.887677	-1.12654	0.568816	1.20734	1.20734	0.10355	0.558511	-1.79047	0.759045	0.904239	-1.1059	0.595744	1.19147	1.19147	0.742963	1.2596	1.507	1
cg24397007	PSD3	0.667845	0.290188	0.743567	-1.39525	0.444309	0.921653	-1.13416	0.619108	0.499698	-2.00122	0.347519	0.565615	-1.76793	0.673896	0.779315	-1.28318	0.816038	0.858092	-1.16535	0.447855	1.182299	-1.02865	0.876871	0.972148	1.02865	0.756871	0.815508	-1.22623	0.744279	5.07099	6.0717	1
cg08329904	ZFY;ZFY;ZFY	0.667867	0.415796	0.45352	-2.20414	1.34401	1.54406	0.905773	0.1923	1.1923	0.116753	0.07100666	-12.9859	?	?	?	?	0.332521	0.44511	0.44511	0.165298	0.852482	0.802704	-1.24579	0.750245	0.679253	0.679253	0.742481	0.22176	26.5998	1
cg12447182	EDA;EDA;EDA;EDA;EDA;EDA	0.667848	0.16382	0.0511884	-19.5357	0.679678	0.435806	-2.2946	0.966657	1.08721	1.08721	0.278005	0.55082	0.55082	0.426922	0.50674	0.50674	0.360279	0.152373	6.56282	0.673615	2.33363	2.33363	0.703622	2.14814	2.14814	0.713169	2.09296	2.09296	0.742958	0.407089	56.3344	1
cg26381783	MAP3K3	0.667863	0.354394	0.818821	-1.22127	0.64163	1.25158	1.25158	0.707022	0.924615	-1.08181	0.573817	0.887651	-1.12657	0.683781	1.08822	1.08822	0.343917	0.814358	-1.22796	0.116431	0.699249	-1.43011	0.881361	1.03181	1.03181	0.841122	1.04299	1.04299	0.742954	0.517466	0.619109	1
cg15604337	MYC1;MYC1	0.667862	0.973395	1.02529	1.02529	0.229403	0.57125	0.57125	0.108596	3.70822	3.70822	0.449585	0.561611	-1.78059	0.588736	1.50493	1.50493	0.847188	1.15542	1.15542	0.804283	1.19965	1.19965	0.563837	1.54793	1.54793	0.600563	0.673276	-1.48527	0.742939	0.59759	0.749368	1
cg00796511	SIGAP2;SRGAP2;SRGAP2	0.667875	0.43662	0.560319	-1.78434	0.220566	2.51198	2.51198	0.370434	1.93048	1.93048	0.745639	0.792325	-1.26211	0.569168	0.662673	-1.50904	0.640566	0.71441	1.39976	0.574464	0.666204	-1.50104	0.358737	2.32265	2.32265	0.643826	1.39796	1.39796	0.74292	6.04794	7.20035	1
cg11664468	VGF	0.667885	0.329532	1.32011	1.32011	0.3084	2.477848	-2.60271	?	?	?	?	?	?	?	0.541506	1.67636	1.67636	0.948417	0.647325	-1.0556	0.598924	1.6415	1.6415	0.558575	0.218312	0.5858	-2.95351	0.689004	1.99999	1.99999	0.437807	1.93836	1.93836	0.728113	7.17031	7.84779	1
cg03884792	WNT1	0.667892	0.248277	0.447723	-2.23152	0.40533	0.567309	-1.76271	0.461971	0.607197	-1.64637	0.10739	0.310372	-3.22194	0.587753	0.695294	-1.43824	0.592273	0.607737	-1.43323	?	?	?	0.907405	1.08055	1.08055	0.331458	0.513174	-1.94866	0.728103	4.5438	6.2406	1
cg00432059	ZNF91	0.667893	0.521468	0.858852	-1.16479	0.754748	0.928541	1.07697	0.328541	1.38064	1.38064	0.493005	0.924922	-1.08169	0.483305	0.924922	-1.08169	0.463962	1.09162	1.09162	0.759094	0.909073	-1.10733	0.374412	0.889891	-1.11236	0.975564	0.906429	-1.10353	0.743011	0.160586	0.192037	1
cg02985381	SMAD9;SMAD9	0.667899	0.936946	1.02526	1.02526	0.702949	0.886217	-1.12839	0.12733	1.68173	1.68173	0.464761	1.26436	1.26436	0.515909	0.812468	-1.23082	0.797493	0.922134	-1.08444	0.246051	0.682175	-1.4659	0.621066	0.854619	-1.17011	0.899017	1.04171	1.04171	0.742886	1.16944	1.39927	1
cg12247050	TMF1	0.667904	0.994306	0.994702	-1.00533	0.660578	0.719661	-1.38954	0.445152	1.23957	1.23957	0.641551	1.24637	1.24637	0.341684	0.72386	-1.37986	0.794843	0.823647	-1.21411	0.888557	1.11857	1.11857	0.607423	1.14227	1.14227	0.642464	1.17407	1.17407	0.74283	0.52116	0.68294	1
cg12421138	TLE4	0.667903	0.993696	1.00931	1.00931	0.821734	0.3031	1.3031	0.931218	1.10658	1.10658	0.736337	0.672704	-1.48654	0.703433	0.638455	-1.56628	0.396145	1.19185	1.19185	0.270132	0.426972	0.848958	-1.17794	0.942871	1.06055	1.06055	0.155753	0.376439	0.963394	-1.038	0.742692	16.1882	19.3748	1
cg14689542	LOC729156	0.668034	0.41358	1.22975	1.22975	0.5914	1.14348	1.14348	0.662185	0.966799	1.03435	0.592627	0.979297	-1.02114	0.271194	1.52768	1.52768	0.566221	1.14127	1.14127	0.290453	0.762372	-1.31182	0.198459	1.3997	1.3997	0.948377	1.25684	1.25684	0.74269	0.720102	0.861855	1
cg20786794	RAB8B	0.668038	0.380805	0.601477	-1.66257	0.970395	1.02121	1.02121	0.452576	1.54148	1.54148	0.997202	0.998019	-1.00199	0.123975	0.380814	-2.56532	0.857256	0.903194	1.10718	0.393414	0.609945	-1.63949	0.903808	0.939314	-1.07076	0.219858	0.482121	-2.07417	0.742684	0.48568	0.45216	1
cg23239150	EVC	0.668046	0.305085	0.470858	-2.12378	0.294666	0.16153	2.16153	0.421133	1.79113	1.79113	0.790904	0.828234	-1.20736	0.184559	0.368575	-2.71315	0.61929	0.701012	1.42651	0.774506	1.22595	1.22595	0.512015	0.623971	-1.60264	0.836058	0.863329	-1.15831	0.742672	5.91623	7.08102	1
cg23499980	GRIA3;GRIA3	0.668049	0.238437	1.28248	1.28248	0.475796	0.96425	-1.03609	0.875731	1.08703	1.08703	0.19454	0.408859	-2.44668	0.59758	1.20736	1.20736	0.188621	1.60012	1.60012	0.491485	0.597443	-1.67405	0.154546	1.72656	1.72656	0.276634	1.37634	1.37634	0.742665	1.18058	1.42564	1
cg14344651	LOC32249	0.668064	0.265282	0.293173	-3.41096	0.161662	0.206072	-4.85268	0.491636	0.477956	-2.09224	0.31657	2.98716	2.98716	0.857405	0.826885	-1.20936	0.277719	0.303299	3.29707	0.854036	0.82759	-1.20833	0.969557	0.960978	-1.04061	0.981501	0.975792	-1.02481	0.742646	0.14346	0.13184	15.7257	1
cg04435087	NOM1	0.668073	0.757372	0.936243	-1.06814	0.693435	1.28237	1.28237	0.816164	0.78357	-1.27609	0.731477	0.926263	-1.07947	0.377271	0.970127	-1.03079	0.401542	0.848035	-1.17796	0.606736	0.67562	-1.48025	0.364602	0.810403	-1.1926	0.949896	1.01356	1.01356	0.742644	0.429794	0.512279	1
cg13443410	GRIPAP1;GRIPAP1	0.668077	0.870725	0.182657	-5.47413	0.0178	0.24783	2.0837	0.106614	0.4087	-2.40932	0.166053	0.24783	-4.03511	0.805554	0.24783	-4.03511	0.24783	0.736632	1.35804	0.210851	0.24783	-4.03511	0.24783	0.24783	-4.03511	0.24783	0.24783	-4.03511	0.742627	0.52076	0.31309	1
cg24077770	KDELR2;KDELR2	0.668078	0.64091	0.921766	-1.08487	0.790385	1.04728	1.04728	0.660084	1.07977	1.07977	0.69093	0.934844	-1.0697	0.639128	0.921379	-1.08533	0.897463	0.977889	-1.02261	0.283695	0.824356	-1.21307	0.461797	0.87817	-1.13873	0.111043	1.3513	1.3513	0.742626	0.353725	0.423393	1
cg02858164	C11orf10;PEN1	0.668082	0.844414	0.951553	-1.05125	0.731569	1.03999	1.03999	0.913618	1.03204	1.03204	0.29475	1.63563	1.63563	0.294475	0.61203	-1.63369	0.744237	0.796482	1.25553	0.400772	0.647542	1.5443	1.5443	0.14737	1.80743	1.80743	0.899991	1.00347	1.00347	0.742623	0.226282	0.304768	0.244209	1
cg21544997	CCDC148;CCDC148	0.668102	0.848368	0.718952	-1.39091	0.827138	0.685892	-1.45789	0.41871	4.1624	4.1624	0.218702	0.29985	0.299985	0.832896	0.694749	-1.43937	0.513014	0.334913	-2.98585	0.351475	0.914986	0.914986	0.854202	0.215492	0.946161	0.676222	0.484816	0.26264	0.742592	0.94969	0.41317	1
cg20073596	MACHD01	0.668112	0.414482	0.808662	-1.20357	0.616611	0.68616

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4771 vs. N)	Fold-Change(3477 vs. 4771 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 37 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 63 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg13603318	CCDC46	0.668541	2.68798	2.08788	1.6254606	2.18871	2.18871	0.462821	0.304273	-3.28652	0.2180808	1.72533	7.12533	1.320326	0.194988	5.12852	0.860884	1.32431	1.32431	0.479098	1.14402	3.14402	0.3825353	0.1608222	5.935638	0.5939776	2.355518	2.355518	0.1941956	29.7837	35.6819	1
cg13795986	RIT1	0.668541	0.904528	0.933	-1.07181	0.243499	2.02447	2.02447	0.360494	1.72173	1.72173	0.197674	2.19678	2.19678	0.666771	1.2845	1.2845	0.847409	0.894633	-1.11778	0.279738	0.52233	-1.9145	0.704776	0.802518	-1.24608	0.73945	1.212777	1.211577	0.741956	9.92527	4.70261	1
cg03541742	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.668549	0.648121	0.851093	-1.17496	0.236491	1.54536	1.54536	0.521651	1.259598	1.259598	0.176484	1.10504	1.10504	0.117318	1.37965	1.37965	0.692721	0.869907	-1.14955	0.144785	1.73251	0.535213	0.80224	-1.24651	0.843667	0.933062	-1.07174	0.741944	1.44691	1.73348	1
cg03352717	WFIKKN1	0.668554	0.875141	0.968071	-1.03298	0.819557	0.953943	-1.04828	0.608568	1.11248	1.11248	0.993862	0.998414	-1.00159	0.167644	0.738233	-1.35459	0.950198	1.01297	1.01297	0.122836	1.41198	1.41198	0.960935	0.980943	-1.01016	0.563536	0.886474	-1.12806	0.741938	0.500395	0.599504	1
cg01727686	NUDT22;NUDT22;NUDT22;DNAJC4	0.668557	0.697342	0.784561	-1.2746	0.824223	0.871004	-1.1481	0.185433	2.39112	2.39112	0.45477	1.60428	1.60428	0.536228	0.677839	-1.47528	0.645622	0.750166	-1.33304	0.722153	0.80119	-1.24814	0.186947	0.419524	-2.38366	0.629597	1.35215	1.352153	0.741932	4.52885	5.42589	1
cg19455142	HCRT	0.668562	0.412135	0.854254	-1.17061	0.577049	1.11165	1.11165	0.134765	1.2028	1.2028	0.344176	1.20728	1.20728	0.267552	0.809185	-1.23596	0.810494	0.921488	-1.08543	0.83615	-1.19596	0.416437	0.855044	-1.16885	0.875853	1.02981	1.029281	0.741926	0.414668	0.496806	1
cg16075744	C2CD3;C2CD3;PPME1	0.668565	0.546132	1.07162	1.07162	0.154807	0.841617	-1.18819	0.642781	0.948484	-1.05431	0.578333	1.06564	1.06564	0.51174	1.07827	1.07827	0.550258	0.933848	-1.07084	0.649322	1.0532	1.0532	0.839726	1.0232	1.0232	0.252514	1.14493	1.14493	0.741921	0.15067	0.180516	1
cg19189368	PPP3R1	0.668602	0.785671	2.08788	1.6254606	2.185	2.185	1.035	0.462821	0.869196	-1.15049	0.2180808	1.163	1.163	0.451785	1.21705	1.21705	0.281896	1.13181	1.13181	0.212788	0.714463	-1.39965	0.2180808	0.094634	-1.07941	0.2637211	1.14786	1.14786	0.741869	0.771398	0.92427	1
cg05128825	GSG1L	0.668607	0.50415	2.11919	2.11919	0.734937	0.686257	-1.45719	0.809776	1.30629	1.30629	0.649237	0.602095	-1.66087	0.845379	1.24151	1.24151	0.114511	1.49291	-1.69831	?	?	?	0.816423	0.772866	-1.29389	0.319634	3.12514	3.125141	0.727051	12.565	17.2821	1
cg08980509	AFF2;AFF2;AFF2;AFF2;AFF2	0.668615	0.230803	0.179377	-5.68258	0.744898	0.636814	-1.57032	0.827284	0.739314	-1.35263	0.159562	0.798475	0.798475	0.362751	1.51266	1.51266	0.267279	0.202415	-4.94035	0.985744	1.025	1.025	0.726301	1.62543	1.62543	0.739061	1.59354	1.593541	0.741849	22.4476	26.8968	1
cg16822572	PIM2	0.668619	0.102903	0.140701	-7.10725	0.403845	1.391069	-2.55709	0.583649	1.83738	1.83738	0.954993	1.00692	1.00692	0.364142	0.358797	-2.78709	0.240017	0.258676	-3.86584	0.962292	0.949364	-1.05334	0.985425	1.02028	1.02028	0.555677	0.519391	-1.92533	0.741843	14.1936	17.007	1
cg00356500	TNXB	0.668624	0.539459	1.30321	1.30321	0.310619	1.56393	1.56393	0.835846	1.09248	1.09248	0.299773	1.58102	1.58102	0.094204	1.75753	1.75753	0.268138	1.63507	1.63507	0.115697	2.07283	2.07283	0.484464	1.35372	1.35372	0.464626	1.37335	1.373353	0.741836	2.13491	2.55811	1
cg04058748	SNX31	0.668631	0.407436	2.73122	-1.36758	0.92047	1.03324	1.03324	0.863552	0.663932	0.831371	1.20283	0.554245	0.802728	-1.24573	0.733149	0.882129	-1.13475	0.993443	0.996069	-1.00304	0.545725	1.25704	1.25704	0.287788	0.633973	-1.57736	0.089185	0.500371	-1.99852	0.741826	1.60318	1.92101	1
cg27447599	IGFBP1	0.668632	0.076053	2.63207	2.63207	0.56889	1.3261	1.3261	0.959053	1.02549	1.02549	0.824127	0.896633	-1.11528	0.819166	0.89382	-1.11879	0.98791	1.00745	1.00745	0.778494	0.870897	-1.14824	0.484125	1.41701	1.41701	0.235855	1.83847	1.83847	0.741824	2.8231	3.38277	1
cg24831735	CCNA1;CCNA1	0.668644	0.845378	0.909877	-1.11003	0.554894	0.737021	-1.37554	0.854613	1.10289	1.10289	0.715956	0.864626	-1.15707	0.651479	0.785284	-1.27326	0.665875	0.792074	-1.26108	0.0399185	0.285428	-3.55331	0.922322	0.69821	-1.43123	0.883902	0.924949	-1.08114	0.741807	3.34914	4.01943	1
cg19872237	FANK1	0.668652	0.265188	0.569971	-1.75462	0.324614	0.622352	-1.60681	0.167613	0.480967	-2.04096	0.8425502	1.1013	1.1013	0.526327	0.7324	1.1013	0.549716	0.969873	-1.03106	0.170139	0.492305	-2.03126	0.716214	1.19388	1.19388	0.59396	0.702284	-1.42622	0.741781	2.76395	3.31209	1
cg15749141	CRE B3;CRE B1	0.668663	0.216815	0.851675	-1.17416	0.639984	0.943463	-1.05993	0.768059	1.03721	1.03721	0.570453	0.93161	-1.07341	0.450874	0.909455	-1.09956	0.566424	0.930904	-1.07422	0.2146	1.17516	1.17516	0.459136	0.911082	-1.0976	0.351441	0.888273	-1.12578	0.74178	0.179316	0.214877	1
cg10167296	RASSF5;RASSF5	0.668664	0.532245	1.7971	1.40704	0.710954	1.3043	1.3043	0.973813	0.63092	-1.63688	0.333475	0.583563	-1.71356	0.767123	0.851945	-1.17378	0.776089	0.858354	-1.16475	0.739759	0.835318	-1.19715	0.190615	2.41382	2.41382	0.60804	1.32107	1.321067	0.741763	3.42305	4.102	1
ch.6.4679648	KDM1B	0.668688	0.128771	0.653719	-1.52971	0.740622	0.917576	-1.08983	0.885114	1.03815	1.03815	0.921143	0.974686	-1.02597	0.729363	0.913992	-1.0941	0.57956	0.865101	-1.15593	0.915128	1.01587	1.01587	0.388098	1.25741	1.25741	0.226887	1.38891	1.38891	0.741744	0.787667	0.943922	1
cg20345195	NUP1;NUP1	0.668696	0.473316	0.869756	-1.14975	0.518357	1.15313	1.13313	0.916463	1.02062	1.02062	0.299933	1.22758	1.22758	0.376829	1.18899	1.18899	0.115331	1.3201	1.39291	0.587153	0.900735	-1.1102	0.833909	1.04111	1.04111	0.719345	1.06753	1.067533	0.741732	0.49025	0.553944	1
cg25230942	CD24;TTTY14	0.668696	0.154305	4.1479	4.1479	0.312232	2.65187	-2.52159	0.2180808	2.26126	-2.65744	2.21126	1.82126	0.94954	0.962665	1.06082	0.799968	0.780087	-1.26729	0.123873	4.73155	4.73155	0.479057	1.95685	1.95685	0.0884554	-1.07941	0.2637211	1.14786	1.14786	0.741869	0.771398	0.92427	1
cg05129572	NEDD4;NEDD4	0.668717	0.803563	0.870456	-1.14882	0.115512	0.38579	-2.59209	0.773789	1.17401	1.17401	0.380969	0.606381	-1.64913	0.393737	0.61489	-1.62631	0.506989	0.687457	-1.45464	0.365798	1.21744	1.67741	0.713747	1.22764	1.22764	0.971136	0.98006	-1.02035	0.741702	3.6402	4.36258	1
cg19799959	SULF2;SULF2;SULF2;SULF2;SULF2	0.668719	0.5196	0.877545	-1.13954	0.312404	0.811942	-1.23253	0.488282	0.803782	-1.15224	0.446113	1.16813	1.16813	0.619392	0.831375	-1.20283	0.554245	0.802728	-1.24573	0.733149	0.882129	-1.13475	0.993443	0.996069	-1.00304	0.545725	1.25704	1.257041	0.741684	0.741699	0.470436	0.563703	1
cg00875636	CELSR1	0.668719	0.775612	1.1228	1.1228	0.561651	1.26851	-1.26851	0.487023	1.33137	1.33137	0.331501	1.50091	1.50091	0.321893	0.660507	-1.51399	0.164694	1.82354	1.82354	0.331378	1.50107	1.50107	0.848974	1.08033	1.08033	0.643046	0.827662	-1.20822	0.741698	1.92955	2.31247	1
cg24603198	FBXL6;GPR172A;FBXL6	0.668724	0.954093	0.975407	-1.02533	0.97035	1.00372	-1.00372	0.292582	1.19532	1.19532	0.133737	1.53738	1.53738	0.185097	1.537	1.537	0.718021	1.11599	1.11599	0.134829	1.68902	1.68902	0.925225	0.972271	-1.02852	0.304555	1.38278	1.38278	0.741692	1.09332	1.3103	1
cg13978991	GGNBP1	0.668739	0.912885	0.982514	-1.0178	0.740467	0.105505	1.05505	0.599295	0.912435	-1.09597	0.614395	1.08534	1.08534	0.728478	1.05862	1.05862	0.839853	1.19663	1.19663	0.157515	1.36993	1.36993	0.158525	1.16993	1.16993	0.357515	0.858527	-1.16479	0.741672	0.305238	0.365827	1
cg04974702	PPP1CA;PPP1CA;PPP1CA	0.668742	0.646321	1.76946	1.76946	0.912928	1.14353	1.14353	0.905463	1.15684	1.15684	0.584471	1.98241	1.98241	0.144958	0.124637	-8.0233	?	?	?	0.440844	2.6771	2.6771	0.79023	1.38766	1.38766	0.658191	1.577166	-1.7326	0.73973	13.6224	9.20766	1
cg22775123	DAAM2	0.668748	0.553265	1.70971	1.40704	0.710954	1.3043	1.3043	0.973813	0.63092	-1.63688	0.333475	0.583563	-1.71356	0.767123	0.851945	-1.17378	0.776089	0.858354	-1.16475	0.739759	0.835318	-1.19715	0.190615	2.41382	2.41382	0.60804	1.32107	1.321067	0.741763	3.42305	4.102	1
cg10143108	ADAT1	0.668751	0.813805	0.954194	-1.048	0.666615	1.08095	1.08095	0.3271	1.22269	1.22269	0.522804	1.13736	1.13736	0.093003	0.976084	-1.0245	0.829853	1.0437	1.0437	0.755531	0.939817	-1.06404	0.547787	0.88614	-1.12849	0.0749699	1.48306	1.483056	0.741653	0.463922	0.556022	1
cg05113898	RPTOR;RPTOR	0.668753	0.847257	0.979372	-1.02656	0.822233	0.729733	-1.37045	0.729733	1.29133	1.29133	0.77156	0.813428	1.22937	0.354642	0.813428	-1.22937	0.697634	1.1029	1.1029	0.387143	1.11552	1.11552	0.682143	0.983462	-1.01682	0.843662	0.880936	-1.13544	0.741622	1.09362	1.30023	1
cg04450091	RHPN1	0.668758	0.49038	0.788594	-1.26808	0.557371	0.817772	-1.22284	0.184029	0.620177	-1.61244	0.335767	0.714275	-1.40002	0.083853	0.522804	-1.91276	0.884171	1.05066	1.05066	0.883565	0.915134	-1.05093	0.511668	0.798003	-1.25313	0.707716	0.880132	1.13619	0.741643	1.34993	1.61794	1
cg07253192	CHD7	0.668779	0.579119	0.726762	-1.37597	0.091519	0.346991	-2.88192	0.953403	0.967261	-1.03385	0.578752	1.3764	1.3764	0.878631	0.916636	-1.09095	0.427888	0.63661	-1.58577	0.49561	0.67427	-1.48308	0.341965	0.572499	-1.74673	0.573791	1.38229	1.38229	0.741612	3.8111	4.56795	1
cg16586152	FLJ36031	0.668783	0.334107	1.28656	1.28656	0.479755	0.881281	1.28281	0.950989	0.810289	1.07288	0.647327	0.303476	-2.98618	0.088065	0.111536	-8.96376	0.317096	1.34721	1.34721	0.376829	1.10988	1.10988	0.602599	0.726083	-1.37614	0.898757	0.866	-1.15473	0.688639	1.57609	1.96758	0.73848	1
cg27100471	SLC25A22	0.668808	0.509143	1.64816	1.64816	0.537468	1.59337	1.59337	0.223036	2.59936	2.59936	0.314088	2.1744	2.1744	0.826077	0.848579	-1.17844	0.308527	0.455503	-2.19537	0.356648	0.492953	-2.02859	0.942986	1.05481	1.05481	0.761253	0.796632	-1.25528	0.74157	6.5378	7.83658	1
cg09674157	C5orf57	0.668809	0.466608	1.44418	1.44418	0.688198	0.989499	-1.01022	0.894962	1.03068	1.03068	0.889768	0.960416	-1.04139	0.721275	0.902084	-1.10845	0.931054	0.98045	-1.02004	0.944055	0.936813	-1.06758	0.995538	1.00973	1.00973	0.944562	0.613365	0.731825	1.0135	0.741625	0.373883	0.457385	1
cg03733831	NHS;NHS;NHS	0.668859	0.821241	1.20646	1.20646	0.732274	0.752171	-1.3249	0.803942	0.813602	-1.2291	0.22147	0.344447	-2.9032	0.315116	0.422544	-3.6662	0.206416	0.10193	3.01993	0.384026	2.09646	0.769602	1.27581	1.27581	0.865992	1.802014	1.14914	0.741496	0.07728	9.68286	1
cg01513418	ARMCX1	0.668888	0.308203	0.537728	-1.85968	0.168989	0.422311	-2.36792	0.385926	0.59284	-1.6868	0.631472	1.32879	1.32879	0.667596	0.775591	-1.28934	0.145585	0.39886	-2.50715	0.858052	1.1103	1.1103	0.957563	0.969184	-1.0318	0.955488	0.9677	-1.03338	0.741454	4.06305	4.87097	1
cg17323383	MCF2L2	0.668889	0.743514	1.34644	1.34644	0.742159	0.72252	-1.38356	0.744349	1.34449	1.34449	0.411731	1.13668	1.13668	0.489768	0.960416	-1.04139	0.931054	0.98045	-1.02004	0.944055	0.936813	-1.06758	0.995538	1.00973	1.00973	0.944562	0.613365	0.731825	1.0135	0.741625	0.373883	0.457385	1
cg03733831	NHS;NHS;NHS	0.668889	0.821241	1.20646	1.20646	0.732274	0.752171	-1.3249	0.803942	0.813602	-1.2291	0.22147	0.344447	-2.9032	0.315116	0.422544	-3.6662	0.206416	0.10193	3.01993	0.384026	2.09646	0.769602	1.27581	1.27581	0.865992	1.802014	1.14914	0.741496	0.07728	9.68286	1
cg10513418	ARMCX1	0.668888	0.308203	0.537728	-1.85968	0.168989	0.422311	-2.36792	0.385926	0.59284	-1.6868	0.631472	1.32879	1.32879	0.667596	0.775591	-1.28934	0.145585	0.39886	-2.50715	0.858052	1.1103	1.1103	0.957563	0.969184	-1.0318	0.955488	0.9677	-1.03338	0.741454	4.06305	4.87097	1
cg17323383	MCF2L2	0.668889	0.743514	1.34644	1.34644	0.742159	0.72252	-1.38356	0.744349	1.34449	1.34449	0.411731	1.13668	1.13668	0.489768	0.960416	-1.04139	0.931054	0.98045	-1.02004	0.944055	0.936813	-1.06758	0.995538	1.00973	1.00973	0.944562	0.613365	0.731825	1.0135	0.741625	0.373883	0.457385	1
cg25015529	P10	0.668892	0.587692	0.675479	-1.48043	0.285911	0.21279	-2.51279	0.0795908	0.03281	-4.03281	0.435164	1.7694	1.7694	0.94062	0.950952	-1.05158	0.835289	0.863382	-1.16093	0.875151	1.11928	1.11928	0.785737	1.21567	1.21567	0.757154	1.800678	1.24894	0.741449	0.03165	7.23107	1
cg21877216	GNL1	0.668893	0.866788	0.982555	1.01823	0.858158	1.04718	1.04718	0.712465	1.13405	1.13405	0.670644	0.467368	2.1401	0.763232	1.0255	1.0255	0.639586	0.841246	1.19439	0.353907	0.880027	1.13633	0.883521	1.16693	1.16693	0.434383	1.74051	1.740511	0.741447	0.75307	0.907	1
cg02498072	RUNDC2A	0.668899	0.669152	0.854975	-1.16913	0.507306	1.27787	1.27787	0.293796	0.672383	-1.48725	0.496099	1.28647	1.28647	0.529244	0.792685	-1.26154	0.449169	1.3246	1.3246	0.745219	1.1262	1.1262	0.214648	1.60987	1.60987	0.459159	0.759778	-1.31617	0.741438	1.56014	1.87041	1
cg16090859	PLXNA4	0.668907	0.701502	0.873927	-1.14426	0.735205	1.12612	1.12612	0.210802	0.630481	-1.58609	0.847972	0.93505	-1.06946	0.665019	1.16467	1.16467	0.83242	1.07696	1.07696	0.094284	1.9034	0.889715	0.952613	-1.04974	0.992779	0.996839	-1.00317	0.741426	1.43771	1.72365	1
cg05368942	RBM15;RBM15	0.668911	0.638144	1.5636	1.5636	0.553649	1.07177	1.07177	0.105505	1.10505	1.10505	0.599295	0.912435	-1.09597	0.614395	1.08534	1.08534	0.728478	1.05862	1.05862	0.839853	1.19663	1.19663	0.157515	1.36993	1.36993	0.158525	1.16993	1.16993	0.357515	0.858527	-1.16479	0.741672	0.305238	0.365827	1
cg18759110	HCFC2	0.668971	0.6663	0.79032	-1.26531	0.412453	1.5754	1.5754	0.758034	0.84569	-1.18247	0.621492	0.757813	-1.31959	0.412603	0.634858	-1.57516	0.343303	0.588886	-1.69812	0.148856	2.31576	2.31576	0.826865	1.12616	1.12616	0.590968	1.34215	1.34215	0.741333	3.45413	4.14164	1
cg25605771	SLC6A9;SLC6A9;SLC6A9	0.668979	0.598874	0.842869	-1.18677	0.642653	0.881281	1.28281	0.950989	0.810289	1.07288	0.647327	0.303476	-2.98618	0.088065	0.111536	-8.96376	0.317096	1.34721	1.34721	0.376829	1.10988	1.10988	0.602599	0.726083	-1.37614	0.898757	0.866	-1.15473	0.688639	1.57609	1.96758	0.73848	1
cg08784838	FUBT1;MACROD1	0.668981	0.445191	0.719251	-1.39034	0.315517	0.15185	-3.15185	0.098144	0.468358	-2.15583	0.908518	1.04988	1.04988	0.497	0.823977	-1.21363	0.585154	0.791812	-1.26289	0.853803	0.924865	-1.08124	0.939201	1.03283	1.03283	0.397009	0.692644	-1.44374	0.74132	2.10509	2.52414	1
cg20855001	NASA3	0.668982	0.835486	1.09064	1.09064	0.37777	0.658285	-1.45296	0.514791	0.52685	-1.89808	0.688048	1.38131	1.38131	0.704934	0.85466	-1.17006	0.508844	0.973443	0.973443	0.986552	-1.01384	0.96827	1.01656	1.01656	0.741263	2.00074	2.39924	1
cg24836546	MGMT	0.668985	0.161909	0.669881	-1.4928	0.424702	0.803559	-1.24446	0.264466	0.484824	-2.06444	0.10684	0.854798	-1.16987	0.797352	0.85466	-1.17047	0.888691	0.963129	-1.03828	0.575103	1.42736	1.42736	0.718468	1.10199	1.10199	0.752021	1.08876	1.08876	0.741256	0.84488	0.913315	1
ch.17635970	HNA11	0.669043	0.971692	1.1468	0.78703	1.54127	1.54127	0.334048	0.203522	-4.91346	0.2576005	1.38511	0.94236	-1.06069	0.761606	1.63105	1.63105	0.931423	1.14743	1.14743	0.454771	1.37556	1.37556	0.817146	1.44784	1.44784	0.127265	0.071715	0.071715	0.133946	0.741231	0.39722	0.453587	1
cg21164303	TMEM33	0.669054	0.754564	1.32492	1.32492	0.755241	0.743165	-1.34559	0.822181	1.21811	1.21811	0.542436	1.24236	1.24236	0.533473	1.20556	1.20556	0.854637	1.16966	1.16966	0.298306	1.00361	1.00361	0.997485	1.54885	1.54885	0.645197	1.03032	1.030321	0.741238	0.49363	0.564	1
cg06134860	A4;SLC12A4;SLC12A4;SLC12A4;LCAT;SLC12A4;SLC12A4;SLC12A4;SLC12A4;SLC12A4;LCAT;SLC12A4	0.669046	0.94591	1.03566	1.03566	0.750837	1.17884	1.17884	0.577817	1.33695	1.33695	0.750087	1.17945	1.17945	0.723015	0.832099	-1.20178	0.244227	0.533006	-1.87615	0.115659	0.413426	-2.41881	0.396514	0.638629	-1.56585	0.68442	1.23497	1.234977	0.741226	1.13153	3.75538	1
cg24840182	GAK	0.669055	0.549663	1.20289	1.20289	0.61728	1.16632	1.16632	0.756725	0.905844	-1.10394	0.151892	1.59754	1.59754	0.642124	1.15048	1.15048	0.214487	0.671124	-1.49004	0.800849	1.08019	1.08019	0.84303	0.941292	-1.06237	0.458752	0.794355	-1.25888	0.741212	1.09323	1.13104	1
cg26825614	PTS	0.669068	0.133434	0.683434	-1.4632	0.88878	1.03345	1.03345	0.976585	0.993738	-1.0063	0.879699	0.965015	-1.03625	0.307833	0.780205	-1.28171	0.29654	1.2898	1.2898	0.821472	1.05458	1.05458	0.915197	1.02536	1.02536	0.432443	1.20728	1.20728	0.741193	0.649894	0.778318	1
cg22165685	VENTX	0.669069	0.635424	1.57435	1.57435	0.721472	1.3556	1.3556	0.980696	0.734602	1.36099	1.66099	0.844432	1.3556	0.880594	0.922305	-1.08411	0.744219	1.34283	1.34283	0.382084	1.52125	1.52125	0.802258	1.24648	1.24648	0.732081	0.899393	-1.11023	0.381284	0.495335	1.44166	0.132505	1.93605	1.936051	0.741192	1.94713	2.33513	1
cg27439396	NSAMT2	0.669107	0.740262	0.929701	-1.07561	0.688685	1.09225	1.09225	0.444156	1.18765	1.18765	0.259411	0.772762	-1.29406	0.164346	0.722462	-1.38416	0.657381	0.906826	-1.10275	0.240624	0.764013	-1.30888	0.760248	0.935138	-1.06936	0.807004	1.05509	1.055091	0.741191	0.563454	0.675837	1
cg21476203	SCRIB;SCRIB	0.669073	0.626544	1.59597	1.59597	0.737921	1.38317	1.38317	0.180367	0.723168	-1.38317	0.414338	0.595595	-1.67899	0.694885	0.782867	-1.27736	0.567184	1.03825	1.43215	0.807619	0.859418	-1.16358	0.705163	0.787935	-1.26525	0.586953	0.713095	1.402354	0.741187	4.52715	5.26526	1
cg03607179	GPSM1	0.669095	0.731532	0.843156	-1.18602	0.246209	0.548404	-1.82347	0.570431	1.32852	1.32852	0.958574	0.974597	-1.02607	0.525706	0.727214	-1.37511	0.250057	0.551321	-1.81383	0.557985	0.745656	-1.3411	0.267928	0.564589	-1.7712	0.350272	1.61005	1.610051	0.741155	2.88049	3.45465	1
cg20246055	ZFHX3;ZFHX3	0.669111	0.090415	0.167729	-5.962	0.827593	1.2281	1.2283	0.841043	0.827529	-1.20842	0.478253	0.505985	-1.97634	0.504303	0.527243	-1.89666	0.497648	0.528	-1.89394	0.526359	0.382977	-2.61112	0.220103	0.293858	-3.40301	0.448358	0.481729	-2.07585	0.742148	10.2223	10.7131	1
cg23483840	HLA-;NCRNA00171	0.669118	0.314988	0.7964	0.7964	0.497331	0.665605	-1.50249	0.232181	0.43664	-2.29048	0.101648	0.683351	-1.46359	0.447902	0.683351	-1.46359	0.707203	0.682497	-1.46521	0.130959	0.594416	-1.68254	0.311122	0.524307	-1.90707	0.660114	0.683883	-1.46298	0.741182	1.56539	1.96121	1
cg26817300	SLC25A4	0.669144	?	?	?	?	?	?	0.511984	1.36743	1.36743	0.297842	1.66445	1.66445	0.533572	0.743332	-1.34529	0.363934	0.64286	-1.55555	0.932625	0.961077	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg10068136	DCLRE1A;NHLRC2	0.669729	0.845313	0.837753	-1.07787	1.0996149	1.99944	1.99944	0.242207	1.59884	1.59884	0.634957	1.20168	1.20168	0.328766	1.47251	1.47251	0.554818	1.25775	1.25775	0.72936	0.87517	-1.14264	0.853808	1.33857	1.33857	0.4432017	1.35207	0.7402238	1.7279	2.07489	1
cg00529181	ESYT1	0.669735	0.332095	0.675737	-1.47987	0.765104	0.8892533	-1.12454	0.174936	1.75968	1.75968	0.62623	0.795244	-1.25748	0.831121	1.08726	1.08726	0.296789	0.654601	-1.52765	0.477104	1.32733	1.32733	0.863483	1.06974	1.06974	0.5263315	0.777634	-1.28595	0.740229	1.79884	2.1601	1
cg01449415	ZNF213;ZNF213	0.66975	0.403417	0.876091	-1.14143	0.530569	1.10328	1.10328	0.226934	1.21685	1.21685	0.429665	0.882736	-1.13284	0.817227	1.03647	1.03647	0.428953	0.882559	-1.13307	0.789499	1.04227	1.04227	0.257927	1.20039	1.20039	0.6533565	1.0724	1.0724	0.7402208	0.280619	0.336985	1
cg24616736	HDAC6	0.669768	0.274161	0.419977	2.3811	0.0971709	0.249579	-4.00675	0.503613	0.596016	-1.67781	0.716765	1.3202	1.3202	0.987112	0.01293	1.01293	0.279606	0.424505	-2.35569	0.421796	0.534909	-1.86948	0.901874	1.10933	1.10933	-1.09861	0.936422	1.06271	1.06271	0.740182	0.814668	0.18379	1
cg05201145	IQSEC3;QSEC3	0.669772	0.467552	0.589655	-1.69591	0.380017	1.903111	1.903111	0.647597	0.719738	-1.38939	0.371549	0.519122	-1.92633	0.114524	0.293307	-3.4094	0.528631	0.633771	-1.57801	0.980363	0.982561	-1.01774	0.338301	0.493946	-2.02451	0.921348	1.07312	0.740176	0.585847	0.718852	1
cg07114627	GNAT2	0.669779	0.671023	1.23364	1.23364	0.0954216	0.406458	-2.46028	0.628476	1.27077	1.27077	0.928643	1.045	1.045	0.78575	1.14329	1.14329	0.388792	0.647875	-1.54351	0.945668	0.967061	-1.03406	0.371887	1.56919	1.56919	0.649404	0.798582	-1.25222	0.740165	2.83123	3.40012	1
cg07751341	ASNA1	0.669793	0.609343	1.07532	1.07532	0.616229	1.07371	1.07371	0.216117	0.832429	-1.2013	0.842592	0.972375	-1.02841	0.350152	0.87328	-1.14511	0.151271	0.805198	-1.24193	0.588817	1.07993	1.07993	0.583252	0.924902	-1.0812	0.78734	0.962619	-1.03883	0.740146	0.232711	0.279477	1
cg03181899	PDLIM3;PDLIM3	0.66981	0.486241	0.840443	-1.17972	0.6753128	1.01024	1.01024	0.155222	1.48152	1.48152	0.246078	0.754272	-1.32561	0.8103	0.945631	-1.0575	0.437646	0.831889	-1.20203	0.853291	0.93754	-1.06434	0.877095	1.03648	1.03648	0.6416308	0.896757	-1.11513	0.740121	0.634867	0.760796	1
cg08677932	C3orf50	0.669811	0.473137	0.879265	-1.13733	0.256942	1.23213	1.23213	0.435238	1.15079	1.15079	0.265051	0.814706	-1.22764	0.838029	0.964533	-1.03677	0.900289	1.02236	1.02236	0.482019	0.857016	-1.15338	0.726407	0.939912	-1.06393	0.9603138	1.18047	1.18047	0.74012	0.364862	0.438202	1
cg19878017	MIR692B	0.669811	0.949341	0.965151	-1.03611	0.643117	1.29756	1.29756	0.441624	0.645311	-1.54964	0.988595	1.00801	1.00801	0.0641126	0.313016	-3.19473	0.803389	0.870002	-1.14942	0.807252	1.14621	1.14621	0.86154	1.10237	1.10237	0.359026	0.590666	-1.693	0.740119	3.65315	4.38746	1
cg05933780	ACOD;PHF5A	0.669813	0.206431	0.777249	1.28652	0.0987001	0.1437945	-4.95412	0.844559	0.94431	-1.06021	0.429929	0.791522	-1.26339	0.997533	0.00402	-1.00402	0.955114	0.863071	-1.15821	0.831252	0.939954	-1.06388	0.872224	1.06753	1.06753	0.72438	1.108319	1.108319	0.740117	0.987001	1.18542	1
cg14856458	HIC2	0.669824	0.998214	1.00047	1.00047	0.478144	0.860634	-1.16193	0.391776	0.833093	-1.20035	0.354517	1.21926	1.21926	0.366744	1.21286	1.21286	0.729039	0.930182	-1.07506	0.242595	0.775293	-1.28984	0.955696	1.01163	1.01163	0.279597	0.791406	-1.26357	0.740101	0.507727	0.6098	1
cg07056506	MCART6;ZCCHC18;ZCCHC18;ZCCHC18	0.66983	0.187266	0.107724	-9.28302	0.279788	0.166761	-5.99661	0.847161	0.735194	-1.36019	0.267865	0.29627	0.29627	0.618988	2.22376	2.22376	0.328158	0.200079	-4.99802	0.819856	0.695143	-1.43855	0.720772	0.564302	-1.7721	0.957874	0.919239	-1.08786	0.740092	29.7894	35.7785	1
cg25450200	SEZ6;SEZ6	0.669832	0.687386	0.75343	-1.32726	0.427332	1.76333	1.76333	0.078282	3.92169	3.92169	0.0641444	0.700829	-1.42688	0.306679	0.209733	2.09733	0.960874	1.09625	1.09625	0.0960246	0.946240	-1.03493	0.556591	1.51612	1.51612	0.78487	1.21107	1.21107	0.740088	5.74144	6.8958	1
cg00038877	CABC1	0.669839	0.872913	0.928296	-1.07734	0.972115	0.983882	-1.01638	0.548468	1.32606	1.32606	0.991508	0.992225	-1.00379	0.557443	1.32606	1.32606	0.769046	1.09135	1.09135	0.0802694	1.240551	1.24055	1.24055	0.660292	0.814298	-1.22823	0.703058	0.652097	-1.53351	0.740079	2.53217	3.04132	1
cg12853539	HDDC2	0.669841	0.282769	0.321566	-3.10978	0.94663	1.07042	1.07042	0.368439	2.5576	2.5576	0.714066	0.68792	-1.45366	0.301707	0.336994	-2.96742	0.380657	0.400707	-2.49559	0.211229	0.262123	-3.815	0.459796	0.465308	-2.14911	0.394839	0.412349	-2.42513	0.740077	12.112	14.5475	1
cg12513795	C5orf59	0.669857	0.957805	0.992302	-1.00776	0.178451	1.12222	1.12222	0.800357	1.03707	1.03707	0.637655	1.07174	1.07174	0.911542	0.98753	-1.01263	0.402265	1.10723	1.10723	0.825002	1.03287	1.03287	0.615988	1.07257	1.07257	0.0676697	1.34792	1.34792	0.740053	0.250017	0.300299	1
cg01198204	MRAP;MRAP	0.669863	0.154608	0.858909	-1.16482	0.406716	0.918398	1.09036	0.496376	1.63589	-1.61158	0.188862	0.847886	1.00656	1.00656	0.903042	-1.10787	0.943779	1.00753	1.00753	0.961886	0.960607	1.04528	1.04528	0.884306	1.01467	1.01467	0.740044	0.117315	0.140911	1
cg04796525	JAM3	0.669878	0.138508	0.428483	-2.33382	0.168011	0.458033	-2.18325	0.148284	0.438636	-2.27979	0.682747	0.803815	-1.24407	0.70235	0.815423	-1.22636	0.468582	0.675777	-1.47978	0.459474	0.67015	-1.4922	0.551398	0.725961	-1.37748	0.515149	0.704179	-1.42009	0.740022	3.30998	3.97584	1
cg17069739	CLIC1	0.669884	0.182745	0.368253	-2.71512	0.898213	0.913954	-1.09464	0.587362	0.679001	-1.47253	0.0803646	0.253989	1.69317	0.518836	0.634675	-1.57582	0.877684	1.11496	1.11496	0.533078	0.638359	-1.56652	0.796447	1.00757	1.00757	0.9875	1.20038	0.950087	0.956733	1.04522	0.739999	5.85075	7.02793	1
cg01037726	PNCK;PNCK	0.669901	0.354993	2.54562	2.24562	0.576732	1.61514	1.61514	0.540184	0.590394	-1.69379	0.255131	0.364175	-2.74594	0.305309	0.40556	-2.46572	0.246553	2.80172	2.80172	0.914282	1.09586	1.09586	0.949179	0.947249	-1.05569	0.96325	0.961584	-1.03995	0.73999	8.47161	10.1762	1
cg12105338	TSNARE1	0.669903	0.20368	0.685008	-1.45994	0.465998	1.23269	1.23269	0.352452	0.81252	-1.23096	0.479399	0.775473	-1.28954	0.267126	0.772881	-1.29432	0.225972	0.653549	-1.52989	0.476195	0.482112	2.07325	0.122972	0.122972	0.9223	0.972864	-1.02788	0.943995	0.767806	-1.30241	0.739973	2.72477	3	1
cg00373256	RFC4;RFC4	0.669906	0.332594	0.735925	-1.35383	0.149853	1.61437	1.61437	0.370071	0.753987	-1.32628	0.335091	0.737163	-1.35655	0.93275	1.02621	1.02621	0.545865	1.20625	1.20625	0.966733	1.02188	1.02188	0.961647	0.985356	-1.01486	0.967817	0.987699	-1.01245	0.739982	1.10295	1.3249	1
cg01868347	HNRPLL;HNRPLL	0.669914	0.799186	1.17698	1.17698	0.210424	2.32475	2.32475	0.164178	1.48424	2.87826	0.205419	2.05419	0.870154	0.110224	1.11024	1.11024	0.299001	1.98992	1.98992	0.841309	1.13672	1.13672	0.954391	1.22497	1.22497	0.993175	1.099548	-1.00548	0.739971	4.78876	5.75249	1
cg12034413	LONP1	0.669918	0.757731	0.849832	-1.17729	0.702402	0.969537	-1.03165	0.837301	1.08253	-1.07025	0.732266	1.092573	-1.09155	0.757473	1.28454	1.28454	0.722942	0.653549	-1.52989	0.476195	0.482112	2.07325	0.122972	0.122972	0.9223	0.972864	-1.02788	0.943995	0.767806	-1.30241	0.739973	2.72477	3	1
cg03732576	RFC4;RFC4	0.669906	0.332594	0.735925	-1.35383	0.149853	1.61437	1.61437	0.370071	0.753987	-1.32628	0.335091	0.737163	-1.35655	0.93275	1.02621	1.02621	0.545865	1.20625	1.20625	0.966733	1.02188	1.02188	0.961647	0.985356	-1.01486	0.967817	0.987699	-1.01245	0.739982	1.10295	1.3249	1
cg01868347	HNRPLL;HNRPLL	0.669914	0.799186	1.17698	1.17698	0.210424	2.32475	2.32475	0.164178	1.48424	2.87826	0.205419	2.05419	0.870154	0.110224	1.11024	1.11024	0.299001	1.98992	1.98992	0.841309	1.13672	1.13672	0.954391	1.22497	1.22497	0.993175	1.099548	-1.00548	0.739971	4.78876	5.75249	1
cg12034413	LONP1	0.669918	0.757731	0.849832	-1.17729	0.702402	0.969537	-1.03165	0.837301	1.08253	-1.07025	0.732266	1.092573	-1.09155	0.757473	1.28454	1.28454	0.722942	0.994519	-1.00055	0.731004	0.803038	0.953415	-1.04886	0.737104	1.03169	1.03169	0.739965	1.040285	1.048518	2.63085	3.16581	1
cg10622271	BCDIN3D	0.669927	0.360057	0.890647	-1.12278	0.631833	0.941575	-1.06205	0.606012	1.06703	1.06703	0.933131	0.989617	-1.01049	0.519996	1.08473	1.08473	0.378263	0.893388	-1.11933	0.104323	0.801376	-1.24785	0.63345	0.941848	-1.06174	0.691175	1.05106	1.05106	0.739953	0.182247	0.21893	1
cg04324179	ZDHHC13;ZDHHC13	0.669935	0.398206	0.842216	-1.22763	0.641814	0.92557	-1.06537	0.514941	0.845203	-1.18315	0.553732	0.858407	-1.16483	0.280239	1.16572	1.16572	0.249302	1.36412	1.36412	0.457383	0.822533	-1.21576	0.741048	0.929985	-1.07527	0.939948	0.960242	1.041093	0.739942	0.250017	0.300299	1
cg09575114	C8orf68	0.669936	0.474828	0.73787	1.27387	0.684336	1.14584	1.14584	0.803716	0.920401	-1.08648	0.625255	1.17815	1.17815	0.741861	1.9046	1.9046	0.711145	1.13189	1.13189	0.081708	0.920951	-1.08557	0.703626	0.880467	-1.13576	0.74031	1.27714	1.27714	0.739938	1.29098	1.56167	1
cg05143420	MTHFD1	0.669949	0.159679	0.61494	-1.62618	0.350153	0.732564	-1.36507	0.8993	0.959859	-1.04182	0.924573	0.969821	-1.03112	0.455503	0.781947	-1.27886	0.993292	1.00272	1.00272	0.25068	1.47464	1.47464	0.496551	1.25032	1.25032	0.858736	1.05935	1.05935	0.739921	1.22717	1.47423	1
cg17142664	IMMP2L	0.669951	0.753184	0.907105	1.10262	0.164018	0.8728032	-1.14539	0.464612	0.728353	-1.37243	0.0990502	0.982652	-1.0182	0.557982	1.36311	1.36311	0.557982	1.36311	1.36311	0.557982	1.36311	1.36311

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg11603364	ZNF60	0.670845	0.509276	0.726525	-1.95562	0.275839	1.75843	1.75843	0.490315	0.705138	-1.41767	0.810867	0.88748	-1.12679	0.155899	0.469582	-2.12955	0.923704	0.953424	-1.04885	0.666288	0.805714	-1.24114	0.23489	0.537987	-1.85878	0.565575	0.748861	-1.33536	0.738625	2.90014	3.490214	1
cg05163663	FRMD4A	0.670847	0.405345	0.652572	-1.5324	0.656353	1.25173	1.25173	0.509137	1.39901	1.39901	0.165023	0.47591	-2.10124	0.900999	1.06438	1.06438	0.896417	1.06748	1.06748	0.585265	2.02246	2.02246	0.868369	1.08671	1.08671	0.862218	0.916594	-1.091	0.738623	2.94041	3.538611	1
cg12299829	NIPAL3;NIPAL3	0.670852	0.356936	1.14635	1.14635	0.697303	1.05796	1.05796	0.369668	0.875633	-1.14203	0.47131	1.11141	1.11141	0.804451	1.03641	1.03641	0.552635	1.09046	1.09046	0.915163	0.984756	-1.01548	0.503658	1.10278	1.10278	0.09490 67	1.30286	1.30286	0.736515	0.243089	0.292546	1
cg15994999	GEMIN5	0.670863	0.158965	0.767439	-1.30307	0.797604	1.04622	1.04622	0.690906	1.07281	1.07281	0.773322	0.941615	-1.06201	0.874693	0.972615	-1.02814	0.77563	0.905831	-1.10352	0.342252	0.843526	-1.18775	0.536456	1.11636	1.11636	0.25915	1.22999	1.22999	0.7386	0.361689	0.435285	1
cg01601470	POLN	0.670867	0.393653	1.26125	1.26125	0.17182	0.67951	-1.47165	0.569211	1.16511	1.16511	0.890862	0.964188	-1.03714	0.221086	0.710567	-1.40733	0.83313	1.05764	1.05764	0.648687	1.12958	1.12958	0.693573	0.900152	-1.11092	0.477932	0.825592	-1.21125	0.738594	0.825417	0.99338	1
cg07206725	C2orf43;CDK13;CDK13	0.670887	0.636272	1.06694	1.06694	0.532116	1.08989	1.08989	0.778363	1.03913	1.03913	0.873841	1.02185	1.02185	0.212132	1.19575	1.19575	0.958991	1.00702	1.00702	0.167813	1.22136	1.22136	0.984283	1.00268	1.00268	0.106283	1.27115	1.27115	0.738589	0.216434	0.260478	1
cg08164334	ALDH4A1;ALDH4A1	0.670876	?	?	?	0.50477	2.10727	2.10727	0.149722	0.163253	-6.12546	0.82428	1.273	1.273	0.630482	0.58884	-1.69825	0.607548	0.567401	-1.76242	?	?	?	0.8424	1.24109	1.24109	0.917035	1.11956	1.11956	0.718808	0.95063	0.719496	1
cg16306613	C20orf111;C20orf111	0.670888	0.797345	0.954459	-1.04771	0.417209	0.960553	-1.16204	0.697122	0.916569	-1.07342	0.8469	1.02561	1.02561	0.243772	1.24721	1.24721	0.565709	0.900168	-1.1105	0.202995	0.783935	-1.27563	0.403675	0.850597	-1.16741	0.462531	1.14507	1.14507	0.738563	0.383798	0.461915	1
cg00035921	C7orf50;C7orf50;C7orf50	0.670895	0.434115	0.534137	-1.88169	0.143497	3.60374	3.60374	0.213897	2.82311	2.82311	0.242724	1.2981	1.2981	0.458371	0.563391	-1.78129	0.755035	0.78043	-1.28135	0.924502	1.07797	1.07797	0.938608	0.940811	-1.06291	0.966064	0.966863	-1.03427	0.738554	1.73866	2.833246	1
cg23616383	MPDU1;MPDU1;MPDU1	0.670914	0.639275	0.909869	-1.09906	0.328938	1.22336	1.22336	0.453291	0.858254	-1.16556	0.811839	0.953405	-1.04887	0.233576	1.28387	1.28387	0.728909	1.07209	1.07209	0.939803	0.985002	-1.01523	0.665022	0.916527	-1.09107	0.17301	1.33659	1.33659	0.738526	0.46824	0.563573	1
cg00187671	SLC5A8;IQCB1;SLC5A8;IQ	0.670916	0.784729	1.03208	-1.03208	0.76	1.07926	1.07926	-1.7828	0.518418	1.12051	1.12051	0.191087	0.699755	0.0124	1.42726	1.42726	0.73169	1.03169	1.03169	0.462904	0.938848	-1.0836	0.448802	0.914483	-1.09311	0.738523	0.155514	0.187177	1
cg18625627	TSHR;TSHR;TSHR	0.670916	0.128912	0.234737	-4.26008	0.15603	2.26742	-3.82055	0.487169	0.536061	-1.86545	0.541138	0.975839	-1.727	0.328197	0.410092	-2.43848	0.975836	0.973603	-1.02711	0.278913	0.360976	-2.70288	0.602028	0.628322	-1.59154	0.963176	1.04162	1.04162	0.738523	1.92424	10.982	1
cg12604998	ABCB8	0.670929	0.865096	0.973315	-1.02745	0.350572	1.16513	1.16513	0.13564	1.29152	1.29152	0.455962	1.12837	1.12837	0.631271	1.07946	1.07946	0.979609	1.15416	1.15416	0.74297	0.948917	-1.05382	0.834381	1.03387	1.03387	0.159712	1.26996	1.26996	0.738505	0.299356	0.356199	1
cg18398557	KCNQ4;KCNQ4	0.670929	0.582598	1.41281	1.41281	0.722617	0.800992	-1.04845	0.624116	0.952387	-1.16001	0.838072	1.13587	1.13587	0.091379	0.314273	-3.18195	0.343334	0.83636	1.83636	0.516286	1.50645	1.50645	0.782526	0.841748	-1.188	0.984794	0.988205	-1.01194	0.738505	0.43389	0.545715	1
ch.10.34553.3F	NUDT5	0.670931	0.276392	0.458179	-2.18255	0.64551	0.726468	-1.37618	0.303055	0.4793	-2.08638	0.29224	0.470807	-2.12401	0.819778	1.17037	1.17037	0.988534	1.00996	1.00996	0.095352	0.282755	-3.53661	0.46092	0.596018	-1.6778	0.764484	0.812914	-1.23014	0.738501	0.55848	0.6904	1
cg18328446	CYP4A1	0.670947	0.231077	0.706632	-1.41516	0.478404	0.819218	-1.22055	0.363112	1.29481	1.29481	0.747204	0.944442	-1.05951	0.764797	0.920405	-1.08648	0.915393	0.976548	-1.02402	0.673758	0.889204	-1.1246	0.859906	1.05009	1.05009	0.105004	0.160508	1.51346	1.51346	0.738478	0.893638	1.07565	1
cg23212590	FOXJ3	0.670959	0.797802	0.904354	-1.10576	0.572114	1.25052	1.25052	0.294872	1.53023	1.53023	0.898423	0.951218	-1.05128	0.335498	1.47539	1.47539	0.118503	1.94187	1.94187	0.291818	1.53468	1.53468	0.479248	1.32533	1.32533	0.744504	0.879802	-1.13662	0.738461	1.79353	2.15887	1
cg21415068	TROAP;TROAP	0.670964	?	?	?	0.683675	1.78478	1.78478	0.144402	0.37933	0.37933	0.642647	0.511375	-1.94865	?	?	?	0.905357	0.849817	-1.18509	0.913248	0.887272	-1.12705	?	?	?	?	0.648966	1.61896	1.61896	28.697	1
cg22609829	CCNI1	0.670966	0.675304	1.24982	1.24982	0.848231	0.903542	-1.10676	0.924639	1.05136	1.05136	0.421454	1.34453	1.34453	0.624783	1.29813	1.29813	0.49014	1.44928	1.44928	0.040715	3.35356	3.35356	0.998398	1.00106	1.00106	0.903449	1.06635	1.06635	0.73845	3.27717	3.9448	1
cg17938383	SHSA6	0.670979	0.705232	1.36036	1.36036	0.184423	3.12699	3.12699	0.958979	0.959203	-1.04253	0.953986	1.04784	1.04784	0.517062	1.70223	1.70223	0.47638	1.7975	1.7975	0.293525	2.41664	2.41664	0.354645	2.16221	2.16221	0.264889	0.39025	-2.56246	0.738432	7.66943	9.223208	1
cg13603099	RASSF4	0.670998	0.471954	0.810346	-1.23403	0.739035	1.76936	1.76936	-1.42463	0.553194	1.01701	1.01701	0.453604	1.24218	1.24218	0.838883	1.19367	0.539803	1.14256	1.14256	0.139567	1.09818	1.09818	0.759067	0.847246	-1.18041	0.845629	0.998518	-1.00148	0.738507	0.965931	1.16274	1
cg17676806	TOLLIP DBND2;DBND2;SYS1-DBND2;DBND2;DBND2;DBND2-D	0.67098	0.377835	0.718823	-1.39116	0.371355	1.39778	1.39778	0.511725	1.27483	1.27483	0.992131	1.0036	1.0036	0.212652	0.619457	1.61432	0.226025	0.628867	-1.59016	0.951923	0.978242	-1.02224	0.407793	0.76516	-1.30692	0.68466	0.861598	-1.16063	0.73843	1.55679	1.874	1
cg06721796	BND2	0.670985	0.797793	0.825212	-1.21181	0.471695	1.72949	1.72949	0.665261	0.721996	-1.38505	0.32413	2.14253	2.14253	0.649534	1.40822	1.40822	0.235025	2.53797	2.53797	0.23095	2.51469	2.51469	0.174847	2.94418	2.94418	0.465337	1.74367	1.74367	0.738424	0.548448	7.88283	1
cg11976736	EID2	0.670988	0.899428	0.936216	-1.06759	0.782995	0.717341	-1.39577	0.205577	0.513345	1.94286	1.86286	0.961911	1.04338	1.04338	0.290403	0.412969	-2.42149	0.567232	0.567232	0.881375	1.01927	1.01927	0.817258	0.222646	-4.49144	0.250537	3.08587	3.08587	0.738419	10.3006	12.3996	2
cg18739392	DNAJC18	0.670994	0.651839	0.820762	-1.21838	0.09158 93	0.445818	-2.24307	0.413589	1.43832	1.43832	0.932192	1.0377	1.0377	0.48235	0.733073	-1.36412	0.362055	0.665371	-1.50292	0.862508	1.07829	1.07829	0.667219	1.20696	1.20696	0.884501	0.938746	-1.06525	0.73841	2.2116	2.6623	1
cg24275356	BID;BID2;BID2	0.671001	0.389882	0.732458	-1.36529	0.691602	0.972069	-1.02783	0.552085	0.865956	-1.03524	0.633406	1.1843	1.1843	-1.18506	0.947463	1.02856	1.12556	0.778119	0.905003	-1.10457	0.702585	1.0721	1.0721	0.62662	1.13553	1.13553	0.884284	1.14018	1.14018	0.752799	0.18718	1
cg27565067	RPH3AL	0.671011	0.312734	0.243485	-4.10703	0.918553	0.870735	-1.14846	0.674044	0.564218	-1.77236	0.257115	0.20188	-4.95344	0.069255	0.369431	-2.70615	0.837562	0.757507	-1.32012	0.398523	0.310551	-3.22008	0.452586	0.355142	-2.81578	0.619728	0.508254	1.96752	0.738385	21.4043	25.7671	1
cg19396677	BUD13;BUD13	0.671029	0.574405	0.772704	-1.29416	0.121857	2.14311	2.14311	0.280896	1.6644	1.6644	0.848165	0.916559	-1.09104	0.60611	1.26671	1.26671	0.872894	0.929807	-1.07549	0.332585	0.634861	-1.57515	0.862454	1.08202	1.08202	0.984414	0.990116	-1.00892	0.738359	2.41626	2.90887	1
cg22330512	WSCD2	0.671035	0.783875	0.89785	-1.11373	0.39375	1.56457	1.56457	0.562204	1.15175	1.15175	0.671758	0.883682	1.2402	-1.14206	0.947563	1.02856	1.2402	0.613764	1.1389	1.1389	0.907376	1.07051	1.07051	0.14936	1.3936	1.3936	0.484197	1.18688	1.18688	0.738352	0.679151	0.817618	1
cg25482900	FBLL1	0.671061	0.228295	1.37115	1.37115	0.290288	0.76036	-1.31657	0.859	0.956857	-1.04509	0.333255	1.28292	1.28292	0.779383	0.9323	-1.07262	0.973068	0.991608	-1.00846	0.565512	0.865011	-1.15606	0.68627	1.10668	1.10668	0.263483	1.33774	1.33774	0.738313	0.728063	0.87723	1
cg07744128	CCDC51;CCDC72	0.671078	0.766333	0.915298	-1.09267	0.637118	0.975341	-1.02592	0.321469	1.08316	1.08316	0.144551	0.998537	-1.00177	0.56541	1.1098	1.1098	0.979104	1.02191	1.02191	0.738324	0.954913	1.04688	1.04688	0.959097	-1.04183	0.834491	1.08243	1.08243	0.738326	0.604474	0.74	1
cg06453853	C11orf80	0.67107	0.366033	1.24063	1.24063	0.354543	1.24749	1.24749	0.520923	1.16308	1.16308	0.437407	1.20192	1.20192	0.22955	1.34006	1.34006	0.817114	0.947638	-1.05526	0.898947	0.970933	-1.02994	0.404452	1.21903	1.21903	0.277266	0.769244	-1.29998	0.7383	0.6303 13	0.758876	1
cg01430082	PDIK1L;PDIK1L;PDIK1L;PDIK1L	0.671073	0.587627	1.1925	1.1925	0.37002	0.741782	-1.34448	0.85408	1.06099	1.06099	0.556712	1.21062	1.21062	0.832529	1.07046	1.07046	0.432604	0.770317	-1.29163	0.589279	0.839239	-1.19156	0.392903	1.32501	1.32501	0.141449	1.66268	1.66268	0.738296	1.20894	1.45553	1
cg09763874	SLAIN1;SLAIN1	0.671085	0.65631	1.06333	1.06333	0.597827	1.10116	1.10116	0.415751	1.43251	1.43251	0.342211	1.42321	1.42321	0.306662	1.56678	1.56678	0.172809	0.540425	-1.85065	0.703309	0.852564	1.17289	1.17289	0.547426	1.82705	1.82705	0.940889	1.02	1.0402	1.4021	1.7965	1
cg09546172	SLC37A1	0.671093	0.523772	0.755138	-1.32426	0.570506	1.2775	1.2775	0.361459	1.50346	1.50346	0.8914	1.06118	1.06118	0.085921	0.438264	2.28173	0.567415	0.777821	-1.28564	0.907102	0.950522	-1.05205	0.92938	0.962202	-1.03928	0.72377	1.16678	1.16678	0.738268	2.20931	2.66005	1
cg27406618	FAM170B;FAM170B	0.671097	0.615356	1.09369	1.09369	0.571676	0.79358	-1.32739	0.760156	0.830766	-1.20171	0.996028	0.93247	1.00247	0.000504	0.462268	2.16368	0.763615	0.809099	-1.16271	0.803686	0.884898	-1.12997	0.442557	0.840204	1.19007	0.44	1.46096	1.46096	0.738267	2.87105	3.45481	1
cg12554290	C6orf62	0.671095	0.817568	1.08212	1.08212	0.435561	1.33123	1.33123	0.817814	0.924208	-1.08201	0.736631	1.12221	1.12221	0.133509	0.71125	1.40598	0.986133	1.00595	1.00595	0.432178	0.76047	-1.31498	0.911591	1.79238	1.79238	0.552475	1.22787	1.22787	0.738264	1.36426	1.6426	1
cg17217665	SLC29A1;SLC29A1	0.671109	0.962153	0.964979	-1.03629	0.438024	0.551945	-1.81178	0.532575	0.621955	-1.60783	0.53336	1.60634	1.60634	0.626613	0.691889	-1.44532	0.18471	2.87742	2.87742	0.646671	1.41445	1.41445	0.243419	2.50171	2.50171	0.43585	1.81711	1.81711	0.738244	6.59916	7.94577	1
cg14063809	SMCHD1	0.671116	0.675314	1.08406	1.08406	0.513311	0.750288	-1.33264	0.647316	0.831361	-1.20284	0.647316	0.836762	1.19537	-1.24738	0.916028	1.09187	0.764537	0.808503	-1.23707	0.876808	0.884898	-1.12997	0.442557	0.840204	1.19007	0.44	1.46096	1.46096	0.738267	2.87105	3.45481	1
cg12554290	C6orf62	0.671095	0.817568	1.08212	1.08212	0.435561	1.33123	1.33123	0.817814	0.924208	-1.08201	0.736631	1.12221	1.12221	0.133509	0.71125	1.40598	0.986133	1.00595	1.00595	0.432178	0.76047	-1.31498	0.911591	1.79238	1.79238	0.552475	1.22787	1.22787	0.738264	1.36426	1.6426	1
cg17217665	SLC29A1;SLC29A1	0.671109	0.962153	0.964979	-1.03629	0.438024	0.551945	-1.81178	0.532575	0.621955	-1.60783	0.53336	1.60634	1.60634	0.626613	0.691889	-1.44532	0.18471	2.87742	2.87742	0.646671	1.41445	1.41445	0.243419	2.50171	2.50171	0.43585	1.81711	1.81711	0.738244	6.59916	7.94577	1
cg14063809	SMCHD1	0.671116	0.675314	1.08406	1.08406	0.513311	0.750288	-1.33264	0.647316	0.831361	-1.20284	0.647316	0.836762	1.19537	-1.24738	0.916028	1.09187	0.764537	0.808503	-1.23707	0.876808	0.884898	-1.12997	0.442557	0.840204	1.19007	0.44	1.46096	1.46096	0.738267	2.87105	3.45481	1
cg10672880	GPR172A	0.671127	0.997801	0.998762	-1.00124	0.169204	0.93148	1.93148	0.148577	2.0065	2.0065	0.892487	1.06266	1.06266	0.691309	0.835784	-1.19648	0.799368	1.12128	1.12128	0.228998	1.76366	1.76366	0.994609	0.9970 14	-1.003	0.753688	0.868075	-1.15197	0.738219	2.36183	2.84388	1
cg24740515	SKI	0.671142	0.979682	1.02155	1.02155	0.62768	0.81638	-1.22453	0.45241	0.883161	1.1433	1.1433	0.889131	1.06056	-1.31476	0.206332	2.21491	0.904057	1.03488	1.03488	0.108458	1.22485	1.22485	0.733652	0.93365	-1.07096	0.680044	0.831896	-1.20268	0.738238	1.08043	1.07565	1
cg03247389	GABARAPL1	0.671143	0.793014	1.07701	1.07701	0.359709	0.766687	-1.30431	0.223973	1.43392	1.43392	0.381394	1.28825	1.28825	0.512044	0.828939	-1.20636	0.917944	0.971345	-1.0295	0.537173	0.838378	-1.19278	0.342087	0.758688	-1.31807	0.520408	1.20178	1.20178	0.738195	0.930559	1.12052	1
cg12419944	APC2;UTP11L	0.671157	0.84497	0.97117	-1.36377	0.709859	0.665639	-1.50223	0.524178	0.750288	1.33564	1.33564	0.647316	0.831361	-1.20284	0.916028	1.09187	0.764537	0.808503	-1.23707	0.876808	0.884898	-1.12997	0.442557	0.840204	1.19007	0.44	1.46096	1.46096	0.738267	2.87105	3.45481	1
cg10672880	GPR172A	0.671127	0.997801	0.998762	-1.00124	0.169204	0.93148	1.93148	0.148577	2.0065	2.0065	0.892487	1.06266	1.06266	0.691309	0.835784	-1.19648	0.799368	1.12128	1.12128	0.228998	1.76366	1.76366	0.994609	0.9970 14	-1.003	0.753688	0.868075	-1.15197	0.738219	2.36183	2.84388	1
cg24740515	SKI	0.671142	0.979682	1.02155	1.02155	0.62768	0.81638	-1.22453	0.45241	0.883161	1.1433	1.1433	0.889131	1.06056	-1.31476	0.206332	2.21491	0.904057	1.03488	1.03488	0.108458	1.22485	1.22485	0.733652	0.93365	-1.07096	0.680044	0.831896	-1.20268	0.738238	1.08043	1.07565	1
cg03247389	GABARAPL1	0.671143	0.793014	1.07701	1.07701	0.359709	0.766687	-1.30431	0.223973	1.43392	1.43392	0.381394	1.28825	1.28825	0.512044	0.828939	-1.20636	0.917944	0.971345	-1.0295	0.537173	0.838378	-1.19278	0.342087	0.758688	-1.31807	0.520408	1.20178	1.20178	0.738195	0.930559	1.12052	1
cg12419944	APC2;UTP11L	0.671157	0.84497	0.97117	-1.36377	0.709859	0.665639	-1.50223	0.524178	0.750288	1.33564	1.33564	0.647316	0.831361	-1.20284	0.916028	1.09187	0.764537	0.808503	-1.23707	0.876808	0.884898	-1.12997	0.442557	0.840204	1.19007	0.44	1.46096	1.46096	0.738267	2.87105	3.45481	1
cg18258966	FAM129C;FAM129C	0.671156	0.857161	1.13712	1.13712	0.835717	1.15963	1.15963	0.925813	0.935735	-1.06868	0.691264	0.752245	-1.32935	0.832154	0.859532	-1.16342	0.358657	1.96046	1.96046	0.13176	0.313392	-3.19089	0.27723	2.23882	2.23882	0.46369	1.70224	1.70224	0.738177	5.94669	7.16081	1
cg07489569	RPL37	0.671177	0.440493	0.691747	-1.90909	0.158541	1.48454	1.48454	0.615921	0.751351	-1.32994	0.74	?	?	?	0.629633	1.32715	0.481955	1.49457	1.49457	0.177241	1.78731	1.78731	0.208979	0.475726	-2.10205	0.704668	0.544145	-1.83775	0.208979	0.475726	-2.10205	0.704668	1
cg06314765	SYNPR	0.67718	0.734867	0.899788	-1.11137	0.227316	0.674536	-1.4825	0.247824	0.687061	-1.45547	0.460744	1.26275	1.26275	0.667281	0.874284	-1.14379	0.301708	3.19431	3.19431	0.734438	0.899628	-1.11157	0.393829	0.762362	-1.31171	0.905917	1.03741	1.03741	0.738142	1.1282	1.35861	1
cg02924836	MIR25;MCM7;MCM7;MIR106B;MIR93	0.67719	0.710543	0.826454	-1.20999	0.733511	1.19093	1.19093	0.302923	1.7257	1.7257	0.789201	0.871961	-1.14684	0.267685	0.554116	-1.80468	0.219606	0.516829	-1.93488	0.219352	0.516622	-1.93565	0.849882	0.907662	-1.10173	0.998253	1.00112	1.00112	0.738127	3.05635	3.6806	1
cg26343258	TGFB2;TGFB2	0.671191	0.681857	0.852912	-1.17245	0.14092	1.84279	1.84279	0.77253	1.11838	1.11838	0.574934	0.801565	-1.24445	0.166724	0.560243	-1.76665	0.877157	0.94204	-1.06153	0.694619	0.85873	-1.16451	0.712689	1.15346	1.15346	0.809049	1.09796	1.09796	0.738126	1.74178	2.09754	1
cg16048161	DNAJC24;DCDC1;DCDC1	0.671228	0.376303	1.24599	1.24599	0.642274	0.864779	-1.16095	0.288089	0.732207	1.36056	1.36056	0.891377	0.952584	0.049678	0.705452	-1.41755	0.329544	0.607265	-1.64614	0.31248	0.724474	1.38045	1.38045	0.940629	-1.05303	0.486684	1.28566	1.28566	0.738072	1.4751	1.77943	1
cg23708211	ELAC1	0.671233	0.567117	0.64356	-1.55386	0.667445	1.39003	1.39003	0.424102	1.8626	1.8626	0.83813	1.16865	1.16865	0.086126	0.235796	4.24095	0.589312	0.660184	-1.51473	0.852162	0.867501	-1.15274	0.683807	1.36612	1.36612	0.474404	0.574494	-1.74066	0.738065	6.78543	8.17203	1
cg00753478	LDHB	0.671243	0.481546	0.689473	-1.43704	0.795832	1.14013	1.14013	0.991453	1.00542	1.00542	0.415625	1.49585	1.49585	0.189649	0.492303	2.03127	0.294063	0.579234	-1.72903	0.294744	0.555514	-1.79958	0.797406	1.13936	1.13936	0.633717	1.27504	1.27504	0.738046	0.92855	1.08244	1
cg11776930	LDB3;LDB3;LDB3;LDB3;LDB3	0.671257	0.745665	0.811603	-1.23213	0.641572	1.35078	1.35078	0.877841	0.906056	-1.10368	0.944291	1.04145	1.04145	0.040308	0.532805	1.87686	0.359674	0.82949	1.82949	0.12781	2.87478	2.87478	0.718117	2.26175	2.26175	0.312269	1.95506	1.95506	0.7384	0.803483	5.79123	1
cg02891314	GPTP2	0.671254	0.401548	2.90911	2.90911	0.0877234	10.4242	10.4242	0.454944	2.57684	2.57684	0.236841	4.67135	4.67135	0.985316	0.977371	-1.02315	0.966727	0.96821	-1.03283	0.767491	0.786662	-1.25524	0.123126	0.274273	-3.646	0.766682	0.794173	-1.25917	0.737934	0.710343	8.44451	1
cg26585326	FAM20A;FAM20A	0.671255	0.496647	0.830158	-1.20464	0.734403	0.818468	-1.22186	0.650334	0.604865	-1.65326	0.760959	1.4003149	1.4003149	0.000493	0.313603	3.18936	0.945555	0.981748	-1.01859	0.434411	0.2402	4.16296	0.795402	1.25723	1.25723	0.379017	0.783934	-1.27562	0.738013	0.853092	1.02421	1
cg19623054	MYCN	0.671267	0.564687	1.52811	1.52811	0.167866	0.79685	-1.26875	0.621677	1.43661	1.43661	0.211942	2.60566	2.60566	0.918781	1.07712	1.07712	0.29729	2.1968	2.1968	0.165474	2.93703	2.93703	0.495625	1.6552	1.6552	0.884107	0.899215	-1.11208	0.738016	0.20056	0.74684	1
cg13695283	KLF12	0.671273	0.72	?	?	?	0.726526	1.37178	1.37178	0.726526	1.37178	0.595747	0.83603	-1.19597	0.83603	-1.19597	0.83603	1.16516	1.16516	0.858733	0.855413	1.94503	0.096334	1.00325	0.997	0.951403	1.94503	0.096334	1.00325	0.951403	0.997	0.951403	1.94503	0.096334	1.00325	0.951403	0.997	0.951403	1.94503	0.096334	1.00325	0.951403	0.997	0.951403	1.94503

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	p-value(5477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(5T vs. N)	Fold-Change(5T vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg22344912	MESDC2	0.6719	0.39268	0.884359	0.48559	-1.18153	0.40574	0.850406	-1.17591	0.866922	0.968556	-1.01246	0.271706	0.24355	1.24355	0.97349	1.00635	1.00635	0.206174	2.775674	-1.2852	0.731638	0.936524	-1.06778	0.359367	1.19827	1.19827	0.804433	1.0484	1.0484	0.737102	0.423652	0.510891	1
cg10307602	ZDHHC14;ZDHHC14	0.67919	0.566604	0.64714	-1.54526	0.154348	0.14392	0.14392	0.291879	2.27419	0.267146	-1.14069	0.555831	0.639156	-1.56456				0.350273	1.485627	-2.05919	0.889967	1.1096	1.1096	0.92686	1.0772	1.072	0.524797	0.616199	0.737075	0.58898	7.9461	1
cg00489902	POLE	0.671925	0.58929	0.735501	-1.35962	0.20944	0.474437	-2.10776	0.168811	0.43763	-2.28503	0.654719	1.2888	1.2888	0.446937	0.646028	-1.54792		0.951835	0.966526	-1.03463	0.534597	1.42544	1.42544	0.589711	1.35914	1.35914	0.684686	1.25874	1.25874	0.737066	3.70949	4.47237	1
cg07923325	DOCK10	0.671939	0.559619	0.901687	1.00903	0.677634	0.929294	-1.07509	0.150158	0.13074	1.33074	0.447339	0.872971	-1.14551	0.571242	1.10558	1.10558		0.278167	1.820524	-1.21337	0.467565	0.87839	-1.13845	0.98547	0.996811	-1.0032	0.812262	1.04202	1.04202	0.737047	0.359195	0.433195	1
cg25479097	C13orf35	0.671968	0.163175	0.95522	0.99532	0.40638	1.46615	1.46615	0.393126	1.48405	0.788465	1.12871	1.12871	0.898419	1.05922	1.05922			0.633306	1.24175	1.24175	0.932589	1.24309	1.7337	1.7337	0.412419	1.45866	1.73004	2.36877	2.85693	1
cg21574752	TGA13;CDP22	0.671982	0.820925	1.04375	0.43475	0.374701	1.18776	1.18776	0.49723	1.3001	1.13901	1.38442	1.38443	1.56157	1.71222	1.71222			0.406381	1.17407	-1.17407	0.267165	0.803877	-1.24397	0.472831	0.871193	-1.14785	0.303004	1.223322	1.223322	0.780384	0.416281	0.502083	1
cg24213507	GRM7;GRM7	0.671998	0.517158	1.36019	1.36019	0.182389	1.94043	1.94043	0.152773	2.04894	2.04894	0.543679	1.33365	1.33365	0.930277	0.959836	-1.04184		0.507213	0.72966	-1.3705	0.729501	1.17657	1.17657	0.482929	1.39656	1.39656	0.315754	1.62561	1.62561	0.736961	2.56106	3.08904	1
cg13225391	PTPN2-PTPN2;PTPN2	0.672022	0.906629	1.06095	1.65095	0.091401	2.15345	2.15345	0.196413	1.99181	1.99181	0.569162	1.33673	1.33673	0.519043	1.37506	1.37506		0.890217	1.07215	1.07215	0.911559	1.88323	1.88323	0.462304	1.45857	1.45857	0.814143	1.12614	1.12614	0.730236	2.96095	3.5824	1
cg15565004	C1orf159	0.672025	0.64829	1.14097	1.14097	0.597055	0.797094	-1.25456	0.585112	0.839612	-1.22009	0.38814	-1.28916	1.28916	2.275253	1.38535	1.38535		0.26777	0.717845	-1.39306	0.934363	1.10294	1.10294	0.424484	1.26393	1.26393	0.640258	0.873575	0.744273	0.962426	1.1609	1
cg01642895	ABR;ABR;ABR	0.672028	0.899066	0.944831	-1.05839	0.109143	2.18423	2.18423	0.61017	0.794578	-1.25853	0.774048	1.13738	1.13738	0.953657	1.02633	1.02633		0.668168	1.2127	1.2127	0.261209	1.68877	1.68877	0.21545	1.79152	1.79152	0.974184	1.01458	1.01458	0.736918	2.33412	2.81548	1
	ZDHHC9;WDR65;EBNA1BP2;WDR65;																													
cg17038397	WDR65;WDR65;EBNA1BP2	0.67203	0.252707	0.686049	-1.45762	0.681574	0.877988	-1.13897	0.683308	1.1381	1.1381	0.427135	0.774357	-1.29139	0.748374	0.903662	-1.10661		0.926683	1.02945	1.02945	0.608907	1.17675	1.17675	0.91811	0.968084	-1.03297	0.122716	1.69465	1.69465	0.736914	1.16098	1.4004	1
cg20046603	TRIM17;TRIM17;TRIM17;TRIM17;TRIM17	0.672051	0.759774	1.13985	1.10385	0.369953	1.31374	1.31374	0.184923	0.699649	-1.42939	0.536488	1.20384	1.20384	0.573103	0.844719	-1.18383		0.572264	1.18427	1.18427	0.548187	1.19732	1.19732	0.827071	1.06599	1.06599	0.21075	0.676484	-1.47823	0.736884	1.02513	1.23659	1
cg20053799	CYTH2;CYTH2	0.672053	0.9863994	0.99785	-1.00215	0.41206	0.899542	-1.11168	0.596114	0.934709	-1.06985	0.12967	0.813296	-1.22956	0.172391	0.832489	1.20122		0.894142	0.983335	-1.01695	0.595909	0.934673	-1.06985	0.899972	1.016	1.016	0.210287	0.846499	-1.18134	0.736882	0.185962	0.224323	1
cg12730702	SH3BP5L	0.672065	0.349353	1.18052	1.18052	0.728045	0.941637	-1.06198	0.257741	1.22562	1.22562	0.289406	1.20875	1.20875	0.916454	0.982087	-1.01824		0.752356	1.05604	1.05604	0.391645	0.859685	-1.16322	0.20219	1.26107	1.26107	0.908978	1.0199	1.0199	0.736804	0.346313	0.417762	1
cg15028243	CHOC3	0.672072	0.672672	1.48651	1.79812	0.179207	1.68717	1.68717	0.307199	1.36305	1.36305	0.705523	1.31766	1.31766	0.768681	1.14172	-1.14172		0.613314	1.16513	1.16513	0.417262	1.27494	1.27494	0.747973	1.09906	1.09906	0.495126	0.816368	-1.22501	0.736857	1.0019	1.20862	1
cg00652555	NOTCH4;GPSM3	0.672082	0.06116618	2.45371	2.45371	0.797617	0.896443	-1.11552	0.977766	1.01193	1.01193	0.931772	1.0371	1.0371	0.945721	1.02939	1.02939		0.453156	1.38419	1.38419	0.793073	1.11834	1.11834	0.45508	0.723483	-1.3822	0.786984	0.891161	-1.12213	0.736839	2.1121	2.54794	1
cg21664213	RFP1	0.672084	0.833628	1.26327	1.26327	0.473383	0.443909	2.25272	0.345667	2.95566	2.95566	0.188071	4.77474	4.77474	0.205585	4.46225	4.46225		0.282564	3.44224	3.44224	0.05945	1.63758	1.63758	0.615594	1.75606	1.75606	0.896013	1.865155	-1.15586	0.736902	14.1131	14.88	1
cg04296576	ZSWIM5	0.672086	0.806667	0.932921	-1.07197	0.591651	1.16573	1.16573	0.565928	0.855756	-1.16856	0.307768	1.34847	1.34847	0.422453	0.792915	-1.26117		0.728521	0.906037	-1.10371	0.217332	1.44419	1.44419	0.263212	0.718702	-1.3914	0.978081	1.00781	1.00781	0.736833	0.935847	1.12897	1
cg09524455	RX2;RX2;CSorf38	0.672102	0.149376	2.91124	2.91124	0.721324	1.2809	1.2809	0.864762	0.888849	-1.12505	0.265149	2.23156	2.23156	0.583231	1.46669	1.46669		0.264258	0.44739	-2.23519	0.786192	0.828665	-1.20676	0.729698	0.786818	-1.27094	0.811263	1.17982	1.17982	0.736811	5.57542	6.72619	1
cg01240037	ZNF154A	0.672107	0.229311	4.18603	4.18603	0.594466	1.69244	1.69244	0.366447	0.779534	1.38529	1.38529	0.24733	2.40447	0.434553	2.2109	2.2109		?	?	?	0.585461	0.527489	-1.89578	0.680833	1.1656	1.1656	0.092088	1.03026	1.03026	0.727908	13.7071	18.9874	1
cg12604870	HPD	0.672111	0.370661	0.767985	-1.30211	0.359843	0.763117	-1.31041	0.321027	0.745105	-1.34209	0.619961	0.657212	-1.52158	0.137288	0.631538	-1.58344		0.373215	0.769123	-1.30018	0.907691	1.03387	1.03387	0.522742	0.830263	-1.20444	0.8769	0.956463	-1.04552	0.736798	0.96228	1.16092	1
cg16467465	YKT6	0.672123	0.608324	0.815456	-1.09281	0.902255	1.01222	1.01222	0.691055	0.96951	1.03194	1.03194	0.98951	1.03194	0.984225	1.01426	1.01426		0.718196	1.03194	1.03194	0.784775	0.947408	-1.08196	0.295855	1.20352	1.20352	0.391592	1.16184	1.16184	0.736794	0.947788	1.411147	1
cg25193077	GNG4;GNG4;GNG4	0.672132	0.47128	0.743641	-1.34474	0.761602	0.884276	-1.13087	0.981022	0.990432	-1.00966	0.532279	1.29134	1.29134	0.0536474	0.412416	2.42473		0.955468	0.977682	-1.02283	0.566877	0.79139	-1.2636	0.607921	0.811265	-1.23264	0.769656	1.888089	-1.12601	0.736767	1.90633	2.29993	1
cg13072611	SRPR8	0.672139	0.788253	1.23641	1.23643	0.8366686	4.52356	4.52356	0.200858	2.84318	2.84318	0.914985	1.08781	1.08783	0.90401	1.23366	1.23366		0.90094	0.90449	-1.10116	0.550768	0.621339	-1.60943	0.980675	0.983086	-1.01928	0.507325	1.60946	1.60946	0.736758	7.25253	8.75009	1
cg27581991	DLGAP2	0.672143	0.910361	0.940319	-1.06403	0.449599	0.518508	1.92708	0.262747	3.81697	3.81697	0.243982	4.09943	4.11739	0.353153	2.83111	2.83111		0.734082	1.60598	1.60598	0.494493	0.884183	-1.13099	0.351984	0.732903	-1.36455	0.782681	0.924243	-1.08196	0.295855	1.20352	1.20352	0.391592	1.16184	1.16184	0.736794	0.947788	1.411147	1
cg13222214	C7orf31	0.672144	0.716048	0.778841	-1.28396	0.298781	2.0894	2.0894	0.610331	1.42141	1.42141	0.726014	1.27217	1.27217	0.168441	0.366354	-2.7296		0.846764	1.14183	1.14183	0.922089	0.935257	-1.06922	0.207525	0.402778	-2.48276	0.906733	1.0835	1.0835	0.73675	5.4626	6.59064	1
cg19823707	SLC35C2;SLC35C2;SLC35C2	0.672151	0.619812	0.729037	-1.37109	0.240319	0.645098	1.28251	0.941455	1.04784	1.04784	0.607204	1.39235	1.39235	0.444487	0.61075	-1.63733		0.641627	1.74535	-1.74824	0.255496	0.844684	-1.21507	0.823357	0.984558	-1.01578	0.761731	0.845444	0.57309	1.74535	1.74535	0.736759	4.75444	5.73639	1
cg20376421	MYL6B	0.67216	0.753208	1.09688	1.09688	0.327453	1.34497	1.34497	0.72675	1.10833	1.10833	0.701391	1.11958	1.11958	0.383301	1.29966	1.29966		0.240759	1.43141	1.43141	0.211493	0.679828	-1.47096	0.556383	0.719029	1.1909	0.290179	0.356077	1.32088	1.32088	0.736727	1.00291	1.21005	1
cg18503793	TEF	0.672167	0.11559	0.806415	-1.24006	0.372415	0.891203	-1.12208	0.732257	1.04414	1.04414	0.42815	1.10711	1.10711	0.93796	1.00984	1.00984		0.86973	0.979557	-1.02086	0.654265	0.944878	-1.05834	0.436816	1.10492	1.10492	0.536122	0.924222	-1.08199	0.736717	0.184598	0.222728	1
cg12306156	THRB;THRB;THRB	0.672218	0.233011	1.38206	1.38206	0.546411	1.10651	1.10651	0.324644	1.08312	1.08312	0.744913	1.05917	1.05917	0.985813	1.00461	1.00461		0.631224	1.1333	1.1333	0.147558	0.668937	-1.49491	0.437917	1.13049	-1.09668	0.736697	0.781165	0.842543	1
cg24807146	ARAP1;ARAP1;ARAP1	0.672181	0.405348	0.798366	-1.25216	0.560471	1.16848	1.16848	0.356586	0.782015	-1.27875	0.853293	1.05018	1.05018	0.950452	0.62683	-1.59533		0.979585	0.993255	-1.00679	0.955323	0.985192	-1.01503	0.857544	0.94868	1.04868	0.275281	0.740658	-1.35015	0.736697	0.816305	0.984942	1
cg18286334	EDEM1	0.672188	0.377588	0.798059	-1.25316	0.39225	0.924	1.08225	0.31095	0.578604	-1.72853	0.706358	0.922142	0.922142	0.948058	0.970026	-1.03096		0.911405	1.01553	1.01553	0.854354	0.847716	-1.17986	?	0.970233	0.970233	0.951592	1.16184	1.16184	0.736753	0.964788	1.411147	1
cg07740599	RAB11FIP3;RAB11FIP3;RAB11FIP3	0.672204	0.637887	0.713483	-1.40158	0.819975	1.17625	1.17625	0.378645	1.90261	1.90261	0.554471	1.53077	1.53077	0.682228	0.745907	1.34065		0.955468	0.977682	-1.02283	0.566877	0.79139	-1.2636	0.607921	0.811265	-1.23264	0.769656	1.888089	-1.12601	0.736767	1.90633	2.29993	1
cg16654432	ALCAM	0.672206	0.291393	0.45772	-2.18474	0.160413	0.342864	2.91661	0.567024	0.66164	-1.5114	0.922907	0.99332	-1.00673	0.214765	0.393678	-2.54015		0.291619	0.457901	-2.18388	0.483278	0.60135	-1.66292	0.883334	0.455279	-2.19646	0.819148	1.1776	1.1776	0.736661	5.94488	7.17337	1
cg03339537	NRAA2	0.672229	0.192475	1.98104	1.98104	0.822875	1.43421	1.43421	0.391335	1.94024	1.94024	0.587405	1.70554	1.70554	0.760206	1.31579	1.31579		0.269649	1.50181	1.50181	0.317086	0.61394	-1.62907	0.398989	1.35475	1.35475	0.887815	1.05088	1.05088	0.736727	1.44242	1.74057	1
cg14071112	TSPAN7	0.67223	0.19146	0.250336	-3.99463	0.986157	0.982776	-1.01753	0.424443	0.4418	-2.26347	0.255946	3.27914	3.27914	0.958841	0.949631	-1.05304		0.210714	0.26695	-3.74601	0.5229	0.522865	-1.91254	0.905765	0.888165	-1.12592	0.705752	0.683958	-1.46208	0.736625	11.7	14.1184	1
cg25403635	FSIP1	0.672255	0.615163	0.881668	-1.13455	0.151435	0.905644	-1.10214	0.515674	0.652926	-1.53157	0.481873	0.739303	1.35203	0.754586	0.661875	-1.51057	0.408287	0.861427	1.35816	-1.04952	0.210398	0.429043	2.32945	2.32945	0.430855	0.968639	-1.03238	0.736621	0.892778	4.07733	5.1293	1
cg09500392	EFF1A2	0.672521	0.55458	1.20192	1.20192	0.193053	1.52783	1.52783	0.28216	1.41043	1.41043	0.994593	1.00209	1.00209	0.994199	0.997765	1.00224		0.431557	2.28019	-1.28019	0.108142	1.7149	1.7149	0.9238	0.970991	-1.02988	0.304935	0.963702	-1.03767	0.736595	-1.10455	1.33292	1
cg01466615	KIF1A	0.672253	0.814772	0.894121	-1.11842	0.527727	1.35677	1.35677	0.112026	2.28239	2.28239	0.701631	1.2015	1.2015	0.692776	0.827482	-1.20849		0.85522	0.916584	-1.09101	0.454544	0.695396	-1.43803	0.23264	1.81644	1.81644	0.816976	1.1169	1.1169	0.736593	2.65302	3.20155	1
cg14782437	CNO9	0.672254	0.570338	0.888314	-1.12566	0.153435	0.915464	-1.09232	0.512214	0.715626	-1.39773	0.526026	0.814769	1.04883	0.453114	1.40536	-1.07155		0.863427	1.04883	-1.04883	0.453114	0.640871	-1.56055	0.450605	0.968639	-1.03238	0.736621	0.892778	4.07733	5.1293	1
cg06639538	OPCML	0.672258	0.705284	1.34376	1.24376	0.353778	0.72603	1.72603	0.217483	2.10623	2.10623	0.282415	1.89892	1.89892	0.458545	2.16336	2.16336		0.700082	2.2485	-1.24885	0.749122	1.20227	1.20227	0.373821	1.31844	1.31844	0.706564	1.24252	1.24252	0.736585	3.8453	4.64039	1
cg26153620	MBNL2;MBNL2	0.672276	0.570787	0.8703	-1.14907	0.274727	0.742363	1.34697	0.274727	1.34697	1.34697	0.742363	1.34286	1.34286	0.480581	1.44261	-1.44261		0.738189	1.34697	-1.34697	0.480581	0.691789	0.45403	2.20274	0.691789	0.55153	1.39562	1.39562	0.441549	0.64747	1.54381	0.865359	1.43197	1.73337	1
cg03699074	FAM38A	0.67228	0.900832	0.916905	-1.09063	0.103556	0.45168	3.45168	0.3794	1.87294	1.87294	0.675048	0.745719	-1.34099	0.258915	2.26972	2.26972		0.658131	0.733524	-1.36328	0.796983	0.835776	-1.19649	0.751499	1.24741	1.24741	0.547336	1.52769	1.52769	0.736554	5.64897	6.81729	1
cg16371864	HIP1R	0.672284	0.202449	0.448677	-2.22958	0.484319	0.647144	1.54525	0.588474	0.755622	-1.32739	0.467297	0.653784	-1.52786	0.133807	0.576154	1.73572		0.664567	0.74535	-1.3414	0.254595	0.475435	-2.10331	0.062085	0.505622	-1.97798	0.199353	0.392476	-2.54907	0.736548	4.7373	5.72781	1
cg22476897	NOD1	0.672301	0.274095	1.52713	1.307	0.32924	1.20924	1.20924	0.301189	1.58515	1.58515	0.631588	0.662189	1.51551	0.205198	0.796989	-1.82375		0.740768	1.90436	-1.06153	0.205198	0.796316	-1.25775	0.963145	0.991321	-1.00853	0.538282	1.18159	1.18159	0.736546	0.377328	0.455372	1
cg27319123	KCNA4;KCNA4	0.672285	0.803344	0.745494	-1.34139	0.447413	0.401926	-2.48802	0.242135	0.236678	-4.22514	0.701157	0.635148	-1.57444	0.790528	1.36804	1.36804		0.76419	0.701776	-1.42496	0.105313	0.82927	0.82927	0.818159	0.762548	-1.31139	0.924992	1.11722	1.11722	0.736546	16.1639	19.5071	1
	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;T																													
cg22901347	NIK;TNIK	0.672299	0.42967	0.49696	0.450362	0.260429	-3.83982	0.287353	0.90664	0.90664	0.159925	16.6257	16.6257	?	?	?			0.687957	0.493486	-2.0264	0.669753	2.11802	2.11802	0.880482	1.30108	1.30108	0.889544	1.27517	1.27517	0.721627	31.0875	43.0798	1
cg24976089	EEF2;EEF2;EEF2;EEF2	0.672356	0.309486	0.655673	-1.53451	0.554175	0.783167	-1.27585	0.976829	0.988245	-1.0119	0.873631	0.59725	-1.06695	0.968447	1.01624	1.01624		0.620708	0.8162	-1.22519	0.353516	0.644416	-1.62756	0.894222	0.472794	-2.11509	0.235458	0.616701	-1.62153	0.736472	1.93557	2.33373	1
cg05529471	NBEA	0.672361	0.782541	0.81629	-1.14728	0.614577	0.777144	-1.28676	0.495213	0.46938	1.40938	0.149851	2.15254	2.15254	0.74373	1.17692	1.17692		0.647784	0.795803	-1.25659	0.262637	0.560594	-1.78382	0.411309	0.658907	-1.51756	0.844773	1.10224	1.10224	0.736645	2.87607	3.47139	1
cg09835239	NPAS4	0.672362	0.429413	1.93358	2.55914	2.59137	2.59137	0.503425	1.73232	1.73232	0.363085	2.13054	2.13054	?	?	?			0.382866	2.0629	2.0629	0.374263	0.210172	0.210172	0.329165	0.442678	-2.25898	0.596719	1.54049	1.54049	0.725149	6.65119	9.21793	1
cg03330454	AXIN1;AXIN1	0.672419	0.587035	0.780769	-1.28079	0.342372	0.98546	1.01542	0.975247	1.03447	1.03447	0.774521	0.837467	1.19389	0.957222	1.04452	-1.04452		0.922314	1.05829	-1.05452	0.815824	0.744479	-1.34322	0.168558	1.9388	1.9388	0.57303	0.773376	1.29308	0.736453	1.2486	1.86681	1
cg25254825	TMEM132C	0.672494	0.29191	0.79674	-1.25511	0.711524	0.92572	-1.08024	0.344607	0.816868	-1.22419	0.99071	0.83578	-1.19649	0.726405	1.07573	1.07573		0.4182	1.18755	1.18755	0.320402	0.807884	-1.2378	0.299916	0.79994	-1.25009	0.582833	1.12217	1.12217	0.736245	0.503458	0.607839	1
cg14747166	ZHX2	0.672495	0.986446	0.986885	-1.01325	0.193876	0.943585	-1.29149	0.342178	1.23959	1.23959	0.402417	1.96461	1.96461	0.396388	0.509173	-1.96396		0.68864	1.73218	-1.36758	0.515193	0.599329	-1.66853	0.984664	0.550061	-1.81796	0.744248	1.29096	1.29096	0.736244	0.70498	0.8032	1
cg13262310	SEPTIL;SEPT4	0.672503	0.657124	0.9391	1.09396	0.11946	1.40443	1.40443	0.838764	1.0418	1.0418	0.96401	0.990971	-1.00911	0.407648	1.18561	1.18561		0.443458	1.1743	1.1743	0.366501	0.820866	-1.22055	0.422636	1.12636	1.12636	0.48453	1.15349	1.15349	0.736232	0.471165	0.568861	1
cg27437294	RHOU	0.672526	0.731122	0.918869	-1.08829	0.661273	1.11431	1.11431	0.985023	0.995403	-1.00462	0.839092	0.951315	-1.05118	0.461156	1.22631	1.22631		0.76916	1.07491	1.07491	0.158844	0.69095	-1.44728	0.333879	0.782963	-1.2772	0.287912	1.31108	1.31108	0.736199	0.702628	0.848355	1
cg23979923	C15orf58;C1B1	0.672535	0.765136	1.09147	1.09147	0.790337	0.976435	-1.0242	0.176726	0.70925	-1.41006	0.922522	1.19907	1.19907	0.179551	0.83613	-1.19592		0.529906	1.19311	-1.19311	0.14285	0.904285	0.90251	1.10817	0.936185	0.90251	1.10817	0.936185	1.06845	0.918978	0.836992	0.444123	1
cg16168668	TWIST1	0.672539	0.214845	0.463189	-2.15895	0.799824	0.860906	-1.16157	0.339003	0.559392	-1.78765	0.318305	0.544455	-1.8367	0.599184	0.731542	-1.36698		0.188127	0.439531	-2.27515	0.163027	0.415754	-2.40527	0.916928	0.940355	-1.06343	0.88077	0.9925	1.0925	0.736478	0.45088	0.48109	1
cg00412842	BPSP1;BPSP1	0.672555	0.6139	0.838959	0.838959	0.884404	0.823134	0.823134	0.548289	0.5452	0.852837	1.0495	0.884003	0.979103	0.979103	0.824502	0.824502		0.537864	0.94149	0.94149	0.52284	0.512844	-1.27743	0.784574	0.459256	0.512844	-1.27743	0.784574	0.459256	0.736503	0.780369	0.921321	1
cg06536629	MCM6	0.672576	0.286722	0.749101	-1.33493	0.148245	0.66699	-1.49927	0.776681	0.928431	-1.07709	0.701725	0.904396	-1.10571	0.16186	0.677023	1.47705		0.415002	0.804469	-1.24306	0.494715	0.834383	-1.19849	0.240609	0.72556	-1.37825	0.375416	0.788556	-1.26814	0.736127	0.794988	0.959966	1
cg20942198	PCYT1A	0.672581	0.886857	0.978824	-1.02163	0.452207	1.12715	1.12715	0.641914	1.07294	1.07294	0.852179	1.02844	1.02844	0.77373	0.957589	-1.04429		0.39295	0.876722	-1.14061	0.103182	1.30733	1.30733	0.418324	0.881729	-1.13414	0.896496	0.980623	-1.01976	0.736112	0.263501	0.318186	1
cg22588307	SLFN13	0.672619	0.971919	0.980904	1.02415	0.727956	1.24569	1.24569	0.188927	1.24909	1.24909	0.201857	1.49415	1.49415	0.0737227	1.83839	0.957222		0.857222	1.04653	1.04653	0.576627	0.85013	-1.17629	0.437257	1.26119	1.26119	0.242582	1.36268	1.36268	0.572204	3.0216	4.18967	1
cg08505473	PRIMA1	0.672597	0.744159	0.85948	-1.16349	0.479106	0.716979	-1.39474	0.193473	1.88944	1.88944	0.340913	0.611857	-1.63437	0.804219	0.891449	-1.12171		0.159116	0.498643	-2.00544	0.985021	1.00872	1.00872	0.817207	0.809471	-1.113	0.915231	0.951957	-1.05047	0.736097	2.4928	3.01023	1
cg23846459	PRKAG2;PRKG4	0.67026	0.709014	1.27277	1.27277	0.387863	1.30853	1.30853	0.154883	2.04799	-4.15284	0.522474	0.541863	-1.84547	0.404009	2.47373			0.473373	0.80895	-1.2357	0.14603	0.914021	0.91021	1.09857	0.821485

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1123 vs. N)	p-value(1123 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1221 vs. N)	p-value(1221 vs. N)	Fold-Change(1-vs-1347 vs. N)	p-value(1347 vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-563T vs. N)	p-value(563T vs. N)	F(Error)
cg01157922	DDX10	0.673226	0.301197	0.752912	-1.32838	0.428759	1.23866	1.23866	0.298463	0.751613	-1.33047	0.450044	1.22109	1.22109	0.584607	0.863965	1.15745	0.294566	0.749749	-1.33378	0.749092	1.08851	1.08851	0.968065	0.988792	-1.02134	1.0344498	0.772614	-1.29451	0.735189	0.8177317	0.988187	1
cg11662670	DGUOK;DGUOK	0.673236	0.777749	0.886854	-1.12758	0.653383	1.20926	1.20926	0.280862	1.60901	1.60901	0.585445	0.791586	-1.26329	0.499616	0.747674	-1.33748	0.470345	1.36566	1.36566	0.227885	0.584448	-1.71102	0.432198	1.40514	1.40514	0.482752	0.738821	-1.35351	0.735174	1.2065	2.53485	1
cg21367586	FHOD3	0.673238	0.989133	1.01329	1.01329	0.239645	0.303131	-3.2989	0.723906	0.709066	-1.41031	0.597306	1.67664	1.67664	0.809151	1.26435	1.26435	0.8641471	0.156872	-6.37461	0.698271	1.4588	1.4588	0.854738	1.19441	1.19441	0.7339737	0.723848	-1.3815	0.735172	10.941	13.2287	1
cg19484328	EPHA4	0.673248	0.457328	1.42689	1.42689	0.621116	0.791381	-1.26351	0.599859	1.28225	1.28225	0.652652	1.23709	1.23709	0.399445	0.666882	-1.49952	0.8064027	1.12218	1.12218	0.0853101	2.44352	2.44352	0.499143	1.3802	1.3802	0.8747368	1.07689	1.0763589	0.7353158	2.56842	3.1055	1
cg20402074	SIAE;SPA17	0.673262	0.925984	1.16623	1.16623	0.224025	8.41527	8.41527	0.158093	12.4705	12.4705	0.408346	4.07308	4.07308	?	?	?	0.970926	0.941467	-1.06217	0.893407	0.8010555	-1.24835	0.875741	1.29564	1.29564	0.457008	0.284506	-3.51486	0.721274	27.2253	33.0279	1
cg02598807	AP2A2	0.673294	0.951191	0.959308	-1.04242	0.604566	1.42552	1.42552	0.310835	2.0373	2.0373	0.341494	1.94483	1.94483	0.149384	0.350244	-2.85515	0.594122	0.694192	-1.44052	0.633658	0.7219322	-1.38519	0.78392	1.20507	1.20507	0.601728	0.699517	-1.42956	0.735091	5.36192	6.48375	1
cg00782503	CDX2	0.673303	0.638905	0.781965	-1.27883	0.573122	0.743574	-1.34486	0.662836	0.795885	-1.25646	0.592981	0.755199	-1.32415	0.464726	0.678949	-1.47286	0.661823	0.795295	-1.25739	0.895244	1.07096	1.07096	0.9857531	0.68248	2.68648	0.642111	1.27579	1.27579	0.735078	3.15277	3.81246	1
cg04030848	GALST1	0.673303	0.426182	0.612873	-1.63256	0.242246	0.478411	-2.09025	0.364634	1.17946	1.17946	0.504245	1.50432	1.50432	0.5214	0.675975	-1.47935	0.61406	0.73629	-1.35904	0.666306	0.7712364	-1.29657	0.474037	1.55078	1.55078	0.237263	2.10867	2.10867	0.735078	4.22683	5.11128	1
cg25942789	KIF1A	0.673308	0.363162	0.139636	0.139636	0.173586	9.22445	9.22445	0.45456	1.23871	1.23871	0.337246	0.5643	0.5643	0.451114	0.307812	-3.24874	0.641395	0.25406	0.25406	0.291436	5.36523	5.36523	0.381982	0.9589	0.9589	0.402537	1.72364	1.72364	0.735071	27.417	33.1542	1
cg26155983	GPX2	0.673326	0.998816	0.999019	-1.00098	0.419067	0.579178	-1.72659	0.892845	0.914707	-1.09325	0.752560	1.23269	1.23269	0.349229	0.528649	-1.89161	0.633507	0.727791	-1.37402	0.65424	1.34744	1.34744	0.0955733	3.35716	3.35716	0.762015	1.22252	1.22252	0.735045	5.09382	6.15994	1
cg17926234	AHSA2;AHSA2	0.673347	0.478218	0.553612	-1.80678	0.309427	1.25444	1.25444	0.339117	0.988705	-1.01999	0.960259	1.08094	1.08094	0.265182	1.343033	-1.34203	0.911659	1.02859	1.02859	0.126738	0.65735	-1.52126	0.479461	0.8809055	-1.13509	0.8139455	-1.30343	0.959275	0.735071	0.7095955	0.9081655	1
cg25655324	SEMA6B	0.673349	0.955575	1.01833	1.01833	0.776345	0.911319	-1.09731	0.200426	1.55417	1.55417	0.45693	0.781135	-1.28019	0.706249	0.883865	-1.13139	0.917203	1.03448	1.03448	0.193078	1.56686	1.56686	0.45599	1.29578	1.29578	0.328424	1.38942	1.38942	0.735012	1.23745	1.49652	1
cg06709766	MSH3;DHFR	0.673353	0.393998	2.02696	2.02696	0.654513	1.41655	1.41655	0.455275	0.542102	-1.84467	?	?	0.139938	0.70147	1.42648	-1.42648	0.7030948	0.20853	2.08053	0.862745	1.14428	1.14428	0.380642	2.07313	2.07313	0.7404456	1.30608	1.30608	0.732874	6.23799	6.47207	1
cg03831869	NAT15;NAT15;NAT15	0.673355	0.892528	0.86179	1.00378	0.808213	1.11389	1.11389	0.785944	0.886267	-1.12833	0.274893	1.65508	1.65508	0.603655	0.792712	-1.26149	0.31177	0.628687	-1.59062	0.651552	1.2234	1.2234	0.183406	0.534706	-1.87019	0.448332	1.40877	1.40877	0.735003	2.28993	2.76937	1
cg20897046	WDR20	0.673363	0.346967	2.24917	2.24917	0.175323	3.34112	3.34112	0.167659	3.40249	3.40249	0.156421	3.55674	3.55674	0.49455	1.90585	1.90585	0.453245	1.89551	1.89551	0.400345	2.02635	2.02635	0.581369	1.59379	1.59379	0.637938	1.48694	1.48694	0.734992	8.15493	9.86197	1
cg16778809	ADAM23;ADAM23	0.673363	0.948524	1.08803	1.08803	0.219449	0.851836	-1.17394	0.476136	0.954152	-1.09391	0.70394	0.953803	1.04853	0.744665	1.144053	-1.27214	0.970504	1.00459	1.00459	0.953291	1.23491	1.23491	0.167361	1.16736	1.16736	0.662811	0.947097	-1.05586	0.671599	1.05425	1.05425	0.734991	0.780511	0.216058	1
cg11505180	CAPS2	0.673365	0.757705	0.880592	-1.1356	0.188131	2.0082	2.0082	0.579063	1.25895	1.25895	0.624543	0.816523	-1.22471	0.378689	0.689946	-1.44939	0.87956	0.939591	-1.06429	0.653652	1.20394	1.20394	0.374326	0.687475	-1.4546	0.66106	1.19878	1.19878	0.734989	1.96573	2.37734	1
cg15921039	C8orf85	0.673374	0.409508	0.759883	-1.31599	0.567861	0.98697	-1.0122	0.978288	1.0089	1.0089	0.0572986	2.01886	2.01886	0.749857	1.349741	-1.10975	0.710742	0.885796	-1.12893	0.816153	0.9269831	-1.07876	0.870585	1.05401	1.05401	0.851661	1.06284	1.06284	0.734976	1.2336	1.49193	1
cg26526826	PITPNA	0.673385	0.317475	1.23197	1.23197	0.597133	1.11369	1.11369	0.122323	0.713843	-1.40087	0.651413	0.922727	-1.08417	0.535539	0.880977	-1.1351	0.9228	1.01976	1.01976	0.583665	1.11821	1.11821	0.752214	0.938559	-1.06503	0.647504	1.07854	1.07854	0.734907	0.7385511	0.216058	1
cg04302192	ZNF41;ZNF41	0.673392	0.270471	0.51765	-1.93181	0.71515	0.437148	-2.28756	0.727414	0.818059	-1.22241	0.356584	1.72313	1.72313	0.879162	0.916396	-1.09123	0.239052	0.492829	-2.0291	0.824293	0.880194	-1.13611	0.707822	1.24118	1.24118	0.965209	1.02535	1.02535	0.73495	3.83342	4.63635	1
cg04207218	ERG;ERG	0.673401	0.35064	1.88221	1.88221	0.308247	1.27993	1.27993	0.314519	0.422383	-2.36248	0.797853	1.38395	1.38395	0.394482	0.722501	-1.38444	0.322722	1.95822	1.95822	0.276087	2.10725	2.10725	0.180696	1.51186	1.51186	0.423008	1.71329	1.71329	0.734936	0.508824	0.609365	1
cg00268840	ALX4	0.673406	0.86675	1.20265	1.20265	0.302314	0.30907	-3.23552	0.147706	0.511114	0.543185	0.744206	0.511114	0.44685	0.258478	0.35878	-2.78593	0.417245	0.776096	0.750198	0.776096	0.750198	1.33298	0.510369	2.08279	2.08279	0.826609	0.785787	-1.27261	0.73493	14.0546	16.9989	1
cg00302627	CPLX1	0.673411	0.486951	1.82183	1.82183	0.187082	0.954635	-1.04753	0.824657	0.917185	1.08971	0.0917	0.917185	0.814334	0.799852	1.25023	0.381431	1.31456	1.31456	0.760852	1.31456	1.31456	0.964854	-1.03248	0.964854	1.03248	0.964854	1.25157	1.25157	0.415114	0.835033	-1.19756	0.734732	0.604063	1
cg17585066	KRTAP10-10;C21orf29	0.673418	0.519862	1.13388	1.13388	0.846451	1.03804	1.03804	0.792769	1.05202	1.05202	0.177602	1.31777	1.31777	0.979927	1.00486	1.00486	0.117639	1.3872	1.3872	0.631069	0.911024	-1.09767	0.514193	0.88038	-1.13587	0.743402	1.06531	1.06531	0.734912	0.4317233	0.522176	1
cg17294928	SCAMP5	0.673423	?	?	?	?	?	?	?	0.983804	1.01831	?	?	?	?	?	?	?	?	?	?	?	?	0.788013	?	-1.27387	?	?	0.2846	3.14896	0.666777	2.61278	1.95927	1
cg10675120	FUT11	0.673463	0.657676	1.10236	1.10236	0.691001	1.0909	1.0909	0.513928	1.14839	1.14839	0.182284	1.36252	1.36252	0.803687	0.947202	-1.05594	0.434767	1.19024	1.19024	0.2858	0.780663	-1.26733	0.356313	1.23039	1.23039	0.307942	1.2938	1.2938	0.734891	0.55581	0.672281	1
cg02008727	KIAA1409;KIAA1409;BTBD7;BTBD7	0.673435	?	?	?	0.466517	2.24141	2.24141	0.701115	1.51678	1.51678	?	?	?	?	?	?	0.967011	1.04554	1.04554	0.479069	2.18864	2.18864	?	?	?	0.1660271	5.26024	5.26024	0.654468	6.12805	9.36341	1
cg03096488	AR	0.673436	0.315387	0.404309	-2.47335	0.372545	1.44996	1.44996	0.222422	0.661677	0.679799	-1.47102	0.400142	1.31978	1.319178	0.810763	1.23275	1.23275	0.226754	0.130522	-7.66352	0.854936	1.16968	0.995709	0.99532	-1.0047	0.202854	1.2907	2.5907	0.734886	8.85672	10.7127	1
cg17503252	PHF17;PHF17	0.673459	0.668411	1.10701	1.10701	0.635432	1.11928	1.11928	0.890518	0.968027	-1.03303	0.221151	1.35418	1.35418	0.438094	1.20517	1.20517	0.910868	1.02677	1.02677	0.117829	0.660841	-1.49289	0.903981	1.02888	1.02888	0.800341	0.950546	-1.05203	0.734854	0.647911	0.783721	1
cg05916662	FST;FST	0.673472	0.384305	0.769645	-1.2993	0.830253	0.938931	-1.06504	0.187794	0.663852	-1.50636	0.962178	1.01402	1.01402	0.180755	0.658938	-1.51759	0.886701	1.04273	1.04273	0.673606	1.13241	1.13241	0.357506	1.32015	1.32015	0.982736	0.993669	-1.00637	0.734835	1.00265	1.21285	1
cg26950739	ACSF3;ACSF3;ACSF3	0.673482	0.92933	1.07584	1.07584	0.762405	1.14687	1.14687	0.703895	0.842243	0.832531	0.0990224	1.16238	1.16238	0.394442	0.859741	-1.16355	0.993949	1.00897	1.00897	0.964563	1.13055	1.13055	0.993949	1.08192	-2.0177	0.732449	1.31794	1.31794	0.649134	0.602193	0.744464	0.734827	0.508153	1
cg07109923	DLGAP4;DLGAP4;DLGAP4	0.673487	0.302883	0.679022	-1.47271	0.957607	0.980899	-1.01947	0.948404	1.38204	1.38204	0.0990244	1.48265	1.48265	0.241541	0.973876	-1.02682	0.74975	0.890384	-1.12311	0.106439	0.527551	-1.89503	0.918622	0.963601	-1.03777	0.771111	1.11164	1.11164	0.734813	1.53184	1.85303	1
cg25440887	NANS	0.673496	0.534423	1.08196	1.08196	0.607307	0.708363	-1.40783	0.431597	1.38132	1.38132	0.0914852	1.48582	1.48582	0.240125	0.672855	-1.48661	0.854886	1.07426	1.07426	0.514462	0.647209	-1.54556	0.818003	1.08775	1.08775	-1.19326	0.75794	1.06643	1.06643	0.734812	0.6945545	0.829437	1
cg09972607	PNPLA4;PNPLA4	0.673506	0.414234	0.567881	-1.76093	0.380266	0.543254	-1.84076	0.189011	0.389303	-2.56869	0.661167	0.741548	-1.34853	0.112135	0.309512	-2.3209	0.469526	0.607228	-1.64683	0.609443	0.705171	-1.4181	0.606884	1.42199	1.42199	0.613006	0.707667	-1.41309	0.734785	1.34884	6.47063	1
cg24385580	SSH2	0.67351	0.616179	0.891822	-1.1213	0.959954	0.98869	-1.01144	0.492421	0.853908	-1.17109	0.822522	0.950382	-1.05221	0.847707	0.957382	-1.04452	0.786917	1.0633	1.0633	0.756561	0.931983	-1.07298	0.894473	1.51646	1.51646	0.279124	0.774994	-1.29033	0.73478	0.597164	0.722409	1
cg17040068	ARMC10;ARMC10;FBXL13;ARMC10;FBX L13;ARMC10;ARMC10;FBXL13;ARMC10;FBX	0.673516	0.574413	0.890943	-1.12241	0.3817	0.833108	-1.20032	0.855281	1.03786	1.03786	0.860681	0.964879	-1.0364	?	?	?	0.205679	0.762075	-1.31221	0.102619	0.695249	-1.43833	0.983714	1.00416	1.00416	0.825088	0.955952	-1.04608	0.719842	0.419742	0.583102	1
cg16108964	SNX27	0.67352	0.613186	1.18538	1.18538	0.987508	0.564666	-1.82928	0.674261	0.868467	-1.15145	0.785528	1.09527	1.09527	0.801489	1.08768	1.08768	0.468696	1.27883	1.27883	0.861938	0.943584	-1.05979	0.683974	0.872383	-1.14629	0.280785	0.68798	-1.45353	0.734765	1.29513	1.5668	1
cg16015924	MAN2B1	0.673523	0.675536	0.919306	-1.08778	0.165192	1.34431	1.34431	0.94066	1.01499	1.01499	0.937566	1.01578	1.01578	0.70076	1.08023	1.08023	0.250251	0.786521	-1.27142	0.783605	0.946465	-1.05656	0.263187	0.791285	-1.26377	0.578784	0.893968	-1.11861	0.73476	0.4648869	0.562383	1
cg16262110	MTA1	0.673527	0.54541	1.88221	1.88221	0.308247	1.27993	1.27993	0.314519	0.422383	-2.36248	0.797853	1.38395	1.38395	0.394482	0.722501	-1.38444	0.322722	1.95822	1.95822	0.276087	2.10725	2.10725	0.180696	1.51186	1.51186	0.423008	1.71329	1.71329	0.734936	0.508824	0.609365	1
cg06981504	ACAP3	0.67353	0.50603	0.659039	-1.51736	0.913625	0.915315	-1.06935	0.445371	1.61708	1.61708	0.363855	1.78005	1.78005	0.480041	0.641697	-1.55837	0.559671	0.702882	-1.38719	0.275458	0.496041	-2.01596	0.405859	0.591265	-1.69129	0.346249	1.82101	1.82101	0.734751	0.4436	0.53579	1
cg27658080	SLC35B1	0.673537	0.699157	1.4861	1.4861	0.585247	0.983405	-1.01662	0.960295	1.02196	1.02196	0.20176	1.45782	1.45782	0.414911	0.685792	-1.45845	0.744194	1.34311	1.34311	0.216022	1.33484	1.33484	0.178511	1.22337	1.22337	0.344503	1.43484	1.43484	0.734677	0.6058932	0.744577	1
cg03490502	C22orf41	0.673544	0.530939	0.867959	-1.15213	0.760562	0.934078	-1.07057	0.765817	0.935526	-1.06891	0.774811	0.938007	-1.06609	0.941547	0.983771	-1.0165	0.761796	0.934419	-1.07018	0.08528	0.654117	-1.52878	0.350157	1.23932	1.23932	0.474191	1.17632	1.17632	0.734731	0.579261	0.700799	1
cg09280981	TSPAN9;TSPAN9 SORBS2;SORBS2;SORBS2;SORBS2;SORB	0.673544	0.217327	2.069	2.069	0.276797	1.88445	1.88445	0.365746	1.68297	1.68297	0.782128	1.168	1.168	0.173325	0.225148	0.25148	0.317021	1.78502	1.78502	0.178751	1.17875	1.17875	0.70809	1.70809	1.70809	0.254654	2.73431	2.73431	0.735145	0.441758	1
cg09120722	S2;SORBS2;SORBS2;SORBS2	0.673549	0.264173	15.3267	15.3267	0.281152	0.07229	-13.8332	0.375849	8.42739	8.42739	0.929271	1.23147	1.23147	0.175451	0.034079	-29.3436	0.878149	1.43307	1.43307	0.856881	1.52712	1.52712	0.9014	0.747748	-1.33735	0.951593	0.867292	-1.15301	0.734724	64.0048	77.4347	1
cg24888621	DDX26B	0.673551	0.525863	?	?	?	0.156068	-6.40747	0.14646	0.384969	-2.59761	0.646058	0.89776	-1.11409	0.612024	0.89776	-1.11409	0.7102024	1.01461	1.01461	0.9496186	0.8663	1.15431	0.8663	0.733393	-1.36353	0.8129441	1.23015	1.23015	0.768548	1.04617	1.04617	0.734725	1.2446	1.66459	1
cg20364660	FDX1	0.673554	0.468046	1.08418	1.08418	0.741214	0.964371	-1.03695	0.103398	1.2153	1.2153	0.983698	0.997766	-1.00224	0.176535	1.17032	1.17032	0.712027	1.04142	1.04142	0.919547	0.9890011	-1.01112	0.735675	1.03779	1.03779	0.350644	1.11089	1.11089	0.734717	0.139446	0.168707	1
cg26420594	DHH	0.673555	0.390182	0.464327	-2.15366	0.0905214	5.07823	5.07823	0.197502	1.02483	1.02483	0.562426	0.660338	-1.66573	0.601914	0.646048	-1.54787	0.398149	0.470605	-2.12492	0.821374	0.822165	-1.21778	0.931401	0.927759	-1.0779	0.923979	1.08671	1.08671	0.734716	0.814104	0.916993	1
cg17186086	TADA3	0.673574	0.667884	1.16117	1.16117	0.502218	1.07926	1.07926	0.237855	1.44836	1.44836	0.354944	1.26823	1.26823	0.788897	0.916602	-1.09686	0.2842653	0.778895	1.28493	0.0355	1.22634	1.22634	0.103979	0.547156	-1.82636	0.678925	0.865801	-1.1555	0.9310289	1.03979	1.03979	0.734687	1.39454	1.68723	1
cg25665697	LCTL	0.6736	0.397664	0.670994	-1.49033	0.602894	0.7852	-1.27356	0.503741	0.713539	-1.36698	0.50847	1.33976	1.33976	0.128729	0.469343	-2.13064	0.656055	1.22939	1.22939	0.254525	0.578025	-1.73003	0.434371	0.692468	-1.44411	0.725776	0.850236	-1.17614	0.734675	2.46972	2.98824	1
cg25214069	INPP5E	0.67609	0.29404	3.40188	3.40188	0.293807	0.955253	-1.04714	0.841992	0.791933	-1.26294	0.792473	0.92784	-1.07813	0.954196	1.004959	-1.00417	0.894853	1.11914	1.11914	0.240557	1.13204	1.13204	0.240557	1.24985	1.24985	0.2009	0.6882	1.45367	0.7079	1.11074	1.11074	0.734664	0.2185557	0.264447	1
cg16904306	PCSK5	0.673618	0.392239	1.31151	1.31151	0.999434	0.999781	-1.00022	0.445478	1.27205	1.27205	0.0965238	1.75861	1.75861	0.755403	0.907844	-1.10151	0.595154	0.847106	-1.18049	0.687411	1.13331	1.13331	0.350861	1.34591	1.34591	0.706633	0.889599	-1.1241	0.734623	1.1137	1.34756	1
cg27115612	TCF12;TCF12;TCF12;TCF12	0.673628	0.524725	0.721386	1.38622	0.570973	0.748178	-1.33658	0.804128	1.19417	1.19417	0.452799	1.4733	1.4733	0.877372	1.083237	1.08237	0.132449	0.597193	1.67345	0.229287	0.5231981	-1.91795	0.515617	1.40111	1.40111	0.13661	2.98653	2.98653	0.63375	1
cg07809027	CPEB3;CPEB3	0.673632	0.921487	0.99033	1.00932	0.828708	1.20932	1.20932	0.262591	0.358961	-2.78582	0.299165	2.56986	2.56986	0.204981	3.23181	3.23181	0.830022	1.20752	1.20752	0.84934	1.12468	1.12468	0.703466	1.39857	1.39857	0.211156	1.17571	1.17571	0.734754	8.95087	10.8312	1
cg01872947	FAM65A	0.673653	0.268284	1.54333	1.54333	0.393089	1.38992	1.38992	0.584658	1.23088	1.23088	0.310425	1.48437	1.48437	0.217086	1.63027	1.63027	0.141362	1.81344	1.81344	0.293522	1.50692	1.50692	0.33503	1.45375	1.45375	0.813916	1.09279	1.09279	0.734573	1.64774	1.99389	1
cg21188731	TMPRSS6	0.673655	0.358502	1.86192	1.86192	0.12253	0.870976	-1.14838	0.776403	0.901607	-1.10939	0.451362	1.34346	1.34346	0.0931	0.743272	-1.34555	0.471158	2.12122	2.12122	0.0134848	2.08744	2.08744	-4.18859	0.951961	1.05106	0.9559759	0.75197	1.33064	1.33064	0.734559	7.90138	8.9443	1
cg08897480	TTYH3	0.673682	0.56174	1.38898	1.13898	0.173185	1.37915	1.37915	0.642426	1.10928	1.10928	0.522304	0.866037	-1.15469	0.996361	1.00101	1.00101	0.89911	0.972258	-1.02853	0.93209	0.987036	-1.01313	0.262386	0.771674	-1.29588	0.278806	1.28371	1.28371	0.734531	0.5723	0.692565	1
cg07687354	CACNA1H;CACNA1H	0.673687	0.645734	1.05156	1.42799	0.0178	1.35384	1.35384	0.543414	1.34431	1.34431	0.552318	1.37797	1.37797	0.551955	1.36156	-1.42334	0.228803	0.913138	1.63156	0.575699	1.17702	1.17702	0.584852	1.1071	1.1071	0.643192	1.50445	1.50445	0.734523	1.09267	1.32483	1
cg07378590	SHISA5	0.673689	0.758589	-1.10291	1.10292	0.699194	1.13132	1.13132	0.565462	0.831415	-1.20277	0.801963	0.924011	-1.08224	0.850696	0.941878	-1.06171	0.117371	1.71682	1.71682	0.332308	0.727736	-1.37412	0.743756	1.10986	1.10986	0.315544	1.30064	1.30064	0.734522	1.1747	1.42157	1
cg22275278	EMD	0.673695	0.136866	1.12425	-8.04829	0.786484	0.702331	-1.42383	0.82866	0.754224	-1.32587	0.422232	2.90634	2.90634	0.563543	2.13816	2.13816	0.18986	0.164133	-6.09263	0.969351	1.05127	1.05127	0.920956	0.878824	-1.13788	0.724975	1.58359	1.58359	0.734513	19.7027	21.8437	1
cg08284180	DCAF8;DCAF8;DCAF8;DCAF8	0.673702	0.916941	1.09091	1.09091	0.873161	1.09469	1.09469	0.74226	1.12244	1.12244	0.914639	0.99575	-1.00403	0.988249	1.13784	1.13784	0.547563	1.1206	1.1206	0.459438	1.13879	1.13879	0.459438	1.14904	1.14904	0.704606	0.955906	1.13611	1.13611	0.734502	0.49304	0.596205	0.840335	1
cg22167704	CACNA1E	0.673707	0.97295	1.01171	1.01171	0.986126	1.00599	1.00599	0.894733	0.955569	-1.0465	0.42666	1.32135	1.32135	0.808787	1.08679	1.08679	0.445902	0.765862	-1.30572	0.0850012	0.520044	-1.92291	0.913152	0.963238	-1.03836	0.319156	0.702265	-1.42396	0.734496	1.37105	1.65925	1
cg03539191	PXDN	0.67371	0.2284	0.40497	-2.62603	0.0141	2.03205	2.03205	0.78423	1.11262	1.11262	0.581681	0.89534	-1.11697	0.152199	0.824206	-1.21308	0.132449	0.597193	1.67345	0.229287	0.5231981	-1.91795	0.515617	1.40111	1.40111	0.13661	2.98653	2.98653	0.63375	0.8085818	0.954287	1
cg07426533	TOX	0.67373	0.709337	1.17117	1.17317	0.767402	0.88116	-1.13487	0.478863	0.735645	-1.35935	0.535613	0.765229	-1.3068	0.132189	0.500043	-1.99983	0.370314	0.675421	-1.48056	0.375445	0.678407	-1.47404	0.822364	1.10066	1.10066	0.179265	1.54417	1.54417	0.734472	2.16442	2.56141	1
cg24

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1 vs.105T 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Chance)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(527T 537 vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T 637 vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg19889018	POU6F1;POU6F1		0.674305		0.619333	0.770364	-1.29805	0.730025	0.814884	-1.19777	0.708075	0.822056	-1.21646	0.296667	0.560119	-1.07053	0.0442402	0.30002	-3.3331	0.664166	0.796471	-1.25554	0.724109	0.83158	-1.20253	0.8339072	0.932893	-1.07597	0.733634	3.15309	3.82036	1
cg24176009	TUBA1A		0.674307		0.207126	0.469002	-2.13219	0.56805	1.3858	1.3858	0.198929	2.16582	2.16582	0.765237	1.98426	1.98426	0.0393703	1.04393	1.04393	0.795948	1.15758	1.15758	0.676124	0.7887	-1.26791	0.309972	0.550918	-1.81515	0.8098847	0.931387	-1.07367	0.734838	3.62819	3.84259	1
cg09257101	RPUSD2		0.674307		0.692391	1.22848	1.22848	0.725727	0.833373	-1.19994	0.274674	0.555337	-1.80071	0.867876	0.08998	1.08998	0.935532	1.04275	1.04275	0.8176	1.12699	1.12699	0.0821045	0.36904	-2.70973	0.756966	0.17427	1.17427	0.4403247	0.665491	-1.50265	0.73363	3.11176	3.77031	1
cg17750194	CENPF;CENPF		0.674316		?	?	?	0.319778	0.186045	-5.3739	?	?	?	0.369404	0.221731	-4.50998	0.972306	0.945027	-1.05812	0.923495	1.16921	1.16921	?	?	0.976069	0.933181	-1.05003	0.162273	0.086031	-11.6207	0.677544	18.5471	31.9364	1
cg23059680	CARKD		0.674326		0.960167	0.973582	-1.02734	0.108275	2.558	2.558	0.11252	2.52476	2.52476	0.637807	1.25103	1.25103	0.95007	1.03414	1.03414	0.980703	1.01305	1.01305	0.504586	1.43762	1.43762	0.662481	1.26547	1.26547	0.874861	0.918984	1.13064	0.733604	3.33885	4.04559	1
cg22933847	MRGPRF;MRGPRF		0.674333		0.42421	1.46535	1.46535	0.146694	2.07351	2.07351	0.107483	2.26021	2.27601	0.271961	1.98368	-1.01659	0.754707	1.15804	1.15804	0.460957	1.42105	1.42105	0.61931	1.26425	1.26425	0.907309	1.64009	1.64009	0.576213	1.302559	1.302559	0.735938	2.54648	3.08553	1
cg04681171	POLA1		0.674333		0.288019	0.306698	-3.26053	0.818846	1.27864	1.27864	0.724433	1.46119	1.46119	0.13051	5.75285	5.75285	0.682426	0.643534	-1.55392	?	?	?	?	0.97325	0.96471	-1.03658	0.583311	0.552352	-1.81044	0.5670131	0.53797	-1.85884	0.7186496	11.6145	16.1617	1
cg07245011	SND1		0.674339		0.499103	1.53109	1.53109	0.307953	0.949347	1.2435	0.931317	1.07255	1.07255	0.199749	2.31876	2.31878	0.970469	1.03225	1.03225	0.894025	1.08627	1.08627	0.807883	1.1662	1.1662	0.817131	0.860059	-1.16466	0.28974	1.97824	1.97824	0.735584	4.47818	5.42424	1
cg23157706	ANO1;ANO1		0.674339		0.922034	1.0169	1.0169	0.26577	1.21961	1.21961	0.659371	1.09287	1.09287	0.463065	1.85796	1.85796	0.0789664	1.17361	1.17361	0.473795	1.13283	1.13283	0.24707	1.2023	1.2023	0.454672	0.877766	-1.13926	0.326778	1.18884	1.18884	0.733584	3.04519	0.412609	1
cg04345102	LIG1		0.674339		0.208567	0.689962	-1.44936	0.267374	0.723642	-1.3819	0.664515	1.12993	1.12993	0.622326	0.870241	-1.14911	0.676907	1.12447	1.12447	0.143164	0.643732	-1.55344	0.943072	1.01987	1.01987	0.640858	0.876759	-1.14056	0.518068	0.832406	-1.20134	0.733584	0.910503	1.10326	1
cg22663240	ERBB3;ERBB3		0.674436		0.774777	0.915193	1.09255	0.578727	1.51325	1.51325	0.141487	0.869611	1.14994	0.888106	1.09983	1.09983	0.0993	1.28446	1.28446	0.715984	0.893997	1.11906	0.826967	1.14896	1.14896	0.822733	1.21399	0.824067	1.08242	0.922361	1.25681	0.735565	0.351791	1.25681	0.421619	1
cg02758590	C3orf21		0.674365		0.622378	0.618749	-1.61616	0.260593	3.11035	3.11035	0.472916	2.02584	2.02584	0.676327	1.50085	1.50085	0.282199	2.94681	2.94681	0.864304	1.17988	1.17988	0.319851	3.070057	-2.70229	0.354227	0.397828	-2.51365	0.8202208	0.802398	-1.24626	0.735447	10.8653	13.1662	1
cg26338800	STRADA;STRADA;STRADA;STRADA;STR ADA;STRADA;STRADA;STRADA;STRADA		0.674369		0.705143	1.28158	1.28158	0.73777	1.24552	1.24552	0.480399	1.5979	1.5979	0.212662	0.424163	-2.35758	0.19848	0.41151	-2.43008	0.458484	0.610646	-1.63761	0.285503	0.488423	-2.06431	0.9988882	1.00092	1.00092	0.917361	0.934435	-1.07017	0.733542	4.95978	6.01015	1
cg18812946	LCLAT1;CAM;LCLAT1		0.674383		0.407394	0.735797	-1.35793	0.319724	0.686081	-1.45755	0.135742	0.560202	-1.78507	0.797544	0.91153	-1.09708	0.330248	0.69222	-1.44634	0.975554	0.930437	-1.07501	0.597521	0.825282	-1.21171	0.375934	1.38749	1.38749	0.802466	1.04996	1.04996	0.735121	1.50906	1.8287	1
cg19648672	RDH13;RDH13;RDH13;RDH13		0.674394		0.29091	0.675519	-1.48034	0.410441	1.35158	1.35158	0.740956	1.12608	1.12608	0.594834	1.21183	1.21183	0.589343	1.21538	1.21538	0.47171	1.29956	1.29956	0.104675	1.88657	1.88657	0.656575	1.17372	1.17372	0.946832	0.976413	-1.02416	0.733505	1.48823	1.80349	1
cg08109996	VWA5A;VWA5A;VWA5A		0.674397		0.137163	0.186055	-5.36934	0.554022	0.570072	-1.75416	0.306592	0.329549	-3.03445	0.264418	0.295271	-3.38572	0.164342	0.210978	-4.73983	0.29419	0.319502	-3.12997	0.574887	0.551962	-1.81722	0.474663	0.469688	-2.12907	0.678258	0.645658	-1.54881	0.735502	12.7761	15.4826	1
cg01516881	DUSP22		0.674398		0.443454	2.13087	2.13087	0.676233	0.859928	-1.16289	0.821409	0.803393	-1.24472	0.481892	1.09789	1.09789	0.620173	1.6221	1.6221	0.077008	0.148995	-6.71164	0.598341	1.03881	1.03881	0.828401	0.810686	-1.23352	0.735101	0.810686	-1.23352	0.735101	0.810686	1.51975	1
cg01807202	C4orf33;SCLT1		0.674446		0.8619	0.860694	-1.16185	?	?	?	?	0.733199	1.34302	1.34302	0.570765	1.63943	1.63943	?	?	?	0.998431	0.998307	-1.0017	0.379036	0.458185	-2.18253	0.127519	0.237666	-4.20758	0.722309	1.36014	1.36014	0.701084	6.27401	8.94901	1
cg22552684	C7orf25;C7orf25		0.674453		0.429598	0.842723	1.18663	0.0584935	1.56765	1.56765	0.538157	1.14297	1.14297	0.18693	0.977147	1.02319	0.978011	1.00581	1.00581	0.857437	0.962888	-1.03854	0.908821	0.976141	-1.02444	0.917413	0.996609	-1.0034	0.959574	0.988936	-1.01072	0.733421	0.513806	0.62272	1
cg26043149	FECH;FECH;FECH;FECH		0.674464		0.353268	1.56697	1.56697	0.780003	0.877114	-1.1401	0.576869	0.767154	-1.30352	0.564066	0.769156	-1.30032	0.564066	0.753418	0.633128	0.800411	-1.24936	0.995202	0.997177	-1.00283	0.37893	0.65411	-1.5288	0.346928	0.634167	-1.57687	0.176701	0.96466	0.963466	0.735043	2.58545	3.11305	1
cg22634633	SUNC1;SUNC1		0.674476		0.636879	0.678022	-1.47488	0.216178	0.345222	-2.89668	0.809815	1.22777	1.22777	0.361111	0.25365	-3.94155	0.153365	0.30193	-3.31135	0.647309	-1.06343	0.678085	1.40649	1.40649	0.447305	0.531042	-1.88309	0.313855	0.426007	-2.34243	0.723487	1.33681	1.33681	0.733387	3.75627	5.44655	1
cg09867302	EFNB1		0.674491		0.152138	0.231658	-4.31671	0.77767	0.763476	-1.3098	0.987387	0.985042	-1.01518	0.321161	2.65693	2.65693	0.428206	2.16217	2.16217	0.242971	0.311973	-3.20541	0.97776	1.02693	1.02693	0.903182	1.12301	1.12301	0.924528	0.913627	-1.09454	0.733365	10.5566	12.7953	1
cg15243366	PTPN12;PTPN12;PTPRN2		0.674492		0.726889	0.863985	-1.15743	0.324203	1.51855	1.51855	0.631753	1.21499	1.21499	0.767483	1.12937	1.12937	0.781231	0.871378	-1.14761	0.186445	1.76557	1.76557	0.102446	1.99592	0.988706	1.25106	1.25106	0.847322	0.923957	-1.0823	0.733644	0.733644	1.95542	2.37011	1
cg12705753	ASB1		0.674507		0.941067	0.796403	-1.25547	0.276433	1.26405	1.26405	0.159926	1.277791	1.277791	0.897455	1.14727	0.717395	1.07809	0.897455	-1.11427	0.808443	1.10468	1.10468	0.0914522	0.808429	0.684755	-1.46038	0.492593	0.835381	-1.19706	0.414712	1.2409	1.23059	0.775703	0.937791	1.55255	1
cg06672652	SNRPE		0.674545		0.486495	1.17956	1.17956	0.337315	1.26056	1.26056	0.120478	1.48792	1.48792	0.74713	0.927362	-1.07833	0.724897	1.08586	1.08586	0.971565	1.00834	1.00834	0.342519	0.795411	-1.25721	0.694574	1.09635	1.09635	0.501853	1.17254	1.17254	0.734092	0.617852	0.65462	1
cg04451748	TRIM44;TRIM44		0.674563		0.548207	1.6644	1.6644	0.153358	2.60836	-1.05334	0.760378	1.30796	1.30796	0.481697	1.18246	1.18246	0.494218	1.85152	1.85152	0.736365	1.75269	1.75269	0.127555	0.0931567	0.70115	1.42656	1.42656	0.331414	0.535114	0.425143	2.35114	0.733584	0.816604	0.80802	1
cg15993521	SLC35E3		0.674504		0.962212	0.981496	-1.01885	0.935674	1.03233	1.03233	0.105264	0.497170	-2.00921	0.821158	1.0984	1.0984	0.70224	0.859481	-1.16349	0.362625	0.691516	-1.4461	0.246254	0.161289	0.931952	1.03426	1.03426	0.962041	1.01849	1.01849	0.733347	0.80504	2.18789	1
cg09884077	NIPA1;NIPA1		0.674512		0.630922	0.909948	-1.09896	0.249134	1.26414	1.26414	0.196065	1.30541	1.30541	0.943254	0.986218	-1.01397	0.895888	1.02585	1.02585	0.827564	1.04345	1.04345	0.665425	0.91868	-1.08852	0.389343	1.18765	1.18765	0.184373	1.31586	1.31586	0.733336	0.441404	0.535033	1
cg21511321	CDX19		0.674542		0.347642	1.0915	1.0915	0.388477	2.1	2.1	0.151058	1.18183	1.18183	0.83656	1.16202	1.16202	0.845157	1.40738	1.40738	0.682317	0.745281	-1.34178	0.309939	0.507875	-1.96995	0.632111	0.708663	-1.41111	0.4898454	0.606043	-1.65005	0.733114	0.91992	1.71586	1
cg21235577	ADAMTSL3		0.674537		0.721806	1.39477	1.39477	0.111602	0.61671	1.61671	0.316752	2.62024	2.62024	0.818568	1.23843	1.23843	0.306324	0.373174	2.67972	0.89765	1.12724	1.12724	0.73204	1.30856	1.30856	0.830476	0.819108	-1.22084	0.603647	0.614184	-1.62818	0.733299	0.910598	12.1943	1
cg12026625	PLP2		0.674539		0.943194	1.06031	1.06031	0.753036	0.774482	-1.29119	0.733175	0.743825	-1.34483	0.941302	0.885493	-1.12935	0.847409	0.943483	-1.06021	0.954302	0.835405	0.947309	-1.05561	0.178394	0.628488	1.6018	1.6018	1.24106	0.705095	0.956009	-1.04645	0.932545	1.44077	1.44077	0.733287	1.05602	1.44077	1
cg20031364	SRCIN1		0.674549		0.798052	1.10212	1.10212	0.32093	1.47534	1.47534	0.84405	0.928034	-1.07755	0.92841	1.03395	1.03395	0.571525	1.24213	1.24213	0.284484	1.52443	1.52443	0.0805711	2.08535	2.08535	0.333399	1.45989	1.45989	0.952797	1.0227	1.0227	0.733282	1.67008	2.02449	1
cg27428304	SLC22A20		0.674566		0.167282	0.468328	-2.13525	0.320805	0.589438	-1.69653	0.264832	0.552128	-1.81117	0.376061	0.62619	-1.59696	0.578809	0.749044	-1.33503	0.20016	0.497899	-2.00844	0.306102	0.616407	-1.62231	0.227032	0.5202	-1.92234	0.578318	0.748759	-1.33554	0.733258	0.308368	3.73817	1
cg18678231	PKIG;PKIG;PKIG		0.674595		0.308038	0.647109	-1.54477	0.176736	0.3768	-2.65396	0.1986	0.29386	-3.40472	1.88713	1.88713	0.32915	3.03911	1.88713	0.884811	1.13275	0.290202	2.33035	2.11006	0.950845	0.581212	1.72048	1.72048	0.40012	2.40132	0.714452	1.29054	1.29054	0.733215	5.59453	6.76259	1
cg01145544	COL18A1;COL18A1;COL18A1		0.674618		0.673823	1.20694	1.20694	0.738447	1.16055	1.16055	0.0692828	0.405374	-2.46686	0.983156	0.990663	-1.00942	0.599547	0.790259	-1.26541	0.812001	1.11167	1.11167	0.302844	0.62238	-1.60673	0.880125	0.935148	-1.06935	0.605019	0.793097	-1.26088	0.733182	2.29224	2.77905	1
cg16264807	MTMR4		0.674638		0.178804	0.32175	-3.10802	0.0742514	1.85014	1.85014	0.563879	1.50432	1.50432	0.414473	0.539023	-1.8855	0.0947497	0.353123	-2.83179	0.472328	0.598349	-1.67099	0.0134065	0.466823	0.314585	0.0187371	0.464178	0.315355	0.0149053	0.576918	2.13315	0.733115	0.733115	8.87381	1
cg07815820	AKAP13;AKAP13;AKAP13		0.674638		0.69621	1.25364	1.25364	0.670243	1.27988	1.27988	0.188877	0.448462	-2.22988	0.586497	1.37218	1.37218	0.487749	0.66622	1.501	0.244106	0.81788	0.81788	0.393125	0.60413	-1.65527	0.977666	1.01633	1.01633	0.733744	0.733154	1.85374	4.67235	1
cg27162464	CHMP4A		0.674654		0.283355	1.73125	1.73125	0.904075	0.942597	-1.0609	0.936752	0.961675	-1.03985	0.996458	0.997817	-1.00219	0.541632	1.35558	1.35558	0.685602	0.818401	-1.22189	0.156359	2.10982	2.10982	0.217375	1.89464	1.89464	0.535859	0.734402	-1.36165	0.733132	2.81522	3.41333	1
cg27443878	PDCD4;PDCD4		0.674665		0.751941	1.32473	1.32473	0.5	1.12059	1.12059	0.740747	0.83253	-1.20147	0.70233	1.31184	1.31184	0.0999703	1.73396	1.73396	0.717467	1.13929	1.13929	0.781064	0.908484	1.10516	1.10516	0.771682	0.9005	-1.11036	0.972647	1.01238	1.01238	0.733115	0.733115	1.49534	1.81308	1
cg06422520	PGCP		0.674678		0.947706	0.978305	-1.02218	0.790747	0.91491	-1.093	0.222009	0.65109	-1.53589	0.979103	1.00871	1.00871	0.607074	1.18941	1.18941	0.815386	0.924769	-1.08135	0.473669	1.26172	1.26172	0.644107	1.76869	1.30044	0.733049	0.733049	1.29835	1.57426	1
cg26170014	HDAC7;HDAC7		0.674683		0.648287	1.27993	1.27993	0.174503	1.1689	1.1689	0.197364	0.81853	-1.22313	0.408411	1.58159	1.58159	0.0441726	1.94172	1.94172	0.936868	1.03051	1.03051	0.232848	0.622134	-1.60737	0.76522	1.12032	1.12032	0.371423	0.705982	-1.41647	0.733064	1.67095	2.02614	1
cg07559965	ZNRD1;NCRNA00171;ZNRD1		0.6747		0.770672	1.11727	1.11727	0.292771	1.51295	1.51295	0.361322	1.42759	1.42759	0.960266	1.01908	1.01908	0.350583	0.69455	-1.43978	0.936868	1.03051	1.03051	0.232848	0.622134	-1.60737	0.76522	1.12032	1.12032	0.371423	0.705982	-1.41647	0.733064	1.67095	2.02614	1
cg27447874	RELCH;KIAA0747		0.674714		0.911508	1.01386	1.01386	0.89494	1.11174	1.11374	0.958992	1.00639	1.00639	0.564418	1.07539	1.07539	0.613196	1.03983	1.03983	0.778384	0.894268	1.1823	0.215529	0.851315	1.17465	0.874363	0.976293	1.09377	0.264319	1.14491	1.15045	0.733083	0.417393	0.215712	1
cg09212000	MCF02;MCF02;TTC7A		0.674743		0.824526	0.956256	1.04556	0.918975	0.900548	-1.10924	0.397667	1.0814	1.0814	0.939432	0.949710	-1.05257	0.443219	1.00693	1.00693	0.707473	1.03466	1.03466	0.131121	0.154539	-6.47224	0.0135	0.0135	0.0135

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg06054720	HLA-DRB6		0.805262	1.44381	0.796585	1.44381	0.806677	-1.23965	0.885393	1.12946	1.12946	1.12946	0.785717	1.12946	0.797374	-1.25458	0.612664	1.12946	0.654034	-1.52897	0.266169	2.62105	0.623205	0.123318	0.40804	0.40804	0.406669	2.02579	0.025379	0.925377	1.08103	1.08103	0.733637	8.01475	0.73738	1
cg06380007	INO80		0.67571	0.880165	0.949575	-1.31051	0.562047	1.2227	1.2227	1.2227	0.772306	1.10463	1.10463	1.10463	0.756077	1.11279	1.11279	0.665089	0.861242	-1.16111	0.769807	1.10588	1.10588	0.353524	0.720798	-1.38735	0.649194	1.23104	1.23104	0.0787423	1.95349	1.95349	0.73161	1.36296	1.65597	1
cg21139845	C12orf57		0.675719	0.611669	1.10399	1.10399	0.481921	1.14811	1.14811	1.14811	0.486373	0.872258	-1.14645	0.599144	0.902585	-1.10793	0.352267	1.20318	1.20318		0.848201	1.03772	1.03772	0.521995	0.882144	-1.1336	0.162946	1.33348	1.33348	0.357547	1.20062	1.20062	0.731597	0.43265	0.525668	1
cg26070379	TMEM201		0.975743	0.395604	0.578691	-1.7283	0.198254	0.425267	-2.3531	0.655396	1.32619	1.32619	0.872923	1.32619	0.904234	-1.10591	0.421849	1.59687	1.67533		0.631225	0.737767	-1.3556	0.17062	0.399452	-2.50343	0.246792	0.460897	-2.1418	0.837469	1.13789	1.13789	0.731562	4.58253	0.56383	1
cg24845763	TRIM26		0.675749	0.543103	0.870536	-1.14872	0.606751	0.889637	-1.12405	0.899014	0.971808	-1.02901	0.491346	0.854332	-1.17051	0.625803	0.950598	-1.05197	0.799255	0.944218	-1.05908	0.0778916	1.5547	1.5547	0.625808	0.895216	-1.117705	0.556037	0.874483	-1.14353	0.731555	0.587791	0.714206	1
cg21243612	C9orf6		0.675751	0.367281	0.57886	-1.72753	0.35647	0.571297	-1.7504	0.782564	0.849333	-1.17739	0.876872	1.09584	1.09584	0.131561	0.382565	-2.61407	0.184331	0.437359	-2.28645	0.526713	0.684806	-1.46027	0.988752	0.991714	-1.00836	0.881407	0.516423	-1.9364	0.781551	0.43706	0.40553	1
cg06944096	FAM101A KIAA1984;LOC100131193;C9orf86;C9or		0.675756	0.674953	1.10411	1.10411	0.956951	1.01276	1.01276	1.01276	0.118163	0.671394	-1.48944	0.574103	0.875157	-1.14265	0.703693	1.09388	1.09388		0.975875	1.00713	1.00713	0.303645	1.28427	1.28427	0.333012	0.790965	-1.26428	0.872256	0.962917	-1.03851	0.731544	0.638915	0.776337	1
cg13392468	R6		0.675766	0.612676	0.750944	-1.33166	0.972393	1.01922	0.405551	0.620373	-1.61193	0.808708	1.14577	1.14577	0.119279	0.387329	-2.58178		0.327966	0.567501	-1.76211	0.472582	0.663719	-1.50666	0.850256	1.11186	1.11186	0.195114	0.463548	-2.15727	0.73153	3.64691	0.4314	1
cg25491987	FAM198B;FAM198B;FAM198B		0.675772	0.398122	0.599648	-1.66764	0.753677	1.20452	1.20452	0.127561	0.377577	-2.64847	0.312185	0.539016	-1.85523	0.686384	0.786671	-1.27118		0.984714	0.988739	-1.01139	0.696836	0.793392	-1.26041	0.337472	1.79417	1.79417	0.550266	0.69958	-1.42943	0.731521	4.04841	0.419162	1
cg08433673	NUDT18		0.675797	0.601424	0.871237	-1.14787	0.759867	1.42881	1.42881	0.216971	0.826797	1.36281	1.36281	0.878972	0.959335	-1.04249	0.657224	0.880759	-1.1239		0.365277	1.27545	1.27545	0.467502	0.829063	-1.20924	0.562155	1.16565	1.16565	0.731486	0.793456	0.862979	1
cg10451760	ZIC3		0.675797	0.970617	1.02567	1.05267	0.90827	0.816508	-1.17425	0.862995	0.786078	-1.27214	0.212259	0.24019	0.264709	0.676479	0.499836	4.99836		0.385746	0.289623	-3.45277	0.688284	0.570057	-1.75241	0.246464	0.414245	0.414245	0.492401	0.62428	0.624428	0.731485	0.224904	0.731485	0.731485	0.731485

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cg17316718	RPH3AL	0.676924	0.435054	1.78229	1.78229	0.278729	2.26424	2.26424	0.189257	0.3664545	2.74315	0.952432	1.04424	1.04424	0.8559936	1.14098	1.14098	0.578874	1.50205	1.50205	0.29142	2.21305	2.21305	0.474143	1.69589	1.69589	0.763841	0.803611	-1.24438	0.728863	6.08645	7.41259	1
cg04646455	DDX50	0.67694	0.500163	1.26643	1.26643	0.467419	0.774764	-1.29072	0.3322	1.41235	0.145255	0.800999	-1.24844	0.281694	1.47126	1.47126	0.230669	0.647928	-1.54338	0.785357	1.0988	1.0988	0.7688	0.768202	0.903028	-1.10739	0.704964	1.14029	1.14029	0.729841	1.37682	1.67686	1
cg11475493	ARRB2;ARRB2	0.676941	0.295794	1.18392	1.18392	0.989252	1.0021	1.0021	0.311206	0.8494553	-1.17723	0.727481	0.946976	-1.05599	0.815404	1.03709	1.03709	0.846731	0.970314	-1.03059	0.44489	0.885784	-1.12894	0.605592	0.0845	0.0845	0.161029	1.26255	1.26255	0.729839	0.280323	0.3414412	1
cg04798227	NCRNA00185	0.676947	0.304051	1.16881	1.16881	0.96883	?	?	0.210149	0.0224986	-44.4473	?	?	?	0.6766	0.6766	0.163712	0.56172	-1.78021	0.863481	1.62466	1.62466	0.908244	1.38411	1.38411	0.859812	0.607436	-1.64626	0.675715	53.9926	79.9043	1
cg22017639	ZNF395	0.676956	0.185707	0.692909	-1.44319	0.461489	0.82202	-1.21652	0.067351	0.8931116	-1.11968	0.886336	1.0381	1.0381	0.687617	0.899717	-1.11146	0.804777	0.937307	-1.06689	0.943507	1.01869	0.139274	1.51589	0.51589	0.731243	0.09433	0.19493	0.733782	0.790021	0.962215	1
cg13327503	DCP1B;DCP1B	0.676981	0.266776	0.825254	-1.21175	0.477033	1.12752	1.12752	0.505236	1.11877	1.11877	0.690463	0.935732	-1.0687	0.960605	0.991834	-1.00823	0.526559	0.898032	-1.11355	0.133851	0.764612	-1.30785	0.921126	0.01658	0.01658	0.635465	1.0825	1.0825	0.729782	0.3194497	0.387936	1
cg11203927	MKL1	0.676981	0.880037	0.976522	-1.02404	0.937613	0.987761	-1.01239	0.684071	0.93767	-1.06647	0.312536	1.17861	1.17861	0.233707	1.21702	1.21702	0.0991078	1.32899	1.32899	0.591085	1.08907	1.08907	0.998436	1.00031	1.00031	0.944254	0.98906	-1.01106	0.729781	0.286024	0.3483831	1
cg23100956	ARHGEF2;ARHGEF2;ARHGEF2	0.676983	0.179384	0.53737	-1.91706	0.765231	0.872905	-1.1456	0.640512	1.0318	1.0318	0.208836	0.565233	-1.76918	0.561576	0.55708	-1.97091	0.332152	0.635012	-1.57477	0.419809	0.709191	-1.42981	0.940977	0.640576	-1.5611	0.512755	0.739839	-1.35165	0.729779	2.58115	2.90029	1
cg24332422	APC;APC;APC	0.67687	0.552753	1.09036	1.09036	0.753847	0.955699	-1.04635	0.990562	0.8830059	-1.13243	0.937713	0.988805	-1.01132	0.752173	0.94669	-1.04669	0.402195	1.15345	1.13145	0.418451	1.12648	1.33597	0.865634	-1.15532	0.813576	1.225336	1.225336	0.729773	0.239822	0.292112	1
cg04770781	WTAP;WTAP;WTAP;WTAP;WTAP	0.676999	0.445292	1.10943	1.10943	0.598511	0.931544	-1.07349	0.922063	1.01315	1.01315	0.690617	0.948008	-1.05484	0.741955	1.04508	1.04508	0.710831	0.951516	-1.05095	0.660507	0.94272	-1.06076	0.127403	0.802519	-1.24608	0.176467	0.825491	-1.2114	0.729755	0.205855	0.250745	1
cg05688824	C9orf114	0.677002	0.619203	1.09166	1.09166	0.875478	1.12223	1.12223	0.984581	1.00318	1.00318	0.698076	1.04609	1.04609	0.829428	0.965201	1.03605	0.247298	1.21968	1.21968	0.811227	1.03906	1.03906	0.202128	0.96226	0.96226	0.729295	0.311501	0.379431	1
cg22678065	GPBAR1;GPBAR1;GPBAR1	0.677003	0.48242	0.516286	-1.93691	0.617489	0.523346	1.52346	0.838686	1.18582	1.18582	0.835838	0.840725	-1.18945	0.6873157	0.206323	-4.84677	0.598783	0.641515	-1.55881	0.467314	0.538806	0.915552	1.09852	1.09852	0.273666	0.385794	-2.59206	0.29775	0.87972	0.84169	1
cg18689402	ITPR1;ITPR1;ITPR1	0.677005	0.096916	0.523853	-1.95498	0.638885	0.700305	1.42795	0.602602	0.6378824	-1.48412	0.501954	1.67133	1.67133	0.947282	1.05111	1.05111	0.972243	0.974116	-1.02657	0.25447	0.603454	-2.45186	0.795468	1.21508	1.21508	0.6483117	1.35149	1.35149	0.729746	0.565279	0.7895056	1
cg08134592	AP2A2	0.67707	0.783495	0.752361	-1.32915	0.127979	0.47391	0.47391	0.305272	0.4163355	0.861463	0.834857	-1.19781	0.951373	1.06503	1.06503	1.06503	0.483564	0.453965	-2.20281	0.954188	0.942377	-1.06115	0.822745	0.793113	-1.26085	0.856442	0.829381	-1.20572	0.729744	12.3347	15.0246	1
cg13221588	TF2	0.67701	0.724306	0.922412	-1.08411	0.998262	1.0005	1.0005	0.46048	1.18432	1.18432	0.742515	1.07808	1.07808	0.118161	0.679148	-1.47243	0.481454	1.17726	1.17726	0.521199	1.159	1.159	0.96041	1.01138	1.01138	0.315397	1.26712	1.26712	0.729738	0.6011118	0.732217	1
cg19807883	MXRA;SBF1P1	0.677019	0.428809	1.19483	-1.13621	0.730063	0.883465	-1.13191	0.872105	0.9843838	-1.05953	0.729196	1.13284	1.13284	0.774782	0.902161	-1.11045	0.672676	1.16475	1.16475	0.171751	1.68561	1.68561	0.138573	1.77225	1.77225	0.940476	1.02716	1.02716	0.729727	1.48864	1.81333	1
cg14168983	CDH4	0.677028	0.769909	0.939665	-1.06421	0.495254	0.863351	-1.15828	0.963085	0.990228	-1.00987	0.813823	0.951176	-1.05133	0.729816	0.787897	-1.2692	0.148962	1.38875	1.38875	0.734258	1.07497	1.07497	0.419477	0.839436	-1.19128	0.400355	0.833051	-1.20041	0.729713	0.520311	0.633809	1
cg14727597	LOC100130987;CLCF1;CLCF1	0.677037	0.254288	0.350903	-2.84979	0.195359	0.299738	3.16625	0.196691	0.300343	-3.32953	0.201862	0.382072	-2.61731	0.291754	0.581993	-1.71782	0.634068	0.655815	-1.52462	0.445975	0.504865	-1.98071	0.915687	0.348712	-2.8677	0.471612	0.525086	-1.90445	0.729701	8.94452	10.8958	1
cg00685242	SIPA1	0.67703	0.16238	0.305519	-3.27435	0.452437	0.519847	-1.92564	0.088817	0.2211951	-4.52098	0.338095	0.464452	-2.23988	0.600247	0.65375	-1.52964	0.504437	0.580145	-1.72371	0.739554	0.764775	-1.30757	0.753138	0.779998	-1.28866	0.462512	0.550233	-1.81741	0.729651	7.46638	9.09584	1
cg26411436	ADAP1	0.67708	0.566029	1.50081	1.50081	0.417117	1.78666	1.78666	0.533143	0.6414891	-1.55887	0.238323	2.37352	2.37352	0.877128	0.897376	-1.11436	0.530358	1.56023	1.56023	0.546867	1.53216	1.53216	0.156964	2.88456	2.88456	0.262126	2.26667	2.26667	0.729636	5.65974	6.89506	1
cg19639576	MIR33B;SREBF1;SREBF1	0.677087	0.669413	0.788474	-1.26807	0.321975	1.063	1.063	0.191093	2.1386	2.1386	0.529802	1.44553	1.44553	0.630279	0.765725	-1.30595	0.969633	1.02117	1.02117	0.941903	0.583142	-1.71426	0.716753	1.12206	1.12206	0.577548	1.36299	1.36299	0.729629	3.50054	4.26462	1
cg04967982	OTUD7A	0.677095	0.815604	0.890641	-1.12279	0.233802	0.538571	-1.85676	0.45872	0.687941	-1.45361	0.82968	1.11271	1.30115	0.390159	0.587253	-1.70284	0.443848	1.4726	1.4726	0.233849	1.85664	1.85664	0.187287	0.891603	-1.12157	0.879503	1.07811	1.07811	0.729617	2.84023	3.46023	1
cg08224066	DHX15	0.677102	0.516382	0.780126	-1.28157	0.473854	0.860861	-1.16161	0.684873	0.8076065	-1.23883	0.550007	0.976723	-1.02383	0.910527	1.0252	1.0252	0.5312356	-1.88232	0.5312356	-1.88232	0.5312356	-1.88232	0.5312356	-1.88232	0.5312356	-1.88232	0.5312356	-1.88232	0.729705	0.852352	-1.17322	0.726605	1.48324	1.58424	1
cg13457217	MIR1322;PINK1	0.677116	0.155488	0.551916	-1.81187	0.979157	0.989836	-1.01027	0.974012	0.987342	-1.01282	0.475466	1.32814	1.32814	0.465992	1.33659	1.33659	0.723044	0.870097	-1.1493	0.488284	1.31697	1.31697	0.388847	0.707975	-1.41248	0.355834	0.689763	-1.44977	0.729587	1.76704	2.15286	1
cg12184049	POLRMT	0.677117	0.867752	0.956106	-1.04591	0.116869	1.58222	1.58222	0.227866	1.40624	1.40624	0.434124	1.23981	1.23981	0.257451	1.1748	1.1748	0.807531	1.06795	1.06795	0.799417	0.939719	-1.07099	0.426974	1.24416	1.24416	0.896817	1.03556	1.03556	0.729586	0.838231	1.02126	1
cg22787674	EBF3	0.677122	0.495681	1.50594	1.50594	0.823245	1.14157	1.14157	0.741958	1.06598	1.06598	0.558	1.34078	1.34078	0.76917	1.05709	1.05709	0.494472	1.03599	1.03599	0.731191	1.0191	1.0191	0.195982	1.2463	1.2463	0.225522	1.12401	1.12401	0.729582	0.44709	0.59116	1
cg02289200	LMNA;LMNA;LMNA	0.677123	0.699116	0.900173	-1.1109	0.168581	0.672166	-1.48773	0.581543	0.8600582	-1.16268	0.540572	0.845563	-1.18264	0.669706	0.577431	-1.73181	0.552774	0.849926	-1.17657	0.704068	0.901826	-1.10886	0.559707	0.85239	-1.17317	0.422141	0.800892	-1.24861	0.729577	0.847023	1.03223	1
cg08859125	FAM73A	0.677134	0.988544	0.989616	-1.01049	0.2208	1.0838	1.0838	0.88101	0.9988013	-1.11245	0.378533	1.35326	1.82782	0.979746	1.01863	1.01863	0.867186	1.1945	1.12945	0.768373	1.24916	1.24916	0.377184	1.24916	1.24916	0.377562	1.61158	1.61158	0.729419	3.47596	4.61158	1
cg04550740	MYO5A;MYO5A	0.677149	0.213116	0.28115	0.191797	-5.08702	0.172802	-0.10966	0.548103	1.1217	1.1217	0.693193	0.107781	0.239166	0.126231	0.26229	0.26229	0.741995	1.06442	1.06442	0.779405	1.05447	1.05447	0.637276	0.09792	0.10792	0.083667	1.43585	1.43585	0.729539	0.41256	0.502673	1
cg03182688	SLFN12L	0.677164	0.759374	0.889418	-1.12433	0.10506	0.508886	-1.96518	0.686023	1.16768	1.16768	0.624842	1.20682	1.20682	0.903724	0.954892	-1.04724	0.86075	0.935219	-1.06927	0.646294	0.838405	-1.19274	0.208409	0.602984	-1.65842	0.585684	1.23162	1.23162	0.729519	1.68103	2.04827	1
cg26908834	CSK;CSK	0.677167	0.530572	1.10453	1.10453	0.762931	1.12112	1.12112	0.422838	1.13105	1.13105	0.504245	0.901948	1.14775	0.329973	1.14775	1.14775	1.23686	1.23686	0.778824	0.95165	1.04966	1.04966	0.829716	0.267925	0.267925	0.032467	0.26547	0.26547	0.729517	0.032457	0.032457	1
cg25827022	TNK1	0.677172	0.719718	0.93981	-1.06404	0.148003	0.30563	1.30563	0.386585	1.16521	1.16521	0.720307	1.0639	1.0639	0.599594	1.07926	1.07926	0.233347	1.2402	1.2402	0.668331	0.928437	-1.07708	0.493947	0.887211	-1.12713	0.521095	1.11857	1.11857	0.729506	0.342907	0.417825	1
cg01008405	CXXC5	0.677184	0.914925	0.944553	-1.05946	0.0574	0.856456	1.16066	0.737066	1.14567	1.14567	0.872842	1.03145	1.03145	0.128928	0.525266	1.9038	0.558354	1.79346	1.79346	0.266353	0.654238	1.52849	0.604497	0.824005	1.21341	0.657445	1.24905	1.24905	0.729503	1.58324	1.98024	1
cg13319042	SPARC	0.677178	0.664451	0.757453	-1.32021	0.413971	0.587691	-1.70157	0.220454	0.440443	-2.27044	0.685676	1.29561	1.29561	0.250887	0.465979	2.14602	0.998139	0.998516	-1.00149	0.353465	0.544616	-1.83615	0.349308	1.84642	1.84642	0.504855	0.650046	-1.53835	0.729498	4.68071	5.70341	1
cg07233343	ARHGEF10L;ARHGEF10L	0.677186	0.763505	0.802553	-1.24602	0.331238	0.207663	2.07663	0.22322	0.52418	2.5418	0.608126	0.685928	-1.45788	0.256274	0.421571	-2.37208	0.549736	0.643291	-1.55451	0.599821	0.679842	-1.47093	0.878215	0.894247	-1.11826	0.426399	0.553225	-1.80758	0.729487	0.613869	0.748071	1
cg02185053	FAM49B	0.677192	0.753135	0.8025	-1.24594	0.212241	0.821121	1.82121	0.407758	1.83888	1.83888	0.829943	1.21561	1.21561	0.102009	0.2943	3.3613	0.631709	0.717948	-1.39298	0.131025	0.31757	0.31757	0.346084	0.31757	0.31757	0.346084	0.31757	0.31757	0.729482	0.51858	0.51959	1
cg10470963	ANKRD54;MIR658	0.677215	0.803962	0.961313	-1.04024	0.546919	1.10154	1.10154	0.676658	1.0688	1.0688	0.449131	1.08499	-1.11733	0.862526	1.02788	1.02788	0.508653	0.899094	-1.11223	0.553352	0.909299	-1.09975	0.73943	1.25832	1.25832	0.217705	1.22841	1.22841	0.729444	0.290746	0.354298	1
cg24503294	PTPRN2;PTPRN2;PTPRN2	0.677225	0.828062	0.949853	-1.05049	0.27089	0.737443	1.73943	0.347003	2.6048	2.6048	0.807807	1.83391E-18	2.6048	0.807807	0.895741	2.6048	0.534704	1.87005	1.87005	0.0988213	0.532324	1.87005	1.87005	0.0988213	0.532324	1.87005	1.87005	0.0988213	0.532324	1.87005	0.729481	0.39151	0.472938	1
cg23553385	IFIH1	0.677225	0.205799	0.712633	-1.40325	0.508555	0.843466	-1.18558	0.830952	0.9748113	-1.05577	0.997833	0.802724	-1.24576	0.687956	0.902593	-1.10792	0.305018	0.763672	-1.30946	0.137362	0.692309	-1.44434	0.154089	0.676554	-1.47808	0.443527	0.820122	-1.21933	0.729423	0.744352	0.907073	1
cg03548447	MAP2K6	0.67723	0.264957	0.800026	-1.24996	0.900691	0.976331	-1.02426	0.322183	1.21754	1.21754	0.376764	1.19027	1.19027	0.628797	0.916095	-1.09806	0.462808	1.15434	1.15434	0.900936	1.0242	1.0242	0.27924	1.24115	1.24115	0.400647	1.17965	1.17965	0.729423	0.426048	0.51919	1
cg24830284	BBS9;BBS9;BBS9;BBS9	0.677242	0.858704	0.938605	-1.06533	0.588609	0.863663	-1.15756	0.478693	0.8645145	-1.15639	0.637355	1.32689	1.32689	0.300504	1.32689	1.32689	0.443699	0.597877	-1.67259	0.972387	1.0232	1.0232	0.358004	1.42685	1.42685	-1.87096	0.160834	0.370578	2.69848	0.826096	0.74045	0.183347	1
cg25790212	IGSF9B	0.677255	0.808801	1.03891	1.03891	0.48539	0.455109	-2.19728	0.053216	0.1940611	11.4606	11.4606	0.8021	1.32163	1.32163	0.944562	1.08028	1.08028	0.931912	0.909472	-1.09954	0.815178	1.2962	1.2962	0.474104	1.24431	1.24431	0.788053	1.34881	1.34881	0.729387	1.24244	1.37594	1
cg09882074	LOC591001	0.677264	0.406007	0.731204	-1.36753	0.47244	0.77494	1.29114	0.366515	0.6525385	1.53237	0.833633	0.751984	1.33048	0.34678	0.769317	1.30015	0.611473	0.633633	1.57784	0.229232	0.558844	1.78955	0.14924	0.16091	1.6161	0.163716	0.725285	1.37872	1.37872	0.72938	0.47439	0.93116	1
cg18305333	C11orf83;C11orf48	0.677261	0.525265	0.830567	-1.204	0.293014	0.730083	-1.36971	0.544398	0.837832	-1.19356	0.922688	1.02839	1.02839	0.607583	0.861242	-1.16111	0.788629	1.08057	1.08057	0.983571	1.00596	1.00596	0.65035	0.876691	-1.14065	0.107394	1.65993	1.65993	0.729378	0.960765	1.17088	1
cg24470929	LAPTM4B	0.677264	0.78306	0.949716	-1.05392	0.611885	1.09694	1.09694	0.511149	0.9675371	-1.03305	0.864514	0.904613	-1.10534	0.607739	0.898566	-1.11288	0.737312	0.752131	0.929604	-1.07562	0.835809	1.04379	1.04379	0.915046	0.915046	0.607127	0.921993	-1.08467	0.868761	0.91053	1.0353	0.729372	0.492962	0.607775	1
cg17344420	IQCE;IQCE	0.677268	0.750372	1.17921	1.17921	0.41688	1.19681	1.19681	0.36478	1.16481	1.16481	0.5794	1.57947	1.57947	0.294244	1.92186	1.65828	0.794066	1.25934	1.25934	0.0966	1.65828	1.65828	0.564408	1.35231	1.35231	0.675279	2.43491	2.43491	0.729368	3.00828	3.60705	1
cg24629941	CUX1;CUX1;CUX1	0.677312	0.879989	1.13433	1.13433	0.290405	2.49757	2.49757	0.203502	3.06394	3.06394	0.886219	1.12687	1.12687	0.228909	0.34877	-2.86722	0.591188	1.57196	1.57196	0.587356	0.633122	-1.57947	0.717363	0.738409	-1.35426	0.653982	0.686338	-1.45701	0.729305	0.83828	0.97719	1
cg09521145	SEMA3A	0.677315	0.958641	0.976119	-1.02435	0.896224	0.987687	-1.01247	0.128973	0.8358897	-1.19635	0.776453	1.07053	-1.03823	0.157359	0.864323	-1.15637	0.519544	1.06396	1.06396	0.0911	1.1846	1.1846	0.0573	0.945284	-1.05816	0.729216	0.626925	0.945089	-1.0581	0.729209	0.102649	0.1132641	1
cg11848113	DPC;	0.677335	0.442245	0.633811	-1.57776	0.304523	0.518555	-1.85682	0.878901	1.09279	1.09279	0.588258	1.37453	1.37453	0.279246	0.515989	1.9246	0.787525	0.853338	-1.17187	0.363701	0.580838	1.72165	0.138612	0.395392	-2.52914	0.83429	1.12967	1.12967	0.729272	3.91229	4.76858	1
cg04380143	KIAA1033	0.677352	0.353703	1.56217	1.56217	0.548143	0.736153	1.35841	0.107661	1.21026	1.21026	0.885392	0.992194	-1.00787	0.946301	0.992194	-1.00787	0.886566	0.6839	-1.46232	0.970505	1.00347	1.00347	-1.00347	0.903027	1.00347	1.00347	0.904364	0.538591	1.30542	1.30542	0.729248	2.21655	2.57964	1
cg12266053	TMEM20;TMEM20	0.677358	0.99285337	1.568206	-1.75992	0.762106	1.09726	1.09726	0.47969	1.15152	1.15152	0.741003	0.903571	-1.10672	0.886764	1.40237	1.40237	0.728772	1.2129	1.2129	0.722774	0.896826	-1.11504	0.889011	1.04361	1.04361	0.492472	1.80808	-1.23752	0.729237	1.07938	1.31569	1
cg17440939	NHLRC3;C13orf23;C13orf23;NHLRC3	0.677362	0.392925	1.20354	1.20354	0.917147	0.978213	-1.02227	0.920796	1.02128	1.02128	0.876851	1.06467	1.06467	0.659848	1.09829	1.09829	0.53103	1.14377	1.14377	0.169005	0.733295	0.733295	-1.36371	0.189002	0.744846	-1.34256	0.931425	1.01839	1.01839	0.729233	0.517555	0.630867	1
cg18441661	VGLL2;VGLL2	0.677365	0.296411	1.39702	1.39702	0.716274	1.27275	1.27275	0.76555	0.9158982	1.04415	1.04415	0.867412	0.991347	1.0068	1.02358	1.02358	0.957008	1.01316	1.01316	0.870118	1.18298	1.18298	0.0	0.829561	1.18298	0.711499	0.852527	-1.17284	0.729229	1.3043	1.59687	1
cg17530337	DHX37	0.677365	0.721821	1.42221	1.42221	0.269281	0.32191	-3.10646	0.76119	1.35029	1.35029	0.783803	0.762643	-1.31123	0.958913	1.05207	1.05207	0.180084	0.246251	-4.06089	0.670889	1.52367	1.52367	0.692703	1.47895	1.47895	0.185443	0.250713	-3.98863	0.729229	11.2108	13.6653	1
cg21313298	MAML3	0.677382	0.662782	0.887454	-1.11265	0.602721	1.13627	1.13627	0.339979	1.27029	1.27029	0.386668	0.805832	-1.24095	0.260763	0.753756	-1.33222	0.776532	1.07168	1.07168	0.748365	0.745664	1.34197	0.490865	1.18559	1.18559	0.729207	0.683511	0.833187	1
cg13530847	SHANK2;SHANK2	0.677392	0.721629	1.18373	1.18373	0.48683	1.3953	1.3953	0.530931	1.34886	1.34886	0.404385	1.49521	0.625244	0.792874	0.26123	-3.82742	0.34532	0.978432	1.01283	0.11283	0.883976	1.30015	1.10015	0.129193	0.5673	3.12955	1
cg03895690	MBTPS1	0.677391	0.139311	2.3142	2.3142	0.910055	1.06049	1.06049	0.305267	1.74452	1.74452	0.102289	2.57401	2.57401	0.541108	1.38152	1.38152	0.324321	1.12294	1.12294	0.933847	1.04424	1.04424	0.740921	1.18898	1.18898	0.749515	1.18188	1.18188	0.729791	3.07606	3.27832	1
cg03939297	HCFC2	0.677412	0.789084	0.794375	-1.25864	0.714691	-1.74173	0.39921	0.429612	0.8125755	-1.23039	0.894218	0.920357	-1.08646	0.742866	1.34629	-1.87175	0.605738	1.74653	1.74653	0.572533	0.929603	-1.07562	0.729548	1.45002	1.45002	0.514572	1.32304	1.32304	0.729787	0.763323	0.930865	1
cg11530122	CLDN14;CLDN14;CLDN14	0.677424	0.876327	1.04608	1.04608	0.15666	1.54997	1.54997	0.268913	1.39524	1.39524	0.882945	0.958278	-1.04354	0.119304	1.63065	1.63065	0.843864	1.0587	1.0587	0.982005	0.998252	0.998252	0.998252	0.998252	0.998252	0.998252	0.998252	0.998252	0.729782	0.0	0.0	1
cg08801691	VGLL4;VGLL4;VGLL4;VGLL4	0.677434	0.39734	1.41243	1.41243	0.7161	1.54121	1.54121	0.261184	1.50418	1.50418	0.16076	2.08586	1.07496	1.07496	0.442939	1.54003	0.4008	1.07496	1.07496	0.647843	1.54003	1.54003	0.647843	1.54003	1.54003	0.647843	1.54003	1.54003	0.729781	0.510023	0.580554	1
cg09985635	PCDH1;PCDH1 PSK2;PSK2;PSK2;PSK2;PSK2;PSK2;PSK2;P	0.677461	0.213454	1.36942	1.36942	0.882259	1.0362	1.0362	0.583699	1.14202	1.14202	0.786388	1.06736	1.06736	0.323951	1.27693	1.27693	0.770263	1.0728	0.452758	0.832306	-1.20148	0.117369	1.50404	1.50404	0.647198	1.16192	1.11692	0.729091	0.664962	0.810705	1
cg07854244	SK2;PSK2 BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL	0.677493	0.427997	1.20584	1.20584	0.53686	1.13668	1.13668	0.269573	1.30465	1.30465	0.773012	1.06918	1.06918	0.0956416	1.52713	1.52713	0.550621	1.1499	1.1499	0.614959	0.889305	-1.12447	0.676897	1.10178	1.10178	0.291634	1.28801	1.28801	0.729045	0.617766	0.753212	1
cg17973164	4	0.677496	0.287149	1.43953	1.43953	0.963689	1.01512	1.01512	0.270856	1.4592	1.4592	0.280787	1.44707	1.44707	0.368977	1.35548	1.35548	0.410493	0.757736

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2317 vs. N)	p-value(347 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg06443444	NKAIN1	0.678133	0.230861	0.775209	-1.29031	0.2232399	1.29698	1.29698	0.377651	1.2015	1.2015	0.741952	0.93519	-1.0693	0.852074	0.962852	-1.03858	0.388776	1.19616	1.19616	0.49829	1.1496	1.1496	0.619302	0.908713	-1.10046	0.981186	0.995229	-1.00479	0.728125	0.47423	0.578037	1
cg12316147	PGBD5	0.678136	0.861072	0.963113	-1.0383	0.112086	0.689897	-1.44949	0.913535	0.976965	-1.02358	0.814995	0.10558	1.01568	0.951667	1.05079		0.608356	0.895035	-1.11727	0.396925	1.20457	1.20457	0.416887	0.836928	-1.19485	0.375526	1.21548	1.21548	0.208324	0.583074	0.64809	1
cg02886593	SDK2	0.67814	0.572062	0.629696	-1.58807	0.159522	3.37939	3.37939	0.18398	3.13222	3.13222	0.450697	0.536568	-1.8637	0.801138	0.815097	-1.22685	0.954524	1.04728	1.04728	0.889426	0.89343	-1.11928	0.851523	1.16391	1.16391	0.481894	1.78432	1.78432	0.728115	7.5673	9.23822	1
cg12523733	CTTN;CTTN	0.678198	0.618998	0.864767	-1.15638	0.77275	0.919567	-1.08737	0.815087	0.934415	-1.07059	0.637016	0.871321	-1.14768	0.157544	1.55589	1.55589	0.475164	1.23461	1.23461	0.207261	1.47424	1.47424	0.858077	1.05319	1.05319	0.591116	0.854521	-1.17025	0.728675	0.946099	1.01049	1
cg04591119	AMD1;AMD1	0.678149	0.965245	0.99215	-1.00791	0.703774	0.933234	-1.07154	0.959813	1.00916	1.00916	0.346439	0.839143	-1.19169	0.106207	1.37592	1.37592	0.910829	1.02047	1.02047	0.449862	0.860987	-1.14944	0.382423	0.850422	-1.17589	0.994645	1.00121	1.00121	0.728102	0.377279	0.460594	1
cg01029669	PNMA1;2	0.678154	0.554462	1.35785	1.35785	0.239869	1.87693	1.87693	0.403651	1.5484	1.5484	0.365303	1.60948	1.60948	0.130704	1.67114	1.67114	0.358303	1.6214	1.6214	0.0842569	2.65707	2.65707	0.693694	1.22448	1.22448	0.578546	1.13256	1.13256	0.728095	3.01846	3.68507	1
cg18069268	NUAK1	0.678164	0.972977	0.971268	-1.02958	0.194974	0.307331	-3.25382	0.263478	0.366681	-2.72717	0.717101	1.36776	1.36776	0.727257	1.35169	1.35169	0.861992	0.860921	-1.16155	0.91481	0.912019	-1.09647	0.737931	1.33551	1.33551	0.192634	3.27643	3.27643	0.72808	8.54142	10.4279	1
cg16472850	CNTN5;CNTN5	0.678167	0.517054	0.585481	-1.708	0.249078	2.66915	2.66915	0.753825	0.773855	-1.29223	0.164219	0.35196	3.35196	0.438061	3.60525	3.60525	0.836803	0.845283	-1.18304	0.491797	0.567623	-1.76173	0.612992	1.51537	1.51537	0.731415	0.75519	-1.32417	0.728075	7.65793	9.34997	1
cg09972864	FGF9	0.678173	0.394367	1.23842	1.23842	0.551261	1.15924	1.15924	0.675814	0.902048	-1.10859	0.519529	1.17356	1.17356	0.713536	1.09469	1.09469	0.746698	1.08268	1.08268	0.381041	0.802331	-1.24637	0.368723	1.25395	1.25395	0.119605	1.51279	1.51279	0.728067	0.692802	0.845834	1
cg13127713	LGI2	0.678198	0.671075	0.885657	-1.12911	0.204478	0.683439	-1.46319	0.969721	1.01085	1.01085	0.616235	0.866199	-1.15447	0.802589	0.931272	-1.0738	0.560448	0.845916	-1.18215	0.258312	0.715142	-1.39832	0.375038	1.381	1.381	0.472591	1.23081	1.23081	0.728031	0.931663	1.13751	1
cg06589246	SERAC1;SERAC1;GTF2H5	0.678212	0.733928	0.744973	-1.34255	0.471964	0.523398	-1.91857	0.862071	1.21356	1.21356	0.615717	0.893403	-1.11949	0.303541	1.26997	1.26997	0.893141	0.910688	-1.09842	0.776611	1.08561	1.08561	0.921104	1.17869	1.17869	0.729704	1.73255	0.99187	1.73255	6.88182	1
cg12158889	SUCLG1	0.678215	0.902025	0.960989	-1.04059	0.510643	1.31153	1.31153	0.882151	1.76235	1.76235	0.543928	1.28358	1.28358	0.273822	0.632777	-1.58033	0.374537	0.690424	-1.44839	0.59429	0.803726	-1.2442	0.573646	0.793676	-1.25996	0.809064	1.10339	1.10339	0.728008	1.9046	2.3255	1
cg01736252	TFCP2;TFCP2L1;TFCP2;TFCP2L1;TFCP2;TFCP2L1;

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cg15595495	HLA-G	0.679109	0.716841	1.03643	1.10643	1.752351	1.09188	1.09188	0.471571	0.8150994	-1.2255	0.816094	0.937358	-1.06683	0.654894	0.682563	-1.13306	0.385477	0.781096	-1.28025	0.216148	1.43538	1.43538	0.884303	0.780509	-1.28121	0.286078	1.93936	1.93936	0.726723	0.887457	1.08549	1
cg18051035	PLXNB1;PLXNB1	0.679134	0.432955	1.3658	0.522976	0.777089	-1.28685	0.716376	0.867501	-1.15274	0.794949	1.10679	0.716023	0.876502	-1.1409	0.540773	1.2728	1.2728	0.07355005	2.17536	2.17536	0.616569	1.21734	1.21734	0.936783	1.03138	1.03138	1.68266	1.74666	2.13653	1
cg06219177	ACBD5;ACBD5;ACBD5	0.679135	0.772191	0.918702	-1.08849	0.284117	0.722504	-1.38408	0.319938	0.740664	-1.35014	0.763451	0.91561	-1.09217	0.674483	1.13133	1.13133	0.406393	0.780279	-1.28159	0.405021	0.779686	-1.28257	0.648837	1.1433	1.1433	0.238725	1.43396	1.43396	0.726685	0.982001	1.20119	1
cg21843347	LTBP1	0.679136	0.632534	0.840067	-1.19038	0.673995	1.16541	1.16541	0.736441	1.12998	1.12998	1.123824	1.834636	1.834636	0.223689	0.629742	-1.58795	0.394314	0.997046	-1.00256	0.464319	1.30921	1.30921	0.796839	0.910896	-1.09782	0.846512	1.07262	1.07262	0.726683	1.50615	1.84235	1
cg13434714	LEPREL2	0.679142	0.240312	1.70954	1.70954	0.768171	0.879039	-1.13761	0.968719	0.983042	-1.01725	0.181588	1.85619	1.85619	0.496021	1.35187	1.35187	0.158928	1.92843	1.92843	0.857827	0.924769	-1.08135	0.869161	0.930619	-1.07455	0.538519	1.32109	1.32109	0.726676	2.18947	2.67822	1
cg21052383	DCUN1D2	0.679142	0.78258	0.840463	-1.18982	0.928563	0.945219	-1.05796	0.948902	1.83285	1.83285	0.784088	1.88834	1.88834	0.421686	0.597086	-1.6748	0.590305	0.710712	-1.40704	0.247632	0.467934	-2.13705	0.158984	0.388361	-2.57491	0.677548	1.30046	1.30046	0.726675	4.54301	5.55713	1
cg06119296	C10orf62;DHDPSL;DHDPSL	0.67917	0.216744	0.347309	-2.87928	0.579918	0.634512	-1.57601	0.736523	0.759752	-1.31622	0.547036	0.609053	-1.64189	0.135431	0.269994	-3.70378	0.203099	0.335152	-2.98372	0.817335	0.828841	-1.20713	0.211729	0.342869	-2.91656	0.705638	0.73436	-1.36173	0.726635	7.61873	9.31996	1
cg12037129	CNIH3	0.679173	0.868925	1.03205	1.03205	0.781482	1.07146	1.07146	0.883689	1.0645155	-1.00705	0.781627	1.07146	1.07146	0.707441	0.875403	1.03972	1.03972	0.262768	1.3362	1.3362	0.726891	1.42806	1.42806	0.907366	0.975518	-1.02932	0.09696906	1.565	1.565	0.726631	0.709129	0.867479	1
cg15507563	SERGEF	0.679175	0.401367	0.940561	-1.02404	0.44088	1.90634	1.90634	0.163985	3.32053	3.32053	0.665465	1.609697	1.429119	0.278077	0.396177	-2.52412	0.931761	0.93211	-1.07283	0.886949	1.12386	1.12386	0.945877	-1.05722	0.449647	0.513132	1.88213	0.726628	7.75511	9.48688	1
cg04060571	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC AR1;BCAR1;BCAR1;BCAR1	0.679176	0.415131	1.49278	1.49278	0.260151	0.568395	-1.75934	0.292882	1.69019	1.69019	0.250607	1.78142	1.78142	0.715606	0.838623	-1.19243	0.968211	0.981015	-1.01935	0.979741	0.987861	-1.01229	0.35668	1.5777	1.5777	0.592871	1.2964	1.2964	0.726626	2.66234	3.25686	1
cg24303768	SLN	0.679179	0.984529	0.975911	-1.02468	0.480192	0.405562	-2.46571	0.435456	0.367662	-2.71989	0.613503	1.89736	1.89736	0.327917	0.280859	-3.5605	0.674157	1.70194	1.70194	0.172641	0.161188	-6.20392	0.347285	0.37697	0.37697	0.796777	1.38336	1.38336	0.726622	18.1982	22.2621	1
cg11351900	SH3PXD2B	0.679218	0.643564	1.28104	1.28104	0.753912	1.18193	1.18193	0.3640926	3.420982	3.420982	0.900002	1.0661	1.0661	0.916684	1.05739	1.05739	0.7623	0.85109	-1.17496	0.760108	1.22129	1.22129	0.766899	1.17961	1.17961	0.437691	1.52316	1.52316	0.72662	3.25118	3.97724	1
cg02537726	ZNF599	0.679224	0.668057	1.14222	1.14222	0.16537	1.57791	1.57791	0.330393	1.36287	1.36287	0.899542	1.0397	1.0397	0.442791	1.27279	1.27279	0.665475	0.874512	-1.14349	0.464273	1.25809	1.25809	0.580325	1.18785	1.18785	0.129215	1.65755	1.65755	0.726572	1.09338	1.33764	1
cg01442334	CCDC109B	0.679222	0.204273	0.794894	-1.25803	0.314755	0.83684	-1.19497	0.581366	1.00812	1.00812	0.541677	0.899556	-1.11166	0.929262	0.896551	-1.11539	0.600383	1.0948	1.0948	0.932826	1.01455	1.01455	0.537653	1.11286	1.11286	0.176506	0.337834	0.413314	1
cg15988350	FOXJ2	0.679226	0.768782	1.12813	1.12813	0.78218	0.882999	-1.13252	0.772154	0.877739	-1.13924	0.375525	0.662345	-1.50979	0.523234	0.749	-1.33503	0.645388	1.23127	1.23127	0.307225	0.550361	-1.81699	0.868531	0.928318	-1.07722	0.16984	1.92805	1.92805	0.726555	2.31977	2.83807	1
cg21902627	TSC22D3	0.679235	0.190805	0.247625	-4.03837	0.662261	1.55718	1.55718	0.583653	0.572521	-1.74666	0.379789	2.47902	2.47902	0.69686	1.48361	1.48361	0.179555	0.237774	-4.20568	0.546311	0.540526	-1.85005	0.797389	0.771644	-1.29594	0.722201	0.697883	-1.43291	0.726542	11.6834	14.2941	1
cg16075540	LYN;LYN	0.679243	0.955055	1.01193	1.01193	0.314385	1.14754	1.14754	1.16345	0.290736	1.17297	1.17297	0.197112	5.07811	0.196955	5.07811	0.197112	1.21947	1.21947	0.820147	0.539134	0.29468	-3.39468	1.10969	0.838815	1.03008	0.146746	1.25436	0.76713	0.957708	-1.04506	0.370943	1.14334	1.14334	0.726531	0.24064	0.298087	1
cg02026562	UGALS1	0.679259	0.153393	0.972247	-1.29045	0.733473	1.42094	1.42094	1.2094	0.576982	0.732563	-1.36507	0.237511	0.866013	0.16366	0.597086	-1.67458	0.618237	0.756176	-1.32244	0.456358	0.643057	-1.55507	0.941178	0.579483	-1.72568	0.630889	0.763914	-1.30905	0.726507	3.56057	4.35639	1
cg17487993	HDGF;HDGF;HDGF;HDGF	0.679266	0.197222	2.51062	2.51062	0.896606	1.09176	1.09176	0.763636	1.22587	1.22587	0.685438	1.31651	1.31651	7	7	7	0.939644	1.05247	1.05247	0.211595	0.411209	-2.43185	0.63872	1.37619	1.37619	0.315186	2.01642	2.01642	0.711431	4.56703	6.4195	1
cg05195318	CYFIP2;CYFIP2;CYFIP2	0.679267	0.821625	1.20674	1.20674	0.445909	0.52336	-1.9088	0.649203	2.22995	2.22995	0.499617	0.562365	-1.77852	0.83094	1.20357	-1.19473	0.844991	1.17692	1.17692	0.370767	0.297057	-3.36636	0.277106	2.56772	2.56772	0.068092	0.967866	1.0132	0.726645	9.74961	1
cg19539318	DYNC1I2	0.679278	0.524325	1.35032	1.35032	0.207933	1.8553	1.8553	0.105288	2.27915	2.27915	0.897077	0.941537	-1.06209	0.631369	1.25235	1.25235	0.70228	1.19575	1.19575	0.832896	0.904891	-1.10633	0.499552	0.726903	-1.3757	0.653036	1.23447	1.23447	0.726479	2.49302	3.05035	1
cg08993079	ADAM12;ADAM12	0.679282	0.252793	0.424554	-2.35392	0.104556	2.62339	2.62339	0.384715	0.362289	2.76008	0.31184	3.207558	0.724995	1.37932	0.597086	0.670167	-1.49172	0.702405	0.759833	-1.31608	0.744955	1.34261	0.448561	-2.04263	0.48375	0.75	-1.08838	0.726475	5.88696	7.10627	1
cg04256316	SIPA1	0.679289	0.858759	1.13317	1.13317	0.629719	0.711094	-1.40628	0.651914	0.727086	-1.37535	0.768785	0.81311	-1.22985	0.229336	0.41259	-2.42371	0.192996	1.57295	1.57295	0.55273	0.21871	1.21871	0.400034	0.753336	-1.32743	0.489313	1.25977	1.25977	0.726444	1.24373	1.52185	1
cg18175410	C18orf8	0.679303	0.676313	1.14803	1.14803	0.174641	1.60756	1.60756	0.452461	1.28616	1.28616	0.772299	1.1001	1.1001	0.156775	1.36564	1.36564	?	?	?	?	?	?	0.243084	0.432966	-2.30965	0.947983	1.04573	1.04573	0.824824	1.856022	0.419169	0.400569	0.726502	4.60059	6.61141	1
cg04026840	MRK30;MIITD1	0.679309	?	0.626767	1.59603	0.343641	2.33396	2.33396	0.428613	2.33396	2.33396	0.428613	1.36087	1.36087	0.352382	0.43556	-2.29724	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg00162231	SLC6A1	0.679309	0.684755	0.682146	-1.46596	0.134291	0.220204	-4.54124	0.467477	1.99944	1.99944	0.394102	0.441223	-2.26643	0.769234	0.758042	-1.31745	?	?	?	?	?	?	0.876288	1.15759	1.15759	0.712665	1.41433	1.41433	0.692535	7.49228	12.3642	1
cg02967813	C10orf51;COLEC11	0.679313	0.311199	1.62653	1.62653	0.88649	1.94375	1.94375	1.34884	0.837073	1.83728	1.83728	0.554691	0.837284	-1.1438	0.697883	-1.43258	0.355337	1.23836	1.23836	0.828284	0.55006	1.05006	0.867885	0.826651	-1.2097	0.56704	0.880003	0.774759	0.581073	0.774759	1
cg18991912	SCARNA11;CHD4	0.679329	0.352607	0.706695	-1.41504	0.255111	0.649713	-1.53914	0.687148	1.15828	1.15828	0.218348	0.625053	-1.59896	0.782819	0.904579	-1.10549	0.626377	1.1949	1.1949	0.974867	0.988631	-1.0115	0.365525	0.40135	-2.40115	0.455518	0.758922	1.31766	0.726406	1.51544	1.85441	1
cg02519037	TACC2;TACC2	0.679334	0.989398	1.00209	1.00209	0.627457	0.925894	-1.08004	0.649241	1.07475	1.07475	0.215421	1.22787	1.22787	0.713283	0.943552	-1.05983	0.145913	1.27862	1.27862	0.78883	0.958618	-1.04317	0.763116	0.953526	-1.04874	0.411623	0.876191	-1.1413	0.726399	0.285158	0.348945	1
cg19449172	THOC7;ATXN7;ATXN7	0.679334	0.381097	1.35159	1.35159	0.41525	1.15175	-1.1284	0.524409	0.904599	-1.24286	0.542466	1.85476	1.85476	0.882189	1.07046	1.07046	0.844991	1.17692	1.17692	0.370767	0.297057	-3.36636	0.277106	2.56772	2.56772	0.068092	0.967866	1.0132	0.726495	7.96843	9.74961	1
cg19453872	USP19	0.679337	0.119116	2.46249	2.46249	0.296762	1.77958	1.77958	0.291774	1.79106	1.79106	0.778725	1.16193	1.16193	0.333715	1.70101	1.70101	0.70228	1.19575	1.19575	0.832896	0.904891	-1.10633	0.499552	0.726903	-1.3757	0.653036	1.23447	1.23447	0.726479	2.49302	3.05035	1
cg06334213	KIAA1407;QTRT01	0.679353	0.945054	1.0583	1.0583	0.0645564	0.612736	-1.63247	0.684715	0.962289	1.04184	0.133758	0.724995	-1.37932	0.597086	0.670167	-1.49172	0.702405	0.759833	-1.31608	0.744955	1.34261	0.448561	-2.04263	0.48375	0.75	-1.08838	0.726475	5.88696	7.10627	1
cg04385305	IFT80;SMC4;SMC4	0.679352	0.501209	0.901933	-1.10873	0.800883	0.962512	-1.03895	0.604195	1.08228	1.08228	0.389255	1.14271	1.14271	0.597148	1.08398	1.08398	0.196158	1.22955	1.22955	0.211142	1.22041	1.22041	0.499106	0.901462	-1.10931	0.601264	1.08298	1.08298	0.726374	0.262976	0.321813	1
cg09251959	COL16A1	0.679353	0.392576	1.5786	1.5786	0.508263	1.41882	1.41882	0.255676	0.538739	-1.85619	0.479005	1.45519	1.45519	0.520772	0.712276	-1.40395	0.890385	1.07452	1.07452	0.261735	1.84049	1.84049	0.333065	1.6828	1.6828	0.970763	1.01929	1.01929	0.726369	3.1257	3.82505	1
cg16512682	DDX53	0.679365	0.343183	1.6384	1.6384	0.517784	1.16393	1.16393	0.860093	0.965556	1.03593	0.110742	0.274411	1.24719	0.282959	1.74358	1.74358	0.708946	1.07537	1.07537	0.779516	1.16288	1.16288	0.329579	2.13531	2.13531	0.243775	2.26662	1.26662	0.726355	0.43207	0.528753	1
cg18081393	NXN	0.67937	0.573427	1.13354	1.13354	0.247034	1.30564	1.30564	0.621533	1.11588	1.11588	0.860808	0.961872	-1.03964	0.324298	1.25143	1.25143	0.088086	1.517	1.517	0.574025	1.13332	1.13332	0.492651	1.16594	1.16594	0.808336	0.947861	-1.05501	0.726347	0.558486	0.683464	1
cg07374196	SNORD35;SNORD46;RPS8	0.679376	0.155284	0.902658	1.10776	0.653073	1.58328	1.58328	0.286807	0.896006	-1.11606	0.785167	1.09494	1.09494	0.913691	1.09494	1.09494	0.489427	1.24247	1.24247	0.682307	0.74155	1.35009	0.72855	1.05049	1.05049	0.324193	1.32193	1.32193	0.12814	1.45049	1.73642	1.96	0.726356	1.78511	2.16455	1
cg01641455	SHISA7	0.679379	0.970193	0.982287	-1.01803	0.185498	0.382074	-2.61729	0.859249	1.12935	1.12935	0.245874	0.435306	-2.29724	?	?	?	?	?	?	?	?	?	0.243084	0.432966	-2.30965	0.947983	1.04573	1.04573	0.824824	1.856022	0.419169	0.400569	0.726502	4.60059	6.61141	1
cg08664737	FCHSD1;REL12;REL12	0.679384	0.713941	0.945325	-1.05784	0.199053	0.812819	-1.23029	0.541133	0.908847	-1.09909	0.956257	0.991658	-1.00841	0.833651	1.03264	1.03264	0.297883	1.17916	1.17916	0.250153	1.20145	1.20145	0.470836	1.11855	1.11855	0.867661	1.0258	1.0258	0.726328	0.268304	0.328354	1
cg17823076	ZNF462;CSAG3	0.679389	0.72131	0.914617	1.09316	0.653573	1.58328	1.58328	0.286807	0.896006	-1.11606	0.785167	1.09494	1.09494	0.913691	1.09494	1.09494	0.489427	1.24247	1.24247	0.682307	0.74155	1.35009	0.72855	1.05049	1.05049	0.324193	1.32193	1.32193	0.12814	1.45049	1.73642	1.96	0.726356	1.78511	2.16455	1
cg07447545	PRKG1;PRKG1;CSTF2T	0.679408	0.294691	1.30565	1.30565	0.934418	0.1204	2.07693	1.3225	1.3225	0.663671	1.11334	0.11334	0.270438	0.135208	3.52528	3.52528	0.627922	0.887055	-1.12733	0.985933	0.995683	-1.00434	0.244626	0.74179	-1.34809	0.665188	1.11277	1.11277	0.726293	0.692704	0.84778	1
cg02002672	HLA-DOB1	0.679409	0.096764	1.44304	1.44304	0.0622	2.16209	2.16209	0.053649	2.16209	2.16209	0.053649	1.58203	1.58203	0.127147	1.863993	1.863993	0.574727	1.74096	1.74096	0.845236	0.814895	-1.22753	0.449878	0.543023	1.84096	0.542977	0.540483	1.85035	0.726492	0.400669	0.50569	0.661141	1
cg12145026	IL13RA1	0.679424	0.229844	0.123352	-8.10698	0.784284	0.635978	-1.57238	0.707563	1.89198	1.89198	0.185521	10.3376	10.3376	0.702129	1.88521	1.88521	?	?	?	?	?	?	0.918746	0.84514	-1.18324	0.811116	1.48418	1.48418	0.693452	22.7332	32.7827	1
cg01911221	FIP2;C2-FIP2;C2	0.679433	0.538802	0.826554	-1.20984	0.658373	1.17427	1.24027	0.687388	0.887388	-1.1278	0.654673	1.14776	1.14776	0.871786	0.950253	-1.05235	0.39537	0.766093	-1.30532	0.328168	0.734215	-1.362	0.278191	0.74531	1.48826	0.747107	0.745521	-1.34495	0.726258	1.078	1.31915	1
cg16846332	PPEF1;PPEF1;PPEF1	0.679433	0.592914	1.32481	1.32481	0.854583	0.908807	1.10034	0.753234	1.7866	1.7866	0.759334	0.85201	-1.1737	0.126342	0.402234	-2.36785	0.734209	1.19438	1.19438	0.274311	0.552738	1.80918	0.348092	0.65463	-1.65453	0.99203	0.905003	-1.00502	0.726257	3.12471	3.82443	1
cg25142228	SETD1B	0.679434	0.367867	0.7439	-1.34427	0.832149	1.07024	1.07024	0.366477	1.34549	1.34549	0.761503	0.907239	-1.10225	0.163733	0.621664	-1.60859	0.327552	0.723784	-1.38163	0.520651	1.23153	1.23153	0.612594	0.849313	-1.17742	0.630961	0.856577	-1.16744	0.726255	1.17674	1.44026	1
cg04911359	ZNF772;ZNF772	0.679452	0.246634	1.70605	1.70605	0.768135	1.32468	1.32468	0.981756	1.1042	1.1042	0.212725	1.32468	1.32468	0.981756	1.1042	1.1042	0.39537	0.766093	-1.30532	0.328168	0.734215	-1.362	0.278191	0.74531	1.48826	0.747107	0.745521	-1.34495	0.726258	1.078	1.31915	1
cg14195178	TBCD	0.679461	0.883517	1.20776	1.20776	0.263473	0.222917	-4.48597	0.355159	0.340318	3.40318	0.948338	1.08701	1.08701	0.996325	1.00595	1.00595	0.24125	2.06076	-4.85257	0.717352	1.59694	1.59694	0.235551	2.201769	-4.95616	0.652238	1.7934	1.7934	0.726217	19.0684	23.3397	1
cg24025896	LOC645323	0.679466	0.509656	1.22906	1.22623	0.692394	1.16546	1.16546	0.352584	1.58384	1.58384	0.441771	1.3526	1.3526	0.85645	0.932668	-1.07219	0.504959	0.770372	1.29807	0.400963	1.39042	1.39042	0.515006	1.93462	1.93462	0.522277	1.28366	1.28366	0.726211	1.70558	2.68791	1
cg02536360	TNRC18	0.679468	0.635584	0.787784	-1.26938	0.437879	1.485	1.485	0.853929	1.09646	1.09646	0.747684	1.17502	1.17502	0.368101	1.58716	1.58716	0.64054	1.46003	1.46003	0.239313	0.440242	-1.85102	0.596876	0.765895	-1.30568	0.271348	0.564287	-1.77215	0.726206	2.87171	3.51502	1
cg06724266	CCDC159;TMEM205;TMEM205;TMEM 205;TMEM205;TMEM205;TMEM205	0.67947	?	?	?	?	?	?	?	?	?	?	?	0.46579	2.7316	2.7316	?	?	?	?	0.322719	4.01658	4.01658	?	?	?	0.86614	1.25489	1.25489	0.527634	4.80165	18.2007	1
cg07117751	EIF1B	0.679483	0.908121	0.96973	-1.03122	0.691706	1.11195	1.11195	0.274998	1.35308	1.35308	0.968862	1.089661	-1.01045	0.951012	0.983775	-1.01649	0.483442	1.20879	-1.20879	0.960094	1.01341	1.01341	0.139713	1.5267	1.5267	0.136905	1.53203	1.53203	0.726185	0.815262	0.997924	1
cg10838788	LRRC67	0.679488	0.139544	0.73614	-1.35844	0.591138	1.11013	1.11013	0.955018	1.01584	1.01584	0.362091	0.834863	-1.1978	0.410589	0.850338	-1.176	0.303666	0.814435	-1.22784	0.826172	0.958509	-1.04329	0.306925	0.815638	-1.22603	0.769847	1.05815	1.05815	0.726179	0.426927	0.522586	1
cg27197120	NF1;NF1;NF1	0.679488	0.909283	0.9728	-1.02796	0.795006	0.938949	-1.06502	0.531977	1.16551	1.16551	0.693507	0.908619	-1.10057	0.186774	0.712785	-1.40295	0.754288	0.926851	-1.07892	0.998235	0.999465	-1.00054	0.147209	1.4569	1.4569	0.502036	0.848035	-1.1792	0.726178	0.673196	0.824035	1
cg26188959	SYT14;SYT14;SYT14;SYT14;SYT14;SYT14	0.679489	0.254491	0.819014	-1.22098	0.868913	0.677462	-1.4761	0.755959	0.948033	-1.0545	0.079403	0.721274	-1.38644	0.745503	0.946717	-1.05628	0.577948	0.909998	-1.0989	0.515233	0.89519	-1.11708	0.993394	1.00139	1.00139	0.223551	0.860588	-1.23934	0.726163	0.323826	0.396392	1
cg10718697	MAD1L1;MAD1L1;MAD1L1	0.679505	0.551004	0.846158	-1.18151	0.579015	1.14752	1.14752	0.989111	0.847006	1.18015	0.852425	-1.15247	0.682734	0.854023	1.17064	1.17064	0.703063	0.902204	-1.10821	0.729129	1.10274	1.10274	0.915211	0.979617	-1.02111	0.955213	1.09027	1.09027	-1.09	-1.25531	0.230427	0.837823	1.04945	1
cg09721595	THRSP	0.67952	0.388742	0.473827	-2.11047	0.566021	0.612284	-1.63323	0.542944	1.68321	1.68321	0.543939	0.594884	-1.681	0.218573	0.334799	-2.98687	0.68533	1.41123	1.41123	0.599978	1.56432	1.56432	0.168159	1.288838	-3.46215	0.76625	0.777176	-1.28671	0.726132	8.22262	10.0657	1
cg14883993	NFIC;NFIC	0.679521	0.743025	1.21824	1.21824	0.237867	2.09992	2.09992	0.116401	2.78356	2.78356	0.477422	0.648274	-1.54256	0.863594	1.70327	1.70327	0.830277	1.13746	1.13746	0.916212	0.938806	-1.06518	0.670723	0.773666	-1.29255	0.86143	1.11053	1.11053	0.726131	4.14064	5.06874	1
cg19643035	TMED9	0.679521	0.892514	1.09234	1.09234	0.914487	0.63763	-1.56833	0.312962	0.424559	-2.35538	0.439728	1.47333	1.47333	0.654539	1.53398	1.53398	0.381244	1.74829	1.74829	0.240378	0.23254	-4.29964	0.439884	0.876182	-1.14132	0.874003	1.10924	1.10924	0.72613	0.90847	0.60982	1
cg08173919	MAPKBP2;MAPKBP2	0.679521	0.778094	1.23822	1.23822	1.02793	1.85739	1.85739	0.118351	3.60515	3.60515	0.83179	1.17454	1.17454	0.881456	1.11947	1.11947	0.822654	0.843847	-1.18505	0.733639	1.29477	1.29477	0.432681	1.83233	1.83233	0.821913	1.18591	1.18591	0.72613	0.57839	0.80529	1
cg03380406	DNAJC25;DNAJC25-GNG10	0.679524	0.985804	0.992054	1.00796	0.218443	0.85328	1.16928	0.266571	0.886493	-1.1501	0.974548	1.09386	1.09386	0.818289	0.972565	-1.02784	0.826153	0.977375	1.02324	0.966953	1.05691	1.05691	0.812829	0.972537	1.02824	0.960953	1.17441	1.17441	0.726126	0.78851	0.920475	1
cg06962620	C21orf67;C21orf70;C21orf67	0.679535	0.474948	1.565059	-1.76973	0.561586	0.630571	-1.58586	0.82127	0.837132	-1.19455	0.262222	2.5054	2.5054	0.314888	2.62566	2.62566	0.362666	0.482265	-2.07555	0.723762	1.32155	0.658002	1.41909	1.41909	0.336932	0.459405	2.176573	2.176573	0.72611	7.0984	8.68772	1
cg11117707	SLC16A6;ARSG	0.679549	0.394388	1.508	1.508	0.570301	1.31013	1.31013	0.701099	1.9895	1.9895	0.24054	1.78357	1.78357	0.932589	1.51048	1.51048	0.241115	1.78219	1.78219	0.56989	1.31051	1.31051	0.645238	0.803885	-1.24396	0.342552	1.58484	1.58484	0.726091	2.55	3.12174	1
cg05476089	CETN2;NDUFA6;NSDHL;CETN2	0.679

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	Ratio(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ug	8412556	SCUBE2;SCUBE2	0.680165	0.97112	1.01609	0.71609	0.695763	0.84087	-1.18924	0.589418	0.786399	-1.27162	0.122681	2.09585	2.095585	0.357672	0.657696	-1.52046	0.964675	0.980658	-1.03972	0.819163	0.903939	-1.10627	0.904838	1.11345	1.113345	0.276355	1.64766	0.725206	2.23396	2.73817	1
gi	17871537	HSD17B4	0.680178	0.739053	0.952108	-1.0503	0.220214	0.827597	-1.20832	0.634536	0.932114	-1.07283	0.693211	1.05993	1.059393	0.478637	1.11154	1.11154	0.202984	1.2181	1.2181	0.884487	1.02157	1.021572	0.621443	1.07581	1.07581	0.335699	1.15689	0.725187	0.247523	0.303398	1
gi|24418182	BHLHA15	0.680186	0.9455932	0.829422	-1.20566	0.200328	1.3849	1.3849	0.745321	0.924544	-1.08161	0.91411	0.974363	-1.02631	0.160781	0.69725	-1.43421	0.545327	1.15875	1.15875	0.855563	1.04452	1.04452	0.540095	0.861303	-1.16103	0.963026	1.01122	1.011122	0.725176	0.665509	0.815752	1
gi|5933718	PTPN2;PTPN2;PTPN2	0.680187	0.2705052	0.449624	-2.22403	0.513523	1.58665	1.58665	0.156311	0.53672	1.93672	0.276068	2.20198	2.201984	0.467613	0.67352	1.67352	0.71504	1.29106	1.29106	0.696554	1.31395	1.31395	0.765814	1.23134	1.231334	0.337728	0.502307	-1.99081	0.725175	5.5747	6.83323	1
gi	22798756	BRD2;BRD2	0.680207	0.842575	0.14399	1.04399	0.610527	1.117762	1.117762	0.0589029	1.587	1.587	0.847599	0.959201	-1.04253	0.732233	1.08002	1.08002	0.253111	1.29487	1.29487	0.890145	1.03037	1.03037	0.471782	1.17371	1.17371	0.627608	1.11163	0.725146	0.538292	0.659842	1
gi	2981362	CDX7B	0.680208	0.317943	0.401652	-2.48972	0.668963	1.46602	1.46602	0.853888	0.849684	-1.17691	0.514675	1.79293	1.792933	0.479611	0.529917	1.88709	0.264466	-3.7812	0.97856	1.02603	1.02403	0.634587	1.52667	1.52667	0.374654	2.23716	0.725144	8.96762	10.9926	1
gi|20077898	LOC285768;LOC285768	0.680209	0.381947	0.811165	-1.23279	0.805387	1.05931	1.05931	0.436557	1.20352	1.20352	0.970508	1.00867	1.00867	0.468517	1.18784	1.18784	0.540845	0.865461	-1.15545	0.24231	1.33057	1.33057	0.356237	0.801337	-1.24791	0.378111	1.23499	1.23499	0.725143	0.625611	0.766881	1
gi|5328630	CLYBL	0.680209	0.570737	0.559107	-1.80529	0.149312	0.55198	0.551998	0.161765	5.0974	5.0974	0.9147	0.895418	-1.1168	0.618401	0.59871	-1.67022	0.788818	0.758245	-1.3184	0.880359	1.02547	1.02547	0.978077	1.02873	1.02873	0.991994	1.00883	1.008863	0.725143	12.3075	14.9639	1
gi|21176488	LPP;LPP;LPP	0.680257	0.879592	0.955714	-1.04634	0.788409	1.922722	-2.48375	0.624175	0.515814	1.55814	0.585533	1.42731	1.427271	0.429827	0.785833	-1.27253	0.359225	1.32568	1.32568	0.499663	1.22743	1.227433	0.218825	0.679246	-1.47222	0.728672	0.903093	-1.10976	0.725074	1.02707	1.25911	1
gi|20866569	IFNAR1	0.680259	0.574295	1.09055	1.09055	0.842047	1.03094	1.03094	0.743028	1.05153	1.05153	0.455904	0.890499	-1.12297	0.156158	1.26073	1.26073	0.858923	1.16617	1.16617	0.634634	0.61752	-1.61938	0.742629	0.688121	-1.45257	0.742629	0.688121	1.12288	1.122882	1.489339	1.82932	1
gi	20208569	SOX8	0.680265	0.581439	1.12204	1.12204	0.984505	1.03202	1.032022	0.751881	0.850054	1.17566	-1.12101	0.240871	1.5561	1.5561	0.226351	1.58015	0.725143	1.25966	1.25966	0.725143	1.25966	0.725143	1.25966	0.725143

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(221T vs. N)	Fold-Change(221T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(5637T vs. N)	Fold-Change(5637T 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg13396060	AKT1;AKT3		0.681332		0.676886	1.28821	1.28821	0.1419372	2.23654	2.23654	0.249652	1.84666	1.84666	0.62456	1.28591	1.28591	0.638887	1.27247	1.27247	0.740392	1.18474	1.18474	0.179276	2.06948	2.06948	0.102946	2.01868	2.01868	0.768193	1.16263	0.723532	2.97846	3.65916	
cg02757998	PLXNC1		0.681344		0.493134	0.669421	-1.49383	0.615664	1.33893	1.33893	0.159822	2.3776	2.3776	0.336018	0.564375	-1.77187	0.568423	1.39435	1.39435		0.648336	0.767375	1.30314	0.417006	0.619835	-1.61333	0.947561	1.03866	1.03866	0.567047	0.716316	-1.39603	0.723514	3.8102	4.6811	
cg01556696	ALS2		0.681348		0.418412	0.934849	-1.06969	0.41281	0.934054	-1.0706	0.870752	0.98682	-1.01336	0.556043	0.952642	-1.04971	0.703803	0.01661	1.03161		0.180678	1.12279	1.12279	0.57706	1.04697	1.04697	0.839178	0.98358	-1.01669	0.269052	0.910477	-1.09833	0.7235508	0.0760702	0.0934584	
cg04154138	ZNF677		0.681365		0.959539	1.04904	1.04904	?	?	?	?	?	?	0.66227	1.32393	1.32393	0.192215	0.377435	-2.6496		0.835573	0.876805	-1.1405	0.971505	0.977716	-1.02279	0.466053	0.616673	-1.6216	?	?	?	0.689124	2.32549	1.68728	
cg19838963	LOC101267784;NAV2;NAV2;NAV2		0.681367		0.545462	0.701602	-1.42531	0.104165	2.79819	2.79819	0.245188	2.02193	2.02193	0.150515	1.06375	0.753773	0.833393	-1.19991		0.550328	1.41907	1.41907	0.361792	1.41201	1.09618	1.09618	0.58724	0.727998	-1.37363	0.723481	3.84384	4.72265	
cg12107626	KLHL10;NT5C3L		0.681368		0.368318	0.875776	-1.14184	0.325782	1.15673	1.15673	0.374482	1.13975	1.13975	0.809756	0.965981	-1.03562	0.586427	0.924197	-1.08202		0.473836	1.1102	1.1102	0.93775	0.988854	-1.01127	0.16308	2.12819	0.328968	1.01288	1.01288	0.72348	0.2359669	0.2899119	
cg04034517	ADK;ADK		0.681372		0.67892	1.11081	1.11081	0.474223	1.2017	1.2017	0.792077	0.935477	-1.06897	0.462033	1.20807	1.20807	0.876018	1.0402	1.0402		0.355641	1.27109	1.27109	0.078779	1.63694	1.63694	0.550897	0.858699	-1.16455	0.993132	1.00218	1.00218	0.723474	0.730289	0.897262	
cg14680305	PPP1R13B		0.681377		0.34873	0.663896	-1.50626	0.614259	1.24085	1.24085	0.112925	2.03155	2.03155	0.888816	0.942	-1.06157	0.692015	0.844456	-1.18419		0.33706	1.52237	1.52237	0.562167	1.28338	1.28338	0.510984	1.32723	1.32723	0.900842	0.948447	-1.05436	0.723466	2.06592	2.53829	
cg13652338	MIR548F5;NBEA		0.681378		0.542368	0.646426	-1.54723	0.416013	0.541054	-1.84824	0.85937	0.877187	-1.14001	0.744329	0.273553	3.12045	0.468359	2.19511		0.459104	0.458997	2.17818	0.041954	0.389876	2.38672	0.0959155	0.258948	3.86179	0.523784	0.620407	-1.61185	0.918114	1.07895	1.07895	0.735625	1.68566	
cg22930601	FAM127B;FAM127B;FAM127B		0.681422		0.593382	0.582072	-1.718	0.960425	0.951396	-1.05109	0.768989	0.743995	-1.34409	0.194715	3.96448	3.96448	0.70417	1.46674	1.46674		0.145164	0.207858	-4.81097	0.457756	0.46801	-2.13671	0.989438	1.01338	1.01338	0.708671	1.45773	1.45773	0.723403	11.5515	14.196	
cg08679807	ACOT7;ACOT7;ACOT7;ACOT7		0.681422		0.867908	1.13054	1.13054	0.945245	1.19242	1.19242	0.154042	1.36502	1.36502	0.126125	1.37718	1.37718	0.179456	0.801363	-1.24801		0.372119	1.47483	1.47483	0.156871	1.38103	1.38103	0.485453	1.13677	1.13677	0.743027	1.09253	1.09253	0.720923	1.02923	1.24648	
cg24763953	PPP1CC		0.681441		0.995228	0.996326	-1.00369	0.329754	1.85692	1.85692	0.176513	2.42095	2.42095	0.318681	0.530364	-1.8855	0.353414	0.555681	-1.79959		0.734263	1.23227	1.23227	0.907258	1.07435	1.07435	0.609773	1.37268	1.37268	0.606844	1.37631	1.37631	0.723376	4.3383	5.33093	
cg19707653	KIAA1671;SERPINE1;SERPINE1;SERPINE1;SERPINE		0.681466		0.878161	1.32283	1.32283	0.108685	0.0411329	-24.3115	0.275812	7.905	7.905	0.61773	0.399472	-2.5033	0.776976	0.595756	-1.67854		0.960853	0.914373	-1.09365	0.528107	0.311694	-3.20828	0.920033	1.20098	1.20098	0.3852	0.197184	-5.07142	0.723339	38.1033	46.8239	
cg15874872	?;?		0.681467		0.161355	0.621971	-1.60779	0.113031	0.59593	-1.67805	0.742686	0.900694	-1.11025	0.533584	0.818588	-1.22162	0.835095	0.935964	-1.06842		0.974098	1.01036	1.01036	0.236205	0.674314	-1.48299	0.374614	0.748772	-1.33552	0.967778	0.987258	-1.01291	0.723337	1.15467	1.41894	
cg15130481	TPST2;TPST2		0.681473		0.883603	0.980904	-1.1141	0.497025	0.61205	-1.63385	0.594224	1.06877	1.06877	0.878138	0.89646	-1.1155	0.567283	0.732752	-1.42641		0.823582	0.802596	-1.17241	0.741982	0.790295	-1.26535	0.56971	0.664315	-1.50572	0.178099	0.365697	-2.76474	0.723322	5.81333	7.14389	
cg27087525	FAM68A1		0.681474		0.92572	1.02301	1.02301	0.643335	0.892462	-1.1205	0.670639	1.11002	1.11002	0.3589	1.25882	1.25882	0.430335	0.821672	-1.21703		0.262242	0.751847	-1.33006	0.909506	0.972639	-1.02813	0.907702	0.972098	-1.0287	0.167211	1.43226	1.43226	0.723328	0.682	0.838101	
cg04157368	TECPR2		0.681474		0.977271	1.02017	1.02017	0.150148	1.03193	1.03193	0.280745	2.21799	2.21799	0.300205	0.463128	2.1599	0.453856	0.723554	-1.38207		0.505263	1.6236	1.6236	0.542622	1.55555	1.55555	0.836013	1.1602	1.1602	0.91009	0.922909	-1.08353	0.7233328	5.88775	7.21599	
cg20484825	SLITRK4		0.681482		0.00755119	0.117792	-8.48961	0.877564	0.836278	-1.19577	0.761979	0.702984	-1.42251	0.39135	2.79328	2.77928	0.617111	0.550978	-1.7954		?	?	?	0.69676	0.634783	-1.57534	0.880547	1.18006	1.18006	0.686063	1.60255	1.60255	0.708885	13.137	16.2155	
cg25736145	FAM131B;FAM131B		0.681504		0.339014	1.51735	1.51735	0.116215	2.05911	2.05911	0.282116	1.60464	1.60464	0.50583	1.3306	1.3306	0.894265	0.945292	-1.05787		0.264442	1.63578	1.63578	0.378831	1.46521	1.46521	0.875188	1.06877	1.06877	0.901601	0.949013	-1.05373	0.7232285	2.05057	2.52007	
cg13554136	STK32C		0.681524		0.598208	0.680576	-1.46934	0.572225	0.349437	-2.86174	0.313286	0.28685	-3.48614	0.909909	1.05573	1.05573	0.94234	0.990021	-1.01074		0.374219	0.641069	-1.55989	0.422495	0.552708	-1.80927	0.937194	0.964569	-1.03656	0.603888	1.46592	1.46592	0.723256	5.99807	7.37168	
cg12252866	HDAC11;HDAC11		0.681533		0.449749	0.54767	-1.82592	0.510324	0.58543	-1.68543	0.837096	0.851342	-1.17462	0.565445	1.59201	1.59201	0.271374	0.408563	-2.4476		0.707975	0.745165	-1.34198	0.287453	0.421731	-2.37118	0.170331	0.319329	-3.13157	0.903492	1.09947	1.09947	0.723248	4.99982	8.60295	
cg21333217	PLXND1		0.681553		0.39595	0.762861	-1.31085	0.241607	1.46469	1.46469	0.944651	0.978613	-1.02185	0.582045	0.841067	-1.18897	0.707695	0.889335	-1.12444		0.152441	1.61163	1.61163	0.456356	1.26643	1.26643	0.817573	1.07459	1.07459	0.802371	1.08121	1.08121	0.723248	1.11051	1.36485	
cg00681662	ANKZF1;ANKZF1;ATG9A;ANKZF1;ATG9A		0.681538		?	?	?	0.249746	2.82028	2.82028	0.292775	2.55552	2.55552	?	?	?	?	0.218684	3.05804	3.05804		0.338908	2.3289	2.3289	0.32003	2.41584	2.41584	0.482784	1.83791	1.83791	0.689708	1.40646	1.40646	0.691839	5.84065	7.23618	
cg15688683	ATAD3B		0.681548		0.920114	0.921498	-1.08518	0.193572	0.96831	-1.03281	0.760833	0.752954	-1.32795	0.270904	2.55005	2.55005	0.750307	0.770898	-1.29719	0.907203	1.10227	0.90837	0.89589	-1.11599	0.704284	0.698879	-1.43106	0.864854	0.363275	0.468608	-2.13436	0.836854	0.941785	1.06576	1.06576	0.723221	1.60766	0.35033	
cg15696906	CLN8		0.681551		0.6532	1.16634	1.16634	0.709246	0.880357	-1.1359	0.885911	1.05006	1.05006	0.535496	0.807766	-1.23798	0.578248	0.826079	-1.21054		0.238698	0.657158	-1.5217	0.153921	1.6809	1.6809	0.520276	0.80114	-1.24822	0.661187	1.16188	1.16188	0.723217	1.32576	1.62945	
cg08773844	CCDC25		0.681554		0.964895	0.964895	-1.03593	0.915184	1.04566	1.04566	0.657349	1.03604	1.03604	0.185854	1.23637	1.23637	0.218357	0.883002	-1.13254		0.968653	0.994785	-1.00524	0.937589	1.10955	1.10955	0.669143	1.13574	1.13574	0.124734	0.720815	0.649277	1.54006	0.731	1.1291	1.22734	0.208815	0.249277	1.0855	
cg02678084	C16orf55		0.681556		0.98358	0.98358	-1.00422	0.927295	1.01884	1.01884	0.674866	1.0888	1.0888	0.751866	1.09536	1.09536	0.579508	1.17954		0.169361	1.741257	1.741257	-1.34606	0.453281	1.16911	1.16911	0.346284	2.21939	1.21939	1.21939	0.383783	1.20038	1.20038	0.479051	0.588801	
cg15090002	REG4;REG4;REG4		0.681561		0.936146	0.965005	-1.03626	0.333152	1.55864	1.55864	0.598308	1.26662	1.26662	0.748583	0.866787	-1.15369	0.984545	1.00865	1.00865		0.744979	0.864937	-1.15615	0.185122	0.535383	-1.86782	0.160732	0.513714	-1.94661	0.928678	1.0406	1.0406	0.723203	2.63282	2.78246	
cg02791338	UNK1		0.681563		0.233301	0.727323	1.37423	0.564675	1.57171	1.57171	0.913704	1.83688	1.83688	0.233772	1.37496	1.37496	0.213312	1.83892		0.760187	1.26322	1.26322	0.31432	1.51693	1.51693	0.232496	1.38112	1.38112	0.012727	0.720137	0.549944	1.82007	0.67797	0.75937	
cg26007659	PRKAB2		0.681576		0.297009	1.2944	1.2944	0.225084	1.3554	1.3554	0.904283	1.02913	1.02913	0.507116	0.851612	-1.17424	0.74313	1.08165	1.08165		0.708042	0.914294	-1.09374	0.362596	0.799849	-1.25024	0.316905	0.78119	-1.2801	0.827085	1.0536	1.0536	0.723181	0.652425	0.80192	
cg01129518	DBNDD1		0.681579		0.854737	1.08557	1.08557	0.647357	0.92417	-1.08217	0.782437	0.928463	0.8394842	-1.21975	0.717888	1.39394	0.495173	0.780202	-1.28155		0.628313	0.720157	1.09157	0.586226	0.996904	-1.00311	0.997369	0.782038	-1.27834	0.613178	0.809455	0.809455	0.723178	0.909455	0.8449	
cg04322483	VIPR1		0.681587		0.714236	1.35409	1.35409	0.946871	0.946553	-1.05647	0.841151	1.17987	1.17987	0.209608	0.336238	-2.97408	0.5347	1.67908	1.67908		?	?	?	0.15922	3.45568	3.45568	0.520893	1.70976	1.70976	0.790595	1.24528	1.24528	0.708045	5.77194	9.56428	
cg10949773	KDNT1		0.681589		0.851183	0.942999	-1.06045	0.463825	1.26239	1.26239	0.970308	1.03688	1.03688	0.201212	1.52471	1.52471	0.552754	0.828892	-1.20643		0.483849	1.249	1.249	0.320095	0.725384	-1.37858	0.25219	1.45322	1.45322	0.743742	1.10795	1.10795	0.723162	1.11864	1.37475	
cg00752978	ACO2;POLR3H;POLR3H;POLR3H		0.681609		0.907366	0.907366	1.10218	0.909253	1.07343	1.07343	0.995643	0.911335	1.16317	0.16317	0.654072	1.7534	0.772447	1.22923	1.22923	0.813138	1.2464	0.976718	1.25923	1.25923	0.643701	1.55352	0.723135	1.3644	1.46758	
cg05293990	BANP;BANP TM2D2;TM2D2;ADAM9;ADAM9;ADAM		0.681613		0.640415	0.820981	-1.21806	0.972059	0.985422	-1.01479	0.858214	0.927764	-1.07786	0.336075	0.659753	-1.51572	0.653024	0.397789	2.51389		0.497331	0.749078	-1.33497	0.845263	1.08538	1.08538	0.97411	1.0137	1.0137	0.6844	0.842532	-1.1869	0.723128	2.01341	2.47494	
cg06800444	?;TM2D2;TM2D2;ADAM9		0.681617		0.879926	0.974562	-1.0261	0.246676	1.22936	1.22936	0.116352	1.33758	1.33758	0.78902	0.955314	-1.04678	0.949618	1.17835	1.17835		0.926602	0.984417	-1.00584	0.780121	1.20191	1.20191	0.723123	0.332756	0.409035	
cg06008356	CACNA1H;CACNA1H		0.681646		0.675251	0.759454	-1.31674	0.108504	3.13705	3.13705	0.401411	1.75217	1.75217	0.766728	1.21443	1.21443	0.499371	0.639046	-1.56483		0.89126	0.914978	-1.09292	0.611266	1.39756	1.39756	0.290936	0.245056	0.806693	0.906577	-1.10305	0.723081	4.8837	6.00358	
cg17436460	CUBN		0.681650		0.426326	1.34967	1.34967	0.0509	1.37244	1.37244	0.262218	1.36923	1.36923	0.168525	2.03648	2.03648	0.502462	0.506349	-1.97551		0.425707	0.536229	1.86467	0.210869	0.364153	2.74611	0.169854	0.832504	1.20119	0.735276	0.926016	1.08152	1.08152	0.723054	0.201815	0.249277	
cg09394608	HTR2A;HTR2A		0.681659		0.687079	1.24925	1.24925	0.167239	0.54191	-1.84603	0.514098	0.556903	0.8989237	-1.11255	0.872791	1.18292	0.892923	0.949298	-1.05362		0.381527	0.67611	1.63761	0.114708	2.56696	0.776684	1.16915	1.16915	0.740273	1.2006	1.2006	0.723062	3.45854	4.25172	
cg24775454	ABCB6		0.681681		0.981193	1.01085	1.01085	0.852357	1.03187	1.03187	0.284432	0.936959	1.03887	0.38895	1.25	1.25	0.892	1.12062	1.12062		0.588407	0.86096	1.16146	0.366736	0.994773	-1.00523	0.983581	1.08499	1.08499	0.797949	1.28155	1.28155	0.72304	0.84849	0.97558	
cg09905951	HDGF2;HDGF2		0.681687		0.960584	0.986754	-1.01342	0.334847	1.3078	1.3078	0.434685	1.23993	1.23993	0.420747	1.24848	1.24848	0.885569	1.03962	1.03962		0.191148	0.688371	-1.4527	0.33839	1.30508	1.30508	0.364699	1.2857	1.2857	0.695019	1.11216	1.11216	0.723022	0.831585	1.02482	
cg19602881	PTK7;PTK7		0.681717		0.209388	0.928754	-1.07652	0.074935	0.923723	-1.08258	0.563126	0.748122	-1.3365	0.440092	1.47127	1.47127	0.297439	0.553951	-1.79227		0.595417	1.30294	1.30294	0.140867	1.41273	1.41273	0.497139	0.723004	2.79175	3.43229	
cg13547250	YPEL1;YPEL3		0.681706		0.976291	1.01269	1.01269	0.59065	0.768401	-1.3014	0.558814	1.28501	1.2851	0.107004	1.47014	1.47014	0.796456	0.895265	-1.1699		0.369558	1.47827	1.47827	0.193132	1.76947	1.76947	0.226914	0.161859	-1.58263	0.987056	0.993409	-1.00663	0.722994	2.06014	2.53285	
cg01764341	SEC22B		0.681717		0.212373	1.53071	1.53071	0.839499	1.06794	1.06794	0.363282	0.738721	-1.35369	0.681376	1.14318	1.14318	0.861498	0.944972	-1.05823		0.254888	1.47005	1.47005	0.195722	1.55805	1.55805	0.945205	0.977968	-1.02253	0.94604	1.02218	1.02218	0.72298	1.20289	1.47803	
cg27005501	CSNK1G2		0.681723		0.643438	0.752887	1.32803	0.914364	1.02902	1.02902	0.518243	1.21397	1.21397	0.810805	0.88909	-1.12449	0.991373	1.34936		0.526637	0.791595	-1.26307	0.111245	1.34958	1.34958	0.950601	1.02229	1.02229	0.488807	0.778615	-1.28453	0.722971	1.44997	1.78275	
cg12235073	PFKFB3;PFKFB3		0.681724		0.264882	1.93479	1.93479	0.961199	0.02802	1.02802	0.88936	0.923985	-1.08227	0.912008	1.0648	1.0648	0.728911	1.21849	1.21849		0.165729	2.3155	2.3155	0.118625	2.61746	2.61746	0.559328	1.39842	1.39842	0.847275	0.896266	-1.11574	0.722947	3.69387	4.54174	
cg15307908	FBXO12		0.681743		0.860999	1.133	1.133	0.169827	2.83419	2.83419	0.223144	2.46631	2.46631	0.233259	2.46617	2.46617	0.363184	0.74022		0.423248	1.79092	1.79092	?	?	0.76121	1.29329	1.29329	0.446883	1.73731	1.73731	0.707817	0.58789	0.74375	
cg11542469	SDHD;TIMMBB;TIMMBB;TIMMBB		0.681743		?	?	?	0.56541	1.55649	1.55649	0.663798	1.0208	1.0208	?	0.30748	3.25255	0.387798	1.98789	1.98789		0.337476	0.525855	-1.90166	?	?	?	0.184028	1.28022	1.28022	?	0.633879	2.28526	5.04728	
cg11256290	CCDC7;CCDC7		0.681752		0.735618	1.1742	1.1742	0.335778	1.60047	1.60047	0.670601	1.22037	1.22037	0.205754	1.88373	1.88373	0.184629	1.94785	1.94785		0.547132	1.33468	1.33468	0.621676	0.790025	-1.26578	0.943018	0.91033	-1.0985	0.466922	0.704146	-1.42016	0.722929	2.57059	3.16072	
cg04275985	FAM63A;PRUNE;PRUNE;FAM63A		0.681755		0.801595	1.04556	1.04556	0.615353	1.12223	1.12223	0.182393	0.967773	1.0333	0.536982	1.11698	1.11698	0.823527	0.903794	-1.10645		0.730684	1.40546	1.40546	0.155655	1.28518	1.28518	0.810855	1.12818	1.12818	0.708963	1.08082	1.08082	0.72307	0.697292	0.857483	
cg19644445	ZC3H12A		0.681767		0.538462	1.67142	1.67142	0.540517	1.66694	1.66694	0.796159	0.808386	-1.23703	0.872658	1.14082	1.14082	0.301386	2.43636	2.43636		0.473043	1.82738	1.82738	0.199017	3.11703	3.11703	0.108812	4.40422	4.40422	0.604232	1.53833	1.53833	0.724215	7.36428	6.77909	
cg19729188	C1orf52;C1orf52		0.681779		0.750539	0.861443	-1.16094	0.851151	0.915895	-1.09183	0.597583	1.28292	1.28292	0.44688	1.43702	1.43702	0.937242	0.910758	-1.0978		0.456373	0.701339	-1.42584	0.195419	0.527083	-1.89724	0.209807	0.558572	-1.67014	0.349982	1.56819	1.56819	0.722891	2.5041	3.07911	
cg06796204	NHSL2;RGA64		0.681778		0.206174	0.30273	-3.30327	0.163591	0.263878	-3.78963	0.841039	1.19716	1.19716	0.627301	1.55029	1.55029	0.638139	0.690783	1.44763		0.203614	0.300464	-3.32819	0.364436	1.04076	1.04076	0.898947	0.892393	-1.12058	0.849583	1.18546	1.18546	0.722889	0.19345	11.3046	
cg07829071	ISYNA1;ISYNA1;ISYNA1;ISYNA1;ISYNA1		0.681785		0.28209	1.29612	1.29612	0.163783	0.708356	-1.41172	0.351381	0.800475	-1.24926	0.896673	0.970301	-1.03061	0.269867	0.765976	-1.30552		0.947912	1.01528	1.01528	0.993409	0.998085	-1.00192	0.782327	1.06638	1.06638	0.818041	0.947931	-1.05493	0.722882	0.616444	0.758007	
cg19446358	AGAP3		0.681791		0.26622	1.22558	1.22558	0.790365	1.17626	1.17626	0.656372	0.761207	-1.3137	0.251275	0.70578	2.05735	0.48236	-2.07314		0.970185	1.02233	1.02233	0.369075	1.75432	1.75432	0.371354	1.19428	1.19428	0.455494	1.58905	1.58905	0.722874	4.25033	5.22646	
cg12234342	GPR116;GPR116		0.681793		0.921909	1.08494	1.08494	0.722198	1.24172	1.24172	0.249174	2.38542	2.38542	0.157752	1.30795	1.30795	0.641914	0.764924	-1.30813		0.457012	1.08564	1.08564	0.754054	1.13282	1.13282	0.854658	1.02612	1.02612	0.827281	1.07559	1.07559	0.722871	0.77559	0.81338	
cg05998449	NAV2;NAV2;NAV2		0.681796		0.922554	0.977278	-1.02325	0.236359	0.74582	-1.34081	0.13007	0.679434	-1.47181	0.475184	1.18724	1.18724	0.800219	0.941825	-1.06177		0.692116	1.09864	1.09864	0.578547	1.14183	1.14183	0.571687	0.87364	-1.14464	0.605383	0.884094	-1.1311	0.722866	0.63959	0.786487	
cg01983045	FLCN;FLCN		0.681802		0.7518	0.783967	-1.27556	0.490681	1.71091	1.71091	0.942976	1.05641	1.05641	0.859551	0.906796	-1.10278	0.296138	0.435776	-2.29476		0.761893	1.26252	1.26252	0.140632	1.37303	1.37303	?	?	?	0.442259	1.82396	1.82396	0.707731	5.8628	8.28394	
cg00338122	ZBTB2		0.681812		0.201597	0.74035	-1.35135	0.0425	1.01795	1.01795	0.861985	1.04388	1.04388	0.638327	0.903794	-1.10625	0.506364	0.667717	-1.4997		0.170648	0.450686	-2.21896	0.0425	1.10762	1.10762	0.697359	1.0882	1.0882	0.72307	0.697292	0.857483				
cg04879645	LMF1		0.681822		0.245123	0.604598	-1.65399	0.253448	0.6104	-1.63827	0.140604	0.518894	-1.92717	0.553445	0.78027	-1.28161	0.563197	0.78513	-1.27367		0.582516	0.794705	-1.25833	0.852054	0.925638	-1.08034	0.888556	0.94362	-1.05975	0.453896	1.3713	1.3713	0.722829	1.96111	2.41164	
cg09692663	ZNF398;ZNF425 HMMR;HMMR;HMMR;NUDCD2;HMM		0.681826		0.634514	0.769	-1.30039	0.770632	1.17378	1.17378	0.230333	2.0028	2.0028	0.59242	0.745762	-1.34091	0.524217	1.42519	1.42519		0.869994	0.94916	-1.0939	0.580056	1.35887	1.35887	0.157787	2.30723	2.30723	?	?	?	0.708368	2.93016	3.61943	
cg20770003	R		0.681834		0.392641	0.821662	-1.21704	0.491461	1.16969	1.16969	0.225233	1.33068	1.33068	0.896156	0.971135	-1.02972	0.292376	1.27766	1.27766		0.328946	1.25357	1.25357	0.995177	0.998645	-1.00136	0.442758	0.839007	-1.19189	0.660484	1.10422	1.10422	0.722812	0.575939	0.70827	
cg00887602	CLEC18A;CLEC18A;CLEC18A		0.681843		0.676294	0.948047	-1.05442	0.6	1.55705	1.55705	0.703808	0.827558	1.02759	0.880748	1.06093	1.06093	0.602959	1.22959	1.22959		0.987653	0.994391	-1.00564	0.658727	1.17536	1.17536	0.579208	1.22583	1.22583	0.557128	1.25023	1.25023	0.722799	1.51258	1.86016	
cg12553294	RASGEF1C		0.681867		0.890963	1.09298	1.09298	0.138496	2.98748	2.98748	0.115406	3.23666	3.23666	0.742758	1.25359	1.25359	0.451685	1.69249	1.69249		0.780691	1.21111	1.21111	0.259951	2.2398	2.2398	0.512373	1.57771	1.57771	0.607437	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. Chrom)	p-value(347T vs. N)	Fold-Change(1-vs-347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(537T vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(5 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error
cg07264415	SMG6;SMG6	0.682514	0.2424	1.59718	1.59718	0.665104	1.18138	1.18138	0.453077	1.36058	1.36058	0.4346	1.36074	1.361618	1.09569	1.09569	0.61846	1.21186	1.21186	0.0832104	2.08342	2.08342	0.6991222	1.16026	1.025218	1.60985	1.60985	0.721836	1.67455	2.06209	1
cg16140913	ACOX3;ACOX3	0.682517	0.176424	0.85706	-1.16678	0.958136	1.005651	1.005651	0.555684	1.006006	1.006006	0.436301	0.918294	-1.08708	0.733034	0.963545	0.14464	0.845215	-1.18313	0.548888	0.936975	-1.07626	0.457774	0.922051	-1.08454	0.772666	1.031558	1.031558	0.721832	0.131693	0.162171	1
cg05265447	ABHD15;TP53I13	0.682519	0.436867	0.796068	-1.25617	0.175594	1.513308	1.513308	0.766216	1.08952	1.08952	0.592064	1.16829	1.16829	0.274855	0.721331	-1.38637		0.868035	1.04898	1.04898	0.576052	1.17638	1.17638	0.507225	0.824094	-1.21345	0.576207	0.850123	-1.17763	0.721829	0.945269	1.16404	1
cg26116724	KIF1B;KIF1B	0.682519	0.5504515	1.4184	1.4184	0.352653	0.575004	-1.79306	0.777576	1.78004	1.78004	0.337187	1.77265	1.77265	0.235628	0.25258	0.25258		0.243843	1.02483	1.02483	0.609882	1.3468	1.3468	0.268119	1.949312	1.949312	0.643388	1.310117	1.310117	0.721829	1.826679	4.71246	1
cg09333481	AGPAT9	0.682531	0.426756	1.2432	1.2432	0.277437	1.35392	1.35392	0.394007	1.26391	1.26391	0.844792	1.05398	1.05398	0.790345	1.0741	1.0741		0.886687	1.03899	1.03899	0.287012	0.743362	-1.34524	0.702211	1.47972	1.47972	0.541537	1.18032	1.18032	0.721812	0.822656	1.01308	1
cg26154999	FAM124B;FAM124B	0.682545	0.5115564	0.618007	-1.61831	0.958858	1.04506	1.04506	0.767283	1.24188	1.24188	0.537603	1.57716	1.57716	0.0656341	0.2213336	-4.51802		0.736045	1.28014	1.28014	0.638067	0.707611	-1.41323	0.686158	0.743307	-1.34518	0.635214	0.705503	-1.41743	0.721792	0.09114	7.50126	1
cg00831142	PRDX4	0.682546	0.211804	0.400926	-2.49423	0.158947	0.352184	-2.83942	0.537366	0.647925	-1.54339	0.577725	1.47814	1.47814	0.84234	0.870768	-1.14841		0.180683	0.372438	-2.68501	0.884901	0.904249	-1.10589	0.931765	0.942228	-1.06131	0.916055	0.929356	-1.07601	0.721791	5.51963	6.79745	1
cg16328898	6-Mar	0.682557	0.582786	0.797932	-1.25372	0.454152	0.732844	-1.36455	0.253979	1.03063	1.03063	0.969603	1.045951	1.045951	0.538443	0.775759	-1.28906		0.727251	1.56766	1.56766	0.326962	0.669712	1.56766	1.56766	0.326962	0.62913	-1.5895	0.818674	0.910637	-1.09813	0.721775	1.89971	2.15956	1
cg15260466	FKBP4	0.682571	0.429057	0.598625	-1.67049	0.451203	0.613904	-1.62892	0.457726	0.61713	-1.62113	0.985361	1.75214	1.75214	0.740617	0.809649	-1.2351		0.245188	2.16546	2.16546	0.685913	0.772276	-1.29487	0.50043	0.647444	-1.54453	?	?	0.706611	0.41884	0.568748	1
cg09136430	PPP1R15B	0.682573	0.95572	0.986253	-1.01394	0.769602	1.07597	1.07597	0.496498	0.841878	-1.18782	0.737375	0.916448	-1.09117	0.807315	0.940903	-1.06281		0.255979	1.34395	1.34395	0.172172	0.69609	-1.4366	0.965693	1.01078	1.01078	0.286414	1.31782	1.31782	0.721752	0.710403	0.874911	1
cg06155592	CD164;CD164;CD164;

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ag19441691	MF2;MFI2		0.683671		0.553827	0.801449	-1.16081	1.88721	1.04255	0.67649	0.900776	-1.11015	0.114655	0.652289	-1.53306	0.355194	1.26725	1.26725	0.760118	0.926572	-1.07925	0.488636	1.19147	1.19147	0.634789	1.12655	1.12655	0.616841	1.13385	1.13385	0.720179	0.707358	0.873064	1
ag14210634	LDLRAP1		0.683768		0.216816	3.1342	3.1342	0.8894	1.58128	1.12897	0.530765	0.574115	-1.74181	0.44859	1.96503	1.96503	1.96503	1.96503	0.297241	0.565614	1.66095	1.66095	7	7	7	7	0.686951	0.30198	9.17384	1
ag27270962	ST3GAL1;ST3GAL1		0.683689		0.516939	1.39719	1.39719	0.168632	2.10993	2.10993	0.246118	0.539334	-1.85414	0.774685	1.1573	1.1573	0.6575515	1.25498	1.25498	0.570437	1.33895	1.33895	0.494555	1.42344	1.42344	0.614505	1.29499	1.29499	0.289178	1.75073	1.75073	0.720153	2.95516	3.64758	1
ag30068637	FAM82B		0.683776		0.297442	0.791036	-1.26417	0.630035	0.902501	-1.10796	0.580294	0.885851	-1.12886	0.347282	0.859668	-1.23397	0.847019	1.04281	1.04281	0.988026	1.00302	1.00302	0.993018	0.668631	-1.49156	0.65223	0.906241	-1.10346	0.558846	1.13688	1.13688	0.720115	0.537718	0.663003	1
ag03129747	LEO1		0.683872		0.708861	0.928691	-1.07678	0.739709	0.936352	-1.06797	0.17067	0.749938	-1.33344	0.723941	1.07245	0.353747	1.20706	1.20706	0.511072	1.14051	1.14051	0.509171	0.87627	-1.1412	0.3029	1.23428	1.23428	0.859468	0.965640	-1.03557	0.720108	0.443686	0.547678	1
ag00192773	MAPK3;MAPK3;MAPK3		0.683727		0.711364	0.898874	-1.1125	0.824484	1.06465	1.06465	0.8078	0.932045	-1.07291	0.320047	1.3454	1.3454	0.209965	1.46447	1.46447	0.186029	0.667693	-1.49769	0.761908	0.915997	-1.09171	0.627663	1.15157	1.15157	0.696286	0.892011	-1.11993	0.720098	0.950888	1.17377	1
ag09144786	WDR44		0.683873		0.172237	0.27855	-3.59002	0.586505	0.616851	-1.62114	0.996479	1.00389	1.00389	0.18539	3.4398	3.4398	0.860759	1.16702	1.16702	0.36586	0.441633	-2.26433	0.983252	1.01864	1.01864	0.62651	1.53944	1.53944	0.980096	0.978293	-1.02219	0.720094	8.82559	10.8944	1
ag10336935	RBM38;RBM38 AGXT2L1;AGXT2L1;AGXT2L1;AGXT2L1;A		0.683734		0.357461	0.580444	-1.72282	0.999037	1.00005	0.40006	1.66365	1.63365	0.289172	1.88213	1.88213	0.255463	0.50541	-1.97859	0.721094	1.22881	1.22881	0.611108	0.744712	-1.3428	0.842233	1.12136	1.12136	0.372751	1.6921	1.6921	0.720089	3.76789	4.65114	1
ag23067351	GXT2L1		0.683736		0.426453	1.17506	1.17506	0.709164	1.07727	1.07727	0.344338	1.21349	1.21349	0.807491	1.04969	1.04969	0.805367	1.05027	1.05027	0.687004	0.922685	-1.08379	0.194664	1.3133	1.3133	0.954408	0.989199	-1.01092	0.104759	1.42221	1.42221	0.720086	0.450082	0.555591	1
ag19437407	MAOA		0.683743		0.457621	0.803449	-1.24519	0.37516	0.764846	1.30859	0.124555	1.04255	0.674494	0.900776	-1.11015	0.114655	0.652289	-1.53306	0.355194	1.26725	1.26725	0.417268	0.926572	-1.07925	0.488636	1.19147	1.19147	0.634789	1.12655	1.12655	0.616841	1.13385	1.13385	0.720179	0.707358	0.873064	1
ag23804261	PARD3		0.683752		0.343714	0.733344	-1.36362	0.410065	0.765008	-1.30718	0.751071	0.903757	-1.10649	0.297494	0.709342	-1.40976	0.602792	1.18168	1.18168	0.681575	0.877058	-1.14018	0.23428	1.48654	0.943731	1.0227	1.0227	0.338885	0.730922	-1.36813	0.720063	1.15299	1.42332	1
ag04053183	RFTN2		0.683753		0.760128	0.886158	-1.12847	0.473387	0.749098	1.33434	0.640613	0.836539	-1.19539	0.20039	0.95614	1.02194	1.02194	0.585047	1.24311	1.24311	0.752232	1.13315	1.13315	0.305229	2.01099	2.01099	0.202196	1.58961	1.58961	0.944866	0.973073	-1.02767	0.720061	1.17564	2.1029	1
ag09446438	DNASE2		0.683776		0.74868	0.776379	-1.28803	0.637128	1.45606	1.45606	0.363139	2.08749	2.08749	0.651686	0.699189	-1.43023	0.548786	1.61241	1.61241	7	7	7	7	0.385869	2.01374	2.01374	0.163579	3.53565	3.53565	0.350475	2.1313	2.1313	0.704879	6.153	8.72917	1
ag26329349	CDPS;CDPS5		0.683762		0.15663	0.696479	-1.45579	0.487693	0.845078	-1.18332	0.29039	0.769545	-1.29947	0.536155	0.861088	-1.16132	0.29139	1.29618	1.29618	0.772138	-1.2951	0.61661	1.12806	1.12806	0.227752	0.739138	-1.35293	0.97135	1.00861	1.00861	0.785878	0.937058	-1.06717	0.720049	0.649976	0.802384	1
ag27156255	PPM1G;PPM1G		0.683776		7	7	7	7	0.408422	-2.44845	0.19271	0.600356	1.33034	0.302076	-1.02763	0.777905	1.28555	1.28555	0.600356	1.52444	1.52444	0.134893	0.98131	-1.01873	-1.09007	0.368343	0.47743	-2.09455	0.875711	1.88277	-1.1328	0.868605	1.25481	1.65109	1
ag19743869	WFDC3;DNTTIP1		0.683779		0.991757	1.00422	1.00422	0.632721	0.821624	-1.2171	0.811524	0.907119	-1.10239	0.510343	0.761486	-1.31322	0.0757475	0.446376	-2.24026	0.194193	0.570931	-1.75153	0.95861	0.979045	-1.0214	0.608099	0.809728	-1.23498	0.779936	1.12109	1.12109	0.720024	1.89888	2.34422	1
ag03159070	SCARB1;SCARB1		0.683787		0.830795	1.1207	1.1207	0.535252	2.022037	2.022037	0.125808	2.4161	2.4161	0.673853	1.25285	1.25285	0.879799	1.08819	1.08819	0.992093	1.00469	1.00469	0.383194	1.60995	1.60995	0.848233	1.10741	1.10741	0.3882	0.6244	-1.60154	0.720013	3.33083	3.99244	1
ag07850604	INSM2;INSM2		0.683797		0.784154	1.0992	-1.0917	0.952528	1.20862	1.20862	0.411218	1.30972	1.30972	0.163726	0.746973	0.465893	0.26906	1.26906	0.609079	0.859296	-1.16578	0.115539	1.72908	1.72908	0.381467	1.56798	1.56798	0.383257	1.33255	1.33255	0.979398	1.17573	1.45153	1
ag09360495	NEK8		0.683809		0.175005	0.544811	-1.8355	0.699478	1.17741	1.17741	0.390532	1.44836	1.44836	7	7	7	0.492027	0.745418	-1.34153	0.665129	1.20124	1.20124	0.898939	1.05495	1.05495	0.597979	0.799284	-1.25112	0.336079	0.658619	-1.51833	0.704808	1.75885	2.49551	1
ag12467864	PRC1;PRC1;PRC1		0.683814		0.792852	1.15952	1.15952	0.319562	1.28566	1.28566	0.426089	1.57619	1.57619	0.837678	0.890808	-1.12258	0.498861	1.07037	1.07037	0.47252	0.833389	1.12607	1.12607	0.174097	0.446237	-2.25919	0.343469	1.73941	1.73941	0.650232	1.29344	1.29344	0.729974	0.62291	0.47289	1
ag23252698	PROSC		0.683815		0.711074	1.21303	1.21303	0.709605	1.21429	1.21429	0.718127	1.20701	1.20701	0.631741	1.28484	1.28484	0.578703	0.747416	-1.33794	0.87394	1.0859	1.0859	0.227407	0.513835	-1.93037	0.163348	0.462	-2.1645	0.321412	0.587594	-1.70186	0.979203	0.307201	3.39274	1
ag11969407	MRPS14		0.683832		0.668138	0.78259	-1.27741	0.623725	0.941746	1.06354	0.765485	0.931257	-1.07378	0.330889	0.770792	-1.29738	0.330889	1.29737	0.837532	1.19397	1.19397	0.660023	1.5147	1.5147	0.0002	2.68111	2.68111	0.885949	1.08553	1.08553	0.979966	0.98131	-1.02569	0.720057	1.38535	1.78518	1
ag09800118	HAX1;HAX1		0.683826		0.324188	1.26131	1.26131	0.481963	1.17698	1.17698	0.932404	0.980843	-1.01953	0.573035	0.878229	-1.13866	0.375747	1.23032	1.23032	0.266104	1.30241	1.30241	0.826088	0.951063	-1.05145	0.98799	0.996574	-1.00344	0.141234	1.43442	1.43442	0.719956	0.592802	0.731899	1
ag04143106	RPS27;RPS27		0.683838		0.32027	1.68064	1.68064	0.79801	1.13843	1.13843	0.308437	1.70389	1.70389	0.69435	0.819018	-1.22097	0.787397	1.14643	1.14643	0.956864	1.02772	1.02772	0.526906	0.728178	-1.38278	0.767797	1.16146	1.16146	0.139953	0.448063	-2.23183	0.719947	2.91395	3.59776	1
ag26278703	FAM131A;FAM111A;FAM111A		0.683841		0.452685	0.955768	-1.04611	0.124324	0.8326	-1.20116	0.252176	0.806204	-1.24045	0.196271	0.66578	-1.50178	0.277514	1.17585	1.17585	0.527881	1.1007	1.1007	0.556237	0.914577	-1.0934	0.952338	0.991054	-1.00903	0.883579	1.02221	1.02221	0.719926	0.256634	0.316861	1
ag07712444	C2CD3;PPME1		0.683851		0.237247	0.846081	-1.18192	0.925105	1.01277	1.01277	0.842281	1.02726	1.02726	0.843883	0.973737	-1.02697	0.698124	1.05402	1.05402	0.305758	0.86663	-1.1539	0.650362	0.940264	-1.06353	0.509272	1.09458	1.09458	0.189955	1.2061	1.2061	0.719921	0.207755	0.256516	1
ag10068005	PDX14		0.683859		0.641426	1.87576	1.87576	0.93524	1.02728	1.02728	0.922408	1.02114	1.02114	0.536104	1.31092	1.31092	0.40133	1.29252	1.29252	0.874816	1.1451	1.1451	0.800892	1.04019	1.04019	0.313613	1.23952	1.23952	0.348787	1.24486	1.24486	0.729386	1.27286	0.759803	1.0489	1.0489	0.719873	0.276379	0.341264	1
ag03400828	SPATS1		0.683894		0.38968	0.558052	-1.79195	0.958911	1.03468	1.03468	0.28653	2.07889	2.07889	0.350867	0.529737	-1.88773	0.269804	1.46748	1.46748	0.307454	0.897516	1.11468	1.11468	0.955434	0.961914	0.960919	-1.04067	0.733759	0.797787	1.25347	1.25347	0.719859	0.99225	6.16447	1
ag10318725	RASA3		0.683839		0.989405	0.99481	-1.00522	0.240853	1.61789	1.61789	0.260142	0.631126	-1.58447	0.317868	1.49864	1.49864	0.922869	1.01868	1.01868	0.827362	1.08935	1.08935	0.571361	0.799201	-1.25125	0.266987	1.57326	1.57326	0.766371	1.12385	1.12385	0.71985	1.75049	2.16154	1
ag2921140	SSR3		0.683906		0.77788	1.34985	1.34985	0.731952	1.56349	1.56349	0.405705	1.9355	1.9355	0.178873	1.801285	-1.25107	0.213073	2.25213	2.25213	0.929151	0.948042	-1.0548	0.608384	0.73346	-1.3634	0.221468	1.2616	1.2616	0.884429	0.923452	-1.08289	0.719843	0.4017	0.60493	1
ag01880902	TCERG1;TCERG1		0.683908		0.666879	1.09268	1.09268	0.254703	1.27561	1.27561	0.314172	1.23746	1.23746	0.594765	0.895929	-1.11616	0.714365	0.92752	1.07814	0.566666	0.88821	-1.12586	0.323763	0.81172	-1.23195	0.553632	1.13048	1.13048	0.387003	1.19902	1.19902	0.71984	0.477645	0.589816	1
ag23122172	TMEM180		0.683911		0.839573	1.19098	1.19098	0.61564	1.30744	1.30744	0.356453	1.65597	1.65597	0.183157	1.39451	1.39451	0.183557	1.65597	1.65597	0.134812	0.706086	0.87407	-1.14345	0.130387	1.23605	1.23605	0.327071	0.962616	-1.03851	0.597271	1.78784	1.78784	0.719835	0.263265	0.367755	1
ag17419731	MIR58B;FBXL18		0.683931		0.437367	0.436079	-2.29316	0.795638	0.761935	-1.31245	0.709949	1.479	1.479	0.78278	0.753827	-1.32656	0.141177	0.19057	5.24742	0.4499998	0.446474	-2.23977	0.134341	0.184293	-5.42614	0.402153	0.407297	-2.45521	0.977219	0.970531	-1.03036	0.719806	12.5104	15.4491	1
ag11395799	DENND2C		0.683934		0.702722	1.41375	1.41375	0.523016	1.79411	1.79411	0.159243	3.88984	3.88984	0.602661	1.60681	1.60681	0.712849	1.39624	1.39624	0.493339	1.87416	1.87416	0.141015	4.17696	4.17696	0.211743	3.28009	3.28009	0.29851	2.646	2.646	0.719794	9.29402	11.4785	1
ag04048326	CCSCBC		0.683961		0.937766	1.08354	1.08354	0.775059	1.13845	1.13845	0.711374	1.16842	1.16842	0.376583	1.02046	1.02046	0.932551	1.03889	1.03889	0.925307	1.08403	1.08403	0.460602	0.930439	-1.75304	0.833097	1.1708	1.1708	0.742806	1.25281	1.25281	0.719735	0.36521	0.78618	1
ag29977745	NCOR2;NCOR2		0.683997		0.137908	1.80933	1.80933	0.9161	0.961643	-1.03989	0.702915	0.867426	-1.15284	0.331661	1.45026	1.45026	0.73751	0.882632	-1.13297	0.610787	1.20986	1.20986	0.551833	1.25035	1.25035	0.583317	1.22828	1.22828	0.322755	0.684478	-1.46097	0.719712	1.57027	1.93938	1
ag04409	KB1		0.684009		0.79955	1.17995	1.17995	0.748496	0.728323	-1.38399	0.870999	1.12153	1.12153	0.144053	0.736233	1.36231	1.36231	0.736233	1.36231	1.36231	0.207171	0.527787	1.89525	1.89525	0.0001	3.79563	3.79563	0.129966	2.49607	2.49607	0.350581	0.648931	0.74897	4.5727	5.46021	1
ag03044426	VBP1		0.684019		0.302454	0.31785	-3.14614	0.19243	0.227575	-4.39416	0.43076	0.427136	-2.34117	0.503451	0.20717	0.27171	0.197597	0.92066	-1.08618	0.158827	0.198703	-5.03263	0.604567	0.570909	-1.75159	0.879369	0.849629	-1.17698	0.920733	1.11271	1.11271	0.719681	13.1223	16.2076	1
ag03572987	TBX10		0.684022		0.587815	0.738221	-1.35461	0.288053	0.542405	-1.84364	0.74353	0.833527	-1.19972	0.343668	1.71777	1.71777	0.345734	0.583579	-1.71356	0.770535	0.850262	-1.17611	0.849526	0.900037	-1.11109	0.338537	0.578591	-1.72834	0.296351	1.8231	1.8231	0.719675	3.50609	4.33046	1
ag03404321	C6orf124		0.684031		0.765997	1.30563	1.30563	0.5	0.728823	-1.38399	0.870999	1.12153	1.12153	0.144053	0.736233	1.36231	1.36231	0.736233	1.36231	1.36231	0.207171	0.527787	1.89525	1.89525	0.0001	3.79563	3.79563	0.129966	2.49607	2.49607	0.350581	0.648931	0.74897	4.5727	5.46021	1
ag02547825	NOTUM		0.684034		0.679916	1.08393	1.08393	0.16826	0.738586	-1.35394	0.736495	0.935215	-1.06927	0.416644	1.18687	1.18687	0.164368	0.736253	1.35823	1.35823	0.691794	0.921061	-1.0857	0.675883	1.09065	1.09065	0.767938	0.940762	-1.06297	0.940159	1.01561	1.01561	0.719658	0.485423	0.599572	1
ag03480535	AFF1		0.684036		0.571286	0.814796	-1.22836	0.152176	0.625	-1.60000	0.266496	0.786644	-1.27155	0.474881	0.635968	-1.57236	0.323501	1.28454	1.28454	0.892054	1.06005	1.06005	0.439991	1.14005	1.14005	0.0001	2.22274	2.22274	0.0001	2.89202	2.89202	0.719678	0.615151	0.742608	0.720278	1.16454	1.39458	1
ag08641651	LIN9D3		0.684045		0.980861	0.986956	-1.01322	0.644517	1.28955	1.28955	0.219635	2.02687	2.02687	0.492722	1.46422	1.46422	0.375951	0.608153	-1.64432	0.418519	0.636061	-1.57218	0.665323	0.788036	-1.26898	0.439137	0.640282	-1.56016	0.384731	1.6287	1.6287	0.719644	3.41446	4.21747	1
ag27325861	LOC100130581;LOC100130581		0.684063		0.170191	0.568381	-1.75938	0.837491	0.91325	-1.0961	0.622886	0.626812	-1.59536	0.489842	1.357	1.357	0.376446	0.704161	-1.42038	0.354642	0.589478	-1.69642	0.360762	0.962386	-1.03908	0.914644	0.959102	-1.04264	0.719618	0.704659	2.16567	1
ag09980541	C16orf86;C16or948		0.684067		0.409373	0.342254	-2.92381	0.37496	1.181111	1.181111	0.332686	0.646046	0.646046	0.439842	0.503564	0.503564	0.334006	0.738434	-1.35405	0.803034	0.893916	1.11655	1.11655	0.0001	2.89202	2.89202	0.719632	0.857916	1.16621	1.16621	0.719613	0.5443	0.732637	0.719631	0.719631	0.719631	1
ag06789999	HSPA12A		0.684089		0.768094	1.18994	1.18994	0.459868	1.55666	1.55666	0.279782	0.51644	-1.93633	0.494161	0.650156	-1.50363	0.365159	0.578551	-1.72846	0.654297	1.30354	1.30354	0.200766	2.21379	2.21379	0.680552	1.27567	1.27567	0.840283	1.126	1.126	0.71958	3.94177	4.86923	1
ag04109	GJA8		0.684109		0.22523	0.508445	-1.96667	0.756496	0.856047	-1.16816	0.608784	0.757272	-1.32053	0.540462	1.39515	1.39515	0.373975	0.716923	-1.39515	0.837915	0.362724	-2.75692	0.424005	0.644214	-1.55228	0.548484	0.858385	-1.16529	0.807316	1.56603	-1.56603	-1.56603	0.719822	0.719822	0.719822	0.719822	1
ag05272245	PIP5KAP2		0.684125		0.657047	0.915593	-1.09219	0.59099	0.898472	1.113	0.369536	1.19945	1.19945	0.749283	0.938685	-1.06532	0.512216	1.14017	1.14017	0.998406	1.00039	1.00039	0.28025	1.24795	1.24795	0.292848	1.2403	1.2403	0.18449	1.32019	1.32019	0.719528	0.443793	0.548251	1
ag07317983	ZBTB20;ZBTB20		0.684143		0.233661	0.534153	-2.54099	0.0839219	0.213924	-4.69479	0.336801	0.449504	-2.22634	0.749993	0.367229	-3.00339	0.358321	0.463904	-2.14637	0.582393	0.77878	-1.28378	0.642302	0.4148	-2.41148	0.520898	1.32649	1.32649	0.668688	1.2034	1.2034	0.719519	2.08	2.56961	1
ag14224441	VGLL4		0.684149		0.378935	0.680308	-1.47057	0.661411	0.854162	-1.17042	-1.18604	0.476855	-2.09777	0.731344	0.863083	-1.15864	0.760646	1.19444	1.19444	0.582391	0.77878	-1.28378	0.643802	0.4148	-2.41148	0.520898	1.32649	1.32649	0.668688	1.2034	1.2034	0.719519	2.08	2.56961	1
ag02754936	FANCA;FANCA		0.684137		0.672478	0.932225	-1.07155	0.414456	0.873207	-1.1452	0.863659	0.972453	-1.02833	0.666307	0.931918	-1.07306	0.491366	0.892618	-1.1203	0.520129	0.899462	-1.11178	0.292964	0.839584	-1.19107	0.834001	0.966485	-1.03468	0.12738	1.30727	1.30727	0.719512	0.303011	0.371871	1
ag05680567	HERPUD1;HERPUD1		0.684144		0.689017	0.859404	-1.16377	0.611451	0.811511	1.23111	0.464605	0.738351	1.35435	0.388615	0.737689	1.35435	0.388615	0.737689	1.35435	0.388615	0.737689

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg27430402	B2	0.684873	0.178344	0.64388	-1.55308	0.561367	1.19817	1.19817	0.16334	1.58094	1.58094	0.817433	0.931286	-1.07378	0.860309	0.947215	-1.05573	0.833088	1.06713	1.06713	0.501136	1.23393	1.23393	0.556977	1.20066	1.20066	0.682281	1.13509	1.13509	0.718457	1.07846	1.33429	1
cg22367962	SPRR3	0.684878	0.752842	0.91547	-1.09234	0.356343	1.27703	1.27703	0.861281	0.955917	-1.04612	0.978897	1.00684	1.00684	0.6186	0.878652	-1.13811	0.506494	0.840519	-1.18974	0.538679	0.851758	-1.17404	0.706644	1.10237	1.10237	0.101261	1.5883	1.5881	0.718457	0.756009	0.935058	1
cg15902957	FST-FST	0.684912	0.328395	2.87047	2.87047	0.99002	1.00122	1.00122	0.885754	1.16215	1.16215	0.18453	0.229651	-4.35443	0.164019	0.211764	-4.72224	0.447259	0.445001	-2.24719	0.951722	0.938672	-1.06533	0.74875	0.714697	-1.3992	0.732667	0.698796	-1.43103	0.718402	12.4318	15.382	1
ch.2.229169FF	CCDC138	0.684934	0.281283	0.74760	-1.3376	0.889789	0.96447	-1.03684	0.65907	1.12283	1.12283	0.22723	1.39201	1.39203	0.242638	0.72684	-1.37582	0.805308	0.937595	-1.06656	0.674667	0.895698	-1.11645	0.430893	0.810772	-1.23339	0.658438	1.12309	1.07837	0.774573	0.958432	1
cg16318479	DOCK1	0.684944	0.798413	0.88045	-1.13578	0.586801	1.31389	1.31389	0.777777	1.15114	1.15114	0.541798	0.735474	-1.35967	0.371542	0.633536	-1.57944	0.168142	2.07649	2.07649	0.338334	1.63399	1.63399	0.48564	0.702952	-1.42257	0.615921	1.2861	1.2861	0.783362	2.81569	3.48409	1
cg06240209	CTBP2;CTBP2;CTBP2;CTBP2	0.684959	0.774324	0.754154	-1.32599	0.799795	1.28329	1.28329	0.165535	4.2701	4.2701	0.965585	0.958537	-1.04326	0.610087	0.603635	-1.65663	0.465659	0.482526	-2.07243	0.170664	0.238833	-4.18704	0.754556	1.36045	1.36045	0.653914	0.642155	-1.55726	0.718335	10.9596	13.5618	1
cg20660949	RDH13;RDH13;RDH13;RDH13	0.685043	0.501205	0.68282	-1.4643	0.407372	1.60921	1.60921	0.810305	0.879394	1.17272	0.998513	1.04426	1.04426	0.291804	0.541159	-1.84782	0.460199	0.655679	-1.52514	0.19476	0.38716	-2.58158	0.864072	0.908296	-1.10096	0.676258	1.26584	1.26584	0.718329	3.58497	4.43619	1
cg10201084	SELO	0.685049	0.635306	1.27801	1.27801	0.154481	2.2014	2.2014	0.210809	1.96782	1.96782	0.609094	1.30319	1.30319	0.535965	0.72484	-1.37961	0.79075	0.87237	-1.1463	0.675661	0.805698	-1.24116	0.515281	1.3417	1.3417	0.603748	0.764263	1.30483	0.958913	2.99913	3.71129	1
cg13003883	STX16	0.684973	0.478071	0.884609	-1.13044	0.294635	1.20294	1.20294	0.444697	1.14162	1.14162	0.575191	0.908233	-1.10104	0.623748	1.08768	1.08768	0.387163	1.16263	1.16263	0.23027	1.23857	1.23857	0.486158	0.88666	-1.12783	0.647643	1.08137	1.08137	0.718315	0.32876	0.406829	1
cg13749100	EPHA3;EPHA3	0.684974	0.91413	1.09355	1.09355	0.756461	1.14164	1.14164	0.220722	1.6202	1.6202	0.916168	1.00651	1.00651	0.971277	0.940259	-1.06329	0.825052	0.938493	-1.06554	0.810972	0.930478	-1.07472	0.849183	0.849183	-1.17689	0.576389	1.57689	1.57689	0.718373	0.935372	1.15749	1
cg23672752	DYNC1LI2	0.685024	0.305149	1.27565	1.27565	0.870267	1.03818	1.03818	0.910173	0.974457	-1.02621	0.514568	1.16361	1.16361	0.338704	1.2537	1.2537	0.196057	1.36813	1.36813	0.712222	1.08866	1.08866	0.597222	0.884921	-1.13004	0.159555	1.41143	1.41143	0.73811	0.597888	0.739994	1
cg18354459	CCNA2	0.684989	0.275886	1.25331	1.25331	0.164274	1.34995	1.34995	0.403796	1.18283	1.18283	0.471374	1.15713	1.15713	0.350624	1.21091	1.21091	0.246684	1.37291	1.37291	0.566045	0.890865	-1.1231	0.996609	1.11237	1.11237	0.527543	1.19599	1.19599	0.782991	0.451404	0.558615	1
cg04151468	RBM Y1A3P	0.685	0.145726	0.16619	0.16619	7	0.74296	7	0.742969	1.6464	1.6464	0.615709	0.464488	-2.15291	0.560502	0.511866	-1.95364	0.299807	5.09412	5.09412	0.759773	0.62832	-1.59154	0.942228	0.739368	-1.35251	0.484246	0.340596	-2.93603	0.703074	22.7234	32.32	1
cg02430430	CCDC33	0.68502	0.506559	0.740475	-1.35048	0.669474	0.825759	-1.21101	0.224988	1.7651	1.7651	0.586353	1.27757	1.27757	0.65768	0.817682	-1.22297	0.925871	0.959358	-1.04236	0.257204	0.590251	-1.6942	0.23231	0.572081	-1.748	0.777866	0.88153	-1.13439	0.718248	2.26125	2.79848	1
cg16615348	YTRNA1-1	0.68502	0.724204	0.942991	-1.347	0.330145	1.32768	2.32768	0.932204	0.922127	-1.08445	0.264399	0.760223	-1.31552	0.263541	0.948062	-1.05452	0.24319	3.956605	2.80422	0.763203	0.775645	-1.28925	0.442867	0.93067	1.93067	0.800178	1.23771	1.23771	0.718248	0.84233	0.95303	1
cg06529078	SPS24;VPS24	0.685021	0.514806	1.58241	1.58241	0.135904	3.087	3.087	0.407414	1.80329	1.80329	0.46622	1.67446	1.67446	0.632861	0.716001	-1.39665	0.981582	1.01613	1.01613	0.316387	0.485846	-2.05827	0.957692	0.963885	-1.03747	0.983192	1.01471	1.01471	0.718493	5.35531	5.7972	1
cg09763839	CFH;CFHR2	0.685024	0.37474	0.866223	-1.15444	0.843246	1.0885	1.0885	0.937234	1.03382	1.03382	0.615533	0.807492	-1.2384	0.257757	0.576803	-1.73355	0.162783	0.553026	-1.80908	0.621682	1.23298	1.23298	0.965069	1.01807	1.01807	0.119222	1.54448	1.54448	0.718241	2.0285	2.51045	1
cg15452575	SNCA;SNCA;SNCA;SNCA	0.685034	0.398017	1.24201	1.18751	0.814745	1.04771	1.04771	0.407568	1.18322	1.18322	0.817156	0.969737	-1.03121	0.196205	0.762803	-1.31181	0.992554	0.998148	-1.00186	0.612318	0.90349	-1.10682	0.144096	0.732208	-1.36573	0.902111	0.975639	-1.02497	0.718228	0.44864	0.555243	1
cg13011901	TMIE	0.685038	0.289459	0.380459	-2.6284	0.573267	1.64906	1.64906	0.447243	1.97549	1.97549	0.664861	0.681758	-1.4668	0.164003	0.271106	-3.68859	0.456427	0.51344	-1.94765	0.574633	0.607508	-1.64607	0.432981	0.494969	-2.02033	0.468071	0.522621	-1.91343	0.718222	8.78674	10.8747	1
cg07313274	TSSC1	0.685075	0.400322	0.505061	-1.98767	0.331179	0.915067	-1.09282	0.569536	1.58194	1.58194	0.58104	1.34094	1.34094	0.208728	1.34094	1.34094	0.332039	0.449953	2.22236	0.74504	0.771153	-1.29674	0.285157	0.421374	-2.42499	0.16298	0.347747	-3.28141	0.849353	1.852739	1.274095	0.896346	1
cg06601633	TRIM9;TRIM9	0.685079	0.832394	0.902929	-1.10751	0.937919	1.00134	-1.03821	0.892391	1.06741	1.06741	0.837335	1.10411	1.10411	0.749533	1.16709	1.16709	7	7	7	0.723704	1.18686	1.18686	0.847284	0.374332	-2.67143	0.996699	1.00199	1.00199	0.706575	2.11528	1.87107	1
cg08167039	NCRNA00215;LOC643837	0.685106	0.442326	0.494311	-2.01831	0.574775	1.04567	1.04567	0.3422	0.870068	-1.14933	0.228111	0.835009	-1.19759	0.185035	0.819442	-1.22183	0.878989	1.02195	1.02195	0.965558	1.00062	1.00062	0.987305	0.928776	-1.07669	0.201759	0.825196	-1.21183	0.718125	2.03165	2.02801	1
cg18002076	KIAA0947	0.68511	0.294104	0.748793	-1.33548	0.601146	0.869169	-1.15052	0.829704	0.944348	-1.05893	0.42343	1.24278	1.24278	0.140613	0.656146	-1.52405	0.246773	0.72472	-1.37984	0.86267	1.0471	1.0471	0.956697	0.985668	-1.01454	0.618999	0.875231	-1.14256	0.718119	0.803779	0.994919	1
cg04291704	CMA5	0.68511	0.142758	1.53102	1.53102	0.831324	0.949356	-1.05937	0.210708	0.700057	-1.42845	0.874849	1.04354	1.04354	0.900243	0.900919	-1.10998	0.682477	0.894746	-1.11764	0.623616	0.878405	-1.14309	0.606377	0.868895	-1.15089	0.423608	0.801735	-1.2473	0.718118	0.831504	1.02924	1
cg13660719	DDR1;DDR1	0.685121	0.907993	1.053113	1.053113	0.597274	0.934099	-1.07078	0.729137	1.46368	1.46368	0.744264	1.25997	1.25997	0.563926	1.25997	1.25997	0.644907	0.917564	-1.09002	0.545336	0.907703	-1.10184	0.560708	0.947809	-1.05501	0.513321	1.3248	1.3248	0.718103	2.02745	2.50964	1
cg12325455	TRIOBP	0.685129	0.762568	1.12227	1.12227	0.973614	1.01267	1.01267	0.689024	1.16549	1.16549	0.15754	1.77779	1.77779	0.461631	0.751784	-1.33017	0.342302	1.45134	1.45134	0.984861	1.00725	1.00725	0.243339	0.628287	-1.59163	0.852797	1.07327	1.07327	0.718092	1.64833	2.04038	1
cg17457807	BOC;BOC	0.685159	0.347232	0.829713	-1.20581	0.268643	1.32349	1.32349	0.262495	1.16431	1.16431	0.855658	0.952961	-1.04961	0.510721	0.870455	-1.14902	0.693711	1.10718	1.10718	0.810284	0.944374	-1.13433	0.840282	0.874198	-1.14393	0.611126	1.23949	1.23949	0.718049	0.742118	0.918685	1
cg19196740	ZNF582	0.68561	0.305114	1.82249	1.82249	0.482089	1.49752	1.49752	0.7887	1.16395	1.16395	0.4316	0.635299	-1.57406	0.613445	0.749833	-1.33363	0.211008	4.74808	2.10612	0.508416	0.46108	-2.16908	0.458414	0.46108	-2.16908	0.458414	0.460196	-2.17276	0.718041	1.58504	1.58004	0.180646	1.63276	4.4971	1
cg05426006	GTF2F2	0.685162	0.333473	0.483374	-2.06879	0.174572	0.349116	-2.86437	0.767082	1.24166	1.24166	0.542261	1.56757	1.56757	0.215957	0.387146	-2.583	0.410816	0.541788	-1.84574	0.544395	0.639483	-1.56376	0.57437	0.661317	-1.51213	0.863419	1.13368	1.13368	0.718044	0.03907	0.747595	1
cg25906220	FGFRL1;FGFRL1;FGFRL1	0.685175	0.087206	0.577104	-1.73202	0.154319	0.369	-2.70917	0.369	1.26528	1.26528	0.79255	0.895382	-1.11705	0.440202	0.449953	-2.22326	0.94054	1.06297	1.06297	0.959766	0.940022	-1.06357	0.677481	0.959766	-1.04227	0.744444	1.3967	1.3967	0.824835	1.19373	1.78206	0.88394	1
cg21148737	ER3	0.685176	0.939391	0.975119	-1.02552	0.125605	0.577415	-1.73186	0.240525	0.665556	-1.5025	0.761671	1.10604	1.10604	0.559758	0.822507	-1.21579	0.473646	1.27311	1.27311	0.547073	1.22372	1.22372	0.85621	1.06194	1.06194	0.899814	0.959127	-1.04261	0.718025	1.24839	1.54546	1
cg25720209	ZSWIM4	0.685184	0.503552	0.632815	-1.58019	0.399033	1.08811	1.08811	0.15301	0.356479	-2.80524	0.407829	0.565147	-1.76945	0.261358	0.454068	2.20231	0.450622	0.28105	3.55851	0.234649	0.433768	-2.31606	0.203705	0.40785	-2.45188	0.502255	0.672329	-1.48757	0.718018	5.16619	6.34982	1
cg00215133	W3	0.685191	0.215099	0.63799	-2.17496	0.111055	0.366353	-2.72961	0.303744	0.444479	-2.25035	0.938312	1.06117	1.06117	0.246116	0.394461	-2.5352	0.432639	0.540128	-1.84823	0.41587	0.529158	-1.8898	0.262353	0.408026	-2.45082	0.958772	0.961511	-1.04045	0.718007	6.69054	8.28275	1
cg02755455	JAK1	0.685199	0.545841	1.21976	1.21976	0.680651	0.874143	-1.14398	0.141679	1.61363	1.61363	0.847041	1.06477	1.06477	0.333692	0.72322	-1.3827	0.183255	1.58202	1.58202	0.21517	1.52806	1.52806	0.726318	1.12098	1.12098	0.797692	1.08706	1.08706	0.717992	1.20097	1.49843	1
cg12559824	RAB11FIP5	0.685204	0.959979	1.01397	1.01397	0.895805	0.964411	-1.0369	0.123559	0.630448	-1.58617	0.484034	0.821443	-1.21737	0.668501	1.12652	1.12652	0.731246	1.10005	1.10005	0.406193	1.26492	1.26492	0.475785	1.22207	1.22207	0.429738	0.800175	-1.24973	0.717984	0.869766	1.0768	1
cg01997599	TRPA4	0.685247	0.316281	0.289417	-3.45522	0.289463	1.17749	1.17749	0.317426	0.203834	-3.44443	0.5115	0.450742	-2.21857	0.574343	0.507052	-1.97219	0.515135	0.453927	-2.203	0.609082	0.85381	1.85381	0.486603	2.302	2.3302	0.164238	0.964309	1.03628	0.717922	1.84289	0.906439	0.201617	1
cg23193291	S1;IN51;LINS1;LINS1	0.685261	0.842127	0.968127	-1.03292	0.409281	0.8719	-1.14692	0.693707	0.93752	-1.06664	0.663565	0.931374	-1.07358	0.360052	1.16282	1.16282	0.312929	1.18476	1.18476	0.363333	0.859203	-1.16387	0.408764	0.871762	-1.1471	0.367992	1.16207	1.16207	0.717902	0.299992	0.371443	1
cg14163616	LDLA;LDLA;LDLA	0.685268	0.997662	1.008629	-1.00137	0.322789	0.619155	-1.61511	0.342704	0.902418	-1.10813	0.809971	1.04268	1.04268	0.396197	0.763037	-1.57085	0.348556	1.57302	1.57302	0.18681	0.6045	0.6045	0.583566	1.29858	1.29858	0.301121	1.65352	1.65352	0.717896	0.32105	0.31084	1
cg09377744	C17orf63;C17orf63	0.685269	0.473166	0.805264	-1.24183	0.388049	0.769032	-1.30034	0.34366	1.33587	0.92715	0.972695	-1.02807	0.416622	0.781575	-1.27947	0.429166	2.37073	1.27073	0.328275	0.741156	-1.34924	0.917027	1.03142	1.03142	0.369856	1.3144	1.3144	0.717892	1.00195	1.24061	1
cg02308007	HCY2	0.685286	0.42236	0.493411	-2.03031	0.574775	1.04567	1.04567	0.3422	0.870068	-1.14933	0.228111	0.835009	-1.19759	0.185035	0.819442	-1.22183	0.878989	1.02195	1.02195	0.965558	1.00062	1.00062	0.987305	0.928776	-1.07669	0.201759	0.825196	-1.21183	0.718125	2.03165	2.02801	1
cg10822495	SKA2;SKA2;MIR301A	0.685291	0.322691	0.47543	-2.10136	0.781993	1.23374	1.23374	0.507107	1.63209	1.63209	0.74836	0.791144	-1.26399	0.285184	0.445756	-2.24318	0.390705	0.527213	-1.89677	0.128459	0.302401	-3.30687	0.671533	0.733112	-1.36405	0.998234	0.99839	-1.00161	0.717859	6.02325	7.54829	1
cg15442702	FGF9A;FGF9;FGF9;FGF9	0.685298	0.45407	0.779358	-1.28301	0.408912	0.920299	-1.08665	0.915991	1.03501	1.03501	0.998016	0.995951	-1.00405	0.817917	0.924158	-1.08209	0.769544	1.29947	1.29947	0.276619	0.845721	-1.1867	0.640989	0.874005	-1.14392	0.641136	1.23949	1.23949	0.718048	0.924118	0.918685	1
cg02527547	GDPD5	0.685324	0.756226	0.88372	-1.13158	0.764932	1.07485	-1.12641	0.325926	0.633729	1.57863	0.812312	0.869791	-1.1497	0.533016	0.772987	-1.29479	0.280503	3.564529	1.55393	0.801048	0.904627	-1.10543	0.338452	0.679911	-1.47949	0.197245	0.582104	-1.71791	0.717841	0.7551	2.2184	1
cg21992400	SOX6;SOX6;SOX6;SOX6 ///DDX2;DDHD2;DDHD2;DDHD2	0.685307	0.666484	0.696894	-1.43494	0.08046	0.198929	-5.02691	0.896351	1.11466	1.11466	0.945161	1.05897	1.05897	0.196223	0.320402	-3.12108	0.468299	0.540865	-1.84889	0.767881	0.781527	-1.27955	0.619502	0.659082	-1.51726	0.823114	1.20499	1.20499	0.717837	7.88616	9.76534	1
cg15186685	2	0.68532	0.066869	0.478638	-2.08926	0.995526	0.997991	-1.00201	0.679785	0.86169	-1.16051	0.607583	1.20415	1.20415	0.671872	0.858294	-1.1651	0.674187	0.859288	-1.16375	0.35694	0.711906	-1.40468	0.665342	1.16892	1.16892	0.872323	0.94522	-1.05795	0.717818	1.46239	1.81091	1
cg21654359	PJRK3	0.685325	0.836363	0.948074	-1.15008	0.878256	1.37492	1.17492	0.503656	1.46099	1.46099	0.577042	0.716965	-1.39477	0.774939	0.804848	-1.24247	0.840782	0.894369	-1.11848	0.784574	1.17565	1.17565	0.847708	0.653049	-1.53128	0.795689	0.857926	-1.1656	0.717811	1.96477	4.6097	1
cg04650971	NCRNA00086	0.685327	0.298132	0.240104	-4.16487	0.970924	1.0494	1.0494	0.944251	1.25628	1.25628	0.712552	1.25972	1.25972	0.233548	5.21824	5.21824	0.465186	2.67306	2.67306	0.241567	0.172392	-5.80424	0.246148	0.82931	-1.20564	0.837683	1.31373	1.31373	0.986634	1.02241	1.02241	0.717808	1.83932	2.41584	1
cg06251500	KCNH2;KCNH2	0.685353	0.319605	1.55406	1.55406	0.135711	1.99219	1.99219	0.341209	1.52258	1.52258	0.506617	0.749139	-1.33487	0.883797	1.0647	1.0647	0.863901	0.929008	-1.07631	0.436195	1.40565	1.40565	0.710748	1.167	1.167	0.59602	0.795057	-1.25777	0.717771	0.208876	0.25872	1
cg14535068	OBSL1	0.685354	0.712419	0.946446	-1.05653	0.764795	0.94348	-1.06007	0.644628	1.68967	1.68967	0.299528	1.54044	1.54044	0.300117	1.4455	1.4455	0.916653	1.07367	1.07367	0.65204	1.19443	1.19443	0.885515	1.42543	1.42543	0.47126	1.27626	1.27626	0.71725	0.31313	0.38333	1
cg15673955	RAPGEF4;RAPGEF4	0.685361	0.685636	0.124291	0.421237	-2.37396	0.239966	0.527733	-1.8949	0.900635	0.93717	-1.06704	0.866273	0.916571	-1.0915	0.221597	0.513039	-1.94917	0.919735	0.945263	-1.05791	0.745848	1.18405	1.18405	0.841003	0.900932	-1.10996	0.339067	0.599358	-1.66845	0.717761	3.06771	3.79911	1
cg07465373	PAQR9	0.685372	0.801059	1.0594	1.0594	0.194427	0.778715	-1.36852	0.96023	0.988668	-1.01146	0.201724	1.36084	1.36084	0.979408	1.00575	1.00575	0.538609	1.1337	1.1337	0.284066	0.775619	-1.28925	0.821011	0.954928	-1.05316	0.743584	1.0779	1.0779	0.718743	0.593763	0.735346	1
cg01124275	11-Sep	0.685376	0.758087	1.08771	1.08771	0.516719	0.83617	-1.19593	0.910145	0.909485	-1.09642	0.940152	0.979775	-1.02064	0.545642	1.1811	1.1811	0.698151	1.11189	1.07308	0.729393	1.72293	1.72293	0.469007	0.818323	-1.22201	0.788433	1.07594	1.07594	0.717739	0.841963	1.04274	1
cg02164407	EIF3F	0.685378	0.766884	1.12632	1.12632	0.143893	1.87441	1.87441	0.223986	1.66725	1.66725	0.598122	1.23719	1.23719	0.519711	1.29841	1.29841	0.367005	0.690168	-1.44802	0.629951	1.21441	1.21441	0.956568	0.978443	-1.02203	0.421998	1.38848	1.38848	0.717734	1.8201	2.25413	1
cg11449070	SAC3A;RIBC1;RIBC1	0.68538	0.814004	1.548274	-1.8239	0.130829	0.660782	1.49152	0.436341	0.4369	0.4369	0.96899	0.890909	-1.12255	0.594218	0.74893	-1.33543	0.731601	1.08623	1.08623	0.891842	7	7	7	0.568239	-1.75956	7	0.759424	2.45262	2.45262	7	0.717697	0.56124	0.66144	1
cg14083590	HEATR5B;CCDC75;HEATR5B	0.685381	0.57176	0.907846	-1.10151	0.127566	0.3215	0.3215	0.465165	0.880791	-1.13534	0.860391	0.970654	-1.03023	0.83045	1.03695	1.03695	0.350615	1.17425	1.17425	0.610745	0.916811	-1.09074	0.441481	1.15146	1.15146	0.70299	1.06696	1.06696	0.717731	0.325405	0.403005	1
cg04975611	SQSTM1;SQSTM1	0.685383	0.617979	0.624763	-1.60161	0.602344	0.742242	1.34808	0.320068	0.674242	-1.48243	0.276903	0.867598	-1.15314	0.320746	0.862594	-1.16002	0.684504	0.842202	-1.18687	0.394674	0.710504	-1.40782	0.445037	0.884044	-1.13198	0.449202	1.04922	1.04922	0.717704	0.510588	0.636929	1
cg22396959	PPAP2B;PPAP2B	0.685385	0.5239	0.606389	-1.64911	0.115235	0.265462	-3.76702	0.185618	0.337222	-2.96539	0.574906	1.55093	1.55093	0.401359	0.514157	1.94493	0.794476	0.816943	-1.22408	0.769307	0.796312	-1.25579	0.975952	1.02362	1.02362	0.886338	1.11714	1.11714	0.717726	0.81804	0.44401	1
cg25814293	MAD1L1;MAD1L1;MAD1L1	0.685387	0.451562	1.50219	1.50219	0.73621	1.19648	1.19648	0.124148	0.413394	-2.419	0.651376	0.785586	-1.27293	0.494109	0.691841	-1.44542	0.722848	1.20795	1.20795	0.491325	1.44897	1.44897	0.418398	1.55068	1.55068	0.990758	1.00616	1.00616	0.717722	3.19952	3.96256	1
cg27006254	CCDC53;MIR423	0.685417	0.267526	1.27444	1.27444	0.806085	1.24255	1.24255	0.213051	1.93563	1.93563	0.145335	0.592674	1.28974	1.28974	0.768082	0.809393	-1.14951	7	7	0.387054	0.658519	-1.51856	0.688465	0.827055	-1.20911	0.199123	0.527666	-1.89534	0.760469	2.19555	3.12548	1
cg22290566	LMAN1L	0.685459	0.155593	0.374085	-2.67319	0.398863	1.74881	1.74881	0.899312	1.08537	1.08537	0.827181	1.15199	1.15199	0.144458	0.362603	-2.75784	0.979317	0.983364	-1.01692	0.938674	0.951426	-1.05105	0.67217	0.759234	-1.31712	0.954012	1.03803	1.03803	0.717619	0.475952	0.58945	1
cg13149355	CDK2	0.685462	0.098193	0.710282	-1.38582	0.439626	0.924837	-1.15229	0.331674	1.19458	1.19458	0.623381	1.09309	1.09309	0.811502	1.04342	1.04342	0.882163	0.979678	-1.02703	0.692314	0.930969	-1.07415	0.994962	0.994962	-1.00114	0.581963	0.904842	-1.10516	0.707596	0.367587	0.455331	1
cg17957801	VPS53;VPS53	0.68548	0.825323	0.856374	-1.16771	0.268948	0.440825	-2.26847	0.895944	0.912338	-1.09609	0.703467	0.764478	-1.30808	0.71347	1.29558	1.29558	0.738111	0.790133	-1.26561	7	7	7	0.186087	0.272903	2.72903	7	7	0.68561	0.953101	4.94202	1
cg05225549	MTHFSD;MTHFSD;MTHFSD;MTHFSD;M	0.68548	0.864642	0.962661	-1.03879	0.91704	0.977029	-1.02351	0.584352	1.13112	1.13112	0.539944	1.14843	1.14843	0.58657	0.884732	-1.13029	0.414704	1.20437	1.20437	0.174026	0.7243	-1.38064	0.247395	1.30963	1.30963	0.585024	1.13087	1.13087	0.717589	0.565361	0.700322	1
cg21469948	KLC1;KLC1	0.685489	0.494336	1.49564	1.49564	0.315321	1.82619	1.82619

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg21606736	HCN4		0.6861922	0.347647	0.4845434	-2.06384	0.3525153	1.16295	0.5962633	1.06295	0.7610377	1.13135	0.6129774	1.26859	0.2668959	1.56362	0.7625271	1.13135	0.3288888	1.0250605	-1.59983	1.780185	0.877665	-1.13939	0.4122297	0.6763938	-1.47842	0.65849	0.8121638	-1.23056	0.71657	2.46885	3.062555	1
cg27358585	HLA-C		0.6861098	0.4754836	0.821035	-1.21797	0.3669333	1.28669	0.7888269	1.07574	0.7705574	0.5722231	1.16791	1.16791	0.8640508	0.9485094	1.05429		0.7579907	0.910354	-1.08772	0.500432	1.20443	1.20443	0.63812	1.13751	1.13751	0.0875547	1.67016	1.67016	0.1656062	0.8394418	1.04129	1
cg02015800	MED15;MED15		0.6862003	0.819603	0.87098	-1.14813	0.6466668	1.32195	1.32195	0.7901164	1.17501	1.17501	0.3781001	1.72784	1.72784	0.2075991	0.4477193	-2.23355		0.3662267	1.75298	1.75298	0.458217	0.6332287	-1.57906	0.3500003	1.78916	1.78916	0.555206	1.43458	1.43458	0.7165555	4.15009	5.1482	1
cg06374960	B3GNT7		0.6862006	0.4116431	0.4938061	-2.02508	0.0394718	0.2123191	-4.7197	0.9727268	1.02911	1.02911	0.88801	1.0883885	-1.011175	0.3086165	0.4124161	-2.42472		0.6677313	0.6952722	-1.43829	0.2263121	0.3437755	-2.90905	0.4179211	0.4946802	-2.00525	0.8774066	0.8783514	-1.13854	0.7165511	0.81774	0.9440819	1
cg10208654	FHL1;FHL1;FHL1;FHL1;FHL1		0.6862027	0.1941	0.381246	-2.62298	0.36516	0.520434	-1.92151	0.5363366	0.64437	-1.5519	0.8286021	1.56437	1.16437	0.5809059	0.6819444	-1.4664		0.1384636	0.3264035	-3.06368	0.951744	0.958411	-1.04339	0.617543	1.42383	1.42383	0.7575777	1.24274	1.24274	0.7165549	5.5911	6.93584	1
cg03705894	CLCN5;CLCN5		0.6862225	?	?	?	0.536609	0.2976361	-3.95986	0.8143911	0.6352795	-1.57411	0.4590473	0.312344	0.312344	0.997155	1.0069	1.0069		0.1581015	0.0507315	-19.7116	?	?	?	?	?	0.8490997	0.6925137	-1.44397	0.6607854	24.6976	37.3761	1
cg20540327	HEXA;C15orf34		0.6862233	0.748442	1.06072	1.06072	0.444515	1.15349	1.15349	0.8687358	1.03076	1.03076	0.621684	1.0954	1.0954	0.192423	1.28755	1.28755		0.2987671	1.21811	1.21811	0.5863	0.9042344	-1.10591	0.4092375	0.8567543	-1.1672	0.2812111	1.22774	1.22774	0.7165512	0.3808444	0.4724667	1
cg08881150	NEIL3;NEIL3		0.6862344	0.6125502	1.12212	1.12212	0.3345647	1.1417	1.1417	1.2517	1.730172	1.08123	0.5961158	0.8863547	-1.13823	0.1121627	0.6769936	-1.47724		0.9238315	0.980079	-1.02023	0.8680515	0.9687151	-1.03229	0.6738861	1.10019	1.10019	0.442257	1.19332	1.19332	0.7165511	0.5774858	0.7163383	1
cg24594678	USP3;USP3		0.6862637	0.593154	0.9460657	-1.05701	0.8775551	1.1016	1.1016	1.0116	1.0116	1.0116	0.2211607	1.14138	1.14138	0.3438971	0.5403143	1.16948		0.1555597	1.16907	1.16907	0.2500601	1.12964	1.12964	0.6795047	1.0437	1.0437	0.5204409	1.06927	1.06927	0.7165506	0.1199838	0.1492793	1
cg22511684	HHIP		0.6862645	0.47263	0.716196	-1.39627	0.8829329	1.06965	1.06965	0.0973442	2.29637	2.29637	0.2854953	1.660111	1.660113	0.9570367	1.0249	1.0249		0.8305115	0.9066991	-1.1029	0.622521	1.25449	1.25449	0.9402014	1.03488	1.03488	0.1846424	1.50279	1.50279	0.7165488	2.36935	2.93947	1
cg26721700	FKYDS;FKYDS;FKYDS;FKYDS		0.6862725	0.6436	0.8773204	-1.1452	0.4170533	1.34	1.34	1.34	0.4086021	1.31081	0.8107369	1.1799	1.1799	0.8837484	1.07109	1.07109	0.6691169	1.0407098	1.0407098	1.0407098	1.0407098	0.4309071	1.0976376	1.3362	1.3362	0.2352093	1.4402	1.4402	0.9553334	1.0164444	1.0164444	1.0192621	1
cg26828839	ANO2		0.6862861	0.121169	0.2949335	-4.00104	0.5062122	0.573147	-1.74475	0.7815519	1.25783	0.827803	0.8347941	0.834794	-1.1979	0.543532	0.6021015	1.660384		0.6195592	0.661728	-1.5112	0.353814	0.2837032	-3.52483	0.406322	0.4965233	-2.01401	0.7975566	1.23625	1.23625	0.7165472	1.72465	0.958356	1
cg15455156	CDKN1B		0.6862862	0.690776	1.09079	1.09079	0.4614277	0.849641	-1.17697	0.995339	1.00127	1.00127	0.7140132	1.08528	1.08528	0.926029	1.02039	1.02039		0.1238674	0.696146	-1.43648	0.7123981	1.0838	1.0838	0.243847	1.30346	1.30346	0.65485	1.1015	1.1015	0.716047	0.5360329	0.6650224	1
cg04427707	C17orf81;DULLARD		0.6862631	0.374839	1.86879	1.86879	0.921503	0.934576	-1.07	0.4249413	0.574794	-1.73975	0.3442334	1.95193	1.95193	0.964786	1.03077	1.03077		0.690788	0.759968	-1.31584	0.3342264	0.8135244	-1.22935	0.298131	0.588899	1.45734	1.45734	0.8441194	0.8736491	-1.14662	0.7165747	0.34745	0.634312	1
cg23353583	ZBBX		0.6862634	0.923957	1.05014	1.02534	0.3734667	0.788394	-1.2684	0.7861378	1.07299	1.07299	0.488303	1.0832257	-1.20011	0.6070073	1.14385	1.14385		0.1807881	1.00388	1.00388	0.275195	0.754518	-1.34196	0.3044042	1.13172	1.13172	0.6062613	1.35117	1.35117	0.7165677	0.7615225	0.9450838	1
cg04863968	CLPS		0.6862725	0.839241	1.04339	1.04339	0.8806966	1.0319	1.0319	0.248616	0.7771014	-1.28683	0.100342	1.45708	1.45708	0.456275	0.853287	-1.17194		0.8569936	0.962968	-1.03846	0.8559944	1.03872	1.03872	0.8507669	1.04017	1.04017	0.8547777	1.03906	1.03906	0.7165451	0.4961653	0.6155581	1
cg21660585	SRI;SRI		0.6862798	0.742838	0.99486	-1.00968	0.2423126	0.8185323	-1.22171	0.3409961	0.8221326	-1.21754	0.5178989	0.8745515	-1.14049	0.78771	0.95677	1.05677		0.8508641	1.03926	1.03926	0.13489	1.39064	1.39064	0.6223299	1.10693	1.10693	0.7749346	0.9965322	-1.00778	0.7164419	0.4749353	0.5892668	1
cg26545790	FOXO4;FOXO4		0.6863683	0.345384	0.6223445	-2.60968	0.4282614	0.675985	-1.48371	0.320318	0.685882	-1.65049	0.2466535	1.805761	1.805761	0.4438444	0.6800099	-1.47037		0.951513	1.0301	1.0301	0.6872121	0.5833011	-1.71434	0.5250405	0.746992	-1.34032	0.9646444	1.02223	1.02223	0.7164416	2.699848	3.349871	1
cg14248360	EP400		0.6863691	0.9185587	0.961283	-1.04028	0.5687354	1.24914	1.24914	0.308714	1.50213	1.50213	0.9914998	0.995893	-1.00412	0.581609	0.8065587	-1.23979		0.1414481	0.543007	-1.8416	0.481686	1.31811	1.31811	0.65897	1.18713	1.18713	0.4940662	0.7647746	-1.30762	0.7164515	1.692444	2.09988	1
cg08658895	BAIAP2;BAIAP2;BAIAP2;BAIAP2		0.6863806	0.980232	0.98367	-1.01666	0.165377	1.54044	1.54044	2.124041	3.132601	1.24049	0.1220349	1.86025	1.86025	0.2789652	1.19922	1.19922	0.4643339	0.6002225	-1.66543		0.9379559	0.949635	-1.05304	0.773981	0.8260414	-1.21063	0.8601179	0.8895445	-1.12417	0.619744	1.39386	1.39386	0.7164408	5.000332	6.20419	1
cg26457179	MAGT1		0.6863818	0.227565	0.329269	-3.03701	0.9924007	0.99169	-1.00838	0.8606286	1.23988	1.23988	0.152638	3.8324	3.8324	0.8296502	1.1209	1.1209		?	?	?	0.95031	1.05618	1.05618	0.4295597	0.4930557	-2.02816	0.8050328	1.24222	1.24222	0.7013591	0.759199	10.8278	1
cg20420107	MSTA;MSTA;MST4;MST4		0.6863821	0.2038386	0.2802002	-3.56641	0.4294607	0.1915557	-5.22137	0.8606285	1.03656	1.03656	0.5126955	0.6655	0.6655	0.2129507	1.50259	1.50259	0.6692626	0.6962107	1.43564	1.43564	0.2731075	0.5527158	-1.80924	0.4011885	-2.49315	-1.12121	0.9695533	1.06777	1.06777	0.7165386	33.4992	41.4913	1
cg05443740	KCNIP3		0.6863821	0.201786	0.5173	-1.93311	0.7283332	0.843228	-1.18592	0.2540408	0.5585091	-1.79048	0.1517794	0.471949	-2.11887	0.309438	0.5978383	1.67257		0.5744777	0.75774	-1.31971	0.423075	0.6702347	-1.49202	0.6762027	0.8143424	-1.22801	0.7233121	1.18985	1.18985	0.7165386	2.73116	3.36648	1
cg27002826	FGFR4;FGFR4;FGFR4		0.6863827	0.9175377	0.981692	-1.0885	0.89957	0.901731	-1.10898	0.562214	0.618749	-1.61616	0.9387003	0.9387003	-1.06503	0.1009331	0.2295519	-4.35693		0.188416	0.319268	-3.13216	0.445787	0.5290022	-1.89028	0.432848	0.5190651	-1.92654	0.2921117	0.4084616	-2.44888	0.6737737	0.6149	9.44865	1
cg08441883	MAD1L1;MAD1L1;MAD1L1		0.6863833	0.5159907	1.08956	1.03501	0.1061179	1.197174	1.29773	0.2376356	1.61253	1.61253	0.1519938	1.09386	1.09386	0.5996204	1.40125	1.40125		0.8709	1.0596	1.0596	0.2000425	1.55889	1.55889	0.2774717	1.01934	1.01934	0.7663168	1.18564	1.18564	0.7165424	0.9605268	1.258419	1
cg05865331	WDR20		0.6863839	0.0987026	0.24104	-4.14869	0.546746	1.614865	1.614865	0.58566	1.54121	1.54121	0.9328503	1.663322	1.663322	0.7832385	0.805208	-1.24192		0.9594928	1.04079	1.04079	0.419935	0.5233329	-1.91084	0.5960311	1.522611	1.522611	0.79399	0.8314119	-1.22832	0.7163611	0.7006025	0.869339	1
cg23511769	SLN42H2;SLN42H2		0.6863852	0.3554381	2.78483	2.78483	0.5762444	1.3454	1.3454	0.404083	2.11122	2.11122	0.7898054	1.0745603	1.0745603	0.9619884	1.19451	1.19451		0.5926663	0.55885	-1.78939	0.7923142	1.36585	1.36585	0.8190652	1.28065	1.28065	0.7228697	1.58374	1.58374	0.7164511	13.1722	16.345	1
cg07811074	ZAP70;ZAP70		0.6863854	0.8869006	0.96223	-1.07965	0.2176545	0.9973366	-2.01059	0.193317	0.4764981	-2.09864	0.7653551	1.1749	1.1749	0.3492535	0.5910866	1.6918		0.7649383	0.85091	-1.17521	0.8711407	1.09138	1.09138	0.2637367	0.5332227	-1.87537	0.2756575	0.5429814	0.8469169	0.1763599	1.29013	4.082655	1
cg06460122	FLI37543		0.6863856	0.6181222	0.8531007	-1.17219	0.5995815	0.8458008	-1.1823	0.453648	0.7856065	-1.2729	0.458441	0.7876988	-1.26954	0.656585	0.8681217	-1.1519		0.5700174	0.834067	-1.19894	0.132114	1.69557	1.69557	0.877668	0.9524474	-1.0499	0.3494414	0.7374496	-1.35594	0.7163397	1.113668	1.40677	1
cg03229242	DIP2C		0.6863858	0.4944284	0.9742884	-1.02645	0.8688904	1.12542	1.12542	0.1326192	1.31946	1.31946	0.8505128	1.1758414	1.1758414	0.8505128	1.07472	1.07472		0.5244216	1.08956	1.08956	0.1396514	0.9150408	-1.06941	0.6096227	1.0529	1.0529	0.7163134	0.2005576	0.7163134	0.2488892	1
cg26577738	TMEM98		0.6863936	0.354958	0.528616	-1.89173	0.562552	0.675561	-1.48025	0.321498	0.198606	1.98606	0.312166	0.496376	-2.0146	0.300245	0.25268	2.05268		0.825248	0.862305	-1.15968	0.477146	0.6161166	-1.62294	0.534514	0.6565118	-1.52412	0.57294	0.682763	-1.46464	0.7163331	5.09167	6.31821	1
cg02112649	RPS6KA6		0.6863955	0.1199053	0.1884811	-5.30715	0.9153554	0.8516566	-1.17488	0.5610072	1.090332	1.090332	0.3874266	1.12978	1.12978	0.2625421	0.6555191	1.525491		0.1720422	0.2327	-4.29725	0.2724441	-1.35228	0.3834104	0.6774482	-1.48924	0.9455466	1.0748727	-1.05484	0.7163237	0.5091657	0.3384	0.4248729	1
cg08971595	PCDH1;PCDH1		0.6863973	0.98951	0.997325	-1.00268	0.215991	1.3038	1.3038	0.209524	0.763788	-1.30926	0.902111	0.975243	-1.02539	0.349971	0.8220005	1.21654		0.6457	0.909997	-1.0989	0.33182	0.8162051	-1.22518	0.9496614	0.9877207	-1.01296	0.7105131	1.07891	1.07891	0.7163132	0.4709903	0.5843555	1
cg10401803	RCHY1;TAF1;TAF1		0.6863977	0.29029	0.316577	-3.15879	0.9430056	0.9276868	-1.07774	0.320729	0.341224	-2.93063	0.1635573	4.75024	4.75024	0.9442344	1.07591	1.07591		0.3119626	0.340033	-2.9383	0.9614245	1.05199	1.05199	0.854972	0.8255513	-1.21137	0.867687	1.19094	1.19094	0.7163106	12.4601	15.4622	1
cg01886303	APBA2;APBA2		0.6863981	0.4284068	0.7138002	-1.40064	0.9344007	1.49877	1.49877	0.2868561	1.81144	1.81144	0.2815421	1.824351	1.824351	0.4135445	0.6094968	-1.64127		0.3548427	1.6639	1.6639	0.1178	0.6380202	1.85155	0.1186828	0.1811868	1.83174	0.8932024	1.11956	1.11956	0.7163293	3.279393	4.06528	1
cg26369268	IASS6		0.6863994	0.4584888	0.78082	-1.28071	0.94832	1.02147	1.02147	0.429272	0.7676221	-1.30273	0.5181451	0.8069244	-1.23927	0.349461	0.7293	-1.37118		0.5244149	0.8093318	-1.23561	0.316381	1.40376	1.40376	0.2448893	1.48985	1.48985	0.777078	0.911116	-1.0975	0.7163281	1.215859	1.51224	1
cg00762450	ANKRD20A4		0.6864021	0.1930371	0.3799163	-2.63306	0.2835195	0.8235315	-1.2434	0.4048231	1.30823	1.30823	0.8611754	1.036187	1.036187	0.9105007	1.0603303	1.0603303	0.1109531	0.3294525	1.3245	1.3245	0.2183427	0.4887	0.3888344	0.4316127	-2.31704	0.1966	0.3888344	0.4316127	-2.31704	0.1966	0.3888344	0.4316127	-2.27101	0.7164511	0.2227104	0.2727101	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	Fold-Change(1 vs. N)	p-value(105T 04T vs. N)	Fold-Change(105T vs. N)	p-value(105T 05T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 11T vs. N)	Fold-Change(112T vs. N)	p-value(121T 12T vs. N)	Fold-Change(121T vs. N)	p-value(121T 21T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 47T vs. N)	Fold-Change(353T vs. N)	p-value(353T 53T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T vs. N)	p-value(563T 63T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg22105090	DHX8	0.687303	0.93453	0.969848	-1.03105	0.234675	1.59071	1.59071	0.553303	1.25004	1.25004	0.701817	0.86645	-1.15413	0.89247	1.05169	1.05169	0.353591	0.700709	-1.42713	0.365083	0.706954	-1.41452	0.220937	0.63019	-1.58582	0.584703	0.814112	1.22833	0.734982	1.57238	1.95483	1
cg10711209	NPHS2	0.687323	0.404904	0.618763	-1.61613	0.851638	1.11123	1.11123	0.546051	1.41078	1.75466	0.843635	-1.19241	0.36678	0.593175	-1.68584		0.206567	0.472176	-2.11785	0.139814	0.408644	-2.44712	0.709455	0.809919	-1.23469	0.899497	1.07377	1.07377	0.714954	3.59282	4.46588	1
cg07036775	ANKRD34A,PDLIM3L	0.687325	0.375073	0.81195	-1.2316	0.490249	0.851839	-1.17393	0.293166	0.779169	-1.28342	0.91087	1.02595	1.02595	0.746232	1.07713	1.07713	0.947292	0.984986	-1.01524	0.503845	0.856227	-1.16791	0.484434	1.17655	1.17655	0.1937	1.36982	1.36982	0.714951	0.592874	0.737112	1
cg10641286	HPCAL1,HPCAL1	0.687335	0.435852	0.63615	-1.57195	0.10612	2.7291	2.7291	0.34837	1.73207	1.73207	0.816298	0.875989	-1.14157	0.473569	0.660521	-1.51396	0.998018	1.00077	1.00077	0.632565	1.31531	1.31531	0.992531	0.964688	-1.00534	0.725991	1.22164	1.22164	0.749336	3.66556	4.55744	1
cg13550107	MAPRE2,MAPRE2	0.68734	0.1945	0.354968	0.954598	0.481073	2.04928	2.04928	0.289647	3.0074	3.0074	0.315182	2.83056	0.950479	0.939674	-1.0642		0.564351	1.79227	1.79227	0.172973	4.27506	4.27506	0.235515	3.47465	3.47465	0.774236	1.33391	1.33391	0.914929	11.3642	14.1264	1
cg13144458	KIR1	0.687361	0.745392	1.2987	1.2987	0.249281	2.6432	2.6432	0.482705	0.567159	-1.7633	0.318557	0.435751	-2.29489	0.615724	0.666146	-1.50117		0.694097	0.728217	-1.37322	0.367036	2.10854	2.10854	7	7	0.631764	0.678707	-1.47339	0.700073	6.20172	7.75134	1
cg27540799	RER1	0.687374	0.686229	1.08504	1.08504	0.8744	0.968711	-1.0323	0.45215	0.857336	-1.1664	0.268149	1.26085	1.26085	0.430726	0.850766	-1.17541		0.42613	1.17739	1.17739	0.312419	1.23366	1.23366	0.594556	1.114	1.114	0.398287	0.840472	-1.18981	0.674881	0.457219	0.56851	1
cg13717812	ABCB7	0.687378	0.39564	0.241	-4.14937	0.173474	0.075038	-13.2799	0.0178	0.548492	-1.81986	0.247829	0.725569	1.37889	0.960814	1.08368	1.08368	0.187859	0.235111	-4.25351	0.841586	1.38726	1.38726	0.889708	1.25478	1.25478	0.960292	0.921677	-1.08498	0.714875	30.291	37.6669	1
cg13338794	MTX	0.687381	0.936349	0.959893	-1.04614	0.230708	0.881584	-1.13452	0.897294	0.910118	-1.09844	0.744748	1.20626	1.20626	0.465815	0.52072	-1.92072	0.646329	0.770321	-1.29816		0.28378	0.533161	-1.8756	0.53863	0.70355	-1.42136	0.259354	0.51449	-1.94367	0.50673	1.46295	1.46295	0.714872	3.92154	4.49068	1
cg06727701	TMEM105	0.687398	0.261088	0.476994	-2.09646	0.592922	0.711184	-1.40611	0.791435	1.18222	1.18222	0.523926	0.665032	-1.50369	0.266116	0.48102	-2.07892		0.324146	0.525648	-1.90241	0.1797	0.406564	-2.45964	0.206003	0.430613	-2.32227	0.638857	0.741901	-1.34789	0.714847	4.5162	5.61574	1
cg04074137	SR140,LSR140	0.687401	0.288903	0.82083	-1.21806	0.916959	0.98134	-1.01834	0.40778	1.42332	1.42332	0.655599	0.82964	-1.20554	0.491717	1.13555	1.13555		0.965237	0.980311	-1.0183	7	7	0.940075	-1.06383	0.37923	2.63707	3.33	0.455044	0.2161	1.73875	0.695572	1.70476	2.45987	1
cg14703024	MTMR2,MTMR2,MTMR2;MTMR2	0.687421	0.753183	0.918805	-1.08837	0.574938	0.919381	-1.08769	0.508687	1.19719	1.19719	0.906887	0.969077	-1.03191	0.428351	0.804881	-1.24242		0.200397	0.695531	-1.43775	0.878641	1.04187	0.674764	1.11912	1.11912	0.128186	0.64309	-1.55499	0.714813	0.815841	1.01452	1
cg08319698	TAOK3	0.687426	0.316691	1.59507	1.59507	0.168363	1.79732	1.79732	0.354637	1.45975	1.45975	0.447149	1.35079	1.35079	0.678964	0.848529	-1.17851		7	7	7	7	7	1.52643	0.607221	1.40012	1.40012	0.632149	1.21042	1.21042	0.699976	1.50903	1.88635	1
cg03131037	KLHL20	0.687427	0.898219	1.03535	1.03535	0.237571	0.713659	-1.40123	0.501517	1.20345	1.20345	0.762708	1.08568	1.08568	0.734023	0.931569	-1.07301	0.335488	0.763663	-1.30948	0.898207	1.03536	1.03536	0.904152	1.2608	1.2608	0.241297	1.39514	1.39514	0.741991	0.834358	1.03758	1
cg16168329	SCMH1;SCMH1	0.687438	0.55143	1.27776	1.27776	0.515562	1.30767	1.30767	0.410202	1.40856	1.40856	0.502911	1.31857	1.31857	0.612301	1.9732	1.9732		0.365804	0.685266	-1.45929	0.697446	0.853603	1.07742	1.07742	0.730927	0.868995	-1.15075	0.707148	1.87307	2.32929	1
cg03547599	KLC4;KLC4;KLC4;MIR12;KLC4	0.687445	0.943954	1.06207	1.06207	0.965602	1.01548	-1.0548	0.528018	1.24676	1.24676	0.742761	0.764984	-1.30876	0.983034	1.0184	1.0184		0.958214	0.956515	-1.0459	7	7	0.931285	1.25116	0.161435	3.73114	3.73114	0.870467	0.892603	1.37604	1.7054	2.11924	1
cg12747657	HDAC4	0.687466	0.745682	0.902769	-1.1077	0.440892	0.781121	-1.28021	0.597971	0.83879	-1.19219	0.356293	1.34745	1.34745	0.207067	0.658227	-1.51923		0.344895	1.35768	1.35768	0.964404	1.02136	1.02136	0.923578	0.970293	-1.03062	0.390434	1.31864	1.31864	0.714749	1.11831	1.39077	1
cg06853376	PHA3	0.687467	0.330992	0.709426	-1.4095	0.482387	0.845991	-1.17648	0.54094	0.86858	-1.15131	0.579314	0.880312	-1.13599	0.580588	0.729505	-1.38216		0.297903	0.782203	-1.27864	0.402522	0.822813	1.21534	0.82448	1.2506	1.2506	0.799223	0.940631	-1.05974	0.744748	0.58604	0.729532	1
cg22653165	RASGEF1C	0.687475	0.67694	1.72116	1.38577	0.060602	0.418595	2.38501	0.104503	1.7033	1.7033	0.883194	1.01654	1.01654	0.940401	0.537076	-1.86394		0.248289	0.390719	-2.55938	0.198861	0.447442	2.01378	0.452187	0.618818	1.40877	1.40877	0.714736	6.8633	8.53561	1
cg20489847	LOC100133669	0.687485	0.292821	0.373041	-2.68067	0.959524	0.955179	-1.04692	0.220242	0.31205	-3.20462	0.498425	0.526393	-1.89972	0.150833	0.24879	-4.01945		0.733056	0.733941	-1.36251	0.26427	0.349458	-2.86157	0.252098	0.339261	-2.94759	0.751387	0.750377	-1.33266	0.714721	9.24131	11.4933	1
cg02985708	BRD2;BRD2	0.687488	0.607708	0.915426	-1.09239	0.659328	0.96948	-1.03168	0.632808	1.03948	1.03948	0.738772	1.03578	1.03578	0.878332	1.02669	1.02669		0.912092	1.01903	1.01903	0.714815	0.709279	1.40988	0.764802	0.950084	-1.05254	0.41064	1.15441	1.15441	0.714718	0.329681	0.410222	1
cg02219962	C10orf41,ZNF503	0.687498	0.382398	1.95643	1.95643	0.876499	1.12357	1.12357	0.496597	1.67723	1.67723	0.233439	2.54964	2.54964	0.113871	3.62796	3.62796		0.624492	0.691007	-1.44716	0.318026	2.16676	2.16676	0.87595	1.12416	1.12416	0.785584	1.22666	1.22666	0.714703	0.65336	0.790178	1
cg24056562	RNASEH2A,RNASEH2A	0.687502	0.485132	0.98961	-1.13127	0.513274	0.82119	-1.21758	0.402552	1.08052	1.08052	0.766217	0.916634	1.09122	0.269117	0.818634	-1.22145		0.658936	0.657871	-1.5201	0.468569	0.908204	1.10034	0.908204	0.912764	-1.09557	0.460723	0.877583	-1.13949	0.714708	0.822227	0.425637	1
cg03266992	GOLGB1	0.687507	0.689605	0.80134	1.08134	0.582971	1.11406	1.11406	0.763369	0.942882	-1.06058	0.763171	0.942835	-1.06063	0.477553	1.15104	1.15104		0.156203	0.744179	-1.34376	0.881269	1.02954	1.02954	0.5586	1.12212	1.12212	0.222134	0.778852	-1.28394	0.714691	0.429473	0.534153	1
cg15832662	RTN3;RTN3;RTN3;RTN3	0.687512	0.520473	0.779119	-1.28235	0.682162	0.854532	-1.17023	0.907547	1.10206	-1.04626	0.807148	1.09787	1.09787	0.800181	0.602423	-1.65996		0.426332	1.36358	1.36358	0.235269	0.621934	-1.60789	0.209362	0.603411	-1.65724	0.790053	0.90314	-1.10725	0.714684	1.54987	2.05203	1
cg07624224	GNAL,GNAL	0.687527	0.627292	0.857289	-1.17262	0.791867	0.918565	-1.08865	0.822501	0.930379	-1.07483	0.976025	0.988243	-1.0119	0.542001	0.82012	-1.21927		0.521183	0.815159	-1.22672	0.872807	0.90178	1.90178	0.595453	0.841886	-1.18781	0.864747	0.946716	-1.05628	0.714667	1.1676	1.45223	1
cg13534999	HCCA2	0.687529	0.99228	0.994436	-1.0056	0.190032	2.22643	2.22643	0.916597	0.941381	-1.06227	0.487734	0.665939	-1.50164	0.649388	0.768022	-1.30205		0.310496	1.83154	1.83154	0.362214	1.71614	1.71614	0.348204	2.00598	2.00598	0.867151	1.10136	1.10136	0.714659	3.76408	4.68174	1
cg15140965	XBP1;XBP1	0.687535	0.451383	1.19023	1.19023	0.243924	1.91536	1.91536	0.324884	2.04231	-1.05796	0.396543	0.769422	-1.29977	0.318232	0.698294	-1.43147		0.750943	0.93092	-1.07443	0.516481	0.801924	1.16019	0.733222	0.779296	-1.28424	0.461225	1.1856	1.1856	0.714659	0.583012	0.725532	1
cg14764357	C7orf50;C7orf50;C7orf50	0.68753	0.496887	1.31584	1.31584	0.226815	1.65685	1.65685	0.96473	1.00175	1.00175	0.957281	0.978911	-1.02154	0.545531	1.27561	1.27561		0.648724	2.2002	2.2002	0.066591	2.26706	2.26706	0.819893	1.09499	1.09499	0.94753	0.974152	-1.02653	0.714657	0.79208	2.22898	1
cg19658522	SPIS8	0.687531	0.242395	2.21509	2.21509	0.883445	1.10005	1.10005	0.892268	1.09208	1.09208	0.478985	1.59495	1.59495	0.950589	1.04111	1.04111		0.745296	0.809131	-1.23589	0.603012	0.711099	-1.40645	0.845904	1.45556	1.45556	0.955496	1.03694	1.03694	0.714656	4.78261	5.9486	1
cg00946215	NPHS2;MYO3B	0.687549	0.406632	0.63861	-1.56555	0.13981	2.46134	2.46134	0.305105	0.575	-1.73896	0.574466	-1.48486	0.664126	0.1661	0.602018	-1.66044		0.538984	1.11003	1.11003	0.752702	1.14709	1.14709	0.885609	0.9446	1.05865	0.914631	0.719374	0.719374	0.714655	0.213339	0.265361	1
cg24497713	AS85	0.68757	0.952208	0.978717	-1.02175	0.16641	0.588838	-1.69826	0.661462	1.17135	1.17135	0.558628	0.807924	-1.23774	0.739886	0.887291	-1.12703		0.993436	0.997052	-1.00296	0.616262	1.19884	1.19884	0.693239	0.867364	-1.15292	0.116022	0.54167	-1.84614	0.7146	1.45797	1.81356	1
cg19053664	THADA;THADA,THADA PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;P	0.68758	0.123675	3.01149	3.01149	0.703389	0.776532	-1.28778	0.61154	1.40302	1.40302	0.214979	2.27729	2.27729	0.435425	0.590901	-1.69233		0.581834	1.44446	1.44446	0.802357	1.18035	1.18035	0.532185	1.51942	1.51942	0.599844	1.41906	1.41906	0.714586	4.94704	6.15373	1
cg19370980	PP19A	0.687584	0.566601	1.11471	1.11471	0.600656	1.10409	1.10409	0.132281	1.35598	1.35598	0.984018	1.00376	1.00376	0.998889	1.22312	1.22312	0.301182	1.22422	1.22422	0.66657	0.92195	-1.08466	0.988566	1.00269	1.00269	0.741741	1.25824	1.25824	0.714658	0.397765	0.494792	1
cg19379572	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.687591	0.615604	1.2767	1.2767	0.843393	0.90897	-1.10015	0.171936	0.49576	-2.01711	0.305533	1.66855	1.66855	0.709988	0.835063	-1.19751		0.836466	1.10488	1.10488	0.854877	0.915444	-1.09237	0.70775	0.833835	-1.19928	0.234242	1.82521	1.82521	0.71457	2.63513	3.27796	1
cg09440125	ARHGAP22	0.687665	0.612402	1.63275	1.63275	0.2359	0.748736	-1.33546	0.532759	0.774688	-1.29084	0.602537	0.813558	-1.22918	0.55359	0.806964	-1.23959		0.490857	0.709434	-1.40973	0.512826	0.57315	-1.93367	0.767202	0.950084	-1.05254	0.41064	1.1086	1.1086	0.714658	1.74966	2.17653	1
cg14526750	C1orf95	0.687674	0.720152	0.939815	-1.06404	0.761567	0.948846	-1.05391	0.156604	0.76994	-1.2988	0.669045	0.934702	-1.06986	0.498486	0.888246	-1.12581		0.959304	1.00884	1.00884	0.229059	0.804296	-1.24332	0.372329	1.21743	1.21743	0.972538	1.00596	1.00596	0.714552	0.336918	0.419119	1
cg03727968	CD247;CD247	0.687699	0.52823	0.800187	-1.24971	0.311759	1.44058	1.44058	0.785937	0.908405	-1.09962	0.655206	0.854887	-1.16975	0.93977	1.02671	1.02671		0.978729	1.00934	1.00934	0.121769	1.79523	1.79523	0.330015	1.42	1.42	0.765797	0.901013	-1.10986	0.714545	1.37113	1.71314	1
cg09847234	NCK1	0.687711	0.641008	1.55972	1.55972	0.184844	1.56245	1.56245	0.218004	0.918844	-1.08821	0.718844	0.918844	-1.08821	0.718844	0.918844	-1.08821		0.914554	1.02729	1.02729	0.581581	1.11554	1.11554	0.896647	1.02504	1.02504	0.755338	1.02074	1.02074	0.714542	1.08608	1.28744	1
cg17289222	SBNO2;SBNO2	0.687714	0.961513	0.980961	-1.01941	0.462534	1.34704	1.34704	0.171653	1.78546	1.78546	0.888127	0.945473	-1.05767	0.657034	0.845693	-1.18246		0.647354	0.832178	-1.20138	0.414638	1.87674	1.87674	0.373746	1.12179	1.12179	0.701368	0.857712	-1.16589	0.714538	1.79574	2.23302	1
cg16807273	RAP1GAP2;RAP1GAP2	0.687762	0.379253	1.1984	1.1984	0.3104	0.83494	-1.19784	0.460853	1.16376	1.16376	0.41059	1.60728	-1.64674	0.415119	0.607226	-1.64674		0.430277	1.49	1.49	0.277446	2.37344	2.37344	0.268847	1.01088	1.01088	0.912009	1.02007	1.02007	0.714543	0.91743	1.14227	1
cg08804250	ADARB2	0.687621	0.399371	1.16945	1.16945	0.904514	0.978462	-1.02201	0.407775	0.857585	-1.16606	0.287634	0.818481	-1.22178	0.652167	1.08581	1.08581		0.640289	0.918155	-1.08914	0.197349	1.2805	1.2805	0.506222	0.884822	-1.13017	0.909357	1.02088	1.02088	0.714528	0.372515	0.463417	1
cg27507151	TA44	0.687625	0.184663	5.41383	5.41383	0.876791	1.14057	1.14057	0.362393	0.844241	-1.18412	0.204302	0.821153	-1.2178	0.080307	0.65943	-1.51646		0.750943	0.93092	-1.07443	0.516481	0.801924	1.16019	0.733222	0.779296	-1.28424	0.461225	1.1856	1.1856	0.714659	0.583012	0.725532	1
cg14764357	C7orf50;C7orf50;C7orf50	0.68753	0.496887	1.31584	1.31584	0.226815	1.65685	1.65685	0.96473	1.00175	1.00175	0.957281	0.978911	-1.02154	0.545531	1.27561	1.27561		0.648724	2.2002	2.2002	0.066591	2.26706	2.26706	0.819893	1.09499	1.09499	0.94753	0.974152	-1.02653	0.714657	0.79208	2.22898	1
cg19658522	SPIS8	0.687531	0.242395	2.21509	2.21509	0.883445	1.10005	1.10005	0.892268	1.09208	1.09208	0.478985	1.59495	1.59495	0.950589	1.04111	1.04111		0.745296	0.809131	-1.23589	0.603012	0.711099	-1.40645	0.845904	1.45556	1.45556	0.955496	1.03694	1.03694	0.714656	4.78261	5.9486	1
cg00946215	MYO3B;MYO3B	0.687549	0.406632	0.63861	-1.56555	0.13981	2.46134	2.46134	0.305105	0.575	-1.73896	0.574466	-1.48486	0.664126	0.1661	0.602018	-1.66044		0.538984	1.11003	1.11003	0.752702	1.14709	1.14709	0.885609	0.9446	1.05865	0.914631	0.719374	0.719374	0.714655	0.213339	0.265361	1
cg24497713	AS85	0.68757	0.952208	0.978717	-1.02175	0.16641	0.588838	-1.69826	0.661462	1.17135	1.17135	0.558628	0.807924	-1.23774	0.739886	0.887291	-1.12703		0.993436	0.997052	-1.00296	0.616262	1.19884	1.19884	0.693239	0.867364	-1.15292	0.116022	0.54167	-1.84614	0.7146	1.45797	1.81356	1
cg19053664	THADA;THADA,THADA PPP1R9A;PPP1R9A;PPP1R9A;PPP1R9A;P	0.68758	0.123675	3.01149	3.01149	0.703389	0.776532	-1.28778	0.61154	1.40302	1.40302	0.214979	2.27729	2.27729	0.435425	0.590901	-1.69233		0.581834	1.44446	1.44446	0.802357	1.18035	1.18035	0.532185	1.51942	1.51942	0.599844	1.41906	1.41906	0.714586	4.94704	6.15373	1
cg19370980	PP19A	0.687584	0.566601	1.11471	1.11471	0.600656	1.10409	1.10409	0.132281	1.35598	1.35598	0.984018	1.00376	1.00376	0.998889	1.22312	1.22312	0.301182	1.22422	1.22422	0.66657	0.92195	-1.08466	0.988566	1.00269	1.00269	0.741741	1.25824	1.25824	0.714658	0.397765	0.494792	1
cg19379572	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.687591	0.615604	1.2767	1.2767	0.843393	0.90897	-1.10015	0.171936	0.49576	-2.01711	0.305533	1.66855	1.66855	0.709988	0.835063	-1.19751		0.836466	1.10488	1.10488	0.854877	0.915444	-1.09237	0.70775	0.833835	-1.19928	0.234242	1.82521	1.82521	0.71457	2.63513	3.27796	1
cg09440125	ARHGAP22	0.687665	0.612402	1.63275	1.63275	0.2359	0.748736	-1.33546	0.532759	0.774688	-1.29084	0.602537	0.813558	-1.22918	0.55359	0.806964	-1.23959		0.490857	0.709434	-1.40973	0.512826	0.57315	-1.93367	0.767202	0.950084	-1.05254	0.41064	1.1086	1.1086	0.714658	1.74966	2.17653	1
cg14526750	C1orf95	0.687674	0.720152	0.939815	-1.06404	0.761567	0.948846	-1.05391	0.156604	0.76994	-1.2988	0.669045	0.934702	-1.06986	0.498486	0.888246	-1.12581		0.959304	1.00884	1.00884	0.229059	0.804296	-1.24332	0.372329	1.21743	1.21743	0.972538	1.00596	1.00596	0.714552	0.336918	0.419119	1
cg03727968	CD247;CD247	0.687699	0.52823	0.800187	-1.24971	0.311759	1.44058	1.44058	0.785937	0.908405	-1.09962	0.655206	0.854887	-1.16975	0.93977	1.02671	1.02671		0.978729	1.00934	1.00934	0.121769	1.79523	1.79523	0.330015	1.42	1.42	0.765797	0.901013	-1.10986	0.714545	1.37113	1.71314	1
cg09847234	NCK1	0.687711	0.641008	1.55972	1.55972	0.184844	1.56245	1.56245	0.218004	0.918844	-1.08821	0.718844	0.918844	-1.08821	0.718844	0.918844	-1.08821		0.914554	1.02729	1.02729	0.581581	1.11554	1.11554	0.896647	1.02504	1.02504	0.755338	1.02074	1.02074	0.714542	1.08608	1.28744	1
cg17289222	SBNO2;SBNO2	0.687714	0.961513	0.980961	-1.01941	0.462534	1.34704	1.34704	0.171653	1.78546	1.78546	0.888127	0.945473	-1.05767	0.657034	0.845693	-1.18246		0.647354	0.832178	-1.20138	0.414638	1.87674	1.87674	0.373746	1.12179	1.12179	0.701368	0.857712	-1.16589	0.714538	1.79574	2.23302	1
cg16807273	RAP1GAP2;RAP1GAP2	0.687762	0.379253	1.1984	1.1984	0.3104	0.83494	-1.19784	0.460853	1.16376	1.16376	0.41059	1.60728	-1.64674	0.415119	0.607226	-1.64674		0.430277	1.49	1.49	0.277446	2.37344	2.37344	0.268847	1.01088	1.01088	0.912009	1.02007	1.02007	0.714543	0.91743	1.14227	1
cg08804250	ADARB2	0.687621	0.399371	1.16945	1.16945	0.904514	0.978462	-1.02201	0.407775	0.857585	-1.16606	0.287634	0.818481	-1.22178	0.652167	1.08581	1.08581		0.640289	0.918155	-1.08914	0.197349	1.2805	1.2805	0.506222	0.884822	-1.13017	0.909357	1.02088	1.02088	0.714528	0.372515	0.463417	1
cg27507151	TA44	0.687625	0.184663	5.41383	5.41383	0.876791	1.14057	1.14057	0.362393	0.844241	-1.18412	0.204302	0.821153	-1.2178	0.080307	0.65943	-1.51646		0.648124	0.78107	-1.28006	0.665911	0.826706	1.21078	0.814268	1.08121	1.08121	0.745157	0.927296	-1.07846	0.714531	0.60945	0.736428	1
cg13250001	GSK3B;GSK3B	0.687633	0.781301	1.20953	1.20953	0.410385	1.77789	1.77789	0.126661	3.09357	3.09357	0.912601	0.927268	-1.07844	0.330062	0.503735	-1.98777		0.803124	0.843037	-1.18619	0.478713	0.611244	-1.63601	0.706934	0.772463	-1.29456	0.676935	0.750959	-1.33163	0.71451	5.28711	6.57745	1
cg20879757	DHX16;DHX16	0.687653	0.457732	1.32802	1.32802	0.986151	0.985492	-1.0172	0.50677	1.77059	1.77059	0.116288	1.28931	1.28931	0.428931	0.83445	-1.19857		0.4158	2.40505	2.40505	0.07645	2.76487	2.76487	0.26145	1.23378	1.23378	0.782454	0.791987	-1.26265	0.691636	0.83849	0.955381	1
cg10565589	NFIB	0.687664	0.87991	0.906212	-1.10349	0.263139	0.467705	-2.1381	0.811941	0.856193	-1.16796	0.456793	1.63829	1.63829	0.821292	0.862969	-1.15879		0.39717	1.56804	-1.759	0.134191	0.340201	-2.63768	0.337408	0.550341	-1.81706	0.74797	1.23368	1.23368	0.714467	0.80141	0.597358	1
cg08602134	PYGB	0.687716	0.674669	0.9583	-1.04351	0.683032	0.959429	-1.04229	0.605079	0.940293	-1.06342	0.127211	0.84668	-1.18107	0.400005	0.916745	-1.09082		0.52259	0.93671	-1.06757	0.874625	1.01606	1.01606	0.545496	0.91984	-1.08401	0.109909	0.83877	-1.19222	0.714392	0.115182	0.143316	1
cg12740148	AATF	7	7	1.09459	0.914683	-1.09328	0.613773	0.55992	-1.68373	0.662147	0.741804	-1.34806	0.731632	7	7	0.764023	0.812115	-1.23135	0.209701	0.454844	0.622859	1.52889	1.52889	0.

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(1347T vs. N)	Fold-Change(1347T vs. N)	p-value(1353T vs. N)	Fold-Change(1353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 2)	Fold-Change(537T vs. 2)	p-value(5 63T vs. N)	Fold-Change(563T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. 2)	F(Test)	S(Test)	SS(Error)	DF(Error)
cg19470508	KIF15;KIAA1143;KIAA1143	0.688514	0.399086	0.802894	-1.24546	1.37966	1.25755	1.25755	0.427353	1.22884	1.22884	1.22884	0.474854	0.831276	-1.20297	0.424936	0.812859	0.23023	0.77287	0.929054	-1.07636	0.449544	0.82206	-1.21646	0.924233	1.02448	1.02448	0.265221	1.34346	0.733252	0.730431	0.910297	1
cg19760225	ANKRD13B	0.688526	0.333808	0.447792	-2.23318	0.831154	1.18687	1.18687	0.883538	1.12478	1.12478	1.12478	0.963905	1.03697	1.03697	0.591251	0.650023	1.53841	0.330668	0.445124	-2.24657	0.182075	0.31748	3.14748	0.359583	2.13575	2.13575	0.978983	1.02136	1.02136	0.713261	1.71634	1.75938	1
cg27120833	ARFGAP3;ARFGAP3	0.688539	0.477813	0.754534	-1.32532	0.72665	1.1468	1.1468	0.782124	1.11426	1.11426	0.873225	1.0643	1.0643	0.290588	0.651789	-1.53424	0.355422	0.690047	-1.44918	0.16829	1.77356	1.77356	0.547823	1.26789	1.26789	0.824121	0.916796	-1.09076	0.713217	1.72045	2.14421	1
cg07784663	CCNE1;CCNE1	0.688553	0.915163	1.01563	1.01563	0.904457	1.02316	1.02316	0.895438	0.975244	-1.02538	0.384521	0.843884	-1.18528	0.159236	1.32131	1.33215	1.33215	0.405401	0.955927	-1.04611	0.683408	0.924088	-1.08131	0.169754	0.756061	-1.32156	0.699525	0.928573	-1.07674	0.733196	0.41053	0.511662	1
cg13095737	B4GALT7	0.688556	0.995655	1.00242	1.00242	0.767101	0.876629	-1.14073	0.665872	1.21241	1.21241	1.21241	0.352166	1.52878	1.52878	0.580353	0.652845	-1.53176	0.436071	0.703093	-1.42229	0.434416	0.702163	-1.42417	0.227677	0.570401	-1.75315	0.43253	1.42633	0.743293	0.719192	2.22006	2.76668	1
cg12052765	SLC18A3;CHAT	0.688561	0.732774	0.785588	-1.27293	0.538866	1.54977	1.54977	0.30243	0.471324	-1.22168	0.245093	2.35399	2.35399	0.786313	0.825853	-1.21087	0.417349	1.78249	1.79249	0.273176	0.447987	-2.23221	0.854271	0.878568	-1.13822	0.650235	1.37909	1.37909	0.731185	5.60017	6.97986	1
cg18270830	EPC1	0.688574	0.850773	1.07038	1.07038	0.06254	2.13176	2.13176	0.585894	1.21977	1.21977	0.478648	0.770959	-1.29709	0.997268	0.998764	-1.00124	0.831789	0.92606	-1.07984	0.985207	1.00672	1.00672	0.627783	1.19297	1.19297	0.529098	1.25894	1.25894	0.731666	1.47308	1.83604	1
cg26217827	ITGA11	0.688605	0.991216	1.01792	1.01792	0.880826	0.763399	-1.30994	0.789966	1.65576	1.65576	0.666721	0.466724	0.97707	1.02353	0.609442	0.395629	-2.52756	0.289298	0.551828	-1.81126	0.709158	0.509627	-1.96222	0.897807	1.26016	1.26016	0.582631	0.199634	-5.00918	0.731122	36.3782	45.5938	1
cg05884394	DPY19L2P4	0.688663	0.986285	1.04094	1.04094	0.602494	1.15554	1.15554	0.419355	1.24582	1.24582	0.651457	0.882394	-1.13328	0.593212	0.86213	-1.15992	0.099481	0.60849	-1.64341	0.41138	0.790659	-1.25996	0.656227	1.13118	1.13118	0.893779	0.963912	-1.03744	0.713086	0.85489	1.06565	1
cg22184210	GCOM1;GCOM1;GCOM1;GCOM1	0.688638	0.428096	0.6492	-1.54036	0.591642	0.748885	-1.33532	0.926892	0.952176	-1.05023	0.887001	0.926887	-1.07888	0.057646	0.317815	-3.14649	0.659366	1.26727	1.26727	0.442158	0.658057	-1.51953	0.725548	0.828445	-1.20708	0.615348	0.76298	-1.31065	0.713074	3.22018	4.01415	1
cg26460698	PDE3B;PSMA1;PSMA1	0.688649	0.972011	1.00478	1.00478	0.871016	1.04727	1.04727	0.210006	0.982688	-1.01762	0.241943	1.41639	1.41639	0.729987	0.906223	-1.10348	0.097644	1.67611	1.67611	0.14952	0.591139	1.69722	1.69722	0.128994	0.525141	1.20082	1.20082	0.73106	0.912201	1.13714	1
cg14101284	TLN2	0.688673	0.957468	1.03473	1.03473	0.539451	1.48835	1.48835	0.207315	0.426922	-2.34235	0.590372	1.416	1.416	0.221005	0.438888	-2.27849	0.231776	0.448082	-2.23173	0.778625	0.851064	-1.22609	0.703024	0.769753	0.750158	0.815064	-1.22609	0.713024	4.62674	5.7679	1
cg18179251	ADCY9	0.688688	0.315376	0.645011	-1.55043	0.347145	0.672453	-1.48709	0.544922	1.28546	1.28546	0.894253	0.991943	-1.00812	0.263243	0.599035	-1.61299	0.229204	0.64336	-1.55434	0.941046	0.93078	1.03078	0.443926	1.37705	1.37705	0.650617	1.2055	1.2055	0.713015	1.80749	2.26553	1
cg02715072	TNXB	0.688683	0.950462	0.919068	-1.08806	0.985672	1.01244	1.01244	0.533003	0.651875	-1.53404	0.798465	1.19258	1.19258	0.988754	0.990346	-1.00975	0.628091	0.714626	-1.39933	0.605261	0.69846	-1.43172	0.13191	0.965501	-1.03578	0.185877	2.62599	2.62599	0.731301	5.35018	6.66991	1
cg07715974	SPOEF	0.688693	0.757133	1.12053	1.12053	0.38557	0.721565	-1.38588	0.403906	1.36797	1.36797	0.235177	0.633532	-1.57845	0.734199	1.13318	1.13318	0.206118	0.631085	-1.6311	0.852077	0.70788	1.07088	0.726725	0.879222	-1.13737	0.414968	0.736618	-1.35756	0.712996	1.51974	1.89465	1
cg12124243	SIPA1	0.688694	0.635841	0.802659	-1.10784	0.429857	0.749117	-1.33491	0.50828	1.17548	1.15498	0.359066	0.816713	-1.22492	0.879844	1.0301	1.0301	0.140855	0.604121	-1.10401	0.104403	0.583705	0.730903	-1.36817	0.662085	0.909904	-1.09902	0.831503	1.04681	1.02955	0.552516	0.648826	1
cg00575769	PHYHIP;PHYHIP	0.688711	0.539208	1.32867	1.32867	0.100872	2.27366	2.27366	0.175284	1.93268	1.93268	0.59784	1.27551	1.27551	0.409383	1.47063	1.47063	0.906154	0.947516	-1.05539	0.349004	1.55383	1.55383	0.579416	1.29165	1.29165	0.913785	1.05075	1.05075	0.71297	2.35959	2.9418	1
cg22832276	RBL1;RBL1	0.688724	0.763378	0.954921	-1.04721	0.487945	1.11566	1.11566	0.279205	1.18736	1.18736	0.799406	0.966098	-1.00395	0.434181	1.12954	1.12954	0.864111	0.974192	-1.02604	0.122198	0.774378	1.29136	0.899858	1.02752	1.02752	0.785727	0.959258	-1.04247	0.712966	0.260094	0.328012	1
cg19566623	RBMS1;RBMS1	0.688725	0.459172	0.549549	-1.82043	0.683936	0.157457	1.57457	0.669215	0.902211	0.650935	-1.53625	0.779281	1.28343	1.28343	0.364737	0.23596	4.25157	0.929883	0.907263	-1.10222	0.52393	0.22332	0.223132	0.938573	0.918802	-1.08897	0.141202	5.5734	5.5734	0.712954	13.8077	17.215	1
cg14843922	OLIG2	0.688724	0.346326	0.667187	-1.49883	0.137136	0.512656	-1.95063	0.64236	0.822707	-1.2155	0.913937	0.955891	-1.04614	0.256514	0.610055	-1.6392	0.337531	1.51071	1.51071	0.928056	0.963017	-1.0384	0.817703	0.908151	-1.10114	0.678745	0.840468	-1.18981	0.712953	1.96616	2.45135	1
cg08444830	JUN	0.688725	0.369764	0.878078	-1.13895	0.170966	0.947415	-1.0555	0.746162	0.855188	-1.04691	0.101904	0.720976	-1.38754	0.752662	0.805434	-1.24068	0.146382	0.802461	-1.24617	0.437983	0.850694	1.1202	0.499557	0.907786	-1.10158	0.972699	1.00484	1.00484	0.712951	0.224987	0.280508	1
cg04004437	ANKRD27	0.688733	0.620221	0.946647	-1.05636	0.335881	1.11507	1.11507	0.15269	1.18308	1.18308	0.85396	1.02043	1.02043	0.856902	0.980383	-1.02001	0.251423	0.876762	-1.14056	0.75901	1.03435	1.03435	0.403018	0.986298	-1.01389	0.543031	1.06991	1.06991	0.712939	0.136032	0.169604	1
cg05607722	SGSH3	0.688756	0.949123	0.983363	-1.20822	0.703661	0.689	-1.45071	0.613492	1.16389	1.16389	0.443566	1.10466	1.10466	0.555681	0.784625	-1.27453	0.620942	0.626566	-1.59611	0.864754	0.90521	1.0898	0.689372	0.924418	1.08171	1.08171	0.712443	1.12418	1.12418	0.522663	0.721521	0.885394	1.10296	1
cg14071324	NPHP4	0.68876	0.491861	0.694216	-1.44047	0.283325	0.558355	-1.79098	0.46516	0.678003	-1.47492	0.6401	1.27636	1.27636	0.121857	0.416163	2.4029	0.509845	0.705029	-1.41838	0.63864	0.780924	-1.28053	0.242359	0.527465	-1.89586	0.451558	0.669657	-1.4933	0.7129	3.08591	3.8477	1
cg07008946	SLIK1;SLIK1;SLIK2;SLIK2;SLIK3;SLIK3	0.688767	0.184214	0.757838	-1.31954	0.332234	0.821262	-1.21764	0.389656	0.840689	-1.1895	0.451342	0.859793	-1.16307	0.296905	0.808246	-1.23725	0.432418	1.17083	1.17083	0.791792	1.05346	1.05346	0.849508	1.03926	1.03926	0.979634	0.994988	-1.00504	0.712891	0.437523	0.545538	1
cg07088455	HSPA9;KAL1;HSP90AA1	0.688769	?	?	?	?	0.718179	1.19216	1.19216	0.782578	0.701579	1.31306	?	?	?	?	?	?	0.529911	0.735226	-1.36003	0.618803	1.2815	1.2815	0.191227	1.95173	1.95173	0.41237	1.66562	-1.49934	0.678508	1.95188	3.28769	1
cg14175330	NACC2	0.688783	0.874038	1.08294	1.08294	0.61323	0.774516	-1.29172	0.260705	0.554815	-1.8024	0.290116	0.576153	-1.73565	0.266981	0.559459	-1.78744	0.33176	1.69136	1.69136	0.603545	1.30097	1.30097	0.889883	1.07205	1.07205	0.860464	1.09238	1.09238	0.712868	2.84749	3.55059	1
cg27545552	ACPS;ACPS;ACPS;ACPS	0.688786	0.773432	1.12901	1.12901	0.487945	1.11566	1.11566	0.279205	1.18736	1.18736	0.799406	0.966098	-1.00395	0.434181	1.12954	1.12954	0.673753	0.738933	-1.3533	0.329549	0.744182	0.98258	-1.01743	0.972483	0.944394	1.03899	1.00591	1.00591	0.712849	5.5767	7.18706	1
cg06421238	WSCD1	0.688798	0.546432	1.47029	1.47029	0.106473	1.03648	1.03648	0.583081	1.09702	1.09702	0.542688	0.677631	-1.47573	0.643243	1.34232	1.34232	0.667287	0.761003	-1.31406	0.509154	1.56242	1.56242	0.23905	2.17862	2.17862	0.679407	1.30011	1.30011	0.712846	4.5028	5.6148	1
cg07668561	SH3TC2	0.688803	0.396118	1.90996	1.90996	0.410665	1.87099	1.87099	0.891792	0.903616	-1.10666	0.776178	0.808764	-1.23645	0.816738	1.18869	1.18869	0.512821	1.63923	1.63923	0.357762	2.02228	2.02228	0.260221	2.39759	2.39759	0.104617	3.74655	3.74655	0.712839	6.25982	7.80581	1
cg25706609	RGMDTD1;RGMDTD1	0.688819	0.485874	0.777985	-1.31391	0.973234	1.16273	1.16273	0.473073	0.846203	-1.18165	0.679972	0.696179	0.998629	-1.00144	0.997438	-1.00256	0.603458	1.08311	1.08311	0.816454	0.880548	0.755383	-1.32699	0.888595	1.02153	1.02153	0.021558	0.800279	0.963032	-1.03859	0.712816	0.262026	0.367349	1
cg27366305	SLC25A46	0.688822	0.975174	0.977185	-1.02335	0.469581	0.576811	-1.73367	0.189243	0.356496	-2.80598	0.938776	0.944621	-1.05863	?	?	?	?	?	0.277013	2.31293	2.31293	0.844315	-1.15699	0.621443	1.44652	1.44652	0.678428	4.59682	5.74365	1
cg25318971	BMP7	0.688824	0.990421	1.00963	1.00963	0.248402	1.84853	-1.17667	0.583949	0.947473	-1.1427	0.324363	1.34187	1.34187	0.964187	0.868557	1.08588	1.08588	0.992216	0.995155	-1.00487	0.842481	1.00387	1.00387	0.955702	1.028	1.028	0.712798	2.97803	3.67206	1
cg10895973	HS3ST3B1	0.688841	0.625166	0.91714	-1.09035	0.353208	1.18272	1.18272	0.447931	0.872958	-1.14553	0.648334	1.08401	1.08401	0.227434	1.24931	1.24931	0.817306	0.960121	-1.04154	0.415634	1.15739	1.15739	0.249746	1.2353	1.2353	0.475806	1.13585	1.13585	0.712785	0.348392	0.434467	1
cg25745937	MCF2	0.688886	0.424717	0.730779	-1.36971	0.385121	1.41005	1.41005	0.16895	1.7605	1.7605	0.813086	1.09572	1.09572	0.389955	0.708589	-1.41125	0.892544	0.949179	-1.05354	0.779179	1.11458	1.11458	0.418036	0.726614	-1.37625	0.668189	0.846703	-1.18105	0.712758	1.68115	2.09658	1
cg08123277	THRB;THRB;THRB	0.688878	0.306153	0.732984	-1.36475	0.220822	0.760468	1.31512	1.14162	1.14162	0.203942	0.625139	1.36168	1.36168	0.273505	0.740773	-1.35026	0.765432	1.22607	1.22607	0.567157	0.66035	-1.51435	0.220333	0.40553	2.46553	2.46553	0.87963	1.10874	1.10874	0.712732	5.23752	6.53201	1
cg25551661	GNAL;GNAL;GNAL;CHMP1B	0.688901	0.698865	0.922309	-1.08424	0.452799	0.17248	1.17248	0.0995308	1.45585	1.45585	0.786231	1.05819	1.05819	0.891413	0.971983	-1.02882	0.396799	1.19784	1.19784	0.451419	1.17307	1.17307	0.706554	0.924329	-1.08187	0.32853	1.23345	1.23345	0.712699	0.488562	0.609342	1
cg20956411	TLK1	0.688933	0.49193	0.674909	-1.48151	0.249861	0.468478	-2.13457	0.453375	0.651402	-1.53515	0.677104	0.791686	1.26313	0.567329	0.724334	-1.38053	0.432418	0.64269	-1.55607	0.49409	0.74742	1.33796	0.747363	0.913272	1.09483	1.09483	0.70363	0.71947	0.553272	0.58608	0.74306	0.93192	1.1	1
cg26221699	HHIP	0.688976	0.911539	0.977008	-1.02353	0.5987	0.883913	-1.13133	0.282475	1.26333	1.26333	0.313402	1.24387	1.24387	0.17601	0.925755	-1.0802	0.660189	0.911	-1.09673	0.325067	0.808406	-1.237	0.774831	0.941737	-1.06187	0.273915	1.26908	1.26908	0.712678	0.49445	0.616704	1
cg09106303	C6orf130	0.688921	0.366965	0.80721	-1.23883	0.312683	1.27294	1.27294	0.838154	0.953837	-1.0484	0.265148	0.764633	-1.30782	0.308003	0.783613	-1.27614	0.496224	0.852438	-1.17311	0.570998	1.14147	1.14147	0.384422	0.813765	-1.22886	0.74932	0.928594	-1.0769	0.71267	0.602748	0.751787	1
cg18489024	SLC9A7;CDC111;CDC111;CASP3	0.688924	0.302647	0.788494	-1.26804	0.182513	0.70536	-1.4175	0.336468	0.710527	-1.40726	0.348473	0.624247	1.60213	0.167705	0.726353	-1.37662	0.37267	1.1599	1.1599	0.520099	0.899766	1.1114	0.524079	0.711535	1.11135	1.11135	0.312886	1.18434	1.18434	0.712666	0.294694	0.369809	1
cg27359308	TFCP2L1	0.688927	0.287298	0.746682	-1.33926	0.85478	0.952715	-1.04963	0.953578	0.984726	-1.01551	0.656309	0.888322	-1.12572	0.266606	0.736368	-1.35802	0.843082	0.948948	-1.0538	0.983704	0.985786	0.755515	-1.3236	0.76569	0.924022	-1.08202	0.662762	0.789009	0.984114	1
cg13108601	FBS1;PKD2L1;E4	0.688928	0.342738	0.802642	-1.24592	0.1432	0.13302	1.39476	0.787832	1.03658	1.03658	0.527862	0.550602	1.82002	0.074073	1.07256	1.07256	0.778777	0.778362	1.28505	0.704109	0.930684	-1.07447	0.604549	0.904359	1.10584	1.10584	0.712645	1.95188	2.38769	1
cg16675926	KIAA1804	0.688944	0.281997	0.099203	-10.0803	0.997492	0.993525	-1.00652	0.845172	0.667604	-1.49789	0.603973	2.94891	2.94891	0.999206	1.00206	1.00206	0.634493	2.69068	2.69068	0.221953	0.0704466	-14.1951	0.224932	13.9319	13.9319	0.527207	0.266077	-3.75832	0.712638	48.2064	60.1288	1
cg01061890	TNNC2;RHOC;RHOC	0.688956	?	?	?	?	0.388181	0.85852	1.16492	?	?	?	?	?	?	?	?	?	0.507898	1.73155	1.73155	0.27227	0.577	1.73155	0.508341	1.96707	1.96707	0.508341	1.73767	0.70606	1
cg12134716	RHOC;RHOC;RHOC	0.688956	0.65246	1.20914	1.20914	0.326037	0.6539	-1.52929	0.684961	0.842932	-1.18633	0.71987	0.79104	-1.26416	0.918958	0.958261	1.04356	1.04356	0.258675	0.610362	-1.63837	0.093134	0.452153	-2.16802	0.859434	0.07709	1.07709	0.966793	0.982712	-1.01759	0.726634	1.98072	2.47061	1
cg14002233	C2orf24	0.688958	0.848401	0.951595	-1.05087	0.698601	0.903871	-1.10635	0.775098	0.928424	-1.07709	0.602557	1.14592	1.14592	0.351642	1.28212	1.28212	0.454258	1.21851	1.21851	0.104573	0.613116	-1.58399	0.856057	1.0482	1.0482	0.657891	1.12248	1.12248	0.71262	0.758609	0.946253	1
cg14219599	LIN52;PRR3;PRR3	0.688957	0.591192	1.17495	1.17495	0.73234	1.16273	1.16273	0.473073	0.846203	-1.18165	0.679972	0.696179	0.998629	-1.00144	0.997438	-1.00256	0.603458	1.08311	1.08311	0.816454	0.880548	0.755383	-1.32699	0.888595	1.02153	1.02153	0.021558	0.800279	0.963032	-1.03859	0.712816	0.262026	0.367349	1
cg08643603	SOX6;SOX6;SOX6;SOX6	0.688958	0.627959	0.78988	-1.26601	0.910599	0.947192	-1.05575	0.410485	0.665953	-1.50161	0.284865	0.584748	-1.71014	0.325803	0.612594	-1.6324	0.773735	0.870026	-1.14939	0.719209	0.839976	-1.19051	0.68196	1.22021	1.22021	0.084988	0.398531	-2.50922	0.712618	2.63319	3.28453	1
cg06298702	NCOA4;NCOA4;NCOA4	0.688967	0.796598	1.11941	1.11941	0.331503	0.602758	-1.65904	0.760763	1.16062	1.16062	0.445883	1.48072	1.48072	0.597907	1.30855	1.30855	0.607263	1.1994	1.29947	0.128302	0.45577	-2.29479	0.784252	0.76952	1.14882	1.14882	0.558395	0.741532	-1.34856	0.712604	2.88131	3.59409	1
cg24485577	PTK6	0.688974	0.154409	0.805741	-1.24107	0.091353	0.015468	-1.10594	0.160329	0.784856	-1.27446	0.204942	0.955613	-1.04645	0.577659	0.923395	-1.08296	0.557416	0.919367	-1.08771	0.313628	0.868119	-1.15192	0.566754	0.902233	-1.0855	0.546044	0.971075	-1.03004	0.712594	0.226573	0.282627	1
cg06517360	C20orf151	0.688975	0.188166	0.701353	-1.42581	0.096855	0.631918	-1.58248	0.553492	0.858578	-1.16472	0.420871	0.811247	-1.23267	0.328777	0.773828	-1.29228	0.449649	0.822035	-1.21649	0.972299	0.903761	-1.10649	0.334449	0.776377	-1.28803	0.642471	0.887869	-1.12629	0.712594	0.730334	0.911018	1
cg07851525	TSPY2	0.689001	0.313865	0.775151	-1.29045	0.143403	0.214523	-4.66253	0.342458	0.714258	-1.39954	0.147596	0.543715	-1.83955	0.179491	0.38987	-2.56491	0.130809	1.7985	1.7985	0.556053	0.717122	1.41871	1.41871	0.705407	0.808048	1.23759	0.604045	-1.65539	0.712572	0.4274	0.5078	1
cg25362068	SLC2A4	0.689006	0.9159	1.03195	1.03195	0.197788	0.605014	-1.65286	0.797086	1.07973	1.07973	0.951113	0.981912	-1.01842	0.735969	0.90415	-1.10601	0.175238	1.53602	1.53602	0.664509	1.13873	1.13873	0.726233	1.11033	1.11033	0.988113	1.00445	1.00445	0.712549	1.0003	1.24785	1
cg16349667	C1orf174	0.689055	0.143162	1.14162	1.14162	0.248861	0.468478	-2.13457	0.453375	0.651402	-1.62247	0.299951	1.96584	1.96584	0.94031	1.04025	1.04025	0.660685	1.08525	1.08525	0.62806	1.04794	1.04794	0.948427	0.97369	0.97369	0.948483	1.02137	1.02137	0.712543	0.44832	0.57417	1
cg13979277	LMX1B	0.689101	0.493369	1.11581	1.11582	0.752986	0.95148	-1.05099	0.527736	0.90412	-1.10605	0.198596	1.23866	1.23866	0.181039	1.25072	1.25072	0.660685	0.85255	1.08525	0.62806	1.07994	1.07994	0.720002	1.05835	1.05835	0.26602	1.20032	1.20032	0.712542	0.280084	0.349403	1
cg15787544	PIKAG2;PIKAG2	0.689018	0.563635	0.732533	-1.36513	0.386231	0.622781	-1.6057	0.561794	1.36718	1.36718	0.841167	0.898548	-1.11291	0.279687	0.549272	-1.82059	0.791519	0.868277	-1.15171	0.225113	0.506995	-1.97241	0.201736	0.487382	-2.05178	0.594334	1.33187	1.33187	0.712533	3.20764	4.00155	1
cg15717250	UPK1B	0.689019	0.140162	1.14162	1.14162	0.248861	0.468478	-2.13457	0.453375	0.651402	-1.62247	0.299951	1.96584	1.96584	0.94031	1.04025	1.04025	0.384513	1.16055	1.16055	0.71102	0.884027	1.13493	1.13493	0.902717	1.13529	1.13529	0.602383	0.934339	-1.07024	0.712521	0.827799	1.03269	1	1
cg07156275	TUBB3	0.68902	0.903698	1.04092	1.04092	0.37491	0.747207	-1.34899	0.770634	1.1017	1.1017	0.408739	0.755833	-1.32304	0.742946	0.896703	-1.1152	0.706581	1.13348	1.13348	0.209408	0.645122	-1.5501	0.195082	1.57468	1.57468	0.976575	0.90932	-1.00978	0.71253	1.23868	1.54526	1
cg09475510	PHIP2	0.689021	0.197126	0.7186	1.39147	0.164564	0.71252	-1.40403	0.352152	0.697988	-1.43202	0.357988	0.61638	-1.62238	0.802102	0.867989	-1.15208	0.73911	0.863268	-1.15822	0.965376	0.67702	-1.47706	0.421353	0.838396	-1.19225	0.782774	0.705968	-1.41629	0.712517	0.980303	0.899237	1	1
cg06678982	CCDC117	0.689047	0.236962	1.25473	1.25473	0.289153	1.02521	1.02521	0.870819	1.03026	1.03026	0.503937	1.13351	1.13351	0.491614	1.1365	1.1365	0.538684	1.12078	1.12078	0.526109	1.12484	1.12484	0.143629	1.33353	1.33353	0.131924	1.34698	1.34698	0.712491	0.378626	0.472366	1
cg17012181	LPG	0.689048	0.347367	0.741131	-1.34929	0.428407	0.778556	-1.28443	0.782205	1.08959	1.08959	0.387751	0.760265	-1.31533	0.194061	0.653508	-1.5302	0.753804	0.907184	-1.10231	0.162777	0.630449	-1.58617	0.647494	1.1532	1.1532	0.998193	0.999299	-1.0007	0.71249	1.0817	1.34951	1
cg12125484	PRKAR1B;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T 057 vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(1-vs-563T 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
ogi	2246180	TOX4;RAB28;RAB2B;TOX4;RAB28	0.689697	0.45844	1.73863	0.599747	1.47357	1.47357	0.497362	1.65609	1.65609	0.336073	0.483731	-2.02727	0.225776	0.1940224	-2.53792	0.662968	1.3786	1.3786	0.270855	0.431997	-2.31483	0.9292077	1.06735	1.06735	0.837931	0.860751	1.61678	0.711563	6.0411	7.54607	1
ogi	2629480	MGC26597	0.689708	0.563107	1.22545	1.22545	0.615887	0.838689	-1.19234	0.582009	0.8242	-1.2133	0.247175	0.656515	-1.5232	0.27421	0.6732222	-1.48539	0.903205	1.04322	1.04322	0.306574	0.692020	-1.44503	0.885073	1.05158	1.05158	0.182746	0.611578	-1.63511	0.711548	1.36299	1.70269	1
ogi	9133236	STARD10	0.689708	0.776342	0.957319	-1.04458	0.948442	1.00995	1.00995	0.877488	1.02391	1.02391	0.687704	0.939992	-1.06384	0.56144	1.09409	1.09409	0.279067	1.18809	1.18809	0.174361	0.801494	-1.24767	0.664096	1.0692	1.0692	0.273688	0.839923	-1.19059	0.711547	0.264302	0.330175	1
ogi	8680414	AP3D1;AP3D1	0.689738	0.322817	0.831407	-1.20278	0.612613	0.913986	-1.09411	0.888454	1.02568	1.02568	0.743935	1.08405	1.06105	0.392079	1.18986	1.18986	0.874707	1.02894	1.02894	0.104146	0.725268	-1.3788	0.715012	0.935851	-1.06855	0.824416	0.960622	-1.04099	0.715506	0.368334	0.460162	1
ogi	1530856	CBS	0.689738	0.144482	0.412596	-2.42368	0.511119	0.686319	-1.45705	0.669619	0.801487	-1.24768	0.223288	0.485452	-2.05994	0.250326	0.507409	-1.9708	0.201816	0.467108	-2.14083	0.566698	0.721034	-1.3869	0.966259	1.02418	1.02418	0.695684	0.800906	-1.24859	0.715504	3.59432	4.49042	1
ogi	2624407	TTC27	0.689742	0.353887	1.50718	1.50718	0.805786	1.11177	1.11177	0.190336	1.85375	1.85375	0.743878	0.868483	-1.15543	0.353314	1.50521	1.50521	0.469519	0.728711	-1.37229	0.379604	0.67864	-1.47354	0.548184	1.20867	1.20867	0.697358	1.18304	1.18304	0.714498	2.08451	2.60422	1
ogi	3179429	CDC27;CDC27	0.689755	0.437271	0.522888	-1.91245	0.40302	2.01421	2.01421	0.661284	1.43441	1.43441	0.678365	1.40666	1.40666	0.576698	1.58635	1.58635	0.314272	2.34319	2.34319	0.166916	0.2994754	-3.33917	0.764288	1.27898	1.27898	0.65421	1.44616	1.44616	0.714488	7.54428	9.42535	1
ogi	1783014	UST	0.689755	0.991983	-1.00818	0.20013	1.19918	1.19918	0.566598	1.15543	1.15543	0.448155	1.21263	1.21263	0.296154	1.31019	1.31019	0.724701	1.09219	1.09219	0.106957	1.151001	1.15101	0.902627	0.9699555	-1.011	0.90802	0.971586	-1.02925	0.71148	0.700915	0.875689	1
ogi	0786909	CABC1	0.689758	0.450522	0.513638	-1.9469	0.122524	0.234545	-2.36358	0.643696	0.667899	-1.49723	0.973002	0.571	-1.02976	0.314738	0.606218	-1.46173	0.24515	0.348732	-2.86753	0.522405	0.570192	-1.7538	0.243085	0.344675	-2.90129	0.914742	1.09724	1.07204	0.714476	8.46138	10.5713	1
ogi	0746653	ACTB	0.68976	0.681601	1.14599	1.14599	0.629643	0.851711	-1.17411	0.43567	1.30045	1.30045	0.160813	0.609703	-1.64014	0.228974	0.659	-1.51745	0.71372	0.885401	-1.12943	0.923835	1.03209	1.03209	0.572531	0.828309	-1.20728	0.362123	0.733869	-1.36264	0.711472	1.22954	1.53615	1
ogi	1545693	ACTB;CAST;CAST;CAST;CAST;CAST;CAS	0.689767	0.827826	1.06128	0.573348	0.856098	-1.16809	0.951985	1.01657	1.01657	0.143024	1.53696	1.53696	0.137405	1.26048	1.26048	0.356149	1.29584	1.29584	0.93899	0.979315	-1.02112	0.25992	1.37835	1.37835	0.318631	1.32504	1.32504	0.711463	0.840122	1.04963	1
ogi	2975816	EIF1	0.689768	0.396157	1.53219	1.53219	0.509373	0.946517	-1.03874	0.781662	0.8008	-1.16635	0.534292	1.35532	1.35532	0.094038	0.410923	-2.43354	0.765857	1.86566	-1.15519	0.422776	1.48649	1.48649	0.945165	0.967319	-1.03179	0.880965	1.07507	1.07507	0.711461	2.62932	3.28503	1
ogi	4109665	MGC16121	0.68977	0.324769	1.35101	2.35101	0.263863	2.66206	2.66206	0.79656	1.24257	1.24257	0.499193	1.78012	1.78012	0.936881	1.06885	1.06885	0.251538	2.7375	2.7375	0.116174	0.42091	-4.20091	0.360685	2.2033	2.2033	0.411748	2.02497	2.02497	0.711459	7.96315	9.94908	1
ogi	2502545	CEP63;CEP63;ANAPC13;CEP63;CEP63;A NAPC13;CEP63;ANAPC13	0.689782	0.163578	0.78455	-1.27462	0.790668	0.957511	-1.04437	0.432787	0.87753	-1.13956	0.834734	1.03468	1.03468	0.458147	1.15663	1.15663	0.165467	0.785512	-1.27305	0.910545	0.981825	-1.01851	0.804625	0.960359	-1.04128	0.715447	0.941999	-1.06157	0.711441	0.300108	0.374961	1
ogi	2619427	INPP5A	0.689793	0.805176	0.826864	-1.20939	0.363438	2.05142	2.05142	0.194325	2.8757	2.8757	0.404747	0.519017	-1.92672	0.33169	0.462804	-2.16074	0.499199	0.589951	-1.69506	0.507252	0.595971	-1.67793	0.891496	0.900328	-1.11071	0.822662	0.8414	-1.1885	0.711425	0.666818	0.833155	1
ogi	2058573	PBX13;PBX13	0.689794	0.349728	1.54605	1.14456	0.289572	0.628918	-1.59003	0.57305	0.786551	-1.26654	0.951377	0.974602	-1.02606	0.689073	1.18493	1.18493	0.195275	0.563276	-1.78216	0.155743	0.526892	-1.89792	0.609062	0.804442	-1.2431	0.413575	0.702835	-1.42281	0.711425	2.00539	2.50564	1
ogi	5785379	TEX2	0.689795	0.730815	1.14685	1.14685	0.323367	0.667179	-1.49885	0.525823	0.626504	-1.60101	0.2303661	0.6475	1.5475	0.164691	0.2303661	0.6475	0.427018	1.39757	1.39757	0.487469	1.32282	1.32282	0.745709	1.13781	1.13781	0.845861	0.925686	-1.08028	0.711423	1.77866	2.2161	1
ogi	4857672	EPDR	0.689798	0.384774	0.572999	-1.7452	0.130056	0.35991	-2.77847	0.260743	0.480459	-2.08134	0.413737	0.593239	-1.68566	0.172456	0.403546	-2.47803	0.745806	0.816058	-1.2254	0.915871	0.936099	-1.06826	0.834023	0.877105	-1.14011	0.957417	1.03393	1.03393	0.711418	4.40016	5.49783	1
ogi	2005634	PPOPF	0.689827	0.981651	0.987961	-1.0298	0.944312	0.96	-1.04162	0.823902	1.13119	1.13119	0.800459	0.880287	-1.15037	0.204528	0.476883	-2.09702	0.276898	0.534995	-1.86958	0.973503	0.981797	-1.01854	0.940702	1.13781	1.13781	0.172116	0.278097	1.86603	1.86603	0.711377	3.4467	4.30677	1
ogi	2707427	IFIT3;IFIT3	0.689829	0.629086	0.745136	-1.34204	0.771006	1.19292	1.19292	0.75673	0.828767	-1.20662	0.957598	1.03266	1.03266	0.15051	0.3939972	-2.53825	0.525223	1.45771	1.47571	0.961097	1.01021	-1.02984	0.167137	0.243554	2.43554	0.851887	1.1961	1.11961	0.711374	4.11631	5.14348	1
ogi	1825944	HCG27	0.689852	0.570938	1.232508	-1.48042	0.710076	1.473446	1.473446	0.215744	0.627735	0.627735	0.627324	1.39685	1.39685	0.356141	0.45585	-2.19371	0.258042	0.870704	-1.2252	0.307603	0.427254	2.3405	0.167185	0.390562	-2.52167	0.274301	0.388952	-2.57028	0.71369	0.924445	1.15967	1
ogi	4756202	ATP11A;ATP11A	0.68984	0.848033	0.945888	-1.05721	0.194728	1.48849	1.48849	0.923307	1.02832	1.02832	0.662633	0.88176	-1.13409	0.772883	1.08753	1.08753	0.752897	1.09591	1.09591	0.199491	1.48154	1.48154	0.257792	0.710041	-1.40837	0.918895	0.971252	-1.0296	0.711359	0.947362	1.18379	1
ogi	6527166	HIVEP3;HIVEP3	0.689849	0.399768	1.80017	0.110008	3.30598	3.30598	0.263155	2.22074	2.22074	0.668506	1.34044	1.34044	0.586598	1.45307	1.45307	0.442888	1.70446	1.70446	0.219738	2.42	2.42	0.294828	2.10111	2.10111	0.781138	1.208446	1.208446	0.711373	5.09357	5.56904	1
ogi	2588085	FAM64A	0.689852	0.653505	0.91767	-1.17952	0.707021	1.47599	1.47599	0.139333	1.91477	1.91477	0.133333	1.61472	1.61472	0.108463	1.28642	1.28642	0.188258	1.87853	1.87853	0.074954	2.24718	2.24718	0.152927	0.623423	-1.60405	0.882094	1.11087	1.11087	0.711341	5.73155	7.13912	1
ogi	5471373	ATM;ATM	0.689859	0.459519	0.537033	-1.86208	0.2702	0.387602	-2.57996	0.418681	0.505514	-1.97818	0.63019	1.49254	1.49254	0.526013	0.588353	-1.69966	0.751259	1.3002	1.3002	0.765159	1.28057	1.28057	0.185764	3.18433	3.18433	0.809117	1.22114	1.22114	0.711331	7.67762	9.59406	1
ogi	2781285	CIT	0.689874	0.691584	0.660178	1.514376	0.368195	0.979036	-1.15761	0.788401	0.916184	1.09184	0.916184	0.915705	1.0916633	0.129995	0.9766633	1.02395	0.840102	1.19048	1.19048	0.144947	0.983858	-1.01657	0.842302	0.778785	-1.28456	0.464535	2.153511	2.153511	0.711311	0.562796	0.703298	1
ogi	1249573	FN3K	0.68979	0.603783	1.48577	1.48577	0.51476	0.606798	-1.64799	0.265181	0.415558	-2.4064	0.363917	2.02503	2.02503	0.089366	1.11676	1.11676	0.897298	1.10258	1.10258	0.703449	1.3354	1.3354	0.403769	0.90806	1.90806	0.190099	2.85602	2.85602	0.711302	4.4425	8.05095	1
ogi	0434413	RENBP;NAA10	0.689881	0.4632	1.2603	1.2603	0.214932	1.49849	1.49849	0.425092	1.28706	1.28706	0.942294	0.97782	-1.02268	0.731594	0.898817	-1.11257	0.291275	1.50254	1.50254	0.690979	0.883559	-1.13179	0.695932	1.1294	1.1294	0.388439	0.760439	-1.31503	0.7113	1.08138	1.35137	1
ogi	0918008	GNS	0.689889	0.999189	0.99053	-1.00947	0.98127	1.00453	1.00453	0.992203	0.99614	0.99614	0.200614	0.854028	1.17121	0.003194	1.14947	1.14947	0.998042	1.00006	1.00006	0.405375	1.15323	1.15323	0.661908	0.753558	1.32706	0.912199	1.05871	1.05871	0.711273	3.01992	3.76054	1
ogi	2153834	RGL2;RGL2	0.689911	0.946555	1.02339	1.02339	0.117958	0.556872	-1.79574	0.121609	0.560618	-1.78375	0.758391	0.88907	-1.11226	0.583103	0.806652	-1.23969	0.428663	0.756816	-1.32132	0.971619	1.01234	1.01234	0.999701	0.999871	-1.00013	0.602648	0.834434	-1.19856	0.711258	1.33955	1.6741	1
ogi|2233208	BBC3;BBC3;BBC3	0.689913	0.646016	1.88633	1.88633	0.530061	1.448196	1.448196	0.274736	0.695776	1.43724	0.310031	0.32661	3.06161	0.304588	0.32661	3.06161	0.646418	1.55164	1.55164	1.24416	0.6466	-1.54656	0.303586	0.77	1.2982	0.863894	0.960268	1.04167	1.02822	1.08815	0.711257	0.207023	0.258779	1
ogi	6098232	LOC100272228;CKor\t08;CKor\t08	0.689924	0.272594	0.124814	-8.01195	0.854861	0.716279	-1.3961	0.955061	0.9024	-1.10816	0.231657	0.98726	0.98726	0.328778	6.2765	6.2765	0.270148	0.123384	8.1048	0.744338	0.550828	-1.81545	0.824919	0.667803	-1.49745	0.862654	1.37101	1.37101	0.711238	37.4085	46.7523	1
ogi	4248285	KIF26B	0.689925	0.67469	1.51911	1.51913	0.168932	0.47096	2.47096	0.285158	0.30032	3.00312	0.752196	0.704974	-1.41849	0.855833	0.835149	-1.19739	0.267067	3.14344	3.14344	0.656316	1.55839	1.55839	0.898949	0.425115	-2.3523	0.750686	1.3713	1.3713	0.711237	11.0525	13.8131	1
ogi	6732175	ZUMO1	0.689936	0.365569	0.78121	-1.27995	0.431552	0.5295	-1.88757	0.578466	0.723698	-1.38147	0.578466	1.23698	1.23698	0.773402	1.1559	1.1559	1.283413	1.28343	1.28343	0.464219	1.32512	1.32512	0.188705	0.873073	-1.14498	0.914674	1.14781	1.14781	0.711222	1.61712	2.02108	1
ogi	2932547	EIF26A	0.689958	0.606216	1.32892	1.32892	0.187767	2.14555	2.14555	0.151178	2.31911	2.31911	0.801784	1.14747	1.14747	0.194539	2.11806	2.11806	0.674052	1.26029	1.26029	0.363736	1.66605	1.66605	0.501458	1.45225	1.45225	0.322537	1.74865	1.74865	0.711191	3.36868	4.21038	1
ogi	0508906	NOG2	0.689966	0.918686	1.08852	1.08852	0.648582	1.03505	-1.04384	0.661021	1.39722	1.39722	0.281706	1.34729	1.34729	0.241789	1.47108	1.47108	0.695602	-1.43814	0.347348	0.127214	0.487592	-2.05089	0.127357	0.440754	-2.26979	0.573657

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg05803361	PI2K1	0.690744	0.314853	2.52717	0.527917	0.127705	0.34526	4.34526	0.265375	2.816608	2.816608	0.6649397	1.476506	0.4706286	0.701026	0.709075	0.41029	0.827973	0.823557	-1.21424	0.645514	0.661551	1.5116	0.744685	0.747156	-1.33841	0.957723	0.953813	1.04842	0.710069	8.94815	11.2016	1
cg18222494	MTPAP	0.690756	0.681214	1.19796	1.19796	0.269239	0.603007	-1.65836	0.775586	1.13306	1.13306	0.2540005	1.688568	1.688568	0.211598	1.78528	1.78528	0.328611	1.55685	0.9765818	1.01278	1.012778	0.962757	1.02061	1.02061	0.61423	1.24899	1.24899	0.710038	2.10133	2.30181	1
cg03199239	GNG7	0.690769	0.455606	1.56546	1.56546	0.444923	1.58294	1.58294	0.446913	1.57965	1.57965	0.893692	1.08205	1.08205	0.464727	0.644787	-1.5509	0.513062	1.47879	1.47879	0.179927	2.31623	2.31623	0.194381	2.24722	2.24722	0.4164841	1.63194	1.63194	0.710034	3.91154	4.89685	1
cg01262413	PTPRN2;PTPRN2;PTPRN2	0.690774	0.128059	1.55941	-1.78799	0.390975	0.736191	-1.35834	0.66856	0.858934	-1.16425	0.2985421	0.683555	-1.46298	0.552335	0.808739	-1.23649	0.962006	0.992483	-1.00078	0.3572744	1.39696	1.39696	0.601539	1.820343	-1.20447	0.558705	0.811551	-1.23221	0.710026	1.40204	1.75523	1
cg07897871	ELF3;ELF3;ELF3	0.690782	0.947585	1.0264	1.0264	0.141509	1.87139	1.87139	0.446596	1.362195	1.36195	0.972335	0.986348	-1.01384	0.476822	0.750706	-1.33208	0.846017	1.08012	1.08012	0.387225	1.74036	1.74036	0.735827	0.87439	-1.14365	0.808058	0.908031	-1.10128	0.710014	1.76691	2.21205	1
cg06946880	ATP6V1B1	0.690786	0.088219	2.28981	2.28981	0.563035	1.29544	1.29544	0.466093	1.3863	1.3863	0.374605	0.609423	-1.49182	0.952032	0.978355	-1.02685	0.750786	1.15065	1.15065	0.75428	1.14829	1.14829	0.648487	0.810995	-1.2324	0.686684	1.19551	1.119551	0.710009	2.18086	2.73031	1
cg08699794	TEL02	0.690789	0.485562	0.580935	-1.72136	0.896914	0.907408	-1.10204	0.367967	2.03146	2.03146	0.980548	0.981488	-1.01886	0.135969	0.291882	-3.42604	0.960981	0.963199	-1.03821	0.247417	0.395792	-2.52658	0.873381	0.884941	-1.13002	0.389891	0.509013	-1.96458	0.710004	6.60532	8.26952	1
cg14290455	RPL10A	0.690879	0.456349	0.579029	-1.72703	0.163388	0.91811	2.91811	0.154785	1.537799	1.53799	0.324793	0.480927	-2.07932	0.528215	0.631103	-1.58453	0.48606	0.600754	-1.66497	0.166613	0.731962	-1.36619	0.697023	1.34564	1.34564	0.831877	0.858084	-1.16539	0.710003	5.82825	7.29668	1
cg08879373	RUDD13;RUD13;RUD13;RUD13	0.690883	0.211225	0.491402	-2.41035	0.410687	1.74213	1.74213	0.958338	0.965874	-1.03533	?	?	?	0.619563	0.751872	-1.3969	0.209524	0.41893	2.41893	0.852228	0.882903	-1.13263	0.70028	0.772343	-1.29476	0.770311	1.21595	1.219595	0.696435	4.36186	6.27935	1
cg03031988	BAT1;BAT1	0.69082	0.448447	1.54993	1.54993	0.96802	0.977515	-1.023	0.213713	0.475829	-2.10159	0.339635	1.74766	1.74766	0.823158	0.880886	-1.13522	0.266333	0.518412	-1.92897	0.879707	0.917679	-1.08971	0.460525	0.652982	-1.53144	0.621247	1.32647	1.32647	0.70996	3.6182	4.53008	1
cg04908824	ING1;ING1;ING1	0.690824	0.7628	2.13287	2.13287	0.468587	1.39059	1.39059	0.715031	0.757238	0.881627	-1.13427	0.468059	1.34987	0.740195	0.815315	-1.22655	0.211122	0.585546	1.70781	0.155685	0.539431	-1.85338	0.926405	0.942183	1.06078	0.223911	0.422391	1.129297	0.627792	1.223911	1.223911	0.709955	1.824342	3.32432	1
cg07512313	TECPR2	0.690873	0.675775	0.76261	-1.31229	0.98381	1.01316	1.01316	0.196337	2.41151	2.41151	0.801953	0.855645	-1.16871	0.102286	0.315984	-3.16472	0.95061	1.04072	1.04072	0.905078	0.97089	0.97089	0.791795	0.843275	-1.18585	0.706095	0.783414	-1.27646	0.709885	4.66732	5.84422	1
cg16639138	ZNHIT1;ZNHIT1;PLOD3	0.690885	0.501223	1.1009	1.1009	0.884463	1.02075	1.02075	0.556062	1.07842	1.07842	0.108042	0.820274	1.056022	-1.15604	0.584327	0.923303	-1.08308	0.72683	0.951708	-1.0509	0.574478	0.815698	-1.22595	0.584586	0.925045	-1.08103	0.935623	1.14351	1.14351	0.709868	0.223921	0.280291	1
cg08408004	ANAPC5;ANAPC5	0.690901	0.408862	0.786911	-1.27079	0.185408	0.671396	-1.48943	0.889407	0.961297	-1.04026	0.406485	0.785909	-1.27241	0.500697	1.21399	1.21399	0.849169	0.94742	-1.0555	0.245189	0.41178	-2.42813	0.98794	1.0043	1.0043	0.64896	0.878081	-1.13865	0.709844	0.904822	1.13305	1
cg17084044	TNFRSF4	0.690913	0.857911	1.07827	1.07827	0.87481	0.935854	-1.06854	0.738868	0.868775	-1.15105	0.717796	0.858467	-1.16487	0.832849	0.914969	-1.09293	0.151158	0.523718	-1.90942	0.145416	0.51822	-1.92968	0.231959	0.590299	-1.69406	0.399074	0.695582	-1.43765	0.709828	1.98763	2.48902	1
cg06256693	JAM3	0.691015	0.912015	0.970065	-1.03086	0.543918	0.844593	-1.184	0.177077	0.674207	-1.48362	0.384347	1.27794	1.27794	0.483368	0.822129	-1.21635	0.493045	1.24223	1.24223	0.503607	1.20517	1.20517	0.889358	0.962464	-1.039	0.466757	1.22584	1.22584	0.709828	1.849823	2.66432	1
cg01800345	KCNAB1;KCNAB1;KCNAB1;KCNAB1	0.690919	0.605598	1.20472	1.20472	0.237596	0.642514	-1.55639	0.789851	1.10022	1.10022	0.205701	1.61178	1.61178	0.844995	0.932405	-1.07249	0.361412	0.715014	-1.39857	0.691689	1.15318	1.15318	0.516444	0.790392	-1.2652	0.630058	1.18949	1.18949	0.70982	1.43724	1.79982	1
cg20021794	CFLAR;CFLAR;CFLAR	0.690928	0.392334	1.716538	-1.40522	0.991903	1.00395	1.00395	0.872252	1.06446	1.06446	0.361141	0.664602	-1.43967	0.323226	0.67236	-1.4873	0.901282	0.952968	-1.04955	0.861609	1.07008	1.07008	0.916221	1.79608	1.79608	0.46672	0.750128	1.33311	1.709807	1.60409	2.1215	1
cg08004744	RALBP1	0.690954	0.494787	1.62577	1.62577	0.874211	1.7213	1.7213	0.65781	1.06571	1.06571	0.863779	-1.15577	1.585931	0.376834	0.570645	-1.75246	0.30408	0.686119	-1.45747	0.194847	0.61557	-1.62469	0.777434	1.1055	1.1055	0.419469	1.33903	1.339903	0.709798	1.40809	1.76337	1
cg24591861	MAP2K1	0.69094	0.829109	0.921468	-1.08522	0.863621	0.93657	-1.06773	0.738394	0.880891	-1.13521	0.224812	0.6173	-1.61996	0.997079	0.998616	-1.00139	0.559794	1.24996	1.24996	0.518072	1.28136	1.28136	0.29139	1.51322	1.51322	0.220272	0.614073	-1.62847	0.709789	1.60932	2.01539	1
cg06190407	GAUG2;GAUG2;COPS2;COPS2	0.690941	0.551924	1.0999	1.0999	0.236903	0.849434	-1.2447	0.513234	1.10404	1.10404	0.779894	0.960556	-1.08705	0.648389	0.922189	-1.08438	0.447978	1.12895	1.12895	0.122367	0.817811	-1.22279	0.44885	1.12867	1.12867	0.932043	0.986362	-1.01383	0.709787	0.276508	0.344279	1
cg03132220	CACNB4;CACNB4;CACNB4	0.690965	0.426418	1.65887	1.65887	0.249456	2.11735	2.11735	0.170136	2.48572	2.48572	0.338079	1.850521	1.85052	0.598391	1.39272	1.39272	0.320798	1.89518	1.89518	0.154215	2.58721	2.58721	0.550547	1.45704	1.45704	0.466398	1.58714	1.58714	0.709754	4.36621	5.4682	1
cg13550751	ABL2;ABL2;ABL2;ABL2;ABL2	0.690976	0.426556	0.648066	-1.51404	0.773468	1.15886	1.15886	0.499562	1.02075	1.02075	0.56062	1.4453	1.4453	0.740532	1.18505	1.18505	0.177908	0.483226	-2.07003	0.122251	0.803708	-1.24434	0.695386	1.22358	1.22358	0.20081	0.501425	-1.99432	0.709738	2.83406	3.54627	1
cg12415060	GABRB3;GABRB3	0.690977	0.937639	1.03705	1.03705	0.162144	2.00156	2.00156	0.473265	1.40372	1.40372	0.588481	1.28913	1.28913	0.300899	0.607525	-1.64602	0.81259	0.895455	-1.11675	0.693848	0.831988	-1.20194	0.284047	1.67769	1.67769	0.95272	1.972809	-1.02795	0.709737	2.42974	3.04306	1
cg14355192	GNE;GNE	0.69098	0.405504	1.84821	-1.17797	0.352	1.22637	1.22637	0.315026	1.24776	1.24776	0.853881	1.04006	1.04006	0.669918	1.09566	1.09566	0.321695	0.804031	-1.24173	0.955321	1.05125	1.05125	0.426555	1.18883	1.18883	0.720222	1.2771	1.2771	0.709732	0.510222	0.639017	1
cg01370858	ATP1LA;ATP1LA	0.690981	0.449504	1.52884	1.52884	0.696027	0.829175	-1.20602	0.602787	1.13851	1.13851	0.624476	1.13611	1.13611	0.703164	1.17464	1.17464	0.824478	1.21219	1.21219	0.215635	0.490945	1.24223	1.24223	0.503607	1.20517	1.20517	0.889358	0.962464	-1.039	0.466757	1.22584	1.22584	0.709828	1.849823	2.66432	1
cg18726360	LINGO3	0.690993	0.4592	1.10151	1.10151	0.936546	1.01027	1.01027	0.222682	0.84841	-1.17868	0.608994	0.935959	-1.06842	0.223815	0.848785	-1.17815	0.661587	0.945061	-1.05813	0.593036	1.07166	1.07166	0.448451	1.10418	1.10418	0.623078	1.06561	1.06561	0.709714	0.184988	0.23169	1
cg11609126	TCF3;TCF3	0.691003	0.33738	1.769823	1.76989	0.364582	0.768892	-1.3016	0.307701	1.76522	1.76522	0.132254	0.648493	0.8303052	0.2004551	0.595823	-1.67904	0.120082	0.640508	-1.56126	0.499267	0.554107	1.8044	0.599548	0.6044	0.6044	0.00832	0.858405	0.70175	0.709692	0.084562	0.118652	1
cg11956748	RET;RET	0.691017	0.719213	3.0777	3.0777	0.413699	0.53743	-1.86071	0.930781	1.06739	1.06739	0.419817	1.84504	1.84504	0.170124	2.96168	2.96168	0.538464	1.58855	1.58855	0.416955	0.604907	1.82489	0.824906	0.844969	-1.18348	0.429051	0.548864	-1.82195	0.709679	2.20654	2.77382	1
cg08952424	MED12;MED12	0.691029	0.14876	0.139397	-7.17373	0.690818	0.601285	-1.6631	0.887718	1.19692	1.19692	0.318603	3.71186	3.71186	0.871374	0.813689	-1.22897	0.18573	0.16774	-5.96161	0.964104	1.05893	1.05893	0.931462	0.896328	-1.11566	0.867752	1.2362	1.2362	0.709662	18.196	22.7914	1
cg12452788	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.691041	0.73184	1.60911	1.60911	0.642796	0.858146	-1.18909	0.842796	0.881838	-1.134	0.177286	0.733374	-1.36351	0.242455	0.708514	-1.41125	0.410527	1.12777	1.12777	0.211368	0.454844	1.28227	1.28227	0.525058	1.20523	1.20523	0.709665	0.923189	1.15635	1
cg02478349	RNF130	0.691038	0.920613	0.960441	-1.04119	0.45504	1.36081	1.36081	0.656075	0.834032	-1.19899	0.791421	1.11329	1.11329	0.471274	1.39839	1.39839	0.649357	0.830829	-1.20362	0.0730165	2.24702	2.24702	0.64154	1.20905	1.20905	0.637734	1.21171	1.211171	0.70965	1.84254	2.30792	1
cg20724681	RAP1GDS1;RAP1GDS1;RAP1GDS1	0.691041	0.331963	0.422324	-2.36785	0.852783	0.854842	-1.16981	?	?	?	0.477962	0.540471	-1.85024	?	?	?	0.460835	0.636751	-1.57047	0.7032	0.794425	-1.25877	0.602315	1.37171	1.37171	0.742166	1.21954	1.21954	0.709533	4.06211	5.08821	1
cg24429166	RCN3;FCGRT;FCGRT	0.69106	0.611188	1.0999	1.0999	0.380278	0.567944	-1.76074	0.930413	1.0576	1.0576	0.138646	1.27928	1.27928	0.49962	0.781205	-1.28005	0.553096	0.680831	-1.46879	0.76965	0.828377	-1.20718	0.644764	1.34577	1.34577	0.746219	0.876701	-1.14092	0.709738	0.223606	0.284627	1
ch.12.2759882	TMEM132C	0.691062	0.792661	0.635878	-1.57263	0.100349	0.0453298	-22.0605	0.375107	0.209189	-4.78036	0.157522	0.0744528	-13.4313	0.689852	0.501883	1.9925	0.827117	1.45632	1.45632	0.441	0.259138	-3.85895	0.678031	0.487968	-2.04931	0.684382	0.495409	-2.01853	0.709615	33.196	41.5824	1
cg26449085	DENND2A	0.691077	0.255011	0.263982	-3.78842	0.128604	0.158692	-6.30152	0.360051	0.268051	-3.73113	0.632919	0.581363	-1.71479	0.381477	0.450403	2.22257	0.632193	0.58247	-1.71683	0.79011	1.33162	1.33162	0.448371	0.426053	-2.34736	0.154597	0.503599	1.34.1169	0.709593	0.144169	0.174889	1
cg12474983	RNPF	0.691086	0.434458	1.18604	1.18604	0.596337	0.891924	-1.12117	0.973011	1.00692	1.00692	0.232729	1.19148	1.19148	0.33656	1.24198	1.24198	0.616208	1.11418	1.11418	0.745244	0.932331	-1.07155	0.446581	0.716502	-1.39562	0.903911	0.974492	-1.02618	0.709581	0.514424	0.644417	1
cg08956010	FGF23	0.69109	0.377621	1.47826	1.47826	0.31008	0.749675	-1.33313	0.593005	0.790252	-1.26223	0.933981	0.855004	-1.16932	0.492883	0.833052	-1.20055	0.676944	1.19859	1.19859	0.102382	0.497158	2.01186	0.216869	1.75244	1.75244	0.587391	1.26671	1.26671	0.709575	1.26671	1.59107	1
cg01049813	CPAMD8	0.691095	0.794067	1.04191	1.04191	0.375977	0.867114	-1.15325	0.609021	1.08432	1.08432	0.374317	0.872859	-1.14566	0.112171	0.311122	3.11122	0.633666	1.07826	1.07826	0.596365	1.0875	1.0875	0.87325	1.02537	1.02537	0.588044	1.08962	1.08962	0.709568	0.276763	0.346706	1
cg07139329	NAV1;NAV1	0.691111	0.326186	0.706622	-1.41506	0.696027	0.829175	-1.20602	0.602787	1.13851	1.13851	0.624476	1.43746	1.43746	0.634903	1.18543	1.18543	0.456243	0.437206	-2.28661	0.0422	0.344642	0.034	0.034	0.3709	0.583107	-1.71495	0.253743	0.565556	-1.76823	0.921489	0.953951	1.04.1169	0.709559	0.144169	0.174889	1
cg26951554	DHX16;DHX16	0.691115	0.404555	0.796652	-1.25525	0.20032	1.43418	1.43418	0.718179	0.907914	-1.10143	0.936351	1.02152	1.02152	0.456403	0.816939	-1.22408	0.472702	0.824776	-1.21245	0.468427	1.21731	1.21731	0.316438	1.31795	1.31795	0.919743	1.02723	1.02723	0.709539	0.798472	1.0003	1
cg24105407	TAS1R1;TAS1R1;NOL9;TAS1R1	0.691124	0.345744	0.594312	-1.68262	0.572124	0.736455	-1.35786	0.435503	1.53164	1.53164	0.815935	0.882541	-1.13309	0.305842	0.566574	-1.76499	0.371682	0.611704	-1.63478	0.21215	0.49448	-2.02232	0.258086	0.531329	-1.88207	0.980916	1.0074	1.0074	0.709527	3.22682	4.04254	1
cg23601994	SLC35B4	0.691142	0.514917	0.611123	-1.63633	0.178348	0.341579	-2.92758	0.398615	1.90682	1.90682	0.287161	0.437266	-2.28694	0.742276	1.27852	1.27852	?	?	?	0.795538	0.824224	-1.21326	0.733192	1.29018	1.29018	0.728514	0.77146	-1.29624	0.694424	5.30009	6.67831	1
cg17639046	HS3ST3B1	0.691151	0.71496	1.39408	1.39408	0.756398	0.907158	-1.10213	0.667755	1.11759	1.11759	0.864937	-1.15615	0.741634	0.711979	1.11759	1.11759	0.512812	0.800089	-1.24986	0.438999	0.767447	-1.30302	0.520989	1.54084	1.54084	0.167287	1.63994	1.63994	0.709483	2.68477	3.58956	1
cg05164926	KCTD11;KCTD11	0.691158	0.189391	2.71795	2.71795	0.904431	0.917236	-1.09023	0.971936	1.02562	1.02562	0.196852	2.66808	2.66808	0.286948	0.451461	-2.21503	0.978194	0.980534	-1.01985	0.952999	1.04387	1.04387	0.597511	0.681661	-1.467	0.743492	0.789646	-1.26639	0.709478	0.81266	0.728254	1
cg02745140	C3orf16 SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC	0.691159	0.379737	1.90757	1.90757	0.706378	1.31161	1.31161	0.302527	0.465098	-2.15009	0.41032	1.82844	1.82844	0.271137	0.459934	-2.27307	0.715942	1.29944	1.29944	0.377773	1.91293	1.91293	0.655439	1.37975	1.37975	0.525771	1.58534	1.58534	0.709477	5.77226	7.23194	1
cg04308797	14L1	0.691161	0.349247	2.5994	2.5994	0.65919	1.55271	1.55271	0.43073	2.21954	2.21954	0.503806	1.95923	1.95923	0.457623	2.1167	2.1167	0.531528	1.87441	1.87441	0.066263	7.7077	7.7077	0.440148	2.18248	2.18248	0.332944	2.69156	2.69156	0.709474	11.0432	13.8359	1
cg02525807	ARHGEF9;ARHGEF9	0.691167	0.282902	0.159007	-1.74763	0.274847	0.149075	-7.40876	0.764676	0.591562	-1.69044	0.301847	0.5898	0.5898	0.097134	0.90918	-1.10042	0.233313	0.110494	-9.0503	0.744351	0.779557	1.77957	0.562109	0.596104	0.596104	0.346586	0.338429	-2.95483	0.709466	34.9135	43.7431	1
cg24665320	CDC16;CDC16;CDC16;CDC16	0.691167	0.456616	0.489034	-2.04485	0.728252	1.39931	1.39931	0.643232	1.55475	1.55475	0.767042	0.755557	-1.32353	0.393164	0.438101	-2.28258	0.673828	0.670709	-1.49096	0.167295	0.41054	0.41054	0.718199	0.710404	-1.40765	0.296506	0.27674	2.77674	0.709465	10.0028	12.5325	1
cg14883448	KIAA1826;KIAA1826	0.691176	0.100587	3.78512	3.78512	0.37091	0.506649	-1.97375	0.871482	0.887084	-1.12729	0.415385	1.85164	1.85164	0.690964	1.34409	1.34409	0.938469	1.05878	1.05878	0.675822	0.735065	1.36011	0.497092	1.71065	1.71065	0.712859	1.31462	1.31462	0.709452	0.51361	0.71	1
cg25617691	PRKAA2	0.691277	0.866898	1.04239	1.04239	0.546622	1.18243	1.18243	0.415728	1.2863	1.2863	0.244045	1.35212	1.35212	0.459543	0.825061	-1.21203	0.836934	0.950268	-1.05233	0.309329	0.770732	-1.29747	0.348744	0.787608	-1.26967	0.81984	1.05809	1.05809	0.709451	0.688396	0.862508	1
cg11487526	PITPNM3;PITPNM3	0.69118	0.166309	0.122343	-8.17377	0.154464	0.114225	-8.75467	0.42089	0.310227	-3.22345	0.388734	0.284398	-3.51619	0.208123	0.151209	-6.61337	0.992647	0.987498	-1.01266	0.486441	0.365459	-2.73628	0.618905	0.489795	-2.04167	0.572086	0.443671	-2.25392	0.709447	22.7662	28.5245	1
cg21668832	LRRC16A	0.691284	0.437363	1.47826	1.47826	0.31008	0.749675	-1.33313	0.593005	0.790252	-1.26223	0.933981	0.855004	-1.16932	0.492883	0.833052	-1.20055	0.676944	1.19859	1.19859	0.102382	0.497158	2.01186	0.216869	1.75244	1.75244	0.587391	1.26671	1.26671	0.709575	1.26671	1.59107	1
cg09963962	NAALADL1	0.691202	0.979493	1.01784	1.01784	0.220306	2.4266	2.4266	0.236452	2.34745	2.34745	0.826966	0.860197	-1.16252	0.240037	0.42903	-2.33084	0.627605	0.744131	-1.39972	0.866067	0.890372	-1.12313	0.588053	1.45554	1.45554	0.75597	1.80699	-1.23917	0.709415	5.31655	6.66157	1
cg14672154	LOC285205	0.691205	0.447368	1.54993	1.54993	0.96802	0.977515	-1.023	0.213713	0.475829	-2.10159	0.339635	1.74766	1.74766	0.823158	0.880886	-1.13522	0.266333	0.518412	-1.92897	0.879707	0.917679	-1.08971	0.460525	0.652982	-1.53144	0.621247	1.32647	1.32647	0.70996	3.6182	4.53008	1
cg25858655	C2CD2;C2CD2	0.691209	0.554571	0.779054	-1.28361	0.372141	0.68199	-1.4663	0.167378	0.54077	-1.84921	0.876409	1.06717	1.06717	0.131932	0.507014	-1.97233	0.718747	1.16307	1.16307	0.433962	0.716418	-1.39583	0.884325	0.941003	-1.0627	0.572608	0.788087	-1.2689	0.709405	0.190033	2.45631	1
cg26607897	CREG1	0.691221	0.16704	0.327701	-3.05073	0.367754	0.496323	-2.01482	0.217665	0.374559	-2.66981	0.995301	1.00447	1.00447	0.222133	0.378499	-2.64201	0.758298	0.791595	-1.26327	0.919975	0.926574	-1.07924	0.610383	1.47564	1.47564	0.985679	0.986502	-1.01368	0.709389	0.64129	0.807115	1
cg06199058	NEC4B2	0.691229	0.608373	1.4162	1.4162	0.501425	1.47557	1.47557	0.364357	1.4997	1.4997	0.231646	1.97139	1.97139	0.179407	2.61241	2.61241	0.713872	1.32907	1.32907	?	0.747248	1.49507	1.49507	0.194031	2.85988	2.85988	0.412068	1.95307	0.117741	2.51144	2.51144	0.709413	0.705555	0.884208	0.412068	1
cg04305062	KIF6	0.691235	0.125349	0.256953	-3.89176	0.738849	1.31531	1.31531	0.602676	0.650371	-1.53758	0.403023	0.496083	-2.01579	0.132243	0.264276	-3.78392	0.83046	0.838918	1.19201	0.900056	0.902196	-1.10841	0.535793	0.598317	-1.67136	0.986295	0.985535	-1.01365	0.709368	7.53875	9.4466	1
cg04569977	DENND1C	0.691243	0.661561	1.44197	1.44197	0.45925	1.30206	1.30206	0.359999	0.823703	-1.21419	0.809202	-1.23579	0.806153	0.802874	-1.24552	0.811397	0.774803	0.720555	-1.38782	0.862167	0.853789	1.17128	0.853789	0.899202	1.11206	0.710634	-1.39483	0.709331	0.511229	0.611299	0.771	1
cg10140613	IL12RB1;IL12RB1	0.691254	0.372782	1.23366	1.23366	0.666891	0.905405	-1.10448	0.374131	0.811104	-1.23289	0.82966	1.05069	1.05069	0.450641	0.975685	1.02492	0.34662	1.800583	-1.24909	0.263954	0.765501	-1.30633	0.175892	0.717894	-1.39121	0.742132	0.927027	1.07872	0.709342	0.591657	0.741416	1
cg03023068	SLC30A3	0.691259	0.095245	8.08376	8.08376	0.391545	2.69105	2.69105	0.827534	1.27787	1.27787	0.445375	2.40266	2.40266	0.753452	1.425	1.425	0.14062	5.94832	5.94832	0.724078	1.48953	1.48953	0.681262	1.59105	1.59105	0.543126	1.99933	1.99933	0.709299	13.8811	15.2213	1
cg20079898	RPN2;C20orf132;C20orf132;C20orf132	0.691273	0.436245	1.26318	1.26318	0.695864	1.1225	1.1225	0.967282	0.988007	-1.01214	0.32922	0.743643	-1.34473	0.702785	0.893

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg05125483	DHX16;DHX16		0.692188	0.839255	0.912789	-1.09554	0.752612	0.81265	1.15265	0.164376	1.9475	1.9475	0.285292	0.607374	-1.64643	0.525327	0.748996	-1.33512	0.96709	1.01871	1.01871	0.966966	0.981566	-1.01878	0.302278	1.61971	0.545792	1.31609	0.70801	2.26318	2.84161	1
cg19100357	SRP14		0.692189	0.467604	1.23862	1.23862	0.64038	0.872643	-1.14594	0.206888	1.47022	1.47022	0.406069	1.27903	1.27903	0.694557	1.28721	1.28721	0.96303	0.986669	-1.01351	0.553771	0.840782	-1.18937	0.691167	0.890818	-1.12256	0.237582	1.43079	1.43079	0.708008	0.940026	1.18018	1
cg22627390	JAM2;JAM2		0.692216	0.538574	1.11117	1.11117	0.733931	1.05946	1.05946	0.800867	1.04372	1.04372	0.919446	1.01727	1.01727	0.311705	0.837628	-1.19385	0.978783	0.995508	-1.00451	0.177913	0.784771	-1.27426	0.274275	1.21238	1.21238	0.534944	0.899083	-1.11224	0.70797	0.321363	0.403486	1
cg15469704	SLC20A2		0.692221	0.365544	0.855182	-1.16934	0.850905	0.970541	-1.03835	0.191455	0.793278	-1.26202	0.870175	0.972852	-1.02791	0.180109	0.780995	-1.27066	0.550527	0.903363	-1.10692	0.494094	1.12367	1.12367	0.52306	0.890688	-1.11507	0.323924	0.842461	-1.187	0.707962	0.317484	0.39862	1
cg02662180	RR1BP		0.692237	0.714624	0.896695	-1.11521	0.262516	0.706895	-1.41464	0.115973	0.602138	-1.66075	0.344572	0.748964	-1.33518	0.646164	1.14712	1.14712	0.866738	1.05113	1.05113	0.893898	0.961153	-1.04042	0.62459	0.863779	-1.1577	0.323162	0.738287	-1.3535	0.70794	0.988464	1.24111	1
cg16704073	GPHA2 PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B;PPP1R1		0.692242	0.638178	1.34028	1.34028	0.0469497	4.08041	-4.08041	0.406454	1.60968	1.60968	0.652339	1.32369	1.32369	0.761006	1.2076	1.2076	0.745768	1.22282	1.22282	0.39826	1.7009	1.7009	0.781641	1.18746	1.18746	0.880309	1.09765	1.09765	0.709933	4.28089	5.38267	1
cg08090198	2B		0.692247	0.746834	0.969946	-1.03099	0.394737	1.08559	1.08559	0.454137	1.07448	1.07448	0.695402	1.03777	1.03777	0.186158	1.14116	1.14116	0.732352	0.968176	-1.03287	0.234856	0.889314	-1.12446	0.758157	1.0291	1.0291	0.536526	1.06074	1.06074	0.707926	0.09951124	0.12495	1
cg21083965	CALCA;CALCA;CALCA		0.692266	?	?	?	0.354331	1.17216	1.72016	0.150419	2.41829	2.41829	0.818738	0.877979	-1.13898	?	0.790343	1.16308	1.16308	0.834805	0.890457	-1.12302	?	?	0.790343	1.16308	1.16308	0.834805	0.883365	-1.12566	0.649643	2.15695	3.87359	1
cg10900537	FOXN3;FOXN3		0.69227	0.651079	0.77231	-1.29482	0.919345	0.944143	-1.05916	0.231538	2.03831	2.03831	0.84706	1.11581	1.11581	0.261857	0.514081	-1.94246	0.919193	1.05928	1.05928	0.256016	0.510247	-1.95983	0.522153	1.44503	1.44503	0.557467	1.40027	1.40027	0.707892	3.61051	4.53366	1
cg04959846	SHC1;SHC1;SHC1;SHC1		0.692278	0.9449	0.981181	1.01966	0.918345	1.05557	1.05557	0.716265	1.14787	1.14787	0.596814	1.86352	1.86352	0.0185205	3.00232	3.00232	0.599704	0.864553	-1.15662	0.130012	1.31824	1.31824	0.0982457	1.49357	1.49357	0.707881	0.847026	1.06361	1.06361	1
cg03745002	TOX3;TOX3		0.692288	0.218801	2.60019	2.60019	0.219553	2.59573	2.59573	0.148384	3.14369	3.14369	0.37898	1.94812	1.94812	0.884968	1.11289	1.11289	0.287768	2.26219	2.26219	0.38307	1.93648	1.93648	0.728994	1.29301	1.29301	0.625494	1.43825	1.43825	0.707868	6.11993	7.68497	1
cg08492102	FNTA;FNTA;FNTA		0.692289	0.218394	10.58727	10.58727	?	?	?	?	?	?	?	2.64954	2.64954	0.649545	2.21058	2.21058	?	?	0.509883	3.21873	3.21873	?	?	0.726024	0.544356	-1.8371	0.867203	0.749528	-1.33417	0.627686	14.3441	18.1544	1
cg23290207	COIL;1		0.692305	0.248694	2.16798	2.16798	?	?	0.530112	1.49709	1.49709	?	?	?	?	?	?	?	?	?	?	0.967986	1.02567	1.02567	0.455234	1.62173	1.62173	?	?	0.574178	1.53508	1.53508	1
cg23784912	ZNF519		0.692308	0.780316	0.956649	-1.04532	0.858053	1.02878	1.02878	0.547273	1.1015	1.1015	0.829193	1.12978	1.12978	0.506792	0.898566	-1.11288	0.254578	0.827172	-1.20894	0.293123	0.840485	-1.18979	0.832703	0.96705	-1.03407	0.859447	1.02849	1.02849	0.707756	0.27549	0.302746	1
cg05153896	HNMP3		0.692329	0.313223	0.450645	-2.21954	0.0244777	0.415551	-2.40755	0.140295	0.726886	-1.37583	0.0678281	0.448577	-2.22959	0.0225463	0.331823	-3.01257	0.453837	0.565208	-1.76926	0.266774	0.41307	-2.4209	0.457835	0.78199	-1.27896	0.180784	0.503098	-1.98709	0.787167	0.56458	0.22058	1
cg01907644	DCTN4;DCTN4;DCTN4		0.692324	0.186032	1.2995	1.2995	0.595616	1.10526	1.10526	0.333595	1.20484	1.20484	0.944884	1.013	1.013	0.259056	1.2461	1.2461	0.998572	0.999666	-1.00033	0.618045	0.910348	-1.09848	0.483016	0.875283	-1.14249	0.378083	1.1841	1.1841	0.707816	0.393187	0.491511	1
cg24306047	LOC375150;PPM1J		0.692332	0.377455	1.30949	1.30949	0.490553	1.56849	1.56849	0.156894	0.950156	1.08612	1.08612	0.329831	1.37654	1.37654	0.723483	1.55912	1.55912	0.984035	1.02453	1.02453	0.712146	0.545856	-1.83205	0.917081	1.57959	1.57959	0.563237	1.0628	1.0628	0.707805	10.5769	24.5854	1
cg14874541	KALRN;KALRN		0.692376	0.0825985	1.3534525	1.82946	0.798819	0.671561	-1.71561	-1.14737	0.622577	1.65288	-1.36058	0.587068	0.743291	-1.34537	0.161302	0.4515159	-2.24639	0.535538	0.712166	-1.40417	0.903978	0.936793	-1.06747	0.86912	0.914646	-1.09332	0.396728	0.625313	1.0992	0.707742	3.28078	4.1205	1
cg25028996	PRMT5;PRMT5;PRMT5;PRMT5		0.692383	0.42818	1.26002	1.26002	0.159215	0.650596	-1.53705	0.561081	1.18285	1.18285	0.462211	0.807473	-1.23843	0.3867	0.776053	-1.28857	0.985	0.994643	-1.00539	0.490524	0.818642	-1.22154	0.533058	1.19769	1.19769	0.68808	0.891088	-1.12222	0.707732	0.9151112	1.14935	1
cg15697453	HLA-B		0.692388	0.0898422	1.50867	2.59867	0.232251	1.19506	1.37506	0.691925	0.821919	1.21666	0.32933	1.18351	1.18351	0.59101	1.30584	1.30584	0.743061	1.17563	1.17563	?	?	0.43247	1.84367	1.48167	0.332633	1.63497	1.63497	0.692253	2.35848	3.40647	1
cg26731651	C17orf37		0.692392	0.826154	0.950242	-1.05236	0.555436	0.87077	-1.14841	0.478736	0.846126	-1.18186	0.630352	1.11908	1.11908	0.306693	1.27831	1.27831	0.10803	1.50208	1.50208	0.999668	0.999904	-1.0001	0.716196	0.918776	-1.0884	0.968578	0.990902	-1.00918	0.707419	0.6034418	0.757887	1
cg04186868	NXPH4		0.692401	0.251323	0.659337	-1.51676	0.217046	0.670944	-1.49055	0.176252	0.623405	-1.60455	0.295355	0.622305	-1.60725	0.313319	0.795005	1.25737	0.622408	0.754584	-1.32551	0.353099	0.546916	-1.82854	0.183008	0.622408	0.707706	-1.60725	0.313319

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	Ratio(105T vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-057 vs. N)	Ratio(111T vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-127 vs. N)	Ratio(112T vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-121T vs. N)	Ratio(121T vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-477 vs. N)	Ratio(347T vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-537 vs. N)	Ratio(353T vs. N)	p-value(5377 vs. N)	Fold-Change(5-vs-537T 37T vs. N)	Ratio(537T vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-563T 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg21230547	WNK1	0.693317	0.144632	0.372281	-2.68634	0.673715	1.34936	1.34936	0.726263	0.802549	-1.24603	0.816352	0.863546	-1.15802	0.1021111	0.418649	-2.38864	0.583199	0.703861	-1.42074	0.295829	0.504777	-1.98107	0.748791	1.22461	1.22461	0.888783	1.09225	0.706401	4.4494	5.59884	1
cg05097455	KLHL18;KIF9;KIF9;KIF9	0.693334	0.603226	0.901344	-1.10945	0.306647	1.23323	1.23323	0.691048	1.08234	1.08234	0.19943	0.76449	-1.38906	0.534732	0.88281	-1.13275	0.862047	1.03505	1.03505	0.210015	0.769764	-1.2991	0.636727	0.910071	-1.09881	0.816482	0.954997	-1.04712	0.706377	0.438943	0.552356	1
cg12066398	PLA2G16;PLA2G16;PLA2G16	0.693338	0.815148	1.16566	1.16566	0.363355	1.84312	1.84312	0.47124	1.61559	1.61559	?	?	?	0.393449	0.564298	-1.77211	0.352652	0.534718	-1.87015	0.54816	1.48846	1.48846	0.650141	1.34834	1.34834	0.343136	0.527693	-1.89504	0.6909777	4.16751	6.03133	1
cg02403292	SUT3	0.693346	0.752193	1.53723	1.53723	0.69366	0.584275	-1.71152	0.194074	0.4561	0.4561	0.513971	0.45577	0.45577	0.25237	0.197302	-5.06824	0.511298	1.404818	-2.47025	?	?	?	0.690829	0.583715	-1.7206	0.781126	0.685164	-1.4595	0.6909766	17.924	25.9405	1
cg04836214	KCNB1	0.693356	0.456019	0.74118	-1.40021	0.51672	0.747142	-1.33843	0.872132	1.07403	0.74053	0.95001	1.02482	1.02482	0.179844	0.53174	-1.88062	0.746456	0.866027	-1.1547	0.0850998	0.42993	-2.32596	0.940018	0.967183	-1.03193	0.801499	0.894136	-1.11817	0.706345	2.19932	2.7677	1
cg25876975	TSPAN3;TSPAN3;TSPAN3	0.693357	0.288083	0.881229	-1.13478	0.589301	1.06447	1.06447	0.537655	0.930953	-1.07417	0.640749	0.947547	-1.05536	0.261159	0.874291	-1.14378	0.969473	0.995623	-1.0044	0.740266	1.03887	1.03887	0.208767	1.16405	1.16405	0.805689	1.02866	1.028666	0.706344	0.147022	0.185017	1
cg06743782	ROR1;ROR1	0.693369	0.314693	0.51078	-1.95779	0.151145	2.702	2.702	0.835505	1.1438	1.1438	0.323226	0.517214	-1.93343	0.421875	0.58852	-1.69918	0.858205	0.890871	-1.1225	0.843385	0.880018	-1.13634	0.64188	0.738866	-1.35343	0.649583	0.744115	-1.34388	0.706327	4.67069	5.87791	1
cg04651042	SPIN4	0.693382	0.320098	0.454805	-2.19875	0.120124	0.274445	-3.64372	0.1881125	0.336674	-2.97074	0.462732	0.563577	-1.77496	0.380244	0.501451	-1.99421	0.444083	0.549716	-1.8193	0.314569	0.45047	-2.21991	0.567739	0.642001	-1.55715	0.668789	0.718894	-1.39103	0.706309	6.57885	8.27948	1
cg13661480	MKI67IP	0.693391	0.866858	0.947698	-1.05519	0.489718	1.25188	1.25188	0.681663	1.04608	1.04608	0.750525	0.902919	-1.10752	0.676784	0.951539	-1.05093	0.268835	1.445835	1.44585	0.980868	0.992034	-1.00813	0.11772	0.58047	-1.72274	0.485939	1.25441	1.25441	0.706293	1.14654	1.44296	1
cg14339287	TECR;MIR639	0.693393	0.505838	0.79351	-1.26022	0.484518	1.27556	1.27556	0.42635	1.32085	1.32085	0.496045	1.26719	1.26719	0.399131	0.74398	-1.34412	0.471448	0.778047	-1.28527	0.180103	1.62858	1.62858	0.984097	1.00685	1.00685	0.832762	0.930116	-1.07513	0.706293	1.31301	1.65246	1
cg04135043	FAM160B	0.693396	0.731277	0.805614	-1.24128	0.638406	1.56615	1.56615	0.768483	1.29566	1.29566	0.768483	1.58749	1.58749	0.845218	2.116411	0.887737	0.707455	0.913411	-1.09483	0.558443	0.554918	-1.80207	0.378745	0.503388	-1.75627	0.594738	1.39775	1.39775	0.706288	4.35078	5.47561	1
cg01739593	ROBO1;ROBO1;ROBO1;ROBO1	0.693401	0.881062	1.04004	1.04004	0.344363	1.29095	1.29095	0.966404	0.989018	-1.01011	0.614086	0.87519	-1.14261	0.81938	1.0618	1.0618	0.785495	1.07415	1.07415	0.272729	1.34892	1.34892	0.645617	1.12908	1.12908	0.0834308	1.65271	1.65271	0.706281	0.768975	0.967792	1
cg19433435	FEZ1;FEZ1	0.693409	0.790526	1.12646	1.12646	0.427243	1.19327	1.19327	0.208607	0.64003	0.64003	0.347679	1.43457	1.43457	0.247447	0.886408	-1.12815	0.653584	0.845646	-1.18253	0.759616	0.891777	-1.12136	0.496315	0.72726	-1.29406	0.238717	1.59491	1.59491	0.706277	1.55799	1.96084	1
cg22097276	FBF1;FBF1	0.693415	0.671059	1.14308	1.14308	0.66598	0.872888	-1.14562	0.576637	0.838148	-1.19331	0.581001	0.839876	-1.19065	0.215107	0.664668	-1.50451	0.732446	1.1134	1.1134	0.24267	1.08207	-1.46612	0.218796	0.667066	-1.4991	0.586722	1.18746	1.18746	0.706261	1.09606	1.37948	1
cg08372326	HABP4	0.693422	0.705233	0.950625	-1.05194	0.072519	0.765676	-1.30603	0.785724	0.964341	-1.03698	0.808971	1.01846	1.01846	0.947516	0.991267	-1.00881	0.755685	1.04247	1.04247	0.365792	0.885349	-1.1318	0.419767	0.895979	-1.1161	0.663308	1.0601	1.0601	0.706252	0.198584	0.249938	1
cg08320166	RNF216;RNF216	0.693439	0.780883	1.70191	1.70191	0.768648	0.596238	-1.67718	0.699863	1.02509	1.02509	0.75572	1.10759	1.10759	0.694814	1.21588	-1.21588	0.758534	1.80883	1.80883	0.424528	1.80516	1.80516	0.402019	1.52084	1.52084	0.126951	1.41423	1.41423	0.706241	0.242821	0.321486	1
cg14013040	AKAP2;PALM2-AKAP2;PALM2-AKAP2	0.693445	0.603782	1.25911	1.25911	0.476177	1.37551	1.37551	0.138779	2.01631	2.01631	0.617678	1.24789	1.24789	0.20381	1.80441	1.80441	0.286091	1.62829	1.62829	0.199626	1.81548	1.81548	0.664638	1.21181	1.21181	0.921277	1.04446	1.04446	0.706211	2.16614	2.72646	1
cg05257674	GNB1;GNB1	0.693463	0.815618	1.09775	1.09775	0.48911	0.75449	-1.32572	0.286672	0.642901	-1.55545	0.780057	1.11243	1.11243	0.405946	1.40421	1.40421	0.779648	1.1185	1.1185	0.19198	1.48192	1.48192	0.804242	0.905098	-1.10424	0.212	0.591593	-1.69035	0.706185	1.78309	2.24441	1
cg16887170	SLC47A1	0.693474	0.223859	0.310148	-3.22934	0.604284	1.11621	1.11621	0.662438	1.49397	1.49397	0.630718	0.642336	-1.55682	0.157418	0.251162	-3.98149	0.557821	0.581772	-1.71889	0.208712	0.297868	-3.3572	0.587583	0.606269	-1.64943	0.463648	0.50576	-1.97722	0.706178	9.34089	11.7577	1
cg19307584	CHN2	0.693481	0.550287	1.52666	1.52666	0.125371	3.19377	3.19377	0.108803	3.40202	3.40202	0.890716	1.10102	1.10102	0.742205	0.79368	-1.25995	0.906387	1.08584	1.08584	0.640589	1.38981	1.38981	0.702119	1.30867	1.30867	0.632242	1.40149	1.40149	0.706165	5.48094	6.89916	1
cg14439004	LOC651250	0.693484	0.961163	1.03024	1.03024	0.70796	0.635806	-1.57275	0.7444	0.91052	1.09837	0.744644	0.10252	2.98364	0.189483	1.70441	-1.70441	0.962063	0.972499	1.02796	0.882468	1.03412	1.03412	1.004	0.86746	-1.15258	0.863405	0.86746	-1.15258	0.863405	0.706162	4.18685	5.27024	1
cg10251465	RTN2;RTN2;RTN2	0.693502	0.322858	2.07072	2.07072	0.274176	2.2503	2.2503	0.36423	1.94036	1.94036	0.790156	1.20909	1.20909	0.279108	1.65312	-1.65312	0.496493	1.63583	1.63583	0.86941	1.1229	1.1229	0.119551	3.3284	3.3284	0.779386	1.22162	1.22162	0.706138	5.68243	7.15305	1
cg20064778	GSTT1	0.693512	0.874401	1.12121	1.12121	0.52709	0.749755	-1.33355	0.633602	0.796468	1.25518	0.633602	0.5668	1.76368	0.834179	0.785371	-1.27328	0.108947	0.736456	1.35806	0.0159002	0.619303	-1.61459	0.0419402	0.599502	-1.66802	0.0159002	0.619303	-1.61459	0.0419402	0.599502	-1.66802	1
cg06441285	TIMP2	0.693528	0.719656	1.25047	1.25047	0.0802327	0.300134	-3.33185	0.169781	0.403767	-2.47668	0.759024	0.826284	-1.21024	0.817092	0.866169	1.15451	0.81457	1.864417	-1.15685	0.868585	0.902404	-1.10815	0.75981	0.826818	-1.20946	0.572642	0.702199	-1.4241	0.706101	4.30094	5.41433	1
cg06575483	LOC102270746;C6orf41	0.693531	0.723137	1.09245	1.09245	0.927159	1.022283	1.022283	0.371662	0.797355	1.07577	1.07577	0.634969	0.674829	-1.48106	0.243742	2.09007	0.538158	1.17096	1.17096	0.402299	1.2254	1.2254	0.559119	1.15701	1.15701	0.700895	0.909115	-1.09997	0.706095	0.681591	0.858042	1
cg24868359	GRIK1;GRIK1	0.693541	0.882007	1.04358	1.04358	0.90219	1.68197	1.68197	0.208158	0.748858	1.33582	0.748858	0.81867	1.22211	0.68059	0.880532	-1.13698	0.840977	1.02847	1.02847	0.914435	0.910933	-1.09801	0.832549	0.940602	-1.06327	0.464047	1.07202	-1.46407	0.706084	1.60284	2.28641	1
cg15695478	SYNJ2;SYNJ2	0.693554	0.998759	1.00113	1.00113	0.231329	1.49395	1.49395	0.0778368	4.16373	4.16373	0.998421	0.998561	-1.00144	0.934658	0.942061	-1.0615	0.879386	1.11687	1.11687	0.650063	0.737164	-1.39438	0.931272	0.939143	-1.0648	0.810224	0.839362	-1.19138	0.706063	5.92483	7.45899	1
cg06529552	FABP6;FABP6	0.693556	0.926763	0.973413	-1.02703	0.238904	0.77582	-1.28868	0.473405	0.889414	-1.23546	0.142378	0.650233	-1.53704	0.0204	0.0313	-31.9339	0.778644	1.1185	1.1185	0.19198	1.48192	1.48192	0.804242	0.905098	-1.10424	0.212	0.591593	-1.69035	0.706185	1.78309	2.24441	1
cg20937026	TIMP3	0.693583	0.556047	0.649702	-1.53917	0.159988	0.333128	-3.00185	0.26588	0.481382	-2.31553	0.724725	1.29183	1.29183	0.960284	0.652792	-1.53198	0.478657	0.59355	-1.68478	0.259558	0.42665	-2.34384	0.597001	0.741771	0.74171	-1.34807	0.706021	1.86487	7.38394	1
cg14572750	WNT5B;WNT5B	0.693587	0.726237	1.20225	1.20225	0.499369	0.698164	-1.43233	0.145757	0.26686	2.26686	0.626956	0.773645	-1.29258	0.663681	0.795122	-1.25767	0.65916	0.792479	-1.26186	0.501876	0.699674	-1.42924	0.500111	0.698611	-1.43141	0.383399	1.59737	1.59737	0.706016	3.07019	3.86544	1
cg09950164	PAC51	0.693596	0.786148	0.923633	-1.0796	0.635806	0.776575	-1.1438	0.106985	0.64212	-1.5602	0.284137	0.788653	1.26806	0.774186	0.64285	-1.55604	0.676754	0.861199	-1.16111	0.359526	0.638445	-1.5658	0.994603	0.994603	-1.0158	0.994603	1.00189	0.821711	0.938409	0.765503	0.886093	1.11676	1
cg13668314	PIP5K1	0.693612	0.597496	0.810007	-1.23456	0.410246	0.716763	-1.39516	0.478835	1.32938	1.32938	0.650205	1.19786	1.19786	0.959938	1.02311	1.02311	0.814135	1.09761	1.09761	0.149889	0.534098	-1.84129	0.310759	1.51397	1.51397	0.740294	1.14059	1.14059	0.705981	1.74852	2.20153	1
cg18147280	PDX1	0.693623	0.874401	1.12121	1.12121	0.52709	0.749755	-1.33355	0.633602	0.796468	1.25518	0.633602	0.5668	1.76368	0.834179	0.785371	-1.27328	0.108947	0.736456	1.35806	0.0159002	0.619303	-1.61459	0.0419402	0.599502	-1.66802	0.0159002	0.619303	-1.61459	0.0419402	0.599502	-1.66802	1
cg21375204	CLIP2;CLIP2	0.693617	0.397232	2.10115	2.10115	0.138098	3.92593	3.92593	0.40647	2.06966	2.06966	0.390387	2.12514	2.12514	0.258023	2.74816	2.74816	0.241387	2.85875	2.85875	0.479695	1.85044	1.85044	0.404229	2.07721	2.07721	0.890257	1.888476	-1.12552	0.705973	2.02084	10.3282	1
cg07059875	EPCAM	0.693633	0.703667	0.754672	-1.32508	0.374998	1.95548	1.95548	0.228495	2.53678	2.53678	0.408	1.86516	1.86516	0.307124	0.459011	-2.1786	0.853248	0.872509	-1.14612	0.310447	0.626224	-1.59687	0.524501	0.60802	1.60804	0.68401	0.740475	-1.35048	0.705955	0.606518	0.736985	1
cg02222066	CYTH1;CYTH1	0.693632	0.946557	1.02902	1.02902	0.792324	0.924955	1.08105	0.843243	0.977108	1.02329	0.843243	0.98369	1.01705	0.967468	0.963569	-1.03772	0.978728	1.02197	1.02197	0.910433	0.915331	1.09255	0.653178	0.8331	1.20025	0.654304	0.85408	1.17092	0.705954	0.535408	0.615249	1
cg08803144	ATIC	0.693645	0.924755	1.02038	1.02038	0.680446	0.915355	-1.09247	0.537028	0.875031	-1.14282	0.240597	1.30002	1.30002	0.547611	1.13878	1.13878	0.333206	0.808016	-1.2376	0.606668	0.895021	-1.11729	0.306058	1.25398	1.25398	0.471426	0.855174	-1.16935	0.705934	0.509937	0.642095	1
cg09060316	HDAC9;HADHA	0.693655	0.715063	0.812464	1.23104	0.560804	0.749935	-1.33294	0.69171	0.894294	-1.11834	0.227746	0.884375	-1.13066	0.372735	0.848575	-1.17877	0.860527	0.902798	-1.1077	0.614466	0.872757	-1.14597	0.377077	0.875757	-1.14207	0.0204	1.02264	-1.78645	0.10983	0.705928	0.231328	0.291283	1
cg18065686	SLC25A37	0.693654	0.448141	0.529834	-1.88738	0.785974	1.25063	1.25063	0.929187	1.07577	1.07577	0.634969	0.674829	-1.48106	0.243742	2.09007	0.538158	1.17096	1.17096	0.402299	1.2254	1.2254	0.559119	1.15701	1.15701	0.700895	0.909115	-1.09997	0.706095	0.681591	0.858042	1
cg24787238	MAD1L1;MAD1L1;MAD1L1	0.693657	0.590588	1.3386	1.3386	0.0783249	2.85806	2.85806	0.506087	1.43659	1.43659	0.754901	1.18312	1.18312	0.694527	1.23606	1.23606	0.239813	1.93654	1.93654	0.808538	1.11923	1.11923	0.581511	1.3484	1.3484	0.604768	0.755518	-1.32359	0.705916	3.22349	4.05902	1
cg13401071	AGBL4	0.693658	0.56593	0.812464	-1.23104	0.560804	0.749935	-1.33294	0.69171	0.894294	-1.11834	0.227746	0.884375	-1.13066	0.372735	0.848575	-1.17877	0.860527	0.902798	-1.1077	0.614466	0.872757	-1.14597	0.377077	0.875757	-1.14207	0.0204	1.02264	-1.78645	0.10983	0.705928	0.231328	0.291283	1
cg05652666	PTPN22;PTPN22;PTPN22	0.693674	0.767322	0.950632	-1.05193	0.901307	1.02139	1.02139	0.780785	0.953511	-1.04876	0.406063	0.86499	-1.15608	0.651955	0.772366	2.29472	0.334886	0.843924	-1.18494	0.288868	1.20667	1.20667	0.831327	1.03707	1.03707	0.681387	1.07298	1.07298	0.705892	0.325503	0.409886	1
cg07707586	RAB27A;RAB27A;RAB27A	0.693677	0.317432	0.516008	-1.93782	0.0922323	0.484943	0.777038	0.0922323	0.833725	-1.20035	0.0922323	0.807437	1.23864	0.0922323	0.819435	-1.22032	0.303003	0.607005	-1.64747	0.0922323	0.819435	-1.22032	0.0922323	0.819435	-1.22032	0.0922323	0.819435	-1.22032	0.0922323	0.819435	-1.22032	1
cg01662869	MGRN1;MGRN1;MGRN1;MGRN1	0.693682	0.237019	0.509448	-1.96291	0.251099	0.9209	1.9209	0.777048	1.16713	1.16713	0.446968	0.655756	-1.52496	0.305199	0.561015	-1.78248	0.795044	0.852721	1.1605	0.0966	0.0313	-31.9339	0.778644	1.1185	1.1185	0.19198	1.48192	1.48192	0.804242	0.905098	-1.10424	0.212	0.591593	-1.69035	0.706185	1.78309	2.24441	1
cg07050616	FLJ41350	0.693684	0.690851	1.57653	1.37653	0.624266	0.619299	-1.61512	0.0922323	0.819435	-1.22032	0.0922323	0.807437	1.23864	0.0922323	0.819435	-1.22032	0.303003	0.607005	-1.64747	0.0922323	0.819435	-1.22032	0.0922323	0.819435	-1.22032	0.0922323	0.819435	-1.22032	0.0922323	0.819435	-1.22032	1
cg14651528	GRID2IP	0.693685	0.340422	0.0901696	-2.91995	0.592395	0.786734	-1.27108	0.881382	0.693729	-1.44149	0.517883	0.814504	-1.22814	0.0204	0.0313	-31.9339	0.778644	1.1185	1.1185	0.19198	1.48192	1.48192	0.804242	0.905098	-1.10424	0.212	0.591593	-1.69035	0.706185	1.78309	2.24441	1
cg19645103	YEATS4;YEATS4	0.693689	0.955191	1.01526	1.01526	0.636063	1.13712	1.13712	0.585083	1.16023	1.16023	0.467964	0.819489	-1.22027	0.687939	1.11499	1.11499	0.687554	0.896744	-1.11515	0.110592	0.625805	-1.59794	0.783963	1.07689	1.07689	0.364567	1.28551	1.28551	0.705869	0.812369	1.023	1
cg03135087	COMT;COMT;COMT;COMT;COMT	0.693696	0.440537	0.714434	-1.39956	0.376562	0.747258	-1.33826	0.0903695	0.519388	-1.92511	0.0903695	0.781615	-1.28006	0.711686	1.39559	1.39559	0.707455	0.861199	-1.16111	0.359526	0.638445	-1.5658	0.994603	0.994603	-1.0158	0.994603	1.00189	0.821711	0.938409	0.765503	0.886093	1.11676	1
cg22370235	GAL	0.693699	0.400089	0.443414	-2.25523	0.880645	0.867745	-1.15241	0.174984	0.90381	0.90381	0.686133	0.68143	-1.4675	0.559115	0.572509	-1.7467	0.69226	0.686889	-1.45584	0.912055	0.900946	-1.10994	0.632207	1.57661	1.57661	0.223618	0.34395	0.34395	0.705857	0.96496	12.5489	1
cg20698708	MTUS1;MTUS1;MTUS1;MTUS1	0.693712	0.173424	0.340357	-2.92794	0.0726535	0.824207	-1.21319	0.381624	1.83957	1.83957	0.996568	1.00287	1.00287	0.305629	0.492836	-2.02907	0.502023	0.54571	-1.83207	0.315057	0.500079	-1.99968	0.953245	0.953275	-1.04918	0.953275	0.953275	-1.04918	0.953275	0.705829	0.476497	0.616202	1
cg12270146	ZNF808	0.693715	0.242337	0.797674	-1.25364	0.175528	1.01932	1.01932	0.421826	1.16368	1.16368	0.455043	0.868864	-1.15093	0.359949	1.78971	1.78971	0.618464	0.911418	1.09719	0.236127	1.23259	1.23259	0.687497	0.72758	1.37558	0.735252	1.06471	1.06471	0.705834	0.381524	0.480471	1
cg26259575	TUB8	0.693734	0.322485	0.856142	-1.16803	0.654158	1.07093	1.07093	0.683365	0.939579	-1.06431	0.878609	1.0235	1.0235	0.178988	1.2423	1.2423	0.700552	1.06049	1.06049	0.232041	0.826558	-1.20984	0.745934	1.05065	1.05065	0.792387	0.960703	-1.0409	0.705807	0.258184	0.325156	1
cg27858364	DR1;DR1	0.693735	0.907383	1.10222	1.10222	0.554824	1.11615	1.11615	0.874943	1.12466	1.12466	0.709972	1.02683	1.02683	0.915531	1.15131	1.15131	0.764768	0.963569	1.03757	0.733478	0.837437	1.19433	0.510153	0.85133	1.17407	0.599561	0.912154	1.09613	0.705806	0.383112	0.480223	1
cg06320418	METRN	0.693736	0.795424	0.873867	-1.14434	0.987165	0.991688	-1.00838	0.602418	1.31354	1.31354	0.7748	1.1605	1.1605	0.256424	0.540809	-1.84908	0.430356	0.658572	-1.51884	0.166586	0.465187	-2.14967	0.263179	0.54591	-1.8318	0.718351	1.20676	1.20676	0.705805	3.00994	3.79072	1
cg13731953	GDPD5	0.693744	0.219749	1.3134	1.3134	0.188026	0.744746	-1.34274	0.622539	0.849442	-1.17738	0.536896	0.876253	-1.14122	0.849414	1.04097	1.04097	0.207998	1.04072	1.04072	0.717389	1.07982	1.07982	0.849443	1.17401	1.17401	0.579376	0.887701	-1.12639	0.705799	0.498909	0.628331	1
cg12508624	THY1	0.693746	0.06363616	0.6969669	-1.43478	0.92824	0.984546	-1.0157	0.456982	0.807238	-1.33994	0.289102	0.826737	-1.20957	0.432335	0.870614	1.14861	0.712095	0.937918	-1.06619	0.548619	0.814504	1.22802	0.582505	0.907937	-1.1014	0.524536	0.898897	1.11247	0.705799	0.334196	0.420089	1
cg26704579	CYP1A1	0.693751	0.829237	1.0289	1.0289	0.786472	1.03646	1.03646	0.890824	0.98205	-1.01828	0.438359	1.10988	1.10988	0.992642	1.27641	1.27641	0.555523	0.992671	-1.00738	0.406902	1.11839	1.11839	0.234271	1.17874	1.17874	0.727857	0.954972	-1.04715	0.705783	0.194429	0.244872	1
cg16377756	PTGS	0.693753	0.966134	1.56014	1.56014	0.407384	1.50576	1.50576	0.931672	1.51872	1.51872	0.931077	1.20326	1.20326	0.914334	1.17203	1.17203	0.270614	1.11511	1.1284	0.937947	0.963332	-1.03806	0.274882	1.72322	1.72322	0.459324	1.43465	1.43465	0.705769	2.565	3.20852	1
cg00528464	TXNDC12;KTI12	0.69377	0.945	1.0118	1.0118	0.53427	0.898281	-1.11324	0.411171	1.15364	1.15364	0.4081	1.15477	1.15477	0.697193	1.07007	1.07007	0.777372	1.04939	1.04939	0.100352	0.736283	-1.35817	0.793588	1.04561	1.04561	0.954286	1.0098	1.0098	0.705756	0.323287	0.407175	1
cg27022201	PIKFYVE;PIKFYVE;PIKFYVE;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg21667998	ORSL2	0.694421	0.389425	0.526524	-1.89925	0.200649	0.374166	-2.67261	0.57855	0.664902	-1.50288	0.648609	0.716289	-1.39609	0.745756	0.780295	-1.26505	0.244585	0.412587	-2.42373	0.134502	0.309253	-3.2336	0.248917	0.415237	-2.40248	0.664403	0.727991	-1.37364	0.704828	5.90458	7.44652	1
cg22042996	TUSC3;TUSC3	0.694426	0.564802	0.807766	-1.23798	0.104777	0.521897	-1.91609	0.964381	1.000162	1.00162	0.227932	0.628627	-1.59077	0.591298	0.819695	-1.21997	0.761229	0.894232	-1.11828	0.414421	1.358	0.9173	0.960585	-1.04103	0.893543	0.952075	-1.05034	0.704822	1.50187	1.89409	1
cg13050070	GPC6	0.694428	0.200305	0.290638	-3.44071	0.464801	0.50686	-1.97293	0.983839	1.03867	1.01867	0.725446	0.724655	-1.37997	0.210018	0.299202	-3.34222	0.384803	0.443131	-2.25667	0.466302	0.508059	-1.96827	0.194007	0.285027	-3.50844	0.261953	0.34354	-2.91087	0.704818	9.31318	11.7454	1
cg10135231	EPHA3;EPHA3	0.694435	?	?	?	0.354339	?	-2.35017	0.42814	0.484117	-2.06561	0.693477	0.43003	1.43003	0.760901	0.787972	-1.26908	?	?	?	0.114884	0.214936	-4.65255	0.859573	0.853166	-1.1721	0.682025	0.601146	1.44687	0.670147	6.63821	11.3207	1
cg25999604	XRCC3;XRCC3;XRCC3	0.694455	0.727754	0.732858	-1.36452	0.784638	1.27585	1.27585	0.123799	0.40328	2.48328	0.4033	0.233	2.33816	0.23816	0.483401	0.530764	-1.88408	0.75544	0.757396	-1.32031	0.400923	0.472626	-2.21584	0.757349	0.759105	-1.31734	0.766262	1.30359	0.70478	8.82824	11.1344	1
cg26058311	EFR3A	0.694489	0.161576	0.729989	-1.36988	0.296813	1.25576	1.25576	0.882661	1.03158	1.03158	0.422409	0.841531	-1.18833	0.895668	0.92801	-1.07753	0.965918	0.991044	-1.00904	0.251429	0.777031	-1.28695	0.732672	0.930357	-1.07486	0.900585	1.02666	1.02666	0.704732	0.494758	0.624045	1
cg09937344	MNS1;MNS1	0.694502	0.766448	1.17636	1.17636	0.154526	2.31505	2.31505	0.502526	1.45029	1.45029	0.796029	0.813269	-1.22961	0.643102	0.775216	-1.28996	?	?	?	0.44717	0.654733	-1.52734	0.87349	1.09075	1.09075	0.358501	1.67675	1.67675	0.689417	2.82286	3.58273	1
cg21457347	HNRNPAB;HNRNPAB	0.694517	0.581563	1.12427	1.15422	0.159522	1.3128	1.3128	0.184707	1.28473	1.28473	0.877994	1.02774	1.02774	0.639741	1.08758	1.08758	0.750658	0.944804	-1.05842	0.778766	0.951079	-1.05144	0.461977	0.875547	-1.14262	0.537868	1.11749	1.11749	0.704692	0.353996	0.446526	1
cg20685925	TBC1D25	0.694528	0.294687	0.279187	-1.58183	0.838123	1.27144	1.27144	0.858342	1.03796	1.03796	0.233436	0.182657	2.50656	0.26516	0.96521	0.950086	-1.05254	0.16632	0.176812	-5.65573	0.99206	0.98385	0.56025	0.99206	0.988251	0.98615	1.02121	0.704681	15.3815	19.4023	1
cg12796440	YOD1	0.694539	0.276841	0.641097	-1.55983	0.352709	0.686676	-1.45629	0.601372	1.23022	1.23022	0.76162	1.12704	1.12704	0.40865	1.39401	1.39401	0.804984	1.10212	1.10212	0.198517	0.58619	-1.70593	0.516914	0.77237	-1.29472	0.775233	0.893572	-1.1191	0.704661	1.72429	2.17509	1
cg20592743	GPR116;GPR116;GPR116	0.694546	0.333356	2.2156	2.2156	0.212686	2.2125	2.2125	0.431677	1.89611	1.89611	0.598165	1.28502	1.28502	0.308584	2.15104	2.15104	0.289924	2.4411	2.4411	0.117907	3.57389	3.57389	0.901844	0.906551	1.15985	1.15985	0.704651	7.09128	8.94789	1
cg00408896	DTX4	0.694621	0.757581	1.11518	1.11518	0.173013	1.66623	1.66623	0.846249	0.933928	-1.07075	0.187459	0.611462	-1.63542	0.945481	1.02437	1.02437	0.405829	0.741225	-1.34912	0.476869	0.775164	-1.29005	0.946223	0.976528	-1.02404	0.915216	1.03821	1.03821	0.704544	1.38345	1.74543	1
cg21059665	ING5; ZGPAT;ZGPAT;ZGPAT;ARFRP1;ZGPAT;A	0.694624	0.472019	0.77672	-1.28747	0.374688	1.36987	1.36987	0.910887	0.962068	-1.03943	0.702942	1.1415	1.1415	0.362265	1.18187	1.18187	0.436275	0.760089	-1.31563	0.480634	1.28098	1.28098	0.254592	0.663073	-1.50813	0.516207	1.25528	1.25528	0.70454	1.33118	1.67949	1
cg26005165	RPTOR;RPTOR	0.694627	0.963093	0.974256	-1.02642	0.959661	1.02892	1.02892	0.877511	1.09082	1.09082	0.379603	0.607739	-1.66185	0.115207	0.380859	-2.62564	0.616812	1.32889	1.32889	0.339025	1.74274	1.74274	0.916196	0.942399	-1.06112	0.551695	1.40412	1.40412	0.704725	3.54485	4.47242	1
cg20446967	DEPDC1B;DEPDC1B	0.694628	0.957734	0.993255	-1.00679	0.918015	1.06562	1.06562	-1.01405	0.161504	0.807587	-1.12726	0.611234	0.956631	-1.05766	0.724391	1.04625	1.04625	0.170586	1.20486	1.20486	0.304969	0.873137	-1.1453	0.51073	0.918312	-1.08893	0.418447	0.899796	1.11136	1.70633	0.818982	0.229602	1
cg21400015	ONECUT2	0.694642	?	?	?	0.167358	1.63484	1.63484	0.376384	1.35413	1.35413	0.429851	1.30881	1.30881	0.418519	0.758756	-1.31795	0.899822	1.04296	1.04296	0.890773	0.95515	-1.04696	0.834937	0.932689	-1.07217	0.535439	0.810914	-1.23318	0.68809	1.08199	1.57017	1
cg04949489	LDHB	0.694645	0.513054	0.743723	-1.34499	0.559434	1.97092	1.97092	0.460249	1.39874	1.39874	0.60388	0.791657	-1.26317	0.723423	1.17158	1.17158	0.72998	0.856713	-1.16725	0.262941	0.597388	-1.67395	0.815057	0.900699	-1.11025	0.711448	1.18039	1.18039	0.704502	2.32293	2.80473	1
cg26230390	NOP58	0.694664	0.748248	1.04401	1.04401	0.245272	1.7165	1.7165	0.743282	0.956999	-1.04493	0.149373	0.226903	2.74263	0.345025	1.04505	1.04505	0.71289	0.951772	-1.05067	0.556604	0.880904	-1.1352	0.74012	1.04552	1.04552	0.672132	1.04448	1.04448	0.703753	0.19957	0.125181	1
cg17284384	SLC45A3	0.694668	0.885528	0.749815	-1.33366	0.820305	1.5758	1.5758	0.72657	0.49573	-2.01723	0.550153	0.34815	0.34815	?	?	?	0.593151	0.293856	0.293856	0.0849233	0.0221952	-45.0548	0.668462	2.36581	2.36581	0.867417	0.716085	-1.39648	0.689052	38.7545	56.2432	1
cg05600740	B4GALNT1; MIR52;MIRPLS2;MIRPLS2;MIRPLS2;MIR	0.694682	0.10124	2.07901	2.07972	0.388004	1.32588	1.32588	0.129241	1.69324	1.69324	0.820892	0.912788	-1.09554	0.569043	1.26102	1.26102	0.339415	1.48879	1.48879	0.738207	0.869903	-1.14955	0.828926	0.879146	-1.13705	0.829892	1.19151	1.19151	0.704287	1.76722	1.95174	1
cg25594542	PLS2;MRPL52	0.694672	0.371135	0.680876	-1.4687	0.379181	1.45881	1.45881	0.160728	1.87221	1.87221	0.759184	1.13735	1.13735	0.768068	0.883575	-1.13177	0.93279	0.965311	-1.03594	0.638265	0.820205	-1.21921	0.814784	1.10321	1.10321	0.334262	1.659135	-1.51714	0.704472	1.95468	2.46638	1
cg17833980	MCCC2	0.694672	0.84494	0.959175	-1.04256	0.816531	1.05072	1.05072	0.684679	0.916761	-1.0908	0.285681	1.26623	1.26623	0.179553	1.35453	1.35453	0.88154	0.968756	-1.03225	0.227839	0.763789	-1.30926	0.81021	0.950074	-1.05255	0.649831	1.10218	1.10218	0.704471	0.505576	0.637927	1
cg14778922	SLC6A7	0.694676	0.358064	0.542139	-1.84455	0.759004	0.819725	-1.22059	0.332391	0.523215	-1.91126	0.588664	0.702103	-1.42429	0.92587	0.941497	-1.06214	0.571829	0.69067	-1.44786	0.412692	0.581275	-1.72036	0.868256	0.267359	-3.74028	0.884653	1.0986	1.0986	0.704465	4.68186	5.90754	1
cg07597763	OSBP	0.694679	0.740102	0.939302	-1.06487	0.72055	0.975468	-1.02541	0.75774	0.860317	-1.1624	0.732783	1.16222	1.16222	0.500064	1.25008	1.25008	0.816434	0.954676	-1.04748	0.167077	0.589666	1.16222	1.16222	0.712723	1.12723	0.715258	1.32666	1.32666	0.704461	0.939051	0.497087	1
cg12140543	ADCYAP1R1	0.69469	0.836573	1.04356	1.04356	0.237694	1.29093	1.29093	0.80763	0.950886	-1.05165	0.460468	1.16781	1.16781	0.339788	0.816187	-1.22521	0.939323	0.98438	-1.01587	0.356111	1.21647	1.21647	0.317573	0.807925	-1.23774	0.635823	0.906213	-1.10349	0.704445	0.475518	0.600022	1
cg18327203	CYB561;CYB561;CYB5R3	0.694703	0.343153	0.454337	-2.20507	0.73882	1.31347	1.31347	0.690249	1.39874	1.39874	0.60388	0.791657	-1.26317	0.723423	1.17158	1.17158	0.92644	1.02936	1.02936	0.877456	0.982572	-1.25808	0.801003	0.885985	1.02951	0.95334	0.704421	7.19997	9.23986	1
cg24005950	SNORA50;RPS2	0.694715	0.508979	0.898209	-1.11355	0.147886	1.36979	1.36979	0.474872	1.15869	1.15869	0.666139	0.109197	0.483058	0.865472	1.15544	1.15544	0.949971	0.987563	-1.0128	0.614512	1.10841	1.10841	0.476978	0.863672	-1.15785	0.352663	1.21401	1.21401	0.704401	0.545806	0.578332	1
cg05364759	ALPL;ALPL	0.694719	0.384196	1.345	1.345	0.833728	1.07233	1.07233	0.382855	1.34619	1.34619	0.649512	1.1401	1.1401	0.613419	1.18439	1.18439	0.0918751	1.85234	1.85234	0.388174	0.745425	-1.34152	0.792532	1.09151	1.09151	0.714214	1.12996	1.12996	0.704404	1.23109	1.55352	1
cg10791959	EPHB1	0.694728	0.281786	1.56775	1.56775	0.141421	2.07472	2.07472	0.742132	1.07327	1.85725	1.85725	0.896828	1.00069	1.00069	1.00069	1.00069	0.580227	1.2474	1.2474	0.179	0.842051	-1.20781	0.546038	0.827945	-1.27839	0.44907	0.733381	-1.36355	0.70439	1.80272	2.27489	1
cg19488505	SCNN1A;SCNN1A;SCNN1A	0.694732	0.882712	0.903933	-1.10628	0.1462	0.343971	-2.90722	0.273861	0.458859	-2.17932	0.569177	0.48234	0.48234	0.81531	0.852074	-1.17361	?	?	?	0.326413	0.499948	-2.00008	0.443924	0.586256	-1.70574	0.634197	0.720395	-1.38813	0.688961	4.53993	6.58953	1
cg13861644	PWWL1	0.694743	0.194813	0.358813	-2.79503	0.732497	0.644246	-2.36157	0.300706	0.654376	-1.06092	0.422703	0.577568	-1.7314	0.261655	2.19255	2.19255	0.944837	0.954676	-1.04748	0.167077	0.589666	-1.69595	0.410394	0.715258	0.793857	0.905845	-1.10394	0.704328	0.759852	-1.25967	0.794386	0.01042	0.012353	1
cg25638984	TMTC2	0.694732	0.641501	0.88012	-1.13621	0.235489	1.40297	1.40297	0.314103	1.32778	1.32778	0.617171	1.1496	1.1496	0.304285	1.33607	1.33607	0.429359	1.2457	1.2457	0.934327	1.0227	1.0227	0.14947	1.52333	1.52333	0.938718	1.02116	1.02116	0.704386	0.827936	1.04407	1
cg25395087	SYNJ2	0.694738	0.858401	0.886749	-1.12772	0.384524	1.82227	1.82227	0.287415	2.1031	2.1031	0.676218	1.32668	1.32668	0.212608	0.413315	-2.41946	0.422966	1.73472	1.73472	0.411844	1.75901	1.75901	0.416789	1.74811	1.74811	0.994385	1.00475	1.00475	0.704377	0.505337	0.63771	1
cg08673226	RPS4Y1	0.694743	0.219424	0.47475	2.10604	0.83475	?	?	?	0.451342	2.82295	1.82295	?	?	?	0.755691	-1.32305	0.21556	0.79155	-1.26305	0.635628	0.53854	1.53854	1.53854	0.896068	0.993334	-1.00566	0.894264	0.792645	-1.2616	0.696693	25.1919	42.991	1
cg04093225	ILDR2	0.69475	?	?	?	0.220612	0.421011	-2.37523	0.436346	0.588032	-1.70059	0.717278	1.27452	1.27452	0.350021	1.9043	1.9043	0.742867	0.802864	-1.24554	0.725394	0.790383	-1.26521	0.365787	0.536872	-1.86264	0.406127	0.566361	-1.76566	0.680949	4.22001	5.35885	1
cg04736260	SELV;SELV	0.694753	0.307524	0.759491	-1.31667	0.155027	1.5758	1.5758	0.72657	0.49573	-2.01723	0.550153	0.34815	0.34815	?	?	?	0.593151	0.293856	0.293856	0.0849233	0.0221952	-45.0548	0.668462	2.36581	2.36581	0.867417	0.716085	-1.39648	0.689052	38.7545	56.2432	1
cg19696022	ANKRD11	0.694784	0.764043	1.15567	1.15567	0.108818	2.3175	2.3175	0.190867	1.92275	1.92275	0.601891	1.28782	1.28782	0.908343	0.946155	1.05691	0.561472	1.754157	-1.32598	0.39122	1.52529	1.52529	0.738178	1.17495	1.17495	0.845663	1.0981	1.09818	0.704312	2.57628	3.25144	1
cg27604671	MALT1;MALT1;MALT1;MALT1 PEG3;PEG3;ZIM2;PEG3;PEG3;PEG3;PEG3;PEG	0.694793	0.643087	1.44891	1.44891	0.274672	2.4674	2.4674	0.0961868	4.27035	4.27035	0.96516	1.03532	1.03532	0.702639	1.35635	1.35635	0.768005	1.26499	1.26499	0.372629	2.06957	2.06957	0.23002	2.72031	2.72031	0.923309	0.926339	-1.07952	0.7043	0.04359	0.88964	1
cg21545893	ZIM2;ZIM2	0.694801	0.833358	1.09739	1.09739	0.206787	1.79909	1.79909	0.667646	0.82652	-1.20989	0.631829	1.2373	1.2373	0.574506	0.819839	-1.21975	0.223248	1.75849	1.75849	0.179219	1.87634	1.87634	0.527358	1.32639	1.32639	0.679525	1.20109	1.20109	0.704288	2.1701	2.7389	1
cg07037116	KCND3;KCND3	0.694803	0.562493	0.844525	-1.18405	0.379964	0.58336	1.85036	0.24201	2.44182	2.44182	0.956932	1.06504	1.06504	0.614439	0.671432	0.725414	0.867821	1.1323	1.1323	0.456951	0.716579	-1.39552	0.887707	0.940033	1.04033	0.704219	0.62043	7.82905	9.77	1
cg14392066	TOR2A;TOR2A;TOR2A;TOR2A DMD;DMD;DMD;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg19504860	ZNF708;ZNF708	0.695543	0.207434	5.10987	5.10987	5.349456	0.08089	1.08089	0.89851	1.1695	1.1695	1.31706	0.2810382	-3.55768	0.440464	0.380869	-2.62557	0.188812	5.51963	5.51963	0.964086	1.0568	1.0568	0.9058868	1.15622	1.15622	0.847674	1.26613	0.703231	16.7689	21.196	1
cg20854025	MTMR14;MTMR14;MTMR14	0.695544	0.403519	2.21312	2.21312	2.26889	0.342976	2.91565	0.734276	0.728605	-1.37249	0.365958	2.37072	2.37072	0.865215	1.14367	1.14367	0.2820207	2.82631	2.82631	0.787755	0.778198	-1.28502	0.360354	0.417322	-2.39623	0.767613	0.759283	-1.31703	0.703923	9.61868	12.1581	1
cg04682580	ZCCHC11;ZCCHC11;ZCCHC11	0.695551	0.513897	1.22351	1.22351	0.565207	1.19383	1.19383	0.0624664	1.89447	1.89447	0.659394	1.14472	1.14472	0.530709	0.824052	-1.21352	0.967792	1.01238	1.01238	0.695681	1.12726	1.12726	0.967243	1.01259	1.01259	0.811788	0.929887	-1.0754	0.703221	1.03421	1.30726	1
cg22560410	NR2;NR2;NR2;NR2	0.695553	0.273225	0.623809	-1.60285	0.553214	1.28168	1.28168	0.992526	1.00388	1.00388	0.88303	0.940906	-1.06281	0.516244	0.761608	-1.31304	0.988735	1.00586	1.00586	0.370121	0.683155	-1.46345	0.241857	0.660302	1.66002	0.659308	1.47693	0.703217	1.90652	2.4099	1
cg06507307	INPP5A	0.695555	0.187295	0.730475	-1.36897	0.680875	0.109738	0.09738	0.612711	0.891625	-1.12155	0.651542	0.902882	-1.10756	0.902937	0.972957	-1.0278	0.343348	1.24528	1.24528	0.239683	1.33873	1.33873	0.792371	0.94244	-1.06108	0.647171	1.10911	1.10911	0.703215	0.562404	0.710899	1
cg14704483	ZNF787	0.695556	0.988401	0.993581	-1.00646	0.149608	1.98262	1.98262	0.651006	1.22353	1.22353	0.200915	1.80338	1.80338	0.485006	1.36936	1.36936	0.220585	1.76921	1.76921	0.786075	0.886768	-1.12769	0.385814	1.48269	1.48269	0.861492	1.08044	1.08044	0.703208	2.18575	2.76289	1
cg19005662	TTC5	0.695556	0.78244	1.21432	1.21432	0.315456	2.07122	2.07122	0.0945509	3.62965	3.62965	?	?	?	0.355605	1.94761	1.94761	0.642165	1.38857	1.38857	0.723283	1.28325	1.28325	0.33181	2.01855	2.01855	0.530579	1.56151	1.56151	0.687763	4.76485	6.92804	1
cg07680146	TNRC6A	0.695589	0.280414	0.764804	-1.30772	0.881423	0.964951	1.02353	0.783469	0.936313	-1.06801	0.71888	0.917277	-1.09018	0.766304	0.929513	-1.07583	0.820958	1.05563	1.05563	0.128265	1.47753	1.47753	0.457369	0.834765	-1.19791	0.418285	0.820721	-1.21844	0.703166	0.635471	0.803113	1
cg06422381	WDR60	0.69562	0.227341	1.51387	1.51387	0.399181	1.32631	1.32631	0.243996	1.49007	1.49007	0.291782	1.52832	1.52832	0.564501	0.859769	-1.1631	0.338763	1.38075	1.38075	0.698646	1.33575	1.33575	0.528976	1.23206	1.23206	0.345558	1.37417	1.37417	0.703123	1.19214	1.50711	1
cg09290169	KIAA1841;KIAA1841	0.695628	0.867123	0.947093	-1.05586	0.28088	1.43883	1.43883	0.877568	1.05132	1.05132	0.555951	0.824203	-1.21329	0.132037	0.589978	-1.69498	0.435756	1.29449	1.29449	0.726515	0.892269	-1.12074	0.947589	1.02157	1.02157	0.596588	1.18935	1.18935	0.703111	1.17339	1.48343	1
cg08597202	GABRK2	0.695651	0.890246	0.957923	-1.04398	0.663176	1.14618	1.14618	0.67715	1.1422	1.1422	0.33916	0.735853	-1.35937	0.2701	0.624701	-1.60124	0.842545	1.06388	1.06388	0.124042	1.67958	1.67958	0.686087	0.883273	-1.13485	0.132586	0.732576	1.36505	0.703078	1.07931	1.36456	1
cg06611495	LOC146336	0.695654	0.81447	0.887653	-1.12657	0.130505	2.28852	2.28852	0.975642	1.0156	1.0156	0.86689	0.91847	-1.08877	0.407139	0.650578	-1.53709	0.499303	1.41578	1.41578	0.904747	0.941113	-1.06257	0.347004	1.63384	1.63384	0.349388	1.62666	1.62666	0.703074	2.86196	3.61834	1
ch.22.112438	XRR1	0.695658	0.466008	0.979956	-1.04228	0.158531	0.321676	-3.10872	0.172173	0.337036	-2.96704	0.625038	0.691666	-1.44579	0.881142	1.11948	1.11948	0.452747	0.564135	-1.77262	0.346326	0.48094	-2.06637	0.538828	0.627703	-1.59311	0.662305	1.38985	1.38985	0.703068	6.23661	7.88494	1
cg19318119	STARD9	0.695666	0.784525	0.889872	-1.12376	0.671256	0.833816	-1.19931	0.849494	1.08423	1.08423	0.913046	0.954564	-1.0476	0.444834	0.717775	-1.39319	0.530311	1.31078	1.31078	0.421606	0.705052	-1.41834	0.100906	2.14866	2.14866	0.698294	1.13836	1.13836	0.703056	2.01793	2.55131	1
cg10357980	NFATC1;NFATC1;NFATC1;NFATC1;NFAT C1	0.695678	0.329108	0.774977	-1.29036	0.371894	1.26117	1.26117	0.459895	1.20978	1.20978	0.92888	0.977659	-1.02285	0.244686	0.734903	-1.36072	0.419828	1.23197	1.23197	0.730701	1.09139	1.09139	0.523499	1.17779	1.17779	0.621305	0.881587	-1.13432	0.70304	0.713264	0.901816	1
cg23990641	C6orf204;BRD7P3;C6orf204	0.69568	0.802636	0.931034	-1.07407	0.813008	0.934031	-1.07063	0.46685	1.23525	1.23525	0.459435	0.806597	-1.23978	0.234139	0.700548	-1.42745	0.233771	0.700333	-1.42789	0.298332	1.36017	1.36017	0.889833	1.04034	1.04034	0.856317	0.949597	-1.05308	0.703037	0.906587	1.14625	1
cg07150680	HUNK1 C1orf727;TPR;C1orf727;MIR548F1;C1orf72 7	0.69569	0.594404	0.483088	-2.07002	0.810383	0.748871	-1.33534	0.908641	1.16813	1.16813	0.194834	0.40112	-2.50164	0.508754	0.58779	-1.70879	0.270106	0.211278	-4.73311	0.758718	0.658959	-1.51754	0.612634	0.50097	-1.99613	0.956458	1.07672	1.07672	0.703022	20.4059	25.8009	1
cg13365658	7	0.695696	0.846474	0.886407	-1.12815	0.691452	1.28184	1.28184	0.625402	0.736116	-1.35848	0.65904	1.31842	1.31842	0.989181	0.991603	-1.00847	0.801785	0.855142	-1.1694	0.0812912	0.294827	-3.39181	0.880512	1.09808	1.09808	0.407578	1.69669	1.69669	0.702782	4.21457	4.66431	1
cg07762785	ZNF486	0.695705	0.387809	0.854618	-1.17011	0.253202	0.88074	-1.25445	0.648718	0.921897	-1.08472	0.866251	1.00753	1.00753	0.412534	1.16016	1.16016	0.761342	1.05555	1.05555	0.301403	1.20907	1.20907	0.931869	1.01528	1.01528	0.315667	0.831972	-1.20196	0.703002	0.950048	0.442608	1
cg12986726	CEBPB	0.695721	0.705808	0.934237	-1.07039	0.543381	1.11665	1.11665	0.41665	1.26955	1.26955	0.144944	0.93922	1.01377	0.001227	0.977753	-1.02275	0.442778	1.1507	1.1507	0.134394	0.748607	-1.33581	0.613313	1.09571	1.09571	0.351521	0.841993	-1.18766	0.702979	0.358221	0.452957	1
cg17691662	CHD7;CHD7	0.695723	0.749445	0.913165	-1.09506	0.179498	0.768751	-1.30156	0.79489	0.928999	-1.07646	0.984277	0.928999	-1.07646	0.984277	0.970983	-1.02983	0.610632	0.599296	-1.66846	0.280556	0.782726	-1.27809	0.388207	0.792373	-1.26203	0.807495	1.05961	1.05961	0.669647	0.862322	-1.15961	0.702975	0.8805	0.12601	1
cg17108145	DDAH1	0.69573	0.740909	0.798098	-1.25298	0.966516	0.971873	-1.02894	0.107093	0.30254	-3.30534	0.616677	0.709626	-1.40919	0.950791	0.958922	-1.04284	0.390265	1.8191	1.8191	0.624101	1.3989	1.3989	0.362961	1.88793	1.88793	0.966891	0.972183	-1.02861	0.702966	5.14299	6.50323	1
cg10143210	TNK2;TNK2	0.695736	0.438772	0.749717	-1.33384	0.82784	0.923631	-1.08268	0.6546	1.17851	1.17851	0.406092	1.36346	1.36346	0.7806	0.903203	-1.10717	0.346635	0.702222	-1.42405	0.121921	0.542512	-1.84328	0.477447	0.764837	-1.30144	0.648232	0.84574	-1.1824	0.702958	1.48127	1.87306	1
cg12091331	PLAT;PLAT	0.695744	0.636156	0.839778	-1.19051	0.282815	1.03917	1.03917	0.856423	0.925777	-1.08017	0.881816	0.779243	-1.28357	0.351483	1.56052	1.56052	0.779041	0.886098	-1.12854	0.327623	0.426041	-2.34621	0.183263	0.426041	-2.34575	0.360891	0.494448	-2.02246	0.602182	0.674108	-1.48344	0.702933	6.25991	7.91592	1
cg14769570	FAM55C;FAM55C;NFKBZ	0.695753	0.414778	0.535211	-1.86842	0.300173	0.447052	-2.23688	0.199524	0.3619	-2.7632	0.198509	0.360975	-2.77028	0.229261	0.388276	-2.57549	0.587135	0.658897	-1.51769	0.272506	0.424673	-2.35475	0.360891	0.494448	-2.02246	0.602182	0.674108	-1.48344	0.702933	6.25991	7.91592	1
cg18233538	AIFTD1;CORT	0.69576	0.727763	1.21685	1.21685	0.750624	0.836049	1.1961	0.541219	0.706556	-1.41532	0.706133	1.23705	1.23705	0.197874	0.602967	-1.65847	0.957776	1.03018	1.03018	0.178128	2.12344	2.12344	0.249747	1.96508	1.96508	0.448254	1.54346	1.54346	0.702923	3.51123	4.44017	1
cg18836485	E1;RNASE1;RNASE1	0.695763	0.73595	0.749228	-1.33471	0.116243	4.28905	4.28905	0.478845	0.541115	-1.84804	0.292616	2.53791	2.53791	0.971083	0.969553	-1.0314	0.601902	1.56669	1.56669	0.898269	0.896635	-1.11528	0.760156	1.29847	1.29847	0.373438	2.18011	2.18011	0.702919	8.10043	10.2436	1
cg11802985	ERC2	0.695765	0.133151	0.547571	-1.82626	0.147307	1.47607	1.47607	0.810953	0.921897	-1.08472	0.866251	1.00317	1.00317	0.623719	0.832097	-1.20211	0.764804	1.05555	1.05555	0.301403	1.20907	1.20907	0.931869	1.01528	1.01528	0.315667	0.831972	-1.20196	0.703002	0.950048	0.442608	1
cg16009558	GRIK2;GRIK2;GRIK2	0.695768	0.60791	1.15116	1.15116	0.933103	1.02303	1.02303	0.290098	1.34808	1.34808	0.269094	1.36765	1.36765	0.751138	1.09041	1.09041	0.163046	1.49935	1.49935	0.063916	1.06816	1.06816	0.205449	1.43819	1.43819	0.702911	1.48766	1.48766	0.702979	0.358221	0.452957	1
cg24304000	AEBP2;AEBP2	0.695783	0.83082	0.958482	-1.04353	0.748489	0.760751	-1.31516	0.79489	0.928999	-1.07646	0.984277	0.928999	-1.07646	0.984277	0.970983	-1.02983	0.610632	0.599296	-1.66846	0.280556	0.782726	-1.27809	0.388207	0.792373	-1.26203	0.807495	1.05961	1.05961	0.669647	0.862322	-1.15961	0.702975	0.8805	0.12601	1
cg02567879	C1orf187	0.695783	0.493453	0.760892	-1.31425	0.831724	0.919791	-1.0872	0.917282	1.04166	1.04166	0.726466	1.14797	1.14797	0.701447	0.859546	-1.16341	0.32014	0.667884	-1.49727	0.169221	0.562449	-1.77794	0.133133	0.529077	-1.89008	0.911278	1.04477	1.04477	0.70289	1.71863	2.17342	1
cg12881726	GGCT;GGCT	0.695788	0.714148	0.774005	-1.29198	0.934166	1.05903	1.05903	0.592839	1.45624	1.45624	0.862247	0.886089	-1.12855	0.894022	0.911364	-1.09726	0.767902	0.813767	-1.22885	?	?	?	0.136575	3.05514	3.05514	0.190849	2.6235	2.6235	0.687432	4.69274	6.82648	1
cg20438951	ZNF700	0.695829	0.698851	0.794139	-1.25906	0.774849	0.829753	1.24783	0.493831	1.14403	1.14403	0.140561	1.36096	1.36096	0.282545	0.736092	-1.35846	0.850707	1.03729	1.03729	0.704564	0.960117	-1.04161	0.146535	0.702881	0.420716	0.531052	0.702881	0.420716	0.531052	1
cg06517181	KNDC1	0.695794	0.369131	2.28315	2.28315	0.0980871	0.073754	5.07354	0.218535	1.18458	1.18458	0.417159	2.10041	2.10041	0.931721	0.926169	-1.07972	0.376096	2.25463	2.25463	0.459773	1.96136	1.96136	0.733801	1.35732	1.35732	0.822951	1.22211	1.22211	0.702874	8.9174	11.2774	1
cg13069964	C17orf48;SCO1;C17orf48	0.695795	0.292333	1.18486	1.18486	0.734777	0.862577	-1.01155	0.702301	0.942202	-1.06134	0.755376	0.964568	1.03609	0.844211	1.19946	1.19946	0.941567	1.08007	1.08007	0.712389	0.815004	-1.22699	0.468256	0.710585	0.893574	0.979779	1.02064	1.02064	0.702838	0.268318	0.333956	1
cg27479571	PLDN	0.695801	0.478651	2.2352	2.2352	0.149771	0.169012	3.69012	0.136069	0.62902	6.29602	0.296402	0.939621	0.939621	0.629136	1.74839	1.74839	0.316419	1.18867	1.18867	0.546127	1.97711	1.97711	0.961984	0.05453	0.05453	0.839163	2.25409	2.25409	0.702627	13.5163	14.962	1
cg16616765	HECW2	0.695806	0.631059	0.741446	-1.34872	0.271345	2.02989	2.02989	0.244347	1.22336	1.22336	0.809942	1.16063	1.16063	0.958424	1.03276	1.03276	0.70068	0.787571	-1.26973	0.301626	0.515999	-1.93799	0.541522	0.682427	-1.46536	0.437902	1.63104	1.63104	0.702858	4.255	5.3812	1
cg09642651	PSMD14;PSMD14	0.695824	0.219888	0.792274	-1.2624	0.16094	0.69377	-1.44199	0.159927	0.213972	-4.67162	0.109758	0.209758	-4.76652	0.129406	0.29748	-3.36146	0.941567	1.044	1.044	0.712389	0.815004	-1.22699	0.468256	0.945628	-1.11058	0.592137	0.596166	-1.67788	0.687381	0.538857	0.685894	1
cg27243405	NHSL1	0.695825	0.175544	0.286945	-3.48499	0.846382	1.18307	1.18307	0.557948	1.67122	1.67122	0.76111	0.767754	-1.3025	0.170902	0.282593	0.53866	0.931739	0.928437	-1.07708	0.319436	0.409934	-2.43942	0.830092	1.20473	1.20473	0.517751	0.566448	-1.76539	0.70283	0.36189	0.10755	1
cg02826779	PNPLA1;PNPLA1 APLP2;APLP2;APLP2;APLP2;APLP2;APLP	0.695832	0.912863	0.952804	-1.04996	0.630955	0.937357	-1.06704	0.712341	0.844942	-1.18769	0.41838	1.12515	1.12515	0.449599	0.450133	0.858455	0.249713	1.79671	1.79671	0.0178	0.182515	0.80588	0.124082	0.108582	0.108582	0.183365	0.645753	0.645753	0.645753	0.645753	0.645753	1
cg11493596	2	0.695851	0.952157	1.00738	1.00738	0.586091	1.0697	1.0697	0.877562	1.01907	1.01907	0.976866	1.00356	1.00356	0.930131	0.989311	-1.0108	0.663754	1.05506	1.05506	0.102367	1.24489	1.24489	0.280531	1.14735	1.14735	0.17964	1.19082	1.19082	0.702794	0.167137	0.211394	1
cg19697911	OTOS;OTOS	0.695853	0.224152	0.482108	-2.07422	0.455579	0.647783	-1.54373	0.295686	0.538179	-1.85812	0.675117	0.785965	-1.27232	0.143611	0.407455	-2.45426	0.666098	0.780329	-1.28151	0.997045	1.00212	1.00212	0.917268	0.477586	-2.09386	0.948629	1.0375	1.0375	0.70279	3.63342	4.59555	1
cg04778192	NRM	0.695858	0.657376	1.21026	1.21026	0.87889	0.936893	-1.06736	0.193788	0.555559	-1.79999	0.722738	1.16451	1.16451	?	?	?	0.845722	1.08685	1.08685	0.587543	0.791266	-1.2638	0.177601	1.84505	1.84505	0.88462	0.939812	-1.06404	0.687332	1.76842	2.57287	1
cg19938422	KCTD12	0.695859	0.885398	1.04555	1.04555	0.857234	0.914938	1.10198	0.714697	0.950313	1.05194	-1.2258	0.970417	1.03598	0.782205	1.03754	1.03754	0.231709	0.625399	-1.59898	0.683091	0.857598	-1.16605	0.191206	1.88297	1.88297	0.537753	1.26303	1.26303	0.702725	1.55891	1.9719	1
cg00267142	RPS6KA2	0.69591	0.864804	0.861686	-1.16052	0.140097	1.89741	1.89741	0.375939	2.54228	2.54228	0.927246	0.910482	-1.09832	0.2117	0.258084	-3.86124	0.873514	1.84908	1.84908	0.177774	0.767888	0.737926	-1.35515	0.958289	0.947711	-1.05517	0.618248	0.596971	-1.67512	0.70271	11.7352	14.8443	1
cg00149440	OGDH	0.695901	0.116827	0.712869	-1.40258	0.446574	0.857179	-1.16663	0.577365	1.11832	1.11832	0.781266	0.946206	-1.05675	0.297833	0.807033	-1.23911	0.548907	0.882084	1.13368	0.803211	1.05085	1.05085	0.845023	0.963869	-1.03764	0.548512	1.12818	1.12818	0.70271	0.439168	0.555548	1
cg21942670	KAZALD1	0.695931	0.538222	1.23145	1.23145	0.748407	1.03948	1.03948	0.97165	1.05409	1.05409	0.803026	0.972492	-1.02825	0.36944	1.10776	1.10776	0.716834	0.960365	-1.04127	0.170586	0.845014	-1.17589	0.927486	0.989966	-1.01034	0.953866	1.11172	1.11172	0.70266	0.137196	0.173553	1
cg03163545	FT1;4D;TMEM204	0.695938	0.883657	0.925441	-1.08057	0.7687	0.855518	-1.16888	0.865111	1.09414	1.09414	0.723552	0.828669	-1.20675	0.661582	1.26349	1.26349	0.650373	1.2731	1.2731	1.080295	1.22318	1.22318	0.538126	1.39078	1.39078	0.155994	0.447911	-2.23259	0.70267	3.11628	3.94215	1
cg16267579	OSBPL8;OSBPL8	0.695941	0.124054	0.677555	-1.47576	0.173206	0.826837	-1.20943	0.58232	1.18181	1.18181	0.901419	1.16693	1.16693	0.506255	0.703884	-1.42269	0.232227	0.51976	-1.92355	0.153833	0.370707	0.558833	-1.78944	0.436975	0.770697	0.504411	-1.98336	0.572168	0.70269	0.376213	0.476223	1
cg09036220	RBBP4;RBBP4;RBBP4;ZBTB8OS	0.695953	0.611941	1.27465	1.27465	0.633937	0.796474	-1.25553	0.740456	1.1708	1.1708	0.575683	1.30765	1.30765	0.47372	1.41289	1.41289	0.170796	1.99738	1.99738	0.212601	0.536479	-1.86401	0.745254	1.16724	1.16724	0.735537	0.851451	-1.17447	0.702648	2.50401	3.16771	1
cg21046080	GPR133	0.695957	0.149331	0.689245	-1.45062	0.112002	0.880734	1.08356	0.944202	-1.06134	0.755376	0.964568	1.03609	1.03609	0.844211	1.19946	1.19946	0.941567	1.08007	1.08007	0.712389	0.815004	-1.22699	0.468256	0.710585	0.893574	0.979779	1.02064	1.02064	0.702838	0.268318	0.333956	1
cg27479571	PLDN	0.695801	0.478651	2.2352	2.2352	0.149771	0.169012	3.69012	0.136069	0.62902	6.29602	0.296402	0.939621	0.939621	0.629136	1.74839	1.74839	0.316419	1.18867	1.18867	0.546127	1.97711	1.97711	0.961984	0.05453	0.05453	0.839163	2.25409	2.25409	0.702627	13.5163	14.962	1
cg16616765	HECW2	0.695806	0.631059	0.741446	-1.34872	0.271345	2.02989	2.02989	0.244347	1.22336	1.22336	0.809942	1.16063	1.16063	0.958424	1.03276	1.03276	0.70068	0.787571	-1.26973	0.301626	0.515999	-1.93799	0.541522	0.682427	-1.46536	0.437902	1.63104	1.63104	0.702858	4.255	5.3812	1
cg09642651	PSMD14;PSMD14	0.695824	0.219888	0.792274	-1.2624	0.16094	0.69377	-1.44199	0.159927	0.213972	-4.67162	0.109758	0.209758	-4.76652	0.129406	0.29748	-3.36146	0.941567	1.044	1.044	0.712389	0.815004	-1.22699	0.468256	0.945628	-1.11058	0.592137	0.596166	-1.67788	0.687381	0.538857	0.685894	1
cg27243405	NHSL1	0.695825	0.175544	0.286945	-3.48499	0.846382	1.18307	1.18307	0.557948	1.67122	1.67122	0.76111	0.767754	-1.3025	0.170902	0.282593	0.53866	0.931739	0.928437	-1.07708	0.319436	0.409934	-2.43942	0.830092	1.20473	1.20473	0.517751	0.566448	-1.76539	0.70283	0.36189	0.10755	1
cg02826779	PNPLA1;PNPLA1 APLP2;APLP2;APLP2;APLP2;APLP2;APLP	0.695832	0.912863	0.952804	-1.04996	0.630955	0.937357	-1.06704	0.712341	0.844942	-1.18769	0.41838	1.12515	1.12515	0.449599	0.450133	0.858455	0.249713	1.79671	1.79671	0.0178	0.182515	0.80588	0.124082	0.108582	0.108582	0.183365	0.645753	0.645753	0.645753	0.645753	0.645753	1
cg11493596	2	0.695851	0.952157	1.00738	1.00738	0.586091	1.0697	1.0697	0.877562	1.01907	1.01907	0.976866	1.00356	1.00356	0.930131	0.989311	-1.0108	0.663754	1.05506	1.05506	0.102367	1.24489	1.24489	0.280531	1.14735	1.14735	0.17964	1.19082	1.19082	0.702794	0.167137	0.211394	1
cg19697911	OTOS;OTOS	0.695853	0.224152	0.482108	-2.07422	0.455579	0.647783	-1.54373	0.295686	0.538179	-1.85812	0.675117	0.785965	-1.27232	0.143611	0.407455	-2.45426	0.666098	0.780329	-1.28151	0.997045	1.00212	1.00212	0.917268	0.477586	-2.09386	0.948629	1.0375	1.0375	0.70279	3.63342	4.59555	1
cg04778192	NRM	0.695858	0.657376	1.21026	1.21026	0.87889	0.936893	-1.06736	0.193788	0.555559	-1.79999	0.722738	1.16451	1.16451	?	?	?	0.845722	1.08685	1.08685	0.587543	0.791266	-1.2638	0.177601	1.84505	1.84505	0.88462	0.939812	-1.06404	0.687332	1.76842	2.57287	1
cg19938422	KCTD12	0.695859	0.885398	1.04555	1.04555	0.857234	0.914938	1.10198	0.714697	0.950313	1.05194	-1.2258	0.970417	1.03598	0.782205	1.03754	1.03754	0.231709	0.625399	-1.59898	0.683091	0.857598	-1.16605	0.191206	1.88297	1.88297	0.537753	1.26303	1.26303	0.702725	1.55891	1.9719	1
cg00267142	RPS6KA2	0.69591	0.864804	0.861686	-1.16052	0.140097	1.89741	1.89741	0.375939	2.54228	2.54228	0.927246	0.910482	-1.09832	0.2117	0.258084	-3.86124	0.873514	1.84908	1.84908	0.177774	0.767888	0.737926	-1.35515	0.958289	0.947711	-1.05517	0.618248	0.596971	-1.67512	0.70271	11.7352	14.8443	1
cg00149440	OGDH	0.695901	0.116827	0.712869	-1.40258	0.446574	0.857179	-1.16663	0.577365	1.11832	1.11832	0.781266	0.946206	-1.05675	0.297833	0.807033	-1.23911	0.548907	0.882084	1.13368	0.803211	1.05085	1.05085	0.845023	0.963869	-1.03764	0.548512	1.12818	1.12818	0.70271	0.439168	0.555548	1
cg21942670	KAZALD1	0.695931	0.538222	1.23145	1.23145	0.748407	1.03948	1.03948	0.97165	1.05409	1.05409	0.803026	0.972492	-1.02825	0.36944	1.10776	1.10776	0.716834	0.960365	-1.04127	0.170586	0.845014	-1.17589	0.927486	0.989966	-1.01034	0.953866	1.11172	1.11172	0.70266	0.137196	0.173553	1
cg03163545	FT1;4D;TMEM204	0

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Probeset ID	UCSC_REFGENE_NAME PCBP2;PCBP2|PCBP2;PCBP2|PCBP2;PCBP2	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 53T vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. 53T vs. N)	p-value(537T vs. N)	Fold-Change(5 vs.N)	p-value(537T vs. 37T vs. N)	Fold-Change(5 vs.N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22219587	P2;PCBP2	0.696815	0.827459	0.848879	-1.17802	0.732316	1.29395	1.29395	0.514718	1.63657	1.63657	0.31806	2.16971	2.16971	0.501144	1.66941	1.66941		0.948401	1.04977	1.04977	0.1548	0.318878	-1.33599	0.609555	1.47197	1.47197	0.336751	2.10303	2.10303	0.701423	0.25827	7.9309	1
cg12741529	C3orf17;C3orf17;C3orf17	0.696815	0.41457	0.830679	-1.20383	0.526924	0.867102	-1.15327	0.566832	1.13743	1.13743	0.305481	0.789762	-1.2662	0.291074	0.783726	-1.27596		0.234495	0.757904	-1.31943	0.409715	1.20627	1.20627	0.693962	0.915792	-1.09195	0.706477	0.91929	-1.0878	0.701422	0.549642	0.696542	1
cg18705301	NDUFAF1	0.696825	0.248644	0.168225	-5.94441	0.860395	1.29719	1.29719	0.375808	0.260942	-3.83227	0.647833	1.9734	1.9734	0.398031	0.278131	-3.59311		0.823111	1.39227	1.39227	0.165655	0.112433	-8.89419	0.56536	0.423584	-2.36081	0.623839	2.08076	2.08076	0.701408	0.24.2606	30.7567	1
cg23987444	SLC18A3;CHAT	0.69684	0.340695	0.682031	-1.46621	0.752284	1.12959	1.12959	0.290418	1.5336	1.5336	0.488963	0.760356	-1.31517	0.949722	1.02488	1.02488		0.29768	0.655643	-1.52313	?	?	?	0.722558	0.87028	-1.14906	0.333593	0.677938	-1.47506	0.685194	1.46679	2.13845	1
cg10380643	LOC441869;LOC441869	0.69686	0.460555	0.722582	-1.38393	0.51902	0.753724	-1.32675	0.395535	0.68644	-1.45679	0.803306	1.05397	1.05397	0.897425	0.945747	-1.05737		0.990665	1.00507	1.00507	0.00358	1.58541	1.58541	0.521964	0.755266	-1.32404	0.18162	1.84644	1.84644	0.310359	2.07093	2.63323	1
cg08871189	COMMD9;COMMD9	0.696867	0.96593	0.989972	-1.01013	0.774072	0.934342	-1.07027	0.205483	1.3705	1.3705	0.597805	0.881948	-1.13385	0.68291	0.907635	-1.10176		0.794486	0.94026	-1.06354	0.116907	0.669032	-1.4947	0.708082	0.915071	-1.09281	0.736467	1.08296	1.08296	0.701349	0.618458	0.783833	1
cg04355660	PITPNM2	0.696877	0.539042	0.81937	1.55337	0.758262	2.61992	2.61992	0.342194	2.31946	2.31946	0.198388	2.54537	2.54537	0.45076	1.69582	1.69582		0.268823	2.21484	2.21484	0.062678	2.20797	2.20797	0.39742	1.08615	1.20815	0.782373	1.20964	1.20964	0.701334	5.24766	6.65102	1
cg11056915	NUDCD1;ENY2	0.69884	0.573836	0.875567	-1.14212	0.894503	0.969452	-1.03151	0.457763	1.1848	1.1848	0.509321	0.855102	-1.16945	0.774634	0.935075	-1.06943		0.913041	1.02587	1.02587	0.115474	0.670223	-1.49204	0.263438	0.761389	-1.31339	0.377965	0.809343	-1.23557	0.701319	0.607357	0.769797	1
cg00351558	H3F3B	0.696889	0.473109	1.34588	1.34588	0.141956	0.52584	-1.90172	0.887923	1.05909	1.05909	0.561561	0.787454	-1.26992	0.416338	0.713072	-1.40238		0.521376	1.30289	1.30289	0.335506	0.667447	-1.49825	0.834153	1.0891	1.0891	0.842257	1.08449	1.08449	0.701317	1.84072	2.33303	1
cg05722552	NUDX1	0.696894	0.610284	1.14.9	1.14.9	0.373345	0.927548	-1.0784	0.37474	-1.37471	0.507355	0.79841	-1.25249	0.834377	0.932318	1.0726	0.940221	0.852576	1.20985	0.642493	-1.55644	0.206112	0.63993	-1.56267	0.860838	0.942959	-1.06049	0.738844	1.11843	1.11843	0.70131	1.24438	1.57722	1
cg08707192	FLI1	0.696895	0.704392	0.882235	-1.13349	0.575055	1.20465	1.20465	0.39656	0.751733	-1.33026	349	1.3729	1.3729	0.10927	1.7754	1.7754		0.714809	0.886358	-1.12821	0.927313	0.970452	1.03065	0.142067	1.13467	1.13467	0.8729	0.948734	-1.05404	0.701308	1.20016	1.52117	1
cg10082526	MIR380;MIR299	0.696901	0.55214	1.15615	1.51265	0.797062	1.19539	1.19539	0.148394	1.344153	1.90567	0.692358	1.31472	1.31472	0.274045	2.19402	2.19402		0.570676	1.46315	1.83257	0.167662	1.14148	1.14148	0.884806	1.10489	1.10489	0.412406	0.562788	-1.78003	0.701301	5.2584	6.66495	1
cg02109935	SLC16A2	0.696904	0.10695	-1.251889	-3.97001	0.627727	0.681918	-1.46545	0.952361	1.04792	1.04792	0.415302	1.92001	1.92001	0.784701	0.806907	-1.2393		0.234457	0.376656	-2.65494	0.882376	0.890482	-1.12299	0.901222	1.10217	1.10217	0.838313	1.17359	1.17359	0.701296	6.81741	8.64103	1
cg00951213	DLGAP2	0.696908	0.587498	1.75619	1.75619	0.89717	0.875156	-1.14218	0.510853	0.503732	-1.98558	0.503167	0.497281	-2.01093	0.114139	0.170842	-5.85335		0.758623	1.37288	1.37288	0.294508	0.326975	-3.05834	0.43747	0.442913	-2.25778	0.425851	0.434435	-2.30726	0.701291	11.7416	14.8825	1
cg07870603	RPTOR;RPTOR	0.696912	0.397709	0.831919	-1.20204	0.440857	1.19758	1.19758	0.583334	1.12493	1.12493	0.892141	1.02925	1.02925	0.285501	1.26584	1.26584		0.169519	1.36477	1.36477	0.585997	1.12398	1.12398	0.55098	0.879674	-1.13678	0.8881	0.970524	-1.03037	0.701285	0.501582	0.635762	1
cg02646398	HNRNPUL1;HNRNPUL1	0.696917	0.177043	0.610505	-1.63799	0.387635	1.356	1.356	0.845967	0.935298	-1.06918	0.509682	1.25863	1.25863	0.831745	1.07592	1.07592		0.729795	1.12665	1.12665	0.341145	1.40124	1.40124	0.53912	0.807471	-1.23843	0.488582	0.785075	-1.27376	0.701277	1.31371	1.66517	1
cg18424538	CNO	0.696917	0.957045	0.987805	-1.01235	0.654096	0.908584	-1.1067	0.465445	1.18173	1.18173	0.229235	0.750924	-1.33169	0.621761	1.11828	1.11828		0.393192	0.821502	-1.21632	0.472815	0.848521	-1.17838	0.515473	0.791904	-1.26278	0.431379	1.19799	1.19799	0.701277	0.561296	0.711883	1
cg18607533	FBXL1 SON;GART;SON;GART;GART;GART;GAR	0.696968	0.752971	1.67457	1.67457	0.464026	0.461323	0.749178	-1.3348	0.665405	1.18234	1.18234	0.541976	0.788436	-1.26833	0.114055	0.515849	-1.93855	0.38833	0.711455	-1.40557	0.820345	1.09154	1.09154	0.89221	0.940982	-1.05365	0.212651	0.603238	-1.65772	0.701204	1.64663	2.08736	1
cg09906747	T;GART	0.696969	0.697223	1.27411	1.27411	0.983044	0.986919	-1.01325	0.445587	1.61892	1.61892	0.869279	1.10744	1.10744	0.223157	2.21012	2.21012		0.407948	1.68949	1.68949	0.37966	0.572136	-1.74784	0.520774	0.66812	-1.49674	0.33161	0.537613	-1.86007	0.701203	4.26309	5.40416	1
cg22518373	ENGASE	0.696972	0.587272	1.49265	1.49265	0.571424	0.82068	-1.42068	0.223698	2.54541	2.54541	0.646835	1.40095	1.40095	0.572172	1.51766	1.51766		0.683548	1.34923	1.34923	0.654697	1.3896	1.3896	0.691241	1.33879	1.33879	0.802642	1.20085	1.20085	0.7012	5.93208	7.51991	1
cg04967794	DDX10	0.696978	0.3367	0.80811	-1.23746	0.794752	1.10502	1.10502	0.614736	0.896585	-1.11534	0.901791	1.02691	1.02691	0.515688	1.15231	1.15231		0.605411	1.11862	1.11862	0.651528	1.69304	1.69304	0.327703	0.952186	-1.05123	0.857303	1.22584	1.22584	0.143257	0.712949	-1.40263	0.701191	0.513789	0.653122	1
cg18147233	AGRN	0.696978	0.798671	0.864423	-1.15684	0.845037	0.894452	-1.118	0.411692	1.61359	1.61359	0.570819	1.38615	1.38615	0.288896	0.533904	1.873		0.41733	1.60394	1.60394	0.305171	0.545937	-1.83171	0.27388	0.522559	-1.91366	0.845178	0.894544	-1.11789	0.70119	3.60831	4.5742	1
cg15617950	MIR150	0.696995	0.245808	0.673519	-1.48474	0.199995	0.6435	-1.554	0.447892	0.777358	-1.28641	0.50403	0.801894	-1.24705	0.449252	0.604379	-1.65459		0.504566	0.802123	-1.24669	0.704288	0.883214	-1.13223	0.252911	0.677849	-1.47525	0.405035	0.757748	-1.3197	0.701167	1.17718	1.4926	1
cg25334369	HDAC5;HDAC5	0.696998	0.595924	1.48289	1.48289	0.566427	0.989519	1.01059	0.503742	1.14222	1.14222	0.559396	0.800767	1.24922	0.116396	0.644433	-1.55155	0.124843	0.407247	1.807752	1.2739	0.400244	0.805049	-1.24216	0.746207	0.921474	-1.08522	0.747592	1.08471	1.08471	0.701163	0.704294	0.892859	1
cg20664445	B3GNTL1	0.69702	0.289326	2.44471	2.44471	0.921759	1.08312	1.08312	0.638802	1.4685	1.4685	0.475811	1.80278	1.80278	0.487151	1.77498	1.77498		0.274543	2.51942	2.51942	0.7093392	4.86957	4.86957	0.563163	1.64251	1.64251	0.451849	1.86448	1.86448	0.701131	7.33534	9.2997	1
cg20099929	PIP5-FRY1	0.697003	0.432224	1.33577	1.33577	0.737411	1.28336	1.28336	0.617383	0.776473	-1.28787	0.662802	1.55603	1.55603	0.106789	0.708817	0.822133	-1.1531	0.631632	0.823995	-1.2136	0.525681	0.704753	-1.41959	0.79119	-1.26239	0.818375	1.09129	1.60121	2.20801	1
cg24745316	HCN4	0.697031	0.246726	1.37985	1.37985	0.668145	1.21457	1.12147	0.511373	0.837736	-1.19169	0.852371	1.05077	1.05077	0.953242	1.01571	-1.01571		0.126576	0.644493	-1.55161	0.833911	0.945714	-1.0574	0.527671	1.18541	1.18541	0.898812	1.0344	1.0344	0.701113	0.784582	0.994713	1
cg26428748	TPD52;TPD52;TPD52	0.697036	0.356746	1.89614	1.89614	0.5806	1.45747	1.45747	0.251638	2.24439	2.24439	0.574721	1.46622	1.46622	0.36244	0.531749	-1.88059		0.955032	1.0388	1.0388	0.211733	2.43032	2.43032	0.323845	1.98934	1.98934	0.932875	1.05851	1.05851	0.101109	0.55954	6.41465	1
cg26075051	O324	0.697051	0.363782	1.54747	1.54747	0.536411	0.844336	-1.16456	0.265561	0.952452	-1.04989	-1.0644	0.960942	1.03121	0.547833	1.08263	-1.08263	-1.5046	0.607626	1.707831	-1.42717	0.313773	0.500039	-1.99188	0.170585	0.664353	0.753081	0.180755	0.708811	0.847426	0.664353	0.15308	0.663016	1
cg24521811	C11orf91	0.697051	0.423359	0.758157	-1.72856	0.338139	0.516409	-1.93645	0.175819	0.381603	-2.62052	0.421081	1.7334	1.7334	0.533668	0.655796	-1.52486		0.561494	0.675082	-1.4813	0.929742	0.942687	-1.0608	0.556625	1.48874	1.48874	0.63207	1.97676	1.37976	0.701087	4.97378	6.30612	1
cg15990223	ELMO1;ELMO1;ELMO1	0.697053	0.221634	1.93574	1.93574	0.375496	0.764752	1.10502	0.614736	0.896585	-1.11534	0.901791	1.02691	1.02691	0.515688	1.15231	1.15231		0.546403	1.1862	1.1862	0.651528	1.69304	1.69304	0.327703	0.952186	-1.05123	0.857303	1.22584	1.22584	0.143257	0.712949	-1.40263	0.701191	0.513789	0.653122	1
cg20859089	FBXL20;FBXL20 ZMYM5;ZMYM3;BCYRN1;ZMYM3;ZMY	0.697057	0.5256	0.822648	-1.21559	0.543936	0.829907	-1.20495	0.799159	0.925532	-1.08046	0.249706	0.694102	-1.44071	0.350345	0.746936	1.3388		0.569738	1.1905	0.882243	1.04602	1.04602	0.207809	1.4965	1.4965	0.765686	1.09496	1.09496	0.701078	1.02295	1.29699	1
cg21201934	M3	0.697069	0.273226	0.27888	-3.58577	0.674898	0.623495	-1.60386	0.760922	0.730517	-1.40742	0.275568	3.56177	3.56177	0.507481	2.12339	2.12339		0.172188	0.196448	-5.0904	0.882854	0.847789	-1.17954	0.732161	0.680733	-1.469	0.986496	0.981225	-1.01913	0.701161	13.925	17.6558	1
cg19955419	KIF3B;KIF1B	0.697078	0.535977	1.17175	1.17175	0.722343	1.09442	1.09442	0.706931	1.10023	1.10023	0.908193	0.971248	-1.0296	0.420623	0.81215	-1.2313		0.23572	1.36923	1.36923	0.24635	1.35878	1.35878	0.990305	0.996932	-1.00308	0.1844	1.42768	1.42768	0.701048	0.710084	0.900346	1
cg25729094	NUFIP1	0.697085	0.615764	1.40538	1.40538	0.504154	0.824384	-1.47889	0.472553	0.617936	-1.93074	0.932082	0.950148	-1.05247	0.983282	0.904554	-1.10955		0.857204	1.02554	-1.08534	0.815165	0.744803	1.34295	0.142385	1.42385	1.42385	0.895281	0.942008	-1.06156	0.700109	0.28498	0.89726	1
cg16555536	RAB37;RAB37;RAB37;RAB37	0.697093	0.224394	0.333126	-3.00186	0.564407	1.65172	1.65172	0.415338	0.488164	-2.04849	0.849322	1.178	1.178	0.226555	0.335002	2.98506		0.326432	0.417845	-2.39323	0.526623	0.575461	-1.73774	0.746129	0.755942	-1.32285	0.551791	1.67957	1.67957	0.701027	2.36663	10.4439	1
cg16666560	PTCD2;MRPS27	0.697108	0.722418	1.13715	1.13715	0.740928	0.887316	-1.12699	0.321993	0.691664	-1.44579	0.781715	1.10527	1.10527	0.841351	0.93033	-1.07489		0.218325	1.59451	1.59451	0.317704	1.45086	1.45086	0.571765	1.22863	1.22863	0.253616	1.53663	1.53663	0.701007	1.44151	1.82785	1
cg20088678	RNF113A;NDUFA1;RNF113A	0.697116	0.190802	0.14631	-6.83741	0.972824	1.03545	1.03545	0.777428	0.700225	-1.42405	0.149071	1.54661	1.54661	0.0502	0.646455	-1.54707		0.131326	0.184697	-5.41297	0.731357	0.807666	-1.23844	0.107757	1.01773	1.01773	0.837164	1.00777	1.00777	0.701004	0.085194	0.796810	0.085194	0.796810	0.701004	0.085194	0.796810	0.701004	0.085194	0.796810	0.701004

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03475621	MSC;ZSCH	0.69778	0.478475	0.835373	-1.234	-1.36373	1.51464	1.31464	0.16313	1.54398	1.54398	0.56479	0.840787	-1.18936	0.747837	0.910171	-1.09869	0.791984	1.08018	1.08018	0.512354	0.823745	-1.21397	0.372259	1.30643	1.30643	0.997557	1.00089	0.700051	0.94402	1.19867	1
cg10361585	STK32C ASFMR1;FMR1;ASFMR1;ASFMR1;ASFM	0.697794	0.764113	1.06864	1.06864	0.314098	1.25816	1.25816	0.756383	0.933658	-1.07106	0.80378	0.946567	-1.05645	0.256255	0.769969	-1.29875	0.231495	0.758178	-1.31895	0.399411	1.20961	0.641318	0.901683	-1.10904	0.752775	1.07219	1.07219	0.700031	0.539473	0.685016	1
cg04552106	R1;ASFMR1 HOMER3;HOMER3;HOMER3;HOMER3;	0.697813	0.40187	0.245236	-4.07771	0.689902	0.518397	-1.92902	0.734812	0.57294	-1.74538	0.248857	0.20364	0.20364	0.649213	2.11741	2.11741	0.141685	0.0751241	-13.3113	0.756006	1.66633	1.66633	0.760961	1.64849	1.64849	0.952665	1.10213	1.10213	0.700003	29.7533	37.7817	1
cg12568707	HOMER3 ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC1	0.697816	0.357648	1.6802	1.6802	0.17242	2.21807	2.21807	0.878336	1.08766	1.08766	0.54633	1.3978	1.3978	2.23249	0.503172	-1.98739	0.925144	1.0529	1.0529	0.39661	1.6099	1.6099	0.744784	1.19387	1.19387	0.619373	1.31612	1.31612	0.699999	3.33597	4.23616	1
cg16087441	6;ZDHHC16	0.697818	0.418569	0.844192	-1.18456	0.88256	0.970164	-1.03075	0.346009	0.81966	-1.22002	0.390694	1.19749	1.19749	0.400367	0.838284	-1.19291	0.803453	0.950184	-1.05243	0.177865	1.34097	1.34097	0.750724	0.936777	-1.06749	0.940909	1.01531	1.01531	0.699996	0.465514	0.591133	1
cg11874451	ITGB1BP1 IQSEC1;IQSEC1	0.697821	0.691412	0.871948	-1.14686	0.153068	1.1693	1.1693	0.950742	0.979006	-1.02144	0.787522	1.09722	1.09722	0.866189	0.85042	-1.17604	0.228375	1.54373	1.54373	0.194223	1.6027	1.6027	0.758259	0.899404	-1.11185	0.870277	1.05774	1.05774	0.699992	1.30766	1.66054	1
cg11776124	ZBTB11;LOC100009676 WDR81;WDR81;WDR81;WDR81;	0.697822	0.967034	1.01373	1.01373	0.571968	1.20736	1.20736	0.207751	1.55005	1.55005	0.586433	0.83421	-1.19871	0.928803	0.970943	-1.02993	0.347654	1.37583	1.37583	0.341184	0.72352	-1.38213	0.56088	0.823642	-1.21432	0.418824	0.761418	-1.31334	0.699992	1.20696	1.53267	1
cg21824343	WDR81;WDR81	0.697823	0.597483	0.827415	-1.2083	0.472795	1.84297	1.84297	0.154642	1.56166	1.38986	1.54098	0.556356	1.81107	0.945619	1.06535	-1.06116	0.283877	0.433429	-2.30718	0.104931	0.164423	1.16033	0.907792	1.1251	1.1251	0.962912	0.965854	1.03535	0.699989	0.19567	7.86764	1
cg06035830	RAP2B;RAP2B	0.697841	0.503582	0.838403	-1.19274	0.994090	1.00192	1.00192	0.979813	1.00695	1.00695	0.847246	0.951455	-1.05135	0.846006	1.05158	1.05158	0.473947	0.827698	-1.20817	0.0666253	0.586220	-1.70582	0.806821	1.06568	1.06568	0.350242	0.779057	-1.2836	0.699964	0.747491	0.949244	1
cg12545958	RBMS1;RBMS1	0.697844	0.309613	1.66707	1.66707	0.673913	0.81017	-1.23431	0.74891	0.85238	-1.17319	0.427317	1.49651	1.49651	0.604764	1.29655	1.29655	0.577609	0.7	1.5	0.441802	0.676976	-1.47716	0.899141	1.59327	1.59327	0.248665	1.82227	1.82227	0.684463	2.38408	3.48314	1
cg02269161	SYT9	0.697932	0.294232	0.994736	-1.00529	0.508088	1.11596	1.11596	0.918094	1.10695	1.10695	0.780091	1.0468	1.0468	0.746686	0.948419	-1.05439	0.555367	0.90713	-1.10238	0.0976034	0.740039	-1.34582	0.321549	1.18216	1.18216	0.968917	0.993653	-1.00639	0.69944	0.295986	0.375888	1
cg07033901	NUAK2	0.697872	0.364282	1.18542	1.18542	0.907021	1.02155	1.02155	0.655554	1.08536	1.08536	0.829676	1.04009	1.04009	0.387512	1.17539	1.17539	0.914272	1.01984	1.01984	0.642373	0.918213	-1.08907	0.299301	1.21653	1.21653	0.0888215	1.4084	1.4084	0.699992	0.369011	0.468639	1
cg08735226	TNFRSF8;TNFRSF8	0.697883	0.11107	0.47027	-2.00954	0.0912256	1.00443	1.00443	0.785502	1.11592	1.11592	0.605442	1.23308	1.23308	0.386988	0.70014	-1.42834	0.57454	1.25613	1.25613	0.0778347	0.895295	-1.11695	0.408646	1.40463	1.40463	0.721307	0.865884	-1.15489	0.699904	1.7914	2.27553	1
cg01351421	TTC26;TTC26;TTC26	0.697889	0.917907	0.979425	-1.02101	0.48081	1.15547	1.15547	0.74146	1.06904	1.06904	0.214466	1.30136	1.30136	0.964019	0.990945	-1.00914	0.119637	0.711406	-1.40567	0.854818	1.03762	1.03762	0.681959	1.08664	1.08664	0.916634	1.02134	1.02134	0.699896	0.45073	0.572441	1
cg14878009	PPP1R7	0.697906	0.6762	0.91735	-1.0901	0.386173	0.819324	-1.20016	0.899251	1.02636	1.02636	0.992703	0.995557	-1.00446	0.979326	0.996402	-1.00534	0.699998	1.08277	1.08277	0.0809827	1.15605	1.15605	0.965037	0.996156	-1.00386	0.725571	0.990124	-1.07553	0.69871	0.467562	0.593839	1
cg00628703	DNAJC30;WBSCR22	0.697951	0.994651	0.994142	-1.00592	0.234451	1.30283	1.30283	0.515978	1.14863	1.14863	0.122803	1.41532	1.41532	0.580847	1.12566	1.12566	0.748726	1.0706	1.0706	0.360869	0.819243	-1.22064	0.912714	1.02355	1.02355	0.880938	0.970255	1.00686	0.699382	0.634258	0.904258	1
cg09938897	TGFB1I1;TGFB1I1;TGFB1I1	0.697912	0.161851	1.89447	1.89447	0.653455	1.21326	1.21326	0.956476	1.02362	1.02362	0.661687	1.20725	1.20725	0.526046	0.75971	-1.31629	0.837617	0.915964	-1.09175	?	?	?	0.752098	0.873237	-1.14516	0.198118	1.78927	1.78927	0.684365	1.76279	2.5758	1
cg25645559	BEX4;BEX4	0.697912	0.328221	0.215607	-4.63937	0.149869	0.898467	-1.11301	0.947122	1.1061	1.1061	0.257782	0.62191	-1.60824	0.0264554	0.558476	-1.79033	0.307646	0.200786	-4.98042	0.581356	0.42882	-2.33198	0.0822993	0.892932	1.38776	0.760283	1.59243	1.59243	0.69962	2.62828	3.21408	1
cg05815255	CBLN1	0.697925	0.466155	1.11008	1.11008	0.842727	0.973038	-1.02771	0.944843	1.00879	1.00879	0.445268	1.15181	1.15181	0.340736	1.14827	1.14827	0.993647	1.00112	1.00112	0.55325	0.920022	-1.08693	0.103165	1.28536	1.28536	0.405877	1.12721	1.12721	0.699844	0.219797	0.279169	1
cg20975074	PRKCZ;PRKCZ;PRKCZ	0.697935	0.484335	0.785627	-1.27287	0.175584	0.613262	-1.63002	0.964799	1.02409	1.02409	0.364922	1.3717	1.3717	0.432337	0.763822	-1.3104	0.614354	0.840573	-1.18985	0.0794722	0.790172	-1.26555	0.881699	1.13405	1.13405	0.135109	0.375599	1.36167	1.36167	0.699838	1.37944	1.62253	1
cg04268405	CHST3	0.697938	0.927765	0.955909	-1.04612	0.760248	1.1644	1.1644	0.337972	0.611879	-1.63431	0.886115	1.07387	1.07387	0.141992	0.456068	2.19266	0.232295	1.8644	1.8644	0.728584	1.18915	1.18915	0.824083	1.11708	1.11708	0.935207	0.960372	-1.04126	0.699826	2.74109	3.48162	1
cg02981443	TMEM98;TMEM98	0.697944	0.24567	0.753368	-1.32737	0.87078	0.962742	-1.0387	0.559564	0.874145	-1.14409	0.480929	0.846017	-1.18187	0.362003	0.797514	-1.2539	0.34383	0.796572	-1.25538	0.0899413	0.646657	-1.54641	0.881236	0.965732	-1.03548	0.989481	1.00308	0.699187	0.602936	0.765833	1
cg15240048	NGEF;NGEF	0.697945	0.511824	1.20624	1.20624	0.524724	0.77773	-1.28279	0.158548	0.555564	1.79997	0.87231	1.06474	1.06474	0.322393	1.48079	1.48079	0.616357	1.23774	1.23774	0.127054	0.816462	1.06542	1.06542	0.513669	1.29473	1.29473	0.453856	1.34655	1.63817	1.6858	2.14102	1
cg23958457	RSU1;RSU1	0.697951	0.33224	0.825284	-1.2117	0.561619	0.916443	-1.09118	0.800949	1.04969	1.04969	0.681262	1.08251	1.08251	0.573214	0.896486	-1.11547	0.242126	1.26493	1.26493	0.596783	1.10793	1.10793	0.557921	0.892476	-1.12048	0.244415	1.26336	1.26336	0.699809	0.408456	0.518816	1
cg08069988	TBX4;2E;TBX4;2#	0.697974	0.290455	1.23452	1.23452	0.7018	0.766297	-1.30848	0.627854	1.35612	1.35612	0.28499	2.21873	2.21873	0.585126	0.668772	-1.49528	0.846758	1.868475	1.868475	0.0116444	0.182408	2.82908	0.742655	1.27154	1.27154	0.314803	1.24118	1.24118	0.699443	5.75861	6.40355	1
cg13640936	FBXW2	0.697976	0.450416	0.916697	-1.08731	0.313028	0.892622	-1.1203	0.090854	0.85087	-1.22479	0.880205	1.01655	1.01655	0.778638	0.96079	-1.03115	0.426116	0.915339	-1.09249	0.753404	0.963751	-1.03766	0.97025	1.09887	1.09887	0.289144	0.887122	1.12772	1.12772	0.699372	0.313323	0.39812	1
cg21929781	MME;1	0.697977	0.445137	0.819368	-1.22045	0.922243	1.0253	1.0253	0.649672	1.12417	1.12417	0.704535	0.907093	-1.10242	0.90206	0.968981	-1.03201	0.406278	1.24291	1.24291	0.117389	1.54543	1.54543	0.564553	0.861514	-1.16075	0.529033	0.849399	-1.1773	0.699771	0.726037	0.922254	1
cg23564928	NUBPL;NUBPL	0.697978	0.917388	0.962615	-1.03896	0.0918	1.03966	1.03966	0.345	0.98429	1.0024	1.0024	1.00766	1.00766	0.879315	0.983429	-1.01767	0.492173	0.773944	-1.29184	0.409027	0.778606	0.724564	1.38076	0.878806	-1.13817	0.351294	0.703012	-1.42245	0.699756	1.49547	1.89967	1
cg13820699	MORC3	0.698003	0.84515	1.03412	1.03412	0.7610048	1.40307	1.40307	0.475242	1.13268	1.13268	0.689404	1.07146	1.07146	0.438742	0.873264	-1.14513	0.93367	0.985818	-1.01439	0.513483	1.11489	1.11489	0.683691	1.07282	1.07282	0.506214	1.12269	1.12269	0.699734	0.326292	0.414496	1
cg13024807	GLOV1	0.698005	0.429085	0.754646	-1.32546	0.871194	0.954065	-1.04863	0.139329	0.795683	1.34225	1.34225	0.588303	1.30434	0.511226	0.955517	-1.04663	0.16804	1.6230	1.6230	0.184101	0.650889	-2.73906	0.0433	1.59054	1.59054	0.0983945	-2.05159	0.375599	1.36167	1.36167	0.699818	1.37944	1.62253	1
cg11188659	C21orf70	0.69801	0.93671	0.933129	-1.07166	0.265277	1.75045	1.75045	0.185128	3.40323	3.40323	0.842555	0.840869	-1.18925	0.318964	0.407544	-2.45372	0.490852	0.543421	-1.84019	0.933328	0.929676	-1.07564	0.766013	0.770982	-1.29705	0.576954	0.61193	-1.63417	0.699723	0.841691	0.10924	1
cg14388993	ZNF41;ZNF41	0.698012	0.245794	0.148322	-6.74209	0.59662	0.431824	-2.31576	0.582803	0.418058	-2.39202	0.214657	0.79641	0.79641	0.44788	3.37381	3.37381	0.376473	0.240066	-4.16552	0.598193	0.433408	-2.30729	0.891958	0.791685	-1.26313	0.808825	0.683131	-1.46385	0.699721	27.3902	34.795	1
cg12304200	ALDH18A1;ALDH18A1	0.698038	0.351138	1.20452	1.20452	0.714258	1.47222	1.47222	0.364141	1.18915	1.18915	0.562066	0.823553	1.21447	0.594984	1.02891	1.02891	0.595127	1.03467	1.03467	0.839446	1.17805	1.17805	0.512084	0.783977	-1.13125	0.515136	1.26056	1.26056	0.699847	1.72907	2.15705	1
cg11678027	C13orf38;C13orf38	0.698041	0.135194	0.410183	-2.43793	0.389028	0.613543	-1.62988	0.331396	0.574317	-1.7412	0.887574	1.08142	1.08142	0.334789	0.57669	-1.73403	0.210361	0.481704	-2.07597	0.475171	0.669078	-1.49459	0.848594	0.899635	-1.11156	0.418038	1.632579	-1.58083	0.699679	3.39346	4.31113	1
cg06554228	ZC3H3	0.698053	0.911295	1.04193	1.04193	0.523134	1.26937	1.26937	0.900667	1.0471	1.0471	0.76413	0.895011	-1.1173	0.43147	1.35728	1.35728	0.329976	0.690365	1.44851	0.0934517	1.97397	1.97397	0.861987	1.05629	1.05629	0.920972	1.03725	1.03725	0.699663	1.50544	1.91259	1
cg10051615	C4orf38;WWC2	0.698064	0.456839	0.647164	-1.5452	0.829988	1.13143	1.13143	0.289003	1.8815	1.8815	0.424466	0.625988	-1.59747	0.555834	0.710251	-1.40795	0.830704	0.884305	-1.13083	0.539165	0.699748	-1.42909	0.249763	1.99519	1.99519	0.44834	1.55851	1.55851	0.699647	3.65427	4.64268	1
cg09340980	UBE2Q;AANAT	0.698078	?	?	?	?	1.38474	1.38474	0.464641	0.858815	1.1644	0.459759	1.59541	1.59541	?	?	?	0.955504	0.966351	-1.03482	?	?	?	?	1.08082	1.08082	0.641269	1.86102	1.03786	1
cg25652053	SYNJ1;TMP1;SYN1	0.698084	0.504274	0.793356	-1.26047	0.6299	1.18041	1.18041	0.746759	0.895218	-1.11705	0.947504	1.02275	1.02275	0.148073	0.585584	1.69899	0.978756	1.00914	1.00914	0.95651	0.832807	-1.20076	0.28387	?	1.46275	1.46275	0.359144	0.724636	1.38	0.969619	0.29299	1.64278	1
cg05200254	MCTS1;MCTS1;MCTS1	0.698093	0.407803	0.731999	-1.36625	0.8429	0.943703	-1.05977	0.0966	0.824353	1.21314	0.185859	0.9744	0.9744	0.683256	0.978707	-1.0222	0.245353	1.45644	1.45644	0.0466	0.542454	1.84267	0.198155	0.54254	1.84267	0.198155	0.54254	1.84267	0.198155	0.54254

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247 vs. N)	Fold-Change(247 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg20239364	CDK15	0.688849	7	7	0.50575	0.144602	-6.91553	0.885745	1.49994	1.49994	0.627217	1.63046	4.01846	0.781372	2.19486	2.19486	0.249149	0.028286	-35.4502	7	0.402353	0.083966	-11.9096	0.046639	47.2001	48.6619	1
cg08943906	NAT15;NAT15;NAT15	0.69885	0.0626831	3.43487	0.434687	0.910662	0.936015	-1.06836	0.547969	1.4307	0.334147	1.79828	1.79828	0.981291	1.02295	1.02295	0.78046	0.848226	-1.17893	0.975064	1.01858	1.018512	1.47105	1.47105	0.811335	1.15129	1.15129	0.698531	3.43865	4.886	1
cg14798514	SMARCA4;SMARCA4;SMARCA4	0.698862	0.597062	1.10956	1.10956	0.586185	1.113307	1.113307	0.66528	1.08853	1.08853	0.089577	1.44013	1.44013	0.485707	1.14803	1.14803	0.510284	0.877967	-1.13899	0.470643	0.866737	-1.15375	0.835563	1.04134	1.04134	0.9056	1.02339	1.02339	0.698513	0.420126	0.534631	1
cg07542287	HDAC4	0.698868	0.285311	6.2287	0.6285	0.836537	-1.9572	-1.0456	0.644647	1.22646	1.22646	0.368213	1.50116	1.50116	0.314575	1.57949	1.57949	0.301542	1.60075	1.60075	0.128914	2.05697	2.05697	0.623169	1.24319	1.24319	0.554466	1.30056	1.30056	0.698505	2.13722	2.71974	1
cg10878459	SMARCA5	0.698869	0.550349	0.672878	-1.48615	0.849314	1.13259	1.13259	0.613688	2.68815	2.68815	0.530751	0.659404	-1.51652	0.191534	0.401335	-2.49168	0.968226	0.974267	-1.02641	0.817941	0.859891	-1.16294	0.76111	0.819007	-1.22099	0.752154	2.30054	2.30054	0.698133	4.63655	5.1655	1
cg00638992	ARID3B	0.698878	0.64952	1.15608	1.15608	0.892352	0.957985	-1.04386	0.477717	0.795456	0.795456	-1.25714	0.517917	0.812367	-1.23097	0.668592	1.4428	1.4428	0.19193	0.645005	-1.55038	0.201935	1.53287	1.53287	0.772079	1.09617	1.09617	0.71098	1.12523	1.12523	0.69849	1.11176	1.41481	1
cg19280064	TGIF5	0.698891	0.899279	0.937554	-1.0666	0.297256	0.576799	-1.73371	0.459229	0.68131	-1.46776	0.913849	0.946385	-1.05665	0.894712	1.06975	1.06975	0.241223	0.535423	-1.86768	0.489836	1.42933	1.42933	0.747744	1.17859	1.17859	0.244839	1.85797	1.85797	0.698472	2.86838	3.65036	1
cg08494948	CREBBP;CREBBP	0.698892	0.197078	5.56917	-1.75631	0.026544	0.715649	1.39733	0.994611	1.00279	1.00279	0.397023	1.43074	1.43074	0.29052	0.615684	-1.57311	0.738636	1.14832	1.14832	0.881813	0.940406	-1.06397	0.954314	1.02356	1.02356	0.271512	0.623269	-1.60444	0.698471	1.88703	2.40147	1
cg03445454	FZD7;FZD7	0.69883	0.358119	0.423673	2.36031	0.267734	2.85533	2.85533	0.972081	1.03232	1.03232	0.587358	2.50389	2.50389	0.434258	0.334921	-2.98578	0.848666	1.18959	1.18959	0.536614	0.566287	-1.76589	0.826705	0.819339	-1.2205	0.653132	0.66291	-1.5085	0.69847	0.91599	1.61267	1
cg21923990	KANK3	0.698917	0.741205	0.87673	-1.1406	0.534671	0.779114	-1.28351	0.273133	0.635896	-1.57258	0.669476	0.843285	-1.18584	0.383368	0.701299	-1.42593	0.508045	0.766024	-1.30544	0.118201	0.509997	-1.9608	0.471297	1.3376	1.3376	0.903908	1.04911	1.04911	0.698435	1.74293	2.2182	1
cg19164253	DNTTIP2	0.698928	0.422561	1.74909	-2.36031	0.255804	1.14993	1.14993	0.474482	1.35201	1.35201	0.604499	1.97197	1.97197	0.313124	0.550513	-1.81645	0.387279	1.44655	1.44655	0.338029	0.575221	-1.73846	0.66379	0.554579	-1.62475	0.961777	1.02017	1.02017	0.698419	1.9197	2.44321	1
cg11670519	BMP7;BMP7	0.69895	0.618045	1.08594	1.08594	0.50336	1.117782	1.117782	0.311528	1.18734	1.18734	0.953165	0.990413	-1.00968	0.482553	1.24191	1.24191	0.483704	1.18734	1.18734	0.953165	0.990413	-1.00968	0.913987	0.982436	-1.01788	0.698388	0.297524	0.37868	1
cg07062885	LYPD1;LYPD1;LYPD1	0.698955	0.283461	0.889124	-1.12412	0.954348	1.01012	1.01012	0.256276	2.36567	2.36567	0.310961	0.831746	-1.20228	0.317482	1.2035	1.2035	0.602324	0.9104	-1.09885	0.971584	1.02895	1.02895	0.646357	1.08634	1.08634	0.872393	0.971551	1.02928	0.69838	0.35544	0.453299	1
cg03114746	SRC;SRC;SRC	0.698957	0.624558	0.570161	-1.75389	0.871468	1.20254	1.20254	0.447102	0.489953	-2.04101	0.863013	0.821427	-1.21739	0.327939	0.310565	-3.15891	0.665433	0.609226	-1.64143	0.799784	1.33574	1.33574	0.09823568	0.126722	-7.89131	0.42268	2.54176	2.54176	0.698379	14.3509	18.2657	1
cg12975709	TNS3	0.698977	0.212572	0.6085	-1.64339	0.220426	0.614175	-1.6282	0.624122	1.20547	1.20547	0.633774	0.833931	-1.19114	0.194775	0.595145	-1.68026	0.789828	0.903863	-1.10636	0.613985	1.10063	1.10063	0.736994	1.13602	1.13602	0.613908	0.824907	-1.21226	0.698351	1.58346	2.01549	1
cg16895026	PCDH7	0.699037	0.352686	0.619487	-1.59325	0.810973	0.898865	-1.11251	0.902688	1.24671	-1.05629	0.628091	1.24671	1.24254	1.24254	0.188007	0.553766	1.18606	0.953475	1.03794	1.03794	1.55188	1.55188	0.424529	0.695715	1.43737	0.69835	2.18884	2.18884	2.78601	1
cg15056247	OSE;TSPYL1;TSPYL1	0.698984	0.161311	1.71064	1.71064	0.358011	0.712319	-1.40387	0.8158	0.919665	-1.08735	0.594819	1.21246	1.21246	0.460614	1.30943	1.30943	0.223498	1.58249	1.58249	0.576797	1.22426	1.22426	0.941519	1.02668	1.02668	0.670153	1.16622	1.16622	0.698341	1.42456	1.81326	1
cg11100341	CAGE1;CAGE1;CAGE1	0.698988	0.562119	1.16974	1.16974	0.063099	1.74923	1.74923	0.830485	0.947196	-1.05575	0.535513	1.38375	1.38375	0.678392	0.894458	-1.11799	0.809527	0.93745	-1.06672	0.54405	1.17852	1.17852	0.90981	0.9701444	-1.03077	0.688186	1.11395	1.11395	0.698334	0.79133	1.00726	1
cg15183961	ANKRD20A2;ANKRD20A9	0.698995	0.284777	0.59044	-1.69312	0.316376	1.52682	1.52682	0.864021	1.07734	1.07734	0.697666	1.52575	1.52575	0.487902	1.23841	1.23841	0.906443	1.03632	1.03632	0.604506	1.1718	1.1718	0.88098842	1.7668	1.7668	0.724197	1.11348	1.11348	0.698324	1.01826	1.29613	1
cg04498801	MFSD10;MFSD10	0.698997	0.175461	1.13782	1.13782	0.36882	1.22565	1.22565	0.43029	1.19418	1.19418	0.994592	1.0015	1.0015	0.878874	0.966942	-1.03419	0.476792	0.852594	-1.17289	0.269023	1.28886	1.28886	0.386155	1.21633	1.21633	0.85206	0.959682	-1.04201	0.698321	0.537435	0.684097	1
cg00449344	B4GALNT3	0.699008	0.822174	1.10936	1.10936	0.510037	1.14983	1.14983	0.918931	1.06018	1.06018	0.579655	1.29427	1.29427	0.347271	0.640059	-1.56236	0.798665	1.12507	1.12507	0.51229	1.98945	1.98945	0.60327	1.27345	1.27345	0.84664	1.09338	1.09338	0.69832	2.95089	2.99244	1
cg24035035	PRKAG2;PRKAG2	0.699012	0.474693	0.622033	-1.60691	0.345028	0.530738	-1.88616	0.724172	1.26002	1.26002	0.624903	0.948122	-1.05472	0.488254	0.631664	-1.58312	0.485518	0.629779	-1.58786	0.249544	0.456049	-2.19275	0.161543	0.377051	-2.65216	0.545558	1.49049	1.49049	0.698134	4.70782	5.59261	1
cg16782234	SLC25A13;SLC25A13;SLC25A13	0.699018	0.904658	1.24363	1.24363	0.749693	1.61772	1.61772	0.82478	1.07185	1.07185	0.668356	1.79912	1.79912	0.823304	1.50008	1.50008	0.222469	0.807737	-1.23841	0.508398	0.667132	1.50132	1.50132	0.550308	1.81808	1.81808	0.698295	3.02002	3.06828	1
cg09370442	CHP;EXD1	0.699033	0.93696	-1.01536	1.01536	0.315069	0.818585	-1.22162	0.373605	0.838623	-1.19243	0.71791	0.932482	-1.07241	0.423149	0.845155	1.17075	0.944557	1.88434	-1.1255	0.285893	1.23808	1.23808	0.447329	0.863366	-1.16095	0.403926	1.17889	1.17889	0.69827	0.410628	0.522724	1
cg03183873	RUFY2;RUFY2;RUFY2	0.69904	0.578991	0.616831	-1.62119	0.2305	0.27648	2.97648	0.78021	1.52008	1.52008	0.69064	1.16369	1.16369	0.629601	1.52008	1.52008	0.708129	0.723308	-1.38254	7	7	7	7	0.195657	1.28088	1.28088	0.663862	5.92895	8.93368	1
cg24600724	UNC5A	0.69904	0.233464	1.93108	1.93108	0.074068	1.24585	1.24585	0.209938	2.72071	2.72071	0.417142	1.79719	1.79719	0.513529	0.66692	1.5007	0.999725	1.00004	1.00004	0.943998	0.992606	-1.00745	0.276425	0.887279	-1.12704	0.716694	0.962233	-1.03925	0.697982	0.123369	0.157111	1
cg10401914	SEL1L3	0.699058	0.202581	0.406439	-2.4604	0.465783	1.64338	1.64338	0.560879	1.48221	1.48221	0.455186	0.601055	-1.66374	0.236058	0.435621	-2.29558	0.994211	1.00487	1.00487	0.656078	0.740836	-1.34983	0.55127	0.668009	-1.49699	0.380402	0.551983	-1.81365	0.698234	0.954315	0.630562	1
cg03638566	RPIA	0.699063	0.344606	0.881164	-1.13496	0.403101	0.1132	2.1132	0.307458	1.15213	1.15213	0.660784	0.981553	-1.01847	0.338557	0.819688	-1.22006	0.882134	1.01964	1.01964	0.485284	0.931245	-1.0974	0.662483	0.844186	1.15824	1.15824	0.590131	0.98045	-1.0712	0.668186	0.189973	0.241863	1
cg14059978	LOC400657	0.699106	0.896011	0.917146	-1.09034	0.308273	1.20887	2.0087	0.622393	1.38861	1.38861	0.395929	1.77714	1.77714	0.389704	1.81185	1.81185	0.64871	1.35439	1.35439	0.154642	0.364908	-2.74042	0.775113	0.20859	1.20859	0.850099	1.886117	1.12852	0.698166	1.8371	6.15849	1
cg18150439	NXPH2	0.699119	0.982192	0.992249	-1.00781	0.367632	1.38076	1.38076	0.674923	1.15842	1.15842	0.386996	1.36226	1.36226	0.326361	1.42372	1.42372	0.368554	0.72471	-1.37986	0.294104	0.684279	-1.46139	0.850081	1.06819	1.06819	0.424676	1.32875	1.32875	0.698148	1.34394	1.71112	1
cg04479961	TYMS;C18orf56	0.699124	0.611991	1.12511	1.12511	0.465532	1.38112	1.38112	0.517253	0.836057	-1.20185	0.489453	0.8234	-1.21455	0.484613	0.824	-1.21352	0.520302	0.696282	-1.4362	0.340561	1.10707	1.10707	0.716127	0.10793	1.10793	0.472722	0.813415	1.22958	0.698141	0.88404	1.12558	1
cg16620996	RFC1	0.699144	0.231107	1.29702	1.29702	0.369381	2.12029	2.12029	0.279972	1.26178	1.26178	0.823764	1.04726	1.04726	0.624709	1.11417	1.11417	0.474262	1.16261	1.16261	0.995749	1.0011	1.0011	0.524962	0.875137	-1.14268	0.174582	1.34848	1.34848	0.698133	0.473932	0.603445	1
cg18307966	ACTR3B;ACTR3B	0.699148	0.427678	1.24263	1.24263	0.548993	1.63762	1.63762	0.773127	1.22478	1.22478	0.566836	1.79912	1.79912	0.623594	1.08153	1.08153	0.368221	1.34684	1.34684	0.155368	0.568324	-1.75936	0.713596	0.743747	1.34547	1.34547	0.708319	0.998804	1.00122	0.69832	0.94407	1.16244	1
cg12661262	FLJ22536	0.699181	0.40236	0.820932	-1.21813	0.946965	0.981352	-1.019	0.772283	0.921171	-1.08558	0.580585	0.854013	-1.17094	0.877768	0.957383	1.04451	0.998343	0.999413	-1.00059	0.267472	1.38665	1.38665	0.185601	1.48764	1.48764	0.272356	1.38168	1.38168	0.69806	0.8852844	1.1273	1
cg21224347	NR6A1;NR6A1	0.69902	0.431076	1.23893	1.23892	0.865681	1.04617	1.04617	0.575816	1.16265	1.16265	0.875375	0.959021	-1.04273	0.248861	1.37896	1.37896	0.982811	1.00576	1.00576	0.144236	0.658242	-1.5192	0.832958	0.945251	-1.05792	0.503618	1.19834	1.19834	0.698034	0.785716	1.00055	1
cg01093183	STK19;STK19;DOM3Z;STK19	0.699222	0.607345	1.09474	1.09474	0.647668	1.12585	1.12585	0.724867	1.20398	1.20398	0.72071	1.22577	1.22577	0.703532	0.809881	1.22577	1.22577	0.703532	0.809881	1.22577	1.22577	0.703532	0.809881

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg13947272	PMVK	0.700163	0.550728	1.137707	0.12707	0.889807	0.1908	1.1908	0.564983	0.89112	1.12218	0.598439	0.900044	-1.11106	0.236306	1.27877	1.27877	0.415169	1.47945	1.17945	0.102704	1.10971	1.10971	0.285956	0.802609	-1.01163	0.696666	0.433258	0.552802	1
cg20131219	PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.70017	0.08515598	0.08178881	-12.2267	0.460077	0.326924	-3.05881	0.781383	1.44186	0.44196	0.893973	0.989717	-1.01039	0.628723	1.89816	1.89816	0.703775	0.605021	-1.65283	0.311738	0.252449	-3.9612	0.559967	0.460563	-2.17126	0.821085	0.74234	-1.34709	0.696656	19.0901	24.3578	1
cg27498434	GSR	0.700193	0.5809518	1.22002	1.22002	0.887206	0.950642	-1.05192	0.893487	0.953345	-1.04894	0.606769	1.20342	1.20342	0.381518	0.726066	-1.37729	0.184059	0.604965	-1.65299	0.997827	0.999029	-1.00097	0.910066	1.04112	1.04112	0.15199	0.578476	-1.72868	0.696623	1.40345	1.79079	1
cg05627785	MPZ;MPZ	0.700194	0.4243865	0.713165	-1.40215	0.561601	1.275268	1.275268	0.5335016	0.770827	-1.29731	0.626976	0.616616	-1.62176	0.137923	0.515893	-1.93839	0.315315	0.6504	-1.53751	0.446217	0.721721	-1.38558	0.557046	0.781873	-1.27898	0.525353	0.765946	-1.30557	0.696622	1.893382	2.41651	1
cg10625737	CLRN1;CLRN1	0.700219	0.7406651	0.848861	-1.17805	0.2508589	0.553088	-1.80803	0.0943234	0.4036618	-2.47759	0.668677	0.808656	-1.23662	0.62678	0.785261	-1.27346	0.545105	0.739252	-1.35275	0.672525	0.699235	-1.43013	0.876106	0.08001	0.80001	0.240199	0.545182	-1.83425	0.696586	2.6848	3.42598	1
cg08374697	SORCS3	0.700229	0.952642	1.00725	1.00725	0.834886	0.974948	-1.0257	0.793226	1.03245	1.03245	0.724157	0.957843	1.00743	0.794351	-1.04401	0.507018	0.924432	-1.08527	0.548563	0.928867	-1.07658	0.604986	0.938543	-1.06548	0.906256	1.13742	1.13742	1.118567	1.2287	1.226737	0.163009	0.208014	1
cg10547378	FAM134A;C2orf24	0.700233	?	?	?	0.706476	1.54454	1.54454	0.593286	0.538241	-1.8579	0.266877	3.75758	3.75758	0.43772	2.48337	2.48337	0.15652	5.70592	5.70592	0.575771	0.522247	-1.9148	0.934462	0.909824	-1.09911	0.722083	1.50738	1.50738	0.681016	12.6587	18.5879	1
cg13179568	CSTF2	0.700234	0.112907	0.159906	-6.25367	0.973278	0.965039	1.036623	0.78115	0.744235	-1.34366	0.512376	2.02857	2.02857	0.579387	0.559615	-1.81286	0.167292	0.209306	-4.77794	0.746591	0.708609	-1.41127	0.986289	0.981909	-1.01842	0.993457	0.991327	-1.00875	0.696557	12.4518	15.8899	1
cg22535566	LYSMD2;LYSMD2	0.700252	0.917886	1.04401	1.04401	0.596494	1.24968	1.24968	0.87585	1.06748	1.06748	0.475839	1.35367	1.35367	0.181224	0.55276	-1.8091	0.757892	1.13785	1.13785	0.14263	0.714268	1.71468	1.71468	0.901087	0.949393	1.05338	1.05338	0.696539	1.92432	2.45573	1
cg21139190	NAP1L4	0.700254	0.461446	0.925121	-1.08094	0.438628	1.08546	1.08546	0.307692	1.11585	1.11585	0.31504	1.11388	1.11388	0.387979	0.91224	-1.0962	0.735315	0.965389	-1.03585	0.531965	0.936394	-1.06793	0.591392	1.05787	1.05787	0.508118	1.07218	1.07218	0.696537	0.111888	0.151709	1
cg21777768	TAS2R5;TAS2R5	0.700328	0.192979	0.562804	-1.77731	0.832163	0.195555	1.155555	0.896741	0.947278	-1.05566	0.910048	0.938428	1.06458	0.533796	0.768826	-1.30067	0.519064	0.483097	-2.06958	0.954428	0.924318	-1.08171	0.937055	0.924318	-1.08171	0.937055	0.730103	-1.36967	0.696499	1.919553	2.44975	1
cg24152080	SCP2;SCP2;SCP2;SCP2	0.700363	0.533625	0.699239	-1.43013	0.493778	0.143343	1.48343	0.393053	1.64296	1.64296	0.194714	2.17803	2.17803	0.266247	0.518219	-1.92969	0.883956	1.08641	1.08641	0.78268	0.854771	-1.1699	0.667529	0.782532	-1.2779	0.651715	1.29415	1.29415	0.696496	3.55222	4.53345	1
cg14427527	BSS14	0.700302	0.772568	0.8685389	-1.15129	0.877299	1.185172	1.185172	0.225622	1.85639	1.85639	0.142358	1.60899	1.60899	0.453848	0.690089	-1.44909	0.650393	0.801063	-1.2484	0.634129	0.790081	-1.2655	0.697801	0.82721	-1.20888	0.237515	1.82476	1.82476	0.696468	2.60708	3.32736	1
cg04195127	WFDC1	0.700303	0.47515	0.69992	-1.42834	0.734156	0.845803	-1.18231	0.570561	0.813239	-1.22965	0.621083	0.782858	-1.27737	0.135019	0.543127	-2.20589	0.390529	0.649038	-1.54074	0.514444	0.472898	-2.11462	0.59623	1.30045	1.30045	0.824142	0.80642	-1.11555	0.696467	2.6625	3.3981	1
cg21402832	TNFSF10	0.700308	0.615836	1.37557	1.27557	0.58009	1.30846	1.30846	0.897429	0.939838	-1.06401	0.892836	1.06699	1.06699	0.915501	0.749717	-1.33384	0.690926	0.825085	1.212	0.572691	1.31552	0.6684673	2.66787	2.66787	0.613978	1.27723	1.27723	0.696466	2.55306	3.25846	1
cg18238808	CDC42EP4	0.700321	0.360063	0.8441	1.36843	0.705401	1.11211	1.11211	0.839272	1.07004	1.07004	0.230383	1.52222	1.52222	0.77692	1.0993	-1.10982	0.762726	0.903995	-1.1062	0.151064	1.67005	1.67005	0.179317	1.60879	1.60879	0.602293	1.19155	1.19155	0.696441	1.22562	1.5645	1
cg19175226	STK32C	0.700322	0.646543	1.21798	1.21798	0.950107	1.02709	1.02709	0.827984	0.91125	-1.09739	0.566216	1.28101	1.28101	0.263834	1.64452	1.64452	0.117543	2.06679	2.06679	0.175331	1.85064	1.85064	0.617129	1.24019	1.24019	0.875522	1.06924	1.06924	0.696441	2.01191	2.56786	1
cg20167781	CDH715	0.700324	0.375115	0.809565	-1.23491	0.557333	1.14637	1.14637	0.266542	0.76607	-1.30533	0.738178	0.925688	-1.08038	0.456284	1.19081	1.19081	0.247608	0.75747	-1.32075	0.76316	1.06556	0.66556	0.495809	0.852841	-1.17255	0.574586	1.13952	1.13952	0.696438	0.584375	0.74586	1
cg07846874	THSD7A	0.70036	0.576681	1.33955	1.33955	0.518678	0.530968	-1.88305	0.945186	1.83037	1.83037	0.649186	1.68376	1.68376	0.395659	0.571703	-1.69032	0.438808	0.407309	-2.45514	0.992118	0.721139	1.37139	1.37139	0.645258	1.24858	-1.0066	0.696387	14.2754	18.2216	1
cg14560040	SURF6	0.70037	0.798687	1.05413	1.05413	0.795044	1.05516	1.05516	0.342115	1.2237	1.2237	0.493885	0.864499	-1.15407	0.272992	0.790328	-1.2653	0.417264	0.842839	-1.18647	0.963411	0.990583	-1.00951	0.693409	1.08515	1.08515	0.199196	0.755944	-1.32285	0.696371	0.469168	0.598874	1
cg14665523	PAPSS2;PAPSS2	0.700376	0.532621	1.51917	1.51917	0.737904	0.9555	1.0555	0.545315	0.665756	1.50205	0.504704	1.49051	1.49051	0.276884	0.743201	-1.34537	0.415002	1.73865	1.73865	0.206864	0.414472	2.41271	2.41271	0.567003	1.12495	0.88826	1.00978	1.00978	0.696363	4.82767	6.1624	1
cg26109885	APOE	0.70381	0.181279	0.809782	-1.2349	0.350093	1.15372	1.15372	0.94081	0.990362	-1.00973	0.425373	0.886018	-1.12865	0.960549	0.916308	-1.09134	0.660735	0.936449	-1.06786	0.337629	0.863329	-1.15831	0.581293	0.920526	-1.08634	0.277309	0.845379	-1.18289	0.696356	0.243754	0.311149	1
cg13553396	SRP68	0.703819	0.928413	1.07718	1.0231	0.853742	1.0478	1.0478	0.773742	0.97057	1.03057	0.621351	1.019329	1.019329	0.368276	1.26345	1.26345	0.306183	0.743838	1.34457	0.107	1.23932	0.810546	-1.23393	0.643046	-1.46833	0.697519	1.10389	1.10389	0.696354	0.780204	0.981474	1
cg19666787	ZMIZ1	0.70039	0.627459	1.39794	1.39794	0.122926	1.14197	1.14197	0.255502	2.25499	2.25499	0.446861	1.70076	1.70076	0.769374	0.817595	1.2231	0.525062	1.55452	1.55452	0.301081	2.08331	2.08331	0.532087	1.54268	1.54268	0.308469	2.05864	2.05864	0.696343	5.17473	6.60559	1
cg18707500	PDN6;WDR46;WDR46	0.700402	0.281409	1.43069	1.43069	0.639888	1.16271	1.16271	0.358683	1.35251	1.35251	0.331282	0.726664	-1.37615	0.462294	1.47389	1.47389	0.452327	0.782738	-1.27757	0.942094	1.02351	1.02351	0.616017	1.17559	1.17559	0.938634	1.02494	1.02494	0.696326	1.12879	1.44005	1
cg15853812	KDM6B;TMEM6B	0.700429	0.212603	1.32994	1.32994	0.705401	1.83765	1.83765	0.707359	1.05504	1.05504	0.242829	1.25063	1.25063	0.204551	1.83972	1.83972	0.75461	1.15493	1.15493	0.79202	1.11096	1.11096	0.242567	1.75387	1.75387	0.45513	1.41833	1.41833	0.696288	2.32727	2.97102	1
cg15079762	ZNF433;ZNF433	0.700464	0.220047	0.71931	-1.39002	0.96126	0.987667	-1.01249	0.121134	1.53635	1.53635	0.57282	0.864518	-1.15671	0.914752	0.973013	-1.02774	0.533815	1.17469	1.17469	0.805372	1.06511	1.06511	0.827496	1.05734	1.05734	0.953512	1.01501	1.01501	0.696239	0.719806	0.918977	1
cg26334665	DUSL4S	0.700479	0.559732	1.54756	1.54756	0.133859	0.956519	1.09811	0.729894	0.796757	-1.30419	0.834989	0.853553	-1.17157	0.288586	1.24903	1.24903	0.240908	0.904645	1.10048	0.914586	0.861561	1.16103	1.16103	0.836032	0.84085	1.18935	1.18935	1.08083	0.925217	0.644862	0.717767	1
cg21118488	RPS6KA2	0.70486	0.405562	1.69106	1.69106	0.36827	1.76923	1.76923	0.198241	2.31517	2.31517	0.482054	1.55447	1.55447	0.429425	1.64541	1.64541	0.417559	1.66772	1.66772	0.124391	2.79315	2.79315	0.314806	1.89977	1.89977	0.104654	1.67446	1.67446	0.696207	2.20277	5.36592	1
cg07255925	LOC100188947	0.700495	0.144082	2.36159	2.36159	0.191327	2.13305	2.13305	0.850348	0.90174	-1.10897	0.92171	1.05531	1.05531	0.611043	0.755134	-1.32427	0.822704	1.13076	1.13076	0.253741	1.92064	1.92064	0.689597	1.24588	1.24588	0.773113	1.17151	1.17151	0.696195	3.30623	4.22134	1
cg18545117	SEMA4A	0.700496	0.4254143	0.7240116	-1.38196	0.2139	0.904054	-1.10591	0.587403	0.894737	-1.11775	0.607727	0.49836	-2.00615	0.278884	0.473201	-2.11327	0.623002	0.822051	-1.21651	0.567383	0.763274	1.30976	1.30976	0.574247	1.74059	1.74059	1.03727	0.96351	1.73559	2.21618	1
cg17096950	RFC2;RFC2	0.700544	0.604968	0.905231	-1.10469	0.844322	0.963182	-1.03823	0.545292	1.12389	1.12389	0.58342	0.89972	-1.11146	0.908324	0.845551	-1.18266	0.955562	0.98434	-1.01669	0.127036	1.3701	1.3701	0.371427	0.839166	-1.19137	0.893832	0.97485	-1.0258	0.696126	0.401383	0.51253	1
cg03560685	MBP;MBP;MBP;MBP;MBP;MBP;MBP	0.700554	0.308996	0.7977	1.0231	0.853742	1.08478	1.08478	0.773742	0.97057	1.03057	0.621351	0.858486	1.15444	0.840908	1.26013	1.26013	0.306183	0.743838	1.34457	0.107	1.23932	0.810546	-1.23393	0.643046	-1.46833	0.697519	1.10389	1.10389	0.696354	0.780204	0.981474	1
cg23542399	CHIC2	0.700568	0.19724	0.625997	-1.59745	0.27232	0.675279	-1.48087	0.993398	0.997161	-1.00285	0.780303	0.908387	-1.10085	0.454038	0.769457	1.29962	0.935613	1.02815	1.02815	0.239184	0.654709	-1.5274	0.183977	0.616115	-1.62307	0.447444	0.766393	-1.30481	0.696092	1.30177	1.66232	1
cg04003990	PASK	0.700571	0.720997	1.62695	1.62695	0.871274	0.802437	-1.2462	0.9081	1.01575	1.01575	0.414215	1.32826	1.32826	0.178108	0.870165	1.14948	0.754477	1.53082	1.53082	0.93522	0.896	-1.11607	0.705864	0.59773	-1.673	0.549623	0.72428	1.38078	0.696086	0.20382	0.25933	1
cg18531559	UI4	0.700575	0.7198461	1.4299	1.4299	0.715742	1.81809	-1.18182	?	?	?	0.70507	0.87557	1.14202	0.429486	1.5279	1.5279	0.539564	1.45256	1.45256	0.24296	1.85396	?	?	?	0.450244	0.653084	1.53152	0.649619	1.74011	1.80242	1
cg17469039	MAFK	0.700586	0.43268	1.34432	1.34432	0.873296	0.94273	-1.06075	0.589805	1.22278	1.22278	0.570866	1.23573	1.23573	0.344475	1.43309	1.43309	0.146122	1.77988	1.77988	0.122673	1.85539	1.85539	0.552638	1.24855	1.24855	0.711665	1.14705	1.14705	0.696065	1.50539	1.92241	1
cg06361617	C17orf75	0.70601	0.4043228	0.8138905	-1.22802	0.540605	0.989665	-1.01044	0.788236	1.06674	1.06674	0.853041	1.24565	1.24565	0.166755	0.802911	-1.24542	0.204642	1.18327	1.18327	0.674096	0.426659	-1.20969	0.767884	0.790919	-1.10183	0.606032	0.643046	0.819945	1
cg17347400	SRXN1;SRXN1	0.706408	0.290096	0.728779	-1.37197	0.388536	1.28987	1.28987	0.230538	1.43662	1.43662	0.603826	0.860035	-1.16274	0.534566	0.834302	-1.19861	0.946261	0.980772	-1.0196	0.424619	0.790681	-1.26473	0.864144	1.05056	1.05056	0.552289	1.18908	1.18908	0.695977	0.914453	1.16792	1
cg10537927	INPP4B;INPP4B;INPP4B;INPP4B	0.700651	0.967825	0.992615	-1.00744	0.521368	1.12686	1.12686	0.122952	1.35948	1.35948	0.569699	1.10311	1.10311	0.819063	1.043	1.043	0.493584	0.880064	-1.13628	0.283254	0.814752	-1.22737	0.965042	1.00809	1.00809	0.679937	1.07921	1.07921	0.695974	0.372211	0.475384	1
cg21.28408148	GPR89A;GPR89A	0.700658	0.2293961	1.4418895	1.4418895	0.262807	0.989665	-1.01044	0.788236	1.06674	1.06674	0.853041	1.24565	1.24565	0.166755	0.802911	-1.24542	0.204642	1.18327	1.18327	0.674096	0.426659	-1.20969	0.767884	0.790919	-1.10183	0.606032	0.643046	0.819945	1
cg13404546	TCEB1	0.700665	0.704323	0.930292	-1.07493	0.682684	0.925059	-1.08101	0.39671	0.848339	-1.17877	0.998695	0.99969	-1.00031	0.746441	1.06336	1.06336	0.578392	1.11226	1.11226	0.139372	1.35186	1.35186	0.692101	0.927363	-1.07833	0.302126	0.816609	-1.22458	0.695953	0.395988	0.50564	1
cg24823679	KDM4B	0.700827	0.3908072	0.8129166	1.23041	0.812744	1.04184	1.04184	0.807494	1.4912	1.4912	0.179723	1.30136	1.30136	0.288147	0.768422	-1.30156	0.719729	0.984076	1.01626	0.924094	1.02351	1.02351	0.616017	1.17559	1.17559	0.938634	1.02494	1.02494	0.696326	1.12879	1.44005	1
cg17391141	MOCS3;MOCS3;DPM1	0.700674	0.47408	1.1742	1.1742	1.177042	1.45457	1.45457	0.371208	1.22449	1.22449	0.868126	0.96401	-1.03733	0.736308	1.0774	1.0774	0.493584	0.880064	-1.13628	0.283254	0.814752	-1.22737	0.965042	1.00809	1.00809	0.679937	1.07921	1.07921	0.695974	0.372211	0.475384	1
cg24079758	HIS1	0.700675	0.86028	0.9152737	-1.09275	0.6347	1.01554	1.01554	0.96579	0.976757	-1.30419	0.834989	0.853553	-1.17157	0.288586	1.24903	1.24903	0.240908	0.904645	1.10048	0.914586	0.861561	1.16103	1.16103	0.836032	0.84085	1.18935	1.18935	1.08083	0.925217	0.644862	0.717767	1
cg16404569	SOCCAG8;AKT3	0.7008	0.886628	0.97003	-1.07033	0.915888	1.63241	1.63241	0.668584	2.64226	2.64226	0.766893	1.83697	1.83697	0.289771	1.08118	1.08118	0.617727	0.984076	1.01626	0.924094	1.13274	1.13274	0.484336	1.403	1.403	0.801086	1.1781	1.12781	0.695932	2.52012	3.19587	1
cg27176262	TAP2;TAP2	0.700722	0.81474	0.928919	-1.07652	0.469742	0.793716	-1.2599	0.842671	0.939484	-1.06441	0.233565	0.675482	-1.48042	0.259528	1.447	1.447	0.790514	0.919766	-1.08723	0.178372	0.63815	-1.56703	0.768623	0.911496	-1.0971	0.858233	1.05777	1.05777	0.695873	1.08757	1.38923	1
cg20077733	KCNK1	0.700742	0.9204482	1.07914	1.07914	0.760605	1.07148	1.07148	0.648328	1.17284	1.17284	0.55587	0.746726	-1.33949	0.497289	0.937289	-1.7535	0.133333	1.30696	1.30696	0.157775	0.567272	0.55931	-1.78801	0.671863	1.15736	1.15736	0.741615	0.802717	1.12018	1.40758	1
cg20106180	CHTF18	0.700736	0.319196	0.782684	-1.27266	0.590544	1.13802	-1.13802	0.731794	1.08534	1.08534	0.80795	0.943683	-1.05968	0.380286	0.807175	-1.23889	0.585699	1.13998	1.13998	0.199816	1.38042	1.38042	0.38931	0.810596	-1.23366	0.847617	1.04685	1.04685	0.695852	0.62437	0.797577	1
cg18296036	KCNH2;KCNH2;KCNH2	0.700738	0.22692	0.4405242	-2.15379	0.163414	0.965775	-1.73392	0.406512	0.556183	-1.77562	0.820295	0.857403	-1.16631	0.261145	0.452767	-2.20864	0.586394	0.689731	-1.44984	0.910396	0.942869	-1.06071	0.678134	0.429805	-2.32661	0.914526	0.695885	0.559443	0.649616	1
cg04998589	CAS2;LCAS2	0.700752	0.5421115	0.8440557	-1.18475	0.972545	1.0095	1.0095	0.966565	0.668397	-1.75934	0.985599	1.005	1.005	0.921415	1.02746	1.02746	0.860291	0.955762	-1.04629	0.649307	1.25446	1.25446	0.783442	0.78961	-1.27863	0.914318	1.03007	1.03007	0.695829	0.831776	1.06255	1
cg18763100	HLA-DMA	0.70076	0.836069	1.26805	1.26805	0.490473	2.33173	2.33173	0.32002	0.309565	-3.20304	0.11905	0.143849	-6.95173	0.663452	1.65173	1.65173	0.889637	1.17249	1.17249	0.694055	1.57319	1.57319	0.435294	0.4016	-2.49004	0.853018	0.806139	-1.24048	0.695818	1.47762	18.493	1
cg20051715	EFEMP2	0.7009	0.1589	0.3729	-2.68161	0.975575	0.981929	-1.0184	0.446551	1.30223	1.30223	0.212022	0.976755	1.00976	0.888376	1.148	1.148	0.656514	0.857754	-1.16584	0.592006	1.20976	1.20976	0.883813	1.02721	1.02721	0.214598	1.56496	1.56496	0.695749	2.1048	2.65428	1
cg15144697	NDUFB3;FAM126B	0.700789	0.402353	0.867866	-1.15225	0.350954	1.17203	1.17203	0.668006	1.07395	1.07395	0.305219	0.838988	-1.19191	0.261425	1.21368	1.21368	0.948936	1.01065	1.01065	0.332749	1.17965	1.17965	0.632262	1.08299	1.08299	0.911663	1.01852	1.01852	0.695777	0.303104	0.384931	1
cg07409292	GPR9N3	0.700796	0.367351	0.727887	-1.37384	0.222928	0.644553	-1.55156	0.660053	1.16394	1.16394	0.952572	0.979806	-1.02061	0.707525	0.729498	-1.37081	0.599035	1.19559	1.19559	0.198004	0.627097	-1.59465	0.671863	1.15736	1.15736	0.741615	0.802717	-1.12018	0.671768	1.29634	1.65616	1
cg17675088	A	0.700797	0.53787	0.710616	-1.40723	0.711866	0.816129	-1.2253	0.346867	1.69981	1.69981	0.368236	1.65893	1.65893	0.423183	0.638885	-1.56523	0.795523	1.15285	1.15285	0.255025	0.521598	-1.91718	0.480272	0.67504	-1.48139	0.551497	1.39093	1.39093	0.695766	3.30536	4.22282	1
cg24952754	TSSK1B;MCC;TSSK1B	0.700797	0.764214	1.09181	1.09181	0.765004	1.07148	1.07148	0.648328	1.17284	1.17284	0.55587	0.746726	-1.33949	0.497289	0.937289	-1.7535	0.133333	1.30696	1.30696	0.157775	0.567272	0.55931	-1.78801	0.671863	1.15736	1.15736	0.741615	0.802717	1.12018	1.40758	1
cg17505944	FAM50A	0.700802	0.187849	0.274281	-3.64591	0.494588	0.525771	-1.90197	0.575475	0.591892	-1.6895	0.790841	0.479374	1.27939	0.539083	0.56192	-1.77961	0.121737	2.11208	2.11208	-4.73466	0.843174	0.22001	-4.54263	0.12894	1.2284	0.787466	1.28463	1.28463	0.695759	0.46711	12.095	1
cg10207070	RBM10;NDUFB11;NDUFR11;RBM10;ND	0.700814	UFB11;NDUFB11	0.183251	0.204283	-4.89516	0.395915	0.376111	-2.65879	0.493529	0.457441	-2.18607	0.535965	2.02377	2.02377	0.786452	1.35722	1.35722	0.184063	0.204958	-4.87906	0.771766	1.38699	1.38699	0.844255	1.24761	1.24761	0.959021	0.943844	-1.0595	0.695741	13.9403	17.8103	1
cg10482512	CCN6	0.700815	0.403515	0.234656	-4.26155	0.943593	0.886924	-1.12749	0.592937	0.399943	-2.50035	0.500911	0.311957	-3.18515	0.481279	0.297031	-3.36665	0.190915	0.46494	-2.15109	0.785899	1.58683	1.58683	0.269375	0.142195	-7.03262	0.673209	2.0531	2.0531	0.695734	0.31678	0.40848	1
cg25649261	HEBP2;HEBP2	0.704626	0.146426	0.3494	-2.86107	0.779785	0.9552	1.05397	0.383325	1.31327	1.31327	0.697776	1.08928	1.08928	0.564688	1.13208	1.13208	0.6759	0.801063	-1.2484	0.634129	0.790081	-1.2655	0.697801	0.82721	-1.20888	0.237515	1.82476	1.82476	0.696468	2.60708	3.32736	1
cg07632694	PSMG1;PSMG1;PSMG1;PSMG1	0.700826	0.685133	0.649747	-1.51906	?	?	0.478716	2.142	2.142	0.289578	0.31264	-3.19856	0.35124	0.362483	2.75875	2.75875	0.694131	0.519	0.955609	1.06065	1.06065	0.716778	1.47013	1.47013	0.241951	1.63257	1.63257	0.680162	10.7128	15.7504	1
cg27440475	DOCK9;DOCK9	0.700827	0.551444	0.748748	1.33555	0.201414	4.60904	4.60904	0.267473	3.65672	3.65672	0.422502	0.397845	-2.51336	0.637722	0.584389	-1.7119	0.660252	0.801063	-1.2484	0.634129	0.790081	-1.2655	0.697801	0.82721	-1.20888	0.237515	1.82476	1.82476	0.696468	2.60708	3.32736	1
cg07940485	SLC16A10	0.700833	0.578298	1.58898	1.58898	0.983591	1.01668	0.917663	1.08043	1.08843	0.803949	0.815434	-1.22634	0.124955	4.20037	4.20037	0.368098	0.426162	-2.16164	0.72038	0.207138	0.971735	-1.02909	0.836409	0.84405	-1.18476	0.425754	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg00844246	GPR123	0.701428	0.345119	0.495344	0.2188	0.1737354	0.17736	0.17736	0.393947	1.8792	1.8792	0.382516	1.90982	1.90982	0.956079	1.04059	1.04059	0.384668	1.90451	1.90451	0.616239	1.44062	1.44062	0.500513	1.4806	1.4806	0.754328	1.25458	1.25458	0.09487	5.74409	7.34793	1
cg04984709	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.701429	0.220591	0.492063	-2.03226	0.948015	1.03656	1.03656	0.53122	1.41801	1.41801	0.64136	0.7723531	-1.29475	0.111778	0.38533	-2.59518	0.643136	0.773431	-1.29294	0.459473	0.6605161	-1.51397	0.457706	0.6707424	-1.49089	0.702411	0.809463	-1.23539	0.649869	3.336915	4.26868	1
cg19048535	MBLAC2;MBLAC2;POLR3G	0.701443	0.426539	0.556496	-1.79696	0.510387	1.61929	1.61929	0.691771	1.3333	1.3333	7	7	7	0.438429	0.565219	-1.76922	0.456618	0.578551	-1.72858	0.467916	1.70433	1.70433	0.630911	0.705088	-1.41826	0.264525	2.31524	2.31524	0.679272	4.98345	7.33646	1
cg10162691	RND2	0.70146	0.264364	0.566696	-1.76461	0.521598	1.37317	1.37317	0.515276	1.38	1.38	0.318681	1.65388	1.65388	0.592909	1.30141	1.30141	0.288608	1.77223	1.77223	0.421498	0.669736	-1.49312	0.94752	0.9683575	-1.03266	0.731646	1.183	1.183	0.694825	2.622633	3.35512	1
cg06948089	OLFML2B	0.701474	0.791217	1.13848	1.13848	0.635559	1.26283	1.26283	0.930459	0.958234	-1.04359	0.917172	0.950423	-1.05216	0.883532	1.54771	1.54771	0.512551	1.38354	1.38354	0.556185	0.747549	-1.3377	0.827859	1.11232	1.11232	0.0965209	0.409874	-2.43977	0.694806	2.62921	3.36364	1
cg19908086	EPHX1	0.701478	0.779617	1.05223	1.05223	0.729162	1.00512	1.00512	0.29957	1.21546	1.21546	0.954858	0.989778	-1.01033	0.209917	1.27107	1.27107	0.652631	1.08571	1.08571	0.340049	0.839486	-1.1912	0.368087	0.840529	-1.18269	0.618464	0.912004	-1.09541	0.6948	3.624477	0.463734	1
cg18532515	KCNC3	0.701495	0.996801	1.00265	1.00265	0.0918429	3.4121	3.4121	0.198231	2.4577	2.4577	0.811647	1.17102	1.17102	0.627818	0.723925	-1.38136	0.688885	1.30492	1.30492	0.680823	1.31458	1.31458	0.856171	0.886937	-1.12748	0.915127	0.93193	-1.07304	0.694776	4.8121	6.15654	1
cg02785745	DNAH6	0.701505	0.891221	1.04782	1.04782	0.938165	0.916073	1.0403	0.623625	0.609322	1.64117	0.936301	0.712893	-1.40273	0.949224	0.719705	-1.38946	0.748321	1.11616	1.11616	0.660512	1.16285	1.16285	0.973588	1.06387	1.06387	0.924447	1.03291	1.03291	0.694761	1.28218	1.64044	1
cg07697189	SH3PXD2B	0.701509	0.872649	1.03514	1.03514	0.890853	0.95588	1.03988	0.159197	1.96012	1.96012	0.817702	1.2399	1.2399	0.89107	1.13612	1.13612	0.946192	1.09375	1.09375	-1.06488	0.004415	-2.89147	-1.11838	0.637524	0.64275	-1.55581	0.863638	1.17362	0.694756	9.5441	12.211	1
cg07308943	TRMT61B	0.701513	0.79206	1.15424	1.15424	0.395543	1.60379	1.60379	0.331176	1.73342	1.73342	0.358551	1.66952	1.66952	0.309974	1.76889	1.76889	0.559581	1.37755	1.37755	0.236297	0.509822	-1.96147	0.885582	1.0813	1.0813	0.434005	1.54247	1.54247	0.694749	3.24289	4.14907	1
cg05978010	MRK13	0.701519	0.210043	1.60314	1.60314	0.78296	0.0449837	2.14327	0.0403853	2.1944	2.1944	0.464424	1.73344	1.36399	0.276752	1.68456	1.68456	0.676679	1.82837	1.82837	0.24636	0.684906	-1.09484	0.725192	0.6806	0.6806	0.668968	-1.09484	0.725192	0.6806	0.683637	0.4704829	2.020737	2.81757	1
cg06098283	PLCL1	0.701524	0.943114	1.01458	1.01458	0.126805	0.715429	1.39776	0.63162	0.7800625	1.28205	0.794492	0.9946163	-1.00491	0.984231	1.00402	1.00402	0.780555	0.9449642	-1.05827	0.964441	-1.05827	0.964441	-1.05827	0.963818	0.63912	-1.56465	0.505905	0.724438	-1.38038	0.434487	1.463039	1.463603	0.639308	1.25751	0.694628	2.50927	3.21102	1
cg08240914	CYP3A5	0.701543	0.9994913	1.01559	1.01559	0.410833	1.19183	1.19183	0.912013	1.0232	1.0232	0.80917	0.950768	-1.05178	0.389622	1.20197	1.20197	0.710549	1.08089	1.08089	0.38574	0.830648	-1.20388	0.428208	1.18386	1.18386	0.117852	1.42528	1.42528	0.694693	0.479074	0.612995	1
cg12355586	SASH1	0.701563	0.391213	0.577821	-1.73064	0.169185	0.400722	2.49549	0.608852	0.724529	-1.38021	0.823671	1.14951	1.14951	0.344744	0.544654	-1.83603	0.363673	0.558306	-1.79113	0.251837	0.473594	-2.11151	0.440885	0.612197	-1.63346	0.640761	1.341	1.341	0.694679	4.28875	5.48775	1
cg18694313	PDS5B	0.701599	0.15612	0.480513	-2.08131	0.553749	0.754834	1.35058	0.0403	0.751834	-1.33008	0.704096	0.833405	-1.19996	0.948762	1.03117	1.03117	0.638216	0.82312	-1.21485	0.313766	0.38018	-2.63012	-1.56465	0.505905	0.724438	-1.38038	0.434487	1.463035	1.463603	0.639308	1.25751	0.694628	2.50927	3.21102	1
cg27576946	TRIM65	0.7016	0.244019	0.442347	-2.26067	0.860159	0.888692	-1.12525	0.147834	0.353795	-2.8265	0.270439	0.463996	-2.15519	0.365517	0.536771	-1.86299	0.314633	0.498647	-2.00543	0.482779	0.62043	-1.61179	0.881884	0.905295	-1.10461	0.816147	1.16866	1.16866	0.694627	4.92663	6.30443	1
cg06792724	IL18AP1	0.701627	?	?	?	?	?	?	?	0.93335	0.406178	-2.46197	0.924662	1.19379	1.15979	0.905428	1.24635	1.24635	0.1991	0.2490238	0.18962	0.46453	4.04615	4.04615	0.63301	2.40423	2.40423	0.605665	2.25888	2.25888	0.659765	27.9003	42.2882	1
cg02354413	B4GALT1	0.701627	0.927327	0.955797	-1.04625	0.150629	0.46605	-2.14569	0.783651	0.914681	1.14614	0.342863	0.616132	-1.62303	0.772472	0.866166	-1.15451	0.132032	0.446815	-2.23806	0.440168	0.676964	-1.47718	0.553241	0.742861	-1.34615	0.801104	0.934367	-1.07034	0.694588	2.70184	3.45764	1
cg04166393	GNA12	0.701646	0.790482	1.23793	1.23793	0.857931	1.15445	1.15445	0.763322	1.27389	1.27389	0.606466	1.51665	1.51665	0.824713	1.1946	1.1946	0.207355	0.34446	-2.9031	0.456968	1.83531	1.83531	0.282855	2.44599	2.44599	0.201415	2.94884	2.94884	0.694561	7.06778	9.04524	1
cg12763975	FLNB;FLNB;LSF3A2	0.701648	0.357632	0.689065	-1.45057	0.406497	0.0403853	2.14327	0.0403853	2.1944	2.1944	0.464424	1.73344	1.36399	0.276752	1.68456	1.68456	0.676679	1.82837	1.82837	0.24636	0.684906	-1.09484	0.725192	0.6806	0.6806	0.668968	-1.09484	0.725192	0.6806	0.683637	0.4704829	2.020737	2.81757	1
cg01658663	TENC1	0.701652	0.857725	0.943227	-1.06019	0.0854225	1.85766	1.85766	0.461689	1.27643	1.27643	0.685457	1.14182	1.14182	0.783729	0.914287	-1.09375	0.211057	1.53602	1.53602	0.840321	1.06792	1.06792	0.939003	0.975381	-1.02524	0.731187	1.12529	1.12529	0.694552	1.16699	1.49352	1
cg10061361	TNIP3;TNIP3	0.701657	0.492758	1.35688	1.35688	0.25097	0.59127	-1.69128	0.811385	1.11042	1.11042	0.15733	0.515566	-1.93961	0.445195	0.711095	-1.40628	0.467223	0.723188	-1.38277	0.960461	0.978516	-1.02196	0.948482	0.972089	-1.02871	0.581864	1.2759	1.2759	0.694545	2.11117	2.7019	1
cg24774770	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.701668	0.270158	1.64071	1.64071	0.308635	1.57521	1.57521	0.953491	0.975162	-1.02547	0.219184	1.74581	1.74581	0.711241	0.851849	-1.17392	0.177594	1.85494	1.85494	0.542466	1.30457	1.30457	0.9057	0.95018	-1.05243	0.975369	1.0134	1.0134	0.694553	2.04547	2.61788	1
cg25709937	TMCC1;TMCC1	0.701677	0.539028	0.837243	-1.19429	0.423822	1.21393	1.21393	0.643145	1.16536	1.16536	0.540644	0.8632406	1.16536	0.554543	0.909256	1.1084	1.1084	0.834256	1.09478	-1.051	0.949658	1.05957	1.05957	0.9139	1.29368	1.317384	1.40537	1.40537	0.694517	0.918812	0.793275	1
cg17492718	WDR26;WDR26;WDR26;WDR26	0.701684	0.641243	0.865674	-1.15517	0.4714	1.25256	1.25256	0.21486	1.49382	1.49382	0.428856	0.780158	-1.28179	0.471545	1.25248	1.25248	0.457794	1.79262	-1.26164	0.499269	1.23469	1.23469	0.791887	1.11705	1.11705	0.476151	1.80035	1.80035	0.694508	1.03928	1.33016	1
cg05523017	CACNA2D3	0.701694	0.308098	1.80741	1.80741	0.794121	0.863524	-1.15804	0.799635	1.15338	1.15338	0.316318	1.78827	1.78827	0.140481	2.43427	2.43427	0.202227	2.12852	2.12852	0.406681	1.61001	1.61001	0.917846	1.0596	1.0596	0.760959	1.18672	1.18672	0.694493	3.46241	4.43157	1
cg20845591	LOC153534;LBX2	0.701695	0.163246	1.365027	1.365027	0.0484205	2.08142	2.08142	0.0525125	2.08142	2.08142	0.476485	2.0987	2.0987	0.156372	2.525889	2.525889	0.15054	2.92964	2.92964	0.0324127	2.366068	2.366068	0.0597163	2.73173	2.73173	0.44688	2.59153	2.59153	0.694475	1.60044	0.413821	0.567962	0.504371	0.455511	1
cg08826226	BACE2;BACE2;BACE2	0.701699	0.608829	1.32339	1.32339	0.63984	1.29154	1.29154	0.886877	1.08033	1.08033	0.288448	1.81892	1.81892	7	7	7	0.643382	0.776395	-1.288	0.510027	0.695744	-1.43731	0.164367	0.23762	2.23762	0.615308	0.759531	-1.3166	0.678902	2.81661	4.14876	1
cg25874150	PAR10	0.701702	0.868641	1.0555	1.0555	0.7168	0.0403853	2.14327	0.0403853	2.1944	2.1944	0.464424	1.73344	1.36399	0.276752	1.68456	1.68456	0.676679	1.82837	1.82837	0.24636	0.684906	-1.09484	0.725192	0.6806	0.6806	0.668968	-1.09484	0.725192	0.6806	0.683637	0.4704829	2.020737	2.81757	1
cg22767914	CDC10L	0.701722	0.552585	0.796738	-1.25512	0.11415	0.522064	-1.91547	0.239981	1.59254	1.59254	0.599044	0.818192	-1.22221	0.94376	1.02704	1.02704	0.50841	1.775895	-1.2888	0.910304	0.958274	-1.04354	0.850454	0.9311033	-1.07399	0.714541	0.870284	-1.14905	0.694453	1.57327	2.01376	1
cg17380039	LOC102287870;PAN3;PAN3	0.701738	0.807604	0.948737	-1.05403	0.710975	0.108359	0.355146	0.814514	-1.22773	0.357515	1.22642	1.22642	0.763294	1.06731	1.06731	0.51568	1.15276	1.15276	0.321949	0.801688	-1.24737	0.2057	0.749801	-1.33369	0.816199	0.95102	-1.0515	0.69443	0.511664	0.654943	1
cg00644777	EEF1E1	0.701741	0.89914	0.962022	-1.03948	0.12773	1.65454	1.65454	0.863755	1.05212	1.05212	0.60935	0.884284	1.05212	0.219434	1.48347	1.48347	0.64402	1.15121	1.15121	0.745331	0.952822	-1.10463	0.833552	0.937768	-1.06636	0.570229	0.839305	-1.19146	0.694427	1.02532	1.31244	1
cg01576142	TC2N;TC2N;TC2N	0.701765	0.291377	0.564249	-1.77227	0.137604	0.413354	-2.30659	0.695795	0.814331	-1.228	0.548209	1.3738	1.3738	0.777432	0.862324	-1.15966	0.418565	0.649185	-1.54039	0.221803	0.511099	-1.95657	0.559801	0.734757	-1.36099	0.757418	0.850493	-1.17579	0.694393	3.00457	3.84613	1
cg23225193	SNORD109B;SNORD109A	0.701767	0.514636	0.818897	-1.22145	0.648642	0.850009	-1.15074	0.35868	0.697374	-1.43436	0.540244	1.20792	1.20792	0.828107	0.837379	-1.1382	0.691059	1.13005	1.13005	0.293934	1.3954	1.3954	0.698003	0.747573	1.12673	0.272649	0.704589	-1.41828	0.694389	0.10815	0.1187	1
cg12114735	TNNI3	0.701772	0.935851	1.02191	1.02191	0.8047	0.935252	-1.06923	0.88769	0.962539	-1.03892	0.510445	1.19767	1.19767	0.939947	0.979848	1.02057	0.771556	0.924355	-1.08184	0.580506	0.560548	-1.78397	0.971614	0.972431	-1.02835	0.631459	1.13949	1.13949	0.802852	1.02774	1
cg21337430	OGG1;APEX1;APEX1;APEX1;APEX1;APE X1;APEX1	0.701772	0.17897	0.789282	-1.26697	0.43525	1.14104	1.14104	0.958881	1.00858	1.00858	0.409382	0.869494	-1.15009	0.55798	1.10318	1.10318	0.497784	0.892184	-1.12085	0.328365	0.84602	-1.182	0.756297	1.05295	1.05295	0.704629	1.06516	1.06516	0.694382	0.302113	0.38674	1
cg07830110	LOC400927	0.701783	0.88223	1.02155	1.02155	0.0901022	0.764359	-1.30829	0.796917	1.03779	1.03779	0.84864	1.02821	1.02821	0.329753	0.865293	-1.15568	0.570551	1.08596	1.08596	0.577855	1.08424	1.08424	0.910459	1.03517	1.03517	0.994415	0.998994	-1.00101	0.694368	0.227583	0.291338	1
cg21463168	RPS6KA2	0.701787	0.302884	1.83007	1.83007	0.844934	1.31259	1.31259	0.683447	1.14127	1.14127	0.361652	1.67404	1.67404	0.440714	1.53026	1.53026	0.849344	1.12722	1.12722	0.529159	0.585258	-1.70865	0.848858	1.11413	1.11413	0.872821	1.14434	1.14434	0.694362	0.76478	0.94011	1
cg05379196	HMGB3	0.701819	0.456867	0.394668	-2.53378	0.16887	0.165514	-6.04178	0.947033	0.921715	-1.08493	0.365738	1.12755	1.12755	0.396001	0.344196	0.90532	0.21214	0.19867	-5.03348	0.95046	0.926597	-1.07922	0.83447	0.773556	-1.29273	0.737269	0.661581	-1.51153	0.694316	16.5554	21.1949	1
cg21109013	HIST1H2BH;HIST1H2AK	0.701821	0.607245	0.835174	-1.19736	0.818593	0.923403	-1.08295	0.154663	1.60759	1.60759	0.211497	0.801961	1.08301	0.644905	0.765323	-1.30664	0.718437	0.964413	-1.03702	0.934262	0.976418	-1.02667	0.720379	1.133	1.133	0.861309	0.941059	-1.06203	0.694314	1.3271	1.69901	1
cg12364570	CAMLG	0.701844	0.752554	1.08104	1.08104	0.552907	0.458094	1.14082	0.452096	1.1231	1.1231	0.587294	1.17516	1.17516	0.842864	1.07024	1.07024	0.560223	1.14643	1.14643	0.512736	0.964453	-1.0314	0.87905	1.01466	1.01466	0.596286	0.953792	1.22113	1.22113	0.694307	0.561011	0.689302	0.512113	0.466127	0.694281	1
cg05043047	ZC3H3	0.701848	0.831027	1.03446	1.03446	0.884438	0.977204	-1.02333	0.242351	1.2141	1.2141	0.347387	0.85778	-1.1658	0.916312	1.01681	1.01681	0.351134	0.858859	-1.16434	0.458411	1.12717	1.12717	0.423563	1.13836	1.13836	0.4413	0.882942	-1.13258	0.694286	0.276429	0.353909	1
cg26138682	DYNC1LI1	0.701849	0.44763	0.770129	-1.35319	0.7438	0.882267	-1.13344	0.204084	1.45337	1.45337	0.234552	1.60886	1.60886	0.747203	0.883894	-1.13148	0.484607	0.762407	-1.31161	0.302227	0.664837	-1.50413	0.524266	0.783784	-1.27625	0.78289	0.902757	-1.10772	0.694281	1.60413	2.05377	1
cg27162620	TMEM44;TMEM44;TMEM44;TMEM44	0.701847	0.356265	1.6865	1.6865	0.389613	0.615336	-1.62518	0.226919	0.497188	-2.01131	0.996023	0.997257	-1.00375	0.959449	0.972381	-1.0284	0.254904	0.51956	-1.9247	0.436091	1.55743	1.55743	0.765017	0.847797	-1.17953	0.881905	1.08335	1.08335	0.694263	4.37126	3.42129	1
cg11115867	RUNX2;RUNX2;SUPT3H;SUPT3H	0.701857	0.237792	1.94494	1.94494	0.503666	1.44061	1.44061	0.961828	0.974583	-1.02608	0.599953	0.752254	-1.32934	0.439754	0.654505	-1.52787	?	?	?	0.424195	1.55124	1.55124	0.636049	1.29231	1.29231	0.368362	0.608337	-1.64383	0.678675	2.76481	4.07384	1
cg18279455	SAMD4A;SAMD4A	0.701859	0.927685	1.05855	1.05855	0.703997	1.27032	1.27032	0.085278	1.38271	1.38271	0.225566	2.22056	2.22056	0.603466	1.38885	1.38885	0.83395	1.14064	1.14064	0.940894	1.04758	1.04758	0.263725	2.07567	2.07567	0.540356	1.47483	1.47483	0.694259	4.32029	5.53145	1
cg07025678	FITM2	0.701865	0.63457	0.837503	-1.19433	0.41949	1.14349	1.14349	0.913249	1.04944	1.04944	0.525183	0.874929	1.04944	0.213896	1.49394	1.49394	0.503581	1.275284	-1.28404	0.444882	1.38475	1.38475	0.817202	0.867586	-1.15336	0.81855	0.908423	-1.10081	0.694251	1.25169	1.60448	1
cg01856752	SLC7A5	0.701867	0.39105	1.68558	1.68558	0.918583	1.06263	1.06263	0.0691508	3.34708	3.34708	0.459721	1.56393	1.56393	0.727062	0.81206	-1.23144	0.734422	0.816851	-1.22421	0.895779	1.08097	1.08097	0.949827	1.03809	1.03809	0.819264	0.872868	-1.14565	0.694248	3.88087	4.96893	1
cg27564512	ZFP90	0.701867	0.956336	0.99384	-1.0062	0.896997	1.01479	1.01479	0.780276	1.03221	1.03221	0.766563	1.09439	1.09439	0.384708	0.903914	-1.1063	0.351348	1.1149	1.1149	0.10056	0.815282	-1.22637	0.599268	0.941738	-1.06187	0.849037	0.978628	-1.02184	0.694247	0.141926	0.180948	1
cg26205163	PNPO	0.701869	0.221641	0.877504	-1.13966	0.642238	0.541061	-1.02061	0.0403853	2.14327	2.14327	0.464424	1.73344	1.36399	0.276752	1.68456	1.68456	0.676679	1.82837	1.82837	0.24636	0.684906	-1.09484	0.725192	0.6806	0.6806	0.668968	-1.09484	0.725192	0.6806	0.683637	0.4704829	2.020737	2.81757	1
cg26221971	PLLP	0.7019	0.625137	1.08909	1.08909	0.12765	1.3304	1.3304	0.304406	1.20242	1.20242	0.843553	1.03484	1.03484	0.858918	0.969635	-1.03132	0.537102	1.1144	1.1144	0.694071	0.933782	-1.07091	0.201387	1.26343	1.26343	0.534301	1.11525	1.11525	0.694201	0.330237	0.422852	1
cg25009504	LAMA3;LAMA3	0.701902	0.504535	0.8476	1.0403	0.0403853	2.14327	2.14327	0.0403853	2.1944	2.1944	0.464424	1.73344	1.36399	0.276752	1.68456	1.68456	0.676679	1.82837	1.82837	0.24636	0.684906	-1.09484	0.725192	0.6806	0.6806	0.668968	-1.09484	0.725192	0.6806	0.683637	0.4704829	2.020737	2.81757	1
cg13629565	LOC113230	0.701934	0.417452	1.14031	1.14031	0.748011	0.950207	-1.0524	0.480581	1.12032	1.12032	0.482209	1.11983	1.11983	0.724685	0.945508	-1.05763	0.518578	1.10927	1.10927	0.077254	1.36514	1.36514	0.560649	1.10312	1.10312	0.62818	1.0804	1.0804	0.694153	0.27603	0.353467	1
cg26067293	DLX1;DLX1	0.701945	0.894264	1.04255	1.04255	0.710754	0.581212	-1.14112	0.0403853	2.14327	2.14327	0.464424	1.73344	1.36399	0.276752	1.68456	1.68456	0.676679	1.82837	1.82837	0.24636	0.684906	-1.09484	0.725192	0.6806	0.6806	0.668968	-1.09484	0.725192	0.6806	0.683637	0.4704829	2.020737	2.81757	1
cg05352668	C1orf127;C1orf127	0.701946	0.75068	0.922053	-1.08454	0.46552	0.827725	-1.20813	0.724859	0.931965	-1.09413	0.888871	1.03623	1.03623	0.333727	0.775831	-1.28894	0.862323	1.04518	1.04518	0.29557	1.31802	1.31802	0.159734	1.46588	1.46588	0.81377	1.06192	1.06192	0.694136	0.712483	0.912383	1
cg20142972	KCNH2;KCNH2;KCNH2;KCNH2	0.701953	0.48235	0.64097	-1.56007	0.630289	0.739292	-1.35265	0.470338	1.58001	1.58001	0.676358	0.769915	-1.29885	0.563504	0.695073	-1.4387	0.372685	0.565512	-1.76831	0.12039	0.399704	-2.50185	0.173245	0.405523	-2.46595	0.89427	0.920517	-1.08635	0.694126	4.26471	5.46133	1
cg06621938	IFT140	0.7196	?	?	?	?	?	?	?	0.15425	-3.64458	2.7	?	?	?	0.20692	-4.83332	0.24652	?	?	?	0.24652	?	?	?	?	?	0.619735	1.58583	1.58583	0.75752	0.743818	1.34442	0.602153	2.62612	2.18881	1
cg13833525	PNPLA2	0.701974	0.25695	1.29882	1.29882	0.724033	0.924652	-1.08149	0.724357	0.924741	-1.08138	0.689786	1.09271	1.09271	0.423434	0.834709	-1.19802	0.905441	1.02661	1.02661	0.28097	1.28099	1.28099	0.386859	1.21654	1.21654	0.261679	1.29519	1.29519	0.694096	0.536823	0.687478	1
cg03007571	HIST1H2BD;HIST1H2BD	0.70201	0.502739	0.826616	1.20975	0.627884	0.972195	-1.14653	0.409956	0.8656	1.15506	0.322227	0.751526	1.33063	0.756182	0.821098	-1.2178	0.444344	0.801882	-1.24756	0.376807	0.768307	1.3016	0.768307	0.944338	1.05908	-1.04336	0.524242	1.90904	0.904048	0.861527	1.10339	1
cg06023257	GAB2	0.702001	0.189186	0.511608	-1.95462	0.465819	0.424991	-2.43991	0.619922	0.785991	-1.2724	0.374353	0.644562	-1.55144	0.110509	0.432587	2.31167	0.950478	0.03038	-32.9154	0.0403853	2.14327	2.14327	0.464424	1.73344	1.36399	0.276752	1.68456	1.68456	0.676679	1.82837	1.82837	0.24636	0.684906	-1.09484	0.725192	0.6806	0.6806	0.668968	-1.09484	0.725192	0.6806	0.683637	0.4704829	2.020737	2.81757	1
cg07580038	KIF5C	0.702032	0.477599	1.24245	1.24245	0.264422	0.704888	-1.41866	0.697773	0.889298	-1.12448	0.585377	1.18015	1.18015	0.668114	1.13846	1.13846	0.380236	0.762915	-1.31076	0.352891	0.750214	-1.33295	0.597768	0.852078	-1.1736	0.368479	1.32011	1.32011	0.694014	0.99353	1.27251	1
cg10048589	RPS6KA3	0.702033	0.261043	1.881158	1.881158	0.852723	0.722522	-1.37597	0.583764	0.96596	1.03504	0.613168	0.7078	-1.41274	0.780627	0.7078	1.41274	0.242884	0.23235	-4.30486	0.0403853	2.14327	2.14327	0.464424	1.73344	1.36399	0.276752	1.68456	1.68456	0.676679	1.82837	1.82837	0.24636	0.684906	-1.09484

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(1347T vs. N)	Fold-Change(1347T vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(5 vs. N)	Fold-Change(563T vs. N)	p-value(563T vs. 637 vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg16627459	LMX1B	0.702659	0.498724	1.35981	1.35681	1.361513	0.514636	-1.94312	0.360169	0.658368	-1.51891	0.750582	0.872508	-1.14612	0.783504	0.884818	-1.13018	0.571445	0.775613	-1.2891	0.910237	0.951174	-1.05133	0.488771	1.3668	1.3668	0.385818	1.48442	0.693124	2.16715	2.77923	1
cg08944390	GANC;TMEM87A;TMEM87A	0.702664	0.835539	1.04739	1.04739	0.80355	1.05708	1.05708	0.815106	1.05356	0.356	1.08574	0.821022	-1.21799	0.869597	0.964068	1.03727	0.091306	1.51311	1.51311	0.693432	1.09225	0.677723	1.09755	1.09755	0.300539	1.26988	1.12698	0.693118	0.545115	0.698313	1
cg20869501	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.702669	0.965748	1.01356	1.01356	0.764317	1.09891	1.09891	0.569889	1.19738	1.19738	0.210445	0.661032	-1.51279	0.532701	0.82019	-1.21923	0.459372	0.789536	-1.26657	0.467684	0.793102	-1.26087	0.535876	1.21731	1.21731	0.283978	1.41786	1.41786	0.693111	1.08012	1.38522	1
cg19522836	STAMBPL1	0.70267	0.784145	0.848324	-1.1788	1.38975	0.653916	-1.53003	0.546593	1.34233	1.34233	?	0.096237	0.997727	-1.00228	0.566828	0.735263	-1.32229	0.141902	1.2426	1.2426	0.564589	0.750024	-1.32446	0.698589	1.20655	1.20655	0.677504	2.22093	3.27811	1
cg25734107	RAB7A	0.702676	0.749396	0.907472	-1.10196	0.712466	1.11868	1.11868	0.78381	0.920059	-1.08689	0.372446	0.757745	-1.31971	0.509933	0.81669	-1.22445	0.936238	1.02454	1.02454	0.412325	1.28909	1.28909	0.632567	1.15712	1.15712	0.112448	0.592428	-1.68797	0.6931	1.00749	1.2921	1
cg02054116	GJC1;GJC1	0.702691	0.907788	0.963855	-1.0375	0.580538	1.19403	1.19403	0.140211	1.65564	1.65564	0.954709	0.982317	-1.01821	0.640986	1.16092	1.16092	0.577073	1.19601	1.19601	0.115596	1.72196	1.72196	0.919994	1.03244	1.03244	0.398911	1.31573	1.31573	0.693079	1.10806	1.4211	1
cg11308937	GORASP1;GORASP1;TTC21A;TTC21A	0.702696	0.241509	0.222902	-4.48628	0.886944	0.844474	-1.18417	0.889768	1.17914	1.17914	0.655742	1.70783	1.70783	0.575854	0.508706	-1.96577	0.194786	0.184301	-5.42591	0.706432	1.56958	1.56958	?	?	?	0.686112	1.62299	1.62299	0.678005	12.3588	11.3926	1
cg15484946	VPS37B	0.702705	0.783492	1.14405	1.14405	0.21756	1.90645	1.90645	0.699126	1.20896	1.20896	0.766153	1.13484	1.13484	0.632481	0.901681	-1.10904	0.984639	0.990638	-1.00996	0.990153	0.650358	-1.53761	0.175444	0.494607	-2.02181	0.561972	1.33175	1.33175	0.69306	2.62048	3.56092	1
cg01013312	ABCE1;ANAPC10;ABCE1	0.702705	0.913023	0.954071	-1.04715	0.274027	1.61604	1.61604	0.642605	1.40712	0.707018	1.57259	0.524665	2.08704	0.625025	1.46119	1.46119	0.422372	1.42183	1.42183	0.391333	0.991503	-1.44613	0.6798	1.19126	1.19126	0.661776	0.830582	-1.20397	0.693058	1.95191	2.50344	1
cg21221108	KLHDC5	0.702726	0.517169	1.42698	1.42698	0.14946	2.30902	2.30902	0.453161	1.51249	1.51249	0.227613	1.98524	1.98524	0.947896	0.965235	-1.03602	0.258628	1.89298	1.89298	0.354509	1.67486	1.67486	0.465265	1.49535	1.49535	0.330246	1.72283	1.72283	0.693029	3.21759	4.12692	1
cg26305220	SRP9;SRP9	0.702727	0.359284	1.33499	1.33499	0.586	1.31259	1.31259	0.25	1.83404	1.83404	0.98524	-1.01498	0.65699	0.388193	0.888359	-1.12546	0.788476	1.04949	1.04949	0.814579	1.04284	1.04284	0.764062	1.10556	1.10556	0.106238	1.17284	1.17284	0.693029	0.954115	0.454238	1
cg16284739	SUGT1;SUGT1	0.702737	0.464238	1.21664	1.21664	0.533929	0.847789	-1.17954	0.31885	1.31001	1.31001	0.202288	1.42314	1.42314	0.170414	1.4662	1.4662	0.890174	1.03688	1.03688	0.925221	1.02491	1.0391	0.3939	1.25722	1.25722	0.642704	1.13027	1.13027	0.693015	0.754072	0.967204	1
cg08444924	RFX1	0.702746	0.0596121	0.708885	-1.41067	0.779269	1.97173	1.97173	0.779515	1.04692	1.04692	0.5824	0.914039	-1.09409	0.889062	1.02266	1.02266	0.586289	0.918102	0.889962	1.002868	1.01035	1.01035	0.444664	0.878912	-1.15777	0.876457	0.975135	-1.02555	0.693001	0.2875	0.368756	1
cg11478607	GSTT1	0.702747	0.754289	1.08504	-1.97805	0.325236	0.110044	-9.0873	0.325597	9.07137	9.07137	0.721736	0.459833	-2.1747	0.239373	14.5371	14.5371	0.755298	0.507022	-1.9723	0.748927	0.497771	-2.00895	0.283347	1.2636	1.2636	0.808923	0.500777	-1.69269	0.693	51.8019	66.4446	1
cg05850377	QKI;QKI;QKI;QKI	0.702755	0.997565	1.00075	1.00075	0.228514	1.36436	1.36436	0.22833	1.36455	1.36455	0.820073	0.945535	-1.05726	0.158506	1.46	1.46	0.709581	1.09632	1.09632	0.542912	1.16345	1.16345	0.29893	1.30299	1.30299	0.692089	0.663257	0.850752	1
cg05791091	TSPAN9;TSPAN9	0.702759	0.17373	1.20425	-4.89596	0.726383	1.47045	1.47045	0.430953	1.25008	1.25008	0.837753	0.798502	-1.25234	0.127888	0.564236	-0.08878	0.633573	0.590341	-1.69394	0.467903	0.4446	-2.24921	0.909436	0.315262	-3.17197	0.666848	0.621706	1.60848	0.692983	13.2187	16.9556	1
cg01032987	FNDC3B;FNDC3B	0.70278	0.140149	0.29605	-3.3778	0.906653	0.09413	1.09413	0.401631	1.93157	1.93157	0.63749	0.694888	-1.43908	0.946487	0.949825	-1.05283	0.619453	0.681166	-1.46807	0.824167	1.18609	1.18609	0.386776	1.97463	1.97463	0.416159	1.89143	1.89143	0.692953	6.45485	8.28	1
cg17370981	ATP4B	0.702781	0.661328	1.25962	1.25962	0.330454	0.40493	0.40493	0.440799	0.240719	-4.15422	0.826265	1.50157	1.50157	0.547543	1.31751	1.31751	0.227057	0.0958261	-10.4356	?	?	?	0.883872	0.763169	-1.31032	0.807327	0.515356	0.515356	0.677345	32.6092	48.1427	1
cg16369288	ZNF216	0.702784	0.376216	1.31917	1.31917	0.113116	0.556393	0.556393	0.159378	0.608912	0.408932	0.48852	0.962779	-1.04956	0.354821	0.786567	0.275135	0.206189	1.39977	1.39977	0.800465	0.938122	-1.06596	0.604154	0.888029	-1.12609	0.495717	0.840538	1.18975	0.692782	0.697968	0.895543	1
cg01408362	ZBTB5	0.702904	0.570538	0.80189	-1.24705	0.943109	1.02787	1.02787	0.666851	0.846376	-1.18151	0.493603	1.30702	1.30702	0.863175	1.06869	1.06869	0.814524	1.09473	1.09473	0.0655466	0.451134	-2.21664	0.873154	1.06347	1.06347	0.720037	0.870568	-1.14867	0.692778	1.62743	2.08813	1
cg19069475	C1orf111	0.702908	0.26784	1.35535	1.35535	0.2156	0.929455	1.08466	0.164502	1.16412	0.643535	1.1631	0.682498	0.879122	1.1631	0.682498	0.879122	1.1198	1.10148	1.10148	0.79809	1.1086	1.1086	0.9357	1.10148	1.10148	0.79809	1.1086	1.1086	0.9357	1.10148	1.10148	0.79809	1.1086	1.1086	0.9357	0.752708	1.32854	0.692228	1.12573	1.26486	1
cg02606641	SPOP1	0.702909	0.159169	0.336743	-2.96962	0.490664	1.65979	1.65979	0.495982	0.496812	0.298757	0.496812	0.496812	0.298757	0.496812	0.496812	0.298757	0.496812

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg11853283	ZDHHC11	0.704038	0.779724	1.69977	1.04977	1.148866	0.764775	-1.30757	0.265778	0.818017	-1.22247	0.784153	0.953552	-1.04871	0.973678	0.994301	-1.00573	0.994301	-1.00573	0.949678	-1.05299	0.799152	0.956795	-1.04516	0.691171	0.328458	0.422418	1
cg11907102	NDUFB3;NDUFB3;FAM126B	0.704039	0.16451	0.845896	-1.18218	0.804951	0.972466	-1.02831	0.836858	0.977001	-1.02354	0.218165	0.864009	-1.1574	0.454951	1.08968	1.08968	0.775011	0.968179	-1.03287	0.596977	1.06207	1.06207	0.443711	0.91565	-1.09212	0.738575	1.03926	1.03926	0.691168	0.139395	0.179272	1
cg08424639	GME82	0.704047	0.70474	1.31472	1.31472	0.944552	1.05126	1.05126	0.254841	2.35019	2.35019	0.71972	0.771835	-1.29561	0.285489	0.450536	-2.21958	0.404766	0.541888	-1.8454	0.83008	0.856875	-1.16703	0.256318	2.34343	2.34343	0.69113	0.750483	-1.33248	0.691157	5.65477	7.27253	1
cg24183741	MTA1	0.704056	0.09493742	1.69095	1.69095	0.661938	1.1352	1.1352	0.340384	1.32694	1.32694	0.73373	0.962078	-1.10341	0.85388	1.05457	1.05457	0.905507	0.964614	-1.03062	0.560219	1.18503	1.18503	0.505689	0.83131	-1.21487	0.495853	1.22055	1.22055	0.691144	0.909285	1.16944	1
cg00004082	SLC24I;SLC24I3	0.704066	0.430142	1.91386	1.91386	0.677143	0.713547	-1.40145	0.912697	1.09243	1.09243	0.585476	1.55881	1.55881	0.164814	1.302869	-3.30175	0.327767	0.442969	-2.25749	0.594205	0.648281	-1.54254	0.310909	0.429523	-2.32817	0.675631	0.712339	-1.40383	0.69113	7.11171	9.14664	1
cg08497199	AASDH	0.704072	0.588993	0.852857	-1.17253	0.51248	1.21389	1.21389	0.322947	1.34703	1.34703	0.868742	0.952887	-1.04944	0.916545	1.03106	1.03106	0.75396	1.09608	1.09608	0.109427	0.600935	-1.66407	0.691347	1.12349	1.12349	0.708496	0.896204	-1.11582	0.691122	0.931909	1.19858	1
cg07234958	GPC6	0.704075	0.535501	0.89186	-1.12125	0.595803	1.10257	1.10257	0.263328	0.808413	-1.23699	0.440225	0.855845	-1.16844	0.466216	1.14481	1.14481	0.474609	0.875797	-1.14182	0.952802	0.989262	-1.01085	0.165802	0.763715	-1.30939	0.856188	0.967454	-1.03364	0.691117	0.364115	0.468311	1
cg12509479	PTPN2;PTPN2-PTPN2	0.704078	0.126108	0.249144	-4.01725	0.476578	0.910502	-1.95886	0.549342	0.559547	-1.68479	0.950456	0.947909	-1.05905	0.290347	0.988771	-2.57221	0.51883	1.07608	1.37668	0.324109	0.703973	0.416096	-2.47123	0.901533	1.0424	1.0424	0.610626	0.642681	-1.55998	0.691113	8.11155	10.4349	1
cg05081675	PCEF1;OPN1MW1;PCEF1;PCEF1	0.704105	0.623178	0.696897	-1.43493	0.677425	0.737098	-1.35667	0.636821	1.49543	1.49543	0.453402	1.45349	1.45349	0.533901	0.635596	-1.57353	0.183504	0.332696	-3.00575	0.255514	2.36536	2.36536	0.861205	1.1363	1.1363	0.887226	1.09001	1.09001	0.417256	0.546354	1.83032	0.691076	5.8195	7.48528	1
cg01255509	CARD14;CARD14	0.704142	7	7	7	0.754184	1.06828	1.06828	0.127345	0.707188	-1.41405	0.83509	0.957116	-1.04481	0.477934	1.16381	1.16381	0.557926	0.882856	-1.13269	0.740894	0.932606	-1.07226	0.322671	0.806703	-1.23961	0.5594	0.883277	-1.13215	0.675384	0.420356	0.622395	1
cg09230812	AMIGO4;I9	0.704143	0.804712	1.05325	1.05325	0.982503	0.97456	-1.0255	0.91885	1.02157	1.02157	0.248179	0.7766	-1.28766	0.637692	1.30545	1.30545	0.590326	0.892413	-1.12056	0.115351	0.698708	1.43121	0.881045	1.03186	1.03186	0.822899	1.04807	1.04807	0.69102	0.480037	0.617492	1
cg09268861	THAP5;THAP5;DNAI89;THAP5	0.704144	0.164104	0.772855	-1.2939	0.608646	1.09376	1.09376	0.810249	1.04263	1.04263	0.793186	0.955425	-1.04665	0.60585	0.913626	-1.09454	0.331387	0.840361	-1.18996	0.318108	1.18693	1.18693	0.507325	1.12382	1.12382	0.97201	0.993929	-1.00611	0.691019	0.290225	0.424008	1
cg01346152	DHRS3	0.704179	0.564116	1.49535	1.45635	0.358701	1.8377	1.8377	0.556986	0.681822	-1.46666	0.672576	0.760278	-1.31531	0.651202	1.34103	1.34103	0.32576	1.92361	1.92361	0.289957	2.23072	2.23072	0.190813	2.44276	2.44276	0.994004	1.00486	1.00486	0.69097	4.54928	5.83237	1
cg26830008	FYB	0.704183	0.161427	4.43407	4.43407	0.304082	2.88179	2.88179	0.495326	2.00319	2.00319	0.387509	2.41276	2.41276	0.660759	2.64584	2.64584	0.309209	3.72568	3.72568	0.820853	0.798084	-1.253	0.936797	1.08206	1.08206	0.866121	1.18268	1.18268	0.690965	10.821	13.9206	1
cg06570072	ITFG3	0.704193	0.430169	1.5692	1.5692	0.114738	2.61098	2.61098	0.223783	2.16048	2.16048	0.419677	1.58619	1.58619	0.583443	1.36323	1.36323	0.411334	1.60005	1.60005	0.24724	1.96782	1.96782	0.417347	1.59003	1.59003	0.70273	1.2393	1.2393	0.69095	3.4259	4.40734	1
cg12034869	SLCO3A1;SLCO3A1	0.704196	0.92323	1.06755	1.06755	0.975991	1.80309	1.80309	0.763056	1.20524	1.20524	0.976872	0.980588	-1.0198	0.606667	0.708958	-1.42074	0.717372	1.28264	1.28264	0.256112	2.0805	2.0805	0.452163	1.67859	1.67859	0.639051	1.37638	1.37638	0.690946	5.0041	6.47363	1
cg15180789	SCHIP1	0.704207	0.631683	1.24647	1.24647	0.279597	0.598839	-1.6699	0.308937	1.61664	1.61664	0.37671	1.51255	1.51255	0.968428	0.982107	-1.01822	0.516279	0.740652	-1.35016	0.890561	0.939131	-1.06481	0.39196	0.670262	-1.49195	0.441977	1.42994	1.42994	0.69093	2.27711	2.92953	1
cg01964856	SOX8	0.704214	0.38569	0.669046	-1.49407	0.484817	1.37923	1.37923	0.33658	1.56637	1.56637	0.893967	1.06226	1.06226	0.449723	0.705487	-1.41746	0.59663	0.785118	-1.27369	0.213284	0.55226	1.81074	0.86481	1.02792	-1.07899	0.522569	1.34113	1.34113	0.69092	2.24482	2.68803	1
cg27345111	TBCD;ZNF750	0.704227	0.623442	1.11394	1.11394	0.785075	0.942152	-1.0614	0.507945	1.15767	1.15767	0.719186	1.06319	1.06319	0.667851	0.910192	-1.09867	0.277048	1.27946	1.27946	0.08626147	1.52052	1.52052	0.967261	1.00899	1.00899	0.572979	1.1322	1.1322	0.690903	0.519961	0.680963	1
cg21040560	FGF13;FGF13;FGF13;FGF13;FGF1 3;FGF13	0.704229	0.3636	0.254943	-3.92244	0.951426	0.914687	-1.09327	0.98069	1.03606	1.03606	0.23228	6.25683	6.25683	0.241744	6.01108	6.01108	0.342486	0.238922	-4.18547	0.991717	0.98492	-1.01531	0.515568	2.62494	2.62494	0.919214	1.16009	1.16009	0.690899	23.4459	30.1647	1
cg06697595	TRIM38	0.704261	0.697219	0.817211	-1.22367	0.98431	0.989899	-1.0102	0.07140085	0.353637	-2.82776	0.986963	0.9916	-1.00847	0.445605	0.669426	-1.49382	0.870464	0.919197	-1.08791	0.347861	0.607139	-1.64707	0.351488	0.609548	-1.64096	0.43523	0.662985	-1.50833	0.690854	2.91632	3.7525	1
cg24836226	NCOR2;NCOR2	0.704263	0.812443	0.945457	-1.05767	0.904668	0.41511	1.13533	0.728495	1.03757	1.03757	0.944057	0.962308	1.03757	0.712152	1.02307	1.02307	0.870804	0.945039	1.05807	0.740968	0.74968	1.33409	0.812127	0.946659	1.05629	1.12822	1.12822	1.12822	0.69117	0.83817	1.04242	1
cg18151275	GLS2	0.704281	0.230033	1.66906	1.66906	0.569762	1.26323	1.26323	0.680755	1.18327	1.18327	0.514313	1.30881	1.30881	0.667794	1.19199	1.19199	0.766895	0.886101	-1.12854	0.154554	1.85864	1.85864	0.155019	1.85717	1.85717	0.73235	1.14986	1.14986	0.690825	1.81038	2.32943	1
cg00715343	TK1	0.704284	0.829661	0.746194	-1.34013	0.218977	5.79382	5.79382	0.147539	2.86199	2.86199	0.853197	0.753613	-1.32694	0.348216	0.269173	-3.71508	0.720244	0.613432	-1.63017	0.854123	0.729407	1.37097	0.886469	0.823551	-1.21425	0.930317	1.1262	1.1262	0.690822	20.2035	25.9961	1
cg19656890	EEF1B2;EEF1B2;NDUFS1;EEF1B2	0.704287	0.702869	1.10168	1.10168	0.804068	0.978514	-1.14131	0.741493	1.4745	1.4745	0.931866	1.4745	1.4745	0.656838	0.808389	-1.23704	0.934623	1.08241	1.08241	0.479707	0.980588	1.01958	0.722533	1.02331	1.02331	0.940157	1.15136	1.15136	0.562879	1.1787	1.1787	0.690817	0.864351	1.11218	1
cg16400488	ILF3;ILF3;ILF3;ILF3;ILF3;ILF3	0.704294	0.580072	1.12922	1.12922	0.596023	1.12338	1.12338	0.408844	1.20185	1.20185	0.545336	0.875379	-1.14236	0.521481	1.15177	1.15177	0.77548	0.93971	-1.06416	0.676328	1.0956	1.0956	0.312815	0.796897	-1.25487	0.168317	1.37609	1.37609	0.690808	0.517366	0.665715	1
cg15374092	MIR149;PP14571;GPC1	0.704296	0.718003	0.79758	-1.25391	0.573334	1.04672	1.04672	0.793874	1.13731	1.13731	0.820176	1.13257	1.13257	0.592147	0.523064	-1.88948	0.815155	1.15913	1.15913	0.553248	1.81074	1.81074	0.86481	1.02792	-1.07899	0.522569	1.34113	1.34113	0.69092	2.24482	2.68803	1
cg15484651	TMC3	0.704296	0.533425	0.615809	-1.62388	0.23954	0.748085	-2.57702	0.975041	0.976246	-1.02434	0.952353	0.955274	-1.04682	0.249959	0.396893	2.51957	0.252717	0.399216	2.50491	0.227812	0.377938	-2.64593	0.224573	0.375118	-2.66583	0.810758	0.836495	1.19405	0.690804	0.4635	0.83688	1
cg12191667	KIAA1377;ANGPTL5	0.704309	0.808916	0.917015	-1.0905	0.411486	1.35025	1.35025	0.505665	1.27316	1.27316	0.93494	1.02962	1.02962	0.0901001	1.95024	1.95024	0.345347	1.41557	1.41557	0.873564	1.0586	1.0586	0.599506	0.827396	-1.20861	0.862586	0.939932	-1.06391	0.690786	1.3981	1.80008	1
cg24152857	SLC9A5	0.704311	0.248211	1.70795	1.70795	0.513224	1.06514	1.06514	0.591349	1.31788	1.31788	0.513498	1.35405	1.35405	0.393977	-2.53822	0.425593	1.60854	1.60854	1.60854	0.498202	0.990534	1.00914	0.990534	1.00914	0.999342	0.170859	-5.85277	0.142917	0.793597	-1.26009	0.667783	0.80462	1.01478	0.690781	0.498207	0.425336	0.547655	1
cg21266305	SLC36A5;SLC36A5	0.704311	0.427094	0.406074	-2.4958	0.604742	0.554912	-1.80209	0.506434	0.467502	-2.13903	0.105379	7.35641	7.35641	0.965448	0.953718	-1.04853	0.520939	0.480041	-2.08315	0.597132	1.82507	1.82507	0.863182	1.21441	1.21441	0.950729	1.07219	1.07219	0.690782	13.9187	17.9104	1
cg12564526	PMS2L4;STAG1L4	0.704345	0.53485	0.848709	-1.17824	0.660577	0.76419	-1.30919	0.833797	1.21574	1.21574	0.943664	1.35059	1.35059	0.788772	0.97653	-1.02403	0.839439	1.25207	1.25207	0.407884	0.754958	1.32507	0.607358	1.40465	1.40465	0.647773	0.992255	1.00782	0.853111	1.1891	1.1891	0.690773	0.941353	1.23476	1
cg19442702	AHRR	0.704319	0.96137	1.02298	1.02298	0.218801	1.83457	1.83457	0.251287	0.568864	-1.7548	0.616063	0.788831	-1.2677	0.81566	0.896223	-1.11579	0.495345	0.722652	-1.38379	0.534129	1.34369	1.34369	0.341088	1.58451	1.58451	0.976207	0.986105	1.01409	0.690771	2.40822	3.09892	1
cg02588883	CNKSR2;CNKSR2;CNKSR2;CNKSR2	0.704333	0.646146	0.791963	-1.26269	0.685475	1.22805	1.22805	0.552207	1.35448	1.35448	0.633056	1.27466	1.27466	0.754879	1.17119	1.17119	0.180379	0.48787	-2.04973	0.552642	0.738539	-1.35402	0.378573	0.633946	-1.57742	0.25494	0.548979	-1.82156	0.690757	2.78484	3.58363	1
cg10039267	BCOR;BCOR	0.704343	0.677823	1.1918	1.1918	0.840648	0.978514	1.14131	0.741493	1.4745	1.4745	0.931866	1.4745	1.4745	0.656838	0.808389	-1.23704	0.934623	1.08241	1.08241	0.479707	0.980588	1.01958	0.722533	1.02331	1.02331	0.940157	1.15136	1.15136	0.562879	1.1787	1.1787	0.690817	0.864351	1.11218	1
cg19929194	RAPGEF5	0.704381	0.677565	0.789722	-1.26227	0.593699	1.39557	1.39557	0.736167	0.826192	-1.21037	0.527644	1.4352	1.4352	0.196296	0.462353	-2.16285	0.664306	1.27957	1.27957	0.813955	0.875381	-1.14236	0.191967	2.18108	2.18108	0.663949	0.781289	-1.27994	0.690684	3.48694	4.48759	1
cg06440553	ADCK4;ITPKC	0.704401	0.86588	1.08885	1.08885	0.922673	0.960496	-1.05214	0.553776	1.39661	1.39661	0.960855	1.478	1.478	0.542403	0.415111	-2.409	0.245334	1.0924	1.0924	0.871344	1.09459	1.09459	0.695681	1.14253	1.14253	0.831153	1.04789	1.04789	0.690655	3.40148	4.37778	1
cg16043700	TTLL10;TTLL10	0.704406	0.921392	1.04788	1.04788	0.159676	1.490707	-2.03788	0.69865	1.2024	1.2024	0.546653	1.33512	1.33512	0.820001	0.897641	1.11403	0.362767	1.55766	1.55766	0.410826	1.48009	1.48009	0.855902	0.91748	-1.08994	0.377572	0.651179	-1.53568	0.690648	2.45546	3.16027	1
cg25866059	UBE2Q2;UBE2Q2 NFASC;NFASC;NFASC;NFASC;NF ASC	0.704407	0.491819	0.90405	-1.10613	0.949914	1.00912	1.00912	0.470857	1.1118	1.1118	0.927002	1.01333	1.01333	0.7509	0.95503	-1.04709	0.441576	1.12005	1.12005	0.614925	1.07603	1.07603	0.957745	1.00768	1.00768	0.0995176	0.770241	-1.29801	0.690647	0.228313	0.293848	1
cg24085946	ASC;NFASC;NFASC;NFASC;NFASC	0.704408	0.604799	0.899637	-1.11156	0.452062	0.856237	-1.1679	0.711116	0.927406	-1.07828	0.864781	1.03513	1.03513	0.937602	0.984304	-1.01595	0.654213	1.09564	1.09564	0.866098	1.0338	1.0338	0.656898	1.0948	1.0948	0.946045	0.448926	0.577786	1
cg08402663	STK24;STK24	0.704415	0.296526	0.435862	-2.29501	0.635389	0.976	-1.51309	0.894708	0.943502	-1.10689	0.867482	0.990431	-1.00964	0.757242	0.970941	-1.03075	0.308696	0.445001	-2.24581	0.726954	0.943819	-1.06002	0.415812	0.552832	-1.80887	0.716544	1.32281	1.32281	0.690636	0.41867	0.82895	1
cg23057732	C1orf39	0.704423	0.58856	1.11968	1.11968	0.888361	0.971344	-1.0295	0.464741	1.16651	1.16651	0.274754	1.26519	1.26519	0.418262	1.18674	1.18674	0.504323	1.15056	1.15056	0.169707	0.738769	-1.3536	0.857211	0.963406	-1.03798	0.920095	0.979444	-1.02099	0.690624	0.468659	0.603203	1
cg24355182	TRPA1	0.704425	0.45974	1.86115	1.86115	0.287611	1.21788	1.21788	0.437388	1.25585	1.25585	0.89577	0.995635	-1.00438	0.212665	0.550164	-2.45434	0.838468	0.644388	-1.5445	0.620945	0.995635	1.00438	0.995635	1.00438	0.995635	1.00438	1.20584	0.648972	-1.45197	0.690622	7.44075	9.58466	1
cg21507684	C20orf166;MIR133A2	0.704427	0.354973	0.5038	-1.98503	0.271926	1.44756	1.44756	0.958315	0.975357	-1.02527	0.977168	0.990787	1.0093	0.559618	0.826291	-1.21023	0.833746	1.07034	1.07034	0.823164	0.851989	-1.17372	0.185657	0.635143	-1.57445	0.515137	1.23795	1.23795	0.690619	1.14417	1.47265	1
cg10744268	HABP2	0.704428	0.706304	1.08177	1.08177	0.505953	1.15043	1.15043	0.400672	0.836423	-1.19557	0.296653	1.25192	1.25192	0.30416	1.24728	1.24728	0.273449	1.26699	1.26699	0.286725	1.25822	1.25822	0.716498	0.927072	-1.07866	0.748615	1.06904	1.06904	0.690618	0.47156	0.606942	1
cg09910279	RGS12;RGS12;RGS12	0.704444	0.307028	0.565118	-1.76955	0.67525	1.25705	1.25705	-1.91888	0.354603	1.93977	-2.53822	0.425593	1.60854	1.60854	1.60854	0.498202	0.983461	-1.01687	0.956797	1.04577	-1.07294	0.337602	0.584554	1.71941	0.128726	0.430074	-2.48859	0.506129	0.693313	-1.44235	0.392438	0.621461	-1.60911	0.689594	2.32419	3.14997	1
cg22155270	REPIN1;REPIN1;REPIN1	0.704455	0.165119	1.33542	1.33542	0.701959	0.92764	-1.078	0.444373	0.858716	-1.16453	0.590648	0.899355	-1.11191	0.534691	0.884415	-1.13069	0.442888	0.858302	-1.16509	0.943948	0.849465	-1.17721	0.575076	1.1117	1.1117	0.728727	1.07038	1.07038	0.690579	0.417375	0.53723	1
cg06062279	GAUS	0.704468	0.770344	0.856936	-1.16695	0.889059	0.929028	-1.07639	0.730632	1.13996	1.13996	0.847087	0.903187	-1.10719	0.551069	0.727513	-1.37455	0.675393	0.852013	1.24008	0.819736	0.885141	-1.13489	0.794935	1.14726	1.14726	0.241284	0.523631	-1.90974	0.690561	3.04955	3.91636	1
cg01186669	WIBG;WIBG	0.704468	0.847256	1.08973	1.08973	0.658428	1.24661	1.24661	0.744014	1.34014	1.34014	0.813906	1.28691	1.28691	0.750766	0.854097	-1.17083	0.860569	0.931777	-1.07322	0.867355	0.925703	1.08026	0.865284	0.95911	1.04257	0.78486	0.785884	1.14427	1.14427	0.690561	2.67888	3.44825	1
cg21758733	TRIO	0.704479	0.443218	0.592745	-1.68707	0.702622	0.773667	-1.29255	0.321694	0.504149	-1.98354	0.492241	0.627131	-1.59456	0.664682	0.749554	-1.33877	0.689167	1.30862	1.30862	0.122004	0.325857	-3.06883	0.463445	1.70698	1.70698	0.902996	0.921671	-1.08496	0.690546	4.89449	6.30032	1
cg21239666	TNK2;TNK2	0.704487	0.780799	1.07313	1.07313	0.844204	0.924424	-1.08151	0.445133	1.14343	1.14343	0.220564	0.779888	1.28209	0.779888	0.705991	-1.41668	0.344143	1.51253	1.51253	0.180454	0.742407	1.34682	0.220564	0.742407	1.34682	0.220564	0.709412	1.40953	0.690532	2.70946	3.49474	1
cg13507488	C6orf132	0.704505	0.551343	1.16457	1.16457	0.787471	0.933977	-1.07069	0.108245	0.642165	-1.55723	0.754778	1.08242	1.08242	0.418149	1.2326	1.2326	0.758606	0.925043	-1.08103	0.4522	0.823995	-1.2136	0.633223	1.12921	1.12921	0.788253	1.07041	1.07041	0.690508	0.698725	0.899466	1
cg23722498	SYTL4;SYTL4	0.704509	0.215880	0.214373	-4.66478	0.993267	1.01003	1.01003	0.573959	1.93882	1.93882	0.230308	4.42879	4.42879	0.598121	0.533146	-1.87566	0.326221	0.301631	-3.3153	0.354045	0.327357	-3.05478	0.187666	0.822274	-1.21614	0.864127	0.95399	-1.04853	0.691003	0.15203	0.195833	1
cg20983617	RAB68	0.704514	0.344687	0.534026	-1.87245	0.958071	1.0138	1.0138	0.624644	1.25897	1.05897	0.323851	0.766779	-1.30416	0.665831	0.892933	1.1199	0.393161	0.796145	-1.25605	0.274553	1.34487	1.34487	0.543905	1.17363	1.17363	0.585296	1.866228	-1.15443	0.690496	0.742825	0.956253	1
cg15970074	PUF60;PUF60;PUF60	0.704525	0.84731	0.912193	-1.09626	0.668995	1.22761	1.22761	0.288375	1.69137	1.69137	0.241553	1.7941	1.7941	0.620611	0.788273	-1.2685	0.970411	1.01784	1.01784	0.186554	0.512917	-1.94963	0.926786	1.11015	1.11015	0.6991	1.20346	1.20346	0.690479	2.48622	3.20064	1
cg03050060	RNF216;RNF216	0.704556	0.393754	1.70705	1.70705	0.574652	1.16633	1.16633	0.50551	1.45819	1.45819	0.55894	1.55804	1.55804	0.472207	0.553876	-1.80592	0.588778	1.15936	1.15936	0.41879	0.9202	1.08695	0.76312	0.772608	-1.29448	0.634946	1.01358	1.01358	0.690416	0.795924	1.02447	1
cg08892078	KLHDC8A	0.704557	0.154575	0.713098	-1.40233	0.626106	0.896765	-1.11512	0.456933	0.845251	-1.18308	0.235482	0.75888	-1.31773	0.902664	1.02752	1.02752	0.77065	1.06702	1.06702	0.642345	1.1094	1.1094	0.923252	1.02161	1.02161	0.293236	0.785089	-1.27374	0.690435	0.538503	0.693288	1
cg04369109	LATS1;LATS1	0.704563	0.824117	1.08144	1.08144	0.75238	0.958204	-1.04128	0.559152	1.08277	1.08277	0.779394	0.960358	-1.04128	0.555157	0.919354	-1.08777	0.553196	0.8079	1.23782	0.743041	0.924744	-1.08155	0.742854	1.07295	1.07295	0.851207	1.02283	-1.04252	0.837304	0.977835	1.02267	0.690427	0.922331	1.20744	1
cg21284034	TCEAL1;TCEAL1;TCEAL1;TCEAL1	0.704599	0.124193	0.233768	-4.27774	0.186204	0.294187	-3.9992	0.557442	0.595729	-1.67863	0.715671	1.37626	1.37626	0.71726	0.727971	1.37368	1.30795	0.397989	-2.51263	0.616932	0.643853	-1.55315	0.511528	0.559175	-1.78835	0.986965	1.01436	1.01436	0.690375	0.83395	1.07303	1
cg20794750	HIATL1	0.704609	0.197331	0.634739	-1.57545	0.414811	1.3205	1.3205	0.474227	1.27604	1.27604	0.653643	0.860156	-1.16258	0.38733	1.34384	1.34384	0.993348	0.997223	-1.00278	0.779141	0.991409	1.00931	0.531776	0.809573	-1.23522	0.930848	0.745841	-1.34077	0.690361	1.21628	1.56605	1
cg17598795	FAM13C;FAM13C;FAM13C;FAM13C	0.704618	0.771174	0.885313	-1.12954	0.523427	0.579398	-1.72851	0.653868	0.795574	-1.25653	0.682116	0.989764	-1.01034	0.732167	0.866258	-1.15455	0.409638	0.70858	-1.41096	0.409968	0.71258	-1.40398	0.762567	1.14922	1.14922	0.621218	0.795623	-1.25688	0.690348	2.30371	2.86624	1
cg24769969	MIR548F5;NBEA;MAB21L1	0.704621	0.8435	1.20318	1.20318	0.139776	4.42347	4.42347	0.101015	5.36932	5.36932	0.862624	0.854078	-1.17085	0.503818	1.88674	1.88674	0.730105	1.38277	1.38277	0.615817	1.60554	1.60554	0.803563	1.26267	1.26267	0.954628	0.948147	-1.05469	0.690344	9.57511	12.3289	1
cg01709096	FB

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg11381149	SLC2A12	0.705274	0.289839	0.529569	1.91362	0.872425	0.909432	-1.09959	0.462848	0.644087	1.555	0.334501	1.80037	0.372399	0.582171	1.717271	0.491763	0.661988	-1.5106	0.631049	1.33022	1.33022	0.919146	1.06182	0.942388	1.78227	0.689419	3.8105	4.91299	1
cg11476878	NMT2	0.705285	0.449795	0.86933	-1.15031	0.135877	0.746599	-1.33941	0.34338	0.883732	-1.19421	0.953445	0.98944	-1.01067	0.282339	0.816166	-1.22524	0.923804	1.01755	0.107755	0.802277	0.955403	-1.04668	0.189738	0.776809	-1.28732	0.588184	0.905375	-1.10451	0.689403	0.361	0.465459	1
cg02437119	KIAA0232;KIAA0232	0.705286	0.30138	2.9564	2.9564	0.634648	0.615937	-1.62354	0.93505	1.08601	1.08601	0.161162	4.54925	4.54925	0.95682	1.05634	1.05634	0.28862	3.05009	3.05009	0.705832	0.681213	-1.46797	0.485536	0.488013	-2.04913	0.703867	1.46223	1.46223	0.689402	11.1894	14.4272	1
cg19430975	HSF1;BOP1	0.705289	0.510996	1.31639	1.31639	0.887977	1.05981	1.05981	0.311279	1.54025	1.54025	0.250107	0.609227	-1.64142	0.260244	1.62288	1.62288	0.675054	0.840425	-1.1897	0.65587	1.20314	1.20314	0.597472	0.802745	-1.24573	0.526478	1.30295	1.30295	0.689397	1.85361	2.39347	1
cg25825488	TTG8	0.705324	0.31564	1.25848	1.25848	0.405862	1.20735	1.20735	0.922625	0.978703	-1.02716	0.257796	1.29909	1.29909	0.668709	1.10009	1.10009	0.669532	1.0998	1.0998	0.407009	0.828656	-1.20677	0.237596	1.31541	1.31541	0.353971	1.2353	1.2353	0.689347	0.536064	0.691235	1
cg22702432	ROCK1;ROCK1	0.705331	0.169272	6.6026	6.6026	0.374856	3.21299	3.21299	0.390831	3.08464	3.08464	7	7	7	0.275587	4.29097	4.29097	0.383442	3.14286	3.14286	0.394544	3.05611	3.05611	0.520196	2.30387	2.30387	0.264501	4.4544	4.4544	0.673353	15.1184	19.6459	1
cg11150667	TNK2;TNK2	0.705337	0.476393	1.62488	1.62488	0.227248	2.34013	2.34013	0.34892	1.90934	1.90934	0.561453	1.4826	1.4826	0.498932	1.58468	1.58468	0.627073	1.38872	1.38872	0.106943	3.2556	3.2556	0.298182	2.06119	2.06119	0.362347	1.87377	1.87377	0.689333	4.91114	6.3329	1
cg20912235	CBorf58	0.705339	0.160963	1.99518	1.99518	0.166871	1.97748	1.97748	0.417865	1.46667	1.46667	0.855448	0.919094	-1.08803	0.670966	0.820615	-1.2186	0.997699	1.00133	1.00133	0.426697	1.45581	1.45581	0.824659	1.10812	1.10812	0.441041	1.43833	1.43833	0.689327	2.3368	3.0133	1
cg08099431	RDRA	0.705341	0.507099	1.46212	1.46212	0.274826	1.8994	1.8994	0.857488	1.19434	1.19434	0.794374	1.49546	1.49546	0.743774	0.830941	-1.20345	0.308806	1.81258	1.81258	0.262817	1.93324	1.93324	0.236767	0.21362	0.21362	0.615544	1.33096	1.33096	0.689324	3.48073	4.44843	1
cg23877401	KDM2B;KDM2B	0.705342	0.759266	0.887071	-1.12731	0.843058	1.08034	1.08034	0.559528	1.25866	1.25866	0.325334	0.673047	-1.48578	0.191756	0.583474	-1.71387	0.465692	0.74869	-1.33567	0.717989	0.877319	-1.13984	0.673353	1.17974	1.17974	0.309397	1.50697	1.50697	0.689323	1.65928	2.13967	1
cg04497611	TBCD	0.705356	0.854491	1.10953	1.10953	0.478497	1.02557	1.02557	0.185703	1.58193	1.58193	0.56003	2.34546	2.34546	0.653756	1.39394	1.39394	0.459705	1.92761	1.92761	0.03	5.15377	5.15377	0.154053	1.54053	1.54053	0.25185	2.94054	2.94054	0.689302	0.218403	0.29454	1
cg14991718	TFG;TFG /// RHOBTB1;RHOBTB1;RHOBTB1;RHOBTB2	0.705359	0.601486	1.12074	1.12074	0.549331	0.624468	-1.60136	0.98508	0.995963	-1.00405	0.803737	1.05534	1.05534	0.82353	1.0495	1.0495	0.717469	0.924403	-1.08178	0.762993	0.935007	-1.06951	0.848082	1.04236	1.04236	0.813768	0.950233	-1.05237	0.689299	0.510864	0.658788	1
cg19301658	1	0.705359	0.351114	1.24962	1.24962	0.752071	0.92905	-1.07637	0.576681	1.13992	1.13992	0.719546	1.08733	1.08733	0.264611	1.30995	1.30995	0.690652	1.09734	1.09734	0.959759	0.988352	-1.01179	0.677262	0.907383	-1.10207	0.102894	1.51336	1.51336	0.689298	0.588642	0.759087	1
cg14550383	SAT1;SAT1	0.705364	0.262716	0.329695	-3.0331	0.728671	0.718271	-1.39223	0.724539	0.705352	-1.41798	0.435953	0.945763	-1.05735	0.275681	0.340434	2.93743	0.851154	1.19542	0.998388	1.00192	1.00192	0.924858	1.09378	1.0937	0.998298	1.00192	0.924858	1.09378	0.689298	0.85696	12.7112	1
cg00424160	MAP7D3	0.705371	0.180351	2.090449	2.090449	0.332532	0.881988	1.1968	0.978982	1.08601	1.08601	0.162591	1.06291	1.06291	0.352114	1.30319	1.30319	0.887787	1.40617	1.40617	0.40615	0.453389	2.44657	2.44657	-0.92339	0.822676	1.73959	1.73959	0.460973	0.165468	-6.19241	0.667217	0.351221	-2.84721	0.688171	0.407233	58.5826	1
cg02385791	ZNF570	0.705383	0.192712	1.66859	1.66859	0.570973	1.23695	1.23695	0.837333	0.926497	-1.07933	0.944176	0.974329	-1.02635	0.257726	1.55055	1.55055	0.214965	1.62429	1.62429	0.764264	0.894321	-1.11817	0.720077	0.874908	-1.14298	0.676463	0.855688	-1.16865	0.689264	1.50553	1.94156	1
cg24517989	TEAD1	0.705397	0.996344	1.00353	1.00353	0.715651	2.48545	2.48545	0.288215	1.99339	1.99339	0.617626	0.729868	-1.37011	0.330189	0.525802	-1.90153	0.815808	0.864167	-1.15718	0.414983	1.68424	1.68424	0.942576	1.13248	1.13248	0.826416	1.1473	1.1473	0.689344	4.27302	5.51073	1
cg00569960	C20orf15	0.705408	0.461811	0.860453	1.162623	0.197267	1.31452	1.31452	0.852874	0.963438	-1.03795	0.588147	1.11594	1.11594	0.965331	0.991318	1.00876	0.688105	0.922238	-1.08433	0.113793	1.37779	1.37779	0.909693	0.977492	-1.02303	0.879715	1.03085	1.03085	0.689229	0.439403	0.566093	1
cg05516140	KIDINS220;KIDINS220	0.705413	?	?	?	0.303612	2.37584	2.37584	0.258065	2.59669	2.59669	?	?	?	0.643831	1.45711	1.45711	0.768983	0.788093	-1.26889	0.766707	0.78618	-1.27197	0.402103	0.499889	-2.00044	0.624998	0.671456	-1.4893	0.654026	5.26721	9.20401	1
cg06462874	FGF13	0.705418	0.131792	0.675254	-1.48092	0.943675	1.0727	1.0727	0.813146	0.944446	-1.05882	0.799385	0.94038	-1.0634	0.19377	0.693884	-1.44106	0.313815	0.777585	-1.28587	0.775306	1.07152	1.07152	0.564266	0.868752	-1.15106	0.951588	1.01476	1.01476	0.689215	0.636006	0.820265	1
cg12661370	SLC26A2	0.705427	0.331631	1.57752	1.57752	0.912745	1.05115	1.05115	0.67122	1.21448	1.21448	0.512986	0.739376	-1.35249	0.160532	0.765429	-1.30646	0.292773	1.64334	1.64334	0.742418	1.16194	1.16194	0.146358	2.03317	2.03317	0.551725	1.31526	1.31526	0.689202	2.26087	2.91592	1
cg10089457	CASKIN2;CASKIN2	0.705427	0.833465	0.915405	1.20034	0.319992	1.06433	1.06433	0.315311	1.76582	1.76582	0.109899	1.40352	1.40352	0.19489	0.643422	-1.55462	0.549224	0.810897	1.23334	0.660307	1.15318	1.15318	0.804703	1.04554	1.04554	0.863532	1.05709	1.05709	0.689202	1.12493	1.44635	1
cg08431357	PTPRT;PTPRT	0.705434	0.507138	1.47602	1.47602	0.484903	1.50776	1.50776	0.868295	1.10078	1.10078	0.693773	0.795368	-1.25728	0.957087	1.03162	1.03162	0.692729	1.25833	1.25833	0.370748	0.587571	-1.70192	0.109346	2.74577	2.74577	0.437542	1.58119	1.58119	0.689192	3.65367	4.71234	1
cg01170643	DIG1	0.705436	0.838958	1.09457	1.09457	0.413491	1.44056	1.44056	0.93664	1.03594	1.03594	0.419557	0.693328	-1.44232	0.810291	0.898708	-1.11271	0.189092	1.8549	1.8549	0.941382	1.03216	1.03216	0.753355	1.15025	1.15025	0.152526	1.97489	1.97489	0.689193	2.1526	2.77633	1
cg14483546	AUTS2;AUTS2;AUTS2	0.705437	0.598392	1.12455	1.12455	0.712402	0.86469	-1.15648	0.477234	1.85936	1.85936	0.124972	1.64753	1.64753	0.088599	2.06479	2.06479	0.640757	1.54579	1.54579	0.470808	0.533862	-1.87666	0.950029	1.05326	1.05326	0.643913	0.609027	-1.49471	0.689188	0.83996	10.3696	1
cg02161824	FAM127B;FAM127B	0.705439	0.582488	0.525836	-1.90173	0.202204	0.210386	-4.75318	0.325612	0.308812	-3.23821	0.270165	3.77808	3.77808	0.854482	1.23682	1.23682	0.356952	0.333934	2.9946	0.822497	1.29708	1.29708	0.769104	0.711222	-1.40603	0.85803	1.23034	1.23034	0.689185	14.6286	18.8674	1
cg26488314	PHR1	0.705441	0.207544	0.543116	1.84149	0.309584	1.978315	1.63782	0.883457	0.666243	-1.50085	0.79424	1.32096	1.32096	0.336191	0.635403	-1.57375	0.702767	0.839203	-1.19161	0.533248	0.948265	1.05465	0.948265	1.05465	0.948265	1.05465	0.948265	1.05465	0.689182	2.82474	2.94387	1
cg03844622	C6orf221	0.705456	0.84377	1.08991	1.08991	0.23653	0.582545	-1.71808	0.399085	0.681453	-1.46745	0.908451	1.05148	1.05148	0.167004	0.525791	1.90189	0.799529	1.17144	1.17144	0.513755	0.74904	-1.33504	0.462347	0.721462	-1.38607	0.256543	0.596449	1.67659	0.689162	0.70826	2.68057	1
cg19041419	KIT;KIT	0.705459	0.629491	1.17535	1.17535	0.317176	1.41012	1.41012	0.378279	1.35047	1.35047	0.844904	1.06726	1.06726	0.215156	0.648142	-1.54287	0.959948	0.983447	-1.01683	0.772056	1.10135	1.10135	0.995336	0.999723	-1.00028	0.272716	0.684256	-1.46144	0.689157	1.20571	1.55514	1
cg08599229	13-Sep	0.705473	0.501402	1.33876	1.33876	0.7186	1.191	1.191	0.598174	1.1701	1.1701	0.905508	1.12501	1.12501	0.801637	1.07019	1.07019	0.644553	1.29058	1.29058	0.385883	1.37918	1.37918	0.370252	0.756523	-1.32184	0.665409	1.14104	1.14104	0.68137	1.00868	1.29461	1
cg13147664	ABR;ABR	0.705473	0.815879	1.11116	1.11116	0.379731	1.50261	1.50261	0.959478	1.02323	1.02323	0.540727	1.32291	1.32291	0.19271	0.53633	-1.86452	0.331522	1.57263	1.57263	0.562591	0.771236	-1.29662	0.425843	1.44407	1.44407	0.672416	0.825148	1.21159	0.689137	2.22886	2.87492	1
cg16108253	LPCAT4	0.705479	0.658384	1.1849	1.1849	0.463778	1.283	1.283	0.944003	1.04725	1.04725	0.687615	1.1801	1.1801	0.525701	1.18339	1.18339	0.642419	-1.15662	0.866753	0.913337	1.78179	1.78179	0.585933	1.18449	1.18449	0.767705	0.912939	1.09546	0.689134	1.12303	1.44635	1
cg24868307	TPCN2	0.705494	0.464408	0.794571	-1.25854	0.673964	0.877504	-1.1396	0.286169	0.710306	-1.40784	0.729788	1.11302	1.11302	0.295262	0.715197	1.39822	0.408856	0.770384	-1.29805	0.263114	0.697476	-1.43374	0.27773	0.705684	-1.41706	0.210812	0.665528	-1.50257	0.689108	1.04085	1.3426	1
cg16705481	TRAPPC3;TRAPPC3	0.705501	0.90345	1.03507	1.03507	0.542698	0.839461	-1.19124	0.853665	0.948915	-1.05384	0.388897	0.778197	-1.28502	0.11356	1.63067	1.63067	0.491118	1.21971	1.21971	0.742122	0.910488	-1.09831	0.40707	1.23166	1.23166	0.922119	0.972611	-1.02816	0.689098	0.880242	1.13541	1
cg02702625	PIKfyve	0.705505	0.238639	0.717872	1.39359	0.276932	0.98704	-1.0132	0.917693	0.934192	-1.07049	0.456594	1.27202	1.27202	0.40051	0.795494	-1.25703	0.387887	1.39297	1.39297	0.376881	0.766082	-1.30505	0.316984	0.950325	1.05326	1.05326	0.640913	0.607502	-1.64608	0.689084	0.75761	1.31994	0.884092	0.3826	0.513732	1
cg14864292	KIAA1430	0.705515	0.868186	0.953993	-1.04823	0.941348	0.979352	-1.02108	0.193475	1.47723	1.47723	0.128495	1.5934	1.5934	0.706246	1.11334	1.11334	0.827092	0.939855	-1.06399	?	?	?	0.496265	1.21638	1.21638	0.602196	1.16081	1.16081	0.673409	0.762232	1.1319	1
cg09701089	TEKDE	0.705516	0.881164	1.04298	1.04298	0.550546	1.23391	1.23391	0.461948	0.794732	-1.25886	0.123139	0.598442	-1.67101	0.813202	1.07548	1.07548	0.636541	1.15757	1.15757	0.754449	0.908055	-1.10125	0.819856	0.980657	-1.03142	0.264518	0.699143	-1.42973	0.689069	1.03124	1.3328	1
cg19235745	CSTF3;CSTF3;CSTF3;CSTF3;CSTF3	0.705529	0.986372	0.994552	-1.00548	0.768146	1.09913	1.09913	0.796915	1.08598	1.08598	0.820003	0.993159	-1.07153	0.927722	1.02944	1.02944	0.632551	1.16658	1.16658	0.863444	1.95126	1.95126	0.778129	1.09455	1.09455	0.418273	0.79557	-1.30283	0.689058	1.11637	1.44013	1
cg24825966	RFX4	0.705533	0.698974	1.07853	1.07853	0.124624	1.13175	1.13175	0.857897	1.07184	1.07184	0.917501	1.13021	1.13021	0.553729	0.890006	-1.12359	0.523602	1.33944	1.33944	0.534332	1.13083	1.13083	0.797253	1.05135	1.05135	0.852509	1.26206	1.26206	0.793183	0.950172	-1.05244	0.689056	0.412954	0.532715	1
cg26530038	GNG7	0.705531	0.503805	1.67996	1.67996	0.562169	1.56705	1.56705	0.5036	0.5951	-1.68039	0.437621	1.85767	1.85767	0.760357	1.26356	1.26356	0.466811	1.76162	1.76162	0.83921	1.17416	1.17416	0.128404	3.51385	3.51385	0.219178	2.68617	2.68617	0.689054	0.638132	8.23198	1
cg10700334	HDGFL1;KIF1;KIF1	0.705532	0.52652	0.868707	1.15161	0.469781	1.28123	1.28123	0.729396	1.13475	1.13475	0.244939	1.64725	1.64725	0.016607	2.08657	2.08657	0.761275	1.31456	1.31456	0.088396	1.78179	1.78179	0.585933	1.18449	1.18449	0.767705	0.912939	1.09546	0.689044	1.16825	1.44635	1
cg16197088	PNPLA2	0.705546	0.899877	0.973126	-1.02762	0.591588	1.12436	1.12436	0.610064	1.11775	1.11775	0.78866	1.05987	1.05987	0.421072	1.19469	1.19469	0.252151	0.771907	-1.29549	0.199562	1.34087	1.34087	0.792529	0.944546	-1.05871	0.428794	0.839609	-1.19103	0.689034	0.511134	0.659389	1
cg09103091	URGJA2	0.705549	0.913955	1.03955	-1.01626	0.098725	0.210749	-4.59303	0.971955	1.02973	1.02973	0.850936	1.16098	1.16098	0.910536	1.07545	1.07545	0.649184	0.682387	-1.46545	?	?	?	0.907041	0.891455	-1.12176	0.367244	2.16602	2.16602	0.673361	6.60076	9.80272	1
cg00109356	SHSA2	0.705555	0.971331	0.986852	-1.01332	0.589568	0.982257	-1.18211	0.51538	0.983477	1.01727	0.860376	1.16228	1.21085	0.615391	1.62498	1.62498	0.626179	0.84608	-1.18217	0.536864	0.794291	-1.25898	0.698985	1.1539	1.1539	0.503545	0.701855	1.42479	0.689021	0.903481	1.2468	1
cg14211874	MYL12B;MYL12B;MYL12B;MYL12B	0.705567	0.717332	0.814277	-1.22808	0.446796	0.644558	-1.55145	0.619724	1.32692	1.32692	0.221615	2.07725	2.07725	0.272534	1.91351	1.91351	?	?	?	0.579029	0.728343	-1.37298	0.545941	1.41306	1.41306	0.815316	1.1413	1.1413	0.673003	2.95816	3.84603	1
cg21749792	ANXA13;ANXA13	0.705572	0.591406	1.35451	1.35451	0.786196	1.25111	1.25111	0.671744	1.78699	1.78699	0.117651	1.27605	1.27605	0.627526	1.31577	1.31577	0.506229	1.46014	1.46014	0.443534	0.645031	-1.55031	0.158295	1.59582	1.59582	0.048612	1.03682	1.03682	0.689095	1.43733	1.43458	1
cg10771695	EIF5;EIF5	0.705594	0.644738	1.17498	-1.33405	0.900163	0.88103	1.08103	0.63936	0.746037	-1.34042	0.301172	1.94451	1.94451	0.411568	1.68406	1.68406	0.530929	1.48292	1.48292	0.10565	2.996	2.996	0.688134	1.28464	1.28464	0.873246	0.905642	-1.10419	0.688965	0.24086	5.42502	1
cg09883431	ZC3H3	0.705595	0.750237	1.11996	1.11996	0.629746	0.978571	-1.06619	0.811092	0.918526	-1.0887	0.851098	1.06895	1.06895	0.749142	1.12056	1.12056	0.579616	2.19323	2.19323	0.479722	0.774519	-1.29112	0.953393	1.02095	1.02095	0.849877	1.07149	1.07149	0.688964	1.37222	1.72322	1
cg09397071	SGCA;SGCA	0.705595	0.952071	0.979951	-1.02046	0.780456	0.96863	1.03863	0.663103	0.951847	1.05041	0.516423	0.85531	-1.16917	0.681639	0.900661	-1.11095	0.70947	1.0393	1.0393	0.725161	0.48335	-2.06935	0.97356	0.804936	-1.24233	0.745425	0.925527	-1.08047	0.688959	0.615777	0.794469	1
cg20027946	TRIM2;TRIM2	0.705605	0.851343	0.873762	-1.14448	0.281543	2.23675	2.23675	0.373531	0.518362	-1.92916	0.744906	0.7907	-1.2647	0.114741	3.43422	3.43422	0.774649	0.814344	-1.22934	0.835569	1.16126	1.16126	0.98692	1.01186	1.01186	0.754689	1.2529	1.2529	0.688937	0.54552	7.28403	1
cg12690575	C11orf51;C11orf9	0.705605	0.843485	1.09405	1.09405	0.478683	0.687325	1.45492	0.808069	0.882802	1.08592	0.826676	1.27333	1.27333	0.168744	0.783398	-1.27648	0.788607	1.01626	1.01626	0.958475	1.33979	1.33979	0.533922	1.23842	1.23842	0.570243	1.21453	1.21453	0.689027	1.15434	1.45474	1
cg01287788	SNORD94;PTCD3	0.705635	0.804667	1.07467	1.07467	0.251251	0.705841	-1.41675	0.546804	0.837601	-1.19388	0.395982	1.2874	1.2874	0.568478	0.845766	-1.18236	0.830425	1.06431	1.06431	0.402349	1.22464	1.22464	0.462132	1.24302	1.24302	0.269243	1.39707	1.39707	0.688907	0.9215	1.189	1
cg26009773	ASCC1;ASCC1	0.705647	0.695609	1.15911	1.15911	0.432478	0.740213	-1.35096	0.764375	0.893466	-1.11963	0.273199	0.651669	-1.53452	0.284125	0.645456	-1.55047	0.111757	0.523853	-1.91025	0.842217	0.931023	-1.07409	0.787267	1.0909	1.0909	0.801382	1.07409	-1.07097	0.54889	1.53852	1.98518	1
cg14668864	APOOL	0.705649	?	?	?	0.927174	1.14419	1.14419	0.620993	2.08411	2.08411	0.178688	8.20757	8.20757	0.442742	0.789194	-1.26712	0.376409	0.262527	-3.80914	0.133591	0.482008	2.07442	2.07442	0.258598	0.698985	1.1539	1.1539	0.503545	0.701855	1.42479	0.689021	0.903481	1.2468	1
cg14551251	ANKRD28	0.705655	0.910679	1.02832	1.02832	0.52613	1.17334	1.17334	0.87699	0.962186	-1.0393	0.412409	0.811756	-1.2319	0.705901	0.909968	-1.09894	0.606586	0.878730	-1.13799	0.830235	1.61225	1.61225	0.833279	1.05386	1.05386	0.976968	1.0934	1.0934	0.688879	0.675688	0.871868	1
cg21853707	PBX1	0.705656	0.526545	0.475408	2.10256	0.353751	1.29239	1.29239	0.834476	0.657274	-1.28687	0.933112	1.06156	1.06156	0.0966	2.51116	2.51116	0.820034	1.18206	1.18206	0.536198	0.647422	-1.54426	0.144334	0.725385	1.72385	1.72385	0.695946	0.460604	1.00383	1.00383	0.68878	5.87971	7.58685	1
cg07727872	C19orf40;CCDC123	0.705665	0.104348	3.9855	3.9855	0.39606	1.4626	1.4626	0.242508	1.60401	1.60401	0.653151	1.90094	1.90094	0.69688	1.18018	1.18018	0.268027	1.56158	1.56158	0.78296	1.11257	1.11257	0.86175	0.934881	-1.06966	0.748346	1.13241	1.13241	0.688865	1.62814	2.10089	1
cg09932330	DUSP7	0.705667	0.524437	1.90686	1.90686	0.444844	1.31301	1.31301	0.13648	1.24648	1.24648	0.179206	0.952823	-1.04951	0.662268	0.822776	-1.21527	0.729914	1.37049	1.37049	0.287284	1.28433	1.28433	0.889	0.979743	-1.02147	0.883339	0.918812	1.08852	0.760393	0.688857	0.882969	1.07209	1.07209	1.07209	0.688857	0.882969	1.07209	1.07209	1.07209	1
cg14556188	ZC3H3	0.705668	0.349732	0.748505	-1.336	0.701194	1.12302	1.12302	0.543035	1.20355	1.20355	0.931101	1.02636	1.02636	0.98594	1.00532	1.00532	0.425783	1.2773	1.2773	0.208552	1.49029	1.49029	0.272679	0.709229	-1.40998	0.757868	0.911141	-1.09753	0.688861	0.988061	1.27497	1
cg07747133	SOX2OT;SOX2	0.705681	0.876815	0.854099	-1.17082	0.429613	0.440547	-2.26991	0.1954	0.248514	-4.02392	0.416424	2.32662	2.32662	0.484042	2.05946	2.05946	0.432659	2.57218	2.57218	0.029327	0.594038	-1.68317	0.255465	0.688318	-1.45208	0.207425	0.660644	0.68487	0.687525	0.814678	1.08537	1.42541	1
cg05178299	PAX7;PAX7;PAX7	0.705685	0.418151	1.20497	1.20497	0.557152	0.87628	1.14284	0.811119	0.829599	-1.20541	0.796541	1.43729	1.43729	0.245461	1.98026	1.98026	0.427327	2.80206	2.80206	0.180426	0.761585	-1.31359	0.356569	0.720525	1.39388	1.39388	0.718185	0.637925	1.20569	1.20569	0.688837	0.825141	1.06478	1
cg09824104	RMC05;ARMC05	0.705695	0.257354	0.303161	-3.29858	0.566304	1.79557	1.79557	0.842184	0.81769	-1.22296	0.224123	3.63058	3.63058	0.992204	1.00991	1.00991	0.260167	0.305484	-3.2735	0.856015	1.20128	1.20128	0.796441	0.770281	-1.29823	0.496846	0.498316	-2.00676	0.688822	11.1213	14.3514	1
cg04070601	FMNL3;FMNL3	0.705699	0.38249	0.587693	-1.70157	0.227319	0.471321	-2.1217	0.635429	0.75318	-1.3277	0.55301	0.700342	-1.42787	0.159491	0.409742	-2.44056	0.576461	0.7154	-1.39782	0.165514	0.415678	-2.40571	0.613655	0.739232	-1.35276	0.858864	1.11311	1.11311	0.688837	3.84276	4.95892	1
cg18909596	TRAPPC9;TRAPPC9	0.705721	0.847449	1.05075	1.05075	0.19857

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1117 vs. N)	Fold-Change(1 vs.1117)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	Ratio(1217 vs. N)	Fold-Change(1 vs.1217)	Ratio(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(3477 vs. N)	p-value(3477 vs. 3537)	p-value(3537 vs. N)	Fold-Change(3537 vs. 3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)	F(Test)	SS(Test)	SS(Error)	df
cg27436995	FBXL16	0.70645	0.421195	2.20837	2.20837	0.503036	1.91184	1.91184	0.678969	0.669473	1.49371	0.917063	1.07841	1.03563	0.527585	1.85324	1.85324	0.40257	2.284	2.284	0.0948168	5.87136	5.87136	0.280795	2.9461	2.9461	0.759881	1.34389	1.343889	0.687754	10.1257	13.0869	1
cg02858262	ZMYM3;ZMYM2;8CYRN1;ZMYM3;ZMY	0.706456	0.161796	0.410385	-2.43573	0.777461	0.843414	-1.18566	0.470885	0.643499	-1.554	0.644293	1.32237	1.32237	0.022583	1.06016	1.06016	0.183946	0.426132	-2.333	0.523726	1.46969	1.46969	0.951874	1.03694	1.03694	0.758044	1.0407	1.20407	0.683745	3.93445	5.08516	1
cg20746084	ZNF197;ZNF197	0.706456	0.889876	0.969864	-1.03107	0.231645	0.753914	-1.32671	0.556532	0.876914	-1.14036	0.918299	0.977594	-1.02292	0.171885	0.725281	-1.37978	0.702376	0.08849	1.08849	0.166589	0.721997	-1.38505	0.968609	0.00039	1.00039	0.615852	1.804287	2.111821	0.687731	0.531305	0.686709	1
cg03879109	CREBBP;CREBBP	0.706471	0.162442	1.77227	1.77227	0.934348	1.03212	1.03212	0.414553	1.37629	1.37629	0.484694	1.31321	1.31321	0.339941	1.45847	1.45847	0.836051	1.08276	1.08276	0.342925	1.82974	1.82974	0.780975	0.8985655	-1.11289	0.534635	1.272911	1.272911	0.687233	1.603775	2.07286	1
cg17528170	VWA3B	0.706472	0.880606	0.924902	-1.08121	0.599077	1.31725	1.31725	0.846501	0.904236	-1.10591	0.559656	1.35852	1.35852	0.198753	1.49383	1.49383	0.493893	-2.02473	0.582088	1.33033	1.33033	0.285749	0.56511	-1.76917	0.304132	1.73808	1.73808	0.803047	0.878272	-1.1386	0.687723	2.93846	3.79799	1
cg02527049	PPHLN1;PPHLN1	0.706479	0.733657	1.13846	1.13846	0.764308	0.892108	-1.12094	0.852496	0.931768	-1.07323	0.436128	0.739598	-1.35209	0.101562	0.506313	-1.97506	0.832128	0.922557	-1.08393	0.418024	1.36918	1.36918	0.475803	1.31694	1.31694	0.993212	0.996375	-1.00324	0.687713	1.57014	2.02945	1
cg00458681	DGCR10	0.706488	0.957541	1.064612	-1.05902	0.152105	2.824225	2.824225	0.183913	0.526881	-1.91983	0.877313	0.900734	-1.11021	0.508497	1.57447	1.57447	0.619664	1.74228	1.74228	0.147738	0.673713	1.11955	1.11955	0.402254	1.25272	1.25272	0.687591	0.779183	0.8073	1
cg02415676	NOVA1;NOVA1;NOVA1	0.706576	0.255315	0.390319	-2.56227	0.175425	0.486441	-2.05575	0.317044	2.60809	2.60809	0.887693	1.41915	1.41915	0.515952	0.593459	1.68504	0.881829	0.888842	-1.12506	0.276446	0.407854	-2.45158	0.323961	0.445726	-2.24353	0.906824	0.931416	-1.07319	0.687576	0.838388	8.83474	1
cg22642212	WDR4;WDR4	0.706582	0.404167	0.800082	-1.24987	0.59776	1.14927	1.14927	0.807926	0.938342	-1.06571	0.219776	0.713793	-1.40097	0.77306	1.07848	1.07848	0.360858	0.782358	-1.27819	0.49516	0.833725	-1.19944	0.433277	0.811445	-1.23237	0.178417	0.688263	-1.45293	0.687567	0.743488	0.961183	1
cg19343554	QSOX2	0.706585	0.907786	0.947158	-1.05579	0.948525	1.03047	1.03047	0.371499	0.872466	-1.14618	0.882536	0.993074	-1.00702	0.975438	1.02564	1.02564	0.341365	0.631694	-1.58305	0.811992	0.894367	-1.11811	0.883177	0.944032	-1.05939	0.937663	0.965227	-1.03625	0.687563	2.390334	3.090424	1
cg20118385	TMEM128	0.706604	0.547449	1.1154	1.1154	0.472451	1.14009	1.14009	0.242557	1.24533	1.24533	0.123748	1.3486	1.3486	0.226962	1.25553	1.25553	0.751839	0.944679	-1.05856	0.973849	1.0059	1.0059	0.657118	1.08344	1.08344	0.619642	1.09392	1.09392	0.687535	0.350435	0.453064	1
cg01361261	DIP2C	0.706611	0.572254	1.14971	1.14971	0.458675	1.71562	1.71562	0.153588	1.24452	1.24452	0.392144	1.68735	1.68735	0.204306	2.22416	2.22416	0.847607	0.891537	-1.12166	0.702354	1.35019	1.35019	0.375464	1.72082	1.72082	0.859056	1.11116	1.11116	0.687525	3.37755	5.01201	1
cg04434147	CBLC;CBLC	0.706615	0.192354	2.00859	2.00859	0.255322	1.82256	1.82256	0.482518	1.43441	1.43441	0.732941	0.841045	-1.189	0.874209	0.923045	1.08337	0.566365	0.746049	-1.34039	0.329706	0.601451	-1.66265	0.942922	1.03685	1.03685	0.873625	1.08378	1.08378	0.68752	2.78171	3.59645	1
cg00994250	PLEKHG1	0.706634	0.211028	0.456327	-2.19141	0.466606	0.64336	-1.55434	0.676044	1.28427	1.28427	0.749462	0.826345	-1.21015	0.228532	0.471238	-2.12207	0.379556	0.584695	-1.71029	0.193111	0.440458	-2.27037	0.429068	0.61841	-1.61705	0.886888	0.918757	-1.08843	0.687493	3.85923	4.98976	1
cg07596643	LOC389765	0.706638	0.758278	0.948617	1.05417	0.912535	1.01729	1.01729	0.334075	1.12491	1.12491	0.988809	0.997423	-1.00258	0.818295	1.03656	1.03656	0.137906	1.12814	1.12814	0.440338	0.884438	-1.13066	0.69225	0.939806	-1.06405	0.50062	1.11258	1.11258	0.687493	0.265166	0.342844	1
cg04248461	DIP2C	0.706637	0.946403	1.05017	1.05017	0.316526	2.12537	2.12537	0.113407	3.25023	3.25023	0.867593	0.885602	-1.12918	0.406279	0.538708	-1.85629	0.857173	0.877071	-1.14016	0.297623	2.19493	2.19493	0.838011	1.16072	1.16072	0.796991	1.20646	1.20646	0.687488	5.77209	7.46303	1
cg02007082	ZNF230	0.706638	0.36853	0.743551	-1.3449	0.715059	1.21484	1.21484	0.803088	1.08346	1.08346	0.738407	0.898072	-1.1135	0.953204	0.983384	-1.01801	0.118313	0.635611	-1.57329	0.914954	1.03487	1.03487	0.746833	1.10951	1.10951	0.137932	0.58989	-1.69948	0.687487	1.18074	1.44906	1
cg24955233	TRIP13;BRD9;TRIP13;8RD9;8RD9	0.706646	0.232884	2.30312	2.30312	0.538177	1.51201	1.51201	?	?	?	?	?	?	0.292947	0.942895	-1.06056	0.957411	1.02988	1.02988	0.75	1.33333	1.33333	0.75	1.33333	1.33333	0.75	1.83816	2.83816	0.687483	1.65729	5.28605	1
cg20346122	IFT122;MBD4;IFT122;IFT122;IFT122	0.706647	0.953982	1.00921	1.00921	0.969392	1.00072	1.00072	0.933913	0.986909	-1.01327	0.65723	0.931498	-1.07354	0.993281	0.746202	-1.34012	0.957411	1.00852	1.00852	0.325628	1.175	1.175	0.724638	1.05781	1.05781	0.499021	1.11521	1.11521	0.687475	0.274892	0.335428	1
cg16282361	ADAR2	0.706654	0.528357	1.17023	1.17023	0.644115	1.74215	1.74215	0.163795	1.74215	1.74215	0.560975	1.74215	1.74215	0.560975	1.74215	1.74215	0.530406	1.11745	1.11745	0.78395	1.32544	1.32544	0.783957	1.21437	1.21437	0.5372	1.55516	1.67746	1.54329	0.23168	0.358	1
cg16208491	PRPF4B	0.706659	0.725581	0.954598	-1.04756	0.19236	0.833659	-1.19953	0.711565	0.952203	-1.0502	0.459323	0.905436	-1.10444	0.604907	1.07124	1.07124	0.451272	1.10649	1.10649	0.488133	1.0973	1.0973	0.291609	0.865466	-1.15521	0.759994	1.04123	1.04123	0.687458	0.189274	0.244733	1
cg02488871	VIL1	0.706668	0.287444	1.51997	1.48703	0.658092	1.75566	1.48955	0.280093	1.64544	1.51236	0.355494	1.60824	1.48735	0.168735	1.68735	1.68735	0.204306	2.22416	2.22416	0.21241	0.415934	2.40442	2.40442	0.467007	2.89157	1.12166	0.702354	1.35019	1.35019	0.687455	1.12116	0.842525	0.751204	3.43755	4.51544	1
cg27449352	GPR63;GPR63	0.70667	0.315257	0.783827	-1.27579	0.826012	0.949672	-1.05299	0.720487	1.08793	1.08793	0.915501	0.975413	-1.02521	0.638896	0.895066	1.11724	0.182111	0.717359	1.394	0.342804	0.795136	-1.25765	0.312238	1.27787	1.27787	0.570287	0.874105	-1.14403	0.687443	0.599004	0.774534	1
cg16206520	MRPL33;MRPL33	0.70667	0.835991	1.14981	1.14981	0.133124	0.335855	-2.97748	0.186079	0.389058	-2.57031	0.751066	1.23901	1.23901	0.147323	0.593613	1.6846	0.686383	0.760838	-1.31434	0.500092	0.636093	-1.58556	0.891278	1.09647	1.09647	0.75765	1.23173	1.23173	0.687442	4.93694	6.38365	1
cg26401944	B4GALNT4	0.706675	0.503132	1.07185	1.07185	0.714007	0.694742	-1.43973	0.723	0.894742	-1.11723	0.194542	0.527106	1.89755	0.576826	1.38214	1.38214	0.554756	1.68735	1.68735	0.204306	2.22416	2.22416	0.847607	0.891537	-1.12166	0.702354	1.35019	1.35019	0.687442	0.477249	-1.12604	0.687442	0.598625	7.7436	1
cg14400079	ATG4B;THAP4;ATG4B	0.706688	0.357926	1.98293	1.98293	0.642773	1.40246	1.40246	0.645405	0.714972	-1.39866	0.848128	1.14893	1.14893	0.40288	0.538013	-1.85869	0.795794	0.828785	-1.20659	0.698922	0.754703	-1.32503	0.991367	0.992197	-1.00786	0.10333	0.275239	-3.63321	0.687417	5.70856	7.38165	1
cg18515762	HUBP	0.706707	0.539977	1.07397	0.653462	1.11622	1.11622	0.803674	1.24455	1.0609	1.0609	0.768892	0.700332	-1.42851	0.583183	1.07434	1.07434	0.559373	0.872216	-1.1997	0.918354	1.02053	1.02053	0.768833	1.00534	1.00534	0.68374	0.844479	0.844479	0.687411	1.08554	1.44906	1
cg11777179	CHURC1;CHURC1	0.706722	0.28183	3.47007	3.47007	?	?	?	?	0.768402	0.642298	-1.55691	0.573683	2.35133	2.35133	0.657822	1.92009	0.913131	1.48647	1.48647	?	?	?	0.178503	0.83132	0.83132	0.761756	1.56104	1.56104	0.6524	17.1824	22.5748	1
cg20263510	SORCS2	0.706747	0.978771	1.01785	1.01785	0.984534	1.01298	1.01298	0.784064	0.83302	-1.20045	0.815279	1.16842	1.16842	0.96066	0.967725	-1.03335	0.476255	1.61894	1.61894	0.24976	2.22559	2.22559	0.119199	0.32475	-3.07929	0.590182	1.43567	1.43567	0.687333	4.81569	6.22785	1
cg22034432	CTBS	0.706797	0.359973	1.39348	1.39348	0.682707	1.07219	1.07219	0.150776	4.7949	4.7949	0.472919	2.10243	2.10243	0.781502	1.32716	1.32716	0.803145	1.2895	1.2895	0.579761	1.77212	1.77212	0.794502	1.30437	1.30437	0.464049	1.19059	1.19059	0.687369	1.12794	1.54383	1
cg11657323	CCDC88B	0.706772	0.408395	0.459153	-2.17792	0.583442	1.6649	1.6649	0.5555	1.73134	1.73134	0.594394	0.609742	-1.64004	0.180811	0.270367	-3.69867	0.625512	0.635868	-1.57265	0.371361	0.429599	-2.32775	0.252101	0.332449	-3.00798	0.572566	0.591634	-1.69203	0.687298	9.223343	11.9288	1
cg04184208	C14orf132	0.706778	0.774917	1.11599	1.11599	0.829392	0.969742	-1.03153	0.636878	1.05181	1.05181	0.775077	0.934885	1.07005	0.744758	1.08709	1.08709	0.634223	1.58506	1.58506	0.345143	1.40223	1.40223	0.704256	1.14586	1.14586	0.872714	1.24264	1.24264	0.664595	1.827711	2.408644	1
cg22237200	ATP1B2	0.706792	0.573717	1.49184	1.49184	0.55728	1.51843	1.51843	0.726465	1.28037	1.28037	0.761864	0.807452	-1.23846	?	?	?	0.268243	0.444201	-2.25123	0.554671	1.52274	1.52274	0.224567	0.407505	-2.45396	0.516201	0.629257	-1.58918	0.671574	4.68163	6.97114	1
cg25299124	TST3	0.706793	0.74456	1.13448	1.13448	0.682707	1.07219	1.07219	0.150776	4.7949	4.7949	0.472919	2.10243	2.10243	0.781502	1.32716	1.32716	0.803145	1.2895	1.2895	0.579761	1.77212	1.77212	0.794502	1.30437	1.30437	0.464049	1.19059	1.19059	0.687369	1.12794	1.54383	1
cg26370011	KLF13	0.706797	0.58955	1.46066	1.46066	0.759828	0.713805	1.21805	0.261081	0.442088	-2.26199	0.848765	0.845101	1.15417	0.166546	0.797863	-1.25335	0.867799	1.04741	1.04741	0.559331	1.17694	1.17694	0.311681	0.74915	-1.33485	0.633799	1.1416	1.1416	0.687243	0.828803	1.07198	1
cg27440200	PRR24	0.706819	0.260603	1.67005	1.67005	0.598804	0.744154	-1.34384	0.097973	1.10854	1.10854	0.114546	0.563936	-1.77353	0.788866	0.894727	-1.1835	0.455604	0.70776	-1.41305	0.637496	0.894727	-1.1835	0.708966	1.14472	1.14472	0.873727	1.07362	0.661513	1.1587	1.1587	0.687237	1.21663	1.57362	1
cg00704316	UNC5C	0.706828	0.742965	1.84516	1.18181	0.409503	0.651694	-1.53446	0.372819	1.59112	1.59112	0.309511	1.70548	1.70548	0.915924	0.947806	1.05507	1.44607	1.65957	1.65957	0.547931	1.5272	1.5272	0.236012	1.37452	1.37452	0.687988	1.32464	1.32464	0.687262	5.279	6.82774	1
cg25381659	ATXN7;ATXN7	0.706838	0.35652	0.746409	-1.33915	0.303525	1.20564	1.20564	0.676344	1.07589	1.07589	0.627931	1.08948	1.08948	0.655417	1.02421	1.02421	0.866799	1.08098	1.08098	0.654141	1.08201	1.08201	0.924207	1.08201	1.08201	0.922952	1.13242	1.13242	0.687234	0.829706	1.05144	1
cg23941434	JAKMIP2;JAKMIP2	0.706839	0.671325	0.880187	-1.13615	0.320972	0.751982	-1.33073	0.466987	1.24752	1.24752	0.865909	0.878277	-1.13859	0.613648	0.810217	-1.615	0.849357	1.05846	1.05846	0.328888	0.740562	-1.35124	0.742357	0.906137	-1.10359	0.664824	1.13911	1.13911	0.687203	0.971638	1.12568	1
cg18419164	LOC285205	0.706868	0.417593	0.540983	-1.84849	0.119345	0.285492	-3.50272	0.155871	0.324314	-3.08343	0.690512	0.743177	-1.34557	0.602938	0.677584	-1.47583	0.483545	0.58974	-1.69566	0.351864	0.491368	-2.03514	0.403244	0.530268	-1.88584	0.890044	0.902498	-1.10804	0.687162	0.59825	7.7436	1
cg19090549	LPAR3	0.70869	0.845317	1.07288	1.07288	0.693972	0.737977	-1.35413	0.263533	0.910014	0.98595	0.729066	0.884326	-1.13116	0.603938	0.852024	1.08524	0.628315	1.66024	1.66024	0.15496	0.602111	1.66057	1.66057	0.615904	1.62377	1.62377	0.615904	1.64894	1.64894	0.687163	1.17708	0.81667	0.902771	0.684967	1.73722	1
cg16569430	TMEM64;TMEM64	0.706873	0.437534	0.838589	-1.19248	0.82102	1.05166	1.05166	0.145287	1.4157	1.4157	0.331069	0.800181	-1.24972	0.369328	0.814698	-1.22745	0.699592	0.917423	-1.09001	0.818725	0.950253	-1.05235	0.759829	1.07053	1.07053	0.778156	0.939115	-1.06479	0.687155	0.537708	0.695568	1
cg18665943	PIR62;NOSIP	0.706878	0.852458	1.06579	1.04534	0.445356	1.17547	1.17547	0.21688	1.36685	1.36685	0.522347	1.14361	1.14361	0.844339	0.959888	-1.04179	0.633255	0.905301	-1.1046	0.948397	1.02985	1.02985	0.971486	1.22267	1.229137	1.29063	1.29063	0.687145	0.49614	0.602898	1
cg21080473	DDC;DDC	0.706888	0.871486	0.885833	-1.12888	0.222284	1.70563	1.70563	0.783026	1.12177	1.12177	0.372854	0.683293	-1.4635	0.280499	0.626898	1.59516	0.481492	0.742424	-1.34694	0.555136	1.28205	1.28205	0.725652	1.55796	1.15796	0.526444	0.765582	1.3062	0.687134	1.88581	2.43951	1
cg04970438	TAF3	0.706896	0.99991	0.317495	-1.22325	0.267397	0.39984	2.501	0.486404	0.570571	-1.75263	0.803615	1.21858	1.21858	0.287579	0.416426	-2.40139	0.989697	1.0101	1.0101	0.950797	1.05018	1.05018	0.181577	1.0807	1.0807	0.745093	1.29541	1.29541	0.687123	6.85048	8.86205	1
cg18996808	INF2;INF2	0.706905	0.249342	1.45297	1.45297	0.688911	1.15137	1.15137	0.663417	1.14555	1.14555	0.873115	1.32211	1.32211	0.756102	1.11544	1.11544	0.151732	1.16354	1.16354	0.859586	1.27212	1.27212	0.786055	1.12186	1.12186	0.53914	1.33989	1.33989	0.687108	0.04787	1.3556	1
cg25783997	ZNF804A	0.706908	0.482388	0.858427	-1.12889	0.334996	1.18392	1.18392	0.480846	0.885436	-1.12939	0.463174	1.13519	1.13519	0.984587	1.00329	1.00329	0.799205	1.04423	1.04423	0.222319	1.24396	1.24396	0.996779	1.00069	1.00069	0.336018	0.844975	-1.18347	0.687105	0.313768	0.405913	1
cg22513857	OCA2	0.706923	0.817416	1.15732	1.15732	0.863158	1.08254	1.08254	0.42382	1.21382	1.21382	0.663447	0.931602	-1.58328	0.382482	0.725028	1.38007	0.716958	0.880573	1.13582	0.257106	0.826089	-1.21053	0.881852	0.642804	-1.55568	0.737345	0.707007	1.41407	0.687098	0.705438	0.852955	1
cg03372071	SPAG16;SPAG16	0.70694	0.828104	1.08787	1.08787	0.0960917	0.492729	-2.02952	0.330449	0.677767	-1.47543	0.908776	1.04539	1.04539	0.647474	0.836677	1.1952	0.718619	0.86924	-1.15043	0.496343	1.3067	1.3067	0.805283	1.10039	1.10039	0.692643	1.16634	1.16634	0.687061	1.63231	2.11181	1
cg10290928	TMEM217;TMEM217;TBC1D22B	0.706943	0.635092	1.26999	1.26999	0.148011	2.17245	2.17245	0.855054	1.09573	1.09573	0.975288	0.984633	-1.01561	0.195	1.98437	1.98437	0.959557	1.00254	1.00254	0.352907	0.620092	-1.61266	0.85849	1.09333	1.09333	0.547769	1.35541	1.35541	0.687056	2.71972	3.51868	1
cg22331096	MYC	0.706945	0.454382	1.10455	1.10455	0.472	0.747042	-1.33902	0.17402	1.17302	1.17302	0.829762	1.49674	1.49674	0.127502	1.44606	1.44606	0.381452	1.01961	1.01961	0.978441	1.42758	1.42758	0.703038	1.44757	1.44757	0.690318	1.42684	1.42684	0.687027	1.36427	1.41652	1
cg15775835	DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2	0.706963	0.821773	0.878726	-1.13801	0.612218	1.34144	1.34144	0.211285	2.12681	2.12681	0.375442	0.593791	-1.68409	0.918074	0.942749	-1.06073	0.70361	1.24487	1.24487	0.346798	1.74215	1.74215	0.202963	2.15999	2.15999	0.623349	1.32794	1.32794	0.687027	3.57251	4.62218	1
cg14156148	WASH3P	0.707001	0.656829	0.857329	-1.16641	0.540194	0.807777	-1.23797	0.166998	1.66056	1.66056	0.934892	0.972266	-1.02853	0.515005	0.79471	-1.25832	0.197833	0.625901	1.5977	0.896053	1.04602	1.04602	0.67442	0.864636	-1.15656	0.727555	1.12805	1.12805	0.687024	1.28935	1.66831	1
cg21636228	ZNF442	0.707003	0.721785	1.07159	1.07159	0.140705	1.35859	1.35859	0.608123	1.10519	1.10519	0.502938	1.14051	1.14051	0.406018	0.848405	-1.17868	0.460299	0.864696	-1.15648	0.713879	0.931261	-1.07381	0.503627	1.14026	1.14026	0.592656	1.11008	1.11008	0.686972	0.406906	0.526506	1
cg20537903	ZCCHC5	0.707006	0.521033	1.14981	1.14981	0.44865	0.691777	-1.44577	0.227	0.815573	-1.22627	0.245673	0.794475	-1.33427	0.763036	0.941307	-1.06237	0.647425	0.748885	-1.3353	0.514054	0.749197	-1.33427	0.763036	0.941307	-1.06237	0.748885	-1.3353	0.514054	0.749197	-1.33427	0.763036	0.941307	-1.06064	0.818181	1.14133	0.876477	1.14133	0.687017	0.57016	0.74
cg20019019	GPR85;GPR85;GPR85;GPR85	0.707007	0.246729	0.627246	-1.59427	0.795305	0.904737	-1.10529	0.52724	0.781401	-1.27975	0.236179	0.620031	-1.61282	0.537772	0.786432	-1.27157	0.915998	1.04146	1.04146	0.8051	1.09988	1.09988	0.289816	1.52662	1.52662	0.59252	1.23124	1.23124	0.686966	1.61326	2.08745	1
cg20800022	GDF6	0.707008	0.602563	1.09144	1.09144	0.663935	0.868669	-1.15144	0.324755	1.09936	1.09936	0.767812	0.910333	-1.09847	0.550024	1.09936	1.09936	0.774746	1.03183	-1.03183	0.974196	1.02591	1.02591	0.974196	1.04125	1.04125	0.937955	1.14264	1.14264	0.686963	0.963653	1.11983	1
cg09699787	PXDN	0.70702	0.670011	0.733113	-1.36405	0.109806	0.28295	-3.53419	0.122434	0.297508	-3.36126	0.432935	0.560135	-1.78528	0.684785	0.744099	-1.34391	0.748474	0.792152	-1.26238	0.93819	1.05778	1.05778	0.626021	1.7006583	-1.42718	0.637985	0.709466	-1.40951	0.686947	0.76081	7.38444	1
cg03195732	KDM4B	0.707047	0.273743	0.764607	-1.30786	0.460582	1.19367	1.19367	0.776861	0.935235	-1.06925	0.990025	0.997058	-1.00295	0.911748	1.02647	1.02647	0.655009	0.899444	-1.1118	0.152097	1.43554	1.43554	0.432287	0.827907	-1.20787	0.786408	1.0662	1.0662	0.686909	0.604125	0.781764	1
cg00139317	PCYT1B;PCYT1B;PCYT1B	0.707048	0.242834	0.615004	-1.62587	0.664932	0.766424	-1.30466	0.336644	0.628119	0.590004	0.94793	0.936315	0.85185	0.675529	0.60718	1.66255	0.778383	0.845257	1.18325	0.73478	0.796936	1.25484	0.784676	0.724925	-1.37942	0.74782	0.686907	0.726379	0.331827	0.331827	1
cg15541193	GSDMD	0.70706	0.490325	0.653365	-1.53054	0.134853	2.66231	2.66231	0.516143	1.48878	1.48878	0.290621	1.94678	1.94678	0.290621	1.94678	1.94678	0.934829	1.05093	1.05093	0.539673	0.685794	-1.45816	0.948627	1.03992	1.03992	0.899745	1.07957	1.07957	0.686891	0.401414	0.519461	1
cg07160748	AP2A2	0.707073	0.42	0.78974	-1.26628	0.719153	1.1886	1.1886	0.555826	1.51826	1.51826	0.379934	1.67173	1.67173	0.379934	1.67173	1.67173	0.596813	1.15604	1.15604	0.398288	0.865319	-1.15604	0.865319	0.64717	1.54496	1.54496	0.64717	1.54496	1.54496	0.64717	1.54496	1.54496	0.64717	1.54496	1.54496	0.64717	1.54496	1.54496	0.687013	-1.77538	0.70416	2.01047	0.687253	1.20047	1.66258	1
cg02859532	AKT1S1;TBC1D17;AKT1S1;TBC1D17;AKT	0.707076	0.503067	0.765837	-1.30576	0.592806	1.2354	1.2354	0.653513	1.19357	1.19357	0.110449	0.505561	-1.978	0.977719	1.011

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg04015836	SNX29	0.707545	0.193331	0.556049	-1.7984	0.814177	1.1056	1.1056	0.561578	0.778599	-1.28436	0.69122	0.843475	-1.18557	0.136553	0.504658	-1.98154	0.940188	0.968511	-1.03251	0.985093	1.00752	1.00752	0.413393	0.69898	-1.43066	0.265785	0.60992	-1.63956	0.686204	1.97573	2.5593	1
cg13500879	NFAM2	0.707557	0.959122	0.976575	-1.02399	0.609358	1.26914	1.26914	0.225158	0.554805	-1.80244	0.896841	1.06182	1.06182	0.344836	0.637648	1.56826	0.975271	0.985768	-1.01444	0.953716	1.02721	1.02721	0.128562	0.467823	-1.23756	0.461935	0.707275	-1.41388	0.686187	2.12428	3.01088	1
cg21941105	TYK2	0.707565	0.662837	0.867767	-1.15238	0.491399	0.797761	-1.25351	0.821799	0.929663	-1.07566	0.46059	1.2749	1.2749	0.578432	0.83404	-1.19898	0.795129	0.919316	-1.08777	0.107295	0.566489	-1.76526	0.392692	1.32722	1.32722	0.91909	0.967685	-1.03339	0.686175	1.13587	1.47144	1
cg08274876	FAM110B	0.707571	0.835341	1.14047	1.14047	0.094526	1.19181	1.19181	0.186417	2.42191	2.42191	0.579162	1.42445	1.42445	0.542385	1.47629	1.47629	0.584857	1.41677	1.41677	0.422922	1.67683	1.67683	0.318601	1.91735	1.91735	0.756454	1.21688	1.21688	0.661167	4.3339	5.61412	1
cg09000784	RAB3GAP2	0.707584	0.570542	0.820108	-1.21935	0.586827	1.20904	1.20904	0.437981	1.31481	1.31481	0.910105	1.03985	1.03985	0.562062	0.798323	-1.25263	0.259779	0.665861	-1.50182	0.482491	0.781192	-1.28009	0.787513	1.10246	1.10246	0.183613	0.613826	-1.62913	0.686149	1.30055	1.68483	1
cg26138195	SLC16A14	0.70761	0.69001	0.934678	-1.09128	0.887818	0.969089	-1.03119	0.953344	1.01304	1.01304	0.489642	0.854456	-1.16897	0.315999	0.794041	-1.25938	0.624326	0.896215	-1.11605	0.696859	0.916397	-1.09099	0.965889	1.22956	1.22956	0.161507	1.39458	1.39458	0.686097	0.537723	0.69666	1
cg09734162	RAB11FIP3;RAB11FIP3	0.70763	0.402231	0.678567	-1.47369	0.530021	1.33343	1.33343	0.857076	0.921692	-1.08496	0.588234	1.2805	1.2805	0.090816	0.403551	-2.3226	0.845805	0.915698	-1.09206	0.887262	0.937851	-1.06627	0.688692	1.19981	1.19981	0.56686	0.769635	-1.29932	0.686084	2.2232	2.88037	1
cg15845333	HS01788;SLC39A7;SLC39A7	0.707608	0.939803	-1.06746	0.343159	1.12025	1.12025	1.2807	0.307029	1.14905	1.14905	0.407598	0.980617	-1.23937	0.760804	0.925931	-1.08029	0.567645	1.1576	1.1576	0.166066	1.45291	1.45291	0.749985	1.07009	1.07009	0.427656	0.814512	-1.22773	0.686082	0.697396	0.903548	1
cg07224918	ARHGEF10;ARHGEF10L	0.707624	0.829428	0.872651	-1.14593	0.249528	2.08244	2.08244	0.223413	2.18488	2.18488	0.173487	1.56172	1.56172	0.290727	0.490051	-2.0406	0.475333	0.624457	-1.55652	0.803604	0.859094	-1.16402	0.809886	1.15824	1.15824	0.81071	0.863941	-1.15749	0.68607	4.03683	5.23021	1
cg01500026	MTMR1	0.707645	0.0945936	0.148147	-6.75004	0.921587	1.10774	1.10774	0.821182	0.790349	-1.26526	0.408674	2.40671	2.40671	0.513982	0.502657	-1.98943	0.374082	0.38743	-2.58111	0.513884	0.502574	-1.98976	0.989935	1.0132	1.0132	0.737948	0.705413	-1.41761	0.686063	11.7361	15.2057	1
cg02099455	SRI	0.707651	0.840881	1.0634	-1.0379	0.284607	1.10264	1.10264	0.19525	0.913887	0.980182	-1.02022	0.498307	0.880547	-1.13557	0.532852	0.758894	0.939754	1.0632	-1.06419	0.238689	1.59917	1.59917	0.644724	1.11566	1.11566	0.875341	1.02953	1.02953	0.686056	0.372077	0.483282	1
cg08255543	IRX6	0.707652	0.849806	1.03676	1.03676	0.705112	1.57608	1.57608	0.065163	1.48324	1.48324	0.873775	1.03074	1.03074	0.590912	1.10885	1.10885	0.524527	0.993841	-1.00601	0.593	1.10819	1.10819	0.38139	1.21697	1.21697	0.840221	0.962245	-1.03924	0.686053	0.39394	0.510411	1
cg05931792	NR4A3;NR4A3;NR4A3	0.707657	0.688047	1.33814	1.33814	0.0202071	3.81361	3.81361	0.484422	1.66994	1.66994	0.462418	1.856	1.856	0.593079	0.653812	-1.53115	0.624923	1.4701	1.4701	0.962013	1.32162	1.32162	0.371674	1.93856	1.93856	0.407428	1.8433	1.8433	0.686035	5.65882	7.33287	1
cg26316373	SAMD14	0.707683	0.33088	0.754689	-1.32505	0.401216	0.782799	-1.27747	0.615886	0.665746	-1.15507	0.664565	0.01274	0.01274	0.101754	0.66011	-1.6662	0.469747	0.810908	-1.23319	0.919075	0.971452	-1.02939	0.23862	0.703447	-1.42157	0.917947	1.0298	1.0298	0.686009	0.88251	1.1435	1
cg05100560	KRTAP4-8	0.707692	0.441175	0.628591	-1.59086	0.657293	0.768022	-1.30205	0.898781	0.931176	-1.07354	0.330034	0.5984	0.5984	0.558486	-1.79055	0.948026	0.962168	-1.03954	0.733402	0.788756	1.33814	1.33814	0.741253	1.48248	1.48248	0.324665	0.54814	-1.82435	0.685996	3.79628	4.91909	1
cg05578679	CHST12	0.707705	0.717349	0.831753	-1.20238	0.625025	0.802052	-1.2468	0.291672	0.574439	-1.74095	0.530928	0.719229	-1.39057	0.761186	0.858427	-1.16504	0.522857	0.702826	-1.42295	0.710884	0.935245	-1.0695	0.722076	1.1747	1.1747	0.133516	2.2287	2.27072	0.479311	1.604597	-1.43968	0.695978	2.7896	3.61497	1
cg20143528	ARHGEF10;ARHGEF10L	0.707718	0.976235	0.993133	-1.00691	0.219384	0.741728	-1.3482	0.894285	1.03123	1.03123	0.961762	1.01115	1.01115	0.218871	1.3487	1.3487	0.321827	1.26714	1.26714	0.370277	1.23718	1.23718	0.99578	1.00122	1.00122	0.717299	0.919327	-1.08775	0.68596	0.581364	0.75335	1
cg04742605	SHANK2;SHANK2	0.707728	0.541016	0.838678	-1.19235	0.956623	1.01558	1.01558	0.728655	1.37746	1.37746	0.99179	0.990732	-1.00221	0.760961	1.09062	1.09062	0.412	1.26931	1.26931	0.290275	1.48342	1.48342	0.79596	1.07645	1.07645	0.316387	0.744917	-1.34243	0.685945	0.878071	1.13786	1
cg03442626	RNF152	0.707734	0.502408	0.8895	-1.1243	0.705676	0.745429	-1.28795	0.241179	0.809329	-1.23559	0.950896	0.989462	-1.01065	0.551636	0.902673	-1.10782	0.488597	1.12866	1.12866	0.294226	0.829322	-1.2056	0.963377	0.992133	-1.00793	0.466637	0.880354	-1.13591	0.685937	0.521478	0.645095	1
cg23503796	NDUFA7;RPS28	0.707735	0.943077	1.02158	1.02158	0.653614	1.14558	1.14558	0.422108	1.27787	1.27787	0.86678	0.950138	-1.05148	0.345571	0.747919	-1.33704	0.363942	0.756565	-1.32176	0.393856	0.77017	-1.29842	0.29383	1.38484	1.38484	0.467113	1.24764	1.24764	0.685935	0.971267	1.25865	1
cg15877192	UBE2H;UBE2H	0.70774	0.420474	0.731663	-1.36729	0.947702	0.926308	-1.0791	0.588152	0.812205	-1.23122	0.662174	0.752199	-1.32944	0.392064	0.758804	-1.31774	0.669731	0.861853	-1.16029	0.238689	1.59917	1.59917	0.644724	1.11566	1.11566	0.875341	1.02953	1.02953	0.686056	0.372077	0.483282	1
cg13887532	BAI1	0.707745	0.778914	0.926166	-1.07972	0.78964	0.929721	-1.07559	0.772248	0.923955	-1.0823	0.693944	0.941205	-1.06247	0.423897	1.13305	1.13305	0.696449	1.11276	1.11276	0.863367	1.76666	1.76666	0.778373	0.925986	-1.07993	0.752121	0.917269	-1.09019	0.68592	0.806868	1.04563	1
cg08183931	PCGF3	0.707755	0.41445	1.73445	1.73445	0.0599095	4.63034	4.63034	0.0623	3.15218	3.15218	0.859719	1.12387	1.12387	0.334035	1.79784	1.79784	0.497131	1.52929	1.52929	0.355113	2.42486	2.42486	0.447877	1.14537	1.14537	0.523333	1.55586	1.55586	0.685995	4.7373	6.13461	1
cg08974656	CIAO1;TMEM127	0.707763	0.528281	0.839119	-1.19173	0.578956	1.16635	1.16635	0.862568	0.953546	-1.04872	0.919886	1.028	1.028	0.61223	0.869071	1.15065	0.744324	0.914077	-1.094	0.67939	1.12086	1.12086	0.092265	1.66315	1.66315	0.486517	0.823575	-1.21422	0.685896	0.818703	1.061	1
cg08573313	CASD1;CASD1	0.707793	0.941266	1.01143	1.01143	0.179119	1.24623	1.24623	0.830651	1.03359	1.03359	0.681151	0.938263	-1.0658	0.919357	1.17192	1.17192	0.933008	0.987116	-1.01305	0.431663	1.88356	1.88356	0.119485	1.39911	1.39911	0.139441	1.39937	1.39937	0.686026	1.15845	1.50189	1
cg18648570	MCF2L;MCF2L	0.707819	0.795586	0.917353	-1.30218	0.625025	1.91148	1.91148	0.266762	1.57496	1.26637	0.76435	1.26637	1.26637	0.144295	1.59558	1.59558	0.742447	1.20562	1.20562	0.316904	1.58482	1.58482	0.316904	1.58482	1.58482	0.316904	1.58482	1.58482	0.686016	3.90653	5.06327	1
cg11240493	RHOBTB3	0.707842	0.735342	0.927452	-1.07822	0.157586	0.715011	-1.39858	0.330618	1.24963	1.24963	0.664819	0.907765	-1.10161	0.752916	0.932297	-1.07262	0.814019	1.0537	1.0537	0.387235	1.21743	1.21743	0.464826	0.847779	-1.17955	0.58648	0.885216	-1.12967	0.685784	0.535221	0.693735	1
cg04403556	TWIST2	0.707881	0.22313	0.417029	-2.39703	0.748924	1.98281	1.98281	0.488414	0.706243	-1.41594	0.509839	0.606462	-1.49058	0.404809	0.724826	-1.38009	0.353594	0.472807	-2.11503	0.220868	0.644364	-1.55154	0.553318	0.663741	-1.50661	0.668729	0.50686	-1.97359	0.686077	0.744917	-1.34243	1
cg06560760	ARMC3	0.707887	7	7	0.470044	2.06454	2.06454	0.868485	0.886298	0.615032	0.093578	0.644902	0.644902	0.224121	1.58534	1.58534	1.58534	0.565786	0.771188	0.771188	0.962783	1.04698	1.04698	0.560533	0.777389	0.777389	0.183295	2.7729	2.7729	0.669576	0.931	1.1671	1
cg04546691	RDBD2	0.707888	0.769672	0.910489	-1.09831	0.578068	1.19656	1.19656	0.553467	1.211	1.211	0.797303	0.921086	-1.08568	0.999568	0.999827	-1.00017	0.36076	0.740767	-1.34995	0.102434	1.76966	1.76966	0.564565	0.830274	-1.20442	0.926227	0.970871	1.03	0.685719	1.1078	1.43602	1
cg19775226	ACO1	0.707909	0.655753	1.07081	-1.16397	0.710189	1.14308	1.14308	0.79228	1.07328	0.977162	1.00973	1.00973	0.821	1.07173	1.07173	1.07173	0.356743	1.13816	1.13816	0.524006	0.893734	0.893734	0.89335	1.0047	1.0047	0.861833	1.06072	1.06072	0.685693	0.74954	1.01407	1
cg26872706	ZNF443	0.707919	0.57061	1.09162	1.09162	0.58937	1.08692	1.08692	0.29627	0.847353	-1.18015	0.69344	0.941205	-1.06247	0.423897	1.13305	1.13305	0.267303	1.19333	1.19333	0.9315	1.01324	1.01324	0.350451	0.865682	-1.15516	0.495426	1.11168	1.11168	0.685674	0.254031	0.329318	1
cg04679072	SP110;SP110;SP110	0.707926	0.217866	0.380953	-2.61406	0.420463	2.37833	2.37833	0.164526	2.34329	2.03707	0.725128	1.98117	1.98117	0.332588	0.572237	-1.74726	0.35006	0.381158	2.60282	0.152776	0.261364	3.82608	0.858995	1.460012	-2.17386	0.417736	0.42621	2.34626	0.686014	0.473973	0.61461	1
cg10347199	DLG4;ACADVL;ACADVL	0.707921	0.365552	1.786	1.786	7	0.0000001	0.297025	1.96487	1.96487	0.474541	1.57299	1.57299	0.440488	1.63262	1.63262	1.63262	0.856642	1.11892	1.11892	0.662275	0.760861	-1.3143	0.545102	0.683054	-1.46401	0.233103	1.08678	2.18678	0.669526	3.56145	4.65444	1
cg19548738	FAM115A	0.707937	0.810443	1.09052	1.09052	0.546995	0.802677	-1.24583	0.0653956	2.10832	2.10832	0.858321	0.937591	-1.06656	0.710285	1.14404	1.14404	0.882089	0.947082	-1.05498	0.7864	0.906687	-1.10292	0.890305	0.951452	-1.05103	0.509505	1.27291	1.27291	0.685665	1.41236	1.83101	1
cg21234082	DAB2IP	0.707938	0.439306	0.709948	-1.40896	0.350547	0.73739	-1.35697	0.0136027	0.52644	0.52644	0.0207976	0.184743	0.184743	0.0194842	0.337253	0.337253	0.191764	0.611354	0.611354	0.0207756	0.69184	0.69184	0.0207756	0.69184	0.69184	0.0207756	0.69184	0.69184	0.685652	0.632424	0.817833	0.779397	1
cg13910973	CHRNA1;CHRNA1	0.707953	0.358932	1.28392	1.28392	0.955548	0.98534	-1.01488	0.195668	1.437	1.437	0.457682	0.818432	-1.22185	0.99746	1.00084	1.00084	0.443762	1.22981	1.22981	0.485866	0.828942	-1.20636	0.631985	1.13637	1.13637	0.317807	1.31464	1.31464	0.685626	0.762168	0.988123	1
cg26612849	ZNF829;ZNF658;ZNF568	0.707954	0.976668	0.990499	1.00966	0.534726	1.12796	1.12796	0.945035	1.0216	1.0216	0.61564	1.18266	1.18266	0.36377	1.05773	1.05773	0.202312	1.55254	1.55254	0.0615	2.72349	2.72349	0.138514	1.83727	1.83727	0.0615	2.72349	2.72349	0.685626	1.15845	1.50189	1
cg12107692	IRF3;BLC1L2;BC1L2L12	0.707955	0.42606	0.853467	-1.17169	0.247323	1.26953	1.26593	0.444701	1.16404	1.16404	0.703494	0.931374	0.931374	0.101634	0.10634	0.10634	0.74609	0.937307	-1.06689	0.0615	2.72349	2.72349	0.138514	1.83727	1.83727	0.0615	2.72349	2.72349	0.685653	0.612422	0.795204	1
cg04317573	ZNF808	0.707955	0.939643	0.964399	-1.03691	0.331626	0.619108	-1.61523	0.217485	0.537369	-1.86092	0.766541	1.15318	1.15318	0.334251	0.620819	-1.61078	0.366671	0.641509	-1.55882	0.326745	1.62361	1.62361	0.908409	0.9464	-1.05664	0.601191	0.776895	-1.28718	0.685624	2.48819	3.22586	1
cg02721751	SLC4A4	0.707956	0.350853	1.09044	1.09044	0.829573	1.16881	1.16881	0.308208	0.93736	-1.07211	0.182254	0.44062	-2.26949	0.37232	0.588459	-1.69935	0.301246	0.537906	-1.85906	0.2016	2.25405	2.25405	0.421864	2.37043	2.37043	0.184328	2.96274	2.96274	0.685667	0.163841	0.47316	1
cg24044288	TRIM37;TRIM67;TRIM37;TRIM67	0.707971	0.504114	1.6613	1.6613	0.965543	0.9287	-1.03287	0.39329	1.90813	1.90813	0.50105	1.66756	1.66756	0.84442	1.15849	1.15849	0.892057	1.16067	1.16067	0.284993	2.2969	2.2969	0.491314	1.68778	1.68778	0.071345	4.51848	4.51848	0.685601	0.68798	0.78931	1
cg07518265	DAAM1	0.707992	0.8466	1.07707	1.07707	0.452399	1.14146	1.14146	0.0615	2.72349	2.72349	0.138514	1.83727	1.83727	0.307856	1.6639	1.6639	0.544938	1.35721	1.35721	0.888465	0.943137	1.11706	1.11706	0.183798	1.85215	1.85215	0.488843	1.13303	1.13303	0.685572	0.744543	0.96053	0.506327	1
cg11593111	PURA	0.707995	0.606282	1.42219	1.42219	0.40204	0.559329	-1.78786	0.637695	1.37898	1.37898	0.185662	0.386455	-2.58762	0.751014	0.806013	-1.24068	0.796163	1.19169	1.19169	0.455248	1.67403	1.67403	0.397337	1.7988	1.7988	0.454173	1.67616	1.67616	0.685568	4.98317	6.46105	1
cg02731751	OLIG2	0.708004	0.945347	0.977007	-1.0227	0.915124	0.965574	-1.03565	0.615196	0.967194	-1.03392	0.734213	0.894067	-1.11848	0.629096	0.852218	-1.17341	0.270816	0.472807	-2.11503	0.220868	0.644364	-1.55154	0.553318	0.663741	-1.50661	0.668729	0.50686	0.6579	0.686057	0.744917	-1.34243	1
cg03134632	SPTBN4;SPTBN4	0.708008	0.251516	0.63473	-1.57599	0.293262	1.65186	1.65186	0.508316	0.710743	0.710743	0.183813	0.22156	0.22156	0.0040002	0.05074	0.05074	0.619121	1.22825	1.22825	0.92705	1.44224	1.44224	1.83841	1.83841	0.300297	1.55324	1.55324	0.685547	1.8274	2.36943	1
cg05140806	SIM1	0.708014	0.201648	0.652709	-1.53208	0.64036	0.861673	-1.16053	0.314724	0.719681	-1.3895	0.178459	0.636146	-1.57196	0.456147	0.786517	-1.27143	0.407262	0.764735	-1.30764	0.776892	0.914031	-1.09405	0.244046	0.680021	-1.47054	0.291441	0.707255	-1.41392	0.68554	1.08696	1.40938	1
cg03554089	HS7	0.708022	0.864544	1.09033	1.09033	0.676404	1.18204	1.18204	0.692661	0.817606	-1.22388	0.216569	0.753746	-1.32625	0.304774	0.474086	-2.11006	0.612544	1.25955	1.25955	0.404719	2.47486	2.47486	0.944784	1.04074	1.04074	0.963066	1.01835	1.01835	0.685505	1.00859	1.00859	0.678629	1.00859	1.00859	0.685629	0.6125	1
cg18998810	DUSP9;DUSP9	0.708024	0.163718	0.12544	-7.97193	0.920771	0.870262	-1.14908	0.857947	0.778606	-1.28435	0.255099	5.25729	5.25729	0.583236	0.30157	0.30157	0.357938	0.267008	0.267008	0.74572	0.871545	0.871545	0.797694	-1.25361	0.859837	1.28002	1.28002	0.891238	0.826055	-1.21057	0.685526	21.1821	27.4658	1
cg08180831	NEU4;NEU4;NEU4;NEU4;NEU4	0.708029	0.421865	0.691546	-1.52892	0.0858847	0.3452	-2.89771	0.316071	0.559128	-1.78786	0.986437	0.990517	-1.00957	0.851154	0.90155	-1.10945	0.575078	0.749316	-1.33442	0.765885	0.8629	-1.15929	0.540914	0.78278	-1.27778	0.492744	0.640908	-1.56039	0.684586	1.25714	1.62512	1
cg07535572	CDC7;CDC7;CDC7	0.708036	0.752046	1.14953	1.14953	0.341447	0.649866	-1.53878	0.778801	0.781542	-1.27952	0.45763	1.39451	1.39451	0.140998	0.498515	-2.00596	0.515706	0.749316	-1.33442	0.765885	0.8629	-1.15929	0.540914	0.78278	-1.27778	0.492744	0.640908	-1.56039	0.684586	1.25714	1.62512	1
cg10948630	DICER1;DICER1	0.708048	0.766523	0.750934	-1.33168	0.216604	0.286297	-3.49287	0.208281	0.279109	-3.58283	0.653361	1.54474	1.54474	0.869141	0.853328	-1.17188	0.739925	0.725815	-1.37776	0.803748	1.21844	1.21844	0.332353	2.61092	2.61092	0.549402	1.79085	1.79085	0.685492	10.0463	13.0272	1
cg03778869	SLC41A1	0.708049	0.595641	1.20756	1.20756	0.134005	0.513284	-1.94824	0.505094	1.42294	1.42294	0.300077	1.07456	1.07456	0.744559	0.905687	-1.10405	0.680861	1.4667	1.4667	0.270876	0.518904	0.518904	0.132574	0.905082	0.905082	0.388529	1.10382	1.10382	0.685572	1.49157	0.64644	0.61077	1
cg05088605	LRRC45	0.708064	0.557661	0.68328	-1.46353	0.384424	1.7732	1.7732	0.440855	1.6567	1.6567	0.729296	0.800011	-1.24998	0.146773	0.367789	-2.71895	0.863393	0.80529	-1.11696	0.638734	1.35487	1.35487	0.401946	0.576394	-1.73492	0.801209	0.850407	-1.17591	0.68547	4.47849	5.80752	1
cg18780974	TF	0.708065	0.520616	0.689337	-1.45786	0.904298	0.919736	-1.07211	0.182254	0.44062	-2.26949	0.37232	0.588459	-1.69935	0.301246	0.537906	-1.85906	0.729458	0.8283	-1.20743	0.482491	0.781192	-1.28009	0.787513	1.10246	1.10246	0.183613	0.613826	-1.62913	0.686149	1.30055	1.68483	1
cg07418124	PFKP	0.708089	0.503266	0.883098	-1.13238	0.890104	0.02562	1.02562	0.53393	0.89106	-1.1222	0.760696	0.933155	-1.07163	0.965743	0.999271	1.00789	0.809784	0.9512	-1.04512	0.704115	1.43942	1.43942	0.685959	0.928306	-1.07723	0.920164	0.98182	-1.01852	0.685434	0.363505	0.47152	1
cg24407607	DSE;DSE	0.708114	0.368428	2.29521	2.29521	0.293653	0.375435	-2.66357	0.606738	0.626909	-1.59513	0.440107	0.492585	-2.03011	0.535752	1.75765	1.75765	0.451212	0.501396	-1.99443	0.54739	1.72907	1.72907	0.546117	0.577317	-1.73215	0.34916	0.420303	-2.37924	0.685399	8.77998	11.3867	1
cg07794596	PPT2;PPT2;PPT2	0.708126	0.513931	1.13146	1.13146	0.591346	1.11512	1.11512	0.96967	1.00744	1.00744	0.856857	0.96539	-1.03514	0.902727	0.983161	-1.02366	0.356292	0.831022	-1.20334	0.89344	0.974194	1.02617	-1.02645	0.668382	0.960754	1.04173	1.04173	0.960661	-1.04078	0.248882	1.265	1.265	0.685611	0.643305	0.535767	1
cg15793573	SCARA5	0.708133	0.84467	0.934651	-1.06992	0.762405	0.973111	-1.97331	0.418841	0.752313	-1.32923	0.86544	0.943242	-1.06017	0.871139	0.945604	-1.05752	0.864474	0.942842	-1.06062	0.455009	1.29975	1.29975	0.926344	0.968645	-1.03291	0.842814	1.04787	1.04787	0.685473	1.23847	1.67107	1
cg06634367	RCVRN	0.708135	0.354664	0.69933	-1.42992	0.0853214	0.414109	-2.41539	0.0599178	0.387134	-2.58249	0.0418134	0.13876	0.13876	0.0178745	0.0178745	0.0178745	0.411424	0.495705	0.495705	0.1679	0.167679	0.167679	0.163641	-6.11094	0.163503	0.0483	0.124828	0.124828	0.685399	0.685399	0.685399	0.685399	0.685399	0.685399	0.685399	1
cg24078566	BMPR2;BMPR2	0.70815	0.711317	1.07299	1.07299	0.883553	0.972605	-1.02817	0.520709	0.883923	-1.13132	0.393971	0.847482	-1.17997	0.63477	1.09494	1.09494	0.154528	1.33486	1.33486	0.308049	0.818758	-1.22136	0.64369	0.915505	-1.09229	0.828367	0.959686	-1.04201	0.685348	0.389897	0.505692	1
cg21330960	RTDR1;GNAZ	0.708152	0.448353	0.753904	-1.35887	0.203412	0.586949	-1.70373	0.889168	1.0569	1.0569	0.623192	1.21719	1.21719	0.201926	0.66566	-1.50227	0.598186	0.809718	-1.235	0.398252	0.709453	0.709453	-1.40954	0.861677	1.07167	1.07167	0.363541	1.44861	1.44861	0.685346	1.70972	2.21749	1
cg14555127	SEPT7;SEPT7	0.708165	0.848438	0.95935	-1.04253	0.0597001	1.12524	1.12524	0.0153259	1.08637	1.08637	0.840951	1.03578	1.03578	0.533259	1.08637	1.08637	0.980571	1.00315	1.00315	0.981741	1.00023	1.00023	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353 vs. N)	Fold-Change(353 vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(5 37 vs. N)	Fold-Change(5 37 vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	F(Error
cg16203863	WDR73	0.708765	0.418256	0.693117	0.57204	0.111762	0.57854	2.57854	0.644661	1.28915	1.28915	0.652134	1.28917	1.2817	0.914641	1.06039	1.06039	0.787357	1.15936	1.15936	0.354193	0.593744	1.68423	0.719621	0.821075	-1.21792	0.827311	1.12692	1.12692	0.684479	3.24252	4.21085	1
cg10684802	MAP6;MAP6	0.708774	0.268947	0.746396	-1.33977	0.748981	0.921677	-1.08498	0.845349	1.05086	1.05086	0.886934	1.0368	1.0368	0.904865	1.03103	1.03103	0.321436	0.770867	-1.29724	0.695221	0.905853	-1.10393	0.798465	0.937065	-1.06716	0.140928	1.49528	1.4952	0.288466	0.699658	0.908619	1
cg03098837	DPY19L2P4	0.70879	0.19711	8.33494	8.33494	0.429354	0.293637	-3.40557	0.458597	0.3184	-3.14071	0.444502	3.26405	3.26405	7	7	7	0.589238	2.27506	2.27506	0.703789	1.77572	1.77572	0.863128	1.29976	1.29976	0.773981	1.54069	1.54069	0.658232	19.3876	18.1333	1
cg24490202	CLCC1;CLCC1	0.708778	0.684726	0.927485	-1.07817	0.662281	0.872228	-1.14607	0.911394	1.02074	1.02074	0.884879	1.02707	1.02707	0.541886	1.12059	1.12059	0.829604	0.96106	-1.04067	0.07812569	0.697045	-1.44963	0.587192	1.06038	1.06038	0.650904	0.919436	-1.08762	0.844432	0.368543	0.847636	1
	CHTOP;CLCN6;MTHFR;CLCN6;CLCN6;CL																																
cg12751404	CN6	0.708798	0.206131	0.635339	-1.57396	0.570536	0.822845	-1.2153	0.813416	1.08374	1.08374	0.265	0.673598	-1.48456	0.564692	0.812644	-1.23055	0.392595	1.34702	1.34702	0.364017	0.728126	-1.37339	0.524566	0.803057	-1.24524	0.763875	1.1079	1.1079	0.488432	1.25404	1.62866	1
cg16702235	IQSEC2	0.7088	0.355923	1.48252	1.48252	0.776364	1.12535	1.12535	0.837284	1.08901	1.08901	0.898606	0.948513	-1.05428	0.167211	0.54306	-1.84142	0.476269	1.35031	1.35031	0.253426	1.63979	1.63979	0.918624	0.95851	-1.04329	0.579342	1.26135	1.26135	0.684428	1.86375	2.42051	1
cg15893173	CCNT2;CCNT2	0.70882	0.402939	0.68488	-1.46021	0.702256	1.1312	1.1312	0.114012	3.45573	3.45573	0.34447	2.01844	2.01844	0.591953	0.676881	-1.47734	0.537042	1.5696	1.5696	0.557424	0.651853	-1.53409	0.725076	1.28928	1.28928	0.913628	0.93473	-1.0814	0.684426	5.63878	7.32329	1
cg17377818	SORD;SORD	0.70883	0.514287	1.28864	1.28864	0.553059	0.796456	-1.25871	0.958169	1.02032	1.02032	0.954623	0.978418	1.02206	0.240189	0.624049	-1.60244	0.0918427	0.490845	-2.0373	0.73883	0.897691	-1.11439	0.727147	0.987955	-1.01239	0.721745	0.871873	1.14696	0.684425	1.59366	2.06975	1
cg18645910	PITRM1	0.708822	0.470971	0.717696	-1.39335	0.849223	0.917514	-1.0899	0.209308	0.549598	-1.81951	0.881261	0.934626	-1.06995	0.581802	1.28609	1.28609	0.465398	0.714596	-1.39939	0.119901	0.466181	-2.14509	0.815322	1.11163	1.11163	0.995493	1.00256	1.00256	0.684397	2.21771	2.88034	1
cg03004330	FBN2;FBN2	0.708834	0.950667	0.959555	1.04225	0.959555	0.889736	1.02257	-2.4235	2.4235	0.888095	0.889097	-1.12239	0.889095	0.889097	-1.12239	0.889095	0.778025	1.1455	1.1455	0.41948	0.683485	-1.46309	0.958165	0.988576	1.00582	1.00582	0.684381	2.44023	3.16943	1
cg00636527	GRK6;GRK6;GRK6	0.708842	0.473312	0.676002	-1.47929	0.451274	0.662292	-1.50991	0.723446	1.21015	0.953436	0.969136	-1.03185	0.462955	0.669578	-1.49348	0.564931	0.737121	-1.36664	0.386758	0.621071	-1.61012	0.672343	0.795819	-1.25657	0.149727	2.29136	2.29136	0.68437	3.12401	4.0576	1
cg11540612	PPP3R2;PPP2R2C	0.708873	0.624209	1.44762	1.44762	0.377342	1.91171	1.91171	0.180766	2.69402	2.69402	0.604811	1.45273	1.45273	0.372909	1.92475	1.92475	0.271889	2.26632	2.26632	0.19839	2.64412	2.64412	0.324561	2.07042	2.07042	0.815245	0.845827	-1.18227	0.648329	5.5462	7.20408	1
cg27440834	SNX4	0.708887	0.688643	1.22951	1.22951	0.813209	0.885663	-1.1291	0.647855	0.8091	0.809103	-1.23594	0.986295	1.00885	0.808885	0.120751	0.421825	2.37065	2.37065	0.839477	0.901191	-1.10964	0.344183	1.64841	1.64841	0.680792	1.23638	1.23638	0.334784	0.600349	1.6657	1.6657	0.684305	2.85168	3.70423	1
cg05265257	GUCY1B2	0.708894	0.466033	0.705754	-1.41692	0.151201	0.485515	-2.05967	0.639388	0.801157	-1.24819	0.870203	1.07985	1.07985	0.205102	0.553619	-1.874	0.283516	0.592479	-1.68782	0.891469	0.937838	1.06623	0.440045	0.691136	-1.44689	0.725658	1.17999	1.17999	0.684295	2.39178	3.10688	1
cg06387640	C19orf20	0.708927	0.32672	0.769137	-1.30237	0.467266	0.720596	1.25096	0.757345	1.09813	1.09813	0.386201	0.763988	1.30892	0.382104	1.30892	0.382104	0.614949	0.857854	-1.1657	0.476168	0.803092	-1.24519	0.199626	1.51073	1.51073	0.807883	1.03557	1.03557	0.683418	0.965803	1.09915	1
cg22251017	APLP1;APLP1	0.70896	0.662341	1.2275	1.2275	0.163472	2.00878	2.00878	0.36755	1.54001	1.54001	0.282332	1.68398	1.68398	0.889376	1.06708	1.06708	0.350215	1.56605	1.56605	0.149657	2.05567	2.05567	0.589893	1.28896	1.28896	0.878137	1.0742	1.0742	0.684203	2.35813	3.06359	1
cg15128454	MYST4	0.708973	0.677332	0.808311	-1.2433	0.808311	0.914428	-1.09358	0.737951	0.876961	0.862605	-1.15928	0.963842	1.05632	0.146384	1.27202	1.27202	0.772706	-1.2945	0.772706	-1.2945	0.700959	0.818779	-1.22238	0.103168	2.52856	2.52856	0.775	-1.1887	0.808518	0.95576	1.04605	0.684137	2.93431	3.81223	1
cg18556822	NOSTRIN;NOSTRIN;NOSTRIN	0.708977	0.740634	1.16667	1.16667	0.249844	1.74697	1.74697	0.661637	1.22675	0.842653	1.09661	1.09661	0.627145	1.25503	1.25503	0.399619	1.49203	1.49203	0.659247	2.60503	0.600145	1.37383	1.37383	0.832299	1.10341	1.10341	0.684179	2.33344	3.03161	1
cg22044630	FBXL1	0.708984	0.316724	0.351582	-2.84429	0.601255	1.7032	1.7032	0.651836	1.58205	1.58205	0.872194	0.849937	-1.17656	0.0880604	0.149418	-6.69263	0.608592	0.593563	-1.68474	0.970587	0.963448	-1.03794	0.726356	1.42596	1.42596	0.910438	0.892579	-1.12035	0.684169	11.0515	14.3584	1
cg07982935	CHSTB	0.708984	0.163593	0.330213	-3.02835	0.595692	0.670921	-1.49049	0.448508	0.562345	-1.77827	0.909765	1.08817	1.08817	0.191889	2.79987	2.79987	0.855279	1.14576	1.14576	0.967174	1.03114	0.582144	0.660885	-1.51312	0.973564	0.975606	-1.025	0.684169	6.01844	7.8193	1
cg10142876	AK3L1;AK3L1;AK3L1	0.709008	0.28993	1.47585	1.53788	0.187716	0.630268	1.51663	0.743796	1.12559	1.12559	0.623859	0.828398	1.05637	0.456437	1.06853	1.06853	0.562371	1.41959	1.41959	0.829508	0.844555	1.18069	1.18069	0.92001	-1.09376	0.707503	0.882825	-1.13273	0.684155	1.18455	1.53988	1
cg17336076	GLUD1;FAM35A	0.709015	0.665904	0.766846	-1.30404	0.262321	0.24295	2.04295	0.284952	0.713877	-1.4008	0.667689	0.768018	-1.30205	0.174919	2.41502	2.41502	0.333545	1.83959	1.83959	0.95469	0.965872	-1.03533	0.718682	0.801668	-1.2474	0.785825	0.846663	-1.18111	0.684125	4.04642	5.25754	1
cg04156095	APBB1;APBB1	0.709015	0.75351	0.90801	-1.10439	0.632005	0.944558	-1.18327	0.764852	1.04006	1.04006	0.554244	0.932445	-1.07245	0.566754	1.09884	1.09884	0.573984	1.10638	1.10638	0.552424	1.81082	1.81082	0.914684	1.04098	1.04098	0.377811	1.0979	1.0979	0.684124	0.915419	1.04965	1
cg06549275	ASAP2;ASAP2	0.70902	0.818841	1.11209	1.11209	0.261707	1.71945	1.71945	0.98635	0.992101	-1.00795	0.844825	1.02924	1.02924	0.520639	1.35193	1.35193	0.186499	1.91271	1.91271	0.157212	2.01519	2.01519	0.255842	1.73204	1.73204	0.814262	1.11514	1.11514	0.684118	1.32359	3.01908	1
cg01481441	MLEC	0.709026	0.946302	1.01587	1.01587	0.706393	1.09622	1.09622	0.116303	1.51331	1.51331	0.695271	1.10028	1.10028	0.93128	1.02053	1.02053	0.257755	1.33201	1.33201	0.596237	1.1386	1.1386	0.732057	1.08701	1.08701	0.153991	1.44844	1.44844	0.684109	0.634495	0.829621	1
cg09113306	DAZL	0.709036	0.469268	0.647347	-1.54455	0.42248	0.576753	-1.7345	0.422248	0.810678	-1.23376	0.676892	0.976892	-1.02404	0.668427	1.49566	1.49566	0.284391	0.518466	-1.92877	0.135975	7.35485	7.35485	0.010879	1.03079	1.03079	0.313043	1.85223	1.85223	0.684106	1.78038	4.91209	1
cg08771706	KCNQ1DN	0.709045	0.728845	0.882068	-1.1337	0.429513	0.747669	-1.33749	0.805906	1.09283	1.09283	0.778357	1.1071	1.1071	0.130268	0.695285	-1.43903	0.6625	0.853542	-1.17159	0.660209	0.507456	-1.98186	0.451173	0.758195	-1.31892	0.821022	1.08514	1.08514	0.684083	1.40867	1.83041	1
cg05428268	TAF6L	0.709048	0.424367	0.705103	-1.41836	0.150102	0.456358	-2.19035	0.65231	0.796292	-1.25561	0.930259	1.04796	1.04796	0.329792	-1.30497	-1.30497	0.0944858	0.344382	-2.90344	0.190044	0.762209	1.32121	0.756539	0.77502	-1.29077	0.164664	0.779545	-1.28283	0.758152	0.859614	1.16331	0.684078	2.01061	2.53883	1
cg00990591	C22orf30	0.709054	0.184833	0.73759	-1.35577	0.33644	1.22786	1.22786	0.667903	0.910821	-1.09791	0.527857	1.14846	1.14846	0.418171	1.18666	1.18666	0.672654	1.09633	1.09633	0.687775	1.09137	1.09137	0.44574	0.845166	-1.1832	0.639986	1.10733	1.10733	0.68407	0.507448	0.659384	1
cg18238734	TPRG1;TPR2	0.709059	0.550949	1.12136	1.12136	0.831367	1.04132	1.04132	0.16606	1.32366	1.32366	0.376677	1.02992	1.02992	0.750929	1.06232	1.06232	0.720044	1.07071	1.07071	0.629372	0.93181	-1.07672	0.1525	1.3377	1.3377	0.263676	1.24758	1.24758	0.684062	0.390494	0.507418	1
cg12899381	TMEM200C	0.709059	0.695284	0.861	-1.16128	0.427376	0.725606	1.37645	0.470445	1.57962	1.57962	0.491311	1.54537	1.54537	0.422578	1.66539	1.66539	0.164642	2.18662	2.18662	0.042557	3.08992	3.08992	0.044647	2.68002	2.68002	0.064527	2.40947	2.40947	0.684063	4.20047	5.4582	1
cg23328922	PLCXD2;PLCXD2	0.709061	0.152502	0.598916	-1.66968	0.905736	0.961148	-1.04042	0.401366	0.750271	-1.33285	0.744923	0.89655	-1.11539	0.603422	0.839194	-1.19162	0.308092	0.702648	-1.42319	0.34889	0.724273	-1.38069	0.982161	1.00751	1.00751	0.380646	1.34615	1.34615	0.68406	1.21228	1.57528	1
cg10144442	UNC84A;UNC84A	0.709067	0.095355	0.657799	-1.52035	0.91999	1.16923	1.16923	0.884823	1.02683	1.02683	0.614675	0.965871	1.03127	0.704662	1.1243	1.1243	0.838802	1.07259	1.07259	0.706568	1.1243	1.1243	0.851868	1.05057	1.05057	0.878966	1.03943	1.03943	0.684053	0.96006	1.04393	1
cg02236651	LIMD2	0.70907	0.92898	0.87862	-1.13815	7	7	0.891182	0.819735	-1.21991	0.831796	0.734061	-1.36229	0.929225	1.13764	1.13764	0.535549	1.397172	2.5178	0.684123	0.550366	-1.81697	0.105375	0.05851653	-17.1924	0.38034	0.260885	3.8331	0.699273	17.2773	12.9075	1
cg18013711	C15orf42	0.709068	0.504004	2.19825	2.19825	0.73699	1.47925	1.47925	0.960294	0.943811	-1.05953	0.570827	1.94527	1.94527	0.349506	3.06081	3.06081	0.621946	1.7813	1.7813	0.137321	0.15584	-6.41684	7	7	0.974327	1.03809	1.03809	0.684303	12.6948	18.9955	1
cg24906206	SH3GL1	0.70907	0.845912	0.94991	-1.05261	0.672313	1.14844	1.14844	0.510809	1.17512	1.17512	0.294788	1.29985	1.29985	0.156227	1.42643	1.42643	0.324511	0.777278	-1.28625	0.823962	0.940241	-1.06347	0.228973	1.35623	1.35623	0.126286	1.48527	1.48527	0.684047	0.631096	0.820828	1
cg13883366	SVIL;SVIL	0.709087	0.348131	0.761524	-1.39563	0.454999	0.30031	1.30031	0.44013	1.31217	1.31217	0.766426	0.902308	-1.10827	0.631073	0.849163	-1.17763	0.155731	0.592062	-1.68901	0.950769	1.02154	1.02154	0.512456	0.795131	-1.25765	0.47907	0.780115	-1.28186	0.684022	1.2901	1.67648	1
cg18193799	SH3PXD2A	0.709101	0.170851	0.64165	-1.55788	0.407205	0.536128	1.86508	0.30208	1.36527	1.36527	0.389982	1.69537	1.69537	0.180504	1.90547	1.90547	0.233405	0.564532	-1.77133	0.34732	0.623426	1.60505	0.258163	0.672	-1.48798	0.205105	0.627455	1.59387	0.684048	0.64255	0.842721	1
cg03127185	DLAT	0.709124	0.550828	0.911568	-1.09701	0.296209	0.846903	-1.18077	0.414323	1.13657	1.13657	0.62262	0.926722	-1.07907	0.502155	0.900781	-1.11015	0.973561	1.0051	1.0051	0.484104	0.896649	-1.11526	0.915652	1.01639	1.01639	0.200377	1.23061	1.23061	0.683971	0.254856	0.331341	1
cg13881366	SVIL;SVIL	0.709125	0.581382	1.20714	1.20714	0.940513	0.968604	1.01235	0.15	0.674643	0.43496	-2.09895	0.594351	1.2577	1.2577	0.715905	0.859633	1.34875	0.649358	1.2153	0.891454	1.1211	1.1211	0.55574	0.95574	1.01762	1.01762	0.848958	1.07111	1.3121	0.684038	1.97511	2.56171	1
cg18234556	DPF2	0.709133	0.51753	1.16059	1.16059	0.635205	1.14458	1.14458	0.540103	1.24849	1.24849	0.395903	1.03621	1.03621	0.913298	1.01158	1.01158	0.589502	1.13161	1.13161	0.343483	1.24795	1.24795	0.189511	1.62111	1.62111	0.436957	1.23131	1.23131	0.683957	0.558062	0.725272	1
cg18984715	CBL8	0.709134	0.919928	1.07139	1.07139	0.0948667	1.52139	1.52139	0.299812	2.08947	2.08947	0.901975	0.918963	-1.08818	0.577429	0.679768	-1.47109	0.912586	1.07822	1.07822	0.527673	0.644779	-1.55092	0.921749	0.934836	-1.06971	0.853385	0.880846	-1.13527	0.683956	5.09493	6.62152	1
cg12460433	EDIL3	0.709144	0.69603	0.847347	-1.18003	0.46	0.967977	-1.03308	0.494289	0.944361	-1.05903	0.545252	1.37655	1.37655	0.276552	1.68034	1.68034	0.503903	1.13436	1.13436	0.286209	0.589982	-1.69947	0.227502	0.616894	-1.62102	0.969269	0.983748	-1.01652	0.683948	0.97728	2.20636	1
cg17655978	ZNF134	0.70914	0.87644	1.05126	1.05126	0.550733	0.823716	-1.21401	0.636299	0.858108	-1.16535	0.469926	1.26638	1.26638	0.678546	0.874689	-1.14326	0.215656	1.51989	1.51989	0.220137	0.660891	-1.51311	0.449303	0.78061	-1.28105	0.923671	1.03126	1.03126	0.683948	1.1179	1.45287	1
cg20576797	C21orf29	0.709159	0.324642	0.502731	-1.98914	0.518091	0.607505	-1.64962	0.581118	1.45758	1.45758	0.507442	0.634666	-1.57563	0.40467	0.563827	-1.77391	0.157131	0.73472	1.36095	0.25129	0.446334	-2.24047	0.986846	0.988051	-1.01121	0.788378	0.833689	-1.19949	0.683922	4.95136	6.43525	1
cg05962079	PHC3	0.709163	0.567271	1.08799	-1.49799	0.148014	0.976457	2.976457	0.945	1.02683	1.02683	0.614675	2.5813	2.5813	0.435382	1.744	1.744	0.847668	1.24247	1.24247	1.14384	0.874	1.14384	0.613	0.859	1.16402	0.613	0.859	1.16402	0.613	0.859	1.16402

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(533T vs. N)	Fold-Change(533T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg27073431	CAIA2	0.709965	0.674838	1.20888	0.564581	1.2993	1.2993	0.220603	0.560461	1.78424	0.399836	0.678758	1.47328	0.363125	0.656901	1.5223	0.815257	0.900118	-1.11097	0.762864	1.14574	1.14574	0.707255	1.13951	1.13951	0.218111	0.558525	1.79043	0.682782	2.18589	2.84573	1
cg23176436	DDX5	0.709987	0.919887	0.984045	-1.01621	0.916392	-1.01693	1.016993	0.350492	1.16689	1.16689	0.693816	0.938658	-1.06535	0.946293	1.01083	1.01083	0.104484	1.33331	1.33331	0.514191	1.1118	1.1118	0.490142	1.11889	1.11889	0.291793	1.19227	1.19227	0.683909	0.270218	0.308207	1
cg12295593	BAT3;BAT3;BAT3;BAT3	0.710009	0.542452	1.1223	1.1223	0.762237	0.944801	-1.05842	0.908613	1.02172	1.02172	0.728319	0.936829	-1.06743	0.395094	1.17702	1.17702	0.287242	0.813205	-1.2297	0.822394	0.958803	-1.04297	0.680506	1.08056	1.08056	0.139184	1.34694	1.34694	0.682719	0.378622	0.49296	1
cg10335834	OPCML	0.710016	0.997164	1.00114	1.00114	0.0772695	1.87658	1.87658	0.558146	1.20899	1.20899	0.634857	1.16569	1.16569	0.645436	1.86202	-1.16006	0.803515	1.08316	1.08316	0.887922	1.04623	1.04623	0.301933	1.40878	1.40878	0.763533	0.907838	-1.10152	0.682671	1.1934	1.44574	1
cg08635130	RNF198;RNF198	0.710024	0.345907	1.45589	0.617788	1.21902	1.21902	0.962224	0.98184	-1.0185	0.749248	1.13212	1.13212	0.419039	1.37645	1.37645	0.300161	0.663665	-1.50679	0.407182	1.38832	1.38832	0.336383	1.4675	1.4675	0.233436	1.62162	0.683269	1.61901	2.10798	1
cg05523906	RCC2;RCC2	0.710025	0.676161	0.834134	-1.19885	0.860992	0.927122	-1.07861	0.236463	0.58535	-1.70838	0.658119	1.21199	1.21199	0.471636	1.72809	-1.17731	0.545462	1.30234	1.30234	0.780833	0.88655	-1.12797	0.344615	1.69122	1.69122	0.353797	0.662408	-1.50964	0.682697	2.01529	2.62395	1
cg15314855	FAM26D	0.710027	0.842891	0.892863	-1.11999	0.850806	1.11352	1.11352	0.447827	1.55547	1.55547	0.550771	1.41157	1.41157	0.491515	0.670988	-1.49034	0.325949	0.560347	-1.78461	0.285288	0.530578	-1.88474	0.281924	0.528043	-1.89378	0.546665	1.41698	1.41698	0.682695	0.532616	0.59116	1
cg25800328	AGBL2	0.710035	0.879638	0.931291	-1.07148	0.916887	0.567834	-1.76108	0.461095	1.40757	1.40757	0.844247	0.914282	-1.09375	0.729134	0.853527	-1.17161	0.462878	1.40559	1.40559	0.384479	1.65956	1.65956	0.711487	1.18443	1.18443	0.318393	0.637873	-1.56771	0.682683	2.24434	2.92224	1
cg09547119	ZNF577;ZNF577;ZNF577	0.710035	0.429856	1.38279	1.38279	0.406629	1.40696	0.116316	0.00072	2.02468	2.02468	0.129356	1.31916	1.31916	0.217816	1.89176	1.89176	1.09704	1.09704	0.781957	0.894414	-1.11805	0.827177	0.915817	-1.09192	0.747899	1.33844	1.73805	1.73805	0.682683	0.174896	0.227724	1
cg20448748	SCFD1;SCFD1	0.710039	0.644488	1.0581	1.0581	0.158277	1.2012	1.2012	0.556257	0.930222	-1.07501	0.737141	0.958317	-1.0435	0.524368	0.924583	-1.08157	0.390003	0.898472	-1.113	0.32681	0.884231	-1.13093	0.856602	0.978255	-1.02223	0.770018	1.03627	1.03627	0.682677	0.159716	0.207961	1
cg19730813	MEIS3;MEIS3	0.710045	0.454109	1.586168	1.586168	0.70599	0.653275	1.51758	0.315056	0.289128	3.45867	0.319047	1.58095	1.58095	0.406982	2.45302	-1.28156	0.756285	1.24369	1.24369	0.376325	0.67339	1.48502	0.616901	0.997782	1.00224	1.43311	0.773876	1.22359	1.62659	0.682669	5.30529	6.9079	1
cg10539274	RASSF6;RASSF6	0.710060	0.928502	0.932804	-1.07204	0.980379	0.98112	-1.01924	0.988812	0.989191	-1.01093	0.751767	1.27884	1.27884	0.322125	0.452671	-2.20911	0.323101	0.45337	-2.2057	0.262928	0.409668	-2.441	0.817568	1.19613	1.19613	0.211064	2.77679	2.77679	0.682636	0.49479	0.845714	1
cg09090048	VPS26B;NCAPD3	0.710080	0.816299	0.969222	-1.03175	0.905398	1.12104	1.12104	0.664329	0.940303	-1.06041	0.331196	0.873980	-1.14419	0.357789	0.768718	-1.30098	0.549861	0.821567	-1.21658	0.488021	0.59827	-1.67138	0.605022	0.931449	-1.07354	0.945546	1.00752	1.00752	0.682611	0.195106	0.254655	1
cg02290617	MLC1;MLC1	0.710081	0.342786	0.557595	-1.79342	0.160878	0.408578	-2.44751	0.66201	1.30068	1.30068	0.503537	0.666504	-1.50037	0.309505	0.458623	-2.20448	0.774684	0.842378	-1.18712	0.37289	0.578849	-1.72757	0.948868	0.561934	-1.77957	0.658779	0.766745	-1.30421	0.682659	3.86134	5.02835	1
cg20062401	MYOCD;MYOCD P4AK4;P4AK4;P4AK4;P4AK4;P4AK4;P4AK4	0.710115	0.58846	0.793756	-1.25983	0.259467	1.64445	0.614263	0.532658	1.32357	1.32357	0.427741	0.710096	-1.40826	0.747969	0.872569	-1.14604	0.226262	0.584561	-1.71127	0.48129	1.35346	0.705738	1.17397	1.17397	0.835023	1.09218	1.09218	0.682852	1.93253	2.51686	1
cg07186707	4;PAK4;PAK4;PAK4	0.710172	0.578727	1.24003	1.24003	0.483025	1.31449	1.31449	0.540757	1.2681	1.2681	0.971579	1.01376	1.01376	0.493023	1.30609	1.30609	0.193115	0.589626	-1.69599	0.680727	1.17199	1.17199	0.375259	1.41773	1.41773	0.259198	1.57067	1.57067	0.68249	1.5903	2.07124	1
cg16795450	RNF122;RNF122	0.710178	0.451378	0.906412	-1.10325	0.496476	1.09326	1.09326	0.872202	1.02092	1.02092	0.768156	1.05874	1.05874	0.398173	1.1196	1.1196	0.858665	1.02656	1.02656	0.282653	0.857596	-1.16605	0.377306	1.12354	1.12354	0.68248	0.178719	0.23277	1
cg22182016	GRINL1A;GCOM1;GCOM1;GRINL1A;GRI NL1A	0.710185	0.988271	0.992404	-1.00765	0.709077	0.823315	-1.21146	0.57442	1.34223	1.34223	0.640108	1.27669	1.27669	0.231792	1.91664	1.91664	0.855042	1.09951	1.09951	0.785105	1.15233	1.15233	0.727594	0.834099	-1.1989	0.127681	0.425536	-2.34998	0.682471	2.90863	3.78836	1
cg20954284	MSC;ID703	0.710186	0.13424	0.293841	-3.40324	0.293679	2.60701	-2.49114	0.967139	0.987851	-1.0123	0.559028	0.684943	-1.55613	0.304966	0.44681	-2.23809	0.247944	0.400109	-2.49932	0.531051	0.638035	-1.61803	0.210941	0.368027	-2.71739	0.481245	0.58105	-1.72102	0.682469	6.2552	8.09676	1
cg17527969	MIR153-2;PTPN2;PTPN2;PTPN2	0.710205	0.180165	1.79717	1.79717	0.304117	1.55006	1.55006	0.91067	0.954827	-1.04731	0.335125	1.5059	1.5059	0.175476	1.8101	1.8101	0.486579	1.33798	1.33798	0.298443	1.55878	0.601445	1.02442	1.24242	1.24242	0.638363	1.25128	1.25128	0.682442	1.83351	2.38816	1
cg00021507	TAPBP;TAPBP;TAPBP	0.710216	0.336074	0.778856	-1.62953	0.513363	0.81527	2.22274	0.115548	1.84188	1.84188	0.540479	0.496048	2.01559	0.409274	2.44295	-1.70163	0.197835	0.78822	-1.26862	0.160439	0.44464	-2.24901	0.307581	0.513793	1.53793	0.908083	1.11827	1.11827	0.682426	0.74849	0.913769	1
cg17414718	BRSK2	0.710221	0.834409	1.04447	1.04447	0.803465	1.05319	1.05319	0.651808	0.909934	-1.09898	0.213519	0.761674	-1.3129	0.68501	0.970372	-1.03053	0.346353	0.817466	-1.22329	0.149399	0.725222	-1.37889	0.988383	0.996979	-1.00303	0.518691	1.14565	1.14565	0.68242	0.466845	0.608091	1
cg27429313	MGMT	0.710233	0.331005	0.600503	-1.66527	0.947995	1.03372	1.03372	0.921239	1.01557	1.01557	0.39407	1.55871	1.55871	0.212537	0.512823	-1.94999	0.94562	1.03529	1.03529	0.912827	0.512823	-1.94999	0.579542	0.757167	1.32067	0.756548	0.940097	0.962507	-1.03895	0.68225	0.780297	-1.28156	0.682403	3.63954	4.7	1
cg06383648	MAN2B2	0.710253	0.7463	0.889356	1.12464	0.889356	0.17121	1.69397	0.163997	0.765541	1.30626	0.16862	0.610246	1.63852	0.140157	0.770375	1.29782	0.607658	0.83626	1.19528	0.523234	1.60453	0.623707	1.60453	0.795457	1.25703	0.796422	0.940215	1.06317	0.682375	1.2893	1.67949	1
cg27014438	BAT3;BAT3;BAT3;BAT3	0.710256	0.24865	0.175424	-5.70046	0.370477	0.265168	-3.77119	0.251041	0.177107	-5.64629	0.800853	0.694327	-1.44024	0.355563	0.253686	-3.94188	0.425497	0.308943	-3.23684	0.976702	0.958727	-1.04305	0.897474	1.2045	1.2045	0.151645	1.08191	-9.18185	0.682371	22.5145	29.3284	1
cg20743152	VCL;VCL	0.710265	0.768304	0.849471	-1.13798	0.793977	0.880663	1.13628	0.326571	0.681806	-1.46669	0.890789	1.10559	1.10559	0.287965	0.902704	-1.10766	0.508355	1.28826	1.28826	0.490483	1.39085	1.39085	0.562327	1.56327	0.889654	0.948943	-1.0538	0.682557	1.54023	2.00641	1
cg14781262	FAM196B;DOCK2	0.710266	0.908995	0.93538	1.03538	0.823074	1.07047	1.07047	0.544958	0.830028	-1.20478	0.826284	1.06912	1.06912	0.818764	1.5564	0.643	0.658038	0.873119	-1.14506	0.452715	0.790459	-1.26489	0.595154	1.17713	1.17713	0.461706	0.796248	1.25698	0.682356	0.99926	1.30171	1
cg20275462	METTL2A	0.710279	0.620009	0.700214	-1.42814	0.245746	2.38804	2.38804	0.713478	1.30056	1.30056	0.646122	0.719236	-1.39036	0.914796	0.943396	-1.06	0.430194	0.562595	-1.77748	0.62413	0.70321	-1.42205	0.863137	1.13262	1.13262	0.159521	0.3391	-2.94898	0.681484	5.35782	6.11468	1
cg20960592	MIR762;BCL7C	0.710285	0.518745	1.204081	-1.4024	0.864709	1.47741	1.47741	0.109574	0.36491	1.64781	0.164707	0.461597	2.16697	0.146001	0.68481	-1.46052	0.747577	0.839801	-1.1906	0.432992	0.845872	-1.2196	0.215589	0.514331	1.94386	0.089775	1.1069	-2.1936	0.682423	1.11009	0.63663	1.57124	1
cg16046605	LCE3A	0.710295	0.346577	0.362714	-2.75699	0.752733	1.39191	1.39191	0.624199	0.596534	-1.67635	0.415312	0.418466	-2.38968	0.490044	0.480178	-2.08256	0.813821	0.781271	-1.27997	0.495332	0.26351	2.06351	0.750148	1.39693	1.39693	0.122667	0.173755	-5.75523	0.682315	11.83	15.4115	1
cg13280880	TRIM40	0.710296	0.356104	0.778856	-1.62953	0.513363	0.81527	2.22274	0.115548	1.84188	1.84188	0.540479	0.496048	2.01559	0.409274	2.44295	-1.70163	0.197835	0.78822	-1.26862	0.160439	0.44464	-2.24901	0.307581	0.513793	1.53793	0.908083	1.11827	1.11827	0.682426	0.74849	0.913769	1
cg26968767	GRIN2C	0.710318	0.805176	0.844482	-1.18416	0.947961	1.04566	1.04566	0.830729	1.15768	1.15768	0.992927	1.00608	1.00608	0.199754	0.39591	-2.52583	0.758682	0.809963	-1.23462	0.120103	0.315592	-3.16865	0.720346	0.782016	-1.27875	0.240545	0.431524	-2.31737	0.682282	5.05532	6.58615	1
cg14258356	ELK1;ELK1	0.710334	0.209198	0.166415	-6.00906	0.682113	0.572396	-1.74704	0.892532	0.832662	-1.20097	0.235388	0.59135	1.69135	0.63684	1.90463	1.90463	0.528041	0.420583	2.37765	0.23783	0.2138	-4.67228	0.877185	0.810978	-1.23308	0.960266	0.934752	-1.06983	0.682252	19.8323	25.839	1
cg18633379	PIGN;PIGN;KIAA1468	0.710345	0.879546	0.96	1.04167	0.96	0.61801	1.66103	0.96671	1.04305	0.96671	1.03466	0.96671	1.03466	0.16882	1.1007	1.1007	0.160843	0.720288	0.82713	1.2093	0.160843	0.720288	0.82713	?	?	?	0.848506	1.17864	0.816346	-1.20243	0.676872	1.49779	1.49779	0.66647	0.871946	1.03816	1
cg02761866	AS88	0.710346	0.77615	0.90665	-1.10296	0.339407	1.40283	1.40283	0.29771	1.44933	1.44933	0.779918	0.908195	-1.10108	0.282387	0.681132	-1.46814	0.910924	0.96226	-1.03922	0.228154	1.5447	1.5447	0.608503	1.19434	1.19434	0.799063	1.09165	1.09165	0.682243	1.27688	1.66364	1
cg01760104	SRGAP1	0.710349	0.647676	1.17536	-1.28812	0.256605	0.684822	-1.46023	0.288371	0.703522	-1.42142	0.696334	1.13363	1.13363	0.195004	0.894964	-1.11753	0.405269	0.76201	-1.3121	0.387734	0.753448	-1.32723	0.847855	0.922871	1.08348	0.314703	0.968448	-1.03292	0.682217	1.0502	1.44378	1
cg11138731	NECAP1;NECAP1	0.710376	0.266878	0.728466	-1.37275	0.675598	1.12218	1.12218	0.586765	1.1622	1.1622	0.919555	0.972711	-1.02805	0.259241	0.724437	-1.38038	0.489188	0.824957	-1.21218	0.629413	1.14245	1.14245	0.481806	1.2163	1.2163	0.401102	1.2654	1.2654	0.682268	0.81048	1.05603	1
cg24679453	PRDM16;PRDM16	0.710387	0.170325	3.40851	3.40851	0.614668	1.53152	1.53152	0.988321	1.01237	1.01237	0.588293	1.5824	1.5824	0.846064	0.849405	-1.17729	0.265674	2.64857	2.64857	0.135052	3.86847	3.86847	0.546198	1.67004	1.67004	0.544552	1.67365	1.67365	0.682186	7.61882	9.92733	1
cg01404404	NVL;NVL	0.710404	0.914889	0.972983	-1.08344	0.779077	0.892063	1.12128	0.352231	0.706471	-1.41548	0.788774	1.18977	1.18977	0.159654	0.840373	-1.19004	0.222312	1.28274	1.28274	0.111194	1.78965	1.78965	0.562327	1.56327	0.889654	0.948943	-1.0538	0.682517	1.54023	2.00641	1
cg03889315	TEF;TEF	0.710404	0.69168	1.10365	1.10365	0.286686	1.31485	1.31485	0.68296	1.10694	1.10694	0.385264	0.802334	-1.24636	0.552755	0.861932	-1.16018	0.852683	1.04707	1.04707	0.948516	1.46728	1.46728	0.821365	0.945585	-1.05755	0.714178	0.91301	-1.09528	0.682161	0.663321	0.861734	1
cg24880675	HK2	0.710418	0.32196	0.861	1.16144	0.861	0.60771	1.64604	0.276498	0.724768	1.37984	0.32602	0.607889	1.64544	0.867408	0.92102	-1.08564	0.797035	1.25495	1.25495	0.211761	1.88046	1.88046	0.531992	1.93992	1.93992	0.364801	0.930358	-1.07482	0.682454	1.11902	1.05168	1.40125	1
cg09284707	RAB39	0.710418	0.932405	1.09607	1.09607	0.655013	1.12772	1.12772	0.655768	1.1274	1.1274	0.524303	0.841588	-1.18823	0.536472	0.845942	-1.18211	0.589521	0.687398	-1.45476	0.889244	0.963443	-1.03794	0.932505	1.0229	1.0229	0.196128	1.44101	1.44101	0.682141	0.771781	1.0057	1
cg20509631	CASP9;CASP9	0.710425	0.781641	1.21829	1.21829	0.439874	2.01234	2.01234	0.26	1.24877	1.24877	0.687505	1.33289	1.33289	0.314614	1.42477	-1.14207	0.528866	0.63547	-1.57364	0.460901	1.14948	1.14948	0.317704	2.0699	2.0699	0.182312	0.54546	0.7094	-1.40907	0.682312	0.54546	0.7094	1
cg04752885	ZFAND3	0.710428	0.612404	0.866648	-1.1536	0.417449	1.26081	1.26081	0.695371	1.03008	1.03008	0.253493	1.38376	1.38376	0.269276	0.724025	-1.38117	0.54649	1.17693	1.17693	0.77061	1.08543	1.08543	0.332995	1.3304	1.3304	0.953659	0.983878	1.01639	0.682127	0.845034	1.10117	1
cg12019650	C11orf94	0.710434	0.537002	0.76185	-1.3126	0.675441	1.20108	1.20108	0.544717	1.30571	1.30571	0.253643	1.67628	1.67628	0.168104	0.527736	-1.89489	0.771632	1.135	1.135	0.906703	1.05234	1.05234	0.552515	0.769919	-1.29884	0.634484	1.23171	1.23171	0.682119	2.0454	2.66542	1
cg24555065	TYMP;TYMP;TYMP;

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Probeset ID	UCSC_REFGENE_NAME SBDSP;TYW1B;TYW1B;SBDSP;SBDSP;SB	p-value(Test)	Fold-Change(1 vs. 2)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(122T vs. N)	Fold-Change(122T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 37T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg01949938	DSP	0.71136	0.617095	0.933528	-1.0712	0.35284	1.13943	0.602509	1.07431	0.07431	0.73874	1.04673	1.04673	0.36385	1.135	1.135	0.688664	1.0565	1.0565	0.951622	0.99755	-1.00831	0.686681	1.05689	1.05689	0.0796477	1.30401	1.30401	0.6808111	0.200776	0.26214	1
cg02009358	RBMS3;RBMS3;RBMS3	0.71136	0.125748	0.686049	-1.45762	0.461672	1.18581	1.18581	0.322438	0.792586	-1.26169	0.450994	0.839738	-1.19085	0.654034	0.902493	-1.10804	0.971537	0.991918	-1.00815	0.913029	1.02516	1.02516	0.65293	1.10844	1.10844	0.527969	0.864658	-1.15653	0.6808101	0.557705	0.728158	1
cg19287808	C11orf49;C11orf49;C11orf49;C11orf49	0.71176	0.894929	0.97337	-1.02736	0.201495	1.31722	1.317222	0.157905	1.3592	1.3592	0.58168	0.892561	-1.12037	0.430923	1.17846	1.17846	0.489051	1.15437	1.15437	0.80877	1.05077	0.615022	0.901603	-1.10914	0.803286	1.0523	1.0523	0.680788	0.449877	0.587393	1
cg26967211	PBRG1;PRRG1	0.71138	0.138931	0.23311	-4.28982	0.693734	0.696372	-1.45601	0.555435	0.579589	-1.72506	0.490723	1.87929	1.87929	0.80894	0.803318	-1.24791	0.949646	0.243865	-4.10063	0.882673	0.873703	-1.14455	0.950162	1.05081	1.05081	0.705811	0.709012	0.70983	-1.40879	0.680782	0.91248	11.7675	1
cg18341116	IBTK	0.71184	0.438274	1.12955	1.12955	0.669587	1.06838	1.06838	0.43662	1.13007	1.13007	0.48904	1.11437	1.11437	0.444881	1.1275	1.1275	0.658083	1.07104	1.07104	0.215419	0.817985	-1.22252	0.505612	0.901156	-1.10969	0.405167	1.14023	1.14023	0.680776	0.255988	0.334243	1
cg01372027	PFDN6;WDR46;WDR46	0.71189	0.370284	1.08593	-1.24209	0.510522	0.854468	1.17032	0.556862	1.1114	1.1114	0.882246	0.965377	-1.03554	0.362152	1.23515	1.23515	0.199726	1.13601	1.13601	0.791759	1.08411	1.08411	0.383702	1.3001	1.3001	0.982046	1.00532	1.00532	0.68077	0.598652	0.781667	1
cg16858871	ZDHHC13;ZDHHC13	0.71191	0.925186	1.02762	1.02762	0.419876	1.27008	1.27008	0.315171	0.747812	-1.33723	0.197809	1.48452	1.48452	1.32481	1.34101	1.34101	0.60345	1.16419	1.16419	0.992226	1.00283	0.534996	1.19993	1.19993	0.542237	0.83614	-1.19597	0.680767	0.907319	1.1847	1
cg10227191	KRT18;KRT18	0.71403	0.608862	0.787077	-1.27052	0.383484	1.51652	1.51652	0.587132	1.28962	1.28962	0.427704	0.686333	-1.45596	0.138703	0.477385	-2.09474	0.619715	0.79288	-1.26122	0.734038	0.85367	-1.17141	0.835707	1.10113	1.10113	0.568699	1.30637	1.30637	0.68075	2.32045	3.02992	1
cg26432044	ERLIN2;ERLIN2;ERLIN2	0.71403	0.355648	0.73733	-1.35662	0.25098	1.02705	1.02705	0.96	0.68919	-1.64422	0.943127	0.960992	1.04054	0.894992	0.920727	1.04241	0.267601	1.52346	1.19188	0.82143	1.1344	1.1344	0.582902	0.7982	0.7982	-1.36299	0.0955476	0.354802	-2.81848	0.67985	3.27817	2.75037	1
cg23821082	CTTNBP2NL	0.71406	0.819925	1.44478	1.44478	0.173412	0.426195	-2.37138	0.76618	0.837912	-1.19344	0.446445	1.58738	1.58738	0.648905	0.761998	1.31234	0.464501	1.54598	1.54598	?	?	?	0.409441	1.64915	1.64915	0.69696	0.792893	-1.2616	0.6644948	3.29178	4.95043	1
cg08832547	EXOC3L2	0.71413	0.929025	0.915594	-1.09287	0.780425	0.855867	-1.16841	0.993808	1.62761	1.62761	0.859851	1.50344	1.50344	0.744182	0.833297	-1.20005	0.1922	0.46257	-2.15717	0.916925	0.714959	-1.39868	0.679375	1.26378	1.26378	0.648735	1.34415	1.34415	0.68072	4.56622	3.66572	1
cg11739508	INADL	0.71416	0.392304	0.659574	-1.51659	0.748597	1.1651	1.1651	0.785801	1.1916	1.1916	0.982	1.0398	1.0398	0.289305	0.592924	-1.68656	0.730106	0.848257	-1.17889	0.858028	0.918429	-1.08882	0.698703	1.0341	1.0341	-1.20302	0.918377	0.952455	-1.04992	0.6807131	2.43466	3.17915	1
cg10493125	TSPAN15	0.71422	0.15961	0.46484	-2.23794	0.734738	0.833156	-1.19997	0.937889	1.004555	1.004555	0.683078	0.802496	-1.24611	0.182025	0.468303	-2.13674	0.437942	0.654352	-1.52823	0.23331	0.511785	-1.95394	0.769596	1.17051	1.17051	0.875945	0.91967	-1.08735	0.6807123	3.09765	4.04402	1
cg25749432	ANKRD13D;ANKRD13D;ANKRD13D	0.71424	0.823528	0.80851	-1.04651	0.380988	0.821842	-1.22071	0.963497	1.009136	1.009136	0.313681	0.80876	-1.23628	0.104635	0.609947	-1.43483	0.987987	0.99044	-1.00307	0.661006	0.919838	-1.09429	0.384178	0.997543	-1.25417	0.507791	1.072173	1.14656	0.680744	0.946702	0.583312	1
cg18549676	FXYD1;FXYD1	0.71442	0.434545	1.70307	1.70307	0.100991	1.31809	1.31809	0.652122	1.35397	1.35397	0.633031	0.724571	-1.38013	0.620538	1.39551	1.39551	0.555056	1.49675	1.49675	0.253187	2.21867	2.21867	0.411288	1.75246	1.75246	0.911244	1.0773	1.0773	0.680695	4.80725	6.27757	1
cg02151971	CENPO;CENPO;C1orf79	0.71443	0.307923	1.34994	1.34994	0.605222	1.51567	1.51567	0.788249	1.23941	1.23941	0.268344	2.52228	2.52228	0.310937	2.14078	2.14078	0.106535	4.0751	4.0751	0.679618	1.3925	1.3925	0.504487	0.582749	-1.71604	0.960281	1.0405	1.0405	0.680685	6.852385	8.94896	1
cg22473806	MFSD8	0.71452	0.887819	0.947541	-1.05536	0.277721	0.649901	-1.5387	0.864757	0.700795	-1.42695	0.751603	1.58508	1.58508	0.554157	0.555296	-1.80084	0.686217	0.856372	-1.16772	0.625751	1.20641	1.20641	0.546507	1.26258	1.26258	0.539135	0.788699	1.25706	2.26791	0.68068	1.57119	2.05179	1
cg18896032	SSRP1	0.71453	0.86581	0.945386	-1.05777	0.670986	1.15245	1.15245	0.341386	0.722127	-1.3848	0.446452	0.772832	-1.29394	0.823623	1.07695	1.07695	0.334192	0.71839	-1.392	0.200271	0.638096	-1.56716	0.468421	1.27758	1.27758	0.389672	0.746232	-1.34007	0.680678	1.18874	1.55236	1
cg09195198	FOXC2	0.71489	0.170026	0.449595	-2.22419	0.499208	0.7258	1.377	0.568854	0.706868	-1.41469	0.721553	0.595579	-1.67933	0.270869	0.503132	-1.98548	0.985886	0.989399	-1.01027	0.536907	1.33167	1.33167	0.391855	1.81585	1.81585	1.10355	0.939733	0.955468	-1.04661	0.680629	3.91242	5.10955	1
cg01335674	TBCD;ZNF750	0.71499	0.727621	1.14809	1.14809	0.467041	1.3395	1.3395	0.240576	1.64259	1.64259	0.489994	0.758092	-1.3191	0.794245	1.01282	1.01282	0.772657	1.12121	1.12121	0.109268	1.99311	1.99311	0.811248	1.0991	1.0991	0.799846	0.904527	-1.10555	0.680614	0.145184	2.196	1
cg12167002	PASK	0.71501	0.97117	1.01674	1.01674	0.938603	1.57309	1.57309	0.34122	1.29139	1.29139	0.447356	0.723198	-1.38277	0.487063	1.39003	1.39003	0.623075	1.25716	1.25716	0.611295	2.21817	2.21817	0.440718	1.4279	1.4279	0.7269	0.851258	-1.17473	0.6808559	2.27955	2.96965	1
cg18977656	YWHAZ;YWHAZ;YWHAZ	0.71543	0.323454	1.20593	1.20593	0.255628	1.24346	1.24346	0.901423	1.02301	1.02301	0.855194	1.03411	1.03411	0.886046	0.974014	1.02668	0.98441	1.096419	-1.00359	0.173309	0.766413	-1.30478	0.588849	1.10539	1.10539	0.475913	1.14237	1.14237	0.680552	0.363383	0.474625	1
cg15865069	PTPN12;PTPN12;PTPRN2	0.71551	0.436239	0.782944	-1.27723	0.586445	1.18418	0.833787	1.02593	1.02593	0.669024	1.14166	1.14166	0.852567	0.944186	-1.05911	0.390068	0.762366	-1.31171	0.639356	1.1565	1.1565	1.00062	0.573999	-1.74216	0.740716	0.902756	-1.10772	0.680541	1.02294	1.33611	1
cg13303571	LI170	0.71556	0.398048	1.14767	1.14767	0.755488	1.05858	1.05858	0.10082	1.41508	1.41508	0.14158	1.64158	1.64158	0.833756	0.907207	-1.10259	0.528755	0.903555	-1.10674	0.996185	1.00076	1.00076	0.872954	0.827913	-1.20786	0.214098	0.811342	-1.23253	0.679627	0.265071	0.303352	1
cg15738315	NCAPG2	0.71575	0.670186	1.46387	1.46387	0.518616	0.558733	-1.78976	0.275411	2.74374	2.74374	0.478624	0.526901	-1.89789	0.133088	0.236589	-4.22674	0.632409	0.651366	-1.53523	0.617765	0.639214	-1.56442	0.826104	0.822238	-1.21639	0.798767	0.796725	-1.25514	0.680506	8.52787	11.1393	1
cg20956823	CHRND	0.71588	0.420731	0.87986	-1.13648	0.754949	0.935057	-1.06945	0.810407	1.58372	1.58372	0.565767	1.59206	1.59206	0.871537	1.06529	1.06529	0.610779	0.818238	-1.22214	0.256146	1.58921	1.58921	0.339054	1.31843	1.31843	0.916886	0.960036	-1.04164	0.680488	1.64605	2.15015	1
cg25945412	SMARCD2;SMARCD2	0.71602	0.624524	0.865894	-1.15488	1.002594	1.68436	1.68436	0.587417	1.17356	1.17356	0.820925	0.935964	-1.06842	0.806199	0.07439	0.07439	0.616875	1.15862	1.15862	0.81204	1.07642	0.76542	0.576553	0.913615	-1.09455	0.224031	1.45187	1.45187	0.680443	0.918239	1.19953	1
cg21889181	KCTD21	0.71637	0.566794	1.14628	1.14628	0.509134	1.17089	1.17089	0.102855	1.52319	1.52319	0.481872	1.1836	1.1836	0.455606	1.19625	1.19625	0.820441	1.05507	1.05507	0.984575	1.00457	1.00457	0.987649	0.996356	-1.00366	0.162301	1.42162	1.42162	0.680418	0.599191	0.782774	1
cg16560906	B3GAT2;B3GAT2	0.71641	0.903751	1.08134	1.08134	0.116551	1.32441	1.32441	0.148045	1.18401	1.18401	0.148048	1.10287	1.10287	0.724965	1.13792	1.13792	0.210814	1.07247	1.07247	0.736427	1.14674	1.14674	-1.35761	0.662405	0.734214	-1.36885	0.790582	-1.27436	0.751757	1.3352	1.3352	0.680413	0.840213	0.84211	0.81682	1
cg14337785	CNR1;CNR1;CNR1;CNR1;CNR1;CNR1	0.71642	0.685954	0.901144	-1.1097	0.703111	1.45345	1.45345	0.850525	1.04949	1.04949	0.487055	1.19819	1.19819	0.974925	1.00808	1.00808	0.148293	1.48745	1.48745	0.590346	1.14931	1.14931	0.784373	1.07276	1.07276	0.557181	0.858967	-1.16419	0.680412	0.706564	0.923054	1
cg05376999	GSK3A	0.71665	0.315283	1.00004	1.00004	0.996855	1.57309	1.57309	0.34122	1.40318	1.40318	0.412797	1.7124	1.7124	0.960302	0.98134	0.98134	0.623075	1.25716	1.25716	0.611295	1.95511	1.95511	0.547883	1.15943	1.15943	0.805904	1.05506	1.05506	0.756495	1.05124	1.05124	0.680403	0.611518	0.74202	0.69655	1
cg19333116	C6orf115	0.71708	0.42755	0.864179	-1.15717	0.779364	1.05191	1.05191	0.232868	1.25286	1.25286	0.413761	0.860221	-1.16249	0.46518	1.14333	1.14333	0.95778	1.00959	1.00959	0.707715	1.07023	1.07023	0.223864	1.25895	1.25895	0.57818	1.10652	1.10652	0.680319	0.349908	0.457181	1
cg12113356	CCDC80;CCDC80;CCDC80	0.71739	0.407963	0.597744	-1.96177	0.0905673	0.161002	-6.2111	0.458013	0.477041	-2.09626	0.698257	0.682803	-1.46455	0.194306	0.260573	-3.83769	0.59007	0.585778	-1.7019	0.536292	0.403776	-2.47662	0.468766	0.485806	-2.05843	0.602726	0.10335	0.153043	1
cg14553198	MEIS1	0.71739	0.66703	-1.73404	1.03574	0.930603	1.57309	1.57309	0.34122	1.64188	1.64188	0.319007	0.20101	-2.07011	0.67366	1.35443	1.35443	0.623075	1.25716	1.25716	0.611295	2.21817	2.21817	0.440718	1.4279	1.4279	0.7269	0.851258	-1.17473	0.6808559	2.27955	2.96965	1
cg06832551	TOR1AIP1	0.71745	0.754923	0.895739	-1.1164	0.197923	0.61971	-1.61366	0.614638	0.83652	-1.19543	0.71721	0.879943	-1.13644	0.463957	0.769432	-1.29966	0.300921	1.45775	1.45775	0.786219	1.10031	1.10031	0.83923	0.931063	-1.07404	0.218398	0.634309	-1.57652	0.680267	1.3321	1.74063	1
cg02266197	CCDC160	0.71752	0.270383	1.15515	1.15515	0.622503	1.18506	1.18506	-1.23915	0.983468	-1.01691	0.881338	0.48962	-2.48952	0.409259	0.39432	-2.53611	0.255858	0.708239	-1.41112	0.682577	0.70072	-1.42681	0.692284	0.613934	-1.62907	0.642294	0.707917	-1.41331	0.680269	1.28769	-1.81788	0.24531	1
cg14433414	PPM1F	0.71761	0.748842	0.80601	1.08062	0.36952	1.24912	1.24912	0.937822	1.10208	1.10208	0.20026	0.208462	1.37721	1.37721	0.445942	1.04822	1.04822	0.326631	0.783147	-1.2769	0.483851	0.842203	-1.18736	0.59142	1.13073	1.13073	0.434245	0.824828	0.62764	0.82015	1
cg26253581	C5orf45;C5orf45	0.71783	0.497157	0.841242	-1.18872	0.471998	0.832377	-1.20138	0.430491	0.837258	-1.2236	0.288636	0.758622	-1.31818	0.536911	0.854869	-1.16977	0.873131	1.04089	1.04089	0.0825691	0.617433	-1.61961	0.526283	0.851267	-1.17472	0.973643	1.00832	1.00832	0.680213	0.675543	0.8854	1
cg11141652	GSTTP1	0.71803	0.432056	1.15155	1.15155	0.622503	1.18506	1.18506	-1.23915	0.983468	-1.01691	0.881338	0.48962	-2.48952	0.409259	0.39432	-2.53611	0.255858	0.708239	-1.41112	0.682577	0.70072	-1.42681	0.692284	0.613934	-1.62907	0.642294	0.707917	-1.41331	0.680269	1.28769	-1.81788	0.24531	1
cg26267678	KCNF1;KNF1	0.71803	0.38663	0.834066	-1.19895	0.85238	0.962631	-1.03882	0.364712	1.2191	1.2191	0.213594	0.765092	-1.30703	0.97375	1.03304	1.03304	0.238855	0.770085	-1.28686	0.777452	1.05965	1.05965	0.843006	1.04137	1.04137	0.678833	1.08886	1.08886	0.680324	0.450727	0.588465	1
cg01107262	GAK	0.71825	0.57393	1.40267	1.40267	0.0844	1.24804	1.24804	0.43168	1.43168	1.43168	0.065617	1.02082	1.02082	0.863882	1.0212	1.0212	0.688364	1.02709	1.02709	0.996185	1.00076	1.00076	0.872954	0.827913	-1.20786	0.214098	0.811342	-1.23253	0.679627	0.265071	0.303352	1
cg15329426	ZBTB11;LOC100009676	0.71825	0.372715	1.29189	1.29189	0.417573	1.26091	1.26091	0.935665	1.02285	1.02285	0.773745	1.09878	1.09878	0.885491	1.04115	1.04115	0.362319	0.769485	-1.29957	0.232235	0.704258	-1.41993	0.798704	1.07414	1.07414	0.308164	1.34339	1.34339	0.680153	0.843668	1.10259	1
cg22975147	ALOX5;ALOXE3	0.71825	0.623687	0.869418	-1.15183	0.754949	0.935057	-1.06945	0.810407	1.59206	1.59206	0.871537	1.06529	1.06529	0.610779	0.818238	-1.22214	0.256146	1.58921	1.58921	0.339054	1.31843	1.31843	0.916886	0.960036	-1.04164	0.680488	1.64605	2.15015	1
cg03196669	EVSL;EVSL	0.71857	0.643812	0.70507	-1.4183	0.899766	1.09919	1.09919	0.442333	1.80027	1.80027	0.750976	1.26993	1.26993	0.27715	0.428144	-2.33566	0.598822	0.673562	-1.48501	0.973375	0.303137	-3.31877	0.702104	0.749438	-1.33433	0.603428	1.48193	1.48193	0.680109	0.06762	7.93026	1
cg18830118	C20orf117;C20orf117	0.71867	0.848693	0.853396	-1.17179	0.127982	0.918955	1.91895	0.115698	0.413416	0.413416	0.908496	0.90898	-1.10013	0.923742	1.08271	1.08271	0.873196	1.14176	1.14176	0.621757	1.51099	1.51099	0.711206	1.16361	1.16361	0.938725	0.938181	-1.06589	0.680094	7.42044	9.69858	1
cg20626618	CCTB12	0.71873	0.423134	0.889552	-1.12437	0.564166	0.913555	1.09513	0.151015	0.63914	0.63914	1.5646	0.961964	1.04026	0.940598	0.205974	-4.85475	0.773783	0.736427	-1.35761	0.662365	0.734214	-1.36885	0.790582	-1.27436	0.751757	1.3352	1.3352	0.680413	0.840213	0.84211	0.81682	1
cg09530958	MMP15	0.71881	0.292455	0.752732	-1.37792	0.907246	0.895177	-1.1171	0.536712	0.832258	-1.20155	0.295816	0.727467	-1.37463	0.122028	0.611449	-1.63546	0.582881	0.849771	-1.17679	0.26959	0.713597	-1.40135	0.757747	1.09506	1.09506	0.864888	0.951243	-1.05126	0.680074	0.927874	1.21277	1
cg14332346	TSG101	0.71906	0.549554	0.683973	-1.46284	0.428414	1.01824	1.01824	0.697366	1.27779	1.27779	0.596886	1.39767	1.39767	0.479378	0.632706	-1.58051	0.333913	0.535178	1.86854	0.585376	1.41278	1.41278	0.268272	2.06125	2.06125	0.774594	1.29309	1.29309	0.68004	4.45445	5.55394	1
cg03527653	SETBP1	0.71909	0.90365	1.09778	-1.04627	0.257422	1.55492	1.55492	0.196078	0.966042	-1.03515	0.396725	1.38282	1.38282	0.655201	1.12678	1.12678	1.11237	0.231949	0.626109	-1.59717	0.364219	0.705925	-1.41658	0.680034	1.50239	1.50239	0.680062	0.445145	0.65702	1
cg15377111	SIRT5;SIRT5	0.71915	0.886509	0.940903	-1.10509	0.671742	0.742112	-1.34751	0.402741	0.549258	-1.82064	0.489681	0.611998	-1.63399	0.953742	1.04143	1.04143	0.335245	0.49891	-2.00437	0.101307	0.284956	-3.50932	0.496848	1.62046	1.62046	0.592195	0.684988	-1.45988	0.680026	5.2733	6.89204	1
cg15132647	ZFYVE9;ZFYVE9;ZFYVE9	0.71952	0.539211	1.85437	1.85437	0.0139	1.84042	1.84042	0.18477	0.738726	0.738726	0.080075	0.18123	-5.51662	0.945238	0.91546	-1.09242	0.910324	0.965352	-1.03585	0.947972	0.562899	-1.77652	0.955763	0.982788	-1.01755	0.537783	1.21564	-1.21564	0.680016	0.05505	0.39162	1
cg18368502	CBX2	0.71958	0.136881	1.24491	1.24491	0.59915	1.0752	1.0752	0.771594	1.0406	1.0406	0.295749	1.15978	1.15978	0.480328	0.906575	-1.10305	0.930909	1.01193	-1.01193	0.994923	0.99913	-1.00087	0.279335	1.03557	1.03557	0.139995	1.16621	1.16621	0.807616	0.967198	-1.03391	0.679966	0.201271	0.263113	1
cg02133234	NRBP2	0.71962	0.952457	1.03432	1.03432	0.307768	1.81756	1.81756	0.593021	1.35706	1.35706	0.678996	1.26556	1.26556	0.28206	0.496863	-2.01263	0.882961	0.92001	-1.08675	0.633975	1.08604	1.08604	0.769863	0.982788	-1.01755	0.537783	1.21564	-1.21564	0.680016	0.05505	0.39162	1
cg21207699	PRO	0.71965	0.68146	1.13078	1.13078	0.099256	1.7128	1.7128	0.822288	1.06929	1.06929	0.566481	0.841512	-1.18834	0.954151	1.01727	1.01727	0.330103	0.741349	-1.34889	0.867821	1.05085	1.05085	0.913507	0.968163	-1.03288	0.582206	0.847498	-1.17994	0.679956	0.954997	1.24844	1
cg00282216	KIAA1688	0.71969	0.484535	1.07877	1.07877	0.345146	1.05746	1.05746	0.910683	0.864644	-1.15679	0.643867	0.919142	-1.08797	0.747445	1.12813	1.12813	0.652505	1.04956	1.04956	0.842365	1.06452	1.06452	0.754092	0.967013	-1.03411	0.883187	0.984428	-1.01582	0.67995	0.122708	0.160415	1
cg19639845	TOR1AIP2;TOR1AIP2	0.71975	0.812747	0.912087	-1.09639	0.134671	1.88247	1.88247	0.661971	1.18614	1.18614	0.267717	1.56893	1.56893	0.671768	0.823052	-1.21499	0.7	0.77	-1.29787	0.848991	1.07671	1.07671	0.697117	0.859209	-1.16386	0.957944	0.979763	-1.02066	0.663547	1.37431	1.81226	1
cg13387643	CAS2;LC4A21	0.71985	0.984814	0.908868	-1.10103	0.844307	1.18581	1.18581	0.322438	0.792586	-1.26169	0.450994	0.839738	-1.19085	0.654034	0.902493	-1.10804	0.971537	0.991918	-1.00815	0.913029	1.02516	1.02516	0.65293	1.10844	1.10844	0.527969	0.864658	-1.15653	0.680101	0.557705	0.728158	1
cg18752785	RNF24;RNF24;RNF24	0.71976	0.76005	1.03269	1.03269	0.943951	0.992644	-1.00741	0.57543	1.06122	1.06122	0.893231	1.0142	1.0142	0.727963	0.963998	1.03735	0.695218	0.12587	-7.94335	0.160429	0.695218	0.9595	-1.04221	0.10036	0.827779	-1.20805	0.223009	0.8742	-1.1439	0.659768	0.954548	-1.04762	0.679941	0.118726	0.155211	1
cg14092988	DNAH1	0.71995	0.99085	1.0073	1.0073	0.795077	0.847766	-1.17957	0.814432	1.16089	1.16089	0.221391	0.442381	-2.2605	0.980503	0.98897	-1.01115	0.571955	1.43675	1.43675	0.186658	2.43079	2.43079	0.311746	1.92728	1.92728	0.710394	1.789256	-1.26702	0.679914	4.33533	5.66781	1
cg00823526	MIR28Z;MIR29C	0.72002	0.767333	1.14188	1.14188	0.574185	0.904921	-1.04121	0.477766	1.38291	1.38291	0.11459	2.44404	2.44404	0.977961	1.02721	1.02721	0.453809	0.643709	-1.55396	0.192421	2.03104	2.03104	0.0977272	1.37942	1.37942	0.353305	1.64264	1.64264	0.679903	2.58881	3.1223	1
cg03237648	SFMBT2	0.72009	0.509935	0.643895	-1.55305	0.982572	0.974133	-1.02655	0.600004	1.14693	1.14693	0.464791	0.612641	-1.63228	0.264384	0.464795	-2.15148	0.904045	0.923644	-1.08267	0.412862	0.576153	-1.73565	0.200938	2.43412	2.43412	0.748865	1.23558	1.23558	0.679893	4.67073	6.1065	1
cg26703245	NTN4	0.72014	0.585434	1.2182	1.2182	0.378383	1.15939	1.15939	0.312244	0.422173	0.422173	0.338393	0.338393	0.845479	0.167861	0.167861	0.167861	0.585831	1.21792	1.21792	0.312352	0.482215	0.795085	0.18068	0.514339	1.48439	1.48439	0.679737	0.194691	0.975401	0.122522	0.678844	1.38262	1.807955	1
cg11406134	ALDH4A1;ALDH4A1;ALDH4A1	0.72019	0.766399	1.4056	1.4056	0.38907	0.74202	0.74202	0.356141	0.338032	-2.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19012258	C2CD2;C2CD2	0.12431	0.32442	0.648129	-1.5429	0.344025	0.660095	-1.51493	0.770481	1.13277	0.816086	1.09176	0.991774	0.995585	-1.00443	0.263428	0.608467	-1.64347	0.223732	1.72412	1.72412	0.815772	1.10467	1.713334	0.854496	-1.17028	0.679157	1.95333	2.55655	1
cg19580633	FAM241A;LOC100268168;LOC100268168	0.71254	0.800304	0.979652	-1.04734	0.934694	11.7555	1.7555	7	?	?	0.479425	0.332654	-3.00643	0.691956	0.544981	-1.83493	0.625832	0.472682	-2.13559	0.823749	1.40472	0.782273	1.52617	1.5357	0.643391	17.0982	27.974	1
cg05327509	PCCA;PCCA	0.71254	0.973923	0.989552	-1.01056	0.928651	1.0292	1.0292	0.701315	0.883527	-1.13183	0.364447	1.34913	1.34913	0.530005	1.22682	1.22682	0.523151	1.23115	1.23115	0.12985	1.69178	1.69178	0.32953	0.723725	-1.38174	0.904111	1.03949	1.03949	0.679135	1.13058	1.45358	1
cg09125882	FBXL1	0.71255	0.178933	2.389	2.389	0.43327	1.62861	1.62861	0.117681	2.81893	2.81893	0.944585	1.04251	1.04251	0.854874	1.1182	1.1182	0.565997	1.42458	1.42458	0.54734	1.45734	1.45734	0.367438	2.02311	2.02311	0.597789	1.38366	1.38366	0.679129	4.00134	5.23721	1
cg21142604	KIRREL	0.71255	0.348436	1.32264	1.32264	0.424758	1.26634	1.26634	0.391604	1.75488	-1.28951	0.92935	1.0602	1.0602	0.760202	0.799075	0.17069	5.85831	1.09051	1.09051	0.402407	2.48507	2.48507	0.178109	-1.28028	0.670667	0.902471	1.18312	1
cg01203563	MORN3	0.71256	0.240354	0.715997	-1.39665	0.835694	0.945122	-1.05806	0.34244	0.766575	-1.3045	0.556167	0.850632	-1.1756	0.333841	1.31114	1.31114	0.989453	0.996414	-1.0036	0.215993	0.701966	-1.42457	0.684487	0.894015	-1.11742	0.755557	1.08858	1.08858	0.679064	0.794337	1.03978	1
cg22258527	BAI1	0.71259	0.170939	1.45337	1.45337	0.712738	1.09948	1.09948	0.762927	1.08067	1.08067	0.666015	0.901021	-1.10985	0.738834	1.09335	1.09335	0.167956	1.45769	1.45769	0.195568	1.42053	1.42053	0.779975	1.07446	1.07446	0.765279	1.07981	1.07981	0.679047	0.70729	0.925861	1
cg15639732	FBXL18	0.71268	0.248093	1.48474	1.48474	0.981973	1.07042	1.07042	0.431501	1.30057	1.30057	0.730762	0.893087	-1.11971	0.73137	1.00003	-1.10007	0.660555	0.86771	-1.15246	0.396469	0.75259	-1.32874	0.502483	1.24954	1.24954	0.21615	1.53122	1.53122	0.679034	1.15232	1.50844	1
cg07948421	TMEM178;TMEM178	0.71621	0.403579	0.616281	-1.62264	0.996749	1.00231	1.00231	0.904417	1.0704	1.0704	0.777896	1.17368	1.17368	0.836824	1.12389	1.12389	0.250097	0.506276	-1.97521	0.955027	0.968566	-1.03245	0.754687	1.19425	1.19425	0.099938	0.360253	-2.77583	0.679029	3.44927	4.5153	1
cg20708332	CDK12;CDK12	0.71653	0.450237	0.603879	-1.65625	0.99744	1.01844	1.01844	0.653265	1.18428	1.06628	0.949542	1.08465	1.08465	0.844044	1.05671	0.33995	2.94071	0.539737	-1.85275	0.271638	0.488016	-2.04911	0.278532	1.18654	1.18654	0.383246	0.571139	-1.75089	0.679984	4.22015	5.62478	1
cg02356647	PTPRN2;PTPRN2;PTPRN2	0.71654	0.860236	1.08901	1.08901	0.227966	1.84665	1.84665	0.680504	1.22181	1.22181	0.697414	1.2081	1.2081	0.309076	0.601507	-1.66249	0.584944	1.30642	1.30642	0.553794	0.750735	-1.33202	0.413613	1.49839	1.49839	0.378309	0.645744	-1.5486	0.678978	2.5174	3.29567	1
cg04702065	TTBK2;TTBK2	0.71655	0.292264	1.32444	1.32444	0.591487	1.27217	1.27217	0.912694	1.04795	1.04795	0.845812	0.917127	-1.09036	0.275861	1.65478	1.65478	0.285982	1.63641	1.63641	?	?	0.42616	1.43485	1.43485	0.134417	2.04867	2.04867	0.663141	1.84319	2.77949	1
cg07731146	IKZF5;IKZF5;ACAD5B	0.71673	0.447076	0.788482	-1.26826	0.377447	0.7575	0.7575	0.32013	0.617787	1.16681	1.16681	0.791018	1.08485	1.08485	0.880976	0.955091	1.04702	0.508312	0.814003	-1.2285	0.581501	0.843054	-1.18616	0.131295	1.64809	1.64809	0.945441	1.02121	1.02121	0.678956	1.01129	1.33298	1
cg09651315	ANAPC1	0.71674	0.600999	1.14522	1.14522	0.491946	1.19646	1.19646	0.127402	1.52743	1.52743	0.393961	1.25155	1.25155	0.371463	1.26594	1.26594	0.904701	1.03126	1.03126	0.410824	0.805637	-1.24125	0.526633	1.17923	1.17923	0.485107	1.19997	1.19997	0.678955	0.7101	0.929664	1
cg02830467	MYCT1	0.71674	0.54144	1.82037	-1.21896	0.563311	0.929317	-1.2058	0.145397	0.606059	-1.65	0.559574	0.795543	-1.25719	0.254657	0.6832	-1.4637	0.794781	0.895993	-1.11125	0.668328	1.14804	1.14804	0.255789	0.683874	-1.46226	0.678955	1.10323	1.44435	1
cg19410640	ZNF613;ZNF613	0.71674	0.587705	0.779836	-1.28232	0.926104	0.958696	-1.04308	0.772351	1.14085	1.14085	0.335046	0.636602	-1.57084	0.278831	1.6678	1.6678	0.730735	1.16992	1.16992	0.560602	0.765433	-1.30645	0.186137	0.529007	-1.89034	0.511916	0.739206	-1.3528	0.678955	2.21904	2.90517	1
cg26395193	HCCA2;DUSP8	0.71675	0.940015	0.977422	-1.02942	0.709096	0.86556	-1.15532	0.386987	0.74818	1.40819	0.438278	1.35607	1.35607	0.440458	0.738535	-1.35403	0.392559	0.731591	-1.40136	0.161973	0.562544	-1.77764	0.367731	1.12087	1.12087	0.878383	1.06077	1.06077	0.678953	1.59604	2.08954	1
cg20866509	KCTD5	0.71954	0.883065	-1.13242	0.157936	0.593593	-1.68466	0.52784	0.800021	1.25251	1.25251	0.154005	0.719227	-1.38903	0.874437	0.994017	-1.00606	0.349608	0.712545	-1.40325	0.211726	1.39387	0.783498	0.911783	-1.09776	0.498398	1.4198	1.4198	0.547631	0.810689	-1.23352	0.839138	0.719175	1.6747	1
cg27512631	PCNP	0.71269	0.166343	0.587281	-1.70276	0.5310349	1.25714	1.25714	0.808839	1.09135	1.09135	0.97721	1.01036	1.01036	0.212209	0.622566	-1.60626	0.793488	1.09924	1.09924	0.665823	1.16965	1.16965	0.529824	1.25802	1.25802	0.71118	1.14354	1.14354	0.678931	1.39859	1.83109	1
cg08607729	LCMT1;LCMT1	0.71715	0.5196	1.53317	1.53317	0.443076	1.3984	1.3984	0.966286	0.992032	-1.0183	0.915646	1.00262	1.00262	0.955567	1.05174	0.314284	3.07933	1.56269	-1.0241	0.354738	0.640549	1.02633	0.254738	1.64549	1.64549	0.614426	1.24347	1.24347	0.67886	1.9786	2.59061	1
cg09833701	TNNT3;TNNT3;TNNT3;TNNT3	0.71722	0.879719	1.08004	1.08004	0.104755	2.46336	2.46336	0.949486	1.03374	1.03374	0.692597	1.2239	1.2239	0.585263	0.755631	-1.3234	0.624596	1.28502	1.28502	0.342204	1.64479	1.64479	0.896989	0.93626	-1.06808	0.436088	0.667636	-1.49782	0.678887	2.77994	3.63987	1
cg13044475	THSD1;THSD1	0.71728	0.971282	0.9486	1.05409	0.937307	0.678515	-1.47381	0.581284	0.935638	1.06879	0.808577	1.03455	1.03455	0.812265	0.904264	-1.10577	0.788011	0.907536	-1.10231	0.702231	-1.42406	0.754541	-1.32531	0.807314	1.23878	1.06068	0.942393	1.06068	0.678929	1.16993	1.53	1
cg24800880	ANK1	0.71741	0.938472	1.04163	1.04163	0.962021	1.02548	1.02548	0.817389	0.884972	-1.12998	0.629635	1.29269	1.29269	0.268453	0.543912	1.83853	2.999391	1.566531	-1.76513	0.23989	1.91586	1.91586	0.709777	1.21836	1.21836	0.397702	1.58013	1.58013	0.678886	3.00113	3.92964	1
cg20298193	RNF145	0.71763	0.341067	1.60715	1.60715	0.497786	0.716861	-1.39497	0.471296	0.42531	1.42531	0.129662	2.073	2.073	0.98597	1.00854	1.00854	0.870539	1.08207	1.08207	0.457473	0.693552	-1.44185	0.759571	1.16004	1.16004	0.791848	0.879929	-1.13646	0.678828	2.51451	3.29261	1
cg21576486	LPCAT1	0.71768	0.397966	1.53713	1.32273	0.545408	0.826595	-1.2651	0.142354	0.662573	-1.5107	0.268045	0.688769	-1.45187	0.372288	0.944055	-1.05993	0.66306	0.867899	-1.15224	0.772806	0.93169	-1.07307	0.457286	1.31623	1.31623	0.635241	1.167	0.97822	1.12289	1.47058	1
cg18497748	ZNF385D	0.71777	0.905186	0.935083	-1.06942	0.218259	0.07398	0.07398	0.268979	1.91263	1.91263	0.50749	1.46045	1.46045	0.280158	0.531335	-1.88205	0.76528	1.18371	1.18371	0.37402	1.02044	1.02044	0.389914	1.64258	1.64258	0.848243	0.897707	-1.11395	0.678809	3.41106	4.46673	1
cg17078686	ST3GAL1;ST3GAL1	0.71787	0.329827	1.67067	1.21067	0.508483	0.98	1.1948	0.527313	1.20503	1.20503	0.814374	1.13158	1.13158	0.527304	1.25434	1.25434	0.197552	1.57562	1.57562	0.160293	0.560254	-1.78444	0.367731	1.28287	1.28287	0.878878	1.19132	1.19132	0.67884	1.21662	1.58878	1
cg20708591	MTM1	0.71808	0.332603	1.381164	-2.62355	0.964909	0.958434	-1.04337	0.851499	1.18924	1.19824	0.122465	0.5288	0.5288	0.510159	1.79225	1.79225	0.397845	1.43706	-2.30571	0.870835	1.17003	1.17003	0.800828	1.27627	1.27627	0.626148	1.60604	1.60604	0.678765	10.011	13.1101	1
cg14383238	TMEM63C	0.71812	0.975172	0.992458	-1.0076	0.354425	1.2608	1.2608	0.998292	1.00358	1.00358	0.144604	0.683061	-1.464	0.572424	0.870442	-1.14884	0.327984	0.782225	-1.27841	0.457225	0.8318	-1.20221	0.398894	0.810512	-1.23379	0.829068	0.948765	-1.054	0.678732	0.636078	0.833028	1
cg13725590	DUSP2	0.71812	0.352272	1.5	1.5	0.443076	1.3984	1.3984	0.966286	0.992032	-1.0183	0.915646	1.00262	1.00262	0.955567	1.05174	0.314284	3.07933	1.56269	-1.0241	0.354738	0.640549	1.02633	0.254738	1.64549	1.64549	0.614426	1.24347	1.24347	0.67886	1.9786	2.59061	1
cg21852461	TP53INP1;TP53INP1	0.71861	0.815421	0.901529	-1.10923	0.282403	0.164709	1.64079	0.207649	1.8022	1.8022	0.586906	0.784165	-1.27532	0.439633	0.705106	-1.41823	0.386207	0.674499	-1.48258	0.884215	0.937444	-1.06673	0.592167	0.786848	-1.27089	0.714507	0.849701	-1.17688	0.678691	2.1124	2.76663	1
cg25360982	RAB36	0.71862	0.828005	1.08265	1.08265	0.137307	0.678515	-1.47381	0.581284	0.935638	1.06879	0.808577	1.03455	1.03455	0.812265	0.904264	-1.10577	0.788011	0.907536	-1.10231	0.702231	-1.42406	0.754541	-1.32531	0.807314	1.23878	1.06068	0.942393	1.06068	0.678878	1.16066	1.53092	1
cg24241816	NCRNA00174	0.71887	0.855307	1.07103	1.07103	0.904524	0.955894	-1.04614	0.634113	0.835069	-1.19751	0.151678	1.78141	1.78141	0.572185	0.806897	-1.23932	0.332417	1.686688	-1.45627	0.814543	0.915458	-1.09235	0.303491	1.49278	1.49278	0.905548	0.956359	-1.04563	0.67864	1.51881	1.98935	1
cg07559420	MYST4	0.71898	0.219779	1.387791	-2.57871	0.125385	0.29591	-1.37941	0.768032	0.804818	-1.24252	0.697593	0.750762	-1.33198	0.598596	0.670766	-1.47696	0.29203	0.448162	-2.23134	0.70851	1.31747	1.31747	0.93364	0.940693	-1.06305	0.762975	1.24863	1.24863	0.678638	5.79283	7.58753	1
cg13582226	EIF2C2;EIF2C2	0.71901	0.188795	1.62877	1.62877	0.613979	0.643137	-1.55124	0.924541	1.08232	1.08232	0.914185	0.98577	0.98577	0.911285	1.01465	1.01465	0.384707	1.47139	1.47139	0.267434	0.845445	-1.18281	0.715551	0.860868	-1.16189	0.897768	0.939404	-1.06445	0.678634	1.36744	3.44426	1
cg01158574	NTSR2	0.71904	0.191939	3.47063	3.47063	0.629526	1.55668	1.55668	0.843888	1.19436	1.19436	0.886392	1.13744	1.13744	0.7255	0.72792	-1.37378	0.834751	0.828464	-1.20705	0.900297	1.11953	1.11953	0.265697	2.84293	2.84293	0.136625	4.24006	4.24006	0.678629	8.72213	11.2405	1
cg18138147	MAPRE2;MAPRE2	0.71906	0.474536	0.800662	-1.24939	0.705629	0.90562	1.06362	0.784387	0.876736	1.14095	0.657355	1.04454	1.04454	0.687878	0.95626	-1.04572	0.742906	0.822716	-1.21596	0.563472	0.7203	-1.38849	0.511731	1.12844	1.12844	0.886274	0.979119	-1.0308	0.64431	1.28294	0.855333	0.55353	1
cg08135965	TOMM6;TOMM6	0.71925	0.700236	0.803113	-1.24484	0.54042	1.42029	1.42029	0.330646	1.76523	1.76523	0.804789	1.14839	1.14839	0.767434	0.845445	-1.18281	0.759711	0.840569	-1.18967	0.222772	2.06535	2.06535	0.349065	1.72588	1.72588	0.188316	2.20156	2.20156	0.678585	3.44449	4.51199	1
cg25202270	LOC102272228;CXorf40B	0.71294	0.217363	0.241075	-4.14809	0.710261	0.664274	-1.5054	0.365206	0.360642	-2.77284	0.561761	1.90235	1.90235	0.491926	2.1493	2.1493	0.216232	0.240144	-4.16416	0.818441	1.28666	1.28666	0.89367	1.15788	1.15788	0.575184	0.537574	-1.86021	0.678579	12.9139	16.9162	1
cg19236482	RPTOR;RPTOR	0.71925	0.453813	1.37966	1.14554	0.873949	0.90562	1.06362	0.784387	0.876736	1.14095	0.657355	1.04454	1.04454	0.687878	0.95626	-1.04572	0.742906	0.822716	-1.21596	0.563472	0.7203	-1.38849	0.511731	1.12844	1.12844	0.886274	0.979119	-1.0308	0.64431	1.28294	0.855333	0.55353	1
cg21796716	NPHP4	0.71978	0.914541	1.04582	1.04582	0.202643	1.75297	1.75297	0.81288	0.904511	-1.10557	0.884272	1.06267	1.06267	0.191239	2.02502	2.02502	0.522474	1.31062	1.31062	0.49053	1.33945	1.33945	0.413585	1.41738	1.41738	0.728919	0.86486	-1.15626	0.678525	1.87149	2.45171	1
cg25698740	13-Sep	0.71996	0.70366	1.14299	1.14299	0.503277	0.838244	1.19293	0.703	1.13244	1.13244	0.77093	1.03993	1.03993	0.991469	1.02009	-1.02009	?	?	0.278424	3.62843	2.62843	0.381442	2.61559	2.61558	0.313713	0.883008	0.945962	1.12289	0.678522	1.12289	1.47058	1
cg02126249	TSPY4	0.71997	0.328293	1.36822	1.36822	0.595262	1.90652	1.90652	0.330229	0.298428	-1.35089	?	?	?	0.274843	0.254776	-3.92502	0.543096	2.09772	2.09772	0.493259	2.31038	2.31038	0.851059	1.25386	1.25386	0.905577	0.869912	-1.15352	0.662652	1.51528	20.3919	1
cg26168249	ZFYVE20	0.71998	0.648464	0.910291	-1.09855	0.312521	0.807407	-1.23853	0.921976	1.02819	1.02819	0.926039	0.942175	1.0497	1.01497	0.814202	0.955443	1.04561	0.769655	0.941649	-1.06197	0.823895	1.21382	0.703005	0.970221	-1.03068	0.923895	1.23199	1.23199	0.678459	0.450578	0.619123	1
cg00606826	PRKCZ;PRKCZ;PRKCZ	0.71999	0.157827	1.76446	1.44932	0.691002	0.906486	-1.10316	0.781658	1.07066	1.07066	0.976403	0.992758	1.00279	0.457543	0.830153	-1.20431	0.887199	0.963858	-1.0375	0.224907	1.36784	1.36784	0.383471	1.24558	1.24558	0.704565	1.08508	1.08508	0.678436	0.682383	0.850091	1
cg21456212	ATP11A;ATP11A	0.72000	0.821774	0.907363	-1.10209	0.753233	2.34706	2.34706	0.932146	1.03737	1.03737	0.71095	0.85182	-1.17396	0.658478	0.825586	-1.21126	0.627128	1.23481	1.23481	0.386065	1.46646	1.46646	0.916685	0.955916	-1.04612	0.828872	0.910951	-1.09775	0.67842	1.99464	2.61345	1
cg20794432	SHISL81	0.72003	0.63427	1.094601	1.094601	0.1127	0.88238	1.13348	0.914004	1.49094	0.997703	1.00265	1.00265	1.00265	0.644136	0.83705	-1.1414	0.840204	0.779452	0.994293	0.946292	-1.18163	0.844798	1.206	1.206	0.656943	0.901951	1.08487	1.08487	0.678427	0.580247	0.760942	1
cg03913278	FAM56D;USP17L2	0.72122	0.66627	1.20267	1.20267	0.195409	0.558547	-1.79036	0.762276	1.13773	1.13773	0.49376	0.714229	-1.40011	0.318127	1.55096	1.55096	0.759009	0.877327	-1.13983	0.649821	0.744131	-1.34385	0.445826	0.718541	-1.39171	0.59808	1.2539	1.2539	0.678322	0.94339	1.23466	1
cg04599631	HPSE;HPSE;HPSE;HPSE;HPSE	0.72131	0.553449	1.30427	1.30427	0.97805	0.954889	-1.01226	0.10478	2.19088	2.19088	0.525558	1.32962	1.32962	0.567221	1.2668	1.2668	0.246423	0.912336	-1.09609	0.371679	1.18607	1.18607	0.326796	1.02724	1.02724	0.965574	1.04007	1.04007	0.678298	0.371824	0.487265	1
cg22410568	C5orf176;C5orf176	0.72142	0.887527	1.09118	1.09118	0.940345	1.04723	1.04723	0.54601	0.886149	-1.45741	0.909321	0.932159	-1.07278	0.194973	0.429445	-2.32859	0.848116	0.888496	-1.1255	0.250094	0.476595	-2.09822	0.41714	1.66744	1.66744	0.374273	1.75476	1.75476	0.678294	4.08425	5.35232	1
cg15781625	UCK2	0.72143	0.145425	0.664	0.664	0.152739	0.731566	0.7951	0.49442	0.674825	0.674825	1.2011	0.867309	1.01225	0.984243	0.790493	-1.02533	0.656106	1.1283	1.1283	0.684241	0.977102	0.977102	0.984009	0.981522	1.01885	0.731592	0.729655	1.02172	1.02172	0.678293	0.64449	0.82172	1
cg15900979	RAB19	0.72146	0.610345	0.75646	-1.32195	0.597585	0.748782	-1.3355	0.228211	0.50315	-1.98748	0.276021	0.540434	-1.85036	0.803025	1.14537	1.14537	0.574165	1.36118	1.36118	0.651721	0.781323	-1.27988	0.789063	1.15676	1.15676	0.285938	1.8255	1.8255	0.678289	3.16843	4.15219	1
cg04278105	INF2;INF2;INF2	0.72151	0.906552	0.954964	-1.04734	0.437949	0.733101	-1.36407	0.585971	0.805879	-1.24088	0.857576	1.05183	1.05183	0.446302	1.35564	1.35564	0.955218	1.02228	1.02228	0.312894	1.50621	1.50621	0.305201	1.53485	1.53485	0.19563	1.71095	1.71095	0.678281	1.65414	2.01775	1
cg16698522	FLJ39653;FLJ39653	0.72156	0.998122	0.999299	-1.0007	0.258035	0.703919	-1.42062	0.194285	0.660849	-1.51602	0.921127	0.970909	-1.02996	0.847508	0.944228	-1.05907	0.858765	1.05453	1.05453	0.433983	1.26868	1.26868	0.962381	1.01416	1.01416	0.213673	0.676843	-1.47546	0.678269	0.954521	1.25093	1
cg21202136	GLOC	0.72162	0.823171	0.961073	-1.0405	0.253808	1.23541	1.23541	0.46823	1.13988	1.13988	0.98993	0.997764	-1.00224	0.319694	0.833255	-1.20011	0.435727	0.868433	-1.1515	0.385695	1.17088	1.17088	0.524847	0.891979	-1.1211	0.613893	0.913705	-1.09445	0.678266	0.338048	0.443023	1
cg18484169	CHMP1B;GNAL;GNAL;GNAL	0.72167	0.942911	1.06084	1.06084	0.127472	0.92402	1.08248	0.811405	1.23045	1.23045	0.641511	1.36984	1.36984	0.333233	1.33233	1.33233	0.291005	0.768476	0.944348	-1.06207	0.823895	1.21382	0.703005	0.970221	-1.03068	0.923895	1.23199	1.23199	0.678249	0.450578	0.619123	1
cg18268948	MAD1L1;MAD1L1;MAD1L1	0.71374	0.213203	0.375346	-2.66421	0.90701	0.09128	0.09128	0.93609	0.956704	-1.04525	0.930414	1.03422	1.03422	0.504394	1.25348	1.25348	0.527227	0.626863	-1.59524	0.421184	0.540104	-1.84828	0.411591	0.533873	-1.87311	0.465495	0.573949	-1.74231	0.678248	0.60239	0.786653	1
cg01585293	SLC22A23	0.71375	0.642233	0.800153	-1.25034	0.81596	1.18344	1.18344	0.75796	0.845489	-1.18275	0.742826	0.881973	1.13392	0.341596	1.33392	1.33392	0.583706	0.743307	0.774735	1.29107	0.743307	0.743307	0.743307	0.806178	-1.24042	0.807355	0.839511	1.09411	0.914411	0.242952	1.28359	0.678243	0.609475	1.28359	1.67893	1
cg07780118	AR	0.71384	0.421098	0.516786	-1.93504	0.412362	0.510086	-1.96045	0.762599	0.784014	-1.27549	0.736662	1.31138	1.31138	0.48862	1.75955	1.75955	0.331128	0.431549	-2.31723	0.467557	0.552274	-1.81069	0.818525	0.831445	-1.20272	0.235241	1.71606	2.71606	0.678235	0.92955	0.98181	1
cg20962297	ZNF333	0.71392	0.834492	1.08886	1.08886	0.725972	0.15393	0.15393	0.494252	0.754082	-1.32612	0.207726	1.76188	1.76188	0.393924	1.42662	1.42662	0.183563	0.563221	-1.7755	0.985638	1.00735	1.00735	0.890147	1.05784	1.05784	0.942552	0.971102	-1.02976	0.678223	1.7783	2.33066	1
cg19340185	PRDM16;PRDM16	0.71393	0.729822	1.37045	1.37045	0.732356	0.721166	1.38561	0.42542	0.674642	1.48256	0.69211	1.00211	1.00211	0.664906	1.26207	1.26207	0.361882	0.742332	1.34687	0.368147	0.753352	1.32757	0.424059	0.863258	-1.15762	0.211714	1.37194	1.37194	0.678187	1.33099	1.63099	0.76222	1.98272	1.37213	1
cg16629158	TFCP2L1	0.71396	0.70072	0.912601	-1.09577	0.388222	1.2324	1.2324	0.722705	0.919085	-1.08804	0.334951	1.26551	1.26551	0.213611	0.73335	-1.36361	0.571227	1.1451	1.1451	0.65631	0.899363	-1.1119	0.818627	0.947058	-1.0559	0.370903	1.24307	1.24307	0.678217	0.6024	0.789522	1
cg09835641	C7orf57	0.71399	0.957579	0.964564	-1.03674	0.63163	0.777352	1.2866	0.2426	0.228812	2.3978	2.3978	0.822579	1.02027	0.224768	1.36729	1.36729	0.962623	1.03856	1.03856	0.623782	0.798299	0.984263	-1.0456	0.923902	1.08268	1.08268	0.342782	1.22406	1.22406	0.678213	0.457599	0.609718	1
cg17298510	LRFN2	0.71326	0.324361	1.86219	1.86219	0.552821	1.44311	1.44311	0.865822	1.10883	1.10883	0.928623	1.05626	1.05626	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	Fold-Change(2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12876537	STK32C	0.713816	0.649448	0.827479	-1.15277	0.474813	1.25325	2.35325	0.153385	0.622303	-1.66004	0.709226	0.880144	-1.12341	0.218959	0.687174	-1.46689	0.936619	0.973309	-1.02742	0.506886	1.23269	1.23269	0.572942	0.838202	-1.17544	0.677342	1.0354	1.35878	
cg08631137	RASSF3	0.713835	0.774292	1.09344	1.09344	0.902448	0.962633	-1.03882	0.160408	0.62729	-1.59416	0.570491	0.836836	-1.19498	0.175558	0.639223	-1.5644	0.737831	0.900892	-1.11001	0.35517	0.744158	-1.3438	0.600132	1.17861	1.17861	0.939847	1.02372	1.02372	0.673155	0.03541	1.35885	
cg19758758	RPS27	0.713836	0.967467	0.988344	-1.01179	0.610236	1.15926	1.15926	0.683829	1.1249	1.1249	0.896822	0.963392	-1.038	0.174255	1.51507	1.51507	0.391079	1.28738	1.28738	0.24088	0.702623	-1.42324	0.677445	1.12777	1.12777	0.415049	1.27059	1.27059	0.677314	0.886408	1.1633	1
cg26441264	JRK;JRK	0.713851	0.689227	0.856048	-1.16834	0.61422	0.821604	-1.21717	0.424477	1.37073	1.37073	0.175682	1.74487	1.74487	0.769872	0.802795	-1.21009	0.326617	0.676017	-1.47925	0.505413	0.770081	-1.29857	0.952563	0.977263	-1.02327	0.471453	0.753373	-1.32736	0.727293	1.60327	2.10416	
cg03821987	CBorf51;RHPN1	0.713855	0.341293	0.756554	-1.32178	0.934661	1.02185	1.02185	0.298567	1.35873	1.35873	0.76703	1.0882	1.0882	0.962594	1.01343	1.01343	0.893854	1.03871	1.03871	0.787403	0.925980	-1.07993	0.275595	1.38083	1.38083	0.178952	1.50111	1.50111	0.677287	0.868248	1.13951	1
cg09487733	WASF1;WASF1;WASF1;WASF1;CDC40	0.713873	0.832389	0.8453	-1.18301	0.124637	1.73727	1.73727	0.267998	2.4967	2.4967	0.715047	1.33745	1.33745	0.312721	0.640157	2.27006	0.941066	0.943054	-1.06039	0.757081	1.27895	1.27895	0.938469	1.06314	1.06314	0.912714	1.09084	1.09084	0.677262	0.74517	0.85287	1
cg09509327	RDPN1L	0.713878	0.420375	0.862623	-1.15926	0.93972	1.01367	1.01367	0.960894	1.00884	1.00884	0.858411	0.968453	-1.03257	0.183544	1.28826	1.28826	0.731034	0.939936	-1.0639	0.652503	0.921855	-1.08477	0.156552	0.761823	-1.31264	0.835569	0.963377	-1.03802	0.677254	0.345646	0.453656	1
cg07243796	NARP1	0.713879	0.756139	1.17996	1.17996	0.579236	0.758022	-1.31922	0.183785	0.609986	-1.65567	0.958499	1.03848	1.03848	0.328405	0.606278	-1.64932	0.697508	0.82602	-1.21062	0.915021	0.949636	-1.05304	0.938858	0.9831	0.9831	0.48403	1.41627	1.41627	0.677253	0.256948	0.3711	1
cg08320746	ENOX1;ENOX1	0.713884	0.567827	0.860893	-1.16158	0.730874	0.914324	-1.0937	0.843388	0.949966	-1.05267	0.390218	0.795807	-1.25659	0.934784	1.02146	1.02146	0.860026	0.957043	-1.04478	0.560787	0.815868	1.11013	1.11013	0.96375	1.01186	1.01186	0.677284	0.721816	0.947386	1
cg13517138	DLGAP5;DLGAP5;DLGAP5;DLGAP5	0.713892	0.396891	2.54733	2.54733	0.912278	0.888379	-1.12565	0.787953	1.33593	1.33593	?	?	?	?	?	?	0.932377	0.912883	-1.09543	0.115101	0.4497	0.4497	0.929745	0.90964	-1.09934	0.680949	0.646979	-1.54565	0.641369	8.92042	13.9084	1
cg11903057	RHOH;RHOH	0.713904	0.882587	0.959161	-1.07329	0.624966	1.48288	1.48288	0.820736	1.21845	1.21845	0.659746	1.288	1.288	0.063542	1.303712	-1.29259	0.604468	0.74193	-1.34784	0.974709	0.980054	-1.01827	0.790764	0.980054	-1.01827	0.790764	0.980054	-1.01827	0.677218	3.49989	4.59381	1
cg00112685	ELAVL3;ELAVL3	0.713914	0.926659	0.960846	-1.04075	0.328017	1.54961	1.54961	0.976898	1.01264	1.01264	0.714833	1.172557	1.17257	0.363	0.666583	-1.50019	0.172953	0.533045	-1.87601	0.411783	0.549377	1.3071	1.3071	0.672703	0.672703	0.21858	2.64956	1
cg05399823	ZBTB17	0.713915	0.929236	0.967585	-1.03139	0.133781	0.549878	-1.81859	0.161183	0.575534	-1.73752	0.702026	1.15277	1.15277	0.893454	0.951651	-1.05081	0.839493	1.08251	1.08251	0.975592	0.988754	-1.01138	0.561319	1.24261	1.24261	0.784622	0.903648	-1.10663	0.677203	1.46695	1.9255	1
cg04107939	PLD1;PLD1	0.713915	0.856022	1.07734	1.07734	0.763276	1.1325	1.1325	0.720067	1.15904	1.15904	0.984719	1.00789	1.00789	0.692856	1.17683	1.17683	0.505516	1.31929	1.31929	0.0564819	2.42454	2.42454	0.41206	1.44056	1.44056	0.380651	1.44603	1.44603	0.677203	1.80417	2.36814	1
cg18699112	B3GNTL1	0.713944	0.557366	0.646337	-1.54718	0.317953	0.468051	-2.13652	0.908608	0.919012	-1.08813	0.623872	1.29836	1.29836	0.929223	1.06752	1.06752	0.721006	1.30177	1.30177	0.372472	0.50997	-1.9609	0.555102	1.55077	1.55077	0.158338	0.33165	0.33165	0.677162	5.80097	7.61475	1
cg07841367	PUM1;PUM1	0.713965	0.674806	0.94569	-1.05743	0.286125	1.15788	1.15788	0.214139	1.1886	1.1886	0.968221	1.00529	1.00529	0.75656	0.959085	-1.04201	0.938404	0.888704	-1.12533	0.923486	0.987368	-1.01279	0.418097	1.13036	1.13036	0.372087	1.12893	1.12893	0.677135	0.187806	0.246636	1
cg00593699	PTDSS2	0.713968	0.658962	1.24696	1.24696	0.350466	1.61211	1.61211	0.46262	1.44997	1.44997	0.465628	1.44624	1.44624	0.365758	0.630175	-1.58686	0.73389	1.18478	1.18478	0.146591	2.16898	2.16898	0.975238	1.01554	1.01554	0.671812	0.809163	-1.23585	0.677127	2.64802	3.47615	1
cg22778180	C12orf47;MAPKAPK5;MAPKAPK5	0.713975	0.546121	1.18877	1.18877	0.301494	1.35397	1.35397	0.262469	1.39201	1.39201	0.829695	1.06287	1.06287	0.736028	1.10052	1.10052	0.713099	1.13106	1.13106	0.618823	0.867636	-1.15256	0.195608	0.678785	-1.47322	0.720716	1.10696	1.10696	0.677118	0.859383	1.12816	1
cg02726225	GNL3;GNL3;GNL3;SNORD69	0.713992	0.398782	1.77092	1.77092	0.386907	1.79811	1.79811	0.171375	2.83577	2.83577	0.380712	1.78857	1.78857	0.754518	1.27055	1.27055	0.152992	2.75232	2.75232	0.59593	1.24081	1.24081	0.55042	1.34088	1.34088	0.397479	0.563745	-1.77385	0.677044	4.69316	6.16118	1
cg07741793	SDF2;SUPSH	0.713998	0.682382	1.09231	1.09231	0.17366	1.3643	1.3643	0.679931	1.09311	1.09311	0.828429	1.04768	1.04768	0.528874	0.872049	-1.14672	0.58116	0.887295	-1.12702	0.370042	0.820743	-1.21841	0.307799	1.25426	1.25426	0.673012	1.09537	1.09537	0.677086	0.493844	0.648326	1
cg24208785	BCOR;BCOR	0.713999	0.854609	0.93718	-1.07139	0.214966	1.08589	1.08589	0.400013	1.26474	1.26474	0.154843	1.28459	1.28459	0.534844	1.13484	1.13484	0.319139	0.872354	-1.14671	0.621595	1.21147	1.21147	0.614761	1.3277	1.3277	0.670784	1.21636	1.21636	0.442164	1.35277	1.62784	1
cg19683675	FGF1;FGF1;FGF1;FGF1	0.714003	0.497081	0.639315	-1.56418	0.440194	1.66655	1.66655	0.467886	1.64188	1.64188	0.67386	0.759839	-1.31607	0.952559	1.02364	1.02364	0.340983	0.705259	-1.41792	0.126364	0.340983	-2.92412	0.539073	1.49705	1.49705	0.999621	0.999692	-1.00001	0.677078	0.453475	0.52687	1
cg00451467	CYLD;CYLD;CYLD	0.714005	0.716025	1.09553	1.09553	0.18187	1.30563	1.30563	0.614754	1.21759	1.21759	0.876984	1.04277	1.04277	0.710172	1.09976	1.09976	0.401934	0.409193	-2.44483	0.0976911	0.4019	0.4019	0.0976911	1.12815	1.12815	0.0976911	0.898316	-1.11339	0.692406	0.660894	-1.51316	0.678973	11.63332	17.1848	1
cg05232016	MRPS27	0.714092	0.101213	0.77677	0.77677	0.7007	1.50126	1.50126	0.656335	1.60202	1.60202	?	?	?	?	?	?	?	?	?	0.774928	1.35187	1.35187	0.954153	0.6623	1.0623	0.861538	1.20147	1.20147	0.616221	7.0386	13.3259	1
cg05160181	C1orf230	0.714106	0.380987	0.860997	-1.16144	0.167453	0.782643	-1.27772	0.343707	0.850052	-1.1764	0.815433	0.961804	-1.03971	0.985865	1.00295	1.00295	0.967936	1.00672	1.00672	0.781392	0.954723	-1.04742	0.153435	0.775727	-1.28911	0.335873	0.847658	-1.17972	0.676934	0.297408	0.39053	1
cg24714147	DNAJB1	0.714111	0.128263	2.30984	2.30984	0.174554	0.519883	3.14714	0.137492	3.18834	3.18834	0.513378	1.35434	1.35434	0.700948	1.20275	1.20275	0.339753	1.54013	1.60113	0.374104	0.54723	-1.82703	0.378307	0.640166	-1.54044	0.620348	1.26984	1.26984	0.676928	2.45371	3.22202	1
cg03211902	MMP15	0.714112	0.719817	0.765016	-1.30716	0.787285	1.22278	1.22278	0.308395	2.19021	2.19021	0.336346	2.09002	2.09002	0.140215	0.307259	-3.25458	0.944323	0.949387	-1.05331	0.575565	0.656625	-1.52294	0.912603	0.921599	-1.08507	0.948845	1.04887	1.04887	0.676913	5.92859	7.78513	1
cg04348310	ARHGAP25;ARHGAP25	0.714124	0.304904	0.777002	-1.2325	0.674283	0.47363	-2.11693	0.862469	1.39201	1.39201	0.829695	1.06287	1.06287	0.736028	1.10052	1.10052	0.738262	0.837591	-1.1933	0.562494	0.719529	-1.39009	0.482882	1.13026	1.13026	0.560139	0.705308	0.705308	0.676908	2.88044	3.79952	1
cg25617092	GRID2	0.714131	0.246637	0.63117	1.63317	0.233252	1.22191	1.22191	0.146043	1.88109	1.88109	0.751688	0.879392	-1.13715	0.565671	1.26505	1.26505	0.368492	0.45352	-1.45352	0.721724	0.865199	-1.1558	0.340554	0.48836	1.48836	0.330674	0.516041	1.31601	1.31601	0.676897	1.75745	2.30785	1
cg17309003	C14orf166B	0.714134	0.291969	0.530618	-1.8846	0.665763	0.777333	-1.28645	0.695365	1.25619	1.25619	0.26357	1.96497	1.96497	0.736161	0.822011	-1.21653	0.285856	0.526021	-1.90106	0.835118	1.1284	1.1284	0.297755	0.534935	-1.86939	0.816145	0.873729	-1.14452	0.676893	3.60114	4.72898	1
cg16443841	EXOC2	0.714135	0.204228	0.7702	1.2985	0.47586	0.412554	-2.42424	0.75185	1.34254	1.34254	0.75187	1.37913	1.37913	0.707446	1.14239	1.14239	0.353923	0.377131	-2.65119	0.373877	0.686401	-1.45053	0.833888	0.860761	-1.23952	0.417265	0.42843	-2.3341	0.676892	11.208	14.7183	1
ch.10.29882241	TUBGCP2	0.714142	0.111241	0.317252	-3.15207	0.310038	0.499016	-2.00394	0.653457	0.74152	-1.34858	0.16715	0.377381	-2.64984	0.374024	0.546713	-1.82911	0.697039	0.771903	-1.2955	0.841361	0.875804	-1.14181	0.616324	0.715836	-1.39697	0.847834	0.880629	-1.13555	0.676883	1.69434	6.16465	1
cg26409237	SLC2A9	0.714144	0.271071	0.619172	-1.61529	0.473824	0.718594	-1.39154	0.556352	0.836868	-1.19497	0.644193	0.732875	-1.36476	0.228376	0.300197	-3.33126	0.680633	0.860992	-1.16202	0.703272	0.81659	-1.22479	0.525134	0.910159	-1.09883	0.691137	0.678397	-1.47436	0.676838	0.980204	1.20765	1
cg20516161	NUP50;NUP50	0.714176	0.643895	0.926646	-1.07916	0.781678	0.95555	-1.04652	0.732025	0.945297	-1.05787	0.632227	1.08211	1.08211	0.394045	1.15359	1.15359	0.652876	1.07691	1.07691	0.331048	1.17838	1.17838	0.900063	0.979648	-1.02077	0.104502	1.33699	1.33699	0.676835	0.287129	0.377087	1
cg23272305	EPS15L1	0.714177	0.732991	0.916911	-1.09062	0.127108	1.51886	1.51886	0.58271	0.869714	-1.1498	0.434681	0.817162	-1.22375	0.508532	0.84375	-1.18518	0.767573	0.926771	-1.07797	0.653838	1.12114	1.12114	0.580372	1.15195	1.15195	0.565611	1.15849	1.15849	0.676833	0.687976	0.903391	1
cg21308011	LOC731779	0.714211	0.38486	1.64969	1.64969	0.19893	1.00523	-1.00523	0.895928	1.08958	1.08958	0.761987	1.09112	1.09112	0.674798	1.02357	1.02357	0.698814	1.80169	1.80169	0.0869655	1.77533	1.77533	0.0869655	1.71638	1.71638	0.898202	0.962745	-1.0387	0.676786	0.943177	1.23877	1
cg24422797	RAB40B	0.714213	0.384445	0.68468	-1.46054	0.663381	0.829258	-1.2059	0.690838	1.1858	1.1858	0.962907	0.996231	-1.00378	0.503735	0.749592	-1.33406	0.256255	0.604481	-1.65431	0.132641	0.501947	-1.99224	0.301142	0.634393	-1.57631	0.957639	1.02282	1.02282	0.676782	1.93409	2.54025	1
cg21125691	CD6C	0.714215	0.51868	1.92764	1.92764	0.760018	0.980604	-1.0255	0.954826	1.18109	1.18109	0.846344	1.04732	1.04732	0.992687	0.997813	-1.00219	0.559525	1.3229	1.3229	0.176736	0.640855	1.56095	0.0926394	0.719772	1.39367	0.444488	0.72014	1.38914	1.38914	0.676774	0.668605	0.799355	1
cg07479491	BMP6	0.714225	0.834491	1.05443	1.05443	0.399764	0.803854	-1.24401	0.445256	1.21287	1.21287	0.665321	1.11654	1.11654	0.553239	0.852296	-1.1733	0.318573	2.98306	2.98306	0.17814	0.696003	-1.43678	0.803113	0.66532	1.06532	0.990556	1.003	1.003	0.676766	0.687667	0.903207	1
cg12421032	ETV3;ETV3	0.714232	0.357609	0.36753	-2.72087	0.500756	2.0537	2.0537	0.461235	2.20499	2.20499	0.966954	0.957535	-1.04435	?	?	?	0.944323	0.949387	-1.05331	0.575565	0.656625	-1.52294	0.912603	0.921599	-1.08507	0.948845	1.04887	1.04887	0.676913	5.92859	7.78513	1
cg12528980	ARHGAP25;ARHGAP25	0.714238	0.454553	0.805812	-1.24125	0.763217	1.1812	1.1812	0.264755	1.42626	1.42626	0.594954	1.16408	1.16408	0.560773	0.721314	-1.38291	0.773612	0.837591	-1.1933	0.562494	0.719529	-1.39009	0.482882	1.13026	1.13026	0.560139	0.705308	0.705308	0.676744	2.88044	3.79952	1
cg19973121	PFKL;PFKL	0.714248	0.463288	0.655449	-1.52567	0.309008	0.551151	-1.81438	0.57871	1.37353	1.37353	0.765703	1.1846	1.1846	0.109427	0.372469	-2.68478	0.955947	1.03175	1.03175	0.733247	0.824012	-1.21157	0.587397	0.733441	-1.36344	0.428524	0.632958	-1.57988	0.676733	0.43168	0.50751	1
cg10905319	TOP1	0.714249	0.703702	1.14268	1.14268	0.479383	0.59983	-1.66714	0.573982	1.03883	1.03883	?	?	?	?	?	?	0.275273	0.299403	-3.33998	?	?	0.577432	1.80699	1.80699	0.920263	1.11058	1.11058	0.640787	8.24679	11.0312	1
cg24665556	DDR1;DDR1	0.714256	0.573983	1.17441	1.17441	0.556921	1.1831	1.1831	0.646478	0.877481	-1.13963	0.717451	0.902264	-1.10832	0.577354	1.17272	1.17272	0.565513	1.13739	1.13739	0.201453	2.10333	2.10333	0.0869655	1.80987	1.80987	0.734555	0.828963	-1.20613	0.676748	3.25601	4.27667	1
cg19073125	PFKL;PFKL	0.714258	0.463288	0.655449	-1.52567	0.309008	0.551151	-1.81438	0.57871	1.37353	1.37353	0.765703	1.1846	1.1846	0.109427	0.372469	-2.68478	0.955947	1.03175	1.03175	0.733247	0.824012	-1.21157	0.587397	0.733441	-1.36344	0.428524	0.632958	-1.57988	0.676733	0.43168	0.50751	1
cg10065319	TOP1	0.714259	0.703702	1.14268	1.14268	0.479383	0.59983	-1.66714	0.573982	1.03883	1.03883	?	?	?	?	?	?	0.614009	1.15481	1.15481	0.357929	1.30677	1.30677	0.0897307	1.6979	1.6979	0.478903	1.22596	1.22596	0.676722	0.858449	1.12759	1
cg24626556	DDR1;DDR1	0.714262	0.573983	1.17441	1.17441	0.556921	1.1831	1.1831	0.646478	0.877481	-1.13963	0.717451	0.902264	-1.10832	0.577354	1.17272	1.17272	0.565513	1.13739	1.13739	0.201453	2.10333	2.10333	0.0869655	1.80987	1.80987	0.734555	0.828963	-1.20613	0.676748	3.25601	4.27667	1
cg14270293	SH3D19;SH3D19	0.714265	0.653858	0.759063	-1.31755	0.219043	0.407891	-2.45164	0.514284	0.695258	-1.43836	0.627347	1.4226	1.4226	0.515167	0.621562	-1.6089	0.872776	1.1224	1.1224	0.777195	0.815127	-1.2268	0.597149	1.1499	1.1499	0.779865	1.02019	1.02019	0.676737	0.526388	0.70861	1
cg24276592	TMEM20;TMEM20	0.714272	0.920771	1.07072	1.07072	0.439271	0.581694	-1.71912	0.87314	1.116	1.116	0.789278	1.20199	1.20199	0.490242	0.556475	1.79703	0.688623	1.1224	1.1224	0.777195	0.815127	-1.2268	0.597149	1.1499	1.1499	0.779865	1.02019	1.02019	0.676747	0.360672	0.47256	1
cg05640558	LIMK1;LIMK1	0.7143	0.639523	0.90353	-1.10677	0.177731	0.734907	-1.36072	0.883275	0.9689	-1.0321	0.695508	0.918891	-1.08827	0.865285	1.03719	1.03719	0.824842	1.04882	1.04882	0.115623	0.692244	-1.44458	0.837022	1.04529	1.04529	0.662434	1.09907	1.09907	0.676659	0.495615	0.651061	1
cg13114677	CBLN3;RIMKN;CBLN3	0.714341	0.271436	0.619005	1.61569	0.473824	0.718594	-1.39154	0.556352	0.836868	-1.19497	0.644193	0.732875	-1.36476	0.228376	0.300197	-3.33126	0.680633	0.860992	-1.16202	0.703272	0.81659	-1.22479	0.525134	0.910159	-1.09883	0.691137	0.678397	-1.47436	0.676838	0.980204	1.20765	1
cg18739537	NFKBIE	0.714325	0.114478	0.367378	-2.72199	0.58058	1.38477	1.38477	0.606065	0.738276	-1.35451	0.672559	0.780388	-1.28141	0.995987	0.997071	1.00294	0.802804	1.15714	1.15714	0.343845	0.566213	-1.76612	0.608182	0.730986	-1.35205	0.27803	0.517897	-1.93089	0.676624	3.46414	4.78998	1
cg19321018	EPS8	0.714327	0.563378	0.787441	-1.26952	0.720169	0.815916	-1.22562	0.493763	0.675001	-1.48148	0.976516	0.98349	-1.01679	0.207397	0.644149	-2.13103	0.113104	0.377366	-2.64896	0.0976911	0.527964	-1.76062	0.398622	0.613394	-1.63027	0.890219	1.08139	1.08139	0.676621	3.42764	4.50255	1
cg22691028	NCOR2;NCOR2	0.714327	0.40789	0.49789	2.00763	0.327623	1.81245	1.81245	0.230111	2.08371	2.08371	0.21577	2.1614	2.1614	0.439423	1.59053	1.59053	0.24115	0.85804	0.85804	0.932509	1.02062	1.02062	0.329059	1.82337	1.82337	0.797004	1.16381	1.16381	0.676602	3.71122	4.87563	1
cg11906781	BRE;BRE;BRE;BRE;BRE ALKBH2;ALKBH2;ALKBH2;ALKBH2;ALKB	0.714341	0.269282	0.433514	-2.30673	0.192988	0.367549	-2.72073	0.235301	0.405079	-2.46865	0.563271	0.65407	-1.52889	0.563928	0.654548	1.52777	0.512897	0.617475	-1.6195	0.51463	0.330604	-3.02476	0.474904	0.592825	-1.68684	0.510212	0.615524	-1.62463	0.676602	0.56605	0.74066	1
cg01181492	H2	0.714344	0.559149	1.17093	1.17093	0.950084	1.01687	1.01687	0.918167	0.972918	-1.02784	0.122928	1.56284	1.56284	0.297209	1.33472	1.33472	0.56413	1.16855	1.16855	0.356444	0.776163	-1.28839	0.588926	1.15691	1.15691	0.833706	1.05777	1.05777	0.676598	0.764806	1.00477	1
cg17713780	ATP6A2	0.714344	0.903134	1.09503	1.09503	0.0545056	0.54591	1.08591	0.333525	1.09777	1.09777	0.606733	1.47274	1.47274	0.147729	1.25144	1.25144	0.77162	1.22283	1.22283	0.272471	0.726082	1.22283	1.22283	0.972471	1.02606	1.02606	0.676597	0.59581	0.74285	1
cg24045276	NCF2;NCF2	0.714349	0.504081	0.63624	-1.57173	0.132287	0.833548	-1.20546	0.234291	0.435362	-2.29694	0.393823	1.7906	1.7906	0.919936	0.931544	1.06936	0.850883	1.882037	-1.13374	0.842087	0.875429	-1.1423	0.755346	0.81182	-1.2318	0.84792	0.61459	1.62463	0.676539	0.476688	0.626263	1
cg08197448	ZNF378	0.714371	0.372957	0.546847	-1.82867	0.344207	1.90213	1.90213	0.666889	1.33077	1.33077	?	?	?	?	?	?	0.410256	1.74316	1.74316	0.246565	2.22471	2.22471	0.888167	0.911327	-1.0973	0.948487	1.04356	1.04356	0.640941	3.43827	6.13075	1
cg17540624	IRF3;BCL2L12;BCL2L12	0.714438	?	?	?	0.173245	4.79673	4.79673	0.270144	3.62087	3.62087	0.639012	1.588934	1.588934	-1.69798	0.779227	1.37016	1.37016	?	?	?	?	?	?	0.451474	2.36241	2.36241	0.440589	2.41409	2.41409	0.676428	9.91434	17.6785	1
cg09872392	PHKG1	0.714381	0.248602	0.345535	-2.89406	0.261625	0.85313	-1.80513	0.57525	1.64553	1.64553	0.821068	1.22092	1.22092	0.407558	0.474043	-2.10951	0.557836	0.593193	-1.68579	0.612836	0.64231	-1.55688	0.377917	0.450612	-2.2192	0.882145	1.13964	1.13964	0.676545	0.83874	10.9297	1
cg23453420	ESCO1	0.714385	0.436098	0.807013	1.23907	0.497009	0.7	1.42857	0.999999	1.29	1.29	?	1.29	1.29	?	?	?	0.4644	0.771982	-1.29537	0.659078	1.15958	1.15958	0.120795	1.75256	1.75256	0.787405	1.09433	1.09433	0.676529	1.19156	1.56559	1
cg01646516	CYLD;CYLD;CYLD	0.714392	0.608744	0.84184	-1.18787	0.298677	1.43222	1.43222	0.723052	1.12599	1.12599	0.578437	1.20585	1.20585	0.838543	0.934226	-1.0704	0.446444	0.771982	-1.29537	0.659078	1.15958	1.15958	0.120795	1.75256	1.75256	0.787405	1.09433	1.09433	0.676529	1.19156	1.56559	1
cg08395784	PCGF3	0.714419	0.458364	2.74068	2.74068	0.939342	1.106196	1.10696	0.649172	1.84321	1.84321	0.679326	0.57406	-1.74198	0.248408	5.00788	5.00788	0.380961	0.301235	-3.31967	0.263283	0.210742	-4.74515	0.413375	1.97442	1.97442	0.543447	2.73515	2.73515	0.676491	19.1005	25.0975	1
cg19421044	D

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change|1047 vs. N)	p-value|105T vs. N)	Fold-Change|105T vs. N)	p-value|111T 057 vs. N)	Fold-Change|111T vs. N)	p-value|1117 vs. N)	Fold-Change|1117 vs. N)	p-value|1127 vs. N)	Fold-Change|1127 vs. N)	p-value|1217 vs. N)	Fold-Change|1217 vs. N)	p-value|1221 vs. Change|1221 vs. N)	Fold-Change|1221 vs. N)	p-value|1477 vs. N)	Fold-Change|1477 vs. N)	p-value|1477 vs. N)	Fold-Change|1477 vs. N)	p-value|1537 vs. N)	Fold-Change|1537 vs. N)	p-value|5377 vs. N)	Fold-Change|5377 vs. N)	p-value|5637 vs. N)	Fold-Change|5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg27236944	ELAVL3;ELAVL3	0.715075	0.378164	1.60393	1.60393	0.20814	2.00053	0.58422	1.33475	1.33475	0.899407	1.06831	1.06831	0.716749	1.20971	1.20971	1.20971	1.20971	0.684919	1.23757	1.23757	0.334151	1.68283	1.68283	0.125493	2.37831	2.37831	0.271757	1.81808	1.81808	0.675566	2.92115	3.84356	1
cg19593255	DAZAP1;DAZAP1	0.715079	0.184874	1.54375	1.54375	0.784142	1.08848	1.08848	0.689665	1.13195	1.13195	0.383356	1.31788	1.31788	0.873418	1.05046	1.05046	1.05046	0.817021	0.930935	1.07419	0.685356	1.13403	1.13403	0.115566	1.69593	1.69593	0.342721	1.35235	1.35235	0.575559	1.02015	1.34229	1
cg26720404	KCTD16	0.715111	0.721558	1.03923	1.03923	0.792798	0.972091	-1.02871	0.305608	0.892207	-1.12082	0.52496	1.07172	1.07172	0.571847	0.940423	-1.06335	1.06335	0.188928	1.16143	1.16143	0.922798	0.988632	-1.01048	0.298807	1.12276	1.12276	0.813769	0.974946	-1.0257	0.675516	0.123684	0.162752	1
cg06534576	FEZ2;FEZ2	0.715113	0.384874	15.7862	15.7862	0.519949	1.07857	1.07857	0.638727	1.232121	4.30809	1.281915	0.0311056	-32.1485	0.885554	1.55951	1.55951	1.55951	?	?	?	0.412744	13.3611	13.3611	0.347421	0.0498754	-20.05	0.984488	1.06182	1.06182	0.658927	86.4378	114.782	1
cg02889774	KCNQ3;KCNQ3	0.715182	0.727008	0.843342	-1.18576	0.505036	1.38933	1.38933	0.541373	0.740405	-1.35061	0.465274	0.696798	-1.43514	0.161116	0.483066	-2.07011	0.38008	0.380408	0.645716	-1.54867	0.890877	1.06901	1.06901	0.384053	1.54325	1.54325	0.644305	0.797712	-1.25359	0.674514	2.528	3.32702	1
cg17003544	PGAM5;PGAM5;PGAM5	0.715183	0.859952	1.09795	1.09795	0.956205	1.02948	1.02948	?	?	?	0.693246	1.810185	-1.23429	?	?	?	?	0.165737	2.18612	2.18612	?	?	?	0.30407	1.75626	1.75626	0.946156	1.036318	1.036318	0.614434	1.816819	3.94117	1
cg12964065	KCNG2	0.715185	0.570135	0.708421	-1.41159	0.207951	0.450451	-2.22	0.953134	1.03593	1.03593	0.474815	1.54737	1.54737	0.309771	0.531874	-1.88014	0.531874	0.551007	0.696036	-1.43671	0.294813	0.520673	-1.92059	0.270687	0.502145	-1.99146	0.892803	0.922205	-1.08436	0.67541	3.85956	5.07947	1
cg04754615	TNX8	0.715191	0.658883	0.802093	-1.24674	0.846479	1.101	1.101	0.944217	0.965861	-1.03535	0.978501	0.986753	-1.01347	0.463446	1.44833	1.44833	1.44833	0.942906	1.03619	1.03619	0.958396	2.89127	2.89127	0.826588	1.11499	1.11499	0.783199	0.872045	-1.14673	0.675399	2.63525	3.4689	1
cg23595571	TOLLIP	0.715198	0.237417	1.8547	1.8547	0.871019	0.922104	-1.08448	0.379125	0.637425	1.56881	0.615737	0.818418	1.22206	0.41206	0.550537	1.35179	1.35179	0.165533	0.20927	0.20927	0.543886	1.3588	1.3588	0.980573	0.887921	-1.12623	0.675393	2.66437	3.5066	1
cg25235159	KBTBD4;KBTBD4;NDUFS3;KBTBD4	0.715203	0.49879	1.33504	1.33504	0.902423	0.949693	-1.05297	0.684872	0.842232	-1.18732	0.713713	1.16774	1.16774	0.976955	1.01223	1.01223	1.01223	0.0741959	0.43289	-2.31005	0.416225	0.704915	-1.41861	0.769531	0.883699	-1.13161	0.894644	0.945767	-1.05734	0.675385	1.89437	2.49322	1
cg27166950	STK19;STK19;DOM3Z;STK19	0.715205	0.624206	1.14125	1.14125	0.799599	0.995169	-1.00484	0.988738	0.998134	1.00186	0.998738	0.992618	1.00186	0.466274	1.08516	1.08516	1.08516	0.382086	0.78673	-1.27128	0.348086	0.723897	-1.38141	0.961155	0.989052	-1.01312	0.600122	0.715205	-1.15205	0.675382	0.765909	1.00803	1
cg03959988	SMG6;SMG6;SRR	0.715238	0.436377	0.367578	-2.72051	0.530281	2.22891	2.22891	0.905841	0.861442	-1.16084	0.743139	1.51357	1.51357	0.835527	0.769481	-1.29958	0.769481	0.207157	0.54788	-1.82478	0.54731	2.17835	2.17835	0.238649	0.211067	-4.73783	0.610152	0.523027	-1.91195	0.675336	16.9922	22.3655	1
cg08055330	C9orf86;C9orf86;LOC100131193	0.715245	0.510801	0.655129	-1.52645	0.886158	0.913193	-1.09509	0.681444	1.29915	1.29915	0.951995	0.902486	-1.10841	0.161626	0.561635	-1.78021	0.561635	0.483465	0.63639	-1.57075	0.17866	0.400448	-2.47434	0.631206	0.715009	-1.35886	0.5524	1.46394	1.46394	0.675125	4.30005	5.65989	1
cg25134345	PCBD2	0.715259	0.432541	0.851419	-1.17451	0.515142	1.14172	1.14172	0.203307	1.30954	1.30954	0.236793	0.779639	-1.28264	0.429753	0.850554	-1.1757	0.850554	0.93844	1.01563	1.01563	0.854946	1.03743	1.03743	0.840837	1.04121	1.04121	0.957908	0.989457	-1.01066	0.675306	0.43134	0.567763	1
cg08375550	DPRX	0.715267	0.753035	1.15648	1.15648	0.745558	0.860737	-1.1618	0.55379	0.758921	-1.31766	0.33668	1.57813	1.57813	0.104413	0.44151	-2.26496	0.44151	0.698781	0.836025	-1.19614	0.766437	1.14705	1.14705	0.494577	0.72654	-1.37639	0.940425	0.945957	-1.05713	0.675294	2.26879	2.9864	1
cg13402698	PNPT1	0.715277	0.445387	2.36513	2.36513	?	?	?	?	?	2.203188	1.48602	4.46002	0.944719	0.926078	-1.07955	1.44833	1.44833	0.841284	1.0841	1.0841	?	4.4017	4.4017	0.583111	0.610113	1.64097	?	?	?	?	0.610113	1.64097	1
cg19972068	COL28A1	0.715286	0.857967	1.06551	1.06551	0.750691	0.893234	-1.11953	0.557972	0.810697	-1.23351	0.549591	0.806985	-1.23918	0.468733	1.29837	1.29837	1.29837	0.881074	1.05446	1.05446	0.111014	1.84961	1.84961	0.779473	1.10454	1.10454	0.426423	0.750025	-1.33329	0.675268	1.34176	1.76623	1
cg12543766	MAG2	0.715297	0.778497	0.735193	-1.36019	0.528328	0.949119	-1.05755	0.695289	1.53587	1.53587	0.741975	1.43194	1.43194	0.150632	0.350623	-2.85207	0.350623	0.22315	0.247497	-4.04045	0.232191	0.679176	-1.47237	0.919091	1.09993	0.125354	0.163717	-6.10809	0.675253	12.727	16.7596	1
cg06088299	BAD;BAD	0.715303	0.526664	1.2301	1.2301	0.531103	1.2273	1.2273	0.558751	1.210351	1.21035	1.210351	1.2070514	1.44838	0.802874	1.10845	1.10845	1.10845	0.207574	1.53574	1.53574	0.202025	1.54778	1.54778	0.325655	1.38769	1.38769	0.604953	1.84496	1.84496	0.675245	1.11457	1.46722	1
cg01112778	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.715316	0.284493	0.438871	-2.27857	0.143288	0.311893	-3.20623	0.309689	0.458999	-2.17866	0.9608	0.964247	-1.03708	0.355489	0.494575	-2.02194	0.494575	0.326889	0.472494	-2.11643	0.514145	0.612588	-1.63242	0.628457	0.696844	-1.43504	0.740131	1.27962	1.27962	0.675225	5.86777	7.72452	1
cg02004156	TFE3;TFE3 MOG;MOG;MOG;MOG;MOG;MOG;M OG;MOG;MOG;MOG;MOG;MOG;MOG OG;MOG;MOG	0.715324	0.155116	0.337792	-2.9604	0.48842	0.605262	-1.65218	0.331231	0.489121	-2.04448	0.416342	1.80865	1.80865	0.869787	0.289555	-1.12416	0.329792	0.488013	-2.04912	0.725864	0.77993	1.78546	0.787167	1.2232	1.2232	0.835129	1.16029	1.16029	0.675214	5.44177	7.16385	1
cg23105820	MOG;MOG	0.715333	0.643496	0.704171	-1.42011	0.364023	0.40456	-2.01776	0.132371	0.294616	-3.39425	0.741109	0.779184	-1.28339	0.542402	0.628727	-1.59052	0.626023	0.691104	-1.44715	0.366557	2.0099	2.0099	0.746847	0.783692	-1.27601	0.567041	1.5298	1.5298	0.675202	6.05614	9.72728	1
cg08515285	DGCR6L	0.715352	0.769823	0.913721	-1.09443	0.114213	0.589561	-1.69618	0.882948	1.04635	1.04635	0.908134	0.965124	-1.03614	0.681495	0.880815	-1.13531	0.880815	0.506021	1.23061	1.23061	0.542107	0.827145	-1.20898	0.259236	0.696314	-1.43613	0.660098	1.14579	1.14579	0.675174	1.01126	1.33135	1
cg09411910	HLA-DQA1	0.715355	0.820205	1.08145	1.08145	1.19483	0.837023	1.19483	0.583283	1.46935	0.782309	1.46935	0.872381	1.14634	0.82659	0.972381	-1.02818	0.972381	0.688628	0.437855	-2.28386	0.329206	1.20018	1.20018	0.11768	0.200018	0.11768	0.200018	0.200018	-4.99933	0.675171	44.9403	59.1706	1
cg20919799	CDKN1C;CDKN1C;CDKN1C	0.715361	0.413356	1.22896	1.22896	0.424069	1.22296	1.22296	0.221102	1.37316	1.37316	0.804301	1.06312	1.06312	0.220173	1.37412	1.37412	1.37412	0.387839	1.24384	1.24384	0.745813	0.892942	-1.08349	0.803988	0.942162	-1.06139	0.529279	0.854596	-1.17014	0.675162	0.649927	0.855666	1
cg24310677	ZNF702P	0.715366	0.488427	0.903484	-1.10683	0.349484	0.87033	-1.14899	0.414598	1.12779	1.12779	0.704646	1.05645	1.05645	0.948676	1.00933	1.00933	1.00933	0.519094	1.09884	1.09884	0.611006	1.07677	1.07677	0.141452	1.25611	1.25611	0.822679	1.0329	1.0329	0.675156	0.222156	0.292748	1
cg16068401	WORT;WORT	0.715377	0.8831	1.025349	1.025349	1.080807	0.974252	1.025349	0.995255	1.01525	1.01525	0.972	0.974252	1.025349	0.866866	-1.44915	0.220074	0.866866	0.491955	1.02007	1.02007	0.980505	2.01872	2.01872	0.744724	1.18588	1.18588	0.962617	0.975589	-1.02502	0.675139	2.97306	3.91433	1
cg04076212	C1orf125;C1orf125	0.715382	0.269436	0.776957	-1.28707	0.334432	0.802604	-1.24595	0.899228	1.02819	1.02819	0.429708	0.837781	-1.1935	0.763686	0.928675	-1.0768	0.928675	0.083091	0.656355	-1.52356	0.901797	0.973275	-1.02746	0.816854	0.950367	-1.05222	0.869467	0.964552	-1.03675	0.675133	0.544888	0.677908	1
cg19425554	TMEM209;TMEM209	0.715393	0.732635	0.80428	-1.2438	0.774894	0.921993	-1.08461	0.863758	1.04238	1.04238	0.877863	0.967423	-1.03396	0.755106	0.830938	-1.1542	0.830938	0.315787	1.34151	1.34151	0.26378	0.738948	-1.39093	0.685806	1.1221	1.1221	0.656893	1.13496	1.13496	0.675007	1.12954	1.49007	1
cg27144162	CNIH	0.715394	0.6491	0.933171	-1.07162	0.438086	1.12685	1.12685	0.479562	0.89716	-1.11463	0.48859	1.1267	1.1267	0.197565	1.22833	1.22833	1.22833	0.294107	1.17858	1.17858	0.467621	1.11806	1.11806	0.828364	0.967749	-1.03333	0.516735	1.10435	1.10435	0.675116	0.243759	0.320944	1
cg09006489	AHDC1	0.715406	0.177352	1.84904	1.84904	0.148133	1.94472	1.94472	0.592028	1.26103	1.26103	0.344861	1.5176	1.5176	0.762907	1.1385	1.1385	1.1385	0.540992	0.766958	-1.30385	0.866834	1.0746	1.0746	0.540929	1.30391	1.30391	0.809798	1.10891	1.10891	0.675099	1.96532	2.5877	1
cg18328404	UBE2B	0.715407	0.900303	1.07484	1.07484	0.930874	1.13791	1.13791	0.604267	1.28546	1.28546	0.602032	1.14502	1.14502	0.395961	1.03867	1.03867	1.03867	0.105438	1.88171	1.88171	0.167757	0.835432	-1.19699	0.796048	0.907052	-1.1019	0.623238	0.84175	-1.1882	0.675067	1.36857	1.79815	1
cg01131076	BRD2;BRD2	0.715409	0.974625	0.995513	-1.00451	0.425401	1.12198	1.12198	0.887629	0.980206	-1.02019	0.137423	0.797541	-1.25385	0.360119	1.1423	1.1423	1.1423	0.7182	0.950048	-1.05258	0.344756	0.871441	-1.14752	0.998936	1.00019	1.00019	0.903741	1.01725	1.01725	0.675095	0.213784	0.281486	1
cg00141260	ZFHX4	0.715411	0.571142	0.866351	-1.15447	0.57375	0.993938	-1.00615	0.957704	0.993938	-1.0061	0.406993	1.16478	1.16478	0.866364	0.935545	-1.06853	0.935545	0.190748	1.12175	1.12175	0.436291	0.707607	-1.41333	0.683713	0.708267	-1.41183	0.68373	1.08296	1.08296	0.675093	0.434664	0.570758	1
cg23987054	HBXIP	0.715453	0.571806	1.17655	1.17655	0.851097	0.947928	-1.05493	0.733912	0.907471	-1.10196	0.580924	0.851588	-1.17495	0.384269	0.775519	1.28946	1.28946	0.433378	2.79656	-1.25545	0.108778	0.606099	-1.64747	0.704104	0.897106	-1.1147	0.260328	0.715979	-1.39669	0.675033	0.865743	1.14002	1
cg27337540	FLI43663;FLI43663	0.715465	0.323348	1.90502	1.90501	0.985879	1.01124	1.01124	0.18849	2.41173	2.41173	0.660908	1.32167	1.32167	0.951863	1.03888	1.03888	1.03888	0.172954	2.49996	2.49996	0.398795	1.72598	1.72598	0.38672	1.75172	1.75172	0.284549	2.018551	2.018551	0.675015	4.26761	5.61977	1
cg05483555	LRIC34	0.715465	0.473392	1.711724	1.711724	0.605127	1.15744	1.15744	0.377452	1.31604	1.31604	0.396479	1.16439	1.16439	0.796362	1.04502	1.04502	1.04502	0.190748	2.12375	2.12375	0.436291	1.44865	1.44865	0.393402	1.23397	1.23397	0.81234	1.10012	1.10012	0.674987	0.433464	0.570758	1
cg15337905	AGAP3;AGAP3	0.715496	0.72082	0.881838	-1.134	0.222056	1.56787	1.56787	0.988963	1.00486	1.00486	0.680844	0.833692	-1.19948	0.259025	0.661894	-1.51082	0.661894	0.465995	0.771071	-1.2969	0.296159	0.684135	-1.4617	0.856038	0.938344	-1.06571	0.427046	0.75263	-1.32867	0.674972	1.31271	1.72875	1
cg05703676	ARHGEF17	0.715503	0.23555	0.533624	-1.87402	0.176	0.512221	1.95245	0.378656	0.731259	1.36766	0.520759	0.601759	1.66205	0.168075	0.442966	-2.25741	0.442966	0.411111	?	?	?	0.414111	?	?	?	0.732868	-1.36457	0.10202	0.20602	0.96162	?	?	?	0.96162	1
cg17232704	ABTB1;PODXL2;ABTB1;ABTB1	0.715531	0.967479	1.01518	1.01518	0.338484	1.43999	1.43999	0.696401	0.865098	-1.15594	0.535955	0.793238	-1.26065	0.41501	0.734978	-1.36059	0.734978	0.814384	0.916755	-1.0908	0.474831	0.764461	-1.30811	0.153646	1.75868	1.75868	0.945906	1.02539	1.02539	0.674923	1.45992	1.92275	1
cg14925137	IQCB1;IQCB1;EAF2	0.715536	0.110395	2.43803	2.43803	0.969001	1.01952	1.01952	0.984542	1.00997	1.00997	0.231431	1.90211	1.90211	0.913834	1.05701	1.05701	1.05701	0.251826	1.84637	1.84637	0.863677	0.918729	-1.08846	0.671089	1.24466	1.24466	0.542202	1.39182	1.39182	0.674916	2.80479	3.69401	1
cg12393757	ATP8F;ATP8F	0.715556	0.274766	0.702828	-1.42268	0.269781	1.69683	1.69683	0.486644	1.1958	1.1958	0.539406	1.26768	1.26768	0.347477	0.790994	-1.10989	0.790994	0.415791	0.682019	-1.46623	0.344477	0.72557	-1.37845	0.375951	1.51904	1.51904	0.758449	1.14536	1.14536	0.674888	2.26265	2.98051	1
cg15818925	LMO4	0.715566	0.407005	1.84091	1.84091	0.279028	2.24735	2.24735	0.591631	1.47643	1.47643	0.678507	1.34971	1.34971	0.687956	1.13706	1.13706	1.13706	0.318432	2.09989	2.09989	0.109767	3.50538	3.50538	0.229096	2.47946	2.47946	0.564929	1.51983	1.51983	0.674873	5.53263	7.28714	1
cg08438650	ANKH;ANKH	0.715566	0.989638	1.010163	1.010163	0.633144	1.026185	1.026185	0.975252	1.00525	1.00525	0.972	1.042134	0.801293	1.031175	1.031175	0.889703	1.031175	1.031175	0.969702	-1.03179	0.814702	0.940804	-1.1419	0.538092	0.921211	-1.08507	0.883087	0.922833	-1.08359	0.674845	0.676012	0.822075	1
cg00319902	TRRAP	0.715587	0.974326	1.02211	1.02211	0.178343	0.64288	2.64288	0.098113	0.34319	3.43179	0.747495	0.802894	-1.25449	0.821313	0.857492	-1.16619	0.857492	0.906606	0.923334	-1.08303	0.933532	1.05833	1.05833	0.912526	0.928038	-1.07754	0.910891	1.07905	1.07905	0.674844	0.93668	0.50248	1
cg00337455	PDGFRA;PDGFRA	0.715588	0.314355	0.561444	-1.77926	0.624637	0.77455	-1.29107	0.616836	0.768954	-1.30047	0.494866	0.696985	-1.43475	0.549808	0.744439	-1.34329	0.832808	1.11633	1.11633	0.122789	0.418607	0.567687	-1.76153	0.240273	0.526954	-1.8977	0.674842	0.680908	3.81827	1
cg04479987	TRIM41;TRIM41	0.715596	0.509781	1.13754	1.13754	0.570044	1.11698	1.11698	0.923581	1.02712	1.03712	0.888106	1.0275	1.0275	0.750328	1.2605	1.2605	1.2605	0.488666	1.14519	1.14519	0.631553	0.785188	-1.27358	0.451717	0.905634	-1.1924	0.503887	1.13965	1.13965	0.674831	0.396958	0.522874	1
cg16704678	BAI2	0.715597	0.210424	3.04524	3.04524	0.40614	2.04178	2.04178	0.69235	1.39533	1.39533	0.236462	2.8456	2.8456	0.352997	2.2332	2.2332	2.2332	0.310921	2.41602	2.41602	?	?	?	0.874698	0.876247	-1.14123	0.389287	2.09852	2.09852	0.658216	6.35534	8.44849	1
cg15169189	PTPRM;PTPRM	0.715622	0.885513	1.10564	1.10564	0.937797	0.978475	1.0242	0.650572	1.15432	1.15432	0.183177	?	?	?	?	?	?	0.931009	1.08242	1.08242	0.881292	1.0185	1.0185	0.931091	0.915842	-1.09189	0.295716	2.13459	2.13459	0.639118	4.83125	6.60691	1
cg07981364	PSMC3	0.715634	0.803418	0.842442	-1.18702	0.66706	1.34649	1.34649	0.631986	0.717705	-1.39333	0.493361	0.619911	-1.61314	0.72823	1.27737	1.27737	1.27737	0.55502	1.1335	1.1335	0.893092	0.911713	-1.09684	0.206804	0.49733	2.49733	0.140191	2.97698	2.97698	0.674777	5.04992	6.65231	1
cg19326097	NAV2;NAV2;NAV2	0.715657	0.29106	0.47045	-2.12562	0.362929	1.90325	1.90325	0.657504	1.39549	1.39549	0.898957	0.916279	-1.09137	0.555547	0.691618	-1.44588	0.691618	0.31404	0.488402	-2.04749	0.780741	0.825263	-1.21173	0.405547	0.676994	-1.47701	0.843574	1.60169	1.60169	0.674765	0.198971	0.264744	1
cg25036127	LRRC56	0.715662	0.744464	0.832249	-1.20156	0.32284	1.77417	1.77417	0.83657	1.08591	0.662679	0.781588	-1.27945	0.645163	0.695901	1.44588	1.44588	1.44588	0.290995	0.54053	-1.85003	0.320979	0.58219	-1.77876	0.499041	0.47001	1.47001	0.483374	0.160169	0.160169	0.674695	0.36815	0.443743	1
cg05223604	LOC645323	0.715692	0.56823	1.10795	1.10795	0.683282	1.07563	1.07563	0.379802	1.17365	1.17365	0.377503	1.17461	1.17461	0.865438	0.970307	-1.0306	0.970307	0.323075	1.19889	1.19889	0.240396	0.803762	-1.24415	0.342034	1.19005	1.19005	0.563709	1.10931	1.10931	0.674695	0.337516	0.444667	1
cg05859264	MAPK13	0.715692	0.493906	0.764737	-1.30751	0.633144	1.16183	1.16183	0.641074	1.15342	1.15342	0.803166	1.1012	1.1012	0.807836	0.915316	-1.09252	0.915316	0.650917	1.19224	1.19224	0.387609	1.42939	1.42939	0.985382	0.615216	-1.62466	0.150173	1.12287	1.12287	0.674605	1.59222	2.0977	1
cg25123521	MYO23;MYO23;MYO23	0.715706	0.432001	1.4205	1.4205	0.345754	1.52962	1.52962	0.98811	0.993499	-1.00654	0.679399	1.1995	1.1995	0.172651	0.529753	-1.88767	0.529753	0.898571	0.945711	-1.05741	0.839486	1.09283	1.09283	0.335431	1.54461	1.54461	0.452015	1.39846	1.39846	0.674676	2.04715	2.69713	1
cg18074625	CHKA;CHKA	0.715716	0.760057	0.852628	-1.17311	0.762762	1.08509	1.08509	0.883448	1.03783	1.03783	0.749	1.08065	1.08065	0.663837	0.924815	-1.08153	0.924815	0.42628	0.864851	-1.15627	0.763426	1.05494	1.05494	0.915279	1.13184	1.13184	0.640972	1.13154	1.13154	0.674644	0.440254	0.581204	1
cg00228799	ENDOG	0.715728	0.665148	1.09421	1.09421	0.951316	1.0127	1.0127	0.874864	1.03312	1.03312	0.711419	0.926052	-1.07985	0.139859	0.720065	-1.38876	0.720065	0.658179	0.912056	-1.09642	0.705614	0.924539	-1.08162	0.631179	1.10517	1.10517	0.21735	1.30777	1.30777	0.674645	0.456697	0.607329	1
cg06012410	EXTL3	0.715734	0.643817	0.833891	-1.1992	0.765658	0.889925	-1.12369	0.454885	1.34577	1.34577	0.839625	1.08226	1.08226	0.237966	0.61738	-1.61975	0.61738	0.910202	1.045	1.045	0.133015	1.88203	1.88203	0.921526	1.03919	1.03919	0.827011	0.918156	-1.08914	0.674636	1.62636	2.14286	1
cg26942223	ZNF563	0.715743	0.390513	0.800514	-1.24961	0.650188	1.25914	2.05914	0.676507	1.60235	1.60235	0.623255	0.613709	1.06089	0.943756	0.785795	-1.27305	0.785795	0.337177	0.18002	-5.55572	0.113595	0.193382	-5.17521	0.192195	0.193382	-5.17521	0.192195	0.193382	-1.64515	0.607844	0.363879	-1.15797	0.709065	1.22674	1.22674	0.674624	1.17661	1.83552	1
cg10627737	COL4A2	0.715751	0.194548	2.56874	2.56874	0.343752	1.95519	1.95519	0.499131	0.623965	-1.60265	0.966772	1.02905	1.02905	0.170774	2.72567	2.72567	2.72567	0.554063	1.50902	1.50902	0.597214	1.44282	1.44282	0.741326	1.25575	1.25575	0.846613	0.875344	-1.14241	0.674613	5.04952	6.65339	1
cg13445770	CTSF;CTSE	0.715757	0.687911	1.15499	1.15499	0.732076	0.973773	-1.48648	0.514389	1.29132	1.29132	0.447575	0.744335	-1.34329	0.604709	0.837237	-1.19471	0.837237	0.31404	0.488402	-2.04749	0.780741	0.825263	-1.21173	0.405547	0.676994	-1.47701	0.843574	1.60169	1.60169	0.674601	0.198971	0.264744	1
cg00871375	SEPTB;SEPT9;SEPT9;SEPT9	0.715776	0.170053	0.369657	-2.70521	0.522232	0.642956	-1.55

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(563T vs. N)	p-value(563T vs. N)	Fold-Change(63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00069271	ORM2	0.716465	0.229261	0.653336	-1.58144	1.40748	0.729702	-1.37042	0.368364	0.709308	-1.40982	0.746297	0.886497	-1.12804	0.247719	0.637985	-1.56743	0.254404	0.642372	-1.55673	0.33918	0.69324	-1.4425	0.192418	0.598642	-1.67045	0.517322	0.783109	-1.27652	0.678606	1.47555	1.94713	1
cg10448954	SPG7;SPG7	0.716479	0.806832	1.13597	1.13597	0.157323	0.455227	-2.19671	0.857614	1.09796	1.09796	0.967209	0.978835	-1.02162	0.467688	1.46896	1.46896	0.801894	1.13977	1.13977	0.281425	1.79061	1.79061	0.361189	0.61357	-1.62981	0.968951	1.02046	1.02046	0.607585	2.88899	3.81242	1
cg23652987	ACOX2	0.716486	0.388482	0.476881	-2.09696	0.464049	0.535596	-1.86708	0.991707	1.00875	1.00875	0.852441	1.16883	1.16883	0.207429	0.328317	-3.04584	0.479171	0.547319	-1.82709	0.170505	0.294381	-3.39696	0.264796	0.377674	-2.64779	0.938977	1.06625	1.06625	0.673576	7.48821	9.88187	1
cg17443388	MCF2L;MCF2L	0.716496	0.903759	1.03486	1.03486	0.395992	1.27917	1.27917	0.600062	1.16166	1.16166	0.313548	1.34345	1.34345	0.488725	0.819369	-1.22045	0.302114	0.738747	-1.35358	0.727225	1.10427	1.10427	0.6309	0.871867	-1.14696	0.332147	0.753227	-1.32762	0.673576	0.855874	1.12946	1
cg12450391	FZD4	0.716489	0.538726	0.770327	-1.29815	0.831583	0.914584	-1.09339	0.32187	0.651132	-1.53579	0.300993	0.638077	-1.56721	0.643743	0.717642	-1.39345	0.604845	1.24663	1.24663	0.228528	1.69865	1.69865	0.867389	1.07257	1.07257	0.611838	0.806911	-1.23929	0.675372	1.87501	2.47438	1
cg00357671	NCOR2;NCOR2	0.716491	0.474666	1.93891	1.93891	0.125713	4.52231	4.52231	0.170327	1.78059	1.78059	0.71615	1.39453	1.39453	0.687567	1.44509	1.44509	0.410049	2.15381	2.15381	0.82762	1.2107	1.2107	0.984392	1.01797	1.01797	0.659923	0.66814	-1.49669	0.673568	8.84751	11.6758	1
cg22862961	ANKRD2;ANKRD2;DHDPSL;DHDPSL	0.716498	0.969629	1.01922	1.01922	1.108203	2.40166	2.40166	0.699391	0.823667	-1.21408	0.876234	1.08104	1.08104	0.272545	0.564983	-1.76996	0.681844	1.22885	1.22885	0.475109	1.43779	1.43779	0.941734	0.964114	-1.03722	0.929391	1.04531	1.04531	0.673559	2.66642	3.51884	1
cg21258799	CR81	0.7165	0.544422	0.770903	-1.29781	0.939765	1.180316	1.180316	0.463247	1.58098	1.58098	0.76777	0.852799	-1.17256	0.285596	0.550809	-1.81551	0.329441	0.582047	-1.71807	0.964869	1.02597	1.02597	0.604722	0.801126	-1.24824	0.557133	1.37615	1.37615	0.673556	3.08452	4.07063	1
cg11748904	C20orf117;C20orf117	0.716503	0.647891	1.744403	-1.34336	0.090765	3.19611	3.19611	0.181445	2.48597	2.48597	0.951447	0.961682	-1.03984	0.178913	1.06767	1.06767	0.769607	1.20748	1.20748	0.694453	1.28844	1.28844	0.881336	0.908564	-1.10064	0.909232	1.07596	1.07596	0.673553	4.39605	5.80149	1
cg05981500	PCSK1	0.716512	0.27858	0.456197	-2.19204	0.339088	0.503377	-1.98658	0.348394	0.510418	-1.95918	0.561634	0.664434	-1.50504	0.369801	0.526446	-1.89953	0.553043	0.658338	-1.51808	0.0995634	0.284372	-3.51652	0.422975	0.56545	-1.7685	0.834201	0.864146	-1.15721	0.675539	5.17665	6.83178	1
cg20440120	USP15	0.716525	0.880826	0.871349	-1.14731	0.72036	0.29186	1.29186	0.253271	1.17745	1.17745	0.880948	1.22432	1.22432	0.450484	1.25059	-1.25059	0.872353	1.19338	1.19338	0.944066	1.02566	1.02566	0.722805	0.865559	-1.1103	0.835805	0.559516	1.78726	0.679524	1.93001	2.83771	1
cg00689835	GCP2;GCP2	0.716529	0.292851	0.407195	-2.45583	0.25134	0.341726	-2.92632	0.907667	0.908895	-1.10024	0.722566	0.745648	-1.34112	0.241994	0.364855	-2.74081	0.554954	0.611621	-1.635	0.258801	0.390715	-2.56081	0.199864	0.491911	0.327855	-3.05012	0.896746	0.898618	-1.11282	0.675515	7.23085	9.54311	1
cg25692266	CCDC12	0.716538	?	?	?	0.519627	0.776434	-1.28794	0.709863	1.16442	1.16442	0.188897	0.994427	-1.00857	0.874635	0.939556	-1.06433	0.744551	1.14263	1.14263	0.352857	0.614681	-1.62686	0.591066	1.24734	1.24734	0.449045	0.532311	-1.8786	0.657593	1.53713	2.33751	1
cg05106395	MOV10;MOV10	0.716549	0.260676	0.408964	-2.4452	0.098939	0.251879	-3.97016	0.975874	0.650013	-1.53843	0.765766	0.796357	-1.25572	0.404403	0.521923	-1.91599	0.356862	0.485666	-2.05903	0.474294	0.5743	-1.74125	0.31345	0.451762	-2.21335	0.496595	0.509306	-1.69232	0.673487	6.19608	8.17778	1
cg02442640	SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.716552	0.185178	0.396721	-2.52066	0.704441	0.778215	-1.28499	0.747282	0.808381	-1.23704	0.955698	1.03723	1.03723	1.02283	0.43135	-2.3183	0.796833	0.843878	-1.18501	0.166297	0.378648	-2.64098	0.650595	1.34988	1.34988	0.602027	0.707383	-1.41366	0.673483	4.61764	6.09454	1
cg17399684	ELK1;ELK1	0.716562	0.406444	0.189885	-5.26634	0.92855	0.839085	-1.19177	0.950689	0.886052	-1.1286	0.257532	0.10885	0.10885	0.306202	7.94359	7.94359	0.215951	0.0782857	-12.7737	0.787752	0.589854	-1.69534	0.981377	0.955367	-1.04672	0.71692	0.49052	-2.03865	0.673469	40.8156	53.8712	1
cg00629116	PBND	0.716568	0.658011	0.8416	-1.18821	0.105073	1.98492	1.98492	0.271645	1.55733	1.55733	0.914592	1.02003	1.02003	0.462934	0.9696	-1.03135	0.989705	1.00501	1.00501	0.513945	1.29204	1.29204	0.64968	0.837773	-1.19364	0.729575	0.874298	-1.14377	0.67346	1.59826	2.10951	1
cg18570853	ADAB1;ADAB1;ADARB1;ADARB1;ADARB1;AD ARB1;ADARB1;ADARB1	0.716578	0.895954	1.05172	1.05172	0.39387	1.40021	1.40021	0.765313	0.891022	-1.12231	0.54044	1.2698	1.2698	0.731853	0.875837	-1.14177	0.745723	1.13362	1.13362	0.325502	1.47891	1.47891	0.11416	1.93937	1.93937	0.569766	0.801387	-1.24784	0.673446	1.58453	2.09144	1
cg13545126	RAB27A	0.716609	0.50664	1.01524	1.01524	0.928704	1.96401	-1.09242	0.249401	1.08428	1.08428	0.249357	1.17452	-1.17452	0.431242	1.1404	1.1404	0.140233	0.770573	-1.2973	0.91042	0.981681	-1.01866	0.358643	0.885688	-1.16769	0.586645	0.913777	-1.09436	0.67402	0.287703	0.379767	1
cg09833350	UPF3A;UPF3A	0.716617	0.387345	0.510607	-1.95845	0.797872	1.21482	1.21482	0.966179	1.03267	1.03267	0.975104	0.976616	-1.02394	0.367171	0.49538	-2.01865	0.214112	0.370905	-2.69611	0.145491	0.305695	-3.27124	0.387629	0.510974	-1.95705	0.956581	1.04215	1.04215	0.673392	6.13189	8.09421	1
cg05037393	CA14;CA14	0.716617	0.406028	0.353941	-2.82833	0.228271	0.109298	-9.14057	0.234992	0.488551	-2.04753	0.449939	0.881841	1.1282	0.208553	0.476499	-2.09837	0.444065	0.394611	-2.53407	0.411249	0.58224	-1.71742	0.593311	0.924177	1.08215	0.929275	1.13076	1.13076	0.673557	3.09152	4.11312	1
cg15792134	SMOC2;SMOC2	0.716628	0.363707	0.721112	-1.38675	0.835083	1.07621	1.07621	0.639066	1.1808	1.1808	0.817481	0.921783	-1.08485	0.511357	0.790826	-1.2645	0.603731	0.831532	-1.2026	0.140031	1.74959	1.74959	0.427159	1.33062	1.33062	0.80757	0.917536	-1.08988	0.673375	1.32378	1.74745	1
cg04318704	ZNF702P	0.716637	0.226759	3.4701	3.4701	0.573551	0.57706	-1.73292	0.882845	1.15265	1.15265	?	?	?	?	0.554883	-1.80254	0.554883	0.561228	-1.78181	0.494723	1.95723	1.95723	0.270339	0.327996	-3.04882	0.992579	0.991082	1.009	0.853204	0.836543	-1.1954	0.650229	8.15994	9.32879	1
cg07365168	UBN2	0.716647	0.352177	0.538614	-1.85734	0.229978	0.84491	-1.1606	0.182358	1.15229	1.15229	0.464114	0.861419	-1.16088	0.888514	0.972712	-1.04634	0.899185	0.959971	-1.0417	0.990032	0.756663	-1.32159	0.189	0.870688	-1.07688	0.287911	1.14287	0.87431	1.15021	1.14282	1.46812	1
cg19972858	BHLHE40	0.71668	0.299046	0.821917	-1.21667	0.94534	0.987585	-1.01257	0.877576	1.02849	1.02849	0.575919	0.902155	-1.10846	0.749782	1.06003	1.06003	0.239382	0.798922	-1.25169	0.220145	0.790766	-1.2646	0.653165	1.08591	1.08591	0.484091	1.13834	1.13834	0.673302	0.354029	0.467387	1
cg18170519	IGSF9B	0.716683	0.394334	0.828239	-1.20741	0.821889	1.12033	1.12033	0.280923	1.17909	1.17909	0.762592	1.22795	1.22795	0.207811	0.81682	-1.22403	0.553944	0.75119	-1.33099	0.280367	0.714433	1.39983	1.39983	0.70931	-1.41022	0.497853	1.45928	1.45928	0.673298	2.43213	3.2109	1
cg04966779	LNX1;LNX1 BCAP31;BCAP31;ABCD1;BCAP31;BCAP3	0.716685	0.619512	1.23125	1.23125	0.832597	1.08517	1.08517	0.553689	0.793457	-1.26031	0.560182	0.796528	-1.25545	0.347793	0.68845	-1.45254	0.653981	1.19034	1.19034	0.26884	1.56007	1.56007	0.858146	0.933242	-1.07153	0.214299	0.602242	-1.66046	0.673295	1.59028	2.0995	1
cg00621925	1;BCAP31;BCAP31	0.716688	0.180361	0.293675	-3.40513	0.882759	0.880644	-1.13553	0.501882	1.79865	1.79865	0.333266	2.36227	2.36227	0.914302	1.09715	1.09715	0.465343	0.527313	-1.89641	0.562231	1.65646	1.65646	0.469907	1.88364	1.88364	0.675299	0.695686	-1.43743	0.67329	7.91074	10.4439	1
cg26930529	KIAA0100	0.716715	0.189049	1.39441	1.39441	0.864627	0.960047	-1.04162	0.171244	1.41636	1.41636	0.188427	0.742195	0.924155	-1.08207	0.818912	1.05632	1.05632	0.799422	0.94974	-1.06273	0.860491	0.958837	-1.04293	0.859095	0.958429	-1.04337	0.673253	0.608803	0.803796	1
cg08077671	MPP1D1	0.716718	0.464028	1.353941	1.353941	-2.63333	0.222471	0.129498	0.77168	1.08324	1.08324	0.665565	0.665565	0.665565	0.777474	0.511774	-1.95338	0.388102	0.597332	1.67391	0.202951	0.499265	2.00371	0.144641	0.315642	3.169945	0.129727	0.215542	4.639	0.248877	0.642681	0.803775	1
cg03646605	ME3;ME3;ME3	0.716725	0.748714	0.793768	-1.25981	0.288342	2.20809	2.20809	0.733595	1.27826	1.27826	0.623455	1.42705	1.42705	0.120333	0.297945	0.35633	0.835809	0.861448	-1.16084	0.77961	0.817425	-1.22335	0.568873	0.661139	-1.51254	0.582174	0.670763	-1.49084	0.673238	1.50647	1.72703	1
cg21561701	TMCO3	0.716732	0.583223	1.27975	1.27975	0.606878	1.2599	1.2599	0.355532	1.52662	1.52662	0.718705	1.1747	1.1747	0.786935	0.886389	-1.12817	0.54179	0.75963	-1.31643	0.080322	2.3374	2.3374	0.779024	1.1334	1.1334	0.942009	1.03292	1.03292	0.673229	2.11278	2.78958	1
cg24960960	SDHA9	0.716745	0.385693	0.853191	-1.17208	0.825317	0.912428	1.124428	0.286	1.10535	1.10535	0.939641	0.40072	0.40072	0.49551	0.655134	0.460078	-2.14556	0.49111	0.304909	-3.27802	0.623541	0.431693	-2.31646	0.924791	1.1739	1.1739	0.172826	0.553104	-1.80798	0.67321	0.741302	0.491511	0.651	1
cg09885409	FNAR1	0.716762	0.860415	1.04152	1.04152	0.882471	1.03478	1.03478	0.176347	1.39407	1.39407	0.922262	1.02282	1.02282	0.525164	1.16046	1.16046	0.400203	0.819672	-1.22	0.855522	0.958749	-1.04303	0.946621	1.0156	1.0156	0.203308	0.733175	-1.36393	0.673186	0.56955	0.752046	1
cg00145928	MYO5A;MYO5A	0.716765	0.985413	1.01509	1.01509	0.742721	0.89128	1.12156	0.656124	0.854496	-1.17028	0.849502	1.02557	1.02557	0.870599	1.01656	1.01656	0.529927	1.1491	1.1491	0.928352	1.01156	1.01156	0.964483	1.00808	1.00808	0.976182	1.00127	1.00127	0.673423	1.30008	1.72182	1
cg01026867	SCNN1A;SCNN1A;SCNN1A	0.716776	0.379657	0.725992	-1.37742	?	?	0.33433	1.42444	1.42444	0.556762	0.809634	-1.23513	0.278956	1.49175	1.49175	0.911817	1.04015	1.04015	0.95391	0.93626	-1.06808	0.866821	0.942109	-1.06145	0.339799	0.705005	-1.41843	0.673553	1.16806	1.77719	1
cg05029822	KCNQ1ON	0.716778	?	?	?	0.589053	1.74502	1.74502	0.978563	1.02751	1.02751	?	?	?	0.204347	4.2133	4.2133	0.239382	0.798922	-1.25169	0.220145	0.790766	-1.2646	0.653165	1.08591	1.08591	0.484091	1.13834	1.13834	0.673302	0.354029	0.467387	1
cg18170519	IGSF9B	0.716784	0.394334	0.828239	-1.20741	0.821889	1.12033	1.12033	0.280923	1.17909	1.17909	0.762592	1.22795	1.22795	0.207811	0.81682	-1.22403	0.553944	0.75119	-1.33099	0.280367	0.714433	1.39983	1.39983	0.70931	-1.41822	0.497853	1.45928	1.45928	0.673298	2.43213	3.2109	1
cg18182346	BZW1;BZW1L1	0.716791	0.694308	1.3331	1.3331	0.733045	1.283	1.283	0.893497	1.10241	1.10241	0.536933	1.57632	1.57632	0.692504	1.33551	1.33551	0.065431	2.02194	-4.50503	0.993809	1.00566	1.00566	0.937605	1.05864	1.05864	0.986193	0.987484	-1.01268	0.673146	5.64842	7.45873	1
cg00602823	GPR152	0.716803	0.9357	1.06873	1.06873	0.886586	1.0469	1.0469	0.463377	0.740606	1.3025	0.824309	1.08118	1.08118	0.542906	0.752609	-1.32863	0.326513	0.437669	-2.28514	0.732691	0.886614	1.12788	0.326534	3.062	0.859182	1.16322	1.39227	0.624349	1.54795	0.673193	1.94284	2.70814	1
cg23994917	NPPC	0.716817	0.352034	0.780921	-1.28054	0.664761	1.11916	1.11916	0.721973	1.09664	1.09664	0.567913	1.16073	1.16073	0.418439	0.807769	-1.23798	0.965176	0.989636	-1.01047	0.130865	0.656266	-1.52377	0.58504	1.15501	1.15501	0.782251	0.930962	-1.07416	0.673108	0.710695	0.938525	1
cg04738656	CCDC87;CCDC87;CCS	0.71682	0.750713	0.872869	-1.14595	0.576291	1.14198	1.2498	0.451316	1.35258	1.35258	0.191559	1.71956	1.71956	0.867766	-1.15245	0.59404	1.2358	1.2358	0.444325	0.731751	1.35919	0.434743	0.730776	-1.36841	0.576985	0.801102	-1.24828	0.670767	1.7754	1.7754	0.673104	1.65189	2.1804	1
cg03539039	EHD4	0.716846	0.798542	1.23587	1.23587	0.283487	0.397457	-2.51599	0.42668	1.95824	1.95824	?	?	?	?	?	?	0.287506	0.40075	-2.49532	0.479361	0.551335	-1.81378	0.749144	1.30428	1.30428	0.640131	0.677135	-1.47681	0.673736	5.31474	9.65222	1
cg13841901	H	0.716486	0.648039	1.08994	1.08994	0.804128	1.04767	1.04767	0.521268	1.12956	1.12956	0.400615	0.851098	-1.17495	0.890958	0.974623	-1.02604	0.537197	1.12422	1.12422	0.511892	0.750008	-1.33332	0.366078	1.19007	1.19007	0.809155	0.955669	-1.04639	0.673049	0.374331	0.494376	1
cg00585075	ELK4;ELK4	0.716865	0.770596	1.13576	1.13576	0.836871	0.916561	-1.09094	0.660371	1.21115	1.21115	0.989692	0.994419	-1.00569	0.409668	0.693981	-1.44096	0.834664	1.09551	1.09551	0.463522	0.724588	-1.3801	0.881567	0.431564	-2.30764	0.52179	0.754802	-1.32485	0.673041	2.00081	2.64248	1
cg14729681	KIAA2018	0.716874	0.624218	0.923446	-1.0829	0.693647	0.938135	-1.06595	0.661029	0.827715	-1.20815	0.534908	1.10669	1.10669	0.76267	0.883578	-1.13161	0.712225	0.91691	-1.09071	0.91481	0.927574	0.985442	-1.01477	0.902453	1.04111	1.04111	0.847108	1.04121	1.04121	0.673028	0.277356	0.366312	1
cg10905876	DST;DST;DST;DST	0.716884	0.581488	1.17502	1.17502	0.103821	1.6741	1.6741	0.355271	1.31722	1.31722	0.836421	1.06172	1.06172	0.688291	1.15152	1.15152	0.947868	1.01912	1.01912	0.550917	0.839625	-1.19101	0.623347	0.866408	-1.15419	0.658586	0.879128	-1.13749	0.673014	0.894562	1.1815	1
cg12754824	CREM;CREM;CREM;CREM;CREM;CREM	0.716887	0.448212	1.20872	1.20872	0.386981	0.804535	-1.24295	0.632314	1.1255	1.1255	0.673475	1.10954	1.10954	0.527047	0.854546	-1.17021	0.568274	0.868102	-1.15194	0.140794	1.47484	1.47484	0.941078	1.0183	1.0183	0.739156	0.921311	-1.08541	0.67301	0.641171	0.846837	1
cg06710648	DAB1 DMD;DMD;DMD;DMD;DMD;DMD;DM D;DMD;DMD;DMD;DMD;DMD;DMD;D	0.716894	0.356471	2.39288	2.39288	0.145376	4.21375	4.21375	0.610875	1.6033	1.6033	0.62128	1.5811	1.5811	0.655641	0.661725	-1.5112	0.576406	1.68068	1.68068	0.930468	0.922854	-1.0836	0.178141	0.72927	0.72927	0.494963	1.89173	1.89173	0.673003	9.02047	11.9141	1
cg01112930	MD;DMD;DMD;DMD;DMD	0.716931	0.66666	1.22343	1.22343	0.857972	0.920021	-1.08693	0.44671	0.697039	-1.43464	0.211935	1.84392	1.84392	0.736921	0.854792	-1.16988	0.8228	0.900885	-1.11002	0.233197	1.78906	1.78906	0.303856	1.64142	1.64142	0.647142	1.2392	1.2392	0.672948	2.30801	3.04862	1
cg02069723	PHKB1;PHKB1	0.716933	0.412001	0.745452	-1.34147	0.623175	0.840765	-1.18939	0.532764	0.801499	-1.24766	0.728725	0.885205	-1.12968	0.107132	0.540124	-1.85143	0.50955	0.791119	-1.26403	0.766725	1.10981	1.10981	0.647789	0.851221	-1.17478	0.17903	0.606577	-1.6486	0.672946	1.30722	1.72669	1
cg17584296	DNAJC9	0.716934	0.37779	0.749134	-1.33466	0.253374	0.623225	-1.60456	0.193391	0.83369	-1.20009	0.882939	1.06014	1.06014	0.291382	0.724251	-1.38057	0.479185	0.689399	-1.45064	0.427737	0.719097	1.39091	0.145	0.41786	-2.39399	0.154964	0.677257	1.47903	0.672943	2.22414	2.93786	1
cg07986222	INPP5A	0.71694	0.570756	0.632124	-1.58197	0.182164	2.10677	2.10677	0.147623	3.46856	3.46856	0.748068	0.772608	-1.29432	0.980547	0.980671	-1.01971	0.713228	1.34381	1.34381	0.421019	1.93108	1.93108	0.891388	0.896396	-1.11558	0.915059	1.08917	1.08917	0.672936	0.83044	0.92241	1
cg26972832	QPLD1	0.716948	0.366625	0.675133	0.671533	0.204858	0.064131	-15.9226	0.773307	1.80045	1.80045	0.269033	0.040841	-10.6288	0.329779	7.88552	7.88552	0.912008	1.2548	1.2548	0.943168	1.15765	1.15765	0.853931	1.45997	1.45997	0.994736	1.01364	1.01364	0.672925	44.9321	59.3523	1
cg25588635	ZNF732;ZNF273	0.716949	0.503426	0.849408	-1.17768	0.825317	0.912428	-1.0953	0.60618	1.10472	1.10472	0.76898	1.18567	1.18567	0.477705	1.10504	1.10504	0.717935	1.23337	1.23337	0.98096	1.00793	1.00793	0.927307	1.03213	1.03213	0.91794	0.872624	1.00514	1.00514	0.672923	3.5635	4.70716	1
cg09533673	HEMK1	0.716951	0.460988	1.19256	1.19256	0.39482	1.2269	1.2269	0.08505997	1.56326	1.56326	0.788562	0.938879	-1.0651	0.816356	1.0561	1.0561	0.624396	1.12276	1.12276	0.960492	0.988444	-1.01169	0.594032	1.13454	1.13454	0.282925	1.29925	1.29925	0.672922	0.586751	0.775063	1
cg15629096	C6orf223	0.716953	0.406382	0.761648	1.31294	0.659005	1.31588	1.31588	0.353625	1.15442	1.15442	0.880983	0.992194	-1.00787	0.940755	1.00246	1.00246	0.732266	0.897267	1.1455	0.907901	1.88615	1.88615	0.189767	0.885207	1.12956	0.870897	1.05356	1.05356	0.672897	1.20508	1.44459	1
cg13702626	MEGF11	0.716957	0.84853	1.17167	1.17167	0.254369	0.68088	2.68088	0.87502	1.13931	1.13931	0.538765	0.597099	-1.67476	0.306331	0.415804	2.40498	0.718219	0.740636	-1.35019	0.672925	0.703416	-1.42163	0.437795	0.519025	-1.92669	0.28808	0.249392	4.4992	0.672871	7.3163	9.66512	1
cg04069518	RPL27A;SNORA3	0.716968	0.97994	0.994406	-1.00563	0.650954	1.10697	1.10697	0.31612	1.43096	1.43096	0.332018	0.795903	-1.25643	0.658553	1.10433	1.10433	0.82194	1.05158	1.05158	0.924634	0.979108	-1.02134	0.244466	1.31218	1.31218	0.947729	1.01474	1.01474	0.672868	0.53059	0.700934	1
cg17426273	NEBL	0.716969	0.377368	1.44581	1.44581	0.228345	0.72645	1.72645	0.415468	1.36754	1.36754	0.643628	0.795734	-1.25676	0.384434	0.508215	-1.96757	0.470109	0.732266	0.897267	1.1455	0.907901	1.88615	1.88615	0.189767	0.885207	1.12956	0.870897	1.05356	1.05356	0.672897	1.20508	1.44459	1
cg26658471	ZNF337	0.717001	0.165905	1.40072	1.40072	0.652011	0.901642	-1.10909	0.636089	0.896991	-1.11484	0.552142	0.871811	-1.14704	0.587863	0.882679	-1.13292	0.334155	1.25506	1.25506	0.445982	1.19385	1.19385	0.615085	0.890803	-1.12258	0.929088	0.979904	-1.02051	0.672849	0.554313	0.732293	1
cg07763124	RGS7BP	0.717015	0.375191	0.749134	-1.33466	0.253374	0.623225	-1.60456	0.193391	0.83369	-1.20009	0.882939	1.06014	1.06014	0.291382	0.724251	-1.38057	0.479185	0.689399	-1.45064	0.427737	0.719097	1.39091	0.145	0.41786	-2.39399	0.154964	0.677257	1.47903	0.672843	2.22414	2.93786	1
cg02122913	SLC39A6;SLC39A6;ELP2	0.717039	0.574406	0.890592	-1.12285	0.566631	1.12556	1.12556	0.387074	1.19847	1.19847	0.749061	1.06773	1.06773	0.53526	0.879663	1.1368	0.364261	1.20972	1.20972	0.174712	0.744688	-1.34284	0.624628	1.10595	1.10595	0.93802	1.01601	1.01

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	Fold-Change(1-vs-105T vs. N)	Fold-Change(105T vs. 057 vs. N)	Fold-Change(1117 vs. N)	Fold-Change(1117 vs. 057 vs. N)	Fold-Change(1-vs-112T 117 vs. N)	Fold-Change(1127 vs. N)	Fold-Change(1-vs-121T 12T vs. N)	Fold-Change(121T vs. N)	Fold-Change(121T vs. 21T vs. N)	p-value(347 vs. N)	p-value(3477 vs. N)	Fold-Change(347 vs. N)	Fold-Change(3477 vs. 477 vs. N)	Fold-Change(5-vs-537 vs. N)	Fold-Change(5377 vs. 537 vs. N)	Fold-Change(5-vs-537 vs. N)	Fold-Change(5 vs. 5377 vs. N)	Fold-Change(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error)
cg11152251	DCAF5	0.717679	0.994573	1.60422	1.60422	1.778836	1.19018	1.782929	1.17676	1.17676	1.844582	1.12464	1.6412	1.64121	1.13683	1.13683	0.395008	1.71422	1.71422	0.122722	2.81415	2.81415	2.810933	1.79226	1.79226	0.328234	0.535616	-1.80701	0.671894	4.0731	5.38856	1
cg00138766	SCARA5	0.717685	0.906409	1.03025	1.03025	1.340212	0.779527	-1.28283	0.581159	1.15165	1.155165	0.729553	1.09193	1.091193	1.337357	1.50725	1.50725	0.386396	1.25232	1.25232	0.345993	1.2788	1.2788	0.759481	1.08092	1.08092	0.569742	1.1567	1.1567	0.671885	0.683265	0.903945	1
cg02694994	PTPRN2;PTPRN2;PTPRN2	0.717695	0.944881	1.01645	1.01645	0.826189	0.945565	-1.05757	0.553966	0.858673	-1.16459	0.166295	0.686836	-1.45595	0.59439	0.872156	-1.14658	0.511632	1.18461	1.18461	0.211254	1.39823	1.39823	0.875773	1.04062	1.04062	0.78107	0.931546	-1.07348	0.671872	0.689277	0.911916	1
cg11383802	DHCR7;DHCR7	0.717734	0.624756	0.668706	-1.49529	0.646311	1.45804	1.145804	0.73545	1.45804	1.817181	0.8278	-1.20802	0.420486	1.95753	1.95753	0.13725	0.27081	-3.69262	0.600506	0.649707	-1.53915	0.938373	0.938651	-1.06536	0.467021	1.829446	1.829446	0.413801	1.505693	-1.07948	0.671816	1.708696	0.37685	1
cg10557009	HCCA2;FAM99B	0.717739	0.727623	1.1068	1.1068	0.39354	1.288272	1.288272	0.261891	1.40429	0.27862	1.386571	1.386571	0.174151	1.5213	1.5213		0.31342	1.35336	1.35336	0.213791	1.45736	0.830957	1.06401	1.06401	0.725553	1.1077	0.671809	0.896165	1.18574	1
cg07107777	HDAC4	0.717741	0.340807	2.4443	2.4443	0.42117	2.11317	2.11317	0.746204	1.35388	1.35388	0.52864	1.78561	1.78561	0.422013	0.473893	-2.12018	0.467092	0.509793	-1.96158	0.374963	2.29125	2.29125	0.252663	2.96795	2.96795	0.577674	1.66882	1.66882	0.673807	0.82023	1.617053	1
cg07166812	NDUFS2;ADAMTS4	0.717752	0.506057	0.757168	-1.32071	0.567259	0.787887	-1.26922	0.577528	1.26109	1.26109	0.905484	1.05019	1.05019	0.605962	1.23928	1.23928	0.90782	1.04891	1.04891	0.592147	0.8001561	-1.24976	0.10592	2.07107	2.07107	0.477774	1.34657	1.34657	0.671791	1.80839	2.39279	1
cg13528104	SFSA1;CCDC157;SF3A1	0.717759	0.616608	0.917749	-1.08992	0.458005	1.12974	1.129974	0.605622	0.916842	-1.08832	0.315935	1.18335	1.18335	0.780457	0.95588	-1.04615	0.337735	1.17296	1.17296	0.639003	1.07925	1.07925	0.221696	0.837245	-1.2304	0.909009	0.981714	-1.01863	0.671781	0.277234	0.960832	1
cg23337361	PHACTR1	0.717774	0.416668	0.847622	-1.17977	0.650822	1.09499	1.09499	0.780242	0.65729	-1.52079	0.534908	1.54221	1.54221	0.545407	1.12958	1.12958	0.333864	1.21958	1.21958	0.529698	0.880911	-1.13519	0.426266	0.850616	-1.17562	0.246633	1.27289	1.27289	0.67176	0.421997	0.558397	1
cg15624117	TRIM17;TRIM17;TRIM17;TRIM17	0.717791	0.241451	0.717488	-1.39375	0.498043	1.20473	1.20473	0.604347	1.15204	1.15204	0.612844	0.870956	-1.14816	0.868457	0.956111	-1.0459	0.851188	1.05217	1.05217	0.137972	1.54109	1.54109	0.816055	1.06513	1.06513	0.784394	1.07708	1.07708	0.671733	0.77997	1.03212	1
cg02286857	TTC7A	0.717795	0.260484	1.57937	1.57937	0.48225	1.08317	1.08317	0.685127	1.07787	1.07787	0.331235	1.53819	1.53819	0.608103	1.24045	1.24045	0.251881	1.64652	1.64652	0.406161	1.42481	1.42481	0.350743	1.98058	1.98058	0.577225	1.26441	1.26441	0.67173	1.84645	2.44337	1
cg19240110	ANO8	0.717798	0.763999	1.12204	1.12204	0.543783	1.2649	1.2649	0.458463	1.33469	1.33469	0.099654	0.501534	-1.99388	0.916377	1.04098	1.04098	0.886767	1.056	1.056	0.564358	1.24961	1.24961	0.566382	0.801196	-1.24813	0.737954	0.879496	-1.13701	0.671726	1.555583	2.05882	1
cg16382722	TTF(1	0.717817	0.441979	1.139565	1.37696	0.302704	1.13763	1.73503	0.453183	1.36782	1.36782	0.244071	1.6442	1.6442	0.427033	1.22115	1.22115	0.803516	0.903289	-1.10707	0.566276	1.27163	1.27163	0.432827	0.716051	-1.39655	0.626965	0.883899	-1.13155	0.671699	1.77101	2.34965	1
cg04361435	NCOR2;NCK2	0.717822	0.238271	0.437867	-2.2838	0.848467	1.13643	1.13643	0.263668	1.21896	1.21896	0.724648	1.26674	1.26674	0.299699	0.487459	-2.05146	0.920737	1.06881	1.06881	0.761831	0.816096	-1.22535	0.918741	0.934051	-1.07061	0.379003	1.828283	1.828283	0.671692	4.754493	6.29247	1
cg14262678	RMND1;C6orf211	0.717828	0.921704	1.05952	1.05952	0.748809	0.827835	-1.20797	0.565154	1.40772	1.40772	0.270142	0.509009	-1.9646	0.281561	0.517801	-1.93124	0.43606	0.626684	-1.5957	0.137694	0.390175	-2.56033	0.759726	0.834929	-1.19771	0.980921	0.986035	-1.01416	0.671684	3.67939	4.8692	1
cg13626505	ETFA;ETFA	0.717845	0.465168	1.14847	1.58347	0.753624	1.21494	1.21494	0.637006	1.34167	1.34167	0.941551	1.03494	1.04346	0.425706	1.65932	1.65932	0.870455	1.1018	1.1018	0.914048	1.42312	1.42312	0.771213	1.09163	1.09163	0.807868	1.23783	1.23783	0.67159	2.840185	3.72456	1
cg05214151	RGMB	0.717896	0.178115	0.612762	-1.63195	0.793905	1.09376	1.09376	0.690042	0.871783	-1.14707	0.312342	0.699254	-1.4301	0.836729	1.07319	1.07319	0.514404	0.797466	-1.25397	0.292574	0.688138	-1.4532	0.652443	1.16787	1.16787	0.536494	1.23894	1.23894	0.671588	1.24625	1.64949	1
cg18891210	ABLIM3	0.717913	0.174466	1.82325	1.82325	0.332813	1.57477	1.574477	0.653793	0.828367	-1.20719	0.582336	0.793775	-1.2599	0.868919	0.936629	1.07109	0.924901	0.961556	-1.03998	0.457765	0.739911	-1.35192	0.619347	0.868821	-1.15141	0.424646	0.705252	0.896154	-1.43466	0.671564	1.83885	2.43192	1
cg13067095	EHD1	0.717924	0.751155	0.803093	-1.24519	0.845701	1.14373	1.14373	0.624087	1.40557	1.40557	0.030355	0.50041	-1.99836	0.092616	0.279326	-3.58005	0.825417	0.858755	-1.16448	0.419023	0.566011	-1.76674	0.69672	0.763404	-1.30992	0.428444	0.572809	-1.74578	0.671548	0.50286	0.68817	1
cg12008230	C21orf84	0.717928	0.361833	1.54866	1.44866	0.649333	1.07264	1.17264	0.753502	1.18396	1.18396	0.031984	0.504601	-1.98066	0.015455	0.340768	-2.93564	0.237484	0.16034	-6.23756	0.027942	1.19006	1.19006	0.844641	1.08104	1.08104	0.722514	1.19017	1.19017	0.671544	1.3812	0.25281	1
cg03926050	PPTC7	0.717945	0.410603	0.822974	-1.2151	0.448657	0.836288	-1.19576	0.895824	0.1008	0.1008	0.0734002	0.629876	-1.58761	0.639597	1.11539	1.11539	0.557141	1.871548	-1.14738	0.808734	0.945396	-1.05776	0.875232	0.964271	-1.03705	0.594325	0.882968	-1.13254	0.671518	0.570198	0.754771	1
cg22704915	SLC29A3	0.717947	0.550157	1.20192	1.20192	0.492726	0.807459	-1.23845	0.719724	0.859287	-1.11696	0.93957	1.02355	1.02355	0.851617	1.05917	1.05917	0.562166	0.835352	-1.1971	0.633778	0.864904	-1.1562	0.0987266	1.74326	1.74326	0.579117	1.18756	1.18756	0.671516	1.00221	1.32662	1
cg02106043	HSPA7	0.717953	0.986376	0.992836	1.00722	0.10808	2.09224	2.09224	0.793146	1.11702	1.11702	0.685038	1.18733	1.18733	0.295329	0.633195	-1.57929	0.74175	1.14941	1.14941	0.313083	1.4879	1.4879	0.963173	0.980746	-1.01963	0.924706	1.040611	1.040611	0.671508	1.885868	2.49612	1
cg06389507	SQSTM1;SQSTM1;MGAT4B	0.717959	0.439875	1.13765	1.13765	0.48865	0.891219	-1.12206	0.72135	1.06038	1.06038	0.133331	0.767134	-1.30355	0.586284	1.09413	1.09413	0.682159	0.934813	-1.06973	0.395912	0.867335	-1.15296	0.815396	1.03903	1.03903	0.644321	0.926718	-1.07908	0.6715	0.28503	0.377305	1
cg16692153	BANP;BANP	0.717963	0.171246	0.554314	-1.80403	0.1366	1.669461	-1.49374	0.901573	0.950975	-1.05155	0.379345	1.13413	1.144091	0.455742	0.713991	-1.40061	0.777035	1.12582	1.12582	0.76671	1.13413	1.13413	0.401323	1.41053	1.41053	0.694088	0.852344	-1.17324	0.671471	1.74603	2.30967	1
cg27449959	ZNF517	0.717966	0.316861	2.94749	2.94749	0.597331	0.572986	-1.74524	0.76077	1.37577	1.37577	0.569051	1.82436	1.82436	0.19653	0.54825	-1.82453	0.307971	1.332078	1.332078	0.231134	0.485322	2.09741	0.29745	3.362975	2.09741	0.29775	1.19777	1.19777	0.750309	0.716392	1.395888	0.671489	1
cg21580058	YRK3;ZNF473;ZNF473;YRK1	0.717982	?	?	?	0.815081	0.746622	-1.33937	0.497676	0.421971	-2.36983	0.491931	0.416915	-2.39857	?	?	?	0.366796	3.211196	3.211196	0.566335	0.484171	-2.06539	0.409854	2.88362	2.88362	?	?	?	0.610603	9.53884	15.622	1
cg07460665	CALCOCO2	0.718001	0.697204	1.07718	1.07718	0.660865	0.760469	-1.31318	0.733787	1.06706	1.06706	0.827161	0.982365	-1.01777	0.656674	0.918455	-1.08878	0.753077	1.161834	1.161834	0.397099	0.683474	-1.46311	0.673088	1.08403	1.08403	0.693699	1.07816	1.07816	0.671397	0.384404	0.508928	1
cg08690412	SRGAP3;SRGAP3	0.718046	0.829212	0.87667	-1.14068	0.247611	0.478778	-2.08865	0.382955	1.72485	1.72485	0.603148	1.37654	1.37654	0.703428	0.810247	-1.23419	0.44341	0.621185	-1.60983	0.408164	0.597212	-1.67445	0.309745	0.527055	-1.89734	0.579329	0.40662	0.671376	0.94748	5.22639	1
cg22909159	CLGN;CLGN	0.718054	0.861464	1.05466	1.44066	0.845433	1.25335	1.253353	0.485304	1.25335	1.25335	0.185044	0.803551	-1.24481	0.732684	0.882707	-1.13297	0.305319	0.490805	-2.03747	0.407302	0.400734	-2.49542	0.587687	0.692206	-1.44466	0.443782	1.68991	1.68991	0.671362	0.48455	0.620179	1
cg22054150	UPF1	0.718058	0.686354	0.90878	-1.10038	0.781479	0.91822	-1.08906	0.495288	1.17722	1.17722	0.790318	0.939138	-1.06481	0.848265	0.95587	-1.04617	0.644514	1.896306	-1.11569	0.165582	0.705849	-1.41673	0.120345	0.672335	-1.48735	0.758485	0.929909	-1.07537	0.67136	0.590325	0.781597	1
cg16025567	TBCCD1;TBCCD1	0.718063	0.794559	0.950214	-1.05239	0.862845	0.966729	-1.03442	0.134422	1.37144	1.37144	0.356122	0.830487	-1.20411	0.725435	1.07144	1.07144	0.372221	0.858751	-1.16448	0.419023	0.566011	-1.76674	0.69672	0.763404	-1.30992	0.428444	0.572809	-1.74578	0.671548	0.50286	0.68817	1
cg02155627	GBA5	0.718074	0.329292	1.07144	1.07144	0.392797	0.76557	-1.3062	0.37942	0.73742	0.73742	0.419743	0.42173	-2.39734	0.864597	1.14803	1.14803	0.761264	1.14021	1.14021	0.291018	0.982293	1.01883	1.01883	0.982293	-1.0182	0.944645	-2.89001	0.719447	1.42738	0.670166	0.69378	11.2504	1
cg20807030	MYBL1;MYBL1	0.718079	0.761567	1.15144	1.15144	0.722773	1.14357	1.14357	0.825533	1.10771	1.10771	0.319724	1.61033	1.61033	0.622682	1.25836	1.25836	0.461226	1.41563	1.41563	0.180948	0.517801	-1.93124	0.959659	1.02371	1.02371	0.245542	1.75555	1.75555	0.67133	2.28276	3.02254	1
cg00044001	VAC14	0.718083	0.727307	1.08721	1.08721	0.428475	1.12184	1.12184	0.513884	1.16184	1.16184	0.588065	0.845978	-1.18206	0.753762	0.908613	-1.10046	0.893249	0.940568	-1.06358	0.703327	0.745457	1.34202	0.439153	0.93349	-1.07121	0.525107	1.24401	1.24401	0.584299	1.18326	0.671329	0.98619	1.30579	1
cg00878038	WDR86	0.718091	0.774845	0.939134	-1.06481	0.114088	0.686347	-1.45699	0.907932	1.02566	1.02566	0.407712	0.830742	-1.20374	0.882698	0.968188	-1.03286	0.820061	0.951336	-1.05115	0.204627	0.745957	-1.34056	0.403351	0.829239	-1.20592	0.735586	1.07704	1.07704	0.671313	0.50976	0.674976	1
cg24111059	USP19	0.718097	0.852394	0.966689	-1.03446	0.622469	1.09446	1.09446	0.594357	1.1027	1.1027	0.825155	0.960556	-1.04106	0.58923	1.10423	1.10423	0.278667	1.22726	1.22726	0.592157	1.10336	1.10336	0.731757	0.939332	-1.06459	0.137514	0.74758	-1.33765	0.671305	0.351738	0.465744	1
cg16352330	SRL	0.718098	0.376387	1.27683	1.27683	0.552152	1.32688	1.32688	0.358433	1.31184	1.31184	0.588065	0.845978	-1.18206	0.753762	0.908613	-1.10046	0.893249	0.940568	-1.06358	0.703327	0.745457	1.34202	0.439153	0.93349	-1.07121	0.525107	1.24401	1.24401	0.584299	1.18326	0.671329	0.98619	1.30579	1
cg04616566	THSD4	0.718177	0.497281	0.762352	-1.31173	0.304437	0.52009	-1.92309	0.30724	0.65742	-1.5211	0.630323	0.826183	-1.21039	0.802376	1.09368	1.09368	0.243765	0.618652	-1.61642	0.711159	0.863765	-1.15772	0.476829	1.32953	1.32953	0.640499	0.830943	-1.20345	0.671192	1.64809	2.18264	1
cg26549732	XYLT1	0.718194	0.455453	1.20192	1.20192	0.492726	0.807459	-1.23845	0.719724	0.859287	-1.11696	0.93957	1.02355	1.02355	0.851617	1.05917	1.05917	0.562166	0.835352	-1.1971	0.633778	0.864904	-1.1562	0.0987266	1.74326	1.74326	0.579117	1.18756	1.18756	0.671516	1.00221	1.32662	1
cg21330731	CPSF1	0.7182	0.632093	1.59027	1.59027	0.138101	0.64375	-1.55435	0.112654	0.26338	0.26338	0.563244	1.7542	1.7542	0.434532	2.15291	2.15291	0.649023	1.55819	1.55819	0.381058	2.37274	2.37274	0.749685	1.36049	1.36049	0.593018	1.68005	1.68005	0.67116	1.83107	13.0203	1
cg16692153	BANP;BANP	0.718203	0.5536	0.888002	-1.11718	0.401416	1.16667	1.16667	0.668461	0.958467	0.958467	0.956162	0.950975	-1.05155	0.379345	1.13413	1.144091	0.455742	0.713991	-1.40061	0.777035	1.12582	1.12582	0.76671	1.13413	1.13413	0.694088	0.852344	-1.17324	0.671471	1.74603	2.30967	1
cg21948425	ATRN;LATRN	0.718233	0.725833	1.001233	1.10959	0.669708	1.15112	1.15112	0.502609	1.22528	1.22528	0.505438	0.819063	-1.22091	0.263372	0.708645	-1.41114	0.132519	0.619123	1.615519	0.428284	0.787519	-1.26981	0.615826	0.913406	-1.09493	0.647489	1.80027	1.80027	0.671758	1.31362	1.8982	1
cg06458732	SEL1;GPR113	0.718243	0.464254	0.361578	-2.76565	0.919986	0.874075	-1.14407	0.756281	1.51944	1.51944	0.367413	1.58848	1.58848	?	?	?	0.385574	3.40347	3.40347	0.817089	1.36455	1.36455	0.973602	1.04531	1.04531	0.280077	0.207886	-4.81033	0.653705	14.3677	10.9895	1
cg10131125	CDK11	0.718245	0.214271	1.26078	1.26078	0.214984	0.628128	1.26028	0.909199	0.97997	-1.02044	0.825681	1.08987	1.08987	0.327111	1.19637	1.19637	0.497484	1.12984	1.12984	0.458463	1.08393	-1.15102	0.647275	1.08507	1.08507	0.644699	1.14808	1.14808	0.67107	0.33385	0.442195	1
cg24566250	WNT16;WNT16	0.718245	0.669667	0.895583	-1.11659	0.616297	1.13878	1.13878	0.691074	0.902354	-1.10821	0.543696	0.853764	-1.17128	0.763306	0.925252	-1.08079	0.094483	0.623244	-1.60451	0.765295	1.08005	1.08005	0.470496	0.759157	-1.31726	0.628859	0.753026	-1.32798	0.671096	0.710623	0.931507	1
cg26485441	CACNA1H;CACNA1H	0.718251	0.765917	0.897629	-1.11436	0.554634	1.03235	1.03235	0.653305	1.11267	1.11267	0.353504	1.09332	1.093321	0.702684	1.14319	1.14319	0.641142	0.865496	-1.15561	0.730709	0.862519	-1.15932	0.743099	0.852705	-1.17305	0.814202	1.26196	1.26196	0.82457	0.966325	-1.03485	0.563655	0.810142	-1.23411	0.671088	1.29061	1.74821	1
cg18045556	PDGFB;PDGFB	0.718262	0.4873	1.16183	1.05746	0.694973	1.16183	1.16183	0.05746	0.694973	0.694973	0.952102	-1.09637	0.912104	1.27007	1.27007	0.344143	0.788477	1.05172	1.05172	0.74064	1.13089	1.13089	0.728684	1.28483	1.28483	0.618952	1.14564	1.14564	0.66307	0.505337	0.729231	1
cg14675963	HDLBP;HDLBP	0.718268	0.263181	2.20532	2.20532	0.869371	1.10805	1.11806	0.241061	2.29809	2.29809	0.268432	2.18478	2.18478	0.942065	0.951916	-1.05051	0.269254	2.18161	2.18161	0.387427	1.82327	1.82327	0.301196	2.06737	2.06737	0.868152	0.893468	-1.11923	0.671063	4.88554	6.47137	1
cg04575343	SLC2A13	0.718269	0.593646	1.08093	1.08093	0.407007	1.1488	1.1488	0.760911	1.04468	1.04468	0.432128	0.855207	-1.16903	0.349326	0.808407	-1.23691	0.834245	1.02028	1.02028	0.83134	1.20303	1.20303	0.88534	0.973719	-1.02689	0.926351	1.15701	1.15701	0.671058	0.201916	0.298236	1
cg07738541	IGFBP6	0.718275	0.781524	0.887046	-1.12734	0.79423	0.893432	-1.11928	0.547494	0.768895	-1.30057	0.678471	0.83543	-1.19699	0.8441	1.08857	1.08857	0.146275	0.506866	-1.97291	0.359234	1.50379	1.50379	0.466726	1.37717	1.37717	0.462381	0.723766	-1.38166	0.669875	1.92894	2.23965	1
cg09546106	DDX39A;DDX19A	0.718277	0.240835	1.81134	1.81134	0.406276	1.50838	1.50838	0.406371	0.663019	-1.50825	0.611377	0.780431	-1.28134	0.278976	1.72389	1.72389	0.861023	1.08848	1.08848	0.427445	0.654473	-1.48253	0.960896	0.989172	-1.01898	0.861295	1.08829	1.08829	0.671705	0.48767	0.62522	1
cg03093838	OLIG3	0.718292	0.776626	0.784945	-1.36065	0.242181	0.265738	-3.76311	0.443329	0.429051	-2.33073	0.617051	1.726	1.726	0.556556	0.515673	-1.93921	0.449052	0.433792	-2.30525	0.900217	0.873007	-1.14547	0.238681	3.80407	3.80407	0.597757	1.77974	1.77974	0.67103	12.457	16.5013	1
cg00834229	USP53	0.718294	0.143385	0.354947	-2.81732	0.675265	1.31987	1.31987	0.660073	0.747112	-1.33849	0.962103	1.03179	1.03179	0.49754	0.635298	-1.57406	0.136408	0.347505	-2.87766	0.825482	0.864619	-1.15658	0.898752	1.08747	1.08747	0.994412	1.00462	1.00462	0.671026	4.61131	6.10846	1
cg15542880	DSTYK;DSTYK	0.718307	0.383192	1.36004	1.36004	0.55739	0.569025	-1.75739	0.618283	0.509913	-1.96112	0.819087	1.0709	1.0709	0.421435	0.741487	-1.3487	0.211284	0.281635	-3.54948	0.211	0.407047	2.45663	0.447984	0.914319	1.09359	-1.04178	0.953166	0.971324	-1.02952	0.671008	2.60797	3.45466	1
cg20856064	PHTM;PHTM PPP3R2A;PPP3R2A;PPP1R9A;PPP1R9A;P	0.71831	0.774269	0.947186	-1.05576	0.783586	0.691618	-1.44588	0.955189	0.988452	-1.01066	0.954131	1.01087	1.01087	0.425384	0.857615	-1.16603	0.721886	1.06977	1.06977	0.342978	0.831644	-1.20244	0.748989	1.06245	1.06245	0.75725	0.943174	-1.06025	0.671005	0.378403	0.501275	1
cg18261571	PP1R9A	0.718318	0.961565	0.97272	-1.02804	0.442612	0.63806	-1.56725	0.342355	0.570353	-1.7533	0.510322	1.46708	1.46708	0.175931	0.437835	-2.28397	0.539717	0.700232	-1.4281	0.446654	1.5608	1.5608	0.435032	0.631099	-1.58353	0.913455	0.939509	-1.06439	0.670994	3.50079	4.63761	1
cg25184038	GIGYF1	0.718323	0.758202	1.1861	1.1861	0.305248	1.7982	1.7982	0.243225	1.96391	1.96391	0.260622	0.522827	-1.91268	0.38101	0.608568	-1.6432	0.890841	1.07885	1.07885	0.674096	0.791537	-1.26337	0.8668	0.977257	-1.02327	0.923492	0.948292	-1.05453	0.670986	3.24654	4.33085	1
cg16534233	RIMKLA;RIMKLA	0.718331	0.577246	1.21756	1.21756	0.464654	1.34376	1.34376	0.463435	1.33405	1.33405	0.160903	0.709825	-1.40976	0.744736	0.842013	-1.18744	0.833405	1.08384	1.08384	0.310681	1.20801	1.20801	0.834245	1.02028	1.02028	0.83134	1.20303	1.20303	0.88534	0.973719	-1.02689	0.926351	1.15701	1.15701	0.671058	0.201916	0.298236	1
cg27556150	LIPE	0.718344	0.84143	0.927227	-1.07848	0.398827	1.38416	1.38416	0.800177	1.10039	1.10039	0.64268	1.19272	1.19272	0.95325	1.02236	1.02236	0.350344	1.43705	1.43705	0.124702	1.87191	1.87191	0.360398	1.4257	1.4257	0.219416	1.62764	1.62764	0.670957	1.51187	2.00294	1
cg04929645	NAV2;NAV2;NAV2;NAV2	0.718352	0.786382	1.13701	1.13701	0.351407	1.17385	1.17385	0.502489	1.21907	1.21907	0.62115	0.816951	-1.22439	0.92334	1.02155	1.02155	0.360955	1.12869	1.12869	0.0995	0.450501	1.4479	1.4479	0.310966	1.44901	1.44901	0.308968	1.31942	1.31942	0.671049	0.556858	-1.42351	0.670946	0.83982	1.33421	1
cg18531204	ETS1	0.718379	0.236151	0.74853	-1.33595	0.938061	1.0183	1.0183	0.95325	0.986906	-1.01381	0.536091	0.863992	-1.15742	0.797152	0.941672	-1.06194	0.485216	0.847489	-1.17996	0.259018	1.31621	1.31621	0.294284	0.775843	-1.28892	0.401791	0.818555	-1.22167	0.670906	0.578463	0.766409	1
cg19273182	PAPOLG;PAPOLG	0.718387	0.406458	0.874182	-1.14393	0.202647	1.23734	1.23734	0.381664	1.15265	1.15265	0.530023	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	Ratio(1117 vs. N)	Fold-Change(1 vs.1117)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	Ratio(1217 vs. N)	Fold-Change(1 vs.1217)	Ratio(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(3477 vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(5 vs.3537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error
cg15042481	GLIPR1L2	0.718919	0.886922	0.915009	-1.09289	0.296055	0.58945	-1.96676	0.455041	0.61875	-1.61616	0.566782	0.696672	-1.43539	0.569724	0.698624	0.14133	0.29771	0.509714	-1.96189	0.107459	0.33396	-2.99437	0.305327	0.559535	-1.7872	0.327725	0.532232	-1.87888	0.670147	4.13613	5.4862	1
cg25977938	LPPR5;LPPR5	0.718948	0.892876	0.949894	-1.05275	0.143127	1.82279	1.822279	0.803224	1.09994	1.099994	0.996754	0.998449	-1.00155	0.992557	0.996448	0.100356	0.225905	1.62445	1.62445	0.275445	1.54168	1.574168	0.372421	1.41818	1.411845	0.912898	-1.09541	0.670106	1.54483	2.0492	1
cg03903247	FYTTD1;FYTTD1;FYTTD1;KIAA0226	0.718948	0.720477	1.38982	1.38982	0.996758	1.003373	1.003373	0.238503	0.320332	-3.12176	0.634897	0.645036	-1.5503	0.194216	0.281273	-1.55526	0.697943	0.69954	-1.42951	?	?	0.38000	0.437085	-2.28788	0.590775	1.64494	1.64494	0.653292	7.547	10.1082	1
cg12160186	D2HGDH	0.718957	0.751075	0.876546	-1.14071	0.918839	1.039661	1.039661	0.127513	1.8754	1.8754	0.512503	1.288445	1.288449	0.390071	0.714586	-1.39945	0.581668	1.8080693	-1.23656	0.541725	1.26581	1.265581	0.870906	0.919825	-1.08703	0.567604	0.802152	-1.24665	0.670092	1.54532	2.049889	1
cg27446047	IER3IP1	0.718965	0.523931	1.50271	1.50271	0.319002	1.914444	1.914444	0.152878	2.62576	2.625756	0.859787	0.894495	-1.11795	0.738927	1.23481	1.23481	0.272078	2.0563	2.0563	0.628693	0.735452	-1.35971	0.38031	1.76384	1.76384	0.86093	0.895318	-1.11692	0.670082	4.22004	5.59804	1
cg16137853	BIRC2	0.718972	0.422969	1.31752	1.31752	0.653403	0.85874	-1.1645	0.760315	1.10426	1.10426	0.986531	1.0057	1.0057	0.584997	1.10418	1.10418	0.296346	0.69432	-1.44026	0.149154	1.68403	1.684031	0.679592	1.15019	1.15019	0.467631	1.28275	1.282275	0.670071	1.2047	1.5981	1
cg15742751	GBA;GBA;GBA;GBA	0.718988	0.457081	1.4469	1.4469	0.105361	2.37042	2.37042	0.506846	1.38888	1.38888	0.603157	0.774268	-1.29154	0.840876	1.10303	1.10303	0.919009	0.951598	-1.05086	0.427693	0.673679	-1.48439	0.772997	0.868418	-1.15152	0.759668	1.16145	1.16145	0.670049	2.52503	3.34972	1
cg26500707	HEATR3	0.718998	0.259796	0.558401	-1.79083	0.858991	1.09246	1.09246	0.109215	0.793976	1.16403	1.16403	0.140165	0.455343	-2.19615	0.919261	1.0385	1.0385	0.858339	0.915248	-1.0926	0.432186	0.672104	-1.48786	0.475029	0.667818	-1.41345	0.509533	1.39315	1.393151	0.670035	2.60736	3.45901	1
cg03320947	TMEDS;TMEDS;TMEDS;CCDC18	0.719004	0.718326	0.847811	-1.17951	0.437151	1.43761	1.437611	0.647078	0.80732	-1.23867	0.40225	0.676761	-1.47763	0.633697	0.819321	1.22052	0.345886	0.644398	-1.55195	0.209861	1.82532	1.825321	0.481661	1.38511	1.38511	0.975859	0.986313	1.013388	0.670027	2.20129	2.92033	1
cg19511817	ABCG5P2	0.719005	0.850806	0.953532	-1.04873	0.112689	1.54704	1.54704	0.915604	1.02715	1.02715	0.663324	1.11705	1.11705	0.580042	1.15169	1.15169	0.650575	1.12213	1.12213	0.707168	1.10006	1.10006	0.387527	0.799462	-1.25084	0.294535	1.31617	1.31617	0.670025	0.677635	0.898585	1
cg09909523	CNKSR3	0.719005	0.622745	0.869616	-1.15031	0.753984	1.21671	1.216711	0.650471	0.87661	-1.14076	0.977912	1.02408	1.024077	0.748302	1.07277	1.07277	0.258928	0.711738	1.405201	0.157797	1.54655	1.546551	0.563811	1.3069	1.3069	0.792003	1.07929	1.079291	0.688493	2.17341	1.17341	1
cg07137244	NF1-EVI2B;NF1	0.719018	0.446761	1.37814	1.37814	0.305719	0.644919	-1.55058	0.366858	0.681535	-1.46728	0.827376	1.094553	0.994453	0.962582	1.018166	1.018166	0.924521	1.03967	1.03967	0.741265	1.37306	1.373061	0.308374	1.54586	1.54586	0.39541	0.697689	-1.4333	0.670007	1.8152	2.4082	1
cg18390472	HMCN1	0.719024	0.150901	0.507273	-1.30417	0.456312	1.11983	1.11983	0.159858	0.75145	-1.33048	0.65458	0.915494	1.092321	1.09232	0.960192	1.040965	1.040965	1.108665	1.108665	0.352318	0.647761	-1.54378	0.198585	-1.01025	0.746566	1.05225	1.052225	0.988958	1.012514	1.011892	1.020306	0.669998	0.315814	0.418992	1
cg14406138	SPOPL	0.719032	0.473424	0.905046	-1.10469	0.359797	1.13749	1.13749	0.171105	1.22067	1.22067	0.844822	1.02682	1.02682	0.380424	0.884169	-1.13101	0.561004	1.08376	1.08376	0.853612	1.0256	1.0256	0.406102	1.12333	1.12333	0.857826	1.02484	1.024844	0.669987	0.198665	0.263574	1
cg07352234	MTBP;MRPL13	0.719033	0.572208	1.22355	1.22355	0.916675	1.03769	1.037693	0.767114	0.900337	-1.1107	0.271478	0.667185	-1.49883	0.224637	0.637056	-1.56972	0.544025	1.24246	1.24246	0.771593	0.902219	-1.10838	0.91613	0.963446	-1.03794	0.275114	1.49389	1.493889	0.669985	1.32604	1.7593	1
cg21745184	CLTC;CLTC	0.719068	0.867702	0.952367	-1.05002	0.617555	1.15878	1.15878	0.763875	1.0002	1.0002	0.822641	0.936392	-1.06793	0.264659	0.711531	-1.40542	0.427228	0.788751	-1.26783	0.203523	1.48127	1.48127	0.621724	1.15073	1.15073	0.43559	0.792263	-1.26221	0.669936	0.909283	1.20646	1
cg08629933	MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2;MORF4L2	0.719076	0.380479	0.452417	-2.21035	0.0833571	0.184527	-5.41926	0.399731	0.467642	-2.13839	0.788746	1.26716	1.26716	0.908668	1.10648	1.10648	0.403676	0.470757	-2.12424	0.708817	0.718387	-1.39201	0.890333	0.885472	-1.12934	0.876116	1.14746	1.14746	0.669926	8.24772	10.9435	1
cg11952340	USP3	0.719078	0.247087	0.5384	-1.85768	0.70933	1.28427	1.28427	0.128487	0.693831	1.58932	1.58932	0.958403	0.995618	-1.05261	0.210492	0.709727	0.392076	0.420876	-2.376	?	?	0.698813	0.682344	-1.46554	0.331736	0.373648	-2.67632	0.653962	8.89724	11.6051	1
cg14274665	KANK1	0.719084	0.361989	1.23534	1.23534	0.538023	1.15064	1.15064	0.993951	0.998293	-1.00171	0.571598	0.879025	-1.13762	0.374591	1.22822	1.22822	0.339077	1.24889	1.24889	0.170499	1.38989	1.38989	0.558469	0.875057	-1.14278	0.995228	0.998652	-1.00135	0.669914	0.539784	0.716223	1
cg05887082	C19orf38	0.719092	0.182225	0.338843	-2.95122	0.353417	0.481976	-2.07479	0.466027	0.567195	-1.76306	0.294097	0.435246	-2.29755	0.358317	0.485759	-2.05863	0.465234	0.566602	-1.76491	0.192646	0.348542	-2.86909	0.292346	0.433834	-2.30503	0.725784	0.764012	-1.30888	0.669902	6.19934	8.22586	1
cg27366669	ACP1;SH3YL1;ACP1;ACP1;SH3YL1;ACP1	0.719094	0.866504	0.976736	-1.02382	0.498533	0.908349	-1.1009	0.980781	1.00038	1.00038	0.589732	0.926665	-1.07914	0.174862	1.22371	1.22371	0.22135	1.19704	1.19704	0.527143	1.07084	1.07084	0.969984	1.00528	1.00528	0.98248	1.02069	1.020767	0.275566	1
cg20081540	RTEL1;RTEL1	0.719102	0.439682	1.34916	1.34916	0.854994	0.803756	1.90833	-1.90833	0.870744	1.04506	1.04506	0.659325	0.953429	1.05709	-1.47338	0.857924	0.918452	1.09205	1.09205	0.645307	1.03389	1.03389	0.872112	1.27112	1.27112	0.815604	1.07345	1.073451	0.804337	0.909987	-1.09882	0.688989	1.53205	2.0329	1
cg05351087	C6orf211;RMND1	0.719108	0.133069	0.436093	-2.29309	0.864774	1.09121	1.09121	0.870101	0.919603	-1.08743	0.301449	1.73026	1.73026	?	?	?	0.540839	1.37307	1.37307	0.661449	0.797985	-1.25316	0.975094	0.98414	-1.01612	0.887263	1.07535	1.07535	0.653916	2.4143	3.69206	1
cg19926245	CBA	0.719112	0.644891	0.855313	-1.16916	0.705366	1.19246	1.19246	0.440863	1.33155	1.33155	0.301081	0.696638	-1.43547	0.220545	0.648069	-1.54305	0.879742	0.950291	-1.05231	0.745466	1.11588	1.11588	0.407943	0.780881	-1.2806	0.309304	0.701638	-1.42524	0.669875	1.20327	1.59668	1
cg15300986	FBXO7;FBXO7	0.719119	0.477025	1.91021	1.91021	0.48816	1.87807	1.87807	0.407543	2.1383	2.1383	0.594609	0.61915	-1.61512	0.293358	0.374244	-2.67205	0.464501	1.94767	1.94767	0.463864	1.94966	1.949664	0.486297	1.88338	1.88338	0.381335	1.23956	1.239564	0.667452	0.97088	1.96149	1
cg10541043	CUX1;CUX1;CUX1	0.719124	0.761614	0.938772	-1.06522	0.602459	1.1153	1.1153	0.615492	1.11089	1.11089	0.817305	0.953083	-1.04923	0.233007	1.29653	1.29653	0.560425	0.884925	-1.13004	0.11655	1.42493	1.42493	0.675874	1.09124	1.09124	0.662046	1.09563	1.09563	0.669857	0.45749	0.607081	1
cg17974684	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.719125	0.325793	0.320566	-3.11948	0.304617	0.303584	-3.29398	0.278649	0.282773	-3.5364	0.158837	0.184758	-5.41249	0.40913	0.38805	-2.57699	0.55468	0.511679	-1.95435	0.294184	0.295224	-3.38726	0.285093	0.287939	-3.47296	0.53984	0.498595	-2.00564	0.669856	13.3393	17.701	1
cg15061954	BICD1;BICD1	0.719135	0.53512	0.711342	-1.40579	0.394124	0.622922	-1.60534	0.915984	1.05889	1.05889	0.208222	2.05342	2.05342	0.454077	0.661305	-1.51216	0.531257	0.708989	-1.41046	0.94242	1.03995	1.03995	0.29392	1.80464	1.80464	0.969377	0.979398	-1.02104	0.669843	3.11974	4.13993	1
cg27013765	MIR922;KIAA0226;KIAA0226	0.719138	0.969251	0.978078	-1.02241	0.265498	1.94892	1.94892	0.11134	2.71109	2.71109	0.904056	0.933005	-1.07181	0.554907	1.40977	1.40977	0.881787	1.08914	1.08914	0.443757	0.63814	-1.56705	0.824204	0.879905	-1.13649	0.934225	0.953642	-1.04861	0.669837	3.50818	4.65543	1
cg18738699	IQGAP1	0.719146	0.409153	1.29102	1.29102	0.731776	1.364605	-1.24285	0.307969	0.778447	-1.28462	0.237093	0.735549	-1.35978	0.393936	0.884169	-1.13101	0.554501	1.12229	1.12229	0.633853	0.869987	-1.14944	0.842843	0.748374	-1.33623	0.874205	0.806833	1.239265	0.669859	0.791793	1.00224	1
cg18001714	ANKH	0.719161	0.503845	0.86247	-1.15966	0.297431	1.26567	1.26567	0.594958	1.12416	1.12416	0.195615	1.34786	1.34786	0.4433	1.18588	1.18588	0.78736	0.942735	-1.06074	0.591756	0.888627	-1.12533	0.690369	1.09106	1.09106	0.355724	1.23023	1.230223	0.669805	0.50466	0.669727	1
cg26302356	RADIL	0.719164	0.75068	1.15048	1.15048	0.419673	0.715708	-1.39722	0.657863	0.978794	-1.02167	0.408145	0.709482	-1.40948	0.742347	1.1432	1.1432	0.3547	0.679501	-1.47154	0.272186	0.59175	1.69025	0.513223	0.550603	1.81676	0.242885	0.668801	1.74576	0.23179	0.669911	1
cg06902379	SLN	0.719167	0.545709	1.3998	1.3998	0.668896	0.789285	-1.26697	0.604745	0.75037	-1.33268	0.242381	0.5102	-1.96002	0.796065	0.86723	1.1531	0.638037	1.29775	1.29775	0.414002	0.58297	0.975148	0.10728	0.10728	0.201452	2.10009	2.100089	0.669798	3.20918	4.25801	1
cg20573167	C12orf29;C12orf29	0.719167	0.754817	1.06759	1.06759	0.304676	1.24848	1.24848	0.566889	0.88617	-1.12845	0.823322	1.0478	1.0478	0.756963	1.06696	1.06696	0.780761	1.05998	1.05998	0.141594	0.718932	-1.39095	0.608577	1.11387	1.11387	0.431133	1.18265	1.18265	0.669797	0.462393	0.613643	1
cg24638356	C3orf20	0.719176	?	?	?	?	0.758308	-1.31832	0.349439	0.604807	-1.65307	0.978794	-1.02167	0.408145	0.709482	-1.40948	0.742347	1.1432	1.1432	1.1432	?	?	0.563389	0.620137	1.61591	1.61591	0.220619	0.151303	6.61384	0.669805	0.750173	1.33303	0.615816	0.488666	2.04835	1.74576	2.31975	1
cg01656221	MIR548N	0.719181	0.284177	0.843131	-1.18862	0.400785	0.874963	-1.14291	0.474378	1.11989	1.11989	0.379328	0.869295	-1.15036	0.375672	1.15166	1.15166	0.494268	0.807803	-1.11383	0.942327	0.988826	-1.0113	0.667559	1.06941	1.06941	0.570358	1.09317	1.093171	0.669777	0.255872	0.339579	1
cg13216088	PSMD1	0.719187	0.392086	1.29102	1.29102	0.433839	0.970456	1.03074	-1.03074	0.946792	1.04592	1.04592	0.674542	1.482634	1.48263	1.48263	1.48263	0.818539	1.22178	1.22178	0.385137	0.621768	-1.60847	0.322709	0.945884	1.09094	1.09094	0.413773	1.2075	1.20753	0.669758	0.678778	0.889316	1.25125	1.78408	1
cg01670714	DYNLRB1	0.719193	0.366914	0.623186	-1.60466	0.720887	0.832737	-1.20086	0.632417	0.782019	-1.27874	0.722	1.19994	1.19994	0.311738	0.586292	-1.70563	0.945208	0.965541	-1.03569	0.139167	0.443923	-2.25264	0.592397	1.31748	1.31748	0.572434	1.33779	1.33779	0.66976	2.76126	3.66467	1
cg19352965	RAB33;RAB3D	0.719201	0.91663	1.03748	1.03748	0.426665	1.13004	1.13004	0.293024	0.648366	-1.54234	0.503684	0.226634	1.226634	0.478391	1.28821	1.28821	?	?	1.54234	0.50615	0.719205	-1.39042	0.680755	0.831221	-1.20016	0.658051	1.16944	1.16944	0.653782	1.13648	1.73831	1
cg05490001	NAA16;NAA16;NAA16	0.719202	0.533976	1.14205	1.14205	0.838245	1.03736	1.037363	0.284525	1.16884	1.16884	0.267292	1.4476	1.44756	0.239136	1.10151	1.10151	0.969726	1.07202	1.07202	0.166746	1.33883	1.338831	0.506268	0.968832	-1.0311	0.85685	0.966317	-1.0348	0.13665	1.35408	1.549458	0.669747	0.380727	0.505301	1
ch.1.126875[2]	MFSD2A;MFSD2A	0.719203	0.614154	0.887639	-1.12658	0.556756	0.869919	-1.14953	0.546901	0.866811	-1.15365	0.327792	0.789121	-1.26723	0.360098	1.24683	1.24683	0.833218	1.05068	1.05068	0.158395	0.702208	-1.42408	0.810542	1.05792	1.05792	0.469562	0.841553	-1.18828	0.669746	0.583106	0.7739	1
cg09634212	HDAC4	0.719209	0.726211	1.2222	1.2222	0.354501	0.58062	-1.7223	0.942974	1.04168	1.04168	0.360702	1.84422	1.84422	0.695807	0.91013	-1.09874	0.330657	0.563886	-1.77341	0.96165	1.02782	1.02782	0.350303	0.577702	-1.731	0.340239	1.75236	1.752366	0.669737	3.45527	4.5859	1
cg05017309	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 4)	Fold-Change(347T vs. 4)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 37)	Fold-Change(537T vs. 37)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00629563	TNFAIP8	0.720026	0.461387	0.399721	0.50175	0.482359	0.24024	0.595822	1.93043	1.934453	0.256563	0.08268	2.08268	?	?	?	0.940481	0.912379	-1.09604	0.159137	0.157572	-6.34631	0.660589	0.587268	-1.7028	0.616583	1.85878	0.652603	13.8546	21.2297	1
cg16527371	RIMS1;RIMS1;RIMS1;RIMS1;RIMS1	0.720052	0.843148	0.83964	-1.19099	0.08625O2	0.52396	3.32396	0.253183	2.83181	0.831481	0.878806	0.874046	-1.1441	0.913457	1.10066	1.10066	0.905232	0.900254	-1.1108	0.678054	1.44528	0.942956	1.06517	1.06517	0.624842	0.64739	-1.54466	0.68855	8.24173	10.958	1
cg18472460	BIK	0.720061	0.850562	1.04921	1.04921	0.282166	1.32931	1.32931	0.428506	1.2286	1.2286	1.32692	0.772766	-1.29405	0.990599	0.997131	-1.00288	0.347701	1.27924	1.27924	1.520282	0.847054	-1.18056	0.516441	0.845722	-1.18242	0.51144	1.18486	1.18486	0.668538	0.686901	0.913305	1
cg06039194	DPY19L1 OPRM1;OPRM1;OPRM1;OPRM1;OPRM1 1;OPRM1;OPRM1;OPRM1;OPRM1;OPR	0.720064	0.8051174	0.806117	-1.24051	0.521232	0.754937	-1.32461	0.20196	0.557752	-1.79291	0.359532	1.50416	1.50416	0.164207	0.59125	-1.69133	1.39607	0.686182	-1.45734	0.982719	0.990658	-1.00943	0.839018	1.09215	1.09215	0.553003	0.770998	-1.29702	0.668533	1.98824	2.46359	1
cg23384428	M1;OPRM1;OPRM1;OPRM1	0.720074	0.689448	0.835729	-1.19656	0.176278	0.526088	-1.90082	0.602376	0.790709	-1.26469	0.993337	0.996277	-1.00374	0.6263	0.803136	-1.24512	0.0874406	0.430452	-2.32314	0.770739	0.877621	-1.13944	0.889379	1.06415	1.06415	0.981977	1.01014	1.01014	0.668519	2.11317	2.80975	1
cg02311337	MAD11;MAD11;MAD11;MAD1L1	0.720082	0.100701	0.325797	-3.06935	0.4668439	1.58708	1.58708	0.79948	0.984084	-1.01617	0.605294	1.38434	1.38434	0.77828	1.19255	1.19255	0.872302	0.904523	-1.10556	0.4627318	1.58627	1.58627	0.538468	0.678073	-1.47477	0.989215	0.991603	-1.00847	0.668508	4.12027	5.47856	1
cg27567580	GIPC2	0.720092	0.721492	0.570824	-1.75185	0.764483	1.04726	1.04726	0.452475	0.301514	-3.31659	0.495374	0.3381	2.96021	0.0002	3.07858	?	?	?	?	?	0.548412	2.58894	2.58894	0.307845	3.24901	0.52491	0.252091	0.113383	-8.78479	0.668493	29.578	94.5427	1
cg18234561	DHDDS;DHDDS	0.720104	0.680281	1.1851	1.1851	0.313847	1.53254	1.53254	0.47633	0.743175	-1.34558	0.53722	1.29185	1.29185	0.668199	0.838008	-1.19331	0.669869	1.19216	1.19216	0.205879	1.72793	1.72793	0.45463	1.36637	1.36637	0.261539	1.61588	1.61588	0.668478	1.77848	2.36488	1
cg22201796	HDGF;HDGF;HDGF;HDGF	0.720108	0.829822	1.14403	1.14403	0.46118	1.65445	1.65445	0.700664	1.21384	1.21384	1.85873	1.1955	1.1955	0.182495	0.82407	1.21472	0.937536	0.961443	-1.0401	?	?	?	?	?	1.66312	1.60312	0.470843	1.44487	1.44487	0.652492	2.31195	3.54326	1
cg02542118	PCID1;PUS10	0.720118	0.513542	0.906243	-1.10346	0.796225	0.962278	-1.0392	0.32477	0.859767	-1.16331	0.410332	1.13326	1.13326	0.445705	0.890297	-1.12322	0.782302	0.959678	-1.04202	0.732869	0.948467	-1.05433	0.60234	0.924863	-1.08124	0.19287	1.22724	1.22724	0.668457	0.233739	0.310817	1
cg14921745	SLC12A5	0.720134	0.308428	2.04254	2.04184	0.662997	1.34571	1.34571	0.527947	1.32681	1.32681	0.554175	1.49956	1.49956	0.754166	0.808636	-1.23665	0.473474	1.63835	1.63835	0.198543	0.398488	-2.50948	0.58135	0.685827	-1.45809	0.438319	1.72373	1.72373	0.668435	4.85433	6.45532	1
cg13389460	MIIP	0.720147	0.434343	1.20359	1.20359	0.10563	1.50779	1.50779	0.975995	1.00701	1.00701	0.765571	0.07193	1.07193	0.267853	1.3075	1.3075	0.778091	1.06783	1.06783	0.574448	0.876522	-1.14087	0.772214	0.934796	-1.06975	0.871864	0.963197	-1.03821	0.668416	0.571267	0.759697	1
cg19528797	FBXW8;FBXW8	0.720151	0.718329	1.11171	1.11171	0.815304	0.940946	-1.06276	0.333808	1.33836	1.33836	0.631751	0.868338	-1.15163	0.904919	1.03553	1.03553	0.723331	0.901297	-1.10951	0.764609	0.891177	1.09177	0.513669	0.823946	-1.21367	0.103149	0.593798	-1.68408	0.668141	0.904877	1.20335	1
cg22347557	CASZ1	0.720154	0.675714	1.09025	1.13926	0.505043	1.39228	1.33928	0.398313	1.45281	1.45281	0.501563	1.34258	1.34258	0.344499	1.52279	1.52279	0.738852	1.07775	1.07662	0.173562	2.33181	2.33181	0.889558	1.06385	1.06385	0.782201	1.12715	1.12715	0.668407	1.97468	2.62606	1
cg01027553	SDK1	0.720154	0.109544	0.294907	-3.3909	0.985288	1.01299	1.01299	0.690555	0.755732	-1.32322	0.83109	0.861136	-1.16126	0.209784	0.396487	-2.52215	0.850766	0.876497	-1.14091	0.869217	1.12225	1.12225	0.881992	1.10956	1.10956	0.292011	0.465243	-2.14942	0.668407	5.18565	6.8962	1
cg25983635	RAPH1;B	0.720163	0.349176	0.826491	-1.20993	0.418514	1.17358	1.17358	0.509263	1.14155	1.14155	0.508979	0.876179	-1.14132	0.245456	1.27152	1.27152	0.319364	0.815889	-1.22566	0.898181	1.02564	1.02564	0.928261	1.01797	1.01797	0.886746	0.972215	-1.02858	0.668393	0.431889	0.550426	1
cg10877925	PSMC5;FTSJ3;FTSJ3	0.720165	0.73142	0.905908	1.10925	0.594214	1.10106	1.10106	0.959213	0.985423	-1.01479	0.391926	1.28564	1.28564	0.324658	0.344499	1.52279	1.52279	0.308396	0.22255	1.00255	0.467798	2.36331	2.36331	0.101677	1.62728	1.6268	0.668367	0.872726	1.16067	1
cg08962767	SPL;SP1	0.720197	0.855551	0.938826	-1.06516	0.775582	1.10408	1.10408	0.292051	1.46038	1.46038	0.435046	0.758894	-1.31771	0.46391	1.29465	1.29465	0.501342	0.789457	-1.26669	0.551833	1.23186	1.23186	0.534263	1.24365	1.24365	0.194461	1.6088	1.6088	0.668346	1.27023	1.68939	1
cg06830428	SLC14A1;SLC14A1;SLC14A1	0.720213	0.308293	1.429858	-2.03515	0.178952	0.668317	-1.4958	0.643501	0.684667	-1.46056	0.698953	0.29504	-4.2946	0.265294	1.52595	1.52595	0.449505	0.939592	-1.83526	0.692379	0.727355	1.17485	0.387208	0.412844	-2.42222	0.579588	0.638914	-1.56515	0.668324	0.89378	1.03276	1
cg04646674	NFIX	0.720238	0.835998	0.880141	-1.13618	0.336486	0.54315	-1.84111	0.948615	0.940199	0.140049	0.567369	1.47269	1.47269	0.157443	0.665515	-1.5026	0.174689	0.410998	-2.4331	0.481322	0.643949	-1.55402	0.402204	0.593143	-1.69164	0.440616	1.62315	1.62315	0.668288	4.01509	5.34046	1
cg22267402	PARVB;PARVB	0.720249	0.476728	1.449757	1.44023	0.705275	0.841475	1.18339	0.948672	1.04472	1.04472	0.989422	1.09621	1.09621	0.575648	1.08208	1.08208	0.589186	0.897307	1.11458	0.962641	1.03892	1.03892	0.962641	1.08073	1.08073	0.996662	1.00966	1.00966	0.668298	2.18844	3.03063	1
cg13575205	C7orf50;C7orf50;C7orf50 CABYR;CABYR;CABYR;CABYR;CABYR;CA	0.720251	0.355155	1.60315	1.60315	0.270517	1.76697	1.76697	0.492418	1.41332	1.41332	0.529483	1.37174	1.37174	0.732331	1.18572	1.18572	0.583823	1.31588	1.31588	0.0729711	2.6976	2.6976	0.542815	1.35752	1.35752	0.745312	1.17554	1.17554	0.668271	2.60586	3.46614	1
cg13133420	BYR	0.720253	0.840647	0.920719	-1.08611	0.426156	1.39571	1.39571	0.805908	0.903928	-1.10628	0.213462	1.71174	1.71174	0.152163	0.960426	-1.0412	0.858599	1.07591	1.07591	0.207528	0.649665	-1.72513	0.557871	1.27527	1.27527	0.506252	0.758277	-1.31878	0.668267	1.7817	2.36991	1
cg03443996	C10orf114	0.720258	0.586485	1.15285	1.15285	0.259328	1.35629	1.35629	0.423044	0.809029	-1.23605	0.732592	1.09289	1.09289	0.622357	0.879357	-1.13719	0.785495	1.07321	1.07321	0.779882	1.07526	1.07526	0.558003	0.857762	-1.16582	0.171166	1.45841	1.45841	0.66826	0.709844	0.944203	1
cg26455386	MPRIP;MPRIP	0.720269	0.549765	1.0677	-1.07123	0.689007	1.33209	1.33209	0.275375	0.928587	-1.07691	0.589626	0.944447	-1.05922	0.573705	0.968514	-1.03264	0.48862	0.68358	-1.46246	0.854705	1.12597	1.12597	0.409802	1.17213	1.17213	0.687501	1.29419	1.29419	0.668245	4.30751	5.72978	1
cg27083891	MIR192	0.720269	0.55478	0.439082	-2.27748	0.606535	2.04531	2.04531	0.806374	0.712956	-1.40261	0.588766	0.471423	-2.12124	0.133494	2.10754	2.10754	0.486329	0.377565	-2.64853	0.0002	3.08383	3.08383	0.0002	4.08748	0.145925	-6.85284	0.41298	0.315647	-3.1681	0.668244	20.0891	26.7223	1
cg08512490	ZFHX3;ZFHX3	0.720278	0.0564075	0.0705955	-14.1652	0.764898	1.44488	1.44488	0.615277	1.86229	1.86229	0.857693	0.802316	-1.24639	0.919442	0.883258	-1.13217	0.664553	0.585442	-1.70811	0.882116	0.833531	-1.19971	0.853566	1.25449	1.25449	0.962847	1.05883	1.05883	0.66823	15.9364	21.1988	1
cg07189582	SEC24B;SEC24B	0.720281	0.311112	1.492303	1.49238	0.56875	1.45531	1.45531	1.402288	-1.25208	0.423363	1.915871	-1.67822	0.834997	0.470372	1.23408	1.23408	0.386006	0.648228	-1.54349	0.137127	0.780554	0.888884	-1.12501	0.247979	0.441867	-2.26313	0.668228	0.483978	0.443796	0.643796	1
cg12134900	C4orf22	0.720282	0.503743	0.755029	-1.32445	0.966249	0.982629	-1.01768	0.516676	1.31298	1.31298	0.15589	0.533257	-1.87527	0.671398	1.1933	1.1933	0.749342	0.875968	-1.14159	0.17977	0.554303	-1.80407	0.904475	1.05098	1.05098	0.955798	0.977306	-1.02322	0.668226	1.81515	2.41455	1
cg07002711	TFPA	0.720286	0.497308	1.20497	1.20497	0.347015	1.24159	1.24159	0.757357	1.09211	1.09211	0.400211	1.39787	1.39787	0.356605	1.39028	1.39028	0.718828	1.01664	1.01664	0.957383	1.00428	1.00428	0.943961	1.12125	1.12125	0.843961	1.19682	1.19682	0.731587	1.1308	1.50468	1
cg14108978	ARHGEF17	0.720288	0.858041	1.0858	1.0858	0.57669	1.296	1.296	0.760581	0.868911	-1.15087	0.233006	0.562733	-1.77704	0.8874	1.06731	1.06731	0.720033	1.17995	1.17995	0.235181	1.77186	1.77186	0.487993	1.38255	1.38255	0.354033	0.645074	-1.55021	0.668218	2.23702	2.97577	1
cg01050423	SLC9A2	0.720293	0.505203	0.856654	-1.16733	0.984738	1.00419	1.00419	0.979603	0.994167	-1.00587	0.753995	0.930588	-1.07459	0.72493	0.7711	0.7711	0.302712	0.783245	-1.27674	0.245055	0.755104	-1.32082	0.493338	1.17256	1.17256	0.442107	1.19644	1.19644	0.668212	0.554191	0.737212	1
cg27654611	FAM160A2;FAM160A2	0.720299	0.471166	1.2494	1.24921	0.402013	1.08455	1.08455	0.749375	1.18339	1.18339	0.623119	0.541744	1.51253	1.51253	0.938324	1.10345	1.10345	0.905431	1.05973	1.10073	1.10073	0.383586	0.857043	1.1668	1.1668	0.647202	0.805603	-1.24439	0.89598	1.04202	1.01508	0.474971	1
cg18344811	HEATR2	0.720304	0.468242	0.733503	-1.36332	0.453162	1.37839	1.37839	0.99766	0.998769	-1.00123	0.598582	0.800046	-1.24993	0.865701	0.931385	-1.07367	0.527169	0.764104	-1.30872	0.1261	2.00374	2.00374	0.510792	1.32327	1.32327	0.690726	1.18287	1.18287	0.668195	1.86625	2.48265	1
cg21027282	RADS11;RADS11;RADS11	0.720308	0.514586	1.0944	1.0944	0.227917	1.16503	1.16503	0.39021	0.432875	0.630957	-1.63678	0.784759	1.27439	1.27439	0.985281	1.01123	1.01123	0.781955	1.0821	1.04103	1.04103	0.78191	1.0821	1.04103	0.78191	1.0821	1.04103	0.668193	1.18435	1.51349	1
cg11481793	ZNF362	0.720318	0.206954	0.493337	-2.02701	0.310098	1.74646	1.74646	0.588653	0.748373	-1.33624	0.41398	1.55791	1.55791	0.675147	1.25077	1.25077	0.848671	1.06073	1.06073	0.461681	1.49517	1.49517	0.595283	1.75231	1.75231	0.329025	0.629106	1.2948	1.2948	0.668176	2.98251	3.9677	1
cg01944585	RAB37;RAB37;RAB37;RAB37	0.720329	0.285153	0.469119	-2.13166	0.287941	0.47133	-2.12166	0.135897	0.334318	-2.99117	0.753045	1.2401	1.2401	0.329991	0.503901	-1.98452	0.468666	0.604907	-1.65315	0.674096	0.749483	-1.33425	0.938572	1.05395	1.05395	0.92789	0.940151	-1.06366	0.668161	4.91905	6.54406	1
cg10448527	FN3KRP	0.720341	0.541504	1.08375	1.08375	0.779367	1.07083	1.07083	0.785824	-1.2525	0.153075	1.884149	0.935729	-1.06869	0.827176	1.05407	1.05407	0.927354	0.972713	-1.02773	0.713213	0.926384	1.07967	1.08062	0.510473	0.771752	1.29575	0.5553	1.26059	1.26059	0.668148	1.39413	1.51349	1
cg11481793	2NF362	0.720318	0.206954	0.493337	-2.02701	0.310098	1.74646	1.74646	0.588653	0.748373	-1.33624	0.41398	1.55791	1.55791	0.675147	1.25077	1.25077	0.848671	1.06073	1.06073	0.461681	1.49517	1.49517	0.595283	1.75231	1.32925	0.629106	1.2948	1.2948	0.668176	2.98251	3.9677	1
cg01944585	RAB37;RAB37;RAB37;RAB37	0.720329	0.285153	0.469119	-2.13166	0.287941	0.47133	-2.12166	0.135897	0.334318	-2.99117	0.753045	1.2401	1.2401	0.329991	0.503901	-1.98452	0.468666	0.604907	-1.65315	0.674096	0.749483	-1.33425	0.938572	1.05395	1.05395	0.92789	0.940151	-1.06366	0.668161	4.91905	6.54406	1
cg10448527	FN3KRP	0.720341	0.541504	1.08375	1.08375	0.779367	1.07083	1.07083	0.785824	-1.2525	0.153075	1.884149	0.935729	-1.06869	0.827176	1.05407	1.05407	0.927354	0.972713	-1.02773	0.713213	0.926384	1.07967	1.08062	0.510473	0.771752	1.29575	0.5553	1.26059	1.26059	0.668148	1.39413	1.51349	1
cg07079407	KPNA1;KPNA1	0.720345	0.254474	0.479732	-2.0845	0.312334	0.90632	-1.10352	0.49385	0.668614	-1.45219	0.40261	1.69679	1.69679	0.411558	1.6792	1.6792	0.637971	1.33987	1.33987	0.531061	0.679914	-1.47948	0.655822	1.31905	1.31905	0.794855	1.17451	1.17451	0.668137	4.03244	5.36476	1
cg21074655	RBBP8;RBBP8;RBBP8	0.720352	0.728097	1.12976	1.12976	0.502643	1.23695	1.23695	0.51663	1.16212	1.16212	1.663	1.663	1.663	0.468083	1.52318	1.52318	0.347944	1.32886	1.32886	0.34755	1.70228	1.70228	0.875062	1.2845	1.2845	0.644253	1.31366	1.31366	0.732137	2.89047	3.89707	1
cg23894980	SHANK2	0.720355	0.789716	0.879699	-1.13675	0.532383	1.35429	1.35429	0.697145	1.20629	1.20629	0.959494	1.00271	1.00271	0.870444	1.08142	1.08142	0.566308	1.32068	1.32068	0.0536482	2.86008	2.86008	0.920954	0.953516	-1.04875	0.992073	0.995786	-1.00423	0.668123	2.43341	3.23747	1
cg10448527	FN3KRP	0.720341	0.541504	1.08375	1.08375	0.779367	1.07083	1.07083	0.785824	-1.2525	0.153075	1.884149	0.935729	-1.06869	0.827176	1.05407	1.05407	0.927354	0.972713	-1.02773	0.713213	0.926384	1.07967	1.08062	0.510473	0.771752	1.29575	0.5553	1.26059	1.26059	0.668148	1.39413	1.51349	1
cg07079407	KPNA1;KPNA1	0.720345	0.254474	0.479732	-2.0845	0.312334	0.90632	-1.10352	0.49385	0.668614	-1.45219	0.40261	1.69679	1.69679	0.411558	1.6792	1.6792	0.637971	1.33987	1.33987	0.531061	0.679914	-1.47948	0.655822	1.31905	1.31905	0.794855	1.17451	1.17451	0.668137	4.03244	5.36476	1
cg21074655	RBBP8;RBBP8;RBBP8	0.720352	0.728097	1.12976	1.12976	0.502643	1.23695	1.23695	0.51663	1.16212	1.16212	1.663	1.663	1.663	0.468083	1.52318	1.52318	0.347944	1.32886	1.32886	0.34755	1.70228	1.70228	0.875062	1.2845	1.2845	0.644253	1.31366	1.31366	0.732137	2.89047	3.89707	1
cg23894980	SHANK2	0.720355	0.789716	0.879699	-1.13675	0.532383	1.35429	1.35429	0.697145	1.20629	1.20629	0.959494	1.00271	1.00271	0.870444	1.08142	1.08142	0.566308	1.32068	1.32068	0.0536482	2.86008	2.86008	0.920954	0.953516	-1.04875	0.992073	0.995786	-1.00423	0.668123	2.43341	3.23747	1
cg07729570	FGFR1OP2;C12orf11	0.720359	0.259446	0.51776	-1.93156	0.779367	1.07083	1.07083	0.785824	0.935729	-1.06869	0.827176	1.05407	1.05407	0.927354	0.972713	0.972713	0.54805	0.862462	-1.15971	0.713213	0.926384	1.07967	1.08062	0.510473	0.771752	1.29575	0.5553	1.26059	1.26059	0.668148	1.39413	1.51349	1
cg25534239	CNST;TFR2;MCNST	0.720363	0.350664	0.622064	-1.51043	0.79204	1.51996	1.51996	0.183539	1.52649	1.52649	0.912813	0.84817	1.17934	0.176314	1.86022	1.86022	0.441626	1.3716	1.3716	0.374367	2.67385	2.67385	0.883791	0.93922	-1.06471	0.735431	0.964668	-1.15651	0.668113	1.94504	2.58778	1
cg26495591	KIAA0947	0.720364	0.763652	1.07178	1.07178	0.774992	0.93624	-1.0681	0.64032	1.11425	1.11425	0.359804	1.24164	1.24164	0.383523	1.22804	1.22804	0.856166	1.04259	1.04259	0.0754594	1.57608	1.57608	0.426993	1.20496	1.20496	0.600275	1.12924	1.12924	0.668111	0.559176	0.743057	1
cg13316171	ZC3H15;ZC3H15	0.720365	0.582685	1.04768	1.04768	0.455319	1.40238	1.40238	0.678281	0.884413	-1.13069	0.593702	0.78741	1.27002	0.137127	1.55042	1.55042	0.707254	?	?	?	0.886609	1.15392	1.15392	0.732766	1.08154	1.08154	0.662109	1.16458	1.16458	0.668419	1.21381	1.21381	0.668111	1.83984	2.47815	1
cg05501285	P4HA2;P4HA2;P4HA2;P4HA2	0.720372	0.776446	1.16887	1.16887	0.470856	1.49488	1.49488	0.607949	1.32791	1.32791	0.885485	1.08192	1.08192	0.709029	0.814279	-1.22808	0.0737994	2.98112	2.98112	0.478416	1.48438	1.48438	0.434187	1.54863	1.54863	0.421976	1.56766	1.56766	0.6681	3.17868	4.22915	1
cg15709200	CABC1;CABC1	0.720373	?	?	?	0.731249	1.61088	1.61088	0.533209	2.43098	2.43098	0.587123	0.466202	-2.14499	0.436426	0.526956	-1.89752	0.538243	1.25	1.25	0.349961	?	?	?	0.356258	2.80657	2.243334	-4.10862	0.646869	1.89651	1.89651	0.668045	10.4231	13.6211	1
cg21707996	TACC1;TACC1;TACC1	0.720375	0.264828	1.91508	1.91508	0.466257	1.51368	1.51368	0.288054	1.51368	1.51368	0.288054	1.31884	1.31884	0.913983	1.06227	1.06227	0.643027	1.50292	1.50292	0.179438	1.73354	1.73354	0.145986	1.62624	1.62624	0.179438	1.79438	1.79438	0.145986	1.62624	1.59174	0.668095	3.30773	4.37487	1
cg06136054	NTM	0.720394	0.780152	0.879947	-1.13643	0.963924	0.970359	-1.02089	0.902738	1.05747	1.05747	0.56247	1.30163	1.30163	0.902995	1.04639	1.04639	0.31104	1.61455	1.61455	0.155656	0.518059	-1.93028	0.256689	0.582107	-1.7179	0.742872	1.16237	1.16237	0.668069	2.23038	2.94099	1
cg10953205	BAT1;BAT1;SNORD84;BAT1;BAT1	0.720401	0.566314	1.0344	1.0344	0.207518	0.949375	1.03332	0.582845	1.1741	1.1741	0.427425	1.35791	1.35791	0.66373	1.09171	1.09171	0.265504	0.717295	1.39407	0.145322	0.68479	1.46031	1.46031	0.0533377	3.07861	3.07861	-1.27175	0.173185	0.832796	1.20077	0.668047	0.423809	0.563911	1
cg21680645	RNPEP1	0.720419	0.688169	1.53946	1.53946	0.261777	1.49519	1.49519	0.7135	0.674121	-1.48341	0.998928	0.998564	-1.00144	0.131597	0.175416	-5.70074	0.92983	1.09876	1.09876	0.75217	0.712648	-1.40322	0.881291	1.17327	1.17327	0.401155	0.39894	-2.50664	0.668034	1.20988	1.16988	1
cg21339425	EXOC4	0.720422	0.439217	1.34272	1.34272	0.738376	0.882307	-1.13339	0.914283	0.960579	-1.04104	0.27899	0.656747	-1.52266	0.223452	1.61252	1.61252	0.578903	1.23233	1.23233	0.917951	1.03924	1.03924	0.768906	1.21929	1.21929	0.36638	0.707057	-1.41431	0.66802	1.47428	1.94438	1
cg15244126	CBorf83	0.720428	0.387073	0.634864	-1.57514	0.944843	0.965164	-1.03609	0.757978	0.835316	-1.17162	0.912149	0.945012	-1.05819	0.928975	0.575989	1.73614	0.879386	0.925133	-1.08093	0.486216	0.695835	-1.43712	0.214532	0.95351	0.95351	0.360941	1.60797	1.60797	0.668042	2.78049	3.69714	1
cg20125479	GNB2	0.720433	0.955636	0.985345	-1.01487	0.623591	1.14027	1.14027	0.1791	1.46046	1.46046	0.765899	0.923818	-1.08246	0.902675	0.968056	-1.033	0.334152	0.76771	-1.30258	0.536095	1.1809	1.1809	0.229424	1.39749	1.39749	0.731831	1.09558	1.09558	0.668014	0.745095	0.991456	1
cg02020033	KIAA1161	0.720442	0.3013622	1.5772	1.5772	0.47652	1.64557	1.64557	0.507186	1.78283	1.78283	0.412754	1.27746	-1.27746	0.319999	0.807999	-1.23825	0.417913	0.729347	1.37137	0.443351	0.394906	2.53252	2.53252	0.0002	3.32899	3.32899	0.736904	1.35736	1.35736	0.668011	1.40114	1.86446	1
cg03203239	PCGF1	0.720445	0.687247	1.062255	1.062255

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(217T vs. N)	Fold-Change(217T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg16177968	WDR65	0.72116	0.449314	0.847499	-1.17994	0.73887	1.07438	0.07438	0.45388	1.17782	1.17782	0.49158	0.16167	1.16167	0.810415	0.955032	0.485372	0.858913	-1.16426	0.313292	0.821885	-1.24706	0.650387	1.09636	1.09636	0.236689	1.3047	1.3047	0.666991	0.486142	0.647874	1
cg19422340	C1orf125;C1orf125;C1orf125	0.72116	0.564262	0.850337	-1.176	0.733488	0.909313	-1.09973	0.597048	1.15998	1.15998	0.106172	1.63364	1.63364	0.357812	0.768711	1.30088	0.963221	1.01291	1.01291	0.837147	0.944358	-1.05892	0.634233	0.875182	-1.14262	0.800155	0.931873	-1.07311	0.66699	0.817346	1.089927	1
cg17850880	RNF6;RNF6;RNF6	0.72116	0.228028	0.686607	-1.45644	0.545188	1.19555	1.19555	0.314687	1.36201	1.36201	0.76614	0.91518	-1.09268	0.209527	0.675013	-1.48145	0.989327	0.996033	-1.00398	0.847671	1.05881	1.05881	0.667763	0.879578	-1.13691	0.829685	1.06611	1.06611	0.66699	0.932803	1.124313	1
cg18644897	CEP55;CEP55	0.72177	0.630307	1.20115	1.201155	0.404654	0.724514	-1.38024	0.442193	1.743674	-1.34607	0.450973	1.33676	1.33676	0.576254	0.807364	-1.23786	1.161425	1.568256	-1.75977	0.551722	1.25554	1.25554	0.65842	1.845227	-1.18311	0.646992	1.84007	-1.19037	0.669766	1.5088	2.01083	1
cg11740194	DIP2C	0.72188	0.99545	0.988564	-1.00144	0.821739	1.05851	1.05851	0.563669	1.16172	1.16172	0.227886	1.37562	1.37562	0.65211	0.885563	1.12922	0.718492	1.09549	1.09549	0.263509	1.34136	1.34136	0.859274	1.04573	1.04573	0.234965	0.730782	1.3684	1.36695	0.670549	0.893685	1
cg21228284	TXNL4B;TXNL4B;DHX38;TXNL4B;TXNL4B	0.721201	0.86368	1.059	1.059	0.577038	1.20676	1.20676	0.364961	1.36412	1.36412	0.492501	1.26176	1.26176	0.408154	1.32605	1.32605	0.137302	1.70599	1.70599	0.35684	0.728985	-1.37177	0.990058	0.995853	-1.00416	0.621733	1.18044	1.18044	0.666932	1.17523	1.56636	1
cg18831409	GCNT2;GCNT2;GCNT2	0.72122	0.937608	1.04369	1.043369	0.373314	0.607031	-1.64736	0.135598	1.72001	1.72001	0.467363	1.49769	1.49769	0.451299	0.657585	-1.52272	0.353082	0.593397	-1.68521	0.546874	0.717872	-1.39301	0.430985	0.64463	-1.55158	0.566027	1.37282	1.37282	0.666906	3.15095	4.19977	1
cg25269323	REPIN1;REPIN1;REPIN1;REPIN1	0.72163	0.386276	0.544165	-1.98348	0.472814	0.56947	-1.75602	0.501222	0.590736	-1.6928	0.581119	1.53682	1.53682	0.95752	0.482413	-2.07291	0.845387	1.16247	1.16247	0.635593	0.692057	-1.44497	0.31373	0.793493	1.0874	1.0874	0.666845	0.279065	0.37063	1
cg13889918	SRGAP3;SRGAP3	0.72165	0.532826	0.802073	-1.34677	0.377073	1.37225	1.37225	0.813021	1.08625	1.08625	0.81465	1.08545	1.08545	0.592463	1.20761	1.20761	0.462366	1.2985	1.2985	0.0805417	1.96743	1.96743	0.912993	0.962558	-1.0389	0.818942	1.08334	1.08334	0.666843	1.2874	1.71608	1
cg08894534	GEN1;SMC6;SMC6;GEN1	0.72169	0.156093	1.5532	1.553202	0.198455	1.16537	1.16537	0.523606	1.31518	1.31518	0.18999	1.7108	1.7108	0.0615	1.456511	1.456511	0.95157	1.092539	1.092539	0.81582	1.045111	1.08239	1.08239	0.911482	1.098245	1.01028	0.668836	0.889342	1.45111	1.18549	1
cg15387598	UBE2T	0.72173	0.914575	0.966405	-1.03476	0.883991	0.549156	-1.81978	0.990359	1.00386	1.00386	0.457657	0.793745	-1.25985	0.454617	0.784618	1.27451	0.54568	1.21501	1.21501	0.417407	0.768035	-1.30202	0.969798	1.01213	1.01213	0.553862	0.826375	-1.2101	0.666883	0.70712	1.142781	1
cg17321214	SETBP1;SETBP1	0.72182	0.602213	0.884096	-1.1311	0.314538	1.27589	1.27589	0.627425	0.891745	-1.1214	0.783423	0.937496	-1.06667	0.0922614	0.64785	-1.54357	0.920547	0.976899	-1.02365	0.793959	0.940527	-1.06323	0.659523	0.90135	-1.10945	0.782627	1.06693	1.06693	0.668318	0.579541	0.772546	1
cg26431313	LOC401093;MIBN1;LOC401093;MIBN1	0.7213	0.290171	0.865806	-1.15499	0.79769	1.03429	1.03429	0.891284	1.01811	1.01811	0.482885	0.910642	-1.09813	0.244004	0.852276	-1.17333	0.799614	1.03995	1.03995	0.134692	0.800217	-1.23576	0.944915	1.00911	1.00911	0.952988	0.992291	-1.00777	0.667793	0.181946	0.242548	1
cg11754259	ZBTB44;ZBTB44	0.72131	0.399963	0.752627	-1.3286	0.514804	1.48672	1.48672	0.552348	1.21745	1.21745	0.571322	0.80877	-1.23672	0.341107	0.82381	-1.21384	1.102081	1.02381	1.02381	0.0969123	1.18491	1.18491	0.669719	1.18791	1.18791	0.466324	0.78311	-1.27693	0.662765	0.884723	-1.01551	0.660779	1.14834	1.53086	1
cg08087268	ITPK1;ITPK1;ITPK1	0.72131	0.537372	0.848876	-1.17803	0.561255	0.857178	-1.16662	0.961348	0.987367	-1.01279	0.330653	1.30126	1.30126	0.791904	0.932983	-1.07183	0.244843	1.37596	1.37596	0.401464	1.25268	1.25268	0.494478	1.19962	1.19962	0.42187	0.806348	-1.24016	0.666778	0.726777	0.968875	1
cg19372068	KIAA1267	0.72135	0.481597	0.819292	-1.22057	0.630477	1.1937	1.1937	0.45169	1.2382	1.2382	0.427321	1.25151	1.25151	0.391852	0.78314	-1.27691	0.980204	1.00694	1.00694	0.948199	1.30881	1.30881	0.6336	0.874757	-1.14317	0.636575	0.75875	-1.31796	0.666722	0.818861	1.093016	1
cg19316579	PURG;PURG;WRN	0.72151	0.675155	0.808717	-1.23653	0.722059	1.54658	1.54658	0.168117	1.22414	1.22414	0.102442	0.503046	-1.98789	0.734156	0.893852	-1.11896	0.773178	0.866114	-1.15472	0.483923	1.41853	1.41853	0.551751	1.31514	1.31514	0.210306	1.92925	1.92925	0.66672	2.61651	3.44841	1
cg16388983	PTPN14	0.72155	0.601738	0.800194	-1.2497	0.865257	1.07454	1.07454	0.991345	0.995419	-1.0046	0.822616	0.90933	-1.09971	0.0752064	0.432309	-2.31316	0.527384	0.762568	-1.31136	0.592996	0.79582	-1.25657	0.692752	1.18306	1.18306	0.33629	0.657259	-1.52147	0.666716	1.89209	2.5226	1
cg19002857	EIF3G	0.72162	0.991747	1.008128	1.008128	0.794975	1.03437	1.03437	0.961367	0.991231	-1.00885	0.623748	1.06298	1.06298	0.872348	0.903132	-1.10606	0.885236	0.982318	-1.018	0.941928	1.02048	1.02048	0.291052	0.937407	-1.06694	0.20064	0.846219	-1.18171	0.666706	0.161132	0.21483	1
cg12911907	CENPQ	0.72179	0.598469	0.905381	-1.10451	0.690469	1.07775	1.07775	0.853772	0.961916	-1.03959	0.657261	1.08712	1.08712	0.892259	0.97497	-1.02567	0.300289	1.22335	1.22335	0.679394	1.08084	1.08084	0.111993	0.723454	-1.38226	0.799479	0.953503	-1.04876	0.666882	0.36943	0.492562	1
cg10002837	WDR62;THAP8;WDR62;THAP8	0.721382	0.336846	1.38714	1.387142	0.504892	1.46755	1.46755	0.4	1.09217	1.09217	0.831817	0.978324	1.02214	0.924264	0.972119	-1.02824	0.439944	1.79828	1.79828	0.129731	0.512949	1.51398	1.51398	0.227792	1.22973	1.22973	0.532667	1.32297	1.32297	0.650664	1.2007	1.65375	1
cg08460153	TNRC18	0.721409	0.754717	1.05403	1.05408	0.291903	1.20173	1.20173	0.632369	1.08436	1.08436	0.839664	1.03463	1.03463	0.232092	1.23441	1.23441	0.700266	1.06716	1.06716	0.193897	0.79376	-1.25983	0.670644	1.07453	1.07453	0.561823	1.10359	1.10359	0.666639	0.298121	0.397511	1
cg05746188	ORAI2;ORAI2	0.721431	0.345538	0.808925	-1.23621	0.776665	1.06404	1.06404	0.489583	1.16557	1.16557	0.880595	0.967723	-1.03335	0.147417	0.740397	1.40397	1.40397	0.554157	0.889242	-1.12455	0.375809	0.820049	-1.21984	0.982213	1.00491	1.00491	0.98988	1.02077	1.02077	0.666609	0.502994	0.670717	1
cg26578886	SLC35D2;SLC3D2	0.721441	0.827736	1.104048	1.104048	0.459351	0.976986	-1.02442	0.712781	1.048809	1.048809	0.712812	0.914771	-1.10708	0.0972254	0.844807	1.18357	0.64453	1.125315	1.125315	0.443852	1.46238	1.46238	0.809948	1.12444	1.12444	0.418079	1.46975	1.46975	0.66595	2.50246	3.33927	1
cg27327591	LOC102272228;C6orf408	0.721448	0.328427	0.239888	-4.16382	0.831613	0.739817	-1.35169	0.970757	1.05325	1.05325	0.168845	1.72414	1.72414	0.544728	2.3811	2.3811	0.272041	0.198277	-5.04344	0.599896	0.472802	-2.11505	0.671307	0.546569	-1.8296	0.928476	0.880681	-1.13548	0.668585	21.1453	28.1971	1
cg18149009	ITPR1P	0.721482	0.986239	1.00054	1.00054	0.723123	1.2184	1.2184	0.888607	1.0547	1.0547	0.619317	1.19888	1.19888	0.562602	0.880487	-1.24768	0.657536	0.844773	-1.18375	0.944249	0.974984	-1.02566	0.872402	0.964206	-1.03712	0.668537	1.50801	2.0124		
cg08456723	C3orf25	0.721485	0.57231	1.17279	1.17279	0.248937	0.714174	-1.40022	0.308536	1.34232	1.34232	0.385167	1.28236	1.28236	0.557039	1.18046	1.18046	0.434387	1.800273	-1.24957	0.877459	1.0439	1.0439	0.486324	1.21846	1.21846	0.655194	1.13377	1.13377	0.666532	0.823692	1.09848	1
cg26354221	ADORA2A	0.72149	0.874558	1.11637	1.11637	0.700313	1.30926	1.30926	0.889028	0.907303	-1.10217	0.498149	1.61474	1.61474	0.53812	0.647689	-1.54395	0.332747	2.00612	2.00612	0.569603	1.49247	1.49247	0.3884	0.378674	-2.6408	0.359946	1.92671	1.92671	0.666525	5.125	6.83478	1
cg02032664	HK1;HK1;HK1;HK1;HK1	0.72159	0.581268	0.818878	-1.22139	0.951776	1.01363	1.01363	0.978366	1.0492	1.0492	0.799232	1.2602	1.2602	0.299251	0.794332	-1.25907	0.82568	1.098046	1.098046	0.716681	0.84528	-1.18302	0.811484	1.21284	1.21284	0.521955	1.75175	1.75175	0.65047	2.86	4.83261	1
cg26388642	YEATS2	0.72163	0.175083	0.794675	-1.25838	0.596059	1.08099	1.08099	0.629391	1.08057	1.08057	0.815736	0.963484	-1.0379	0.430498	0.879651	-1.13681	0.785293	1.04448	1.04448	0.55082	1.10096	1.10096	0.297113	0.841761	-1.18799	0.629301	1.08059	1.08059	0.666479	0.268057	0.357509	1
cg18839017	UBIC1	0.72165	0.482503	0.790405	-1.26502	0.660704	0.881702	-1.13417	0.838318	0.979057	-1.02121	0.719624	0.96422	-1.03729	0.662382	0.878204	-1.13849	0.82568	1.098046	1.098046	0.716681	0.84528	-1.18302	0.811484	1.08328	1.08328	0.515283	0.724864	-1.37951	0.672727	0.957446	1.044641	0.670258	0.997023	1
cg22323535	PANK4	0.72156	0.476326	0.710082	-1.40829	0.248849	1.76797	1.76797	0.477359	1.40712	1.40712	0.517334	0.733202	-1.36388	0.99381	1.00367	1.00367	0.259844	0.573692	-1.74309	0.867146	0.9239	-1.08237	0.477096	0.70152	-1.40742	0.495885	0.721169	-1.38664	0.666432	2.35895	3.14637	1
cg11585022	WDR36	0.72175	0.281243	0.220172	-4.5419	0.15028	0.124462	-8.03458	0.292681	0.228738	-4.37181	0.503482	0.399535	-2.50291	0.243813	0.192464	-5.15979	0.84763	0.710198	-1.29685	0.820385	1.35976	1.35976	0.437432	0.733131	-2.67859	0.554408	0.445724	-2.24354	0.666406	19.2725	25.7068	1
cg24953633	TMEM207	0.72177	0.226869	1.4282	1.428204	0.440581	1.44579	1.44579	0.4	1.24229	1.24229	0.478207	0.609225	-1.64433	0.842763	1.07246	-1.14626	0.34227	1.44602	1.44602	0.482882	1.4382	1.4382	0.428818	0.977557	-1.02264	0.923181	0.935859	-1.06854	0.664403	4.98578	6.65033	1
cg04528116	LRP1B	0.72181	0.624432	1.15558	1.15558	0.256208	0.706583	-1.41526	0.484868	0.812202	-1.23122	0.469438	0.805997	-1.2407	0.60382	0.857775	-1.16581	0.769654	0.917549	-1.08986	0.247081	1.42571	1.42571	0.508511	1.2172	1.2172	0.628473	0.866851	-1.1536	0.666395	0.906378	1.209	1
cg27531625	PBX1	0.72194	0.572315	0.847394	-1.17981	0.423655	0.676206	-1.47884	0.1463	1.20284	1.20284	0.877931	1.07601	1.07601	0.464414	0.701234	-1.42606	0.605164	0.77338	-1.2925	0.547486	1.3596	1.3596	0.877597	0.929385	-1.07598	0.865351	1.10445	1.10445	0.668382	1.02537	1.02537	0.666165	2.39699	3.31889	1
cg17588105F	TOP3A	0.72167	0.844246	1.12487	1.12487	0.291137	0.92658	1.92568	0.11903	2.7513	2.7513	0.958714	0.969507	-1.03145	0.985264	1.01111	-1.01111	0.364217	1.572488	1.74676	0.938693	1.04709	1.04709	0.636721	0.752327	-1.32921	0.962753	0.972451	-1.02833	0.666361	1.77648	5.03761	1
cg06247172	C5orf1;C5orf1;C5orf1	0.72161	0.559695	0.865785	-1.15369	0.627362	0.888189	-1.12589	0.37182	1.24888	1.24888	0.919801	1.38861	1.38861	0.294154	1.30178	1.30178	0.303856	1.29449	1.29449	0.98949	1.0032	1.0032	0.98383	0.9951	-1.00492	0.560946	1.15315	1.15315	0.666356	0.620002	0.827055	1
cg08350493	RBX1	0.72143	0.374451	1.34452	1.344521	0.474837	1.33733	1.33733	0.163603	1.27921	1.27921	0.526212	1.14793	1.14793	0.0882324	1.29344	1.29344	0.160465	1.41162	1.41162	0.398652	1.2396	1.2396	0.779395	0.924775	-1.08134	0.819723	0.94484	-1.05888	0.666152	0.653014	0.860762	1
cg08234618	TF	0.72163	0.181868	2.53586	2.535861	0.794202	1.18883	1.18883	0.463596	0.610421	-1.63821	0.554806	1.48475	1.48475	0.795912	0.842405	-1.18708	0.614443	0.714568	-1.39945	0.915354	0.903207	-1.10728	0.483081	1.6026	1.6026	0.224966	2.32397	2.32397	0.666352	4.62015	6.1631	1
cg02361027	UPF2	0.72165	0.866358	1.03512	1.035117	0.577104	1.45258	1.45258	0.129139	0.832211	-1.20182	0.643644	1.14317	1.14317	0.64329	0.854883	-1.17002	0.747208	0.872408	-1.14646	0.820007	0.561297	1.78159	1.78159	0.871139	0.900753	-1.10284	0.5884	1.99019	1.99019	0.666753	2.50246	3.33927	1
cg15725046	MTOR	0.72622	0.303181	0.560799	-1.78317	0.504167	0.692397	-1.44426	0.288668	0.550264	-1.81731	0.903775	0.936514	-1.06779	0.184145	0.465778	-2.14695	0.351283	0.59437	-1.68245	0.300039	0.558537	-1.79039	0.938033	1.04307	1.04307	0.703078	1.23084	1.23084	0.666339	3.1039	4.14056	1
cg16258888	PDK2	0.72627	0.856264	1.08485	1.08485	0.673779	1.32492	1.32492	0.281756	1.65259	1.65259	0.564292	1.28061	1.28061	0.294109	0.611025	-1.63661	0.479656	1.38083	1.38083	0.394292	1.6479	1.6479	0.365092	1.51879	1.51879	0.680074	0.830567	1.204	0.830567	0.666332	2.12822	2.89896	1
cg04930211	FAM19A5;FAM19A5	0.72628	0.372267	0.82537	-1.21153	0.314806	0.80411	-1.24361	0.271094	0.786558	-1.27136	0.878865	0.944965	-1.05819	0.0973511	0.715347	1.39801	0.73976	1.03178	1.03178	0.63502	1.10538	1.10538	0.454308	1.11537	1.11537	0.338134	0.764735	1.4349	1.4349	0.666249	0.756599	1.32107	0.666249	0.617975	1
cg27315170	NEU1	0.72641	0.639956	1.1564	1.1564	0.272514	0.703081	-1.42231	0.863006	1.05472	1.05472	0.336633	0.736698	-1.35745	0.402826	0.767913	-1.30223	0.338744	1.35549	1.35549	0.346318	0.741454	-1.3487	0.755272	1.10125	1.10125	0.771894	0.914242	-1.0938	0.666313	1.00402	1.3394	1
cg12542255	TOB2;TOB2	0.72683	0.914334	1.0485	1.048503	0.239917	1.17315	1.17315	0.69372	0.927344	-1.0784	0.661333	1.21857	1.21857	0.581669	1.2027	1.2027	0.638205	0.533331	-1.87501	0.964435	1.26284	1.26284	0.464426	0.946054	-1.05662	0.640166	0.776017	1.27769	1.27769	0.666254	2.61088	3.28139	1
cg08950757	SOX4	0.72696	0.589764	0.858243	-1.16517	0.909151	1.03258	1.03258	0.616814	0.867901	-1.1522	0.101579	0.604482	-1.65431	0.890185	0.961946	-1.03956	0.381566	0.778771	-1.28407	0.467744	1.2306	1.2306	0.994761	0.998158	-1.00185	0.599637	1.16038	1.16038	0.666235	0.832193	1.11031	1
cg08882091	PPP1R3F	0.72706	0.433165	2.232243	-4.46354	0.654529	0.493251	-2.27679	0.880116	0.7592	-1.31718	0.779514	13.67	13.67	2.27643	7.89671	7.89671	0.329693	0.970424	1.03057	0.945099	1.11395	1.11395	0.872718	0.746227	-1.33999	0.869612	0.740909	-1.34969	0.666222	31.5956	46.0967	1
cg06687504	RPS6KA2	0.72705	0.513786	1.56472	1.564723	0.124332	4.32316	-4.61516	0.0616	2.10212	2.10212	0.85303	0.849462	-1.17722	0.592228	0.621477	-1.60907	0.607571	1.58105	1.58105	0.247191	2.89945	2.89945	0.538626	1.93626	1.93626	0.173361	0.91055	0.90586	-1.10392	0.666228	0.816668	0.80962	1
cg27469972	CNTNAP1	0.72718	0.856822	0.969586	-1.03414	0.794409	0.952615	-1.04974	0.529903	1.12557	1.12557	0.251756	1.24928	1.24928	0.480557	0.87521	-1.14258	0.865501	0.968979	-1.03201	0.132737	1.35194	1.35194	0.735265	0.938862	-1.06512	0.944791	0.987209	-1.01296	0.662218	0.364594	0.486452	1
cg00052561	ZNF627	0.72716	0.911249	0.984947	-1.01534	0.758313	0.822837	-1.21566	0.297732	0.882972	-1.13292	0.460494	1.09628	1.09628	0.428855	0.924483	-1.08183	0.366609	1.31556	1.31556	0.583568	1.19114	1.19114	0.955843	0.982658	-1.01765	0.460865	1.26769	1.26769	0.666178	1.0532	1.4053	1
cg20746740	TECPR2	0.72745	0.356266	0.636184	-1.57187	0.421655	0.676206	-1.47884	0.1463	1.20284	1.20284	0.877931	1.07601	1.07601	0.464414	0.701234	-1.42606	0.605164	0.77338	-1.2925	0.547486	1.3596	1.3596	0.877597	0.929385	-1.07598	0.865351	1.10445	1.10445	0.668382	1.02537	1.02537	0.666165	2.39699	3.31889	1
cg22690239	STK5	0.72781	0.840952	1.13713	1.13713	0.505216	0.961091	-1.04048	0.690254	1.29201	1.29201	0.583708	0.889388	-1.12409	0.788503	0.899508	-1.11172	0.532113	1.49894	1.49894	0.22622	0.865942	-1.15481	0.653862	0.749253	-1.33466	0.114065	0.333694	2.99676	2.99676	0.66114	0.31562	5.75803	1
cg04640865	GPM6A;GPM6A;GPM6A	0.72788	0.314887	0.522823	-1.91269	0.833874	0.877167	-1.14003	0.712171	1.26016	1.26016	0.877743	0.90841	-1.10082	0.144902	0.376446	-2.65643	0.629024	0.738232	-1.35459	0.184243	0.415234	-2.40828	0.434052	0.607682	-1.6456	0.962047	1.03014	1.03014	0.666106	4.1056	5.48189	1
cg04843814	DPYSL5;DPYSL5;DPYSL5	0.72792	0.323217	0.654555	-1.52813	0.524842	0.577275	-1.73205	0.935335	1.20729	1.20729	0.229605	1.24004	1.24004	0.0944641	1.28867	1.28867	0.627202	0.533331	-1.87501	0.964435	1.26284	1.26284	0.464426	0.946054	-1.05662	0.640166	0.776017	1.27769	1.27769	0.666254	2.61088	3.28139	1
cg25431597	TOB2;TOB2	0.72794	0.200523	0.82993	-1.20492	0.721482	1.05059	1.05059	0.829966	1.03009	1.03009	0.836882	1.02883	1.02883	0.752201	1.04464	1.04464	0.435893	1.11582	1.11582	0.477521	1.10469	1.10469	0.317349	0.866197	-1.15447	0.411346	0.890639	-1.12279	0.666098	0.200526	0.267597	1
cg17717662	HIC1;HIC1	0.72803	0.583091	0.822837	-1.21594	0.314806	0.80411	-1.24361	0.271094	0.786558	-1.27136	0.878865	0.944965	-1.05819	0.0973511	0.715347	1.39801	0.73976	1.03178	1.03178	0.63502	1.10538	1.10538	0.454308	1.11537	1.11537	0.338134	0.764735	1.4349	1.4349	0.666249	0.756599	1.32107	0.666249	0.617975	1
cg26158580	DENND2D	0.72815	0.265879	0.372276	-2.68618	0.278735	2.61139	2.61139	0.963195	1.04011	1.04011	0.457908	0.525059	-1.90455	0.24668	0.356128	-2.80798	0.662644	0.687882	-1.45374	0.617405	0.651008	-1.53608	0.565784	0.609712	-1.64012	0.429222	0.502685	-1.98932	0.666067	7.66287	10.2263	1
cg10689127	PODNL1;DCAF15;PODNL1	0.72817	0.961727	1.02854	1.028554	0.918055	1.06222	1.06222	0.52045	0.682448	-1.46531	0.828541	0.880532	-1.13568	0.113406	0.364085	-2.74661	0.761114	0.86234	-1.15983	0.322532	1.82093	1.82093	0.74462	1.21131	1.21131	0.530176	1.45204	1.45204	0.666065	1.62876	4.84272	1
cg18572061	ZNF292;ZNF292;ZNF292	0.72819	0.653793	1.04754	1.047536	0.514313	0.82837	-1.20766	0.329732	0.882972	-1.13292	0.460494	1.0909	1.0909	0.224488	0.9508	-1.05187	0.938357	1.02566	1.02566	0.829813	1.47037	1.47037	0.965791	1.01259	1.01259	0.925072	0.972935	-1.02782	0.666262	0.87048	1.19773	1
cg11676291	MORN1	0.72182	0.993157	1.0038	1.0038	0.144258	0.49999	-2.00004	0.472318	1.38135	1.38135	0.537149	0.777562	-1.28607	0.391485	0.678414	-1.47403	0.749635	1.15199	1.15199	0.372494	1.49873	1.49873	0.738405	0.862328	-1.15965	0.90744	1.05274	1.05274	0.666062	2.06017	2.74939	1
cg24104284	HAC1;LBTD	0.72819	0.890917	1.09045	1.090455	0.716084	1.46538	1.46538	0.194153	1.01945	1.01945	0.686803	0.899641	-1.11155	0.865128	0.945314	-1.0456	0.391998	0.79547	-1.25712	0.254984	0.794158	1.25897	1.25897	0.394158	1.42094	0.955927	1.1	1.19827	1.19827	0.666319	0.718444	0.958427	1
cg03353474	EGFL8	0.72847	0.662456	0.904801	-1.10522	0.822383	1.05254	1.05254	0.713968	1.08746	1.08746	0.428764	1.202	1.202	0.401445	0.822347	1.21603	0.532113	1.49894	1.49894	0.22622	0.865942	-1.15481	0.653862

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1477 vs. N)	Fold-Change(3 vs.1477)	p-value(1537 vs. N)	Fold-Change(3 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
ai14167389	MTMR9L	0.122418	0.326405	0.523994	-1.90842	0.510444	0.053237	-1.53894	0.18613	0.4808982	-2.4451	0.277148	0.4863201	-2.05634	0.887584	1.09619	1.09619	0.475243	0.629322	-1.58001	0.164653	0.388244	-2.57438	0.895541	0.919626	-1.0874	0.720189	0.794918	-1.25799	0.66522	4.28616	5.72758	1
gi13683990	CDL11A2;CDL11A2;CDL11A2;CDL11A2	0.722445	0.526903	0.243287	-1.33994	0.594012	0.703853	-1.42075	0.44116	1.28898	1.289898	0.610726	1.18102	1.18102	0.369514	0.741795	-1.34808	0.396594	0.754774	-1.3249	0.809723	0.716026	0.885995	-1.12867	0.355418	1.36082	0.665181	1.10653	1.47666	1
gi14388961	CDB1	0.722465	0.657622	0.722757	-1.38359	0.132023	0.126516	-2.63135	0.441145	1.77138	1.77138	0.919038	0.942387	-1.06114	0.238556	0.407126	-2.45606	0.818457	0.845899	-1.18217	0.906357	0.969759	-1.03118	0.923684	0.72724	1.07224	0.901342	0.913679	-1.09448	0.665167	5.58395	7.45958	1
gi14396711	FGD5	0.722456	0.264638	0.532467	-1.87805	0.741081	0.19691	1.19691	0.908857	1.06405	1.06405	0.885239	1.08143	1.08143	0.130218	0.480258	-2.04391	0.62731	0.76707	-1.30372	0.140831	0.423724	-2.36003	0.995812	1.00285	1.00285	0.813413	0.879705	-1.13674	0.665166	3.09558	4.13676	1
gi17402279	FAM120B	0.722457	0.823877	0.860372	-1.16229	0.0955998	0.290796	-1.43884	0.266119	0.457596	-2.18534	0.820647	1.16556	1.16556	0.673544	0.751354	-1.33093	0.549866	0.664853	-1.50409	0.825497	0.861587	-1.16065	0.816374	1.16992	1.16992	0.596409	1.49416	0.666164	4.79526	6.40812	1
gi13352907	POLR2J4	0.722463	0.663065	0.928626	-1.07686	0.602521	1.09281	1.09281	0.730674	1.0601	1.0601	0.432345	0.873408	-1.14494	0.770448	1.05066	1.05066	0.90667	0.980384	-1.02001	0.677145	1.07329	1.07329	0.4729	0.883986	-1.13124	0.106236	1.34714	1.34714	0.665156	0.300569	0.401668	1
gi16962275	NCRNA00171	0.722464	0.769734	1.21944	1.21944	0.240604	2.07447	2.07447	0.39184	1.80932	1.80932	0.556467	1.43497	1.43497	0.246691	0.441055	-2.2675	0.871024	0.896001	-1.11607	0.365487	0.548068	-1.82459	0.461613	1.65948	1.65948	0.904193	1.084	1.08478	0.665155	4.81163	6.43099	1
gi18146824	RTBDN;RTBDN	0.722467	0.346076	0.708767	-1.4109	0.228662	0.638983	-1.56499	0.132052	0.6049541	-1.4398	0.255928	0.636927	-1.57004	0.01959	0.837333	-1.19427	0.685372	0.86546	-1.15545	0.170617	0.959923	-1.67807	0.399674	0.736493	-1.35779	0.9051	0.958572	-1.04322	0.665115	1.32575	1.7717	1
gi10469594	FN3K	0.722468	0.770346	0.942203	-1.06134	0.793592	1.05478	1.05478	0.531192	1.1377	1.1377	0.704033	0.925312	-1.08072	0.84984	0.962186	-1.0393	0.844445	1.04076	1.04076	0.257465	1.2717	1.2717	0.310439	0.807789	-1.23795	0.199068	0.758824	-1.31783	0.665149	0.435757	0.582335	1
gi10165170	FEX14	0.722473	0.644866	0.753106	-1.32783	0.728337	1.39675	1.39675	0.150731	1.44238	1.44238	0.130731	1.34239	1.34239	0.085968	0.987011	-1.01316	0.980638	0.893773	-1.11907	0.210821	0.875655	1.12347	1.12347	0.162733	1.46153	0.916905	0.925545	-1.08068	0.806127	0.916017	-1.09167	0.665142	5.82264	7.78311	1
gi12587701	MAD1L1;MAD1L1;MAD1L1	0.722494	0.252274	0.223641	-4.51176	0.745632	0.663586	-1.50696	0.861741	0.840823	-1.28026	0.828784	0.761198	-1.31372	0.181339	0.167333	-5.97611	0.869738	0.813201	-1.22971	0.926633	0.890443	-1.12304	0.810634	0.166791	-5.99553	0.234769	0.208242	-4.80221	0.665115	16.7204	22.346	1
gi13441254	MAD1L1;MAD1L1;MAD1L1	0.722501	0.687971	1.15946	1.15946	0.506233	0.78101	-1.28039	0.441357	1.33182	1.33182	0.220076	0.623415	-1.60402	0.704213	0.869549	-1.15002	0.180128	0.59198	-1.68481	0.699556	1.15271	1.15271	0.901722	0.950735	-1.04631	0.597724	0.82271	-1.21549	0.665103	1.41474	1.89076	1
gi20393525	NAGLU	0.722515	0.761338	0.881544	-1.13497	0.181262	1.79934	1.79934	0.831832	1.09089	-1.09092	0.583628	1.25746	1.25746	0.308343	0.646359	-1.54713	0.726007	0.864486	-1.15676	0.648719	0.845742	-1.18239	0.936626	0.967623	-1.03346	0.288703	1.57752	1.57752	0.665082	1.8044	2.4116	1
gi19750533	RCL1	0.722524	0.727212	1.10303	1.10303	0.754681	1.10174	1.09174	0.288689	0.734608	-1.36127	0.341833	1.31555	1.31555	0.995368	1.00222	1.00222	0.739774	1.09784	1.09784	0.313214	1.33922	1.33922	0.243902	0.710776	-1.40691	0.881533	1.04264	1.04264	0.665047	0.825883	1.10386	1
gi18695411	MGC72080	0.722542	0.160941	1.34282	1.34282	0.934895	0.935572	-1.04869	0.571642	1.39428	1.39428	0.838209	1.12624	1.12624	0.77722	0.847937	-1.17933	0.90336	0.931805	-1.07319	0.956206	1.02494	1.02494	0.452129	1.58872	1.58872	0.121119	2.62542	2.65742	0.665045	3.56142	4.76015	1
gi21966319	PALLD;PALLD	0.722545	0.800289	0.814493	-1.22776	0.242046	0.69436	1.69436	0.114531	4.01237	4.01237	0.68933	0.722325	-1.38442	0.854267	0.861711	-1.16048	0.760252	0.780556	-1.28114	0.885773	0.89016	-1.12339	0.716029	1.3441	1.3441	0.628453	0.673873	-1.48396	0.66504	0.9015	0.92451	1
gi14201929	GRIN2B KIAA1026;KIAA1026;KIAA1026;KIAA102	0.722549	0.978014	0.12561	1.02561	0.688759	0.690901	-1.44739	0.494888	0.52862	-1.89172	0.820893	1.23138	1.23138	0.816605	0.807974	-1.23766	0.897864	0.888829	-1.12508	0.493839	0.527771	-1.89476	0.339756	0.403721	-2.47696	0.0729361	0.15457	-6.46057	0.663686	8.66447	10.1539	1
gi07303052	6	0.722584	0.805287	0.911311	-1.09732	0.199643	1.6645	1.6645	0.219786	1.62448	1.62448	0.769419	0.895361	-1.11687	0.395206	0.720777	-1.38739	0.703967	0.86628	-1.15436	0.698966	1.15734	1.15734	0.767903	0.894687	-1.11771	0.600817	0.819948	-1.21959	0.664986	1.48912	1.99052	1
gi16883848	CYP27B1	0.722586	0.226853	0.495686	-2.01805	0.866778	0.911546	-1.0974	0.425323	1.79966	1.79966	0.499219	0.665232	-1.50324	0.421265	0.634572	-1.57586	0.294379	0.547693	-1.82584	0.758916	0.84432	-1.18579	0.604884	0.727039	-1.37544	0.405048	0.624002	-1.60256	0.664983	3.22742	4.31413	1
gi06209143	MGMT	0.722587	0.79358	0.948935	-1.05381	0.498828	0.871766	-1.1471	0.406455	0.843787	-1.18501	0.342468	0.822429	-1.21591	0.57926	0.894091	-1.11845	0.080907	0.67919	-1.47234	0.72714	1.07254	1.07254	0.753932	0.930083	-1.06487	0.469197	0.863133	-1.15857	0.664981	0.420761	0.562438	1
gi18149593	CDX2;AL ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.722589	0.919101	1.02816	1.02816	0.384942	1.27574	1.27574	0.223543	1.41852	1.41852	0.623338	1.14491	1.14491	0.865461	1.04745	1.04745	0.491566	0.82614	-1.21045	0.251367	0.720633	-1.38767	0.614415	0.870337	-1.14898	0.641096	1.13695	1.13695	0.664979	0.787156	1.05221	1
gi10181775	M2;ABLIM2;ABLIM2	0.722623	0.776325	0.909334	-1.09971	0.994506	1.0023	1.0023	0.79665	0.917446	-1.08998	0.513635	1.24735	1.24735	0.672604	0.870038	-1.14937	0.924036	1.02033	1.02033	0.364658	0.733754	-1.36285	0.170899	1.62663	1.62663	0.251801	1.49102	0.49102	0.69403	1.17242	1.56731	1
gi22865769	GATS;GATS;GATS	0.722682	0.679977	0.809461	-1.15014	0.546749	1.22818	1.22818	0.525749	1.24195	1.24195	0.391804	1.04029	-1.34403	0.339133	0.71746	-1.39381	0.847171	1.06721	1.06721	0.169452	0.916526	-1.61766	0.585323	1.20404	1.20404	0.886662	1.04924	1.04924	0.664848	1.19591	1.59801	1
gi14912168	ZNF609	0.722693	0.957745	1.00755	1.00755	0.858467	1.04515	1.04515	0.431632	0.819895	-1.21967	0.589633	0.873955	-1.14422	0.421129	1.22548	1.22548	0.513538	0.8488	-1.17813	0.252866	1.34378	1.34378	0.219813	1.37606	1.37606	0.835778	1.0527	1.0527	0.664832	0.644567	0.861793	1
gi20896001	DDIT4L	0.722694	0.520895	0.849454	-1.17749	0.725222	0.645536	-1.66209	0.981621	0.862158	-1.15988	0.822193	0.962305	-1.03917	0.336884	1.18413	1.18413	0.386027	0.85926	-1.16376	0.707367	1.06172	1.06172	0.31801	1.19628	1.19628	0.664531	0.908846	0.908846	0.410258	0.641535	1
gi06924622	ESYT2	0.722706	0.472456	0.758412	-1.31854	0.33227	0.640585	-1.46006	0.662233	1.18095	1.18095	0.737505	0.713571	1.13573	0.647285	1.19043	1.19043	0.325573	0.681069	-1.46828	0.613691	0.824801	-1.21241	0.905698	1.04586	1.04586	0.21285	1.64287	0.64287	0.664814	1.50755	2.01567	1
gi08149789	BRD2;BRD2	0.722788	0.65995	1.53727	1.53727	0.925894	0.913611	-1.09456	0.734296	1.39217	1.39217	0.695866	0.682815	-1.46453	0.734858	1.39115	1.39115	0.134737	0.208861	-4.78787	0.548048	0.554145	-1.80458	0.55779	1.77851	1.77851	0.301418	2.82875	2.82875	0.664699	0.92948	1.23785	1
gi27405121	PHF20	0.722789	0.53887	1.37394	-1.67883	0.47	1.14945	1.14945	0.10305	1.47494	1.47494	0.196188	1.94441	1.94441	0.154403	2.2355	2.2355	0.19055	1.01909	1.01909	0.944353	1.97122	1.97122	0.047285	0.900753	1.11018	0.647266	0.223036	1.95128	0.95128	2.51	3.1228	1
gi26687844	CAV1;CAV1	0.722814	0.320724	1.13601	1.13601	0.452751	0.909305	-1.09974	0.831793	0.97422	-1.02646	0.467744	1.09619	1.09619	0.259791	1.14995	1.14995	0.204308	1.18126	1.18126	0.818913	0.971899	-1.02891	0.586605	1.07063	1.07063	0.833345	0.974151	-1.02654	0.664662	0.162629	0.217493	1
gi17166698	GUSB	0.722819	0.343334	0.705104	-1.41806	0.307772	0.777372	-1.28641	0.488109	1.11257	1.11257	0.543979	0.703814	-1.42137	0.453073	1.08334	1.08334	0.177518	0.564975	-1.77013	0.584155	0.961496	-1.04005	0.941744	1.11144	1.11144	0.604646	0.707313	0.707313	0.664677	0.539313	0.720263	1
gi16282820	TRIM42	0.722835	0.930816	0.966049	-1.03514	0.228793	0.605077	-1.65268	0.741911	0.876817	-1.14049	0.436427	0.729196	-1.37137	0.347752	0.680749	0.46897	0.764813	0.887502	-1.12676	0.26173	0.627799	-1.59287	0.928281	0.964824	-1.03646	0.123451	0.514923	-1.94204	0.664632	1.66555	2.22753	1
gi19476918	DNAH17	0.722835	0.702717	1.14677	1.14677	0.722241	0.880318	-1.15595	0.842348	0.93135	-1.07371	0.919795	0.615127	-1.62568	0.318402	0.69191	-1.44528	0.763647	0.897893	-1.11372	0.533901	0.798511	-1.25233	0.48284	0.775135	-1.2901	0.12584	0.553464	-1.8068	0.664632	1.34265	1.79569	1
gi20292636	PLEKHA6	0.722851	0.443817	1.19048	1.19048	0.427407	0.78737	-1.2702	0.483549	1.16676	1.16676	0.725003	0.897	1.1197	0.822833	0.84969	-1.17723	0.523737	0.76284	-1.31107	0.551732	0.813979	0.8999	1.11123	0.822833	0.40849	1.14945	0.774051	0.88508	-1.12984	0.664629	1.89335	2.53228	1
gi18236477	ATP8A2	0.722863	0.736711	1.07814	1.07814	0.34815	0.806246	-1.24032	0.303225	1.26842	1.26842	0.760404	1.08882	1.08882	0.932856	0.981387	-1.01897	0.715537	1.08503	1.08503	0.237112	0.75869	-1.31806	0.761961	0.934507	-1.07008	0.337787	1.24648	1.24648	0.664593	0.523259	0.698855	1
gi20052214	TTYH3	0.722865	0.774163	1.08975	1.08975	0.460088	0.845157	-1.18317	0.334268	1.13525	1.13525	0.272758	0.892525	1.12005	0.520482	1.0213	1.0213	0.774155	0.848136	-1.17906	0.503196	0.677725	0.847552	1.17989	0.749377	1.33409	0.410258	0.643073	0.643073	0.664535	1		1
gi14133572	TOMM40L	0.722865	0.908444	1.02156	1.02156	0.204165	1.28199	-1.28199	0.165614	1.31537	1.31537	0.858051	1.03375	1.03375	0.646294	1.08433	1.08433	0.737559	0.93056	-1.06433	0.427002	0.860408	-1.16224	0.928139	0.983417	-1.01686	0.452436	1.15246	1.15246	0.66459	0.361713	0.483791	1
gi18270760	NASGEF1A MINK1;MINK1;MINK1;MINK1;MINK1;MINK1;M	0.722878	0.734767	0.856642	-1.16735	0.635348	0.804629	-1.24281	0.953018	0.973546	-1.02717	0.924043	1.04435	1.04435	0.185417	0.527821	-1.89458	0.820264	0.901627	-1.10911	0.548591	0.758657	-1.31812	0.434838	0.695881	-1.43703	0.0910519	0.428702	-2.33263	0.664572	2.17937	2.91498	1
gi04679919	INK1;MINK1;MINK1	0.722881	0.560037	1.11316	1.11316	0.802094	0.96707	-1.03309	0.722296	1.06816	1.06816	0.973201	1.00623	1.00623	0.586096	1.10694	1.10694	0.452689	0.868169	-1.15185	0.764877	1.15099	1.05599	0.47305	0.87384	-1.14437	0.0932632	1.39643	1.39643	0.664565	0.35941	0.480729	1
gi08866589	KIAA0141;KIAA0141	0.722881	0.464033	1.09603	1.09603	0.478839	2.03907	2.03907	0.356959	1.24914	1.24914	0.53164	1.18444	1.18444	0.344655	1.39376	1.39376	0.571155	0.744039	-1.34402	0.7	0.7	0.460992	1.17237	0.743572	1.44739	0.288805	1.00721	1.00721	0.664848	0.619591	0.83261	1
gi02787980	PNOC;PNOC	0.722891	0.916093	0.950307	-1.05229	0.323237	1.638	1.638	0.455176	0.692188	-1.44469	0.702501	0.840358	-1.18997	0.794971	0.881657	-1.13423	0.814399	1.12046	1.12046	0.56464	1.32526	1.32526	0.288137	0.586629	-1.70466	0.19623	0.516364	-1.93662	0.66454	2.46197	3.29313	1
gi14829203	RPL9P;RPL9	0.722901	0.221516	0.740628	-1.35015	0.408277	1.1786	1.1786	0.951903	1.08588	-1.08588	0.814143	0.646736	-1.54628	0.822193	1.24815	1.24815	0.802966	1.1344	1.1344	0.0973535	1.54035	1.54035	0.0194561	0.0238784	1.32985	0.0194561	0.0238784	1.32985	0.0194561	0.0238784	1.32985

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg26010711	ERMAP;ERMAP	0.723654	0.919283	0.930296	-1.07493	0.514504	0.624275	-1.60186	0.284512	0.452732	2.208185	0.833253	1.16215	1.16215	0.547603	0.648131	-1.5429	0.328481	0.487274	-2.05223	0.464405	0.588153	-1.70204	0.312055	2.10735	2.10735	0.461624	1.70608	0.66348	5.31896	7.15281	1
cg25946909	AHI1;C6orf217;AHI1;AHI1;AHI1	0.723658	0.450921	1.14114	1.14114	1.077722	1.2791	1.27913	0.763833	1.05316	1.05316	0.56189	1.13604	1.13604	0.157747	1.29644	1.29644	0.40155	1.15902	1.15902	0.524155	1.11734	1.11734	0.693761	0.934242	-1.07039	0.912102	0.981199	-1.01916	0.663474	0.310433	0.415902	1
cg21569394	SNRPF	0.723671	0.962543	1.00813	1.00813	0.644938	1.08326	1.08326	0.199543	1.26315	1.26315	0.909609	1.01977	1.01977	0.682226	1.07353	1.07353	0.879407	1.02651	1.02651	0.336796	0.843082	-1.13612	0.324821	1.19154	1.19154	0.229611	1.24268	1.24268	0.663456	0.312154	0.41822	1
cg01059116	GLIS1	0.723678	0.260994	0.193256	-5.17449	0.547723	0.426127	-2.34063	0.433489	0.326065	-3.06688	0.899699	1.1934	1.1934	0.819119	0.7253	-1.37874	0.257969	0.19107	-5.23357	0.265121	0.05572	0.05572	0.490016	0.374267	-2.67292	0.678092	0.557506	-1.7937	0.663447	20.658	27.6777	1
cg19995539	RAB35;RAB35	0.723701	0.348213	0.6021	-1.66085	0.690882	1.23364	1.23364	0.469353	1.47208	1.47208	0.97204	0.981758	-1.01858	0.206884	0.496957	-2.01225	0.702333	0.817333	-1.22349	0.237221	0.522196	-1.91499	0.750067	0.845454	-1.1828	0.621284	1.299	1.299	0.663414	2.8993	3.88469	1
cg25652701	ATXN7L1	0.723714	0.663251	1.16237	1.16237	0.840598	1.07161	1.07161	1.08561	0.268085	0.672897	-1.48611	0.348498	0.717872	-1.39303	0.576541	0.828464	-1.21379	0.45293	1.30054	1.30054	0.588928	1.20545	1.20545	0.476555	1.2822	1.2822	0.361655	0.724686	-1.37991	0.663395	1.29312	1.6603	1
cg10882606	NUS1	0.723729	0.611358	0.916746	-1.09081	0.647155	1.08131	1.08131	0.374238	1.16732	1.16732	0.660142	1.07795	1.07795	0.458133	1.13673	1.13673	0.664279	0.928603	-1.07689	0.130409	0.757986	-1.31929	0.748976	1.05597	1.05597	0.876277	1.02678	1.02678	0.663375	0.302309	0.405079	1
cg16635948	SHSRF3	0.723748	0.881004	1.00909	1.00909	0.524637	1.46682	1.46682	0.441604	0.627356	-1.59399	0.79118	0.854121	-1.13079	0.49858	1.50412	1.50412	0.238967	2.08089	2.08089	0.166887	2.39043	2.39043	0.536028	1.45115	1.45115	0.796562	0.857439	-1.16628	0.663348	3.70933	4.97053	1
cg08367434	HEATR2	0.723752	0.747463	1.04877	1.04877	0.466817	1.8E+091	-1.11534	0.264812	0.942551	-1.6887	0.779733	0.998171	-1.00255	0.304982	0.85638	-1.16771	0.380049	1.14182	1.14182	0.577658	1.08645	1.08645	0.903117	0.870493	-1.14877	0.747905	0.953575	-1.04869	0.663341	0.228302	0.305929	1
cg12032377	CPNE6	0.723759	0.976605	1.01743	1.01743	0.686057	1.27056	1.27056	0.805553	0.864732	-1.15643	0.638452	1.32164	1.32164	0.897497	0.92686	-1.0789	0.260899	1.99559	1.99559	0.160918	2.41675	2.41675	0.319836	0.545665	-1.83263	0.754406	0.831168	-1.20313	0.663332	3.6479	4.88831	1
cg21154793	CACNG6;CACNG6;CACNG6	0.723763	0.932979	1.02307	1.02307	0.844602	1.28325	1.28325	0.515282	1.12963	1.12963	0.719931	1.08188	1.08188	0.905479	0.89701	-1.11509	0.526278	0.605046	-1.65207	0.394183	0.41353	0.41353	0.519512	1.19109	1.19109	0.663127	0.447184	0.663952	1
cg03171646	HSF2;HSF2	0.723776	0.36446	1.36104	1.36104	0.803063	0.920672	-1.08616	0.873814	1.05398	1.05398	0.9894	0.995615	-1.0044	?	?	?	?	?	?	?	?	?	?	0.243047	0.642163	-1.55724	0.799599	1.08778	1.08778	0.349004	1.37562	1.37562	0.627258	0.845376	1.54026	1
cg18374830	LVRAG	0.723778	0.690681	1.12212	1.12212	0.686474	0.88068	-1.1247	0.864092	0.951848	-1.05039	0.934456	1.28636	1.28636	0.960582	1.0143	1.0143	0.134787	0.628479	-1.59114	0.860015	0.950421	-1.05217	0.571949	1.17883	1.17883	0.335828	1.33094	1.33094	0.663303	0.871754	1.16823	1
cg19979405	DHX16;DHX16;DHX16	0.723784	0.815238	1.06395	1.06395	0.78279	0.929425	-1.07593	0.538506	0.670853	-1.49064	0.993365	1.00221	1.00221	0.990531	1.00315	1.00315	0.772171	0.925996	-1.07992	0.374563	0.682182	-1.46588	0.566814	1.1657	1.1657	0.365457	0.781716	-1.27924	0.663297	0.73681	0.987405	1
cg06221695	MYT1Y	0.723787	0.257065	0.754139	-1.33078	0.850825	1.04653	1.04653	0.676106	0.909475	-1.10084	0.708491	1.09449	1.09449	0.822156	0.947064	-1.0559	0.760742	0.928871	-1.07658	0.096348	0.643331	0.643331	0.554754	0.921141	-1.08561	0.348407	0.791974	-1.26267	0.663293	0.613135	0.821671	1
cg24008238	MLL74	0.723788	0.322687	1.73927	1.73927	0.91102	1.06109	1.06109	0.842323	1.11444	1.11444	0.361934	1.64396	1.64396	0.560075	1.36695	1.36695	0.557282	0.673738	-1.48426	0.822341	0.861027	-1.1614	0.225795	0.428993	-2.33104	0.492737	1.58866	1.58866	0.663267	4.65021	6.23206	1
cg13744508	FIBCD1;FIBCD1	0.723806	0.579755	0.689253	-1.45085	0.267261	0.463493	-2.15753	0.764338	1.22145	1.22145	0.719275	1.27143	1.27143	0.256217	0.454514	-2.20015	0.557282	0.673738	-1.48426	0.822341	0.861027	-1.1614	0.225795	0.428993	-2.33104	0.492737	1.58866	1.58866	0.663267	4.65021	6.23206	1
cg22109231	LPGAT1;LPGAT1	0.723808	0.387151	0.820919	-1.24546	0.950457	0.984791	-1.01551	0.708852	0.911303	-1.09733	0.29926	0.766335	-1.30525	0.979653	0.993705	-1.00633	0.301266	0.767042	-1.30371	0.431054	0.835543	-1.22019	0.595922	1.1417	1.1417	0.279525	1.32133	1.32133	0.663263	0.644007	0.863216	1
cg04107525	PKD111	0.723818	0.939876	0.988201	1.01186	0.671018	0.934598	-1.06554	0.681254	1.0037	1.0037	0.142189	1.28179	1.28179	0.829051	1.03461	1.03461	0.859851	1.0282	1.0282	0.294784	1.18645	1.18645	0.301053	0.844848	-1.18364	0.819397	0.964657	-1.01664	0.663245	0.204045	0.348516	1
cg00472277	TSPAN32	0.723846	0.961358	0.964455	-1.03685	0.36554	0.499333	-2.00267	0.437735	0.553602	-1.80635	0.312542	2.18223	2.18223	0.310232	0.456421	-2.19096	0.97055	0.9728	-1.02796	0.463962	0.57304	-1.74508	0.50498	0.603306	-1.65753	0.251346	0.408513	-2.4479	0.66321	5.86107	7.83549	1
cg27587195	MCC;MCC PPCS;ZMYND12;ZMYND12-PPCS;ZMYN	0.723846	0.620051	0.887957	-1.12598	0.835062	0.951712	-1.05074	0.562797	0.988006	-1.01112	0.602858	0.909802	-1.09914	0.994803	0.993808	0.973015	0.124115	0.672674	-1.4866	0.341169	0.791712	0.791712	0.105827	0.298007	1.29289	1.29289	0.663189	0.595536	0.798211	1
cg26059078	D12;ZMYND12	0.723883	0.859988	0.952583	-1.04978	0.435417	0.803365	-1.24476	0.390227	0.784867	-1.2741	0.305197	1.33928	1.33928	0.503295	1.16048	1.16048	0.814776	0.937472	-1.0667	0.428719	1.24893	1.24893	0.239915	1.40294	1.40294	0.670872	1.12481	1.12481	0.663157	0.795097	1.06574	1
cg01486558	TRAK1;TRAK1	0.723887	0.613956	0.652751	-1.53198	0.0983326	0.218631	-4.57392	0.798458	0.806881	-1.23934	0.799171	0.80751	-1.23837	0.4608	0.532758	-1.87703	0.204912	0.32572	-3.07012	0.392062	0.479341	-2.0862	0.428429	0.507648	-1.96987	0.979798	1.02146	1.02146	0.663138	7.38626	9.90076	1
cg08086724	SFTA3	0.723889	0.592739	0.69983	1.66983	0.497935	0.506591	-1.96622	0.98317	0.979486	-1.02094	0.376175	2.44101	2.44101	0.87039	1.17405	1.17405	0.184096	0.250437	-3.99303	0.615613	0.608085	-1.64451	0.297431	2.89053	2.89053	0.87838	1.16238	1.16238	0.663135	10.141	13.5594	1
cg12484118	FOXN3;FOXN3	0.723912	0.818869	0.877711	-1.13933	0.813341	1.14397	1.14397	0.165366	2.31968	2.31968	0.713031	0.805533	-1.23976	0.278622	0.526095	-1.89762	0.747834	0.83241	-1.20133	0.96029	1.02872	1.02872	0.350026	0.57867	-1.7281	0.566899	1.1989	1.1989	0.663119	3.39613	4.53241	1
cg04717320	MAP3K6	0.723917	0.860327	0.94185	-1.06174	0.256372	1.49629	1.49629	0.994758	1.00024	1.00024	0.73987	1.12002	1.12002	0.445636	0.767618	-1.30273	0.321052	0.705578	-1.41728	0.584986	1.20634	1.20634	0.344195	0.660712	-1.51352	0.664111	0.861896	-1.16023	0.663111	1.21517	1.62891	1
cg04798303	MRK35;WIPI1	0.723921	0.544634	0.868331	-1.15163	0.809287	1.66798	1.66798	0.414364	0.832523	-1.2118	0.79116	0.940751	-1.06299	0.289205	0.776324	-1.28812	0.237248	1.3297	1.3297	0.361054	0.810549	0.810549	0.137401	0.22107	-4.52507	0.197408	0.178962	0.08092	0.663104	0.556216	0.745606	1
cg21021641	OR2H2	0.723962	0.602257	0.59598	1.05958	0.304542	0.782729	-1.27758	0.616263	0.881511	-1.12346	0.497128	0.853145	-1.17213	0.139016	0.6929	1.44321	0.9474	1.0532	1.0532	0.845134	1.04609	1.04609	0.432519	0.831487	-1.20266	0.812216	0.772216	1.29497	0.663046	0.577337	0.747228	1
cg27317127	JAKMIP1;JAKMIP1	0.72397	0.797795	1.2267	1.2267	0.468483	1.79864	1.79864	0.326145	2.24082	2.24082	0.479181	0.564098	-1.77274	0.341158	0.45811	-2.18288	0.319081	0.440655	-2.26935	0.43302	1.89035	1.89035	0.828371	0.841314	-1.18862	0.657329	0.70095	-1.42663	0.663035	6.6511	8.91698	1
cg14082413	UBXN11;UBXN11;UBXN11	0.723973	0.878881	0.855135	1.16929	0.74158	1.36345	1.36345	0.17	?	?	?	1.36434	1.36434	0.156354	1.34176	1.34176	0.11705	0.556354	-1.79776	0.0537	?	?	?	0.907274	1.12701	1.12701	0.740139	1.40767	0.661274	6.36443	10.5849	1
cg12762715	DNAJA1	0.723987	0.908248	0.95848	-1.04332	0.674736	0.856205	-1.16795	0.310342	1.47126	1.47126	0.88055	0.946191	-1.05687	0.952393	1.02084	1.02084	0.899682	0.95467	-1.04748	0.852812	0.933966	-1.0707	0.118215	0.535838	-1.86624	0.291378	0.668507	-1.49587	0.663011	1.42067	1.90467	1
cg07580867	LOC283850;LOC283850;LOC283850;LOC283850	0.723993	0.364945	0.81851	1.22063	0.6553	0.884211	-1.13056	0.594013	0.980904	1.00234	0.153564	1.08456	1.08456	0.732813	0.934247	-1.07033	0.170484	0.335136	-2.98256	0.336018	0.718304	0.718304	0.0756	1.18304	1.18304	0.694204	1.07562	1.07562	1.07566	0.663078	3.1613	4.23721	1
cg11537607	DPYSL2	0.723994	0.864091	1.07935	1.07935	0.294863	0.616168	-1.62293	0.589259	0.784301	-1.27502	0.98538	0.991866	-1.0082	0.543473	0.760246	-1.31536	0.312296	1.59343	1.59343	0.352263	1.53215	1.53215	0.420087	0.692689	-1.44365	0.434747	0.701009	-1.42652	0.663001	2.0862	2.79697	1
cg02272447	FAM76B;CEP57	0.723998	0.632504	1.36574	1.36574	0.368376	1.818	1.818	0.624774	1.57562	1.57562	0.469297	1.6101	1.6101	0.517065	0.653791	-1.52954	0.168813	2.58192	2.58192	0.777163	0.833295	0.833295	0.214017	0.24127	-4.14507	0.241127	0.242696	0.43949	0.663095	0.439493	0.589235	1
cg18031336	DCBLD1	0.723999	0.221144	1.33893	1.33893	0.825125	1.07998	1.07998	0.164998	0.694808	0.932541	-1.07234	0.477201	1.13835	1.13835	0.347977	0.944605	0.170476	0.432043	0.595373	-1.67962	0.962714	1.03069	1.03069	0.425764	0.590984	-1.69209	0.631195	0.731402	-1.36724	0.626932	3.22983	5.88778	1
cg15693091	BBS1	0.724005	0.961811	1.00676	1.00676	0.707354	0.986531	1.05351	0.643464	1.18717	1.18717	0.594613	0.927401	-1.07825	0.922201	1.01383	1.01383	0.643623	0.598386	-1.67094	0.152484	0.33701	0.33701	0.14938	1.14938	1.14938	0.407825	1.12586	1.12586	0.662896	0.207729	0.278509	1
cg21179088	VSTM2A	0.724006	0.470781	0.708496	-1.41044	0.650981	0.697153	-1.43441	0.971505	0.988353	-1.01692	0.982609	0.991914	-1.00815	0.427799	0.683676	-1.46268	0.340342	1.58654	1.58654	0.350975	0.637055	-1.56972	0.261177	1.73615	1.73615	0.271371	0.84948	-1.17719	0.662984	2.31664	3.106	1
cg16249798	MTF1	0.724015	0.731897	1.19157	1.19157	0.343862	0.608382	-1.64371	0.835089	0.8995	-1.11173	0.912106	0.945251	-1.05792	0.725553	1.1967	1.1967	0.547166	1.36409	1.36409	0.115872	0.418529	-2.38932	0.499215	1.4185	1.4185	0.798529	1.13924	1.13924	0.662972	2.72739	3.65679	1
cg20540359	HSU1;RSU1	0.724029	0.546403	0.85745	1.16645	0.635574	1.1337	1.1337	0.634564	0.940599	-1.06351	0.923585	0.930051	-1.07485	0.922201	1.01383	1.01383	0.360318	1.28045	1.28045	0.258387	1.33553	1.33553	1.36323	0.982462	1.01758	0.329108	1.30312	1.30312	0.662953	0.725522	0.972782	1
cg09277376	MGC12982	0.724044	0.836647	1.09319	1.09319	0.847447	0.920142	-1.08607	0.49826	0.743257	-1.34543	0.448675	1.39544	1.39544	0.255121	0.598842	-1.66989	0.420843	0.70124	-1.42604	0.967945	1.04062	1.04062	0.713733	0.729246	-1.37128	0.796084	0.800976	-1.24848	0.662822	7.7092	10.3386	1
cg19979063	GPR63;GPR63	0.724182	0.612679	0.904287	-1.10584	0.976408	1.00584	1.00584	0.954159	1.01139	1.01139	0.240938	1.27371	1.27371	0.391877	0.841241	-1.18872	0.363195	0.83112	-1.2032	0.184175	0.757581	-1.31999	0.892529	0.973712	-1.027	0.844583	0.962059	-1.03944	0.662738	0.40766	0.546769	1
cg24705617	KLHL6	0.724183	0.530808	1.21895	1.21895	0.569142	1.19653	1.19653	0.694932	1.13104	1.13104	0.212245	1.47797	1.47797	0.531005	1.21883	1.21883	0.182357	1.41575	1.41575	0.094992	1.77204	1.77204	0.444084	1.27546	1.27546	0.54603	1.20813	1.20813	0.662725	1.02066	1.36898	1
cg08799191	C17orf101;C17orf101;HEXDC	0.724196	0.373798	0.689683	-1.44994	0.175588	1.79699	1.79699	0.870449	1.06868	1.06868	0.25676	0.617737	-1.61881	0.675456	1.18691	1.18691	0.584714	1.19293	1.19293	0.241947	1.47018	1.47018	0.946922	0.97879	-1.02167	0.581954	1.1961	1.1961	0.662915	1.18867	1.45977	1
cg07831154	TRIM10;TRIM10	0.724081	0.504938	0.522099	-1.91534	0.872082	0.856595	-1.16741	0.667822	0.660534	-1.51393	0.664041	0.657181	-1.52165	0.311298	0.365588	-2.73532	0.409954	0.445103	-2.24667	0.126375	0.204236	-4.8963	0.155102	0.231876	-4.31265	0.581883	1.58128	-1.70611	0.662873	9.68737	12.9904	1
cg03880765	ATG7;ATG7;ATG7	0.724094	0.379301	0.764485	-1.30802	0.615154	0.915555	-1.20317	0.598922	0.899059	-1.11239	0.663996	0.909257	-1.09975	0.697449	0.91657	-1.09084	0.325675	0.801899	-1.2474	0.508274	1.15719	1.15719	0.441281	0.708822	-1.41079	0.781191	1.06245	1.06245	0.66286	0.496829	0.666242	1
cg03664139	ASCC3;ASCC3	0.724097	0.7442	0.94487	-1.06506	0.640256	1.0854	1.0854	0.863706	0.970528	-1.03037	0.91264	1.01929	1.01929	0.722877	1.06261	1.06261	0.826106	0.908806	-1.10034	0.095926	0.729521	-1.37076	0.861899	0.970139	-1.03078	0.307219	1.20206	1.20206	0.662856	0.318253	0.426776	1
cg00843134	ZNF526	0.724115	0.226513	0.760163	-1.31551	0.307414	1.25428	1.25428	0.965193	1.00867	1.00867	0.981341	1.02855	1.02855	0.630099	0.600154	-1.11048	0.820631	0.97241	-1.05027	0.270194	0.78049	-1.28125	0.433237	1.1885	1.1885	0.739729	1.07465	1.07465	0.662851	0.695626	0.93126	1
cg26532826	TCN2	0.724122	0.254866	1.34421	1.34421	0.252682	0.582676	-1.71622	0.323076	0.502864	-1.99189	0.430043	0.680057	-1.45126	0.291139	0.609513	-1.64039	0.313078	0.623942	-1.60271	0.188496	0.676828	-1.47814	0.492325	1.78507	1.78507	0.17706	0.562239	0.676296	-1.30328	0.662825	2.14538	2.83708	1
cg00915270	RGL1	0.724121	0.926194	0.92367	-1.08264	0.209876	1.03327	1.03327	0.101236	0.654373	-1.65473	0.845544	1.18192	1.18192	0.719709	0.734327	-1.36179	0.929387	1.07891	1.07891	0.733713	0.729246	-1.37128	0.796084	0.800976	-1.24848	0.662822	7.7092	10.3386	1
cg17155577	TMEM146;TMEM146	0.724157	0.162631	1.42462	1.42462	0.0923	0.622303	-1.62762	0.842912	0.643347	-1.66028	0.842625	2.5975	2.5975	0.0966	2.02665	2.02665	0.227546	0.944632	1.05879	0.742462	1.3479	1.3479	0.242602	1.1527	1.1527	0.802026	0.662773	0.421925	1.20186	1.20186	0.662812	0.432525	1.12907	1
cg10979063	GPR63;GPR63	0.724182	0.612679	0.904287	-1.10584	0.976408	1.00584	1.00584	0.954159	1.01139	1.01139	0.240938	1.27371	1.27371	0.391877	0.841241	-1.18872	0.363195	0.83112	-1.2032	0.184175	0.757581	-1.31999	0.892529	0.973712	-1.027	0.844583	0.962059	-1.03944	0.662738	0.40766	0.546769	1
cg24705617	KLHL6	0.724183	0.530808	1.21895	1.21895	0.569142	1.19653	1.19653	0.694932	1.13104	1.13104	0.212245	1.47797	1.47797	0.531005	1.21883	1.21883	0.182357	1.41575	1.41575	0.094992	1.77204	1.77204	0.444084	1.27546	1.27546	0.54603	1.20813	1.20813	0.662725	1.02066	1.36898	1
cg08799191	C17orf101;C17orf101;HEXDC	0.724196	0.373798	0.689683	-1.44994	0.175588	1.79699	1.79699	0.870449	1.06868	1.06868	0.25676	0.617737	-1.61881	0.675456	1.18691	1.18691	0.584714	1.19293	1.19293	0.241947	1.47018	1.47018	0.946922	0.97879	-1.02167	0.581954	1.1961	1.1961	0.662915	1.18867	1.45977	1
cg03503640	LIPE1	0.724212	0.485369	1.96218	1.96218	0.142353	4.47932	4.47932	0.152829	4.28763	4.28763	0.494616	1.93364	1.93364	0.546755	1.78574	1.78574	0.546268	1.78703	1.78703	0.326504	2.61988	2.61988	0.456621	2.05611	2.05611	0.383854	2.33723	2.33723	0.662694	9.48767	12.7261	1
cg18225595	STIP1 CDX11;CDX11;CDX11;CDX11;STXBP4;C	0.724224	0.618961	1.1979	1.1979	0.525383	1.19026	1.19026	0.642164	0.879956	-1.13642	0.644446	1.12586	1.12586	0.973753	1.00898	1.00898	0.680584	0.893457	-1.11939	0.591391	0.90792	0.90792	0.754837	1.16125	1.16125	0.367094	1.38668	1.38668	0.662237	1.30575	1.75264	1
cg20117162	CDX11	0.724225	0.731485	0.938661	-1.06535	0.483156	1.14057	1.14057	0.931505	0.984324	-1.01592	0.251151	1.2465	1.2465	0.9779	0.994922	-1.0051	0.951234	1.0113	1.0113	0.810377	1.04516	1.04516	0.907892	0.978955	-1.0215	0.986501	1.41621	1.41621	0.662627	0.354446	0.475441	1
cg00523812	TSGA14	0.724229	0.38693	0.805941	-1.24079	0.997882	1.00065	1.00065	0.244863	0.74384	-1.34438	0.725515	1.08953	1.08953	0.120653	0.663999	-1.50603	0.483007	0.840776	-1.18938	0.484947	0.841443	-1.18843	0.593088	0.877031	-1.14021	0.862949	1.04293	1.04293	0.662671	0.621085	0.833106	1
cg26571618	P2RY2;P2RY2;P2RY2	0.724239	0.584396	0.671056	-1.49019	0.758173	1.24985	1.24985	0.979856	0.981131	-1.01923	0.14103	1.13714	1.13714	0.731806	0.780009	-1.28204	0.556839	1.53594	1.53594	0.952648	1.04382	1.04382	0.257009	2.34982	2.34982	0.314444	2.11968	2.11968	0.662656	5.47362	7.34212	1
cg08837114	WDR53;FBXO45	0.724251	0.994485	1.00847	1.00847	0.918413	0.939822	1.06445	0.725267	1.07256	1.07256	0.760922	0.914758	-1.09352	0.723724	1.02388	1.02388	0.857731	1.07324	1.07324	0.192387	1.39739	1.39739	0.154354	1.24542	1.24542	0.198477	0.701534	1.45545	0.946272	0.980274	-1.01774	0.358394	1.27935	1.27935	0.66264	2.741	0.957919	1
cg08856772	SLC25A12	0.724272	0.648698	1.07751	1.07751	0.608099	0.919459	-1.0876	0.499115	1.11815	1.11815	0.602903	0.918119	-1.08918	0.969826	1.00618	1.00618	0.119998	1.31592	1.31592	0.786379	0.956748	-1.04521	0.666011	1.07309	1.07309	0.28243	1.19937	1.19937	0.66261	0.278016	0.372958	1
cg08765100	PRKCI;E2	0.724276	0.537435	0.732762	1.36504	0.844602	0.870588	-1.14897	0.601581	0.973117	-1.02703	0.870056	1.09423	1.09423	0.796765	0.97665	-1.02403	0.154099	0.605322	-1.65198	0.436755	0.588977	0.588977	0.170984	0.607662	-1.64613	0.650228	0.555559	0.951451	1.03406	1.03406	0.662655	0.17463	0.25879	1
cg16150657	TMEM35;TMEM35	0.724285	0.159865	0.442679	-2.35472	0.400837	0.612384	-1.63296	0.263886	0.582476	-1.71434	-1.94283	0.760671	1.13685	1.13685	0.347977	0.944605	0.120632	0.474132	-2.1257	0.821938	1.13717	1.13717	0.884122	0.920199	-1.08672	0.809005	0.870107	1.14808	0.662586	1.41265	1.45822	1
cg13622657	DCTN3;DCTN3	0.724293	0.196114	1.55113	1.55113	0.545831	0.821757	-1.2169	0.230726	1.49744	1.49744	0.948408	1.021	1.021	0.327698	0.722919	-1.38328	0.9002	0.96051	-1.04111	0.765234	0.908309	-1.10095	0.96379	0.985527	-1.01469	0.763372	0.90759	-1.10182	0.662581	1.08223	1.14587	1
cg04094107	CD

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 4477 vs. N)	Fold-Change(3477 vs. 4477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 6377 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01778054	TULP4;TULP4	0.72499	0.973095	1.01128	1.01128	0.967682	1.01357	1.01357	0.111194	0.561398	-1.78127	0.276895	1.45683	1.45683	0.843799	1.06784	1.06784	0.760674	1.10699	1.10699	0.773423	1.10081	1.10081	0.515055	0.802816	-1.24562	0.728553	0.890547	-1.1229	0.665601	1.15993	1.55842	1
cg15919833	CASC7;CASC7;CASC7;CASC7;CASC7;CASC7;CAS	0.72502	0.267073	0.701827	-1.42495	0.200324	1.38521	1.38521	0.882526	1.04641	-1.04641	0.438542	0.784743	-1.2743	0.641504	0.866018	-1.15471	0.588507	1.18242	1.18242	0.873283	1.15018	1.15018	0.335555	0.682931	-1.46328	0.814072	0.930277	-1.07495	0.661559	0.98209	1.32494	1
cg04156607	MEIS3;MEIS3	0.72509	0.663544	0.807769	-1.23798	0.697211	1.21009	1.21009	0.106412	0.425218	2.36285	0.332247	1.62881	1.62881	0.466518	0.696709	-1.43532	0.935208	1.04045	1.04045	0.609068	1.07758	1.07758	-1.28603	0.944743	0.960759	-1.03438	0.86573	0.920778	-1.08604	0.661545	2.49221	3.34867	1
cg12022184	ENTPD5;C14orf45	0.72509	0.684569	0.665563	-1.50249	0.390849	2.41674	2.41674	0.238958	0.28716	-3.48238	?	?	?	?	0.870444	1.17638	1.17638	0.761833	1.35357	1.35357	0.426221	0.44809	-2.25786	0.520309	0.521263	-1.91842	?	?	?	0.624193	7.24817	9.9532	1
cg25498107	DNAJC17;ZFYVE19	0.72509	0.993285	0.995181	-1.00484	0.478307	1.51339	1.51339	0.72812	0.838245	-1.22213	0.268166	1.51532	1.51532	0.395043	0.379286	1.67943	1.67943	1.67943	0.317466	1.81118	1.81118	0.686524	1.26264	1.26264	0.992361	1.00552	1.00552	0.325126	0.557642	-1.79327	0.665132	3.46162	4.65131	1
cg15277658	CDH23	0.72504	0.0971903	1.614	1.614	0.99331	1.00218	1.00218	0.812398	0.940217	-1.06358	0.420918	0.807496	-1.2384	0.996716	1.00107	1.00107	0.952532	1.01555	1.01555	0.772385	1.07811	1.07811	0.360333	1.27735	1.27735	0.69934	1.10591	1.10591	0.660082	0.687586	0.810187	1
cg15655138	PIM1	0.72505	0.370567	0.831504	-1.20322	0.656614	1.09421	1.09421	0.871936	0.968062	-1.03299	0.784312	0.946294	-1.05675	0.91358	1.03208	1.03208	0.850674	0.962791	-1.03865	0.866162	1.03452	1.03452	0.253046	1.27149	1.27149	0.134392	1.38372	1.38372	0.665313	0.424128	0.569909	1
cg11829616	FAIM3;FAIM3;FAIM3;FAIM3;FAIM3;FAIM3;FAI	0.72506	0.56946	0.741985	-1.34774	0.649749	1.26783	1.26783	0.902182	0.56951	1.06591	0.767446	0.85733	-1.16641	0.153046	0.451901	2.21288	0.928332	1.0478	1.0478	0.554627	0.733281	-1.36373	0.201586	1.98465	1.98465	0.938751	0.96033	-1.04131	0.661491	2.82287	3.79328	1
cg03945895	PRDM2;PRDM2;PRDM2;PRDM2	0.72507	0.236577	1.75657	1.75657	0.177675	1.91695	1.91695	0.657565	1.22466	1.22466	0.479545	1.38613	1.38613	0.453341	0.7068	-1.41483	0.29747	1.63339	1.63339	0.926198	1.04299	1.04299	0.895691	1.0614	1.0614	0.588082	1.28199	1.28199	0.663478	2.1619	2.90515	1
cg04068664	PTN	0.72507	0.237373	1.34018	1.34018	0.105068	1.90469	1.90469	0.12057	0.193305	1.02	1.02	1.62	1.62	0.250556	0.154547	1.70799	-1.07666	0.237373	1.34018	1.34018	0.094641	1.54524	1.54524	0.691946	1.00483	1.00483	0.664644	0.586577	0.787716	1
cg00490606	6;ZNF706;ZNF706;ZNF706;ZNF706;ZNF70	0.72509	0.520404	0.683499	-1.46306	0.390816	1.67143	1.67143	0.594425	0.730555	-1.36882	0.475965	0.654783	-1.52732	0.20771	0.511735	-1.95414	0.236402	0.484422	-2.06432	0.410158	0.651783	-1.53516	0.306348	0.53864	-1.85653	0.798773	0.86136	-1.16096	0.661461	3.57547	4.80481	1
cg22154182	PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;CCDC140;	0.72509	0.199114	1.75512	1.75512	0.622735	0.814164	-1.22825	0.852186	1.0804	1.0804	0.338393	1.50554	1.50554	0.912986	0.955692	-1.04636	0.69838	1.17521	1.17521	0.161139	1.85985	1.85985	0.392272	1.43818	1.43818	0.603013	1.24301	1.24301	0.661448	1.80075	2.41994	1
cg14477135	LOC100128164;SEC62;LOC100128164	0.72511	0.511565	0.904297	-1.10583	0.237751	1.2066	1.2066	0.1866	0.810409	1.03689	0.916693	1.01667	1.01667	?	?	?	0.254426	1.19796	1.19796	0.786007	1.04178	1.04178	0.667475	1.0674	1.0674	0.239415	1.20571	1.20571	0.644256	0.201844	0.274136	1
cg10334837	EFCAB1	0.72518	0.846582	0.95482	-1.04732	0.865716	0.96041	-1.04122	0.643916	0.894856	-1.1175	0.759792	1.07594	1.07594	0.452389	0.833005	-1.20047	0.660772	0.899965	-1.11115	0.166057	1.42263	1.42263	0.910291	0.973458	-1.02727	0.198572	0.723055	-1.38302	0.66142	0.596726	0.801945	1
cg15214448	HS3ST3A1	0.72527	0.80405	1.23256	1.23876	0.838439	0.980987	-1.01946	0.120675	0.247801	-4.03403	0.964342	1.3261	1.3261	0.546577	1.65371	1.65371	0.519933	1.73069	1.73069	0.460664	1.94752	1.94752	0.616987	1.51868	1.51868	0.553029	0.608172	-1.64427	0.661408	7.19332	9.66734	1
cg02635865	RAB22A;RPP481L	0.72531	0.553621	1.02601	1.02601	0.507739	0.644259	-1.55217	0.152798	0.556532	-1.93599	0.689848	0.769168	0.769168	0.311052	0.815583	1.22053	0.404201	0.572104	-1.74793	0.167819	2.61637	2.61637	0.569511	0.45658	0.514353	0.663401	0.623817	0.729845	0.170355	0.661403	4.48401	6.02627	1
cg08257088	TRAP1	0.72531	0.736973	1.13766	1.13766	0.344372	1.45158	1.45158	0.10522	1.96854	1.96854	0.909936	1.04425	1.04425	0.501638	1.29813	1.29813	0.345319	1.45046	1.45046	0.214958	1.6478	1.6478	0.602472	1.2227	1.2227	0.885594	1.05663	1.05663	0.661402	1.53346	2.06088	1
cg03866677	C14orf4;C14orf4	0.72534	0.829367	1.04937	1.04937	0.705501	0.974311	-1.02617	0.874764	0.66413	-1.0372	0.320262	1.26138	1.26138	0.522341	1.15978	1.15978	0.9597	1.03148	1.03148	0.915975	0.70967	-1.4091	0.603072	0.71884	-1.12584	0.683236	0.914469	-1.09713	0.661399	0.534774	0.718712	1
cg24186901	EDA;EDA;EDA;EDA;EDA;EDA;EDA PAX3;PAX3;PAX3;PAX3;PAX3;PAX3;CCDC140;	0.72536	0.240491	0.0976066	-10.2452	0.829518	0.658974	-1.51751	0.880194	0.751581	-1.33053	0.238833	10.3375	10.3375	0.397595	5.13648	5.13648	0.321954	0.144086	6.94031	0.670314	0.444482	-2.24978	0.974378	1.0627	1.0627	0.928339	0.843397	-1.18568	0.661395	37.5538	50.4708	1
cg18077971	PAX3;PAX3;PAX3	0.72543	0.669298	1.91898	1.91898	0.463032	0.321999	-3.1056	0.310755	0.203716	-4.90879	0.521457	2.67991	2.67991	0.52815	0.397245	-2.63682	0.4586	3.14206	3.14206	0.180056	0.115351	-8.66917	0.988409	1.02228	1.02228	0.920852	0.860047	-1.16273	0.661386	24.1063	32.3984	1
cg01256320	FBXL1	0.72547	0.408889	1.7005	1.7005	0.170381	2.50367	2.50367	0.221486	2.24289	2.24289	0.782387	1.1901	1.1901	0.973464	0.97931	-1.02113	0.552763	1.45859	1.45859	0.170053	2.50567	2.50567	0.481119	1.5685	1.5685	0.595521	1.40041	1.40041	0.66138	4.13853	5.56215	1
cg00974466	LOC284016;TNPO3;TNPO3	0.72573	0.413283	0.827437	-1.20855	0.828493	0.952054	-1.05036	0.759008	1.07217	1.07217	0.648306	0.901225	-1.1096	0.798979	0.943844	-1.0595	0.350062	0.804256	-1.24339	0.35022	2.804316	2.804316	0.244184	1.24284	1.24284	0.283943	1.28672	1.28672	0.661343	0.537214	0.72205	1
cg01109633	SUZ12	0.72578	0.949032	0.989614	-1.0105	0.81335	1.03939	1.03939	0.35249	1.16913	1.16913	0.818277	0.96311	-1.0383	0.491077	0.89205	-1.12101	0.581355	0.913055	-1.09522	0.499491	0.894082	-1.11847	0.243404	1.22062	1.22062	0.265878	1.20847	1.20847	0.661337	0.279394	0.375528	1
cg04706010	ADAMTS2;ADAMTS2	0.72583	0.146508	1.32046	1.32046	0.127353	0.877055	1.1176	1.1176	0.487883	0.67337	1.67337	0.653194	0.572275	1.74741	0.599405	-1.66802	0.402017	2.48746	2.48746	0.234016	0.402017	2.48746	0.234016	0.402017	2.48746	0.234016	0.402017	2.48746	0.234016	0.525821	0.58262	1
cg05125220	NBEA	0.72587	0.71987	0.907535	-1.10189	0.251221	1.38122	1.38122	0.197167	1.44385	1.44385	0.787757	1.07541	1.07541	0.508827	1.19789	1.19789	0.56037	1.7191	1.7191	0.347744	1.29753	1.29753	0.954951	1.26489	1.26489	0.533465	1.843732	1.843732	0.661324	0.760229	1.02183	1
cg09584966	RNF11; KIAA0319;KIAA0319;KIAA0319;KIAA031	0.72591	0.471417	0.915812	-1.09193	0.211113	1.17136	1.17136	0.294161	1.13954	1.13954	0.665925	0.94919	-1.05353	0.827514	1.02654	1.02654	0.831632	1.02589	1.02589	0.515407	0.923876	-1.0824	0.414792	1.10525	1.10525	0.473261	1.09152	1.09152	0.661319	0.150943	0.202885	1
cg14907986	9;KIAA0319;KIAA0319;KIAA0319	0.72597	0.518721	0.820622	-1.21859	0.428486	1.27668	1.27668	0.49621	1.2328	1.2328	0.849996	0.94392	-1.05888	0.45808	0.795861	-1.2565	0.869064	1.05112	1.05112	0.157101	0.633017	-1.57974	0.81769	0.932603	-1.07227	0.468824	2.14947	2.14947	0.661309	0.954052	1.28556	1
cg02119924	FLI00757	0.72601	0.858357	0.894937	-1.11743	0.277383	1.20471	1.20471	0.124553	0.68328	1.6308	0.514082	1.24904	1.24904	0.467394	1.23952	1.23952	0.348489	0.870644	-1.14899	0.242824	0.636665	-1.57067	0.442137	0.576125	-1.73542	0.579626	-1.31643	0.70384	0.785757	-1.27266	0.661304	4.17404	5.61051	1
cg02235894	CDCA5;ZFP1;CDCA5	0.72608	0.529437	0.886422	-1.12813	0.921888	1.01874	1.01874	0.792453	0.951321	-1.05117	0.789365	1.05197	1.05197	0.731888	1.06725	1.06725	0.664831	0.92082	-1.08599	0.173309	0.760191	-1.31546	0.620125	1.09917	1.09917	0.20133	1.29093	1.29093	0.661294	0.375069	0.504155	1
cg02450646	PIAK2B	0.72623	0.712308	0.882988	-1.13252	0.0915447	1.86685	1.86685	0.950091	1.02125	1.02125	0.831794	0.93103	-1.07408	0.757774	1.12052	1.12052	0.747095	0.896992	-1.11484	0.792383	0.917552	-1.08986	0.813083	0.9235	-1.08284	0.278169	1.46064	1.46064	0.661263	1.18224	1.5892	1
cg00032213	TOP1MT	0.72625	0.967347	1.03396	1.03396	0.188624	0.95308	1.04958	0.59208	0.13555	1.07554	0.83199	0.87055	-1.83199	0.888426	0.640922	-1.56061	0.929663	1.07596	1.07596	0.76308	0.688141	-1.45319	0.653643	0.571286	-1.75044	0.396627	2.91284	2.91284	0.661222	1.06099	2.61413	1
cg03693714	MGRN1;MGRN1;MGRN1;MGRN1	0.72626	0.373194	0.370683	-2.69773	0.221113	2.04029	2.04029	0.561446	1.89156	1.89156	0.542076	1.95419	1.95419	0.484025	1.462049	-2.16427	0.420558	0.409299	-2.4432	0.490202	0.467263	-2.14012	0.925681	1.10659	1.10659	0.714561	1.48998	1.48998	0.661215	12.3414	16.5909	1
cg14385731	ESYT2	0.72625	0.86621	1.10067	1.10067	0.705501	0.974311	-1.02617	0.874764	0.66413	-1.0372	0.320262	1.26138	1.26138	0.522341	1.15978	1.15978	0.862526	1.0931	1.0931	0.669204	1.07108	1.07108	0.554857	0.854214	0.854214	0.27458	1.27424	1.27424	0.661214	0.27458	0.37095	1
cg01625945	PTPRN2;PTPRN2;PTPRN2	0.72626	0.319423	0.409297	-2.44321	0.553894	0.594602	-1.6818	0.994267	0.993781	-1.00626	0.339872	0.425706	-2.34904	0.112262	0.222853	4.48726	0.533033	1.58004	1.73009	0.396978	0.473059	-2.1139	0.253848	0.355387	-2.81383	0.720486	0.740096	-1.35118	0.661213	1.89375	10.6118	1
cg18328702	GABRA4	0.72629	0.785535	0.801588	-1.24752	0.816692	0.831001	-1.20337	0.0897627	0.219472	-4.55639	0.748961	1.29736	1.29736	0.633803	0.677641	-1.47571	0.584511	1.56476	1.56476	0.412799	0.507163	-1.97175	0.710161	1.35349	1.35349	0.690976	1.38263	1.38263	0.661208	0.83448	0.92562	1
cg21466369	PDC;12345	0.72631	0.780122	0.856505	-1.16756	0.84443	1.16116	1.16116	0.482683	0.847257	1.18021	0.707213	0.86382	-1.15722	0.10783	0.750137	1.33295	0.684209	1.46132	1.46132	0.382308	0.766512	-1.30431	0.242016	1.28335	1.28335	0.738854	1.06915	1.06915	0.661183	0.902367	0.152786	1
cg02980416	2NF546	0.72635	0.438515	0.534595	-1.86743	0.490806	0.575118	-1.73877	0.812903	0.829108	-1.20612	0.725481	0.756804	-1.32135	0.89015	0.896528	-1.11541	0.239089	0.377386	2.6498	0.732043	1.33084	1.33084	0.338831	2.17986	2.17986	0.29717	2.34969	2.34969	0.661171	6.54187	8.79499	1
cg04382627	INPP5A	0.72637	0.639777	0.754265	-1.32597	0.0504168	1.98409	-1.17833	0.552623	1.3838	1.3838	0.678742	1.03453	-1.09402	0.464482	1.17424	1.17424	0.575186	0.84021	-1.1899	0.407064	2.311477	-1.12323	0.160904	1.3718	1.3718	0.945067	1.01498	1.01498	0.661162	0.0993	0.134776	1
cg11768707	MBD2;SNORA37;MBD2	0.72502	0.232179	2.24717	2.24717	0.951895	0.962038	-1.03946	0.433367	0.597841	-1.67269	?	?	?	?	?	?	?	?	?	?	?	?	0.816548	0.861476	-1.1608	0.805378	1.17164	1.17164	0.565836	2.00559	4.96226	1
cg01141931	PDE02D;PLOD2	0.72507	0.376915	0.63896	-1.56504	0.446315	0.661485	-1.46738	0.233837	0.839823	1.19073	0.993398	0.995921	-1.0041	0.290152	0.581671	-1.71919	0.0821404	0.386185	2.58943	0.728745	0.841992	-1.18766	0.89322	1.09442	0.884756	0.93086	-1.07408	0.661152	2.55538	3.44559	1
cg15988299	PDHX;APIP;PDHX;PDHX	0.72518	0.335549	0.74633	-1.33980	0.580948	1.17853	1.17853	0.298578	1.37363	1.37363	0.931621	1.02561	1.02561	0.700664	1.892428	-1.12054	0.732692	0.903923	-1.10629	0.256358	1.41775	1.41775	0.312293	1.36065	1.36065	0.852789	0.94674	-1.05626	0.661139	0.908989	1.22212	1
cg18067847	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	0.72519	0.240519	0.737394	-1.35693	0.669343	0.898975	-1.11238	0.922513	0.976169	-1.02441	0.332098	0.780313	-1.28154	0.308707	0.77014	-1.29847	0.557575	0.863264	-1.15839	0.179008	0.701943	-1.42462	0.261313	0.747954	-1.33698	0.327945	0.778539	-1.28446	0.661138	0.643536	0.865223	1
cg21700440	HS3ST3B1;MGC12916	0.72526	?	?	?	0.64296	2.56857	2.56857	2.12328	1.02253	1.02253	0.566886	1.05741	1.05741	0.514276	1.45139	3.45139	?	?	?	?	?	?	0.659965	2.15184	2.15184	0.590439	0.378559	-2.6416	0.664948	7.74411	2.32924	1
cg24440593	C3orf57	0.72533	0.151783	0.754803	-1.32481	0.437166	1.16099	1.16099	0.825178	0.66231	-1.04033	0.553851	0.898154	-1.11339	0.955225	0.99002	-1.01008	?	0.922857	0.982845	-1.01745	0.797742	1.04698	1.04698	?	?	?	?	?	?	1.623729	0.234482	0.320856	1
cg23541975	SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.72542	0.208621	2.38901	2.38901	0.291649	0.25214	0.25214	0.276768	2.10269	0.53044	1.51882	1.51882	0.716395	0.766864	-1.27087	0.672512	1.32225	1.32225	0.262866	2.15081	2.13061	0.35743	1.8623	1.8623	0.908446	0.927203	-1.07851	0.661106	0.453964	0.67688	1
cg04761751	DKFZp761E198	0.72543	0.286028	0.844662	-1.18403	0.782246	1.29139	1.29139	0.53938	0.829587	-1.47148	0.292769	1.54096	1.54096	0.276562	1.21521	1.21521	0.525104	1.29356	1.29356	0.276308	0.688145	-1.45319	0.653643	0.571286	-1.75044	0.396627	2.91284	2.91284	0.661156	0.43485	2.26349	1
cg01400238	MARCH1;ANP32C	0.72549	0.788446	0.947268	-1.05567	0.515843	0.875719	-1.14192	0.474557	0.86374	-1.15776	0.622485	1.10512	1.10512	0.24319	1.27888	1.27888	0.36468	0.828927	-1.20638	0.699373	1.0813	1.0813	0.336477	1.22094	1.22094	0.61494	0.902879	-1.10757	0.661095	0.424815	0.571193	1
cg06344469	SERPIND1;SERPIND1;PI4KA	0.72585	0.7868	1.11084	1.11084	0.770583	1.13206	1.13206	0.763637	0.884864	-1.12405	0.685525	0.853979	-1.17099	0.884376	0.85794	1.19794	0.794308	1.1064	1.1064	0.553863	1.23722	1.23722	0.75942	1.15194	1.15194	0.62984	0.963604	-1.03777	0.66104	1.574	2.11653	1
cg00987278	MDN1	0.72585	0.642553	0.917976	-1.08935	0.942958	0.986983	-1.01319	0.115283	1.36823	1.36823	0.923551	1.01773	1.01773	0.767613	1.05576	1.05576	0.843034	0.96435	-1.03697	0.182327	1.295825	1.295825	0.518132	1.12745	1.12745	0.865145	1.03161	1.03161	0.66104	0.351011	0.471999	1
cg19788754	TBCD	0.72512	0.902852	0.964938	-1.03634	0.302293	1.36662	1.36662	0.104174	1.68077	1.68077	0.510436	1.21547	1.21547	0.509211	1.21618	1.21618	0.233618	1.44051	1.44051	0.501342	1.22076	1.22076	0.751044	1.0975	1.0975	0.570853	1.18225	1.18225	0.661007	0.89439	1.20273	1
cg02567958	CDC42EP1	0.72513	0.330314	0.507195	-1.97168	0.994985	0.979019	-1.02511	0.340795	0.840794	-1.18937	0.617603	1.51259	1.51259	0.354201	1.32095	1.32095	0.613918	1.51023	1.51023	0.357772	1.21508	1.21508	0.156631	1.34199	1.34199	0.167278	1.29716	1.29716	0.66097	0.87543	0.24624	1
cg27262122	ATP6V0A2	0.72544	0.363987	0.800916	-1.24857	0.962502	0.988875	-1.01125	0.994702	1.00518	1.00518	0.70242	1.09565	1.09565	0.507816	1.28558	1.28558	0.216876	1.36234	1.36234	0.907289	0.972803	-1.02796	0.701063	1.09614	1.09614	0.220624	1.35858	1.35858	0.660962	0.592812	0.797238	1
cg10576133	THBS1	0.72545	0.935605	1.06146	1.06146	0.858537	1.03172	1.03172	0.706831	0.812765	1.24106	1.24106	0.667555	1.25082	1.25082	0.508668	1.90722	1.90722	1.90722	0.450656	0.6727	1.6377	1.6377	0.368983	1.84565	1.84565	0.6377	1.61505	1.61505	0.802225	0.878122	-1.13879	0.660932	2.48824	3.77665	1
cg21386088	C6orf41;GUSBL1	0.72547	0.589116	1.09091	1.09091	0.784099	1.0448	1.0448	0.940241	0.988108	-1.01204	0.692838	0.938617	-1.0654	0.609725	0.921136	-1.08562	0.833357	0.966941	-1.03419	0.119825	0.763927	-1.30903	0.606161	1.08652	1.08652	0.314981	1.18033	1.18033	0.660958	1.26651	0.358427	1
ch.13.11734311rMO7	?	0.72545	0.408044	0.511088	-1.95661	0.120827	0.263329	-3.79753	0.810709	1.20963	1.20963	0.591847	0.650977	-1.53615	0.364132	0.477262	-2.09529	0.560412	0.626904	-1.59514	0.497911	0.579395	-1.72594	0.289519	0.418119	-2.39166	0.309419	0.434173	-2.30323	0.660946	0.585337	0.85649	1
cg15682608	NAT6;HYAL3	0.72549	0.91079	1.09798	1.09798	0.743433	0.977283	-1.02305	0.512264	1.1679	1.1679	0.763768	0.965837	-1.03561	0.512264	1.1679	1.1679	0.530614	1.14895	1.14895	0.552748	0.98877	1.0123	1.0123	0.959042	1.02121	0.954397	1.03619	1.03619	0.660913	0.502649	0.670434	1
cg21900829	AGAP3;AGAP3	0.72549	0.834053	1.14492	1.14492	0.856461	0.88976	-1.1239	0.604488	1.40085	1.40085	0.917627	1.06901	1.06901	0.144633	0.363938	-2.74772	0.615033	0.721	-1.38696	0.279805	0.484425	-2.0643	0.500588	1.55434	1.55434	0.575825	1.44001	1.44001	0.660892	4.35593	5.85865	1
cg24082573	GSS	0.72553	0.527053	0.566319	-1.76517	0.363506	2.28864	2.28864	0.802288	0.880571	-1.24911	0.357772	2.31281	2.31281	0.77558	0.777272	-1.2858	0.807934	1.24092	1.24092	0.161639	1.24788	1.24788	0.908951	1.04935	1.04935	0.70968	1.2978	1.2978	0.660845	0.516474	1.7918	2.3174	1
cg18087559	PAK3;PAK3	0.72555	0.171824	0.374042	-2.6735	0.402911	0.560618	-1.78374	0.683077	0.757752	-1.31969	0.786811	1.20114	1.20114	0.658813	0.740502	-1.35043	0.150377	0.352659	-2.8356	0.60221	0.700798	-1.42694	0.43218	0.581752	-1.71894	0.576543	1.23399	1.23399	0.660804	0.473869	0.643484	1
cg02705800	FAM174B;FAM174B	0.72557	0.219944	0.444713	0.444713	0.922472	1.11824	1.11824	0.314482	0.32122	3.12122	0.297411	3.48002	3.48002	0.539589	0.489532	-2.04285	0.659152	0.600437	-1.66545	0.338974	1.31666	1.31666	0.864113	0.821453	-1.21735	0.94652	1.08006	1.08006	0.659338	0.314734	0.35897	1
cg09931939	GID4	0.72559	0.393134	0.200121	-5.00501	0.691852	0.99409	-1.00511	0.940795	0.83055	-1.0751	0.580013	0.814254	-1.22844	0.479758	0.720261	1.38888	0.808688	1.17484	1.17484	0.111128	0.83767	-1.19398	0.516923	0.631911	1.58227	1.58227	0.633497	0.706812	1.41468	0.646797	0.424259	0.70703	1
cg07917260	LOC283731;SLIR2;SLIR2;SLIR2;SLIR2	0.72560	0.485815	0.585506	-1.70049	0.122377	0.252336	-3.96298	0.187323	0.316823	-3.15633	0.848724	1.17007	1.17007	0.56466	0.619481	1.61426	0.335635	0.441928	-2.26281	0.513494	0.573842	-1.73962	0.637805	0.67705	-1.477	0.93775	0.937777	-1.06635	0.660786	0.70959	0.52346	1
cg01193815	TLN2	0.72565	0.492885	0.597503	-1.67

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg10803132	FBXL18	0.726365	0.989839	1.020227	1.020227	0.707878	0.935253	-1.06923	0.412544	1.16066	1.16066	0.719927	0.94248	-1.06103	0.294326	0.824133	1.21534	0.266277	0.813845	-1.22874	0.554467	1.11157	1.11157	0.345938	1.1884	1.1884	0.623838	1.09188	1.09188	0.659667	0.330395	0.445201	1
cg10307632	NRP2;NRP2;NRP2;NRP2;NRP2	0.726376	0.188447	0.609843	-1.63977	0.447992	1.31621	1.31621	0.49336	1.28002	1.28002	0.637483	0.844973	-1.18347	0.953981	1.39717	1.39717	0.528071	1.25467	1.25467	0.506186	1.27047	1.27047	0.938032	0.972783	-1.02798	0.577842	1.22083	1.22083	0.659653	1.31586	1.77314	1
cg10110857	PLEKHN1;PLEKHN1	0.726377	0.880141	1.10471	1.10471	0.445308	1.67108	1.67108	0.943164	1.04818	1.04818	0.688621	1.30452	1.30452	0.188015	2.51089	2.51089	0.595864	1.42367	1.42367	0.967604	1.02716	1.02716	0.375623	1.82225	1.82225	0.101534	3.26444	3.26444	0.659665	4.55001	6.13122	1
cg17103029	TCF112	0.726381	0.354612	1.73172	1.73172	0.778807	0.85017	-1.17024	0.24464	0.495689	-2.01739	0.23641	0.04493	2.04493	0.784928	1.16200	1.16200	0.787758	0.855905	-1.16815	0.545025	0.702434	-1.42362	0.51021	1.46984	1.46984	0.808832	0.864369	-1.15691	0.659644	3.47354	4.6807	1
cg10557139	XPO5	0.726391	0.881083	1.03366	1.03366	0.353118	0.808877	-1.23628	0.252517	0.767748	-1.30251	0.722927	0.9243	-1.0819	0.512879	1.15806	1.15806	0.684822	1.09443	1.09443	0.197698	1.35132	1.35132	0.996527	0.999038	-1.00096	0.803023	0.946234	-1.05682	0.659631	0.510819	0.688356	1
cg02691934	C10orf90	0.726393	0.334311	1.49763	1.49763	0.481221	1.13695	1.13695	0.948978	0.67633	-1.47857	0.52451	1.29899	1.29899	0.849526	0.925855	1.08008	0.973513	1.03326	1.03326	0.199968	1.73249	1.73249	0.943001	1.48823	1.48823	0.587093	1.24844	1.24844	0.659628	1.71871	2.31606	1
cg23338380	CUX1;CUX1;CUX1	0.726405	0.724928	0.739222	-1.35277	0.286821	2.57524	2.57524	0.30234	2.49389	2.49389	0.713439	0.729452	-1.37089	0.442681	0.511994	-1.95315	0.759034	0.76863	-1.30102	0.465959	0.53017	-1.88619	0.555919	1.66435	1.66435	0.368593	2.02099	2.02099	0.659611	7.64152	10.2977	1
cg10441136	CSH;CSH	0.726416	0.788242	0.93514	-1.06992	0.661243	1.11592	1.11592	0.914877	0.969560	-1.03139	0.099414	0.593328	-1.68543	0.932123	0.972413	-1.02867	0.249047	0.704749	-1.41894	0.359159	0.764466	-1.31326	0.792128	0.9265	-1.07933	0.557793	0.842547	-1.18688	0.659596	0.872682	1.17605	1
cg26583705	TMTC3	0.726444	0.968374	0.987404	1.01276	0.504171	0.805242	-1.24186	0.814919	0.926808	-1.07897	0.245512	0.47457	-2.10571	0.174081	1.14681	1.14681	0.611843	1.17776	1.17776	0.547634	1.21477	1.21477	0.13175	1.68234	1.68234	0.476066	1.26074	1.26074	0.659561	1.06787	1.43917	1
cg02254649	ENAH;ENAH	0.726443	0.541386	0.851246	-1.17475	0.295443	0.753789	-1.32663	0.356123	1.28051	1.28051	0.336794	0.772606	-1.29432	0.53467	0.849807	-1.17799	0.772161	0.927158	-1.07857	0.813288	0.946572	-1.05644	0.580399	1.15657	1.15657	0.252851	0.732623	-1.36496	0.659557	0.708888	0.955372	1
cg10539565	CCDC21	0.726447	0.697062	1.09087	1.09087	0.345883	1.24084	1.24084	0.733497	0.871029	0.8805	-1.13572	0.202379	0.978956	1.02178	1.02178	1.02178	0.417382	1.20228	1.20228	0.384661	1.02089	1.02089	0.993703	1.21383	1.21383	0.43918	1.1917	1.1917	0.659551	0.516141	0.695612	1
cg00160368	PDE7A;PDE7A BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.726462	0.444164	0.880538	-1.13567	0.167927	1.27083	1.27083	0.326345	1.1797	1.1797	0.680130	0.934626	-1.06995	0.933083	0.986543	1.01364	0.489591	1.891839	-1.12128	0.730559	0.94518	-1.058	0.641862	1.07938	1.07938	0.594789	1.0915	1.0915	0.659531	0.27782	0.374434	1
cg15824705	AR1;BCAR1	0.726473	0.284134	0.617498	-1.61944	0.496753	1.34844	1.34844	0.8398	1.09165	1.09165	0.808073	1.1112	1.1112	0.82198	1.10256	1.10256	0.919295	1.04489	1.04489	0.314653	1.56909	1.56909	0.210095	1.77223	1.77223	0.31012	1.57622	1.57622	0.659515	1.96068	2.64259	1
cg16988008	EXPH5	0.726474	0.215803	0.855215	-1.16935	0.808807	1.02953	1.02953	0.462803	0.91516	-1.09271	0.863223	1.02092	1.02092	0.961343	1.1193	1.1193	0.627758	0.943023	-1.06062	0.906706	0.955614	-1.04645	0.709865	1.04589	1.04589	0.275819	1.1458	1.1458	0.659513	0.150564	0.202929	1
cg18776021	GPM6B	0.726476	0.10244	1.462634	-1.46252	0.452337	0.718756	-1.39129	0.072554	1.58546	1.58546	0.611758	0.889399	-1.12412	0.559985	0.876332	-1.14112	0.771651	1.18002	-1.06735	0.807488	1.15492	1.15492	0.35945	0.666042	-1.50141	0.656082	0.824668	-1.21261	0.659512	1.94515	2.61887	1
cg23733795	ZBTB;ZBTB9	0.726476	0.712701	1.11347	1.11347	0.236527	0.697374	-1.43395	0.481803	0.812395	-1.23093	0.871983	0.954217	-1.04798	0.727574	1.10697	1.10697	0.917498	1.03057	1.03057	0.106322	0.598991	-1.66947	0.911103	0.968065	-1.03299	0.570911	0.846682	-1.18308	0.659511	0.882103	1.1889	1
cg03697881	C7orf10	0.726477	0.169383	0.331137	-3.0199	0.505296	0.602298	-1.66385	0.987236	0.987095	-1.01215	0.847128	0.864405	-1.15686	0.141062	0.302671	-3.30392	0.53881	0.625125	-1.59968	0.529178	0.617985	-1.61816	0.348706	0.402402	-2.48508	0.573437	0.650846	-1.53646	0.65951	5.95353	8.02418	1
cg00444416	RASA1	0.726482	0.944567	0.989824	-1.01059	0.403315	0.625679	-1.21112	0.559985	0.876332	-1.14112	0.771651	1.18002	-1.06735	0.807488	1.15492	1.15492	0.439994	1.15979	1.19579	0.175315	1.38102	1.38102	0.704319	1.08919	1.08919	0.752898	1.1361	1.1361	0.659502	0.523984	0.706335	1
cg01885050	FOXO1	0.726489	0.854185	0.905879	-1.1039	0.0930006	0.370474	-2.69925	0.408864	1.57439	1.57439	0.499815	0.692094	-1.44489	0.782712	0.861964	-1.16014	0.783939	0.86271	-1.15914	0.893807	0.930753	-1.0744	0.669168	1.2598	1.2598	0.498638	0.691374	-1.4464	0.659493	3.01541	4.06428	1
cg08324744	TRIM26	0.726517	0.424815	0.79135	-1.26364	0.943137	1.01155	1.01155	0.532434	0.822192	-1.21626	0.647908	1.15369	1.15369	0.801898	0.935477	-1.06897	0.113964	1.7069	1.7069	0.36104	1.33904	1.33904	0.932223	1.01881	1.01881	0.894092	1.04229	1.04229	0.659453	1.00978	1.36111	1
cg02499608	EGFLAM;EGFLAM;EGFLAM	0.726524	0.569249	0.883573	-1.13177	0.829358	0.954617	-1.04754	0.337848	0.808471	-1.2369	0.47384	1.1697	1.1697	0.423727	1.19222	1.19222	0.293585	1.2642	1.2642	0.346233	1.23211	1.23211	0.630713	0.90102	-1.10985	0.696514	0.919115	-1.088	0.659443	0.483608	0.651873	1
cg17718322	OPHN1	0.726535	0.17374	0.795419	-1.25703	0.995431	0.368456	-1.99356	0.206402	1.73116	1.73116	0.76572	0.87302	-1.23086	0.9786	1.7516	1.7516	0.760272	1.21506	1.21506	0.178556	1.24007	1.24007	0.408304	1.08332	1.08332	0.562501	1.14257	1.14257	0.659428	0.4478	0.629258	1
cg01874886	PKIA;PKIA	0.726553	0.793666	1.11836	1.11836	0.38949	0.686372	-1.45694	0.572253	1.27575	1.27575	0.888318	1.0618	1.0618	0.810787	1.10778	1.10778	0.575267	1.27327	1.27327	0.129228	2.01293	2.01293	0.545944	2.7704939	-1.29796	0.498514	0.745856	-1.34074	0.659403	1.90194	2.56385	1
cg21249376	MOBK1B	0.726556	0.297137	0.189999	-5.26319	0.691686	0.543611	-1.83955	0.990615	0.982186	-1.01814	0.749482	0.612779	-1.63191	0.102290	0.199382	-5.01549	0.471452	0.37155	0.77155	0.240315	0.633107	0.633107	0.548675	0.394972	-2.53182	0.002942	1.20493	1.20493	0.657895	23.8142	28.1537	1
cg13407975	CRLF1	0.726557	0.278412	0.748153	-1.33655	0.0930006	0.370474	-2.69925	0.408864	1.57439	1.57439	0.499815	0.692094	-1.44489	0.782712	0.861964	-1.16014	0.783939	0.86271	-1.15914	0.893807	0.930753	-1.0744	0.669168	1.2598	1.2598	0.498638	0.691374	-1.4464	0.659493	3.01541	4.06428	1
cg01207755	CLCN5;CLCN5 ALG12;CRELD2;CRELD2;CRELD2;CRELD	0.726567	0.269263	0.475108	-2.10479	0.993098	0.99442	-1.00561	0.651377	1.34209	1.34209	0.348924	1.86591	1.86591	0.305323	1.98696	1.98696	0.425637	0.590824	-1.69255	0.478433	1.59385	1.59385	0.512258	1.53714	1.53714	0.978302	0.982562	-1.01775	0.659383	4.36957	5.89045	1
cg27452651	2	0.726575	0.893428	0.967401	-1.0337	0.404154	0.809717	-1.235	0.991038	1.00278	1.00278	0.306886	0.769854	-1.29895	0.55921	0.864131	-1.15723	0.642918	1.12237	1.12237	0.659912	0.896288	-1.11571	0.190475	1.4089	1.4089	0.494292	1.18723	1.18723	0.659373	0.638481	0.860725	1
cg00846140	MAD111;MAD111;MAD11	0.726589	0.968171	1.01668	1.01668	0.271548	0.62223	-1.60712	0.843726	1.08525	1.08525	0.895163	1.05591	1.05591	0.147928	0.52549	-1.90299	0.827223	1.09484	1.09484	0.596368	0.801267	-1.24802	0.563542	1.27386	1.27386	0.428787	1.39771	1.39771	0.659352	1.79423	2.41884	1
cg02576992	LRIK1	0.726593	0.532156	1.21427	1.21427	0.618937	1.12523	1.12523	0.79358	1.13484	1.13484	0.919338	1.16022	1.16022	0.814758	1.16022	1.16022	0.597532	1.22934	1.22934	0.444545	1.52056	1.52056	0.994536	0.997359	-1.0021	0.50031	0.810662	-1.23356	0.659351	0.982998	1.32521	1
cg07110043	FABP3	0.726603	0.975188	1.03082	1.03082	0.815898	0.796404	-1.25564	0.7038	1.45187	1.45187	0.232565	0.39376	2.53976	0.003063	0.599246	-1.66876	0.40859	0.438225	-2.28193	0.49074	0.50497	-1.98031	0.551458	0.555355	-1.80065	0.255969	0.3189	0.3189	0.659333	0.94924	13.4132	1
cg13525835	CABLES1;CABLES1;CABLES1	0.726615	0.849687	1.03586	1.03586	0.395431	0.804804	-1.24408	0.994485	1.00278	1.00278	0.306886	0.769854	-1.29895	0.55921	0.864131	-1.15723	0.642918	1.12237	1.12237	0.659912	0.896288	-1.11571	0.190475	1.4089	1.4089	0.494292	1.18723	1.18723	0.659373	0.638481	0.860725	1
cg14649924	PEX14	0.726618	0.321904	1.34776	1.34776	0.16383	1.54237	1.54237	0.306329	1.3619	1.3619	0.551171	1.19227	1.19227	0.978749	1.0078	1.0078	0.40607	1.28132	1.28132	0.598244	0.856348	-1.16775	0.322947	1.34684	1.34684	0.613062	1.16035	1.16035	0.659332	0.888166	1.19743	1
cg07473201	BI0;BI0;BI0	0.726631	0.929264	1.02320	1.02329	0.989178	0.99649	-1.00352	0.270344	0.74261	-1.3466	0.953396	1.01527	1.01527	0.849082	1.05063	1.05063	0.301845	1.31963	1.31963	0.128541	1.53103	1.53103	0.950272	0.9984	-1.0016	0.805805	1.06595	1.06595	0.659293	0.701985	0.946448	1
cg07678796	TCTE1/04	0.726637	0.903854	1.03139	1.03139	0.995431	0.368456	-1.99356	0.206402	1.73116	1.73116	0.76572	0.87302	-1.23086	0.9786	1.7516	1.7516	0.760272	1.21506	1.21506	0.178556	1.24007	1.24007	0.408304	1.08332	1.08332	0.562501	1.14257	1.14257	0.659428	0.4478	0.629258	1
cg00320052	CNRIP1;CNRIP1;CNRIP1;CNRIP1	0.726642	0.564209	0.860761	-1.16176	0.734981	0.916317	-1.09133	0.425308	0.81106	-1.23295	0.973233	0.991407	-1.00867	0.303363	0.760168	-1.3155	0.963872	1.01025	1.01025	0.0755348	0.601167	-1.66343	0.569173	0.862439	-1.1595	0.883952	1.0376	1.0376	0.659278	0.690831	0.931431	1
cg12882693	MCF2L;MCF2L	0.726652	0.515253	1.33073	1.33073	1.07141	0.266646	0.88936	-2.57046	0.54397	1.4637	0.362581	0.52681	0.912969	1.0991	1.0991	0.144648	0.27082	2.27082	0.744648	0.0982243	0.27082	2.27082	0.744648	0.0982243	-1.65927	-1.15932	0.704178	1.18815	1.18815	0.659271	0.24535	0.32355	1
cg25462795	HNRNPL;HNRNPL	0.726658	0.945477	0.986577	-1.01361	0.523871	0.613631	1.13613	0.351748	1.20847	1.20847	0.63624	0.910181	-1.09868	0.443051	0.85682	-1.16711	0.864323	1.966772	-1.03017	0.188018	0.754779	-1.32489	0.499988	1.14486	1.14486	0.579899	1.11681	1.11681	0.659255	0.407626	0.549612	1
cg23962826	NDUFS8	0.726659	?	?	?	0.936626	1.10353	1.10353	?	?	?	?	?	?	0.40363	2.8933	2.8933	0.145075	7.09945	7.09945	0.475898	2.46041	2.46041	0.670643	1.6996	1.6996	0.614605	1.87708	1.87708	0.597184	9.4721	18.5048	1
cg15282973	SCARB1;SCARB1	0.726661	0.717471	1.20966	1.20966	0.599437	0.756409	-1.32208	0.764016	1.17082	1.17082	0.828941	1.39671	1.39671	0.161656	2.75804	2.75804	0.380351	2.62152	2.62152	0.0344178	2.89186	-2.30543	0.827392	2.89186	-1.12125	0.459048	1.48424	1.48424	0.659267	2.8645	3.86264	1
cg04383039	ICT1	0.726665	0.6595	0.902236	-1.10836	0.695863	0.95544	-1.09544	0.467499	1.18712	1.18712	0.758001	0.930804	-1.07434	0.607376	0.907902	-1.10144	0.586307	0.880297	-1.13598	0.459098	0.839537	-1.19113	0.621311	1.12589	1.12589	0.125041	1.46999	1.46999	0.659245	0.562089	0.757889	1
cg00176863	AMN	0.726701	0.708301	1.12555	1.12555	0.41762	1.31562	1.31562	0.18496	2.70256	2.70256	0.314652	0.5087	1.96537	0.924877	1.34072	1.34072	0.695786	1.26106	1.26106	0.432426	1.4501	1.4501	0.364402	1.52786	1.52786	0.312046	1.94228	1.94228	0.659241	5.46212	7.23262	1
cg19591056	FMN2	0.726678	0.518936	1.13081	1.13081	0.384515	1.18251	1.18251	0.824031	1.04276	1.04276	0.976364	1.00559	1.00559	0.444325	1.15791	1.15791	0.989964	0.997638	-1.00237	0.630953	0.913014	-1.09527	0.146982	0.746297	-1.33995	0.458735	1.1524	1.1524	0.659227	0.369082	0.497663	1
cg23592873	SCARB1;SCARB1	0.726684	0.973002	0.993581	-1.01045	0.449057	1.52585	1.52585	0.37629	1.64124	1.64124	0.885203	0.877175	-1.14009	0.419428	0.770732	-1.29747	0.704552	0.815101	1.22694	0.933119	0.706432	0.815101	1.22694	0.933119	1.04639	0.345679	0.760681	0.693218	0.95744	0.949616	0.94767	1
cg14170316	FDNX2	0.726685	0.75652	-1.32342	0.597284	0.44379	-2.25329	0.44379	0.681473	1.46753	1.46753	0.681473	0.683109	-1.46393	0.163913	1.36386	1.36386	0.747703	0.806654	-1.24098	0.32476	0.749052	0.749052	1.33472	0.749052	1.33472	0.302239	0.749023	0.749023	0.49345	0.93457	0.68053	1
cg22865908	EML1;EML1	0.726713	0.71841	1.12604	1.12604	0.409078	1.31889	1.31889	0.311219	1.40983	1.40983	0.985221	1.00609	1.00609	0.609804	0.844729	-1.18381	0.607263	0.841869	-1.18783	0.223773	1.52044	1.52044	0.62609	0.851673	-1.17436	0.291246	1.43193	1.43193	0.659178	1.122	1.51299	1
cg18339359	SLC25A37	0.726718	0.703886	0.57275	-1.74596	0.207232	1.34706	1.34706	0.233973	0.64644	0.64644	0.892638	1.18732	1.18732	0.163797	1.36934	1.36934	0.703005	0.742795	1.34609	0.163798	1.48258	-1.47862	0.724237	1.48258	-1.47862	0.724237	1.48258	1.48258	0.659177	0.223378	0.29876	1
cg07131360	EMB	0.726725	0.775304	0.967458	-1.03364	0.3577	0.896423	-1.11555	0.58154	1.06524	1.06524	0.728576	0.960528	-1.04109	0.915765	0.987844	-1.01231	0.790833	0.969738	-1.03121	0.943987	1.00816	1.00816	0.115577	1.21866	1.21866	0.441801	0.913323	1.0949	0.659161	1.13951	0.188131	1
cg25125107	GRM8;GRM8;GRM8	0.726729	0.863202	0.957087	-1.04494	0.372067	0.791951	-1.2627	0.268462	0.865551	-1.15801	0.502792	0.841072	-1.18906	0.183874	0.709425	-1.4277	0.591361	1.14789	1.14789	0.391951	1.29546	1.29546	0.169387	0.802447	-1.24652	0.539303	1.17137	1.17137	0.659154	0.567577	0.801845	1
cg08472790	NS6ST1	0.726741	0.341875	0.63557	-1.5432	0.734689	0.839961	-1.19103	0.764619	1.16721	1.16721	0.577804	1.13506	1.13506	0.323177	0.951637	-1.05082	0.843257	1.1071	1.1071	0.525938	0.845444	-1.19826	0.193378	0.38349	-2.38349	0.247526	1.86201	1.86201	0.659139	2.75736	3.71848	1
cg01601712	ACTR3C	0.726743	0.691824	1.28651	1.28651	0.901369	1.27565	1.27565	0.538357	0.294423	-3.39648	0.140706	0.044536	-22.4549	0.778944	0.575477	-1.73769	0.573036	0.35941	0.35941	0.702136	0.212658	0.212658	0.273754	0.106847	-9.35915	0.622274	2.6512	2.6512	0.659136	40.2498	54.2796	1
cg22100435	DNAJB2	0.726744	0.309059	1.34553	1.34553	0.0930006	0.370474	-2.69925	0.408864	1.57439	1.57439	0.499815	0.692094	-1.44489	0.782712	0.861964	-1.16014	0.783939	0.86271	-1.15914	0.893807	0.930753	-1.0744	0.669168	1.2598	1.2598	0.498638	0.691374	-1.4464	0.659493	3.01541	4.06428	1
cg17363943	ELOVL6;ELOVL6	0.726751	0.514475	0.588844	-1.69825	0.310394	0.270905	-3.69133	0.835009	0.846124	-1.18186	0.886652	0.892022	-1.12105	0.446309	0.536915	-1.86249	0.260835	0.390814	-2.55876	0.231647	0.366015	-2.73213	0.418376	0.515568	-1.93961	0.910438	1.09434	1.09434	0.659124	6.70014	9.03574	1
cg07536994	SDK1	0.726753	0.932903	1.03331	-1.07141	0.266646	0.88936	-2.57046	0.54397	1.4636	0.362581	0.52681	0.912969	1.0991	1.0991	0.144648	0.27082	2.27082	0.744648	0.0982243	0.27082	2.27082	0.744648	0.0982243	-1.65927	-1.15932	0.704178	1.18815	1.18815	0.659121	0.24535	0.32355	1
cg09560599	UPF2;UBP2 C13orf38;C13or358;C13or358;C13or38; C13or38;C13or358	0.726776	0.580102	0.886481	-1.12806	0.157726	0.718086	-1.39259	0.605939	0.893856	-1.11875	0.453015	1.1792	1.1792	0.677577	0.913787	-1.09435	0.821866	0.952538	-1.04983	0.708402	0.740244	-1.3501	0.698279	0.919435	-1.08762	0.793483	1.0566	1.0566	0.659089	0.485346	0.654569	1
cg13455704	MT2B	0.726784	0.159953	0.560038	-1.78559	0.1776	0.575087	-1.73887	0.350568	0.690045	-1.44918	0.888942	1.05543	1.05543	0.267686	0.640288	-1.5618	0.678347	0.851263	-1.17472	0.532707	0.78349	-1.27634	0.55482	0.794014	-1.25942	0.837179	0.923619	-1.0827	0.659078	1.55632	2.09898	1
cg13783641	MRVI;38	0.726806	0.24266	0.693856	-1.44122	0.836758	0.940192	-1.06361	0.407842	0.76461	-1.28798	0.214939	1.47729	1.47729	0.625041	1.15862	1.15862	0.997909	1.00078	1.00078	0.609527	1.16647	1.16647	0.680752	1.13164	1.13164	0.509882	1.22131	1.22131	0.659048	0.932642	1.2579	1
cg09772135	GRIA4;GRIA4;GRIA4;GRIA4	0.726809	0.615343	0.911994	-1.10965	0.6	1.1154	1.1154	0.7076	1.0746	1.0746	0.297367	1.33004	1.33004	0.345502	1.78304	1.78304	0.672558	1.10023	1.10023	0.285338	1.80817	1.80817	1.20961	1.02023	1.20961	0.285338	1.15266	1.15266	0.659042	0.689472	0.929931	1
cg24533989	ATP8A1;ATP8A1	0.726833	0.296655	4.38293	4.38292	0.432631	0.335006	-2.98502	0.369235	3.52319	3.52319	0.508284	0.399924	-2.50048	0.735074	0.628874	1.59014	0.499133	0.391822	2.55218	0.2939	4.4229	4.4229	0.695751	1.71037	1.71037	0.806009	1.39936	1.39936	0.65901	19.4654	26.2554	1
cg10626209	ZNF792	0.726835	0.330296	0.544704	-1.83586	0.633448	1.13143	1.13143	0.241145	2.1002	2.1002	0.369646	0.572825	-1.74573	0.574881	0.709851	-1.40875	0.812337	0.860636	-1.15469	0.606037	1.36973	1.36973	0.559901	1.42833	1.42833	0.494056	1.52193	1.52193	0.659006	3.81702	5.14852	1
cg20696470	RPS27L	0.726863	0.14061	0.499687	-2.00183	0.625128	1.16703	1.16703	0.29562	1.35555	1.35555	0.664984	0.813152	-1.22955	0.476858	0.588815	-1.69896	0.822883	1.0543	1.0543	0.917534	0.968815	-1.03219	0.571828	0.839654	-1.19097	0.477846	1.24701	1.24701	0.658967	0.97661	1.31736	1
cg07048516	C22orf15	0.726899	0.307845	0.545103	-1.83452	0.980954	0.986371	-1.01382	0.116024	0.374585	-2.66962	0.695448	0.797592	-1.25377	0.293154	0.534255	-1.87177	0.260835	0.390814	-2.55876	0.231647	0.366015	-2.73213	0.418376	0.515568	-1.93961	0.910438	1.09434	1.09434	0.659124	6.70014	9.03574	1
cg04868518	SNN	0.726903	0.772431	1.10362	1.10362	0.144428	0.69136	1.69136	0.461883	1.29	1.29	0.708413	1.13625	1.13625	0.163183	2.84592	-1.17837	0.572227	1.12411	1.12411	0.157364	1.47139	1.47139	0.847106	1.07097	1.07097	0.932996	-1.08343	0.645592	1.17051	1.17051	0.658908	1.20629	1.62733	1
cg05110787	DAGLA	0.726923	0.323319	0.74481	-1.34263	0.25	0.707202	-1.41402	0.919517	0.979194	-1.02955	0.97322	0.990373	-1.00972	0.146786	0.638409	-1.56639	0.800929	1.07553	1.07553	0.909219	1.03342	1.03342	0.538477	1.19659	1.19659	0.184736	1.05719	1.05719	0.658882	0.866618	1.16914	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1 047 vs. N)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1 057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1 117 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3 477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3 537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5 377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg16589203	MAST1	0.727778	0.291375	1.52341	1.52341	0.143346	1.83061	1.83061	0.778218	1.11467	1.11467	0.214502	1.65275	1.65275	0.765955	1.12276	1.12276	0.690459	1.10638	1.10638	0.816089	0.934729	1.09322	1.09322	0.840913	1.08082	1.08082	0.602224	0.816944	1.12407	0.657681	1.53982	2.08314	1
cg08726417	MYL6 2 CHCHD4;CHCHD4;CHCHD4;CHCHD4;T	0.727781	0.660783	0.695303	-1.43822	0.871341	0.875127	-1.14269	0.493712	1.77178	1.77178	0.945996	1.0534	1.0534	0.342089	0.446387	-2.23795	0.38795	0.482777	-2.07135	0.175296	0.305388	-3.27452	0.304067	0.416464	-2.40117	0.694896	1.38319	1.38319	0.657676	7.05421	9.53419	1
cg06851253	MEMA3 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.727809	?	?	0.673408	0.562502	-1.77777	0.542524	0.428692	-2.33267	0.630395	0.516714	-1.93531	?	?	?	?	0.465584	2.79668	2.79668	0.66871	0.557405	-1.79403	?	?	?	0.3895	3.45914	3.45914	0.6006619	9.1747	7.6377	1
cg12761626	C1	0.72784	0.278868	0.683008	-1.46411	0.251237	1.50068	1.50068	0.912641	1.03786	1.03786	0.578681	0.827003	-1.20919	0.207877	0.637845	-1.56778	0.826562	1.07114	1.07114	0.748566	0.896823	-1.11505	0.975611	0.989702	-1.01041	0.534979	0.808352	-1.23708	0.657594	1.19418	1.61421	1
cg25598586	TFB1M	0.727851	0.0914823	1.9716	1.9736	0.956427	1.02016	1.02016	0.839873	1.0767	1.0767	0.772068	1.11193	1.11193	0.580724	1.22603	1.22603	0.510585	1.27605	1.27605	0.347192	1.42416	1.42416	0.578726	1.22738	1.22738	0.209701	1.6208	1.6208	0.657578	1.38963	1.87845	1
cg17477997	PIGA;PIGA ABHD14B;ABHD14B;ABHD14A;ABHD14	0.727856	0.228764	0.169551	-5.88406	0.745645	0.633176	-1.57884	0.906349	1.17955	1.17955	0.344957	0.91504	0.91504	0.300019	0.451288	0.41288	0.299013	0.220844	-4.52809	0.924551	0.875486	-1.14222	0.865051	1.26955	1.26955	0.936639	0.894443	-1.11801	0.657571	20.5026	27.7149	1
cg19602773	B	0.727865	0.970293	0.982068	-1.01826	0.980252	1.0121	1.0121	0.773138	0.868975	-1.15078	0.907849	1.05788	1.05788	0.265283	0.568882	-1.75783	0.157261	0.47955	-2.08529	0.459671	1.44165	1.44165	0.391685	1.53174	1.53174	0.938544	1.03818	1.03818	0.657558	2.45866	3.32362	1
cg08873282	C7orf50;C7orf50;C7orf50	0.727876	0.584746	1.45949	1.45949	0.492666	1.37537	1.37537	0.212137	1.34739	1.34739	1.9971	1.9971	0.141255	2.39325	2.39325	0.127623	1.72426	1.97258	1.97258	0.188732	1.8404693	1.88981	1.88981	0.174203	1.92088	1.92088	0.125089	1.37079	1.37079	0.657544	4.81792	6.51302	1
cg14743710	CDH22 C14orf109;C14or f109;C14orf109;MOA	0.727881	0.882034	0.922489	-1.08402	0.122487	2.48271	2.48271	0.449584	1.5199	1.5199	0.729796	1.20731	1.20731	0.609395	0.755788	-1.32312	0.503351	1.46431	1.46431	0.54289	0.715597	-1.39743	0.481742	1.4748	1.4748	0.666194	0.789093	-1.26593	0.657536	3.07443	4.15616	1
cg23033759	P1	0.727882	0.711012	0.874549	-1.14345	0.618216	1.19839	1.19839	0.552921	1.24138	1.24138	0.530958	0.79564	-1.25685	0.401796	0.734114	-1.36219	0.473119	0.768875	-1.3006	0.389227	0.727726	-1.37414	0.420566	1.345	1.345	0.303097	1.46848	1.46848	0.657534	1.35113	1.82653	1
cg20618076	FAM10A4	0.727885	0.938218	0.970746	-1.03014	0.565506	0.800978	-1.24847	0.517849	1.28545	1.28545	0.414597	1.37632	1.37632	0.385047	1.40649	1.40649	0.135952	1.85042	1.85042	0.257261	1.57278	1.57278	0.923188	1.03503	1.03503	0.753662	1.12585	1.12585	0.53769	1.52769	2.06522	1
cg13023194	COG5;COG5;COG5;DUS4L	0.727886	0.633972	1.05285	1.05285	0.380506	1.10334	1.10334	0.162474	1.08316	0.922954	1.03513	1.03513	0.800592	1.09455	1.09455	0.364529	1.13262	0.67385	1.4839	0.0662	0.692528	1.04359	0.799746	1.02766	1.02766	0.157454	1.16728	1.16728	0.512342	1.07094	0.67573	2.02202	2.16225	1
cg16730765	ANKRD34C	0.72789	0.724196	1.10466	1.10466	0.548232	0.843077	-1.18613	0.509839	0.828749	-1.20664	0.457005	0.808304	-1.23716	0.944505	0.980631	-1.01975	0.844689	0.946386	-1.05665	0.292879	1.35877	1.35877	0.173027	1.50287	1.50287	0.696291	0.895646	-1.11651	0.657524	0.822028	1.11128	1
cg09231402	RAB39B	0.727906	0.207926	0.859139	-3.50706	0.730268	0.721034	-1.3869	0.879364	0.866295	-1.15434	0.411599	2.2213	2.2213	0.071466	1.16535	1.16535	0.184622	0.264539	-3.78016	0.948804	0.569737	-1.77368	0.884626	1.20372	1.20372	0.628031	1.59433	1.59433	0.657501	9.20989	12.5727	1
cg28364123	ATP11A;ATP11A	0.727923	0.999165	0.999627	-1.00037	0.170555	0.593947	-1.68355	0.322964	0.952954	1.05313	1.05313	0.800592	1.09455	1.09455	0.364529	1.13262	0.309299	1.45585	1.45585	0.760322	1.10496	1.10496	0.722094	1.13596	1.13596	0.416169	0.743304	1.34634	0.64737	1.3269	1.79392	1
cg09254969	KIAA0141;KIAA0141	0.727926	0.971023	0.992008	-1.00806	0.500102	0.859674	-1.16323	0.832177	0.954205	-1.04799	0.650653	0.904199	-1.10595	0.0925385	0.664364	-1.5052	0.641589	1.1091	1.1091	0.87217	0.965054	-1.03621	0.880108	1.0339	1.0339	0.387527	1.2161	1.2161	0.657472	0.5081 07	0.68695	1
cg09234578	NHS	0.727929	0.883277	1.13911	1.13911	0.318616	0.923264	-1.0835	0.673	0.964341	0.544574	-1.82991	0.901357	2.05213	2.05213	0.302839	0.973754	0.973754	1.026	1.026	0.913179	0.997357	1.00264	1.00264	0.818475	0.983838	1.20043	0.669303	0.719517	1.38892	0.657468	6.11222	8.26365	1
cg00112256	DOCK11;DOCK11	0.727935	0.267293	0.120965	-8.26588	0.905726	0.805295	-1.24178	0.947237	1.12858	1.12858	0.218435	10.6548	10.6548	?	?	?	0.261512	0.117637	-8.50074	0.844573	0.698548	-1.43154	0.860003	0.724214	-1.38081	0.926835	0.845461	-1.18279	0.64131	30.1609	47.0302	1
cg21145551	FBXL18	0.727943	0.144204	1.56812	1.56812	0.905887	1.25621	1.25621	0.0	1.08466	0.845684	-1.18277	0.907087	1.05524	1.05524	0.981946	1.00673	0.845684	1.06596	1.06596	0.515086	1.05408	1.05408	0.955346	1.05464	1.05464	0.190873	1.49965	1.49965	0.597109	1.64439	2.56353	1
cg00088227	GCC1	0.727958	0.251265	1.45481	1.45481	0.914276	0.966885	-1.03425	0.764038	0.910145	-1.09873	0.8695	1.05277	1.05277	0.931537	1.02724	1.02724	0.260557	1.44339	1.44339	0.192737	0.649775	-1.539	0.794679	1.08498	1.08498	0.734969	0.899188	-1.11211	0.657428	1.0184	1.37694	1
cg00473045	TAF2	0.727969	0.812743	1.19123	1.19123	0.21283	0.672168	2.63128	0.222121	0.57577	2.57577	0.665517	1.37811	1.37811	0.862476	1.13638	1.13638	0.483045	1.69154	1.69154	0.229116	2.53601	2.53601	0.199275	2.71847	2.71847	0.461842	1.73729	1.73729	0.657413	5.66103	7.65429	1
cg29352715	ZC4H2;ZC4H2	0.727974	0.315499	0.428211	-2.3353	0.311499	0.425001	-2.35293	0.399345	0.494223	-2.02338	0.388853	0.65788	2.07788	0.270546	0.754956	-1.32456	0.212424	0.341887	-2.92405	0.918869	0.92011	-1.08683	0.876143	1.13594	1.13594	0.783976	1.25178	1.25178	0.657406	6.95325	9.4016	1
cg22012577	HLA-LNCRNA00171	0.727975	0.704594	0.875296	-1.14247	0.676477	0.863516	-1.15806	0.449376	0.763718	-1.30938	0.191194	0.616359	-1.62243	0.341298	0.709714	-1.40902	0.773767	1.10604	1.10604	0.970058	0.98696	-1.01321	0.14687	0.580175	-1.72362	0.385897	0.732836	-1.36456	0.657404	1.27315	1.72144	1
cg04425820	ZNF649	0.728008	0.735895	1.06484	1.06484	0.39823	1.17411	1.17411	0.752031	1.06059	1.06059	0.653582	0.919584	-1.08745	0.807734	1.03313	1.03313	0.595201	0.905276	-1.10464	0.627949	0.913359	-1.09486	0.889281	1.41649	1.41649	0.709807	1.04829	1.04829	0.657358	0.358549	0.484835	1
cg10321266	LOC401093;MIBNL1;LOC401093;MIBNL1	0.72801	0.740289	1.14266	1.14266	0.301289	0.650917	-1.53629	0.360332	0.685899	-1.45794	0.915594	0.958387	-1.04342	0.274323	1.57779	1.57779	0.439353	1.3719	1.3719	0.36427	0.688133	-1.45321	0.707868	0.85992	-1.1629	0.907377	0.954409	-1.04777	0.657355	1.67338	2.26278	1
cg25602930	ASAP2;ASAP2	0.728011	0.573422	1.24877	1.24877	0.476566	0.806406	-1.24007	0.600364	0.546474	-1.82991	0.901357	2.05213	2.05213	0.302839	0.973754	0.973754	0.348364	0.477257	-2.09531	0.88379	0.897573	-1.11412	0.818475	0.983838	-1.02043	0.669303	0.719517	-1.38892	0.657468	6.11222	8.26365	1
cg10007030	NHP2;NHP2	0.728019	0.576282	0.780006	-1.28204	0.683587	0.834992	-1.19762	0.538913	1.31493	1.31493	0.725169	0.856131	-1.16805	0.244729	0.585368	-1.70833	0.483354	1.36818	1.36818	0.27601	0.657347	-1.52098	0.259509	1.67808	1.67808	0.591767	1.26901	1.26901	0.657403	2.02163	2.72644	1
cg11599414	LOC390595	0.728022	0.84478	1.18408	1.18408	0.722662	0.966106	-1.03506	0.936	0.976537	-1.02464	0.927517	0.768004	-1.30195	0.309256	1.29599	1.29599	0.851986	1.17496	1.17496	0.515406	1.05098	1.05098	0.951446	1.03538	1.03538	0.756054	1.39688	1.39688	0.501378	1.22433	1.62459	1
cg20100022	ZNF480	0.728026	0.565987	0.912192	-1.09626	0.897709	0.979833	-1.02058	0.780422	0.956698	-1.04526	0.628887	0.937008	-1.06723	0.447536	1.13046	1.13046	0.260557	1.44339	1.44339	0.192737	0.649775	-1.539	0.794679	1.08498	1.08498	0.734969	0.899188	-1.11211	0.657428	1.0184	1.37694	1
cg26473844	GDNF;GDNF;GDNF	0.728034	0.777968	0.775165	-1.29005	0.694323	1.42738	1.42738	0.522679	1.79261	1.79261	0.712181	1.39633	1.39633	0.963471	1.04212	1.04212	0.648113	1.51281	1.51281	0.302355	2.6185	2.6185	0.925977	1.08732	1.08732	0.668365	0.25729	0.25729	0.657321	8.44984	11.4266	1
cg16453007	TSPAN17;TSPAN17;TSPAN17	0.728044	?	?	?	0.845367	1.13667	1.13667	0.196869	1.76579	1.76579	0.877495	1.10857	1.10857	0.504546	1.02367	1.02367	0.540402	?	?	?	0.935346	1.06464	1.06464	0.954	1.05464	1.05464	0.190873	1.49965	1.49965	0.597109	1.64439	2.56353	1
cg15557486	MTG;MTG1	0.728052	0.930926	1.02094	1.02094	0.783572	0.936295	-1.06804	0.412499	1.22179	1.22179	0.527804	0.858187	-1.16525	0.634001	0.89166	-1.1215	0.755122	1.07767	1.07767	0.7093	1.09366	1.09366	0.203926	1.3779	1.3779	0.233388	0.742809	-1.34624	0.657296	0.595022	0.804673	1
cg05065037	ZCCHC5	0.728062	0.370276	0.804259	-1.24337	0.424285	1.23489	1.23489	0.533549	0.567446	-1.76228	0.623691	1.56203	1.56203	0.997009	1.00299	1.00299	0.837175	-1.19455	0.87009	1.14922	0.93157	-1.07359	0.907009	1.10479	1.10479	0.838323	0.876252	1.14122	0.657282	0.46759	0.61453	1
cg22588546	MYH10	0.728081	0.568037	0.59865	-1.67043	0.688775	0.699101	-1.43041	0.183482	0.50685	1.97305	0.82263	1.22093	1.22093	0.295345	0.381035	-2.62443	0.423607	0.483536	-2.0681	0.886237	0.880481	-1.13573	0.4521	0.560059	-1.97605	0.674712	1.45541	1.45541	0.657255	0.22862	0.30286	1
cg02827112	SMARCAD1;SMARCAD1;SMARCAD1	0.728095	0.916901	0.970951	-1.02992	0.658511	0.879196	-1.1374	0.268025	1.39649	1.39649	0.523013	1.20608	1.20608	0.317752	1.34841	1.34841	0.204912	1.47281	1.47281	0.822104	0.936894	-1.06736	0.527105	0.830704	-1.2038	0.559033	1.18652	1.18652	0.657236	0.872128	1.17952	1
cg20009293	AEBP1	0.728109	0.284724	1.49153	1.49153	0.876566	0.862151	-1.15913	0.576605	0.815203	-1.22633	0.513312	1.23312	1.23312	0.261004	0.556145	-1.79802	0.91867	1.08565	1.08565	0.684372	0.950067	-1.05256	0.817328	0.921785	-1.08485	0.405954	0.741358	1.34888	0.657215	1.28969	1.74412	1
cg18399551	JMJC3	0.72811	0.228988	0.266989	-3.74548	0.5848	0.561494	-1.78096	0.786464	0.752737	-1.32849	0.19855	4.14235	4.14235	0.197721	1.34046	1.34046	0.302003	0.326763	-3.06032	0.823709	0.875071	-1.14276	0.827971	1.25564	1.25564	0.657215	11.3892	15.404	1
cg26788616	CLEC16A	0.728115	0.903022	0.924333	-1.08186	0.159057	0.378497	-2.64203	0.581381	0.698046	-1.43257	0.453968	0.611172	-1.6362	0.864277	1.11676	1.11676	0.576795	0.694939	-1.43898	0.366092	1.81959	1.81959	0.557649	1.46635	1.46635	0.428443	0.593433	-1.68511	0.657207	4.33703	5.86594	1
cg27101157	TDA2	0.728115	0.656882	0.885693	-1.12935	0.584446	1.15146	1.15146	0.56247	1.28699	1.28699	0.468304	1.19696	1.19696	0.628536	1.1255	1.1255	0.429534	0.818895	-1.22866	0.886394	1.01718	1.01718	0.406607	0.805031	-1.24208	0.215676	1.39359	1.39359	0.657207	0.67871	0.917971	1
cg03691020	SF3B5	0.728126	0.756644	0.96429	-1.03629	0.622503	1.1079	1.1079	0.976098	0.993832	-1.00621	0.441467	0.850372	1.17596	0.942354	1.01505	1.01505	0.848344	0.96128	-1.04033	0.516886	1.14466	1.14466	0.360371	1.36301	1.36301	0.184962	1.33685	1.33685	0.657194	0.84439	0.003309	1
cg17109517	TRIM62	0.728141	0.591059	1.19857	1.19857	0.231436	0.657603	-1.52068	0.461114	0.778363	-1.28475	0.580221	0.829818	-1.20508	0.426907	0.762605	-1.31114	0.446841	0.771887	-1.29553	0.877555	1.05283	1.05283	0.727339	1.124	1.124	0.313537	1.41635	1.41635	0.657171	1.16067	1.56993	1
cg28059690	PANK2;PANK2;PANK2	0.728151	0.14145	0.700958	-1.42704	0.868464	1.01843	1.01843	0.960043	1.02748	1.02748	0.876547	1.03555	1.03555	0.560582	1.11432	1.11432	0.623004	0.894637	-1.1177	0.284155	1.17688	1.17688	0.324571	1.20022	1.20022	0.802071	1.05808	1.05808	0.657157	0.525771	0.711172	1
cg09324018	FAM49A	0.728158	0.93405	0.948021	-1.05383	0.794361	0.84749	-1.17995	0.643016	0.744028	-1.34403	0.420725	0.593874	-1.68386	0.927641	0.944084	1.05923	0.922244	0.940026	-1.0638	0.252382	2.13272	2.13272	0.154587	2.62538	2.62538	0.60648	0.719532	-1.38979	0.657147	4.17667	5.64956	1
cg05877798	PAR23	0.728161	0.424622	0.847267	-1.52483	0.137051	0.436635	-2.29016	0.217485	0.551036	-1.95672	0.550387	0.734209	-1.36184	0.638108	0.782659	-1.27776	0.717516	1.2078	1.2078	0.440329	1.27289	1.27289	0.705026	0.821586	1.21745	0.622322	1.05176	1.05176	0.657143	2.05054	3.34838	1
cg02604675	HELT	0.728167	0.411385	0.726913	-1.37568	0.511287	0.823145	-1.21455	0.307724	0.669704	-1.4932	0.519201	0.780266	-1.28161	0.389956	0.715687	-1.39726	0.847536	0.929518	-1.07583	0.264101	1.20315	1.20315	0.863597	1.15855	1.15855	0.263186	1.69362	1.69362	0.657155	1.49064	2.02884	1
cg09430932	POLD2;POLD2	0.72819	0.48581	0.717918	-1.39292	0.521383	0.737768	-1.35544	0.948332	1.03079	1.03079	0.332751	1.59607	1.59607	0.207583	0.536962	-1.86233	0.501818	0.726893	-1.37572	0.597266	0.779195	-1.28338	0.244816	0.565922	-1.76703	0.984874	0.991168	-1.00891	0.657103	2.27875	3.08255	1
cg07404216	MAPK7;MAPK7;MAPK7;MAPK7	0.728205	0.560402	1.05828	1.05828	0.745847	1.13667	1.13667	0.383858	1.1204	1.1204	0.256045	1.43566	1.43566	0.201883	1.41564	1.41564	0.210492	1.30528	1.30528	0.114053	2.00291	2.00291	0.967376	0.982572	-1.01774	0.885427	0.937852	-1.06627	0.657088	0.60359	0.60153	1
cg08806262	WDR90	0.728236	0.337315	0.541463	-1.84685	0.934445	0.95026	-1.05234	0.880275	0.910761	-1.09798	0.132695	0.365623	-2.73505	0.881387	1.09702	1.09702	0.418812	0.599093	-1.66919	0.173364	0.407206	-2.45576	0.788142	0.846165	-1.1818	0.533327	0.676188	-1.47888	0.657037	4.00238	5.41471	1
cg02444777	PLCH1	0.728254	0.98934	0.978637	-1.02183	0.353199	0.212041	-4.71606	0.577868	0.403031	-2.4812	0.113587	0.061802	-16.1681	0.950558	1.10543	1.10543	0.934157	0.874969	-1.1429	0.649364	2.09571	2.09571	0.741948	1.64328	1.64328	0.293056	0.173498	-5.81906	0.657012	27.1897	36.7857	1
cg22588546	MYH10	0.728081	0.568037	0.59865	-1.67043	0.688775	0.699101	-1.43041	0.183482	0.50685	1.97305	0.82263	1.22093	1.22093	0.295345	0.381035	-2.62443	0.423607	0.483536	-2.0681	0.886237	0.880481	-1.13573	0.4521	0.560059	-1.97605	0.674712	1.45541	1.45541	0.657255	0.22862	0.30286	1
cg02827112	SMARCAD1;SMARCAD1;SMARCAD1	0.728095	0.916901	0.970951	-1.02992	0.658511	0.879196	-1.1374	0.268025	1.39649	1.39649	0.523013	1.20608	1.20608	0.317752	1.34841	1.34841	0.204912	1.47281	1.47281	0.822104	0.936894	-1.06736	0.527105	0.830704	-1.2038	0.559033	1.18652	1.18652	0.657236	0.872128	1.17952	1
cg00809293	AEBP1	0.728109	0.284724	1.49153	1.49153	0.876566	0.862151	-1.15913	0.576605	0.815203	-1.22633	0.513312	1.23312	1.23312	0.261004	0.556145	-1.79802	0.91867	1.08565	1.08565	0.684372	0.950067	-1.05256	0.817328	0.921785	-1.08485	0.405954	0.741358	1.34888	0.657215	1.28969	1.74412	1
cg18399551	JMJC3	0.72811	0.228988	0.266989	-3.74548	0.5848	0.561494	-1.78096	0.786464	0.752737	-1.32849	0.19855	4.14235	4.14235	0.197721	1.34046	1.34046	0.302003	0.326763	-3.06032	0.823709	0.875071	-1.14276	0.827971	1.25564	1.25564	0.657215	11.3892	15.404	1
cg26788616	CLEC16A	0.728115	0.903022	0.924333	-1.08186	0.159057	0.378497	-2.64203	0.581381	0.698046	-1.43257	0.453968	0.611172	-1.6362	0.864277	1.11676	1.11676	0.576795	0.694939	-1.43898	0.366092	1.81959	1.81959	0.557649	1.46635	1.46635	0.428443	0.593433	-1.68511	0.657207	4.33703	5.86594	1
cg27101157	TDA2	0.728115	0.656882	0.885693	-1.12935	0.584446	1.15146	1.15146	0.56247	1.28699	1.28699	0.468304	1.19696	1.19696	0.628536	1.1255	1.1255	0.429534	0.818895	-1.22866	0.886394	1.01718	1.01718	0.406607	0.805031	-1.24208	0.215676	1.39359	1.39359	0.657207	0.67871	0.917971	1
cg03691020	SF3B5	0.728126	0.756644	0.96429	-1.03629	0.622503	1.1079	1.1079	0.976098	0.993832	-1.00621	0.441467	0.850372	1.17596	0.942354	1.01505	1.01505	0.848344	0.96128	-1.04033	0.516886	1.14466	1.14466	0.360371	1.36301	1.36301	0.184962	1.33685	1.33685	0.657194	0.84439	0.003309	1
cg17109517	TRIM62	0.728141	0.591059	1.19857	1.19857	0.231436	0.657603	-1.52068	0.461114	0.778363	-1.28475	0.580221	0.829818	-1.20508	0.426907	0.762605	-1.31114	0.446841	0.771887	-1.29553	0.877555	1.05283	1.05283	0.727339	1.124	1.124	0.313537	1.41635	1.41635	0.657171	1.16067	1.56993	1
cg28059690	PANK2;PANK2;PANK2	0.728151	0.14145	0.700958	-1.42704	0.868464	1.01843	1.01843	0.960043	1.02748	1.02748	0.876547	1.03555	1.03555	0.560582	1.11432	1.11432	0.623004	0.894637	-1.1177	0.284155	1.17688	1.17688	0.324571	1.20022	1.20022	0.802071	1.05808	1.05808	0.657157	0.525771	0.711172	1
cg09324018	FAM49A	0.728158	0.93405	0.948021	-1.05383	0.794361	0.84749	-1.17995	0.643016	0.744028	-1.34403	0.420725	0.593874	-1.68386	0.927641	0.944084	1.05923	0.922244	0.940026	-1.0638	0.252382	2.13272	2.13272	0.154587	2.62538	2.62538	0.60648	0.719532	-1.38979	0.657147	4.17667	5.64956	1
cg05877798	PAR23	0.728161	0.424622	0.847267	-1.52483	0.137051	0.436635	-2.29016	0.217485	0.551036	-1.95672	0.550387	0.734209	-1.36184	0.638108	0.782659	-1.27776	0.717516	1.2078	1.2078	0.440329	1.27289	1.27289	0.705026	0.821586	1.21745	0.622322	1.05176	1.05176	0.657143	2.05054	3.34838	1
cg02604675	HELT	0.728167	0.411385	0.726913	-1.37568	0.511287	0.823145	-1.21455	0.307724	0.669704	-1.4932	0.519201	0.780266	-1.28161	0.389956	0.715687	-1.39726	0.847536	0.929518	-1.07583	0.264101	1.20315	1.20315	0.863597	1.15855	1.15855	0.263186	1.69362	1.69362	0.657155	1.49064	2.02884	1
cg09430932	POLD2;POLD2	0.72819	0.48581	0.717918	-1.39292	0.521383	0.737768	-1.35544	0.948332	1.03079	1.03079	0.332751	1.59607	1.59607	0.207583	0.536962	-1.86233	0.501818	0.726893	-1.37572	0.597266	0.779195	-1.28338	0.244816	0.565922	-1.76703	0.984874	0.991168	-1.00891	0.657103	2.27875	3.08255	1
cg07404216	MAPK7;MAPK7;MAPK7;MAPK7	0.728205	0.560402	1.05828	1.05828	0.745847	1.13667	1.13667	0.383858	1.1204	1.1204	0.256045	1.43566	1.43566	0.201883	1.41564	1.41564	0.210492	1.30528	1.30528	0.114053	2.00291	2.00291	0.967376	0.982572	-1.01774	0.885427

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	S(Test)	SS(Error)	F(Error)
cg10378631	LRBA	0.729026	0.551163	0.889608	-1.13173	0.924828	0.98082	-1.01956	0.358668	1.21372	1.21372	0.310843	0.753767	-1.32667	0.52532	0.876271	-1.1412	0.542034	0.883103	-1.13503	0.24882	0.780856	-1.28065	0.8157	0.953218	-1.04908	0.677774	1.08953	0.655927	0.437462	0.592834	1
cg01678472	KCTD2	0.72903	0.39685	1.90208	0.98448	1.14709	1.15704	1.15704	0.239422	2.49169	2.49169	0.543522	1.57725	1.57725	0.448149	0.563905	-1.77335	0.678625	1.36176	1.36176	0.342515	3.21623	3.21623	0.978676	1.02	1.02	0.987426	0.988389	-1.01175	0.655922	5.70517	7.7315	1
cg17680994	ITSN2;ITSN2;ITSN2	0.729036	0.665565	1.18473	1.18473	0.730926	0.874097	-1.14404	0.737346	0.877039	-1.1402	0.922529	0.962793	-1.03864	0.230816	0.612636	-1.63229	0.186119	0.579023	-1.72705	0.598623	1.23005	1.23005	0.373144	1.42816	1.42816	0.909877	1.04513	1.04513	0.655913	1.57945	2.1391	1
cg24986915	SOX30;SOX30	0.729037	0.0685617	0.666133	-1.50121	0.913842	1.02457	1.02457	0.852296	0.95906	-1.04269	0.452485	0.842269	-1.18727	0.271015	0.773337	-1.29306	0.468732	0.847614	-1.17974	0.993214	0.998094	-1.00191	0.976532	1.00662	1.00662	0.364143	0.811273	-1.23263	0.655912	0.522514	0.708109	1
cg14088357	HIF3A;HIF3A	0.729046	0.229062	0.759846	-1.31606	0.949909	0.986423	-1.01376	0.483762	1.16748	1.16748	0.673478	1.0966	1.0966	0.573277	0.883529	-1.13183	0.830762	1.04767	1.04767	0.374617	0.730188	-1.36913	0.64551	1.10604	1.10604	0.733882	1.07707	1.07707	0.6559	0.491803	0.666501	1
cg16884841	DCP1B;DCP1B	0.729065	0.529412	0.823861	-1.2138	0.762664	1.09648	1.09648	0.824667	0.93475	-1.0698	0.718335	1.11644	1.11644	0.874111	1.0494	1.0494	0.193709	0.658228	-1.51923	0.336704	1.35151	1.35151	0.703566	1.12329	1.12329	0.26678	1.4217	1.4217	0.655872	0.960642	1.30194	1
cg14522873	XRN2	0.729111	0.724765	0.846718	-1.18103	0.726112	0.847443	-1.18002	0.814696	1.11684	1.11684	0.696226	1.20282	1.20282	0.355181	0.639119	-1.56465	0.762474	0.867041	-1.15335	0.309349	1.64077	1.64077	0.382571	1.52419	1.52419	0.198821	1.89473	1.89473	0.655808	2.30093	3.3187	1
cg05809807	RPL9;RPL9-U;LUA1;LUA5	0.729111	?	?	?	?	0.604934	1.06313	0.743084	1.209	1.209	0.469907	1.52977	1.52977	0.162296	2.58504	2.58504	?	?	?	?	0.880019	-1.13634	0.903626	1.07236	1.07236	0.790879	1.16571	1.16571	0.618712	2.48177	4.0112	1
cg02951798	KCND3;KCND3	0.729126	0.394809	0.89801	-1.11357	0.588945	1.06966	1.06966	0.482012	1.09221	1.09221	0.744718	0.960857	-1.04074	0.251242	1.15947	1.15947	0.657463	0.946406	-1.05663	0.612416	0.938887	-1.06509	0.293132	0.874056	-1.14409	0.567396	0.931136	-1.07396	0.655787	0.158237	0.214482	1
cg03971527	LHFP	0.729148	0.588059	1.22155	1.22155	0.294402	1.48876	1.48876	0.903031	1.04561	1.04561	0.32573	1.44964	1.44964	0.516293	1.27229	1.27229	0.468513	1.30982	1.30982	0.0818711	2.02489	2.02489	0.937806	1.02897	1.02897	0.667918	1.17108	1.17108	0.655756	1.39066	1.88506	1
cg18776286	SGMS1;SGMS1	0.729153	0.174372	1.35816	1.35816	0.0923375	0.72422	1.25425	0.644925	1.24526	2.30752	2.30752	0.959971	1.05237	1.05237	1.05237	1.05237	?	?	?	?	?	?	?	?	?	?	0.800113	-1.24823	0.60548	0.588093	-1.70041	0.593747	6.50729	14.6129	1
cg08950703	ZNF711;ZNF711	0.729155	0.407882	1.96427	-1.58096	0.452881	0.229961	-4.34856	0.92093	0.82626	-1.21027	0.208807	0.81715	1.81715	0.387219	5.49374	5.49374	0.28731	0.119597	-8.36142	0.946313	0.878548	1.13859	0.946018	1.34859	1.34859	0.960012	1.07753	1.07753	0.655746	38.3711	52.0135	1
cg17623879	C22orf39;C22orf39	0.729176	0.294965	0.656721	-1.52273	0.461434	1.33629	1.33629	0.910863	1.1507	1.1507	0.704866	1.30257	1.30257	0.743586	1.13417	1.13417	0.624109	-1.60229	0.444015	0.624109	-1.60229	0.666783	1.30468	0.313456	0.662897	-1.49724	0.649585	1.19373	1.19373	0.961386	1.01892	1.01892	0.655717	1.55656	2.11008	1
cg08687494	HEATR2	0.729187	0.403404	0.791611	-1.26325	0.570487	0.854963	-1.16964	0.715503	0.87557	-1.14192	0.633603	0.892909	-1.12029	0.355181	0.639119	-1.56465	0.180392	1.47515	1.47515	0.393755	1.5852	1.5852	0.604759	0.867017	-1.15338	0.899666	1.03508	1.03508	0.655716	0.775697	1.05154	1
cg06532176	WWOX;WWOX;WWOX;WWOX	0.7292	0.638923	0.876262	-1.14121	0.208347	1.4488	1.4488	0.552867	0.847491	-1.17995	0.804166	0.932909	-1.07192	0.932788	0.976699	-1.02386	0.546522	0.843195	-1.18597	0.255154	0.991502	1.00852	1.00852	0.992253	1.1163	1.1163	0.42141	1.25804	1.25804	0.655683	0.811262	1.0998	1
cg02915136	ANP32A	0.729204	0.692383	1.09422	-1.10507	0.836503	1.25288	1.25288	0.843197	1.23425	1.23425	0.867622	1.04281	1.04281	0.622467	1.21321	1.21321	0.813031	1.26203	1.26203	0.182745	0.661992	1.51059	0.558381	1.16034	1.16034	0.971102	1.00914	1.00914	0.655677	0.655582	0.888761	1
cg18034577	OR4F6	0.729205	0.925493	1.06307	1.06307	0.267061	0.469519	-2.12984	0.223969	0.433733	-2.30558	0.546138	1.49092	1.49092	0.335033	0.522015	-1.91565	0.518856	0.652056	-1.53361	0.67951	1.31211	1.31211	0.799711	1.18086	1.18086	0.61664	1.39101	1.39101	0.655676	4.43982	6.01899	1
cg24075564	RNPTI	0.729213	0.566982	0.87669	-1.14059	0.833102	1.25678	1.25678	0.703201	1.09056	1.09056	0.646041	1.10449	1.10449	0.709802	0.943847	-1.05949	0.729585	0.922249	-1.08431	0.459828	0.842702	1.18656	0.681601	0.910451	-1.09836	0.145941	1.42632	1.42632	0.655664	0.537048	0.728281	1
cg13650622	USP6NL;USP6NL	0.729225	0.847734	0.67479	-1.07435	0.798101	0.908285	-1.08708	0.23787	1.59547	-1.5547	0.546093	1.25809	1.25809	0.412166	1.72925	-1.37113	0.474553	1.34159	1.34159	0.225507	1.61779	1.61779	0.75438	1.12502	1.12502	0.588035	0.814258	1.22831	1.65404	1.42719	1.65719	1
cg08316073	POU3D;MIR320A	0.729227	0.9212	1.11546	1.11546	0.320804	3.10418	3.10418	0.176597	4.88558	4.88558	0.762183	1.39815	1.39815	0.906366	1.11876	1.11876	0.999195	1.00111	1.00111	0.25197	0.2727213	-3.66686	0.526091	0.491942	-2.03276	0.890769	0.859217	-1.16385	0.655645	12.6624	17.167	1
cg06412434	AGPAT9	0.729226	0.687925	0.8803	-1.09081	0.113072	1.51152	1.51152	0.449235	1.27567	1.27567	0.663942	0.871073	-1.14801	0.401273	1.25083	1.25083	0.544755	0.824034	-1.21314	0.542041	0.822331	-1.21517	0.382661	1.42307	1.42307	0.298253	1.40557	1.40557	0.655599	1.03516	1.40351	1
cg14628195	MIR1913;RPS6KA2;RPS6KA2	0.729267	0.552846	0.878002	-1.13895	0.407992	1.2013	1.2013	0.85326	0.960681	-1.04092	0.834345	0.955633	-1.04643	0.136758	1.41533	1.41533	0.88164	1.03281	1.03281	0.305031	1.25881	1.25881	0.551735	0.877674	-1.13937	0.869608	1.03624	1.03624	0.655588	0.487581	0.661094	1
cg19595170	SRF;SRF	0.729276	0.407308	0.83515	-1.19718	0.438403	0.854414	-1.17039	0.588762	0.90298	-1.10762	0.769032	0.921798	-1.08485	0.329678	1.24935	1.24935	0.629328	0.793402	-1.26116	0.34334	1.38563	1.38563	0.744851	0.807853	-1.23788	0.804707	0.584693	-1.71102	0.655576	4.5717	5.62467	1
cg18117393	NPL	0.729279	0.733284	1.10694	1.10694	0.139596	1.60355	1.60355	0.841428	0.942233	-1.06131	0.982223	1.00664	1.00664	0.326311	1.35125	1.35125	0.718322	1.1136	1.1136	0.158832	1.56417	1.56417	0.520358	1.23155	1.23155	0.992514	0.997217	1.00279	0.655573	0.916137	1.24219	1
cg01367097	RGS4;RGS4_IGS4	0.729328	0.992566	0.995576	-1.00444	0.473589	1.41465	1.41465	0.444308	0.629134	-1.58849	0.258301	0.57044	-1.75303	0.278589	0.584988	-1.70944	0.767795	0.868567	-1.15132	0.384381	0.654124	-1.52876	0.487517	0.714845	-1.39891	0.296824	0.597636	-1.67326	0.655571	2.35163	3.18857	1
cg12654189	LOC100134713;NDUFB2	0.729381	0.835004	0.893934	-1.11908	0.570358	0.919507	-1.08736	0.583464	1.15193	1.15193	0.838702	0.882442	-1.13329	0.443552	1.14554	1.14554	0.310439	1.14051	1.14051	0.585091	1.21179	1.21179	0.668406	1.27044	1.27044	0.169465	1.66526	1.66526	0.655669	1.26706	1.7092	1
cg14823080	LYRM4;FARS2;LYRM4;LYRM4	0.729293	0.458719	1.22943	1.22943	0.824501	1.06269	1.06269	0.943713	0.980855	-1.01952	0.523176	1.1938	1.1938	0.43008	1.2467	1.2467	0.970731	0.990006	-1.0101	0.746674	0.915091	-1.09279	0.16969	0.670017	-1.4925	0.293141	1.34953	1.34953	0.655552	0.778147	1.05512	1
cg12366423	EGFLAM;EGFLAM;EGFLAM	0.729295	0.267857	1.76135	1.76135	0.213972	1.03526	-1.32206	0.833502	1.25678	1.25678	0.703201	1.09056	1.09056	0.646041	1.10449	1.10449	0.709802	0.943847	-1.05949	0.729585	0.922249	-1.08431	0.459828	0.842702	1.18656	0.681601	0.910451	-1.09836	0.145941	1.42632	1.42632	0.655664	0.537048	0.728281	1
cg02399440	CLDN12;CLDN12	0.729325	0.531586	0.779161	-1.28269	0.129154	1.90449	1.90449	0.59748	0.811109	-1.23288	0.435	0.731297	-1.36743	0.516167	1.27905	1.27905	0.458763	0.97089	-1.02052	0.740761	1.13933	1.13933	0.666159	1.18593	1.18593	0.588719	0.806968	1.23921	1.65507	1.66249	2.17303	1
cg24204878	PTPN2;PTPN2;PTPN2	0.729329	0.406958	0.574412	-1.74091	0.875234	0.902405	-1.10815	0.15689	0.371763	-2.68989	0.537024	1.5046	1.5046	0.287471	0.48588	-2.05812	0.780301	1.20051	1.20051	0.774712	1.20629	1.20629	0.793988	1.18653	1.18653	0.450224	0.604825	-1.65337	0.655501	4.43427	6.01308	1
cg17308959	HAC1;L+HAC1;L8TD	0.729336	0.167674	1.8316	1.8316	0.0908	0.396028	1.33312	1.33312	0.432605	1.43265	1.43265	1.15268	0.869238	1.15268	0.869238	1.15268	0.721467	0.938464	-1.06557	0.990308	1.00216	1.00216	0.937741	1.01396	1.01396	0.215558	1.24677	1.24677	0.655492	0.326793	0.443151	1
cg10147207	GTF2IRD2P	0.729337	0.98846	0.989169	-1.01095	0.244424	0.399736	-2.50165	0.363946	0.499461	-2.00216	0.809226	1.99977	1.99977	0.292509	0.439401	-2.27582	0.792591	0.820102	-1.21949	0.945721	0.950023	-1.05261	0.902786	0.912095	-1.09638	0.124113	0.285392	-3.50396	0.655491	5.88643	7.58239	1
cg00891593	RFX4P	0.729355	0.402595	1.25464	1.25464	0.37669	1.07369	1.07369	0.845663	0.955919	-1.0818	0.617618	1.31795	1.31795	0.399729	1.02568	1.02568	0.559198	1.1081	1.1081	0.482193	0.960236	1.10602	1.10602	0.484703	1.22624	1.2263	1.22624	1.2263	1.22624	0.655682	0.971882	0.618424	1.33567	1
cg16632132	LOC146336	0.729361	0.753552	1.10567	1.10567	0.706136	0.936918	-1.06733	0.580782	1.1007	1.1007	0.362646	1.17462	1.17462	0.086265	1.38545	1.38545	0.656729	1.07998	1.07998	0.388222	1.1643	1.1643	0.763644	0.904447	-1.05325	0.873262	1.02784	1.02784	0.655457	0.307175	0.416571	1
cg09332655	PTK7;PTK7;PTK7;PTK7	0.729366	0.812807	0.957269	-1.04464	0.174411	1.30467	1.30467	0.54313	1.11927	1.11927	0.801915	1.04736	1.04736	0.430389	1.15971	1.15971	0.815623	0.957012	-1.04394	0.205586	0.782057	-1.27868	0.902409	1.02284	1.02284	0.935377	0.985183	-1.01504	0.655645	0.351791	0.477082	1
cg18947209	LRRC8A;LRRC8A;LRRC8A	0.729374	0.960097	1.0146	1.0146	0.875331	0.946934	1.07033	0.586064	0.882022	-1.21508	0.29286	0.882349	-1.44424	0.389671	1.09546	1.09546	0.720438	0.973492	-1.02663	0.844127	0.884615	1.13025	0.884615	1.17684	1.17684	0.563983	1.01506	1.01506	0.655648	0.434557	0.526306	1
cg17811760	CLCN5;CLCN5	0.729382	0.24486	0.200008	-4.99979	0.995645	0.992806	-1.00725	0.983736	0.973394	-1.02733	0.288258	0.42976	0.42976	0.640093	1.86453	1.86453	0.177202	0.149947	6.669	0.78971	0.702142	-1.44421	0.870151	1.24164	1.24164	0.93172	0.892818	-1.12005	0.655427	18.1686	24.6402	1
cg03018379	C6orf105;C6orf105	0.729386	0.745539	1.08208	1.08208	0.4206	0.823244	1.13314	1.13314	0.364884	1.70145	1.70145	0.844559	0.883878	1.13172	1.13172	0.247224	0.457508	0.647106	-1.54544	0.187106	0.895881	1.11592	0.895881	1.37951	1.37951	0.179763	0.426037	2.5574	2.5574	0.655656	0.15139	0.18376	1
cg18892560	DEK;DEK	0.729402	0.739888	0.920347	-1.08655	0.182321	1.42279	1.42279	0.258984	1.31792	1.31792	0.265699	1.33502	1.33502	0.886769	1.03613	1.03613	0.34457	1.27448	1.27448	0.194231	1.21438	1.21438	0.722055	0.914864	-1.09306	0.808055	1.06251	1.06251	0.655598	0.644216	0.837323	1
cg08080395	CILP	0.729405	0.96732	1.03312	1.03312	0.251421	0.385546	-2.59373	0.198995	0.33975	-2.94334	0.530862	1.6569	1.6569	0.493004	0.574773	-1.73982	0.694647	1.36863	1.36863	0.862841	1.14745	1.14745	0.613992	1.49862	1.49862	0.524577	1.67013	1.67013	0.655332	6.56658	8.90688	1
cg01220031	MFAP1	0.729454	?	?	?	?	0.213747	1.78113	0.213747	1.78113	2.70718	2.70718	0.868807	1.11872	0.868807	1.11872	0.868807	1.07024	1.07024	0.787969	1.07024	0.79705	1.39673	1.39673	?	?	?	?	?	?	0.516418	1.17658	1.17658	0.655683	0.518465	0.67417	1
cg17445145	ZNF141	0.729474	0.739577	1.33361	1.33361	0.110282	4.49047	4.49047	0.338252	0.4266	-2.34412	0.753814	0.31193	1.31193	0.469013	0.529533	-1.88846	0.840373	1.1901	1.1901	0.696383	0.712902	-1.40272	0.943834	1.06269	1.06269	0.797437	1.24852	1.24852	0.655298	1.72932	10.4845	1
cg07614502	SAMM50	0.729477	0.736537	1.08168	1.08168	0.264168	1.1812	1.1812	0.387161	1.12115	1.12115	0.451175	1.31893	1.31893	0.308702	1.22647	1.22647	0.684541	1.08591	1.08591	0.728014	1.12179	1.12179	0.694606	1.27044	1.27044	0.169465	1.66526	1.66526	0.655569	1.26706	1.7092	1
cg08659621	RNF114	0.729501	0.315394	0.858866	-1.16433	0.485666	0.901378	-1.10941	0.754825	0.955126	-1.04698	0.591016	0.923575	-1.08275	0.4833	1.11006	1.11006	0.395908	1.13589	1.13589	0.218574	1.20883	1.20883	0.827048	1.03259	1.03259	0.810091	1.03591	1.03591	0.655247	0.222906	0.302387	1
cg15302032	NTM	0.729524	0.205526	0.93	1.07583	0.219317	1.6278	1.6278	0.663872	1.29441	1.29442	0.897222	1.07978	1.07978	0.898536	0.927434	-1.0782	0.827955	1.14176	1.14176	0.418141	1.3419	1.3419	0.745727	1.22285	1.22285	0.561238	1.51731	1.51731	0.655744	1.22285	0.561238	1.51731	0.655744	1.22285	0.561238	1.51731	0.655744	1.22285	0.561238

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg19921170	BCAS2	0.730427	0.753319	1.03052	1.10852	0.445411	0.779166	-1.28342	0.458094	1.27363	1.27363	0.3179991	0.728441	-1.1728	0.836113	1.06871	1.06871	0.270568	0.692128	-1.44482	0.645233	0.861817	-1.16034	0.918478	1.03339	1.03339	0.293222	1.41874	1.41874	0.635959	1.0658	1.44868	1
cg22126803	C1orf84;MED8;MED8	0.730436	0.713355	1.25656	1.25656	0.774248	1.19483	1.19483	0.512761	1.50816	1.50816	?	?	?	0.717292	1.25241	1.25241	0.916326	1.06721	1.06721	0.083101	1.32296	3.32296	0.332558	1.85656	1.85656	0.497695	1.53133	1.531333	0.637743	1.43978	5.39368	1
cg07810382	TOR1AIP2;TOR1AIP2	0.730442	0.459085	1.34849	1.34849	0.568974	1.25648	1.25648	0.844762	0.925194	-1.08085	0.88867	1.05712	1.05712	0.673153	1.18326	1.18326	0.261744	0.628662	-1.59068	0.521246	1.29416	1.29416	0.459974	1.34767	1.34767	0.171749	1.7807	1.7807	0.653938	1.6292	2.21454	1
cg26536080	FAM101A	0.730443	0.261331	1.688051	-1.45233	0.516231	0.81084	-1.23192	0.805518	1.08176	1.08176	0.474679	0.793262	-1.26062	0.163381	0.622576	-1.60623	0.656051	1.14857	1.14857	0.616588	0.85145	-1.17447	0.940386	0.976461	-1.02415	0.48644	1.25267	1.252671	0.653915	1.05101	1.42868	1
cg20921096	BAT3;BAT3;BAT3;BAT3	0.730468	0.55568	0.656469	-1.5233	0.247298	2.34952	2.349552	0.492999	1.635	1.635	0.654684	1.37424	1.374324	0.173563	2.77999	2.77999	0.225486	0.245686	2.45686	0.908337	1.08473	1.08473	0.97221	1.0249	1.0249	0.784227	2.21388	2.21388	0.653902	5.1642	7.02002	1
cg22934935	LIMBTL3;LIMBTL3 FAM124B;FAM124B;FAM124B;FAM124	0.730474	0.970655	0.984337	-1.01951	0.36249	0.669187	-1.49435	0.236617	0.587317	-1.76266	0.505255	1.33661	1.33661	0.448124	0.717634	-1.39345	0.410568	1.43521	1.43521	0.482033	0.837955	-1.19338	0.461804	1.3792	1.3792	0.749302	1.14751	1.14751	0.653894	1.90753	2.59305	1
cg21880556	IL	0.730478	0.323884	0.348561	-2.86894	0.236998	0.277594	-3.60238	0.101251	0.156255	-6.39996	0.621726	0.597815	-1.67376	0.34276	0.36382	-2.74861	0.586095	0.566233	-1.76606	0.563003	0.546123	-1.83107	0.752857	0.721258	-1.38647	0.931629	0.915061	-1.09282	0.653887	11.0817	15.0644	1
cg16744961	CLEC1L	0.730479	0.416205	0.54066	4.50466	0.84675	0.704358	-1.41973	0.835943	1.45586	1.45586	0.784254	0.608302	-1.64392	0.767612	0.584651	-1.71042	0.728386	0.531809	-1.88038	0.370102	0.529705	5.29703	1.22103	0.0480386	-20.8166	0.606959	2.55964	2.559643	0.653886	33.9764	46.1873	1
cg15080897	CENPH	0.730496	0.741628	0.958695	-1.04308	0.582297	1.07339	1.07339	0.424581	1.10956	1.10956	0.353999	0.885522	-1.12928	0.77494	1.03722	1.03722	0.792299	1.03422	1.03422	0.251624	0.858389	-1.16497	0.25607	1.16317	1.16317	0.931469	0.989094	-1.01103	0.653863	0.163929	0.228834	1
cg22921961	LTBP2;LTBP2	0.730496	0.590634	1.08276	1.08276	0.579884	1.13287	1.13287	0.599109	1.08051	1.08051	0.884315	0.804343	-1.24239	0.57178	0.64362	-1.55375	0.654207	0.543861	-1.83773	0.541882	1.28968	1.28968	0.909503	1.10023	1.10023	0.784276	1.27506	1.275056	0.653863	18.9039	25.6987	1
cg15457005	GAUNT4	0.730497	0.425361	0.633136	-1.57994	0.374071	0.599118	-1.66912	0.433223	1.56269	1.56269	0.533209	0.432565	-1.42526	0.342405	1.56523	1.56523	0.55248	0.713602	-1.40134	0.376284	0.600613	-1.66497	0.802798	1.15084	1.15084	0.463218	1.52081	1.520881	0.653886	3.26474	4.43824	1
cg20954458	CDH4	0.730498	0.636431	0.872292	-1.14509	0.458039	1.21988	1.21988	0.900392	0.984993	-1.01627	0.103939	1.65847	1.65847	0.864279	0.552466	-1.80988	0.46296	1.29387	1.29387	0.70111	1.11599	1.11599	0.902958	0.890716	-1.11558	0.571588	0.849876	-1.17664	0.653859	0.838427	1.1398	1
cg15115728	LOC642587	0.730499	0.331916	1.97456	-1.97456	0.743102	0.799691	-2.25048	0.72464	1.27173	1.27173	0.461019	1.66541	1.66541	0.399101	1.79809	1.79809	0.5315	1.53845	1.53845	0.0944924	1.48771	1.48771	0.447923	1.69158	1.69158	0.518069	1.56104	1.56104	0.653823	0.7834	6.50315	1
cg21465743	BRSK2	0.730500	0.885842	0.95082	-1.05172	0.960206	0.982637	-1.01767	0.426691	1.32966	1.32966	0.287441	0.678588	-1.47365	0.43201	0.740101	-1.35117	0.665382	0.858338	-1.16504	0.647847	0.850916	-1.1752	0.121581	0.554771	-1.80254	0.700798	0.873245	-1.14515	0.653774	1.27608	1.73499	1
cg00620542	PEX12	0.730501	0.307721	0.820841	-1.21826	0.542208	1.12285	1.12285	0.553791	0.890691	-1.11906	0.984936	0.96546	-1.03555	0.554183	0.89371	-1.11893	0.697396	0.928124	-1.07744	0.204399	0.775561	-1.28599	0.810003	0.810222	-1.23423	0.264792	0.8039	-1.24394	0.653757	0.365223	0.49658	1
cg15380508	ODZ2	0.730576	0.144711	0.253655	-3.94235	0.737418	1.36501	1.36501	0.819673	1.22135	1.22135	0.48716	0.538099	-1.8556	0.202233	0.30757	-3.25129	0.418899	0.485154	-2.0612	0.5383	0.579474	-1.7257	0.944682	0.941043	-1.06265	0.491319	0.542194	-1.84436	0.653749	7.93993	10.7957	1
cg05422796	ZFP91-CNTD1;ZFP161	0.730578	0.754388	1.20161	1.20161	0.518815	1.47722	1.47722	0.937065	0.954854	-1.04728	0.369272	1.71495	1.71495	0.418625	0.616692	-1.62155	0.363046	1.73193	1.73193	0.152747	2.42539	2.42539	0.424784	1.61093	1.61093	0.913323	0.938295	-1.06576	0.653747	3.54278	4.81706	1
cg08181055	RBBP7;RBBP7	0.730582	0.438441	1.10313	1.10313	0.221133	0.298654	-3.34835	0.345772	1.25871	1.25871	0.120371	0.709168	1.42194	1.42194	0.912131	1.65055	0.697396	0.928124	-1.07744	0.204399	0.775561	-1.28599	0.810003	0.810222	-1.23423	0.264792	0.8039	-1.24394	0.653757	0.365223	0.49658	1
cg14145151	PDZRN3	0.730584	0.275056	0.621181	-1.60984	0.553282	1.28589	1.28589	0.579504	0.790826	-1.2645	0.826758	0.912194	-1.09626	0.645506	1.21435	1.21435	0.636159	1.22117	1.22117	0.265442	1.62675	1.62675	0.278073	1.60466	1.60466	0.809159	0.903527	-1.10677	0.653739	1.82018	2.4749	1
cg15672757	OTOS	0.730592	0.29464	0.53698	-1.86168	0.373404	0.924866	-1.08167	0.664868	0.76367	-1.30947	0.66019	0.97805	-1.02244	0.614935	0.70979	-1.40934	0.559656	0.703525	-1.42141	0.422613	0.620614	-1.61133	0.715965	0.416792	-2.39928	0.944911	0.960552	-1.04107	0.653727	3.51592	4.77525	1
cg11420108	TMTC2 RGMA;RGMA;RGMA;RGMA;RGMA;RG	0.730603	0.270838	1.71478	1.71478	0.513044	0.731946	-3.36622	0.861092	1.08588	1.08588	0.318233	1.62462	1.62462	0.160178	2.02555	2.02555	0.985063	0.991232	-1.00885	0.82394	1.11051	1.11051	0.464045	1.41987	1.41987	0.441843	1.44615	1.446153	0.653712	2.29095	3.11514	1
cg21079003	MA	0.730609	0.268299	0.503253	-1.98707	0.518337	0.67708	-1.47693	0.834478	1.13271	1.13271	0.68962	0.787359	-1.27007	0.343107	0.558978	-1.78898	0.90168	0.929041	-1.07638	0.088176	0.326116	-3.0664	0.654204	0.764522	-1.30801	0.897908	0.926405	-1.07944	0.653704	3.67179	4.99281	1
cg14743462	HIST1H2A	0.730612	0.961485	0.965028	-1.03624	0.398814	1.9092	1.9092	0.289677	0.435914	-2.29403	?	?	?	0.593825	1.49067	1.49067	0.886091	1.1115	1.1115	0.214729	2.70802	2.70802	0.851442	1.14832	1.14832	0.924123	1.02726	1.02726	0.633631	4.44845	4.38785	1
cg10453019	GAUNT2;GAUNT2	0.730617	0.7167	0.828941	-1.20656	0.550966	1.408665	1.408665	0.462564	0.784781	-1.2745	0.784781	0.97128	-1.02536	0.800004	0.79855	-1.25236	0.800004	0.793548	-1.26055	0.794288	0.975082	-1.02564	0.948011	0.948011	0.485385	1.31432	1.314324	-1.31084	0.822815	1.1484	1.64566	1
cg11426157	SYNPO	0.730632	0.213499	0.372272	-2.6862	0.986547	0.987363	-1.0128	0.861838	1.14042	1.14042	0.697103	0.744489	-1.3432	0.164285	0.326475	-3.06302	0.614373	0.681658	-1.46701	0.286762	0.434128	-2.30347	0.272622	0.422607	-2.36627	0.565837	0.645432	-1.54935	0.653671	5.89079	8.01054	1
cg07252778	TBC1D14;TBC1D14;TBC1D14	0.730637	0.262626	0.692371	-1.44376	0.608959	0.806092	-1.24017	0.955853	1.04728	1.04728	0.369272	1.71495	1.71495	0.418625	0.616692	-1.62155	0.363046	1.73193	1.73193	0.152747	2.42539	2.42539	0.424784	1.61093	1.61093	0.913323	0.938295	-1.06576	0.653747	3.54278	4.81706	1
cg23956317	GPR98;GPR98	0.730673	0.369304	0.693558	-1.44184	0.218641	0.60003	-1.66658	0.521143	0.770538	-1.29269	0.810023	1.08971	1.08971	0.920137	0.91189	-1.09662	0.667296	1.18616	1.18616	0.642905	1.2024	1.2024	0.75846	1.12949	1.12949	0.206745	0.591156	1.6916	0.653614	1.61326	2.19397	1
cg13103303	PHOX2A;PHOX2A	0.730683	0.104457	0.61864	0.661864	0.360465	0.301459	-3.3172	0.716019	1.59359	1.59359	0.372984	3.21084	3.21084	0.607046	1.93802	1.93802	0.592957	1.99016	1.99016	0.91341	1.14882	1.14882	0.771602	1.44954	1.44954	0.64071	1.82124	1.82124	0.6536	16.8402	22.9025	1
cg27172557	TTC7B	0.730684	0.72727	1.29128	1.29128	0.724544	0.826561	1.08281	1.08281	0.512785	0.87935	1.13616	1.13616	0.379515	0.249953	2.12483	2.12483	0.782016	1.28456	1.28456	0.202692	2.02562	2.02562	-1.378	-1.378	-1.378	0.965708	0.90077	-1.00704	0.615949	1.37935	1.68179	1
cg09807466	FAF2	0.730685	0.36988	1.55967	1.55967	0.436044	1.46749	1.46749	0.780423	1.14441	1.14441	0.209688	1.89298	1.89298	0.351328	1.58082	1.58082	0.324236	1.63461	1.63461	0.141779	0.669334	-1.4942	0.902785	0.880666	-1.1355	0.845116	1.09901	1.09901	0.653597	24.1173	3.27994	1
cg19242923	PRKG1;PRKG1	0.730695	0.409158	1.2796	1.2796	0.607804	1.19846	1.19846	0.466757	0.955555	-1.04636	0.955555	1.14078	1.14078	0.726203	0.877707	-1.13936	0.642809	1.55576	1.55576	0.308008	3.24044	3.24044	-1.18709	-1.18709	-1.18709	0.30651	1.38366	1.383664	-1.41108	0.653587	0.599227	0.753544	1
cg20704159	RPH3A;RPH3A;RPH3A;RPH3A	0.730715	0.259283	0.686256	-1.45718	0.671983	0.872621	-1.14597	0.816784	0.928444	-1.07707	0.911683	1.03613	1.03613	0.942314	1.02342	1.02342	0.21123	0.65614	-1.52406	0.1348	0.597012	-1.67495	0.401287	1.7596697	-1.31631	0.798012	0.921231	-1.0855	0.653555	1.05938	1.44084	1
cg26679231	LCA5;LCA5;LCA5;LCA5	0.730728	0.983198	1.00827	1.00827	0.592812	1.17373	1.17373	0.63439	1.15324	1.15324	0.303453	0.728845	-1.37203	0.887556	1.04288	1.04288	0.925479	1.02815	1.02815	0.221872	0.68319	-1.46375	0.664585	1.13821	1.13821	0.247049	1.43215	1.43215	0.653536	0.911471	1.23971	1
cg09353803	GAB1;GAB1	0.730729	0.34763	0.836899	1.2035	0.49273	0.995727	-1.00907	0.264965	1.26759	1.26759	0.129036	0.589375	-1.71593	0.709985	0.88387	-1.13124	0.360519	0.63009	-1.58701	0.414283	0.45797	-2.18355	0.567515	0.738157	-1.35473	0.669911	0.808237	-1.23726	0.653525	2.55158	3.47046	1
cg07079663	GFRA2;GFRA2;GFRA2	0.730732	0.724997	0.71774	-1.39326	0.358522	1.42676	1.42676	0.493003	1.92272	1.92272	0.958137	0.951905	-1.05052	0.433376	0.472051	2.11842	0.900149	1.1251	1.1251	0.975665	1.02906	1.02906	0.131921	0.217209	-4.60386	0.581511	0.592904	-1.68661	0.63553	9.12592	12.4125	1
cg22024931	SMN1;SMN2;SMN2;SMN2;SMN1;SMN2	0.730733	0.421177	2.05697	2.05697	0.707468	0.7183	-1.39218	0.55796	1.68209	1.68209	0.403842	0.476425	-2.09896	0.442993	0.503329	-1.98677	0.188662	3.39537	3.39537	0.464138	1.93104	1.93104	0.841651	0.838983	-1.19192	0.80919	0.885818	-1.1289	0.6353	7.97339	10.8449	1
cg02080260	HEXIM2	0.730733	0.406034	0.804701	-1.2427	0.92574	0.976452	-1.02412	0.548676	0.856311	-1.1678	0.0839595	0.613364	-1.63035	0.778715	0.930524	-1.07466	0.93718	0.980053	-1.02035	0.606216	0.875541	-1.14215	0.971145	0.990797	-1.00929	0.452771	1.21593	1.215933	0.653529	0.676273	0.919824	1
cg04837054	ANP32	0.730735	0.870413	1.08404	1.08404	0.793354	1.14124	1.14124	0.512785	0.87935	1.13616	1.13616	0.379515	0.249953	2.12483	2.12483	0.782016	1.28456	1.28456	0.202692	2.02562	-1.378	-1.378	-1.378	0.965708	0.90077	-1.00704	0.615949	1.37935	1.68179	1.65293	1
cg26778807	WSB2	0.730738	0.199918	0.678391	-1.47408	0.81709	0.68464	1.06864	0.955227	1.01622	1.01622	0.839242	1.05993	1.05993	0.372362	0.769171	-1.3001	0.786029	1.0811	1.0811	0.14192	0.663209	-1.50763	0.801678	0.80368	-1.24407	0.800178	0.83908	-1.19192	0.653503	1.17661	1.58373	1
cg09187706	UBE2T	0.730702	0.16802	0.670502	-1.49128	0.266262	0.662642	-1.50924	0.284781	0.546094	-1.8312	0.0384527	0.662642	-1.50924	0.284781	0.546094	-1.8312	0.669246	1.4313	1.4313	0.398354	0.692736	0.92241	1.08441	1.08441	0.743493	1.83089	1.830892	-1.35108	0.822516	1.1484	1.64566	1
cg02464073	ITGB2	0.730754	0.892074	1.29336	1.29336	0.797705	0.587811	-1.70123	0.312797	0.138281	-7.23154	0.830596	1.50077	1.50077	0.156778	0.0567037	-17.6355	0.742507	1.86774	1.86774	0.429155	0.216658	-4.61557	0.392963	5.25027	5.25027	0.581804	0.348518	-2.86929	0.6535	37.1651	50.5518	1
cg02127964	ZFP1	0.730765	0.900991	1.03613	1.03613	0.272371	0.74253	-1.34653	0.975398	1.00111	1.00111	0.577113	0.898895	-1.01111	0.577113	0.898895	-1.01111	0.9569	1.04478	1.04478	0.389153	0.703838	-1.42025	0.997384	0.997384	-1.0026	0.998138	-1.0026	0.653938	0.970702	-1.03034	0.836687	1.13809	1
cg20966317	PLD1;PLD1	0.730766	0.936818	0.946676	1.06353	0.651986	1.36863	1.36863	0.937452	1.06548	1.06548	0.981264	1.01909	1.01909	0.473178	1.65579	1.65579	0.98902	1.00094	1.00094	1.00094	0.941412	0.950464	1.05212	0.82182	1.76326	1.763261	0.735139	0.653883	0.54063	0.72584	1	
cg04836284	TMBIM4	0.73077	0.466683	0.563453	-1.77477	0.148388	0.300994	-3.32233	0.120798	0.271693	-3.68062	0.703351	0.743549	-1.3449	0.635914	0.69118	-1.4468	0.61117	0.672267	-1.4875	0.554542	0.629407	-1.5888	0.904659	0.911372	-1.09725	0.803377	1.2107	1.2107	0.653478	6.20823	8.44471	1
cg20775432	ABI2	0.730843	0.708154	1.26502	1.26502	0.526569	0.749997	-1.33339	0.837549	1.08281	1.08281	0.512785	0.87935	1.13616	1.13616	0.379515	0.249953	2.12483	2.12483	0.782016	1.28456	1.28456	0.202692	2.02562	2.02562	-1.378	-1.378	-1.378	0.965708	0.90077	-1.00704	0.615949	1.37935	1.68179	1
cg20774646	HIST2H2BE;HIST2H2AC	0.730779	0.836094	1.03351	1.03351	0.525328	1.10006	1.10006	0.385834	0.868094	-1.15195	0.870565	0.974387	-1.02629	0.701914	1.6631	1.6631	0.589455	1.09055	1.09055	0.238466	0.821637	-1.21708	0.18146	0.797948	-1.25321	0.90374	0.980933	-1.01944	0.653464	0.260216	0.356413	1
cg20694923	CHSY3	0.730783	0.96414	1.02571	1.02571	0.182954	0.648	-1.63217	0.648923	0.936023	-1.06835	0.295846	1.45637	1.45637	0.917236	1.0367	1.0367	0.275805	0.914154	0.914154	0.899646	0.956991	-1.04527	0.607303	0.748594	-1.33584	0.878312	1.08814	1.08814	0.653457	1.14547	0.47875	1
cg24969902	EML1;EML1	0.730785	0.452738	0.555324	-1.52457	0.555482	0.71982	-1.38924	0.77107	1.29756	1.29756	0.46062	1.46062	1.46062	0.404619	0.68018	-1.68275	0.640472	1.52552	1.52552	0.142444	0.876993	-1.14026	0.60205	0.748594	-1.33584	0.878312	1.08814	1.08814	0.653457	1.14547	0.47875	1
cg21528519	SNX26	0.730823	0.625512	1.62875	0.0993674	5.99823	0.199823	0.198754	0.84524	0.768359	1.34032	1.34032	0.297237	2.92052	2.92052	0.682382	1.50389	1.50389	0.457338	1.84515	0.0175684	0.683191	-1.21706	0.261254	1.54374	1.54374	0.823139	1.24859	1.248591	0.653403	10.1786	13.847	1
cg20707152	SLC22A20	0.730825	0.35271	1.26005	1.26005	0.598242	0.364401	-2.74694	0.478876	0.670195	-1.4921	0.663941	0.660106	-1.51455	0.515688	0.626356	-1.59676	0.595547	1.25642	1.25642	0.231184	0.496683	-2.01338	0.950552	0.95547	-1.04622	0.231184	0.654534	1.21854	1.218544	0.820787	1.21854	0.47089	1
cg18722881	GAS2	0.730825	0.632403	0.813858	-1.22872	0.307557	0.63673	-1.57052	0.455273	1.38406	1.38406	0.208362	1.76272	1.76272	0.939147	1.03317	1.03317	0.435671	0.711844	-1.4048	0.606616	0.800932	-1.24854	0.56999	0.782422	-1.27808	0.64561	0.820452	-1.21884	0.6534	1.89018	2.57141	1
cg03381515	LAPTM4A	0.730828	0.940498	0.95797	0.9439	0.472582	0.207065	0.207065	0.222152	1.40684	1.40684	0.449767	0.479638	2.08491	0.575706	1.716	1.716	0.339611	2.55723	2.55723	?	?	?	0.844353	1.83938	-1.20037	0.522884	0.539249	-1.85443	0.637184	0.16363	12.812	1
cg03153486	C5orf165;C5orf165	0.730844	0.483658	0.876559	-1.14082	0.523366	1.12717	1.12717	0.157881	1.32243	1.32243	0.654925	0.966577	-1.03458	0.5169	0.885477	-1.12933	0.653568	0.919784	-1.08721	0.395413	0.851212	-1.1748	0.707383	0.87229	1.1027	0.229372	0.658382	1.08585	0.633373	0.354497	0.482279	1
cg20359524	POLQ;POLQ FSMG3;KIAA1908;KIAA1908;FSMG3;PS	0.730851	0.352017	2.08617	2.08617	0.913357	0.919833	-1.08715	0.939108	1.06041	1.06041	0.159551	0.315371	-3.17087	?	?	?	0.685397	0.731477	-1.3671	0.372076	0.494803	-2.02101	0.64192	1.43268	1.43268	0.817939	0.837754	-1.19367	0.637152	5.28733	8.29839	1
cg05222807	MG3;KIAA1908	0.730856	0.494901	0.847881	-1.17941	0.826748	0.940148	-1.05358	0.707476	0.914158	-1.0939	0.717885	1.09022	1.09022	0.426824	0.825002	-1.21212	0.446413	1.20296	1.20296	0.226732	1.35282	1.35282	0.826504	0.758759	-1.31794	0.990092	0.997048	-1.00296	0.653357	0.586501	0.798054	1
cg00288606	HAS3;HAS3	0.730863	0.14554	1.2796	1.2796	0.607804	0.156504	-3.91056	0.145225	0.226525	2.22625	0.931433	0.919039	-1.08809	0.883824	0.979604	-1.02082	0.72	1.39	1.39	0.102705	3.70377	3.70377	1.75077	1.39498	1.39498	0.25833	0.858811	0.843117	11.6057	1	
cg20685897	CR1L	0.730898	0.164778	0.687847	-1.45381	0.815706	1.06072	1.06072	0.303161	1.30004	1.30004	0.71831	1.09577	1.09577	0.491845	0.83839	-1.19276	?	0.734552	0.917658	-1.08973	0.477832	1.19987	1.19987	0.598629	1.14352	1.14352	0.79265	1.06878	1.06878	0.653297	0.659603	0.897468	1
cg26218726	KDM2B;KDM2B	0.730899	0.74328	1.64299	1.64299	0.696607	0.552917	-1.80859	0.509804	0.80416	0.36156	-2.76579	0.475841	3.01909	3.01909	0.290133	5.44847	5.44847	0.331872	4.66636	-1.44545	0.574264	0.668867	0.467692	-2.13816	0.849022	1.33307	1.33307	0.409533	0.275197	-1.63376	0.648039	21.4015	18.3472	1
cg10021735	FARP2	0.730871	0.428317	0.736224	0.736224	0.298429	0.729356	-1.37056	0.152213	0.222228	2.25228	0.604809	1.28634	1.28634	0.777558	1.29752	1.29752	0.683565	1.46534	1.46534	0.0897704	1.48057	1.48057	0.442509	1.74389	1.74389	0.663279	1.40143	1.40143	0.58064	1	
cg08873709	SPN62	0.730918	0.948587	1.01706	1.01706	0.235837	0.38519	-3.38519	0.776351	1.07756	1.07756	0.594615	0.868594	-1.15129	0.270406	0.740084	-1.3512	0.765651	0.924592	-1.08156	0.623503	0.878295	-1.13857	0.742358	1.09038	1.09038	0.271008	1.35064	1.35064	0.65327	0.711785	0.968509	1
cg21930229	HDAC1	0.730922	0.960305	1.04172	1.04172	0.206212	1.10458	1.10458	0.224612	0.929254	-1.07564	0.98654	-1.01364	0.886052	1.12855	1.03596	1.03596	0.447428	1.11555	1.11555	0.0774326	1.44875	1.44875	0.690139	1.11389	1.11389	0.716852	1.17287	1.172872	0.64278	0.882757	1.13282	0.653267	0.219468	0.289626	1
cg13668491	ITGA2B	0.730932	0.452385	0.766504	-1.30462	0.452665	0.766635	-1.3044	0.508763	1.26203	1.26203	0.336995	1.24252	1.24252	0.614043	0.770706	-1.29751	0.273622	0.673196	-1.48545	0.57564	0.821651	-1.21706	0.261254	0.666574	-1.50224	0.748656	1.11819	1.11819	0.653267	2.48428	1.69852	1
cg25464840	PRMD4A	0.730927	0.324012	2.04274	2.04274	0.20365	2.56233	2.56233	0.298045	0.469315	-2.13076	0.36764	1.88908	1.88908	0.832591	1.16003	1.16003	0.445345	1.72562	1.72562	0.661321	1.36226	1.36226	0.764796	1.23419	1.23419	0.565657	1.50265	1.50265	0.653257	5.08805	6.92313	1
cg21570791	CD1E

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T 121 vs. N)	p-value(121T vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T 347 vs. N)	p-value(353T vs. N)	Fold-Change(353T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg12253100	RP11E-PPH2		0.73166		0.763815		0.106512		0.190511		0.183671		0.133671		0.493566		0.864541		0.115668		0.946333		0.101419		0.107621		0.577621		0.12498		0.12406		0.293814		0.795831		0.125655		0.808028		0.105228		0.105228		0.830452		0.105273		0.316757		0.124194		0.652228		0.652719		0.616088	1
cg25151803	D2HGDH		0.373401		0.791631		0.126321		0.090854		0.997073		1.00294		0.282526		0.751596		1.3305		0.746301		0.920344		1.08655		0.241655		0.73094		1.3681		0.874814		1.04114		0.243736		0.329344		1.18207		0.621205		0.675441		0.920555		1
cg06479426	SLCO4A1		0.731679		0.845347		0.956932		0.145011		0.783005		1.06412		0.922747		0.9784		1.02208		0.762319		1.07067		1.07067		0.591162		1.12984		1.12984		0.718224		1.085		1.085		0.962108		0.989362		1.01075		0.772826		1.06733		1.06733		0.0502448		1.65284		1.65284		0.652201		0.523553		0.713522	1
cg25362611	DSCR3		0.503763		1.22005		1.22005		0.617992		0.862914		-1.15824		0.482783		0.813161		-1.23257		0.547465		0.850563		-1.19537		0.703306		0.898387		-1.11871		0.609023		0.892422		-1.13055		0.167641		0.649768		-1.53001		0.50021		1.17277		1.17277		0.376702		1.30463		0.652186		0.887646		1.20981	1
cg21876332	ABR;ABR;ABR		0.731697		0.832642		0.10247		0.104247		0.423859		1.17458		0.674531		0.1875		0.45269		1.55225		0.16225		0.22635		0.224639		1.28491		1.28491		0.739139		1.06789		1.06789		0.085274		1.45344		1.45344		0.963178		0.990967		-1.00911		0.626001		0.120135		1.10135		0.652176		0.399012		0.543836	1
cg02516257	GMCL1		0.731704		0.746063		1.26891		0.26895		0.188169		0.94866		-2.86813		0.678131		0.735982		-1.35873		0.215184		1.380965		-2.62491		0.842745		0.864432		-1.15696		0.497337		-2.51681		0.7928		1.23121		1.23121		0.786414		0.819221		-1.22067		0.604666		0.5.4318		0.449493	1
cg16205850	LMAN1L;CPLX3		0.731706		0.820432		1.13091		1.13091		0.618475		1.31215		1.31215		0.430281		0.6468641		-1.54592		0.451299		1.5148		1.5148		0.373162		1.63964		1.63964		0.463524		1.49742		1.49742		0.175018		0.458179		-2.18255		0.968374		1.02169		1.02169		0.975852		1.01651		1.01651		0.652163		3.024318		4.12191	1
cg16917837	CCDC93		0.731708		0.45289		1.24888		1.24888		0.268553		1.98784		1.39784		0.265818		1.40075		1.43074		0.33024		0.74676		-1.33912		0.609052		0.95205		0.863183		0.952869		-1.04946		0.530516		0.83138		-1.20282		0.992305		0.997201		-1.00281		0.737054		0.906702		-1.1029		0.62516		0.875512		1.18923	1
cg14571284	D3C;SH2D3C		0.731721		0.846251		0.904365		-1.10575		0.372111		1.60721		1.60721		0.996008		0.997413		-1.00259		0.99919		1.00053		1.00053		0.647288		0.787779		-1.26939																													
cg18373781	FTCD;FTCD		0.731724		0.314729		0.945065		-1.05821		0.192966		1.05577		1.05577		0.136571		0.384579		0.695212		-1.43841		0.690555		0.906234		0.507102		0.894245		0.778911		0.894579		0.924424		1.07912		0.847702		0.824995		0.859255		-1.16967		0.602001		0.809066		-1.34062		0.648823		0.825631		1.2112		0.652217		1.17251		2.34103	1
cg25320099	KIAA1632		0.731754		0.958021		1.00747		1.00747		0.451194		1.11469		1.11469		0.998387		1.00029		1.00029		0.50522		0.908805		-1.10035		0.401723		1.12906		1.12906		0.463691		1.899948		-1.11118		0.409638		1.12667		1.32697		0.866629		-1.1539		0.344468		1.14766		1.14766		0.652096		2.066		0.281622	1
cg25927259	KIAA1468		0.731754		0.992918		1.00329		1.00329		0.356568		1.42103		1.42103		0.155075		1.75744		1.75744		0.555273		1.24744		1.24744		0.912843		1.04141		1.04141		0.840374		1.07759		1.07759		0.309296		0.677127		-1.47683		0.696751		0.864913		-1.15619		0.65505		0.846511		-1.18132		0.652095		1.41818		1.93316	1
cg04072928	C7HCR1		0.731757		0.728002		1.38457		1.38457		0.984879		1.07182		1.07182		0.356224		2.41957		2.41957		0.903368		0.892979		-1.11985		0.381005		2.31037		2.31037		0.765508		1.32148		1.32148		0.130196		0.365889		1.54745		0.68745		0.883295		1.93427		0.934227		0.652091		0.96987		12.2272	1
cg16055114	DHCR24		0.731776		0.95303		0.936271		-1.06807		0.880831		1.02031		1.02031		0.892347		0.892347		0.842255		1.01603		0.707887		0.887344		1.12708		1.12708		0.704443		1.41956		0.822404		0.950589		-1.04637		0.705742		0.749012		-1.33509		0.885512		0.970394		-1.03051		0.272126		0.787846		1.62828		0.652062		0.44938		0.612593	1
cg11203041	MGST1;MGST1;MGST1		0.731782		0.617998		0.804791		-1.24256		0.867294		1.07491		1.07491		0.840931		0.916856		-1.09068		0.64527		0.714537		-1.39951		0.84297		0.917894		-1.08945																													
cg17441969	SNPH		0.731783		0.99388		0.989051		-1.01232		0.219231		0.105381		-1.4884		0.518257		2.90873		2.90873		0.392955		2.222863		-1.48708		0.782049		1.90657		1.90657		0.689704		1.50249		1.19903		0.904273		1.22923		1.22923		0.518721		3.07171		3.07171		0.291884		0.115581		0.652055		30.3888		41.4263	1
cg01269048	KIAA1244		0.731788		0.894586		0.728565		-1.37241		0.380741		2.03811		2.03811		0.208956		2.89472		2.89472		0.67169		0.409793		0.615397		0.19125		2.30962		2.30962		0.630631		1.47522		1.47522		0.389262		0.910866		1.01086		1.01086		0.65303		0.65071		0.90667	1
cg00494735	ASCL2		0.731784		0.601309		0.68987		-1.44955		0.186196		2.68294		2.68294		0.955508		0.961473		-1.04007		0.813635		1.38092		1.38092		0.907647		0.921529		-1.08515		0.703879		1.30854		1.30854		0.192752		0.378811		-2.63984		0.446786		0.579231		-1.72643		0.799086		0.835599		-1.19675		0.651975		5.12038		6.98101	1
cg12582633	WASH3P		0.731847		0.343362		2.90461		2.90461		0.283975		0.99992		-1.25001		0.599736		1.71552		1.71552		0.123917		1.264828		2.89547		0.599736		1.71552		0.473173		2.01353		2.01353		0.184213		0.42054		4.20554		0.577179		0.524174		1.1065		2.66195		0.70268		14.6249		1.77534		0.920027		1.1065		1.1065		0.652965		10.7258		14.6249	1
cg13735282	HS3ST1		0.731847		0.51318		0.773635		-1.2926		0.889689		0.995011		-1.00501		0.353649		0.692695		-1.44364		0.770104		0.893196		-1.11958		0.21626		0.604337		-1.6547		0.462898		1.38535		1.33535		0.345194		0.686414		-1.45685		0.749041		0.883186		-1.13226		0.409948		1.3856		1.3856		0.651965		1.54667		2.10873	1
cg21554109	KLHL26		0.731848		0.414913		1.50865		1.50865		0.464581		0.683787		-1.46244		0.184429		0.753642		-1.31844		0.610204		0.775929		-1.28978		0.734574		0.783463		0.812017		-1.2315		0.631882		0.900844		-1.11007		0.995993		1.00248		1.00248		0.651958		2.9415		3.54167	1
cg27409113	STAU1;STAU1;STAU1;STAU1;STAU1		0.731854		0.326274		1.21417		1.21417		0.372577		1.19157		1.19157		0.579948		1.11298		1.11298		0.779809		0.947772		-1.05511		0.298498		0.813558		1.22917		0.714881		1.07278		1.07278		0.717632		0.932828		-1.07201		0.307179		1.22434		1.22434		0.582576		1.89917		-1.11214		0.651955		1.37854		0.378546		0.516117	1
cg05674052	CUX1;CUX1;CUX1		0.731864		0.881083		0.955421		-1.04666		0.201482		0.663032		-1.50828		0.270683		1.40908		0.790683		0.400938		0.305259		0.723676		0.138185		0.619782		0.640046		-1.56239																													
cg03979287	MRPL39		0.731865		0.464264		1.09834		-1.09834		0.477407		0.760167		1.31116		0.227293		1.69296		1.65746		0.564952		1.07255		1.10156		0.836869		1.10493		0.91146		1.09769		1.09769		0.180741		1.37696		1.37696		0.814177		1.06481		1.06481		0.652594		0.734668		1.00141	1
cg07852513	SRP72		0.731868		0.683952		0.930977		-1.07414		0.724121		0.93997		-1.06386		0.721188		1.06462		1.06462		0.323912		1.19487		1.19487		0.778894		1.40632		1.40632		0.803851		0.974605		-1.02606		0.736912		1.06069		1.06069		0.991362		0.99811		-1.00189		0.904866		1.02111		1.02111		0.651935		0.315308		0.429911	1
cg20777508	C20orf114		0.731873		0.110658		0.245204		-1.83828		0.790168		1.23868		1.23868		0.832155		2.624879		2.624879		0.12123		0.617526		0.842709		0.612154		0.804598		0.804598		0.851584		-1.17428		0.804068		0.817905		-1.22264		0.637664		0.680815		-1.46884		0.737664		0.719315		0.82061		1.17247		0.652418		6.75193		9.2061	1
cg04375237	PLK2		0.731892		0.317788		0.54134		0.54134		0.648807		0.825269		-1.21173		0.417317		1.41522		1.41522		0.395639		0.694557		-1.43977		0.90601		0.951715		1.05073		0.940374		1.03184		1.03184		0.463963		1.36657		1.36657		0.178112		1.81924		1.81924		0.713529		1.16706		1.16706		0.651901		1.81243		2.4713	1
cg26254553	UVRAG		0.731911		0.367383		0.854071		-1.17086		0.87749		0.974265		-1.02641		0.306815		0.836265		-1.19579		0.533519		0.8989		-1.11247		0.271615		1.2134		1.2134		0.40976		1.15313		1.15313		0.544013		1.10937		1.10937		0.856011		1.03118		1.03118		0.725138		0.942082		-1.06148		0.651875		0.294917		0.402145	1
cg03780021	PES1		0.731923		0.480041		1.07994		1.07994		0.227284		1.56168		1.56168		0.883987		1.33912		1.33912		0.508328		1.32794		1.32794		0.704253		1.1406		1.1406		0.641541		1.13096		1.13096		0.872678		-1.1459		0.474146		1.29622		0.651859		1.30997		1.78631	1
cg18235167	SKI		0.731943		0.77884		1.15925		1.15925		0.113747		0.46746		2.46746		0.140249		2.29981		2.29981		0.716756		2.21074		2.21074		0.679062		1.24405		1.24405		0.818342		1.28315		1.12835		0.835676		1.11518		0.893838		1.07259		1.07259		0.709101		0.82144		-1.21737		0.651831		2.80493		3.87837	1
cg02180404	MDGA2		0.731967		0.849721		0.975721		-1.02544		0.729129		1.12576		1.12576		0.440183		1.44218		1.44218		0.28453		1.27156		1.44218		0.351788		1.4218		1.4218		0.140319		1.40184		1.40184		0.801403		-1.04819		0.80177		0.872183		1.07277		1.07277		0.810349		1.19706		1.19706		0.652337		1.29418		1.82337	1
cg07174809	WDR81;WDR81;WDR81;WDR81		0.731963		0.513902		0.850585		-1.17566		0.717279		1.09297		1.09297		0.779612		1.07098		1.07098		0.924984		1.02329		1.02329		0.509301		1.18077		1.18077		0.768291		1.07489		1.07489		0.105421		0.648915		-1.54103		0.91714		0.97488		-1.02577		0.390849		1.806592		-1.23978		0.651802		0.616942		0.841349	1
cg02334195	KCNQ2;KCNQ2;KCNQ2;KCNQ2		0.731967		0.816941		1.18403		1.18403		0.701035		0.755002		-1.3245		0.176888		0.412808		0.821688		1.17377		1.30786		0.306286		0.462094		2.16406		0.843208		0.361282		0.504757		-1.98115		0.806744		0.836479		-1.19549		0.651796		5.4788		7.47173	1
cg19081390	SLC45A1		0.731971		0.824201		0.940332		-1.06345		0.705397		1.11073		1.11073		0.443371		1.24122		1.24122		0.439528		1.24358		1.24358		0.428063		1.25073		1.25073		0.424225		1.25315		1.25315		0.0729109		1.73874		1.73874		0.772356		1.08351		1.08351		0.732633		1.09946		1.09946		0.65179		0.789302		1.07642	1
cg19370723	PIKFYVE;PIKFYVE;PIKFYVE;PIKFYVE;PIKFYVE		0.731975		0.962258		1.03858		1.03858		0.31287		1.23987		1.23987		0.813533		1.05201		1.05201		0.852328		0.95318		1.04951		1.04951		0.506604		0.956352		1.04557		1.04557		0.0756482		0.956352		1.04557		0.0756482		0.956352		1.04557		0.0756482		0.956352

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Chang 2(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	Fold-Change(5 63f vs. N)	F(Test)	SS(Test)	SS(Error)	
cg01656682	CALCB	0.732919	0.41567	-1.2479	-1.24179	0.397053	0.79733	-1.25324	0.815325	1.06279	1.06279	0.654864	1.12425	1.12425	0.226831	0.743575	-1.34485	0.779385	0.92951	-1.07584	0.198449	0.702045	-1.42441	0.489444	0.832863	-1.02053	0.809438	0.93905	-1.06491	0.65046	0.607997	0.953851	1
cg24243375	TRIM26	0.732925	0.562601	0.642798	-1.5557	0.222511	2.63213	0.163294	2.80572	2.80572	?	?	?	0.987192	1.01219	1.01219	0.487586	0.587185	-1.70304	0.906105	1.09312	1.09312	0.887346	0.898517	-1.11294	0.959934	0.959142	-1.0426	0.634197	0.58845	8.02345	1
cg22108008	C11orf30	0.73293	0.495602	0.910923	-1.09779	0.913679	1.01473	1.01473	0.23314	1.18361	1.18361	0.739293	0.959565	-1.04606	0.483821	1.1007	1.1007	0.316755	0.869744	-1.14976	0.834668	1.02858	1.02858	0.462836	1.10602	1.10602	0.444828	0.900299	-1.11074	0.650444	0.187299	0.25596	1
cg12277581	TOMM40/TOMM40;TOMM40	0.73294	0.6906	1.05332	1.05332	0.256446	1.16626	1.16626	0.226231	1.17939	1.17939	0.834968	1.07325	-1.02746	0.417452	1.1136	1.1136	0.97064	1.00397	1.00397	0.999303	1.0099	1.0099	0.313673	0.873949	-1.14489	0.661792	0.944448	-1.05862	0.650439	0.175683	0.237354	1
cg26375147	PRPF19	0.73296	0.493808	2.38492	2.38492	0.460864	2.55754	2.55754	0.660474	1.6498	1.6498	0.34338	2.09496	-1.39029	0.423049	2.78298	2.78298	0.365757	1.39735	1.39735	?	?	?	0.543024	0.462971	-2.15996	0.565969	0.483959	-2.06293	0.634181	0.19679	22.0252	1
cg24402667	ARHGAP23	0.73294	0.985425	0.885321	-1.0149	0.149924	0.286628	-3.48884	0.250509	0.378307	-2.64336	0.81607	0.20758	0.260798	0.766977	0.786183	-1.27197	0.517583	0.587967	-1.70078	0.522403	0.591662	-1.69015	0.934645	0.935763	-1.06865	0.398423	2.01354	2.010454	0.650429	0.75089	9.22591	1
cg24071057	EZH1	0.732944	0.29746	0.654582	-1.52769	0.830955	0.91955	-1.08749	0.350454	0.685887	-1.45797	0.653896	0.837732	-1.1937	0.311761	0.663286	-1.50765	0.608003	0.816584	-1.22461	0.470618	0.749803	-1.33368	0.276241	1.55945	1.55945	0.73251	1.14408	1.14408	0.650425	1.58555	2.16685	1
cg15736544	COLEC11;COLEC11	0.732947	0.998965	1.00227	1.00227	0.370383	0.04028	0.04028	0.35648	2.76582	2.76582	0.565308	2.76495	2.76495	0.719004	1.87815	1.87815	0.210147	0.009187	10.082	0.008611	2.46856	2.46856	0.542986	0.940486	-2.99097	0.643598	0.442536	-2.2597	0.650421	31.5383	43.1014	1
cg09308842	TRIM67	0.73297	0.556301	1.00021	1.00021	0.193275	0.801853	-1.24711	0.801432	0.650983	-1.53754	0.344118	0.339789	0.962781	-1.03866	0.82504	1.03615	0.110826	0.907507	0.929539	-1.0758	0.563107	0.911826	-1.0967	0.382189	1.15494	1.15494	0.650389	0.265043	0.362235	1
cg10189774	LAP3	0.732977	0.808395	1.10747	1.10747	0.756849	0.877662	-1.13939	0.187701	1.79789	1.79789	0.67062	1.19692	1.19692	0.843239	0.920177	-1.08675	0.328454	0.654553	-1.52776	0.590304	1.25655	1.25655	0.263677	1.63161	1.63161	0.521998	1.31346	1.31346	0.650379	1.81844	2.48532	1
cg08952590	ZNF816A	0.732981	0.467917	1.08033	1.08033	0.242268	0.795357	1.19437	0.678055	0.941214	1.06246	0.369284	0.874746	1.14157	0.254297	1.33393	1.14858	0.993845	1.09888	1.00112	0.994363	0.956853	-1.02474	0.907189	0.907526	-1.08175	0.674434	0.940526	-1.06324	0.650372	0.218059	0.269526	1
cg21943841	GNG7	0.732985	?	?	?	0.938068	1.13773	1.13773	0.285949	7.2453	7.2453	0.630932	0.442565	-2.25956	?	?	?	0.803173	0.659596	-1.51608	0.301452	6.73136	0.916762	1.18963	1.18963	0.554425	2.75833	2.75833	0.613316	0.76096	11.6801	1
cg17936999	RPUSD2	0.73296	0.276416	1.76082	1.76082	0.854439	0.912308	1.06612	0.685975	0.836166	1.22534	0.619955	0.28381	1.28381	0.3853	0.574288	-1.74129	0.52326	1.18169	1.18169	0.959239	1.02587	1.02587	0.326129	1.85971	1.85971	0.550565	1.35231	1.35231	0.650386	2.57253	3.55005	1
cg05724566	ARHGEF1;ARHGEF1;ARHGEF1 ;SLIK2;SLIK2;SLIK2;SLIK2;SL	0.732994	0.513854	1.44542	1.44542	0.390235	1.64718	1.64718	0.391527	1.64484	1.64484	0.565115	0.719177	-1.39048	0.228769	2.04621	2.04621	0.429779	1.58207	1.58207	0.206418	2.12853	2.12853	0.736511	1.21098	1.21098	0.375669	1.67428	1.67428	0.650354	3.30973	4.52366	1
cg00550503	RZ;SLIK2	0.733005	0.361569	0.502898	-1.98848	0.745419	1.26969	1.26969	0.460769	0.576744	-1.73387	0.437084	0.559327	-1.78786	0.399693	0.531598	-1.88112	0.411712	0.540548	-1.84997	0.96434	0.967765	-1.03331	0.444272	2.44095	2.44095	0.713395	1.31046	1.31046	0.650339	0.5327	7.56213	1
cg02897172	NPH52	0.733006	0.57588	1.15882	1.15882	0.77602	0.928305	-1.07723	0.743674	0.917983	-1.08934	0.223666	1.39574	1.39574	0.240882	1.37742	1.37742	0.593382	1.15092	1.15092	0.158483	1.48165	1.48165	0.763177	1.082	1.082	0.734307	1.09291	1.09291	0.650339	0.700607	0.957597	1
cg22738655	CLMN;CLMA	0.733035	0.590728	1.17784	1.17784	0.47417	1.04327	1.24527	0.996818	1.00051	1.00051	0.457882	1.25633	1.2563	0.839179	1.66318	1.66318	0.602928	1.19447	1.19447	0.914992	0.522637	1.12373	1.12373	0.712574	0.792305	1.08282	1.08282	0.650298	0.916189	1.27967	1
cg06637893	C16orf86;C16or48	0.733037	0.205241	1.33488	1.33488	0.977907	0.977588	-1.02293	0.655815	0.692678	-1.44367	0.969605	0.12596	1.25795	0.977021	0.924935	-2.03073	0.898029	0.902123	-1.10962	0.215645	0.376885	-2.65333	0.364249	0.466189	-2.14505	0.795744	0.808691	-1.23657	0.650295	0.90053	0.943235	1
cg14878842	MCF2L;MCF2L	0.733039	0.328133	1.36281	1.36281	0.394141	1.30692	1.30692	0.559177	1.19857	1.19857	0.72974	0.899105	-1.11222	0.294989	1.39525	1.39525	0.761769	0.91097	-1.09773	0.818037	0.931766	-1.07323	0.305028	1.38505	1.38505	0.409576	0.772103	-1.29516	0.650292	0.968621	1.32402	1
cg02801007	PDKG;LPDKG1	0.733043	0.560074	0.844162	-1.18461	0.772552	1.08639	1.08639	0.542268	0.919437	1.08805	0.944214	1.06246	1.06246	0.369284	0.944214	1.06246	0.993845	1.09888	1.00112	0.994363	0.956853	-1.02474	0.907189	0.907526	-1.08175	0.674434	0.940526	-1.06324	0.650372	0.218059	0.269526	1
cg02626802	GLRA3;GLRA3	0.733043	?	?	?	0.868702	1.14549	1.14549	0.528192	1.67653	1.67653	0.93072	0.102384	0.969991	0.967094	-1.03043	0.902703	0.255078	0.382599	-2.6137	0.282323	2.46782	2.46782	0.428955	1.9211	1.9211	?	?	?	0.613822	0.494335	9.20389	1
cg25338254	JAM102	0.733073	0.931916	0.954934	-1.04719	0.554065	1.18583	1.13683	0.662308	1.26764	1.26764	0.777137	1.16549	1.16549	0.288333	1.81884	1.81884	0.423684	1.55422	1.55422	0.612506	0.759085	-1.31737	0.761009	0.443911	-2.25271	0.921389	0.948125	-1.05471	0.650244	2.99028	4.43003	1
cg12074025	ZNF671	0.733091	0.290724	0.4493	-2.22569	0.651639	1.39326	1.39326	0.989713	0.990636	-1.00945	?	?	?	0.311062	2.14851	2.14851	0.761537	1.24869	1.24869	0.563388	0.65294	-1.53153	0.377117	1.93735	1.93735	0.40305	1.86715	1.86715	0.63396	4.75211	7.49591	1
cg26952136	PLAC9	0.7331	0.804337	1.13587	1.13587	0.090452	2.56529	2.60529	0.32586	1.68314	1.68314	0.917988	0.94851	-1.05429	0.408833	1.54276	1.54276	0.301724	1.73179	1.73179	0.728323	1.19599	1.19599	0.619006	1.29342	1.29342	0.505147	1.41491	1.41491	0.650206	2.71272	3.70852	1
cg02460652	C15orf27	0.733112	0.167773	1.54544	1.54544	0.323926	0.845933	1.18253	0.967367	1.08574	1.08574	0.594394	0.889368	1.08574	0.766407	1.18361	1.18361	0.585404	0.746037	1.34061	0.886589	0.541204	1.84773	1.84773	0.641771	0.56504	1.76937	1.76937	0.884233	0.556683	1.12065	0.892189	1.12065	0.650189	3.95863	4.93732	1
cg05106892	SYNM;SYNM	0.733117	0.433166	0.637181	-1.56941	0.730053	0.822681	-1.21554	0.397783	0.61393	-1.62885	0.628092	0.759522	-1.31662	0.390267	0.608917	-1.64226	0.707	1.23712	1.23712	0.363342	1.69287	1.69287	0.283554	1.87351	1.87351	0.59217	0.737336	-1.35623	0.650182	3.26974	4.47019	1
cg10615990	HNRNPH1;HNRNPH1	0.733137	0.775881	1.10159	1.10159	0.440274	0.91078	1.10078	0.867483	0.85409	-1.17095	0.104258	0.304258	1.04258	0.102147	1.23405	1.23405	0.425506	1.31768	1.31768	0.313854	0.54004	-1.85101	0.014807	0.014807	0.998264	1.12144	1.12144	0.221488	1.56074	1.56074	0.650154	1.18334	1.61786	1
cg14512346	SLC24A4;SLC24A4;SLC24A4	0.733141	0.157636	2.52296	2.52296	0.569357	1.42222	1.42222	0.716604	0.799889	-1.25017	0.286737	1.96908	1.96908	0.358694	1.78259	1.78259	0.36559	1.76715	1.76715	0.936886	1.0497	1.0497	0.299513	1.93199	1.93199	0.952144	1.03744	1.03744	0.650148	1.86273	5.28116	1
cg02467154	TSPYL6;ACYP2	0.733155	0.0868709	0.419773	-2.38224	0.730762	0.853358	-1.17184	0.617034	0.793388	-1.26042	0.609536	0.78941	-1.26677	0.578387	0.772814	-1.29397	0.880856	1.07128	1.07128	0.810409	1.11665	1.11665	0.332952	0.632242	-1.58167	0.340648	0.637122	-1.56956	0.650129	2.16992	2.96683	1
cg08383378	ZNF500	0.733159	0.539121	1.40173	1.40173	0.373407	0.989	0.989	0.913601	1.06068	1.06068	0.632086	1.36163	1.36163	0.477033	1.47033	1.47033	0.365508	1.66065	1.66065	0.562888	1.37418	1.37418	0.814798	0.880346	-1.13592	0.691867	0.805454	-1.24154	0.650128	1.03723	1.45266	1
cg01524033	PCDH10;PCDH10	0.733156	0.832256	1.08613	1.08613	0.214424	0.610138	-1.66379	0.131738	0.530608	-1.88463	0.981624	0.991069	-1.00901	0.699297	1.16321	1.16321	0.724312	0.871156	-1.1479	0.992059	1.00388	1.00388	0.757692	0.886445	-1.1281	0.497814	1.30745	1.30745	0.650127	1.56252	2.13587	1
cg26359884	FHIT;FHIT	0.733164	0.0884858	0.559149	-1.78743	0.597133	0.491657	0.760769	0.645511	0.491657	-2.03377	0.492	0.506553	1.97992	0.553359	1.80765	1.80765	0.994308	0.98118	1.00309	0.615393	1.00765	-1.21811	0.3266	0.644779	-1.55334	0.481884	0.716569	1.39564	0.650105	0.624977	0.76497	1
cg15340334	HLA-B	0.733168	0.188853	0.639018	-1.5649	0.741791	0.899098	-1.11223	0.922144	0.960042	-1.03195	0.283959	0.699014	-1.43059	0.332393	0.724931	1.37944	0.602687	1.18405	1.18405	0.405551	1.31489	1.31489	0.943489	1.02307	1.02307	0.964805	0.985906	-1.0143	0.650111	0.66552	1.45687	1
cg18505871	RNF44	0.733182	0.396416	0.759777	-1.31583	0.616285	1.17314	1.17314	0.936796	0.975246	-1.02538	0.99972	0.999889	-1.00011	0.465895	0.790945	-1.26431	0.715521	0.89076	-1.12264	0.212628	1.51419	1.51419	0.292314	1.41242	1.41242	0.567624	0.833115	-1.20031	0.650091	1.02844	1.40622	1
cg01288367	FIA1;PIA1;PIA1	0.733189	0.182331	1.74907	1.74907	0.845933	1.24513	1.24513	0.987167	0.984199	-1.01612	0.415694	0.984199	-1.01612	0.415694	1.2273	1.2273	0.515225	1.21729	1.21729	0.97087	0.95048	0.89624	1.08623	1.08103	0.874805	0.16674	1.16674	0.650081	0.10744	0.13432	1
cg09303618	ZNF516	0.73319	0.857672	1.07493	1.07493	0.306213	0.53177	1.53177	0.642042	0.828253	-1.20736	0.648179	1.20312	1.20312	0.660939	1.19443	1.19443	0.694609	0.853143	-1.17214	0.0954156	2.0905	2.0905	0.568965	1.26077	1.26077	0.885805	0.943797	-1.05955	0.650079	1.66822	2.28104	1
cg19524596	NCRNA00086	0.733192	0.445387	1.27442	1.27442	0.888169	0.882577	-1.2689	0.553784	0.83704	-1.18004	0.888813	1.3159	1.3159	0.411996	2.32022	2.32022	0.428353	1.27209	1.27209	0.95258	0.94158	0.94158	0.852168	0.881012	-1.13459	0.760596	0.929858	0.924068	0.881202	0.760596	0.929858	0.924068	0.650077	0.188344	0.411983	1
cg10401356	KCNK9	0.73322	0.985092	1.01993	1.01993	0.123137	0.837891	1.83791	0.405642	2.45652	2.45652	0.502834	0.487567	-2.051	0.816804	0.782604	1.27779	0.555765	0.532873	1.87662	0.518675	0.500996	-1.99602	0.889676	1.15791	1.15791	0.734925	0.698382	-1.43188	0.650037	11.4883	15.7096	1
cg26401028	LRPAP1	0.73322	0.422021	2.33782	2.33782	0.166116	4.61351	4.61351	0.153747	4.86116	4.86116	0.611284	1.70012	1.70012	0.454931	2.19908	2.19908	0.417575	2.35782	2.35782	0.320301	2.89586	2.89586	0.466317	2.15453	2.15453	0.912337	1.12078	1.12078	0.650037	11.0369	15.0924	1
cg12531761	PIK3CD	0.733233	0.290551	1.79412	1.79412	0.875194	0.882577	1.21021	0.954362	1.4312	1.4312	0.597969	1.38393	1.38393	0.514099	1.43899	1.43899	0.335064	1.62605	1.62605	0.597532	0.7254	-1.37855	0.802875	1.12465	1.12465	0.610019	1.27082	1.27082	0.650031	2.78387	3.70531	1
cg20569612	NCP2	0.733251	?	?	?	0.960866	0.977034	-1.02351	0.648849	0.804861	-1.24245	?	?	?	0.886754	0.934729	1.06983	0.256791	1.75146	1.75146	0.261284	1.74148	1.74148	0.718666	1.18684	1.18684	0.447839	0.693296	-1.44239	0.650152	1.69452	3.15652	1
cg26014405	C3orf18	0.733256	0.790935	1.07449	1.07449	0.762274	2.98322	2.98322	0.357458	0.401431	2.49031	0.441379	0.666861	-1.49956	0.289795	2.48214	2.48214	0.598164	1.4458	1.4458	0.172348	2.07823	2.07823	0.482052	0.805787	-1.24125	0.658598	0.621542	-1.60889	0.650048	1.58541	3.19683	1
cg24493068	GHRH	0.733263	0.664667	0.859916	-1.1629	0.923118	0.967149	-1.03397	0.373342	1.37195	1.37195	0.484935	0.782252	-1.27836	0.685324	0.868517	-1.15139	0.707	1.23712	1.23712	0.363342	1.69287	1.69287	0.283554	1.87351	1.87351	0.59217	0.737336	-1.35623	0.650182	3.26974	4.47019	1
cg12351761	PIK3CD	0.733273	0.290551	1.79412	1.79412	0.875194	0.882577	1.21021	0.954362	1.4312	1.4312	0.597969	1.38393	1.38393	0.514099	1.43899	1.43899	0.335064	1.62605	1.62605	0.597532	0.7254	-1.37855	0.802875	1.12465	1.12465	0.610019	1.27082	1.27082	0.650031	2.78387	3.70531	1
cg14512346	SLC24A4;SLC24A4;SLC24A4	0.733141	0.157636	2.52296	2.52296	0.569357	1.42222	1.42222	0.716604	0.799889	-1.25017	0.286737	1.96908	1.96908	0.358694	1.78259	1.78259	0.36559	1.76715	1.76715	0.936886	1.0497	1.0497	0.299513	1.93199	1.93199	0.952144	1.03744	1.03744	0.650148	1.86273	5.28116	1
cg02467154	TSPYL6;ACYP2	0.733155	0.0868709	0.419773	-2.38224	0.730762	0.853358	-1.17184	0.617034	0.793388	-1.26042	0.609536	0.78941	-1.26677	0.578387	0.772814	-1.29397	0.880856	1.07128	1.07128	0.810409	1.11665	1.11665	0.332952	0.632242	-1.58167	0.340648	0.637122	-1.56956	0.650129	2.16992	2.96683	1
cg08383378	ZNF500	0.733159	0.539121	1.40173	1.40173	0.373407	0.989	0.989	0.913601	1.06068	1.06068	0.632086	1.36163	1.36163	0.477033	1.47033	1.47033	0.365508	1.66065	1.66065	0.562888	1.37418	1.37418	0.814798	0.880346	-1.13592	0.691867	0.805454	-1.24154	0.650128	1.03723	1.45266	1
cg15245983	GTN	0.733296	0.708707	0.832701	-1.20091	0.751089	0.856204	-1.16795	0.194927	0.513205	-1.95196	0.610391	1.2849	1.2849	0.393098	0.652604	1.53232	0.443271	0.676992	-1.47712	0.401369	0.65978	1.52047	0.360179	1.58238	1.58238	0.59846	0.771633	-1.29595	0.64993	2.44973	3.35042	1
cg04276825	SLC17A6	0.733315	0.328375	0.80677	-1.24894	0.827727	1.0492	1.0492	0.981586	0.994927	-1.0051	0.789351	1.086	1.086	0.748386	0.93154	-1.07349	0.886203	0.99617	-1.00386	0.964487	0.835837	-1.19637	0.944828	0.951821	1.1252	1.1252	0.141116	1.41731	1.41731	0.648979	0.49976	0.648979	0.64956	1
cg00741609	TLK1	0.733345	0.183446	0.403107	-2.48307	0.761452	1.35085	1.35085	0.913655	1.11045	1.11045	0.411766	0.436508	-2.29091	0.474422	0.824741	-2.05164	0.430753	0.648522	-1.54196	0.301455	2.21296	2.21296	0.891455	0.978837	-1.14438	0.374878	1.45863	2.45863	0.703874	1.44867	2.44867	0.649875	0.10415	13.7345	1
cg11550178	BC10L;BC10L	0.733338	0.152403	0.542763	-1.84243	0.922201	0.576804	-1.73369	0.287792	0.644068	-1.55263	0.946956	1.02688	1.02688	0.593507	0.806726	-1.23958	0.357831	0.685948	-1.45784	0.401006	0.709867	-1.40873	0.650959	0.852322	-1.17326	0.592533	0.80626	-1.24029	0.649872	1.63562	2.23719	1
cg05332867	ENGIC;ENGIC3	0.733348	0.712358	1.14499	1.14499	0.526307	1.70058	1.70058	0.848469	1.08117	1.08117	0.685184	1.18091	1.18091	0.439552	1.52468	1.23797	0.51496	1.15699	1.15699	0.664585	1.5047	1.5047	0.329035	1.15244	1.15244	0.323497	1.659658	1.659658	0.650018	1.2518	1.24333	1
cg04885377	MCF2L;MCF2L	0.73336	0.699766	0.894241	-1.11827	0.617503	1.15631	1.15631	0.189565	1.49309	1.49309	0.815921	1.06958	1.06958	0.664451	1.13417	1.13417	0.529866	1.20151	1.20151	0.149748	1.56478	1.56478	0.612873	0.863137	-1.15856	0.849139	0.94655	-1.05647	0.649841	0.854011	1.17145	1
cg22082564	UMPS;UMPS	0.733374	0.754987	1.33099	1.33099	0.598803	1.53474	1.53474	0.777153	1.25297	1.25297	0.101827	0.24091	-4.15093	0.623297	1.4821	1.4821	0.922313	1.1025	1.1025	0.627866	0.878348	-1.47417	0.992668	0.20053	2.00053	0.953898	1.04693	1.04693	0.649822	0.65057	0.88211	1
cg14442361	KBKB	0.73338	0.530222	0.799305	-1.25109	0.86841	1.06016	1.06016	0.109248	1.85816	1.85816	0.890507	0.952632	-1.04972	0.30118	1.4585	1.4585	0.690202	0.868359	-1.1516	0.681191	0.864556	-1.15666	0.748616	1.11994	1.11994	0.926253	0.967909	-1.03315	0.649813	1.27742	1.7474	1
cg11350077	VASH1	0.733423	0.941846	0.983307	-1.01698	0.0809073	1.56297	1.56297	0.396179	1.222	1.222	0.674682	1.10231	1.10231	0.591264	1.13324	1.13324	0.734583	1.08169	1.08169	0.313814	1.27172	1.27172	0.944078	1.01632	1.01632	0.781423	0.937836	-1.06629	0.649753	0.547806	0.749545	1
cg10448528	ZNF202	0.733424	0.280051	1.83784	1.83784	0.760264	1.18583	1.18583	0.612162	1.16262	1.16262	0.187182	0.65444	-1.52764	0.433386	1.07377	1.07377	0.961641	1.00475	1.00475	0.982637	1.01377	1.01377	0.922724	0.721174	-1.38624	0.919889	0.70548	-1.41748	0.64675	0.682083	0.934353	1
cg08003102	SPARCL1;SPARCL1	0.733429	0.316131	0.474128	-2.10914	0.495979	0.607885	-1.64505	0.370723	0.515896	-1.93837	0.697525	1.32477	1.32477	0.594986	0.679527	-1.47161	0.449808	1.64101	1.64101	0.998033	0.998227	-1.00178	0.728204	2.25223	2.25223	0.47679	0.593978	-1.68356	0.649745	0.33548	7.29926	1
cg25612710	ANKRD33B	0.733461	0.573388	1.00965	1.00965	0.7466	0.912308	1.06612	0.685975	0.836166	1.22534	0.619955	0.28381	1.28381	0.3853	0.574288	-1.74129	0.844794	0.907507	0.929539	-1.0758	0.563107	0.911826	-1.0967	0.382189	1.15494	1.15494	0.650389	0.265043	0.362235	1
cg22480557	ATF6B;ATF6B	0.733473	0.407125	1.54585	1.54585	0.88704	0.929594	-1.07574	0.783713	1.1518	1.1518	0.512455	1.40668	1.40668	0.620424	1.29231	1.29231	0.862027	0.914523	-1.09347	0.571453	0.745463	-1.34145	0.167516	0.469684	-2.12909	0.341153	1.65506	1.65506	0.649682	2.71479	3.71436	1
cg12149905	PTPRG	0.733486	0.514967	0.88024	-1.13605	0.70349	0.928783	-1.07668	0.179217	1.31739	1.31739	0.464521	0.821301	-1.21773	0.464173	0.865941	-1.15481	0.467558	1.15151	1.15151	0.972419	1.0067	1.0067	0.713712	1.07378	1.07378	0.827578	1.04304	1.04304	0.649664	0.384053	0.525473	1
cg16779580	RAB11FIP4	0.7335	0.215804	1.57268	1.57268	0.7412	1.47712	1.47712	0.752713	1.88092	1.88092	0.124534	0.327582	1.41574	1.41574	0.499537	1.03708	1.03708	0.872065	1.1467	1.214405	1.56776	1.56776	0.646444	1.2376	1.2376	0.641211	1.66681	1.66681	0.649653	1.11699	1.54523	1
cg01035520	C20orf199;SNORD12C;C20orf199;ZNFX	0.733511	0.81483	1.14695	1.14695	0.28513	1.91327	1.91327	0.540036	1.43697	1.43697	0.654699	1.30093	1.30093	0.176923	2.31356	2.31356	0.973668	0.980895	-1.01948	0.566776	0.712932	-1.40266	0.365495	0.580783	-1.72181	0.824725	0.878422	-1.13841	0.649629	3.51387	4.80804	1
cg14827056	EIF2C;EIF2C2	0.733519	0.568923	1.35596	1.35596	0.270332	1.85303	1.85303	0.329778	1.70224	1.70224	0.500567	0.696539	-1.43567	0.71141	0.821562	-1.21719	0.554859

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Probeset ID	UCSC_REFGENE_NAME DBNDD2;DBNDD2;SYS1-DBNDD2;DBNDD2;DBNDD2	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3-vs-537 vs. N)	p-value(5377 vs. N)	Fold-Change(5-vs-537 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-563 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)
cg09039664	DBNDD2;DBNDD2;DBNDD2	0.734175	0.652035	0.820424	-1.21888	0.0762286	2.36356	2.36356	0.634377	1.23233	1.23233	0.559998	1.29303	1.29303	0.550393	1.30142	1.30142	0.707912	1.17835	1.17835	0.524281	1.32495	1.32495	0.363205	1.50302	1.50302	0.886026	1.06453	1.06453	0.648697	1.9534	2.57668	1
cg07657064	ZSCAN18;ZSCAN18;ZSCAN18;ZSCAN18	0.734177	0.624477	1.06478	1.06478	0.833253	1.02718	1.02718	0.430877	0.902771	-1.1077	0.498895	0.916369	-1.09126	0.851621	0.976458	-1.02411	0.521574	0.920675	-1.08616	0.254602	0.859557	-1.16339	0.760553	0.961858	-1.03965	0.210076	1.18299	1.18299	0.648694	0.166294	0.227868	1
cg18413212	GULP1	0.734181	0.872585	0.886873	-1.12756	0.490374	1.68885	1.68885	0.436526	1.81075	1.81075	0.922978	0.930218	-1.07052	0.163874	0.329149	-3.03814	0.479227	0.583891	-1.71265	0.606909	0.678286	-1.4743	0.395252	1.91797	1.91797	0.789473	0.818594	-1.22161	0.648688	5.7483	7.37681	1
cg18734712	DKKL1;TEAD2	0.734189	0.525761	0.862969	-1.15879	0.402216	0.821588	-1.21716	0.868027	1.03886	1.03886	0.891681	1.03172	1.03172	0.329441	1.25949	1.25949	0.619828	1.12146	1.12146	0.277197	1.2957	1.2957	0.249956	1.32238	1.32238	0.829543	0.951178	-1.05066	0.648677	0.539815	0.739714	1
cg26134095	NACAP1	0.73419	0.448871	0.493968	-2.02442	0.968856	1.03632	1.03632	0.160018	0.253628	-3.94279	0.358042	0.421574	-2.37206	0.365691	0.427691	-2.33814	0.738154	0.735937	-1.35881	0.54626	1.74724	1.74724	0.923664	0.916139	-1.09154	0.282267	0.360191	-2.77631	0.648677	8.58022	11.7576	1
cg11442050	EIF4ENIF1;EIF4ENIF1;EIF4ENIF1	0.734194	0.592328	0.960567	-1.04203	0.531809	0.894252	-1.11825	0.0931349	1.38539	1.38539	0.513267	0.88958	-1.12413	0.64525	1.08525	1.08525	0.888649	1.02503	1.02503	0.869256	1.02251	1.02251	0.826294	0.95757	-1.04431	0.730978	1.06303	1.06303	0.64867	0.319964	0.438454	1
cg22073079	LRRC4B	0.734195	0.343947	1.29605	1.29605	0.427187	1.8992	1.8992	0.557722	1.58053	1.58053	?	?	?	?	?	?	?	?	?	?	0.377577	0.79926	-1.25116	0.591009	1.53605	1.53605	0.56635	1.58189	1.58189	0.612155	4.72051	8.81291	1
cg19739264	CLPTM1L NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.734207	0.343196	2.6185	2.6185	0.592895	0.587434	-1.70232	0.722851	1.42053	1.42053	0.381663	2.42174	2.42174	0.442847	2.16258	2.16258	0.710016	1.44511	1.44511	0.243699	0.300468	-3.32814	?	?	?	0.947665	0.93734	-1.06685	0.632372	8.65095	13.6802	1
cg16960291	C1	0.734213	0.467717	1.32628	1.32628	0.610301	1.15898	1.15898	0.751109	0.912707	-1.09564	0.807508	0.93233	-1.07258	0.82726	1.06474	1.06474	0.400032	0.780198	-1.28055	0.101641	1.64979	1.64979	0.68008	0.887789	-1.12639	0.844789	0.945291	-1.05788	0.648644	0.846469	1.15998	1
cg12765570	ANKRD33B	0.734236	0.487775	2.03882	2.03882	0.659859	0.624047	-1.61185	0.617693	1.66233	1.66233	0.483674	2.05513	2.05513	0.178111	2.035517	-1.34597	0.359388	2.72906	2.72906	0.703894	1.47201	1.47201	0.675152	1.77226	1.77226	0.750782	0.724695	-1.37989	0.648611	10.4906	14.3768	1
cg07256006	PMF1	0.734245	0.885113	1.02556	1.02556	0.280212	1.21649	1.21649	0.390897	0.857722	-1.16588	0.348091	1.18331	1.18331	0.326593	1.11941	1.11941	1.162684	1.24844	1.24844	0.875134	0.97292	-1.02783	0.804547	1.04424	1.04424	0.648591	0.313075	0.429067	1
cg26354222	DZIP1;LOZP1L	0.73426	0.561006	1.44538	1.44538	0.792805	0.84792	-1.17936	0.987104	1.00118	1.00118	0.531079	1.48826	1.48826	0.496297	1.74089	0.787583	-1.26971	0.571159	1.43141	1.43141	0.101692	1.07355	0.257388	2.09742	2.09742	0.645286	1.33705	1.33705	0.648575	0.403396	0.552863	1
cg13797933	ZBTB38	0.734265	0.217349	2.56649	2.56649	0.590933	2.88955	2.88955	0.24757	2.40491	2.40491	0.656156	1.98435	1.98435	0.706478	1.51602	1.51602	0.20005	1.00051	1.00051	0.90571	1.08082	1.08082	0.307431	2.15308	2.15308	0.685039	1.67265	1.67265	0.64826	5.41222	7.41757	1
cg04083208	PTPRN2;PTPRN;2:PTPRN2	0.734266	0.910017	0.962082	-1.03941	0.521925	0.800975	-1.24848	0.958144	1.01811	1.01811	0.971834	0.988	-1.01215	0.835408	1.07373	1.07373	0.463469	1.29066	1.29066	0.133258	0.574774	-1.73981	0.666357	1.15988	1.15988	0.266821	0.673303	-1.48522	0.648569	1.20085	1.6458	1
cg13733739	PIRK2	0.734269	0.910213	1.04466	1.04466	0.476334	1.32219	1.32219	0.633969	1.19927	1.19927	0.887099	1.05631	1.05631	0.514946	0.775105	-1.29	0.488618	0.762379	-1.31168	0.893263	1.07084	1.07084	0.900387	2.00197	2.00197	0.561942	1.25375	1.25375	0.648565	1.51767	2.09375	1
cg04499648	MYOD1	0.734281	0.410046	0.777398	-1.28634	0.366474	0.757687	-1.31981	0.482567	0.807912	-1.23776	0.929508	0.973902	-1.0268	0.090367	0.572496	-1.74674	0.867528	0.953329	-1.05116	0.237922	0.733585	-1.40138	0.974409	0.990458	-1.00963	0.836523	0.940114	-1.0637	0.648549	0.917566	1.2576	1
cg13131908	STARD5	0.734301	0.808887	1.10175	1.10175	0.294468	0.647366	-1.54472	0.681103	0.847678	-1.17969	0.916344	1.04291	1.04291	0.854123	1.07638	1.07638	0.380623	1.43283	1.43283	0.582863	0.801061	-1.24834	0.191328	1.7389	1.7389	0.509248	0.765095	-1.30703	0.64852	1.64269	2.25154	1
cg26985471	ATF6B;ATF6B	0.734303	0.146861	1.7008	1.7008	0.564455	1.22409	1.22409	0.252185	1.51692	1.51692	0.962121	0.986592	1.01407	0.990904	0.930248	-1.18324	0.727025	1.12985	1.12985	0.854605	0.936098	1.06599	0.708206	1.11405	1.11405	0.77677	0.905721	-1.10409	0.648518	1.24642	1.7084	1
cg15462247	PNMA1;C14orf43;C14orf43	0.734309	0.393852	1.39211	1.39211	0.952424	0.977653	-1.02286	0.963663	1.01741	1.01741	0.455577	1.33357	1.33357	0.321466	0.678423	-1.47401	0.303133	0.607633	-1.49783	0.955888	1.02117	1.02117	0.503976	0.773474	-1.29287	0.346497	1.4437	1.4437	0.648509	1.47363	2.01985	1
cg06930431	GLI1;GLI1;GLI1;GLI1;GLI1;GLI1	0.73432	?	?	?	0.938815	0.726261	-1.38756	0.626018	0.774596	-1.291	0.431887	1.53886	1.53886	?	?	?	0.677648	0.804673	-1.24274	0.200649	0.492604	-2.03003	0.757013	0.851047	-1.17502	0.562005	1.3567	1.3567	0.610987	1.98793	3.25364	1
cg27475076	TTLL9;DUSP15;DUSP15;DUSP15	0.734342	0.625852	0.895193	-1.11708	0.900889	0.972317	-1.02847	0.692011	1.09386	1.09386	0.122338	0.685729	-1.4583	0.745651	1.07609	1.07609	0.225224	0.750517	-1.33241	0.68539	0.912316	-1.09611	0.61743	1.12015	1.12015	0.790295	0.941714	-1.06189	0.648463	0.521402	0.714718	1
cg18473686	SYN3	0.734342	0.520655	0.752297	-1.37875	0.805315	1.12954	1.12954	0.492712	1.41011	1.41011	0.9524	0.970983	-1.02988	0.328658	0.608155	-1.64432	0.95349	0.976319	-1.02919	0.154526	0.267226	0.565442	-1.76853	0.910651	0.946132	-1.05694	0.648463	2.49898	3.42551	1
cg18477900	SMPD1;SMPD1;SMPD1	0.734351	0.415746	1.83037	1.83037	0.236131	2.46507	2.46507	0.10155	2.82959	2.82959	0.0158	2.53229	2.53229	0.150817	1.53329	1.53329	0.504412	1.6361	1.6361	0.777905	1.02505	1.02505	0.940571	1.24274	1.24274	0.727182	1.22688	1.22688	0.648451	5.24331	7.43559	1
cg25138649	CAPN8	0.734351	0.972016	1.01431	1.01431	0.408332	1.40859	1.40859	0.416274	0.714221	-1.40013	0.791727	1.11317	1.11317	0.683855	1.18039	1.18039	0.091368	2.12392	2.12392	0.854731	0.928437	-1.07708	0.955452	1.02289	1.02289	0.590367	1.24625	1.24625	0.64845	1.68532	2.31022	1
cg19935756	GABBR1	0.734364	0.989731	1.01093	1.01093	0.374834	0.694872	-1.43968	0.650669	0.845267	-1.18343	0.915657	-1.63935	0.610757	0.027855	1.45354	1.45354	0.878777	-1.13795	0.878777	-1.13795	0.731128	2.16524	2.16524	0.183574	0.924099	-1.08183	0.742705	0.871929	1.14683	0.648641	51.5121	70.6144	1
cg24069625	ZNF816A	0.734374	0.820542	1.06165	1.06165	0.929532	1.02478	1.02478	0.1808	1.45372	1.45372	0.612092	1.14412	1.14412	0.704819	1.1054	1.1054	0.255593	1.36681	1.36681	0.705209	0.904779	-1.10524	0.292669	1.36324	1.36324	0.261506	1.3611	1.3611	0.648418	0.711987	0.975896	1
cg17497176	SLC4A2	0.734388	0.448925	0.640824	-1.56049	0.513334	0.682302	-1.46563	0.499074	0.673202	-1.48544	0.475504	0.658066	-1.5196	0.129699	0.389053	-2.57034	0.711454	0.807134	-1.23895	0.347454	0.572417	-1.74698	0.655434	0.771818	-1.29564	0.154548	0.415292	-2.40794	0.648398	3.45117	4.68185	1
cg08103118	DIRC3	0.734397	0.25131	1.9007	1.9007	0.749095	0.713464	-1.40156	0.234787	1.6572	1.6572	0.966556	0.923487	1.08346	0.739244	1.14846	0.879277	-1.13795	0.648067	-1.17979	0.314391	0.153163	3.51163	0.304592	0.704552	1.42006	0.891837	0.73915	1.35293	0.648663	1.17098	1.54886	1
cg22857963	GLI4	0.734402	0.219466	0.366307	-2.72995	0.513013	0.596727	-1.67525	0.367443	0.486734	-2.05451	0.823593	0.840594	-1.18964	0.362534	0.482944	-2.07063	0.488911	0.578187	-1.72766	0.386006	0.840599	-1.18962	0.142187	0.293126	-3.4115	0.869658	1.13624	1.13624	0.648379	6.21126	8.51527	1
cg25322489	PTPN2;PTPN2;PTPN2	0.734424	?	?	?	0.938815	0.726261	-1.38756	0.626018	0.774596	-1.291	0.431887	1.53886	1.53886	?	?	?	0.677648	0.804673	-1.24274	0.200649	0.492604	-2.03003	0.757013	0.851047	-1.17502	0.562005	1.3567	1.3567	0.610987	1.98793	3.25364	1
cg07398558	TRNAU1AP;TRNAU1AP	0.734429	0.582939	1.11294	1.11294	0.62578	1.09948	1.09948	0.409531	1.17674	1.17674	0.4535	1.15875	1.15875	0.316672	1.22109	1.22109	0.259674	1.25469	1.25469	0.356351	1.20088	1.20088	0.318891	0.819737	-1.2199	0.892167	1.02652	1.02652	0.64834	0.382353	0.524173	1
cg19647611	RPL6;RPL6	0.734438	0.83905	0.930401	-1.07492	0.586387	1.12555	1.12555	0.120129	1.82023	1.82023	0.519318	1.2612	1.2612	0.496297	1.27813	1.27813	0.257166	1.52213	1.52213	0.297346	1.46787	1.46787	0.93146	0.969911	-1.03102	0.977776	1.00994	1.00994	0.648328	1.29586	1.77669	1
cg12659740	TM95P4	0.734447	0.428987	1.82016	1.82016	0.262706	2.62836	1.44759	1.44759	0.217314	1.64253	1.64253	1.45213	1.45213	0.594549	1.66686	1.66686	0.729952	1.32915	1.32915	0.508187	1.02622	1.02622	0.944193	0.837963	-1.19372	0.445864	1.2501	1.2501	0.291025	1.36992	1.66315	1.66315	0.847275	1.16168	1
cg01219540	EHMT1	0.734455	0.695468	0.801494	-1.24767	0.429481	1.57405	1.57405	0.459323	0.654562	-1.52774	0.619405	1.3253	1.3253	0.728186	0.821808	-1.21683	0.447268	0.646819	-1.54603	0.339389	1.73998	1.73998	0.984908	0.989417	-1.0107	0.213907	0.478981	-2.08776	0.648304	3.24853	4.45406	1
cg26215909	KIAA0754;MACF1;MACF1	0.734459	0.812769	1.09239	1.09239	0.799134	0.977754	-1.07787	0.513187	1.31582	1.31582	0.23518	1.22538	1.22538	0.412552	1.07987	1.07987	1.06026	1.16626	1.16626	0.542564	0.70995	1.51613	1.51613	0.257093	0.6089	1.64209	0.888018	0.888018	1.64209	0.648611	2.21757	1
cg19460836	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.734475	0.612672	0.716789	-1.39511	0.826749	1.15369	1.15369	0.911849	1.0749	1.0749	0.775022	0.829527	-1.20551	0.211124	0.42346	-2.3615	0.174638	1.38996	1.38996	1.25636	0.297448	0.494356	-2.02283	0.89541	0.917792	-1.08957	0.284066	0.483923	-2.06444	0.648277	2.3676	5.98866	1
cg15110101	BEST1;BEST1 ZNF323;ZNF323;ZNF323;ZNF323;ZNF323	0.734485	0.44981	0.669389	-1.4939	0.221097	0.511482	-1.9551	0.108452	0.401447	-2.49099	0.694425	0.814	-1.2285	0.38411	0.628041	-1.59225	0.557289	0.733912	-1.36256	0.80318	0.877953	-1.13901	0.30423	0.574302	-1.74124	0.635904	0.77991	-1.2822	0.648262	2.78929	3.82464	1
cg19013262	2;NF323	0.734493	0.59506	1.12804	1.12804	0.299139	0.785301	-1.2734	0.536419	0.868832	-1.15097	0.334105	1.25075	1.25075	0.179315	1.28739	1.28739	0.602835	1.12513	1.12513	0.691247	0.914241	-1.0938	0.814267	1.05428	1.05428	0.851653	1.18799	1.18799	0.648251	0.51789	0.710137	1
cg20976036	ESPNP PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.734497	0.13746	1.37241	1.37241	0.0966	1.51616	1.51616	0.748764	0.91635	-1.09154	0.744345	0.966153	-1.03496	0.661727	0.954403	-1.04801	0.449324	1.15262	1.15262	0.954692	0.854201	1.17081	0.45721	1.45721	0.684245	1.46245	1.0825	1.0825	0.924055	1.09773	1.44045	1.0825	1.44045	1
cg24883607	PRKAR1B;PRKAR1B	0.734509	0.990175	0.98878	-1.01135	0.310386	1.61646	1.61646	0.327633	2.52424	2.52424	0.847737	1.19261	1.19261	0.26503	0.344929	-2.89915	0.926557	0.918087	-1.08815	0.52558	0.556654	-1.80292	0.928401	0.920945	-1.08584	0.326749	0.395444	-2.5288	0.648238	8.63051	11.8209	1
cg09261403	C7orf20	0.734515	0.517159	0.724135	-1.38096	0.317917	1.66095	1.66095	0.278474	1.73097	1.73097	0.355077	0.626516	-1.59613	0.701768	0.827697	-1.20817	0.39322	0.650596	-1.53705	0.518238	0.796738	0.979714	-1.02071	0.788111	0.875989	-1.14157	0.68222	2.48004	3.40082	1
cg19861623	TTC7B	0.734537	0.628503	0.642356	-1.55677	0.167474	1.80291	1.80291	0.148322	1.48627	1.48627	0.77018	0.766485	-1.30466	0.842372	0.834641	-1.19812	0.803925	0.797854	-1.25336	0.707929	1.40728	1.40728	0.903248	0.895475	-1.11673	0.957588	0.952867	-1.04946	0.648189	8.46076	11.6026	1
cg19454538	DCAF6;GOSR1;GOSR1;GOSR1	0.734547	0.882704	1.13295	1.13295	0.907995	1.31466	1.31466	0.542593	1.1229	1.1229	0.161122	1.15242	1.15242	0.384797	1.08841	1.08841	0.765906	1.0287	1.0287	0.937381	1.01518	1.01518	0.885881	1.02484	1.02484	0.892331	0.981481	-1.0137	0.594172	0.950304	1.24158	1.24158	0.892331	0.126483	1
cg02107269	NUDC	0.73542	?	?	?	0.493911	2.20424	2.20424	0.391931	2.72123	2.72123	?	?	?	0.410823	2.60971	2.60971	?	?	?	0.607699	1.79981	1.79981	0.174706	5.31478	5.31478	0.610618	1.79104	1.79104	0.5849	7.52922	12.8727	1
cg21235508	GAPVD1	0.734563	0.975505	1.09404	1.09404	0.162447	1.69928	1.69928	0.155294	1.7018	1.7018	0.863579	0.91657	-1.09102	0.768422	0.902037	-1.10596	0.686278	0.867666	-1.15252	0.915353	1.99375	1.99375	0.614984	1.19403	1.19403	0.61468	0.903234	-1.03817	0.648153	1.52445	1.72937	1
cg10099275	PLCZ1	0.734563	0.218721	0.38824	-2.58824	0.761387	0.606087	-1.64993	0.447653	0.868665	-1.21286	0.291641	0.565467	-1.64351	0.615196	2.30089	2.30089	0.259708	0.91052	0.91052	0.798214	0.656401	-1.52346	0.910262	1.20366	1.20366	0.796024	0.653182	-1.53097	0.648153	17.748	38.0542	1
cg07532159	LAMA2;LAMA2	0.734578	0.980979	1.00947	1.00947	0.128191	0.521486	-1.91613	0.536188	2.8093	1.28093	0.224385	0.603694	-1.65647	0.86852	1.06771	1.06771	0.729683	0.87182	-1.14703	0.595698	1.23585	1.23585	0.883764	0.943792	-1.05956	0.919697	0.960907	-1.04068	0.648131	1.60518	2.20145	1
cg17408636	FSPN	0.734588	0.385389	1.49705	1.49705	0.0855	1.55955	1.55955	0.78907	1.13313	1.13313	0.614079	1.23705	1.23705	0.156569	1.02735	1.02735	0.423906	1.67287	1.67287	0.146617	0.776976	1.22314	1.22314	0.521252	1.37078	1.37078	0.154083	2.09633	2.70619	2.70619	0.648128	2.69553	3.48127	1
cg00020649	OCA2 HERC1;REPIN1;REPIN1;REPIN1;REPIN1;	0.734603	0.173894	0.186298	-5.36775	0.672312	0.610066	-1.63917	0.521922	0.470506	-2.12537	0.563131	0.507276	-1.97131	0.233158	0.234078	-4.27208	0.167942	0.18141	-5.51237	0.353469	0.3299	-3.03122	0.436853	0.397988	-2.51264	0.713981	0.652078	-1.53356	0.648096	13.8494	18.9949	1
cg15951691	REPIN1	0.734607	0.836824	0.956995	-1.04494	0.562863	1.13279	1.13279	0.648278	1.10284	1.10284	0.626816	0.900832	-1.11008	0.682905	0.916179	-1.09149	0.916356	0.977857	-1.02264	0.116891	0.695533	-1.43775	0.742265	0.932078	-1.07287	0.335459	1.23578	1.23578	0.648091	0.466312	0.63957	1
cg24629545	MAD1L1;MAD1L1;MAD1L1	0.734642	0.0828122	0.135437	-7.38348	0.854102	1.21117	1.21117	0.670961	0.640974	-1.56012	0.749917	1.39485	1.39485	0.755752	1.3837	1.3837	0.395152	2.47539	2.47539	0.800704	1.30117	1.30117	0.887625	0.863155	-1.15854	0.995777	0.994507	-1.00552	0.648041	11.1181	15.2502	1
cg26422161	GPBAR1;GPBAR1;GPBAR1	0.734647	0.859943	1.05201	1.05201	0.0468	1.15363	1.15363	0.905485	1.03309	1.03309	0.682004	0.989832	-1.01027	0.943599	1.0231	1.0231	0.779581	1.07581	1.07581	0.778312	1.0198	1.0198	0.973938	1.01989	1.01989	0.070184	1.6878	1.6878	0.164035	0.688382	0.944231	1
cg09196456	NDUFS7	0.734647	0.438393	1.16664	1.16664	0.748613	1.0647	1.0647	0.812344	0.954683	-1.04747	0.587558	1.1127	1.1127	0.902125	1.43922	1.43922	0.37369	1.1949	1.1949	0.630473	1.09913	1.09913	0.667701	1.08786	1.08786	0.602169	0.902527	1.1008	0.648035	0.390256	0.535302	1
cg12420514	PTPN2;PTPN2;PTPN2;PTPRN2	0.734654	0.604644	1.18444	1.18444	0.722902	0.736488	1.18228	0.678238	1.18201	1.18201	0.4229	0.627556	-1.59148	0.548592	1.07804	1.07804	0.60943	1.34484	1.34484	0.632578	1.31544	1.31544	0.433421	1.57617	1.57617	0.233057	1.49079	1.49079	0.648033	0.24812	0.33153	1
cg19456290	PLCB4;PLCB4	0.734673	0.377084	0.595647	-1.67885	0.468653	0.65608	-1.5242	0.2829	1.89233	1.89233	0.302404	0.555938	-1.79876	0.576706	0.724437	-1.38038	0.761442	1.19012	1.19012	0.437957	1.57187	1.57187	0.641707	1.30718	1.30718	0.838663	0.889998	-1.1236	0.647998	3.35351	4.60017	1
cg26354191	WDR8	0.734675	0.376241	0.714326	-1.39992	0.774506	1.12219	1.11229	0.58757	0.817365	-1.22344	0.868374	1.06138	1.06138	0.384782	0.593124	-1.68599	0.315126	0.680571	-1.46936	0.333047	0.69078	-1.44764	0.759433	0.892442	-1.12052	0.502427	1.28682	1.28682	0.647995	1.40864	1.5923	1
cg26739182	EIF4H;EIF4H	0.734685	0.460255	0.789407	-1.26725	0.677643	1.13137	1.13137	0.739246	0.904653	-1.10515	0.542898	1.20242	1.20242	0.403447	1.13478	1.13478	0.429306	1.67287	1.67287	0.146617	0.776976	1.22314	1.22314	0.521252	1.37078	1.37078	0.154083	2.09633	2.70619	2.70619	0.648128	2.62119	3.31181	1
cg18044720	AFF1	0.734702	0.788226	1.07409	1.07409	0.819409	1.06259	1.06259	0.362751	1.28188	1.28188	0.448364	0.814556	-1.22766	0.490608	0.830373	-1.20428	0.423737	0.805016	-1.24221	0.345278	0.772561	-1.2944	0.740512	1.09224	1.09224	0.304463	1.3262	1.3262	0.647958	0.723204	0.992114	1
cg09548167	OSTC	0.734708	0.168873	1.93869	1.93869	0.512796	1.94889	1.94889	0.125663	1.30484	1.30484	0.387152	1.32934	1.32934	0.444794	0.849334	-1.17734	0.74477	1.07069	1.07069	0.731619	1.07464	1.07464	0.659899	1.00972	1.00972	0.949553	1.1541	1.1541	0.647958	0.448093	0.615531	1
cg18289746	TUBE1;C6orf225;TUBE1;C6orf225	0.734735	0.681987	1.24833	1.24832	0.325881	1.72651	1.72651	0.833739	1.11981	1.11981	0.903407	1.06977	1.06977	0.209729	0.49045	-2.03894	0.864895	1.09601	1.09601	0.887044	0.926338	-1.07952	0.755428	1.18319	1.18319	0.204715	1.486535	1.486535	0.647958	0.219741	0.297407	0.48022	1
cg12276487	GBA;GBA;GBA;GBA;GBA;GBA;GBA;GBA	0.734741	0.355288	0.788663	-1.26797	0.358475	0.789971	-1.26587	0.389014	1.24659	1.24659	0.764903	1.07775	1.07775	0.729776	1.09044	1.09044	0.917739	1.02613	1.02613	0.93245	0.979056	-1.02139	0.232776	1.3667	1.3667	0.46125	0.829213	-1.20596	0.647903	0.639673	0.877597	1
cg16382382	TGFBR3	0.734751	0.886148	1.22202	1.22202	?	?	?	0.406736	3.3111	3.3111	?	?	?	?	?	?	0.165083	8.34232	8.34232	0.947595	1.09634	1.09634	0.499432	2.62335	2.62335	0.481508	2.73719	2.73719	0.584577	11.508	19.6861	1
cg20771871	FAS1	0.734753	0.88194	1.13703	1.13703	0.354393	0.773049	-1.36417	0.741791	1.31179	1.31179	0.640292	1.27581	1.27581	0.529

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050T 047 vs. N)	Fold-Change(1050T 047 vs. N)	p-value(1051 N)	Fold-Change(1051 057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 117 vs. N)	Fold-Change(1127 117 vs. N)	p-value(1137 vs. N)	Fold-Change(1137 12T vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 53T vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 63T vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05415308	CTI2		0.634567	1.18364	1.18364	0.762252	2.00289	2.00289	0.852567	1.0677	1.0677	0.976699	1.01034	1.01034	0.955194	1.01998	1.01998		0.515283	1.26323	1.26323	0.525292	1.25442	1.25442	0.224428	1.54619	1.54619	0.689344	1.15198	1.15198	0.646801	1.26999	1.74532								
cg24286767	RNF181		0.735527	0.850533	1.03811	1.03811	0.302263	1.23599	1.23599	0.154113	1.3532	1.3532	0.811318	0.953693	-1.04856	0.451616	1.16421	1.16421		0.8682818	0.967614	-1.03347	0.396023	0.841709	-1.18806	0.513428	1.14042	1.14042	0.942693	0.985848	-1.01435	0.6468	0.402636	0.553338								
cg08373323	FLJ32810		0.735538	0.505811	0.757387	-1.32033	0.781702	1.12113	1.12113	0.25897	0.615854	-1.62376	0.409729	1.41483	1.41483	0.774747	0.888611	-1.12535		0.9778691	1.01148	1.01148	0.508031	0.758517	-1.31836	0.997653	0.99879	-1.00121	0.154656	0.534093	-1.87233	0.646784	1.73539	2.38498								
cg09196248	DPF3		0.735542	0.350052	0.586772	-1.70424	0.214987	0.485092	-2.06107	0.368303	0.599034	-1.66938	0.3656	0.57398	1.67398	0.838964	1.299319	1.299319		0.6187653	0.757275	-1.32052	0.584839	0.736558	-1.35767	0.824935	0.884455	-1.13064	0.704466	1.235161	1.235161	0.646778	1.34655	4.32441								
cg16870351	ZIC3		0.735546	0.704315	0.467704	-2.1381	0.830522	0.652336	-1.53295	0.866428	0.718606	-1.39158	0.369096	0.628732	1.628732	0.425885	0.55584	0.55584		0.609452	0.358114	-2.79241	0.375899	0.173722	17.8966	0.841707	0.671304	0.671304	0.148964	0.667769	40.6906	55.9233								
cg02606947	DLL4		0.735552	0.709662	0.928868	-1.07658	0.587777	1.11403	1.11403	0.790912	0.15883	1.05383	0.950178	1.02043	1.02043	0.474209	1.15442	1.15442		0.2096674	1.29805	1.29805	0.578853	0.895274	-1.11698	0.486732	1.14962	1.14962	0.157885	1.14704	1.14704	0.646764	0.398756	0.548036								
cg07287255	GNAO1;GNAO1		0.735555	0.453	1.44876	1.44876	0.132015	2.19968	2.19968	0.547535	1.34332	1.34332	0.497669	1.39635	1.39635	0.479703	1.41682	1.41682		0.3777728	1.55098	1.55098	0.260744	1.76614	1.76614	0.873895	0.92587	-1.08006	0.741694	0.851807	-1.17397	0.646761	2.40866	3.3104								
cg18388634	HSPA1A		0.735556	0.559803	0.800017	-1.24997	0.591673	0.506768	-1.97637	0.548333	1.25838	1.25838	0.96912	1.00765	1.00765	0.931321	0.967911	-1.03315		0.7007437	1.11228	1.11228	0.543519	0.790416	-1.26496	0.996385	1.00372	1.00372	0.174052	0.578587	-1.72835	0.646753	1.46654	2.0156								
cg07797425	KCNN3;KCNN3		0.735561	0.892393	1.01443	1.01443	0.30045	1.12025	1.12025	0.977595	0.997033	-1.00298	0.160414	0.853261	1.17198	0.892379	0.985777	1.01443		0.7118454	1.04004	1.04004	0.305327	1.11888	1.11888	0.649168	0.952688	-1.04966	0.845184	1.0209	1.0209	0.646753	1.1147	1.157658								
cg08565139	LOC401097		0.735561	0.626401	1.0914	1.0914	0.169151	0.770166	-1.29842	0.658298	0.923717	-1.08258	0.472097	1.11928	1.11928	0.428602	1.15496	1.15496		0.519889	1.12333	1.12333	0.592077	0.908292	-1.10097	0.788921	1.049	1.049	0.515419	1.12477	1.12477	0.646751	0.325556	0.447441								
cg10145382	LMOT1;LMOT		0.735564	0.796509	1.31516	1.31516	0.244432	0.6841	-1.4619	0.154766	0.83194	-1.21562	0.882281	0.996575	1.00434	0.974139	1.04874	1.04874		0.7063586	1.17312	1.17312	0.748703	1.14522	1.14522	0.419981	0.92409	-1.08224	0.844198	1.14569	1.14569	0.646748	1.82318	2.50578								
cg02495058	GREB1		0.735571	0.167037	0.351615	-2.84402	0.338407	0.496949	-2.01414	0.18485	0.368675	-2.71239	0.797365	0.833133	-1.20029	0.563852	0.661006	-1.51285		0.9579571	-1.22228	0.794737	0.793099	-1.26088	0.947096	1.04821	1.04821	0.236558	0.414794	-2.41083	0.646738	5.15676	7.08754								
cg25533120	SPYL2B;LIM7;SPYL2B		0.735579	0.473455	0.904326	-1.1059	0.803725	0.966236	-1.03494	0.65799	1.06638	1.06638	0.723547	0.952193	-1.05021	0.463674	1.10836	1.10836		0.8289379	0.909003	-1.10007	0.156724	1.23236	1.23236	0.571441	1.08995	1.08995	0.394207	0.886612	-1.12789	0.646727	0.194868	0.267834								
cg01440660	OPCML		0.735584	0.308314	1.58901	1.58901	0.052	0.959782	-1.0419	0.936416	1.03556	1.03556	0.543767	1.30982	1.30982	0.714526	0.803097	-1.17509		0.1406661	0.498555	-2.0058	0.849244	1.06311	1.06311	0.925948	1.04167	1.04167	0.38523	0.676399	-1.47842	0.646726	1.9757	2.71549								
cg27623562	NAP1L4		0.735585	0.218991	1.56682	1.56682	0.734655	1.12543	1.12543	0.864593	0.942437	-1.06108	0.784264	1.10001	1.10001	0.603258	0.856728	-1.16723		0.285102	1.47058	1.47058	0.197775	1.09077	1.09077	0.55964	0.81472	-1.22742	0.704159	1.60083	1.60083	0.646725	0.619719	1.23581	1.69857								
cg19009038	GPBP1;GPBP1		0.735587	0.409307	0.763237	-1.31021	0.763991	1.02039	1.02039	0.963592	0.985499	-1.01471	0.745078	0.990585	1.11004	0.984821	1.00611	1.00611		0.273577	0.69447	-1.43995	0.55368	1.21133	1.21133	0.161268	1.61407	1.61407	0.728868	1.11773	1.11773	0.646713	1.04887	1.44164								
cg17594860	AKR7A3		0.735597	0.731904	0.630641	-1.58569	0.345238	0.271656	-3.68113	0.469203	0.372631	-2.68362	0.761033	0.664369	-1.50519	0.965647	0.943898	-1.05944		0.314914	0.248296	-4.02745	0.402473	0.317068	-3.1539	0.122124	0.105804	-9.45141	0.247038	0.197378	-5.06642	0.646702	18.4071	25.3005								
cg02481619	NMNAT1;L2IC		0.735607	0.633706	0.829496	-1.20559	0.68105	0.485154	-2.06046	0.576007	0.725507	-1.37864	0.375077	0.82548	-1.21104	0.398294	1.40041	1.40041	0.620803	0.823529	-1.21429		0.148894	0.54727	-1.82725	0.521465	0.773439	-1.29293	0.972368	0.986602	-1.01358	0.690762	0.85856	-1.16474	0.646688	1.55307	2.13473								
cg08325021	CERCAM		0.735633	0.352022	0.721777	-1.38547	0.610554	1.19106	1.19106	0.748702	0.896358	-1.11563	0.208678	0.636879	-1.57016	0.327744	0.887629	-1.12634		0.714111	0.882273	-1.13344	0.450674	1.29066	1.29066	0.716607	1.13213	1.13213	0.349688	1.38379	1.38379	0.646651	1.18686	1.63146								
cg03169018	NEFM;NEFM		0.735652	0.506325	0.886372	-1.12819	0.731509	1.06355	1.06355	0.437434	1.15223	1.15223	0.310825	1.20633	1.20633	0.50982	0.887275	-1.12705		0.31807	0.831433	-1.20274	0.485325	0.88088	-1.13523	0.445367	1.14931	1.14931	0.969944	0.993283	-1.00676	0.646624	0.327704	0.450482								
cg00187657	PAK3;PAK3;PAK3;PAK3		0.735664	0.273289	0.315008	-3.17453	0.313132	0.29222	-3.42415	0.560272	0.58797	-1.58797	0.470127	0.82807	-1.20807	0.991726	1.00971	1.00971		0.3845165	0.404913	-2.46966	0.384491	0.874697	-1.14325	0.976052	0.993732	-1.00641	0.856149	1.20184	1.20184	0.646708	10.5129	14.452								
cg00875007	SNHG9;SNORA78;RPS2		0.735685	0.424803	0.893726	-1.11891	0.467743	1.10722	1.10722	0.200853	1.2047	1.2047	0.628628	1.08949	1.08949	0.501951	0.838373	-1.19253		0.2709835	0.704197	-1.42019	0.284208	0.857002	-1.16686	0.679029	1.09504	1.09504	0.563761	1.08377	1.08377	0.646758	0.194591	0.267516								
cg08279428	PAK6;FAM60A;FAM60A;FAM60A		0.735693	0.52713	0.7652	-1.30653	0.953873	0.960387	-1.04119	0.855955	0.98287	-1.01693	?	?	?	?	?	?		0.2095296	0.889341	-1.12444	0.572	1.74634	1.74634	0.099483	0.479249	1.45382	0.241255	2.46464	1.48007	0.646732	0.144855	0.194662	0.183027								
cg23232740	DTYMK;DTYMK;DTYMK		0.735694	0.753328	0.933768	-1.07093	0.783493	1.0617	1.0617	0.475496	0.854079	-1.17085	0.20508	0.74779	-1.33727	0.729899	0.927429	1.07825		0.5108007	0.865035	-1.15602	0.287058	1.27162	1.27162	0.363488	0.816273	-1.22508	0.710724	1.08435	1.08435	0.646565	0.483854	0.665196								
cg23624271	MED30		0.735707	0.22252	0.752096	-1.32962	0.902004	1.02775	1.02775	0.976078	0.993533	-1.00651	0.651761	1.10624	1.10624	0.714517	1.40355	1.40355		0.549105	0.873961	-1.14422	0.997899	0.999415	-1.00059	0.951312	1.01366	1.01366	0.551446	0.874667	-1.14329	0.646557	0.505746	0.695302								
cg27537918	ZNF21		0.735761	0.930975	1.03644	1.03644	0.942864	1.10259	1.10259	0.162509	0.863756	1.08651	0.943945	1.10207	1.10207	0.843186	1.13128	1.13128		0.9679202	1.01555	-1.01758	0.955906	1.02755	1.02755	0.743368	1.03007	1.03007	0.389807	0.715171	1.39827	0.646556	1.47702	2.03061								
cg27278382	UQCRC1		0.735771	0.887505	0.959977	-1.04169	0.663055	0.881165	-1.13486	0.317486	0.742162	-1.34741	0.130373	0.624105	-1.60229	0.968635	1.01141	1.01141		0.387332	0.774371	-1.29137	0.247392	0.705393	-1.41765	0.391058	0.776003	-1.28865	0.421817	0.789157	-1.26718	0.646544	0.852706	1.17233								
cg02685553	TENM1		0.735774	0.587901	0.85287	-1.17287	0.428848	0.606496	-1.64946	0.650329	0.84309	-1.18609	0.84309	1.84309	0.998158	0.731505	1.30156	1.30156		1.115645	1.115645		0.262128	4.26451	4.26451	0.197858	3.83564	4.40483	0.264623	2.66423	0.877307	0.82802	-1.20624	0.646655	14.4607	19.945								
cg15886632	FKBP2;FKBP2;FKBP2		0.735823	0.370568	1.23035	1.23035	0.484968	0.852154	-1.1735	0.602104	1.12591	1.12591	0.336005	0.870828	0.636879	-1.57016	0.727744	0.887629		0.4578567	0.843295	-1.18582	0.133754	0.96918	-1.03191	0.99819	0.977555	-1.02296	0.645225	0.520463	0.71557											
cg25498327	SLC30A5;SLC30A5;SLC30A5		0.73574	0.697952	0.922802	-1.08366	0.631778	1.10458	1.10458	0.657329	1.09634	1.09634	0.661272	1.09508	1.09508	0.939102	0.984383	-1.01587		0.1406373	0.721462	-1.38607	0.4624	1.16662	1.16662	0.423702	1.18332	1.18332	0.469417	1.16372	1.16372	0.646501	0.43454	0.597458								
cg21460561	EPM2A	P1;MLH1;MLH1;MLH1;MLH1		0.735755	0.554782	1.0955	1.0955	0.25426	0.97522	-1.0553	0.588884	0.884343	-1.13211	0.302077	0.752814	1.075353	0.650272	0.589874	1.11338	1.11338		0.1766558	0.723276	-1.38256	0.316644	0.908082	-1.10134	0.81182	0.907347	-1.10558	0.646481	0.520919	0.716246											
cg02713720	FBLN2;FBLN2;FBLN2		0.73577	0.794905	0.931263	-1.07381	0.632806	1.14064	1.14064	0.21604	0.607984	-1.4327	0.776172	0.925037	-1.08104	0.41001	0.794277	-1.25901		0.325004	0.757434	-1.32026	0.306398	1.33573	1.33573	0.930818	1.02402	1.02402	0.742083	1.09448	1.09448	0.646459	0.761503	1.05202								
cg14829606	???		0.735779	0.080346	0.744253	-1.34332	0.140505	0.824405	-1.21284	0.180525	0.748033	-1.33619	0.085155	0.648313	0.807519	?	0.884237	-1.13095		0.219378	0.28418	-3.51963	0.104844	0.624056	-1.60242	0.364832	1.39167	1.39167	0.705754	1.42408	1.42408	0.646464	12.3362	15.8645								
cg24471459	UBXN8		0.735797	0.747535	1.06454	1.06454	0.109201	1.40249	1.40249	0.288214	1.23803	1.23803	0.783697	1.05473	1.05473	0.824531	1.04394	1.04394		0.219378	1.28418	1.28418	0.888053	0.973093	-1.02765	0.46511	1.15484	1.15484	0.702151	1.07725	1.07725	0.646422	0.383938	0.52795								
cg10981541	FAM57A		0.735809	0.972319	1.00697	1.00697	0.293506	1.2499	1.2499	0.796312	1.05317	1.05317	0.870283	0.957797	-1.03327	0.931138	0.982838	-1.01746		0.25961	0.790143	-1.26559	0.32233	0.815205	-1.22658	0.648666	0.912219	-1.09623	0.330145	1.22296	1.22296	0.646404	0.410691	0.564753								
cg08804136	SEPT9;SEPT9;SEPT9;SEPT9		0.735811	0.964363	1.0377	1.0377	0.942864	1.08258	1.08258	0.612102	1.02284	1.02284	0.757261	1.08326	1.08326	0.728128	1.08465	1.08465		0.8978795	1.03506	-1.03506	0.840919	1.00623	1.00623	0.900544	1.00298	1.00298	0.617582	1.13865	1.13865	0.646402	0.681202	0.936744								
cg00793056	MT1F		0.735814	0.320813	0.757722	-1.31974	0.343007	0.768204	-1.30174	0.962276	0.987288	-1.01287	0.963001	0.987532	-1.01263	0.408717	0.795693	-1.25677		0.116429	0.630396	-1.5863	0.59414	0.864621	-1.15658	0.274553	0.735292	-1.36	0.89636	0.965365	-1.03588	0.646397	0.748905	1.02985								
cg01557260	HTR4;RL2		0.735817	0.712372	1.2323	1.2323	0.2258853	0.170335	0.170335	0.396296	0.74774	0.69774	0.44776	1.60231	1.602311	0.437834	0.61968	-1.61368		0.495352	0.74479	1.52479	0.094467	0.568987	0.748759	0.12428	1.21628	0.832775	1.1375	1.1375	0.646347	0.18007	0.52622	1.1								
	ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L																																							
cg00306466	ZL		0.735851	0.705058	1.08561	1.09561	0.261263	1.47895	1.47895	0.598413	0.8319	-1.19436	0.601233	1.2561	1.2561	0.343082	1.38576	1.38576		0.259667	1.40116	1.40116	0.37619	0.738348	-1.35437	0.784562	1.09585	1.09585	0.95089	0.979654	-1.02077	0.646346	1.14209	1.57066								
cg03916756	BAIAP2;BAIAP2;BAIAP2;BAIAP2		0.735855	0.930908	1.08084	1.08084	0.145485	0.975222	-1.02553	0.858885	0.884343	-1.13095	0.24026	0.749251	1.334	0.402144	0.883636	1.13209	1.13209		0.5594646	1.69746	1.69746	0.0139	1.98352	1.98352	0.515156	0.544913	-1.83013	0.453399	1.98323	1.98323	0.684497	1.4423	3.41346								
cg03480698	PTPN9;2;PTPN9;2;PTPRN2		0.73586	0.983329	0.99254	-1.00752	0.36119	0.714351	-1.39987	0.904629	1.04389	1.04389	0.913594	1.03966	1.03966	0.791525	0.909429	-1.09959		0.795109	0.910935	-1.09775	0.763562	1.02601	1.02601	0.954359	1.02072	1.02072	0.742083	1.09448	1.09448	0.646459	0.761503	1.05202								
cg14244793	MANI1B1		0.735917	0.895912	1.01894	1.01894	0.581853	0.842558	1.11009	0.132459	0.940478	1.09304	0.993404	0.993404	0.993404	0.532796	1.14358	1.14358		0.3130866	0.944615	-1.05859	0.554264	0.831396	-1.2028	0.894543	1.02631	1.02631	0.533386	1.13066	1.13066	0.646455	0.324982	0.450264								
cg00466364	ELAVL3;ELAVL3		0.735899	0.89195	1.15691	1.15691	0.676581	1.56814	1.56814	0.664299	0.626073	-1.59726	?	?	?	?	?	?		?	?	?	?	?	?	0.222171	3.95881	3.95881	0.296009	3.19671	3.19671	0.778265	0.738786	-1.35357	0.5838	0.78955	16.1917								
cg12965095	ARHGAP32		0.735904	0.293643	0.23525	0.23525	0.2525	2.36723	2.36723	0.162623	0.756208	1.3189	0.74648	0.78521	1.27354	0.309206	0.45635	-2.1913		0.786186	1.23469	1.23469	0.463744	0.24634	0.97315	0.975	1.02697	0.881805	1.1049	1.10469	0.646271	5.6878	7.82305								
cg00308046	UBE4A;UBE4A		0.735921	0.433344	1.11818	1.11818	0.895815	0.942838	-1.06063	0.650199	1.02717	1.02717	0.678579	0.790762	1.25461	0.561797	1.30088	1.30088		1.144093	2.02114	2.02114	0.529078	0.751037	-1.331	0.556204	0.765753	1.3059	1.3059	0.481307	1.37845	1.37845	0.646397	0.753094	2.83061								
cg14437072	RHPN1		0.735934	0.919367	1.05458	1.05458	0.907498	1.06291	1.06291	0.873884	0.920009	-1.08695	0.402602	1.56765	1.56765	0.356176	0.607675	-1.64562		0.626562	0.773087	-1.29352	0.39815	0.63505	-1.57468	0.488821	1.44639	1.44639	0.183112	0.476448	-2.09887	0.646228	2.81946	3.87817								
cg01602815	AP3B1		0.735945	0.962363	1.03804	1.03804	0.445485	0.922222	-1.08456	0.402755	0.707405	-1.41363	0.709745	0.712897	1.40402	0.712599	0.707405	-1.41363		0.2612184	0.70747	-1.41363	0.279346	0.705068	-1.41851	0.268481	0.670594	0.670594	0.105043	0.105043	-9.51962	0.646221	0.58678	0.74205								
cg02175030	ACOT13;ACOT13		0.735935	0.797209	1.05831	1.05831	0.217523	0.803866	-1.24399	0.319682	0.841090	-1.18893	0.954521	1.01372	1.01372	0.730933	1.05981	1.05981		0.882179	0.975351	-1.02527	0.195695	1.25895	1.25895	0.929535	1.015	1.015	0.850776	1.0322	1.0322	0.646206	0.289844	0.398095								
cg23515966	ISL2		0.735959	0.712936	0.770178	-1.2984	0.783644	1.21625	1.21625	0.439883	0.764701	1.16405	0.922497	0.955544	1.01775	0.933605	0.949526	-1.05299		0.850994	1.14215	1.14215	0.302282	1.2682641	-1.53806	0.609071	0.694551	1.14219	1.14219	0.645194	0.51069	0.70925	1									
cg16415870	GRM7;GRM7		0.735964	0.474783	1.16565	1.16565	0.363135	1.21787	1.21787	0.183625	1.23405	1.23405	0.983058	1.03696	1.03696	0.436088	1.18241	1.18241		0.9393976	1.01617	1.01617	0.516998	0.870623	-1.1486	0.358955	1.12208	1.12208	0.171803	1.35901	1.35901	0.646187	0.455132	0.626076								
	BAD;GPR137;GPR137;BAD;GPR137;GPR																																							
cg21923077	137		0.735971	0.874082	1.12506	1.12506	0.489764	0.68241	1.68421	0.123265	3.45733	3.45733	0.508095	1.64683	1.64683	0.877431	0.89208	-1.12098		0.761678	7.797716	-1.25358	0.548603	1.56086	1.56086	0.204938	2.70138	2.70138	0.483018	1.69841	1.69841	0.646177	5.6497	7.77179								
cg16591054	SCAF1		0.735988	0.409903	1.42077	1.42077	0.571663	1.26895	1.26895	0.353596	0.671834	-1.48846	0.54595	1.29003	1.29003	0.929731	0.963912	-1.03744		0.441851	0.721223	-1.38653	0.265462	1.6219	1.6219	0.585898	1.25765	1.25765	0.397206	1.43515	1.43515	0.646153	1.77722	2.44486								
cg05800478	TNK2		0.736004	0.362414	0.521121	-1.91894	0.458016	0.592221	-1.68856	0.402755	0.664514	-1.50464	0.707405	1.76861	0.860559	0.884856	-1.13013	0.954007	0.955153	-1.04719	0.958323	0.960401	-1.04123	0.197373	0.923313	-1.08321	0.554623	0.655214	-1.52622	0.646128	4.99771	6.76537								
cg14447764	SGK3;SGK3;SGK3		0.736007	0.320153	0.63134	1.63134	0.829702	1.10807	1.10807	0.761988	1.15571	1.15571	0.941935	1.03531	1.03531	0.655312	0.532636	1.24042	1.24042		0.295453	0.67681	1.67681	0.160778	2.04155	2.04155	0.244254	1.45001	1.45001	0.171333	2.00143	2.00143	0.646126	2.32266	3.19533								
cg13916953	ZBTB22;ZBTB22		0.736011	0.933265	1.02342	1.02342	0.660128	1.13013	1.13013	0.130374	1.57088	1.57088	0.263485	1.38024	1.38024	0.294798	1.35037	1.35037		0.304619	1.34165	1.34165	0.64554	1.1366	1.1366	0.430873	1.2489	1.2489	0.409632	1.26254	1.26254	0.6612	0.782083	1.07594								
cg07878378	RPS2	SCNN1D	SV4;RPS20		0.736013	0.251148	0.39912	-2.50515	0.335014	1.13159	1.13159	0.542472	1.13858	1.13858	0.164727	1.13858	1.13858	0.377112	1.2823	1.2823		0.1406559	0.885159	-1.12997	0.474958	1.12039	1.12039	0.969644	0.989615	-1.01049	0.557019	0.854278	-1.17058	0.646118	0.779276	1.0597								
cg21139032	LANCL1;LANCL1;CPS1;LANCL1		0.736024	0.972476	1.01461	1.01461	0.518664	0.758032	-1.3192	0.81218	0.904751	-1.10528	0.811425	1.10573	1.10573	0.649361	1.21224	1.21224		0.703276	1.7146	1.7146	0.174957	1.83424	1.83424	0.348091	0.666161	-1.50114	0.296393	1.5766	1.5766	0.646103	1.80936	2.48927								
cg16053716	FAM20C		0.736027	0.866582	1.0227	1.0227	0.84	0.85678	-1.16718	0.81218	0.904924	1.10751	0.811425	1.08838	1.08838	0.649361	0.815522	1.0314	1.0314		0.780722	1.35863	1.35863	0.108634	1.88369	1.88369	0.083143	1.30244	1.30244	0.128364	1.58183	1.58183	0.646159	0.708113	0.964419								
cg09918674	TNFAIP8L1;TNFAIP8L1		0.736027	0.735767	1.14027	1.14027	0.280608	1.5444	1.5444	0.331437	1.47454	1.47454	0.584713	1.23847	1.23847	0.266732	1.56587	1.56587		0.873603	0.940166	-1.06364	0.764617	1.12112	1.12112	0.133427	1.87268	1.87268	0.41089	1.38526	1.38526	0.646098	1.53688	2.11441								
cg01574287	KISS1		0.736041	0.450754	0.75817	-1.31897	0.656564	0.85109	-1.17496	0.673507	0.858405	-1.16495	0.527738	1.25923	1.25923	0.12431	0.549049	-1.82133		0.858052	0.937536	-1.06663	0.509401	1.27268	1.27268	0.438676	0.752328	-1.32921	0.546224	0.802507	-1.2461	0.646078	1.32818	1.82733								
cg28280805	ATP7A;ATP7A		0.736045	0.274484	0.388575	-2.57403

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg13919174	SVEP1	0.236753	0.295247	1.24809	0.264409	1.706472	0.0267	-1.0791	0.446463	1.16899	0.146899	1.44868	0.17003	1.170031	0.354404	1.21131	0.12131	1.12131	0.349878	1.21363	0.12363	1.12363	0.34776	1.20155	0.20269	1.13227	0.345077	0.4136271	0.569961	1
cg03935381	TRAPPC9;TRAPPC9	0.736793	0.328652	0.571914	-1.74852	0.173888	0.448535	-2.22948	0.492478	0.679542	-1.47158	0.83766	1.12042	1.120422	0.553922	0.717616	-1.3935		0.539263	0.708588	-1.41126	0.565639	0.724807	-1.37968	0.146415	0.421486	-2.37256	0.96129	0.97346	-1.02726	0.645024	0.13777	4.32407	1
cg09093137	SRPK2	0.7368	0.626327	0.907642	-1.10176	0.763069	0.94204	-1.06153	0.398661	0.843115	-1.18608	0.399165	1.18585	1.18585	0.937299	1.01566	1.01566		0.923581	0.98123	-1.01913	0.362143	0.831119	-1.2032	0.17175	1.33288	1.33288	0.785344	1.0554	1.0554	0.645014	0.398424	0.549065	1
cg24664489	XRN1	0.395293	0.848787	-1.17815	0.576886	0.899395	-1.11197	0.8544	1.0352	1.0352	0.4758326	0.8723379	-1.14629	0.755743	1.06052	1.06052		0.688161	0.926352	-1.0795	0.311523	0.821065	-1.21793	0.350839	1.19819	1.19819	0.318598	1.21422	0.645005	0.362213	0.649917	1
cg00424740	PGR	0.736816	0.595815	0.900169	-1.1109	0.83166	1.04008	1.04008	0.87583	1.0312	1.0312	0.7033186	0.927599	-1.07805	0.729165	0.752056	-1.32969		0.419796	1.15779	1.15779	0.602518	1.10874	1.10874	0.284866	0.803929	-1.24389	0.508915	0.876653	-1.1407	0.644992	0.394283	0.543377	1
cg00188861	LOC100129637	0.736827	0.328181	2.66095	2.66095	0.307113	2.78773	2.78773	0.631811	1.59705	1.59705	0.625554	0.620703	-1.61108	0.572365	1.73883	1.73883		0.696172	1.46307	1.46307	0.173634	4.07057	4.07057	0.391012	2.34495	2.34495	0.618301	0.614234	-1.62804	0.644977	0.605244	13.2378	1
cg14028652	IMPDH1;IMPDH1;IMPDH1;IMPDH1	0.736844	0.742969	0.863908	-1.15753	0.907458	1.05306	1.05306	0.56122	1.29846	1.29846	0.0896777	2.29732	2.29732	0.725719	1.16951	1.16951		0.833162	1.09831	1.09831	0.544521	1.31346	1.31346	0.54684	1.31135	1.31135	0.231211	1.7477	1.7477	0.644952	2.01876	2.78231	1
cg08276497	HMCN1	0.736942	0.292592	0.838415	-1.19273	0.920586	1.01623	1.01623	0.4671	0.887436	-1.12687	0.892051	0.978322	-1.02216	0.200747	1.24374	1.24374		0.771303	0.954045	-1.04817	0.242954	0.938534	-1.19256	0.984233	0.990993	-1.00545	0.684761	1.0681	1.0681	0.644941	0.266122	0.366782	1
cg09022626	SLC8A1	0.736954	0.966442	0.987041	-1.01077	0.494796	0.811447	-1.23237	0.941861	1.0284	1.0284	0.9888843	1.02804	-1.01484	0.581489	1.14621	1.14621		0.709521	1.09605	1.09605	0.104409	0.6472	-1.54512	0.777525	1.07189	1.07189	0.792684	1.06669	1.06669	0.644939	0.613695	0.845827	1
cg06721096	PTPRN2;PTPRN;2:PTPRN2	0.736869	0.122809	0.754464	-1.32544	0.320378	0.841118	-1.18889	0.81172	1.04058	1.04058	0.820336	1.03908	1.03908	0.301999	0.835108	-1.19745		0.503223	0.891827	-1.12129	0.942861	1.01215	1.01215	0.775484	1.04937	1.04937	0.976507	0.99505	-1.00497	0.646916	0.290052	0.33978	1
cg12449040	NR1H3;ACP2;ACP2	0.736881	0.897632	1.08486	1.08486	0.920979	1.08577	1.08577	0.644841	1.08586	1.08586	0.6379	1.63379	-1.63379	0.660407	0.981847	-1.01849	0.672313	0.548287	0.798259	1.25237	0.403583	0.729493	1.14082	1.14082	0.644901	1.130093	1.391717	1
cg09418448	CORO7	0.736887	0.657318	1.23584	1.23584	0.369405	0.645843	-1.54836	0.971952	1.01681	1.01681	0.604736	0.780637	-1.281	0.974872	1.01505	1.01505		0.652596	1.23975	1.23975	0.881275	0.400688	-2.4957	0.784033	0.877837	-1.13916	0.940561	0.96525	-1.036	0.644889	2.2974	3.16664	1
cg15935174	GLB1L2	0.736896	0.46493	1.13021	1.13021	0.179944	1.77706	1.27706	0.615662	0.916961	-1.09056	0.653164	0.88059	1.08059	0.710728	0.934529	1.07029	1.07029	0.104626	1.04626	1.04626	0.345397	1.21565	1.21565	0.358158	1.17588	1.17588	0.644879	0.309225	0.413893	1
cg04012266	POE3A	0.736904	0.558778	1.20912	1.20912	0.319997	1.39102	1.39102	0.746379	1.10885	1.10885	0.468727	1.31177	1.31177	0.52272	1.23128	1.23128		0.509748	1.8067	1.8067	-1.23958	0.365267	0.741728	1.3482	1.3482	0.357125	0.737736	-1.3555	0.785794	0.916226	-1.01943	0.644868	1.0535	1.45214	1
cg13804838	FASN	0.736931	0.899516	1.05209	1.05209	0.108486	2.0214	2.0214	0.631645	1.38074	1.38074	0.463061	1.3338	1.3338	0.83064	1.08992	1.08992		0.51683	0.767821	1.30239	0.451048	0.733416	-1.36163	0.910375	0.955745	-1.0463	0.74785	0.878398	-1.13844	0.64883	1.650219	2.27477	1
cg15512663	ANXA6;ANXA6	0.736936	0.186463	1.07657	-1.15096	0.831479	1.04518	1.04518	0.441727	1.74762	1.74762	0.625792	0.903118	1.107238	0.215567	0.771857	-1.29558		0.405423	0.882203	-1.13303	0.86081	0.964264	-1.03706	0.700488	1.08344	1.08344	0.724615	0.929284	-1.0761	0.64822	0.439059	0.605244	1
cg19013489	DYNLL2	0.736937	0.929068	1.02717	1.02717	0.859193	1.04048	1.04048	0.771539	0.916071	-1.09162	0.312141	1.37	1.37	0.0905834	0.570401	-1.75315		0.752198	0.909035	-1.10007	0.777267	1.08914	1.08914	0.712565	0.894569	-1.11786	0.991341	1.00327	0.648021	0.925812	1.27624	1
cg02650277	RPAP2;GLMN	0.736942	0.520757	1.55073	1.55073	0.634049	1.51651	1.38551	0.434862	1.70906	1.70906	0.767094	1.22366	1.22366	0.622983	1.40063	1.40063		0.393522	1.81171	1.81171	0.006892	1.99655	1.99655	0.998238	0.84859	-1.17842	0.862211	1.12635	1.12635	0.644815	4.72121	6.50826	1
cg07063912	LRRFIP1	0.736946	0.315889	0.6577918	-1.52045	0.913149	0.968222	-1.03282	0.372854	0.709714	-1.40992	0.889884	0.952259	-1.04976	0.527328	0.724778	1.17288		0.933675	0.969285	-1.03169	0.974912	0.911279	-1.09756	0.522563	-1.90999	0.262964	0.645689	-1.54873	0.588768	0.814993	-1.227	0.644809	0.14962	1.197767	1
cg03667081	CRHR2	0.736947	0.757818	1.14187	1.14187	0.938833	0.967616	-1.03347	0.752983	0.873347	-1.14502	0.588443	0.791098	-1.26407	0.245027	1.68473	1.68473		0.752313	1.14546	1.14546	0.104374	2.14149	2.14149	0.599299	1.25535	1.25535	0.872359	1.0714	1.0714	0.644807	1.87898	2.59024	1
cg00730004	HHCN1	0.736949	0.658271	1.11521	1.11521	0.916889	1.0259	1.0259	0.610551	1.54197	1.54197	0.592578	0.878564	-1.14147	0.701943	1.08977	1.08977		0.789415	1.06777	1.06777	0.357771	0.799209	1.2607	0.891926	0.967248	-1.03186	0.553874	1.15799	1.15799	0.644805	0.612813	0.844788	1
cg10931884	KCNIP1;KCNIP1;KCNIP1	0.736951	0.833467	1.44152	1.44152	0.925233	1.177007	1.17707	0.850582	1.0269	1.0269	0.751651	1.01681	1.01681	0.604736	0.780637	-1.281	0.974872	0.101505	0.101505		0.652596	1.23975	1.23975	0.881275	0.400688	-2.4957	0.784033	0.877837	-1.13916	0.940561	0.96525	-1.036	0.644889	2.2974	3.16664	1
cg21579912	NPR3	0.736957	0.646044	1.13003	1.13003	0.709312	0.81182	-1.23218	0.652662	0.663469	0.6075	1.64507	0.775557	-1.28751	0.738258	0.799832	-1.2503		0.373183	1.17047	1.17047	0.78731	0.954689	-1.04746	0.945397	1.21565	1.21565	0.358158	1.17588	1.17588	0.644879	0.309225	0.413893	1
cg04710686	CCDC27	0.736968	0.230004	0.552713	-1.80926	0.964289	1.0213	1.0213	0.186445	0.517168	-1.93361	0.879656	1.07393	1.07393	0.437924	0.689003	1.45137		0.953424	0.972876	-1.02788	0.7661	0.868969	-1.15079	0.218492	0.543705	-1.83923	0.37916	0.65393	-1.52922	0.644778	2.26336	3.12026	1
cg18733794	LOC150185	0.736975	0.565186	1.22222	1.22223	0.513392	1.24661	1.24661	0.611941	0.838136	-1.19312	0.388291	1.35687	1.35687	0.347132	1.39673	1.39673		0.7915	1.06777	1.06777	0.357771	0.799209	1.2607	0.891926	0.967248	-1.03186	0.553874	1.15799	1.15799	0.644805	0.612813	0.844788	1
cg07111501	ERN1	0.736978	0.979886	1.00244	1.00244	0.953175	1.04998	1.04998	0.882888	1.02911	1.02911	0.914015	0.995259	-1.00474	0.744763	1.14683	1.14683		0.776939	0.748475	-1.33605	0.124945	0.455377	-2.19611	0.414035	0.645253	-1.54925	0.418479	0.76994	-1.29899	0.644867	0.260029	0.25027	1
cg07227350	GPR63;GPR63	0.736979	0.550677	1.35937	1.35937	0.56564	1.35312	1.35312	0.511578	0.712805	-1.4029	0.623913	0.777791	-1.28569	7	7	7		0.246633	1.85166	1.85166	0.641941	1.26887	1.26887	0.501837	1.41429	1.41429	0.24795	1.8482	1.8482	0.628425	2.28774	3.64043	1
cg18262830	MIR192	0.736981	0.323751	0.515347	-1.94044	0.360807	0.564584	-1.77054	0.655834	1.02054	0.653634	1.33633	1.33633	0.842253	-1.15707	0.216247	0.428969	2.33117	0.598944	0.708301	-1.41121	0.345466	0.748403	0.74214	-1.34746	0.644476	4.31971	5.9553	1
cg18785691	AFF1;AFF1	0.736984	0.38442	1.54304	0.754025	0.985191	-1.01503	0.737432	0.117781	1.17781	1.17781	7	7	7	2.96936	0.869469	1.08328	1.08328	0.588744	0.76683	1.30407	0.193179	0.511838	-1.95374	0.336838	0.617778	-1.6187	0.644902	1.2494	0.628417	2.09282	3.33031	1
cg14289985	ZNF471	0.736987	0.667888	1.28407	1.28407	0.728597	1.22359	1.22359	0.544947	1.42605	1.42605	0.162995	2.36936	2.36936	0.186608	2.25017	2.25017		0.251854	2.00056	2.00056	0.802527	0.864891	-1.15622	0.503248	1.48218	1.48218	0.470457	1.53008	1.53008	0.644751	3.42657	4.72405	1
cg03592269	RASSF7;C11orf35;RASSF7;RASSF7	0.736991	0.535067	1.43226	1.43226	0.577306	1.29297	1.29297	0.620975	1.0259	1.0259	0.10561	1.54197	1.54197	0.592578	0.809064	-1.14147	0.701943	0.89077	0.89077		0.789415	1.06777	1.06777	0.357771	0.799209	1.2607	0.891926	0.967248	-1.03186	0.553874	1.15799	1.15799	0.644805	0.612813	0.844788	1
cg13672462	RBM9;RBM9	0.736997	0.473941	0.702426	-1.42364	0.595431	0.771117	-1.29682	0.843857	1.00037	1.00037	0.118774	0.439888	-2.27331	0.711837	0.835312	-1.19716		0.946863	0.968191	-1.03285	0.755207	1.1638	1.1638	0.320379	0.607758	-1.64539	0.271851	0.574213	-1.74151	0.644702	0.241097	0.33156	1
cg23030414	SLFN5	0.737009	0.325275	1.70463	1.70463	0.379312	0.818182	-1.22238	0.353116	1.30401	1.30401	0.866099	0.943648	-1.06001	0.239413	1.3948	1.3948		0.188706	1.42489	1.42489	0.149955	0.839636	-1.19099	0.777867	0.933484	-1.07125	0.788218	1.06752	1.06752	0.644877	0.833857	1.05467	1
cg17503596	ZC3H11A	0.737015	0.866848	0.943233	-1.06018	0.472917	0.775503	-1.28949	7	7	7	0.952585	0.979505	-1.02092	0.704232	1.14205	1.14205		0.559915	1.2279	1.2279	0.36722	1.3807	1.3807	0.527723	1.2496	1.2496	0.189926	0.616616	-1.62176	0.628374	1.07298	1.70754	1
cg07639900	KLF6;KLF6;KLF6;KLF6	0.737016	0.982306	0.991423	-1.00865	0.827636	1.08839	1.08839	0.275914	0.643885	-1.55307	0.7196	1.1503	1.1503	0.379463	0.704541	-1.41936		0.761909	1.12528	1.12528	0.76601	1.12291	1.12291	0.231937	1.62737	1.62737	0.336718	1.40922	1.40922	0.64771	1.54051	2.12397	1
cg03220751	USP30	0.737024	0.880489	1.09203	1.09203	0.842577	1.1458	1.1458	0.746534	1.14483	1.14483	0.774949	0.887268	-1.12925	0.514131	1.27682	1.27682		0.720094	1.17488	1.17488	0.561763	1.3626	1.3626	0.375112	0.884257	-1.13054	0.829269	1.17602	1.17602	0.644825	0.446699	0.617768	1
cg19942560	NDUFC1	0.737029	0.876097	0.967998	-1.03306	0.93222	0.982424	-1.01789	0.532188	0.876492	-1.14091	0.599312	1.11685	1.11685	0.288295	0.794605	1.25834		0.775928	0.942249	-1.06129	0.12649	1.4114	1.4114	0.951692	1.01271	1.01271	0.681427	0.917554	-1.08985	0.644692	0.443673	0.617728	1
cg07403173	TMEM119	0.737033	0.726224	0.87149	-1.14723	0.760264	1.02983	1.02983	0.387128	1.72898	1.72898	0.592873	1.0642236	-1.05822	0.224477	1.46333	1.46333		0.729355	1.25421	1.25421	0.745844	1.12535	1.12535	0.499778	1.05003	1.05003	0.664488	1.05003	1.05003	0.644888	0.8548	1.13725	1
cg26546685	LOC25880;H2AFZ	0.737039	0.984133	1.00484	1.00484	0.951115	1.01499	1.01499	0.134933	1.47863	1.47863	0.804221	1.06213	1.06213	0.981162	0.994286	1.00575		0.558249	1.86616	-1.15452	0.261814	0.752797	-1.33238	0.75347	1.07946	1.07946	0.486442	1.18723	1.18723	0.644679	0.601357	0.829157	1
cg15768020	ITGB8	0.737049	0.391461	0.887865	-1.1263	0.414396	0.893135	-1.11955	0.69434	1.05496	1.05496	0.408859	1.12123	1.12123	0.357617	0.879722	-1.13672		0.492425	0.909883	-1.09904	0.627805	1.06842	1.06842	0.825488	0.97053	-1.03036	0.345699	1.14059	1.14059	0.644664	0.187345	0.258318	1
cg27609554	SYN3	0.737052	0.976551	1.00919	-1.00919	0.92429	1.0583	1.0583	0.387128	1.72898	1.72898	0.592873	1.15013	1.15013	0.793843	1.08429	1.08429		0.350742	1.24195	1.24195	0.743195	1.12535	1.12535	0.499778	1.05003	1.05003	0.664488	1.05003	1.05003	0.644888	0.8548	1.13725	1
cg03781098	GDF3;GDF3	0.737076	0.248737	0.370224	-2.70107	0.409622	0.499081	-2.00368	0.43644	0.519803	-1.92381	0.288805	0.40353	-2.47813	0.408725	0.302958	1.30016		0.523478	0.652448	0.609173	-1.64103	0.161504	0.2984	-3.3512	0.407875	0.498425	-2.00632	0.389425	0.48341	-2.06846	0.63448	0.9521	1
cg08485186	PPI4671;GPC1	0.737085	0.655207	1.14388	1.14388	0.572107	1.09728	1.09728	0.184444	0.812788	-1.23097	0.194656	0.727217	-1.37519	0.342587	1.36256	1.36256		0.776703	0.757526	1.32033	0.182263	0.556204	0.154632	0.882786	0.70645	-1.41557	0.180893	0.515443	0.774284	-1.29137	0.644867	0.260029	0.25027	1
cg16565063	CBX8	0.737098	0.684745	1.10968	1.10968	0.6438	1.12606	1.12606	0.855339	0.954534	-1.04763	0.408385	1.24062	1.24062	0.993362	0.997881	-1.00212		0.492425	0.909883	-1.09904	0.627805	1.06842	1.06842	0.825488	0.97053	-1.03036	0.345699	1.14059	1.14059	0.644664	0.187345	0.258318	1
cg00193185	FGFR3;FGFR3;FGFR3	0.737102	0.859788	1.0599	1.0599	0.843871	1.30289	1.30289	0.153834	1.74554	1.74554	0.580387	1.20131	1.20131	0.464109	1.25969	1.25969		0.519784	0.713402	-1.40173	0.368969	0.75424	-1.32604	0.754639	1.10429	1.10429	0.318049	1.1562	1.1562	0.644953	0.106039	0.145859	1.151052	1.51899	1
cg04049314	CLC1	0.737115	0.64332	0.897392	-1.11434	0.827287	0.812366	-1.23097	0.19456	0.72717	-1.37519	0.302507	0.780377	-1.28143	0.821288	1.2176	1.2176		0.357646	0.802819	-1.24561	0.407131	0.821288	1.2176	0.704349	1.09254	1.09254	0.856552	1.0429	1.0429	0.644586	0.306269	0.758826	1
cg22045679	C19orf33;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.737125	0.698144	0.909505	-1.0995	0.791957	1.06646	1.06646	0.967693	1.00991	1.00991	0.715389	0.914727	-1.09322	0.803672	1.0625	1.0625		0.839901	0.95196	-1.05046	0.875956	1.03875	1.03875	0.0885857	1.57971	1.57971	0.26989	1.32264	1.32264	0.644585	0.604758	0.833966	1
cg26266431	PTPRN2;PTPRN;2:PTPRN2	0.737115	0.73362	1.14453	1.14453	0.782247	0.896283	-1.11572	0.546523	1.27363	1.27343	0.454984	1.35087	1.35087	0.578255	0.800959	-1.2485		0.385663	0.703645	-1.42117	0.63433	0.82748	-1.20849	0.511059	0.768404	-1.3014	0.184499	1.74417	1.74417	0.645721	1.59447	2.19883	1
cg17185495	CPVL;CPVL	0.737152	0.907472	0.924107	-1.05803	0.622207	0.92398	1.02298	0.142009	1.25081	1.25081	0.792407	1.26582	1.26582	0.342092	1.14966	1.14966		0.771812	1.12349	1.12349	0.995014	0.956132	1.04654	0.963824	1.00016	1.00016	0.901061	1.00054	1.00054	0.645249	5.2763	7.22648	1
cg26973193	RBP3	0.737154	0.890821	0.913815	-1.09447	0.668213	0.753558	-1.32704	0.754354	0.453126	-2.21161	0.674069	1.61248	1.61248	0.799904	0.846475	1.18137		0.709253	1.27863	1.27863	0.340565	0.552124	-1.81006	0.797184	0.780041	-1.28736	0.117646	0.327864	-3.05004	0.644545	4.39603	6.06255	1
cg26780404	COL12A1;COL12A1	0.737143	0.876685	0.972038	-1.0287	0.700511	0.930901	-1.07423	0.313014	0.824202	-1.2136	0.349557	1.19531	1.19531	0.511457	1.13131	1.13131		0.482805	1.14127	1.14127	0.900597	1.02342	1.02342	0.49031	1.13862	1.13862	0.212637	1.27532	1.27532	0.645333	0.350384	0.483221	1
cg17294725	UNC5	0.737144	0.932655	1.03013	1.03013	0.902271	1.16357	1.16357	0.441854	1.53631	1.53631	0.4557	1.83937	1.83937	0.322004	1.49094	1.49094		0.415603	1.55533	1.55533	0.24994	1.58242	1.58242	0.43772	1.52228	1.52228	0.645312	0.87637	0.87637	0.96087	1
cg20996918	CLK2	0.737215	0.497879	0.889307	-1.12447	0.524626	0.895912	-1.11618	0.903369	1.02092	1.02092	0.823015	1.03893	1.03893	0.515317	1.11903	1.11903		0.600132	0.913772	-1.09437	0.106358	0.740364	-1.35069	0.389752	0.860494	-1.16212	0.947041	1.01139	1.01139	0.644523	0.296657	0.409132	1
cg22135468	TRMT2A;TRMT2A;RANBP1	0.737256	0.351286	0.27495	-3.63703	0.468195	0.370298	-2.70053	0.50336	0.480882	-2.4945	7	7	7	7	7	7		0.521653	2.39695	2.39695	0.01885	2.79496	2.79496	0.047202	1.97081	1.97081	0.180053	1.36006	1.36006	0.607871	13.565	25.5035	1
cg20396526	HYOU1;HYOU1	0.737257	7	7	7	0.469065	0.658244	-1.51919	0.869004	0.910551	-1.09824	0.496683	1.47963	1.47963	0.483596	0.667529	1.49806		0.930685	0.95181	-1.05063	0.194823	0.708429	1.28179	0.402858	0.615077	-1.62581	0.547957	0.708109	1.41028	0.628172	2.85018	4.53726	1
cg16636040	EIF5AL1	0.737262	0.954237	0.984443	-1.0158	0.1159	0.626952	-1.59502	0.354206	0.770729	-1.29747	0.699138	1.11194	1.11194	0.667652	0.888681	-1.12526		0.880738	1.04187	1.04187	0.379583	1.27925	1.27925	0.860507	1.04923	1.04923	0.999438	0.999808	-1.00019	0.644507	0.761959	1.05088	1
cg20680148	HEXIM2	0.737272	0.817393	1.04134	1.04134	0.767886	1.03205	1.03205	0.152774	1.3076	1.3076	0.535506	1.16161	1.16161	0.777307	1.09138	1.09138		0.515315	1.12248	1.12248	0.708413	1.16801	1.16801	0.277954	0.820707	-1.21846	0.723212	0.93962	-1.06426	0.644492	0.313083	0.431807	1
cg09363194	BOH1;BOH1;BOH1	0.737283	0.904661	0.955129	-1.04698	0.909544	0.95739	-1.04451	0.689442	0.857356	-1.16638	0.192027	1.69743	1.69743	0.754571	0.797293	-1.25424		0.159059	1.78008	1.78008	0.080532	0.853317	-1.1719	0.959384	1.0197	1.0197	0.781878	0.899119	-1.1122	0.644474	2.38344	3.20658	1
cg18796287	LOC389333	0.737283	0.541328	1.43144	1.43144	0.554331	0.828081	-1.20749	0.866724	0.94276	-1.06076	0.674993	1.44276	1.44276	0.847639	0.931455	-1.07367		0.396074	0.694104	-1.44055	0.623172	0.764674	-1.30793	0.735293	1.1249	1.1249	0.099824	1.36	1.36	0.709225	1.06639	1.06639	0.644715	0.125	0.125	0.644863	0.0625	0.0625	1
cg03238687	ZNF487	0.737285	0.522851	0.862887	-1.1589	0.642688	1.11226	1.11226	0.381804	0.815247	-1.22662	0.39246	0.819135	-1.2208	0.799317	0.943637	-1.05973		0.337422	1.25259	1.25259	0.252131	0.761529	-1.31315	0.824766	1.0518	1.0518	0.576415	1.13715	1.13715	0.644472	0.529328	0.730076	1
cg01545222	COQ5	0.737372	0.982042	1.01178	1.01178	0.751872	1.17951	1.17951	0.124012	2.37966	2.37966	0.866998	0.916453	-1.09116	0.827687	0.892734	-1.12015		0.660777	0.794648	-1.25842	0.370346	0.619151	-1.61418	0.673185	1.24709	1.24709	0.362174	1.62826	1.62826	0.644453	2.76527	3.81411	1
cg06574296	CSPNL;SCLY	0.737383	0.565266	0.788358	-1.26823	0.622471	2.21604	2.21604	0.647957	1.32009	1.32009	0.797846	0.816343	-1.22497	0.213114	1.32098	1.32098		0.835868	0.882225	-1.1335	0.873327	1.10118	1.10118	0.462824	0.849966	-1.53854	0.173146	0.41661	-2.40034	0.644497	1.73425	5.13714	1
cg21051815	HCCA2	0.737259	0.79355	0.819153	-1.22077	0.695165	1.34923	1.34923	0.657998	1.40034	1.40034	0.858795	1.14505	1.14505	0.30205	0.443431	-2.25514		0.437352	0.547386	-1.82686	0.508653	0.600511	-1.66525	0.132773	0.291223	-3.43379	0.733274	1.29714	1.29714	0.64437	5.90384	8.14417	1
cg21457106	ANKRD52;ANKRD50	0.737283	0.407064	1.45747	1.45747	0.579707

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1-vs-1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1-vs-1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg01022985	A2U,A2U,A2U	0.73803	0.882717	1.14155	1.14155	1.764293	1.30954	1.30954	0.865664	0.859126	-1.16397	0.981069	0.978947	-1.02151	0.379291	2.24537	2.24537	?	?	1.38303	0.448332	-2.23049	0.155393	1.90937	0.90937	0.466697	1.94299	0.626929	7.09807	11.322	1
cg00125757	ZKSCAN5,ZKSCAN5	0.73808	0.327453	1.27303	1.27303	4.965597	1.1792	1.1792	0.218594	0.734178	-1.36207	0.518779	1.16906	1.16906	0.582578	1.14174	1.14174	0.893106	0.968405	-1.03263	0.93904	1.01843	1.01843	0.953552	0.986186	-1.01401	0.264452	1.32016	1.32016	0.643278	0.580968	0.802789	1
cg09530594	DNM2,DNM2,DNM2;DNM2;DNM2	0.73804	0.480165	0.655353	-1.52589	0.292359	1.90259	1.90259	0.357282	1.74617	1.74617	0.893625	1.08196	1.08196	0.303838	0.534176	-1.87204	0.480816	0.660462	-1.51409	0.574864	0.716288	-1.39609	0.61518	1.34775	1.34775	0.8001197	1.16104	1.16104	0.643273	3.53185	4.88039	1
cg07999508	MX1,MX1	0.73804	0.938794	1.0378	1.0378	1.32296	1.63772	1.63772	0.376461	1.55046	1.55046	0.891081	1.08844	1.08844	0.520353	1.37004	1.37004	0.964044	0.978454	-1.02202	0.7743783	2.61326	2.61326	0.693155	1.23121	1.23121	0.661611	1.23715	1.23715	0.643265	2.37861	3.28685	1
cg01523160	SMYD2	0.73804	0.641528	0.85719	-1.1666	0.689214	0.876235	-1.14125	0.5237	1.23662	1.23662	0.763525	0.905593	-1.10425	0.704508	0.882301	-1.1334	0.316449	0.711498	-1.40549	0.0900804	0.541201	-1.84774	0.830836	1.07284	1.07284	0.744954	0.898237	1.07284	1.07284	0.643263	1.10043	1.52062	1
cg05666266	FAM155B	0.73805	0.171214	0.172071	-5.81154	0.454348	0.39828	-2.5581	0.621141	0.547827	-1.82539	0.268523	0.02331	0.42331	0.459833	2.48204	2.48204	0.932139	0.902236	-1.10836	0.911103	1.14443	1.14443	0.853856	1.24949	1.24949	0.867796	0.817714	1.22292	0.643259	14.8656	20.542	1
cg21357024	EFR3B,EFR3B	0.73808	0.657686	1.15616	1.15616	0.16253	0.615618	-1.62438	0.828674	1.07306	1.07306	0.767092	0.907883	-1.10146	0.318977	1.39809	1.39809	0.8203	0.928643	-1.07684	0.825922	0.930839	-1.0743	0.485613	1.25928	1.25928	0.403083	1.32102	1.32102	0.643218	1.07849	1.4904	1
cg05420487	SMARCD2,SMARCD2	0.73809	0.220394	1.6151	1.6151	0.907318	1.12973	1.12973	0.534549	1.44817	1.44817	0.914917	1.08569	1.08569	0.828042	0.922533	-1.08397	0.643194	0.840659	-1.1891	0.766582	1.11717	1.11717	0.151815	1.77056	1.77056	0.502583	1.28809	1.28809	0.643198	1.41026	1.94895	1
cg01208649	AK7	0.73811	0.454142	1.1563	1.1563	0.513071	0.883134	-1.13467	0.97019	1.00714	1.00714	0.727045	1.06902	1.06902	0.440161	0.860758	-1.16177	0.856911	0.962008	-1.03497	0.411501	0.852192	-1.17344	0.13656	0.736763	-1.35729	0.682302	1.08154	1.08154	0.643177	0.36954	0.510715	1
cg19703482	TGFB2,TGFB2	0.73811	0.564256	0.864632	-1.15656	0.740445	1.0865	1.0865	0.787318	0.934743	-1.06981	0.330737	0.778449	-1.28461	0.839197	0.950621	-1.05194	0.308971	1.30052	1.30052	0.320677	1.29183	1.29183	0.274831	1.32781	1.32781	0.941451	1.0185	1.0185	0.643171	0.634371	0.876727	1
cg08184640	FLAD1,FLAD1	0.73815	0.170556	0.75306	-1.32779	0.180143	0.29347	-3.40543	0.597715	1.22732	1.22732	0.507025	1.29554	1.29554	0.843435	0.707067	-1.41413	0.355004	1.4419	1.4419	0.388018	1.40433	1.40433	0.797391	1.15367	1.15367	1.13101	1.03408	1.49248	1.49248	0.643158	1.50712	2.08294	1
cg01560891	ATP8B1,ATP8B1,ATP8B2;ATP8B1	0.73813	0.756509	1.19005	1.19005	0.557519	1.39354	1.39354	0.217869	2.06507	2.06507	0.618508	0.755146	-1.33425	0.442212	0.645098	-1.55015	0.557559	0.717623	-1.39349	0.731055	1.21291	1.21291	0.274606	1.88877	1.88877	0.493861	1.47505	1.47505	0.643144	3.18783	4.40589	1
cg01815163	LTS1	0.73815	0.752362	1.08854	1.08854	0.704078	1.10768	1.10768	0.844841	0.946852	-1.05392	0.669044	1.14925	1.14925	0.859442	0.953598	-1.04866	0.254316	1.37577	1.37577	0.085837	1.60217	1.66337	0.997359	0.990113	-1.00089	0.832368	0.945157	-1.06217	0.643142	0.731636	1.03512	1
cg15719025	TRNAU1AP,TRNAU1AP	0.73817	0.758727	0.942924	-1.06053	0.454604	0.864767	-1.15638	0.149792	1.34253	1.34253	0.160289	0.853763	-1.19651	0.742964	0.930157	-1.06479	0.773752	0.946501	-1.05652	0.605427	1.0053691	-1.00452	0.412071	0.852156	-1.17349	0.605294	0.905336	-1.10456	0.643139	0.370654	0.512285	1
cg04212619	SLC6A5,SLC6A5;SLC6A5	0.73819	0.964872	1.01017	1.01017	0.10772	1.49669	1.49669	0.459518	1.17215	1.17215	0.908379	0.973899	-1.0268	0.879778	0.970905	-1.02997	0.506694	1.16739	1.16739	0.438994	1.19882	1.19882	0.300204	1.27971	1.27971	0.701484	0.91532	-1.09251	0.643138	0.537586	0.743004	1
cg22030455	ZNF808 ALK8H2,ALK8H2;ALK8H2;ALK8H2;ALK8	0.73824	0.562043	0.88648	1.02848	0.873973	0.97795	-1.02275	0.384504	0.889476	-1.13446	0.795686	0.950954	-1.0514	0.711328	0.940705	-1.054	0.733924	1.07138	1.07138	0.940705	-1.054	0.733924	1.00074	1.00074	0.127441	0.791985	-1.26265	0.643129	0.203912	0.281834	1
cg24431432	H2	0.73816	0.42599	1.35656	1.35656	0.506893	1.28738	1.28738	0.525217	1.27519	1.27519	0.621341	0.82962	-1.20537	0.284607	0.659032	-1.51738	0.943922	0.973954	-1.02674	0.2358511	0.627462	-1.59372	0.507689	0.777148	-1.38676	0.997542	1.00116	1.00116	0.643105	1.43345	1.98129	1
cg13362538	MANSC1	0.73816	0.823732	1.11749	1.11749	0.354949	1.60612	1.60612	0.688295	1.22238	1.22238	0.770241	1.15699	1.15699	0.182825	0.494672	-1.02154	0.556102	0.743456	-1.34507	0.840921	0.904778	-1.10524	0.72682	0.839759	-1.19082	0.294446	1.71847	1.71847	0.643094	2.52515	3.49028	1
cg03574414	CHRNA2	0.73819	0.245079	0.64114	-1.55972	0.492309	1.29039	1.29039	0.172751	0.588332	-1.66972	0.507972	0.782292	-1.2783	0.628903	0.836919	-1.19486	0.719026	1.14119	1.14119	0.82255	0.921163	-1.08558	0.523402	0.789446	-1.26671	0.438121	0.748908	-1.33528	0.643057	1.36119	1.88155	1
cg23689021	PABPC1L	0.73824	0.331301	1.582565	-1.71655	0.193622	2.10288	2.10288	0.263121	1.87549	1.87549	0.73573	2.20034	2.20034	0.902398	0.936007	-1.06837	0.85559	0.906468	-1.10318	0.735797	1.20033	1.20033	0.97016	1.02037	1.02037	0.513426	0.699598	-1.42959	0.643044	2.99524	4.0906	1
cg13166781	CCM2,CCM2;CCM2;CCM2;CCM2	0.73822	0.869144	0.935175	-1.06932	0.385499	1.43569	1.43569	0.239942	1.64899	1.64899	0.160523	1.83927	1.83927	0.511753	0.762997	-1.31062	0.813421	0.908368	-1.10088	0.963669	0.981655	-1.01869	0.688717	1.17785	1.17785	0.574842	1.25907	1.25907	0.643041	1.6827	2.32614	1
cg11581362	EPS15,EPS15	0.73825	0.616423	1.08564	1.08564	0.79077	1.16146	1.16146	0.324507	1.53107	1.53107	0.744736	1.52417	1.52417	0.72038	0.745208	0.607605	-1.49789	?	?	?	0.335929	0.290933	-3.43722	0.548456	0.407065	2.1242	0.574743	0.919191	1.08457	1
cg25604067	ST3GAL4	0.73825	0.565454	0.854049	-1.17089	0.099138	0.612085	-1.63376	0.347699	0.768092	-1.30023	0.858545	0.952713	-1.04963	0.822104	0.940683	-1.06306	0.372471	0.779872	-1.28226	0.706551	1.10816	1.10816	0.371543	0.779475	-1.28291	0.930472	0.976583	-1.02398	0.642973	0.750828	1.038	1
cg15835808	RPL36,RPL36	0.73825	0.232303	1.21231	1.21231	0.569369	0.915409	-1.09241	0.505906	1.10931	1.10931	0.627788	0.936797	-1.06747	0.523618	1.10445	1.10445	0.559218	0.921728	-1.08492	0.586488	1.08808	1.08808	0.197449	1.23313	1.23313	0.94863	1.00995	1.00995	0.642969	0.240559	0.332567	1
cg07776419	MSC161226,MIR503	0.73826	0.184682	0.73872	-1.35351	0.336828	0.6164	0.6164	0.15149	0.6164	0.6164	0.340984	0.34552	0.34552	0.852653	1.19268	-1.19268	0.372964	0.44028	0.99276	0.249628	0.2097	0.2097	-4.76911	0.164251	0.164251	0.354996	0.96246	0.96246	0.642966	0.556046	1.52172	1
cg08881995	C1orf159	0.73826	0.629679	1.53355	1.53355	0.744665	1.33354	1.33354	0.510776	0.555962	-1.79867	0.775383	1.28631	1.28631	0.385495	0.457038	-2.188	0.361989	0.438402	-2.28101	0.186481	3.42986	3.42986	0.927996	0.923538	-1.08279	0.532178	1.74517	1.74517	0.642963	7.88703	10.9037	1
cg08278279	CENPH	0.73826	0.906884	0.849439	-1.01581	0.742705	0.869375	-1.15041	0.667702	1.07276	1.07276	0.731458	1.02327	1.02327	0.882601	0.972705	-1.02805	0.807486	1.03324	1.03324	0.827443	0.820206	-1.21937	0.760825	0.993559	-1.00664	0.974229	0.994559	-1.00564	0.642954	0.182722	0.252621	1
cg01802219	METTL6;EAF1;METTL6	0.73831	0.941015	1.01724	1.01724	0.653176	1.11014	1.11014	0.478251	1.18122	1.18122	0.183505	0.721816	-1.3854	0.685799	0.910323	-1.09851	0.588852	1.881562	-1.13435	0.919969	1.00233	1.00233	0.56644	1.14722	1.14722	0.260338	1.31156	1.31156	0.642894	0.54336	0.751269	1
cg02938429	RHOB	0.73834	0.943165	0.941205	-1.06247	0.670469	1.43918	1.43918	0.660461	0.686582	-1.45649	0.957511	0.955731	-1.04632	0.432074	0.504833	-1.98085	0.530993	1.71667	1.71667	?	?	0.595474	1.57778	1.57778	0.143441	0.258963	-3.86156	0.624969	6.22063	8.70931	1
cg05533000	SCSDL,SCSDL,SCSDL	0.73833	0.806926	1.08896	1.08896	0.82162	1.26362	1.26362	0.418368	1.08508	1.08508	0.194496	1.00507	1.00507	0.401517	0.796443	-1.25577	0.286521	1.73796	1.73796	0.213463	0.70062	-1.42731	0.249113	0.720329	-1.38829	0.517038	1.19591	1.19591	0.642867	0.275203	0.38422	1
cg24634746	CAMTA1	0.73834	0.911974	0.917537	-1.08987	0.215161	0.362266	-2.7604	0.22011	0.366633	-2.72754	0.779364	1.2443	1.2443	0.643935	1.42787	1.42787	0.938154	0.941396	-1.06225	0.647757	1.43045	1.43045	0.653025	0.703153	-1.42216	0.365361	2.07693	2.07693	0.642846	0.16634	0.852646	1
cg22727213	KPCI?,KPCI?	0.73835	0.637023	1.08744	1.08744	0.75097	1.08511	1.08511	0.612926	1.16515	1.16515	0.612694	1.19965	1.19965	0.48053	0.824547	-1.21299	0.643726	0.642726	1.55587	0.642726	1.55587	0.642726	1.55587

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.105T)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1117 vs. 1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5627 vs. N)	Fold-Change(5627 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg16380242	ZCCHC14	0.73941	0.850638	0.93242	-1.07254	0.78007	1.1096	1.1096	0.527295	1.26865	1.26865	0.910888	0.95926	-1.00427	0.632361	0.836049	-1.1961	0.113311	0.527188	-1.89686	0.577907	0.81153	-1.23224	0.702179	1.12046	1.12046	0.288686	-1.50561	0.641353	1.40198	1.94308	1
cg22668892	CITED1;CITED1;CITED1;CITED1	0.73944	0.568635	0.71301	-1.4025	0.185485	2.28026	2.28026	0.482812	0.657874	-1.52005	0.456551	1.56075	1.56075	0.883114	1.09021	1.09021	0.592166	0.727988	1.37565	0.298501	0.531175	-1.88262	0.954811	1.03383	1.03383	0.878676	1.09284	1.09284	0.641331	1.50079	4.85228	1
cg02346970	PDZD2	0.73947	0.599136	0.574205	-1.74154	0.773194	1.35288	1.35288	0.700106	1.49901	1.49901	0.09596	0.76823	0.76823	0.423929	0.425637	-2.34942	0.926863	1.10079	1.10079	0.862693	1.18948	1.18948	0.793753	1.31527	1.31527	0.454313	2.21925	2.21925	0.641287	11.1106	15.4004	1
cg01003168	C1orf230	0.73949	0.840906	1.04591	1.04595	0.479768	1.17414	1.17414	0.675808	1.09858	1.09858	0.540553	0.870666	-1.14855	0.382421	0.818533	-1.2217	0.486488	1.17124	1.17124	0.291423	0.783774	-1.27588	0.307512	0.789672	-1.26635	0.635006	1.11282	1.11282	0.641285	0.507547	0.703515	1
cg09344541	CY85R3	0.73973	0.263528	0.854583	-1.17016	0.332314	0.873857	-1.14435	0.498961	1.09695	1.09695	0.350424	0.878466	-1.13835	0.393248	0.888779	-1.12514	0.224484	0.841958	-1.18771	0.921554	0.986808	-1.01337	0.989888	0.998293	-1.00171	0.906088	0.984215	-1.01604	0.641265	0.184604	0.255889	1
cg00145947	C2orf64	0.73997	0.369057	0.570165	-1.75062	0.384366	0.604716	-1.65367	0.460471	0.654573	-1.52772	0.81043	-1.13763	0.611369	0.315855	0.557193	-1.79471	0.67363	0.787497	-1.26985	0.977155	0.983981	-1.01628	0.219759	2.07037	2.07037	0.897438	0.929855	-1.07544	0.64126	1.23009	4.47742	1
cg07428089	ATP5G3;ATP5G3;ATP5G3	0.73986	0.343895	0.465279	-2.14925	0.251508	2.56028	2.56028	0.440112	1.85492	1.85492	0.502509	1.70581	1.70581	0.481772	1.75258	1.75258	0.61469	1.48931	1.48931	0.228967	2.69319	2.69319	0.705191	1.34752	1.34752	0.533329	1.64067	1.64067	0.641246	6.25413	8.66941	1
cg16774160	HSPA12B	0.73988	0.137799	0.594607	-1.86426	0.658021	1.28068	1.28068	0.241201	0.639914	-1.61313	0.896411	1.05208	1.05208	0.689132	1.16968	1.16968	0.964129	1.01768	1.01768	0.976035	1.01079	1.01079	0.588454	0.808315	-1.23714	0.558654	0.794123	-1.25925	0.641244	1.54278	2.13859	1
cg03118426	KLK10;KLK10;KLK10;KLK10	0.73994	0.214612	0.494872	-4.02072	0.813001	1.1361	1.1361	0.403801	0.629396	1.58882	0.543567	0.718165	-1.39244	0.732502	0.413778	-2.39362	0.478308	0.678312	-1.47425	0.375044	0.612482	-1.6327	0.860875	0.909866	-1.09956	0.967185	0.972385	-1.02314	0.641235	1.94848	4.08168	1
cg05384347	FASN	0.73992	0.467528	0.706894	-1.41464	0.335974	1.59286	1.59286	0.713609	1.18883	1.18883	0.440344	0.691259	-1.44664	0.349926	0.636687	-1.57063	0.219414	0.545533	-1.83307	0.784657	0.879391	-1.13715	0.906846	0.946553	-1.05647	0.435376	0.68837	-1.45271	0.641224	2.236	3.09963	1
cg16512990	FAM170B	0.73995	0.765275	1.11561	1.11561	0.198098	0.910705	1.10087	0.104387	0.816495	0.574707	-1.74002	0.010867	0.990603	1.00427	0.412363	0.75974	0.479825	0.749307	-1.34425	0.585184	1.22314	1.22314	0.746344	1.12933	1.12933	0.383586	1.38611	1.38611	0.641212	1.53623	1.88009	1
cg07012396	HDAC4	0.73953	0.602799	0.737856	-1.35528	0.122773	0.367434	-2.72158	0.748144	1.20508	1.20508	0.785701	1.17095	1.17095	0.36364	0.582399	-1.71704	0.533358	0.693984	-1.44096	0.671608	0.781201	-1.28008	0.581219	0.72426	-1.38072	0.538507	1.4342	1.4342	0.641208	3.40506	4.72033	1
cg07556158	CACNA2D4	0.73955	0.813708	0.896314	-1.11593	0.343084	1.57753	1.57753	0.293764	0.605548	-1.65113	0.638133	0.802423	-1.24623	0.260237	0.538034	-1.85859	0.977197	0.980807	-1.01337	0.974093	0.656802	-1.52238	0.633938	1.02021	1.02021	0.960315	1.02339	1.02339	0.641207	2.19265	3.05962	1
cg14204600	TRMT61A	0.73958	0.820008	1.09345	1.09345	0.545767	1.27081	1.27081	0.384238	1.14866	1.14866	0.453698	0.836469	1.44186	0.588051	0.807048	-1.23908	0.550782	0.789308	-1.26693	0.749085	0.694804	-1.42893	0.285254	1.54506	1.54506	0.553925	1.26452	1.26452	0.641188	1.56032	2.16309	1
cg06060853	C20orf20	0.73942	0.784192	1.15905	1.15905	0.613098	1.31542	1.31542	0.763469	1.17543	1.17543	0.601078	0.753032	-1.32796	0.314942	0.74842	-1.74842	0.284601	0.55011	-1.81782	0.325952	0.579656	-1.72516	0.381055	1.62105	1.62105	0.87189	0.916886	-1.09065	0.641169	2.93562	4.06982	1
cg11401796	C21orf70	0.73948	0.875315	1.12824	1.12824	0.978823	0.97681	-1.02601	0.683367	0.729705	-1.37042	0.361343	0.486176	-1.20687	0.267713	0.41315	-2.43122	0.650583	1.4099	1.4099	0.215405	0.367154	-2.72365	0.624799	0.684717	-1.46046	0.190547	1.96611	1.96611	0.641159	5.9959	8.31258	1
cg13152952	ANK1;ANK1;ANK1;ANK1;ANK1	0.73952	0.606051	0.796198	-1.25597	0.724618	0.856461	-1.1676	0.318274	1.5713	1.5713	0.965768	1.01898	1.01898	0.599335	0.792742	-1.26144	0.320758	0.637986	-1.56743	0.163698	0.521448	-1.91774	0.777819	0.883443	-1.13194	0.428278	0.70167	-1.42517	0.641154	1.94892	2.70195	1
cg19805062	PHKG1	0.73953	0.887664	1.07069	1.07069	0.81263	0.89586	-1.12158	0.363086	0.636945	-1.56999	0.396616	0.552113	1.52113	0.515095	0.37503	-1.37503	0.804985	0.889797	-1.12393	0.971993	2.011457	2.011457	0.620347	0.785804	-1.27253	0.559855	0.747059	-1.33858	0.641154	2.37102	3.28716	1
cg13373321	C12orf41	0.73963	0.00899095	0.292661	-3.41678	0.191928	0.927349	-1.07834	0.415077	0.76079	0.721025	-1.38563	0.758625	0.715235	0.739074	-1.35305	0.641284	0.873484	0.807426	-1.1143	0.313082	0.492878	-2.0289	0.673635	0.749998	-1.33334	0.761076	0.812923	-1.23013	0.641138	4.68342	6.49321	1
cg17048483	RBM7;C11orf71;C11orf71	0.73958	0.180817	1.26396	1.26396	0.842912	0.967819	-1.03325	0.980392	1.00406	1.00406	0.289967	0.834381	-1.19849	0.321187	1.18408	1.18408	0.732902	1.0581	1.0581	0.944677	0.988624	-1.01151	0.685166	1.06951	1.06951	0.42234	1.14467	1.14467	0.641115	0.275972	0.382628	1
cg12907164	ELFN1	0.73985	0.759976	0.754388	-1.32577	0.540405	0.484981	-2.06202	0.275146	2.84136	2.84136	0.749465	1.93718	1.93718	0.399352	0.440323	-2.2453	0.772756	0.766196	-1.30515	0.454483	0.496207	-2.01529	0.945919	2.42581	2.42581	0.996642	1.00388	1.00388	0.641108	8.59007	11.91	1
cg14185670	SEC11C	0.73988	0.479541	0.740845	-1.34981	0.810293	1.10557	1.10557	0.687607	0.844768	-1.18376	0.608135	1.24089	1.24089	0.174205	1.82804	1.82804	0.910228	1.0482	1.0482	0.223829	0.588653	-1.70459	0.715254	1.16521	1.16521	0.912897	1.04672	1.04672	0.641103	1.76838	2.45186	1
cg20863409	FBP1B;FBP1B	0.73999	0.226081	0.884214	-1.13054	0.344984	1.54584	1.54584	0.47953	0.74953	-1.33412	0.475863	0.744564	1.34354	0.47953	0.681985	-1.46705	0.773824	0.840998	1.18952	0.408885	0.731824	-1.36698	0.568632	1.00613	1.00613	0.988473	1.02034	1.02034	0.472527	0.77533	1.22897	1
cg13356354	LOC93622	0.73962	0.252907	0.530219	-1.88601	0.650086	1.27462	1.27462	0.825179	1.12473	1.12473	0.856915	0.908563	-1.10064	0.26135	1.86329	1.86329	0.323371	0.581622	-1.71933	0.816119	1.13174	1.13174	0.784124	0.864245	-1.15708	0.439356	1.52049	1.52049	0.641059	2.86603	3.97402	1
cg22961098	MED14	0.73923	0.633048	1.80096	1.80096	0.82172	0.758779	-1.11887	0.580569	1.03024	1.03024	?	?	?	?	0.790453	0.680679	0.3436	0.303222	-3.29792	?	?	0.236619	4.55704	4.55704	0.38802	2.95092	2.95092	0.630244	0.00304	11.1359	21.0603	1
cg17533797	C7orf50;C7orf50;C7orf50	0.73967	0.665964	1.11994	1.11994	0.449549	0.29534	-1.34656	0.168188	0.832798	0.232988	0.607883	0.678931	0.678931	0.232988	0.640714	1.56091	0.755056	1.3836	1.3836	0.649714	1.60991	1.60991	0.801342	1.30026	1.30026	0.976778	1.03078	1.03078	0.640989	11.011	15.2404	1
cg04086952	DLGAP4;DLGAP4;DLGAP4	0.73983	0.314992	1.83283	1.83283	0.235836	2.06348	2.06348	0.723913	1.22975	1.22975	0.314122	1.83497	1.83497	0.456776	1.55569	1.55569	0.873015	1.09776	1.09776	0.362219	1.7265	1.7265	0.140193	2.52283	2.52283	0.559449	1.41652	1.41652	0.64097	3.45169	4.78676	1
cg25329193	TMLHE	0.73976	0.379302	0.7	1.4286	0.632684	0.39869	-2.50815	0.875496	1.01301	1.01301	0.489769	0.64633	1.54633	0.455822	0.510818	-1.95849	0.838854	0.907123	-1.10243	0.729388	0.904066	-1.10611	0.907844	1.07068	1.07068	0.558738	1.52237	1.52237	0.64067	5.128	7.15147	1
cg01957712	PARD3B;PARD3B;PARD3B	0.73986	0.783142	0.756963	-1.32107	0.876575	0.84594	-1.16968	0.199936	0.93295	0.732983	0.315385	0.211937	-4.73189	0.997713	0.997111	1.0029	0.673267	1.54323	1.54323	0.610889	1.67894	1.67894	0.813628	1.26914	1.26914	0.771208	1.745071	1.34215	0.640966	10.3398	14.3391	1
cg07675069	CPA5;CPA5;CPA5;CPA5;CPA5;CPA5	0.73969	0.430117	0.586235	-1.7058	0.166027	0.37552	-2.66297	0.816924	0.85747	-1.16622	0.41554	1.73643	1.73643	0.515996	0.646155	-1.54762	0.775409	0.827223	-1.20886	0.42373	0.587112	-1.71906	0.422104	0.580559	-1.72248	0.628709	1.3814	1.3814	0.640961	4.4636	6.19015	1
cg24731245	TSGA13	0.73969	0.21763	1.382801	1.3828	0.45125	0.572525	1.98108	0.124129	0.725473	0.725473	0.170317	1.36138	1.36138	0.377099	0.73548	-1.35982	0.826076	0.8497	-1.17689	0.132484	0.305109	-3.32105	0.321475	0.468535	-2.13431	0.882723	1.01616	1.01616	0.640953	5.56149	7.7128	1
cg11361442	TPCN2	0.73969	0.489831	1.27829	1.27829	0.152338	1.71022	1.71022	0.643113	1.1774	1.1774	0.132487	1.76505	1.76505	0.802827	0.949734	-1.05293	0.381538	1.36906	1.36906	0.909589	1.04056	1.04056	0.70744	1.14106	1.14106	0.635967	1.18162	1.18162	0.640951	2.34353	1.72456	1
cg06481089	NUDT10	0.73965	0.195442	0.802547	-1.24597	0.616437	1.34184	1.34184	0.314153	0.620494	1.61193	0.295111	0.349853	-2.85811	0.634858	0.488181	-2.04835	0.722379	0.864168	1.15731	0.488242	0.678445	-1.47403	0.93771	1.13511	1.13511	0.622202	1.23041	1.23041	0.640904	0.77533	1.12897	1
cg10381409	MORC3	0.73970	0.476513	0.837099	-1.1946	0.737452	1.08615	1.08615	0.234116	1.3585	1.3585	0.444099	0.825925	-1.21076	0.265381	1.32989	1.32989	0.723903	0.916568	-1.09103	0.430206	1.2187	1.2187	0.928086	0.978071	-1.02242	0.81824	0.945026	-1.05817	0.640939	0.612466	0.849401	1
cg18933494	STK33	0.73977	0.231626	0.498258	-2.00699	0.83989	0.893755	-1.11887	0.754026	0.839846	-1.19069	0.296865	0.548513	-1.82311	0.213978	0.483589	-2.06787	0.460835	0.662391	-1.50968	0.189467	0.462193	-2.1636	0.39872	0.618942	-1.61566	0.499678	0.683555	-1.46295	0.640937	3.12969	4.34044	1
cg20681193	RTBDN	0.73972	0.277638	0.861414	-1.16102	0.874809	0.969352	-1.03055	0.448807	1.1279	1.1279	0.965089	0.774524	1.29053	0.775101	0.964113	-1.03687	0.760498	0.921958	-1.08493	0.856907	0.91874	1.09254	1.09254	1.09254	1.09254	0.910169	0.925169	0.925169	0.640958	0.275533	0.340858	1
cg04168039	RIF1	0.73974	0.344681	2.01858	2.01858	0.427957	1.79182	1.79182	0.136778	3.20542	3.20542	0.869859	0.888864	-1.12503	0.979337	1.01878	1.01878	0.993609	1.00577	1.00577	0.363602	1.96119	1.96119	0.258539	2.34535	2.34535	0.864946	1.1301	1.1301	0.638914	5.11233	6.22346	1
cg06542931	KCNQ2	0.73976	0.836543	1.08509	1.08509	0.762654	1.08563	1.08563	0.956981	1.09141	1.09141	0.709455	0.994619	-1.00587	0.967703	0.964619	-1.03627	0.517159	0.887749	-1.12644	0.401588	0.855858	1.16842	1.16842	0.913664	0.980525	-1.01986	0.821821	1.04077	1.04077	0.640911	0.333659	0.462757	1
cg25713309	OCEL1	0.73927	0.512468	0.517339	-1.93297	0.677902	1.50994	1.50994	0.305743	2.90565	2.90565	0.996841	1.0039	1.0039	0.596702	1.69727	1.69727	?	?	?	?	?	?	?	?	?	?	?	?	0.640907	2.37547	3.76481	1.39753	7.80242	1
cg08341924	TGM1	0.73927	0.124226	0.395774	-2.5267	0.603089	1.33845	1.33845	0.264994	0.523681	-1.90956	0.37876	0.604815	-1.6534	0.541162	0.708608	-1.41122	0.640831	0.769792	-1.29905	0.573415	0.722871	-1.37382	0.465785	0.661459	-1.51181	0.601997	0.746021	-1.34044	0.640908	1.34743	4.36509	1
cg13369991	XK	0.73979	0.370387	0.747881	-1.33716	0.593196	0.754	-1.32615	0.537399	0.607705	-1.64471	0.266651	0.537399	1.86107	0.266651	0.410818	-2.43491	0.838354	0.907123	-1.10243	0.729388	0.904066	-1.10611	0.907844	1.07068	1.07068	0.558738	1.52237	1.52237	0.640907	5.128	7.15147	1
cg01099813	CPE82;CPE82	0.73975	0.52737	1.50817	1.50817	0.750887	0.814815	-1.22727	0.76058	0.821924	-1.21666	0.279741	0.20652	2.02652	0.615629	0.869418	-1.15019	0.774465	1.20243	1.20243	0.768215	0.827267	-1.2088	0.134042	2.82024	2.82024	0.372227	1.80007	1.80007	0.640856	4.17879	5.79612	1
cg18052686	MBNL2;MBNL2	0.73975	0.237385	0.492994	-2.03004	0.799572	0.99532	-1.00465	0.448807	1.14737	1.14737	0.460456	0.705101	1.70101	0.364113	0.781687	-1.27933	0.765956	1.3836	1.3836	0.649714	1.60991	1.60991	0.801342	1.30026	1.30026	0.976778	1.03078	1.03078	0.640889	11.011	15.2404	1
cg18285492	CIITA	0.73975	0.954672	0.956007	-1.04602	0.581059	1.55448	1.55448	0.227395	2.72631	2.72631	0.475213	1.77659	1.77659	0.170782	0.315248	-3.1721	0.824806	1.19181	1.19181	0.740384	1.30106	1.30106	0.648321	0.695277	-1.43828	0.98585	0.986062	-1.01414	0.640841	6.35797	8.81892	1
cg18338181	FASN	0.73978	0.652828	1.15264	1.15264	0.719478	1.41267	1.41267	0.662995	1.08756	1.08756	0.401301	0.485769	1.64603	0.446693	0.592023	-1.68818	0.838854	0.907123	-1.10243	0.729388	0.904066	-1.10611	0.907844	1.07068	1.07068	0.558738	1.52237	1.52237	0.640835	0.998877	1.38552	1
cg01957712	PARD3B;PARD3B;PARD3B	0.73986	0.783142	0.756963	-1.32107	0.876575	0.84594	-1.16968	0.199936	0.93295	0.732983	0.315385	0.211937	-4.73189	0.997713	0.997111	1.0029	0.673267	1.54323	1.54323	0.610889	1.67894	1.67894	0.813628	1.26914	1.26914	0.771208	1.745071	1.34215	0.640966	10.3398	14.3391	1
cg07675069	CPA5;CPA5;CPA5;CPA5;CPA5;CPA5	0.73969	0.430117	0.586235	-1.7058	0.166027	0.37552	-2.66297	0.816924	0.85747	-1.16622	0.41554	1.73643	1.73643	0.515996	0.646155	-1.54762	0.775409	0.827223	-1.20886	0.42373	0.587112	-1.71906	0.422104	0.580559	-1.72248	0.628709	1.3814	1.3814	0.640961	4.4636	6.19015	1
cg24731245	TSGA13	0.73969	0.21763	1.382801	1.3828	0.45125	0.572525	1.98108	0.124129	0.725473	0.725473	0.170317	1.36138	1.36138	0.377099	0.73548	-1.35982	0.826076	0.8497	-1.17689	0.132484	0.305109	-3.32105	0.321475	0.468535	-2.13431	0.882723	1.01616	1.01616	0.640953	5.56149	7.7128	1
cg13631442	TPCN2	0.73969	0.489831	1.27829	1.27829	0.152338	1.71022	1.71022	0.643113	1.1774	1.1774	0.132487	1.76505	1.76505	0.802827	0.949734	-1.05293	0.381538	1.36906	1.36906	0.909589	1.04056	1.04056	0.70744	1.14106	1.14106	0.635967	1.18162	1.18162	0.640951	2.34353	1.72456	1
cg06481089	NUDT10	0.73965	0.195442	0.802547	-1.24597	0.616437	1.34184	1.34184	0.314153	0.620494	1.61193	0.295111	0.349853	-2.85811	0.634858	0.488181	-2.04835	0.722379	0.864168	1.15731	0.488242	0.678445	-1.47403	0.93771	1.13511	1.13511	0.622202	1.23041	1.23041	0.640904	0.77533	1.12897	1
cg10381409	MORC3	0.73970	0.476513	0.837099	-1.1946	0.737452	1.08615	1.08615	0.234116	1.3585	1.3585	0.444099	0.825925	-1.21076	0.265381	1.32989	1.32989	0.723903	0.916568	-1.09103	0.430206	1.2187	1.2187	0.928086	0.978071	-1.02242	0.81824	0.945026	-1.05817	0.640939	0.612466	0.849401	1
cg18933494	STK33	0.73977	0.231626	0.498258	-2.00699	0.83989	0.893755	-1.11887	0.754026	0.839846	-1.19069	0.296865	0.548513	-1.82311	0.213978	0.483589	-2.06787	0.460835	0.662391	-1.50968	0.189467	0.462193	-2.1636	0.39872	0.618942	-1.61566	0.499678	0.683555	-1.46295	0.640937	3.12969	4.34044	1
cg20681193	RTBDN	0.73972	0.277638	0.861414	-1.16102	0.874809	0.969352	-1.03055	0.448807	1.1279	1.1279	0.965089	0.774524	1.29053	0.775101	0.964113	-1.03687	0.760498	0.921958	-1.08493	0.856907	0.91874	1.09254	1.09254	1.09254	1.09254	0.910169	0.925169	0.925169	0.640958	0.275533	0.340858	1
cg04168039	RIF1	0.73974	0.344681	2.01858	2.01858	0.427957	1.79182	1.79182	0.136778	3.20542	3.20542	0.869859	0.888864	-1.12503	0.979337	1.01878	1.01878	0.993609	1.00577	1.00577	0.363602	1.96119	1.96119	0.258539	2.34535	2.34535	0.864946	1.1301	1.1301	0.638914	5.11233	6.22346	1
cg06542931	KCNQ2	0.73976	0.836543	1.08509	1.08509	0.762654	1.08563	1.08563	0.956981	1.09141	1.09141	0.709455	0.994619	-1.00587	0.967703	0.964619	-1.03627	0.517159	0.887749	-1.12644	0.401588	0.855858	1.16842	1.16842	0.913664	0.980525	-1.01986	0.821821	1.04077	1.04077	0.640911	0.333659	0.462757	1
cg25713309	OCEL1	0.73927	0.512468	0.517339	-1.93297	0.677902	1.50994	1.50994	0.305743	2.90565	2.90565	0.996841	1.0039	1.0039	0.596702	1.69727	1.69727	?	?	?	?	?	?	?	?	?	?	?	?	0.640907	2.37547	3.76481	1.39753	7.80242	1
cg08341924	TGM1	0.73927	0.124226	0.395774	-2.5267	0.603089	1.33845	1.33845	0.264994	0.523681	-1.90956	0.37876	0.604815	-1.6534	0.541162	0.708608	-1.41122	0.640831	0.769792	-1.29905	0.573415	0.722871	-1.37382	0.465785	0.661459	-1.51181	0.601997	0.746021	-1.34044	0.640908	1.34743	4.36509	1
cg13369991	XK	0.73979	0.370387	0.747881	-1.33716	0.593196	0.754	-1.32615	0.537399	0.607705	-1.64471	0.266651	0.537399	1.86107	0.266651	0.410818	-2.43491	0.838354	0.907123	-1.10243	0.729388	0.904066	-1.10611	0.907844	1.07068	1.07068	0.558738	1.52237	1.52237	0.640907	5.128	7.15147	1
cg10099813	CPE82;CPE82	0.73975	0.52737	1.50817	1.50817	0.750887	0.814815	-1.22727	0.76058	0.821924	-1.21666	0.279741	0.20652	2.02652	0.615629	0.869418	-1.15019	0.774465	1.20243	1.20243	0.768215	0.827267	-1.2088	0.134042	2.82024	2.82024	0.372227	1.80007	1.80007	0.640856	4.17879	5.79612	1
cg18052686	MBNL2;MBNL2	0.73975	0.237385	0.492994	-2.03004	0.799572	0.99532	-1.00465	0.448807	1.14737	1.14737	0.460456	0.705101	1.70101	0.364113	0.781687	-1.27933	0.765956	1.3836	1.3836	0.649714	1.60991	1.60991	0.801342	1.30026	1.30026	0.976778	1.03078	1.03078	0.640889	11.011	15.2404	1
cg18285492	CIITA	0.73975	0.954672	0.956007	-1.04602	0.581059	1.55448	1.55448	0.227395	2.72631	2.72631	0.475213	1.77659	1.77659	0.170782	0.315248	-3.1721	0.824806	1.19181	1.19181	0.740384	1.30106	1.30106	0.648321	0.695277	-1.43828	0.98585	0.986062	-1.01414	0.640841	6.35797	8.81892	1
cg18338181	FASN	0.73978	0.652828	1.15264	1.15264	0.719478	1.41267	1.41267	0.662995	1.08756	1.08756	0.401301	0.485769	1.64603	0.446693	0.592023	-1.68818	0.838354	0.907123	-1.10243	0.729388	0.904066	-1.10611	0.907844	1.07068	1.07068	0.558738	1.52237	1.52237	0.640835	0.998877	1.38552	1
cg25779291	PRICKLE2	0.73984	0.449934	1.4062	1.24062	0.700556	1.20102	1.20102	0.190541	1.35426	1.35426	0.392793	0.883498	1.11294	0.528413	0.73877	-1.3536	0.454715	0.607007	-1.43471	0.782861	1.1361	1.1361	0.678649	0.70569	-1.41706	0.558978	0.772143	1.2951	1.2951	0.64083	0.28058	1.31637	1
cg14156581	ZFPM2	0.73984	0.524741	1.10832	1.10832	0.724695	1.05804	1.05804	0.778549	1.04601	1.04601	0.888122	1.02065	1.02065	1.08708	1.15195	1.15195	0.654664	1.07448	1.07448	0.121443	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg02305527	FNTB	0.74060	0.709724	0.913124	-1.09514	1.0948763	1.56229	1.56229	0.6455611	0.8355335	-1.11935	1.8808825	0.942785	-1.09269	0.4524445	1.20449	1.20449	0.517897	1.17274	1.17274	0.949477	0.984715	-1.01552	1.027699	1.02231	1.02231	0.4716116	1.19481	1.0398631	0.5986166	0.8317758	1
cg04718853	SYNGAP1	0.74067	0.499104	1.49336	1.49336	0.8034736	3.10687	3.10687	0.4699229	1.53674	1.53674	0.4586731	1.55429	1.55429	0.504562	1.48428	1.48428	0.743498	1.21157	1.21157	0.287527	1.9068	1.58606	1.08169	1.37897	1.37897	0.9861624	1.01019	1.0101019	0.6159391	3.4604	4.80918	1
cg19032271	RWDD1;RWDD1;RWDD1;RWDD1;RWD D1;RWDD1	0.74069	0.789714	0.941275	-1.06239	0.6515303	0.902171	-1.10844	0.3718777	1.23071	1.23071	0.775678	1.06683	1.06683	0.7913266	0.9417525	-1.06188	0.124623	0.686298	-1.45709	0.454974	0.841717	-1.18805	0.3953	0.821093	-1.21789	0.9564001	1.01246	1.012466	0.6395587	0.5193315	0.721736	1
cg09420761	ADAMTS13;REX04	0.74076	0.780236	0.89361	-1.11906	0.9368869	0.968645	-1.03237	0.704297	0.853875	-1.16573	0.66627	0.839883	-1.19064	0.5775888	1.25519	1.25519	0.327038	1.50216	1.50216	0.438022	0.727504	-1.37456	0.1277388	0.515736	-1.93898	0.816049	0.910544	-1.09825	0.6395779	1.63825	2.27685	1
cg07318088	CASP8AP2;CASP8AP2;CASP8AP2	0.74084	0.173354	0.764957	-1.30726	0.78104	0.94977	-1.05289	0.4808261	0.875872	-1.14172	0.488943	1.13885	1.13885	0.4783632	1.1425	1.1425	0.357031	0.839294	-1.19548	0.853606	1.03475	1.03475	0.835208	0.962207	-1.03928	0.585001	1.10737	1.107372	0.6395607	0.3464482	0.4815551	1
cg04331189	WDSUB1;WDSUB1;WDSUB1	0.74095	0.527314	1.43635	1.43635	0.730526	0.82244	-1.21589	0.201669	2.14319	2.14319	0.324488	1.77762	1.77762	0.7996573	1.15462	1.15462	0.211182	2.10599	2.10599	0.435807	1.56755	1.56755	0.47398	1.50941	1.50941	0.7150114	0.81275	-1.23039	0.6395551	3.23785	4.50016	1
cg05218281	MKLN1;MKLN1	0.74716	0.952445	0.987294	-1.01287	0.6652321	1.10785	1.107785	0.6944267	1.06047	1.06047	0.208501	1.32929	1.32929	0.274017	1.37642	1.37642	0.521882	0.870269	-1.14953	0.303262	0.795613	-1.25689	0.653427	1.16006	1.16006	0.8574936	1.09931	1.099311	0.6395322	0.4656973	0.6472551	1
cg02315625	PIR18	0.74718	0.287447	0.622301	-1.60694	0.97154	0.984795	-1.01544	0.36664	0.671457	-1.48893	0.279289	0.921587	-1.63242	0.213826	0.569377	1.75631	0.29644	0.628183	-1.59189	0.279189	0.616819	-1.62122	0.81987	0.938137	-1.06594	0.488448	0.739148	-1.35291	0.63952	1.860387	2.59649	1
cg14205362	TMPRSS9	0.74744	0.49525	1.29537	1.29537	0.9130445	1.04166	1.04166	0.987206	1.00601	1.00601	0.474859	1.31203	1.31203	0.309985	0.675299	-1.48083	0.17066	0.579706	-1.72501	0.475387	1.31159	1.31159	0.883373	1.05639	1.05639	0.7963211	1.10149	1.101449	0.6394483	1.4144	1.96603	1
cg00909275	ATXN2	0.74754	0.414326	0.928102	-1.07766	0.7972129	1.07128	-1.02387	0.5553562	1.26104	1.26104	0.170599	1.17683	1.17683	0.6878986	0.8546491	-1.17001	0.854668	1.07293	1.07293	0.682776	0.852345	-1.17123	0.7977883	0.850799	-1.17543	0.9182651	1.04072	1.040721	0.6394469	1.513207	2.12825	1
cg17805404	GPR162;GPR162	0.74755	0.791875	0.947377	-1.05555	0.562255	0.887211	-1.12713	0.365957	1.20909	1.20909	0.400146	0.838576	-1.1925	0.375568	0.803365	-1.20429	0.634345	0.906702	-1.1029	0.132834	0.717855	-1.39304	0.618113	0.907703	-1.10168	0.875789	0.968531	-1.03249	0.639467	0.423168	0.588223	1
cg02609988	LASP1	0.74758	0.268615	0.767095	-1.30362	0.822959	0.949739	-1.05292	0.177378	0.719202	-1.38942	0.564043	1.14362	1.14362	0.6884402	1.09719	1.09719	0.658297	0.90246	-1.10782	0.102694	0.979131	-1.02131	0.803287	0.781138	-1.28018	0.744376	1.079516	1.07916	0.6394449	0.536299	0.745001	1
cg06639076	C19orf36;C19orf36;MOBKL2A	0.74805	0.634923	0.658768	-1.51799	0.8400994	1.19279	1.19279	0.710709	1.38417	1.38417	0.73748	0.745608	-1.34119	0.115674	0.224866	-4.4471	0.421466	0.488411	-2.04745	0.360686	0.44044	-2.27045	0.608773	0.56905	-1.76905	0.789523	1.26296	1.262956	0.6393397	7.71097	10.7198	1
cg13150400	C6orf127;AHI1;AHI1;AHI1;AHI1	0.74081	0.207563	1.36526	1.36526	0.968799	1.09021	1.09021	0.899308	0.970412	-1.03049	0.289715	1.29363	1.29363	0.3311747	0.790883	-1.26441	0.928848	1.02114	1.02114	0.393161	0.814852	-1.22722	0.707667	0.99227	-1.00227	0.969974	0.99122	-1.00886	0.639339	0.555824	0.772714	1
cg18750306	DUSP7	0.74823	0.651402	1.090606	-1.36353	0.115993	2.02636	2.02636	0.296771	1.7502	1.7502	0.999012	1.00591	1.00591	0.9511701	0.765486	-1.30479	0.981373	0.988215	-1.01143	0.595231	1.33974	1.33974	0.704278	0.820941	-1.21811	0.835711	0.898125	1.11343	0.893172	1.7205	3.7689	1
cg13111549	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.74823	0.230317	0.517639	-1.93185	0.190529	0.484176	-2.06537	0.604293	0.760675	-1.31462	0.290666	0.563402	-1.77493	0.473409	0.682817	-1.46452	0.946827	0.965704	-1.03551	0.520375	1.40623	1.40623	0.610673	0.764411	-1.3082	0.560276	0.734802	-1.36091	0.639371	2.77225	3.85413	1
cg25239939	RAP2A	0.74842	0.364534	0.839631	-1.19091	0.099642	0.999156	-1.00008	0.313987	0.822615	-1.21563	0.538637	0.889817	-1.12383	0.176301	0.763703	-1.30941	0.494585	0.878041	-1.1381	0.109448	0.773578	-1.29269	0.996615	0.999205	-1.0008	0.843941	1.03765	1.037655	0.6394335	0.356051	0.499222	1
cg25117899	RPP40	0.74858	0.376104	0.862917	-1.15886	0.43912	0.879779	-1.13665	0.532097	0.899788	-1.11137	0.853313	0.970404	-1.0305	0.683322	0.935594	-1.06884	0.907563	0.981323	-1.01903	0.340956	0.852754	-1.17267	0.167937	0.726939	-1.37569	0.169323	0.266775	0.370013		
cg16721321	LOC100130872-SPON2;LOC100130872	0.74085	0.692642	1.41843	1.41843	0.109359	4.64591	4.64591	0.146974	3.93313	3.93313	0.80964	1.23656	1.23656	0.538219	1.73036	1.73036	0.423161	2.054	2.054	0.724535	1.36521	1.36521	0.596809	1.59954	1.59954	0.602745	1.58724	1.587224	0.6393322	7.83838	10.8982	1
cg09282289	ZMYM2;ZMYM2	0.74087	0.808762	0.894783	-1.11759	0.0736478	2.49513	2.49513	0.256883	1.56882	-1.36095	0.951769	0.972647	-1.02812	0.601113	0.816556	-1.22496	0.652567	0.812381	-1.23095	0.790845	1.12961	1.12961	0.912586	1.05164	1.05164	0.924499	0.95747	-1.04442	0.6393401	0.212856	0.295956	1
cg14623989	APCDD1	0.74874	0.652485	0.874224	-1.14393	0.1122771	0.909047	-1.09944	0.415478	0.875951	-1.14206	0.488154	0.966216	-1.03547	0.2805396	0.744806	-1.34242	0.897559	0.977328	-1.02308	0.479073	0.954683	-1.04763	0.2053536	1.04004	1.04004	0.9617393	0.983556	-1.01664	0.6393	1.540848	2.15385	1
cg14073746	KIF14	0.74885	0.53618	0.696539	-1.43567	0.245533	0.01615	2.01615	0.335453	1.7743	1.7743	0.865265	1.10301	1.10301	0.541301	1.42902	1.42902	0.54444	1.42497	1.42497	0.407234	0.612979	-1.63138	0.960042	0.971491	-1.02935	0.4482924	0.640106	-1.56224	0.6393286	3.37435	4.69184	1
cg08140419	FLJ42289;FLJ42289	0.74886	0.910577	0.940692	-1.06305	0.747705	0.838926	-1.192	0.38048	0.614597	-1.62708	0.854097	0.904677	-1.10537	0.815612	1.13555	1.13555	0.597712	1.33615	1.33615	0.779942	1.16465	1.16465	0.129975	2.4354	2.4354	0.311962	1.76689	1.766889	0.6393284	2.98844	4.16916	1
cg14928532	LOC100272217;FUBP3	0.74081	0.90042	1.03039	1.03039	0.1235005	1.48669	1.48669	0.918366	0.975779	-1.02482	0.341078	1.26445	1.26445	0.484399	1.18524	1.18524	0.983713	0.98821	-1.01114	0.595231	1.33974	1.33974	0.704278	0.820941	-1.21811	0.835711	0.898125	1.11343	0.893172	1.7205	3.7689	1
cg14058699	CDL6A1	0.74090	0.931352	1.02501	1.02501	0.163414	0.864125	-1.15724	0.872989	0.955174	-1.04693	0.218917	1.44868	1.44868	0.472912	1.23278	1.23278	0.36156	1.30847	1.30847	0.173171	1.51479	1.51479	0.530812	1.19962	1.19962	0.885585	0.959427	-1.04229	0.639255	0.831981	1.15688	1
cg25893906	HUNK	0.74092	0.647857	0.884428	-1.13093	0.099642	0.97421	-1.42003	0.477287	0.839346	-1.1914	0.868052	0.990333	-1.00976	0.586099	1.1427	1.1427	0.457485	1.2015	1.2015	0.363612	0.773578	-1.29269	0.996615	0.999205	-1.0008	0.843941	1.03765	1.037655	0.6393345	0.356051	0.499222	1
cg25121866	ZNF383	0.74925	0.534588	0.74089	-1.34973	0.709567	0.836612	-1.1953	0.615878	0.788576	-1.27279	0.413871	1.4893	1.4893	0.9902	0.3999414	1.00059	0.150151	2.08669	2.08669	0.461584	1.42961	1.42961	0.521903	0.733798	-1.36277	0.831671	0.90459	-1.10547	0.639229	2.30202	3.2011	1
cg19846389	KRT9	0.74093	0.400287	0.530232	-1.88597	0.302558	0.455237	-2.19671	0.944202	0.949731	-1.05293	0.960917	1.03677	1.03677	0.400634	0.504492	-1.88504	0.32233	0.470795	-2.12407	0.185326	0.355225	-2.81512	0.24907	0.411588	-2.42961	0.929568	1.06731	1.067311	0.639217	5.49694	7.64399	1
cg07304760	SND1	0.74061	0.98221	1.01823	1.01823	0.0547857	1.16	-1.09377	0.294572	1.24548	1.24548	0.0966	2.0033	2.0033	0.1779564	2.24548	2.24548	0.147505	0.342445	-2.92139	0.0231184	0.168007	1.75349	0.731084	0.16824	1.5624	0.2219293	0.188081	1.562404	0.6394178	0.183852	0.287553	1
cg12161460	SH3BGR	0.74084	0.080826	0.512317	-1.95192	0.578213	0.824115	-1.21342	0.820888	0.71673	1.0773	0.783697	1.09941	1.09941	0.6311068	0.921808	-1.08472	0.87899	0.948879	-1.05387	0.451416	1.30247	1.30247	0.29734	0.928512	-1.07699	0.781003	1.10075	1.100753	0.639146	1.2008	1.67	1
cg06523891	ARNT;ARNT;ARNT;ARNT;ARNT	0.74084	0.344077	0.822554	-1.21625	0.112771	0.909047	-1.06445	0.415478	0.875951	-1.14206	0.488154	0.966216	-1.03547	0.2805396	0.744806	-1.34242	0.897559	0.977328	-1.02308	0.479073	0.954683	-1.04763	0.2053536	1.04004	1.04004	0.9617393	0.983556	-1.01664	0.6393	1.540848	2.15385	1
cg18333807	GSK3A	0.74098	0.456358	0.768947	-1.30048	0.179173	0.610053	-1.6392	0.934888	0.972098	-1.0287	0.295935	0.687041	-1.45552	0.579027	0.823577	1.21422	?	?	?	0.590002	0.828282	-1.20732	0.356868	0.702224	-1.38846	0.588365	1.20834	1.208334	0.6227722	0.105158	0.168868	1
cg07478918	PAX6;PAX6;PAX6	0.74092	0.241008	0.552321	-1.81054	0.702161	1.21646	1.216461	0.492449	1.42693	1.42693	0.59404	0.760066	-1.31567	0.973314	1.01721	1.01721	0.709213	1.20213	1.20213	0.504712	1.41229	1.41229	0.186853	2.04119	2.04119	0.694589	0.817718	-1.22292	0.639135	2.63258	3.66131	1
cg10197305	ZNF718	0.74103	0.704153	1.08146	1.08146	0.4612475	0.941736	-1.23273	0.853443	0.832935	-1.20132	0.599502	0.842375	-1.18707	0.5139501	1.18624	1.18624	0.459024	0.454928	-2.19815	0.932356	0.855134	-1.16954	0.109274	0.868402	-1.15164	0.192928	1.19288	1.192884	0.6394217	1.081122	1.615852	1
cg05868316	FBXW9	0.74019	0.92154	1.02666	1.02666	0.496951	1.20223	1.20223	0.300142	1.33206	1.33206	0.743366	0.916006	-1.0917	0.321844	1.3143	1.3143	0.689347	1.11327	1.11327	0.505803	0.835025	-1.19757	0.219826	1.41134	1.41134	0.348316	1.29415	1.294115	0.6390998	0.721819	1.00394	1
cg17995403	TPRG1;TP63;ZNF2;ZNF2;ZNF2	0.74102	0.842955	0.932553	-1.07283	0.649249	1.05792	1.057923	0.881641	1.03184	1.03184	0.254146	1.07862	1.07862	0.3109705	1.12726	1.12726	0.864085	1.02805	1.02805	0.415241	0.875364	-1.14238	0.868408	0.884307	1.10452	0.1104452	0.868408	1.104523	0.6394152	0.184008	0.289004	1
cg15790767	GFOD1	0.74103	0.902383	0.92268	-1.0838	0.683092	1.31213	1.312133	0.755764	0.814948	-1.22707	0.323424	1.95204	1.95204	0.1754763	0.324706	-3.07971	0.460496	0.63687	1.63687	0.920425	1.06773	1.06773	0.589553	0.99145	-1.00862	0.880999	0.900427	1.10323	0.639077	0.35346	0.505521	1
cg21248987	SDK1	0.74034	0.501121	1.32654	1.32654	0.781491	0.891302	-1.12195	0.217869	0.584828	-1.7099	0.314662	0.650315	-1.53772	0.597791	0.802254	-1.24649	0.537911	1.29448	1.29448	0.486866	0.746502	-1.33958	0.768395	1.12998	1.12998	0.1665117	0.681185	-1.46803	0.639076	1.73343	2.41103	1
cg16152877	TBC1D17;TBC1D17	0.74093	0.547937	1.82583	1.82583	0.422464	0.77127	1.29725	0.183522	0.37969	2.63327	0.183522	0.37969	2.63327	0.183522	0.37969	2.63327	0.792575	1.26202	1.26202	0.819174	0.822707	1.21585	0.974251	1.02607	1.02607	0.741594	0.768095	-1.30192	0.639094	0.468361	0.651	0.905018	1
cg08753222	INPPL1	0.74104	0.847603	1.1286	1.1286	0.417731	0.593116	-1.68601	0.646881	1.33681	1.33681	0.985511	1.01148	1.01148	?	?	?	?	?	?	0.590002	0.828282	-1.20732	0.356868	0.702224	-1.38846	0.588365	1.20834	1.208334	0.6227722	0.105158	0.168868	1
cg09193885	RGS12;RGS12	0.74105	0.32566	0.848813	-1.45787	0.2183857	0.823687	-1.2405	0.326031	0.729185	-1.39027	0.466814	0.780263	-1.28125	0.2910223	0.703405	-1.42166	0.566333	1.20458	1.20458	0.971934	1.01136	1.01136	0.644533	1.16087	1.16087	0.4309063	1.173791	1.173791	0.6394	1.049404	1.553	1
cg25762195	RHPN1;C8orf51	0.74055	0.453952	1.12357	1.12357	0.651336	1.07196	1.07196	0.696148	0.941815	-1.06178	0.641852	0.930953	-1.07417	0.815653	1.03632	1.03632	0.919692	1.01552	1.01552	0.0955475	0.756022	-1.33271	0.690257	0.94065	-1.0631	0.541931	0.910007	-1.09889	0.639046	2.236136	0.328456	1
cg25834415	KIF1A	0.74059	0.975511	1.00924	1.00924	0.503334	1.16021	1.16021	0.463144	0.917627	1.08977	0.631965	0.998855	1.00855	0.6353865	1.00855	1.00855	0.450414	1.16099	1.16099	0.111746	0.687922	-1.45365	0.922994	0.97944	-1.0214	0.78152	1.062078	1.062078	0.6394041	0.648517	0.67395	1
cg25366157	RP2	0.74063	0.0983006	0.332309	-3.01125	0.81891	1.14674	1.14674	0.578639	0.707083	-1.40686	0.622107	1.1127	1.1127	0.531412	0.4707	1.4707	0.378018	0.577372	-1.73199	0.513264	0.68803	-1.45304	0.688473	0.782505	-1.27795	0.921421	0.94173	-1.06187	0.639036	3.74711	5.21217	1
cg05269017	TRAIP BAG5;BAG5;BAG5;BAG5;BAG5;C14orf1	0.74064	0.982604	0.991063	-1.00902	0.93945	1.00292	1.00292	0.182999	1.78924	1.78924	0.653785	1.20429	1.20429	0.466762	1.35652	1.35652	0.883137	1.06243	1.06243	0.183736	0.55951	-1.78728	0.95811	1.02186	1.02186	0.696076	0.85075	-1.17543	0.639035	1.71587	2.38675	1
cg15482623	S3	0.74076	0.674622	1.18918	1.18918	0.34491	1.49065	1.49065	0.209292	1.72126	1.72126	0.751434	1.13929	1.13929	0.7975821	1.11123	1.11123	0.987971	1.00621	1.00621	0.193217	0.568348	-1.75949	0.839899	1.08055	1.08055	0.782002	0.893851	-1.11875	0.639018	1.70429	2.3707	1
cg15764058	MAGI1;MAGI1;MAGI1	0.74076	0.309421	1.05201	1.05201	0.298853	1.51353	1.51353	0.186705	1.0031	1.0031	0.840027	1.02776	1.02776	0.6207744	1.11107	1.11107	0.660147	1.17247	1.17247	0.209732	0.836053	-1.1961	0.710515	1.0518	1.0518	0.1273222	1.16784	1.167844	0.6390017	0.18569	0.2581	1
cg04003898	EIF2C1	0.74081	0.443039	1.15118	1.15118	0.510417	1.50582	1.50582	0.188425	1.28639	1.28639	0.617286	1.66097	1.66097	0.1598913	1.29861	1.29861	0.467598	1.57329	1.57329	0.148026	0.82361	-1.21361	0.864864	1.7698	1.7698	0.5178211	1.4948	1.494803	0.6390291	3.80445	5.29215	1
cg17853006	RLF	0.74092	0.48856	0.775808	-1.28898	0.52938	1.25845	1.25845	0.184676	1.66128	1.66128	0.711051	0.874377	-1.14367	0.362467	1.06455	1.06455	0.438616	0.752002	-1.32978	0.467232	0.76576	-1.30589	0.9792	0.990638	-1.00945	?	?	?	?	?	0.622574	1.40481	1.8324	1
cg19927836	SYS1;SYS1-DBNDD2	0.74126	0.326502	0.807443	-1.23899	0.3559	0.850051	-1.03005	0.852197	0.955144	-1.05092	0.26273	0.716375	-1.39611	0.3655107	0.704452	-1.42009	0.954615	1.08382	1.08382	0.510644	0.620625	0.891925	-1.12117	0.815477	0.90912	1.06912	0.462054	0.8005592	-1.23978	0.639107	1.0405	1
cg05280336	TCP10	0.74113	0.884669	0.945149	-1.05803	0.333819	0.678795	-1.4732	0.746559	1.13432	1.13432	0.669193	0.859463	-1.16352	0.592333	0.810521	-1.23377	0.701659	0.86105	-1.16137	0.349811	0.687936	-1.45362	0.981033	0.990803	-1.00928	0.151467	1.81731	1.817311	0.6389341	1.52868	2.12668	1
cg12888961	CDK17;CDK17;CDK17;CDK17	0.74133	0.967599	1.00759	1.00759	0.2973	1.22375	1.22375	0.336954	1.20232	1.20232	0.819794	0.963029	-1.03839	0.481604	1.14239	1.14239	0.688405	1.02902	1.02902	0.17064	0.812189	0.905834	-1.1054	0.156101	1.11455	1.114551	0.6389197	0.930519	0.487642	1
cg05922961	FBXL7	0.74146	0.77918	1.24417	1.24417	0.174781	1.07027	1.07027	0.14009	0.43423	0.43423	0.940704	1.05952	1.05952	0.679291	0.72389	-1.38143	0.609175	1.49296	1.49296	0.344111	0.2009	2.0009	0.565564	1.56872	1.56872	0.6060255	1.460794	1.46794	0.63892	1.11258	8.50405	1
cg06690825	C1GALT1	0.74156	0.408284	0.754032	-1.3262	0.343634	1.38491	1.38491	0.441681	1.29935	1.29935	0.439538	0.76861	-1.30102	0.511495	0.800704	-1.2489	0.880455	1.05152	1.05152	0.414557	1.321	1.321	0.57269	0.826741	-1.20957	0.49102	1.263	1.263	0.638905	1.12741	1.56853	1
cg00404015	SAMD14	0.74172	0.687123	1.126	1.126	0.486953	1.31511	1.31511	0.345091	1.70846	1.70846	0.894891	1.09549	1.09549	0.4455991	1.14489	1.14489	0.450644	1.16099	1.16099	0.111746	0.687922	-1.45365	0.922994	0.97944	-1.0214	0.78152	1.062078	1.062078	0.6394041	0.648517	0.67395	1
cg03928182	PTPRR	0.74181	0.563768	0.908252	-1.10102	0.261208	0.824303	-1.21315	0.153883	0.777446	-1.28626	0.249525	0.819999	-1.21951	0.914733	0.982502	-1.01781	0.725948	1.05975	1.05975	0.992166	1.00162	1.00162	0.661233	0.929867	-1.07542	0.757407	1.05242	1.052424	0.63887	0.275133	0.382805	1
cg13676787	TOR3A;TOR3A DNAH14;DNAH14;DNAH14;DNAH14;D	0.74204	0.228614	0.659162	-1.51708	0.84805	1.06491	1.06491	0.36605	1.35842	1.35842	0.87006	0.947431	-1.05549	0.558761	1.21535	1.21535	0.522048	0.807323	-1.23866	0.270633	1.45584	1.45584	0.755161	0.894052	-1.1185	0.711675	0.884744	-1.13027	0.638837	1.10085	1.53174	1
cg03199058	NAH14;DNAH14	0.74108	0.595029	0.913835	-1.09429	0.734187	1.05891	1.05891	0.397989	1.15644	1.15644	0.981279	1.10095	1.10095	0.826927	0.963892	-1.03746	0.300982	0.835275	-1.19721	0.1612	0.777795	-1.28571	0.454036	0.879776	-1.13665	0.557861	0.905257	-1.10466	0.638832	0.285388	0.397096	1
cg12415292	PLXNB1;PLXNB1	0.74129	0.37205	0.73047	-1.36909	0.4112249	0.524224	-1.91202	0.653573	0.766025	-1.30544	0.727372	0.795683	-1.25648	0.3739907	0.676815	-1.47816	0.204653	0.278138	-3.59432	0.0251126	0.141044	1.14041	0.838117	0.73663	-1.35742	0.825126	1.140417	1.140417	0.6389	1.56643	4.99254	1
cg12446543	BAZ1B ZNF419;ZNF419;ZNF419;ZNF419;ZNF41	0.74126	0.952732	0.952896	-1.04943	0.251198	2.65329	2.65329	0.448901	1.87408	1.87408	0.649351	1.37913	1.37913	0.396574	0.493317	-2.02709	0.670661	0.705983	-1.41646	0.534214	0.59906	-1.66928	0.281568	2.48652	2.48652	0.57528	1.58528	1.585284	0.638807	6.7027	9.3267	1
cg23015949	9;ZNF419;ZNF419	0.74131	?	?	?	0.854698	1.16838	1.16838	0.245065	2.82697	2.82697	0.450437	1.92431	1.92431	?	?	?	?	?	?	?	?	?	?	?	?	?	0.648899	0.677421	-1.47619	0.541456	3.35992	8.68749	1
cg15692229	EGFR	0.74134	0.696438	1.13151	1.13151	0.401769	1.31053	1.31053	0.323515	0.725182	-1.37897	0.517923	0.813373	-1.22945	0.591241	1.22863	1.22863	0.639817	1.16012	1.16012	0.260849	1.44708	1.44708	0.428356	1.29021	1.29021	0.5101444	1.23433	1.234333	0.6387955	1.0047	1.39805	1
cg25234612	SUPT4H1;SUPT4H1	0.74136	0.303359	0.748125	-1.33589	0.683178	0.81625	-1.22525	0.165013	0.5128	1.95013	0.1028	0.1547	2.10773	0.1028	0.1547	2.10773	0.855622	0.870269	-1.14953	0.303262	0.795613	-1.25689	0.653427	1.16006	1.16006

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg11103116	UBE2E3P	0.741883	0.314988	1.62992	1.62992	1.629634	0.827999	-1.20773	0.702057	0.834667	1.19808	0.911241	1.05383	1.05383	0.100171	0.300326	0.835509	0.908866	-1.1027	0.750281	0.161777	1.16177	0.615369	0.797008	-1.25469	0.1897611	0.520464	-1.92136	0.637886	2.23342	3.11225	1
cg13837182	ECHDC1;ECHDC1;ECHDC1;ECHDC1;ECH	0.741989	0.791186	1.28844	1.23244	1.309652	2.29823	2.29823	0.162278	1.32624	3.26424	0.869095	0.878195	-1.1387	0.840808	0.853527	-1.17161	0.300126	0.498107	-2.00563	0.941085	1.043462	-1.05932	0.502097	0.584621	-1.71051	0.944654	1.05619	0.6358011	6.11155	7.47529	1
cg11588644	CYB5D1;LSMD1;LSMD1	0.741905	0.728033	1.888942	-1.12493	0.215854	0.644531	-1.55152	0.777045	0.908705	-1.10047	0.19758	0.631739	-1.58293	0.77616	1.1009	1.1009	0.329573	0.711206	-1.40606	0.598301	0.835872	-1.19636	0.475386	1.27751	1.27731	0.994036	1.00155	1.001555	0.637855	1.14875	1.60085	1
cg04260258	PCNXL3	0.741909	0.24109	0.706896	-1.41463	0.916537	1.03007	0.98822	0.996055	-1.00396	0.915922	0.970592	-1.0303	0.716493	0.10859	1.10859	0.263516	0.719308	-1.39023	0.423983	1.25962	1.25962	0.789769	0.927252	-1.07846	0.309452	1.34622	1.34622	0.63785	0.807114	1.12477	1
cg25696093	SMARCAL1;SMARCAL1	0.741921	0.484009	0.87622	-1.14127	0.952932	0.980918	-1.0111	0.615818	0.930309	-1.09853	0.890847	0.125883	0.855482	0.960704	0.970667	0.235444	1.09518	1.09518	0.967121	0.950385	-1.02907	0.756555	1.05946	1.05946	0.078722	1.43663	1.43663	0.637833	0.348501	0.485673	1
cg15699386	MUC1;MUC1;MUC1;MUC1;MUC1;MUC	0.741943	0.760639	0.927012	-1.07873	0.548004	1.16275	1.16275	0.525734	1.1729	1.1729	0.882592	0.964009	-1.03733	0.456931	0.828686	-1.20673	0.554171	1.15999	1.15999	0.133723	1.49358	1.49358	0.652249	1.11909	1.11909	0.515513	0.849123	-1.17769	0.637802	0.621466	0.861622	1
cg11813617	KRIT1;KRIT1;ANKIB1;KRIT1;KRIT1;KRIT1	0.741946	0.716954	1.07441	1.07441	0.39774	1.18613	1.18613	0.733306	0.934801	-1.06975	0.351490	1.20807	1.20807	0.342756	1.2125	1.2125	0.235643	1.27763	1.27763	0.346092	0.825901	-1.2108	0.977795	0.994528	-1.0055	0.689408	1.08242	1.08242	0.637798	0.392556	0.547098	1
cg15948410	FASN	0.741953	0.974259	0.990172	-1.06993	0.945632	1.03538	1.03538	0.8443	1.02955	1.02553	0.253262	0.694018	-1.44088	0.582832	1.1808	1.1808	0.749776	1.10295	1.10295	0.317086	1.37245	1.37245	0.709471	0.891755	-1.12138	0.449313	1.26617	1.26617	0.637788	0.946562	1.31923	1
cg22871962	RILPL2;RILPL2	0.741953	0.733932	0.940599	-1.05308	0.848	1.02951	1.02951	0.213755	1.2195	1.2195	0.865544	1.02602	1.02602	0.608585	0.924693	-1.08144	0.589419	1.0861	1.0861	0.226856	0.825034	-1.21207	0.580771	1.08823	1.08823	0.453458	1.12273	1.12273	0.637788	0.232101	0.323481	1
cg20595717	LPIN1	0.74197	0.742361	0.870194	-1.14846	0.930258	0.948644	-1.05414	0.908343	1.04962	1.04962	0.414469	0.145912	1.41912	0.410919	0.427091	1.22805	1.22805	0.463662	-2.16917	0.791384	0.804724	-1.11766	0.515177	0.756273	-1.32227	0.637765	1.77947	2.47876	1
cg12101264	NRXN3;NRXN3;NRXN3	0.741979	0.411599	0.587422	-1.70235	0.471706	1.59027	1.59027	0.901227	1.08186	1.08186	0.808064	0.584951	-1.70955	0.443771	0.609711	-1.64012	0.731713	1.80406	-1.24369	0.761548	1.21271	1.21271	0.134427	0.359597	-2.78089	0.62973	0.735042	-1.36047	0.637752	4.05586	5.65299	1
cg02703198	PPM1D	0.742001	0.918839	0.945202	-1.05797	0.769161	0.849831	-1.1767	0.24049	1.97287	1.97287	0.690178	0.582455	1.71614	0.345913	0.58595	1.63513	1.63513	0.554047	0.781241	-1.39229	?	?	0.825359	1.12997	1.12997	0.239841	1.97489	1.97489	0.812282	2.67404	4.30407	1
cg02899026	RAB11FIP3	0.742019	0.248983	1.580208	-1.7233	0.145897	1.45882	1.45882	0.472812	1.67418	1.67418	0.902672	0.951439	-1.05139	0.198853	0.890847	1.12583	0.855482	0.960704	0.970667	1.03594	1.27343	1.27343	0.272758	1.67235	1.67235	0.637836	0.708892	2.86994	4.53112	1
cg16285701	DEGS2	0.742027	0.647779	1.27711	1.27711	0.805127	1.14048	1.14048	0.455879	1.49757	1.49757	0.299341	1.77178	1.77178	0.067308	2.97512	2.97512	0.795438	1.14816	1.14816	0.849786	1.10608	1.10608	0.505189	1.43269	1.43269	0.684483	1.24265	1.24265	0.637684	2.85591	3.98095	1
cg24707616	NCRNA00188;NCRNA00188;NCRNA00188;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	SS(Test)	SS(Error)	df
cg17994896	LLCAM,LLCAM,LLCAM	0.743233	0.755393	0.93034	-1.07484	0.654769	0.901236	-1.10959	0.515367	0.858803	-1.16441	0.607015	0.10518	1.10518	0.214083	0.739164	-1.35288	0.578363	1.13851	1.13851	0.616956	1.13257	1.12357	0.827144	0.950727	-1.05183	0.229303	1.13839	0.838399	0.635994	0.537717	0.751534	1
cg02624574	INCA1;INCA1;INCA1;KIF1C;INCA1	0.743235	0.417675	0.765372	-1.30655	0.379009	0.747662	-1.3375	0.463894	0.786086	-1.27213	0.402856	1.31836	1.31836	0.825976	0.931377	-1.07368	0.382182	1.33556	1.33556	0.446248	0.778287	-1.28487	0.736736	0.896791	-1.11509	0.331264	0.72351	-1.38215	0.635991	1.04991	1.4674	1
cg11541678	MLC1;MLC1	0.743263	0.645295	1.14269	1.14269	0.410694	1.27392	1.27392	0.184165	0.666701	-1.49992	0.971496	0.98977	-1.01034	0.244827	0.70461	-1.41922	0.799407	0.929341	-1.07603	0.837111	0.942478	-1.06103	0.970873	1.01056	1.01056	0.404598	0.782382	-1.27815	0.635952	0.834138	1.1659	1
cg10254872	WASL	0.743302	0.490919	1.03161	1.03161	0.386173	0.87995	-1.13674	0.895279	0.98122	-1.01934	0.304143	1.16557	1.16557	0.515122	1.09968	1.09968	0.260195	1.18421	1.18421	0.616916	0.929968	-1.07531	0.534455	1.0948	1.0948	0.736003	1.05102	1.05102	0.635897	0.208729	0.291772	1
cg03125531	ARHGEF10	0.743307	0.507381	0.740545	-1.35036	0.693525	0.837877	-1.19349	0.514429	1.34348	1.34348	0.357954	1.5253	1.5253	0.591934	0.785327	-1.27336	0.471841	0.721194	-1.38659	0.372645	0.66437	-1.50519	0.360255	0.657006	-1.52206	0.470535	1.38797	1.38797	0.63589	2.0087	2.8079	1
cg09968943	LOC146336	0.743308	0.752049	0.891147	-1.12215	0.656316	1.17698	1.17698	0.515258	1.27212	1.27212	0.535141	1.25654	1.25654	0.433248	0.74760	-1.33745	0.754422	0.89217	-1.12086	0.202944	0.61342	-1.6302	0.89591	1.04874	1.04874	0.301197	1.47624	1.47624	0.635888	1.33148	1.86123	1
cg13246264	LRCH3	0.74331	0.252944	1.26529	1.26529	0.252395	1.26567	1.26567	0.606805	1.10771	1.10771	0.738557	0.9361 22	-1.06824	0.24386	1.27161	1.27161	0.497906	1.14522	1.14522	0.836235	0.960031	-1.04163	0.594782	0.899608	-1.1116	0.557058	1.12416	1.12416	0.635886	0.391093	0.546698	1
cg08376618	MSL2;MSL2;MSL2	0.743326	0.8579	1.06355	1.06355	0.817093	1.0829	1.0829	0.147697	1.70573	1.70573	0.255816	0.665105	-1.50353	0.492388	1.27086	1.27086	0.840014	1.07195	1.07195	0.863814	1.35965	1.35965	0.977956	1.00954	1.00954	0.928284	1.03143	1.03143	0.635864	1.19024	1.66387	1
cg14480680	VWF	0.743346	0.326148	0.621002	-1.6103	0.15825	0.492201	-2.03169	0.762401	0.867192	-1.15315	0.833534	0.805829	-1.10996	0.21549	0.764203	-1.30845	0.34126	0.630746	-1.58543	0.701571	0.836738	-1.19512	0.747886	1.16364	1.16364	0.455733	0.699766	-1.42905	0.635835	2.22395	3.10905	1
cg18732064	REM2	0.74336	0.247716	0.106678	-9.37403	0.265823	0.116808	-8.56108	0.459201	0.247679	-4.03748	0.263653	0.115576	-8.65229	0.207705	0.08543 39	-11.7063	0.374234	0.184702	-5.41413	0.937523	0.864874	-1.15624	0.390654	0.196153	-5.09805	0.547403	0.323849	-3.08786	0.635816	34.5326	48.2775	1
cg25028466	TFDP1;TFDP1	0.743365	0.542311	1.2499	1.2499	0.542637	0.90382	-1.10656	0.842511	0.818327	-1.22201	0.668278	0.955707	-1.04657	0.245112	0.81283	-1.23043	0.628458	1.21095	1.21095	0.886981	0.945707	-1.05743	0.395662	0.928784	-1.07655	0.524189	0.915256	-1.09255	0.635809	1.55164	2.16927	1
cg16124402	FOXED1;FOXRED1;SRPR	0.743371	0.798728	1.07643	1.07643	0.778346	0.921879	-1.08474	0.48062	1.22957	1.22957	0.483694	0.814509	-1.22773	0.484626	1.22718	1.22718	0.882584	1.04337	1.04337	0.282394	1.37987	1.37987	0.857057	1.05335	1.05335	0.193006	0.672266	-1.48751	0.6358	0.836684	1.16974	1
cg02702022	TNK2;TNK2	0.74341	0.371779	0.805058	-1.24191	0.296206	0.773747	-1.29241	0.682082	0.907104	-1.10241	0.145676	0.689367	-1.45051	0.162727	0.703512	-1.42149	0.834526	0.910191	-1.09851	0.760287	0.93305	-1.07175	0.775517	0.934857	-1.06968	0.806904	0.943882	-1.05965	0.636615	0.544874	0.668846	1
cg09137036	GSDMD	0.74342	0.490581	1.53634	1.86441	0.82119	1.2231	1.2231	0.237028	3.01041	3.01041	0.882423	1.14072	1.14072	0.288414	0.975149	-2.56561	0.392899	0.459046	-2.17843	0.560612	0.592462	-1.68787	0.945408	1.06281	1.06281	0.506747	1.82073	1.82073	0.635731	7.96819	11.1412	1
cg17004373	GNL2	0.743453	0.650863	1.17495	1.17495	0.975748	0.989301	-1.01082	0.404981	1.34873	1.34873	0.447246	1.31537	1.31537	0.63546	0.844149	-1.18463	0.872453	0.94473	-1.0585	0.199238	0.683502	-1.61799	0.733884	1.12835	1.12835	0.288009	1.47751	1.47751	0.635885	1.26075	1.76202	1
cg17483198	TRIM2	0.743454	0.74054	0.907553	-1.24015	0.332857	0.722457	-1.22457	0.226156	1.27653	1.27653	0.277063	1.24877	1.24877	0.791589	1.25136	1.25136	0.168994	0.289158	-3.45832	0.006205	0.855443	1.88895	1.12537	0.742916	1.2376	1.2376	0.938267	0.951071	-1.05145	0.295457	0.495252	-2.01918	0.635683	4.23223	5.90543	1
cg27532955	TRPC1	0.743459	0.901631	1.07769	1.07769	0.188711	0.358893	-2.78635	0.448614	1.59557	1.59557	0.511192	1.4966	1.4966	0.970993	0.978239	-1.02225	0.763381	0.833034	-1.20043	0.464887	0.637601	-1.56838	0.81602	0.868473	-1.15145	0.611951	1.36279	1.36279	0.635677	3.68582	5.15401	1
cg07182795	ACAT2	0.743474	0.805935	1.05689	1.05689	0.379911	1.26015	1.26015	0.221099	1.40861	1.40861	0.362789	1.28353	1.28353	0.642345	0.882627	-1.13288	0.245513	1.38284	1.38284	0.697896	1.10971	1.10971	0.913453	1.32078	1.32078	0.36785	1.27999	1.27999	0.635658	0.716895	1.00262	1
cg13176738	TATDN2	0.743474	0.32232	0.705584	-1.29779	0.600646	1.14612	1.14612	0.633734	1.13016	1.13016	0.238146	0.729815	-1.37021	0.863936	0.958902	-1.04286	0.574685	0.865432	-1.15549	0.779792	0.931046	-1.07406	0.661146	0.893656	-1.119	0.728166	1.33302	1.33302	0.635655	0.654141	0.91474	1
cg01145653	C4ALA	0.74349	0.494084	0.646186	-1.54754	0.66453	1.3157	1.3157	0.804442	1.16883	1.16883	0.675534	0.767432	-1.30305	0.300232	0.509138	-1.9641	0.566715	0.694791	-1.43928	0.0953501	0.315935	-3.16521	0.726358	0.801763	-1.24725	0.936405	0.951059	-1.05146	0.635621	3.98054	5.56661	1
cg15007803	WDR75	0.743505	0.368989	0.761009	-1.31404	0.947956	1.1052	1.1052	0.188745	1.51009	1.51009	0.289909	0.722431	-1.38422	0.572205	0.844561	-1.18405	0.654283	1.14273	1.14273	0.785647	0.922478	-1.08404	0.764142	0.914782	-1.09316	0.571172	0.844169	-1.1846	0.635612	0.881989	1.23344	1
cg26100003	SPTB;SPTB	0.743513	0.337653	1.38554	1.38554	0.309437	0.72275	-1.38437	0.183515	0.89524	-2.53011	0.320503	0.396848	-2.52004	0.384732	0.554161	-1.81053	0.449455	0.192207	-5.20122	0.412531	0.446445	-2.24004	0.38184	0.2618	-3.82018	0.556501	0.44045	-2.27048	0.635601	0.440405	0.579546	1
cg02525083	GPR173	0.743517	0.752358	1.48994	1.48994	0.593527	0.50732	-1.97114	0.513659	0.434154	-2.30333	0.996553	0.994573	-1.00546	0.807719	0.735551	1.35953	0.605592	0.518846	-1.92735	0.39223	0.31656	3.01656	0.097602	0.103307	-9.87098	0.863385	0.804979	-1.24227	0.635596	15.9726	22.3378	1
cg14546414	ARNT2	0.743548	0.932174	1.04992	1.04992	0.697496	0.7907	-1.25047	0.672533	0.784056	-1.27542	0.49071	1.49269	1.49269	0.435236	0.628263	-1.59169	0.761253	0.839979	-1.19051	0.592277	1.36252	1.36252	0.117223	2.64777	2.64777	0.659597	1.28872	1.28872	0.635552	3.29595	4.60975	1
cg13504346	MAD2L1;MAD1L1;MAD1L1	0.743557	0.950205	0.478281	-2.09082	0.247905	0.93907	-1.07033	0.79346	1.24877	1.24877	0.791589	1.25136	1.25136	0.168994	0.289158	-3.45832	0.802613	1.10916	1.10916	0.391973	0.475888	-2.10133	0.395096	0.478333	-2.02806	0.695539	0.71582	-1.39702	0.635682	0.710023	0.858458	1
cg26979143	SCARNA16;C17orf86	0.743558	0.236182	1.3888	1.3888	0.171487	0.680309	-1.46992	0.687196	1.11305	1.11305	0.938918	1.02049	1.02049	0.754904	1.08639	1.08639	0.597661	0.868556	-1.15134	0.886677	0.962973	-1.03845	0.613898	0.874058	-1.14409	0.516022	0.840086	-1.19035	0.635539	0.704699	0.98562	1
cg12449685	RDBD4	0.743563	0.33515	0.671121	-1.47249	0.968906	1.05329	1.05329	0.221039	1.40861	1.40861	0.362789	1.28353	1.28353	0.642345	0.882627	-1.13288	0.245513	1.38284	1.38284	0.697896	1.10971	1.10971	0.913453	1.32078	1.32078	0.36785	1.27999	1.27999	0.635658	0.716895	1.00262	1
cg04169908	C12orf47;MAPKAPK5;MAPKAPK5	0.743594	0.506401	1.16194	1.16194	0.472474	1.17668	1.17668	0.141828	1.4214	1.4214	0.458463	1.10411	1.10411	0.276699	1.28645	1.28645	0.781778	0.940051	-1.06377	0.484553	1.17133	1.17133	0.902071	1.26814	1.26814	0.825606	1.952058	1.05036	0.635488	0.498855	0.697774	1
cg24830471	PXFYVE;PXFYVE	0.743594	0.692663	0.938762	-1.06523	0.716531	0.943643	-1.05972	0.583555	0.915698	-1.09206	0.798169	1.04161	1.04161	0.432534	1.13589	1.13589	0.948264	1.01038	1.01038	0.113416	0.760309	-1.31525	0.507356	0.895529	-1.11293	0.568593	1.096	1.096	0.635488	0.254691	0.35625	1
cg13115518	BRCC3;BRCC3;BRCC3;MTCP1;MTCP1NB	0.743614	0.3287	0.226436	-4.41626	0.517047	0.73993	-1.35172	0.165192	0.765071	7.52903	0.862542	0.776465	-1.29068	0.776465	-1.29068	0.776465	-1.29068

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(123T vs. N)	Fold-Change(123T vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error)
cg04148805	ANKRD11	0.744407	0.61552	1.20321	0.20321	1.22762	0.58836	1.58836	0.872382	0.942268	-1.06014	0.412093	0.756103	-1.3585	0.458304	0.758886	-1.31772	0.772496	0.089509	-1.11172	0.490702	1.29143	1.29143	0.527306	1.26363	1.26363	0.417763	-1.35327	0.634278	1.34079	1.879	1
cg08738430	ZF36L2	0.744475	0.889234	0.868566	-1.15132	?	?	?	0.725905	1.442757	1.442757	0.404719	0.421035	-2.3751	0.263835	0.305679	3.2714	0.622824	1.6518	1.6518	0.975702	1.03127	1.03127	1.183629	0.237061	-4.21832	0.968126	1.04123	1.04123	0.615998	8.67906	12.3282	1
cg17038416	MTX1;THBS3;MTX1	0.744494	0.844708	1.06305	1.06305	0.239459	0.681095	-1.46822	0.509357	0.811651	-1.23206	0.184837	1.55032	1.55032	0.741056	0.901775	-1.10892	0.829894	0.935123	-1.06938	0.745017	1.1071	1.1071	0.842984	0.940043	-1.06378	0.469211	1.25806	1.25806	0.634226	0.976362	1.3684	1
cg21755933	PITPNM1;PITPNM1	0.744494	0.705171	1.26865	1.26865	0.307589	1.93706	1.93706	0.891756	1.08897	1.08897	0.883833	1.09584	1.09584	0.244006	0.466269	-2.1448	0.436627	1.64343	1.64343	0.336026	1.85851	1.85851	0.372629	1.77356	1.77356	0.790951	0.846783	-1.18094	0.634226	3.936309	5.516168	1
cg06521544	ARHGEF3	0.744508	0.307687	0.656884	-1.52234	0.326713	1.49627	1.49627	0.139051	1.88458	1.88458	0.870638	1.01476	1.01476	0.780375	0.894717	-1.11767	0.784066	1.11552	1.11552	0.757949	1.13091	1.13091	0.701831	1.16544	1.16544	0.912171	0.957037	-1.04089	0.634207	1.59101	2.22992	1
cg00008665	C5orf39	0.744552	0.4655	0.677917	-1.47531	0.609798	0.763841	-1.30917	0.360996	1.63472	1.63472	0.966224	0.978082	-1.02241	0.356779	0.689932	-1.64222	0.392018	0.631935	-1.58244	0.331662	0.550031	-1.6891	0.296097	0.567209	-1.76302	0.719151	1.20803	1.20803	0.43419	2.75132	3.85628	1
cg19935671	GOLGB1	0.744554	0.892443	1.02556	1.02556	0.868911	0.969658	-1.03129	0.945708	0.987377	-1.01278	0.695619	1.0761	1.0761	0.300277	0.818544	-1.22168	0.648059	0.917844	-1.08951	0.722011	1.06891	1.06891	0.266928	1.24079	1.24079	0.18791	1.29731	1.29731	0.634162	0.349484	0.489863	1
cg26870093	AFG3L1	0.744544	0.541233	0.648428	-1.46321	0.302067	1.93738	1.93738	0.731354	1.23954	1.23954	0.589188	0.713739	-1.40207	0.494338	0.609072	-1.51616	0.700786	1.26976	1.26976	0.759622	1.41457	1.41457	0.825593	0.972095	-1.14627	0.565144	0.697892	-1.43289	0.634156	3.842933	5.38659	1
cg07441775	MYCBP2	0.744556	0.954778	0.991937	-1.00845	0.912945	1.20242	1.20242	0.746698	1.04735	1.04735	0.900715	0.982341	-1.01798	0.168225	1.23321	1.23321	0.552638	1.08954	1.08954	0.539841	0.915171	-1.09268	0.589059	0.925099	-1.08096	0.591016	1.08051	1.08051	0.614034	0.204661	0.286878	1
cg07383186	RPL36A	0.744563	0.347223	0.277404	-3.60485	0.796719	0.710359	-1.40774	0.649422	0.545375	-1.8336	0.424513	2.94619	2.94619	0.312623	3.98971	3.98971	0.208588	0.172698	-5.79044	0.771276	0.679653	-1.47134	0.881648	1.21819	1.21819	0.816336	1.36101	1.36101	0.63413	17.627	24.7086	1
cg07276007	AP2A2	0.744571	0.726333	0.798814	-1.25186	0.197287	2.38095	2.38095	0.168121	2.5573	2.5573	0.897309	1.08604	1.08604	0.323159	1.925	1.925	0.795629	1.18048	1.18048	0.972771	1.02206	1.02206	0.793148	0.84536	-1.18293	0.748661	0.814106	1.22834	0.634118	4.103889	5.75273	1
cg10728452	IGSF9B	0.744588	0.817426	0.887888	-1.12627	0.146207	2.23022	2.23022	0.212601	1.96415	1.96415	0.794751	0.87055	-1.1487	0.81199	0.884679	-1.13035	0.389944	1.57305	1.57305	0.539856	1.37595	1.37595	0.8713	0.920008	-1.08695	0.908199	1.06111	1.06111	0.634094	2.65548	3.72252	1
cg05296099	GPR133	0.744629	0.501709	1.34626	1.34626	0.428027	1.24328	1.24328	0.431868	1.4188	1.4188	0.726677	0.858072	-1.1654	0.218888	0.629922	-1.75701	0.856545	1.08213	1.08213	0.458873	1.41111	1.41111	0.539459	1.31939	1.31939	0.398543	1.45791	1.45791	0.634036	1.9104	2.62783	1
cg26618415	LOC440356;LOC440356;CDIPT	0.744644	0.96543	1.00986	1.00986	0.178724	0.723678	-1.38183	0.347274	1.24494	1.24494	0.918663	0.977141	-1.02339	0.439351	1.19548	1.19548	0.81576	0.948534	-1.05426	0.89149	0.969573	-1.03138	0.487275	1.1324	1.1324	0.431859	0.833933	-1.19934	0.634016	0.514608	0.721479	1
cg15399926	OCA2;LOC100133315;RNF121;RNF121;RNF12	0.744665	0.72315	0.898316	-1.11243	0.376253	1.31257	1.31257	0.907784	0.965886	-1.03532	0.320185	0.735149	-1.36027	0.661273	0.876282	-1.14119	0.883521	1.04489	1.04489	0.546425	1.59511	1.59511	0.897371	0.962084	-1.03941	0.659676	1.14195	1.14195	0.634008	0.900931	1.26312	1
cg17161695	1	0.744657	0.546264	0.880187	-1.13612	0.455013	0.852961	-1.17239	0.357527	1.21868	1.21868	0.499356	1.1541	1.1541	0.541562	1.13787	1.13787	0.648521	0.908541	-1.10067	0.598825	0.894979	-1.11734	0.611818	1.11289	1.11289	0.23928	1.29378	1.29378	0.633998	0.438619	0.61496	1
cg03495773	TAC92	0.744658	0.500943	0.779266	-1.28345	0.735287	1.13849	1.13849	0.8259	0.919246	-1.08785	0.643305	0.85674	-1.16511	0.677838	0.852343	-1.17313	0.82649	0.91553	-1.08753	0.585159	1.23455	1.23455	0.994894	0.995497	-1.00787	0.604865	1.44537	0.633996	1.46693	2.05669	1
cg00480161	SCGB3A1	0.744661	0.633144	0.830634	1.20309	0.469655	0.752873	-1.32824	0.731724	0.875639	-1.14202	0.458429	0.947256	-1.33823	0.203708	0.826284	-1.21024	0.328422	0.677553	-1.4759	0.085785	0.480313	-2.08198	0.342906	0.685869	-1.458	0.420876	0.728148	-1.37335	0.633993	1.49528	2.09646	1
cg14980177	SHH	0.744679	0.758068	0.806078	-1.24057	0.763373	0.810041	-1.23451	0.530905	1.55721	1.55721	0.653366	1.37083	1.37083	0.829853	1.16201	1.16201	0.794235	0.833288	-1.20007	0.445262	1.72106	1.72106	0.798629	1.19528	1.19528	0.09988402	0.284199	-3.51866	0.633967	4.88822	6.85381	1
cg26578373	PHKA2;PIN4;PIN4	0.744685	0.477788	0.849177	-1.20357	0.702957	1.17478	1.17478	0.931392	0.933944	-1.08773	0.5745	1.7402	1.7402	0.309651	1.44088	1.44088	?	?	?	0.980805	0.976778	1.02206	1.02206	0.793148	0.84536	-1.18293	0.748661	0.814106	1.22834	0.634118	4.103889	5.75273	1
cg26015888	HSPC157;HSPC157	0.744685	0.825527	0.960655	-1.04096	0.511445	1.12872	1.12872	0.240908	1.25008	1.25008	0.970388	1.00478	1.00478	0.373877	1.18052	1.18052	0.214808	0.788664	-1.26797	0.820711	0.959569	-1.04213	0.528697	1.12305	1.12305	0.915573	1.01947	1.01947	0.634058	0.331897	0.465362	1
cg25087423	CXCR5	0.744688	0.406361	1.03343	1.03343	0.26588	1.22707	1.22707	0.144888	1.21701	1.21701	0.504888	0.579224	-1.72606	0.015548	0.602014	-1.66044	0.863055	1.08154	1.08154	0.615187	0.834973	1.19783	0.324121	-3.08527	0.778391	1.28491	0.470944	-2.12341	0.624227	0.671362	-1.48955	0.633992	1.19541	1.64535	1
cg01581222	C19orf38	0.7447	0.778682	0.810269	-1.23416	0.385196	1.9441	1.9441	0.687659	0.739492	-1.35228	0.489398	0.591929	-1.68939	0.141144	0.306731	3.26019	0.919417	1.07849	1.07849	0.354731	0.494251	-2.02326	0.972296	0.974401	-1.02627	0.418114	0.539102	1.85494	0.633937	5.59844	7.84998	1
cg09423066	C15orf27	0.744701	0.916048	1.0133	1.0133	0.300916	0.874358	-1.1437	0.12088	0.810059	-1.23454	0.794277	0.967796	-1.03328	0.749567	1.04093	1.04093	0.66298	1.05646	1.05646	0.538117	0.924886	-1.08121	0.357324	0.88818	-1.1259	0.853432	0.977101	-1.02344	0.633936	0.157537	0.220894	1
cg04094723	TGB4;ITGB4	0.744704	0.827544	0.873132	1.14486	0.979033	0.983553	-1.01672	0.805668	0.855563	-1.16882	0.919355	0.950335	-1.05226	0.644556	1.16763	1.16763	0.889555	1.03643	-1.36357	0.774007	0.91985	1.19985	0.532045	1.49268	1.49268	0.717452	1.2586	1.2586	0.633932	4.02128	5.63857	1
cg17710576	FSTL3	0.744722	0.495064	0.843059	-1.18616	0.294081	1.30757	1.30757	0.59543	1.14117	1.14117	0.64002	0.890415	-1.12307	0.364744	1.25797	1.25797	0.510738	0.848414	-1.17867	0.383679	0.802425	-1.24622	0.50477	0.846384	-1.1815	0.755503	1.08001	1.08001	0.633907	0.609622	0.854836	1
cg09330464	GRIS;GRIS	0.744734	0.916861	0.984562	-1.03115	0.834005	1.14775	1.14775	0.561335	1.56138	1.56138	0.946108	0.980235	-1.01703	0.882795	0.972034	-1.02859	0.76565	0.915795	-1.09193	0.593119	0.852764	-1.17266	0.662894	1.07203	-1.05259	0.614435	1.28078	1.28078	0.633889	0.875524	1.22773	1
cg18764478	SPATA6;FGFR1;FGFR1;FGFR1;FGFR1;FGF	0.744734	0.302377	0.63114	0.53114	0.485212	0.342158	-2.92263	0.763487	0.63359	-1.57831	0.250005	0.162371	-6.15873	0.608874	2.18238	2.18238	0.558764	2.44517	2.44517	0.836273	0.7313	-1.36743	0.628988	0.708801	2.08011	0.377456	1.9333	1.9333	0.633881	22.9572	32.1928	1
cg27653103	R1;FGFR1	0.744759	0.715534	1.37021	1.37021	0.114617	4.37825	4.37825	0.165585	3.57011	3.57011	0.836911	1.19408	1.19408	0.973912	0.972252	-1.02854	0.828648	0.829835	-1.20506	0.831578	1.20115	1.20115	0.772163	0.778926	-1.28382	0.989649	1.01123	1.01123	0.633855	7.43429	10.4255	1
cg26379622	ITPR1;ITPR1;ITPR1	0.744776	0.937466	1.01477	1.01477	0.964708	0.991764	-1.0083	0.404184	1.17298	1.17298	0.938507	0.985682	-1.01453	0.663687	1.08522	1.08522	0.09591158	0.710487	-1.40749	0.905796	0.978114	-1.02238	0.473934	1.14583	1.14583	0.976922	1.00542	1.00542	0.633831	0.350729	0.491865	1
cg04534435	UCKL1AS;UCKL1;PNP5-12B	0.744792	0.812144	0.870384	1.14906	0.701383	1.12017	1.12017	0.341748	1.43535	1.43535	0.734181	1.3056	1.3056	0.178534	1.52349	1.52349	0.402828	1.42732	1.42732	0.577567	0.788245	-1.26703	0.945806	1.029	1.029	0.927379	0.962378	-1.03909	0.633806	1.77632	2.49121	1
cg11122493	MXRA7;MXRA7;MXRA7	0.744794	0.947681	0.972772	-1.02799	0.570354	0.785628	-1.27287	0.284435	1.5964	1.5964	0.166073	0.537261	-1.86129	0.835784	1.09124	1.09124	0.40828	1.42732	1.42732	0.577567	0.788245	-1.26703	0.945826	1.029	1.029	0.927379	0.962378	-1.03909	0.633806	1.77632	2.49121	1
cg03535417	TSPY4;FAM197Y2	0.744796	0.272804	0.47974	0.47974	0.616509	1.94136	1.94136	0.895221	1.88841	1.88841	0.31816	0.257793	-3.87908	0.390173	0.314467	-1.17898	0.444208	2.78658	2.78658	0.413711	2.9973	2.9973	0.775573	1.45578	1.45578	0.720001	0.623182	-1.60467	0.633803	17.3274	24.3011	1
cg26153805	RCOR3;RCOR3;RCOR3;RCOR3	0.744881	0.426269	1.07144	1.07144	0.18615	2.16788	2.16788	0.167316	0.347702	1.1148	0.698013	1.15544	1.15544	0.512407	1.22707	1.22707	0.268813	0.731323	1.36565	0.503872	0.938072	1.07852	1.07852	0.92471	1.36565	0.36781	0.989178	0.996204	-1.00381	0.633781	0.784935	1.1072	1
cg15434590	MDM2;MDM2;MDM2	0.744817	0.267119	1.25785	1.25785	0.190376	1.31675	1.31675	0.479205	1.15343	1.15343	0.839771	0.960626	-1.04099	0.617967	1.10492	1.10492	0.225502	1.28734	1.28734	0.606752	1.10852	1.10852	0.334809	1.21819	1.21819	0.389582	1.19119	1.19119	0.633773	0.395215	0.554303	1
cg26923045	RNA819	0.744819	0.919875	0.956694	-1.04527	0.3217	1.56903	1.56903	0.282052	1.63538	1.63538	0.977234	0.987523	-1.01263	0.196477	0.548306	-1.8238	0.578123	0.780993	-1.28042	0.73507	1.16119	1.16119	0.858779	0.924627	-1.08152	0.666573	0.826358	-1.21013	0.63377	1.94328	2.72553	1
cg24394624	PTPN14;ARID1B;ARID1B;ARID1B;ARID1B;ARID1	0.744821	0.394584	0.557241	-1.79456	0.361764	0.533296	-1.87513	0.44638	1.68288	1.68288	0.553183	1.49524	1.49524	0.257766	0.45295	-2.20775	0.524985	0.649212	-1.54033	0.419435	0.575086	-1.73887	0.566266	0.677863	-1.47522	0.821406	1.16373	1.16373	0.633768	4.51417	6.33133	1
cg06634471	B;ARID1B	0.744825	0.418763	0.752108	-1.3296	0.669782	1.15941	1.15941	0.388399	1.35636	1.35636	0.335625	1.40824	1.40824	0.39576	1.34966	1.34966	0.613323	1.19208	1.19208	0.159929	1.67821	1.67821	0.85809	1.16956	1.16956	0.576623	1.21532	1.21532	0.633762	1.19331	1.67368	1
cg10771931	WTIP	0.744828	0.402008	0.746259	-1.34006	0.270597	1.61435	1.61435	0.180402	1.43535	1.43535	0.374181	1.3056	1.3056	0.178534	1.52349	1.52349	0.110565	1.51844	1.51844	0.144524	1.07376	1.07376	0.862483	0.853695	1.17192	0.953609	-1.04865	0.633759	1.49459	1.74212	2.37532	1
cg00187692	WDFY2	0.744835	0.159459	0.214666	-4.65839	0.635751	0.613666	-1.62955	0.906301	1.12807	1.12807	0.949401	0.937116	-1.0671	0.150685	0.206725	-4.83733	0.739194	0.710391	-1.40768	0.422465	0.432333	-2.31303	0.331922	0.358997	-2.78554	0.642662	0.619902	-1.61316	0.633749	10.5129	14.7453	1
cg15766120	C21orf59;C22orf9;MIR1249	0.744839	0.373397	0.724474	2.36524	0.713876	0.434529	-2.31055	0.677343	0.746585	-1.33955	0.261184	0.600931	1.66429	0.446625	2.08562	2.08562	0.284681	2.86692	2.86692	0.29137	3.25955	3.25955	0.379729	2.84669	2.84669	0.294402	0.657565	1.52917	1.52917	0.633747	0.959723	1.27098	1
cg25111284	LRIG1	0.744849	0.235296	0.27272	-3.66674	0.668794	1.56759	1.56759	0.775706	0.74769	-1.34769	0.944925	0.930376	-1.07483	0.146824	0.196613	-5.08614	0.842507	1.23096	1.23096	0.63533	1.21081	1.21081	0.604171	1.65516	1.65516	0.180102	0.600017	-2.00474	0.633729	0.91515	1.3083	1
cg08597682	OPALIN;OPALIN;OPALIN	0.74486	0.611852	1.58424	1.58424	0.916194	1.09927	1.09927	0.269762	0.355827	-2.83035	0.567166	1.68214	1.68214	0.917875	1.09717	1.09717	0.296542	2.64631	2.64631	0.311498	2.56371	2.56371	0.591909	1.62671	1.62671	0.297227	2.6424	2.6424	0.633713	8.11408	11.3813	1
cg08668676	C10orf32;C10orf32	0.744853	0.958864	1.03186	1.03186	0.553092	0.618183	-1.62031	0.572585	1.14707	1.14707	0.944664	0.979858	-1.02101	0.113355	1.6921	1.6921	0.579534	1.18631	1.18631	0.941819	1.06919	1.06919	0.684823	0.882876	-1.13266	0.720896	1.15173	1.15173	0.63707	0.935286	1.3191	1
cg09823859	SUTRK5	0.744881	0.291796	1.99852	1.99852	0.330301	1.88874	1.88874	0.558423	1.45443	1.45443	0.359333	1.81595	1.81595	0.487827	1.56233	1.56233	0.462206	1.60603	1.60603	0.146169	2.68454	2.68454	0.278858	2.03955	2.03955	0.380866	1.75067	1.75067	0.633684	4.0216	5.64123	1
cg19738950	ADAR2	0.744887	0.938508	0.950211	-1.05254	0.415126	1.62489	1.62489	0.278011	1.95301	1.95301	0.905863	0.933377	-1.07138	0.211779	0.464586	-2.15245	0.829286	0.847155	-1.1341	0.939879	1.66356	1.66356	0.618292	0.704209	-1.34011	0.859324	1.11173	1.11173	0.633675	4.3496	6.34242	1
cg02141388	SIM2;SIM2	0.744891	0.777368	1.05926	1.05926	0.737767	0.899899	-1.11124	0.479358	0.914232	-1.09354	0.29594	1.65412	1.65412	0.611216	1.17458	1.17458	0.861321	1.05642	1.05642	0.754866	0.855412	1.18662	1.18662	0.915345	1.02613	1.02613	0.968314	1.03644	1.03644	0.633644	0.988731	1.38701	1
cg26657090	C7orf46;C7orf46;C7orf46	0.744918	0.151763	1.5114	1.5114	0.737714	1.09661	1.09661	0.952699	0.984172	-1.01618	0.946738	1.01813	1.01813	0.253139	1.37853	1.37853	0.896066	0.965458	-1.03578	0.80431	1.06905	1.06905	0.321917	1.31683	1.31683	0.494827	0.829905	-1.20496	0.633613	0.725966	1.01842	1
cg08095183	ANO1;ANO1	0.744927	0.392047	0.740247	-1.35107	0.295852	1.70852	1.70852	0.248501	0.895562	-1.11662	0.720536	1.24285	1.24285	0.80614	1.10492	1.10492	0.60356	1.09946	1.09946	0.571012	1.1909	1.1909	0.847497	0.982129	-1.0182	0.83662	1.09722	1.09722	0.633602	0.464156	0.64156	1
cg07206001	ULBP2	0.744931	0.904679	0.982133	-1.01819	0.535348	1.09907	1.09907	0.167499	1.24783	1.24783	0.908919	0.982925	-1.01737	0.301584	0.851237	-1.17476	0.523732	1.10213	1.10213	0.853889	0.972639	-1.02813	0.652873	0.934136	-1.07051	0.459241	1.12008	1.12008	0.633614	0.227258	0.318817	1
cg25607712	FBY	0.744958	0.928923	1.01652	1.01652	0.939282	1.10409	1.10409	0.697943	0.900381	-1.11064	0.807389	0.974436	-1.02636	0.577764	0.900381	-1.11064	0.274869	1.12319	1.12319	0.902763	1.00167	1.00167	0.982119	1.04049	1.04049	0.814485	1.04436	1.04436	0.633576	0.338419	0.474792	1
cg01334682	FLJ22536	0.744966	0.436424	0.94304	1.94304	0.894241	0.894689	-1.11771	0.204522	0.36533	0.36533	0.706457	0.728669	-1.37237	0.716578	1.35667	1.35667	0.82665	0.832351	-1.20142	0.799724	0.808403	-1.23701	0.624152	0.82864	1.20786	0.828465	0.784861	1.23297	0.633564	0.72374	0.985428	1
cg23018891	BCAS3	0.744969	0.285025	1.20136	1.20136	0.814943	0.962007	-1.03949	0.600815	1.09113	1.09113	0.983959	0.996684	-1.00333	0.952649	0.990238	-1.00986	0.427274	1.14328	1.14328	0.197398	0.798433	-1.25245	0.406798	1.15049	1.15049	0.605645	1.08985	1.08985	0.633561	0.27385	0.384213	1
cg14968844	ARHGEF10	0.744972	0.353329	0.751384	-1.33104	0.553092	0.61831	-1.61783	0.26403	0.970808	1.03138	0.634663	1.14425	1.14425	0.0723317	-1.82522	0.565906	0.5728	1.5728	1.5728	0.0412	1.54528	1.54528	0.0603	1.47918	1.47918	0.065579	1.47838	1.47838	0.633553	0.898872	1.26113	1
cg07744562	CASP8AP2;CASP8AP2;CASP8AP2	0.744987	0.622092	0.964108	-1.05696	0.338844	0.891161	-1.11593	0.842927	1.02237	1.02237	0.648899	0.950171	-1.05244	0.573428	1.06549	1.06549	0.982637	1.00243	1.00243	0.322341	0.892262	-1.12075	0.201442	1.16233	1.16233	0.608161	0.943968	-1.05936	0.633576	0.124757	0.175042	1
cg26903544	CDK18;CDK18;CDK18	0.744991	0.773954	1.0211	1.0211	0.748994	1.00453	1.00453	0.963824	1.00221	1.00221	0.976585	0.992411	-1.00784	0.887699	-1.11353	0.881597	1.16108	1.16108	1.16108	0.0158	1.84814	1.84814	?	?	?	0.359754	0.180236	-2.56933	?	0.633705	0.01366	?	1
cg19720914	IRF2BP2;IRF2BP2	0.744994	0.882602	1.02169	1.02169	0.981477	0.996634	-1.00338	0.170819	1.23589	1.23589	0.936199	0.988441	-1.01169	0.978529	1.00392	1.00392	0.155128	1.801766	-1.24725	0.635276	0.932965	-1.07185	0.946891	0.990373	-1.00972	0.731212	1.05135	1.05135	0.633526	2.211599	0.296891	1
cg14520785	C6orf1;C6orf1;C6orf1	0.744994	0.95382	0.986541	-1.01364	0.635136	1.11834	1.11834	0.802889	1.06026	1.06026	0.649417	1.11302	1.11302	0.266571	1.13106	1.13106	0.258352	1.31778	1.31778	0.231793	0.754697	-1.34103	0.75284	0.928749	-1.07672	0.637528	1.11744	1.11744	0.633525	0.549291	0.770702	1
cg03851793	BRP44L	0.745004	0.681464	0.80479	-1.24239	0.556282	0.844501	-1.18357	0.736651	0.933888	-1.07079	0.588969	0.842142	-1.18718	0.370081	1.24187	1.24187	0.742521	0.802252	-1.24636	0.449664	0.86586	1.04359	1.04359	1.35478	1.35478	0.952688	0.885137	1.12966	1.12966	0.633486	0.896711	1
cg03517252	MOBK3;MOBK3;MOBK3	0.745012	0.550079	0.853186	-1.17208	0.637337	1.13279	1.13279	0.0890209	1.63637	1.63637	0.732156	0.913738	-1.09441	0.745966	1.0891	1.0891	0.777638	0.928355	-1.07717	0.927488	1.02419	1.02419	0.526192	0.844812	-1.1837	0.890979	0.96463	-1.03667	0.6355	0.69177	0.970649	1
cg07183495	BCL2L12;HIF1;BCL2L12	0.74503	0.907277	0.960975	-1.04092	0.50282	1.13286	1.13286	0.678719	0.58933	1.58933	?	?	?	0.885246	1.17411	1.17411	0.174869	5.00343	5.00343	?	?	?	0.535671	0.609011	1.64846	1
cg11640773	NDRG;NDRG4;NDRG4	0.745035	0.923843	0.93807	1.07567	0.960351	-1.04129	0.497688	1.30871	1.30871	0.915123	0.94254	1.04254	0.146587	1.8384	1.8384	0.93143	0.958394	1.08243	1.08243	0.623128	-1.60481	0.715158	0.864913	-1.15619	0.553209	1.26415	1.26415	0.633469	1.53209	2.14984	1
cg16546017	XYLT1	0.745037	0.405956	0.562284	-1.77846	0.225725	0.422516	-2.36677	0.882696	1.10515	1.10515	0.900173	0.9867	1.0887	0.603289	0.701144	-1.42624	0.427274	1.14328	1.14328	0.197398	0.798433	-1.25245	0.406798	1.15049	1.15049	0.605645	1.08985	1.08985	0.633561	0.27385	0.384213	1
cg12076945	RAP1B;RAP1B	0.745046	0.599033	1.886184	1.886184	0.454013	1.64023	1.64023	0.917808	1.03138	1.03138	0.654663

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ajp20032934	ATR	0.745801	0.550918	1.48201	1.445251	0.690469	1.25454	-1.25454	0.686058	0.7943157	1.25888	0.534908	1.42822	1.42822	0.475804	1.50911	1.50911	?	?	?	0.181521	0.565602	1.76803	0.341758	1.7456	1.7456	0.35144	1.72504	0.614068	2.71194	3.86431
ajp20309358	ZWILCH;SNORD18A;RPL4;ZWILCH	0.745805	0.75627	0.880135	-1.13619	0.677466	1.18712	1.18712	0.961481	0.980380	-1.02	0.845931	0.92332	-1.08305	0.256339	1.625611	1.62561	0.384487	0.693733	-1.44148	0.367859	0.684324	-1.4613	0.336964	1.50077	1.50077	0.480397	1.34201	1.34201	0.43239	1.68439	2.36758	1
ajp20239850	ASAP1;ASAP1	0.745814	0.27827	0.626007	-1.59743	0.673397	0.836512	-1.19259	0.286892	0.631639	-1.58318	0.611369	0.808243	-1.23725	0.848366	0.923553	-1.08277	0.382495	1.45076	1.45076	0.307825	0.644965	-1.55047	0.597188	1.24803	1.24803	0.810592	1.1049	1.1049	0.623276	1.72873	2.42996	1
ajp20758937	AFF3;AFF3	0.745852	0.953117	1.03514	1.03514	0.389735	0.595885	-1.67818	0.877119	1.09515	1.09515	0.538559	0.693678	-1.44159	0.594454	1.729328	-1.37112	0.731993	1.817096	-1.22325	0.129134	2.62005	2.62005	0.526352	1.45804	1.45804	0.726572	1.22902	1.22902	0.632324	3.4552	4.85715	1
ajp16733676	SLC25A24;SLC25A24	0.745855	0.28555	0.21504	-4.6503	0.224867	5.84997	5.84997	0.593012	0.497352	-2.11183	0.45865	0.351474	-2.84516	0.724726	0.612677	-1.63218	0.585723	0.46644	-2.1439	0.709954	0.55911	-1.67811	0.40384	0.306159	-3.26628	0.635123	1.93941	1.93941	0.314232	19.2283	27.0304	1
ajp40028450	LOXL2	0.745875	0.282505	0.472949	-2.11439	0.787497	1.1986	1.1986	0.99681	0.997323	-1.00268	0.435438	0.586536	-1.70453	0.0901958	0.289351	-3.49735	0.576872	0.685272	-1.45927	0.541753	0.662299	-1.50989	0.707073	0.776377	-1.28803	0.936056	0.947623	-1.05527	0.632292	4.50185	6.3288	1
ajp10191248	INPP5A	0.745886	0.177709	0.679597	-1.47146	0.46661	0.818916	-1.22113	0.600482	0.86719	-1.15315	0.992375	0.792389	-1.26201	0.601676	0.867602	-1.1526	0.742349	0.914882	-1.09304	0.40437	0.79447	-1.2587	0.130323	0.643461	-1.55366	0.947875	1.01779	1.01779	0.632276	0.728193	1.02373	1
ajp17964955	RBP3;RBP3	0.745886	0.457386	0.557652	-1.79323	0.169793	3.09098	3.09098	0.981492	0.982202	-1.01812	0.616642	0.677397	-1.47624	0.650747	0.703487	-1.42149	0.768539	1.25575	1.25575	0.50514	0.593708	-1.68433	0.394916	0.471251	-2.12201	0.515405	0.601115	-1.663358	0.632275	5.96333	8.38359	1
ajp16814786	NCOA4;NCOA4;NCOA4;NCOA4;NCOA4	0.745888	0.932456	0.940065	-1.06376	0.631051	0.702715	-1.42305	0.519751	0.621395	-1.60928	0.893739	1.10235	1.10235	0.677186	1.35697	1.35697	0.627048	0.699765	-1.42905	0.532191	0.630446	-1.58618	0.0996796	3.72698	3.72698	0.810163	0.839067	-1.1918	0.632272	5.32347	7.48408	1
ajp26393977	DRUN2	0.745893	0.227773	0.418977	-2.38676	0.601552	0.692626	-1.45425	0.234048	0.424353	-2.35653	0.777086	0.822805	-1.21537	0.354326	0.444197	-2.25567	0.330071	0.50127	-1.99493	0.247065	0.435854	-2.29435	0.980647	1.01209	1.01209	0.877919	0.899766	-1.1114	0.632265	4.72783	6.64675	1
ajp10651250	TNXB	0.745898	0.329396	0.487044	-2.05732	0.657003	0.726575	-1.37632	0.605322	0.145146	1.45146	0.83516	0.884279	-1.13087	0.370332	0.518148	-1.92995	0.230663	0.407093	-2.45684	0.285067	0.452219	-2.21132	0.343272	0.497683	-2.00931	0.751888	1.25443	1.25443	0.632259	5.11497	7.19111	1
ajp08546856	APOBEC4;RGL1	0.745903	0.560092	1.13416	1.13416	0.781135	1.06283	1.06283	0.655387	1.10293	1.10293	0.630614	1.58681	1.11181	1.11181	0.833804	0.955076	1.04704	0.661358	0.908078	1.10123	0.908192	1.29345	1.22496	0.81936	0.753545	-1.32741	0.943081	0.808831	-1.23635	0.632252	0.479198	0.673708	1
ajp21070087	NECW1	0.745921	0.629773	0.857995	-1.16561	0.555513	1.20686	1.20686	0.524969	1.2253	1.2253	0.423513	0.777957	-1.28542	0.916557	1.0336	1.0336	0.38711	0.756133	-1.32252	0.549154	1.62869	1.62869	0.915472	1.04914	1.03404	0.88072	1.04849	1.04849	0.632227	0.995578	1.39975	1
ajp19932177	RFC3;RFC3	0.745933	0.938745	0.978475	-1.022	0.576508	1.17322	1.17322	0.149646	1.54864	1.54864	0.789537	1.07869	1.07869	0.732669	0.907486	-1.10194	0.371186	1.2969	1.2969	0.814598	0.935654	-1.06877	0.343136	0.700409	0.896314	-1.11568	0.632214	0.802672	1.12855	1
ajp20672570	FAM108B	0.745939	0.31553	1.562574	1.562574	0.212659	1.75805	1.75805	0.959372	1.25572	1.25572	0.926807	0.961276	-1.04028	0.32117	1.55358	1.55358	0.438051	1.1496	1.1496	0.404896	1.19841	1.79248	1.79248	0.319344	1.55635	1.55635	0.78282	1.12611	1.12611	0.632002	1.84992	2.60103	1
ajp14326991	GPR116;GPR116	0.745941	0.246471	2.85095	2.85095	0.271786	2.68821	2.68821	0.48253	1.85328	1.85328	0.621574	1.53742	1.53742	0.628407	1.52434	1.52434	0.313084	2.46437	2.46437	0.146465	3.84727	3.84727	0.370777	2.2132	2.2132	0.832405	1.20103	1.20103	0.632198	7.48156	10.5193	1
ajp20931661	SEMA5B	0.745956	0.379864	1.48147	1.48147	0.298964	1.51779	1.51779	0.124754	2.06493	2.06493	0.540927	1.3028	1.3028	0.765349	1.14069	1.14069	0.215001	1.76733	1.76733	0.325461	1.55736	1.55736	0.667957	1.20717	1.20717	0.884918	0.938766	-1.06523	0.632186	1.90598	2.67991	1
ajp24622735	PTPN12;PTPN12;PTPRN2	0.745959	0.966459	0.985518	-1.01407	0.915454	0.963829	-1.03753	0.177451	1.6442	1.6442	0.859954	1.06318	1.06318	0.352288	1.39082	1.39082	0.665095	0.895763	-1.16311	0.606786	1.19734	1.19734	0.570703	1.3756	1.3756	0.763965	0.632173	1.20504	1.84938	1
ajp26227257	FAM98A	0.745996	0.851115	1.23946	1.23946	?	?	?	0.922008	0.894164	-1.11836	0.564584	0.5136	-1.94704	0.373222	0.350508	-2.853	0.522645	0.476342	-2.09933	0.110449	0.133495	-7.49093	0.388555	0.363048	-2.75446	0.747461	0.691271	-1.44661	0.613837	1.10384	15.7347	1
ajp14472315	GSK3B;GSK3B	0.745962	0.574474	1.07902	1.07902	0.776177	1.03864	1.03864	0.802929	0.882249	-1.01807	0.298414	0.888455	-1.12541	0.919174	1.089571	-1.01054	0.27677	1.16235	1.16235	0.23039	1.88106	1.88106	0.991811	1.13829	1.13829	0.884453	1.05584	1.05584	0.632169	0.917086	0.248999	1
ajp09040922	IMP4;CCDC115	0.745973	0.899992	0.976069	-1.03028	0.558307	1.1508	1.1508	0.45132	0.833528	-1.19972	0.843946	1.04787	1.04787	0.592473	0.879681	-1.13678	0.105826	1.52066	1.52066	0.958418	1.01245	1.01245	0.497708	1.17744	1.17744	0.63233	1.12117	1.12117	0.632153	0.563632	0.79254	1
ajp19232674	RUFY3	0.745982	0.241224	3.640506	-1.18342	0.274597	1.43599	1.43599	0.175959	1.70959	1.70959	0.220888	0.837735	1.193705	0.347737	0.915668	-1.09228	0.678814	1.05883	1.05883	0.918209	1.04013	1.04013	0.907027	1.08379	1.08379	0.540444	1.0888	1.0888	0.632241	0.188671	0.26353	1
ajp09247346	ARPC2;ARPC2 RHOBTB1;RHOBTB1;RHOBTB2	0.746005	0.849562	1.12766	1.12766	0.419246	0.593232	-1.68568	0.256979	2.11389	2.11389	0.242464	0.461185	-2.16833	0.881729	1.09877	1.09877	0.657464	1.75401	-1.32624	0.951108	0.961947	-1.03956	0.344114	1.85258	1.85258	0.881397	1.09906	1.09906	0.632108	4.00749	5.63545	1
ajp10590714	?	0.746075	0.847305	-1.18021	0.581874	0.837781	1.19363	0.864024	1.05607	1.05607	0.511705	1.23592	1.23592	0.95187	1.05316	0.751552	1.33058	0.294	0.707218	-1.41399	0.494781	0.802005	-1.24688	0.687541	-1.45446	0.247008	0.680283	-1.46998	0.632105	1.01402	1.42595	1
ajp23409587	RAB43	0.746021	?	?	?	0.781601	1.07666	1.07666	0.496902	1.20121	1.20121	0.113624	0.632842	-1.58017	0.934857	0.978507	-1.02196	0.624198	1.14023	1.14023	0.553361	0.852791	-1.17262	0.871838	0.957997	-1.04384	0.813642	1.06477	1.06477	0.615567	0.612168	0.994478	1
ajp19280014	MTX2;MTX2;MTX2	0.746025	0.617461	1.21179	1.21179	0.534075	0.737252	-1.4822	0.553703	1.09405	1.09405	0.284509	0.892249	-1.01807	0.298414	1.089571	-1.01054	0.714087	0.86903	-1.15071	0.552807	0.977703	-1.02283	0.918554	1.02283	1.02283	0.918851	1.02283	1.02283	0.632183	1.45695	0.24989	1
ajp20230308	ARRDC5	0.746027	0.489621	0.82797	-1.20777	0.253839	0.757738	-1.37783	0.255773	1.37588	1.37588	0.57674	1.16377	1.16377	0.422752	1.24468	1.24468	0.500551	1.20191	1.20191	0.658709	1.127	1.127	0.952924	1.01601	1.01601	0.915155	0.971741	1.02908	0.632078	0.724239	1.01849	1
ajp10755730	NMT1;DCAKD;DCAKD	0.746041	?	?	?	?	?	?	?	?	?	0.306862	4.67825	4.67825	?	?	?	0.848507	1.31729	1.31729	?	?	?	0.827454	1.36971	1.36971	0.419111	4.37195	20.863	1
ajp08033285	N4BP1	0.746056	0.4525	0.776501	-1.28783	0.941454	1.02457	1.02457	0.826168	0.929884	-1.0754	0.302252	0.968359	-1.03278	0.318155	1.40638	1.40638	0.22209	0.654344	-1.52825	0.564732	0.824981	-1.21215	0.339393	1.38465	1.38465	0.62566	0.850021	-1.17644	0.632010	1.09345	1.53783	1
ajp19544871	NTSR2	0.746061	0.402514	1.83304	1.83304	0.79517	1.20203	1.20203	0.846807	0.872142	-1.1466	0.850236	0.874855	-1.14305	0.893236	0.378039	-2.64523	0.604506	0.691038	-1.4471	0.371797	0.527285	-1.91283	0.711781	1.30015	1.30015	0.375582	1.90255	1.90255	0.632031	5.0077	7.04284	1
ajp20157202	MXD4	0.746072	0.587955	0.805353	1.24164	0.535823	1.31494	1.31494	0.390269	1.16581	1.16581	0.619335	0.993935	-1.00651	0.966841	0.968634	-1.03293	0.515355	0.799913	1.25055	0.488524	0.990023	-1.00609	0.824166	1.96783	1.96783	0.269438	1.68111	1.68111	0.632065	1.25247	1.72127	1
ajp20878275	C17orf49;C17orf49;C17orf49	0.746077	0.507351	0.795673	-1.2568	0.47536	0.781406	-1.27974	0.155509	0.596631	-1.67608	0.379203	0.735972	-1.35875	0.232962	0.653766	1.5296	0.461948	0.775319	-1.28979	0.21036	0.638561	-1.56602	0.557663	0.817504	-1.22324	0.601865	0.83621	-1.19587	0.632007	1.11587	1.62568	1
ajp06504572	TCF7L1	0.746088	0.609452	0.789651	-1.26638	0.293231	1.9421	1.9421	0.654207	1.31584	1.31584	0.486757	0.650268	-1.53781	0.744601	1.22018	1.22018	0.282878	0.506978	-1.97247	0.728065	0.80856	-1.23677	0.247697	0.47915	-2.08703	0.915777	1.06652	1.06652	0.631993	3.70957	5.21746	1
ajp23990929	TMEM69	0.746097	0.985268	1.01492	1.01492	0.911202	0.960551	1.04107	0.286839	0.660791	-1.4972	0.664152	0.852643	-1.17282	0.810981	1.08727	1.08727	0.184607	0.598404	-1.67133	0.244514	0.398031	-2.51307	0.0998	0.597103	-1.6712	0.626847	0.651801	-1.53407	0.63198	1.33279	1.87459	1
ajp20376455	RARA;RARA;RARA	0.746097	0.587985	1.17856	1.17856	0.297688	1.38301	1.38301	0.132238	1.62899	1.62899	0.754128	0.909946	-1.09897	0.9533	1.01775	1.01775	0.907167	1.03566	1.03566	0.442966	0.790611	-1.26485	0.896485	1.03987	1.03987	0.476726	1.24274	1.24274	0.63198	0.902989	1.27007	1
ajp10078833	SLC39A1	0.746108	0.631952	1.18457	1.18457	0.500808	0.879479	-1.27799	0.647085	1.08424	1.08424	0.64726	1.10438	1.10438	0.813677	1.05376	1.05376	0.628181	1.41296	1.41296	0.260926	1.54374	1.54374	0.891	1.03939	1.03939	0.713148	1.32454	1.32454	0.631964	1.2851	1.80756	1
ajp11498726	BNIP3L	0.746112	0.992831	0.99432	-1.00571	0.955744	0.965426	-1.03581	0.069870	3.61527	3.61527	0.895522	0.902706	-1.10788	0.640567	1.34735	1.34735	0.576979	1.42943	1.42943	0.312042	1.89087	1.89087	0.902885	0.985849	-1.01435	0.851579	1.12609	1.12609	0.631959	0.623332	0.56904	1
ajp07941628	C10orf81	0.746114	0.532308	2.70904	2.70904	0.918384	0.850874	-1.17526	0.853434	1.33826	1.33826	0.50065	2.95595	2.95595	0.114064	0.6664439	-15.0051	0.540284	2.65593	2.65593	0.705952	0.550348	-1.81703	0.878412	0.785685	-1.27278	0.532834	2.70549	2.70549	0.631956	24.8456	34.947	1
ajp17533847	CBX4	0.746121	0.153041	0.67245	-1.48704	0.441369	1.38039	1.38039	0.0665	0.804094	0.804094	0.319777	0.777376	0.777376	0.182681	1.28571	1.28571	0.352864	0.88619	-1.12843	0.264432	0.791302	-1.26374	0.773814	0.943663	-1.0597	0.909854	0.929021	-1.07614	0.631964	1.2851	1.80756	1
ajp10298203	CDH23	0.746123	0.656863	0.646945	-1.54573	0.227142	0.43838	0.43838	0.510097	1.91723	1.91723	0.63023	0.628542	-1.59308	0.969767	0.407726	-2.45263	0.832951	1.22841	1.22841	0.28134	0.339536	-2.97676	0.788584	0.76968	-1.29924	0.623015	0.616305	-1.62257	0.631944	0.49516	13.3558	1
ajp16107907	DPY19L2P2;DPY19L2P2	0.746164	0.604452	1.23466	1.23466	0.394512	1.1428	1.1428	0.523959	1.25393	1.25393	0.678801	0.620075	-1.61268	0.732452	1.35842	1.35842	0.620075	1.61268	1.61268	0.738081	0.738081	1.35507	0.738081	1.35507	0.738081	1.35507	0.738081	1.35507	0.631944	0.539404	0.81886	1
ajp06562888	LOC728264	0.746217	0.753506	1.16119	1.16119	0.931277	1.04177	1.04177	0.996999	1.00179	1.00179	0.744621	0.856364	-1.16773	0.847458	0.912688	-1.09566	0.261911	1.74191	-1.74191	0.164533	0.498837	-2.02087	0.381274	1.53115	1.53115	0.631265	1.25785	1.25785	0.631877	2.25224	3.16832	1
ajp17533847	CBX4	0.746121	0.153041	0.67245	-1.48704	0.441369	1.38039	1.38039	0.0665	0.804094	0.804094	0.319777	0.777376	0.777376	0.182681	1.28571	1.28571	0.352864	0.88619	-1.12843	0.264432	0.791302	-1.26374	0.773814	0.943663	-1.0597	0.909854	0.929021	-1.07614	0.631964	1.2851	1.80756	1
ajp10298203	CDH23	0.746123	0.656863	0.646945	-1.54573	0.227142	0.43838	0.43838	0.510097	1.91723	1.91723	0.63023	0.628542	-1.59308	0.969767	0.407726	-2.45263	0.832951	1.22841	1.22841	0.28134	0.339536	-2.97676	0.788584	0.76968	-1.29924	0.623015	0.616305	-1.62257	0.631944	0.49516	13.3558	1
ajp16107907	DPY19L2P2;DPY19L2P2	0.746164	0.604452	1.23466	1.23466	0.394512	1.1428	1.1428	0.523959	1.25393	1.25393	0.678801	0.620075	-1.61268	0.732452	1.35842	1.35842	0.620075	1.61268	1.61268	0.738081	0.738081	1.35507	0.738081	1.35507	0.738081	1.35507	0.738081	1.35507	0.631944	0.539404	0.81886	1
ajp06562888	LOC728264	0.746217	0.753506	1.16119	1.16119	0.931277	1.04177	1.04177	0.996999	1.00179	1.00179	0.744621	0.856364	-1.16773	0.847458	0.912688	-1.09566	0.261911	1.74191	-1.74191	0.164533	0.498837	-2.02087	0.381274	1.53115	1.53115	0.631265	1.25785	1.25785	0.631877	2.25224	3.16832	1
ajp17533847	CBX4	0.746121	0.153041	0.67245	-1.48704	0.441369	1.38039	1.38039	0.0665	0.804094	0.804094	0.319777	0.777376	0.777376	0.182681	1.28571	1.28571	0.352864	0.88619	-1.12843	0.264432	0.791302	-1.26374	0.773814	0.943663	-1.0597	0.909854	0.929021	-1.07614	0.631964	1.2851	1.80756	1
ajp11498726	BNIP3L	0.746112	0.992831	0.99432	-1.00571	0.955744	0.965426	-1.03581	0.069870	3.61527	3.61527	0.895522	0.902706	-1.10788	0.640567	1.34735	1.34735	0.576979	1.42943	1.42943	0.312042	1.89087	1.89087	0.902885	0.985849	-1.01435	0.851579	1.12609	1.12609	0.631959	0.623332	0.56904	1
ajp20748175	PHTF1	0.746127	0.701272	2.55514	2.55514	0.242648	0.25632	2.55632	0.318189	0.56289	2.56289	0.31544	1.84409	1.84409	0.549583	1.50522	1.50522	0.368918	1.72303	1.72303	0.5428	0.43597	-2.30158	0.315043	1.38543	1.38543	0.125746	1.87568	1.87568	0.63186	1.4787	1.89371	1
ajp12453687	RAB30	0.746189	0.653306	1.23807	1.23807	0.871773	0.926541	-1.07928	0.302026	1.65704	1.65704	0.407415	1.49223	1.49223	0.811201	1.11967	1.11967	0.949648	1.03028	1.03028	0.374068	1.53873	1.53873	0.909678	1.05506	1.05506	0.0929701	2.39537	2.39537	0.631851	2.23251	3.14071	1
ajp20981793	C15orf33;FGF7	0.746217	0.664375	1.15142	1.15142	0.634351	1.22417	1.22417	0.588381	0.933332	-1.41215	0.42564	1.72601	1.72601	0.487934	1.15415	1.15415	0.592625	1.16366	1.16366	0.883902	1.01367	1.01367	0.977181	1.16195	1.16195	0.259449	2.20736	2.20736	0.631828	4.5326	6.37729	1
ajp10843707	NID2	0.746226	0.406661	0.723496	-1.38218	0.472016	1.32172	1.32172	0.903146	0.954644	-1.04754	0.248172	0.631093	-1.58455	0.540661	0.789655	-1.26638	0.590535	0.812932	-1.23012	0.608672	0.821284	-1.21761	0.37343	1.41677	1.41677	0.370134	0.704532	-1.41938	0.631799	1.4547	2.04664	1
ajp24253405	PTPN5;PTPN5;PTPN5;PTPN5	0.746231	0.439327	0.709263	-1.40951	0.791426	0.854394	-1.16999	0.971545	0.984584	-1.01566	0.4958	1.3515	1.3515	0.279439	0.612378	-1.63291	0.545127	0.729492	1.37062	0.292512	0.207514	0.560535	-1.78402	0.242702	0.608027	-1.64454	0.871587	1.079	1.079	0.631792	1.89815	2.65256	1
ajp21507694	ERGIC2	0.746238	0.893029	0.972382	-1.02841	0.477267	1.16233	1.16233	0.633974	1.18839	1.18839	0.502773	0.867993	-1.15208	0.712707	1.08003	1.08003	0.145127	0.722022	-1.38497	0.372338	0.616521	-1.62161	0.0910688	0.610299	-1.63852	0.0998	0.876181	1.14918	0.747234	1.9349	1.93492	-1.06963	0.631791	0.438587	0.610029	1
ajp27101023	RPTOR;RPTOR	0.746239	0.583062	0.603584	-1.65677	0.614736	0.629895	-1.58757	0.756469	0.753451	-1.32723	0.597583	0.615601	-1.62443	0.100638	0.19441	-5.14377	0.754834	0.751799	-1.33014	0.654521	0.663512	-1.50713	0.144765	0.240166	-4.16378	0.63172	0.644163	-1.55424	0.631787	8.29919	11.6766	1
ajp20475692	RDCC2	0.746242	0.381932	0.847805	-1.17966	0.294614	1.1428	1.1428	0.742826	0.905451	1.08033	0.491725	0.870529	-1.14927	0.618175	0.9181	-1.08951	0.935332	1.03516	1.03516	0.814929	1.02051	1.02051	0.907818	1.1409	1.1409	0.626567	0.878124	1.14916	0.748416	1.9349	1.93492	-1.06963	0.631791	0.438587	0.610029	1
ajp10880540	CCDC2L	0.746251	0.953042	0.983185	-1.01571	0.744521	1.09874	1.09874	0.659794	0.880237	-1.13606	0.784275	0.924022	-1.08223	0.922507	0.97237	-1.02841	0.21918	0.689282	-1.45078	0.401476	0.780921	-1.28054	0.28081	1.381	1.381	0.389151	1.28935	1.28935	0.631764	0.82971	1.1674	1
ajp16993579	UBE2T;UBE2T	0.746257	0.549389	1.44338	1.44338	0.325905	0.533986	-1.87271	0.400156	0.586094	-1.70362	0.8883	1.09081	1.09081	0.751057	1.21757	1.21757	0.93009	1.03577	1.03577	0.17246	0.407318	-2.45508	0.597022	0.785452	-1.27315	0.340289	0.545027	-1.83477	0.631756	1.82782	5.3858	1
ajp14285788	SFT2D3	0.746294	0.977077	1.01601	1.01606	0.817951	0.879954	-1.13642	0.333305	0.574918	-1.73938	0.598811	1.34241	1.34241	0.261955	1.91326	1.91326	0.639049	1.29956	1.29956	0.508426	0.689283	-1.45078	0.932709	0.867012	-1.15339	0.250548	0.513784	1.94634	0.631704	1.07797	4.33109	1
ajp03151194	SLCO4A1	0.746294	0.422754	1.1876	1.1876	0.844286	1.04216	1.04216	0.778531	1.06099	1.06099	0.529777	1.143	1.143	0.468485	1.16751	1.16751	0.533491	1.14159	1.14159	0.344607	1.22679	1.22679	0.180004	0.741575	-1.34848	0.7937	0.946457	-1.05657	0.631704	0.441101	0.620686	1
ajp19461621	CDLEC12	0.746298	0.789304	1.14133	1.14133	0.5	1.1571	1.1571	0.388176	1.18876	1.18876	0.284389	0.715137	1.39821	0.884305	1.12112	1.12112	0.276161	2.24743	2.24743	0.109573	1.66893	1.66893	0.0968303	1.65021	1.65021	0.457948	1.7166	1.7166	0.631638	0.51334	0.72519	1
ajp00717080	CBS	0.746313	0.709805	1.15918	1.15918	0.363192	1.44883	1.44883	0.584706	1.2437	1.2437	0.335148	1.48108	1.48108	0.263246	1.58549	1.58549	0.739966	1.14068	1.14068	0.104806	2.01478	2.01478	0.424749	1.38007	1.38007	0.523717	1.29092	1.29092	0.631677	0.56228	2.19843	1
ajp11799704	RNF72;RNF72	0.746324	0.753767	1.08216	1.08216	0.113745	1.14002	1.14002	0.198657	1.24214	1.24214	0.692343	1.30494	1.30494	0.427226	1.20113	1.20113	0.976285	1.00749	1.00749	0.894965	0.997398	1.0337	1.0337	0.437001	1.22013	1.22013	0.219471	1.38268	1.38268	0.631664	0.609021	0.884639	1
ajp09044743	PANK4	0.746328	0.493552	1.808196	-1.23732	0.94564	0.979333	-1.0211	0.197559	1.51763	1.51763	0.57496	0.840699	-1.18949	0.845232	1.06168

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(5 vs.1537)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)
cg13828579	GSN;GSN;GSN;GSN;GSN;GSN;GSN	0.746976	0.559142	0.707572	-1.41328	0.172466	0.427259	-2.3405	0.593086	0.729152	-1.37146	0.88973	0.92173	-1.08402	0.260386	0.502848	-1.98867	0.484153	0.659435	-1.51645	0.296077	0.530208	-1.88605	0.282389	0.51988	-1.92352	0.771401	1.18602	1.18602	0.630748	3.4259	4.82798	1
cg04986319	C11orf83;C11orf48;C11orf48	0.746983	0.614596	1.09166	1.09166	0.560211	1.10711	1.10711	0.415044	1.15478	1.15478	0.901156	0.978765	-1.0217	0.802603	1.04422	1.04422	0.642994	0.922535	-1.08397	0.145801	0.763567	-1.30964	0.483191	0.884179	-1.13099	0.613261	1.09203	1.09203	0.630738	0.298071	0.420067	1
cg14881459	PTBP1;PTBP1;PTBP1;PTBP1	0.74701	0.387741	1.35442	1.35442	0.823533	0.807506	-1.2183	0.959848	1.0499	1.0499	0.223842	0.442104	1.44204	0.230548	0.347274	1.37478	0.424419	1.20133	1.20133	0.498381	0.514367	-1.94414	0.511428	1.904413	1.90443	0.546914	1.803135	1.803135	0.630701	9.34548	13.1712	1
cg00486564	EMX1	0.747012	0.24186	0.448698	-2.22867	0.633663	0.709759	-1.40893	0.784611	0.85391	-1.1963	0.39151	0.563069	-1.77598	0.652362	0.460665	-2.17078	0.268601	0.470567	-2.1251	0.165559	0.38002	-2.63144	0.527154	0.675594	-1.52069	0.539586	0.666104	-1.50127	0.630698	4.27523	6.02539	1
cg24297873	MAD2L1;MAD1L1;MAD1L1	0.747018	0.4053201	2.31199	2.31199	0.184865	3.9893	3.9893	0.159564	4.38781	4.38781	0.402572	2.32296	2.32296	0.51178	1.92457	1.92457	0.64911	1.56942	1.56942	0.296787	2.8989	2.8989	0.487224	2.00269	2.00269	0.436468	2.18385	2.18385	0.63069	9.66073	13.6284	1
cg01156302	DAPK2	0.747031	0.334839	0.391084	-2.55699	0.700172	0.694023	-1.44087	0.606897	1.63212	1.63212	0.678401	0.674629	-1.4823	0.165049	0.247114	-4.04571	0.748016	0.738509	-1.35408	0.348256	0.401897	-2.4882	0.223758	0.209243	-3.34176	0.873861	0.860736	-1.1618	0.630671	8.89978	12.5437	1
cg02132792	ZDHHC14;ZDHHC14	0.747036	0.670462	0.932784	-1.07256	0.560203	0.915544	1.09225	0.795746	1.04042	1.04042	0.52451	0.900467	-1.11054	0.884786	0.976705	-1.02385	0.12041	0.760451	-1.31501	0.491737	0.13039	7.6861	1.04244	0.643244	0.330158	0.840281	-1.17747	0.630664	0.26096	0.372038	1
cg00147307	HIVEP3;HIVEP3	0.747038	0.338929	0.60832	1.643666	1.5673	1.56257	0.262852	1.75552	1.75552	0.280959	0.71642	1.71642	0.591891	1.29808	1.29808	1.29808	0.345566	1.59729	1.59729	0.156744	2.07547	2.07547	0.766741	1.1542	1.1542	0.843015	1.1003	1.1003	0.630661	2.32133	3.27181	1
cg04454951	VWC2	0.747075	0.897557	0.964225	-1.0371	0.974506	0.991003	-1.00908	0.776856	1.08368	1.08368	0.158155	0.652636	-1.53225	0.256349	1.39807	1.39807	0.803006	1.07325	1.07325	0.528887	0.834908	-1.19774	0.662424	1.13229	1.13229	0.548222	1.18749	1.18749	0.630609	0.798922	1.12614	1
cg27083089	HLA-B	0.747086	0.64342	1.403392	2.4428	2.4428	0.231215	1.43958	0.515144	3.62769	3.62769	2.4428	0.539448	2.4428	0.684727	2.4428	2.4428	0.255848	2.4428	2.4428	0.684727	2.4428	2.4428	0.684727	2.4428	2.4428	0.684727	2.4428	2.4428	0.684727	0.038525	26.1421	0.988993	10.0723	53.3996	1
cg12085044	NAE1;NAE1;NAE1	0.747087	0.80983	0.967876	-1.03319	0.136291	0.659559	-1.51616	0.805993	0.938193	-1.06588	0.969897	0.990263	-1.00983	0.309578	0.761371	-1.31342	0.846309	1.0516	1.0516	0.885983	0.964625	-1.03667	0.352903	1.28126	1.28126	0.649431	1.12598	1.12598	0.630592	0.671386	0.946392	1
cg06031423	LOC51316	0.747089	0.577023	1.12179	1.12179	0.532886	0.879126	1.09153	0.940382	0.994972	-1.00503	0.516097	0.873466	-1.14466	0.165982	0.739853	-1.35162	0.559283	1.12799	1.12799	0.364245	0.826821	-1.20945	0.789755	0.940953	-1.06502	7	7	0.643049	0.359626	0.585663	1
cg26894288	MFGE8;MFGE8	0.747092	0.47348	1.79969	-1.25048	0.444819	0.787341	-1.2701	0.298935	1.39109	1.39109	0.683342	0.881841	-1.13399	0.671128	1.03951	1.03951	0.770907	1.09165	1.09165	0.209639	0.666708	-1.49991	0.559124	1.19855	1.19855	0.880549	0.954942	-1.04718	0.630585	0.938832	1.3234	1
cg19570596	NIPSNAP1	0.747098	0.272522	1.36308	1.36308	0.518599	0.837377	-1.1942	0.820868	1.06344	1.06344	0.419211	1.25088	1.25088	0.750809	0.917219	-1.09025	0.320548	0.757024	-1.32096	0.805557	0.935298	-1.06918	0.81561	1.06538	1.06538	0.300693	1.33756	1.33756	0.630578	0.734585	1.0355	1
cg08002795	HNRPDL;ENOPH1;HNRPDL	0.747119	7	7	7	7	0.432575	1.43325	7	7	7	7	7	7	7	7	7	0.464621	0.645029	-2.24251	0.98811	1.01631	1.01631	0.553942	0.521988	-1.91575	0.823289	1.27491	1.27491	0.532759	0.52719	0.16995	1
cg26352726	RHBDD2;RHBDD2	0.747122	0.269768	1.45236	1.45236	0.617916	0.849334	-1.17739	0.976512	1.00961	1.00961	0.538161	0.816761	-1.22435	0.242948	1.48705	1.48705	0.255133	1.47081	1.47081	0.71924	1.12437	1.12437	0.908841	0.963488	-1.0379	0.527259	1.23123	1.23123	0.630543	1.05311	1.48458	1
cg02197677	ABCF1;ABCF1	0.747143	0.477189	0.766234	-1.25227	0.545222	1.21028	1.21028	0.154229	0.626169	-1.60873	0.932344	0.971568	-1.02969	0.475502	1.29534	1.29534	0.904771	0.963778	-1.03801	0.552692	0.829344	-1.20577	0.501961	1.23667	1.23667	0.559583	0.831999	-1.20192	0.630514	0.970385	1.36803	1
cg26539415	PIK3D	0.74715	0.571646	0.737869	1.355925	1.28748	0.328748	2.39437	2.39437	0.163493	1.67493	1.67493	0.75979	1.36075	0.549294	0.720931	-1.38709	0.380399	1.01315	1.01315	0.990943	1.14531	1.14531	0.544525	0.727595	-1.37439	0.852023	0.90546	-1.10441	0.630505	2.64242	3.98188	1
cg03035921	CLASP1;CLASP1;CLASP1	0.747152	0.871731	0.931608	-1.07341	0.487433	1.36248	1.36248	0.980503	1.01077	1.01077	0.110094	0.466024	-2.14581	0.612795	0.799518	-1.25075	0.934397	0.96455	-1.03675	0.282827	0.61308	-1.63111	0.773738	1.13471	1.13471	0.956689	1.0241	1.0241	0.630501	1.91942	2.70602	1
cg24471980	RERE;RERE;RERE	0.747159	0.997827	1.098865	-1.00114	0.133272	0.998546	1.00145	0.845947	1.14432	1.14432	0.422966	1.40668	1.40668	0.674564	0.838412	-1.19273	0.505942	1.13497	1.13497	0.934338	1.03405	1.03405	0.869883	1.03933	-1.07074	0.448503	0.724722	-1.37983	0.630492	1.73578	2.44716	1
cg26543333	NFIC;NFIC	0.747172	0.825512	1.12791	1.12791	0.337721	1.73192	1.73192	0.320907	1.74907	1.74907	0.724205	1.21304	1.21304	0.810239	0.877095	-1.14013	0.384425	0.641981	-1.62607	0.989116	1.00746	1.00746	0.213556	2.04219	2.04219	0.392107	1.62158	1.62158	0.630474	2.96754	4.18386	1
cg17258195	SLIK;SLIK;SLIK	0.747191	0.530602	1.19345	1.19345	0.629887	1.14474	1.14474	0.633576	0.876376	-1.14041	0.478232	0.818188	-1.22229	0.515337	1.20161	1.20161	0.615874	0.868637	-1.15123	0.116869	1.606845	1.606845	0.909077	0.980266	-1.01085	0.928862	1.02517	1.02517	0.630447	0.779912	1.09117	1
cg03240907	SNX29	0.7472	0.399109	0.534245	-1.8718	0.652504	1.38981	1.38981	0.512073	0.617001	-1.62074	0.409031	0.541613	-1.84634	0.412862	1.83672	1.83672	0.968948	1.02867	1.02867	0.222147	0.393854	-2.53901	0.544811	1.56062	1.56062	0.629959	0.702902	-1.42267	0.630434	5.2657	7.42445	1
cg13318368	FAM127B;FAM127B	0.74721	0.130453	0.195637	-5.11152	0.673577	0.654937	-1.52686	0.454629	0.6473	-2.13995	0.508945	1.95282	1.95282	0.802884	1.02422	1.02422	0.228006	0.282531	-3.53944	0.953661	1.05977	1.05977	0.772938	0.749023	-1.33507	0.878984	0.858822	-1.16439	0.630442	0.96247	1.4047	1
cg11484403	PCGF3	0.747214	0.29874	1.8071	1.8071	0.185138	2.2584	2.2584	0.125482	1.53045	1.53045	0.676095	1.29564	1.29564	0.770352	1.53045	1.53045	0.829382	1.13227	1.13227	0.312373	1.83301	1.83301	0.542153	1.1442	1.1442	0.914854	1.06319	1.06319	0.630415	1.33543	1.77318	1
cg11569052	SH3BP2;SH3BP2;SH3BP2	0.747238	0.751339	1.18798	1.18798	0.56498	1.37055	1.37055	0.87052	0.915401	-1.09241	0.455488	0.662412	-1.50964	0.252657	1.91061	1.91061	0.453538	1.51243	1.51243	0.208354	2.05176	2.05176	0.554091	1.38303	1.38303	0.618381	0.762126	-1.31212	0.630381	2.93122	4.13327	1
cg02899946	PDXK	0.747254	0.673066	1.08937	1.08937	0.174353	1.34516	1.34516	0.302806	1.1089	1.1089	0.844383	1.10258	1.10258	0.527607	1.13416	1.13416	0.423603	0.848034	-1.1792	0.656369	1.07396	1.07396	0.244557	1.27764	1.27764	0.548359	0.40611	-2.46211	0.572668	1
cg01924074	HUWE1	0.747256	0.349009	1.369758	-2.70447	0.635585	0.611026	-1.63659	0.808623	0.778488	-1.28455	0.169148	0.53421	-1.87321	0.932127	0.903082	-1.10732	0.249693	1.288966	1.46061	0.787543	0.756724	-1.32149	0.845884	1.22272	1.22272	0.969508	1.0423	1.0423	0.630356	10.6315	14.9919	1
cg08244866	NMNAT2	0.747262	0.746908	1.05578	1.05578	0.911621	0.98156	-1.01879	0.111527	1.33716	1.33716	0.585424	1.09671	1.09673	0.848102	1.01267	1.01267	0.999534	1.0001	1.0001	0.881903	1.02523	1.02523	0.526721	1.11351	1.11351	0.157456	1.2884	1.2884	0.630348	0.280514	0.395569	1
cg20347268	TP53I3;TP53I3;TP53I3	0.747263	0.449157	0.805153	-1.24135	0.749339	1.12152	1.12152	0.744165	1.08127	1.08117	0.094937	0.797865	-1.67262	0.198372	1.07795	1.07795	0.530204	0.836764	-1.19514	0.908368	0.75382	-1.32658	0.990007	1.13258	1.13258	0.903331	0.784392	1.10614	1.10614	1
cg08708231	OPCML PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.747278	0.285123	1.55651	1.55657	0.330627	1.49195	1.49195	0.332503	1.4895	1.4895	0.467779	1.3424	1.3424	0.625532	1.21655	1.21655	0.784831	0.896663	1.11525	0.56542	1.2606	1.2606	0.584488	1.24619	1.24619	0.326322	0.667716	-1.49764	0.630325	1.58573	2.2362	1
cg25325005	;PLEC1;PLEC1	0.747283	0.393771	1.49165	1.49165	0.144339	2.05005	2.05005	0.973577	0.984952	-1.01528	0.533592	0.74929	-1.3346	0.6406	1.24016	1.24016	0.972573	1.01586	1.01586	0.313686	1.61125	1.61125	0.34383	1.56267	1.56267	0.851499	1.08958	1.08958	0.630318	2.092	2.95018	1
cg10168434	NAGK	0.747286	0.732095	1.0661	1.0661	0.625156	1.45603	1.45603	0.88313	1.17172	1.17172	0.570008	1.10837	1.10837	0.592773	1.10159	1.10159	0.611615	1.09612	1.09612	0.845943	1.1048	1.1048	0.879072	0.972186	-1.02956	0.630238	1.07662	1.07662	0.630313	0.320681	0.452236	1
cg27660720	STK39	0.747287	0.442311	0.709228	1.409725	1.40972	0.26259	1.90259	1.90259	1.31754	0.881577	1.13491	1.34311	0.745417	0.242359	1.53976	0.746408	0.912231	1.09621	1.09621	0.144386	0.644744	1.551	0.889281	1.04022	1.04022	0.904596	1.04953	1.04953	0.630554	0.801061	1.12842	1
cg08663085	LOC102772228;CKor4\08;CKor4\08	0.747291	0.473368	0.426225	-2.34618	0.985204	0.978548	-1.02192	0.994211	1.00852	1.00852	0.194328	0.98117	0.98117	0.256498	3.99402	3.99402	0.365308	0.336971	-2.96761	0.905737	1.14858	1.14858	0.761091	0.700044	-1.42848	0.820934	1.30358	1.30358	0.630306	13.6513	19.2518	1
cg10406317	Magmas	0.747295	0.264999	1.74265	1.74265	0.58246	1.23146	1.23146	0.223727	0.670993	-1.49055	0.237882	0.778682	-1.28441	0.239103	1.22009	1.22009	0.264999	1.74265	1.74265	0.58246	1.23146	1.23146	0.223727	0.670993	-1.49055	0.237882	0.778682	-1.28441	0.239103	1.22009	1.22009	0.630513	1.1963	0.630266	2.15835	3.10564	1
cg21968101	C2CD4C	0.747319	0.293241	0.602269	-1.66039	0.981018	0.988997	-1.01113	0.836979	0.908415	-1.10082	0.375503	0.655093	-1.5265	0.12112	0.457649	2.18508	0.949244	0.03005	1.03005	0.995328	0.800328	0.800328	0.280371	0.595299	-1.67983	0.530025	0.743903	1.34426	0.630268	2.15885	3.04471	1
cg01083884	MCF2L;MCF2L	0.747335	0.907916	0.915621	-1.09216	0.754977	1.26935	1.26935	0.118058	3.6435	3.6435	0.623641	1.45759	1.45759	0.616069	0.680337	-1.46986	0.759494	0.791409	-1.26357	0.730016	1.30204	1.30204	0.910662	1.08927	1.08927	0.304749	0.44499	-2.24724	0.630244	5.79354	8.17113	1
cg01226315	MSI1	0.747337	0.796237	1.07116	1.07116	0.154297	0.8317	1.18244	0.813784	1.20208	1.20208	0.660317	1.20723	1.20723	0.774923	0.828452	-1.20709	0.603142	0.829576	-1.20544	0.183009	1.54543	1.54543	0.615433	1.61431	1.61431	0.663206	1.35835	1.35835	0.630263	1.19563	0.822366	1.35835	0.10564	1.35835	1.78643	1
cg02585931	GAJR3	0.747392	0.143793	0.349019	-2.86517	0.605394	0.41808	1.41808	0.963934	0.967705	-1.03337	0.531057	0.66748	-1.49817	0.261941	0.45658	2.19019	0.767656	0.81991	-1.21965	0.464934	0.607478	-1.64615	0.302884	0.480971	-2.04469	0.782577	0.830771	-1.2037	0.630166	4.48293	6.32346	1
cg19704853	PKIN02	0.747405	0.24749	0.404139	-2.46436	0.9436	0.43416	2.31813	0.804683	0.893555	-1.11904	0.272304	0.680303	-1.47021	0.228892	0.440612	2.26955	0.167758	0.08903	11.23273	0.183001	0.183001	0.183001	0.542153	0.1442	1.1442	0.144426	0.915854	1.06319	1.06319	0.630145	3.53543	4.73118	1
cg23598254	EPHD2	0.747408	0.797883	1.10515	1.10515	0.397159	1.29458	1.29458	0.962994	1.63235	1.63235	0.542689	1.20142	1.20142	0.574694	1.18393	1.18393	0.65434	1.14363	1.14363	0.782092	1.08607	1.08607	0.322422	0.737575	-1.35579	0.720014	1.13114	1.13114	0.630143	0.885044	1.24846	1
cg24895173	SLFN13L	0.747417	0.677662	1.048666	-1.15705	0.113907	0.461034	-2.16004	0.820873	1.01889	1.01889	0.10189	1.0189	1.0189	0.844383	1.10458	1.10458	0.523603	0.948342	-1.19492	0.997329	1.00123	1.00123	1.00123	0.934646	-1.0933	0.733607	1.13416	1.13416	0.630159	0.49011	-2.04068	0.572668	1
cg02742075	MAEA;MAEA	0.747425	0.778617	1.1575	1.1575	0.450766	1.40502	1.40502	0.621567	1.59464	1.59464	0.856218	1.0987	1.0987	0.153502	1.84011	1.84011	0.729567	1.07053	1.07053	0.741775	0.838644	0.838644	0.111162	1.11162	1.11162	0.348001	1.22786	1.22786	1.03322	0.630119	2.68786	3.79181	1
cg14851770	PPIL5;PPIL5	0.747429	0.161131	1.66369	1.66369	0.302287	1.4383	1.4383	0.56347	0.81984	-1.21975	0.57316	0.823965	-1.21364	0.769778	0.905005	-1.10497	0.889444	1.04844	1.04844	0.626816	0.846494	-1.18134	0.636022	1.17603	1.17603	0.550676	1.22795	1.22795	0.630113	1.15445	1.62856	1
cg01280869	HSPX2;HSPX1	0.747456	0.449157	0.805153	-1.24135	0.749339	1.12152	1.12152	0.744165	1.08127	1.08117	0.094937	0.797865	-1.67262	0.198372	1.07795	1.07795	0.530204	0.836764	-1.19514	0.908368	0.75382	-1.32658	0.990007	1.13258	1.13258	0.903331	0.784392	1.10614	1.10614	1
cg00778846	HLA-DQA1	0.747455	0.955377	0.913967	-1.09413	0.815903	0.687267	-1.45504	0.132488	0.0713049	-14.0243	0.96279	0.927741	-1.07789	0.734518	1.72898	1.72898	0.617248	0.790381	-1.26502	0.160446	1.6267	1.6267	0.784975	1.2661	1.2661	0.62262	0.578942	-1.72729	0.627801	0.25704	0.35172	1
cg24222746	CRC4L;CRC4L;ORC4L	0.747459	0.660399	1.06838	1.06838	0.292302	1.17743	1.17743	0.465051	0.894803	-1.11756	0.884251	0.978458	-1.02202	0.925943	1.01417	1.01417	0.779977	1.0444	1.0444	0.906241	1.08217	1.08217	0.219722	0.824543	-1.21279	0.163131	1.14996	1.14996	0.630072	0.324459	0.314629	1
cg07920739	DRAM1;DRAM1	0.747472	0.324173	1.44912	1.44912	0.708586	1.11458	1.11458	0.0885959	-1.01546	-1.01546	0.464642	1.4125	1.4125	0.931065	0.708687	1.41202	0.826683	1.08317	1.08317	0.968869	1.03432	1.03432	0.592037	1.82114	-1.21784	0.0952184	1.95012	1.95012	0.630054	1.32449	0.88861	1
cg16435539	MYRIP	0.747473	0.538535	0.876373	-1.14107	0.630524	0.902395	-1.10816	0.724563	1.07786	1.07786	0.571048	1.12899	1.12899	0.699486	0.913157	-1.0955	0.514156	1.1505	1.1505	0.15257	1.38401	1.38401	0.307168	1.25448	1.25448	0.977955	1.00587	1.00587	0.630052	0.448131	0.632231	1
cg00138641	MIR1938	0.747489	0.970199	1.030464	1.030464	0.156292	0.940662	1.06308	0.645938	1.03258	0.96992	1.1015	1.03258	0.643655	1.55457	0.880437	1.13595	0.716607	1.1744	1.1744	0.185441	0.64547	-2.01828	0.870837	0.931552	-1.07354	0.674124	1.24209	1.24209	0.630027	0.824407	1.08427	1
cg12133310	LUZP4	0.747501	0.462474	1.65743	1.65743	0.627811	0.718907	-1.391	0.786853	0.832696	-1.20092	0.215237	0.414286	-2.41379	0.846691	1.13969	1.13969	0.261048	2.2074	2.2074	0.425711	1.73234	1.73234	0.937813	1.05412	1.05412	0.614248	1.40961	1.40961	0.630012	4.55325	6.42421	1
cg01474528	STOX2	0.747752	0.296836	0.669372	1.50117	1.50117	0.154297	0.6237	0.102103	0.56048	0.56048	0.922571	0.488988	-1.12375	0.85876	1.23833	1.23833	0.444244	0.619439	1.61447	0.135227	1.35927	1.35927	0.765974	1.09547	1.09547	0.829986	1.04501	1.04501	0.629986	14.3693	20.2746	1
cg27035890	MAD2L1BP;MAD2L1BP	0.747525	0.174033	0.455616	-2.19483	0.576272	0.135589	3.55589	0.957262	0.971558	-1.02927	0.732687	0.831353	-1.20286	0.325438	0.577203	-1.73219	0.234307	0.508567	-1.96631	0.423878	0.643274	-1.55455	0.991783	0.994471	-1.00556	0.904508	0.93742	-1.06676	0.627708	2.82135	3.49587	1
cg06251539	VGLL3	0.747526	0.855955	0.970975	-1.02989	0.949872	1.01024	1.01024	0.259534	1.21004	1.21004	0.77099	1.04845	1.04845	0.771033	0.9538	-1.04844	0.748046	1.05363	1.05363	0.408944	0.872059	-1.14671	0.133143	1.30034	1.30034	0.949753	0.989837	-1.01027	0.629978	0.262115	0.369896	1
cg05713521	SSR1	0.747621	0.239713	1.48209	1.48209	0.332029	1.16082	1.16082	0.106553	0.817823	1.0678	0.676371	1.0678	1.0678	0.171319	1.12534	1.12534	0.560691	1.16091	1.16091	0.164822	0.55304	1.12176	1.12176	0.551378	1.13036	1.13036	0.464412	1.26914	1.26914	0.629944	1.02202	1.44236	1
cg02114909	YWHAE;YWHAE	0.747626	0.334518	0.288305	-3.46855	0.427491	0.363927	-2.7478	0.672854	1.69667	1.69667	0.778965	0.704624	-1.4192	7	7	7	0.457131	0.677642	-1.4751	0.563265	0.508194	-1.99923	0.763081	1.6262	1.6262	0.784975	1.62262	1.62262	0.629933	1.10435	0.594331	1.10435	0.18535	1
cg00501779	MTA2	0.747632	7	7	7	7	0.153192	2.89236	0.33933	1.20933	1.20933	0.774524	1.22755	1.22755	0.609936	1.55058	1.55058	0.640313	0.669583	-1.49347	7	7	7	0.883884	0.825291	-1.21169	0.565673	0.438197	0.84	0.74422	1
cg06109238	FABP1	0.747638	0.46409	1.30642	1.30642	0.226463	0.634104	-1.57703	0.676792	1.16226	1.16226	0.811782	1.08934	1.08934	0.633718	1.18791	1.18791	0.301646	0.681228	-1.46794	0.543581	1.24674	1.24674	0.427154	0.747651	-1.33752	0.967976	1.0145	1.0145	0.62982	1.28342	1.81134	1
cg18165534	EBF1	0.747707	0.753161	0.849482	-1.17719	0.237581	1.80246	1.80246	0.634864	0.780848	-1.28066	0.666447	0.79913	-1.25131	0.820676	1.03783	1.03783	0.498004	1.42722	1.42722	0.218076	1.95413	1.95413	0.463643	1.49759	1.49759	0.907702	0.941791	-1.06181	0.629724	2.66669	3.76418	1
cg24255371	LOC401463	0.747713	0.228127	1.820149	1.820149	0.62795	0.566962	-1.5808	0.345938	0.763299	1.3101	0.617485	0.519837	-1.92403	0.189676	1.19337	1.19337	0.518746	0.657787	-1.63855	0.213964	0.646512	-1.52133	0.737419	0.780503	-1.28106	0.2786	1.29163	1.29163	0.629717	0.543088	0.82795	1
cg21331107	CMTM6	0.747718	0.874329	0.931286	-1.07378	0.435462	0.699166	-1.43027	0.898869	0.944418	-1.05885	0.904632	0.947519	-1.05539	0.790734	1.12708	1.12708	0.171684	0.519734	-1.92406	0.176875	0.524339	-1.90716	0.544254	1.3179	1.3179	0.62816	0.802918	-1.24546	0.629708	2.01743	2.84778	1
cg07027727	ZBTB38	0.747727	0.796836	0.865972	1.155147	1.15515	0.738903	1.10512	1.10512	0.624525	1.40522	1.40522	0.389636	1.63515	1.63515	0.564312	1.77218	0.477144	0.668185	-1.49603	0.199436	0.832104	-1.20177	0.554124	1.44244	1.44244	0.693439	0.69457	-1.44003	0.629686	3.1029	4.38011	1
cg19236395	PDLIM	0.747764	0.141304	0.370511	1.37051

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1217 vs. 217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg08448218	JAG2;JAG2	0.748278	0.707853	1.10199	1.10199	1.20622	0.708949	-1.41054	0.708466	1.10175	1.10175	0.841306	1.05308	1.05308	0.384163	1.25885	1.25885	0.452267	1.21842	1.21842	0.999395	0.999805	-1.0002	0.432552	0.813321	-1.22345	0.628923	0.662942	0.93607	1
cg05198969	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.748292	0.456415	0.603488	-1.65703	0.783666	1.45326	1.45326	0.236909	2.28207	2.28207	0.88766	1.08968	1.08968	0.558642	0.674483	-1.48262	0.702327	0.774394	-1.29133	0.263537	0.46022	-2.17287	0.672944	1.32669	1.32669	0.585398	1.44308	0.428904	0.41572	6.24116	1
cg14296488	U2AF1;U2AF1;U2AF1	0.748318	0.362492	0.836271	-1.19578	0.558312	1.11973	1.11973	0.198885	0.771554	-1.29609	0.583502	1.11157	1.11157	0.278644	0.806383	-1.2401	0.886324	1.0277	1.0277	0.573747	0.897102	-1.1147	0.613266	0.907227	-1.10226	0.567621	0.895508	-1.11668	0.628868	0.363486	0.513778	1
cg06639864	KCND2;KCND2	0.748353	0.480804	0.751443	-1.33082	0.316447	1.51144	1.51144	0.778021	1.1193	1.1193	0.964669	1.01782	1.01782	0.434821	0.727797	-1.37406	0.9059	1.04829	1.04829	0.287672	1.55309	1.55309	0.267224	1.58557	1.58557	0.738466	0.874911	-1.14297	0.628851	1.58397	2.23897	1
cg00666747	CHMP6	0.748332	0.314237	0.838206	-1.19302	0.255868	0.817799	-1.22279	0.383002	0.85924	-1.1638	0.887707	1.02425	1.02425	0.903083	0.964196	-1.03713	0.549588	1.10813	1.10813	0.871799	1.02777	1.02777	0.348514	0.815004	-1.22699	0.689374	1.07051	1.07051	0.628848	0.286412	0.404849	1
cg13888509	STRA6;STRA6;STRA6;STRA6;STRA6;STRA6	0.748333	0.837861	1.12876	1.12876	0.979211	0.984715	-1.03552	0.930658	0.948854	-1.05279	0.910051	1.06193	1.06193	0.819732	1.14448	1.14448	0.282501	1.93508	1.93508	0.068686	1.33517	1.33517	0.621449	1.34205	1.34205	0.843725	1.12375	1.12375	0.628847	3.48107	4.91929	1
cg17416643	CHIA;CHIA	0.748338	0.486792	1.28199	1.28199	0.580515	1.21682	1.21682	0.381033	0.729141	-1.37148	0.861198	0.940325	-1.06346	0.494012	0.783344	-1.27658	0.748669	0.893054	-1.11975	0.345449	0.710522	-1.40722	0.509939	0.790577	-1.2649	0.280283	1.48376	1.48376	0.628844	1.23102	1.74009	1
cg01138854	TAGLN2	0.748349	0.676237	0.933796	-1.0709	0.762374	1.04659	1.04659	0.553803	0.960181	-1.10131	0.514768	0.897863	-1.11376	0.831879	1.03528	1.03528	0.450474	0.882137	-1.13361	0.975384	0.99498	-1.00505	0.975824	0.862228	-1.15979	0.08808093	0.736286	-1.35817	0.628824	0.264917	0.374479	1
cg16935597	TMC8;TMC6	0.748351	0.861445	1.10114	1.10114	0.575483	0.790409	-1.26517	0.217585	0.488997	-2.045	0.672773	1.26401	1.26401	0.502084	0.685678	-1.45841	0.751537	1.19147	1.19147	0.44454	0.650593	-1.53706	0.197534	0.471775	-2.11966	0.634185	1.30263	1.30263	0.628821	1.02935	4.28223	1
cg03630890	TTYH2;MGC16275	0.748353	0.723754	0.881975	-1.13382	0.734758	0.886612	-1.12789	0.670717	0.859543	-1.16341	0.0543493	0.461781	-2.16553	0.96591	0.984998	-1.01523	0.477279	0.774351	-1.2914	0.514065	0.791217	-1.26388	0.907676	0.959774	-1.04191	0.746131	0.8914	-1.12183	0.628819	1.24734	1.76323	1
cg26700487	CR1L	0.748357	0.951173	1.01653	1.01653	0.867512	1.64284	1.64284	0.874347	1.04326	1.04326	0.764401	1.02707	1.02707	0.765407	0.932835	-1.07238	0.753408	0.919115	-1.088	0.098602	0.615492	-1.62472	0.431457	1.25265	1.25265	0.492196	1.20526	1.20526	0.628813	0.713349	1.00839	1
cg22806908	DCP1A	0.748358	0.726284	0.933572	-1.07116	0.595101	1.11061	1.11061	0.3927	0.847794	-1.18653	0.84538	1.03802	1.03802	0.460933	0.908254	-1.10058	1.18058	1.18058	0.310413	1.32786	1.22786	0.257558	1.25996	1.25996	0.873068	1.03176	1.03176	0.303951	1.23149	1.23149	0.628812	0.380931	0.538484	1
cg15579095	BAT1;BAT3	0.748361	0.636603	0.873563	-1.14529	0.36393	1.83976	1.83976	0.216224	2.32719	2.32719	0.751353	1.22915	1.22915	0.567164	0.687004	-1.4556	0.824109	0.865469	-1.15564	0.252972	0.460724	-2.17076	0.797345	1.18739	1.18739	0.905686	0.925954	-1.07997	0.628808	4.19537	5.93961	1
cg14317275	NRXN3;NRXN3;NRXN3	0.748375	0.562624	1.24299	1.24299	0.822744	0.920004	-1.08695	0.933006	1.03174	1.03174	0.189729	0.596805	-1.67559	0.566268	0.806181	-1.24042	0.731077	0.879672	-1.13679	0.532536	1.26481	1.26481	0.181944	0.590674	-1.69298	0.945415	0.974877	-1.02577	0.628788	1.37519	1.94405	1
cg26533737	MIR374A;MIR545;NCRNA00182	0.74838	0.632812	0.81025	-1.23419	0.0995929	0.454303	-2.20117	0.826546	0.908532	-1.10069	0.43797	0.707622	-1.41318	0.594874	0.787839	-1.2693	0.941723	0.968546	-1.03248	0.685997	1.19443	1.19443	0.499758	1.34913	1.34913	0.813715	1.1087	1.1087	0.628781	1.90293	2.69011	1
cg08479532	AMMECR1;AMMECR1L;AMMECR1	0.748388	0.2319	0.803124	-1.87035	0.797795	0.723122	-1.38289	0.688434	0.603118	-1.66357	0.358972	0.29038	3.29038	0.384922	2.45017	2.45017	0.273081	2.63682	2.63682	-2.22187	0.662922	1.73985	1.73985	0.993678	1.39368	1.39368	0.838253	1.29445	1.29445	0.628777	15.8773	22.4456	1
cg13880889	PPP1R8;PPP1R8;PPP1R8	0.748391	0.924821	0.986708	-1.01347	0.692726	0.945249	-1.05792	0.369028	1.13974	1.13974	0.93623	0.98872	-1.01143	0.421202	1.12355	1.12355	0.463202	0.89955	-1.11167	0.706299	1.05514	1.05514	0.58102	0.924015	-1.08223	0.160917	1.23652	1.23652	0.628765	0.200149	0.282951	1
cg22503937	ZNF814	0.748417	0.21741	1.86746	1.86746	0.638433	1.19583	1.25581	0.995096	1.00296	1.00296	0.322113	1.63607	1.63607	0.708695	0.834739	-1.19798	0.332882	1.61732	1.61732	0.728803	0.845809	-1.1823	0.491859	0.714616	-1.39935	0.603909	0.77732	-1.28647	0.628729	2.30675	3.26126	1
cg08657485	PSMG2;CEP76	0.748432	0.889433	1.03277	1.03277	0.722975	0.959467	-1.26029	0.727809	0.938083	-1.066	0.58931	0.905111	-1.10484	0.504483	0.883998	-1.13122	0.615819	1.10697	1.10697	0.125471	0.738149	-1.35437	0.887146	1.02632	1.02632	0.951787	1.01112	1.01112	0.628708	0.333202	0.471092	1
cg14246335	SLITRK1	0.748432	0.64066	0.928435	-1.07708	0.406328	0.874432	-1.1436	0.248074	1.21013	1.21013	0.783537	0.957436	-1.04446	0.604769	1.08596	1.08596	0.781873	0.957106	-1.04482	0.382322	0.86804	-1.15202	0.810613	1.03865	1.03865	0.310545	1.18026	1.18026	0.628707	0.249426	0.351234	1
cg05596135	TXNL4B;TXNL4B;DHX38;TXNL4B	0.748439	0.714002	0.926025	-1.07884	0.550466	0.92132	-1.11206	0.751693	1.13074	1.13074	0.458046	1.16857	1.16857	0.22186	1.30303	1.30303	0.471857	1.16285	1.16285	0.697043	0.922511	-1.0844	0.945489	1.0142	1.0142	0.598944	1.11562	1.11562	0.628698	0.423585	0.593824	1
cg23886747	ADAMTS8	0.748451	0.143423	0.486244	-2.05658	?	?	?	?	?	?	?	?	?	?	?	?	0.920157	1.04705	1.04705	0.557664	0.761906	-1.3125	0.288671	0.603425	-1.65721	0.464639	0.710845	-1.40678	0.612113	1.81235	2.96081	1
cg18965980	RPTOR;RPTOR	0.748455	0.347075	1.36491	1.36491	0.179247	1.58153	1.58153	0.522804	1.23043	1.23043	0.929268	0.971877	-1.02894	0.768377	1.30064	1.30064	0.121047	1.71629	1.71629	0.024393	0.571998	1.7498	1.7498	1.06731	0.922264	1.03186	1.03186	0.628665	0.102788	0.145355	1
cg08452898	TIMM13	0.748466	?	?	?	0.645992	0.645242	-1.54981	0.481988	0.506992	-1.97242	0.871253	0.857862	-1.16569	0.168172	4.13876	4.13876	?	?	?	0.926983	1.09048	1.09048	0.645973	1.54984	1.54984	0.766816	0.754805	-1.32485	0.588513	6.16492	8.97802	1
cg21782357	CCDC126	0.748466	0.75912	1.06767	1.06767	0.769112	0.939465	-1.06444	0.905125	0.974933	-1.02571	0.819186	1.04996	1.04996	0.977388	0.993984	-1.00605	0.741819	1.07292	1.07292	0.14916	1.39006	1.81895	1.05004	1.05004	0.181208	0.739176	-1.35286	0.628666	0.451132	0.638157	1
cg18621277	TIMP3	0.748473	0.344163	0.771587	-1.29609	0.804956	0.919586	-1.08739	0.838595	0.976427	-1.02414	0.33571	1.062439	1.062439	0.815164	0.966233	-1.03502	0.749039	0.918248	-1.08933	0.135334	1.53474	1.53474	0.742382	0.915966	-1.09174	0.979845	0.9933	-1.00675	0.62865	0.705068	0.990442	1
cg10490717	RERE;RERE	0.748474	0.812326	0.936843	-1.06741	0.152518	1.57648	1.57648	0.512117	1.20006	1.20006	0.299213	0.744443	-1.34329	0.859814	1.04968	1.04968	0.850949	1.05295	1.05295	0.572139	0.855066	-1.1695	0.895741	1.03662	1.03662	0.943017	0.980583	-1.0198	0.628649	0.749076	1.05917	1
cg12739761	QTRT1	0.748476	0.571856	0.876579	-1.1408	0.526818	1.42856	1.42856	0.153544	0.820354	-1.21899	0.661164	0.903298	-1.10705	0.581774	1.24	1.24	0.68966	1.09097	1.09097	0.363594	1.24	1.24	0.497359	0.829701	-1.20525	0.602501	0.88589	-1.12881	0.628644	0.529386	0.748541	1
cg00685095	KIF5B	0.748481	0.3048	1.24256	1.24256	0.52594	0.85203	-1.17367	0.510775	0.846866	-1.18082	0.488133	1.19185	1.19185	0.285855	1.3181	1.3181	0.828631	1.94718	1.94718	-1.0555	0.451404	1.21069	1.21069	0.339171	1.27824	1.27824	0.452593	1.21006	1.21006	0.628639	0.618174	0.874091	1
cg12754421	GRIA4;GRIA4;GRIA4;GRIA4	0.748486	0.656773	0.914182	-1.09387	0.313254	1.23275	1.23275	0.278182	1.25386	1.25386	0.223209	0.773552	-1.29274	0.58586	1.3181	1.3181	0.666701	0.916744	-1.09082	0.807621	1.05016	1.05016	0.774365	1.05936	1.05936	0.925222	0.981342	-1.01901	0.628632	0.400725	0.566628	1
cg00338702	CHFR;CHFR;CHFR;CHFR;CHFR	0.748487	0.558782	1.18352	1.18352	0.492008	0.956256	-1.04566	0.852356	0.965983	-1.03596	0.765253	1.22512	-1.0914	0.458899	1.21856	1.21856	0.428828	0.786155	1.27196	0.165441	1.19356	1.19356	0.995596	0.998833	1.00167	0.245348	1.43615	1.43615	0.628631	0.883439	1.24919	1
cg04065603	HSF1	0.7485	0.972248	0.992243	-1.00782	0.204049	0.740771	-1.34995	0.803623	1.05736	1.05736	0.69151	0.914586	-1.09339	0.759052	0.933447	-1.0713	0.555689	1.14273	1.14273	0.320158	0.713252	0.710315	-1.40783	0.864948	0.96261	-1.03884	0.628613	0.498916	0.705491	1
cg18281016	ZNF8;ZNF8	0.748488	0.644001	1.07571	1.07571	0.725203	0.914234	-1.09334	0.65222	0.889274	-1.1697	0.616535	0.932351	-1.07282	0.515922	1.10951	1.10951	0.643128	1.47353	1.47353	0.005908	1.54132	1.54132	0.144621	1.10386	1.10386	0.160772	1.19528	1.19528	0.628556	0.293766	0.41237	1
cg07556911	MAD1L1;MAD1L1;MAD1L1 TFM1;TFM1;TFM1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(1057 vs. N)	Fold-Change(1 vs.057)	p-value(1117 vs. N)	Fold-Change(1 vs.117)	p-value(1127 vs. N)	Fold-Change(1 vs.127)	p-value(1217 vs. N)	Fold-Change(1 vs.217)	p-value(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1 vs.477)	p-value(1537 vs. N)	Fold-Change(1 vs.537)	p-value(1577 vs. N)	Fold-Change(1 vs.577)	p-value(1637 vs. N)	Fold-Change(1 vs.637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04113880	FAM128A,LOC150776	0.749534	0.827722	0.979269	-1.02117	0.529892	0.940667	-1.06308	0.42869	1.08076	1.08076	0.918826	1.08985	1.08985	0.414093	1.08356	1.08356	0.495765	1.06874	1.06874	0.550854	1.05972	1.05972	0.305451	1.10738	1.10738	0.163129	1.15476	1.15476	0.627164	0.09176819	0.130064	1
cg01006048	GPR158	0.749539	0.393584	3.62589	3.62589	0.421989	3.35017	0.355017	0.675829	0.538014	-1.85869	0.338294	4.2841	4.2841	0.53225	0.385361	-2.59497	0.560847	0.420297	-2.37927	0.576302	2.29817	2.29817	0.603175	2.16632	2.16632	0.355884	2.046656	-4.05423	0.627158	21.5798	30.5856	1
cg27255329	PKHD1,PKHD1	0.749545	0.371495	0.428244	-2.33512	0.866475	1.16828	1.16828	0.553928	1.73907	1.73907	0.773103	1.30628	1.30628	0.355484	0.415421	-2.40719	0.47632	0.512043	-1.95296	0.204146	0.2898	0.2898	-3.45059	0.355414	0.415365	-2.40752	0.8200	1.23446	1.23446	0.627149	8.4843	12.0252	1
cg05999005	ARL5A,ARL5A,ARL5A	0.749548	0.844497	0.891145	-1.12215	0.340477	1.77982	1.77982	0.760243	1.13677	1.13677	0.234188	0.481002	-2.07899	0.845936	1.12015	1.12015	0.421497	1.61916	1.61916	0.484531	0.659092	-1.51724	0.648652	1.30894	1.30894	0.137452	1.70146	1.70146	0.627144	3.42094	4.8487	1
cg10825398	IRF2BP2,IRF2BP2	0.74955	0.904345	0.934587	-1.06999	0.591871	1.356	1.356	0.778607	0.853339	-1.17187	0.40826	0.621283	-1.60957	0.127926	0.396082	-2.52473	?	?	?	0.798264	0.865779	-1.61559	0.846796	1.11499	1.11499	0.531239	1.42888	1.42888	0.610552	2.72127	4.45777	1
cg22168386	TNFRSF19,TNFRSF19	0.749551	0.638989	1.3288	1.3288	0.312675	0.533402	1.82476	0.235755	0.475511	-2.11188	0.845866	0.889499	-1.12423	0.144117	0.380031	-2.57049	0.68133	0.780025	-1.28201	0.890094	1.08674	1.08674	0.554012	0.609571	-1.43154	0.658729	0.765345	-1.3066	0.627141	3.59551	5.09616	1
cg05385059	SS18L1,PSMA7	0.749558	0.220326	2.01698	2.01698	0.227852	1.95207	1.99207	0.686788	1.24694	1.24694	0.823298	0.885354	-1.12949	0.955025	0.96976	-1.03118	0.59315	0.745563	-1.34127	0.647684	1.28467	1.28467	0.345497	0.580212	-1.69718	0.895572	1.07412	1.07412	0.62713	2.94416	4.17303	1
cg27649396	C1orf153	0.749591	0.584533	2.11816	2.11816	0.432677	2.96057	2.96057	0.29193	0.643565	-1.62717	0.585059	2.11589	2.11589	0.521885	0.41381	-2.41557	0.495705	0.350154	-2.56073	0.489199	2.59899	2.59899	0.255059	0.198641	-5.02936	0.442753	2.86951	2.86951	0.627084	18.3509	26.0123	1
cg13264059	PTPRE,PTPRE	0.749593	0.432991	0.572536	-1.76462	0.613896	1.42465	1.42465	0.886903	1.25814	1.25814	0.459792	2.1749	2.1749	0.309115	0.28654	-3.49202	?	?	?	0.366136	0.523195	-1.91133	0.976044	0.979352	-1.02108	0.884953	0.87622	-1.14127	0.608554	4.04896	5.82175	1
cg09143576	ZBTB48,ZBTB48	0.749622	0.379169	0.664941	-1.50389	0.623762	1.25058	1.25058	0.939886	1.0347	1.0347	0.181535	0.526516	-1.89928	0.700056	0.839388	-1.19134	?	?	?	0.400068	0.677324	-1.4764	0.490665	1.37252	1.37252	0.919072	0.955074	-1.04704	0.610449	1.758	2.87985	1
cg23203166	RADS1L3,RADS1L3,RADS1L3	0.749623	0.905628	0.95203	-1.05013	0.413813	0.451924	2.21259	0.275924	0.832216	-1.20161	0.75924	0.704558	0.782577	-1.27784	0.342877	2.91553	0.704558	0.782577	-1.27784	0.342877	2.91553	0.704558	0.782577	-1.27784	0.342877	2.91553	1.82523	1.82523	0.627153	1.56542	0.610449	0.610449	0.627153	1.56542	0.610449	0.610449	0.627153	1.56542	0.610449	0.610449

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S(Test)	SS(Error)	F(Error
cg14015015	PPARD;PPARD	0.750068	0.93985	0.996205	0.0458	1.3122068	0.537643	1.85997	0.36108	0.572846	1.74567	0.706255	1.25193	1.25193	0.411189	0.607341	1.64652	0.47687	0.651021	-1.53805	0.257202	0.49598	2.01621	0.357239	0.570146	-1.75394	0.546691	1.43613	0.625239	3.68703	4.95743	1
cg06667574	IGLON5	0.750911	0.204557	2.11756	2.11756	0.63024	1.31237	1.31237	0.493317	0.677134	-1.47682	0.804805	0.922886	-1.08356	0.2005O5	2.13354	2.13354	0.834586	1.12433	1.12433	0.464675	1.51747	1.51747	0.587146	1.35968	1.35968	0.693093	0.800676	-1.24894	0.625235	3.11008	4.42156	1
cg00831466	KLHL22	0.750914	0.183755	0.364344	-2.74466	0.946662	0.95323	-1.04906	0.4025S4	1.84654	1.84654	0.264364	0.434786	-2.29998	0.602932	0.686782	-1.45607	0.380281	0.525005	-1.90474	0.535637	0.638205	-1.5569	0.845567	0.869694	-1.14983	0.56122	0.656642	-1.5229	0.625231	5.07569	7.2161	1
cg15238694	LOC144742	0.750916	0.551865	0.631479	-1.58358	0.230107	0.369124	-2.70869	0.7084B6	1.742864	-1.34614	0.858331	1.88434	-1.15189	0.241655	0.379113	-2.63773	0.372562	0.484573	-2.06367	0.180523	0.324534	-3.08134	0.284228	0.414615	-2.41188	0.71408	0.747351	-1.33806	0.625225	6.20196	8.8174	1
cg18494630	MTM1	0.750921	0.552258	0.657309	-1.52135	0.753572	1.24578	1.24578	0.199197	2.57696	2.57696	0.180918	2.69466	2.69466	0.354858	0.867235	-1.15309	0.494374	0.616162	-1.62295	0.852118	0.8779	-1.13908	0.960848	1.03485	1.03485	0.889423	1.10194	0.105924	0.625231	4.82177	6.85521	1
cg19787125	SDK2	0.750932	0.407327	1.81787	1.81787	0.365065	2.01977	2.01977	0.992996	0.993932	-1.00665	0.481883	1.7159	1.7159	0.16216	3.08745	3.08745	0.486122	1.70669	1.70669	0.232698	2.57355	2.57355	0.259915	2.42947	2.42947	0.622682	1.45444	1.45444	0.625205	5.64949	8.03219	1
cg00004429	EHMT1	0.750939	0.392226	0.648355	-1.54236	0.785226	0.873683	-1.14458	0.39437	0.649680	-1.5392	0.844044	0.907223	-1.10227	0.359855	0.627895	-1.59262	0.612666	0.776948	-1.28709	0.61993	0.777657	-1.28591	0.234132	1.85259	1.85259	0.513355	1.38776	1.38776	0.625195	2.41981	3.44043	1
cg01194624	CDL13A2;CDL11A2;CDL11A2	0.750984	0.511132	1.29053	1.33693	0.250946	1.70721	1.70721	0.305687	1.63343	1.63343	0.191783	1.47622	1.47622	0.456232	0.956166	0.678684	-1.47301	0.63402	1.23773	1.23773	0.340599	0.866588	-1.15382	0.411899	1.42997	1.42997	0.860282	0.93445	-1.08172	0.625133	1.9684	2.7989	1
cg08494871	IQCK	0.750993	0.568422	0.755357	1.32388	0.529179	0.733261	-1.36377	0.474466	1.742144	1.74214	0.427314	0.356069	2.80756	0.168692	5.93722	5.51192	0.502883	0.551599	1.81356	0.633402	1.57956	0.632402	1.58033	1.26433	1.26433	0.272724	1.74294	1.74294	0.625142	2.13498	3.33443	1
cg12290002	FBXO5;FBXO5;FBXO5	0.75101	0.536612	0.837167	-1.1945	0.99662	0.998797	-1.0012	0.309815	1.34785	1.34785	0.784153	0.924977	-1.08111	0.595493	1.16438	1.16438	0.968011	1.01113	1.01113	0.135586	0.633262	-1.57912	0.862165	0.95184	-1.0506	0.591227	1.16648	1.16648	0.625097	0.798699	1.13575	1
cg05156566	SOX5	0.751017	0.767301	1.12237	1.12237	0.489853	1.12462	1.12462	0.460599	0.741698	-1.34826	0.603701	1.22256	1.22256	0.814202	0.821735	-1.21726	0.632571	1.2061	1.2061	0.693709	1.16647	1.16647	0.505099	1.51156	1.51156	0.581513	0.805279	1.24381	1.24381	0.625086	1.49829	2.1306	1
cg24655476	FOLH1B	0.751022	0.146957	2.92443	-3.41947	0.584239	1.74727	-1.54727	0.16936	0.314609	-3.17855	0.908055	0.912781	-1.09555	0.481666	0.568406	-1.7593	0.316549	0.450783	-2.21836	0.441752	0.546851	-1.82865	0.289001	0.378468	-2.64223	0.991753	0.992078	-1.00798	0.625044	5.86147	8.33572	1
cg18920088	MTHFD1L	0.751047	0.434487	0.541395	-1.84708	0.267956	0.941767	-1.06597	0.787581	0.832353	-1.20099	0.980807	1.01868	-1.01868	0.275561	0.41777	-2.39366	0.183042	0.583156	-1.71481	0.914604	1.04201	1.04201	0.473483	0.755996	-1.32276	0.901951	1.04842	1.04842	0.625039	1.45723	2.07238	1
cg03687650	OSBPL5;OSBPL5;OSBPL5	0.751061	0.639377	0.743886	-1.34429	0.512723	0.659546	-1.51619	0.482184	1.56489	1.56489	0.877883	1.1012	1.1012	0.496992	0.648994	-1.54085	0.32208	0.526617	-1.89891	0.289985	0.32208	3.10925	0.317018	0.5154	-1.94024	0.534403	1.4836	1.4836	0.625028	3.89058	5.53305	1
cg01604322	EDIL3	0.751068	0.58993	1.08067	1.08067	0.925804	1.15354	1.15354	0.144539	1.247	1.247	0.135751	1.28885	1.28885	0.867856	1.15759	1.78851	0.55924	1.02423	1.02423	0.59829	1.08015	1.08015	0.956774	1.00859	1.00859	0.861779	0.972869	-1.02789	0.625015	0.246591	0.350698	1
cg16394260	DR1;DR1	0.751073	0.269776	0.683287	-1.46351	0.150632	0.600181	-1.66617	0.909932	1.03821	1.03821	0.964872	0.985511	-1.0147	0.35621	0.730161	-1.36956	0.240265	0.665334	-1.50301	0.80374	0.920795	-1.08602	0.938179	0.974621	-1.02604	0.965269	1.01453	1.01453	0.625009	1.08714	1.54613	1
cg17738576	MLLT6	0.751085	0.222828	1.42757	1.42757	0.965258	1.10218	1.10218	0.793823	1.0755	1.0755	0.722444	1.1042	1.1042	0.424028	1.25473	1.25473	0.345821	1.30974	1.30974	0.166493	1.52064	1.52064	0.967686	0.988805	-1.01132	0.573934	0.853941	-1.17104	0.624992	0.764565	1.0874	1
cg06513312	MEGF6	0.751096	0.331129	0.80414	-1.80414	0.155339	0.44678	-2.44678	0.379828	1.66919	1.66919	0.463288	0.544771	-1.55166	0.616056	0.742657	-1.34652	0.729247	1.22688	1.22688	0.832294	1.13291	1.13291	0.946651	1.31209	1.31209	0.705757	1.25009	1.25009	0.624976	3.42772	4.87517	1
cg06961147	TANC1;TANC1	0.751106	0.473088	0.713156	-1.40222	0.264215	0.58326	-1.71545	0.670229	0.820009	-1.2195	0.640697	0.80432	-1.24329	0.309493	0.614332	-1.62778	0.429616	0.68831	-1.45283	0.100083	0.433997	-2.30416	0.51665	0.737407	-1.3561	0.712533	0.842447	-1.18702	0.624962	2.12424	3.02132	1
cg00906820	GPR123	0.751112	0.895252	0.9167	1.09087	0.823955	2.19586	2.19586	0.261673	2.1659	2.1659	0.608824	1.31402	1.31402	0.334472	0.550315	-1.99738	0.90224	1.08452	1.08452	0.737918	1.24824	1.24824	0.849702	0.928213	-1.11364	0.447093	1.059935	1.066865	0.624954	4.31498	6.13731	1
cg22426944	MEF2C;MEF2C	0.751112	0.761651	1.31633	1.31633	0.585154	1.64545	1.64545	0.753718	1.3289	1.3289	0.913071	0.906051	-1.10369	0.49211	0.532403	-1.87827	0.869038	0.861494	-1.16077	0.22865	0.33146	-3.0174	0.479439	0.91408	0.206163	0.299761	-3.33599	0.624954	8.0792	11.4913	1
cg12483466	MYL6B	0.751132	0.788539	1.08698	1.08698	0.265445	0.661389	-1.51197	0.864567	1.15355	1.15355	0.554969	1.20352	1.20352	0.658588	1.13042	1.13042	0.425812	1.2185	1.2185	0.22338	1.48719	1.48719	0.842409	1.07959	1.07959	0.667737	1.25763	1.25763	0.624942	0.992078	1.40708	1
cg27339395	LOC157381	0.751129	0.408549	1.34166	1.34166	0.680239	1.15499	1.15499	0.368077	1.37914	1.37914	0.834707	0.929924	-1.07536	0.619779	0.840373	-1.18995	0.908252	1.0409	1.0409	0.86724	1.0599	1.0599	0.984859	1.00662	1.00662	0.129695	0.56598	-1.76685	0.62493	1.19657	1.70197	1
cg27002247	ZSCAN1	0.751132	0.185853	0.428359	-2.33449	0.756447	0.828568	-1.20687	0.339535	1.81295	1.81295	0.87597	0.909917	-1.099	0.561827	1.42549	1.42549	0.990801	1.00699	1.00699	0.508817	0.669923	-1.49942	0.564535	0.703272	-1.42192	0.448164	1.59551	1.59551	0.624926	3.61545	5.14258	1
cg26705237	FBP1;FBP1	0.751137	0.815074	0.9595	1.04965	0.538759	1.54692	1.54692	0.764981	1.18244	1.18244	0.890964	1.11987	1.11987	0.517162	1.28144	1.28144	0.278751	1.50186	1.50186	0.111984	2.08544	2.08544	0.508249	1.43982	1.43982	0.502182	1.47385	1.47385	0.92173	1.03781	1.41126	1.20739	1
cg23079262	ITGA1;PELO	0.751151	0.395218	0.549738	-1.81905	0.132475	0.327744	-3.05116	0.877717	0.899605	-1.1116	0.622961	1.40567	1.40567	0.763131	1.23285	1.23285	0.528568	1.55071	1.55071	?	?	0.923977	0.93652	-1.06778	0.885316	1.10444	1.10444	0.608279	0.4032	0.64695	1
cg02326098	HCG27	0.751153	0.654954	0.799346	1.25103	0.532403	1.17132	1.17132	0.823054	0.834452	-1.19553	0.421203	0.836782	-1.19505	0.511068	1.95672	1.95672	0.358149	0.624698	1.60077	0.348948	0.618728	-1.61622	0.497209	0.643165	1.55455	0.725311	0.733111	-1.4852	0.624908	2.45347	3.44995	1
cg27532331	SNTG1	0.751163	0.934936	1.02051	1.02051	0.914346	1.02712	1.02712	0.281969	1.32055	1.32055	0.562171	1.15689	1.15689	0.205725	1.39372	1.39372	0.399501	1.2923	1.2923	0.248325	1.35001	1.35001	0.908796	0.999625	-1.00038	0.543481	0.858189	1.16524	0.624881	1.612048	0.870634	1
cg06339248	ZDHHC5	0.751174	0.922313	1.02037	1.02337	0.575748	1.14327	1.14327	0.625976	1.12336	1.12336	0.756281	1.07652	1.07652	0.79415	1.06388	1.06388	0.881561	0.965309	-1.03594	0.411823	0.819773	-1.21985	0.366577	1.24567	1.24567	1.07638	1.5156	1.5156	0.624866	0.555045	0.789566	1
cg08347423	ERP44;NVS;INVS;ERP44	0.751178	0.45928	1.57975	1.57975	0.842304	1.46348	1.46348	0.256467	1.1058	1.1058	0.142973	1.34648	1.34648	0.165665	1.70772	1.70772	0.339625	1.49349	1.49349	0.185568	1.54075	1.54075	0.756952	1.08115	1.08115	0.806784	1.64387	1.64387	0.624864	1.64387	2.33846	1
cg10848980	PRAF2	0.75118	?	?	?	0.246136	0.107373	-9.31332	0.767549	0.579658	-1.72515	0.419225	0.56502	0.563056	0.903056	1.25129	1.25129	0.255866	0.112804	8.8649	0.495232	3.57535	3.57535	0.364532	0.14854	0.0855	0.7095	0.562696	-1.59694	0.608237	29.9817	47.6487	1
cg13227621	ZSWIM5	0.751207	0.482067	1.22532	1.22532	0.950756	0.984097	-1.01554	0.853264	0.840547	-1.0648	0.422104	0.74905	-1.34054	0.200036	0.680457	-1.4696	0.550399	0.8109	-1.23325	0.868371	1.0483	1.0483	0.750053	0.98163	-1.18293	0.842881	0.980178	1.02033	0.624857	0.830373	1.13804	1
cg14790353	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1	0.751213	0.706976	0.745893	-1.34068	0.781771	0.786472	-1.2715	0.520721	0.603275	-1.65762	0.31108	0.45608	-2.19727	0.562853	0.57482	-1.57482	0.395073	0.508551	-1.96637	0.134065	0.285582	-3.50163	0.780231	1.23245	1.23245	0.76114	1.22882	1.22882	0.624818	5.96388	8.48443	1
cg12571687	HSPB9;MB1	0.751215	0.970501	0.988405	1.01173	0.424678	1.29123	1.29123	0.498394	0.805114	-1.24206	0.459382	0.788321	-1.2682	0.896698	0.958959	1.04182	0.774501	1.03332	1.03332	0.659588	1.12052	1.12052	0.615003	0.886199	0.879763	-1.13667	0.624815	0.984361	1.4004	1
cg07985720	MAGI2	0.751229	0.349979	0.740106	-1.35116	0.396939	0.762344	-1.31174	0.973803	0.98978	-1.01033	0.445141	0.783884	-1.2757	0.353417	0.741784	-1.3481	0.173176	0.633862	-1.57763	0.27901	0.703207	-1.42206	0.294353	0.7116	-1.40528	0.46987	0.794532	-1.2586	0.62479	0.968387	1.37772	1
cg11139446	SGSD;SGCD;SGCD	0.751232	0.309368	1.51661	1.51661	0.869823	1.12381	1.12381	0.548455	0.93565	-1.0687	0.677402	0.732534	-1.36516	0.883663	0.97445	-1.02604	0.675059	0.7318	-1.36724	0.503981	0.69545	1.43773	0.703309	0.702404	0.784512	-1.27468	0.742506	1.23173	1.23173	0.387733	1.75011	0.624784	0.95482	1.56257	1
cg17791766	HSPB1;HSPB1;HSPB1;HSPB1;HSPB1	0.751233	0.42866	0.600002	-1.66666	0.841625	0.881193	-1.13483	0.425173	1.67339	1.67339	0.705053	1.27175	1.27175	0.228524	0.867568	1.15265	0.14313	0.73089	1.36853	0.170403	0.702404	0.784512	-1.27468	0.742506	1.23173	1.23173	0.387733	1.75011	0.624784	0.95482	1.56257	1
cg12672779	HMHB1	0.751237	0.239572	0.726972	-1.37557	0.232176	0.722996	-1.38313	0.320472	0.766597	-1.30447	0.514351	0.842642	-1.18674	0.365793	0.786166	-1.272	0.24313	0.94626	-1.05679	0.485349	1.2015	1.2015	0.663363	0.892794	-1.12008	0.98065	0.99374	-1.0063	0.624778	0.663371	0.943797	1
cg09232068	MTCH2	0.751238	0.509059	1.18161	1.18161	0.600004	0.778327	-1.28497	0.731139	1.21197	-1.21197	0.761355	0.834452	-1.19553	0.432855	0.836782	-1.19505	0.511068	1.95672	1.95672	0.717252	1.3939	1.3939	0.763422	1.31045	1.31045	0.744409	0.499668	1.02337	1.02337	0.800796	0.927293	-1.07941	0.624777	0.882064	1.25494	1
cg07670722	RELN;RELN	0.751243	0.241997	1.48568	1.48568	0.272588	0.691326	-1.4665	0.796785	0.919964	-1.087	0.700986	0.882738	-1.13284	0.311875	0.713053	-1.40242	0.927161	0.970875	-1.03	0.726068	1.12043	1.12043	0.986537	1.00547	1.00547	0.69269	1.27206	1.27206	0.624787	1.26487	1.62477	1.03404	1.47118	1
cg20712669	NOTCH1	0.751244	0.328703	0.614254	-1.63274	0.132401	0.599314	-1.66821	0.744119	0.744119	-1.34356	0.688809	0.744119	-1.34356	0.688809	0.744119	-1.34356	0.688809

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07935733	MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD;MTHFSD	0.752178	0.63956	0.890577	-1.12287	0.962918	1.01149	1.01149	0.241703	1.35131	1.35131	0.857342	1.0452	1.0452	0.47379	1.19601	1.19601	0.865726	1.04246	1.04246	0.109988	1.53421	1.53421	0.885809	1.03594	1.03594	0.49931	1.18352	1.18352	0.623461	0.596036	0.849789	1
cg03857384	OSBPL5;OSBPL5;OSBPL5	0.75218	0.533505	1.98168	1.98168	0.0804883	8.18705	8.18705	0.335528	2.93594	2.93594	0.839825	1.24543	1.24543	0.600806	0.564072	-1.77282	0.782877	1.3493	1.3493	0.798285	1.32015	1.32015	0.851561	1.22527	1.22527	0.946142	1.07602	1.07602	0.623457	11.6139	16.5584	1
cg00417288	CCND2	0.752189	0.929673	0.951927	-1.0505	0.211638	2.08428	2.08428	0.522014	1.43647	1.43647	0.459098	1.52308	1.52308	0.638217	1.30256	1.30256	0.895739	1.07592	1.07592	0.21808	0.485238	-2.06085	0.85732	1.10566	1.10566	0.482832	1.48895	1.48895	0.623444	3.07588	4.3855	1
cg20702802	QTRT1	0.7522	0.860629	1.03714	1.03714	0.973322	0.993085	-1.00696	0.798066	1.05464	1.05464	0.505928	1.15034	1.15034	0.171789	0.739446	-1.35236	0.80927	1.05146	1.05146	0.190638	1.33318	1.33318	0.944471	0.98565	-1.01456	0.622559	1.10844	1.10844	0.623429	0.42515	0.606181	1
cg19538089	GAD1;GAD1;GAD1;GAD1	0.752205	0.740189	1.09412	1.09412	0.650794	1.13109	1.13109	0.722945	0.908262	-1.101	0.329497	0.761835	-1.31262	0.881811	1.04103	1.04103	0.160102	1.50033	1.50033	0.679772	0.893869	-1.11873	0.966162	0.988599	-1.01153	0.371425	0.780302	-1.28155	0.623422	0.721438	1.02864	1
cg16641060	NKRF;NKRF	0.752218	0.303619	0.257088	-3.88972	0.893782	1.18567	1.18567	0.994504	1.00882	1.00882	0.147286	7.26101	7.26101	0.973213	0.958097	-1.04374	0.319721	0.269585	-3.70941	0.845916	1.28151	1.28151	0.818428	1.34065	1.34065	0.876019	1.22024	1.22024	0.623403	16.047	22.8809	1
cg21680729	PEMT;PEMT;PEMT	0.75222	0.609234	1.32014	1.32014	0.826767	1.12533	1.12533	0.707167	1.22544	1.22544	0.75244	0.843271	-1.18586	0.512715	1.42997	1.42997	0.815274	1.13437	1.13437	0.0951117	2.68575	2.68575	0.774303	1.16752	1.16752	0.403042	0.630656	-1.58565	0.623401	2.86532	4.08557	1
cg04529582	TM9SF4;TM9SF4	0.752226	0.974135	1.00573	1.00573	0.538162	0.895941	-1.11615	0.33305	1.19247	1.19247	0.517742	1.12256	1.12256	0.24692	0.807803	-1.23793	0.262605	1.22864	1.22864	0.922255	1.01736	1.01736	0.904783	1.02132	1.02132	0.627881	1.08992	1.08992	0.623393	0.306836	0.437513	1
cg19272238	BIRC5;EPR1;BIRC5;BIRC5	0.752228	0.424034	0.558764	-1.78966	0.40597	0.545503	-1.83317	0.491435	1.64569	1.64569	0.688221	1.33315	1.33315	0.398271	0.539822	-1.85246	0.811275	0.843224	-1.18592	0.200848	0.381719	-2.61973	0.432698	0.565094	-1.76962	0.742702	1.26469	1.26469	0.62339	5.01708	7.15383	1
cg09813647	RNF213;LOC100294362	0.752228	0.4231	1.88859	1.88859	0.810749	0.829921	-1.20493	0.744133	0.775297	-1.28983	0.212682	0.3606	-2.77316	0.59171	1.52311	1.52311	0.178453	0.329243	-3.03727	0.841487	1.16837	1.16837	0.889678	0.897758	-1.11389	0.918142	0.923219	-1.08317	0.623389	5.96238	8.50174	1
cg21032266	C14orf43;C14orf43	0.752236	0.489566	1.35908	1.35908	0.300814	1.59777	1.59777	0.103923	2.17527	2.17527	0.281593	1.63087	1.63087	0.94899	1.02836	1.02836	0.834014	1.09606	1.09606	0.609284	1.25271	1.25271	0.553281	1.2997	1.2997	0.440694	1.41012	1.41012	0.623378	1.88615	2.68951	1
cg21211882	EPB41L1;EPB41L1	0.752264	0.373966	1.77163	1.77163	0.490694	1.55069	1.55069	0.3227	0.527216	-1.89675	0.379154	0.568135	-1.76015	0.77542	0.835899	-1.19632	0.964182	0.972251	-1.02854	0.606826	1.38443	1.38443	0.416476	1.68272	1.68272	0.430756	1.65526	1.65526	0.623339	3.87691	5.52852	1
cg13730859	DVL3	0.752265	0.469661	1.22415	1.22415	0.444942	1.23875	1.23875	0.217938	1.42809	1.42809	0.579198	0.857257	-1.16651	0.37796	1.28238	1.28238	0.790361	1.07601	1.07601	0.739547	0.912348	-1.09607	0.719559	1.10421	1.10421	0.374945	0.778505	-1.28451	0.623338	0.746306	1.06424	1
cg13262752	YIPF1	0.752275	0.528857	0.756406	-1.32204	0.483297	1.36581	1.36581	0.280995	1.63284	1.63284	0.64757	1.22312	1.22312	0.932899	0.963822	-1.03754	0.200695	0.553554	-1.80651	0.806837	1.11315	1.11315	0.797928	1.11881	1.11881	0.531422	0.757754	-1.31969	0.623324	1.89025	2.69558	1
cg18789887	GALNTL2	0.752282	0.791799	1.19394	1.19394	0.542393	1.51161	1.51161	0.581415	1.45222	1.45222	0.716461	1.27684	1.27684	0.625403	0.719164	-1.3905	0.213375	0.415631	-2.40598	0.462336	0.605735	-1.65089	0.309585	0.494342	-2.02289	0.581005	1.45282	1.45282	0.623314	4.43179	6.32004	1
cg18130058	LYST	0.752283	0.45667	0.88925	-1.12454	0.380093	1.1496	1.1496	0.428076	1.13346	1.13346	0.947646	1.01022	1.01022	0.620776	1.08028	1.08028	0.122149	1.29617	1.29617	0.895089	0.979779	-1.02064	0.784514	1.04335	1.04335	0.788488	0.95922	-1.04251	0.623313	0.23668	0.337523	1
cg03639367	TMEM38A;C19orf42	0.752295	0.708652	0.911379	-1.09724	0.762639	0.927852	-1.07776	0.696805	0.907737	-1.10164	0.244154	1.35152	1.35152	0.343162	1.27306	1.27306	0.403365	1.23541	1.23541	0.484245	1.19212	1.19212	0.987651	1.00383	1.00383	0.235036	1.36028	1.36028	0.623296	0.603321	0.860402	1
cg04802171	TULP4;TULP4	0.752325	0.609081	0.762307	-1.31181	0.255863	1.86664	1.86664	0.754084	1.17982	1.17982	0.783788	1.15573	1.15573	0.215397	0.503507	-1.98607	0.850178	0.905285	-1.10462	0.345172	0.599527	-1.66798	0.691723	0.810813	-1.23333	0.578075	0.744043	-1.34401	0.623254	2.73321	3.89812	1
cg21003323	PDZK1	0.752345	0.628928	0.871508	-1.14744	0.603185	1.15966	1.15966	0.867995	1.0481	1.0481	0.350629	1.31171	1.31171	0.286276	1.3672	1.3672	0.334504	0.754938	-1.32461	0.287965	1.36559	1.36559	0.936292	0.977674	-1.02284	0.792484	0.928235	-1.07731	0.623226	0.787393	1.12304	1
cg27474516	APLN	0.75235	0.215487	0.313244	-3.1924	0.931867	1.07911	1.07911	0.675381	0.687289	-1.45499	0.416071	2.09612	2.09612	0.973998	0.971397	-1.02945	0.222176	0.319073	-3.13408	0.347957	0.42299	-2.36412	0.810569	1.23838	1.23838	0.931327	0.926129	-1.07976	0.623219	7.82499	11.1607	1
cg20818151	ZXDB	0.752355	0.282867	0.437163	-2.28748	0.205041	0.370997	-2.69544	0.378256	0.511518	-1.95496	0.542851	1.57893	1.57893	0.558487	0.644831	-1.55079	0.267022	0.424223	-2.35725	0.848549	0.86782	-1.15231	0.74095	0.78191	-1.27892	0.910926	1.08652	1.08652	0.623212	5.42751	7.74127	1
cg00870514	RAB11FIP4	0.752372	0.996403	1.00201	1.00201	0.444414	0.706708	-1.41501	0.672821	1.20818	1.20818	0.529143	1.32826	1.32826	0.352454	0.653096	-1.53117	0.579065	1.28339	1.28339	0.196267	1.8375	1.8375	0.4422	1.4175	1.4175	0.862176	0.925549	-1.08044	0.623188	1.95668	2.79092	1
cg07173484	ELMO3;MIR328	0.75238	0.685115	0.870191	-1.14917	0.895244	1.04596	1.04596	0.53873	0.808734	-1.2365	0.676065	1.1541	1.1541	0.255488	0.667048	-1.49914	0.359223	0.725038	-1.37924	0.211463	1.56673	1.56673	0.909324	1.03962	1.03962	0.908362	1.04005	1.04005	0.623177	1.14814	1.63769	1
cg16236672	SACS	0.752382	0.769697	1.25704	1.25704	0.174684	3.08001	3.08001	0.454471	1.81064	1.81064	0.658481	1.41428	1.41428	0.531148	0.609992	-1.63937	0.961282	1.03855	1.03855	0.758401	1.27176	1.27176	0.279568	2.40112	2.40112	0.256111	2.5186	2.5186	0.623174	5.9926	8.54778	1
cg19107120	GRN	0.75239	0.390598	0.71472	-1.39915	0.314674	1.48731	1.48731	0.274292	1.54389	1.54389	0.741878	0.881447	-1.1345	0.737209	0.879345	-1.13721	0.886294	1.05615	1.05615	0.401125	0.720284	-1.38834	0.629741	0.830721	-1.20377	0.502892	0.771373	-1.29639	0.623163	1.43864	2.0521	1
cg14230542	FAM40A	0.752398	0.683367	1.08453	1.08453	0.168491	1.33692	1.33692	0.741677	0.93664	-1.06765	0.949479	1.01262	1.01262	0.730519	1.07081	1.07081	0.725555	1.07223	1.07223	0.582575	1.1161	1.1161	0.142336	1.36628	1.36628	0.363501	1.20297	1.20297	0.623152	0.386445	0.551241	1
cg03476195	ANK2;ANK2;ANK2	0.752399	0.633955	1.22901	1.22901	0.626893	0.810114	-1.23439	0.612945	0.803092	-1.24519	0.560963	0.776688	-1.28752	0.942947	0.969702	-1.03124	0.150732	1.93873	1.93873	0.684448	0.838921	-1.19201	0.292458	0.62531	-1.59921	0.886164	0.940281	-1.06351	0.623151	1.82373	2.60144	1
cg22851092	EP400	0.752401	0.89402	1.04515	1.04515	0.750404	1.11153	1.11153	0.0872099	1.86948	1.86948	0.348711	1.37662	1.37662	0.415162	1.31778	1.31778	0.809524	1.08329	1.08329	0.766049	1.10391	1.10391	0.302754	1.4243	1.4243	0.527124	1.23651	1.23651	0.623147	1.08332	1.5453	1
cg18973101	TMEM79;SMG5	0.752404	0.274771	0.693946	-1.44104	0.499303	0.802111	-1.24671	0.635345	1.16602	1.16602	0.4212	1.30239	1.30239	0.609444	0.847328	-1.18018	0.417561	0.766157	-1.30522	0.24408	0.675805	-1.47972	0.586645	0.838183	-1.19306	0.577299	0.834407	-1.19846	0.623143	1.02031	1.45543	1
cg18644481	EHMT2;EHMT2	0.752406	0.419605	0.705266	-1.4179	0.717804	1.16611	1.16611	0.438696	1.39717	1.39717	0.642196	0.820264	-1.21912	0.500722	0.748712	-1.33563	0.46848	0.731743	-1.3666	0.678827	0.838361	-1.1928	0.961753	1.02051	1.02051	0.134971	0.50544	-1.97847	0.623141	1.76947	2.52409	1
cg00647165	WIZ	0.752408	0.911973	1.08082	1.08082	0.748333	0.797527	-1.25388	0.95946	1.03637	1.03637	0.704921	1.30655	1.30655	0.144354	0.33218	-3.01042	0.568688	1.49913	1.49913	0.720741	1.28695	1.28695	0.462469	0.591148	-1.69162	0.332187	2.02002	2.02002	0.623138	4.87487	6.95387	1
cg06990630	SIKE1;SIKE1	0.752415	0.934271	1.06392	1.06392	0.546244	0.631597	-1.58329	0.509261	0.604125	-1.65529	0.0737935	0.218149	-4.58403	0.585262	0.660653	-1.51365	0.863694	1.13778	1.13778	0.865457	1.13586	1.13586	0.946899	0.951201	-1.0513	0.608933	0.678361	-1.47414	0.62068	5.42916	6.80331	1
cg06233930	TIMP2	0.75244	0.457355	1.51648	1.51648	0.544751	1.40107	1.40107	0.256758	0.521412	-1.91787	0.95391	0.968701	-1.03231	0.876902	1.08902	1.08902	0.586845	0.739435	-1.35238	0.842024	0.896027	-1.11604	0.277034	1.86261	1.86261	0.359151	1.67988	1.67988	0.623093	2.98694	4.26109	1
cg04416898	CXXC5	0.752488	0.359345	0.520388	-1.92164	0.756398	0.806007	-1.24068	0.189044	2.62304	2.62304	0.791277	0.832077	-1.20181	0.4702	0.600997	-1.6639	0.922832	1.06946	1.06946	0.260277	0.443169	-2.25647	0.903736	1.08747	1.08747	0.885274	0.904782	-1.10524	0.623026	4.73961	6.76214	1
cg20454158	TMEM229B	0.752495	0.87915	1.07162	1.07162	0.339989	1.56377	1.56377	0.684064	1.20443	1.20443	0.925254	0.958234	-1.04359	0.256579	0.583695	-1.71322	0.825289	0.904371	-1.10574	0.36328	0.653905	-1.52927	0.300127	0.613743	-1.62935	0.640674	1.23828	1.23828	0.623016	2.03958	2.90998	1
cg12436863	PPP1R9A;PPP1R9A	0.752495	0.433948	1.21727	1.21727	0.170009	1.43319	1.43319	0.934269	0.979892	-1.02052	0.303218	1.30032	1.30032	0.588902	1.1438	1.1438	0.884794	1.03635	1.03635	0.159519	1.44798	1.44798	0.853601	1.04654	1.04654	0.953633	1.01442	1.01442	0.623015	0.598342	0.853686	1
cg19459432	LOC390595	0.752498	0.928706	0.971172	-1.02968	0.644532	0.859111	-1.16399	0.91683	0.966433	-1.03473	0.458993	1.27949	1.27949	0.829186	0.931813	-1.07318	0.759272	1.10569	1.10569	0.0800595	1.88662	1.88662	0.877271	0.950741	-1.05181	0.707067	0.883911	-1.13134	0.623012	1.05422	1.50412	1
cg26677874	LRRC28	0.752498	0.221693	0.764079	-1.30876	0.862457	1.03699	1.03699	0.777924	1.06102	1.06102	0.267633	0.785123	-1.27369	0.660061	0.911446	-1.09716	0.499563	0.866251	-1.1544	0.201244	0.753708	-1.32677	0.943024	1.01509	1.01509	0.769213	1.06357	1.06357	0.623011	0.433037	0.61784	1
cg17616217	KY	0.752517	0.534391	0.442103	-2.26192	0.385602	0.314764	-3.17699	0.272169	0.225624	-4.43216	0.775617	0.690648	-1.44791	?	?	?	0.370657	3.30349	3.30349	?	?	?	0.887837	0.833001	-1.20048	0.717099	1.60224	1.60224	0.584131	11.8063	20.2117	1
cg25384247	CAMTA2;CAMTA2;CAMTA2;CAMTA2;CAMTA2;CAMTA2	0.752544	0.330515	1.24817	1.24817	0.222675	0.75359	-1.32698	0.371498	0.816624	-1.22455	0.970598	0.991896	-1.00817	0.605534	0.891351	-1.12189	0.276816	0.779025	-1.28366	0.785735	1.06201	1.06201	0.73939	0.928947	-1.07649	0.749965	0.931847	-1.07314	0.622947	0.480867	0.686154	1
cg20778097	LRRC59	0.752554	0.703187	1.48845	1.48845	0.571061	0.551683	-1.81263	0.545778	1.88739	1.88739	0.783334	0.750978	-1.3316	0.20763	0.251454	-3.97687	0.796597	1.30782	1.30782	0.35368	2.69512	2.69512	0.639028	0.61211	-1.63369	0.341047	0.360833	-2.77137	0.622934	10.6496	15.1963	1
cg05067926	GLB1L2	0.75257	0.464257	2.04607	2.04607	0.382596	2.36456	2.36456	0.152954	4.35389	4.35389	0.613729	1.63099	1.63099	0.757379	1.34693	1.34693	0.857076	1.18918	1.18918	0.19008	3.79554	3.79554	0.406994	2.25976	2.25976	0.771436	0.755815	-1.32307	0.622911	9.1133	13.0046	1
cg18626864	TAF9B	0.752614	0.233445	0.436844	-2.28915	0.642103	1.36381	1.36381	0.909531	0.927414	-1.07827	0.446301	1.67302	1.67302	0.756154	0.813425	-1.22937	0.188591	0.397139	-2.51801	0.777362	1.20675	1.20675	0.941658	0.952636	-1.04972	0.596477	1.4251	1.4251	0.622848	4.33523	6.18696	1
cg03405026	MLH1;MLH1;MLH1;MLH1	0.752619	0.318335	0.794498	-1.25866	0.151773	0.709986	-1.40848	0.286929	0.781427	-1.27971	0.435274	0.837321	-1.19428	0.327082	0.797993	-1.25314	0.806959	1.05612	1.05612	0.940708	1.01673	1.01673	0.606211	0.890492	-1.12297	0.723508	0.92383	-1.08245	0.622842	0.490744	0.700365	1
cg18013519	PPP2R2C;PPP2R2C	0.75262	0.276123	4.32075	4.32075	0.625136	1.88908	1.88908	0.897237	0.846268	-1.18166	0.145941	7.51213	7.51213	?	?	?	0.289639	4.13631	4.13631	0.728001	1.56993	1.56993	0.971044	0.954193	-1.04801	0.937304	1.10697	1.10697	0.606191	14.241	23.4926	1
cg01169624	SGCE;PEG10;SGCE;PEG10;SGCE	0.752624	0.813502	0.935036	-1.06948	0.208327	1.45793	1.45793	0.130967	1.58964	1.58964	0.526495	0.833262	-1.2001	0.82943	0.940522	-1.06324	0.832261	1.06214	1.06214	0.724259	1.10591	1.10591	0.911566	1.03208	1.03208	0.926482	1.02658	1.02658	0.622835	0.796891	1.1373	1
cg18862215	SCGBL	0.752631	0.617217	0.662651	-1.50909	0.178086	3.21749	3.21749	0.550418	1.63786	1.63786	0.660528	1.43465	1.43465	0.396401	0.492023	-2.03242	0.678434	1.40563	1.40563	0.664419	0.700152	-1.42826	0.812583	0.823684	-1.21406	0.361591	2.15086	2.15086	0.622825	6.57864	9.38896	1
cg00799121	ADAMTS2;ADAMTS2	0.752652	0.543756	0.638682	-1.56572	0.561943	0.651932	-1.5339	0.987618	0.988742	-1.01139	0.79185	0.824507	-1.21285	0.172227	0.346429	-2.88659	0.37677	0.515963	-1.93812	0.172956	0.347133	-2.88074	0.293567	0.451632	-2.21419	0.982773	0.984371	-1.01588	0.622796	5.25027	7.49348	1
cg14528821	SCAP	0.752665	0.713117	1.23391	1.23391	0.214841	2.10259	2.10259	0.306902	1.82584	1.82584	0.222991	0.482481	-2.07262	0.895149	0.927699	-1.07794	0.944093	1.04072	1.04072	0.811468	1.14569	1.14569	0.736133	0.824893	-1.21228	0.772124	1.17972	1.17972	0.622778	3.19527	4.5606	1
cg15523177	SLC38A10;SLC38A10	0.752671	0.737717	0.949852	-1.0528	0.891826	0.979386	-1.02105	0.579298	1.08951	1.08951	0.17314	1.24844	1.24844	0.222284	1.21695	1.21695	0.310489	1.17427	1.17427	0.847082	0.970878	-1.03	0.77698	0.957459	-1.04443	0.900512	1.01933	1.01933	0.62277	0.231133	0.329899	1
cg18947032	KIAA1279	0.752685	?	?	?	0.830882	1.37129	1.37129	0.154846	9.68951	9.68951	0.480561	2.88927	2.88927	?	?	?	0.448072	3.14084	3.14084	0.743099	0.615268	-1.62531	0.809482	1.42848	1.42848	0.671231	0.532193	-1.87902	0.583884	15.3393	26.2711	1
cg21945665	XIAP	0.75269	0.635498	0.559506	-1.78729	0.55243	0.481447	-2.07707	0.783414	0.71527	-1.39807	0.171909	5.86235	5.86235	0.315504	3.53312	3.53312	0.616215	0.540863	-1.8489	0.455474	2.52048	2.52048	0.691218	1.62505	1.62505	0.696032	1.61202	1.61202	0.622742	14.5875	20.8218	1
cg07215234	ACSF3;ACSF3;ACSF3	0.752692	0.758262	0.781782	-1.27913	0.276191	2.46769	2.46769	0.117845	3.87407	3.87407	0.919932	0.922949	-1.08348	0.817885	0.831989	-1.20194	0.673904	0.713546	-1.40145	0.639724	1.45639	1.45639	0.690133	0.726458	-1.37654	0.903346	0.907664	-1.10173	0.622739	6.27228	8.95296	1
cg19893494	NSMCE2	0.752716	0.593101	0.766145	-1.30524	0.759399	0.859231	-1.16383	0.228113	0.535377	-1.86784	0.214217	0.524221	-1.90759	0.152908	0.46953	-2.12979	0.594767	0.767083	-1.30364	0.400983	0.654049	-1.52894	0.999049	1.00059	1.00059	0.868464	0.921401	-1.0853	0.622706	2.40562	3.43392	1
cg07951488	SLC30A9;SLC30A9	0.752717	0.609826	0.655023	-1.52666	0.951986	1.05074	1.05074	0.694045	1.38402	1.38402	0.415839	0.504782	-1.98105	0.485415	0.558378	-1.7909	0.750593	1.29971	1.29971	0.208464	0.336205	-2.97438	0.651417	1.45334	1.45334	0.306874	2.38586	2.38586	0.622704	6.66422	9.51294	1
cg18593668	RTDR1;GNAZ	0.752725	0.239105	0.827351	-1.20868	0.707726	1.05961	1.05961	0.739536	1.05263	1.05263	0.494027	0.898734	-1.11268	0.974275	0.995055	-1.00497	0.881349	0.977301	-1.02323	0.379146	0.870487	-1.14878	0.750937	1.05017	1.05017	0.231709	1.21268	1.21268	0.622694	0.233068	0.332703	1
cg18379495	ZNF703	0.752735	0.162811	0.587117	-1.70324	0.855157	0.936774	-1.06749	0.440767	1.32445	1.32445	0.645028	1.18035	1.18035	0.770124	0.900564	-1.11041	0.329697	1.43268	1.43268	0.956139	1.01985	1.01985	0.462632	0.765481	-1.30637	0.986009	1.00629	1.00629	0.622679	1.25996	1.79862	1
cg12720643	FAM163A	0.752735	0.405672	1.80705	1.80705	0.313932	2.06336	2.06336	0.887265	0.906053	-1.10369	0.968872	1.02751	1.02751	0.700964	0.764626	-1.30783	0.598202	0.690825	-1.44754	0.534125	0.645368	-1.5495	0.424792	1.76279	1.76279	0.212042	2.49501	2.49501	0.622679	4.77047	6.80995	1
cg19416604	UFD1L;CDC45L;UFD1L	0.752742	0.627942	1.54042	1.54042	0.76963	1.29668	1.29668	0.0911631	5.18668	5.18668	0.815072	1.23033	1.23033	0.803286	1.24709	1.24709	0.501576	0.546933	-1.82838	0.675834	0.689317	-1.45071	0.766317	0.768222	-1.30171	0.52467	1.76889	1.76889	0.62267	7.71884	11.019	1
cg04212729	PLEKHG3	0.752756	0.918099	0.970621	-1.03027	0.984921	1.00549	1.00549	0.232693	0.695717	-1.43737	0.697027	0.892768	-1.12011	0.326973	1.34094	1.34094	0.382825	1.29622	1.29622	0.333115	1.33567	1.33567	0.580698	1.17556	1.17556	0.894452	0.962249	-1.03923	0.622651	0.828818	1.18321	1
cg17592120	HYI	0.752762	0.809978	1.19589	1.19589	0.734996	1.28697	1.28697	0.767135	0.802099	-1.24673	0.647754	0.710631	-1.4072	0.509783	0.608628	-1.64304	0.919231	0.927445	-1.07823	0.178319	0.345765	-2.89214	0.471539	0.580502	-1.72265	0.252439	2.42964	2.42964	0.622641	5.4381	7.76348	1
cg21620608	SPOPL;SPOPL	0.752776	0.28425	2.43042	2.43042	0.941271	1.06022	1.06022	0.714914	1.33824	1.33824	0.10866	4.08648	4.08648	0.662998	1.41672	1.41672	?	?	?	0.757042	1.27943	1.27943	0.839791	1.17432	1.17432	0.742533	0.769685	-1.29923	0.603928	5.243	7.5963	1
cg08266905	SLC45A4	0.752781	0.310478	0.755833	-1.32304	0.655474	1.12726	1.12726	0.706225	1.10629	1.10629	0.507173	0.83569	-1.19662	0.922563	1.02627	1.02627	0.64413	1.13211	1.13211	0.257403	1.37065	1.37065	0.288838	0.745495	-1.34139	0.919201	0.973297	-1.02744	0.622615	0.701652	1.00173	1
cg07868885	HNRNPAB;HNRNPAB	0.752782	0.139853	0.78923	-1.26706	0.832215	1.03212	1.03212	0.613912	0.927002	-1.07875	0.835611	0.969513	-1.03145	0.410792	1.13351	1.13351	0.49371	0.901619	-1.10912	0.524388	0.90835	-1.1009	0.326842	0.859997	-1.16279	0.836303	0.969642	-1.03131	0.622614	0.218927	0.312556	1
cg07883600	CACNA1D;CACNA1D;CACNA1D	0.752789	0.360976	1.29324	1.29324	0.485906	0.823751	-1.21396	0.758591	0.919053	-1.08808	0.397861	1.26749	1.26749	0.505888	0.831241	-1.20302	0.42483	0.799975	-1.25004	0.660132	0.885882	-1.12882	0.726761	1.10083	1.10083	0.316056	1.32823	1.32823	0.622604	0.739375	1.0556	1
cg00113623	TAZ;TAZ;DNASE1L1;DNASE1L1;TAZ;TAZ;DNASE1L1;TAZ	0.752796	0.234098	0.311147	-3.21392	0.995836	0.995128	-1.0049	0.925002	1.09213	1.09213	0.210797	3.43532	3.43532	0.760768	1.33086	1.33086	0.282621	0.3517	-2.84333	0.770416	0.760415	-1.31507	0.870875	0.858765	-1.16446	0.861413	1.17768	1.17768	0.622594	8.63819	12.3329	1
cg17924218	SCN9A;SCN9A	0.752801	0.482881	1.12832	1.12832	0.908285	0.98068	-1.0197	0.117512	1.33349	1.33349	0.753515	1.05477	1.05477	0.431784	1.14548	1.14548	0.817043	1.04001	1.04001	0.620463	0.918967	-1.08818	0.711662	0.939083	-1.06487	0.352284	1.17591	1.17591	0.622587	0.282587	0.403459	1
cg23798630	TROAP;TROAP	0.752813	0.999889	1.00003	1.00003	0.962607	1.01097	1.01097	0.664968	1.10677	1.10677	0.661321	1.10809	1.10809	0.130437	1.46269	1.46269	0.699415	1.09453	1.09453	0.318256	0.786498	-1.27146	0.927278	1.02148	1.02148	0.343126	1.25531	1.25531	0.622571	0.534449	0.763071	1
cg09494609	TENC1;TENC1;TENC1	0.752826	0.343523	0.573886	-1.74251	0.985874	1.01013	1.01013	0.6006	0.740354	-1.35071	0.927145	1.05343	1.05343	0.860821	0.904952	-1.10503	0.826238	1.13329	1.13329	0.185104	0.449416	-2.22511	0.146315	0.411714	-2.42887	0.934319	1.04802	1.04802	0.622552	3.19332	4.55948	1
cg03552937	ZMIZ2;ZMIZ2	0.75283	0.336438	0.498242	-2.00706	0.271105	0.446925	-2.23751	0.587102	0.680167	-1.47023	0.725084	1.2817	1.2817	0.340146	0.501068	-1.99574	0.382591	0.532908	-1.8765	0.270356	0.446316	-2.24056	0.274938	0.450032	-2.22206	0.982003	0.98427	-1.01598	0.622547	4.87166	6.95589	1
cg02690519	OLFM2	0.752833	0.54287	1.35415	1.35415	0.471277	1.43435	1.43435	0.507812	0.718414	-1.39196	0.732504	0.844613	-1.18397	0.236675	0.543191	-1.84097	0.699257	0.826065	-1.21056	0.229072	0.537256	-1.86131	0.681015	1.22563	1.22563	0.692063	0.822057	-1.21646	0.622542	2.38888	3.41092	1
cg24537993	PLEKHA6	0.752844	0.777072	0.921814	-1.08482	0.0975337	1.68443	1.68443	0.585736	1.17098	1.17098	0.997274	1.00098	1.00098	0.9561	1.01591	1.01591	0.35566	1.31324	1.31324	0.298688	1.36198	1.36198	0.784852	1.08165	1.08165	0.598535	1.1646	1.1646	0.622527	0.810982	1.15798	1
cg22576033	MAD1L1;MAD1L1;MAD1L1	0.752847	0.786796	0.866466	-1.15411	0.237843	1.92269	1.92269	0.163397	2.19558	2.19558	0.993124	1.00457	1.00457	0.75266	0.846078	-1.18192	0.633219	1.2894	1.2894	0.387341	1.59753	1.59753	0.577296	0.742541	-1.34673	0.873898	1.0876	1.0876	0.622522	2.7559	3.9351	1
cg23851026	LCT	0.75287	0.433382	0.753373	-1.32736	0.938822	0.973175	-1.02756	0.446481	0.759659	-1.31638	0.542018	0.803598	-1.2444	0.354314	0.713502	-1.40154	0.473282	0.772299	-1.29484	0.954814	1.02028	1.02028	0.684405	0.865229	-1.15576	0.0844685	0.508616	-1.96612	0.622491	1.23717	1.76663	1
cg11423206	CD8A;CD8A;CD8A;CD8A	0.752883	0.448178	0.473828	-2.11047	0.570205	0.574399	-1.74095	0.667467	0.658598	-1.51838	0.397166	0.432682	-2.31116	0.271478	0.330821	-3.02278	0.476652	0.496951	-2.01227	0.205553	0.275146	-3.63444	0.208448	0.277656	-3.60158	0.262924	0.32374	-3.08889	0.622473	9.20496	13.1447	1
cg00697668	JAG2;JAG2	0.752883	0.362876	3.04044	3.04044	0.162074	5.90097	5.90097	0.146467	6.38163	6.38163	0.31785	3.41346	3.41346	0.586874	1.92013	1.92013	0.831988	1.2874	1.2874	0.751615	1.45874	1.45874	0.798397	1.35574	1.35574	0.699446	1.58613	1.58613	0.622473	13.9395	19.9055	1
cg13332193	MINK1;MINK1;MINK1;MINK1	0.752895	0.282624	0.586654	-1.70458	0.902492	0.943133	-1.0603	0.3021	1.66643	1.66643	0.972145	1.01682	1.01682	0.489743	0.715217	-1.39818	0.510165	1.37591	1.37591	0.489139	0.714873	-1.39885	0.742679	0.854384	-1.17043	0.3176	0.610497	-1.63801	0.622455	2.24954	3.21243	1
cg23984674	VTI1B	0.752901	0.731691	1.24214	1.24214	0.597126	0.714598	-1.39939	0.484462	0.639159	-1.56456	0.632646	1.35445	1.35445	?	?	?	?	?	?	0.180042	2.45214	2.45214	0.494308	1.54845	1.54845	0.979456	1.01635	1.01635	0.585136	2.86079	5.58754	1
cg03494525	RAD52	0.752902	0.552981	0.661567	-1.51156	0.592383	1.45065	1.45065	0.567702	1.48823	1.48823	0.907935	1.08289	1.08289	0.857192	1.13201	1.13201	0.618487	1.41282	1.41282	0.400667	1.80791	1.80791	0.405954	1.79543	1.79543	0.0981386	3.48621	3.48621	0.622446	4.67116	6.67069	1
cg00516051	ZZEF1;CYB5D2;CYB5D2;CYB5D2;CYB5D2	0.752921	0.133092	1.52689	1.52689	0.973088	1.00885	1.00885	0.861936	1.04651	1.04651	0.618719	1.14001	1.14001	0.843239	0.949602	-1.05307	0.909206	1.03024	1.03024	0.37174	1.27066	1.27066	0.782609	1.07492	1.07492	0.164071	1.47376	1.47376	0.622419	0.672472	0.96037	1
cg16554148	TP73;TP73;TP73;TP73	0.752926	0.441928	0.580828	-1.72168	0.169728	0.36296	-2.75513	0.703733	0.767402	-1.3031	0.887522	0.906591	-1.10303	0.398515	0.549388	-1.82021	0.287908	0.465555	-2.14797	0.351477	0.514565	-1.94339	0.27394	0.454369	-2.20085	0.813832	1.17757	1.17757	0.622412	4.73296	6.75931	1
cg12267367	SNRPG	0.752943	0.775198	0.936719	-1.06756	0.5962	0.885066	-1.12986	0.231373	0.7508	-1.33191	0.319702	0.790752	-1.26462	0.824158	0.950459	-1.05212	0.666407	1.10409	1.10409	0.588827	1.13269	1.13269	0.647346	1.11089	1.11089	0.325787	1.26067	1.26067	0.622388	0.513825	0.73384	1
cg06237774	DPY19L2P4	0.752974	0.337623	0.449806	-2.22318	0.713704	0.742438	-1.34691	0.527719	0.596243	-1.67717	0.31865	0.434743	-2.30021	0.278089	0.401898	-2.48819	0.56231	0.622836	-1.60556	0.823886	1.19739	1.19739	0.405406	1.9897	1.9897	0.586575	1.5586	1.5586	0.622344	6.43835	9.19585	1
cg08037935	NFIA;NFIA;NFIA;NFIA	0.752994	0.941547	1.04515	1.04515	0.344218	1.79812	1.79812	0.780268	0.845001	-1.18343	0.414145	1.65322	1.65322	0.789257	0.851016	-1.17507	0.466183	0.639814	-1.56295	0.658616	1.30705	1.30705	0.161863	2.45841	2.45841	0.465934	1.56336	1.56336	0.622316	3.57443	5.10556	1
cg00637064	ZNF621;ZNF621	0.752995	0.279854	0.850312	-1.17604	0.672323	0.940441	-1.06333	0.262194	0.844722	-1.18382	0.614143	0.929249	-1.07614	0.935193	0.98833	-1.01181	0.704742	1.05649	1.05649	0.157834	0.804149	-1.24355	0.847454	0.972585	-1.02819	0.672894	1.06321	1.06321	0.622315	0.205339	0.293297	1
cg22465281	NLN;SGTB	0.753015	0.587804	0.862626	-1.15925	0.46851	1.22038	1.22038	0.639213	1.13598	1.13598	0.653755	1.12966	1.12966	0.959152	1.01393	1.01393	0.676646	1.11991	1.11991	0.614047	0.871699	-1.14719	0.176042	1.4747	1.4747	0.205787	1.43391	1.43391	0.622287	0.71861	1.02648	1
cg25956256	ROCK1	0.753045	0.229988	1.34388	1.34388	0.506965	1.17116	1.17116	0.674222	0.905547	-1.1043	0.27213	1.30768	1.30768	0.725157	0.920502	-1.08636	0.286454	1.29663	1.29663	0.503414	1.17275	1.17275	0.507028	1.17113	1.17113	0.420697	1.21294	1.21294	0.622245	0.54273	0.775301	1
cg25538342	AR;AR	0.753053	0.525919	0.610932	-1.63684	0.813304	1.19889	1.19889	0.805818	1.20785	1.20785	0.712378	0.75283	-1.32832	0.205748	0.359343	-2.78285	0.441122	0.547558	-1.82629	0.726312	0.763799	-1.30924	0.323969	0.457926	-2.18376	0.329506	2.1632	2.1632	0.622233	5.79349	8.27626	1
cg14557232	KIAA1530	0.753062	0.971183	0.974478	-1.02619	0.374463	1.9202	1.9202	0.228461	2.47101	2.47101	0.607502	0.690189	-1.44888	0.354513	0.505755	-1.97724	0.589307	1.47707	1.47707	0.592723	1.4717	1.4717	0.699284	0.757448	-1.32022	0.523328	0.629444	-1.5887	0.622221	5.04755	7.21079	1
cg13564055	MNT	0.753076	0.589394	1.20864	1.20864	0.385386	1.36271	1.36271	0.667588	1.16213	1.16213	0.111873	1.82594	1.82594	0.388163	1.36013	1.36013	0.518938	0.796611	-1.25532	0.476578	1.28622	1.28622	0.776862	1.10386	1.10386	0.898419	1.04542	1.04542	0.622202	1.19178	1.7026	1
cg21680222	RAB3GAP2;RAB3GAP2	0.753083	0.732222	0.855859	-1.16842	0.326725	1.58224	1.58224	0.452329	1.41478	1.41478	0.903499	1.0565	1.0565	0.845797	1.09225	1.09225	0.322106	1.58967	1.58967	0.416564	0.686421	-1.45683	0.281592	0.602229	-1.6605	0.906082	1.05494	1.05494	0.622192	2.0237	2.89113	1
cg09664596	TEKT5	0.753083	0.483372	0.599728	-1.66742	0.510419	1.61479	1.61479	0.930611	1.06451	1.06451	0.97588	1.02194	1.02194	0.185133	0.364699	-2.74199	0.617967	0.697049	-1.43462	0.648436	0.719295	-1.39025	0.171521	0.35174	-2.84301	0.993625	0.994282	-1.00575	0.622192	5.07684	7.25298	1
cg01550681	XRCC2	0.753104	0.72471	0.903939	-1.10627	0.254687	0.711987	-1.40452	0.673888	1.1285	1.1285	0.203937	0.681838	-1.46662	0.495149	0.820499	-1.21877	0.375264	0.771112	-1.29683	0.424366	0.792127	-1.26242	0.62822	1.14955	1.14955	0.525131	0.831997	-1.20193	0.622163	0.803884	1.14851	1
cg14071762	ARFGAP1;ARFGAP1	0.753104	0.28887	2.51231	2.51231	0.609188	0.658633	-1.5183	0.757939	0.779707	-1.28253	?	?	?	?	?	?	?	?	?	0.790078	1.23934	1.23934	0.593872	1.54691	1.54691	?	?	?	0.523179	2.57937	3.94415	1
cg17714260	TRIM8	0.753121	0.574439	0.91307	-1.09521	0.371138	1.15858	1.15858	0.89418	1.02156	1.02156	0.764158	0.952914	-1.04941	0.244736	0.822793	-1.21537	0.978694	0.995729	-1.00429	0.9454	0.989082	-1.01104	0.38505	1.15344	1.15344	0.286841	1.19396	1.19396	0.622139	0.253164	0.361712	1
cg10302293	RFC3;RFC3	0.753133	0.339305	3.8029	3.8029	0.962946	0.938936	-1.06504	0.346792	0.268751	-3.72092	0.519522	2.42428	2.42428	0.266551	0.208042	-4.80672	0.473957	2.68504	2.68504	0.546429	0.437004	-2.28831	0.72983	0.62488	-1.60031	0.823391	1.35415	1.35415	0.622123	18.1242	25.8959	1
cg17016011	INPP5A	0.753134	0.87109	0.954258	-1.04793	0.803	1.07472	1.07472	0.836704	1.06131	1.06131	0.598665	0.858027	-1.16546	0.38491	1.29282	1.29282	0.260976	1.40212	1.40212	0.142394	1.57559	1.57559	0.679083	0.886974	-1.12743	0.968169	1.01157	1.01157	0.622121	0.818948	1.17012	1
cg12008643	RELT;RELT	0.753142	0.402787	2.10985	2.10985	0.0982506	4.86145	4.86145	0.372746	2.22095	2.22095	0.408276	2.09079	2.09079	0.435367	2.00166	2.00166	0.944379	1.06273	1.06273	0.896079	0.892301	-1.1207	0.712696	1.38059	1.38059	0.461721	1.92198	1.92198	0.622109	7.49179	10.7045	1
cg24079361	SERP2;SERP2	0.753149	0.73762	0.906601	-1.10302	0.460436	1.24503	1.24503	0.418702	1.2725	1.2725	0.893664	1.03977	1.03977	0.238851	0.697848	-1.43298	0.928565	0.974189	-1.02649	0.236229	0.696309	-1.43614	0.923977	1.02823	1.02823	0.509053	0.822548	-1.21573	0.6221	0.837968	1.19733	1
cg07914621	LOC728743	0.75317	0.627415	0.850308	-1.17605	0.797261	1.08909	1.08909	0.738609	0.894913	-1.11743	0.140639	1.69122	1.69122	0.780555	0.911565	-1.09701	0.668441	1.15355	1.15355	0.589523	1.19791	1.19791	0.299144	0.699941	-1.42869	0.70665	1.13354	1.13354	0.622069	1.08288	1.54735	1
cg18525352	NUAK1	0.753181	0.311189	0.435224	-2.29767	0.378969	2.04752	2.04752	0.220548	2.7804	2.7804	0.812385	1.20778	1.20778	0.507317	0.586211	-1.70587	0.625193	1.47829	1.47829	0.682343	0.721288	-1.38641	0.81641	1.20279	1.20279	0.570685	1.57614	1.57614	0.622054	6.21039	8.87439	1
cg25392362	GNB2	0.753183	?	?	?	0.479908	3.84098	3.84098	?	?	?	0.490509	3.70079	3.70079	?	?	?	0.344186	6.82002	6.82002	0.562825	2.92779	2.92779	0.864067	0.738432	-1.35422	?	?	?	0.533299	10.1649	7.62418	1
cg03565323	ZNF287	0.753202	0.859747	0.915829	-1.09191	0.817724	1.12161	1.12161	0.892504	0.934992	-1.06953	0.556439	1.3441	1.3441	0.280319	0.572406	-1.74701	0.184266	0.496501	-2.0141	0.683841	0.815836	-1.22574	0.983784	1.01016	1.01016	0.337651	1.63461	1.63461	0.622025	2.43476	3.47933	1
cg20740619	ZBTB8OS;RBBP4;RBBP4;RBBP4	0.75321	0.343055	1.15162	1.15162	0.187675	1.22359	1.22359	0.385786	0.879415	-1.13712	0.831759	1.03122	1.03122	0.735624	1.0502	1.0502	0.870906	0.976769	-1.02378	0.645108	1.06932	1.06932	0.966124	1.00616	1.00616	0.268471	1.18125	1.18125	0.622014	0.205766	0.294051	1
cg18524934	NEURL3	0.753219	0.213581	0.156255	-6.3998	0.715713	0.595469	-1.67935	0.573667	0.446734	-2.23847	0.398468	0.293681	-3.40505	0.156909	0.116975	-8.54883	0.357818	0.261775	-3.82007	0.360476	0.263827	-3.79036	0.309964	0.22558	-4.43301	0.672675	0.547561	-1.82628	0.622002	19.7893	28.2805	1
cg08834691	13-Sep	0.753285	0.908887	0.982042	-1.01829	0.94669	1.01064	1.01064	0.961534	0.992395	-1.00766	0.471584	1.1229	1.1229	0.173973	0.795379	-1.25726	0.200153	0.807178	-1.23888	0.933148	1.01337	1.01337	0.652753	0.93082	-1.07432	0.608891	1.08511	1.08511	0.621908	0.246771	0.352708	1
cg02583576	HAX1;HAX1	0.753293	0.881684	1.05261	1.05261	0.908249	1.04049	1.04049	0.483659	1.27773	1.27773	0.362057	0.724292	-1.38066	0.579728	0.824818	-1.21239	0.858483	1.06338	1.06338	0.105417	0.543855	-1.83872	0.946243	1.02349	1.02349	0.683542	0.868395	-1.15155	0.621897	1.16759	1.66886	1
cg11868940	ABR;ABR;ABR	0.753317	0.808128	1.17898	1.17898	0.585928	1.451	1.451	0.671133	1.33513	1.33513	0.39713	1.79817	1.79817	0.198272	0.398468	-2.50961	0.54963	1.50635	1.50635	0.529369	1.53913	1.53913	0.257185	2.22613	2.22613	0.824615	1.16207	1.16207	0.621863	4.5106	6.44743	1
cg03176729	HTRA1	0.75332	0.504023	1.99738	1.99738	0.571124	0.557655	-1.79322	0.318383	2.86406	2.86406	0.312657	2.90262	2.90262	0.991331	1.01115	1.01115	0.609859	0.591498	-1.69062	0.648239	0.625845	-1.59784	0.493468	0.491849	-2.03314	0.342671	2.71148	2.71148	0.621861	10.2533	14.6561	1
cg21648040	UROD;HECTD3	0.75332	0.290212	1.29687	1.29687	0.720346	0.91839	-1.08886	0.893126	0.968668	-1.03235	0.416272	0.821389	-1.21745	0.855374	1.04416	1.04416	0.896151	1.03141	1.03141	0.128266	0.677487	-1.47604	0.779105	0.935577	-1.06886	0.726346	0.920154	-1.08677	0.62186	0.552367	0.789555	1
cg18899516	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	0.753328	0.598427	1.19454	1.19454	0.628634	1.17704	1.17704	0.645478	0.856468	-1.16759	0.849513	1.06559	1.06559	0.536063	1.23316	1.23316	0.236736	1.51382	1.51382	0.386328	1.34585	1.34585	0.268168	1.47074	1.47074	0.407577	0.753264	-1.32756	0.621849	1.10176	1.57489	1
cg26833538	ALDH3B1;ALDH3B1;ALDH3B1	0.753329	0.26915	0.374569	-2.66973	0.424708	0.498757	-2.00499	0.218087	0.331046	-3.02073	0.259666	0.366652	-2.72738	0.18878	0.304808	-3.28075	0.733561	0.747111	-1.33849	0.621011	0.653598	-1.52999	0.478533	0.540763	-1.84924	0.873523	0.8729	-1.14561	0.621847	7.17084	10.2502	1
cg18115507	NALCN	0.753334	0.326379	0.682553	-1.46509	0.440592	1.34505	1.34505	0.667288	1.17704	1.17704	0.760956	0.891359	-1.12188	0.56332	0.802341	-1.24635	0.945255	1.02622	1.02622	0.451979	1.33485	1.33485	0.391859	1.39187	1.39187	0.261292	1.55512	1.55512	0.62184	1.39911	1.99996	1
cg20291423	DHCR24	0.753364	0.572446	1.54155	1.54155	0.145646	3.27219	3.27219	0.380719	1.9783	1.9783	0.368609	2.01515	2.01515	0.488323	0.586142	-1.70607	0.630125	1.44508	1.44508	0.972473	0.974158	-1.02653	0.723412	1.30947	1.30947	0.673824	0.725263	-1.37881	0.621799	5.6699	8.10538	1
cg00925831	SVEP1	0.753375	0.676552	1.25541	1.25541	0.679253	1.25286	1.25286	0.143015	2.34773	2.34773	0.626059	1.30506	1.30506	0.716325	0.820487	-1.21879	0.878248	1.08667	1.08667	0.514392	0.698738	-1.43115	0.613514	0.758717	-1.31801	0.374557	0.610086	-1.63911	0.621783	2.89477	4.13831	1
cg20430572	CABC1	0.753384	0.189133	0.41494	-2.40999	0.646744	1.33881	1.33881	0.387279	1.75129	1.75129	0.932161	0.947588	-1.05531	0.516831	0.659949	-1.51527	0.360894	0.552165	-1.81105	0.57117	0.696362	-1.43603	0.866076	0.898769	-1.11263	0.402586	0.581788	-1.71884	0.621771	3.9373	5.6288	1
cg19777318	POU5F1;POU5F1	0.753385	0.302035	1.42594	1.42594	0.967516	0.986577	-1.01361	0.228842	0.657643	-1.52058	0.524725	1.23851	1.23851	0.332395	1.39353	1.39353	0.936814	1.02666	1.02666	0.444041	1.29557	1.29557	0.830163	1.07389	1.07389	0.497596	1.25674	1.25674	0.621769	1.0845	1.55041	1
cg19238349	CAB39L;CAB39L	0.753394	0.973655	1.02483	1.02483	0.468174	1.73034	1.73034	0.480862	0.587266	-1.70281	0.749911	0.788548	-1.26815	0.826287	0.849358	-1.17736	0.560253	1.54886	1.54886	0.156212	0.324071	-3.08574	0.618171	1.4525	1.4525	0.3825	0.514125	-1.94505	0.621756	5.43387	7.7685	1
cg16747564	SOX1	0.753408	0.72537	1.2181	1.2181	0.977066	0.984048	-1.01621	0.735806	1.20857	1.20857	0.28734	1.85517	1.85517	0.247186	0.508219	-1.96765	0.307631	1.80532	1.80532	0.784413	0.857788	-1.16579	0.377684	1.6592	1.6592	0.855782	0.903238	-1.10713	0.621736	3.0812	4.40515	1
cg03164243	MIR33B;SREBF1;SREBF1	0.753412	0.37322	0.665023	-1.50371	0.441602	1.4193	1.4193	0.369805	1.50835	1.50835	0.649088	1.22683	1.22683	0.171294	0.522041	-1.91556	0.84279	0.9152	-1.09266	0.87544	0.932391	-1.07251	0.789202	0.887295	-1.12702	0.905509	0.948386	-1.05442	0.621731	1.96097	2.8036	1
cg15267107	ZNF212	0.753414	0.407312	0.861006	-1.16143	0.695605	1.07189	1.07189	0.944991	1.01226	1.01226	0.892755	0.976466	-1.0241	0.784957	0.952857	-1.04948	0.240647	0.80502	-1.2422	0.591547	1.10036	1.10036	0.187288	1.27987	1.27987	0.940174	0.986835	-1.01334	0.621728	0.306941	0.438836	1
cg05202497	GEMIN5	0.753455	0.722062	0.910764	-1.09798	0.722016	1.098	1.098	0.512195	1.19002	1.19002	0.134895	0.655857	-1.52472	0.974513	0.991674	-1.0084	0.891321	1.03642	1.03642	0.226752	0.717391	-1.39394	0.898789	1.03386	1.03386	0.975426	1.00809	1.00809	0.62167	0.674337	0.964194	1
cg15797801	SRRT;SRRT;SRRT;SRRT	0.753463	0.720584	1.16955	1.16955	0.821448	1.10359	1.10359	0.881906	1.06697	1.06697	0.788383	0.889305	-1.12447	0.925315	0.959938	-1.04173	0.868846	0.930471	-1.07473	0.558725	1.29416	1.29416	0.180728	1.85847	1.85847	0.116709	2.10275	2.10275	0.62166	1.87222	2.67702	1
cg07785314	FLJ16779;NKAIN4	0.753471	?	?	?	0.205551	0.301133	-3.32079	0.986387	0.984784	-1.01545	0.930957	0.925078	-1.08099	0.941897	0.936591	-1.0677	0.395731	2.18506	2.18506	?	?	?	0.75045	0.750693	-1.3321	0.321342	0.398208	-2.51125	0.584314	5.81329	11.3702	1
cg17344091	TRIM27	0.753471	0.942829	1.03829	1.03829	0.905879	1.06393	1.06393	0.465354	0.677568	-1.47587	0.539521	0.722221	-1.38462	0.774982	1.16201	1.16201	0.363561	1.631	1.631	0.276786	1.80871	1.80871	0.571741	1.34902	1.34902	0.284565	0.558574	-1.79027	0.621648	2.70224	3.86391	1
cg01132064	DGKZ;DGKZ;DGKZ;DGKZ	0.753499	0.58974	1.3091	1.3091	0.428169	1.49216	1.49216	0.702106	0.826844	-1.20942	0.934788	0.96032	-1.04132	0.581972	0.759503	-1.31665	0.14703	2.15969	2.15969	0.622686	1.27811	1.27811	0.412314	1.51396	1.51396	0.5676	0.751375	-1.33089	0.62161	2.41002	3.44627	1
cg00433866	MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG;MOG	0.7535	0.601762	1.53604	1.53604	0.544523	1.64865	1.64865	0.400386	0.49575	-2.01715	0.602889	1.53396	1.53396	0.678894	0.712244	-1.40401	0.40809	1.99322	1.99322	0.619859	1.50323	1.50323	0.762933	1.27966	1.27966	0.137094	3.68903	3.68903	0.621607	6.54158	9.35435	1
cg06687820	SAPS2	0.753518	0.348961	0.829208	-1.20597	0.549559	1.1248	1.1248	0.310872	1.22588	1.22588	0.526521	0.88281	-1.13275	0.898656	1.02506	1.02506	0.768029	0.944169	-1.05913	0.771979	0.945125	-1.05806	0.700518	1.07796	1.07796	0.217682	0.77733	-1.28646	0.621583	0.371407	0.531128	1
cg26296894	KAT2B	0.753523	0.61103	0.650042	-1.53836	0.653995	0.684644	-1.46061	0.390693	2.09292	2.09292	0.756889	1.29791	1.29791	0.26994	0.381116	-2.62387	0.409251	0.492276	-2.03138	0.452901	0.526184	-1.90047	0.236888	0.35323	-2.83102	0.948997	1.05519	1.05519	0.621575	6.94177	9.92714	1
cg00622389	ARMCX2;ARMCX2	0.753525	0.269452	0.348478	-2.86962	0.344992	0.410004	-2.439	0.504391	0.537412	-1.86077	0.68037	1.46187	1.46187	0.982609	0.980219	-1.02018	0.13643	0.229745	-4.35264	0.878222	0.868879	-1.15091	0.892998	1.1313	1.1313	0.851861	1.18692	1.18692	0.621573	8.27178	11.8292	1
cg09663655	PRDM16;PRDM16	0.753535	0.11131	2.59636	2.59636	0.261926	1.90309	1.90309	0.942138	1.04074	1.04074	0.985078	0.989766	-1.01034	0.76748	1.17715	1.17715	0.25933	1.91036	1.91036	0.536029	1.41157	1.41157	0.774122	1.17149	1.17149	0.549713	1.39505	1.39505	0.621558	2.97857	4.25965	1
cg21443143	ZFAT;ZFAT	0.75355	0.764758	0.772779	-1.29403	0.286383	2.58809	2.58809	0.134486	3.99913	3.99913	0.765905	0.773786	-1.29235	0.529897	0.578926	-1.72734	0.937568	0.934928	-1.0696	0.456554	1.918	1.918	0.982235	0.981057	-1.01931	0.952247	1.05278	1.05278	0.621538	7.26221	10.386	1
cg13696545	ERC2	0.753551	0.37634	1.32312	1.32312	0.353417	1.34242	1.34242	0.345293	1.34956	1.34956	0.795848	1.08325	1.08325	0.952943	0.981964	-1.01837	0.270373	1.42467	1.42467	0.154066	1.60094	1.60094	0.576548	1.19005	1.19005	0.351378	1.3442	1.3442	0.621537	0.936299	1.33904	1
cg16639627	HDX;HDX	0.753587	0.236902	0.311009	-3.21534	0.996206	1.00449	1.00449	0.836928	1.21439	1.21439	0.541958	1.78932	1.78932	0.515377	0.537053	-1.86202	0.136399	0.220389	-4.53744	0.881419	1.15106	1.15106	0.914274	1.10682	1.10682	0.89664	1.13031	1.13031	0.621486	8.74328	12.5052	1
cg20239949	NSMAF;NSMAF	0.753594	0.160841	1.33351	1.33351	0.787714	1.05323	1.05323	0.956563	1.01052	1.01052	0.445545	1.16117	1.16117	0.962343	0.990969	-1.00911	0.195951	1.30053	1.30053	0.893363	1.02611	1.02611	0.48417	0.872305	-1.14639	0.646064	1.09292	1.09292	0.621476	0.363428	0.519806	1
cg25007487	OOEP	0.753602	0.979587	1.00638	1.00638	0.896561	1.03284	1.03284	0.400114	0.807358	-1.23861	0.243484	0.738457	-1.35417	0.437156	1.21765	1.21765	0.698205	0.907735	-1.10164	0.748815	1.08309	1.08309	0.220018	0.725866	-1.37766	0.679093	1.10888	1.10888	0.621465	0.607514	0.868936	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105 vs. N)	Fold-Change(1-vs-105 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1-vs-1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1-vs-1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1-vs-1533 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5533 vs. N)	Fold-Change(5-vs-5633 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg06404456	MIDS	0.753616	0.853107	0.957401	1.04949	0.511968	0.855376	-1.16908	0.650284	1.11315	1.11315	0.424498	1.21114	1.211114	0.578002	1.14313	1.14313															
cg10366062	AMN	0.753619	0.161048	0.395013	-2.53156	0.849685	0.888943	-1.12493	0.762681	1.20672	1.20672	0.406859	0.590689	-1.69294	0.699941	0.786404	-1.27161															
cg16133807	HSBP1L1	0.753645	0.65275	1.77034	1.77034	0.129511	0.788988	0.788988	0.396558	2.98863	2.98863	0.668191	1.72251	1.72251	0.251084	4.53693	4.53693															
cg15888087	H2AFY;H2AFY2;H2AFY;H2AFY	0.753651	0.814889	1.03962	1.03962	0.42995	0.875061	-1.14277	0.524613	1.18355	1.18355	0.831228	1.05826	-1.05999	0.326053	1.18292	1.18292															
cg09547170	SLK	0.753652	0.157353	0.711239	-1.406	0.939789	0.107117	1.017177	0.631072	0.896702	-1.1152	0.964027	0.989888	-1.01021	0.970022	0.812657	-1.23053															
cg15318176	PTPN2;PTPN2-PTPRN2	0.753657	0.9275	1.02299	1.02299	0.30981	1.30022	1.30022	0.246339	0.738711	-1.35371	0.880304	0.963058	-1.03816	0.454888	0.828481	-1.20942															
cg17556588	PRRG4	0.753666	0.634059	0.862047	-1.16003	0.388483	0.760084	-1.31564	0.246166	1.4571	1.4571	0.861678	0.947308	-1.05562	0.542716	1.21076	1.21076															
cg11049905	EDIT1	0.753692	0.63705	0.916588	-1.09207	0.777789	1.05727	1.05727	0.326763	1.22053	1.22053	0.456383	1.16918	1.16918	0.293626	0.809585	-1.23518															
cg05880944	DTYMK;DTYMK;DTYMK	0.753703	0.793702	0.964456	-1.31992	0.937272	0.745503	-1.0911	0.670763	0.829248	-1.5892	0.608809	0.562178	-1.7788	0.08799	0.122353	-8.17309															
cg02124912	GPR37L1	0.753704	0.981512	1.01422	1.01422	0.417905	0.603765	-1.65627	0.768601	0.835415	-1.19701	0.269337	2.0161	2.0161	0.944606	0.958529	-1.04327															
cg07879399	TRIM65	0.753715	0.772174	0.894863	-1.11794	0.440406	0.741106	-1.34933	0.518205	0.78403	-1.27546	0.787092	0.88188	-1.13407	0.854	0.8474	-1.18005															
cg08814373	VAV2;VAV2	0.75731	0.98038	1.00362	1.00362	0.809798	0.965151	-1.03611	0.388834	1.13873	1.13873	0.170253	0.806658	-1.23968	0.994703	1.00098	1.00098															
cg02505126	TMEM209	0.753715	0.302264	2.059213	2.059213	0.37149	3.10406	3.10406	0.52759	2.20051	2.20051	0.462275	2.51855	2.51855	0.231486	0.212412	-4.70783															
cg25435270	FBN330	0.753757	0.8382	1.03072	1.03072	0.405251	1.1343	1.1343	0.13476	1.25061	1.25061	0.265656	0.842263	-1.18728	0.636906	1.0729	1.0729															
cg12443452	PACRG;PACRG;PACRG	0.753761	0.419259	1.80172	1.80172	0.164732	2.87787	2.87787	0.318203	2.08753	2.08753	0.215435	2.53486	2.53486	0.451088	1.72938	1.72938															
cg16121685	UHMK1	0.753765	0.461025	1.15511	1.16513	0.615438	1.12858	1.12858	0.277368	1.26103	1.26103	0.818464	1.04793	1.047931	0.255566	1.27342	1.27342															
cg13162328	KIAA1967;KIAA1967	0.753774	0.209077	0.547489	-1.82652	0.799387	0.891397	-1.12183	0.998625	1.00078	1.00078	0.650772	0.813932	-1.2286	?	?	?															
cg20494553	UTP3	0.753786	0.795159	1.03667	1.03667	0.898434	1.05733	1.05733	0.752837	0.957222	-1.04469	0.656549	0.939958	-1.06388	0.538912	0.917503	-1.08991															
cg17972789	TLE3;TLE3;MIR629;TLE3	0.753791	0.46848	0.759404	-1.31656	0.615643	1.27577	1.27577	0.964952	1.01653	1.01653	0.159616	0.570787	-1.75197	0.48077	0.765319	-1.30664															
cg19235418	KCNH8	0.753791	0.321387	0.401696	-2.48945	0.385112	2.20944	2.20944	0.635219	1.53028	1.53028	0.988534	1.01288	1.01288	0.166188	0.268629	-3.72261															
cg07420232	USP48;USP48	0.753807	0.743608	1.2892	1.2892	0.350772	0.89844	-1.11305	0.561509	0.718407	-1.39197	0.833652	1.13705	1.13705	0.937232	0.979392	-1.02081															
cg02836541	PKDCC;PKDCC	0.753816	0.901634	1.03099	1.03099	0.920872	1.02483	1.02483	0.3449	1.27165	1.27165	0.267021	1.33028	1.33028	0.619918	0.883917	-1.13133															
cg17858500	C20orf27	0.753838	0.364413	2.645157	2.645157	0.108954	2.18024	2.18024	0.275776	1.62613	1.62613	0.915959	1.69399	1.693991	0.450004	1.40965	-1.40965															
cg11231291	C1orf87	0.753841	0.969894	1.01034	1.01034	0.801893	0.933758	-1.07094	0.513289	1.19811	1.19811	0.874949	0.957972	-1.04387	0.281589	1.35674	1.35674															
cg12630336	SOX18	0.753846	0.970632	0.983338	-1.01695	0.965795	1.01978	1.01978	0.680545	1.20812	1.20812	0.339375	0.637818	-1.56785	0.306254	0.61647	-1.62214															
cg07482937	MYL6B	0.753846	0.650182	1.33522	1.33522	0.74564	1.22801	1.22801	0.868718	1.11043	1.11043	0.159012	2.59189	2.59189	0.270323	0.483462	-2.0684															
cg04945443	BAT5	0.753847	0.297309	0.705743	-1.41695	0.603491	0.845097	-1.1833	0.617989	0.850891	-1.17524	0.498301	1.24753	1.247753	0.956321	0.982663	-1.01764															
cg05081033	SEMA3A	0.753862	0.437351	0.593065	-1.68616	0.879014	1.05733	1.05733	0.752837	0.957222	-1.04469	0.656549	0.939958	-1.06388	0.538912	0.917503	-1.08991															
cg05727584	MIR1910;C16orf74	0.753907	0.64908	0.05755	0.170334	0.956519	-1.04546	0.509797	1.08509	1.08509	0.418355	1.10628	1.102628	0.642661	-1.05873	1.05873															
cg18212955	ZNF160;ZNF160;ZNF16C	0.753922	0.945253	0.989734	-1.01037	0.373134	1.14719	1.14719	0.907402	0.982668	-1.01764	0.234022	0.829063	-1.20618	0.96585	0.993775	-1.00626															
cg18908981	ABHD5	0.753937	0.651887	1.09118	1.09118	0.697222	1.10483	1.10483	0.807576	1.12288	1.12288	0.565799	1.09224	1.09224	0.973934	1.00078	1.00078															
cg18366149	TANC2	0.753941	0.545734	1.28579	1.28579	0.184831	1.78278	1.78278	0.228796	1.68074	1.68074	0.329084	1.513	1.513	0.209232	1.67767	1.67767															
cg11702483	ASPH02	0.753943	0.358578	0.680754	1.47004	0.196351	0.836752	1.19536	0.599125	0.950444	1.05965	0.607406	0.950444	1.05965	0.607406	0.950444	1.05965															
cg15224006	PPP1R3F	0.753951	0.159561	0.327002	-3.05808	0.514916	0.611961	-1.63409	0.54455	0.633753	-1.5779	0.568901	1.53447	1.53447	0.880139	0.893849	1.11876															
cg06136002	HMGB3	0.753952	0.207003	0.085093	-11.7518	0.828102	0.668553	-1.49577	0.824038	0.662096	-1.51035	0.218501	10.9844	10.9844	0.640099	2.39149	2.39149															
cg02167770	LEXH1	0.753956	0.0962039	0.449437	-2.22501	0.943025	0.969312	-1.03166	0.473495	0.726748	-1.37599	0.352815	0.657982	-1.5198	0.396991	0.684054	-1.46187															
cg12115869	KIAA0355	0.75988	0.798572	1.05016	1.05016	0.552373	0.826338	-1.64648	0.563606	0.86601	-2.73216	0.367164	0.890884	-1.12092	0.826855	0.966102	-1.20846															
cg22758834	PDK4	0.753997	0.360669	1.48288	1.48288	0.853003	0.921581	-1.08087	0.690043	0.845299	-1.18301	0.586981	1.25854	1.25854	0.679856	1.19002	1.19002															
cg13917619	DUT;DUT;DUT	0.754026	0.482609	0.879397	-1.13714	0.329532	1.19869	1.19869	0.531794	0.892199	-1.12083	0.605029	0.90923	-1.09983	0.876206	0.972314	-1.02847															
cg27029179	CADM1;CADM1	0.754034	0.597542	1.19252	1.19252	0.482525	1.48532	1.48532	0.152659	1.16552	1.16552	0.456579	1.36552	1.36552	0.224751	2.64751	-1.37881															
cg13795336	CMIP;CMIP	0.754045	0.789577	0.946268	-1.05678	0.137288	0.39164	0.39164	0.801741	1.05333	1.05333	0.387233	0.832762	-1.20082	0.868442	0.966348	-1.03482															
cg08183694	PARVA	0.754083	0.946868	1.03458	1.03458	0.738198	0.983198	0.983198	0.917255	1.13634	1.13634	0.566329	1.18121	1.18121	0.57041	0.848311	-1.17901															
cg13151992	CACNA1H;CACNA1H	0.754053	0.727813	0.826352	-1.21014	0.141547	0.421924	-2.3701	0.85453	1.10538	1.10538	0.837791	1.1184	1.1184	0.185823	0.464967	-2.15069															
cg19891562	ASAP1	0.754059	0.821379	0.959877	-1.06852	0.503447	0.945912	-1.06127	0.886366	1.0384	1.0384	0.69877	0.902797	-1.10789	0.674907	0.940791	-1.06307															
cg03123700	STK32C	0.754089	0.703587	0.844268	-1.18447	0.846055	0.841807	1.80746	0.479201	0.854845	1.17005	0.816955	1.16028	1.160284	0.216648	2.55922	2.55922															
cg12934371	DLGAP2	0.754091	0.637711	0.862823	-1.15899	0.889879	0.957822	-1.04404	0.726797	1.11529	1.11529	0.909729	1.03591	1.03591	0.265498	1.4347	1.4347															
cg11052081	TBC1D8	0.754094	0.767322	0.933292	1.07125	0.396055	1.12383	1.12383	0.412287	1.10258	1.10258	0.665799	0.864717	-1.15718	0.759102	0.87425	1.07425															
cg18130076	RBM14	0.754127	0.936054	1.0169	1.0169	0.919334	0.977669	-1.02284	0.535432	1.2306	1.2306	0.7368	1.07301	1.07301	0.53743	1.13934	1.13934															
cg26793710	CDC73	0.754132	0.771747	1.06573	1.06573	0.99451	0.999254	-1.00126	0.863531	1.02095	1.02095	0.91673	1.11928	1.11928	0.610022	1.36192	1.36192															
cg14452096	GOLGA1	0.754146	0.602721	1.07992	1.07992	0.245629	1.19459	1.19459	0.361913	1.14459	1.14459	0.879857	1.06264	1.06264	0.658825	1.07222	1.07222															
cg01820754	FERMT2;FERMT2;FERMT2	0.75415	0.460912	0.767008	-1.30377	0.424392	1.33413	1.33413	0.157603	1.70566	1.70566	0.555385	1.2674	1.2674	0.141106	1.34581	1.34581															
cg02150709	PPIH	0.754152	0.720754	0.861455	-1.16077	0.473778	0.684568	-1.46014	0.480195	1.14373	1.14373	0.440195	1.1473	1.1473	0.440195	1.14374	1.14374															
cg25378728	CHD7	0.754172	0.342037	0.38048	-2.62826	0.145326	0.213629	-4.68101	0.926026	0.912412	-1096	0.896865	0.879847	-1.13656	0.197745	0.26085	-3.83362															
cg00785522	ADAMTSL4;ADAMTSL4	0.754186	0.688279	1.12519	1.12519	0.534016	1.23227	1.23227	0.646125	0.873526	-1.14479	0.972358	0.980917	-1.01019	0.270802	0.715101	-1.3984															
cg03889700	ADD1;ADD1;ADD1;ADD1	0.754186	0.917392	0.965084	-1.03618	0.666433	1.01452	1.01452	0.848834	0.936723	-1.06755	0.367700	1.37295	1.37295	0.39532	0.741258	-1.34906															
cg01512230	PEU2 DAZAP2;DAZAP2;DAZAP2;DAZAP2;DAZ	0.754196	0.656527	2.16761	2.16761	0.767792	0.599433	-1.66824	0.967422	1.07314	1.07314	0.949988	0.897255	-1.11451	0.86723	1.33536	1.33536															
cg04874419	AP2;DAZAP2	0.754213	0.988754	1.00201	1.00201	0.911284	1.016	1.016	0.0774314	1.32251	1.32251	0.408626	1.1279	1.1279	0.839793	1.02924	1.02924															
cg07908830	GRINA;GRINA	0.754214	0.970057	1.02049	1.02049	0.492395	1.45765	1.45765	0.818754	1.13207	1.13207	0.504864	1.44155	1.44155	0.347155	0.592626	-1.6874															
cg03369999	TMEM44;TMEM44;TMEM44;TMEM44	0.754226	0.252393	0.558698	-1.78988	0.953972	0.972285	-1.0285	0.980261	0.988026	-1.01212	0.682825	1.22145	1.22145	0.100219	0.416061	-2.4035															
cg26963044	DGKZ;DGKZ;DGKZ;DGKZ	0.754253	0.909955	1.052151	1.052151	0.649379	0.27603	-2.78539	0.313013	0.817426	1.22572	0.283257	0.760554	1.31494	0.214634	0.810467	-1.23407															
cg04566660	CCRN4L	0.754273	0.954697	1.01328	1.01328	0.894262	0.969592	-1.03136	0.714482	0.918332	-1.08893	0.561342	0.87251	-1.14612	0.33025	0.791916	-1.26276															
cg11835544	PTPN2;PTPN2-PTPRN2	0.754298	0.720305	0.656622	-1.52229	0.14298	0.4594	0.4594	0.033124	0.232109	-4.30832	0.899921	0.862967	-1.15929	0.571374	0.515357	-1.94049															
cg00339217	ISPD;ISPD	0.754305	0.902424	0.9042	-1.10595	0.375392	0.473804	-2.11058	0.466197	0.543979	-1.83831	0.938348	-1.06559	0.56098	0.617132	1.6204	1.6204															
cg01580888	RHPN2	0.754319	0.592725	0.640216	-1.56197	0.835839	0.8425	-1.18694	0.610314	1.52885	1.52885	0.796611	0.807892	-1.23779	0.913561	1.09383	1.09383															
cg02622227	KIAA1033;KIAA1033	0.754321	0.845638	1.03955	1.03955	0.494245	1.13649	1.13649	0.287473	1.79202	1.79202	0.676502	1.20238	1.20238	0.272615	1.54202	1.54202															
cg17631894	FOXI1	0.754334	0.86676	1.08357	1.08357	0.888183	0.4526	0.4526	0.420267	0.674641	-1.48227	0.816478	0.894835	-1.11752	0.717947	0.84082	-1.18931															
cg26506209	ATP6V1E1;ATP6V1E1;ATP6V1E1	0.754336	0.494387	1.15333	1.15333	0.708338	1.12423	1.12423	0.705393	1.12954	1.12954	0.377955	0.844683	-1.18441	0.272824	1.23949	1.23949															
cg16737471	ZDHHC9;ZDHHC9	0.754342	0.208006	0.112542	-8.88553	0.978875	1.04453	1.04453	0.873145	0.768795	-1.30074	0.198251	0.36919	0.36919	0.664638	2.04979	2.04979															
cg14506668	FHL1;FHL1;FHL1;FHL1	0.754347	0.132663	0.288271	-3.35266	0.24246	0.401686	-2.48951	0.7841	0.814754	-1.22736	0.651227	1.40398	1.40398	0.584965	1.50864	1.50864															
cg26496293	IQCA1	0.754349	0.337286	0.810938	1.23325	0.215255	1.23255	1.23255	0.360406	1.67617	1.67617	0.55372	1.37315	1.37315	0.355053	1.3716	1.3716															
cg18530950	IWS1	0.754348	0.431995	0.79632	-1.25578	0.97021	1.01066	1.01066	0.226978	1.43367	1.43367	0.244236	0.707522	-1.41338	0.654403	0.978982	-1.13652															
cg06228260	PTPN2;PTPN2-PTPRN2	0.754351	0.87923	1.03258	1.03258	0.551154	0.979941	1.02047	0.823788	1.14298	1.14298	0.626199	1.03054	1.03054	0.296204	1.43385	1.43385															
cg06254964	C1orf49;C1orf49;C1orf49	0.754358	0.885329	0.955671	-1.04639	0.409768	1.30327	1.30327	0.815639	1.07615	1.07615	0.500514	0.806656	-1.23969	0.933082	0.973958	-1.02674															
cg26881519	POP2	0.754372	0.122261	0.445207	-2.24596	0.976025	0.984049	0.984049	0.926548	0.926548	-1.0862	0.827011	0.880493	-1.13424	0.979741	0.62851	-1.59094															
cg16796151	PTPRN2;PTPRN2;PTPRN2	0.754379	0.988942	0.990563	1.00955	0.127346	1.08958	1.08958	0.203398	2.50565	2.50565	0.9692	1.02677	1.02677	0.939837	1.30346	1.30346															
cg25595571	BAG5;BAG5;BAG5;BAG5;C14orf153	0.754398	0.310995	0.700259	-1.42804	0.775588	1.02203	1.0203	0.762032	0.901917	-1.10875	0.918061	1.0356	1.0356	0.983083	1.00723	1.00723															
cg18587364	ZNF562;ZNF562;ZNF562	0.754405	0.999955	1.052151	1.052151	0.649379	0.27603	-2.78539	0.313013	0.817426	1.22572	0.283257	0.760554	1.31494	0.214634	0.810467	-1.23407															
cg10427811	LOC441089	0.754405	0.525749	1.29293	1.29293	0.509499	0.765396	-1.36651	0.324201	1.50204	1.50204	0.999764	1.00012	1.00012	0.277178	0.636615	-1.57081															
cg26157104	ADAM8;ADAM8;ADAM8	0.754415	0.52631	0.674644	-1.47823	0.990268	0.588348	-1.69942	0.824693	0.885457	-1.12907	0.623973	0.966382	-1.03501	0.872764	1.480908	1.480908															
cg16383389	MRTO4	0.754423	0.582697	1.19622	1.19622	0.536102	0.787251	-1.25225	0.31555	0.630406	1.76467	-1.58637	0.584493	1.71098	0.633201	1.66837	1.66837															
cg00472292	C4orf41;RWDD4A;C4orf41	0.754425	0.217241	1.50043	1.50043	0.933829	0.97438	-1.02629	0.250074	1.45597	1.45597	0.611344	1.17371	1.17371	0.721161	1.11853	1.11853															
cg17902858	KPCO1	0.754429	0.678931	1.07863	1.07863	0.664355	0.84748	-1.18021	0.473773	0.913845	1.20843	-1.09441	0.884693	1.13062	0.742307	1.00575	1.00575															
cg23591152	WDPY2	0.754438	0.60982	1.29396	1.29396	0.57942	1.35185	1.35185	0.25941	1.81958	1.81958	0.22752	1.90511	1.90511	0.270181	1.87578	1.87578															
cg06962513	WDR55	0.754443	0.281226	0.774995	-1.29093	0.783925	0.910916	-1.06456	0.296824	0.780828	-1.2807	0.815587	1.05462	1.05462	0.513726	1.25479	1.25479															
cg27590562	EXOC2	0.754454	0.994464	0.997109	1.00219	0.976492	0.760492	-1.31494	0.989698	0.997078	-1.25458	0.868383	0.983624	-1.01665	0.386452	1.44751	1.44751															
cg23135304	EMILIN1	0.754461	0.364792	0.760079	-1.31565	0.785815	1.03855	1.03855	0.610236	1.16351	1.16351	0.842863	0.943208	-1.06021	0.920372	0.970973	-1.02989															
cg14660586	KANK4	0.754514	0.925514	1.03555	1.03555	0.744168	1.14054	1.14054	0.18066	1.24074	1.24074	0.41751	1.16015	1.160151	0.408446	0.900915	-1.11025															
cg18059449	INTS12;INTS12;GSTCD	0.754471	0.800095	0.653726	-1.52969	0.824115	1.4519	1.4519	0.75748	1.68028	1.68028	0.758305	1.6782	1.6782	0.180816	0.090566	-11.0417															
cg03737475	FGF22;NUDT6;NUDT6	0.754515	0.819133	1.04143	1.04143	0.622138	1.604825	1.604825	0.163337	0.879337	1.07937	-1.07937	0.875253	1.144046	1.144046	0.67927	1.47241	1.47241	0.490225	0.760219	-1.31541	0.557248	1.792788	1.262137	0.638193	1.56598	2.515454	1.592484	0.745	0.75	0.75
cg18928584	CUEDC2	0.75452	0.877621	0.909504	-1.0995	0.759201	1.20836	1.20836	0.898694	1.08156	1.08156	0.698768	0.779962	-1.28211	0.503185	0.657311	-1.52135															
cg20126521	MRPL3	0.754523	0.351169	0.54754	0.54754	0.52601	0.320284	-3.12223	0.714373	0.521351	-1.9181	?	?	?	?	?	?															
cg10042643	ADAM8;ADAM8;ADAM8	0.754535	0.854891	1.03126	1.03126	0.596922	0.911678	-1.09688	0.229774	1.24399	1.24399	0.900954	1.02181	1.02181	0.573073	1.10369	1.10369															
cg04949556	MPHOSPH10;MPHOSPH10;MCEE	0.754553	0.591565	0.799146	1.25104	0.787291	1.09128	1.09128	0.287287	0.803353	1.24431	0.37954	0.889853	1.12412	0.379954	0.913366	1.09503															
cg00288419	ZNF181;ZNF181	0.754554	0.142726	1.32494	1.32494	0.847991	0.966307	-1.03487	0.70666	1.06986	1.06986	0.78471	1.05012	1.05012	0.253795	1.23719	1.23719															
cg11540624	PTMA;PTMA	0.754556	0.504785	1.72304	1.72304	?	?	?	0.490486	1.74772	1.74772	0.291307	0.614886	0.443301	-2.2558	0.837556	0.848140	-1.17904	0.55714	0.620586	-1.61138	0.779727	1.2525	1.2523	0.491898	1.75286	0.5013	0.533204	0.75853			
cg00954633	CAMTA1	0.754565	0.864672	1.15333	1.15333	0.643785	1.36533	1.36533	0.0988	1.50128	1.50128	0.210127	1.58168	1.58168	0.0988	1.54772	1.54772	0.591223	0.728207	1.372437	1.372437	1.40659	1.40659	0.587672	1.23986	1.237986	0.359795	0.602815	0.443309	0.022128	1.4924	0.21389	
cg14533885	PLSCR1	0.754557	0.206084	0.681931	-1.46642	0.821636	0.937244	-1.06696	?	?	?	0.24868	1.41355	1.41355	0.746769	0.911198	-1.09746	0.941913	0.979304	-1.02113	0.572599	0.84904	-1.1778	0.759923	0.915784	-1.09196	0.443835	0.799252	-1.25117	0.603344	0.699894	1.15984	
cg19078844	MAP4K4;MAP4K4;MAP4K4	0.754584	0.402465	0.744161	1.34333	0.55102	1.1052	1.1052	0.395462	1.22079	1.22079	0.881847	1.03347	1.033474	0.861194	1.04094	1.04094	0.504204	0.525772	1.902191	1.902191	1.04813	1.04813	0.551811	1.58211	1.582211	0.508403	0.321555	0.516004	0.379813	1	
cg20451727	LIN54;LIN54;LIN54;LIN54;LIN54	0.754622	0.964831	1.01023	1.01023	0.612978	1.12498	1.12498	0.319002	1.26842	1.26842	0.915084	0.975675	-1.02493	0.374769	1.23408	1.23408	0.425079	0.828563	-1.20691	0.215132	0.739896	-1.35154	0.909988	1.10264	1.026405	0.523438	0.750406				
cg17203119	HIPK1;HIPK3	0.754628	0.447961	1.27517	1.27517	0.684327

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Test)	S5(Test)	S5(Error)	F(Error
cg22330055	SFACA4,FAM83E	0.755091	0.375391	0.747983	1.33691	0.468571	1.26539	0.95175	1.0395	1.0395	0.571603	0.833218	1.20817	0.521294	0.812621	1.23059	0.740277	0.899263	-1.11202	0.151799	0.6328	1.58006	1.043	1.043	0.639378	0.999353	1.4342	1
cg10240496	LOC646762	0.755095	0.515657	1.2477	1.2477	0.937064	0.973834	-1.02687	0.989648	1.00437	1.00437	0.651869	0.858572	-1.16472	0.930667	1.19998	1.19998	0.159649	0.603799	-1.65618	0.600067	0.837259	-1.48357	0.285849	1.43583	0.988473	1.043	1.043	0.639373	1.10576	1.58692	1
cg24352934	ABR;ABR	0.755103	0.71561	0.821591	-1.21715	0.346771	1.6826	1.6826	0.858429	1.10064	1.10064	0.803322	1.14341	1.14341	0.211875	0.49347	-2.02646	0.292156	1.79855	1.79855	0.928698	1.04024	1.04024	0.733055	1.20185	1.20185	0.481336	0.68086	-1.46873	0.619362	2.82919	4.06064	1
cg19673246	PELP1	0.755108	0.20585	1.80561	-1.2413	0.617369	0.921474	-1.08522	0.875301	1.02587	1.02587	0.450526	0.882993	-1.13303	0.830582	1.20353	1.20353	0.965806	-1.0354	0.962168	1.00773	1.00773	0.453765	1.13191	1.13191	0.329022	1.17771	1.17771	0.519125	1.11195	1.11195	0.693554	0.258607	0.371148	1
cg13440296	TET2;TET2	0.755121	0.27673	0.817659	-1.223	0.712118	1.06841	1.06841	0.348684	1.1873	1.1873	0.787256	0.953006	-1.04931	0.651987	1.08414	1.08414	0.948228	0.988512	-1.01162	0.249657	0.953706	1.04938	1.04938	0.357205	0.851392	-1.17455	0.956307	0.990298	-1.0098	0.619337	0.310587	0.445763	1
cg17939631	GCK;GCK;GCK	0.755139	0.362512	0.574719	-1.73998	0.837086	0.906999	-1.10254	0.515983	0.731797	-1.3665	0.769552	0.860988	-1.16944	0.082068	0.401011	-2.49308	0.538055	0.744094	-1.34392	0.526758	0.737814	-1.35536	0.953982	1.02774	1.02774	0.635482	0.797407	-1.25407	0.619311	2.20468	3.16436	1
cg08183114	PBX2	0.755141	0.948474	0.959154	-1.04259	0.144585	0.363778	-2.74893	0.305203	0.504021	-1.98404	0.377749	1.79323	1.79323	0.969113	1.0253	1.0253	0.804154	1.1739	1.1739	0.690087	0.772105	-1.29516	0.792868	0.843817	-1.18509	0.672101	1.31617	1.31617	0.619309	4.08431	5.86217	1
cg00142851	JARID2	0.755172	0.167822	0.379972	-2.63593	0.172592	0.384	-2.60417	0.998618	1.00114	1.00114	0.737827	0.801312	-1.24795	0.521131	1.06748	1.06748	0.905961	1.08104	1.08104	0.73135	1.39634	1.39634	0.462196	0.610494	1.63802	0.446892	0.5998	1.66702	0.619265	4.26382	6.12026	1
cg13668421	GAUNTL2	0.755173	0.567262	0.705137	-1.41833	0.234011	0.945593	-1.21498	0.827703	1.13898	1.13898	0.814995	0.889505	-1.12409	0.727029	1.07275	1.07275	0.664793	0.215148	0.383016	0.582474	-1.71681	0.374841	0.576773	-1.73379	0.279913	0.50731	-1.97118	0.806388	1.15992	1.15992	0.619264	3.57997	5.13867	1
cg12031182	HES1	0.755184	0.612014	1.24727	1.24727	0.833068	0.912858	-1.09546	0.914789	0.954816	-1.04732	0.349766	0.65982	-1.51557	0.325534	0.644981	-1.55043	0.269498	0.608509	-1.64336	0.158849	0.521758	-1.9166	0.597373	0.794328	-1.25893	0.668621	0.830262	-1.20444	0.619249	1.8302	2.62712	1
cg20698242	HIST	0.755189	0.371004	0.669368	-1.49407	0.154376	0.36433	-2.74435	0.713013	0.848795	-1.17512	0.579775	0.732709	1.36492	0.291017	0.503189	-1.98607	0.779667	1.13195	1.13195	0.882226	1.03835	1.03835	0.836488	0.791	1.26435	0.693269	0.71725	1.39482	0.619242	1.92076	2.75715	1
cg09253508	ZNF490;ZNF791;ZNF49C	0.75519	0.704836	1.06558	1.06558	0.769788	0.945392	-1.05776	0.428571	0.856712	-1.16725	0.34077	0.828728	-1.20667	0.927017	1.01769	1.01769	0.098136	0.706862	-1.41506	0.666335	0.920319	-1.08656	0.929385	0.983182	-1.01711	0.714756	1.07277	0.619241	0.359138	0.515525	1
cg09359729	BIN	0.755193	0.355556	0.539076	-1.88132	0.747965	0.805741	-1.23956	0.778825	0.829719	-1.20523	0.579587	0.688838	-1.45172	0.312253	0.498423	-2.00633	0.686069	0.762864	-1.31085	0.465384	0.605962	-1.65045	0.114359	0.318553	-3.1392	0.647942	0.994444	1.00636	0.619316	4.35164	6.24961	1
cg08359123	SPDEF	0.7552	0.434826	0.805641	-1.24125	0.514081	1.19658	1.19658	0.871048	0.956895	-1.04505	0.415245	0.797831	-1.2534	0.275171	0.734977	-1.36059	0.492364	0.827689	-1.20818	0.280406	1.3557	1.3557	0.665382	0.88688	-1.12526	0.918828	0.971068	-1.02979	0.619226	0.721426	1.0356	1
cg00413099	ID1;ID1	0.755205	0.804546	1.1672	1.1672	0.752545	1.21802	1.21802	0.713237	0.794401	-1.25881	0.646841	1.33328	1.33328	0.812912	1.3667	1.3667	0.903559	1.07851	1.07851	0.866592	0.900968	-1.11053	0.891019	0.900581	-1.32689	0.657713	1.32055	1.32055	0.61922	3.81316	5.47379	1
cg00238593	DDX54;DDX54	0.755213	0.570383	0.83117	-1.20294	0.807933	0.916875	-1.09036	0.557326	0.785224	-1.27352	0.662529	0.855149	-1.16939	0.125	0.553363	-1.80713	0.688451	1.15445	1.15445	0.728933	1.13198	1.13198	0.923162	1.03407	1.03407	0.242553	0.646747	1.5462	0.619209	1.2421	1.78752	1
cg22950153	IGDCC3	0.755219	0.598016	0.943678	-1.05968	0.95908	0.994425	-1.00561	0.556343	1.06697	1.06697	0.394712	0.909396	-1.09963	0.89636	0.985901	-1.0143	0.205698	0.864632	-1.15656	0.285147	0.886074	-1.12857	0.751197	0.965938	-1.03526	0.426325	1.09253	1.09253	0.6192	0.11641	0.167111	1
cg18983709	MST4;MST4;MST4	0.755219	0.367782	0.326509	-3.11907	0.129415	0.513802	-1.94627	0.763129	0.887473	-1.4546	0.268931	0.59054	1.69352	0.498625	2.32712	2.32712	0.159651	0.314095	-3.18375	0.798152	1.37041	1.37041	0.417627	2.3961	2.769	0.71519	1.57365	1.57365	0.6192	1.6208	2.2845	1
cg16537129	MAPKAPK3	0.755222	0.800223	1.08114	1.05318	0.670205	1.09149	1.09149	0.907903	1.03393	1.03393	0.132725	0.717842	-1.39306	0.3414	1.12182	1.12182	0.757195	1.06543	1.06543	0.959516	0.86988	-1.01043	0.754393	0.937879	-1.06624	0.403962	1.18791	1.18791	0.619196	0.409534	0.587908	1
cg06613755	PIK3;PIK3;PIK3	0.755232	0.388896	1.28244	1.28244	0.568656	1.17622	1.17622	0.93382	0.976874	-1.02367	0.195139	1.47113	1.47113	0.844811	0.946287	-1.05676	0.345629	1.31473	1.31473	0.855016	1.05288	1.05288	0.826313	0.939966	-1.06387	0.333423	0.754977	-1.32454	0.619182	0.778284	1.11729	1
cg04445159	PDSS2;PDSS2	0.75524	0.494449	1.29833	-1.25183	0.779857	0.86433	-1.15683	0.81845	0.934034	-1.5772	0.770065	1.09906	1.09906	0.918482	0.967404	1.03369	0.701091	0.882826	-1.13298	0.78706	1.09452	1.09452	0.979027	0.964687	-1.33926	0.278569	1.44011	1.44011	0.61917	1.02763	1.47529	1
cg03713952	DHX36;DHX36;DHX36	0.755248	0.709331	0.911361	-1.09726	0.147763	1.46955	1.46955	0.321343	1.28914	1.28914	0.734607	0.919114	-1.088	0.583628	1.14706	1.14706	0.525488	1.1729	1.1729	0.488433	1.19061	1.19061	0.898106	1.03226	1.03226	0.305848	1.30058	1.30058	0.619159	0.602544	0.865036	1
cg30708715	FBXW2	0.755257	0.589068	1.09204	1.09204	0.939338	0.976196	-1.02458	0.743332	0.911791	-1.09698	0.615568	0.841191	1.07408	0.417757	0.780439	-1.28107	0.609297	1.06331	1.06331	0.864584	0.960962	-1.04095	0.914359	0.938553	-1.3192	0.619742	1.39544	1.39544	0.619236	4.35164	6.24961	1
cg22822647	TMEM38A;C19orf42	0.755259	0.295427	1.4659	1.4659	0.233228	0.643655	-1.55363	0.791844	0.910977	-1.09772	0.634787	0.844783	-1.18374	0.244257	0.53636	-1.86636	0.808423	0.917937	-1.0894	0.958276	0.981727	-1.01861	0.771738	1.10798	1.10798	0.808144	1.08954	1.08954	0.619144	1.21844	1.74928	1
cg21879725	APOE	0.755267	0.591044	1.26027	1.26027	0.23927	1.16644	1.16644	0.769614	1.13515	1.13515	0.718844	1.1669	1.1669	0.333653	0.653504	-1.53	0.361046	1.49246	1.49246	0.382154	1.66059	1.66059	0.292489	0.611458	1.64195	1.45655	0.614589	1.21202	1.21202	0.562352	0.778951	-1.28378	0.619133	1.78339	2.56042	1
cg05709610	FAM92B	0.755277	0.889695	1.09593	1.09593	0.98973	1.00916	1.00916	0.195074	0.86255	-1.46761	0.821048	0.861102	-1.1613	0.264189	0.524174	-1.90746	0.609377	1.06331	1.06331	0.864584	0.960962	-1.04095	0.914359	0.938553	-1.3192	0.619742	1.39544	1.39544	0.619236	4.35164	6.24961	1
cg21004684	IGHMBP2	0.755311	0.413689	0.453013	-2.20744	0.483866	0.509575	-1.96242	0.481596	0.96953	1.96953	0.743463	0.73258	-1.36504	0.330029	0.385788	-2.5921	0.755187	0.743503	-1.34499	0.126568	0.208876	-4.78752	0.56559	0.576744	-1.73387	0.686261	0.680594	-1.46931	0.61907	8.80349	12.6404	1
cg15272143	AHNAK	0.755467	0.331936	0.709203	-1.41007	0.338526	0.525525	-1.90263	0.842199	0.936855	-1.06743	0.864283	0.822199	-1.21605	0.148638	0.540702	-1.84917	0.33665	0.648336	-1.54232	0.891756	0.897487	-1.11425	0.778554	0.883852	-1.13131	0.883852	0.889852	-1.12422	0.873156	0.885344	-1.13181	0.618852	0.885344	0.64427	1
cg26142132	AANAT;AANAT	0.755471	0.225385	0.523225	-1.91122	0.353794	0.624474	1.62474	0.979657	1.01306	1.01306	0.959541	1.02614	1.02614	0.181082	0.485595	2.05933	0.693583	0.817541	-1.22318	0.797956	0.877652	-1.1394	0.729255	0.837976	-1.19335	0.735528	1.18824	1.18824	0.618847	1.53669	3.64361	1
cg24732574	SDC2	0.755548	0.959134	1.01358	1.01358	0.915584	1.02831	1.02831	0.62352	1.13915	1.13915	0.493154	1.20114	1.20114	0.173367	1.46445	1.46445	0.418735	1.24306	1.24306	0.239704	0.723107	-1.38292	0.83591	1.05613	1.05613	0.757466	1.08499	1.08499	0.618834	0.679635	0.976222	1
cg18951197	PI2D2	0.755482	0.186798	1.93134	1.93134	0.137351	0.338526	2.95303	0.842199	0.936855	1.06743	0.864283	0.822199	1.21605	0.148638	0.540702	1.84917	0.33665	0.648336	1.54232	0.891756	0.897487	1.11425	0.778554	0.883852	1.13131	0.883852	0.889852	1.12422	0.873156	0.885344	1.13181	0.618852	0.885344	0.64427	1
cg21243483	ZC3HC1	0.755514	0.8243	0.932772	-1.07207	0.666129	1.14552	1.14552	0.862607	0.947231	-1.05571	0.847205	0.941411	-1.06224	0.567305	0.834467	-1.19837	0.23626	0.676112	-1.47966	0.616958	1.58201	1.58201	0.587077	0.814871	-1.22718	0.797956	0.877652	-1.1394	0.729255	0.837976	-1.19335	0.735528	1.18824	1.18824	0.618847	1.53669	3.64361
cg00738648	ARPC3	0.755516	0.642076	0.802504	-1.24609	0.58403	0.8242	1.21309	0.842199	0.936855	1.06743	0.864283	0.822199	1.21605	0.148638	0.540702	1.84917	0.33665	0.648336	1.54232	0.891756	0.897487	1.11425	0.778554	0.883852	1.13131	0.883852	0.889852	1.12422	0.873156	0.885344	1.13181	0.618852	0.885344	0.64427	1
cg16344195	LOC285074	0.755557	0.472383	0.910636	-1.09813	0.38928	0.893156	-1.11963	0.629801	1.06418	1.06418	0.495239	1.09274	1.09274	0.699845	0.951596	-1.05087	0.560043	0.927304	-1.07839	0.277923	0.865453	-1.15546	0.206767	0.843216	-1.18594	0.929429	0.98872	-1.01141	0.618726	0.160732	0.230915	1
cg13132709	DDX3Y	0.755564	0.303907	0.45937	0.547332	2.32289	2.32289	0.67271	0.880049	1.18049	1.18049	0.316952	0.998469	1.00153	0.997254	0.998469	-1.00153	0.954218	1.0827	1.0827	0.75304	1.25304	1.25304	0.397254	0.974554	1.03702	-1.02432	0.865915	0.791027	-1.26418	0.618716	18.7705	26.9669	1
cg13400188	DENND3	0.755593	0.984681	1.01097	1.01097	1.0299	1.0299	1.0299	0.798378	0.48153	-2.07663	0.262602	0.496053	1.96944	0.407026	2.45578	2.45578	0.752938	1.11146	1.11146	0.944055	0.807203	-2.45578	0.880006	0.793059	-1.26094	0.783969	0.655704	-1.52508	0.597746	1.30885	1.95995	1
cg00045061	NSMAF;NSMAF	0.755595	0.717482	1.09808	1.09808	0.532932	1.17659	1.17659	0.147213	1.49259	1.49259	0.830577	0.94632	-1.05672	0.844727	0.950762	-1.05179	0.883657	1.03842	1.03842	0.920007	1.0262	1.0262	0.459056	0.823552	-1.21425	0.237554	1.37522	1.37522	0.618673	0.649698	0.933464	1
cg20555138	RAP2B	0.755596	0.893478	1.02494	1.02494	0.880282	1.1545	1.1545	0.862308	0.956828	1.04568	0.938218	0.968648	-1.0324	0.852826	1.08094	-1.18921	0.915731	0.759179	0.94504	-1.05811	0.624906	1.60203	1.60203	0.624252	1.28017	1.28017	0.88978	1.08978	0.923027	1.26009	1.63655	0.619052	0.476075	1.66003	0.836652	0.479376	1
cg03110045	CATSPER1 PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6;PCSK6	0.75565	0.830329	1.11681	1.11681	0.56438	0.730315	-1.36927	0.411299	0.648864	-1.54115	0.538446	1.37805	1.37805	0.6241	0.549194	1.82085	0.292896	0.5702	-1.75377	0.46253	0.680429	-1.46966	0.899551	0.937296	-1.0669	0.252609	0.540519	-1.85007	0.618595	2.59686	3.73155	1
cg16179521	6;PCSK6;PCSK6	0.755652	0.336781	0.480361	-2.08177	0.438824	0.557324	-1.79429	0.875983	0.890808	-1.12258	0.968522	0.971208	-1.02965	0.279087	0.434676	-2.30056	0.400836	0.529054	-1.89017	0.195295	0.362727	-2.75689	0.203738	0.370411	-2.6997	0.786579	0.817975	-1.22253	0.618593	5.37006	7.71652	1
cg07759052	HMBOX1;HMBOX1	0.755663	0.217391	0.609567	-1.64051	0.798793	1.10234	1.10234	0.86266	0.980673	-1.02038	0.552358	0.493937	-2.02455	0.57354	0.804986	-1.24226	0.900772	0.953533	-1.04873	0.891459	0.940254	-1.05346	0.943034	1.02763	1.02763	0.880262	1.04412	1.04412	0.618518	0.618578	1.4254	2.04829	1
cg13173194	TGFBRAP1;TGFBRAP1	0.755663	0.811716	1.03008	1.03008	0.915883	1.30341	1.30341	0.754204	1.10418	1.10418	0.762683	1.04857	1.04857	0.736128	1.0439	1.0439	0.644628	1.12916	1.12916	0.725602	0.946312	-1.05673	0.640906	0.7149	1.0749	0.733117	1.16095	1.16095	0.618577	0.624251	0.854238	1
cg13529086	SNORD36C;SNORD36A;RPL7A	0.755679	0.250306	0.670842	-1.49066	0.206489	0.642239	-1.55705	0.662076	0.864031	-1.15737	0.337256	1.38926	1.38926	0.678661	0.870709	-1.14849	0.971654	1.01188	1.01188	0.852122	0.939869	-1.06398	0.680771	1.14737	1.14737	0.559064	0.821735	-1.21694	0.618555	1.0819	1.55473	1
cg19585556	HDAC9;HDAC9;HDAC9;HDAC9;HDAC9	0.75684	0.62357	1.37935	1.37935	0.444004	1.66091	1.66091	0.106312	1.34762	1.34762	0.730733	0.788829	-1.25183	0.490058	0.639919	-1.57749	0.963865	0.970975	-1.02989	0.802637	0.847045	-1.17682	0.993224	1.00545	1.00545	0.689621	0.770281	-1.29823	0.618548	4.14094	5.95077	1
cg02919564	TNFRSF21	0.755686	0.163709	0.193199	-5.17601	0.544554	0.507436	-1.97069	0.798651	0.753705	-1.32678	0.403695	0.388604	-2.57332	0.316607	0.318154	-3.14314	0.28519	0.292908	-3.41404	0.270964	0.28146	-3.5529	0.520281	0.486325	-2.05624	0.342491	0.338976	-2.95006	0.618546	11.9865	17.2253	1
cg02002215	BRF1;BRF1;BTBD6	0.755692	0.892817	1.02717	1.02717	0.897	1.14904	1.14904	0.874251	1.0877	1.0877	0.732786	0.916981	1.09081	0.938341	1.07826	1.07826	0.964037	1.03682	1.03682	0.92026	1.02455	1.02455	0.888169	0.897169	-1.11462	0.980947	0.995262	-1.00476	0.618537	0.28741	0.55674	1
cg14258078	SCN4A	0.755694	0.549298	0.777751	-1.28576	0.214438	0.72616	1.37656	0.954078	0.976393	-1.02418	0.804002	1.10866	1.10866	0.686336	0.845982	-1.18206	0.956942	0.977851	-1.02265	0.221502	0.586793	1.70418	0.365756	0.680116	-1.47034	0.908897	1.04863	1.04863	0.618535	1.68582	2.42268	1
cg12421388	STX1A;STX1A	0.755714	0.640912	0.856535	-1.16756	0.64305	0.84122	1.18904	0.955167	1.06065	1.06065	0.560075	0.95138	1.05138	0.923207	1.08394	1.08394	0.754473	1.19377	1.19377	0.610249	1.03725	1.03725	0.847804	0.870814	-1.14829	0.888	0.945224	1.05824	1.05824	0.618488	0.618488	0.44994	0.650725	1
cg08228839	ZNF10	0.755734	0.758836	0.893177	-1.1196	0.739904	1.13001	1.13001	0.95819	0.980951	-1.01942	0.248763	1.55625	1.55625	0.637021	0.839985	1.1905	0.867566	0.940611	-1.06314	0.975486	0.988791	-1.01134	0.298957	0.48429	1.48429	0.169103	1.71165	1.71165	0.618478	3.3183	1.89469	1
cg14320591	LIPG	0.755736	0.54644	0.859139	-1.16396	0.68258	1.10769	1.10769	0.422492	1.22606	1.22606	0.517311	0.849336	-1.17739	0.812948	1.05395	1.05395	0.914669	1.02702	1.02702	0.229348	0.730488	-1.36857	0.255952	1.34311	1.34311	0.902739	1.03088	1.03088	0.618475	0.606114	0.871123	1
cg07831644	TMEM151B	0.755737	0.374925	0.716205	-1.39611	0.424337	0.599179	-1.66757	0.814114	0.91977	-1.08717	0.814114	0.91977	-1.08717	0.874821	0.9351	-1.06957	0.744877	1.34254	1.34254	0.241252	1.14183	1.14183	0.855556	0.89774	-1.11394	0.976807	0.964443	1.03653	0.618473	0.144223	0.207137	1
cg13130965	SDHAF2;CFSF7;CFSF7;CFSF7	0.75574	0.105058	1.64543	1.64543	0.545874	1.18751	1.18751	0.931846	0.976236	-1.02434	0.573572	0.852234	-1.17339	0.880156	1.04333	1.04333	0.750572	1.09382	1.09382	0.975499	0.991402	-1.00867	0.631137	0.872827	-1.1457	0.359276	1.30347	1.30347	0.618469	0.743388	1.11298	1
cg26331122	CTBP1;CTBP1	0.755772	0.689265	1.13531	1.13531	0.875477	1.08819	1.08819	0.832875	1.13725	1.13725	0.630473	1.39873	1.39873	0.856153	1.0881	1.0881	0.476534	1.268	1.268	0.14161	1.5744	1.5744	0.0911	0.0615	1.1466	0.253969	0.08628	1.4576	0.618424	0.9765	1.44957	1
cg00867475	CTCF59	0.755778	0.521053	1.2605	1.2605	0.257905	1.52224	1.52224	0.692851	1.15176	1.15176	0.603241	1.20517	1.20517	0.994302	0.999762	1.00254	0.31476	1.44771	1.44771	0.35555	0.713025	-1.40247	0.670237	0.16469	1.16469	0.437261	0.754246	-1.32583	0.618417	1.24066	1.78328	1
cg21640654	USP40	0.755778	0.281851	0.501956	-1.99221	0.872569	1.10165	1.10165	0.487093	1.54518	1.54518	0.981214	0.985594	-1.01462	0.113293	0.345747	-2.89229	0.738919	0.813724	-1.22892	0.787169	0.846389	-1.18149	0.544458	0.685197	-1.45943	0.930876	0.947937	-1.05492	0.618403	3.71983	5.34687	1
cg25332700	KCNMA1	0.755779	0.774368	0.89266	-1.12015	0.635134	1.13445	1.13445	0.892004	0.972262	-1.00275	0.904335	0.966309	-1.03509	0.702405	0.975595	-1.39277	0.782488	0.901693	-1.10924	0.570195	1.09227	1.09227	0.692174	0.691724	-1.44564	0.40191	0.753611	-1.32695	0.618384	0.93094	1.33814	1
cg24757755	MEG3;MEG3;MEG3	0.755791	0.896963	0.951895	-1.05054	0.753394	1.12388	1.12388	0.696771	1.16069	1.16069	0.946216	1.02777	1.02777	0.659401	1.18385	1.18385	0.834495	0.923473	-1.08287	0.979654	0.900343	-1.00975	0.466196	0.754145	-1.326	0.9866	1.00641	1.00641	0.618398	0.14814	0.20844	1
cg18613834	CCTEP1	0.755799	0.280409	0.511911	-1.95301	0.716016	0.915522	1.09255	0.842199	0.936855	1.06743	0.864283	0.822199	1.21605	0.148638	0.540702	1.84917	0.33665	0.648336	1.54232	0.891756	0.897487	1.11425	0.778554	0.883852	1.13131	0.883852	0.889852	1.12422	0.873156	0.885344	1.13181	0.618852	0.885344	0.64427	1
cg00496629	IQCE;IQCE	0.7558	0.989128	0.989036	-1.01109	0.140571	1.60587	1.60587	0.186948	3.10103	3.10103	0.695423	1.37483	1.37483	0.674934	0.710876	1.40671	0.767034	1.27171	1.27171	0.553612	1.62385	1.62385	0.992581	0.992506	-1.00755	0.723667	0.750352	-1.33271	0.618386	0.40191	0.21526	1
cg01423027	AP1S2	0.755801	0.457326	0.871534	-1.1474	0.585529	1.1043	1.1043	0.344603	1.1917	1.1917	0.439826	1.15251	1.15251	0.667286	1.14255	1.14255	0.693946	0.73785	1.07385	0.980426	1.00443	1.00443	0.33696	0.13699	1.33455	0.33455	0.596852	1.10095	1.10095	0.618384	0.317891	0.458949	1
cg24185649	ZNF354B	0.755803	0.507388	0.790536	-1.26538	0.71972	1.09127	1.09127	0.263836	0.846317	1.18161	0.846317	0.917665	1.08533	0.833179	1.20124	-2.24146	0.778886	0.618807	1.61575	0.940571	1.05095	1.05095	0.777277	0.837226	-1.19442	0.591145	0.696674	-1.43539	0.618382	4.7309	6.25417	1
cg21043481	C4orf44;C4orf44	0.755836	0.683849	0.822943	-1.21515	0.789704	0.880535	-1.13567	0.594763	0.774495	-1.29116	0.645831	0.78196	1.78196	0.441255	0.688137	-1.4532	0.517602	0.731807	-1.36648	0.196584	0.522116	-1.91528	0.687057	0.824682	-1.21259	0.497507	0.720487	-1.38795	0.618335	2.25815	3.18929	1
cg18670507	GFOD1	0.755842	0.208717	0.99414	1.00586	0.77224	1.29577	1.29577	0.719774	0.896232	-1.11596	0.693836	0.812779

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247T vs. N)	Fold-Change(247T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(5 37T vs. N)	p-value(563T vs. N)	Fold-Change(5 63T vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg52506617	RPTOR;RPTOR	0.756355	0.422693	0.72727	1.17785	0.273939	0.619171	-1.56453	0.596377	0.811378	-1.21247	0.497093	1.30975	1.30975	0.724849	0.870825	-1.14834	0.964422	1.01761	1.01761	0.968388	1.01563	1.01563	0.938909	1.27569	1.27569	0.19387	0.583908	0.7126	0.617609	1.49835	2.1565	1
cg00958273	TXN2;TXN2	0.756355	0.621158	1.1354	1.1354	0.747287	0.920895	-1.0859	0.740609	1.08837	1.08837	0.490127	0.814417	-1.22787	0.802239	0.962298	-1.03918	0.408224	0.806038	-1.24064	0.964262	0.627966	-1.59244	0.698592	0.905575	-1.10427	0.91725	1.02685	1.02685	0.617608	0.635553	0.914716	1
cg06263170	TYMS;C18orf56	0.756362	0.865835	1.03497	1.01497	0.915366	0.978625	-1.02184	0.468306	1.16182	1.16182	0.0963806	1.44927	1.44927	0.610151	1.11017	1.11017	0.44832	1.17007	1.17007	0.672704	0.917261	-1.0902	0.911617	0.976684	-1.02283	0.406829	1.18824	1.18824	0.617599	0.4040099	0.581606	1
cg23990273	GABIQ	0.756371	0.26251	2.220316	-4.48398	0.880505	0.824382	-1.21303	0.818045	0.743802	-1.34444	0.227851	0.582937	0.582937	0.517388	0.59498	1.67966	2.228006	0.196878	-5.07929	0.926358	0.88804	-1.12607	0.973435	1.0437	1.0437	0.998271	0.997722	-1.00279	0.617585	0.16356	0.23124	1
cg01960994	ODF2L;ODF2L	0.756374	0.274843	0.631749	-1.58291	0.804374	0.904548	-1.10552	0.110129	0.494656	-2.02161	0.848086	0.925406	-1.08061	0.6829	0.84702	-1.18061	0.271349	0.629459	-1.58866	0.378405	0.690357	0.948535	-1.05426	0.83207	0.917744	-1.08963	0.617581	1.59820	2.33043	1
cg06124066	PTPN2;PTPN2-PTPRN2	0.756381	0.904463	0.969198	-1.03178	0.524729	1.18288	1.18288	0.714928	0.908845	-1.1003	0.535854	0.849289	-1.17746	0.088498	0.612835	-1.63176	0.624599	1.13713	1.13713	0.954991	1.01482	1.01482	0.710423	1.01423	0.628525	0.880709	-1.13545	0.617572	0.6640456	0.955795	1
cg06155979	PTMA;PTMA	0.756399	0.985444	0.996754	-1.00326	0.404518	0.858969	-1.16419	0.333541	0.837127	-1.19456	0.437995	0.868484	-1.15143	0.453185	1.14591	1.14591	0.506918	1.12751	1.12751	0.641867	0.919907	-1.08707	0.983446	0.996309	-1.0037	0.307234	1.20731	1.20731	0.617546	0.31071	0.447233	1
cg18804615	DIO3;DIO3-AS1;MIR1247	0.756401	0.613102	1.62522	1.62522	0.592354	1.01856	1.01856	0.991607	1.353	1.353	0.603132	0.606792	-1.64901	0.554713	0.56904	-1.76566	0.816009	0.800921	-1.24896	0.561257	0.53778	-1.73076	0.696864	0.67324	0.67324	0.894225	0.880998	-1.13508	0.617543	0.87221	12.7706	1
cg04309751	DNM3;DNM3	0.756403	0.698169	0.876061	-1.14147	0.792346	0.914339	-1.09369	0.623161	0.845146	-1.18323	0.849208	0.831678	-1.20263	0.775973	0.72308	-1.38308	0.912325	0.963317	-1.03808	0.103028	0.538175	-1.85813	0.486497	1.27187	1.27187	0.81681	1.08218	1.08218	0.614957	1.09764	1.38827	1
cg14585694	OAF	0.756421	0.344774	0.724898	-1.3795	0.581884	1.20185	1.20185	0.717834	0.886944	-1.12747	0.907069	1.03936	1.03936	0.620979	0.848075	-1.17914	0.669549	0.867679	-1.1525	0.197413	0.637325	-1.56906	0.929812	0.971294	-1.02955	0.171004	0.617592	-1.61919	0.617516	1.069	1.53879	1
cg04837847	C1orf49;C1orf49;C1orf49;C1orf49	0.756437	0.667611	1.40941	1.40941	0.709577	0.845097	-1.18342	0.822102	1.12539	1.12539	0.888524	1.16068	1.16068	0.631677	0.861725	-1.16099	0.224269	1.27582	-1.27582	0.482275	1.76349	1.76349	0.872121	1.2019	1.2019	0.92111	1.08187	1.08187	0.614902	6.17095	8.88317	1
cg23070332	PTPN14	0.756442	0.192997	0.156567	-6.38705	0.941664	0.906188	-1.10352	0.3001	0.235668	-4.24326	0.132022	0.343368	0.343368	0.992511	1.11992	1.11992	0.545221	0.446972	-2.23727	0.805618	0.71759	-1.39355	0.952155	1.08411	1.08411	0.480757	0.623396	0.623396	0.617486	17.7172	25.5044	1
cg19948807	GRB10;GRB10;GRB10;GRB10	0.756444	0.547205	0.799341	-1.2548	0.482482	1.90401	1.90401	0.915528	0.960344	-1.04129	0.634432	1.59535	1.59535	0.686914	0.859904	-1.16292	0.615897	1.20734	1.20734	0.642311	1.13033	1.13033	0.090642	1.97119	1.97119	0.622335	1.20327	1.20327	0.617483	1.35706	1.95354	1
cg14408467	DAB2IP	0.756469	0.776895	1.06651	-1.06652	0.342608	1.24813	1.24813	0.548361	0.871378	-1.14761	0.320193	0.792276	-1.26219	0.575862	1.13669	1.13669	0.356456	0.806539	-1.23987	0.567473	1.1398	1.1398	0.471678	1.18053	1.18053	0.652927	1.10806	1.10806	0.617448	0.5025111	0.723423	1
cg23206032	PAK2;PAK2;PAK2;PAK2;PAK2	0.756476	0.117974	0.594258	-1.68277	0.976071	0.990847	-1.00924	0.447158	1.26812	1.26812	0.620554	0.858131	-1.16532	0.5617	1.19709	1.19709	0.480661	0.802693	-1.24581	0.536966	0.82558	-1.21127	0.81072	0.929082	-1.07633	0.974919	0.990408	-1.00969	0.617438	0.919139	1.32323	1
cg19358738	SORBS2;SORBS2;SORBS2	0.756477	0.764132	0.915422	-1.09249	0.340367	1.31561	1.31561	0.994788	0.998845	-1.00102	0.986376	1.05003	1.05003	0.46506	1.1005	1.1005	1.24	1.244	1.244	0.728885	1.24	1.24	0.902854	1.16056	1.16056	0.149308	1.49308	1.49308	0.617437	0.843281	1.21402	1
cg00682553	PLXNB2	0.756479	0.522278	0.806597	-1.23978	0.867416	0.94613	-1.05694	0.276739	1.45491	1.45491	0.950138	1.02094	1.02094	0.87415	0.948822	-1.05394	0.515318	1.24638	1.24438	0.141296	1.68926	1.68926	0.75713	0.902298	-1.10828	0.757987	0.902638	-1.10786	0.617434	1.07414	1.54639	1
cg05349958	CPT1A;CPT1A	0.756489	0.574357	0.81638	-1.22492	0.203115	0.617177	1.62028	0.254125	0.653296	-1.5307	0.601127	0.828342	-1.20753	0.628806	1.19019	1.19019	0.659653	0.853476	-1.17168	0.291244	0.765029	1.47923	0.968842	0.718949	-1.39092	0.423804	0.746736	-1.33916	0.617442	1.24977	1.79928	1
cg11313997	B4GALT7	0.756491	0.131271	1.44116	1.44116	0.693745	0.717048	1.09904	1.09904	0.757854	0.927425	-1.07825	0.542027	0.870734	0.932425	1.02155	1.02155	0.894617	0.970711	-1.03017	0.932203	1.01927	1.01927	0.733156	0.926114	-1.07978	0.279578	1.28607	1.28607	0.617417	0.4919553	0.70826	1
cg06920136	RAB28;TOX4;RAB28;RAB2B	0.756503	0.152476	1.27495	1.27495	0.875541	1.02515	1.02515	0.294209	1.18819	1.18819	0.535068	1.10468	1.10468	0.517886	1.10949	1.10949	0.45727	0.886939	-1.12747	0.657393	1.07331	1.07331	0.725269	0.945614	-1.05751	0.901754	0.980617	-1.01977	0.617401	0.2456623	0.353631	1
cg00069775	C1orf57	0.756522	0.757603	0.523392	-1.90954	0.642853	1.15599	1.15599	0.479229	0.631755	-1.62402	0.921785	0.827969	-1.20797	0.664695	0.949455	1.05238	0.902164	0.78947	-1.26667	0.709616	0.929986	-1.42354	0.715201	1.02365	1.02365	0.576663	1.29584	1.29584	0.617374	36.1283	52.0171	1
cg03732690	MCM3APAS;LSS;LSS;LSS;LSS	0.756522	0.521458	0.857263	-1.1665	0.464423	1.193	1.193	0.487925	1.18177	1.18177	0.474112	1.18832	1.18832	0.896554	1.03131	1.03131	0.64568	0.896082	-1.11597	0.695401	0.910957	-1.09775	0.208302	0.730225	-1.36944	0.465611	1.19242	1.19242	0.617374	0.549245	0.790798	1
cg20959523	FIGN;FIGN	0.756538	0.862345	1.05211	-1.05212	0.444156	1.09515	1.09515	0.29498	0.778529	-1.2532	0.502503	1.12062	1.12062	0.907879	1.02332	1.02332	0.711555	1.1264	1.1264	0.908941	1.02441	1.02441	0.806163	1.24044	1.24044	0.808505	1.04908	-1.05307	0.273865	0.817212	0.962754	0.625518	1
cg05124770	SUSD2	0.756564	0.456242	0.569496	-1.75594	0.709442	1.3201	1.3201	0.95599	0.95988	-1.0418	0.353411	0.492408	-2.03084	0.456527	0.569707	-1.75529	0.326728	0.471784	-2.11962	0.612435	0.684514	-1.46089	0.167067	0.335245	-2.98289	0.290496	0.443114	-2.25676	0.617315	5.38228	7.75009	1
cg04152341	LRRC37A3	0.756573	0.96659	0.990382	-1.00971	0.682613	1.09955	1.09955	0.845796	1.04595	1.04595	0.994788	0.994788	0.994788	0.940824	1.03118	1.03118	0.085664	0.645113	-1.55012	0.922273	1.02277	1.02277	0.697867	1.09419	1.09419	0.413137	1.21295	1.21295	0.96503	1.01017	1.01017	0.617403	0.520527	0.749536	1
cg05732651	ACTG1	0.756599	0.858548	1.03497	1.03497	0.915366	0.978625	-1.02184	0.468306	1.16182	1.16182	0.0963806	1.44927	1.44927	0.610151	1.11017	1.11017	0.44832	1.17007	1.17007	0.672704	0.917261	-1.0902	0.911617	0.976684	-1.02283	0.406829	1.18824	1.18824	0.617599	0.4040099	0.581606	1
cg10174867	DNAH14;DNAH14	0.756579	0.136171	0.264272	-3.78398	0.882313	1.13062	1.13062	0.91764	1.08951	1.08951	0.553476	0.607707	-1.64553	0.673899	0.704152	-1.42015	0.332791	0.43692	-2.28875	0.254967	0.373431	-2.67787	0.75331	1.29861	1.29861	0.941857	1.06232	1.06232	0.617294	6.71504	9.66951	1
cg06353330	LRRC8C	0.756581	0.541786	0.920881	-1.08592	0.363639	1.13331	1.13331	0.134192	0.924055	1.24055	0.570372	0.07955	1.07955	0.707385	1.05161	1.05161	0.485388	0.909777	-1.09923	0.934435	1.0011	1.0011	0.59362	1.01354	1.01354	0.912692	1.01427	1.01427	0.617429	0.174127	0.25074	1
cg07657743	WNT7A	0.756583	0.205138	0.737335	-1.35624	0.469786	0.845678	-1.18248	0.827767	1.05092	1.05092	0.301775	0.783603	-1.27616	0.891632	0.969407	-1.03156	0.571966	1.13903	1.13903	0.862932	1.04017	1.04017	0.355056	1.24216	1.24216	0.99478	1.00149	1.00149	0.617292	0.507932	0.731412	1
cg19104072	B3GNT1	0.756588	0.58122	1.1092	1.1092	0.771441	1.0207	1.0207	0.467613	1.14638	1.14638	0.912128	1.0202	1.0202	0.882	1.082	1.082	0.8751	0.975001	-1.02564	0.901291	0.978359	1.02	1.02	0.990782	-1.00727	0.118345	1.31376	1.31376	0.617287	0.253244	0.364674	1
cg25233554	C17orf63;C17orf63	0.75659	0.553688	1.17515	-1.48842	0.827159	0.864878	-1.15623	0.96683	0.972773	-1.02799	0.956099	0.964114	-1.03722	0.975365	0.546778	-1.8289	0.272433	0.468448	-2.13471	0.121416	0.327994	-3.04884	0.294375	0.450785	0.970483	0.975736	-1.02487	0.617278	4.30844	6.20421	1
cg13651137	DIRH	0.756598	0.690684	0.816722	-1.22441	0.124654	0.91515	1.09259	0.58039	0.921853	1.6651	0.520286	0.715651	-1.39776	0.910405	1.04883	1.04883	0.760204	0.878708	-1.13794	0.890887	1.07195	1.07195	0.640508	0.788153	-1.26879	0.962748	1.02472	1.02472	0.617288	0.3106455	0.441529	1
cg07182275	MGAT1;MGAT1;MGAT1;MGAT1;MGAT	0.756606	0.326524	0.504461	-1.98325	0.674575	0.923209	-1.26208	0.422679	0.575012	-1.73909	0.42423	0.576121	-1.73575	0.295861	0.687443	-1.45503	0.226057	0.424302	-2.35681	0.329467	0.650491	-1.5373	0.784934	0.831246	-1.20301	0.159105	0.642995	-1.55502	0.617257	4.46618	6.47277	1
cg24872179	HPS5;HPS5;HPS5	0.756616	0.424258	0.788156	-1.52426	0.768451	0.715359	-1.3979	0.376701	0.357267	-2.79503	0.587683	0.537326	-1.86107	0.278662	0.27857	-3.58705	0.979259	0.970934	-1.02994	0.422427	0.996545	-2.53392	0.689978	1.57607	1.57607	0.138413	0.163658	-6.11032	0.617262	2.14255	18.1243	1
cg03567117	NR4A1;NR4A1	0.756617	0.898851	0.945028	-1.05817	0.11188	2.15919	2.15919	0.429534	1.43123	1.43123	0.618163	1.25035	1.25035	0.857083	1.08345	1.08345	0.335766	1.55473	1.55473	0.312169	1.59176	1.59176	0.625077	1.24479	1.24479	0.825388	0.904433	-1.10323	0.617241	1.93238	2.78282	1
cg23800044	RABIOC	0.756618	0.900444	0.97555	-1.02528	0.553538	1.1399	1.1399	0.674295	1.14554	1.14554	0.260586	0.660343	1.51752	0.818744	1.08448	-1.08448	0.633273	0.703701	-1.4215	0.551752	0.918744	-1.08803	0.640937	1.04565	1.04565	0.832508	1.20873	1.20873	0.617226	0.340396	0.490217	1
cg21507526	IGSF22	0.756634	0.745108	1.13331	1.13331	0.401828	1.38982	1.38982	0.248204	1.5898	1.5898	0.266126	1.08671	1.08671	0.606678	1.06768	1.06768	0.496202	0.767163	1.3035	0.556032	1.25664	1.25664	0.176867	1.73446	1.73446	0.372111	1.42125	1.42125	0.796059	1.10446	1.10446	0.617217	1.43863	2.07186	1
cg20009461	FOXI2	0.756639	0.46979	2.00572	2.00572	0.126483	4.78083	4.78083	0.34885	2.49134	2.49134	0.953561	1.05667	1.05667	0.44419	2.09233	2.09233	0.484219	1.95979	1.95979	0.275898	2.92346	2.92346	0.352313	2.47417	2.47417	0.858448	1.18408	1.18408	0.617201	8.75681	12.6113	1
cg04125586	ELF1;ELF3	0.756642	0.539355	1.49703	-1.4447	0.723037	1.28313	1.28313	0.516863	0.845146	-1.18323	0.849208	0.819448	-1.22019	0.774582	0.719429	-1.38966	0.854516	1.06692	1.06692	0.777412	1.10489	1.10489	0.487139	1.26204	1.26204	0.717859	1.00818	-1.00818	0.617205	1.23081	1.74379	1
cg15039826	BCOR;BCOR;BCOR;BCOR	0.756659	0.212512	0.397764	-2.51406	0.348007	0.507437	-1.97069	0.385412	0.535391	-1.86779	0.766574	1.23246	1.23246	0.416976	0.558557	1.79033	0.58558	1.47191	1.47191	0.815341	1.71851	1.71851	0.830023	1.16292	1.16292	0.576871	1.48708	1.48708	0.617182	1.81831	6.9395	1
cg04520242	GPR116;GPR116	0.756675	0.84867	1.06851	-1.06852	0.847	0.841711	1.63548	0.342883	1.51348	1.51348	0.542987	0.828883	1.20751	0.546864	0.830175	-1.20457	0.297096	0.709435	-1.40944	0.362775	0.559853	-1.78613	0.560202	0.782944	-1.27727	0.652301	0.902755	1.10787	0.617253	0.4944336	0.625518	1
cg19416032	C14orf180	0.756716	0.379121	0.74436	-1.34344	0.678979	1.14588	1.14588	0.946531	1.02219	1.02219	0.582028	1.19949	1.19949	0.846307	0.938478	-1.06555	0.665063	1.15318	1.15318	0.133721	0.589068	-1.6976	0.542205	0.817203	-1.22369	0.46827	0.785478	-1.27311	0.617102	1.04634	1.50717	1
cg01183188	TMEM52	0.756747	?	?	?	?	?	?	?	?	?	0.620207	0.389397	-2.56807	0.458328	0.387429	-2.57871	0.666154	2.26698	2.26698	?	?	?	0.981251	1.26208	1.26208	0.347561	0.671058	0.637106	1.57082	0.617168	0.7982	28.4829	1
cg03118188	STAG2;STAG2;STAG2;STAG2;STAG2	0.756752	0.236942	0.179657	-5.56616	0.931883	1.12574	1.12574	0.587878	0.646759	-2.13411	0.242025	0.47695	0.47695	0.813264	1.38797	1.38797	0.780749	0.795094	-1.25738	0.744355	0.908201	1.17329	1.17329	0.911827	1.16587	1.16587	0.579582	0.74304	1.04181	1
cg13837895	SCAF1	0.756759	0.276401	0.758086	-1.31911	0.761128	0.928126	-1.07744	0.240702	1.3505	1.3505	0.532605	0.856761	-1.16719	0.682217	1.10595	1.10595	0.944791	1.01709	1.01709	0.741464	1.08436	1.08436	0.758073	1.07851	1.07851	0.303941	1.29753	1.29753	0.617042	0.584826	0.84248	1
cg00098502	KIAA0182;KIAA0182	0.756771	0.708741	1.17965	-1.17966	0.55415	1.14158	1.14158	0.772641	0.891945	-1.12114	0.354014	1.45703	1.45703	0.444204	1.06703	1.06703	0.501056	1.18383	1.18383	0.73357	1.08122	1.08122	0.78293	1.19293	1.19293	0.751626	1.13352	1.13352	0.629191	1.21174	1.21174	0.617025	1.5261	2.08267	1
cg05555928	MACROD1	0.756775	0.505114	0.592646	-1.68735	0.433277	0.8563	1.8563	0.142781	1.38226	1.38226	0.814181	0.834011	-1.19902	0.550847	0.626968	1.59498	0.507491	0.702546	1.42339	0.703922	0.672842	1.48703	0.824583	0.842202	-1.18736	0.701487	0.742341	-1.34709	0.617102	0.84818	8.24499	1
cg19995627	C1orf159	0.756776	0.664822	0.632197	-1.58239	0.437345	0.800186	1.9577	0.330017	0.750429	0.714851	-1.39889	0.435437	0.453016	-2.30938	0.134102	0.182758	-5.47303	0.303515	0.30952	-3.06194	0.447423	0.459407	-2.17672	0.645868	1.55409	1.55409	0.413674	-2.41756	0.617018	0.81414	15.5779	1
cg28380850	LOC100130987	0.756778	0.619284	1.10172	1.10172	0.599326	0.769308	-1.29987	0.744642	0.906402	-1.10354	0.611453	0.964042	-1.03707	0.814334	0.989483	-1.01064	0.222062	0.780212	-1.2817	0.751355	0.964401	1.06341	0.907269	1.02279	-1.02279	0.612865	0.90606	-1.10364	0.617015	0.365494	0.542541	1
cg15212833	TNXB	0.756782	0.432871	1.28477	1.28477	0.559828	0.821581	1.21683	0.702938	0.886955	-1.12745	0.26108	0.743734	1.44734	0.404477	0.765625	-1.30612	0.434749	1.28341	1.28341	0.545145	0.864866	-1.15625	0.690639	0.88228	-1.13343	0.505082	0.809171	-1.23583	0.6701	0.957875	1.37995	1
cg09360321	APLP2;APLP2;APLP2;APLP2;APLP2	0.756785	0.279875	2.37821	2.37821	0.475779	1.74603	1.74603	0.440123	1.83197	1.83197	0.236342	2.60679	2.60679	0.893618	0.902504	-1.10803	0.92466	1.07521	1.07521	0.520361	1.64964	1.64964	0.361766	0.485917	-2.05796	0.991278	1.00841	1.00841	0.61441	5.59875	7.08742	1
cg07000934	AFF1;AFF1	0.756802	0.843037	-1.18639	1.23754	1.14415	1.74415	0.794794	0.802133	-1.42155	0.696622	1.19027	1.99027	0.623983	0.802133	-1.24668	0.813612	1.11071	1.11071	0.154231	1.96697	1.96697	1.42151	1.42151	0.946652	0.97069	-1.0302	0.91982	1.93115	2.78222	1
cg25563616	CARHSP1;CARHSP1;CARHSP1	0.756815	0.989819	-0.96894	-1.00312	0.588547	1.14245	1.14245	0.51519	1.17458	1.17458	0.513415	0.850772	-1.1754	0.599557	1.1379	1.1379	0.974432	1.00785	1.00785	0.348642	0.790348	-1.26527	0.704984	1.09719	1.09719	0.148691	1.45892	1.45892	0.616967	0.581009	0.837082	1
cg26715540	GTF2E1;RABL3	0.756819	0.917409	1.01614	1.01614	0.456875	1.12411	1.12411	0.328301	0.855736	-1.16858	0.515375	1.10721	1.10721	0.765624	1.04724	1.04724	0.360105	1.15636	1.15636	0.324052	0.854484	-1.1703	0.739971	0.949872	-1.05277	0.443143	1.12832	1.12832	0.616957	0.232952	0.335629	1
cg23704904	STK33	0.756826	0.945329	1.03497	1.03497	0.915366	0.978625	-1.02184	0.468306	1.16182	1.16182	0.0963806	1.44927	1.44927	0.610151	1.11017	1.11017	0.44832	1.17007	1.17007	0.672704	0.917261	-1.0902	0.911617	0.976684	-1.02283	0.406829	1.18824	1.18824	0.617599	0.4040099	0.581606	1
cg14005657	TSPYL;TSPY4	0.756833	0.220851	9.77114	9.77114	?	?	?	?	?	?	?	?	?	?	0.533068	0.326889	-3.05914	0.469235	3.68425	1.68425	0.533646	3.03716	3.03716	0.354021	1.38569	0.831835	0.686181	-1.45734	0.553056	18.3165	44.1584	1
cg20084921	C6orf195	0.756861	0.951006	0.983551	-1.01672	0.609465	0.87017	-1.1492	0.966524	0.955651	-1.04645	0.218752	1.41892	1.41892	0.999008	1.001	1.001	0.401553	0.791563	-1.26377	0.828356	0.999791	1.05667	0.999791	0.795005	-1.25768	0.912318	0.980903	1.02568	0.617069	0.2922568	0.4023	1
cg13781084	CTDP1;CTDP1	0.756847	?	?	?	0.423087	0.585541	-1.70782	0.905895	0.925558	-1.08043	0.379575	0.554533	-1.80332	0.509923	0.645817	-1.54843	0.468928	0.617554	-1.61929	0.951993	1.04017	1.04017	0.667621	0.753834	-1.32655	0.215684	0.34521	2.34521	0.600188	1.61537	6.02373	1
cg00066663	CHD3;CHD3;CHD3	0.756854	0.692768	1.13386	1.13386	0.641285	0.862055	-1.16002	0.634855	1.1634	1.1634	0.984235	1.06027	1.06027	0.594326	0.843621	-1.18537	0.310914	0.717726	-1.39329	0.142696	0.607485	-1.64613	0.331289	0.728254	-1.37315	0.975257	0.990237	-1.00986	0.617009	0.977804	1.40889	1
cg02386295	TACR1;TACR1	0.75868	0.767205	1.08644	1.08644	0.574407	1.28317	1.28317	0.824952	1.04254	1.04254	0.512538	0.672315	1.64037	0.459109	0.724025	1.3805	0.672035	1.04264	1.04264	0.621177	1.08408	1.08408	0.788843	1.4245	1.4245	0.48026	1.36774	1.36774	0.61429	1.80903	2.28542	1
cg11570585	RAB3GAP2	0.75687	0.392728	0.824382	-1.21303	0.590953	1.12713	1.12713	?	?	?	0.731813	1.07883	1.07883	0.962399	0.989656	-1.01045	0.557737	0.877425	-1.1397	0.12268	0.691477	1.44618	0.921181	1.02207	1.02207	0.771674	0.937837	-1.06628	0.600155	0.411049	0.684904	1
cg26328757	ELF1;ELF1;ELF3;ELF1	0.756892	0.521765	0.798486	-1.33265	0.273114	1.65603	1.65603	0.208394	1.77077	1.77077	0.831662	1.03883	1.03883	0.731127	1.11744	1.11744	0.518708	1.18354	1.18354	0.242896	1.78777	1.78777	0.821623	1.03883	1.03883	0.731127	1.11744	1.11744	0.518708	1.18354	1.18354	0.242896	1.78777	1.78777	0.821623	1.03997	1.03997	0.688656	1.19086	1.19086	0.617554	1.21354	1.82107	1
cg19641582	PTPRB;PTPRB	0.756893	0.490086	-1.20545	1.20545	0.960749	1.98069	-1.0132	0.914462	0.971769	-1.02905	0.933338	1.02255	1.02255	0.526874	0.842917	-1.18636	0.27784	0.740243	-1.35091	0.156777	0.667872	-1.49729	0.986391	0.995

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. 477 vs. N)	Fold-Change(3477 vs. 477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19833935	MRC2		0.325153	0.495808	-2.02037	0.738428	0.794455	-1.25872	0.4480301	1.63658	1.63658	0.744394	0.788022	-1.2531	0.305585	0.482704	-2.07166		0.2013	0.395936	-2.52566	0.621024	1.40673	1.40673	0.760453	1.23362	1.23362	0.929021	0.940664	-1.06308	0.635538	4.59545	6.63621	1
cg27078727	DYRK2;DYRK2		0.757865	0.940537	1.04709	0.565005	1.43157	1.43157	0.288563	1.97291	1.97291	0.387613	1.72662	1.72662	0.108213	0.294713	2.94713		0.697468	1.27244	1.27244	0.650617	1.32473	1.32473	0.300155	1.93907	1.93907	0.968365	1.02476	1.02476	0.756492	3.70811	5.33523	1
cg13863204	A2ML1;A2ML1		0.757891	0.758614	0.934402	-1.0702	0.418688	1.19949	1.19949	0.757208	1.07064	1.07064	0.300091	0.789486	-1.26665	0.995433	1.00126	1.00126		0.283408	0.461534	-2.16607	0.190679	0.380735	-2.6265	0.330551	0.490748	-2.01309	0.968005	1.02754	1.02754	0.61437	4.73154	6.83675	1
cg01532089	L226A1 CHRDL1;CHRDL1;CHRDL1;CHRDL1;CHR		0.757905	0.759437	1.08245	0.000256	0.691641	-1.44458	0.51738	1.57997	1.57997	0.951795	0.958745	-1.04303	0.451584	0.585974	-1.70656		0.285408	0.461534	-2.16607	0.190679	0.380735	-2.6265	0.330551	0.490748	-2.01309	0.968005	1.02754	1.02754	0.61437	4.73154	6.83675	1
cg07633640	DL1		0.75791	0.121049	0.179379	-5.57478	0.983157	0.978656	-1.02181	0.565122	0.551918	-1.81186	0.30074	0.29204	2.99204	0.738994	0.710519	-1.40742		0.738175	0.709723	-1.409	0.566669	0.664408	-1.5051	0.839765	1.22988	1.22988	0.65429	0.951819	14.7062	1
cg00917893	PDHB		0.757924	0.681807	1.09989	1.09989	0.327657	1.26283	1.26283	0.849096	0.956961	-1.04497	0.394131	1.22334	1.22334	0.803372	1.05931	1.05931		0.407847	0.822401	-1.21595	0.311619	0.78525	-1.27348	0.663823	1.10628	1.10628	0.437112	0.832706	-1.2009	0.615409	0.519864	0.750884	1
cg15641450	RPS20;SNORD54;RPS20		0.757926	0.589336	1.56043	1.56043	0.573271	0.628332	-1.59152	0.712057	1.3535	1.3535	0.193283	1.07733	1.07733	0.53196	1.67683	1.67683		0.469938	1.8225	1.8225	?	?	?	0.766152	1.27574	1.27574	0.231554	2.85507	2.85507	0.598656	5.61852	9.58523	1
cg06891716	ASAH1;ASAH1;ASAH1		0.757948	0.893957	0.961524	-1.04001	0.562734	0.834213	-1.19873	0.770138	0.9574413	-1.09002	0.74279	0.907666	-1.10173	0.811932	0.932278	-1.07264		0.733318	0.904283	-1.10585	0.114105	0.60311	-1.65897	0.139342	0.62623	-1.59586	0.57747	0.847414	1.18006	0.615377	0.843541	1.21846	1
cg04782552	NOSTRIN		0.75952	0.683447	1.12514	1.12514	0.893431	1.0393	1.0393	0.81904	1.06813	1.06813	0.656109	0.879065	-1.13757	0.856278	0.949195	-1.05352		0.242449	1.42166	1.42166	0.103213	1.66965	1.66965	0.850771	0.947274	-1.05566	0.968711	1.01134	1.01134	0.615371	0.806151	1.16447	1
cg07795706	KCNQ3		0.759557	0.783152	1.11057	1.11057	0.277234	0.650788	-1.5366	0.975382	0.988338	-1.01118	0.18474	0.585821	-1.70701	0.988887	1.00531	1.00531		0.568869	0.803412	-1.24469	0.809241	1.0963	1.0963	0.34411	1.4484	1.4484	0.608083	0.8215	-1.21729	0.615364	1.40835	2.03435	1
cg17427418	CD3EAP;PPP1R13L;PPP1R13L		0.759565	0.522626	0.86758	-1.15263	0.543605	0.873334	-1.14506	0.462812	0.848873	-1.17803	0.332225	1.2446	1.2446	0.815952	0.956271	-1.05244		0.560449	0.878926	-1.13775	0.225823	0.756662	-1.32159	0.480198	1.17038	1.17038	0.613295	0.894294	-1.1182	0.615353	0.46839	0.676598	1
cg05979264	PLOD1		0.759567	0.576206	0.797121	-1.28416	0.444735	1.41203	1.41203	0.72618	0.855793	-1.16851	0.807718	1.11404	1.11404	0.882409	0.961232	-1.04006		0.553686	1.19153	1.19153	0.991544	0.677864	-1.47522	0.869977	0.910013	-1.07525	0.816123	0.65189	-1.53255	0.65535	1.91178	2.76162	1
cg10772322	FAM83E		0.413309	0.502078	-1.99172	0.653699	1.45066	-1.45066	0.615347	1.51794	1.51794	0.929913	0.930093	-1.07516	0.42374	0.585141	-1.96024		0.732777	0.75402	-1.32623	0.159438	0.289781	-3.45088	0.434542	0.503479	-1.92872	0.590528	1.56438	1.56438	0.61534	6.63197	9.55421	1
cg08478039	MYOCD;MYOCD		0.757989	0.617701	0.901951	-1.10871	0.764806	0.940323	-1.06346	0.760351	1.0647	1.0647	0.55476	0.884685	-1.13035	0.629001	1.10499	1.10499		0.319701	1.23477	1.23477	0.150507	0.72903	-1.37169	0.680595	0.918615	-1.0886	0.596217	0.896135	-1.11559	0.613519	0.40987	0.592099	1
cg19723402	TUBGCP6		0.758045	0.814306	1.13107	1.13107	0.175719	2.15404	2.15404	0.224842	1.97294	1.97294	0.210616	1.02002	1.02002	0.400413	1.58216	1.58216		0.610193	1.31528	1.31528	0.511825	1.42566	1.42566	0.399958	1.5829	1.5829	0.844304	1.11049	1.11049	0.615318	2.76865	3.9996	1
cg12772858	AGPAT9		0.757994	0.312344	0.870156	-1.14922	0.564344	0.925383	-1.08063	0.203267	1.19569	1.19569	0.834948	0.972616	-1.02816	0.989331	1.00178	1.00178		0.73507	0.955807	-1.04624	0.426073	0.897485	-1.11423	0.600846	0.93216	-1.07278	0.49976	1.09545	1.09545	0.615312	0.172588	0.249324	1
cg11009012	B3GAT1;B3GAT1		0.758062	0.527638	1.15261	1.15261	0.796689	1.05898	1.05898	0.126942	1.44249	1.44249	0.334576	1.24715	1.24715	0.771515	0.937969	-1.06615		0.352526	1.23655	1.23655	0.607026	1.12203	1.12203	0.662787	0.990804	-1.00928	0.646481	0.902584	-1.10793	0.615216	0.479932	0.693425	1
cg08757721	CDK2L		0.758064	0.814705	1.08357	1.08357	0.245089	1.61738	1.61738	0.109408	1.68236	1.68236	0.622209	0.659251	-1.59502	0.794289	0.782194	-1.27846		0.65935	0.656039	-1.5243	0.757255	0.747171	-1.33838	0.719127	1.40424	1.40424	0.65214	0.8611	-1.16161	0.615244	0.8611	12.4416	1
cg15171342	TMED3		0.758083	0.292256	0.396777	-2.52031	0.802708	0.809145	-1.23587	0.396085	2.07911	2.07911	0.911596	1.09851	1.09851	0.281855	0.38825	-2.57566		0.601125	0.64004	-1.5624	0.204637	0.32229	-3.10279	0.860576	0.861806	-1.16035	0.674204	0.699297	-1.43001	0.615186	6.97269	10.0749	1
cg19252617	CADM2;CADM2		0.758086	0.304153	1.96001	1.96001	0.194006	2.6088	2.6088	0.145586	2.40088	2.40088	0.155936	2.64497	2.64497	0.431187	1.65758	1.65758	0.978384	0.967988	-1.03318		0.663852	1.31533	1.31533	0.763861	1.20224	1.20224	0.473111	1.33309	1.33309	0.60486	1.58121	1.58121	0.665287	1.33109	0.649486	3.58425	9.20262	1
cg23422659	WNT9B		0.758096	0.700479	0.893577	-1.1191	0.84758	1.05762	1.05762	0.175817	1.52049	1.52049	0.30966	0.736346	-1.35806	0.816331	0.97008	-1.07008		0.885074	0.958771	-1.043	0.73809	0.30118	-3.31018	0.802776	0.929739	-1.07557	0.548893	0.838142	-1.19312	0.615169	0.825683	1.19307	1
cg10637425	BAIAP2;FLJ90757;BAIAP2;BAIAP2;BAIA P2		0.758097	0.622835	0.911213	-1.09744	0.703677	0.930834	-1.07431	0.859636	0.967347	-1.03376	0.892573	0.974976	-1.02567	0.700051	1.07531	1.07531		0.947901	0.987819	-1.01233	0.0568031	0.667417	-1.49831	0.812126	0.956324	-1.04567	0.916482	0.980518	-1.01987	0.615167	0.342727	0.495225	1
cg11344614	JAM2		0.758101	0.979605	1.00956	1.00956	0.54045	1.26355	1.26355	0.736174	1.13409	1.13409	0.752133	1.12513	1.12513	0.8568	1.06953	1.06953		0.383087	1.39491	1.39491	0.137206	1.81431	1.81431	0.195542	1.66428	1.66428	0.311568	1.47079	1.47079	0.615162	1.34908	1.94938	1
cg25082094	DBH		0.758111	0.485169	1.20667	1.20667	0.470984	1.21775	1.21775	0.752642	1.08163	1.08163	0.610858	1.10582	1.10582	0.882388	1.03958	-1.02482		0.174448	1.97472	1.97472	0.0794	2.49357	2.49357	0.140023	1.40023	1.40023	0.615482	0.489357	2.16348	3.12333	1
cg15629134	KLC4;KLC4;MRPL2;KLC4;KLC4;KLC4;KLC4		0.758114	0.423464	1.38656	1.38656	0.912021	1.04518	1.04518	0.674229	1.18414	1.18414	0.259846	1.59981	1.59981	0.215016	1.68501	1.68501		0.586139	1.2458	1.2458	0.340006	0.674944	-1.48161	0.51507	1.30198	1.30198	0.822905	1.09375	1.09375	0.615143	1.55706	2.24996	1
cg11762838	TBCD		0.758124	0.995933	1.00329	1.00329	0.192061	2.43506	2.43506	0.962151	1.03106	1.03106	0.640249	1.40472	1.40472	0.746784	0.750922	-1.3317		0.436535	1.6679	1.6679	0.140595	2.77765	2.77765	0.746793	1.23218	1.23218	0.944374	0.956024	-1.046	0.615129	4.04667	5.84761	1
cg04091063	AKR7A3		0.758128	0.319593	0.522538	-1.91374	0.284936	0.496134	-2.01558	0.368877	0.558556	-1.79033	0.732204	0.805122	-1.24205	0.896713	0.92131	-1.08541		0.213833	0.437806	-2.28412	0.172345	0.399861	-2.50087	0.654123	0.75232	-1.32922	0.52911	0.668872	-1.49505	0.615124	3.87663	5.60628	1
cg09201155	SH3GL1;SH3GL1;SH3GL3		0.758143	0.76446	1.0967	1.0967	0.37377	0.784102	1.05192	0.859902	1.08947	1.08947	0.680488	1.03456	1.03456	0.765963	1.0165	1.0165		0.776182	0.846762	-1.18123	0.183383	0.729023	-1.37147	0.661103	0.773	1.16484	0.601103	0.783644	1.27644	0.615145	0.46265	0.682255	1
cg23582644	SERPINB2;SERPINB2		0.758218	0.622193	1.5663	1.5663	0.383636	2.24141	2.24141	0.155556	2.253373	2.253373	0.902505	1.11708	1.11708	0.624864	1.56288	1.56288		0.472639	1.93473	1.93473	0.900196	1.12003	1.12003	0.902037	0.894713	-1.11768	0.479836	0.522606	-1.91349	0.614998	7.95028	11.4909	1
cg06139644	STYK1			0.764204	0.964364	1.03654	0.934065	0.970598	-1.03071	0.156455	0.788998	-1.2675	0.554457	1.00066	1.00066	0.851275	1.02817	1.02817		0.354013	1.40989	1.40989	0.240238	2.12917	2.12917	0.883353	1.0031	1.0031	0.615415	0.907203	1.10222	0.615342	0.330471	0.481242	1
cg03295933	C19orf25		0.758244	0.428131	0.874994	-1.14286	0.736463	1.05734	1.05734	0.774494	1.04856	1.04856	0.992333	0.998601	-1.0014	0.464691	0.884411	1.1307		0.510399	1.11651	1.11651	0.395121	0.866092	-1.15461	0.798143	0.958578	-1.04321	0.182205	1.26328	1.26328	0.614962	0.265385	0.383597	1
cg05461448	FEM1C		0.758244	0.323505	0.351197	-2.84741	?	?	?	0.94709	0.934739	-1.06982	0.598151	1.72143	1.72143	0.368529	0.387909	-2.57792		0.307416	0.338037	-2.95826	0.856136	0.838021	-1.20363	0.252553	0.29271	-3.41635	0.497862	0.494436	-2.02251	0.595988	8.56437	12.5738	1
cg03000358	RAB38			0.872521	0.973541	1.02705	0.678931	1.08731	1.08731	0.450555	1.03458	1.03458	0.20605	1.16705	1.16705	0.728167	1.06524	1.06524	0.463182	1.15013	1.15013	0.664381	1.38007	1.38007	0.0614	1.35607	1.35607	0.002171	0.956353	1.10078	0.592127	0.906953	0.941951	0.319535	0.461876	1
cg02639435	BEND7;BEND7			0.583944	1.40266	1.40266	0.290013	1.95535	1.95535	0.240621	2.12052	2.12052	0.641348	1.33247	1.33247	0.543771	1.45642	1.45642		0.612043	1.36742	1.36742	0.788565	1.17875	1.17875	0.224797	2.18171	2.18171	0.438806	0.616835	-1.62118	0.614944	3.64597	5.27018	1
cg24803202	MIR194-2;MIR192			0.758258	0.886621	1.07712	0.773572	1.08661	1.08661	0.277212	1.11274	1.11274	0.883583	1.0088	1.0088	0.918016	1.01354	1.01354	0.277545	1.36948	1.36948	0.584325	1.11212	1.11212	0.688543	1.02683	1.02683	0.644941	1.2404	-1.65771	0.736789	0.838916	-1.19201	0.684941	2.6404	3.8545	1
cg00906130	HPGD;HPGD;HPGD			0.75826	0.417757	2.07504	2.07504	0.958703	0.955378	-1.04671	0.710616	0.710616	0.944621	-1.5513	0.961847	0.958707	-1.04307		0.185224	2.28808	2.28808	3.45056	0.946105	0.942145	-1.06141	0.216513	0.317771	-3.14692	0.555083	0.590828	1.69254	0.614939	0.56858	10.9403	1
cg07346836	CRTC2			0.758268	0.902523	0.969702	-1.03124	0.864555	0.957084	-1.04484	0.914813	1.02723	1.02723	0.677478	1.11074	1.11074	0.40304	1.23971	1.23971		0.299057	1.31031	1.31031	0.317352	0.7714	-1.29634	0.259031	0.744018	-1.34405	0.745933	1.08506	1.08506	0.614928	0.614087	0.887673	1
cg11897314	PIR16			0.758277	0.802381	1.08241	0.46138	1.24914	1.24914	0.751726	1.1303	1.1303	0.491394	1.03154	1.03154	0.277453	1.39048	1.39048	0.584305	1.17126	1.17126	0.754353	1.1112	1.1112	0.615183	1.16083	1.16083	0.724004	1.04944	-1.65771	0.736789	0.838916	-1.19201	0.684941	2.6404	3.8545	1
cg22817647	GPRASP2;GPRASP2			0.758293	0.343238	0.13523	-7.39481	0.847478	0.673969	-1.48375	0.834257	0.640852	-1.54309	0.702185	0.602131	0.644621	-1.5513	0.961847	0.958707	-1.04307		0.858909	0.694647	-1.43995	0.721615	0.337771	-2.96092	0.555083	0.590828	1.69254	0.614939	0.56858	10.9403	1
cg09101657	TMBIM4			0.758298	0.332333	0.384104	-2.60315	0.845165	0.671515	-1.48458	0.820069	0.624203	-1.60204	0.690224	0.589904	0.642806	-1.55631	0.961847	0.958707	-1.04307		0.223953	0.2673	-3.74125	0.840964	0.877969	-1.13899	0.924189	0.749451	1.33459	0.614939	0.56858	10.9403	1
cg06419771	EHD4			0.758298	0.790867	0.953188	-1.04911	0.479455	0.878373	-1.13847	0.56602	1.1032	1.1032	0.326852	0.83311	-1.20032	0.38505	0.851593	-1.17427		0.847036	0.965763	-1.03545	0.233788	0.79838	-1.25254	0.273757	0.814285	-1.22807	0.688798	1.07532	1.07532	0.614886	0.316883	0.458092	1
cg08454296	C5orf124			0.758309	0.57986	0.79741	-1.25182	0.478781	0.649857	-1.53951	0.722515	1.21309	1.21309	0.414205	1.50838	1.50838	0.316326	0.610933	-1.63676		0.550205	0.721869	-1.38529	0.324353	0.6048	-1.65309	0.346734	0.596476	1.67653	0.614888	0.604776	1.65309	0.614939	0.56858	10.9403	1
cg04437325	CELSR1			0.758325	0.927009	0.929344	-1.07566	0.512823	1.70002	1.70002	0.676555	1.14445	1.14445	0.310914	1.10104	1.10104	0.237944	-1.42066		0.567606	1.65199	1.65199	0.328535	1.15445	1.15445	0.310914	1.10104	1.10104	0.237944	-1.42066

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)
cg00906147	PDS5A;PDS5A;PDS5A	0.759043	0.945224	1.01841	1.01841	0.452335	1.22543	1.22543
cg25636075	TMEM41A	0.759052	0.58656	0.901187	-1.10965	0.138456	1.35285	1.35285
cg18458689	HIVEP2	0.759079	0.507191	0.673087	-1.48569	0.978136	0.984006	-1.01625
cg22596049	GAS7;GAS7;GAS7	0.759099	0.652371	0.866771	-1.15371	0.242368	0.67991	-1.47078
cg13805297	DAPK1	0.759103	0.933393	1.03345	1.03345	0.147972	1.84219	1.84219
cg15744492	IL11	0.759107	0.614466	1.12032	1.12032	0.202871	0.740286	-1.35083
cg21398111	SEC24C;SEC24C	0.759107	0.81736	1.15661	1.15661	0.682047	0.771774	-1.29572
cg10035321	CLASP1;CLASP1;CLASP1	0.759112	0.201649	6.42027	6.42027	0.905547	1.17786	1.17786
cg22489498	PROX1	0.759115	0.182837	0.434891	-2.29942	0.772772	1.18595	1.18595
cg09474589	DNER	0.759115	0.646934	0.882008	-1.13378	0.164649	1.49724	1.49724
cg19915881	DLGAP2	0.759128	0.111776	3.00079	3.00079	0.654806	1.33047	1.33047
cg10496614	C4orf44	0.759129	0.873679	0.929672	-1.07565	0.717622	0.846663	-1.18111
cg01952088	PTGER4	0.759136	0.3415	1.28862	1.28862	0.461494	1.21403	1.21403
cg13530474	PTDSS1	0.75914	0.503321	0.68912	-1.45113	0.238495	0.508234	-1.9676
cg03365432	FGFR1OP;FGFR1OP	0.759202	0.46408	1.14664	1.14664	0.707465	1.07167	1.07167
cg08344351	CMIP	0.759203	0.729375	0.84739	-1.18009	0.930498	0.959259	-1.04247
cg24127593	FAM53A	0.759212	0.385408	0.45695	-2.18843	0.548452	1.70646	1.70646
cg03617867	RBM16	0.759222	0.470851	0.859193	-1.16388	0.892893	1.02826	1.02826
cg03393607	AFF3;AFF3	0.759234	0.91547	1.0598	1.0598	0.342208	1.70809	1.70809
cg26081162	C6orf141;C6orf141	0.759257	0.368058	0.300896	-3.3234	0.607165	0.509854	-1.96135
cg23614979	NAV2;NAV2;NAV2;LOC100126784;NAV2;NAV2	0.759271	0.779631	1.0561	1.0561	0.856149	1.03594	1.03594
cg27373657	AP1G1;AP1G1	0.759279	0.424276	0.555995	-1.79858	0.899251	1.09508	1.09508
cg13299728	VPS37B	0.759286	0.968857	0.986845	-1.01333	0.63398	0.849846	-1.17668
cg16383222	CYHR1	0.759292	0.237315	0.810976	-1.23308	0.391907	1.16003	1.16003
cg11708495	RERE;RERE;RERE	0.759324	0.290935	1.69736	1.69736	0.105607	2.34777	2.34777
cg26062037	PPP1R9A;PPP1R9A	0.759363	0.762983	1.18453	1.18453	0.722746	0.819171	-1.22075
cg26492833	TMEM116;ERP29;ERP29;ERP29;ERP29	0.759367	0.504661	1.60274	1.60274	0.808067	1.1848	1.1848
cg03939352	C1orf111;C1orf111	0.75938	0.651795	0.805052	-1.24216	0.595559	1.2914	1.2914
cg09881819	H1FX;C3orf47	0.75939	0.56001	1.10252	1.10252	0.373538	1.16331	1.16331
cg21409449	MAD1L1;MAD1L1;MAD1L1	0.759397	0.805211	0.8326	-1.20106	0.207686	2.67798	2.67798
cg21860360	NPR1	0.759411	0.722672	0.772147	-1.29509	0.897095	0.910378	-1.09844
cg16208507	RAB39	0.759419	0.702795	0.850219	-1.17617	0.726521	1.16024	1.16024
cg13784611	SEP15;HS2ST1;SEP15;HS2ST1	0.759424	0.469711	0.768405	-1.3014	0.43548	1.32974	1.32974
cg10891570	SPAG1;SPAG1	0.759428	0.815333	1.22657	1.22657	0.369223	0.447084	-2.23672
cg10919109	RASA3	0.759443	0.237981	0.218757	-4.57127	0.45836	0.39518	-2.53049
cg00121389	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1	0.75945	0.363639	0.576609	-1.73428	0.7272	0.813388	-1.22943
cg12747056	VAV2;VAV2	0.759455	0.674969	0.821063	-1.21793	0.948265	0.970121	-1.0308
cg24688939	COL6A2;COL6A2;COL6A2	0.759473	0.914691	0.963565	-1.03781	0.449671	1.30581	1.30581
cg07561469	CCNF;CCNF	0.759517	0.332037	1.44052	1.44052	0.839414	1.07681	1.07681
cg20328160	NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1I3;NR1	0.759517	0.459341	1.26179	1.26179	0.840588	0.939734	-1.06413
cg18729308	AADAT;AADAT	0.759521	0.5386	0.934324	-1.07029	0.938939	0.991676	-1.00839
cg13860281	VOPP1	0.759522	0.351213	0.439957	-2.27295	0.947026	1.05851	1.05851
cg09567473	ZNF790	0.759542	0.437006	1.60262	1.60262	0.253558	0.492005	-2.0325
cg20612002	MYEF2	0.759546	0.247354	0.825766	-1.211	0.386484	1.15087	1.15087
cg01415527	SBNO2;SBNO2	0.759557	0.850549	0.919993	-1.08697	0.379571	0.671321	-1.4896
cg24941681	PROCR;PROCR	0.759568	0.242628	0.382494	-2.61442	0.326167	0.450798	-2.21829
cg25125453	SPTLC3;SPTLC3	0.759583	0.62116	0.736995	-1.35686	0.8232	1.14693	1.14693
cg09785377	ANXA2;ANXA2;ANXA2;ANXA2	0.759586	0.844456	0.719823	-1.38923	0.579912	2.54902	2.54902
cg18479255	FAM124A	0.759598	0.221203	2.4311	2.4311	0.712965	0.774725	-1.29078
cg02573357	LAX1;LAX1	0.7596	0.498691	0.663623	-1.50688	0.39831	0.596727	-1.67581
cg06577045	POPDC3	0.759604	0.730463	1.48685	1.48685	?	?	?
cg13644626	PALM2;PALM2-AKAP2;PALM2;PALM2-AKAP2	0.759614	0.295506	2.24553	2.24553	0.930716	1.06699	1.06699
cg24394414	KIAA0415	0.759617	0.47617	1.34014	1.34014	0.38444	1.43387	1.43387
cg06998210	CA7;CA7	0.75962	0.227836	1.65142	1.65142	0.647428	0.833207	-1.20018
cg04848343	SEMA6B	0.759641	0.345788	1.83594	1.83594	0.147875	2.64177	2.64177
cg05926186	RBPMS2	0.759652	0.296774	0.644775	-1.55093	0.404281	0.707372	-1.41368
cg20237820	SLC18A1;SLC18A1;SLC18A1;SLC18A1	0.759658	0.715005	0.789747	-1.26623	0.883677	0.910071	-1.09882
cg03895435	CARD11	0.759681	0.778774	1.07577	1.07577	0.620788	0.878686	-1.13806
cg10679277	ETS1;ETS1;ETS1	0.759701	0.357382	0.65116	-1.53572	0.484204	0.724546	-1.38017
cg03573445	INF2;INF2;INF2	0.759704	0.301947	0.624002	-1.60256	0.507317	0.743313	-1.34533
cg02235880	FANCF	0.759705	0.232039	0.849704	-1.17688	0.973432	1.00434	1.00434
cg12152167	DIAPH2;DIAPH2;DIAPH2;DIAPH2	0.759716	0.220268	0.33717	-2.96586	0.562085	0.609905	-1.6396
cg04093079	AIFM3;AIFM3;AIFM3;AIFM3;AIFM3	0.759762	0.579621	1.27479	1.27479	0.797878	1.11779	1.11779
cg22001279	LOC100133161	0.759765	0.605797	0.802939	-1.24543	0.442368	1.39128	1.39128
cg05873158	NGDN;NGDN	0.759779	0.470771	0.888079	-1.12603	0.74591	0.94876	-1.05401
cg11710211	ZNF787	0.759783	0.650463	1.71461	1.71461	0.149311	6.21921	6.21921
cg03855710	N4BP2L1;N4BP2L1	0.759802	0.664729	1.16312	1.16312	0.870495	1.05817	1.05817
cg15493853	ZNF682;ZNF682;ZNF682	0.759809	0.293009	0.688562	-1.4523	0.561541	1.22237	1.22237
cg05044339	KLHL15	0.759812	0.951703	1.01619	1.01619	0.689311	1.11241	1.11241
cg22297177	ELL	0.759819	?	?	?	?	?	?
cg14915749	MUS81;CFL1	0.759821	0.693474	1.33702	1.33702	0.279557	2.28011	2.28011
cg19444690	BAT3;BAT3;BAT3;BAT3;BAT3;BAT3;BAT3	0.759879	0.943064	1.01618	1.01618	0.981487	0.994798	-1.00523
cg18861767	C10orf58;C10orf58	0.75988	0.274651	0.237056	-4.21841	0.569866	2.0695	2.0695
cg14151290	FAM111A;FAM111A;FAM111A	0.759901	0.677968	0.921073	-1.08569	0.112618	1.40502	1.40502
cg02691393	MGAT5	0.759914	0.825664	0.927232	-1.07848	0.332567	1.40823	1.40823
cg06024623	NCOR2;NCOR2	0.759931	0.249244	1.52312	1.52312	0.367047	1.38231	1.38231
cg08623051	LY6G5C	0.759937	0.545086	1.30798	1.30798	0.775497	1.13354	1.13354
cg06725829	ZNF844	0.759937	0.9098	0.968027	-1.03303	0.681138	0.888278	-1.12577
cg14066905	SLC37A2;SLC37A2	0.759942	0.976486	0.983258	-1.01703	0.652603	0.771379	-1.29638
cg21295467	VWA5A;VWA5A;VWA5A;VWA5A;VWA5A;VWA5A	0.759948	0.230356	0.34968	-2.85976	0.455522	0.530122	-1.88636
cg09428623	PPP3R1	0.759965	0.755	0.955672	-1.04638	0.988256	1.00213	1.00213
cg10396357	TFAP4	0.759975	0.649138	1.14907	1.14907	0.323984	0.734175	-1.36207
cg22599740	LMO7	0.75998	0.975762	1.01181	1.01181	0.707865	0.864655	-1.15653
cg09020330	CNIH4	0.759996	0.908397	0.97021	-1.0307	0.696203	1.1086	1.1086
cg26953462	FHOD3	0.760004	0.485115	0.812766	-1.23037	0.78954	1.08132	1.08132
cg14510374	TUSC2	0.76001	0.334416	0.828913	-1.2064	0.213022	1.28042	1.28042
cg05739286	USP12	0.760029	0.867775	0.943423	-1.05997	0.439123	0.758953	-1.3176
cg05369318	TBC1D2	0.760035	0.633273	1.12576	1.12576	0.667175	1.11251	1.11251
cg24072819	APBB1;APBB1;APBB1	0.760082	0.170029	1.54327	1.54327	0.425913	0.785536	-1.27302
cg11759917	HGS	0.760084	0.540214	0.788692	-1.26792	0.769693	1.11895	1.11895
cg00769090	PPM1H	0.760108	0.735862	0.876936	-1.14033	0.398521	1.3983	1.3983
cg26198463	TRPA1;TRPA1	0.760112	0.386343	1.91665	1.91665	0.703064	1.3239	1.3239
cg11027058	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DY	0.760114	0.269343	0.22144	-4.5159	0.668703	0.568816	-1.75804
cg02129737	PLCL2;PLCL2	0.760123	0.953442	1.0496	1.0496	0.442436	1.91432	1.91432
cg08358983	GUCY1B3	0.76014	0.697397	1.12464	1.12464	0.911056	0.966966	-1.03416
cg00062072	SDF4;SDF4	0.760148	0.993152	1.00284	1.00284	0.976247	0.990201	-1.0099
cg21872093	XCL1	0.760157	0.133831	2.03894	2.03894	0.544546	1.31027	1.31027
cg23426633	BAT2	0.760159	0.514686	0.775877	-1.28886	0.614119	0.822753	-1.21543
cg14686798	MRPL33;MRPL33	0.760164	0.818903	1.11728	1.11728	0.429268	0.676921	-1.47728
cg01832737	PDE10A;PDE10A	0.760183	0.217933	0.775193	-1.29	0.822529	1.04513	1.04513
cg06648629	DIRAS3	0.760193	0.629326	0.85367	-1.17141	0.331089	0.72165	-1.38571
cg07731455	LSM3;XPC;XPC;XPC;LSM3	0.760194	0.402869	1.5645	1.5645	0.44658	1.50021	1.50021
cg03247567	ZNF101	0.760201	0.726403	0.914867	-1.09305	0.824011	1.05803	1.05803
cg18679299	TM9SF1;TM9SF1;TM9SF1;TM9SF1	0.760204	0.584614	1.45753	1.45753	0.618676	0.710035	-1.40838
cg07998479	LOC729375	0.760216	0.488844	0.785811	-1.27257	0.639978	1.17526	1.17526
cg27182293	ZNF611;ZNF611;ZNF611	0.760226	0.19083	0.738911	-1.35334	0.400115	1.20701	1.20701
cg26584034	SYNPO;SYNPO	0.760238	0.905137	1.06952	1.06952	0.182572	2.21992	2.21992
cg24561348	SERINC3;SERINC3	0.760243	0.426982	1.68891	1.68891	0.14695	2.73405	2.73405
cg13634713	PRDM2	0.760251	0.434271	1.22513	1.22513	0.929065	1.02292	1.02292
cg14396758	RELL1;RELL1	0.760254	0.310896	0.468657	-2.13376	0.94339	0.949961	-1.05268
cg04558973	TRAK1;TRAK1	0.760267	0.358334	1.61972	1.61972	0.945066	1.03581	1.03581
cg18190187	DRD1	0.760268	0.228421	10.3178	10.3178	0.983901	0.963433	-1.03795
cg09622265	UFD1L;UFD1L;CDC45L	0.760284	0.216643	3.05014	3.05014	0.406781	2.06428	2.06428
cg21721489	HMGB1	0.760289	0.822376	1.13447	1.13447	0.961288	0.973132	-1.02761
cg06918925	MAD2L1	0.760293	0.868029	0.958005	-1.04384	0.43932	0.815885	-1.22566
cg03902718	PRR5L	0.760296	0.854065	1.11861	1.11861	0.359483	0.563509	-1.7746
cg03068659	TBL2	0.760297	0.524152	0.785504	-1.27307	0.89186	0.950397	-1.05219
cg07875993	FRAS1;FRAS1	0.760299	0.455534	0.570505	-1.75283	0.451773	0.567733	-1.76139
cg13447915	ZNF141	0.760322	0.328815	0.808247	-1.23725	0.642347	0.905932	-1.10384
cg23420005	KIAA1045	0.760361	0.576908	0.88808	-1.12603	0.933244	1.0178	1.0178
cg18890364	RELA;RELA	0.760367	0.776327	0.859049	-1.16408	0.762109	0.850496	-1.17579
cg09625276	UGDH	0.760378	0.614921	0.902641	-1.10786	0.312457	1.2349	1.2349
cg19758859	SASH1	0.760379	0.42331	0.393921	-2.53858	0.929054	1.10677	1.10677
cg18366108	SDHA	0.760381	0.475716	1.29591	1.29591	0.608497	1.20279	1.20279
cg02201836	UTP14A;UTP14A	0.760383	0.378506	0.361253	-2.76814	0.578026	0.530868	-1.88371
cg08422420	SDHAP3	0.760384	0.177537	15.3277	15.3277	0.455399	0.234989	-4.25551
cg20010714	SIRT4	0.760393	0.812559	0.957154	-1.04476	0.782469	1.05235	1.05235
cg27413396	CD3G	0.760408	0.820527	0.938665	-1.06534	0.987354	1.00442	1.00442
cg21741781	BUD13;BUD13	0.760423	0.937156	1.0224	1.0224	0.491798	1.21672	1.21672
cg16246698	PXMP2;POLE;POLE	0.760437	0.757831	0.942769	-1.06071	0.645896	1.09216	1.09216
cg01736389	SORCS2	0.760439	0.816061	0.912606	-1.09576	0.575267	1.2488	1.2488
cg26542130	PCBP1	0.760444	0.676235	1.09409	1.09409	0.996748	0.999128	-1.00087

Probeset ID	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg00906147	0.75029	0.918715	-1.08848	0.758906	0.921512	-1.08517	0.407565	1.25224	1.25224
cg25636075	0.873688	1.0306	1.0306	0.754969	0.942407	-1.06111	0.841264	0.962719	-1.03873
cg18458689	0.354076	1.75233	1.75233	0.153207	2.45928	2.45928	0.350325	1.76048	1.76048
cg22596049	0.810385	1.07874	1.07874	0.673767	1.14283	1.14283	0.452593	0.785627	-1.27287
cg13805297	0.910777	1.04511	1.04511	0.809199	1.0999	1.0999	0.694515	1.16809	1.16809
cg15744492	0.440298	0.838576	-1.1925	0.339498	1.24636	1.24636	0.821403	0.950679	-1.05188
cg21398111	0.684024	0.773104	-1.29349	0.973155	1.02139	1.02139	0.43649	0.606979	-1.6475
cg10035321	0.949944	0.917063	-1.09044	0.351194	3.75542	3.75542	0.36078	3.65325	3.65325
cg22489498	0.669342	1.28795	1.28795	0.332343	0.554831	-1.80235	0.274143	0.511558	-1.95481
cg09474589	0.477215	1.21745	1.21745	0.401131	0.791386	-1.26361	0.752755	0.917561	-1.08985
cg19915881	0.769816	1.20463	1.20463	0.349999	1.84116	1.84116	0.400382	1.72665	1.72665
cg10496614	0.506823	0.734421	-1.36162	0.814763	1.11356	1.11356	0.145658	0.488688	-2.0463
cg01952088	0.699967	1.10537	1.10537	0.733643	0.915428	-1.09238	0.856762	0.954333	-1.04785
cg13530474	0.863015	0.909673	-1.0993	0.284686	1.839	1.839	0.31087	0.562819	-1.77677
cg03365432	0.771646	1.05489	1.05489	0.475586	1.14249	1.14249	0.612062	1.09846	1.09846
cg08344351	0.291741	1.68473	1.68473	0.457048	0.696888	-1.43495	0.213893	0.535797	-1.86638
cg24127593	0.292367	2.61554	2.61554	0.78808	0.788892	-1.2676	0.353836	0.431892	-2.31539
cg03617867	0.363648	0.824362	-1.21306	0.608096	1.11294	1.11294	0.284471	0.794512	-1.25863
cg03393607	0.162254	0.442069	-2.26209	0.873167	1.09133	1.09133	0.327793	0.575445	-1.73779
cg26081162	0.903326	0.853988	-1.17098	0.466735	0.382116	-2.61701	0.506781	0.416896	-2.39868
cg23614979	0.694327	1.07989	1.07989	0.176321	1.32279	1.32279	0.370731	1.19586	1.19586
cg27373657	0.671888	0.736571	-1.35764	?	?	?	?	?	?
cg13299728	0.191833	0.625845	-1.59784	0.705312	0.879093	-1.13754	0.431378	0.761553	-1.31311
cg16383222	0.390103	0.861534	-1.16072	0.631939	0.921573	-1.0851	0.434901	1.14434	1.14434
cg11708495	0.883409	1.07341	1.07341	0.306566	1.66701	1.66701	0.581816	1.30804	1.30804
cg26062037	0.479942	0.668934	-1.49492	0.380565	1.65467	1.65467	0.655788	1.28556	1.28556
cg26492833	0.683902	1.33005	1.33005	0.446166	0.582129	-1.71783	0.977964	1.01943	1.01943
cg03939352	0.844487	1.09828	1.09828	0.740541	1.1719	1.1719	0.322223	0.613771	-1.62927
cg09881819	0.588721	0.913566	-1.09461	0.472341	0.885987	-1.12869	0.464569	1.13118	1.13118
cg21409449	0.128747	3.37797	3.37797	0.911914	0.921226	-1.08551	0.755206	0.793028	-1.26099
cg21860360	0.721251	0.771072	-1.2969	0.690348	0.747827	-1.33721	0.311754	0.467956	-2.13695
cg16208507	0.841422	0.918705	-1.08849	0.331688	1.52792	1.52792	0.371808	1.47421	1.47421
cg13784611	0.707704	1.14443	1.14443	0.416499	1.3464	1.3464	0.492482	1.28361	1.28361
cg10891570	0.20403	0.310326	-3.22242	0.985634	0.984406	-1.01584	0.261057	0.35945	-2.78203
cg10919109	0.632693	1.80766	1.80766	0.251616	0.229329	-4.36055	0.848933	0.790998	-1.26423
cg00121389	0.737191	0.819856	-1.21973	0.313686	0.540894	-1.84879	0.181567	0.433282	-2.30797
cg12747056	0.397283	1.49959	1.49959	0.539689	0.748071	-1.33677	0.920921	1.04751	1.04751
cg24688939	0.584526	0.825924	-1.21077	0.668284	0.861301	-1.16103	0.518165	0.796994	-1.25471
cg07561469	0.668767	0.854721	-1.16997	0.713648	1.14388	1.14388	0.275727	0.661291	-1.51219
cg20328160	0.539453	0.825514	-1.21137	0.760392	1.09901	1.09901	0.685955	0.882088	-1.13367
cg18729308	0.360752	1.10795	1.10795	0.356564	1.109	1.109	0.267661	1.13427	1.13427
cg13860281	0.309045	0.406194	-2.46188	0.28684	0.388108	-2.5766	0.844394	0.845211	-1.18314
cg09567473	0.354532	1.7622	1.7622	0.226576	2.12809	2.12809	0.576679	1.39859	1.39859
cg20612002	0.564561	1.09656	1.09656	0.655817	1.07358	1.07358	0.726084	1.05725	1.05725
cg01415527	0.932928	0.963471	-1.03791	0.665252	0.824933	-1.21222	0.212354	0.559491	-1.78734
cg24941681	0.516218	0.59611	-1.67754	0.311585	0.439216	-2.27678	0.352074	0.471122	-2.12259
cg25125453	0.852124	0.891977	-1.12111	0.597581	1.38589	1.38589	0.304074	0.520979	-1.91946
cg09785377	0.624687	2.28231	2.28231	0.995222	0.990028	-1.01007	0.940978	1.13194	1.13194
cg18479255	0.881315	0.901941	-1.10872	0.454894	1.69183	1.69183	0.787002	1.20574	1.20574
cg02573357	0.921795	1.06038	1.06038	0.859402	0.899555	-1.11166	0.195835	0.4419	-2.26296
cg06577045	0.993888	0.991259	-1.00882	0.520118	2.11464	2.11464	0.321575	3.25346	3.25346
cg13644626	0.565784	0.648638	-1.54169	0.65256	1.40206	1.40206	0.622839	0.690969	-1.44724
cg24394414	0.926351	0.963326	-1.03807	0.350946	1.47397	1.47397	0.712067	0.86087	-1.16162
cg06998210	0.680407	0.84863	-1.17837	0.539959	1.27875	1.27875	0.256886	1.59828	1.59828
cg04848343	0.312159	1.92366	1.92366	0.602598	1.38916	1.38916	0.367908	1.78376	1.78376
cg05926186	0.59569	0.80473	-1.24265	0.305152	1.53845	1.53845	0.359847	0.682554	-1.46509
cg20237820	0.408422	1.72329	1.72329	0.9465	1.04414	1.04414	0.483451	0.632295	-1.58154
cg03895435	0.820803	1.0606	1.0606	0.86524	1.04503	1.04503	0.176937	0.68922	-1.45092
cg10679277	0.881723	0.934748	-1.06981	0.206094	0.546356	-1.83031	0.527139	0.747961	-1.33697
cg03573445	0.466081	0.721016	-1.38693	0.321091	1.57157	1.57157	0.799734	0.893952	-1.11863
cg02235880	0.449304	1.10537	1.10537	0.270746	0.86157	-1.16067	0.96542	0.994383	-1.00565
cg12152167	0.740008	0.755092	-1.32434	0.893079	0.89276	-1.12012	0.564527	0.611831	-1.63444
cg04093079	0.679093	1.19783	1.19783	0.947672	1.02889	1.02889	0.197447	0.553682	-1.80609
cg22001279	0.599024	0.799565	-1.25068	0.82177	1.09979	1.09979	0.317293	1.54623	1.54623
cg05873158	0.817313	1.03814	1.03814	0.675249	1.07054	1.07054	0.116147	1.31816	1.31816
cg11710211	0.241378	4.26122	4.26122	0.540029	2.08189	2.08189	0.547167	0.486709	-2.05462
cg03855710	0.73381	0.888442	-1.12557	0.734585	1.12516	1.12516	0.86677	1.05991	1.05991
cg15493853	0.153997	1.68547	1.68547	0.809105	1.08631	1.08631	0.480967	1.27768	1.27768
cg05044339	0.575446	1.16183	1.16183	0.749491	1.08863	1.08863	0.158756	1.49079	1.49079
cg22297177	?	?	?	?	?	?	0.339294	0.488944	-2.04522
cg14915749	0.592913	1.48537	1.48537	0.728965	1.29051	1.29051	0.863921	0.881818	-1.13402
cg19444690	0.124967	1.45251	1.45251	0.834928	0.954181	-1.04802	0.872288	1.03682	1.03682
cg18861767	0.32373	0.275064	-3.63552	0.511204	2.3254	2.3254	0.394801	3.01548	3.01548
cg14151290	0.92043	0.980519	-1.01987	0.437342	1.16882	1.16882	0.753306	0.939811	-1.06404
cg02691393	0.186975	1.61452	1.61452	0.607105	0.837247	-1.19439	0.590744	0.830337	-1.20433
cg06024623	0.541124	1.24129	1.24129	0.318268	0.697389	-1.43392	0.66992	1.16162	1.16162
cg08623051	0.532581	1.3193	1.3193	0.263134	1.66765	1.66765	0.736418	0.862347	-1.15963
cg06725829	0.0757557	0.567367	-1.76253	0.832091	1.06277	1.06277	0.67921	1.12664	1.12664
cg14066905	0.296308	0.537765	-1.85955	0.626751	0.755226	-1.32411	0.237861	0.492486	-2.03051
cg21295467	0.738458	0.75593	-1.32287	0.296796	0.405256	-2.46758	0.225835	0.345759	-2.89219
cg09428623	0.195926	0.820297	-1.21907	0.628393	0.931796	-1.0732	0.793651	1.0387	1.0387
cg10396357	0.976484	1.00898	1.00898	0.434244	1.27385	1.27385	0.472607	1.24809	1.24809
cg22599740	0.68458	0.854041	-1.1709	0.153565	1.80452	1.80452	0.442408	1.35334	1.35334
cg09020330	0.955682	0.985504	-1.01471	0.72751	1.09627	1.09627	0.877285	0.960213	-1.04144
cg26953462	0.396921	1.28854	1.28854	0.821513	0.936098	-1.06826	0.541481	0.834742	-1.19797
cg14510374	0.983031	0.995999	-1.00402	0.711201	1.07261	1.07261	0.940659	0.986065	-1.01413
cg05739286	0.510248	1.26295	1.26295	0.168901	1.66921	1.66921	0.449288	1.3093	1.3093
cg05369318	0.312868	0.773167	-1.29338	0.748493	0.923784	-1.0825	0.191761	0.71137	-1.40574
cg24072819	0.873624	1.04839	1.04839	0.771738	1.0902	1.0902	0.242004	1.43846	1.43846
cg11759917	0.932789	1.03282	1.03282	0.713639	0.868403	-1.15154	0.158522	0.561564	-1.78074
cg00769090	0.672411	1.17935	1.17935	0.581172	0.805643	-1.24125	0.445242	1.35232	1.35232
cg26198463	0.414969	1.84128	1.84128	0.162509	0.335414	-2.98139	0.931167	0.938669	-1.06534
cg11027058	0.529611	0.434046	-2.30391	0.387256	0.313016	-3.19473	0.259858	0.214294	-4.66648
cg02129737	0.330226	2.30037	2.30037	0.758895	1.2908	1.2908	0.198834	0.3244	-3.08261
cg08358983	0.516137	0.820442	-1.21886	0.625125	1.15954	1.15954	0.903611	0.964236	-1.03709
cg00062072	0.73157	1.12063	1.12063	0.498953	0.796901	-1.25486	0.337337	0.720963	-1.38703
cg21872093	0.765338	0.876436	-1.14098	?	?	?	0.73539	0.86117	-1.16121
cg23426633	0.879612	0.943561	-1.05981	0.128713	1.8906	1.8906	?	?	?
cg14686798	0.46193	0.696176	-1.43642	0.460863	1.4377	1.4377	0.201525	0.520884	-1.91981
cg01832737	0.283736	1.2446	1.2446	0.766984	1.06012	1.06012	0.483822	1.15005	1.15005
cg06648629	0.523102	0.810159	-1.23433	0.295776	0.702804	-1.42287	0.856025	1.06086	1.06086
cg07731455	0.351525	0.605757	-1.65083	0.383557	1.59543	1.59543	0.255401	1.86037	1.86037
cg03247567	0.351829	1.27466	1.27466	0.40406	1.24141	1.24141	0.538463	0.854066	-1.17087
cg18679299	0.565076	0.672391	-1.48723	0.521905	1.55735	1.55735	0.229727	2.36331	2.36331
cg07998479	0.858277	0.940566	-1.06319	0.6567	0.857829	-1.16573	0.328323	0.707604	-1.41322
cg27182293	0.246833	1.30281	1.30281	0.62144	1.11486	1.11486	0.772397	0.938613	-1.0654
cg26584034	0.344164	0.577322	-1.73213	0.850037	0.898785	-1.11261	0.638847	1.30538	1.30538
cg24561348	0.532649	1.50436	1.50436	0.150013	2.71053	2.71053	0.550975	1.47672	1.47672
cg13634713	0.453927	1.21428	1.21428	0.299925	1.31442	1.31442	0.338362	1.28554	1.28554
cg14396758	0.914247	0.925091	-1.08097	0.90205	0.914845	-1.09308	0.300364	0.460354	-2.17224
cg04558973	0.403305	1.54751	1.54751	0.190933	2.02795	2.02795	0.741248	1.18433	1.18433
cg18190187	0.984929	0.965729	-1.03549	0.62693	2.47025	2.47025	0.321514	0.150937	-6.62527
cg09622265	0.717868	1.36208	1.36208	0.58001	1.61034	1.61034	0.262411	2.72079	2.72079
cg21721489	0.798585	0.866335	-1.15429	0.261212	1.92993	1.92993	0.93613	0.956024	-1.046
cg06918925	0.128458	0.654483	-1.52792	0.306731	1.31388	1.31388	0.652739	0.889718	-1.12395
cg03902718	0.317318	0.532968	-1.87629	0.447795	1.60157	1.60157	0.974644	1.01954	1.01954
cg03068659	0.897961	1.04916	1.04916	0.900323	0.954214	-1.04798	0.0702809	0.469176	-2.13139
cg07875993	0.556299	1.55179	1.55179	0.925147	0.932961	-1.07186	0.197342	0.365561	-2.73552
cg13447915	0.38739	0.829326	-1.2058	0.701848	0.921964	-1.08464	0.852053	0.961331	-1.04022
cg23420005	0.139086	1.39833	1.39833	0.550935	0.88068	-1.13549	0.583615	0.889969	-1.12363
cg18890364	0.616293	1.30929	1.30929	0.17673	2.151	2.151	0.845819	0.901369	-1.10942
cg09625276	0.904753	0.976117	-1.02447	0.860032	1.03628	1.03628	0.819861	1.04714	1.04714
cg19758859	0.946437	1.07954	1.07954	0.713768	0.657268	-1.52145	0.200617	0.214407	-4.66402
cg18366108	0.583412	0.820416	-1.21889	0.787359	0.907891	-1.10145	0.208043	0.622247	-1.60708
cg02201836	0.880829	0.844463	-1.18418	0.158445	5.46804	5.46804	0.888795	0.854139	-1.17077
cg08422420	0.524714	3.41399	3.41399	0.507199	0.277562	-3.6028	0.59942	0.364376	-2.74442
cg20010714	0.710937	0.933679	-1.07103	0.772355	0.947931	-1.05493	0.317482	0.826555	-1.20984
cg27413396	0.830821	0.942144	-1.06141	0.766596	0.920428	-1.08645	0.116648	0.621972	-1.60779
cg21741781	0.255529	1.39582	1.39582	0.674247	1.12611	1.12611	0.618304	1.15156	1.15156
cg16246698	0.792492	1.05152	1.05152	0.780368	0.948127	-1.05471	0.177008	1.31448	1.31448
cg01736389	0.0942472	0.485765	-2.05861	0.807722	0.908742	-1.10042	0.542929	0.785295	-1.27341
cg26542130	0.568993	0.884044	-1.13117	0.571096	1.13039	1.13039	0.103455	1.4642	1.4642

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00906147	0.550286	0.851744	-1.17406	0.247742	0.725524	-1.37831	0.537445	0.847218	-1.18033	0.341863	1.29698	1.29698	0.613842	0.685392	0.9925	1
cg25636075	0.698063	0.928799	-1.07666	0.793725	0.951562	-1.0509	0.75833	0.943204	-1.06022	0.246667	0.794906	-1.25801	0.613829	0.349003	0.505393	1
cg18458689	0.561395	1.41268	1.41268	0.476495	1.531	1.531	0.636676	1.32304	1.32304	0.888015	0.920447	-1.08643	0.613792	3.36491	4.87304	1
cg22596049	0.319235	0.722844	-1.38343	0.535626	0.820541	-1.21871	0.371889	0.748955	-1.33519	0.458361	1.26883	1.26883	0.613763	0.966432	1.39965	1
cg13805297	0.42619	1.37691	1.37691	0.594897	1.23524	1.23524	0.377478	1.42828	1.42828	0.333333	0.675157	-1.48114	0.613758	1.50622	2.18141	1
cg15744492	0.716444	0.921642	-1.08502	0.625864	0.895909	-1.11618	0.434109	1.19547	1.19547	0.904332	0.973461	-1.02726	0.613753	0.486425	0.704482	1
cg21398111	0.208815	0.434627	-2.30082	0.117161	0.342867	-2.91659	0.942055	1.04678	1.04678	0.96875	1.02494	1.02494	0.613753	3.84494	5.56857	1
cg10035321	0.375835	3.50217	3.50217	0.397205	0.302546	-3.30529	0.89303	0.830655	-1.20387	0.691681	1.73274	1.73274	0.613746	18.4864	26.7739	1
cg22489498	?	?	?	0.687155	0.787828	-1.26931	0.794515	0.857486	-1.1662	0.904308	0.931607	-1.07341	0.596967	2.91607	4.88482	1
cg09474589	0.750659	0.916864	-1.09067	0.955507	1.01531	1.01531	0.770496	0.923449	-1.0829	0.397187	1.26621	1.26621	0.613741	0.720483	1.04349	1
cg19915881	0.359304	1.81855	1.81855	0.882889	0.910714	-1.09804	0.336442	1.87545	1.87545	0.700745	1.27764	1.27764	0.613723	3.91316	5.66764	1
cg10496614	0.506241	0.734101	-1.36221	0.313191	1.61302	1.61302	0.885818	1.06807	1.06807	0.540324	0.752677	-1.32859	0.613722	2.04182	2.95728	1
cg01952088	0.424831	1.23473	1.23473	0.253886	0.734736	-1.36103	0.509484	0.841044	-1.189	0.535763	1.17613	1.17613	0.613712	0.650535	0.942223	1
cg13530474	0.788522	1.1588	1.1588	0.859494	0.907434	-1.10201	0.724081	0.82341	-1.21446	0.60968	1.32613	1.32613	0.613706	2.92101	4.23078	1
cg03365432	0.1599	0.759013	-1.3175	0.74546	1.06164	1.06164	0.430111	0.862531	-1.15938	0.69822	1.07416	1.07416	0.613619	0.327675	0.47467	1
cg08344351	0.631313	1.25928	1.25928	0.516739	1.36814	1.36814	0.535593	1.34867	1.34867	0.919256	1.04954	1.04954	0.613617	2.20941	3.20057	1
cg24127593	0.603358	0.630435	-1.58621	0.768779	1.29621	1.29621	0.884592	1.13636	1.13636	0.314664	0.400467	-2.49708	0.613605	7.52776	10.905	1
cg03617867	0.815423	0.952774	-1.04957	0.57801	0.890242	-1.12329	0.504949	0.869387	-1.15024	0.150282	0.726858	-1.37578	0.613592	0.415947	0.602568	1
cg03393607	0.974581	1.01758	1.01758	0.826371	1.12771	1.12771	0.652696	1.28123	1.28123	0.678123	1.25649	1.25649	0.613575	2.90838	4.21338	1
cg26081162	0.553302	0.458872	-2.17926	0.970078	1.04993	1.04993	0.148773	7.47487	7.47487	0.946445	0.916438	-1.09118	0.613542	16.396	23.7543	1
cg23614979	0.900677	1.0246	1.0246	0.453194	0.861825	-1.16033	0.655915	0.91643	-1.09119	0.277048	1.24608	1.24608	0.613522	0.367975	0.533134	1
cg27373657	?	?	?	0.342619	2.02235	2.02235	0.401754	1.85433	1.85433	0.694555	0.753378	-1.32736	0.548273	2.91352	6.19966	1
cg13299728	0.378619	0.736097	-1.35852	0.660555	0.8608	-1.16171	0.461877	0.77565	-1.28924	0.308521	1.42975	1.42975	0.613501	1.11789	1.61969	1
cg16383222	0.531746	0.898347	-1.11316	0.512058	0.893565	-1.11911	0.946024	1.01152	1.01152	0.603419	0.915123	-1.09275	0.613493	0.278287	0.403209	1
cg11708495	0.475572	1.41942	1.41942	0.697439	1.20757	1.20757	0.615077	1.27733	1.27733	0.882673	0.931189	-1.0739	0.613448	2.26436	3.28106	1
cg26062037	0.641809	1.29992	1.29992	0.205228	2.11351	2.11351	0.233682	2.01193	2.01193	0.871079	0.913073	-1.0952	0.613394	3.04563	4.41351	1
cg26492833	0.494856	1.62087	1.62087	?	?	?	0.45821	1.69268	1.69268	0.144538	2.98028	2.98028	0.596609	4.0776	6.83463	1
cg03939352	0.628021	0.792104	-1.26246	0.290913	0.592642	-1.68736	0.895129	0.938986	-1.06498	0.159946	0.488348	-2.04772	0.61337	2.21357	3.20788	1
cg09881819	0.357892	0.855072	-1.16949	0.664289	0.93024	-1.07499	0.485159	1.12464	1.12464	0.457265	1.13356	1.13356	0.613355	0.266394	0.386064	1
cg21409449	0.800675	1.20632	1.20632	0.526105	1.61011	1.61011	0.876813	0.891351	-1.12189	0.912701	0.921904	-1.08471	0.613345	5.34039	7.73954	1
cg21860360	0.463536	0.581914	-1.71847	0.459271	0.5788	-1.72771	0.334527	2.05902	2.05902	0.18163	0.357385	-2.7981	0.613327	5.11505	7.4132	1
cg16208507	0.21678	0.576895	-1.73342	0.501096	0.74899	-1.33513	0.82003	1.10126	1.10126	0.576095	1.27008	1.27008	0.613315	1.74023	2.52215	1
cg13784611	0.468099	1.30269	1.30269	0.791891	0.909631	-1.09935	0.243337	1.54846	1.54846	0.262543	1.51955	1.51955	0.613308	1.24614	1.80607	1
cg10891570	0.743863	0.75111	-1.33136	0.381581	0.456862	-2.18885	0.525816	1.7527	1.7527	0.900999	1.11476	1.11476	0.613303	7.40152	10.7274	1
cg10919109	0.526279	2.20226	2.20226	0.615876	1.86255	1.86255	0.602345	0.523966	-1.90852	0.538355	0.464876	-2.15111	0.613281	14.6832	21.2818	1
cg00121389	0.269443	0.507507	-1.97041	0.439481	0.62814	-1.592	0.765962	1.19249	1.19249	0.78353	1.17634	1.17634	0.613271	3.37819	4.89641	1
cg12747056	0.702125	1.19678	1.19678	0.134544	2.12603	2.12603	0.943382	1.03376	1.03376	0.31723	1.62146	1.62146	0.613265	2.12257	3.07654	1
cg24688939	0.649774	1.17156	1.17156	0.311876	1.43673	1.43673	0.194915	0.621952	-1.60784	0.967235	0.985874	-1.01433	0.613239	1.16521	1.68897	1
cg07561469	0.233222	1.57757	1.57757	0.551867	1.2455	1.2455	0.650749	0.846852	-1.18084	0.942112	1.02684	1.02684	0.613178	1.29191	1.8728	1
cg20328160	0.334129	1.35996	1.35996	0.193942	0.654298	-1.52836	0.547153	1.20687	1.20687	0.68423	0.881439	-1.13451	0.613178	0.925094	1.34106	1
cg18729308	0.75695	1.03445	1.03445	0.434186	0.916616	-1.09097	0.86526	0.981641	-1.0187	0.507473	0.92926	-1.07612	0.613172	0.115609	0.167593	1
cg13860281	0.938255	0.935851	-1.06855	0.399513	0.478026	-2.09194	0.940858	0.938476	-1.06556	0.140391	0.257349	-3.88578	0.613171	7.11209	10.3101	1
cg09567473	0.835522	1.13164	1.13164	0.5961	1.37463	1.37463	0.978413	0.984034	-1.01622	0.761917	1.19811	1.19811	0.613142	3.43592	4.98114	1
cg20612002	0.970182	1.00593	1.00593	0.703427	0.941255	-1.06241	0.332185	0.853553	-1.17157	0.44157	1.13225	1.13225	0.613137	0.243284	0.352698	1
cg01415527	0.432438	0.701746	-1.42502	0.905004	1.0542	1.0542	0.534788	1.32037	1.32037	0.193096	0.543948	-1.83841	0.613122	1.89791	2.75154	1
cg24941681	0.382139	0.494386	-2.02271	0.293268	0.424494	-2.35575	0.314205	0.441305	-2.26601	0.3122	0.439707	-2.27424	0.613107	5.99792	8.69585	1
cg25125453	0.163802	0.402422	-2.48495	0.345773	0.551661	-1.81271	0.650209	1.32268	1.32268	0.63874	0.748514	-1.33598	0.613085	3.64387	5.2831	1
cg09785377	0.822702	0.686878	-1.45586	0.282427	6.48401	6.48401	0.126847	0.0630667	-15.8562	0.825038	1.44853	1.44853	0.61308	27.197	39.4322	1
cg18479255	0.804494	1.18688	1.18688	0.726251	1.27484	1.27484	0.90181	0.91827	-1.089	0.118317	3.22651	3.22651	0.613064	4.63349	6.71814	1
cg02573357	0.208894	0.453463	-2.20525	0.21427	0.458125	-2.18281	0.616596	0.7398	-1.35172	0.596339	0.726772	-1.37595	0.613062	3.46081	5.01789	1
cg06577045	0.341452	3.09196	3.09196	0.905328	1.14613	1.14613	0.387566	2.77045	2.77045	0.144474	6.15258	6.15258	0.594013	10.7568	15.8451	1
cg13644626	0.83821	0.858598	-1.16469	0.448988	0.56252	-1.77772	0.172038	2.95654	2.95654	0.90101	1.09723	1.09723	0.613042	5.3988	7.82806	1
cg24394414	0.13283	1.92584	1.92584	0.671995	0.841887	-1.18781	0.908019	0.954366	-1.04782	0.674043	1.18644	1.18644	0.613038	1.58562	2.29911	1
cg06998210	0.80854	0.908282	-1.10098	0.419638	0.721254	-1.38647	0.585587	1.24381	1.24381	0.971259	0.985824	-1.01438	0.613033	1.52467	2.21075	1
cg04848343	0.486531	1.55644	1.55644	0.291296	1.98418	1.98418	0.512401	1.5155	1.5155	0.946826	0.959124	-1.04262	0.613003	3.80134	5.51216	1
cg05926186	0.695237	1.17318	1.17318	0.453635	0.733681	-1.36299	0.800602	1.10812	1.10812	0.995427	1.00233	1.00233	0.612989	1.59776	2.3169	1
cg20237820	0.485098	0.633422	-1.57873	0.159151	0.379644	-2.63404	0.294113	0.496375	-2.01461	0.91169	1.07402	1.07402	0.61298	4.02206	5.83243	1
cg03895435	0.730432	0.91421	-1.09384	0.251349	1.3645	1.3645	0.402902	0.800927	-1.24855	0.959136	0.9868	-1.01338	0.612949	0.652852	0.946756	1
cg10679277	0.302989	1.62187	1.62187	0.705272	0.841798	-1.18793	0.669614	0.823219	-1.21474	0.712967	1.1823	1.1823	0.61292	1.99407	2.8919	1
cg03573445	0.645152	1.22689	1.22689	0.855931	1.08344	1.08344	0.910367	0.951552	-1.05091	0.302289	1.60199	1.60199	0.612915	1.88774	2.73773	1
cg02235880	0.651895	0.942697	-1.06079	0.591958	0.932108	-1.07284	0.626441	0.93825	-1.06581	0.404451	1.11722	1.11722	0.612915	0.163902	0.237702	1
cg12152167	0.311444	0.413402	-2.41896	?	?	?	0.382686	2.12793	2.12793	0.745317	1.31644	1.31644	0.596113	5.97132	10.0171	1
cg04093079	0.495547	0.740624	-1.35021	0.609597	1.25041	1.25041	0.763546	1.13987	1.13987	0.240838	1.70368	1.70368	0.612834	1.82736	2.6505	1
cg22001279	0.248316	1.66327	1.66327	0.49142	0.744809	-1.34263	0.658396	0.828957	-1.20633	0.536588	1.30189	1.30189	0.61283	1.72509	2.50218	1
cg05873158	0.932687	1.01376	1.01376	0.77722	0.955146	-1.04696	0.533116	0.902918	-1.10752	0.538612	0.904185	-1.10597	0.61281	0.254015	0.368452	1
cg11710211	0.397628	2.78355	2.78355	0.894537	1.16973	1.16973	0.560105	2.00661	2.00661	0.594835	1.88605	1.88605	0.612805	13.5598	19.6688	1
cg03855710	0.784932	1.09943	1.09943	0.593511	0.829693	-1.20527	0.0843323	1.9381	1.9381	0.554755	0.812988	-1.23003	0.612778	1.16548	1.69062	1
cg15493853	0.917793	0.9653	-1.03595	0.888651	1.04909	1.04909	0.749544	0.896228	-1.11579	0.534938	1.2398	1.2398	0.612769	1.13556	1.64725	1
cg05044339	0.257893	0.731277	-1.36747	0.587478	1.15627	1.15627	0.784658	0.929965	-1.07531	0.683324	0.896979	-1.11485	0.612765	0.681956	0.98926	1
cg22297177	?	?	?	0.989057	1.0099	1.0099	0.496009	1.64781	1.64781	0.822024	0.850447	-1.17585	0.466232	1.61392	5.19242	1
cg14915749	0.550019	1.55803	1.55803	0.276092	0.435759	-2.29485	0.402135	1.87515	1.87515	0.300459	2.19611	2.19611	0.612752	5.21694	7.56795	1
cg19444690	0.849578	1.0436	1.0436	0.401878	0.824613	-1.21269	0.827654	1.05023	1.05023	0.270181	1.29442	1.29442	0.612671	0.490218	0.711229	1
cg18861767	0.480097	0.402891	-2.48206	0.829498	1.31405	1.31405	0.690912	0.602812	-1.65889	0.672553	0.583696	-1.71322	0.612669	15.5628	22.5792	1
cg14151290	0.761187	1.06186	1.06186	0.63692	1.09813	1.09813	0.390911	1.18897	1.18897	0.437706	1.16867	1.16867	0.612639	0.376143	0.545752	1
cg02691393	0.554236	1.22739	1.22739	0.398114	1.34488	1.34488	0.648197	0.854424	-1.17038	0.934104	0.972076	-1.02873	0.612621	1.13804	1.65126	1
cg06024623	0.713915	0.879284	-1.13729	0.495862	1.27328	1.27328	0.935812	1.02854	1.02854	0.397577	1.35343	1.35343	0.612597	1.1844	1.71858	1
cg08623051	0.316609	1.57438	1.57438	0.211764	1.78009	1.78009	0.383107	1.48006	1.48006	0.285172	1.62685	1.62685	0.612589	1.86448	2.70542	1
cg06725829	0.990488	0.996588	-1.00342	0.466971	0.80877	-1.23645	0.740169	1.10013	1.10013	0.943029	0.979716	-1.0207	0.612589	0.797667	1.15744	1
cg14066905	0.297478	0.538632	-1.85656	0.156588	0.419776	-2.38222	0.530454	0.694872	-1.43911	0.988393	1.00837	1.00837	0.612582	3.18372	4.61975	1
cg21295467	0.25878	0.37388	-2.67465	0.285076	0.395684	-2.52727	0.812655	0.820167	-1.21926	0.666731	0.69645	-1.43585	0.612573	6.76431	9.8155	1
cg09428623	0.21778	0.828785	-1.20659	0.973302	1.00486	1.00486	0.760959	1.04519	1.04519	0.377329	1.14021	1.14021	0.612549	0.203534	0.295354	1
cg10396357	0.25161	1.43812	1.43812	0.640855	0.867166	-1.15318	0.60481	1.1716	1.1716	0.507387	0.815443	-1.22633	0.612535	0.892749	1.29552	1
cg22599740	0.925176	0.964361	-1.03696	0.848596	1.07663	1.07663	0.484445	0.759963	-1.31585	0.368499	0.699888	-1.4288	0.612529	1.44784	2.10108	1
cg09020330	0.962491	1.01243	1.01243	0.106913	0.629736	-1.58797	0.252176	0.730309	-1.36928	0.565138	0.858313	-1.16508	0.612506	0.669693	0.97188	1
cg26953462	0.980269	0.992799	-1.00725	0.135288	0.624699	-1.60077	0.614045	1.16022	1.16022	0.722033	1.11003	1.11003	0.612495	0.82848	1.20234	1
cg14510374	0.30962	1.21918	1.21918	0.512541	0.882331	-1.13336	0.542141	1.12334	1.12334	0.937962	0.985435	-1.01478	0.612487	0.344623	0.500144	1
cg05739286	0.43197	0.75554	-1.32356	0.732073	0.886811	-1.12764	0.968852	1.01374	1.01374	0.783536	0.908234	-1.10104	0.61246	1.18508	1.71995	1
cg05369318	0.862143	1.04376	1.04376	0.274486	0.755622	-1.32341	0.49765	0.843934	-1.18493	0.967834	1.00999	1.00999	0.612452	0.589103	0.855001	1
cg24072819	0.933023	1.02527	1.02527	0.897342	1.03907	1.03907	0.630058	0.865812	-1.15498	0.536165	1.20441	1.20441	0.612386	0.854942	1.24096	1
cg11759917	0.615223	0.823646	-1.21411	0.697183	1.16149	1.16149	0.905732	0.95566	-1.0464	0.167708	0.56954	-1.7558	0.612384	1.42139	2.06318	1
cg00769090	0.186587	0.580978	-1.72124	0.464149	1.33507	1.33507	0.661343	1.18646	1.18646	0.871271	0.939038	-1.06492	0.61235	1.45895	2.11782	1
cg26198463	0.434718	0.557712	-1.79304	0.936475	1.06014	1.06014	0.885735	1.11109	1.11109	0.706628	1.31919	1.31919	0.612344	5.20527	7.55606	1
cg11027058	0.804502	1.38408	1.38408	0.14397	0.127785	-7.82564	0.663936	0.56386	-1.77349	0.785158	0.698987	-1.43064	0.612342	16.6584	24.1817	1
cg02129737	0.640891	1.47626	1.47626	0.930237	0.929972	-1.0753	0.852185	0.856706	-1.16726	0.374185	0.469388	-2.13043	0.612329	6.66714	9.67838	1
cg08358983	0.581602	1.18212	1.18212	0.231965	0.68602	-1.45768	0.617027	1.16365	1.16365	0.210949	1.48619	1.48619	0.612305	0.876329	1.27217	1
cg00062072	0.627408	0.850627	-1.1756	0.127096	1.7259	1.7259	0.719564	1.12665	1.12665	0.992119	1.00327	1.00327	0.612293	1.06089	1.54013	1
cg21872093	0.52379	1.32933	1.32933	0.953279	0.974514	-1.02615	0.991386	0.995255	-1.00477	0.472754	0.724856	-1.37959	0.595486	1.62757	2.73318	1
cg23426633	0.618694	0.824865	-1.21232	0.662206	0.844815	-1.18369	0.905569	1.04654	1.04654	0.943676	0.973283	-1.02745	0.593207	1.20084	1.77128	1
cg14686798	0.749905	1.16725	1.16725	?	?	?	0.636131	1.25918	1.25918	0.763434	1.15716	1.15716	0.595476	1.96036	3.29209	1
cg01832737	0.842216	1.03994	1.03994	0.729243	0.934008	-1.07065	0.628839	0.90874	-1.10042	0.385783	1.19088	1.19088	0.612245	0.374315	0.54345	1
cg06648629	0.734829	0.895307	-1.11694	0.199036	1.55496	1.55496	0.959725	1.01656	1.01656	0.895209	1.0438	1.0438	0.61223	1.02604	1.48969	1
cg07731455	0.390604	1.58395	1.58395	0.949712	1.03353	1.03353	0.457929	1.48465	1.48465	0.704169	1.22072	1.22072	0.612229	2.65041	3.84811	1
cg03247567	0.665722	0.895755	-1.11638	0.642311	1.12577	1.12577	0.277161	1.33144	1.33144	0.255009	1.35121	1.35121	0.61222	0.621996	0.903083	1
cg18679299	0.843091	1.14482	1.14482	0.156652	2.81215	2.81215	0.87463	1.11378	1.11378	0.950409	1.04336	1.04336	0.612215	4.516	6.55688	1
cg07998479	0.342617	0.715215	-1.39818	0.970329	0.98733	-1.01283	0.41397	0.75105	-1.33147	0.257778	1.49904	1.49904	0.612198	1.13939	1.65436	1
cg27182293	0.835823	0.955682	-1.04637	0.848311	1.04272	1.04272	0.757994	1.06984	1.06984	0.685775	1.09292	1.09292	0.612184	0.462646	0.67176	1
cg26584034	0.473776	1.50793	1.50793	0.45838	1.53065	1.53065	0.414867	1.5998	1.5998	0.762275	0.842788	-1.18654	0.612167	3.08158	4.47457	1
cg24561348	0.548648	1.48017	1.48017	0.654682	1.33762	1.33762	0.853076	1.12726	1.12726	0.908011	0.928032	-1.07755	0.61216	4.04797	5.87787	1
cg13634713	0.373391	0.792504	-1.26182	0.810623	0.940734	-1.063	0.652835	1.12214	1.12214	0.305284	1.31018	1.31018	0.612149	0.627966	0.911857	1
cg14396758	0.402924	0.538625	-1.85658	0.186845	0.363706	-2.74947	0.348426	0.497677	-2.00934	0.631929	1.41745	1.41745	0.612146	5.06585	7.35606	1
cg04558973	0.626702	1.28435	1.28435	0.302857	1.72445	1.72445	0.163998	2.13452	2.13452	0.676903	1.23856	1.23856	0.612127	2.52715	3.66976	1
cg18190187	0.276346	0.123627	-8.08882	0.481462	0.266859	-3.7473	0.970566	1.0705	1.0705	0.770364	0.582522	-1.71667	0.612125	33.0453	47.9862	1
cg09622265	0.41568	2.03485	2.03485	0.716946	0.733391	-1.36353	0.504111	0.560875	-1.78293	0.751163	1.31114	1.31114	0.609389	6.84388	8.73501	1
cg21721489	0.354146	0.58572	-1.7073	0.448539	0.648316	-1.54246	0.231092	2.02361	2.02361	0.777283	0.852888	-1.17249	0.612095	3.05234	4.43263	1
cg06918925	0.766366	0.926008	-1.0799	0.927676	0.976851	-1.0237	0.825194	1.05873	1.05873	0.828762	1.05747	1.05747	0.61209	0.645194	0.936962	1
cg03902718	0.55723	0.696709	-1.43532	0.779896	1.18596	1.18596	0.736901	1.22786	1.22786	0.238046	2.12206	2.12206	0.612086	3.59272	5.21745	1
cg03068659	0.723781	0.875714	-1.14193	0.78358	1.10846	1.10846	0.912759	1.04184	1.04184	0.456653	0.753116	-1.32782	0.612085	1.35609	1.96936	1
cg07875993	0.41274	0.538818	-1.85591	0.319988	0.468212	-2.13578	0.38106	0.515077	-1.94146	0.818076	1.18547	1.18547	0.612082	5.2859	7.67638	1
cg13447915	0.520397	0.871431	-1.14754	0.312875	1.2467	1.2467	0.317565	1.24387	1.24387	0.998487	0.9996	-1.0004	0.612049	0.432498	0.628124	1
cg23420005	0.727564	0.928996	-1.07643	0.352811	0.817632	-1.22304	0.721452	1.0783	1.0783	0.929585	1.01879	1.01879	0.611995	0.429852	0.624337	1
cg18890364	0.505824	1.43346	1.43346	0.19295	2.08526	2.08526	0.933978	1.04518	1.04518	0.646746	0.781828	-1.27905	0.611986	2.75745	4.00511	1
cg09625276	0.950826	0.987623	-1.01253	0.103635	0.698092	-1.43248	0.762067	0.940522	-1.06324	0.759898	0.939977	-1.06386	0.611971	0.395237	0.574082	1
cg19758859	0.47601	0.437972	-2.28325	0.129436	0.154699	-6.46418	0.463324	0.427259	-2.3405	0.642841	0.587444	-1.70229	0.611969	12.5772	18.2684	1
cg18366108	0.413266	0.741598	-1.34844	0.717826	1.13849	1.13849	0.328927	0.697589	-1.43351	0.544119	0.802972	-1.24537	0.611968	1.23807	1.79831	1
cg02201836	0.287884	0.288397	-3.46745	0.707858	0.654286	-1.52838	0.769954	0.718602	-1.39159	0.850963	0.808996	-1.2361	0.611964	12.3079	17.8775	1
cg08422420	0.886435	0.761697	-1.31286	0.402653	0.195642	-5.11137	0.755448	1.8133	1.8133	0.804029	0.622764	-1.60574	0.611963	35.1678	51.0819	1
cg20010714	0.331796	0.831454	-1.20271	0.712968	0.934155	-1.07049	0.22897	0.792365	-1.26205	0.313648	1.2118	1.2118	0.61195	0.329362	0.478415	1
cg27413396	0.70855	0.900688	-1.11026	0.630574	1.14451	1.14451	0.613459	0.86772	-1.15245	0.191312	0.680199	-1.47016	0.611929	0.751973	1.09232	1
cg21741781	0.444711	0.803411	-1.24469	0.71189	0.90103	-1.10984	0.359259	0.767338	-1.30321	0.368368	1.29638	1.29638	0.611909	0.764924	1.11117	1
cg16246698	0.699709	1.07665	1.07665	0.213096	1.28385	1.28385	0.624334	0.910235	-1.09862	0.392232	1.18179	1.18179	0.611889	0.351894	0.511195	1
cg01736389	0.548594	0.788022	-1.269	0.535053	1.27961	1.27961	0.766325	0.889613	-1.12408	0.983552	0.991942	-1.00812	0.611886	1.49276	2.16854	1
cg26542130	0.821218	1.04966	1.04966	0.683013	1.09189	1.09189	0.603538	0.893885	-1.11871	0.574005	0.885485	-1.12932	0.611879	0.44427	0.6454	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07966717	CHAMP2	0.760445	0.910803	1.02312	0.12312	1.147814	1.37263	1.37263	0.282297	1.25596	1.25596	0.948765	0.986978	1.013159	0.937208	1.0162	1.0162	0.347734	0.82102	-1.218	0.64014	1.10081	1.10081	0.925099	0.983102	-1.01937	0.657137	1.0954	1.0954	0.611877	0.403204	0.585744	1
cg15476479	HERPUD2	0.760448	0.189262	1.43468	1.43468	0.717443	0.900987	-1.09892	0.997227	1.0009	0.0009	0.402748	0.24889	1.24889	0.273514	1.34416	1.34416	0.269594	1.34769	1.34769	0.953948	0.985122	-1.0151	0.87192	0.958987	-1.04277	0.552355	1.16886	1.16886	0.611872	0.652829	0.948388	1
cg03071143	ZNF491	0.760456	0.9428	0.988867	-1.01126	0.176835	0.799339	-1.25103	0.7801	1.04463	1.04463	0.304154	1.18061	1.18061	0.976317	0.99538	-1.00464	0.30879	0.848459	-1.17861	0.755333	1.04098	1.04098	0.804458	0.962039	-1.03946	0.704849	1.06117	1.06117	0.611862	0.235859	0.342647	1
cg19827780	RAPGEF1	0.760464	0.291035	-1.43601	0.781253	0.803926	-1.24139	0.68035	0.72268	-1.38374	0.242797	0.383557	-2.60731	0.428584	0.530677	-1.88409	0.962657	0.963958	-1.03729	0.227522	0.370393	-2.69985	0.48296	0.577177	-1.74893	0.815677	0.832707	-1.2009	0.611851	5.95644	8.65344	1
cg02772943	PHB;EMG1;PHB2	0.76047	0.609033	1.2084	1.2084	0.65632	1.17863	1.17863	0.712623	0.873055	-1.1454	0.53018	1.2778	1.2778	0.610658	0.576477	-1.73467	0.741002	1.12944	1.12944	0.93986	0.72836	-1.37295	0.958923	0.981277	-1.01908	0.432889	0.745505	-1.34137	0.611842	1.30492	1.8958	1
cg26666133	LOC338758	0.760482	0.82316	1.22874	1.22874	0.837348	0.827647	-1.20824	?	?	?	0.677852	1.46878	1.46878	0.251652	1.5321	1.5321	0.332163	-3.01057	0.402186	2.20123	2.20123	0.319869	0.388308	-2.57527	0.413771	0.463529	-2.15736	0.775231	0.768387	-1.30343	0.595025	7.09435	11.9228	1
cg07434780	SNHG8;SNORA24	0.760483	0.385364	0.48127	-2.07783	0.850811	0.856647	-1.16734	0.810201	0.820599	-1.21862	0.763204	1.28184	1.28184	0.313069	0.424239	-2.35716	0.228744	0.354155	-2.82362	0.31432	0.425243	-2.3516	0.839932	1.1808	1.1808	0.475414	1.81559	1.81559	0.611824	6.54356	9.50682	1
cg03229887	EIF2B3;EIF2B3;EIF2B3;EIF2B3	0.760494	0.596206	1.64734	1.64734	0.60737	0.842024	-1.18768	0.565351	1.72471	1.72471	0.277948	2.86551	2.86551	0.172162	0.716581	-1.39552	?	?	?	0.819641	0.827684	-1.20859	0.769665	0.760275	-1.31531	0.574187	6.16276	12.2663	1
cg12704394	GALNT6	0.760527	0.564361	0.453175	-2.20662	0.497551	0.254612	2.54612	0.399525	1.32552	1.32552	0.864284	0.792649	-1.26159	0.628662	1.60457	-1.42	0.958617	0.931943	-1.07303	0.916067	0.866586	-1.15395	0.499218	0.993871	-2.5389	0.940827	1.1061	1.1061	0.611762	1.87655	2.57945	1
cg17422019	LAMA2;LAMA2	0.760544	0.712536	1.23906	1.23906	0.277983	0.520251	-1.92215	0.539097	0.697551	-1.43359	0.953865	0.967044	-1.03408	0.947209	1.0391	1.0391	0.715621	1.23606	1.23606	0.350555	0.573189	-1.74663	0.358076	1.72878	1.72878	0.356133	1.73284	1.73284	0.611738	3.25052	4.72318	1
cg03736490	SFI1	0.760585	0.768006	1.05868	1.05868	-1.05962	0.628428	1.05656	0.613453	1.06181	1.06181	0.709648	0.592026	-1.68912	0.510192	1.96004	-1.96004	0.729576	1.37222	1.37222	0.144702	0.497545	2.01109	2.01109	0.841709	1.18357	0.964526	1.03705	1.03705	0.611681	0.606507	0.88317	1
cg13314453	C1orf173	0.760585	0.549834	-1.82706	-1.16618	0.527773	0.849384	-1.17649	0.933558	1.02141	1.02141	0.810214	0.940704	-1.06303	0.519094	0.846992	-1.18065	0.143248	1.49134	1.49134	0.463245	1.20888	1.20888	0.577273	1.1538	1.1538	0.737421	1.08925	1.08925	0.611676	0.625361	0.908776	1
cg20962783	PDE2A;PDE2A;PDE2A;PDE2A	0.760589	0.409673	1.33765	1.33765	0.498485	0.74657	-1.33978	0.823762	0.911384	-1.09729	0.541901	1.29973	1.29973	0.325851	0.650039	-1.53837	0.28294	0.622695	-1.60592	0.412255	1.42753	1.42753	0.701001	1.17799	1.17799	0.648789	0.823091	0.821469	0.616575	1.74642	2.5379	1
cg18894605	SCARA5	0.760594	1.307638	1.39418	1.39418	0.384324	0.455308	-2.19632	0.233911	2.96663	2.96663	0.490965	1.85352	1.85352	0.36551	2.27072	2.27072	0.429148	2.03791	2.03791	0.367792	2.26142	2.26142	0.415632	2.08316	2.08316	0.588901	1.61812	1.61812	0.611668	7.53692	10.9528	1
cg23120848	WDR46;WDR46;WDR46;PFDN6;WDR46	0.760599	0.673593	0.92001	-1.0866	0.279001	0.802128	-1.24668	0.447667	1.16369	1.16369	0.594234	0.900031	-1.11107	0.953641	1.01145	1.01145	0.977313	0.994445	-1.00559	0.833337	0.959563	-1.04214	0.47827	1.15168	1.15168	0.207277	1.29759	1.29759	0.611661	0.371734	0.540217	1
cg14508508	GABRA5;GABRA5	0.760612	0.79697	1.0746	1.0746	0.99413	1.00206	1.00206	0.232817	1.41786	1.41786	0.432789	0.799794	-1.25032	0.960678	1.01385	1.01385	0.983132	1.00592	1.00592	0.282598	0.732281	-1.3656	0.282381	0.73217	-1.3658	0.997031	1.00104	1.00104	0.611644	0.754447	1.09642	1
cg04130476	GMPPB;GMPPB;GMPPB;GMPPB	0.760616	0.365045	0.79363	-1.26806	0.902656	0.567269	-1.03384	0.946113	0.981784	-1.01855	0.255187	1.3814	1.3814	0.381689	1.27637	1.27637	0.226557	1.41246	1.41246	0.806143	0.935515	-1.06916	0.662341	1.12694	1.12694	0.964563	0.987932	-1.01223	0.611637	0.716568	1.04338	1
cg00496026	LZTS2	0.760628	0.262264	0.585077	1.3507	0.585402	0.727144	-1.37524	0.388689	1.66696	1.66696	0.815155	0.884064	-1.13114	0.365139	0.583771	-1.713	0.548931	0.704125	-1.4202	0.483155	0.6329	-1.58003	0.504063	0.81019	-1.40013	0.709568	1.24159	1.24159	0.611621	1.34101	1.67107	1
cg18434367	CLIC5;CLIC5	0.760637	0.325073	1.62754	1.62754	0.476179	1.41581	1.41581	0.918254	1.05051	1.05051	0.995558	0.997332	-1.00268	0.316771	0.608524	-1.64332	0.399914	1.51221	1.51221	0.295831	0.594353	-1.6825	0.994477	0.996684	-1.00333	0.748816	0.857112	-1.16671	0.611608	2.23125	3.24282	1
cg16922275	FAM63B;FAM63B	0.760639	0.614645	0.877276	-1.13983	0.442131	0.82648	-1.21045	0.724502	0.897768	0.986441	-1.01375	0.788203	1.07192	1.07192	0.155588	0.675765	0.748798	0.660705	0.802341	-1.12605	0.877683	0.9338	1.07043	1.07043	-1.42563	0.718081	1.09801	1.09801	0.611606	0.644399	0.93655	1
cg21524032	SETDB2;SETDB2	0.760643	0.756188	0.872894	-1.14561	0.310403	0.632471	-1.5811	0.396199	0.68439	-1.46116	0.592453	0.780893	-1.26599	0.931925	0.294523	0.849183	0.856406	1.08227	1.08227	0.83728	0.914153	-1.09391	0.403949	0.688836	-1.45172	0.822517	0.906595	-1.10303	0.611599	1.84533	2.68198	1
cg16398944	PRIM2	0.760654	0.902338	0.967358	-1.03374	0.514454	0.19057	-2.13578	0.823872	0.915374	-1.18787	0.704489	0.733205	-1.36377	0.748916	0.709069	-1.41007	0.432049	1.24377	1.24377	0.448716	0.332045	3.01052	3.01052	0.709183	1.09612	1.09612	0.327905	1.31391	1.31391	0.611584	0.70886	1.23854	1
cg13096436	C18orf8	0.760656	?	?	?	0.171763	0.335667	-2.97914	0.898556	1.10044	1.10044	0.891397	0.902569	-1.10795	0.517614	1.63598	1.63598	0.604101	0.675354	-1.4807	0.423848	1.84583	1.84583	0.595827	1.49435	1.49435	0.635033	1.43161	1.43161	0.594777	4.71477	7.92695	1
cg07834773	DGKK	0.76066	0.279397	0.348165	-2.87232	0.794648	0.78292	-1.27727	0.846169	0.833407	-1.19988	0.187953	3.70265	3.70265	0.92641	0.916977	-1.09054	0.270078	0.340464	-2.93717	0.712077	0.706244	-1.41594	0.967323	0.962295	-1.03918	0.871951	1.16339	1.16339	0.611576	8.52603	12.3921	1
cg10962805	CNTNAP5	0.760675	0.775385	1.22238	1.22238	0.698132	1.13463	1.13463	0.527246	0.637878	-1.5677	0.666284	1.35599	1.35599	0.0876423	0.266256	-3.75579	0.677026	1.34179	1.34179	0.886252	1.10568	1.10568	0.841578	1.15081	1.15081	0.778755	0.820626	-1.21858	0.611555	4.77161	6.93548	1
cg15414828	LRTOMT;LRTOMT;LRTOMT;LRTOMT;LRTOMT;LR TOMT;LRTOMT;LRTOMT;NUMA1;LRTO	0.760679	0.506646	0.870697	-1.1485	0.291218	0.798457	-1.25242	0.521968	1.14267	1.14267	0.578697	0.891124	-1.12218	0.927702	1.01883	1.01883	0.594457	0.895452	-1.11675	0.310131	0.805875	-1.24089	0.405306	1.2437	1.2437	0.931359	0.982452	-1.01786	0.611549	0.409037	0.594537	1
cg05716166	RALYL;RALYL;RALYL;RALYL;RALYL	0.760681	0.361226	1.44982	1.44982	0.721248	0.867811	-1.15233	0.770806	1.12255	1.12255	0.424519	0.724142	-1.38094	0.171575	0.562137	-1.77893	0.739225	0.876159	-1.14135	0.834178	0.920387	-1.0865	0.946985	1.02667	1.02667	0.420654	1.38484	1.38484	0.611546	1.51691	2.20485	1
cg05099185	ITGA11	0.760704	0.593946	1.68414	1.68414	0.593774	0.856671	-1.16784	0.51824	1.84232	1.84232	0.26475	0.750706	1.33243	0.0797	1.25403	-1.34337	0.453565	1.81508	1.81508	0.323893	0.550827	1.81508	1.81508	0.550827	1.49843	1.49843	0.260987	2.58264	2.58264	0.611514	6.43409	9.22169	1
cg01127198	PDGFA;PDGFA	0.760707	0.715436	1.22389	1.22389	0.158768	1.29596	1.29596	0.467967	1.50304	1.50304	0.781685	0.857881	-1.16566	0.387895	1.62958	1.62958	0.936366	1.04504	1.04504	0.23673	0.915914	-1.09181	0.36355	1.67406	1.67406	0.241988	1.96547	1.96547	0.61151	2.9488	4.28636	1
cg25116191	SCN5A;SCN5A;SCN5A;SCN5A;SCN5A;SC	0.760733	?	?	?	0.344195	2.35138	2.35138	0.708667	1.38833	1.38833	?	?	?	?	?	?	?	?	?	0.787806	0.788978	-1.26586	0.349475	0.420532	-2.32812	0.918397	0.914366	-1.09365	0.511859	3.3643	9.2018	1
cg25074809	MYCN	0.760742	0.180103	2.77552	2.77552	0.329018	2.05943	2.05943	0.186036	2.73313	2.73313	0.501023	1.63191	1.63191	0.990321	1.00874	1.00874	0.413983	1.82005	1.82005	0.615309	1.43813	1.43813	0.659225	1.37472	1.37472	0.797618	0.831706	-1.20235	0.611461	4.98019	7.23976	1
cg07428200	CCDC40	0.760764	0.645532	1.31193	1.31193	0.238014	0.879725	-1.14061	0.471759	1.31069	1.31069	0.755202	0.784755	-1.31587	0.247973	1.51264	1.51264	0.163251	1.96351	1.96351	0.090376	0.29355	2.93355	2.93355	0.29355	2.92079	2.92079	0.791471	0.841807	-1.18792	0.611443	4.0895	5.94526	1
cg15119076	ZNF253	0.760779	0.51845	1.20855	1.20855	0.70847	1.50055	1.50055	0.170484	4.84113	4.84113	0.881618	1.17469	1.17469	0.471288	2.2073	2.2073	?	?	?	0.407137	0.460036	-2.49078	0.800551	0.760699	-1.31458	0.673384	0.632506	-1.58301	0.594603	9.77223	16.4349	1
cg07363307	NGEF;NGEF	0.760783	0.873701	1.14557	1.14557	0.127995	1.1341	1.1341	0.822804	0.934848	-1.06969	0.291276	0.918615	1.38491	0.0966	1.16784	1.16784	0.297914	1.38484	1.38484	0.188064	0.61	1.63922	1.63922	0.648985	1.14829	1.14829	0.61643	0.888167	1.2874	1.94	1
cg11231631	MS4A10	0.760784	0.333858	0.179971	-1.38894	0.441553	1.29513	1.29513	0.317791	1.40547	1.40547	0.453735	0.777586	-1.28603	0.690902	0.876568	-1.14081	0.785347	0.913944	-1.09416	0.953493	0.980959	-1.01941	0.455644	0.778847	-1.28395	0.445217	1.29242	1.29242	0.611402	0.05207	1.52955	1
cg06520307	KRBA1	0.760784	0.377237	0.523312	-1.91091	0.608367	0.69116	-1.44684	0.749549	1.25723	1.25723	0.604898	0.688647	-1.45212	0.376678	0.522894	-1.91243	0.151557	0.333472	-2.99875	0.351366	0.503834	-1.98478	0.40432	0.543419	-1.8402	0.766353	1.23736	1.23736	0.611402	4.94644	7.1914	1
cg20907975	NEXN;NEXN	0.760794	0.362862	1.49102	1.49102	0.670707	0.852564	-1.17282	0.728594	0.945058	1.05356	0.650056	0.614107	-1.62757	0.577562	0.807892	-1.23798	0.180874	0.163366	-6.12121	0.207705	0.183753	-5.44208	0.479762	0.306665	-3.26059	0.459763	0.468817	0.390665	-2.55974	0.611388	15.7473	22.9948	2
cg06044751	PALLD;PALLD;PALLD;PALLD	0.760805	0.525767	0.684487	-1.46095	0.254128	0.495523	-2.01807	0.342321	0.56165	-1.78047	0.537915	1.39791	1.39791	0.304654	0.553337	1.55337	0.678542	1.27857	1.27857	0.824553	1.13987	1.13987	0.510121	1.4828	1.4828	0.57481	1.39682	1.39682	0.611373	3.36631	4.89435	1
cg02124475	HHIP	0.760841	0.902338	0.967358	-1.03374	0.514454	0.19057	-2.13578	0.823872	0.915374	-1.18787	0.704489	0.733205	-1.36377	0.748916	0.709069	-1.41007	0.632584	0.625266	-1.60002	0.412255	1.42753	1.42753	0.701001	1.17799	1.17799	0.648789	0.823091	0.821469	0.611355	1.74642	2.5379	1
cg17839758	C21orf29;KRTAP12-3	0.760827	0.249006	8.34008	8.34008	0.800328	0.640096	-1.56226	0.984565	1.03464	1.03464	0.20706	0.096108	-10.405	0.597242	2.55653	2.55653	0.900806	0.802911	-1.24547	0.653134	0.450972	-2.21743	0.45717	3.79204	3.79204	0.594253	3.388114	-2.57656	0.611342	30.0038	43.6255	1
cg12955872	KCNC3	0.760836	0.953786	1.05211	1.05211	0.53824	1.78946	1.78946	0.193078	2.32109	2.32109	0.802714	1.16537	1.16537	0.457694	1.5134	1.5134	0.921574	1.06074	1.06074	0.756455	0.837237	-1.19586	0.834998	0.881321	-1.13466	0.611339	3.6386	5.24346	1
cg12138414	CNNM4	0.760843	0.840104	0.884612	-1.13044	0.984928	0.811153	1.23153	0.263611	1.25108	1.25108	0.181361	0.546175	-1.83091	0.972502	1.03559	-1.03559	0.834812	0.880967	-1.13512	0.501295	0.51451	1.51451	0.633733	0.747066	-1.33857	0.48281	1.54322	1.54322	0.611588	0.76418	0.44402	1
cg12083990	SNX4	0.76086	0.541893	0.623355	-1.60422	0.820125	1.19013	1.19013	0.308187	2.24824	2.24824	0.663635	0.715587	-1.39745	0.493571	0.587148	-1.70315	?	?	?	0.288469	0.428785	-2.33217	0.782251	0.809152	-1.23586	0.571855	4.02568	7.03967	1
cg10547622	PARP8	0.760856	0.31876	1.62731	1.62731	0.614475	0.845972	-1.18246	0.411441	1.31167	1.31167	0.946661	1.03076	1.03076	0.964497	1.00354	-1.00354	0.70087	0.940119	-1.0637	0.222596	0.72757	-1.37457	0.361455	0.970524	-1.03057	0.611295	0.247772	0.970524	-1.03057	0.611295	0.247772	0.360288	1
cg12161182	NIN12	0.760861	0.704845	1.38466	1.38466	0.928388	0.926005	-1.07991	0.366661	0.454242	-2.21032	0.451797	1.92629	1.92629	0.713686	1.37047	1.37047	0.296984	0.396645	-2.52115	0.738549	0.750906	-1.33173	0.293432	0.53987	0.539815	-1.78631	0.611294	0.708094	10.2965	1
cg01274028	PCF;PC	0.760864	0.791141	0.86614	-1.15455	0.880754	1.08466	1.08466	0.786659	2.13385	2.13385	0.627747	1.30287	1.30287	0.976226	0.983995	-1.01627	0.157831	0.44648	-2.24017	0.959415	0.972824	-1.02794	0.784329	0.95249	1.1603	1.1603	0.923954	0.952149	-1.05026	0.611329	2.83816	4.12703	1
cg10948599	ME1;ME1	0.760865	0.685625	1.45584	2.19376	0.240514	0.569523	-11.2445	0.272962	1.05697	-9.46101	0.87239	0.730248	1.3694	0.881174	0.57149	1.83124	0.847128	1.4785	1.4785	0.315348	0.329956	-2.69489	0.278043	0.608721	-1.64321	0.197383	0.781878	1.72106	1.72106	0.608556	36.0778	1.7465	1
cg23133820	PSD	0.760868	0.590799	0.743178	-1.34521	0.41961	0.637286	-1.56915	0.728754	0.826793	-1.20949	0.960341	1.02754	1.02754	0.155922	0.434417	-2.30247	0.316822	0.568147	-1.76011	0.660726	1.27291	1.27291	0.869568	1.09394	1.09394	0.2997	0.555884	1.79984	0.811285	2.88983	4.20219	1
cg00508643	TFG;TFG;TFG	0.760885	0.702563	1.42429	1.42429	0.724554	0.84338	1.18568	?	?	?	0.740031	1.34001	1.34001	0.0916069	1.07484	1.07484	0.823183	1.21496	1.21496	0.751687	0.780514	1.28134	1.28134	0.725425	0.826347	1.21025	0.825641	1.17283	0.570864	1.70028	2.88686	1.84645	4.0435	6.4114	1
cg20595745	ATG4C;ATG4C	0.760896	0.237379	5.91549	5.91549	0.666693	0.541635	-1.84626	0.660941	1.86755	1.86755	0.277237	0.54519	0.54519	0.386688	3.54016	3.54016	0.293814	0.74954	-4.74954	0.887026	1.22234	1.22234	0.677021	0.552844	-1.80883	0.656682	1.88355	1.88355	0.605332	18.2042	20.0487	1
cg26742793	MYO15A	0.760903	0.292084	0.900804	-1.11012	0.378505	0.69533	-1.43817	0.293876	1.4385	1.5381	0.643309	0.831599	-1.2025	0.207859	0.653627	-1.53227	0.923174	0.870909	-1.14823	0.409405	0.73632	-1.35802	0.582852	0.805619	-1.24128	0.510579	1.302	1.302	0.611326	1.5338	2.22698	1
cg23791442	POLDIP3;POLDIP3;RNU12	0.760904	0.93161	1.06474	-1.03726	0.882977	0.990947	-1.00914	0.628391	1.23108	1.23108	0.181361	0.546175	-1.83091	0.972502	1.03559	-1.03559	0.731342	1.44916	1.44916	0.263196	0.65108	1.56108	1.56108	0.611315	1.24416	1.24416	0.690048	0.842934	-1.18633	0.611234	1.75891	2.5579	1
cg23723393	SP2	0.760908	0.332873	1.32026	1.32026	0.94893	1.01798	1.01798	0.351361	0.76585	-1.30574	0.484954	1.21821	1.21821	0.199651	1.45772	1.45772	0.517334	1.20031	1.20031	0.624488	0.817782	-1.14708	0.742643	1.09598	1.09598	0.999933	0.999977	-1.00002	0.611228	0.748868	1.08905	1
cg14880992	IDH3B;IDH3B;IDH3B	0.760924	0.201698	1.88793	1.88793	0.915214	?	?	?	?	?	?	1.087	1.087	0.510431	1.0924	1.0924	0.723431	1.20884	1.20884	0.424664	1.10924	1.10924	0.554475	1.04613	1.04613	0.936497	1.07196	1.07196	0.725105	1.04613	1.04613	0.936497	0.136532	0.229698	1
cg24364518	PSME3;PSME3	0.760929	?	?	?	?	?	?	?	?	?	?	0.760929	0.894518	-1.11792	?	?	?	?	?	?	?	?	?	?	?	?	0.106126	0.021552	0.081232	1
cg12537665	CDL1A1	0.760947	0.774447	1.08227	1.08227	0.881867	1.04176	1.04176	0.605916	1.15396	1.15396	0.536855	0.683161	1.46332	0.20657	0.728848	-1.37203	0.245201	0.717522	-1.39719	0.68161	1.12016	1.12016	0.535065	0.841464	-1.18841	0.263196	0.725456	-1.37844	0.95147	0.983393	-1.01689	0.611197	0.732879	1.06586	1
cg02630141	ILLRB1;ILLRB1;ILLRB1;ILLRB1	0.760934	0.873107	1.07938	1.07938	0.75466	1.16161	1.16161	0.260079	1.75311	1.75311	0.812306	1.12039	1.12039	0.924701	1.04621	1.04621	0.607471	0.780665	-1.28096	0.192446	0.517233	-1.93337	0.571346	0.760811	-1.31439	0.452127	1.44205	1.44205	0.611192	2.21062	3.21502	1
cg21768260	LOC255167	0.760945	0.25991	1.28312	1.28312	0.310011	1.24584	1.24584	0.745752	1.07045	1.07045	0.859852	0.963696	-1.03767	0.624941	0.902045	-1.10859	0.544936	1.13678	1.13678	0.776135	0.940291	-1.06147	0.897738	0.973454	-1.02727	0.187333	1.13965	1.13965	0.611177	0.423797	0.616366	1
cg01724336	WDR77;ATP5F1;ATP5F1	0.76098	0.367394	1.2607	1.2607	0.268201	1.36275	1.36275	0.153303	1.87928	1.87928	0.0730808	0.83004	-1.20479	0.0763165	1.22524	1.22524	0.667572	1.16264	1.16264	0.499534	0.776167	1.28904	1.28904	0.725268	1.25248	1.25248	0.552423	1.16587	1.16587	0.611128	0.670838	0.93779	1
cg17675150	ZNF532	0.760998	0.836554	0.874599	-1.14338	0.75143	0.813738	-1.2289	0.626139	0.772729	-1.37498	0.973989	1.02137	1.02137	0.139811	0.356834	-2.80242	0.470146	0.620906	-1.61055	0.949743	0.95994	-1.04173	0.75417	0.815663	-1.226	0.250741	1.27802	1.27802	0.611102	4.07179	5.92269	1
cg20765760	HOAC4	0.761014	0.209084	0.901004	-1.11012	0.378505	0.69533	-1.43817	0.293876	1.4385	1.5381	0.643309	0.831599	-1.2025	0.207859	0.653627	-1.53227	0.923174	0.870909	-1.14823	0.409405	0.73632	-1.35802	0.582852	0.805619	-1.24128	0.510579	1.302	1.302	0.611326	1.5338	2.22698	1
cg02076020	ELF3;ELF3;ELF3	0.761022	0.309094	0.733138	-1.36363	0.353021	0.754598	-1.32521	0.379794	0.766855	-1.30403	0.175638	0.654224	-1.52853	0.24536	0.609064	-1.43048	0.433594	0.711342	-1.40579	0.312453	0.564108	-1.77231	0.407423	0.745067	-1.34202	0.824164	-1.21741	0.611068	0.840156	-1.18963	0.611234	1.75891	2.5579	1
cg14275235	DBNL;DBNL;DBNL	0.761041	0.58048	0.611526	-1.63525	0.93362	1.07615	1.07615	0.327521	2.43619	2.43619	0.869428	1.15597	1.15597	0.13063	0.237371	-4.21282	0.529511	0.570549	-1.7527	0.700988	0.711837	-1.40482	0.985182	1.0165	1.0165	0.514203	0.558354	-1.79098	0.611042	7.51098	10.9263	1
cg25542007	NCH4	0.761045	0.364874	1.80793	1.80793	0.56671	0.520824	2.2834	0.427809	0.506246	2.2448	?	?	?	0.773709	0.99833	-1.00167	0.714291	1.40891	1.40891	0.708455

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13175016	PPIE;PPIE;PPIE		0.761802		0.684191	1.09777	1.09777	1.488624	0.857741	-1.17407	0.756798	1.07343	1.07343	0.541429	0.868484	-1.15143	0.330569	1.25359	1.25359		0.816293	1.948302	-1.05452	0.148134	1.42457	1.42457	0.692183	0.913232	-1.09501	0.918085	1.02374	1.02374	0.609976	0.50265	0.732488	1
cg19003708	UNK		0.761838		0.446368	1.24376	1.24376	0.446008	1.24176	1.24176	0.524888	1.19851	1.19851	0.912918	1.03122	1.03122	0.800644	0.932722	-1.07213		0.948664	1.01833	1.01833	0.145616	0.644607	-1.15533	0.913725	0.991656	-1.00841	0.445663	1.2442	1.2442	0.609925	0.762969	1.111193	1
cg03608828	SGEF		0.76184		0.79581	0.902533	-1.10799	0.89074	0.947099	-1.05586	0.457602	1.34868	1.34868	0.679259	0.848386	-1.17871	0.437503	1.36779	1.36779		0.808624	0.907664	-1.10173	0.30272	1.52528	1.52528	0.251202	0.622456	-1.60654	0.464654	0.745059	-1.34217	0.609923	1.5106	2.20152	1
cg10961252	PDE10;PDE10;PDE10		0.761843		0.892309	0.92453	-1.08164	1.08266	0.440589	-2.26761	0.251879	0.699817	-2.00073	0.44582	0.637469	-1.56874	0.808248	1.15128	1.15128		0.642469	0.76271	-1.31111	0.279569	0.521367	-1.91804	0.377402	0.591831	-1.68967	0.438825	0.63293	-1.57995	0.609919	3.24265	4.7258	1
cg10077706	KLHL29		0.761845		0.89864	1.07041	1.07041	0.190168	2.09765	2.09765	0.317376	1.73647	1.73647	0.812587	0.880897	-1.13521	0.838438	1.11517	1.11517		0.833409	1.11902	1.11902	0.837739	0.896296	-1.1157	0.602115	0.755135	-1.32427	0.205177	0.04156	2.04156	0.609915	2.75383	4.01342	1
cg06138958	CCDC154		0.761847		0.127982	1.701604	-1.42533	0.629906	0.899599	-1.11161	0.604995	0.893734	-1.11893	0.774504	0.940014	-1.06381	0.919979	0.978502	-1.02188		0.531448	1.14627	1.14627	0.298092	0.792715	-1.26149	0.47124	0.7328	0.928856	-1.07659	0.351178	0.813309	-1.22954	0.609912	0.448015	0.65294	1
cg13796804	EPHA5;EPHA5		0.761849		0.798084	0.865574	-1.1553	0.985684	0.989902	-1.0102	0.348098	1.72719	1.72719	0.466079	1.52137	1.52137	0.246154	1.98602	1.98602		0.692267	1.25237	1.25237	0.27859	0.528703	-1.89142	0.591246	0.735882	-1.35891	0.849579	1.11339	1.11339	0.60991	3.09135	4.50535	1
cg03175212	RFC1		0.761862		?	?	?	0.425645	0.394889	-2.53333	0.971361	1.04127	1.04127	?	?	?	?	?	?	?	?	?	?	?	0.742298	1.792134	1.452288	1.452288	0.609918	0.432762	-2.31074	0.438758	2.46288	2.46288	0.508913	5.21508	10.2475	1
cg23548855	STK32C		0.761863		0.411666	2.05488	2.05488	0.260928	2.73452	2.73452	0.277049	2.6378	2.6378	0.33506	2.3465	2.3465	0.864302	0.863502	-1.15807		0.452698	1.92776	1.92776	0.19784	1.39516	1.39516	0.151563	0.52423	-1.90911	0.25423	0.609889	7.11041	10.3631	1
cg12647251	TOR1AIP1		0.761864		0.162476	0.633967	-1.57737	0.329802	0.735384	-1.35983	0.534824	0.82522	-1.2118	0.826273	1.06949	1.06949	0.300309	0.720136	-1.38824		0.512697	1.22497	1.22497	0.915376	0.968036	-1.03302	0.853862	0.945205	-1.05797	0.924439	1.02942	1.02942	0.609889	0.902265	1.31502	1
cg02873242	LARP1;LARP1		0.761865		0.8167	0.956436	-1.04555	0.929623	0.983197	-1.01709	0.707122	1.19265	1.19265	0.919655	0.866415	-1.18117	0.825235	1.20942	1.20942		0.487672	1.07348	-1.14484	0.20246	0.772482	-1.29453	0.318752	0.648626	-1.21858	0.714971	1.07289	1.07289	0.609888	0.355475	0.516892	1
cg17504999	PCDH10;PCDH10		0.761874		0.764914	0.682581	-1.45926	0.233469	0.227294	-4.39959	0.557929	0.497153	-2.01145	0.953718	1.07073	1.07073	0.292528	0.744243	-1.34374		0.755752	0.692424	-1.4442	?	?	0.650716	1.71121	1.71121	0.423189	2.62807	2.62807	0.590718	1.12853	16.7163	1
cg13806221	URGCP;UBE2D4;URGCP		0.761896		0.615973	0.902489	-1.10805	0.977928	1.05063	1.05063	0.969494	0.999109	-1.00089	0.625465	1.10495	1.10495	0.967952	0.996789	-1.00322		0.207593	1.30944	1.30944	0.241895	0.779964	-1.28211	0.357934	0.80021	-1.24981	0.268001	-1.0321	0.608844	0.397559	0.57947	1
cg26298814	SUSD5		0.761899		0.30275	1.64959	-1.40459	0.799004	0.108459	1.08459	0.983896	0.993597	-1.00644	0.979366	1.00826	1.00826	0.19699	1.54356	1.54356		0.814792	0.928041	-1.07754	0.963191	1.0148	1.0148	0.925624	0.970721	-1.03016	0.150424	1.63323	1.63323	0.60984	0.978275	1.42591	1
cg16705073	ST3GAL2		0.7619		0.36097	0.428607	-2.33314	0.318274	2.56303	2.56303	0.50431	1.79988	1.79988	0.759586	0.75486	-1.32475	0.446471	2.01971	2.01971		0.234539	1.07762	1.07762	0.593586	1.62571	1.62571	0.489408	1.88394	1.88394	0.684279	1.46003	0.609839	0.786095	11.458	1
cg09342669	GPSM2		0.761929		0.278728	1.847154	-1.88097	0.109229	0.273272	-3.65936	0.562151	0.576635	-1.7354	0.307946	0.443514	-2.25472	0.213635	0.202233	-4.42193		0.401055	0.446004	-2.24213	0.362308	0.434956	-2.4099	0.403544	0.447997	-2.23216	0.647625	0.649018	-1.54079	0.609838	8.5231	12.4281	1
cg16929791	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B		0.761902		0.528441	1.14678	1.14678	0.459035	1.17548	1.17548	0.697959	0.919773	-1.08723	0.714801	0.934316	-1.08188	0.739088	0.930829	-1.07431		0.37304	0.821925	-1.21666	0.342835	1.23315	1.23315	0.599485	0.892584	-1.12034	0.283146	1.27016	1.27016	0.609835	0.444162	0.647405	1
cg26585590	CHN1;CHN1		0.761903		0.427652	1.52572	1.52572	0.999289	0.999535	-1.00046	0.321691	1.70586	1.70586	0.822662	1.12423	1.12423	0.763609	0.854411	-1.1704		0.424019	1.153103	1.153103	0.12893	2.38514	2.38514	0.360016	1.63381	1.63381	0.605328	1.3123	1.3123	0.609835	2.62834	3.83105	1
cg22732055	CROCC1		0.761919		0.98663	0.996995	-1.00301	0.690156	1.08833	1.08833	0.280839	0.789167	-1.26736	0.72593	0.928355	-1.07717	0.648482	0.907602	-1.1018		0.496136	1.15716	1.15716	0.211681	1.32038	1.32038	0.524874	0.872749	-1.14581	0.591271	0.891806	-1.12132	0.609811	0.430934	0.628149	1
cg26878649	WFDC1		0.761926		0.665056	1.39355	1.39355	0.748863	0.769623	-1.29948	0.108716	0.935513	1.0544	1.05434	0.401267	1.75382	1.75382	0.292928	2.14407	2.14407	1.14547	0.473331	1.61039	1.61039	0.822617	0.866071	-1.15464	0.449947	1.65497	1.65497	0.125416	2.95805	2.95805	0.609801	4.12979	6.01987	1
cg04193218	PACRGL;PACRGL		0.761947		0.116793	0.699111	-1.43039	0.603716	0.11628	1.11628	0.991506	0.997766	-1.00224	0.465393	1.1689	1.1689	0.712763	1.08077	1.08077		0.840177	1.04033	1.04033	0.455936	1.17294	1.17294	0.844985	1.04198	1.04198	0.614753	1.12149	1.12149	0.609772	0.426161	0.621231	1
cg09845193	RWDD3;RWDD3		0.761949		0.950304	1.01067	1.01067	0.618336	0.804894	-1.24255	0.729199	1.27254	1.27254	0.465064	1.10389	1.10389	0.705983	1.06412	1.06412	0.853942	0.970233	1.03068	0.964594	-1.03708	?	?	0.947776	0.989316	-1.01108	0.709242	1.02964	1.02964	0.609766	0.99038	1.44374	1
cg25653448	ZNF431		0.761955		0.651015	0.864304	-1.157	0.728604	0.894446	-1.11801	0.180907	1.57605	1.57605	0.686396	0.87811	-1.13881	0.835917	1.06867	1.06867		0.59307	1.18856	1.18856	0.243707	1.47789	1.47789	0.531516	1.22503	1.22503	0.437993	1.28833	1.28833	0.609761	0.99038	1.44374	1
cg02747044	DSCR9		0.761968		0.995562	0.997713	-1.00229	0.574848	1.26278	1.26278	0.242312	1.65496	1.65496	0.760753	0.881855	-1.13397	0.857705	0.917502	-1.09056		0.353424	1.48153	1.48153	0.219114	0.587397	-1.70243	0.706734	0.855897	-1.16837	0.96025	1.02073	1.02073	0.607142	1.63668	2.38597	1
cg18429434	FAM117B		0.761973		0.779064	1.08784	1.08784	0.35045	0.852267	-1.17316	0.82019	0.936918	-1.06753	0.867117	0.960154	-1.0861	0.717863	1.66731	1.66731		0.883372	1.14902	-1.14902	0.172441	1.31538	1.31538	0.463966	0.880001	-1.25	0.936758	0.976523	1.02404	0.976758	0.852462	1.26168	1
cg22249566	SYAP1;SYAP1		0.761974		0.364724	0.716342	-1.39598	0.485973	0.776025	-1.28862	0.36179	1.399	1.399	0.584747	0.820654	-1.21854	0.574867	0.816293	-1.22505		0.551882	0.806071	-1.24058	0.41908	0.743998	-1.34409	0.454872	1.31343	1.31343	0.561923	1.23373	1.23373	0.609734	1.23988	1.80608	1
cg19019911	SLC2A2;SLC2A2		0.761991		0.174052	0.838615	-1.19256	0.644088	1.50204	1.50204	0.451562	1.65066	1.65066	0.830694	1.12253	1.12253	0.551875	1.5318	1.5318		0.935448	1.05514	1.05514	0.374896	1.59027	1.59027	0.564993	1.44291	1.44291	0.615997	1.42314	1.42314	0.6088	2.17663	3.18611	1
cg02685590	CHN1;CHN1		0.761993		0.427652	1.52572	1.52572	0.999289	0.999535	-1.00046	0.321691	1.70586	1.70586	0.822662	1.12423	1.12423	0.763609	0.854411	-1.1704		0.424019	1.153103	1.153103	0.12893	2.38514	2.38514	0.360016	1.63381	1.63381	0.605328	1.3123	1.3123	0.608535	2.62834	3.83105	1
cg22732055	CROCC1		0.761919		0.98663	0.996995	-1.00301	0.690156	1.08833	1.08833	0.280839	0.789167	-1.26736	0.72593	0.928355	-1.07717	0.648482	0.907602	-1.1018		0.496136	1.15716	1.15716	0.211681	1.32038	1.32038	0.524874	0.872749	-1.14581	0.591271	0.891806	-1.12132	0.609811	0.430934	0.628149	1
cg26878649	WFDC1		0.761926		0.665056	1.39355	1.39355	0.748863	0.769623	-1.29948	0.108716	0.935513	1.0544	1.05434	0.401267	1.75382	1.75382	0.292928	2.14407	2.14407	1.14547	0.473331	1.61039	1.61039	0.822617	0.866071	-1.15464	0.449947	1.65497	1.65497	0.125416	2.95805	2.95805	0.609801	4.12979	6.01987	1
cg04193218	PACRGL;PACRGL		0.761947		0.116793	0.699111	-1.43039	0.603716	0.11628	1.11628	0.991506	0.997766	-1.00224	0.465393	1.1689	1.1689	0.712763	1.08077	1.08077		0.840177	1.04033	1.04033	0.455936	1.17294	1.17294	0.844985	1.04198	1.04198	0.614753	1.12149	1.12149	0.609772	0.426161	0.621231	1
cg09845193	RWDD3;RWDD3		0.761949		0.950304	1.01067	1.01067	0.618336	0.804894	-1.24255	0.729199	1.27254	1.27254	0.465064	1.10389	1.10389	0.705983	1.06412	1.06412	0.853942	0.970233	1.03068	0.964594	-1.03708	?	?	0.947776	0.989316	-1.01108	0.709242	1.02964	1.02964	0.609766	0.99038	1.44374	1
cg25653448	ZNF431		0.761955		0.651015	0.864304	-1.157	0.728604	0.894446	-1.11801	0.180907	1.57605	1.57605	0.686396	0.87811	-1.13881	0.835917	1.06867	1.06867		0.59307	1.18856	1.18856	0.243707	1.47789	1.47789	0.531516	1.22503	1.22503	0.437993	1.28833	1.28833	0.609761	0.99038	1.44374	1
cg22917147	GRWD1		0.762094		0.248966	1.35904	1.35904	0.427456	0.813619	-1.22908	0.798257	0.936873	-1.06738	0.6843	0.901162	-1.10968	0.81515	0.699253	1.4301		0.810182	0.940579	-1.06317	0.636678	0.88592	-1.12877	0.657085	0.892484	-1.12047	0.465812	0.827829	-1.20798	0.609756	0.625692	0.912405	1
cg23068731	CD38		0.762119		0.445948	0.697038	-1.43464	0.969743	1.01778	1.01778	0.244955	1.75944	1.75944	0.614539	1.26604	1.26604	0.412323	1.47607	1.47607		0.215274	1.83296	1.83296	0.745311	1.16347	1.16347	0.676272	1.2154	1.2154	0.355888	1.5545	1.5545	0.609531	2.08327	3.03806	1
cg07138869	CMC1;CMC1		0.762132		?	?	?	0.483959	0.812318	-1.42003	0.481183	1.27042	1.27042	0.440308	1.14008	-1.14859	0.954911	1.00302	1.00302		0.845388	0.908649	-1.10051	0.71482	?	?	0.810188	0.888637	-1.12532	0.213064	1.90299	1.90299	0.571825	1.69586	4.38917	1
cg26399662	CHST2		0.762153		0.91975	1.03667	1.03667	0.708058	0.14389	1.14389	0.859793	1.04796	1.04796	0.825746	1.08199	1.08199	0.823498	1.08069	1.08069		0.374563	1.38503	1.38503	0.073609	2.03969	2.03969	0.920566	0.964981	-1.03629	0.657675	0.852672	-1.17278	0.609684	1.23286	1.79804	1
cg20954248	QRICH1;QRICH1		0.762156		0.871482	1.04966	1.04966	0.557351	0.811557	-1.23156	0.49096	0.945415	-1.06357	0.824617	0.938405	-1.06557	0.744993	1.34091	1.34091		0.731221	1.14131	1.14131	0.429479	0.866088	-1.15462	0.782181	1.28247	1.28247	0.614276	1.14472	1.14472	0.609675	0.852462	1.26168	1
cg19392138	ZNF750;ZNF449		0.762201		0.328636	0.320888	-3.11635	0.443631	0.412906	-2.42186	0.380747	0.36292	-2.75543	0.418699	2.53847	2.53847	0.97689	1.03319	1.03319		0.207138	0.223186	-4.48057	0.978823	0.97052	-1.03038	0.780018	1.37115	1.37115	0.807015	1.31773	1.31773	0.609416	12.2668	17.8922	1
cg18771829	ANO1;ANO1		0.762211		0.225423	0.678549	-1.47373	0.574844	1.21426	1.21426	0.780178	0.96976	-1.09919	0.53676	0.807134	-1.23898	0.797447	0.914101	-1.09355		0.585947	1.10753	1.10753	0.571196	0.97196	-1.02908	0.934509	0.973115	-1.02763	0.954376	0.975422	1.02509	0.975422	0.963731	1.40591	1
cg14181289	NFASC;NFASC;NFASC;NFASC;NFASC		0.762216		0.378994	0.629909	-1.58753	0.211456	0.76228	-1.31161	0.296612	1.96262	1.96262	0.394684	0.74462	-1.34297	0.445063	2.24853	2.24853		0.683655	0.691349	-1.44683	0.107679	1.4993	1.4993	0.886088	0.931757	-1.07328	0.499	1.14516	1.14516	0.609586	1.53896	1.69162	1
cg17426969	PAN3;PAN3		0.762222		0.941437	1.04118	1.04118	0.632982	0.767769	-1.30248	0.20751	0.481872	-2.07524	0.93662	1.04465	1.04465	0.946554	0.963845	-1.03751		0.669729	1.2662	1.2662	0.132877	0.410381	-2.43676	0.792929	1.15547	1.15547	0.579599	0.735381	-1.35984	0.609386	2.91205	4.24769	1
cg05404544	EFNB2		0.762224		0.647252	1.1763	1.1763	0.956181	0.956181	0.88025	-1.13555	0.502646	-1.2117	0.455814	0.765345	-1.30674	0.780194	0.832302	-1.20146		0.518964	1.00142	1.00142	0.994204	1.15864	1.15864	0.668177	0.859008	-1.16413	0.609362	1.19873	1.19873	0.74861	1		
cg02727566	MAP3K10		0.762246		0.241076	0.524564	-1.90634	0.975392	1.01635	1.01635	0.97271	0.982176	-1.01815	0.838452	0.898237	-1.11329	0.932636	0.484359	2.06458		0.212693	0.501564	-1.99376	0.414299	0.644856	-1.55073	0.815994	1.13037	1.13037	0.912808	0.944042	-1.05927	0.609353	2.66743	3.89109	1
cg09783697	NFE2L3		0.762252		0.130947	0.762143	-1.31209	0.533653	0.899884	-1.11125	0.631249	1.08585	1.08585	0.320739	0.842275	-1.18628	0.811961	0.963096	-1.04048		0.351899	0.852564	-1.17293	0.999486	0.866225	-1.15443	0.601256	0.914049	-1.09122	0.707791	0.999219	-1.00427	0.609345	0.267537	0.390273	1
cg06388353	PDGFD;HDGF2		0.762261		0.836071	1.16586	1.16586	0.212131	0.64693	-2.64693	0.265966	2.3596	2.3596	0.739364	1.28055	1.28055	0.551986	0.6404	1.56152		?	?	?	0.903048	0.931698	-1.09445	0.92121	1.07603	1.07603	0.464321	0.576027	-1.73603	0.592499	4.57546	7.7223	1
cg00379371	PIM2		0.762275		0.320043	0.385812	-2.59194	0.401349	0.45105	-2.21705	0.151165	0.24032	-4.16112	0.882168	0.875555	-1.14737	0.471491	0.507168	-1.97173		0.46271	0.500118	-1.99953	0.485094	0.518111	-1.93009	0.968281	1.06371	1.06371	0.579959	1.68364	1.68364	0.609313	8.29095	12.0952	1
cg08784492	TNFRSF12A		0.762282		0.26206	0.611757	-1.63479	0.29109	0.97419	-1.02647	0.808208	0.700579	-1.42739	0.558892	0.828569	-1.20695	0.90902	0.977485	-1.02289		0.388606	0.544552	-1.83637	0.457343	0.58252	-1.71648	0.548207	0.714525	-1.39944	0.708753	0.723394	-1.38273	0.533866	0.648297	-1.54245	0.609303	0.6612	1		
cg00893603	ATP8A2		0.762292		0.463028	1.71735	1.71735	0.934657	0.942365	-1.06116	0.374733	0.517078	-1.93394	0.615872	0.69336	-1.44225	0.394058	1.88134	1.88134		0.758248	1.25044	1.25044	0.196271	2.6891	2.6891	0.426348	1.8004	1.8004	0.8463	1.15084	1.15084	0.609288	5.05731	7.3781	1
cg19740287	FANCB;MOSPD2;FANCB		0.762296		0.18912	0.390017	-2.56399	0.533441	0.65113	-1.53579	0.808319	0.644158	-1.17901	0.477805	0.629821	1.629821	0.970593	0.524266	1.90753		0.233688	0.429533	-2.32811	0.717137	0.781727	-1.27922	0.607128	0.899067	-1.11226	0.536057	1.52823	1.52823	0.608282	4.32406	6.44406	1
cg08315959	RGMB		0.76229		0.389758	0.863137	-1.15832	0.434643	0.14218	1.14218	0.226365	1.23594	1.23594	0.314821	0.840857	-1.18926	0.82826	0.964419	-1.03689		0.76468	0.95117	-1.05134	0.511977	0.917393	1.01745	1.01745	0.709634	0.999339	-1.00006	0.699279	0.268349	0.3915	1		
cg24686825	MAP7D1		0.7623		0.416334	1.39764	1.39764	0.164217	1.81878	1.81878	0.555528	1.27084	1.27084	0.211738	1.60923	1.60923	0.398581	1.41667	1.41667		0.425347	1.3883	1.3883	0.961647	1.01957	1.01957	0.754184	0.881093	-1.13495	0.84565	1.08171	1.08171	0.609277	1.56727	2.28653	1
cg24738012	UBE2O		0.762304		0.647252	1.1763	1.1763	0.956181	0.956181	0.88025	-1.13555	0.502646	-1.2117	0.455814	0.765345	-1.30674	0.780194	0.832302	-1.20146		0.518964	1.00142	1.00142	0.994204	1.15864	1.15864	0.668177	0.859008	-1.16413	0.609362	1.19873	1.19873	0.74861	1		
cg22149588	SF3A1;SF3A1		0.762311		0.412064	0.636061	-1.57218	0.934815	0.96269	-1.03876	0.475286	1.49743	1.49743	0.886227	0.925925	-1.08	0.713606	0.422051	-2.36918		0.44836	0.65913	-1.51715	0.704938	0.814456	-1.22781	0.698381	0.810523	-1.23377	0.320496	0.575095	-1.73884	0.609262	2.80834	4.09732	1
cg24580782	NR0B2		0.762312		0.97142	1.01338	1.01338	0.672683	0.720783	-1.38813	0.74263	1.24263	1.24263	0.269638	0.720183	-1.38813	0.70703	0.708312	-1.41202		0.842227	1.10634	1.10634	0.204579	0.745633	-1.34129	0.654911	0.729477	-1.37057	0.602031	1.08024	1.08024	0.609247	0.965438	1.40862	1
cg01120132	DKFZp566F0947 SNORD27;SLC34A2;SLC3A2;SNORD28;SNORD26;SNORD25;SLC3A2;SLC34A2;SNORD26;SLC3		0.762323		0.528672	0.536598	-1.86359	0.400633	2.31415	2.31415	0.252421	3.20884	3.20884	0.421308	2.22815	2.22815	0.566775	0.568546	-1.75887		0.689318	0.675761	-1.47981	0.974483	0.969288	-1.03168	0.57773	0.573835	-1.7306	0.414819	2.25446	2.25446	0.609245	0.17745	13.3899	1
cg25171331	A2;SNHG1		0.762342		0.250899	1.9051	1.9051	0.793722	1.15118	1.15118	0.595629	1.33344	1.33344	0.229582	1.96856	1.96856	0.223601	1.98765	1.98765		0.683512	1.24634	1.24634	0.844022	1.11164	1.11164	0.522717	0.706075	-1.41628	0.864225	0.91215	-1.09631	0.609218	2.78503	4.06354	1
cg16040940	FAM50A		0.762358		0.159863	0.674691	-1.48195	0.749349	0.972956	-1.0278	0.372326	0.849077	-1.17775	0.628644	0.94752	-1.05525	0.866415	1.18117	1.18117		0.138309	0.195	-5.12821	0.027349	0.605813	-1.65062	0.806958	0.874174	-1.18506	0.938844	0.914917	-1.093	0.609216	0.10263	0.147755	1
cg21755633	RAB1A;RAB1A		0.762381		0.314805	0.741154	-1.34925	0.419774	0.12614	1.26814	0.37141	1.30276	1.30276	0.954195	1.01669	1.01669	0.652758	1.11942	1.11942		0.853797	0.948229	-1.05454	0.492692	0.818089	-1.22236	0.318336	0.34612	-1.34612	0.599975	0.858561	-1.16474	0.609164	0.801219	1.16913	1
cg00757413	SLC2A8		0.762386		0.502487	0.910752	-1.09799	0.180706	0.822642	-1.2156	0.626101	0.934778	-1.06977	0.336398	0.87271	-1.14586	0.499896	0.91022	-1.09864		0.713765	0.956654	-1.05191	0.26563	0.852704	-1.17274	0.656873	0.940434	-1.06334	0.491933	1.10063	1.10063	0.609157	0.182036	0.265629	1
cg26842394	HEXIM2		0.762394		0.847403	1.02657	1.02657	0.796403	0.781101	1.28101	0.148853	1.25265	1.25265	0.954254	1.00838	1.00838	0.992107	1.00162	1.00162		0.41865	1.12777	1.12777	0.663692	0.838328	-1.06573	0.764348	0.956664	-1.0453	0.315287	1.16309	1.16309	0.609148	0.204233	0.298824	1
cg16409096	C5orf36		0.762401		0.333951	0.664258	-1.50544	0.46092	1.3609	1.3609	0.830151	0.915593	-1.09219	0.912921	0.94593	0.826881	0.914401	-1.09408		0.146201	1.89711	1.89711	0.731	1.1522	1.1522	0.557456	0.783844	-1.27576	0.778014	0.890458	-1.12302	0.609136	1.62573	2.37236	1
cg17088273	KIAA1688		0.762401		0.977853	1.02274	1.02274	0.883583	0.919742	-1.0869	0.788771	0.888809	-1.125	0.886851	1.02444	1.02444	0.850397	1.17482	1.17482		0.173842	1.88635	1.88635	0.276235	0.622141	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
ga19550914	DUSP7	0.76307	0.92157	0.68726	-1.45504	0.31493	1.56475	-1.77069	0.004489	1.06823	1.06823	0.799334	1.15035	1.15035	0.455529	0.658423	1.51878	1.46357	0.523543	1.42684	1.42684	0.235109	1.97908	0.984063	1.01104	0.608198	2.912168	4.25619	1
cg12430902	NCRNA00171 RP1234P02.9AL28;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RABL2B;RPL23AP	0.763082	0.604181	1.1385	1.1385	0.557446	0.863161	-1.15853	0.118174	0.656539	-1.52314	0.768251	1.07604	1.07604	0.857699	1.04552	1.04552								0.465447	0.831735	-1.20231	0.634731	1.12604	1.12604	0.503888	0.846701	-1.18106	0.69476	0.906817	-1.10276	0.608181	0.59255	0.866043	1
cg20678624	CYP1	0.763099	0.569643	1.68055	1.68055	0.687587	1.44055	1.44055	0.342553	0.631443	-2.41813	0.826505	1.21923	1.21923	0.949209	1.05921	1.05921								0.909056	1.10872	1.10872	0.197285	1.42373	1.42373	0.224725	1.16291	1.16291	0.555997	1.7251	1.7251	1.72251	0.608157	0.785355	11.4785	1
cg16530086	CUGBP2;CUGBP2	0.7631	0.653463	0.655802	-1.52485	0.280395	2.85056	2.85056	0.214193	3.39019	3.39019	0.841654	0.829661	-1.20531	0.430959	2.11792	2.11792								0.440608	2.08381	2.08381	0.695554	0.692703	-1.44362	0.832673	1.21837	1.21837	0.570145	0.58523	-1.70873	0.608156	8.39473	12.2699	1
cg15710681	C11orf46	0.763103	0.364995	1.56216	1.56216	0.615389	1.27448	1.27448	0.812987	1.12016	1.12016	0.355793	1.57584	1.57584	0.158668	2.05733	2.05733								0.983968	1.00967	1.00967	0.175834	1.99205	1.99205	0.457558	1.43651	1.43651	0.721563	1.18566	1.18566	0.608152	2.20809	3.2274	1
cg09324481	SBF1	0.763112	0.871631	0.904061	1.10403	0.265667	1.90508	1.90508	0.158205	2.42768	2.42768	0.653075	1.28585	1.28585	0.831444	1.12574	1.12574								0.436424	1.55452	1.55452	0.384784	1.67206	1.67206	0.920174	0.945823	-1.05728	0.740796	0.831551	1.20257	0.608128	2.97378	4.34071	1
cg13598754	ECE1;ECE1;ECE1;ECE1	0.763122	0.220016	1.51458	1.51458	0.828451	0.932527	-1.07235	0.995282	1.00191	1.00191	0.618031	0.850588	-1.17566	0.49088	1.25264	1.25264								0.967248	0.98687	-1.01331	0.142637	1.66076	1.66076	0.660839	1.15272	1.15272	0.872428	0.949585	-1.05309	0.608125	0.998056	1.45885	1
cg18729130	LIN52	0.763123	0.418626	0.729299	1.37009	0.461571	1.37099	1.37099	0.126684	0.732558	1.8828885	-1.13265	0.825681	1.0879	1.0879	0.919865	1.08791	1.08791	0.500339	0.710965					0.782578	0.899729	-1.11545	0.149717	1.82684	1.82684	0.626104	1.08448	-1.10469	0.510309	0.774486	1.29056	0.608124	1.40513	2.05386	1
cg18348736	TMEM233	0.763127	0.696269	0.864317	-1.15698	0.562765	0.806712	-1.2396	0.526576	0.790151	-1.26558	0.427355	1.34628	1.34628	0.310566	1.46983	1.46983								0.190445	1.66355	1.66355	0.783262	0.920437	-1.10652	0.825604	1.08438	1.08438	0.880252	0.946166	-1.0569	0.608119	1.29778	1.89697	1
cg08764629	MCRS1	0.76313	0.284108	5.67212	5.67212	0.634155	0.477271	-2.09124	0.685121	1.87092	1.87092	0.342129	4.55095	4.55095	7	7	7								0.178969	3.21525	3.21525	0.912346	2.30284	2.30284	0.971626	1.05634	1.05634	0.712461	1.69746	1.69746	0.588895	19.2756	28.6403	1
cg21932380	WEE1;WEE1;WEE1	0.76313	0.378337	0.526065	-1.89766	0.435269	0.56882	-1.75803	0.649863	0.55085	-1.97791	0.211955	0.393802	-2.53934	0.346963	0.503386	-1.98655								0.201223	0.384175	-2.60298	0.862463	1.13077	1.13077	0.657596	0.72894	-1.37185	0.515326	0.626534	-1.59608	0.608114	4.83811	7.07193	1
cg24419099	NR1H3;ACP2;ACP2	0.763133	0.699285	0.843377	-1.18487	0.144358	0.503957	-1.9843	0.332761	1.5475	1.5475	0.892185	0.904957	-1.10503	0.741898	0.747282	1.13181	1.13181							0.991768	0.995501	-1.00452	0.514898	0.740923	1.34992	0.608101	0.998111	1.83933	2.6886	1
cg10433678	EPPK1	0.763143	0.855204	1.12515	1.12515	0.708203	0.825624	-1.21121	0.675232	0.76353	-1.30983	0.132288	0.685857	1.29088	1.29088	0.74914	0.874549	1.22917	0.143355	1.88055	1.88055	0.771101	0.832626	-1.20102	0.670779	0.764074	-1.30877	0.608095	3.79692	5.55019	1
cg20964456	FOXK1	0.763151	0.425304	0.3934	-2.54194	0.284602	0.279798	-3.57401	0.218902	0.227252	-4.4004	0.347151	0.329795	-3.03218	0.318693	0.306994	-3.25739								0.344047	0.327302	-3.05529	0.248863	0.251287	-3.97952	0.465394	0.426857	-2.3427	0.654598	0.596898	-1.67533	0.608085	12.6458	18.4855	1
cg10369451	ELOVL5;ELOVL5	0.763157	0.608693	1.59077	1.59077	0.166004	0.34572	0.34572	0.209449	3.23188	3.23188	0.979291	1.033	1.033	?	?	?								0.576432	2.02575	2.02575	0.813459	1.34405	1.34405	0.418177	2.6891	2.6891	0.883937	1.05493	1.05493	0.591225	13.034	22.0288	1
cg04458510	TMEM67;TMEM67;TMEM67	0.763157	0.945588	0.985435	-1.02478	0.463092	0.949105	-1.07771	0.685642	0.914985	-1.09291	0.965905	1.02593	1.02593	0.298508	0.780779	-1.26618								0.413523	1.20091	1.20091	0.944527	0.984476	-1.01536	0.693058	1.09077	1.09077	0.195857	1.34927	1.34927	0.608077	0.463908	0.675219	1
cg04025127	PTPRF;PTPRF	0.763172	0.54063	0.726671	-1.37614	0.555289	1.36006	1.36006	0.355672	1.63187	1.63187	0.411523	1.54161	1.54161	0.379913	0.628589	-1.59086								0.446384	0.670277	-1.49192	0.861013	0.913629	-1.09454	0.906128	1.06269	1.06269	0.363259	1.6187	1.6187	0.608055	2.55862	3.74034	1
cg08977130	TBL1XR1	0.763174	0.826626	1.03343	1.03343	0.704738	0.777566	1.28062	0.218706	1.27907	1.27907	0.200487	1.01508	1.01508	0.694119	0.924071	-1.08204								0.888678	0.972723	-1.02742	0.739834	0.91127	-1.09742	0.852211	1.05032	1.05032	0.429299	1.12857	1.12857	0.608053	0.216408	0.316359	1
cg04375596	PVRL3	0.763184	0.388321	1.7248	1.7248	0.682554	0.776058	-1.28856	0.947174	1.0417	1.0417	0.34369	1.82467	1.82467	0.290241	1.17865	1.17865								0.192664	0.427378	-2.33985	0.43971	1.62558	1.62558	0.638373	1.33891	1.33891	0.178807	1.24972	1.24972	0.608039	3.66059	5.35139	1
cg20585563	ZNF512B	0.763185	0.4513	1.87319	1.87319	0.503508	0.644225	1.55222	0.175131	2.13473	2.13473	0.324679	1.52479	1.52479	0.408833	1.53626	1.53626								0.760924	1.44438	1.44438	0.194882	1.53206	1.53206	0.823023	1.09069	1.09069	0.78782	0.809881	-1.14958	0.608037	1.54433	2.04285	1
cg01117213	MFAP3;MFAP3;;MFAP3 NFATC1;NFATC1;NFATC1;NFATC1;NFAT	0.763188	0.684392	0.915328	-1.0925	0.636865	0.902174	-1.10843	0.442827	0.844172	-1.18459	0.422365	1.19414	1.19414	0.746582	1.07269	1.07269								0.334779	0.80626	-1.2403	0.303597	1.25945	1.25945	0.536089	1.14528	1.14528	0.552814	1.13882	1.13882	0.608033	0.451337	0.659813	1
cg05712931	C1	0.763195	0.380726	0.751058	-1.33146	0.817277	1.07647	0.103102	0.566819	-1.76423	0.47601	0.793931	-1.25955	0.435948	0.776419	-1.28796									0.694707	1.13382	1.13382	0.97988	1.00886	0.941086	0.981452	0.978344	-1.02214	0.987913	0.995189	-1.00483	0.608023	0.976223	1.42717	1
cg13904771	C10orf47	0.7632	0.521965	1.12007	1.12007	0.426465	0.867727	-1.15244	0.258622	0.813885	-1.22868	0.434582	1.14947	1.14947	0.987577	0.997283	-1.00272								0.562509	1.11872	1.11872	0.493818	0.885672	-1.12909	0.688808	1.07287	1.07287	0.496578	1.12819	1.12819	0.608016	0.293971	0.429771	1
cg17972708	ZNF547;TRAPPC2P1	0.763207	0.590709	1.69183	1.69183	0.537304	1.10685	1.10685	0.802597	1.11189	1.11189	0.882299	1.01802	1.01802	0.937554	1.12088	1.12088	0.16708							0.556262	1.79718	1.79718	0.13007	1.50635	1.50635	0.722732	1.44475	1.44475	0.210395	1.23809	1.23809	0.608007	0.252146	0.368631	1
cg08559142	LOC646982;LOC646982	0.763208	0.943284	1.0362	1.0362	0.309832	1.16097	1.69097	0.279189	1.75483	1.75483	0.936824	0.961115	-1.04042	0.964968	0.978286	1.0222								0.310231	1.69019	1.69019	0.335728	1.64243	1.64243	0.52562	1.0752	1.0752	0.379067	1.28359	0.608005	2.40591	3.51738	1
cg21422770	HLCS	0.763213	0.762006	1.05456	1.05456	0.313617	0.833385	-1.19993	0.933641	0.985542	-1.01467	0.646027	1.08424	1.08424	0.568812	1.10596	1.10596								0.871673	0.972124	-1.02868	0.19919	1.26775	1.26775	0.49671	1.12826	1.12826	0.309655	1.20185	1.20185	0.607998	0.294505	0.430565	1
cg23164993	AK3L1;AK3L1;AK3L1;AK3L1	0.763215	0.206691	2.09733	2.09733	0.158454	0.150425	1.85185	0.853267	1.14147	1.14147	0.241464	1.16992	1.16992	0.791394	1.08289	1.08289	0.150013							0.397333	1.18466	1.18466	0.156496	1.29937	1.29937	0.506282	1.14089	1.14089	0.697995	0.367891	0.537857	1
cg14442302	NDOR1;NDOR1;NDOR1;NDOR1	0.763231	0.901827	0.93783	1.03783	0.629384	0.863883	-1.15756	0.51009	1.22268	1.22268	0.167525	1.55685	1.55685	0.642863	1.15086	1.15086								0.580263	0.845295	-1.18302	0.469414	1.2479	1.2479	0.719452	0.897152	-1.11464	0.429878	0.784697	-1.27438	0.607972	0.87177	1.27457	1
cg23519794	TCTN3;TCTN3;TCTN3;TCTN3	0.763243	0.88836	0.970104	1.03092	0.525138	1.32311	1.32311	0.240764	1.49435	1.49435	0.68721	1.50805	1.50805	0.188624	1.31453	1.31453								0.557974	1.46206	1.46206	0.176798	1.36873	1.36873	0.792127	1.18872	1.18872	0.647887	1.19076	1.19076	0.608029	0.229977	0.336178	1
cg19667082	SBF1	0.76325	0.913496	1.11389	1.11389	0.125289	0.19091	1.91091	0.210029	3.71077	3.71077	0.990914	1.00113	1.00113	0.634264	0.621437	1.60917								0.991202	1.01101	1.01101	0.929389	1.09196	1.09196	0.957569	0.948558	-1.05423	0.691419	0.672995	-1.4859	0.607946	0.48678	13.8708	1
cg07160278	MEPCE;ZC3PWP1	0.763261	0.542263	0.761493	-1.31321	0.553625	1.30478	1.30478	0.170555	1.90528	1.90528	0.66037	0.825628	-1.2112	?	?	?								0.484781	1.36833	1.36833	0.993834	0.996593	-1.00342	0.633539	1.23634	1.23634	0.396725	1.46716	1.46716	0.591078	1.6235	2.74668	1
cg19083670	TMEM144	0.763266	0.84128	1.07294	1.07294	0.712113	0.713173	1.40242	0.423921	1.3868	1.3868	0.659324	1.19442	1.19442	0.943584	1.02875	1.02875								0.760124	1.88795	1.88795	0.126516	1.4818	1.4818	0.188296	1.77862	1.77862	1.21283	0.607924	1.54539	2.23755	1
cg03451204	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.763271	0.823052	0.861327	-1.161	0.837291	1.14689	1.14689	0.223184	2.34685	2.34685	0.470814	1.63062	1.63062	0.797079	0.842198	-1.18737								0.309636	0.496207	-2.01529	0.67151	0.752532	-1.32885	0.766924	1.2191	1.2191	0.320373	1.98249	1.98249	0.607917	4.27717	6.25403	1
cg03154690	PDE4D;PDE4D	0.7632	0.620968	0.824202	-1.2133	0.716812	1.15177	1.15177	0.319885	1.48987	1.48987	0.619158	1.21453	1.21453	0.697278	0.640342	-1.56167								0.63652	0.8314	-1.20279	0.311424	0.666171	-1.50112	0.722917	1.14808	1.14808	0.673146	1.17889	1.17889	0.60789	1.44854	2.11813	1
cg24125468	SLC24A5	0.763233	0.084149	0.646089	-1.54777	0.362003	0.807016	-1.23913	0.32034	0.790589	-1.26488	0.610202	0.889005	-1.12485	0.609581	0.88882	-1.12509								0.846098	0.956505	-1.04547	0.42678	0.830533	-1.20405	0.696641	0.914247	-1.0938	0.763018	0.93314	-1.07165	0.607875	0.504147	0.737208	1
cg20997720	PAK4;PAK4;PAK4;PAK4;PAK4	0.763305	0.323263	1.70152	1.70152	0.587435	0.78132	1.28112	0.102499	1.67253	1.67253	0.388225	1.20027	1.20027	0.384809	0.779722	-1.2518								0.634949	1.19227	1.19227	0.244682	1.27121	1.27121	0.876811	0.985821	1.17121	0.853821	0.717121	1.39455	0.607869	0.327844	0.479407	1
cg04752515	SLC12A7	0.763311	0.741715	1.07837	1.07837	0.877295	1.03588	1.03588	0.391906	1.22152	1.22152	0.636899	1.11457	1.11457	0.519262	1.16072	1.16072								0.1239	1.46246	1.46246	0.467789	1.18357	1.18357	0.38062	1.38374	1.38374	0.525104	1.15825	1.15825	0.607896	0.500991	0.732611	1
cg19523667	ZMIZ2;ZMIZ2	0.763318	0.410322	1.69586	1.69586	0.527225	1.31725	1.31725	0.103163	1.98148	1.98148	0.602795	1.30615	1.30615	0.844823	1.07838	1.07838								0.337125	1.59107	1.59107	0.322156	1.54544	1.54544	0.574767	1.37975	1.37975	0.399212	1.64544	1.64544	0.607883	0.548394	0.802264	1
cg16728225	ZNF423	0.763321	0.55045	0.838522	-1.19257	0.553121	0.81268	-1.20094	0.263593	0.711952	-1.40459	0.334885	0.748322	-1.33632	0.425037	0.788605	-1.26806								0.951058	1.01806	1.01806	0.146739	1.24411	1.24411	0.439293	1.25854	1.25854	0.909125	1.03385	1.03385	0.607845	0.818175	1.19647	1
cg10660249	FRMPD1	0.763328	0.778258	0.93214	-1.07279	0.540102	0.836338	-1.19569	0.84345	0.944343	-1.05996	0.4894	1.23002	1.23002	0.142939	1.59076	1.59076								0.581446	1.17839	1.17839	0.887146	1.12666	1.12666	0.951307	0.970901	-1.03078	0.907428	0.994135	-1.0059	0.607766	0.836661	1.22965	1
cg02946619	NKX2-5;NKX2-5;NKX2-5	0.763387	0.18821	2.29534	2.29534	0.679549	0.553549	2.48572	0.236697	5.77183	5.77183	0.572325	0.443453	2.25503	0.658828	0.538257	1.85782								0.555053	1.78092	1.78092	0.282828	1.37721	1.37721	0.837224	1.34069	1.34069	0.607754	0.753113	0.585953	1
cg12758400	RPL10A	0.763395	0.263684	0.529189	-1.88968	0.474162	1.48822	1.48822	0.858543	1.10235	1.10235	0.20062	0.477908	-2.09245	0.409385	0.630751	-1.58541								0.713661	0.817848	-1.22272	0.451019	0.6574	-1.52114	0.774592	1.1698	1.1698	0.833161	0.891173	-1.12212	0.607743	2.87158	4.19999	1
cg07812289	MGRN1;MGRN1;MGRN1;MGRN1	0.763404	0.403384	1.67146	1.67146	0.550247	1.14155	1.14155	0.650042	1.29548	1.29548	0.366422	1.36642	1.36642	0.535294	0.858931	-1.16469								0.554645	1.46859	1.46859	0.134405	1.23852	1.23852	0.108641	1.77345	1.77345	0.607711	0.784337	0.721504	1.25504	1
cg17484036	NKAIN3	0.763405	0.140153	2.14199	2.14199	0.543663	0.778636	-1.2843	0.92368	0.961746	-1.03978	0.734353	1.14872	1.14872	0.472666	0.742793	-1.34627								0.393648	1.42715	1.42715	0.449189	0.730576	-1.36878	0.23475	0.602313	-1.66027	0.883546	0.06148	1.06148	0.607729	1.59487	2.33273	1
cg22134162	THOC7	0.763427	0.41015	0.60175	-1.66182	0.696007	1.26751	1.26751	0.625985	0.843652	-1.18572	0.734363	1.228	1.228	0.244348	0.479272	-1.34627								0.919839	0.934562	-1.06988	0.388126	1.7047	1.7047	0.447209	1.56206	1.56206	0.439878	0.615812	-1.62387	0.607698	3.49981	5.11922	1
cg07375883	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.763428	0.187429	1.71438	1.71438	0.624007	0.820177	-1.21925	0.755765	0.836552	-1.19548	0.748546	1.20027	1.20027	0.384809	0.479722	-2.08531								0.634949	1.19227	1.19227	0.244682	1.27121	1.27121	0.876811	0.985821	1.17121	0.853821	0.717121	1.39455	0.607697	1.43278	2.09575	1
cg21062258	LEPROT;LEPR;LEPR;LEPR	0.763428	0.595139	0.832194	-1.20164	0.615675	0.840846	-1.18928	0.62873	0.846782	-1.18151	0.616906	0.841362	-1.18855	0.625443	0.1834	1.1834								0.540333	0.808717	-1.23653	0.087307	0.524531	-1.90646	0.479096	0.781587	-1.27945	0.830164	1.07634	0.607697	1.12895	1.65133	1
cg13464661	DPP2C	0.763429	0.844056	0.907415	1.10216	0.570008	1.24525	1.24525	0.163683	1.34941	1.34941	0.240764	1.34595	1.34595	0.622883	1.29723	1.29723	0.775004	1.29032						0.649823	1.17228	1.17228	0.647065	1.24923	1.24923	0.569562	1.22125	1.22125	0.773563	1.10553	1.10553	0.607665	0.911208	1.29257	1
cg10993865	CARS2	0.763437	0.843213	1.34143	1.34143	0.968241	0.942969	-1.06048	0.821639	0.71539	-1.39784	0.99392	1.18412	1.18412	0.106136	0.0729776	-13.7028								0.395924	1.63118	1.63118	0.919433	0.860645	-1.16192	0.668901	1.89294	1.89294	0.469466	0.33568	-2.97902	0.607684	21.1756	30.9746	1
cg25027167	DGAT1	0.763438	0.456229	0.842032	-1.1876	0.225818	1.334	1.334	0.407221	1.21179	1.21179	0.497763	0.855987	-1.16879	0.656027	0.903413	-1.10991								0.474218	1.17842	1.17842	0.974452	0.992789	-1.00726	0.994782	0.854299	-1.17055	0.866895	0.962705	-1.03874	0.607682	0.494115	0.722769	1
cg16304302	ARNTL2	0.763441	0.480655	0.894458	-1.118	0.172752	1.25327	1.25327	0.334325	1.16756	1.16756	0.845015	0.970216	-1.03091	0.717608	0.90432	-1.10632								0.962337	1.00737	1.00737	0.48834	0.896256	-1.11575	0.578851	0.916461	-1.09115	0.772999	0.955999	-1.04603	0.607678	2.93297	0.34078	1
cg13649681	RIMBP2	0.763445	0.648765	0.750628	-1.33222	0.184759	2.41061	2.41061	0.440723	1.63527	1.63527	0.711433	1.26166	1.26166	0.734906	1.23688	1.23688								0.396879	0.581198	-1.72058	0.978364	0.983179	-1.01711	0.8864	1.9987	1.9987	0.878633	1.1003	1.1003	0.607673	3.76573	5.50841	1
cg19347713	ODC1;SNORA80B	0.763447	0.403384	1.67146	1.67146	0.550247	1.14155	1.14155	0.650042	1.29548	1.29548	0.366422	1.36642	1.36642	0.535294	0.858931	-1.16469								0.554645	1.46859	1.46859	0.134405	1.23852	1.23852	0.108641	1.77345	1.77345	0.607711	0.784337	0.721504	1.25504	1
cg25472353	ELMO1	0.763451	0.689372	0.797031	-1.25466	0.703211	1.24127	1.24127	0.236108	2.01576	2.01576	0.660773	0.779311	-1.28318	0.646934	0.77075	-1.29744								0.263349	1.93167	1.93167	0.732938	1.21336	1.21336	0.253235	1.96159	1.96159	0.904261	1.0703	1.0703	0.607664	0.30623	4.4882	1
cg06607696	COQ7	0.763468	0.463382	0.704342	-1.42048	0.71804	1.17087	1.17087	0.22464	1.74177	1.74177	0.603383	1.20836	1.20836	0.70638	1.09083	1.09083	0.587234	1.10403	1.10403	0.908441	1.01579	1.01579	0.947383	0.716746	1.0873	1.0873	1.00062	1.00062	0.945758	0.984446	1.01556	0.607653	0.984454	1.00962	0.962083	1
cg20923047	STRAP	0.76348	0.428441	0.703492	-1.42148	0.71804	1.17087	1.17087	0.22464	1.74177	1.74177	0.603383	1.25612	1.25612	0.994578	1.00296	1.00296								0.379776	1.47991	1.47991	0.30807	0.631922	-1.58247	0.800771	0.895828	-1.11629	0.922251	1.04339	1.04339	0.607624	1.8214	2.66452	1
cg08719515	SEMA6A	0.763487	0.267322	0.469642	-2.12792	0.623516	1.38169	1.38169	0.523503	0.66539	-1.52291	0.807327	0.852427	-1.17312	0.618205	1.38867	1.38867								0.742337	1.24059	1.24059	0.920865	0.937128	-1.06709	0.162396	2.65033	2.65033	0.968338	1.01332	1.01332	0.607613	4.10942	6.01175	1
cg20061689	TBCK	0.76352	0.491328	1.16166	1.16166	0.630681	0.901362	-1.10943	0.383112	1.21135	1.21135	0.537305	0.885206	-1.12968	0.78286	1.06101	1.06101								0.262163	1.28486	1.28486	0.866771	0.964645	-1.03665	0.684076	0.916032	-1.09166	0.238256	1.3032	1.3032	0.607568	0.442243	0.647014	1
cg16400999	ZNF383;MIR1258	0.763529	0.276299	0.681918	1.46645	0.489915	1.07076	0.545486	1.22967	0.813157	1.22967	0.455168	0.759414	-1.31697	0.623956	1.60305	1.60305								0.175457	0.64048	-1.56218	0.561792	1.02905	-1.03184	0.972116	1.03934	0.83692	1.19282	0.932692	-1.07217	0.607561	1.0982	1.60909	1
cg02391400	MTR	0.763529	0.754006	0.89969	1.09969	0.738301	0.903608	1.10667	0.719314	1.11525	1.11525	0.982112	0.993246	-1.0068	0.76896	0.914811	-1.09312								0.830315	1.06702	1.06702	0.0603192	1.89724	1.89724	0.897448	1.03975	1.03975	0.817491	1.07238	1.07238	0.607555	0.879263	1.28641	1
cg09252805	ZBTB40;ZBTB40	0.763539	0.616084	0.902102	-1.10852	0.339303	0.818146	-1.22228	0.458601	0.857442	-1.16626	0.830746	0.957315	-1.04459	0.770704	0.94218	-1.06137								0.094104	0.687498	-1.45455	0.298152	0.802768	-1.24569	0.56315	0.887696	-1.12651	0.983413	0.995264	-1.00476	0.607554	0.399629	0.584695	1
cg19344020	RCHY1	0.763543	0.202259	0.771914	1.29599	0.25548	0.708325	-1.41151	0.604042

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg00663739	ARID4B;ARID4B	0.764362	0.200326	0.70139	-1.42574	0.327248	0.767074	-1.30366	0.47885	1.20776	1.20776	0.76156	0.923306	-1.08307	0.863798	1.04605	1.04605	0.929735	1.02339	1.02339	0.811576	1.06462	1.06462	0.822724	0.942861	-1.0606	0.325655	1.30487	1.30487	0.606387	0.660245	0.967839	1
cg09076012	NOV	0.764371	0.685786	1.07922	1.07922	0.954119	1.01084	1.01084	0.668314	1.08415	1.08415	0.270945	1.23967	1.23967	0.675708	1.08206	1.08206	0.306489	1.21952	1.21952	0.214051	1.2779	1.2779	0.667249	0.922124	-1.08445	0.240977	1.25872	1.25872	0.606375	0.337441	0.494657	1
cg06671450	PAX5	0.764378	0.930369	0.975968	-1.02462	0.466022	1.22934	1.22934	0.881692	1.04232	1.04232	0.27469	1.37208	1.37208	0.945747	1.01912	1.01912	0.353853	1.30408	1.30408	0.567494	0.851421	-1.17451	0.148426	1.53947	1.53947	0.78887	1.07756	1.07756	0.606365	0.743968	1.09061	1
cg06769116	ZNF238;ZNF238	0.764388	0.422811	0.630409	-1.58627	0.343036	0.576668	-1.7341	0.608471	1.33799	1.33799	0.696992	1.24672	1.24672	0.288585	0.537492	-1.86049	0.728368	0.821618	-1.21711	0.551849	0.712327	-1.40385	0.220213	0.483645	-2.06763	0.781463	1.16967	1.16967	0.606351	3.04978	4.47087	1
cg19422191	C19orf40;C19orf40;CCDC123	0.764388	0.268861	0.829871	-1.20501	0.986354	1.00277	1.00277	0.622738	0.922837	-1.08361	0.433553	0.878613	-1.13816	0.202934	1.24317	1.24317	0.539772	0.90436	-1.10575	0.692249	0.937608	-1.06654	0.50724	0.896773	-1.11511	0.68935	0.937002	-1.06723	0.606351	0.251841	0.36919	1
cg00405568	NMT1;DCAKD	0.764394	0.582186	1.20722	1.20722	0.651566	1.16657	1.16657	0.157914	1.66808	1.66808	0.603994	1.19403	1.19403	0.905961	1.04086	1.04086	0.433089	1.31142	1.31142	0.353701	0.723693	-1.3818	0.459735	1.29059	1.29059	0.773266	0.90674	-1.10285	0.606343	1.10296	1.61692	1
cg15104702	PRKAR2B	0.764397	0.924644	0.898842	-1.11254	0.914354	0.885789	-1.12894	0.788448	1.35428	1.35428	0.684198	0.630435	-1.58621	0.322802	0.314442	-3.18024	?	?	?	?	?	?	0.27286	3.64857	3.64857	0.422748	2.52446	2.52446	0.566655	8.6828	15.3229	1
cg00957516	CADM3;CADM3	0.764415	0.736734	0.953598	-1.04866	0.188852	1.21656	1.21656	0.261452	1.17929	1.17929	0.918997	1.01443	1.01443	0.463791	1.11072	1.11072	0.930414	1.01237	1.01237	0.708304	0.948452	-1.05435	0.981157	1.00333	1.00333	0.264859	1.17779	1.17779	0.606314	0.190418	0.279163	1
cg24845734	MRPL12	0.764427	0.664845	1.09131	1.09131	0.68838	0.922363	-1.08417	0.359777	1.20773	1.20773	0.211495	1.30196	1.30196	0.411108	0.844945	-1.18351	0.875682	0.969103	-1.03188	0.531324	0.880636	-1.13554	0.765281	1.06186	1.06186	0.453139	1.16556	1.16556	0.606296	0.385865	0.565716	1
cg05073171	NCRNA00087	0.764429	0.158772	0.177198	-5.64339	0.557022	0.505421	-1.97855	0.514613	0.468042	-2.13656	0.402194	2.67774	2.67774	0.904523	1.14781	1.14781	0.317653	0.305228	-3.27624	0.911908	1.13558	1.13558	0.857176	1.22994	1.22994	0.902686	1.15088	1.15088	0.606293	12.6738	18.5811	1
cg24883795	MFSD3;MFSD3	0.764458	0.538689	1.36711	1.36711	0.277998	1.76245	1.76245	0.31286	1.68948	1.68948	0.418972	1.51415	1.51415	0.436721	1.4897	1.4897	0.183457	2.03192	2.03192	0.749575	1.17454	1.17454	0.763754	1.16349	1.16349	0.214731	1.92727	1.92727	0.606253	2.42308	3.55273	1
cg15844687	POR	0.764467	0.919632	0.970614	-1.03028	0.254571	1.42129	1.42129	0.322388	1.35269	1.35269	0.410049	0.779599	-1.28271	0.223588	1.4592	1.4592	0.928376	0.97378	-1.02693	0.545538	1.19816	1.19816	0.837603	1.06253	1.06253	0.899553	1.03803	1.03803	0.60624	0.838574	1.22954	1
cg26882593	C16orf75	0.764481	0.951505	1.0145	1.0145	0.299826	1.28967	1.28967	0.977598	0.993374	-1.00667	0.534866	1.16044	1.16044	0.113344	1.50372	1.50372	0.725003	0.91978	-1.08722	0.924405	0.97778	-1.02272	0.581198	0.876418	-1.14101	0.882124	1.03575	1.03575	0.60622	0.538188	0.789135	1
cg20460761	PUS7L;PUS7L;PUS7L;IRAK4;IRAK4;PUS7L;IRAK4;IRAK4;IRAK4	0.764487	0.271483	0.4851	-2.06143	0.696114	0.780333	-1.2815	0.496699	0.646561	-1.54664	0.567869	0.694316	-1.44027	0.458026	0.620311	-1.6121	0.375967	0.563176	-1.77564	0.103177	0.324181	-3.0847	0.415897	0.591283	-1.69124	0.56812	0.694483	-1.43992	0.606211	3.83391	5.62167	1
cg11491436	MAPK10	0.764497	0.347491	0.504645	-1.98159	0.0850414	0.260203	-3.84316	0.861801	0.884096	-1.1311	0.533339	0.640152	-1.56213	0.394437	0.539733	-1.85277	0.996191	0.996631	-1.00338	0.580854	0.674166	-1.48331	0.634646	0.712875	-1.40277	0.934345	1.05998	1.05998	0.606198	4.79897	7.03689	1
cg05388101	ZNF276;C16orf7;ZNF276;ZNF276	0.764504	0.185784	0.705787	-1.41686	0.487796	0.8394	-1.19133	0.382845	0.800706	-1.2489	0.792444	1.06769	1.06769	0.859272	1.04506	1.04506	0.605592	0.878648	-1.13811	0.248255	0.740987	-1.34955	0.801457	0.939339	-1.06458	0.286187	0.759509	-1.31664	0.606188	0.592198	0.868374	1
cg02152120	SPAG17;SPAG17	0.76451	0.164895	26.8768	26.8768	0.991493	0.976595	-1.02397	0.893955	1.34485	1.34485	?	?	?	?	?	?	?	?	?	?	?	?	0.795527	0.56163	-1.78053	0.947981	1.15598	1.15598	0.50684	22.0083	69.4763	1
cg03933324	CACNA1I;CACNA1I	0.764515	0.707008	1.10484	1.10484	0.53104	1.18239	1.18239	0.619844	1.14115	1.14115	0.719054	1.10007	1.10007	0.692768	0.900459	-1.11054	0.781508	1.07617	1.07617	0.112826	1.57729	1.57729	0.369056	0.783816	-1.27581	0.946982	1.01771	1.01771	0.606173	0.669282	0.981431	1
cg19546700	ARID3A	0.76452	0.592152	0.864842	-1.15628	0.964223	1.01212	1.01212	0.665295	0.889696	-1.12398	0.694049	1.112	1.112	0.250304	0.72428	-1.38068	0.552146	0.850859	-1.17528	0.803021	0.935091	-1.06941	0.28426	0.741786	-1.3481	0.283879	1.34844	1.34844	0.606166	0.692207	1.01506	1
cg08873628	KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.764556	0.429481	0.714088	-1.40039	0.0844418	0.450708	-2.21873	0.742849	0.871567	-1.14736	0.590641	0.797134	-1.25449	0.688141	0.844958	-1.18349	0.921711	0.959786	-1.0419	0.546721	0.775182	-1.29002	0.271278	0.619898	-1.61317	0.940581	0.969353	-1.03162	0.606115	1.67353	2.4543	1
cg21809331	RBM28;RBM28	0.764557	?	?	?	0.505438	0.629853	-1.58767	0.941544	0.951068	-1.05145	0.735292	1.2613	1.2613	0.318765	2.02364	2.02364	0.976655	1.02022	1.02022	0.145402	2.91398	2.91398	0.73157	0.790125	-1.26562	0.93583	1.05663	1.05663	0.589237	3.88206	6.58829	1
cg08711067	RAB19	0.764569	0.931739	1.03189	1.03189	0.669602	1.17034	1.17034	0.155833	0.573243	-1.74446	0.62045	1.20074	1.20074	0.790564	0.907064	-1.10246	0.509589	0.782587	-1.27781	0.869282	1.06222	1.06222	0.302936	0.676352	-1.47852	0.557814	1.24261	1.24261	0.606097	1.28909	1.89055	1
cg24513381	PRRX1;PRRX1	0.764589	0.249642	0.332696	-3.00575	0.815147	0.807172	-1.23889	0.808296	1.249	1.249	0.732298	1.36899	1.36899	0.187077	0.278292	-3.59335	0.95495	0.949637	-1.05303	0.733177	0.731253	-1.36752	0.743409	0.74048	-1.35047	0.205811	0.294994	-3.3899	0.606069	8.03111	11.7788	1
cg17356036	HDAC4	0.764592	0.96987	0.978444	-1.02203	0.821037	1.13965	1.13965	0.649268	1.30233	1.30233	0.479608	1.5138	1.5138	0.801303	0.864602	-1.1566	0.379941	0.594737	-1.68142	0.357516	0.5793	-1.72622	0.174621	0.434718	-2.30034	0.695541	1.25472	1.25472	0.606065	3.19507	4.68607	1
cg14103574	MAT2B;MAT2B	0.764629	0.56859	1.1458	1.1458	0.501988	1.17461	1.17461	0.470537	0.840815	-1.18932	0.689239	1.09959	1.09959	0.202415	1.37419	1.37419	0.78116	1.06799	1.06799	0.278483	0.766319	-1.30494	0.709098	1.09255	1.09255	0.977102	1.0068	1.0068	0.606013	0.535427	0.785354	1
cg26302009	PHACTR1	0.764649	0.724818	1.18498	1.18498	0.976838	1.01404	1.01404	0.209908	0.530173	-1.88618	0.86421	1.08567	1.08567	0.232384	1.8247	1.8247	0.39471	1.51986	1.51986	0.477546	1.41452	1.41452	0.850868	1.0946	1.0946	0.815837	0.894013	-1.11855	0.605985	2.21325	3.24651	1
cg21940875	FLJ42709;FLJ42709	0.764652	0.485568	1.18548	1.18548	0.692826	0.909074	-1.10002	0.518406	1.17023	1.17023	0.228628	1.35442	1.35442	0.164666	1.42753	1.42753	0.550613	1.15603	1.15603	0.896619	0.969269	-1.03171	0.648934	1.11633	1.11633	0.366031	1.2498	1.2498	0.60598	0.553299	0.811612	1
cg05795554	FANCA;FANCA	0.764653	0.355529	2.59845	2.59845	0.974569	0.968612	-1.0324	0.263378	3.23469	3.23469	0.692517	1.48874	1.48874	0.378897	2.47607	2.47607	0.340798	0.372842	-2.6821	0.870382	0.849256	-1.1775	0.901176	1.13235	1.13235	0.538297	0.535509	-1.86738	0.603122	9.359	12.0692	1
cg04061482	DOCK11	0.76466	0.200947	0.398239	-2.51106	0.683884	0.756503	-1.32187	0.73179	0.790948	-1.26431	0.269592	2.18951	2.18951	0.80265	0.843077	-1.18613	0.276137	0.461996	-2.16452	0.597584	0.695498	-1.43782	0.930533	0.942298	-1.06124	0.94434	1.04875	1.04875	0.605969	4.45941	6.54146	1
cg03037033	KDM3A;KDM3A	0.764671	0.431521	2.31399	2.31399	0.240244	3.63301	3.63301	0.519719	1.97644	1.97644	0.601777	0.577372	-1.73199	0.721743	0.68882	-1.45176	0.508687	2.01374	2.01374	0.640298	0.61212	-1.63367	0.838341	0.808267	-1.23721	0.381933	0.391483	-2.55439	0.603096	10.1486	13.0881	1
cg01090089	GRID2IP	0.764682	0.282472	0.803784	-1.24412	0.133845	1.37191	1.37191	0.767471	1.05971	1.05971	0.747712	0.938833	-1.06515	0.978405	0.99472	-1.00531	0.683513	1.08346	1.08346	0.601228	0.902008	-1.10864	0.728853	1.07043	1.07043	0.864	1.0341	1.0341	0.605938	0.367069	0.538476	1
cg21179956	GPR101	0.764683	0.213956	0.297237	-3.36432	0.936487	0.92877	-1.07669	0.974989	0.97135	-1.02949	0.370362	2.34647	2.34647	0.854362	1.18574	1.18574	0.186401	0.272867	-3.66478	0.750751	0.744175	-1.34377	0.735434	1.36952	1.36952	0.88597	0.875427	-1.1423	0.605937	8.25004	12.1025	1
cg19638845	EEF1B2;EEF1B2;EEF1B2;NDUFS1	0.764692	0.55737	0.810872	-1.23324	0.586814	1.21393	1.21393	0.98361	1.00728	1.00728	0.198971	0.619084	-1.61529	0.665537	1.16608	1.16608	0.746443	0.89171	-1.12144	0.881593	1.05407	1.05407	0.613681	1.19703	1.19703	0.233332	1.55499	1.55499	0.605924	1.19775	1.75709	1
cg25539589	DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A	0.764714	0.994583	0.997929	-1.00208	0.165284	0.636397	-1.57135	0.326301	0.733838	-1.3627	0.870599	1.05104	1.05104	0.962081	1.01462	1.01462	0.393324	0.765667	-1.30605	0.511926	0.816181	-1.22522	0.742269	1.10602	1.10602	0.493037	1.23687	1.23687	0.605894	0.89478	1.3127	1
cg11976222	BAHCC1	0.764726	0.550469	0.538158	-1.85819	0.301545	2.99783	2.99783	0.968379	1.0415	1.0415	0.867851	1.18626	1.18626	0.627513	0.605597	-1.65126	0.260928	0.30041	-3.32879	0.217053	0.263905	-3.78925	0.81389	0.785148	-1.27365	0.65133	0.627116	-1.5946	0.605876	10.0953	14.8109	1
cg02294570	WDR66	0.764727	0.946685	1.009	1.009	0.757151	1.04242	1.04242	0.68059	0.946071	-1.057	0.266202	1.16784	1.16784	0.32405	1.14614	1.14614	0.919758	1.01359	1.01359	0.208237	1.19446	1.19446	0.555693	0.923281	-1.08309	0.440964	1.11098	1.11098	0.605875	0.172116	0.252515	1
cg22698031	CAMK2A;CAMK2A	0.76473	0.801665	0.955438	-1.04664	0.72661	1.06564	1.06564	0.595354	0.907484	-1.10195	0.250134	1.24316	1.24316	0.266299	1.2334	1.2334	0.469215	1.14266	1.14266	0.238385	1.25064	1.25064	0.786193	1.05048	1.05048	0.803794	0.955918	-1.04611	0.605871	0.314749	0.461776	1
cg04939496	PLAU;PLAU	0.764731	0.296302	0.736316	-1.35811	0.98357	0.994196	-1.00584	0.824589	0.939181	-1.06476	0.926456	0.974241	-1.02644	0.366908	0.76951	-1.29953	0.995534	0.998419	-1.00158	0.137818	1.57096	1.57096	0.951928	0.983103	-1.01719	0.927599	0.974638	-1.02602	0.605869	0.76666	1.12479	1
cg05600126	ABR;ABR;ABR	0.764741	0.740456	0.846392	-1.18149	0.580281	1.32341	1.32341	0.747809	0.850573	-1.17568	0.418875	1.51345	1.51345	0.133964	0.44448	-2.24982	0.666973	0.804782	-1.24257	0.867556	1.08734	1.08734	0.481162	1.43222	1.43222	0.762993	0.859223	-1.16384	0.605856	2.41507	3.5433	1
cg14753385	SHANK2;SHANK2	0.764742	0.872217	0.916664	-1.09091	0.369991	1.64488	1.64488	0.726379	1.20915	1.20915	0.643597	1.28641	1.28641	0.445996	0.657091	-1.52186	0.196446	2.09242	2.09242	0.326048	1.73004	1.73004	0.716156	0.820867	-1.21822	0.742509	0.836765	-1.19508	0.605855	2.8039	4.11378	1
cg11854871	RBM15	0.764754	0.346289	1.15255	1.15255	0.484103	0.901143	-1.1097	0.418707	1.12858	1.12858	0.709329	0.946663	-1.05634	0.541938	0.913589	-1.09458	0.482035	1.11027	1.11027	0.212667	1.21184	1.21184	0.936276	1.01177	1.01177	0.95173	1.0089	1.0089	0.605837	0.205608	0.30167	1
cg11092616	RIMS1	0.764758	0.777031	0.93568	-1.06874	0.51013	1.16934	1.16934	0.287385	1.29519	1.29519	0.153409	1.43039	1.43039	0.519514	1.1652	1.1652	0.83622	1.04967	1.04967	0.691802	1.09779	1.09779	0.252976	1.32258	1.32258	0.861704	0.959993	-1.04167	0.605832	0.526104	0.771909	1
cg26738114	DONSON	0.764772	0.766181	1.04117	1.04117	0.806749	1.03371	1.03371	0.274066	1.16646	1.16646	0.208245	1.19661	1.19661	0.54976	1.08532	1.08532	0.557845	0.922947	-1.08349	0.421578	0.894874	-1.11748	0.512337	1.09407	1.09407	0.942488	0.990286	-1.00981	0.605813	0.175613	0.257671	1
cg17483410	DPM3;DPM3	0.764773	0.394266	1.7039	1.7039	0.686692	1.2801	1.2801	0.317458	0.531518	-1.8814	0.760218	1.20485	1.20485	0.338522	1.82783	1.82783	0.329569	0.540517	-1.85008	0.731006	0.810487	-1.23383	0.642465	0.752164	-1.3295	0.83301	1.13713	1.13713	0.602951	3.46151	4.46517	1
cg04365202	LHX9;LHX9	0.764777	0.884592	1.15954	1.15954	0.491888	0.490928	-2.03696	0.683335	0.658367	-1.51891	0.442184	2.22253	2.22253	0.502675	0.499921	-2.00031	0.633497	1.63162	1.63162	0.616152	0.597419	-1.67387	0.149962	4.82108	4.82108	0.874163	1.17531	1.17531	0.605806	9.96607	14.623	1
cg00086297	BTBD12	0.764783	?	?	?	0.402806	2.63109	2.63109	0.701535	1.54324	1.54324	0.776272	0.725483	-1.37839	0.63429	1.7163	1.7163	0.482139	2.23968	2.23968	0.517611	2.09623	2.09623	0.278917	0.279398	-3.57912	0.361459	2.88828	2.88828	0.586497	10.2465	15.2868	1
cg24555656	TAF6;TAF6;TAF6;CNPY4;CNPY4;TAF6	0.76481	0.561325	0.861356	-1.16096	0.403982	1.24234	1.24234	0.812814	0.941502	-1.06213	0.476334	0.831913	-1.20205	0.642296	0.887927	-1.12622	0.630335	1.13113	1.13113	0.269512	0.746624	-1.33936	0.494985	0.83855	-1.19254	0.371763	1.26242	1.26242	0.605759	0.619494	0.909044	1
cg04522984	ANK2;ANK2;ANK2	0.764813	0.322265	0.549754	-1.81899	0.503054	0.671882	-1.48836	0.954811	1.03371	1.03371	0.765701	1.19109	1.19109	0.223481	0.473136	-2.11356	0.267191	0.508466	-1.9667	0.461434	0.644871	-1.5507	0.810876	1.15059	1.15059	0.636516	1.3212	1.3212	0.605754	3.28461	4.81986	1
cg17961200	CEL	0.764826	0.693106	0.664101	-1.50579	0.144468	5.04137	5.04137	0.157685	4.75422	4.75422	0.964828	0.955515	-1.04656	0.912589	0.892866	-1.11999	0.972056	0.964498	-1.03681	0.984998	1.01959	1.01959	0.890478	0.867466	-1.15278	0.967094	1.04349	1.04349	0.605737	10.2165	14.9923	1
cg26188814	MAEA;MAEA	0.764853	0.256835	1.2798	1.2798	0.267548	0.786028	-1.27222	0.945697	0.985901	-1.0143	0.68205	0.917719	-1.08966	0.880804	0.969205	-1.03177	0.971725	1.00742	1.00742	0.284851	1.26058	1.26058	0.643316	1.10209	1.10209	0.627023	0.90296	-1.10747	0.605698	0.416844	0.611737	1
cg16527444	SVOPL	0.76488	0.950855	0.983541	-1.01673	0.391474	1.26669	1.26669	0.322328	0.759362	-1.31689	0.343847	1.30025	1.30025	0.552321	0.850543	-1.17572	0.669484	0.890815	-1.12257	0.435262	1.23904	1.23904	0.507869	0.834535	-1.19827	0.64668	1.13232	1.13232	0.605661	0.695441	1.02065	1
cg15986529	PTGFRN	0.764892	0.382118	1.65383	1.65383	0.287838	1.85775	1.85775	0.278478	1.88228	1.88228	0.38939	1.64061	1.64061	0.259831	1.93425	1.93425	0.329536	1.75906	1.75906	0.233561	2.01573	2.01573	0.796929	1.15573	1.15573	0.606835	1.33822	1.33822	0.605644	3.02169	4.43486	1
cg09092093	PDE4D;PDE4D;PDE4D	0.764895	0.804193	0.875638	-1.14202	0.468934	1.48278	1.48278	0.934763	1.04474	1.04474	0.985022	1.01009	1.01009	0.94951	1.03443	1.03443	0.403927	0.63344	-1.57868	0.133724	0.421184	-2.37426	0.642078	1.28434	1.28434	0.506708	1.43355	1.43355	0.60564	2.74153	4.02371	1
cg11298144	PLEKHG4B	0.7649	0.514847	1.27493	1.27493	0.886526	0.948842	-1.05392	0.835958	0.926581	-1.07924	0.912436	1.04128	1.04128	0.0882483	0.500684	-1.99727	0.860224	0.937235	-1.06697	0.499119	1.28702	1.28702	0.972108	0.987224	-1.01294	0.774361	1.1115	1.1115	0.605633	1.29734	1.90411	1
cg10073571	RHBDD1;RHBDD1	0.764909	0.969274	0.991922	-1.00814	0.836456	0.957408	-1.04449	0.243637	0.773454	-1.2929	0.764903	0.9388	-1.06519	0.440533	1.18014	1.18014	0.302148	1.25244	1.25244	0.418197	1.19029	1.19029	0.425033	1.18713	1.18713	0.892499	0.971929	-1.02888	0.605621	0.425305	0.624234	1
cg22456132	LOC729156	0.764925	0.658272	1.33334	1.33334	0.802951	0.85079	-1.17538	0.53084	1.50729	1.50729	0.897407	1.08695	1.08695	0.716844	0.790254	-1.26542	0.129425	0.346844	-2.88314	0.799946	0.848642	-1.17835	0.948513	0.959122	-1.04262	0.321585	1.93834	1.93834	0.605598	4.00636	5.88048	1
cg10542672	HLA-B	0.764934	0.565486	0.654284	-1.52839	0.603195	1.46657	1.46657	0.283174	0.442986	-2.25741	0.477388	0.59008	-1.69469	0.682313	1.35054	1.35054	0.320846	0.472864	-2.11477	0.747866	1.26555	1.26555	0.57915	1.50543	1.50543	0.436759	1.78477	1.78477	0.605585	5.11371	7.50599	1
cg12606399	CTH;CTH	0.76494	0.469942	1.11333	1.11333	0.916487	1.01544	1.01544	0.528173	1.09783	1.09783	0.31259	1.1648	1.1648	0.485619	1.10902	1.10902	0.909648	0.983558	-1.01672	0.381721	0.8772	-1.13999	0.638255	0.93318	-1.0716	0.322921	0.861473	-1.1608	0.605577	0.20456	0.300261	1
cg04595393	BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9;BHLHB9	0.764973	0.412105	0.197442	-5.06478	0.869086	0.726798	-1.3759	0.420692	0.203641	-4.91061	0.174552	16.3426	16.3426	0.6112	2.69602	2.69602	0.867339	0.723675	-1.38184	0.537804	0.299132	-3.343	0.684338	0.453522	-2.20497	0.516084	0.27977	-3.57437	0.60553	35.8899	52.6847	1
cg03723481	MAD1L1;MAD1L1;MAD1L1	0.764982	0.604018	0.716599	-1.39548	0.872847	0.90302	-1.1074	0.711177	1.26729	1.26729	0.544193	0.676404	-1.47841	0.435281	0.60231	-1.66027	0.19666	0.419184	-2.38559	0.306239	0.509318	-1.96341	0.285069	0.493023	-2.0283	0.296152	0.501604	-1.9936	0.605517	3.89022	5.71077	1
cg11122195	FAM134C;FAM134C	0.765006	0.626774	1.29196	1.29196	0.0715533	0.349295	-2.86291	0.728363	0.833387	-1.19992	0.569414	0.740402	-1.35062	0.880897	0.924618	-1.08153	0.830971	0.894277	-1.11822	0.755468	0.84933	-1.1774	0.892228	1.07343	1.07343	0.525498	0.714406	-1.39976	0.605485	2.62035	3.84684	1
cg04775889	LOC283392;TRHDE;LOC283392	0.765019	0.550908	0.89233	-1.12066	0.945772	0.98724	-1.01293	0.450335	0.864836	-1.15629	0.742205	0.939584	-1.0643	0.414005	1.17076	1.17076	0.709611	0.931816	-1.07317	0.516878	1.1321	1.1321	0.349354	0.8337	-1.19947	0.26458	1.24549	1.24549	0.605465	0.341797	0.501794	1
cg25329269	GKAP1;GKAP1	0.765033	0.268697	1.65772	1.65772	0.928154	0.961204	-1.04036	0.507613	0.744586	-1.34303	0.670605	1.20649	1.20649	0.730182	1.16405	1.16405	0.506169	1.34442	1.34442	0.952441	1.02651	1.02651	0.216258	0.564993	-1.76993	0.506197	1.34439	1.34439	0.605447	1.84594	2.71012	1
cg04340595	CLSTN1;CLSTN1	0.76505	0.612698	1.6833	1.6833	0.151427	4.79719	4.79719	0.288593	3.07662	3.07662	0.622147	1.65986	1.65986	0.684064	1.51794	1.51794	0.403092	2.39375	2.39375	0.207019	3.88644	3.88644	0.364711	2.58609	2.58609	0.757337	1.37186	1.37186	0.605422	9.9784	14.6504	1
cg02447380	RAB42	0.765053	0.975272	0.987341	-1.01282	0.906099	1.0497	1.0497	0.479694	1.34358	1.34358	0.380671	1.44717	1.44717	0.418199	1.40499	1.40499	0.116987	2.01367	2.01367	0.962428	0.980824	-1.01955	0.675775	0.84123	-1.18874	0.421981	1.40096	1.40096	0.605418	1.61998	2.37849	1
cg01998750	FRMD4B	0.765059	0.214628	0.465151	-2.14984	0.550514	0.701958	-1.42459	0.384899	0.593367	-1.6853	0.818376	1.14427	1.14427	0.336466	0.559541	-1.78718	0.622804	0.74791	-1.33706	0.187953	0.441551	-2.26474	0.517626	0.680911	-1.46862	0.853884	1.11406	1.11406	0.60541	3.29131	4.83245	1
cg05909553	RECQL4	0.765106	0.811842	1.118	1.118	0.380395	0.656494	-1.52324	0.65827	1.23146	1.23146	0.309295	1.63579	1.63579	0.166966	0.502013	-1.99198	0.832868	1.10389	1.10389	0.747044	1.16342	1.16342	0.988607	0.993344	-1.0067	0.723095	0.846707	-1.18105	0.605344	2.09736	3.07978	1
cg22584172	ZNF451;ZNF451	0.765112	0.480691	0.797246	-1.25432	0.119269	1.70643	1.70643	0.919632	1.03242	1.03242	0.793056	1.08666	1.08666	0.621535	1.17035	1.17035	0.74557	1.1084	1.1084	0.447097	0.782748	-1.27755	0.519676	1.22914	1.22914	0.981694	0.992774	-1.00728	0.605335	0.95796	1.40669	1
cg09065249	RUFY1;RUFY1;RUFY1	0.765114	0.701066	0.922215	-1.08435	0.153144	1.37872	1.37872	0.651913	0.90907	-1.10003	0.57756	1.12538	1.12538	0.994066	0.99844	-1.00156	0.815736	0.952175	-1.05023	0.981495	1.00488	1.00488	0.475175	0.858602	-1.16468	0.323439	0.807264	-1.23875	0.605333	0.422537	0.620466	1
cg17989313	C10orf47	0.765118	0.984768	1.00442	1.00442	0.331547	1.2606	1.2606	0.723708	0.921226	-1.08551	0.753955	1.07539	1.07539	0.90756	0.973505	-1.02722	0.628074	0.893287	-1.11946	0.228277	1.33954	1.33954	0.655313	0.901348	-1.10945	0.269114	0.766399	-1.3048	0.605327	0.512315	0.752306	1
cg14825372	CCDC115	0.765123	0.313129	0.545194	-1.83421	0.9744	1.01883	1.01883	0.47065	0.652652	-1.53221	0.705155	0.801699	-1.24735	0.538185	0.696012	-1.43676	0.562558	0.711486	-1.40551	0.111596	0.365103	-2.73895	0.550783	0.704018	-1.42042	0.270256	0.513013	-1.94927	0.60532	3.24104	4.75934	1
cg00034769	C14orf64	0.765133	0.711501	0.830124	-1.20464	0.378519	0.635835	-1.57273	0.168271	2.08729	2.08729	0.349575	1.62027	1.62027	0.849053	0.908923	-1.1002	0.848247	0.908453	-1.10077	0.634806	0.786781	-1.271	0.739272	0.845863	-1.18222	0.688382	1.22391	1.22391	0.605307	2.408	3.53613	1
cg15576195	HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2;HTATIP2	0.76514	0.166549	0.686588	-1.45648	0.662439	1.11849	1.11849	0.555116	0.858847	-1.16435	0.544244	0.85516	-1.16937	0.440283	0.818212	-1.22218	0.420639	0.810797	-1.23335	0.226092	0.723222	-1.3827	0.422066	0.811341	-1.23253	0.742471	0.919379	-1.08769	0.605296	0.623013	0.914906	1
cg02914667	MACROD1	0.765153	0.497365	0.568069	-1.76035	0.52904	1.68779	1.68779	0.582775	1.57674	1.57674	0.97812	1.02276	1.02276	0.17836	0.309233	-3.23381	0.944249	0.944214	-1.05908	0.619632	0.663185	-1.50787	0.57647	0.629298	-1.58907	0.365364	2.1455	2.1455	0.605278	6.45795	9.48391	1
cg11968713	KISS1	0.765154	0.383748	1.31305	1.31305	0.10528	1.71548	1.71548	0.604984	1.17247	1.17247	0.955674	1.01709	1.01709	0.358666	1.33352	1.33352	0.437369	1.27327	1.27327	0.418657	1.2866	1.2866	0.852689	0.944893	-1.05832	0.635881	1.15655	1.15655	0.605277	0.891412	1.3091	1
cg24427243	TNFRSF8	0.765164	0.242625	2.45221	2.45221	0.193019	2.747	2.747	0.362734	1.98616	1.98616	0.902854	0.914323	-1.09371	0.315696	2.14039	2.14039	0.588862	1.49224	1.49224	0.985512	1.01341	1.01341	0.309565	2.1627	2.1627	0.78927	1.21713	1.21713	0.605263	5.15815	7.57526	1
cg17806401	LYN;LYN	0.765166	0.306871	0.449707	-2.22367	0.231085	2.58321	2.58321	0.419863	1.86383	1.86383	0.933175	1.06541	1.06541	0.597599	0.668692	-1.49546	0.569917	0.64804	-1.54312	0.836035	1.16949	1.16949	0.457726	0.564793	-1.77056	0.93698	1.06156	1.06156	0.605261	5.47107	8.03484	1
cg00561674	FAT3	0.765169	0.542262	0.731426	-1.36719	0.356197	1.61985	1.61985	0.364807	1.60515	1.60515	0.480286	1.43911	1.43911	0.378971	1.58181	1.58181	0.388515	1.56664	1.56664	0.981617	0.988408	-1.01173	0.617624	0.774898	-1.29049	0.554857	0.738748	-1.35364	0.602383	2.39193	3.08839	1
cg03863149	ZNF644;ZNF644;ZNF644	0.765177	0.72629	0.913979	-1.09412	0.485797	0.834219	-1.19873	0.742366	0.919042	-1.08809	0.998498	0.999518	-1.00048	0.261882	0.741248	-1.34908	0.442521	0.818406	-1.22189	0.946779	1.01723	1.01723	0.115644	0.645516	-1.54915	0.70789	1.10112	1.10112	0.605245	0.627861	0.922104	1
cg19882516	VPS13B;VPS13B;VPS13B;VPS13B	0.76518	?	?	?	0.682634	1.25888	1.25888	0.956674	0.970033	-1.03089	0.215636	2.07474	2.07474	0.382826	1.65069	1.65069	0.709061	1.23355	1.23355	?	?	?	0.582758	0.732925	-1.3644	?	?	?	0.540829	1.79093	4.41527	1
cg17430821	SLC39A11;SLC39A11	0.765198	0.850582	1.10645	1.10645	0.580016	1.3496	1.3496	0.247164	0.522539	-1.91373	0.713125	0.820308	-1.21905	0.320991	1.73325	1.73325	0.782109	1.16034	1.16034	0.271343	0.541055	-1.84824	0.825029	0.888014	-1.12611	0.672768	1.25591	1.25591	0.605216	2.75782	4.05045	1
cg17962547	GPR123	0.765201	0.983969	0.993016	-1.00703	0.604329	0.833317	-1.20002	0.970322	1.01306	1.01306	0.427812	1.32628	1.32628	0.389089	0.735008	-1.36053	0.494403	1.27384	1.27384	0.141662	1.73534	1.73534	0.852915	0.937314	-1.06688	0.824827	1.08039	1.08039	0.60521	1.1662	1.71283	1
cg08241115	RHOT2	0.765205	0.880167	0.917612	-1.08979	0.105875	2.73646	2.73646	0.493003	1.48707	1.48707	0.967473	0.977028	-1.02351	0.949509	1.03675	1.03675	0.453411	0.647073	-1.54542	0.417	1.60441	1.60441	0.7374	1.21142	1.21142	0.990494	0.993233	-1.00681	0.605205	3.11356	4.57301	1
cg13607248	DVL3	0.765217	0.525389	1.47144	1.47144	0.51931	0.675631	-1.4801	0.19135	2.30695	2.30695	0.462824	0.63835	-1.56654	?	?	?	0.980632	0.985565	-1.01465	0.599725	0.727875	-1.37386	0.761617	1.20001	1.20001	0.698913	0.792169	-1.26236	0.585866	2.89687	4.32652	1
cg15394393	LHPP;LHPP	0.765221	0.559924	0.775769	-1.28904	0.916186	0.955671	-1.04638	0.442877	0.71392	-1.40072	0.684609	0.838712	-1.1923	0.107712	0.469512	-2.12987	0.484829	0.736572	-1.35764	0.816646	0.904806	-1.10521	0.439441	1.40443	1.40443	0.988085	1.00645	1.00645	0.605183	1.77811	2.61168	1
cg10182151	AGPAT4	0.765226	0.220341	0.378552	-2.64164	0.851591	0.868328	-1.15164	0.635087	0.697401	-1.43389	0.945125	0.949432	-1.05326	0.146616	0.308973	-3.23653	0.394476	0.518156	-1.92992	0.288642	0.435883	-2.29419	0.760708	0.794322	-1.25894	0.429602	0.544538	-1.83642	0.605176	5.44667	8.00013	1
cg27411370	KCTD9;CDCA2;CDCA2	0.765233	0.508986	1.79924	1.79924	0.487696	0.538942	-1.85549	0.223274	3.07065	3.07065	0.580514	1.6313	1.6313	?	?	?	?	?	?	0.344362	2.34886	2.34886	0.93244	1.07717	1.07717	0.670354	1.45557	1.45557	0.567356	5.37198	10.8211	1
cg05586384	RTKN2	0.765233	0.26984	0.442123	-2.26181	0.917093	1.07677	1.07677	0.798519	0.833857	-1.19925	0.831031	1.16391	1.16391	0.302076	0.46794	-2.13703	0.391734	1.86506	1.86506	0.627362	1.4155	1.4155	0.429962	1.77227	1.77227	0.540579	1.55278	1.55278	0.605166	4.83584	7.10304	1
cg12949296	RTN4IP1;QRSL1	0.76524	0.831042	1.02064	1.02064	0.992727	1.00087	1.00087	0.359632	1.09425	1.09425	0.784357	0.974109	-1.02658	0.477844	1.07145	1.07145	0.302317	1.10759	1.10759	0.510957	1.06584	1.06584	0.269628	1.11621	1.11621	0.169506	1.15022	1.15022	0.605156	0.0876554	0.128753	1
cg04103706	LPP;LPP;LPP	0.765253	0.653992	1.37375	1.37375	0.860835	0.883818	-1.13145	0.449433	1.72027	1.72027	0.670431	1.3516	1.3516	0.597466	1.45508	1.45508	0.131918	0.318378	-3.14092	0.638545	1.39515	1.39515	0.510247	1.60014	1.60014	0.777661	0.819348	-1.22048	0.605138	4.7477	6.9739	1
cg09309899	IDS;IDS;IDS	0.765278	0.32789	0.18471	-5.4139	0.810347	0.668935	-1.49491	0.83947	0.712332	-1.40384	0.242326	7.74032	7.74032	0.425247	3.90303	3.90303	0.296138	0.163374	-6.12093	0.840473	1.40082	1.40082	0.838435	0.71075	-1.40696	0.788425	1.56804	1.56804	0.605103	26.8041	39.3749	1
cg01390445	LIPH	0.765284	0.673386	0.913924	-1.09418	0.715806	0.925309	-1.08072	0.408128	0.835576	-1.19678	0.230121	1.30645	1.30645	0.99754	1.00065	1.00065	0.524698	1.14667	1.14667	0.300808	1.25561	1.25561	0.677206	0.914956	-1.09295	0.613687	0.897561	-1.11413	0.605094	0.431972	0.63457	1
cg02161011	AXIN2	0.765298	0.786989	0.888105	-1.12599	0.736301	1.15961	1.15961	0.717391	0.852783	-1.17263	0.241513	1.71107	1.71107	0.504234	0.743107	-1.3457	0.707775	1.17936	1.17936	0.792032	1.12274	1.12274	0.7144	1.17472	1.17472	0.184954	0.54012	-1.85144	0.605075	1.83944	2.70224	1
cg00651523	ZSCAN23	0.765301	0.390825	0.869625	-1.14992	0.930859	0.986308	-1.01388	0.846166	0.969612	-1.03134	0.160608	0.78811	-1.26886	0.88732	0.977727	-1.02278	0.788408	1.04366	1.04366	0.905736	0.981355	-1.019	0.22179	0.815445	-1.22632	0.536382	1.10459	1.10459	0.60507	0.241887	0.355349	1
cg13306921	SSBP3;SSBP3;SSBP3	0.765325	0.565831	0.703526	-1.42141	0.675397	1.29065	1.29065	0.70598	1.25812	1.25812	0.960261	0.970265	-1.03065	0.158045	0.400771	-2.49519	0.390594	0.586866	-1.70397	0.523428	0.67586	-1.4796	0.342801	0.553159	-1.8078	0.680407	1.28522	1.28522	0.605037	3.5171	5.16714	1
cg04863568	RABEP2;RABEP2	0.765329	0.646808	1.90267	1.90267	0.283779	4.724	4.724	0.288632	4.64556	4.64556	?	?	?	0.513359	0.396839	-2.51991	0.916921	1.1566	1.1566	0.891661	0.826952	-1.20926	0.71444	0.599062	-1.66928	0.304786	4.40065	4.40065	0.588139	16.0966	27.3687	1
cg15931943	FHIT;FHIT	0.765334	0.839187	1.04248	1.04248	0.188516	1.33015	1.33015	0.453188	1.16937	1.16937	0.698625	0.923425	-1.08292	0.999252	0.999808	-1.00019	0.475604	1.16014	1.16014	0.372342	0.828997	-1.20628	0.697165	0.923047	-1.08337	0.435444	1.17696	1.17696	0.605024	0.401758	0.590254	1
cg13879247	EPM2A;EPM2A	0.76534	0.628238	0.941327	-1.06233	0.686023	1.05165	1.05165	0.589155	1.0699	1.0699	0.370879	1.1206	1.1206	0.948996	1.00796	1.00796	0.919357	0.987529	-1.01263	0.174295	1.19612	1.19612	0.297767	1.14312	1.14312	0.542904	0.926521	-1.07931	0.605016	0.147146	0.216187	1
cg19652869	SLC30A1	0.765349	0.529049	1.1713	1.1713	0.699083	0.908181	-1.1011	0.855215	0.955722	-1.04633	0.660028	1.116	1.116	0.499529	1.18524	1.18524	0.855449	1.04625	1.04625	0.134706	0.670415	-1.49161	0.991161	0.997257	-1.00275	0.387648	0.802883	-1.24551	0.605003	0.589064	0.865471	1
cg14306344	BRSK2	0.765357	0.971323	0.994539	-1.00549	0.517607	1.10508	1.10508	0.577246	0.917802	-1.08956	0.630777	1.07655	1.07655	0.3096	0.852009	-1.1737	0.29109	0.846308	-1.1816	0.407879	0.87902	-1.13763	0.437077	0.886251	-1.12835	0.341336	0.861269	-1.16108	0.604992	0.222308	0.326627	1
cg11229160	FARS2	0.765358	0.26873	1.56399	1.56399	0.558294	1.25841	1.25841	0.711864	1.15493	1.15493	0.5812	1.2415	1.2415	0.981816	0.99119	-1.00889	0.394267	1.40325	1.40325	0.110057	1.96647	1.96647	0.338541	1.46673	1.46673	0.780085	1.1148	1.1148	0.604991	1.44442	2.12222	1
cg13214190	PIK3CG	0.765367	0.64927	1.37482	1.37482	0.830287	0.86137	-1.16094	0.191701	0.382535	-2.61414	0.524629	1.56558	1.56558	0.99837	0.99858	-1.00142	0.915098	0.928539	-1.07696	0.918174	1.07406	1.07406	0.204908	2.53443	2.53443	0.642676	0.72264	-1.38381	0.604979	4.63151	6.80502	1
cg26609398	KCTD5	0.765394	0.147567	0.472131	-2.11805	0.795996	0.882378	-1.1333	0.546624	1.34266	1.34266	0.45588	0.692947	-1.44311	0.875288	1.07881	1.07881	0.488581	0.711893	-1.4047	0.279572	0.581035	-1.72107	0.515577	0.727294	-1.37496	0.651835	0.803012	-1.24531	0.60494	2.23507	3.28417	1
cg24984423	KLHL7;KLHL7	0.765401	0.981269	1.01478	1.01478	0.304454	0.5144	-1.94401	0.983244	0.986959	-1.01321	0.582189	0.706574	-1.41528	0.372768	1.77171	1.77171	0.478383	1.5691	1.5691	0.332292	1.86857	1.86857	0.745366	0.815721	-1.22591	0.371131	1.77538	1.77538	0.60493	3.74319	5.50028	1
cg17242362	ATXN7L1;ATXN7L1	0.765402	0.882222	0.913497	-1.09469	0.099493	3.00992	3.00992	0.773998	1.19209	1.19209	0.392879	0.586156	-1.70603	0.616995	1.36032	1.36032	0.590194	1.39349	1.39349	0.932449	1.0531	1.0531	0.925165	1.05901	1.05901	0.732042	0.810777	-1.23339	0.604929	3.5684	5.24345	1
cg23516852	DGCR6;DGCR6	0.765405	0.776007	0.917872	-1.08948	0.266531	0.706257	-1.41592	0.375845	0.76107	-1.31394	0.705355	1.12088	1.12088	0.784896	1.08566	1.08566	0.715723	0.895945	-1.11614	0.638348	1.15283	1.15283	0.238733	1.44873	1.44873	0.615001	1.16456	1.16456	0.604925	0.864645	1.27053	1
cg08400019	NSUN6;NSUN6	0.765411	0.99499	1.00142	1.00142	0.638522	0.89873	-1.11268	0.759961	0.933184	-1.0716	0.697499	0.91563	-1.09214	0.415855	0.828898	-1.20642	0.610766	0.890625	-1.12281	0.748249	1.07537	1.07537	0.193816	1.36375	1.36375	0.256092	0.765281	-1.30671	0.604917	0.487851	0.716868	1
cg18146873	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.765432	0.694316	1.15677	1.15677	0.83245	1.08124	1.08124	0.835993	0.926416	-1.07943	0.502281	1.28538	1.28538	0.185911	1.67718	1.67718	0.122648	1.85291	1.85291	0.557651	1.24438	1.24438	0.47642	1.30599	1.30599	0.848072	1.07328	1.07328	0.604887	1.30234	1.9138	1
cg06483076	FAM43A	0.765436	0.976771	0.99096	-1.00912	0.588278	0.843276	-1.18585	0.889876	1.04416	1.04416	0.183099	1.5536	1.5536	0.491999	1.24317	1.24317	0.632656	0.86054	-1.16206	0.304505	1.39327	1.39327	0.382606	1.32215	1.32215	0.766097	0.911153	-1.09751	0.604881	0.931869	1.36941	1
cg00728317	MT1F	0.765443	0.109869	0.335398	-2.98153	0.425309	0.6003	-1.66583	0.431936	0.604864	-1.65326	0.23358	0.45711	-2.18766	0.46086	0.624628	-1.60095	0.576925	0.702381	-1.42373	0.700013	0.784519	-1.27467	0.534677	0.674257	-1.48311	0.939977	0.953892	-1.04834	0.604872	3.76405	5.53146	1
cg05756415	FAM134C;FAM134C;TUBG1	0.765449	0.23469	2.20548	2.20548	0.881501	1.09935	1.09935	0.603863	1.39427	1.39427	0.84442	1.13287	1.13287	0.310969	0.513945	-1.94573	0.388641	0.57063	-1.75245	0.371733	0.558585	-1.79024	0.979368	1.01656	1.01656	0.839895	0.879461	-1.13706	0.604863	3.86248	5.67619	1
cg21852721	MOBKL1A	0.765476	0.515001	1.11774	1.11774	0.608623	1.09098	1.09098	0.229168	1.23708	1.23708	0.664362	1.07638	1.07638	0.336421	1.18188	1.18188	0.417399	0.869598	-1.14996	0.951506	1.01031	1.01031	0.872203	0.973223	-1.02751	0.264613	1.21656	1.21656	0.604825	0.272292	0.400178	1
cg15026089	PQLC2;PQLC2;PQLC2	0.765498	0.462847	0.726649	-1.37618	0.466406	1.37257	1.37257	0.481107	0.736398	-1.35796	0.923552	0.959819	-1.04186	0.31452	0.641202	-1.55957	0.73419	1.15676	1.15676	0.412685	1.43026	1.43026	0.793344	1.11871	1.11871	0.305615	0.635563	-1.57341	0.604795	1.74872	2.57016	1
cg02443818	RBM33	0.765505	0.713853	0.836532	-1.19541	0.738636	0.850194	-1.1762	0.360646	0.634157	-1.5769	0.382733	1.54315	1.54315	0.152433	0.475746	-2.10196	0.685301	1.21829	1.21829	0.752005	0.85758	-1.16607	0.672325	0.813683	-1.22898	0.494478	0.714453	-1.39967	0.604785	2.24985	3.30674	1
cg01052805	EPN2;EPN2;EPN2	0.765508	0.483862	1.96458	1.96458	0.123671	4.86763	4.86763	0.363938	2.42421	2.42421	0.932864	1.08325	1.08325	0.900258	1.12638	1.12638	0.804287	0.790058	-1.26573	0.705934	1.43301	1.43301	0.512801	0.532603	-1.87757	0.698534	0.691161	-1.44684	0.604781	8.62822	12.6815	1
cg09366145	VARS	0.765516	0.680977	1.09124	1.09124	0.138108	1.40106	1.40106	0.997414	1.00068	1.00068	0.922926	1.02065	1.02065	0.623355	0.900732	-1.11021	0.561449	1.13203	1.13203	0.242452	1.29483	1.29483	0.378688	1.21017	1.21017	0.598123	1.1189	1.1189	0.604769	0.427294	0.628037	1
cg13676665	RAB23;RAB23	0.765521	0.360127	0.791817	-1.26292	0.481956	0.837513	-1.19401	0.294166	0.763415	-1.3099	0.830667	0.948255	-1.05457	0.644809	0.891217	-1.12206	0.266716	1.33255	1.33255	0.612261	1.1352	1.1352	0.477859	0.836076	-1.19606	0.88065	0.96341	-1.03798	0.604762	0.589582	0.866578	1
cg02902865	DHRS3	0.765524	0.870551	1.11383	1.11383	0.540342	1.50641	1.50641	0.403626	0.568419	-1.75927	0.9926	0.993889	-1.00615	0.645316	1.35846	1.35846	0.166787	2.64944	2.64944	0.556229	1.48202	1.48202	0.313904	1.99059	1.99059	0.687275	0.765299	-1.30668	0.604757	4.1847	6.15079	1
cg06569121	RNF5P1	0.765544	0.405797	0.677865	-1.47522	0.235846	0.566713	-1.76456	0.336492	0.635699	-1.57307	0.727815	0.852376	-1.17319	0.474939	0.717377	-1.39397	0.439859	0.697584	-1.43352	0.320389	0.625397	-1.59898	0.306309	0.616197	-1.62286	0.608957	1.26601	1.26601	0.60473	2.00158	2.94211	1
cg25971038	RPL32;RPL32;RPL32	0.765555	0.596697	1.2436	1.2436	0.152687	1.86883	1.86883	0.219146	1.69481	1.69481	0.437812	1.38141	1.38141	0.626171	1.22191	1.22191	0.296435	1.55576	1.55576	0.391055	1.43157	1.43157	0.686438	1.1802	1.1802	0.387182	1.436	1.436	0.604714	1.59619	2.3463	1
cg08260763	PMM2;TMEM186	0.765555	0.848303	1.23859	1.23859	0.184724	4.88365	4.88365	0.238879	4.00617	4.00617	0.485419	0.452097	-2.21192	0.77027	1.38717	1.38717	0.969282	0.957893	-1.04396	?	?	?	0.921191	0.895336	-1.1169	0.977405	0.968857	-1.03214	0.585375	10.0684	15.0499	1
cg24140030	JAM3	0.765559	0.577197	0.906655	-1.10296	0.280679	0.822744	-1.21545	0.607253	1.09441	1.09441	0.488125	1.13038	1.13038	0.337918	1.18755	1.18755	0.487745	1.13051	1.13051	0.785679	1.04857	1.04857	0.807277	0.958366	-1.04344	0.348968	1.18266	1.18266	0.604709	0.289956	0.426219	1
cg11342366	CKAP4	0.765567	0.960214	1.02558	1.02558	0.96637	1.02158	1.02158	0.120412	2.34641	2.34641	0.634552	1.27436	1.27436	0.548469	1.35992	1.35992	0.702658	0.823501	-1.21433	0.516424	1.39529	1.39529	0.560715	1.34696	1.34696	0.224989	1.90647	1.90647	0.604697	2.45506	3.60887	1
cg05467567	VPS37D	0.765568	0.382306	1.42022	1.42022	0.124944	1.91615	1.91615	0.265088	1.57578	1.57578	0.607257	1.22507	1.22507	0.877454	0.941372	-1.06228	0.71697	1.1532	1.1532	0.956678	1.0215	1.0215	0.331778	1.48002	1.48002	0.598032	1.23161	1.23161	0.604696	1.4682	2.15822	1
cg10117171	RHD;RHD	0.765573	0.26372	0.600358	-1.66567	0.112775	0.469546	-2.12972	0.632797	0.809927	-1.23468	0.646048	0.816672	-1.22448	0.546831	0.765651	-1.30608	0.94859	0.972156	-1.02864	0.964138	0.980502	-1.01989	0.488235	0.734634	-1.36122	0.294599	0.621231	-1.60971	0.604689	1.8368	2.70008	1
cg00306426	SFRS11	0.765583	0.556036	0.882895	-1.13264	0.762685	1.06539	1.06539	0.17949	0.74214	-1.34745	0.83097	0.956274	-1.04573	0.386633	1.20397	1.20397	0.782403	1.05962	1.05962	0.814423	1.05041	1.05041	0.332434	0.811287	-1.23261	0.641462	1.10306	1.10306	0.604675	0.418966	0.615891	1
cg11950778	UGT8	0.765586	0.262228	0.311783	-3.20736	0.989323	0.986748	-1.01343	0.776521	1.32806	1.32806	0.884033	1.15662	1.15662	0.408789	0.430731	-2.32164	0.3156	0.355417	-2.8136	0.230085	0.284981	-3.50901	0.312708	0.353071	-2.83229	0.972359	1.03515	1.03515	0.604671	9.51833	13.9923	1
cg14094333	KLF3;KLF3;FLJ13197	0.765591	0.600021	0.900142	-1.11094	0.66376	1.09086	1.09086	0.991591	1.0021	1.0021	0.552542	0.88739	-1.1269	0.52928	1.1351	1.1351	0.172248	1.33494	1.33494	0.338164	0.821752	-1.21691	0.644444	0.911741	-1.0968	0.802154	1.05119	1.05119	0.604664	0.378596	0.556556	1
cg03315764	TMEM200B	0.765599	0.839324	1.09762	1.09762	0.719746	0.847632	-1.17976	0.29802	1.64044	1.64044	0.997725	1.00131	1.00131	0.962467	0.978641	-1.02183	0.538259	0.751331	-1.33097	0.773599	1.14149	1.14149	0.110704	2.2198	2.2198	0.675436	1.21313	1.21313	0.604652	2.01592	2.96357	1
cg11072373	RG9MTD2;RG9MTD2;MTTP;RG9MTD2;RG9MTD2;RG9MTD2	0.765603	0.214495	0.797627	-1.25372	0.484538	0.884342	-1.13078	0.71317	1.06597	1.06597	0.543643	1.11222	1.11222	0.705193	0.936352	-1.06797	0.412057	0.864919	-1.15618	0.495503	1.12721	1.12721	0.465076	0.87929	-1.13728	0.665789	1.07809	1.07809	0.604647	0.286701	0.421479	1
cg17618939	FYB;FYB	0.765605	0.450256	0.620485	-1.61164	0.691153	0.780568	-1.28112	0.352911	0.552667	-1.80941	0.749779	1.21958	1.21958	0.38296	0.574051	-1.74201	0.658271	0.758703	-1.31804	0.236328	0.463106	-2.15933	0.683958	1.28904	1.28904	0.419779	1.6676	1.6676	0.604645	3.68551	5.41807	1
cg07197515	AKT1;AKT1	0.765611	0.95192	0.978012	-1.02248	0.151751	1.76165	1.76165	0.694497	1.15667	1.15667	0.993588	0.997041	-1.00297	0.615961	0.829882	-1.20499	0.795783	1.10035	1.10035	0.526884	1.26669	1.26669	?	?	?	0.253292	1.55259	1.55259	0.587739	1.12493	1.914	1
cg03525728	MPRIP;MPRIP	0.765615	0.716086	0.871718	-1.14716	0.213262	1.63665	1.63665	0.433301	1.35059	1.35059	0.998219	0.999161	-1.00084	0.266219	1.54564	1.54564	0.809459	0.913201	-1.09505	0.461547	1.32544	1.32544	0.895273	1.05075	1.05075	0.461049	0.754223	-1.32587	0.604631	1.3529	1.98894	1
cg13769718	TLE1	0.765627	0.892146	0.96493	-1.03634	0.353559	0.777879	-1.28555	0.55784	0.855586	-1.16879	0.963498	0.988029	-1.01212	0.746555	0.918206	-1.08908	0.328245	0.766781	-1.30415	0.694633	1.10941	1.10941	0.102705	0.625092	-1.59977	0.89869	0.967036	-1.03409	0.604614	0.663117	0.974898	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg17945419	PAX2;PAX2;PAX2;PAX2;PAX2	0.765627	1.20776	1.20776	0.1026968	1.75909	1.75909	0.7243811	1.11861	1.11861	0.8137268	1.06728	1.06728	0.5486551	1.12186	1.12186	0.1919999	1.54848	1.54848	0.883387	1.04736	1.04736	0.8824456	0.9542337	-1.04796	0.7253002	1.118217	0.6364114	0.9599914	1.41124	1
cg14003693	NFIB	0.765632	0.473653	0.540051	-1.185168	0.653626	0.6825297	-1.46499	0.388355	2.11149	2.11149	0.955132	0.953547	-1.04872	0.648537	0.678449	-1.47395	0.2509033	0.369546	-2.70602	0.277791	0.385147	-2.59641	0.346687	0.440776	-2.26873	0.782008	1.26427	1.264627	0.604607	0.843611	0.10614	1
cg14692216	GDF10	0.765662	0.338041	0.717471	-1.39378	0.68372	0.87136	-1.14763	0.126593	0.573752	-1.74291	0.947031	0.02259	1.02259	0.719536	0.885838	-1.12887	0.9268513	1.03135	1.03135	0.405801	1.33091	1.33091	0.538597	0.811141	-1.23283	0.7763398	0.9087211	-1.10046	0.6045564	1.08216	1.59109	1
cg26138821	CHORDC1;CHORDC1	0.765662	0.567134	0.701767	-1.42511	0.348995	0.554085	-1.80478	0.878853	0.910821	-1.09791	0.682253	0.777182	-1.2867	0.143167	0.385329	-2.62104	0.275282	0.499035	-2.00387	0.281091	0.503555	-1.9859	0.515939	0.665416	-1.50282	0.381556	0.577126	-1.73257	0.6045564	1.590904	5.27975	1
cg18591945	C14orf80;C14orf80;C14orf80	0.765667	0.400839	0.63533	-1.57398	0.455496	1.49324	1.493424	0.328901	1.70514	1.70514	0.931624	1.04631	1.04631	0.266051	0.542636	-1.84286	0.969101	1.02064	1.02064	0.422757	1.54022	1.54022	0.822216	0.888062	-1.12605	0.661125	0.792405	-1.26198	0.6045557	2.66417	3.91716	1
cg15241366	CDI2	0.765668	0.345548	0.283299	-3.52984	0.976799	0.962948	-1.03848	0.973145	0.957236	-1.04467	0.634104	0.536588	-1.86262	0.28288	0.25743	-4.25743	0.4416068	2.76962	2.76962	0.367065	0.302095	-3.33006	0.493556	0.46628	2.46628	0.633772	0.538259	-1.85784	0.6045566	16.1391	23.7297	1
cg08038761	MEGF8;MEGF8	0.76568	0.64958	1.0794	1.0794	0.195311	1.25708	1.25708	0.987457	1.00263	1.00263	0.350787	1.174	1.174	0.930762	0.985589	-1.01462	0.767112	0.951602	-1.05086	0.984225	0.996703	-1.00331	0.1599	1.2851	1.2851	0.546924	1.10719	1.10719	0.6045539	0.267146	0.392801	1
cg19383857	CD14;CD14	0.765684	0.635063	1.15269	1.15269	0.630709	1.14794	1.14794	0.464688	1.24537	1.24537	0.890271	0.958271	-1.04655	0.445435	0.786479	-1.27149	0.245308	1.45537	1.45537	0.357569	1.44244	1.44244	0.460925	1.26086	1.26086	0.631475	0.861371	-1.16094	0.6045534	0.912954	1.94238	1
cg19108800	BRE4;2	0.76569	0.367476	0.604226	-1.65501	0.902056	0.935194	1.069	0.143008	2.35531	2.35531	0.72477	0.824992	-1.21213	0.549017	0.718941	-1.39094	0.430351	0.645289	-1.54969	0.713989	1.2218	1.2218	0.952127	1.03321	1.03321	0.884475	0.923929	-1.08233	0.6045225	2.83562	4.16947	1
cg00622135	SHANK2;SHANK2	0.7657	0.716821	0.816022	-1.22546	0.284121	1.86093	1.86093	0.298264	1.82542	1.82542	0.2603	1.92585	1.92585	0.834832	1.1236	1.1236	0.326657	1.75984	1.75984	0.24808	1.96201	1.96201	0.750964	1.19449	1.19449	0.779036	1.17	1.17	0.6045512	2.98273	4.38588	1
cg00388894	TSPYL4	0.765701	0.61569	0.891037	-1.12208	0.916863	1.1332	1.1332	0.165637	0.902747	-1.10773	0.188734	1.37358	1.37358	0.826707	1.02525	1.02525	0.947716	1.01506	1.01506	0.183973	1.25792	1.25792	0.361156	1.24246	1.24246	1.30621	0.520756	1.15995	1.15995	0.6045509	0.497474	0.731501	1
cg10589249	KCNK4	0.765703	0.270348	2.62288	2.62288	0.804924	0.812282	-1.2311	0.489571	0.554468	-1.80353	0.694811	0.39274	1.39274	0.445026	0.519896	-1.92346	0.467269	1.86166	1.86166	0.62315	2.91377	2.91377	0.70111	1.0245	1.0245	0.88294	1.13178	1.13178	0.6045506	0.675826	0.93759	1
cg26599239	OSR1	0.765704	0.131328	0.773819	-1.29239	0.545415	0.80917	-1.10112	0.413052	0.826582	-1.54079	0.76504	0.953913	-1.04831	0.387825	0.86996	-1.14948	0.85334	0.973096	-1.02679	0.320453	0.850777	-1.1754	0.319619	0.82117	-1.21777	0.642259	0.929007	-1.07642	0.6045505	0.237214	0.34881	1
cg00953449	EIF2C2;EIF2C2	0.765729	0.33208	-1.586699	-1.75245	0.684117	1.24356	1.24356	0.728244	1.20585	1.20585	0.774511	1.1654	1.1654	0.170524	0.581423	-1.72064	0.654897	0.786828	-1.27093	0.274332	0.545452	-1.83334	0.553779	0.726743	-1.376	0.867137	0.914638	-1.09333	0.6044471	2.71868	3.99789	1
cg03438330	RAB6B	0.765738	0.481046	1.26561	1.26561	0.383177	1.34175	1.34175	0.361081	1.35707	1.35707	0.725127	1.13211	1.12311	0.658379	1.15759	1.15759	0.160944	1.63634	1.63634	0.151059	1.65871	1.65871	0.630992	1.17253	1.17253	0.576555	1.20387	1.20387	0.6045547	1.03546	1.5227	1
cg20136444	ABCF3;ABCF3	0.765751	0.483088	1.4832	1.4832	0.777258	1.16982	1.16982	0.770042	1.17423	1.17423	0.839787	1.094501	1.11845	0.484681	1.08516	1.08516	0.673258	1.481	1.481	0.633287	1.50554	1.50554	0.934838	1.34814	1.34814	1.70615	1.70615	0.6044539	2.92789	4.30576	1
cg21834860	HERPUD2	0.765804	0.849752	1.05056	1.05056	0.622719	1.13767	1.13767	0.172753	0.685638	-1.4585	0.778777	1.076	1.076	0.588951	1.15246	1.15246	0.956167	1.0144	1.0144	0.825635	0.944227	-1.05907	0.519944	1.18489	1.18489	0.237003	1.38022	1.38022	0.6045565	0.647556	0.952413	1
cg01675512	RP;23A94A;CCDC94 FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;FGF1 R1;FGFR1;FGFR1;FGFR1;FGFR1;FGFR1;F GFR1;FGFR1;FGFR1;FGFR1	0.765809	0.480171	1.10458	1.10458	0.220685	0.836573	-1.19535	0.968904	0.994612	-1.00542	0.710447	1.05304	1.05304	0.256759	1.17827	1.17827	0.771597	1.04116	1.04116	0.37061	1.13589	1.13589	0.909554	1.01586	1.01586	0.525821	1.09318	1.09318	0.6045539	0.183845	0.270399	1
cg27063138	GFRL1;FGFR1;FGFR1	0.765814	0.933074	1.04566	1.04566	0.757766	0.848359	-1.17875	0.52912	0.71253	-1.40345	0.623354	1.30099	1.30099	0.331565	1.70324	1.70324	0.458208	1.49413	1.49413	0.20822	0.49395	-2.02449	0.915634	1.05795	1.05795	0.468438	1.48015	1.48015	0.6045351	2.70478	3.97823	1
cg20655104	HEBP1	0.765826	0.591841	1.3681	1.3681	0.26635	1.95551	1.95551	0.199868	2.19074	2.19074	0.776977	0.848359	-1.17875	0.726626	0.816068	-1.22539	0.450921	1.5602	1.5602	0.254885	1.9905	1.9905	0.566103	1.39917	1.39917	0.638066	1.31571	1.31571	0.6045335	3.20958	4.72083	1
cg23500835	ST5	0.765856	0.476803	1.37295	1.37295	0.479957	1.10445	1.10445	0.764309	1.08486	1.08486	0.742994	1.04837	1.04837	0.909035	1.03096	1.03096	0.517732	1.46487	1.46487	0.159403	1.35219	1.35219	0.708522	0.908051	-1.10126	0.81152	1.01924	1.01924	0.6044292	0.647085	0.691918	1
cg09016760	NCLN	0.76586	0.767668	0.915176	-1.09269	0.974537	0.990496	-1.0096	0.613989	0.858841	-1.16436	0.644005	1.14939	1.14939	0.531856	1.20861	1.20861	0.730372	0.901668	-1.10906	0.1198	0.603519	-1.65695	0.552873	1.19677	1.19677	0.572848	1.18587	1.18587	0.604287	0.856752	1.26026	1
cg02174486	BAT2	0.765872	0.74108	0.841186	-1.1888	0.729608	0.834459	-1.19838	0.926342	0.952917	-1.04941	0.881075	1.08121	1.08121	0.114223	0.408158	-2.45003	0.615241	0.767734	-1.30253	0.929952	1.04692	1.04692	0.28288	1.78955	1.78955	0.926028	1.04963	1.04963	0.6044269	0.260334	0.323914	1
cg26777861	PDGFC	0.765874	0.715579	0.72707	-1.3856	0.642147	0.914642	-1.09332	0.715241	1.07235	1.07235	0.615587	1.10103	1.10103	0.525799	0.982337	-1.01792	0.646334	0.915688	-1.09208	0.638008	1.09456	1.09456	0.578914	1.1128	1.1128	0.520435	0.883201	-1.13225	0.6044267	0.257909	0.317722	1
cg11464064	ABL1;ABL1	0.765876	0.864598	0.950952	-1.05158	0.680077	0.887158	-1.12719	0.852287	0.946556	-1.05646	0.133096	1.612	1.612	0.241032	0.696524	-1.4357	0.843359	0.943371	-1.06003	0.798395	1.07834	1.07834	0.908948	0.966851	-1.03429	0.730522	1.10725	1.10725	0.6044264	0.830946	1.22234	1
cg29313372	GRK5	0.765896	0.356285	2.78434	2.78434	0.270099	1.37878	1.37878	0.501234	1.28802	1.28802	0.859109	1.231138	1.231138	0.186673	1.32037	-1.44308	0.918169	1.08942	1.08942	0.892042	1.13092	1.13092	0.93861	1.10868	1.10868	1.04614	1.1456	1.1456	0.6044268	0.16978	0.24757	1
cg01154046	VIM	0.765948	?	?	?	0.198584	3.20716	3.27016	0.47069	1.89642	1.89642	0.503407	1.80798	1.80798	0.556873	1.67898	1.67898	0.628818	0.653903	-1.52928	0.446257	0.523821	-1.90905	0.685545	0.701168	-1.42619	0.987527	1.01373	1.01373	0.587259	2.28794	10.7073	1
cg27157619	SEMA7A;SEMA7A;SEMA7A	0.765963	0.677205	0.801064	-1.24834	0.543223	1.38549	1.38549	0.595568	1.32823	1.32823	0.354557	1.6564	1.6564	0.691211	0.809332	-1.23559	0.356473	1.6529	1.6529	0.575654	0.741082	-1.34938	0.202804	2.03888	2.03888	0.531673	1.3989	1.3989	0.6044142	2.68627	3.95237	1
cg08276640	TBC1D4	0.765969	0.734161	0.870965	-1.14829	0.405164	1.12403	1.12403	-1.15999	0.314083	1.63924	1.63924	1.48544	1.48544	0.250311	1.03931	1.03931	0.500557	1.50255	1.50255	0.162014	1.46869	1.46869	0.921352	1.57561	1.57561	0.706314	1.57561	1.57561	0.6044264	0.136069	0.195387	1
cg18367027	C10orf79	0.76597	0.775527	0.965857	-1.03428	0.23545	1.15788	1.15788	0.3068	0.882735	-1.13284	0.477574	0.918393	-1.08886	0.686	0.953214	-1.04908	0.904153	0.985898	-1.0143	0.587234	0.937425	-1.06675	0.280747	0.876186	-1.14131	0.58947	0.937794	-1.06603	0.6044133	0.132984	0.195665	1
cg27571329	FGDY;FGDY	0.765975	0.599846	1.03195	1.03195	0.907993	1.16409	1.16409	0.626425	1.08486	1.08486	0.742994	1.04837	1.04837	0.909035	1.03096	1.03096	0.517732	1.46487	1.46487	0.159403	1.35219	1.35219	0.708522	0.908051	-1.10126	0.81152	1.01924	1.01924	0.6044292	0.647085	0.691918	1
cg03884414	GNL2;GNL2	0.765982	0.762881	0.914828	-1.0931	0.19089	1.50298	1.50298	0.548449	0.836405	-1.19559	0.481961	1.234	1.234	0.588114	1.17453	1.17453	0.418665	1.27522	1.27522	0.408101	0.779631	-1.28266	0.767936	0.916628	-1.09096	0.900498	0.963868	-1.03749	0.6044116	0.828126	1.21849	1
cg01719895	CHST12	0.765997	0.862974	1.03039	1.03039	0.540906	0.898291	-1.11323	0.584109	1.10053	1.10053	0.341116	1.18529	1.18529	0.519192	0.892943	-1.11988	0.673508	1.0762	1.0762	0.900847	0.978633	-1.02183	0.150407	1.30619	1.30619	0.541178	1.11314	1.11314	0.6044105	0.287288	0.422727	1
cg16421726	ZRANB3	0.766002	0.472949	1.11444	1.11444	0.355435	1.08155	1.08155	0.185575	0.764542	1.58409	1.58409	1.30799	1.30799	0.442694	0.960506	1.04127	0.519419	1.08924	1.08924	0.16847	1.06847	1.06847	0.885077	0.972715	-1.02805	0.398175	0.847566	-1.17985	0.6044088	0.350027	0.515049	1
cg26362078	CDH9	0.766003	0.932707	1.04624	1.04624	0.776946	1.16421	1.16421	0.47797	0.679644	-1.47135	0.800214	0.873067	-1.14539	0.904766	0.937939	-1.06617	0.815847	1.37272	1.37272	0.993906	1.0041	1.0041	0.0852562	2.769	2.769	0.795887	0.870435	-1.14885	0.6044087	2.74148	4.03398	1
cg13444528	C4orf41;RWDD4A;C4orf41	0.766005	?	?	?	0.712462	1.31852	1.31852	0.5078	?	?	?	?	?	?	?	?	0.719072	0.76295	-1.3107	0.633256	0.43369	-2.30607	0.887876	1.11139	1.11139	0.295029	2.56478	2.56478	0.538245	2.11447	2.75724	1
cg25943872	SLC16A2	0.766011	0.235687	0.410224	-2.43769	0.257451	0.42854	-2.3335	0.941361	1.05416	1.05416	0.446482	1.74436	1.74436	0.965632	1.03138	1.03138	0.280724	1.447567	-2.2343	0.579083	0.669132	-1.49447	0.8796	1.11481	1.11481	0.809766	0.841204	-1.18877	0.6040776	0.918556	1.23759	1
cg18107989	ARHGEF10 ARHGEF10;PPP2R2B;PPP2R2B;PPP2R2B;P PP2R2B;P	0.766022	0.959384	0.977309	-1.02322	0.66203	1.21925	1.21925	0.836309	1.09773	1.09773	0.438371	1.42796	1.42796	0.68491	0.832053	-1.20185	0.208062	1.81887	1.81887	0.179556	1.90118	1.90118	0.679821	1.20567	1.20567	0.578836	0.776693	-1.28751	0.6040059	1.94327	2.85957	1
cg06832272	PP2R2B;PPP2R2B;PPP2R2B	0.766027	0.88898	0.94492	-1.05829	0.790198	1.11423	1.11423	0.29106	1.55957	1.55957	0.489176	1.32975	1.32975	0.631549	0.822027	-1.2165	0.583686	1.25167	1.25167	0.327587	0.663705	-1.50669	0.330771	1.50239	1.50239	0.418276	1.39863	1.39863	0.6040052	1.57404	2.31626	1
cg24012756	VGLL4	0.766052	0.937368	0.884966	-1.13033	0.550372	1.91256	1.91256	0.120683	0.713554	-1.40158	0.712033	1.84431	1.84431	0.542354	0.607797	-1.64554	0.760705	0.949886	-1.05274	0.54113	0.833336	-1.2005	0.492729	0.889341	-1.12446	0.525253	0.897275	-1.11449	0.6040018	0.271218	0.399131	1
cg20159112	SRRM3	0.766061	0.967106	0.988808	-1.01132	0.877495	1.043	1.043	0.505351	1.20257	1.20257	0.93509	0.978015	-1.02248	0.0737158	0.580362	-1.72306	0.829625	0.942883	-1.06058	0.633015	0.876962	-1.1403	0.959787	0.986333	-1.01386	0.843056	1.05559	1.05559	0.6040005	0.712553	1.04863	1
cg20958600	C2orf67	0.766071	0.346371	0.788092	-1.26792	0.173792	0.699117	-1.43038	0.988093	0.991612	-1.00613	?	?	?	?	?	?	0.703984	1.09756	1.09756	0.920617	1.02459	1.02459	0.71834	0.915464	-1.09234	0.731851	1.09409	1.09409	0.6044208	0.404061	0.716156	1
cg15302128	SFXN2;AHL3	0.766091	0.3400098	2.29327	2.29327	0.735361	0.769453	1.07642	0.299962	0.617931	0.474471	1.00754	0.478225	1.80948	1.86948	0.468475	1.7672	1.7672	0.3994	2.50564	0.296146	0.294694	-3.39333	0.865328	1.14011	1.14011	0.880961	1.12273	1.12273	0.6039853	5.70828	8.40139	1
cg23625312	SERGEF;SERGEF	0.766121	0.891674	0.908074	-1.10123	0.324835	2.05346	2.05346	0.405384	1.82658	1.82658	0.590324	0.680704	-1.46907	0.262443	0.437405	-2.28621	0.858416	1.1347	1.1347	0.525993	1.57576	1.57576	0.756684	0.802562	-1.24601	0.440035	0.572766	-1.74591	0.6039322	4.79026	7.05059	1
cg06756217	MUC2 SEC31A;SEC31A;SEC31A;SEC31A;SEC31 A;SEC31A	0.766144	0.727407	0.8257	-1.13249	0.24352	1.24362	1.24362	0.708776	1.10263	1.10263	0.780881	1.09283	1.09283	0.904847	1.03103	1.03103	0.932266	1.09886	1.09886	0.861401	1.32601	1.32601	0.804847	1.03913	1.03913	0.884254	1.49196	1.49196	0.6038254	1.59271	1.50287	1.10219	1
cg23449874	A	0.766149	0.618884	0.769564	-1.29944	0.354433	1.64479	1.64479	0.86987	1.08941	1.08941	0.174371	0.470158	-2.13695	0.805815	0.933857	-1.07083	0.464666	0.87814	-1.14393	?	?	?	0.880348	0.920869	-1.07542	0.492605	0.694892	-1.43907	0.5847894	2.25446	3.84082	1
cg02714710	SEPHS2	0.76615	0.856479	1.03118	1.03118	0.925156	0.98419	-1.01606	0.0962402	1.36313	1.36313	0.529874	1.11398	1.11398	0.470157	1.13271	1.13271	0.65863	0.927363	-1.07833	0.689397	1.07051	1.07051	0.571986	0.907686	-1.1017	0.808576	1.04202	1.04202	0.6038881	0.275118	0.404963	1
cg22596454	MDC1;MDC1	0.766155	0.354149	0.874269	-1.14381	0.712769	1.0535	1.0535	0.266914	1.17708	1.17708	0.63616	0.935047	-1.06947	0.195076	1.2131	1.2131	0.810745	1.03439	1.03439	0.646932	1.06559	1.06559	0.816617	0.967788	-1.03128	0.969553	1.00539	1.00539	0.6038373	0.190014	0.279697	1
cg24289501	IFT81;IFT81;IFT81;IFT81;IFT81;IFT81	0.766157	0.59715	0.929387	-1.07559	0.704108	0.844281	-1.18444	0.615705	0.921693	1.08496	1.08496	0.738741	1.35398	1.35398	1.132	1.132	0.222254	1.88197	1.88197	0.276188	0.907533	-1.10189	0.847557	0.997531	-1.00247	0.195599	0.828677	-1.20674	0.6038853	0.188028	0.265389	1
cg18121669	CCDC21 CCDC21;CXorf58;CXorf58;APOO;APOO; CXorf58	0.766175	0.116055	2.72437	2.72437	0.991974	1.00592	1.00592	0.722416	1.23281	1.23281	0.906516	1.07165	1.07165	0.490025	1.50899	1.50899	0.235602	2.07377	2.07377	0.616265	0.74342	-1.34513	0.862119	1.10739	1.10739	0.628054	1.33172	1.33172	0.6038345	3.29295	4.84738	1
cg05442715	CXorf58 MBP;MBP;MBP;MBP;MBP;MBP;MBP;M BP;MBP;MBP	0.766182	?	?	?	0.655647	0.513817	-1.94622	0.631768	2.04749	2.04749	0.4239	1.38072	1.38072	0.529209	2.58038	2.58038	?	?	?	?	?	?	?	?	?	?	0.46957	0.334282	-2.99148	0.502584	9.23143	22.0303	1
cg23327011	BP;MBP;MBP	0.766187	0.572726	1.47217	1.47217	0.529763	1.54024	1.54024	0.783499	1.20549	1.20549	0.1699	2.69658	2.69658	0.494201	1.6017	1.6017	0.61186	1.41512	1.41512	0.353488	1.91129	1.91129	0.181395	2.61879	2.61879	0.288688	2.11143	2.11143	0.603829	4.40311	6.48176	1
cg21343406	RPTOR;RPTOR	0.766217	0.697048	0.911538	-1.09705	0.3982	0.814821	-1.22726	0.524179	0.858291	-1.16511	0.729082	1.30529	1.30529	0.704574	0.863625	-1.15791	0.541759	0.86396	-1.15746	0.729485	0.920865	-1.08594	0.57303	1.14434	1.14434	0.371506	1.24264	1.24264	0.6038766	0.535982	0.780669	1
cg18881976	LOC283174 CERKL;CERKL;CERKL;CERKL;CERKL;CERK L;CERKL	0.766217	0.672309	0.913953	-1.09415	0.117576	1.43256	1.43256	0.630519	1.10793	1.10793	0.561812	0.883332	-1.13208	0.881816	0.969029	-1.03196	0.425249	1.18792	1.18792	0.789017	1.05836	1.05836	0.910325	0.976454	-1.02411	0.591931	0.89187	-1.12124	0.6037886	0.427693	0.629647	1
cg02019072	LCERKL	0.766225	0.451009	0.631352	-1.5839	0.958705	1.03149	1.03149	0.534147	0.685887	-1.45797	0.517116	0.67482	-1.48188	0.224244	0.465557	-2.14797	0.642269	0.756578	-1.32231	0.22665	0.467584	-2.13865	0.17728	0.423712	-2.36009	0.482881	0.65243	-1.53273	0.6037735	3.42911	5.0484	1
cg21598517	B9D2;TMEM91;B9D2	0.766233	0.996841	1.00105	1.00105	0.498163	1.11503	1.11503	0.884246	1.07193	1.07193	0.62334	1.08596	1.08596	0.602711	1.22429	1.22429	0.621552	1.04243	1.04243	0.108197	0.618984	0.932092	-1.07285	0.565027	1.26382	1.26382	0.858887	0.972215	-1.02858	0.603764	0.293745	0.352963	1
cg23605278	NEK5 LOC283120;UBE2D3;UBE2D3;UBE2D3;UBE 2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D 3	0.766235	0.264802	2.47681	2.47681	0.383021	2.00996	2.00996	0.42437	1.89022	1.89022	0.178865	3.04793	3.04793	0.814112	0.832094	-1.20179	0.409009	1.93284	1.93284	0.794653	1.22575	1.22575	0.497579	1.71158	1.71158	0.317884	2.23823	2.23823	0.603761	5.82353	8.57371	1
cg12193203	UBE2D3	0.766243	0.550193	1.15991	1.15991	0.678102	1.10786	1.10786	0.137582	1.48055	1.48055	0.543096	0.859798	-1.16306	0.858148	0.957047	-1.04488	0.588752	1.14333	1.14333	0.4022	0.810268	-1.23416	0.897338	1.03218	1.03218	0.584614	1.14507	1.14507	0.603575	0.57583	0.847783	1
cg05412028	ABCC4;ABCC4	0.766246	0.422658	0.964653	-1.74231	0.728103	0.764538	-1.30755	0.173164	0.685845	-1.45799	0.936766	1.10232	1.10232	0.160704	0.791606	-1.26312	0.940879	0.912955	-1.09534	0.844029	1.27565	1.27565	0.491233	0.424715	-2.35452	0.973132	0.959493	-1.04222	0.6038338	14.022	18.1775	1
cg26153045	ELN;ELN;ELN;ELN;ELN	0.76626	0.749788	0.836429	-1.19556	0.53855	0.706378	-1.41567	0.707429	1.23426	1.23426	0.574555	0.728609	-1.37248	0.191566	0.462175	-2.16368	0.264498	0.522451	-1.91405	0.323787	0.566161	-1.76628	0.285043	0.538011	-1.8587	0.971622	0.980338	-1.02006	0.6037236	2.97962	4.38701	1
cg26135506	HTR7;HTR7;HTR7;HTR7;HTR7;HTR7;HTR7	0.766262	0.644366	1.48258	1.48258	0.727025	0.636437	1.57125	0.548419	1.29035	1.29035	0.243584	0.745983	-1.34053	0.872756	0.94435	-1.05915	0.742721	1.888601	1.888601	0.14536	0.348013	-2.87301	0.368825	0.944564	1.05936	1.05936	0.718	1.12027	1.12027	1.80993	1	
cg04173992	PDGFRB	0.766269	0.350154	1.76859	1.76859	0.134782	2.60112	2.60112	0.732386	0.815863	-1.2257	0.828151	0.879311	-1.13725	0.630644	1.33274	1.33274	0.531253	1.45647	1.45647	0.35197	1.76457	1.76457	0.395071	1.67603	1.67603	0.9302	1.05332	1.05332	0.6037313	3.3611	4.94879	1
cg08129761	C5orf126	0.766272	0.411092	1.259	1.259	0.649003	0.866744	-1.15374	0.840939	0.946427	-1.05661	0.506843	1.20266	1.20266	0.120054

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg06043667	DKK3;DKK3;DKK3	0.766923	0.833091	1.08033	1.06833	0.421258	0.773121	-1.29346	0.856863	0.945022	-1.05818	0.417013	1.28665	1.29665	0.63729	1.16038	1.16038	0.262871	1.44137	1.44137	0.194868	1.53643	1.53643	0.76039	0.908645	-1.10354	0.990749	0.996376	-1.00364	0.602796	0.936483	1.38095	1
cg12332454	ZDHHC13;ZDHHC13	0.766936	0.363719	0.82882	-1.20653	0.403355	1.18768	1.18768	0.412416	1.1836	1.1836	0.959435	1.01028	1.01028	0.144263	1.10757	1.10757	0.811851	1.04913	1.04913	0.740893	1.0389	1.0389	0.711129	1.07769	1.07769	0.13752	1.37947	1.37947	0.602779	0.386235	0.569563	1
cg05565277	CCNF	0.766976	0.456388	1.89808	1.89808	0.120637	4.14592	4.14592	0.191177	3.21942	3.21942	0.883289	0.883291	-1.13213	0.947703	1.05688	1.05688	0.93045	1.07654	1.07654	0.776673	1.27158	1.27158	0.835851	0.839218	-1.19159	0.863944	1.15592	1.15592	0.602722	0.813114	0.10479	1
cg17686260	MGMT	0.766994	0.303349	0.299839	-3.33513	0.557725	0.511794	-1.95357	0.672343	1.61709	1.61709	0.895808	1.02464	-1.15955	0.222702	0.235166	-4.2534	0.52557	0.483481	-2.06816	0.165159	0.186474	-5.41494	0.891231	0.850773	-1.16717	0.680386	0.625967	-1.59753	0.602697	12.1846	17.9705	1
cg07555597	B3GNT2	0.766997	0.33267	0.787526	-1.2698	0.435143	1.20963	0.853663	0.958291	-1.04252	0.923648	0.942638	1.01735	1.01735	0.98311	0.79191	1.06535	1.06535	0.24102	0.745753	-1.34093	0.404153	0.81544	-1.22633	0.953716	1.01397	0.101397	0.602693	0.545302	0.804245	1
cg03497297	SMCHD1	0.767011	0.920898	1.02053	1.02053	0.550279	0.869621	-1.14993	0.481701	1.15754	1.15754	0.229336	1.07256	-1.39726	0.2944	0.317562	3.2335	1.23535	1.23535	0.490448	0.866497	-1.15407	0.452785	0.855159	-1.16937	0.998302	1.00044	1.00044	0.996777	0.999174	-1.00083	0.602673	0.399453	0.589158	1
cg25188942	CSMD1	0.767025	0.525118	0.893313	-1.11943	0.234169	1.2442	1.2442	0.550373	1.11166	1.11166	0.685196	1.07401	1.07401	0.759621	1.05524	1.05524	0.508325	0.889087	-1.12475	0.47457	1.13587	1.13587	0.347801	0.84421	-1.18454	0.748798	0.945268	-1.0579	0.602654	0.292952	0.432093	1
cg01254916	ELF3;ELF3	0.767058	0.777029	1.16453	1.16453	0.373946	1.63524	1.63524	0.383999	0.639473	-1.61428	0.815783	1.74447	1.74447	0.950144	1.03412	1.03412	0.633237	0.772686	-1.29419	0.478645	0.679482	-1.47173	0.818297	1.1314	1.1314	0.309016	1.75914	1.75914	0.602606	2.74693	4.05193	1
cg04249605	CDL11A2;CDL11A2;CDL11A2	0.767058	0.599602	0.657052	-1.52195	0.737502	1.56421	1.55421	0.457686	1.24812	1.24812	0.848789	0.895205	-1.43842	0.524589	0.597757	-1.66734	0.638472	0.687152	-1.45528	0.705087	0.739739	-1.35183	0.662727	0.706135	-1.41616	0.960704	1.03984	1.03984	0.602606	0.599936	0.84975	1
cg16639195	MAFK	0.767062	0.602946	1.33242	1.33242	0.423167	1.56422	1.56422	0.80049	1.14853	1.14853	0.429012	1.55509	1.55509	0.226088	2.004	2.004	0.156326	2.29167	2.29167	0.24806	1.93553	1.93553	0.868368	1.09495	1.09495	0.530492	1.41551	1.41551	0.602602	2.85434	4.21039	1
cg05322982	NMT1	0.767096	0.428604	1.08193	1.08193	0.995232	1.96504	1.96504	0.503111	1.48001	1.48001	0.311881	1.82863	1.82863	0.356404	1.65345	1.65345	0.175097	2.2979	2.2979	0.301846	1.45358	1.45358	0.354564	1.73233	1.73233	0.905218	0.933586	1.07114	0.602554	3.17635	4.68375	1
cg05591270	LOC283050;LOC283050;LOC283050	0.767098	0.873333	1.13423	1.13423	0.536964	1.6381	1.6381	0.979637	0.980054	-1.02035	0.842855	1.29121	1.29129	0.739341	1.30161	1.30161	0.180438	3.07343	3.07343	0.387377	0.496717	-2.01322	0.702182	1.35431	1.35431	0.208839	2.84581	2.84581	0.602555	5.94715	8.7733	1
cg00320931	SSR1	0.767101	0.551758	0.977264	-1.02325	0.225184	0.970245	-1.03056	0.598665	0.796498	-1.25551	0.799456	1.15323	1.15323	0.200386	0.560212	-1.78504	0.887055	1.66277	1.66277	0.366103	0.637799	-1.56872	0.862077	0.966103	0.637799	-1.48854	0.950445	0.973725	-1.02698	0.56948	1.27926	1.927457	0.536374	1
cg14870861	S1PR5;S1PR5	0.767104	0.803544	1.07376	1.07376	0.506989	0.825129	-1.21193	0.673741	1.61709	1.61709	0.895808	1.02464	-1.15955	0.222702	0.235166	-4.2534	0.178602	0.664961	-1.50385	0.77224	0.920475	-1.0864	0.456586	1.2417	1.2417	0.56055	1.18298	1.18298	0.602542	0.777968	1.14768	1
cg23322112	ABCC13;ABCC13	0.767122	0.180873	0.768323	-1.30154	0.739138	0.36195	1.06395	0.133293	0.74047	-1.35049	0.597457	0.905874	-1.10391	0.898697	0.97665	-1.02391	0.50571	0.882259	-1.13345	0.97809	0.994919	-1.00511	0.83117	0.961168	-1.0404	0.931994	1.01596	1.01596	0.602517	0.328373	0.484446	1
cg00469652	RPS21	0.767133	0.874436	0.940769	-1.05289	0.990458	0.99611	-1.0039	0.708694	0.884878	-1.1301	0.846434	0.938768	-1.06523	0.931799	1.02823	1.02823	0.709073	1.80267	1.80267	0.874902	1.05268	1.05268	0.458351	1.279	1.279	0.323876	1.3938	1.3938	0.602502	1.01339	1.49509	1
cg18611668	LYSMD3	0.767139	0.504062	2.02621	2.02621	0.532577	1.93166	1.93166	0.278319	0.309085	-3.23535	0.436849	2.2845	2.2845	0.472634	2.1402	2.1402	0.46097	2.18533	2.18533	0.429343	0.43158	-2.31707	0.955365	0.943368	-1.06003	0.695676	0.664016	-1.50599	0.602494	10.3518	15.2726	1
cg25786331	OR12D2	0.767151	0.259604	0.378592	-2.64137	0.409857	0.495496	-2.01818	0.483869	0.555546	-1.79971	0.537549	1.60152	1.60152	0.526054	1.7	1.7	0.929228	0.929258	-1.07613	0.502001	1.7598	1.7598	0.902402	0.639972	-1.56257	0.99092	0.483819	-2.06689	0.602477	6.50894	9.60324	1
cg16568892	PLXNA1	0.767182	0.553713	0.956348	1.04564	0.738864	0.835685	-1.19662	0.741002	0.836690	-1.19479	0.38738	0.567261	-1.76286	0.236056	0.513654	-1.94683	0.361673	1.65382	1.65382	0.266007	0.537392	-1.86084	0.92755	0.952375	-1.05001	0.858674	1.10035	1.10035	0.602434	2.74673	4.05279	1
cg20128773	AGAP1;AGAP1	0.767204	0.938237	1.04154	1.04154	0.464544	1.47842	1.47842	0.751768	1.18137	1.18137	0.966777	1.02212	1.02212	0.317484	1.72071	1.72071	0.189795	2.0739	2.0739	0.155213	2.22309	2.22309	0.926833	1.04942	1.04942	0.87536	0.920862	-1.08594	0.602402	2.63198	3.88368	1
cg06606548	MAP3K13	0.767214	0.746244	0.881529	-1.13439	0.103033	0.7206	1.3878	0.0923	1.32	1.32	0.213127	1.66394	1.66394	0.799178	1.10407	1.10407	0.129114	2.74915	2.74915	0.14504	1.72626	1.72626	0.772029	0.893312	-1.11943	0.70935	1.15651	1.15651	0.602388	1.43894	2.12332	1
cg15428620	SFXN3	0.767217	0.398547	0.722556	-1.38397	0.409565	0.728272	-1.37311	0.753776	1.12558	1.12558	0.81047	0.915633	-1.09453	0.825678	0.920415	-1.08647	0.876206	1.06036	1.06036	0.14281	0.553134	-1.80788	0.269918	0.649266	-1.5402	0.803339	1.09835	1.09835	0.602586	1.34851	1.98989	1
cg12502823	MSC;TOB57	0.767722	0.177505	0.779771	1.28243	0.403765	0.913125	1.09514	0.774705	1.16025	1.16025	0.914521	1.1312	1.1312	0.931522	0.985193	-1.01503	0.887055	1.66277	1.66277	0.366103	0.637799	-1.56872	0.862077	0.966103	0.637799	-1.48854	0.950445	0.973571	0.854513	1.17026	1.624453	1
cg13476078	NXN	0.76722	0.652433	1.28871	1.28871	0.402487	1.61501	1.61501	0.845628	0.896682	-1.11522	0.624644	1.31769	1.31769	0.350948	0.584448	1.71102	0.784454	1.16578	1.16578	0.403662	1.61299	1.61299	0.211637	2.08793	2.08793	0.605315	0.74703	-1.33863	0.60238	2.9861	4.40637	1
cg03415695	LOC102077122	0.767221	0.192785	1.3611	1.3611	0.885336	1.1028	1.0328	0.687201	1.09476	1.09476	0.44361	0.839711	-1.19089	0.258295	0.301889	1.30189	0.712656	1.08625	1.08625	0.596348	1.127	1.127	0.451185	1.18732	1.18732	0.376845	1.22486	1.22486	0.602729	0.477254	0.70425	1
cg23525723	FBXL7	0.767222	0.151326	0.69167	1.5898	0.782487	0.494179	1.30238	0.455072	0.570123	-1.75401	0.788779	1.32114	1.32114	0.756702	0.567587	-1.76286	0.976688	1.07017	1.07017	0.704672	1.17993	1.17993	0.806707	1.23961	1.23961	0.618373	1.2594	1.2594	0.602776	0.58504	0.97172	1
cg26995083	TIAP1;TIAR1	0.767229	0.520723	0.676244	-1.47876	0.342086	0.555304	-1.80082	0.360499	0.568408	-1.7593	0.736308	0.816195	-1.2252	0.960524	0.970694	-1.03019	0.53955	0.688494	-1.45245	0.30804	0.530445	-1.88521	0.559331	0.701322	-1.42588	0.27611	1.97544	1.97544	0.602367	3.44511	5.08381	1
cg15007548	TANC1;TANC1	0.767248	0.266024	0.468076	-2.13641	0.428568	0.588987	-1.69783	0.21487	0.42521	-2.35178	0.590713	0.944632	-1.05861	0.108447	0.410586	-2.43554	0.617542	0.710113	-1.3906	0.538622	0.651124	-1.53948	0.776235	1.2052	1.2052	0.972036	1.02323	1.02323	0.602434	4.09266	6.03964	1
cg10145319	SPTBN2	0.767274	0.893174	1.04857	1.04857	0.591214	1.26193	1.26193	0.259122	1.55348	1.55348	0.828544	0.922056	-1.08453	0.976767	0.989163	-1.01096	0.91856	0.962456	-1.03901	0.118843	1.88401	1.88401	0.529054	1.26947	1.26947	0.406611	1.37389	1.37389	0.602304	1.33541	1.97082	1
cg10147467	ALK	0.767278	0.946248	1.01883	1.01883	0.942796	1.32113	1.32113	0.749253	1.16793	1.16793	0.745911	1.11531	1.11531	0.458822	1.65691	1.65691	0.350326	1.85943	1.85943	0.359603	1.58057	1.58057	0.672738	1.14122	1.14122	0.593443	1.70625	1.70625	0.602388	2.6732	3.95109	1
cg10484107	F4F1	0.76728	0.930509	0.982702	-1.01826	0.886356	1.0301	1.0301	0.350453	0.819275	-1.22059	0.739546	1.07165	1.07165	0.410646	0.838389	-1.19276	0.325893	0.810267	-1.23416	0.210644	1.31467	1.31467	0.800963	1.05379	1.05379	0.962018	1.00993	1.00993	0.602295	0.410372	0.605641	1
cg06632154	ACTN1;ACTN1;ACTN1	0.767287	0.921592	0.979029	1.02462	0.643755	0.913125	1.09514	0.774705	1.16025	1.16025	0.914521	1.13122	1.13122	0.925775	1.3635	1.3635	0.283199	2.0329	2.0329	0.206503	1.58057	1.58057	0.672738	1.14122	1.14122	0.593443	1.70625	1.70625	0.602388	2.6732	3.95109	1
cg14567489	SDC4	0.76729	0.665215	1.22644	1.22644	0.57892	0.768878	-1.3006	0.370909	1.53842	1.53842	0.900113	0.942826	-1.06064	0.434518	1.45331	1.45331	0.603565	1.2784	1.2784	0.15445	2.04341	2.04341	0.71714	0.843181	-1.18598	0.398024	1.50335	1.50335	0.602282	2.09668	3.09442	1
cg11206482	PIP5K1A;PIP5K1A;PIP5K1A;PIP5K1A	0.767296	0.500104	0.859576	-1.16336	0.270939	1.28837	1.28837	0.9142	1.02411	1.02411	0.76291	1.06917	1.06917	0.39509	0.824857	-1.21233	0.627959	1.114	1.114	0.787863	0.942119	-1.06144	0.225506	1.32497	1.32497	0.640214	1.10967	1.10967	0.602773	0.466155	0.687994	1
cg05807467	MTUS1;MTUS1;MTUS1;MTUS1;MTUS1	0.767313	0.910248	0.923088	-1.08332	0.313563	0.477237	-2.09539	0.731801	1.22656	1.22656	0.44959	1.72776	1.72776	0.816125	0.847627	-1.17976	0.653536	0.72567	-1.37804	0.365519	0.516923	-1.93452	0.37222	0.521942	-1.91592	0.343809	1.99792	1.99792	0.60225	4.80446	7.09114	1
cg11229797	UCAT1	0.767344	0.418772	0.749035	1.33455	0.134196	0.92635	1.65535	0.167156	1.36032	1.36032	0.827551	1.59135	1.59135	0.199778	2.00481	2.00481	0.154503	2.54453	2.54453	0.188201	1.70985	1.70985	0.754962	1.12715	1.12715	0.588509	1.77267	1.77267	0.602206	1.64229	2.42673	1
cg12681784	BAHCC1	0.767374	0.77266	1.20243	1.20243	0.794186	2.289449	3.45245	0.722955	0.797299	-1.25423	0.728305	0.800969	-1.24849	0.460353	0.619815	-1.61338	0.347693	1.54067	1.85025	0.761093	0.826452	-1.20999	0.725711	0.799189	-1.25127	0.983172	0.986668	-1.01351	0.602164	1.86236	5.70144	1
cg13773614	PDK4	0.767381	0.751476	1.06876	1.06876	0.275973	0.788837	-1.26769	0.607597	0.897259	-1.11451	0.584803	1.12242	1.12242	0.503238	0.867457	-1.1528	0.329612	1.2344	1.2344	0.654223	0.909952	-1.09896	0.813199	0.951661	-1.05079	0.297712	0.797757	-1.25351	0.602154	0.417798	0.616745	1
cg05480453	PDXN	0.76739	0.149463	0.609599	1.64002	0.023197	0.195	1.64504	0.029405	0.199358	1.64504	0.029405	0.199358	1.64504	0.029405	0.199358	1.64504	0.754502	0.913696	-1.0946	0.537463	1.19685	1.19685	0.493404	1.09443	1.09443	0.768617	0.99163	-1.00844	0.963813	1.01314	1.01314	0.602141	0.788817	1.16594	1
cg03445127	SENP7;SENP7	0.767391	0.601557	1.09085	1.09085	0.612661	1.08792	1.08792	0.383378	1.15898	1.15898	0.184714	1.25937	1.25937	0.224545	1.23439	1.23439	0.910417	0.981594	-1.01875	0.678184	1.0713	1.0713	0.947297	0.988262	-1.01188	0.51272	1.896209	-1.11581	0.602104	0.259819	0.38355	1
cg12130607	GAUI;GAUI	0.767406	0.717134	1.07353	1.07353	0.628243	0.838857	-1.1921	0.54499	1.17935	1.17935	0.924218	0.979115	1.02151	0.952523	1.0133	1.0133	0.888153	1.075	1.075	0.733639	0.726282	-1.37687	0.939827	1.07005	1.07005	0.635568	1.52654	1.52654	0.602439	0.602792	0.882	1
cg27125236	UNC84A;UNC84A	0.767415	0.856484	1.25405	1.25405	0.308051	1.8212	1.82112	0.442602	2.66174	2.66174	0.608043	1.90957	1.90957	0.268659	0.236766	-4.22358	0.858804	0.803377	-1.24941	0.44887	0.380957	-2.62497	0.492195	2.3924	2.3924	0.638373	1.80751	1.80751	0.602106	14.9118	22.0142	1
cg17450295	FOXN3	0.767431	0.247351	0.429526	-2.32645	0.312956	0.464283	-2.07318	0.481555	0.51905	-1.92705	0.804238	0.840825	-1.18975	0.441185	0.577111	-1.73264	0.60787	0.646709	-1.54607	0.20705	0.392194	-2.54976	0.764474	1.40467	0.965801	0.811772	-1.23187	0.602103	0.464725	0.84077	1.24157	1
cg21286037	NOTCH1	0.767439	0.524328	0.658384	-1.51887	0.538699	0.664764	1.50429	0.956692	0.873567	1.14497	0.963168	0.983541	1.01681	0.270535	0.475243	-3.10997	0.36648	1.82347	1.82347	0.547231	0.387947	1.77531	1.43089	0.594028	1.30044	1.30044	0.873052	1.10914	1.10914	0.602101	0.40155	0.59754	1
cg02588659	SLC35C1;SLC35C1;SLC35C1	0.767421	0.71095	1.04827	1.04827	0.451292	1.10208	1.10208	0.626101	1.06416	1.06416	0.18403	0.836539	-1.1954	0.429419	1.10756	1.10756	0.880356	0.981105	-1.01926	0.727096	0.956596	-1.04537	0.372492	0.890512	-1.12295	0.95154	0.992332	-1.00773	0.602098	0.152958	0.225815	1
cg23473726	ZNF124	0.767428	0.263083	0.382717	2.61271	0.549344	0.516	1.94026	0.149233	0.49664	-2.01374	0.426354	1.59917	1.59917	0.291131	1.88347	1.88347	0.29229	2.1747	2.1747	0.291324	1.88296	1.88296	0.531114	1.18261	1.18261	0.826097	1.1402	1.1402	0.602087	1.18525	1.84357	1
cg17404449	LOC100133091	0.767432	0.736774	1.3669	1.3669	0.86897	1.16528	1.16528	0.78484	0.776049	-1.28858	0.53883	1.77977	1.77977	0.116892	0.206358	4.84595	0.562753	1.71963	1.71963	0.535117	1.78943	1.78943	0.987722	0.988137	-1.01201	0.562605	0.581398	-1.71999	0.602083	0.18455	12.0833	1
cg14906687	ARID1B;ARID1B;ARID1B	0.767458	0.265691	1.23027	1.23027	0.609855	1.1114	1.07314	0.890441	1.02465	1.02465	0.774617	1.05202	1.05202	0.737428	0.906357	-1.10329	0.21832	1.25698	1.25698	0.293082	0.824754	-1.21249	0.992395	1.00169	1.00169	0.458056	1.1428	1.1428	0.602075	0.429564	0.649317	1
cg17427154	SCCPDH;SCCPDH	0.767462	0.822409	1.06459	1.06459	0.290776	1.35694	1.35694	0.440112	1.24508	1.24508	0.862247	0.952796	-1.04954	0.711818	0.901849	-1.10883	0.743223	1.02154	1.02154	-1.09584	0.181462	0.673712	-1.48431	0.981486	0.99356	-1.00648	0.517116	1.20265	1.20265	0.602041	0.739128	1.039129	1
cg26120340	FAM19A5;FAM19A5	0.76471	0.704129	1.1373	1.1373	0.765318	1.94325	1.94325	0.784345	0.911648	-1.09691	0.856407	0.94075	-1.06298	0.769298	0.905586	-1.10426	0.956909	0.981945	-1.01839	0.461529	1.28759	1.28759	0.907077	0.96139	-1.04016	0.704167	1.13728	1.13728	0.602027	1.08417	1.60077	1
cg22769566	ATP1D;ATP1D	0.76488	?	?	?	?	0.774677	1.29107	0.641079	1.07167	1.07167	0.642306	1.43793	1.43793	0.352435	1.74096	1.74096	?	?	?	?	1.37683	1.37683	0.733639	0.726282	-1.37687	0.939827	1.07005	1.07005	0.635568	1.52654	1.52654	0.602104	0.602792	0.882	1
cg13691240	HNRNPK;HNRNPK;RMI1;HNRNPK	0.767494	0.577511	1.20963	1.20963	0.593441	0.833352	-1.19997	0.607532	0.83928	-1.1915	0.490691	0.789172	-1.26715	0.138929	0.5835	-1.7138	0.309145	0.700489	-1.42757	0.680836	0.869461	-1.15014	0.648018	1.16819	1.16819	0.974524	0.989258	-1.01086	0.601995	1.0906	1.61036	1
cg10115164	SHANK2;SHANK2	0.767506	0.605863	1.27794	1.27794	0.324918	1.75317	1.75317	0.180291	0.455545	-2.19537	0.931998	1.04827	1.04827	0.931971	1.05771	1.05771	0.627467	1.3101	1.3101	0.557067	1.39569	1.39569	0.912447	1.62237	1.62237	0.725969	0.823367	-1.21453	0.602379	2.9084	4.29458	1
cg21236501	SLC4A44	0.76507	0.897264	0.964252	-1.03707	0.562771	1.17926	1.17926	0.937676	0.978204	-1.02228	0.565325	1.17796	1.17796	0.477905	0.823676	-1.21407	0.254835	0.715316	-1.39798	0.393616	1.27922	1.27922	0.72749	1.37249	1.37249	0.902237	0.965963	-1.03524	0.601978	0.7571	1.11794	1
cg07648498	FANCA;FANCA	0.767514	?	?	?	0.452072	2.19027	2.19027	0.3298	2.79881	2.79881	?	?	?	?	?	?	0.451808	2.19131	2.19131	0.692297	0.665606	-1.50239	0.488911	0.487009	-2.05335	0.766715	1.35591	1.35591	0.537412	5.94276	14.7441	1
cg23936860	IL16	0.767523	0.936628	1.08754	1.08754	0.54736	1.51486	1.51486	0.874472	1.38529	1.38529	0.956069	1.05986	1.05986	0.975672	0.96833	-1.03271	0.883746	1.19214	1.19214	0.885724	0.838149	-1.1931	0.749759	0.713401	-1.40174	0.753014	0.67167	-1.48934	0.601945	10.6177	15.6792	1
cg27095847	PNLDC1	0.767539	0.61837	1.29798	1.29798	0.731916	2.11963	2.11963	0.32066	1.70384	1.70384	0.381959	1.59306	1.59306	0.650768	1.30835	1.30835	0.202839	2.01009	2.01009	0.895236	0.933869	-1.07083	0.761453	1.17131	1.17131	0.871317	0.919258	-1.08783	0.601933	2.57109	3.79679	1
cg08328947	MRPL36;NDUFS6	0.767542	0.705926	1.07353	1.07353	0.628243	0.838857	-1.1921	0.54499	1.17935	1.17935	0.924218	0.979115	1.02151	0.952523	1.0133	1.0133	0.707789	1.08284	1.08284	0.582152	1.38875	1.38875	0.742807	1.3739	1.3739	0.918885	0.981038	1.01896	0.601907	0.829564	0.449317	1
cg19888535	FBXO32	0.76757	0.316568	0.805659	-1.24122	0.538492	0.878116	-1.1388	0.471842	0.858352	-1.16502	0.38802	0.813727	-1.22891	0.223203	0.765589	-1.30618	0.796255	0.947431	-1.05549	0.176689	0.741017	-1.3495	0.850942	0.961499	-1.04004	0.842008	1.04253	1.04253	0.601889	0.452514	0.613201	1
cg02532999	DSCR3	0.767577	0.557885	1.4292	1.4292	0.364178	1.75361	1.75361	0.964835	1.02692	1.02692	0.644864	1.33269	1.33269	0.887439	0.80909	-1.08909	0.745561	1.21678	1.21678	0.122486	0.364757	-2.74155	0.870692	1.10315	1.10315	0.573286	1.40909	1.40909	0.601879	3.46147	5.11209	1
cg27336552	SERPINC1;SERPINC1	0.767584	0.561632	0.768454	-1.30176	0.478424	0.647007	1.54307	0.704998	0.877583	-1.13959	0.702599	0.97805	-1.02283	0.725405	0.840337	-1.19	0.836325	1.26097	1.26097	0.376704	0.728	1.4728	1.4728	0.39714	1.25639	0.949817	0.983568	-1.01671	0.60187	0.605658	0.975564	1
cg06605558	AHRR;PDCD6	0.767584	0.866131	0.954079	-1.04813	0.424507	1.25514	1.25514	0.14784	1.54125	1.54125	0.753584	1.0917	1.0917	0.960492	0.986293	-1.0139	0.696878	1.11524	1.11524	0.329688	1.32348	1.32348	0.434323	0.800705	-1.2489	0.854837	0.950254	-1.05235	0.601869	0.739967	1.09284	1
cg21120664	WDR4;WDR4	0.767606	0.315959	0.79366	1.25109	0.426213	0.488279	-1.25577	0.907015	0.988518	-1.01676	0.702721	0.951329	-1.04896	0.597115	0.715315	-1.39801	0.906103	0.983687	-1.01658	0.541475	1.09331	1.09331	0.915938	1.01593	1.01593	0.959938	0.974715	1.0468	1.0468	0.601838	0.889569	1.227682	1
cg21454177	PPM1K	0.767623	0.62616	0.74595	-1.34057	0.366563	0.574756

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg10182044	CENPE;CENPE	0.768394	0.665951	1.15877	1.15877	1.896292	0.959926	-1.04501	0.993403	0.997199	-1.00281	0.749631	1.11475	1.114475	0.184859	0.620575	-1.61141	0.667902	0.863784	-1.1577	0.228176	0.651075	-1.53392	0.3314153	0.711639	-1.45321	0.790455	1.09456	0.600733	1.09515	1.82046
gi16631384	EIF4E1B	0.764681	0.76479	0.900084	-1.11101	0.441371	1.29059	1.29059	0.301296	1.45623	1.41623	0.5764533	1.20126	1.20126	0.703298	0.883076	-1.13241	0.70306	1.13252	1.13252	0.193709	1.67598	1.673498	1.47348	1.26734	1.26734	0.859102	0.943898	0.775496	0.604724	1.00455	1.48643	1
cg07490776	AP3M2;AP3M2	0.768412	?	?	?	?	?	?	0.369657	4.31541	4.31541	?	?	?	0.501743	0.341759	-2.92604	?	?	?	0.991481	0.983489	-1.01679	0.777403	1.557	1.557	?	?	?	0.453166	7.119691	19.6388	1
cg04839422	PNPLA5	0.76842	0.304896	2.55114	-1.69165	0.897456	1.06588	1.06588	0.777947	1.1481	1.1481	0.542126	0.736881	-1.35707	0.591462	0.764845	-1.30745	0.691825	0.821084	-1.2179	0.936641	0.961426	-1.04012	0.162749	2.09029	2.09029	0.593372	1.30562	1.30562	0.603697	2.32917	3.446611	1
cg05090238	AIG1	0.768426	0.879267	0.957682	-1.04419	0.123423	1.60753	1.60753	0.915714	1.03057	1.03057	0.823676	1.06554	1.06554	0.640921	1.14296	1.14296	0.590488	1.16712	1.16712	0.441298	0.790498	1.29026	1.25027	0.350333	1.3145	1.3145	0.537804	1.19419	1.19419	0.600688	0.768825	1.13918	1
gi30365945	ZBTB46	0.768431	0.348602	0.625421	-1.59892	0.253787	1.78538	1.78538	0.717353	1.19341	1.19341	0.675435	0.814805	-1.22726	0.272144	0.574318	-1.7412	0.785781	0.8759	-1.14168	0.566425	0.754374	-1.32656	0.575486	0.75944	-1.31676	0.737174	1.178	1.178	0.606831	2.50445	3.33021	1
cg25283565	ATP6V1H;ATP6V1H;ATP6V1H	0.768439	0.189606	0.73198	-1.36616	0.801132	1.05831	1.05831	0.927655	0.979814	-1.0206	0.994228	1.01871	1.01871	0.511524	1.16127	1.16127	0.591851	1.12923	1.12923	0.625472	0.895421	-1.11679	0.765152	0.934942	-1.06959	0.24092	1.31742	1.31742	0.60067	0.479693	0.709863	1
cg05673536	RNF130	0.768441	0.421948	0.659869	-1.57265	0.572953	1.36941	1.36941	0.281703	1.85425	1.85425	0.759414	1.38476	1.38476	0.297729	0.551115	-1.8145	0.980771	1.03139	1.03139	0.672116	0.790596	-1.26487	0.604106	1.3347	1.3347	0.424293	1.56891	1.56891	0.600667	2.89803	4.28861	1
cg05582209	ZYL;ZYX	0.768444	0.223653	1.88456	1.88456	0.94745	0.967857	-1.03121	0.384415	1.55588	1.55588	0.782316	0.87172	-1.14716	0.278253	0.571873	-1.74864	0.884866	1.07446	1.07446	0.943211	1.03594	1.03594	0.813437	1.12432	1.12432	0.409374	0.658221	-1.51925	0.600662	2.33722	3.45873	1
cg10505862	NUCB1;NUCB1;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CREM;CRE	0.768464	0.493049	0.756744	-1.32145	0.714876	0.86368	-1.15784	0.983767	1.00816	1.00816	0.641733	0.435689	-2.29522	0.532307	0.776733	-1.28744	0.670625	0.842923	-1.18635	0.883931	1.06009	1.06009	0.950723	0.975616	-1.02499	0.767732	0.888428	-1.12558	0.600636	1.51777	2.24616	1
cg02742281	PKMYT1;PKMYT1	0.768473	0.56062	0.600711	-1.6647	0.840541	1.19063	1.19063	0.589667	1.60253	1.60253	0.654461	1.47726	1.47726	0.286428	0.383354	-2.60855	0.327573	0.41673	-2.39964	0.313603	0.405481	-2.46621	0.398934	0.473325	-2.11271	0.723923	1.35957	1.35957	0.600623	7.136	10.5609	1
gi20148880	KIF21B;KIF21B	0.768493	?	?	?	0.668305	0.79124	-1.26384	0.405409	0.628048	-1.59221	?	?	?	?	?	?	?	?	?	0.342953	1.708	0.96125	0.974007	-1.02669	0.741814	1.19654	1.19654	0.499283	1.22932	2.95461	1
cg01509715	ZNF648	0.768503	0.914496	1.03936	1.03936	0.888455	1.05165	1.05165	0.188632	0.656095	-1.64991	0.532327	1.23225	1.23225	0.76534	1.1136	1.1136	0.832332	0.926617	-1.07919	0.43729	1.32957	1.32957	0.888579	0.950855	-1.05169	0.236846	1.56133	1.56133	0.60058	1.22923	1.81933	1
cg24726705	ARNT2	0.768506	0.980485	0.994044	-1.00599	0.731195	0.91923	-1.08787	0.316294	0.77645	-1.28791	0.529616	0.85597	-1.16827	0.301811	0.770084	-1.29856	0.802128	1.06324	1.06324	0.151851	0.687326	-1.45491	0.80124	1.06354	1.06354	0.40313	0.811437	-1.23238	0.605577	0.567321	0.839669	1
gi30187503	MRP;MRP;MRP;MRP;MRP;MRP	0.768517	0.492205	1.15765	1.52669	0.476993	0.92884	-1.70683	0.296292	0.449013	-2.2271	0.986146	1.01292	1.01292	0.283349	0.438608	-2.28094	0.603557	0.678849	-1.47308	0.469851	0.57997	-1.72423	0.431379	1.80645	1.80645	0.687358	1.34868	1.34868	0.600561	5.19983	7.69626	1
cg00363246	MMP15	0.768525	0.310121	2.676423	0.61764	0.248959	0.227149	-4.40239	0.64276	0.564463	-1.7716	0.819022	0.755342	-1.3299	0.398212	0.348608	-2.88344	0.968131	1.05013	1.05013	0.484278	0.178307	-5.6083	0.2603	0.237518	-4.2102	0.681004	0.602859	-1.65876	0.605949	54.2566	21.1015	1
cg25946459	C20orf117;C20orf117	0.768529	0.670531	0.733169	-1.36394	0.296778	2.19155	2.19155	0.778327	1.22715	1.22715	0.274091	0.438045	-2.28287	0.391215	0.528782	-1.89114	0.470161	0.586901	-1.70387	0.378241	0.519072	-1.92651	0.956895	1.03998	1.03998	0.60326	0.683658	-1.46272	0.605544	5.00353	7.40593	1
cg17294136	CACNA2D1	0.768533	0.842705	0.857877	-1.16567	0.408901	0.956988	-1.04555	0.541852	1.16282	1.16282	0.189401	1.89041	1.89041	0.823579	0.941657	-1.06213	0.777777	0.874934	-1.14309	0.74009	0.844865	-1.18371	0.151108	6.44865	-1.22883	0.776894	0.417671	-2.39423	0.698088	1.35111	1.35111	0.605137	5.6586	8.33041	1
cg02519681	FRMD4B	0.768542	0.741674	0.922306	-1.08424	0.40124	0.81053	-1.23376	0.276627	1.31873	1.31873	0.869942	1.04088	1.04088	0.84805	0.954182	-1.04802	0.360192	1.2586	1.2586	0.697433	1.10024	1.10024	0.579553	1.14663	1.14663	0.319041	0.777416	-1.28631	0.605225	0.568561	0.841576	1
cg02779029	SERPINF1	0.768547	0.745433	0.863211	-1.15847	0.654455	0.816097	1.22403	0.333567	0.638961	-1.56521	0.379113	0.667361	-1.51112	0.884448	0.936446	-1.06787	0.848621	1.10912	1.10912	0.170424	1.18367	1.18367	0.290653	1.61607	1.61607	0.307399	1.61137	1.61137	0.600518	1.19008	2.87024	1
cg16843797	TRAIP	0.768555	0.837374	0.914024	-1.09209	0.64009	0.81589	-1.22566	0.403901	0.43905	-2.27765	0.919976	0.957509	-1.04438	0.677586	0.834723	-1.198	0.356366	0.976636	-1.02392	0.354324	0.662497	-1.50944	0.955032	1.02466	1.02466	0.334049	0.650187	-1.53802	0.604515	1.77563	2.62831	1
cg24499866	C13orf16	0.768553	0.789209	1.14345	1.14345	0.718682	1.19818	1.19818	0.907703	1.05974	1.05974	0.089922	0.392628	-2.54694	0.87116	1.08459	1.08459	0.807502	0.88504	-1.12989	0.667821	1.24108	1.24108	0.465108	1.45051	1.45051	0.843407	1.005799	1.104	0.600551	2.38038	3.52349	1
cg19940552	KIAA0947	0.768554	0.540206	1.17427	1.17427	0.990675	1.10098	1.10098	0.337066	0.773778	1.29236	0.8190422	0.755342	1.32452	0.398212	0.348608	-2.88344	0.838588	1.19247	1.19247	0.550254	0.711102	1.40624	1.40624	0.715312	1.35989	1.35989	0.607925	0.838629	-1.19241	0.605229	0.945309	1.19238	1
cg01842741	DTX1	0.768571	0.607265	1.15126	1.15126	0.84998	1.05279	1.05279	0.828422	0.942736	-1.06074	0.484224	1.21305	1.21305	0.260954	1.37511	1.37511	0.640358	1.13637	1.13637	0.201021	1.44326	1.44326	0.377766	0.782015	-1.27875	0.883328	0.960558	-1.04106	0.604484	0.702015	1.03918	1
cg25034117	SLC46A1	0.768577	0.703654	1.16945	1.16945	0.675433	1.31598	1.31598	0.347764	1.18513	1.18513	0.624373	0.836276	-1.19578	0.971055	1.02966	-1.04939	0.214453	0.794853	1.25808	0.170993	0.904613	1.10539	1.07099	0.908718	1.09253	0.921683	0.780052	-1.02055	0.604476	0.235007	0.614448	1
cg01047335	PPIL2;PPIL2;PPIL2	0.768578	0.718357	1.1319	1.1319	0.499216	1.26448	1.26448	0.601826	1.19733	1.19733	0.852355	0.981125	1.00321	0.192111	1.60375	1.60375	0.571761	1.82247	1.82247	0.129006	1.12025	1.12025	0.504254	1.80249	-1.24612	0.729006	1.12635	1.12635	0.604476	1.11302	1.64762	1
cg11921538	CCNYL1;CCNYL1	0.768578	0.79962	0.959657	-1.04204	0.297111	0.839456	-1.19125	0.710507	1.06222	1.06222	0.407713	0.87188	-1.14695	0.865117	1.0279	1.0279	0.905478	0.981153	-1.01921	0.330016	1.17672	1.17672	0.254452	1.21245	1.21245	0.899059	0.979664	-1.02076	0.604775	0.249256	0.368975	1
cg08402842	CYLD;CYLD;CYLD	0.76858	0.676548	1.20316	1.20316	0.543798	1.11339	1.11339	0.751387	1.07161	1.07161	0.897455	1.02167	1.02167	0.836276	-1.19578	0.971055	1.02966	-1.04939	0.214453	0.794853	1.25808	0.170993	0.904613	1.10539	1.07099	0.908718	1.09253	0.921683	0.780052	-1.02055	0.604476	0.235007	0.614448	1
cg08997294	WDR70	0.768602	0.651089	0.874671	-1.14329	0.232919	1.44649	1.44649	0.520705	1.21104	1.21104	0.76128	0.916717	-1.09085	0.455936	0.798881	-1.25175	0.510865	1.21671	1.21671	0.308089	1.37065	1.37065	0.964341	0.98937	-1.01324	0.466113	1.23437	1.23437	0.604401	0.822666	1.21787	1
cg04146633	IGSF3;IGSF3	0.768625	0.43985	1.32543	1.32543	0.758403	1.04176	1.04176	0.242951	0.770375	-1.29824	0.932666	0.953853	-1.04838	0.469898	1.5081	1.5081	0.54566	1.34556	1.34556	0.249514	1.14107	1.14107	0.409407	1.7311	1.7311	0.543451	1.60407	1.60407	0.602746	2.40065	3.5784	1
cg09772154	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.768629	0.229671	0.37235	-2.68564	0.8232	0.839119	-1.19173	0.97027	0.971211	-1.02964	0.310899	0.439639	-2.27459	0.295685	0.42743	2.33957	0.246844	0.18707	-2.58351	0.255569	0.394431	-2.5353	0.524201	0.602966	-1.65847	0.709633	0.745898	-1.34067	0.600403	0.842002	8.64903	1
cg17207736	SLC45A4 LRSAM1;LRSAM1;LRSAM1;LRSAM1;RPL	0.768638	0.715711	1.19763	1.19763	0.819471	0.893407	-1.11931	0.229653	0.537151	-1.86167	0.826699	1.11276	1.11276	0.581596	0.763955	-1.30898	0.689328	1.21913	1.21913	0.250449	1.80881	1.80881	0.4028	1.52524	1.52524	0.717291	0.835867	-1.19636	0.600391	2.31165	3.42244	1
cg14563165	L2	0.768639	0.602942	0.746563	-1.33947	0.821612	0.84678	-1.18094	0.699976	0.75189	-1.32998	0.732263	0.77654	-1.28776	0.11719	0.28556	-3.50189	0.284154	0.26916	2.26916	0.600498	0.677636	-1.47572	0.686811	0.74193	-1.34784	0.893625	0.90617	-1.10355	0.600389	5.15725	7.63542	1
cg22295383	SPN;SPN;SPN;SPN;SPN;SPN;SPN	0.768645	0.718682	1.12888	1.12888	0.716554	1.08691	1.08691	0.601221	1.14067	1.14067	0.288368	1.23574	1.23574	0.953233	0.9888	-1.01133	0.448872	1.14641	1.14641	0.108085	0.350693	0.881105	0.350693	0.881105	0.350693	0.881105	0.350693	0.881105	0.350693	0.881105	0.600023	0.634418	0.883442	0.350693	0.881105	1
cg26256539	TXNRD2	0.768654	0.995573	0.999018	-1.00098	0.935838	0.985837	-1.01437	0.483453	0.881461	-1.13448	0.9267	1.01644	1.01644	0.31641	0.61291	-1.63161	0.540266	1.1161	1.1161	0.083777	1.40357	1.40357	0.902402	0.9785	-1.02197	0.754064	1.05726	1.05726	0.603688	0.298438	0.441859	1
cg25467367	NUB1	0.768655	0.470714	1.40082	1.40082	0.245696	1.74667	1.74667	0.33702	0.634653	-1.57566	0.568748	1.30288	1.30288	0.803216	1.12152	1.12152	0.612469	0.790854	-1.26446	0.415551	0.693907	-1.44112	0.832051	0.907057	-1.10247	0.622695	0.796278	-1.25584	0.600368	2.00626	2.97042	1
cg01509099	NDUFV3	0.768664	0.591236	1.17624	1.17624	0.776527	1.09557	1.09557	0.128923	0.527524	-1.89603	0.724178	1.38783	1.38783	0.171276	0.242856	-4.11849	0.692533	1.25405	1.25405	0.229266	0.487424	-2.0516	0.922196	0.945874	-1.05722	0.932821	1.0492	1.0492	0.603154	0.108499	0.45766	1
cg23129282	RPL7L1	0.768671	0.323307	1.7817	1.7817	0.271462	0.91201	1.91201	0.860602	1.10464	1.10464	0.164194	0.317233	2.317233	0.696901	1.24809	1.24809	0.639937	1.3057	1.3057	0.790674	0.886272	-1.1557	0.605361	0.744454	-1.34327	0.845976	0.895738	-1.1164	0.600345	3.04772	4.51254	1
cg07121547	NPY2R	0.768679	0.91278	1.07779	1.07779	0.446589	1.14033	1.14033	0.100998	0.837306	1.19453	0.881382	0.932442	1.07242	0.352413	0.703067	-1.42202	0.740958	1.35458	1.35458	0.078862	0.694937	-1.43898	0.952521	1.05024	1.05024	0.711312	0.815589	-1.22619	0.605217	0.44003	0.945309	1.19238	1
cg01432552	PTPRR;PTPRR	0.768693	0.530187	1.58567	1.58567	0.476395	1.69038	1.69038	0.633502	1.44658	1.44658	0.702206	0.756912	-1.32116	0.264658	0.430484	-2.32297	0.641144	0.711546	-1.40539	0.325263	0.47883	-2.08842	0.534887	0.57715	1.57715	0.567093	0.657433	-1.52107	0.600313	0.49714	0.739931	1
cg20866785	ARHGAP10	0.768699	0.932952	0.97202	-1.02878	0.330538	1.40301	1.40301	0.628738	1.17859	1.17859	0.662883	1.14351	1.14351	0.457178	0.781159	-1.28015	0.992412	0.996798	-1.00321	0.977587	0.99057	-1.00955	0.906651	1.04016	1.04016	0.133568	0.579416	-1.72587	0.600305	0.108142	1.60128	1
cg18811601	SH3KBP1	0.768702	0.338596	1.89175	1.89175	0.449794	0.919777	1.08337	0.614812	1.08337	0.614812	0.648588	0.83731	-1.19457	0.216608	0.844585	-1.18371	0.124705	0.221935	-4.50582	0.147612	0.729058	-1.37156	0.557336	0.584131	-1.71195	0.763452	1.31446	1.31446	0.600287	7.8024	11.5336	1
cg06757187	DGCR2	0.768717	0.889187	1.04571	1.04571	0.690681	1.13681	1.13681	0.265992	1.45	1.45	0.723153	1.12078	1.12078	0.47946	0.794166	-1.25918	0.588372	0.839319	-1.19144	0.207826	0.653279	-1.53074	0.596335	1.18693	1.18693	0.81266	1.07908	1.07908	0.600281	0.977018	1.44676	1
cg01269344	HUNK	0.768741	0.914562	1.03858	1.03858	0.837838	0.948382	1.05452	0.205049	0.80349	-1.2451	0.443961	0.924241	1.08154	0.188354	0.713225	-1.40202	0.388504	0.778358	-1.28501	0.118308	0.20837	-4.79853	0.086284	0.17225	-5.80355	0.172338	0.108837	1.09837	0.896284	0.596702	-1.01436	0.415683	1.24047	1.02448	0.603748	0.944578	1
cg26585644	DCI	0.768745	0.470654	1.45424	1.45424	0.171309	2.10269	2.10269	0.757474	1.17123	1.17123	0.880719	1.07963	1.07963	0.894994	1.0677	1.0677	0.607124	0.767473	1.30298	0.821293	0.890968	-1.12237	0.240872	1.87107	1.87107	0.346666	1.63967	1.63967	0.600241	0.724528	3.66561	1
cg27095612	NFE2L1	0.768758	0.881482	0.881482	-1.13445	0.859122	1.05533	1.05533	0.635174	0.861579	-1.16066	0.437525	0.786902	-1.27099	0.090302	0.996589	-1.00342	0.739035	0.903781	1.10645	0.571342	0.844322	-1.1879	0.211016	1.49001	1.49001	0.123292	0.67872	-1.47356	0.600223	0.874971	1.28261	1
cg22017996	RAC2	0.768758	0.478542	1.42487	1.5508	0.751915	1.21305	1.21305	0.284865	0.50839	-1.96699	0.245306	0.477064	-2.09615	0.309194	0.5268	-1.89825	0.6333	0.746231	-1.34007	0.245071	0.616366	-1.62241	0.55042	1.44476	1.44476	0.598845	0.723761	-1.38167	0.602222	5.52585	5.22155	1
cg13050199	ALG10B	0.768771	0.734628	0.841847	-1.18786	0.661287	1.24993	1.24993	0.469636	1.45096	1.45096	0.914362	0.947024	-1.05594	0.356307	0.618739	-1.61619	0.707988	0.826638	-1.20972	0.854092	1.09762	1.09762	0.540762	0.731016	-1.36796	0.159689	0.23884	2.13884	0.600204	0.24339	0.360459	1
cg13890552	CACNA1B	0.768779	0.649779	0.779372	1.28335	0.657163	1.21363	1.21363	0.240501	0.880182	1.13609	0.760995	1.02621	1.02621	0.896299	1.00356	1.00356	0.912658	0.975505	1.02301	0.204098	1.32038	1.32038	0.160343	0.732704	-1.36481	0.737155	0.932534	-1.07236	0.600306	0.687944	0.965352	1
cg01195127	YIPF4;YIPF4	0.768782	0.959125	1.00767	1.00767	0.559491	1.09192	1.09192	0.412852	1.13286	1.13286	0.219557	0.825003	-1.21212	0.242631	1.19986	1.19986	0.670956	1.06575	1.06575	0.556531	1.09266	1.09266	0.830369	1.03248	1.03248	0.776567	0.95849	-1.04331	0.600188	0.211048	0.312565	1
cg00165981	COL4A3BP;COL4A3BP;COL4A3BP;POLK	0.768783	0.61713	1.31642	1.31642	0.7385	1.20051	1.20051	0.0669771	0.36487	3.06487	0.763289	1.1791	1.1791	0.481432	1.47744	1.47744	0.748232	1.19203	1.19203	0.90617	0.937707	-1.06643	0.950161	0.96648	-1.03468	0.474872	1.48642	1.48642	0.601187	2.82805	4.1884	1
cg01906015	NKAIN3;NKAIN3	0.768801	0.135788	1.23498	1.23498	0.612695	0.935174	-1.06932	0.391646	0.891161	-1.12213	0.361338	0.884091	-1.13111	0.854613	0.976206	-1.02437	0.832873	0.972638	-1.02813	0.884173	1.01932	1.01932	0.913399	1.01439	1.01439	0.993265	1.00111	1.00111	0.600163	0.163847	0.24267	1
cg03728850	USP51;USP51 TAP8P;TAP8P;TAP8P-TAP8P;TAP8P;TAP8P;TAP	0.768813	0.540007	0.519966	-1.9232	0.741346	1.41788	1.41788	0.202988	0.49755	-2.01005	0.449755	0.847297	-1.18017	0.144448	0.847297	-1.18017	0.716685	1.22044	1.22044	-1.54455	0.451676	-2.08807	0.665188	0.651599	-1.58246	0.561538	1.85668	1.85668	0.600445	10.5621	16.6497	1
cg16995420	BP	0.76882	?	?	?	?	?	?	?	0.6651378	0.725649	-1.37808	0.850257	0.875245	-1.14254	0.657719	0.730247	-1.3694	0.216547	0.399803	-2.50123	?	?	?	0.420891	1.78553	1.78553	0.682548	0.748327	-1.33631	0.5355	2.81036	6.99747	1
cg16786640	DOK7;DOK7	0.768826	0.427839	0.463235	-2.15873	0.50554	0.526135	-1.90065	0.786359	0.772398	-1.29467	0.850244	1.18986	1.18986	0.199805	0.275937	-3.62401	0.586446	0.593242	-1.68565	0.12631	?	0.207575	-4.81754	0.54344	0.557305	-1.79435	0.894693	0.88171	-1.13416	0.600127	8.58875	12.7214	1
cg14719959	CHD7	0.768833	0.645659	0.722743	-1.38362	0.251066	0.43126	-2.31879	0.701438	0.763258	-1.31017	0.766638	1.23211	1.23211	0.514273	0.628862	-1.59017	0.345355	0.505805	-1.97705	0.378383	0.515551	-1.88483	0.156757	0.345684	-2.89281	0.939816	1.05438	1.05438	0.600117	4.67489	6.92442	1
cg24311564	DPP6;DPP6;DPP6	0.768843	0.413227	2.42227	0.62023	0.290424	2.24561	2.24561	0.34192	1.31179	1.31179	0.76613	1.30103	1.30103	0.247501	1.3119	1.3119	0.609027	1.6668	1.6668	0.45041	1.31119	1.31119	0.486688	1.0055	1.0055	0.592507	1.70224	1.70224	0.600224	0.807471	1.28261	1
cg06075393	RASSF2;RASSF2	0.768859	0.522633	0.42262	-2.36639	0.728698	1.58862	1.58862	0.388653	0.309001	-3.23624	0.772376	0.680077	-1.47042	0.735673	0.637372	-1.56894	0.671389	0.567085	-1.76341	0.559334	0.456213	-2.19196	0.450549	0.359898	-2.77856	0.166654	0.70013	0.70013	0.600081	16.7932	24.8755	1
cg15240686	GSTTP1	0.768862	0.537799	1.37909	-1.37909	0.916454	0.81955	-1.22018	0.653186	0.421998	-2.36968	0.598219	0.75692	-1.32158	0.292408	0.889727	-1.11449	0.610626	2.64817	2.64817	0.384273	0.85252	-1.17295	0.254698	0.10483	-9.55929	0.746539	1.85391	1.85391	0.600476	34.1819	50.6334	1
cg25987871	TRAPPC9;TRAPPC9	0.768866	0.600602	1.26135	1.26135	0.528858	1.32369	1.32369	0.679131	1.20061	1.20061	0.259764	1.67651	1.67651	0.265554	1.66522	1.66522	0.541994	1.31169	1.31169	0.696062	0.841514	-1.18833	0.736424	0.862013	-1.16008	0.383045	0.674913	-1.48167	0.60077	1.83603	2.71973	1
ch.5.2819146F	TCOF1;TCOF1;TCOF1;TCOF1;TCOF1	0.768873	0.140448	0.483305	-2.06909	0.942774	0.967619	-1.03346	0.802714	0.891563	-1.12163	0.789545	1.13049	1.13049	0.864526	0.924689	-1.08145	0.310049	1.61871	1.61871	0.779122	0.879045	-1.1376	0.672649	1.21514	1.21514	0.436456	0.694887	-1.43908	0.600061	1.99796	2.95964	1
cg16067773	RIN2	0.768876	0.576803	1.24586	1.24586	0.7565	1.12454	1.12454	0.4	0.882797	0.971198	-1.02966	0.922048	1.14178	1.14178	0.252128	0.920319	1.24566	1.24566	0.687412	0.578138	-1.72969	0.451101	0.353412	-2.82956	0.786957	0.602833	-1.44335	0.606876	1.78771	1.78771	0.600057	17.4397	25.8341	1
cg06203649	SMAD7	0.768882	0.948381	0.961473	-1.04007	0.891519	0.920529	-1.08633	0.171095	0.242145	2.42145	0.689088	0.783443	-1.27642	0.381553	0.580062	-1.72395	0.73815	1.22581	1.22581	0.357167	0.562858	-1.77665	0.558344	1.43218	1.43218	0

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Probeset ID	UCSC_REFGENE_NAME FLI1;EWSR1;FLI1;EWSR1;ARID4A;ARID4A;ARI	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error)
cg02136725	ADA	0.769514	0.332901	0.611951	-1.63412	0.806481	1.12826	1.126826	0.365898	0.633339	-1.57893	0.755644	1.16589	1.16589	1.01455	1.01455	0.462716	-2.16115	0.867864	0.921393	-1.08531	0.602147	1.29512	1.29512	0.905105	1.06039	1.06039	0.831122	1.11072	1.11072	0.599162	2.29398	3.40324	1
cg25553841	RNU5F;RNU5D;CKMT2;CKMT2;CKMT2	0.76952	0.964326	0.984061	-1.0162	0.982241	1.00803	1.00803	0.497456	0.78078	-1.28077	0.730678	1.13217	1.13217	0.22273	0.631099	-1.58454		0.938917	1.02792	1.02792	0.827153	0.924447	-1.08173	0.710475	1.14334	1.14334	0.132044	0.55769	-1.79311	0.599153	1.22463	1.81682	1
cg14335069	CSDC2	0.769558	0.159505	0.441472	-2.26515	0.8358	0.893252	-1.1195	0.948064	0.965189	-1.03607	0.758617	0.84565	-1.18252	0.332257	0.580393	-1.72297		0.663276	0.78798	-1.26907	0.204896	0.48309	-2.07001	0.280926	0.543587	-1.83963	0.614306	0.758528	1.32041	0.5991	2.80703	4.16481	1
cg09430060	BCAT2;BCAT2;BCAT2;BCAT2	0.769578	0.735391	1.05863	1.05863	0.38546	1.1612	1.1612	0.458378	0.880931	-1.13516	0.752895	0.948331	-1.05416	0.724884	0.888826	1.20317		0.872139	0.973307	-1.02742	0.741541	0.945922	-1.05717	0.682137	1.07162	1.07162	0.24704	0.81602	-1.22546	0.599072	0.267712	0.397224	1
cg18474502	ACADSB	0.769593	0.992006	0.997426	-1.00258	0.386802	0.795941	-1.25637	0.212846	0.713522	-1.4015	0.476338	0.830013	-1.2048	0.163922	0.68239	-1.46544		0.96052	0.895424	-1.11679	0.776182	1.07609	1.07609	0.888912	1.03661	1.03661	0.85562	1.04797	1.04797	0.599052	0.62797	0.931799	1
cg02385809	EEF1E1;EEF1E1;EEF1E1;EEF1E1	0.769593	0.873797	0.968463	-1.03256	0.832547	1.00977	1.00977	0.771953	0.9411	-1.06033	0.898659	1.07825	1.07825	0.56194	0.888502	-1.12548		0.744992	0.936175	1.06818	0.959829	0.689795	-1.44979	0.346083	0.823332	-1.21505	0.70023	1.08111	1.08111	0.599051	0.385574	0.572126	1
cg00231875	SPON1	0.76962	0.708716	1.21579	2.115552	0.507287	-1.97127	0.672148	0.801208	1.248131	0.598795	1.31842	1.31842	1.31842	0.411994	0.646135	-1.54766		0.571147	1.34716	1.34716	0.303131	1.74256	1.74256	0.818265	1.12731	1.12731	0.835977	1.11399	1.11399	0.599039	2.57198	3.81645	1
cg18587504	LOC283663	0.769602	0.346821	1.1842	1.1842	0.703072	0.935348	-1.06912	0.471031	1.13651	1.13651	0.341195	0.84268	-1.18669	0.461062	1.13992	1.13992		0.985488	0.996831	-1.00318	0.263725	0.816016	-1.22547	0.815372	0.960002	-1.04166	0.930437	0.984878	-1.01535	0.599039	0.288955	0.428769	1
cg02562579	CDR22B	0.769606	0.810652	1.19778	1.19778	0.719206	0.935016	1.12506	0.597126	1.143452	0.779316	1.143452	0.779316	1.143452	0.779316	1.143452	0.779397		0.955692	1.08697	1.03087	0.847701	1.23475	1.23475	0.814307	1.16021	1.16021	0.599032	0.404995	0.600962	1
cg23762262	GALNT13	0.769618	0.182268	0.580409	-1.72292	0.922007	-1.03835	0.183095	0.887999	0.947286	-1.05565	0.911104	0.957988	-1.04385	0.707241	0.865031	-1.15603		0.161518	0.562954	-1.77634	0.286861	0.653765	-1.5296	0.46432	0.751101	-1.33138	0.811974	0.912488	-1.0959	0.599016	1.40111	2.07912	1
cg20177814	DYNLL1;SPR59 RNASEH2B;RNASEH2B;RNASEH2B;RNA	0.769626	0.404291	1.37181	1.37181	0.312143	1.47305	1.47305	0.703798	0.868048	-1.15201	0.227628	1.59868	1.59868	0.20758	1.63607	1.63607		0.515275	1.27687	1.27687	0.426638	1.35081	1.35081	0.935473	1.03045	1.03045	0.674039	1.16966	1.16966	0.599005	1.30196	1.93203	1
cg26243475	SEH2B	0.769627	0.440836	1.36652	1.34652	0.644666	0.838802	-1.19218	0.464586	1.32543	1.32543	0.30847	0.666453	-1.50048	0.364597	0.702831	-1.42282		0.896297	1.0506	1.0506	0.277638	0.652235	-1.53319	0.942098	1.02788	1.02788	0.885755	1.05593	1.05593	0.599003	1.35923	2.01702	1
cg22831140	DNAJC19	0.769633	0.669291	0.750586	-1.33151	0.338745	0.854581	-1.17045	0.203337	0.717493	2.532654	2.532654	0.316124	0.965359	-1.03584	0.795667	1.18067		0.587967	1.41919	1.41919	0.961042	1.03175	1.03175	0.704769	1.27586	1.27586	0.55842	1.46045	1.46045	0.598996	3.8857	5.76624	1
cg24943998	OCA2	0.769637	0.619154	0.760825	-1.31436	0.612777	1.32104	1.32104	0.924968	0.94991	-1.05273	0.852367	0.903364	-1.10697	0.653117	1.27992	1.27992		0.688581	0.802694	-1.2458	0.331922	0.579221	-1.72646	0.267018	1.87918	1.87918	0.259722	0.526566	-1.8991	0.598989	2.82325	4.18964	1
cg17998013	HAC1;HAC1;IBTD	0.769668	0.337603	3.75468	3.75468	0.972122	1.0121	1.0121	0.855705	0.783794	-1.27584	0.253677	0.937093	0.92099	-1.08497	0.284877	0.42221	-2.43221	0.328253	3.8593	3.8593	0.511098	0.415624	-2.4294	0.745206	1.5471	1.5471	0.838018	0.760376	-1.31514	0.598946	16.9898	25.2143	1
cg07830086	KCNN1	0.769682	0.706416	1.0837	1.0837	0.319744	1.24411	1.24411	0.409187	0.835846	-1.19539	0.27603	0.837565	1.31605	0.820969	1.04933	1.04933		0.426301	0.841507	-1.18834	0.257924	0.778194	-1.28501	0.719366	1.08215	1.08215	0.839803	1.04093	1.04093	0.598926	0.428605	0.635286	1
cg19752094	LRRC32;LRRC32	0.769715	0.256767	0.723459	-1.38225	0.770877	0.923355	-1.08301	0.77235	0.923846	-1.08243	0.842188	0.947033	-1.05593	0.497016	1.20763	1.20763		0.431748	0.80276	-1.2457	0.837307	0.945413	-1.05774	0.173144	0.670582	-1.49102	0.39209	0.786462	-1.27152	0.595862	0.688291	0.898426	1
cg05153538	RCL1 FLNB;FLNB;FLNB;FLNB;FLNB;FLNB;FLNB;	0.769733	0.654139	1.23791	1.23791	0.466774	1.13076	1.13076	0.466774	1.02952	1.02952	0.510374	1.33776	1.33776	0.754565	1.14646	1.14646		0.379871	1.48082	1.48082	0.807074	2.25643	2.25643	0.74	0.964098	-1.15221	0.611664	1.25	1.25	0.598855	1.80152	2.67402	1
cg00077017	FLNB	0.769741	0.983866	1.00546	1.00546	0.893442	1.03674	1.03674	0.687943	1.11481	1.11481	0.266489	0.732233	-1.36569	0.167092	1.48658	1.48658		0.599177	0.86697	-1.15346	0.589039	0.86345	-1.15814	0.732622	0.91182	-1.09671	0.681554	1.11747	1.11747	0.598443	0.687259	1.02013	1
cg08438392	IFT172	0.769742	0.523238	0.738306	-1.35445	0.487007	0.718074	-1.39261	0.600035	1.28161	1.28161	0.481183	1.39902	1.39902	0.447896	0.695778	-1.43724		0.291805	0.598731	-1.6702	0.409698	0.673416	-1.48497	0.598008	0.779172	-1.28341	0.505775	1.3725	1.3725	0.598842	2.08578	3.09603	1
cg14407240	DPYD	0.769749	0.881437	0.931826	-1.07316	0.227111	1.82197	1.82197	0.92307	0.953758	-1.04848	0.829461	1.10744	1.10744	0.443388	0.691508	-1.44611		0.967106	0.986079	-1.0197	0.651614	0.806507	-1.23991	0.177619	1.96958	1.96958	0.789828	0.881276	-1.13472	0.598323	2.12285	3.1511	1
cg18433794	S100B	0.769768	0.361815	0.448333	-2.24168	0.217585	0.233298	-4.28536	0.153273	0.441368	2.256204	2.256204	0.562207	1.245558	0.949402	1.08855	1.08855		0.584204	0.623508	0.544595	0.922058	0.488354	0.389941	-2.56449	0.390107	0.598805	0.95409	10.1229	1
cg17802633	PROKR1	0.769777	0.447379	1.58543	1.58543	0.208212	0.225285	2.225285	0.279348	0.512054	-1.95292	0.385824	1.69739	1.69739	0.907527	0.933183	-1.0716		0.719847	1.23904	1.23904	0.987184	0.990486	-1.00961	0.959904	1.03037	1.03037	0.545013	1.43987	1.43987	0.598793	3.3588	4.98602	1
cg07338205	GEP2;GEP2;GEP2;GEP2	0.769784	0.592313	0.672662	0.743142	0.72276	1.21025	1.21025	0.855705	0.783794	-1.27584	0.253677	0.937093	0.92099	-1.08497	0.284877	0.42221	-2.43221	0.416305	0.415561	-2.40478	0.188954	0.944342	-1.05894	0.323319	1.24381	1.24381	0.794059	1.07078	-1.40707	0.598581	1.83596	2.71837	1
cg07609391	RSPRY1;FAM192A	0.769785	0.892886	0.962336	-1.03914	0.418494	1.26568	1.26568	0.876607	1.04528	1.04528	0.546077	0.840207	-1.19018	0.773443	0.921031	-1.08574		0.826131	1.06471	1.06471	0.507322	0.825549	-1.21131	0.573241	0.850261	-1.17611	0.130778	1.5784	1.5784	0.598781	0.770265	1.14346	1
cg10883421	RMND1;Clorf211	0.769791	7	7	7	0.220917	3.78626	3.78626	0.225524	3.73096	3.73096	0.539609	1.89421	1.89421	0.971558	1.03728	1.03728		0.628302	1.64963	1.64963	0.710493	1.46678	1.46678	0.753436	0.723482	-1.3822	7	7	7	0.558735	1.702118	12.7112	1
cg16133875	C9orf72;C9orf72	0.769791	0.527576	0.604734	-1.65362	0.614757	1.18275	1.18275	0.946774	1.02952	1.02952	0.510374	1.33776	1.33776	0.754565	1.14646	1.14646		0.554671	0.625575	-1.5983	0.711272	0.748518	-1.33597	0.442611	0.526599	-1.89898	0.958861	0.960606	-1.04101	0.598776	1.88182	2.80162	1
cg08374664	XPNPEP1;XPNPEP1;XPNPEP1	0.769804	0.537217	1.40053	1.40053	0.919422	1.05607	1.05607	0.576197	1.35588	1.35588	0.961283	0.974169	-1.06252	0.613516	0.637177	-1.56942		0.878548	0.920863	-1.08594	0.207545	0.2473	0.2473	0.3045	1.77314	1.77314	0.514948	0.70048	-1.42759	0.598756	2.75645	4.09212	1
cg01990874	CDX73	0.76985	0.488364	1.11205	1.11205	0.629864	0.974251	1.04357	0.966502	1.00464	-1.11774	0.702513	0.55571	-1.79992	0.555371	0.777028	-1.28694	0.722119	0.34015	1.14135	1.14135	0.377381	0.178541	0.87843	-1.13851	0.598712	2.0475	3.04771	1
cg01717291	TRAM2	0.769847	0.952435	0.949379	-1.05332	0.540837	0.583246	-1.71454	0.552981	1.68654	1.68654	0.911409	1.10178	1.10178	0.311035	0.40141	2.49122		0.268784	0.366771	-2.7265	0.413978	0.483232	-2.0694	0.311284	0.401611	-2.48997	0.607124	1.57093	1.57093	0.598695	7.19101	10.6766	1
cg04995588	SBNO2;SBNO2 CAMK2B;CAMK2B;CAMK2B;CAMK2B;C	0.769847	0.812774	1.13213	1.13213	0.782189	0.80516	-1.15599	0.769726	1.14646	1.14646	0.27602	1.16272	1.67202	0.302102	1.39456	1.39456		0.240891	1.90058	1.90058	0.340828	2.2738	2.2738	0.246459	1.50091	1.50091	0.491655	1.44098	1.44098	0.598694	2.59397	3.85131	1
cg10201685	AMK2B;CAMK2B;CAMK2B;CAMK2B	0.769861	0.519547	1.24505	1.24505	0.997954	1.00086	1.00086	0.634094	1.17465	1.17465	0.427917	1.31221	1.31221	0.233121	0.657237	-1.52152		0.449812	0.772189	-1.29502	0.734397	0.891969	-1.12112	0.62422	0.847258	-1.18028	0.40418	1.33183	1.33183	0.598675	1.06859	1.5866	1
cg07482626	CLCN7;CLCN7	0.769862	0.491852	1.20158	1.20158	0.657452	0.8742	1.1762	0.163621	0.882049	-2.61746	0.382126	0.992935	-1.00712	0.994373	0.994373	-1.00627		0.577282	0.694587	-1.4397	0.553319	0.678324	-1.47422	0.418934	0.760274	1.37209	0.884762	0.455125	-2.19624	0.598674	1.37209	0.884762	1
cg14240490	UBE2F GRIN1;GRIN1;GRIN1;GRIN1;GRIN1;GRI	0.769865	0.931858	1.03174	1.03174	0.525858	1.26471	1.26471	0.580464	1.22625	1.22625	0.483997	1.29675	1.29675	0.639883	0.841845	-1.18787		0.312689	1.46454	1.46454	0.79439	0.902512	-1.10802	0.358074	0.708014	-1.4124	0.323753	0.689115	-1.45114	0.598669	1.26562	1.87915	1
cg16850171	N1	0.769893	0.629108	1.33289	1.33289	0.326986	1.81751	1.81751	0.567098	1.40715	1.40715	0.252747	2.02451	2.02451	0.645321	1.31474	1.31474		0.574016	1.39845	1.39845	0.260426	0.500046	-1.99982	0.599857	1.3669	1.3669	0.567221	1.407	1.407	0.59863	3.30513	4.90769	1
cg16332060	C11orf60;C11orf60	0.769902	0.521783	0.821261	-1.21764	0.563816	0.919359	1.19355	0.159755	1.57903	1.57903	0.702031	0.89986	-1.12365	0.417768	0.777924	-1.28547		0.96959	1.01163	1.01163	0.43204	0.784123	-1.27531	0.824795	1.06955	1.06955	0.941021	0.977809	-1.02269	0.597618	0.871992	1.29483	1
cg01834155	ZCWPW1	0.769923	0.859428	1.04802	1.04802	0.52625	1.1016	1.1016	0.31662	1.1058	1.1058	0.42652	1.1958	1.1958	0.180156	1.139	1.139		0.964884	0.98059	-1.02041	0.884783	0.984519	-1.01572	0.917393	1.10265	1.10265	0.887369	0.875042	1.1428	1.1428	0.59859	0.41067	1.02486	1
cg21411942	TIMMBA;TIMMBA;TIMMBA;TIMMBA	0.769923	0.291137	0.409411	-2.44253	0.678617	1.40451	1.40451	0.792127	1.24027	1.24027	0.352173	2.18263	2.18263	0.58354	1.57043	1.57043		0.370552	0.472548	-2.31619	0.318241	2.31869	2.31869	0.858563	0.86466	-1.15652	0.969516	0.969327	-1.03164	0.598588	6.30074	9.35645	1
cg17679246	PDK1	0.769928	0.505035	0.743977	-1.34512	0.387261	0.677445	-1.47613	0.812369	1.13015	1.13015	0.776387	0.88238	-1.1333	0.319429	0.645004	-1.55023		0.416305	0.415561	-2.40478	0.188954	0.944342	-1.05894	0.323319	1.24381	1.24381	0.794059	1.07078	-1.40707	0.598581	1.83596	2.71837	1
cg08988179	C1QL1	0.76993	0.366832	0.784238	0.973788	0.733868	1.36264	1.36264	0.33205	0.837383	-1.31992	0.799971	1.07371	1.07371	0.838413	0.740867	-1.35017		0.274658	0.727319	-1.3749	0.382752	0.778226	-1.28497	0.526205	0.752803	-1.32837	0.529369	1.17752	1.17752	0.598576	0.7439	1.1047	1
cg22450158	HNRNPR;HNRNPR;HNRNPR;HNRNPR	0.769944	0.567969	1.10292	1.10292	0.860185	1.03038	1.03038	0.949001	1.01092	1.01092	0.386444	0.860113	-1.16264	0.512807	0.893455	-1.11925		0.163841	0.777107	-1.28682	0.34534	0.847925	-1.17935	0.39305	0.861997	-1.1601	0.902237	0.979358	-1.02108	0.598558	0.273101	0.405569	1
cg08802135	PLCG2	0.769945	0.487357	1.18677	1.18677	0.4	7	7	0.665093	1.04374	1.04374	0.744842	0.923814	-1.08247	0.732173	1.0905	1.0905		0.11914	0.381047	2.62175	0.14045	0.11914	0.381047	2.62175	0.14045	0.11914	0.381047	2.62175	0.14045	0.11914	0.381047	2.62175	0.14045	0.598591	0.155506	0.155506	0.14358	0.482124	0.828991	1
cg16837525	DYRK1A	0.769949	0.989623	1.0102	1.0102	0.638765	0.69074	-1.44772	0.79033	0.812075	-1.23141	7	7	7	7	0.964093	0.556932	-1.79555	0.254049	0.623913	1.47226	1.47226	7	7	7	0.964093	0.556932	-1.79555	0.254049	0.623913	1.47226	1.47226	7	7	7	0.964093	0.556932	-1.79555	0.254049	0.57106	0.253066	3.25077	6.12585	1
cg20987548	KIAA1530	0.76996	0.32149	0.794551	-1.25835	0.872087	1.04865	1.04865	0.751253	0.896589	-1.11521	0.51648	1.2174	1.2174	0.506361	0.758075	-1.31913		0.918253	0.976198	-1.02472	0.218379	1.45147	1.45147	0.975835	0.991113	-1.00897	0.501266	0.817792	-1.2228	0.598536	0.823292	1.12268	1
cg14772068	MAGEH1	0.769961	0.309726	1.26846	1.26846	0.707059	0.623562	-1.60369	0.842291	0.964768	-1.24259	0.152047	0.8185	0.8185	0.896368	0.849568	-1.17707		0.132292	0.286223	-3.49378	0.924939	0.888793	-1.12512	0.954232	0.930713	-1.07444	0.920813	0.883031	-1.13246	0.598535	0.84862	2.03313	1
cg00677815	CCM2;CCM2;CCM2;CCM2	0.769976	0.352555	0.809546	-1.23526	0.831163	1.04829	1.04829	0.850811	0.959207	-1.04246	0.252407	0.767936	-1.30219	0.757716	0.933943	-1.07073		0.860138	0.961797	-1.03972	0.174776	0.727038	-1.37544	0.511486	0.863234	-1.15843	0.53074	1.15056	1.15056	0.59853	0.462388	0.686721	1
cg00369106	EHMT2;EHMT2	0.76998	0.31807	0.809042	-1.23581	0.842	1.05477	1.05477	0.802305	0.938651	-1.06561	0.318861	0.814999	0.814999	0.85302	0.854814	-1.16997		0.541355	1.1522	1.1522	0.424797	1.19159	1.19159	0.732778	1.23779	1.23779	0.237022	1.3053	1.3053	0.598508	0.438418	0.655127	1
cg13921000	SEC61G;SEC61G	0.769982	0.298812	0.711829	-1.40483	0.471761	1.25992	1.25992	0.815214	0.928768	-1.07669	0.661609	1.14915	1.14915	0.434139	0.777316	-1.28648		0.311337	0.718478	-1.39183	0.688909	1.13544	1.13544	0.816502	0.929258	-1.07613	0.409284	1.30523	1.30523	0.598505	0.944423	1.40264	1
cg20795678	GLG4;ACADVL;ACADVL	0.769992	0.539565	0.876039	-1.1415	0.313413	1.18478	1.24878	0.781784	1.06095	1.06095	0.210469	0.75486	-1.32475	0.847427	0.847427	1.04189	1.04189	0.879925	0.968302	-1.03274	0.788594	0.944342	-1.05894	0.323319	1.24381	1.24381	0.794059	1.07078	-1.40707	0.598581	1.83596	2.71837	1
cg19008780	CCPG1;CCPG1	0.769995	0.975446	0.9069	1.0069	0.714043	0.921034	-1.08574	0.531158	0.86793	-1.15217	0.573233	1.13567	1.13567	0.695295	1.10425	1.10425		0.765083	1.06927	1.06927	0.792266	0.94271	-1.06077	0.992325	0.751383	1.51183	1.51183	0.626182	1.11597	1.11597	0.598487	0.473536	0.703308	1
cg04331561	TLL1	0.77	0.257122	0.265561	-3.76561	0.710234	0.6581	-1.51953	0.450714	0.422503	-2.36684	0.303828	0.303025	-3.30006	0.647575	0.596908	-1.6753		0.9771	0.968333	-1.0327	0.629314	0.579683	-1.72508	0.421367	2.51143	2.51143	0.255249	0.264054	-3.78711	0.59848	11.9131	17.6939	1
cg11186981	HMGB3;HMGB3	0.770014	0.494757	1.19477	1.19477	0.7	7	7	0.923985	0.984456	1.02617	1.02617	0.304904	0.49011	-2.04082	0.442565	0.3665	-2.72907	0.245497	0.233627	-4.28051	0.146158	0.059808	-16.7206	0.059808	-16.7206	0.059808	-16.7206	0.059808	-16.7206	0.059808	-16.7206	0.059808	-16.7206	0.598524	0.223184	0.058148	16.6599	24.7449	1
cg14162952	SESN1	0.770016	0.767582	1.10651	1.10651	0.263698	1.484	1.484	0.610761	1.018796	1.18996	0.888437	1.0487	1.0487	0.408035	0.761186	-1.31374		0.398757	0.746246	-1.3404	0.402739	0.744862	-1.3353	0.730776	0.838556	1.19256	0.838556	1.19256	0.838556	1.19256	0.838556	1.19256	0.838556	1.19256	0.598523	0.748866	-1.12416	0.598457	1.08797	1.61597	1
cg13508949	KLHL2;KLHL2;KLHL2;KLHL2	0.770019	0.882861	1.13327	1.13327	0.872087	1.04865	1.04865	0.751253	0.896589	-1.11521	0.516767	1.2174	1.2174	0.506361	0.758075	-1.31913		0.918253	0.976198	-1.02472	0.218379	1.45147	1.45147	0.975835	0.991113	-1.00897	0.501266	0.817792	-1.2228	0.598536	0.823292	1.12268	1
cg11969144	LMO4	0.770021	0.52834	0.734481	-1.36151	0.95088	0.97068	-1.03021	0.713907	0.837051	-1.19467	0.727841	0.380275	-2.62968	0.768716	1.15308	1.15308		0.768701	1.15309	1.15309	0.621819	0.786485	-1.27148	0.739952	0.851373	-1.17457	0.592433	0.770263	-1.29826	0.59845	2.21167	3.28503	1
cg21838880	ZNF461;ZNF461	0.770026	0.501195	0.885346	-1.1295	0.634853	0.918203	-1.08908	0.575976	1.22402	1.22402	0.576995	0.904372	-1.10574	0.98126	1.0042	1.0042		0.158409	0.764181	-1.30859	0.567635	0.902085	-1.10836	0.640034	0.919417	-1.08765	0.598444	0.301577	0.447943	1
cg12400025	TRAF3IP2;TRAF3IP2;TRAF3IP2	0.770029	0.812707	1.09268	1.09268	0.413116	1.36461	1.36461	0.414371	0.773134	-1.41314	0.422355	0.61429	-1.62788	0.80174	0.858321	-1.1649		0.905035	0.894005	-1.1229	0.212202	1.28738	1.28738	0.729936	1.29936	1.29936	0.999248	0.999076	-1.00093	0.598439	0.31932	0.51641	1
cg17283139	DUSP10;DUSP10	0.770037	0.88428	1.09181	1.09181	0.697048	0.789816	-1.26612	0.643811	1.32421	1.32421	0.987513	1.01085	1.01085	0.609164	0.732714	-1.36479		0.546339	0.691977	-1.44513	0.0749991	0.302438	-3.30647	0.614189	0.735969	-1.35875	0.784336	0.847511	-1.17993	0.598428	3.44753	5.12086	1
cg02295678	DLG4;ACADVL;ACADVL	0.770042	0.355794	1.22896	1.22896	0.156372	0.706	-1.38966	0.996568	1.00093	1.00093	1.020974	0.868546	-1.15155	0.403627	0.830704	-1.2038		0.578404	1.12954	1.12954	0.922946	1.10938	1.10938	0.917857	-1.01229	0.96669	0.990978	-1.0091	0.598421	0.464429	0.663121	1
cg11182931	MIR548H3;CSorf167	0.770069	0.973707	0.98585	1.00585	0.177417	1.2889	1.2889	0.920134	0.982482	-1.01782	0.306533	1.20614	1.20614	0.431329	0.7528	1.1528		0.874545	0.972413	-1.02837	0.358727	0.846126	-1.18186	0.708119	1.06885	1.06885	0.738888	1.06102	1.06102	0.598383	0.297069	0.441291	1
cg07474670	NCOR2;NCOR2	0.770077	0.568236	0.505309	-1.97899	0.446211	0.399557	-2.50654	0.708481	1.55971	1.55971	0.541588	0.48129	-2.07775	0.658509	0.590732	-1.69282		0.211306	0.475171	4.75171	0.372857	0.338686	-2.95259	0.670071	1.66063	1.66063	0.676017	1.64442	1.64442	0.598372	13.273	19.7171	1
cg08352790	JAG1	0.770084	0.49845	1.20172	1.20172	0.562639	0.594353	-1.68264	0.779745	0.923585	-1.08456	0.72527	1.32885	1.32885	0.344322	0.525265

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg25741319	CCDC158	0.770859	0.262841	0.639688	-1.56326	0.808415	0.911221	-1.07743	0.76784	1.11996	1.11996	0.821687	0.917235	-1.09023	0.587879	1.23294	1.23294	0.512812	0.775674	-1.2891	0.729719	1.37024	0.724564	-1.38014	0.429473	1.36161	1.36161	0.597274	1.38553	2.062	1
cg22465238	ALG3;ALG3;ALG3;ALG3;ECE2;ECE2	0.770872	0.496277	1.18129	1.18129	0.802459	0.941335	-1.06232	0.346031	1.26371	1.26371	0.609754	1.1322	1.1322	0.523896	1.16858	1.16858	0.356526	1.25699	1.26699	0.7362	1.08501	1.08501	0.120753	1.50058	1.50058	0.597256	0.55025	0.818931	1
cg12307237	ADAMTS2;ADAMTS2	0.770885	0.744545	0.746368	-1.33982	0.192148	3.43919	1.43919	0.697739	0.705258	-1.41792	0.949707	0.945126	-1.05806	0.25175	1.34256	-2.91912	0.845533	1.19067	1.19067	0.372374	0.4406593	-2.26915	0.755922	0.756554	-1.32178	0.649045	0.6636912	-1.50672	0.597238	7.57212	11.2698	1
cg13995101	MEF2C;MEF2C	0.770886	0.985368	0.965448	-1.00346	0.494123	1.13984	1.13984	0.146273	0.745193	-1.34193	0.77914	1.09445	1.09445	0.700969	1.07548	1.07548	0.441505	0.862449	-1.15964	0.927098	1.0783006	-1.01729	0.010949	0.90778	-1.10159	0.463695	1.15103	1.15103	0.597236	0.336409	0.506089	1
cg22485062	PTPN1	0.70591	0.965355	1.01678	1.01678	0.715175	1.15079	1.15079	0.171403	1.74696	1.74696	0.409253	0.723672	-1.38184	0.876992	0.94237	-1.06115	0.753086	1.12855	1.12855	0.413041	0.725647	-1.37808	0.808078	1.09774	1.09774	0.3783	1.41396	1.41396	0.597203	1.38895	2.06734	1
cg24137427	UBTF;UBTF;UBTF	0.770931	0.424313	0.877085	-1.14014	0.923865	1.01548	1.01548	0.412175	1.44427	1.44427	0.59769	1.08937	1.08937	0.226407	0.8133337	-1.22649	0.548011	1.10264	1.10264	0.38306	1.15462	1.15462	0.773918	0.9547063	-1.04738	0.869863	0.973099	-1.0267	0.597174	0.244339	0.363697	1
cg00556132	VGLL4;VGLL4	0.770941	0.547669	0.742695	-1.34645	0.423622	0.670617	-1.49116	0.349139	0.624234	-1.60196	0.850005	0.911593	-1.09698	0.710782	0.8133517	-1.19974	0.859141	0.916815	-1.09073	0.0772075	0.3826764	-2.61319	0.727839	0.842982	-1.18626	0.957886	1.02615	1.02615	0.59716	2.26072	3.36515	1
cg27621821	BLCAP;BLCAP;BLCAP;BLCAP	0.770956	0.410287	1.17397	1.17397	0.721183	1.07054	1.07054	0.323581	1.23434	1.23434	0.738817	0.958251	-1.06581	0.997375	0.9599374	-1.00063	0.912197	1.02123	1.02123	0.772086	0.9463306	-1.05674	0.905533	0.901044	-1.07499	0.121689	1.37655	1.37655	0.597139	0.34313	0.510777	1
cg14158153	SPTBN5	0.770978	0.332677	0.75107	-1.33141	0.671203	0.884873	-1.13011	0.208848	0.684215	-1.46153	0.788824	0.70953	1.18563	0.857353	0.660989	-1.49479	0.562319	0.845519	-1.18271	0.679052	1.12657	1.12657	0.940572	0.943938	-1.05939	0.595815	0.857834	1.16573	1.16573	0.597108	0.795954	1.15513	1
cg13139049	UBE2K;UBE2K;UBE2K	0.770986	0.641931	1.30433	1.30433	0.44774	0.643467	-1.55408	0.184955	0.443582	-2.25437	0.761711	1.18803	1.18803	0.914669	1.06254	1.06254	0.407394	1.6218	1.6218	0.610354	0.746975	-1.33873	0.605537	1.34415	1.34415	0.882564	1.08727	1.08727	0.590436	2.85225	3.2205	1
cg13891985	BEND7	0.771006	0.443005	0.845571	-1.6273	0.673317	0.795135	-1.2601	0.11708	0.354794	-2.81854	0.534886	0.682133	-1.46599	0.275237	0.5009766	-1.99562	0.329759	0.542163	-1.84446	0.844258	0.8906338	-1.12279	0.865798	0.907105	-1.10852	0.89661	1.08235	1.08235	0.597068	3.50944	5.21577	1
cg26739280	STBSA2	0.771008	0.985354	1.01728	1.01728	0.716291	0.711357	-1.40576	0.574277	0.588804	-1.69836	0.739875	0.732766	-1.36469	0.539057	1.78662	1.78662	?	?	?	0.937448	0.929377	-1.07599	0.177023	0.81523	0.812353	0.312775	2.64938	0.580067	7.11098	12.2589	1
cg26739545	BIS10	0.771019	0.173344	0.826745	-1.20956	0.438619	0.901455	1.10912	0.863283	0.97762	-1.02289	0.328193	1.08755	1.08755	0.747109	1.04339	1.04339	0.782796	0.964359	-1.03696	0.937791	0.9887792	-1.01031	0.851861	1.02485	1.02485	0.2957008	1.15304	1.15304	0.59705	0.163893	0.242798	1
cg07155664	RPS14;RPS14;RPS14	0.771026	?	?	?	0.36971	0.531187	-1.88258	0.152508	1.92905	1.92905	0.258488	0.444997	-2.2472	0.992009	1.0069	1.0069	?	?	?	0.987528	1.01079	1.01079	0.966416	1.02934	1.02934	0.674122	1.33702	1.33702	0.559002	1.34758	0.63954	1
cg04265603	VIPR2	0.77105	0.376479	1.4295	1.4295	0.777284	1.11812	1.11812	0.84083	1.07843	1.07843	0.775553	1.11913	1.11913	0.185792	1.73734	1.73734	0.302946	1.52214	1.52214	0.154853	1.82112	1.82112	0.576318	1.24889	1.24889	0.903389	1.04897	1.04897	0.597003	1.46567	2.18225	1
cg24698537	ALDH4A1;ALDH4A1	0.771066	0.876582	1.07607	1.07607	1.02452	0.990417	1.00957	0.667548	1.07086	1.07086	0.684557	0.973536	1.08685	0.162732	1.32633	1.32633	0.867546	1.10907	1.10907	0.699309	1.06343	1.06343	0.324052	1.17663	1.17663	0.709167	0.942366	1.01616	0.596844	0.237354	0.353412	1
cg21804398	THOP1	0.771071	0.553612	1.12895	1.12895	0.564654	1.12508	1.12508	0.626285	1.10443	1.10443	0.787618	1.05618	1.05618	0.920796	1.02033	1.02033	0.582798	1.893787	1.11883	0.155345	0.735091	-1.36038	0.504163	1.14706	1.14706	0.466805	1.1617	1.1617	0.596977	0.387359	0.576771	1
cg24079032	TAL2	0.771129	0.641157	0.886593	-1.1459	0.919088	1.03002	1.03002	0.606962	1.15093	1.15093	0.609548	1.14974	1.14974	0.570367	1.16809	1.16809	0.914326	1.02066	1.02066	0.0762815	1.706222	1.706222	0.782903	0.927906	-1.0777	0.757069	1.08769	1.08769	0.596896	0.693764	1.03914	1
cg11958594	FASN	0.771144	0.8546694	1.0562225	-1.1656	0.9130188	1.127199	1.127199	0.2672106	1.30745	1.30745	0.9016069	1.015538	1.015538	0.8504427	1.044437	1.044437	0.8538566	1.04605	1.04605	0.8402851	1.062304	1.062304	0.2128508	1.12958	1.12958	0.568381	1.36526	1.36526	0.596826	0.233954	0.339997	1
cg21041888	FAT1	0.771148	0.543134	0.583395	-1.71411	0.590085	0.621163	-1.60988	0.707674	1.3907	1.3907	0.996019	1.00438	1.00438	0.176117	0.2838862	-3.52284	0.732415	0.740456	-1.35052	0.225027	0.327686	-3.0517	0.309101	0.397881	-2.51332	0.853018	1.17631	1.17631	0.596869	7.24626	10.7915	1
cg03104298	HTATSF1;HTATSF1	0.771149	0.4505	0.536228	-1.86488	0.720301	0.76806	-1.3026	0.344056	0.55315	1.05315	0.173485	0.734015	1.36175	0.324132	1.20454	1.20454	0.394931	0.493512	-2.02629	0.847344	1.16007	1.16007	0.894912	1.13307	1.13307	0.754636	1.28932	1.28932	0.596868	6.21024	9.24863	1
cg19853440	SLC44A4	0.771185	0.135119	0.431375	-2.31817	0.972138	0.981935	-1.0184	0.646745	0.680596	-1.4693	0.283478	0.558968	-1.78001	0.939372	0.9610272	-1.04051	0.379667	0.624738	-1.60067	0.44356	0.668138	-1.50345	0.752723	1.17937	1.17937	0.580396	0.747171	-1.13838	0.596817	2.57547	3.83586	1
cg26984626	ZNF804B	0.771188	0.815425	0.94886	-1.05426	0.671295	1.11854	1.11854	0.183625	0.802969	-1.24527	0.844127	0.802969	-1.11986	0.174014	0.4423242	-2.26079	0.679298	0.896642	-1.11537	0.8681782	0.9505135	-1.05148	0.644897	1.12951	1.12951	0.115618	1.56653	1.56653	0.596812	0.600967	0.962597	1
cg11913489	RPH3AL	0.771189	0.436551	0.316123	-3.16333	0.407314	1.42071	1.42071	0.360059	0.255307	-3.91685	0.715351	0.587781	-1.70131	0.128673	0.0923136	-10.8326	0.98419	0.971659	-1.02917	0.767579	0.650501	-1.53728	0.898131	0.830408	-1.20423	0.981204	1.0663	1.0663	0.596397	-1.03477	0.596811	19.8985	29.6368	1
cg25537724	MAP4K3	0.771196	0.52545	0.882193	-1.13354	0.410404	1.1782	1.1782	0.793513	0.950182	-1.05243	0.355407	1.20345	1.20345	0.297217	0.8101555	-1.23433	0.78134	1.0557	1.0557	0.384061	1.1899	1.1899	0.567151	1.11928	1.11928	0.575971	1.11636	1.11636	0.596801	0.358609	0.534255	1
cg26554069	SAFB2;SAFB	0.771202	0.161966	0.870582	-1.14857	0.719457	1.16443	1.16443	0.847323	0.93466	-1.0706	0.783756	1.04954	1.04954	0.315698	1.2623	1.2623	0.616572	0.764623	-1.30835	0.414249	1.1453	1.1453	0.315698	1.20121	1.20121	0.20125	1.32827	1.1964	1.1964	0.596794	0.29528	0.439802	1
cg09461507	SRSX2	0.77121	0.654059	0.793219	-1.26069	0.826997	1.11897	1.11897	0.778116	1.15613	1.15613	0.76501	0.857898	-1.16564	0.126319	0.4276571	-2.33825	0.598107	0.760951	-1.31414	0.292949	1.75121	1.75121	0.962825	0.976348	-1.02423	0.81103	0.884251	-1.1309	0.596782	2.49283	3.71308	1
cg09785099	C15orf54;C15orf54	0.771224	0.315053	0.836049	-1.19539	0.839033	1.09436	1.09436	0.218153	0.91274	1.01274	0.509413	1.12199	1.12199	0.998679	1.000228	1.000228	0.176318	0.780939	-1.28051	0.0473403	2.1128	2.1128	0.872475	0.940553	-1.06313	0.731477	1.06104	1.06104	0.596762	0.279611	0.445486	1
cg14596086	FAM117C	0.771225	0.158019	0.174114	-5.74338	0.54738	0.440248	-2.02418	0.503459	0.455037	-2.19535	0.427999	0.25278	2.55178	0.851075	1.24318	1.24318	0.298914	0.287395	-3.47953	0.601095	0.542841	-1.84216	0.894801	0.857943	-1.16558	0.720536	0.16966	6.15593	0.596762	12.6768	18.8824	1
cg06660057	FOXI1	0.771226	0.825132	1.07141	1.07148	0.256952	0.691343	-1.44646	0.479006	1.25173	1.25173	0.989148	0.995766	-1.00425	0.720873	1.11843	1.11843	0.500706	1.23768	1.23768	0.24538	1.46092	1.46092	0.381222	1.32339	1.32339	0.781803	0.917025	-1.09048	0.59676	0.919905	1.37022	1
cg13145208	MCM10;MCM10	0.771236	0.997603	1.00972	1.00061	0.970135	0.99	1.00786	0.748105	0.934804	-1.06974	0.748195	0.963753	1.03781	0.24642	1.2041	1.2041	0.769271	1.06445	1.06445	0.407435	0.8879071	-1.12622	0.870625	1.03961	1.03961	0.59746	0.413783	0.616354	0.596756	0.414683	0.616354	1
cg19566991	FAM53B	0.771239	0.304382	0.763792	-1.30926	?	0.553	-1.80769	0.612718	0.876093	-1.13805	0.703311	1.10179	1.10179	0.292858	0.9538881	1.04835	0.953312	1.01494	1.01494	0.828443	1.205495	1.205495	0.233233	1.3725	1.3725	0.579736	0.523776	0.903467	1								
cg01497527	ANKDD1A	0.771263	0.920932	1.03738	1.03738	0.446947	1.35772	1.35772	0.152891	0.896199	1.03914	0.354359	0.853522	1.17211	0.0306	1.3431838	1.3431838	0.20606	1.6025	1.6025	0.0135766	2.0939443	2.0939443	0.0135766	1.45234	1.45234	0.0135766	1.60754	1.30609	1.30609	0.0135766	1.60754	1.30609	1
cg09501593	C12orf72;C12orf72;C12orf72	0.771266	0.453066	0.894049	-1.11851	0.450585	0.893531	-1.11916	0.847347	0.972157	-1.02864	0.763795	0.956804	-1.04515	0.384774	0.877599	-1.13947	0.829443	0.834856	-1.19781	0.846382	1.02883	1.02883	0.305707	1.16812	1.16812	0.495553	0.90358	-1.10671	0.596704	2.202884	0.30223	1
cg27134324	KCND3;KCND3	0.771276	0.752826	0.802651	-1.24587	0.212931	2.32001	2.32001	0.250698	2.15983	2.15983	0.809976	0.856801	-1.16713	0.418759	0.585565	-1.69055	0.84748	0.88379	-1.13149	0.550761	1.47295	1.47295	0.949153	1.04176	1.04176	0.666331	0.757059	-1.3209	0.596619	3.88976	5.79458	1
cg21402968	KIAA0562	0.771285	0.304752	0.801855	-1.24737	0.671295	1.11854	1.11854	0.183625	0.896393	-1.11586	0.410478	0.841227	1.18896	0.179779	0.4423242	-2.26079	0.679298	0.896642	-1.11537	0.8681782	0.9505135	-1.05148	0.644897	1.12951	1.12951	0.115618	1.56653	1.56653	0.596824	0.600967	0.962597	1
cg21838625	ATP2B2;ATP2B2	0.771291	0.846124	1.13158	1.13158	0.882609	0.09857	1.09857	0.832415	1.14433	1.14433	0.421509	1.68615	1.68615	0.234016	0.4521128	-2.21176	0.634291	0.737192	-1.3565	0.253084	2.11879	2.11879	0.436406	1.65727	1.65727	0.809622	0.857646	-1.16598	0.596668	8.3255	5.60905	1
cg00211875	AFAP1;AFAP1	0.771309	0.508803	0.847553	-1.18005	0.754245	1.3955	1.3955	0.188264	0.475445	-2.10462	0.460927	0.57238	-1.74708	0.233284	0.8390624	-1.1918	0.987909	1.0833	1.0833	0.0183746	1.30714	1.30714	0.381567	1.19583	1.19583	0.105558	1.73836	1.19583	1.19583	0.596644	0.26899	0.406969	1
cg08592160	FAM155A	0.771328	0.350132	1.46969	1.46969	0.427828	0.723167	-1.38281	0.557308	1.26823	1.26823	0.556131	1.26915	1.26915	0.624985	1.21803	1.21803	0.572463	1.25653	1.25653	0.130771	1.92187	1.92187	0.94267	1.02921	1.02921	0.732503	1.14725	1.14725	0.596617	0.514671	0.725668	1
cg21006138	STAB1	0.771362	0.180236	0.623274	-1.60443	0.962217	0.984385	-1.01586	0.888254	1.04782	1.04782	0.911061	1.03782	1.03782	0.166675	0.612705	-1.63211	0.757541	0.902238	-1.10835	0.306503	0.703473	-1.42152	0.600748	0.839099	-1.19175	0.621862	0.847253	-1.17959	0.59654	1.0428	1.55385	1
cg22218512	AFAP1;ACVRL1	0.771402	0.75957	1.08466	1.08466	0.753645	1.3955	1.3955	0.188264	0.475445	-2.10462	0.460927	0.57238	-1.74708	0.233284	0.8390624	-1.1918	0.987909	1.0833	1.0833	0.0183746	1.30714	1.30714	0.381567	1.19583	1.19583	0.105558	1.73836	1.19583	1.19583	0.596644	0.26899	0.406969	1
cg23531748	CABLES2	0.771406	0.739876	1.10592	1.10592	0.375998	1.3159	1.3159	0.102265	1.76555	1.76555	0.798013	0.925438	-1.08057	0.157582	0.843007	-1.18623	0.846428	1.06034	1.06034	0.564926	1.1922	1.1922	0.756257	1.09865	1.09865	0.803577	0.927466	-1.07821	0.596507	0.862523	1.28529	1
cg10898127	WHSC2	0.771409	0.143619	0.743919	-1.34469	0.427295	1.16443	1.16443	0.847323	0.93466	-1.0706	0.783756	1.04954	1.04954	0.315698	1.2623	1.2623	0.616572	0.764623	-1.30835	0.414249	1.1453	1.1453	0.315698	1.20121	1.20121	0.20125	1.32827	1.1964	1.1964	0.596794	0.29528	0.439802	1
cg16405492	VSIG1;VSIG1	0.771413	0.640621	1.58199	1.58199	0.916163	1.10819	1.10819	0.818377	1.25157	1.25157	0.267867	0.324336	-3.08322	0.236145	0.297874	-3.35713	0.591502	1.69641	1.69641	0.975503	1.03041	1.03041	0.333155	0.377604	-2.64828	0.485582	0.500925	-1.99631	0.596497	8.99145	13.3989	1
cg12798833	DGCR5	0.771423	0.491282	0.511378	-1.9555	0.737663	0.921681	-1.08541	0.722994	1.32199	1.32199	0.756284	0.914886	1.09354	0.782782	-1.27754	0.702356	0.707262	-1.41414	0.651346	1.55037	1.55037	0.0020953	2.69096	0.764415	-1.30819	0.922652	1.09453	1.09453	-1.05313	0.731477	1.06104	1.06104	0.596762	0.279611	0.445486	1
cg13149307	PLXDC2	0.771428	0.87025	1.06006	1.02456	0.72745	1.05393	1.05393	0.862091	1.04999	1.02617	0.83082	1.02617	0.83082	0.779111	1.15588	1.15588	0.293902	1.8056575	1.17556	0.763925	0.956239	1.07529	-1.02867	0.776466	1.0432	1.0432	0.596476	0.208519	0.310741	1							
cg03018679	CIT	0.771477	0.896825	1.04558	1.04558	0.388148	1.35511	1.35511	0.2429	1.52175	1.52175	582	1.21047	1.21047	0.950379	0.978845	-1.02161	0.822196	0.925583	-1.0804	0.856886	0.9398663	-1.06399	0.211894	0.636473	-1.57116	0.622592	1.18583	1.18583	0.596407	1.11501	1.66181	1
cg12798833	DGCR5	0.771478	0.491282	0.511378	-1.9555	0.737663	0.921681	-1.08541	0.722994	1.32199	1.32199	0.756284	0.914886	1.09354	0.782782	-1.27754	0.702356	0.707262	-1.41414	0.651346	1.55037	1.55037	0.0020953	2.69096	0.764415	-1.30819	0.922652	1.09453	1.09453	-1.05313	0.731477	1.06104	1.06104	0.596762	0.279611	0.445486	1
cg27388315	CLK1;CLK1;CLK1;CLK1;CLK1	0.771487	0.1482	0.64872	-1.54082	0.649789	0.970135	1.00786	0.748105	0.934804	-1.06974	0.748195	0.963753	1.03781	0.24642	1.2041	1.2041	0.319055	1.70454	1.70454	0.0072403	2.1671	2.1671	0.872475	0.940553	-1.06313	0.731477	1.06104	1.06104	0.596403	0.280444	0.431452	1
cg05087008	GRIA4;GRIA4;GRIA4;GRIA4	0.771485	0.488603	0.519917	-1.92338	0.481418	0.514123	-1.94506	0.662942	1.5034	1.5034	0.79402	1.26711	1.26711	0.365912	0.421626	-2.37177	0.382562	0.434952	-2.29911	0.358498	0.3538148	0.415843	-2.40475	0.16707	0.254258	-3.93302	0.765405	0.757141	-1.32076	0.596396	8.16416	12.1682	1
cg02226621	SMPD3	0.771486	0.857966	1.12253	1.12255	0.624805	1.17447	1.17447	0.583184	1.42992	1.42992	0.464579	1.61696	1.61696	0.111897	3.05619	3.05619	0.4788	1.51645	1.51645	0.823801	0.8688655	-1.15094	0.919244	1.94301	1.94301	0.738576	0.805621	-1.24128	0.596394	3.91044	5.84254	1
cg12576082	HM13;HM13;HM13;HM13	0.771795	0.01574	0.60374	-1.65656	0.11159	1.11159	1.11159	0.144999	0.13949	0.13949	0.550959	0.18478	0.18478	0.184475	1.501494	1.501494	0.966339	0.989429	-1.01068	0.503007	0.8664568	-1.18671	0.434286	0.867977	-1.22253	0.572787	1.15432	1.15432	0.596369	0.599061	0.892502	1
cg25150878	HDAC11;HDAC11	0.771508	0.134217	0.300669	-3.26084	0.738534	0.762569	-1.27784	0.628483	0.699884	-1.42881	0.318161	0.470304	-2.12628	0.348549	0.493461	-2.0265	0.423947	0.550091	-1.81788	0.4299	0.554491	-1.80346	0.821608	0.847654	-1.17973	0.700581	1.32692	1.32692	0.596364	0.50904	0.754057	1
	C14orf159;C14orf159;C14orf159;C14orf159																																					
cg16996571	7159;C14orf159	0.771513	0.66658	1.21254	1.21254	0.717331	0.850742	-1.17544	0.223657	0.566419	-1.76548	0.388408	0.675012	-1.48146	0.948538	1.02911	1.02911	0.31277	1.59079	1.59079	0.716834	1.1758	1.1758	0.624296	0.802944	-1.24542	0.479047	0.726189	-1.37705	0.596357	1.86707	2.78293	1
cg04889973	TMEM117	0.771517	0.640142	0.927563	-1.07809	0.297305	1.18634	1.18634	0.778944	1.04597	1.04597	0.948613	0.980764	-1.02034	0.744736	1.05234	1.05234	0.391007	0.869059	-1.15067	0.206453	0.8083383	-1.23704	0.841194	1.09148	1.09148	0.732526	1.05632	1.05632	0.596347	0.248888	0.359057	1
cg05397514	CLK2	0.771534	0.412234	0.761877	-1.31255	0.876551	1.0778	1.0778	0.685845	1.14102	1.14102	0.348064	1.36808	1.36808	0.226573	1.51098	1.51098	0.58133	1.19803	1.19803	0.24223	1.47932	1.47932	0.837467	0.934485	-1.07011	0.746177	1.11111	1.11111	0.59639	0.993807	1.48153	1
cg23098168	CELSR2	0.771544	0.417339	1.75277	1.75277	0.0771546	3.78317	3.78317	0.396149	1.80101	1.80101	0.553957	1.49984	1.49984	0.837319	1.14936	1.14936	0.845699	1.14102	1.14102	0.476614	1.63236	1.63236	0.534055	1.53175	1.53175	0.681309	1.32259	1.32259	0.596313	0.432965	0.645395	1
cg23155704	C5orf13;C5orf13	0.771553	0.269682	0.766753	-1.30435	0.676753	0.746105	-1.34009	0.540773	0.88025	-1.13604	0.387188	0.815608	-1.22655	0.204204	0.8888204	-1.12504	0.761201	1.08976	1.08976	0.28871	1.25507	1.25507	0.857084	0.963648	-1.03783	0.837432	0.958563	1.04123	1.0963	1.0963	0.596273	0.337352	1
cg18262679	TOR1AIP2;TOR1AIP2	0.771561	0.752001	1.06508	1.06508	0.397407	1.18807	1.18807	0.84029	1.04798	1.04798	0.855384	1.03695	1.03695	0.380581	1.19573	1.19573	0.305979	1.23465	1.23465	0.312683	1.23085	1.23085	0.798866	0.950487	-1.05209	0.144687	1.3655	1.3655	0.596229	0.373517	0.556802	1
cg15924566	IGFBP7	0.771581	0.781084	1.14302	1.14302	0.221309	1.87605	1.87605	0.662723	1.03277	1.03277	0.581256	0.546464	-1.83043	0.243313	0.5562677	-1.79742	0.650467	1.45004	1.45004	0.0917986	2.1998	2.1998	0.0956271	1.00435	1.00435	0.994	1.39436	1.39436	0.0277738	0.815104	1.39436	0.0277738	0.815104	1.39436	1
cg02056550	TTTY18	0.771588	0.414852	4.60214	4.60214	?	?	0.833349	0.146916	1.46916	?	?	?	?	?	0.695884	2.04951	2.04951	0.325861	0.42896	0.428496	0.480496	0.2767663	-3.6132	0.614271	0.395023	-2.5315	0.468343	0.259134	-3.85901	0.556086	22.34318	40.1806	1
cg14770636	SPG26;NCAPD3	0.771601	0.481076	0.902367	-1.1082	0.6570462	0.744935	-1.3424	0.969925	1.00542	1.00542	0.963411	1.0066	1.0066	0.726919	0.95095	-1.05158	0.756325	0.956331	-1.04566	0.743876	0.95406	-1.04815	0.816035	0.967123	-1.03399	0.723106	1.05232	1.05232	0.596234	0.194311	0.289686	1
cg00357934	DAPL1	0.771602	0.412863	0.874557	-1.14373	0.676127	0.656786	-1.52359	0.646467	0.48965	-2.04205	0.418651	0.38256	-2.61355	0.209823	0.196649	-5.12843	0.490945	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 121T vs. N)	Fold-Change(121T vs. 121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(473T vs. N)	Fold-Change(473T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 537T vs. N)	Fold-Change(537T vs. 537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg00171189	KIAA0182;KIAA0182	0.7722264	0.970069	0.973982	0.02883	0.383174	0.97388	1.97388	0.760367	0.793667	-1.25997	0.945248	0.15339	1.05339	0.141288	0.30175	-3.314	0.470697	0.573625	-1.7433	0.44068	0.551265	-1.81403	0.981742	1.01748	1.017748	0.475529	0.577216	1.732455	0.595261	5.40801	8.07566	1
cg14600040	GPC4	0.772326	0.358127	0.498579	-2.0057	0.282756	0.439534	-2.27514	0.650556	0.714715	-1.39916	0.686073	1.34888	1.34888	0.95085	0.526502	1.89933	0.249542	0.412161	-2.42624	0.729489	1.29133	1.29133	0.75032	1.26508	1.26508	0.711246	1.315503	1.315503	0.595126	5.11363	7.63663	1
cg00578220	KHDRBS2	0.772333	0.986526	1.01229	1.01229	0.578097	1.50144	1.50144	0.90005	0.933111	-1.09556	0.286564	0.449079	-2.22678	0.36055	0.506633	-1.97381	0.785474	1.21819	1.21819	0.176706	0.353856	-2.82601	0.418003	0.549529	-1.81974	0.958857	0.961621	-1.03991	0.595211	4.93109	7.36708	1
cg12637670	VAX2	0.77233	0.5091	0.76383	-1.30919	0.268882	1.58913	1.58913	0.368899	1.44949	1.44949	0.753024	1.13538	1.13538	0.393949	0.703833	-1.42082	0.970705	0.985283	-1.01494	0.608858	0.812533	-1.23072	0.879628	0.940863	-1.06285	0.380132	1.43639	1.43639	0.59521	1.525252	2.27781	1
cg20685554	LRP11	0.772349	0.435888	0.869747	-1.14976	0.235538	1.24389	1.24389	0.670478	1.07803	1.07803	0.744704	0.944252	-1.05904	0.740884	1.05999	1.05999	0.301357	0.828622	-1.20682	0.771709	1.0524	1.0524	0.956893	1.00953	1.00953	0.389678	1.16737	1.16737	0.595183	0.290525	0.433891	1
cg10115632	EXTL1	0.772353	0.805505	0.969731	-1.03121	0.521192	1.11545	1.11545	0.884656	1.02469	1.02469	0.71207	0.96405	1.04065	0.775939	0.953183	1.04912	0.98658	1.00283	1.00283	0.8820185	0.72341	-1.38234	0.6563	0.9275	-1.07837	0.696079	0.936167	-1.06819	0.595178	0.266144	0.397483	1
cg06869407	DOCK4;ZNF277	0.772354	0.309359	0.85164	-1.17421	0.689306	0.940497	-1.06327	0.290528	1.18228	1.18228	0.881899	0.977563	-1.02295	0.448396	0.888753	-1.12517	0.358065	1.15487	1.15487	0.467056	1.1196	1.1196	0.934921	0.987611	-1.01254	0.99717	0.999459	-1.00054	0.595176	0.219651	0.328047	1
cg04424945	TMUB2;TMUB2;TMUB2;C17orf65	0.772371	0.274415	0.81457	-1.22614	0.966177	1.00763	1.00763	0.789624	1.0491	1.0491	0.752656	1.05846	1.05846	0.585499	1.03976	1.03976	0.330145	0.835146	-1.1974	0.189499	0.779463	-1.28283	0.577196	0.993967	-1.00623	0.882301	0.973791	-1.02691	0.595152	0.302921	0.453427	1
cg18522655	HENMT1	0.772375	0.435353	0.633001	-1.57934	0.989654	0.992578	-1.00748	0.775455	1.03449	1.03449	0.713403	1.31403	1.31403	0.788079	1.1587	1.1587	0.394249	0.605698	-1.65099	0.186884	0.447423	-2.23502	0.360542	0.582701	-1.71615	0.61165	1.34203	1.34203	0.61159	4.64751	1
cg12272104	DAZAP1;DAZAP1	0.77238	0.49339	0.850608	-1.17563	0.785366	0.938474	-1.06556	0.688691	1.09821	1.09821	0.511195	1.16767	1.16767	0.207574	0.734087	-1.36224	0.473288	1.18491	1.18491	0.361884	1.2436	1.2436	0.728308	0.922081	-1.0845	0.787143	1.06498	1.06498	0.595141	0.510036	0.761778	1
cg15270592	TGFB2;TGFB2	0.772414	0.337373	0.844526	-1.17257	0.709593	0.937993	-1.06578	0.623025	1.17975	1.17975	0.662642	1.10476	1.10476	0.0962	1.12408	1.12408	0.676998	0.934792	-1.07076	0.633165	0.742052	-1.34752	0.025388	-1.08061	0.934702	0.97177	-1.02928	0.595002	0.24418	0.364731	1
cg18187675	NFIA;NFIA;NFIA;NFIA	0.772453	0.711575	1.11719	1.11719	0.777649	0.918993	-1.08815	0.522918	0.824315	-1.21313	0.618757	1.16147	1.16147	0.527563	1.17187	1.17187	0.731596	0.902352	-1.1082	0.129733	1.62974	0.662241	1.14015	1.14015	0.642967	0.869972	-1.14946	0.595038	0.839101	1.25348	1
cg10698604	RIN01	0.772456	0.839177	0.967578	-1.03193	0.544237	1.01141	1.01141	0.503645	1.10289	1.10289	0.469384	1.12681	1.12681	0.187802	0.797405	-1.25407	0.909796	1.00243	1.00243	0.972358	1.05613	1.05613	0.864049	0.828126	-1.20755	0.617011	0.921476	-1.08522	0.595033	0.247923	0.37036	1
cg07731338	FAM55C;FAM55C;NFKBiZ	0.772469	0.292088	0.850104	-1.49064	0.386784	0.476825	-2.09721	0.603388	0.65038	-1.53756	0.340303	0.446262	-2.27138	0.302112	0.409655	-2.44108	0.258411	0.373655	-2.68627	0.245519	0.362766	-2.7566	0.347619	0.484058	-2.24186	0.49452	0.560397	-1.78445	0.595016	0.56743	9.83104	1
cg26275858	EBF3	0.772469	0.659422	0.792208	-1.26229	0.173571	0.467465	-2.1392	0.833888	1.11665	1.11665	0.647993	1.27305	1.27305	0.911618	0.943352	-1.06005	0.530271	0.716124	-1.39641	0.197222	0.488727	-2.04613	0.663827	0.79596	-1.25634	0.700353	0.92055	2.5994	3.88322	1
cg14543200	PRKCH	0.772495	0.89154	1.16962	1.16962	0.737965	1.04076	1.04076	0.761975	1.10569	1.10569	0.67025	1.07223	1.07223	0.962	1.40622	0.956524	0.99331	1.06461	1.06461	0.675998	0.88568	1.62047	0.128427	1.4923	1.4923	0.917402	0.887648	-1.12652	0.808425	0.756564	-1.32176	0.594978	1.42483	1.85678	1
cg16145825	C1orf69	0.772499	0.466497	0.520408	-1.92157	0.488679	0.537942	-1.85893	0.821814	1.21996	1.21996	0.842308	0.838082	-1.19192	0.114151	0.219869	-4.54817	0.451993	0.508963	-1.96478	0.892196	0.887348	-1.12695	0.600952	0.628041	-1.59225	0.258667	0.353889	-2.82575	0.594973	7.32065	10.937	1
cg05380848	INTS6;INTS6;INTS6	0.772509	0.475949	0.830112	-1.20466	0.607249	0.875309	-1.14245	0.581121	0.866528	-1.1539	0.256199	0.35587	1.35587	0.527335	1.17882	1.17882	0.779918	0.929336	-1.07606	0.905538	0.986966	-1.01696	0.85566	0.954305	-1.04788	0.241434	1.37022	1.37022	0.594973	0.621759	0.928907	1
cg14520901	UTP6	0.772521	0.82272	1.04277	1.04277	0.757393	0.943811	-1.05953	0.291102	0.815088	-1.22686	0.917902	0.980941	-1.01943	0.157678	1.52573	1.52573	0.400181	1.17437	1.17437	0.812212	1.04542	-1.05124	0.705124	1.07353	1.07353	0.654141	1.08781	1.08781	0.59497	0.328222	0.490365	1
cg00174421	DBN1;DBN1	0.772528	0.943088	0.966556	-1.0346	0.694314	0.828457	-1.20706	0.40082	1.50642	1.50642	0.855134	1.09098	1.09098	0.820653	0.897458	-1.11426	0.09041	0.411078	-2.43263	0.811164	1.1208	1.1208	0.683887	0.8228	-1.21536	0.962366	0.977769	-1.02274	0.594932	2.13894	3.1958	1
cg15476723	GLTSCR1	0.772533	0.918444	1.07734	1.07734	0.737992	1.04815	1.04815	0.574626	1.15255	1.15255	0.55001	1.14591	1.14591	0.626262	1.10476	1.10476	0.960952	0.961056	-1.03625	0.548573	0.640454	-1.55508	0.284844	0.612564	2.24456	0.292962	2.2112	2.2112	0.594925	4.68485	7.44796	1
cg00530448	NELL1;NELL1	0.772546	0.499511	0.906088	-1.10365	0.623841	1.0737	1.0737	0.564707	1.08736	1.08736	0.790803	0.962472	-1.03899	0.839544	0.971253	-1.0296	0.538279	1.09379	1.09379	0.546674	1.09173	1.09173	0.155592	1.24434	1.24434	0.320403	1.15918	1.15918	0.594907	0.19503	0.291407	1
cg12042659	ZNF132	0.77253	?	?	?	?	0.928455	1.03523	0.842268	1.04499	0.938834	-1.06528	0.923482	-1.08256	0.230048	1.227231	0.828353	1.02483	?	?	?	?	?	?	?	?	?	?	1.54065	1.54065	0.626526	0.594978	0.18556	1
cg26847850	CYBRD1;CYBRD1	0.772554	0.392605	0.552731	-1.8092	0.169237	0.37105	-2.69505	0.616728	0.710632	-1.4072	0.426641	0.577243	-1.73237	0.517636	0.641429	-1.55902	0.666149	0.745393	-1.34157	0.369853	0.536102	-1.86532	0.167483	0.369337	-2.70756	0.498184	0.627813	-1.59283	0.594896	4.31783	6.45167	1
cg02025065	SPIN2B;SPIN2B;SPIN2B	0.772555	0.133935	0.25081	-3.98709	0.7988	0.803677	-1.24428	0.631717	0.663151	-1.50795	0.50489	0.78419	1.78419	0.140258	0.908041	-1.10124	0.283855	0.385709	-2.59263	0.98664	1.01443	1.01443	0.676785	0.875675	-1.14198	0.971006	0.969379	-1.03159	0.594894	6.9981	10.3071	1
cg05186463	AP1S2	0.772562	0.661649	0.812257	-1.23107	0.778849	1.50684	1.50684	0.902093	1.03461	1.03461	0.736321	1.22718	1.22718	0.952624	0.993311	-1.00673	0.735749	1.13269	1.13269	0.712206	0.797648	1.12206	1.12206	0.479241	0.760048	-1.30014	0.638106	1.17577	1.17577	0.594895	1.09979	1.64312	1
cg14649720	SSBP2	0.772569	0.80235	0.949677	-1.05299	0.221966	0.61294	-1.63148	0.221314	0.614741	-1.63272	0.455644	0.748447	-1.3361	0.443393	0.742302	-1.34716	0.466642	0.753912	-1.32642	0.468636	1.32468	1.32468	0.682323	0.854764	-1.16991	0.936677	0.970155	-1.03076	0.594874	1.37003	2.04716	1
cg13671930	SLC22A18AS;SLC22A18;SLC22A18	0.772571	0.924603	0.982483	1.01783	0.563672	0.891668	-1.11586	0.553817	0.8255	-1.2056	0.525256	1.0347	1.0347	0.894526	0.975547	-1.02507	0.421747	0.857854	-1.1657	0.439003	0.862897	-1.15889	0.173224	0.762814	-1.31094	0.162834	0.753704	-1.32091	0.594872	0.328828	0.493151	1
cg10573553	ALDH2A	0.772574	0.5355	0.515199	-1.941	0.199884	4.18414	4.18414	0.353319	2.74387	2.74387	0.979833	1.02708	1.02708	0.39121	0.395875	-2.52605	0.610249	1.72171	1.72171	0.786068	0.750106	-1.33315	0.628539	0.597358	-1.67404	0.825356	0.791697	-1.26311	0.594867	10.5242	15.726	1
cg05897963	PLEKHF1	0.772614	0.393522	0.777	1.28703	0.556167	0.871367	1.26817	0.287353	2.16864	2.16864	0.791491	1.27339	1.27339	0.412872	1.21884	1.21884	0.473328	1.10848	1.10848	0.744475	0.902109	1.21062	1.21062	0.312808	0.713154	1.21354	0.954811	1.08079	1.08079	0.59275	1	1
cg10754596	OSBP2	0.772638	0.385466	0.82798	-1.2455	0.193008	0.810703	-1.2335	?	?	?	0.955103	1.00094	1.00094	0.708235	1.05907	1.05907	0.598866	0.922179	-1.08439	0.77569	0.957321	-1.04458	0.212042	0.821675	-1.21703	0.997487	1.00048	1.00048	0.577149	0.189554	0.328159	1
cg19482086	TCP1;TCP1;MRPL18	0.772683	0.694798	0.832107	1.03003	0.500383	0.736448	1.08243	0.602965	1.10033	1.10033	0.644727	0.981385	-1.04242	0.454297	0.870381	-1.14889	0.425103	0.866	-1.15473	0.344242	0.430956	-2.32073	0.381422	0.52609	-2.56098	0.442996	0.823405	1.21434	0.594807	0.133412	0.221102	1
cg04602960	LOC221442	0.772658	0.802587	0.927718	-1.07791	0.74424	1.10302	1.10302	0.187547	0.658144	-1.51942	0.391241	1.30097	1.30097	0.92474	0.972097	-1.0287	0.309755	1.37002	1.37002	0.473073	1.2443	1.2443	0.917639	1.03147	1.03147	0.828	0.936907	-1.06734	0.59475	0.845019	1.26293	1
cg07508260	ALG9;ALG9;ALG9;ALG9;ALG9;ALG9	0.772666	0.213466	0.607115	-1.64713	0.823847	1.08864	1.08864	0.854856	1.07224	1.07224	0.581479	1.23624	1.23624	0.613624	0.823705	-1.21403	0.317896	1.48181	1.48181	0.511925	0.776168	-1.28838	0.488927	0.765064	-1.30708	0.571283	0.804169	-1.24352	0.594739	1.36681	2.04281	1
cg03647716	ELOVL1	0.772691	0.302123	0.796845	-1.25545	0.604139	0.838863	-1.19224	0.444173	0.54506	-1.83501	0.412644	0.457394	-2.18603	0.32492	0.402665	-2.48411	0.482004	0.597703	1.67321	0.32892	0.466201	-2.14571	0.242707	0.476581	-2.09801	0.438394	-2.28105	0.237235	0.500284	0.594752	0.370958	0.58704	0.822552	1
cg17497419	PTN4;LOC375190	0.772708	0.974989	1.02313	1.02313	0.350741	0.49631	-2.01487	0.447549	0.568574	-1.75879	0.767438	0.805484	-1.24149	0.661693	0.725302	-1.37874	0.207878	0.379615	-2.63425	0.12902	0.30225	-3.30852	0.970226	0.973143	-1.0276	0.673969	0.73594	-1.35881	0.594679	5.0109	7.48998	1
cg02405503	CDK028	0.772736	0.25178	0.5349	-1.86976	0.167436	0.615706	?	?	?	?	0.98424	1.00705	1.00705	0.913	0.930207	-1.07483	0.792677	1.09731	1.09731	0.662603	0.963883	1.03483	1.03483	0.904503	1.04503	0.946256	0.956382	1.03483	1.03483	0.571811	0.951262	1.2477	1
cg13002105	KALRN;KALRN	0.772761	0.892133	0.970651	-1.03024	0.465987	0.84969	-1.1769	0.154689	0.715748	-1.39754	0.848615	0.958912	-1.04285	0.846745	1.0434	1.0434	0.511317	1.15749	1.15749	0.404872	1.20396	1.20396	0.988081	0.996726	-1.00328	0.52909	1.15027	1.15027	0.594605	0.453929	0.678589	1
cg16659003	WDSUB1;WDSUB1;WDSUB1	0.772769	0.393396	1.39158	1.39158	0.538882	1.26511	1.26511	0.610901	1.21402	1.21402	0.655374	0.843846	-1.18505	0.722691	0.874002	-1.14416	0.238972	0.627434	-1.59379	0.394949	0.719426	-1.39	0.455474	0.750283	-1.33283	0.839312	1.07976	1.07976	0.594594	1.34527	2.01111	1
cg02257790	HSPA12A	0.772773	0.14274	0.450357	-2.21966	0.188108	0.6852	-1.46174	0.536941	0.749491	-1.33406	0.464949	0.76121	-1.31312	0.42968	0.703924	-1.42066	0.792674	1.09371	1.09371	0.662603	0.963883	1.03483	1.03483	0.904503	1.04503	0.946256	0.956382	1.03483	1.03483	0.571811	0.951262	1.2477	1
cg24132719	EVI5	0.772807	0.873428	0.83061	-1.20393	0.256486	0.24912	-4.24912	0.982002	1.02661	1.02661	0.496155	2.23539	2.23539	0.38009	2.85239	2.85239	0.913308	1.01012	1.01012	0.754707	1.44032	1.44032	0.16159	5.69813	5.69813	0.325277	2.26238	2.26238	0.594541	12.761	19.0788	1
cg18458942	ARHGAP18	0.772812	0.345238	1.30245	1.30245	0.604139	0.837242	1.19437	0.314074	1.31137	1.31137	0.604778	0.76126	-1.31363	0.597483	0.737171	-1.35636	0.729756	1.13269	1.13269	0.712206	0.797648	1.12206	1.12206	0.479241	0.760048	-1.30014	0.638106	1.17577	1.17577	0.594895	1.09979	1.64312	1
cg20420873	OXGR1	0.772828	0.831568	1.07873	1.07872	0.850604	0.935117	-1.06938	0.732852	0.885239	-1.12964	0.467994	1.30047	1.30047	0.409522	1.34998	1.34998	0.228172	1.56833	1.56833	0.329178	1.43088	1.43088	0.946775	0.976527	-1.02404	0.378618	0.72515	-1.37902	0.594511	1.19183	1.78198	1
cg09671242	DDX55	0.772835	?	?	?	?	?	?	?	?	?	?	?	?	?	1.42632	1.42632	1.46532	?	?	?	?	?	?	?	?	?	?	0.992873	0.26043	14.0203	?	1
cg14267065	GK;GK;GK	0.772836	0.234483	0.335012	-2.98497	0.674002	0.686826	-1.45597	0.957319	0.954122	-1.04808	0.589993	1.61181	1.61181	0.854042	0.953452	-2.19765	0.155603	0.263605	-3.79355	0.888628	1.13084	1.13084	0.908422	1.10625	1.10625	0.857448	0.85404	-1.17091	0.594499	7.25026	10.8405	1
cg15643408	CCDC137	0.772838	0.66759	0.898893	-1.11248	0.680755	0.902969	-1.10746	0.526822	0.853675	-1.17141	0.864422	1.04306	1.04306	0.634067	0.88842	-1.12559	0.507298	1.18053	1.18053	0.158245	1.45086	1.45086	0.367042	1.25686	1.25686	0.97848	0.993367	-1.00668	0.594498	0.573108	0.856907	1
cg08065501	PQBP1;TIMM17B;PQBP1;PQBP1;PQBP1 ;PQBP1;TIMM17B;PQBP1;PQBP1;PQBP	0.77285	0.275443	0.377744	-3.60044	0.674639	0.620827	-1.61075	0.736135	0.682584	-1.46502	0.213888	4.38265	4.38265	0.804988	1.33221	1.33221	0.313562	0.308248	3.244114	0.642163	0.580567	-1.69616	0.863279	1.21483	1.21483	0.921167	0.895527	-1.11666	0.59448	12.0029	17.9471	1
cg24159547	NTSC	0.772868	0.469098	1.96969	1.96969	0.602593	0.616643	-1.62168	0.376123	0.433471	-2.30696	0.569267	1.69788	1.69788	0.387919	2.2579	2.2579	0.17563	3.76368	3.76368	0.838742	1.20627	1.20627	0.955332	1.0529	1.0529	0.832561	1.21513	1.21513	0.594455	7.97457	11.9244	1
cg23201540	ZFP36L2;LOC100129726	0.772869	0.59488	0.439941	-2.27303	0.311555	0.200329	-4.99179	0.692705	0.544827	-1.83545	0.189189	0.117193	-8.53291	0.450986	0.308294	-3.24365	0.513353	2.63944	0.244779	-2.85357	0.223461	0.499102	-2.8645	0.439505	0.519759	-1.92397	0.088021	1.01358	1.01358	0.594443	0.37648	0.53046	1
cg20930113	UAP1	0.772896	0.376545	0.8048	-1.24254	0.458649	0.834781	-1.19792	0.316001	1.28158	1.28158	0.819198	1.05632	1.05632	0.983964	1.00482	1.00482	0.56007	0.868474	-1.15144	0.851239	1.04595	1.04595	0.226011	1.35561	1.35561	0.866962	1.04094	1.04094	0.594416	0.539153	0.806249	1
cg00481951	TCF112	0.772904	0.229628	0.440452	-2.2704	0.215853	0.400319	-2.17856	0.431194	0.592934	-1.68653	0.978123	0.982321	-1.018	0.284043	0.489353	-2.1325	0.837078	1.14332	1.14332	0.375467	0.553397	-1.80702	0.951958	0.96155	-1.03999	0.854816	1.12653	1.12653	0.594405	0.98335	0.59581	1
cg10372921	LOXL1	0.772955	0.724255	1.32304	1.32304	0.124061	0.268141	-3.72939	0.815092	1.23029	1.23029	0.20339	0.264916	0.264916	0.144059	0.440159	0.660403	0.550403	0.154423	0.717343	0.750271	-1.33285	0.310649	0.436456	-2.29218	0.582384	0.644729	-1.55104	0.878433	1.12859	1.12859	0.594333	0.87934	0.79318	1
cg14143435	HMBOX1;HMBOX1;INTS9;INTS9;INTS9	0.772973	0.752809	1.08889	1.08889	0.823827	1.06194	1.06194	0.579078	1.16303	1.16303	0.76892	0.923667	-1.08264	0.642263	1.13438	1.13438	0.132123	1.54964	1.54964	0.29106	0.744308	-1.34353	0.964488	0.988072	-1.01207	0.680242	1.11817	1.11817	0.594307	0.68378	1.02271	1
cg23151374	C4orf43	0.773006	0.806311	0.9353	-1.06918	0.927562	1.02507	1.02507	0.491802	1.20939	1.20939	0.569683	1.16935	1.16935	0.720889	0.906938	-1.10261	0.953989	1.01584	1.01584	0.21453	0.700619	-1.42731	0.552069	1.17799	1.17799	0.236895	1.40133	1.40133	0.594261	0.697774	1.04372	1
cg14503744	BOB8	0.773047	0.344132	1.21432	1.21432	0.643543	1.06402	1.06402	0.684328	1.09673	1.09673	0.684792	0.995453	1.00454	0.928545	0.982655	-1.01795	0.672848	1.07441	1.07441	0.226532	0.872848	1.07441	1.07441	0.226532	0.872848	1.07441	1.07441	0.226532	0.872

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg17256108	INPP5A	0.773806	0.885109	1.020954	0.655755	1.06512	0.06512	0.613107	0.9308416	1.037403	0.677527	1.06056	0.106056	0.914922	1.01514	1.01514	0.59112	1.026581	0.106581	1.07937	1.07937	0.163659	0.881387	1.223246	0.599138
ch.12.122473139	ICTDSP2	0.773823	0.218893	2.65391	0.265391	2.167618	2.66185	0.464959	1.73049	1.730409	0.952268	1.04622	1.046222	0.831525	0.854763	1.16991	0.243761	2.51073	2.510703	0.759507	0.793131	1.126083	0.814985	1.193555	1.193555	0.967853	1.03089	1.030089	0.593114
cg19540371	DNAH5	0.773834	0.488633	0.514952	-1.94193	0.249757	3.11043	3.110443	0.356023	2.44889	2.44889	0.95294	0.945845	-1.05726	0.854853	0.841345	-1.18857	0.744305	1.361713	1.361713	0.359549	0.411182	-2.43202	0.432714	0.469854	-2.12832	0.994601	0.993638	-1.0064	0.593098	8.36021	12.5296	1
cg27006547	WDR74	0.773847	0.861133	1.060242	0.0414	2.223788	0.74369	-1.34424	0.376061	1.203195	-1.23427	0.922706	1.02274	1.022741	0.893892	0.969553	-1.0314	0.810134	1.094126	-1.05705	0.156898	0.704126	-1.4202	0.652528	0.90031	-1.11073	0.564143	1.14464	1.14464	0.93908	0.504272	0.755787	1
cg22995356	POU2F1	0.773868	0.517431	1.2476	1.2476	0.29977	0.096118	-1.43654	0.916857	1.03583	1.037465	0.665365	-1.50293	0.490128	0.785092	-1.27374	0.813356	0.923369	-1.08299	0.346527	0.712515	1.38648	0.5298	1.23966	1.23966	0.909979	0.962592	-1.03886	0.59305	1.06726	1.59966	1
cg20639263	PNP	0.773868	0.507921	0.886707	-1.13777	0.423933	1.15755	1.157553	0.521901	0.8902099	-1.12322	0.908688	0.976071	-1.02075	0.215947	0.800611	-1.51991	0.573664	0.903234	-1.10721	0.756095	1.05724	1.05724	0.462881	0.874793	-1.14313	0.267236	0.813098	-1.22986	0.93005	0.300989	0.451135	1
cg15457314	DSCAML1	0.773894	0.953551	1.01588	1.01588	0.960169	0.986581	-1.0136	0.847137	0.949131	-1.05359	0.665208	1.12499	1.12499	0.25712	1.17705	1.17705	0.898429	1.03515	1.03515	0.10408	1.61726	1.61726	0.842361	1.05534	1.05534	0.400123	1.26238	1.26238	0.593014	0.687302	1.03022	1
cg10146645	NUMC5	0.773895	0.96033	1.063122	-1.0149	0.797378	0.926365	-1.07949	0.164127	1.55482	1.554822	0.876588	0.954525	-1.04764	0.754512	0.907357	-1.10249	0.957564	0.984305	-1.01655	0.154613	1.57293	1.57293	0.951247	0.904387	-1.01834	0.959645	0.88507	-1.01516	0.599013	0.830981	1.24424	1
cg09755105	GBX1	0.773901	0.813321	0.920092	-1.07632	0.77	0.773	0.773	0.773	0.5127751	0.22922	1.22922	0.693257	0.805512	-1.24145	0.382126	0.756785	1.32138	0.676668	1.13927	1.13927	0.151885	0.813159	-1.22977	0.30948	1.38679	1.38679	0.536784	1.21466	1.214666	0.579339	0.783747	1.36082	1
cg15057726	MCM2	0.773924	0.163546	0.624248	-1.60193	0.318396	0.721225	-1.38653	0.57214	0.834518	-1.1983	0.729991	0.896017	-1.11605	0.456185	0.786237	-1.27188	0.421476	1.29724	1.29724	0.763288	0.90872	-1.10045	0.843081	0.939124	-1.06482	0.441207	0.77967	-1.28259	0.592972	0.943143	1.41381	1
cg17967426	PANK3	0.773941	0.799651	1.093795	-1.01504	0.985726	0.647728	-1.54493	0.310589	1.27048	-1.33248	0.955418	0.983469	-1.01681	0.852859	1.075201	1.05214	1.05214	0.702972	1.11051	1.11051	0.578428	0.857637	-1.16599	0.642309	1.13297	1.13297	1.13652	0.408819	0.79364	1.26002	0.592948	0.702926	1.05376	1
cg05864350	POLK	0.773946	0.369326	0.689268	-1.45082	0.884776	0.94308	-1.06035	0.211306	0.587297	-1.70271	0.381933	0.696	-1.43678	0.850158	0.926587	-1.07923	0.630592	0.822157	-1.21631	0.383885	1.43454	1.43454	0.61303	0.813741	-1.22889	0.59489	1.24223	1.24223	0.579241	1.53384	2.29941	1
cg20002119	FARP1	0.773968	0.490885	0.554007	-1.80212	0.898006	0.897682	-1.11398	0.882207	0.882507	-1.13334	0.77773	0.787672	-1.26956	0.156162	0.729802	-1.37043	0.742732	-2.91781	0.431952	1.69007	1.95907	0.788673	0.797622	-1.25373	0.92951	0.652261	0.973558	1
cg08788681	TEPP;TEPP	0.773984	0.637932	1.36832	1.36832	0.501455	0.636765	-1.57044	0.42186	0.581122	-1.72081	0.238961	2.26116	2.26116	0.883223	0.907934	-1.10212	0.743984	1.24209	1.24209	0.511754	1.55307	1.55307	0.949856	0.882169	-1.13357	0.284577	2.08627	2.08627	0.592888	4.10958	6.1613	1
cg23268417	6	0.77399	0.194441	3.46466	3.34646	0.445028	1.98397	1.98397	0.353801	2.31519	2.315189	0.49579	0.54412	-1.83783	0.649877	0.66889	-1.49502	0.854819	0.851143	-1.17489	0.528778	1.75458	1.75458	0.66888	1.46023	1.46023	0.488307	1.85806	1.85806	0.592879	7.27092	10.9011	1
cg21005369	COL4A2	0.774005	0.79511	1.12937	1.12937	0.320518	0.618874	-1.61584	0.653024	0.809322	-1.2356	0.77564	1.14292	1.14292	0.849726	1.09272	1.09272	0.610412	0.786461	-1.27152	0.123958	2.17895	2.17895	0.893358	1.06471	1.06471	0.840052	1.09908	1.09908	0.592858	2.0521	3.07677	1
cg00630020	SDCBP2	0.774008	0.395447	0.859793	-1.11361	0.652009	0.945414	-1.05774	0.910707	1.01597	1.01597	0.69991	0.953143	-1.04916	0.80553	0.969337	-1.03163	0.976468	0.99636	-1.00365	0.554224	1.07678	1.07678	0.634273	1.13042	1.13042	0.177724	1.19375	1.19375	0.592854	0.14355	0.21523	1
cg00332575	EIF3D;EIF3D	0.774011	0.458063	0.85993	-1.16292	0.297279	1.26153	1.26153	0.263576	1.264232	1.317489	1.22016	1.264232	0.317489	1.22016	0.824108	0.954569	1.05004	0.910565	0.977516	1.023	1.07923	1.07923	0.83318	1.04336	1.04336	0.388439	1.19467	1.19467	0.59285	0.380224	0.570088	1
cg23843019	ZNF321	0.774021	0.651426	1.13898	1.13898	0.892432	1.03947	1.03947	0.385788	0.775379	-1.28969	0.437572	1.25431	1.25431	0.771983	1.08669	1.08669	0.631879	1.1481	1.1481	0.76501	0.917803	-1.08956	0.16284	0.652943	-1.53153	0.625637	1.15106	1.15106	0.592836	0.768707	1.15259	1
cg23539308	PEPD;PEPD;PEPD	0.774022	0.570199	0.860914	-1.16158	0.929647	1.03152	1.031522	0.346727	1.28775	1.287751	0.818511	1.44529	1.445291	0.31241	1.31556	1.31556	0.406172	1.24832	1.24832	0.829009	0.945141	1.05804	0.923138	1.1847	1.1847	0.723842	1.09701	1.09701	0.592835	0.639617	0.959034	1
ch.4.126048	PIGG;PIGG	0.774033	0.257282	3.17824	3.17824	0.457457	2.09026	2.090226	0.872853	1.16841	-1.7	?	?	?	0.523128	1.88014	1.88014	0.201894	3.74485	3.74485	0.96287	0.955774	-1.04627	0.600207	0.597765	-1.6729	0.98355	0.980166	-1.02024	0.570371	7.45674	11.3854	1
cg00435082	ADAM10	0.774042	0.277065	0.702921	-1.42349	0.640704	0.244349	-1.82707	0.233388	0.685145	-1.69737	0.881015	1.007133	1.00733	0.980205	0.992443	-1.00561	0.826219	0.863291	1.15769	0.225717	0.342723	-2.91781	0.431952	1.69007	1.95907	0.788673	0.797622	-1.25373	0.92951	0.652261	0.973558	1
cg12286540	MBD3	0.77405	0.792655	0.790784	-1.26457	0.244543	0.95859	1.95859	0.251459	2.90827	2.90827	0.828145	0.823895	-1.21375	0.439268	0.495165	-2.01953	0.76541	1.765961	-1.30555	0.356348	2.32866	2.32866	0.845093	1.19041	1.19041	0.713829	1.38843	1.38843	0.592795	7.45363	11.1766	1
cg02856402	HMOX2;HMOX2;HMOX2;HMOX2	0.774052	0.293333	0.90991	0.90991	0.763163	0.557274	-1.79445	0.277609	0.761508	0.627384	0.277384	10.977	10.977	0.531391	0.263446	-3.79584	?	?	?	0.815569	1.63492	1.63492	0.996036	0.10051	1.01051	0.947867	0.871464	-1.14749	0.157539	0.58404	62.3207	1
cg20776820	SNCA;SNCA;SNCA;SNCA	0.774057	0.774268	1.592539	1.592539	0.95067	4.1387	4.1387	0.47243	1.27201	1.272001	0.72202	1.272001	?	0.731175	0.914103	-1.09371	0.446423	3.209491	3.209491	?	?	?	0.249867	0.192926	0.192926	0.622326	0.88729	0.549881	14.3055	22.3927	1
cg20218135	ABHD8	0.774072	0.904688	0.879165	-1.13744	0.0950373	0.139155	-7.18625	0.43443	2.35709	2.357093	0.618085	0.582534	-1.71664	0.44309	0.431398	0.31805	0.708049	0.667358	-1.49845	0.91712	0.894127	-1.11841	0.76926	0.728885	-1.37196	0.862297	0.829738	-1.2052	0.592765	10.8509	16.2716	1
cg06620993	SH3PXD2A	0.774098	0.525884	0.788125	1.26883	0.400869	0.863844	1.13105	0.13205	0.886566	-1.01362	0.321817	0.786224	-1.27163	0.197262	0.603538	-1.65691	0.708313	1.4938	1.4938	0.954344	1.00277	1.00277	0.997483	0.199371	0.199371	0.143134	1.08323	1.08323	0.592728	1.2881	1.93201	1
cg22740006	PC;PC;IRF9;PC	0.774099	0.685316	1.5222	1.5222	0.879512	1.16935	1.16935	0.620798	1.672511	1.672511	0.716351	1.45694	1.456944	0.854564	1.140748	1.07492	0.732449	1.070191	1.07019	1.42464	0.952353	0.940939	-1.06277	0.604025	0.582978	-1.75132	0.823682	0.731633	-1.36681	0.592726	0.9853	1.14746	1
cg02935272	MYOM1;MYOM1	0.7741	0.34626	0.625446	-1.59886	0.668324	0.697797	-1.43308	0.793368	1.13607	1.13607	0.991385	1.00526	1.00526	0.242324	0.551752	-1.81241	0.988484	0.993011	-1.00704	0.290752	1.70369	1.70369	0.681874	1.22176	1.22176	0.624642	0.786912	-1.27079	0.592725	2.21693	3.32465	1
cg03712341	AGXT2;2	0.774114	0.95524	1.0817	1.0817	-1.01858	0.644072	1.16483	-1.16483	0.674805	1.088885	-1.26761	0.685797	1.088885	-1.26761	0.685797	1.088885	0.955802	1.01834	1.01834	-1.04776	0.631797	1.088885	0.882206	1.13345	1.13345	0.214974	0.651771	1.53428	0.592705	1.00954	1.51403	1
cg14016390	C1QTNF8	0.774135	0.553113	0.789841	-1.26608	0.148073	0.536269	-1.86473	0.425752	0.726165	-1.3771	0.916731	1.042	1.042	0.228182	0.607982	-1.64479	0.575401	0.800406	-1.24937	0.764425	0.888485	-1.12551	0.641768	0.831665	-1.20241	0.680276	1.17706	1.17706	0.592676	1.45285	2.17897	1
cg08224763	C17orf49;C17orf49;C17orf49	0.774145	0.756234	0.780762	-1.30119	0.463853	0.93303	1.075993	0.237977	0.613773	0.613773	0.277373	0.613773	0.613773	0.277373	0.613773	0.277373	0.590663	0.631075	1.5846	0.832678	0.836239	-1.19581	0.464337	0.539454	-1.8781	0.767267	1.26913	1.26913	0.592679	0.985218	1.28755	1
cg09702779	UBASH3B;UBASH3B	0.774144	0.882704	1.02992	1.02992	0.288053	1.24641	1.24641	0.891001	1.02776	1.02776	0.818512	1.04697	1.04697	0.177899	1.13096	1.13096	0.259974	1.26447	1.26447	0.528014	0.880138	-1.13618	0.528151	1.13614	1.13614	0.837314	1.04191	1.04191	0.592663	0.374324	0.56142	1
cg01405002	MAN1B1	0.774145	0.376226	1.77131	1.77131	0.667672	1.32151	1.321251	0.893062	1.08404	1.08404	0.880657	3.27099	3.270995	0.700565	1.27542	1.27542	0.774296	0.83442	-1.19844	0.647514	0.74839	-1.3362	0.912804	1.0714	1.0714	0.965725	0.973309	-1.02742	0.592662	3.72067	5.58036	1
cg01509037	ZNF827	0.774154	0.529246	1.625539	1.625539	0.99047	0.564459	-1.77114	0.982703	1.0141	1.014101	0.98845	0.990505	-1.00939	0.950059	0.992004	-1.00261	0.516884	1.24755	1.24755	0.570958	0.44752	-2.23455	0.447552	0.20503	0.37184	2.69013	1.0438	1.0438	0.59265	0.93156	0.87277	1
cg18175036	MAST4;MAST4	0.774171	0.777435	1.14511	1.14511	0.578049	1.30824	1.30824	0.888045	0.934864	-1.06967	0.46539	0.701005	-1.42652	0.510641	1.37584	1.37584	0.337643	0.648653	-1.54166	0.277523	0.582753	-1.71599	0.335626	0.60762	1.60762	0.849746	0.913306	-1.09492	0.592625	2.14599	3.2188	1
cg04709822	RPS14;RPS14;RPS14;RPS14	0.774176	0.742764	1.212004	1.212004	0.76116	0.845027	-1.19485	0.603278	0.73522	-1.36014	0.674762	0.734107	-1.36208	0.610854	0.688844	-1.45167	0.516884	1.24774	1.24774	0.538041	0.53048	-1.88486	0.822313	-1.11336	0.115903	0.36809	0.72129	-1.38623	0.592623	2.00026	2.98015	1
cg01592682	COL5A1	0.774219	0.649273	1.31254	1.31254	0.26387	2.00477	-2.00477	0.427078	0.617102	-1.62048	0.533914	1.45436	1.454436	0.949609	0.96319	-1.03822	0.346557	1.78208	-1.78208	0.839596	1.12782	1.12782	0.479368	0.651964	-1.53383	0.432839	1.61034	1.61034	0.589397	2.2178	4.24625	1
cg06663149	LIMCH1;LIMCH1;LIMCH1;LIMCH1;BRUNOL4;BRUNOL4;BRUNOL	0.774221	0.367228	0.645657	-1.54881	0.250403	0.567069	-1.76346	0.4264	0.681412	-1.46754	0.703751	0.834896	-1.19775	0.415899	0.675202	-1.48104	0.458349	0.700011	-1.42855	0.863588	1.08461	1.08461	0.861138	0.92063	-1.08621	0.345619	1.58212	1.58212	0.592555	2.09358	3.14057	1
cg20094343	4	0.774222	0.961244	1.08381	1.08381	0.436034	3.75617	3.75617	0.42345	2.582007	-3.87557	0.893361	1.24873	1.24873	0.102687	0.0519546	-19.2476	0.983715	0.966761	-1.03438	0.774814	0.621843	-1.60812	0.640269	0.458619	-2.18046	0.97704	1.04882	1.04882	0.592554	25.7437	38.6181	1
cg00588748	SYT1;SYT1	0.774225	0.444113	0.760482	-1.31502	0.463853	0.93303	1.075993	0.237977	0.613773	0.613773	0.277373	0.613773	0.613773	0.277373	0.613773	0.277373	0.590663	0.631075	1.5846	0.832678	0.836239	-1.19581	0.464337	0.539454	-1.8781	0.767267	1.26913	1.26913	0.592679	0.985218	1.28755	1
cg06815194	MST02P	0.774226	0.776105	0.89658	-1.11535	0.805976	1.0988	1.0988	0.428203	1.36298	1.36298	0.961664	1.01857	1.01857	0.978701	1.01027	1.01027	0.889863	0.948335	-1.05448	0.0846797	0.481871	-2.07524	0.775479	1.1157	1.1157	0.922025	1.0382	1.0382	0.592548	1.37562	2.06359	1
cg23888594	PHYF8;IRS2;IRS2;IRS2

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(3147 vs. N)	Fold-Change(3147 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(3127 vs. N)	Fold-Change(3127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(3347 vs. N)	Fold-Change(3347 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg00049616	CLYBL		0.863039	0.938148	-1.04368	0.496496	0.842857	-1.18644	0.978466	1.00671	1.00671	0.210472	0.726341	-1.37676	0.823478	0.946181	-1.05688		0.899109	1.03191	1.03191	0.340759	0.675496	-1.48039	0.674014	1.11044	1.11044	0.75387	1.07922	1.07922	0.591196	0.574065	0.863132	1
cg00393487	RTP1		0.775189		0.590362	0.690952	-1.44728	0.659046	0.739291	-1.35265	0.162946	0.363078	-2.75423	0.260093	0.449727	-2.22357	0.60604	0.74042	-1.35059		0.532832	1.53684	1.53684	0.922003	0.935540	-1.06889	0.802672	0.843388	-1.18569	0.324221	0.500285	-1.99886	0.591195	4.33294	6.51478	1
cg02157281	ACTB		0.775519		0.655467	0.895597	-1.11657	0.746746	0.923525	-1.08281	0.135528	0.673674	-1.4844	0.973707	0.99194	-1.00813	0.934915	0.980146	-1.02026		0.186281	0.708901	-1.41063	0.696266	0.908171	-1.10111	0.715103	0.913922	-1.09418	0.595211	1.14072	1.14072	0.591193	0.564475	0.848716	1
cg06849167	DAGLA		0.775193		0.839214	1.11222	1.11222	0.296609	1.762	1.762	0.834128	1.11604	1.11604	0.427799	0.654324	-1.52783	0.95396	0.970224	-1.03069		0.859919	1.07234	1.07234	0.759997	1.174	1.174	0.243733	0.528059	-1.89373	0.318635	0.582974	-1.71534	0.59119	2.56635	3.85866	1
cg27207144	RPL10;RPL10		0.775198		0.170063	0.120092	-8.32693	0.804169	0.697442	-1.43381	0.70037	0.570733	-1.76231	0.270319	0.28432	0.75627	1.5726	1.5726		0.357069	0.25143	-3.95034	0.89782	0.82999	-1.20483	0.962102	0.933404	-1.07135	0.963954	0.936556	-1.06774	0.591182	19.6967	29.6156	1
cg04788660	SLC35E2		0.775522		0.512389	0.839011	-1.19188	0.74509	0.917426	-1.09001	0.407736	0.79954	-1.25072	0.252366	0.373545	1.37435	0.914795	0.932449	1.02265		0.452435	1.22412	1.22412	0.29865	0.752316	-1.32923	0.746911	0.918014	-1.08931	0.916725	1.02802	1.02802	0.591152	0.653438	0.982546	1
cg18704724	TESC;TESC;TESC		0.775228		0.922871	0.930181	-1.07506	0.208415	2.69437	2.69437	0.356764	2.03069	2.03069	0.659192	1.39335	1.39335	0.605276	1.47647	1.47647		0.805571	0.831673	-1.2024	0.387271	1.9393	1.9393	0.209656	2.23208	2.23208	0.259549	2.40858	2.40858	0.591141	5.22954	7.86357	1
cg03874460	CCNA1;CCNA1		0.775229		0.124772	0.15638	-2.6396	0.709555	0.792586	-1.26169	0.387325	0.536862	-1.73351	0.269477	0.833225	-1.20016	0.383682	0.574305	-1.74123		0.629455	0.731499	-1.36733	0.195251	0.427195	-2.34087	0.817226	0.882119	-1.15458	0.622998	0.73518	-1.36021	0.591139	3.60892	5.42669	1
cg12405639	FKBP5;FKBP5		0.775242		0.368264	0.450923	-2.21767	0.780478	0.786011	1.27225	0.8001027	1.24442	1.24442	0.871845	0.892655	-1.44372	0.263469	0.366189	-2.73083		0.469454	0.533131	-1.87652	0.32673	0.437349	0.80856	1.23269	1.23269	0.591121	0.953605	1.10454	1
cg02679662	FNIP1;FNIP1		0.775244		0.76767	0.900576	-1.1104	0.191207	0.613135	-1.63096	0.56796	0.815438	-1.22633	0.759747	1.11452	1.11452	0.411174	0.743003	-1.34589		0.787212	0.908792	-1.10036	0.26693	1.50508	1.50508	0.998945	1.00047	1.00047	0.761299	1.11371	1.11371	0.591118	1.1698	1.75908	1
cg01596289	PACS6;PACS6;PACRG		0.775249		0.478923	0.559028	-1.78853	0.774107	0.788258	-1.26837	0.502128	0.704959	-1.41852	0.370488	0.470448	1.94101	0.853369	0.907254	1.09707		0.791208	0.825907	-1.21079	0.362076	0.53135	-1.882	0.618317	0.773994	-1.29152	0.591111	0.488889	0.773264	1.39532	1.39532	0.591111	4.868889	7.32164	1
cg23231420	ST6GALNAC5		0.775267		0.871127	0.971733	-1.02909	0.94264	0.987371	-1.01279	0.632285	1.08888	1.08888	0.60028	1.09788	1.09788	0.254664	1.23375	1.23375		0.871235	1.02906	1.02906	0.942736	0.988379	-1.01176	0.831379	0.910838	1.03833	0.993362	1.3854	1.3854	0.591088	0.292006	0.439124	1
cg14030227	PSIP1;PSIP1;PSIP1		0.775279		0.608746	1.17479	1.11907	0.273413	1.28943	1.28943	0.213008	1.33261	1.33261	0.939579	0.98354	-1.01674	0.610312	1.1191	1.1191		0.944632	0.948909	1.01532	0.621821	0.896855	-1.11501	0.202206	1.36092	1.36092	0.467462	1.16701	1.16701	0.591068	0.449722	0.674819	1
cg01556460	ADCYAP1R1		0.775283		0.90102	1.06682	1.06682	0.0927838	2.61533	2.61533	0.461538	2.61533	2.61533	0.460477	1.47786	1.47786	0.802505	0.877863	-1.13913	0.837087	1.11296	1.11296		0.322066	1.70187	1.70187	0.791082	1.14798	1.14798	0.478614	1.47417	1.47417	0.462231	1.02492	1.02492	0.591064	2.52936	3.80382	1
cg01224884	BASP1		0.775297		0.550554	1.30649	1.30649	0.531929	1.32348	1.32348	0.127853	2.07239	2.07239	0.304662	1.60121	1.60121	0.678369	0.875159	1.14265		0.920738	1.04504	1.04504	0.857642	0.929546	-1.08272	0.838565	0.547755	1.54755	0.742308	1.15726	1.15726	0.591043	1.83422	2.75854	1
cg26014017	SNIP1;SNIP1		0.775313		0.387506	0.823194	-1.21478	0.614006	0.904156	1.06	0.247594	1.30413	1.30413	0.568145	0.980973	1.15511	0.510302	0.863559	-1.158		0.879384	0.967194	-1.03392	0.294724	0.787643	-1.26961	0.953326	1.01294	1.01294	0.597893	1.12403	1.12403	0.591053	0.665163	0.679282	1
cg01411954	NVL;NVL;NVL;NVL		0.775317		0.770027	0.945669	-1.05745	0.20859	1.28991	1.28991	0.334564	1.20981	1.20981	0.909796	1.02182	1.02182	0.343794	1.20515	1.20515		0.676863	1.08318	1.08318	0.410972	0.851553	-1.17433	0.69655	1.07757	1.07757	0.901523	0.976694	-1.02386	0.587822	0.330685	0.437547	1
cg18525316	GLI2		0.775532		0.998428	0.999187	-1.00081	0.1743	1.81611	1.81611	0.324636	1.52195	1.52195	0.811402	0.906011	-1.10374	0.821595	0.91096	-1.09774		0.531081	1.2995	1.2995	0.343756	1.49586	1.49586	0.711071	0.857417	-1.16629	0.654171	0.830121	-1.20464	0.591011	1.59584	2.40016	1
cg00442981	C16orf46;C16orf46;C16orf46;C16orf46		0.775322		0.74749	1.0902	1.0902	0.978467	1.00724	1.00724	0.822197	0.941601	-1.06202	0.377015	1.27424	1.27424	0.96099	1.01316	1.01316		0.743748	0.916039	-1.09166	0.159581	0.669106	-1.49453	0.780136	0.927916	-1.07768	0.316477	1.319	1.319	0.591009	0.669027	1.00623	1
cg00241296	L18AP12;L18AP12		0.775331		0.968429	0.969187	-1.03206	0.0911	2.96804	2.96804	0.0842568	2.96804	2.96804	0.154857	1.59857	1.59857	0.474124	1.68329	1.68329	0.755021	1.13682		0.540766	1.88581	1.88581	0.169745	0.440483	0.510423	-1.95916	0.913167	1.09474	1.09474	0.597097	0.84081	1.02889	1
cg18210160	CLEC10A;CLEC10A;CLEC10A;CLEC10A		0.775337		0.570092	1.2232	1.2232	0.854491	0.937591	-1.06656	0.36626	0.721924	-1.38519	0.969595	1.01347	1.01347	0.514851	0.921207	-1.08553		0.697243	1.1471	1.1471	0.342808	1.40927	1.40927	0.89588	1.04703	1.04703	0.443946	1.72015	1.72015	0.590588	1.15333	1.7347	1
cg01171347	NKX6-2		0.77535		0.971336	0.989453	-1.01066	0.290001	0.723194	-1.38276	0.59325	0.852911	-1.17245	0.663295	0.878735	-1.138	0.538689	0.832194	-1.20164		0.19686	0.668554	-1.49577	0.397114	0.774239	-1.29159	0.430221	1.26821	1.26821	0.8521	1.05662	1.05662	0.590969	0.81506	1.22595	1
cg21027152	RNF138;RNF139		0.775362		0.868615	0.933885	-1.0708	0.542223	0.774995	-1.29033	0.32818	0.65902	-1.51741	0.728937	1.15458	1.15458	0.834566	0.917658	-1.08973		0.471619	1.35329	1.35329	0.194653	0.567309	-1.76271	0.713131	1.16483	1.16483	0.513444	1.31498	1.31498	0.590952	1.59775	2.40329	1
cg12758022	RALGAPB;RALGAPB		0.775384		0.994791	1.02154	1.02154	0.872294	1.12932	1.12932	0.19612	0.934666	1.06359	1.06359	1.12932	1.12932	0.19612	0.934666	1.06359	1.06359	1.12932	1.12932	0.19612	0.934666	1.06359	1.06359	1
cg13532816	OCRL;OCRL		0.775388		0.283523	0.105102	-9.51458	0.825179	1.56408	1.56408	0.956228	1.11737	1.11737	0.160608	19.4973	19.4973	0.508249	3.88454	3.88454		0.452543	0.212817	-4.69887	0.940064	1.16421	1.16421	0.875782	1.37203	1.37203	0.941021	0.861044	-1.16138	0.590915	38.2594	57.5519	1
cg22370480	ADD2;ADD2;ADD2;ADD2;ADD2		0.775394		0.943381	1.02093	1.02093	0.518122	1.23154	1.23154	0.876484	1.0464	1.0464	0.417141	1.27357	1.27357	0.748096	0.910628	-1.09814		0.508157	1.2125	1.2125	0.943511	0.979546	-1.02088	0.465403	1.24821	1.24821	0.0942593	1.70997	1.70997	0.590907	0.795909	1.19727	1
cg19867899	PCDHAC2;PCDHA7;PCDHA12;PCDHA6;PCDHA10;PCDHA4;PCDHA11;PCDHA8;PCDHA9		0.775398		0.47334	1.30659	1.30659	0.337975	1.43647	1.43647	0.314372	1.46449	1.46449	0.716207	0.874703	-1.14325	0.794064	0.908533	-1.10068		0.542709	0.797709	-1.2535	0.555071	0.803409	-1.2447	0.641883	0.842205	-1.18736	0.394958	0.726537	-1.37639	0.590901	1.25828	1.89283	1
cg13443549	B3GNTL1		0.775399		0.318551	0.771529	-1.29707	0.699855	1.15186	1.15186	0.706656	0.884148	-1.13103	0.514801	1.2944	1.2944	0.446796	1.2101	1.2101	0.594621	1.10506		0.905496	1.04221	1.04221	0.753671	0.678458	-1.47393	0.7409	0.988371	1.4868	1
cg19935055	KDM2A;KDM2A		0.775412		0.820224	1.0812	1.0812	0.659964	0.859111	-1.16399	0.909243	0.961641	-1.03989	0.225614	1.54724	1.54724	0.640824	1.17487	1.17487		0.240586	1.5241	1.5241	0.860453	0.945145	-1.05804	0.743274	0.893396	-1.11932	0.373292	0.730897	-1.36818	0.590882	1.10092	1.65617	1
cg24139739	EFNB1		0.775418		0.254363	0.274052	-3.64894	0.643256	0.602145	-1.66073	0.851523	0.815634	-1.22604	0.340595	2.9099	2.9099	0.745037	1.43537	1.43537		0.25431	0.274009	-3.64951	0.902753	1.14218	1.14218	0.621623	1.71785	1.71785	0.745545	1.42496	1.42496	0.590874	11.0694	16.6523	1
cg01153031	HMMR;HMMR;HMMR;HMMR;NUDCD		0.775427		0.710388	1.06982	1.06982	0.563629	1.11203	1.11203	0.230981	1.25526	1.25526	0.225616	0.79434	-1.25891	0.637769	1.08959	1.08959		0.486772	1.13638	1.13638	0.62918	1.09203	1.09203	0.855337	0.967519	-1.03357	0.573037	1.10732	1.10732	0.590861	0.306348	0.460869	1
cg16096836	TXN2		0.775429		0.42409	0.693877	-1.44138	0.157597	1.18719	1.18719	0.192019	0.244824	1.9457	1.9457	1.34387	1.34387	0.305691	0.774275	-1.29153	0.75501	1.08767	1.08767	0.340706	0.774978	-1.29057	0.847169	0.898707	1.11297	0.550788	0.498027	0.844408	0.894708	-1.11783	0.590858	0.544408	0.894708	0.819105	1
cg26820209	CELA3B		0.775488		0.897312	0.959653	-1.04204	0.705267	0.885858	-1.12885	0.531506	1.22404	1.22404	0.924043	0.97004	-1.03089	0.279854	0.698847	-1.43093		0.333963	1.37417	1.37417	0.256678	1.4588	1.4588	0.613149	1.34785	1.34785	0.798519	1.17658	0.893854	0.958313	-1.0435	0.590776	0.951901	1.43224	1
cg23729479	PDPK1;PDPK1;PDPK1;PDPK1;PDPK1		0.775489		0.801005	0.874359	-1.14381	0.472394	1.10152	1.10152	0.19218	0.834665	1.16161	1.16161	1.27698	1.27698	0.369435	0.554348	1.8044	1.8044	1.27698	1.27698	0.369435	0.554348	1.8044	1.8044	1
cg13966557	STOX2		0.775495		0.887323	0.940954	-1.06275	0.684261	1.19185	1.19185	0.553259	1.29364	1.29364	0.375525	1.4776	1.4776	0.509576	0.750375	-1.33267		0.220486	0.575236	-1.73842	0.468163	0.728424	-1.37283	0.539092	0.765719	-1.30596	0.694596	1.18458	1.18458	0.590765	1.72417	2.59425	1
cg04546690	PLEKHA6		0.775498		0.869884	0.931661	-1.0945	0.593782	1.3424	1.3424	0.795827	1.15238	1.15238	0.377067	1.64176	1.64176	0.574274	0.733108	-1.36406		0.176415	2.1948	2.1948	0.503468	1.34072	1.34072	0.790261	1.07906	1.07906	0.741302	0.837317	-1.19429	0.590761	2.79917	4.21177	1
cg14958291	GRAMD1A;GRAMD1A		0.775505		0.799714	1.08516	1.08516	0.713972	1.32094	1.32094	0.77264	1.12085	1.12085	0.81443	1.14864	1.14864	0.607116	0.876132	-1.14154		0.205158	1.07742	1.07742	0.870546	0.716324	-1.39597	0.758418	0.910458	-1.09842	0.721394	1.2733	1.2733	0.870622	0.807499	1.41104	0.17153	1
cg19500115	PTPRN2;PTPRN2;PTPRN2		0.775504		0.972386	1.01795	1.01795	0.334879	0.599859	-1.66706	0.154908	0.457355	-2.18649	0.64968	1.26489	1.26489	0.624983	0.775771	-1.28904		0.59749	1.13498	1.13498	0.541791	1.37352	1.37352	0.742103	1.18494	1.18494	0.923514	1.05059	1.05059	0.590753	2.47075	3.71766	1
cg16307498	PA2G4		0.775508		0.593305	0.732408	-1.36546	0.483418	1.51132	1.51132	0.549855	1.44141	1.44141	0.757622	1.20344	1.20344	0.499402	0.842475	-1.18705		0.284051	0.588241	-1.69988	0.346109	0.559612	-1.78695	0.949827	0.963857	-1.03837	0.473151	1.64708	1.64708	0.590745	1.34916	2.03941	1
cg05261028	LOC727677		0.775513		0.95355	1.01481	1.01481	0.301798	1.30983	1.30983	0.821536	0.944593	-1.05866	0.383884	1.25265	1.25265	0.797648	1.06697	1.06697		0.574639	1.1538	1.1538	0.295038	1.31519	1.31519	0.392924	1.24708	1.24708	0.16352	1.45524	1.45524	0.59074	0.595534	0.896103	1
cg16581698	DENND2K		0.775519		0.674139	1.29729	1.29729	0.443515	1.56827	1.56827	0.150827	2.050178	1.99784	1.99784	0.974672	0.981882	-1.01845	0.272575	1.93029	1.93029		0.98864	1.00823	1.00823	0.984308	1.26025	1.26025	0.96409	1.70369	1.70369	0.471999	1.524	1.524	0.590732	3.10521	4.66947	1
cg04137640	SLC16A2		0.775519		0.468089	0.28358	-3.52625	0.996887	0.993362	-1.00668	0.966147	0.894099	-1.12183	0.320834	0.54516	0.54516	0.5226	0.82852	1.20262		0.130188	0.17992	-5.55803	0.415319	0.461406	-2.1424	0.882452	0.97748	-1.02621	0.789624	1.57848	1.57848	0.590732	27.2622	41.0222	1
cg05490366	CDB1		0.775524		0.706381	0.750194	-1.33299	0.216301	2.68617	2.68617	0.268176	2.4011	2.4011	0.623854	0.687032	-1.45554	0.694742	0.741168	-1.34922		0.446511	0.554724	-1.8027	0.60984	0.738153	-1.35473	0.745755	0.781075	-1.28029	0.804853	1.20684	1.20684	0.590724	5.39624	8.11996	1
cg05803138	PHIP		0.775533		0.746553	0.791458	1.26349	0.943947	0.6573	1.5851	0.454953	2.42033	2.42033	?	?	?	?	?	?		0.640924	0.806	1.24069	0.544945	0.743339	1.34535	0.647335	0.672435	1.48735	0.29303	0.736219	1.35836	0.590686	0.881205	1.32486	1
cg15094788	POU2F3		0.775536		0.604214	0.868367	-1.15159	?	0.660214	0.340065	0.766913	-1.30393	0.275513	0.736249	-1.35824	0.474565	0.821783	-1.21687		0.793205	0.931545	-1.07349	0.317649	1.32154	1.32154	0.814807	0.938634	-1.06538	0.58285	0.860956	-1.1615	0.573627	0.588297	1.02557	1
cg25027344	ELFN1		0.775545		0.642372	1.17522	1.17522	0.479557	1.28414	1.28414	0.956816	1.38678	1.38678	0.317808	1.42799	1.42799	0.490736	1.06716	1.06716		0.38124	1.16324	1.16324	0.917851	1.81774	1.81774	0.490149	1.97414	1.97414	0.625241	0.729281	1.12917	1.12917	0.590605	1.1368	1.67989	1
cg17886330	ALDH4A1;ALDH4A1;GRAMD1A		0.775548		0.342791	0.585166	-1.70802	0.22896	0.500475	-1.9981	0.903395	0.935595	-1.06884	0.258373	0.523831	-1.90901	0.181662	0.456823	-2.17569		0.849484	1.07509	1.07509	0.880586	1.28948	1.28948	0.504055	1.90426	1.90426	0.111458	0.590646	0.81195	1.23183	1
cg01506687	XKCC1;XRCC1		0.77558		0.570346	0.674732	-1.48207	0.459978	0.593169	-1.68586	0.383914	0.540297	-1.85083	0.553621	0.662878	-1.50857	0.32431	2.02127	2.02127		?	?	?	0.667185	1.34483	1.34483	0.565378	1.48984	1.48984	0.829991	0.86328	-1.15837	0.567586	3.55366	4.69575	1
cg14136465	C5orf34		0.775553		0.187836	-5.02933	0.198386	0.0715	0.912359	-1.09588	0.719753	0.51586	-1.93899	0.190529	1.12048	1.12048	0.727799	0.890529	-1.12302	0.582173	0.991954	0.99666	-1.00335	0.190911	0.223916	0.610557	1.1858	1.1858	0.844248	0.93642	-1.06791	0.590618	1.02867	1.54991	1
cg23442962	GRIA3;GRIA3;GRIA3;GRIA3		0.775588		0.256249	0.356491	-2.80512	0.49566	0.547638	-1.82602	0.69973	0.731685	-1.40118	0.424602	0.20345	0.23145	0.916056	0.819747	-2.21989		0.196162	0.304336	-3.28585	0.93058	0.926968	-1.07879	0.762064	0.767743	-1.30252	0.617475	0.54999	1.54999	0.590635	0.708641	10.6648	1
cg23979451	CDC42;CDC42;CDC42		0.775622		0.18122	0.122337	-8.17555	0.244883	0.179266	0.1196	0.247996	0.139996	0.139996	0.016603	0.139996	0.139996	0.016603	0.139996	-7.18157		0.877744	0.151991	-6.57548	0.242551	0.174979	-5.71484	0.107594	0.085695	1.11645	0.107594	0.242551	0.174979	-5.71484	0.107594	0.085695	1.11645	0.590585	0.085695	1.11645	1
cg13848773	HERC4;HERC4		0.775627		0.937454	1.03305	1.03305	0.338168	1.50549	1.50549	0.80838	1.10592	1.10592	0.550787	0.778722	-1.28416	0.124276	0.501756	1.993		0.661855	1.20004	1.20004	0.789844	0.855223	-1.11704	0.889431	0.943992	-1.05933	0.723499	0.863131	-1.15857	0.590558	1.60593	2.4171	1
cg01157395	ABCG8;ABCG5		0.775628		0.693152	2.53571	2.53571	0.803644	1.1421	1.1421	0.461255	0.669938	-1.49268	0.756462	1.58071	1.58071	0.210425	0.494213	-2.02342		0.687395	1.24114	1.24114	0.240771	1.92678	1.92678	0.657002	0.787726	-1.26948	0.961867	0.97479	-1.02586	0.590579	2.6676	4.01504	1
cg27409393	ATP9A		0.775634		0.424201	0.860153	-1.16227	0.455538	0.702488	-1.42338	0.618435	0.823475	-1.21371	0.602977	0.80801	-1.23768	0.502397	0.80801	-1.23768		0.809052	1.0214	1.0214	0.914691	1.34827	1.34827	0.810807	0.824061	-1.2135	0.449771	0.807508	-1.23859	0.591034	0.479377	0.722	1
cg02713581	RPS27L;RPS27L		0.775638		0.188612	0.34063	0.34063	0.573859	0.6353	-1.57406	0.837013	0.848358	-1.17875	0.182707	0.39228	0.39228	0.58454	1.55237	1.55237		0.88868	0.80421	-1.11381	0.822926	1.19595	1.19595	0.576287	1.56945	1.56945	0.597555	1.53082	1.53082	0.590565	0.56159	0.87309	1
cg07832185	BICD1;BICD1		0.775644		0.278746	0.31549	-3.3148	0.512192	0.644271	1.62318	0.925558	1.03379	1.03379	0.598068	1.75684	1.75684	0.205026	1.54744	1.77779		0.609823	1.2844	1.2844	0.254154	1.55355	1.55355	0.534127	1.97026	1.97026	0.558752	1.13651	1.13651	0.321567	1.97026	1.97026	0.558752	1.10892	1.10892	0.590536	1.6988	2.54496	1
cg00543658	GARS;GARS		0.775662		0.276505	0.16238	0.16238	0.428384	2.76139	2.76139	0.276284	4.16536	4.16536	0.583432	2.00289	2.00289	0.569528	2.05651	2.05651		0.545554	2.14534	2.14534	?	?	?	0.477383	2.40372	2.40372	0.469131	2.17295	2.17295	0.590705	12.3354	18.9125	1
cg23163783	FAM19A2		0.775686		?	?	?	0.643784	0.868106	-1.15193	0.847279	0.943115	-1.06032	0.865726	0.949893	-1.05275	0.767273	1.09433	1.09433		0.618715	1.16462	1.16462	0.331982	0.737852	-1.35529	0.472443	1.24856	1.24856	0.205572	1.50026	1.50026	0.573413	0.744807	1.2598	1
cg16086225	NANOS1		0.775688		0.187369	0.598356	-1.67125	0.874603	0.645833	-1.54839	0.541852	1.19413	1.19413	0.884975	1.19454	1.19454	0.610655	0.742932	1.35009		0.880269	1.12858	1.12858	0.143759	0.707056	1.09934	1.09934	0.524596	1.26594	1.26594	0.879146	1.05752	1.05752	0.594184	1.21853	1.21853	0.59048	1.26329	1.90171	1
cg13242944	OGD4		0.775708		0.455998	0.728017	-1.37359	0.148825	0.910449	1.91049	0.656878	0.830384	-1.20426	0.47157	0.736254	-1.35823	0.726532	1.1581	1.1581		0.434564	1.39563	1.39563	0.806546	1.10803	1.10803	0.93977	1.03199	1.03199	0.910443	0.954046	-1.04817	0.590466	1.63472	2.46092	1
cg00849955	SEL1L;SPP113		0.775715		0.582026	1.12237	1.12237	0.546883	1.07961	1.07961	0.824868	0.833845	1.04271	1.04271	0.921977	1.01801	1.01801	0.921977	1.01801	1.01801	0.921977	1.01801	1.01801	0.921977	1.01801	1.01801	1
cg21683009	DRD2;DRD2		0.775713		0.766601	1.05719	1.05719	0.558813	1.08657	1.08657	0.34655	1.19856	1.19856	0.398996	0.851003	-1.17508	0.990732	0.997832	1.00217		0.22152	1.78649	1.78649	0.127138	0.764441	1.05776	1.05776	0.764077	0.945311	-1.05785	0.413857	1.16892	1.16892	0.590459	0.326491	0.491505	1
cg21352006	SOX5;SOX5;SOX5		0.775715		0.142911	0.413461	-2.41861	0.36484	0.593167	-1.68587	0.327159	0.567011	-1.76363	0.979579	0.985746	-1.01446	0.646632	0.77189	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. 047 vs. N)	Fold-Change(1 vs.105T)	Ratio(105T vs. N)	Fold-Change(1 vs.057 vs. N)	Ratio(111T vs. N)	Fold-Change(1 vs.111T)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. 127T vs. N)	Fold-Change(1 vs.121T)	p-value(347T vs. N)	Fold-Change(1 vs.347T)	p-value(347T vs. 477 vs. N)	Fold-Change(1 vs.477)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. 537 vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. 377 vs. N)	Fold-Change(1 vs.537T)	p-value(563T vs. N)	Fold-Change(1 vs.563T)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg10180411	FAM150A		0.604401	0.807756	-1.238	1.88261	1.06221	1.06221	0.43043	0.770825	-1.38923	0.436236	0.722921	-1.38328	0.359331	0.678493	-1.47386		0.885673	0.942925	-1.06053	0.175111	1.80231	1.80231	0.852756	1.07072	1.07072	0.993167	1.0035	1.0035	0.58965	1.55828	2.34909	1
cg07667813	SNAPC2;SNAPC2		0.276208	0.215377	-0.79675	-1.25537	0.453163	0.875219	-1.14257	0.611143	1.09355	0.169735	0.617735	0.915888	-1.09172	0.913441	0.981215	-1.01915		0.678356	0.920848	-1.07544	0.169911	0.774942	-1.29042	0.827469	0.962647	-1.0388	0.385496	0.856271	-1.16786	0.589638	0.284062	0.428229	1
cg00571466	RQCD1		0.276308	0.927263	0.983356	-1.01693	0.122891	0.735466	-1.35968	0.572297	0.900427	-1.11058	0.571609	1.1108	1.1108	0.951147	0.988801	-1.01133		0.750996	0.94316	-1.06027	0.700927	0.931521	-1.07351	0.601838	0.907769	-1.1016	0.238807	0.797099	-1.25455	0.589623	0.315527	0.475674	1
cg03553576	LRRC14B		0.262825	0.467335	-2.13979	0.786502	0.836706	-1.19516	0.866425	1.1369	1.1369	0.690408	0.782792	-1.30074	0.221547	0.430309	-2.32532		0.421229	0.582974	-1.71534	0.153885	0.664553	-1.50477	0.171972	0.384853	-2.59839	0.934442	0.947403	-1.05552	0.589611	0.402769	0.07208	1
cg09180977	WNT4		0.776318	0.90496	0.913457	-1.09474	0.632899	1.44006	-1.44006	0.585047	0.658457	-1.5187	0.513405	1.65248	1.65248	0.158124	0.867674	-1.15224		0.738736	1.28874	-1.28874	0.213867	2.69618	2.69618	0.493871	1.69304	1.69304	0.175782	2.97706	2.97706	0.58961	5.36295	8.08512	1
cg19965063	PPP3R1E		0.276324	0.723889	0.916505	-1.09311	0.866841	1.04211	1.04211	0.497592	1.18444	1.18444	0.457428	0.830263	-1.20444	0.258746	1.33395		0.294237	1.30658	-1.30658	0.636336	0.889516	1.12421	0.660817	1.11465	1.11465	0.401086	1.23524	1.23524	0.589601	0.564023	0.850639	1
cg12655621	TOPBP1		0.276324	0.820034	0.849666	-1.17652	0.235103	2.42966	2.42966	0.306322	2.12879	2.12879	0.94721	1.04837	1.04837	0.452533	0.579292	-1.72625		0.375237	0.522453	-1.91405	0.805529	0.838643	-1.1924	0.720733	1.29185	1.29185	0.643791	1.394	1.394	0.5896	4.7522	7.16447	1
cg13245375	GUCY1B3;GALNT6		0.776353	0.953469	0.964705	-1.03659	0.328617	2.15639	2.15639	0.178691	2.4104	2.4104	0.780919	1.18729	1.18729	0.684272	0.727445	-1.37468		0.734034	1.23568	1.23568	0.957985	0.998338	1.00166	0.437801	1.62788	1.62788	0.308841	1.9128	1.9128	0.589588	3.54086	5.33856	1
cg08090396	RPH3AL FGF13;FGF13;FGF13;FGF13;FGF1		0.776364	0.366926	0.250986	-3.98429	0.796574	1.47002	1.47002	0.90644	1.00669	1.00669	0.260657	0.188075	-5.55325	0.161009	0.107221	-9.32655		0.612833	2.14053	2.14053	0.953616	1.090555	1.09055	0.591981	1.044237	-2.24096	0.929275	1.14156	1.14156	0.589544	20.7688	31.3143	1
cg02271300	3;FGF13		0.776366	0.165524	0.286885	-3.48572	0.673698	0.699389	-1.42982	0.810987	1.22418	1.22418	0.542654	1.68248	1.68248	0.971191	0.969971	-1.03096		0.20599	0.324242	-3.08412	0.497249	0.558867	-1.78933	0.858512	0.860151	-1.16259	0.98478	0.984025	-1.01623	0.589542	0.6549	10.034	1
cg06899660	S1PR2		0.776373	0.610841	0.829848	-1.20504	0.46497	1.31031	1.31031	0.468039	0.764643	-1.3078	0.516997	0.787597	-1.26969	0.265919	0.65049	-1.5373		0.453339	0.757585	-1.31998	0.385093	1.38214	1.38214	0.898345	1.04755	1.04755	0.775839	1.10933	1.10933	0.585532	1.21324	1.85947	1
cg01445793	CAMKK1;CAMKK1;CAMKK1		0.776387	0.569798	1.64411	1.64411	0.854861	1.71753	1.71753	0.71375	0.850414	1.17755	1.17755	0.852004	1.17355	0.742565	2.42455	0.217548	0.324984	-3.07707		0.463277	0.534215	1.90834	0.778885	1.2759	1.2759	0.774442	1.37451	1.37451	0.454276	0.516056	1.9344	0.589512	6.99559	10.5482	1
cg03998179	RHEB		0.776387	0.801707	0.919477	-1.08757	0.292552	1.4395	1.4395	0.980386	0.995988	-1.00403	0.752763	0.899944	-1.11118	0.858976	0.942393	-1.06113		0.797839	1.0894	-1.0894	0.110769	0.560071	-1.78549	0.853568	0.940223	-1.06358	0.827185	1.07567	1.07567	0.589512	1.03913	1.56683	1
cg16574310	MSLN;MSLN		0.776394	0.632968	0.833155	-1.20003	0.524785	1.27668	1.27668	0.249127	0.633476	-1.57859	0.751371	1.12802	1.12802	0.95348	0.697488	-1.43372		0.903633	1.04698	1.04698	0.577311	0.807847	-1.23786	0.976936	1.01102	1.01102	0.308691	1.49079	1.49079	0.589503	1.34108	2.02216	1
cg04657831	POFUT2;POFUT2;LOC642852;POFUT2		0.776397	0.343284	2.29135	2.29135	0.981267	0.980257	-1.02014	0.742086	1.32374	1.32374	0.161492	3.56016	3.56016	0.441135	1.94856	1.94856		0.23579	2.8724	2.8724	0.768732	1.28455	1.28455	0.793588	1.24944	1.24944	0.65015	0.678563	-1.4737	0.589498	6.73182	10.1537	1
cg22412150	DNAI3B		0.776401	0.626483	1.32933	1.32533	0.115175	2.6742	2.6742	0.594417	2.36155	2.36155	0.369476	1.69775	1.69775	0.974519	0.993367	-1.0691		0.555155	1.40881	1.40881	0.288353	1.88325	1.88325	0.462362	1.53672	1.53672	0.467389	1.52909	1.52909	0.589493	3.07906	4.64287	1
cg05591625	MIER2		0.776403	0.362669	1.54756	1.54756	0.332417	1.59471	1.59471	0.278221	1.91231	1.91231	0.632144	1.84798	1.84798	0.224546	0.501423	1.99431		0.765531	1.1498	1.1498	0.298231	1.65413	1.65413	0.43808	1.44654	1.44654	0.995873	1.00242	1.00242	0.58949	2.03385	3.06683	1
cg20088477	FOXP1		0.776412	0.14075	0.367995	-2.71743	0.926015	1.06035	1.06035	0.343124	0.539984	-1.85191	0.589462	0.70912	-1.4102	0.746925	0.815227	-1.22665		0.592056	1.40676	1.40676	0.551684	1.46222	1.46222	0.82938	1.14587	1.14587	0.619598	0.729244	-1.37128	0.589478	3.71662	5.60439	1
cg00460286	PSTPIP1		0.776425	0.744783	0.766338	-1.30431	0.744556	1.1524	1.1524	0.51504	0.987492	1.30442	0.864883	0.871883	-1.14804	0.757925	0.631635	-1.58319		0.873124	1.13883	1.13883	0.676448	1.40736	1.40736	0.969514	1.00943	1.00943	0.992623	0.992495	-1.00756	0.589459	6.19735	9.34544	1
cg04573734	EHMT2;EHMT2		0.77644	0.858974	0.963607	-1.03777	0.907534	1.02452	1.02452	0.669651	1.09358	1.09358	0.848822	1.04058	1.04058	0.394726	1.19925	1.19925		0.491448	1.1568	1.1568	0.372541	1.20125	1.20125	0.820857	1.04841	1.04841	0.087449	1.48182	1.48182	0.589438	0.405603	0.616561	1
cg25269404	KREMEN1;KREMEN1		0.776426	0.155961	0.350611	2.85714	0.832027	1.02702	1.02702	0.922284	1.18599	1.18599	0.592829	1.13126	1.13126	0.752752	0.902201	-1.1084		0.960055	1.06759	1.06759	0.835126	0.908603	-1.10037	0.717752	1.13012	1.13012	0.594432	1.02015	1.02015	0.589475	0.190805	0.288075	1
cg11223196	GPR45		0.776451	0.303382	0.474146	-2.10906	0.619405	0.70433	-1.41979	0.599763	0.690285	-1.44868	0.984851	1.00136	1.00136	0.278739	0.454583	2.19982		0.960055	0.965547	-1.03568	0.499327	1.61615	1.61615	0.18141	1.3704	1.3704	-2.69971	0.878688	0.898598	-1.11284	0.589422	4.57444	6.89856	1
cg02585862	CCDC72;CCDC51		0.776458	0.980701	0.966236	-1.00378	0.509943	1.10984	1.10984	0.53749	1.10223	1.10223	0.426121	1.13509	1.13509	0.203877	1.16934	1.16934		0.724062	1.05682	1.05682	0.914231	0.807234	-1.2388	0.852462	0.971388	-1.02945	0.620883	1.08084	1.08084	0.589413	0.226947	0.342257	1
cg13696566	CDGAP		0.776467	0.843852	1.07006	1.07006	0.854374	0.861864	0.861864	-1.16036	0.755799	1.07921	0.926557	1.07921	1.07921	0.449357	1.20729	1.20729	0.449357	1.20729	1.20729	0.449357	1.20729	-1.18345	0.240662	-1.35009	0.773662	1.073	0.589394	0.557405	0.840645	1
cg06204800	TECPR1		0.776472	0.236356	0.7006	-1.42735	0.519752	1.20579	1.20579	0.529731	0.833133	-1.20029	0.745309	0.910767	-1.09798	0.72257	0.902825	-1.10763		0.960437	0.985875	-1.01433	0.243342	1.41918	1.41918	0.711905	1.11224	1.11224	0.589631	0.855427	-1.16901	0.589393	0.767648	1.15772	1
cg09885735	FOXB1		0.776483	0.538832	1.18344	1.18344	1.15205	0.644488	0.644488	-1.55139	1.26973	1.26973	0.98262	1.02009	1.02009	0.136361	1.33693	1.33693	0.920648	-1.08706	0.920648	-1.08706	0.920648	-1.08706	0.920648	-1.08706	0.920648	-1.08706	0.920648	-1.08706	0.589483	0.940332	1.42827	1
cg14020126	PACS2;PACS2		0.776485	0.486027	1.34059	1.34059	0.697112	1.17582	1.17582	0.39554	1.43376	1.43376	0.999998	1	1	0.113701	0.490342	2.03939		0.742404	1.82343	1.82343	1.14634	0.971609	0.985371	-1.01485	0.954645	0.976723	-1.02383	0.978409	0.989411	-1.0107	0.589387	1.60057	2.41391	1
cg25590392	TMEM52		0.776489	0.69785	0.615182	-1.62553	0.988981	1.01735	1.01735	0.390082	2.99448	2.99448	0.918028	0.879676	-1.13678	0.379895	0.325711	-3.07021		0.799744	0.728652	-1.3724	0.275175	4.11154	4.11154	0.770706	0.694031	-1.43899	0.259308	4.32979	4.32979	0.589369	14.476	21.8328	1
cg02560877	YAP1;YAP1		0.776509	0.3562902	1.49004	1.49004	0.77623	1.2894	1.2894	0.285	1.9222	1.9222	0.972184	1.07695	1.07695	0.124	0.917164	1.1563		0.2738	3.65363	3.65363	2.00179	1.5475	1.5475	0.951096	1.0381	1.0381	0.59354	1.74695	1.74695	0.589364	4.66564	6.52866	1
cg05846894	POLL;RP11-529I10.4		0.776518	0.486841	0.84851	-1.17854	0.306988	0.781998	-1.27878	0.631511	1.11891	1.11891	0.304176	0.780799	-1.28074	0.58716	1.13595	1.13595		0.563174	0.872922	-1.14558	0.592437	0.88193	-1.13388	0.567707	1.14378	1.14378	0.737665	0.810197	-1.23427	0.589328	0.504626	0.761133	1
cg18742207	DDX50		0.776533	0.992064	1.00794	1.00794	0.983657	1.00899	1.00899	0.708574	1.00641	1.00641	0.945245	1.04571	1.04571	0.467152	1.11372	1.11372		0.550555	1.5807	1.5807	0.170202	1.64021	1.64021	0.145435	1.31009	1.31009	0.104584	1.64227	1.64227	0.589357	0.660056	1.002626	1
cg00795268	COMMD9;COMMD9		0.776535	0.836233	0.922336	-1.0842	0.110291	0.506745	-1.97338	0.350189	0.686888	-1.45584	0.611023	0.818452	-1.22182	0.63178	0.828132	1.20754		0.844237	0.926046	-1.07986	0.854737	0.930922	-1.0742	0.225818	0.608482	-1.64343	0.502887	0.766777	-1.30416	0.589305	0.34248	2.14761	1
cg02650728	C4orf10;NDP14		0.776554	0.933978	0.9658	-1.03541	0.405408	1.42979	1.42979	0.166174	1.85917	1.85917	0.882602	0.939824	-1.06403	0.990966	0.691301	-1.44655		0.776748	1.12682	1.12682	0.509602	1.32441	1.32441	0.557473	1.28296	1.28296	0.659173	0.829922	-1.20493	0.589278	1.64636	2.48344	1
cg26204448	MAD1L1;MAD1L1;MAD1L1		0.776565	0.327941	1.3076	1.3076	0.212748	3.6264	3.6264	0.0	3.6264	3.6264	0.585607	1.58297	1.58297	0.538059	1.52622	1.52622	0.555408	1.55408	1.55408	0.555408	1.55408	1.5807	0.153202	1.02584	1.02584	0.925865	1.4584	1.4584	0.919432	0.925243	1.0808	0.589262	5.00403	8.33267	1
cg06484360	LSM4		0.776579	0.818644	1.10293	1.10293	0.323197	1.54537	1.54537	0.199913	1.7818	1.7818	0.281275	1.61233	1.61233	0.466569	1.37168	1.37168		0.293336	1.58222	1.58222	0.365542	1.48672	1.48672	0.699331	1.18004	1.18004	0.327625	1.53886	1.53886	0.589242	1.69805	2.56157	1
cg27314756	FBXW4		0.776587	0.356907	1.46488	1.46488	0.735209	0.706125	1.30363	0.403226	2.00513	2.00513	0.780834	1.298058	1.25304	0.511567	1.71769		0.323709	0.645557	2.29062	0.328356	1.85968	1.85968	0.278081	0.619354	-1.61411	0.758447	2.2815	2.2815	0.589284	6.17332	9.31267	1
cg26588812	GPR5C;GPR5C		0.776615	0.229091	2.50931	2.50931	0.379058	1.95437	1.95437	0.553537	1.56051	1.56051	0.495285	1.66403	1.66403	0.266991	1.29338	1.29338		0.168141	1.97601	1.97601	0.23979	2.49317	2.49317	0.583695	1.5082	1.5082	0.458386	1.7518	1.7518	0.589192	5.14473	7.76163	1
cg14179288	TLE4		0.776638	?	?	?	0.422435	2.54171	2.54171	0.622584	0.570031	-1.75429	0.41293	2.59409	2.59409	0.336425	0.322334	-3.10237		?	?	?	0.831294	1.27271	1.27271	0.50825	2.1429	2.1429	0.827378	1.28	1.28	0.546017	8.17565	12.8342	1
cg13690531	CDB6;CDB6;CDB6		0.776658	0.365253	0.455767	-2.1941	0.503024	0.729125	-1.36963	0.403226	2.00513	2.00513	0.780834	1.298058	1.25304	0.511567	1.71769		0.33923	2.07291	2.07291	0.361378	2.49317	2.49317	0.583695	1.5082	1.5082	0.458386	1.7518	1.7518	0.589192	5.14473	7.76163	1
cg13777759	HRNBP3		0.776691	0.914436	0.934811	-1.06973	0.918824	0.60603	-1.06603	0.352679	1.82183	1.82183	0.549538	1.46198	1.46198	0.971205	0.977615	-1.0229		0.98982	1.08003	1.08003	0.341928	0.940142	0.940142	-1.06391	0.545641	-1.83271	0.57269	1.42977	1.42977	0.589085	3.67024	5.53815	1
cg11754676	ZNF10		0.776696	0.91386	0.983284	-1.01722	0.760504	1.14229	1.14229	0.506657	0.883573	-1.13214	0.488933	1.13123	1.13123	0.688975	0.824914	-1.21233		0.168141	1.97601	1.97601	0.23979	2.49317	2.49317	0.583695	1.5082	1.5082	0.458386	1.7518	1.7518	0.589192	5.14473	7.76163	1
cg21206285	OTUD5;OTUD5;OTUD5;OTUD5		0.776706	0.280803	0.491784	-2.03341	0.576933	0.699909	-1.42876	0.922134	0.939979	-1.06385	0.364945	1.80284	1.80284	0.458456	1.61277	1.61277		0.368099	0.557376	-1.79412	0.671089	1.31053	1.31053	0.739922	1.2348	1.2348	0.574764	1.43173	1.43173	0.589064	3.73937	5.64265	1
cg05102849	SPN;SPN;SPN;SPN		0.776709	0.499723	1.40423	1.40423	0.838909	1.05319	1.05319	0.70014	1.20294	1.20294	0.951327	0.975511	-1.02511	0.513096	0.598804	-1.66976	0.147243	0.614138	-1.62794	0.344247	0.726425	1.37625	0.731273	-1.3134	0.59206	0.75116	0.589354	2.25241	3.39888	1
cg18147226	WDPT3;C4orf12		0.776721	0.515196	0.837088	-1.19462	0.927742	1.07526	1.07526	0.479854	0.70484	-1.41936	0.437376	1.44376	1.43376	0.999998	1	1	0.113701	0.490342	2.03939		0.742404	1.82343	1.82343	1.14634	0.971609	0.985371	-1.01485	0.954645	0.976723	-1.02383	0.978409	0.989411	-1.0107	0.589387	1.60057	2.41391	1
cg04940776	LOC440356;LOC440356;CDIPT		0.776723	0.897644	1.03509	1.03509	0.816249	0.939521	-1.06437	0.167278	1.48372	1.48372	0.838649	1.05682	1.05682	0.921609	0.973964	-1.02673		0.799744	0.728652	-1.3724	0.275175	4.11154	4.11154	0.770706	0.694031	-1.43899	0.259308	4.32979	4.32979	0.589369	14.476	21.8328	1
cg24952358	UMBX1		0.776741	0.994976	1.00506	1.00506	0.940004	1.01051	1.01051	0.261783	1.17313	1.17313	0.881529	1.06302	1.06302	0.300533	0.644137	-1.55266	0.254683	0.614183	-1.62794	0.344247	0.726425	1.37625	0.731273	-1.3134	0.59206	0.75116	0.589354	2.25241	3.39888	1
cg02696885	ZCCHC14		0.776749	0.419561	1.82472	1.82472	0.447785	1.75802	1.75802	0.291755	2.2205	2.2205	0.256657	2.37118	2.37118	0.299096	2.19201	2.19201		0.288044	2.32527	2.32527	0.26466	2.33357	2.33357	0.417593	1.82958	1.82958	0.665572	1.37317	1.37317	0.589003	4.96081	7.48656	1
cg09827157	BAT3;BAT3;BAT3;BAT3		0.776754	0.914111	0.96707	-1.03116	0.634665	1.12324	1.12324	0.999084	1.00033	1.00033	0.235935	0.903278	-1.42373	0.309937	1.35646	1.35646		0.521175	0.81133	-1.23218	0.818315	0.936447	-1.06764	0.923597	1.33727	1.33727	0.762089	0.917258	-1.09021	0.589097	0.73753	1.13904	1
cg11283983	SLC14A3;SLC14A3		0.776754	0.474784	0.470668	2.12504	0.808476	1.07475	1.07475	0.617475	1.08451	1.08451	-1.15673	0.534563	0.658926	-1.51762	0.261604	0.460054	-2.17366		0.408911	0.571115	-1.75096	0.543956	0.790009	-1.26546	0.418346	0.471231	-2.12209	0.540939	-1.62591	0.647122	0.736624	-1.35755	0.589997	0.10316	0.619231	1
cg11065634	BC113;BC113;BC113		0.776756	0.599046	1.36857	1.36857	0.473799	1.58356	1.58356	0.203685	2.21097	2.21097	0.994697	1.00394	1.00394	0.553114	1.42594	1.42594		0.426544	1.61631	1.61631	0.378844	1.70365	1.70365	0.144293	2.54178	2.54178	0.571669	1.4028	1.4028	0.58809	3.26262	4.92386	1
cg01225788	SULF1;SULF1;SULF1;SULF1		0.776786	0.749913	1.33356	1.33356	0.720715	1.3883	1.3883	0.216582	1.61256	1.61256	0.999653	1.00039	1.00039	0.512682	1.16393	1.16393	0.591444	1.117	1.117	1.117	0.587707	1.11509	0.789836	1.1762	1.07292	1.07292	0.945881	1.34181	0.992513	1.22174	1.22174	0.589581	1.75893	2.65183	1
cg13849422	FAM83D		0.77679	?	?	?	0.425103	2.11729	2.11729	0.355513	2.3996	2.3996	0.367954	2.34359	2.34359	0.933444	1.07996	1.07996		0.532064	1.79121	1.79121	0.683761	0.685801	-1.45815	0.391759	0.44571	-2.24361	0.617073	0.628601	-1.59083	0.571842	0.82805	11.9404	1
cg08418126	WBP4		0.776818	0.836131	1.28377	1.28377	0.873617	0.825314	1.21166	0.914292	0.873828	-1.13865	0.302835	0.276021	-3.62165	0.683705	0.610163	-1.63891		0.534854	2.13407	2.13407	0.403284	2.80302	2.80302	?	0.25192	-3.9702	0.42556	4.23556	0.571829	11.71	20.4782	1
cg26865036	CDKN2D;KRI1;CDKN2D		0.776823	0.228358	2.73406	-1.35244	0.648277	0.897751	-1.11389	0.564335	0.872093	-1.14667	0.34077	0.794085	-1.25931	0.540293	0.864502	-1.15674	0.694108	0.98824	-1.01206	0.931609	0.914009	-1.09408	0.892138	0.729241	1.37185	1.37185	0.589382	0.51446	0.77653	1
cg09654300	TRAK1		0.776837	0.39387	0.419535	-2.38359	0.25121	0.303517	-3.29471	0.833971	1.23215	1.23215	0.827215	0.804596	-1.24286	0.371458	0.401442	-2.49102		0.331174	0.368911	-2.71068	0.262516	0.312888	-3.19604	0.324074	0.363163	-2.75358	0.930653	1.09042	1.09042	0.588879	9.22561	13.9257	1
cg09438106	TNFAIP8L2		0.776846	0.711338	1.40525	1.40525	0.838909	1.05319	1.05319	0.70014	1.20294	1.20294	0.951327	0.975511	-1.02511	0.513096	0.598804	-1.66976	0.147243	0.614138	-1.62794	0.344247	0.726425	1.37625	0.731273	-1.3134	0.59206	0.75116	0.589354	2.25241	3.39888	1
cg01542010	TECR		0.776848	0.75325	0.756623	-1.32166	0.989378	0.988296	-1.01184	0.953354	1.05309	1.05309	0.989541	0.988475	-1.01166	0.36694	0.440579	-2.26974		0.230425	0.328679	-3.04248	0.235977	0.333445	2.999	0.212123	0.312758	-3.19736	0.917025	1.09654	1.09654	0.588864	7.29406	11.0104	1
cg21779794	GJB6;GJB6;GJB6;GJB6		0.776853	0.283361	2.77365	2.77365	0.378423	1.91224	1.91224	0.327762	2.17262	2.17262	0.814454	1.20703	1.20703	0.108448	0.8191	-1.22096	0.451058	0.34018	-2.93908	0.194707	0.958558	-1.04323	0.874005	1.15729	1.15729	0.792958	1.17877	1.17877	0.588376	0.824988	1.24606	1
cg23014800	CHRFAM7A;CHRFAM7A		0.776854	0.553693	1.20548	1.20548	0.205671	1.51659	1.51659	0.32515	0.728382	-1.37291	0.833227	0.936343	-1.06798	0.376083	0.753256	-1.32757		0.562738	1.20025	1.20025	0.895601	1.0418	1.0418	0.829998	0.93513	-1.06937	0.857269	0.945391	-1.05776	0.588856	0.907454	1.36982	1
cg19514905	FRMD6		0.776856	0.352911	0.788907	-1.25171	0.738444	0.924308	-1.08189	0.503076	0.852466	-1.17307	0.996444	1.00105	1.00105	0.583395	1.13893	1.13893		0.14059	0.68914	-1.45108	0.73423	1.08333	1.08333	0.916943	1.0248	1.0248	0.41964	0.823928	-1.2137	0.588353	0.514482	0.776623	1
cg04493422	PRMT2;PRMT2		0.776856	0.525653	1.39188	1.39188	0.729715	1.23833	1.23833	0.416968	1.70152	1.70152	0.829156	0.793655	0.987734	0.939255	1.06233	1.06233	0.828388	1.20687	1.20687	1.20687	1.20687	1.22102	0.792002	1.16637	1.16637	0.857691	1.16332	0.222025	1.22602	1.22602	0.588848	0.236789	0.357442	1
cg05150973	EHD1		0.776864	0.796492	0.860728	-1.16181	0.582984	1.37958	1.37958	0.106595	2.7802	2.7802	0.617164	0.746419	-1.33973	0.945078	0.960807	-1.04079		0.486739	0.665586	-1.50696	0.560293	1.40743	1.40743	0.934606	1.04878	1.04878	0.9715	0.979481	-1.02095	0.588842	3.1408	4.74121	1
cg10585739	SLC4A2;SLC4A2		0.776865	0.380462	1.18184	1.18184

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test	S5(Test	S5(Error)	
cg14765414	MCF2L,MCF2L	0.777784	0.953676	0.993817	-1.03272	0.16757	2.29375	2.29375	0.324115	1.75836	1.75836	0.711143	1.22894	1.22894	0.382819	0.608958	-1.64215	0.723132	1.21792	1.21792	0.637066	1.30133	1.30133	0.718116	0.81799	-1.22251	0.771205	0.850779	-1.17539	0.587549	2.83824	4.32416	1
cg26991024	STRAP	0.777786	0.158473	0.252528	-3.95996	0.795537	1.26455	1.26455	0.995768	0.995219	-1.0048	0.79593	1.26396	1.26396	0.676705	0.684398	-1.46114	0.736141	0.736563	1.35766	0.563318	0.580302	-1.69692	0.638298	1.53463	1.53463	0.316943	2.55883	2.55883	0.584276	7.39581	9.84516	1
cg25880344	THSD7A	0.777796	0.723898	1.19214	1.19214	0.448733	0.682134	-1.46599	0.534152	0.731994	-1.36633	0.304143	1.69442	1.69442	0.466765	1.44333	1.44333	0.298337	1.70604	1.70604	0.377608	1.56611	1.56611	0.934948	0.960357	-1.04128	0.633417	1.26881	1.26881	0.587532	2.2847	3.45657	1
cg28112188	ZNF652,ZNF652	0.777804	0.297591	0.621932	-1.60789	0.866271	0.928553	-1.07694	0.488838	1.36242	1.36242	0.880388	0.935918	-1.06847	0.511385	0.746003	-1.34037	0.338887	1.54275	1.54275	0.621581	0.803454	-1.24463	0.635777	0.810719	-1.23347	0.290027	0.617536	-1.61994	0.58752	1.79998	2.72328	1
cg22053042	PIR12	0.777818	0.586811	0.861441	-1.16085	0.683314	1.11793	1.11793	0.562728	1.1724	1.1724	0.403182	1.26177	1.26177	0.711322	0.903901	-1.10632	0.58242	1.16292	1.16292	0.115342	1.59249	1.59249	0.742664	1.09356	1.09356	0.825774	0.941839	-1.06175	0.587501	0.687384	1.04001	1
cg05162032	CYTH3	0.777832	0.317077	1.23168	1.23168	0.98688	1.00332	1.00332	0.748196	1.06704	1.06704	0.464447	1.16185	1.16185	0.349368	1.21421	1.21421	0.602785	0.899621	-1.11158	0.761825	0.940593	-1.06316	0.328067	1.22554	1.22554	0.233886	1.2858	1.2858	0.587498	0.377705	0.571471	1
cg06842537	HEATR4;C14orf169	0.777825	0.925559	1.04072	1.04072	0.078675	2.30266	2.30266	0.831248	0.912889	-1.09542	0.722696	0.858841	-1.16436	0.771274	1.13257	1.13257	0.896926	0.946151	-1.05691	0.65184	0.82367	-1.21408	0.556832	1.2889	1.2889	0.909681	1.04966	1.04966	0.587491	1.69713	2.56781	1
cg21832986	FYN;FYN	0.777826	0.943442	1.05093	1.05093	0.618353	0.792017	1.26232	0.792	0.682856	0.750057	-1.33323	0.199908	0.987486	-2.50874	0.891826	1.09995	1.09995	0.477598	1.65787	1.65787	0.355509	2.29583	2.29583	0.824534	1.16818	1.16818	0.645324	0.723048	-1.38303	0.58749	4.56085	6.90909	1
cg09741222	MRPS27	0.777836	0.941977	0.945453	-1.05793	0.621614	1.45743	1.45743	0.418466	1.89045	1.89045	0.215702	0.563688	0.563688	-1.77419	0.397259	1.39755	0.490864	1.71468	1.71468	0.863899	1.14134	1.14134	0.587476	0.524675	0.836497	1.14134	1.14134	0.587476	0.524675	0.836497	1.14134	1.14134	0.587476	0.524675	0.835917	1
cg03825574	BCORL1	0.777867	0.291988	0.293626	-3.4057	0.935909	0.913803	-1.09433	0.800034	0.752402	-1.32908	0.160373	5.37049	5.37049	0.775416	1.17795	1.17795	0.372131	0.358072	-2.79273	0.863182	1.20463	1.20463	0.9923	0.980242	-1.01087	0.91907	1.12065	1.12065	0.587432	11.6875	17.6853	1
cg19293162	GNG7	0.777868	0.336335	0.542184	1.84493	0.402218	1.88288	1.88288	0.13304	0.788707	1.17949	0.178506	1.68229	1.68229	0.779552	1.24204	1.24204	0.923033	0.842066	-1.18753	0.77844	0.840401	1.18991	0.377744	0.923072	-1.08325	0.750289	0.823102	-1.21798	0.587404	3.54837	5.36956	1
cg05626541	OCN	0.777893	0.691308	1.0917	1.0917	0.978787	1.00586	1.00586	0.794797	0.944316	-1.05897	0.817532	1.05211	1.05211	0.434049	1.1918	1.1918	0.333309	1.24529	1.24529	0.279132	1.28019	1.28019	0.180752	1.36669	1.36669	0.301284	1.26544	1.26544	0.587396	0.449515	0.680238	1
cg04720795	CDKN2C,CDKN2C;CDKN2C	0.77879	0.310517	1.2691	1.30399	0.578107	0.865427	-1.1555	0.826439	0.945073	-1.05812	0.995439	0.998531	-1.00147	0.967883	0.989695	-1.01041	0.74908	0.90969	-1.09894	0.116456	0.644738	-1.5509	0.760159	1.08165	1.08165	0.8671	0.995840	-1.00417	0.587385	0.615587	0.931718	1
cg13717684	C3orf52;MIR567	0.777919	0.139784	1.56134	-3.9042	0.628098	0.658065	-1.51961	0.605828	0.640029	-1.56243	0.605219	0.639538	-1.56363	0.156296	0.272523	-3.66942	0.421081	0.494312	-2.02302	0.589256	0.626705	-1.59565	0.855084	0.85494	-1.16967	0.489214	0.547583	-1.82621	0.587359	6.83617	10.3456	1
cg25209153	LDLRAP1	0.777932	0.78231	0.823107	-1.21491	0.584593	1.47403	1.47403	0.307305	2.1007	2.1007	0.73477	0.831606	-1.20249	0.288905	0.461292	-2.16783	0.939792	1.05453	1.05453	0.984071	1.01377	1.01377	0.349155	0.429196	-2.32994	0.52555	0.63629	-1.57161	0.587341	4.5948	6.95382	1
cg16290123	KLHL21	0.777949	0.358949	0.941167	-1.34922	0.443599	0.827542	-1.20247	0.553511	0.830379	-1.20376	0.150486	1.00466	1.00466	0.383077	1.09844	1.09844	0.760021	1.163184	1.163184	0.259099	0.688073	-1.45334	0.862305	1.12505	1.05976	0.605911	0.847676	-1.1797	0.587183	0.939314	1.45951	1
cg19285110	TBX3	0.77798	0.365301	0.634746	-1.57543	0.848882	0.911847	-1.09667	0.198565	0.511306	-1.95578	0.21071	0.521833	-1.91632	0.417038	0.667315	-1.49854	0.495217	0.713934	-1.40069	0.937873	1.03844	1.03844	0.800067	0.88436	-1.13076	0.797712	1.13245	1.13245	0.580116	2.04883	2.35451	1
cg14215586	HOXC9	0.777987	0.201207	1.66445	1.66445	0.540318	1.26363	1.26363	0.811889	0.913939	-1.09416	0.498596	0.771591	-1.29602	0.46599	0.75576	-1.32317	0.354259	1.43295	1.43295	0.799	1.1011	1.1011	0.162253	0.824539	-1.2128	0.976816	0.989091	-1.01103	0.587264	1.32513	2.00573	1
cg01878345	POU3F3	0.777989	0.42117	0.688277	-1.4529	0.374933	0.661009	-1.51284	0.908511	1.05365	1.05365	0.220565	1.79585	1.79585	0.349177	0.64525	-1.54979	0.641424	0.807985	-1.23765	0.783293	0.882206	-1.13352	0.928122	1.04187	1.04187	0.514313	0.740352	-1.35071	0.587261	1.92209	2.90931	1
cg03732797	ATP2B2;ATP2B2	0.777996	0.69919	0.892956	-1.12008	0.842444	1.14295	1.14295	0.42466	0.707765	0.895857	-1.11625	0.847564	1.05781	1.05781	0.530558	0.784314	1.1495	1.1495	1.1495	0.24646	0.710182	1.13939	0.624015	0.657069	1.13939	1.13939	0.624015	0.657069	1.13939	1.13939	0.624015	0.657069	1.13939

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg01467209	EEF1D;EEF1D;TIGD5;EEF1D;EEF1D;EEF1	0.779159	0.713304	0.92833	-1.0772	2.118557	1.29796	1.29796	0.211394	1.30386	1.30386	0.921733	1.02	1.02	0.816876	1.03047	1.03047							
cg23214606	TMEM183A;TMEM183B	0.779167	?	?	?	?	?	?	0.759853	1.36316	1.36316	0.245243	1.39471	1.39471	?	?	0.931469	1.01748	1.01748	0.36081	0.829992	-1.02483	0.603023	1.11153	1.11153	0.783854	1.05697	1.05697	0.585615	0.37666	0.571721	1
cg01553548	FRAS1;FRAS1	0.779184	0.476389	0.420275	-1.3794	0.849488	0.796577	-1.25537	0.534789	0.471175	-2.12235	0.392988	-1.25537	0.534789	0.471175	-2.12235	0.392988	?	?	0.902809	0.884403	-1.13071	0.938214	1.08103	1.08103	0.941362	0.928737	-1.07673	0.479502	3.4194	4.27869	1
cg05669848	SDHA	0.779193	0.885443	1.09122	1.09122	0.284806	1.95966	1.95966	0.150435	2.54305	2.54305	0.413418	1.65919	1.65919	0.214381	1.96969	1.96969	0.522708	1.48035	1.48035	0.822879	1.14541	1.14541	0.691428	1.27327	1.27327	0.338582	1.81728	0.187258	0.585567	3.40068	5.16222	1
cg05078238	SNED1	0.779197	0.777821	0.783414	-1.27647	0.240622	0.346429	-2.8866	0.351404	2.28772	-2.28772	0.802249	1.24536	1.24536	0.965754	0.963631	0.10732	0.217394	0.126344	-1.06425	0.469088	0.529628	-1.88812	0.810777	0.813043	-1.22995	0.90368	0.900806	-1.11012	0.585562	0.905201	10.4823	1
cg08111196	MYADML2	0.779202	0.747557	1.23214	1.23214	0.455557	0.611843	-1.63441	0.521789	1.52152	1.52152	0.771858	0.828671	-1.20675	0.327306	0.520135	-1.92258	0.329021	0.521417	-1.91785	0.880404	1.10222	1.10222	0.782217	0.836	-1.19617	0.198844	0.415754	-2.40527	0.585556	3.87519	5.38264	1
cg16829674	CPN2	0.779222	0.814222	1.07619	1.07619	0.389318	1.32022	1.32022	0.33772	0.753782	1.32664	0.441461	1.27741	1.27741	0.612429	0.852691	-1.17276	0.632555	1.16214	1.16214	0.419543	0.771562	-1.29539	0.417393	1.2951	1.2951	0.576024	0.838427	-1.19271	0.585537	0.902308	1.3698	1
cg08279377	ZNF805;ZNF805	0.779226	0.39412	2.38312	2.38312	0.369719	0.402557	-2.48412	0.648149	1.57432	1.57432	0.337271	0.65697	1.62057	0.608205	0.420008	-2.38081	0.425051	2.35251	0.24812	-4.03055	0.648931	1.54206	1.54206	0.910672	1.11723	1.11723	0.585521	0.04777	0.173556	1
cg06710900	IQSEC1;IQSEC1;IQSEC1	0.779233	0.17767	0.432604	-2.31158	0.91224	1.06661	1.06661	0.59308	1.37097	1.37097	0.990194	1.00721	1.00721	0.269038	0.510008	-1.96076	0.666762	1.2884	1.2884	0.843472	0.890797	-1.12259	0.424134	0.620341	-1.61202	0.513917	0.678952	-1.47286	0.585511	3.17289	4.8169	1
cg04471890	CYP17A1	0.779253	0.64434	1.54021	1.54021	0.534357	0.884346	1.13586	0.754036	1.32583	1.70583	0.710453	1.02842	1.02842	1.09323	0.750031	-1.33302	0.500904	0.543632	-1.83934	0.158657	0.260707	-3.83572	0.402956	0.402956	-2.48155	0.483743	0.738176	1.32071	0.585556	0.269755	13.2071	1
cg14181223	NR1H3;ACP2;ACP2	0.779261	0.220199	2.823737	-3.54137	0.58208	0.576692	-1.72505	0.871258	1.17246	1.17246	0.252449	0.309536	-3.23061	0.783338	0.763081	-1.31048	0.575062	1.74305	1.74305	?	?	0.392352	0.423325	-2.36225	0.783727	0.763463	-1.30982	0.568324	7.69926	13.5473	1
cg21178069	NELL1;NELL1	0.779271	0.360468	0.657334	-1.63233	0.310767	0.578915	-1.72737	0.41753	0.649339	-1.54003	0.323628	0.58783	-1.70117	0.512536	0.707393	-1.41364	0.45334	1.48903	1.48903	0.338949	0.598271	-1.67148	0.886191	0.928077	-1.0775	0.942058	1.03861	0.958458	2.51872	3.82412	1
cg19659004	AMN	0.779282	0.45855	2.53685	2.53685	0.835873	1.29158	1.29158	0.280568	0.2578	-3.87897	0.68121	1.66441	1.66441	0.828606	0.765363	-1.30657	0.615965	1.8659	1.8659	0.980376	0.970119	-1.0308	0.226477	4.789	4.789	0.336124	1.39823	1.39823	0.585443	3.41049	21.4158	1
cg16813053	CHN1;CHN1;CHN1	0.779292	0.589833	0.512434	-1.95147	0.825208	0.76206	-1.31223	0.286729	0.256911	-3.8924	0.509569	2.27475	2.27475	?	?	?	0.92671	1.11966	1.11966	0.916083	0.878549	-1.13824	0.36654	3.1256	3.1256	0.337918	3.36562	0.365562	0.585628	12.074	21.2465	1
cg03107920	HPCA	0.779326	0.301088	1.49487	1.49487	0.134007	0.454678	1.45478	0.972603	1.01313	1.01313	0.160273	0.75902	1.75902	0.448739	1.33727	1.33727	0.758938	1.12286	1.12286	0.270216	1.54065	1.54065	0.947277	1.12943	1.12943	0.9433	0.973577	-1.02714	0.585381	1.3164	1.99528	1
cg24478387	SUMF2;SUMF2;SUMF2;SUMF2;SUMF2	0.779328	0.241912	1.47345	1.47345	0.580678	1.19311	1.19311	0.936368	1.02559	1.02559	0.41516	1.30158	1.30158	0.913706	1.0349	1.0349	0.151376	1.6266	1.6266	0.896291	0.959571	-1.04213	0.919299	1.03259	1.03259	0.574493	0.836074	-1.19607	0.585378	0.928443	1.40983	1
cg18060199	KCNK3	0.779357	0.217968	1.76065	1.76065	0.647936	1.22223	1.22223	0.563698	0.775082	-1.29019	0.997622	0.9987	-1.0013	0.945774	0.654531	-1.52781	0.381569	0.675884	-1.47954	0.810583	1.1105	1.1105	0.854886	0.923197	-1.08319	0.402942	0.738478	-1.35414	0.585337	1.76633	2.68234	1
cg23010693	MARK3;MARK3;MARK3;MARK3;MARK3 TOM1;TOM1;TOM1;TOM1;TOM1;TOM	0.779358	0.968862	0.976239	-1.02434	0.248332	0.475467	-2.1032	0.675368	1.29625	1.29625	0.421368	1.65869	1.65869	0.230775	0.460947	-2.16945	0.614616	1.3672	1.3672	0.67233	0.769444	-1.29964	0.859653	1.1152	1.1152	0.73252	1.23535	1.23535	0.585336	3.51844	5.34309	1
cg20705882	1	0.77938	0.772548	1.15105	1.15105	0.446982	1.45676	1.45676	0.335247	0.617345	-1.61984	0.956496	0.973868	-1.02683	0.949721	1.03108	1.03108	0.690639	0.823516	-1.21431	0.178702	2.00062	2.00062	0.454769	0.693039	-1.4471	0.992661	0.995545	-1.00447	0.585305	2.18396	3.31673	1
cg25324962	GJA3	0.779382	0.428345	1.68189	1.68189	0.834542	1.0855	1.0855	0.314587	1.14749	1.14749	?	1.11279	1.11279	0.812173	0.5441	-1.83814	0.465716	0.285414	-3.50368	0.20694	0.105618	-9.4681	0.774486	1.62446	1.62446	0.154113	0.351744	-2.84297	0.546945	19.2187	40.158	1
cg24463476	HSPA12A	0.77939	0.762626	1.19067	1.19067	0.156673	2.39356	2.39356	0.978042	0.984269	-1.01598	0.617401	1.33662	1.33662	0.453956	1.55187	1.55187	0.311617	1.82772	1.82772	0.190394	2.22307	2.22307	0.97819	1.01587	1.01587	0.780886	1.17428	1.17428	0.585291	3.07668	4.6726	1
cg09103184	LMBRD1	0.779396	?	?	?	0.446501	2.05619	2.05619	0.274085	2.88866	2.88866	0.489399	1.9196	1.9196	?	?	?	0.846445	0.835562	-1.1968	0.673132	1.48172	1.48172	?	?	?	?	0.483705	3.5759	10.3498	1
cg18934136	MRPS23	0.77939	0.473719	0.667939	-1.49734	0.210127	2.0785	2.0785	0.272609	1.0192	1.0192	0.964298	0.77324	1.29359	0.390431	1.62807	1.62807	0.363757	1.17696	1.17696	0.667736	0.78728	-1.2702	0.662394	1.27548	1.27548	0.595179	1.34583	1.34583	0.585276	2.84336	4.31833	1
cg12617325	POSS2	0.779435	0.283588	2.71106	2.71106	0.230105	3.09233	3.09233	0.34069	2.40589	2.40589	?	?	?	0.489901	1.86961	1.86961	0.584758	1.63535	1.63535	?	?	?	0.998131	0.997918	-1.00209	0.581561	1.64238	1.64238	0.544553	5.20161	9.55208	1
cg16192201	Clorf1	0.779439	0.25479	0.560209	-1.78497	0.33353	1.17104	1.17104	0.454085	1.10144	1.10144	0.890668	1.01761	1.01761	0.805846	1.13435	1.13435	0.990342	1.10484	1.10484	0.99044	0.990342	-1.00975	0.976485	1.0441	1.0441	0.112466	1.24529	1.24529	0.585222	0.149355	0.222853	1
cg08459182	MGST1;MGST1;MGST1;MGST1	0.779448	0.832617	0.963256	-1.03815	0.790313	0.953953	-1.04827	0.245841	0.806788	-1.23948	0.611964	0.913486	-1.09471	0.386174	1.17016	1.17016	0.853871	1.03315	1.03315	0.425238	1.15492	1.15492	0.322692	0.83469	-1.19805	0.723142	1.06487	1.06487	0.585209	0.289996	0.440482	1
cg05229454	FOXI2	0.779477	0.894622	0.897583	-1.1141	0.367898	0.470442	-2.12566	0.200642	0.332184	-3.01038	0.507227	1.73076	1.73076	?	?	?	0.7231	?	?	0.564115	0.621647	-1.60863	0.843117	1.17534	1.17534	0.835341	0.84392	-1.18495	0.546808	4.47754	9.35829	1
cg27248623	CDL443;CDL443;CDL443;CDL443	0.779488	0.359633	0.779452	-1.28312	0.51422	0.0809	-3.8586	0.717909	1.49479	1.49479	0.886814	1.40035	1.40035	0.255456	0.328728	-3.04203	0.239161	0.31501	-3.1745	0.511565	0.55386	-1.80616	0.321262	0.382792	-2.61245	0.790382	1.28358	1.28358	0.585153	0.813819	12.3625	1
cg09662887	OSCP;LOSCP1	0.779489	0.851913	0.931822	-1.07317	0.677185	0.853684	-1.17139	0.317165	0.147805	0.74805	0.39182	0.717844	-1.39306	0.743439	1.13213	1.13213	0.202227	1.66322	1.66322	0.732917	0.874582	-1.1434	0.780995	0.900043	-1.11106	0.554156	1.2537	1.2537	0.585151	1.32317	2.01	1
cg20945785	STX3;C	0.779495	0.928302	0.941584	1.06234	0.788241	1.0855	1.0855	0.314587	1.14749	1.14749	?	1.11279	1.11279	0.812173	0.5441	-1.83814	0.784439	1.27496	1.27496	0.812173	0.6407	-1.56061	0.604451	1.10227	1.10227	0.457792	1.01392	1.01392	0.469219	0.85547	0.606557	1.16565	1
cg09972454	PDXDC1	0.779509	0.531664	0.765047	-1.30711	0.182521	1.81853	1.81853	0.29036	1.59021	1.59021	0.998841	0.994109	-1.00593	0.949457	0.973559	-1.02716	0.701146	1.17704	1.17704	0.351994	1.49913	1.49913	0.668074	0.833311	-1.20003	0.99475	1.00279	1.00279	0.585123	1.65598	2.51568	1
cg03185593	NID1	0.779511	0.950921	0.988124	-1.01202	0.536759	1.12909	1.12909	0.231196	1.27604	1.27604	0.371124	1.19512	1.19512	0.955093	1.01099	1.01099	0.886355	1.02815	1.02815	0.804509	0.953005	-1.04931	0.44136	1.16461	1.16461	0.154437	1.34428	1.34428	0.585121	0.34912	0.530367	1
cg05697231	PML;PML;PML;PML;PML;PML;PML;PML	0.779514	0.533495	1.11185	1.11185	0.389446	1.15983	1.15983	0.351324	0.851067	-1.175	0.786932	0.955473	-1.0466	0.455487	1.13632	1.13632	0.890134	0.970732	-1.02351	0.267402	0.823458	-1.21439	0.5993	0.914724	-1.09323	0.772749	1.04988	1.04988	0.585116	0.261927	0.39791	1
cg09152619	ZNF681	0.779519	0.367828	2.72005	2.72005	0.30829	0.95129	-1.05092	0.837268	1.16343	1.16343	0.425983	0.92823	1.08283	0.506082	0.774371	-1.29107	0.188843	0.13005	-7.69006	0.042287	0.358844	0.60635	-1.64887	0.594704	1.0343	1.0343	0.882415	0.931965	0.90152	0.901652	1	1
cg19262958	SLC25A22	0.779526	0.838746	0.90142	-1.10936	0.491159	1.42786	1.42786	0.155602	2.16821	2.16821	0.872998	0.92175	-1.08489	0.342344	0.60756	-1.64593	0.651464	1.26064	1.26064	0.428123	1.50992	1.50992	0.857703	1.09572	0.919237	0.949653	1.05302	1.0851	1.05302	0.585121	2.40406	3.65227	1
cg24583287	CCHCR1;CCHCR1;CCHCR1	0.779534	0.505816	0.716904	-1.39489	0.389676	1.54427	1.54427	0.408294	0.659059	-1.51732	0.882785	0.92985	-1.07544	0.334043	0.611915	-1.63421	0.752227	1.16898	1.16898	0.264277	0.563488	-1.77466	0.975485	1.01526	1.01526	0.417231	0.664518	-1.50485	0.585088	2.25192	3.4212	1
cg22213042	CPA2	0.779551	0.47921	2.08629	2.08629	0.130352	0.97729	-1.02312	0.566997	0.853052	-1.17214	0.541468	0.91283	1.09525	0.291468	0.743267	-1.34538	0.741934	1.34845	1.34845	0.184206	0.74599	-1.34084	0.842016	1.05339	1.05339	0.712897	1.11683	1.11683	0.4466	0.792996	-2.26304	0.585257	1.2584	1
cg19764295	CDL41;CDL41;CDL41;CDL41;CDL41	0.779558	0.884534	0.922015	-1.08458	0.721319	0.818628	-1.22156	0.991107	1.00063	1.00063	0.77065	0.849309	-1.17743	0.954801	0.587409	-1.70213	0.55281	1.39864	1.39864	0.212335	0.208338	0.08358	-11.9585	0.404854	1.60371	1.60371	0.413097	1.59606	0.585054	2.89282	4.39514	1
cg03134365	ZHX2	0.779573	0.474533	1.89255	1.89255	0.14852	0.84252	1.18652	0.374026	0.803302	1.24486	0.558923	0.93256	1.07228	0.425706	0.517211	-1.93324	0.513277	1.94788	1.94788	0.132208	0.820807	-1.21848	0.821599	1.00864	1.00864	0.98034	1.30515	1.30515	0.50284	0.824833	0.830406	0.991411	1.00864	0.585048	0.828436	1.83446	1
cg11324054	FEZ2;FEZ2	0.77958	0.49051	1.71148	1.71148	0.752955	1.27413	1.27413	0.537143	0.619118	-1.6152	0.870463	1.13339	1.13339	?	?	?	0.122977	3.60433	3.60433	0.994068	0.994312	-1.00572	0.752171	1.27515	1.27515	0.658601	0.710938	-1.40659	0.567869	4.70619	8.28746	1
cg13286120	NOQ2	0.779592	0.750981	1.1604	1.1604	0.807379	1.05582	1.05582	0.808299	1.1203	1.1203	0.163255	2.00268	2.00268	0.416094	1.47388	1.47388	0.959167	1.03419	1.03419	0.21073	?	?	0.947687	0.942838	-1.06056	0.575828	0.565708	1.23216	1.23216	0.567853	1.7412	3.66529	1
cg04292359	FAM89A CHRM2;CHRM2;CHRM2;CHRM2;CHRM 2;CHRM2;CHRM2;CHRM2;CHRM2;CHR	0.779601	0.457989	0.591484	-1.69066	0.333996	0.499938	-2.00025	?	?	?	?	0.511423	1.58844	1.58844	?	?	0.606649	0.692813	-1.44339	?	?	?	0.792577	1.20096	1.20096	0.456668	0.590538	-1.69337	0.519714	2.64927	6.79673	1
cg24575234	M2;CHRM2	0.779601	0.702232	0.913719	-1.09443	0.436418	1.20503	1.20503	0.32106	1.2723	1.2723	0.465085	1.19082	1.19082	0.573804	1.14282	1.14282	0.358282	1.24845	1.24845	0.774464	0.93474	-1.06982	0.773984	0.934601	-1.06997	0.240661	1.36943	1.36943	0.584994	0.511241	0.776824	1
cg09934376	RGL2;RGL2	0.779604	0.920668	1.01791	1.01791	0.573964	0.903673	-1.10659	0.748034	0.944154	-1.05915	0.31932	1.20141	1.20141	0.295723	1.21328	1.21328	0.823296	1.24845	1.24845	0.774464	0.93474	-1.06982	0.773984	0.934601	-1.06997	0.240661	1.36943	1.36943	0.584994	0.511241	0.776824	1
cg02948660	MIR548F5;DCLK1	0.779606	0.875776	1.15255	-1.06273	0.585409	0.607097	-1.64718	0.841549	0.900253	-1.1108	0.488775	1.44657	1.44657	0.186169	2.08715	2.08715	0.482636	1.64592	1.64592	0.48234	0.732644	-1.36479	0.220111	0.220111	0.220111	0.436649	0.51078	1.51678	0.605742	1.31435	0.584987	2.5534	3.87989	1
cg05070558	DACT1 PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.77961	0.595514	2.12021	2.12021	0.841205	0.17405	2.17405	0.812043	0.91875	-1.08844	0.719041	1.13729	1.13729	0.795813	0.911786	-1.09675	0.407213	1.35246	1.35246	0.665462	0.856483	-1.16757	0.114287	1.84362	1.84362	0.405763	1.35379	1.35379	0.584981	1.17498	1.7854	1
cg26763284	PLEC1	0.779636	0.607382	0.36211	-2.76159	0.362181	0.158917	-6.2926	0.858675	0.705155	-1.41813	0.231703	0.0855542	-11.6885	0.222303	0.0809534	-12.3528	0.558153	0.313257	-3.19227	0.654241	2.41959	2.41959	0.839361	1.48858	1.48858	0.655837	2.40893	2.40893	0.584944	35.5895	54.0822	1
cg00842448	HIVEP2	0.779646	0.805469	1.04185	1.04185	0.189068	1.26007	1.26007	0.752794	0.9539	1.0539	0.514008	0.896089	-1.11596	0.283501	0.833826	-1.20362	0.570419	1.09996	1.09996	0.862013	1.02933	1.02933	0.771266	1.04963	1.04963	0.520717	1.11423	1.11423	0.58493	0.255791	0.388622	1
cg02905965	MTMR1	0.779648	0.363248	0.598008	-1.6697	0.26644	0.529797	-1.88751	0.837334	0.893341	-1.11939	0.271146	1.87486	1.87486	0.436935	0.647173	-1.54518	0.426594	0.640584	-1.56107	0.612087	0.755361	-1.32387	0.832744	0.890454	-1.12302	0.854458	0.904167	-1.10599	0.584927	2.78845	4.23748	1
cg04533763	RCOR1	0.779661	0.464776	0.310736	-1.23345	0.794513	1.07639	1.07639	0.617951	0.867792	-1.15235	0.886847	0.960643	-1.04097	0.639137	0.8753	-1.14247	0.857532	1.05198	1.05198	0.153053	1.5396	1.5396	0.397631	0.783294	-1.27666	0.584898	0.855936	-1.16831	0.584909	0.736745	1.11963	1
cg10796538	UBE2L;UBE2L;UBE2J;UBE2I	0.779673	0.341202	1.86462	1.86462	0.157135	1.14197	1.14197	0.759775	0.899777	-1.11125	0.75275	1.13687	1.13687	0.184315	1.14197	1.14197	0.567338	1.08985	1.08985	0.451684	0.895304	-1.11694	0.712725	0.949415	-1.05358	0.742957	1.05019	1.05019	0.584893	0.20537	0.331806	1
cg07045089	TP73;TP73;TP73;TP73	0.779673	0.260471	0.223393	-4.47642	0.42654	0.82014	1.82014	0.578271	2.04854	2.04854	0.499143	0.978499	-1.02197	0.408553	0.339784	-2.94305	0.604037	0.512676	-1.95055	0.918173	1.14023	1.14023	0.543477	0.455975	-2.1931	0.301245	0.254668	-3.92668	0.584893	15.1063	22.9577	1
cg26424063	ADRB1	0.779683	0.284898	2.38283	2.38283	0.163497	0.882344	1.13331	0.889944	1.13379	1.13379	0.889544	0.882817	1.13297	0.888147	1.13379	1.13379	0.672002	0.770115	1.29845	0.743041	1.48015	1.48015	0.672304	0.460181	-2.17306	0.618956	1.28543	1.28543	0.584914	0.318258	0.477553	1
cg06748844	SPAG9;SPAG9	0.779693	0.357815	1.28188	1.28188	0.873963	0.959169	-1.04257	0.485869	1.20437	1.20437	0.322393	1.30792	1.30792	0.522852	1.18538	1.18538	0.964054	1.01191	1.01191	0.131996	1.53255	1.53255	0.748667	0.919048	-1.08808	0.89089	1.0367	1.0367	0.584864	0.638798	0.970859	1
cg20281729	CSNK2B	0.779695	0.713758	0.883636	-1.13169	0.331885	1.39955	1.39955	0.79936	1.09394	1.09394	0.478114	1.27401	1.27401	0.864717	0.944349	-1.05893	0.999635	1.00015	1.00015	0.260448	0.679654	-1.47134	0.808117	1.32859	1.32859	0.426406	0.761317	-1.31351	0.584861	1.04443	1.58736	1
cg10693773	EIF4G3	0.779728	0.311637	1.73828	1.73828	0.184814	1.0346	1.0346	0.906252	1.08201	-1.08201	0.862339	1.08201	1.08201	0.862339	1.08201	1.08201	0.514154	0.515378	0.857087	-1.16474	0.213329	0.746646	-1.33932	0.844729	1.18398	0.844729	1.18398	0.584915	0.506312	0.760569	1.18398	1
cg02957632	C5orf10	0.779748	0.809184	1.08114	1.08114	0.955503	0.982167	-1.01816	0.776013	0.912118	-1.09635	0.238137	0.671356	-1.48952	0.83128	0.935311	-1.07122	0.775401	0.911881	-1.09663	0.962256	1.01538	1.01538	0.131444	1.69067	1.69067	0.985662	0.994222	-1.00581	0.584787	0.963095	1.46393	1
cg02540955	RPL15;NORDSC;USE;RPL17	0.779755	0.539842	0.63684	-1.56877	0.779272	1.16562	1.16562	0.910396	1.02182	-1.2168	0.939133	1.14331	1.14331	0.292048	0.840225	-1.19014	0.478768	0.53519	-1.86853	0.164764	0.33032	0.250248	-3.99599	0.284307	0.284307	0.284307	0.284307	0.284307	0.584785	28.4824	43.294	1
cg14993456	RIBC1;RIBC1;RIBC1;SMC1A	0.779754	0.185959	1.85408	1.85408	0.414015	0.692373	-1.44431	0.36496	1.50656	1.50656	0.42384	1.43278	1.43278	0.608107	1.796361	1.25571	0.983091	0.990713	-1.00937	0.757798	1.14589	1.14589	0.901671	0.996514	-1.00035	0.612613	1.25207	1.25207	0.584779	1.79513	2.72867	1
cg14009731	ATAD2B	0.779773	0.086094	2.52769	2.52769	0.858527	0.917201	-1.09027	0.687683	1.21921	1.21921	0.778076	1.14815	1.14815	0.926609	1.04608	1.04608	0.772246	1.15246	1.15246	0.60891	0.777001	-1.287	0.785911	0.875356	-1.14239	0.460121	1.44443	1.44443	0.584752	2.21412	3.3657	1
cg00860887	SAT1	0.779776	0.859063	1.09179	1.09179	0.496854	0.949348	-1.05292	0.217984	0.531693	-1.87417	0.881925	0.763726	-1.30931	0.437108	0.703401	-1.42145	0.590541	1.29005	1.29005	0.0911	0.90988	-1.09886	0.617491	1.27642	1.27642	0.702892	1.20414	1.20414	0.803149	0.887089	1.27642	0.584751	2.21609	3.3979	1
cg24035107	METT10D	0.779776	0.785578	1.27428	1.27428	0.956139	0.0501	-1.0501	0.158329	0.8137	1.8137	?	?	?	?	?	0.829795	1.21087	1.21087	0.822873	1.22052	1.22052	0.490746	1.84544	1.84544	0.283384	2.69297	2.69297	0.277839	2.72655	2.72655	0.56759	6.31258	11.1217	1
cg10508940	HDAC10;HDAC10	0.779777	0.593243	1.49481	1.49481	0.285697	1.72644	1.72644	0.699643	1.23036	1.23036	0.54135	0.737496	-1.35594	0.516939	0.727545	-1.38208	0.665101	0.806955	1.23923	0.534158	1.15292	1.15292	0.908276	1.0584	1.0584	0.260592	0.5611	-1.78221	0.584747	2.4061	3.5164	1
cg04563169	TXNRD1	0.77978	0.759456	0.945914	-1.05718	0.396576	1.17016	1.17016	0.938309	0.986084	-1.01411	0.777381	0.949975	-1.05266	0.800458	1.04692	1.04692	0.798967	1.04729	1.04729	0.311035	1.20897	1.20897	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Treat)	SS(Test)	SS(Error)	F(Error
cg16863783	IDH1	0.780154	0.682979	1.08298	0.613649	1.10389	0.107889	0.407428	1.17882	1.37882	0.746914	0.939073	-1.06848	0.156859	1.34173	1.34173	0.763741	0.943157	-1.06027	0.554684	0.890467	-1.12303	0.47336	0.867886	-1.15209	0.818873	1.04606	0.588709	0.348435	0.530606	1
cg13782561	NF1L3	0.780535	0.434331	1.28954	1.28954	0.441159	1.28394	1.28394	0.618989	1.17328	1.17328	0.232703	1.49022	1.49022	0.782278	0.91548	1.09232	0.518615	0.811724	-1.23195	0.78164	1.09262	1.09262	0.778989	0.91422	-1.09383	0.252349	1.46397	1.46397	0.583668	0.939331	1.43051	1
cg17775713	TF	0.780542	0.9552	1.02208	1.02208	0.570142	1.24998	1.24998	0.409397	0.720333	-1.38825	0.767459	1.1222	1.1222	0.780243	0.896955	-1.11488	0.59238	1.23384	1.23384	0.226089	1.63923	1.63923	0.606477	1.22388	1.22388	0.214043	1.66305	1.66305	0.583671	1.39747	2.12825	1
cg01865087	BICC1	0.780579	0.347087	0.781786	-1.27912	0.221072	0.721031	-1.3809	0.38013	0.795399	-1.25723	0.197798	0.707431	-1.41357	0.761598	0.92555	-1.08044	0.351572	0.783675	-1.27604	0.708756	0.909005	-1.1001	0.795278	1.06835	1.06835	0.65929	0.893316	-1.11942	0.583618	0.597571	0.910141	1
cg09853387	LOC100134229;JHDM1D	0.78059	0.501256	1.11085	1.11085	0.317531	1.17248	1.17248	0.234684	1.21148	1.21148	0.720998	1.05678	1.05678	0.911714	1.01723	1.01723	0.472374	0.893533	-1.11915	0.272922	1.19212	1.19212	0.820355	1.03565	1.03565	0.431201	1.13171	1.13171	0.583603	0.219233	0.333914	1
cg07385723	WDR27	0.780597	0.585077	0.875803	-1.14181	0.386291	1.23815	1.23815	0.779904	1.0697	1.0697	0.276575	1.31286	1.31286	0.630292	0.889807	-1.12373	0.640442	1.1198	1.1198	0.26229	1.32464	1.32464	0.60044	1.13555	1.13555	0.565208	0.869495	-1.15009	0.588594	0.534742	0.814481	1
cg10128753	C12orf10	0.780598	0.134766	0.575351	-1.73807	0.492047	0.787236	-1.27027	0.91034	0.962117	-1.03937	0.887256	1.04984	1.04984	0.410906	1.13412	1.13412	0.541186	1.23622	1.23622	0.902084	1.0431	1.0431	0.703069	1.14031	1.14031	0.792087	1.0948	1.0948	0.583592	1.08631	1.65459	1
cg12603955	TTC7A	0.7806	0.855779	1.13727	1.1127	0.66887	1.28731	1.28731	0.281139	1.93004	1.93004	0.783567	1.17541	1.17541	0.174674	0.849309	-1.31368	0.674738	1.28109	1.28109	0.506293	1.4857	1.4857	0.705778	1.14936	1.14936	0.676177	0.781476	-1.27963	0.583588	3.18463	4.85065	1
cg22034555	DHX36;DHX36	0.780629	0.31108	0.800557	-1.24911	0.441153	0.846444	-1.18142	0.490242	0.685287	-1.16038	0.949702	1.01348	1.01348	0.332864	0.82694	-1.20928	0.480676	0.860513	-1.1621	0.415559	1.19319	1.19319	0.262691	0.780465	-1.28129	0.698996	0.921078	-1.08568	0.583576	0.416386	0.63423	1
cg23736024	C21orf121	0.780623	0.830253	0.861675	-1.16053	0.368411	0.526947	-1.89772	0.587179	1.46251	1.46251	0.913081	1.07866	1.07866	0.477856	0.606277	-1.64941	0.208772	0.398972	-2.50644	0.757514	0.806734	-1.23957	0.361065	0.521476	-1.91763	0.487188	1.63154	1.63154	0.583558	4.44452	6.76998	1
cg14922158	KIAA1462	0.780629	0.27873	2.10599	2.10599	0.475852	0.651108	1.53891	0.653243	1.53082	1.53082	0.838865	1.08254	1.08254	0.387975	1.12979	1.12979	0.471196	1.63124	1.63124	0.180714	2.52196	2.52196	0.58183	1.54062	1.54062	0.722399	1.26889	1.26889	0.583548	4.11939	6.27486	1
cg25204543	BACH2;BACH2	0.780634	0.770948	0.937065	-1.07093	0.535058	1.16562	1.16562	0.494708	1.18409	1.18409	0.967552	1.00996	1.00996	0.304908	0.771898	-1.29551	0.724589	0.917407	-1.09003	0.184806	0.712042	1.40441	0.492244	0.843692	-1.18527	0.59381	0.87706	-1.14017	0.583541	0.548825	0.836006	1
cg19370166	CD164L2	0.780635	0.151242	0.53545	0.535545	0.873199	1.14651	1.14651	0.907736	0.852196	-1.17344	0.254901	1.52045	1.52045	0.21042	0.82211	1.5644	1.5644	0.341839	0.884545	0.936511	1.54133	1.54133	0.570036	1.23109	1.23109	0.361521	1.66678	1.66678	0.583184	17.1168	22.9463	1
cg26155826	MID1IP1;MID1IP1;MID1IP1	0.78064	0.303056	0.393031	-2.54433	0.921844	0.917658	-1.0897	0.76769	0.771582	-1.29604	0.349919	1.86223	1.86223	0.613747	1.56132	1.56132	0.613573	1.56167	1.56167	0.519464	1.77117	1.77117	0.967041	0.964476	-1.03683	0.744853	1.3309	1.3309	0.583532	7.0821	10.7881	1
cg21468511	SCAN22;SCAN22	0.780653	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.963134	1.08524	1.08524	?	?	?	0.434146	3.94191	3.94191	0.479248	11.1333	23.2308	1
cg26162126	YWHAG	0.780659	0.285225	1.68817	1.68817	0.630256	1.25711	1.25711	0.821652	0.889688	-1.11273	0.333563	1.60137	1.60137	0.482667	0.774335	-1.40018	0.803381	1.12489	1.12489	0.183231	1.52474	1.52474	0.4193	1.47595	1.47595	0.544244	0.748599	-1.33583	0.583506	2.05674	3.13315	1
cg12849359	PAPD4;PAPD4;PAPD4	0.780668	0.926519	1.01354	1.01354	0.880469	0.9783	-1.02218	0.177026	0.811225	-1.2327	0.388755	1.13745	1.13745	0.585967	0.92294	-1.08349	0.630607	0.931795	-1.0732	0.281501	0.84943	-1.17726	0.522776	0.909886	-1.09904	0.986603	1.00245	1.00245	0.583493	0.196448	0.299267	1
cg11018198	CCDC109A	0.780676	0.41216	0.949131	-1.05044	0.240502	0.949334	-1.05085	0.546855	1.55576	1.55576	0.97613	0.978545	-1.02193	0.524664	0.626674	-1.59573	0.589351	0.67366	-1.48443	0.164198	0.906962	-1.10248	0.9265	0.909939	-1.09951	0.495939	1.65063	1.65063	0.583482	4.85591	7.3376	1
cg20129232	STARD13;STARD13;STARD3	0.780681	0.766427	1.20084	1.20084	0.285683	1.97633	1.97633	0.105093	2.29598	2.29598	0.216588	0.594553	1.68211	0.139103	1.33363	1.60137	1.60137	0.482667	0.774335	0.40018	0.803381	1.12489	1.12489	0.183231	1.52474	1.52474	0.4193	1.47595	1.47595	0.544244	0.748599	-1.33583	0.583506	2.05674	3.13315	1
cg03707784	NDUFA10	0.780691	0.862803	1.03	1.03	0.600054	0.913559	-1.09462	0.837723	0.965563	-1.03566	0.163948	1.28893	1.28893	0.29212	0.829626	-1.20536	0.763464	1.05317	1.05317	0.945517	0.988389	-1.01175	0.472015	0.882488	-1.13316	0.799709	1.0444	1.0444	0.583461	0.269837	0.41109	1
cg03132821	GDCI3	0.780711	0.126335	1.08116	0.929151	1.08116	1.06458	0.945825	1.6457	1.6457	0.994015	1.00386	1.00386	1.00386	0.632324	1.14313	1.14313	0.685477	1.23235	1.23235	0.344413	1.64825	1.64825	0.641986	1.24425	1.24425	0.371086	1.1024	1.80024	0.354914	1.62957	2.62957	0.583433	2.41281	3.7065	1
cg18423962	C1orf57;C1orf57;PIH1D2	0.780718	0.60501	0.828009	-1.20772	0.38808	0.726619	-1.37624	0.374693	0.719219	-1.3904	0.884882	0.948946	-1.0538	0.881635	0.947531	-1.05537	0.327526	0.693777	-1.44138	0.512926	1.27128	1.27128	0.541965	1.2502	1.2502	0.386375	1.37878	1.37878	0.583423	1.20903	1.84305	1
cg09326087	CABC1	0.780721	0.313683	0.376863	-2.65349	0.952644	1.05719	1.05719	0.895783	1.1058	1.1058	0.504115	0.530005	-1.88677	0.183141	0.26639	-3.75389	0.956016	0.949658	-1.05301	0.939159	1.07411	1.07411	0.191157	0.27358	-3.65524	0.641405	1.644509	-1.55157	0.583419	8.10414	12.3473	1
cg05719392	SMYD3;SMYD3 NLGN4Y;NLGN4Y;NLGN4Y;NLGN4Y;NLG	0.780739	0.235587	0.293302	-3.40946	0.391821	2.37667	2.37667	0.902395	1.1287	1.1287	0.720115	0.701152	-1.42622	0.208279	0.270515	-3.69666	0.721462	0.702414	-1.42366	0.634817	0.623673	-1.60341	0.46766	0.848265	-1.17888	0.446113	0.464709	-2.15188	0.583394	8.99649	13.7075	1
cg07795413	N4Y	0.780751	0.327467	2.77226	2.77226	0.729842	0.704907	-1.41863	0.849313	0.825419	-1.21151	0.307801	0.344777	-2.90043	0.287939	0.328609	-3.04313	0.373615	2.51251	2.51251	0.879855	1.16483	1.16483	0.938397	1.08109	1.08109	0.742617	0.717197	-1.39432	0.583376	9.40116	14.3245	1
cg10368863	TMEM51;TMEM51;TMEM51;TMEM51	0.780758	0.926809	1.02344	1.02344	0.572358	0.859436	-1.16355	0.748201	0.921976	-1.08463	0.182257	1.49561	1.49561	0.903977	0.970018	-1.03091	0.79465	1.068	1.068	0.621016	1.13394	1.13394	0.373069	0.794026	-1.2594	0.618548	0.881081	-1.13497	0.583366	0.587769	0.895598	1
cg14812448	FAM161A	0.780786	0.745222	0.882496	-1.13315	0.540464	0.788539	-1.26817	0.851103	1.0747	1.0747	0.489917	1.3085	1.3085	0.306036	1.50125	1.50125	0.324881	0.677227	-1.47661	0.584151	0.80923	-1.23574	0.928663	0.966254	-1.03492	0.342261	1.45519	1.45519	0.583328	1.35787	2.06915	1
cg20288630	PDE5A;PDE5A	0.780793	0.970363	1.01075	1.01075	0.729729	1.26414	1.26414	0.447365	1.03015	-1.24974	0.376664	0.648315	1.54207	0.294994	1.24894	1.24894	0.366649	0.765678	-1.30585	0.734738	1.13742	1.13742	0.530065	1.02559	1.02559	0.907367	0.967045	-1.03408	0.583312	0.876642	1.16673	1
cg26681123	SLC34A3	0.780801	0.873973	0.95851	-1.04329	0.683123	1.13481	1.13481	0.997278	0.9999	-1.00091	0.530901	1.58466	1.58466	0.143664	1.52111	1.52111	0.58055	1.16067	1.16067	0.611228	1.14666	1.14666	0.596123	0.860936	-1.15349	0.404921	0.796529	-1.25545	0.583306	0.658381	1.00329	1
cg00352195	RNF40;C16orf93	0.780807	0.913327	1.03955	1.03955	0.774503	0.779369	-1.28376	0.772593	0.933774	-1.07093	0.292607	0.930525	1.04805	0.858579	1.03255	1.03255	0.163753	1.39243	1.39243	0.211197	0.492158	-2.03187	0.914585	0.943802	-1.05944	0.401798	0.873392	-1.14496	0.583288	0.227546	0.350992	1
cg02613295	LFNG;LFNG;LFNG;LFNG	0.780827	0.635913	0.860117	-1.16263	0.287754	0.705571	-1.41729	0.934314	1.02639	1.02639	0.438358	1.28373	1.28373	0.296386	1.40791	1.40791	0.600623	1.18164	1.18164	0.779444	0.915112	-1.09276	0.849934	0.941907	-1.06168	0.356047	1.3498	1.3498	0.58327	0.922283	1.40554	1
cg27048138	RP23-271.2	0.780837	0.61151	0.837653	-1.19381	0.163632	0.598019	-1.67219	0.80456	0.917827	-1.08953	0.909689	0.961517	-1.04002	0.231818	0.648098	-1.54298	0.493661	0.786306	-1.27177	0.359814	0.721153	-1.38667	0.429743	0.756715	-1.3215	0.310558	0.69567	-1.43746	0.583256	1.10491	1.6839	1
cg17245405	PDE6B;PDE6B;PDE6B	0.780843	0.802021	1.08306	1.08306	0.29367	0.78657	-1.27134	0.163936	0.75323	-1.32792	0.683512	1.08181	1.08181	0.354716	0.743486	-1.34586	0.60419	0.90512	-1.10482	0.627295	0.910953	-1.09775	0.553072	0.891212	-1.12207	0.888331	1.02714	1.02714	0.583248	0.335614	0.511488	1
cg09382220	GRHL2	0.780843	0.878678	1.089	1.089	0.679513	0.793051	-1.26095	0.599146	0.743757	-1.34452	0.819821	1.1358	1.1358	0.300138	0.549198	-1.82084	0.107696	0.375385	-2.66393	0.654385	1.28596	1.28596	0.944851	0.962124	-1.03937	0.848434	0.896402	-1.11557	0.583247	2.87767	4.38566	1
cg09001708	KIF19	0.780872	0.757526	0.908822	1.10026	0.475375	0.956662	-1.25209	0.223545	0.66664	-1.50006	0.707095	0.887234	-1.1271	0.429773	0.710026	-1.40844	0.519766	1.2377	1.2377	0.352814	0.72551	1.37834	0.441899	0.713599	1.40077	0.461155	0.788363	-1.26845	0.583199	0.929925	1.41431	1
cg18560915	LNX1	0.780905	0.870684	0.910976	-1.09772	0.375551	1.68282	1.68282	0.761072	0.839844	-1.1907	0.810671	1.14723	1.14723	0.295753	1.85988	1.85988	0.297276	0.85598	-1.16758	0.742017	0.827744	-1.2081	0.215925	0.29366	2.09366	0.844847	0.893927	-1.11866	0.58316	1.02505	4.61098	1
cg24326021	EPN1;EPN1;EPN1;EPN1 Clorf23;Clorf23;Clorf23;Clorf23;Clor	0.780959	0.479918	0.847377	-1.18011	0.466769	0.843008	-1.18623	0.726305	1.08442	1.08442	0.883645	0.966793	-1.03435	0.760099	1.07318	1.07318	0.975829	0.993038	-1.00701	0.634754	0.895511	-1.11668	0.727722	0.98394	1.08394	0.0998264	0.659752	-1.51572	0.583084	0.491114	0.748685	1
cg01925500	f23	0.780959	0.147692	1.37243	1.37243	0.812609	1.04959	-1.04959	0.45961	1.16586	1.16586	0.830593	1.04463	1.04463	0.953379	0.988154	-1.01199	0.427024	1.17974	1.17974	0.382152	1.05671	1.05671	0.903295	1.02508	1.02508	0.58083	0.383614	0.583405	1
cg26424031	ISPNP MORG1;MORG1;C19orf56;MORG1;MO	0.780962	0.316893	0.54604	-1.83137	0.364654	1.00005	-1.00005	0.997564	1.07028	1.07028	0.791246	0.85643	1.16782	0.616383	1.16782	1.16782	0.434407	0.62728	-1.59419	0.135121	1.44383	1.44383	0.598807	1.36406	1.36406	0.223311	2.11329	2.11329	0.583079	0.354008	0.607125	1
cg13321965	RG1	0.780999	?	?	?	0.312809	0.58442	-1.7111	0.921574	0.950599	-1.05197	0.602044	1.31085	1.31085	0.854529	1.09837	1.09837	0.246431	1.86562	1.86562	0.646466	1.26821	1.26821	0.432172	1.51047	1.51047	0.467104	1.46331	1.46331	0.565848	2.10851	3.72628	1
cg01272188	SDF2L1	0.781028	0.642845	1.10767	1.10767	0.954745	0.988193	-1.01195	0.945177	1.01517	1.01517	0.604174	1.12134	1.12134	0.232329	1.27717	1.27717	0.611807	1.1859	1.1859	0.503582	1.1028	1.1028	0.624458	1.10725	1.10725	0.612567	0.714628	-1.39933	0.582986	0.442751	0.67507	1
cg20536841	CACNG4	0.78103	0.684465	0.790521	-1.26499	0.515636	0.684374	-1.46119	0.592945	0.733116	-1.36404	0.737654	0.824139	-1.21339	0.0658805	0.305044	-3.27821	0.512345	0.682281	-1.46567	0.584273	0.727675	-1.37424	0.964304	0.97458	-1.02608	0.583626	0.727269	-1.37501	0.582984	3.05633	4.66005	1
cg12907702	ASTN1;ASTN1	0.781033	0.940844	1.03708	1.03708	0.729729	1.26414	1.26414	0.447365	1.03015	-1.24974	0.376664	0.648315	1.54207	0.294994	1.24894	1.24894	0.366649	0.765678	-1.30585	0.734738	1.13742	1.13742	0.530065	1.02559	1.02559	0.907367	0.967045	-1.03408	0.583312	0.876642	1.16673	1
cg24310431	GPR85;GPR85;GPR85;GPR85;GPR85	0.781044	0.460992	0.803279	-1.2449	0.769868	1.08939	1.08939	0.386874	1.29547	1.29547	0.659719	0.878691	-1.13806	0.928448	0.974141	-1.02655	0.668874	0.881991	-1.1338	0.136509	0.626136	-1.5971	0.72541	0.902196	-1.10841	0.693886	1.12238	1.12238	0.582964	0.786493	1.19922	1
cg04181644	KIAA0913	0.781045	0.969589	0.994334	-1.00573	0.571125	0.917816	-1.08954	0.777533	0.958448	-1.04335	0.991962	1.14063	1.14063	0.678981	1.06434	1.06434	0.642467	0.923348	-1.07934	0.561492	1.04152	1.04152	0.570546	0.917716	-1.08966	0.138391	1.27001	1.27001	0.582962	0.207204	0.316029	1
cg16369911	AK7	0.781067	0.775445	1.03144	1.03144	0.835162	1.11088	1.11088	0.280892	1.26036	1.26036	0.516396	1.46057	1.46057	0.162606	2.10315	2.10315	0.391279	1.89484	1.89484	0.763691	1.24164	1.24164	0.542652	1.56582	1.56582	0.891949	1.10395	1.10395	0.582911	1.56382	2.45354	1
cg24222236	TRIOBP;TRIOBP;TRIOBP	0.781073	0.345393	0.481803	-2.07554	0.367254	0.498594	-2.00554	0.188659	0.351149	-2.84779	0.306147	0.451066	-2.21697	0.318555	0.460878	-2.16977	0.261813	0.415098	-2.40907	0.661149	0.734903	0.854703	0.715829	-1.39698	0.674868	0.729849	-1.37015	0.582923	5.2127	7.94875	1
cg09091752	DNAC17	0.781103	0.464339	0.664503	-1.50494	0.25922	0.78368	-1.27597	0.2909	0.52682	-1.89768	0.243187	0.2509	3.98406	0.0313	0.47534	2.10483	0.401	0.49151	2.03514	0.32242	0.44401	0.55954	1.78641	0.34048	2.93722	0.568855	1.78937	1.78937	0.70233	2.03972	0.638115	1.32133	1
cg09948076	SYNM;SYNM	0.781121	0.493725	1.34776	1.34776	0.849348	0.92159	-1.08508	0.58108	0.787164	-1.27038	0.419313	0.701641	-1.42523	0.218284	0.573468	-1.74378	?	?	?	0.331323	0.650255	-1.53786	0.903903	0.949459	-1.05323	0.450579	0.718856	-1.3911	0.566575	1.46834	2.59574	1
cg09003788	KIF19	0.781144	0.334375	0.581577	-1.6207	0.299884	0.915589	-1.09243	0.722452	0.875	-1.14286	0.619179	0.679503	-1.47166	0.606393	0.604758	-1.65356	0.252748	0.314743	-3.1772	0.177465	0.249834	-4.00266	0.347187	0.39192	-2.55154	0.598303	0.587745	-1.52012	0.582823	0.64375	1.15183	1
cg18306763	KIAA0831	0.781155	0.761591	0.916448	-1.09117	0.837254	0.942731	-1.06075	0.938423	0.97809	-1.0224	0.651433	1.13928	1.13928	0.246341	0.706368	1.41569	0.783974	1.08198	1.08198	0.182695	0.666669	-1.49999	0.586764	0.76942	-1.16942	0.560996	1.18359	1.18359	0.582808	0.758883	1.15744	1
cg11071534	RBM28;RBM28;RBM28;RBM28	0.781157	0.573651	1.78179	1.78179	0.589092	1.73998	1.73998	?	?	?	0.756524	1.37046	1.37046	0.602865	1.70403	1.70403	0.496041	2.0207	2.0207	0.165169	4.63766	4.63766	0.477024	2.08804	2.08804	0.198353	4.07096	4.07096	0.55928	7.68218	10.3019	1
cg06978117	C11orf53	0.781159	0.417368	0.772102	-1.29539	0.406617	1.71003	1.71003	0.817431	1.15736	1.15736	0.915913	1.65212	1.65212	0.930735	0.946539	-1.05648	0.487708	1.56141	1.56141	0.111904	2.96749	2.96749	0.287767	2.00879	2.00879	0.817269	1.57571	1.57571	0.582802	3.68769	5.62309	1
cg25154482	RNF130	0.781161	0.328889	0.472188	-2.1178	0.598483	0.673213	-1.48541	0.671159	1.37438	1.37438	0.146156	1.73713	1.73713	?	?	?	0.472701	1.72268	1.72268	0.317126	0.462698	-2.15992	0.752169	0.780859	-1.26605	0.733199	1.29018	1.29018	0.561658	0.41538	7.8063	1
cg08180124	TNFSF13;TNFSF13	0.781172	0.688136	0.924054	-1.08219	0.648791	1.09391	1.09391	0.736115	1.06845	1.06845	0.629839	1.09973	1.09973	0.127479	1.38074	1.38074	0.684927	1.08313	1.08313	0.881746	1.02957	1.02957	0.350915	1.20676	1.20676	0.256368	1.26101	1.26101	0.582784	0.353689	0.539462	1
cg09548780	TNS1	0.781172	0.144589	0.26661	-3.7508	0.318809	0.419297	-2.38495	0.364888	0.455923	-2.19335	0.332697	0.430413	-2.33125	0.459269	0.660764	-1.5134	0.58172	0.6254	-1.59898	0.367671	0.458114	-2.18286	0.985029	1.0208	1.0208	0.970135	0.96891	-1.03209	0.582784	0.56876	10.019	1
cg04795389	PDE6B;PDE6B;PDE6B	0.781177	0.7752	1.02464	1.02464	0.511455	0.914224	1.12024	0.113822	0.849101	1.14101	0.613852	0.838187	-1.23955	0.519724	0.843864	-1.18546	0.930409	0.813654	-1.22885	0.408861	0.807304	1.17085	0.857134	0.742788	1.34628	0.114003	0.448895	-2.22274	0.582777	5.45424	7.5142	1
cg16810449	ARPC1B	0.78118	0.626914	0.797448	-1.254	0.500152	1.37196	1.37196	0.478809	0.71699	-1.39472	0.249894	0.573718	-1.74302	0.633314	0.80085	-1.24867	0.196779	0.532281	-1.87871	0.695919	1.199	1.199	0.888515	0.937244	-1.06696	0.846383	1.09376	1.09376	0.582773	1.97063	3.00576	1
cg05746564	PHF14;PHF14;PHF14;PHF14 GART;SON;GART;GART;GART;GART;GA	0.781182	0.289504	1.1827	1.1827	0.831705	1.03301	1.03301	0.526153	1.103	1.103	0.450627	1.12447	1.12447	0.501139	1.10983	1.10983	0.848581	1.0296	1.0296	0.194992	0.811222	-1.23271	0.976415	0.995498	-1.00452	0.678303	1.06573	1.06573	0.582727	0.214996	0.327929	1
cg17508204	RTJON	0.781189	?	?	?	0.893525	0.825961	-1.21071	0.909907	1.1754	1.1754	0.597467	2.14934	2.14934	0.8362	0.74396	-1.34416	?	?	?	?	0.733837	0.863796	-1.15768	0.814835	0.924493	-1.08174	0.963196	0.96336	-1.03777	0.582704	0.582704	0.353689	0.539462	1
cg09735191	EPS71;EPS71	0.781195	0.359162	0.667322	-1.49851	0.591339	0.913439	-1.09497	0.723139	0.943686	-1.07048	-1.03077	0.827474	1.20914	0.562354	0.744078	-1.34387	0.590117	0.70495	-1.07495	0.733517	0.955597	-1.04647	0.886084	1.01924	1.01924	0.296783	1.15463	1.15463	0.582737	0.163038	0.248692	1
cg25900085	MR134-2	0.781217	0.577349	0.837683	-1.19403	0.516883	0.97816	-1.02268	0.800604	0.97607	-1.02467	0.630669	0.955472	1.04652	0.874008	0.962211	-1.03922	0.478092	1.35595	1.35595	0.182448	1.02706	1.02706	0.921871	0.98094	0.98094	0.922474	1.1254	1.1254	0.582734	0.202477	0.312642	1
cg05018671	TRIM35	0.78123	0.983981	0.995051	-1.00497	0.918865	0.975134	-1.0255	0.721969	1.09231	1.09231	0.810889	0.942479	-1.06103	0.160895	0.690656	-1.4479	0.254373	0.745178	-1.34196	0.810918	1.06102	1.06102	0.500917	1.18392	1.18392	0.691583	1.10356	1.10356	0.582703	0.563658	0.859838	1
cg15081119	TPS3/I11;TPS3/I11	0.781236	0.347944	0.815406	-1.22638	0.879958	0.968591	-1.03243	0.561465	0.883395	-1.132	0.757555	0

File: ESM_23 (Online Resource 23)

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg06759739	RUNX2;RUNX2;RUNX2	0.781784	0.946711	1.03525	1.03525	0.991306	1.00566	1.00566	0.909498	1.0607	1.0607	0.8918285	0.382162	-2.61669	0.659143	0.794489	-1.25862	0.490973	1.43702	1.43702	0.887552	1.07608	1.07608	0.562492	0.738255	-1.35455	0.806939	1.13529	0.813929	0.587923	2.47546	3.78128	1
cg01624937	PTPRT;PTPRF	0.781786	0.2735884	0.722615	-1.38386	0.3606922	1.35202	1.35202	0.88639	0.9600056	-1.04161	0.644252	0.8758227	-1.14178	0.9193884	0.9715646	-1.02929	0.5036434	1.21352	1.21352	0.293943	1.36398	1.36398	0.108108	0.80932	-1.11195	0.9396645	1.02183	1.02183	0.81592	0.7493345	1.14463	1
cg26252703	FAM102B	0.7817789	0.9266886	0.963235	-1.03817	0.7284878	1.15239	1.15239	0.67666	1.18612	1.18612	0.435034	1.38286	1.38286	0.331647	1.50327	1.50327	0.821897	1.0961	1.0961	0.465789	0.739275	-1.35268	0.29185	0.640731	-1.56072	0.417442	0.713725	-1.4011	0.5181916	1.52661	2.33194	1
cg26824949	DCAF8;DCAF8;DCAF8;DCAF8;DCAF8	0.781798	0.7709977	1.04582	1.04582	0.2134955	1.21136	1.21136	0.2210208	0.9800029	0.9961665	-1.00385	0.3547	1.15737	1.15737	0.4946576	1.11232	1.11232	0.983564	1.00317	1.00317	0.7173132	0.945722	-1.05739	0.828055	1.03995	1.03995	0.150194	1.26713	1.26713	0.581903	0.217549	0.3317007	1
cg13535231	RBM18;RBM18;RBM18	0.78181	0.590087	1.32883	1.32883	0.496733	0.697172	-1.43437	0.170145	0.9664545	-1.03658	0.4406525	0.662923	-1.50847	0.2686254	0.9664545	-1.03506	0.4406525	0.662923	-1.50847	0.2686254	0.9664545	-1.03506	0.4406525	0.662923	-1.50847	0.2686254	0.9664545	-1.03506	0.4406525	0.662923	-1.50847	0.2686254	1
cg22975160	PHLDB3	0.7818448	0.7806616	1.19021	1.19021	0.6598424	1.2297	1.2297	0.5809985	1.2891	1.2891	0.761801	1.15284	1.15284	0.417079	0.6789898	-1.47276	0.2138003	1.84235	1.84235	0.263105	0.580063	-1.72395	0.86762	0.925081	-1.08099	0.979026	0.987803	-1.01235	0.581832	2.08001	3.06772	1
cg13851621	SYT12	0.781852	0.149128	0.413118	-2.42062	0.825583	0.881551	-1.13442	0.869062	0.91003	-1.09887	0.307125	0.546635	-1.82937	0.309068	0.547961	-1.82495	0.349382	0.576677	-1.73407	0.686054	0.7927777	-1.26139	0.316937	0.553668	-1.80614	0.7971104	0.863102	-1.15861	0.581827	3.00899	4.59701	1
cg05065572	TBX5;TBX5;TBX5;TBX5	0.78186	0.729842	0.832679	-1.20104	0.4724883	1.47027	1.47027	0.4107	0.9737122	-1.02699	0.72442	0.8280975	-1.25255	0.397568	0.631741	-1.58269	0.3120005	0.757246	-1.32068	0.503083	0.708803	-1.41093	0.39367	0.88383	-1.88383	0.7698318	0.8565227	-1.16751	0.5818316	2.56758	3.9227	1
cg26857223	FAM171A1	0.781875	0.621978	0.633995	-1.5773	0.579513	1.67067	1.67067	0.541842	1.76165	1.76165	0.711706	0.765293	-1.30669	0.192475	0.2822265	-3.54278	0.3912258	1.10764	1.10764	0.759765	0.7548846	-1.32477	0.248049	0.3304447	-3.0262	0.695258	1.43476	1.43476	0.581795	7.74771	11.8372	1
cg08798921	FZD6;FZD6;FZD6	0.781896	0.239115	0.257944	-3.87682	0.543395	0.5086617	-1.96612	0.878938	0.8457754	-1.18238	0.415554	0.400659	-2.49589	0.31632	0.320249	-3.12257	0.270783	0.283593	-3.52618	0.747956	0.701622	-1.42527	0.470251	2.24202	2.24202	0.920818	0.896478	-1.11548	0.581765	11.1308	17.0069	1
cg06854391	SLC16A1;SLC16A1	0.781916	0.396895	1.25861	1.25861	0.7724548	1.55353	1.55353	0.5602368	1.14946	1.14946	0.335421	1.38212	1.38212	0.848844	0.983732	-1.01716	0.3131871	0.757873	1.31948	0.81939	0.9650952	-1.03617	0.89632	0.9840041	-1.01515	0.529829	1.18372	1.18372	0.581738	0.6406997	0.9886604	1
cg18185980	PNLIPRP2	0.781917	0.842221	0.840793	-1.18935	0.416527	0.485554	-2.05956	0.392985	2.14125	2.14125	0.741803	1.33332	1.33332	0.586076	0.619763	-1.61352	0.400396	0.472854	-2.11482	0.365491	0.445293	-2.24571	0.273894	0.371332	-2.69301	0.742009	1.333	1.333	0.581736	6.97521	10.6581	1
cg27623764	SHANK2;SHANK2	0.781927	0.307806	0.880516	-1.12801	0.858716	1.05866	1.05866	0.602723	1.18293	1.18293	0.576795	0.83456	-1.19766	0.41696	0.8384	-1.19266	0.2020448	0.650171	1.53806	0.551496	1.21262	1.21262	0.387237	1.32782	1.32782	0.421805	1.30021	1.30021	0.581721	0.942976	1.4499	1
cg06838394	ARFGEF2	0.781928	0.558262	0.910208	-1.09865	0.4926854	0.895188	-1.11708	0.9800203	0.9716603	-1.02919	0.553554	0.909158	-1.09992	0.962396	0.992536	-1.00752	0.7534414	0.951154	-1.05135	0.499158	0.71519	1.11519	0.342634	0.856099	-1.16809	0.61165	0.921857	-1.08477	0.581772	0.23266	0.3555513	1
cg24689026	PNLIPRP2	0.781932	0.198326	0.403749	-2.47679	0.606763	0.707253	-1.41392	0.580707	1.45092	1.45092	0.696851	0.770138	-1.29847	0.835687	1.14862	1.14862	0.178035	0.384895	-2.59811	0.7046	0.775608	-1.28931	0.455909	0.602529	-1.65967	0.739115	0.800137	-1.24979	0.581714	4.10057	6.26589	1
cg06483126	PPP2R2A;PPP2R2A	0.781949	0.795802	1.03817	1.03817	0.6498424	1.1124	1.1124	0.7384558	1.04758	1.04758	0.744792	1.04477	1.04477	0.948729	0.990749	-1.00934	0.6952014	1.05856	1.05856	0.912825	0.984298	-1.01595	0.947397	0.990251	-1.00958	0.9911951	0.764243	-1.30848	0.581669	0.102425	0.2940477	1
cg24444810	SPON1	0.781957	0.596012	1.16546	1.16546	0.9023039	0.965479	-1.03576	0.526449	1.20163	1.20163	0.244041	1.41736	1.41736	0.648957	1.14014	1.14014	0.267565	1.39211	1.39211	0.534542	0.8352661	-1.19722	0.253491	1.40675	1.40675	0.66525	1.13267	1.13267	0.581679	0.754472	1.15294	1
cg03669587	FGF22	0.781961	0.702306	0.897802	-1.11383	0.4983645	0.824151	-1.21284	0.178754	0.66864	-1.49334	0.9681	0.988836	-1.01129	0.961845	1.01952	1.01952	0.301457	0.740423	-1.35058	0.614795	0.8743304	-1.14377	0.945859	1.3125	1.3125	0.905333	0.967152	-1.03396	0.581674	0.726008	1.10945	1
cg11956120	FEM1C	0.781969	0.8165584	0.920993	-1.08625	0.2427754	0.545503	1.46503	0.337391	1.86201	1.86201	0.553158	0.821407	-1.21796	0.831115	0.9354472	-1.06898	0.6952014	1.05856	1.05856	0.912825	0.984298	-1.01595	0.947397	0.990251	-1.00958	0.9911951	0.764243	-1.30848	0.581669	0.102425	0.2940477	1
cg26183250	ESRRG	0.781988	0.322802	2.66901	2.66901	0.640138	0.63597	-1.5724	0.894216	1.13642	1.13642	0.696277	1.45803	1.45803	0.866398	0.850565	-1.17569	0.2673565	1.84235	1.84235	0.263105	0.580063	-1.72395	0.86762	0.925081	-1.08099	0.979026	0.987803	-1.01235	0.581832	2.08001	3.06772	1
cg26183250	ESRRG	0.781988	0.322802	2.66901	2.66901	0.640138	0.63597	-1.5724	0.894216	1.13642	1.13642	0.696277	1.45803	1.45803	0.866398	0.850565	-1.17569	0.766584	0.75115	-1.33129	0.480476	0.501878	-1.99252	0.144766	4.50663	4.50663	0.925805	0.914358	-1.09366	0.581636	8.51168	13.008	1
cg13056990	AIAP1;AIAP1	0.781989	0.703206	1.93702	1.93702	0.2724483	0.2109	-4.74196	0.2210119	0.505963	2.03899	0.2108399	0.490784	2.09359	0.2109155	0.4606007	2.17173	0.2149515	0.4196	2.38275	0.1713556	0.4525257	2.21017

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1-p-value|1047 vs. N)	Ratio(1057 vs. N)	p-value|1057 vs. N)	Fold-Change(1-p-value|1057 vs. N)	Ratio(1117 vs. N)	p-value|1117 vs. N)	Fold-Change(1-p-value|1117 vs. N)	Ratio(1127 vs. N)	p-value|1127 vs. N)	Fold-Change(1-p-value|1127 vs. N)	Ratio(1217 vs. N)	p-value|1217 vs. N)	Fold-Change(1-p-value|1217 vs. N)	p-value|3477 vs. N)	Ratio(3477 vs. N)	p-value|3537 vs. N)	Fold-Change(1-p-value|3537 vs. N)	p-value|5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(1-p-value|5377 vs. N)	p-value|5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(1-p-value|5637 vs. N)	F(Error
cg01218655	MYO3B;HAUS8;MYO3B;HAUS8	0.783086	0.226449	2.00445	1.00445	0.244817	1.04737	1.04737	0.29924	1.79724	1.79724	0.787378	0.864552	-1.15997	0.879444	1.08509	0.955195	0.909228	-1.03869	0.578581	1.35381	1.35381	0.345526	1.69583	1.69583	0.6008813	1.32963	1.32963	0.5726655	2.49927	2.90957	1
cg00366818	ARMC4	0.783041	0.324689	1.41627	1.41627	0.696811	1.14338	1.14338	0.948292	0.97805	-1.02244	0.245927	0.660174	-1.51475	0.926003	0.968712	1.03203	0.967253	1.06188	1.06188	0.84868	1.06755	1.06755	0.872581	1.05646	1.05646	0.580153	1.07591	1.64847	1
cg26449074	ZC3H15	0.783045	0.516007	0.842502	-1.18694	0.414755	1.24227	1.24227	0.759951	1.08302	1.08302	0.584293	0.86608	-1.15463	0.242353	0.727306	-1.37494		0.38494	1.03498	1.03498	0.527327	1.18135	1.18135	0.742802	0.91788	-1.08947	0.1638555	1.27181	1.27181	0.5801148	0.6222002	0.953323	1
cg01806745	C3orf43;C3;CAN3	0.783049	0.903152	0.849606	-1.17702	0.985731	1.024207	1.024207	0.617311	0.598497	-1.96272	?	?	0.348938	0.275006	-3.63554			0.68127	0.575321	-1.73826	0.513155	2.33572	2.33572	0.288745	4.22807	4.22807	0.355459	3.5694	3.5694	0.562927	14.2003	25.2258	1
cg16521454	CSorf62	0.783054	0.347545	0.574155	-1.74169	0.798888	0.863757	-1.15773	0.830454	0.884256	-1.13089	0.158668	2.37343	2.37343	0.687363	1.26122	1.26122		0.872104	0.911719	-1.09683	0.395315	0.606892	-1.64774	0.707402	1.24149	1.24149	0.910186	0.937317	1.06687	0.508135	3.0237	4.63294	1
cg03027354	LRRN2;LRRN2	0.783056	0.860993	0.961903	-1.03961	0.526727	1.15226	1.15226	0.615207	1.1185	1.1185	0.541704	1.5625	1.44125	0.777982	1.06445	1.06445		0.280054	0.784134	-1.27529	0.416075	0.832387	-1.20136	0.453981	1.18368	1.18368	0.349914	1.2369	1.2369	0.582132	0.4485908	0.687355	1
cg18496937	SEPT5;SEPT5	0.783059	0.469617	1.77929	1.77929	0.743937	1.29269	1.29269	0.451552	1.82354	1.82354	0.925133	0.929026	-1.0764	0.807002	0.825547	-1.21132		0.63307	1.45751	1.45751	0.0913603	4.28898	4.28898	0.478871	1.75747	1.75747	0.536595	1.63254	1.63254	0.580128	5.63681	8.63688	1
cg16870305	IFT80;SMC4;SMC4;SMC4	0.783059	0.866192	0.929134	-1.0828	0.727005	1.17978	1.17978	0.187203	0.517167	-1.93161	0.651208	0.804806	-1.23945	0.424574	1.47167	1.47167		0.847422	1.09512	1.09512	0.365956	0.581353	-1.73012	0.197324	0.509943	-1.07882	0.674552	1.2206	1.2206	0.580127	2.04428	3.13231	1
cg06845079	CACNA2D4	0.783075	0.293218	0.759671	-1.31636	0.854557	1.04734	1.04734	0.270437	0.599231	0.589722	-1.03108	0.964566	-1.03708	0.7208	-1.41102			0.765828	0.92747	-1.0782	0.353945	0.788574	-1.26811	0.450754	0.823895	-1.21375	0.683322	0.901772	-1.10893	0.580106	0.583864	0.894648	1
cg26559315	LYNX1;LYNX1;LYNX1;LYNX1;LYNX1	0.783096	0.966269	0.961856	-1.03966	0.305916	2.68377	2.68377	0.703264	1.42271	1.42271	0.567665	0.586679	-1.70451	0.916551	1.1012	1.1012		0.947402	0.941128	-1.06255	0.231939	0.309418	-3.23188	0.934043	1.0791	1.0791	0.364133	2.37767	2.37767	0.572567	7.30421	8.50464	1
cg11561301	C4orf6	0.783098	0.179324	0.965998	-2.59445	0.334402	1.506524	1.506524	0.428	0.89159	-1.12159	0.607973	0.982144	-1.01783	0.741493	1.41433			0.527711	0.629632	-1.58823	0.289759	0.465069	-2.15022	0.49255	0.920565	-1.08632	0.182252	0.844083	-1.18472	0.580073	0.466217	1.19419	1
cg25299676	MET;MET	0.783101	0.544146	0.822434	-1.2159	0.392698	0.756679	-1.32156	0.625976	0.855231	-1.16983	0.786194	1.04634	0.467029	0.790045	-1.26575			0.423882	0.770994	-1.29703	0.277896	0.698168	-1.44232	0.321126	1.38597	1.38597	0.808538	1.08037	1.08037	0.580068	0.931496	1.42741	1
cg18998705	SLITRK3	0.783111	0.776559	0.961941	-1.06164	0.466213	1.16872	1.16872	0.329245	1.23573	1.23573	0.717468	0.926458	-1.07938	0.605989	0.896394	-1.11558		0.330487	0.809706	-1.23501	0.411286	0.838109	-1.19316	0.702461	1.08402	1.08402	0.443864	1.16132	1.16132	0.580055	0.405945	0.623079	1
cg11644349	VPS8;VPS8	0.783115	0.699855	1.18456	1.18456	0.194372	1.82263	1.82263	0.2134	0.53233	1.44622	0.691693	0.8400366	-1.19038	0.5503	1.30244	1.30244		0.534529	1.31657	1.31657	0.415	0.179457	1.86535	1.86535	0.575742	1.28044	1.28044	0.497625	1.3513	1.3513	0.5800454	1.75625	2.69131	1
cg18932686	LAGE3;LAGE3	0.783112	0.224915	2.00184	-4.99539	0.903457	0.85802	-1.16547	0.91578	1.14281	1.14281	0.481478	2.46676	2.46676	0.564	2.08597	2.08597		0.189645	0.173210	-5.77303	0.877201	0.822729	-1.21547	0.925693	1.12493	1.12493	0.849397	1.27111	1.27111	0.5800754	1.64294	2.24185	1
cg14196225	HOPX;HOPX;HOPX;HOPX;HOPX	0.783121	0.415091	1.26899	1.26899	0.979216	0.976078	-1.02451	0.572557	0.588583	1.6589	0.814095	1.24475	1.24475	0.762758	1.31578	1.31578		0.896391	0.885952	-1.12873	0.957759	0.951962	-1.05046	0.8893009	0.70531	0.70531	0.672647	1.48438	1.48438	0.5801041	7.9361	12.1617	1
cg01915888	TPCN1;TPCN1	0.783127	0.895124	0.912106	-1.09636	0.937825	1.05593	1.05593	0.129004	0.318445	-3.14025	0.824429	1.16765	1.16765	0.414252	0.558682	-1.78993		0.87331	0.894658	-1.11775	0.327203	2.02492	2.02492	0.934847	0.944564	-1.05869	0.773935	0.818004	-1.22249	0.580032	4.46991	6.85006	1
cg03096320	PCBP1	0.783134	0.799901	0.914853	-1.09307	0.527681	1.15139	1.15139	0.304423	0.45171	1.45171	0.76284	0.88941	-1.11184	0.574091	0.819532	-1.22021		0.442089	0.760236	-1.31538	0.879275	0.948122	-1.05473	0.919343	0.616183	-1.6229	0.784282	0.908313	-1.10094	0.580022	1.12829	1.72911	1
cg26075410	DNMT3B;DNMT3B;DNMT3B	0.783135	0.837855	1.06055	1.06055	0.803514	1.03127	1.03127	0.817716	0.971883	-1.02893	0.358631	1.12368	1.12368	0.828538	0.973559	-1.02716		0.684859	1.05134	1.05134	0.304237	0.876833	-1.14047	0.379911	1.11769	1.11769	0.236401	1.16563	1.16563	0.580021	0.1401181	0.214829	1
cg23551605	AGAP1;AGAP1	0.783136	0.367275	0.52348	-1.91029	0.519504	1.57826	1.57826	0.658435	1.36468	1.36468	0.437007	0.574576	-1.74041	0.509849	0.62674	-1.59556		0.493576	0.615146	-1.62563	0.263124	0.4425	-2.25989	0.325089	0.491571	-2.03429	0.826804	0.858099	-1.16549	0.580019	0.488658	0.687576	1
cg13768849	SARDH;SARDH	0.783144	0.955077	0.954381	-1.04782	0.443277	0.697197	-1.43349	0.773725	0.856388	1.1678	0.267657	1.70228	1.70228	0.912387	0.928553	-1.07701		0.845071	0.913811	-1.09432	0.196266	1.8767	1.8767	0.547152	1.34022	1.34022	0.563456	1.30876	1.30876	0.580014	1.94967	2.98793	1
cg26074967	C3orf38	0.783149	0.311371	1.90369	1.90369	0.404059	1.69015	1.69015	0.632535	1.34643	1.34643	0.901509	0.926721	-1.07907	0.184992	0.421425	-2.3729		0.948399	0.960998	-1.04059	0.599852	1.38457	1.38457	0.931027	0.993112	-1.00694	0.6109111	1.3708	1.3708	0.580002	0.347076	0.531916	1
cg13231655	SGIP1	0.783153	0.946713	1.03255	1.03255	0.749329	0.640809	1.56061	0.373338	0.705	-1.41779	0.734827	0.82116	-1.21779	0.734827	0.877393	-1.1374		0.480523	1.13408	1.13408	0.307487	0.779988	1.2321	1.2321	0.811753	1.21831	1.21831	0.853986	0.642791	1.55572	0.579988	1.13291	1
cg14207350	M6PR;M6PR	0.783159	0.539405	1.15543	1.15543	0.158033	0.704022	-1.42041	0.624932	1.12138	1.12138	0.472061	0.843594	-1.1854	0.953519	1.01365	1.01365		0.31923	1.787143	-1.27042	0.833695	0.952288	-1.0501	0.938718	1.01804	1.01804	0.788584	1.06449	1.06449	0.579987	0.49663	0.761136	1
cg23834964	GCOH1;GCDH	0.783161	0.911688	0.93788	-1.06623	0.293611	0.530864	-1.88372	0.647463	1.38357	1.30027	0.292238	0.529825	-1.88742	0.776269	0.848101	-1.17911		0.990217	1.00711	1.00711	0.535128	0.695060	-1.43871	0.185371	0.440794	-2.26864	0.79132	1.16572	1.16572	0.576555	2.98666	4.02903	1
cg05002884	MAPK10	0.783169	0.483285	1.08555	1.08555	0.484173	0.623288	-1.60437	0.353746	0.744636	1.34258	0.946534	1.06482	1.06482	0.647443	1.48899	1.48899	0.672402	0.832943	1.20032	-1.19329	0.143402	0.351761	-2.84284	0.946482	1.05622	0.881853	1.868903	-1.15088	0.579973	4.06102	6.22408	1
cg05814822	TMEM26;C14orf174	0.783171	0.834346	0.908341	-1.10091	0.541855	1.32773	1.32773	0.246287	0.57315	-1.74475	0.660037	1.20204	1.20204	0.246269	0.573137	-1.74478		0.740522	1.16481	1.16481	0.4172	1.46318	1.46318	0.812056	0.896419	-1.11555	0.769432	0.873777	-1.14446	0.579971	1.93571	2.96675	1
cg05608807	KIF26B;KIF26B	0.783218	0.595301	1.817343	-1.22346	0.389757	1.717858	1.717858	0.1393	0.300423	2.45171	0.145271	0.562364	1.77825	0.115115	0.512068	1.95244	0.606088	1.64976	0.607	1.64976	0.607	0.572723	1.74644	0.572723	1.74644	0.572723	1.74644

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1321 vs. N)	Fold-Change(1321 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg07135446	DLC1;DLC1	0.784459	0.920386	0.97057	-1.02086	1.402684	1.19335	1.19335	0.447202	1.18667	1.18667	1.18667	0.710081	0.925797	-1.08015	1.70147	-1.08277	1.08277	0.992273	1.002	1.002	1.002	0.80581	0.950416	-1.05217	1.209972	1.24829	1.24829	0.153161	1.37141	0.578116	0.390358	0.600158	1
cg27270412	NRP1;NRP1;NRP1	0.784484	0.360423	2.44705	2.44705	2.044531	3.57595	3.57595	0.93445	1.08144	1.08144	1.08144	0.683003	0.68108	-1.46826	1.09285	3.71243	3.71243	0.381226	2.35091	2.35091	2.351589	0.10618	1.10618	0.787939	1.29254	1.29254	0.878396	1.15688	1.15688	0.578121	8.29427	12.7528	1
cg24183098	MEG3;MEG3;MEG3	0.784485	0.375471	0.718972	-1.39087	0.833324	1.07943	1.07943	0.417686	0.740515	-1.15041	0.609744	0.829665	-1.20531	0.662607	0.852786	-1.17263		0.30892	0.682518	-1.46516	0.307128	0.681483	-1.46739	0.220411	0.626672	-1.59573	0.291171	0.672126	-1.48782	0.57812	1.20467	1.85224	1
cg14467015	TTTY13	0.784859	0.817835	1.19737	1.19737	0.794109	0.767425	-1.30306	0.625192	0.609734	-1.64589	0.193474	0.248468	-4.02547	0.829552	1.243815	1.243843		0.581339	1.75714	1.75714	0.245106	0.293143	-3.42299	0.361468	0.380658	-2.5842	0.603165	0.538127	-1.70031	0.578105	0.378697	14.4206	1
cg15055577	ALMS1	0.784505	0.310201	0.706561	-1.41531	0.683661	0.873267	-1.14513	0.18135	0.625392	-1.59898	0.829264	0.931056	-1.07405	0.569932	1.20917	1.20917		0.425033	1.30927	1.30927	0.654328	0.684269	-1.16079	0.712181	0.88464	-1.1304	0.626664	0.850313	-1.17604	0.578091	1.00179	1.54038	1
cg01417569	FAM82A1	0.784509	0.704548	1.06823	1.06823	0.477747	0.882448	1.13331	-1.59326	0.713561	0.470948	1.13278	1.13278	0.956754	1.00944	1.00944	3.030022	0.831236	-1.20303		0.803934	1.04404	1.04404	0.352951	0.847389	-1.1801	0.645878	0.922969	-1.08346	0.35045	1.18117	-1.18117	0.708385	0.274822	0.422579	1
cg13355047	FSD1	0.784512	0.354019	1.33242	1.33242	0.780888	1.08755	1.08755	0.543673	1.20321	1.20321	0.266046	0.70553	-1.41737	0.507728	0.816887	-1.22416		0.833844	0.938734	-1.06526	0.701518	0.890456	-1.12289	0.337829	1.34633	1.34633	0.752921	1.09971	1.09971	0.578082	0.829353	1.37526	1
cg14583825	PRKCG	0.784532	0.396536	0.708646	-1.41114	0.271182	0.634817	-1.57526	0.126994	0.201529	1.01529	0.682782	0.845996	-1.17703	0.411497	0.716687	-1.39531		0.256093	0.624779	-1.60057	0.29427	0.449523	-2.22439	0.202451	0.70632	-1.41572	0.694413	-1.44006	0.757911	1.13084	1.13084	0.57807	1.44066	2.21528	1
cg26392523	C14orf2;C14orf2	0.784524	0.660385	0.836302	-1.19574	0.247542	0.61336	-1.63036	0.603216	0.680935	-1.46911	0.919661	-1.08736	0.443876	1.37109	1.37109	1.37109		0.812036	1.10111	1.10111	0.496318	1.32184	1.32184	0.786102	0.655032	-1.52664	0.609124	1.23184	1.23184	0.708655	1.49656	2.30126	1
cg16759416	UNC58	0.784527	0.551652	1.86347	1.86347	0.588497	1.75864	1.75864	0.445062	2.23581	2.23581	0.376168	2.55654	2.55654	0.300415	0.329871	-3.03149		0.432317	2.28929	2.28929	0.306082	2.98983	2.98983	0.895566	1.14538	1.14538	0.500773	2.02648	2.02648	0.578061	9.77953	15.0381	1
cg13518552	C12orf32;C12orf32;C12orf32 ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF7	0.784535	0.996855	0.998513	-1.00149	0.985657	0.96906	1.03066	0.157385	1.82863	1.82863	0.555665	1.19788	1.19788	1.32857	1.32857	1.32857		0.622813	1.20578	1.20578	0.40975	1.32657	1.32657	0.288164	1.65016	1.65016	0.463397	1.34309	0.933181	0.968844	-1.01216	0.57805	1.30428	2.35564	1
ch.13.18102537	ARHGEF7	0.784536	?	?	?	0.28803	1.85211	1.85211	0.586247	1.35945	1.35945	0.433717	0.639963	-1.56259	0.376536	0.602262	-1.66041		0.746906	0.834498	-1.19833	0.504255	0.684787	-1.46031	0.623493	0.758464	-1.31845	0.618953	0.755679	-1.32331	0.560806	2.46481	4.39513	1
cg25120826	DECR2	0.784539	0.736201	1.1493	1.1493	?	?	?	?	?	?	0.433279	1.3897	1.3897	0.49765	0.753244	-1.32759		0.870839	0.935225	-1.06926	?	?	?	0.339026	0.666591	-1.50017	0.483527	0.745987	-1.34051	0.512479	0.916495	2.38448	1
cg01066465	MATN1	0.784558	0.527443	1.1338	1.1338	0.808448	1.04879	1.04879	0.883288	1.02923	1.02923	0.243531	0.787161	-1.27039	0.959983	0.990207	-1.00989		0.173634	0.752825	-1.32833	0.473443	0.867331	-1.15296	0.990732	1.00228	1.00228	0.81508	1.04702	1.04702	0.578017	0.352132	0.545158	1
cg27138071	FAM127A	0.784573	0.179137	1.030086	-4.9484	0.554407	0.511688	-1.95435	0.668262	0.634945	-1.57494	0.949556	0.9393	0.945778	1.49387	1.49387	1.49387		0.315603	1.31256	1.31256	0.745731	1.13982	1.13982	0.968068	1.04456	1.04456	0.791399	0.742907	-1.3459	0.913714	0.885623	-1.12915	0.578	1.49665	1.40727	1
cg01075305	SDF4;SDF4	0.784576	0.452003	1.93825	1.93825	0.105409	4.60854	4.60854	0.822058	1.21477	1.21477	0.425033	2.02101	2.02101	0.407734	2.078	2.078		0.312073	2.46746	2.46746	0.522482	1.75036	1.75036	0.904245	1.10954	1.10954	0.790149	1.25905	1.25905	0.577992	6.82855	10.5016	1
cg01756638	WIPI1	0.784587	0.391106	0.435256	-2.2975	0.796237	1.27757	1.27757	0.984008	0.981205	-1.01915	0.387345	0.353852	2.31352	0.377446	0.424302	-2.35681		0.181939	0.262663	-3.80716	0.805313	1.26336	1.26336	0.862623	1.13079	1.13079	0.954029	0.946889	-1.05609	0.577975	8.2029	12.6155	1
cg13677111	ALG5;EXOSC8;EXOSC8;ALG5	0.784589	0.391969	0.747702	-1.33501	0.202321	0.641331	-1.55926	0.711368	0.597024	1.67514	0.959768	0.975024	1.02562	?	?	?		0.724213	1.12401	1.12401	0.705008	1.36446	1.36446	0.748606	0.89933	-1.11194	0.920281	1.01237	1.01237	0.56073	0.806934	1.53303	1
cg25373100	PDE8B;PDE8B;PDE8B;PDE8B;PDE8B	0.7846	0.883619	0.960828	-1.04077	0.489479	0.825689	-1.21111	0.321127	1.32266	1.32266	0.745782	1.0928	1.0928	0.512938	0.834418	-1.19844		0.515878	1.19689	1.19689	0.474269	1.21961	1.21961	0.215894	1.42663	1.42663	0.841881	1.056	1.056	0.577958	0.681264	1.04777	1
cg07340574	CACNA1H;CACNA1H	0.78461	0.584574	1.14645	1.14645	0.241389	1.09205	1.09205	0.20009	1.02824	1.02824	0.439531	0.822577	1.21557	0.494104	0.809299	-1.18497		0.228166	0.726183	-1.37706	0.57233	1.14964	1.14964	0.754325	0.902943	-1.10754	0.842554	-1.27542	0.779455	0.334479	0.784054	2.42757	1
cg06945399	LRRC4;SND1	0.784621	0.890916	1.02448	1.02448	0.467752	1.13909	1.13909	0.350704	1.18447	1.18447	0.519588	1.12194	1.12194	0.956076	0.990339	-1.00976		0.661587	0.925304	-1.08073	0.915025	0.878583	-1.27327	0.663218	0.925678	-1.08029	0.64079	0.920513	-1.08635	0.577927	0.284338	0.43733	1
cg12656494	CCSC1039A	0.784625	0.345768	1.20182	1.20182	0.675275	1.08004	1.08004	0.447256	1.15796	1.15796	0.812789	0.956375	1.04564	0.506947	0.880318	-1.13595		0.497061	1.13849	1.13849	0.144336	1.34568	1.34568	0.439004	1.03639	1.03639	0.900882	1.02387	1.02387	0.577922	0.328101	0.504444	1
cg15555019	HSPA13	0.784629	0.484273	1.33946	1.33946	0.728308	1.15418	1.15418	0.209405	1.72286	1.72286	0.226481	0.593234	-1.68567	0.579347	0.794346	-1.2589		0.974849	1.087121	-1.01305	0.794014	1.11359	1.11359	0.974214	1.01338	1.01338	0.834163	0.917407	-1.09003	0.577917	1.54744	2.38011	1
cg10118210	FAM155A	0.784635	0.569416	0.846466	-1.18138	0.721504	0.901442	-1.10933	0.297614	1.36755	1.36755	0.594753	1.16842	1.16842	0.644968	0.874151	-1.14397		0.977827	0.991976	-1.00809	0.848441	0.946046	-1.05703	0.152854	1.55867	1.55867	0.939529	0.978246	-1.02224	0.57908	0.760206	1.18313	1
cg20584918	WDR53;FBXO45;FBXO45	0.784636	0.274037	1.06705	1.06705	0.893791	0.863976	-1.15862	0.504394	0.95212	1.04717	0.484707	0.725641	1.37824	0.49212	0.846907	-1.18055		0.751825	1.05617	1.05617	0.779705	0.924914	1.08126	0.854047	1.34146	1.34146	0.495226	2.20779	2.20779	0.577905	11.9979	18.4541	1
cg09480227	DLEU2	0.784638	0.829967	0.926905	-1.07886	0.194042	0.615715	-1.62413	0.577624	0.819918	-1.21963	0.66261	0.856454	-1.16761	0.616632	1.19501	1.19501		0.868146	0.943043	-1.0604	0.374385	1.37963	1.37963	0.779095	1.10434	1.10434	0.313205	0.703064	-1.42235	0.577904	1.1402	1.75377	1
cg18329680	EXT1	0.784639	0.876336	1.08447	1.08447	0.273372	0.93901	1.80861	0.76148	0.856749	-1.1672	0.862661	0.854649	-1.17032	0.862661	0.854649	-1.17032		0.520477	1.403	1.403	0.283947	1.78387	1.78387	0.694708	1.05	1.05	0.710045	1.039782	1.039782	0.577885	0.504	0.750504	1
cg25665590	UST;UST	0.784669	0.196966	0.507463	-1.97059	0.960478	1.02495	1.02495	0.913903	1.05525	1.05525	0.302945	1.70002	1.70002	0.266446	0.562256	1.77855		0.848119	1.10004	1.10004	0.732638	0.843223	-1.18593	0.944696	0.966089	-1.0351	0.816634	0.890916	1.12244	0.577886	1.26234	3.48142	1
cg19559756	SPAST;SPAST	0.784667	0.786626	1.0798	1.0798	0.492334	1.21815	1.21815	0.436339	1.25196	1.25196	0.414405	0.789708	-1.26629	0.911737	1.03188	1.03188		0.326551	0.750799	-1.33193	0.363598	0.767811	-1.3024	0.758617	0.916473	-1.09114	0.398975	0.783211	-1.2768	0.577859	0.732859	1.12732	1
cg08400511	LANCL1;LANCL1;CPS1;LANCL1;LANCL1	0.784681	0.49882	1.27163	1.27163	0.341496	1.40923	1.40923	0.044012	1.73213	1.73213	0.710559	1.13936	1.13936	0.715557	0.879777	-1.13665		0.449762	0.763719	-1.30938	0.915624	1.03779	1.03779	0.727169	1.13042	1.13042	0.801874	1.09198	1.09198	0.577884	1.12103	1.72447	1
cg17852021	ZNF18	0.784688	0.180807	1.19987	1.19987	0.494004	1.48393	1.48393	0.197252	1.14989	1.14989	0.265713	1.38893	1.38893	0.488815	0.703247	-1.42158		0.350509	0.587756	-1.70139	0.415015	1.15015	1.15015	0.904284	1.03012	1.03012	0.365042	1.25811	1.25811	0.578134	0.559077	0.858805	1
cg00876191	CD47;CD47;CD47	0.784694	0.647334	1.24612	1.24612	0.722843	1.18545	1.18545	0.702529	1.20119	1.20119	0.397434	0.661048	-1.51275	0.714526	0.839037	1.19184		0.307881	1.65569	1.65569	0.282871	0.586808	-1.70414	0.422997	1.4784	1.4784	0.895582	0.941473	-1.06217	0.577826	2.08851	3.21282	1
cg05451498	KIAA0427;KIAA0427	0.784699	0.794043	0.854593	-1.17015	0.618573	0.73975	-1.35181	0.682262	1.28044	1.28044	0.665834	1.29817	1.29817	0.49648	0.660555	-1.51388		0.2768	0.506953	-1.97257	0.402929	0.598059	-1.67207	0.25484	0.489673	-2.04218	0.545269	1.44434	1.44434	0.577817	0.33083	0.50785	1
cg00352997	UROD;UROD;TCTD3	0.784702	0.552464	1.09107	1.09107	0.224779	1.2578	1.2578	0.911381	1.02028	1.02028	0.464458	1.14368	1.14368	0.864429	0.906936	-1.10306		0.630132	0.91623	-1.09163	0.557172	0.890336	-1.01006	0.293966	0.821782	-1.21687	0.513076	1.12705	1.12705	0.578144	0.297536	0.457719	1
cg03683256	ARAP3	0.784717	0.398443	0.464809	-2.15142	0.238209	0.334602	-2.98863	0.285387	0.37408	-2.67322	0.337588	0.416411	-2.40147	0.322704	0.404446	-2.47252		0.489427	0.536735	-1.86312	0.753817	1.13533	1.13533	0.415794	0.478521	-2.08977	0.574762	0.605109	-1.6526	0.577793	7.18638	11.0557	1
cg03187411	IMMP2L	0.784721	0.393274	0.736806	-1.35756	0.492579	0.915347	1.36921	0.857363	1.11438	1.11438	0.114348	0.602182	1.66045	0.888473	1.144778	-1.14778		0.696423	0.729	-1.37173	0.556183	0.955159	-1.04723	0.276882	0.833883	-1.19963	0.232631	0.972024	-1.02884	0.577884	0.60312	0.928165	1
cg09907395	RNF213;RNF213	0.784725	0.364078	0.894332	-1.11815	0.468526	0.350233	1.09233	0.345051	1.1235	1.1235	0.407895	0.915923	-1.0918	0.95914	0.993884	-1.00615		0.410782	1.10596	1.10596	0.60951	0.940182	-1.06362	0.541616	0.70679	-1.41479	0.654814	1.06263	1.06263	0.577775	0.131192	0.201834	1
cg06740897	NFE2L1	0.784735	0.420895	0.728412	-1.37285	0.274244	1.55029	1.55029	0.28799	1.5298	1.5298	0.829668	1.08657	1.08657	0.697088	1.16271	1.16271		0.733788	0.87673	-1.1406	0.532901	1.27559	1.27559	0.669681	1.17984	1.17984	0.308359	1.5013	1.5013	0.577747	1.35902	2.09091	1
cg20943398	NKIRAS2;NKIRAS2	0.784736	0.316193	1.08445	1.08445	0.623439	0.726739	-1.3214	0.564873	0.760245	-1.31529	0.618342	0.680947	-1.46873	0.618042	1.477867	-1.47867		0.349204	0.693031	-1.44294	0.27405	0.648471	-1.54209	0.237397	0.624349	-1.60167	0.828481	0.920748	-1.08607	0.577741	1.32517	2.03885	1
cg05271231	GPR133	0.784765	0.2574	0.806988	-1.23918	0.44485	0.868233	-1.15177	0.994077	1.00035	1.00035	0.161469	0.762437	-1.31158	0.504073	0.884272	-1.13087		0.454843	0.871013	-1.14809	0.649277	1.0866	1.0866	0.915665	0.888336	-1.1257	0.736232	0.940511	-1.06325	0.577725	0.301119	0.463303	1
cg20626645	CACNA1D;CACNA1D;CACNA1D	0.784769	0.702778	0.756651	-1.32256	0.457967	0.822623	1.20165	0.455353	1.54953	1.54953	0.645505	0.816414	-1.22507	0.780251	0.660805	-1.51356		0.174204	1.70656	1.70656	0.058417	0.641968	-1.55965	0.603797	0.79	-1.26582	0.791455	0.868266	1.15187	0.577725	0.119192	0.183134	1
cg14499387	LIMK2;LIMK2;LIMK2	0.784775	0.453963	1.43991	1.43991	0.157109	2.06105	2.06105	0.197098	1.91891	1.91891	0.343431	1.59438	1.59438	0.864867	1.08482	1.08482		0.593123	1.29405	1.29405	0.867698	1.08295	1.08295	0.758486	1.15882	1.15882	0.863524	0.921036	-1.08571	0.577711	2.0902	3.21607	1
cg02988814	DUT;DUT;DUT	0.784791	0.369051	0.741754	1.43734	0.867094	1.57555	1.57555	0.626518	1.04296	1.04296	0.447596	2.11432	2.11432	0.553848	1.78295	1.78295		0.519858	1.87741	1.87741	0.307408	3.03583	3.03583	0.699807	1.66704	1.66704	0.470129	2.09232	2.09232	0.578085	8.53087	13.1265	1
cg03574119	TRIM56	0.784793	0.408661	0.421901	-2.37021	0.164554	0.219961	-1.46627	0.249401	0.292493	-2.41889	0.373748	0.475194	-2.1044	0.449954	0.455599	-2.19491		0.38971	0.406529	-2.45985	0.396372	0.421928	-2.37206	0.396289	0.476184	-2.08261	0.270286	0.428801	-2.33107	0.577686	9.5409	14.6806	1
cg13765957	TTTY14	0.784795	0.231198	4.11757	4.11757	0.68348	1.58717	1.58717	0.7281	1.48187	1.48187	0.525033	0.483918	-2.06646	0.289842	0.289958	-3.44877		0.386571	2.71888	2.71888	0.659155	1.64908	1.64908	0.91401	1.12944	1.12944	0.693072	1.56367	1.56367	0.577683	11.6189	17.8761	1
cg04273350	NMD3	0.784796	0.419737	1.63703	1.63703	0.456005	0.967122	-1.04	0.790162	1.16736	1.16736	0.438853	0.62372	-1.60318	0.253822	0.808	-1.23762		0.349204	1.79561	1.79561	0.401694	0.598612	-1.67053	0.387885	1.22044	1.22044	0.854185	1.11627	1.11627	0.577681	1.3702	2.03191	1
cg09896598	ERLIN2;ERLIN2;ERLIN2	0.784803	0.567908	1.5176	1.5176	0.261209	0.428841	-2.33187	0.20978	2.59894	2.59894	0.682066	1.34665	1.34665	0.99901	0.999104	-1.0009		0.963677	0.943945	-1.05938	0.418538	1.81721	1.81721	0.793326	1.20892	1.20892	0.673843	1.736477	-1.35782	0.577671	0.77692	7.35047	1
cg02361458	PRKAA2	0.784805	0.913421	1.05445	1.05445	0.902215	1.14093	1.03943	0.837809	1.0487	1.0487	0.695396	1.13036	1.13036	0.448091	0.800039	-1.24994		0.5597	0.832208	1.20162	0.951171	0.619402	-1.61445	0.34771	0.737561	-1.35582	0.563474	1.20003	1.20003	0.577667	0.887372	1.36514	1
cg22114603	MAD1L1;MAD1L1;MAD1L1	0.784815	0.351523	1.28072	1.28072	0.67163	0.94351	1.94351	0.174357	1.8456	1.8456	0.470073	0.748162	-1.33647	0.485852	0.512879	2.17578	2.17578	0.894495	1.1787	1.1787	0.195297	0.45907	-2.17807	0.404082	2.47527	2.47527	0.450903	2.5905	2.5905	0.577655	3.04472	4.21656	1
cg27113876	SLCO3A1;SLCO3A1	0.784819	0.483463	0.591027	-1.69197	0.631709	1.42546	1.42546	0.301261	2.20543	2.20543	0.722409	1.30135	1.30135	0.762123	1.2513	1.2513		0.487375	1.68379	1.68379	0.760515	0.799914	-1.25237	0.293209	0.447001	-2.23713	0.427373	1.81923	1.81923	0.577649	4.98883	7.67684	1
cg00566644	FOXF1	0.784825	0.424001	2.88907	2.88907	0.145618	0.907272	-1.12478	0.6181	0.560582	-1.66505	0.816414	0.980783	-1.02605	0.964168	0.980783	-1.02605		0.308338	0.80424	-1.24342	0.648356	0.904869	-1.10514	0.992544	1.04316	1.04316	0.425109	1.24315	1.24315	0.577645	0.24275	0.34868	1
cg19010441	MED12L;GPR171	0.784874	0.653911	0.83848	-1.19263	0.562952	0.795883	-1.25647	0.965134	1.01721	1.01721	0.189336	1.27075	1.27075	0.978515	1.01057	1.01057		0.717955	1.15211	1.15211	0.46498	0.748047	-1.33681	0.590141	0.808746	-1.23648	0.318416	0.668615	-1.49563	0.577571	1.39394	2.1453	1
cg07442638	CHD8	0.784878	0.999508	1.009588	1.009588	0.100403	1.320428	0.726083	1.379725	0.5503	1.194	1.194	0.642622	1.15065	1.15065	0.525173	1.21331	1.21331		0.638089	0.807383	-1.15208	0.929222	0.978572	-1.30112	0.864492	1.05263	1.05263	0.577566	0.824885	1.12092	1
cg03675884	C16orf86;C16orf86;RRC3	0.784907	0.551674	1.69971	1.69971	0.42241	0.485865	-2.05819	0.760901	0.764268	-1.30804	0.393092	0.391475	-2.55444	0.428865	0.490953	-2.03685		0.356588	0.443785	2.30529	0.419332	2.06852	2.06852	0.762178	1.3065	1.3065	0.848337	1.1837	1.1837	0.577526	7.09685	10.923	1
cg01592530	SCAF1;RRAS	0.784913	0.857336	0.936222	-1.06812	0.514633	1.27381	1.27381	0.998166	1.37276	1.37276	0.855276	1.06865	1.06865	0.237757	0.635754	-1.57294		0.676244	1.16627	1.16627	0.4043	0.731594	-1.36688	0.652248	1.18074	1.18074	0.459462	1.31765	1.31765	0.577517	1.22686	1.88833	1
cg26855812	CCSC3B;AMDHD1	0.784922	0.143664	1.08445	1.08445	0.960702	1.04	1.04	0.765811	1.27383	1.27383	0.663508	0.968103	-1.03305	0.652173	0.65358	-1.53002		0.580607	1.48498	1.48498	0.17736	1.36856	1.36856	0.617289	1.45063	1.45063	0.577504	0.45917	0.60751	1
cg17536384	CHMP6	0.784926	0.884129	0.863489	-1.15809	0.995882	1.00521	1.00521	0.897422	1.1386	1.1386	?	?	?	0.222912	0.264055	-3.78709		0.980557	0.957581	-1.02482	?	?	?	0.334385	0.3598	-2.77932	0.505304	0.4958	8.17297	1
cg04482822	HCT012	0.784934	0.840103	1.08204	1.08204	0.777783	1.14508	1.14508	0.736403	1.14601	1.14601	0.864303	0.902222	-1.10837	0.835944	0.882723	-1.13285		0.977468	0.983777	-1.01711	0.967104	0.975497	-1.02512	0.127507	2.69475	2.69475	0.746031	0.983853	1.01626	0.577442	1.98385	2.98427	1
cg16412956	LMO3;LMO3	0.784971	0.510382	0.674647	-1.48226	0.944634	1.04179	1.04179	0.809544	0.867338	-1.15295	0.846204	0.891873	-1.12124	0.577241	0.717536	1.39366		0.989816	0.992505	-1.00755	0.101777	0.947902	-2.87437	0.248209	0.490887	-2.03713	0.541787	0.694856	-1.43915	0.577435	1.17754	4.89142	1
cg25691834	DNAJC30;WBSCR22	0.784977	0.404459	1.44113	1.44113	0.892892	1.07041	1.05941	0.95814	0.977766	-1.02274	0.596245	1.79568	1.79568	0.319639	1.553357	1.553357		0.592905	1.00764	1.00764	0.970173	1.29083	1.29083	0.197	1.197	1.197	0.611353	1.24014	1.24014	0.577405	2.03125	3.32858	1
cg07445587	TTC7B	0.784993	0.356422	0.956573	1.04708	0.872642	1.07041	1.07041	0.95814	1.01974	1.01974	0.870847	1.03574	1.03574	0.577241	0.717536	1.39366		0.529503	0.907914	1.10172	0.607573	1.02357	1.02357	0.874903	1.02357	1.02357	0.874903	1.02357	1.02357	0.577405	2.03125	3.32858	1
cg14505741	LOC100130872-SPON2;LOC100130872	0.785005	0.703422	1.22289	1.22289	0.521002	1.40807	1.40807	0.261595	1.85123	1.85123	0.578545	1.34339	1.34339	0.175658	0.468826	-2.13299		0.968255	0.979283	-1.02116	0.821219	0.887749	-1.12645	0.972424	0.98198	-1.01835	0.828418	0.892098	-1.12095	0.577387	2.53058	3.89583	1
cg02622803	FGF18	0.785051	0.394841	0.673522	-1.48473	0.696695	0.837233	-1.19441	0.467968	1.39784	1.39784	0.630875	0.788264	-1.26861	0.598996	0.786115	-1.27208		0.624252	1.25095	1.25095	0.785458	1.13146

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(121T vs. Chemo)	Fold-Change(1 vs.121T)	p-value(347T vs. N)	p-value(347T vs. Chemo)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. Chemo)	Fold-Change(1 vs.537T)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg25729560	KIAA0562	0.7857651	0.9028898	0.8899967	-1.111135	1.2044554	0.178335	1.178335	0.2318849	1.0549	3.0549	0.8302444	1.2037	1.2037	0.6498223	1.48394	1.48394	0.6055733	0.6377284	-1.56807	0.6322079	1.51506	1.51506	0.6978339	0.7139075	-1.40061	0.6205337	0.6378984	-1.56814	0.6763166	6.80654	10.4982	1
cg16044925	ZMPSTE24;ZMPSTE24	0.785779	?	?	?	?	?	?	0.56842	2.06327	2.06327	?	?	?	0.4843353	0.4056443	-2.46522	0.93302	1.10906	1.10906	?	?	?	0.7252618	0.6459926	-1.54816	0.4669513	2.56579	2.56579	0.4683113	5.01133	6.42323	1
cg11948301	DTNB;DTNB;DTNB;DTNB;DTNB	0.7857899	0.3471557	0.7256466	-1.37843	0.4048	0.75382	-1.32658	0.4116168	1.32093	1.32093	0.9525157	0.9804561	-1.01994	0.2106223	0.6457584	-1.54857	0.3480078	0.7259	-1.3776	0.9222379	0.9681641	-1.03282	0.6753249	0.8696544	-1.14988	0.7062244	0.8820217	-1.13377	0.5762882	1.003322	1.54742	1
cg17817198	HIST1H4E	0.7857933	0.549024	2.31762	2.31762	0.908036	0.8519975	-1.17374	0.1540105	8.295	8.295	?	?	?	0.3748839	0.534815	3.534815	0.5467443	2.32905	2.32905	0.384323	0.9599593	-1.31586	0.34797	3.818315	0.612217	2.031626	2.031626	0.5590212	15.1242	27.0553	1
cg02443967	TLL2	0.7857961	0.561499	2.201157	2.201157	0.283898	4.46614	4.46614	0.40336	3.15665	3.15665	0.4415506	2.87201	2.872701	0.262761	0.208139	-4.80449	0.433778	2.92614	2.92614	0.750257	1.53614	1.53614	0.7133158	1.5421	1.5421	0.868304	1.24992	1.24992	0.7792376	16.4924	25.4392	1
cg22829375	NGEF;NGEF	0.7858308	0.8607466	1.054959	1.054959	0.942044	1.01939	1.01939	0.59973	1.15015	1.15015	0.8107066	1.065544	1.065544	0.120896	0.6412355	-1.55944	0.764997	1.08241	1.08241	0.426126	0.8068802	1.23946	1.23946	0.898467	1.0343	1.0343	0.4535002	0.817323	1.223351	0.756256	0.6369017	0.9824661	1
cg02595263	MRPS28	0.7858527	0.5207514	0.8837757	-1.131153	0.775159	0.9470867	-1.05587	0.2267514	0.7858885	-1.27245	0.7982448	0.9525838	-1.04983	0.2487262	1.2572	1.2572	0.6248314	0.9106837	-1.09808	0.4404442	0.8612682	-1.16108	0.7785082	1.05499	1.05499	0.6420082	0.9149558	-1.09295	0.5762228	0.3288844	0.5073536	1
cg00754150	CASZ1;CASZ1	0.7858848	0.259719	3.847219	-1.46586	0.248253	0.5998815	-1.66718	0.1671376	0.9883576	-1.01176	0.7553138	0.9031556	-1.10723	0.3694297	0.7405139	-1.35037	0.4155999	0.7625004	-1.31126	0.9007247	0.9601447	-1.04151	0.9348271	0.9745117	-1.02615	0.3640926	0.7383227	-1.35441	0.5762199	0.9609045	1.49492	1
cg14452125	CTNNAL1	0.7858909	0.181105	4.63352	4.63352	0.187847	4.5139	4.5139	0.4004294	2.49958	2.49958	0.8913503	1.147	1.147	0.6312188	1.68055	1.68055	0.3893913	0.98564	-1.01457	0.95648	0.942769	-1.06071	0.7605601	1.391	1.391	0.7319366	1.48826	1.48826	0.7616169	16.4179	1
cg00260880	ANTXR2	0.7858571	0.5090221	0.7440228	-1.34404	0.924668	0.9593122	-1.04262	0.77479	0.8810702	-1.13498	0.9031156	0.947691	-1.0552	0.9801762	0.9890093	-1.01103	0.7373118	1.160218	1.160218	0.0836144	2.32836	2.32836	0.6870762	1.19571	1.19571	0.8504402	1.08691	1.08691	0.5761666	1.77771	2.74259	1
cg12334871	SYNPO	0.7858874	0.1396621	2.0899977	2.0899977	0.478913	1.38404	1.38404	0.1428047	2.20014	2.20014	0.1822795	0.8870744	-1.12734	0.3067571	0.5838585	-1.71292	0.8169611	1.13269	1.13269	0.3139061	0.5534466	1.80686	1.80686	0.4311277	0.7139869	1.400113	1.400113	0.5544089	1.837091	5.674162	13.9516	21.5241	1
cg21838652	C17orf57;C17orf57	0.7858888	0.9151303	1.024432	1.024432	0.5995535	1.12688	1.12688	0.590088	1.13038	1.13038	0.511011	1.1604	1.1604	0.574271	0.879937	-1.13644	0.6833315	1.11439	1.11439	0.4384446	0.8368869	-1.19493	0.3709951	1.23	1.23	0.1893227	1.36795	1.36795	0.4633335	0.7148845	1
cg25638545	FAM189A	0.7858962	0.5153362	0.8352246	-1.19725	0.9180676	0.9698396	-1.03111	0.6748528	1.12218	1.12218	0.9513737	1.01666	1.01666	0.2626912	0.72672	-1.37605	0.7402055	0.9153183	-1.09307	0.1827664	1.43089	1.43089	0.6912345	0.8977108	-1.11469	0.6554453	0.8846422	-1.1304	0.5613131	0.6799912	1.04867	1
cg25937790	CDGAP	0.7858997	0.590726	1.223111	1.223111	0.210596	1.63129	1.63129	0.8685637	1.06337	1.06337	0.5636755	0.8052895	-1.24578	0.9014472	1.04702	1.04702	0.80419	1.09653	1.09653	0.582759	2.8283	2.8283	0.1273535	1.71067	1.71067	0.6965551	0.8646889	-1.15649	0.5761	1.2557	1.93736	1
cg22770352	PEX12	0.7858996	0.88625	0.97561	-1.025	0.2808224	1.21334	1.21334	0.984484	0.9966551	-1.00336	0.4837676	0.8844771	-1.13062	0.3023303	1.20243	1.20243	0.3498601	1.18061	1.18061	0.642289	0.9224573	-1.08404	0.629089	0.9194667	-1.08759	0.6111303	1.0925	1.0925	0.7610651	0.2715511	0.4189554	1
cg16535250	CCDC58;FAM162A	0.7859047	0.9297115	0.9857097	-1.01441	0.6956	0.9626526	1.0025626	0.4446423	1.13347	1.13347	0.8443484	0.9687319	-1.03229	0.1365511	1.2941	1.2941	0.7626445	0.9144221	-1.09356	0.4126	0.8775611	-1.13946	0.6314585	0.9252427	-1.08079	0.6299577	1.08117	1.08117	0.7650959	0.2083183	0.3638857	1
cg24871691	PRMT8	0.7859049	0.9449078	0.9813228	-1.01903	0.3793337	1.27927	1.27927	0.4139323	1.25619	1.25619	0.580638	1.16461	1.16461	0.39096	1.2713	1.2713	0.8290883	1.06082	1.06082	0.2514654	0.7209461	-1.38707	0.9027454	0.9671674	-1.03395	0.4002029	1.26512	1.26512	0.5760057	0.6803398	1.04989	1
cg16184818	CAMK2;CAMKK2;CAMKK2;CAMKK2;CA MKK2;CAMKK2;CAMKK2	0.78598	0.6209053	0.9148125	-1.09311	0.2525126	1.23795	1.23795	0.233689	1.24657	1.24657	0.8955774	0.97682	-1.02373	0.624035	0.09223	1.09223	0.9553118	0.9900043	-1.01006	0.267298	1.22923	1.22923	0.9782387	1.01385	1.01385	0.458951	1.14416	1.14416	0.5761013	0.2909576	0.4490226	1
cg27264437	SMAP2	0.7859089	0.6731389	0.8629446	-1.15882	0.5512244	1.23321	1.23321	0.442284	1.31311	1.31311	0.120611	1.79559	1.79559	0.9630993	1.01622	1.01622	0.6017776	1.20089	1.20089	0.4994184	1.27302	1.27302	0.4072417	1.3428	1.3428	0.4389554	1.31583	1.31583	0.576	1.10283	1.70191	1
cg12456825	FBXO40	0.7859098	0.8774421	1.0960253	1.0960253	0.7308376	1.10934	1.10934	0.5244326	1.07252	1.07252	0.9609261	0.9864666	-1.01352	0.6152454	0.838585	-1.19239	0.8040445	1.09661	1.09661	0.9375585	1.02713	1.02713	0.9844423	1.9639	1.9639	0.5757515	1.22133	1.22133	0.75988	1.1407	1.76037	1
cg20706968	BSN	0.7860106	0.9412255	0.9570586	-1.04484	0.4914989	1.51566	1.51566	0.09558662	2.97306	2.97306	0.754971	0.8300006	-1.20481	0.71903	0.80264	-1.24589	0.8528116	1.11687	1.11687	0.396308	1.67693	1.67693	0.864812	1.10673	1.10673	0.9543055	1.03465	1.03465	0.5730963	3.23098	4.98641	1
cg26752657	CYRIB;CYRIB;CYR2;CYR2	0.7860396	0.209855	0.6111115	-1.63635	0.5912339	0.817075	-1.22388	0.2342651	0.6283161	-1.59144	0.8913511	0.950346	-1.05225	0.4647354	0.757851	-1.31952	0.4558265	0.7534094	-1.32715	0.2557474	0.6426771	-1.55599	0.3319911	0.6886694	-1.45202	0.5144403	0.781624	-1.27939	0.5759344	1.26665	1.95493	1
cg20716703	CACNA1A;CACNA1A	0.7860652	0.98141	0.9880116	-1.01213	0.749849	0.8474754	-1.18001	0.136176	2.29527	2.29527	0.720795	0.8307207	-1.20405	0.5125569	0.709179	-1.41008	0.4955133	0.698779	-1.43107	0.609449	1.30552	1.30552	0.747769	1.1817	1.1817	0.598042	0.759349	-1.31692	0.5591911	2.44209	3.76924	1
cg21555471	DNAJC17	0.7860684	0.978296	1.0198	1.0198	0.5514	0.7536666	-1.32637	0.6480606	1.16888	1.16888	0.6427555	0.9067	1.10677	0.2879	0.026474	1.026474	0.7744603	0.7275457	-1.3817	0.7676951	0.8628883	-1.15895	0.6519	1.16683	1.16683	0.8612286	0.8217376	-1.21747	0.575889	1.51449	1.73196	1
cg21135616	HDAC4	0.7860864	0.31808	1.76487	1.76487	0.774723	1.17112	1.17112	0.970909	1.02028	1.02028	0.30006	1.8061	1.8061	0.4910078	0.6803954	-1.46973	0.6445854	1.29137	1.29137	0.5344187	0.7312555	-1.42002	0.3494937	1.93988	1.93988	0.8132797	1.13951	1.13951	0.5758866	2.76375	4.26603	1
cg21854924	MIR510	0.7860886	0.7229604	1.3274595	1.3274595	0.768501	1.01565	1.01565	1.03319	0.8654266	0.8654266	0.8728	1.14574	1.14574	0.8996662	0.9312114	1.0931	0.3242491	1.5042	1.5042	0.2024747	0.4906572	2.38436	2.38436	0.1206316	1.0122	1.0122	0.9842358	1.40406	1.40406	0.1679716	0.9942358	1.41606	2.53885	3.563847	1
cg23718195	KCNJ12	0.7860887	0.3087284	0.5789118	-1.72736	0.8421194	1.1344	1.1344	0.532635	1.49159	1.49159	0.4915651	0.5907756	-1.69275	0.2597524	0.475305	2.10391	0.6926338	0.7777757	-1.28575	0.2114137	0.43716	-2.28749	0.9632223	0.0296	1.0296	0.9790157	0.01678	0.51678	0.575862	1.65033	5.63457	1
cg15217867	LOC400657	0.7860895	0.4003414	0.8240154	-1.21351	0.7214442	0.9226678	-1.0838	0.850829	1.04323	1.04323	0.1920559	0.7331447	-1.36398	0.6682378	0.907645	-1.10175	0.36283	1.23397	1.23397	0.3614443	0.8098672	-1.23476	0.6121661	0.8914331	-1.12179	0.7062442	0.9184406	-1.08884	0.5758551	0.4608443	0.7113662	1
cg17783031	SLC26A6;SLC26A6;SLC26A6	0.7861603	0.2896467	3.4516758	3.4516758	0.2252125	1.10514	1.10514	0.7539264	1.04984	1.04984	0.4405771	1.17022	1.17022	0.5003562	0.8546176	-1.17026	0.7995828	1.25051	1.25051	0.4096319	0.9356379	1.06855	1.06855	0.7970633	1.25688	1.25688	0.8498853	0.965582	1.03565	0.7259338	0.3314498	0.480884	1
cg18361975	EFNA5;MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;M	0.78611	0.703444	0.7509191	-1.33157	0.3731707	0.5042298	-1.98296	0.3606866	2.20787	2.20787	0.6098341	1.34957	1.34957	0.6455319	0.7485541	-1.79057	0.8639396	0.879534	-1.13697	0.381398	0.5105921	-1.95851	0.347934	0.485026	-2.06175	0.799525	1.2099	0.7529	0.51243	7.89189	1
cg03278980	BOAT7	0.7861636	0.7815322	0.8886593	-1.12537	0.7901109	1.12001	1.12001	0.4146031	1.42518	1.42518	0.62171	1.23528	1.23528	0.527722	0.7619889	-1.31236	0.7771644	0.8864344	-1.12811	0.1555983	0.5247431	-1.90569	0.5101127	1.32822	1.32822	0.8184413	1.10263	1.10263	0.5757993	1.646	2.54104	1
cg09175738	TCTN3;TCTN3	0.7861937	0.3347959	0.8368099	-1.19489	0.6479997	0.921102	-1.08575	0.9934929	1.00147	0.528621	1.12105	0.8128061	1.23025	1.25245	1.25245	0.7984	0.7130664	1.06835	1.06835	0.4115946	0.8630386	-1.16139	0.5447821	1.10355	1.11595	0.9851228	1.00334	1.00334	0.5757792	0.2921252	0.4540114	1
cg00265212	KDM5A;KDM5A;CCDC77;CCDC77;KDM 5A;CDC77;CCDC77;KDM5A	0.786154	0.8826129	1.02981	1.02981	0.123587	1.39325	1.39325	0.701397	0.9262256	-1.07962	0.4280333	0.8513867	-1.17456	0.89731	1.02601	1.02601	0.5536006	0.8876781	-1.12654	0.9037354	0.9762334	-1.02434	0.5715491	0.8925442	-1.1204	0.8040462	1.05067	1.05067	0.5757768	0.3605211	0.5565841	1
cg25971314	MI67A	0.7861668	0.9405905	1.01574	1.01574	0.203403	0.75482	-1.32482	0.297046	0.7973715	-1.25421	0.821704	0.9538114	-1.04843	0.424084	1.18727	1.18727	0.5507138	1.19482	1.19482	0.872339	0.96687	-1.03447	0.942404	0.9866098	-1.01348	0.4722119	0.8570993	-1.16551	0.5767348	0.4082253	0.617944	1
cg09461650	PDHB	0.7861671	0.92922	1.0770722	-1.03036	0.9328605	0.9722313	-1.02858	0.482289	1.2698	1.2698	0.3881088	0.7438814	-1.34428	0.2838162	0.8280207	-1.20748	0.7343491	1.3385	1.3385	0.2880543	0.9504946	-1.05158	0.320112	1.41004	1.41004	0.9900852	1.0959839	-1.00418	0.5757443	1.020097	1.57402	1
cg25368212	SSX1	0.7861731	0.928645	0.9795044	-1.02088	0.758205	1.073665	1.073665	0.915426	1.02482	1.02482	0.71635	0.9193245	-1.08785	0.3221291	1.2662	1.2662	0.2035661	1.36299	1.36299	0.355503	1.24523	1.24523	0.431328	0.8308826	-1.20362	0.642998	1.13173	1.13173	0.5757474	0.4855545	0.749635	1
cg23023870	C5orf42	0.7861956	0.9152752	1.0919552	1.0919552	0.5753666	1.13377	1.13377	0.6480606	1.16888	1.16888	0.6427555	0.9067	1.10677	0.2879	0.026474	1.026474	0.7744603	0.7275457	1.3817	0.7676951	0.8628883	-1.15895	0.6519	1.16683	1.16683	0.8612286	0.8217376	-1.21747	0.575889	1.51449	1.73196	1
cg13340830	MF2;MFI2	0.786222	0.7855668	1.07856	1.07856	0.2750248	1.37016	1.37016	0.235821	1.41132	1.41132	0.53534	1.19016	1.19016	0.8231153	1.06404	1.06404	0.2702285	1.37483	1.37483	0.269491	1.37562	1.37562	0.58836	1.16362	1.16362	0.7465064	0.9133979	-1.09412	0.5756474	0.7012	1.08271	1
cg07123903	FAM50A	0.7862221	0.449927	0.9113895	-1.09698	0.8984007	0.6408007	-1.56072	0.1849342	0.8728	0.8728	0.2496021	0.5144774	-1.21349	0.296021	1.91989	1.91989	0.2619996	0.5170706	0.6370066	0.2778966	0.2478953	0.5170706	0.6370066	0.2778966	0.2478953	-1.40534	0.1789554

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1113 vs. N)	Fold-Change(1113 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg08757347	WDR37		0.787302		0.959393	0.992336	-1.00772	0.629581	1.07	1.07	0.606676	1.05605	1.05605	0.662429	0.940674	-1.06307	0.501374	1.09967	1.09967		0.442034	1.11532	1.11532	0.676585	0.943323	-1.06008	0.934311	1.21067	1.21067	0.234481	1.18947	1.18947	0.574149	0.176261	0.272884	
cg16638571	TPD52;TPD52		0.787314		0.393826	0.505622	-1.97776	0.308665	2.27657	2.27657	0.68312	1.37776	1.37776	0.857199	1.151	1.151	0.869268	1.13725	1.13725		0.430172	0.533264	-1.87524	0.280472	0.416474	-2.40111	0.693927	1.36181	1.36181	0.652561	1.42454	1.42454	0.574132	0.54337	0.58241	1
cg26756479	RPRD2		0.787323		0.734717	1.08742	1.08742	0.198661	1.39752	1.39752	0.528544	0.854421	-1.17038	0.613804	0.882154	-1.13359	0.540634	0.858442	-1.1649		0.466482	1.20033	1.20033	0.54318	0.859293	-1.16375	0.586047	0.873284	-1.1451	0.679034	0.902554	-1.10797	0.574119	0.552074	0.854756	1
cg01201348	DPY19L1		0.790243		0.869392	-1.15027	0.46835	1.47334	1.47334	1.47334	0.526392	1.40088	1.40088	0.931782	1.04599	1.04599	0.427477	0.653457	-1.53028		0.563959	1.35838	1.35838	0.873309	1.08741	1.08741	0.361521	1.6365	1.6365	0.171212	2.14914	2.14914	0.574083	2.50738	3.88233	1
cg06430129	TNRC6A		0.787349		0.658167	0.728326	-1.37301	0.765234	0.807992	-1.23764	0.855686	1.13838	1.13838	0.531376	1.57047	1.57047	0.267287	0.439217	-2.27678		0.802522	0.836611	-1.1953	0.263959	1.9986	1.9986	0.837694	1.15723	1.15723	0.574083	0.60836	0.73541	1
cg06930125	B4GALT7		0.787352		0.731642	0.79345	-1.26032	0.238676	1.36656	1.36656	0.865998	1.04367	1.04367	0.431217	0.816035	-1.22544	0.501167	1.1886	1.1886		0.712174	0.910487	-1.09831	0.444673	0.821042	-1.21796	0.970934	1.00026	1.00026	0.717872	1.09617	1.09617	0.574063	0.582233	0.901539	1
cg03015136	RGS2		0.787377		0.681483	1.10569	1.10569	0.27792	1.31612	1.31612	?	?	?	0.800115	1.06372	1.06372	0.439566	1.21157	1.21157		0.542636	1.16188	1.16188	0.899917	1.03111	1.03111	0.271514	0.756782	-1.32138	0.723136	0.917044	-1.09046	0.556752	0.464559	0.834408	1
cg14607755	C9orf140		0.787381		0.906316	0.994098	-1.00591	0.781102	1.71979	1.71979	0.62238	1.2928	1.2928	0.854357	0.993515	-1.00972	0.928957	0.954914	-1.04721		0.574094	1.1415	1.1415	0.178408	1.09527	1.09527	0.231787	1.19494	1.19494	0.552617	1.36451	1.36451	0.574038	2.4333	3.76793	1
cg26219977	PABPC4;PABPC4;PABPC4		0.787389		0.731355	0.637931	-1.56757	0.791685	1.10951	1.10951	0.935958	0.968945	-1.03205	0.265582	0.634827	-1.57523	0.197582	0.585865	-1.70688		0.933055	0.967557	-1.03353	0.611088	1.22302	1.22302	0.700033	0.859009	-1.16413	0.958796	1.02049	1.02049	0.574026	1.40104	2.16953	1
cg15081740	IGSF21		0.787397		0.315586	0.646051	-1.54787	0.318753	0.648018	-1.54317	0.876177	0.936458	-1.06785	0.822117	1.09945	1.09945	0.459679	0.728367	-1.37293		0.458348	0.727657	-1.37427	0.526046	0.762999	-1.31062	0.163469	0.534643	-1.87041	0.845806	1.08543	1.08543	0.574016	1.61149	2.49547	1
cg25244609	CDL14A1		0.787423		0.439928	0.60884	-1.64268	0.412499	0.731622	-1.36703	0.729449	0.723954	-1.38153	0.421069	0.722443	-1.38402	0.723156	0.723853	-1.38157		0.458571	0.741604	-1.34843	0.230419	0.632983	-1.57916	0.572546	0.744055	-1.34357	0.550112	1.44055	1.44055	0.573979	3.3132	5.13096	1
cg16525838	ANKRD11		0.787434		0.819159	0.917708	-1.08967	0.740688	1.13267	1.13267	0.379071	0.710208	-1.40844	0.761693	0.892186	-1.12084	0.423689	1.35979	1.35979		0.914571	0.741604	-1.34843	0.230419	1.1942	1.1942	0.830664	0.922834	-1.08362	0.570407	1.24302	1.24302	1.69492	1
cg04915666	FBXL2;FBX2		0.787458		0.284702	0.797661	-1.2836	0.153006	1.16071	1.16071	0.697305	1.093	1.093	0.820723	0.950283	-1.05232	0.281086	0.777472	-1.28622		0.91201	1.0255	1.0255	0.857009	1.04135	1.04135	0.941955	0.813643	-1.23207	0.983507	0.818106	-1.22254	0.573929	0.643805	0.715589	1
cg24806503	CNOT4;CNOT4;CNOT4;CNOT4 /// KIAA1026;KIAA1026;KIAA1026;KIAA1026		0.787461		0.753498	0.953804	-1.04833	0.360265	1.51134	1.51134	0.643281	1.15752	1.15752	0.693617	0.964061	-1.06112	0.506156	0.903869	-1.10636		0.446945	0.890348	-1.12316	0.438067	1.12582	1.12582	0.412865	1.13864	1.13864	0.984281	1.00296	1.00296	0.573925	0.204059	0.316045	1
cg03388465	IL6ST;KIAA1026		0.787483		0.511749	0.629708	-1.58804	0.267145	2.23323	2.23323	0.755933	1.24197	1.24197	0.459737	0.59266	-1.68731	0.401572	0.553262	-1.80746		0.433393	0.573731	-1.74298	0.590292	0.685392	-1.45902	0.550673	1.52138	1.52138	0.769139	0.815016	-1.22697	0.573893	4.39031	6.80003	1
cg18969411	HCG11		0.787485		0.940128	1.02277	1.02277	0.713797	0.895459	-1.11675	0.47767	1.24161	1.24161	0.232748	1.45512	1.45512	0.575231	1.18496	1.18496		0.666135	1.13896	1.13896	0.556683	0.836778	-1.19506	0.236501	1.45035	1.45035	0.412953	1.28519	1.28519	0.573891	0.816696	1.26497	1
cg25682559	FHOD3		0.787512		0.804323	0.79473	-1.27434	0.865246	1.04248	1.04248	0.96442	0.957475	-1.04441	0.328239	2.7107	2.7107	?	?	?		0.633449	1.60322	1.60322	0.0139	2.27681	2.27681	0.321673	-1.03875	0.572121	1.75031	1.75031	0.529659	0.59324	0.59686	1
cg26152649	C8orf42		0.787528		0.912542	1.04728	1.04728	0.888246	1.0609	1.0609	0.728873	0.863897	-1.15755	0.494566	1.33861	1.33861	0.248183	0.601965	-1.66123		0.356928	1.48938	1.48938	0.256776	1.64484	1.64484	0.68179	1.18926	1.18926	0.95822	0.978215	-1.02227	0.573831	1.60652	2.48857	1
cg18270820	DAB1		0.787557		0.719878	1.09971	1.09971	0.416132	1.24527	1.24527	0.238505	1.3852	1.3852	0.488194	1.20427	1.20427	0.753882	0.92034	-1.08655		0.988132	1.00393	1.00393	0.296068	1.33029	1.33029	0.54088	0.849265	-1.17749	0.591033	0.866608	-1.15392	0.573789	0.633051	0.980693	1
cg08883955	RSL1D1		0.787561		0.912886	0.98324	-1.01739	0.731027	1.09737	1.09737	0.231452	1.24997	1.24997	0.687459	0.992976	-1.00729	0.827249	1.00947	1.00947		0.865297	0.971295	-1.02955	0.549654	0.901368	-1.10942	0.905959	1.1888	1.1888	0.309647	1.19764	1.19764	0.573741	0.414266	1	
cg01953797	GPHBP1		0.787567		0.829402	0.924575	-1.08158	0.852197	1.07013	1.07013	0.605978	0.827702	-1.20816	0.589125	0.820229	-1.21917	0.455695	0.758725	-1.318		0.458675	1.31701	1.31701	0.388989	0.725533	-1.3783	0.148538	0.569404	-1.75622	0.579238	0.815822	-1.22576	0.573775	1.20025	1.85942	1
cg18161252	SLC27A3		0.787573		0.638735	0.804774	-1.24302	0.413875	0.847893	1.18004	0.659753	0.872784	-1.14594	0.422779	0.850268	-1.17612	0.422443	0.850363	-1.17612		0.284638	2.40505	2.40505	0.0139	0.882034	-1.13374	0.678433	0.645516	-1.55011	0.989688	1.01056	1.01056	0.573733	0.498304	0.70961	1
cg07942687	C16orf91		0.787615		0.307467	0.551704	-1.81257	0.358218	1.70123	1.70123	0.811944	0.875019	-1.14283	0.485462	1.48869	1.48869	0.588049	0.735865	-1.35895		0.886435	0.923086	-1.08332	0.624389	0.758294	-1.31875	0.637206	0.766194	-1.30515	0.292716	0.540781	-1.84918	0.570146	2.77215	3.78169	1
cg17486213	TSPAN33		0.787618		0.978265	1.00617	1.00617	0.927855	0.976765	-1.02065	0.798841	1.05934	1.05934	0.975233	0.993017	-1.00703	0.595504	0.886081	-1.12856		0.531748	0.866768	-1.15371	0.296649	0.783284	-1.27668	0.254635	1.308	1.308	0.328532	1.25564	1.25564	0.573704	0.462988	0.717347	1
cg08974492	C6orf127		0.787631		0.267481	0.775852	-1.27946	0.349177	1.52697	1.52697	0.356883	0.607081	-1.64723	0.831781	0.889179	-1.12463	0.323114	1.11442	1.11442		0.4155	1.48095	1.48095	0.0949248	0.910413	-1.09849	0.805566	1.1234	1.1234	0.627818	1.2594	1.2594	0.573685	2.02064	3.13396	1
cg23579900	CXXC5		0.787635		0.996149	0.997679	-1.00233	0.558832	0.74779	-1.33727	0.442161	1.45847	1.45847	0.565881	1.33127	1.33127	0.331351	0.617145	-1.62037		0.549547	0.747072	-1.33856	0.321646	0.610748	-1.63734	0.51119	0.725494	-1.37837	0.545445	1.34268	1.34268	0.57568	2.10706	3.26478	1
cg11093142	RCBTB2		0.787643		0.66239	1.41828	1.41828	0.723452	1.33636	1.33636	0.718345	1.12636	1.12636	0.870548	0.485302	-2.06057	0.401882	0.512872	-1.95083		0.451609	1.83973	1.83973	0.460228	0.550087	-1.81799	0.564668	0.710588	-1.40691	0.578468	1.36235	1.36235	0.573686	5.74075	8.8952	1
cg26911140	RPL9;RPL9;RPL9		0.787646		0.75823	0.923142	-1.08326	0.201467	1.41823	1.41823	0.642916	1.12855	1.12855	0.563977	1.16337	1.16337	0.492946	1.19765	1.19765		0.677573	1.14139	1.14139	0.429707	0.801557	-1.2322	0.771361	0.927303	-1.0784	0.423049	1.32035	1.32035	0.573664	0.609576	0.944535	1
cg26721908	LSLL;LSLL;LSLL;LSS		0.787665		0.565137	0.78024	-1.28166	0.879154	1.07126	1.07126	0.354498	0.665978	-1.50155	0.950335	0.973768	-1.02694	0.858656	1.07904	1.07904		0.524597	1.31675	1.31675	0.879615	1.06682	1.06682	0.407958	0.696836	-1.41506	0.152318	0.519793	-1.92384	0.573658	1.65459	2.5638	1
cg01997410	NHSL2;NEAG4		0.787671		0.565829	0.748996	-1.33566	0.22022	0.87166	1.14693	0.560169	1.05051	1.05051	0.870134	0.915452	-1.09263	0.244063	0.744707	-1.34283		0.549153	0.43479	-2.29996	0.0139	0.752267	-1.32909	0.512267	2.49243	2.49243	0.845367	1.30776	1.30776	0.573657	17.1554	26.5826	1
cg23087130	AB1;AB1;AB1;AB1		0.787676		0.298981	1.51878	1.51878	0.784324	0.898972	-1.11238	0.341523	0.683531	-1.46299	0.967085	1.0063	1.0063	0.840883	1.08116	1.08116		0.45973	1.33939	1.33939	0.331762	1.47385	1.47385	0.441453	0.737331	-1.35624	0.879537	1.06064	1.06064	0.573621	1.36917	2.12168	1
cg01258587	REC8		0.787694		0.908054	1.02994	1.02994	0.872482	1.18334	1.18334	0.184553	1.31745	1.31745	0.479274	0.9861	1.07591	0.600188	0.894394	1.08041		0.704396	1.00721	1.00721	0.963254	1.07382	1.07382	0.637725	0.9861	1.07591	0.600188	0.894394	1.08041	0.573594	0.740894	1.14669	1
cg19473068	RASGEF1C		0.787722		0.942624	1.0538	1.0538	0.447225	0.568004	-1.76055	?	?	?	0.35097	2.01774	2.01774	0.797243	0.829028	1.20623		0.503744	0.609514	-1.64065	0.825949	0.851822	-1.17395	0.656091	0.721348	-1.38629	0.268009	1.32864	1.32864	0.553184	4.04097	6.39181	1
cg17285911	HDAC4		0.787739		0.582843	0.762241	-1.31191	0.38678	1.54374	1.54374	0.172869	2.03389	2.03389	0.854751	1.09381	1.09381	0.899219	0.91987	-1.06398		0.692446	1.21479	1.21479	0.519864	1.37615	1.37615	0.633126	1.26537	1.26537	0.425024	0.671177	-1.48992	0.573532	2.17589	3.3723	1
cg00143220	PACS2		0.787746		0.264482	0.719827	-1.38944	0.149734	0.660739	-1.51407	0.077934	0.726069	-1.44175	0.17969	0.726069	-1.37429	0.12521	0.726069	-1.37429		0.484643	0.945651	-1.05762	0.844165	0.883831	-1.13137	0.807614	0.883831	-1.13137	0.807614	0.854135	1.05526	1.05526	0.573523	0.774758	1.20078	1
cg22128328	PTPN2;PTPN2;PTPN2		0.787793		0.574362	0.781968	-1.27882	0.93268	1.0373	1.0373	0.781297	0.88637	-1.1282	0.427586	0.703955	-1.42055	0.86517	1.07643	1.07643		0.176129	0.536154	-1.86514	0.277903	1.63072	1.63072	0.71541	0.853264	-1.17197	0.725468	0.858301	-1.16509	0.573456	1.70596	2.64432	1
cg06834689	PACRG;PACRG;PACRG		0.787805		0.841491	0.95683	-1.04478	0.732426	1.16326	1.16326	0.82626	1.26026	1.26026	0.822707	1.16391	1.16391	0.960374	0.958795	-1.04295		0.844582	1.01621	1.01621	0.909021	1.04522	1.04522	0.844665	1.13137	1.13137	0.853308	1.05265	1.05265	0.573439	0.688269	1.06689	1
cg08719577	MEGF6		0.787811		0.879743	1.03527	1.03527	0.828863	0.951643	-1.05081	0.827063	0.951137	-1.05137	0.469267	0.844865	-1.18362	0.305664	0.784385	1.27488		0.775512	1.39075	1.39075	0.61004	0.888897	-1.12499	0.560029	0.873772	-1.14446	0.864652	1.03984	1.03984	0.573431	0.476122	0.738048	1
cg18313170	ZNF337		0.787833		0.832988	0.915202	-1.09265	0.509149	1.32448	1.32448	0.653707	1.20864	1.20864	0.642018	1.21708	1.21708	0.976228	1.01258	1.01258		0.765122	0.881854	-1.13397	0.639845	1.21867	1.21867	0.934771	0.966234	-1.03495	0.105309	0.475875	-2.10139	0.573404	1.59914	2.47898	1
cg08570635	RAB1A;RAB1A		0.787837		0.906763	1.05683	1.05683	0.419288	1.33626	1.33626	0.826026	1.26026	1.26026	0.822707	1.16391	1.16391	0.960374	0.958795	-1.04295		0.844582	1.01621	1.01621	0.909021	1.04522	1.04522	0.844665	1.13137	1.13137	0.853308	1.05265	1.05265	0.573439	0.688269	1.06689	1
cg08719577	MEGF6		0.787841		0.879743	1.03527	1.03527	0.828863	0.951643	-1.05081	0.827063	0.951137	-1.05137	0.469267	0.844865	-1.18362	0.305664	0.784385	1.27488		0.775512	1.39075	1.39075	0.61004	0.888897	-1.12499	0.560029	0.873772	-1.14446	0.864652	1.03984	1.03984	0.573431	0.476122	0.738048	1
cg18313170	ZNF337		0.787843		0.832988	0.915202	-1.09265	0.509149	1.32448	1.32448	0.653707	1.20864	1.20864	0.642018	1.21708	1.21708	0.976228	1.01258	1.01258		0.765122	0.881854	-1.13397	0.639845	1.21867	1.21867	0.934771	0.966234	-1.03495	0.105309	0.475875	-2.10139	0.573404	1.59914	2.47898	1
cg03570635	RAB1A;RAB1A		0.787870		0.906763	1.05683	1.05683	0.419288	1.33626	1.33626	0.826026	1.26026	1.26026	0.822707	1.16391	1.16391	0.960374	0.958795	-1.04295		0.844582	1.01621	1.01621	0.909021	1.04522	1.04522	0.844665	1.13137	1.13137	0.853308	1.05265	1.05265	0.573439	0.688269	1.06689	1
cg08785977	MEGF6		0.787871		0.879743	1.03527	1.03527	0.828863	0.951643	-1.05081	0.827063	0.951137	-1.05137	0.469267	0.844865	-1.18362	0.305664	0.784385	1.27488		0.775512	1.39075	1.39075	0.61004	0.888897	-1.12499	0.560029	0.873772	-1.14446	0.864652	1.03984	1.03984	0.573431	0.476122	0.738048	1
cg18313170	ZNF337		0.787883		0.832988	0.915202	-1.09265	0.509149	1.32448	1.32448	0.653707	1.20864	1.20864	0.642018	1.21708	1.21708	0.976228	1.01258	1.01258		0.765122	0.881854	-1.13397	0.639845	1.21867	1.21867	0.934771	0.966234	-1.03495	0.105309	0.475875	-2.10139	0.573404	1.59914	2.47898	1
cg03570635	RAB1A;RAB1A		0.787906		0.906763	1.05683	1.05683	0.419288	1.33626	1.33626	0.826026	1.26026	1.26026	0.822707	1.16391	1.16391	0.960374	0.958795	-1.04295		0.844582	1.01621	1.01621	0.909021	1.04522	1.04522	0.844665	1.13137	1.13137	0.853308	1.05265	1.05265	0.573439	0.688269	1.06689	1
cg06085011	GSX2		0.787881		0.171806	0.547029	-1.82806	0.936526	0.967508	-1.03358	0.303873	0.642992	-1.55523	0.604653	0.805252	-1.24185	0.240326	0.600522	-1.66522		0.836739	1.08934	1.08934	0.363694	0.679	-1.47275	0.830073	0.914726	-1.09132	0.683207	0.842962	-1.18629	0.573394	1.56173	2.4213	1
cg04301719	AEN;AEN		0.787901		0.910408	1.04402	1.04402	0.714437	1.34497	1.34497	0.85622	0.955422	-1.04697	0.634987	0.93948	-1.06448	0.838509	1.04992	1.04992		0.607816	0.992709	1.00729	0.978069	0.972153	-1.0294	0.883791	1.2569	1.2569	0.0139	1.75127	1.75127	0.948791	1.2569	1.76576	1
cg16464506	CNBD1		0.787921		0.818063	0.599802	-1.66722	0.867548	0.941749	-1.06185	0.701204	0.870555	-1.14869	0.617567	0.834435	-1.19842	0.581992	0.818807	-1.22129		0.630808	0.839855	-1.19068	0.273535	1.50639	1.50639	0.824914	1.08293	1.08293	0.500399	0.781967	-1.27883	0.573276	1.17386	1.82012	1
cg23032045	HFM1		0.787942		0.816237	0.954982	-1.04753	0.848432	1.06691	1.06691	0.466197	1.0496	1.0496	0.708622	0.926292	-1.07957	0.603464	0.799135	-1.25107		0.580567	0.852015	-1.17305	0.440369	0.838762	-1.19232	0.686327	1.08385	1.08385	0.573437	0.675153	0.553747	1	
cg05508296	NID2		0.787944		0.777839	0.767467	-1.30295	0.117596	0.203871	-4.90507	0.607047	0.669708	-1.49319	0.744446	0.91645	-1.09234	0.736737	0.829722	-1.32709		0.527584	0.54939	-1.82064	0.326989	0.440613	-2.22404	0.581093	1.52625	1.52625	0.573244	0.59438	1.4835	1	
cg16056716	SLC12A7		0.787962		0.448751	0.760211	-1.31542	0.437259	0.754701	-1.32503	0.90263	0.957465	-1.04443	0.434838	0.753533	-1.32708	0.209979	0.6255	-1.59872		0.803019	0.915062	-1.09282	0.357657	1.39928	1.39928	0.712329	1.14057	1.14057	0.641863	0.846753	-1.18098	0.573219	1.14506	1.77564	1
cg14654471	NPHP4		0.787969		0.448751	0.760211	-1.31542	0.437259	0.754701	-1.32503	0.90263	0.957465	-1.04443	0.434838	0.753533	-1.32708	0.209979	0.6255	-1.59872		0.803019	0.915062	-1.09282	0.357657	1.39928	1.39928	0.712329	1.14057	1.14057	0.641863	0.846753	-1.18098	0.573219	1.14506	1.77564	1
cg00103984	DHX29;SKIV2L2;SKIV2L2		0.787972		0.908608	1.02927	1.02927	0.449439	1.21368	1.21368	0.50062	0.843024	-1.18621	0.69186	1.10451	1.10451	0.26005	0.712539	1.39813		0.850035	0.953555	-1.04871	0.840324	0.950577	-1.05199	0.312725	1.3	1.3	0.658925	1.11808	1.11808	0.573204	0.5731	0.888728	1
cg08552819	PLEKHG2		0.787978		0.910321	0.9353	-1.06958	0.218525	0.74119	-1.34917	0.276193	0.816571	-1.22471	0.331684	0.815685	-1.22956	0.354728	0.569034	-1.75724		0.369771	0.795676	-1.2564	0.709609	0.795495	-1.25708	0.72198	1.23572	1.23572	0.775448	1.18363	1.18363	0.573195	3.2436	4.9377	1
cg06709297	C2orf48		0.787990		0.717594	0.75046	-1.41524	0.931807	1.04804	1.04804	0.647102	0.925202	-1.08084	0.855625	0.930595	-1.07458	0.428196	0.841819	-1.15807		0.771228	1.17333	1.17333	0.216094	0.489834	-2.04151	0.143153	0.422043	-2.36943	0.985819	0.990303	-1.00979	0.573166	7.23844	9.42317	1
cg12443444	POFUT2;POFUT2;LOC642852;POFUT2		0.788		?	?	?	0.499559	0.455977	-2.19309	0.926085	0.900056	-1.11104	?	?	?	0.567444	1.93556	1.93556		0.588465	1.86582	1.86582	0.358596	2.97703	2.97703	0.67497	0.524929	-1.90502	?	?	?	0.500508	0.24335	10.395	1
cg00087195	MTRR;MTRR;FASTKD3;MTRR		0.788014		0.61263	2.09558	2.09558	0.370356	3.82551	3.82551	0.42824	3.24504	3.24504	0.944349	1.10612	1.10612	0.99168	0.98505	-1.01518		0.388959	0.276158	-3.62111	?	?	?	0.503204	10.5601	20.9857	1
cg13993034	NR4A1;NR4A1		0.788015		0.689009	0.902311	-1.10827	0.562349	0.860983	-1.16146	0.981055	1.06609	1.06609	0.387581	1.25395	1.25395	0.462568	0.826063	-1.21056		0.184911	1.43232	1.43232	0.642348	1.12694	1.12694	0.787958	1.07131	1.07131	0.601063	0.873882	-1.14432	0.573143	0.592704	0.819227	1
ch.2.6353638	ASXL2		0.788017		0.178805	0.588031	-1.70059	0.688592	0.86091	-1.16156	0.494537	0.772691	-1.29418	0.168364	0.579441	-1.7258	0.768152	1.11616	1.11616		0.954144	0.978849	-1.02161	0.477017	0.764301	-1.30839	0.938214	0.971591	-1.02924	0.924747	1.03575	1.03575	0.573141	1.25448	1.94558	1
cg08588635	SLC25A23		0.788038		?	?	?	0.413408	1.58439	1.58439	0.721626	1.21761	1.21761	0.91276	1.04754	1.04754	0.297397	1.8122	1.8122		0.531653	1.41721	1.41721	0.193889	2.13083	2.13083	?	?	?	0.502627	1.45417	1.45417	0.534434	1.99406	4.26418	1
cg05010958	APOE		0.788056		0.471546	1.77609	1.77609	0.276792	1.58211	1.58211	0.424727	1.89534	1.89534	0.99387	1.00604	1.00604	0.377107	0.98459	-1.01569		0.238553	2.63225	2.63225	0.0139	1.58373	1.58373	0.773252	1.25431	1.25431	0.746794	0.775574	-1.28973	0.573081	0.58359	0.86055	1
cg02664222	FER116		0.788063		0.490271	0.483127	-2.06985	0.271467	0.304695	-3.28197	0.394379	0.404294	-2.47345	0.227455	0.268392	-3.72589	0.363071	0.378933	-2.63899		0.451559	0.451019	-2.2172	0.282968	0.314076	-3.18394	0.366003	0.381304	-2.62258	0.411973	0.418602	-2.38881	0.573076	0.78133	15.1717	1
cg09527438	TNPO1;LOC286016		0.788078		0.857946

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	
cg21183329	LHX6;LHX6	0.788997	0.971707	1.026949	0.122549	1.182622	0.366515	-2.7284	0.193395	0.376734	-2.65439	0.759514	0.8042207	-1.24634	0.408748	0.54902	-1.82143	0.535427	0.640571	-1.56111	0.318735	0.481282	-2.07779	0.845132	0.870414	-1.14888	0.506287	0.619369	-1.61376	0.571758	4.56061	7.0002	1
cg18411307	EPDR1	0.789007	0.799812	0.830954	-1.20344	1.128065	3.31649	3.316491	0.234111	2.48179	2.481792	0.82402	1.20044	1.200442	0.822807	1.17757	1.17757	0.907994	1.0879	1.0879	0.701403	1.324143	1.32413	0.776686	1.23027	1.23027	0.591335	0.673696	-1.48435	0.571743	4.80894	7.47646	1
cg00013809	PTPRN2;PTPRN2;PTPRN2	0.78901	0.409003	0.763136	-1.31038	0.432158	0.77366	-1.29256	0.936399	0.974776	-1.02588	0.945824	0.978481	-1.02199	0.366456	0.743033	-1.34583	0.495687	0.801358	-1.24788	0.195896	1.54933	1.54933	0.953592	1.01881	1.01881	0.864248	0.946695	-1.05631	0.571474	0.927911	1.44263	1
cg01620849	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.789016	0.520985	0.527259	-1.8966	0.899432	0.883033	-1.13246	0.952678	1.06013	1.06013	0.242917	0.300518	-3.32758	0.838977	0.818587	-1.22162	0.115562	0.185801	-5.3821	0.613034	0.605467	-1.65162	0.984508	1.01929	1.01929	0.761394	1.34936	1.34936	0.571731	8.76475	13.6269	1
cg13484467	METRNL	0.789019	0.750562	0.90169	-1.10903	0.303672	0.145111	1.415511	0.807839	0.923981	-1.08227	0.408201	0.759962	-1.31586	0.389877	0.751344	-1.33095	0.693249	0.879295	-1.13727	0.496143	0.799144	-1.25134	0.418095	1.30797	1.30797	0.487193	0.795294	-1.2574	0.571726	0.953298	1.48214	1
cg04916200	RICB8	0.789024	0.576576	1.193111	1.193111	0.456015	0.792208	-1.16215	0.789019	0.916637	-1.09093	0.574244	0.861665	-1.16025	0.788519	0.966168	-1.03507	-1.08739	0.473424	2.6563	0.92091	1.12096	1.12096	0.900748	1.03041	1.03041	0.734532	1.39952	1.39952	0.684456	1.13655	1.13655	0.231686	1.48142	1.48142	0.571719	0.888706	1.38173	1
cg22207733	CYB561;CYB561	0.789039	0.414625	1.30597	1.30597	0.471882	0.79116	-1.26397	0.286819	1.42484	1.42484	0.678381	0.875039	-1.14281	0.820489	0.929827	-1.07547	0.33334	1.37635	1.37635	0.447637	0.780558	-1.28113	0.775145	0.912397	-1.09601	0.947787	0.979254	-1.02119	0.571699	0.927836	1.44262	1
cg22739542	GSTM2;GSTM2	0.789057	0.494413	1.158567	1.158567	0.46206	0.24533	-2.1231	0.063903	0.426938	-2.34226	0.463112	0.612223	-1.63455	0.83651	0.883584	-1.13708	0.662853	0.691985	-1.44596	0.641348	0.532906	1.87625	1.87625	1.27124	1.27124	0.620482	1.32035	1.32035	0.571673	6.73802	9.69172	1
cg02725069	ADAM19	0.789064	0.453025	1.2152	1.2152	0.155806	0.678964	-1.47283	0.671181	1.11503	1.11503	0.849915	0.961983	-1.03117	0.949915	1.06155	1.01615	0.962087	1.01219	1.01219	0.683188	1.11029	1.11029	0.313656	0.766759	1.03037	0.949355	1.04033	1.04033	0.571663	0.588588	0.915206	1
cg14921533	C18orf1;C18orf1	0.789073	0.226101	0.789074	-1.26586	0.879652	1.02947	1.029471	0.717173	0.931049	-1.07437	0.975663	0.994357	-1.00657	0.329184	0.829623	-1.20537	0.38015	1.18173	1.18173	0.626088	0.912049	1.09535	0.676009	1.08082	1.08082	0.41867	0.853994	1.41664	0.575652	0.311463	0.484008	1
cg12983442	ZNF552;ZNF552	0.789075	0.887409	1.05179	1.05179	0.787969	0.908317	-1.10094	0.392021	0.73138	-1.36728	0.485513	0.728357	1.28757	0.207773	1.60612	1.60612	0.399356	1.36039	1.36039	0.570438	0.815011	-1.22698	0.889532	0.951634	-1.05082	0.590818	1.21363	1.21363	0.571648	1.15208	1.79144	1
cg12237272	AKT1S1;AKT1S1;AKT1S1	0.789089	0.328856	0.724228	-1.38078	0.243691	0.673483	-1.47418	0.644013	1.16064	1.16064	0.912007	0.965227	-1.03603	0.474179	0.792125	-1.26243	0.834578	1.06924	1.06924	0.662943	0.871461	-1.1475	0.75773	1.10413	1.10413	0.352565	1.35835	1.35835	0.571629	0.928002	1.44305	1
cg05845626	DNAJC16	0.789093	0.753074	0.804078	-1.2432	0.854705	0.889571	-1.12363	0.692912	0.776934	-1.28711	0.823516	1.15297	1.152297	0.322102	1.9164	1.9164	0.332375	1.88874	1.88874	0.206027	2.33559	2.33559	?	?	?	0.802399	1.17286	1.17286	0.554302	1.31558	0.62089	1
cg11890641	UNC84A;UNC84A	0.789097	0.395195	1.34752	1.34752	0.804864	1.08848	1.08848	0.804778	1.08853	1.08853	0.304400	1.43952	1.43952	0.157168	1.679	1.679	0.293574	1.45234	1.45234	0.374562	1.3664	1.3664	0.944498	1.02413	1.02413	0.961565	0.98346	-1.01682	0.571617	1.06213	1.65165	1
cg13227691	TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.789106	0.617621	0.895804	-1.11632	0.726854	0.197068	1.07968	0.505603	0.862714	-1.15913	0.363596	1.22645	1.226445	0.298349	0.822694	-1.21552	0.779002	0.940349	-1.06343	0.377639	0.820445	-1.21885	0.666567	1.0994	1.0994	0.387252	1.21379	1.21379	0.571603	0.432689	0.672866	1
cg17568035	FLOT2;DHRS13	0.789111	0.579535	1.2415	1.2415	0.986247	0.99336	-1.00668	0.421262	1.37377	1.37377	0.610276	1.21979	1.21979	0.195102	1.69841	1.69841	0.982098	1.00871	1.00871	0.559511	0.79605	-1.2562	0.773729	0.894564	-1.11786	0.239597	1.60959	1.60959	0.571598	1.35247	2.10322	1
cg00754777	RFX1	0.789117	0.921481	1.2415	1.2415	0.949521	1.22789	1.227893	0.320653	1.24339	1.24339	0.450643	1.17724	1.177244	0.532772	1.54954	1.54954	0.255165	1.28686	1.28686	0.322052	1.24255	1.24255	0.632884	0.902882	-1.10757	0.815598	0.951616	-1.05084	0.571589	0.407986	0.634467	1
cg10759804	LDLRAP1	0.789117	0.317334	0.560867	-1.78296	0.548324	1.40468	1.40468	0.380133	1.65476	1.65476	0.751167	0.836965	-1.19479	0.493553	0.677732	-1.47551	0.953148	1.03342	1.03342	0.423973	1.57907	1.57907	0.592969	1.35236	1.35236	?	?	?	0.554267	2.44211	4.40602	1
cg05158439	ACTA2;FAS;FAS;FAS;FAS;FAS;FAS;FAS;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC1	0.789129	0.671279	1.23574	1.23574	0.793243	0.87788	-1.11911	0.376788	1.56785	1.56785	0.661366	1.24428	1.24428	0.166902	2.0765	2.0765	0.329765	1.64657	1.64657	0.532962	0.731159	-1.36769	0.833136	0.900676	-1.11028	0.987668	0.992366	-1.00769	0.571572	2.22563	3.46123	1
cg26321476	6;ZDHHC16;ZDHHC16;ZDHHC16;ZDHHC1	0.78913	0.687331	1.08757	1.08757	0.679989	0.917548	-1.08986	0.229762	0.769945	-1.29879	0.929712	0.91847	1.01847	0.416593	1.17899	1.17899	0.498547	0.867153	-1.1532	0.48193	0.862185	-1.15984	0.834201	0.800752	-1.24883	0.584204	0.891673	-1.12149	0.57157	0.389639	0.605956	1
cg05715549	ZNF318	0.789132	0.55576	1.36582	1.36582	0.423724	0.717009	-1.39468	0.983501	0.991818	-1.00825	0.771749	1.12573	1.12573	0.684917	0.840666	-1.18909	0.823291	1.09534	1.09534	0.22442	2.04624	2.04624	0.594762	1.68134	0.886513	1.56931	1.56931	0.779435	0.887688	-1.12652	0.571567	1.50066	2.3238	1
cg22065367	PHLPP1	0.78914	0.934565	0.974921	-1.02572	0.396994	1.3077	1.3077	0.76752	1.09603	1.09603	0.777786	1.09145	1.091145	0.51096	1.22904	1.22904	0.969729	1.01181	1.01181	0.150123	0.620536	-1.61151	0.477922	1.25003	1.25003	0.729206	0.898084	-1.11348	0.571556	0.866031	1.34686	1
cg23694248	PTPN18;PTPRR	0.78914	0.51437	1.08854	1.08854	0.39065	0.882532	-1.1331	0.698075	0.946126	-1.05694	0.222229	1.19991	1.199911	0.705732	1.45405	1.45405	0.868318	1.02385	1.02385	0.554722	0.930275	-1.07457	0.911988	0.984453	-1.01583	0.402121	1.12955	1.12955	0.571556	0.182695	0.284128	1
cg26146306	TAF10	0.789142	0.791471	1.214191	1.214191	0.597362	0.676784	-1.47758	0.507348	1.63662	1.63662	0.388044	0.523117	-1.91162	0.535935	0.631867	-1.58261	0.969306	1.02858	1.02858	0.406793	1.86178	1.86178	0.556696	1.54555	1.54555	0.252497	1.39992	1.39992	0.571553	4.85572	7.5517	1
cg10105999	SSSCA1	0.789144	0.61288	1.20301	1.20301	0.561104	0.808247	-1.23724	0.789579	1.10174	1.10174	0.586323	1.22024	1.22024	0.325696	1.44428	1.44428	0.335442	1.43307	1.43307	0.266741	0.657596	-1.52069	0.819409	0.920498	-1.08637	0.723542	1.1373	1.1373	0.57155	1.18788	1.84742	1
cg14481263	C21orf25	0.789185	0.192785	1.52305	1.52305	0.695315	1.59832	1.598321	0.813044	0.754174	-1.32595	0.533407	1.12359	1.12359	0.455057	2.58842	2.58842	0.300342	3.61356	3.61356	?	?	?	0.343445	3.21295	3.21295	0.881425	1.19449	1.19449	0.551103	10.7646	17.0913	1
cg07674075	FAM104B;FAM104B;FAM104B;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(121T vs. 2)	Fold-Change(1-vs-121T vs. 2)	p-value(347T vs. N)	p-value(347T vs. 2)	p-value(347T vs. 3)	Fold-Change(1-vs-347T vs. 3)	p-value(353T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(537T vs. 2)	Fold-Change(1-vs-537T vs. 2)	p-value(563T vs. N)	Fold-Change(1-vs-563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg14009345	USP20;USP20;USP20	0.790329	0.478123	1.27584	1.27584	1.243444	1.51025	1.510225	0.382915	1.3529	1.3529	?	?	?	0.568974	0.8232388	0.21464	1.23196	1.23196	0.82133	1.0794	1.0794	0.637878	0.852024	1.173682	0.552536	0.887564	1.60635	1
cg17061179	ATAD1;CFLP1	0.790345	0.430629	1.449429	1.829393	2.025007	2.025007	0.586308	1.31569	1.315569	0.774875	0.866602	-1.15393	0.888205	0.93218	1.07275	0.230747	1.87335	1.87335	0.379573	1.56842	1.56842	0.550131	1.3524	1.3524	0.582916	1.31904	1.31904	0.569853	2.224999	3.50964	1
cg13996514	GRK5	0.790356	0.200293	0.285478	-3.5029	0.97588	1.02841	1.028411	0.521094	1.82699	1.826999	0.417157	0.463782	-2.15618	0.286618	0.358678	-2.78802	0.584435	0.599432	-1.66824	0.415596	0.462536	-2.16199	0.989551	0.987939	-1.01221	0.562039	0.580874	-1.72154	0.56984	7.74906	12.0877	1
cg18173715	GAK	0.790357	0.196249	2.29472	2.29472	0.30264	1.91317	1.913171	0.300483	1.91967	1.919671	0.508178	1.50384	1.503844	0.368652	1.50384	0.15955	2.25983	2.06624	2.06624	0.599521	1.37997	1.37997	0.76382	1.20101	1.20101	0.602606	1.37863	1.37863	0.569838	3.33443	5.20136	1
cg11863717	CHST3	0.790361	0.762488	1.55229	1.55229	0.154488	0.107572	-9.29613	0.665857	0.532421	-1.87321	0.90276	0.837509	-1.19402	0.360202	0.255452	-3.91462	0.994772	1.00955	1.00955	0.532186	0.399338	-2.50414	0.313068	0.220073	-4.54395	0.35844	0.254103	-3.95361	0.569832	18.9951	29.6307	1
cg26659665	IQCJ;IQCJ	0.790367	0.416093	1.40093	1.40093	0.584676	1.25092	1.25092	0.79034	1.14414	1.13414	?	?	?	0.962945	1.01902	1.01902	0.33679	1.49437	1.49437	0.173251	1.8	1.8	0.280722	1.57585	1.57585	0.568942	1.26303	1.26303	0.552481	1.27969	2.31626	1
cg14836490	MEIS1	0.790382	0.633144	0.831134	-1.20318	0.744979	0.882021	-1.13376	0.762006	0.889734	-1.12393	0.445156	0.741277	-1.34902	0.248777	0.628945	-1.58996	0.316318	0.671335	-1.48957	0.417783	1.37506	1.37506	0.561542	0.797887	-1.25331	0.559585	1.25476	1.25476	0.569802	1.33518	2.08288	1
cg18536827	SPIN2	0.790382	0.440829	0.821453	-1.21736	0.582761	0.870348	-1.14892	0.669834	0.879168	-1.13744	0.706597	1.09924	1.09924	0.536974	1.16913	1.16913	0.935312	1.02052	1.02052	0.168366	1.44382	1.44382	0.933094	0.979209	-1.02123	0.468422	1.20272	1.20272	0.56978	0.564079	0.8814	1
cg12060306	KRTAP; AURKA;AURKA;AURKA;AURKA;AURKA;	0.790394	?	?	0.693158	0.64661	2.06461	0.274365	8.21002	8.210002	0.796903	0.624411	-1.60151	0.498187	0.283214	-3.5309	0.856925	0.719339	-1.39016	?	?	?	0.516331	1.34255	0.49958	16.7259	33.4799	1
cg03776827	AURKA	0.790423	0.234212	0.703523	-1.42142	0.345478	0.760339	-1.3152	0.893586	0.962962	-1.03846	0.996595	0.998797	-1.0012	0.985878	0.995021	-1.005	0.812042	1.06948	1.06948	0.940329	1.02134	1.02134	0.674722	1.1264	1.1264	0.230083	1.4263	1.4263	0.569745	0.717562	1.11951	1
cg23949524	GLI3	0.790443	0.228762	0.819613	-1.22009	0.397656	0.872502	-1.14613	0.616022	0.923457	-1.08289	0.69834	0.940509	-1.06325	0.931453	1.0354	1.0354	1.01364	1.01364	0.20704	1.4263	1.4263	0.569745	0.717562	1.0832	0.744585	1.05283	0.923662	1.01525	1.01525	0.569735	0.223799	0.349167	1
cg08729914	TBC1TBK1	0.790444	0.343415	1.234727	1.234727	0.266808	0.818338	-1.22234	0.384782	0.800215	-1.24957	0.560503	0.888634	-1.12534	0.995979	1.00403	1.00403	0.661604	0.91544	-1.09237	0.802912	0.931074	-1.05144	0.641828	0.84712	-1.18047	0.609234	0.901695	-1.10902	0.558715	0.363075	0.556482	1
cg26763618	BFAR	0.790468	0.784799	1.06231	1.06231	0.604939	1.12215	1.122215	0.784884	1.13096	1.13096	0.682529	0.913186	-1.09507	0.878025	0.968653	-1.0345	0.650295	0.904126	-1.10604	0.726024	1.08079	1.08079	0.18951	1.35921	1.35921	0.87138	1.03643	1.03643	0.569682	0.439993	0.686532	1
cg27140295	AQP6	0.790469	0.817008	1.04491	1.04491	0.597700	1.1062	1.1062	0.382398	1.18504	1.18504	0.219038	1.26326	1.263326	0.557219	0.893586	-1.11969	0.848449	0.96439	-1.03602	0.519658	0.88364	-1.13168	0.687305	1.07971	1.07971	0.295303	1.22838	1.22838	0.569268	0.324096	0.505696	1
cg00543329	CLSPN	0.790470	0.968752	1.02094	1.02094	0.568406	0.737074	-1.3572	0.890542	0.931885	-1.13741	1.13741	0.931605	1.07352	0.76162	1.092602	1.092602	0.691255	1.44662	1.44662	0.768591	1.30208	1.30208	0.896395	1.07136	1.07136	0.198361	0.487145	2.05278	0.59574	2.59069	4.22556	1
cg19190593	LY86;LOC285780	0.790491	0.565967	1.38746	1.38746	0.827403	0.913279	-1.09496	0.398997	0.614266	-1.62796	0.665472	0.782304	-1.27828	0.672127	1.27158	1.27158	0.538832	1.42075	1.42075	0.285435	1.87041	1.87041	0.293055	0.540312	-1.85078	0.826293	0.88334	-1.13207	0.569649	2.87376	4.48426	1
cg23634731	SIM1	0.790512	0.961312	1.01086	1.01086	0.334435	0.881238	-1.24807	0.782664	1.06349	1.06349	0.253427	1.30409	1.30409	0.701076	0.917723	-1.08965	0.266891	1.12633	1.12633	0.85079	0.938943	-1.06481	0.663654	1.1023	1.1023	0.963882	0.991216	-1.00886	0.569662	0.447037	0.697599	1
cg08187612	ZDHHC7;ZDHHC7	0.790532	0.922708	0.975994	1.025194	0.120125	1.02125	1.021251	0.306484	1.30515	1.305151	0.459621	0.828188	-1.20746	0.968349	0.990118	1.00998	0.963909	0.988548	-1.01158	0.216022	0.721805	-1.38542	0.361828	1.26452	1.26452	0.837597	1.05273	1.05273	0.569591	0.56554	0.882566	1
cg02808797	PLXNA2	0.790563	0.752151	1.07785	1.07785	0.411825	0.819915	-1.21964	0.28839	1.29795	1.29795	0.463685	1.19302	1.19302	0.288536	1.29784	1.29784	0.405912	1.22286	1.22286	0.419096	1.21573	1.21573	0.491362	1.17984	1.17984	0.848184	1.04639	1.04639	0.569548	0.505027	0.788191	1
cg01211627	ERC2	0.790588	0.675936	1.1198	1.1198	0.302024	1.29129	-1.32751	0.705068	0.902737	-1.10777	0.737923	0.981341	-1.27305	0.550487	0.839308	-1.19146	0.212035	0.70253	-1.42353	0.182892	0.788563	-1.27232	0.487403	0.628057	-1.20911	0.746704	1.09114	1.09114	0.569512	0.653434	1.01987	1
cg24452588	DLC1	0.790597	0.885376	1.03666	1.03666	0.875628	0.961658	-1.03987	0.950573	1.01416	1.01416	0.594027	0.874339	-1.14372	0.68228	0.902365	-1.1082	0.8597	0.956798	-1.04515	0.0946728	0.588169	1.68112	1.10865	1.10865	0.515105	1.1791	1.1791	0.569409	0.561968	0.877133	1
cg14795209	UHRF1;UHRF1	0.790605	0.979728	1.03555	1.03555	0.878891	0.982256	1.018008	0.837293	1.03497	1.03639	0.815895	0.964649	1.052123	1.12274	1.197659	1.19766	1.01648	1.11548	1.11548	0.274242	1.21112	1.21112	1.02722	1.19169	1.19169	0.728829	1.16838	1.16838	0.569036	1.05749	1.05749	0.574402	0.227378	1
cg03897318	TWF2	0.790606	0.414825	1.3817	1.3817	0.834516	0.92206	-1.08453	0.260087	0.63403	-1.57721	0.646162	0.835849	-1.19639	0.898548	0.951728	1.05072	0.22765	1.63432	1.63432	0.854925	1.07357	1.07357	0.558677	0.795013	-1.25784	0.945601	0.973879	-1.02682	0.569486	1.35702	2.11812	1
cg04981338	MACF1;MACF1	0.790608	0.873798	0.925912	-1.08002	0.189275	1.96092	1.96092	0.418175	0.6699	-1.49276	0.806544	1.12616	1.126616	0.675321	0.814476	-1.22778	0.855067	0.915263	-1.09258	0.319679	0.607756	-1.6454	0.549061	1.34123	1.34123	0.991151	0.994644	-1.00538	0.569483	2.11511	3.30141	1
cg13656508	YWHAG	0.790635	0.768684	1.09	1.09	0.574975	1.16494	1.164944	0.422425	1.54794	1.547944	0.63825	1.20745	1.207452	0.398542	1.43925	1.43925	0.660225	1.59446	1.59446	0.289944	1.72554	1.72554	1.29443	0.910828	1.76308	0.563004	1.31045	1.31045	0.569499	2.81199	4.38944	1
cg03970350	TCN2	0.790664	0.476973	0.566715	-1.76456	0.284595	0.417719	-2.39395	0.376899	0.490613	-2.03827	0.224	0.366697	-2.72705	0.254773	0.393046	-2.54423	0.546192	0.619009	-1.61549	0.331	0.45488	-2.19838	0.372722	0.487392	-2.05174	0.730461	0.762159	-1.31206	0.569439	5.56241	8.68288	1
cg02550691	KCTD11;KCTD11 CLDND1;CLDND1;CLDND1;CLDND1;CLD	0.790659	0.758821	0.864141	-1.15722	0.646776	0.81763	-1.22305	0.54752	0.766738	-1.30423	0.49771	0.740507	-1.35043	0.48252	0.732372	-1.36543	0.47728	0.729548	-1.37071	0.184645	0.54274	-1.8425	0.127493	0.48716	-2.05271	0.706776	0.847964	-1.1793	0.569412	1.71735	2.68089	1
cg25438440	ND1;CLDND1	0.790678	0.535284	0.844887	-1.18359	0.179815	0.682187	-1.46587	0.536282	1.18309	1.18309	0.994409	1.00188	1.001888	0.828815	1.05986	1.05986	0.343037	0.76932	-1.29985	0.309609	0.754065	-1.32615	0.79178	0.931432	-1.07362	0.651109	0.884955	-1.13	0.569385	0.649949	1.01466	1
cg00720190	EXOG;EXOG	0.790689	0.219428	1.84121	1.84121	0.473318	0.47318	1.47318	0.31185	1.77806	1.778061	0.364934	1.17884	1.178839	0.313248	1.20759	1.20759	0.816163	0.93791	-1.06594	0.183248	1.0174	1.0174	0.875985	1.0041	1.0041	0.976353	1.03963	1.03963	0.569369	0.780269	2.21814	1
cg02473395	C12orf57	0.790697	0.886744	1.02376	1.02376	0.999465	0.999889	-1.00011	0.896458	1.02169	1.02169	0.250365	1.2189	1.2189	0.697371	1.08864	1.08864	0.927363	0.985045	-1.01518	0.150972	0.775979	-1.28869	0.734448	1.05771	1.05771	0.689709	1.06837	1.06837	0.569357	0.244982	0.382333	1
cg26527865	KLF5	0.790701	0.326093	1.69755	1.69755	0.742877	0.618483	-1.61703	0.243377	0.641475	-1.55902	0.659214	0.824334	-1.21306	0.452863	0.902864	-1.10754	0.565802	0.748202	-1.33602	0.47907	0.615254	1.16525	1.16525	0.831183	1.20283	0.74707	0.527365	1.89624	1.89624	0.569477	0.264247	0.372778	1
cg24541550	MRV11;MRV11;MRV11;MRV11;MRV11	0.790731	0.543144	0.664107	-1.50578	0.294231	0.485061	-2.0616	0.52142	1.54061	1.54061	0.846371	0.878976	-1.13769	0.402215	0.565452	1.7685	0.372163	0.543062	-1.84141	0.479817	0.620216	-1.61234	0.229876	0.432667	-2.31125	0.975094	1.02098	1.02098	0.569309	3.9876	6.22602	1
cg02255950	TRIM31	0.790739	0.816435	1.1165	1.1165	0.600737	1.28435	1.28435	0.806656	0.890289	-1.12323	0.222517	1.83591	1.83591	0.50954	0.728272	-1.37311	0.333358	1.64064	1.60464	0.776881	0.874023	-1.14413	0.454242	0.696789	-1.43515	0.64764	0.804058	-1.24369	0.569299	2.02513	3.16198	1
cg25051831	PCDH7;PCDH7;PCDH7	0.790741	0.834441	1.07774	1.07774	0.852868	0.913268	-1.09497	0.336369	0.815895	-1.22561	0.664604	0.970523	-1.03048	0.914653	0.980462	1.00465	0.874264	0.908465	-1.10054	0.678992	0.788992	-1.26737	0.815807	0.953038	-1.04928	0.72442	1.0757	1.0757	0.569295	0.183112	0.259217	1
cg22949040	RAPH1;RAPH1	0.790743	0.956131	0.988673	-1.01146	0.944237	1.01459	1.01459	0.980658	0.994993	-1.00503	0.475408	1.16217	1.16217	0.268208	1.26974	1.26974	0.345396	1.23302	1.23302	0.289163	0.796255	-1.25588	0.556434	1.13109	1.13109	0.502751	1.15124	1.15124	0.569293	0.386618	0.603662	1
cg21327230	SYNPO;SYNPO;SYNPO;SYNPO	0.790769	0.956387	1.077536	1.077536	0.479979	0.709313	-1.40155	0.743624	1.14763	1.14763	0.424853	0.771538	-1.29632	0.617263	0.908484	-1.10146	0.653539	1.12702	1.12702	0.622001	0.832509	-1.20119	0.832509	0.917552	-1.08971	0.902426	0.975557	1.02445	1.02445	0.569296	1.75155	2.49386	1
cg01557792	KIAA0247	0.79077	0.350968	0.396382	-2.52282	0.49631	0.513835	-1.94615	0.682516	1.48653	1.48653	0.282516	0.34079	-2.93436	0.205415	0.275878	-3.62479	0.576718	0.580659	-1.72218	0.556521	0.563667	-1.7741	0.416026	0.448729	-2.22852	0.396961	0.433386	-2.30741	0.569255	8.37771	13.0818	1
cg23141614	RPS6KA2	0.79077	0.197442	1.77616	1.77616	0.932806	1.0362	1.0362	0.970356	1.01579	1.01579	0.716914	1.16594	1.16594	0.45219	0.724026	-1.38117	0.494548	1.33973	1.33973	0.276228	1.6121	1.6121	0.928121	1.01878	1.01878	0.582965	0.791522	-1.26339	0.569255	1.60276	2.5027	1
cg24938752	C3orf27;C3orf27	0.790772	0.204044	1.89553	1.89553	0.772455	0.709313	-1.40155	0.743624	1.14763	1.14763	0.424853	0.771538	-1.29632	0.617263	0.908484	-1.10146	0.211484	1.39798	1.39798	0.240039	1.26618	1.26618	0.530689	1.52555	1.52555	0.767035	1.21844	1.21844	0.569251	1.98721	2.62405	1
cg17710545	PO5	0.790776	0.793609	0.945773	-1.05734	0.969769	1.00809	1.00809	0.871394	0.966136	-1.03505	0.796281	1.05644	1.056441	0.415111	0.837675	-1.19378	0.549366	0.879138	-1.13748	0.122108	0.609565	-1.42946	0.904332	1.0259	1.0259	0.454486	1.17586	1.17586	0.569247	0.407032	0.636525	1
cg00760014	FFO2	0.790799	0.380912	0.840994	-1.18958	0.189188	0.556358	0.693728	0.693728	0.934731	0.934731	0.808474	0.934731	0.808474	0.364614	1.24925	1.54794	0.703879	0.683628	0.683628	0.683628	0.744947	1.44143	1.44143	0.931551	1.07288	0.402847	1.08623	1.08623	0.569424	0.734733	1.0955	1
cg18153624	EPHB4	0.790804	0.859519	0.958107	-1.04373	0.761105	1.07645	1.07645	0.969628	0.990844	-1.00924	0.181249	1.40899	1.40899	0.418835	1.22086	1.22086	0.777911	1.07069	1.07069	0.507505	0.850079	-1.17636	0.435623	1.21185	1.21185	0.460767	0.834099	-1.1989	0.569207	0.526097	0.821567	1
cg14728415	LSM5;LSM45;AVL9	0.790808	0.479057	0.954066	-1.04801	0.568265	0.919611	-1.08742	0.624894	0.914254	-1.09353	0.683913	1.08459	1.084591	0.63803	0.899459	-1.06444	0.931953	1.24978	1.24978	0.160984	0.70238	0.939772	-1.06394	0.924731	1.08389	0.681891	0.902101	1.04056	1.04056	0.569215	0.140566	0.219115	1
cg13128531	ZBTB13	0.790813	0.571035	0.494229	-2.02335	0.768056	1.43915	1.43915	0.743013	0.6698	-1.4993	0.155415	0.53388	0.63388	0.271761	0.6335	-1.60335	0.581884	0.54301	-1.84204	0.545311	0.08808	1.08808	0.884019	1.19966	1.19966	0.913995	1.00718	1.00718	0.569194	1.26301	2.13324	1
cg13505011	POLE;PXMP2	0.790816	?	?	?	0.625702	0.598579	-1.67062	0.95723	0.94555	-1.05759	0.856331	1.20828	1.20828	0.543669	1.89968	1.89968	0.396195	2.47699	2.47699	0.372829	2.59898	2.59898	0.167532	6.64509	6.64509	0.929317	0.91154	-1.09705	0.551839	8.46675	15.3428	1
cg08676425	ATP11A;ATP11A	0.790826	0.701324	1.23845	1.23845	0.491884	0.473318	1.47318	0.31185	1.77806	1.778061	0.613295	1.32686	1.326864	0.476504	1.00914	1.00914	0.556171	0.741196	-1.34954	0.154145	0.33173	0.33173	0.993624	1.00444	1.00444	0.334162	1.73808	1.73808	0.569189	0.276535	0.33576	1
cg24436906	BOK	0.790819	0.939335	0.967657	-1.03342	0.471994	0.748177	-1.33658	0.180365	1.7579	1.7579	0.761469	0.886272	-1.12832	0.392195	0.70637	-1.41569	0.592435	0.807123	-1.23897	0.653546	0.835971	-1.19621	0.994746	0.997392	-1.00261	0.507115	1.30589	1.30589	0.569185	1.41759	2.21383	1
cg14161348	PIGN;PIGN;PIGN;PIGN;RIAA1468	0.790839	0.865097	1.06055	1.06055	0.654967	0.842423	-1.1571	0.751088	0.886459	-1.12778	0.819753	0.578328	-1.72912	0.55864	0.825409	-1.21152	0.587936	0.7352	-1.33269	0.865117	1.0567	1.0567	0.527156	1.23196	1.23196	0.924361	1.03129	1.03129	0.569158	0.948662	1.48162	1
cg22192602	SNRPB;SNRPB	0.790845	0.873003	0.979361	-1.02708	0.910162	0.919703	-1.08731	0.491785	0.888902	-1.12372	0.347023	1.37538	1.37538	0.490181	1.12422	1.12422	1.17758	1.17758	1.11678	0.947473	1.03115	1.03115	0.563651	0.907084	-1.10243	0.902195	1.22805	1.22805	0.569154	0.251553	0.392869	1
cg21712732	PTPRN2;PTPRN2;PTPRN2	0.790859	0.967808	1.01828	1.01828	0.122118	2.12119	2.121119	0.249966	1.71527	1.71527	0.991138	0.995196	-1.00483	0.777506	1.11558	1.11558	0.944588	1.03169	1.03169	0.44475	1.41855	1.41855	0.643776	1.23243	1.23243	0.724948	0.853386	-1.17118	0.569129	1.81553	2.83557	1
cg24364084	KIAA2018	0.790862	0.29006	1.88556	1.88556	0.599475	0.622128	1.60592	0.741992	1.1031	1.1031	0.252627	1.4261	1.4261	0.555018	1.16962	1.16962	0.258218	1.66578	1.66578	0.600854	0.844397	-1.18448	0.440196	0.25267	-3.95647	0.601552	0.980887	-1.01949	0.569152	0.70102	1.24181	1
cg07583651	FEN1;C11orf10;MIR611;FEN1	0.790878	0.465866	2.0018	2.0018	0.81292	0.801135	-1.24823	0.968796	1.03726	1.03726	0.948626	0.941517	-1.06212	0.126472	0.213079	4.6931	?	?	?	0.952681	1.05707	1.05707	0.478958	0.510102	-1.96039	0.692863	0.689858	-1.44957	0.55175	6.79406	12.3136	1
cg01535255	SDK1;SDK1	0.790883	0.714384	1.13968	1.13968	0.852697	1.09359	1.09359	0.299819	0.996208	-1.67727	0.473667	1.42014	1.42014	0.381309	0.554201	-1.98334	0.821308	1.11503	1.11503	0.577446	0.7627	-1.31113	0.570987	0.753192	-1.33086	0.924933	0.955653	-1.0464	0.569101	0.208804	0.326335	1
cg26932693	CBX1;CBX1	0.790882	0.77553	0.914432	-1.09357	0.448868	1.27312	1.273312	0.186923	0.640456	-1.54954	0.598975	0.847019	-1.18061	0.672437	0.875411	1.14232	0.822471	0.932103	-1.07284	0.538193	1.18655	1.18655	0.860998	0.956145	-1.04587	0.271912	0.609188	-1.43023	0.569096	0.882374	1.37821	1
cg17862024	NCRNA00188;NCRNA00188;NCRNA00188;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(1057 vs. N)	Fold-Change(1 vs.057)	Ratio(1117 vs. N)	Fold-Change(1 vs.117)	Ratio(1127 vs. N)	Fold-Change(1 vs.127)	Ratio(1217 vs. N)	Fold-Change(1 vs.217)	p-value(347 vs. N)	Fold-Change(1 vs.347)	p-value(1437 vs. N)	Fold-Change(1 vs.437)	p-value(1537 vs. N)	Fold-Change(1 vs.537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	
cg04076481	KIF1	0.791831	0.944847	0.984075	-1.01618	1.0094437	0.970395	-1.03051	0.920139	0.8446649	-1.18533	0.6810133	1.10895	1.10895	0.339134	1.27957	1.27957	0.438801	1.2184	1.2184	0.194274	0.709211	-1.41002	0.67858	0.900983	-1.1099	0.8844159	1.03718	0.567752	0.562945	0.881363	1
cg24039732	RGS12;RGS12;RGS12	0.791841	0.58201	1.42646	1.42646	0.31746	1.93525	1.93525	0.63155	1.36165	1.36165	0.298048	1.99213	1.99213	0.59718	1.40598	1.40598	0.174385	2.51708	2.51708	0.212312	2.31484	2.31484	0.601943	1.39967	1.39967	0.56362	1.4521	1.4521	0.567742	1.67048	0.574671	1
cg20000099	CEBPG	0.791861	0.817428	1.19791	1.19791	0.628752	1.46294	1.46294	0.443944	1.83948	1.83948	0.17827	3.05539	3.05539	0.434586	1.86374	1.86374	0.160454	3.22893	3.22893	0.862084	0.8790331	-1.14543	0.717449	1.32815	1.32815	0.9282338	1.07288	1.07288	0.567713	5.48297	0.584468	1
cg25248160	NKAIN3	0.791865	0.9003604	0.955329	-1.04676	0.8918353	1.05089	1.05089	0.684433	0.8614458	-1.16082	0.364532	0.7818804	-1.40488	0.689214	0.8635757	-1.15797	0.761917	0.8950387	-1.11721	0.1259951	1.82947	1.82947	0.670757	1.16884	1.16884	0.7838842	0.9045445	-1.10553	0.567708	1.196585	1.87396	1
cg04396896	FEZ1;FEZ1	0.79188	0.209796	0.427849	-2.33727	0.759769	0.821188	-1.21775	0.533774	0.66711	-1.499	0.950353	1.04081	1.04081	0.459104	0.6161917	-1.62286	0.127303	0.346747	-2.88395	0.710501	0.7870103	-1.27059	0.470732	0.6424188	-1.60208	0.6145682	0.721778	-1.38546	0.567687	3.70943	5.80826	1
cg26382107	RPTOR;RPTOR	0.791888	0.676527	1.10975	1.10975	0.843302	1.04968	1.04968	0.320498	0.775095	-1.29017	0.585622	1.46541	1.46541	0.442153	1.21471	1.21471	0.250812	1.34692	1.34692	0.703762	0.909537	-1.09946	0.380119	1.25039	1.25039	0.809934	0.941949	-1.06163	0.567661	0.553832	0.867234	1
cg27475152	BTN1A1	0.791908	0.470441	0.871641	-1.14726	0.453914	0.866985	-1.15342	0.250223	1.25208	1.25208	0.380788	1.18317	1.18317	0.81515	1.04479	1.04479	0.897904	1.02431	1.02431	0.535731	1.1245	1.1245	?	?	0.909142	0.978867	-1.02159	0.550277	0.271186	0.492816	1
cg07911844	LOC100302652;GPR75	0.791916	0.989201	0.995409	-1.00461	0.233886	1.51312	1.53032	0.828088	1.07696	1.07696	0.669556	1.19555	1.19555	0.597755	1.19785	1.19785	0.173906	1.63754	1.63754	0.384472	1.50878	1.50878	0.854345	1.06466	1.06466	0.836255	0.919313	-1.07306	0.567635	1.04496	1.63636	1
cg22068894	KRIRE13;KRIRE13	0.791921	0.960227	0.941061	-1.0593	0.779334	1.35847	1.35847	0.558938	1.524876	-1.90521	0.596704	1.58554	1.58554	0.631055	1.58554	1.58554	0.23519	3.8845	3.8845	0.247246	3.01334	0.501271	1.10531	2.31011	0.481112	0.457922	2.183787	0.567627	0.69643	16.7469	1
cg08466883	KCTD3	0.791938	0.86341	1.04548	1.04548	0.141336	1.5046	1.5046	0.293776	1.32481	1.32481	0.861784	0.95599	-1.04604	0.261526	1.35312	1.35312	0.951056	0.984271	-1.01598	0.707345	1.10231	1.10231	0.764391	1.08073	1.08073	0.530299	1.17844	1.17844	0.567604	0.599662	0.939093	1
cg13303158	KIF26B	0.791946	0.1238	0.394057	-2.53647	0.724977	0.360268	-2.77571	0.092655	0.6083838	1.00838	0.746611	0.7452257	-1.34189	0.126348	0.2231	-4.4823	0.533026	0.563979	-1.77312	0.178846	0.7746291	-1.29095	0.479876	0.5722373	-1.91838	0.994314	1.00649	0.567593	7.39668	11.5837	1
cg02179652	BSX	0.791972	0.47719	0.522013	-1.91566	0.94947	0.944592	-1.05866	0.596987	0.6188251	-1.61597	0.745277	0.745876	-1.34071	0.198258	0.294361	-3.39719	0.245008	0.334948	-2.98554	0.218411	0.332119	-3.20091	0.827001	1.21758	1.21758	0.738988	0.740256	-1.35088	0.567557	7.27173	11.3887	1
cg19798596	MARCH10;MARCH10	0.792015	0.700757	0.883132	-1.13174	0.439816	0.687505	1.45453	0.211755	0.5417237	1.84598	0.866048	0.80185	1.08185	0.885398	0.6605611	-1.51387	0.67541	1.2681	1.2681	0.426145	0.460132	2.17242	0.699574	0.8304496	-1.19804	0.6749212	0.7152093	-1.3982	0.567496	1.95156	3.0568	1
cg21167402	SDHAP3	0.792017	0.219864	0.58519	1.70918	0.227106	0.173085	-5.77752	0.685056	2.66807	2.66807	0.776094	0.674072	-1.48352	0.830891	0.743925	-1.34422	0.608219	0.489109	-2.04453	0.908243	0.8525881	-1.1729	0.736834	1.59443	1.59443	0.877537	0.807921	-1.23774	0.567493	17.1958	26.9346	1
cg04498802	ZNF509;LYAR;LYAR	0.792038	0.682365	0.761942	-1.31244	0.842906	1.14009	1.14009	0.976946	0.9810807	-1.01928	0.425278	1.58549	1.58549	0.582132	-1.71256	0.500044	0.636133	1.572	1.572	0.636133	1.5349	0.495666	1.57952	1.57952	0.273258	2.1242	2.1242	0.567464	0.932394	6.14656	1
cg14580919	KDM4B	0.792038	0.801396	0.866195	-1.15503	0.369155	0.669632	-1.49316	0.523503	0.7818253	1.27918	0.78158	0.771595	1.88114	-1.13493	0.947967	0.97202	-1.02879	0.701855	1.18205	1.18205	0.463533	2.16096	0.462706	0.974788	1.639	1.639	0.667887	1.20645	1.20645	0.567463	1.69932	2.66185	1
cg21367838	STAU1;STAU1;STAU1;STAU1;STAU1 HMGA1;HMGA1;HMGA1;HMGA1;HMG	0.792057	0.496298	0.905287	-1.10462	0.223167	0.831623	-1.20247	0.946495	1.00971	1.00971	0.554568	0.9175	-1.08992	0.154641	0.80296	-1.24539	0.325589	0.863972	-1.15744	0.715507	0.9486381	-1.05414	0.91903	1.01476	1.01476	0.752157	0.955389	-1.04669	0.567437	0.186479	0.292119	1
cg03173713	A1;HMGA1	0.792061	0.420681	0.794011	-1.25943	0.751366	0.914733	-1.09322	0.149031	0.647992	-1.54323	0.780559	0.924682	-1.08145	0.491223	0.821981	-1.21657	0.472817	0.814865	-1.2272	0.985724	0.994996	-1.00503	0.924866	1.0268	1.0268	0.201182	0.684896	-1.46008	0.567431	0.706496	1.10674	1
cg06792847	LOC146880	0.792104	0.251848	0.470247	-2.12654	0.641576	0.744176	-1.34377	0.649557	0.74952	-1.33419	0.312151	0.517368	-1.93286	0.371257	0.5606353	-1.78364	0.200627	0.426566	-2.34431	0.277477	0.490731	-2.03777	0.468881	0.628466	-1.59118	0.589807	0.709606	-1.40923	0.56737	3.56974	5.59266	1
cg03474687	XRCC3;XRCC3;XRCC3	0.792117	0.249393	0.462173	-2.16305	0.642709	0.324564	-3.08124	0.407587	1.70768	1.70768	0.455516	1.61632	1.61632	0.318404	1.52756	1.52756	0.680693	1.29168	1.29168	0.895059	0.928453	-1.07698	0.930453	1.01616	1.01616	0.793867	1.17989	1.17989	0.567351	1.58586	6.6181	1
cg14921898	MTF1B;MTF1B	0.792148	0.351829	1.26928	1.26928	0.411918	1.23218	1.23218	0.789592	1.06882	1.06882	?	?	?	0.505511	1.1831	1.1831	0.67702	1.10987	1.10987	0.409689	0.830723	-1.23347	0.420292	0.8147223	-1.22741	0.630035	1.12838	1.12838	0.549934	0.479483	0.871891	1
cg03335810	CERK	0.79215	0.826307	1.13193	1.13193	0.425005	0.657883	1.52015	0.758142	1.18876	1.18876	0.841272	1.26536	1.26536	0.792375	1.532796	1.91646	0.994862	1.00463	1.00463	0.996243	0.9888727	-1.0112	0.525652	1.01306	1.01306	0.952018	0.950094	-1.05159	0.567208	0.445884	0.462584	1
cg12904924	GABRAS;GABRA5	0.792163	0.812842	0.93545	-1.069	0.586801	1.16694	1.16694	0.675665	0.88836	-1.12567	0.965859	0.988031	-1.01211	0.312929	0.74554	-1.34131	0.330693	0.75399	-1.32628	0.627474	1.14749	1.14749	0.247903	1.40473	1.40473	0.974375	0.991004	-1.00908	0.567287	0.71112	1.11426	1
cg03700944	PLA2G7;PLA2G7	0.792166	0.691129	0.869962	-1.14948	0.47579	0.776516	-1.2878	0.478077	1.28606	1.28606	0.787631	1.09876	1.09876	0.68817	0.868808	-1.151	0.815864	1.04877	1.04877	0.250816	0.658	-1.51976	0.249624	0.657244	-1.5215	0.646256	1.17492	1.17492	0.567383	1.09318	1.71203	1
cg08032238	SKI	0.792168	0.960635	1.00687	1.00687	0.240827	2.49674	2.49674	0.201758	1.39186	1.39186	0.881174	0.986331	-1.01386	0.740256	0.82362	-1.21417	0.747593	1.22724	1.22724	0.808047	1.15255	1.15255	0.883263	1.08787	1.08787	0.737969	1.21634	1.21634	0.567279	1.05682	4.78984	1
cg15093248	ESPNP	0.79218	0.399741	0.733871	-1.36264	0.655375	0.851086	-1.17497	0.283982	0.670638	-1.49112	0.46504	0.765762	-1.30589	0.275378	0.665435	-1.50278	0.402868	0.735446	-1.35972	0.432468	0.750102	-1.33315	0.56525	0.811669	-1.23203	0.169827	0.593643	-1.69021	0.567263	1.15751	1.8138	1
cg14081861	MTHFD1L	0.792183	0.338722	0.84301	-1.18564	0.532091	0.70597	1.41655	0.32394	1.7232	1.7232	0.744208	1.350441	-1.35353	0.307226	0.5227	-1.91335	0.54397	0.602478	-1.65981	0.607051	0.642964	-1.5557	0.807389	0.8191116	-1.22083	0.434603	0.513331	-1.94806	0.567253	6.28551	9.84943	1
cg10274403	LRRC50;HSDL1;HSDL1	0.792216	0.97208	1.08839	-1.01129	0.426003	0.770527	-1.29781	0.272648	0.693396	-1.44218	0.275033	0.69476	-1.43935	0.190256	0.10223	0.10223	0.951063	0.01988	0.01988	0.493977	0.124951	1.24951	0.896675	0.95919	-1.04255	0.414292	1.30686	1.30686	0.567212	0.923882	1.44783	1
cg26140352	DOPEY1	0.792223	0.355658	0.301684	-3.31472	0.684164	1.67504	1.67504	0.649221	1.7817	1.7817	0.877623	0.823368	-1.21452	0.344206	0.292612	-3.41749	0.947716	0.926014	-1.08623	?	0.614999	0.527489	-1.89577	0.20639	0.186192	-5.37081	0.549827	12.3137	22.3957	1
cg25431399	PTBD;PTBD;SMC4;SMC4	0.792225	0.249293	0.462173	-2.16305	0.642709	0.460449	-2.17193	0.549701	0.8402012	-1.19018	?	?	?	0.341	-2.93255	0.341	0.688803	1.74269	-1.34568	0.665485	0.670491	1.49	0.305199	0.456088	-2.19256	0.779041	0.806304	-1.24023	0.546425	0.274081	0.14	0.52284	1
cg06145669	NR4A3;NR4A3;NR4A3;NR4A3	0.792228	0.776661	0.864138	-1.15722	0.695935	0.817378	-1.22342	0.521819	0.717116	-1.39447	0.368393	1.66256	1.66256	0.2036	0.501633	-1.99349	0.415177	0.53361	-1.53361	0.88058	0.925717	-1.08024	0.737865	1.15941	1.15941	0.707938	0.824299	-1.21315	0.567195	2.36808	3.71117	1
cg01750375	WSP2	0.792241	0.599537	0.781641	-1.27941	0.492852	0.677849	-1.47544	0.730157	0.8331159	-1.20027	0.681452	0.943454	-1.06008	0.684562	0.308299	0.308299	0.319466	0.26753	0.26753	0.322796	0.191646	0.09982	0.963403	1.39066	0.719496	0.475814	2.101162	0.567218	0.544318	0.29	0.79359	1
cg01062919	RARA;RARA;RARA;RARA TBX4;LTBR;TBX4;TBX4;TBX4;TBX4;TBX4;TBX4	0.792243	0.733063	0.8207	-1.21847	0.478057	0.659466	-1.51638	0.865741	1.1026	1.1026	0.925993	0.947787	-1.05509	0.463477	0.650038	1.53837	0.206494	0.463442	-2.15777	0.171946	0.432015	-2.31473	0.341376	0.567852	-1.76102	0.837046	0.887922	-1.12623	0.567174	2.99272	4.69027	1
cg09397295	LTBX4;LTBX4;LTBX4;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. 117 vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. 477 vs. N)	Fold-Change(353T vs. 477 vs. N)	p-value(537T vs. 537 vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(563T vs. 637 vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg21366535	RSPH3	0.793232	0.831107	0.958814	-1.04296	0.642875	0.912151	-1.09631	0.724784	1.07209	1.07209	0.906565	1.02339	1.02339	0.500214	1.14433	1.14433	0.12894	0.723904	-1.1814	0.829011	0.958523	-1.04327	0.923013	0.981146	-1.03922	0.410373	1.18031	1.18031	0.565776	0.347461	0.545894	1
cg10535786	CCDC148;CCDC148;PKP4;PKP4	0.79324	0.954167	0.966006	-1.03519	0.774847	1.18836	1.18836	0.434366	1.61603	0.629533	1.61603	0.629533	1.61603	0.629533	1.61603	0.629533	0.473723	0.645037	-1.5503	0.862297	1.11012	1.11012	0.173301	0.418176	-2.39134	0.587689	1.39014	1.39014	0.565764	3.24439	5.09736	1
cg11276189	LOC154822	0.7932559	0.726405	1.57841	1.57841	0.432069	0.352841	-2.83414	0.485749	2.50997	2.50997	0.731424	1.56461	1.56461	0.508791	0.418603	-2.3889	0.394307	0.321881	-3.10674	0.578093	2.07498	2.07498	0.616654	1.92656	1.92656	0.293225	0.242536	-4.12311	0.5657737	15.1244	23.7635	1
cg18956355	AXIN2	0.7933274	0.660106	1.2579	1.2579	0.38667	1.5842	1.5842	0.39167	1.5762	1.5762	0.55619	1.36153	1.36153	0.465718	1.60441	1.60441	0.417056	1.53726	1.53726	0.0953894	2.58542	2.58542	0.66486	1.25356	1.25356	0.760483	1.17178	1.17178	0.565716	2.60845	3.78412	1
cg10821115	ADAMTS10	0.793277	0.518122	1.19106	1.19106	0.333865	1.30473	1.30473	0.370548	1.27812	1.27812	0.939522	1.00687	1.00687	0.98408	0.788064	-1.26893	0.462325	0.818994	-1.22101	0.605334	0.870129	-1.14925	0.849348	0.950518	-1.05206	0.524714	1.18771	1.18771	0.565712	0.638104	1.00264	1
cg14870074	ACVRL1;ACVRL1	0.7932091	0.442136	0.693857	-1.44122	0.220352	1.82383	1.82383	0.988992	1.00587	1.00587	0.651189	0.808758	1.23656	0.246394	0.379199	1.52306	1.52306	0.504647	0.729249	-1.37237	0.452104	1.4294	1.4294	0.963081	1.02182	1.02182	0.903828	0.845188	-1.05799	0.565692	1.94857	3.06184	1
cg08492205	LDB1	0.793294	0.165091	0.722679	-1.38374	0.625102	1.11407	1.11407	0.924762	0.979495	-1.02093	0.874181	0.965839	-1.03537	0.671536	1.09807	1.09807	0.709319	1.0856	1.0856	0.348967	0.80938	-1.23551	0.447007	0.843666	-1.1853	0.691625	1.09138	1.09138	0.565688	0.431028	0.677292	1
cg00981415	ZNF546	0.793321	0.287415	1.31694	1.31694	0.816826	0.94381	-1.05954	0.998989	0.999684	-1.00032	0.791021	0.959943	1.04178	0.441145	1.23283	1.23283	0.843457	1.05352	1.05352	0.285301	0.75835	-1.31865	0.440259	0.821871	-1.21674	0.531172	0.85376	-1.17129	0.565655	0.556541	0.874575	1
cg23660678	TSC2;DI3;TSC2;DI3;TSC2;DI3;TSC2;DI3	0.793321	0.17564	0.256475	-3.89901	0.883396	0.871141	-1.14792	0.396873	0.440546	-2.26991	0.409266	2.21985	2.21985	0.685513	0.680669	-1.46914	0.5075	0.529765	-1.88763	0.608764	1.62872	1.62872	0.824834	1.23301	1.23301	0.938817	1.07523	1.07523	0.565655	7.99846	12.5692	1
cg20976286	OCA2	0.793327	0.969924	0.97054	-1.03071	0.970474	0.826719	-1.20965	0.785537	1.59716	1.59716	0.999584	1.00265	1.00265	0.936637	1.15469	1.15469	0.834657	1.45772	-1.45772	0.738259	1.83068	1.83068	0.824016	1.03115	-1.03115	-32.099	0.545569	0.981146	-1.03922	0.410373	1.18031	1.18031	0.565776	0.347461	0.545894	1
cg00811080	MAML3	0.7933345	0.750975	0.920764	-1.08605	0.742737	0.915185	-1.09267	0.13579	1.5412	1.5412	0.866646	0.955784	-1.04626	0.485054	1.21035	1.21035	0.756807	0.919812	-1.08718	0.852787	1.05126	1.05126	0.385487	1.27049	1.27049	0.456526	1.22636	1.22636	0.565616	0.64862	1.01933	1
cg06839777	HSF2;HSF2	0.7933349	0.569204	1.44535	1.44535	0.588714	1.72336	1.72336	0.215556	2.12247	2.12247	0.85213	0.891392	-1.12184	0.337634	0.543853	-1.83873	0.893558	0.920684	-1.08615	0.5204	0.669371	-1.49394	0.941909	1.22575	1.22575	0.993271	0.994817	-1.00521	0.565661	3.40063	5.34429	1
cg08930672	PTPRN2;PTPRN2;PTPRN2	0.793351	0.502188	0.826051	-1.21058	0.551497	1.18418	1.18418	0.721861	1.1459	1.1459	0.710549	0.867998	0.954399	-1.04778	0.254721	0.376283	1.3961	1.3961	0.580549	1.16954	1.16954	0.337638	1.31964	1.31964	0.604408	0.863598	-1.15795	0.547838	0.84312	-1.18607	0.565607	0.705265	1.10837	1
cg22900224	NEK4;NEK4	0.793368	0.577799	0.838942	-1.19198	0.999232	0.999699	-1.0003	0.362787	0.746609	-1.33928	0.76859	0.911971	-1.09653	0.603839	1.17762	1.17762	0.197256	0.653297	-1.5307	0.584117	1.18845	1.18845	0.460443	1.26454	1.26454	0.77332	1.09439	1.09439	0.993584	0.873783	1.37326	1
cg15757745	TBC1D22A	0.793413	0.43479	1.34864	1.34864	0.240424	1.62523	1.62523	0.657386	0.845654	-1.18252	0.953762	0.978471	1.022	0.304604	0.670997	-1.49039	0.923721	0.904693	-1.0366	0.743795	1.13099	1.13099	0.782568	1.13042	1.13042	0.515505	0.797616	1.25374	0.565491	1.2169	0.98323	1
cg27460715	RFC2;RFC2	0.793455	0.585113	0.929982	-1.07529	0.951247	1.00808	1.00808	0.924954	1.01248	1.01248	0.509091	0.915584	-1.0922	0.755382	0.959684	-1.04201	0.880201	0.980337	-1.02006	0.164059	0.822407	-1.21594	0.719822	1.04857	1.04857	0.288115	1.15629	1.15629	0.565461	0.155274	0.244086	1
cg04379487	UXS1	0.793511	0.569935	0.701932	-1.42464	0.43503	1.63182	1.63182	0.33515	1.22468	1.22468	0.792893	1.17608	1.17608	0.890263	0.91843	-1.08881	0.396686	1.70738	1.70738	0.212053	0.444746	-2.24848	0.71523	1.25339	1.25339	0.475261	0.639219	-1.56441	0.5653381	3.40199	5.34859	1
cg00351035	TAL2D1	0.793512	0.263642	1.2579	1.2579	-1.21385	0.582599	1.05995	1.05995	0.767262	1.05126	1.05126	0.719906	0.942284	-1.06124	0.753293	1.05342	1.05342	0.290576	0.834396	-1.19847	0.35139	0.853734	-1.17133	0.380231	0.861934	-1.16038	0.929468	0.985493	-1.01472	0.56538	0.243984	0.383591	1
cg20136435	CRYL1	0.793518	0.530647	0.833531	-1.19972	0.87808	1.04499	1.04499	0.143367	1.56956	1.56956	0.86182	0.951283	-1.05121	0.720145	1.10864	1.10864	0.458318	1.24171	1.24171	0.869752	0.954045	-1.04817	0.525286	0.831496	-1.20265	0.519369	1.20592	1.20592	0.565371	0.735865	1.15694	1
cg11093149	UNC5D	0.79526	0.91355	0.982097	-1.01818	0.957207	0.954388	-1.04779	0.966833	0.987154	-1.01301	0.880695	1.32258	1.32258	0.194284	1.54294	1.54294	0.620882	0.856394	-1.16763	0.328861	0.730994	1.368	1.368	0.792303	0.978001	-1.02427	0.612012	0.852962	-1.17239	0.56536	0.865701	1.38611	1
cg27294841	C11orf91	0.79353	0.610025	0.902839	-1.10762	0.789803	0.948298	-1.05452	0.937522	1.0157	1.0157	0.648098	0.912738	-1.0956	0.937128	0.762771	1.31101	0.575875	0.893774	-1.11885	0.221045	0.774438	-1.29126	0.39012	0.839472	-1.19123	0.55813	1.12488	1.12488	0.565355	0.35352	0.555828	1
cg23019585	MOG;MOG;MOG;MOG;MOG;MOG;M	0.793533	0.299045	0.422647	-2.36604	0.242132	0.375484	-2.66323	0.362703	0.473052	-2.11393	0.90675	1.0983	1.0983	0.244287	0.37732	-2.65027	0.481381	0.564039	-1.77293	0.359854	0.470832	-2.1239	0.813124	0.827385	-1.20863	0.96882	0.969209	-1.03177	0.565351	5.73249	9.01308	1
cg26063862	KIF17;KIF17 C17orf91;C17orf91;WDR81;C17orf91;	0.793545	0.404623	1.4357	1.4357	0.488456	1.34782	1.34782	0.411551	1.42776	1.42776	0.163039	1.88039	1.88039	0.772094	0.884115	-1.13108	0.827944	1.09671	1.09671	0.454474	0.723881	-1.38144	0.971316	1.01537	1.01537	0.804365	1.111	1.111	0.565333	1.61049	2.53222	1
cg02967546	WDR81;C17orf91	0.793546	0.499906	1.15663	1.15663	0.7778	1.06196	1.06196	0.624736	1.11043	1.11043	0.544339	1.13927	1.13927	0.134086	1.40959	1.40959	0.592356	1.12169	1.12169	0.692137	0.918914	-1.08824	0.643208	0.905637	-1.1042	0.360095	1.22131	1.22131	0.565332	0.404242	0.635603	1
cg27530871	POLE3;Clkn43;Clkn43;POLE3 B3GALNT1;B3GALNT1;B3GALNT1;B3GA	0.79355	0.315679	1.24837	1.24837	0.689363	0.917671	-1.08971	0.246243	1.29601	1.29601	0.668969	1.09633	1.09633	0.292762	1.26287	1.26287	0.781528	1.06125	1.06125	0.434573	0.843259	-1.18588	0.863644	1.03744	1.03744	0.771578	1.06422	1.06422	0.565326	0.409377	0.643682	1
cg25469234	LNT1;B3GALNT1	0.7935861	0.674535	1.05486	1.05486	0.686832	0.950036	-1.05259	0.754571	0.961116	-1.04046	0.92454	1.01205	1.01205	0.289037	1.14934	1.14934	0.28682	1.15013	1.15013	0.516298	1.08679	1.08679	0.399673	0.896699	-1.1152	0.572878	0.930484	-1.07471	0.565276	0.143185	0.225156	1
cg19084629	FBXW8;FBXW8	0.7935888	0.31423	1.44766	1.44766	0.861125	1.61125	-1.5447	0.076423	1.94203	1.94203	0.856537	1.38284	1.38284	0.887593	1.47656	1.47656	0.398036	1.51508	1.51508	0.385423	0.425137	-2.35119	0.316784	0.451292	-2.21606	0.931711	0.959372	-1.04341	0.565273	5.33951	8.39636	1
cg06022373	GTPBP1	0.7936	0.509815	0.766913	-1.30393	0.688739	1.1733	1.1733	0.652722	1.19697	1.19697	0.34582	0.680204	-1.47015	0.884936	1.05993	1.05993	0.311668	0.660048	-1.51504	0.567495	1.25782	1.25782	0.336033	1.48251	1.48251	0.73889	1.142	1.142	0.565355	1.4104	2.21791	1
cg21168914	TMEM88;TMEM88	0.7936	0.480316	1.44784	1.44784	0.8088	0.923765	1.08355	1.08355	0.774766	1.29355	1.29355	0.590335	0.818717	-1.22139	0.910319	1.22519	0.573161	1.37571	1.37571	0.190907	0.89776	1.28736	1.28736	0.882342	1.13589	1.13589	0.685041	1.12267	1.12267	0.565591	1.42353	2.32086	3.6502	1
cg07647825	SLC46A3;SLC46A3	0.7936838	0.342253	1.62942	1.62942	0.376083	0.635577	-1.57337	0.596315	1.30569	1.30569	0.711135	1.20394	1.20394	0.752691	1.17083	1.17083	0.487256	1.42212	1.42212	0.41362	1.51741	1.51741	0.201271	1.96084	1.96084	0.866513	1.08756	1.08756	0.565202	2.22842	3.50462	1
cg27554565	NPHS1	0.793658	0.45639	1.50026	1.50026	0.494884	1.44866	1.44866	0.573591	1.35538	1.35538	0.320344	1.7317	1.7317	0.41567	1.56032	1.56032	0.553473	1.37788	1.37788	0.789224	0.866515	-1.15405	0.162042	0.42111	2.42111	0.873472	1.08896	1.08896	0.565173	2.5597	4.02582	1
cg09228351	SH2B2	0.793661	0.988289	0.992954	1.00705	0.993894	0.965803	2.16519	2.16519	0.376994	1.58663	1.58663	0.65092	1.29288	1.29288	0.26035	0.510036	0.979564	-1.26005	0.793954	-1.26005	0.991168	0.99438	-1.00565	0.915485	1.18846	1.18846	0.829552	1.11603	1.11603	0.418773	0.656591	-2.52302	0.56517	2.32086	3.6502	1
cg16026760	FEM1A	0.793665	0.249343	0.761698	-1.31286	0.371225	2.2307	2.2307	0.947086	1.01512	1.01512	0.271281	1.29555	1.29555	0.900973	1.02854	1.02854	0.621584	0.893606	-1.11906	0.681162	1.09791	1.09791	0.783655	0.939672	-1.0642	0.611215	1.12289	1.12289	0.565163	0.45753	0.719604	1
cg13778222	MTMR3;MTMR3;NTM;NTM	0.793665	0.840179	0.88494	-1.12994	0.827355	1.13556	1.13556	0.887814	1.09426	1.09426	0.204772	1.24455	1.24455	0.644621	1.14083	1.14083	0.352022	1.76614	1.76614	0.884166	0.817087	-1.09041	0.882305	0.914627	1.09289	1.09289	0.615662	1.17209	1.17209	0.565237	0.851935	1.13418	1
cg24119074	TRIT1	0.793671	0.829086	1.03539	1.03539	0.782866	1.04545	1.04545	0.675062	1.07018	1.07018	0.894134	1.02165	1.02165	0.31667	1.18208	1.18208	0.326806	0.849711	-1.17687	0.782709	1.04548	1.04548	0.267165	0.830297	-1.20439	0.496412	0.894852	-1.1175	0.565155	0.231658	0.364357	1
cg22414262	MYRIP	0.793698	0.222723	0.334321	-2.99114	0.841868	0.842984	-1.18626	0.508108	0.56321	-1.77554	0.594124	0.633139	-1.58394	0.721749	0.736554	-1.35767	0.616536	0.649385	-1.53992	0.391141	0.471738	-2.11982	0.121996	0.238159	-4.19254	0.983595	0.982572	-1.01774	0.565117	6.54439	10.2939	1
cg00839434	DLL1	0.793703	0.152005	1.34305	1.34305	0.797207	0.954388	-1.04779	0.501309	1.12778	1.12778	0.445868	1.11781	1.11781	0.190757	1.32258	1.32258	0.620882	0.856394	-1.16763	0.328861	0.730994	1.368	1.368	0.792303	0.978001	-1.02427	0.612012	0.852962	-1.17239	0.56536	0.865701	1.38611	1
cg03362840	CALD1;CALD1;CALD1;CALD1;CA LD1	0.793703	0.959247	0.976519	-1.02405	0.268579	0.585187	-1.70886	0.151909	0.881782	-2.04173	0.721031	1.18144	1.18144	0.35283	1.09048	1.09048	0.641986	1.24324	1.24324	0.35862	1.08965	1.08965	0.772624	0.873961	-1.14422	0.644105	1.2415	1.2415	0.565109	1.93526	3.04407	1
cg25419086	PUS7	0.793709	0.281303	0.799783	-1.25034	0.546271	0.885301	-1.12956	0.905698	1.02393	1.02393	0.408368	1.18379	1.18379	0.91224	1.02224	1.02224	0.606858	1.10911	1.10911	0.244467	0.784322	-1.27499	0.647293	1.09627	1.09627	0.942044	1.01461	1.01461	0.565101	0.356277	0.560415	1
cg11748127	BTBD9;BTBD9	0.793715	0.550201	0.845001	-1.18304	0.152205	1.4506	1.4506	0.665609	1.11308	1.11308	0.514603	0.858356	-1.16502	0.774853	1.29355	1.29355	0.738331	0.921907	-1.08471	0.677432	0.909534	1.10679	1.10679	0.405529	1.23208	1.23208	0.919339	1.02059	1.02059	0.554429	0.828561	1
cg10924857	CYTSB;CYTSB ATP2A3;ATP2A3;ATP2A3;ATP2A3;ATP2	0.793715	0.389862	2.2051	2.2051	0.283035	2.7452	2.7452	0.561316	0.70192	0.70192	0.23907	3.05073	3.05073	0.524009	1.7943	1.7943	0.344003	2.41695	2.41695	0.226241	3.15942	3.15942	0.374422	2.28281	2.28281	0.5617	1.70101	1.70101	0.565093	7.33579	11.5392	1
cg13561792	A3;ATP2A3;ATP2A3	0.79372	0.496147	0.482779	-2.07134	0.506979	2.03287	2.03287	0.634268	1.65706	1.65706	0.953596	0.940517	-1.06324	0.437912	0.434374	-2.30216	0.466694	2.18264	2.18264	0.250792	0.282367	-3.54149	0.446838	0.441724	-2.26386	0.707025	0.671731	-1.48869	0.565086	9.93881	15.6339	1
cg03630847	LOC100268168;LOC100268168;RPL26L1	0.793725	0.59014	0.556681	-1.79636	0.321354	3.00205	3.00205	0.271872	0.291685	-3.42836	0.59534	0.561339	-1.78146	0.527444	0.50216	-1.9914	?	?	?	0.518744	1.95511	1.95511	0.931467	1.09708	1.09708	0.766437	0.725509	-1.37834	0.563748	8.94605	16.3361	1
cg22090419	CACNA1D;CACNA1D;CACNA1D	0.793729	0.609789	0.78072	-1.28087	0.137488	2.15807	2.15807	0.51421	1.37452	1.37452	0.539144	1.34851	1.34851	0.795208	1.13325	1.13325	0.968948	1.0189	1.0189	0.479819	1.4126	1.4126	0.462557	1.43279	1.43279	0.341592	1.602	1.602	0.565073	2.0697	3.25574	1
cg02666073	IFT81;IFT81;IFT81;IFT81	0.793747	0.805518	0.965747	-1.03547	0.891282	1.03694	1.03694	0.58509	0.865117	-1.15591	0.473246	1.21349	1.21349	0.502669	0.834891	-1.19776	0.808784	1.06643	1.06643	0.819203	1.06261	1.06261	0.493928	0.831705	-1.20235	0.12942	1.54437	1.54437	0.565048	0.629722	0.990629	1
cg18338391	RPF2	0.793769	0.480316	1.44784	1.44784	0.8088	0.923765	1.08355	1.08355	0.774766	1.29355	1.29355	0.590335	0.818717	-1.22139	0.910319	1.22519	0.573161	1.37571	1.37571	0.190907	0.89776	1.28736	1.28736	0.882342	1.13589	1.13589	0.685041	1.12267	1.12267	0.565591	1.42353	2.32086	3.6502	1
cg08828531	SLC36A3;SLC36A3	0.793763	0.772069	1.11954	1.11954	0.854722	0.931226	-1.07385	0.90422	0.954279	-1.04791	0.285841	1.53867	1.53867	0.7068	1.15825	1.15825	0.636103	0.820434	-1.21887	0.294295	1.52634	1.52634	0.398568	0.714624	-1.39934	0.441791	0.737189	-1.3565	0.565024	1.35244	2.12764	1
cg16555761	SF3A1;SF3A1	0.793778	0.94457	0.978712	-1.02175	0.286082	1.44894	1.44894	0.784007	1.01927	1.01927	-1.08782	0.912577	0.965585	-1.03457	0.668445	0.875177	-1.14263	0.866561	1.06258	1.06258	0.277188	0.704874	-1.41869	0.974561	1.0473	1.0473	0.255097	1.4444	1.4444	0.565001	0.859355	1.34418	2
cg21193744	ANGPT2;ANGPT2;ANGPT2;MCPH1	0.79383	0.983842	0.01772	1.01772	0.918819	0.908381	-1.10086	0.247793	0.350613	-2.85215	0.599207	1.58406	1.58406	0.545712	1.66961	1.66961	0.912029	0.908589	-1.10061	0.324819	0.413979	-2.41558	0.332915	0.37827	2.37827	0.722033	1.3632	1.3632	0.56493	6.73179	10.5921	1
cg00960898	GPR101	0.793847	0.51578	0.584231	-1.71165	0.986787	1.0136	1.0136	0.745405	1.3044	1.3044	0.096721	4.42469	4.42469	0.858759	1.15637	1.15637	0.670273	0.70516	-1.41812	0.733166	1.32195	1.32195	0.80095	1.22882	1.22882	0.545543	1.647	1.647	0.564906	5.95197	9.36553	1
cg26439054	TMEM8;TMEM8	0.793854	0.670972	1.37589	1.37589	0.774178	1.15202	1.15202	0.74092	1.14084	1.14084	0.615908	1.54894	1.54894	0.880383	1.51737	1.51737	0.975106	1.02349	1.02349	0.187985	0.352806	-2.83442	0.74168	1.2802	1.2802	0.450755	0.563365	0.563365	0.564977	4.9891	7.85057	1
cg04850055	UBR3	0.793903	0.258	0.673986	-1.48371	0.467652	0.781114	-1.28022	0.573971	0.826975	-1.20922	0.218876	0.649048	-1.54072	0.467155	0.945576	-1.05756	0.691479	0.875173	-1.14263	0.216318	0.647325	-1.54482	0.873836	0.95455	1.05455	0.423672	0.760982	-1.31409	0.564827	2.99532	1.573	1
cg25479732	RNUSE;RNUSD;CKMT2;CKMT2;CKMT2	0.793904	0.577492	0.724925	-1.37945	0.863751	1.10316	1.10316	0.460942	1.53585	1.53585	0.370849	1.69094	1.69094	0.478346	0.662301	-1.50989	0.486756	0.667683	-1.49772	0.344054	0.572836	-1.7457	0.601514	0.73993	-1.35148	0.553703	1.4084	1.4084	0.564825	2.92319	4.60034	1
cg09592463	PSME3;PSME3;AOC2;AOC2	0.793916	0.792735	1.13989	1.13989	0.157974	2.11812	2.11812	0.136719	2.21902	2.21902	0.64583	1.25868	1.25868	0.796324	1.13723	1.13723	0.706023	1.20732	1.20732	0.260132	0.61403	1.24607	1.24607	0.993476	0.999943	-1.00407	0.884916	0.930524	-1.07466	0.564808	2.21123	3.48001	1
cg14004527	DI53;DI53;PIBF1;PIBF1	0.79392	0.530816	0.825175	-1.21144	0.764155	1.23296	1.23296	0.478728	0.903955	1.10989	0.415897	2.21989	2.21989	0.588277	1.35257	1.35257	0.875547	1.16313	1.16313	0.197058	0.849823	-1.05283	0.147479	0.150563	1.15053	1.15053	0.55384	1.08544	1.08544	0.564806	0.76052	0.263853	1
cg06154903	EHD1	0.793932	0.486642	0.499974	-2.00011	0.452366	0.471973	-2.11876	0.898598	0.882467	-1.13339	0.952449	0.943193	-1.06023	0.347435	0.387207	-2.5826	0.204774	0.269216	-3.71448	0.26339	0.319138	-3.13344	0.277815	0.330613	-3.02469	0.986867	1.01627	1.01627	0.564786	8.60338	13.5405	1
cg08441249	ADAM32	0.793935	0.532244	1.51423	1.51423	0.852705	1.48042	1.48042	0.15869	0.682007	1.74031	0.814374	1.14975	1.14975	0.594927	1.26997	1.26997	0.774914	1.29044	1.29044	0.144521	0.77291	1.54862	1.49161	1.49161	0.234174	0.26382	3.79063	0.623743	1.38301	1.38301	0.564752	3.84745	6.02535	1
cg24931094	MCTS1;MCTS1;MCTS1 BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC	0.793938	0.656791	0.516143	-1.93745	0.946346	0.905263	-1.10465	0.737565	1.64433	1.64433	0.427017	3.31806	3.31806	0.375437	4.31645	4.31645	0.355253	2.45033	-4.08108	0.307686	0.209806	-4.76631	0.67881	1.89328	1.89328	0.870808	1.76996	1.76996	0.564776	19.5627	30.7893	1
cg10477153	AR1;BCAR1;BCAR1;BCAR1	0.793939	0.710332	1.06081	1.06081	0.729252	0.946507	-1.05652	0.930526	1.01389	1.01389	0.38744	1.15046	1.15046	0.397345	1.14697	1.14697	0.498618	1.11482	1.11482	0.184078	1.24976	1.24976	0.712519	1.06031	1.06031	0.44648	0.88446	-1.13063	0.564776	0.223929	0.352437	1
cg01630567	C9orf82;C9orf82	0.793947	0.125596	0.749229	-1.3347	0.96192	0.991719	-1.00835	0.771894	0.950632	-1.05193	0.798173	1.04564	1.04564	0.994764	0.949015	-1.05372	0.856032	0.968863	-1.03214	0.955609	0.990351	-1.00974	0.580323	1.10216	1.10216	0.335041	1.18905	1.18905	0.564765	0.271348	0.427077	1
cg27260684	KIAA0513	0.79395	0.73245	1.3484	1.3484	0.594116	1.21344	1.21344	0.711588	1.17588	1.17588	0.203442	1.24728	1.24728	0.684662	1.08277	1.08277	0.222655	1.64265	1.64265	0.13084	1.85059	1.85059	0.391881	1.70884	1.70884	0.69364	0.784578	1.27469	0.564745	0.38575	0.52978	1
cg01179674	SERINC3;SERINC3	0.793967	0.58671	1.18687	1.18687	0.615586	1.17

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(21T vs. N)	Fold-Change(21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg13245817	TNS3	0.794524	0.350574	0.47052	-2.12531	0.432936	1.98533	3.985033	0.409974	2.05874	2.05874	0.595717	1.58233	1.58231	0.247979	0.355219	-1.81516	0.808637	0.805057	-1.24225	0.705003	0.725233	-1.37887	0.689244	0.691851	-1.4454	0.719533	0.734174	-1.36207	0.683948	0.50938	10.3388	1
cg04849788	KPNA4	0.794536	0.60239	0.941564	-1.06206	0.760463	0.965577	-1.03565	0.661986	0.950855	-1.05169	0.511415	0.926496	-1.07934	0.171735	0.846481	-1.18136	0.889041	1.01612	1.01612	0.455269	0.916566	-1.09103	0.562066	0.935052	-1.06946	0.342937	1.11843	1.11843	0.563932	0.11721	0.184751	1
cg21731304	NMNAT3	0.794554	0.228503	0.414362	-2.41335	0.522178	0.63625	-1.57171	0.913244	0.926845	-1.07893	0.76901	0.814423	-1.22786	0.295777	0.469658	-2.12921	0.311568	0.48202	-2.0746	0.190408	0.380379	-2.62895	0.525327	0.638486	-1.5662	0.572699	0.672115	-1.48784	0.563906	4.33968	6.840671	1
cg27402591	TUT1	0.794575	0.406991	0.430618	-2.32224	0.890555	1.14662	1.146621	0.7	?	?	?	0.2812	0.312738	0.22313	0.82123	?	?	0.464044	-2.17182	0.635768	0.622574	-1.60624	0.859596	1.192228	1.192228	0.524965	0.3799	13.88812	1
cg09285543	MEG3;MEG3;MEG3	0.794588	0.820997	0.873198	-1.14522	0.132675	2.63987	2.639874	0.458384	1.57108	0.780846	0.61447	1.03144	0.932214	1.05222	1.05222	0.521748	1.44779	1.47479	0.428888	1.62124	1.62124	0.368578	1.73767	1.73767	0.381337	7.71125	7.71125	0.563857	3.1968	5.03957	1
cg21043273	EML4;EML4	0.794591	0.420914	1.421188	1.421188	0.225138	1.72525	1.725225	0.164569	1.88661	1.88661	0.658378	1.20984	1.209844	0.646115	0.820407	-1.21886	0.521045	1.33939	1.33939	0.990402	1.00516	1.00516	0.640789	1.22283	1.22283	0.712942	1.17139	1.17139	0.563853	1.63651	2.57989	1
cg22602125	GSPT2	0.794593	0.377311	0.629805	-1.58779	0.303052	0.580152	-1.72369	0.544784	1.36727	1.36727	0.93558	1.04212	1.04212	0.380718	0.631989	-1.58231	0.323557	0.594305	-1.68264	0.44395	0.671443	-1.48933	0.89701	1.06833	1.06833	0.705474	1.21383	1.21383	0.563851	2.32606	3.66694	1
cg16145959	SPATS1	0.794598	0.206746	0.291808	-3.43599	0.785127	1.2876	1.2876	0.339225	1.49972	1.49972	0.846599	1.1962	1.1962	0.254238	0.532482	-1.60768	0.883921	0.873605	-1.14468	0.620214	0.629994	-1.58732	0.433106	0.29572	0.095372	0.983221	1.01964	1.01964	0.563843	7.63985	12.0441	1
cg24241129	TMCO1	0.794601	0.686147	1.246639	1.246639	0.262821	1.30173	1.30173	0.159657	2.33655	2.33655	0.70573	1.03396	1.03396	0.707	1.03396	1.03396	0.878704	1.08605	1.08605	?	?	?	?	0.965325	1.02377	1.02377	0.490219	1.3866	2.35711	1
cg08496404	ISOC2;ISOC2;ISOC2	0.794622	0.940807	0.975331	-1.02529	0.298856	1.43645	1.43645	0.268346	1.4737	1.4737	0.633139	0.850662	-1.17555	0.893025	0.955754	-1.04629	0.549149	0.81557	-1.22614	0.410268	1.3274	1.3274	0.887839	1.04861	1.04861	0.474522	0.783003	-1.27713	0.56381	1.01017	1.59262	1
cg23402060	HOXD1	0.794625	0.358034	1.66841	1.66841	0.206643	1.32722	1.327222	0.182752	1.72722	1.7272	0.478821	1.47596	1.475956	0.277383	0.933557	-1.07107	0.693959	1.12842	1.12842	0.190055	0.811441	-1.23283	0.380395	0.83448	1.83448	0.195811	2.09529	2.09529	0.563805	2.61077	4.11603	1
cg05811567	SRGAP2;SRGAP2;SRGAP2	0.79463	0.741721	1.05781	1.057881	0.520144	1.11716	1.117156	0.641898	0.923495	-1.08284	0.437689	1.14401	1.14401	0.965527	1.00737	1.00737	0.180443	1.27341	1.27341	0.484418	1.12834	1.33968	1.33968	0.362802	-1.16007	0.774661	1.04999	1.04999	0.563798	0.257875	0.406569	1
cg16181803	MMP15	0.794646	0.267465	0.75824	-1.31884	0.364928	0.800078	1.24886	0.643855	0.894422	-1.11799	0.729626	0.686407	1.108967	0.813892	0.945071	-1.05812	0.383573	1.28905	1.28905	0.124025	1.12405	0.694839	1.09834	0.998304	0.483826	1.18586	1.18586	0.563776	0.512475	0.808004	1
cg22096145	IGFALS;IGFALS;IGFALS	0.794651	0.987227	0.983718	-1.03255	0.160235	0.65729	-4.65729	0.224329	3.70205	3.70205	0.563123	0.549116	-2.82111	0.764922	1.36003	1.36003	0.632886	0.6105	1.638	0.887352	1.15644	1.15644	0.808086	1.28343	1.28343	0.880881	1.16622	1.16622	0.563768	0.38869	14.8031	1
cg11031527	FGFRL1;FGFRL1;FGFRL1	0.794673	0.399024	0.760445	-1.31502	0.996571	0.998638	-1.00136	0.534405	1.22082	1.22082	0.545454	1.21418	1.214183	0.292439	0.707479	-1.41347	0.413915	1.30331	1.30331	0.756106	0.905907	-1.10387	0.593559	1.188	1.188	0.461907	1.26813	1.26813	0.563737	0.898171	1.41622	1
cg24520755	MSRA;MSRA;MSRA	0.794675	0.720325	1.28986	1.28986	0.247458	2.15468	2.154683	0.204189	2.41194	2.41194	0.551296	1.53232	1.532232	0.949961	1.04544	1.04544	0.528904	1.57085	1.57085	0.60864	1.44142	1.44142	0.310418	2.54565	2.54565	0.733389	0.785004	-1.27388	0.563734	4.47547	7.05687	1
cg07113546	CPOX	0.794688	0.17663	0.823619	-1.21415	0.835834	0.972357	-1.02843	0.82274	1.03078	1.03078	0.296115	0.86385	-1.15761	0.783221	1.03796	1.03796	0.275618	1.857943	-1.16558	0.446415	0.900463	-1.11054	0.61769	0.934279	-1.07034	0.857239	0.975967	-1.02462	0.563727	0.162944	0.256931	1
cg11728145	PXDN	0.794689	0.287053	1.63549	1.63549	0.954098	0.97177	-1.02595	0.308169	1.59903	1.59903	0.98188	0.987908	-1.01224	0.66052	0.821453	-1.21735	0.187577	1.86172	1.86172	0.713529	1.17832	1.17832	0.549549	1.30926	1.30926	0.46393	1.39338	1.39338	0.563715	1.76808	2.78798	1
cg08446187	MTCP1NB;MTCP1NB;BRCC3;MTCP1;BRCC3	0.79469	0.229271	0.0816244	-12.2512	0.86834	0.721002	-1.38696	0.992996	1.01745	1.01745	0.280557	0.2478	0.2478	0.608189	2.77522	2.77522	0.466807	0.231378	-4.32193	0.969442	0.927262	-1.07844	0.551457	0.28704	0.28704	0.783646	1.72082	1.72082	0.559952	33.7416	46.8573	1
cg23587737	BRP44L	0.794703	0.330309	0.711462	-1.40556	0.676965	0.184097	1.18499	0.269229	1.04387	1.04387	0.636635	0.891666	1.1755	0.464878	0.777019	-1.28669	0.792145	0.914384	-1.09363	0.225477	0.649603	-1.5394	0.780757	1.09917	1.09917	0.415481	1.32586	1.32586	0.563686	1.0253	1.61682	1
cg25759517	PYCR1;PYCR1	0.794719	0.379558	1.23688	1.23688	0.647034	0.896973	-1.11486	0.215369	0.735245	-1.36009	0.734274	1.08367	1.083671	0.534703	1.15984	1.15984	0.610723	1.12871	1.12871	0.748436	1.12839	1.33968	1.33968	0.362802	-1.16007	0.774661	1.04999	1.04999	0.563798	0.257875	0.406569	1
ch.19.11474969	FXYD5;FXYD5;FXYD5;FXYD5	0.794727	0.596482	0.698268	-1.43211	0.413977	1.75738	1.757378	0.613766	1.16981	1.16981	0.41832	1.55737	1.557371	-1.74346	0.773134	0.823429	-1.21443	0.260211	0.458857	-2.17933	0.628118	1.12405	1.12405	0.696839	1.09834	1.083826	1.18586	1.18586	0.563776	0.512475	0.808004	1
cg12698349	CUL3	0.794752	0.181554	11.6177	11.6177	0.447611	0.267507	-3.73822	0.723225	0.547404	-1.8268	?	?	?	0.587955	2.53153	2.53153	0.488415	1.3127	1.3127	0.927924	1.16544	1.16544	0.741379	1.75261	1.75261	0.903318	1.22833	1.22833	0.539021	20.6914	28.7903	1
cg07187863	BAI2;BAI2	0.794752	0.495893	0.700694	-1.42716	0.362416	0.617823	-1.61859	0.681388	1.2366	1.2366	0.959955	1.00003	1.00003	0.988052	0.394137	-2.53719	0.576968	0.748345	-1.33628	0.790049	0.871734	-1.14714	0.882505	0.926745	-1.07905	0.704465	0.821987	-1.21656	0.563825	2.36219	3.72539	1
cg09049982	ITCH	0.794769	0.314016	1.409641	1.409641	0.210423	0.964312	-1.03703	0.59297	1.039597	1.039597	0.459502	1.23221	1.232206	0.64884	1.20013	1.20013	0.526304	1.45659	1.45659	0.802497	0.928845	-1.08096	0.744103	1.1591	1.1591	0.563602	1.14062	1.14062	0.564122	1.0253	1.61682	1
cg13619988	KIAA0586;TIMM9	0.794789	0.497346	0.882134	-1.13361	0.609707	1.09824	1.09824	0.653408	1.08575	1.08575	0.153871	0.757391	-1.32032	0.85993	1.03266	1.03266	0.922631	1.01784	1.01784	0.394349	0.853175	-1.17209	0.639215	0.917649	-1.08974	0.667529	1.08183	1.08183	0.563573	0.295603	0.466378	1
cg05445825	DOM3Z;STK19;DOM3Z;STK19;STK19	0.79483	0.634223	1.13822	1.13822	0.259353	1.37412	1.37412	0.903183	1.24848	1.24848	0.788373	-1.26843	0.651029	1.28869	1.28869	1.28869	0.978344	1.00396	1.00396	1.00726	1.00726	0.609319	1.4929	1.14928	0.545666	0.849164	-1.17653	0.921555	0.873745	-1.02696	0.563553	0.651176	1.0271	1
cg14330027	GPPT1	0.794851	0.481154	1.46901	1.46901	0.738322	1.19731	1.19731	0.819473	0.884459	-1.13063	0.230341	1.96579	1.96579	0.333811	0.585431	1.70814	0.39695	1.59342	1.59342	0.709764	1.22237	1.22237	0.819014	1.131	1.131	0.142054	1.58491	1.58491	0.563485	2.57447	4.06118	1
cg20986370	IGFBP7	0.794858	0.214512	0.269499	-3.71059	0.969625	0.962514	-1.03895	0.85601	0.833388	-1.19992	0.238857	0.290033	-3.44788	0.307368	0.346367	-2.88711	0.282952	0.326467	-3.0631	0.893473	0.874209	-1.14389	0.78928	0.764324	-1.30835	0.843717	1.21902	1.21902	0.563476	8.98492	14.1738	1
cg14061491	GNAQ	0.794863	0.180164	0.482202	-2.07453	0.508993	0.76863	-1.30157	0.608999	1.04387	1.04387	0.636635	0.891666	1.1755	0.464878	0.777019	-1.28669	0.352602	0.61238	-1.6327	0.482071	0.513662	-1.0945	0.66972	0.802003	-1.24593	0.490686	0.698539	-1.43156	0.563468	0.2053	0.61682	1
cg18849301	NCKIPSD;NCKIPSD	0.794865	0.216486	1.48225	1.48225	0.30406	1.38068	1.38068	0.764006	1.09539	1.09539	0.352742	1.33558	1.33558	0.897786	1.03965	1.03965	0.934832	0.975556	-1.02506	0.684114	0.883571	-1.13177	0.304086	1.38001	1.38001	0.461141	1.25488	1.25488	0.563466	0.817207	1.28918	1
cg13349179	SLC2A12	0.794867	0.986048	1.013902	1.013902	0.853284	0.9797	-1.02072	0.283278	1.30405	1.30405	0.463027	1.10881	1.10881	0.802063	1.03534	1.03534	0.861572	1.04441	1.04441	0.215371	0.835909	-1.19703	0.737225	0.95274	-1.0496	0.930326	0.987981	1.02117	1.02117	0.563464	0.560515	0.860469	1
ch.10.1676711	DLG5	0.79487	0.956424	1.06446	1.06446	?	?	?	?	?	?	?	?	?	?	?	?	0.31439	0.304341	-3.28579	0.536379	0.488792	-2.04586	0.551672	0.502327	-1.99074	0.382581	0.359087	-2.78484	0.461744	3.10346	18.4014	1
cg02257681	DDAH2;DDAH2	0.79487	0.7	?	?	0.758582	0.817212	-1.22357	0.567884	1.45725	1.45725	0.574478	1.45045	1.45045	0.44233	1.70272	1.70272	0.3174	1.9736	1.9736	?	?	?	0.640838	0.56846	-1.75914	0.764824	1.21706	1.21706	0.521835	2.69549	5.16541	1
cg10303662	FARP1	0.794879	0.955886	0.969192	-1.03104	0.353744	0.603818	-1.65613	0.518949	0.707737	1.41309	0.602318	0.442021	1.48538	0.408138	0.638075	-1.56721	0.802006	0.8756	-1.14207	0.620279	1.05401	1.05401	0.800838	0.252373	1.88169	1.88169	0.625521	0.771006	0.863298	0.24972	0.39367	1
cg21555099	ZBTB16;ZBTB16	0.79488	0.391461	1.68445	1.68445	0.847657	0.121	2.121	0.854443	1.11523	1.11523	0.249528	2.04361	2.04361	0.850481	1.11859	1.11859	0.153429	2.47882	2.47882	0.355789	1.75787	1.75787	0.394963	1.67768	1.67768	0.526788	1.46354	1.46354	0.563431	3.14727	4.96525	1
cg25646780	PDE1C;Ref64	0.794879	0.602465	1.66012	1.66012	0.157051	1.08063	1.08063	0.544564	1.09956	1.09956	0.956475	1.08772	1.087718	0.99173	1.00005	1.00005	0.802527	1.1302	1.1302	0.446009	1.1041	1.1041	0.599403	1.11852	1.11852	0.554343	0.767941	0.842409	1.11862	1.11862	0.563443	0.767941	0.842409	1
cg00019778	IGF2R	0.794891	0.181119	0.825795	-1.21095	0.844981	0.973954	-1.02674	0.346904	1.13949	1.13949	0.549398	0.921583	-1.08509	0.585756	0.928487	-1.07702	0.565058	0.924585	-1.08157	0.340262	0.875906	-1.14167	0.700239	0.940184	-1.06354	0.842215	0.973489	-1.02723	0.563428	0.162181	0.255863	1
cg07363962	IL7;IL7	0.794896	0.817496	0.946556	-1.05646	0.847983	1.04666	1.04666	0.865731	1.04103	1.04103	0.183671	0.715219	-1.39817	0.702568	0.912867	-1.09545	0.947085	1.0159	1.0159	0.83574	1.05057	1.05057	0.592196	0.87943	-1.1371	0.213841	1.3648	1.3648	0.563422	0.503818	0.794855	1
cg11882358	LOC151225	0.794901	0.934247	1.07817	1.07817	0.734162	0.72979	-1.3649	0.630964	0.856511	-1.16729	0.494107	0.98475	-1.01548	0.97893	1.02088	1.02088	0.926503	1.01163	1.01163	0.78993	1.00716	1.00716	0.609319	1.4929	1.14928	0.545666	0.849164	-1.17653	0.921555	0.873745	-1.02696	0.563553	0.651176	1.0271	1
cg09202319	PFDN6;WDR46;WDR46	0.794916	0.522629	1.35764	1.35764	?	?	?	?	0.943802	0.967281	-1.03383	0.779138	0.508905	-1.965	?	?	0.59363	1.59542	1.59342	0.709764	1.22237	1.22237	0.819014	1.131	1.131	0.142054	1.58491	1.58491	0.563485	2.57447	4.06118	1
cg08727202	MPST;MPST;MPST;TST;MPST;MPST	0.794933	0.44736	1.53731	1.53731	0.433555	1.61565	-1.15869	0.31935	1.78274	1.78274	0.162837	1.32934	1.329344	0.382934	0.608532	-1.6433	0.811988	0.876092	-1.14143	0.488443	0.676572	1.48004	-1.14764	0.517394	1.49366	1.49366	0.709722	0.907162	1.10276	0.14949	0.23761	1
cg06141346	MED17	0.794934	0.528139	0.883286	-1.13214	0.719849	1.07244	1.07244	0.458465	1.15788	1.15788	0.512707	0.879049	-1.13759	0.171477	0.753752	-1.3267	0.356585	0.831841	-1.20215	0.789885	0.949465	-1.05322	0.559882	0.891834	-1.12129	0.836855	0.960754	-1.04085	0.563368	0.33641	0.530792	1
cg20674419	SRI	0.794948	0.496068	0.868942	-1.15062	0.156555	1.08607	1.38607	0.676562	0.959562	-1.02394	0.782898	0.855783	-1.16832	0.484832	0.865451	-1.15545	0.497202	0.869098	-1.15063	0.610176	0.977239	-1.02324	0.680705	0.978913	-1.02154	0.910176	0.987797	-1.01287	0.563557	0.206969	0.58328	1
cg00042837	LASP1	0.794956	0.559611	1.1	1.4743	0.623081	1.38534	1.38534	0.859408	1.09094	1.09094	0.376096	1.81071	1.81071	0.912551	0.933905	1.07077	0.40861	1.74379	1.74379	0.764539	0.820659	-1.21853	0.11685	1.06779	1.06779	0.822652	1.862683	1.862683	0.563532	3.86253	6.09475	1
cg02006639	HPN;HPN	0.79497	0.441982	1.73414	1.73414	0.237969	2.38216	2.38216	0.633453	1.40124	1.40124	0.783593	1.21327	1.21327	0.399398	1.8327	1.8327	0.98768	1.01072	1.01072	0.13718	1.07778	1.07778	0.599826	1.45026	1.45026	0.889146	0.906711	-1.10289	0.563317	4.39916	6.94168	1
cg10235741	DNASE1L3;DNASE1L3	0.794985	0.480109	0.774373	-1.29109	0.456568	1.21722	1.217222	0.177751	1.57348	1.57348	0.758823	0.907192	-1.10234	0.566487	1.20128	1.20128	0.352602	0.61238	-1.6327	0.482071	0.513662	-1.0945	0.66972	0.802003	-1.24593	0.490686	0.698539	-1.43156	0.563468	0.2053	0.61682	1
cg14271023	MLPH;MLPH	0.795005	0.481312	1.91889	1.91889	0.709168	0.710958	-1.40655	0.915129	0.907495	-1.10193	0.155726	0.250819	-3.98695	0.996788	0.996341	-1.00367	0.453638	0.20385	0.20385	0.047296	0.745004	-1.34227	0.482182	0.52183	-1.91633	0.666296	1.48445	1.48445	0.563268	7.39621	11.6719	1
cg11947195	OSI3;OSI3;OSI3;OSI3	0.795013	0.626629	1.15276	1.15276	0.710989	0.881468	-1.13447	0.288007	1.45338	1.45338	0.76609	1.09953	1.09953	0.684007	0.870435	-1.1488	0.763293	1.10781	1.10781	0.165006	0.605268	-1.65216	0.993489	1.00268	1.00268	0.621489	0.844752	-1.18378	0.563256	1.02513	1.61779	1
cg07283380	ARHGAP5;ARHGAP6	0.795025	0.227664	0.131197	7.62455	0.834043	0.741065	-1.38652	0.893846	1.2368	1.2368	0.2904	0.71445	1.71445	0.409259	0.83237	1.83237	0.155696	0.368471	2.71393	0.184	0.354524	-2.82453	0.858632	0.92615	1.08418	1.08418	0.730405	1.36884	1.36884	0.563454	22.605	35.6746	1
cg25309564	C22orf41	0.795027	0.974057	1.03405	1.03405	0.886008	1.20006	1.20006	0.834794	0.765182	-1.30688	0.526671	2.25729	2.25729	0.834413	1.3077	1.3077	0.74037	1.53138	1.53138	?	?	?	0.645583	1.81028	1.81028	0.119872	0.115037	-8.69285	0.545814	12.6203	21.1219	1
cg26306836	SNORD58A;SNORD58B;RPL17;RPL17	0.795046	?	?	?	?	2.04729	2.514229	0.164468	1.62678	1.62678	0.643235	2.1409	2.140897	0.474157	2.1409	2.1409	0.898334	1.08079	1.08079	0.407062	0.646072	-1.54782	0.49414	0.49534	0.492737	0.480573	0.640074	0.632871	-1.5804	0.563501	0.4537	0.7855	1
cg05712903	RUFY1	0.795058	0.34545	1.94457	1.94457	0.761446	1.2317	1.2317	0.962101	0.968001	-1.03106	0.548898	1.45868	1.45868	0.793649	1.19652	1.19652	0.26182	2.22743	2.22743	0.231025	0.423201	-2.36294	0.907734	0.98259	1.08259	0.767925	0.816666	-1.2245	0.563193	4.17836	6.59472	1
cg25117976	UGDH	0.795061	0.229934	1.9795	1.9795	0.861416	0.909752	-1.0992	0.57865	1.18069	1.18069	0.915183	1.05936	1.059356	0.263477	1.87948	1.87948	0.343586	1.60222	1.60222	0.650159	1.38038	1.38038	0.79131	1.14801	1.14801	0.429826	0.640722	-1.56074	0.563189	2.61351	4.12494	1
cg08315834	ACBD7	0.795069	0.763328	1.06218	1.06218	0.58964	1.14321	1.14321	0.933235	1.01688	1.01688	0.912665	1.02216	1.022156	0.724256	0.932263	1.07266	0.093074	0.691369	1.44641	0.588742	0.89669	-1.11521	0.999874	0.999968	-1.00003	0.913787	0.02187	1.02187	0.563177	0.359948	0.56181	1
cg03142905	LRRC1	0.79507	0.418363	1.32307	1.32307	0.991789	1.00349	1.00349	0.979595	0.991379	-1.0087	0.596739	1.19814	1.19814	0.608468	0.83953	-1.19114	0.368839	1.05754	1.05754	0.111315	1.79893	1.79893	0.883853	1.05073	1.05073	0.591276	0.83234	-1.20143	0.563175	1.02223	1.61344	1
cg07217030	SLC45A4	0.795138	0.307083	1.69742	1.69742	0.67294	1.14021	1.14021	0.177751	1.57348	1.57348	0.758823	0.907192	-1.10234	0.566487	1.20128	1.20128	0.649502	1.51382	1.51382	0.15973	1.47542	1.47542	0.289178	1.46154	1.46154	0.59932	1.59932	1.59932	0.674875	1.767747	2.80355	0.52527	1
cg25273860	TGM3	0.795148	0.964942	0.991345	-1.00873	0.908979	0.997742	-1.00226	0.350211	1.20945	1.20945	0.924131	1.01902	1.01902	0.641357	1.09722	1.09722	0.18864	0.759222	-1.31714	0.480921	1.15222	1.15222	0.684298	1.08421	1.08421	0.477675	0.866948	-1.15367	0.563065	0.348798	0.555633	1
cg14946389	GPC6	0.795148	0.376734	0.693337	-1.44217	0.989177	0.994603	-1.00543	0.888835	1.22901	1.22901	0.748215	0.746696	-1.33923	0.662352	1.19182	1.19182	0.388885	0.728117	1.37328	0.984467	1.0078	1.0078	0.974446	1.18378	1.18378	0.263616	1.5967	1.5967	0.563246	1.0253	1.61682	1
cg00105606	FA2H	0.795153	0.786191	1.22656	1.22656	0.785051	0.814378	-1.22793	0.909065	1.0896	1.0896	0.996942	0.997125	-1.00288	?	?	?	0.481011	0.583932	-1.71253	0.536223	0.624738	-1.60067	0.351985	0.25315	0.25315	0.206938	2.717228	2.717228	0.545633	3.33294	7.94113	1
cg19757478	RGS12;RGS12;RGS12	0.795157	0.909705	0.963708	-1.03766	0.512194	0.805251	-1.24185	0.829612	1.07275	1.07275	0.219422	0.656518	-1.52319	0.340718	0.726206	-1.37702	0.657843	0.864816	-1.15632	0.532731	0.813924	-1.22862	0.322562	1.39508	1.39508	0.836533	0.934896	-1.06964	0.563452	0.946796	1.49471	1
cg02068660	COLEC11;COLEC11	0.795162	0.788076	1.23035	1.23035	0.732095	2.92501	2.925011	0.442977	2.62143	2.62143	0.742493	1.24243	1.242433	0.907506	1.09512	1.09512	0.771397	0.777968	1.28565	0.41185	0.720045	1.38994	1.38994	0.719592	1.45925	1.45925	0.591717	1.41896	1.41896	0.563457	1.73245	2.88047	1
cg10066151	ZNF547;TRAPPC2P1;ZNF547	0.79517	0.65854	1.10412	1.10412	0.541425	0.871387	-1.1476	0.771868	1.06688	1.06688	0.19516	0.737015	-1.35683	0.74444	0.929745	-1.07556	0.628974	1.11452	1.11452	0.891876	0.970166	-1.03075	0.368673	1.29248	1.29248	0.816679	1.05307	1.05307	0.563034	0.442254	0.698206	1
cg11581979	DPP3;DPP3	0.795176	0.553323	0.830551	-1.20434	0.710537	1.22377	1.22377	0.780975	0.932358	-1.07306	0.347547	1.04048	1.04048	1.35045	0.859376	1.16359	1.35045	0.741275	1.35045	0.759334	0.904683	1.10195	1.10195	0.354756	0.74998	1.34409	0.865159

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(111T 057 vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 237 vs. N)	Fold-Change(121T vs. N)	p-value(121T 247 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T 637 vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S6(Test)	S5(Error)	F(Error)
cg13339034	FBXO5;FBXO9;FBXO9	0.795882	0.381066	0.764238	-1.94546	0.530757	1.23334	1.233334	0.362218	1.3625	1.3625	0.83816	0.934684	-1.00888	0.943306	1.02377	1.02377	0.342272	0.723846	-1.38151	0.2823351	0.692015	-1.44506	0.6982211	0.6728866	-1.14565	0.9001888	0.9959403	1.04231	0.5826206	0.9791012	1.53573	1
cg01186240	FOXN3	0.795886	0.509062	0.836057	-1.19609	0.9857222	1.00606	1.00606	0.521826	1.24498	1.24498	0.199953	1.57931	1.57931	0.636753	1.17416	1.17416	0.603663	1.19335	1.19335	0.6987777	1.14025	1.14025	0.163832	1.65114	1.65114	0.8260077	1.07714	1.56202021	1.01396	1.60368	1
cg07918799	ZC3H7B	0.7959	0.97897	1.05761	1.05761	0.992392	0.979944	-1.02047	0.700325	2.27447	2.27447	0.93543	0.84184	-1.18787	0.863376	0.693527	-1.4419	0.938031	0.847712	-1.17965	0.634634	0.3615599	-2.76549	0.8657717	0.6979441	-1.43279	0.07486118	67.7357	67.7357	0.5616997	40.186	63.5607	1
cg02360514	FOSB;FOSB	0.795905	0.5356982	0.660423	-1.51418	0.486718	0.626587	-1.59595	0.689149	0.911877	-1.09664	0.534944	0.659908	-1.51536	0.344631	0.52524	-1.90389	0.523247	0.651847	-1.534	0.235237	0.439153	-2.27711	0.170878	0.381153	-2.62362	0.813009	1.1697	1.1697	0.5619944	3.89459	6.159951	1
cg25479602	USP36	0.795906	0.985469	0.99376	-1.00628	0.760907	0.900421	-1.11059	0.599025	0.833305	-1.20004	0.222019	1.55444	1.55444	0.758076	0.89926	-1.11203	0.548051	0.81147	-1.23233	0.220796	1.55644	1.55644	0.779585	1.10123	1.10123	0.673824	1.15662	0.5616993	0.50139	1.66295	1
cg14878357	GOLPH3	0.79591	0.805248	1.11916	1.11916	0.760202	0.869764	-1.14974	0.293928	1.64668	1.64668	7	0.339533	0.637276	-1.56918	7	7	7	0.446345	0.7093666	-1.40973	0.669836	0.8221008	-1.21639	0.8134429	0.8978621	-1.11376	0.520302	1.30228	2.50295	1
cg19854900	SDK1;SDK1	0.795914	0.593755	0.754085	-1.32611	0.705405	1.22031	1.22031	0.79659	0.873352	-1.14501	0.659741	0.792731	-1.26146	0.163124	0.458224	-2.18234	0.378245	0.622543	-1.60631	0.581539	1.33886	1.33886	0.571339	1.34972	1.34972	0.583077	0.747808	-1.33724	0.5619881	2.44616	3.86911	1
cg18587837	SLC24A4;SLC24A4	0.79592	0.524781	1.39828	1.39828	0.119932	0.24697	2.404997	0.782268	1.15499	1.15499	0.710168	1.21431	1.21431	0.596206	1.3209	1.3209	0.708672	1.14219	1.14219	0.6645617	0.6802232	-1.47011	0.6342958	0.7978373	-1.38308	0.7023174	1.22122	1.22122	0.5619372	2.4081	3.80897	1
cg11247116	VARS;VARS	0.79592	0.334312	0.771182	-1.29336	0.8579	0.344307	1.74739	0.047339	0.655881	1.53284	1.899612	0.969727	1.039552	0.613416	0.837355	1.19447	0.533293	1.17704	1.17704	0.972107	0.979515	-1.02721	0.1315565	1.52278	1.52278	0.626047	1.13527	1.13527	0.5619697	0.594	0.939553	1
cg16767886	NUDT3	0.795925	0.743576	1.22645	1.22645	0.888206	0.916251	-1.0914	0.812324	1.1594	1.1594	0.547692	1.45984	1.45984	0.588536	1.40443	1.40443	0.499918	1.53086	1.53086	0.0739055	3.45116	3.45116	0.539204	1.47193	1.47193	0.782358	1.18792	1.18792	0.5619651	3.44162	5.44378	1
cg04639467	PIBT2	0.795925	0.800759	1.07117	1.07117	0.956579	0.910101	-1.09852	0.722363	0.821118	-1.21785	0.492993	1.14532	1.14532	0.615898	1.24556	1.24556	0.2945	1.12301	1.12301	0.4118394	1.14532	1.14532	0.415576	1.17598	1.17598	0.940051	0.985449	1.014772	0.5619665	0.338036	0.534089	1
cg09788879	GOT1	0.795948	0.210212	0.574185	-1.7416	0.437934	0.717161	-1.39439	0.958082	0.978157	-1.02233	0.719843	1.36328	1.36328	0.814802	0.7065	-1.41543	0.929398	1.04848	1.04848	0.765873	0.8822387	-1.15971	0.8645214	0.9076532	-1.10177	0.6718669	1.23369	1.23369	0.5619911	2.19084	3.44527	1
cg19272062	ZNF121	0.795963	0.207237	0.516887	-1.93496	0.785802	0.873778	-1.14472	0.992518	0.995358	-1.00466	0.189905	0.502143	-1.99161	0.313626	0.596293	-1.67703	0.929398	1.04848	1.04848	0.765873	0.8822387	-1.15971	0.8645214	0.9076532	-1.10177	0.6718669	1.23369	1.23369	0.5619911	2.19084	3.44527	1
cg16881398	TEX11;TEX11	0.795966	0.497286	0.866332	-1.15426	0.196375	0.752439	-1.32901	0.689149	0.922059	-1.08453	0.950571	0.987175	-1.01299	0.379225	0.826756	-1.20663	0.715751	1.07912	1.07912	0.611244	0.8987666	-1.11264	0.4736421	0.7636386	-1.31016	0.5747254	1.12528	1.12528	0.5619307	0.3858817	0.610329	1
cg02015348	HNRPLL;HNRPLL	0.795971	0.390933	0.628563	-1.59093	0.712521	0.822434	-1.2159	0.81104	0.881182	-1.13487	0.717422	0.825328	-1.21164	0.803168	0.814101	1.14101	0.77521	0.859648	-1.16327	0.126787	2.39255	2.39255	0.762688	1.17346	1.17346	0.634562	1.28778	1.28778	0.5618699	2.4829	3.92778	1
cg05795157	PIAS3	0.79594	0.79594	7	7	7	0.792417	1.35547	1.35547	0.776288	2.99767	2.99767	0.776288	2.99767	2.99767	2.99767	2.99767	7	7	7	7	7	0.539479	0.698557	-1.43152	0.483855	0.663075	-1.50812	0.870026	1.09918	1.09918	0.101921	0.355634	-2.81188	0.5618881	2.96749	4.69453	1
cg21964998	RAN	0.795995	0.264487	0.678186	-1.47452	0.861963	1.05983	1.05983	0.64524	1.16741	1.16741	0.668445	0.87404	-1.14411	0.484786	0.78284	-1.27705	0.868961	0.946361	-1.05668	0.52129	1.24109	1.24109	0.266161	1.47236	1.47236	0.629658	1.17614	1.17614	0.5618867	0.9923001	1.56953	1
cg06835146	RNASEH1	0.796001	0.756943	1.10541	1.10541	0.727197	1.1197	1.1197	0.641195	0.894161	-1.16359	0.737242	1.11483	1.11483	0.78174	0.89381	1.09381	0.34716	0.731624	-1.36682	0.253521	1.46953	1.46953	0.393066	1.42507	1.42507	0.471417	1.26679	1.26679	0.5618645	0.9272555	1.467	1
cg14272009	CBS	0.796027	0.944431	0.972652	-1.02812	0.934055	0.967617	-1.03347	0.400818	1.46788	1.46788	0.640045	0.829154	-1.20605	0.802649	0.905189	-1.10474	0.827056	0.916643	-1.09094	0.145695	1.86149	1.86149	0.665312	1.18902	1.18902	0.441789	0.731988	-1.36614	0.5618321	1.40794	2.22758	1
cg26000011	SOBP	0.796043	0.998103	1.00107	1.00107	0.912017	1.83976	1.83976	0.180698	0.578498	2.776795	-1.28734	0.779792	0.889488	1.13445	0.843268	1.18645	0.525011	1.13828	1.13828	0.18787	1.87938	1.87938	0.655605	1.52251	1.52251	0.900871	1.05769	1.05769	0.5617708	1.80216	2.85141	1
cg21436751	PET117	0.796055	0.450833	0.830747	-1.20374	0.643112	1.11874	1.11874	0.239399	0.742782	-1.34629	0.967292	0.990152	-1.00995	0.231318	1.35395	1.35395	0.797735	1.06394	1.06394	0.847767	1.04748	1.04748	0.880525	0.96435	-1.03697	0.612966	1.13101	1.13101	0.5617881	0.152859	0.820074	1
cg23051887	FGF1;FGF1;FGF1;FGF1	0.796057	0.984573	1.00806	-1.00806	0.994493	1.14041	1.14041	0.610965	1.04561	1.04561	0.767533	0.885651	1.12916	0.767533	0.885651	1.12916	0.969459	1.03187	1.03187	0.716955	1.41425	1.41425	0.707053	1.41307	1.41307	0.707653	1.41307	1.41307	0.5617779	0.927054	1.34086	1
cg24523758	UBE2E3;UBE2E3	0.796063	0.951063	0.988929	-1.0112	0.307009	1.21146	1.21146	0.131894	1.34311	1.34311	0.542958	0.894314	-1.11818	0.632989	1.09119	1.09119	0.927457	1.01666	1.01666	0.483279	1.13796	1.13796	0.712731	1.06938	1.06938	0.688934	1.07572	1.07572	0.5617769	0.2927484	0.463216	1
cg19327615	RIN2	0.796065	0.747531	1.2187	1.2187	0.911888	0.93446	-1.07014	0.355968	1.78044	1.78044	0.878665	1.08607	1.08607	0.514993	0.667442	-1.49826	0.929205	0.517425	-1.93265	0.220097	0.6902408	0.729251	-1.37127	0.991214	1.00677	1.00677	0.561767	3.33651	5.27939	1
cg18080401	WNT10B;WNT10B	0.796066	0.957591	1.0204	1.0204	0.876708	0.937479	-1.06058	0.561385	1.00778	1.00778	0.944266	1.16978	1.16978	0.762988	0.90767	-1.10196	0.667308	1.07027	1.07027	0.47211	0.8889361	0.9624106	-1.03944	0.4780822	1.12312	1.12312	0.188122	0.79082	0.2520526	0.364764	1.39373	1
cg22160883	MATR3;SNHG4	0.796068	0.357515	0.725834	-1.37773	0.796305	0.91613	-1.09155	0.475332	1.27866	1.27866	0.793045	0.91481	-1.09312	0.283852	0.685894	-1.45795	0.656886	1.16346	1.16346	0.36537	0.729827	-1.37019	0.757012	0.9002036	-1.11082	0.4775122	1.27706	1.27706	0.5617763	1.02025	1.61437	1
cg09964798	SOCS7	0.796081	0.913381	0.965001	1.03593	0.665102	0.74869	1.16983	0.883501	0.947819	-1.05505	0.881227	0.664217	-1.48973	0.494102	1.28907	1.28907	0.310121	0.68367	-1.4597	0.4790128	0.7722111	-1.29469	0.7070985	0.9255065	-1.08057	0.5642751	1.11253	1.11253	0.5618244	0.7005455	1.15228	1.42331	1
cg10498925	PFDN1	0.796115	0.789951	0.835517	-1.19686	0.678215	0.755149	-1.32424	0.478729	0.631686	-1.62374	0.828784	0.905465	-1.10441	0.389097	1.81141	1.81141	0.450733	1.67743	1.67743	0.302367	0.4887156	-2.05273	0.4436575	1.6916	1.6916	0.591256	0.6305156	0.6384	0.6735	0.5618307	0.5416507	0.634784	1
cg11648471	MOSPD2;FANCB;FANCB	0.796121	0.196743	0.236136	-4.23485	0.341655	0.354806	-2.81844	0.489489	0.47594	-2.1011	0.643698	1.63652	1.63652	0.857074	0.826421	-1.21004	0.210443	0.247685	-4.03739	0.86849	0.839248	-1.19154	0.98121	0.975402	-1.02522	0.8899331	0.863781	-1.1577	0.5616888	0.94901	15.7446	1
cg24401557	3	0.796139	0.596076	0.319487	-3.13002	0.954176	0.884642	-1.1304	0.934956	1.19273	1.19273	0.165993	23.3556	23.3556	0.321166	8.90186	8.90186	0.393666	0.1551	-6.44747	0.911935	1.26615	1.26615	0.739823	2.0357	2.0357	0.96146	1.10857	1.10857	0.5616662	40.4714	64.0503	1
cg08152490	CDX4NB;CDX4NB;CDX4I1	0.796143	0.647973	0.780307	-1.28139	0.8227	0.816778	-1.22501	0.850066	0.985645	-1.01449	0.867932	1.17245	1.17245	0.707497	1.41426	1.41426	0.525853	1.26983	1.26983	0.7400393	0.7945917	-1.25864	0.7407258	0.8885104	-1.12581	0.6472119	0.8448571	-1.18361	0.5616656	0.6219241	0.844871	1.414	1
cg02309125	RFX2;RFX2	0.796162	0.948503	0.963864	-1.03749	0.940906	0.958634	-1.04315	0.516398	0.687349	-1.45486	0.575533	1.38037	1.38037	0.298338	0.54103	-1.84833	0.900637	0.931297	-1.07377	0.405187	1.62465	1.62465	0.290669	1.86797	1.86797	0.529208	1.695425	-1.43797	0.56163	2.88816	4.57108	1
cg03597540	HIST2H2BE;HIST2H2AC;HIST2H2BE	0.796172	0.992416	1.00194	1.00194	0.84628	0.961375	-1.04018	0.903508	0.975581	-1.02503	0.574169	0.890721	-1.12269	0.44375	0.852868	-1.17251	0.494288	1.15197	1.15197	0.358256	0.7352	-1.36017	0.284316	0.7977161	-1.25445	0.989955	1.00257	1.00257	0.5616316	0.369552	0.584653	1
cg14414162	RP11-84P3.5;RP11-8A	0.796183	0.124377	0.468268	-2.13577	0.844933	0.41481	2.410854	0.05485	0.515598	1.94198	1.94198	0.96541	1.035611	0.167753	0.596293	-1.67703	0.874005	0.983337	-1.01695	0.542183	1.84602	1.84602	0.298315	0.9643119	-1.037	0.887347	0.902603	1.00745	0.5616	1.74969	3.08393	1
cg01513992	SLC22A23;SLC22A23	0.796189	0.588229	1.64082	1.64082	0.726936	0.727896	-1.37382	0.838995	0.831687	-1.20237	0.26066	2.8945	2.8945	0.179059	0.274427	-3.64395	0.64489	1.52259	1.52259	0.670492	0.6786604	-1.47361	0.9938334	1.00702	1.00702	0.968735	0.965117	-1.03614	0.5615591	7.2994	11.5535	1
cg15133301	SNED1	0.796192	0.653328	0.831562	-1.20273	0.456623	0.72373	-1.38476	0.763501	1.13169	1.13169	0.842327	0.791872	-1.26276	0.331599	0.580256	-1.72353	0.760124	1.08939	1.08939	0.1238	9.180355	9.180355	0.1238	1.08939	1.08939	0.10998	0.668387	1.19335	1.19335	0.5615888	1.49093	2.36882	1
cg18.24656818	FAM91A1	0.7962	0.474257	0.648542	-1.54192	0.40404	0.601659	-1.66207	0.849003	1.0201	1.0201	0.708208	1.25071	1.25071	0.275617	0.509227	-1.96376	0.52919	1.4613	1.4613	0.262209	0.498757	-2.00498	0.574612	0.713593	-1.40136	0.92563	1.05713	1.05713	0.5615577	1.14013	4.98459	1
cg26680653	ERC1;ERC1;ERC1;ERC1;ERC1	0.796208	0.966066	0.988765	-1.01136	0.190706	0.692109	-1.44486	0.865339	1.04611	1.04611	0.825221	0.942949	-1.0605	0.742367	1.09156	1.09156	0.930509	1.02344	1.02344	0.185213	1.45233	1.45233	0.845655	1.05313	1.05313	0.703147	0.903309	-1.10704	0.5615565	0.6273938	0.993095	1
cg04878395	PRKAA2	0.796216	0.217095	0.514555	-1.94355	0.733157	1.23788	1.23788	0.288292	0.528808	-1.89105	0.882153	1.08955	1.08955	0.59385	0.716674	-1.39533	0.365641	0.584381	-1.71121	0.2947272	0.533625	1.84355	1.84355	0.3080098	1.08998	1.08998	0.14969	0.388282	1.19335	1.19335	0.5615888	1.49093	2.36882	1
cg03003009	MED28	0.79621	0.86082	0.865987	-1.15475	0.832351	0.18982	-1.18982	0.603972	1.53744	1.53744	0.0770576	0.199523	-5.01196	0.953648	0.934914	-1.06962	0.912174	1.09468	1.09468	0.621192	0.6647141	-1.50441	0.826407	0.8352202	-1.19731	0.9059572	0.907663	-1.10173	0.5615611	0.97852	0.96334	1
cg02833614	INPP5A	0.796231	0.269349	0.492955	-2.02966	0.8405	0.45261	2.209	0.18254	0.849378	1.17211	1.17211	0.125511	0.812868	1.23021	1.23021	0.175268	0.667308	1.07207	1.07207	0.47211	0.8889361	0.9624106	-1.03944	0.4780822	1.12312	1.12312	0.188122	0.79082	0.2520526	0.364764	1.39373	1
cg24617466	ZDHHC23	0.796215	0.394727	0.77826	-1.28492	0.625118	0.13006	-1.13006	0.837675	0.94271	-1.06077	0.84378	0.944838	-1.05838	0.210744	0.68437	-1.4612	0.71011	1.11336	1.11336	0.325145	0.7466164	-1.33938	0.3382644	0.7528844	-1.3283	0.8004472	0.75555	1.07555	0.5615555	0.735621	1.16442	1
cg11328810	LIN28A	0.796218	0.155242	0.307887	-3.24805	0.759149	0.24688	-1.23453	0.333768	0.644195	-1.55305	0.486865	0.903596	0.955895	-1.04581	0.617829	0.67464	-1.48223	0.17239	0.342615	-1.1369	0.9846453	-1.01567	0.5464209	0.8090015	-1.2393	0.804109	0.8923135	-1.21487	0.56155	0.545322	0.865158	1
cg18200810	HTR2A	0.796249	0.828002	0.921802	-1.08481	0.899016	1.14865	1.04866	0.924682	0.92602	-1.03602	0.393726	1.38539	1.38539	0.728381	0.559639	1.59699	0.727375	1.52586	1.52586	0.252688	0.9583023	1.10975	1.10975	0.615077	0.5605707	1.24537	1.97148	1
cg17548881	ETV1;ETV1;ETV1;ETV1;ETV1	0.796252	0.585199	0.90358	-1.10671	0.477496	0.14209	1.14209	0.720082	0.935947	-1.06844	0.77086	1.05519	1.05519	0.380503	1.17996	1.17996	0.464036	1.14694	1.14694	0.715273	1.06972	1.06972	0.496891	0.8808828	-1.1353	0.219439	1.26816	1.26816	0.5615303	0.30095	0.476421	1
cg08070701	SSR1	0.796256	0.921082	0.919065	-1.08757	0.779667	0.947956	-1.05486	0.979405	0.993909	-1.00613	0.244829	1.26072	1.26072	0.904556	0.9231	1.0231	0.693593	1.08817	1.08817	0.210927	0.7780051	-1.28534	0.5216297	0.8837773	-1.13151	0.656812	1.11656	1.11656	0.5615497	0.325519	0.51057	1
cg18791826	PELI3;PELI3;PELI3;PELI3	0.79626	0.856104	1.22686	1.22686	0.632803	1.71976	1.71976	0.892308	1.16483	1.16483	0.649242	0.597049	-1.6749	0.843121	0.800201	-1.24969	0.634261	0.573624	-1.7433	0.184418	4.888301	4.888301	0.182924	1.22309	1.22309	0.1972	6.64386	6.64386	0.56149	11.2823	17.8608	1
cg15987885	MAN1A2	0.796271	0.491325	0.886143	-1.12849	0.563693	0.919382	-1.08698	0.952717	1.03281	1.03281	0.286526	1.21199	1.21199	0.368981	0.851895	-1.17385	0.3663	0.85108	-1.17497	0.973268	1.00584	1.00584	0.933398	0.985585	-1.01463	0.459156	1.34807	1.34807	0.5614775	0.268369	0.424864	1
cg12316258	EML3;RDM1;RDM1	0.796273	0.350522	0.72547	-1.52547	0.289593	0.616881	-1.62106	0.750106	0.889798	-1.12385	0.564626	1.15312	1.15312	0.959736	1.02244	1.02244	0.395245	1.46616	1.46616	0.1815347	1.51402	1.51402	0.183197	1.21598	1.21598	0.601876	1.34807	1.34807	0.5614775	0.268369	0.424864	1
cg06972797	C12orf49;RNF72;RNF72	0.796286	0.618248	1.32722	1.32722	0.560998	0.717929	-1.39289	0.975907	1.01751	1.01751	0.103955	0.362577	-2.75804	0.743472	0.831179	-1.20311	0.382541	0.602948	-1.65852	0.848121	0.8978906	-1.11396	0.835913	0.8898611	-1.12383	0.633627	0.761731	-1.3128	0.557649	2.73838	3.81934	1
cg12148237	PRKDC;PRKDC	0.796286	0.961323	0.974605	1.02604	0.937247	0.91447	-1.09343	0.561365	1.04483	1.04483	0.144586	1.63098	1.63098	0.130007	0.789704	-1.26662	0.929002	1.08707	1.08707	0.4944923	0.7225442	1.5157	1.5157	0.863994	1.05794	1.05794	0.739447	1.34485	1.34485	0.5614954	0.743722	1.34485	1
cg07072638	LMTK2	0.796291	0.21897	1.255	1.255	0.877035	0.973164	-1.02758	0.867523	0.971096	-1.02976	0.838182	1.0376	1.0376	0.145257	1.31624	1.31624	0.695985	0.933337	-1.07142	0.587689	1.10095	1.10095	0.862428	0.9699888	-1.03094	0.961443	1.00853	1.00853	0.5614447	0.274457	0.434523	1
cg27005091	TBPL1	0.796311	0.450383	0.641446	-1.55898	0.713157	1.23788	1.23788	0.288292	0.528808	-1.89105	0.882153	1.08955	1.08955	0.59385	0.716674	-1.39533	0.365641	0.584381	-1.71121	0.2947272	0.533625	1.84355	1.84355	0.3080098	1.08998	1.08998	0.14969	0.388282	1.19335	1.19335	0.5615888	1.49093	2.36882	1
cg05469304	ERP44	0.796343	0.373365	0.578639	-1.72819	0.194521	0.274616	2.274616	0.499485	1.5074	1.5074	0.614792	1.35497	1.35497	0.627543	1.34005	1.34005	0.477412	1.54105	1.54105	0.334481	1.81466	1.81466	0.758285	1.20297	1.20297	0.81463	1.15097	1.15097	0.5613733	3.18651	5.04559	1
cg24715412	STOX2	0.79636	0.578541	0.578596	-1.72832	0.216418	0.5548	1.5548	0.774335	1.32351	1.32351	0.420002	2.23299	2.23299	0.335742	0.379902	-2.63226	0.644942	0.636088	-1.57211	0.961715	1.04792	1.04792	0.962454	1.04097	1.04097	0.588621	1.58719	-1.70303	0.561349	8.45215	13.3839	1
cg14993813	NSUN4	0.796353	0.215862	0.470478	-2.12417	0.779667	0.947956	-1.05486	0.979405	0.993909	-1.00613	0.244829	1.26072	1.26072	0.904556	0.9231	1.0231	0.693593	1.08817	1.08817	0.210927	0.7780051	-1.28534	0.5216297	0.8837773	-1.13151	0.656812	1.11656	1.11656	0.5614497	0.325519	0.51057	1
cg04557105	ACBD5;ACBD5;ACBD5;ACBD5	0.796406	0.184179	0.78898	-1.26746	0.954628	0.990473	-1.00962	0.761448	1.05256	1.05256	0.650394	0.926088	-1.07981	0.355205	1.17353	1.17353	0.960061	1.08046	1.08046	0.526898	1.1139	1.1139	0.420626	1.14847	1.14847	0.821023	1.03886	1.03886	0.5613284	0.251639	0.398513	1
cg12014886	TCF6;I	0.796411	0.274107	0.612137	-1.63317	0.729237	0.73777	-1.35577	0.837827	0.780317	-1.28183	0.707471	1.34048	1.34048	0.491373	0.784202	-1.27503	0.744827	0.894775	-1.11784	0.5107	1.342231	1.342231	0.545595	1.4396	1.4396	0.694123	1.07057	1.07057	0.5612375	1.046951	1.622	1
cg18583870	RQCD1;USP37	0.796416	0.407122	1.51641	1.51642	0.523191	1.37589	1.37589	0.641507	0.794357	-1.25888	0.279251	1.73729	1.73729	0.665503	0.807701	1.23808	0.279392	1.73699	1.73699	0.84089	0.910139	-1.09873	0.880135	0.9285588	-1.0769	0.39371	1.53565	1.53565	0.56127	2.14293	3.39378	1
cg08562016	GFOD2;GFOD2;GFOD2;GFOD2	0.796424	0.793312	0.56583	1.06583	0.836387	0.951035	-1.05149	0.39515	1.23544	1.23544	0.837808	0.951457	-1.05102	0.9046	0.97131	-1.02954	0.48078	1.19005	1.19005	0.161769	0.695769	-1.43726	0.477569	1.19162	1.19162	0.776939	0.933365	-1.07139	0.5612558	0.523939	0.829785	1
cg15204119	KEAP1;KEAP1	0.796432	0.292383	0.6	1.66667	0.450645	0.8768	1.8768	0.61307	1.18942	1.18942	0.832054	0.901019	-1.10974	0.779189	0.805776	-1.2411	0.824804	0.577188	0.577188	0.929002	1.08707	1.08707	0.919992	1.5245	1.5245	0.584008	0.5705	0.5705	0.729219	1.29451	2.29451	0.5613408	0.4634	0.7659	1
cg15756507	PITPNC1;PITPNC1	0.796438	0.623936	0.772274	-1.29488	0.751549	1.18069	1.18069	0.618505	1.30022	1.30022	0.448505	1.4977	1.4977	0.430969	0.656812	-1.52251	0.24686	0.530868	-1.88371	0.985056	0.990253	-1.00984	0.588115	0.751301	-1.33103	0.416721	1.5435	1.5435	0.561239	2.43093	3.8501	1

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1407 vs. N)	Fold-Change(1 vs N)	p-value(105 vs. 047 vs. N)	Fold-Change(105 vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1417 vs. N)	Fold-Change(1417 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1527 vs. N)	Fold-Change(1527 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5437 vs. N)	Fold-Change(5437 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg01056242	GPR153	0.797265	0.663856	1.2843	1.2843	1.3554402	1.72285	1.72285	0.174626	2.28465	2.28465	0.536993	1.43005	1.43005	0.813141	1.6373283	1.1451	1.1451	0.858087	0.902653	-1.10785	0.13359	1.76948	1.76948	0.704216	1.2439	1.2439	0.589453	0.732172	-1.3658	0.560224	2.90412	4.60952	1
cg06864079	REM2	0.797306	0.517129	1.40271	1.40271	1.289131	1.76289	1.76289	0.837379	1.1117	1.1117	0.3013225	1.73636	1.73636	0.16019	2.16653	2.16653		0.442778	1.49664	1.49664	0.707589	1.24128	1.24128	0.515671	1.40441	1.40441	0.335021	1.66907	1.66907	0.56001	2.35471	3.73756	1
cg14074896	GARNL3	0.797326	0.411203	0.780579	-1.2811	0.81116	1.07311	1.07311	0.790962	0.924674	-1.08146	0.954187	0.983206	-1.01708	0.893404	0.961248	-1.04031		0.253422	1.42137	1.42137	0.175141	1.52972	1.52972	0.879438	0.956241	-1.04576	0.947174	1.01973	1.01973	0.559981	0.770749	1.22345	1
cg16938801	RDH14	0.797327	0.139223	1.68546	1.68546	1.394302	1.02372	1.02372	0.594941	1.19247	1.19247	0.887252	1.04764	1.04764	0.736398	0.895093	-1.1172		0.202104	1.43133	1.43133	0.916499	0.966183	-1.035	0.523941	0.809021	-1.23597	0.858725	1.06019	1.06019	0.559398	0.954301	1.51482	1
cg04489803	DCBLD2	0.797338	0.329049	0.623823	-1.60302	?	?	0.555001	0.756013	-1.32273	0.817738	0.897526	-1.11417	0.640342	1.24662	1.24662			0.328935	1.60321	1.60321	0.913559	1.05218	1.05218	0.32536	1.6092	1.6092	0.926165	1.04438	1.04438	0.542502	1.67599	3.08937	1
cg06763324	CLEC1BC	0.797347	0.2100019	1.64233	1.64233	0.182264	1.70173	1.70173	0.72938	1.13931	1.13931	0.3913	1.39078	1.39078	0.640346	1.19328	1.19328		0.742705	1.13169	1.13169	0.971785	1.01337	1.01337	0.289737	1.51086	1.51086	0.483354	1.30672	1.30672	0.559952	1.2508	1.98557	1
cg02681858	THUMPD2;THUMPD2	0.79736	0.4086082	2.05254	2.05254	2.237615	2.86495	2.86495	0.418103	2.02176	2.02176	0.368249	2.19522	2.19522	0.274572	2.63057	2.63057		0.330623	2.34919	2.34919	0.309048	2.44897	2.44897	0.43966	1.95529	1.95529	0.51075	1.76394	1.76394	0.559932	6.4191	10.1903	1
cg08454824	ERICH1	0.797366	0.505949	1.20793	1.20793	0.644808	0.879631	1.11684	0.76196	1.10706	1.10706	0.200188	1.45335	1.45335	0.655425	0.883299	-1.13212		0.462395	0.813272	1.2296	0.7861564	0.926515	-1.0792	0.380093	0.792174	-1.27686	0.991765	1.002685	1.002685	0.559924	0.676926	1.07463	1
cg26379292	ITPK1;ITPK1	0.797367	0.74977	1.03951	1.03951	0.275754	1.37264	1.37264	0.79183	0.928768	-1.0767	0.899677	0.965379	-1.03586	0.952458	0.816527	-1.2247		0.619887	1.17404	1.17404	0.757587	0.917146	-1.09034	0.263886	0.722276	-1.38451	0.495386	1.23136	1.23136	0.559923	0.602067	1.09867	1
cg19025031	PTPRH;PTPRH	0.797371	0.34974	0.495924	-2.01644	0.718502	1.30179	1.30179	0.406384	0.538549	-1.85684	0.196755	0.369947	-2.70309	0.810151	0.839159	-1.19167		0.41265	0.543199	-1.84095	0.35919	0.497573	-2.00975	0.387104	0.524172	-1.90777	0.979999	0.9819	-1.01843	0.559918	4.70772	7.47367	1
cg05821816	PCCA;PCCA	0.797374	0.448537	0.852739	-1.17264	0.855995	0.944667	1.05857	0.838931	1.09963	1.09963	0.440025	0.944667	1.05857	0.838931	1.09963	1.14045		0.606505	0.905481	1.10439	0.853232	0.95864	-1.0432	0.614314	0.852432	-1.17311	0.693887	1.025627	1.025627	0.559899	0.725613	1.13143	1
cg21896766	COMT3;COMT3	0.797404	0.659855	0.753173	-1.32772	0.94169	1.04793	1.04793	0.745785	1.23146	1.23146	0.40505	0.579703	-1.72502	0.824852	0.867744	-1.15241		0.105287	0.322167	-3.10398	0.886917	0.912956	-1.09534	0.399562	0.575833	-1.73661	0.842284	1.13599	1.13599	0.55987	3.63211	5.7666	1
cg03550795	SEMA4G	0.797421	0.857905	1.07993	1.07993	0.521328	0.756605	1.10169	0.311852	0.638153	-1.56663	0.707043	1.57586	1.57586	0.312854	0.81925	-1.22081		0.457077	1.38908	1.38908	0.387414	1.82121	1.82121	0.90657	1.01567	1.05167	0.829398	0.911567	-1.07001	0.558847	1.62248	2.59194	1
cg13568515	JAK2	0.797424	0.678092	0.786933	-1.27076	0.9936	1.00462	1.00462	0.662295	1.28696	1.28696	0.882899	1.08829	1.08829	0.733008	1.21721	1.21721		0.300339	0.540041	-1.85171	0.193065	0.29498	0.29498	0.938494	1.0453	1.0453	0.359586	1.17128	1.17128	0.559842	2.92197	4.63935	1
cg10263401	UBE2C;UBE2C;UBE2C;

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105 057 vs. N)	Fold-Change(105 057 vs. N)	p-value(111 vs. N)	Ratio(111 vs. N)	p-value(112 117 vs. N)	Fold-Change(112 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121 N)	Ratio(121 2ST vs. N)	p-value(347 vs. N)	Fold-Change(347T vs. N)	p-value(347 477 vs. N)	Fold-Change(347 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 537 vs. N)	Fold-Change(537 vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg20402064	SMYD5		0.7788278	0.2773353	0.7804421	1.265151	0.881151	0.96421	0.1	-1.03712	0.783437	1.05903	1.05903	0.4108651	0.8188672	-1.19236	0.710876	0.9254515	-1.0806		0.608481	0.98024	-1.11356	0.343016	0.81621	-1.22517	0.145823	0.722467	-1.38415	0.819105	0.953431	1.04884	0.558064	0.383055	0.610133	1
cg19999705	GRM4		0.798685	0.40204	1.50908	1.50908	0.2927159	2.97704	0.27	2.977504	0.522199	1.46593	1.46593	0.711455	1.24187	1.24187	0.784377	1.17555	1.17555		0.844503	1.12277	1.12277	0.735457	1.22138	1.22138	0.779696	1.17982	1.17982	0.542702	0.695338	-1.43815	0.158055	3.07344	4.80549	1
cg01695804	PDE7B		0.7898096	0.4542753	1.51562	1.51562	0.866906	0.912559	-1.09582	0.601039	1.33352	1.33352	0.766164	1.17668	1.17668	0.1331	1.24049	1.24049		0.400698	1.59882	1.59882	0.24395	1.94455	1.94455	0.76211	1.18013	1.18013	0.5773113	1.35953	1.35953	0.558038	2.63021	4.18961	1
cg22995176	UPK3B;UPK3B		0.7987011	0.171347	1.55206	1.55206	0.282685	1.40834	1.4005	1.40834	0.88346	1.04527	1.04527	0.390391	1.09005	1.09005	0.909005	1.09005	1.09005		0.807971	1.07552	1.07552	0.61296	1.16645	1.16645	0.802101	1.09239	-1.0787	0.988665	0.995721	-1.0043	0.558032	0.805175	1.28256	1
cg09188890	BCAP29;BCAP29;BCAP29		0.798728	0.80244	0.97258	-1.02819	0.265193	1.26951	1.26951	0.678032	1.08958	1.08958	1.08958	0.35212	1.21748	1.21748	0.3538	1.2166	1.2166		0.453456	1.16993	1.16993	0.680744	1.19149	-1.08874	0.357614	1.21461	1.21461	0.331488	1.22864	1.22864	0.570802	0.557993	0.373237	0.59457	1
cg01239316	DYNLRB1		0.798775	0.777526	0.90951	-1.09949	0.352529	1.37759	1.37759	0.668205	1.15443	1.15443	0.446546	1.29666	1.29666	0.599165	1.19434	1.19434		0.338388	1.39117	1.39117	0.493415	1.29223	1.29223	0.574677	1.20907	1.20907	0.237535	1.51335	1.51335	0.557027	0.990709	1.5784	1
cg00352532	DUSP11		0.798789	0.584464	0.818286	-1.22207	0.216866	1.60295	1.60295	0.34748	1.42088	1.42088	0.317624	1.45517	1.45517	0.523833	1.26439	1.26439		0.591405	1.21747	1.21747	0.334461	1.43544	1.43544	0.597784	1.21329	1.21329	0.858927	1.06674	1.06674	0.557907	1.16518	1.85643	1
cg23429696	B3GAT2		0.798792	0.807153	0.80642	-1.02042	0.809838	1.48665	1.48665	0.575554	1.30324	1.30324	1.30324	0.887516	0.955882	-1.03851	0.468275	0.707853	-1.41272		0.608405	0.878092	-1.27374	0.184923	0.51772	-1.93155	0.327326	0.840363	-1.18153	0.57708	1.30183	1.30183	0.557902	1.937	3.08617	1
cg23528982	SPATA24		0.798803	0.58462	1.45962	1.45962	0.75005	0.807007	-1.21915	0.736156	0.793199	-1.26072	0.898944	1.53429	1.53429	0.2539	1.48218	1.48218	-1.15186		0.215139	2.46458	2.44458	0.6021	0.697414	-1.43387	0.737398	1.25928	1.25928	0.881156	1.30793	1.10793	0.557887	4.14684	6.60722	1
cg10895032	C5orf134		0.7988018	0.6669568	0.838564	-1.19251	0.573325	0.793407	-1.26039	0.131604	0.515851	-1.93855	0.543014	0.778497	-1.28453	0.980275	1.01011	1.01011		0.979859	0.989786	-1.01032	0.51791	1.3055	1.3055	0.618581	0.815366	-1.22644	0.549745	1.27906	1.27906	0.55788	1.46132	2.32836	1
cg13175165	USP5;USP5;CDC43		0.7988414	0.5722553	0.8990614	-1.11224	0.61145	0.956454	-1.04564	0.648769	0.880332	-1.13593	0.622314	1.00966	1.00966	0.482463	1.03276	1.03276		0.986112	0.995021	-1.005	0.948859	1.00566	1.00566	0.485659	1.29529	1.29529	0.318535	1.34401	1.34401	0.557871	0.726686	1.15787	1
cg00844328	NABP2;1;NABP2;1		0.798824	0.930116	1.01332	1.01332	0.299603	1.17604	1.17604	0.684949	1.06346	1.06346	0.235457	1.2063	1.2063	0.2813	1.19481	1.19481		0.980438	0.996309	-1.00371	0.695595	0.94123	-1.06244	0.74146	0.951286	-1.05121	0.557857	0.201025	0.320313	1
cg19484549	PPIA3		0.7988227	0.406553	0.4774211	-2.11591	0.805427	1.34939	1.34939	0.820866	1.24134	1.24134	1.24134	0.253435	1.3480971	-2.88557	0.479561	0.530252	-1.8859		0.213133	0.334545	0.134124	0.79971	0.796593	-1.25535	0.547639	0.584452	-1.711	0.34721	0.425639	2.34941	0.557853	6.83441	10.9981	1
cg05157140	UNC5		0.798794	0.4596932	-1.16321	0.29673	-0.426792	-2.34306	0.0015011	0.449385	-2.22524	0.683669	0.724399	-1.38045	0.702883	0.578525	-1.35204			0.50415	1.70485	1.70485	1.7	?	?	0.412812	0.93278	1.93278	0.828859	1.18575	1.18575	0.540363	4.71188	8.71984	1
cg07373580	CHDS		0.7988383	0.470319	1.34975	1.34975	0.974746	1.01301	1.01301	0.898672	1.0534	1.0534	0.421014	1.39889	1.39889	0.97907	0.887608	-1.12662		0.202033	1.73339	1.73339	0.606017	0.808598	-1.23671	0.746586	0.87599	-1.14157	0.384183	0.694641	-1.43959	0.557848	1.47325	2.34751	1
cg14507132	TCF12;TCF12;TCF12;TCF12;TCF12;TCF12;LOC145783;TCF12;TCF12;TCF12		0.7988949	0.393332	1.37016	1.37016	0.574149	0.815052	-1.22691	0.380378	1.38276	1.38276	0.719965	1.13844	1.13844	0.233515	0.637708	-1.56812		0.428616	0.747478	-1.33783	0.90423	0.957573	-1.04431	0.941667	0.973986	-1.02671	0.875022	0.944887	-1.05833	0.557821	1.14605	1.82623	1
cg14166112	TRIM47		0.7988954	0.179809	0.5474115	-1.82705	0.345295	0.699878	-1.42862	0.953504	0.981608	-1.01874	0.956171	0.982592	-1.01772	0.831318	0.8839	-1.0809		0.332013	0.726302	-1.37654	0.534341	0.837839	-1.22373	0.652535	1.15583	1.15583	0.664074	0.869683	-1.14984	0.557814	0.902025	1.4374	1
cg25594775	HELB		0.7988969	0.6866859	0.9129568	-1.09533	0.928795	0.980132	-1.02027	0.523897	0.8656518	-1.15524	0.609837	1.525	1.525	0.534137	0.8681664	-1.15186		0.481333	0.851543	-1.17434	0.118346	0.6852213	-1.46367	0.658499	1.10503	1.10503	0.961521	0.869226	-1.01089	0.557794	0.445375	0.70974	1
cg22842189	THRB;THRB;THRB		0.7988881	0.1951158	0.445811	-2.2431	0.685281	0.786457	-1.27153	0.328254	0.55159	-1.81294	0.823272	0.876443	-1.14097	0.339249	0.559483	-1.78736		0.437175	0.626691	-1.59568	0.671269	0.7774483	-1.2862	0.5573	1.41897	1.41897	0.437333	0.626796	-1.59542	0.557776	3.07076	4.89365	1
cg20364183	LSAMP		0.7988893	0.246625	0.276563	-3.61435	0.958464	1.01498	-1.03547	0.49487	2.51669	2.51669	0.896685	1.00442	1.00442	0.336439	0.548727	-1.82357		0.58308	0.555482	-1.80004	0.522869	0.50919	-1.9972	0.198732	0.740934	1.40564	1.40564	0.413698	0.412194	-2.42604	0.642776	0.9365	0.85356	1
cg22198946	ZFP36L2;LOC100129726		0.7988897	0.209244	0.255506	-3.9138	0.434477	0.439483	-2.2754	0.385069	0.399274	-2.50455	0.442075	0.445708	-2.24362	0.279053	0.313397	-3.19084		0.588853	0.56973	-1.75522	0.28413	0.375537	-2.66564	0.850924	-1.17539	0.873938	1.17786	1.17786	0.557754	0.38922	14.9635	1
cg12338316	LOC100134713;NDUFB2		0.7988909	0.5086663	1.27299	1.17279	0.805427	1.34939	1.34939	0.820866	1.24134	1.24134	1.24134	0.253435	1.3480971	-2.88557	0.479561	0.530252	-1.8859		0.213133	0.334545	0.134124	0.79971	0.796593	-1.25535	0.547639	0.584452	-1.711	0.34721	0.425639	2.34941	0.557853	6.83441	10.9981	1
cg15837086	PIK3R3;PIK3R3		0.7989103	0.609356	1.2708	1.2708	0.220413	1.82046	1.82046	0.251517	1.74552	1.74552	0.347216	1.56843	1.56843	0.961702	0.97792	1.02258		0.286748	1.6726	1.6726	0.422032	1.46429	1.46429	0.922289	1.04642	1.04642	0.997353	0.998459	-1.00154	0.557746	1.90997	3.04395	1
cg07090138	CD8A		0.7989404	0.976337	1.007555	1.007555	0.241655	0.732461	-1.36526	0.640014	0.887221	-1.12711	0.438491	0.810889	-1.22236	0.452768	0.21448	1.21448		0.757046	0.924195	-1.08202	0.927138	1.02351	1.02351	0.662659	1.11797	1.11797	0.326985	1.29314	1.29314	0.557744	0.570082	0.908552	1
cg15227623	CEP164		0.7989501	0.31036	-1.94859	-1.94859	0.449173	1.62572	1.62572	1.24372	0.663873	1.0292	1.0292	0.0001	1.14912	1.86328	0.984588	1.5774	1.5774		0.487328	1.16592	1.16592	0.567135	1.17706	1.5105	0.328389	1.8986	1.8986	0.953101	1.08089	1.08089	0.557735	3.56763	5.68991	1
cg14513804	UTP14A;UTP14A;UTP14A;UTP14A		0.7989511	0.427008	0.224309	-4.45814	0.679348	0.464843	-2.15126	0.996044	0.990905	-1.00918	0.213981	11.15	11.15	0.639237	2.38728	2.38728		0.249906	0.109036	-9.17125	0.808174	0.638723	-1.56562	0.982305	1.04672	1.04672	0.851068	0.707221	-1.41398	0.557734	30.0037	47.8184	1
cg10954665	MRVI1;ARHGAP45		0.7989513	0.895123	1.05883	1.05883	0.315804	1.17115	1.17115	0.87056	1.000164	-1.11091	0.916674	1.04641	1.04641	0.7	?	?		0.516061	1.1311	1.1311	0.807097	1.11447	1.11447	0.560845	1.50013	1.50013	0.16835	1.90125	1.90125	0.54783	1.3899	2.26527	1
cg18888403	HMGCL;HMGCL		0.7989519	0.429236	1.73599	1.73599	0.118096	1.18951	1.18951	0.945983	1.70064	1.70064	0.512691	1.5743	1.5743	0.401626	1.79815	1.79815		0.346001	1.9411	1.9411	0.58326	1.46041	1.46041	0.565803	1.48702	1.48702	0.997374	1.00225	1.00225	0.557731	1.1269	0.57728	1
cg25845747	BAG2;BAG2		0.798992	0.31542	1.73849	1.73849	0.325609	1.71727	1.71727	0.629485	1.29562	1.29562	0.879558	1.08413	1.08413	0.365151	0.609129	-1.64169		0.65825	1.26764	1.26764	0.956922	0.971632	-1.0292	0.536558	1.39572	1.39572	0.434455	0.653856	-1.52939	0.557722	2.50703	3.99567	1
cg25270995	SLC25A18		0.7989525	0.329397	1.53978	1.53978	0.4127	1.21693	1.21693	0.737287	1.08407	1.08407	1.08407	0.50937	1.50937	0.624313	1.21968	1.21968	-1.07975		0.268807	1.75331	1.75331	0.614708	0.557414	1.34116	0.810344	1.12452	1.12452	0.557243	0.710274	2.10012	3.34719	1
cg26615813	STAC		0.7989531	0.628226	0.719145	-1.39054	0.774371	0.823493	-1.21434	0.534963	0.657201	-1.5216	0.97152	0.976166	-1.02442	0.303851	0.486976	-2.05349		0.128886	0.329953	-3.03074	0.882884	1.10473	1.10473	0.305583	0.488319	-2.04784	0.963631	0.973779	-1.02693	0.557706	0.43248	0.64709	1
cg05597232	TIGD6		0.7989935	0.720041	1.11764	1.11764	0.992235	0.99694	-1.00307	0.863825	0.940205	-1.06482	0.347746	1.35007	1.35007	0.75132	1.12555	1.12555		0.0955215	1.7177	1.7177	0.824764	0.910302	1.02649	0.874729	0.915653	1.09211	0.955677	0.895393	1.11642	0.557691	0.892011	1.34182	1
cg04967698	EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49;EPB49		0.798945	0.896881	1.06777	1.06777	0.426224	1.50764	1.50764	0.317762	0.979432	1.02858	0.402963	1.54412	1.54412	0.813267	0.807295	-1.12702		0.833176	0.808897	1.11247	0.816448	0.888144	-1.12468	0.508875	1.40304	1.40304	0.707353	1.20995	1.20995	0.557686	2.2555	3.59502	1
cg08051977	FASN		0.7989976	0.673737	0.8870656	-1.12663	0.351532	1.28044	1.28044	0.469749	0.997335	-1.00287	0.568394	1.26249	1.26249	0.15902	0.648374	0.879725	-1.13801		0.186824	1.48291	1.48291	0.613245	1.15433	1.15433	0.766396	0.919527	-1.08752	0.397601	0.783567	-1.27625	0.557665	0.700328	1.11629	1
cg00919002	LDLR		0.7989969	0.928022	0.97012	-1.0308	0.111242	0.558495	-1.79053	0.527935	0.806778	-1.2395	0.817722	0.925415	-1.0806	0.42608	1.31374	1.31374		0.835056	1.07251	1.07251	0.966501	1.0142	1.0142	0.565503	0.82279	-1.21538	0.969151	0.9871	-1.01307	0.557652	0.995642	1.58704	1
cg09021274	DLG2;DLG2;DLG2;DLG2		0.7989977	0.5788284	-1.45288	0.3524268	0.702267	0.618663	-1.61655	0.953207	0.974334	-1.48244	0.677588	0.840953	-1.18913	0.912135	0.55	1.04079	1.04079		0.779754	1.338	1.338	0.913158	0.865709	1.15564	0.664887	0.688272	-1.45186	0.501572	0.421644	2.37139	0.557654	0.388102	0.61353	1
cg05041045	SCFD1;SCFD1		0.7989981	?	?	?	0.451183	0.666813	-1.49967	?	?	?	?	?	?	?	?	?		?	?	?	?	?	?	?	0.580292	0.745338	-1.34167	0.438151	0.467444	2.76471	1
cg14487075	SUV39H2		0.7989984	0.784981	0.84674	-1.18097	0.417358	0.589949	-1.69794	0.438281	1.657	1.657	0.937788	0.951361	-1.05113	0.123129	0.344068	-2.9064		0.921902	1.06464	1.06464	0.913777	0.933155	-1.07163	0.921629	0.930077	-1.06498	0.491039	0.639668	-1.56331	0.557631	3.60348	5.74412	1
cg00155265	RNF34;RNF34		0.7989985	0.729528	1.09251	1.09251	0.138341	0.824008	-1.21331	0.574418	0.90434	-1.10543	0.678438	1.06438	0.573512	1.19557	0.902145	-1.10896		0.688238	1.09757	1.09757	0.22343	0.744345	-1.34346	0.509537	0.668268	-1.49571	0.166099	0.421768	2.20855	0.557629	0.679517	0.750227	1
cg08434396	MRL;FMR1		0.7989989	0.260631	0.262101	-3.81533	0.493066	0.449515	-2.22462	0.870747	0.830403	-1.20423	0.498014	0.19266	2.19266	0.872871	1.28229	1.28229		0.214647	0.225175	-4.441	0.644859	0.16984	6.4842	0.253483	0.254483	0.894004	1.1609	1.1609	0.557623	11.5032	18.3368	1
cg12983741	RPS6KA2		0.7989992	0.611326	1.41109	1.41109	0.143243	2.87781	2.87781	0.817655	1.16787	1.16787	0.790428	1.29663	1.29663	0.622806	0.716672	-1.39534		0.472602	0.612079	-1.63378	0.83444	1.151	1.151	0.36993	1.85652	1.85652	0.737412	1.25371	1.25371	0.557619	3.9875	6.35638	1
cg17240564	CLEC12B		0.7989993	0.911017	0.966808	-1.03454	0.159433	0.937815	1.06555	0.644859	1.03104	1.03104	1.03104	0.37075	1.37075	0.744178	1.34778	1.34778	0.80507	1.14083	1.01004	1.01004	0.642028	1.15184	1.15184	0.661824	1.10007	1.10007	0.863886	1.30757	1.30757	0.557618	0.606379	1.28762	1
cg24374161	AMBRA1		0.7990013	0.522181	0.167672	-5.61894	0.198834	0.366363	-2.74452	0.127392	0.259319	-3.8864	0.380364	0.894163	-1.11836	0.504077	0.601726	-1.66189		0.484553	0.257025	-3.89121	0.499408	0.601006	-1.66388	0.585561	0.667287	-1.4988	0.57589	4.872	-1.7667	1
cg25360661	RAB1B		0.7990028	0.643189	0.88132	-1.13466	0.564706	1.17076	1.17076	0.406322	0.794487	-1.25867	0.968491	0.989336	-1.01078	0.491391	1.20837	1.20837		0.373434	1.28074	1.28074	0.21518	1.42378	1.42378	0.644607	1.13404	1.13404	0.611096	1.14899	1.14899	0.557568	0.64764	1.03248	1
cg27590397	SSTR1;SSTR1		0.7990038	0.186805	0.445918	-2.24353	0.5	0.2956	-3.38354	0.267165	0.344178	-2.90175	0.350143	0.413776	0.344178	-2.90175	0.350143	0.413776	0.344178	-2.90175	0.350143	0.413776

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg13249986	CCDC40		0.800137		0.689204		0.893758		0.968182		0.310348		0.939096		0.977158		0.688982		0.145142		0.810692		0.595153		-1.00034		0.245088		0.731984		-1.40453		0.204709		0.738135		-1.35477		0.527597		1.1958		0.555995		0.687368		1.09892	
cg15697786	PTPRR;PTPRR		0.800137		0.367045		1.45323		0.579412		1.25337		1.25337		0.611483		0.813486		-1.22928		0.709894		0.860077		-1.16269		0.405928		1.3684		1.3684															
cg11566131	MED12L;PJA2;PJA2		0.800158		0.651478		1.20438		1.20438		0.892313		1.05646		1.05646		0.807092		1.10523		1.10523		0.625212		1.22303		1.22303		1.28811		0.636974		-1.56992															
cg15261085	MAP4K2		0.800175		0.963963		0.965208		-1.03498		1.788258		1.815251		-1.22654		1.515196		1.65219		1.555242		1.57278		1.57278		1.51825		1.607528		-1.64601				0.777457		1.24061		1.24061		7		0.366604		2.025361		2.02536		0.193378		2.84976		0.514356		0.27438		0.438704	
cg00156052	WHSC1L1;WHSC1L1		0.800176		0.533204		1.11785		1.11785		0.598868		1.09823		1.09823		0.356293		1.18233		1.18233		0.834624		1.03759		1.03759		0.715612		1.36684		1.36684		0.374134		1.25742		1.25742		0.987048		1.00287		1.002288		0.631296		0.831479		1.203675		1.20367		0.731403		0.27438		0.438704	
cg08612871	GJB5		0.960262		0.972405		-1.02838		0.458385		1.52814		1.52814		1.148273		0.418977		-2.38677		0.581676		0.715612		-1.36684		0.374635		0.599427		-1.07203				0.702705		1.02705		1.027195		1.02705		0.621192		1.3228		1.3228		0.559519		2.77703		4.44033	
cg20567148	CUX1;CUX1;CUX1		0.800224		0.743712		0.790701		-1.2647		0.39458		1.86669		-1.86669		0.533071		1.57131		1.57131		0.959464		1.03705		1.03705		0.530166		0.634318		-1.5765				0.81608		1.18149		1.18149		0.167124		0.348469		-2.8697		0.643808		1.39556		1.39556		0.716585		0.770305		-1.29819		0.555872		4.51091		7.21334	
cg05538109	SRP19		0.800255		0.580299		0.888147		-1.12594		0.676642		1.09315		1.09315		0.786398		1.0063		1.0063		0.431465		1.5859		1.5859		1.179188		1.353993		1.35399		0.79647		0.946592		-1.05642		0.868442		0.985408		-1.03583		0.52295		1.47339		1.47339		0.290345		1.262411		1.26241		0.555818		0.390982		0.634872	
cg14106263	RBMX2		0.800273		0.551555		0.526916		-1.89784		0.769572		0.732081		-1.36597		0.758881		0.720748		-1.38745		0.545246		0.91794		1.15779		0.432809		0.425177		-2.23196				0.147998		0.191921		-5.21049		0.891371		0.864733		-1.15643		0.575201		1.82617		1.82617		0.686772		1.53904		1.53904		0.855802		9.95815		15.926	
cg17066620	MFNG;MFNG;MFNG		0.800273		0.309483		0.546429		-1.83006		0.429463		0.629102		-1.58957		0.329787		0.561076		-1.78229		0.306714		0.544404		-1.83637		0.281225		0.525422		-1.90323				0.630753		0.757075		-1.32087		0.230743		0.485571		-2.05943		0.437719		0.634524		-1.57598		0.767023		0.843055		-1.18616		0.555802		2.90655		4.64843	
cg22615158	WNT5A		0.800289		?		?		?		0.440483		0.706073		-1.41628		0.64303		1.22992		1.22992		0.690188		1.19416		1.19416		?		?						?		?		?		0.316105		1.59623		0.688021		0.839294		-1.19575		0.964838		1.01965		1.01965		0.481359		0.908671		1.5731	
cg17960347	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C		0.800295		0.453071		1.31784		1.31784		0.833941		1.07875		1.07875		0.468541		0.766165		-1.3052		0.297275		1.47724		1.47724		0.965043		1.02453		1.02453				0.218149		1.59639		1.59639		0.352801		1.41232		1.41232		0.777087		1.10793		1.10793		0.90526		0.957918		-1.04393		0.555771		1.14765		1.83552	
cg17377647	WDR45L		0.800296		0.641664		0.849579		-1.19821		0.418287		1.37357		1.37357		0.194925		0.681326		-1.46773		0.425736		1.36864		1.36864		0.465671		0.790497		-1.3317				0.615954		0.893136		-1.1972		0.464652		0.854516		-1.17074		0.818498		0.924328		-1.08192		0.306886		0.664892		1.504		0.555777		1.11033		2.09573	
cg24945881	SLC28A1		0.800297		0.416563		0.715361		-1.3979		0.302581		0.649964		-1.53855		0.357887		0.682877		-1.46439		0.974896		1.01278		1.01278		0.303221		0.650361		-1.53761				0.244841		1.36924		1.36924		0.758301		0.882921		-1.1326		0.895449		0.94834		-1.05447		0.40791		0.710697		-1.40707		0.555768		1.43263		2.29133	
cg16682227	DIRAS3		0.507449		2.16977		2.16977		2.169774		0.844284		1.25423		1.25423		0.988198		0.988396		-1.01719		0.407197		2.665551		2.665551		0.540921		0.204128		2.04128		0.204128		2.04128		0.553023		-1.80824		0.192183		6.57342		6.573424		0.707062		-1.42845		0.555766		11.6795		18.6801	
cg12723292	MED30		0.800308		0.414721		0.760667		-1.31567		0.61199		1.9465081		-1.38232		0.907403		-1.94573		0.631075		1.17259		1.92458		1.92458		0.811052		-1.23297				0.867595		0.946574		-1.05644		0.240037		0.697313		-1.43855		0.946707		1.02224		-1.02224		0.402543		1.32565		1.32565		0.557752		0.953098		1.52442	
cg13236637	MED21		0.800314		0.577822		1.97105		1.97105		0.683568		1.6349		1.6349		0.885006		1.19083		1.19083		?		?		?		0.231720		4.54401		4.54401				?		?		?		0.627162		0.553913		-1.80534		0.426778		0.375564		-2.66266		0.63139		1.79211		1.79211		0.516633		9.26965		20.5056	
cg23451063	C7orf50;C7orf50;C7orf50		0.800317		0.966792		1.02156		1.02156		0.949331		1.2139		1.2139		0.176765		2.07887		2.07887		0.801447		1.1378		1.1378		0.702707		1.21709		1.21709				0.804493		1.13549		1.13549		0.363934		1.61283		1.61283		0.881386		0.926358		-1.0795		0.925388		0.953445		-1.04916		0.555739		2.31018		3.69507	
cg05668317	ADAMTS9		0.800338		0.857909		0.961329		-1.04023		0.695331		1.09048		1.09048		0.206791		0.746017		-1.34045		0.606172		1.12525		1.12525		0.994887		0.998591		-1.00141				0.257957		0.771225		-1.29664		0.471893		1.17473		1.17473		0.961725		1.01062		1.01062		0.75976		0.16983		1.60983		1.60983		0.426234		0.681784	
cg24312412	CCDC55		0.800365		0.359771		0.823449		-1.2144		0.720902		0.610663		-1.07682		0.783141		0.844675		-1.05837		0.816481		1.04913		1.04913		0.899524		0.999882		-1.00012		0.603116		0.897433		-1.11429		0.556571		0.374577		0.599199	
cg08918923	ZNF648		0.800374		0.44152		0.800701		-1.24891		0.685151		1.12237		1.12237		0.944048		0.979059		-1.02139		0.915678		1.03045		1.03045		0.182056		1.49353		1.49353				0.497725		1.12527		1.12527		0.254381		1.40082		1.40082		0.973203		1.00956		1.00956		0.94759		0.981554		-1.01879		0.555658		0.705873		1.12919	
cg25587058	AFF2;AFF2;AFF2;AFF2;AFF2		0.800384		0.489252		0.564204		-1.77241		0.464819		-1.83328		0.932697		0.992571		-1.00749		0.336006		2.24405		2.24405		0.789075		0.80453		-1.24296				0.248295		0.374065		-2.67334		0.79443		0.108594		0.855416		-1.23708		0.664115		1.42758		1.42758		0.497676		1.75234		1.75234		0.554645		5.84186		9.34548	
cg17522550	KRT72;KRT72;KRT72		0.800411		0.915732		0.964644		-1.03654		0.940751		1.06258		1.06258		0.687998		0.928075		-1.0775		0.442374		1.1597		1.1597		0.883514		0.876502		-1.14123				0.364675		0.939895		-1.06479		0.732043		0.876265		1.14121		1.14121		0.556605		0.308856		0.483127		1.2	
cg21994267	HIC1		0.800413		0.311812		1.23646		1.23646		0.824061		0.955835		-1.04621		0.380938		0.833348		-1.19998		0.277502		1.25746		1.25746		0.826396		1.04557		1.04557				0.934556		1.0168		1.0168		0.745314		1.06835		1.06835		0.567166		1.12449		1.12449		0.307559		1.23894		1.23894		0.555603		0.3621		0.579311	
cg15410324	SHANK2		0.800414		0.859907		1.07804		1.07804		0.774055		1.11559		1.11559		0.803702		1.0572		1.0572		0.390139		1.14634		1.14634		0.184832		1.14744		1.14744		0.519476		1.17054		1.14749		1.14749		0.299345		1.05909		1.05909		0.561553		2.61022	
cg11260807	C10orf35		0.800424		0.442142		0.897103		-1.1147		0.776053		1.04031		1.04031		0.617236		0.932568		-1.07231		0.909888		0.984435		-1.01851		0.985923		0.966072		1.0632		1.0632		0.356417		1.10686		1.06022		1.06022		0.611352		0.944554		1.05544		1.05544		0.168915		0.627026	
cg19207856	PIGP;PIGP;TTC1;PIGP;PIGP		0.800462		0.489748		0.799732		-1.25042		0.510192		1.23709		1.23709		0.842955		1.06522		1.06522		0.811876		0.926869		-1.0789		0.231043		0.670216		-1.49206				0.737351		0.898342		-1.11316		0.446561		0.781054		-1.28032		0.430785		1.29192		1.29192		0.57756		1.19627		1.19627		0.555534		0.892586		1.42819	
cg16933124	PSKH1;PSKH1		0.800469		0.818011		1.08162		1.0956		0.875865		1.12735		1.12735		0.803582		1.03035		1.03035		0.719454		1.16553		1.16553		0.956727		1.03033		1.03033		0.954552		1.17334		1.14063		1.14063		0.858511		1.18501		1.18501		0.755524		1.78980		2.86399	
cg23062112	ANO3		0.80047		0.634244		0.819401		-1.2204		0.464734		0.362335		0.362335		0.164		0.534795		1.53795		1.53795		0.633965		1.34142		1.34142		0.229601		0.592285		-1.68838				0.76345		1.13364		1.13364		0.781094		0.890679		-1.12274		0.689455		1.18167		1.18167		0.797112		1.11301		1.11301		0.555121		0.542134		2.43132	
cg22655510	PRDM16;PRDM16		0.800471		0.862302		1.16094		1.16094		0.919222		1.19222		1.19222		0.827861		1.18491		1.18491		?		1.30224		1.30224		0.560213		0.561112				0.625449		0.777		0.777		0.302477		0.514005		-1.94598		0.577

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1051 vs. N)	Fold-Change(1051 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg01664925	LZTS1;LZTS1	0.8001661	0.938099	0.954854	-1.04726	0.6288	0.15195	1.33595	0.986402	1.02019	1.01019	0.88455	1.09026	0.274945	1.96521	1.96521	0.162703	2.4264	2.4264	0.61501	1.95205	1.95205	0.22238	2.14411	2.14411	0.772847	1.18785	1.18785	0.558831	3.10306	0.488036	1
cg16521594	SFRS1;SFRS1	0.8001662	0.980748	1.0077	1.0077	0.799341	1.08435	1.08435	0.792731	1.08733	1.08733	0.411315	1.30615	1.30615	0.680523	1.14068	1.14068	0.357879	1.35066	1.35066	0.687053	1.13741	1.13741	0.167981	0.626783	-1.59545	0.76428	0.908819	-1.10033	0.553829	0.188657	1.42294	1
cg19369556	CDH13	0.80168	0.151562	0.66623	-1.50098	0.784699	0.930175	-1.07507	0.561228	0.856176	-1.16798	0.872493	1.04337	1.04337	0.946028	0.982265	-1.01805	0.297877	0.751844	-1.33006	0.519155	0.841364	-1.18855	0.650727	0.886504	-1.12803	0.520812	1.18771	1.18771	0.553804	0.612751	0.983503	1
cg25531341	UTRN	0.80168	0.981777	0.982452	-1.01786	0.312926	0.445276	-2.2458	0.124276	0.275242	-3.63317	0.584041	0.651441	-1.53506	0.766018	0.79345	-1.26028	0.688065	0.731368	-1.36737	0.469026	0.564946	-1.77008	0.63198	1.45131	1.45131	0.965025	1.03457	0.553798	5.26994	0.854866	1
cg26664455	SFXN5	0.801708	0.877239	1.11505	1.11505	0.43367	0.568653	-1.75854	0.251801	2.33723	2.33723	0.538304	1.22951	1.22951	0.642212	-1.55227	0.872252	0.892824	-1.12004	0.864866	0.886923	-1.12749	?	?	0.530481	1.56592	1.56592	?	?	0.511745	3.06185	5.98316	1
cg26667968	MAD1L1;MAD1L1;MAD1L1	0.801709	0.946513	1.018563	1.01858	0.953455	0.985472	-1.02574	0.414724	0.401255	2.79003	-1.26578	0.636291	0.877502	-1.1396	0.202511	0.691355	-1.46464	0.214018	0.698445	-1.43176	0.631027	1.1423	1.1423	0.785865	1.07757	1.07757	0.962763	0.987275	-1.01289	0.553763	0.660306	1.05943	1
cg27382393	ENTPD6;ENTPD6	0.8017231	0.417443	0.771473	-1.29622	0.59571	1.01594	1.01594	0.694899	1.13136	1.13136	0.407106	1.30411	1.30411	0.80229	1.08172	1.08172	0.210922	1.51091	1.51091	0.86412	0.947783	-1.05509	0.384014	1.32244	1.32244	0.590568	0.843617	-1.18537	0.553743	0.859753	1.38011	1
cg26315149	PRKCZ;PRKCZ;PRKCZ	0.8017238	0.726321	0.797931	-1.25324	0.180757	2.04146	2.49146	0.156281	2.12883	2.12883	0.625752	1.76122	-1.31024	0.520183	0.657885	-1.52002	0.871656	1.10944	1.10944	0.784837	1.19219	1.19219	0.828274	0.908756	-1.14975	0.880994	0.908255	-1.10101	0.553736	3.61866	5.80989	1
cg26319246	FAM181B	0.80232	0.602205	1.34645	1.34645	0.483026	0.666987	-1.49928	0.347328	0.963334	-1.03806	0.185593	2.21143	?	0.615402	2.21143	?	0.923171	0.94692	-1.05606	0.705502	0.806813	-1.23944	0.431125	0.642672	-1.556	0.752685	1.1957	1.1957	0.536195	2.43122	4.50064	1
cg02758247	CDH20	0.8017351	0.849699	0.942458	-1.06105	0.983719	1.00639	1.00639	0.663286	0.872102	-1.14665	0.951201	0.981063	-1.0193	0.960669	1.01552	1.01552	0.596416	0.84624	-1.1817	0.156692	1.59897	1.59897	0.259033	1.44463	1.44463	0.724186	0.895228	-1.11703	0.553725	0.853803	1.37381	1
cg08530724	C6orf182;C6orf182	0.8017451	0.479167	0.75955	-1.31674	0.907419	1.16353	1.16353	0.907492	1.03883	1.03883	-1.10622	1.63038	0.836916	-1.19495	0.733793	1.2378	0.383605	0.720324	-1.38826	0.464108	1.3147	1.3147	0.469191	1.31049	1.31049	0.757968	1.12019	0.553712	1.18242	1.88816	1
cg11023815	SNRPC;SNRPC	0.80178	0.577562	0.555484	-1.80023	0.274201	1.28344	1.28344	0.141146	5.22634	5.22634	0.631643	1.65654	1.65654	0.98553	1.00193	1.00193	0.903773	1.13471	1.13471	0.556643	1.86125	1.86125	0.799237	1.30514	1.30514	0.808898	0.773173	-1.29337	0.553662	0.57443	15.3715	1
cg25716242	C17orf55	0.80178	0.974831	1.010861	1.01861	0.105628	2.818212	2.818212	0.409486	1.63728	1.63728	0.898049	1.037174	1.0378	0.62291	1.33603	1.33603	0.676621	0.782578	-1.27783	0.840359	0.880799	-1.13511	0.66134	1.50921	1.50921	0.753662	1.202339	1.202339	0.553662	2.99567	4.80946	1
cg26716323	TOMM7	0.8017881	0.516865	0.910751	-1.0984	0.493332	1.10402	1.10402	0.722525	0.97979	-1.0226	0.433409	0.837174	-1.19449	0.606722	0.9288	-1.07666	0.423563	1.1233	1.1233	0.643443	0.935843	-1.06856	0.627264	0.93276	-1.07209	0.521483	1.09684	1.09684	0.553566	0.177435	0.284868	1
cg00906420	ROBO1;ROBO1;ROBO1;ROBO1	0.801826	0.186871	0.319287	-3.13197	0.607568	0.655284	-1.52605	0.682476	0.784586	-1.39883	0.929024	0.929883	-1.07454	0.719592	0.273285	-3.65919	0.742571	0.764182	-1.30859	0.786746	0.804196	-1.24367	0.713298	1.3514	1.3514	0.919912	0.921211	-1.08553	0.553596	5.83808	9.374	1
cg00736707	C7orf50;C7orf50;C7orf50	0.801849	0.638354	0.770053	-1.29861	0.414427	1.58478	1.58478	0.307864	1.76063	1.76063	0.919596	1.06174	1.06174	0.25385	0.518061	-1.93035	0.907964	1.0331	1.0331	0.477223	1.49019	1.49019	0.737053	0.824137	-1.21339	0.69193	1.24586	1.24586	0.553564	0.6706	4.28812	1
cg21295104	CCDC117	0.8018152	0.620944	0.912277	-1.09616	0.960387	1.00919	1.00919	0.708334	1.07167	1.07167	0.27127	0.809817	-1.23485	0.403852	0.854424	-1.17038	0.672282	1.08152	1.08152	0.238039	0.796415	-1.25563	0.952881	1.01094	1.01094	0.561538	1.11418	1.11418	0.55356	0.29741	0.477572	1
cg09675951	C10orf26;C10orf26	0.801861	0.504136	0.443782	-2.30531	0.683514	0.603463	-1.6571	0.460478	0.351188	-2.84748	0.619713	0.539859	-1.85233	0.326868	0.287293	-3.48076	0.421809	2.74825	2.74825	0.993289	0.90478	-1.10524	0.960664	1.18346	1.18346	0.56801	0.49191	-2.03289	0.553547	1.31319	21.3763	1
cg18596621	PITPNC1;PITPNC1	0.8018801	0.500105	0.499766	-2.00115	0.302501	0.390946	-2.5579	0.842811	1.15074	-1.08704	0.699703	0.440608	1.40658	0.415068	0.480359	2.08031	0.219362	0.321192	-3.1134	0.313499	0.435931	-2.40424	0.700832	0.718353	-1.39207	0.858364	1.17008	1.17008	0.553759	0.677786	10.8845	1
cg19027571	CHFR;CHFR;CHFR;CHFR;CHFR	0.8019097	0.378897	0.794606	-1.25849	0.86885	1.04298	1.04298	0.315152	1.30265	1.30265	0.542252	1.17012	1.17012	0.869324	1.04282	1.04282	0.77996	1.07393	1.07393	0.245707	0.734028	-1.36235	0.779186	0.930916	-1.07421	0.602298	0.874681	-1.14327	0.553482	0.568561	0.913105	1
cg14304349	TRIM6;TRIM6-TRIM34;TRIM6	0.8019166	0.55405	0.65517	-1.52657	0.542932	0.138264	-7.22943	0.372774	0.224732	-4.44974	0.679625	0.956191	-1.04625	?	0.764469	1.1212	1.1212	0.893782	0.802506	-1.2461	0.825314	1.43426	1.43426	0.560919	2.508037	2.60937	0.406576	0.400051	0.553931	20.0827	37.4726	1
cg23429746	DLG3	0.8019322	0.400535	0.263892	-3.78942	0.795475	0.668881	-1.49504	0.781217	0.649837	-1.53885	0.192504	0.846072	0.846072	0.929696	1.14638	1.14638	0.253598	0.157897	-6.33323	0.953086	0.813541	1.37144	1.37144	0.894946	0.815028	-1.22695	0.553646	2.1009	33.7416	1
cg18736791	TSNARE1	0.8019347	0.209749	2.33141	2.33141	0.328854	1.91204	1.91204	0.112307	1.36844	1.36844	0.777374	1.6298	1.6298	0.565326	1.38582	1.38582	0.241428	2.18887	2.18887	0.919762	0.970222	-1.03027	0.968112	1.3029	1.3029	0.772141	1.20434	1.20434	0.553605	0.572782	1	1
cg07297830	CCND2	0.8019375	0.373618	2.06085	2.06085	0.285909	2.40483	2.40483	0.597816	1.52425	1.52425	0.374618	2.05757	2.05757	0.200666	2.9158	2.9158	0.395133	1.99279	1.99279	0.634439	1.4612	1.4612	0.336181	2.19274	2.19274	0.362337	2.098666	2.098666	0.553385	1.49409	8.82503	1
cg11812849	PTPN2;PTPN2;PTPN2	0.801918	0.924025	1.06171	1.06171	0.680809	1.29651	1.29651	0.541873	1.46445	1.46445	0.897918	1.08391	1.08391	0.382331	1.75499	1.75499	0.74524	1.22713	1.22713	0.0822478	3.34881	3.34881	0.510969	1.51979	1.51979	0.548406	1.46411	1.46411	0.553377	3.45423	5.54853	1
cg26682286	HPS4;HPS4;HPS4	0.8019601	0.652703	1.08247	1.08247	0.933148	0.985482	-1.01473	0.425025	1.15259	1.15259	0.182182	0.961115	-1.0399	0.977488	1.02238	1.02238	0.767324	1.05308	1.05308	0.577736	1.1084	1.1084	0.553163	1.05263	1.05263	0.525644	0.893945	-1.11864	0.553563	0.266326	0.42781	1
cg21455844	UNC13A	0.8019697	0.549274	1.42374	1.42374	0.182246	2.28769	2.28769	0.285646	1.90897	1.90897	0.425389	1.60737	1.60737	0.202164	2.19275	2.19275	0.608314	1.35172	1.35172	0.557616	1.41308	1.41308	0.607373	1.35281	1.35281	0.868407	1.101151	1.101151	0.553354	2.97925	4.78577	1
cg27381979	HDAC11;HDAC11	0.8019698	0.484284	0.678151	-1.47434	0.328913	0.547179	-1.82756	0.790856	1.13568	1.13568	0.462693	1.4197	1.4197	0.98908	1.01424	1.01424	0.638259	0.77208	-1.29529	0.943238	1.06089	1.06089	0.742057	1.0819	1.0819	0.838483	1.12651	1.12651	0.553552	2.61636	4.20284	1
cg02376178	CSNK1G2	0.8020006	0.669384	0.735353	-1.35989	0.134411	0.315005	-3.17455	0.736968	0.785645	-1.27284	0.362661	0.514632	-1.94313	0.570963	0.50654	-1.97533	0.800771	1.19837	1.19837	0.915922	1.07851	1.07851	0.678659	0.981039	-1.01933	0.445708	0.573311	1.74425	0.553341	0.448864	7.21057	1
cg10778841	SOHCS3	0.8020006	0.844383	0.932447	-1.07245	0.452149	1.31338	1.31338	0.882043	1.05426	1.05426	0.853139	0.936176	-1.06817	?	?	?	0.832603	0.927438	-1.07824	0.776146	1.10679	1.10679	0.448541	1.31616	1.31616	0.12465	1.80698	1.80698	0.553601	0.955419	1.78316	1
cg04044502	RTKN2;RTKN2	0.8020019	0.894861	1.05098	1.05098	0.951	1.17451	1.17451	0.606134	1.1955	1.1955	0.16743	1.67786	1.67786	0.764469	1.1212	1.1212	0.457437	1.13627	1.13627	0.810205	0.775501	-1.28949	0.424208	1.3644	1.3644	0.208393	1.507709	1.507709	0.553322	1.27015	2.69045	1
cg07103072	ITCH	0.8020021	0.431295	2.47787	2.24787	0.352669	1.63112	2.63112	0.85424	0.83073	-1.20376	0.6059	1.54971	1.54971	0.974539	0.968329	-1.03271	0.943583	1.03798	1.07398	0.382153	2.56425	2.56425	0.211929	3.76594	3.76594	0.231387	3.54625	3.54625	0.55332	8.91154	14.3161	1
cg04174232	RAB11FIP4	0.8020045	0.191947	2.93141	2.93141	0.328854	1.91204	1.91204	0.112307	1.36844	1.36844	0.777374	1.6298	1.6298	0.565326	1.38582	1.38582	0.241428	2.18887	2.18887	0.919762	0.970222	-1.03027	0.968112	1.3029	1.3029	0.772141	1.20434	1.20434	0.553605	0.572782	1	1
cg24293914	DNTT;DNTT	0.80205	0.565851	1.22588	1.22588	0.185938	1.63573	1.63573	0.256252	1.51561	1.51561	0.93981	0.97385	-1.02685	0.471844	1.29278	1.29278	0.728555	1.84947	-1.13004	0.912674	1.03924	1.03924	0.811567	1.08742	1.08742	0.313644	1.44147	1.44147	0.553279	1.07888	1.73331	1
cg20700762	MYO1B;MYO1B;MYO1B	0.8020089	0.81877	1.1161	1.1161	0.944905	1.01275	1.01275	0.312911	0.606806	-1.64797	0.979619	0.987849	-1.0123	0.972579	1.01659	1.01659	0.236789	1.8098	1.8098	0.223029	1.84553	1.84553	0.886186	1.07095	1.07095	0.853986	0.915608	-1.09217	0.553222	2.00682	3.22445	1
cg20702559	FAM110B	0.8020175	0.426775	1.42121	1.42121	0.230824	1.36584	1.36584	0.777374	1.6298	1.6298	0.565326	1.38587	1.38587	0.241428	2.18887	2.18887	0.919762	0.970222	-1.03027	0.968112	1.3029	1.3029	0.772141	1.20434	1.20434	0.553605	0.572782	1	1	1	1
cg05569280	GPR113;SEU	0.8021118	0.361797	2.22369	2.22369	0.964498	1.03868	1.03868	0.800617	1.24079	1.24079	0.215448	3.03909	3.03909	0.242257	2.83884	2.83884	0.281805	2.59498	2.59498	0.801498	0.806728	-1.23957	0.981933	0.98088	-1.01949	0.794632	1.24907	1.24907	0.553181	6.36791	10.2324	1
cg05716556	ABI1;GNGT2;ABI3	0.8021124	0.994428	1.00235	1.00235	0.476435	0.728728	-1.3725	0.816156	0.878555	-1.13823	0.429526	0.932973	-1.07257	0.484153	2.06553	2.06553	0.604628	0.82903	-1.20611	0.50568	1.94033	1.94033	0.505682	1.19094	1.19094	0.180937	1.64442	1.64442	0.553173	0.985977	1.58436	1
cg07989867	MAGEE1	0.8022128	0.226743	3.08709	-2.58338	0.654451	0.713974	-1.40061	0.624676	0.691611	-1.4459	0.430338	1.8257	1.8257	0.98948	1.0158545	1.0158545	0.260147	3.84978	3.84978	0.0884	0.676049	-1.47923	0.84309	0.774	-1.29122	0.804374	1.20393	1.20393	0.847598	1.14575	1.73468	1
cg05037360	CASQ2	0.8022138	0.761668	1.08031	1.08031	0.50216	1.18883	1.18883	0.511825	0.844539	-1.18408	0.854938	0.954743	-1.0474	0.109383	0.641915	-1.55784	0.673406	1.11366	1.11366	0.950404	1.01592	1.01592	0.954667	0.985667	-1.01454	0.818088	0.943171	-1.06025	0.553153	0.564986	0.907905	1
cg25792716	MGMT	0.8022151	0.347197	0.681001	-1.46785	0.687138	0.728728	-1.3725	0.816156	0.878555	-1.13823	0.429526	0.932973	-1.07257	0.484153	2.06553	2.06553	0.604628	0.82903	-1.20611	0.50568	1.94033	1.94033	0.505682	1.19094	1.19094	0.180937	1.64442	1.64442	0.553173	0.985977	1.58436	1
cg05434115	BSCL2;BSCL2	0.8022171	0.609715	0.928578	-1.07692	0.939379	1.13391	1.13391	0.409177	1.12918	1.12918	0.818607	0.978779	-1.02168	0.193361	1.21908	1.21908	0.354134	1.47007	1.47007	0.959598	0.992735	-1.00732	0.933854	1.01202	1.01202	0.704351	0.946609	-1.05634	0.553107	0.181463	0.291626	1
cg22911847	ZNF292	0.8022177	0.651027	1.08247	1.08247	0.933148	0.985482	-1.01473	0.425025	1.15259	1.15259	0.182182	0.961115	-1.0399	0.977488	1.02238	1.02238	0.767324	1.05308	1.05308	0.577736	1.1084	1.1084	0.553163	1.05263	1.05263	0.525644	0.893945	-1.11864	0.553563	0.266326	0.42781	1
cg16936060	HOPX;HOPX;HOPX;HOPX;HOPX	0.8022195	0.197273	2.29219	2.29219	0.960547	0.970344	-1.03056	0.56118	1.42454	1.42454	0.806707	0.861408	-1.16089	0.995563	1.00334	1.00334	0.311296	0.52861	-1.89175	0.940264	0.955414	-1.04667	0.375497	1.73938	1.73938	0.638722	1.33347	1.33347	0.553073	3.24421	5.21404	1
cg19238313	PTPN4	0.8022199	0.995502	1.00227	1.00227	0.934827	1.191	1.199	0.780442	1.28133	1.28133	0.255616	0.616252	1.4497	0.998	1.001424	1.001424	0.638259	0.77208	-1.29529	0.943238	1.06089	1.06089	0.742057	1.0819	1.0819	0.838483	1.12651	1.12651	0.553552	2.61636	4.20284	1
cg22900151	FAM9C;FAM9C	0.8022211	0.341754	1.57566	1.57566	0.306453	1.63463	1.63463	0.256252	1.51561	1.51561	0.93981	0.97385	-1.02685	0.471844	1.29278	1.29278	0.728555	1.84947	-1.13004	0.912674	1.03924	1.03924	0.811567	1.08742	1.08742	0.313644	1.44147	1.44147	0.553279	1.07888	1.73331	1
cg15536165	FIX1	0.80223	0.503449	1.10812	1.10812	0.875685	0.976606	-1.02395	0.299966	0.850087	-1.17635	0.315349	0.854719	-1.16997	0.639366	0.911124	-1.07397	0.933605	1.01268	1.01268	0.526048	0.907423	-1.10202	0.235258	0.828534	-1.20695	0.512914	0.904532	-1.10554	0.553023	0.200252	0.32187	1
cg13739136	PIEBPL	0.8022237	0.864143	1.08482	1.08482	0.737354	0.96082	-1.04106	0.541466	0.98293	-1.01707	0.617154	0.972725	-1.02764	0.708542	1.0748	1.0748	0.924703	1.07454	-1.07943	?	0.926404	0.840015	-1.19045	0.510205	0.775501	-1.28949	0.424208	1.3644	1.3644	0.208393	1.507709	1.507709	0.553322	1.27015	2.69045	1
cg06200803	COPG	0.80225	0.603998	0.892686	-1.12021	0.884966	0.970405	-1.0305	0.325788	1.24623	1.24623	0.710606	1.08422	1.08422	0.29283	1.26714	1.26714	0.971773	1.00771	1.00771	0.555894	0.878765	-1.13796	0.307131	0.795035	-1.25781	0.757036	1.06965	1.06965	0.552994	0.412243	0.662644	1
cg08795112	PDE1A;PDE1A	0.8022256	0.500904	0.377534	-1.55284	0.598311	0.742536	-1.34674	0.283924	1.64168	1.64168	0.819328	0.910862	-1.09786	0.915538	1.04831	1.04831	0.419077	0.6198	-1.4537	0.611532	0.796313	-1.25579	0.640566	0.811307	-1.23258	0.360999	1.519353	1.519353	0.552985	1.73187	2.78387	1
cg14568353	THAP5;THAP5;DNAI1B;THAP5	0.8022269	0.539628	0.729556	-1.37107	0.752814	1.17412	1.17412	0.666559	1.16559	1.16559	0.877858	0.985995	-1.0142	0.515199	1.37484	1.37484	0.447421	0.692736	-1.44555	0.693787	0.934061	-1.09402	0.673947	0.885802	-1.28569	0.897226	1.067588	1.067588	0.552967	2.264189	0.53596	1
cg01408194	PROS1;PROS1	0.8022295	0.435728	1.20343	1.20343	0.552947	0.869551	-1.15002	0.763641	1.07007	1.07007	0.727048	0.921636	-1.08503	0.501587	0.853273	1.17196	0.992058	0.907685	-1.00232	0.920317	1.02357	1.02357	0.993356	1.00194	1.00194	0.134282	1.45648	1.45648	0.55293	0.474889	0.76343	1
cg09132215	TAS1R1;TAS1R1;TAS1R1;NOL9;TAS1R1	0.8023323	0.375063	0.610163	-1.63891	0.454126	0.661212	-1.51238	0.898247	0.932932	-1.07189	0.973433	0.982091	-1.01824	0.114463	0.393923	-2.53857	0.968213	1.02186	1.02186	0.618417	0.761483	-1.31323	0.622939	0.764199	-1.30856	0.631684	1.29963	1.29963	0.55289	2.57846	4.14542	1
cg21195290	VLDLR;VLDLR;FLJ35024	0.8023331	0.859022	0.933574	-1.08299	0.44451	0.707608	-1.41321	0.933556	1.03291	1.0381	0.50239	0.736945	-1.35655	0.491455	0.694253	-1.44039	0.772749	1.13864	1.13864	0.234882	0.572185	-1.74709	0.709955	0.845762	-1.18237	0.317781	1.5889	1.5889	0.552879	1.76061	2.83061	1
cg08047290	PTBP1;PTBP1;PTBP1	0.8023355	0.548548	1.12102	1.12102	0.430316	0.859425	-1.16357	0.241591	1.25945	1.25945	0.49288	0.877166	-1.14003	0.461465	0.864914	-1.15152	0.578475	1.1114	1.1114	0.617359	1.09943	1.09943	0.933434	0.984425	-1.01582	0.791896	0.951454	-1.05102	0.55284	0.310084	0.498571	1
cg01458646	NOTCH4	0.8023365	0.230926	0.415321	-2.40778	0.811532	1.18179	1.18179	0.873001	0.894174	-1.11835	0.492197	0.613991	-1.62869	0.237266	0.420736	-2.37679	0.574849	0.672821	-1.48628	0.818814	0.851772	-1.17402	0.300796	0.472516	-2.11633	0.686241	1.32838	1.32838	0.55283	4.28076	6.88209	1
cg26687670	OPN3	0.8023366	0.260097	0.623813	-1.60299	0.341097	1.12882	1.12882	0.341007	1.89582	1.89582	0.748755	1.24739	1.24739	0.316289	2.08153	2.08153	0.279584	2.08115	2.08115	0.676982	1.47552	1.47552	1.35003	1.35003	0.37943	1.80026	1.80026	0.889824	0.913589	1.09458	0.553283	1.27243	1.98525	1
cg03323614	HEG1	0.80241	0.353963	1.40595	1.40595	0.654111	1.1746	1.1746	0.734619	0.885539	-1.12926	0.481671	1.29112	1.29112	0.268289	0.662359	-1.50975	0.354739	0.711676	-1.40513	0.954019	0.97961	-1.02081	0.6913	1.15326	1.15326	0.78962	0.908885	-1.10025	0.552767	1.11742	1.79689	1
cg28217124	NKX2-5;NKX2-5;NKX2-5	0.8024117	?	?	?	0.858443	?	?	0.941799	0.96118	?	?	?	?	?	?	?	?	?	?	?	?	?	0.442204	1.130044	-7.63685	0.333019	11.1318	11.1318	0.74649	1	1	1
cg27146477	ANO10	0.8024215	0.385124	1.39963	1.39963	0.497952	1.29666	1.29666	0.841598	0.92723	-1.07848	0.982386	0.991699	-1.00837	0.407597	0.726258	-1.37692	0.954878	1.0216	1.0216	0.290368	1.51335	1.51335	0.256058	1.56464	1.56464	0.698773	1.15815	1.15815	0.55276	1.24812	2.00709	1
cg04660041	OCI	0.80242	0.447245	1.86726	1.86726	0.323721	2.27628	2.27628	0.308507	2.33894	2.33894	0.247184	2.65234	2.65234	0.499781	1.73713	1.73713	0.296415	2.39355	2.39355	0.688795	0.722856	-1.3834	0.774262	1.26089	1.26089	0.625893	1.48598	1.48598	0.552752	5.68939	9.14919	1
cg00534371	CCDC142;MRPL53	0.8024423	0.954841	1.03405	1.03405	0.69062	0.994482	-1.00552	0.948281	1.13336	1.13336	0.648519	0.88557	-1.12937	0.644648	0.901401	-1.10941	0.880711	1.1401	1.1401	0.476475	0.880573	1.13604	0.826777	0.937143	-1.06707	0.249325	1.42853	1.42853	0.552747	0.768103	1.23121	1
cg00775115	ZNF41;ZNF41	0.8024446	0.210074	0.24784	-4.03487	0.446082	0.440313	-2.27111	0.69994	0.664318	-1.5053	0.602767	1.7411	1.7411	0.855328	0.824686	-1.21258	0.165403	0.209289	0.47808	-2.09329	0.765802	-1.30582	0.895384	0.870278	-1.14906	0.971988	1.03778	1.03778	0.552716	9.76381	15

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs N)	p-value(1050 vs. N)	Fold-Change(1050 vs N)	p-value(1111 vs. N)	Fold-Change(1111 vs N)	p-value(1127 vs. N)	Fold-Change(1127 vs N)	p-value(1217 vs. N)	Fold-Change(1217 vs N)	p-value(1221 vs. N)	Fold-Change(1221 vs N)	p-value(1247 vs. N)	Fold-Change(1247 vs N)	p-value(1477 vs. N)	Fold-Change(1477 vs N)	p-value(1533 vs. N)	Fold-Change(1533 vs N)	p-value(5377 vs. N)	Fold-Change(5377 vs N)	p-value(5633 vs. N)	Fold-Change(5633 vs N)	F(Error
cg00443797	PPAP2C1A		0.803272		0.401867	0.7632	-1.31027	0.727545	0.895247	-1.11701	0.138881	0.604113	-1.60532	0.808738	0.926148	-1.07974	0.451947	1.27436	1.27436		0.639292	0.86127	-1.16108	0.423004	0.772296	-1.29484	0.808341	0.929321	-1.08001	0.631205	0.858116	-1.16534	0.551542	0.874321	1.40909	1
cg15840758	TNXB		0.803272		0.497161	1.31512	1.33512	0.530709	1.28706	1.28706	0.836654	0.921236	-1.0855	0.928033	0.964738	-1.03655	0.724992	0.869048	-1.15068		0.809537	1.10071	1.10071	0.909463	2.00069	0.994794	1.41389	1.41389	0.929438	1.03582	1.03582	0.551542	1.37939	2.22309	1
cg04297329	NAP1L2		0.803273		0.33256	0.277594	-3.60238	0.909288	0.864044	-1.15735	0.465755	0.386079	-2.59015	0.169916	0.51629	0.51629	0.829416	1.31868	1.31868		0.525032	0.43788	-2.28373	0.916344	1.14421	1.14421	0.854603	1.26515	1.26515	0.955278	1.07455	1.07455	0.55154	1.34992	23.1419	1
cg17837162	TSPY4		0.803292		0.269655	12.8073	12.8073	0.784121	0.533385	-1.87014	0.44905	?	?	?	0.387605	0.127964	-7.81579		0.604165	3.3266	3.3266	0.730221	2.20996	2.20996	0.768318	1.96643	1.96643	0.701516	0.413655	-2.41748	0.501602	29.6073	42.1611	1
cg05626073	AP2A2		0.803298		0.491335	0.623009	-1.60511	0.484194	1.61814	1.61814	0.822052	0.858562	-1.16474	0.522201	0.55131	0.55131	0.75855	0.808203	-1.23731		0.35684	0.526484	-1.89939	0.701109	0.72932	-1.28833	0.610959	1.41651	1.41651	0.237866	0.433001	-2.30946	0.551504	0.400291	0.645172	1
cg04285378	SLC39A7;SLC39A7;RXRB		0.803303		0.31987	1.19774	1.19774	0.213346	0.794512	-1.25863	0.477419	0.880909	-1.13519	0.975343	0.99459	-1.00544	0.698987	1.07059	1.07059		0.442265	1.14743	1.14743	0.851465	1.03345	1.03345	0.819531	1.04003	1.04003	0.767702	1.05337	1.05337	0.551408	1.26034	0.433783	1
cg21942218	CAMTA1		0.803318		0.876952	0.971972	-1.02884	0.690525	1.07619	1.07619	0.440634	1.11521	1.11521	0.825401	1.04137	1.04137	0.309211	1.21298	1.21298		0.690576	0.929218	-1.07617	0.147749	1.32968	1.32968	0.756727	0.944583	-1.05867	0.829715	0.961255	-1.04031	0.551476	0.294011	0.473897	1
cg06155159	OLIG2		0.803332		0.26836	0.659399	-1.51884	0.289482	0.671267	-1.48972	0.544015	0.800492	-1.24937	0.488465	0.751077	-1.33142	0.50043	0.7804	-1.28139		0.376362	1.38972	1.38972	0.78633	0.904885	-1.10511	0.8048	0.914543	-1.09392	0.534594	0.795942	-1.25637	0.551456	1.14784	1.85019	1
cg16235537	FNIP2;FNIP1		0.803343		0.85638	1.10844	1.10844	0.447066	0.644366	-1.55191	0.803997	1.15434	1.15434	0.232366	1.14879	1.14879	0.702329	1.2456	1.2456		?	?	?	?	1.15394	1.15394	0.633285	1.31411	1.31411	0.533878	2.42731	4.54657	1
cg22678707	ATM;NPAT		0.803358		0.94303	1.03028	1.03028	0.96497	1.0185	1.0185	0.531103	1.30324	1.30324	0.866484	0.932164	-1.07277	0.677997	0.840041	-1.19042		0.384686	1.45075	1.45075	0.427197	0.712887	-1.40275	0.840901	1.08753	1.08753	0.168815	0.542231	-1.84423	0.551419	1.522	2.45346	1
cg10196234	C22orf23;POLR2F		0.803361		0.564964	1.10297	1.10297	0.0503	1.15484	1.15484	0.90347	1.02065	1.02065	0.61497	1.28143	1.28143	0.489674	1.12549	1.12549		0.647301	0.925332	-1.08069	0.959446	0.99147	-1.0086	0.963115	0.883775	-1.13408	0.91388	0.981941	-1.01839	0.551415	0.247849	0.399536	1
cg20007892	ZFAT;ZFAT;ZFAT		0.803363		0.369218	0.805021	-1.2422	0.882522	0.965822	-1.03539	0.548438	0.866918	-1.15351	0.557803	0.869877	-1.14959	0.811664	0.945407	-1.05775		0.594636	0.88134	-1.13466	0.910558	0.900584	-1.10916	0.965304	1.01028	1.01028	0.551412	0.483032	0.378659	1
cg07146591	MIR548H4;GLCE		0.803392		0.526391	0.665585	-1.51267	0.434614	1.12737	1.12737	0.675819	1.31455	1.31455	0.801239	0.850469	-1.17592	0.985967	1.01941	1.01941		0.316565	0.81285	-1.23017	0.995013	0.503827	0.645486	-1.54922	0.806693	1.97906	1.97906	0.614651	1.38743	1.38743	0.551371	3.63751	5.85774	1
cg07562835	ITGB4;ITGB4;ITGB4		0.803397		0.371254	1.18182	1.18182	0.740536	0.980117	-1.02029	0.115356	0.547165	-1.8276	0.754291	1.11695	1.11695	0.766285	0.900324	-1.11071		0.759788	0.897602	-1.11408	0.733871	0.886736	-1.12773	0.760933	1.11079	1.11079	0.846405	0.933968	-1.0707	0.551363	1.08354	1.74685	1
cg03037360	PSEN2;PSEN2		0.803407		0.401766	0.890058	-1.12352	0.443787	1.11718	1.11718	0.277996	1.17366	1.17366	0.649336	1.06712	1.06712	0.490303	1.10456	1.10456		0.496203	1.10303	1.10303	0.735654	1.04927	1.04927	0.654478	0.938068	-1.06602	0.527765	0.913206	-1.09504	0.551435	0.175882	0.283558	1
cg26250989	ACOT7;ACOT7;ACOT7		0.803428		0.438336	0.780233	-1.41236	0.361647	0.666117	-1.50124	0.276033	0.875538	-1.13956	0.829385	0.88802	-1.12582	0.655972	1.24401	1.24401		0.410738	0.694551	-1.43978	0.297175	0.626505	-1.59732	0.729481	1.16301	1.16301	0.445025	1.40124	2.55119	1.63943	2.64324	1
cg06631978	UHRF1;UHRF1		0.803456		0.726626	0.821454	-1.21735	0.200596	2.13292	2.13292	0.406354	1.60959	1.60959	0.920282	0.945452	-1.0577	0.656807	0.77835	-1.28477		0.332924	0.571404	-1.75008	0.88064	1.08784	1.08784	0.969503	0.978806	-1.02165	0.592548	0.738831	-1.35349	0.551279	2.74135	4.42018	1
cg24702766	FOXK2		0.803466		0.616875	1.31468	1.31468	0.656229	1.17309	1.27508	0.599411	1.33308	1.33308	0.66073	1.26491	1.26491	0.338113	0.585305	-1.70851		0.545277	0.717453	-1.39382	0.663865	0.788848	-1.26767	0.67639	0.799611	-1.25132	0.239441	1.97868	1.97868	0.551265	2.5688	4.14207	1
cg15244229	SLA2;SLA2		0.803474		0.984491	1.01776	-1.01862	0.926068	0.814714	-1.22814	0.448359	2.08164	2.08164	0.770506	1.32007	1.32007	0.635637	1.07318	1.07318		0.515744	1.86918	1.86918	0.976097	1.0281	1.0281	0.531002	0.547475	-1.82657	0.9045	0.802309	-1.12609	0.551254	1.78683	12.6871	1
cg00934057	BCAP31;BCAP31;BCAP31;BCAP31		0.803495		0.875444	0.921377	-1.08533	0.30556	0.574752	-1.73988	0.413586	0.646405	-1.54702	0.255593	0.538183	-1.85811	0.917297	1.05572	1.05572		0.254742	0.537533	-1.86035	0.606721	1.31135	1.31135	0.956156	1.02912	1.02912	0.62823	0.775136	-1.2901	0.551224	2.13904	3.83638	1
cg17759093	NAP9		0.803512		0.39327	0.85336	-1.17139	0.500549	0.947205	-1.05574	0.421986	0.856534	-1.16693	0.541393	0.599162	1.09941	1.09941	0.675133	0.82023	-1.21929	0.723	0.253203	1.23767	1.23767	0.574521	0.901612	-1.10667	0.864865	1.1418	1.1418	0.825286	0.961265	-1.0403	0.551188	0.278716	0.449479	1
cg17448192	ST6GAL1;ST6GAL1		0.803533		0.90947	1.04805	-1.05396	0.369962	0.651073	-1.53593	0.547392	0.754802	-1.32485	0.254694	0.625849	1.60248	0.485587	2.97754	2.97754		0.552338	1.32016	1.32016	0.65241	1.42257	1.42257	0.661548	0.901584	-1.10916	0.965304	1.01028	1.01028	0.551412	0.483032	0.378659	1
cg09746791	CTBS1		0.803537		0.972324	1.01989	1.01989	0.810274	0.845517	1.18276	1.18976	0.206555	1.28241	1.28241	0.817093	1.0101	1.0101	0.01218	0.990433	-1.00889	0.728286	1.28241	1.28241	0.14424	1.15085	1.15085	0.304147	0.409793	1
cg04320928	TEX9		0.803774		0.914141	1.03546	1.03546	0.187134	0.57107	1.57107	0.279237	1.43834	1.43834	0.966761	1.01356	1.01356	0.996147	1.00156	1.00156		0.783789	1.09294	1.09294	0.924303	1.03118	1.03118	0.392323	1.32731	1.32731	0.228032	1.50505	1.50505	0.550828	0.910773	1.46974	1
cg18055125	C10orf41;C10orf41		0.803782		0.835522	1.03506	1.03506	0.327337	1.10131	1.10131	0.763681	0.951352	-1.05114	0.274938	0.852098	-1.17331	0.221198	0.940325	-1.06357	0.210277	0.914822	1.09306	1.09306	0.611894	0.907513	-1.10231	0.550828	0.249913	0.491955	-2.03277	0.551435	0.550828	0.874101	1.40753	1
cg21183455	C22orf34		0.803792		0.675342	0.862737	-1.1591	0.748437	1.11939	1.11939	0.970079	1.01323	1.01323	0.828483	1.31888	1.31888	0.677521	1.10687	1.10687		0.533351	1.24749	1.24749	0.114602	1.82484	1.82484	0.388437	1.36319	1.36319	0.893658	1.954219	1.04798	0.550802	1.07178	1.72965	1
cg20288129	SEMA5B		0.803803		0.453179	0.889662	-1.12402	0.996125	1.00074	1.00074	0.899926	0.980927	-1.01944	0.614477	0.925204	-1.08084	0.265377	1.19442	1.19442		0.464173	0.892225	-1.12079	0.82152	1.03499	1.03499	0.573365	1.091	1.091	0.310955	1.17405	1.17405	0.550787	0.204376	0.329833	1
cg25918716	ZSWIM5		0.803872		0.838527	1.03506	1.03506	0.848267	1.13227	1.13227	0.109131	0.676683	-1.47805	0.251362	0.614204	-1.62698	0.274154	0.530101	-1.88595	0.210202	0.513653	1.13425	1.13425	0.885741	1.02907	1.02907	0.452605	0.85854	1.16477	0.576386	0.88767	1.16477	0.576386	0.88767	0.874101	1.40753	1
cg20260559	BCL7A;BCL7A		0.803882		0.280653	1.48778	1.47878	0.305544	1.44792	1.44792	0.959916	1.01947	1.01947	0.423374	1.33011	1.33011	0.713719	0.879373	-1.13717		0.554156	1.23214	1.23214	0.440184	1.34106	1.34106	0.86887	0.943987	-1.05934	0.488081	0.78212	-1.27858	0.551652	1.06152	1.7134	1
cg07180603	SMG7;SMG7;SMG7		0.803902		0.361636	0.776939	-1.28736	0.187	0.638225	1.56458	0.53653	1.14653	1.14653	0.69514	0.95653	-1.04516	0.708583	1.03069	-1.03069		0.870406	1.04859	1.04859	0.814007	0.903932	-1.10713	0.487787	0.809882	-1.23475	0.551074	0.781	1.25976	1.8351	1
cg04932804	IFT140;CRAMP1L		0.803871		0.315663	0.808324	-1.23713	0.993536	1.00166	1.00166	0.181865	0.747776	-1.3373	0.932131	1.01762	1.01762	0.488653	0.865642	-1.15521		0.992673	0.998118	-1.00189	0.636601	0.907001	-1.10253	0.208604	0.761944	-1.31243	0.882337	0.97008	-1.03084	0.550689	0.366904	0.592234	1
cg05326902	TUI3;NBL1;TUI3;TUI3		0.803871		0.14798	0.609504	-1.64094	0.094434	0.959538	-1.0045	0.903493	1.14459	1.14459	0.944792	0.984172	-1.01658	0.606744	1.121	1.121		0.603584	2.00632	2.00632	?	0.93409	-1.07053	0.774484	0.932403	-1.07253	0.774484	0.932403	-1.07253	0.550584	0.189072	0.340601	31.5469	58.393	1
cg12804010	SYT6		0.803905		0.42405	0.72426	-1.37983	0.154233	0.744911	-1.34291	0.466161	1.04091	1.04091	0.86666	1.01568	-1.01568	0.886483	0.744544	0.744544	0.934902	1.06963	1.06963	0.407705	0.689311	0.689311	0.844599	1.84581	1.84581	0.550673	0.4507	1.18427	1
cg00268685	CHST14		0.803888		0.890138	1.03616	1.03616	0.35916	1.27419	1.27419	0.887396	0.964243	-1.03708	0.488473	1.19826	1.19826	0.900526	0.968373	-1.03266		0.14571	1.49398	1.49398	0.249259	1.36272	1.36272	0.859348	1.04664	1.04664	0.774821	1.0765	1.0765	0.550665	0.57603	0.929834	1
cg18392644	GABRD		0.803896		0.723261	1.08144	1.08144	0.270008	1.74018	1.74018	0.145638	0.428766	2.6724	2.6724	0.888782	1.26388	-3.83244	0.561832	0.592382		0.284397	1.71408	1.71408	0.167753	1.59002	1.59002	0.668855	0.592382	1.68821	1.68821	0.550652	1.23952	2.29228	1
cg02509985	ZNF143		0.803899		0.253682	0.848641	-1.17835	0.752003	0.957292	-1.04661	0.662557	0.941336	-1.06232	0.933201	1.01161	1.01161	0.474557	1.10531	1.10531		0.484647	1.10271	1.10271	0.858174	1.02493	1.02493	0.348749	0.875629	-1.14204	0.410818	0.890661	-1.12276	0.55065	0.165311	0.266855	1
cg27540845	SOCS1		0.803956		0.989658	1.00337	1.00337	0.75545	1.0447	1.0447	0.118447	0.111225	1.56642	1.56642	0.838026	1.05456	1.05456	0.626241	1.11259	1.11259		0.448303	1.12268	1.12268	0.48421	0.831515	-1.20262	0.736694	0.916142	-1.09153	0.801728	1.06248	1.06248	0.550568	0.587359	0.948287	1
cg17087759	ANKZF1;ANKZF1;ATG9A;ATG9A		0.803976		0.436952	0.833318	-1.57898	0.926181	0.948022	-1.05483	0.441239	0.525286	1.90264	1.90264	0.846868	1.18082	-1.18082	0.588908	0.701523	-1.36926		0.227093	0.482457	2.07272	?	?	?	0.753409	1.19538	1.19538	0.551304	2.08961	4.67065	1
cg12435359	BTBD1;BTBD1		0.803979		0.703166	0.866107	-1.15459	0.349572	1.14354	1.14354	0.497815	1.24888	1.24888	0.794606	1.10292	1.10292	0.985782	0.993332	-1.00671		0.681348	1.16768	1.16768	0.176334	1.58297	-1.71554	0.673536	1.17246	1.17246	0.606017	1.25173	1.25173	0.550255	1.2292	1.98466	1
cg04048705	CTNNA2;CTNNA2		0.803989		0.755587	0.902284	-1.10777	0.845057	0.806782	1.23948	0.467488	0.724531	1.37714	1.37714	0.85005	0.924718	-1.08142	0.995502	0.997719	-1.00229	0.431312	0.784004	1.27506	1.27506	0.889755	1.11535	1.11535	0.554166	1.28074	1.28074	0.551022	1.28074	1.28074	0.551022	1.28074	1.28074	0.551022

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1047 vs. 1054)	Fold-Change(1054 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1137 vs. N)	Fold-Change(1137 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 1127)	Fold-Change(1217 vs. 1127)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1533 vs. N)	Fold-Change(1533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg14776201	SOX11;SOX11		0.8524185	0.9744442	-1.02623	0.4184625	0.11594	1.145944	0.1145	1.145041	0.907711	1.010623	0.1180202	0.780202	0.961915	1.03959			0.842343	1.02803	0.208473	0.924013	0.830488	1.020411	0.330238	0.808833	-1.14965	0.8475511	0.97364	-1.02707	0.549175	0.167567	0.271223	1
cg06421755	TM05F4		0.804937	0.990772	1.00228	0.768541	0.15975	1.059775	0.511175	1.14002	0.524819	0.880975	-1.13511	0.276893	1.24905	1.24905			0.360763	1.20292	1.202922	0.439911	0.856506	-1.16753	0.636993	1.098	1.098	0.413584	1.17864	0.179473	0.336333	0.544387	1
cg21573601	PTEN;KILLIN;KILLIN		0.80494	0.62048	0.87687	-1.14042	2.232722	1.39015	1.39015	0.858593	0.95414	-1.04806	0.817354	1.06279	1.06279	0.528417	0.845242	-1.18309			0.51855	0.841739	-1.18002	0.728025	0.912196	-1.09626	0.588481	1.15465	1.15465	0.320907	1.30992	1.30992	0.549168	0.602694	0.975526	1
cg20515900	FCGR5		0.788831	0.9014451	-1.10932	0.6605217	0.871936	-1.14457	0.505728	0.811087	-1.23291	0.571569	1.19395	1.19395	1.172832	1.56803	1.56803			0.35757	1.34084	1.34084	0.894415	0.959663	-1.04201	0.726911	0.890985	-1.11485	0.9618443	0.985275	-1.01494	0.549158	0.836208	1.35352	1
cg17400036	HSPG2		0.804948	0.737741	0.726585	-1.3763	0.130738	4.71615	4.715615	0.591662	1.67307	0.167307	0.545613	1.78838	1.78838	0.471098	0.498187	-2.00728			0.99132	0.989714	-1.01039	0.919787	0.908705	-1.10047	0.576081	1.71064	1.71064	0.791727	0.777606	1.286	0.595157	0.785644	12.7168	1
cg15453997	PPP1R8;PPP1R8;SCARNA1;PPP1R8		0.440878	1.15922	1.15922	0.392945	1.17882	1.17882	0.19842	0.774527	-1.29111	0.7494	1.0621	1.0621	0.637104	0.954404	-1.09344			0.555576	1.1186	1.1186	0.847854	1.03677	1.03677	0.577275	1.11165	1.11165	0.76558	1.05782	1.05782	0.549151	0.307357	0.497506	1
cg07221103	VAC14 2A;ADACA;TADA2A;ADACA;TADA2A		0.804954	0.970508	1.01097	1.01097	0.342754	0.749403	-1.3344	0.179547	1.52308	1.52308	0.863193	1.05222	1.05222	0.733231	0.903961	-1.10624			0.309304	1.36414	1.36414	0.991705	0.996937	-1.00307	0.860692	1.05321	1.05321	0.90184	0.964238	-1.03709	0.549148	0.757576	1.22626	1
cg11978823	2A		0.80496	0.727722	1.22766	0.520634	0.682426	-1.46536	0.695152	1.26	1.26	0.553659	0.70357	-1.42132	0.952727	0.965808	-1.0354			0.702186	0.798157	-1.25289	0.343299	1.7734	1.7734	0.253842	2.01226	2.01226	0.368909	1.71681	1.71681	0.549139	2.99404	4.84789	1
cg24098252	GPR133		0.804963	0.38043	1.49709	1.49709	0.654648	1.22377	1.22377	0.172123	0.521073	-1.91912	0.805797	1.11681	1.11681	0.89822	1.05907	1.05907			0.514531	1.34507	1.34507	0.575828	0.776061	-1.28856	0.733829	0.858061	-1.16542	0.741868	0.862217	-1.1598	0.549136	1.74953	2.83197	1
cg12077825	DDX27		0.451146	0.910216	-1.09853	0.5384	1.3395	1.3395	-1.10027	0.512347	1.37049	1.37049	1.37049	1.37049	0.875705	1.3287	1.3287	1.3287			0.646489	1.33492	1.33492	0.667063	1.3109	1.3109	0.094051	1.56252	1.56252	0.312254	1.16252	1.16252	0.549118	3.782445	6.132287	1
cg05930124	PRAPGC9;TRAPPC9		0.804986	0.565856	0.681233	-1.46793	0.647597	0.737586	-1.35577	0.979333	0.983014	-1.01728	0.385651	0.555328	-1.80074	0.319622	0.506527	-1.97423			0.819824	1.16286	1.16286	0.373066	0.546206	-1.83081	0.435021	1.69342	1.69342	0.307501	0.497269	-2.01098	0.549103	3.803177	6.157555	1
cg04749353	TM4SA20		0.805007	0.352774	0.647381	-1.55093	0.68649	1.20427	1.20427	0.850638	1.17559	0.634488	1.53665	1.53665	0.781926	0.864748	1.53665	1.53665			0.482867	0.720857	-1.38724	0.932231	0.961716	-1.03981	0.756217	1.15344	1.15344	0.507983	1.36102	1.36102	0.549074	1.81181	2.99055	1
cg18505495	FBXL15;PSD		0.81928	1.09342	1.09342	0.187047	1.72598	1.72598	0.191773	1.74484	1.73484	0.780686	1.11509	1.11509	0.395749	1.46457	1.10415			0.68641	1.17164	1.17164	0.419304	1.37997	1.37997	0.917826	1.10411	1.10411	0.367048	1.43569	1.43569	0.549056	1.32454	2.14435	1
cg16665614	RORA		0.805027	0.876835	1.05666	1.05666	0.310008	0.700164	-1.42824	0.647768	0.781813	-1.30186	0.32457	0.696612	-1.43552	0.200515	0.618469	-1.61689			0.790903	0.909888	-1.09904	0.882988	1.05373	1.05373	0.617698	0.836255	-1.19581	0.591002	1.21262	1.21262	0.549045	1.09817	1.7779	1
cg01025842	TRADD;FBXL8		0.805033	0.326466	0.791009	-1.26423	0.318925	2.02102	2.02102	0.234571	0.749534	-1.33416	0.618726	0.890357	-1.12309	0.155532	0.70078	-1.4268			0.462433	0.846105	-1.18197	0.727914	0.922364	-1.08417	0.870081	0.964513	-1.03679	0.874843	0.964752	-1.03654	0.549043	0.735743		1
cg00112723	ATG9A;ANKZF1;ANKZF1;ANKZF1;ATG9A		0.805036	0.158944	3.59457	3.59457	0.393805	2.0901	2.0901	0.70267	1.38101	1.38101	0.430178	1.97373	1.97373	0.955828	1.04769	1.04769			0.367373	2.18591	2.18591	0.401048	2.06584	2.06584	0.569733	1.62353	1.62353	0.291594	2.52351	2.52351	0.54499	5.97774	8.53107	1
cg11243175	SOX5;SOX5		0.80504	0.978094	1.00594	1.00594	0.75977	1.06889	1.06889	0.863325	0.963541	-1.03784	0.339556	1.23846	1.23846	0.24908	0.767518	1.3029			0.227712	0.761134	-1.31383	0.883832	0.968976	-1.03202	0.949763	0.98651	-1.01367	0.713885	0.923692	-1.08261	0.549027	0.404024	0.654125	1
cg22946562	MYT1L		0.805042	0.878336	0.911092	-1.09758	0.339798	0.549911	-1.81848	0.65544	1.31389	1.31389	0.416306	1.65694	1.65694	0.805977	0.861068	-1.16135			0.512629	1.49725	1.49725	0.246237	2.08083	2.08083	0.421113	1.64799	1.64799	0.715099	1.24961	1.24961	0.549023	3.21262	5.20135	1
cg03113164	IQSEC1;IQSEC1		0.805044	0.971673	1.02907	1.02907	0.784196	1.03027	-1.03027	0.617249	1.37049	1.37049	1.37049	1.37049	0.875705	1.3287	1.3287	1.3287			0.646489	1.33492	1.33492	0.667063	1.3109	1.3109	0.094051	1.56252	1.56252	0.312254	1.16252	1.16252	0.549018	3.782445	6.132287	1
cg03058371	GPAR1;GPAR1		0.805062	0.857304	1.06288	1.06288	0.287668	1.45356	1.45356	0.941518	0.975448	-1.02537	0.454004	1.29487	1.29487	0.930743	1.02989	1.02989			0.821739	1.54517	1.54517	0.24574	1.50881	1.50881	0.967372	1.01395	1.01395	0.675816	0.867197	-1.15314	0.548994	0.998067	1.61599	1
cg18866357	CLCNKB;CLCNKB		0.805064	0.702335	1.05462	1.04118	0.703384	0.850638	-1.17559	0.643894	1.17689	1.17689	1.04294	1.17689	0.757331	1.13043	0.850784	1.17689	0.718955	1.40468	0.552262	0.807629	-1.23819	0.834292	1.00729	1.00829	0.189128	1.63933	1.63933	0.548992	1.09772	1.19725	1
cg15225091	SLC18A2		0.805081	0.401473	0.703139	-1.42219	0.304931	1.54609	1.54609	0.882609	0.941198	-1.06248	0.937901	0.968549	-1.03247	0.31996	0.65606	1.52425			0.299289	0.643257	-1.55459	0.642184	0.825374	-1.21157	0.895067	1.05561	1.05561	0.762095	1.13261	1.13261	0.548968	1.46255	2.36816	1
cg27404949	C5orf47;C5orf47		0.805087	0.727439	0.921592	-1.08508	0.859859	1.0421	1.0421	0.868914	0.996763	-1.00325	0.374349	0.808327	-1.23712	0.798741	0.942119	-1.06144			0.62609	0.891736	-1.12141	0.314269	0.768039	-1.27488	0.770378	0.913982	-1.07068	0.193083	1.37908	1.37908	0.548896	0.473451	0.766623	1
cg25436152	ABR;ABR;ABR		0.805132	0.41988	2.02249	1.43209	0.186923	1.33204	1.33204	0.621916	1.53501	1.53501	1.53501	1.53501	0.728033	1.73334	1.73334	1.73334			0.564843	1.64987	1.64987	0.329555	1.77909	1.77909	0.328074	1.34339	1.34339	0.548895	0.61524	0.614212	0.548894	0.744384	1.07343	1
cg25506915	EIF3G		0.805146	0.8069	0.886664	-1.12782	0.985917	0.991368	-1.00871	0.275831	0.573025	-1.74513	0.810109	0.88848	-1.12552	0.918113	1.05181	1.05181			0.783601	1.14479	1.14479	0.427167	1.48919	1.48919	0.655731	1.24658	1.24658	0.189079	0.504897	-1.9806	0.548875	2.09741	3.39669	1
cg05882315	MIR372;MIR371;MIR373		0.805182	0.446231	0.78802	-1.27023	0.631235	0.856892	-1.16701	0.950764	0.883346	-1.13206	0.865516	0.947613	-1.05759	0.944201	0.973926	-1.0528			0.202272	0.608701	-1.64314	0.837573	1.10431	1.10431	0.147727	1.40498	1.40498	0.117157	1.12208	1.12208	0.548824	0.835883	1.15382	1
cg26373351	ETV6		0.805183	0.36308	0.427245	-2.11531	0.836131	1.180558	1.180558	0.827264	0.839235	-1.19143	0.634902	0.673738	-1.48426	0.446574	0.8623	1.8623			0.610807	1.50888	1.50888	0.455841	0.467102	-2.14086	0.505357	1.71894	1.71894	0.370666	1.478644	1.208923	0.548822	0.58382	0.904372	1
cg04665647	GOLGA3		0.80519	0.889253	0.947048	-1.05591	0.2430334	0.620619	-1.61129	0.577942	1.24543	1.24543	0.990201	0.995128	-1.0049	0.587176	0.807298	-1.2387			0.758897	0.88673	-1.12774	0.449087	0.739924	-1.35149	0.444799	1.3555	1.3555	0.387556	1.413116	1.413116	0.548812	1.32534	2.14659	1
cg26423677	SMCG;GEN1;GEN1;GEN1;SMC6		0.805205	?	?	?	0.841347	1.07568	1.07568	1.07568	1.07568	1.07568	1.07568	?	?	?	1.38094	1.38094			0.823861	1.24134	1.24134	0.214814	1.22805	1.22805	0.571553	1.08357	-1.72308	0.802935	0.788231	1.266866	0.548721	4.61042	12.7327	1
cg07539983	SPARC FAM122B;FAM122C;FAM122B;FAM122C; B;FAM122B;FAM122B;FAM122B;FAM1		0.805222	0.754119	0.881217	-1.13479	0.731469	0.861911	-1.16021	0.912698	0.956822	-1.04513	0.640702	0.710904	-1.40666	0.839894	0.921815	-1.08482			0.445991	1.36704	1.36704	0.148752	1.89992	1.89992	0.887555	0.944651	-1.05859	0.932267	0.966367	-1.0348	0.548767	1.40771	2.2802	1
cg14330499	22B;FAM122B		0.805224	0.909711	0.876862	-1.14043	0.131295	0.151504	-6.60047	0.844076	0.796045	-1.25621	0.460713	2.38676	2.38676	0.811393	1.31925	1.31925			0.581338	1.90626	1.90626	0.516642	2.14186	2.14186	0.723614	1.50876	1.50876	0.928371	1.10896	1.10896	0.548764	11.6616	18.8894	1
cg18597188	XRCC3;XRCC3;XRCC3		0.805237	0.539934	0.678024	-1.47487	0.629975	0.741246	-1.34908	0.189994	2.35418	2.35418	0.451297	1.60543	1.60543	0.095486	1.0027	1.0027			0.504486	1.682351	-1.46552	0.527768	0.673962	-1.48376	0.752545	0.822485	-1.21583	0.714299	1.25457	1.25457	0.548745	1.30657	1.53618	1
cg11132120	NCOR2;NCOR2 SORBS2;SORBS2;SORBS2;SORBS2;SORB		0.805242	0.396544	0.68126	-1.46787	0.303129	1.60246	1.60246	0.643935	1.22846	1.22846	0.814244	0.901181	-1.10965	0.26727	0.599939	-1.66683			0.648601	0.816417	-1.22486	0.759538	1.14537	1.14537	0.749565	1.1521	1.1521	0.607031	1.25778	1.25778	0.548738	1.69853	2.75141	1
cg16503006	S2;SORBS2;SORBS2;SORBS2		0.805278	0.791934	1.03063	1.03063	0.785029	0.903052	-1.10736	0.634766	1.19539	1.19539	0.892158	1.05836	1.05836	0.863681	1.16346	1.16346			0.208909	0.610168	-1.63889	0.292858	1.50229	1.50229	0.879017	0.944774	-1.05845	0.430489	0.740914	-1.34968	0.548688	1.20877	1.95824	1
cg26389381	SCEL;SCEL;SCEL		0.805284	0.803716	1.07508	1.07508	0.809381	1.07278	1.07278	0.899263	0.96385	-1.03751	0.690527	0.890168	-1.12338	0.372261	0.766199	-1.30514			0.854262	1.05491	1.05491	0.166626	1.5353	1.5353	0.392644	0.775234	-1.28993	0.785074	0.923605	-1.08271	0.548678	0.734447	1.18984	1
cg26695794	FZD3		0.805353	0.4133344	0.742089	-1.34754	0.859539	0.770702	-1.29721	0.586221	0.854579	-1.17018	0.462278	1.75439	1.75439	0.30188	0.792972	-1.26157			0.353295	1.40584	1.40584	0.147727	1.74011	1.74011	0.912607	1.03116	1.03116	0.870311	1.05402	1.05402	0.548656	1.10537	1.79083	1
cg08580874	REXO1;REXO1		0.805361	0.409978	0.35171	0.513557	0.747052	-1.35859	0.931125	1.03878	1.03878	0.778437	1.13219	1.13219	0.239701	1.71926	1.71926			0.999978	1.00001	1.00001	0.454915	1.39796	1.39796	0.191394	1.83323	1.83323	0.941145	1.03303	1.03303	0.548634	1.58343	2.72744	1
cg22709780	UPF1		0.805365	0.226706	0.482769	2.07183	0.124407	1.83427	1.83427	0.961265	0.841828	-1.45303	0.665723	0.703628	-1.42177	0.202369	0.642722	-1.55603			0.541399	1.84705	1.84705	0.140884	1.96666	1.96666	0.882391	1.04484	-1.04484	0.737605	1.74018	1.74018	0.548627	1.09842	1.64275	1
cg05769161	B4GALNT3		0.80532	0.603301	0.772824	-1.29396	0.800441	0.882935	-1.13259	0.273463	1.75103	1.75103	?	?	?	?	0.473376	1.43112	1.43112		?	?	?	0.478053	0.70149	-1.42554	0.648613	1.25297	1.25297	0.721628	0.838742	-1.19226	0.509347	1.516	3.40154	1
cg25274503	CAV2;CAV2		0.805393	0.145847	0.558171	-1.7916	0.624377	0.811594	-1.23047	0.411774	1.11774	1.11774	0.888671	0.718987	-1.39085	0.657889	0.84578	-1.18234			0.202272	0.608701	-1.64314	0.837573	1.10431	1.10431	0.147727	1.40498	1.40498	0.117157	1.12208	1.12208	0.548584	0.835883	1.15382	1
cg06069265	H3F3B;H3F3B		0.805338	0.192683	0.45451	2.19745	0.636214	0.499467	2.00213	0.870353	0.875983	-1.19143	0.634902	0.673738	-1.48426	0.446574	0.8623	1.8623			0.307744	0.65663	1.45663	0.892431	0.743805	1.34439	0.548895	0.65124	1.53555	0.792549	0.684611	-1.46068	0.548602	18.4449	29.8859	1
cg17212008	CSNK1D;CSNK1D		0.805361	0.369214	1.71996	1.71996	0.384413	1.68949	1.68949	0.280652	1.93368	1.93368	0.576995	1.39285	1.39285	0.281206	1.9321	1.9321			0.246691	2.03873	2.03873	0.360551	1.738	1.738	0.996309	1.00272	1.00272	0.862553	1.10727	1.10727	0.548569	3.00425	4.86802	1
cg08373190	ATG9B		0.805379	0.7841087	1.08503	1.08503	0.790205	0.992201	-1.00786	0.628085	0.810585	-1.13501	0.453896	0.802459	-1.23562	0.482417	0.810951	-1.23344			0.814765	0.940939	-1.06277	0.538495	1.08857	-1.08857	0.648511	0.889288	1.12437	0.884549	1.44141	1.44141	0.548543	0.584543	0.947225	1
cg08189171	PLEKHG6;PLEKHG6		0.805381	0.235802	0.40878	0.40878	0.155172	0.84066	-1.84066	0.571715	2.05933	2.05933	0.658725	1.75392	1.75392	0.923945	0.886299	-1.12829			0.898314	1.1754	1.1754	0.452669	2.63023	2.63023	0.813716	1.34767	1.34767	0.331361	1.5497	1.5497	0.548541	1.33812	22.494	1
cg12286307	EXOC4;EXOC4		0.805391	0.502726	5.33781	5.33781	0.286394	0.606885	-16.42335	?	?	?	?	0.802572	1.83727	1.83727	0.538213	4.62242	4.62242		0.990184	0.976037	-1.02505	?	?	?	0.686204	0.971501	-2.66178	0.749843	0.920398	1.02094	35.9724	1
cg18719102	YEATS4		0.805405	0.546129	1.35996	1.35996	0.360949	1.60432	1.60432	0.551931	1.3538	1.3538	0.424483	0.663286	-1.50765	0.629218	1.27766	1.27766			0.357332	0.620968	-1.61039	0.477448	0.695192	-1.43845	0.639098	1.26838	1.26838	0.816114	1.1244	1.1244	0.548507	2.00886	3.53663	1
cg22379472	TNS3		0.805413	0.657715	0.731766	-1.36656	0.50386	0.621847	-1.60811	0.764841	0.813239	-1.22965	0.865258	0.887859	-1.1263	0.923651	0.408449	-2.44828			0.628488	0.710726	-1.40701	0.685617	1.32979	1.32979	0.15202	0.3414	-2.92911	0.484677	0.608151	-1.64433	0.548495	4.26085	6.90512	1
cg18834635	LOC100133612;C1orf174		0.805426	0.895741	1.08455	1.08455	0.762214	0.876187	-1.14181	0.642894	1.25385	1.25385	1.25385	1.25385	0.656703	1.32276	1.32276	1.32276			0.404663	1.34248	1.34248	0.353434	1.88826	1.88826	0.702317	1.11817	1.11817	0.546477	1.20317	1.20317	0.548493	1.02893	1.03883	1
cg24849846	CYP26A1;CYP26A1		0.80543	0.561082	0.874282	-1.1438	0.398785	0.820793	-1.21833	0.585257	1.13425	1.13425	0.59951	0.88592	-1.12877	0.845986	1.04546	1.04546			0.248188	1.3178	1.3178	0.357879	1.24128	1.24128	0.728258	0.923359	-1.083	0.912146	1.02555	1.02555	0.54847	0.453953	0.735707	1
cg14632899	CHRM1		0.805442	0.704474	1.196	1.196	0.445057	1.44147	1.44147	0.418316	1.47471	1.47471	0.78078	1.14002	1.14002	0.622828	1.36222	1.36222			0.610781	1.17264	1.17264	0.080479	1.84938	1.84938	0.422437	1.21935	1.21935	0.531466	1.3468	1.3468	0.548453	1.91636	3.10588	1
cg00330094	VWA5B2		0.805468	0.562736	1.39528	1.39528	0.770678	1.18101	1.18101	0.228238	0.65417	-1.52863	0.447695	0.410067	-2.43819	0.282641	0.392458	-2.54933			0.410867	1.61394	1.61394	0.180242	1.83124	1.83124	0.773475	0.878968	1.01965	0.916917	-1.09061	0.548416	2.81045	4.56141	1
cg24201716	C10orf118;MIR2110;C10orf118		0.80547	0.981871	1.00677	1.00677	0.550779	1.19624	1.19624	0.573982	1.18368	1.18368	0.561713	1.19027	1.19027	0.228514	1.45526	1.45526			0.535473	1.20477	1.20477	0.981557	1.00689	1.00689	0.338768	0.746234	-1.34006	0.349758	1.33074	1.33074	0.548413	0.765426	1.24063	1
cg06599516	CDY2		0.805477	0.4772872	1.35761	1.35761	0.407353	1.12437	1.12437	0.283916	0.49795	0.49795	0.945273	0.796742	-1.25613	0.966488	0.944101	-1.05923			0.202405	0.66667	-1.49999	0.370216	0.703664	-1.40714	0.778056	1.11058	1.11058	0.798547	0.909435	-1.09963	0.548413	1.01637	1.93961	1
cg21551292	SRP19		0.80552	0.296532	0.764614	-1.30785	0.985293	0.99544	-1.00458	0.823387	1.05699	1.05699	0.545674	1.16374	1.16374	0.865033	1.04309	1.04309			0.381503	1.24928	1.24928	0.344227	0.785463	-1.27313	0.972778	1.0085	1.0085	0.367931	0.795072	-1.25775	0.548342	0.533973	0.865597	1
cg00551679	FDXR1		0.80554	0.785216	1.15796	1.15796	0.827783	0.876706	-1.14089	0.620007	1.70341	1.70341	0.880333	1.34431	1.34431	0.571923	1.53327	1.94808			0.768332	0.708325	-1.41178	0.993106	0.992089	-1.0078	0.914158	0.86104	1.16128	0.838896	1.26816	1.26816	0.548334	1.41368	2.1836	1
cg21146271	GRIA1;GRIA1		0.805566	0.209853	1.93437	1.93437	0.817036	0.890743	-1.12266	0.333191	0.607533	-1.646	0.639407	1.26566	1.26566	0.524384	1.37999	1.37999			0.82257	1.11866	1.11866	0.982749	1.01085	1.01085	0.413714	0.658909	-1.51766	0.889673	1.07175	1.07175	0.548277	2.16432	3.50889	1
cg00539900	ANGPTL6		0.805592	0.513875	0.98341	1.98341	0.554113	1.85715	1.85715	0.387996	2.49739	2.49739	0.532931	1.92186	1.92186	0.90347	1.13372	1.13372			?	?	?	1.74202	0.36347	2.52048	2.52048	0.698355	0.668417	-1.49607	0.181357	4.33964	4.33964	0.530642	7.99365	15.0641	1
cg24209920	NFIX		0.805602	0.862297	1.03553	1.03553	0.644223	1.17319	1.17319	0.329687	1.47476	1.47476	1.18476	1.47476	0.657703	1.63443	1.47476	1.47476	0.693794	1.63443	0.629154	-1.58944	0.822911	1.14202	1.14202	0.361034	0.573338	1.64053	1.64053	0.548307	0.740249	0.94119	1
cg15137643	OZZ4		0.805608	0.66937	0.861898	-1.16023	0.207355	0.631267	-1.58412	0.662101	0.858865	-1.16433	0.935531	1.02839	1.02839	0.835122	1.07477	1.07477			0.466431	1.29229	1.29229	0.260511	1.50087	1.50087	0.905232	0.959631	-1.04207	0.840634	0.932712	-1.07214	0.548217	1.03934	1.6852	1
cg25960567	ITPR2		0.805624	0.345037	0.648388	0.92639	0.454523	1.575099	1.788813	0.252488	2.435837	2.435837	0.785098	0.781441	1.14002	0.622828	1.36222	1.36222			0.609097	0.686075	-1.45727	0.435299	0.824938	1.21214	0.825702	1.02904	-1.02904	0.748195	0.873932	1.08161	1.13487	0.793822	0.826792	-1.20945	0.548195	0.47949	0.742996	1
cg08090909	RPRD2		0.805637	0.713483	0.80512	1.08512	0.788763	0.942252	-1.06129	0.872015	1.03636	1.03636	0.533781	1.14981	1.14981	0.520861	1.15502	1.15502			0.609985	0.892296	-1.1207	0.996359	1.00101	1.00101	0.172049	1.3799	1.3799	0.241286	1.31221	1.31221	0.548176	0.426	0.690776	1
cg21787280	SNW1;C14orf178		0.805644	0.754139	1.12697	1.12697	0.491288	1.3047	1.3047	0.422403	1.36586	1.36586	0.854164	1.07251	1.07251	0.585014	1.23343	1.23343			0.189812	0.589573	-1.69614	0.899868	1.04906	1.04906	0.699766	1.15885	1.15885	0.473554	0.757802	-1.3196	0.548165	1.2567	2.03783	1
cg03312427	C1orf95		0.805645	0.128456	0.498465	-2.00616	0.648292	0.823179	-1.2148	0.742

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1577 vs. N)	Fold-Change(1 vs.1577)	p-value(5637 vs. N)	Fold-Change(5 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg01409735	HDAC11;HDAC11		0.806351		0.152709		0.730775		0.786172		0.652385		0.856185		0.779729		0.938017		0.31664		0.779729		0.938017		-1.02331		0.437614	
cg17650050	HIRA;MRPL40		0.806366		0.651485		1.22116		0.265802		1.66447		0.164546		0.195483		1.95483		0.709922		1.17842		1.17842		0.707504		0.832135		1.20173		0.744717		1.15438		0.154138		-1.19827		0.547119		0.452206		0.734634	
cg18255335	HLA-H		0.806382		0.887097		0.929116		-1.07629		0.990295		1.00631		1.00631		0.658174		0.794186		-1.25935		0.580718		1.33472		1.33472		0.511449		0.708469		-1.41149		0.720216		1.20458		1.20458		0.454453		1.48338		1.48338		0.26033		0.546647		-1.83605		0.309295		1.7238		1.7238		0.547115		2.32082		3.77059	
cg17985570	SEC63		0.806382		0.162153		0.678687		-1.47343		0.865993		0.957089		-1.04648		0.899568		-1.03466		0.919259		0.974014		-1.02668		0.735139		0.915601		-1.09218		0.308987		0.97074		-1.03014		0.704114		0.584316		0.940329	
cg21638533	FFO1;IFFO1;IFFO1		0.80639		0.754271		1.23767		1.23767		0.594069		1.44093		1.44093		0.380171		1.84283		1.84283		0.801847		0.843026		-1.1862		0.498245		1.60177		1.60177		0.239078		1.23978		1.23978		0.329116		0.537048		0.581875		-1.71858		0.547103		3.99564		6.4918	
cg20405384	TCF23		0.806392		0.56066		0.762669		-1.31119		0.232093		0.955954		-1.04608		0.867299		1.08005		1.08005		0.861255		1.08389		1.08389		0.273498		0.591666		1.08389		1.08389		0.273498		0.591666		0.682444		0.852391		0.932218		-1.07317		0.931021		0.532211		-1.87895		0.862391		0.923218		-1.08317		0.547101		1.83738		2.98524	
cg05725452	SDF2L1		0.806395		0.535618		0.787263		-1.27022		0.356564		1.43557		1.43557		0.736608		0.87922		-1.13737		0.74143		1.13457		1.13457		0.829057		1.08594		1.08594		0.18524		1.70864		1.70864		0.66822		0.8484		-1.17869		0.731065		1.1406		1.1406		0.530746		0.784953		-1.27396		0.547097		1.25979		2.04683	
cg02793948	LRP5		0.80644		0.612243		0.95232		-1.53558		0.445673		0.924588		-1.08156		0.568691		0.617475		-1.61974		0.894841		1.11736		1.11736		0.569818		0.617475		-1.61924		0.261083		0.174007		-2.67314		0.876069		0.873756		-1.13992		0.901486		0.40727		-2.45538		0.818681		0.837344		-1.19425		0.547089		6.10277		9.91229	
cg21339473	WRN;PURG;PURG;PURG		0.80643		0.244717		1.1343		1.1343		0.718558		0.798007		-1.26312		0.469728		0.548593		-1.82348		0.554478		1.75403		1.75403		0.263114		0.548593		-1.82348		0.554478		0.763527		0.539755		0.554574		0.67581		-1.47971		0.547071		1.36299		5.46424	
cg10073696	AEBP2;AEBP2		0.806436		0.513372		1.29688		1.29688		0.657907		1.19098		1.19098		0.533938		1.27599		1.27599		0.468719		0.748918		-1.33526		0.170355		1.773		1.773		0.963036		0.981988		-1.01834		0.374746		1.42948		1.42948		0.972457		1.01363		1.01363		0.721881		0.869208		-1.15047		0.547038		1.33264		2.16542	
cg21523531	SLC7A5		0.806439		0.664747		0.795553		-1.25662		0.345673		0.712541		-1.40329		0.711464		0.812864		-1.23084		0.598091		0.816468		-1.22477		0.596068		0.682529		-1.46544		0.757342		-1.32084		0.574968		0.682529		-1.46544		0.757342		-1.32084		0.574968		0.670587		-1.49234		0.641193		0.723134		-1.38287		0.547034		4.13282		6.77153	
cg14045872	VWC2		0.806489		0.920364		1.02152		1.02152		0.62625		0.779821		-1.28235		0.798039		0.94688		-1.0561		0.508147		0.866839		-1.15362		0.435249		0.844124		-1.18466		0.258151		0.777893		-1.28596		0.602889		0.642887		0.794405		-1.25842		0.547077		0.880278		-1.136		0.546962		0.392528		0.637911	
cg09335992	JAKMIP3		0.806503		0.366968		0.629858		-1.61067		0.691736		1.22748		1.22748		0.541276		1.37235		1.37235		0.597999		1.31538		1.31538		0.293702		0.507465		-1.97035		0.577977		0.74962		-1.33402		0.547082		0.929218		1.37279		1.30644		1.30644		0.540942		2.29128		3.72329	
cg17228824	LMBR1		0.806514		0.541942		0.865673		-1.15517		0.377584		0.809339		-1.23558		0.431202		0.828854		-1.20648		0.437682		0.831124		-1.20319		0.135839		0.680915		-1.46578		0.297459		0.776956		-1.28707		0.434471		0.830001		-1.20482		0.737505		0.924415		-1.08176		0.579017		0.877264		-1.13991		0.546927		0.472888		0.768545	
cg04649489	PRKAR1B;HEATR2;PRKAR1B;PRKAR1B		0.806514		0.572085		1.24717		1.24717		0.764816		1.12308		1.12308		0.347747		1.45358		1.45358		0.625824		0.826861		-1.20939		0.385055		1.41134		1.41134		0.378655		0.705081		-1.41796		0.483777		1.31695		1.31695		0.393511		1.40235		1.40235		0.546926		1.29652		2.10716	
cg02138098	PRKCZ;PRKCZ;PRKCZ		0.806518		0.532105		1.29883		1.29883		0.583055		0.783065		-1.27703		0.246158		1.65051		1.65051		0.717411		1.1279		1.1279		0.334412		1.50877		1.50877		0.901336		0.950049		-1.05258		0.533927		1.29813		1.29813		0.59988		1.24444		1.24444		0.251272		1.64085		1.64085		0.546921		1.47851		2.40295	
cg27659848	SDBCI;SDBCI		0.80653		0.525406		0.89202		-1.20679		0.929533		0.974718		-1.02594		0.724702		0.960582		-1.1078		0.417442		0.722486		0.722486		0.512765		0.667448		-1.49824		0.803179		1.07466		1.07466		0.427241		1.26451		1.26451		0.597431		0.906883		-1.03425		0.570593		0.84709		-1.18051		0.546904		0.726032		1.18003	
cg28330590	PLEKHM3		0.806538		0.800115		0.882018		1.13425		0.114477		0.734826		2.34936		0.677381		1.22985		1.22985		0.364844		0.520785		0.950653		1.05203		0.950653		1.05203		0.796798		0.880134		-1.13619		0.674389		1.20824		1.20824		0.109024		0.68893		2.12074		3.44694	
cg09596021	ID3;ID3		0.806538		0.432915		1.80022		1.80022		0.441832		1.77914		1.77914		0.696953		1.33309		1.33309		0.294114		2.22425		2.22425		0.413308		1.84858		1.84858		0.571757		0.65719		-1.52163		0.545721		0.638139		-1.56706		0.622037		1.44056		1.44056		0.579459		0.662835		-1.50867		0.546892		4.67447		7.59764	
cg14312424	MDK;MDK;MDK		0.806547		0.760959		1.30395		1.30395		0.588404		1.24884		1.24884		0.607454		0.90645		-1.1032		0.897696		1.01464		1.01464		0.202594		0.492437		2.03066		4.64242		9.20196		0.999741		1.0087		0.299477		1.31041		1.31041		0.54688		0.547466		0.822408		0.889841	
cg06516769	PCBP4;PCBP4;PCBP4		0.806586		0.633219		0.776593		-1.28768		0.309128		1.73943		1.73943		0.358233		1.64356		1.64356		0.836355		0.896931		-1.11491		0.497342		0.696022		-1.43674		0.581788		1.16005		1.16005		0.279192		0.62618		-1.59748		0.547089		0.825842		2.39536		3.89377	
cg22235823	SPS4		0.806586		0.590805		1.3553		1.3553		0.708318		0.495672		1.95543		0.5911		0.691		1.44631		0.918377		0.5951		1.68041		0.592406		0.545234		1.83452		0.545234		1.83452		0.545234		1.83452

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(221T vs. N)	Fold-Change(221T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg08175271	GRHL1		0.754088	1.208262	0.85822	0.665549	0.923741	-1.08255	0.205155	1.27216	1.27216	0.818842	0.194237	1.04237	0.74775	-1.04583	0.943551	-1.05983	0.700759	1.072021	1.07201	0.665132	0.926475	-1.08158	0.375125	1.17811	1.17811	0.276821	1.2259	0.544904	0.27983	0.456479	1
cg03990905	SCC2/SA7; SCC2/SA7		0.80796	0.390142	0.554065	-1.80484	0.826551	1.86316	-1.15853	0.66042	1.34507	1.34507	0.890359	0.911663	-1.0969	0.932039	0.502766	-1.98899	0.403129	0.56344	-1.77481	0.276068	0.467795	-2.13769	0.237929	0.436508	-2.29091	0.84735	0.878774	-1.13795	0.544865	3.88002	0.32984	1
cg02769905	FAM63B;FAM63B		0.807963	0.668656	0.925195	-1.08085	0.668533	0.925166	-1.08089	0.603324	1.09929	1.09929	0.665876	0.924545	-1.08161	0.538388	1.11907	1.11907	0.80073	1.04673	1.04673	0.23295	0.79783	-1.2534	0.323025	0.831656	-1.20242	0.539454	1.11873	1.11873	0.54486	0.281408	0.459091	1
cg14426312	FAM122A;PPP4R1B;FAM122A		0.807097	0.745919	0.944865	-1.05835	0.512553	1.12283	1.12283	0.289823	1.21124	1.21124	0.782633	1.040941	1.040941	0.554837	1.10082	1.10082	0.149372	1.30954	1.30954	0.344803	1.18499	1.18499	0.79636	1.046514	1.046514	0.560958	1.10799	1.10799	0.54485	0.262574	0.428373	1
cg21223341	VAV2;VAV2		0.807978	0.671379	1.25104	0.223527	1.95657	1.95657	0.908639	0.94153	-1.0621	0.797091	1.1448	1.1448	0.604218	1.3158	1.3158	0.767442	1.16841	1.16841	0.460364	1.48361	0.508016	1.42254	1.42254	0.265192	0.543664	1.83937	0.54684	2.37688	3.87781	1
cg27223827	FHL2;FHL2		0.807993	0.602847	0.787634	-1.26963	0.39688	0.674002	-1.48368	0.179118	0.522561	-1.91365	0.625635	0.799634	0.251057	0.947588	0.916216	-1.09145	0.265467	0.589948	-1.69508	0.676753	0.82641	-1.21005	0.498731	0.731757	-1.36657	0.578356	1.29088	1.29088	0.548418	1.78449	2.91146	1
cg09262994	RPH3AL		0.808005	0.136175	0.340706	-2.93508	0.64129	0.730057	-1.36976	0.646925	0.733996	-1.36241	0.787588	0.834354	-1.19853	0.176624	0.381671	-2.62006	0.732839	0.794724	-1.2583	0.46759	0.609181	-1.64155	0.668519	0.749132	-1.33488	0.515491	0.642636	-1.55609	0.544801	3.87682	6.33025	1
cg01351037	PDE8A;PDE8A;PDE8A;PDE8A		0.80801	0.180093	0.56743	-1.76353	0.509313	1.37483	1.37483	0.504769	1.85492	1.85492	0.442558	1.756521	1.756521	0.564632	0.629132	-1.58949	0.509308	0.540324	-1.85127	0.822421	1.22632	1.22632	0.523217	1.91099	1.09199	0.661304	1.49445	1.49445	0.540794	7.18979	11.7309	1
cg00118103	IGFBP3;IGFBP3		0.808012	0.670455	1.12339	1.12339	0.291375	1.34503	1.34503	0.563416	0.853182	-1.12708	0.741909	1.30486	1.30486	0.564665	1.15633	1.15633	0.716036	1.1044	1.1044	0.406249	0.793775	-1.2598	0.549654	0.848277	-1.17886	0.385612	0.785231	1.27351	0.544791	0.637532	1.04021	1
cg13129210	BEND6;DST		0.808021	0.47313	1.1248	1.1248	0.140551	1.29113	1.29113	0.270047	1.20335	1.20335	0.989486	1.00213	1.00213	0.409507	1.14563	1.14563	0.876698	1.02534	1.02534	0.807108	0.96134	-1.04021	0.866829	1.02742	1.02742	0.56878	1.09727	1.09727	0.544779	0.224141	0.36572	1
cg08001888	NR0L1;NR0L1		0.808023	0.64968	1.160467	1.160467	0.179253	1.33802	1.33802	0.406267	1.13619	1.13619	0.550387	1.136729	1.136729	0.789422	1.10102	1.10102	0.777772	1.012026	1.012026	0.946744	0.979476	-1.02824	0.905513	0.909763	-1.42905	0.645336	0.859993	-1.1628	0.544775	0.91391	1.49119	1
cg23200841	DYNLRB1		0.808035	0.481442	1.23112	1.23112	0.339014	0.750985	-1.33158	0.167893	1.53277	1.53277	0.682769	0.887451	-1.12682	0.794666	1.07873	1.07873	0.628274	1.15231	1.15231	0.982367	0.995591	-1.00644	0.750612	0.911507	-1.09708	0.866662	1.05004	1.05004	0.544759	0.728498	1.1887	1
cg16927232	CSNK1D;CSNK1D		0.808041	0.526089	0.88996	-1.12365	0.774821	0.949119	-1.05353	0.241466	1.24952	1.24952	1.24952	0.875106	1.02902	1.02902	0.30194	1.21471	1.21471	0.562823	1.11232	1.11232	0.670702	1.08089	1.08089	0.526976	0.889956	-1.12365	0.684344	0.928357	-1.07717	0.94275	0.285394	0.465688	1
cg21409722	AKAP1		0.808053	0.64048	1.2835	1.2835	0.275662	1.82549	1.82549	0.374484	1.35125	1.35125	0.507125	1.4292	1.4292	0.4279	1.53649	1.53649	0.213315	2.00456	2.00456	0.753472	0.846043	-1.18197	0.703771	0.816509	-1.22473	0.744065	0.840434	-1.18986	0.544732	2.4293	3.9641	1
cg22748686	UBTF;UBTF;UBTF		0.808056	0.913762	1.0203	1.0203	0.493979	1.18288	1.18288	0.44579	0.828638	-1.2068	0.219118	1.36682	1.36682	0.314845	0.823681	-1.21406	0.881865	1.03661	1.03661	0.714755	1.09281	1.09281	0.418535	1.22125	1.22125	0.672742	1.10819	1.10819	0.544729	0.50439	0.823065	1
ch.15.41583?F	INO80		0.808057	0.848397	0.870928	-1.14899	0.629742	1.42332	1.42332	0.257753	1.35891	1.35891	0.666293	1.37064	1.37064	0.519546	0.926152	-1.0797	0.809334	1.02944	1.02944	0.415944	1.1102	1.1102	0.592997	1.48002	1.48002	0.287063	2.23287	2.23287	0.544721	4.55552	7.43397	1
cg16003040	ZNF593		0.808065	0.385328	1.62482	1.62482	0.440161	0.650815	-1.53654	0.365591	1.66065	1.66065	0.959578	1.02804	1.02804	0.767163	1.17587	1.17587	0.792805	1.866206	-1.15446	0.611042	0.755897	-1.32293	0.819162	1.13309	1.13309	0.256791	0.52425	-1.90749	0.544716	2.56827	4.191	1
cg20948495	RCOR3		0.808066	0.40802	0.73724	-1.35552	0.598521	0.812897	-1.23017	0.810074	0.9171	-1.09039	0.21642	0.626551	-1.59604	0.740066	0.887215	-1.12712	0.468833	0.767285	-1.3033	0.943009	0.703899	-1.42066	0.929955	0.783675	-1.27604	0.172107	0.559091	-1.68608	0.544713	1.11449	1.81868	1
cg05523662	RLA-A		0.808068	0.757004	1.0544	1.0544	0.37486	0.750407	-1.33256	0.365045	0.778713	-1.28417	0.337632	1.36945	1.36945	0.392376	0.756765	-1.32141	0.70163	0.8846	-1.13025	0.668565	0.871984	-1.14681	0.547674	0.824055	-1.21351	0.281514	0.70048	-1.42759	0.544694	0.827726	1.42421	1
cg08359464	RPN1		0.808083	0.387256	1.57693	1.57693	0.252579	1.84819	1.84819	0.737798	0.841407	-1.18849	0.771768	1.16121	1.16121	0.558384	0.737724	-1.35552	0.503474	1.41758	1.41758	0.908981	1.06054	1.06054	0.223934	1.9281	1.9281	0.886516	1.07615	1.07615	0.54469	2.27873	3.71869	1
cg19331156	DKK1;DKK1		0.808084	0.456801	0.859237	-1.11566	0.804943	1.02926	1.02926	0.850669	0.898097	-1.01968	0.45999	0.897046	1.11477	0.556229	1.07039	1.07039	0.742028	1.04886	1.04886	0.353948	0.870651	-1.14803	0.804208	0.804046	-1.17591	0.345901	0.860187	-1.1505	0.54466	0.179935	0.293655	1
cg19604488	SUV420H2		0.808108	0.738821	0.879417	-1.13712	0.68528	1.16937	1.16937	0.41062	1.38142	1.38142	0.831607	1.0855	1.0855	0.752053	1.12943	1.12943	0.251183	1.5847	1.5847	0.331299	0.681652	-1.46702	0.561855	1.25262	1.25262	0.390869	1.4016	1.4016	0.544726	1.27208	2.07607	1
cg04609971	MGAT5B;MGAT5B		0.808115	0.5586819	1.30881	1.30881	0.215602	1.74423	1.74423	0.232605	1.78853	1.78853	0.561918	1.36936	1.36936	0.784621	1.13569	1.13569	0.691832	1.02132	1.02132	1.20173	0.585192	1.70427	1.70427	1.29163	0.442224	2.26144	1.4761	1.4761	0.955286	0.974292	1.41839	0.544784	0.548089	3.83787	1
cg08369217	TLE2;TLE2;TLE2		0.808118	0.923187	1.04963	1.04963	0.980799	1.01216	1.01216	?	?	?	?	0.852844	0.910946	-1.09776	0.541551	1.36472	1.36472	0.643095	0.790879	-1.26442	0.473481	1.44355	1.44355	0.950899	0.960545	-1.03141	0.136368	2.25998	2.25998	0.523403	1.81949	3.04174	1
cg19670870	C5orf141;C5orf141		0.808131	0.46748	0.371949	-2.68854	0.694751	0.59004	-1.6948	0.415044	0.328092	-3.04793	0.44434	0.352357	-2.83803	0.504567	0.404202	-2.47401	0.337573	0.266468	-3.75279	0.601588	0.49426	-2.02313	0.367366	0.423949	0.825495	1.34365	0.546121	15.435	25.1918	1
cg15467759	NDST1		0.808132	0.571548	1.14858	1.14858	0.331862	1.27444	1.27444	0.432704	1.2408	1.2408	0.474572	1.08453	1.08453	0.913151	1.20263	0.912512	1.02699	1.02699	0.784215	1.06877	1.06877	0.370732	0.80036	1.24944	0.800052	1.18998	1.18998	0.625089	0.887804	-1.12637	0.546119	0.553737	0.826407	1
cg04478075	TBC0		0.808135	0.423866	0.610828	-1.63712	0.790847	0.851789	-1.174	0.843094	1.12705	1.12705	0.854615	0.89521	-1.11706	0.143496	0.38725	-2.58231	0.881608	1.09456	1.09456	0.2648	0.495888	-2.01658	0.630182	0.746186	-1.34015	0.450457	0.628719	-1.59054	0.546616	3.14163	5.12757	1
cg09818407	OLIG1		0.808156	0.407137	0.415301	-2.40739	0.29291	1.52766	-1.09822	0.364007	0.880467	-2.62835	0.659046	0.918993	-1.08815	0.664943	0.815155	-1.22705	0.416663	0.423027	-2.3632	0.661009	0.939395	-1.06455	0.845173	0.833039	-1.17968	0.344307	0.703852	1.42113	1.12145	0.546586	9.3455	15.1215	1
cg26300785	ZMIZ1		0.808168	0.869736	0.922106	-1.08447	0.900151	0.959862	-1.06399	0.305248	0.959187	-1.68971	0.401453	0.654215	-1.52855	0.688881	1.07152	1.07152	0.953782	1.02905	1.02905	0.758246	1.16479	1.16479	0.549339	1.34835	1.34835	0.280826	1.92441	1.92441	0.544569	2.10563	3.43697	1
cg25411977	TSC1		0.808187	0.755424	0.894445	-1.11801	0.465273	0.765978	-1.30382	0.549364	1.24144	1.24144	0.619527	1.19565	1.19565	0.348539	0.708544	-1.41134	0.631377	0.841493	-1.18836	0.977125	0.988916	-1.01029	0.245572	0.648185	-1.54277	0.508112	1.27085	1.27085	0.544541	1.09917	1.79424	1
cg16604546	ACBD6		0.808189	0.517156	0.80433	-1.24335	0.722826	1.31851	1.31851	0.208251	0.802791	-1.24597	0.474437	1.14885	1.14885	0.444804	1.01847	1.01847	0.92671	1.02461	1.02461	0.483924	1.25323	1.25323	0.644418	0.88108	-1.13497	0.515457	0.666169	-1.50112	0.544538	0.602416	0.883368	1
cg19851168	C1orf52;C1orf52;C1orf52		0.80819	0.906827	0.920264	-1.08665	0.82037	1.17517	1.17517	0.240692	2.39103	2.39103	0.841127	0.867242	-1.15308	0.845534	0.870729	-1.14846	0.886994	1.10618	1.10618	0.298664	2.14795	2.14795	0.178278	2.75948	2.75948	0.958501	1.03762	1.03762	0.544537	4.34374	7.09061	1
cg19897113	MAN1C1		0.808192	0.568619	1.30881	1.30881	0.215602	1.74423	1.74423	0.232605	1.78853	1.78853	0.561918	1.36936	1.36936	0.784621	1.13569	1.13569	0.691832	1.02132	1.02132	1.20173	0.585192	1.70427	1.70427	1.29163	0.442224	2.26144	1.4761	1.4761	0.955286	0.974292	1.41839	0.544784	0.548089	3.83787	1
cg03008204	LETM1		0.808212	0.579898	1.46187	1.46187	0.175962	2.657	2.657	0.533719	1.53428	1.53428	0.263887	2.18783	2.18783	0.600838	1.43121	1.43121	0.449609	1.68749	1.68749	0.250891	2.25898	2.25898	0.420612	1.74855	1.74855	0.598626	1.43439	1.43439	0.544506	0.97754	6.49321	1
cg07499707	OSCR6		0.808231	0.281395	0.466688	-2.2387	0.808951	1.19133	1.19133	0.976644	0.979064	-1.02138	0.189134	0.365889	-2.73307	0.430452	0.558981	-1.78897	0.310192	0.468153	-2.13605	0.933489	0.941456	-1.06218	0.878551	1.11686	1.11686	0.92808	1.06743	1.06743	0.544478	4.50462	7.35401	1
cg20270253	ANK1		0.808239	0.661872	1.50082	1.50082	0.125602	2.09796	2.09796	0.10165	1.72058	1.72058	0.37684	1.74672	1.74672	0.696521	1.29375	0.773427	1.07961	1.07961	0.926567	1.08241	1.08241	0.942517	1.06096	1.06096	0.553052	1.80264	1.80264	1.44764	1.16752	1.16752	0.544648	1.74066	2.74863	1
cg25762679	VCAM1;VCAM1.VCAM1;VCAM1		0.808254	0.375332	0.503255	-1.98707	0.44308	0.55423	-1.8043	0.830876	1.17517	1.17517	0.944855	0.949134	-1.05359	0.434054	0.547496	-1.8265	0.25078	0.404292	-2.47346	0.262901	0.414418	-2.41302	0.379132	0.506147	-1.97571	0.851008	1.15247	1.15247	0.544445	4.911	8.01794	1
cg12283584	RGS12;RGS12;RGS12		0.808257	0.632463	1.2085	1.2085	0.278802	1.52233	1.52233	0.350043	1.64696	1.64696	0.610003	1.22359	1.22359	0.445152	1.38135	1.38135	0.404222	1.3994	1.3994	0.153579	0.742147	1.34781	1.34781	0.815729	1.22683	1.22683	0.99589	0.626236	1.21251	1.21251	0.544427	1.32671	2.16612	1
cg05997362	LYN;LYN		0.808268	0.129272	0.24776	-4.03617	0.641141	0.670594	-1.49101	0.646089	1.48229	1.48229	0.487761	0.547522	-1.82641	0.950598	0.629831	-1.58773	0.447409	0.517291	-1.93315	0.632104	0.663246	-1.50774	0.425313	0.50006	-1.99976	0.882686	1.13394	1.13394	0.544426	2.24802	10.2012	1
cg14690065	APOL6		0.808299	0.71309	0.724854	-1.37959	0.37347	0.451122	-2.2167	0.181341	0.290443	-3.44302	0.308614	0.399267	-2.50459	0.77644	1.28152	1.28152	0.801578	1.24533	1.24533	0.605163	0.634829	-1.57523	0.950399	0.947241	-1.0557	0.628531	1.52922	1.52922	0.544381	6.54511	10.6871	1
cg00981003	MGMT		0.808303	0.372993	0.468053	-2.13504	0.855687	0.937662	-1.06648	0.136581	0.760304	-1.31545	0.242052	0.860389	-1.1477	0.552629	0.724154	-1.38135	0.404222	0.3994	2.50376	0.153579	0.742147	1.34781	1.34781	0.815729	1.22683	1.22683	0.99589	0.626236	1.21251	1.21251	0.544427	1.32671	2.16612	1
cg08633239	C8orf44		0.808309	0.750897	1.09843	1.09843	0.954615	0.91624	-1.0162	0.626933	1.208	1.208	0.719635	0.899204	-1.11209	0.92276	1.029	1.029	0.675269	0.883211	-1.13223	0.2356	1.44251	1.44251	0.94801	1.32877	1.32877	0.339554	0.748154	-1.33662	0.544367	0.74908	1.22316	1
cg11012153	RTEL1;RTEL1		0.808315	0.849443	1.12782	1.12782	0.606069	1.04165	1.04165	0.899926	1.02111	1.02111	0.144727	0.875546	1.14252	0.879293	-1.14052	0.841324	1.1832	1.1832	0.534597	1.04907	1.04907	0.548073	0.779924	-1.62611	0.664348	1.00515	1.00515	0.633711	1.02668	1.02668	0.80979	0.607	0.935004	1
cg01269620	PDE10A;PDE10A		0.808319	0.990316	1.00334	1.00334	0.897681	1.03593	1.03593	0.234318	1.40789	1.40789	0.416373	0.796185	-1.25599	0.820742	0.939624	-1.06426	0.889665	0.962629	-1.03882	0.207306	0.694278	-1.44034	0.868536	0.955563	-1.0465	0.786262	1.07743	1.07743	0.544353	0.649115	1.05996	1
cg21864201	TBC1D16		0.808322	0.602346	0.804248	-1.72284	0.420287	2.1444	2.1444	0.722464	1.44615	1.44615	0.846107	1.601786	1.601786	0.210766	0.660478	-1.51451	0.613002	0.589035	-1.69737	0.605766	1.71534	1.71534	0.342933	2.91305	2.91305	0.272544	0.757852	2.76852	0.911963	1.12145	0.544546	9.3455	15.1215	1
cg20644426	BOLA3;BOLA3		0.808325	0.719562	1.07992	1.07992	0.41796	0.717668	-1.3934	0.738756	0.996082	-1.42922	0.622568	1.19648	1.19648	0.997702	1.00114	1.00114	0.567709	0.795798	1.2566	0.606928	0.774228	1.27274	0.54281	1.27585	1.27585	0.253668	1.60225	1.60225	0.544331	1.34824	2.20167	1
cg02602182	BCOR;BCOR		0.808336	0.776873	0.700038	-1.42849	0.471094	2.50976	2.50976	0.807304	1.35895	1.35895	0.257229	4.41107	4.41107	0.27538	0.240679	-4.15491	0.51072	2.31025	2.31025	0.443305	2.66727	2.66727	0.965915	1.0551	1.0551	0.801993	1.37078	1.37078	0.544328	13.5814	22.1785	1
cg07377146	LIN54		0.808349	0.517156	0.80433	-1.24335	0.722826	1.31851	1.31851	0.208251	0.802791	-1.24597	0.474437	1.14885	1.14885	0.444804	1.01847	1.01847	0.92671	1.02461	1.02461	0.483924	1.25323	1.25323	0.644418	0.88108	-1.13497	0.515457	0.666169	-1.50112	0.544538	0.602416	0.883368	1
cg04523731	TMEM41A		0.808365	0.565694	0.838975	-1.19193	0.427846	1.27733	1.27733	0.648649	0.80748	-1.14879	0.604322	0.853789	-1.17125	0.427392	0.782686	-1.27765	0.718088	0.896171	-1.11586	0.264898	1.42098	1.42098	0.919299	1.03112	1.03112	0.434687	0.785828	1.78163	1.28717	1
cg22514722	MGLL;MGLL		0.808366	0.938768	0.897301	-1.03048	0.20008	1.69613	1.69613	0.144915	0.844565	-1.18409	0.669555	0.856772	-1.16717	0.607624	1.22404	1.22404	0.888078	1.05651	1.05651	0.749336	1.82852	1.82852	0.606014	1.19124	1.19124	0.601993	1.16815	1.16815	0.544258	1.33134	2.14497	1
cg10176514	CAMTA1		0.808413	0.289006	0.44911	-2.22662	0.903991	0.915979	-1.09173	0.794277	0.28932	1.20932	0.801559	0.832639	-1.20132	0.731728	0.467138	-2.14069	0.842127	1.15608	1.15608	0.744264	0.440244	-2.37844	0.273629	0.43668	-2.29001	0.9972	1.00256	1.00256	0.544219	0.45911	0.74653	1
cg23056713	NTM		0.808414	0.927261	1.111	1.111	0.217803	0.45699	-2.45699	0.330856	3.17949	3.17949	0.943309	1.08543	1.08543	0.274581	0.272749	-3.66637	0.944671	0.92311	-1.08392	0.88296	1.1736	1.1736	0.824614	1.29157	1.29157	0.675571	0.615578	-1.62449	0.544218	1.45432	18.707	1
cg03077726	CDH3		0.808415	0.89636	0.94272	-1.12115	0.492637	0.97107	-1.03017	0.848997	0.762909	1.31107	0.887872	0.872329	1.14433	0.899321	0.780855	-1.28105	0.814447	0.735588	1.35919	0.710974	0.439894	-2.27335	0.236582	0.440455	-2.27037	0.230648	0.807272	1.23872	0.544208	0.626236	0.273376	1.4418	1.4418	0.544207	0.807272	1.45052	1
cg04029933	C20orf112		0.808422	0.976389	0.975057	-1.02558	0.772726	1.28039	1.28039	0.923068	1.08594	1.08594	0.337469	2.32568	2.32568	0.399396	0.478868	-2.08826	0.869835	0.869378	-1.15025	0.408361	0.485886	-2.0581	0.479639	1.8466	1.8466	0.299614	2.50306	2.50306	0.544206	0.27889	10.2557	1
cg20485560	ULK1;UPK1A		0.808433	0.993176	0.962172	-1.03932	0.855687	0.937662	-1.06648	0.136581	0.760304	1.76304	0.712965	0.884565	-1.1305	0.824092	0.926506	-1.07932	0.411955	0.743361	-1.34524	0.81384	0.935983	-1.06898	0.464027	0.777146	-1.29175	0.659273	0.854806	-1.16986	0.544176	0.7786	1.27983	1
cg20015269	CLCN5;CLCN5		0.808443	0.308589	0.175587	-5.82795	0.644929	0.456355	-2.19128	0.892316	0.797277	-1.25427	0.368756	0.48377	-4.68377	0.597907	0.24572	-4.35572	0.216293	0.113451	0.885641	0.835967	1.44152	1.44152	0.960592	0.920677	-1.08616	0.934468	1.14746	1.14746	0.544175	24.1125	39.3867	1
cg24315410	DAB1;DAB1		0.808446	0.423567	1.15107	1.15107	0.674696	1.07537	1.07537	0.129804	1.32539	1.32539	0.54488	1.09961	1.09961	0.811556	0.959759	-1.04197	0.585976	0.909668	-1.0993	0.831387	1.03739	1.03739	0.928001	1.01568	1.01568	0.630715	0.920004	-1.08695	0.544171	0.25538	0.417156	1
cg02881144	RHOT2		0.808447	0.740082	1.00497	1.00497	0.932	1.07713	1.07713	0.53001	1.1872	1.1872	0.836798	1.04302	1.04302	0.552009	1.07452	1.07452	0.746609	1.06844	1.06844	0.14901	0.270979	-1.37159	0.647282	0.950063	1.05263	1.05263	0.722238	1.38459	1.38459	0.544149	0.92133	15.074	1
cg27059127	IAH2		0.808492	0.920635	0.952843	-1.04949	0.863968	0.920245	-1.08667	0.614422	1.88424	1.88424	0.733375	0.847276	-1.18025	0.280157	1.72315	1.72315	0.946503	0.967998	-1.03306	0.488625	0.711063	-1.40635	0.428217	1.48	1.48	0.879726	0.929235	-1.07615	0.544106	0.24056	3.30746	1
cg13090242	BRD2;BRD2		0.808501	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.460957	0.422947	2.22083	0.613744	0.939488	-1.09127	0.923659	0.948553	-1.81933	0.824589	1.85044	1.85044	0.544095	0.99	0.99	0.99	1
cg12583138	GAB2;GAB2		0.808517	0.748462	0.884936	-1.13002	0.414185	0.728224	-1.3732	0.81089	0.912948	-1.09535	0.647348	1.19124	1.19124	0.285702	1.52391	1.52391	0.818151	1.09145	1.09145	0.378922	1.40913	1.40913	0.51746	0.779121	-1.28317	0.469074	0.755888	-1.32295	0.544071	1.2439	2.03225	1
cg22600945	RPL21;RPL21P28		0.808554	0.971536	1.00919	1.00919	0.871417	0.959309	-1.04242	0.477339	0.830863	-1.20357	0.304195	1.31377	1.31377	0.738698	1.08965	1.08965	0.325536	0.770786	-1.29738	0.544253	0.712028	1.40406	1.40406	1.03466	0.33661	2.97008	1.27208	1.27208	0.523928	0.847354	-1.18014	0.544038	0.566702	0.92592	1
	EPB41;EPB41;EPB41;EPB41;EPB42;EPB4																															
cg03429968	1		0.808541	?	?	?	0.890546	0.936545

File: ESM_23 (Online Resource 23)

Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg24743281	GNA12	0.800241	0.802211	1.03078	1.03078	0.549902	0.864007	-1.1574	0.629558	1.12461	1.12461	0.39408	1.12482	1.12482	0.244087	0.744929	-1.34241	0.95387	1.01269	1.01269	0.452254	0.831188	-1.2031	0.646007	0.894268	-1.11823	0.486509	1.1863	1.1863	0.542889	0.520393	0.823329	1
cg26820060	POMGNT1;POMGNT1	0.809374	0.540672	0.654512	-1.52786	0.671283	0.746663	-1.33929	0.407767	1.6522	1.6522	0.956135	0.963056	-1.03836	0.165947	0.363832	-2.74852	0.861691	1.12675	1.12675	0.370953	1.87521	1.87521	0.169116	0.974689	-1.02597	0.92912	0.94093	-1.06278	0.542847	4.02663	6.59345	1
cg06908458	SLC4A8;SLC4A8	0.809384	0.302614	0.742942	-1.346	0.445631	0.80546	-1.24153	0.481902	0.819636	-1.22005	0.950438	0.982852	-1.01745	0.86491	0.953724	-1.04852	0.821317	1.34884	1.34884	0.352079	0.790089	-1.28355	0.786515	0.695556	-1.4377	0.745978	0.647469	-1.54448	0.542832	15.3753	25.1771	1
cg09327586	TEX14;TEX14	0.721607	0.619838	-1.61333	1.2805	0.223002	-4.48425	-0.134355	0.115451	-8.66169	0.8401012	1.13018	1.13018	0.353494	0.278965	-3.58468	0.82315	1.34884	1.34884	0.352079	0.790089	-1.28355	0.786515	0.695556	-1.4377	0.745978	0.647469	-1.54448	0.542832	15.3753	25.1771	1
cg17579075	TMEM86A;TMEM86A	0.809385	?	?	?	0.605899	0.61939	-1.61449	0.792823	0.785284	-1.27342	?	?	?	?	?	?	?	?	?	0.963521	1.17106	1.17106	0.436628	3.08018	8.46537	1
cg00705668	MRPS12;MRPS12;SARS2	0.809398	0.507228	1.75109	1.75109	0.17662	3.33589	3.33589	0.328504	2.32102	2.32102	?	?	?	0.789811	1.24863	1.24863	?	?	?	0.979029	1.00704	1.00704	0.562734	0.683980	-1.46202	0.882913	1.03828	1.03828	0.780639	1.07375	1.07375	0.542774	0.558443	0.914551	1
cg23216122	DGKD;DGKD	0.809438	0.908288	1.07933	1.07933	0.154838	2.81662	2.81662	0.311369	2.00032	2.00032	0.779328	0.830212	-2.00451	0.675574	0.75668	-1.32156	0.715679	1.2742	1.2742	0.677775	0.758215	1.31889	0.775318	0.827318	-1.20873	0.823514	0.862457	-1.15948	0.542756	3.77201	6.17754	1
cg25478712	SIK1	0.809457	0.291293	1.33209	1.33209	0.452396	0.818351	-1.22197	0.965637	0.988782	-1.01134	0.970915	0.990498	-1.00959	0.446811	0.816242	-1.22513	0.314914	0.76176	-1.31275	0.418287	1.24182	1.24182	0.899176	0.967351	-1.03375	0.988336	1.00384	1.00384	0.542728	0.589406	0.965339	1
cg22095650	C8orf73 SNORD128,C20orf199;MIR1259;C20orf	0.809458	0.573558	1.72487	1.72487	0.24857	0.95261	0.956166	0.164591	0.830373	1.22832	1.22832	1.22832	1.14326	0.379536	1.19359	1.19359	1.11315	0.169497	0.80707	0.414007	0.294883	0.953972	2.483309	0.997804	1.00475	1.00475	0.816506	1.24959	1.24959	0.542727	7.89873	13.1967	1
cg24448231	199;SNORD12C,ZNF41;C20orf199	0.80946	0.718685	0.897187	-1.1146	0.838687	1.06304	1.06304	0.848989	1.05847	1.05847	0.344948	1.20313	1.20313	0.565435	1.19037	1.19037	0.152951	1.58258	1.58258	0.384496	0.765504	-1.30633	0.944167	0.979213	-1.02123	0.682476	0.883943	-1.1313	0.542724	0.773196	1.26636	1
cg15464485	C7orf50;C7orf50;C7orf50	0.80946	0.0757097	0.166597	-6.00251	0.986819	1.01509	1.01509	0.92257	1.09213	1.09213	0.818409	1.2318	1.2318	0.697959	1.42408	1.42408	0.979669	1.02337	1.02337	0.823067	1.2251	1.2251	0.940543	1.06996	1.06996	0.949948	0.944681	-1.05856	0.542724	7.0639	11.5695	1
cg13665263	MTPN;MTPN;LUZP6;LUZP6	0.809463	0.639644	0.884064	-1.13114	0.714822	0.908559	-1.10064	0.512815	0.840656	-1.18955	0.699358	0.903566	-1.10673	0.640348	0.872033	-1.14675	0.760901	0.923343	-1.08302	0.300328	1.32399	1.32399	0.191715	1.18684	1.18684	0.285446	1.33631	1.33631	0.54272	0.586953	0.961334	1
cg26631669	ADAR82	0.809468	0.800051	1.02885	1.02885	0.129727	1.42525	1.42525	0.854055	0.915519	0.91915	0.915899	0.96558	-1.03516	0.893899	0.945539	1.12401	1.12401	1.12401	1.12401	0.177223	2.13634	2.13634	0.157605	2.2919	2.2919	0.994072	0.995931	-1.00409	0.93789	1.0437	1.0437	0.542713	2.5884	4.24108	1
cg18358762	SFXN5	0.809477	0.490567	1.96944	1.96944	0.881918	1.02218	1.02218	0.727612	1.40274	1.40274	0.44261	2.13333	2.13333	0.227149	0.293127	-3.41149	0.640606	0.634409	-1.57627	0.349736	0.393918	-2.5386	0.637861	0.632005	-1.58227	0.808215	0.790286	-1.26536	0.5427	8.05119	13.187	1
cg11574648	ZNF737	0.80948	0.752146	0.846153	-1.18126	0.826581	1.08073	1.08073	0.89192	1.07338	1.07338	0.318913	1.70862	1.70862	0.646264	1.27594	1.27594	0.546644	1.17815	1.17815	0.198772	0.489582	-2.04214	0.764445	1.17117	1.17117	0.514256	0.70627	-1.41589	0.542696	2.37613	3.88987	1
cg26604834	ATE1;ATE1	0.809481	0.854476	0.92751	-1.07823	0.111951	1.29153	1.29153	0.513863	0.911097	-1.0976	0.418207	1.13861	1.13861	0.310096	0.878452	-1.13861	0.833645	0.969392	-1.03157	0.682879	1.00318	1.00318	0.723037	0.948764	-1.054	0.905561	1.0107	1.0107	0.542694	0.628049	0.187767	0.307547	1
cg06316056	USP36	0.809485	0.207153	4.03838	4.03838	0.355384	0.368779	-2.71165	0.949379	1.06889	1.06889	0.710729	1.4783	1.4783	0.459903	2.20232	2.20232	0.691682	1.5193	1.5193	0.653431	0.622359	-1.60679	0.734885	1.42853	1.42853	0.424806	2.35193	2.35193	0.542688	9.46314	15.5	1
cg21296749	PTCH2	0.809489	0.461758	1.31615	1.31615	0.766313	0.8567	-1.1155	0.378231	0.717845	-1.39306	0.364102	1.25063	1.25063	0.445429	0.553152	-1.80816	0.899058	0.954532	-1.04753	0.603738	1.21167	1.21167	0.322979	0.629292	-1.58925	0.768335	1.11439	1.11439	0.542683	1.11558	1.89279	1
cg23212364	XPO1	0.809492	0.685127	1.07615	1.07615	0.9894	1.00239	1.00239	0.680681	1.07734	1.07734	0.500562	1.13098	1.13098	0.618962	1.30223	1.30223	0.606636	1.09801	1.09801	0.283369	0.818197	-1.2222	0.807786	1.04486	1.04486	0.800493	1.04664	1.04664	0.542678	0.278542	0.456242	1
cg08909152	FANCB;FANCB;MOSPD2	0.80952	?	?	?	0.70987	?	0.643185	0.85476	0.92402	-1.08168	0.240015	0.534208	1.53428	0.534208	0.577935	2.13139	2.13139	2.13139	2.13139	0.24578	0.2002	-4.99503	0.832041	1.2342	1.2342	0.909008	0.960723	-1.16181	0.947569	1.09105	1.09105	0.525004	0.7958	0.24757	1
cg13851843	ABCC8;ABCC8	0.809512	0.375173	0.905818	-1.10397	0.756793	1.03434	1.03434	0.814732	0.974811	-1.02584	0.482664	1.08063	1.08063	0.700859	0.958918	1.04284	0.528769	0.932998	-1.07181	0.193494	0.86111	-1.16129	0.836756	1.02268	1.02268	0.576554	1.06323	1.06323	0.54265	0.101506	0.166272	1
cg03742080	SIK3	0.809524	0.332747	0.82451	-1.21284	0.914466	0.983526	-1.01675	0.874409	0.969914	-1.03102	0.50463	0.877431	-1.13969	0.257449	1.25625	1.25625	0.343202	0.828131	-1.20754	0.564929	1.11892	1.11892	0.953987	0.988918	-1.01121	0.907889	1.0226	1.0226	0.542633	0.320536	0.525071	1
cg12364463	MTHFS TMEM25;TMEM25;TMEM25;TMEM25;	0.809525	0.708791	1.24857	1.24857	0.801809	0.878809	0.936424	1.10057	0.863897	1.08051	0.923769	0.879585	-1.1369	0.623499	0.824509	1.18562	0.827009	1.2002	1.2002	0.425605	0.833251	1.2099	1.2099	0.401885	0.610459	-1.63811	0.913925	1.06417	1.06417	0.542626	2.84376	4.65843	1
cg20001829	TMEM25;TMEM25	0.809537	0.997505	1.00141	1.00141	0.849721	0.918001	-1.08932	0.57621	1.29007	1.29007	0.997557	0.99862	-1.00138	0.392536	1.48452	1.48452	0.55316	1.31217	1.31217	0.180143	0.526231	-1.90031	0.536591	0.754081	-1.32612	0.617447	0.796817	-1.25499	0.542614	1.74838	2.86412	1
cg19109538	SLITRK5	0.809553	0.942037	1.01465	1.01465	0.593902	1.11365	1.11365	0.652961	1.09477	1.09477	0.659049	1.09288	1.09288	0.529658	1.26455	1.26455	0.916757	0.979305	-1.02113	0.212806	1.29572	1.29572	0.537631	1.13297	1.13297	0.193638	1.31668	1.31668	0.542592	0.343812	0.563243	1
cg08875357	RTN4R1	0.809566	0.934322	1.0436	1.0436	0.55139	1.36623	1.36623	0.343984	1.65659	1.65659	0.487629	1.44072	1.44072	0.33258	1.69738	1.69738	0.165756	2.14982	2.14982	0.27229	1.80703	1.80703	0.840588	1.10991	1.10991	0.670795	1.24781	1.24781	0.542573	2.30399	3.7746	1
cg20496915	PBX12	0.809574	0.86324	1.03253	1.03253	0.7447	1.19347	1.19347	0.511453	1.13752	1.13752	0.743786	1.15606	1.15606	0.607252	1.32006	1.32006	0.471506	1.0816	1.0816	0.759506	0.924524	-1.09505	0.760167	1.07667	1.07667	0.471738	0.816055	1.07667	1.07667	0.542724	0.626548	0.68554	1
cg03087372	RASSF2 ISLR2;LOC283731;ISLR2;ISLR2;ISLR2;ISL	0.809628	0.551014	0.71448	-1.39962	0.233513	0.498504	-2.006	0.209032	0.478062	-2.09178	0.705362	0.809207	-1.23578	0.822362	1.13351	1.13351	0.532403	0.702966	-1.42254	0.529876	0.701399	-1.42572	0.683203	0.795585	-1.25694	0.551965	1.39847	1.39847	0.542484	2.66873	4.37286	1
cg25705558	R2	0.809629	0.321121	0.300431	-3.32855	0.159538	0.171469	-5.83197	0.386297	0.352796	-2.8345	0.801756	0.744433	-1.3433	0.707116	0.642235	-1.55706	0.417958	0.378708	-2.64056	0.950235	0.929396	-1.07597	0.926004	0.896753	-1.11513	0.613156	1.81862	1.81862	0.542482	11.8241	19.3744	1
cg20329405	LHX9;LHX9	0.809632	0.420694	0.673644	-1.48446	0.550755	0.748349	-1.33627	0.734107	1.17789	1.17789	0.607039	0.779478	-1.28291	0.455272	0.694048	-1.44082	0.332229	0.681545	-1.6167	0.259496	0.568417	-1.75927	0.553985	1.33316	1.33316	0.744895	1.16975	1.16975	0.542479	1.98143	3.2467	1
cg13152210	PCCA;PCCA	0.809672	0.682497	1.09284	1.09284	0.870809	1.82464	1.82464	-1.21252	0.684163	1.76546	1.76546	-1.32199	0.75984	0.596713	1.34238	1.34238	0.808264	0.971491	-1.02988	0.842798	1.24298	1.24298	0.796895	1.31171	1.31171	0.836328	1.04924	1.04924	-1.05327	0.542421	0.540703	0.886122	1
cg11664544	TBC1D10A	0.809673	0.733736	1.18929	1.18929	0.434132	1.49961	1.49961	0.719874	1.20062	1.20062	0.548214	1.36136	1.36136	0.478365	1.44188	1.44188	0.476386	1.44434	1.44434	0.16488	2.12176	2.12176	0.755621	1.17177	1.17177	0.421057	0.658805	-1.5179	0.54242	2.21453	3.62905	1
cg16241878	FBXO5	0.809682	0.648469	1.07536	1.07536	0.826082	0.850471	-1.16351	0.453858	0.620686	-1.58963	0.508569	0.8085	1.3085	0.355124	0.678151	-1.47464	0.615564	1.31555	1.31555	0.089698	0.37948	-2.63486	0.844557	0.658843	1.51855	0.842189	0.81402	-1.22846	0.84959	0.542489	0.814082	1.50383	2.46118	1
cg08255782	PITX1	0.809688	0.820052	1.12765	1.12765	0.490399	0.691172	1.44682	0.726937	0.831233	-1.20303	0.626085	1.2955	1.2955	0.38341	0.627473	1.59369	0.914582	0.945	-1.0582	0.242412	1.90608	1.90608	0.545577	1.50665	1.50665	0.520323	1.40998	1.40998	0.542485	2.38802	3.91361	1
cg16196191	KIAA0564	0.809707	0.208584	2.82239	2.82239	0.74258	1.29429	1.29429	0.816073	0.833297	-1.20005	0.850842	0.862998	-1.15875	0.414235	1.9218	1.9218	0.621689	1.47597	1.47597	0.234606	2.65156	2.65156	0.40502	1.94808	1.94808	0.451815	1.8221	1.8221	0.542372	5.26238	8.62447	1
cg06063209	TNK2;TNK2	0.809712	0.333251	1.50008	1.50008	0.433423	1.31497	1.31497	0.554107	1.24723	1.24723	0.513497	1.34489	1.34489	0.276228	1.38464	1.38464	0.550905	1.22498	1.22498	0.745018	1.10264	-1.61575	0.326069	0.763853	1.57833	0.729208	0.74279	-1.34597	0.542364	16.3847	26.8531	1
cg11147309	PLEC1;PLEC1 INS-	0.809719	0.627825	1.20059	1.20059	0.656332	1.18246	1.18246	0.892143	0.9505	-1.05208	0.319786	1.46921	1.46921	0.409532	1.37112	1.37112	0.972675	1.0129	1.0129	0.300582	1.49392	1.49392	0.640047	0.83868	-1.19235	0.570588	0.708885	-1.41067	0.542355	1.20285	1.9714	1
cg09604722	IGF2;IGF2AS;IGF2;IGF2AS;IGF2	0.809719	0.464172	0.69135	-1.44644	0.501751	0.713357	-1.40182	0.354913	1.60238	1.60238	0.917685	0.950073	-1.05255	0.881042	1.07701	1.07701	0.488032	0.705372	-1.41769	0.736524	0.845944	-1.18211	0.603389	1.29651	1.29651	0.275825	1.75353	1.75353	0.542354	2.10834	3.45546	1
cg14648368	ZC3HAV1;ZC3HAV1	0.809726	0.606427	1.07346	1.07346	0.461044	1.14631	1.14631	0.862082	1.03236	1.03236	0.156966	1.31478	1.31478	0.402001	0.856355	1.16774	0.546227	1.11673	1.11673	0.734841	1.04039	1.04039	0.659253	1.50925	1.50925	0.857905	1.03459	1.03459	0.569213	1.10961	1.10961	0.542344	0.280759	0.460157	1
cg23706211	CLSR2	0.809731	0.742905	1.10169	1.10169	0.839439	1.06151	1.06151	0.687484	1.12636	1.12636	0.27958	1.39202	1.39202	0.968882	1.01154	1.01154	0.529101	1.20637	1.20637	0.92292	1.02889	1.02889	0.571003	0.844954	-1.1835	0.113905	1.61364	1.61364	0.542335	0.743657	1.21886	1
cg25307334	GPR123	0.809738	0.508909	1.96503	1.96503	0.987167	1.01849	-1.48435	0.888792	1.03772	1.03772	0.971613	1.05512	1.05512	0.774805	1.18606	1.18606	0.469599	1.07543	1.07543	0.178067	2.46342	-1.40592	0.893691	1.07043	1.07043	0.893691	1.03457	-1.07005	0.455354	0.680538	-1.46943	0.542328	2.02068	3.60907	1
cg08215575	STARD7	0.809756	0.605105	0.804901	-1.24239	0.672878	0.818037	-1.19327	0.468165	1.39952	1.39952	0.51993	0.529866	-1.88727	0.582056	1.26022	1.26022	0.669577	1.19806	1.19806	0.685503	0.844171	-1.18459	0.591253	0.798064	-1.25303	0.994516	1.00286	1.00286	0.542302	1.48697	2.43729	1
cg10407138	KIAA1797	0.80977	0.540202	0.897804	-1.11433	0.61671	1.09171	1.09171	0.31552	1.19777	1.19777	0.340364	0.842941	-1.18632	0.926971	1.01607	1.01607	0.702265	0.97496	-1.06007	0.746878	0.948308	-1.05451	0.437155	0.871249	-1.14778	0.64976	1.1433	1.1433	0.542282	0.259682	0.429561	1
cg23951781	PPID	0.809781	0.967514	1.03357	1.03357	0.134971	1.26656	-1.86249	0.872579	0.855793	-1.16851	0.655827	0.549886	-1.81822	0.545838	0.822304	1.21971	1.61971	1.61971	1.61971	0.396424	1.00436	1.00436	0.914636	0.442966	2.2406	2.2406	0.713251	0.698859	-1.4309	0.68442	0.486496	-1.48696	0.538102	7.85143	13.3485	1
cg07905888	NCDN;NCDN;KIAA0319L;NCDN	0.809786	0.944521	1.01951	1.01951	0.382311	1.28219	1.28219	0.864974	1.04838	1.04838	0.666774	1.12778	1.12778	0.972529	1.00961	1.00961	0.336311	0.759411	-1.31681	0.232175	0.706214	-1.416	0.427709	0.798684	-1.25206	0.829414	0.941861	-1.06173	0.542359	0.661836	1.0846	1
cg16870585	ACVR2B	0.809787	0.895785	1.05828	1.05828	0.260659	1.5421	1.5421	0.857282	1.18597	1.18597	0.530922	1.16772	1.16772	0.610934	1.28557	1.28557	0.453534	1.37507	1.37507	0.135592	2.63002	2.63002	0.152129	2.36129	2.36129	0.308657	1.09779	1.09779	0.854497	0.932771	-1.07207	0.542358	0.709888	1.30182	1.93983
cg02706653	PCSK2	0.809794	0.426042	1.18113	1.18113	0.32916	0.813614	-1.22908	0.644017	1.09999	1.09999	0.44992	1.1708	1.1708	0.463847	1.16499	1.16499	0.690307	0.921194	-1.08555	0.633115	0.906197	-1.10351	0.542629	1.13454	1.13454	0.444155	1.17325	1.17325	0.542247	0.360262	0.590566	1
cg02657823	MAST4;MAST4	0.809845	0.705438	-1.41756	0.624535	1.16589	1.16589	0.613262	1.1692	1.1692	0.411289	0.770857	-1.29726	0.923193	1.03041	1.03041	1.03041	0.612306	0.852902	-1.17247	0.864394	0.948084	-1.05474	0.974206	1.32819	1.32819	0.464681	1.25718	1.25718	0.542152	0.831342	1.36303	1
cg01363596	CACNA1E	0.809846	0.895373	-1.96571	-1.03548	0.496837	0.831289	-1.20061	0.445948	1.22863	1.22863	0.844294	0.949221	-1.05349	0.510808	1.19335	1.19335	0.538426	0.847828	-1.17948	0.959285	1.01362	1.01362	0.805838	1.06744	1.06744	0.161529	1.48619	1.48619	0.542148	0.603076	0.988785	1
cg19058262	C19orf26	0.809882	0.386426	4.27995	4.27995	0.250993	7.12885	7.12885	0.304092	5.7143	5.7143	0.323791	5.3058	5.3058	0.351161	4.81318	4.81318	0.468278	3.34834	3.34834	0.336806	5.06172	5.06172	0.584364	2.47097	2.47097	0.378547	3.4906	3.4906	0.542121	23.0248	37.7527	1
cg08181543	PCNA;PCNA	0.809901	0.766753	1.09363	1.09363	0.515189	1.16589	1.16589	0.613262	1.1692	1.1692	0.411289	1.08501	1.08501	0.351153	0.822303	-1.21595	0.922302	1.04606	1.04606	0.309955	1.32819	1.32819	0.464681	1.25718	1.25718	0.542152	0.831342	1.36303	1.36303	0.542116	0.586196	1
cg18592975	CDK13;CDK13	0.809917	0.833876	1.08707	1.08707	0.374051	1.43722	1.43722	0.632618	1.21101	1.21101	0.922849	0.962225	-1.03926	0.908351	1.04684	1.04684	0.205679	0.588187	-1.70014	0.616365	1.22238	1.22238	0.379263	1.43127	1.43127	0.50669	1.30709	1.30709	0.542072	1.35661	2.22457	1
cg08794954	O2/24	0.809918	0.234554	4.26212	4.26212	0.27383	0.558856	-1.78937	0.832737	0.823754	-1.21449	0.870575	0.810804	-1.23425	0.651237	0.748307	-1.33577	0.556668	0.685081	-1.45946	0.284477	0.492069	-2.03182	0.643328	0.863697	-1.15783	0.967407	0.952059	-1.05048	0.542133	0.573372	0.804013	1.4055	2.30491	1
cg25766537	TIPIL;TIPIL FAM172A;FAM172A;FAM172A;FAM172	0.809962	0.840055	0.845866	-1.18222	0.417265	0.00101	2.00101	0.490338	1.78674	1.78674	0.964539	0.963842	-1.03751	0.193888	0.320252	1.12254	0.60018	1.54976	1.54976	0.952816	0.952165	-1.05024	0.828152	0.853204	-1.19731	0.415098	0.501555	-1.9938	0.542007	5.89033	9.66011	1
cg01948367	A	0.80997	0.969726	0.990078	-1.0091	0.559876	0.868666	-1.15119	0.590032	0.878183	-1.13872	0.323451	0.783839	-1.27577	0.284282	0.766714	-1.30427	0.773722	0.933472	-1.07127	0.245428	0.74816	-1.33661	0.912908	0.974211	-1.02647	0.202682	0.725285	-1.37877	0.541996	0.489576	0.802918	1
cg24353272	RRP15	0.81	0.824515	0.898535	-1.11292	0.170332	2.02079	2.02079	0.797644	1.13176	1.13176	0.25458	1.77374	1.77374	0.683161	1.21859	1.21859	0.474002	1.4202	1.4202	0.371804	1.55543	1.55543	0.434859	1.46792	1.46792	0.986615	1.00811	1.00811	0.541953	1.99205	3.26728	1
cg00446571	SPAT52	0.810025	0.402059	0.77002	-1.29382	0.80206	0.725325	-1.37837	0.763609	0.933383	-1.09483	0.445084	0.79149	-1.26312	0.554151	0.803409	1.24509	0.43059	1.12736	1.12736	0.814546	0.899955	1.04088	1.04088	0.904017	0.668531	-1.49582	0.674918	0.774439	1.27028	1	
cg06966363	SH3PXD2A	0.810066	0.837037	1.2283	1.2283	0.488053	0.21049	2.02049	0.119778	0.59351	5.39351	0.975393	0.969674	-1.03127	0.438725	0.454503	2.20021	0.796359	1.72443	1.72443	-1.29459	0.363867	1.04627	1.04627	0.842403	0.819757	-1.21987	0.792358	0.768426	1.30136	0.541859	0.5545	14.0332	1
cg27537935	SLC44A4	0.810094	0.824403	1.1841	1.1841	0.508461	1.66541	1.66541	0.547448	1.58868	1.58868	0.650785	1.41413	1.41413	0.199096	0.356383	-2.80597	0.501291	0.595122	-1.68033	0.597659	0.666988	-1.49928	0.573754	1.54064	1.54064	0.712128	1.32554	1.32554	0.541818	4.96154	8.13973	1
cg16523863	ZNF793	0.810097	0.874382	1.07407	1.07407	0.359502	1.44244	1.44244	0.820663	1.18013	1.18013	0.444244	1.44244	1.44244	0.820663	1.18013	1.18013	0.31846	1.6216	1.6216	0.157467	2.13135	2.13135	0.12035	2.31846	2.31846	0.157467	1.64553	1.64553	0.541816	1.93715	3.17804	1
cg16223624	PDHX;PDHX;PDHX;PDHX;PDHX;APIP	0.810111	0.801004	1.55582	1.55582	0.308591	0.546498	-1.82983	0.652143	1.29217	1.29217	0.561699	0.714314	-1.39994	0.655392	1.29376	1.29376	0.715175	0.810475	-1.23384	0.84338	0.892777	-1.1201	0.7302	2.05808	2.05808	0.493404	1.49005	1.49005	0.541795	2.82097	4.62819	1
cg08309396	MTMR9L	0.810133	0.52333	0.926845	-1.08002	0.128648	2.82669	2.82669	0.126203	2.1401	2.1401	0.881037	1.36703	1.36703	0.745526	1.83097	1.83097	0.12616	0.845358	0.845358	0.12616	7.92511	7.92511	0.040337	2.07884	2.07884	0.556857	1.61502	1.61502	0.74088	0.785828	1.26819	0.541565	0.542121	0.565	0.91621	1
cg18695429	CSTF2	0.810143	0.243153	0.372573	-2.68404	0.922429	0.924283	-1.08192	0.605072	0.65592	-1.52458	0.432798	1.91004	1.91004

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08448668	KIF26B	0.810831	0.629483	0.903539	-1.10676	0.651435	1.09954	1.09954	0.526192	1.14341	1.14341	0.944822	1.01455	1.01455	0.532451	0.876396	-1.14104	0.329707	1.23354	1.23354	0.848504	1.04071	1.04071	0.166938	1.35996	1.35996	0.667817	1.09427	1.09427	0.540765	0.372887	0.612937	1
cg10426652	WDR75	0.810836	0.784375	0.929008	-1.07642	0.816242	1.06449	1.06449	0.519936	0.839358	-1.19139	0.833883	0.945176	-1.058	0.931406	0.977151	-1.02338	0.111554	1.59252	1.59252	0.697349	1.11063	1.11063	0.558089	0.852976	-1.17237	0.864134	1.04706	1.04706	0.540759	0.617341	1.01477	1
cg04992974	ADARB2	0.81087	0.843257	1.30254	1.30254	0.173615	6.90966	6.90966	0.211934	5.78693	5.78693	0.773315	0.680042	-1.4705	0.712767	0.610372	-1.63835	0.961955	1.06576	1.06576	0.688804	1.71171	1.71171	0.983061	0.972052	-1.02875	0.6857	0.580879	-1.72153	0.54071	15.2657	25.0958	1
cg18177533	KDR	0.810891	0.99565	0.998719	-1.00128	0.728576	0.921321	-1.0854	0.796932	1.06253	1.06253	0.392633	1.22875	1.22875	0.430902	0.827698	-1.20817	0.743175	0.925576	-1.08041	0.200215	0.727391	-1.37478	0.486074	1.18115	1.18115	0.753734	1.07684	1.07684	0.540681	0.473814	0.778959	1
cg05361406	HSPB8;HSPB8	0.810896	0.570068	0.712771	-1.40298	0.392422	0.596399	-1.67673	0.666198	1.29177	1.29177	0.892636	0.92343	-1.08292	0.544378	0.696324	-1.43611	0.352909	0.569	-1.75747	0.198781	0.448859	-2.22787	0.389097	0.594126	-1.68314	0.755276	1.20255	1.20255	0.540673	2.9798	4.89891	1
cg16068336	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.810899	0.940585	0.978122	-1.02237	0.387464	0.768836	-1.30067	0.19604	1.5004	1.5004	0.924894	1.02838	1.02838	0.825641	1.06767	1.06767	0.771271	1.09036	1.09036	0.935983	1.02413	1.02413	0.82852	1.06649	1.06649	0.224171	1.46073	1.46073	0.540669	0.754117	1.23981	1
cg16337546	LEMD2	0.810905	0.860397	0.958411	-1.04339	0.737707	1.08448	1.08448	0.560382	0.867553	-1.15267	0.232134	0.73905	-1.35309	0.98104	1.00575	1.00575	0.49089	1.18395	1.18395	0.346509	1.26355	1.26355	0.598715	1.13672	1.13672	0.522621	1.16924	1.16924	0.540661	0.498617	0.819765	1
cg22438810	LCN2;LCN2	0.810907	0.787826	0.880584	-1.13561	0.34598	1.58018	1.58018	0.552352	1.32764	1.32764	0.403363	1.4965	1.4965	0.201386	0.529376	-1.88902	0.795465	0.884737	-1.13028	0.773672	0.872904	-1.1456	0.832187	1.10521	1.10521	0.972055	0.983622	-1.01665	0.540657	1.90301	3.12872	1
cg04847830	TSC2;TSC2;TSC2	0.810908	0.638708	0.788103	-1.26887	0.221962	1.90861	1.90861	0.460308	1.46014	1.46014	0.890441	1.07187	1.07187	0.618076	0.776384	-1.28802	0.792694	0.875787	-1.14183	0.363561	1.60031	1.60031	0.948901	1.0328	1.0328	0.470028	0.690673	-1.44786	0.540655	2.17122	3.56969	1
cg04336970	UBE2I;UBE2I;UBE2I;UBE2I	0.810911	0.280117	0.726378	-1.37669	0.772798	1.08592	1.08592	0.671192	0.885516	-1.12928	0.537432	0.837108	-1.19459	0.978718	0.992433	-1.00762	0.281199	1.37563	1.37563	0.541948	0.838799	-1.19218	0.881596	1.04335	1.04335	0.46474	1.23597	1.23597	0.540652	0.694214	1.14136	1
cg13323878	ARHGEF10	0.810924	0.729643	1.14123	1.14123	0.792783	0.904609	-1.10545	0.867	0.938169	-1.06591	0.537757	1.26819	1.26819	0.778929	1.11312	1.11312	0.85993	1.06957	1.06957	0.0807876	2.09039	2.09039	0.640628	1.19606	1.19606	0.594116	1.22729	1.22729	0.540633	1.24157	2.04134	1
cg18001722	GRK5	0.810931	0.192296	0.284992	-3.50888	0.786185	0.780889	-1.28059	0.805811	1.25112	1.25112	0.21105	0.301619	-3.31545	0.865094	0.856699	-1.16727	0.561115	1.70664	1.70664	0.672034	1.47305	1.47305	0.860801	0.852442	-1.1731	0.89002	0.88175	-1.13411	0.540622	7.084	11.6475	1
cg26148236	EFHD1;EFHD1	0.810937	0.956202	0.975759	-1.02484	0.505179	1.35272	1.35272	0.380107	1.49524	1.49524	0.994139	1.00329	1.00329	0.995408	0.997432	-1.00257	0.27416	1.66267	1.66267	0.420108	1.44491	1.44491	0.300646	1.61481	1.61481	0.227725	1.76079	1.76079	0.540614	1.70939	2.81061	1
cg13741326	CROT;TP53TG1;CROT;CROT	0.810946	0.860089	1.03419	1.03419	0.987172	0.996941	-1.00307	0.47853	1.14715	1.14715	0.63251	0.912288	-1.09614	0.793312	0.951198	-1.05131	0.943745	1.01354	1.01354	0.159512	0.75094	-1.33166	0.93187	0.98384	-1.01643	0.265014	0.801444	-1.24775	0.540602	0.310849	0.511117	1
cg10224088	S100A13;S100A13;S100A13;S100A13;S100A13	0.810987	0.700766	0.898731	-1.11268	0.941092	0.979772	-1.02065	0.395545	0.786158	-1.27201	0.901665	0.966397	-1.03477	0.320113	0.752708	-1.32854	0.47003	1.22535	1.22535	0.250681	1.39361	1.39361	0.653893	0.88268	-1.13291	0.896932	0.964798	-1.03649	0.540542	0.654574	1.07641	1
cg18872881	PPP3CA;PPP3CA;PPP3CA	0.81099	0.693416	1.36701	1.36701	0.206358	2.86238	2.86238	0.201886	2.89578	2.89578	0.522289	1.66807	1.66807	0.403531	1.96297	1.96297	0.46118	1.80747	1.80747	0.351445	2.1311	2.1311	0.660226	1.41771	1.41771	0.402939	1.96472	1.96472	0.540538	5.32962	8.76431	1
cg20370839	SLC20A2	0.811001	0.812511	0.933017	-1.07179	0.755128	1.09559	1.09559	0.613445	0.861883	-1.16025	0.426337	0.788985	-1.26745	0.761562	0.915029	-1.09286	0.144251	1.58041	1.58041	0.671763	1.13243	1.13243	0.986389	1.00499	1.00499	0.58448	0.851177	-1.17484	0.540523	0.728866	1.19862	1
cg09357483	SLC7A5	0.811006	0.893993	1.23871	1.23871	0.83135	1.40839	1.40839	0.483699	0.318906	-3.13572	0.866954	0.763972	-1.30895	0.636803	0.465942	-2.14619	0.668629	1.99648	1.99648	0.491475	3.07093	3.07093	0.516277	2.87705	2.87705	0.163647	0.0919176	-10.8793	0.540515	22.0708	36.2959	1
cg05760951	MGC21881	0.811008	0.598503	0.868562	-1.15133	0.0928301	0.612371	-1.633	0.902446	1.03305	1.03305	0.953911	0.984789	-1.01545	0.988089	1.00397	1.00397	0.880306	0.960827	-1.04077	0.879272	0.960492	-1.04113	0.922518	0.97453	-1.02614	0.306126	0.755026	-1.32446	0.540513	0.602085	0.990145	1
cg14424579	AGBL5;AGBL5	0.811009	0.825808	1.04486	1.04486	0.228637	0.777611	-1.28599	0.452976	0.858818	-1.16439	0.898211	1.02581	1.02581	0.99134	1.00216	1.00216	0.190113	0.758622	-1.31818	0.918866	0.97992	-1.02049	0.879417	1.03068	1.03068	0.616178	1.10585	1.10585	0.540511	0.339265	0.557933	1
cg11933220	NOP10;NOP10	0.811044	0.806075	1.04709	1.04709	0.44025	0.863084	-1.15864	0.979061	1.00492	1.00492	0.912925	0.979745	-1.02067	0.390661	1.17886	1.17886	0.862018	0.967979	-1.03308	0.288709	0.8138	-1.2288	0.214552	0.783145	-1.2769	0.795996	0.952688	-1.04966	0.540462	0.299567	0.492693	1
cg26805150	ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLIM2	0.811054	0.259157	0.81487	-1.22719	0.371005	0.852357	-1.17322	0.387156	0.857138	-1.16667	0.367268	1.17477	1.17477	0.811509	1.04242	1.04242	0.795516	0.955839	-1.0462	0.494143	0.886256	-1.12834	0.875529	0.973108	-1.02764	0.608186	0.913999	-1.09409	0.540447	0.258872	0.425774	1
cg25604883	AK5;AK5	0.811082	0.543656	0.82112	-1.21785	0.626281	0.854406	-1.1704	0.437742	1.28892	1.28892	0.268721	1.44678	1.44678	0.810768	0.925974	-1.07994	0.878561	1.05025	1.05025	0.373602	0.746137	-1.34024	0.672207	1.14621	1.14621	0.488324	1.25323	1.25323	0.540406	0.87987	1.44726	1
cg26376518	NXT2	0.811096	0.187741	0.209365	-4.77635	0.975671	0.966418	-1.03475	0.894808	1.15972	1.15972	0.438925	2.42122	2.42122	0.830665	0.786725	-1.27109	0.209596	0.227362	-4.39828	0.919326	0.892725	-1.12017	0.855372	0.815163	-1.22675	0.92102	0.894863	-1.11749	0.540386	10.7378	17.6628	1
cg04422289	OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1;OCIAD1	0.811109	0.434299	0.728184	-1.37328	0.944831	1.0279	1.0279	0.654446	0.835996	-1.19618	0.776528	0.893017	-1.1198	0.415019	0.718011	-1.39274	0.707646	1.16159	1.16159	0.112122	0.502669	-1.98938	0.904942	1.04865	1.04865	0.938148	1.03134	1.03134	0.540368	1.35297	2.22559	1
cg18920754	HN1;HN1;HN1	0.811152	0.214216	2.00367	2.00367	0.444898	1.5127	1.5127	0.83303	1.11873	1.11873	0.53385	1.39776	1.39776	0.275695	1.82696	1.82696	0.478272	1.46688	1.46688	0.902537	0.936966	-1.06727	0.265342	1.85319	1.85319	0.445967	1.51117	1.51117	0.540307	2.417	3.97634	1
cg20904336	DEGS2	0.811224	0.610061	0.637976	-1.56746	0.808885	1.23583	1.23583	0.424443	2.03974	2.03974	0.876002	1.1462	1.1462	0.404135	0.474277	-2.10847	0.82072	0.820083	-1.21939	0.309974	0.399293	-2.50442	0.354337	2.29947	2.29947	0.547107	0.587172	-1.70308	0.540204	6.53311	10.75	1
cg15496336	CNN3	0.811229	0.97842	0.99055	-1.00954	0.96817	0.986091	-1.01411	0.578763	0.821301	-1.21758	0.744756	0.891659	-1.12151	0.383975	0.730989	-1.36801	0.491989	0.782717	-1.2776	0.152121	1.71347	1.71347	0.793	1.09671	1.09671	0.871224	0.944643	-1.0586	0.540196	1.05421	1.73469	1
cg02328921	SLC22A23;SLC22A23	0.811241	0.230885	2.57514	2.57514	0.256879	2.43665	2.43665	0.343144	2.08553	2.08553	0.396681	1.92172	1.92172	0.693342	1.34754	1.34754	0.633618	1.43534	1.43534	0.753121	1.26804	1.26804	0.235622	2.54837	2.54837	0.864334	1.13736	1.13736	0.54018	4.8461	7.97447	1
cg21412992	NFIA;NFIA;NFIA;NFIA	0.811242	0.613463	1.54561	1.54561	0.58698	1.59818	1.59818	0.454975	1.91657	1.91657	0.801478	0.806248	-1.24031	0.148824	3.75677	3.75677	0.478148	1.85231	1.85231	0.715952	1.36668	1.36668	0.782	1.26759	1.26759	0.225936	2.96528	2.96528	0.540178	6.25149	10.2871	1
cg23456263	C19orf54;SNRPA	0.811246	0.722516	0.904959	-1.10502	0.893942	0.96333	-1.03807	0.74272	0.911868	-1.09665	0.428735	1.25392	1.25392	0.231897	0.703858	-1.42074	0.946723	1.01889	1.01889	0.802186	0.932107	-1.07284	0.376708	1.28927	1.28927	0.398377	1.27402	1.27402	0.540173	0.671144	1.10441	1
cg12075442	ACYP1;ACYP1	0.811265	0.376528	0.613803	-1.62919	0.44462	1.52064	1.52064	0.924024	1.05264	1.05264	0.808414	1.13957	1.13957	0.277433	0.544705	-1.83586	0.872503	0.917246	-1.09022	0.484468	0.682412	-1.46539	0.369618	1.64143	1.64143	0.945571	0.963945	-1.0374	0.540145	2.47466	4.07243	1
cg20249566	NWD1	0.811266	0.493394	0.517312	-1.93307	0.38104	0.426821	-2.3429	0.735135	1.37955	1.37955	0.993731	0.992583	-1.00747	0.454456	0.485787	-2.05852	0.344232	0.397242	-2.51735	0.410304	0.450292	-2.22078	0.197601	0.275126	-3.63469	0.875551	1.1601	1.1601	0.540144	7.68132	12.6408	1
cg06170053	SOX4;SOX4	0.811282	0.519728	1.39386	1.39386	0.995878	1.00263	1.00263	0.711146	0.827556	-1.20838	0.963945	0.977261	-1.02327	?	?	?	0.729851	0.838283	-1.19291	0.144672	2.21935	2.21935	0.919921	0.950117	-1.0525	0.426167	1.51207	1.51207	0.522432	1.90443	3.64532	1
cg07278047	APAF1;APAF1;APAF1;APAF1;APAF1	0.811297	0.684314	0.848603	-1.17841	0.723318	1.15345	1.15345	0.843808	0.923836	-1.08244	0.861879	1.07244	1.07244	0.404221	0.709805	-1.40884	0.107935	0.494387	-2.02271	0.507253	0.763235	-1.31021	0.547601	0.783182	-1.27684	0.985882	0.992919	-1.00713	0.5401	1.37963	2.27057	1
cg17809595	BMF;BMF;BMF;BMF	0.811302	0.618289	0.698863	-1.43089	0.193412	0.374707	-2.66875	0.874566	1.11928	1.11928	0.9502	1.04556	1.04556	0.55422	0.65264	-1.53224	0.287201	0.45465	-2.19949	0.500031	0.613664	-1.62956	0.40228	0.542587	-1.84302	0.629683	1.41417	1.41417	0.540093	4.3518	7.16224	1
cg24619785	ASAP2;ASAP2	0.811317	0.720298	1.10925	1.10925	0.412458	1.27334	1.27334	0.118835	1.62938	1.62938	0.656603	1.13774	1.13774	0.592154	1.16876	1.16876	0.89281	1.03964	1.03964	0.228548	1.4397	1.4397	0.695453	1.12014	1.12014	0.900406	1.03677	1.03677	0.540071	0.711322	1.17075	1
cg26907087	SDK1	0.811334	0.718851	0.761909	-1.31249	0.856736	0.872902	-1.1456	0.491582	0.591274	-1.69126	0.725646	0.767192	-1.30345	0.830554	1.17491	1.17491	0.597101	0.669485	-1.49369	0.332363	0.471318	-2.12171	0.111783	0.271798	-3.6792	0.792026	1.21991	1.21991	0.540047	4.83946	7.9655	1
cg25948031	EBF1	0.811345	0.797325	1.2738	1.2738	0.207905	3.48567	3.48567	0.234548	0.309826	-3.22762	0.871922	1.16384	1.16384	0.770672	1.31635	1.31635	0.785728	0.773945	-1.29208	0.497291	0.523076	-1.91177	0.823792	1.23333	1.23333	0.890605	1.13815	1.13815	0.54003	7.56328	12.4491	1
cg00265238	CDK13;CDK13	0.811356	0.937481	1.02289	1.02289	0.886277	1.04215	1.04215	0.373095	1.30187	1.30187	0.641439	0.873448	-1.14489	0.756653	0.914226	-1.09382	0.725168	1.1072	1.1072	0.225224	0.692481	-1.44408	0.97681	0.991649	-1.00842	0.26433	0.714866	-1.39886	0.540015	0.711877	1.17178	1
cg00108164	ACP1;SH3YL1;SH3YL1;ACP1;ACP1;ACP1	0.811361	0.73492	0.815502	-1.22624	0.370877	0.576124	-1.73574	0.980646	1.01466	1.01466	0.288104	0.515887	-1.93841	0.4171	0.607935	-1.64491	0.973057	0.979936	-1.02048	0.591411	1.38431	1.38431	0.716086	1.24508	1.24508	0.352411	1.77586	1.77586	0.540007	3.0803	5.07039	1
cg26826957	ICA1;ICA1;ICA1	0.811376	0.829102	0.783841	-1.27577	0.939632	0.918206	-1.08908	0.387551	2.71239	2.71239	0.73415	1.46822	1.46822	0.76079	0.708911	-1.41062	0.633038	0.581615	-1.71935	0.321878	0.315694	-3.16763	0.194153	0.212747	-4.70041	0.748616	1.43656	1.43656	0.539986	10.8558	17.8701	1
cg23506350	ZNF148	0.811404	0.875674	1.09325	1.09325	0.867793	1.09951	1.09951	0.862153	0.905777	-1.10403	0.726161	0.818545	-1.22168	0.291328	1.86545	1.86545	0.919043	0.943752	-1.0596	0.837082	1.12439	1.12439	0.183876	2.23174	2.23174	0.260872	1.9498	1.9498	0.539947	2.77282	4.56477	1
cg05139081	TPCN1;TPCN1	0.811405	0.51516	1.20228	1.20228	0.481249	1.2212	1.2212	0.727062	0.906818	-1.10276	0.366852	0.772003	-1.29533	0.46269	1.23205	1.23205	0.941377	0.97968	-1.02074	0.898657	0.965058	-1.03621	0.539947	0.840966	-1.18911	0.276539	0.729111	-1.37153	0.539945	0.666314	1.09693	1
cg22833809	TMC8;TMC6	0.811406	0.990761	0.995894	-1.00412	0.757735	0.895893	-1.11621	0.199052	0.617442	-1.61958	0.503796	0.785799	-1.27259	0.864507	0.941121	-1.06256	0.367019	1.38995	1.38995	0.716371	1.13842	1.13842	0.424636	0.748477	-1.33605	0.516467	0.791568	-1.26331	0.539943	1.07961	1.77733	1
cg09895354	SSPO	0.811457	0.543074	0.60173	-1.66187	0.230348	2.82451	2.82451	0.604529	1.53895	1.53895	0.458029	0.536046	-1.86551	0.467163	0.543085	-1.84133	0.632928	0.672311	-1.48741	0.947053	0.946676	-1.05633	0.437804	0.520451	-1.92141	0.734098	0.754783	-1.32488	0.539871	5.82138	9.58481	1
cg01095389	DGAT2	0.811461	0.914678	1.0641	1.0641	0.390681	0.600558	-1.66512	0.370073	0.586473	-1.70511	0.965555	0.975276	-1.02535	0.260662	0.50655	-1.97414	0.778377	1.17771	1.17771	0.508108	1.47583	1.47583	0.477576	0.657953	-1.51987	0.400273	0.60704	-1.64734	0.539865	2.87364	4.73145	1
cg27549952	KITLG;KITLG	0.811464	0.90218	1.04631	1.04631	0.629292	0.836046	-1.19611	0.113532	0.530495	-1.88503	0.906324	1.04429	1.04429	0.32207	0.686196	-1.45731	0.875006	1.05967	1.05967	0.53107	0.791687	-1.26313	0.892153	1.05121	1.05121	0.69291	0.864051	-1.15734	0.53986	1.15884	1.90805	1
cg20568402	DCUN1D2	0.811482	0.142379	1.75736	1.75736	0.905373	0.958373	-1.04343	0.558107	1.23585	1.23585	0.496535	1.27996	1.27996	0.990181	1.00441	1.00441	0.548758	1.24225	1.24225	0.329734	1.43277	1.43277	0.814697	1.08756	1.08756	0.606746	0.830582	-1.20397	0.539836	1.09288	1.79952	1
cg21304766	RELL1;RELL1	0.811488	0.254994	0.574379	-1.74101	0.855981	1.08845	1.08845	0.32572	0.62287	-1.60547	0.538281	0.747735	-1.33737	0.215165	0.544062	-1.83803	0.8948	0.940144	-1.06367	0.93303	1.03999	1.03999	0.362451	0.646164	-1.54759	0.573734	0.767058	-1.30368	0.539826	1.86091	3.06421	1
cg26909981	PPP1R15A	0.811489	0.382188	1.63308	1.63308	0.855062	1.10525	1.10525	0.909258	1.06438	1.06438	0.714389	1.22281	1.22281	0.854327	0.904311	-1.10581	0.287061	1.8312	1.8312	0.234451	0.505566	-1.97798	0.642833	1.29121	1.29121	0.668411	0.789926	-1.26594	0.539825	2.56064	4.21641	1
cg24828455	C3orf59	0.81151	0.735111	0.906291	-1.1034	0.689	1.12363	1.12363	0.672204	1.13124	1.13124	0.847873	0.945874	-1.05722	0.321434	1.34556	1.34556	0.116684	1.63868	1.63868	0.780051	0.922088	-1.0845	0.94042	1.02189	1.02189	0.709013	1.11474	1.11474	0.539794	0.717728	1.1819	1
cg21220404	PDE4A	0.811558	0.742988	0.878041	-1.1389	0.709514	1.15941	1.15941	0.547599	1.27194	1.27194	0.399574	0.711149	-1.40618	0.48803	0.756937	-1.32111	0.142714	0.536465	-1.86405	0.621624	0.821479	-1.21732	0.68025	0.848907	-1.17799	0.712745	0.86401	-1.15739	0.539726	1.3356	2.19963	1
cg03278611	NLGN4Y;NLGN4Y;NLGN4Y	0.811562	0.338047	5.52496	5.52496	0.646472	0.449647	-2.22397	0.314574	0.165313	-6.04914	?	?	?	0.548203	0.349383	-2.86219	0.400634	4.43265	4.43265	0.853094	0.725554	-1.37826	0.824045	0.680167	-1.47023	0.782648	1.61384	1.61384	0.522027	22.0135	42.1693	1
cg11944359	FNDC1	0.811562	0.978719	0.993476	-1.00657	0.40532	1.23234	1.23234	0.631856	1.12575	1.12575	0.611229	0.881802	-1.13404	0.840732	1.05061	1.05061	0.726221	0.917354	-1.09009	0.107844	1.53808	1.53808	0.853723	1.04633	1.04633	0.909809	1.0282	1.0282	0.539721	0.514671	0.847633	1
cg24078451	PRR18;PRR18	0.811588	0.468491	0.859878	-1.16296	0.759777	0.939158	-1.06478	0.767828	0.941207	-1.06247	0.504801	0.870647	-1.14857	0.645228	0.909478	-1.09953	0.766963	0.940987	-1.06271	0.0988289	0.69045	-1.44833	0.852745	0.962683	-1.03876	0.586705	1.1189	1.1189	0.539684	0.358057	0.58974	1
cg14276242	ZNF594	0.81159	0.833579	0.967122	-1.034	0.920465	0.984256	-1.016	0.690834	0.938456	-1.06558	0.745609	0.94959	-1.05309	0.9288	1.0143	1.0143	0.593362	0.917926	-1.08941	0.198447	0.805783	-1.24103	0.527858	1.10697	1.10697	0.187343	0.800887	-1.24862	0.53968	0.215787	0.355415	1
cg04360519	EEFSEC	0.811593	0.952471	0.95917	-1.04257	0.594115	1.45668	1.45668	0.0882273	3.72712	3.72712	0.921023	0.932994	-1.07182	0.640554	1.38942	1.38942	0.806814	0.842529	-1.1869	0.501548	1.61131	1.61131	0.893727	0.910759	-1.09798	0.973631	0.977148	-1.02339	0.539676	4.18065	6.88586	1
cg15916399	DOK6;DOK6	0.811611	?	?	?	0.633447	1.74297	1.74297	0.189956	5.04208	5.04208	0.560545	1.97581	1.97581	0.571718	1.93708	1.93708	?	?	?	?	?	?	0.983729	0.976719	-1.02384	0.515901	2.14373	2.14373	0.470251	6.48554	16.0902	1
cg01465102	APBB2;APBB2;APBB2	0.811611	0.718741	1.1392	1.1392	0.820558	1.08531	1.08531	0.748733	1.12278	1.12278	0.911611	0.960775	-1.04083	0.400228	0.733226	-1.36384	0.507469	1.27419	1.27419	0.140693	1.77011	1.77011	0.464763	1.30748	1.30748	0.940155	0.973306	-1.02743	0.53965	1.10983	1.82807	1
cg23407549	MMD2;MMD2	0.811643	0.467669	1.53594	1.53594	0.438899	1.58164	1.58164	0.943596	1.04194	1.04194	0.474135	1.5261	1.5261	0.956453	0.968787	-1.03222	0.504223	1.48224	1.48224	0.137949	2.52844	2.52844	0.314954	1.82834	1.82834	0.95065	0.964696	-1.0366	0.539605	2.88188	4.7473	1
cg00225765	STK32B	0.811648	0.256672	0.714594	-1.3994	0.147993	0.643708	-1.5535	0.913919	0.969775	-1.03117	0.858584	0.950637	-1.05193	0.996513	1.00124	1.00124	0.46169	1.237	1.237	0.987333	0.995504	-1.00452	0.990079	0.996477	-1.00354	0.872068	0.955288	-1.04681	0.539598	0.688506	1.13419	1
cg26628100	IFT140	0.811683	0.647706	0.783691	-1.27601	0.195115	2.0668	2.0668	0.678369	1.24724	1.24724	0.787786	1.15366	1.15366	0.564444	0.73445	-1.36156	0.592728	1.33115	1.33115	0.816814	0.884326	-1.13081	0.997011	1.00199	1.00199	0.313019	0.575302	-1.73822	0.539547	2.39842	3.95133	1
cg16065241	DNAJC7;NKIRAS2;DNAJC7;DNAJC7	0.811699	0.466262	1.1671	1.1671	0.787172	1.05802	1.05802	0.460763	0.855125	-1.16942	0.893414	0.972447	-1.02833	0.268955	1.27119	1.27119	0.894231	1.02811	1.02811	0.888054	1.02979	1.02979	0.759516	1.06608	1.06608	0.178407	1.34715	1.34715	0.539524	0.371173	0.611523	1
cg06889484	MPV17L2	0.811713	0.774319	0.781474	-1.27963	0.604071	0.638464	-1.56626	0.239309	0.347527	-2.87747	0.862323	0.861677	-1.16053	0.842601	1.18592	1.18592	0.211653	0.323499	-3.0912	?	?	?	?	?	?	0.703048	0.72	-1.38889	0.500013	4.53101	10.3563	1
cg21827986	INF2;INF2	0.811717	0.350656	0.619057	-1.61536	0.751646	1.17175	1.17175	0.631355	1.27295	1.27295	0.466184	0.690599	-1.44802	0.181326	0.492428	-2.03076	0.394653	0.647116	-1.54532	0.700024	0.82426	-1.21321	0.616391	0.777127	-1.28679	0.575035	0.753684	-1.32682	0.539499	2.1294	3.50844	1
cg00354542	LOC100134368	0.811722	0.17992	0.394076	-2.53758	0.876529	1.10701	1.10701	0.61186	1.39735	1.39735	0.572175	0.688521	-1.45239	0.564365	0.683188	-1.46373	0.453509	0.606973	-1.64752	0.303959	0.498508	-2.00599	0.758491	1.22342	1.22342	0.779009	0.831986	-1.20194	0.539491	3.65288	6.01864	1
cg00462700	STK32C	0.811727	0.534299	0.687787	-1.45394	0.42146	0.613637	-1.62963	0.831268	1.13529	1.13529	0.961631	1.02902	1.02902	0.822348	1.14308	1.14308	0.25306	0.491703	-2.03375	0.409959	0.605868	-1.65052	0.220251	0.464656	-2.15213	0.816279	1.14843	1.14843	0.539484	3.02149	4.9784	1
cg11816918	SMCHD1	0.811737	0.955461	0.991139	-1.00894	0.685564	1.06702	1.06702	0.939347	1.0122	1.0122	0.698192	0.939791	-1.06407	0.74094	1.0543	1.0543	0.108497	0.756531	-1.32182	0.356733	0.859796	-1.16307	0.796478	0.959648	-1.04205	0.737749	0.947854	-1.05501	0.53947	0.216996	0.357546	1
cg22401907	ATXN1;ATXN1	0.811752	0.337999	1.24842	1.24842	0.952689	0.98676	-1.01342	0.328891	0.797426	-1.25403	0.918517	1.02325	1.02325	0.873658	0.964884	-1.03639	0.891401	1.03116	1.03116	0.171454	1.38689	1.38689	0.997837	1.00061	1.00061	0.866018	0.962777	-1.03866	0.539449	0.431135	0.710411	1
cg16018729	LOC729668	0.811788	0.920775	1.04451	1.04451	0.475423	0.727821	-1.37396	0.871301	0.931486	-1.07355	0.281893	1.63155	1.63155	0.408491	0.690679	-1.44785	0.552572	1.30084	1.30084	0.298717	1.60242	1.60242	0.758729	0.873835	-1.14438	0.994333	0.996896	-1.00311	0.539397	1.63705	2.69774	1
cg16046673	RNASEH2B;RNASEH2B	0.811808	0.282053	1.21285	1.21285	0.511069	0.891308	-1.12195	0.433692	0.871182	-1.14787	0.421532	1.15227	1.15227	0.913626	1.01891	1.01891	0.356519	1.17786	1.17786	0.660154	0.926462	-1.07937	0.97969	1.0044	1.0044	0.846926	0.967189	-1.03392	0.539369	0.254552	0.419506	1
cg01203766	PSORS1C1	0.811808	0.563681	0.404546	-2.47191	0.381396	0.248605	-4.02244	0.401766	0.264352	-3.78284	0.978933	0.95989	-1.04179	0.203454	0.124785	-8.01381	0.838071	1.37334	1.37334	0.962116	0.929006	-1.07642	0.213585	0.131273	-7.61768	0.953506	0.913569	-1.09461	0.539369	20.5327	33.8383	1
cg24477778	BAT1;BAT1	0.811816	0.61708	1.62672	1.62672	0.191783	3.79543	3.79543	0.179415	3.96087	3.96087	0.414259	2.23796	2.23796	0.787769	0.770706	-1.29751	0.665562	1.5216	1.5216	0.553938	1.78228	1.78228	0.573473	1.73159	1.73159	0.614759	1.63204	1.63204	0.539357	7.95849	13.116	1
cg19500057	STRN3;STRN3;MIR624	0.811822	0.973401	0.992749	-1.0073	0.799646	1.05708	1.05708	0.728203	0.926679	-1.07912	0.922118	1.02157	1.02157	0.112181	0.685566	-1.45865	0.477628	1.17069	1.17069	0.568471	0.88178	-1.13407	0.723252	1.0807	1.0807	0.804155	0.947214	-1.05573	0.539349	0.406947	0.670681	1
cg23568913	PES1	0.811832	0.5356	0.915899	-1.09182	0.901927	0.982885	-1.01741	0.436285	1.11764	1.11764	0.556383	0.920064	-1.08688	0.82695	1.03113	1.03113	0.9218	0.986344	-1.01385	0.168551	0.814276	-1.22809	0.6047	1.07587	1.07587	0.502846	0.909171	-1.0999	0.539334	0.167505	0.276069	1
cg24531794	ELP4;IMMP1L	0.811835	0.946943	0.979595	-1.02083	0.886205	0.956612	-1.04536	0.734939	1.11101	1.11101	0.0877196	0.557742	-1.79295	0.853923	0.944506	-1.05875	0.902041	0.962574	-1.03888	0.908632	0.965061	-1.0362	0.791137	1.0857	1.0857	0.546499	1.20809	1.20809	0.53933	0.819674	1.35093	1
cg06299037	SPTBN4;BLVRB;BLVRB	0.811839	0.657556	1.05634	1.05634	0.179527	1.19144	1.19144	0.536903	1.07985	1.07985	0.913744	0.986776	-1.0134	0.365165	1.12111	1.12111	0.481459	0.915841	-1.09189	0.993785	1.00096	1.00096	0.638065	0.943448	-1.05994	0.799959	0.969284	-1.03169	0.539324	0.12894	0.212513	1
cg20318272	PODXL;PODXL	0.811843	0.394097	0.483333	-2.06897	0.280885	2.54348	2.54348	0.478597	1.82211	1.82211	0.741817	1.317	1.317	0.444017	0.522066	-1.91547	0.960281	0.959369	-1.04235	0.36893	0.463661	-2.15675	0.984213	1.01662	1.01662	0.920938	0.920638	-1.0862	0.539319	5.92557	9.76635	1
cg22161874	TRPM6	0.811915	0.478961	1.38415	1.38415	0.136781	2.06257	2.06257	0.433754	1.43444	1.43444	0.312929	1.60228	1.60228	0.683725	1.20321	1.20321	0.600777	1.26931	1.26931	0.324756	1.58296	1.58296	0.965867	1.01952	1.01952	0.875138	1.07361	1.07361	0.539216	1.74215	2.87191	1
cg06726393	ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200;ZNF200	0.811936	0.493981	1.36827	1.36827	0.932309	1.03909	1.03909	0.90399	1.05598	1.05598	0.926837	1.04233	1.04233	0.181763	0.527371	-1.8962	0.777512	0.879962	-1.13641	0.231596	0.567574	-1.76189	0.781591	1.13367	1.13367	0.974321	1.01464	1.01464	0.539186	1.74009	2.86867	1
cg11395610	RAB28;RAB28;RAB28	0.811936	0.483876	1.20169	1.20169	0.617631	1.1388	1.1388	0.125929	1.53361	1.53361	0.396642	1.25126	1.25126	0.65917	1.12145	1.12145	0.485781	1.2007	1.2007	0.615512	0.877421	-1.1397	0.871431	1.04271	1.04271	0.977636	0.992787	-1.00727	0.539185	0.569488	0.938845	1
cg03989610	C1orf109	0.811939	0.805272	0.946979	-1.05599	0.814895	1.05309	1.05309	0.774579	0.938632	-1.06538	0.387394	0.822501	-1.2158	0.898676	1.0285	1.0285	0.148707	1.40721	1.40721	0.53924	0.871883	-1.14694	0.721336	0.924048	-1.08219	0.62465	0.896946	-1.11489	0.539181	0.415406	0.684834	1
cg08062174	DEAF1	0.811944	0.626605	0.576054	-1.73595	0.198726	4.60818	4.60818	0.2385	4.01033	4.01033	0.747317	0.695132	-1.43858	0.681015	0.628138	-1.59201	0.762029	0.710588	-1.40729	0.793145	0.744052	-1.34399	0.85161	1.2345	1.2345	0.817214	0.770705	-1.29751	0.539174	10.8069	17.8163	1
cg01932823	GPR97	0.811951	0.443294	0.566238	-1.76604	0.32382	2.09897	2.09897	0.26929	2.30964	2.30964	0.797246	1.20602	1.20602	0.783796	0.818631	-1.22155	0.874131	0.891052	-1.12227	0.384478	0.522665	-1.91327	0.903016	0.915121	-1.09275	0.695344	0.750986	-1.33158	0.539164	4.52092	7.45339	1
cg17534092	SCARB1;SCARB1	0.811963	0.739934	0.7544	-1.32556	0.5313	1.71	1.71	0.351625	2.25015	2.25015	0.693515	1.39808	1.39808	0.270012	0.378426	-2.64252	0.824829	0.828989	-1.20629	0.408875	0.489372	-2.04344	0.620636	0.655663	-1.52517	0.654131	1.46453	1.46453	0.539146	6.11191	10.0767	1
cg04531425	ITGA4	0.811967	0.829583	0.964925	-1.03635	0.362682	1.16763	1.16763	0.6735	1.07272	1.07272	0.756995	0.949885	-1.05276	0.158744	1.28342	1.28342	0.967751	1.00672	1.00672	0.690242	0.935797	-1.06861	0.545444	1.10667	1.10667	0.39261	1.15612	1.15612	0.539142	0.234297	0.386287	1
cg13524991	CDK16;CDK16	0.811974	0.627134	0.398678	-2.50829	0.146614	0.053564	-18.6692	0.964399	1.08746	1.08746	0.592451	2.7595	2.7595	0.820312	1.53326	1.53326	?	?	?	?	?	?	0.967412	1.07977	1.07977	0.780144	0.591157	-1.6916	0.499631	21.7197	49.6816	1
cg05284742	ITPK1;ITPK1;ITPK1	0.811978	0.949503	0.974426	-1.02625	0.689039	0.848285	-1.17885	0.881732	0.940922	-1.06279	0.240184	1.65373	1.65373	0.607502	1.23606	1.23606	0.630625	1.21918	1.21918	0.611658	1.23298	1.23298	0.168553	1.82238	1.82238	0.7663	0.885218	-1.12967	0.539126	1.42868	2.35555	1
cg12114804	SFRS5;SFRS5	0.811984	0.429848	1.23251	1.23251	0.694266	0.902592	-1.10792	0.688058	0.900592	-1.11038	0.608012	0.874406	-1.14363	0.994151	1.0019	1.0019	0.154444	0.67339	-1.48502	0.899276	0.967682	-1.0334	0.356178	0.781764	-1.27916	0.531443	0.848361	-1.17874	0.539116	0.574636	0.947453	1
cg13634678	TM2D3;TM2D3	0.811989	0.258438	1.29697	1.29697	0.388744	1.21506	1.21506	0.301837	1.26604	1.26604	0.97547	0.993242	-1.0068	0.944946	1.01535	1.01535	0.451824	0.844475	-1.18417	0.911816	1.02473	1.02473	0.660924	1.10223	1.10223	0.379162	1.22013	1.22013	0.53911	0.41522	0.684619	1
cg18886197	RING1	0.811992	0.647991	1.15123	1.15123	0.113832	1.69392	1.69392	0.997614	0.999084	-1.00092	0.836031	1.06555	1.06555	0.369439	0.753973	-1.32631	0.628507	1.1611	1.1611	0.97674	1.00897	1.00897	0.733574	1.11035	1.11035	0.908431	1.03588	1.03588	0.539105	0.801415	1.32139	1
cg17707690	ORC5L;ORC5L;ORC5L;ORC5L	0.811993	0.704629	1.05401	1.05401	0.694782	0.946991	-1.05598	0.901362	0.98302	-1.01727	0.535887	1.09044	1.09044	0.487821	0.907236	-1.10225	0.97473	0.995635	-1.00438	0.306252	0.863894	-1.15755	0.745991	0.956101	-1.04591	0.218638	1.19567	1.19567	0.539103	0.162879	0.268559	1
cg14846596	CUL1	0.811997	0.375442	0.391965	-2.55125	0.933869	1.0892	1.0892	0.543464	1.88362	1.88362	0.893044	0.870658	-1.14856	0.158078	0.211442	-4.72943	0.422909	0.430512	-2.32282	0.442014	0.446136	-2.24147	0.80165	0.771694	-1.29585	0.647231	0.622266	-1.60703	0.539099	9.05113	14.9239	1
cg11810498	PTRH1;TTC16	0.812009	0.600569	0.810603	-1.23365	0.98955	0.994808	-1.00522	0.878104	1.0629	1.0629	0.429236	0.725616	-1.37814	0.357797	1.45625	1.45625	0.812844	0.910039	-1.09885	0.270718	1.57741	1.57741	0.435125	1.3723	1.3723	0.482198	1.3283	1.3283	0.539082	1.34875	2.22395	1
cg06802841	LIX1L	0.812013	0.702568	1.13855	1.13855	0.241985	1.51313	1.51313	0.569947	1.21433	1.21433	0.888041	1.04879	1.04879	0.815699	0.924072	-1.08217	0.797004	0.916512	-1.09109	0.237503	1.51972	1.51972	0.517401	1.24854	1.24854	0.264973	1.48129	1.48129	0.539076	0.9766	1.61033	1
cg03957687	CENPT	0.812049	0.887215	0.90903	-1.10007	0.332586	1.9577	1.9577	0.304173	2.04462	2.04462	0.628105	0.72032	-1.38827	0.3665	0.536053	-1.86549	0.673013	0.751805	-1.33013	0.697602	0.769182	-1.30008	0.558019	1.48907	1.48907	0.683279	0.759046	-1.31744	0.539024	3.85613	6.35904	1
cg23955417	MIR1976;RPS6KA1;RPS6KA1	0.812055	0.924001	0.932866	-1.07197	0.975116	0.977539	-1.02298	0.992895	0.993536	-1.00651	0.356647	1.99469	1.99469	0.454346	0.574037	-1.74205	0.521894	1.60442	1.60442	0.747824	1.26483	1.26483	0.202565	2.66395	2.66395	0.360345	1.98357	1.98357	0.539015	4.52827	7.46757	1
cg11906777	COX18	0.812057	0.293456	1.30676	1.30676	0.299309	0.767905	-1.30225	0.695093	0.907822	-1.10154	0.978717	1.00657	1.00657	0.791391	1.06725	1.06725	0.78365	0.934663	-1.0699	0.457188	0.83037	-1.20428	0.360967	1.2593	1.2593	0.975897	1.00744	1.00744	0.539012	0.51453	0.848516	1
cg18953747	ZNF815	0.812064	0.250191	1.52416	1.52416	0.222541	1.56765	1.56765	0.636453	1.18174	1.18174	0.710286	1.13982	1.13982	0.997534	1.00108	1.00108	0.89559	1.04713	1.04713	0.405588	0.741982	-1.34774	0.721954	1.13351	1.13351	0.468178	1.29548	1.29548	0.539003	1.05006	1.73169	1
cg25124938	TPRA1;TPRA1;TPRA1	0.812101	0.474193	0.832017	-1.2019	0.900022	0.968742	-1.03227	0.941571	0.981649	-1.01869	0.997083	0.999077	-1.00092	0.742723	0.920143	-1.08679	0.383552	0.797908	-1.25328	0.140211	1.49325	1.49325	0.752361	0.923136	-1.08326	0.824925	1.05758	1.05758	0.53895	0.544928	0.898749	1
cg21007213	SELO	0.812104	0.461261	1.76877	1.76877	0.66252	0.71613	-1.39639	0.250131	2.49365	2.49365	0.456477	1.78001	1.78001	0.618481	0.682686	-1.4648	0.449617	1.79638	1.79638	0.762147	1.2596	1.2596	0.752343	1.27212	1.27212	0.445988	0.553965	-1.80517	0.538946	4.93432	8.13822	1
cg19987349	MATN2;MATN2	0.81212	0.788974	0.943106	-1.06033	0.566222	1.13498	1.13498	0.732309	1.07786	1.07786	0.877514	1.03425	1.03425	0.437947	1.18859	1.18859	0.276358	1.28049	1.28049	0.425824	1.19431	1.19431	0.341787	0.807436	-1.23849	0.614686	0.895085	-1.11721	0.538922	0.406981	0.671268	1
cg05888362	CYTSB;CYTSB	0.812132	0.364797	1.44907	1.44907	0.233594	1.64449	1.64449	0.428628	1.3797	1.3797	0.399588	1.40985	1.40985	0.291323	1.54673	1.54673	0.417781	1.39071	1.39071	0.30841	1.52184	1.52184	0.73966	1.14206	1.14206	0.981327	0.990721	-1.00937	0.538905	1.35413	2.23356	1
cg04767697	HAAO	0.812153	0.806505	0.935602	-1.06883	0.201868	1.4413	1.4413	0.625929	0.875242	-1.14254	0.647258	0.882526	-1.13311	0.49635	1.20604	1.20604	0.831123	1.05964	1.05964	0.331917	1.31196	1.31196	0.588168	1.15986	1.15986	0.653672	0.884704	-1.13032	0.538875	0.627945	1.03581	1
cg12317414	SYNPO2L;SYNPO2L	0.812154	0.333413	0.35994	-2.77824	0.539153	0.529003	-1.89035	0.240421	3.52111	3.52111	0.549704	0.538004	-1.85872	0.662463	0.63773	-1.56806	0.370334	0.389781	-2.56554	0.796899	0.76787	-1.3023	0.617741	0.59733	-1.67412	0.675048	0.649327	-1.54006	0.538874	8.95186	14.7664	1
cg03418552	CADM1;CADM1	0.812162	0.690322	1.22603	1.22603	0.536249	1.37533	1.37533	0.464519	1.46053	1.46053	0.871837	1.08562	1.08562	0.75651	1.17148	1.17148	0.504631	0.708562	-1.41131	0.142585	2.22992	2.22992	0.437827	1.49587	1.49587	0.48731	1.43203	1.43203	0.538862	2.20974	3.64511	1
cg22846741	HIC2	0.812163	0.477578	0.61805	-1.61799	0.628053	1.38448	1.38448	0.777852	1.20741	1.20741	0.172366	0.379883	-2.63239	0.813463	0.854264	-1.1706	0.34488	0.522927	-1.91231	0.770973	0.823237	-1.21472	0.915784	0.931939	-1.07303	0.546583	1.50166	1.50166	0.538861	3.78976	6.25147	1
cg03022575	ULK4	0.812199	0.224617	0.702092	-1.42431	0.948477	1.01808	1.01808	0.340221	1.3133	1.3133	0.466517	0.814271	-1.22809	0.466488	1.22811	1.22811	0.869754	0.955517	-1.04655	0.597041	1.15944	1.15944	0.842806	1.0566	1.0566	0.785644	1.07852	1.07852	0.538809	0.65611	1.0824	1
cg09759260	ITGA2	0.812207	0.749163	0.924009	-1.08224	0.735962	1.08696	1.08696	0.426605	1.22139	1.22139	0.313616	1.29273	1.29273	0.781549	1.07088	1.07088	0.488614	0.840864	-1.18925	0.339372	0.784581	-1.27457	0.539621	1.16532	1.16532	0.63409	0.888576	-1.1254	0.538799	0.517942	0.854481	1
cg18865796	TMEM205;CCDC159;TMEM205;CCDC159;TMEM205	0.812209	0.793622	1.07149	1.07149	0.448762	0.816023	-1.22546	0.985458	0.995211	-1.00481	0.960864	1.01301	1.01301	0.426761	0.807569	-1.23828	0.7173	1.1005	1.1005	0.132406	0.652032	-1.53367	0.695708	1.10907	1.10907	0.813639	1.06417	1.06417	0.538795	0.591938	0.976563	1
cg21792144	MRPL48	0.812212	0.685057	0.945486	-1.05766	0.479821	1.10379	1.10379	0.574779	1.08105	1.08105	0.596898	0.929251	-1.07614	0.789241	1.03752	1.03752	0.67273	0.943263	-1.06015	0.333117	0.871748	-1.14712	0.521375	1.09347	1.09347	0.293416	1.16164	1.16164	0.538791	0.161283	0.266082	1
cg13659252	LCN15	0.812222	0.416567	0.734982	-1.36058	0.816678	1.08993	1.08993	0.838501	0.927112	-1.07862	0.258966	0.646126	-1.54769	0.287701	0.664072	-1.50586	0.859543	1.06789	1.06789	0.286053	0.663071	-1.50813	0.462796	0.757922	-1.3194	0.834938	1.08045	1.08045	0.538776	1.17354	1.93614	1
cg22906397	RAPGEF2	0.812227	0.739867	1.28702	1.28702	0.969635	0.971586	-1.02924	0.957029	0.960018	-1.04165	0.306058	0.448206	-2.23112	0.284333	2.32154	2.32154	0.725353	1.30617	1.30617	0.614123	1.46961	1.46961	0.292814	2.28517	2.28517	0.637845	0.698344	-1.43196	0.538769	4.89323	8.0731	1
cg10588276	ARHGAP26;ARHGAP26	0.81223	0.849153	1.08539	1.08539	0.422246	0.702726	-1.42303	0.270475	0.610319	-1.63849	0.840342	1.09068	1.09068	0.345079	1.51968	1.51968	0.422447	1.4228	1.4228	0.614334	1.24441	1.24441	0.625567	1.2357	1.2357	0.995819	1.00226	1.00226	0.538765	1.58029	2.60727	1
cg14075934	SATB2	0.812248	0.7984	0.906843	-1.10273	0.309367	1.4947	1.4947	0.640246	1.19702	1.19702	0.755414	1.1268	1.1268	0.422883	0.731435	-1.36718	0.632564	0.831906	-1.20206	0.573538	1.24269	1.24269	0.384189	1.4062	1.4062	0.434574	0.737415	-1.35609	0.53874	1.24543	2.05489	1
cg05242945	RPSA;RPSA	0.81225	0.794297	0.831262	-1.20299	0.247467	0.425182	-2.35193	0.180795	0.366033	-2.732	0.780599	1.21834	1.21834	0.974804	1.02259	1.02259	0.690596	1.32708	1.32708	0.967704	1.02905	1.02905	0.679539	1.34151	1.34151	0.638734	1.39716	1.39716	0.538736	4.26825	7.04241	1
cg22090271	BOC	0.812274	0.5879	0.848016	-1.17922	0.658743	0.874655	-1.14331	0.139925	0.619676	-1.61375	0.720186	1.11448	1.11448	0.402525	0.772482	-1.29453	0.547018	0.832238	-1.20158	0.584637	1.18096	1.18096	0.947707	1.01996	1.01996	0.627365	0.862947	-1.15882	0.538702	0.774633	1.27819	1
cg18100425	PDE4C;PDE4C	0.812275	0.335606	0.701805	-1.4249	0.764498	1.1131	1.1131	0.379401	0.725	-1.37931	0.298675	0.68102	-1.46838	0.347194	0.70808	-1.41227	0.841345	1.07409	1.07409	0.471064	0.769918	-1.29884	0.518609	0.79186	-1.26285	0.671439	1.16435	1.16435	0.538701	1.08509	1.79046	1
cg00706396	RELT;RELT;RELT	0.812277	0.996255	1.0014	1.0014	0.320008	0.736726	-1.35736	0.327353	1.35072	1.35072	0.68165	1.13048	1.13048	0.601712	0.855062	-1.16951	0.848292	0.944647	-1.0586	0.363492	1.32007	1.32007	0.969029	1.01161	1.01161	0.384209	1.30381	1.30381	0.538698	0.754284	1.24462	1
cg27291080	MANEAL;MANEAL	0.812282	0.329203	0.554928	-1.80204	0.248876	2.02359	2.02359	0.92427	1.05718	1.05718	0.836493	1.12846	1.12846	0.961569	1.02858	1.02858	0.678996	1.27554	1.27554	0.934186	1.04949	1.04949	0.923259	0.94521	-1.05797	0.219364	2.1284	2.1284	0.538691	2.91799	4.81495	1
cg03908526	TBC1D16	0.812313	0.699878	0.810519	-1.23378	0.401248	1.59356	1.59356	0.215442	2.02818	2.02818	0.93358	0.955799	-1.04625	0.309751	0.565482	-1.7684	0.895678	0.931322	-1.07374	0.598157	1.33437	1.33437	0.772276	0.854381	-1.17044	0.788403	1.15707	1.15707	0.538646	2.50937	4.14104	1
cg10911865	MIR564;TMEM42	0.812314	0.447987	0.58163	-1.71931	0.755611	0.803484	-1.24458	0.120041	0.306708	-3.26043	0.919288	1.07361	1.07361	0.556217	0.658957	-1.51755	0.928804	0.939295	-1.06463	0.895836	0.912294	-1.09614	0.551893	1.52467	1.52467	0.697527	1.31483	1.31483	0.538645	4.18948	6.9136	1
cg24431193	FLRT1;MACROD1	0.812317	0.148241	0.579081	-1.72687	0.641885	1.17937	1.17937	0.492177	1.27856	1.27856	0.991915	0.996437	-1.00358	0.702608	1.14469	1.14469	0.537177	0.802432	-1.24621	0.825331	0.925094	-1.08097	0.530718	1.2507	1.2507	0.99206	1.00351	1.00351	0.538641	1.05856	1.74688	1
cg15431137	MEGF11	0.812323	0.44322	1.50508	1.50508	0.847243	1.10612	1.10612	0.337397	1.67738	1.67738	0.546409	1.37605	1.37605	0.647092	1.2726	1.2726	0.238986	1.90585	1.90585	0.181034	2.10156	2.10156	0.361453	1.6333	1.6333	0.53687	1.38685	1.38685	0.538632	2.33316	3.85035	1
cg21605021	VPS29;RAD9B;VPS29	0.812324	0.928802	1.06734	1.06734	0.70994	0.761525	-1.31315	0.835718	0.859488	-1.16348	0.547832	1.55812	1.55812	0.636839	0.706959	-1.41451	0.12224	3.39171	3.39171	0.887036	0.901543	-1.10921	0.514374	0.617451	-1.61956	0.771159	1.23697	1.23697	0.538631	4.536	7.48565	1
cg23963153	DNAH7	0.812334	0.920556	0.961882	-1.03963	0.521265	0.776256	-1.28823	0.715121	0.866923	-1.1535	0.513249	0.772361	-1.29473	0.846632	1.07836	1.07836	0.912272	1.04387	1.04387	0.0847697	0.475863	-2.10145	0.938455	1.03054	1.03054	0.981058	1.00929	1.00929	0.538616	1.29467	2.13662	1
cg26206461	TK1;TK1;AFMID;AFMID;AFMID	0.812346	0.78353	0.960693	-1.04091	0.524271	1.09852	1.09852	0.386211	1.13808	1.13808	0.803661	1.03694	1.03694	0.736077	1.05049	1.05049	0.324058	1.15986	1.15986	0.31063	1.16505	1.16505	0.538633	1.09489	1.09489	0.172646	1.23534	1.23534	0.538599	0.180872	0.298506	1
cg25251621	RASGEF1C	0.812356	0.831592	0.948009	-1.05484	0.707032	0.909683	-1.09928	0.450298	1.2127	1.2127	0.750098	1.08341	1.08341	0.718981	1.09482	1.09482	0.583939	1.14873	1.14873	0.201356	1.40254	1.40254	0.33707	1.28163	1.28163	0.27119	1.33268	1.33268	0.538584	0.536146	0.884865	1
cg21834982	DYNC1H1	0.812361	0.760014	1.33223	1.33223	0.321697	2.60789	2.60789	0.137109	4.47848	4.47848	0.705789	1.42632	1.42632	0.471263	1.98605	1.98605	0.967394	0.962452	-1.03901	0.579482	1.6889	1.6889	0.703727	1.43009	1.43009	0.271573	2.92007	2.92007	0.538577	7.47752	12.3412	1
cg14244674	COBRA1	0.812363	0.34979	0.720614	-1.38771	0.583397	0.828158	-1.2075	0.776896	1.10155	1.10155	0.292147	0.689297	-1.45075	0.996966	0.998706	-1.0013	0.493853	0.789357	-1.26685	0.328911	1.40922	1.40922	0.522706	0.802087	-1.24675	0.64459	0.853737	-1.17132	0.538574	0.988563	1.63157	1
cg03227128	EBF4	0.812378	0.882818	0.974015	-1.02668	0.630161	0.91704	-1.09046	0.214524	0.79195	-1.26271	0.662658	1.08151	1.08151	0.610733	0.912436	-1.09597	0.45583	0.87321	-1.1452	0.546141	0.8967	-1.1152	0.771147	1.05344	1.05344	0.356922	1.18428	1.18428	0.538553	0.271789	0.448591	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs.N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg12780864	C5orf19	0.812383	0.837368	1.05338	0.125338	1.159188	0.45261	1.46361	0.926827	1.02348	0.32838	1.272628	-1.29428	0.880366	0.962562	1.03889	0.808775	0.96835	-1.03268	0.544374	0.856367	1.16272	0.824803	0.945511	-1.05763	0.608501	1.14282	0.538547	0.544721	0.899079	1
cg18863595	GRM7;GRM7;GRM7;GRM7	0.812396	0.375437	1.34641	1.34641	0.900185	0.9598	-1.04188	0.18013	1.5927	1.5927	0.397096	0.753121	-1.32781	0.902671	0.959834	-1.04185		0.979123	0.991481	-1.00859	0.982956	1.00701	1.07701	0.77371	1.09885	1.09885	0.421003	1.30839	1.30839	0.538528	0.911889	1.50516	1
cg07506153	EBF3	0.812414	0.970279	1.05783	1.05783	0.208378	0.135167	-7.39827	0.388691	3.79234	3.79234	0.818684	1.41406	1.41406	0.93749	1.12564	1.12564		0.576728	2.34165	2.34165	0.396288	0.2696622	-1.70889	0.645107	2.01329	2.01329	0.636816	2.04957	2.04957	0.538502	19.4175	32.0519	1
cg13078421	GNG7	0.812414	0.323249	0.471909	-2.11905	0.279633	0.28685	-2.28685	0.767985	1.24327	1.24327	0.884496	1.03081	1.03081	0.25838	0.419738	-2.38218		0.751956	0.79185	-1.26267	0.857111	0.875765	-1.14186	0.929552	0.930958	-1.06725	0.567252	0.653356	-1.53056	0.585502	4.62648	7.62489	1
cg06216168	FOXP1	0.81242	0.927135	1.0396	1.0396	0.795394	1.11667	1.11667	0.666676	0.831935	-1.20202	0.736251	1.15419	1.15419	0.739138	0.867802	-1.15234		0.719217	1.16567	1.16567	0.120087	0.20429	2.04629	2.96546	1.58342	1.58342	0.942425	1.03115	1.03115	0.538493	1.53777	2.5384	1
cg10608800	C17orf62;C17orf62;C17orf62;C17orf62	0.812423	0.639431	1.20931	1.20931	0.931888	1.42375	1.42375	0.638212	1.23016	1.23016	0.572508	1.794783	-1.23521	0.454029	0.735503	-1.35958		0.960674	0.980336	-1.02006	0.343793	0.611911	-1.63422	0.748637	0.878466	-1.13824	0.535543	1.2875	1.2875	0.538488	1.383445	2.28367	1
cg06252876	AIFM1;AIFM1;AIFM1;AIFM1	0.812425	0.752246	0.490475	-2.03884	0.462529	0.185949	-5.37782	0.877811	1.41352	1.41352	0.222684	17.8587	17.8587	0.708544	2.32724	2.32724		0.780103	0.532818	-1.87681	0.58552	3.45116	3.45116	0.310643	0.0944428	-10.5884	0.693932	2.43432	2.43432	0.538485	43.1534	71.2342	1
cg21152077	SPIB	0.81243	0.840864	1.18918	1.18502	0.849126	1.15002	1.15002	0.282982	0.977969	-1.29251	0.474184	1.18234	1.18234	0.570444	1.14008	1.14008		0.454909	1.19132	1.19132	0.731756	1.08728	1.08728	0.623525	0.892384	-1.12009	0.66365	1.10659	1.10659	0.538479	0.451163	0.744753	1
cg09012475	ARMC8;ARMC8;ARMC8	0.812433	0.459254	0.6665 19	-1.50033	0.45387	0.064406	-1.5051	0.813099	0.880284	-1.136	0.736419	0.833704	-1.19947	0.395191	0.62575	-1.59808		0.441752	0.655544	-1.52545	0.206771	0.488291	-2.04796	0.364532	0.534687	-1.87025	0.271291	0.539792	-1.85256	0.538474	2.4718	4.08034	1
cg19712601	PCDHB;PCDHB	0.812439	0.959145	1.02686	1.02686	0.383666	0.628581	-1.59089	0.541117	0.726052	-1.37731	0.65354	1.26338	1.26338	0.680044	1.23227	1.23227		0.445826	0.668887	-1.49502	0.791077	1.14727	1.14727	0.197945	2.0221	2.0221	0.881619	1.08016	1.08016	0.538466	2.28354	3.76962	1
cg19930314	TRRAP	0.812441	0.470727	1.13138	1.13138	0.545415	0.88988	1.12604	0.644376	1.12604	1.12093	0.202389	0.733305	1.20536	1.20536	0.910625	1.20536		0.93519	1.05663	1.05663	0.108732	1.37036	1.37036	0.427229	1.7315	1.7315	0.946405	0.955487	0.104659	0.538463	3.91264	6.45845	1
cg19676835	GAP43;GAP43	0.812443	0.571182	0.861953	-1.16016	0.648822	0.887142	-1.12722	0.834001	0.946982	-1.05599	0.562473	1.13756	1.13756	0.861445	1.04639	1.04639		0.81773	0.941816	-1.06176	0.152252	0.67161	-1.48896	0.511189	0.841159	-1.18884	0.307656	0.760247	-1.31536	0.538461	0.574619	0.948579	1
cg00582732	GRM7;GRM7	0.812446	0.545235	0.695656	-1.44931	0.91712	1.07056	0.775781	0.829414	-1.20567	0.319195	1.25139	1.25139	0.678606	0.761151	-1.3138			0.489028	1.59158	1.59158	0.562236	0.54152	-1.84665	0.272017	2.11465	2.11465	0.418213	0.581764	-1.71881	0.538456	3.659443	6.03937	1
cg08636111	NFIX	0.812448	0.760255	-1.34038	0.970931	1.01842	1.28685	1.28685	0.767985	1.24327	1.24327	0.884496	1.03081	1.03081	0.25838	0.419738	-2.38218		0.757855	0.553502	-1.80668	0.352831	0.619441	-1.61436	0.280875	0.570356	-1.75329	0.636222	1.26958	1.26958	0.538453	2.14015	3.533	1
cg12496355	KIRREL3;KIRREL3	0.812478	0.518967	0.838456	-1.19267	0.688341	0.307876	-3.11478	0.235544	1.39796	1.39796	0.711909	0.905535	-1.10432	0.900102	0.966692	-1.03446		0.590171	1.15781	1.15781	0.27252	1.3604	1.3604	0.56567	1.1694	1.1694	0.663168	1.12536	1.12536	0.538365	0.904039	0.61927	1.02239	1
cg23505145	KLF1	0.812487	0.75	1.33333	1.33333	0.372627	0.75	1.33333	0.588158	1.26221	1.26221	0.695237	0.917785	-1.08958	0.781083	1.06256	1.06256		0.596222	0.842099	-1.18746	0.242009	1.11511	1.11511	0.561172	0.879719	-1.13673	0.802857	0.970181	-1.02978	0.561987	0.33779	0.577309	1
cg24976335	SCAMP1	0.81251	0.883874	1.16477	1.16477	0.797642	1.30753	1.30753	0.787279	0.75407	-1.32654	0.950589	1.06681	1.06681	0.422212	0.425031	-2.35277		0.504357	0.493092	-2.02802	0.562901	1.84123	1.84123	0.350322	2.72717	2.72717	0.21971	3.84528	3.84528	0.538365	9.28658	15.333	1
cg03491824	EKC2;KLC1	0.812515	0.412207	0.559264	-1.78806	0.838853	1.15163	1.15163	0.565373	0.581442	-1.71484	0.532635	1.54985	1.54985	0.144914	0.537777	-2.96053		0.989316	1.00933	1.00933	0.80074	1.1845	1.1845	0.758456	0.807481	-1.23842	0.668033	0.741492	-1.34863	0.538357	4.00793	6.76615	1
cg21896267	INTS1	0.812521	0.649428	0.833085	-1.20036	0.401834	0.710779	-1.40691	0.532648	1.28686	1.28686	0.687174	0.850828	-1.17533	0.156577	0.532448	-1.83072		0.593831	0.8067	-1.23962	0.680725	1.17952	1.17952	0.59176	0.805709	-1.24114	0.542932	0.782121	-1.27858	0.538348	1.375	2.24186	1
cg24234984	ITGB1;ITGB1;ITGB1;ITGB1;ITGB1	0.812531	0.460703	0.779919	-1.28218	0.39329	1.33565	1.33565	0.702578	0.880756	-1.13539	0.765864	1.10389	1.10389	0.327981	1.39679	1.39679		0.872316	0.948159	-1.05468	0.314622	1.4108	1.4108	0.460345	1.28245	1.28245	0.500441	1.25402	1.25402	0.538334	0.939917	1.54207	1
cg22996129	HEXIM1;HEXIM1	0.81254	0.576687	0.920733	-1.08609	0.183192	0.813172	-1.22975	0.933203	0.987799	-1.01235	0.424653	0.887454	-1.12682	0.989376	1.00195	1.00195		0.652589	1.06852	1.06852	0.473744	0.898798	-1.1126	0.562897	0.91791	-1.08943	0.473374	1.1127	1.1127	0.538322	0.182832	0.301896	1
cg27298559	PTPN2;TMEM49	0.812552	0.506194	1.45548	1.45548	0.977753	0.873144	1.44549	0.542974	1.44549	1.44549	0.744754	1.44854	1.44854	0.324554	1.40428	1.40428		0.41816	1.2039	1.2039	0.407704	0.683753	-1.46683	0.553273	0.128611	1.28611	0.694541	0.802058	-1.24598	0.538305	0.26991	4.55921	1
cg00084202	TSNARE1	0.812553	0.269506	0.569073	-1.75724	0.660348	1.24209	1.24209	0.885844	0.931996	-1.07297	0.475053	0.700391	-1.42777	0.199515	0.514513	0.94359		0.486467	0.707037	-1.41435	0.471796	0.698487	-1.43167	0.38883	0.648577	-1.54184	0.726066	0.841598	-1.18822	0.538303	2.04916	3.38374	1
cg08082351	DLGAP2	0.812559	0.309995	1.24022	1.24022	0.532979	0.854026	-1.17092	0.54501	0.858809	-1.16541	0.602071	1.14049	1.14049	0.311523	1.29904	1.29904		0.404377	1.23763	1.23763	0.328077	1.28892	1.28892	0.692023	1.1046	1.1046	0.804004	1.0641	1.0641	0.538294	0.532331	0.879042	1
cg12861094	RAPGEF1	0.812561	0.534272	0.8509	0.85091	0.36643	0.596037	-1.67754	0.644958	0.837283	-1.19385	0.544658	1.27155	1.27155	0.244311	1.25183	1.25183		0.596222	0.80301	-1.24524	0.31456	0.560327	-1.78467	0.385666	0.654005	-1.52906	0.455162	0.564214	-1.77213	0.538292	2.6513	4.37813	1
cg16261737	FN1;FN1;FN1;FN1;FN1;FN1	0.812561	0.518839	0.655048	-1.52661	0.838919	1.14072	1.14072	0.684615	1.30231	1.30231	0.170618	0.389125	-2.56987	0.527381	0.660862	-1.51317		0.776271	0.831689	-1.20237	0.921417	1.06591	1.06591	0.592471	1.41834	1.41834	0.448954	1.64725	1.64725	0.538291	3.56705	5.89034	1
cg25389261	BMP6	0.812562	?	?	?	?	?	?	?	1.60614	1.60614	0.821828	1.32034	1.32034	0.594253	1.4811	1.4811		0.451719	0.53046	-1.87601	?	?	?	0.854402	2.57306	2.57306	0.205805	?	?	0.538295	0.445537	1	
cg01766957	REEP1;REEP1;REEP1	0.812583	0.491401	1.44698	1.44698	0.701334	0.815685	-1.22596	0.574197	0.740714	-1.35005	0.990538	1.00629	1.00629	0.710591	1.2178	1.2178		0.686729	2.39005	2.39005	0.118821	2.44745	2.44745	0.501554	2.4342	2.4342	0.860163	1.09771	1.09771	0.538326	2.38267	3.93477	1
cg10910267	TANC2	0.812589	0.39882	1.57628	1.57628	0.953428	1.03125	1.03125	0.371614	1.62138	1.62138	0.482727	1.4562	1.4562	0.216282	1.98475	1.98475		0.296902	1.7678	1.7678	0.251424	1.87996	1.87996	0.555627	1.36894	1.36894	0.753318	1.18068	1.18068	0.538251	2.3659	3.90714	1
cg20884110	SYNE1;SYNE1;SYNE1;SYNE1	0.812601	0.156315	1.94868	1.94868	0.911008	0.961638	1.01968	0.665868	0.855785	-1.16852	0.665857	1.45657	1.45657	0.216471	1.55992	1.55992		0.362117	1.52743	1.52743	0.194004	1.70946	1.70946	0.138138	0.985742	1.01959	0.991952	-1.00811	0.843974	1.09446	1.09446	0.138157	1.74306	2.87865	1
cg01500920	UTP3	0.812634	0.261864	2.46193	2.46193	0.475113	0.74939	1.74939	0.865341	1.1394	1.1394	0.177543	0.314959	3.014459	0.289218	2.33298	2.33298		0.899978	1.10167	1.10167	0.800325	0.822702	-1.21551	0.998507	0.998647	-1.00136	0.763379	1.26174	1.26174	0.538187	0.50432	0.834789	1
cg26320722	CBY1	0.812645	0.378482	1.45548	1.45548	0.977753	0.873144	1.44549	0.542974	1.44549	1.44549	0.744754	1.44854	1.44854	0.324554	1.40428	1.40428		0.408861	1.2354	1.2354	0.401961	0.912577	-1.0958	0.548435	0.922328	-1.08445	0.579241	1.0051	1.0051	0.538185	0.604472	0.915857	1
cg12910641	NTSR1	0.812636	0.985078	0.993898	-1.00614	0.762302	0.905499	-1.10436	0.545073	1.22193	1.22193	0.989981	1.00412	1.00412	0.274961	0.689565	-1.45019		0.599496	0.840799	-1.18934	0.254477	0.677476	-1.47607	0.257028	0.679013	-1.47273	0.970335	1.01224	1.01224	0.538183	0.912794	1.50761	1
cg21682034	TMEM148;TMEM148	0.812678	0.366041	0.836478	-1.19549	0.545172	0.889237	-1.12494	0.892137	1.02643	1.02643	0.939356	1.01474	1.01474	0.668539	0.920524	-1.08634		0.373885	0.83904	-1.19184	0.112532	0.713773	-1.39398	0.942373	0.962443	-1.03902	0.937032	0.984924	-1.01531	0.538124	0.315054	0.520415	1
cg18854791	MRPL54;AIPBA3	0.812679	?	?	?	?	?	?	?	0.845058	0.845058	0.50717	?	?	?	?	?		?	?	?	?	?	?	?	?	?	?	0.538302	0.615187	2.96664	2.96664	0.422421	13.3095	18.9045	1
cg04327525	PRKG1;PRKG1-CHROL1;CHROL1;CHRDL1;CHR	0.812695	0.810514	0.956928	-1.04501	0.754415	0.944104	-1.05921	0.235037	1.25625	1.25625	0.538846	1.12081	1.12081	0.582738	1.10705	1.10705		0.558538	0.897233	-1.11454	0.715953	1.06928	1.06928	0.333306	1.20072	1.20072	0.346932	1.19426	1.19426	0.5381	0.286319	0.472972	1
cg10754833	DL1;CHROL1;CHRDL1	0.812701	0.385642	0.189333	-5.2817	0.328881	0.151437	-6.60339	0.23635	0.0973292	-10.2744	0.542223	3.16503	3.16503	0.95164	1.1197	1.1197		0.692255	0.476091	-2.10044	0.940818	1.14845	1.14845	7	?	?	0.933043	0.855007	-1.16958	0.516672	24.7432	41.9035	1
cg04962738	CHOT;CHOT;CHOT;TP53TG1	0.812707	0.865998	0.966932	-1.0342	0.917286	1.0209	1.0209	0.928176	1.01811	1.01811	0.789761	1.05465	1.05465	0.974443	1.0064	1.0064		0.741396	0.936189	-1.06816	0.0740472	0.672748	-1.48644	0.816123	1.0421	1.0421	0.905868	1.02383	1.02383	0.538082	0.337844	0.558104	1
cg18872420	SPTLC2	0.812722	0.270822	1.36882	1.36882	0.731435	0.512155	-1.94715	0.346355	1.12536	1.12536	0.244742	0.889755	-1.12404	0.334983	1.26224	1.26224		0.813591	1.28523	1.28523	0.296364	1.27121	1.27121	0.364538	1.51244	1.51244	0.792708	1.26708	1.26708	0.538063	0.88404	1.11725	1
cg14222752	TOR1B	0.81273	0.587444	0.791104	-1.26406	0.144977	0.511926	-1.95341	0.978514	1.01159	1.01159	0.656758	0.825867	-1.21085	0.318811	0.64357	-1.55383		0.839275	0.916797	-1.09075	0.706309	1.17596	1.17596	0.675758	1.19714	1.19714	0.505097	0.748739	-1.33548	0.538049	1.55926	2.57598	1
cg20146165	MAF8	0.812734	0.599795	0.817902	0.817902	0.48233	1.3209	1.3209	0.604311	1.30001	1.30001	0.809344	1.48632	1.48632	0.127157	1.74896	1.74896		0.704721	1.3583	1.3583	0.615437	1.39044	1.39044	0.240919	1.74537	1.74537	0.550573	1.36369	1.36369	0.538044	0.896392	1.24857	1
cg04553307	C7orf20	0.812741	0.874121	1.10321	1.10321	0.196862	1.32877	1.32877	0.327523	1.8705	1.8705	0.89095	0.917903	-1.08944	0.40319	0.588602	-1.69894		0.951025	1.03879	1.03879	0.560953	0.700664	-1.42722	0.687062	1.28519	1.28519	0.870132	0.903595	-1.10669	0.538033	3.27093	5.40392	1
cg22402853	SMARCD1;SMARCD1	0.812745	0.180104	0.4077	-2.45247	0.406469	0.622998	-1.60565	0.403844	0.745189	-1.34194	0.573111	0.821978	-1.21658	0.515858	0.797047	-1.25463		0.898118	0.92137	-1.08534	0.660799	0.722366	1.38439	0.560276	0.842744	1.18703	0.661391	0.693271	1.44231	0.612658	0.553611	1.80671	0.538268	5.75379	1
cg16703148	SLC15A2;SLC15A2	0.812753	0.757887	1.12722	1.12722	0.744158	0.707481	1.41347	0.357022	1.40142	1.40142	0.740741	1.12558	1.12558	0.31998	0.687786	-1.45344	0.965908	0.98489	-1.01534	0.713853	0.722372	1.38433	0.538017	0.188153	1.78685	1
cg05583240	ALDH1L2;ALDH1L2	0.812762	0.9732	0.98926	-1.01086	0.243087	0.674042	-1.48359	0.875856	1.01514	1.01514	0.305639	1.40629	1.40629	0.99255	1.00301	1.00301		0.95418	0.9817	-1.01864	0.498222	0.801705	-1.24734	0.648288	1.15907	1.15907	0.39254	1.32519	1.32519	0.538004	0.880382	1.45457	1
cg22714422	HDAC4	0.812777	0.207356	0.695833	-1.43768	0.31503	0.911008	0.961638	1.01968	0.665868	0.855785	-1.16852	0.665857	1.45657	1.45657	0.216471	1.55992	1.55992	0.362117	1.52743	1.52743	0.194004	1.70946	1.70946	0.138138	0.985742	1.01959	1.00811	0.843974	1.09446	1.09446	0.138157	1.74306	2.87865	1
cg26901676	C11orf46	0.812793	0.245737	0.683632	-1.46278	0.402796	0.764729	-1.30765	0.460856	0.790411	-1.26556	0.791706	0.920424	-1.08646	0.235953	0.677679	-1.47563		0.30936	0.719226	-1.39038	0.828675	0.934359	-1.07025	0.718983	1.11985	1.11985	0.61369	0.852594	-1.17289	0.537959	0.863206	1.38169	1
cg26755539	TNNMT1	0.812798	0.274303	0.624513	-1.21475	0.409939	1.15502	1.15502	0.749432	1.09633	1.09633	0.245419	0.812385	-1.23094	0.867622	0.971915	-1.0289		0.847578	1.0146	1.0146	0.583121	1.09971	1.09971	0.918649	1.01763	1.01763	0.721855	1.06304	1.06304	0.537952	0.240198	0.421564	1
cg00926889	CENPM;CENPM	0.812801	0.727808	0.842692	-1.18707	0.7044	0.943834	-1.05951	0.553584	1.07502	1.07502	0.417546	1.13387	1.13387	0.607451	1.08175	1.08175		0.811606	1.03688	1.03688	0.745949	0.89613	-1.11591	0.554832	1.07062	1.07062	0.387592	1.1438	1.1438	0.537933	0.195942	0.323777	1
cg20775212	GSTI6;GSTI6	0.812817	0.901429	1.02834	1.02834	0.576801	1.13557	1.13557	0.682073	1.09733	1.09733	0.185212	1.37277	1.37277	0.230734	1.32778	1.32778		0.619618	1.11945	1.11945	0.599619	0.88741	-1.12688	0.652068	0.980536	-1.01365	0.731889	0.925714	-1.08025	0.537924	0.433225	0.71588	1
cg05956747	ERICH1	0.812839	0.605128	0.85733	0.85733	0.424154	1.874	1.874	0.440911	1.13001	1.13001	0.809344	1.48632	1.48632	0.127157	1.74896	1.74896		0.640277	1.48615	1.48615	0.264065	1.51302	1.51302	0.240919	1.74537	1.74537	0.550573	1.36369	1.36369	0.538044	0.896392	1.24857	1
cg05927432	GOLSYN;GOLSYN	0.812842	0.767273	1.08193	1.08193	0.369625	1.30042	1.30042	0.591928	1.15439	1.15439	0.743611	0.916601	-1.09099	0.39064	1.26288	1.26288		0.389021	1.26393	1.26393	0.513763	0.838866	-1.19209	0.244374	1.38146	1.38146	0.888999	1.03775	1.03775	0.537889	0.599745	0.991109	1
cg26942128	RPTOR;RPTOR	0.812848	0.878638	0.865154	-1.15586	0.148819	1.4395	1.4395	0.317919	2.6607	2.6607	0.810573	1.25561	1.25561	0.642363	0.641896	-1.55789		0.621525	1.60276	1.60276	0.174315	0.705733	-1.41697	0.622161	0.911214	-1.09735	0.717421	1.09635	1.09635	0.537843	0.769507	1.02604	1
cg23674202	FOXK2	0.812854	0.463118	0.58411	0.58411	0.171714	0.45025	0.45025	0.760275	0.828198	-1.20744	0.518545	1.49651	1.49651	0.685426	0.72851	1.2851		0.588246	0.40287	0.40287	0.622563	0.75348	-1.32743	0.377322	0.743782	0.74782	0.745486	0.452238	0.59754	1.59754	0.537822	0.23198	0.34119	1
cg01907688	SLC2A1	0.812856	0.282273	1.56299	1.56299	0.276442	1.57222	1.57222	0.960731	0.980512	-1.01988	0.35538	1.46229	1.46229	0.645585	0.831023	-1.20334		0.472164	1.33951	1.33951	0.96002	0.980163	-1.02024	0.361138	1.45531	1.45531	0.551505	1.27228	1.27228	0.537868	1.36097	2.24915	1
cg25432997	DVL2	0.812875	0.909063	0.885154	-1.05151	0.549424	1.12779	1.12779	0.437203	1.13001	1.13001	0.809344	1.48632	1.48632	0.127157	1.74896	1.74896		0.640277	1.48615	1.48615	0.264065	1.51302	1.51302	0.240919	1.74537	1.74537	0.550573	1.36369	1.36369	0.538044	0.896392	1.24857	1
cg21997867	MICAL2	0.812879	0.479267	0.727789	-1.37403	0.17924	0.71875	1.87815	0.914131	1.04881	1.04881	0.46459	0.719772	-1.38933	0.433998	1.42288	1.42288		0.856332	0.923059	-1.08335	0.597435	0.790223	-1.26547	0.889944	0.940668	-1.06307	0.976944	0.987314	-1.01285	0.537837	1.66249	2.74762	1
cg11459670	ASB14;ASB14	0.812882	0.668893	0.808681	-1.23668	0.26135	1.963862	1.963862	0.107749	0.740469	-1.35049	0.240669	1.10842	1.10842	0.125508	0.785084	-1.27372	0.589037	0.582115	1.71751	1.71751	0.136202	0.92195	-1.08466	0.888819	-1.12536	0.818717	1.03407	1.03407	0.537814	0.249837	0.388617	1
cg24166295	ZNF704	0.812895	0.287634	0.544262	-1.83735	0.273624	0.533798	-1.87337	0.42271	0.636845	-1.57024	0.657922	0.782282	-1.27831	0.705245	1.23292	1.23292		0.779343	1.856615	-1.16738	0.698614	1.2391	1.2391	0.478782	1.48699	1.48699	0.82029	1.13358	1.13358	0.537813	2.58607	4.27422	1
cg10452588	HLA-DRB1	0.812922	0.960457	0.954071	-1.04814	0.338609	0.311988	-3.01216	0.260578	0.269286	-3.71353	0.488493	0.455283	-2.19644	0.306437	0.306086	-3.26706		0.52914	2.03979	2.03979	0.885104	0.850726	-1.17547	0.376033	0.36213	-2.76144	0.788577	0.740437	-1.35055	0.537775	10.6476	17.5994	1
cg16830861	EEPD1;EEPD1	0.812927	0.756785	0.875033	0.875033	0.424154	1.874	1.874	0.440911	1.13001	1.13001	0.809344	1.48632	1.48632	0.127157	1.74896	1.74896		0.640277	1.48615	1.48615	0.264065	1.51302	1.51302	0.240919	1.74537	1.74537	0.550573	1.36369	1.36369	0.538044	0.896392	1.24857	1
cg16988970	ASB16	0.812939	0.535095	0.749833	-1.33363	0.319433	1.60255	1.60255	0.873152	1.07598	1.07598	0.810161	1.11662	1.11662	0.753141	0.865359	-1.15559		0.775555	0.877197	-1.13999	0.327462	0.629185	-1.58936	0.430136	1.44646	1.44646	0.399333	1.48509	1.48509	0.537751	1.78926	2.95759	1
cg16662160	HIST1H4A	0.812939	0.457733	0.642602	-1.55671	0.237563	1.27564	1.27564	0.782084	1.24705	1.24705	0.929504	1.073	1.073	0.604427	0.705755	-1.41697	0.622161	0.562128	1.6026	1.6026	0.174315	0.705733	-1.41697	0.622161	0.911214	-1.09635	0.717421	0.708558	-1.41132	0.537889	2.76507	4.12604	1
cg16013223	KIF4A	0.812964	0.544412	0.806016	-

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T 537 vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ilmn_1815671	HAPLN1		0.813829		0.584289	0.605759	-1.65082	0.311273	2.5868	2.5868	0.460609	1.97688	0.950002	0.944697	-1.05854	0.394601	0.453364	-2.20574	0.947956	1.06101	1.08101	0.314154	0.388915	-2.57125	0.579341	0.601686	-1.662	0.786173	0.781375	2.2798	0.536475	6.99354	11.5876	1
ilmn_1643315	SALL3		0.831837		0.991696	0.998139	-1.00186	0.55792	1.1119	1.1119	0.115168	1.35882	1.358923	1.003139	0.09379	0.707131	0.949037	-1.0537	0.823293	1.04085	1.04085	0.287177	1.21875	1.21875	0.923002	0.982844	-1.01746	0.850497	1.03435	0.536463	0.272249	0.451101	1
ilmn_1657041	NUAK2		0.81384		0.512459	0.794172	-1.25917	0.425638	0.754107	-1.32607	0.481386	1.2818	1.2818	0.957552	0.01864	1.01864	0.57443	1.21753	1.21753		0.247082	0.657717	-1.52041	0.975446	1.01073	1.01073	0.503259	1.26574	1.26574	0.639551	1.17778	1.17778	0.515646	1.02248	1.69421	1
ilmn_1657659	LOC728743;L12RB2;L12RB2		0.838048		0.679637	1.12075	1.12075	0.635884	1.13991	1.13991	0.504618	1.20453	1.2043	1.044158	0.24043	1.24043	0.299532	1.34139	1.34139		0.688417	1.11703	1.11703	0.692937	1.11512	1.11512	0.323075	1.32344	1.32344	0.126126	1.57518	1.57518	0.516448	0.640458	1.06123	1
ilmn_2015112	SOX4		0.813853		0.283992	0.797096	-1.25455	0.631518	1.10346	1.10346	0.666933	0.915564	-1.09222	0.664423	0.990953	-1.00913	0.671036	0.916634	-1.09095		0.477815	0.863257	-1.1584	0.317169	1.23452	1.23452	0.483371	0.864908	-1.15639	0.472072	0.86154	-1.16071	0.536441	0.352698	0.584424	1
ilmn_2073628	CHST6		0.813855		0.43142	0.928859	-1.07543	0.571546	0.949538	-1.05314	0.514919	0.94195	-1.06163	0.887861	0.987303	-1.01286	0.225336	0.893472	-1.11923		0.956442	1.00496	1.00496	0.489432	1.00556	1.00556	0.813028	1.02169	1.02169	0.221327	0.903566	-1.10673	0.536418	0.0696837	0.115467	1
ilmn_2055837	DAGLA		0.813865		0.608729	0.905073	-1.10488	0.962611	0.990985	-1.0091	0.889574	0.97352	-1.0272	0.396614	1.18257	1.18257	0.817702	1.04197	1.04197		0.261751	1.25368	1.25368	0.778684	1.05594	1.05594	0.74721	0.939436	-1.06447	0.192292	1.30553	1.30553	0.536424	0.317061	0.52539	1
ilmn_2060940	C6orf67		0.813878		0.227563	1.4909	1.4909	0.479722	0.797298	-1.25424	0.865152	0.926103	-1.08104	0.816793	1.07591	1.07591	0.725806	0.894924	-1.11741		0.329568	1.37334	1.37334	0.86076	1.05692	1.05692	0.330674	1.37228	1.37228	0.911629	1.03562	1.03562	0.536405	0.844529	1.39949	1
ilmn_2048296	PGBD5		0.813901		0.859154	1.08501	1.08501	0.64303	1.2391	1.2391	0.637074	1.24395	1.24395	0.910323	0.61965	1.61965	0.390835	1.49761	1.49761		0.231857	1.77888	1.77888	0.256457	1.72303	1.72303	0.453281	1.42039	1.42039	0.300201	1.63744	1.63744	0.536372	1.79237	2.97036	1
ilmn_2139505	GPSM1;GPSM1		0.813901		0.483601	0.733373	-1.36356	0.675763	0.832584	-1.20108	0.924058	0.95932	-1.0424	0.607228	1.25338	1.25338	0.164393	0.524033	-1.90828		0.401821	1.45318	1.45318	0.764345	0.877257	-1.13992	0.536105	0.761163	-1.31378	0.914304	0.954194	-1.048	0.536372	1.61174	2.67102	1
ilmn_2045207	ARHGEF2;ARHGEF2;ARHGEF2		0.813912		0.286686	0.80868	-1.23668	0.45686	0.815865	-1.22615	0.816174	0.792452	-1.26221	0.629521	1.0739	1.0739	0.722284	0.928904	-1.07653		0.74385	1.25779	1.25779	0.56241	1.08704	1.08704	0.869991	1.14944	1.14944	0.44273	0.732181	-1.36557	0.536357	0.515771	0.14435	1
ilmn_1265310	PU.2;PU.2		0.813913		0.189493	0.268816	-3.72002	0.838041	0.240515	-1.21344	0.766281	0.754452	-1.32546	0.702972	1.44639	1.44639	0.617607	1.60924	1.60924		0.213126	0.289579	-3.45329	0.958354	0.951838	-1.5066	0.763675	1.04017	1.04017	0.735472	1.37786	1.37786	0.536355	0.758978	12.5784	1
ilmn_2040766	EGFL7;EGFL7		0.813923		0.504273	1.33503	1.33503	0.781888	1.19472	1.19472	0.978799	1.03314	1.03314	0.527065	1.37004	1.37004	0.279749	0.859099	-1.16408		0.417936	0.662874	-1.50178	0.542634	1.35362	1.35362	0.823479	0.899046	-1.11601	0.195093	0.510035	-1.96065	0.53634	2.65021	3.39786	1
ilmn_2087398	C6orf67		0.813947		?	?	?	0.700252	1.52855	1.52855	0.628397	1.70831	1.70831	0.354762	0.348839	-2.86665	0.447168	0.54527	-1.83497		0.913821	1.12587	1.12587	0.256404	1.28157	-1.73399	0.97335	1.03726	1.03726	0.578515	0.539696	-1.85289	0.510308	8.20362	12.0569	1
ilmn_2276523	ZNF776		0.813958		0.974096	0.982283	-1.01804	0.963571	0.975168	-1.02546	0.291005	1.04507	-1.82809	0.49052	1.47047	1.47047	0.476849	0.671506	-1.48919		0.791564	1.15699	1.15699	0.746035	1.22068	1.22068	0.67842	0.794891	-1.25803	0.201442	0.745819	-2.10164	0.536291	2.57452	4.2672	1
ilmn_2052037	EVL		0.813966		0.540144	1.865273	1.15577	0.556159	1.14901	1.14901	0.731354	0.949883	-1.05264	0.860622	0.919972	-1.08699	0.977508	0.986743	-1.01343		0.246353	0.563337	-1.77514	0.959929	1.56137	1.56137	0.414277	0.673643	-1.48447	0.318469	0.612798	-1.6292	0.536233	1.90309	3.15466	1
ilmn_2040748	ARHGEF12		0.81401		0.930949	1.05115	1.05115	0.792153	0.858974	-1.16418	0.317446	0.551652	-1.81274	0.975343	0.982367	-1.01795	0.152992	0.414402	-2.41311		0.654234	1.29628	1.29628	0.765771	0.842006	-1.18764	0.481778	1.50916	1.50916	0.877468	0.91502	-1.09287	0.536216	2.81375	4.66438	1
ilmn_2042666	2SB;CDC25B		0.814013		0.481478	1.19841	1.19841	0.815798	0.942679	-1.06081	0.834009	1.05452	1.05452	0.537865	1.10792	1.10792	0.301952	1.31065	1.31065		0.30313	0.763519	-1.30973	0.854864	0.954738	-1.04741	0.404376	1.24089	1.24089	0.677528	0.899618	-1.11158	0.536211	0.54343	0.900856	1
ilmn_2040158	ACP6		0.81402		0.943628	1.07033	1.07033	0.76525	0.907503	-1.10224	0.56769	0.84709	-1.18042	0.963063	0.94729	-1.05577	0.642148	0.84709	-1.18042		0.616458	1.62318	1.62318	0.546964	0.9555	-1.04653	0.905316	0.7849	-1.27405	0.407355	1.36933	1.36933	0.232425	1.69216	1.69216	0.100324	1.49833	2.48386	1
ilmn_2058724	ZNF385A;ZNF385A		0.814024		0.869167	0.942789	-1.06068	0.974071	0.988452	-1.01168	0.45474	0.761772	-1.31273	0.809984	1.0899	1.0899	0.939333	0.973165	-1.02758		0.370606	1.38897	1.38897	0.203581	1.61538	1.61538	0.313525	1.45138	1.45138	0.713724	1.14074	1.14074	0.536196	1.08453	1.7979	1
ilmn_2085460	PXDN		0.814036		0.454984	1.84352	1.84352	0.661042	0.70142	-1.42568	0.374382	0.480529	-2.08104	0.195086	3.00882	3.00882	0.607145	1.51718	1.51718		0.724209	0.752204	-1.32943	0.869169	1.14168	1.14168	0.86035	1.15205	1.15205	0.669376	0.708038	-1.41235	0.536179	5.48623	9.09519	1
ilmn_2074875	SLC4A11		0.814049		0.345622	1.86527	1.86527	0.555157	0.556159	1.14901	-1.8062	0.713514	1.34482	0.928474	0.930595	-1.08618	0.708356	0.883819	-1.13142		0.654136	0.589807	-1.69614	-1.17978	0.438978	1.20224	1.20224	0.358383	0.80222	-1.34654	0.685106	1.0998	1.0998	0.536255	0.624411	0.760472	1
ilmn_2060916	C12orf34		0.814069		0.733449	0.795388	-1.25725	0.788696	0.1971	1.1971	0.32147	1.98574	1.98574	0.664241	1.33976	1.33976	0.541133	0.660791	-1.51334		0.520313	0.646341	-1.54717	0.39557	0.558387	-1.79087	0.420675	0.576394	-1.73492	0.506337	1.57079	1.57079	0.536132	3.80856	6.31447	1
ilmn_2098736	ALLC		0.81408		0.350593	1.3744	1.3744	0.14815	0.81322	-1.2303	0.421784	0.23518	2.25318	0.470786	1.09648	1.09648	0.975053	0.715334	-1.39797		0.356204	2.54428	2.54428	0.493728	2.00424	2.00424	0.633348	1.60494	1.60494	0.556116	0.82858	1.61265	1.61265	0.536133	7.54464	12.5064	1
ilmn_2048843	SPP1		0.814086		0.56813	0.817065	-1.22389	0.858523	1.06448	1.06448	0.274211	0.671736	-1.48948	0.964748	1.0156	1.0156	0.557999	0.718194	1.39238		0.356505	0.717412	-1.3939	0.431127	1.32496	1.32496	0.335442	1.17148	1.17148	0.736852	0.888606	-1.12536	0.536107	1.04124	1.72642	1
ilmn_2076565	AP1S1		0.814087		0.755563	0.923882	-1.08239	0.864767	1.04416	1.04416	0.650281	1.12267	1.12267	0.84079	1.05231	1.05231	0.884816	1.03743	1.03743		0.32976	0.77493	-1.29044	0.186648	0.701243	-1.42604	0.309457	0.765939	-1.30559	0.921111	1.02543	1.02543	0.536105	0.545724	0.904838	1
ilmn_2076363	CDKN2AIPNL		0.81409		0.821124	1.24272	1.24272	0.641055	1.16804	1.16804	0.61208	1.07787	1.07787	1.30279	0.355774	1.11637	0.601054	1.08068	1.08068		0.676459	0.92974	-1.07557	0.722228	0.936198	-1.06815	0.741151	0.882489	-1.13307	0.821154	0.827489	-1.20847	0.728241	0.93755	-1.06556	0.536101	0.287779	0.484472	1
ilmn_2039268	ZFPM2		0.814099		0.230272	1.84815	1.84815	0.286909	0.71535	-1.71535	0.819936	0.11769	1.11769	0.412134	1.50562	1.50562	0.870269	1.08303	1.08303		0.329173	1.63466	1.63466	0.298438	1.58555	1.58555	0.742193	1.74719	1.74719	0.536088	2.02182	3.35239	1
ilmn_2048245	GRB2;GRB2		0.814107		0.897604	1.07455	1.07455	0.780962	0.876543	-1.14077	0.478642	0.765555	-1.30624	0.805467	1.04505	1.04505	0.377813	1.17485	1.17485		0.272464	0.807575	-1.23836	0.371506	1.23334	1.23334	0.810677	1.15259	1.15259	0.680675	1.14289	1.14289	0.536077	1.15966	1.64574	1
ilmn_2037443	BEX4;BEX4		0.814114		0.271766	0.171006	-5.84775	0.633428	0.476307	-2.09949	0.784326	0.654749	-1.5273	0.558617	2.49206	2.49206	0.758079	0.620692	-1.61111		0.150259	0.092496	-10.8112	0.821731	0.705829	-1.41677	0.809703	1.45124	1.45124	0.872638	1.28103	1.28103	0.536067	20.2323	33.5485	1
ilmn_2018607	MORN1;RER1;MORN1		0.81412		0.498099	1.52646	1.52646	0.997241	0.997876	-1.00213	0.772276	1.19535	1.19535	?	?	?	?	0.624334	0.738219	-1.35461		0.564501	1.43073	1.43073	0.57883	1.41297	1.41297	0.276975	0.49892	-2.00433	0.358078	1.78813	1.78813	0.514324	2.75937	5.32364	1
ilmn_1734095?	2		0.814129		0.107995	0.272839	-3.66516	0.654138	0.641978	-1.55769	0.6832	0.737937	-1.35513	0.707588	1.32192	1.32192	0.950958	0.955468	-1.04661		0.315667	0.463756	-2.15631	0.861606	0.878767	-1.13796	0.99963	0.999657	-1.00034	0.919132	0.927544	-1.07812	0.536046	4.65708	7.72252	1
ilmn_2084004	SCGB1A1		0.814159		?	?	?	?	0.84548	1.18448	0.967368	0.195318	-5.11987	0.844499	2.36545	2.36545	0.210222	0.670108	-1.49239		0.615568	1.63525	1.63525	0.342727	1.82036	1.82036	0.364127	0.306446	-3.2215	0.607252	1.68401	1.68401	0.662205	0.10902	0.18	0.24
ilmn_2056340	SENP2		0.814175		0.43808	0.510731	-1.95798	0.243197	0.822181	1.82181	0.563843	1.64157	1.64157	0.739495	1.32774	1.32774	0.766872	0.776813	1.28731		0.968156	1.96665	1.03449	0.512933	0.569116	-1.75711	0.330924	2.34478	2.34478	0.832355	0.835211	-1.1973	0.53598	0.12562	10.1589	1
ilmn_2030410	C1orf70		0.814183		0.537315	1.25593	1.25592	0.530363	1.26096	1.26096	0.923386	0.965518	-1.03571	0.578005	1.22754	1.22754	0.161712	0.579769	-1.72483		0.841897	1.07558	1.07558	0.44961	0.754982	-1.32454	0.742921	0.886861	-1.12757	0.946617	1.02473	1.02473	0.535968	1.12968	1.87354	1
ilmn_2030230	FAM32A		0.814201		0.846512	1.03585	1.03585	0.94312	0.94899	-1.05412	0.744122	1.14192	1.14192	0.389855	1.20965	1.20965	0.823253	1.04994	1.04994		0.720926	0.924934	1.08128	0.144809	0.720991	-1.38725	0.931782	1.08171	-1.08185	0.931943	0.402082	0.668098	1
ilmn_2069235	CRAMP1L		0.814211		0.464861	1.25128	1.25128	0.698015	1.12469	1.12469	0.317792	1.31832	1.31832	0.295732	0.721240	-1.38648	0.97308	0.989882	-1.01022		0.75689	0.910663	-1.0981	0.70595	1.12117	1.12117	0.574242	0.842759	-1.18658	0.381787	0.763126	-1.3104	0.535928	0.770906	1.27862	1
ilmn_2150707	METTL11B		0.814219		0.472734	1.26025	1.26025	0.6249	0.64264	-1.55564	0.243087	0.44253	-2.26035	0.107024	2.26035	2.26035	0.245099	0.39604	-2.525		0.834943	0.9108	1.09798	0.223447	0.970505	-2.51449	0.993854	0.514063	-1.94526	0.057628	1.04131	1.04131	0.535916	0.95038	1.75588	1
ilmn_2070241	SCARA3;SCARA3		0.81422		0.625867	1.58053	1.58053	0.636828	0.642061	-1.55748	0.497422	0.526341	-1.89991	0.302767	0.369907	-2.70339	0.796384	0.785922	-1.27239		0.154459	0.241713	-4.13714	0.724277	1.39091	1.39091	0.649087	0.652599	-1.53234	0.996446	1.00016	1.00016	0.535915	7.3668	12.2189	1
ilmn_2058924	C11orf70;C11orf70		0.814233		0.790904	0.816902	-1.16896	0.883861	0.757142	-1.02861	0.818654	0.766154	-1.30669	0.696366	1.07811	1.07811	0.480267	0.871433	-1.14753		0.986568	0.996561	-1.00349	0.997483	1.08055	-1.1615	0.823787	1.07358	-1.07358	0.740568	1.04068	1.04068	0.535895	0.021587	0.157824	1
ilmn_2085715	C8orf22		0.814265		0.876392	1.2243	1.2243	0.88749	0.72119	-1.38706	0.416269	0.89769	-1.11469	0.789054	1.22262	1.22262	0.535726	0.611646	-1.63493		0.580608	0.845677	-1.54876	0.176402	0.829156	-1.20594	0.453286	0.544684	-1.82354	0.178488	0.529348	-1.88955	0.535888	5.21538	8.651	1
ilmn_2062238	FAH		0.814262		0.749059	0.787179	-1.27036	0.607869	1.47095	1.47095	0.848178	1.15362	1.15362	0.158431	0.324922	-3.07766	0.784634	0.815253	-1.22661		0.255666	0.412631	-2.42347	0.496544	0.597649	-1.67322	0.619209	0.688279	-1.4529	0.943853	0.948837	-1.05392	0.535855	4.71836	7.82693	1
ilmn_2273051	PPP1R15B;PPP1R15B		0.814263		0.795384	0.87108	-1.14804	0.879353	0.974462	-1.02587	0.584606	1.4058	1.4058	0.104231	0.330424	-3.02618	0.919418	0.931371	-1.07368	0.98084	1.14004	1.14004	0.956049	1.03949	1.03949	0.967354	1.02907	1.02907	0.958543	1.2307	-1.21761	0.767744	1.20107	1.63257	1.35917	1
ilmn_2036820	KIF25;KIF25		0.814265		0.685783	1.09786	1.09786	0.91213	1.02566	1.02566	0.850106	0.955702	-1.04438	0.760841	1.0906	1.0906	0.308408	0.783118	-1.27691		0.457492	0.84057	-1.18967	0.295053	1.23808	1.23808	0.690631	0.912262	-1.09618	0.391593	0.817517	-1.22322	0.535851	0.447157	0.74176	1
ilmn_2155095	OPCML		0.814268		0.591364	0.707307	-1.41395	0.589792	1.31021	1.31021	0.810225	0.565555	-1.76855	0.338924	0.648429	-1.54155	0.317316	0.166156	1.66156	0.662792	1.01065	1.01065	0.545812	1.1045	1.1045	0.305868	1.68295	1.68295	0.626793	1.21096	0.515261	1.37131	1.38258	0.538267	2.40094	3.39391	1
ilmn_2091986	ETV6		0.814351		0.434051	1.595489	1.595489	0.725795	0.820379	-1.68674	-1.14857	0.938804	1.05986	0.959598	-1.04168	0.885111	1.1021	1.1021	0.695894	1.22314	1.22314	0.240994	1.9204	1.9204	0.218128	1.64884	1.64884	0.545814	1.1091	1.1091	0.511688	1.42472	0.535827	2.40043	3.23644	1.59821	1
ilmn_2036212	VGLL4;VGLL4		0.814292		0.688912	1.1664	1.1664	0.260367	0.638239	-1.56681	0.706429	1.15573	1.15573	0.879944	0.943828	-1.05952	0.895197	0.950838	-1.0517		0.764577	1.12174	1.12174	0.982031	1.00865	1.00865	0.262406	0.639567	-1.56356	0.275025	0.647661	-1.54402	0.535812	1.24155	2.05967	1
ilmn_2048759	ATXN7;ATXN7		0.814333		0.92733	0.979788	1.0215	0.927372	0.82642	-1.20964	0.243087	1.42453	1.42453	0.108377	0.630824	1.58598	0.623298	0.853538	1.17201	1.17201	1.40244	0.710452	0.710452	0.412289	1.12321	1.12321	0.132567	0.534059	1.23556	1.23556	0.535802	0.535802	0.535802	0.535802	1.32567	0.535802	1
ilmn_2078317	CTBP2;CTBP2;CTBP2		0.814345		0.687963	0.767107	-1.3036	0.984637	0.987435	-1.01273	0.44568	1.66615	1.66615	0.774999	1.20708	1.20708	0.797461	1.18398	1.18398		0.864064	0.893572	-1.1191	0.20993	0.419913	-2.38144	0.316459	0.506557	-1.97411	0.547394	1.49158	1.49158	0.535737	3.65913	6.0712	1
ilmn_2011179	GABBR1		0.814379		0.697984	0.870228	-1.14912	0.492817	0.78013	-1.28184	0.409413	0.740265	-1.35087	0.994421	0.997551	-1.0025	0.373124	0.72245	-1.3841		0.989569	0.996581	-1.00418	0.250415	1.53439	1.53439	0.651307	1.18025	1.18025	0.62488	1.19204	1.19204	0.535694	0.07812	1.78985	1
ilmn_2040503	NRBP2		0.814381		0.797452	1.06293	1.06297	0.151795	0.694474	-1.43994	0.420052	1.21605	1.21605	0.783775	0.936775	-1.06749	0.780989	0.935962	-1.06842		0.900537	0.93013	1.03013	0.780336	0.935772	-1.06864	0.338684	0.791224	-1.26386	0.969903	1.009	1.009	0.535685	0.47833	0.793716	1
ilmn_2043412?	SLC37A4;SLC37A4;SLC37A4;SLC37A4;SL C37A4		0.814407		0.394545	1.73642	1.73642	0.317882	1.92189	1.92189	0.143834	2.70137	2.70137	0.322371	1.90957	1.90957	0.961264	0.969734	-1.03121		0.698501	1.27929	1.27929	0.990624	0.992592	-1.00746	0.87836	1.10177	1.10177	0.66499	1.31745	1.31745	0.535647	3.39706	5.63791	1
ilmn_2078159	TUSC1;TUSC1		0.814422		0.536554	0.877902	-1.13908	0.742576	0.933719	-1.07099	0.325675	1.23512	1.23512	0.482391	0.861949	-1.16016	0.800102	0.948574	-1.05421		0.77595	1.06117	1.06117	0.49389	1.23955	1.23955	0.864403	1.15587	1.15587	0.34755	1.22293	1.22293	0.535626	0.367283	0.609518	1
ilmn_2076700?	TMPRSS13;TMPRSS13		0.814426		0.616583	1.15155	1.15155	0.689428	0.749225	0.9549	0.0466	0.946675	-1.05633	0.414078	0.791375	-1.26394	0.816026	0.904357	-1.10543		0.735662	1.39047	1.39047	0.145949	1.28866	1.28866	0.908276	0.932231	-1.0855	0.860709	1.0479	1.0479	0.53562	0.658196	1.09231	1
ilmn_2153025?	C20orf72;SNX5;SNX5		0.814454		0.745076	1.05803	1.05803	0.611187	0.915166	-1.0927	0.688743	0.932745	-1.0721	0.273337	1.21789	1.21789	0.414028	1.15533	1.15533		0.513819	0.891824	-1.1213	0.446791	0.87452	-1.14348	0.477677	0.882648	-1.13295	0.916144	1.01838	1.01838	0.53558	0.253608	0.420906	1
ilmn_2079317	PYROXD2;PYROXD2		0.814462		0.506865	0.46788	-2.1373	0.416532	0.39176	-2.55118	0.28594	0.286158	-3.49018	0.246019	0.254506	-3.92917	0.516253	0.475985	-2.10091		0.387341	0.368101	-2.71665	0.262912	0.268074	-3.73031	0.343219	0.332424	-3.0082	0.564572	0.518659	-1.92805	0.535569	10.7909	17.9097	1
ilmn_2150002	TESC;TESC;TESC		0.814466		0.331996	0.408823	-2.44744	0.211578	1.7158	1.7158	0.745054	1.77158	1.77158	0.164955	0.809227	1.24264	0.782867	0.744902	-1.34272		0.200886	0.19936	-5.01496	0.134312	0.249209	1.22022	1.22022	0.22022	0.17901	0.88124	1.13476	0.535563	1.90468	3.16125	1
ilmn_2053108?	AP3B2		0.814471		0.267501	0.614305	-1.62785	0.715489	1.16698	1.16698	0.283787	1.59956	1.59956	0.746288	0.872024	-1.14676	0.731196	1.15658	1.15658		0.364281	0.67485	-1.48181	0.919991	0.958504	-1.04329	0.635284	1.2233	1.2233	0.832284	0.914427	-1.09358	0.535555	1.5093	2.50506	1
ilmn_2094383	TRAF7;SNORD60		0.814473		0.376283	1.28167	1.28167	0.276151	1.11551	1.11551	0.272466	1.2959	1.2959	0.603514	0.887897	-1.12626	0.624737	0.854629	-1.17009		0.324716	1.2958	1.2958	0.076824	1.10723	1.10723	0.499473	1.09947	1.09947	0.223867	0.90359	1.10639	1.10639	0.535553	0.842785	0.924959	1
ilmn_2075183?	TFEB;TFEB		0.814478		0.831888	1.06478	1.06478	0.849032	0.57088	1.05788	0.538337	0.831975	-1.20196	0.530099	1.20659	1.20659	0.427166	0.78289	-1.27732		0.9074	1.03495	1.03495	0.281701	1.39142	1.39142	0.307443	0.732027	-1.36607	0.695595	1.0805	1.0805	0.535529	1.42733	0.784424	1.22728	1
ilmn_2018594	ZNF613;ZNF613		0.814489		0.427042	0.805122	-1.24205	0.163051	1.48879	1.48879	0.347636	1.29495	1.29495	0.681707	1.11653	1.11653	0.768417	1.08212	1.08212		0.954266	0.984787	-1.01545	0.871093	1.04436	1.04436	0.601372	1.1513	1.1513	0.755653	0.919948	-1.08702	0.535553	0.605946	1.00577	1
ilmn_2084159	SDF4;SDF4		0.814495		0.71264	1.17294	1.17294	0.5	0.809776	1.10597	0.350197	0.741707	1.69579	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1-vs-1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1217 vs. Change(1-vs-217 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5-vs-3537 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5-vs-5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	
cg11303004	CD3EAP;CD3EAP;PPP1R13L;PPP1R13L	0.815163	0.423194	0.838007	-1.19245	0.44871	0.846947	-1.18071	0.937385	1.01705	1.01705	0.682695	0.91536	-1.09247	0.859316	0.962545	-1.03891	0.385672	0.825837	-1.21089	0.548344	1.13961	1.13961	0.245657	1.29858	1.298586	1.030996	1.03096	0.563543	0.391968	0.651777	1
cg11801593	TSC2;2D3;TSC2;2D3;TSC2;2D3;TSC2;2D3	0.815172	0.176469	0.210237	-4.75655	0.501692	0.477102	-2.09599	0.575516	0.541197	-1.84776	0.435646	2.37068	2.37068	0.88546	0.855191	-1.16933	0.314734	0.323593	-3.0903	0.906954	0.880825	-1.1353	0.950988	0.935465	-1.06899	0.909398	1.1315	1.1315	0.534551	9.97163	16.5815	1
cg10365469	KIF25;KIF25	0.815176	0.805327	1.18184	1.18184	0.451652	1.6801	1.6801	0.111294	0.316299	-1.16157	0.907927	1.08143	1.08143	0.447324	1.36515	1.36515	0.901849	1.08706	1.08706	0.870041	1.02612	1.41884	1.41884	0.858009	1.12882	1.12882	0.534545	3.87569	6.44485	1
cg02930242	FGFRL1	0.81518	0.527284	1.58382	1.58382	0.824216	0.852385	-1.17918	0.438408	0.566979	-1.76373	0.840639	0.865422	-1.15553	7	7	7	0.127925	0.306792	-3.25954	0.903131	0.916299	-1.09135	0.863672	0.883928	-1.13131	0.787339	0.823557	-1.21425	0.561788	3.74983	7.25603	1
cg06696911	FBXL1	0.815197	0.499878	2.18185	2.18185	0.19711	4.72732	4.72732	0.199729	4.68003	4.68003	0.403716	2.64686	2.64686	0.471421	2.30373	2.30373	0.396277	2.69017	2.69017	0.425855	2.52518	2.52518	0.676884	1.61189	1.61189	0.721031	1.5045	1.5045	0.534514	10.986	18.2695	1
cg05112926	RNF216;9NF216	0.815198	0.469269	0.752402	-1.51908	0.724961	0.871436	-1.14624	0.718019	1.15041	1.15041	0.665761	1.22283	1.22283	0.714276	0.867534	-1.15267	0.492142	0.763714	-1.30939	0.756961	0.610984	-1.57957	0.636617	1.46638	1.46638	0.659462	0.842533	-1.1869	0.534513	1.26384	2.10175	1
cg02879438	ATP11A;ATP11A	0.815198	0.240263	2.30903	2.30903	0.499934	1.77453	1.77453	0.550815	1.50831	1.50831	0.463461	1.6618	1.6618	0.470144	1.64885	1.64885	0.418721	1.75483	1.75483	0.159721	2.78021	2.78021	0.755335	1.23707	1.23707	0.8907	1.0981	1.0981	0.534512	3.92138	6.52121	1
cg24278036	WDR43	0.815206	0.563081	0.919422	-1.08764	0.973545	0.995246	-1.00478	0.541922	1.09277	1.09277	0.149587	0.800907	-1.24858	0.498152	1.10387	1.10387	0.578103	0.922443	-1.08408	0.899844	1.01826	1.01826	0.665547	1.06449	1.06449	0.897589	0.981667	-1.01868	0.534501	0.17479	0.290681	1
cg01635880	NHSL1	0.815237	0.64236	1.76351	1.76351	7	7	7	0.40961	2.4926	2.4926	0.269309	2.947718	2.947718	0.436857	7	7	0.85565	1.24719	1.24719	7	7	7	0.649138	0.977419	-1.74301	0.867983	0.817259	-1.2236	0.467281	7.25975	20.7149	1
cg05240795	RASSF7;RASSF7;C11orf35;RASSF7	0.81524	0.960576	1.03604	1.03604	0.402328	1.85709	1.85709	0.542393	1.55831	1.55831	7	7	7	0.80707	1.12752	1.12752	0.882421	1.11185	1.11185	0.160579	3.00334	3.00334	0.340627	2.03606	2.03606	0.513156	1.61186	1.61186	0.508366	3.49636	5.15822	1
cg12490428	GAK	0.815245	0.594227	1.36841	1.36841	0.497354	1.49699	1.49699	0.950744	1.05274	1.05274	0.588446	1.28546	1.28546	0.229544	2.04204	2.04204	0.550072	1.42295	1.42295	0.14255	3.31971	3.31971	0.82173	0.418311	1.61966	1.61966	0.752874	1.30433	1.30433	0.534446	2.88017	4.79029	1
cg08219107	CNOT6L	0.815273	0.359512	0.839097	-1.19176	0.37214	0.18604	-1.18604	0.840547	0.963184	-1.03822	0.91771	0.98094	-1.01943	0.644707	0.09031	0.09031	0.3161	0.82448	-1.21289	0.750403	1.06123	1.06123	0.427205	0.859888	-1.16294	0.599604	1.10367	1.10367	0.534406	0.29347	0.488136	1
cg10399719	UBFD1;EAR52;EARS2	0.815279	0.664863	0.844374	-1.18431	0.52166	0.777191	-1.28668	0.932686	0.953984	-1.04853	0.761776	0.559980	-1.78575	0.960694	0.844706	-1.18105	0.649096	1.19457	1.19457	0.595	1.2315	1.2315	0.763102	0.88926	-1.12453	0.450829	1.3474	1.3474	0.534396	1.27482	2.12048	1
cg00042478	ANKH	0.815282	0.944518	0.942764	-1.06071	0.192569	2.21527	2.21527	0.195749	2.08654	2.08654	0.994171	0.993833	-1.00625	0.680437	0.704168	-1.42011	0.504222	0.563308	-1.77523	0.764785	0.779088	-1.28355	0.436755	1.95794	1.95794	0.712474	0.730908	-1.36816	0.534392	0.06959	0.100959	1
cg11515563	SNRNP35;SNRNP35;SNRNP35	0.815303	0.431954	0.784738	-1.27431	0.702226	1.12311	1.12311	0.607815	0.855174	-1.16935	0.68727	1.13011	1.13011	0.609412	0.855779	-1.16853	0.173869	0.645797	-1.54847	0.580401	0.844712	-1.18383	0.972167	0.980511	-1.0106	0.491343	1.23523	1.23523	0.534362	0.773102	1.28602	1
cg13208492	TSN	0.815311	0.280827	0.636342	-1.57148	0.626924	0.820705	-1.21838	0.552926	1.27387	1.27387	0.453866	0.735167	-1.36034	0.528043	1.29407	1.29407	0.941982	1.02979	1.02979	0.260798	0.629155	-1.58943	0.894217	0.947767	-1.05531	0.749758	1.13774	1.13774	0.534351	1.57611	2.28915	1
cg05036892	CABIN1	0.815315	0.348799	2.02281	2.02281	0.886771	1.10907	1.10907	0.812025	0.840451	-1.18984	0.687695	1.34332	1.34332	0.933589	1.06276	1.06276	0.929206	1.937159	-1.06705	0.448622	0.814782	1.22813	0.731397	0.731397	2.89667	2.89667	0.534346	4.51455	7.50999	1
cg10318039	SEMA3D	0.815329	0.886555	1.04103	1.04103	0.544433	0.841293	-1.18865	0.9099	1.0324	1.0324	0.666055	1.13011	1.13011	0.799094	0.930675	-1.07449	0.704642	0.898274	-1.11325	0.981111	0.993353	-1.00669	0.0960764	1.67335	1.67335	0.867837	1.04803	1.04803	0.534326	0.671537	1.11715	1
cg02390115	NBPF3	0.815338	0.691033	1.33702	1.33702	0.539048	0.615594	-1.61936	0.822637	1.16704	1.16704	0.128641	1.31043	1.31043	0.859222	0.871909	-1.1834	0.938909	0.947148	-1.0556	7	7	7	0.483077	0.606404	-1.64907	0.777189	0.842985	-1.22261	0.516559	3.64552	7.06507	1
cg24608218	BASP1	0.815357	0.173582	0.645537	-1.54912	0.848829	1.05938	1.05938	0.784859	0.920606	-1.08624	0.403652	0.772332	-1.29478	0.658899	0.874331	-1.14373	0.48041	0.805056	-1.24215	0.213763	0.679176	-1.4855	0.490908	0.809351	-1.23556	0.620541	0.859961	-1.16284	0.534285	0.77331	1.28655	1
cg04782024	TMEM120A	0.815387	0.855006	1.06055	1.06055	0.447173	0.972724	-1.44358	0.813789	1.12036	1.12036	0.588446	1.28546	1.28546	0.229544	2.04204	2.04204	0.619323	1.26785	1.26785	0.850905	0.939228	-1.08787	0.967254	1.01964	1.01964	0.711927	1.19215	1.19215	0.534242	1.89991	3.16112	1
cg05045598	ACOT7;ACOT7;ACOT7;ACOT7	0.81539	0.892648	1.06827	1.06827	0.193335	1.96048	1.96048	0.366373	0.635174	-1.57437	0.863339	0.919196	-1.08791	0.88484	0.931575	-1.07345	0.340038	1.61753	1.61753	0.896682	1.0656	1.0656	0.523275	1.37215	1.37215	0.864124	0.919645	-1.08738	0.534237	2.02379	3.36728	1
cg00693004	NMT1	0.815411	0.549192	1.49365	1.49365	0.662072	0.747409	-1.33796	0.325728	1.95769	1.95769	0.41879	1.72794	1.72794	0.73634	0.799539	-1.25072	0.591517	1.43136	1.43136	0.463039	1.63971	1.63971	0.269119	2.44396	2.44396	0.948	0.957741	-1.04412	0.534208	3.70803	6.16993	1
cg20934834	TSPYL4	0.815415	0.768423	1.30159	1.58383	0.945393	0.965091	-1.02457	0.608904	1.0966	7	7	7	7	7	7	7	0.558703	1.79285	-1.41757	0.731708	0.827075	-1.20908	0.463441	1.47429	1.47429	0.211781	1.98938	1.98938	0.4914	1.5945	3.24481	1
cg03216853	SERGEF	0.815461	0.946661	1.02356	1.02356	0.997201	1.00122	1.00122	0.617341	1.19163	1.19163	0.918024	0.964801	-1.03648	0.460978	0.770097	-1.29854	0.647034	0.851748	-1.17406	0.366636	1.38101	1.38101	0.286867	1.4695	1.4695	0.280094	1.47817	1.47817	0.534136	1.02483	1.70549	1
cg26955234	GIT1;GIT1	0.815462	0.951394	0.940664	-1.06294	0.937448	1.08222	1.08222	0.460228	0.910382	0.502367	-1.99007	0.912099	0.916403	-1.09128	0.945707	-1.05687	0.941982	1.02979	1.02979	0.260798	0.629155	-1.58943	0.894217	0.947767	-1.05531	0.749758	1.13774	1.13774	0.534351	1.57611	2.28915	1
cg05085660	C11orf92;C11orf93	0.815485	0.19283	5.0248	5.0248	0.870594	1.21042	1.21042	0.439858	0.397417	-2.51625	0.718422	0.654338	-1.52826	0.437483	0.395438	-2.52884	0.403538	1.36714	-2.72172	0.974822	0.963707	-1.03766	0.99275	-1.00523	1.05623	0.783227	1.38331	1.34102	1.34102	1.61063	19.316	1
cg19085605	UBAD1;UBAD1	0.815501	0.601333	1.13551	1.13551	0.699742	0.910809	-1.09793	0.249305	0.744903	-1.34246	0.903222	1.02976	1.02976	0.472748	1.1925	1.1925	0.938499	0.98157	-1.01878	0.846437	1.04785	1.04785	0.231095	1.35368	1.35368	0.869682	0.961191	-1.04038	0.534079	0.491564	0.818129	1
cg24961286	SMAD3	0.815514	0.752656	1.14993	1.14993	0.715209	0.836493	-1.20385	0.347478	1.54218	1.54218	0.451626	1.40977	1.40977	0.375565	1.08378	1.08378	0.810068	0.897756	-1.11385	0.146002	2.01159	2.01159	0.868205	1.07721	1.07721	0.6765	1.828691	1.206572	0.534059	1.60621	2.82317	1
cg03879320	SLC7A5	0.815529	0.436022	1.37658	1.37658	0.985927	0.992932	-1.00712	0.668218	0.840796	-1.18935	0.770211	1.12502	1.12502	0.697228	1.17028	1.17028	0.425655	1.38704	1.38704	0.105026	2.03888	2.03888	0.583983	1.13212	1.13212	0.926	1.03807	1.03807	0.534038	1.36806	2.27709	1
cg11500790	OPCML;OPCML	0.815534	0.552364	1.30154	1.30154	0.625628	0.81037	1.19374	1.19374	0.724729	-1.44358	0.813789	1.12036	1.12036	0.588446	1.28546	1.28546	0.619323	1.26785	1.26785	0.850905	0.939228	-1.08787	0.967254	1.01964	1.01964	0.711927	1.19215	1.19215	0.534242	1.89991	3.16112	1
cg1763458	UBXN2A	0.815556	0.405054	0.846162	-1.18181	0.395411	0.843105	-1.18609	0.921545	0.980869	-1.0195	0.463282	0.863822	-1.15765	0.633163	1.09887	1.09887	0.383527	1.1915	1.1915	0.925817	1.01843	1.01843	0.369145	1.19825	1.19825	0.724039	1.07198	1.07198	0.534	0.325172	0.541276	1
cg10168763	ADCY9	0.815557	0.777793	1.15682	1.15682	0.442291	1.4969	1.4969	0.728905	0.835979	-1.1962	0.297988	1.74284	1.74284	0.518897	0.714116	-1.40033	0.657316	1.25847	1.25847	0.201371	2.00321	2.00321	0.859374	0.912731	-1.09561	0.689072	1.2301	1.2301	0.534	2.24229	3.75249	1
cg06233293	EPCAM	0.815564	0.817481	1.10515	1.10515	0.945303	0.965091	-1.02457	0.608904	1.0966	7	7	7	7	7	7	7	0.558703	1.79285	-1.41757	0.731708	0.827075	-1.20908	0.463441	1.47429	1.47429	0.211781	1.98938	1.98938	0.4914	1.5945	3.24481	1
cg12724894	DIP2C	0.815569	0.680571	0.916185	-1.09148	0.584866	0.889893	-1.12373	0.985696	1.0038	1.0038	0.745262	1.07136	1.07136	0.779258	1.06122	1.06122	0.136837	1.40339	1.40339	0.303347	1.25288	1.25288	0.821091	1.04906	1.04906	0.744188	1.07169	1.07169	0.533982	0.378171	0.62952	1
cg18188799	PIK3C2;PIK3C2;PIK3C2	0.815578	0.474706	0.747304	-1.33824	0.426423	0.52573	0.926455	1.07922	0.916682	1.09092	0.662882	0.68682	1.45599	0.627277	1.59482	1.59482	0.549364	1.42227	1.42227	1.55225	0.642305	1.55705	1.55705	0.643972	1.55705	1.55705	0.643972	1.55705	1.55705	0.643972

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T 047 vs. N)	Ratio(105T vs. N)	Ratio(111T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	Ratio(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T 127 vs. N)	Ratio(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	Ratio(121T vs. N)	Ratio(127T vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 37T vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	Ratio(5637 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
gi	10813147	DR1;DR1	0.816628	0.557928	0.750637	-1.33236	0.521594	1.04883	1.04883	0.799531	1.13115	1.13115	0.476304	1.42013	1.42013	0.621746	1.27232	1.27232		0.949787	0.969961	-1.03097	0.125588	0.448085	-2.23172	0.859128	1.08985	1.08985	0.734264	1.97782	1.30177	1
gi	10080121	GRK6;GRK6;GRK6	0.81665	0.272575	1.57512	0.879526	1.0622	1.0622	0.225111	0.602366	-1.66012	0.844437	0.924816	-1.0813	0.36944	1.44297	1.44297		0.921414	0.961502	-1.04004	0.889632	0.946257	-1.05679	0.872813	1.06581	1.06581	0.632874	1.21103	1.21103	0.532429	1.33476	2.22837	1
gi|50565475	SURF2;SURF1	0.81666	0.810608	1.24366	1.24366	0.669231	1.47784	1.47784	0.195929	1.49932	1.49932	0.484643	1.90876	1.90876	0.62926	0.637569	-1.56846		0.352052	0.417514	-2.39513	0.907752	0.900086	-1.111	0.946063	0.940414	-1.06336	0.723003	0.72371	-1.38177	0.528079	6.75091	9.94304	1
gi|42328756	KCNAB2;KCNAB2	0.816665	0.604861	1.359	1.359	0.29491	1.893361	1.893361	0.47263	1.53618	1.53618	0.583073	1.3851	1.3851	0.837263	1.12847	1.12847		0.36887	0.581366	-1.72039	0.357549	1.74377	1.74377	0.399889	1.659391	1.659391	0.85989	0.001377	-1.10941	0.524407	2.91215	4.862	1
gi|22077997	ABTB1;ABTB1;ABTB1	0.816673	0.834954	0.919166	-1.08794	0.282775	1.56972	1.56972	0.637105	0.825325	-1.21164	0.518905	1.30237	1.30237	0.204053	0.582478	-1.7168		0.923409	0.961895	-1.03961	0.59296	1.24357	1.24357	0.922094	0.961251	-1.04031	0.92445	0.962405	-1.03906	0.532396	1.37625	2.29779	1
gi|26842034	SCGB1	0.816685	0.362189	0.40887	-2.44576	0.991483	1.01025	1.01025	0.744828	1.36096	1.36096	0.513393	1.8831	1.8831	0.312331	0.368302	-2.71303		0.529171	1.83816	1.83816	0.862608	0.847552	-1.17987	0.710315	0.700916	-1.4267	0.344448	2.54992	2.54992	0.532379	7.68856	12.8372	1
gi|06688803	CLPTM1	0.816695	0.710252	1.30517	1.30517	0.874838	1.119	1.119	0.920229	0.931047	-1.07406	0.674354	0.739587	-1.35211	0.648013	0.720252	-1.3884		0.347652	0.500202	-1.99919	0.541796	1.55472	1.55472	0.580865	1.48934	1.48934	0.197862	0.375681	-2.66184	0.528028	4.16424	6.13388	1
gi|21449926	NUDCD1;NUDCD1	0.816697	0.708516	0.858901	-1.16428	0.462379	0.738501	-1.35391	0.278111	1.18417	1.18417	0.782754	1.11845	1.11845	0.841096	0.923915	-1.0847		0.979463	1.01048	1.01048	0.951379	1.75132	1.75132	0.637836	1.21171	1.21171	0.35032	0.677499	-1.47602	0.532562	1.38302	2.30924	1
gi	20920887	DENND3	0.81697	0.632154	1.13727	1.11727	0.866903	0.962167	-1.03932	0.579399	0.879212	-1.13738	0.188056	1.37813	1.37813	0.799245	0.907624	-1.10653		0.812058	1.0563	1.0563	1.216213	1.26113	1.26113	0.791082	0.94078	-1.06295	0.532358	0.44574	0.744262	1
gi|22441237	POTEF	0.816702	0.883043	1.04931	1.04931	0.473363	1.26929	1.26929	0.229111	1.51086	1.51086	0.275059	1.44964	1.44964	0.612146	0.846043	-1.18197		0.81094	0.924631	-1.08151	0.629769	1.17213	1.17213	0.541137	0.816864	-1.22419	0.983614	1.00674	1.00674	0.532354	0.9014	1.50521	1
gi|22996912	LOXL2	0.816704	0.711819	0.903742	-1.10706	0.494026	0.92786	-1.07793	0.476182	0.826988	-1.21849	0.478108	0.868949	1.15121	0.164421	0.493129	2.030144	-1.24016	0.5272	1.19095	1.19095	0.182207	0.679543	1.47158	1.47158	0.341615	0.796491	1.3064	0.832262	0.943788	1.05956	0.532152	0.627314	1.04745	1
gi|05732530	DUSP2	0.816712	0.834182	1.12146	1.12146	0.942309	0.961195	-1.04037	0.508884	1.44261	1.44261	0.54019	1.4037	1.4037	0.381583	1.63355	1.63355		0.437072	1.5427	1.5427	0.216291	0.490884	-2.03714	0.789948	1.15728	1.15728	0.546166	1.39655	1.39655	0.53234	2.5213	4.21001	1
gi|15427485	SPA112	0.816739	0.406784	1.53967	1.5268	0.495356	1.41231	1.41231	0.418288	1.1211	1.1211	0.610913	1.29213	1.29213	0.660383	1.24668	1.24668		0.384538	0.67545	-1.48049	0.200535	0.551545	-1.81309	0.683822	1.19745	1.19745	0.804623	1.11525	1.11525	0.532254	1.63269	2.72666	1
gi	10583651	IL21	0.816778	0.892653	0.904974	-1.105	0.187866	0.356277	-2.8068	0.442809	0.766209	-1.30509	0.762129	1.2517	2.2517	0.299134	0.451215	-2.21624		0.461964	0.57477	-1.73983	0.681901	0.537987	0.674973	-1.48154	0.629996	1.43184	1.43184	0.532246	4.61003	7.60909	1
gi|19368701	C1orf31	0.816794	0.811857	0.847188	-1.18037	0.872094	0.925555	-1.08151	0.863803	1.08724	1.08724	0.827574	1.71911	1.71911	0.641018	1.38021	1.38021		0.587874	0.884411	-1.1307	0.365334	1.23221	1.23221	0.796309	1.0596	1.0596	0.378439	0.816537	-1.22468	0.532173	0.424473	0.709499	1
gi|19268388	EHMT2;EHMT2	0.816798	0.401165	1.40282	1.40282	0.105874	2.00519	2.00519	0.741704	1.13915	1.13915	0.836875	0.922001	-1.0846	0.790883	0.90061	-1.11036		0.515601	1.29651	1.29651	0.775349	1.1193	1.1193	0.880003	1.06131	1.06131	0.817693	0.913062	-1.09522	0.532217	1.30786	2.18434	1
gi|18431951	PUF60;PUF60;PUF60	0.816815	0.752188	0.881353	-1.13462	0.503696	1.10369	1.10369	0.574523	1.25379	1.25379	0.211999	1.68807	1.68807	0.353464	0.683417	-1.46324		0.852795	1.07687	1.07687	0.990987	0.995506	-1.00451	0.983335	1.42821	1.42821	0.77623	1.12033	1.12033	0.532192	1.31987	2.23791	1
gi|25757224	KIF26B	0.816828	0.437911	0.837247	-1.19432	0.595036	1.128	1.128	0.475527	1.1769	1.1769	0.640994	1.11119	1.11119	0.552513	0.876828	-1.14047		0.587874	0.884411	-1.1307	0.365334	1.23221	1.23221	0.796309	1.0596	1.0596	0.378439	0.816537	-1.22468	0.532173	0.424473	0.709499	1
gi|23788917	SLC35B3;SLC35B3;SLC35B3	0.816837	0.460434	1.17586	1.17586	0.693577	0.918177	-1.08911	0.546298	1.14067	1.14067	0.623669	1.1125	1.1125	0.506402	1.15642	1.15642		0.94076	1.01615	1.01615	0.534437	0.873165	-1.14526	0.166892	1.37393	1.37393	0.506137	1.15653	1.15653	0.53216	0.391665	0.654215	1
gi|14154487	PTGS1;PTGS1;PTGS1	0.816865	0.510118	0.482727	-2.07157	0.990604	1.02938	-1.32124	0.597479	0.424134	-2.37285	0.861776	0.390914	-2.55964	0.269597	0.406258	-2.46134	-1.37081	0.249848	0.26957	-3.7096	0.151886	0.505951	-1.97451	0.447904	0.453764	-2.18512	0.975713	1.03374	1.03374	0.532135	10.6548	16.7289	1
gi|19791143	LOC286135	0.816865	0.978915	0.990497	-1.00959	0.416678	1.34972	1.34972	0.53927	1.22826	1.22826	0.855233	1.06821	1.06821	0.228131	0.628506	-1.59108		0.631909	0.839981	-1.1905	0.326489	1.44195	1.44195	0.676694	1.16358	1.16358	0.982511	1.00795	1.00795	0.532125	1.10007	1.83764	1
gi|18845158	REV1;REV1	0.816873	0.155062	0.846201	-1.18164	0.929343	1.1403	1.1403	0.143357	0.826956	-1.20947	0.553393	0.887328	-1.12633	0.552738	0.907304	-1.10234		0.983539	1.0402	1.0402	0.912671	-1.09568	0.79168	1.26501	1.26501	0.940704	1.24662	1.24662	0.532108	0.90923	0.780469	1.30452	1
gi|03407631	GCM1	0.816894	0.934004	1.02447	1.02447	0.931853	0.975344	-1.02528	0.270661	0.715505	-1.39762	0.560547	0.842159	-1.18742	0.651937	1.14172	1.14172		0.29182	0.726687	-1.37611	0.876673	1.04637	1.04637	0.582454	0.850374	-1.17595	0.37438	1.30492	1.30492	0.532079	0.71798	1.19945	1
gi|21962611	KLHDC5	0.816894	0.634002	1.23701	1.23702	0.958482	1.07771	-1.02336	0.668411	1.25057	1.25057	0.582865	0.781939	-1.27887	0.99288	1.00396	1.00396		0.907779	0.94907	-1.05274	0.127159	2.0784	2.0784	0.352677	1.52826	1.52826	0.831183	0.909666	-1.0993	0.532079	1.65735	2.76877	1
gi|26076233	DYNLL1	0.816902	0.742473	0.654502	-1.52788	0.443104	1.27268	1.27268	0.173886	1.155702	-1.42251	0.594218	0.893913	-1.11196	0.364834	0.805121	-1.24172		0.871093	0.815579	-1.22572	0.514494	1.27244	1.27244	0.984795	0.975799	-1.0248	0.395159	0.326431	0.663468	1.19266	1.32642	2.13623	1
gi|34549630	MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2;MDM2	0.816904	0.597598	1.07153	1.07153	0.982809	0.997209	-1.0028	0.461054	0.90726	-1.10222	0.150716	1.2211	1.2211	0.475671	1.09864	1.09864		0.455165	1.10369	1.10369	0.993919	1.00099	1.00099	0.71862	1.04804	1.04804	0.80272	1.968056	-1.033	0.532064	0.141743	0.236802	1
gi|12332081	TOLLIP	0.816906	0.316343	1.75082	1.75082	0.301616	3.91857	3.91857	0.193167	5.79675	5.79675	0.382837	1.33316	1.33316	0.155152	2.15718	2.15718		0.50236	2.38395	2.38395	0.367007	3.35243	3.35243	0.225142	2.28833	2.28833	0.90023	1.17358	1.17358	0.532061	13.7228	22.926	1
gi|31966448	ROR2	0.816911	0.336734	0.382677	-2.61317	0.208406	0.276324	-3.61895	0.355518	0.393801	-2.53936	0.407188	0.490415	-2.03909	0.422325	0.451635	-2.21418		0.447206	0.471749	-2.11977	0.374757	0.413323	-2.41942	0.308158	0.359522	-2.78147	0.705464	0.691947	-1.4452	0.532055	7.92549	13.2409	1
gi|20955631	TIHY1	0.816918	0.881428	1.0552	1.0552	0.532854	0.95232	-1.16232	0.590787	1.45051	1.45051	0.427596	0.553155	1.41051	0.254796	0.554155	-1.80453		0.548484	1.51563	1.51563	0.354048	0.534389	-1.8713	0.193154	0.574628	1.74026	0.254206	0.348335	0.652577	1.53215	0.531957	3.8349	6.40804	1
gi|12935478	C21orf84	0.816923	0.314015	0.600559	-1.66512	0.901382	0.9411	-1.06259	0.910406	0.945637	-1.05667	0.644356	0.796423	-1.25561	0.150156	0.469833	-2.12841		0.697199	0.825737	-1.21104	0.314246	0.607715	-1.66468	0.478038	0.702423	-1.42364	0.790873	1.13899	1.13899	0.532036	2.02058	3.37584	1
gi|12070383	FOXN3;FOXN3	0.816925	0.727863	-1.24565	0.276047	0.615453	1.14103	1.14103	0.433982	0.875662	-1.14225	0.514743	0.743743	-1.34537	0.170454	0.502287	-1.99184		0.983539	1.0402	1.0402	0.912671	-1.09568	0.79168	1.26501	1.26501	0.940704	1.24662	1.24662	0.532108	0.90923	0.780469	1.30452	1
gi|40113418	PPFIA3	0.816931	0.295898	0.301022	-3.32202	0.40328	0.387763	-2.5789	0.432815	0.412038	-2.42696	0.408067	0.391679	-2.55311	0.293028	0.298716	-3.34766		0.219354	0.234715	-4.26049	0.429837	0.409578	-2.44154	0.446739	0.42358	-2.36083	0.651901	0.604705	1.6537	0.532026	10.338	17.2724	1
gi|04604547	CHADL	0.816941	0.821499	1.245	1.245	0.422491	0.21337	0.2133	0.0950965	0.92104	0.92104	0.190183	0.989221	-1.0109	0.709713	0.695868	-1.43705		0.886449	0.870613	-1.14862	0.997021	1.00363	1.00363	0.836944	1.2212	1.2212	0.80953	0.791231	-1.26385	0.532011	0.792343	13.2385	1
gi	27331241	PRKAR1B;PRKAR1B;PRKAR1B;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg15441325	LOC345695;LOC100302640;LOC344595	0.818182	0.956015	0.990142	-1.00996	0.186902	0.777805	-1.28567	0.575207	1.10705	1.107705	0.698573	0.932492	-1.0724	0.623555	1.09292	1.09292	0.684681	1.07609	0.417215	1.16057	1.16057	0.870206	0.971055	-1.02981	0.492413	0.882296	-1.13341	0.530227	0.270922	0.454181
cg21331510	C22orf9;C22orf9;MIR1249	0.818187	0.592705	1.5051	1.5051	0.132095	3.423555	3.423555	0.915275	0.922579	-1.08392	0.748349	1.276	1.276	0.558767	1.56473	1.56473	0.745313	1.28485	1.28485	0.209002	2.72584	2.72584	0.560926	1.56081	1.56081	0.634625	1.43693	1.43693	0.530221	4.814493	8.071599	1
cg23223878	BHLHE40;BHLHE40	0.818188	0.314523	0.753566	-1.32703	0.231489	1.40692	1.40692	0.763496	1.08555	1.08555	0.782087	1.164004	1.164004	0.107835	0.579975	0.858932	-1.16424	0.969077	1.0106	1.0106	0.37511	0.780644	-1.28099	0.735312	0.991822	-1.0967	0.972372	1.00947	1.009047	0.532219	0.621426	1.004179	1
cg27276128	ZNF528	0.818189	0.569348	0.765236	-1.30679	0.240007	0.563991	-1.77308	0.60925	0.786636	-1.27124	0.39326	1.58174	1.58174	0.995137	0.997167	-1.00284		0.948204	0.97021	-1.03071	0.455481	1.42455	1.42455	0.687717	0.828529	-1.20696	0.635758	1.24871	1.24871	0.530218	1.81981	3.05085	1
cg11985321	PTPRN2;PTPRN2;PTPRN2	0.818189	0.464344	1.72925	1.72925	0.284424	2.26542	2.26542	0.730431	1.28964	1.28964	0.418936	1.8356	1.8356	0.51009	1.51009	1.51009		0.472986	1.71049	1.71049	0.22851	2.53315	2.53315	0.201322	2.69769	2.69769	0.728447	1.29218	1.29218	0.530218	4.54167	7.61393	1
cg27003682	SPEF2;SPEF2	0.818223	0.860133	0.908251	-1.10102	0.123035	2.48839	2.48839	0.514892	0.697447	-1.4338	0.781794	0.859416	-1.16358	0.619794	1.31377	1.31377		0.991902	1.00555	1.00555	0.796981	0.868781	-1.15104	0.582734	0.738784	-1.35357	0.763522	1.17897	1.17897	0.530169	2.49988	4.19133	1
cg26097606	CDS4;1	0.818224	0.67612	0.849202	-1.17744	0.959685	1.00308	1.00308	0.932688	0.676942	-1.47478	0.236909	0.617692	-1.61893	0.269517	0.619952	-1.56367		0.262805	0.635154	-1.57442	0.929879	0.966362	-1.03481	0.880659	1.06015	1.06015	0.653994	0.840549	-1.1897	0.530168	1.26913	2.12784	1
cg28371382	HNRPLL;HNRPLL;HNRPLL	0.818244	0.265374	0.86171	-1.16048	0.475133	0.911078	-1.0976	0.672352	0.913441	-1.17374	0.875405	0.708408	1.00832	0.745743	1.0426	1.0426		0.754508	0.960574	-1.04104	0.998013	0.930139	-1.07486	0.930136	0.830186	1.20548	0.530139	0.83806	0.231487	1
cg09152949	TBCD	0.81827	0.20363	1.9607	1.9607	0.31824	1.67808	1.67808	0.211701	1.93515	1.93515	0.465891	1.45116	1.45116	0.822103	1.11964	1.11964		0.348336	1.62336	1.62336	0.734868	1.18598	1.18598	0.646986	1.26033	1.26033	0.665962	1.24351	1.24351	0.530101	2.111399	3.5448	1
cg10834259	NEDD9	0.818273	0.437109	0.83948	-1.19941	0.3996	0.904752	-1.10536	0.634128	1.57697	0.853604	1.88599	1.22314	1.22314	0.215966	1.82496			0.459814	0.503605	-1.98568	0.466624	0.524666	-1.90597	0.270106	0.748628	1.32304	0.530099	0.3644	0.6172	1
cg03536787	NSD1;NSD1	0.818285	0.368139	1.24408	1.24408	0.907773	0.972992	-1.02776	0.360758	1.24854	1.24854	0.621607	0.888938	-1.13494	0.939686	1.01804	1.01804		0.392715	0.81313	-1.22982	0.654586	1.11226	1.11226	0.535174	1.15994	1.15994	0.327126	1.26998	1.26998	0.530108	0.468607	0.785805	1
cg28371427	TMEM201;TMEM201	0.818312	0.439665	1.26707	1.26707	0.828244	1.502643	1.502643	0.468927	1.23757	1.23757	0.137552	1.61699	1.61699	0.239784	1.40241	1.40241		0.539959	1.39825	1.39825	0.208325	1.88614	1.88614	0.954437	0.992887	-1.01751	0.915004	0.957514	1.26974	1.26974	0.530114	0.957514	1.26974	1
cg27112264	ZNF814	0.818331	0.991085	0.997563	-1.00244	0.708573	1.09426	1.09426	0.886027	1.01055	1.01055	0.883403	1.06167	1.06167	0.703845	0.912447	-1.09595		0.203708	0.726902	-1.3757	0.366537	0.800473	-1.24926	0.807729	1.0408	1.0408	0.324709	1.27632	1.27632	0.530014	0.483127	0.810255	1
cg06540941	VAMP4	0.818341	0.707329	0.920305	-1.0866	0.69476	1.09072	1.09072	0.144104	1.41274	1.41274	0.923071	1.0215	1.0215	0.623575	1.12258	1.12258		0.685293	1.09386	1.09386	0.453953	1.1829	1.1829	0.827318	1.04928	1.04928	0.244991	1.30707	1.30707	0.530099	0.406994	0.682592	1
cg12507129	ATG13;CLSS4;SLC9A3	0.818354	0.706307	1.19359	1.19359	-1.07507	0.547759	1.12331	1.12331	0.576362	1.11693	1.11693	0.566539	1.11711	1.11711	0.526887	1.13038	1.13038	0.976395	1.00567	1.00567	0.800414	0.952729	-1.04962	0.881356	1.14258	1.14258	0.529981	0.306711	0.514413	1
cg16034458	OGDH;OGDH;OGDH KIAA0652;KIAA0652;KIAA0652;KIAA0652;KIAA0652;HARB1;KIAA0652;KIAA0652	0.818356	0.765395	1.05381	1.05381	0.455471	0.875354	-1.14239	0.488516	0.884052	-1.13116	0.19812	0.788038	-1.26897	0.400015	1.16286	1.16286		0.837374	0.964646	-1.03665	0.588966	0.908883	-1.10025	0.686446	0.931394	-1.07366	0.735162	1.06126	1.06126	0.529978	0.257446	0.431793	1
cg25958251	2	0.818362	0.66084	1.40487	1.40487	0.223	2.69792	2.69792	0.23621	2.61598	2.61598	0.566725	1.56231	1.56231	0.570269	1.55581	1.55581		0.951384	0.954182	-1.04802	0.915113	1.08548	1.08548	0.334921	2.1566	2.1566	0.314402	2.23534	2.23534	0.525591	4.82162	7.13512	1
cg24608208	SOAT2;SOAT2	0.818365	0.249899	0.449284	1.22622	0.126372	1.98874	1.98874	0.767983	1.22024	1.22024	0.774461	1.23309	1.23309	0.300136	0.486499	-2.4505		0.78386	1.20321	1.20321	0.934737	0.946387	-1.05665	0.826384	1.15928	1.15928	0.735339	0.795902	-1.25644	0.529965	3.79975	6.37317	1
cg01440754	ATP6V0A2	0.818371	0.845966	0.972072	-1.02873	0.751916	1.04727	1.04727	0.782951	0.960582	-1.04104	0.854702	0.973657	-1.02706	0.615072	0.928225	-1.07732		0.591732	1.08204	1.08204	0.383026	0.785176	0.851152	-1.17488	0.923305	1.01412	1.01412	0.529948	0.178016	0.298589	1
cg19770547	NXAP	0.818402	0.210574	0.249743	4.08932	0.037703	1.13751	1.13751	0.23353	0.884223	1.41715	1.17171	0.451796	2.22393	0.822181	0.830703	-1.20368		0.260519	0.28786	-3.48855	0.850402	0.817545	-1.22317	0.878612	1.17711	1.17711	0.795028	1.33018	1.33018	0.529911	0.55368	1.00255	1
cg04012515	KIAA1751	0.818424	0.585562	1.20452	1.20452	0.945675	0.977234	-1.0233	0.202674	0.63475	-1.57542	0.643934	0.854453	-1.17034	0.658817	0.860561	1.16203		0.686016	0.871666	-1.14723	0.667157	1.15744	1.15744	0.542562	1.2316	1.2316	0.327056	0.710402	-1.40765	0.52988	0.958454	1.60784	1
cg00220952	SCARNA16;C17orf86	0.818443	0.37453	0.437775	-2.28637	0.900546	0.892764	-1.12012	0.72464	1.37835	1.37835	0.358982	2.35313	2.35313	0.612647	1.58918	1.58918		0.41852	0.472365	-2.11701	0.485917	1.89066	1.89066	0.379305	2.66665	2.66665	0.730451	1.36859	1.36859	0.529852	6.90759	11.5883	1
cg01254575	KCTD8	0.818443	0.585788	1.20452	1.20452	0.945675	0.977234	-1.0233	0.202674	0.63475	-1.57542	0.643934	0.854453	-1.17034	0.658817	0.860561	1.16203		0.930102	1.0189	1.0189	0.125	0.994004	1.00626	1.00626	0.994929	0.998423	-1.00158	0.8892903	0.91464	1.09342	0.582223	0.641225	1
cg00053728	TTC15	0.818456	0.657536	0.640299	-1.56177	0.666996	1.54117	1.54117	0.966557	1.04278	1.04278	0.984178	1.02001	1.02001	0.226449	0.281098	-3.55747		0.701454	0.680524	-1.46946	0.145471	0.209738	-4.76786	0.960548	1.05067	1.05067	0.930392	0.916403	-1.09122	0.529834	8.37844	14.0563	1
cg16621691	PIR16	0.818474	0.424336	0.641791	-1.55731	0.194608	0.481867	2.07536	0.902658	0.939472	-1.06443	0.368356	0.615559	-1.62516	0.207625	0.554801	-1.80286			0.744739	0.968547	0.938368	0.916543	-1.09106	0.891203	0.937268	-1.06719	0.851611	0.905141	-1.1048	0.512007	0.24167	0.884759	1
cg07379707	ZNF764	0.818476	0.608072	1.07272	1.0722	0.71223	1.2976	1.2976	0.453757	1.14551	1.14551	0.413815	1.16112	1.16112	0.224633	1.2562	1.2562		0.552766	1.1337	1.1337	0.705435	1.07027	1.07027	0.972166	1.00626	1.00626	0.438986	1.17122	1.17122	0.529805	0.268333	0.450199	1
cg03125565	ZNF566;ZNF566;ZNF566;ZNF566	0.818482	0.459983	0.829655	-1.20532	0.505788	1.18247	1.18247	0.511211	1.17988	1.17988	0.595848	0.875572	-1.14211	0.774236	0.931097	-1.074		0.85554	0.955769	-1.04628	0.516868	1.1772	1.1772	0.258417	0.746229	-1.34007	0.559942	1.15757	1.15757	0.529796	0.517057	0.867515	1
cg02364331	TRIP13;RBX7;RP13;RBX7;RP13;RBX9;BX09	0.818503	0.211796	0.449284	1.22622	0.126372	1.98874	1.98874	0.767983	1.22024	1.22024	0.774461	1.23309	1.23309	0.300136	0.486499	-2.4505		0.357915	0.755641	-1.3238	0.394122	0.946387	-1.05665	0.826384	1.15928	1.15928	0.735339	0.795902	-1.25644	0.529965	3.79975	6.37317	1
cg12847793	DDR1;DDR1	0.818505	0.72617	1.22089	1.22089	0.351561	0.580316	-1.7232	0.346808	1.73307	0.743805	1.83284	1.57834	1.57834	0.564547	0.71233	-1.40384		0.8534	0.900329	-1.11071	0.70514	0.803577	-1.24444	0.878345	0.916729	-1.09083	0.363048	1.16998	1.16998	0.529763	2.70323	4.53575	1
cg18233194	UMTK2	0.818521	0.711281	0.835466	-1.19691	0.615932	1.30333	1.30333	0.642223	1.13712	1.13712	0.933884	1.04472	1.04472	0.933884	1.04417	-1.04417		0.933929	1.03729	1.03729	0.754955	1.30329	1.30329	0.979364	1.00253	1.00253	0.985612	0.758296	1.31875	0.529749	0.7267	0.82029	1
cg02078870	CYP26A1;CYP26A1	0.818531	?	?	?	0.226506	5.0745	5.0745	0.950759	1.08219	1.08219	?	?	?	0.908219	0.862853	1.15895		0.65647	1.77286	1.77286	?	?	?	0.374727	3.20701	3.20701	0.81915	0.746078	-1.34034	0.462394	7.98729	23.0317	1
cg13971154	SMO	0.818531	0.939964	0.962474	-1.03899	0.726068	1.19443	1.19443	0.68125	0.814482	-1.22777	0.543918	0.733251	-1.36379	0.25113	0.545732	-1.8324		0.47488	0.692784	-1.44345	0.432867	0.756039	-1.32264	0.56998	1.3367	1.3367	0.329726	2.14035	3.59154	1
cg21788045	LSAMP	0.818555	0.418357	0.641791	-1.55731	0.194608	0.481867	2.07536	0.902658	0.939472	-1.06443	0.368356	0.615559	-1.62516	0.207625	0.554801	-1.80286		0.604706	1.0872	1.0872	0.362657	0.963054	-1.03756	0.842861	1.90991	1.90991	0.325813	0.72849	-1.37251	0.529757	1.85817	2.91769	1
cg15395560	SLC28A2	0.818563	0.850362	0.918044	-1.08927	0.418215	0.68761	-1.45431	0.553333	0.762238	-1.31193	0.75588	1.15165	1.15165	0.129052	0.475861	-2.10145		0.67431	0.825831	-1.2109	0.802347	1.12026	1.12026	0.83957	1.09612	1.09612	0.429952	0.694354	-1.44019	0.529679	1.71968	2.8859	1
cg04828704	MID2;MID2	0.818585	0.308095	0.624597	1.60139	0.078804	0.654417	1.52892	0.788304	1.1432	1.1432	0.53884	1.12247	1.12247	0.37164	1.17161	1.17161		0.729395	1.03035	-1.02098	0.931274	0.943988	-1.05977	0.842724	1.12712	1.12712	0.85591	1.06144	1.06144	0.529648	0.43464	0.74947	1
cg27376617	NOD1	0.818612	0.16503	0.505658	-1.97762	0.792425	0.885649	-1.12912	0.714046	1.18465	1.18465	0.891009	0.938826	-1.06516	0.773107	1.14237	1.14237		0.594352	0.780764	-1.2808	0.83058	1.1035	1.1035	0.222338	0.554056	-1.80487	0.752597	0.864505	-1.15673	0.52961	1.77816	2.98444	1
cg01638792	MYEOV	0.818617	0.91564	1.02012	1.02012	0.404205	1.17408	1.17408	0.709946	1.07277	1.07277	0.977244	0.994651	-1.00538	0.904585	1.0228	1.0228		0.430602	0.85962	-1.1633	0.198455	1.29115	1.29115	0.765011	0.945195	-1.05798	0.346116	1.20014	1.20014	0.529603	0.296545	0.497724	1
cg03786924	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5 CNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.81862	0.303593	0.762951	-1.3107	0.978026	1.00702	1.00702	0.946852	1.01707	1.01707	0.740038	0.919018	-1.08812	0.950461	1.01299	1.01299		0.893201	0.966467	-1.0347	0.491698	0.873488	-1.29083	0.595508	0.540803	0.907695	1
cg17084326	VPS37A;CNOT7;VPS37A;CNOT7	0.818637	0.866246	0.914863	-1.09306	0.390202	0.62829	-1.59162	0.558573	1.3665	1.3665	0.91017	0.942166	-1.06138	0.485319	0.687795	-1.45392		0.931623	0.955712	-1.04634	0.908216	1.06277	1.06277	0.611574	1.31039	1.31039	0.172702	2.15115	2.15115	0.529574	2.33687	3.92243	1
cg00229960	EMD	0.818638	?	?	?	0.891819	0.554491	-1.79065	0.556139	0.713974	-1.39281	0.207615	27.7412	27.7412	0.284575	25.4551	25.4551		0.454056	0.11739	-8.5184	0.042773	2.09122	2.09122	0.203908	3.1314	3.1314	0.809314	0.507087	-1.97205	0.511758	56.8452	111.076	1
cg04492135	ZNF710	0.818639	0.842559	0.939136	-1.06481	0.72421	0.661721	-1.51121	0.236861	0.876161	-1.14193	0.779357	0.918984	-1.08816	0.710734	0.889023	-1.12483		0.765201	0.910137	-1.09874	0.583214	1.19122	1.19122	0.713035	1.12372	1.12372	0.404716	0.763983	1.30893	0.52957	0.836286	1.40357	1
cg23472215	GSTM3;GSTM3	0.818679	0.324136	2.25118	2.25118	?	?	?	0.939345	0.941438	-1.06221	?	?	?	0.624631	1.47921	1.47921		0.615746	0.609133	1.49447	?	?	?	0.64175	0.689394	-1.45055	0.42452	2.29923	7.58251	1
cg13326420	TSC2202	0.818693	0.245353	0.449284	1.22622	0.874231	0.924227	-1.08198	0.908443	1.08342	-1.05892	0.539474	0.73416	-1.3621	0.112979	0.429997	-2.32673		0.836324	0.902211	-1.10839	0.789639	0.875459	-1.14226	0.962815	1.02346	1.02346	0.574111	0.753917	-1.32641	0.529493	0.257057	0.48354	1
cg04132379	RASSF2	0.818695	0.385574	0.549137	-1.82104	0.472757	0.611339	-1.63575	0.618297	1.40283	1.40283	0.800714	1.18582	1.18582	0.541997	0.659711	-1.51581		0.292074	0.478734	-2.08884	0.332966	0.510192	-1.96005	0.339366	0.51501	-1.94171	0.9991	0.99924	-1.00076	0.52949	3.80779	6.39237	1
cg04186599	WDR73	0.818704	0.732062	0.918811	-1.07088	0.283324	1.24373	1.24373	0.820781	0.955794	-1.04625	0.97763	1.0056	1.0056	0.468032	0.863184	-1.1585		0.548024	1.12877	1.12877	0.447483	0.857144	-1.16647	0.712407	1.07659	1.07659	0.72656	0.32628	1.22378	1.22378	0.529477	0.312943	0.559846	1
cg13295238	EBF1	0.818746	0.705616	0.857604	-1.16645	0.139454	0.519388	-1.92534	0.644205	0.763673	-1.30946	0.881146	0.65357	-1.66357	0.801718	0.800498	-1.24224		0.643106	0.825137	-1.21192	0.738401	0.871278	-1.14774	0.895393	0.904256	1.10558	0.383996	1.4444	1.4444	0.529416	1.42267	2.38867	1
cg20596647	FYN	0.818751	0.466737	0.682239	-1.46576	0.661806	1.25515	1.25515	0.379411	1.59291	1.59291	0.792276	0.872606	-1.14599	0.484577	0.693002	-1.443		0.765579	1.16694	1.16694	0.57305	1.16716	1.16716	0.819745	1.88485	1.88485	0.112507	0.264909	0.224507	0.23507	3.75273	1
cg14199090	LEPR;LEPR;LEPR	0.818771	0.525264	1.22228	1.22228	0.211594	0.421232	-1.12132	0.745943	1.09593	1.09593	0.693581	0.891384	1.24349	0.244949	1.24349	0.244949		0.847288	0.94166	-1.06195	0.726056	1.11592	1.11592	0.447728	1.26113	1.26113	0.867617	1.05339	1.05339	0.529418	0.311814	0.36867	1
cg11274337	LCP1	0.818778	0.385215	0.488298	-2.04793	0.5245	0.594927	-1.68088	0.549384	1.62868	1.62868	0.688456	1.38339	1.38339	0.280991	0.405646	-2.46521		0.566593	0.627231	-1.59431	0.280137	0.404944	-2.46947	0.631671	0.677799	-1.47536	0.964082	1.03692	1.03692	0.529371	5.4359	9.12765	1
cg08372728	MAP1B	0.818781	0.719471	1.26474	1.26474	0.134697	1.91147	1.91147	0.593409	1.42149	1.42149	0.625489	1.37757	1.37757	0.368539	0.548026	-1.82473		0.642184	1.35623	1.35623	0.153163	1.52163	1.52163	0.594924	1.50156	1.50156	0.149404	0.539548	0.594924	0.529339	0.555504	0.90977	1
cg06943073	SRGAP1	0.818804	0.213742	0.156235	-6.40062	0.794577	0.630735	-1.44773	0.663863	0.537925	-1.859	0.948779	1.09539	1.09539	0.506408	0.38445	-2.60112		0.660786	0.87043	1.87043	0.321419	0.233965	-4.27415	0.482524	1.14591	1.14591	0.959027	1.07557	0.529333	16.8564	28.3064	1
cg06569955	CDQ6;CDQ6;CDQ6;FAM161B	0.818848	0.789346	1.36247	1.36247	0.494503	2.23205	2.23205	?	?	?	0.878744	0.838365	-1.1928	0.560941	1.97391	1.97391		0.742497	1.46359	1.46359	0.177564	5.313	5.313	0.312219	3.36484	3.36484	0.398599	2.72238	2.72238	0.507616	9.32742	16.0781	1
cg04876697	PPP4R1;PPP4R1	0.818849	0.141002	0.48233	-2.07335	0.414263	1.31529	1.31529	0.538431	1.16749	1.16749	0.641195	1.23119	1.23119	0.221774	0.700682	-1.42708		0.744864	1.12151	1.12151	0.52234	1.17464	1.17464	0.559272	1.15812	1.15812	0.920548	0.975502	1.02511	0.529268	0.518098	0.87013	1
cg03738331	HTT	0.81885	0.562416	1.15008	1.15008	0.170177	0.141736	3.417736	0.972537	0.991814	-1.00825	0.439489	0.828411	-1.20713	0.531648	1.16331	1.16331		0.896602	0.969434	-1.03153	0.500437	0.843491	-1.17738	0.815	1.05756	1.05756	0.82598	0.948785	-1.05398	0.529267	0.477039	0.802516	1
cg13290154	C6orf47;C6orf47	0.818863	0.37244	0.641791	-1.55731	0.194608	0.481867	2.07536	0.902658	0.939472	-1.06443	0.368356	0.615559	-1.62516	0.207625	0.554801	-1.80286		0.212816	0.47661	-2.09822	0.331548	0.528767	0.894952	-1.11864	0.578519	0.670324	1.49282	0.529248	0.233433	0.243461	1
cg13290546	C22orf30	0.818883	0.773285	0.892452	-1.12051	0.906024	1.04762	1.04762	0.404625	1.39921	1.39921	0.145009	0.539804	-1.85253	0.508111	1.30274	1.30274		0.963783	0.982273	-1.01805	0.698919	1.16544	1.16544	0.699042	1.16537	1.16537	0.927898	0.964975	-1.0363	0.529219	1.30061	2.18454	1
cg06255741	PKD1;PKD1	0.818886	0.928169	0.958386	-1.04342	0.196487	0.90369	0.90369	0.252884	1.75587	0.954845	0.59574	-1.02486	0.621101	0.790666	-1.26476			0.497578	0.722792	-1.38152	0.865139	1.08343	1.08343	0.89319	0.918636	-1.06538	0.876907	0.929557	-1.07558	0.529216	1.8626	3.12848	1
cg02201040	TFB1M	0.818893	0.308246	0.624597	1.60139	0.078804	0.654417	1.52892	0.788304	1.1432	1.1432	0.53884	1.12247	1.12247	0.37164	1.17161	1.17161		0.729395	1.03035	-1.02098	0.931274	0.943988	-1.05977	0.842724	1.12712	1.12712	0.85591	1.06144	1.06144	0.529648	0.43464	0.74947	1
cg09767346	GORAB;GORAB;GORAB	0.818893	0.100205	0.379506	-2.63501	0.978534	1.01643	1.01643	0.943317	1.03899	1.03899	0.691922	1.23894	1.23894	0.847913	0.901868	-1.10881		0.542231	1.39358	1.39358	0.59173	0.748525	-1.33596	0.782047	0.861405	-1.16089	0.878623	0.921078	-1.08568	0.529205	2.42555	4.07413	1
cg26293172	ADCY3	0.818905	0.596059	0.787271	-1.30333	0.478844	1.08046	1.08046	0.850369	0.944403	-1.05918	0.734432	-1.39971	0.787663	0.144304	1.44829	0.644296	0.624	0.239844	0.41511	-2.40961	0.144255	0.384611	0.716831	-1.39504	0.10323	0.977435	0.980202	-1.0141	0.529226	2.42518	1
cg05566965	BID;BID;BID;BID	0.818909	0.188322	0.747787	-1.33728	0.456853	1.17115	1.17115	0.706719	0.924214	-1.082	0.889186	0.971351	-1.02949	0.490541	0.864145	-1.15721		0.530489	0.879518	-1.14166	0.322016	0.80791	-1.23776	0.988506	1.00037	1.00037	0.566588	0.886229	-1.12838	0.529182	0.364336	0.611991	1
cg01024247	MIR589;FBXL18	0.818933	0.584412	0.609741	-1.64004	0.141208	0.242374	-4.12586	0.814371	0.810045	-1.2345	0.754561	0.755103	-1.32432	0.30574	0.386794	-2.58535		0.546633	0.579024	-1.72704	0.416589	0.47538	-2.10358	0.318244	0.396933	-2.51932	0.949665	0.945024	-1.05817	0.529148	6.72337	11.2943	1
cg20731553	MRPS23	0.818937	0.183422	0.747787	-1.33728	0.456853	1.17115	1.17115	0.706719	0.924214	-1.082	0.889186	0.971351	-1.02949	0.490541	0.864145	-1.15721		0.778035	1.14587	1.14587	0.105804	1.17464	1.17464	0.559272	1.15812	1.15812	0.920548	0.975502	1.02511	0.529268	0.518098	0.87013	1
cg03142411	RGS12;RGS12;RGS12	0.818953	0.545946	1.47868	1.47868	0.565805	1.44997	1.44997	0.974483	1.02068	1.02068	0.536017	1.49348	1.49348	0.765674	1.21083	1.21083		0.724806	1.25387	1.25387	0.11768	1.26702	1.26702	0.810949	1.16577	1.16577	0.233141	2.22594	2.22594	0.529118	3.43312	5.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	DF
cg04456912	ZNF783		0.859261	0.986548	-1.01364	0.860687	0.957645	-1.04423	0.255131	0.74823	-1.13649	0.870818	0.96341	-1.03798	0.856878	0.956498	-1.04548		0.653354	1.11859	1.11859	0.491871	1.18767	1.18767	0.20376	0.718587	-1.35162	0.525254	0.85334	-1.17387	0.527754	0.507333	0.854494	1
cg21591486	HLA-A		0.819917	0.234313	0.342723	-2.91781	0.977305	1.02473	0.691279	0.889607	-1.12409	0.663068	0.686237	-1.45722	0.241788	0.349122	-2.86433		0.423351	0.495413	-2.01852	0.517988	0.569541	-1.7558	0.592742	1.58999	1.58999	0.757661	1.30452	1.30452	0.52773	0.166003	0.10858	1
cg16670573	SNRNP25;POLR3K		0.819331	0.797802	1.30699	1.30699	0.65053	1.60899	1.60899	0.934869	0.918297	-1.08897	0.932728	0.91572	-1.09204	0.798888	0.766248	-1.30506		0.816191	0.77966	-1.28261	0.22714	3.75196	3.75196	0.255914	0.290318	-3.44449	0.433087	2.30308	2.30308	0.527711	0.98927	15.3102	1
cg22008800	ZNF774;ZNF774		0.819338	0.679887	0.684413	-1.46111	0.953709	0.948308	-1.05404	0.210109	3.37315	3.37315	0.784966	1.28383	1.28383	0.297275	0.370754	-2.69723		0.946479	1.06322	1.06322	0.988406	1.01336	1.01336	0.508835	1.84661	1.84661	0.558049	1.71922	1.71922	0.532286	0.765557	10.0559	1
cg15906181	AAK1		0.819954	0.172241	0.802304	-1.24641	0.804549	0.963109	-1.0383	0.537245	0.909635	-1.09934	0.846464	0.971039	-1.02982	0.793073	0.982509	-1.0178		0.861551	0.973883	-1.02682	0.348024	0.863746	-1.15775	0.955061	0.991493	-1.00858	0.357151	1.15439	1.15439	0.527678	0.192073	0.323552	1
cg04815758	DLX2;DLX2		0.819963	0.5942	1.17975	1.17975	0.90265	1.03833	1.03833	0.888472	0.957035	-1.04489	0.818462	0.931765	-1.07323	0.514437	1.22536	1.22536		0.377811	1.32072	1.32072	0.121413	1.67568	1.67568	0.582609	1.18605	1.18605	0.709588	0.923108	0.41833	0.527665	0.78975	1.33039	1
cg09304724	CWC22;CWC22		0.819963	0.374272	0.745408	-1.34155	0.677215	1.14439	1.14439	0.954099	0.981626	-1.01872	0.848711	1.06346	1.06346	0.25318	0.680799	-1.46886		0.565351	0.829245	-1.20592	0.537578	1.22276	1.22276	0.996994	0.998787	-1.00121	0.37293	1.34272	1.34272	0.527664	0.867432	1.46125	1
cg23009115	C1orf39		0.820005	0.25274	1.13891	1.13891	0.83133	0.979955	1.05154	0.773957	1.42386	1.42386	0.701586	0.910228	-1.09863	0.948001	0.884933	-1.01606		0.990734	1.00283	1.00283	0.963593	0.868356	-1.1516	0.764027	1.09008	1.09008	0.985791	0.99564	-1.00408	0.527604	0.498741	0.840261	1
cg15970015	RPTOR;RPTOR		0.820007	0.698139	1.07236	1.07236	0.768125	1.05442	1.05442	0.672055	0.926511	-1.07932	0.160245	0.902428	1.10822	0.854228	1.17078	1.17078		0.553536	0.898141	-1.11341	0.53139	1.11955	1.11955	0.552377	1.12849	1.12849	0.989167	0.997569	0.100444	0.527601	0.268475	0.45232	1
cg13198680	PTK2;PTK2		0.82001	0.819327	1.03332	1.03332	0.301164	1.16588	1.16588	0.940172	0.988304	-1.01081	0.577478	0.922543	-1.08396	0.739317	0.953285	-1.049		0.996824	1.00057	1.00057	0.156215	1.24272	1.24272	0.762229	0.95746	-1.04443	0.648014	1.06806	1.06806	0.527597	0.171492	0.288928	1
cg04179165	SYNGR1;SYNGR1		0.820014	0.386263	0.783359	-1.27655	0.976567	0.997982	1.00222	0.195726	1.27011	1.27011	0.424748	0.992441	1.25119	0.312339	0.75081	-1.33283		0.977172	0.992165	1.0079	0.480323	1.21802	1.21802	0.555049	0.998542	-1.17835	0.942184	1.02014	1.02014	0.527591	0.63147	1.0639	1
cg25344133	ZNF773		0.820016	0.48617	2.98807	2.98807	0.638706	0.82091	1.08291	0.580216	2.3793	2.3793	0.96418	0.900618	-1.11035	?	?		0.348887	0.46337	1.46537	0.784248	1.53087	1.53087	0.28335	0.177367	-5.63801	0.615152	0.455421	-2.19577	0.509763	17.2781	33.8943	1
cg05537671	SLC03A1;SLC03A1		0.820019	0.802905	0.80761	-1.03739	0.374537	1.42297	1.42297	0.924689	1.55247	1.55247	0.347324	1.45439	1.45439	0.89358	1.05316	1.05316		0.425339	1.3703	1.3703	0.595787	0.812863	-1.23122	0.605174	1.22364	1.22364	0.373122	1.43454	1.43454	0.527585	1.2515	2.10856	1
cg26528435	BEX1;BEX1		0.820026	0.248739	0.0991063	-10.0902	0.915062	0.815015	-1.22697	0.988257	0.972178	-1.02862	0.298988	0.87643	1.87643	0.688727	2.16417	2.16417		0.310039	0.133456	-7.49308	0.747964	1.85543	1.85543	0.981518	1.04541	1.04541	0.815203	0.638348	-1.56654	0.527573	30.7143	51.7493	1
cg13462158	PCSK9		0.820032	0.461517	2.0662	2.0662	0.332362	2.63302	2.63302	0.987284	0.984689	-1.01555	0.960381	1.04926	1.04926	0.184725	1.21356	1.21356		0.370423	2.43618	2.43618	0.203073	3.67214	3.67214	0.381241	2.94321	2.94321	0.879437	0.863342	-1.15829	0.527565	7.83095	13.1943	1
cg16606185	C21orf33;C21orf33;C21orf33;C21orf33		0.820056	0.731551	0.906924	-1.10263	0.270528	0.722191	-1.38468	0.265968	0.719758	-1.38936	0.963933	0.987254	-1.01291	0.929837	1.0253	1.0253		0.360044	1.30599	1.30599	0.473769	0.813271	-1.2296	0.788226	1.07937	1.07937	0.946295	0.98107	-1.01929	0.527553	0.67243	1.13304	1
cg04340883	MEX3D		0.82006	0.75362	1.1997	1.1997	0.530658	0.771461	-1.29624	0.331096	1.50632	1.50632	0.704098	0.855662	-1.16869	0.279991	0.632048	-1.58216		0.453847	0.731155	-1.3677	0.614515	0.813248	-1.23055	0.90169	1.05178	1.05178	0.433172	0.721272	-1.38644	0.527525	1.1943	2.14962	1
cg11953434	RFWD2;RFWD2		0.820065	0.725498	1.09722	1.09722	0.374904	1.27267	1.27267	0.324411	1.30922	1.30922	0.854228	0.952474	-1.0499	0.178394	1.46016	1.46016		0.579386	0.862232	-1.15978	0.529946	1.18347	1.18347	0.7637	1.10804	1.10804	0.703895	0.826391	0.61754	0.527518	0.585605	0.986767	1
cg22933800	HLA-DQA1		0.820068	0.553174	0.35352	-2.8287	0.901874	0.807509	-1.23838	0.986522	0.971145	-1.02971	0.71185	0.525669	-1.90234	0.298692	0.46964	0.46964		0.798742	0.642180	-1.55717	0.597509	0.3971	-2.51825	0.904143	0.811533	-1.23224	0.155156	0.0715829	-13.9698	0.527513	25.1013	42.2971	1
cg16878007	TTPAL;TTPAL;TTPAL;TTPAL		0.820069	0.163769	2.43135	2.43135	0.276565	0.976956	0.968859	0.214154	0.852016	0.851906	0.174788	0.634078	1.57407	0.151504	0.201282	0.4925	1.51446	0.96398	1.03952	1.03952	0.613262	1.51442	1.51442	0.66505	1.44529	1.44529	0.470514	1.87775	1.87775	0.525711	0.61421	10.3702	1
cg18005807	MICAL3;MICAL3;MICAL3		0.82008	0.690665	1.08668	1.08668	0.192206	0.750618	-1.33224	0.38752	0.831885	-1.20209	0.698454	0.922285	-1.08426	0.701775	1.08324	1.08324		0.963759	0.990602	-1.00949	0.698931	0.922411	-1.08412	0.411673	1.19058	1.19058	0.172319	1.06188	1.06188	0.527496	0.367086	0.607964	1
cg17928095	TMEM79;SMG5;TMEM79		0.8201	0.31123	1.19	1.19	0.813575	1.04	1.04	0.816451	1.03936	1.03936	0.924048	1.01596	1.01596	0.910085	0.981418	-1.01893		0.396668	0.865794	-1.15501	0.802466	1.0425	1.0425	0.186692	0.792627	-1.26163	0.895635	1.02203	1.02203	0.527467	0.230294	0.388091	1
	DBNDD2;DBNDD2;DBNDD2;SYS1-DBNDD2;SYS1																									
cg07277624	DBNDD2;DBNDD2		0.820102	0.65114	1.12797	1.12797	0.849686	0.950149	-1.05147	0.567896	0.858377	-1.16499	0.962499	0.987639	-1.01252	0.792601	1.07216	1.07216		0.580996	1.5189	1.5189	0.157981	0.670777	-1.49081	0.662874	1.12304	1.12304	0.413215	0.801484	-1.24769	0.527465	0.584582	0.985144	1
cg11654006	ACOT7;ACOT7;ACOT7;ACOT7		0.820104	0.879013	0.809174	0.974376	0.610241	0.729479	-1.37084	0.687904	0.798088	-1.33368	0.601852	1.48559	1.48559	0.072402	0.439539	-2.33579		0.606837	0.506633	-1.97495	0.443811	0.587651	-1.70181	0.747707	0.799453	-1.25073	0.5317	0.636533	-1.57107	0.527462	4.24751	7.15798	1
cg10997500	LAMP1		0.82014	0.950146	1.03433	1.03433	0.388123	1.61202	1.61202	0.882884	1.08282	1.08282	0.611298	0.758303	-1.31873	0.386984	0.619554	-1.61396		0.181903	0.465385	-2.14876	0.762058	0.848804	-1.17813	0.886143	0.925574	-1.08041	0.489144	0.684341	-1.46126	0.527441	2.43408	4.10236	1
cg10376443	MYO1E		0.820149	0.591983	1.31996	1.31996	0.538183	1.64702	1.64702	0.663729	0.69153	1.69153	0.301981	1.86764	1.86764	0.845989	0.985589	-1.01229		0.657718	1.3018	1.3018	0.151988	2.48775	2.48775	0.342669	0.958181	-1.04364	0.887081	1.70553	1.70553	0.527396	2.94569	4.56475	1
cg20197087	ARHGDIB		0.820177	0.526559	0.727469	-1.37463	0.567011	1.33234	1.33234	0.65734	0.801411	-1.2478	0.925124	0.954457	-1.04772	0.798364	1.13535	1.13535		0.523957	1.37746	1.37746	0.464148	0.918588	-1.08863	0.138696	2.20422	2.20422	0.738401	1.84673	1.84673	0.527356	2.05371	3.46164	1
cg11227645	CNIH4		0.820182	0.447547	0.888152	-1.12593	0.299014	1.17932	1.17932	0.906581	0.982172	-1.01815	0.654424	0.933291	-1.07148	0.593422	1.08608	1.08608		0.813973	1.03719	1.03719	0.590891	0.920213	-1.0867	0.300047	1.17887	1.17887	0.512935	1.10161	1.10161	0.527349	0.196098	0.330538	1
cg08060902	ZNF709;ZNF709		0.820194	0.622754	1.1229	1.1229	0.678089	0.91705	-1.0905	0.403949	1.24286	1.24286	0.822632	1.22022	1.22022	?	?		0.602816	0.640615	-1.561	?	?		0.622417	0.656369	-1.52353	0.459922	1.53984	1.53984	0.527332	10.13	10.13	1
cg03356537	ATP11A;ATP11A		0.820195	0.979468	1.00648	1.00648	0.702602	0.908254	-1.10101	0.332556	1.22495	1.22495	0.284499	0.909004	1.30227	0.302277	0.914374	1.02181	1.02181		0.617552	0.881367	-1.1346	0.307783	1.3032	1.3032	0.323378	1.29158	1.29158	0.885544	1.03679	1.03679	0.527331	0.52555	0.885887	1
cg23647884	NDUFB4;NDUFB4		0.820203	0.63166	1.0966	1.0966	0.955658	0.993765	-1.0111	0.945766	1.16662	1.16662	0.508838	0.925225	1.08025	0.939117	0.9881	-1.0121		0.752069	1.0952	1.0952	0.141259	1.51881	1.51881	0.322816	1.22564	1.22564	0.864806	1.27614	1.27614	0.527306	0.615104	0.895716	1
cg26763198	GABRR3		0.820222	0.640047	0.864042	-1.15735	0.903707	0.9631	-1.03831	0.504273	0.81017	-1.23431	0.382017	0.756907	-1.32117	0.849825	0.942816	-1.06065		0.42739	1.28625	1.28625	0.247123	1.45636	1.45636	0.627424	1.16409	1.16409	0.717506	1.11949	1.11949	0.527292	0.805921	1.35859	1
cg05425664	TRIM37;TRIM37;TRIM37;TRIM37		0.820229	0.275141	0.806906	-1.2393	0.909538	1.02171	1.02171	0.485343	1.14337	1.14337	0.989293	0.997467	-1.00254	0.995115	1.00116	1.00116		0.945819	0.987239	-1.01293	0.302252	1.08101	1.08101	0.124401	1.21401	1.21401	0.90927	1.02178	1.02178	0.527282	0.298204	0.50271	1
cg09982234	ALDH3B1		0.820233	0.401747	0.799065	-1.2508	0.991574	0.998738	1.00138	0.975538	0.955328	1.04233	0.248293	0.889901	1.12359	0.860676	1.00941	1.00941		0.95441	1.04322	1.04322	0.634842	1.44016	1.44016	0.156474	0.924677	-1.08146	0.542776	0.547342	0.527276	0.47434	0.771617	3.78033	1
cg04956480	LRRC3B		0.820265	0.177924	0.19422	-5.1488	0.742168	0.685288	-1.45924	0.776036	1.38612	1.38612	0.583996	0.531	-1.88324	0.660139	0.602574	-1.65955		0.264315	3.78818	3.78818	0.865577	0.823701	-1.21403	0.958697	1.06108	1.06108	0.874091	0.835082	-1.19749	0.52723	10.9422	18.4481	1
cg20445053	LASS6		0.820268	0.416833	0.781956	-1.27935	0.970596	0.968859	-1.03214	0.558158	1.05481	1.05481	0.852016	0.85321	1.17184	0.660878	0.737984	-1.35573		0.404717	2.48285	2.48285	0.402656	0.918353	-1.08896	0.155373	0.542832	1.84248	1.84248	0.542228	0.18883	0.29293	1
cg10398455	EXOC6B		0.820327	0.755744	0.916217	-1.09145	0.947174	1.01875	-1.01875	0.380671	1.28296	1.28296	0.701275	1.11414	1.11414	0.814898	1.26116	1.26116		0.778091	1.08245	1.08245	0.122453	1.59897	1.59897	0.92146	1.02804	1.02804	0.742616	0.911734	-1.09681	0.527223	0.656598	1.10701	1
cg08964756	EPS1A		0.820277	0.902945	1.09331	1.09331	0.252997	0.417682	-2.39416	0.406854	0.5377	-1.85977	0.96366	0.967233	-1.03388	0.424424	1.81578	1.81578		0.389757	1.09653	1.09653	0.478447	1.69375	1.69375	0.646594	1.40155	1.40155	0.508357	0.612233	-1.63336	0.527212	4.46471	7.52758	1
cg13100218	PTGFRN		0.820279	0.678792	1.07509	1.07509	0.715064	1.12626	1.12626	0.643947	0.850754	1.15224	0.483753	1.37976	1.37976	0.131524	1.51524	1.51524		0.84638	1.09318	1.09318	0.472508	1.28828	1.28828	0.491097	1.2441	1.2441	0.706001	1.14011	1.14011	0.527255	0.868905	1.44167	1
cg13133619	NCAPD3;VPS26B;NCAPD3		0.820283	0.955154	0.984461	-1.01578	0.404799	1.26792	1.26792	0.228918	1.42137	1.42137	0.453558	0.808464	-1.23691	0.392616	0.783576	-1.2762		0.71828	1.10615	1.10615	0.763641	0.919747	-1.08701	0.857323	1.05139	1.05139	0.527179	0.647502	1.09177	1
cg23430742	DYNLL1;SF4;SI;DYNLL1		0.820303	0.128757	0.79509	-1.25758	0.97429	0.974197	-1.02654	0.196183	1.74197	1.74197	0.146776	0.61852	-1.61703	0.273388	0.617249	-1.62002		0.834749	1.43078	1.43078	0.475193	2.0481	2.0481	0.146902	1.13908	1.13908	0.449826	0.545078	-1.83496	0.445397	0.175907	0.647502	1.09177	1
cg00714078	RAB3GAP1		0.820305	?	?	?	0.376088	?	1.54977	1.54977	0.613215	1.2787	1.2787	0.551358	1.33735	1.33735	0.5181	0.729052	-1.37164		0.350294	1.58992	1.58992	0.871834	0.925084	-1.08098	0.91003	1.05603	1.05603	0.274927	1.72954	1.72954	0.509342	1.668	3.27481	1
cg20179986	HNRPLL;HNRPLL		0.820326	0.431178	1.36751	1.36751	0.49921	1.36872	1.36872	0.328504	1.80287	1.80287	0.909041	1.04534	1.04534	0.394458	0.740254	-1.35044		0.364638	1.06938	1.06938	0.472508	1.28828	1.28828	0.491097	1.2441	1.2441	0.706001	1.14011	1.14011	0.527255	0.868905	1.44167	1
cg06639663	LRIC3;TB2		0.820346	0.812768	0.94236	-1.06117	0.807032	0.98314	1.00214	0.905956	1.03181	1.03181	0.554477	0.96136	1.04777	0.916362	1.03881	1.03881		0.637312	1.12617	1.12617	0.347032	1.25722	1.25722	0.567081	0.74907	-1.33496	0.360398	0.790362	1.26524	0.527113	0.526333	0.881334	1
cg07894501	GTF2E1;RAB13		0.820348	0.418967	1.26474	1.26474	0.815677	0.935746	-1.06867	0.300692	0.737125	-1.35662	0.68638	1.12237	1.12237	0.535406	1.19543	1.19543		0.963178	0.986956	-1.01322	0.480778	0.815603	-1.22609	0.59896	1.16291	1.16291	0.368148	1.30069	1.30069	0.527111	0.675252	1.13871	1
cg22148138	BCL2L12;BCL2L12		0.820358	0.682224	1.1229	1.1229	0.465579	0.617774	1.75132	1.2901	0.345139	0.653123	-1.5361	0.377539	0.652263	-1.53282	0.341631	0.888466	-1.12544	0.389907	0.636866	1.56283	0.183569	0.489499	2.04291	0.467702	0.687409	1.45374	0.420702	0.659346	1.51665	0.527088	2.1406	0.60901	1
cg20994720	GBA;GBA;GBA;GBA		0.820368	0.946138	1.01432	1.01432	0.298398	0.796997	-1.25471	0.380658	0.827538	-1.2084	0.925705	0.91983	1.01983	0.243234	0.773328	-1.29311		0.769059	0.939903	-1.06394	0.593856	0.892878	-1.11997	0.713051	1.08086	1.08086	0.501895	1.15427	1.15427	0.527064	0.369916	0.62386	1
cg04275377	NOM1		0.820381	0.428138	0.854719	-1.22639	0.995102	0.994953	-1.00155	0.974525	1.07514	1.07514	0.973177	1.00845	1.00845	0.967994	1.01017	1.01017		0.266179	1.1942	1.1942	0.416744	1.23287	1.23287	0.313258	0.768675	-1.30094	0.597632	0.906213	-1.10349	0.527056	0.515104	0.895716	1
cg11158435	BIN3		0.820389	0.553215	0.873567	-1.14473	0.703803	1.08094	1.08094	0.741766	1.37736	1.37736	0.467581	0.845885	1.18205	0.574866	1.74122	1.74122		0.524	1.864574	-1.15664	0.391036	2.803331	2.803331	-1.21902	0.26125	3.82516	1.302116	0.974434	0.902804	1.027051	0.423893	0.734909	1
cg14787123	PXT1;ICTQ20		0.82039	0.33129	0.727967	-1.37369	0.914278	1.0272	1.0272	0.395562	1.31731	1.31731	0.404055	0.763045	-1.31054	0.854048	1.06006	1.06006		0.255249	1.45677	1.45677	0.804688	1.07986	1.07986	0.937732	0.975556	-1.02506	0.896337	0.959552	-1.04215	0.52705	0.837456	1.4124	1
cg07709446	BLVRB		0.820396	0.61536	1.09354	1.09354	0.06909	0.929432	1.08179	0.570963	0.906972	1.10257	0.836356	0.910361	1.09841	0.916362	1.09172	0.910715		0.524284	1.11009	1.11009	0.574654	1.11467	1.11467	0.765089	1.32172	1.32172	0.534741	0.912317	-1.09624	0.527052	0.106247	0.190267	1
	PPP1R12B;PPP1R12B;PPP1R12B;PPP1R12B																									
cg00046018	2B		0.820412	0.829313	1.0429	1.0429	0.528901	1.13213	1.13213	0.288468	0.807044	-1.23909	0.452669	1.16048	1.16048	0.950089	1.01225	1.01225		0.598891	1.10878	1.10878	0.647961	1.09355	1.09355	0.929638	1.01733	1.01733	0.209884	1.29307	1.29307	0.527018	0.315892	0.532797	1
cg04506342	BAZ2B		0.820446	0.181238	0.585486	-5.39124	0.412774	0.370117	-2.70185	0.696615	1.59215	1.59215	0.718219	0.650431	-1.53744	0.919918	1.12678	1.12678		0.590931	1.90418	1.90418	0.728121	0.660841	-1.51322	0.453431	2.47571	2.47571	0.824239	1.30217	1.30217	0.526968	1.759	19.8351	1
cg13466901	CMP;CAPN5		0.820478	0.963713	1.0268	1.0268	0.895366	0.926364	-1.07949	0.6935	0.794333	-1.25892	0.907673	0.934784	-1.06977	0.791457	0.857231	-1.16655		0.403564	0.608439	-1.64355	0.236549	0.486295	-2.05636	0.885962	0.919968	-1.08699	0.127666	0.383862	-2.6051	0.526923	2.81991	4.75703	1
cg02226645	MIR124-2		0.820483	0.56288	1.49681	1.49681	0.252963	0.579	-1.72659	0.630031	1.66086	1.66086	0.694204	0.993455	1.00659	0.987012	1.00659	1.00659		0.438706	2.04026	2.04026	0.218343	1.10078	1.10078	0.569901	0.828418	-1.20707	0.464572	0.466051	2.14453	0.526901	0.184943	0.315028	1
cg27481141	TPCN2;TPCN2		0.820537	0.410469	0.813337	-1.2295	0.124167	0.664521	-1.50484	0.724521	1.09074	1.09074	0.505991	0.84734	-1.18016	0.720736	0.915657	-1.09211		0.787501	1.06857	1.06857	0.998181	1.00056	1.00056	0.999707	1.06461	1.06461	0.869908	1.04105	1.04105	0.526877	0.502775	0.848291	1
cg16990505	SDCCAG1		0.820546	0.351464	0.78116	-1.28001	0.94058	1.01354	1.01354	0.841211	0.725424	1.38161	0.283316	0.731044	1.36836	0.73104	1.36836	1.36836		0.354648	1.82818	1.82818	0.288238	1.48	1.48	0.908238	1.01015	1.01015	0.766779	0.912021	1.10012	0.526868	0.571298	0.970281	1
cg12994003	LBR;LBR;LBR		0.820551	0.395142	0.766364	-1.30486	0.45904	1.25905	1.25905	0.738796	1.10766	1.10766	0.523454	0.82072	-1.21844	0.622287	0.859234	1.16383		0.296224	0.718249	-1.39227	0.302708	0.721654	-1.38571	0.803308	1.07923	1.07923	0.870311	0.951301	-1.05119	0.526818	0.778954	1.31431	1
cg16857771	PHKG1		0.820553	0.505841	0.629973	-1.58737	0.842407	1.14597	1.14597	0.45026	1.72489	1.72489	0.566009	1.48659	1.48659	0.175948	0.373471	-2.67593		0.836495	1.15194	1.15194	0.762103	0.812357	-1.23099	0.631289	0.718227	-1.39218	0.731787	1.28667	1.28667	0.526814	3.90906	6.59572	1
cg15135209	SLC6A6;SLC6A6		0.820563	0.313407	0.779565	-1.28305	0.775955	0.794284	1.2597	0.991544	1.40799	1.40799	0.719593	0.919351	1.08767	0.774703	0.919351	1.08767		0.534683	1.62647	1.62647	0.614947	0.960591	-1.04135	0.902289	0.940651	-1.06324	0.422241	1.60709	0.523163	1.62914	0.83403	4.74741	0.79377	1
cg02928029	INTS8		0.820574	0.598908	1.11132	1.11132	0.858178	1.03621	1.03621	0.731562	1.07088	1.07088	0.973595	0.99344	-1.0066	0.530469	0.881293	-1.1347		0.34684	0.824781	-1.21244	0.180643	0.753755	-1.32669	0.418374	0.848367	-1.17874	0.867096	0.967242	-1.03387	0.526784	0.329928	0.556717	1
cg04402875	RET;RET		0.820582	0.802604	0.94556	-1.05552	0.573454	1.31556	1.31556	0.903494	0.974173	-1.02651	0.555229	0.878936	-1.13726	0.162484	0.724934	-1.37944		0.783924	0.942387	-1.06134	0.614303	0.881985	-1.13396	0.758758	0.988221	-1.01183	0.922881	0.655112	1
cg22487322	ILDR4		0.820602	0.145186	0.606169	-1.6497	0.502244	0.804199	-1.24347	0.84201	0.954435	-1.04774	0.835699	1.06871	1.06871	0.297775	0.707939	-1.41255		0.882585	0.953809	-1.04883	0.363132	0.741498	-1.34

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg07847233	SYCE2	0.821398	0.286251	0.560005	-1.7857	0.336596	0.595279	-1.67988	0.688252	1.23512	1.23512	0.796041	0.873179	-1.14524	0.324484	0.587002	-1.70357	0.828063	1.12062	1.12062	0.665973	0.796613	-1.25532	0.87087	0.918352	-1.08891	0.255738	0.537313	-1.86111	0.525596	2.28182	3.85901	1
cg25894334	FAM47E	0.821402	0.381595	2.55784	2.55784	0.792778	1.31724	1.31724	0.986249	1.0182	1.0182	0.277745	3.25856	3.25856	0.395279	0.402061	-2.48719	0.505779	2.02711	2.02711	0.425047	0.42633	-2.3456	0.836357	0.805367	-1.24167	0.945878	1.07363	1.07363	0.52559	9.11722	15.4192	1
cg23435821	ACACB	0.821413	0.506956	0.692585	-1.44387	0.800502	0.870969	-1.14815	0.277594	0.540079	-1.85158	0.46616	0.667238	-1.49872	0.319368	0.57039	-1.75319	0.144839	0.425559	-2.34985	0.838771	0.894803	-1.11756	0.554976	0.721967	-1.3851	0.669692	0.791271	-1.26379	0.525575	2.47778	4.19059	1
cg20063963	NFASC;NFASC;NFASC;NFASC	0.821416	0.900655	0.955951	-1.04608	0.270888	1.51591	1.51591	0.846608	0.932518	-1.07236	0.764715	0.897351	-1.11439	0.912643	1.04038	1.04038	0.744783	1.1251	1.1251	0.285479	0.668679	-1.49549	0.463548	1.30975	1.30975	0.45001	1.32105	1.32105	0.521119	1.05108	1.56875	1
cg22169384	GLT1D1	0.821454	0.261072	1.86504	1.86504	0.915132	1.05832	1.05832	0.472538	0.678043	-1.47483	0.900327	0.935539	-1.0689	0.650444	1.27454	1.27454	0.728988	1.20317	1.20317	0.630105	1.29438	1.29438	0.270242	1.84128	1.84128	0.50926	0.700456	-1.42764	0.525516	2.35357	3.98096	1
cg05838160	LASS5	0.82146	0.990469	1.00683	1.00683	0.466872	1.52499	1.52499	0.242481	2.00811	2.00811	0.966318	0.97622	-1.02436	0.336447	0.568425	-1.75925	0.833059	0.886651	-1.12784	0.411114	0.619377	-1.61453	0.703896	0.804413	-1.24314	0.739722	0.826934	-1.20929	0.525507	2.70378	4.57341	1
cg12679910	MRPL38	0.821467	0.907864	1.02247	1.02247	0.201178	1.29582	1.29582	0.544134	0.888821	-1.12509	0.6082	1.10436	1.10436	0.899611	0.976063	-1.02452	0.446893	1.16047	1.16047	0.920059	0.980913	-1.01946	0.985948	0.996625	-1.00339	0.253408	1.25732	1.25732	0.525497	0.306719	0.518821	1
cg25262147	TSPAN18	0.821468	0.27492	0.496573	-2.0138	0.53741	0.680559	-1.46938	0.834302	0.878896	-1.13779	0.939092	1.04822	1.04822	0.180268	0.416078	-2.40339	0.510614	0.662833	-1.50867	0.743586	1.22419	1.22419	0.539429	0.681891	-1.46651	0.702771	1.26651	1.26651	0.525496	3.16072	5.34643	1
cg18475039	CD70	0.821469	0.863656	1.04981	1.04981	0.494802	1.21659	1.21659	0.70257	1.11461	1.11461	0.858582	1.05173	1.05173	0.173531	0.663969	-1.50609	0.989634	0.996333	-1.00368	0.977391	0.992017	-1.00805	0.468297	0.811645	-1.23207	0.374784	0.772879	-1.29386	0.525494	0.665661	1.12598	1
cg20389847	EXT1	0.82147	0.624567	0.801663	-1.24741	0.565996	0.771019	-1.29698	0.904938	0.94786	-1.05501	0.853038	1.08667	1.08667	0.471025	1.38908	1.38908	0.338001	1.55689	1.55689	0.552962	1.30868	1.30868	0.733868	1.16527	1.16527	0.193819	1.85187	1.85187	0.525492	1.67189	2.82807	1
cg00970558	CLEC4GP1	0.821475	0.662119	0.686659	-1.45633	0.55024	1.67655	1.67655	0.517453	0.570618	-1.75249	0.777433	0.784842	-1.27414	0.217323	0.32968	-3.03324	0.271085	0.375479	-2.66326	0.675684	0.697884	-1.4329	0.556488	0.60141	-1.66276	0.658226	1.46316	1.46316	0.525486	6.08271	10.2893	1
cg19722391	HIST1H1T	0.821476	0.692314	1.09175	1.09175	0.963017	1.01029	1.01029	0.526996	0.868082	-1.15197	0.406709	1.20603	1.20603	0.862369	1.03904	1.03904	0.311693	1.25986	1.25986	0.176678	1.37298	1.37298	0.619903	1.11667	1.11667	0.892478	0.970592	-1.0303	0.525484	0.405421	0.685795	1
cg21051031	C5orf36;C5orf36;MIR1974	0.82149	0.383799	1.59162	1.59162	0.628491	1.28884	1.28884	0.544143	1.37644	1.37644	0.409487	1.55114	1.55114	0.688169	1.23363	1.23363	0.462412	1.47596	1.47596	0.150932	2.22786	2.22786	0.904088	1.06474	1.06474	0.62354	0.773011	-1.29364	0.525464	2.25396	3.81286	1
cg15765896	SPRYD3	0.821491	0.948416	1.01008	1.01008	0.487307	0.896354	-1.11563	0.849366	1.02992	1.02992	0.645138	0.930625	-1.07455	0.277173	1.19152	1.19152	0.74869	1.0511	1.0511	0.239885	0.826294	-1.21022	0.896164	1.02045	1.02045	0.5256	0.905086	-1.10487	0.525462	0.200063	0.338433	1
cg16740092	ANTXR2;ANTXR2	0.821501	0.86745	0.946607	-1.05641	0.680276	1.14582	1.14582	0.368035	0.738058	-1.35491	0.59339	1.19368	1.19368	0.736434	0.894966	-1.11736	0.679188	1.14639	1.14639	0.286032	1.43903	1.43903	0.660989	1.156	1.156	0.342053	0.725001	-1.37931	0.525448	0.898018	1.51916	1
cg01244514	MIR494	0.821501	0.248397	0.514697	-1.94289	0.725645	1.21402	1.21402	0.469603	1.49924	1.49924	0.734824	0.82933	-1.20579	0.30056	0.554061	-1.80486	0.990782	0.993661	-1.00638	0.518709	0.697593	-1.4335	0.832589	0.890014	-1.12358	0.404009	0.624985	-1.60004	0.525448	2.5215	4.26557	1
cg25336000	GGH	0.821511	0.973885	1.00606	1.00606	0.171504	0.764415	-1.30819	0.827041	0.960423	-1.04121	0.785052	1.05175	1.05175	0.374163	0.845067	-1.18334	0.934187	0.984874	-1.01536	0.455918	0.869243	-1.15043	0.895451	1.02456	1.02456	0.448746	1.1531	1.1531	0.525433	0.283389	0.479416	1
cg01770333	RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1;RAP1GDS1	0.821522	0.178146	5.15009	5.15009	0.549778	2.0002	2.0002	0.968462	1.04633	1.04633	0.194308	4.82119	4.82119	0.347128	3.0314	3.0314	0.550551	1.99745	1.99745	0.713482	1.52573	1.52573	0.9385	1.09242	1.09242	0.833668	1.2724	1.2724	0.525418	10.9205	18.475	1
cg01527261	TMEM214;TMEM214	0.821533	0.587699	0.901438	-1.10934	0.527498	0.885728	-1.12901	0.827197	1.04231	1.04231	0.472841	1.14844	1.14844	0.56743	1.11579	1.11579	0.920643	1.01907	1.01907	0.168629	1.32055	1.32055	0.77165	0.946334	-1.05671	0.527616	1.12897	1.12897	0.525402	0.29898	0.505823	1
cg04269497	RNASET2	0.82155	0.213597	1.87492	1.87492	0.850545	1.09476	1.09476	0.644237	1.25005	1.25005	0.485419	0.711609	-1.40527	0.980267	0.9882	-1.01194	0.595686	0.773347	-1.29308	0.582124	1.3057	1.3057	0.628364	1.26377	1.26377	0.30469	1.66557	1.66557	0.525378	1.91674	3.24294	1
cg12258919	NTN3	0.821551	0.374628	0.254388	-3.931	0.363585	0.245961	-4.06568	0.145126	0.0953368	-10.4891	?	?	?	0.672078	0.527516	-1.89568	0.757378	0.627833	-1.59278	0.99676	1.00612	1.00612	0.910347	0.844339	-1.18436	0.535188	0.389329	-2.56852	0.507527	16.1225	31.7667	1
cg01387905	ADAMTS2	0.821577	0.284783	0.151862	-6.58491	0.854165	0.73189	-1.36633	0.869787	1.32089	1.32089	0.614214	2.36839	2.36839	0.457955	0.277446	-3.6043	0.775153	0.615195	-1.6255	0.57581	2.60888	2.60888	0.203057	0.102349	-9.7705	0.991515	0.982123	-1.0182	0.525338	23.9424	40.5113	1
cg13962513	LSM10	0.821578	0.826007	1.06265	1.06265	0.650333	1.13424	1.13424	0.741142	1.09582	1.09582	0.744681	1.09439	1.09439	0.973838	1.00909	1.00909	0.52083	0.835572	-1.19679	0.191728	0.682858	-1.46443	0.298693	1.34625	1.34625	0.820287	1.06482	1.06482	0.525337	0.633883	1.07255	1
cg00472375	ENTPD4;ENTPD4	0.821583	0.479172	1.54707	1.54707	0.819607	0.870615	-1.14861	0.270906	2.00428	2.00428	0.892006	1.08589	1.08589	?	?	?	0.510756	1.49875	1.49875	0.256233	2.05207	2.05207	0.993591	1.00488	1.00488	0.350818	1.79047	1.79047	0.50748	2.62859	5.17969	1
cg12845895	PQLC1;PQLC1;PQLC1	0.821601	0.362715	2.98267	2.98267	0.604749	1.84033	1.84033	0.247167	4.11041	4.11041	0.258034	3.96979	3.96979	0.478314	2.32117	2.32117	0.973762	1.03917	1.03917	0.231433	4.33303	4.33303	0.572504	1.94681	1.94681	0.727004	1.50596	1.50596	0.525304	11.3531	19.211	1
cg05005358	SLC6A19	0.821604	0.177306	1.65552	1.65552	0.567318	1.22541	1.22541	0.668998	0.859671	-1.16324	0.664647	1.16573	1.16573	0.454977	1.30677	1.30677	0.607082	1.20006	1.20006	0.286455	1.47576	1.47576	0.379361	1.37309	1.37309	0.726694	1.13131	1.13131	0.5253	1.02837	1.74016	1
cg16067210	FAM193B;FAM193B	0.821619	0.982353	0.991373	-1.0087	0.194256	0.583934	-1.71252	0.404087	0.71574	-1.39716	0.890559	1.05541	1.05541	0.807479	0.908795	-1.10036	0.718094	0.867608	-1.15259	0.878193	1.06192	1.06192	0.280134	1.55239	1.55239	0.851197	0.929076	-1.07634	0.525278	1.27661	2.16031	1
cg07584320	SESN3	0.821619	0.169722	2.00148	2.00148	0.202189	1.89425	1.89425	0.639511	1.25082	1.25082	0.439071	1.45412	1.45412	0.570202	1.31286	1.31286	0.572952	1.31027	1.31027	0.947341	0.969151	-1.03183	0.924854	1.04577	1.04577	0.487838	1.39707	1.39707	0.525278	1.87239	3.1685	1
cg11843188	TMEM123	0.821633	0.442736	0.73331	-1.36368	0.393173	0.706861	-1.41471	0.824729	0.916062	-1.09163	0.38747	0.703729	-1.421	0.186812	0.572385	-1.74707	0.320935	0.665466	-1.50271	0.283018	0.641858	-1.55798	0.707752	0.86164	-1.16058	0.590578	0.806597	-1.23978	0.520801	1.26089	1.88304	1
cg14801546	GTF3C6	0.821637	0.583044	0.883525	-1.13183	0.60938	0.891266	-1.122	0.613875	1.12035	1.12035	0.881927	0.967347	-1.03376	0.340415	0.802952	-1.2454	0.428902	1.19768	1.19768	0.241619	1.31493	1.31493	0.915391	1.02402	1.02402	0.853554	1.04214	1.04214	0.525251	0.41507	0.702429	1
cg02952735	CBLL1;CBLL1	0.82165	0.545298	1.22464	1.22464	0.88022	0.951305	-1.05119	0.474072	0.78582	-1.27256	0.4318	0.766739	-1.30422	0.695095	1.13929	1.13929	0.548642	0.817974	-1.22253	0.475664	0.786525	-1.27141	0.262185	1.47263	1.47263	0.856121	1.06193	1.06193	0.525233	0.911706	1.54295	1
cg18477928	CUX2	0.82165	0.714682	1.21227	1.21227	0.435587	1.51746	1.51746	0.908619	0.941577	-1.06205	0.832264	0.894762	-1.11762	0.732902	1.19673	1.19673	0.691831	1.23229	1.23229	0.615301	1.30427	1.30427	0.14184	0.436893	-2.28889	0.705288	0.819386	-1.22043	0.525233	2.2865	3.86961	1
cg18142906	WDR49	0.821652	0.423168	0.580849	-1.72162	0.866459	1.11825	1.11825	0.310946	2.00608	2.00608	0.56154	0.67718	-1.47671	0.316718	0.502898	-1.98848	0.904062	0.923047	-1.08337	0.820923	0.860225	-1.16249	0.476494	1.61728	1.61728	0.585988	0.69404	-1.44084	0.52523	3.66845	6.20841	1
cg11247649	INTS3	0.821659	0.851265	1.06816	1.06816	0.915625	1.03793	1.03793	0.162761	1.68779	1.68779	0.536153	1.24615	1.24615	0.63765	1.18134	1.18134	0.349679	1.40237	1.40237	0.230164	1.55617	1.55617	0.861511	0.940507	-1.06326	0.793566	1.0965	1.0965	0.52522	1.02641	1.73711	1
cg11392855	SH3BP2	0.821667	0.889737	1.17365	1.17365	0.85151	0.805469	-1.24151	0.682511	0.621829	-1.60816	0.278904	3.69587	3.69587	0.921796	1.12002	1.12002	0.208311	0.213607	-4.68149	0.69965	0.639047	-1.56483	0.540535	2.04719	2.04719	0.809896	0.75711	-1.32081	0.520752	10.7563	16.0652	1
cg19268452	B3GALT4;B3GALT4	0.82167	0.453933	0.845457	-1.18279	0.900532	1.0279	1.0279	0.801348	1.05705	1.05705	0.428323	0.836981	-1.19477	0.260587	0.772421	-1.29463	0.707846	1.08638	1.08638	0.319418	1.25412	1.25412	0.747817	0.931469	-1.07357	0.69325	0.916452	-1.09116	0.525204	0.402846	0.681802	1
cg18883041	RTBDN	0.821672	0.330808	0.568769	-1.75818	0.245874	0.50536	-1.97879	0.407731	0.62113	-1.60997	0.266831	0.521756	-1.9166	0.371277	0.596754	-1.67573	0.940194	0.958683	-1.0431	0.508447	0.685755	-1.45825	0.440329	0.642412	-1.55663	0.429676	0.635503	-1.57356	0.525201	2.63038	4.45185	1
cg15437741	SLC16A3;SLC16A3;SLC16A3	0.821675	0.971267	0.979641	-1.02078	0.558309	1.40223	1.40223	0.747969	1.20215	1.20215	0.847909	1.11589	1.11589	0.630074	0.757951	-1.31935	0.312069	0.550348	-1.81703	0.973187	0.980989	-1.01938	0.632317	1.31692	1.31692	0.177545	2.26674	2.26674	0.525197	2.71276	4.59131	1
cg22128849	AFAP1L2;AFAP1L2	0.821682	0.53997	0.85316	-1.17211	0.716545	1.09782	1.09782	0.866675	0.957905	-1.04395	0.371762	1.26456	1.26456	0.927655	0.977024	-1.02352	0.224265	1.38646	1.38646	0.623155	0.880939	-1.13515	0.522209	0.847035	-1.18059	0.58436	0.86815	-1.15188	0.525187	0.54491	0.922271	1
cg17282982	RSBN1;RSBN1	0.821695	0.605969	0.799982	-1.25003	0.988357	1.00628	1.00628	0.493915	1.34709	1.34709	0.229915	0.582601	-1.71644	0.855543	1.08129	1.08129	?	?	?	0.972919	1.01467	1.01467	0.476125	0.732897	-1.36445	0.457846	1.38297	1.38297	0.507318	1.3137	2.5895	1
cg07721365	IL6R;IL6R	0.821707	0.324234	0.812801	-1.23031	0.245005	1.28093	1.28093	0.721457	0.929711	-1.0756	0.666611	0.915542	-1.09225	0.632921	0.90668	-1.10292	0.913617	1.02234	1.02234	0.57121	0.890026	-1.12356	0.469848	1.16148	1.16148	0.792582	1.05512	1.05512	0.525151	0.34474	0.583519	1
cg05600581	NCRNA00087	0.821739	0.779035	0.563073	-1.77597	0.804984	0.603498	-1.65701	0.735595	1.99842	1.99842	0.695267	2.23567	2.23567	?	?	?	0.946945	1.14541	1.14541	0.189163	18.1351	18.1351	0.371835	6.60857	6.60857	0.409543	5.66643	5.66643	0.498584	27.8195	41.8477	1
cg18863848	GRID2IP	0.821739	0.456108	1.22779	1.22779	0.215003	1.42316	1.42316	0.272041	1.36222	1.36222	0.586564	0.862033	-1.16005	0.88229	1.04087	1.04087	0.547813	1.17873	1.17873	0.894039	1.03669	1.03669	0.43427	1.24074	1.24074	0.501296	1.20265	1.20265	0.525105	0.607916	1.02907	1
cg00517218	DOCK4;ZNF277	0.82174	0.791774	0.881127	-1.13491	0.714606	0.838903	-1.19203	0.934856	1.03987	1.03987	0.200471	0.523728	-1.90939	?	?	?	0.22732	0.545421	-1.83345	0.983653	1.00985	1.00985	0.591399	0.77168	-1.29587	0.414887	0.671248	-1.48976	0.507251	1.63363	3.22056	1
cg11793499	CFHR4	0.821743	0.795831	1.09909	1.09909	0.282102	0.665449	-1.50274	0.981196	1.00862	1.00862	0.404215	1.36479	1.36479	0.69366	0.865669	-1.15518	0.429464	0.745357	-1.34164	0.662116	1.17378	1.17378	0.942758	0.974173	-1.02651	0.302379	0.677526	-1.47596	0.525099	1.10421	1.8692	1
cg06498809	RPF2	0.821747	0.993892	1.00298	1.00298	0.924073	1.03777	1.03777	0.777021	0.895452	-1.11675	0.471192	0.751964	-1.32985	0.305193	0.661699	-1.51126	0.853645	1.07446	1.07446	0.19555	0.5872	-1.703	0.998094	0.999071	-1.00093	0.432086	1.36593	1.36593	0.525092	1.25793	2.12945	1
cg18789624	NOD1	0.821772	0.136483	0.572665	-1.74622	0.461603	0.77072	-1.29749	0.637084	0.847783	-1.17955	0.264379	0.667488	-1.49815	0.677674	0.864813	-1.15632	0.759098	0.89863	-1.11281	0.693122	0.871256	-1.14777	0.72531	0.884631	-1.13041	0.314374	0.696606	-1.43553	0.525056	1.00408	1.69985	1
cg25560831	PET112L	0.821773	0.724021	0.874304	-1.14377	0.929108	0.966846	-1.03429	0.508532	0.775594	-1.28933	0.55678	1.25256	1.25256	0.429676	1.35724	1.35724	0.789124	1.1069	1.1069	0.211912	0.607594	-1.64583	0.444942	1.3432	1.3432	0.970523	0.986097	-1.0141	0.525056	1.19385	2.02113	1
cg06747863	TAOK3	0.821774	0.821818	0.958871	-1.04289	0.81413	0.957097	-1.04483	0.945385	0.987325	-1.01284	0.549708	0.893423	-1.11929	0.950649	0.988542	-1.01159	0.711018	0.933057	-1.07175	0.234398	0.792879	-1.26123	0.366306	1.18864	1.18864	0.331474	1.2051	1.2051	0.525054	0.288282	0.488047	1
cg14793835	CMC1	0.821781	0.0811842	0.440438	-2.27047	0.752658	0.874512	-1.14349	0.918168	0.957348	-1.04455	0.477803	0.736309	-1.35812	0.892043	0.944033	-1.05928	0.940747	0.968962	-1.03203	0.721323	1.16406	1.16406	0.889454	0.94272	-1.06076	0.789575	0.892755	-1.12013	0.525044	1.4959	2.53252	1
cg24889095	ZNF738	0.82179	0.782365	0.956942	-1.045	0.647612	0.929466	-1.07589	0.437185	0.881639	-1.13425	0.479823	0.89211	-1.12094	0.529951	0.903816	-1.10642	0.565661	1.09669	1.09669	0.200959	1.23946	1.23946	0.767306	0.953932	-1.04829	0.936161	0.987348	-1.01281	0.525031	0.210063	0.355642	1
cg17821453	OMA1	0.821805	0.130248	0.319357	-3.1313	0.969392	1.02716	1.02716	0.951805	0.958663	-1.04312	0.542325	1.53844	1.53844	0.388977	0.539767	-1.85265	0.996638	0.997062	-1.00295	0.87061	0.892388	-1.12059	0.790399	0.830227	-1.20449	0.618262	1.42031	1.42031	0.525009	4.05609	6.86733	1
cg16277922	ASAP1	0.821812	0.585498	1.39348	1.39348	0.485267	1.53304	1.53304	0.722245	1.23992	1.23992	0.703669	0.794332	-1.25892	0.195641	2.28091	2.28091	0.958045	1.0322	1.0322	0.49844	1.51294	1.51294	0.356167	0.564499	-1.77148	0.937379	1.04848	1.04848	0.524999	3.01839	5.11051	1
cg13141192	NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2;NDRG2	0.821814	0.405112	2.33387	2.33387	0.920834	1.10359	1.10359	0.570488	1.7672	1.7672	0.182769	4.11528	4.11528	0.642156	0.62845	-1.59122	0.445553	2.16688	2.16688	?	?	?	0.61459	1.65541	1.65541	0.953739	0.9441	-1.05921	0.503232	6.81815	11.8551	1
cg13589218	FOXK1	0.821822	0.225354	2.45137	2.45137	0.462086	1.69413	1.69413	0.452364	1.71449	1.71449	0.738548	1.26603	1.26603	0.328586	2.03412	2.03412	0.660362	1.3653	1.3653	0.169073	2.80588	2.80588	0.605096	1.44386	1.44386	0.612266	1.43321	1.43321	0.524985	4.12289	6.98077	1
cg19269918	CDK16;CDK16;CDK16	0.821863	0.322833	0.53242	-1.87822	0.196039	0.430037	-2.32538	0.400902	0.588191	-1.70013	0.868313	0.902648	-1.10785	0.844534	0.885873	-1.12883	0.335591	0.541789	-1.84574	0.921304	0.940831	-1.06289	0.791035	1.17811	1.17811	0.717289	1.25162	1.25162	0.524925	3.16725	5.36331	1
cg22956635	HSF5	0.821882	0.190885	0.566932	-1.76388	0.292432	0.639174	-1.56452	0.692901	0.849891	-1.17662	0.48874	1.33402	1.33402	0.620266	1.22711	1.22711	0.846697	0.92375	-1.08254	0.884261	0.942059	-1.0615	0.81438	0.908126	-1.10117	0.586824	0.798636	-1.25213	0.524899	1.39587	2.36384	1
cg11277814	C6orf35	0.821883	0.100817	1.67788	1.67788	0.561714	0.844543	-1.18407	0.867037	1.04944	1.04944	0.653494	1.13897	1.13897	0.768397	1.08875	1.08875	0.968738	1.01135	1.01135	0.574074	1.17767	1.17767	0.642215	1.14423	1.14423	0.553305	1.1885	1.1885	0.524897	0.689354	1.16739	1
cg21574429	AIG1	0.821895	0.54693	0.825835	-1.2109	0.974054	0.989842	-1.01026	0.749465	1.10581	1.10581	0.654821	0.868261	-1.15173	0.431863	1.28637	1.28637	0.141871	0.609098	-1.64177	0.66004	0.870268	-1.14907	0.934454	0.974509	-1.02616	0.544025	0.824661	-1.21262	0.524879	0.81921	1.38734	1
cg19233001	TNNT2;TNNT2;TNNT2;TNNT2	0.821907	0.685973	0.819733	-1.21991	0.926011	1.04647	1.04647	0.348166	0.623541	-1.60374	0.225434	1.8637	1.8637	0.875278	0.926064	-1.07984	0.42996	1.48287	1.48287	0.485855	1.41382	1.41382	0.919254	0.951623	-1.05084	0.724433	0.841059	-1.18898	0.524862	1.98788	3.36661	1
cg01190637	KCNH6;KCNH6	0.821909	0.942491	0.966136	-1.03505	0.474073	0.706342	-1.41575	0.200888	0.524626	-1.90612	0.688346	1.21232	1.21232	0.980659	0.988491	-1.01164	0.314825	1.64269	1.64269	0.705011	1.19915	1.19915	0.596802	0.774968	-1.29038	0.891554	0.936938	-1.06731	0.52486	1.89547	3.21012	1
cg08984614	PLCXD2;PLCXD2	0.821931	0.764156	0.890484	-1.12299	0.532486	0.783705	-1.27599	0.606421	0.818462	-1.2218	0.969137	0.985196	-1.01503	0.259545	0.635467	-1.57365	0.710789	1.15439	1.15439	0.317036	1.48992	1.48992	0.956797	0.979333	-1.0211	0.429246	1.36488	1.36488	0.524828	1.23516	2.09195	1
cg10491652	MEX3A	0.821938	0.739178	0.934967	-1.06956	0.893974	0.973521	-1.0272	0.266013	0.791954	-1.2627	0.737868	0.934636	-1.06993	0.549828	1.1295	1.1295	0.469156	0.862249	-1.15976	0.210059	0.766568	-1.30452	0.722202	0.930679	-1.07448	0.368927	0.830511	-1.20408	0.524817	0.336648	0.570184	1
cg13692482	SLC2A8	0.821944	0.341164	0.272217	-3.67354	0.563544	0.460882	-2.16975	0.994782	0.991363	-1.00871	0.466879	0.374517	-2.67011	0.871062	1.24046	1.24046	0.696392	1.68232	1.68232	0.340959	3.6757	3.6757	0.313051	0.25052	-3.99169	0.821278	1.35006	1.35006	0.524809	14.6263	24.7731	1
cg00941229	OTUD7B;OTUD7B	0.821964	0.230743	0.428931	-2.33138	0.824747	0.861292	-1.16105	0.584242	1.4507	1.4507	0.518159	0.643347	-1.55437	0.727764	1.26527	1.26527	0.543187	0.660771	-1.51338	0.331777	1.96238	1.96238	0.787015	1.20002	1.20002	0.809642	1.17643	1.17643	0.52478	3.76753	6.38156	1
cg10261191	FEZ1;FEZ1	0.821975	0.27877	0.515857	-1.93852	0.25045	0.493675	-2.02562	0.627118	1.33342	1.33342	0.669131	1.28747	1.28747	0.994611	0.996038	-1.00398	0.750696	1.20606	1.20606	0.714111	0.805521	-1.24143	0.341343	0.561969	-1.77946	0.972305	0.979801	-1.02062	0.524765	2.87137	4.86375	1
cg03037150	HOXC8	0.821979	0.639218	0.642336	-1.55682	0.326964	2.59163	2.59163	0.35774	2.43386	2.43386	0.607593	1.62528	1.62528	0.63641	1.56271	1.56271	0.258639	3.03716	3.03716	0.428417	2.13715	2.13715	0.793064	0.781699	-1.27926	0.476642	1.97272	1.97272	0.520294	7.07409	10.5749	1
cg16860439	SAMD8	0.821992	0.339969	0.629646	-1.58819	0.786038	0.879862	-1.13654	0.754273	1.15916	1.15916	0.724505	0.846664	-1.18111	0.705054	0.836213	-1.19587	0.33122	1.60252	1.60252	0.253198	1.75302	1.75302	0.903779	0.944701	-1.05854	0.675902	1.21868	1.21868	0.524739	1.83883	3.11491	1
cg05012825	PVR;PVR;PVR;PVR	0.822003	0.760072	1.10984	1.10984	0.42089	1.32283	1.32283	0.536594	0.808225	-1.23728	0.627713	1.1809	1.1809	0.587895	1.20461	1.20461	0.609109	0.839056	-1.19181	0.188861	0.62273	-1.60583	0.971322	1.01231	1.01231	0.737811	0.891981	-1.1211	0.524724	0.962081	1.62978	1
cg15085223	PFDN5;PFDN5;PFDN5;PFDN5	0.822035	0.460939	0.778029	-1.2853	0.404034	0.751633	-1.33044	0.596966	1.19534	1.19534	0.743205	1.11619	1.11619	0.149194	0.596192	-1.67731	0.627761	0.849266	-1.17749	0.898034	1.0438	1.0438	0.940485	0.975342	-1.02528	0.881494	1.05114	1.05114	0.524678	0.929095	1.57404	1
cg13474414	CDK18;CDK18;CDK18	0.822047	0.287972	0.459204	-2.17768	0.735746	0.787442	-1.26993	0.858826	0.881966	-1.13383	0.830027	0.859282	-1.16376	0.183388	0.369424	-2.70692	0.300484	0.469121	-2.13165	0.284126	0.45613	-2.19236	0.585773	0.678266	-1.47435	0.770213	0.813322	-1.22953	0.524661	4.13546	7.00636	1
cg01289140	USP49	0.82205	0.577148	1.178	1.178	0.198215	1.48513	1.48513	0.502272	1.21901	1.21901	0.605854	1.16345	1.16345	0.846033	0.945027	-1.05817	0.372616	1.30502	1.30502	0.630483	0.868516	-1.15139	0.38757	1.29379	1.29379	0.449016	1.25155	1.25155	0.524656	0.702882	1.19085	1
cg13246053	UBE2V2	0.822062	0.734994	1.29336	1.29336	0.794313	1.21863	1.21863	0.489303	1.70595	1.70595	0.665205	1.39089	1.39089	0.693778	1.34955	1.34955	0.490113	1.70418	1.70418	0.712017	1.32421	1.32421	0.155556	3.24734	3.24734	0.186646	2.94845	2.94845	0.514753	4.43947	5.74965	1
cg18755783	SPG20;SPG20;SPG20;SPG20	0.822063	0.524083	1.13368	1.13368	0.920716	0.980838	-1.01954	0.259455	0.795628	-1.25687	0.687202	0.92435	-1.08184	0.510239	1.1386	1.1386	0.587815	1.11221	1.11221	0.695541	0.926415	-1.07943	0.783513	0.947885	-1.05498	0.31964	1.22123	1.22123	0.524637	0.313812	0.531689	1
cg09670127	BCL11A;BCL11A;BCL11A	0.822066	0.670009	0.827011	-1.20917	0.684224	0.834285	-1.19863	0.927565	1.04111	1.04111	0.171992	0.525075	-1.90449	0.672677	1.20718	1.20718	0.664694	0.824289	-1.21317	0.622644	1.24581	1.24581	0.847014	0.917975	-1.08935	0.25764	0.592486	-1.6878	0.524634	1.63134	2.76399	1
cg03648679	ANKRD11	0.82207	0.745249	1.6218	1.6218	0.0856448	16.7385	16.7385	0.422257	3.37306	3.37306	0.531918	2.55759	2.55759	0.755922	1.58798	1.58798	0.9636	1.07003	1.07003	0.762216	1.56844	1.56844	0.859912	0.769506	-1.29954	0.789829	1.48618	1.48618	0.524627	18.2777	30.9684	1
cg01569339	DAZL	0.822071	0.733657	1.08339	1.08339	0.844948	1.04699	1.04699	0.658239	1.11004	1.11004	0.77875	1.06828	1.06828	0.174943	0.71297	-1.40258	0.389293	1.22985	1.22985	0.380482	1.23486	1.23486	0.805792	1.05947	1.05947	0.942145	0.983124	-1.01717	0.524625	0.456914	0.774164	1
cg19173440	GAB2	0.822087	0.632097	1.20801	1.20801	0.284167	0.646702	-1.54631	0.889533	0.947012	-1.05595	0.563873	1.25679	1.25679	0.884235	1.05874	1.05874	0.345849	0.683639	-1.46276	0.856255	1.07362	1.07362	0.934018	1.03297	1.03297	0.29793	1.52608	1.52608	0.524603	1.27513	2.16058	1
cg18447232	RGS12;RGS12;RGS12	0.82209	0.98748	1.0043	1.0043	0.388555	1.2736	1.2736	0.328225	1.31809	1.31809	0.711973	0.90349	-1.10682	0.419199	1.25344	1.25344	0.558291	1.17588	1.17588	0.32826	1.31806	1.31806	0.755674	0.918122	-1.08918	0.526933	0.839083	-1.19178	0.524598	0.622294	1.05443	1
cg20012008	AUTS2;AUTS2;AUTS2	0.822092	0.800543	0.79804	-1.25307	0.20156	0.300646	-3.32617	0.988563	1.01286	1.01286	0.881267	1.14247	1.14247	0.759827	0.760907	-1.31422	0.595172	0.620082	-1.61269	0.3766	2.24466	2.24466	0.624045	1.55303	1.55303	0.433832	2.03741	2.03741	0.524595	6.59786	11.1796	1
cg04348561	MPZL1;MPZL1;MPZL1	0.82211	0.363708	1.28251	1.28251	0.376925	0.785308	-1.27339	0.988247	1.00393	1.00393	0.296581	1.33439	1.33439	0.9312	0.977246	-1.02328	0.485102	0.827708	-1.20816	0.783084	0.92908	-1.07633	0.971755	1.00948	1.00948	0.4611	0.818725	-1.22141	0.524569	0.590292	1.00026	1
cg14645143	C9orf114	0.822113	0.372461	0.550305	-1.81717	0.363783	0.544003	-1.83822	0.651988	0.743678	-1.34467	0.633351	1.36818	1.36818	0.999129	1.00071	1.00071	0.153876	0.369407	-2.70704	0.465007	0.61567	-1.62425	0.734824	0.801103	-1.24828	0.769841	0.825821	-1.21092	0.524565	3.53504	5.99023	1
cg12392528	CAND2;CAND2	0.82214	0.238227	0.726772	-1.37595	0.677805	1.11397	1.11397	0.4928	0.835316	-1.19715	0.831047	0.946299	-1.05675	0.890487	0.965037	-1.03623	0.493668	0.835627	-1.19671	0.24027	0.727873	-1.37387	0.414289	0.806067	-1.24059	0.409949	0.804375	-1.2432	0.524526	0.554408	0.939528	1
cg16064612	EHMT2;EHMT2	0.822147	0.386604	0.783201	-1.27681	0.743641	1.09456	1.09456	0.59573	1.15886	1.15886	0.861389	0.953019	-1.0493	0.261463	0.724382	-1.38049	0.733733	0.910273	-1.09857	0.894273	0.964051	-1.03729	0.410147	1.26101	1.26101	0.459596	1.23037	1.23037	0.524516	0.62978	1.06728	1
cg18029791	GALNT7	0.822152	0.260253	2.47184	2.47184	0.37064	2.01596	2.01596	0.902017	1.09673	1.09673	0.688061	1.3546	1.3546	?	?	?	?	?	?	0.523236	1.63089	1.63089	?	?	?	0.920329	0.927752	-1.07787	0.447293	2.43431	4.53526	1
cg02866149	C20orf117	0.822155	0.337934	0.495849	-2.01674	0.855382	1.13832	1.13832	0.984424	0.986233	-1.01396	0.954542	0.960328	-1.04131	0.235404	0.413517	-2.41828	0.615405	0.69789	-1.43289	0.33356	0.4925	-2.03046	0.236392	0.41436	-2.41336	0.631763	0.709724	-1.409	0.524504	4.18883	7.09891	1
cg07792822	KIRREL	0.822156	0.562256	0.860823	-1.16168	0.374567	0.792055	-1.26254	0.148797	0.672958	-1.48598	0.836324	0.948461	-1.05434	0.846786	0.951724	-1.05072	0.505594	0.841324	-1.1886	0.901071	1.03232	1.03232	0.488113	1.19742	1.19742	0.924081	0.975915	-1.02468	0.524503	0.543489	0.921065	1
cg20781383	RPL10;RPL10	0.822166	0.430923	0.290512	-3.4422	0.246732	0.155287	-6.43968	0.456624	0.31169	-3.20831	0.487351	2.95952	2.95952	0.925094	1.15558	1.15558	0.253218	0.15963	-6.26448	0.758683	0.622622	-1.60611	0.943207	0.896237	-1.11578	0.749326	0.610828	-1.63712	0.524489	19.6402	33.2856	1
cg06653151	GTF2IRD2	0.822168	0.816756	1.07702	1.07702	0.405086	0.761631	-1.31297	0.762648	1.10166	1.10166	0.396166	0.757488	-1.32015	0.387336	1.32741	1.32741	0.328728	1.38019	1.38019	0.641901	1.16149	1.16149	0.770522	0.910744	-1.098	0.540371	1.21912	1.21912	0.524486	0.848741	1.43843	1
cg13895979	STXBP1;STXBP1	0.822196	0.525599	0.873282	-1.14511	0.561419	1.13168	1.13168	0.804216	0.949022	-1.05372	0.645245	0.90696	-1.10258	0.364441	0.821743	-1.21693	0.577454	1.12587	1.12587	0.206778	0.75541	-1.32378	0.445325	0.848826	-1.1781	0.938131	0.983779	-1.01649	0.524446	0.36861	0.624761	1
cg14998086	TNS3	0.822197	0.610459	0.542046	-1.84486	0.992888	0.989432	-1.01068	0.73767	0.669851	-1.49287	0.380917	2.91916	2.91916	0.552344	0.488407	-2.04747	0.187929	5.27651	5.27651	0.830545	1.29105	1.29105	0.736659	1.49528	1.49528	0.547148	0.483734	-2.06725	0.524443	11.8019	20.0033	1
cg14019672	RBM8A	0.822202	0.339604	0.684232	-1.46149	0.581109	1.23968	1.23968	0.340449	1.46046	1.46046	0.807475	0.910168	-1.0987	0.461276	0.748887	-1.33531	0.479837	1.31906	1.31906	0.975017	1.01215	1.01215	0.476706	1.32176	1.32176	0.740024	0.879516	-1.13699	0.524436	1.23457	2.09252	1
cg20621765	MYOF;MYOF	0.822205	0.536427	1.45133	1.45133	0.85135	1.11809	1.11809	0.468355	0.644685	-1.55115	0.639115	1.32448	1.32448	0.59154	0.724485	-1.38029	0.655939	0.765825	-1.30578	0.935078	1.04967	1.04967	0.180924	2.32841	2.32841	0.511998	1.48543	1.48543	0.524432	2.94032	4.9837	1
cg17749509	SLC16A4	0.822212	0.873131	1.08561	1.08561	0.431005	0.661558	-1.51158	0.789143	1.14772	1.14772	0.360977	1.62048	1.62048	0.644569	0.787582	-1.26971	0.824555	0.892139	-1.1209	0.295726	1.74608	1.74608	0.468816	1.46063	1.46063	0.512779	0.710904	-1.40666	0.524422	2.19466	3.71993	1
cg01538984	LOC100134713;NDUFB2	0.822225	0.57849	0.871353	-1.14764	0.556294	1.15721	1.15721	0.91118	1.02776	1.02776	0.476495	0.837255	-1.19438	0.478842	0.838072	-1.19321	0.697746	0.908684	-1.10049	0.90997	1.02814	1.02814	0.199243	1.39488	1.39488	0.591369	0.875488	-1.14222	0.524404	0.500017	0.847552	1
cg07216610	AGAP1;AGAP1	0.822251	0.246379	0.69246	-1.44413	0.703169	1.12307	1.12307	0.287853	1.39729	1.39729	0.833017	0.938	-1.0661	0.351243	0.747627	-1.33756	0.942621	0.978414	-1.02206	0.890311	1.04272	1.04272	0.769394	0.914734	-1.09321	0.63983	0.86686	-1.15359	0.524366	0.763274	1.29388	1
cg08882060	EMB	0.822301	0.915526	1.01818	1.01818	0.416895	1.15131	1.15131	0.744325	0.94594	-1.05715	0.952158	0.989862	-1.01024	0.849175	0.968185	-1.03286	0.912154	1.01892	1.01892	0.224761	0.805292	-1.24179	0.55292	1.10732	1.10732	0.283539	0.827607	-1.2083	0.524293	0.239489	0.406031	1
cg27423208	ENGASE	0.822314	0.880608	1.14568	1.14568	0.100107	5.10493	5.10493	0.315063	2.55996	2.55996	0.571266	1.67819	1.67819	0.856115	0.848546	-1.17849	0.973221	1.03084	1.03084	0.958894	1.04774	1.04774	0.834326	1.20866	1.20866	0.966031	1.03928	1.03928	0.524275	6.79813	11.526	1
cg00844589	SCYL2;DEPDC4	0.822347	0.75899	0.948268	-1.05455	0.228783	1.2436	1.2436	0.573943	1.10303	1.10303	0.504868	0.889764	-1.12389	0.560752	1.10686	1.10686	0.311298	1.19819	1.19819	0.795721	0.956206	-1.0458	0.66279	0.927061	-1.07868	0.875609	1.02741	1.02741	0.524227	0.247363	0.419433	1
cg12156759	EIF3K;MAP4K1;MAP4K1	0.82235	0.580562	1.2358	1.2358	0.370582	1.41734	1.41734	0.974622	1.01214	1.01214	0.320462	0.677451	-1.47612	0.478412	0.760801	-1.3144	0.553241	1.25549	1.25549	0.546701	0.793442	-1.26033	0.483234	1.31035	1.31035	0.834885	1.0824	1.0824	0.524223	1.19473	2.02582	1
cg09724427	MYST2	0.822371	0.749803	0.897945	-1.11365	0.723173	1.12712	1.12712	0.712243	0.882809	-1.13275	0.816876	1.08117	1.08117	0.342577	1.38957	1.38957	0.399647	0.748191	-1.33656	0.276815	0.683477	-1.46311	0.440726	0.767568	-1.30282	0.58283	0.829748	-1.20519	0.524193	0.939794	1.59364	1
cg04535746	MITF;MITF;MITF;MITF	0.822396	0.887622	1.06929	1.06929	0.229	1.81876	1.81876	0.479338	1.40598	1.40598	0.777881	1.14339	1.14339	0.969921	0.982292	-1.01803	0.489466	1.3947	1.3947	0.715137	0.840568	-1.18967	0.29609	1.67088	1.67088	0.267975	1.72761	1.72761	0.524157	1.86378	3.16068	1
cg19199711	CALCB	0.822421	0.851605	0.949244	-1.05347	0.949872	0.982665	-1.01764	0.516214	1.20092	1.20092	0.55302	1.18166	1.18166	0.792664	1.07602	1.07602	0.644033	0.878605	-1.13817	0.172389	0.667661	-1.49777	0.379069	0.778022	-1.28531	0.694456	0.896006	-1.11606	0.52412	0.642201	1.08915	1
cg10021749	LFNG;LFNG	0.822439	0.321295	0.622312	-1.60691	0.540723	0.750768	-1.33197	0.885682	0.935579	-1.06886	0.331264	1.59046	1.59046	0.503716	0.730448	-1.36902	0.603036	1.27489	1.27489	0.554233	0.758111	-1.31907	0.399206	0.670652	-1.49109	0.97185	1.01647	1.01647	0.524094	1.77852	3.01646	1
cg07078452	WDR86	0.822441	0.68937	0.744105	-1.3439	0.247709	2.4328	2.4328	0.511903	1.63127	1.63127	0.533799	0.629025	-1.58976	0.272158	0.43134	-2.31836	0.985953	0.987132	-1.01304	0.645916	1.4054	1.4054	0.961256	0.964895	-1.03638	0.954392	0.958799	-1.04297	0.524092	4.49196	7.61862	1
cg18070504	HRH1	0.822485	0.90971	0.950375	-1.05222	0.235273	1.74737	1.74737	0.807865	0.896451	-1.11551	0.925691	1.04274	1.04274	0.352917	1.53551	1.53551	0.490485	1.36923	1.36923	0.244749	1.72624	1.72624	0.805636	0.895287	-1.11696	0.823914	0.904847	-1.10516	0.524029	1.67069	2.83393	1
cg14773052	ZNF599;ZNF599	0.822508	0.865706	1.03995	1.03995	0.363558	0.80567	-1.2412	0.786877	0.939215	-1.06472	0.482358	1.17966	1.17966	0.649144	1.11181	1.11181	0.954697	0.986939	-1.01323	0.824523	0.949908	-1.05273	0.147993	0.698278	-1.43209	0.950215	0.985655	-1.01455	0.523995	0.444402	0.75387	1
cg00321850	KIAA0040;KIAA0040;KIAA0040;KIAA0040	0.822529	0.406486	0.700727	-1.42709	0.56699	0.784786	-1.27423	0.716721	0.858469	-1.16486	0.847998	1.08368	1.08368	0.374393	0.682607	-1.46497	0.528776	0.765485	-1.30636	0.213112	0.577465	-1.73171	0.206034	0.571991	-1.74828	0.729473	0.864685	-1.15649	0.523965	1.45543	2.4691	1
cg21330313	CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B;CAMK2B	0.822536	0.542891	1.62467	1.62467	0.591501	1.53247	1.53247	0.568005	1.5758	1.5758	0.628786	0.681231	-1.46793	0.810884	1.20791	1.20791	0.401065	1.9685	1.9685	0.116542	3.83345	3.83345	0.740562	1.2993	1.2993	0.994885	1.00506	1.00506	0.523955	5.15245	8.74112	1
cg27193021	SPON1	0.822545	0.383647	0.736785	-1.35725	0.365505	0.727659	-1.37427	0.487874	1.2725	1.2725	0.518535	1.25082	1.25082	0.337401	1.40239	1.40239	0.980166	0.991536	-1.00854	0.563064	0.818797	-1.2213	0.894745	0.955748	-1.0463	0.785488	0.910933	-1.09778	0.523942	0.970201	1.64599	1
cg20520273	CCDC138	0.822554	0.768969	0.797877	-1.25333	0.959478	0.961797	-1.03972	0.639447	0.696473	-1.43581	0.549061	1.59167	1.59167	0.426841	1.86264	1.86264	0.719601	1.31833	1.31833	0.129654	3.50839	3.50839	0.86053	1.14433	1.14433	0.497945	1.69465	1.69465	0.523929	4.87686	8.274	1
cg00734813	C20orf117;C20orf117	0.822554	0.990084	0.992938	-1.00711	0.102146	2.77371	2.77371	0.529554	1.43794	1.43794	0.947077	0.962851	-1.03858	0.557474	0.712968	-1.40259	0.758102	0.838479	-1.19264	0.850099	1.11393	1.11393	0.930687	0.951599	-1.05086	0.939539	0.957663	-1.04421	0.523929	2.69858	4.57837	1
cg24502047	SPRED1	0.822563	0.654661	1.22789	1.22789	0.12047	2.15539	2.15539	0.578521	1.29162	1.29162	0.829562	1.10329	1.10329	0.511376	1.35489	1.35489	0.407271	1.47188	1.47188	0.767135	1.145	1.145	0.287078	1.6554	1.6554	0.999812	0.999893	-1.00011	0.523915	1.72526	2.92712	1
cg06778429	DRD2;DRD2	0.822565	0.594017	0.808081	-1.2375	0.622867	1.21693	1.21693	0.675661	1.18136	1.18136	0.983876	0.992028	-1.00804	0.620681	1.21846	1.21846	0.837286	0.92178	-1.08486	0.325774	0.669064	-1.49462	0.181725	1.75327	1.75327	0.970697	0.985556	-1.01466	0.523913	1.30174	2.20858	1
cg14352140	UBAC1	0.822577	0.183822	2.21306	2.21306	0.289583	1.85762	1.85762	0.551015	1.40474	1.40474	0.257947	1.94461	1.94461	0.55024	1.4057	1.4057	0.535073	1.42461	1.42461	0.923127	1.05588	1.05588	0.681157	1.26208	1.26208	0.885476	0.922014	-1.08458	0.523895	2.63362	4.46845	1
cg25867694	SELM	0.822578	0.866728	1.08711	1.08711	0.364132	1.59006	1.59006	0.198981	1.96395	1.96395	0.530401	1.37171	1.37171	0.9911	0.994469	-1.00556	0.609707	1.2918	1.2918	0.385225	0.642298	-1.55691	0.824072	0.895185	-1.11709	0.641743	1.2624	1.2624	0.523894	2.05194	3.48153	1
cg09889850	EAPP	0.822593	0.731993	1.0894	1.0894	0.887988	1.03572	1.03572	0.886588	0.96508	-1.03618	0.428687	1.22292	1.22292	0.264548	1.33594	1.33594	0.508382	0.846108	-1.18188	0.415328	0.812718	-1.23044	0.444999	0.823719	-1.21401	0.779743	1.07232	1.07232	0.523872	0.514699	0.873325	1
cg00471059	RASGEF1C	0.822598	0.792758	0.881892	-1.13393	0.14235	2.12296	2.12296	0.558481	1.32636	1.32636	0.66106	0.810098	-1.23442	0.771083	1.14942	1.14942	0.316399	1.63955	1.63955	0.952239	0.971814	-1.029	0.610402	1.27797	1.27797	0.921825	0.954226	-1.04797	0.523865	1.8904	3.20762	1
cg11461308	CRLS1;CRLS1	0.822599	0.244088	0.654869	-1.52702	0.722287	0.883416	-1.13197	0.795328	1.0945	1.0945	0.651343	1.17119	1.17119	0.497618	0.787268	-1.27021	0.447057	0.763998	-1.3089	0.196771	0.622475	-1.60649	0.787031	0.910224	-1.09863	0.734167	0.888341	-1.12569	0.523863	1.00109	1.69864	1
cg15886966	LDLRAD3	0.8226	0.671679	1.3006	1.3006	0.715463	1.2532	1.2532	0.359323	0.559313	-1.78791	0.344648	1.82228	1.82228	0.521191	1.49312	1.49312	0.559099	1.43936	1.43936	0.869891	0.903878	-1.10634	0.276523	2.00927	2.00927	0.704355	0.790554	-1.26494	0.523862	3.15331	5.35053	1
cg00022911	HAPLN4	0.822621	0.775841	1.06067	1.06067	0.777199	1.06028	1.06028	0.823332	1.04722	1.04722	0.141515	0.721665	-1.38568	0.564181	0.886669	-1.12782	0.456402	0.855125	-1.16942	0.504931	0.869708	-1.14981	0.592956	0.894641	-1.11777	0.737066	1.072	1.072	0.523832	0.353198	0.599341	1
cg23602684	DCAF11;DCAF11;DCAF11;DCAF11;DCAF11;DCAF11	0.82263	0.250091	1.57035	1.57035	0.650631	1.18672	1.18672	0.395683	1.38626	1.38626	0.27192	1.53636	1.53636	0.231454	1.60204	1.60204	0.857648	1.06974	1.06974	0.579752	1.2337	1.2337	0.350638	1.43435	1.43435	0.631801	1.19876	1.19876	0.523819	1.16966	1.98484	1
cg19115630	RCHY1;THAP6;RCHY1;RCHY1;RCHY1;RCHY1;RCHY1	0.822632	0.829711	0.859484	-1.16349	0.683339	1.3342	1.3342	0.610543	1.43492	1.43492	0.594675	0.685539	-1.45871	0.253536	0.432431	-2.31251	0.849165	1.14323	1.14323	0.219642	2.47801	2.47801	0.717257	1.29133	1.29133	0.997632	0.997915	-1.00209	0.523815	4.10045	6.95827	1
cg27468857	ARHGEF10	0.822667	0.464422	1.27437	1.27437	0.638147	0.857065	-1.16677	0.545231	1.22061	1.22061	0.296431	0.702923	-1.42263	0.935887	0.974144	-1.02654	0.254983	1.47254	1.47254	0.753641	1.10795	1.10795	0.669455	1.15008	1.15008	0.654326	1.15807	1.15807	0.523766	0.879491	1.49259	1
cg02775175	EFNB1	0.822674	0.25225	0.141787	-7.05284	0.762897	0.610066	-1.63917	0.852401	0.737699	-1.35557	0.293326	5.93295	5.93295	0.956783	0.91529	-1.09255	0.276418	0.157373	-6.35434	0.781638	0.635176	-1.57437	0.962946	0.926927	-1.07883	0.616405	0.438249	-2.28181	0.523755	22.13	37.5579	1
cg14572728	PTCH1;PTCH1;PTCH1;PTCH1	0.822675	0.17252	0.799231	-1.2512	0.803261	0.962203	-1.03928	0.826184	0.966622	-1.03453	0.683144	1.0654	1.0654	0.933121	1.01304	1.01304	0.484149	0.89606	-1.116	0.308084	1.17685	1.17685	0.88976	0.978821	-1.02164	0.779211	0.957546	-1.04434	0.523753	0.197635	0.335417	1
cg07473822	ZFYVE28	0.822681	0.489336	1.51671	1.51671	0.517923	1.47516	1.47516	0.700293	1.25784	1.25784	0.290385	1.91703	1.91703	0.340785	1.79002	1.79002	0.176439	2.34509	2.34509	0.309701	1.8654	1.8654	0.543822	1.43967	1.43967	0.585844	1.38585	1.38585	0.523745	2.9178	4.95203	1
cg11865601	GPLD1	0.82271	0.433187	0.595053	-1.68052	0.920418	0.937197	-1.06701	0.205684	0.420412	-2.37862	0.932187	0.946259	-1.05679	0.243614	0.453005	-2.20748	0.710934	1.2733	1.2733	0.492163	0.635853	-1.57269	0.708026	1.27658	1.27658	0.903341	0.924175	-1.08205	0.523704	3.49412	5.93061	1
cg27501522	MPRIP;MPRIP	0.822721	0.452894	1.49941	1.49941	0.283422	1.80465	1.80465	0.315313	1.73328	1.73328	0.320401	1.72267	1.72267	0.735956	1.19637	1.19637	0.321678	1.72004	1.72004	0.273854	1.82794	1.82794	0.975143	1.01664	1.01664	0.846035	1.10847	1.10847	0.523688	2.32745	3.95054	1
cg05124441	SYN2;SYN2;SYN2;SYN2	0.822726	0.428643	1.45766	1.45766	0.525869	0.741002	-1.34952	0.767953	0.871114	-1.14796	0.697315	0.83337	-1.19995	0.377277	0.655405	-1.52577	0.278448	0.591227	-1.6914	0.57997	1.29783	1.29783	0.805228	1.12212	1.12212	0.590691	1.28815	1.28815	0.52368	1.80377	3.06169	1
cg16928878	GBAS	0.822764	0.622566	0.893612	-1.11905	0.912943	1.0251	1.0251	0.582953	1.13397	1.13397	0.583182	1.13388	1.13388	0.750076	1.07515	1.07515	0.782645	1.06471	1.06471	0.227035	1.33315	1.33315	0.956864	1.01234	1.01234	0.158002	1.40808	1.40808	0.523625	0.426292	0.72366	1
cg19204662	POU5F1	0.822764	0.24623	0.573625	-1.7433	0.413236	0.681554	-1.46723	0.864534	1.0814	1.0814	0.935273	1.03793	1.03793	0.239219	0.568424	-1.75925	0.354204	0.646067	-1.54783	0.914441	0.951937	-1.05049	0.76161	0.869837	-1.14964	0.382785	0.663512	-1.50713	0.523625	1.74199	2.95714	1
cg23563438	ITGA6;ITGA6	0.822787	0.815822	0.870503	-1.14876	0.783307	0.848861	-1.17805	0.236364	2.0907	2.0907	0.710061	1.24853	1.24853	0.875317	1.09783	1.09783	0.92703	0.947009	-1.05596	0.399708	0.59904	-1.66934	0.353865	0.567238	-1.76293	0.447	0.63085	-1.58516	0.523592	2.92976	4.97377	1
cg07156097	PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPHLN1;PPH	0.822791	0.852571	1.12112	1.12112	0.569069	1.42428	1.42428	0.510676	1.50685	1.50685	0.513174	0.665291	-1.5031	0.323925	0.534693	-1.87023	0.376259	0.572351	-1.74718	0.433063	1.63499	1.63499	0.921789	1.06221	1.06221	0.617145	0.73365	-1.36305	0.523587	3.13163	5.31654	1

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1212 vs. N)	Fold-Change(1212 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg00828580	CLU	0.822791	0.757982	0.751989	0.183443	0.1273	0.144081	2.23497	0.234697	0.626602	0.782241	-1.27838	0.874404	1.07995	1.07995	0.954336	0.971406	-1.02944	0.540964	1.36826	1.36826	0.645525	0.791422	-1.28355	0.625267	0.779644	-1.28793	0.525586	2.12823	3.61308	
cg07089242	LOC102772228,ZKscf40B;ZKscf40B;ZKscf40B KIAA0652;KIAA0652;KIAA0652;KIAA0652	0.822803	0.442764	0.234664	-4.26141	0.928778	0.847587	-1.17982	0.977748	0.949640	-1.05302	0.2110	11.4841	11.4841	0.417487	4.6403	4.6403										
cg22135704	ZKIAA0652	0.822805	0.562907	1.31887	1.31887	0.823036	0.899431	-1.11181	0.580172	1.30262	1.30262	0.262884	1.73733	1.73733	0.7930	1.1325	1.1325	0.968059	1.01913	1.01913	0.218392	1.84524	1.84524	0.231826	1.81013	1.81013	0.636987	1.25224	1.25224	0.523566	1.85672	3.15227	
cg19554461	MMD2;MMD2	0.822808	0.821056	1.04496	1.04496	0.401613	0.846513	-1.18132	0.675094	1.08527	1.08527	0.365749	1.19767	1.19767	0.691518	1.08049	1.08049	0.490829	1.1455	1.1455	0.370298	1.19552	1.19552	0.240553	1.26934	1.26934	0.60981	1.10507	0.523562	0.312411	0.530403	1
cg05484915	RASSF4	0.822843	0.502482	0.569155	-1.75629	0.961723	1.040518	1.04018	0.822801	1.20419	1.20419	0.919356	1.08756	1.08756	1.078756	1.418877	0.504282	1.98302	0.821275	1.20628	1.20628	0.137361	1.76692	1.76692	0.763866	1.28648	1.28648	0.668473	1.42914	1.42914	0.325326	1.60908	0.67131	
cg01922597	GPT2;GPT2	0.822837	0.828652	0.942986	-1.06046	0.475485	0.821576	-1.21717	0.854447	1.05099	1.05099	0.743421	0.914884	-1.09304	0.578345	0.858935	-1.16423	0.587846	0.862258	-1.15975	0.751887	0.917685	-1.0897	0.305813	1.33265	1.33265	0.251905	1.38288	1.38288	0.52352	0.608191	1.03265	1
cg24022629	EIF2AK2;EIF2AK2	0.822849	0.571129	0.850649	-1.17557	0.989928	0.996439	-1.00357	0.932108	1.05766	1.05766	0.269116	0.994751	-1.00919	0.695246	1.117603	1.117603	0.352628	0.713442	-1.40166	0.851113	1.05454	1.05454	0.674553	1.12694	1.12694	0.209019	1.45388	1.45388	0.523503	0.662178	1.12435	1
cg16687447	PTEN;KILLIN;PTEN	0.822858	?	?	?	?	?	?	0.822678	1.63307	1.63307	0.26994	2.36994	2.36994	0.274892	3.09222	3.09222		0.934597	0.92213	-1.08445	0.384333	2.42151	2.42151	0.85179	0.831295	-1.20294	0.714221	0.695232	-1.43837	0.480334	1.65087	11.7645	1
cg01120761	CLEC4C;CLEC4C	0.82286	0.999236	1.00109	1.00109	0.771186	1.393382	1.39382	0.378447	0.357387	-2.79809	0.994891	0.992736	-1.00732	0.313022	0.304759	-3.28128		0.633777	1.72721	1.72721	0.445319	2.42521	2.42521	0.542475	0.495584	-2.01782	0.331482	0.319536	-3.12954	0.523486	10.7493	18.2525	1
cg23445561	SOX4	0.822862	?	?	?	?	?	?	0.822748	1.43648	1.43648	0.342448	1.4584	1.4584	0.465742	2.35	2.35	?	0.675488	1.62019	1.62019	0.149777	2.40926	2.40926	0.442992	?	?	?	0.455977	4.56019	13.1551	1
cg05265538	MED24	0.822898	0.847236	1.05404	1.05404	0.606369	1.15237	1.15237	0.825916	1.06195	1.06195	0.45904	0.814063	-1.23281	0.652808	0.894716	-1.11767		0.503072	1.20375	1.20375	0.310877	0.751189	-1.33122	0.616973	1.14751	1.14751	0.304832	1.33636	1.33636	0.523432	0.617224	1.04817	1
cg08496620	ALX4;lnc4	0.822915	0.785464	0.862968	-1.15879	0.269408	1.862124	1.86124	0.37837	1.62691	1.62691	0.841541	1.31295	1.31295	0.354126	0.59754	-1.67353		0.645722	0.606566	-1.64928	0.607742	0.756046	-1.32267	0.605426	1.02369	1.02369	0.975441	1.01637	1.01637	0.523407	0.41852	4.03732	1
cg02887841	TBX1;TBX1;TBX1	0.822934	0.836951	1.28715	1.28715	0.983095	1.02629	1.02629	0.864973	0.811298	-1.23259	0.1326	7.30062	7.30062	0.578641	1.98822	1.98822		0.648695	0.570141	-1.75395	0.752345	0.678555	-1.47372	0.547267	2.10875	2.10875	0.393641	2.91654	2.91654	0.523383	0.12495	21.126	1
cg05425050	LGR4	0.822939	0.478405	0.849532	-1.17712	0.937322	1.21665	1.21665	0.966893	0.990503	-1.00944	0.590597	0.884366	-1.13075	0.521202	0.86313	-1.15857		0.358523	0.807645	-1.23817	0.53125	1.21566	1.15266	0.406677	1.21175	1.21175	0.973314	1.0076	1.0076	0.523372	0.424374	0.720752	1
cg21202522	ITPKC	0.822942	0.749554	0.828378	-1.21621	0.975576	1.10158	1.10158	0.662577	1.23762	1.23762	0.532134	1.11387	1.11387	0.104629	0.335166	-2.9836		0.67212	0.769235	-1.29999	0.52056	0.669412	-1.49385	0.814686	1.15569	1.15569	0.949572	0.961771	-1.03975	0.523368	1.14857	3.94686	1
cg16872086	MIR148A	0.822943	0.366702	1.41165	1.41165	0.7699	0.896691	-1.11521	0.621509	1.20324	1.20324	0.661134	1.1782	1.1782	0.731543	0.879826	-1.13659		0.204138	0.60761	-1.64579	0.424625	1.35411	1.35411	0.862527	0.937598	-1.06656	0.944821	1.02607	1.02607	0.523366	1.14566	1.9458	1
cg12799596	WDR27	0.822947	0.84422	0.914449	-1.09715	0.41875	1.47609	1.47609	0.649927	1.24029	1.24029	0.481721	0.713584	-1.40218	0.594171	0.963814	-1.0397		0.134616	0.625642	-1.59836	0.280066	1.69758	1.69758	0.640452	0.881157	-1.34859	0.803855	1.12512	1.12512	0.523361	1.84111	3.12698	1
cg14849639	SEH1L;SEH1L;SEH1L;SEH1L	0.822954	0.854452	1.09043	1.09043	0.777781	1.2427	1.2427	0.227719	1.83661	1.83661	0.859502	1.08172	1.08172	0.156605	0.446164	1.84208	1.44208	0.545882	1.08773	1.08773	0.736164	1.17285	1.17285	0.793626	1.08373	1.13157	0.523535	1.84235	3.12915	1
cg23586423	OBSCN;OBSCN	0.82297	0.54985	0.646177	-1.54756	0.199607	2.65933	2.65933	0.466232	1.70771	1.70771	0.590289	0.6755	-1.48038	0.550031	0.646308	-1.54725		0.583968	0.670909	-1.49052	0.933298	1.06228	1.06228	0.69754	0.754366	-1.32562	0.701332	0.7572	-1.32065	0.523328	4.31746	7.33335	1
cg24775327	KIAA1274	0.822987	0.307971	1.890821	1.890821	0.985525	0.989046	-1.01108	0.252706	0.484108	-2.06565	0.810689	1.15744	1.15744	0.949438	1.03926	1.03926		0.276478	1.98852	1.98852	0.667526	1.30097	1.30097	0.757484	1.20894	1.20894	0.902449	1.08243	1.08243	0.77053	0.526635	3.19141	1
cg14200609	CCDC41;CCDC41;LOC144486	0.822991	0.419154	0.884577	-1.13048	0.3265	0.860271	-1.16242	0.521204	0.907913	-1.10143	0.415191	1.13172	1.13172	0.598939	0.924179	-1.08204		0.595786	0.923538	-1.08279	0.821953	1.03405	1.03405	0.610197	0.90552	-1.10434	0.512995	1.10359	1.10359	0.523298	0.852082	0.910251	0.310767	1
cg01288194	CABLES1;CABLES1;CABLES1	0.823001	0.774753	0.81936	-1.22101	0.356403	0.586732	0.61555	1.623582	0.880082	1.1324	0.48095	0.622355	0.55678	0.610559	0.64235	-1.55678		0.774753	0.91935	-1.08745	0.881975	0.99659	0.99659	0.872712	1.76010	1.76010	0.649603	0.753827	1.32656	0.523269	1.16362	0.53742	1
cg13804575	ZNF462	0.823013	0.937327	0.937854	-1.06626	0.822022	0.832085	-1.2018	0.251628	0.37638	-2.65689	0.94567	1.05718	1.05718	0.596062	0.646315	-1.54723		0.762046	0.780537	-1.28117	0.149411	0.28332	-3.52958	0.333123	0.442844	-2.25813	0.563295	0.620809	-1.6108	0.523266	1.51656	9.37115	1
cg17383727	GDNF;GDNF;GDNF	0.823022	0.812393	1.17099	1.17099	0.64487	0.748737	-1.33558	0.662266	0.749682	-1.3339	0.829460	0.865579	-1.15396	0.27777	2.1156	2.1156		0.297878	2.04714	2.04714	0.325094	1.96331	1.96331	0.757417	1.22838	1.22838	0.649585	0.738099	-1.35483	0.523253	3.6528	6.20528	1
cg11119340	HS6ST3	0.823025	0.912198	0.846163	-1.18161	0.828328	1.21621	1.21621	0.975536	1.10538	1.10538	0.662677	1.23953	1.23953	1.19945	1.59045	0.513881	0.669971	0.672312	0.769235	-1.29999	0.52056	0.669412	-1.49385	0.814686	1.15569	1.15569	0.949572	0.961771	-1.03975	0.523368	1.14857	3.94686	1
cg21637015	PLXND1	0.823037	?	?	?	0.409379	1.31071	1.31071	0.844895	0.939122	-1.06482	0.28495	1.42784	1.42784	0.526707	1.22837	1.22837		0.265485	1.4508	1.4508	0.753065	1.10462	1.10462	0.760637	1.10295	1.10295	0.604965	0.845915	-1.18215	0.505836	0.73161	1.4477	1
cg13731387	SP2;SP2	0.823055	0.121696	2.68707	2.68707	0.444289	0.361104	1.79401	0.178263	2.25732	2.25732	0.606137	1.07997	1.07997	0.597509	0.880177	-1.02022		0.653212	1.44559	1.44559	0.663991	0.754833	1.34078	0.545705	1.49313	1.49313	0.523212	0.52	0.52	0.523212	3.5292	5.98899	1
cg13490827	MAST2;MAST2	0.823057	0.213964	0.64939	1.64939	0.580713	0.807869	-1.23782	0.922338	1.038	1.038	0.620905	1.21004	1.21004	0.774576	0.896	1.11607		0.693711	1.16343	1.16343	0.80133	0.908079	-1.10123	0.273702	0.54591	1.54591	0.598764	0.81623	-1.22514	0.523202	1.22192	2.05898	1
cg20656856	PTPN9	0.823059	0.212103	0.854743	-1.16994	0.931856	0.989839	-1.01027	0.344527	0.890237	-1.1233	0.727037	1.04274	1.04274	0.197912	0.850011	-1.17646		0.770137	0.965617	-1.03561	0.829644	0.974598	-1.02606	0.997911	0.999687	-1.00031	0.601584	0.93903	-1.06493	0.523199	0.118161	0.200749	1
cg16686093	GPR83	0.823061	0.984167	1.01627	1.01627	0.945525	0.989046	-1.01108	0.252706	0.484108	-2.06565	0.810689	1.15744	1.15744	0.949438	1.03926	1.03926		0.276478	1.98852	1.98852	0.667526	1.30097	1.30097	0.757484	1.20894	1.20894	0.902449	1.08243	1.08243	0.77053	0.526635	3.19141	1
cg27358822	FAM65C	0.823067	0.896252	1.06205	1.06205	0.856329	1.08723	1.08723	0.524404	0.744252	-1.34676	0.994121	0.996606	-1.00341	0.606394	0.786753	-1.27105		0.31002	1.62382	1.62382	0.345294	0.638145	1.56045	0.290683	1.6587	1.6587	0.988083	1.00766	1.00766	0.523188	1.76465	2.99812	1
cg07446333	LOC642846	0.823073	0.90233	1.10455	1.10455	0.584152	1.20485	1.20485	0.865565	0.916851	-1.09065	0.765597	0.931053	1.07382	0.730877	1.02888	1.02888		0.80974	1.0239	1.0239	0.911484	1.18289	1.18289	0.853179	1.29341	1.29341	0.611848

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-111T 057 vs. N)	Ratio(111T vs. N)	Fold-Change(1-vs-112T 117 vs. N)	Ratio(112T vs. N)	Fold-Change(1-vs-121T 127 vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(1-vs-347T 477 vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-353T 537 vs. N)	p-value(537T vs. N)	Fold-Change(1-vs-537T 37T vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-563T 63T vs. N)	Ratio(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
ch.5.72595GF	TAR1	0.824224	0.161901	0.656873	-1.52281	0.2418806	0.708226	-1.41198	0.734645	0.9686644	-1.10054	0.708899	0.89978	-1.11138	0.471991	0.813822	-1.22877	0.593744	0.859321	-1.16371	0.870631	0.855141	-1.04697	0.9686807	1.01114	1.01114	0.6603444	1.13261	0.5251515	0.654949	1.11632	1
cg12894336	SMARCC1	0.824232	0.759227	1.07982	1.07982	0.694706	0.906142	-1.10358	0.786961	1.07003	1.07003	0.831601	1.058405	1.05465	0.234264	0.732308	1.36555	0.419827	0.813874	-1.22869	0.248058	0.740001	-1.35135	0.43224	0.818509	-1.22173	0.958838	1.01298	1.02158	0.504	0.515673	0.87895	1
cg10084513	SEMA5B	0.824246	0.437527	1.16379	1.16379	0.625001	0.909969	-1.09894	0.878878	1.02964	1.02964	0.246314	1.26138	1.26138	0.533126	0.886126	-1.12851	0.751607	1.0627	1.0627	0.934047	0.984273	-1.01598	0.33631	0.827065	-1.2091	0.709988	1.07416	1.07416	0.521484	0.302952	0.516394	1
cg13496098	C14orf165	0.824376	0.573607	1.23421	1.23425	0.841934	1.07671	1.07671	0.134436	1.55025	-1.81736	0.707039	-1.86597	-1.14998	0.858093	1.068497	1.068497	0.887389	0.948907	-1.05358	0.453449	0.756214	-1.32238	0.458076	0.756032	-1.32269	0.640407	1.040284	-1.19021	0.521444	1.13139	1.92864	1
cg23556447	MDN1	0.824274	0.857424	0.966706	-1.03444	0.602561	0.905813	-1.10398	0.673627	0.923334	-1.08303	0.500328	1.13748	1.13748	0.301536	1.2233	1.2233	0.183582	1.30429	1.30429	0.853347	1.03546	0.818275	0.95759	-1.04429	0.788342	1.05197	1.05197	0.521444	0.292805	0.499135	1
cg04909036	TBC0	0.824301	0.644296	1.64056	1.64056	0.519411	2.00452	2.00452	0.3796	2.61101	2.61101	0.218407	3.96872	3.96872	0.437564	0.430334	2.32327	0.60353	1.74695	1.74695	0.380776	2.60452	2.60452	0.664453	1.59155	1.59155	0.995687	0.994262	-1.00577	0.521404	0.9624	15.961	1
cg05470809	KIAA1712;KIAA1712;FBXO8	0.824303	0.828338	0.952227	-1.05017	0.709166	0.919011	-1.08813	0.567157	0.877754	-1.13927	0.453135	1.18801	1.18801	0.976146	0.993283	-1.00676	0.155375	1.40878	1.40878	0.953801	0.987025	-1.01315	0.443408	1.19262	1.19262	0.638372	1.11261	1.11261	0.521401	0.419628	0.715386	1
cg04150117	PFKP	0.824305	0.320852	1.38223	1.38223	0.872794	0.950588	-1.05207	0.885187	0.880552	-1.1363	0.959632	0.975218	-1.02541	0.319823	1.38324	1.38324	0.743153	1.10908	1.10908	0.813863	1.0775	1.0775	0.989541	1.5522	1.5522	0.723271	0.912527	-1.09586	0.521398	0.8324	1.40213	1
cg00452016	NNT;NNT	0.824311	0.86202	1.03493	1.03493	0.747397	1.59315	1.59315	0.772167	0.65898	-1.51768	0.659308	1.69038	1.69038	0.18216	1.08226	1.78756	0.549222	-1.05717	0.592039	1.11269	1.11269	0.562022	0.890722	-1.12269	-1.12269	0.432069	1.17248	1.17248	0.417231	1.1778	1.78142	0.548519	1
cg15844609	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.824327	0.495998	0.88523	-1.12965	0.421106	0.865072	-1.15597	0.637475	0.919699	-1.08731	0.764302	0.948351	-1.05446	0.723704	1.0646	1.0646	0.63555	0.919252	-1.08784	0.270673	0.816886	-1.22416	0.900854	0.978259	-1.02232	0.293577	1.21184	1.21184	0.521366	0.256813	0.437847	1
cg12771736	FAM170B	0.824333	0.986462	1.00986	1.00986	0.491426	0.958352	-1.04331	0.725556	0.969466	-1.03145	0.646154	0.661374	-1.512	0.487944	0.67637	1.47846	0.293144	2.55049	2.55049	0.402165	0.883405	1.13207	0.276908	0.883405	1.13207	0.276908	1.0924	0.913685	1.06201	1.06201	0.521363	2.5426	4.33496	1
cg08255187	PDGFB;PDGFB	0.824337	0.385341	0.671601	-1.48898	0.86321	0.925706	-1.08019	0.781718	1.13229	-1.13229	0.774465	0.897619	-1.03039	0.267698	0.60286	-1.65876	0.803083	1.09001	1.09001	0.857348	1.08381	1.08381	0.304016	1.60989	1.60989	0.437545	0.701715	-1.42508	0.521352	1.65202	2.81665	1
cg16257375	SARS	0.824338	0.183769	2.58403	2.58403	0.612835	1.4824	1.4824	0.855097	1.14692	1.14692	0.215688	2.49776	2.49776	0.539953	1.61394	1.61394	0.380043	2.00315	2.00315	0.393458	1.96278	1.96278	0.3571	2.07645	2.07645	0.646609	1.42779	1.42779	0.521351	4.9141	8.37842	1
cg03949996	PTGER1	0.824345	0.266366	0.579242	-1.72639	0.764088	1.15248	1.15248	0.90042	0.942681	-1.0608	0.737043	1.17221	1.17221	0.887193	1.02801	1.02801	0.673618	1.22108	1.22108	0.807466	0.819115	1.22108	0.807466	0.819115	1.22108	0.807466	0.819115	1.22108	0.807466	0.819115	0.442099	1.44708	1.44708	0.521341	1.83558	3.12967	1
cg03264729	PDE2A;PDE2A;PDE2A;PDE2A	0.82435	0.41027	2.40581	2.40581	0.484292	2.08085	2.09805	0.883606	1.6659	-1.6659	0.649081	1.61221	1.61221	0.444795	2.25267	2.25267	0.196114	4.15835	4.15835	0.222293	3.80834	3.80834	0.794481	0.761728	-1.31281	0.778593	1.34159	1.34159	0.521333	8.97429	15.3014	1
cg09371344	LETM1	0.824359	0.576819	1.3623	1.3623	0.723571	1.8747	1.8747	0.490954	1.19195	1.19195	0.312837	1.77275	1.77275	0.565826	0.772364	-1.17483	0.600939	0.74801	-1.33656	0.796833	1.15199	1.15199	0.349128	1.68055	1.68055	0.580173	1.35853	1.35853	0.52132	2.48325	4.23413	1
cg06909288	RNF135;DPRXP4;RNF135	0.824382	0.560179	0.825794	-1.21096	0.490392	0.79642	-1.25562	0.227632	0.662651	-1.50909	0.443911	0.77599	-1.28868	0.56975	0.829728	-1.20521	0.415865	1.31023	1.31023	0.781595	0.913655	-1.09451	0.735127	0.895537	-1.11665	0.356163	0.734641	-1.36121	0.521288	0.871622	1.48627	1
cg09388159	USP3	0.824384	0.335211	0.363912	-2.74762	0.510343	0.92059	-1.07218	0.86276	0.838642	-1.1924	0.243721	0.288861	-3.46287	7	7	7	0.21335	0.262047	-3.81611	0.652188	0.630364	-1.58639	0.826078	0.799458	-1.25085	0.582846	0.568846	-1.75795	0.503393	7.3306	14.5624	1
cg22252245	CASK;CASK;CASK	0.824385	0.275905	0.510108	-1.96015	0.431355	0.572836	-1.74614	0.564962	0.501852	-1.99262	0.431767	0.58797	-1.70797	0.89885	0.860097	-1.16266	0.331097	0.3047	-3.28191	0.32312	0.891907	-1.12119	0.613316	0.82924	-1.20596	0.41956	1.16956	1.16956	0.521282	1.91595	19.7718	1
cg12631925	PGAM2	0.824388	0.395794	0.624565	-1.60111	0.696656	0.808925	-1.23621	0.977663	0.98496	-1.01527	0.640109	1.32727	1.32727	0.419947	0.640177	-1.56207	0.355468	0.597808	-1.67278	0.298663	0.558178	-1.79154	0.507176	0.694739	-1.43939	0.559775	1.37602	1.37602	0.521278	2.41871	4.12442	1
cg15440392	BLCAP;BLCAP;BLCAP;BLCAP	0.824442	0.818488	0.94435	-1.05893	0.742771	0.925657	-1.08031	0.645033	1.21657	-1.21657	0.821705	0.786367	-1.27189	0.55055	0.706302	-1.41562	0.629579	1.12881	1.12881	0.485187	0.837733	-1.1937	0.765573	1.0703	1.0703	0.434008	1.22018	1.22018	0.516678	0.496769	0.747808	1
cg10332616	LRRC3B	0.824449	0.694502	0.824621	-1.21268	0.278389	0.576594	-1.73432	0.211523	1.90218	1.90218	0.86003	1.09005	1.09005	0.407452	2.08597	2.08597	0.603742	1.43557	1.43557	0.14355	7.03455	7.03455	0.0111	0.833823	-1.1993	0.954344	1.02836	1.02836	0.919721	1.05048	1.05048	0.521191	1.96996	3.35976	1
cg20884121	LOC285550;LOC285550	0.824496	0.239861	0.482892	-2.07063	0.715927	0.96669	-1.03459	0.856746	0.875678	1.08844	0.918904	1.14602	1.14602	0.215688	2.49776	2.49776	0.539953	1.61394	1.61394	0.380043	2.00315	2.00315	0.393458	1.96278	1.96278	0.3571	2.07645	2.07645	0.646609	1.42779	1.42353	0.41411	8.33742	1
cg12623625	ARHGEF10;ARHGEF10L	0.824502	0.459064	0.682134	-1.46599	0.237395	1.7762	1.7762	0.800584	1.13704	-1.13704	0.3874	0.637919	-1.5676	0.417866	0.656999	-1.52207	0.814226	1.12684	1.12684	0.772845	1.15819	1.15819	0.559279	0.741102	-1.34934	0.625075	0.778879	-1.2839	0.521114	1.12496	3.62465	1
cg11059357	ANK1;ANK1;ANK1;ANK1;ANK1	0.824508	0.184389	0.313186	-3.19299	0.483342	0.555776	-1.79929	0.395028	0.487587	-2.05092	0.385082	0.479852	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	0.439098	0.521097	0.52201	0.7139	0.464129	1
cg14190941	C14orf80;C14orf80;C14orf80;C14orf80	0.824521	0.449947	0.46987	-2.12757	0.324121	1.55556	1.55556	0.675311	1.70868	1.70868	0.382418	2.83313	2.83313	0.249112	4.01605	4.01605	0.479582	1.38793	1.38793	7	7	7	0.215127	0.688327	-1.45219	0.960838	0.872456	-1.14619	0.894386	0.92026	1.08696	0.521096	0.16494	0.3019	0.167611	1
cg15047833	POU6ZC	0.824534	0.381781	0.806651	-1.23969	0.963327	1.01107	1.01107	0.728332	0.919868	-1.08711	0.344772	0.79208	-1.2625	0.664878	0.900867	-1.11004	0.782912	0.935984	-1.06839	0.233433	0.741376	-1.34884	0.631758	1.12261	1.12261	0.4827	1.18636	1.18636	0.521068	0.473491	0.807728	1
cg13822158	MEIS3;MEIS3	0.824536	0.682261	1.3393	1.93471	0.593534	0.92059	-1.07218	0.86276	0.838642	-1.1924	0.243721	0.288861	-3.46287	7	7	7	0.603841	1.72902	1.72902	0.166868	4.63156	4.63156	0.0137	3.44137	3.44137	0.013564	9.02917	15.403	1
cg13852284	C10orf11	0.824571	0.589718	0.653086	-1.53119	0.152251	0.301145	-3.32066	0.727879	1.31441	-1.31441	0.778695	0.802134	-1.24668	0.998594	0.999669	-1.00031	0.386154	0.498949	-2.00411	0.295265	0.502865	-1.9886	0.584859	0.649384	-1.53992	0.722888	1.32133	1.32133	0.521013	1.05378	8.62214	1
cg03036452	TTC38	0.824577	0.373841	0.460049	-2.17368	0.194254	0.310973	-3.21572	0.459707	0.527161	-1.89695	0.309835	0.408959	-2.44523	0.381946	0.466422	-2.14398	0.334422	0.428823	-2.33197	0.562091	0.607411	-1.64633	0.481982	0.544529	-1.83645	0.52454	0.577819	-1.73065	0.521005	5.96922	10.1841	1
cg06002834	MPPE1;MPPE1	0.824579	0.361729	0.791708	-1.26293	0.352807	0.487	-2.05357	-1.09831	0.223072	-4.48393	0.217485	0.191049	-5.23501	0.191049	0.191049	-5.23501	0.865615	0.958711	-1.04307	0.607245	0.720793	-1.38756	0.444137	0.641053	-1.55996	0.511662	0.792031	0.936313	-1.06802	0.521002	0.51168	0.872984	1
cg18206459	ELF7	0.824584	0.331826	0.821765	-1.21689	0.940836	1.14707	1.14707	0.865384	1.03383	1.03383	0.990297	0.976193	-1.02439	0.612988	0.612988	-1.63201	0.613276	0.680182	-1.4702	0.395247	0.516859	-1.93477	0.228127	0.381925	-2.61831	0.960802	1.03782	1.03782	0.51702	0.541173	0.954137	1
cg07499643	SLC2A1	0.824605	0.829955	0.967384	-1.03377	0.756398	0.917537	-1.08976	0.726458	0.792555	-1.26201	0.611954	0.900962	-1.1015	0.669297	0.885103	-1.12983	0.723937	0.841541	-1.18863	0.379559	0.852482	-1.17309	0.752854	0.895648	-1.11651	0.443313	0.803205	-1.24507	0.521001	0.486557	0.732954	1
cg06528231	DUSP10;DUSP10	0.824627	0.324716	1.31362	1.31362	0.353883	0.774375	-1.29136	0.958729	1.01391	1.01391	0.954476	1.01535	1.01535	0.733467	0.912761	-1.09558	0.813849	1.065	1.065	0.2177	0.705512	-1.41741	0.809679	1.06654	1.06654	0.913801	0.971511	-1.02932	0.516407	0.570392	0.859087	1
cg09203880	NAGPA	0.824631	0.379921	0.68376	1.68376	0.217603	0.53875	0.53875	0.713775	0.9256	-1.08059	0.487587	-2.05092	0.385082	0.479852	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	0.863194	-1.15822	0.746498	0.830078	1.20471	0.52091	0.72199	0.64129	1
cg05197700	KDM3B;KDM3B	0.824643	0.905039	1.00194	1.00194	0.957207	0.9199	-1.01316	0.908801	0.90717	-1.10177	0.564737	0.740835	-1.3499	0.276552	0.372985	-2.68134	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	0.273938	0.48729	-2.05217	0.722009	0.798392	-1.25252	0.880601	1.09937	1.09937	0.771385	1.20157	1.20157	0.520904	0.27729	0.4124	0.295	1
cg15269751	BMF	0.824647	0.905224	1.07796	1.07796	0.705011	1.20245	1.20245	0.202496	2.33512	2.33512	0.600641	1.39502	1.39502	0.608659	0.722187	-1.38468	0.363538	1.2881	1.2881	0.990829	0.996361	-1.00318	0.973068	0.990889	-1.00939	0.762207	1.08572	1.08572	0.508354	0.606345	1.03479	1
cg04593164	ZNF17;ZNF17	0.824683	0.504681	0.832193	-1.20146	0.519045	1.1939	1.1939	0.292087	0.745159	-1.34195	0.614998	1.1474	1.1474	0.425142	0.80187	-1.24709																				
cg00332048	HDAC9;HDAC9;HDAC9;HDAC9;HDAC9	0.824701	0.952499	0.963873	-1.03748	0.837272	0.88071	-1.13545	0.485577	1.54912	-1.54912	0.618944	1.15132	1.15132	0.545243	0.710086	-1.40828	0.422282	0.602317	-1.65915	0.238869	0.466769	-2.14239	0.283776	0.503667	-1.98939	0.803723	1.1644	1.1644	0.52082	3.147	5.37102	1
cg17546376	TRAK1	0.824712	0.864655	1.04604	1.04604	0.724605	1.24165	1.24165	0.402023	1.12501	-1.12501	0.471008	1.23734	1.23734	0.308702	1.3252	-1.35795	0.369022	1.3089	1.3089	0.667749	1.13362	1.13362	0.477802	1.22718	1.22718	0.728997	0.903921	-1.10629	0.52081	0.695749	1.02487	1
cg06770532	GLI3	0.824721	0.517684	0.68724	-1.64278	0.477131	0.578498	-1.72862	0.884721	1.13115	1.11581	0.50922	1.65997	1.65997	0.40883	0.527181	-1.89688	0.613276	0.680182	-1.4702	0.395247	0.516859	-1.93477	0.228127	0.381925	-2.61831	0.960802	1.03782	1.03782	0.516752	0.56452	0.67843	1
cg16895572	PAR10	0.824733	0.581586	1.20556	1.20556	0.707216	1.47208	1.47208	0.571251	1.28597	1.28597	0.498753	1.82978	1.82978	0.386	2.43494	2.43494	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	-2.08997	0.603393	0.64909	-1.54062	0.479582	0.423816	0.5244	-1.90655	0.466653	-2.14292	0.891002	0.887707	-1.12629	0.807216	0.968811	1.03229	0.520794	0.22496	0.3567	0.27039	1
cg22066230	KLC2;RAB18;KLC2;KLC2;KLC2	0.824728	0.927214	0.974838	-1.02581	0.213927	0.69421	-1.44049	0.760827	0.918379	-1.08888	0.391792	0.782932	-1.27725	0.89359	1.03803	1.03803	0.411525	1.2639	1.2639	0.528247	1.19509	1.19509	0.743909	0.912626	-1.09574	0.566239	0.850681	-1.17553	0.520787	0.64163	1.09515	1
cg14985606	CEP72;C2orf56;C2orf56	0.824735	0.677801	1.07961	1.07961	0.448031	0.86782	-1.15231	0.633998	1.03069	1.03069	0.414402	0.802457	1.24607	0.402147	0.912755	1.10755	0.290643	1.22271	1.22271	0.815513	1.04378	1.04378	0.947311	1.12086	1.12086	0.762001	0.945418	-1.05773	0.520755	0.277256	0.471255	1
cg15036062	CSorf36	0.824736	0.296645	0.582677	-2.57553	0.15128	0.56188	-1.77974	0.631608	0.52554	-1.90255	0.417269	0.758076	-1.31913	0.292098	0.384755	-2.59994	0.649276	0.670156	-1.49226	0.31904	0.625564	-1.59864	0.387467	-2.58088	0.901293	0.807194	1.14759	0.93419	1.07061	0.520739	0.87611	1
cg22972380	PARP14	0.824762	0.712749	0.943323	-1.06008	0.71318	1.05998	1.05998	0.493112	0.895992	-1.11608	0.21722	0.814773	-1.22734	0.812522	1.0382	1.0382	0.448934	0.885368	-1.12947	0.414016	0.876555	-1.14083	0.501013	0.897839	-1.11379	0.551528	1.09972	1.09972	0.520738	0.205323	0.350482	1
cg26272798	SLC1A1;SLC1A1;SLC1A3;SLC1A3	0.824778	0.361729	0.791708	-1.26293	0.352807	0.487	-2.05357	-1.09831	0.223072	-4.48393	0.217485	0.191049	-5.23501	0.191049	0.191049	-5.23501	0.865615	0.958711	-1.04307	0.607245	0.720793	-1.38756	0.444137	0.641053	-1.55996	0.511662	0.792031	0.936313	-1.06802	0.521002	0.51168	0.872984	1
cg12582555	NXN	0.824787	0.778701	1.11563	1.11563	0.986071	0.993243	-1.0068	0.454822	0.74403	-1.34403	0.390349	1.40756	1.40756	0.200112	0.591157	1.6916	0.737967	1.3929	1.3929	0.765609	0.89037	-1.12313	0.848694	1.077	1.077	0.453309	0.743264	-1.34542	0.520673	1.24392	2.12361	1
cg26995111	CA9	0.824811	0.531626	0.675102	-1.48102	0.21467	0.438804	-2.27861	0.843855	1.13197	-1.13197	0.741905	0.821417	-1.21698	0.311086	0.517482	-1.93244	0.720317	1.65507	1.65507	0.279127	1.30567	1.30567	0.950775	0.544791	-1.62885	0.901884	0.924813	-1.0813	0.520666	1.25934	5.56269	1
cg18780515	SNX11;SNX11;SNX11;SNX11	0.824834	0.110773	2.36826	2.36826	0.997988	1.00125	1.00125	0.555703	1.76319	-1.76319	0.564294	1.08849	1.08849	0.51121	0.718474	-1.39184	0.720317	1.65507	1.65507	0.279127	1.30567	1.30567	0.950775	0.544791	-1.62885	0.901884	0.924813	-1.0813	0.520666	1.25934	5.56269	1
cg18302606	PLEKHG2	0.824858	0.526877	0.74362	-1.34477	0.937885	1.03666	1.03666	0.560996	0.762165	-1.31205	0.701935	0.837227	-1.19442	0.511491	0.735172	-1.36023	0.24509	0.570213	-1.75373	0.167623	0.506854	-1.97296	0.313779	0.63091	-1.58501	0.805437	0.892239	-1.12078	0.520601	1.76001	3.0051	1
cg00185801	MALAT1	0.824863	0.498332	0.708556	-1.41139	0.567358	0.650467	-1.53735	0.426929	0.83329	-1.20006	0.645869	0.884334	-1.13067	0.459227	0.718474	-1.39184	0.720317	1.65507	1.65507	0.279127	1.30567	1.30567	0.950775	0.544791	-1.62885	0.901884	0.924813	-1.0813	0.520666	1.25934	5.56269	1
cg00015572	GPX6	0.824889	0.796651	1.0754	1.0754	0.48967	0.82074	-1.21841	0.193145	0.678639	-1.47354	0.954663	0.984123	-1.01613	0.550073	0.843477	-1.18557	0.437534	1.800166	-1.24074	0.817356	1.06729	1.06729	0.752608	1.0931	1.0931	0.298855	0.738512	-1.35407	0.520552	0.653314	1.11559	1
cg06073449	T	0.824893	0.371728	0.61115	1.63576	0.153376	0.355197	-2.81455	-1.44344	0.671485	-1.48955	0.479355	0.47355	-2.11102	0.267885	-3.73295	0.908187	0.658343	-1.51897	7	7	7	7	7	0.17442	-5.73507	0.175523	0.17442	-5.73507	0.175523	0.17442	-5.73507	0.175523

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	Ratio(1057 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	Ratio(1127 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1217 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	Ratio(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	Ratio(5377 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	Ratio(5637 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg19721326	SGPL1	0.426163	0.494197	1.40464	1.44064	0.224095	1.95742	1.95742	0.332019	1.65926	1.65926	0.442468	1.50958	1.50958	0.445998	1.5046	1.5046	0.338185	1.6807	1.6807	0.350401	1.65775	1.65775	0.341157	1.67503	1.67503	0.784374	1.14724	1.14724	0.518709	2.27196	3.89336	1
cg10468862	STOML2	0.826181	0.790536	0.935022	-1.06949	0.49309	0.838892	-1.19205	0.405672	1.2395	1.2395	0.155075	0.681117	-1.46818	0.683905	1.10883	1.10883	0.872796	1.04127	1.04127	0.68879	0.903387	-1.10694	0.948418	1.01646	1.01646	0.675357	0.899153	-1.11216	0.518682	0.523231	0.896684	1
cg13992444	UST	0.826188	0.274629	0.16595	-6.0259	0.810375	0.683982	-1.46203	0.386384	0.245848	-4.06755	0.627603	0.46189	-2.16502	0.302081	0.184648	-5.41571	0.767153	0.62551	-1.5987	0.630632	0.465088	-2.15013	0.159932	0.0932419	-10.7248	0.8824118	0.791477	-1.26346	0.518673	20.5097	35.149	1
cg24664769	PANX1	0.826419	?	?	?	0.696578	1.16065	1.16065	0.741535	0.881787	-1.13406	0.8546	0.932674	-1.07219	?	?	?	0.347352	0.69126	-1.44638	0.349752	0.692614	-1.4438	0.874727	0.941817	-1.06178	0.420417	1.36852	0.47535	0.827261	1.74032	1
cg14932016	ACTN2	0.826194	0.756749	0.946813	-1.05618	0.737655	0.950102	-1.05252	0.643642	1.08539	1.08539	0.93872	1.01367	1.01367	0.122026	1.34288	1.34288	0.85343	1.03307	1.03307	0.84454	0.966056	-1.03514	0.80136	0.956625	-1.04534	0.358799	1.18055	1.18055	0.518663	0.254165	0.435589	1
cg15923127	KDM6A	0.826204	0.83231	0.953247	-1.04905	0.33318	1.26527	1.26527	0.248054	1.31306	1.31306	0.561116	0.875866	-1.14173	0.762364	0.933887	-1.07147	0.693095	1.09359	1.09359	0.586615	0.883529	-1.13182	0.895809	1.02999	1.02999	0.429936	1.19928	1.19928	0.518649	0.417855	0.716143	1
cg09732486	CNTN1;CNTN1	0.82624	0.728957	1.06959	1.06959	0.528844	0.883915	-1.13133	0.82838	0.958882	-1.04288	0.942678	1.014	1.014	0.330397	1.21439	1.21439	0.428667	0.85533	-1.16914	0.514454	1.13639	1.13639	0.253852	1.25917	1.25917	0.907037	1.02285	1.02285	0.518597	0.307212	0.526569	1
cg22590614	TTY20	0.826258	0.223966	2.04603	2.45603	0.454918	1.35867	1.35867	0.805561	0.841515	-1.18833	0.461613	0.590298	-1.69406	0.943397	0.951284	-1.05121	0.929019	1.06665	1.06665	0.819473	1.11962	1.11962	0.589913	0.682018	-1.46524	0.291679	0.463227	-2.15877	0.518571	4.06296	6.96437	1
cg00226655	PDZRN3	0.826283	0.603563	0.784569	-1.27456	0.981067	0.989071	-1.01105	0.507874	0.732635	-1.36494	0.434997	0.746232	-1.33957	0.852704	0.708325	1.08025	0.434997	1.46612	1.46612	0.175309	1.94937	1.94937	0.940192	0.02995	1.02995	0.857828	0.92031	-1.08659	0.518534	1.76139	3.01944	1
cg07636145	DKFZP434H168;GNAO1;GNAO1	0.826298	0.729108	0.893769	-1.11886	0.654372	0.864526	-1.1567	0.468134	0.78783	-1.26931	0.572915	1.20205	1.20205	0.468395	0.787944	-1.26913	0.977368	0.990878	-1.00921	0.137025	0.596055	-1.6777	0.467035	0.787349	-1.27008	0.611026	0.847302	-1.18022	0.518513	0.856995	1.46915	1
cg03217715	C3orf25	0.826299	0.848866	0.923168	-1.08333	0.874816	1.06599	1.06599	0.249556	1.65577	1.65577	0.159377	0.759026	1.31839	0.0554	0.759026	1.31839	0.760483	1.08124	1.08124	0.51656	0.940833	0.745832	-1.34079	0.61098	1.14407	0.512712	0.874149	1.1488	1.1488	0.518512	1.44198	2.472	1
cg21969473	FLCN;FLCN	0.826316	0.634636	2.10815	2.10815	0.265088	0.96094	-1.04094	0.201154	0.821908	1.81927	0.63495	2.10667	2.10667	0.615993	2.19855	2.19855	?	?	?	0.323664	4.89419	4.89419	0.992933	0.986297	-1.01389	0.851207	1.33983	1.33983	0.500567	17.1036	34.1684	1
cg19391731	C4orf49	0.826326	0.72992	0.911328	-1.09773	0.829726	0.951429	-1.05105	0.976716	1.00785	1.00785	0.177996	1.46825	1.46825	0.995039	0.998356	-1.00167	0.935863	1.0218	1.0218	0.407396	1.25494	1.25494	0.337352	1.30344	1.30344	0.380607	1.27247	1.27247	0.518473	0.589446	1.01057	1
cg19872996	TRIM6;TRIM6-TRIM34;TRIM6	0.826335	0.906718	1.13797	1.13797	0.16262	0.19331	-5.17303	0.147355	0.3185	-3.13972	0.57956	0.539051	-1.85339	0.458025	0.434663	-2.30064	0.867452	0.831797	-1.20222	0.986725	0.981823	-1.01851	0.632585	0.587976	-1.70075	0.301545	0.307232	-3.25487	0.518459	0.98178	1.77136	1
cg02605050	KLF12	0.826338	0.619978	0.8779	-1.13908	0.808866	0.936281	-1.06806	0.945738	1.01083	1.01083	0.178109	0.681749	1.13132	1.13132	0.312486	0.947789	-1.05509	0.570722	0.861338	-1.16098	?	?	?	0.272266	1.34639	1.34639	0.270972	1.34792	1.34792	0.500535	0.478207	0.95539	1
cg12406137	TMEM102	0.826349	0.423985	0.603196	-1.65729	0.990683	1.00705	1.00705	0.251123	2.09975	2.09975	0.954989	0.963683	-1.03754	0.875866	-1.14173	0.762364	0.933887	-1.07147	0.762364	0.933887	1.07147	1.07147	0.762364	0.933887	0.88942	-1.12433	0.625676	1.35547	1.35547	0.518454	1.1427	1.53828	1
cg25193157	HEATR2	0.826349	0.980171	1.00734	1.00734	0.335498	1.33919	1.33919	0.282499	0.720061	-1.38877	0.90317	1.03636	1.03636	0.648132	1.14467	1.14467	0.548557	0.836507	-1.19545	0.612284	0.860449	-1.16218	0.710404	1.11593	1.11593	0.401973	1.28692	1.28692	0.518444	0.710102	1.2175	1
cg10235955	PTPN9;PTPN9;PTPNM3	0.826366	0.400772	0.166112	-2.7314	0.364806	0.936913	-1.06812	0.996002	1.00587	1.00587	0.940481	0.317207	-3.15083	0.302485	0.28571	-3.4931	0.634116	1.37097	1.37097	0.340496	0.31734	-3.1512	0.800735	0.744182	-1.34376	0.463759	0.418429	-2.38989	0.518414	11.2067	19.1254	1
cg00194296	HOMER1	0.826384	0.49584	1.23038	1.23038	0.940267	0.977782	-1.02272	0.604947	1.16982	1.16982	0.537552	1.11064	1.11064	0.912453	1.03352	1.03352	0.301289	1.37667	1.37667	0.50499	0.816435	-1.22464	0.815856	0.932452	-1.07244	0.186965	1.52098	1.52098	0.518389	0.737944	1.26356	1
cg08251776	GOT2	0.826411	0.695747	1.1352	1.1352	0.797063	1.0867	1.0867	0.507499	0.804972	-1.24228	0.476333	0.791622	-1.26323	0.927867	1.02965	1.02965	0.144013	0.602631	-1.65939	0.81404	0.926791	-1.07899	0.756849	0.904648	-1.1054	0.542145	1.2203	1.2203	0.518349	0.854677	1.46564	1
cg28332225	MAGT1	0.826414	0.246947	0.219083	-4.5648	0.874208	1.0198	1.0198	0.841999	0.78565	-1.28441	0.294534	1.90968	1.90968	0.454592	1.25933	1.25933	0.51373	1.45807	1.45807	0.22945	0.801079	1.3704	1.3704	0.883582	1.13405	1.13405	0.854845	1.14668	1.14668	0.518345	1.82191	22.1424	1
cg09350798	SORL1	0.826432	0.237473	1.3197	1.3197	0.417734	0.830458	-1.20415	0.32451	1.25617	1.25617	0.843905	1.04518	1.04518	0.89791	1.02919	1.02919	0.819552	0.95071	-1.05255	0.763698	0.934624	-1.06995	0.897755	0.971545	-1.02929	0.419786	1.02905	1.02905	0.518328	0.412473	0.70737	1
cg18524799	POU3F3	0.826455	0.720433	1.08901	1.08901	0.960488	1.01182	1.01182	0.917978	0.911828	1.3979	0.729548	0.877905	1.07906	1.07906	0.749258	1.33509	0.963469	1.02554	1.02554	0.875465	1.04239	1.04239	0.937352	1.00344	1.00344	0.980607	1.27247	1.27247	0.518473	0.589446	1.01057	1
cg12111432	PIR24	0.826447	0.629279	1.61667	1.61667	?	?	?	0.293727	0.33859	0.33859	0.63799	1.59651	1.59651	0.588586	1.76182	1.76182	?	?	?	?	?	?	0.349562	2.64873	2.64873	0.422662	2.27329	2.27329	0.435366	3.83778	5.87671	1
cg18516816	PLEKHF1	0.826448	0.7378	1.24874	1.24874	0.873875	1.11074	1.11074	0.93139	0.946231	-1.05682	0.249534	0.45128	-2.21592	0.678045	1.31786	1.31786	0.200855	2.44297	2.44297	0.766008	1.2175	1.2175	0.88564	0.909239	-1.09982	0.611172	0.712493	-1.40352	0.518295	3.58821	6.15386	1
cg03134604	CDC42EP1	0.826453	0.511087	0.81693	-1.2241	0.932059	0.9374	-1.06334	0.457736	0.840326	-1.19006	0.630064	1.32523	1.32523	0.883396	1.06321	1.06321	0.460411	0.552202	1.81084	0.446236	0.542164	-1.84446	0.552988	0.836574	-1.19584	0.773092	0.798067	1.25303	1.25303	0.518288	5.01026	8.75213	1
cg18975376	BAMBI PDLIM5;PDLIM5;PDLIM5;PDLIM5;PDLI	0.826468	0.331793	0.56255	-1.77749	0.62464	0.753304	-1.32748	0.524092	0.690129	-1.44901	0.331044	0.562057	-1.77918	0.157849	0.420004	2.38093	0.505696	0.678446	-1.47396	0.317684	0.552472	-1.81005	0.705269	0.803897	-1.24394	0.671995	0.782971	-1.27719	0.518266	2.70883	4.64597	1
cg00426517	M5	0.82652	0.56415	0.867908	-1.1522	0.507528	1.17748	1.17748	0.422566	1.22025	1.22025	0.76705	1.14253	1.14253	0.25529	1.33455	1.33455	0.762929	0.929126	-1.07628	0.481032	0.840258	-1.19011	0.498319	1.1818	1.1818	0.957798	1.01294	1.01294	0.518192	0.4846	0.831267	1
cg24349106	TRAK2	0.826537	0.739636	1.21879	1.21879	0.624135	1.34041	1.34041	0.193504	0.442091	-2.26198	0.950573	0.963892	-1.03746	0.467137	1.55108	1.55108	0.356674	1.75488	1.75488	0.69141	1.26498	1.26498	0.568576	1.40756	1.40756	0.861603	1.10907	1.10907	0.518166	2.88821	4.95458	1
cg19976037	CCDC57	0.826538	0.578804	1.1078	1.1078	0.732482	1.31843	1.31843	0.208361	1.12521	1.12521	0.841999	0.878565	-1.28441	0.294534	1.90968	1.90968	0.454592	2.20933	2.20933	0.13802	1.12579	1.12579	0.811709	0.937403	-2.64969	0.376467	1.07812	0.583881	1.68516	1.68516	0.518166	0.70487	12.5312	1
cg06684201	PTPN22;PTPN22;PTPRN2	0.826554	0.992271	0.992725	-1.00733	0.590089	1.50683	1.50683	0.46254	1.75734	1.75734	0.679482	1.36783	1.36783	0.462405	1.42223	1.42223	0.850713	1.15263	1.15263	0.280643	2.32901	2.32901	0.133483	3.38796	3.38796	0.394442	1.93012	1.93012	0.518143	4.66413	8.00146	1
cg18031185	FAM19A5;FAM19A5	0.826563	0.720433	1.08901	1.08901	0.960488	1.01182	1.01182	0.917978	0.911828	1.3979	0.729548	0.877905	1.07906	1.07906	0.749258	1.33509	0.963469	1.02554	1.02554	0.875465	1.04239	1.04239	0.937352	1.00344	1.00344	0.980607	1.27247	1.27247	0.518473	0.589446	1.01057	1
cg00945932	EXTL1	0.826586	0.633515	0.833211	-1.20018	0.202432	0.599764	-1.66732	0.730753	1.14022	1.14022	0.84492	0.928306	-1.07723	0.560799	0.799778	1.25035	0.91498	1.0414	1.0414	0.449434	1.34016	1.34016	0.696877	1.16033	1.16033	0.371604	0.705753	-1.41693	0.518096	1.1841	2.03154	1
cg27653399	CPNE6	0.826586	0.657541	1.59365	1.59365	0.107093	0.67798	0.27998	0.381655	2.55291	2.55291	0.656693	1.59565	1.59565	0.817171	0.785143	-1.27365	0.581878	1.78766	1.78766	0.662722	1.58157	1.58157	0.688263	1.52391	1.52391	0.446728	2.2481	2.2481	0.518095	8.95272	15.36	1
cg18507146	ZNF236; CAMTA2;CAMTA2;SPAG7;CAMTA2;CA	0.826588	0.680996	1.13776	1.13776	0.560488	1.11182	1.11182	0.579978	1.13979	1.13979	0.748528	0.877905	1.07906	1.07906	0.749258	1.33509	0.963469	1.02554	1.02554	0.875465	1.04239	1.04239	0.937352	1.00344	1.00344	0.980607	1.27247	1.27247	0.518473	0.589446	1.01057	1
cg05465498	MTA2	0.826595	0.981523	1.00437	1.00437	0.529372	-1.12753	1.12753	0.831006	0.960541	-1.04108	0.912133	0.979421	-1.02101	0.184664	1.30348	1.30348	0.628566	1.09617	1.09617	0.367651	0.840029	-1.19044	0.984867	0.996434	-1.00358	0.430756	1.16357	1.16357	0.518083	0.291159	0.499549	1
cg09841537	C17orf49;C17or49;RNASEK;C17or49	0.826599	0.55969	1.10978	1.10978	0.867767	1.02986	1.02986	0.119004	0.741719	-1.34822	0.892546	0.976416	-1.02415	0.929263	0.984444	-1.0158	0.888781	1.02502	1.02502	0.771211	0.949815	-1.05284	0.713949	1.06717	1.06717	0.512329	1.12451	1.12451	0.518076	0.255854	0.438981	1
cg27433395	C15orf52	0.826602	0.548383	1.31311	1.31311	0.665979	1.21506	1.21506	0.184057	0.531508	-1.88144	0.629712	1.24346	1.24346	0.448945	0.70745	-1.41353	0.87008	0.929212	-1.07618	0.964521	0.980247	-1.02015	0.785477	1.1301	1.13017	0.460676	0.713997	-1.40057	0.518073	1.65065	2.83211	1
cg22601614	MH1	0.826616	0.353055	1.94116	1.94116	0.33993	0.77177	-1.29616	0.541721	0.7053	-1.41796	0.54127	0.818437	-1.22198	0.454502	0.818437	-1.22198	0.333	1.37453	1.37453	0.19152	0.464927	-2.14465	0.50236	0.728406	-1.37209	0.79833	0.887686	-1.12653	0.518066	1.77647	3.00487	1
cg07877964	USP7	0.826661	0.666189	0.741123	-1.3493	0.453697	1.69361	1.69361	0.511815	1.58295	1.58295	0.539766	1.53498	1.53498	0.324696	0.430007	-2.32554	0.756761	0.806971	-1.2392	0.660228	0.736854	-1.35712	0.771716	1.2224	1.2224	0.484509	0.612393	-1.63294	0.517987	3.90905	6.70811	1
cg16508208	CYHR1	0.826682	0.846832	1.09041	1.09041	0.772326	1.12372	1.12372	0.613728	1.37276	1.37276	0.172356	0.871353	1.14798	0.998623	1.00037	0.996893	0.437335	1.42733	1.42733	0.276177	0.873147	1.1451	1.1451	0.370498	0.818	0.910999	-1.08696	0.724203	1.17177	1.17177	0.506294	0.744038	1.35007	1
cg15222709	TRAPPC4;RPS25	0.826676	0.488193	0.885646	-1.12912	0.819537	1.04019	1.04019	0.86677	1.02938	1.02938	0.756191	0.94771	-1.05517	0.325076	0.839263	-1.19152	0.680305	0.931046	-1.07406	0.863029	1.03022	1.03022	0.419408	1.15288	1.15288	0.264276	1.2222	1.2222	0.517966	0.243934	0.418618	1
cg08758558	C9orf56;C9orf56	0.826693	0.586625	0.816469	-1.22479	0.290819	0.627702	-1.59293	0.405093	0.455696	2.19494	0.345439	0.956705	1.04512	0.920012	0.76124	1.31313	0.335227	0.6928	-1.44342	0.228555	0.596416	-1.67683	0.702015	0.963807	-1.03794	0.11893	0.848468	-1.17894	0.518083	0.437587	0.731168	1
cg20448960	TTYH3	0.826701	0.860705	0.907078	-1.10244	0.312441	1.78454	1.78454	0.36617	1.67729	1.67729	0.681258	0.79507	-1.25775	0.634974	0.766786	-1.30415	0.812093	1.14138	1.14138	0.34563	0.583146	-1.71484	0.44449	1.5462	1.5462	0.926637	1.05247	1.05247	0.517929	2.52904	4.34043	1
cg04604666	PGM2 EDA;EDA;EDA;EDA;EDA;EDA;EDA;EDA;	0.826704	0.985818	0.994994	-1.00503	0.327418	1.33223	1.33223	0.790493	0.927547	-1.07811	0.360785	1.30526	1.30526	0.329888	1.33014	1.33014	0.277626	1.37812	1.37812	0.682013	0.890101	-1.12347	0.639744	1.14254	1.14254	0.61207	1.15556	1.15556	0.51335	0.634587	0.961464	1
cg21881821	EDA;EDA;EDA;EDA	0.826729	0.351199	0.172239	-5.80587	0.910568	0.813855	-1.22872	0.749734	0.556174	-1.798	0.376912	5.70334	5.70334	0.415275	4.60177	4.60177	0.398998	0.205387	-4.86887	0.574303	2.83042	2.83042	0.620414	0.381571	-2.62075	0.781745	0.60103	-1.66381	0.517889	27.563	47.3083	1
cg26805346	BAT2	0.826729	0.872619	0.96703	-1.03403	0.709409	1.06322	1.06322	0.697937	1.08474	1.08474	0.801479	0.948813	-1.05391	0.285021	1.26061	1.26061	0.242204	0.774731	1.29077	0.511478	1.14898	1.14898	0.628504	1.10677	1.10677	0.627231	0.902972	-1.10745	0.518089	0.35769	0.61233	1
cg25521047	ZNF345	0.826745	0.753103	1.06009	1.06009	0.539295	0.77177	-1.29616	0.541721	0.7053	-1.41796	0.54127	0.818437	-1.22198	0.454502	0.818437	-1.22198	0.333	1.37453	1.37453	0.19152	0.464927	-2.14465	0.50236	0.728406	-1.37209	0.79833	0.887686	-1.12653	0.518066	1.77647	3.00487	1
cg14040890	PCGF6;PCGF6	0.826748	0.670149	1.28672	1.28672	0.44514	0.632576	-1.58084	0.822635	1.08283	1.08283	0.822818	1.10254	1.10254	?	?	?	0.462728	0.644156	-1.55242	0.965797	0.970587	-1.02555	0.401415	1.65749	1.65749	0.281718	1.93134	1.93134	0.499934	2.43637	4.87338	1
cg10634191	RNF24;RNF24;RNF24	0.826777	0.430874	1.60809	1.60809	0.301651	1.43867	1.43867	0.357502	0.889968	1.61013	0.880055	0.749408	1.33415	0.880788	1.00459	1.00459	0.398184	1.75234	1.75234	0.212055	0.373277	0.740097	-1.35117	0.983782	1.09203	1.00733	0.731640	1.12003	1.12003	0.518077	0.282777	0.543669	1
cg18450553	STARD9;STARD9	0.826777	0.304164	0.73536	-1.35988	0.682087	0.887838	-1.12633	0.233076	1.43501	1.43501	0.809859	0.932741	-1.07211	0.591977	0.855319	-1.16915	0.485801	1.22701	1.22701	0.903298	1.03573	1.03573	0.681605	1.12655	1.12655	0.825247	1.06596	1.06596	0.517818	0.684272	1.17462	1
cg19693284	SGTA	0.826797	0.813947	1.05597	1.05597	0.91465	1.02507	1.02507	0.805553	1.05879	1.05879	0.376234	0.810782	-1.23338	0.183437	0.732781	-1.36546	0.872955	1.03764	1.03764	0.68231	0.939731	1.06443	1.06443	0.79199	1.06443	0.79199	1.06264	0.709801	0.912729	1.09018	0.518316	0.437587	0.731168	1
cg04611670	MEGF6	0.826797	0.891466	0.951948	-1.05048	0.857715	0.937318	-1.06687	0.774871	1.10708	1.10708	0.957423	1.01944	1.01944	0.442528	0.79961	-1.25061	0.452178	1.31821	1.31821	0.387147	1.37678	1.37678	0.806609	0.91533	-1.0925	0.157178	1.72582	1.72582	0.51779	1.067	1.83171	1
cg22656750	OZZ2	0.826797	0.876276	1.04531	1.04531	0.666112	1.13143	1.13143	0.917205	1.02999	1.02999	0.322423	1.33741	1.33741	0.949571	0.98217	-1.01815	0.197956	0.679065	-1.47261	0.693191	0.893341	-1.11939	0.794753	0.928529	-1.07697	0.423332	0.792467	-1.26188	0.51779	0.663471	1.13898	1
cg05963592	FAM150A	0.826811	0.556022	1.7982	1.7982	0.3956	1.17472	1.17472	0.240173	0.782828	-1.27755	0.640358	0.944358	-1.05902	0.24701	1.32438	1.32438	0.335227	0.6928	-1.44342	0.228555	0.596416	-1.67683	0.702015	0.963807	-1.03794	0.11893	0.848468	-1.17894	0.518083	0.437587	0.731168	1
cg25758394	TP73;TP73;TP73;TP73	0.826817	0.324686	1.53256	1.53256	0.180944	1.81535	1.81535	0.915156	0.95625	-1.04575	0.362495	1.48126	1.48126	0.903424	1.05228	1.05228	0.641849	0.821495	-1.21729	0.505172	1.32823	1.32823	0.573071	1.27002	1.27002	0.86571	1.07364	1.07364	0.517761	1.44501	2.48079	1
cg17008181	SDC1;SDC1	0.826821	0.27147	3.68311	3.68311	0.33517	?	?	?	0.830679	1.20384	0.887863	1.03117	1.03117	?	?	?	0.980404	1.02046	-1.02046	0.977275	1.49136	?	?	?	1.49136	?	?	?	0.518093	0.219804	0.57257	1
cg13774095	C9orf30	0.826835	0.209992	0.647101	-1.54535	0.780884	1.09622	1.09622	0.934144	0.97314	-1.0276	0.973487	1.01101	1.01101	0.701464	1.1353	1.1353	0.720715	0.888456	-1.12555	0.912416	1.03691	1.03691	0.826933	1.07481	1.07481	0.204651	1.5542	1.5542	0.517735	0.890027	1.52807	1
cg07096206	FLJ32065	0.826835	0.93813	0.909699	-1.09926	0.495547	2.32481	2.32481	0.622046	0.54566	-1.83264	0.876272	1.20844	1.20844	0.496487	2.3204	2.3204	0.406152	2.81805	2.81805	?	?	?	0.370239	0.325706	-3.07026	0.454605	0.395122	-2.53087	0.499807	10.4577	20.9236	1
cg09163457	DUSP9	0.826848	0.162468	2.08429	2.08429	0.452961	0.384029	-2.60381	0.407902	0.746258	-1.34008	0.628532	0.76536	-1.30675	0.144196	1.44196	1.44196	0.361012	1.39056	1.39056	0.562679	0.772777	0.748353	-1.33627	0.819755	0.904027	-1.10616	0.660766	0.642639	-1.55608	0.517728	4.8203	7.14135	1
cg14800883	ARPC4;TADA3;TADA3;ARPC4;ARPC4;TA DA3;TADA3	0.826844	0.303987	1.45964	1.45964	0.566974	0.814177	-1.22823	0.580736	1.21917	1.21917	0.721581	0.880637	-1.13554	0.413763	1.34556	1.34556	0.783988	1.10254	1.10254	0.204396	1.60925	1.60925	0.960785	0.982685	-1.01762	0.978839	1.00947	1.00947	0.517726	1.03477	1.7766	1
cg08782787	CHAP1B	0.826844	0.287559	1.7959	1.7959	0.483393	1.4589	1.4589	0.603909	1.31985	1.31985	0.747698	1.18665	1.18665	0.839963	1.11317	1.11317	0.9478	1.065878	-1.03533	0.33131	0.587728	-1.70147	0.528009	0.712469	-1.40357	0.454307	1.49803	1.49803	0.517721	2.30543	3.95825	1
cg14754581	CCRL2;CCRL2;CCRL2	0.826887	0.924212	1.05841	1.05841	0.909259	1.07038	1.07038	0.127652	0.37431	-2.67158	0.285356	0.515826	-1.93864	0.827783	0.878119	-1.1388	0.970355	1.02242	1.02242	0.761727	0.834083	-1.19892	0.578019	0.715166	-1.39828	0.460551	0.638777	-1.56549	0.517666	2.91783	5

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg06632732	MPRIP;MPRIP	0.827915	0.661462	1.40293	1.440293	0.543251	1.60945	1.60945	0.428916	1.85981	1.85981	0.728976	1.30637	1.30637	0.610562	1.48367	1.48367	0.406683	1.91974	1.91974	0.139152	1.39749	1.39749	0.253377	2.51119	2.51119	0.635693	1.44291	1.44291	0.516168	4.82611	8.311	1
cg12710531	CTSC	0.827916	0.824367	0.904301	-1.10583	0.831211	1.10142	1.10142	0.75053	1.1553	1.1553	0.579687	1.28811	1.28811	0.248553	1.7261	1.7261	0.271275	1.67972	1.6792	0.28308	1.63568	1.65657	0.503102	1.36008	1.36008	0.347932	1.5486	1.5486	0.516166	1.67431	2.88334	1
cg16477662	SEMA5A	0.827918	0.665164	0.685911	-1.45787	0.183485	0.292872	-3.41446	0.362214	0.444507	-2.24968	0.855812	1.17055	1.17055	0.55919	0.599706	-1.66748	0.628372	0.65557	-1.52539	0.484139	0.540339	-1.85069	0.529165	0.575842	-1.73659	0.534481	1.72398	1.72398	0.516164	6.12706	10.5514	1
cg08142860	INSIG1;INSIG1;INSIG1	0.827918	0.581122	1.31072	1.31072	0.800751	0.884454	-1.13004	0.196888	0.93951	1.03951	0.599648	1.07323	-1.29327	0.846635	0.910266	-1.09858	0.691032	1.21406	1.21406	0.290425	0.597007	-1.70356	0.978841	1.01266	1.01266	0.890224	1.06935	1.06935	0.516161	1.92721	3.31387	1
cg05404407	UQCRQ	0.82792	0.964961	0.986356	-1.01383	0.452996	1.27008	1.27008	0.325682	1.37352	1.37352	0.946459	1.02123	1.02123	0.288519	1.41141	1.41141	0.92071	1.03163	1.03163	0.288703	1.07086	1.03163	0.479016	0.992158	-1.0079	0.69423	1.13152	1.13152	0.516161	0.799539	1.3769	1
cg05084793	SMIM1	0.827928	0.385485	0.624614	-1.60099	0.87805	1.08403	1.08403	0.901885	1.06741	1.06741	0.27994	1.81144	1.81144	0.825454	1.12393	1.12393	0.680811	1.24457	1.24457	0.36131	0.608734	-1.64275	0.407909	0.630952	-1.56482	0.802028	0.875564	-1.14212	0.516149	2.88726	3.93902	1
cg15273954	TTTY15	0.82795	0.413425	0.579592	-1.72535	?	?	?	?	?	?	?	?	?	?	?	?	0.368794	1.82787	1.82787	0.913181	1.07314	1.07314	0.886646	0.911807	-1.09672	0.855166	0.888437	-1.12557	0.408162	1.43244	4.21139	1
cg22798412	SDF4;SDF4 CSTF1;AURKA;AURKA;AURKA;AURKA;C STF1;AURKA;AURKA;AURKA;AURKA;AU	0.827971	0.758717	0.887996	-1.12613	0.896368	0.954811	-1.04733	0.866661	0.942112	-1.06144	0.67952	0.862938	-1.15883	0.10425	0.532465	-1.87806	0.284845	0.674209	-1.48322	0.477676	0.774003	-1.29198	0.872325	0.944527	-1.05873	0.654217	0.851387	-1.17455	0.516086	1.02924	1.77222	1
cg03897156	RKA;AURKA;AURKA;AURKA;CST CCNDBP1;CCNDBP1;CCNDBP1;CCNDBP	0.827975	0.709523	1.06348	1.06348	0.147937	1.29086	1.29086	0.276103	1.20483	1.20483	0.430651	1.14146	1.14146	0.475218	1.12685	1.12685	0.983485	0.996601	-1.00341	0.917454	0.983093	-1.0172	0.942346	1.01197	1.01197	0.543169	1.10653	1.10653	0.516081	0.221122	0.380857	1
cg01582045	1	0.827982	0.511635	1.18459	1.18459	0.732401	0.91636	-1.09127	0.635533	1.12919	1.12919	0.463224	1.20927	1.20927	0.673716	1.11379	1.11379	0.642979	1.12614	1.12614	0.828833	0.943691	-1.05665	0.168907	0.68865	-1.45212	0.845587	1.05087	1.05087	0.516071	0.529335	0.951734	1
cg06340161	GPT2;GPT2	0.827985	0.727978	1.19685	1.19685	0.0986873	2.53907	2.53907	0.748399	1.18011	1.18011	0.711918	0.826234	-1.21031	0.641025	1.27335	1.27335	0.728405	1.19649	1.19649	0.60221	1.31078	1.31078	0.711603	1.21058	1.21058	0.67802	0.806662	-1.23968	0.516067	2.16451	3.72822	1
cg01592187	AMN1;AMN1;AMN1	0.827998	0.571982	0.854905	-1.16972	0.218626	0.701044	-1.42644	0.463589	0.857405	-1.16715	0.224442	0.473057	0.818461	-1.2218	0.785253	0.927767	-1.07786	0.874043	0.957386	-1.04451	0.521748	0.836733	-1.19512	0.377592	0.779951	-1.28213	0.432228	1.24611	0.246161	0.615187	1.06083	1
cg06329537	UBF(D);ARS2;ARS2	0.828006	0.201656	0.661552	-1.51157	0.49546	0.075716	-1.56616	0.732601	1.01765	1.13715	0.139556	1.29104	1.29104	0.122601	1.13715	1.13715	0.099596	1.03934	1.03934	0.43027	0.900349	-1.10859	0.429398	1.33612	1.33612	0.41251	1.35117	1.35117	0.516035	1.05469	1.81657	1
cg22955899	DLGAP5;DLGAP5	0.828025	0.395163	0.206504	-4.84252	0.86993	1.34561	1.34561	0.513884	0.30145	-3.3173	0.878414	0.757829	-1.31956	0.87208	0.746851	-1.33895	0.438417	0.41859	-2.38959	0.195625	0.088818	-11.9306	0.589839	2.67993	2.67993	0.931419	1.16872	1.16872	0.516009	26.8146	46.1914	1
cg19933178	TL12	0.828035	0.431699	0.748684	-1.33533	0.747557	0.890155	-1.1234	0.322432	1.43948	1.43948	0.990848	1.0045	1.0045	0.991245	0.728664	-1.37237	0.94837	0.976935	-1.02361	0.363949	1.3996	1.3996	0.521865	1.26355	1.26355	0.715995	1.14072	1.14072	0.515994	1.06114	1.828	1
cg08083016	STX11	0.82804	0.526098	1.01047	1.10047	0.397961	1.13781	1.13781	0.657864	1.06903	1.06903	0.144673	1.26113	1.26113	0.382514	1.14355	1.14355	0.394575	1.10102	1.10102	0.853212	0.97264	-1.02813	0.778131	1.04322	1.04322	0.672462	0.938295	-1.06576	0.515986	0.183325	0.315813	1
cg07603843	DNAH17	0.828045	0.285128	0.779214	-1.28334	0.811994	0.947866	-1.055	0.645425	0.901128	-1.10972	0.717608	1.08503	1.08503	0.221063	0.748971	-1.33516	0.876973	1.03542	1.03542	0.64295	1.1106	1.1106	0.379104	0.816477	-1.22477	0.602616	0.888668	-1.12528	0.51598	0.412613	0.710817	1
cg12094543	C1orf151 ADAM9;TM2D2;ADAM9;TM2D2;ADAM 9;ADAM9;TM2D2;TM2D2	0.828046	0.239945	0.78295	1.27232	0.843664	0.941971	-1.0616	0.905955	0.976773	-1.02378	0.898454	0.994931	-1.00515	0.253134	0.780797	-1.28775	0.831889	0.958608	-1.04318	0.42788	1.17464	1.17464	0.574656	1.11936	1.11936	0.924372	1.01906	1.01906	0.515978	0.32316	0.550715	1
cg13064004	9;ADAM9;TM2D2;TM2D2	0.828049	0.766694	0.817587	-1.22311	0.309095	2.03909	2.03909	0.707322	1.29085	1.29085	0.795812	1.19188	1.19188	0.674394	0.681429	-1.4675	0.836909	0.869778	-1.14972	0.303752	0.486276	-2.05645	0.343979	1.93446	1.93446	0.737405	1.2558	1.2558	0.515974	3.74401	6.44997	1
cg22884516	SMC1B;RIBC2	0.828071	0.513951	0.631265	-1.58412	0.752796	1.24558	1.24558	0.962191	1.0335	1.0335	0.990615	0.991858	-1.00821	0.666986	0.740179	-1.35103	0.83354	0.863926	-1.15751	0.109259	0.297088	-3.366	0.438129	0.577138	-1.73269	0.803162	1.18955	1.18955	0.515942	3.94714	6.80032	1
cg04926803	PAICS;PAICS;PPAT;PAICS	0.828077	0.631846	0.817255	-1.22361	0.147683	1.91431	1.91431	0.7643	1.13395	1.13395	0.598604	1.24865	1.24865	0.746205	1.14412	1.14412	0.787067	0.892985	-1.11984	0.851294	1.08161	1.08161	0.931895	1.03618	1.03618	0.26968	1.6169	1.6169	0.515933	1.428	2.46027	1
cg10752038	RABL3;STF2I1	0.828105	0.697266	1.14313	1.14313	0.602883	1.44581	1.44581	0.747827	1.17847	1.17847	0.288406	1.44605	1.44605	0.988982	1.005675	-1.00194	0.934407	1.03031	1.03031	0.816655	0.926795	-1.07917	0.595492	0.955451	0.939332	-1.06462	0.532239	0.805343	-1.24171	0.615892	0.956747	0.164984	1
cg01400750	ANAPC10	0.828135	0.642258	0.835841	-1.1964	0.919456	1.03953	1.03953	0.638299	0.834031	-1.199	0.74626	1.13252	1.13252	0.553431	1.25833	1.25833	0.815345	0.914234	-1.09381	0.880424	1.0594	1.0594	0.787084	0.901433	-1.10934	0.107552	0.510077	-1.96049	0.515848	1.20031	2.06832	1
cg02043600	STX18 RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;R	0.828154	0.776491	1.10003	1.10003	0.820774	1.07831	1.07831	?	?	?	0.691923	0.874026	-1.14295	0.592856	1.19911	1.19911	0.34245	0.716382	-1.3959	?	?	?	?	?	?	?	?	?	0.404948	0.360586	0.902797	1
cg04374914	NH1;RNH1	0.828155	0.759559	1.07338	1.07338	0.211993	1.3543	1.3543	0.55733	1.14672	1.14672	0.663698	0.904001	-1.10619	0.900363	1.02941	1.02941	0.49627	0.85269	-1.17276	0.95122	1.01421	1.01421	0.757148	0.930946	-1.07418	0.340304	0.79716	-1.25445	0.515982	0.434743	0.749173	1
cg19926144	DIP2C	0.828173	0.411361	0.525221	-1.90405	0.154153	0.774892	-1.29085	0.743478	0.835003	-1.19738	0.428413	0.98571	-1.01419	0.515703	1.02315	1.02315	0.749001	0.78049	-1.28126	0.345387	0.501771	-1.99294	0.561383	0.72115	-1.38687	0.501771	1.2448	1.2448	0.515794	0.90565	0.845411	1
cg05490233	PLXND1 2BTB20;2BTB20;2BTB20;2BTB20;2BTB2	0.82818	0.558564	1.57863	1.57863	0.370036	0.491423	-2.03491	0.728807	0.764432	-1.30816	0.974885	1.02459	1.02459	0.736126	1.29827	1.29827	0.372265	2.02784	2.02784	0.738275	1.29538	1.29538	0.551345	0.628034	-1.59227	0.289664	0.428187	-2.33543	0.515783	4.86556	8.3852	1
cg06225294	0;2BTB20	0.828201	0.525789	0.539433	-1.8538	0.322798	0.375109	-2.66589	0.805946	1.26656	1.26656	0.937809	1.0778	1.0778	0.30806	0.363146	-2.75371	0.497721	0.516365	-1.93661	0.408434	0.444068	-2.25191	0.232837	0.300854	-3.32387	0.967343	1.04009	1.04009	0.515752	7.52947	12.9769	1
cg00351930	ZEB1;ZEB1;ZEB1;ZEB1;LOC220930	0.828221	0.982451	0.995017	-1.00503	0.469559	1.18195	1.18195	0.304621	1.27307	1.27307	0.47006	0.86426	-1.18163	0.594439	0.885116	-1.12979	0.833551	0.953134	-1.04895	0.406291	0.824531	-1.2128	0.804996	0.945373	-1.05778	0.397557	0.821422	-1.2174	0.515723	0.421241	0.726042	1
cg15845231	NW01	0.828253	0.369022	0.599126	-1.66903	0.76466	1.10404	1.10404	0.509227	0.903327	0.934547	-1.0944	0.887756	0.887756	0.188387	1.1264	1.1264	0.353026	0.793306	-1.26036	0.243456	0.388991	-1.56497	0.216834	0.534716	0.54716	0.389991	0.939932	1.08802	1.08802	0.515678	4.41381	7.60821	1
cg21692241	HLA-DQA1	0.828263	?	?	?	0.414639	0.395763	-2.52677	0.299513	0.302638	-3.30428	?	?	?	0.875078	0.839552	-1.19111	0.340653	0.335691	-2.97893	0.435245	0.412747	-2.42279	0.870032	0.833581	-1.19964	0.376179	0.364389	-2.74432	0.475657	7.24012	17.3958	1
cg03049917	NTRK1;NTRK1;NTRK3 ENSA;ENSA;ENSA;ENSA;ENSA;ENSA;EN	0.828295	0.673946	0.834955	-1.19767	0.208326	1.35739	1.35739	0.474831	1.16313	1.16313	0.365796	0.927407	-1.07828	0.706374	1.17486	1.17486	0.626955	1.07264	1.07264	0.326447	1.15177	1.15177	0.629897	1.16287	1.16287	0.204644	0.864227	-1.01603	0.515567	0.14834	0.253787	1
cg00792172	SA;ENSA	0.828328	0.906916	0.975146	-1.02549	0.752889	0.934303	-1.07032	0.375583	0.822294	-1.21611	0.526837	1.14793	1.14793	0.212135	1.3258	1.3258	0.826037	0.953743	-1.0485	0.540471	0.875739	-1.14262	0.83549	0.956245	-1.04576	0.542729	1.14175	1.14175	0.515569	0.378001	0.651709	1
cg04461947	ABHD13;LIG4	0.828334	0.952455	0.990514	-1.00954	0.914153	1.07489	1.07489	0.552126	1.16357	1.16357	0.615395	1.16867	1.16867	0.292532	1.17295	1.17295	0.629451	0.893147	-1.12127	0.54301	0.865064	-1.15598	0.764486	1.09315	1.09315	0.993757	0.99816	-1.00184	0.515559	0.452572	0.780291	1
cg16581840	MAP3K5	0.82834	0.332115	0.25631	0.205631	0.894028	1.10029	1.10029	0.547046	0.645468	-1.54926	0.396351	1.8684	1.8684	0.264112	0.431701	-2.31642	0.867381	1.12734	1.12734	0.906709	1.00838	1.00838	0.971062	1.02635	1.02635	0.587325	1.48219	1.48219	0.51094	4.07337	6.32069	1
cg00106323	TNIP1	0.828346	0.426216	0.195293	-5.12102	0.106405	0.477169	-2.09274	0.409032	0.81933	-1.22101	0.44221	0.888208	0.888208	0.137994	1.12564	1.12564	0.398425	0.894825	-1.11784	0.466114	0.530916	1.2962	1.2962	0.944842	-1.0584	0.530916	1.2962	1.2962	0.515059	0.545541	0.844483	1
cg06098164	SPAG16;SPAG16	0.828375	0.860565	0.927558	-1.0781	0.183213	0.546613	-1.82945	0.171395	0.536426	-1.86419	0.710655	0.852673	-1.17278	0.82525	0.909753	-1.0992	0.856295	1.08062	1.08062	0.970466	1.01596	1.01596	0.736809	1.1552	1.1552	0.860296	0.927422	-1.07826	0.5155	1.49357	2.57539	1
cg04012401	ANO8	0.828401	0.258561	1.5413	1.5413	0.194118	1.01078	1.00278	0.233464	1.36415	1.36415	0.160179	1.26407	1.26407	0.137973	0.885386	-1.12945	0.659434	1.12035	1.12035	0.894992	1.05951	1.05951	0.784406	1.04126	1.04126	0.648451	0.903355	-1.10698	0.515462	0.560561	0.871941	1
cg25938262	GGH	0.828414	0.132742	1.17322	1.17322	0.636249	0.882882	1.14265	0.329057	0.768454	-1.30131	0.888839	0.964094	-1.03724	0.588542	0.941901	-1.0617	0.625627	1.13811	1.13811	0.940901	1.03497	1.03497	0.725042	0.97026	-1.03071	0.20277	0.70528	0.90543	-1.10445	0.515462	0.580088	0.962397	1
cg00402633	CDKN1C;CDKN1C;CDKN1C	0.828402	0.831217	0.953655	-1.0486	0.853777	1.04187	1.04187	0.95692	0.988062	-1.01208	0.41453	1.20374	1.20374	0.685195	0.913374	-1.09484	0.698867	0.917204	-1.09027	0.851345	0.959149	-1.04259	0.652927	1.10588	1.10588	0.123411	1.44921	1.44921	0.515461	0.403522	0.695856	1
cg15217432	LSG1	0.828406	0.496293	0.388363	-2.57493	0.974408	0.931308	1.08508	0.502823	1.23043	1.23043	0.25943	?	?	?	?	?	?	?	?	?	0.990259	0.98815	0.988659	0.520142	-1.92255	0.413217	2.8833	2.8833	0.447678	7.57429	22.5587	1
cg05533205	COQ10B	0.828421	0.711454	1.11818	1.11818	0.647021	0.870569	-1.14867	0.969019	0.988392	-1.01174	0.852103	1.05771	1.05771	0.472211	1.24587	1.24587	0.2243	1.46781	1.46781	0.35587	0.755629	-1.33044	0.81147	1.07448	1.07448	0.421174	1.28024	1.28024	0.515433	0.737834	1.27243	1
cg15388490	TMEM176A	0.828441	0.649132	1.24961	1.24961	0.264672	0.698638	-1.43547	0.666018	1.22254	1.22254	0.566234	1.30773	1.30773	0.296397	0.871223	-1.14781	0.938222	1.16241	1.16241	0.648079	1.03662	1.03662	0.861958	0.731426	-1.39383	0.379405	0.816527	1.03662	1.03662	0.515434	0.509759	-1.96171	0.515464	0.747959	0.601414	1
cg16924460	B3GNT1	0.828441	0.974751	0.992029	1.00804	0.771209	0.928918	-1.07652	0.161105	0.684854	-1.46017	0.329375	0.775265	-1.28988	0.316493	0.770494	-1.29787	0.616962	0.880278	-1.136	0.597571	0.873964	-1.14421	0.326516	0.674821	-1.29195	0.796547	0.936754	-1.06752	0.515404	0.521988	0.900244	1
cg14267020	SCARNA8;HAUS6	0.828492	0.83221	1.1201	1.1201	0.851421	0.904609	-1.10545	0.183695	0.470428	-2.12572	0.436171	1.52918	1.52918	0.244435	0.779994	-1.28206	0.835963	0.895069	-1.11723	0.755858	1.18147	1.18147	0.368183	1.63917	1.63917	0.916263	0.945321	-1.05784	0.51533	2.33309	4.02434	1
cg20408200	DYRK2;DYRK2	0.828506	0.932086	0.98578	1.01448	0.939077	1.1571	1.1571	0.73	1.13359	1.13359	0.38572	1.10115	1.10115	0.38756	1.16471	1.16471	0.924045	1.12434	1.12434	0.817718	1.03955	1.03955	0.866029	0.99287	-1.00718	0.774078	1.04955	1.04955	0.515431	0.154219	0.397463	1
cg27307523	ESPN	0.828506	0.447429	0.717526	-1.39368	0.829341	1.09696	1.09696	0.553182	0.773236	-1.29327	0.753365	0.873602	-1.14469	0.658947	0.826611	-1.20976	0.282995	0.619878	-1.61322	0.127115	0.492962	-2.02855	0.855528	0.924841	-1.08127	0.859308	0.926758	-1.07903	0.515309	1.49996	2.58738	1
cg02422426	OGDI	0.828512	0.794335	0.922248	-1.08413	0.586739	1.18536	1.18536	0.513589	1.37885	1.37885	0.962191	0.98542	-1.0148	0.998355	0.999161	-1.00084	0.637813	1.15825	1.15825	0.409893	0.783488	-1.27634	0.497374	1.30044	1.30044	0.255509	1.44453	1.44453	0.515302	0.783406	1.35137	1
cg06059056	IQSEC1;IQSEC1	0.828524	0.313552	0.277147	-3.60819	0.783693	1.40321	1.40321	0.501035	2.33188	2.33188	0.768831	1.43739	1.43739	0.257027	0.233089	4.29021	0.822749	3.13813	3.13813	0.45842	0.394758	-2.5332	0.599449	0.520781	-1.92019	0.609276	0.530136	-1.88631	0.515283	12.3688	21.3367	1
cg25462896	ABCG4;ABCG4	0.828525	0.938771	1.03554	1.03554	0.658061	0.816718	-1.22441	0.128564	0.473957	-2.1099	0.812731	1.11391	1.11391	0.288951	0.606323	-1.64929	0.905975	1.05518	1.05518	0.754672	1.15313	1.15313	0.941066	0.960951	-1.03418	0.823923	0.903669	-1.1066	0.515281	1.68606	2.90854	1
cg05622875	PAPOS;PAPOS	0.828532	0.982228	0.995455	1.00354	0.97316	1.13186	1.13186	0.784264	1.08298	1.08298	0.228452	1.23193	1.23193	0.600187	1.12343	1.12343	0.635704	1.14886	1.14886	0.64355	0.788646	-1.268	0.563987	1.14886	1.14886	0.513022	1.18463	1.18463	0.515272	0.688645	1.18797	1
cg19133903	AVPI1;AVPI1	0.828539	0.356696	0.30963	0.309463	0.924429	1.02736	1.02736	0.910856	0.971141	-1.02972	0.440083	0.799276	-1.25133	0.445482	1.24771	1.24771	0.699186	0.895395	-1.11682	0.510996	0.822702	-1.20889	0.311289	0.742242	-1.34727	0.628112	0.870322	-1.149	0.515262	0.660755	1.13988	1
cg18991321	AGFG2	0.828548	0.991608	1.00844	1.00844	0.265207	1.94097	1.94097	0.812707	1.14519	1.14519	0.745696	1.55108	1.55108	0.772884	1.17972	1.17972	0.820707	1.13843	1.13843	0.79274	1.1623	1.1623	0.716605	0.64804	-1.54284	0.575612	1.38132	1.38132	0.515247	2.62208	4.59254	1
cg13171890	NKAIN2 FAM123C;FAM123C;FAM123C;FAM123 C	0.828559	0.324972	0.816951	-1.22406	0.413367	0.846759	-1.18097	0.790277	1.05445	1.05445	0.414505	1.18047	1.18047	0.620573	1.10435	1.10435	0.799518	1.05192	1.05192	0.890398	0.972946	-1.0278	0.567011	1.12198	1.12198	0.367283	1.20228	1.20228	0.515233	0.322861	0.557007	1
cg09987596	C	0.828562	0.677176	1.40091	1.40091	0.44461	0.533923	-1.87293	0.750402	1.29274	1.29274	0.653767	1.43842	1.43842	0.686554	1.38633	1.38633	0.621761	1.49246	1.49246	0.177738	1.31683	1.31683	0.567962	0.968177	-1.03287	0.298237	1.3827	1.3827	0.515228	5.29073	9.12776	1
cg12309176	WAPAL	0.828571	0.279838	1.46707	1.46707	0.874652	1.05533	1.05533	0.600897	1.1973	1.1973	0.249297	1.508	1.508	0.378418	0.734695	-1.36111	0.849059	0.937067	-1.06716	0.701233	1.14055	1.14055	0.891482	1.04767	1.04767	0.723346	0.885808	-1.12891	0.515215	0.949683	1.63847	1
cg04863815	NFIC;NFIC	0.828574	0.667934	0.842187	-1.18739	0.857532	1.0741	1.0741	0.453889	1.35554	1.35554	0.359088	0.987102	-1.01359	0.974	1.23428	1.23428	0.953982	0.97298	-1.02733	0.962266	1.5923	1.5923	0.444906	1.36326	1.36326	0.566528	1.25932	1.25932	0.51529	0.22292	0.229957	1
cg10035432	PNN	0.828578	0.299877	0.756779	-1.32139	0.65288	1.88194	-1.12461	0.3576	0.782382	-1.27815	0.627522	0.89558	-1.11659	0.994398	1.00184	1.00184	0.948704	0.983446	-1.01132	0.796552	0.952541	-1.05297	0.988004	-1.01112	0.945652	0.982471	-1.01784	0.515204	0.549045	0.947275	1
cg08362181	MYH13	0.828595	0.542992	0.900323	-1.11071	0.850363	0.968306	-1.03273	0.177247	0.783051	-1.27706	0.569767	1.10292	1.10292	0.694614	1.0696	1.0696	0.698814	1.06855	1.06855	0.93035	1.01502	1.01502	0.334325	0.843831	-1.18507	0.943971	0.988085	-1.01206	0.51518	0.237285	0.409411	1
cg13189759	HK1;HK1;HK1;HK1;HK1	0.828598	0.540469	1.13433	1.13433	0.482697	1.26397	1.26397	0.586151	1.16156	1.16156	0.453304	1.85818	1.85818	0.372028	1.72128	1.72128	0.474649	1.19886	1.19886	0.330821	1.67352	1.67352	0.413548	1.96987	1.96987	0.35075	1.79119	1.79119	0.515175	1.36718	2.26058	1
cg17112868	LOC401127	0.8286	0.535247	0.855271	-1.16922	0.956427	0.1037	-3.1037	0.577594	0.86929	-1.15036	0.320443	0.775575	-1.28937	0.84743	0.953172	-1.04913	0.640354	0.884443	-1.1243	0.483136	1.19418	1.19418	0.429743	0.818162	-1.22225	0.210139	0.719769	-1.38933	0.515173	0.505831	0.87277	1
cg26804061	SACM1L;SACM1L	0.828605	0.215023	0.185652	-5.38563	0.0997	0.257557	-3.22424	0.932079	0.72117	-1.38664	0.274525	0.7403	-1.35065	0.881237	1.03002	1.03002	0.717909	0.914	-1.09375	0.537858	0.875719	-1.14192	0.806504	0.92803	-1.07781	0.644448	0.907061	-1.10204	0.515163	0.844644	1.53268	1
cg22608160	SLC44A3;SLC44A3	0.828628	0.408805	0.713226	-1.40208	0.824739	1.09278	1.09278	0.915719	0.958537	-1.04326	0.832846	0.918929	-1.08822	0.972924	0.986515	-1.01367	0.514487	1.3027	1.3027	0.437619	1.37266	1.37266	0.167814	1.80051	1.80051	0.835458	0.920165

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	p-value(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(527T vs. N)	Fold-Change(527T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
cg13587908	FAM69B		0.829321		0.870542		0.947528		0.105538		0.849835		0.106464		0.390724		1.33727		0.984023		0.993482		-1.00656		0.577098		0.830137		-1.20662		0.359942		0.730673		-1.3686		0.313846		0.707856		-1.4109		0.312202		0.707879		-1.41267		0.853508		1.06299		0.534125		0.88924		1.53744	
cg01176823	IGFBP5		0.829337		0.728105		1.25089		0.289512		2.03572		2.03572		0.506691		1.5405		0.70083		1.28096		1.28096		0.774859		1.20194		1.20194		0.42702		1.68233		0.154023		0.563853		0.647177		1.63993		1.63993		0.350088		1.85318		1.85318		0.514103		0.34968		5.79164	
cg08453008	KLHL1		0.829342		0.378372		0.46941		-2.13034		0.60664		0.64753		-1.54433		0.579298		1.59778		1.59778		0.933005		0.932063		-1.07289		0.298296		0.405693		-2.46492																			
cg23407265	RHOBTB1;RHOBTB1		0.829351		0.490452		1.42288		1.422889		0.988083		1.00755		1.007755		1.007755		0.428412		0.665597		-1.50241		0.77415		1.15588		1.15588		0.116326		0.445682		-2.24372																			
cg13195520	MARCH10;MARCH10		0.829361		0.532088		1.48132		1.481132		0.667125		0.76083		-1.31435		0.137485		0.370815		-2.69676		0.739045		2.24524		2.24524		2.565109		0.839031		0.695617		-1.43757																			
cg04108334	GDF2		0.829365		0.609146		1.20834		1.208834		0.432629		1.34163		1.34163		0.13892		1.8261		1.8261		0.96702		1.05129		1.05129		0.75525		0.891573		-1.12164		0.724024		0.878006		-1.13894		0.716374		0.874477		-1.14328		0.971264		0.986868		-1.01331		0.540651		1.06051		1.89603	
cg02251859	GPR98;GPR98		0.82937		?		?		0.585864		0.546224		-1.83075		0.189116		0.216722		-4.61419		0.801799		1.31846		1.31846		0.878348		0.845048		-1.18336																			
cg20154231	WDR33;WDR33;WDR33		0.829382		0.549514		0.741192		-1.34918		0.181439		1.55829		1.55829		0.198022		1.99984		1.99984		0.90194		0.940798		-1.06293		0.925096		0.954556		-1.04761																			
cg02287685	C15orf27		0.829383		0.658069		1.697608		1.43347		0.138701		3.62764		3.62764		0.404466		0.99299		-1.00737		0.19414		0.10414		0.64559		0.696433		-1.43589		0.757739		0.778697		-1.2842		0.163821		0.176918		0.744993		-1.3423		0.140035		0.32109		0.20142	
cg15500993	RPL39		0.829385		0.228688		0.299101		-3.34335		0.73695		0.724638		-1.38		0.827561		1.23173		1.23173		0.644249		1.55932		1.55932		0.650895		1.54532		1.54532																			
cg27207516	CEP72		0.82944		0.449411		0.581284		1.351776		0.237317		1.67237		1.67237		0.165609		2.62007		2.62007		?		?		0.635256		0.975422		0.635256		0.975422		-1.02973																			
cg04784196	ZNF230		0.829407		0.417064		0.874557		-1.14344		0.877502		0.975379		-1.02524		0.723063		0.944117		-1.05919		0.456343		0.884612		-1.13044		0.775152		0.793255		-1.26063																			
cg08199021	CCDC77;CCDC77;CCDC77;CCDC77		0.829408		0.71209		0.87142		-1.14703		0.787859		1.10486		1.10486		0.347519		0.887344		-1.12696		0.919783		1.02926		1.09515		0.997764		1.02024		1.02024																			
cg06320420	CDT1		0.829427		0.410379		1.45635		1.45635		0.391294		0.67555		-1.48028		0.318358		1.58494		1.58494		0.397972		1.47177		1.47177		0.413014		1.45334		1.45314																			
cg21297673	WNT4		0.82945		0.214769		0.585069		-1.7092		0.933596		1.0348		1.0348		0.841155		1.08564		1.08564		0.514132		0.762183		1.12021		1.12021		0.585264		1.70863		0.649848		0.828594		1.20634		0.680447		1.47002		1.06062		1.06062		0.632664		1.21854		0.994683		0.997269		-1.00274		0.153937		0.13712		7.29373	
cg04524013	GAS7;GAS7;GAS7		0.829471		0.865632		0.932247		-1.07208		0.579425		1.26101		1.26101		0.1776		1.83038		1.83038		0.477452		1.34881		1.34881		0.435805		1.19555		0.820791		0.958724		1.04356		0.987284		1.01292		0.952895		1.05051		1.30163		1.31908		1.39676		2.41593	
cg07616562	POU2F3		0.829473		0.759013		1.1443		1.1443		0.318599		1.57072		1.57072		0.760534		0.874672		-1.14329		0.192879		1.82878		1.82878		0.367601		1.49992		1.49992		0.912382		1.0494		1.0494		0.375562		1.48939		1.48939		0.741625		1.15596		1.15596		0.439847		1.41212		1.41212		0.910905		1.56176		2.70134	
cg22783641	C1QTNF1;C1QTNF3		0.82948		0.845005		1.06778		1.067778		0.179183		0.619493		1.61305		0.985254		1.0062		1.0062		0.429394		0.963155		-1.31036		0.99692		1.33732		1.33732		0.902849		1.04177		1.04177		0.530201		1.23747		1.23747		0.895651		1.04495		1.04495		0.981534		0.992275		-1.00779		0.518895		0.918827		1.58066	
cg25931094	PDE2A;PDE2A;PDE2A;PDE2A		0.829488		0.528302		1.89669		1.896692		0.197422		2.941151		2.941151		0.418859		2.36008		2.36008		-1.77592		0.671347		1.39327		1.39327		0.648277		0.730264		1.36597		1.36597		0.671635		1.47868		1.47868		0.736778		1.35971		1.35971		0.847457		0.851454		1.17446		0.733876		1.2631		1.2631		0.513886		1.813		1.813		0.59549	
cg17950169	TMEM63A		0.829489		0.289719		0.429446		-2.32858		0.882863		0.892789		-1.12009		0.872381		1.13162		1.13162		0.910999		1.08981		1.08981		0.528017		0.61154		-1.63522																			
cg07850488	C20orf123		0.829511		0.631636		0.864452		-1.15682		0.780667		0.890164		-1.1235		0.404337		0.773133		-1.29344		0.97767		0.991596		-1.00848		0.581865		1.15315		1.15315		0.784004		1.08681		1.08681		0.715787		1.31657		1.94219		0.492309		0.978378		-1.0221		0.456065		0.793005		1.26301		1.26301		0.385183		1.28015	
cg17841065	BUD31;POAP1		0.829533		0.738793		0.867828		-1.1523		0.414722		0.702455		-1.42358		0.706341		1.17391		1.17391		0.794867		1.1167		1.1167		0.974351		0.986473		-1.01371		0.507385		0.750006		-1.33332		0.703233		1.17603		1.17603		0.20212		1.76918		1.76918		0.464393		1.37046		1.37046		0.513817		1.46029		2.52627	
cg23164999	STEAP3;STEAP3;STEAP3		0.829549		0.502126		1.2011		1.21033		0.248762		1.39424		1.39424		0.208603		1.38037		1.38037		0.803604		1.87957		1.87957		0.803604		1.87957		1.87957		0.53619		1.46503		1.88501		0.433133		0.339448		2.98997		0.842482		0.842482		0.496033		0.956268		1.97923		1.97923		0.536319		1.86503		1.43134

File: ESM_23 (Online Resource 23)

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	T(Test)	SS(Test)	SS(Error)	F(Error
ep19233757	ZNF517		0.8308826		0.2796509		0.8844649		0.104718		0.947644		0.992852		0.10072		0.624169		0.947489		0.105542		0.813017		0.974449		0.102622		0.370263		0.10573		0.107073		0.842698		0.981239		-1.03905		0.0196743		0.167978	1
ep25947283	LASS4		0.8308834		0.8231354		0.9490558		-1.05368		0.764213		1.07202		1.072303		0.423105		1.20822		1.208222		0.977464		0.993491		-1.00655		0.537225		1.15537		1.15537		0.639845		1.11511		1.11511		0.782791		0.93811		-1.06597		0.359742		0.804375		-1.2432		0.210072		1.35711		1.35711		0.921924		0.433321		0.752405	1
ep13373996	MT4		0.8308841		0.4954461		0.8306047		-1.20388		0.462237		1.22216		1.22216		0.981123		0.993678		-1.00636		0.430746		0.806068		-1.24059		0.325007		0.765111		-1.31318		0.505422		0.834308		-1.1986		0.242144		0.720243		-1.38842		0.619619		0.804775		-1.14356		0.769713		0.924323		-1.08187		0.511914		0.582625		1.01167	1
ep22606658	DCLK2;DCLK2		0.8308849		0.4076324		1.22153		1.22153		0.464607		0.838778		-1.19221		0.923476		1.02296		1.02296		0.542597		0.864495		-1.15674		0.897457		0.93091		1.07403		1.07403		0.794938		-1.26024		0.702628		0.913364		-1.09485		0.511903		0.452497		0.785734	1
ep26627617	ASAP2;ASAP2		0.8308854		0.61977		1.54359		1.54359		0.661397		1.46597		0.643641		0.667435		-1.49827		0.63691		0.66189		-1.51083		0.724482		1.35954		1.35954		0.622567		1.53816		1.53816		0.266514		0.73126		2.73126		0.254		2.81177		0.603533		0.634629		-1.57572		0.511895		0.10676		0.16042	1
ep17005273	CYGB		0.8308861		0.1981301		1.14892		1.14892		0.911024		0.936309		-1.06802		0.490512		1.53202		1.53202		0.753751		1.32166		1.32166		0.538502		0.693063		-1.44287		0.253002		0.21955		-4.21955		0.368985		1.72151		1.72151		0.545588		1.77158		1.77158		0.666192		0.774525		-1.29111		0.511881		2.80984		4.87913	1
ep25230157	BSCL2;GNG3;BSCL2;BSCL2		0.830877		0.7516668		1.08825		1.08825		0.806606		1.06752		1.06752		0.322828		0.761808		-1.31267		0.991522		1.00283		1.02802		0.719448		-1.38996		0.570724		1.16491		1.16491		0.503987		0.834725		-1.198		?		?		0.795052		0.933001		-1.07181		0.493875		0.493452		0.999145	1
ep03486540	ZNF224		0.830899		0.8705951		0.885004		-1.12994		0.904384		0.913659		-1.0945		0.738642		1.28609		1.28609		0.1173		0.59051		0.559014		0.218809		2.18089		0.736614		1.28872		1.28872		0.729223		0.770193		-1.29838		0.948827		0.94941		1.04941		0.865735		1.13559		0.511771		4.57632		7.94855	1
ep19243965	WDR46;WDR46;WDR46;PFDN6;WDR46		0.830959		?		?		?		0.997713		0.997946		-1.00206		0.681666		1.34511		1.34511		0.468085		1.70399		1.70399		0.614151		0.693641		-1.44167		0.968608		1.02864		1.02864		0.223257		2.54648		2.54648		0.518676		1.60273		1.60273		?		?		0.463947		2.80136		5.17552	1
ep19198791	ACOX1;ACOX1;C17orf106		0.83099		0.42172		2.13983		2.13983		0.910974		1.607933		1.607933		0.914701		1.10441		1.10441		0.620015		1.58864		1.58864		0.560307		0.640355		1.56221		1.56221		0.597075		0.609899		-1.63962		0.853215		0.842257		-1.18729		0.511696		6.962335		12.0946	1
ep18193219	RFT1		0.830994		0.793214		1.05013		1.05013		0.364513		1.18943		1.18943		0.605575		1.10184		1.10184		0.228567		0.790362		-1.26524		0.576968		0.71062		1.41062		1.11062		1.11062		0.435388		0.867732		-1.15243		0.839722		1.03842		1.03842		0.787061		0.955104		-1.05152		0.782735		0.904839		-1.05281		0.511691		0.28089		0.487952	1
ep07772868	C6orf97		0.830999		0.742302		0.9042335		-1.05794		0.491762		1.126559		1.126559		0.606245		1.088739		1.088739		0.606916		0.990265		0.990265		0.990265		1.006423		1.006423		0.829199		-1.20598		0.516565		1.11887		1.11887		0.516584		0.236127		0.401095	1
ep08856398	SQSTM1;SQSTM1;SQSTM1		0.831		0.715952		1.09903		1.09903		0.414664		1.24236		1.24236		0.999743		-1.00008		0.616123		0.13953		0.13953		0.561941		0.16361		0.16361		0.585012		1.15314		1.15314		0.200088		0.790458		-1.41873		0.749356		1.08635		1.08635		0.452222		1.21883		1.21883		0.511682		0.541108		0.940008	1
ep07857404	PHF1;PHF1;PHF1		0.831041		0.3634345		0.7973394		-1.25408		0.796331		0.939112		-1.06484		0.562558		1.1528		1.1528		0.884504		0.963512		-1.03859		0.836		0.950899		-1.05164		0.840556		1.05014		1.05014		0.650318		1.11722		1.11722		0.149257		1.45588		1.45588		0.972412		1.00843		1.00843		0.612622		0.478019		0.830507	1
ep00451635	EMP2		0.831055		0.4788371		0.7595625		-1.31661		0.8698557		0.9999317		-1.00614		0.2826919		1.53201		1.53201		0.6372173		1.19984		1.19984		0.134406		0.863406		0.981681		-1.01866		0.215921		0.6079911		-1.64476		0.927429		0.965792		-1.03563		0.182388		2.0552	1
ep15059162	ABHD10;ABHD10		0.831103		0.2754881		1.94162		1.94162		0.291179		1.897666		1.897666		0.97375		1.03943		1.03943		?		?		0.820385		1.14226		1.14226		0.274808		1.94359		1.94359		0.4788815		1.52364		1.52364		0.765769		1.19093		1.19093		0.430743		1.60058		1.60058		0.493542		2.37674		4.81568	1
ep24180093	SCL4;SCL4;SCL6A6;SLC6A6		0.831123		0.79582		1.34633		1.34633		0.268297		2.010958		2.010958		0.534993		0.782389		-1.39322		0.909274		0.941792		-1.06187		0.764127		0.854626		-1.1701		0.808386		1.14234		1.14234		0.641293		1.25261		1.25261		0.670652		1.25267		1.25267		0.594627		0.753628		1.32691		0.510504		2.24682		3.90451	1
ep26368369	GYG1		0.831124		0.6970013		1.06245		1.06245		0.966042		0.993527		-1.00652		0.936628		0.987764		-1.01239		0.360766		0.864627		-1.15657		0.68756		0.904355		-1.10572		0.480027		0.850014		-1.17629		0.460709		1.12119		1.12119		0.813862		1.03719		1.03719		0.230922		1.21478		1.21478		0.511501		0.194171		0.337431	1
ep11968414	MDC1		0.831148		0.5584521		0.89766		-1.11401		0.513019		1.128671		1.128671		0.923891		0.982717		-1.01759		0.197141		1.28244		1.28244		0.798815		0.95447		-1.0477		0.921265		0.982124		-1.0182		0.339916		0.83573		-1.19656		0.908959		1.02109		1.02109		0.660577		1.08396		1.08396		0.514467		0.269647		0.468625	1
ep10363202	USP2;USP20;USP20		0.831157		0.827099		0.884473		-1.13077		0.379447		1.82264		1.82264		0.107736		1.83902		1.83902		0.495616		1.59581		1.59581		0.54508		0.624772		1.60248		1.60248		0.482227		0.844202		0.536369		0.653143		0.596824		0.960122		1.06369		0.514543		3.59038		6.23996	1
ep16059589	ZNF311		0.831165		0.1119885		0.658734		-1.51806		0.842223		1.04924		1.04924		0.57244		1.14749		1.14749		0.574569		0.872148		-1.14659		0.903121		0.970524		1.03037		1.03037		0.726267		0.929556		-1.07578		0.962928		1.01127		1.01127		0.749067		1.08048		1.08048		0.765308		1.07488		1.07488		0.744781		0.471224		0.818991	1
ep15993401	C6orf15		0.831281		0.372262		0.8004		-1.24955		0.929555		1.12609		1.12609		0.572494		1.22892		1.22892		0.402043		0.781643		1.29508		1.29508		0.770204		0.781643		1.39508		1.39508		0.602253		0.893882		1.12025		1.12025		0.660516		-1.51397		0.330079		0.677479		-1.47406		0.554149		2.113	1
ep16750275	MCF2L;MCF2L		0.831185		0.274137		1.61877		1.61877		0.521879		1.31623		1.31623		0.766753		1.13418		1.13418		0.540522		1.29987		1.29987		0.625992		1.2311		1.2311		0.988052		1.993929		-1.00611		0.27819		1.61172		1.61172		0.63925		0.818862		-1.22121		0.263869		1.63719		1.63719		0.511412		1.45119		2.52233	1
ep17911958	PARL;PARL		0.831199		0.6097799		0.8419403		-1.18778		0.524676		0.806111		-1.24052		0.472648		0.783313		-1.27653		0.597042		0.836631		-1.19527		0.314096		0.41633		-2.40163		0.309797		0.330434		0.930811		-1.07433		0.763921		1.10595		1.10595		0.511393		0.905334		1.57363	1
ep07065683	PBS3E		0.831224		0.520927		1.37537		1.37537		0.212776		0.971049		-1.03075		0.562094		1.33199		1.33199		0.2264475		1.86278		1.86278		0.766351		0.864185		-1.15716		0.963906		1.02236		1.02236		0.853387		0.646803		-1.54607		0.748222		1.17088		1.17088		0.460226		0.691917		-1.44552		0.513798		1.12312		1.12312		0.513798		2.1	1
ep29212537	RIPK1		0.83125		0.63069		0.850142		-1.17627		0.728816		1.12373		1.12373		0.847463		0.937495		-1.06667		0.914043		1.03685		1.03685		0.495103		0.792804		-1.26135		0.489117		0.790165		-1.26556		0.970935		1.01229		1.01229		0.204791		0.638624		-1.56587		0.213769		0.644837		-1.55078		0.511318		0.909691		1.58143	1
ep01772031	MTMR11;MTMR11;SF3B4		0.831268		0.5183		1.5054		1.5054		0.421872		1.66942		1.66942		0.755284		2.11164		2.11164		0.851784		1.12393		1.12393		0.482091		0.56248		1.56248		0.184128		0.82828		0.709484		2.26333		0.511292		3.15937		5.49261	1
ep27272246	SCN4A;SCN4A;SCN5A;SCN5A;SCN5A;SC		0.831275		0.245657		0.343743		-2.90915		0.579367		1.643651		1.643651		0.224942		0.325981		-3.06762		0.895301		0.890394		-1.1231		0.77003		1.29407		1.29407		0.678225		1.44327		1.44327		0.712634		1.3845		1.3845		0.801174		1.24846		1.24846		0.837432		0.834704		-1.19803		0.511282		6.26268		10.888	1
ep28139176	SMARCC2;SMARCC2;SMARCC2		0.83126		0.95104		?		?		0.707891		0.707891		?		?		0.922179		?		?		0.922179		0.922179		0.922179

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Chrom)	Fold-Change(121T vs. Chrom)	p-value(5477 vs. N)	Fold-Change(5477 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error	F(Test)	SS(Test)	SS(Error)	df
cg25726135	PIK3CZ;PIK3CZ;PIK3CZ	0.832407	0.865311	0.870245	-1.13734	1.246185	0.15115	1.150373	0.190673	2.86345	2.86345	0.968575	1.030316	1.030316	0.543332	0.626831	-1.59533												
cg01574241	UCK2	0.824665	0.745505	0.891211	-1.12207	1.432512	0.572648	-1.74627	0.305072	0.688384	-1.45585	0.952879	0.979318	-1.02112	0.819395	0.922306	-1.08424												
cg08098800	CEBPG	0.832468	0.65995	0.76441	-1.3082	0.43148	1.62768	1.62768	0.394919	1.69669	1.69669	0.994594	0.995898	-1.00412	0.858382	1.11446	1.11446												
cg03291099	MLC1;MLC1	0.832468	0.519573	0.777389	-1.28636	0.570127	1.24778	1.24778	0.355931	1.44234	1.44234	0.524327	1.079676	-1.28258	0.442948	0.795535	-1.3522												
cg03403265	CEMP1	0.832481	0.92503	0.970156	-1.03076	0.808792	1.08117	1.08117	0.116786	0.577787	-1.73074	0.508784	0.805916	-1.24082	0.752248	1.10733	1.10733												
cg25138902	ANKRD28	0.832497	0.785543	0.870747	-1.14944	0.918375	1.05339	1.05339	0.355389	0.617285	-1.62	0.675706	1.23799	1.23799	0.601782	0.765539	-1.30627												
cg15108705	KCNK1	0.832519	0.614151	1.15194	1.15194	0.387707	0.781659	-1.27933	0.251434	0.716494	-1.39569	0.680325	0.891122	-1.12218	0.463848	0.812654	-1.23054												
cg18175779	TIE1	0.832552	0.662381	1.44067	1.44067	0.323474	2.2303	2.2303	0.381814	2.39169	2.39169	0.607832	1.45776	1.41776	0.187258	2.988	2.988												
cg01826053	PAPSS1	0.832626	0.174506	0.577507	-1.73218	0.266457	0.943775	-1.55334	0.747384	0.884332	-1.1308	0.303078	0.666473	-1.50044	0.42641	0.734251	-1.36193												
cg03287877	NMT1;DCAKD	0.832539	0.772045	0.870142	-1.14924	0.556151	0.751969	-1.32984	0.82021	0.896722	-1.11557	0.887868	0.934672	-1.06989	0.267937	0.575457	-1.73775												
cg26851410	THOP1	0.832555	0.949714	0.887552	-1.12645	0.997541	1.19689	1.19689	0.164123	1.01401	1.01401	0.477312	0.869291	-1.15421	0.616626	0.984666	-1.01638												
cg26896729	MRPL34	0.832551	0.313586	0.835632	-1.1967	0.821658	1.01966	1.03966	0.526146	0.895239	-1.11702	0.874487	1.027615	1.027615	0.907161	1.026396	-1.03816												
cg10045804	TMEM34	0.832578	0.250586	0.737302	-1.32048	0.274373	0.703567	-1.36644	0.576399	1.15379	1.15379	0.506825	1.18634	1.18634	0.806585	1.06415	-1.06415												
cg01807728	MMGB3	0.832581	0.548208	0.729198	-1.68463	0.966135	1.09543	1.09543	0.873463	0.710216	-1.40802	0.172731	0.223423	22.5423	0.486372	4.55633	4.55633												
cg13835853	PTDSS2	0.832588	0.791275	0.77335	1.07335	0.512506	1.19418	1.19418	0.318935	1.31637	1.31637	0.956601	0.985582	-1.01463	0.927229	1.02623	1.02623												
cg01295999	NAALAD2	0.832605	0.353455	0.803174	-1.2452	0.643271	1.03986	1.20396	0.86239	1.17389	1.17389	0.880176	0.955937	-1.25648	0.947232	0.919344	-1.13142												
cg23208903	NR0B1;NR0B1	0.832603	0.37956	0.456804	-2.18912	0.806702	0.808095	-1.23748	0.97952	1.02256	1.02256	0.325648	2.41605	2.41605	0.741197	1.33386	1.33386												
cg20185143	ANXA13;ANXA13	0.832642	0.18914	1.37095	1.37095	0.24366	1.59578	1.59578	0.918354	1.04007	1.04007	0.780877	1.112775	1.112775	0.871841	1.06381	1.06381												
cg10051814	ERRFI1	0.832648	0.154624	1.86984	1.86984	0.0777	0.100007	0.100007	0.286315	0.100007	0.100007	0.967864	0.9607	-1.04091	7	0.369093	2.15564												
cg01546410	HDAC4	0.832655	0.494904	1.5291	1.5291	0.198252	2.30061	2.30061	0.23614	2.13973	2.13973	0.626517	1.35054	1.35054	0.553789	1.4434	1.4434												
cg18089469	TPS3IP1	0.832657	0.850812	0.919854	-1.08705	0.448379	0.859709	-1.161	0.279744	0.853752	-1.1713	0.897524	0.982033	-1.01831	0.314616	1.13757	1.13757												
cg10126409	PRRX1;PRRX1	0.832659	0.770841	0.895193	-1.11708	0.925465	0.965151	-1.03611	0.840859	0.92662	-1.07919	0.692739	1.16247	1.16247	0.624366	1.20573	1.20573												
cg05775599	WDR60	0.832687	0.987868	1.00336	1.00336	0.6198	0.895679	-1.11647	0.862966	1.04346	1.04346	0.576397	1.03704	1.03704	0.785195	0.995984	-1.00412												
cg05538724	HAUS2;HAUS2	0.83269	0.457025	1.20464	1.20464	7	7	7	0.215063	0.725579	-1.37821	0.860489	1.04419	1.04419	0.432133	0.821137	1.21782												
cg20640374	TRPM1	0.832693	0.743955	1.1976	1.1976	0.548049	1.39714	1.39714	0.728357	0.825444	-1.21147	0.919867	0.94614	-1.05691	0.834348	1.12212	1.12212												
cg26509174	SPIC6	0.832695	0.710452	1.13011	1.13011	0.729027	1.12059	1.12059	0.753613	1.13255	1.13255	0.603558	0.983358	1.01659	0.819557	1.07516	1.07516												
cg23442621	TAPBPL;CD27;LOC678655	0.832699	0.631569	0.840585	-1.18965	0.463241	1.30783	1.30783	0.349786	0.707549	-1.41333	0.635983	1.18694	1.18694	0.777434	0.903155	-1.10723												
cg26134816	PTPN7	0.832701	0.467644	1.40227	1.40227	0.351543	1.75307	1.75307	0.164868	1.37062	1.37062	0.402107	1.50853	1.50853	0.198202	1.73115	1.73115												
cg13655586	IMMP2L	0.832721	0.767083	0.93781	-1.06631	0.175548	0.752438	-1.3653	0.610797	0.894982	-1.11734	0.654231	0.907143	-1.10236	0.960534	1.01073	1.01073												
cg25169524	CTCFL	0.83273	0.979123	0.978027	-1.02247	1.042173	4.51745	4.51745	0.468803	1.86982	1.86982	0.83742	0.839908	-1.19061	0.706695	0.725431	-1.37849												
cg26666921	LIPG	0.832733	0.652104	0.895054	-1.11725	0.160964	1.24581	1.24581	0.349581	1.15301	1.15301	0.189284	0.861111	-1.16129	0.199961	1.16228	1.16228												
cg18972666	TEKT3	0.832743	0.417688	0.511281	-1.95587	0.687229	0.720478	-1.38797	0.632807	0.677129	-1.47682	0.234035	0.355361	-2.81404	0.194757	0.329236	-3.03734												
cg10258665	PTPRN2;PTPRN2;PTPRN2	0.832745	0.63045	0.780298	-1.28156	0.408588	0.856553	-1.16753	0.844263	0.93126	-1.07398	0.437054	0.737098	-1.35677	0.564607	0.746659	-1.3393												
cg00502555	GPX4;GPX4;GPX4	0.832775	0.787303	0.912101	-1.09637	0.504041	1.25944	1.25944	0.849713	1.06666	1.06666	0.614465	0.841314	-1.18862	0.48752	0.786557	1.2712												
cg05404009	CMTM4;CMTM4	0.832779	0.573895	1.28607	1.28607	0.59148	1.27112	1.27112	0.701412	1.186	1.186	0.383777	1.48506	1.48506	0.262582	0.596174	-1.67736												
cg25764595	SSH1;SSH1;SSH1	0.832788	0.632331	1.18011	1.18011	0.729827	1.12059	1.12059	0.743668	1.26368	1.26368	0.267097	1.31564	1.31564	0.618896	1.17851	1.17851												
cg08830758	RERG;RERG	0.832788	0.788436	0.826829	-1.20944	0.908546	0.919746	-1.08726	0.787133	1.2109	1.2109	0.18918	2.67356	2.67356	0.546562	0.649608	1.53939												
cg18259302	ASCC2	0.832808	0.164308	0.719231	-1.39037	0.914945	0.977783	-1.02272	0.926317	0.976561	-1.02081	0.240496	0.75119	-1.33122	0.438408	0.839	-1.1919												
cg10266196	BRE	0.832791	?	?	?	0.58382	0.499746	-2.00214	0.468203	0.339254	-2.54289	?	?	?	?	?	?	0.808166	0.739096	-1.353	?	?	?	?	?	0.287084	2.03629	9.4278	1
cg12381164	SLC39A8;SLC39A8;SLC39A8	0.832822	0.459585	0.452825	-2.20836	0.817941	0.784581	-1.27457	0.70633	0.57148	-1.74925	0.487908	0.476415	-2.09901	0.370774	0.380224	-2.63003	0.260953	0.246512	-4.0566	0.18895	0.231231	-4.32468	0.75693	0.721327	-1.38633	0.970564	0.961919	-1.03959	0.509026	0.84	0.29	15.585	1
cg00108314	FGF2	0.832845	0.544386	0.607443	-1.64624	0.520855	0.589343	-1.69681	0.775526	1.26148	1.26148	0.92238	1.08245	1.08245	0.32635	0.438973	-2.27804	0.358305	0.464181	-2.15433	0.32046	0.230357	0.392877	0.412065	-2.4268	0.813939	1.21113	1.211513	0.508992	0.52146	0.29325	1
cg24229334	ATP1B1;ATP1B1	0.832847	0.618389	0.899904	-1.11139	0.768398	0.880369	-1.14593	0.450099	0.687578	-1.45045	0.403199	0.708735	-1.41095	0.134383	0.750186	0.955162	0.60816	0.608855	-1.6431	0.1449	0.3446	-2.90161	0.889307	0.885035	-1.0516	1.094356	1.13405	0.680899	0.630397	1	1	1	1
cg27555803	DSN1;DSN1;DSN1;DSN1;DSN1	0.832852	0.17293	2.37345	2.37345	0.625452	1.34069	1.34069	0.53489	1.45432	1.45432	0.673304	1.28753	1.28753	0.655722	1.30659	1.30659	0.233472	2.10534	2.10534	0.773934	0.842288	-1.18724	0.768398	0.838632	-1.19242	0.905126	0.173065	1.073865	0.508982	2.86312	5.00016	1	1	1	1
cg26530713	CRTC2	0.832861	0.38577	0.646937	-1.51912	0.554152	0.744788	-1.34644	0.78484	1.1939	1.1939	0.616891	1.27721	1.27721	0.229291	0.542237	-1.8446	0.37828	0.624886	-1.60043	0.663599	0.700028	-1.42852	0.747972	0.855664	-1.16868	0.773323	0.115112	0.515192	0.98969	0.315111	1	1	1	1
cg00578719	KLF16	0.832885	0.191911	2.8938	2.8938	0.761494	0.729232	-1.36385	0.753182	0.874462	-1.14392	0.663135	0.719565	-1.38995	0.417525	0.829117	-1.20647	0.747505	0.47518	-2.10447	0.910828	0.917432	-1.09	0.829117	0.844821	-1.18408	0.993357	0.869078	-1.15064	0.508933	0.76928	0.32989	1	1	1	1
cg08165880	OBSCN;OBSCN	0.832888	0.979189	0.990163	-1.00993	0.482357	0.762918	-1.31076	0.743068	1.13276	1.13276	0.333321	1.45965	1.45965	0.902316	1.04763	1.04763	0.388633	1.39773	1.39773	0.195547	1.68	1.68	0.726692	1.14224	1.14224	0.882532	0.945506	-1.05763	0.50893	1.15771	2.02204	1	1	1	1
cg19446106	BAT4;BAT4;C5NK2B	0.832902	0.954216	0.950964	-1.05183	0.749581	0.764774	-1.30745	0.747473	0.808653	-1.23702	0.642489	0.810894	-1.23351	0.642489	0.904093	1.10603	0.857247	0.96829	-1.03312	0.900003	0.857247	0.96829	-1.03312	0.900003	0.857247	0.96829	-1.03312	0.900003	-1.08269	0.579003	1.10208	0.507264	0.424303	1	1	1	1
cg24861747	SLC6A1B	0.832905	0.730475	0.578386	-1.72895	0.342513	0.0013	4.0013	0.232821	0.169672	-5.89374	0.747085	0.632058	-1.58213	0.711851	0.590943	-1.69221	0.452143	0.26258	-3.80925	0.262758	0.96258	0.630027	1.990005	0.803126	0.701751	-1.42501	0.753368	0.639601	-1.56347	0.508905	0.16032	28.3016	1	1	1	1
cg27935210	ZNF446	0.832911	0.620393	1.16153	1.16153	0.537232	1.31214	1.31214	0.362354	1.32417	1.32417	0.834825	0.959299	-1.06462	0.884456	1.0438	1.0438	0.995305	0.99837	-1.00177	0.905678	0.855402	-1.16904	0.989029	1.00391	1.00391	0.174537	1.54209	0.508896	0.729937	1.24625	1	1	1	1
cg00763746	MOST1H1D	0.832945	0.889199	0.977353	-1.02352	0.26484	1.26484	1.26484	0.815016	0.945596	-1.05753	0.273287	0.736524	-1.35773	0.59071	1.6477	1.15677	0.673136	0.892429	-1.12054	0.736473	1.07639	-1.07639	0.461881	0.857993	-1.2225	0.416876	1.23778	0.508846	0.579819	-1.03187	1	1	1	1
cg16016993	AP2A2	0.832951	0.990461	0.962653	-1.0074	0.361866	1.78269	1.78269	0.50827	1.52421	1.52421	0.694165	0.783673	-1.27604	0.639333	0.747407	-1.33796	0.685099	0.777654	-1.28592	0.987848	0.990649	-1.00944	0.208334	2.26641	2.26641	0.593915	0.717523	-1.39368	0.508838	0.30624	5.35641	1	1	1	1
cg16731153	NAA25	0.832959	0.322869	0.666442	-1.49337	0.543018	0.681817	-1.46657	0.647704	0.747041	-1.33841	0.845993	0.865593	-1.15528	0.187332	0.608013	-1.64484	0.694113	0.580454	-1.72305	0.418892	0.888041	-1.12555	0.842182	0.888041	-1.12555	0.842182	0.888041	-1.12555	0.842182

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg19597450	GTF2H4	0.833972	0.755742	1.13481	1.13481	0.375493	0.712068	-1.40436	0.660395	0.847832	-1.17408	0.945805	0.974939	-1.02571	0.513771	0.780933	-1.28052	0.666707	0.850641	-1.17558	0.507474	1.28537	0.273949	1.52964	1.52964	0.560371	1.24586	0.507346	1.12004	1.96235	1
cg23937476	MCC,MCC	0.833976	0.897123	1.11892	1.11892	0.31286	2.47637	2.47637	0.274796	2.68316	2.68316	0.915149	1.097	0.1757	0.5123	0.608555	-1.64324	0.625581	0.625581	-1.53291	0.806635	0.80814	-1.23741	0.912141	0.908577	-1.10062	0.379995	0.457368	-2.18642	0.53734	0.06281	10.6224	1
cg08905496	RXRG,RXRG,RXRG,RXRG SNHG3-RCC1,SNHG3-RCC1,SNHG3-RCC1,SNHG3-RCC1,SNHG3-	0.834019	0.295468	0.826811	-1.20947	0.862955	0.970169	-1.03075	0.732101	0.941543	-1.06209	0.465439	0.877907	-1.13907	0.988899	0.997564	-1.00244	0.836164	0.964352	-1.03697	0.151353	0.763764	-1.3093	0.619992	1.09158	1.09158	0.922699	1.01716	1.01716	0.507278	0.246869	0.432582	1
cg16691863	RCC1,RCC1,RCC1;RCC1	0.834041	0.795956	0.835355	-1.1971	0.338211	1.69004	1.69004	0.557803	1.30035	1.30035	0.323713	1.71902	1.71902	0.672639	1.24827	1.24827	0.278988	0.549752	-1.819	0.966958	0.978223	-1.02226	0.700548	1.22802	1.22802	0.918276	1.05607	1.05607	0.507246	2.2697	3.97739	1
cg25951811	AK7	0.834042	0.801578	1.05226	1.05226	0.270336	1.26137	1.26137	0.573119	1.2208	1.2208	0.671834	1.00003	1.00003	0.402625	0.840576	-1.18966	0.406388	0.842052	-1.18757	0.864825	0.966117	-1.03507	0.580271	1.11963	1.11963	0.660345	0.914423	-1.09359	0.507244	0.328802	0.57619	1
cg07903918	GABBR2	0.834047	0.33002	0.715623	-1.39738	0.546226	0.816051	-1.22541	0.32494	0.712936	-1.40265	0.495327	0.794159	-1.25919	0.287388	0.692323	-1.44441	0.3809	0.741429	-1.34875	0.312889	0.706471	-1.41549	0.864894	1.05832	1.05832	0.940543	0.975475	-1.02514	0.507236	0.890156	1.55992	1
cg17751591	CCDC57	0.834056	0.341588	0.577661	-1.91727	0.897291	1.09107	1.09107	0.840268	0.872676	-1.1459	0.518455	0.642885	-1.55549	0.138415	0.407271	-2.45452	0.937254	1.05457	1.05457	0.596311	1.43445	1.43445	0.947881	0.950842	-1.0451	0.997383	1.00222	1.00222	0.507234	3.65868	6.41168	1
cg27041875	SYCE2	0.834063	0.629147	0.697863	-1.43295	0.802351	1.20371	1.20371	0.388191	1.92282	1.92282	0.507799	1.53246	1.53246	0.197693	0.365473	2.73618	0.488256	0.594238	-1.68283	0.805185	0.833033	-1.20043	0.920079	1.07701	1.07701	0.72716	0.771866	-1.29556	0.507213	4.39002	7.69349	1
cg19048548	TEKT3	0.834098	0.227886	0.348676	-2.86799	0.679768	0.707856	-1.41272	0.639999	0.675629	-1.4801	0.34562	0.445508	-2.24463	0.182738	0.308211	-3.24453	0.8428	1.17972	1.17972	0.517816	0.579385	-1.72597	0.830629	0.836687	-1.19519	0.737697	0.755941	-1.32285	0.507162	5.56577	9.75497	1
cg05846136	CCDC42B;DDX54;DDX54	0.83412	0.75393	0.894826	-1.11758	0.426202	0.798849	-1.25118	0.744806	1.12233	-1.12233	0.318737	1.43925	-1.43925	0.38125	1.37347	-1.37347	0.952818	1.02113	1.02113	0.419914	1.33802	-1.33802	0.579041	0.837727	-1.2229	0.515692	0.794043	-1.25938	0.507213	1.00286	1.7578	1
cg01199408	MRVI1;MRVI1;MRVI1;MRVI1	0.834136	0.55231	0.671939	-1.48823	0.863164	0.892238	-1.12078	0.756105	0.813882	-1.22868	0.472382	1.62115	1.62115	0.19631	1.03104	1.03104	0.388554	1.79339	1.79339	0.369886	1.83799	1.83799	0.253978	0.219765	0.533727	1.51682	0.507106	3.50896	6.15073	1
cg00004097	PER2	0.834146	0.53367	1.18284	1.18284	0.649185	1.17478	1.17478	0.308013	1.32454	1.32454	?	?	?	?	0.840187	0.950556	-1.05202	0.7165	0.907426	1.10202	1.36168	1.36185	0.956187	1.02156	1.02156	0.354226	1.28902	1.28902	0.488059	0.48851	0.998878	1
cg05364072	MAP7D1	0.834147	0.901748	1.0733	1.0733	0.391414	1.65359	1.65359	0.299287	1.85179	1.85179	0.547059	1.41769	1.41769	0.336505	1.7064	-1.7064	0.78259	0.853478	-1.17168	0.247644	1.9983	1.9983	0.784839	1.1697	1.1697	0.38135	1.67241	1.67241	0.507091	2.63465	4.61834	1
cg01790346	SAMD12;SAMD12	0.83418	0.999777	1.00006	1.00006	0.550956	1.1294	1.1294	0.54891	1.1302	1.1302	0.399812	0.840434	-1.18986	0.645865	0.884302	-1.13084	0.687379	0.921649	-1.08501	0.979859	0.994921	-1.0051	0.236306	1.28439	1.28439	0.540895	1.13298	1.13298	0.507043	0.326667	0.572676	1
cg12141520	ELFN1	0.834159	0.263754	0.99189	-1.01008	0.937852	1.10255	1.10255	0.10237	0.63186	1.33046	1.33046	0.497493	1.50293	1.50293	0.722452	0.809824	-1.23485	0.273362	1.1626	1.1626	0.435231	1.60142	1.60142	0.387984	1.92038	1.92038	0.690991	1.2666	1.2666	0.507028	2.80057	4.92555	1
cg12897901	ST3GAL4	0.834205	0.284975	1.8318	1.8318	0.993885	1.00419	1.00419	0.603113	1.33095	1.33095	0.242082	1.94895	1.94895	0.357403	1.67507	1.67507	0.505311	1.44543	1.44543	0.850353	1.10843	1.10843	0.523906	0.70326	-1.42195	0.784656	1.16101	1.16101	0.507006	2.38526	4.18186	1
cg08115476	MEGF6	0.834222	0.760559	1.15069	1.15069	0.19333	1.88154	1.88154	0.953217	1.02751	1.02751	0.380651	0.666746	-1.49982	0.721999	0.8497	-1.17827	0.445228	1.42954	1.42954	0.850305	1.09054	1.09054	0.444048	1.42987	1.42987	0.970672	1.01703	1.01703	0.506098	1.69316	2.86862	1
cg09278885	C1orf86;LOC101128003;C1orf86	0.834233	0.948354	0.938336	-1.01643	0.937782	1.12671	1.12671	0.545307	1.16648	1.16648	0.809236	1.06273	1.06273	0.52393	1.14774	1.14774	0.315033	1.2987	1.2987	0.870851	0.959894	-1.04178	0.727898	0.915879	-1.09185	0.507552	1.19408	1.19408	0.506966	0.508162	0.890986	1
cg25453430	SETD4;SETD4	0.834234	0.545555	1.29495	1.29495	0.293012	1.58553	1.58553	0.680399	0.839449	-1.19126	0.46885	1.36532	1.36532	0.420069	1.41633	1.41633	0.747545	1.14621	1.14621	0.33485	0.656894	-1.52232	0.699736	1.17792	1.17792	0.715892	1.16701	1.16701	0.506963	1.43344	2.51333	1
cg12610013	FGF14	0.834246	0.597342	0.88894	-1.1251	0.728101	1.05695	1.05695	0.302005	1.92589	1.92589	0.260385	1.11246	1.11246	0.914299	0.908313	1.10076	0.643647	0.751615	-1.33047	0.540514	0.924282	-1.08158	0.693549	0.78478	-1.27473	0.549476	1.04947	1.04947	0.31621	0.53885	0.28868	1
cg12643449	FRD1	0.834272	0.295455	1.2502	1.2502	0.765629	1.06346	1.06346	0.492726	0.866418	-1.15438	0.533846	0.873852	-1.13847	0.894396	1.02771	1.02771	0.670987	1.09193	1.09193	0.881951	1.00467	1.00467	0.368964	0.827032	-1.20914	0.404397	0.838958	-1.19195	0.506908	0.340082	0.596351	1
cg17407529	PAM;PAM;PAM;PAM	0.834282	0.481632	1.14858	1.14858	0.548162	1.18377	1.18377	0.954225	0.973858	-1.02663	0.263861	1.41573	1.41573	0.213714	1.3651	1.3651	0.274459	1.48929	1.48929	0.242929	0.630348	-1.58609	0.401891	0.64781	-1.54355	0.334104	0.740185	-1.35046	0.507135	1.33417	2.58351	1
cg03885925	C10orf46	0.834326	0.62481	1.13621	1.13622	0.67678	1.11474	1.11474	0.848651	0.951701	-1.05075	0.47884	1.20507	1.20507	0.30571	1.31625	1.31625	0.346977	1.28521	1.28521	0.334455	0.772658	-1.29423	0.760609	0.923875	-1.0824	0.807093	1.06544	1.06544	0.506829	0.538883	0.945107	1
cg06145175	MAP1LC3B,FBXO31	0.834328	0.413471	2.2641	2.2641	0.457427	0.477494	-2.09427	0.649922	1.56137	1.56137	?	?	?	?	0.578975	0.578772	-1.7278	0.560206	1.77675	1.77675	0.806597	1.26099	1.26099	?	?	?	?	0.113298	0.153712	0.540843	0.476247	11.4431	1
cg02135394	CDC16;CDC16 HTATIP2;HTATIP2;HTATIP2;HTATIP2;HT	0.834332	0.307844	2.06324	2.06324	0.985395	0.987518	-1.01264	0.816893	0.852874	-1.17251	0.658378	1.35707	1.35707	0.437735	0.560535	-1.76511	0.381117	0.936884	-1.85226	0.308116	0.464885	-2.16244	0.875948	1.05042	1.05042	0.50682	3.77916	6.62811	1
cg26681211	ATIP2;HTATIP2	0.834333	0.22848	0.685583	-1.45861	0.560867	1.19199	1.19199	0.32694	1.35289	1.35289	0.455687	0.796992	-1.25472	0.934004	1.02504	1.02504	0.910766	1.03405	1.03405	0.579663	0.846124	-1.18186	0.853001	0.94611	-1.05696	0.975524	0.990879	-1.0092	0.506819	0.715959	1.25569	1
cg03716822	PPAPDC1B;PPAPDC1B;PPAPDC1B	0.834333	0.478023	0.902767	-1.10771	0.678553	0.958892	-1.04287	0.210576	1.20572	1.20572	0.850978	0.973682	-1.02703	0.598073	0.927336	-1.07836	0.691262	1.05824	1.05824	0.386249	0.881648	-1.13424	0.598141	0.927349	-1.07834	0.707923	0.94803	-1.05482	0.506819	0.161414	0.283098	1
cg07382899	APLN	0.834334	0.408141	0.447597	-2.23415	0.289842	0.952118	-2.83996	0.546189	0.559748	-1.78652	0.344551	2.52191	2.52191	0.954249	0.946947	-1.05602	0.402219	0.442844	-2.25813	0.947213	0.93903	-1.06493	0.907104	1.1173	1.1173	0.745237	1.36311	1.36311	0.506817	7.24598	12.7085	1
cg16954525	MS4A4A;MS4A4A	0.834338	0.90127	1.07888	1.07888	-1.4516	0.723254	1.33	1.97233	0.249261	1.80215	0.97855	0.51923	-1.92623	0.961059	1.00777	1.00777	0.223325	0.706752	0.961059	1.41509	0.525191	1.90317	1.90317	0.590778	1.91013	1.91013	0.550079	0.353823	-2.82627	0.506782	29.2909	51.3759	1
cg06637001	OBSCN;OBSCN	0.834362	0.924022	1.13634	1.13634	0.412648	0.32553	-3.07191	0.657294	0.540759	-1.81898	0.61799	0.550482	-1.81659	0.431767	0.341267	-2.93025	0.793316	1.42167	1.42167	0.341123	0.11995	-8.33683	0.679302	0.73932	1.74635	0.937977	0.900979	-1.1099	0.506777	14.4098	25.2749	1
cg07726465	KCNG4	0.834437	0.329801	1.52853	1.52853	0.748562	0.624074	1.83773	1.60273	0.606833	-1.64831	0.219955	1.42852	1.42852	0.57184	0.594927	1.77375	0.323225	1.75367	1.75367	0.143123	0.179776	5.56098	0.774555	0.73972	1.35148	0.89834	1.08934	1.08934	0.883864	0.633578	0.187304	0.506374	0.33007	5.32941	1
cg12782834	PIGX;PIGX;C3orf34;PIGX;PIGX	0.834373	0.153066	1.66628	1.66628	0.912632	1.03822	1.03822	0.661978	1.16238	1.16238	0.919746	1.03504	1.03504	0.801559	1.0899	1.0899	0.403216	0.745767	-1.3409	0.597495	1.20002	1.20002	0.91575	0.964483	-1.03682	0.507215	1.26233	1.26233	0.502015	0.908898	1.40817	1
cg11476211	PRKCE	0.834379	0.517696	0.87318	-1.14524	0.443555	1.1751	1.1753	0.32914	1.22506	1.22506	0.624174	1.1075	1.1075	0.737672	1.07198	1.07198	0.910344	0.976978	-1.02156	0.385562	0.831988	-1.20194	0.907503	0.976253	-1.02432	0.447563	0.852096	-1.17358	0.506751	0.343146	0.601911	1
cg09674998	ARHGEF10L	0.834402	0.481632	1.14858	1.14858	0.548162	1.18377	1.18377	0.954225	0.973858	-1.02663	0.263861	1.41573	1.41573	0.213714	1.3651	1.3651	0.274459	1.48929	1.48929	0.242929	0.630348	-1.58609	0.401891	0.64781	-1.54355	0.334104	0.740185	-1.35046	0.507135	1.33417	2.58351	1
cg08196138	RASA3	0.834421	0.598499	0.667941	-1.49714	0.881444	0.347676	-2.87624	0.517449	0.607495	-1.6461	0.699671	0.744081	-1.34232	0.312877	0.452573	-2.20959	0.397351	0.517789	-1.93129	0.431198	0.543261	-1.84073	0.424859	0.53851	-1.85697	0.795832	1.21766	1.21766	0.50669	4.6288	8.12032	1
cg14000412	STK11	0.834439	0.939356	0.970527	1.03049	0.222825	0.82337	1.37937	0.741388	0.885121	-1.15591	0.675675	0.885158	-1.12946	0.604339	0.844808	-1.18366	0.360104	0.609161	-1.64084	0.38615	0.441741	-2.26447	0.758161	0.75838	-1.31907	0.378116	0.701142	-1.42624	0.506657	2.3094	3.9705	1
cg03891840	KCNIP3	0.83445	0.24803	0.675801	-1.47973	0.931822	0.752257	-1.32933	0.536087	0.816024	-1.22545	0.422856	0.766716	-1.30426	0.285746	0.697849	-1.43297	0.569495	0.828831	-1.20506	0.470378	0.728775	-1.26907	0.931649	1.02823	1.02823	0.714193	1.12677	1.12677	0.506548	0.844869	1.48228	1
cg19153763	HOXA7	0.834468	0.291354	2.70863	2.70863	0.417429	2.12583	2.12583	0.954729	1.05302	1.05302	0.417766	0.470671	-2.12463	0.573978	0.556322	-1.67695	0.627245	0.640595	-1.56105	0.790932	0.785211	-1.27354	0.456799	1.99309	1.99309	0.727567	1.37477	1.37477	0.506621	6.64562	11.66	1
cg12082190	ARR3	0.834473	0.602103	0.798692	-1.25205	0.674303	0.797197	-1.25439	0.518052	0.637272	-1.57017	0.741388	0.885121	-1.12946	0.604339	0.844808	-1.18366	0.360104	0.609161	-1.64084	0.38615	0.441741	-2.26447	0.758161	0.75838	-1.31907	0.378116	0.701142	-1.42624	0.506657	2.3094	3.9705	1
cg03830431	RHPN1	0.834509	0.680196	0.8481	-1.24253	0.382177	1.59927	1.59927	0.958539	1.02761	1.02761	0.458697	1.51258	1.51258	0.914745	0.983164	-1.01712	0.741271	1.18957	1.18957	0.133885	2.33255	2.33255	0.907503	0.976253	-1.02432	0.447563	0.852096	-1.17358	0.506751	0.343146	0.601911	1
cg19596200	RAB10	0.834509	0.553908	1.08505	1.08505	0.599162	0.68768	-1.45116	0.324956	0.477125	-2.09577	0.354125	1.14042	1.14042	0.669554	0.893544	-1.11914	0.508719	1.19214	1.19214	0.192314	0.708753	-1.41092	0.611949	0.64528	-1.54955	0.327051	1.18284	1.18284	0.507655	0.917869	1.6025	1
cg15391271	ZNF692;ZNF692	0.834546	0.525983	0.823974	-1.21363	0.857899	-1.05549	0.55196	1.17744	1.17744	0.682911	1.13174	1.13174	0.526107	1.21356	1.21356	0.169695	0.155385	6.45385	0.646311	0.870035	-1.14938	0.620024	0.860192	-1.16253	0.689951	1.12842	1.12842	0.506507	0.7283	1.37812	1
cg25205152	AKAP9L	0.834548	0.385348	0.59256	1.31256	0.434753	2.7913	2.7913	0.88623	0.831459	-1.20269	0.875125	1.2219	1.2219	0.863494	0.801083	-1.24831	0.943379	1.00755	1.00755	0.919634	0.94404	1.06048	0.931538	0.91538	1.09377	0.709882	0.570882	1.75082	0.506493	13.2356	23.3862	1
cg24470080	DPCML	0.834561	0.403459	1.7428	1.7428	0.860896	1.33437	1.33437	0.817885	1.18563	1.18563	0.852782	1.17852	1.17852	0.868063	1.17715	1.17715	0.251649	2.23273	2.23273	0.292414	0.20048	-4.98934	0.320524	0.99054	1.00954	0.156854	0.169357	0.506857	0.506885	3.60827	6.33258	1
cg08164900	PI2D2B	0.834596	0.946089	1.10998	1.10998	0.159436	10.7007	10.7007	0.266388	0.16198	0.16198	0.773597	1.56871	1.56871	0.852935	1.33591	1.33591	0.926735	0.866306	-1.15433	?	?	?	0.715631	1.77053	1.77053	0.588348	2.34882	2.34882	0.484215	16.2481	29.3611	1
cg00916439	BAT1;SNORD84;BAT1	0.834603	0.284371	0.402312	-2.48334	0.781083	1.42	1.42	0.43437	1.40437	1.40437	0.397602	2.03224	2.03224	0.566116	1.66113	1.66113	0.469327	0.547202	1.82748	0.496547	0.996464	-1.00355	0.997202	0.74778	-1.34178	0.448205	0.531094	-1.88291	0.506473	0.143669	0.25403	1
cg23903483	CALCOC01;CALCOC01;CALCOC01	0.834606	0.399272	0.742689	-1.34646	0.988416	1.00502	1.00502	0.191228	1.61127	1.61127	0.734866	0.889427	-1.12432	0.880078	0.949287	-1.05342	0.625816	0.844165	-1.1846	0.492265	1.27179	0.804023	1.08949	1.08949	0.609282	0.837193	-1.19447	0.506419	0.953132	1.67298	3
cg03180744	AP4A2;AP4A2 RIMS1;RIMS1;RIMS1;RIMS1;RIMS1;RIM	0.83462	0.965515	0.967005	-1.03412	0.173312	0.322919	-3.09675	0.644666	1.43391	1.43391	0.648473	1.4279	1.4279	0.717254	0.754096	-1.32609	0.621712	0.679776	-1.47107	0.841021	0.855675	-1.16867	0.836354	0.851702	-1.17412	0.359823	0.27643	0.27643	0.506399	4.83051	8.47906	1
cg01534434	S1	0.834626	0.684095	0.846437	-1.18142	0.123366	0.506503	-1.97432	0.837726	0.91982	-1.08717	0.960296	1.0205	1.0205	0.955568	1.02297	1.02297	0.535556	0.774375	-1.29136	0.494385	1.32677	1.32677	0.569289	0.791036	-1.26417	0.907019	1.04877	1.04877	0.506391	1.33212	2.33834	1
cg07957953	GGT7	0.834639	0.759867	1.13634	1.13634	0.412648	0.32553	-3.07191	0.657294	0.540759	-1.81898	0.61799	0.550482	-1.81659	0.431767	0.341267	-2.93025	0.793316	1.42167	1.42167	0.341123	0.11995	-8.33683	0.679302	0.73932	1.74635	0.937977	0.900979	-1.1099	0.506777	14.4098	25.2749	1
cg21150901	MRM1	0.834643	0.537986	0.651949	-1.53386	0.411554	1.77894	1.77894	0.145028	2.92614	2.92614	0.907799	1.08273	1.08273	0.823493	0.857906	-1.16563	0.765376	0.811587	-1.23215	0.544422	1.52329	1.52329	0.809675	1.18002	1.18002	0.978531	1.01863	1.01863	0.506365	3.77431	6.62554	1
cg00349776	RXRG;RXRG;RXRG;RXRG	0.834658	0.826824	1.05746	1.05746	0.284373	0.753493	1.32715	0.665747	1.1168	1.1168	0.975486	1.00784	1.00784	0.78296	1.07269	1.07269	0.939062	1.06196	1.06196	0.710958	0.93198	0.84147	0.84147	1.18839	0.218669	1.38933	1.38933	0.506351	0.518027	0.909386	1
cg25192948	KHDRBS1;KHDRBS1	0.834667	0.7163	0.931696	-1.07331	0.275127	0.802438	-1.2462	0.723903	0.935356	-1.07117	0.712686	1.07433	1.07433	0.21611	0.776927	-1.28704	0.712501	0.930764	-1.07439	0.641631	0.913141	-1.09512	0.807521	1.04845	1.04845	0.293863	0.811423	-1.2324	0.506333	0.301349	0.529033	1
cg18485627	MIR665;MIR337	0.834667	0.928462	0.966881	-1.03425	0.584824	1.22989	1.22989	0.671341	1.1736	1.1736	0.330458	1.45739	1.45739	0.315172	1.4763	1.4763	0.715922	1.14692	1.14692	0.382071	1.39965	1.39965	0.443776	0.74614	-1.34023	0.649665	0.8423	-1.18723	0.50633	1.13886	1.98037	1
cg06005551	XIRP1	0.834672	0.886474	1.09744	1.09744	0.637471	1.34594	1.34594	0.707065	0.823196	1.21478	-1.21478	1.244371	1.244371	0.661754	1.51123	1.51123	0.924101	1.08213	1.08213	0.52518	1.24396	1.24396	0.829445	0.876318	-1.1414	0.525318	1.24396	1.24396	0.506322	0.921831	1.61835	1
cg00154333	ARHGAP21	0.834686	0.883408	0.91607	-1.09162	0.631077	0.748981	-1.33515	0.87068	1.10222	1.10222	0.354944	1.76559	1.76559	0.50878	0.530822	-1.88387	0.551847	1.43275	1.43275	0.663205	0.770975	-1.29705	0.899887	0.92757	-1.07809	0.335862	0.8091	1.8091	0.506303	2.86168	5.0241	1
cg19314945	HPCAL4;HPCAL4	0.834691	0.308994	2.39248	2.39248	0.911795	1.06627	1.06627	0.562778	1.22976	1.22976	0.458479	1.83727	1.83727	0.488222	1.74577	1.74577	0.231809	2.69749	2.69749	?	?	?	1.1998	1.1998	0.878225	1.39164	1.39164	0.488474	0.506455	1.39164	8.43455	1
cg21046576	ERICH1	0.834692	0.839343	1.08269	1.08269	0.695915	1.16617	1.16617	0.711069	0.864487	-1.15675	0.473784	1.32994	1.32994	0.651732	1.19462	1.19462	0.788045	1.11123	1.11123	0.136914	1.87212	1.87212	0.394719	1.40658	1.40658	0.384968	1.41709	1.41709	0.506294	1.22823	2.15637	1
cg23240857	ELF2;ELF2	0.834692	0.742416	1.09589	1.09589	0.160008	1.50701	1.50701	0.93478	0.977532	-1.02298	0.954796	0.984384	-1.01586	0.668859	1.12689	1.12689	0.54451	0.843414	-1.18566	0.704774	1.11147	1.11147	0.289476	1.357	1.357	0.56719	1.1742	1.1742	0.506293	0.618143	1.08526	1
cg20688644	RAPGEF1,1	0.834697	0.421948	0.737409	-1.35617	0.329816	0.163643	-6.1334	0.45128	0.880308	-1.13714	0.491181	0.375083	-2.66617	0.263246	0.197556	-5.06182	0.600141	2.02713	2.02713	0.467827	0.494256	-2.02248	0.553703	-1.80602	0.820869	0.726455	-1.37655	0.506286	15.9217	27.9537	1
cg24138419	HDHD2	0.834697	0.559015	0.553205	-1.80765	0.438417	2.20757	2.20757	0.56241	1.79824	1.79824	0.717898	1.44836	1.44836	0.324179	0.360536	-2.77365	0.623075	0.607866	-1.6451	0.435996	0.451014	-2.21722	0.594134	1.71407	1.71407	0.604766	0.592667	-1.68729	0.506286	8.04951	14.1326	1
cg15255584	KAL1	0.834705	0.821326	1.1249	1.1249	0.243457	0.40899	-2.4439	0.630853	1.1451	1.1451	0.561886	0.965082	-1.03597	0.962092	0.992403	-1.00761	0.234095	0.562292	-1.77884	0.204723	0.54221	-1.84409	0.392793	-1.45872	0.624328	0.889102	1.15364	1.15364	0.506306	0.40104	0.647941	1
cg26038514	ASAP1	0.834731	0.567486	0.525039	-1.90462	0.802482	1.32236	1.32236	0.492793	0.459985	-2.17398	0.600211	0.554574	-1.80319	0.550072	0.509596	-1.96234	0.340018	0.992696	1.00887	0.252799	-3.95572	0.758358	0.41059	1.41059	0.889983	0.870109	1.16468	1.16468	0.506287	0.96481	1.74497	1
cg05533552	CAPRIN1;CAPRIN1	0.834735	0.295753	0.852843	-1.17255	0.461671	0.895841	-1.11627	0.969782	0.994454	-1.00558	0.809554	1.

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	Fold-Change(2T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg20940095	CPLX3		0.8355663		0.6509951		0.728814		1.37587		0.7736848		0.817079		-1.22387		0.6667951		1.35187		0.657745		1.36665		1.366602		0.6022955		1.660212		0.2728854		0.449553		-2.22443		0.477187		0.598892		-1.66975		0.3150545		0.4828565		-2.07054		0.63189		1.40234		0.504872		3.92434		0.90929	
cg04245741	RNF213		0.8357706		0.7691391		1.15384		0.990504		2.40904		2.409804		0.9958883		1.002051		1.588909		1.303791		1.307256		1.051282		1.05182		1.05182		0.58428		1.30819		1.308919		0.499619		1.395541		1.395541		0.8638554		0.919942		-1.08702		0.787396		0.87684		-1.14046		0.50481		1.890011		3.32801	
cg20496643	RASL10B		0.8357099		0.5587054		1.16416		1.16416		0.6970997		1.105777		1.105777		0.8677445		1.04377		1.04377		0.555387		1.165569		1.165569		1.36315		1.27154		1.27154		1.110088		1.110088		0.7228729		1.343141		1.343141		0.3684444		0.788639		-1.26801		0.932576		0.9784854		-1.02199		0.4326119		1.228556		1.228556		0.5048406		0.5282112		0.9301054	
cg10851774	LZTS1		0.8357575		0.5660004		1.3016		1.3016		1.306631		1.306631		1.306631		0.5081357		1.35903		1.35903		1.307674		1.616376		1.619532		1.11008		1.11008		1.110088		1.110088		0.2899624		1.651917		1.651917		0.5599099		1.277		1.277		0.4215645		1.455317		1.455317		0.9887874		0.9930203		-1.00705		0.5047797		1.669918		2.939944	
cg06494077	UNC5A		0.8357721		0.3804571		1.19693		1.19693		0.679582		1.038653		1.038653		0.88388		1.188388		0.891748		0.973159		-1.027358		0.8314852		1.041653		1.04163		1.04163		1.041653		1.041653		0.5880088		0.894346		-1.11814		0.3432256		0.8224405		-1.21595		0.6418807		0.9106644		-1.0981		0.6447085		0.8550099		-1.16545		0.5047785		0.3191917		0.5620821	
cg17750186	MAEA;MAEA		0.8357763		0.7179906		-1.39294		0.23783		1.65464		1.65464		1.65464		0.5371449		0.775309		-1.28981		0.7110065		0.8603943		-1.162313		0.6030324		0.8076507		-1.23823		0.7833186		0.8938815		-1.1188		0.43824		1.3709		1.3709		0.953012		0.97287		-1.02429		0.649934		0.8209221		-1.20493		0.504728		1.32585		2.33498	
cg09671309	TMEM120B		0.8357762		0.5013637		0.622784		-1.60569		0.8455559		1.14577		1.14577		0.1887382		0.378471		-2.64221		0.997826		0.9981014		-1.0019		0.654215		0.7300093		-1.36969		0.8224445		0.8548544		-1.16979		0.3046419		0.4762595		-2.0997		0.509583		1.59486		1.59486		0.641006		0.7205598		-1.38774		0.504727		3.89184		6.85404	
cg05757665	SLITRK5		0.8357764		0.4979861		1.50775		1.507525		0.3086518		1.825327		1.825327		0.6864554		1.836511		1.836511		0.554794		1.406553		1.406553		1.24162		1.24162		1.241619		1.241619		0.5264845		1.442455		1.442455		0.3139284		0.5708		1.6271		1.6271		0.7756838		1.17636		1.17636		0.5047235		2.6066		4.59058	
cg13462829	LOC145814;LOC145814		0.8357779		0.632026		0.8381179		-1.19306		0.4007734		0.729573		-1.37048		0.1914287		0.291457		-3.43167		0.2881581		0.2881581		0.1145254		0.1145254		0.6598256		0.8675567		0.8581398		-1.16525		0.6894		0.8611		0.8611		0.7243251		0.7243251

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Ratio(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Ratio(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Ratio(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Ratio(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1221 vs. N)	Ratio(1221 vs. N)	Fold-Change(1 vs.1221)	p-value(5477 vs. N)	Ratio(5477 vs. N)	Fold-Change(1 vs.5477)	p-value(5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5337 vs. N)	Ratio(5337 vs. N)	Fold-Change(1 vs.5337)	p-value(5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(1 vs.5637)	F(Error
cg18123344	NCKAP5;NCKAP5	0.837079	0.174723	0.490671	-2.03801	0.619328	0.779223	-1.28333	0.930115	0.76474	-1.30763	0.945599	0.966903	-1.03423	0.234083	0.540507	-1.85021	0.701745	1.20899	2.02899	0.462095	0.691557	-1.44601	0.869385	0.921804	-1.08483	0.765436	0.862799	-1.15902	0.502797	1.93719	3.42473	1
cg21663668	ANTXR1;ANTXR1	0.837121	0.297292	0.79917	-1.2513	0.913247	1.02287	1.02287	0.851386	1.03968	1.03968	0.478897	0.861266	-1.16108	0.797861	0.948144	-1.05469	0.703394	0.923701	-1.0826	0.221629	1.30543	1.30543	0.895383	1.04295	1.04295	0.663471	1.09509	1.09509	0.502735	0.342736	0.605994	1
cg27026926	MRPL15	0.83714	0.970339	1.00835	1.00835	0.305962	0.789047	-1.26735	0.698274	0.916609	-1.09098	0.402739	1.21096	1.21096	0.413847	0.829672	-1.2053	0.819094	1.05254	1.05254	0.65625	0.904715	-1.10532	0.328083	0.798	-1.25313	0.510446	0.861378	-1.16093	0.502708	0.397806	0.703401	1
cg08951607	RBL1;RBL1	0.83714	0.824587	0.955577	-1.04649	0.746427	1.06865	1.06865	0.823248	0.955239	-1.04686	0.755611	1.06599	1.06599	0.258922	0.785707	-1.27264	0.204445	0.760253	-1.31535	0.188656	0.971205	-1.02965	0.548091	1.13248	1.13248	0.608442	0.899635	1.11156	0.502707	0.333584	0.538944	1
cg12003483	ETV4;ETV4 PPIL3;NIF3L1;NIF3L1-PPIL3;PPIL3;PPIL3)	0.837156	0.524066	0.869207	-1.15047	0.430709	1.19079	1.19079	0.879976	0.967727	-1.03335	0.595388	1.1234	1.1234	0.136016	1.41733	1.41733	0.618788	1.11505	1.11505	0.913591	0.97671	-1.02385	0.826147	1.04892	1.04892	0.942904	1.01567	1.01567	0.502683	0.375266	0.663579	1
cg12465398	NIF3L1 CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CAC	0.837157	0.308468	0.705179	-1.41808	0.533878	0.81157	-1.23218	0.504818	1.2514	1.2514	0.550429	0.818568	-1.22165	0.417656	0.759978	-1.31583	0.556052	1.21813	1.21813	0.756544	0.90208	-1.10855	0.569779	0.826668	-1.20967	0.591894	1.19641	1.19641	0.502682	0.874242	1.54592	1
cg16766889	NA1G;CACNA1G;CACNA1G;CACNA1G	0.837159	0.873696	1.13387	1.13387	0.855959	0.866316	-1.15431	0.639636	1.45177	1.45177	0.173863	0.315554	-3.16903	?	?	?																		
cg14918391	CAPN5	0.837163	0.721586	1.25514	1.25514	0.955055	1.03644	1.03644	0.629074	0.734086	-1.36224	0.902185	1.03964	1.03964	0.476048	0.631116	-1.58449	0.257935	2.1565	2.1565	0.995987	0.996811	-1.0032	52	0.660871	-1.51336	0.893573	1.08873	1.08873	0.502673	3.2114	5.67879	1
cg06543873	CDC37	0.837169	0.616356	0.910104	-1.09874	0.574101	1.1117	1.1117	0.762859	1.05805	1.05805	0.798443	1.04887	1.04887	0.942381	1.01917	1.01917	0.15776	1.31252	1.31252	0.915899	1.01989	1.01989	0.353817	1.24757	1.24757	0.89944	0.976201	1.02385	0.502664	0.276823	0.489952	1
cg22032366	HMGN3;HMGN3	0.837175	0.980539	0.992573	-1.00748	0.142397	2.45134	2.45134	0.249196	1.98341	1.98341	0.824328	1.13475	1.13475	0.831716	0.886034	-1.12862	0.722029	1.22521	1.22521	0.822629	1.13617	1.13617	0.44334	1.55955	1.55955	0.720537	1.22661	1.22661	0.502656	2.57384	4.55155	1
cg24859226	SGCD;SGCD;SGCD	0.837181	0.682995	0.779607	-1.2827	0.779436	0.843466	-1.18558	0.542261	1.45359	1.45359	0.561877	1.42706	1.42706	0.559332	0.690884	-1.43404	0.532475	0.681557	-1.46723	0.108234	0.429381	-2.32893	0.553536	0.695307	-1.43821	0.737733	1.22602	1.22602	0.502647	2.92684	5.17587	1
cg02836017	EVIS;LEVIS;LEVIS	0.837201	0.630154	0.752732	-1.32948	0.483621	1.51701	1.51701	0.4078	1.64167	1.64167	0.887447	1.08645	1.08645	0.302416	0.535018	-1.8691	0.974516	0.984172	-1.01888	0.716746	0.8079	-1.23778	0.553755	0.704205	-1.42004	0.409456	1.63867	1.63867	0.502618	2.7285	4.82541	1
cg12056618	KLF13	0.837205	0.449001	0.668033	-1.49693	0.673477	1.24809	1.24809	0.156334	2.20975	2.20975	0.919458	0.948488	-1.05431	0.972236	0.981967	-1.01836	0.841	0.900298	-1.11074	0.887145	0.928439	-1.07708	0.432398	0.65774	-1.52036	0.848077	1.10549	1.10549	0.502612	2.17641	3.84907	1
cg20699780	ABR;ABR;ABR	0.837208	0.732255	1.18236	1.18236	0.605286	0.775455	-1.28957	0.743525	1.17369	1.17369	0.29165	1.69583	1.69583	0.808737	0.88845	-1.12556	0.665143	0.808628	-1.23666	0.780269	0.972333	-1.14635	0.345228	0.55274	-1.8092	0.554808	1.33828	1.33828	0.502607	1.80199	3.34964	1
cg11059561	TTC15	0.837235	0.924233	0.93092	-1.0745	0.822148	0.943408	1.82141	1.82141	0.522028	1.49781	1.49781	0.503686	1.49973	1.49973	0.850807	1.12	0.70654	1.25565	1.25565	0.143602	2.57495	2.57495	0.380557	1.71834	1.71834	0.420106	1.64177	1.64177	0.502568	2.88339	5.09984	1
cg24815873	ZNF560	0.837237	0.351684	0.778355	-1.28476	0.604534	0.872331	-1.14635	0.772655	1.07867	1.07867	0.454473	0.819398	-1.22041	0.225992	0.71721	-1.39429	0.497498	0.835212	-1.1973	0.796938	0.93481	-1.06974	0.246119	0.728251	-1.37315	0.596458	0.869615	-1.14993	0.502566	0.544011	0.962194	1
cg15678052	CLSTN1;CLSTN1	0.837238	0.562449	1.27955	1.27955	0.592804	0.796563	-1.25539	0.310846	0.557786	1.7928	1.7928	0.890711	0.943703	-1.05963	0.638463	1.81717	1.22074	0.82002	1.10081	1.10081	0.797031	1.11475	1.11475	0.647547	1.54341	1.37434	1.37434	0.510028	0.754537	1.32552	0.502564	1.4199	2.50077	1
cg23214760	OGT;OGT;BCYRN1	0.837247	?	?	?	0.90705	1.28797	1.28797	0.945797	1.15871	1.15871	0.176173	22.5499	22.5499	0.923776	1.2304	1.2304	0.534038	0.255505	-3.91381	0.824578	1.61767	1.61767	0.465671	0.200175	-4.99562	0.618821	2.9644	2.9644	0.484474	32.0156	66.0833	1
cg24994433	FASTK;FASTK;FASTK;FASTK	0.83727	0.177152	0.67796	0.67796	0.459329	0.917097	1.09107	0.671826	1.70929	1.70929	0.346546	3.38537	3.38537	0.351239	3.34329	3.34329	0.182593	3.30474	3.30474	0.964409	0.945412	-1.05774	0.963797	0.974776	-1.02588	0.912207	0.871828	-1.14701	0.502517	12.1966	22.2867	1
cg06928924	ISOC1	0.837274	0.752252	1.12387	1.12387	0.537188	1.25912	1.25912	0.823707	1.06199	1.06199	0.55102	1.24913	1.24913	0.446083	1.33164	1.33164	0.653438	1.18135	1.18135	0.535842	0.795586	-1.2601	0.624561	0.838696	-1.19948	0.239423	1.63497	1.63497	0.502651	1.08223	1.93436	1
cg09219280	NFIA;NFIA;NFIA;NFIA	0.837287	0.857726	0.853742	-1.17131	0.254884	0.350802	-2.85061	0.199936	0.303253	-3.29758	0.44175	0.500972	-1.99612	0.33055	0.414831	-2.41062	0.642624	0.662466	-1.50951	0.761367	0.764601	-1.30787	0.964772	1.01969	1.01969	0.432261	0.493492	-2.02668	0.502491	0.617969	1.10317	1
cg05767762	AAK1	0.837293	0.501283	1.24126	1.24126	0.963621	1.06058	1.06058	?	?	?	?	?	?	?	?	?	0.429313	0.335002	-2.85305	?	?	?	0.962808	0.62159	0.62159	0.818177	1.34574	1.34574	0.502652	3.82703	21.4104	1
cg23620255	LPP	0.837304	0.915899	0.983028	-1.01727	0.762755	0.952123	-1.05028	0.409042	0.872116	-1.14664	0.26103	0.826993	-1.2092	0.522552	1.11073	1.11073	0.303299	1.18861	1.18861	0.763464	0.952267	-1.05013	0.969212	0.993765	-1.00627	0.868017	1.02732	1.02732	0.502467	0.208985	0.369706	1
cg20597714	SLC35E2	0.837319	0.766286	1.19027	1.19027	0.588472	0.726475	-1.37651	0.483348	1.5767	1.5767	0.1576	1.5176	?	?	0.779936	1.17785	?	?	?	0.273726	0.512002	-1.95304	0.540584	0.699749	-1.42908	0.843735	1.12053	1.12053	0.458598	1.88691	4.11452	1
cg13964462	METTL11A	0.837332	0.537738	1.13755	1.13755	0.722135	0.70654	-1.07654	0.656984	1.09671	1.09671	0.234367	0.814091	-1.22836	0.762167	1.0647	1.0647	0.424252	1.18359	1.18359	0.651034	1.09861	1.09861	0.919831	0.979167	-1.02128	0.502425	0.339453	0.600559	1
cg00910844	NXN	0.837355	0.399165	0.609708	-1.64013	0.6666	1.28204	1.28204	0.682654	1.26571	1.26571	0.647723	0.768196	-1.30175	0.306619	0.545141	-1.83439	0.24848	0.500812	-1.99676	0.867905	1.10012	1.10012	0.674931	0.785226	-1.27352	0.491818	0.670173	-1.49215	0.502392	2.61449	4.62584	1
cg25879946	ENGASE	0.83736	0.760246	1.7033	1.7033	0.523463	1.42457	1.42457	0.42656	1.78707	1.78707	0.178101	0.606353	1.61121	0.376978	0.731081	-2.00553	0.573826	0.666046	1.50104	0.521425	0.828299	-1.5916	0.77678	0.816055	-1.22541	0.931893	0.940704	1.06301	0.502541	0.484875	0.719063	1
cg24559044	ARHGAP26;ARHGAP26	0.837397	0.99401	0.994599	-1.00543	0.799305	0.832094	-1.20179	0.696326	0.753538	-1.32707	0.166886	2.8957	2.8957	0.927339	0.936312	-1.06802	0.615388	0.693871	-1.44119	0.890598	0.905479	-1.10439	0.40108	1.8591	1.8591	0.525321	0.628533	-1.59101	0.502331	4.1412	7.32797	1
cg00062736	MEF2A;MEF2A;MEF2A;MEF2A	0.837401	0.702852	0.610651	-1.6376	0.094617	0.0940188	-10.6362	0.694083	0.602277	-1.66313	0.876543	0.81868	-1.22148	0.529922	0.43794	-2.28655	0.869488	0.809276	-1.23567	0.565634	0.479625	-2.11138	0.897514	1.18037	1.18037	0.442703	0.36523	-2.738	0.502324	13.1749	23.3137	1
cg11726986	CJT3;CJT3;CJT3;CJT3;CJT3;CJT3	0.837409	0.954932	0.9842	-1.01605	0.848237	0.947445	-1.05547	0.354123	0.764417	-1.30819	0.781724	1.08141	1.08141	0.63958	0.875547	-1.14214	0.324494	1.33205	1.33205	0.249226	1.40405	1.40405	0.994387	1.00198	1.00198	0.749251	0.913598	-1.09457	0.502313	0.631721	1.11789	1
cg03317517	ZNF90;ZNF90	0.837425	0.454926	1.18445	1.18445	0.615203	0.747342	-1.33841	0.477009	0.697552	-1.43358	0.200441	0.512871	1.95023	0.253378	0.233008	-4.29216	0.349344	0.641941	1.55952	0.282665	0.573439	-1.74382	0.814349	0.892457	-1.12432	0.967486	0.9799	-1.02051	0.502293	1.97405	3.49341	1
cg22321327	MTCH2 TMPO;TMPO;TMPO;TMPO;TMPO;TMPO;LOC1	0.837425	0.942251	0.945478	-1.05767	0.589861	0.656307	-1.52368	0.62617	0.68393	-1.46214	0.164512	0.317371	-3.15088	0.500341	0.588961	-1.69791	0.51374	1.66943	1.66943	0.957366	0.959473	-1.04224	0.780671	1.24112	1.24112	0.425613	0.532804	-1.87686	0.502289	4.76404	8.4308	1
cg08538288	00128191;TMPO	0.837431	0.424878	1.21506	1.21506	0.213372	0.731098	-1.36781	0.517528	1.1698	1.1698	0.79732	1.06265	1.06265	0.78235	1.06843	1.06843	0.373378	0.803786	-1.24411	0.961572	1.01158	1.01158	0.870279	1.03984	1.03984	0.942501	1.01739	1.01739	0.502328	0.454497	0.804327	1
cg18591441	CCDC109A	0.837444	0.531785	1.20334	1.20334	0.596842	1.16883	1.16883	0.39369	1.2909	1.2909	0.247248	1.42413	1.42413	0.644365	1.1455	1.1455	0.315493	0.738366	-1.35434	0.906523	0.966253	-1.03493	0.870041	1.04902	1.04902	0.787658	1.0821	1.0821	0.502261	0.679401	1.20239	1
cg19410796	ZNF564	0.837452	0.701717	1.25183	1.25183	0.594521	1.15373	1.15373	0.425504	0.583452	1.71285	1.71285	0.845314	1.18292	0.545113	0.845202	-1.18332	0.481859	0.567695	-1.76151	0.449035	0.550737	-1.78343	0.933911	0.939864	-1.06398	0.340613	2.0912	2.0912	0.502659	0.439149	4.3125	6.74288	1
cg11833811	RRM3	0.837459	0.713593	0.918204	-1.08908	0.728105	1.08414	1.08414	0.991278	1.00053	1.00053	0.919094	0.976755	-1.0238	0.325756	1.26476	1.26476	0.944301	1.00482	1.00482	0.149814	1.43094	1.43094	0.724804	0.921436	-1.08526	0.685719	0.910122	-1.09875	0.50224	0.426247	0.754393	1
cg09108639	TMEM182	0.837467	0.826066	1.08454	1.08454	0.963621	1.06058	1.06058	1.06058	1.07	1.07	0.763	1.08758	1.08758	0.163682	1.22494	1.22494	0.737302	1.25707	1.25707	0.567517	0.888918	-1.12486	0.502086	0.622962	-1.60266	0.657456	0.705451	-1.41753	0.502227	0.705451	-1.41753	0.502227	0.816217	1
cg22884055	GTF2IRD2B	0.837469	0.279211	3.75514	3.75514	0.910442	1.1394	1.1394	0.791984	0.735824	-1.35902	?	?	?	?	0.572416	0.514804	-1.94249	?	?	?	?	?	0.769561	1.40634	1.40634	?	?	?	0.530434	2.06474	2.09674	0.427724	5.78385	13.5224	1
cg14570307	ZNF783	0.837494	0.382041	0.80594	-1.24079	0.661956	1.11168	1.11168	0.376163	1.24429	1.24429	0.887912	0.966631	-1.03452	0.642966	1.11889	1.11889	0.282386	0.965001	-1.03627	0.982895	0.994854	-1.00517	0.864514	0.959734	-1.04196	0.919375	1.39244	1.39244	0.502588	0.46062	0.815312	1
cg08057968	TAP2;TAP2	0.837525	0.671199	1.14264	1.14264	0.712896	0.912362	1.09597	0.912362	0.967237	1.03366	0.98486	0.90535	1.10223	0.582165	1.2168	1.2168	0.774207	1.07035	1.07035	0.731268	0.947581	-1.05511	0.731268	0.731268	-1.36735	0.558018	0.615451	0.836239	1.19583	0.991708	1.75539	1
cg00664874	RNF130	0.837506	0.554685	0.867727	-1.15244	0.243388	1.33619	1.33619	0.713715	1.09143	1.09143	0.93727	1.01886	1.01886	0.808446	0.943963	-1.05936	0.554341	1.15258	1.15258	0.337547	0.790771	-1.26459	0.581765	0.876266	-1.14121	0.717789	1.09	1.09	0.502171	0.448356	0.793632	1
cg10767088	PTPRN2;PTPRN2;PTPRN2	0.837511	0.592879	0.73797	-1.35531	0.534114	1.54573	1.54573	0.40953	0.808157	1.15026	0.910796	1.06699	1.06699	0.136138	1.93807	1.93807	0.529228	0.952504	1.035	1.035	0.431853	0.62868	-1.59054	0.943821	1.04011	1.04011	0.504163	0.662226	0.471253	1
cg25832598	AHCTF1	0.837524	0.183771	0.664373	-1.50518	0.70013	0.893848	-1.11876	0.636896	1.14783	1.14783	0.761058	0.915358	-1.09247	0.451061	0.800383	-1.2494	0.809008	1.07274	1.07274	0.45802	0.803217	-1.24499	0.344779	0.754144	-1.32601	0.602644	0.858728	-1.16451	0.502144	0.668696	1.18372	1
cg10988164	LOC100329109	0.837526	0.167245	0.572134	-1.74694	0.885735	1.23261	1.23261	0.936547	1.11772	1.11772	0.651511	0.51376	-1.94803	0.402365	3.3132	3.3132	0.484095	2.09287	2.70187	0.732872	1.64493	1.64493	0.893035	0.828575	-1.20689	0.843565	0.763465	-1.30982	0.502142	15.5376	27.0457	1
cg07344818	UIA1	0.837541	0.982507	1.0178	1.0178	0.989777	1.00451	1.00451	0.550385	1.22512	1.22512	0.363176	1.36887	1.36887	0.427995	0.761948	-1.31243	0.366686	0.732298	-1.36556	0.116235	0.706011	-1.41641	0.798833	0.997776	-1.00899	0.866399	1.0582	1.0582	0.502117	0.897645	1.58908	1
cg11367404	SH3BP1	0.837548	0.826611	1.14179	1.14179	0.792611	1.17265	1.17265	0.749733	0.824122	-1.21341	0.781328	1.18317	1.18317	0.645546	0.755835	-1.32304	0.521833	1.48052	1.48052	0.131264	0.374509	-2.67016	0.646262	1.32223	1.32223	0.842395	1.12786	1.12786	0.502109	2.90515	5.14301	1
cg12708852	NF1;NF1;NF1	0.837567	0.916221	0.974694	-1.02637	0.81547	1.01167	1.01167	0.28545	1.70552	1.70552	0.306423	0.803146	1.06189	0.102	0.997672	-1.00233	0.594336	0.878706	-1.13818	0.189627	0.721597	-1.38581	0.942729	1.04899	1.04899	0.708861	0.916645	1.09452	0.502107	0.540057	0.816217	1
cg11213308	MPPED2	0.837553	0.591835	1.11244	1.11244	0.313008	0.814274	-1.22809	0.656645	1.09208	1.09208	0.446952	1.16487	1.16487	0.409991	0.847142	-1.18044	0.775631	0.945294	-1.05787	0.436717	0.855382	-1.16907	0.63731	0.910741	-1.09801	0.758672	0.96255	1.04015	0.502101	0.308236	0.545682	1
cg06539804	CPAM1	0.83756	0.340068	0.64005	-1.56281	0.496894	0.428334	1.9944	1.9944	0.420664	1.40148	1.40148	0.864091	0.932125	-1.07282	0.90372	1.05087	0.857192	1.1767	1.1767	0.246994	0.630653	-1.61758	0.940382	1.03122	1.03122	0.9709	1.01508	1.01508	0.502092	1.33851	2.36965	1
cg00871536	ARL6IP6;ARL6IP6;PRPF40A;PRPF40A	0.837565	0.603953	0.88882	1.08882	0.290665	1.19126	1.19126	0.812862	0.967237	1.03366	0.98486	0.90535	1.10223	0.582165	1.2168	1.2168	0.774207	1.07035	1.07035	0.731268	0.947581	-1.05511	0.731268	0.731268	-1.36735	0.558018	0.615451	0.836239	1.19583	0.991708	1.75539	1
cg07046885	PPP2R5B	0.83759	0.974724	0.99064	-1.00945	0.869208	1.05013	1.05013	0.471538	1.24282	1.24282	0.515244	1.21634	1.21634	0.666719	1.13723	1.13723	0.719699	0.898561	-1.11289	0.441505	1.26232	1.26232	0.19565	0.666173	-1.50111	0.734488	1.10632	1.10632	0.502047	0.700512	1.24028	1
cg17928231	C19orf57;CCD21A	0.837605	0.988604	0.990999	-1.00901	0.285789	0.471378	-2.12144	0.544983	0.659933	-1.5153	0.530855	1.53832	1.53832	0.297472	0.680572	-1.46955	0.998	0.727732	0.78898	-1.26759	?	?	?	0.572883	-1.74556	0.888983	0.909594	-1.09999	0.483914	1.13559	0.47966	1
cg14146959	DFNA5;DFNA5;DFNA5	0.837642	0.754137	0.88926	1.08926	0.793121	0.930972	-1.07415	0.754824	0.915293	-1.09255	0.348947	1.30005	1.30005	0.756715	0.918578	-1.08864	0.857636	1.05008	1.05008	0.347494	1.30114	1.30114	0.639293	1.13708	1.13708	0.262285	0.727541	-1.37449	0.501971	0.587749	1.04256	1
cg24756902	BCKDHA;BCKDHA;EXOSC5	0.837652	0.831332	0.90498	-1.10514	0.169963	0.504047	-1.98394	0.953221	1.02185	1.02185	0.955966	0.974452	-1.02622	0.982447	0.10164	1.01016	0.606227	0.780696	-1.28091	0.556308	0.756619	-1.32167	0.944039	1.44156	1.44156	0.492933	1.38593	1.38593	0.501942	1.7832	3.02567	1
cg19160482	AP3B2	0.837691	0.416658	1.17958	1.17958	0.588086	0.896914	-1.11493	0.630504	0.908077	-1.10123	0.651876	0.913605	-1.09457	0.297372	1.23979	1.23979	0.53455	1.882373	-1.13331	0.559316	1.12464	1.12464	0.804547	1.05057	1.05057	0.478604	1.1541	1.1541	0.501899	0.314643	0.557249	1
cg25098077	PDLIM1	0.837692	0.763858	0.894807	-1.11756	0.314207	0.681156	-1.46809	0.460611	0.757964	-1.31932	0.855993	0.935181	-1.06931	0.778648	0.901266	-1.10955	0.244374	0.638088	-1.56718	0.298931	0.672223	-1.4876	0.3779	0.716225	-1.39621	0.31731	0.682943	-1.46425	0.501897	0.108178	1.91589	1
cg23764766	ERC1;ERC1;ERC1;ERC1;ERC1	0.837733	0.550547	1.23652	1.23652	0.749861	1.16424	1.16424	0.310374	1.68448	1.68448	0.909361	0.837726	-1.19371	0.579745	1.30265	1.30265	0.702614	1.1836	1.1836	0.219075	2.15814	2.15814	0.422865	1.28004	1.28004	0.537087	0.548569	1.08914	1.08914	0.502082	2.56976	5.01837	1
cg03825236	RALGAPB	0.837734	0.847409	1.08109	1.08109	0.627675	0.820522	-1.21874	0.936918	1.03256	1.03256	0.555191	1.27321	1.27321	0.17974	1.78015	1.78015	0.441005	1.3744	1.3744	0.275918	1.58206	1.58206	0.597698	1.24054	1.24054	0.669706	1.18966	1.18966	0.501836	1.30201	2.30621	1
cg17868363	ZNF805;ZNF805	0.837745	0.743997	0.82853	-1.13154	0.448628	0.907864	-1.10149	0.514739	1.4841	1.4841	0.743883	1.36505	1.36505	0.115431	0.712382	-1.40403	1.4841	0.743883	1.36505	0.115431	0.712382	-1.40403	0.38325	0.38325	0.38325	-2.61003	0.104225	0.221478	0.648233	0.154645	0.289229	1
cg24406391	ARHGEF2;ARHGEF2;ARHGEF2	0.837749	0.168722	0.56138	-1.78133	0.087336	0.993771	-1.00627	0.919485	0.960976	-1.04061	0.985525	1.00717	1.00717	0.70231	0.859687	1.16321	0.981939	0.991128	-1.00895	0.306141	0.658931	-1.51761	0.774982	0.893295	-1.11945	0.428252	1.37493	1.37493	0.501814	1.23185	2.18204	1
cg25499543	TH8S1	0.837776	0.802793	0.841575	-1.18825	0.287682	0.467241	-2.14022	0.702357	0.76747	-1.30298	0.405004	1.79909	1.79909	0.963392	1.03214	1.03214	0.891523	1.09862	1.09862	0.509444	0.630477	-1.5861	0.435097	0.575579	-1.73136	0.425284	1.75279	1.75279	0.501775	3.77579	6.68878	1
cg22941668	MIR145;LOC728264	0.837786	0.845871	1.0762	1.0762	0.587424	0.923134	-1.08234	0.777538	1.0285	1.0285	0.85132	1.15972	1.15972	0.125854	1.25	1.25	0.512287	0.83618	-1.19602	0.565196	0.918323	-1.08898	0.46491	0.723683	-1.38188	0.501759	0.65933	0.879565	1.13688	0.501759	0.65933	0.879565	1	
cg11189357	SLC45A1	0.837787	0.239609	0.487822	-2.04993	0.831389	0.883124	-1.13234	0.930146	0.950177	-1.05244	0.800697	0.862904	-1.15888	0.279888	0.519546	-1.92476	0.425901	0.622544	-1.60631	0.226342	0.476873	-2.09699	0.91562

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22825202	PDMT2	0.838463	0.612272	1.745715	-1.34099	1.11425	0.984507	-2.60006	0.642803	0.764817	-1.9075	0.672472	1.27648	1.276648	0.55629	0.71062	-1.40722	0.468426	0.654755	-1.52729	0.890032	0.923655	-1.08266	0.835644	1.08612	1.08612	0.818325	1.140442	0.500764	2.61371	4.63951	1
cg14037182	KIAA0495	0.83848	0.499031	0.686272	-1.45715	0.483767	0.676776	-1.47759	0.614332	1.32242	1.322464	0.896488	1.07403	1.074403	0.324574	0.577825	-1.73063	0.493907	0.68309	-1.46394	0.317229	0.567108	-1.76333	0.289889	0.547369	-1.82692	0.939205	0.959017	-1.04273	0.50774	2.38686	4.23704	1
cg00967013	SPATA13;MIR2276;SPATA13	0.838501	0.540525	0.801152	-1.2482	0.422942	0.746115	-1.34028	0.676895	0.86075	-1.16178	0.860537	1.06495	1.06495	0.251386	0.651294	-1.53541	0.454942	0.761602	-1.31302	0.215665	0.627324	-1.59407	0.548698	0.804818	-1.24252	0.394881	0.732124	-1.36589	0.50071	1.01536	1.80253	1
cg22954906	LOC121952	0.838502	0.462605	0.509912	-1.96107	0.829933	0.823871	-1.21378	0.716437	1.38896	1.388956	0.880542	1.14205	1.14205	0.327204	0.402102	-2.48652	0.381948	0.445904	-2.24261	0.199473	0.294934	-3.39059	0.481829	0.525292	-1.90393	0.924369	0.918031	-1.08929	0.507708	0.43942	11.421	1
cg10182244	WDR20	0.838511	0.61181	1.34995	1.34995	0.900315	0.929153	-1.07625	0.669285	1.25791	1.257911	0.440564	0.630539	-1.58595	0.6094	0.739223	-1.35277	0.150876	0.405483	-2.46619	0.801353	1.15931	1.15931	0.81609	0.872314	-1.14638	0.692499	1.26246	1.26246	0.500695	2.72643	4.84027	1
cg15090198	USP48	0.838516	0.959423	1.040868	1.040868	0.346012	1.62804	1.62804	0.335441	1.64679	1.64679	0.443637	1.48029	1.48029	0.313779	0.592622	-1.68742	0.541147	1.13434	1.13434	0.826662	1.11644	1.11644	0.562829	1.34152	1.34152	0.766823	1.16107	1.16107	0.500687	1.99996	3.55061	1
cg12245206	UBE2M;LOC100131691	0.838524	0.396474	0.437799	-2.28415	0.326841	2.6193	2.6193	0.380304	2.35393	2.35393	0.643819	0.642167	-1.55723	0.613209	1.624	1.624	0.957901	1.0515	1.0515	0.924409	0.913679	-1.09448	0.507889	1.89458	1.89458	0.435695	2.1308	2.1308	0.506575	7.17542	12.7391	1
cg24621258	FBXL1	0.83853	0.974885	0.979119	-1.0209	0.326636	2.09037	2.50913	0.336655	2.63538	2.63538	0.8076	1.24812	1.24812	0.340191	0.40945	-2.4423	0.965111	1.04053	1.04053	0.944567	0.949184	1.05325	0.813969	1.2401	1.2401	0.970048	0.966467	-1.0347	0.500666	6.54351	11.6174	1
cg10241288	MAP3K7;MAP3K7;MAP3K7;MAP3K7	0.83854	0.683378	1.13397	1.13397	0.529747	1.21553	1.21553	0.39512	1.30608	1.30608	0.496367	0.886709	-1.12777	0.617421	1.16696	1.16696	?	?	?	0.291475	0.402971	0.807768	-1.23798	0.250734	1.64479	1.64479	0.482556	0.638622	13.2342	1
cg03535829	SLC27A1	0.838551	0.5546	0.912241	-1.0962	0.963796	0.993049	-1.007	0.641388	0.930452	-1.07475	0.979402	0.99604	-1.00398	0.72554	0.947275	-1.05566	0.842462	0.969883	-1.03105	0.161427	1.25837	1.25837	0.948748	0.99017	-1.00993	0.354691	0.863879	-1.15757	0.500636	0.187255	0.332475	1
cg05516821	FETUB	0.838553	0.459061	0.551514	-1.81309	0.76355	0.776171	-1.28771	0.748424	1.33631	1.28917	0.778353	1.29293	1.293293	0.744903	0.773942	-1.29202	0.444133	0.466574	-2.13927	0.495436	0.579038	-1.727	0.504284	0.49244	-2.44234	0.881482	1.018949	1.018949	0.506163	4.90445	8.477191	1
cg03837677	FAM118A;FAM118A	0.838558	0.869331	0.942122	-1.06143	0.219524	0.62654	-1.59607	0.571217	0.81284	-1.23025	0.507739	1.2755	1.2755	0.521788	0.792949	-1.26112	?	?	?	0.396527	0.730228	-1.36944	0.827263	1.08235	1.08235	0.973093	0.987861	-1.01229	0.48253	0.890784	1.84607	1
cg24391460	MAGI2	0.838577	0.980465	0.97834	-1.02291	0.975156	0.968458	-1.03214	0.812044	1.24003	1.24003	0.565411	0.68153	-1.46153	0.645525	0.660858	-1.51323	0.808444	0.797666	-1.25366	0.104026	0.200492	-4.97824	0.621184	0.640497	-1.56129	0.947513	1.06053	1.060513	0.505597	6.34181	11.2609	1
cg02564313	ABAT	0.838583	0.296941	0.567978	-1.76063	0.722193	1.20532	1.20532	0.781326	1.1567	1.1567	0.979256	1.01369	1.01369	0.640355	0.781811	-1.27908	0.869227	1.08951	1.08951	0.181302	0.47599	-2.10088	0.432156	0.657473	-1.52098	0.705092	0.810637	-1.22005	0.505588	1.16947	3.8523	1
cg03661054	TSSC1	0.838596	0.702589	1.1285	1.1285	0.406687	1.30667	1.30667	0.094389	1.78501	1.78501	0.958345	0.983676	-1.0166	0.88077	1.04843	1.04843	0.95312	0.981644	-1.0187	0.691743	1.13017	1.13017	0.635957	1.16214	1.16214	0.949888	0.980389	-1.02	0.500569	0.78725	1.39796	1
cg09974136	RAB39	0.838613	0.943351	0.973617	-1.0271	0.945077	0.974506	-1.02616	0.587323	0.810161	-1.23395	0.960388	1.01886	1.018886	0.970597	0.991906	-1.01096	0.855993	0.91896	-1.08806	0.079378	0.531093	1.13265	1.13265	1.13825	1.13825	0.89739	1.17909	1.17909	0.500544	1.12257	1.9928	1
cg06236748	INPPL1	0.838621	0.404898	0.840591	-1.18964	0.877293	1.03198	1.03198	0.769802	0.94196	-1.06162	0.34504	0.820229	-1.21917	0.355709	0.824003	-1.21359	0.652648	0.911814	-1.09672	0.925887	0.98122	-1.01914	0.312799	0.808363	-1.23707	0.449362	1.17009	1.17009	0.500532	0.329144	0.584524	1
cg06316695	RING1	0.838623	0.537479	1.29464	1.29464	0.407934	0.648328	-2.06585	0.564473	0.962834	-1.0386	?	?	?	0.71739	0.730714	-1.36852	?	?	?	0.443004	1.98442	1.98442	0.850613	0.851817	-1.17396	0.439368	1.98142	1.98142	0.452203	3.83565	7.27041	1
cg24238621	Chorf171	0.838625	0.520875	0.613755	-1.62932	0.411301	1.87802	1.87802	0.653237	1.20127	1.201272	0.707617	-1.42517	0.234999	0.392654	-2.54677	0.258144	0.412801	-2.4233	0.92981	0.936049	-1.06832	0.897076	0.907481	-1.10195	0.918769	0.926331	-1.07956	0.501511	4.46071	7.93205	1
cg09579761	GAUR3	0.838639	0.404678	0.553992	-1.80508	0.229981	2.39272	2.39272	0.807721	0.844598	-1.18399	0.585488	1.46445	1.46445	0.371302	0.529469	-1.88868	0.664611	1.35278	1.35278	0.795276	1.19735	1.19735	0.976876	0.980123	-1.02028	0.851204	0.878028	-1.13892	0.500506	3.80348	6.7549	1
cg24886109	CYP51A1;CYP51A1;CYP51A1	0.838648	0.470174	1.23381	1.23381	0.365876	1.46276	1.46276	0.884541	1.04476	1.04476	0.444693	0.780888	-1.27514	0.394459	0.759755	-1.31645	0.699713	1.11817	1.11817	0.471396	0.806574	-1.23507	0.76948	1.07651	1.07651	0.703788	0.895776	-1.11637	0.500493	0.658285	1.16913	1
cg15431659	C3orf21	0.838663	0.762971	1.23352	1.23352	0.792659	1.20057	1.20057	0.519932	0.635979	-1.57238	0.490226	0.614889	-1.62628	0.955594	1.03939	1.03939	0.571844	1.48647	1.48647	0.222763	0.24267	0.242267	-4.07255	0.166124	0.166124	0.577252	0.676566	-1.47805	0.50047	3.81625	6.77807	1
cg13242754	C14orf101	0.838667	0.703324	1.15254	1.15254	0.615327	1.54358	1.54358	0.341198	1.64156	1.64156	0.706196	0.607446	-1.64573	0.450652	0.610496	-1.63844	0.262807	0.376974	-2.65307	0.905469	0.9449	1.0483	1.0483	1.19737	1.19737	0.777446	1.19737	1.19737	0.500332	1.19966	1.90413	1
cg11332921	MTFR1;MTFR1	0.838676	0.853637	0.943158	-1.06027	0.456385	0.786329	-1.27173	0.439427	1.28388	1.28388	0.659651	1.15078	1.15078	0.402008	0.762006	1.31233	0.855148	0.943736	-1.05962	0.709418	0.888146	-1.12594	0.543332	0.822875	-1.21525	0.228944	0.670255	-1.49197	0.500452	0.795943	1.41373	1
cg01949207	C1orf66;ISG20L2;C1orf66	0.838696	0.3621	1.41049	1.41049	0.561135	1.24079	1.24079	0.218605	1.60816	1.60816	0.990281	1.00448	1.00448	0.535058	1.25941	1.25941	0.727311	1.13716	1.13716	0.539777	0.79619	-1.25598	0.635954	1.19133	1.19133	0.335596	1.43989	1.43989	0.500423	1.0684	1.89777	1
cg10354548	MBD3	0.838709	0.922265	1.020745	1.020745	0.845217	1.09555	1.09555	0.428273	1.40687	1.40687	0.778157	0.832354	-1.20145	0.402873	0.708557	-1.41092	0.323809	0.408326	-2.44935	0.570092	0.83098	-1.2034	0.946244	0.997966	0.967604	-1.03344	0.954178	0.972356	1.028043	0.500403	1.88621	3.35057	1
cg20314660	DDX39;DDX39	0.838724	0.805842	0.952844	-1.04949	0.360714	1.20238	1.20238	0.921407	0.980828	-1.01955	0.164038	1.33812	1.33812	0.793278	0.94979	-1.05286	0.750399	0.94909	-1.05364	0.695004	0.925623	-1.08035	0.887309	1.0282	1.0282	0.459283	1.15928	1.15928	0.500381	0.304899	0.54163	1
cg06866445	ARHGAP24	0.838734	0.981035	0.990893	0.623863	1.22696	1.22696	0.512026	0.954844	0.978684	-1.13807	0.847098	0.973522	1.02272	0.143253	0.532514	1.87017	0.680144	0.843196	-1.18596	0.440189	0.780953	0.807762	-1.23799	0.843329	1.08482	1.08482	0.501381	0.134145	0.238399	1
cg04263685	ATP6V1H;ATP6V1H;ATP6V1H	0.838736	0.257878	0.364692	-2.74204	0.567453	1.62922	1.62922	0.601617	1.55981	1.55981	0.641835	0.67363	-1.48499	0.633283	0.51268	1.51268	0.690001	1.40202	1.40202	0.796055	1.21508	1.21508	?	?	?	0.535023	1.70051	1.70051	0.472796	4.48638	7.11679	1
cg05491762	UBTD1	0.838759	0.864843	1.0483	1.0483	0.862094	1.05074	1.05074	0.753917	1.09364	1.09364	0.859373	0.950772	-1.05178	0.503601	1.21314	1.21314	0.672903	1.12848	1.12848	0.081803	1.73081	1.73081	0.694569	1.11889	1.11889	0.868819	1.04818	1.04818	0.50033	0.642082	1.14073	1
cg07405126	DNAL1	0.838764	0.961546	1.017441	1.017441	0.29682	1.49094	1.49094	0.383449	1.38341	1.38341	0.762282	1.14207	1.14207	0.201824	0.779351	-1.28321	0.950073	1.0171	1.0171	0.907	0.926755	0.861365	1.16124	1.46124	1.46124	0.46521	1.30707	1.30707	0.226755	0.861365	1.16

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1117 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Chang N)	Fold-e(1217 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Error
cg07225509	GAUN1	0	0.840085	0.598885	0.392947	-2.54487	0.630387	0.34717	2.34737	0.682391	0.484787	2.062176	0.371712	1.02295	5.02479	?	?	0.33145	5.83212	0.543222	0.339583	-2.94479	0.923299	0.359088	-2.78546	0.486262	20.9386	43.5982	1
cg25543607	LOC554203	0.84009	0.989821	1.00957	1.009357	0.369639	1.9897	1.9897	0.436631	1.80862	1.808862	0.265387	0.420348	-2.37808	0.847148	1.155	1.155	?	?	?	0.71371	1.31672	1.31672	0.6051	0.677397	-1.47624	0.955122	1.04292	1.042294	0.480254	3.76975	7.84948	1
cg18516228	DGKE	0.840117	0.438841	1.28864	1.28864	0.979566	1.00826	1.00826	0.51604	0.809375	-1.23552	0.456817	0.783977	-1.27555	0.190656	0.640788	-1.56058	0.613683	1.17761	1.17761	0.92583	0.970539	-1.03036	0.807078	1.08174	1.08174	0.837298	0.936096	-1.06827	0.498332	0.814066	1.45207	1
cg17738861	MTMR12	0.840117	0.540666	0.645791	-1.54849	0.695844	0.757708	-1.31936	0.548568	1.5306	1.53006	0.459551	0.70173	1.70173	0.56965	1.660515	-1.50033	0.477722	2.160716	-1.66063	0.354093	0.510574	-1.95858	0.514216	1.59521	1.59521	0.688895	1.3286	1.3286	0.498331	3.93396	7.01713	1
cg00083937	MAP6IP2	0.840118	0.806892	0.890593	-1.12285	0.348699	1.57846	1.57846	0.141517	2.1127	2.1127	0.752842	1.56121	1.56121	0.940247	1.03611	1.03611	0.856705	0.918037	-1.08928	0.900553	1.06093	1.06093	0.618277	0.788459	-1.2683	0.77187	0.871498	1.14745	0.48333	1.76668	3.15129	1
cg20725539	ZNF121	0.840119	0.743032	1.14713	1.14713	0.482017	1.34736	1.34736	0.931532	1.0365	1.0365	0.930357	0.964187	-1.03714	0.159938	0.534477	-1.87099	0.480278	0.741284	-1.34901	0.970349	1.01563	1.01563	0.694093	1.1793	1.1793	0.630571	1.22406	1.22406	0.498325	1.3739	2.45069	1
cg18522931	ARIDSB	0.840129	0.457237	1.60678	1.60678	0.459034	1.60364	1.60364	0.812707	1.1603	1.1603	0.714471	0.794396	-1.25882	0.678934	1.29788	1.29788	0.365524	1.79033	1.79033	0.219478	2.24536	2.24536	0.316137	1.91403	1.91403	0.886843	0.91467	-1.09329	0.498314	3.09684	5.52412	1
cg11586185	SHISA4;SHISA4	0.840151	0.794766	1.51958	1.51958	0.70828	1.0657	1.0657	0.497288	1.39207	1.39207	0.998513	0.999104	-1.00091	0.307035	0.601348	-1.66284	0.620145	0.786388	-1.27164	0.863753	0.907044	1.10611	0.748404	0.956523	1.04529	1.167737	0.210543	1.88618	1.88618	0.498281	1.8255	3.25952	1
cg14535138	OPCML	0.840154	0.410461	1.58249	0.73083	0.83289	-1.20064	0.616636	1.31686	0.427932	1.55534	0.55534	0.553402	1.10606	1.10606	0.653247	1.27968	1.27968	0.295963	1.79729	1.79729	0.223485	2.00866	2.00866	0.316805	1.65795	1.65795	0.498277	2.34681	4.18654	1
cg22980407	CRYAA	0.840171	0.68486	0.643131	-1.55489	0.25853	3.58004	3.58004	0.215037	4.10374	4.10374	0.678856	0.637368	-1.56895	0.703173	0.66089	-1.51311	0.757299	0.715091	-1.39842	0.955266	0.941117	-1.06257	0.6675	1.59605	1.59605	0.793053	1.32902	1.32902	0.498252	9.23555	16.4763	1
cg12462991	HKR1;LACTB2	0.840175	0.934494	1.0443	1.0443	0.807532	1.09292	1.09292	0.249696	1.54953	1.54953	0.979428	1.00943	1.00943	0.59595	1.21509	1.21509	0.283974	1.49963	1.49963	0.546336	0.800713	-1.24889	0.407746	1.36108	1.36108	0.418975	1.33072	1.33072	0.498187	1.04569	1.86577	1
ch.2.23678525	CKAP2L	0.840175	?	?	?	0.398474	0.48254	-2.07237	0.693381	0.716036	-1.39658	0.291555	0.399148	-2.50534	0.534125	0.588156	-1.70023	0.294484	3.399909	-2.50057	0.272361	0.381726	-2.61968	0.546241	0.597655	-1.67321	0.817201	0.822695	-1.21502	0.498128	4.8027	10.003	1
cg00351537	ZNF558	0.840178	0.842641	0.847124	-1.18047	0.560942	0.570056	-1.75418	0.789807	0.471498	-2.12095	0.615139	1.49636	1.49636	0.296984	0.40553	-2.46503	0.903815	0.904013	1.10618	0.482376	0.551022	-1.81481	0.76639	0.742455	-1.32582	0.207729	0.329938	-3.03087	0.498124	5.4814	9.809	1
cg20139264	BCL6	0.840215	0.90663	1.04364	1.04364	0.807532	1.09292	1.09292	0.249696	1.54953	1.54953	0.979428	1.00943	1.00943	0.59595	1.21509	1.21509	0.283974	1.49963	1.49963	0.546336	0.800713	-1.24889	0.407746	1.36108	1.36108	0.418975	1.33072	1.33072	0.498187	1.04569	1.86577	1
cg16474184	P11	0.840227	0.514021	0.579024	-1.72705	0.21967	4.55305	4.55305	0.132136	0.422562	-2.36652	0.416396	0.50369	-1.98335	0.55132	0.607942	-1.64489	0.911305	1.09637	1.09637	0.293873	0.406992	-2.45705	0.899556	0.900988	-1.10989	0.961312	1.04086	1.04086	0.498169	5.37866	9.59722	1
cg20706597	HDAC4 MIR9;A3;C10orf2;C10orf2;MIR9;A3;MIR9	0.840233	0.752321	0.800756	-1.24982	0.618303	1.18018	1.18018	0.502962	0.626099	-1.61109	0.274503	0.45038	-2.22035	0.308705	0.473922	-2.09409	0.592058	0.684245	-1.46164	0.219656	0.404338	-2.47318	0.909952	0.932606	-1.08261	0.458934	0.587728	-1.70147	0.481161	3.88314	6.92884	1
cg19559774	LAS1C10orf2;MRPL43;C10orf2	0.840234	0.440961	2.91122	2.91122	0.801314	1.40901	1.40901	0.929108	1.12863	1.12863	0.557786	2.23911	2.23911	0.448553	0.34986	-2.85829	0.898085	1.19035	1.19035	0.20408	0.161602	-6.18803	0.689223	0.578888	-1.73745	0.67102	1.78781	1.78781	0.498116	14.5805	26.0327	1
cg24301724	GPR133	0.840238	0.468251	0.652175	-1.53333	0.620748	1.34493	1.34493	0.570112	0.719195	-1.39432	0.299456	1.8642	1.8642	0.456426	0.644486	-1.55162	0.865153	1.10345	1.10345	0.25657	1.7401	1.7401	0.840006	1.09144	1.09144	0.902328	1.07374	1.07374	0.498153	2.64664	4.72259	1
cg01498999	NLGN4Y;NLGN4Y;NLGN4Y	0.840239	0.620231	1.85473	1.85473	0.910478	0.870147	-1.14923	0.513527	2.26915	2.26915	0.468045	0.401274	-2.49206	0.458404	0.393085	-2.54398	0.182639	5.74888	5.74888	0.833198	1.29798	1.29798	0.952653	0.929199	-1.0762	0.952561	1.07635	1.07635	0.498152	12.0662	21.5306	1
cg18138036	PPP2R2D;PPP2R2D;PPP2R2D	0.840254	0.297389	0.720265	-1.38838	0.766109	1.17661	1.17661	0.124625	0.647378	1.3385	0.440747	0.125255	2.84731	0.250593	0.351353	2.84731	0.742832	1.10515	1.10515	0.834524	0.93845	-1.06559	0.6755	1.13638	1.13638	0.863868	1.13926	1.13926	0.49813	0.725549	1.23828	1
cg23408821	IQGAP1	0.840278	0.283295	0.67428	2.67428	0.707865	1.38838	1.38838	0.844914	1.18591	1.18591	0.414555	0.481139	-2.0784	0.606836	1.46978	1.46978	0.454488	0.513018	-1.94825	0.721615	1.36591	1.36591	0.932691	0.929118	-1.07629	0.44847	0.96766	0.96766	0.498725	5.56666	7.61588	1
cg24358066	ZZZ3	0.840283	0.559534	1.2299	1.18047	0.580942	0.570056	-1.75418	0.789807	0.471498	-2.12095	0.615139	1.49636	1.49636	0.296984	0.40553	-2.46503	0.903815	0.904013	1.10618	0.482376	0.551022	-1.81481	0.76639	0.742455	-1.32582	0.207729	0.329938	-3.03087	0.498124	5.4814	9.809	1
cg04977983	SEC23A	0.840306	0.783241	0.928805	-1.07665	0.567666	1.856666	-1.16732	0.926328	0.975535	-1.02508	0.803172	0.935302	-1.06917	0.633076	0.879136	1.13748	0.284122	1.24651	1.24651	0.802555	1.2734	1.2734	1.1933	1.14968	1.14968	0.492562	1.13033	1.13033	0.498186	1.25955	2.18822	1
cg27382599	PIGP;PIGP;TTC1;PIGP;PIGP	0.840308	?	?	?	0.383817	1.84357	1.84357	0.716691	1.28215	1.28215	0.412515	1.77074	1.77074	0.609817	0.703987	-1.42048	0.419608	0.569844	-1.75486	0.479655	0.612591	-1.63241	0.786728	1.20316	1.20316	0.759013	1.23349	1.23349	0.497933	3.14246	6.54771	1
cg23089549	ALX4	0.840307	0.959698	0.948776	-1.05391	0.229309	3.86718	3.86718	0.203547	0.850875	-1.89139	0.541578	1.12125	0.994113	0.00437	1.01419	0.431123	0.913242	0.917356	1.09042	0.796396	0.968683	-1.03255	0.847706	1.17504	1.17504	0.762744	1.17011	1.17011	0.362467	2.65924	4.69281	1
cg14259594	DGCR6	0.840315	0.167609	0.272859	-3.66489	0.336715	0.417012	-2.39801	0.801236	1.24951	1.24951	0.381452	0.455804	-2.19393	0.429258	0.4904	-2.03915	0.678069	0.690698	-1.44781	0.477545	0.528519	-1.89208	0.798395	0.797706	-1.25359	0.894518	0.889462	-1.12428	0.498039	6.15042	10.9771	1
cg27368013	CDRR1	0.840317	0.771505	0.810611	-1.23369	0.942837	1.060197	-1.06233	0.904288	1.23508	1.23508	0.435595	0.596084	-1.67762	0.497288	1.248151	1.248151	0.814158	1.07868	1.07868	0.906997	0.95759	-1.04434	0.855702	1.13639	1.13639	0.710973	1.07475	1.07475	0.498073	0.816072	1.45658	1
cg15064304	GATAD2B;GATAD2B	0.840335	0.50888	1.12978	1.12978	0.453003	0.870055	-1.14935	0.458153	0.871481	-1.14747	0.509215	0.88522	-1.12966	0.240115	0.799935	1.25102	0.937737	1.04133	1.04133	0.480985	0.87989	-1.13651	0.903983	1.01395	1.01395	0.427666	0.8629	1.15888	0.49801	0.261502	0.466751	1
cg25124228	AACS	0.840349	0.621125	0.567684	-1.76154	0.823835	0.77566	-1.28922	0.976862	0.967578	-1.03351	0.811625	1.31171	1.31171	0.221521	0.232167	-4.30725	0.678231	0.622428	-1.60661	0.425401	0.396522	-2.52193	0.342828	0.31625	0.53625	0.492292	0.28473	0.49799	0.186	18.1815	1
cg24974454	CHRDL2;CHRDL2	0.840365	0.8365	1.04609	1.04609	0.801314	1.40901	1.40901	0.929108	1.12863	1.12863	0.557786	2.23911	2.23911	0.448553	0.34986	-2.85829	0.704745	1.41191	1.41191	0.198099	0.192681	-5.19272	0.732202	0.652152	1.50857	1.50857	0.498172	0.479514	0.815382	1
cg04573959	LDNBF1	0.840378	0.953335	0.988581	-1.01155	0.294149	1.23806	1.23806	0.928564	1.01775	1.01775	0.315842	1.22572	1.22572	0.600676	1.10921	1.10921	0.289132	0.805781	-1.24103	0.845427	0.962419	-1.03905	0.977607	1.00552	1.00552	0.675553	1.08612	1.08612	0.497047	0.303742	0.542212	1
cg24939884	ARHGEF16	0.840382	0.448653	1.84961	1.84961	0.709332	1.07606	1.07606	0.847382	1.78004	1.78004	0.418897	1.06037	1.06037	0.327956	0.641705	-1.55782	0.725202	0.641356	-1.55942	0.482464	1.38539	1.38539	0.724855	0.883818	-1.13145	0.900127	0.965625	1.03591	1.03591	0.498153	0.715355	1.31633	1
cg06326591	CUX1;CUX1;CUX1	0.840392	0.869845	1.04796	1.04796	0.946241	0.980922	-1.01945	0.232074	0.699064	-1.43048	0.942738	0.979689	-1.02073	0.420951	0.790686	1.26472	0.793149	1.07796	1.07796	0.348823	1.31721	1.31721	0.591407	1.16742	1.16742	0.645592	1.14143	1.14143	0.497926	0.643498	1.14876	1
cg11246938	TBX3;TBX3	0.840395	0.672119	0.663132	-1.50799	0.420322	2.2132	2.2132	0.256131	1.13866	1.13866	0.685716	1.48077	1.48077	0.526565	0.538405	-1.85734	0.628621	0.624287	-1.60044	0.43445	0.462424	-2.16252	0.887953	1.14572	1.14572	0.803053	1.27268	1.27268	0.497922	7.34238	13.1076	1
cg24085655	RP11OL4;RP11OL4	0.840403	0.274467	1.89459	1.89459	0.728432	0.717483	1.17483	0.138466	1.63566	1.63566	0.486577	0.674432	-1.48272	0.507328	0.653542	-1.45441	0.639706	0.704942	-1.41902	0.350027	0.387689	-2.58012	0.900754	0.934149	-1.07049	0.461531	0.48975	0.49787	0.44789	4.37041	7.94254	1
cg19325220	RAP2A	0.840437	0.291658	1.8076	1.8076	0.401732	1.59098	1.59098	0.953721	1.0319	1.0319	0.489228	1.46242	1.46242	0.685356	1.24656	1.24656	0.930177	0.95369	-1.04856	0.29587	0.556283	-1.79764	0.56872	1.3657	1.3657	0.930778	0.95408	-1.04813	0.497861	2.3082	4.12122	1
cg14548899	FAM46C	0.840439	0.967744	0.992004	-1.00802	0.752349	1.33073	1.05073	0.484085	0.99376	1.1176	0.98206	0.508023	0.99376	-1.00488	0.492556	1.1933	1.1933	0.462588	0.703	1.42196

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cg05013422	WDR81;WDR81;WDR81;WDR81	0.841599	0.963906	1.02024	0.10924	0.716311	1.07703	1.00703	0.805307	0.951176	1.05133	0.779956	0.944644	1.01085	0.292298	1.24877	1.24877		1.23041	1.23041	0.214182	1.30462	1.30462	0.826713	0.956399	1.04559	0.496146	0.324868	0.582029	1
cg13844802	SMARCA5	0.84161	0.822072	1.08778	1.08778	0.319881	1.46813	1.46813	0.573504	1.23674	1.23674	0.70735	0.712755	-1.40301	0.3161	0.6790	0.77	-1.47259	0.698033	0.864862	-1.15625	0.562256	0.803419	-1.24468	0.974143	0.987965	-1.01218	0.913486	0.10143	1.04143	0.496131	1.09658	1.96467	1
cg13557939	PTPN1;PTPN3	0.841613	0.690665	0.847937	-1.17933	0.551648	0.780087	-1.28191	0.521568	0.764992	-1.3072	0.713043	0.858711	-1.16454	0.580411	0.794341	-1.25891		0.941219	0.970048	-1.03088	0.276564	0.627073	-1.59471	0.121368	0.500293	-1.99883	0.890557	0.944809	-1.05842	0.496126	1.33615	2.39393	1
cg10703733	LOC651250	0.84164	0.582606	1.39177	1.39177	0.887598	1.08788	1.08788	0.337995	1.80086	1.80086	0.611281	1.35697	1.35699	0.587766	1.38537	1.38537		0.656129	1.30592	1.30592	0.544515	1.44094	1.44094	0.873965	0.905787	-1.09916	0.225553	0.468597	-2.13403	0.496087	2.78697	4.99369	1
cg19226080	LOC401127	0.84165	0.999525	1.00024	1.00024	0.386956	0.701081	-1.42637	0.433158	0.72551	-1.37834	0.67641	0.845281	-1.18304	0.579339	1.25137	1.25137		0.970518	1.01491	1.01491	0.604726	1.23258	1.23258	0.197999	0.579931	-1.72434	0.704367	0.858425	-1.16492	0.496065	1.25991	2.25761	1
cg12609042	PLXNB1;PLXNB1	0.84164	0.542853	0.664228	-1.50551	0.724971	0.790863	-1.26444	0.653467	1.39009	1.39009	0.461287	0.645474	0.645474	0.285168	0.478586	-2.09042		0.560552	0.676437	-1.47833	0.388783	0.556893	-1.79568	0.576829	1.4542	1.4542	0.974506	1.02145	1.02145	0.496055	1.34637	6.21131	1
cg05967855	IFNGR1	0.841675	0.801322	1.0608	1.0608	0.987015	1.00382	1.00382	0.260364	0.758437	-1.3185	0.799937	0.94229	-1.06124	0.711192	1.09099	1.09099		0.930584	1.04998	1.04998	0.714637	1.08979	1.08979	0.197108	0.724825	-1.37964	0.841959	1.04783	1.04783	0.491134	0.416953	0.660303	1
cg14408863	FLOT2;DHRS13	0.841684	0.511999	0.538178	-1.85812	0.69876	1.51786	1.51786	0.752267	0.624222	0.63159	-1.58331	?	?	0.256261	0.329934	-3.03091		0.894958	1.13065	1.13065	0.630551	1.56987	1.56987	0.553726	1.79867	1.79867	0.683615	1.46405	1.46405	0.473566	0.63978	0.92425	1
cg10251347	NRD1;NRD1;NRD1;NRD1	0.841699	0.637165	1.06118	1.06118	0.85128	1.02374	1.02374	0.701612	0.953023	-1.04929	0.226113	1.17218	1.17218	0.240828	0.972576	1.0282		0.918325	1.0129	1.0129	0.526825	0.922982	-1.08405	0.371872	0.89173	-1.12142	0.506535	1.08788	1.08788	0.409006	0.127725	0.219919	1
cg12277888	TRIM44	0.841701	0.639284	1.09362	1.09362	0.155437	0.749638	-1.33398	0.894465	0.975154	-1.02548	0.415352	0.853999	-1.17096	0.995995	0.999049	-1.00095		0.777185	1.05526	1.05526	0.710982	1.0731	1.0731	0.456838	0.866192	-1.15448	0.926915	0.982758	-1.01754	0.495993	0.282298	0.505916	1
cg18720973	PALM3	0.841709	0.576137	1.07159	1.07159	0.495642	0.731316	1.13816	0.534085	0.956279	-1.04572	0.260866	0.939229	-1.06501	0.274496	0.760773	-1.99293		0.298346	1.52252	1.52252	0.194642	0.440205	2.26242	0.071498	0.497063	-1.10185	0.713042	0.840493	2.85078	5.10909	1
cg19829001	ST6GALNAC1	0.841726	0.369799	1.46708	1.46708	0.461169	0.731838	-1.36642	0.415992	1.41334	1.41334	0.954112	0.974961	-1.02568	0.32517	1.52621	1.52621		0.402866	1.42795	1.42795	0.448572	1.37902	1.37902	0.581616	1.26061	1.26061	0.869523	1.07081	1.07081	0.49596	1.36023	2.4379	1
cg16385494	PTPLB	0.841751	0.331366	1.34604	1.34604	0.25061	0.909783	-1.09964	0.374503	1.31033	1.31033	0.280753	1.39436	1.39436	0.785946	0.92242	-1.08411		0.685484	0.886276	-1.12832	0.855879	1.05539	1.05539	0.489429	1.23146	1.23146	0.461405	1.24898	1.24898	0.495953	0.609059	1.23774	1
cg16350612	EIF2C1;EIF2C3	0.841754	?	?	?	0.993624	1.00906	1.00906	0.546111	1.99835	1.99835	0.222775	0.35814	4.35814	0.78233	1.36728	1.36728		0.818476	1.29639	1.29639	0.572594	0.524225	-1.90758	?	?	0.706723	0.652287	-1.53307	0.447382	0.68404	12.806	1
cg03498038	RBM25	0.841789	0.184272	2.34708	2.34708	0.865064	1.08553	1.08553	0.259237	2.04012	2.04012	0.164065	1.44664	1.44664	0.59744	1.38116	1.38116		0.992648	1.0056	1.0056	0.53223	1.46705	1.46705	0.856768	0.89633	-1.11566	0.692071	0.785073	-1.2727	0.495867	2.882	5.16625	1
cg23894854	C1orf162;C1orf162	0.841802	0.880680	1.17359	1.17359	0.637512	0.587224	-1.70293	0.790142	0.763526	-1.30995	0.744835	0.816099	0.764026	-1.30886	0.309824	0.307644	-3.25051		0.604812	1.19009	1.19009	0.487805	0.94204	1.06151	0.868	0.98843	-1.01189	0.854884	0.98883	1.01012	0.495847	0.425237	-2.35086	0.495847	0.8383	17.7121	1
cg14105467	ARSI	0.841806	0.613569	1.30843	1.30843	0.649556	1.27659	1.27659	0.61207	1.30994	1.30994	0.477975	1.46353	1.46353	0.378806	1.61071	1.61071		0.305834	1.75021	1.75021	0.164281	2.18897	2.18897	0.427222	1.53404	1.53404	0.426779	1.53477	1.53477	0.495841	2.18866	3.92358	1
cg00507259	SMARCAD1;SMARCAD1;SMARCAD1	0.841823	0.993608	0.897791	-1.11395	0.67328	1.15188	1.15188	0.721267	0.628844	-1.59022	?	?	?	?	?	?		0.33425	0.72959	-1.65002	0.35301	1.46271	1.46271	0.891725	1.29965	1.29965	0.545933	2.21241	2.21241	0.451768	0.12213	0.20.1921	1
cg01205512	NIN2	0.841824	0.551888	1.53827	1.53827	0.440328	1.05609	1.75609	0.765345	0.807204	-1.23884	0.54176	0.642777	-1.55575	0.767081	0.80853	-1.23681		0.834422	1.16157	1.16157	0.642383	1.39713	1.39713	0.571402	1.55941	1.55941	0.233894	0.411152	-2.42319	0.495814	0.42052	2.20795	1
cg17303111	MRPS26	0.841835	0.741094	0.938001	-1.0661	0.670057	1.08421	1.08421	0.465316	1.15423	1.15423	0.328369	1.215	1.215	0.603335	1.10649	1.10649		0.544105	1.12583	1.12583	0.951786	1.01174	1.01174	0.252115	0.793792	-1.25978	0.774493	1.05702	1.05702	0.495798	0.292597	0.524582	1
cg12729838	CLLC;LLC;CLLC;LLC	0.841835	0.680833	1.79567	1.79567	0.25682	0.655722	1.51501	0.661494	1.27596	1.27596	0.742609	0.937893	1.06615	0.942182	1.07022	1.07022	0.905158	0.441205	2.26642	0.671452	1.48875	0.614745	1.62704	0.880111	1.13622	0.495776	2.39845	4.30024	1
cg03002428	HMGB2;HMGB2;HMGB2	0.841851	0.516498	0.905262	-1.10465	0.345124	1.15851	1.15851	0.733104	0.949127	-1.0536	0.676977	0.938575	-1.06544	0.981859	0.995566	-1.00345		0.26386	0.838424	-1.19271	0.30647	0.85197	-1.17375	0.768144	0.956254	-1.04575	0.669508	0.937098	-1.06712	0.495774	0.179772	0.32232	1
cg02497703	NUDT15	0.841888	0.684667	1.1556	1.1556	0.710962	0.706762	-1.41459	0.703345	0.838449	0.70832	-1.41081	0.729569	0.738055	-1.35441	0.741403	0.741403	-1.34885	0.883245	0.960644	-1.04159	0.740859	0.819398	-1.22395	0.870288	-1.15062	0.607459	0.863102	-1.15844	0.495772	0.60974	1.17442	1
cg18196535	EXOC4;EXOC4	0.841883	0.709803	1.09654	1.09654	0.414899	0.814261	-1.22811	0.914155	0.973764	-1.02694	0.843016	0.95229	-1.0501	0.193464	1.40391	1.40391		0.970704	0.990986	-1.0091	?	?	?	0.717146	0.09385	1.09385	0.497972	1.18486	1.18486	0.477586	0.408706	0.855773	1
cg02603192	ZNF337	0.841902	0.990628	1.01152	1.01152	0.790167	0.70794	-1.29712	0.908382	1.11884	1.11884	0.949609	0.940213	-1.06359	0.10945	1.18223	-5.48749		0.723127	0.706815	-1.4148	0.87866	1.1607	1.1607	0.517243	0.52705	-1.89735	0.376668	0.412749	-2.42278	0.4957	7.46988	13.395	1
cg22363224	SIAE;SIAE	0.841903	0.708209	1.41107	1.41107	0.463892	0.587724	-1.70293	0.790142	0.763526	-1.30995	0.744835	0.816099	0.764026	-1.30886	0.309824	0.307644	-3.25051	0.604812	1.19009	1.19009	0.487805	0.94204	1.06151	0.868	0.98843	-1.01189	0.854884	0.98883	1.01012	0.495847	0.425237	-2.35086	0.495847	0.8383	17.7121	1
cg01019188	DGKB;DGKB	0.841905	0.290828	0.666459	-1.50047	0.752386	0.889441	-1.1243	0.847973	0.931421	-1.07363	0.648434	1.32243	1.32243	0.834129	0.925313	-1.08072		0.778779	0.901002	-1.10988	0.299574	1.48879	1.48879	0.924654	0.96559	-1.03564	0.429316	0.74181	-1.34805	0.495694	1.07576	1.92907	1
cg19494818	MPP4	0.841907	0.46662	0.558008	-1.79209	0.549088	0.516337	-1.62381	0.818465	0.82484	1.20849	0.889825	1.10525	1.10525	0.341582	1.46227	1.46227	-2.16349	0.33425	0.729357	-1.65002	0.35301	1.46271	1.46271	0.891725	1.29965	1.29965	0.545933	2.21241	2.21241	0.451768	0.12213	0.20.1921	1
cg07363416	MAGT1	0.84208	0.355674	0.431373	-2.31818	0.812848	1.23154	1.23354	0.978769	0.976726	-1.02383	0.321616	0.27478	2.47478	0.284822	2.21201	2.21201		0.265372	0.358022	-2.79312	0.539463	0.577076	-1.73287	0.960472	0.975089	-1.04488	0.242856	2.12669	1.23669	0.495691	1.64811	11.025	1
cg13072098	ROR1;ROR1	0.841921	0.458467	1.31829	1.31829	0.767086	0.896974	-1.11486	0.307556	0.679334	-1.47203	0.776992	0.901271	-1.10954	0.537523	1.25676	1.25676		0.781312	1.10724	1.10724	0.972936	0.987658	-1.0125	0.363971	1.40706	1.40706	0.454629	0.756691	-1.32154	0.495671	1.05194	1.88645	1
cg08391482	SERBP1;SERBP1;SERBP1;SERBP1	0.841927	0.652024	1.13798	1.13798	0.513675	0.813075	-1.229	0.80504	0.930275	-1.07486	0.494395	0.977383	-1.00217	0.854564	1.07293	1.07293		0.509827	1.22861	1.22861	0.490527	1.2407	1.2407	0.192665	1.529	1.529	0.578363	1.18875	1.18875	0.495663	0.744612	1.53516	1
cg01287605	TTC38	0.841927	0.449993	0.785364	-1.2733	0.737046	1.11157	1.11157	0.88034	1.04842	1.04842	0.547833	0.826225	-1.21032	0.142397	0.609604	-1.64041		0.660984	1.14857	1.14857	0.835478	0.936812	-1.06745	0.692508	0.882715	-1.13287	0.545226	0.825172	-1.21187	0.495663	0.773362	1.3869	1
cg26717995	ZNF503;ZNF503;C10orf41	0.841935	0.824132	1.24153	1.24153	0.57062	0.832452	1.20133	0.824492	1.24281	1.24281	0.488237	0.97828	1.02232	0.164122	1.56349	1.56349		0.523227	1.4011	1.4011	0.644737	0.647539	-1.54431	0.362656	0.931359	-1.05239	0.764985	0.831886	-1.20257	0.495676	0.32625	0.596	1
cg14830815	SLC11A2	0.841943	0.877493	1.02295	1.02295	0.852289	0.97296	-1.02779	0.207305	0.82237	-1.216	0.591886	1.08284	1.08284	0.526055	1.09909	1.09909		0.587953	1.922701	-1.08377	0.626836	0.93048	-1.07471	0.47632	1.11239	1.11239	0.636089	0.932303	-1.07261	0.495639	0.169776	0.30448	1
cg01294717	HDAC4	0.841945	0.766719	0.912762	-1.09558	0.744396	0.904496	-1.10559	0.255985	1.43881	1.43881	0.373119	1.32381	1.32383	0.974577	1.00983	1.00983		0.259696	1.4344	1.4344	0.633725	1.15868	1.15868	0.490833	1.23951	1.23951	0.911703	0.966558	-1.03468	0.495636	0.738951	1.32526	1
cg09955321	NDUFAF1;NDUFAF1	0.84195	0.226213	1.89772	1.89772	0.21654	1.16854	1.16854	0.14501	1.24572	1.24572	0.158717	1.24645	1.24645	0.12769	1.22579	1.22579		0.559182	1.24704	1.24704	0.373933	1.16955	1.16955	0.669755	1.09377	1.09377	0.744746	1.14411	1.14411	0.495624	0.679974	2.25214	1
cg26033586	LSAMP	0.841961	0.269531	0.772739	-1.2941	0.799358	1.05877	1.05877	0.915072	0.976365	-1.02421	0.521779	0.864515	-1.15672	0.285763	0.779907	-1.2822		0.541474	0.870584	-1.14865	0.65083	0.904386	-1.10572	0.581756	1.13285	1.13285	0.616757	1.11978	1.11978	0.495612	0.394627	0.70777	1
cg24489237	AMN1;AMN1;AMN1	0.841963	0.786603	1.07108	1.07108	0.626352	0.945516	-1.08207	0.728384	0.965853	-1.03519	0.394252	0.912677	-1.09595	0.564322	1.18229	1.18229		0.237626	0.643215	-1.5548	0.31823	0.973013	-1.02713	0.852465	1.08325	1.08325	0.692405	1.14424	1.14424	0.495605	0.989948	1.79166	1
cg22376822	ZBTB16;ZBTB16	0.841968	0.574293	1.33891	1.23891	0.225067	0.73636	0.73636	0.280862	0.352838	3.55238	0.456129	0.311507	3.15507	0.504834	2.75409	2.75409		0.423836	0.39684	2.51974	0.292604	0.521716	1.92716	0.53856	2.54001	2.54001	0.405106	0.309096	0.495603	17.5912	31.5506	1
cg24874689	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.841973	0.519821	0.860805	-1.1617	0.610704	1.12518	1.12518	0.589039	1.13349	1.13349	0.596709	0.884547	-1.13052	0.590919	1.13276	1.13276		0.323799	0.791276	-1.26378	0.96861	1.00908	1.00908	0.325243	0.791865	-1.26284	0.529273	0.863795	-1.15768	0.495595	0.434255	0.742998	1
cg12382864	PIK3AP1	0.84183	0.786603	1.07108	1.07108	0.626352	0.945516	-1.08207	0.728384	0.965853	-1.03519	0.394252	0.912677	-1.09595	0.564322	1.18229	1.18229		0.237626	0.643215	-1.5548	0.31823	0.973013	-1.02713	0.852465	1.08325	1.08325	0.692405	1.14424	1.14424	0.495605	0.989948	1.79166	1
cg10963209	ZNF398;ZNF398	0.841993	0.206211	0.763883	-1.35707	0.687866	1.09689	1.09689	0.891984	0.971584	-1.02925	0.96026	0.988655	-1.01148	0.712406	1.08848	1.08848		0.906664	0.974399	-1.02722	0.23881	0.758535	-1.31845	0.607707	1.12589	1.12589	0.911093	1.08089	1.08089	0.495601	0.411566	0.738221	1
cg11393025	TOP2A	0.841994	0.605653	1.07235	1.07235	0.463892	0.587724	-1.70293	0.790142	0.763526	-1.30995	0.744835	0.816099	0.764026	-1.30886	0.309824	0.307644	-3.25051	0.604812	1.19009	1.19009	0.487805	0.94204	1.06151	0.868	0.98843	-1.01189	0.854884	0.98883	1.01012	0.495847	0.425237	-2.35086	0.495847	0.8383	17.7121	1
cg04986004	MIR874;KLHL3	0.842029	0.586349	0.708835	-1.41077	0.169313	0.399679	-2.50201	0.713884	1.25995	1.25995	0.987412	0.990167	-1.00993	0.652297	0.752702	-1.32855		0.535628	0.675098	-1.48127	0.277049	0.492589	-2.03009	0.712647	0.793186	-1.26074	0.805429	1.16717	1.16717	0.495512	3.0787	5.52283	1
cg17707964	SDK1;SDK1	0.842058	0.385305	1.77797	1.77797	0.726779	0.797819	-1.25342	0.6071	0.756071	-1.38651	0.249987	0.216861	0.216861	0.257794	0.819382	-1.22043		0.327959	0.525178	-1.9155	0.882317	1.10017	1.10017	0.951304	1.04009	0.567687	0.990113	1.00099	1.00099	0.495601	0.243415	0.43673	1
cg26247224	NUP50;NUP50	0.842058	0.705649	1.10704	1.10704	0.76322	1.46896	1.46896	0.464646	1.2004	1.2004	0.363513	1.16951	1.16951	0.562291	1.2504	1.2504		0.860276	1.04835	1.04835	0.814004	1.07887	1.25331	0.93285	1.02284	1.02284	0.742092	1.09052	1.09052	0.495693	0.563547	1.01102	1
cg21717879	BSG;BSG;BSG	0.842062	0.862002	0.960282	-1.04136	0.718454	0.919124	-1.08799	0.327492	0.790212	-1.26548	0.507176	1.1697	1.1697	0.976509	1.00688	1.00688		0.230296	0.745899	-1.34066	0.580581	0.878095	-1.13883	0.561831	1.14641	1.14641	0.785615	1.06557	1.06557	0.495664	0.425787	0.763885	1
cg14009619	KIBA2	0.842074	0.694944	1.15322	1.15322	0.482251	0.660586	-1.51405	0.469619	0.698262	-1.43123	0.264311	0.702602	-1.42351	0.376433	0.733557	-1.36319		0.449854	1.16055	1.16055	0.997192	1.00169	1.00169	0.999984	1.00169	1.00169	0.999984	1.00169	1.00169	0.999984

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.N)	p-value(1057 vs. N)	Fold-Change(1 vs.N)	p-value(1111 vs. N)	Fold-Change(1 vs.N)	p-value(1127 vs. N)	Fold-Change(1 vs.N)	p-value(1217 vs. N)	Fold-Change(1 vs.N)	p-value(1247 vs. N)	p-value(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.N)	p-value(1537 vs. N)	Fold-Change(1 vs.N)	p-value(5637 vs. N)	Fold-Change(1 vs.N)	F(Error
cg25533495	DIXI1	0.843243	?	?	0.304442	1.53312	0.822128	0.913077	1.0952	0.501312	0.760168	-1.3155	0.312721	1.53129	1.53129	0.957944	0.978739	-1.02172	0.527371	0.773145	-1.29342	0.930261	1.03579	1.03579	0.74418	1.14061	0.475558	1.08075	2.27259	1
cg06185204	ZFAND6	0.843249	0.457427	0.814701	-1.22744	0.247405	1.38751	1.38751	0.648825	1.1322	1.1322	0.401024	0.792322	-1.26211	0.811092	0.937212	1.067	0.459133	1.26646	0.801528	1.05178	1.05178	0.6925	0.79	1.11362	0.493708	0.573464	1.03248	1
cg06859398	GPR135;GPR135	0.843255	0.647997	0.841995	-1.18765	0.530537	1.26834	1.26834	0.924612	0.965208	-1.03605	0.196108	1.66771	1.66771	0.531553	0.788906	-1.26758	0.964331	1.01687	1.01687	0.428696	0.739122	-1.35296	0.646911	1.18834	1.18834	0.892192	1.05204	1.05204	0.4937	1.09457	1.97073	1
cg06732545	SYNPO;SYNPO	0.843273	0.400153	0.674723	-1.48209	0.163836	1.53441	1.53441	0.570617	1.29931	1.29931	0.85449	0.959553	-1.08748	0.340915	0.859343	-1.16367	0.470338	1.39866	1.39866	0.348331	0.643331	-1.55441	0.876921	0.931646	-1.07337	0.660828	0.817229	-1.22365	0.493673	1.63176	2.93808	1
cg01166674	ABCB8	0.843292	0.516186	1.11499	1.11499	0.132052	1.30834	1.30834	0.448308	1.13629	1.13629	0.967355	0.993256	-1.06079	0.134285	0.904925	1.01359	1.01359	0.358925	1.1688	1.1688	0.490273	0.71285	1.12285	0.667648	1.07403	1.07403	0.553707	1.10412	0.493646	0.213739	0.384872	1
cg25622487	FAM76B;CEP57	0.843295	0.901378	0.955502	-1.04657	0.980409	0.991025	-1.00906	0.532273	0.792738	-1.26145	0.215734	1.61346	1.61346	0.511723	1.2679	1.2679	0.346001	1.42808	1.42808	0.610246	0.827952	-1.2078	0.613472	1.20565	1.20565	0.965457	1.01603	1.01603	0.49364	1.05395	1.89782	1
cg08786860	MPP1;MPP1;MPP1;MPP1	0.843306	0.181777	0.362864	-2.75585	0.3605	0.510327	-1.95953	0.310375	0.472027	-2.11852	0.80011	1.19897	1.19897	0.995236	1.00428	1.00428	0.637362	0.712061	-1.40437	0.792467	1.20755	1.20755	0.764884	0.806936	-1.23926	0.918861	1.08046	1.08046	0.493624	3.99892	7.20102	1
cg19045002	RAHCC1	0.843307	0.557069	1.68296	1.68296	0.114242	1.45824	1.45824	0.553629	1.65257	1.65257	0.73422	1.34812	1.34812	0.868904	0.865283	-1.1558	0.757649	0.762386	1.15157	0.996027	1.00038	1.00038	0.62913	1.54288	1.54288	0.480909	1.87387	1.87387	0.493623	6.00661	10.8164	1
cg24902995	C7orf20	0.843316	0.750611	1.12444	1.12444	0.134035	1.71252	1.71252	0.896362	0.956681	-1.04528	0.894911	1.05648	1.05648	0.818418	0.951936	1.05498	0.833892	0.931125	-1.07397	0.332044	0.40504	2.46504	0.669618	1.15702	1.15702	0.690345	0.827275	1.14577	0.493611	0.902746	1.62566	1
cg02226688	ENOPH1;HNRPDL;HNRPDL	0.843317	0.703744	0.887832	-1.12634	0.340519	0.736479	-1.35781	0.710198	0.890269	-1.12326	0.946277	0.979234	-1.02121	0.495398	1.24056	1.24056	0.25661	0.691618	-1.44588	0.99503	1.00038	1.00038	0.325485	0.728947	-1.37184	0.762454	1.099	1.099	0.493609	0.758074	1.36514	1
cg08983668	GLRX3	0.843341	0.262628	1.08786	-1.08786	0.170665	0.7055	-1.41782	0.583707	0.848815	-1.17811	0.223156	0.98197	0.98197	0.929263	1.01963	1.01963	0.573406	0.485416	2.06009	0.618101	0.528083	1.89365	0.693503	0.760037	-1.3156	0.907553	1.10202	1.10202	0.493574	1.62159	2.72102	1
cg12713040	DNAJC5	0.843349	0.743069	1.10977	1.10977	0.185942	1.55899	1.55899	0.870087	0.949494	-1.05319	0.616473	0.852237	-1.17338	0.948914	1.02564	1.02564	0.627497	0.85656	-1.16746	0.33606	1.36899	1.36899	0.798277	1.08447	1.08447	0.91146	1.03585	1.03585	0.493562	0.783675	1.41137	1
cg18112005	C14orf80;C14orf80;C14orf80	0.843354	0.71792	0.879445	-1.47139	0.738437	0.912687	1.09407	0.914267	0.985245	2.50545	0.915203	0.892731	-1.12016	0.649328	1.63103	1.63103	0.509033	1.0185842	0.2243752	-4.45682	0.933223	1.09339	1.09339	0.858807	1.20873	1.20873	0.493593	7.95999	15.9783	1
cg10966876	TWIST2	0.843366	0.524298	0.612646	-1.63227	0.647372	0.704897	-1.41865	0.374083	0.333558	-2.99798	0.337424	1.60668	1.60668	0.763444	0.795176	-1.25758	0.587355	0.659644	-1.51597	0.387477	0.510377	-1.95934	0.5201	0.609526	-1.64062	0.895242	1.10521	1.10521	0.493537	4.50678	8.11697	1
cg15598719	SNORA59A;VPS13D;SNORA59B;VPS13D	0.84339	0.404088	1.43604	1.43604	0.160974	1.88641	1.88641	0.96045	1.02124	1.02124	0.559319	1.28437	1.28437	0.850855	1.07884	1.07884	0.842618	1.08792	1.08792	0.237247	1.69022	1.69022	0.513776	1.32404	1.32404	0.874891	1.06677	1.06677	0.4935	1.40436	2.52952	1
cg08413646	SYNPO;SYNPO	0.843393	0.850398	0.917553	-1.08985	0.48094	0.721467	-1.38606	0.924081	0.957494	-1.04439	0.99814	0.998938	-1.00106	0.333558	1.57541	1.57541	0.423417	1.45149	1.45149	0.298767	1.63361	1.63361	0.376948	1.51158	1.51158	0.957787	1.02441	1.02441	0.493496	1.62307	2.92349	1
cg23196125	NAA30	0.843421	0.930684	0.979122	-1.02532	0.31907	1.18199	1.18199	0.767291	0.924737	-1.0814	0.42247	1.24119	1.24119	0.538658	0.848602	-1.17841	0.384473	0.79045	-1.2651	0.578199	1.15959	1.15959	0.587809	1.15325	1.15325	0.695403	0.901436	1.10984	0.493455	0.5435	0.979038	1
cg23307708	PPP2CA	0.843424	0.4607	1.42034	1.42034	0.254489	1.64322	1.64322	0.963319	0.979166	-1.02128	0.650841	1.23194	1.23194	0.79046	0.878122	-1.13878	0.783089	0.881318	-1.13466	0.335523	0.634672	-1.57562	0.814571	1.11355	1.11355	0.38624	1.5018	1.5018	0.49345	1.63794	2.95055	1
cg26629188	DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2	0.843459	0.984979	0.996876	-1.00313	0.481704	0.887926	-1.12622	0.68522	0.934505	-1.07008	0.40363	1.15264	1.15264	0.427735	1.14407	1.14407	0.582655	0.91188	-1.09664	0.606434	0.917248	-1.09022	0.477398	1.12758	1.12758	0.443112	0.878115	-1.1388	0.493398	0.215902	0.388962	1
cg14775311	LMF1	0.843461	0.267648	0.548855	-1.82198	0.554803	0.733186	-1.36391	0.478548	0.683771	-1.45397	0.829709	0.894133	-1.1184	0.310344	0.579625	-1.72525	0.47796	0.687416	-1.45472	0.45844	0.675548	1.48028	0.234117	0.523083	-1.91174	0.930419	1.06442	1.06442	0.493389	2.10917	3.79988	1
cg11440940	MNRNPM;HNRNPM	0.843472	0.54878	1.15257	1.15257	0.393456	1.84157	1.84157	0.926201	0.971696	-1.02913	0.718271	1.08849	1.08849	0.601313	1.13132	1.13132	0.975357	1.37544	1.37544	0.145074	1.05495	1.05495	0.882836	1.13271	0.614832	0.888035	-1.12608	0.493379	0.428005	0.777111	1.38501	1
cg11356398	BNIP3	0.843526	0.758381	0.850531	-1.17574	0.418639	0.670892	-1.49055	0.862293	1.08747	1.08747	0.39871	0.658824	-1.51786	0.362615	0.636404	1.57133	0.295274	0.59202	-1.68913	0.740879	0.851906	-1.17384	0.927578	1.04489	1.04489	0.22523	0.540551	-1.84996	0.493299	1.82244	3.28391	1
cg07774293	TCEA2;TCEA2;TCEA2	0.843527	0.844367	1.13659	1.13659	0.259733	2.15085	2.15085	0.800531	1.1793	1.1793	0.584465	1.43297	1.43297	0.912451	1.06619	1.06619	0.357793	0.540079	-1.85158	0.653293	1.36512	1.36512	0.459145	1.61396	1.61396	0.3416	1.89336	1.89336	0.493298	3.31538	5.97408	1
cg01932180	LYRM4;LYRM4	0.843539	0.370385	1.43543	1.43543	0.163116	1.70766	1.70766	0.874642	0.946402	-1.05637	0.395157	1.29517	1.29517	0.813972	0.908508	1.10064	0.469413	0.82883	-1.20673	0.586183	0.783538	1.18741	1.18741	0.792404	1.08799	1.08799	0.683079	-1.40526	0.493278	3.91037	7.04647	1
cg20677962	NCRNA00115;LOC643837	0.84354	0.89738	0.95139	-1.05109	0.994278	0.997234	-1.00277	0.575139	1.24446	1.24446	0.336805	1.46587	1.46587	0.239917	1.60838	1.60838	0.229195	1.62793	1.62793	0.989816	0.995083	-1.00494	0.896908	0.95117	-1.05134	0.861652	0.934854	-1.06969	0.493279	1.1652	2.09969	1
cg19131667	TBC1D5;TBC1D5;TBC1D5	0.843545	0.577334	0.610672	-1.63754	0.316127	0.458338	-2.18208	0.355055	0.470701	-2.12484	0.349338	1.41055	1.41055	0.270239	1.2923	1.2923	0.508582	0.774996	1.29055	0.532182	0.527961	1.89482	0.274712	0.407883	-2.45111	0.998983	1.00839	1.00839	0.493276	5.59823	10.7027	1
cg06139021	SIRT5;SIRT5;SIRT5	0.843547	0.67386	1.09661	1.09661	0.430454	1.19165	1.19165	0.187525	1.35571	1.35571	0.542074	1.14393	1.14393	0.947583	0.985777	1.01443	0.909597	1.02506	1.02506	0.626062	0.898783	-1.12164	0.604158	0.871548	1.1787	1.1787	0.493274	0.370855	0.668287	1
cg21959316	CTB5;CTB5	0.843554	0.491348	1.20397	1.20397	0.389599	0.791251	-1.26382	0.796362	0.933627	-1.07109	0.918343	1.02761	1.02761	0.439733	1.23278	1.23278	0.294938	1.33437	1.33437	0.997032	0.999013	-1.00099	0.336196	1.30128	1.30128	0.86364	1.04671	1.04671	0.493258	0.55097	0.992889	1
cg15813673	ZBTB16;ZBTB16	0.843562	0.458411	2.0196	2.0196	0.137011	1.68548	1.68548	0.76355	0.907001	1.10242	0.24783	1.61842	1.61842	0.72209	1.24783	1.24783	0.146445	2.49687	2.49687	0.115023	0.664961	1.50403	0.743933	0.466661	2.14264	0.176337	5.66748	5.66748	0.493253	2.05916	3.41966	1
cg02269221	TRAF4	0.843599	0.459828	1.18278	1.18278	0.43121	1.19627	1.19627	0.27316	1.28568	1.28568	0.469125	1.17855	1.17855	0.496729	1.16641	1.16641	0.544488	1.14663	1.14663	0.455948	0.84419	-1.18457	0.743794	1.07475	1.07475	0.792245	0.942815	1.06065	0.493191	0.388666	0.700501	1
cg22978515	PPP1R13B	0.843608	0.472768	0.74587	-1.34072	0.343913	0.676079	-1.47912	0.683112	0.848072	-1.17915	0.715463	0.863303	-1.15834	0.199274	0.580106	-1.72382	0.416802	0.71664	-1.3954	0.991432	0.995698	-1.00432	0.381522	0.607427	-1.43384	0.320207	0.662063	-1.51043	0.493177	1.25912	2.26939	1
cg14488905	NR1;NR1;NR1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg07047197	INPP4A;INPP4A;INPP4A;INPP4A	0.844994	0.965076	0.970162	0.0298	1.179122	2.71867	2.718671	0.297417	2.13194	2.13194	0.658084	1.36512	1.365121	0.891065	0.908435	-1.10079	0.559969	1.51798	1.51798	0.84824	1.14369	1.14369	0.619127	1.4251	1.4251	0.563073	0.663829	-1.50641	0.491125	3.82016	6.91412	1
cg10222674	AIAP1;AIAP1	0.844994	0.345521	1.6827	1.6827	0.512073	0.700347	-1.42786	0.732281	1.20977	1.209777	0.526902	1.40976	1.409776	0.927371	0.952555	-1.04981	0.758528	0.847751	-1.17959	0.428239	1.54223	1.54223	0.450702	1.50932	1.50932	0.296598	1.78548	1.78548	0.401125	2.23181	4.03936	1
cg09057050	CMTM3;CMTM3;CMTM3;CMTM3;CMTM3	0.845004	0.612141	0.854768	-1.16991	0.393883	0.764488	-1.30739	0.548496	0.82999	-1.20483	0.319416	0.729209	-1.37135	0.991953	1.0031	1.0031	0.648259	0.868532	-1.15138	0.800681	0.952595	-1.08074	0.641848	1.15461	1.15461	0.317971	1.37273	1.37273	0.49111	0.732675	1.32611	1
cg24123106	FABP7	0.845001	0.51594	0.567409	1.7624	0.84983	0.849535	-1.17711	0.94396	1.06235	1.062351	0.868167	1.15364	1.153644	0.398665	0.475497	-2.10306	0.280168	0.380679	-2.62689	0.676302	0.696983	-1.43475	0.353395	1.24002	1.24002	0.4911	0.575668	1.40196	0.416796	2.04201	3.48521	1
cg02625641	ADAM10	0.845021	0.868346	1.02857	1.02857	0.425244	1.14828	1.148278	0.168219	1.2832	1.2832	0.808023	0.9596917	-1.042	0.40605	1.15528	1.15528	0.585966	0.910833	-1.0979	0.927533	1.01557	1.01557	0.954958	0.990455	-1.00964	0.779778	0.953517	-1.04875	0.491085	0.5.24265	0.405931	1
cg19155557	CTNNB1;CTNNB1;CTNNB1	0.845027	0.768441	0.868093	-1.15195	0.364328	0.639786	-1.56302	0.587405	0.760139	-1.30016	0.684248	0.822101	-1.2164	0.30456	0.608045	-1.66432	0.568571	1.31797	1.31797	0.920913	1.04873	1.04873	0.515919	1.37108	1.37108	0.491247	1.39789	1.39789	0.491076	1.78532	3.23158	1
cg14226212	MUSK;MUSK;MUSK	0.845032	0.379043	0.541908	-1.84533	0.669888	1.33793	1.33793	0.395943	0.554229	-1.80431	0.56296	0.672314	-1.4874	0.247011	0.439656	-2.27451	0.43798	0.584444	-1.71103	0.429072	0.578085	-1.72985	0.817637	0.854874	-1.16976	0.789435	1.19926	1.19926	0.491069	3.58445	6.44824	1
cg02718200	HLA-B	0.845034	0.171317	0.642729	-1.55912	0.878038	0.94802	-1.05483	0.996821	1.0006	1.0006	0.760581	0.899127	-1.11215	0.402757	0.74256	-1.34669	0.882399	0.949847	-1.05267	0.764314	0.900755	-1.11018	0.912786	1.24559	1.24559	0.505474	1.26475	1.26475	0.491066	0.9197963	1.70108	1
cg09123693	PTPRN2;PTPRN2;PTPRN2	0.845035	0.559736	0.620216	-1.66109	0.673172	3.501	3.501	0.476278	1.86493	1.86493	0.892957	2.994224	2.994224	0.754622	0.754521	-1.39954	0.759385	0.767711	-1.30257	0.760799	0.722417	-1.38424	0.604364	0.637781	-1.56794	0.703271	0.777323	0.772643	-1.29447	0.491064	0.75835	0.10423	1
cg00738481	CPNE7;CPNE7	0.845063	0.919477	1.0384	1.0384	0.999389	0.999715	-1.00029	0.522246	1.27339	1.27339	0.55605	1.24844	1.24844	0.189585	0.59583	-1.67833	0.696715	1.15715	1.15715	0.652628	1.18394	1.18394	0.794963	0.907512	-1.10191	0.413563	1.36546	1.36546	0.491023	1.07993	1.95407	1
cg14229317	AP3D1;AP3D1	0.845073	0.520915	0.862264	-1.15981	0.710954	0.724245	-1.38002	0.357283	0.940501	-1.06101	0.507324	0.732325	1.07804	0.102775	0.755453	-1.32375	0.229123	0.339299	-2.94799	0.132679	1.25742	1.25742	0.743906	0.792111	-1.26227	0.481784	1.03747	1.03747	0.491008	0.403367	0.73023	1
cg23795460	DDX23	0.845074	0.93117	0.985132	-1.01509	0.417621	1.15445	1.15445	0.816201	0.960433	-1.04124	0.518471	1.1202	1.1202	0.586258	1.09998	1.09998	0.756251	1.05547	1.05547	0.479369	0.882778	-1.13279	0.245948	1.23418	1.23418	0.37646	1.17043	1.41006	0.233804	0.423266	1
cg25706373	PKAPK2	0.845081	0.885717	1.04071	1.04071	0.770092	1.0847	1.0847	0.787709	1.07776	1.07776	0.187587	0.678777	-1.47324	0.552205	1.18158	1.18158	0.338105	1.31517	1.31517	0.777196	0.924308	-1.08189	0.924509	0.974048	-1.02664	0.629416	1.14442	1.14442	0.490997	0.598574	1.08364	1
cg16576083	KIAA0240;KIAA0284	0.845087	0.518574	0.612933	-1.6315	0.769333	1.24601	1.24601	0.470962	1.7307	1.7307	0.561583	1.55117	1.55117	0.959744	1.03828	1.03828	0.903985	0.917507	-1.08991	0.583655	0.661017	-1.51282	0.661017	0.902487	1.05036	0.737926	0.874987	1.35036	0.737926	0.491064	0.74508	1.48644	1
cg26947583	KIAA0247	0.845105	0.76715	0.844318	-1.13796	0.575381	1.3553	1.3553	0.822408	1.54227	1.54227	0.281603	0.548181	1.4242	0.321432	0.583571	-1.71458	0.744508	-1.34031	0.850327	1.10681	1.10681	0.72638	0.828801	-1.20773	0.642995	0.778211	1.285	0.40496	2.24046	4.06289	1
cg12968077	PSMD1	0.845108	0.951595	0.989715	-1.01039	0.331285	0.843065	-1.18615	0.593491	0.912312	-1.09611	0.302316	1.19959	1.19959	0.464557	1.13515	1.13515	0.727064	0.94207	-1.06149	0.601747	0.914228	-1.09382	0.754811	1.0548	1.0548	0.62407	1.08776	1.08776	0.490956	0.225518	0.408307	1
cg18562758	SUCLA2	0.845111	0.280849	0.545623	-1.83273	0.735708	0.832679	-1.20094	0.914461	1.09979	1.09979	0.505349	0.691987	-1.44599	?	?	?	0.348451	0.593499	-1.68492	0.319384	0.587247	-1.70286	0.894995	1.07398	1.07398	0.704439	1.22873	1.22873	0.4272769	1.94424	4.11345	1
cg01589398	CYFIP2;CYFIP2;CYFIP2	0.845146	0.406811	0.563359	-1.77507	0.582495	0.686979	-1.45965	0.504974	1.58007	1.58007	0.8031494	1.58395	1.58395	0.380902	0.550468	-1.81664	0.609594	0.705904	-1.41662	0.258429	0.605021	-1.65275	0.457804	0.599726	-1.66743	0.973271	0.977971	-1.02253	0.4609	3.55531	6.43772	1
cg16360444	ITGA7;ITGA7;ITGA7	0.845153	0.394446	0.689962	-1.44936	0.400676	1.44198	1.44198	0.703783	0.849985	-1.17649	0.70542	0.850795	-1.17537	0.823983	0.909569	-1.09942	0.530947	0.763342	-1.31003	0.68445	1.18087	1.18087	0.331993	0.653222	-1.53087	0.505545	1.33301	1.33301	0.490889	1.40747	2.5486	1
cg18891090	ARHGEF1	0.845161	0.843664	1.09733	1.09733	0.930541	0.829379	-1.58893	0.522802	0.737366	-1.35618	0.499025	1.38103	1.38103	0.741304	1.16864	1.16864	0.64262	1.24586	1.24586	0.768054	1.14927	1.14927	0.514423	0.731034	-1.36793	0.314825	0.61327	-1.6306	0.490877	1.7204	3.11534	1
cg23980294	C4orf41;RWDD4A;C4orf41	0.845162	0.602721	0.909381	-1.09965	0.258084	1.23797	1.23797	0.887038	0.974616	-1.02604	0.912195	1.02015	1.02015	0.958951	1.00935	1.00935	0.895832	1.02398	1.02398	0.362023	0.844101	-1.18469	0.893342	0.976026	-1.02456	0.299683	1.21461	1.21461	0.490876	0.254394	0.460662	1
cg01377096	BHLHE22	0.845178	0.968514	0.985743	-1.01446	0.629752	1.3079	1.3079	0.718944	1.12842	1.12842	0.827569	1.07809	1.07809	0.779619	0.858982	-1.16479	0.906083	0.95797	-1.04387	0.115214	0.936082	-1.06839	0.79758	0.897864	-1.11375	0.556163	1.2418	1.2418	0.490853	1.08093	1.86331	1
cg22658985	DCAF12;DCAF12	0.845184	0.875219	1.0311	1.0311	0.401682	1.18207	1.18207	0.552523	1.12423	1.12423	0.428068	0.854128	-1.17079	0.86852	1.03281	1.03281	0.841108	0.961638	-1.03989	0.785939	0.948331	-1.05448	0.652194	1.09245	1.09245	0.19136	1.30941	1.30941	0.490843	0.295232	0.534649	1
cg02856952	SH2B3	0.845186	0.246278	1.49677	1.49677	0.278095	1.45521	1.45521	0.254113	1.48603	1.48603	0.705747	1.13448	1.13448	0.684286	1.14619	1.14619	0.509737	1.24911	1.24911	0.463505	1.28171	1.28171	0.98619	1.00577	1.00577	0.898639	0.958497	-1.0433	0.490824	0.86007	1.55755	1
cg05575733	NXN	0.845188	0.277872	0.622642	-1.60926	0.344976	1.664715	1.664715	0.304742	0.892739	1.12017	0.54002	0.705842	-1.41755	0.583256	0.715691	-1.39735	0.729775	-1.2598	0.54002	0.768844	1.42662	1.42662	0.256698	1.25698	1.25698	0.831315	1.04689	1.04689	0.957218	1.02278	1.02278	0.490818	1.3704	2.48176	1
cg08540215	ABP1	0.845206	0.703761	0.89474	-1.11764	0.953032	0.0173	1.0173	0.418247	0.785987	-1.27228	0.489745	0.815242	-1.22663	0.520384	0.827221	-1.20887	0.674899	1.13067	1.13067	0.729878	1.10618	1.10618	0.760742	0.914923	-1.09299	0.15666	0.643352	-1.55436	0.490811	0.65885	1.19322	1
cg01556611	DHX33	0.845209	0.210662	0.731067	1.36786	0.766849	1.01315	1.01315	0.998444	1.00506	1.00005	0.83154	1.05065	1.05065	0.523856	1.27378	1.27378	0.666627	1.1041	1.1041	0.963791	1.01147	1.01147	0.533655	1.12078	1.12078	0.441791	1.20475	1.20475	0.490806	0.438445	0.790458	1
cg14628993	SH3GL2	0.845222	0.31626	1.30263	1.30263	0.545527	0.753562	-1.32703	0.73061	1.11734	1.11734	0.384284	1.51072	1.51072	0.497632	1.37922	1.37922	0.368118	1.53351	1.53351	0.332187	1.58834	1.58834	0.52664	1.55634	1.55634	0.852859	0.917712	-1.08967	0.490786	1.6627	3.0114	1
cg23037798	HNRNPL;HNRNPL;HNRNPL;HNRNPR	0.845224	0.50156	0.828809	-1.20655	0.467246	1.12585	1.12585	0.462812	1.22843	1.22843	0.642559	0.879269	-1.13731	0.428813	0.806033	-1.24901	0.724473	0.907172	-1.10233	0.393849	1.27179	1.27179	0.556949	0.849138	-1.17766	0.811877	1.06784	1.06784	0.490784	0.589023	1.06682	1
cg08301032	TRIM16L	0.845241	0.960812	0.98231	1.00231	0.809446	0.973543	-1.02659	0.827801	0.974403	-1.02603	0.827366	0.974403	-1.02659	0.827801	0.974403	-1.02603	0.924802	1.08307	1.08307	0.609759	0.608321	1.64885	0.609759	0.608321	1.64121	0.469759	0.130532	1.65243	0.491064	0.162453	0.562443	1
cg08353536	SELV	0.845252	0.610894	0.54314	-1.84215	0.942116	0.08913	1.08913	0.973655	1.04001	1.04001	0.93849	1.09603	1.09603	?	?	?	0.988899	1.01667	1.01667	0.112911	0.125297	-7.98105	0.970906	0.957596	-1.04428	0.695388	0.626346	-1.59656	0.468174	9.10665	17.02	1
cg27657473	INCA1;INCA1;INCA1;KIF1C	0.845254	0.622434	0.7242	1.38105	0.724245	0.989965	1.11113	0.790465	1.08553	1.07016	0.758932	1.81258	1.32065	0.421966	0.864439	-1.15682	0.764645	0.948407	1.05453	0.640564	0.922208	-1.08435	0.877006	0.972869	-1.02788	0.22621	1.21524	1.21524	0.490749	0.624124	1.09497	1
cg06054963	CCDC85B;CCDC85B	0.845266	0.755146	1.27931	1.27931	0.766732	1.26394	1.26394	0.559019	0.627982	-1.5924	0.535946	1.63807	1.63807	0.447164	1.8405	1.8405	0.194724	2.94483	2.94483	?	?	?	0.812706	2.05049	1.20549	0.457173	1.81518	1.81518	0.472535	1.42423	8.72788	1
cg07748847	GRIN2B	0.845282	0.737149	0.781942	-1.27887	0.563012	0.65101	-1.53608	0.27025	0.432466	-2.31232	0.963445	0.9670888	-1.03403	0.588273	0.670921	-1.49049	0.167424	0.341447	-2.92871	0.885394	1.11106	1.11106	0.780502	1.22629	1.22629	0.806802	1.19592	1.19592	0.490698	4.14387	7.50654	1
cg08672602	GMIP	0.845287	0.789812	1.14104	1.14104	0.920952	1.3079	1.43521	0.145521	0.857969	1.0411	0.945211	1.0411	1.0411	0.960994	0.942268	1.06111	0.756419	1.32207	1.32207	0.179619	0.872899	1.14577	0.794454	1.26269	1.26269	0.662127	1.08961	1.08961	0.490691	0.403107	0.73923	1
cg02381767	CDH18;CDH18	0.845293	0.824254	1.12923	1.12923	0.384228	1.62828	1.62828	0.669103	0.790627	-1.26482	0.280352	0.541621	-1.84631	0.630464	1.30326	1.30326	0.846813	0.899707	-1.11147	0.526568	0.70425	-1.41995	0.916933	0.944586	-1.05866	0.345965	0.588392	-1.69955	0.490682	2.32048	4.20363	1
cg11766498	SH3BGR;ICA1L	0.845301	0.841366	1.08207	1.08207	0.796229	1.39774	1.39774	0.732764	0.861354	1.16096	0.560889	1.89384	1.89384	0.313	1.5113	1.5113	0.732527	1.54023	1.54023	0.351778	0.653676	-1.53003	0.864669	0.941299	1.06204	0.731398	0.853948	-1.17103	0.864669	1.41299	0.55976	1
cg14399851	HLF;HLF	0.845304	0.287541	1.38772	1.38772	0.425032	1.27345	1.27345	0.401044	1.29053	1.29053	0.953303	1.01753	1.01753	0.66756	0.879667	1.13679	0.498325	2.2627	1.22627	0.834771	0.933904	-1.06394	0.432024	0.788246	-1.26864	0.989615	0.996145	1.00387	0.490665	0.684217	1.23953	1
cg02842197	DERL2;MIS12	0.845309	0.473668	2.76862	2.76862	?	?	?	?	?	?	?	?	?	?	?	?	0.918413	0.867336	-1.15296	0.311062	4.3655	4.3655	?	?	?	0.834398	0.747573	-1.33766	0.381356	6.16496	19.399	1
cg21782168	CAMTA1	0.845326	0.323197	1.49284	1.49284	0.683494	1.31621	1.31621	0.756353	1.23198	1.23198	0.529476	0.861354	1.16096	0.560889	1.89384	1.89384	0.262731	1.54023	1.54023	0.351778	0.653676	-1.53003	0.864669	0.941299	1.06204	0.731398	0.853948	-1.17103	0.864669	1.41299	0.55976	1
cg00291159	C10orf35	0.845334	0.92109	0.985181	-1.01504	0.504798	0.903049	-1.10736	0.293012	0.848427	-1.17865	0.277318	1.18559	1.18559	0.446709	0.889706	-1.12397	0.869274	1.02513	1.02513	0.663547	0.934198	-1.07045	0.761975	1.04684	1.04684	0.990668	0.998239	-1.00176	0.49062	0.176421	0.319634	1
cg00546621	SH3BP4	0.845343	0.383631	1.30263	1.30263	0.541507	0.753562	-1.32703	0.73061	1.11734	1.11734	0.384284	1.51072	1.51072	0.497632	1.37922	1.37922	0.651964	1.39206	1.39206	0.341805	0.5167	1.93579	1.93579	1.04689	0.957218	1.02278	1.02278	0.490619	1.3704	2.48176	1
cg04538517	C3orf36	0.845355	0.565994	1.42741	1.42741	0.45046	1.60261	1.60261	0.213398	2.23369	2.23369	0.978241	0.983412	-1.01687	0.41555	1.66599	1.66599	0.79551	1.17269	1.17269	0.272586	2.01456	2.01456	0.479713	1.55377	1.55377	0.785219	0.845735	-1.1824	0.490589	2.92302	5.29616	1
cg10799208	TTY10	0.845357	0.389443	0.54585	1.83185	?	?	?	?	0.976212	-2.65483	?	?	?	?	?	?	0.328245	0.5638	1.77384	0.501082	0.50378	1.98407	0.853436	-1.16938	0.432214	0.855876	-1.16839	0.415534	1.52688	34.9838	1
cg13789711	PHPT1;PHPT1	0.845374	0.7211	0.94257	-1.06093	0.60879	0.915354	-1.0889	0.984766	1.00824	1.00824	0.65428	0.942442	-1.07707	0.10924	0.554424	1.80277	0.979367	0.995742	-1.00428	0.145224	0.772527	-1.29445	0.542028	1.10721	1.10721	0.501687	1.11631	0.40561	2.46511	0.215213	0.383259	1
cg13977355	C9orf167	0.845379	0.371251	0.763332	-1.31005	0.781342	0.92141	-1.08529	0.637379	0.86965	-1.14989	0.680131	0.885195	-1.12969	0.950531	1.01842	1.01842	0.666365	0.880212	-1.13609	0.328807	0.744336	-1.34511	0.252564	1.42127	1.42127	0.670026	0.881539	-1.13438	0.490553	0.672161	1.21815	1
cg01124186	HDX	0.845393	0.852084	1.03005	1.03005	0.750357	0.9705	-1.03233	0.564803	0.96462	-1.03624	0.565057	0.596184	1.45641	1.45641	0.68139	1.46673	0.844295	1.08307	1.08307	0.609759	0.608321	1.64885	0.609759	0.608321	1.64121	0.469759	0.130532	1.65243	0.491064	0.162453	0.562443	1
cg00186694	ETS2	0.845405	0.797581	1.19001	1.19001	0.160557	0.75827	-1.75827	0.887267	1.16077	1.16077	0.775365	0.823937	-1.21368	0.407398	0.60833	-1.64384	0.790708	1.19726	1.19726	0.670478	1.33603	1.33603	0.757802	1.23289	1.23289	0.484476	0.618237	-1.6175	0.490515	3.55919	6.4498	1
cg22718794	SIRT3;PSMD13;SIRT3;PSMD13	0.845406	0.780886	0.916106	-1.06816	0.802952	0.949395	1.05265	0.189021	1.38963	1.38963	0.567113	1.13843	1.13843	0.132625	1.26949	1.26949	0.516461	1.1681	1.16831	0.509016	1.17532	1.17532	0.536105	1.16229	1.16229	0.503814	1.17536	1.17536	0.490514	0.434375	0.794355	1
cg00162206	TTL;TTL	0.845429	0.410228	0.73965	-1.35199	0.371283	1.38924	1.38924	0.417668	1.15458	1.15458	0.609714	1.20246	1.20246	0.728478	1.13293	1.13293	0.702364	1.14825	1.14825	0.422221	1.34123	1.34123	0.527064	0.794932	-1.25797	0.445108	1.32149	1.32149	0.490448	0.996207	1.80541	1
cg18398570	SC22A23;SLC22A23	0.845445	0.486878	0.796852	-1.25494	0.824105	0.74168	1.07418	0.74131	1.21868	1.21868	0.285505	1.42844	1.42844	0.418432	1.30727	1.30727	0.748451	0.901742	-1.10896	0.281939	1.43253	1.43253	0.819998	1.07602	1.07602	0.701884	1.1316	1.1316	0.490456	0.802672	1.45474	1
cg02585595	LOC401463	0.845468	0.520289	0.800103	-1.24971	0.708466	0.838228	1.65211	0.12701	0.712783	0.880956	1.23636	0.838271	1.23636	0.849419	1.15043	1.15043	0.37561	1.59186	1.59186	0.164939	0.435567	0.900796	-1.11013	0.419777	0.466633	0.899291	1.12315	1.12315	0.490421	0.75814	1.62873	1
cg06252530	C12orf49	0.845505	0.36574	0.456063	-2.19268	0.725142	0.742125	-1.34748	0.525649	1.72175	1.72175	0.928889	0.927361	-1.07833	0.350769	0.444239	-2.25104	0.290182	0.395559	-2.52807	0.382463	0.469206	-2.13126	0.928184	1.07914	1.07914	0.859183	1.16187	1.16187	0.490368	5.54351	10.0487	1
cg21940640	PHF21	0.845553	0.658598	0.685102	-1.45964	0.460297	0.526609	-1.89894	0.406988	2.06187	2.06187	0.631059	1.51101	1.51101	0.393942	0.474603	-2.10663	0.400134	0.486658	2.05486	0.354284	0.593995	-1.68352	0.616631	1.53817	1.53817	0.40833	0.65157	1.60264	1.60264	0.490354	0.102454	1
cg01036400	CABP2;CABP2	0.845532	0.647694	0.701696	-1.42512	0.888045	0.898886	-1.11249	0.810573	0.831315	-1.20291	0.461177	0.783757	-1.78357	0.417153	0.52734	-1.89631	0.845155	0.860341	-1.16233	0.151449	0.930824	-1.25919	0.987569	1.11496	1.11496	0.952343	1.04705	1.04705	0.490349	0.145195	0.273432	1
cg26913248	TWIST2	0.845544	0.739914	0.739152	-1.3529	0.616038	0.612093	-1.58204	0.121844	0.218396	-4.57884	0.623294	1.56699	1.56699	0.70021	0.709376	-1.4205	?	?	?	?	0.569803	0.593857	-1.68391	0.619055	0.634616	-1.57576	0.662415	0.671288	-1.48967	0.748535	1.33884	1.33884	0.490309	6.39179	11.5878	1
cg27341045	PYCDC;PYCDC	0.845556	0.962903	0.985152	-1.01503	0.728352	0.730314	-1.36928	0.313176	0.935327	-1.06802	?	?	?	?	?	?	0.824995	1.08307	1.08307	0.609759	0.608321	1.64885	0.609759	0.608321	1.64121	0.469759	0.130532	1.65243	0.491064	0.162453	0.562443	1
cg18604823	GAUP;GAUP	0.845567	0.845002	1.11944	1.11944	0.6806	0.742171	-1.3474	0.875404	1.09467	1.09467	0.484814	1.50562	1.50562	0.548747	0.704861	-1.41872	0.863451	0.905538	-1.10432	0.346272	0.571724	-1.74909	0.630149	0.756031	-1.3227	0.268888	1.94795	1.94795	0.490275	2.5801	4.67782	1
cg19774553	MGAT2;RPL36AL	0.845569	0.933191	0.971301	1.03011	0.466448	1.21848	1.21848	0.123374	0.904454	1.10459	0.210897	1.36696	1.36696	0.601584	1.31582	1.31582	0.756383	1.07814	1.07814	0.532284	0.749227	1.33435	1.33435	1.1912	0.839729	1.19158	1.16523	0.615729	1.29358	1.29358	0.490292	0.623837	1.09212	1
cg11771402	NUFIP2	0.845586	0.591571	0.862052	-1.16002	0.630943	0.87577	-1.14185	0.2997	1.34252	1.34252	0.640108	0.866448	-1.15414	0.399299	0.789402	-1.26678	0.733395	0.910559	-1.09823	0.813441	0.937266	-1.06693	0.516927	0.835203	-1.19731	0.44583	1.23736	1.23736	0.490247	0.583159	1.05735	1
cg16314369	MLF1IP	0.845599	0.725137	0.947757	-1.05512	0.734779	0.949628	-1.05304	0.883138	1.02261	1.02261	0.491304	1.1121	1.1121	0.156122	1.25918	1.25918	0.869644	0.975344	-1.02528	0.610569	0.924903	-1.08119	0.687893	0.940465	-1.0633	0.59051	1.08607	1.08607	0.490228	0.17918	0.325254	1
cg08804944	PBX1	0.845605	0.957615	0.990256	-1.00974	0.845241	1.07374	1.07374	0.825423	1.02937	1.02937	0.881385	0.933564	1.07068	1.07068	0.802776	1.24572	0.849933	1.1832	1.1832	0.375729	1.35443	1.35443	0.732155	0.882302	-1.1334	0.338839	0.698136	-1.43209	0.490225	1.03145	1.87024	1
cg17887588	C10orf128	0.845611	0.311688	0.457504	-2.18577	0.239199	0.398157	-2.51157	0.537031	0.626869	-1.59523	0.231089	0.391194	-2.55628	0.475332	0.58138	-1.72004	0.651668	0.712099	-1.4043	0.756159	0.792653	-1.26159	0.877702	0.89132	-1.12193	0.842701	1.16003	1.16003	0.490209	4.33385	7.8585	1
cg21852503	TRIT1	0.845626	0.417985	1.39704	1.39704	0.301626	1.41374	1.41374	0.243228	1.48448	1.48448	0.846255	0.939127	-1.06483	0.832375	0.937708	-1.06629	0.752974	0.902898	-1.10764	0.402115	0.742729	1.34655	1.34655	0.922158	0.933572	1.07117	0.636354	1.16659	1.16659	0.490202	0.812629	1.47355	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	S(Test)	S(Error)	F(Error)
cg25398461	TBC1	0.846524	0.806547	1.33979	1.33979	1.392566	0.618744	-1.56557	0.483667	0.69469	-1.43949	0.581115	0.32799	1.32799	0.508534	0.710058	-1.40834	0.936588	1.04156	1.04156	0.849358	1.10221	1.10221	0.597502	1.38766	1.38766	0.29203	1.7498	0.4888454	2.02783	3.68722	1
cg07713946	LIMK2;LIMK2 SEPT6;SEPT6;SEPT6;SEPT6;SEPT6;SEPT6	0.846526	0.294583	1.5333	1.5333	0.56668	1.25573	1.25573	0.6165553	1.21958	1.21958	0.4912417	0.3164	1.3164	0.67509	0.792716	-1.26149	0.46123	1.34304	1.34304	0.806208	1.10147	1.10147	0.332816	1.48113	1.48113	0.605496	0.814756	-1.22736	0.488551	1.19695	2.17643	1
cg06039729	;SEPT6;SEPT6	0.846548	0.465757	0.315291	-3.17167	0.969664	0.94258	-1.06092	0.853544	1.33289	1.33289	0.190197	0.64818	0.64818	0.88658	1.24848	1.24848	0.374121	0.242047	-4.13143	0.630598	2.12429	2.12429	0.924599	1.15858	1.15858	0.734834	0.58941	-1.69661	0.488818	18.7196	34.0405	1
cg01487013	WDR46;WDR46;WDR46;PFDN6;WDR46	0.846558	?	?	?	0.794665	0.867693	-1.15248	0.756389	0.844236	-1.1845	0.259413	0.5272	-1.89682	0.825369	0.886707	-1.12777	0.38108	1.63043	1.63043	0.603878	1.3295	1.3295	0.558327	0.724634	-1.38001	0.670299	1.26241	1.26241	0.4706	1.96149	4.16806	1
cg02920449	MIR940	0.846561	0.856896	0.930277	-1.07495	0.155679	1.83717	1.83717	0.395872	1.41642	1.41642	0.693819	1.17166	1.17166	0.727591	1.15029	1.15029	0.575888	1.25393	1.25393	0.535544	1.28558	1.28558	0.303486	1.53224	1.53224	0.53979	1.28215	1.28215	0.488799	1.24105	2.25687	1
cg14646437	HIPK3;HIPK3	0.846565	0.644494	1.13403	1.13403	0.852338	0.950811	-1.05173	0.748013	1.09117	1.09117	0.219518	1.4023	1.4023	0.963812	1.01235	1.01235	0.330852	1.31207	1.31207	0.653032	0.884708	-1.13032	0.876866	0.958896	-1.04287	0.417666	0.799154	-1.25102	0.488793	0.567266	1.01159	1
cg16363874	CCDC21	0.846574	0.522883	0.864834	-1.15629	0.218723	0.748184	-1.33657	0.900349	1.02849	1.02849	0.864534	1.01903	1.01903	0.459539	0.844609	-1.18398	0.455754	1.18573	1.18573	0.582947	1.1324	1.1324	0.730376	0.88793	1.08793	0.922303	1.02215	1.02215	0.488779	0.998332	0.708035	1
cg05418938	KIAA1967;KIAA1967	0.846576	0.857389	1.08074	1.08074	0.347536	1.51819	1.51819	0.262894	1.6551	1.6551	0.317121	1.56269	1.56269	0.763120	1.13937	1.13937	0.304621	1.58234	1.58234	0.301405	1.58755	1.58755	0.835768	1.09375	1.09375	0.837551	1.09266	1.09266	0.488776	1.44243	2.62321	1
cg09993780	LY6D;C	0.846577	0.512701	1.72934	1.72934	0.677171	1.91826	1.91826	-1.22022	0.738062	1.17856	1.17856	1.0352543	0.8149931	1.52799	1.32799	1.508534	0.374559	1.64385	1.64385	0.596292	1.47129	1.47129	0.70583	1.41677	1.41677	0.479754	0.71012	-1.40821	0.592638	0.773578	1.29269	0.488775	1.74937	3.18142	1
cg07548325	STON1-GTF2A1LSTON1	0.846578	0.671692	1.13449	1.13449	0.834021	1.06408	1.06408	0.528954	0.827953	-1.2078	0.315381	0.735446	-1.35972	0.203287	0.672001	-1.48809	0.747584	1.10029	1.10029	0.735939	1.10538	1.10538	0.825284	0.936654	-1.06763	0.767153	1.09187	1.09187	0.488774	0.678208	1.2334	1
cg11595155	ZNF570;ZNF570	0.846583	?	?	?	0.232629	0.697023	1.4415	0.502855	2.07596	2.07596	?	?	?	?	?	?	0.541527	0.632724	-1.58047	0.767475	0.802838	-1.24558	0.563321	1.54146	1.54146	0.959346	1.03847	1.03847	0.488754	0.24602	0.727216	1
cg25986105	SDR16C5;SDR16C5	0.846591	0.296016	0.448188	-2.2312	0.803847	0.831678	-1.20239	0.642546	1.41366	1.41366	0.460301	0.573068	-1.74499	0.254695	0.414447	-2.41286	0.317909	2.34285	2.32485	?	?	?	0.9236	1.08154	1.08154	0.655922	1.44264	1.44264	0.488197	3.68713	9.40181	1
cg16665064	MYO9A;SENP8;SENP8 RPAIN;RPAIN;RPAIN;

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cg00395063	ARHGEF12		0.424884	0.84775	0.197561	1.19761	0.634128	1.10303	0.103003	1.307922	0.20822	1.20822	0.689092	0.921249	0.108564										0.515273	0.14446	0.14446	0.485071	0.920227	0.108697	0.949394	1.13196	0.113196	0.516689	0.14393	0.486495	0.322296	0.588877	1
cg15167736	MUC21		0.848117	0.667505	0.33894	1.380394	0.580949	0.690405	0.144843	0.303028	0.486483	-2.05557	0.466417	1.64966	0.164906	0.99013	1.00839	1.00839							0.334172	1.95957	1.95957	0.961534	0.970909	1.02996	0.825664	0.861576	1.16066	0.48959	0.622472	1.6065	0.486485	3.51458	6.42173	1
cg09133386	EZF3		0.848117	0.575841	0.906868	-1.1027	0.769863	1.05205	1.05205	0.677044	1.07513	1.07513	0.89138	1.02337	1.02337	0.811103	1.04228	1.04228							0.768586	1.05235	1.05235	0.251177	0.812732	-1.23042	0.992093	1.00172	1.00172	0.23302	1.24145	1.24145	0.486484	0.230468	0.421104	1
cg07238189	ADAM21		0.848117	0.976822	0.980968	-1.01096	0.719234	-1.27064	-1.30326	0.20891	0.208911	0.208911	0.77664	-1.2077	0.907037	0.08059	1.08059	1.08059							0.310174	0.498638	-2.00256	0.682276	1.13402	1.31402	0.737115	0.796688	-1.25049	0.339011	1.92302	2.92302	0.486484	3.39195	6.19766	1
cg05237543	MTDH ZDHHC16;EXOSC1;ZDHHC16;ZDHHC16;		0.848118	0.495638	0.81442	1.184042	0.990479	0.989777	-1.01033	0.293934	0.55342	2.55342	0.412303	2.05818	2.05818	0.54526	0.433267	-2.30805							0.911025	1.10104	1.10104	0.516359	0.567438	-1.76231	0.998867	1.00122	1.00122	0.845129	1.18342	1.18342	0.486483	5.71328	10.4391	1
cg06296107	ZDHHC16;ZDHHC16		0.848121	0.754983	1.17517	1.17517	0.463656	1.46902	1.46902	0.984841	0.990252	-1.00984	0.719474	1.20437	1.20437	0.452731	0.674077	-1.48351							0.981024	0.987812	-1.01234	0.742587	0.843725	-1.18522	0.232645	1.90663	1.90663	0.329025	1.68104	1.68104	0.486478	2.04828	3.7426	1
cg02374964	KCNJ10		0.848122	0.485312	0.755352	-1.02193	0.390519	1.41391	1.41391	0.174137	0.566055	-1.76661	0.999208	1.00039	1.00039	0.766834	0.889527	-1.12419							0.780218	1.11641	1.11641	0.597649	0.830854	-1.23227	0.679019	0.849904	-1.17798	0.857158	0.991531	-1.0735	0.486432	1.19384	2.18158	1
cg00651829	RTDR1;GNAZ		0.848162	0.875242	1.05317	2.284258	0.929957	-1.44309	0.532123	1.23197	-2.49805	0.001905	0.797397	-1.25408	0.914876	1.03447	1.03447								0.360274	0.733555	-1.3636	0.84306	1.60754	1.06754	0.434876	1.30045	1.30045	0.796568	0.918345	-1.08891	0.486418	0.837558	1.53061	1
cg06381133	FBS3;PRICKLE4		0.84817	0.717351	1.08428	1.08428	0.99262	1.00206	1.00206	0.378737	1.22263	1.22263	0.379783	0.818285	-1.22207	0.790081	0.942342	-1.06119							0.242195	0.761511	-1.31318	0.994659	0.998511	-1.00149	0.538977	1.14849	1.14849	0.976184	0.993377	-1.00667	0.486405	0.381662	0.697474	1
cg05112643	C17orf57		0.848203	0.618248	0.777115	1.286697	0.913331	1.08467	1.08467	0.189173	1.57216	1.57216	0.771284	0.880942	1.13595	0.669151	0.842604	-1.18677							0.891754	1.07297	1.07297	0.842424	1.03807	1.03807	0.866707	0.934809	-1.06975	0.430727	0.659673	1.5159	0.486358	2.06098	3.76574	1
cg12968987	ANKRD55		0.848214	0.679041	1.15994	1.15994	0.373559	0.722009	-1.38502	0.942769	1.02593	1.02593	0.743661	0.885762	-1.12897	0.72567	0.881949	-1.13385							0.482896	1.33424	1.33424	0.734749	1.12892	1.12892	0.525017	0.794784	-1.2582	0.249728	0.651198	-1.53563	0.48634	0.9794	1.79006	1
cg13574657	PTPRN2;PTPRN2		0.848237	0.66637	1.39889	1.39889	0.279854	2.38549	2.38549	0.388243	1.98828	1.98828	0.413305	1.91031	1.91031	0.52052	1.65542	1.65542							0.50726	1.68319	1.68319	0.170359	1.09574	1.09574	0.797494	1.54242	1.54242	0.583424	1.5351	1.5351	0.486335	4.61286	8.43158	1
cg17317690	FAM20C		0.848303	?	?	?	0.555323	1.0112	1.0112	0.2264	2.15244	2.15244	0.2264	?	?	?	?	?							0.720778	1.51057	1.51057	0.31209	3.36967	3.36967	0.900317	1.1547	1.1547	0.482933	2.27748	2.27748	0.410933	5.44194	13.2429	1
cg04890349	MPRIP;MPRIP		0.848304	0.583555	0.782004	-1.27877	0.338551	1.54972	1.54972	0.201386	1.82078	1.82079	0.709307	1.18096	1.18096	0.841831	1.0928	1.0928							0.765152	1.14232	1.14232	0.711036	1.17972	1.17972	0.802946	0.894891	-1.11745	0.538798	0.758509	-1.31838	0.486205	1.51912	2.77728	1
cg16133638	CEP68 TSPAN4;TSPAN4;TSPAN4;TSPAN4;TSPA N4;TSPAN4;PQLR1;TSPAN4;TSPAN4;TS		0.848352	0.923873	1.1639	1.1639	0.740477	1.69634	1.69634	0.961758	1.07911	1.07911	0.386383	0.241089	-4.14784	0.688062	1.9004	1.9004							0.858799	1.32692	1.32692	0.228541	1.70762	1.70762	?	?	?	0.496202	3.01353	3.01353	0.458031	15.4835	25.3534	1
cg13268919	PAN4		0.848403	?	?	?	0.691258	0.664755	-1.50431	0.334629	0.35992	-2.7784	0.89817	0.877328	-1.13982	0.783462	1.32534	1.32534							0.809635	1.27986	1.27986	0.35796	0.63895	0.21895	0.3705	0.389159	-2.56964	0.836878	1.23462	1.23462	0.463391	6.67192	12.5983	1
cg21292905	EIF3E		0.848409	0.227718	0.769421	-1.29968	0.881558	0.969608	-1.03134	0.616246	0.900683	-1.11027	0.830265	0.956535	-1.04544	0.995404	0.998808	-1.00119							0.312976	0.805701	-1.24116	0.451594	0.853198	-1.17206	0.965764	1.00892	1.00892	0.436175	1.17874	1.17874	0.486048	0.32987	0.603268	1
cg22929235	AMN1;AMN1		0.848441	0.330037	0.782003	-1.27885	0.408507	1.28208	1.28208	0.816003	1.05869	1.05869	0.764728	0.959297	-1.04216	0.924007	1.17113	1.17113							0.615671	1.13183	1.13183	0.852801	0.968269	-1.03277	0.932808	0.783185	-1.27684	0.713362	1.09447	1.09447	0.486048	0.460818	0.842748	1
cg24402773	PARP6;PURG;WRN		0.848426	0.316984	1.39168	1.39168	0.641283	0.86078	-1.16174	0.570539	0.832633	-1.20101	0.993277	0.997312	-1.00273	0.801653	0.922726	-1.08375							0.86293	1.05676	1.05676	0.962086	0.948427	-1.0153	0.823993	0.932193	1.03121	1.03121	0.962086	0.948427	-1.0153	0.823993	0.785781	1.43712	1
cg03572277	ACCN1		0.848433	0.499246	0.815551	-1.22615	0.615709	1.03594	1.03594	0.732132	1.14243	1.14243	0.807759	0.977302	-1.02307	0.741287	0.903684	-1.10705							0.527435	0.953619	-1.04879	0.717414	0.842366	-1.18722	0.719099	0.977994	-1.02273	0.719099	0.842366	-1.18722	0.719099	0.842366	-1.18722	0.719099	0.842366	-1.18722

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(1 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg26039954	SPEN	0.849699	0.716332	1.17905	0.173688	0.930659	0.104559	-1.07451	0.896837	0.940091	-1.06034	0.551942	0.312236	1.31236	0.423453	1.44669	1.44669	0.177437	1.91064	1.91064	0.251755	1.71741	1.71741	0.828889	1.1027	1.1027	0.62616	1.24826	0.484125	1.56434	2.87225	1
cg15400238	RPRM	0.849736	0.607941	0.881987	-1.1338	?	?	?	0.803299	0.108368	0.81993	0.193521	0.133507	0.284255	0.914767	-1.09317	0.475782	1.263	1.263	0.16261	0.618791	-1.61605	0.722925	0.891697	-1.12146	0.817259	1.0794	1.0794	0.465824	0.679921	1.45961	1
cg24666733	PPP1R7;PASK	0.849743	0.739911	1.4907	1.4907	0.758109	1.44817	1.44817	0.293686	3.68889	3.68889	0.832576	1.28878	1.28878	0.451437	2.50789	2.50789	0.904829	0.866458	-1.15412	0.905131	0.866855	-1.1536	0.949869	0.315625	-3.16832	0.404833	0.36008	-2.77716	0.48406	11.0102	20.2182	1
cg19130301	NARFL	0.849774	0.524283	0.873192	-1.14522	0.978827	0.994439	-1.00559	0.840446	0.958526	-1.04327	0.358939	0.820188	-1.21923	0.144357	0.719276	-1.39029	0.83531	0.972155	-1.02861	0.297941	0.793134	-1.25449	0.857899	0.963039	-1.03838	0.725846	0.928601	-1.07678	0.484013	0.338497	0.621648	1
cg26552789	TRAM2	0.849779	0.637964	1.17468	1.17468	0.386424	0.739634	-1.35202	0.636427	1.17556	1.17556	0.531504	0.806301	-1.24023	0.30568	0.697479	-1.43374	0.374751	0.733835	-1.3627	0.611346	0.840231	-1.19015	0.419167	0.755482	-1.32366	0.688705	0.872149	-1.14659	0.484005	0.884527	1.62446	1
cg11889808	PTPN2;PTPN2;PTPN2;PTPRN2	0.849787	0.247303	0.415938	-2.4042	0.917899	0.927954	-1.07764	0.771116	1.23558	1.23558	0.874423	0.891638	-1.12153	0.606437	0.680223	-1.47068	0.159216	0.335882	-2.97724	0.987463	1.01146	1.01146	0.843682	0.866609	-1.15392	0.794261	1.20867	1.20867	0.483993	4.03112	7.40345	1
cg22115808	NUDT16L1	0.849788	0.505949	1.30615	1.30615	0.650803	1.19761	1.19761	0.601567	0.811814	-1.23181	0.576778	1.24998	1.24998	0.989188	0.994652	-1.00538	0.647534	1.19981	1.19981	0.212811	0.594963	-1.68078	0.685466	1.17484	1.17484	0.57218	0.797815	-1.25342	0.483992	1.20045	2.20472	1
cg10981187	LPE	0.849799	0.907987	0.582556	-1.10944	0.675311	1.45139	1.45139	0.723766	1.34152	1.34152	0.79164	0.798182	-1.25284	0.666232	0.691121	-1.44692	0.837546	0.839271	-1.19151	0.922394	0.924339	-1.08198	0.781437	1.69112	1.69112	0.26737	0.104599	4.52784	4.52784	0.483975	5.55565	10.2038	1
cg10948229	PTPN21	0.849811	0.49173	0.821264	-1.21764	0.362604	0.763089	-1.30193	0.257616	0.756691	-1.3053	0.930138	0.996406	1.00246	0.746174	0.912489	-1.0959	0.929375	0.975314	-1.02531	0.382443	0.7768	-1.28733	0.743942	0.09683	10.3268	0.152495	0.109918	11.9918	0.483959	0.609417	0.11932	1
cg04202620	ARHGEF10	0.849811	0.331334	0.434342	-2.30233	0.448188	0.525653	-1.90239	0.920352	0.920154	-1.08678	0.642875	0.678068	-1.47478	0.198952	0.323244	-3.09363	0.24757	0.365739	-2.73419	0.655005	0.687847	-1.45381	0.487164	0.55579	-1.79924	0.643943	0.678927	-1.47291	0.483958	5.306	9.74556	1
cg04849839	NOX3	0.849839	0.304688	0.561872	-1.77995	0.273369	0.312175	-3.20299	0.184564	1.09716	1.09716	0.918483	0.672882	-1.48653	0.273576	0.833607	-1.19994	0.409814	0.433027	-2.30945	0.227049	0.502682	-1.98933	0.475884	0.647409	-1.54468	0.183878	0.483916	2.25419	4.64064	1
cg08869031	AP3S2;AP3S2	0.849846	0.601426	1.28524	1.28524	0.858508	0.918543	-1.08868	0.997588	1.00144	1.00144	0.512524	0.728868	-1.37199	0.587782	1.29585	1.29585	0.206471	1.88601	1.88601	0.53764	1.34605	0.891402	0.937038	-1.06719	0.341097	1.59537	0.483905	1.73756	3.19173	1
cg08431060	MIR548H4	0.849851	0.187833	0.218833	-4.58647	0.844268	0.806841	-1.2394	0.784185	0.965305	-1.03594	0.307709	0.315918	-3.16537	0.340753	0.942533	-2.91943	0.401578	0.391836	-2.55209	0.848853	1.23148	1.23148	0.696334	0.653605	-1.53467	0.791484	0.748888	-1.33531	0.483897	0.13716	16.766	1
cg24860429	OGD4	0.849857	0.306235	1.37107	1.37107	0.867116	1.05116	1.05116	0.934524	1.02478	1.02478	0.305391	0.728925	-1.37188	0.672618	1.13499	1.13499	0.947045	1.01999	-1.01999	0.318198	1.35984	1.35984	0.648101	0.872059	-1.14671	0.77919	1.08735	1.08735	0.483889	0.680213	1.24953	1
cg12622800	TRAPPC9;TRAPPC9;SORBS1;SORBS1;SORBS1;SORBS1;SORB3;SORBS1	0.849865	0.717442	0.819304	-1.22055	0.790186	0.863947	-1.15748	0.847302	1.11151	1.11151	0.32867	1.73828	1.73828	0.242748	0.511499	-1.95504	0.974653	0.982727	-1.01758	0.917178	0.944552	-1.0587	0.955625	0.719929	-1.38902	0.454078	1.51924	0.51924	0.483848	0.57453	0.82402	1
cg06282596	S1;SORBS1;SORBS1	0.849885	0.558177	0.592892	-1.68665	0.65707	0.672383	-1.48725	0.456209	1.95402	1.95402	0.982636	0.980972	-1.0194	0.791588	0.791531	-1.26337	0.325408	0.40804	-2.45074	0.211165	0.312575	-3.19923	0.616547	0.64039	-1.56155	0.84959	1.18246	1.18246	0.483848	5.97153	10.9704	1
cg27305981	HOPX;HOPX;HOPX;HOPX;HOPX	0.849892	0.37883	2.47012	2.47012	0.488023	2.02434	2.02434	0.545423	0.541794	-1.84572	0.822264	1.25274	1.25274	0.454532	2.26329	2.26329	0.745838	0.721998	-1.38524	0.483988	2.20461	2.20461	0.367361	3.17786	0.317786	0.778153	1.32604	1.32604	0.483837	7.68645	14.1213	1
cg09647352	INPP5A	0.849911	0.958203	0.53739	1.03739	0.187645	2.65769	2.65769	0.360601	1.95139	1.95139	0.815521	0.806012	-1.17784	0.824024	1.16881	1.16881	0.68256	1.33374	1.33374	0.764842	0.812005	-1.23152	0.622193	0.706206	-1.41602	0.559308	0.66132	-1.51213	0.483809	3.7585	6.90358	1
cg00313865	PCNT	0.849922	0.370438	2.63275	2.63275	0.609396	1.72008	1.72008	0.354615	2.72456	2.72456	0.324103	2.92073	2.92073	0.339229	2.82008	2.82008	0.373556	2.61536	2.61536	0.245667	3.5894	3.5894	0.688002	1.52939	1.52939	0.649937	1.61994	1.61994	0.483792	8.48793	15.5952	1
cg26081985	C7orf50;C7orf50;C7orf50	0.849936	0.846393	1.06925	1.06925	0.444629	1.38743	1.38743	0.381065	0.685811	-1.45813	0.820896	0.956112	-1.05961	0.740139	0.890447	-1.1016	0.981164	1.00997	1.00997	0.920896	0.76312	1.76312	0.178056	0.959006	0.979041	-1.02141	0.589585	0.795417	1.2572	0.483771	1.35341	2.48677	1
cg16956665	ST3A	0.849945	0.466116	2.87887	2.87887	0.739809	0.62178	-1.60828	0.627665	2.00735	2.00735	0.685616	1.78643	1.78643	?	?	?	0.395363	3.4591	3.4591	0.814877	0.715776	-1.39709	0.222264	6.2261	6.2261	0.736173	0.617476	-1.61935	0.483905	13.7356	3.19173	1
cg24008801	AP3D1;AP3D1	0.849946	0.428	1.34901	1.34901	0.377577	0.833577	1.20012	0.848995	0.838668	-1.1215	0.329211	0.846025	1.18225	0.144607	1.04947	1.04947	0.675614	0.870536	-1.14866	0.507087	0.778705	-1.28419	0.613868	1.20485	1.20485	0.158664	1.2561	1.2561	0.483756	1.1299	1.88874	1
cg22005832	TNPO1	0.849957	0.716477	1.43916	1.43916	0.351431	0.380709	-2.62668	0.980243	1.02499	1.02499	0.859944	1.19253	1.19253	0.563086	1.79493	1.79493	0.376244	2.49296	2.49296	?	?	?	?	?	?	0.549376	1.83362	1.83362	0.434685	5.06525	9.98801	1
cg13981329	THTPA;THTPA;THTPA	0.849962	0.94315	1.10806	1.10806	0.133926	0.51573	0.621326	0.204882	2.04882	2.04882	0.910934	1.16473	1.17469	0.505868	2.64685	2.64685	0.515292	0.386274	-2.58884	0.99152	1.01541	1.01541	0.603173	0.932556	-1.07255	0.699228	1.74891	1.74891	0.478667	15.3624	24.9621	1
cg05741225	JAMAP3	0.849972	0.986261	1.00756	1.00756	0.868506	1.64818	1.64818	0.424934	0.753073	-1.32917	0.604483	0.800568	-1.24955	0.380932	0.625606	-1.59842	0.508704	1.68152	1.68152	0.267514	1.14257	1.14257	0.499227	1.03357	1.03357	0.486668	1.06758	1.30385	0.483716	1.0796	1.9839	1
cg12346749	HPCAL1;HPCAL1	0.849998	?	?	?	0.742174	0.544055	-1.83805	?	?	?	0.509938	0.344601	0.344601	?	?	?	0.362199	5.70801	5.70801	0.733424	0.532387	-1.87833	?	?	?	0.831777	1.47985	1.47985	0.374093	10.6308	34.1009	1
cg12731799	KIRREL3;KIRREL3	0.850019	0.583019	1.800879	-1.12483	0.819284	1.09601	1.09601	0.227201	0.601854	-1.66153	0.734799	0.872663	-1.14592	0.735667	1.14534	1.14534	0.763485	1.12847	1.12847	0.488473	1.32592	1.32592	0.667138	0.840897	-1.18921	0.349543	0.679994	1.4706	0.483605	1.02836	2.25809	1
cg23433113	PPP3R1B	0.849988	0.63811	1.0818	1.0818	0.833355	1.03559	1.03559	0.706167	1.06488	1.06488	0.685391	1.06993	1.06993	0.645108	1.08001	1.08001	0.495195	2.891414	2.891414	1.12181	0.184991	0.791903	-1.26278	0.50347	0.893432	-1.11928	0.870353	0.973255	-1.02748	0.483693	0.211012	0.38778	1
cg27475365	TPO52L1;TPO52L1;TPO52L1;TPO52L1 OPALIN;OPALIN;OPALIN;OPALIN;OPALI	0.850039	0.436111	1.86031	1.86031	0.274125	2.4329	2.4329	0.434781	1.8638	1.8638	0.731915	1.30548	1.30548	0.218129	2.75143	2.75143	0.491291	1.72462	1.72462	0.633187	1.45594	1.45594	0.305088	2.29273	2.29273	0.547411	1.6091	1.6091	0.483616	4.67543	8.59347	1
cg10113580	N;OPALIN	0.850071	0.44078	0.613651	-1.62959	0.689181	0.778999	-1.2837	0.49204	0.648264	-1.54258	0.911155	0.933014	-1.0718	0.207076	0.43758	-2.2853	0.933471	0.949459	-1.05323	0.419783	0.76881	-1.30095	0.29866	0.14942	-6.69187	0.296966	0.145916	1.99886	0.483569	0.95521	5.43222	1
cg18836627	TIP1;TIP1	0.850088	0.164482	0.743038	-1.33833	0.354807	0.886762	-1.1277	0.384307	0.104545	0.404045	0.429123	0.853371	-1.17196	0.624966	0.88579	-1.12866	0.999987	1.01505	1.01505	0.302754	1.88846	1.88846	0.874518	1.09869	1.09869	0.452399	1.57762	1.57762	0.483548	2.75625	4.99319	1
cg18989639	SLC25A33	0.850085	0.944846	1.04206	1.04206	0.372283	0.579536	-1.72552	0.434248	0.621778	-1.60829	0.490607	0.515741	1.55741	0.821577	1.14399	1.14399	0.979987	1.01505	1.01505	0.302754	1.88846	1.88846	0.874518	1.09869	1.09869	0.452399	1.57762	1.57762	0.483548	2.75625	4.99319	1
cg14044669	C6orf10	0.850091	0.899142	1.24326	1.24326	0.912385	0.227975	-1.20803	0.622307	0.425913	-2.3479	0.817859	0.672882	-1.48614	?	?	?	0.995963	1.0873	1.0873	0.398946	0.42849	0.42849	0.490893	0.33438	0.33438	0.246699	0.123171	-8.11877	0.460821	18.7225	35.5501	1
cg20028216	MCTP1;MCTP1	0.850109	0.99672	1.00328	1.00328	0.975637	1.3333	1.3333	0.584933	0.753078	-1.32793	0.342789	0.876513	-1.14097	0.58017	0.881734	1.07955	0.729514	1.07058	1.07058	0.367114	1.81203	1.81203	0.716198	1.82884	1.82884	1.2065	0.942279	0.963452	2.0245	3.72185	1
cg09248345	LMX1A	0.850117	0.899503	0.916034	-1.09166	0.901807	0.91789	-1.08946	0.852482	1.13793	1.13793	0.970501	1.026	1.026	0.638266	0.719865	-1.38915	0.912073	0.926192	-1.07969	0.228155	0.415603	-2.40614	0.236338	2.36626	2.36626	0.629022	1.40201	1.40201	0.483501	3.6896	6.78312	1
cg08435984	COMMD5;COMMD5;COMMD5 AP4F1;IKBIP;IKBIP;IKBIP;APAF1;APAF1;APAF1;J	0.850119	0.770241	1.09131	1.09131	0.07336	0.706589	1.0953	1.0953	0.761259	1.07614	1.07614	0.75121	1.0796	1.0796	0.552277	1.15579	1.15579	0.675446	0.903579	-1.10671	0.303015	0.775395	-1.29282	0.649108	0.542584	1.34241	1.34241	0.483498	0.484944	0.816244	1
cg18959294	KBIP;APAF1;IKBIP;APAF1;IKBIP	0.850123	?	?	?	0.938508	1.07243	1.07241	0.575914	0.598799	-1.67003	0.98681	1.01509	1.01509	?	?	?	?	?	?	0.223216	1.21691	1.21691	0.751392	1.1339	1.1339	0.744824	1.34455	1.341761	3.49386	9.89936	1
cg26902279	H2AFY	0.850172	0.602096	0.770157	-1.29844	0.628265	0.666002	-1.50148	0.642314	0.613248	-1.63005	0.761925	0.762565	-1.31165	0.422586	2.36705	2.36705	0.819469	0.892711	-1.12018	0.207076	0.43758	-2.2853	0.933471	0.949459	-1.05323	0.419783	0.76881	-1.30095	0.29866	0.14942	-6.69187	0.296966	0.145916	1.99886	0.483569	0.95521	5.43222	1
cg01009607	RK2;NTRK2	0.850186	0.609626	0.876197	-1.14313	0.609621	0.876195	-1.1413	0.275363	1.33808	1.33808	0.689084	0.90512	-1.10483	0.901252	1.07585	1.07585	0.455205	1.21556	1.21556	0.341901	0.77777	-1.28573	0.802016	0.937556	-1.0666	0.793795	0.934981	-1.06945	0.483397	0.504259	0.92725	1
cg03355241	POLR2J4;SPDYE1	0.850188	0.88237	1.02982	1.02982	0.626338	0.907221	-1.10227	0.356964	0.828612	-1.20684	0.181944	0.754914	-1.32465	0.249577	0.782579	-1.26971	0.605986	0.901899	-1.10877	0.790105	0.948438	-1.05437	0.540798	0.884381	-1.13073	0.760578	0.941153	-1.06253	0.483394	0.301481	0.554378	1
cg13362272	CACNA1S	0.850201	0.310078	1.6213	1.6213	0.251578	1.12647	1.12647	0.707728	0.864955	-1.18963	0.834196	1.15247	1.15247	0.380882	0.97659	-1.02407	0.760114	1.30744	1.30744	0.896095	0.76409	1.76409	0.178056	0.959006	0.979041	-1.02141	0.589585	0.795417	1.2572	0.483771	1.35341	2.48677	1
cg12964657	C4orf44;C4orf44	0.850207	0.49477	1.30196	1.30196	0.981818	1.04709	1.04709	0.745015	0.914541	0.914541	0.803993	0.49959	0.49959	0.178564	1.10989	1.10989	0.172313	1.73829	1.73829	0.29132	1.51704	1.51704	0.683722	1.1687	1.1687	0.988781	1.00537	1.00537	0.483366	1.0899	2.03939	1
cg27378537	GDHAP3	0.850209	0.244016	3.38614	3.38614	0.460772	0.471699	-2.11999	0.843592	1.21856	1.21856	0.263731	0.311671	-3.20851	0.690128	0.669643	-1.49333	0.67293	0.653857	-1.52939	0.951949	0.94148	-1.06216	0.863021	0.841305	-1.18863	0.906433	0.888096	-1.12486	0.483363	0.73663	7.6656	14.0968	1
cg03109215	DLGAP3	0.850225	0.448414	1.78426	1.78426	0.120202	3.19384	3.19384	0.397451	1.98425	1.98425	0.591685	1.53484	1.53484	0.886609	1.10951	1.10951	0.688684	1.37798	1.37798	0.406699	1.95734	1.95734	0.995408	1.01086	1.01086	0.483373	1.46731	1.46731	0.719044	1.33086	0.483386	4.79228	8.81334	1
cg20040767	ADHFE1	0.850233	0.408715	0.379927	-2.63209	0.198235	0.210689	-4.74634	0.584971	0.553833	-1.86626	0.607028	0.552016	-1.81154	0.546578	0.497186	-2.01132	0.472361	0.432925	-2.30987	0.247936	0.25072	-3.98851	0.373065	0.35088	-2.84998	0.780448	0.726124	-1.37717	0.483332	10.0413	18.4669	1
cg20552331	ZHX2	0.850256	0.887563	0.951054	-1.05147	0.976012	0.989408	-1.01071	0.732478	1.12944	1.12944	0.785557	1.10159	1.10159	0.545537	1.22452	1.22452	0.579795	0.842304	1.18745	0.934156	0.792332	-1.26191	0.42383	0.189484	1.65728	1.63728	0.610243	1.20005	1.20005	0.483292	0.201593	1.77154	1
cg08284221	TLE3;TLE3;MIR629;TLE3	0.850285	0.559042	1.30723	1.30723	0.735258	0.857365	-1.16637	0.924167	1.04412	1.04412	0.356693	1.53705	1.53705	0.219318	0.556697	-1.79631	0.731673	1.18334	1.18334	0.488409	1.37597	1.37597	0.901147	1.05796	1.05796	0.836294	0.910446	-1.09856	0.483251	1.57363	2.89453	1
cg08185849	CBH	0.850298	0.190363	3.62997	3.62997	0.517388	1.8332	1.8332	0.590468	1.65092	1.65092	0.898048	1.12539	1.12539	0.395293	2.237	2.237	0.269189	2.90648	2.90648	0.38241	2.26575	2.26575	0.945368	1.06125	1.06125	0.682057	1.46208	1.46208	0.478158	6.29453	10.2388	1
cg17349081	TLE4	0.850303	0.31668	1.36122	1.36122	0.97511	0.864482	0.894227	-1.11873	0.832026	1.03566	1.03566	0.234861	1.18861	1.22013	0.257197	3.88806	0.754036	0.754036	0.754036	0.716169	-1.39243	1.39243	0.460683	0.413251	0.413251	0.885486	0.859177	1.1639	0.483222	2.84895	5.61173	1
cg17820495	PVT1	0.850342	0.754182	0.949768	-1.05289	0.199588	0.800633	-1.24901	0.432253	0.876779	-1.14054	0.8339	1.03505	1.03505	0.761614	0.951305	-1.05119	0.684552	0.935182	-1.06931	0.426235	1.14259	1.14259	0.798168	1.04294	1.04294	0.51542	0.89744	-1.11428	0.483165	0.205993	0.37897	1
cg02852421	KIF26A	0.850343	0.831552	0.935963	-1.06842	0.298757	1.3974	1.3974	0.997268	0.998837	-1.00106	0.438321	1.2784	1.2784	0.44662	1.72255	1.72255	0.249868	1.45282	1.45282	0.725107	1.11593	1.11593	0.855155	1.40116	1.40116	0.829928	1.09011	1.09011	0.483158	0.738624	1.33888	1
cg08857144	ADD2;ADD2;ADD2;ADD2;ADD2	0.850362	0.493066	1.38994	1.38941	0.615177	0.787047	-1.27057	0.726986	1.1801	1.1801	0.96964	0.98218	-1.01814	0.88918	0.936253	1.06809	0.701198	0.833478	-1.19979	0.800735	1.13292	1.13292	0.359446	1.56075	1.56075	0.176058	1.97314	1.97314	0.483149	1.70798	3.14232	1
cg15633271	EPHX1	0.850404	0.84097	1.10112	1.10112	0.620424	1.27045	1.27045	0.4178	1.48735	1.48735	0.90811	0.946143	-1.05692	0.993438	1.00395	1.00395	0.513117	1.37439	1.37439	0.955945	1.02684	1.02684	0.763737	0.865423	-1.1555	0.16782	0.49419	-2.02351	0.483072	1.75887	3.23645	1
cg24845151	PTPRT;PTPRT	0.850409	0.682644	1.2818	1.2818	0.428611	1.32456	1.32456	0.824208	1.1706	1.1706	0.684187	0.907775	-1.10892	0.933504	1.03455	1.03455	0.813457	1.15345	1.15345	0.205409	1.24076	1.24076	0.555124	1.1434	1.1434	0.379727	1.72322	1.72322	0.483064	2.79038	5.13346	1
cg11824921	SIM1	0.850414	0.83315	0.844362	-1.18433	0.218835	0.202187	-2.82107	0.265111	0.141802	-1.41802	0.681771	0.717988	-1.39278	0.400122	0.501214	-1.99515	0.496047	0.574484	-1.74069	0.763877	1.27328	1.27328	0.88996	1.11741	1.11741	0.597331	1.53343	1.53343	0.483057	4.92015	9.05373	1
cg08405405	C19orf39	0.850425	0.99136	1.00868	1.00868	0.934417	1.02399	1.02399	0.813954	0.940101	1.06033	0.762265	0.885419	-1.12941	0.577334	1.25331	1.25331	0.963936	1.03833	1.03833	0.712144	0.931668	-1.07358	0.615858	1.30018	1.30018	0.515856	1.59605	1.59605	0.483052	0.300153	0.61858	1
cg00713947	3-Mar	0.850437	0.985541	1.00276	1.00276	0.356671	1.15522	1.15522	0.723224	1.05561	1.05561	0.852896	1.02866	1.02866	0.617111	1.07974	1.07974	0.508801	1.0886	1.0886	0.198679	1.22966	1.22966	0.45154	1.12384	1.12384	0.229945	1.21133	1.21133	0.483022	0.177223	0.326138	1
cg20544516	MIR138;SREBF1;SREBF1	0.850448	0.847597	0.931926	-1.07305	0.962204	0.982786	-1.01752	0.326821	1.44908	1.44908	0.383837	1.38708	1.38708	0.904627	1.00347	1.00347	0.491202	1.29202	1.29202	0.502729	1.28304	1.28304	0.293362	1.49094	1.49094	0.29126	1.49374	1.49374	0.483006	1.02711	1.89022	1
cg05131388	PPOX;PPOX	0.850463	0.819533	1.05195	1.05195	0.52213	1.28213	1.28213	0.219355	1.3458	1.3458	0.505674	1.16799	1.16799	0.756477	1.14445	1.14445	0.807235	0.979727	-1.02055	0.757389	0.93651	-1.06779	0.814827	0.95452	1.04803	1.05543	0.552717	0.871017	-1.14808	0.482983	0.404308	0.74426	1
cg08137709	FOXP1	0.850548	0.843776	1.09685	1.09685	0.978303	1.01282	1.01282	0.669509	1.22283	1.22283	0.89759	0.941453	-1.06219	0.748007	0.859826	-1.16303	0.444308	0.693934	-1.44106	0.349007	1.57101	1.57101	0.467628	1.1438	1.1438	0.282604	0.592669	-1.68728	0.482957	1.67912	3.09004	1
cg25010029	PPP1R11;PPP1R11	0.850518	0.170395	2.71099	2.71099	0.160402	0.100922	-1.04668	0.824153	1.0227	1.0227	0.788483	0.97668	-1.02412	0.606824	1.01063	1.01063	0.864083	1.01881	1.01881	0.837268	0.996793	-1.00322	0.996291	1.01068	1.01068	0.15988	0.223787	1.14913	1.14913	0.482901	0.090462	0.16624	1
cg08993171	ALX4	0.850526	0.860254	0.896365	-1.11562	0.599828	0.719869	-1.38914	0.894902	1.08246	1.08246	0.728244	0.805274	-1.24181	0.657485	0.758012	-1.31924	0.323905	0.531236	-1.8824	0.569006	0.69951	-1.42957	0.202586	0.30533	2.30533	0.188623	0.916677	1.0909	0.482889	0.94813	5.42682	1
cg14198548	VAV2;VAV2	0.850529	0.570055	0.856714	-1.16725	0.109399	1.60045	1.60045	0.833492	0.944861	-1.05836	0.981748	0.993856	-1.00618	0.873954	0.958129	-1.0437	0.311663	0.737493	-1.35609	0.175514	0.954192	-1.04797	0.993458	0.958129	-1.0437	0.744157	0.785144	1.0764	1.0764	0.482884	0.555151	1.02192	1
cg29396839	CSNK1D;CSNK1D	0.850552	0.149933	2.42826	2.42826

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	SS(Test)	SS(Error)	df
cg03985360	ETV1;ETV1;ETV1;ETV1;ETV1;ETV1;ETV1	0.851273	0.447827	0.629234	-1.58923	0.280905	0.511122	-1.95648	0.359338	0.568712	-1.75836	0.428595	0.616354	-1.62244	0.96343	0.594446	-1.68224	0.357658	0.567526	-1.76203	0.379542	0.582851	-1.7157	0.670273	0.773775	-1.29237	0.843845	1.125335	1.125335	1.401722	2.73617	0.04834	1
cg05673098	CPNE4	0.851282	0.522827	1.68341	1.683341	0.876355	0.882305	-1.13339	0.953252	0.953947	-1.04828	0.239819	0.371644	-2.69075	0.280463	0.40567	-2.46506	0.625115	1.4859	1.4859	0.916162	0.918804	-1.08837	0.665238	1.41921	1.41921	0.831275	1.18719	1.187193	0.4817759	4.93463	9.10485	1
cg04883598	NDRG4;NDRG4;NDRG4	0.85129	0.492964	0.744291	-1.34356	0.228335	1.709621	1.709621	0.642301	0.820045	-1.21945	0.941028	1.081881	1.031188	0.530807	0.763922	-1.30903	0.952938	0.975278	-1.02635	0.581901	0.788888	-1.266	0.797967	1.11494	1.11494	0.455952	1.37996	1.379961	0.4817747	1.37254	2.53253	1
cg03395558	SHANK2;SHANK2	0.851304	0.69988	0.907712	-1.10167	0.629393	0.885537	-1.12926	0.146909	0.677622	-1.47575	0.783632	0.107123	0.690873	0.10509	0.10509		0.776174	0.931222	-1.07386	0.471007	1.20119	0.869248	0.9596511	-1.04204	0.68025	0.90159	-1.10915	0.481725	0.476796	0.879794	1
cg10959353	SPHKAP;SPHKAP	0.851341	0.446627	0.578099	-1.72981	0.951556	1.04386	1.04386	0.910444	1.08274	1.08274	0.610006	0.695269	-1.43829	0.689322	1.32831	1.32831	0.457676	0.58605	-1.70634	0.629	0.708955	-1.41053	0.4832	1.65466	1.65466	0.27243	2.24138	2.241384	0.4816867	3.80812	7.02762	1
cg23825480	MORC2	0.851411	0.328382	1.70902	1.70902	0.76889	0.855111	-1.16944	0.802818	0.875541	-1.14215	0.971464	1.01918	1.01918	0.98551	1.01239	1.01239	0.437989	0.656864	-1.52239	0.411685	1.56193	1.56193	0.391739	1.59385	1.59385	0.517809	0.705874	-1.41668	0.4815565	2.152	4.15241	3.97299	1
cg05982383	TRPC1	0.851418	0.689365	0.917944	-1.08939	0.787408	1.059129	1.059129	0.877327	0.96762	-1.03346	0.234606	0.766836	-1.30406	0.621539	0.901051	-1.10982	0.702875	1.08509	1.08509	0.423723	1.19018	1.19018	0.784657	1.07463	1.07463	0.415453	1.19408	1.19408	0.4815554	0.346308	0.639141	1
cg21112719	ZNF620;ZNF620	0.851422	0.511695	0.865816	-1.15498	0.957204	1.01169	1.01169	0.860793	0.954975	-1.0363	0.854463	0.961029	-1.04055	0.250931	1.29653	1.29653	0.913093	1.02392	1.02392	0.319323	0.800279	-1.24956	0.956941	1.00086	1.00086	0.430188	1.19044	1.19044	0.4815449	0.35743	0.659779	1
cg05829046	LFNG;LFNG	0.851425	0.555048	0.662636	-1.50912	0.471784	1.65626	1.65626	0.630258	0.71581	-1.39702	0.965789	0.970868	-1.03001	0.540246	0.652198	-1.53328	0.807609	1.18315	1.18315	0.21179	0.405611	-2.46542	0.989587	0.991044	-1.00904	0.359246	0.522145	-1.91518	0.4815545	3.62403	6.68964	1
cg27177779	AMZ1	0.851459	0.564313	1.34831	1.34831	0.624006	1.44114	1.44114	0.504135	0.639	0.7975	-1.25387	0.214443	1.20152	1.20152	0.355002	1.39489	0.721443	1.20152	1.20152	0.113414	2.4191	2.4191	0.939957	1.37464	1.37464	0.855717	1.09783	1.097831	0.4814493	2.00543	3.70224	1
cg00421221	INHBB	0.85147	0.568663	0.67441	-1.48278	0.189095	0.386252	-2.58891	0.192539	0.388442	-2.56774	0.522839	0.642242	-1.55705	0.465519	0.60181	-1.66165	0.889697	0.909483	-1.09953	0.975384	0.979124	-1.02132	0.702524	0.76922	-1.3	0.723682	0.7845	-1.2747	0.4814377	3.5649	6.58141	1
cg09530368	CNTD2	0.851479	0.570317	0.548834	-1.82204	0.678319	0.646459	-1.54689	0.960167	1.05312	1.05312	0.484118	0.475341	-2.10375	0.287482	0.315017	-3.17443	0.263871	0.295773	-3.38057	0.252954	0.286824	-3.48646	0.40975	0.409979	-2.43935	0.834524	0.803484	-1.24458	0.4814564	8.34201	15.4012	1
cg27309276	PDIA4P3	0.851531	0.601043	0.885608	-1.12917	0.168887	1.40147	1.40147	0.760147	0.843673	1.18737	1.18737	0.784799	0.93892	-1.06505	0.797133	0.942412	-1.06116	0.344457	0.880592	-1.1356	0.604283	1.12793	1.12793	0.831737	1.05021	1.05021	0.947649	0.984995	-1.01523	0.4813886	0.404198	0.746359	1
cg14268780	FTCD;FTCD	0.851541	0.529801	0.624636	-1.60093	0.702934	0.753306	-1.32748	0.299754	0.451803	-2.21335	0.638018	0.70444	-1.41957	0.399724	0.528691	-1.89146	0.337697	0.481561	-2.07658	0.305643	0.456482	-2.19067	0.631495	1.45725	1.45725	0.563922	0.64967	-1.53924	0.4813371	4.16718	7.69503	1
cg03547062	PIP3	0.851542	0.299034	0.665156	-1.50341	0.628611	0.814141	-1.22077	0.770837	1.11609	1.11609	0.675784	1.17272	1.17272	0.692183	0.860078	-1.16269	0.388865	1.39716	1.39716	0.544988	1.2612	1.2612	0.997087	1.00018	1.00018	0.409668	0.726574	-1.37631	0.4813368	1.09398	2.02012	1
cg03465847	MED14	0.851544	0.993032	1.00235	1.00235	0.476845	0.823007	-1.21506	0.592831	0.864715	-1.15645	0.794997	1.07264	1.07264	0.532765	0.843544	-1.18547	0.275871	0.736942	-1.35696	0.344265	0.769243	-1.29998	0.557106	0.852218	-1.17341	0.479061	1.21383	1.213383	0.4813366	0.55287	1.02093	1
cg06619586	ASB1	0.851547	0.412334	1.47918	1.479184	0.447576	1.45552	1.45552	0.529808	1.3462	1.3462	0.344935	1.57514	1.57514	0.395305	1.50172	1.50172	0.481892	1.39634	1.39634	0.42447	1.46342	1.46342	0.279412	1.60984	1.60984	0.747645	0.860039	-1.16274	0.4813362	1.66309	3.07109	1
cg08142344	GSTM2;GSTM2;GSTM2;GSTM2	0.851556	0.516675	0.772712	-1.29434	0.194977	0.584105	-1.71202	0.364751	0.694037	-1.44085	0.470129	0.749655	-1.33996	0.259165	0.63024	-1.5867	0.43429	0.73134	-1.36734	0.528723	0.778577	-1.28439	0.707344	0.862515	-1.1594	0.70947	0.863496	-1.15808	0.4813149	1.17243	2.16509	1
cg00443276	ADORA2B	0.851579	0.735199	1.06724	1.06724	0.465223	1.15311	1.15311	0.367746	1.19405	1.19405	0.402658	1.17842	1.17842	0.762721	1.05976	1.05976	0.683152	1.08184	1.08184	0.173598	1.31985	1.31985	0.483008	1.14644	1.14644	0.709859	0.930869	-1.07426	0.4813134	0.280095	0.517278	1
cg22221669	TNNP	0.851582	?	?	?	?	?	?	0.588133	0.495069	-2.01992	0.88135	0.230838	0.713594	0.623509	1.60383	1.60383	?	?	?	0.331894	0.270979	-3.69032	0.496776	0.410469	-2.43624	?	0.368148	4.85374	15.1842	1
cg07783134	URKC	0.851582	0.796851	1.10175	1.10175	0.775932	1.11314	1.11314	0.954904	1.02147	1.02147	0.768534	1.11722	1.11722	0.292322	1.50738	1.50738	0.432492	1.35105	1.35105	0.128289	1.854131	1.854131	0.739348	1.13362	1.13362	0.538233	1.26374	1.263744	0.4813309	1.07547	1.9862	1
cg09936403	MAT1A;MAT1A	0.851583	0.144324	1.55346	1.553461	0.158452	1.25763	1.25763	0.172504	0.196327	1.28276	1.28276	0.65577	1.1343	1.1343	0.579486	1.17015	1.17015	1.17025	0.467665	1.23069	1.23069	0.391569	1.27822	1.27822	0.474975	1.22638	1.22638	0.3960151	1.30246	1.302464	0.4813308	0.601405	1.11069	1
cg15584946	ZNF347	0.851587	0.412323	1.81127	1.81127	0.290211	2.17695	2.17695	0.262716	2.28771	2.28771	0.538561	1.5547	1.5547	0.57468	1.49455	1.49455	?	?	?	0.967199	1.02957	1.02957	0.36485	1.93455	1.93455	0.841957	1.15198	1.15198	0.4813033	3.27392	7.07061	1
cg16721449	EXOC5B	0.851591	0.647127	1.16327	1.163271	0.534121	1.22951	1.22951	0.17064	1.61409	0.683511	1.34196	1.34196	0.908884	0.955849	-1.00417	0.888843	1.04696	1.04696	0.67473	1.14854	1.14854	1.207466	0.574667	1.54677	0.486519	1.26112	1.261124	0.4813295	0.820727	1.51577	1
cg03675739	KRT86	0.851606	0.180263	1.84004	1.84004	0.491023	0.793007	1.37802	0.631725	1.21807	0.860944	-1.03536	0.804033	0.607073	-1.54292	0.599787	-1.66733	0.424622	1.06235	1.06235	0.664133	0.607073	-1.54292	0.599787	0.605984	-1.9377	0.704651	0.880649	-1.12278	0.48273	1.50244	2.77495	1
cg11005845	LDOC1	0.851607	0.221027	0.101017	-9.89936	0.569937	0.359454	-2.782	0.791782	0.624081	-1.60235	0.314906	0.37144	0.37144	0.908629	0.814987	-1.22701	?	?	?	0.835982	1.44689	1.44689	0.916742	0.829996	-1.20483	0.995437	1.01024	1.01024	0.4813003	20.6973	44.7024	1
cg25153266	APOL6	0.851625	0.349463	0.207803	-4.81234	0.726968	1.565285	1.565285	0.115324	1.64313	1.10644	1.10644	2.66463	1.66463	0.606958	1.65019	1.65019	0.275734	0.157323	-6.35634	0.226496	0.564423	-1.76347	0.916533	0.894251	-1.11849	0.818816	0.687802	-1.45391	0.4813244	20.1783	37.4544	1
cg01093429	CYB5R4	0.851627	0.884652	0.93599	1.033795	0.268949	0.754537	-1.32374	0.540689	0.859961	-1.16284	0.837904	0.951326	-1.05116	0.891645	1.04098	1.04098	0.384263	1.24273	1.24273	0.864154	0.950145	-1.0526	0.671589	0.869	-1.1508	0.814391	0.842629	1.21885	1.218851	0.4812462	0.527165	0.835363	1
cg03481774	PHF21A;PHF21A	0.851633	0.948137	0.989018	-1.0111	0.663006	1.07727	1.07727	0.673968	0.930692	-1.07447	0.578133	0.909044	-1.10006	0.286132	0.828584	-1.20688	0.197406	0.793504	-1.26023	0.657757	1.07862	1.07862	0.818302	0.961692	-1.03983	0.604259	0.91507	-1.09281	0.4812237	0.219619	0.405657	1
cg08316703	ING5	0.851653	0.578222	1.19253	1.192533	0.61249	1.21021	1.21021	0.775901	1.08573	1.08573	0.627195	1.12545	1.12545	0.310018	1.16083	1.16083	0.954672	1.01652	1.01652	0.108153	1.2171	1.2171	0.748376	1.07195	1.07195	0.746913	0.888675	-1.12527	0.4813061	1.59326	3.59126	1
cg26217827	PELI3	0.851648	0.902298	0.955613	-1.04645	0.341056	0.695819	-1.43716	0.804398	1.09608	1.09608	0.918708	1.03846	1.03846	0.719018	0.874972	-1.14289	0.444541	1.33395	1.33395	0.21238	1.62513	1.62513	0.631696	1.08186	1.08186	0.708896	0.870536	-1.14872	0.48121	1.04163	1.92409	1
cg04914404	ZNF594	0.851654	0.181284	1.55346	1.553461	0.158452	1.25763	1.25763	0.172504	0.196327	1.28276	1.28276	0.65577	1.1343	1.1343	0.579486	1.17015	1.17025	?	0.467665	1.23069	1.23069	0.391569	1.27822	1.27822	0.474975	1.22638	1.22638	0.3960151	1.30246	1.302464	0.4813038	0.601405	1.11069	1
cg21555085	MYT1L	0.851659	0.432313	1.4036	1.4036	0.686954	0.842488	-1.18696	0.353034	0.667448	-1.49824	0.900385	0.9484	-1.05441	0.510769	1.32606	1.32606	0.638158	0.818403	-1.22189	0.296568	1.58071	1.58071	0.764856	0.808815	-1.13531	0.964784	1.01085	1.01085	0.4811994	1.36408	2.5198	1
cg06328952	LOC100129637	0.851659	0.513152	0.645214	-1.52856	0.709496	0.778463	-1.28458	0.906658	0.924502	-1.08166	0.646613	0.734229	-1.36197	0.880827	0.904477	-1.10561	0.686701	0.762346	-1.31174	0.143977	2.859321	2.859321	0.625718	1.38954	1.38954	0.990642	1.00788	1.007878	0.4811993	3.41322	6.3051	1
cg03532709	AMN1;AMN1;AMN1	0.851693	0.745591	1.09744	1.097442	0.892046	0.945927	1.03958	0.831267	0.978583	1.06863	0.611797	0.883344	1.13243	1.13243	0.752475	1.32874	0.860205	1.16267	1.16267	0.398165	0.964075	1.03677	1.03677	0.424146	2.35724	0.770354	1.13022	1.288727	1.288727	0.4811992	0.737336	1.3222	1
cg03953257	DOCK9;DOCK9	0.851699	?	?	?	0.605849	0.470157	-2.12695	0.409339	0.40756	3.40756	0.533873	0.400892	-2.49444	0.667576	1.87045	1.87045	0.525725	2.54187	2.54187	0.822336	1.38503	1.38503	0.547754	2.41664	2.41664	0.426678	0.307602	-3.25096	0.458367	13.244	25.2822	1
cg12964860	BRDB;KIF20A;BRDB;BRDB	0.851742	0.465495	0.641303	-1.55932	0.493008	1.5455	1.5455	0.501473	1.50412	1.50412	0.441299	1.59789	1.59789	0.597087	1.389219	1.69516	1.69516	1.69516	0.263122	2.00932	2.00932	0.742058	2.13568	2.13568	0.742058	2.12841	2.12841	0.4811969	0.2973	0.63643	1
cg05074892	BRD2;BRD2	0.851763	0.552481	2.03979	2.03979	0.757181	1.44466	1.44466	0.521312	0.462518	-2.16208	?	?	?	0.197087	0.54061	0.54061	0.983948	1.02415	1.02415	0.906337	0.869691	-1.14983	0.926241	1.11545	1.11545	0.521061	0.462298	-2.16311	0.462767	0.16641	19.8078	1
cg05623562	C18orf22	0.851763	0.491399	1.11354	1.113541	0.809335	1.0379	1.0379	0.230368	1.21366	1.21366	0.97878	1.0041	1.0041	0.993263	0.998702	-1.0013	0.94393	1.01088	1.01088	0.490043	1.11393	1.11393	0.464236	1.12146	1.12146	0.188919	1.23885	1.238385	0.4810348	0.180413	0.333178	1
cg24390398	ALDH3B1;ALDH3B1;ALDH3B1	0.851766	0.481584	0.579379	-1.72645	0.312606	0.745383	-1.34153	0.290534	0.427283	-2.34078	0.617273	0.946404	-1.05662	0.426208	0.641268	-1.55934	0.664503	0.641717	-1.55823	0.356022	0.388939	-2.57209	0.422832	0.435001	-2.29853	0.538679	0.524321	-1.90725	0.4810314	0.79	1.54549	1
cg00295308	IL15RA;IL15RA	0.851775	0.656532	1.15209	1.15209	0.440055	1.28283	1.28283	0.435487	0.777504	-1.28617	0.351128	0.844108	1.03845	0.410198	0.766137	-1.30525	0.58648	1.18973	1.18973	0.710639	0.888808	-1.1251	0.677153	1.14161	1.14161	0.787142	1.08938	1.08938	0.4810302	0.76222	1.40853	1
cg22918360	MIDN	0.851796	0.464159	0.6009	-1.66376	0.733576	0.722661	1.37661	0.616772	1.27124	1.27124	0.786773	1.32724	1.32724	0.660793	1.02008	1.02008	0.832202	1.07207	1.07207	0.714388	0.852255	1.17296	1.17296	0.813779	1.22962	0.813779	1.14465	1.144651	0.4810299	1.3933	2.88103	1
cg17525428	SHANK1	0.851801	0.779919	0.87542	-1.14231	0.615657	1.27178	1.27178	0.347027	0.631326	-1.58396	0.824065	1.11156	1.11156	0.983723	0.990357	-1.00974	0.555562	0.753382	-1.32735	0.340115	1.59515	1.59515	0.571352	1.3122	1.3122	0.387998	1.52234	1.522334	0.4809881	1.71858	3.17606	1
cg23989995	CAPZA1	0.851803	0.485949	0.781939	-1.32637	0.412703	0.757925	1.36417	0.955345	0.964	-1.03704	0.622194	0.958342	1.05262	0.872246	0.954324	-1.04794	0.753789	1.07098	1.07098	0.422001	0.915432	1.32401	0.537056	0.553159	1.8078	0.824509	1.09212	1.092112	0.4809838	1.19915	2.21632	1
cg05399036	FOXP1;FOXP1	0.851804	0.813961	0.619935	-1.61307	0.204636	0.52134	3.52134	0.262634	0.612274	-1.63278	0.971938	0.984558	1.01857	0.871669	0.815468	-1.22604	0.842	1.08429	1.08429	0.80155	1.42758	1.42758	0.731673	0.709467	-1.40951	0.408932	0.779726	0.779726	0.4809837	0.79403	1.46209	1
cg24803146	SFXN5	0.851854	0.948722	1.02965	1.02965	0.198169	1.85484	1.85484	0.555338	0.762625	-1.31126	0.675864	1.21048	1.21048	0.902042	0.9456	-1.05753	0.711259	1.184	1.184	0.439343	1.43086	1.43086	0.520957	1.34387	1.34387	0.545492	0.757351	-1.32039	0.4809802	1.57169	2.90507	1
cg27231554	STS;STS;STS	0.851856	0.562353	0.681212	-1.46755	0.422022	0.721033	1.38625	0.299	0.529075	1.07343	1.07343	0.945711	1.05419	0.554019	0.931868	1.07308	0.916053	1.09193	1.09193	0.154456	1.90758	1.90758	0.342346	1.60853	1.60853	0.214838	0.807657	-1.23808	0.4809795	1.01206	1.87086	1
cg22385477	CCDC110;CCDC110	0.851861	0.952274	1.02453	1.02453	0.698325	1.1708	1.1708	0.256145	1.61595	1.61595	0.932975	1.03963	1.03963	0.709308	0.903442	0.95205	-1.05037	0.627676	0.820467	-1.21882	0.333356	0.667639	-1.49782	0.610249	1.812097	-1.23138	0.427471	0.720342	-1.38823	0.4809892	1.24852	2.3078	1
cg07054798	RFLS	0.851875	0.652197	0.923153	-1.08324	0.818354	0.820207	1.21935	0.855264	1.0346	1.0346	0.775986	1.05192	1.05192	0.957149	1.00958	1.00958	0.903784	0.977451	-1.02302	0.764048	1.05437	1.05437	0.904011	1.27582	1.27582	0.758167	0.946277	-1.05633	0.4809887	0.73099	1.42321	1
cg04836786	HLTF;HLTF;HLTF;HLTF	0.851945	0.81648	1.28911	1.28913	0.250035	0.268948	-3.71819	0.242404	0.262741	-3.80603	?	?	?	0.943958	1.24023	1.24023	0.655321	1.63369	1.63369	0.909444	0.883113	-1.13236	0.896911	1.15213	1.15213	0.99929	1.00097	1.000972	0.4625445	7.77184	16.8024	1
cg25289973	UMC1;UMC1;UMC1	0.851917	?	?	?	0.584488	1.35719	1.35719	0.901859	0.934433	-1.07017	?	?	?	?	?	?	?	?	?	0.885428	1.08249	?	?	?	?	0.367368	1.67857	1.672857	0.322987	0.6301012	2.43857	1
cg00557658	FAM43B	0.851927	0.207477	0.408858	-2.44584	0.485402	0.221662	4.51112	0.263297	0.551357	-1.5354	0.93971	0.696066	-1.43664	0.357193	0.528796	-1.89109	0.953616	1.03992	1.03992	0.169169	0.505548	-1.97805	0.408886	0.566462	-1.76534	0.970133	1.02551	1.02551	0.4808	3.44758	6.37378	1
cg08431291	SMCR7L;SMCR7L	0.851927	0.470085	0.654287	-1.52838	0.7044	1.24612	1.24612	0.908451	1.06866	1.06866	0.974756	0.9819	-1.01843	0.545387	1.42373	1.42373	0.434393	1.58476	1.58476	0.227098	0.480936	-2.07928	0.739753	1.2122	1.2122	0.614963	1.34014	1.340414	0.4807092	2.53749	4.69132	1
cg23601127	MMAB;MMAB;MVK;MVK	0.851928	0.710546	0.931146	-1.07395	0.898715	0.975925	1.02467	0.955912	1.03064	1.03064	0.836653	1.061262	1.0401	0.882931	1.04449	1.04449	0.55014	0.890742	-1.12261	0.243588	1.29811	1.29811	0.743587	0.970746	-1.26144	0.82353	1.04367	1.043667	0.4807791	0.278866	0.515569	1
cg08662074	PAPPA	0.851952	0.79405	0.866578	-1.11535	0.457515	1.37123	1.37123	0.648614	0.825766	-1.21099	0.884831	1.06234	1.06234	0.543104	1.12491	1.2941	1.2941	0.651049	2.20925	2.20925	0.620758	0.803151	-1.2451	0.600364	1.55473	0.737648	1.60176	1.601764	0.4807754	1.32579	2.45132	1
cg00039793	SPXN4	0.851958	0.284318	0.400812	-2.49494	0.759434	1.28547	1.28547	0.812466	1.21444	1.21444	0.763867	0.781672	-1.27931	0.497799	0.569055	-1.7573	0.749602	1.29929	1.29929	0.767066	1.27489	1.27489	0.283348	2.49995	2.49995	0.722046	0.746707	-1.33921	0.4756443	4.9251	8.05358	1
cg07424977	TMS9Y2	0.851969	0.395522	0.702083	-1.42429	0.412703	0.757925	1.36417	0.955345	0.964	-1.03704	0.622194	0.958342	1.05262	0.872246	0.954324	-1.04794	0.753789	1.07098	1.07098	0.422001	0.915432	1.32401	0.537056	0.553159	1.8078	0.824509	1.09212	1.092112	0.4808038	1.19915	2.21632	1
cg02538110	PTPRG	0.851979	0.339544	0.334046	-2.9936	0.578598	1.8682	1.8682	0.431477	2.4457	2.4457	0.814608	0.769785	-1.29006	0.347723	0.340633	-2.93571	0.530132	0.492424	-2.03077	0.5317	0.493789	-2.02516	0.751151	0.701605	-1.4253	0.571956	0.529319	-1.88922	0.4807104	9.4464	17.4674	1
cg18735519	CCNO	0.851986	0.743184	1.37483	1.37484	0.394089	1.16581	1.16581	0.633411	1.31311	1.31311	0.650727	1.16193	1.16193	0.211073	1.64788	1.64788	0.943229	1.02373	1.02373	0.153771	1.35963	1.35963	0.317813	1.09963	1.09963	0.324241	0.825447	1.23074	1.230741	0.4807093	0.29779	0.642321	1
cg01684586	IGFBP7	0.85199	0.862565	1.09676	1.09676	0.246981	1.90651	1.90651	0.922502	1.05324	1.05324	0.882801	1.0818	1.0818	0.720444	1.21112	1.21112	0.554485	0.727322	-1.37491	0.296999	0.561949	-1.77952	0.99129	0.994198	-1.00584	0.492975	0.689948	-1.44939	0.4806098	2.16316	4.00004	1
cg24671229	CSMD2	0.852009	0.681326	1.17819	1.17819	0.672814	0.844778	-1.18374	0.922743	0.96221	-1.03927	0.262343	0.59064	-1.59046	0.776754	1.11952	1.11952	0.689629	0.852636	-1.17283	0.303796	0.514054	1.480669	1.480669	0.526375	1.38064	1.38064	0.641707	0.830188	-1.20454	0.4806069	1.20065	2.22033	1
cg02388783	ZNF687	0.852018	0.921408	1.08537	-1.08537	0.854484	0.882037	1.13384	0.797	0.924242	-1.08166	0.797	0.91242	1.0724	0.724	0.939059	0.86915	-1.15053	0.931955	1.07324	0.883806	0.960523	-1.0411	0.821567	1.05227	1.05227	0.373103	1.22899	1.228991	0.4806056	0.387115	0.7159	1
cg19364879	FAM105A	0.852037	0.390407	2.05606	2.05606	0.463839	1.84164	1.84164	0.390718	2.05504	2.05504	0.541341	1.65931	1.65931	0.423963	0.512316	-1.95192	0.715032	0.740582	-1.35029	0.517072	1.71254	1.71254	0.448142	1.88349	1.88349	0.91871	1.0872	1.0872	0.480628	5.16602	9.44325	1
cg22900478	LOC100130887	0.852041	0.793891	1.09744	1.09744	0.242911	0.219957	4.54848	0.22994	0.583187	1.71494	1.03064	1.03064	0.836653	1.061262	1.0401	0.882931	1.04449	1.04449	0.997352	1.00504	1.00504	0.897732	1.11926	0.824588	1.21327	0.824588	1.21327	1.213267	0.4806022	0.105998	0.16249

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-p-value(1057 vs. N)	Fold-Change(1-p-value(1111 vs. N)	Fold-Change(1-p-value(1117 vs. N)	Fold-Change(1-p-value(1127 vs. N)	Fold-Change(1-p-value(1217 vs. N)	Fold-Change(1-p-value(1221 vs. N)	Fold-Change(1-p-value(3477 vs. N)	Fold-Change(1-p-value(3477 vs. 477 vs. N)	Fold-Change(1-p-value(3477 vs. 537 vs. N)	Fold-Change(1-p-value(3537 vs. N)	Fold-Change(1-p-value(5377 vs. N)	Fold-Change(1-p-value(5377 vs. 377 vs. N)	Fold-Change(1-p-value(5637 vs. N)	Fold-Change(1-p-value(5637 vs. 637 vs. N)	t(Test)	S5(Test)	S5(Error)	F(Error)
cg27420156	BC17C,BC17C	0.852927	0.32466	1.3082	1.3682	1.7464229	0.904838	-1.10517	0.775176	1.09227	1.092227	0.3116469	0.7267227	-1.37603	0.745953	0.9046461	-1.10539	0.908105	0.965036	-1.03823	0.8214181	1.07199	1.07199	0.2884952	1.40394	1.40394	0.950529	0.981058	1.01931	0.479293	0.721134	1.3374	1
cg15362194	COX5B,COX5B	0.852948	0.473866	1.87094	1.87094	0.7832213	1.26702	1.26702	0.46314	1.90095	1.900095	0.187504	3.35016	3.35016	?	3.35016	?	?	?	?	?	0.488482	1.82792	1.82792	0.870324	1.15046	1.15046	0.80654	1.23433	1.23433	0.347349	3.85768	8.87335	1
cg07321237	PCLO,PCLO	0.852951	0.323215	0.778775	-1.28407	0.560116	0.86556	-1.15532	0.793194	0.937646	-1.0665	0.77454	1.07291	1.07291	0.176267	0.703062	-1.42235	0.919041	1.02523	1.02523	0.978357	0.993375	-1.00607	0.34967	0.789854	-1.26606	0.852501	0.955415	-1.04667	0.479256	0.45578	0.845347	1
cg11986743	B4GALT6	0.852959	0.705641	2.2487	2.2487	?	?	?	0.225549	15.7612	15.7612	0.288114	10.9374	10.9374	?	?	?	0.798566	1.74023	1.74023	0.923984	0.813201	-1.22971	0.859265	0.680769	-1.46893	0.942407	1.169461	1.169461	0.468568	25.3604	66.0862	1
cg11589509	TFAMP1	0.852965	0.511586	0.927906	-1.0777	0.549689	1.0704	1.0704	0.42002	0.912125	-1.09634	0.320072	0.890938	-1.12241	0.243614	0.871862	-1.14697	0.968424	0.995561	-1.00446	0.8606845	0.972843	-1.02792	0.489613	0.924145	-1.08208	0.618265	0.9451	-1.05809	0.479236	0.0958831	0.177845	1
cg11747349	GPSM3,NOTCH4	0.852996	0.410381	1.55915	1.55915	0.920155	1.05432	1.05432	0.421959	1.54153	1.54153	0.157994	2.27249	2.27249	0.764556	1.17172	1.17172	0.402633	1.57127	1.57127	0.773776	0.858945	-1.16422	0.605616	1.31627	1.31627	0.992247	0.994887	-1.00514	0.479189	2.11246	3.91857	1
cg23261237	NUP35	0.853018	0.25233	1.18821	1.18821	0.733917	0.951986	-1.05044	0.392846	1.13455	1.13455	0.938487	0.988931	-1.01119	0.766426	1.0439	1.0439	0.362619	1.14447	1.14447	0.591707	0.924887	-1.08121	0.62575	0.931569	-1.07346	0.772948	1.0426	1.0426	0.479156	0.157832	0.292796	1
cg05179753	KIAA1671	0.853036	0.703867	1.15394	1.15394	0.584867	0.716033	1.39658	0.714945	1.14743	1.14743	0.674098	0.853958	-1.17184	0.378071	0.712426	-1.40365	0.540199	0.792557	-1.26174	0.494299	1.29722	1.29722	0.474181	0.744321	-1.34376	0.463906	0.75714	-1.32076	0.47913	1.06668	1.97882	1
cg24055556	VAPA,VAPA	0.853052	0.827423	0.931294	-1.07377	0.895012	1.04398	1.04398	0.89288	1.0449	1.0449	0.946753	1.29283	1.29283	0.56553	1.06553	1.06553	0.476722	1.26603	1.26603	0.738474	0.789735	-1.14543	0.936495	0.974355	-1.02632	0.10833	1.7702	1.7702	0.479104	0.8064488	1.49629	1
cg20825416	PBX1	0.85307	0.814775	1.10144	1.10144	0.658832	1.20075	1.20075	0.89666	0.947905	-1.05496	0.619109	1.22916	1.22916	0.427389	1.39603	1.39603	0.92131	1.04152	1.04152	0.115556	2.02254	2.02254	0.675576	1.18922	1.18922	0.720965	0.862722	-1.15912	0.479078	1.28621	2.38846	1
cg04031507	DLGAP3	0.853077	0.476641	1.34412	1.34412	0.748845	0.906155	-1.10356	0.488282	1.63262	1.63262	0.61771	5.58053	5.58053	0.46512	1.88158	1.88158	0.346326	5.80911	5.80911	0.172364	0.598998	1.04845	0.495788	3.53131	3.53131	0.479077	25.2507	46.8507	1
cg27633010	TUBGCP2	0.853072	0.370014	1.50641	1.50641	0.915466	0.853483	1.04839	0.754482	0.202667	1.81957	1.81957	0.50486	1.35144	1.35144	0.51424	1.3423	1.3423	0.360189	0.515995	0.880411	0.935591	-1.0693	0.904941	1.05461	1.05461	0.479075	1.50297	2.78864	1
cg19186622	PDLIM1	0.853093	0.745002	0.931512	-1.06599	0.582232	1.01853	1.01853	0.94122	0.934599	1.07021	0.961322	1.01005	1.01005	0.491279	0.866728	-1.15376	0.993208	1.00173	1.00173	0.991981	1.03715	1.03715	0.797484	1.00315	1.00315	0.479044	0.326631	0.594946	1
cg12134008	RIMS2,RIMS2	0.853093	0.771988	0.922504	-1.08401	0.625844	0.872478	-1.14616	0.476233	1.22275	1.22275	0.983753	1.00567	1.00567	0.68293	1.71077	1.71077	0.443069	1.24248	1.24248	0.228937	1.4198	1.4198	0.508478	0.833089	-1.20469	0.619506	1.14909	1.14909	0.479043	0.584748	1.08503	1
cg05463155	PDHB	0.853107	0.644306	0.958121	-1.04371	0.283584	0.902563	-1.10796	0.919382	0.990727	-1.00936	0.805538	0.977558	-1.02296	0.748356	1.03006	1.03006	0.374013	0.919458	1.0876	0.857499	0.983597	-1.01668	0.580476	0.949927	-1.05271	0.309467	1.10162	1.10162	0.479023	0.664247	0.119211	1
cg13554781	CC117,CC117	0.853115	0.558667	1.22604	1.22604	0.339955	1.52895	1.52895	0.256009	1.50465	1.50465	0.758127	1.1223	1.1223	0.765344	1.02193	1.02193	0.777001	1.10279	1.10279	0.576073	0.910352	-1.09848	0.933943	1.02898	1.02898	0.965812	1.01488	1.01488	0.479011	0.90078	1.67156	1
cg02787989	GREB1;GREB1;GREB1	0.853116	0.321499	0.53884	-1.85584	0.340964	0.552985	-1.80837	0.211254	0.451518	-2.21475	0.566789	0.705013	-1.41841	0.74333	0.820067	-1.21941	0.531715	0.682197	-1.46585	0.299253	0.522307	-1.91458	0.922345	0.942835	-1.06063	0.595801	0.723827	-1.38154	0.479009	2.76505	5.13105	1
cg26194560	GTF3C3	0.853117	0.628026	0.854566	-1.16897	0.497529	1.24636	1.24636	0.785055	0.916293	-1.09135	0.554376	1.21074	1.21074	0.171974	1.5919	1.5919	0.834141	1.06935	1.06935	0.9883165	0.9955336	-1.00469	0.937684	0.806617	-1.23975	0.946995	0.978965	-1.02149	0.479007	0.775707	1.49947	1
cg16373880	NMNAT2;NMNAT2	0.853124	0.615382	1.02145	1.02145	0.639767	1.47538	1.47538	0.312053	1.68182	1.68182	0.381322	1.594384	1.594384	0.237352	1.902137	1.902137	0.44655	1.4964	1.4964	0.301379	1.74039	1.74039	0.360475	1.62971	1.62971	0.667587	1.25164	1.25164	0.478997	2.04745	3.79952	1
cg26131927	ASCC2	0.853139	0.435385	1.33099	1.33099	0.169409	0.591006	-1.69203	0.985787	0.99362	-1.00642	0.494402	0.779342	-1.28313	0.887994	1.05193	1.05193	0.470456	0.768133	-1.30186	0.903344	0.957291	-1.04461	0.880202	1.05568	1.05568	0.818938	0.920923	-1.08587	0.478974	0.979206	1.81723	1
cg19282259	NCRNA00200	0.853144	0.592381	1.20541	1.20541	0.959744	0.998243	-1.00176	0.719373	1.13262	1.13262	0.514946	0.799326	-1.2504	0.382704	0.731885	-1.36668	0.943626	0.97585	-1.02475	0.845212	1.52223	1.52223	0.464507	1.27311	1.27311	0.801825	0.916737	-1.09082	0.479067	0.906459	1.68225	1
cg08523456	RABBA	0.853166	0.597837	0.580177	-1.72361	0.282874	0.319448	-3.1304	0.900407	0.879815	-1.1366	0.874422	1.17557	0.338555	0.364621	-2.74258	0.342	0.329618	0.357395	-2.79803	0.398269	0.412922	-2.42176	0.363362	0.362848	-2.75598	0.977603	1.02913	1.02913	0.479034	7.9335	14.7244	1
cg07569953	LSM1;BAG4	0.853182	0.992419	1.00253	1.00253	0.918377	1.14586	1.14586	0.372362	0.784394	-1.2749	0.531999	1.18305	1.18305	0.522312	1.18795	1.18795	1.107069	1.07069	1.07069	0.794436	1.0718	1.0718	0.985393	1.00481	1.00481	0.98791	1.03545	1.03545	0.479044	0.326631	0.592663	1
cg17837492	SH3HF3	0.8532	0.336051	0.525817	-1.9018	0.459042	0.613513	-1.62996	0.237085	0.448124	-2.23153	0.655014	1.33834	1.33834	0.552179	0.677234	1.47659	0.599614	1.709452	-1.40954	0.84267	0.879171	-1.13743	0.657483	1.33532	1.33532	0.543702	0.671472	-1.48927	0.478883	3.18493	5.91177	1
cg14540883	TARDBP	0.85321	0.894126	1.02888	1.02888	0.872303	1.03474	1.03474	0.257597	0.776779	-1.28737	0.854664	0.961554	-1.03998	0.940702	0.81287	-1.23021	0.627345	1.11027	1.11027	0.497713	0.863128	-1.15858	0.654553	1.10078	1.10078	0.536012	1.14338	1.14338	0.4788	0.346721	0.643577	1
cg25930506	CEP164	0.853227	0.974218	0.972347	0.02844	?	?	?	?	2.072	2.072	?	2.072	2.072	?	2.072	?	0.99538	1.00945	1.00945	?	?	?	0.41795	?	?	?	0.320948	1.56109	1.56109	0.68001	1
cg27248455	HES7;HES7	0.853235	0.975805	0.993768	-1.00627	0.289382	0.797178	-1.25442	0.350868	1.21886	1.21886	0.584961	1.12039	1.12039	0.796559	0.948142	-1.05469	0.702733	0.924007	-1.08224	0.360098	1.21402	1.21402	0.794933	0.947727	-1.05516	0.798162	1.05424	1.05424	0.47883	0.322199	0.598122	1
cg10996532	C4orf14	0.853238	0.962868	1.0186	1.0186	0.834848	1.12393	1.12393	0.602883	1.03283	1.03283	0.745564	1.34127	1.34127	0.672665	1.33568	1.33568	0.654233	1.33568	1.33568	0.913807	0.958005	-1.04384	0.874344	1.19425	1.19425	0.818726	1.14033	1.14033	0.478826	1.19071	2.21042	1
cg02570493	C6orf132	0.853252	0.656764	1.17091	1.17091	0.984396	1.00692	1.00692	0.581188	0.821551	-1.21721	0.425617	0.750503	-1.33244	0.265698	0.664204	-1.50556	0.524158	1.25573	1.25573	0.452148	1.31025	1.31025	0.670746	0.860066	-1.1627	0.977417	1.01004	1.01004	0.478805	0.943745	1.75204	1
cg25806456	MORC2;TUG1	0.853259	0.614834	0.756887	-1.3212	0.761629	1.18178	1.18178	0.485689	0.677795	-1.47537	0.68793	1.24816	1.24816	0.354382	1.68721	1.68721	0.525248	1.92758	1.92758	0.964579	0.975915	-1.02468	0.527157	1.42155	1.42155	0.579218	1.36004	1.36004	0.478795	2.28549	4.24304	1
cg09089417	PGAM5;PGAM5;PGAM5	0.853264	?	?	?	?	0.676324	0.522	-1.92544	0.648516	1.09028	1.09028	0.145081	0.719949	1.3185	1.3185	0.590232	0.843237	1.10717	0.903202	1.30833	1.30833	0.606843	1.5235	1.5235	1.5235	0.654781	1.4404	1.4404	0.455974	0.121327	0.79124	1
cg16158641	UBASH3B;UBASH3B	0.853269	0.778223	0.911459	-1.09734	0.546796	1.22167	1.22167	0.72179	1.12456	1.12456	0.556674	0.822672	-1.21555	0.312771	0.709755	-1.40894	0.595662	0.88744	-1.19226	0.299945	0.702784	-1.42291	0.564475	1.21078	1.21078	0.87486	1.05311	1.05311	0.4788	0.817517	1.51778	1
cg12157193	MIR423;CCDC51	0.85331	0.992419	1.00253	1.00253	0.918377	1.14586	1.14586	0.372362	0.784394	-1.2749	0.531999	1.18305	1.18305	0.522312	1.18795	1.18795	1.107069	1.07069	1.07069	0.794436	1.0718	1.0718	0.985393	1.00481	1.00481	0.98791	1.03545	1.03545	0.479044	0.326631	0.592663	1
cg24488001	LOC339535	0.853348	0.876506	0.962877	-1.03855	0.453003	1.20438	1.20438	0.661981	1.11295	1.11295	0.526149	1.16911	1.16911	0.144336	1.46443	1.46443	0.567917	1.15076	1.15076	0.767815	1.07467	1.07467	0.869551	0.960807	-1.04079	0.369675	1.2512	1.2512	0.478661	0.448586	0.83304	1
cg08935299	KNTC1;RSRC2;RSRC2;RSRC2	0.853355	0.916926	0.985114	-1.01883	0.601507	0.910073	-1.09881	0.936892	0.985938	-1.01426	0.357196	1.18452	1.18452	0.397945	1.1674	1.1674	0.610538	1.09621	1.09621	0.486154	0.881225	-1.13478	0.782218	1.0508	1.0508	0.301944	1.21076	1.21076	0.478651	0.242444	0.450236	1
cg11866788	NDUFA12	0.853362	0.662417	1.12966	1.12966	0.511845	1.13244	1.13244	0.533247	1.14519	1.14519	0.756669	0.927551	-1.18659	0.464889	0.680499	-1.46955	0.544098	1.40343	1.40343	0.290473	0.74153	-1.34856	0.257909	0.522134	-1.91522	0.591895	0.742395	-1.34689	0.478642	2.29678	4.26538	1
cg18775736	ZNF516	0.853376	0.432593	0.845942	-1.18211	0.310231	1.24527	1.24527	0.795978	1.05562	1.05562	0.902975	1.0258	1.0258	0.544625	1.13666	1.13666	0.253619	1.28282	1.28282	0.431551	1.18258	1.18258	0.712303	1.08045	1.08045	0.877298	1.1028	1.1028	0.478618	0.330811	0.614382	1
cg11643988	LAMC1	0.853398	0.646694	1.08246	1.08246	0.875645	1.04335	1.04335	0.644809	0.95857	-1.04322	0.601472	1.0215	1.0215	0.974249	1.04535	1.04535	0.273537	1.27865	1.27865	0.948365	0.894607	-1.11813	0.900272	1.0257	1.0257	0.478586	0.92683	0.92683	0.478617	0.538683	0.650047	1
cg18923388	HCG27	0.85421	0.859515	0.943484	-1.05909	0.603446	0.841903	-1.18778	0.272455	0.687223	-1.45513	0.441961	1.31473	1.31473	0.372323	0.740246	-1.3509	0.504678	0.800669	-1.24896	0.96258	1.01553	1.01553	0.432003	0.76848	-1.30127	0.659409	0.864464	-1.15679	0.478551	0.817296	1.51809	1
cg04195454	SORBS2;SORBS2;SORBS2	0.853422	0.661203	1.36016	1.36016	0.130288	3.12616	3.12616	0.902075	0.917724	-1.08965	0.543473	1.53565	1.53565	0.683737	1.33067	1.33067	0.434781	1.74343	1.74343	0.376449	1.88341	1.88341	0.637435	1.39253	1.39253	0.539965	1.54154	1.54154	0.47855	3.68743	6.84927	1
cg08086604	CLPX	0.853438	0.408577	1.52009	-1.81156	0.27393	0.644305	1.55208	0.265146	2.26226	2.26226	0.442178	0.789511	1.26672	0.474422	1.32793	1.32793	0.639227	1.56411	1.56411	0.427625	0.877298	1.13993	?	?	?	0.915177	0.927839	-1.07777	0.506722	1.60569	2.46212	3.31806	1
cg07310525	ANAPC5;ANAPC5	0.853463	0.874628	1.03846	1.03846	0.696108	0.910457	-1.09835	0.388169	0.80947	-1.23538	0.800133	1.06251	1.06251	0.338949	0.790125	-1.26562	0.60271	1.13372	1.13372	0.317034	1.28044	1.28044	0.586822	1.14013	1.14013	0.962245	1.01138	1.01138	0.478487	0.432846	0.804101	1
cg20100381	NAE1;NAE1;NAE1	0.853479	0.958243	1.01561	1.01561	0.943309	1.1179	1.1179	0.548193	1.1582	1.1582	0.613032	1.3056	1.3056	0.514937	1.2428	1.2428	0.558862	1.3056	1.3056	0.514937	1.2428	1.2428	0.558862	1.3056	1.3056	0.514937	1.2428	1.2428	0.478381	1.4551	2.4481	1
cg13700448	PTS	0.853476	0.274391	1.82099	1.82099	0.417332	1.5478	1.5478	0.779813	0.862685	-1.15917	0.1902	0.07752	2.07752	0.917705	1.05598	1.05598	0.913809	0.944537	-1.05872	0.559405	1.36492	1.36492	0.5636	1.3603	1.3603	0.854295	1.10173	1.10173	0.478469	2.1048	3.91026	1
cg09086604	CLPX	0.853488	0.619224	0.81145	-1.58366	0.343304	0.916815	-1.09245	0.338894	2.4661	2.4661	0.894561	1.12966	1.12966	0.624488	1.16998	1.16998	0.389406	0.847344	-1.19425	0.318766	0.599301	1.6238	1.6238	0.394498	0.644189	1.55202	0.890459	0.446638	2.24398	0.638166	11.8557	1
cg20603915	KCNK12	0.853494	0.236406	0.680584	-1.45755	0.780164	0.08609	2.08609	0.295433	0.998208	-1.00192	0.943054	0.93193	1.07292	0.826216	0.96905	-1.0605	0.744599	0.862622	-1.15937	0.502925	0.831462	-1.2231	0.324192	0.734038	-1.36233	0.961734	0.985536	-1.01468	0.478441	0.698796	1.28828	1
cg24421870	THY1	0.853526	0.30245	2.06108	2.06108	0.226839	2.36093	2.36093	0.583385	1.45498	1.45498	0.42117	1.7443	1.7443	0.511793	1.56908	1.56908	0.330532	1.97344	1.97344	0.447816	1.68836	1.68836	0.624429	1.39664	1.39664	0.931549	0.943495	-1.05989	0.478393	3.47292	6.45294	1
cg13893388	IGSF21	0.853527	0.608724	1.49275	1.49275	0.344373	1.16218	1.16218	0.861377	2.071	2.071	0.527269	1.64383	1.64383	0.344778	1.24544	1.24544	0.36822	2.04851	2.04851	0.309894	1.9231	1.9231	0.506059	1.68881	1.68881	0.780529	1.24202	1.24202	0.478392	0.456178	0.82464	1
cg19879111	SLC4A3;SLC4A3;SLC4A3;SLC4A3;SL C4A3;SLC4A3	0.853618	0.813201	0.885239	-1.12964	0.852328	1.10072	1.10072	0.978556	0.986254	-1.01394	0.790094	1.34727	1.34727	0.545198	0.729573	-1.37067	0.625305	0.776124	-1.28845	0.931719	1.04512	1.04512	0.239739	1.88501	1.88501	0.244506	1.87191	1.87191	0.478256	2.0086	3.7332	1
cg04184946	AKTIP;AKTIP	0.853621	0.454684	1.41292	1.41292	0.15302	2.00291	2.00291	0.569228	0.770193	-1.29838	0.583153	1.28603	1.28603	0.711469	1.18369	1.18369	0.607279	1.2653	1.2653	0.850329	1.08953	1.08953	0.64983	1.23055	1.23055	0.749074	0.864448	-1.15681	0.47825	1.56053	2.90045	1
cg12665890	KIAA1751	0.853625	0.940797	0.981401	-1.01895	0.903608	0.969841	-1.0311	0.376057	0.79484	-1.25812	0.614411	0.879502	-1.13701	0.770602	0.928761	-1.0767	0.750676	0.922584	-1.08101	0.41516	1.23433	1.23433	0.22005	0.721849	-1.38533	0.616135	1.13608	1.13608	0.478245	0.483919	0.899435	1
cg14402017	FITM5	0.85369	0.513198	0.641903	-1.55804	0.37634	0.775579	-1.28937	0.862805	0.840565	-1.18975	0.623775	0.845341	-1.18295	0.233207	0.580282	-1.7237	0.592792	0.750855	-1.33154	0.480769	0.744449	0.764052	-1.30854	0.480769	-2.0531	0.912593	0.920614	-1.08623	0.478229	0.472992	0.738842	1
cg08927488	ZNF687	0.853635	0.886454	0.983181	-1.01711	0.696387	0.954514	-1.04765	0.271441	1.14559	1.14559	0.319097	0.884937	-1.13002	0.83981	1.02432	1.02432	0.957821	1.0063	1.0063	0.33193	1.12618	1.12618	0.729872	0.94201	1.04201	0.861752	1.02091	1.02091	0.47823	0.106749	0.198415	1
	ZNF687;C7orf50;QPER;C7orf50;C7orf50;C7orf50																															
cg06440934	PER	0.853641	0.876871	0.932954	-1.07186	0.570413	0.773615	-1.29263	0.44402	0.705194	-1.41805	0.714392	0.848304	-1.17882	0.46299	0.715777	-1.39708	0.931878	1.03901	1.03901	0.126504	0.847135	-1.26097	0.721048	0.851736	-1.17407	0.399987	0.680018	-1.47055	0.478223	1.51739	2.82043	1
cg27527922	RPL22	0.853641	0.76568	1.16721	1.16721	0.962656	1.02452	1.02452	0.570636	1.34513	1.34513	0.553134	1.36373	1.36373	0.589788	0.754595	-1.32522	0.720189	0.83505	-1.20409	0.911302	1.05934	1.05934	0.377561	1.59742	1.59742	0.170249	2.12887	2.12887	0.47822	2.02693	3.76754	1
cg16352394	AHR	0.853651	0.716123	1.37224	1.37224	0.14518	2.41948	2.41948	0.62585	1.36484	1.36484	0.784031	1.10736	1.10736	0.421429	0.964041	-1.03717	0.743555	0.821531	-1.21731	0.615553	0.833533	-1.19968	0.562864	1.24252	1.24252	0.907104	0.957591	-1.04428	0.478206	0.61857	0.93978	1
cg12181797	ZNF509;YAR;IAR;ZNF509	0.853664	0.73182	0.732407	-1.36536	0.979323	0.970349	-1.0277	0.868404	0.86061	-1.16197	0.732161	1.36479	1.36479	0.262665	0.347421	-2.87836	0.679044	0.745741	1.45741	0.28094	0.280994	2.70793	2.70793	?	?	?	?	0.73897	1.35355	1.35355	0.459891	5.30579	11.5371	1
cg08768904	DGKZ;DGKZ;DGKZ;DGKZ	0.853673	0.742638	0.78624	-1.27208	0.815412	1.32482	1.32482	0.185438	1.37088	1.37088	0.845753	1.14198	1.14198	0.376826	0.888577	-1.12535	0.635775	0.853966	1.44449	1.44449	0.670207	1.49202	1.49202	0.764052	1.22777	1.22777	0.808575	1.18296	1.18296	0.478172	0.429972	0.738842	1
cg02075405	LTB;LTB	0.853681	0.134464	0.197271	-5.06916	0.940274	0.927404	-1.07828	0.654795	1.57245	1.57245	0.964793	0.956582	-1.04539	0.711749	1.45251	1.45251	0.704504	1.467	1.467	0.738636	0.714055	-1.40045	0.935863	0.922242	-1.08431	0.452803	0.463363	-2.15813	0.478161	0.766078	14.2412	1
cg20504025	XRRA1;SPC52	0.853686	?	?	?	0.977982	0.956074	-1.04594	0.82227	1.44254	1.44254	0.597247	0.418667	-2.38865	0.869853	0.765691	-1.30601	0.470298	0.332971	3.02971	0.245834	0.744799	0.74799	0.745086	1.70173	1.70173	0.373264	0.448987	0.448987	0.449771	15.9754	26.6391	1
cg14024328	PCGF3	0.853705	0.479756	2.30363	2.30363	0.761097	0.545865	1.83367	0.174407	0.54383	1.83843	0.742772	1.466	0.682	0.98702	1.5846	1.5846	0.731887	1.6155	1.6155	0.693383	1.44	1.44	0.499198	1.76581	1.76581	0.663372	1.66316	1.66316	0.47821	0.10158	18.995	1
cg27439456	OSCP;LOSCP;1	0.853724	0.981883	1.01327	1.01327	?	?	?	0.956798	1.03195	1.03195	0.740918	1.21252	1.21252	0.779304	0.849473	-1.1772	?	?	?	0.491698	1.50135	1.50135	0.423719	0.621375	-1.60933	0.286149	1.90929	1.90929	0.433554	1.76171	4.06341	1
cg26383803	THOC1	0.853756	0.879886	1.02847	1.02847	0.711504	0.615422	-1.6249	0.336106	1.60136	1.60136	0.879569	1.21913	1.21913	0.838372	1.12508	1.12508	0.6499	1.81694	1.81694	?	?	?	?	0.20028	0.20028	0.839759	0.767534	1.30287	0.479751	11.053	24.6413	1
cg15771339	NKAP	0.853757	0.348617	0.301714	-3.3144	0.80566	0.736307	-1.35813	0.928023	0.11873	1.11873	0.26729	4.20017	4.20017	0.964644	0.949101	-1.05363	0.33758	0.292969	-3.41333	0.574024	0.495944	2.02452	0.867948	1.22954	1.22954	0.824496	1.31761	1.31761	0.478046

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME ISLR2,LOC283731;ISLR2;ISLR2;ISLR2;ISLR2;ISL	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(1 vs.105T)	p-value(111T vs. N)	Fold-Change(1 vs.111T)	p-value(112T vs. N)	Fold-Change(1 vs.112T)	p-value(121T vs. N)	Fold-Change(1 vs.121T)	p-value(1217 vs. N)	Fold-Change(1 vs.217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(353T vs. N)	Fold-Change(1 vs.353T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(537T vs. N)	Fold-Change(1 vs.537T)	p-value(563T vs. N)	Fold-Change(1 vs.563T)	F(Error)	SS(Test)	SS(Error)	df
cg02709205	R2	0.854802	0.398052	0.410552	-2.43574	0.477199	0.475403	-2.10348	0.78804	0.757862	-1.3195	0.512088	0.504542	-1.982	0.154104	0.2081	-4.80538												
cg12701942	PBX1	0.854813	0.522377	1.31227	1.31227	0.28375	0.627009	-1.59487	0.864016	0.93067	-1.0745	0.492588	1.33926	1.33926	0.977882	0.988447	-1.01169	0.355961	1.48883	1.48883	0.525277	1.30972	1.30972	0.802015	1.11105	1.11105	0.519915	1.31444	1.31444	0.674658	1.3258	2.47343	1
cg02457207	SPG7;SPG7	0.854831	0.994314	1.003	1.003	0.50242	1.31907	-1.31907	0.171973	1.80676	1.80676	0.681611	1.8454988	-1.18273	0.884475	1.060915	1.060915	0.721861	1.864059	-1.15652	0.359184	1.40751	-1.40751	0.783104	1.11881	1.11881	0.762065	0.883784	-1.1315	0.476385	1.24883	2.3302	1
cg17205324	EFS;EFS	0.854866	0.880014	0.900051	-1.11105	0.184372	0.374718	-2.66867	0.960268	1.03534	0.305257	2.09612	0.209612	0.838495	0.867385	-1.15289	0.985017	0.986994	-1.01318	0.474315	0.602143	-1.66074	0.997403	0.997734	-1.00227	0.91433	1.07791	1.07791	0.731678	3.66074	6.84188	1
cg18222961	MSH6	0.854867	0.402043	1.39837	1.39837	0.695667	1.16614	1.16614	0.546106	1.26976	1.26976	0.412578	1.36769	1.36769	0.50038	1.765382	-1.36561	0.456642	1.345	1.345	0.385824	1.41564	1.41564	0.585787	1.24003	1.24003	0.580543	0.803952	-1.24386	0.46737	1.15325	2.15188	1
cg21094405	MCF2L;MCF2L DMD;DMD;DMD;DMD;DMD;DMD;DMD;DM D;DMD;DMD;DMD;DMD;DMD;DMD;D	0.8548	0.820069	0.864674	-1.15651	0.875017	1.10568	1.10568	0.56561	0.690277	-1.44869	0.789841	1.18587	1.18587	0.806987	0.85537	-1.16908	0.641764	0.741542	-1.34854	0.161798	0.385404	-2.59468	0.410934	0.584721	-1.71022	0.550236	1.47074	1.47074	0.476357	3.07301	5.73428	1
cg03170193	MD;DMD;DMD;DMD;DMD	0.854899	0.312814	0.263296	-3.798	0.848958	0.783172	-1.27597	0.897277	1.17951	1.17951	0.334097	1.57287	1.57287	0.964131	1.05916	1.05916	0.243941	0.210506	-4.75046	0.846064	0.780014	-1.28203	0.840687	1.29338	1.29338	0.948517	1.08604	1.08604	0.476329	12.3254	23.0007	1
cg22951582	SEMA5A	0.854901	0.458636	1.31338	1.31338	0.382488	1.38201	1.38201	0.388974	1.37566	1.37566	0.563745	1.23471	1.23471	0.298192	1.47633	1.47633	0.316584	1.45357	1.45357	0.257376	1.53265	1.53265	0.69179	1.15481	1.15481	0.899085	1.0469	1.0469	0.476325	0.984468	1.83715	1
cg05425602	MIR30B	0.854913	0.424451	1.74406	1.74406	0.32822	0.502512	-1.99	0.337634	0.500647	-1.96214	0.900941	0.918594	-1.08862	0.914707	0.929551	-1.07579	0.865138	1.12289	1.12289	0.588066	1.45193	1.45193	0.46536	1.65967	1.65967	0.804939	1.18379	1.18379	0.476307	3.50746	6.54565	1
cg11179180	OS24	0.854932	0.611304	1.23916	1.32916	0.732597	1.20974	1.20974	0.860906	1.10227	1.10227	0.865268	0.910227	-1.09887	0.632005	1.30719	1.30719	0.415777	1.58689	1.58689	0.314098	2.06723	2.06723	0.95563	1.38047	1.38047	0.390363	0.631454	-1.63011	0.476296	2.32512	4.33926	1
cg07229076	ARL4A;ARL4A;ARL4A	0.8549	0.497604	2.02731	2.02731	0.966237	0.957465	-1.04442	0.465138	0.466309	-2.1445	0.412567	2.36263	2.36263	0.553621	0.540666	-1.84957	0.321895	2.85832	2.85832	0.495524	0.491527	-2.03448	0.932456	0.916679	-1.09089	0.899689	1.13818	1.13818	0.476252	7.94464	14.8281	1
cg04487155	CTCF	0.854962	0.707351	1.0982	1.0982	0.618959	0.882914	-1.13261	0.750094	0.926444	-1.0794	0.483097	1.19368	1.19368	0.368066	1.2578	1.2578	0.507048	0.846042	-1.18197	0.581212	1.14841	1.14841	0.363963	0.793167	-1.26077	0.69257	1.10374	1.10374	0.476234	0.465312	0.868504	1
cg26615017	ERBB2;ERBB2	0.854984	0.653725	1.81548	1.21548	0.447255	0.714438	-1.3997	0.344062	0.656256	-1.5238	0.344359	1.5276	1.5276	0.480623	0.735967	-1.35937	0.742649	1.86728	-1.35303	0.794383	1.19449	1.19449	0.848648	1.08007	1.08007	0.591329	0.791177	-1.26394	0.4762	1.40858	2.62929	1
cg14311481	SART3	0.854999	0.398051	0.652219	-1.53323	0.745278	0.851288	-1.17469	0.399197	1.53156	1.53156	0.955427	1.02799	1.02799	0.877503	0.926646	-1.07916	0.580252	0.758895	-1.31771	0.208962	0.519882	-1.92351	0.670183	0.809287	-1.23566	0.776237	1.15113	1.15113	0.476178	1.83978	3.43435	1
cg24564640	KDM2A;KDM2A	0.855001	0.797181	0.951794	-1.05065	0.562996	0.891879	-1.11872	0.427898	1.16798	1.16798	0.432558	1.56609	1.56609	0.942605	1.20632	1.20632	0.897322	1.02508	1.02508	0.952772	1.01143	1.01143	0.242699	1.26434	1.26434	0.997543	0.999408	-1.00059	0.476174	0.277557	0.518123	1
cg09904774	CTNS;SHPK;CTNS	0.855001	0.926043	1.02844	1.02844	0.412729	1.28784	1.28784	0.975575	1.00929	1.00929	0.884678	0.917107	-1.04482	0.639879	1.25267	1.25267	0.236825	1.4541	1.4541	0.137248	1.54902	1.54902	0.698687	1.12553	1.12553	0.757164	1.09822	1.09822	0.476162	0.688126	1.29458	1
cg19687728	FURT2	0.855011	0.449228	0.646336	-1.54718	0.459952	0.653243	-1.53082	0.673247	0.786585	-1.27132	0.859951	0.904879	-1.10512	0.22883	0.489303	-2.04373	0.421561	1.59151	1.59151	0.902807	0.933192	-1.07159	0.622882	1.32384	1.32384	0.842205	0.89332	-1.11942	0.476159	2.41571	4.50962	1
cg05572179	LOC100130987;CLCF1;CLCF1	0.855018	0.843566	0.80409	-1.24398	0.744304	0.891134	-1.12209	0.511811	1.47832	1.47832	0.568536	0.712777	-1.40296	0.217098	0.460285	-2.17241	0.82635	0.878901	-1.13779	0.448751	0.635389	-1.57384	0.29564	0.529547	-1.88841	0.964202	1.02687	1.02687	0.476149	2.60288	4.85913	1
cg26561844	EP400	0.855042	0.909215	0.900731	-1.11021	0.22055	3.25589	3.25589	0.199298	3.46602	3.46602	0.86601	0.856604	-1.1674	0.958929	0.953897	-1.04833	0.727035	0.725278	-1.37878	0.889514	1.13587	1.13587	0.64827	1.53024	1.53024	0.849976	0.804672	-1.18952	0.476113	0.634438	11.8261	1
cg16888106	NUFIP2	0.855044	0.468389	1.34419	1.34419	0.689659	1.46041	1.46041	7	?	?	?	0.868225	0.941315	-1.06234	?	?	0.545287	?	?	0.555579	2.5058	2.5058	?	?	?	0.358433	0.41056	-4.41056	0.358052	6.3628	14.2165	1
cg06478457	PRR15	0.855093	0.337116	0.508272	-1.96745	0.447101	1.69874	1.69874	0.710232	1.29074	1.29074	0.400671	0.561808	-1.77997	0.396995	0.552614	-1.80958	0.726368	0.786421	-1.27158	0.91308	0.928053	-1.07753	0.826495	0.860604	-1.16197	0.532965	1.54008	1.54008	0.476036	3.52558	6.58322	1
cg09979256	RSPO3;RSPO3	0.855096	0.639987	0.901568	-1.10918	0.777599	0.939611	-1.06427	0.846337	0.95822	-1.0435	0.911613	1.02473	1.02473	0.500329	1.1624	1.1624	0.759588	0.934711	-1.06985	0.303171	0.809208	-1.23566	0.385997	1.2159	1.2159	0.952302	1.03642	1.03642	0.476032	0.364801	0.681189	1
cg05182265	ADAL;ASNS;ASNS	0.855113	0.367324	1.30991	1.30991	0.661723	0.732278	1.36556	1.36556	0.693259	1.4423	0.5354	1.16872	1.16872	0.503329	1.98545	1.98545	0.407445	2.6552	2.6552	0.160069	7	?	0.556657	1.52311	1.52311	0.57982	1.48555	1.48555	0.476093	1.22736	7.05137	1
cg04517079	FOXP4;FOXP4;FOXP4	0.855114	0.421734	0.674226	-1.48318	0.207639	0.528255	-1.89303	0.511777	0.726437	-1.37658	0.88998	0.935685	-1.06874	0.397027	0.659322	-1.51671	0.566389	0.75701	-1.32099	0.720187	1.18859	1.18859	0.729864	0.84663	-1.18115	0.633165	1.25979	1.25979	0.476005	1.73914	3.24766	1
cg09323337	BRAG2;BRAG2	0.855119	0.399203	0.843045	-1.18579	0.214844	0.770968	-1.29729	0.237007	0.950159	-1.05025	0.970185	0.992582	-1.00747	0.917996	0.970833	-1.03029	0.649215	0.912813	-1.09551	0.185981	0.778583	-1.28474	0.409037	0.923507	-1.08236	0.899563	1.02547	1.02547	0.475936	0.29913	0.558673	1
cg01087382	MAP3K7;MAP3K7;MAP3K7	0.855162	0.691122	0.925015	-1.08106	0.698666	0.926889	-1.07888	0.550041	1.12527	1.12527	0.87776	0.970407	-1.03105	0.867973	1.33214	1.33214	0.361844	1.20073	1.20073	0.639533	1.09643	1.09643	0.802876	1.05003	1.05003	0.68404	1.08313	1.08313	0.475931	1.28711	0.536238	1
cg01040523	CCNA1;CCNA1	0.855164	0.310789	0.511844	-1.95372	0.93707	1.05172	1.05172	0.681997	0.768662	-1.30096	0.823929	0.86735	-1.15294	0.305381	0.507736	-1.96953	0.697525	1.2831	1.2831	0.857835	0.891802	-1.12132	0.25952	0.471807	-2.11951	0.408547	0.582844	-1.71573	0.475928	3.07422	5.7417	1
cg18493677	TRPV3	0.855179	0.568329	1.75921	-1.41394	0.194727	0.418101	-2.39158	0.650386	0.759939	-1.31589	0.916099	0.958502	-1.04317	0.599206	0.852015	-1.17332	0.520105	1.47901	1.47901	0.342367	0.974341	-1.02636	0.946936	0.952526	-1.05007	0.94202	1.31978	1.31978	0.503158	1.07582	1.67582	1
cg01736316	CDH1	0.855189	0.937329	0.984085	-1.01617	0.496255	1.15135	1.15135	0.253709	1.28855	1.28855	0.829744	1.04491	1.04491	0.913295	1.13298	1.13298	0.914448	0.978812	-1.02269	0.735132	0.933072	-1.07173	0.322045	0.811639	-1.23207	0.767318	1.0624	1.0624	0.475891	0.31369	0.585923	1
cg04227985	PPP1R3B	0.855197	0.526288	0.814343	-1.22814	0.743302	0.749621	-1.33401	0.942493	0.93867	-1.06534	0.920663	0.717316	-1.39407	0.464102	0.894294	-1.11833	0.907482	1.10218	1.10218	0.928389	0.924744	-1.08133	0.907482	0.998065	-1.00194	0.882254	1.16457	1.16457	0.47588	2.32205	4.01997	1
cg25682920	ZNF563 FOXJ1;TCOF1;TCOF1;TCOF1;TCOF1;TC OF1;TCOF1;TCOF1;TCOF1;TCOF1;TCOF	0.855208	0.670936	0.929944	-1.07533	0.391795	1.1608	1.1608	0.55117	1.10791	1.10791	0.399317	0.863604	-1.15794	0.7672	1.05175	1.05175	0.930493	0.985283	-1.01494	0.859247	0.970284	-1.03063	0.294292	0.831217	-1.20306	0.61505	1.09	1.09	0.475862	0.217679	0.406614	1
cg16090273	LTCOF1	0.855217	0.991712	1.00323	1.00323	0.5886	1.18449	1.18449	0.448336	1.27072	1.27072	0.406452	0.768494	-1.30125	0.634596	0.862041	-1.16004	0.216575	1.49655	1.49655	0.899854	0.961715	-1.03981	0.758217	0.908705	-1.10047	0.852276	1.0595	1.0595	0.475849	0.724531	1.35343	1
cg12335788	MYLK;MYLK;MYLK;MYLK	0.855237	0.523828	1.90931	1.90931	0.729637	0.607726	-1.64523	0.591391	1.68853	1.68853	0.711895	0.814895	-1.22711	0.837628	1.11885	1.11885	0.660503	0.726091	-1.37655	0.415446	0.893008	-1.11981	0.941906	1.02679	1.02679	0.875318	1.11992	1.11992	0.475818	0.92192	1.72661	1
cg13030331	ANKMY1;ANKMY1	0.855242	0.941399	0.957207	-1.04471	0.857158	1.11314	1.11314	0.186902	2.29847	2.29847	0.217335	2.16434	2.16434	0.165283	0.903812	-1.10643	0.924738	0.94534	-1.05782	0.858191	0.899068	-1.11226	0.551115	1.43156	1.43156	0.739455	1.21964	1.21964	0.475812	2.66489	4.98215	1
cg05848389	DYNC1H1	0.855258	0.25561	2.9749	2.9749	0.245688	3.05068	3.05068	0.550813	1.74095	1.74095	0.333561	2.49983	2.49983	0.708861	1.41136	1.41136	0.327984	2.52826	2.52826	0.479537	1.93534	1.93534	0.794035	1.27169	1.27169	0.813635	1.24226	1.24226	0.475787	6.35883	11.8799	1
cg14736210	KCNB1	0.855262	0.591829	1.37651	1.37651	0.49564	1.3448	1.3448	0.744173	1.23982	1.23982	0.189702	1.73761	1.73761	0.622982	1.60577	1.60577	0.521035	1.72319	1.72319	0.599229	1.37833	1.37833	0.59317	1.38584	1.38584	0.797742	1.16812	1.16812	0.475785	0.154507	0.288553	1
cg04968900	DLGFXDX;FXYD6;FXYD6	0.855284	0.788358	0.921925	-1.08469	0.494011	0.811077	-1.23293	0.872408	1.04975	1.04975	0.908106	1.00072	1.00072	0.68665	1.12941	1.12941	0.35109	1.33637	1.33637	0.229619	0.68328	-1.46353	0.916443	0.968864	-1.03214	0.493852	0.810647	-1.23358	0.475748	0.687788	1.28506	1
cg13931228	MPP6	0.855291	0.593206	0.850557	-1.1757	0.728887	0.900818	-1.1101	0.647827	1.14804	1.14804	0.694215	0.888154	-1.12593	0.665266	0.877506	-1.13959	0.324367	0.736737	-1.35734	0.154798	0.633102	-1.57952	0.82647	1.06813	1.06813	0.864705	0.950095	-1.05253	0.475738	0.67897	1.26862	1
cg11540001	HIST2H3C;HIST2H3A	0.855305	0.609804	0.86973	-1.14978	0.20965	0.411311	1.41311	0.40553	1.2609	1.2609	0.69362	0.899773	-1.11139	0.564468	0.853866	-1.17114	0.840606	0.944852	-1.05913	0.858599	0.952783	-1.04959	0.943677	0.981021	-1.01935	0.560837	1.17291	1.17291	0.475716	0.554152	1.60545	1
cg11338389	CDX8A	0.855326	0.456426	1.41497	1.41497	0.226749	1.79236	1.79236	0.225486	1.79554	1.79554	7	0.997607	-1.00201	0.683896	1.27192	1.27192	0.796509	1.12521	1.12521	0.841012	1.09601	1.09601	0.768045	0.868548	1.08853	1.08853	0.781023	1.09726	1.09726	2.51144	1
cg22921229	MCF2L;MCF2L	0.855321	0.405889	0.693724	-1.4415	0.325406	1.54758	1.54758	0.280831	1.61941	1.61941	0.858706	1.07964	1.07964	0.628983	0.811095	-1.2329	0.83495	0.914183	-1.09387	0.84877	0.921183	-1.08556	0.735336	0.864237	-1.15709	0.703481	0.848354	-1.17875	0.475692	1.39332	2.60359	1
cg06876803	GOT1	0.855325	0.909068	0.98773	-1.01273	0.90965	1.01484	1.01484	0.753158	1.15135	1.15135	0.643789	1.2666	1.2666	0.533315	1.38017	1.38017	0.842116	1.09884	1.09884	0.342516	0.606883	-1.64876	0.476776	0.864705	1.00985	1.00985	0.845493	1.10477	1.10477	0.475686	0.96474	1.65741	1
cg23844497	ZNF784	0.855339	0.952346	1.0161	1.0161	0.600451	1.1517	1.1517	0.316082	1.33918	1.33918	0.331504	0.765988	-1.3055	0.608421	0.871011	-1.14809	0.767561	1.08243	1.08243	0.720233	1.10088	1.10088	0.563026	0.855328	-1.16914	0.50638	0.835119	-1.19743	0.475665	0.538065	1.0055	1
cg20504513	ADORA2B;ADORA2B	0.855534	0.823176	1.20499	1.20499	0.672455	2.64923	2.64923	0.268774	2.79394	2.79394	0.959698	1.05287	1.05287	0.803822	0.812726	-1.23043	?	?	?	0.555315	0.663631	-1.50686	0.981265	1.01973	1.01973	0.457348	0.464609	0.97196	1
cg22573917	WNT1	0.855352	0.637452	0.808052	-1.23756	0.344504	1.54833	1.54833	0.761859	0.872439	-1.14621	0.721022	1.17468	1.17468	0.370318	0.661625	-1.51143	0.854651	0.920965	-1.08582	0.936687	0.964959	-1.03631	0.534605	1.56328	1.56328	0.530279	1.33035	1.33035	0.475646	1.51859	2.83795	1
cg17194243	FAM48A;FAM48A	0.855363	0.684435	1.2511	1.2511	0.5684	0.74627	-1.34	0.226164	2.00726	2.00726	0.80855	0.986920	-1.01324	0.633939	1.30084	1.30084	0.831002	0.88943	-1.12431	0.658316	0.78348	-1.27636	0.309345	1.78033	1.78033	0.564096	1.37669	1.37669	0.475629	2.62428	4.23164	1
cg22053108	SCRIB;SCRIB	0.855373	0.940305	1.04205	1.04205	0.857651	1.18154	1.18154	0.641543	1.87998	1.87998	0.620007	1.62891	1.62891	0.512895	1.29193	1.29193	0.732243	1.37123	1.37123	0.429187	2.19854	2.19854	0.506361	1.93193	1.93193	0.772912	1.32635	1.32635	0.475628	1.37232	3.14141	1
cg03437605	RHOBTB2	0.855395	0.781009	0.855915	-1.16834	0.473142	1.5028	1.5028	0.287503	0.53982	-1.85247	0.384277	1.64547	1.64547	0.882806	0.920951	-1.08583	0.881607	1.08676	1.08676	0.323119	1.76783	1.76783	0.949282	1.03615	1.03615	0.869804	1.0959	1.0959	0.475581	2.34749	4.38759	1
cg26682337	SHSH72	0.855396	0.291747	1.64539	1.64539	0.893898	1.06263	1.06263	0.687421	1.20217	1.20217	0.54284	1.32365	1.32365	0.755192	0.865178	-1.15583	0.513274	1.9523	1.9523	0.667954	1.23706	1.23706	0.155729	0.99655	0.99655	0.953889	1.02667	1.02667	0.47558	1.5082	2.91728	1
cg10989441	TRIM67	0.855402	0.747842	0.90045	-1.11056	0.167676	0.619974	-1.61297	0.741359	0.897918	-1.11369	0.494614	0.798142	-1.25291	0.974269	1.01054	1.01054	0.577836	0.832955	-1.20054	0.476733	0.790402	-1.26518	0.495855	1.27715	1.27715	0.806066	0.92315	-1.08325	0.475571	0.796022	1.48784	1
cg04214710	PTPRN2;PTPN2;PTPRN2	0.855426	0.783553	1.11378	1.11378	0.28656	0.648487	-1.54205	0.339138	1.47048	1.47048	0.51511	1.29474	1.29474	0.624373	1.21306	1.21306	0.773785	1.11939	1.11939	0.443419	0.736519	-1.35774	0.944578	0.973158	-1.02758	0.996671	0.998368	-1.00163	0.475534	1.15357	2.15629	1
cg21739658	KCTD1;KCTD1	0.855436	0.479556	0.776929	-1.28733	0.444144	0.746965	-1.33924	0.76652	0.870185	-1.14935	0.592582	1.10788	1.10788	0.743115	0.958578	-1.04307	0.747994	1.10055	1.10055	0.408808	0.576982	-1.73321	0.560324	0.747976	-1.34957	0.741149	1.01052	1.01052	0.632804	1.41747	2.97519	3.95605	2.39306	1
cg09985745	DACT1;DACT1	0.855623	0.85079	1.04929	1.04929	0.890531	0.965429	-1.03581	0.551144	0.857311	-1.16644	0.980488	1.00627	1.00627	0.676196	0.942434	-1.06108	0.776949	0.93004	-1.07526	0.121844	1.53488	1.53488	0.739087	0.918146	-1.08915	0.707672	0.908876	-1.10026	0.475233	0.491304	0.918952	1
cg16268863	SNW1;C14orf178	0.855643	0.817607	1.14799	1.14799	0.6	0.826474	-1.27219	0.444568	1.0784	1.0784	0.8511	1.06447	1.06447	0.851164	0.947737	-1.05503	1.16043	1.16043	0.629	1.16043	1.22995	1.22995	0.642526	1.15349	1.15349	0.888387	1.12557	1.12557	0.475226	1.74711	0.448267	2.21505	3.8898	1
cg19258882	ERBB3;ERBB3	0.855631	0.811408	0.86647	-1.15411	0.169785	0.416096	-2.40329	0.507879	0.668458	-1.49598	0.786173	0.849555	-1.17709	0.375095	0.579354	-1.72606	0.331719	0.54856	-1.82296	0.630182	0.747604	-1.33761	0.764804	0.835352	-1.1971	0.727241	1.23163	1.23163	0.475225	2.70589	5.06126	1
cg17461595	PLEKHG2;PLEKHG2	0.855566	7	?	0.610826	1.78747	1.78747	0.889554	0.985352	-1.01447	0.360982	0.747094	-2.88106	?	?	?	0.555982	1.39323	0.904574	?	?	0.463923	?	-2.15549	0.61056	1.77052	1.39442	5.12174	12.8	1
cg05781135	LOC102270746;CSorf41	0.855621	0.883962	1.19045	1.19045	0.7	0.845211	1.08545	1.08545	0.894515	1.08549	1.08549	0.895317	0.854324	-1.17052	0.142015	1.68748	-6.72278	0.806782	1.33986	1.33986	0.661127	0.59037	-1.69385	0.981861	1.12933	1.12933	0.452265	1.87973	17.1797	1
cg14032725	DMWD	0.8557	0.785721	1.11679	1.11679	0.789024	1.11484	1.11484	0.336309	1.49459	1.49459	0.993806	0.996858	-1.00315	0.972146	0.985947	-1.01425	0.30305	1.54099	1.54099	0.932418	1.03498	1.03498	0.341122	1.48829	1.48829	0.385332	0.697147	-1.43442	0.475122	1.23636	2.31306	1
cg02857643	NA\G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	0.855483	0.542052	1.55064	1.55064	0.473856	1.67819	1.67819	0.420008	1.79603	1.79603	0.333587	2.03165	2.03165	0.304078	0.469304	-2.13082	0.879025	1.11433	1.11433	0.75456	1.2497	1.2497	0.550278	1.53657	1.53657	0.910537	1.08316	1.08316	0.475448	3.80381	7.11153	1
cg12077294	MORN1 FAM172A;FAM172A;FAM172A;FAM172	0.855522	0.221369	0.647955	-1.54332	0.438732	1.30554	1.30554	0.996862	0.998673	-1.00133	0.907981	0.961719	-1.0398	0.523634	0.803977	-1.24382	0.94531	0.977107	-1.02343	0.651113	1.16611	1.16611	0.424722	0.759423	-1.31679	0.718052	1.13021	1.13021	0.475389	0.857988	1.60428	1
cg25771615	A;MIR2277	0.855546	0.525241	1.17885	1.17885	0.988815	0.996424	-1.00359	0.864554	1.0446	1.0446	0.517584	1.18255	1.18255	0.190523	1.42519	1.42519	0.919782	0.974582	-1.02608	0.648335	0.889264	-1.12453	0.410298	0.806373	-1.24012	0.838479	1.05355	1.05355	0.475353	0.491812	0.919666	1
cg01209278	THOC5;THOC5;THOC5;THOC5	0.855549	0.449709	1.083	1.083	0.306736	1.15172	1.15172	0.416687	1.11718	1.11718	0.690723	1.05484	1.05484	0.865398	1.02291	1.02291	0.589833	1.07536	1.07536	0.501061	1.09545	1.09545	0.150179	1.22864	1.22864	0.706511	1.05179	1.05179	0.475349	0.134162	0.250879	1
cg12636126	SEC61A2;SEC61A2;MUTP;SEC61A2	0.855561	0.453838	1.4438	1.4438	0.693309	0.649681	-1.53894	0.443253	0.719854	1.38813	1.38813	0.442335	0.774561	-1.29107	0.907399	0.907399	0.743503	1.34577	1.34577	0.708857	1.14514	1.14514	0.428948	0.723882	1.38144	0.475331	1.62117	1.62117	0.475166	0.31656	0.592	1
cg02650017	PHOSPHO1;PHOSPHO1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	Ratio(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	t(Error
cg20859348	C17orf39;CCDC137		0.8884382	0.944818	-1.05841	0.4049835	0.70906	-1.41032	0.653539	0.8331958	-1.19997	0.9668312	0.98395	-1.01631	0.953276	0.9766335	-1.02392	0.5376542	1.28636	1.28636	0.883765	0.942684	-1.0608	0.1880893	1.7555	1.7555	0.589087	0.802493	-1.24612	0.473919	1.22188	2.29178	1
cg20631204	ZNF562;ZNF562;ZNF562		0.856542	0.413112	0.794644	-1.25843	0.313049	0.750767	-1.33197	0.321339	0.754676	-1.32507	0.384552	0.782767	-1.27752	0.95681	0.985232	-1.01499		0.4522607	0.810287	-1.23473	0.827898	0.941943	-1.01614	0.367849	0.775608	-1.28931	0.737401	1.09685	1.09685	0.473851	0.566367	1.06244	1
cg14807837	CGNL1		0.8565646	0.535814	0.84951	-1.17715	0.5556558	0.856375	-1.16771	0.301761	1.32088	1.32088	0.821146	1.06067	1.06067	0.308943	0.760402	-1.31509		0.6376644	1.13134	1.13134	0.637568	1.13138	1.13138	0.960088	0.987067	-1.0131	0.741914	0.917628	-1.08977	0.4738844	0.5077952	0.952572	1
cg09828563	ARID3A		0.8565646	0.386908	0.83186	-1.19925	0.990035	1.002133	1.002133	0.688785	0.920817	-1.08599	0.997087	0.9992922	-1.00075	0.4594846	1.16687	1.16687		0.585404	1.11949	1.11949	0.50772	0.871361	-1.14763	0.357292	1.21408	1.21408	0.489822	1.15483	1.15483	0.378819	0.315074	0.5910182	1
cg13446110	PDE3A		0.8565565	0.437608	0.477778	-2.09302	0.875359	0.863793	-1.15768	0.70876	1.41907	1.41907	0.951586	1.05827	1.05827	0.143285	0.23057	-4.33707		0.494323	0.523407	-1.91056	0.664107	0.6655265	-2.05122	0.853422	0.841542	-1.1883	0.473816	0.529956	12.2496	1
cg16704739	ZNF148		0.8565572	0.481915	0.677814	-1.47533	0.8894413	0.9271	-1.07863	0.570217	1.36638	1.36638	0.499229	0.6883534	-1.45236	0.300876	0.5580095	-1.79181		0.3756858	0.609767	-1.63997	0.971438	1.01967	1.01967	0.68067	0.7983098	-1.25251	0.4837255	1.47289	1.47289	0.473806	2.22128	4.16726	1
cg16369786	DOCK7		0.8565574	0.944792	1.01777	1.01777	0.840328	1.05264	1.05264	0.580186	0.8675449	-1.15267	0.525669	0.8491226	-1.17768	0.96785	1.0103	1.0103		0.9014373	1.032	1.032	0.299829	0.7608898	-1.31424	0.961267	1.01243	1.01243	0.21863	1.38966	1.38966	0.473802	0.485342	0.91054	1
cg26972854	DLX4		0.8565601	0.250361	1.46511	1.46511	0.930136	1.025519	1.025519	0.744378	1.09728	1.09728	0.977917	1.007884	1.007884	0.972798	1.00972	1.00972		0.686759	0.891342	-1.1219	0.195328	1.43495	1.43495	0.651867	1.13754	1.13754	0.432801	1.25551	1.25551	0.473748	0.60408	1.13343	1
cg14207052	DNM1;DNM1;CLI2;CLI2		0.8566613	0.788667	0.941004	-1.03616	0.195692	0.850662	-1.20386	0.474816	1.62994	1.62994	0.812839	1.03089	1.03089	0.545075	0.922216	-1.08435		0.686644	0.947793	-1.05508	0.632577	1.06577	1.06577	0.683003	1.06052	1.06052	0.473744	1.15113	1.15113	0.246084	1
cg05776763	DLST		0.8566617	0.928624	1.01914	1.01914	0.490869	1.15964	1.15964	0.842707	0.958821	-1.04295	0.644586	0.906361	-1.10331	0.668923	1.09533	1.09533		0.181626	1.35003	1.35003	0.533386	0.875009	-1.14285	0.896834	0.972916	-1.02784	0.51463	1.15012	1.15012	0.473737	0.336128	0.630689	1
cg26749543	MYH9		0.8566624	0.39532	0.642108	-1.55724	0.5706645	0.8515	-1.17415	0.238006	1.82306	1.82306	0.785159	0.8702007	-1.14915	0.65661	0.7303	-1.25566		0.6536131	0.794689	-1.25835	0.442274	0.963825	-1.03753	0.769688	1.12014	1.12014	0.477428	1.44414	1.44414	0.473726	1.94214	3.64419	1
cg14480789	NKTR		0.8566628	0.509572	0.813799	-1.22888	0.718507	0.894507	-1.11793	0.696464	0.886265	-1.12833	0.322379	1.37003	1.37003	0.562082	0.820487	-1.21879		0.97961	1.0079	1.0079	0.413664	1.29354	0.593768	1.18035	1.18035	0.517361	0.816964	-1.22404	0.473722	0.711667	1.33537	1
cg22458833	EHMT2;EHMT2		0.8566651	0.911141	0.947567	-1.05556	0.329721	1.167539	1.167539	1.62769	0.554527	1.3358	1.3358	0.992591	1.00451	1.00451	0.656409	0.805042	-1.24217		0.995639	0.99737	-1.00265	0.725865	1.73152	1.73152	0.829274	0.909094	-1.11025	0.995448	0.656056	-1.52426	0.473686	1.75981	3.02235	1
cg19083326	ZSWIM6		0.8566665	0.641222	0.76875	-1.30081	0.918869	0.7505623	-1.33223	0.33506	0.570929	-1.75153	0.499106	1.47233	1.47233	0.650241	0.7730986	-1.29352		0.66294	0.780933	-1.28052	0.6016632	0.557834	-1.79265	0.467254	1.51749	1.51749	0.962317	0.973714	-1.027	0.473665	2.38468	4.47514	1
cg14204564	PRKC;PRKCZ		0.856668	0.558848	0.68852	-1.49584	0.392558	0.550647	-1.81605	0.954101	0.81052	1.13754	1.13754	0.170398	0.393183	-2.55178		0.552013	0.663734	-1.50663	0.52751	0.64657	-1.54662	0.512739	0.63621	-1.57181	0.627152	1.39577	1.43366	0.473722	0.711667	1.33537	1
cg25795625	DHX51		0.8566679	0.548203	1.10087	1.10087	0.744842	1.044727	-1.05404	0.495814	0.8466451	-1.11556	0.712031	1.06038	1.06038	0.806578	1.03915	1.03915		0.907036	0.981697	-1.01864	0.190766	0.8032265	-1.24492	0.675598	1.06882	1.06882	0.562466	1.00702	1.00702	0.473644	0.187574	0.352021	1
cg03756738	PPP2R2D;PPP2R2D;PPP2R2D		0.8566696	0.894237	0.951192	-1.05131	0.783911	1.108951	1.108951	0.449215	0.7481586	-1.33657	0.508034	0.7767633	-1.28739	0.615864	0.826706	-1.20962		0.188721	0.592219	-1.68856	0.772006	1.1155	1.1155	0.870064	1.06352	1.06352	0.35103	0.696916	-1.43489	0.473618	1.0616	1.99242	1
cg10109239	KBTBD11		0.8565707	0.885793	0.936711	-1.06757	0.737225	0.957955	-1.16556	0.553758	1.33325	1.33325	0.464949	0.7707717	-1.40703	0.5608313	0.765245	-1.30677		0.858503	0.921808	-1.08482	0.737972	0.6097734	-1.63323	0.51588	0.49738	-2.01094	0.873673	0.99017	-1.07507	0.473601	1.55244	2.91373	1
cg18449835	VIPR2		0.8565735	0.783672	1.44004	-1.15126	0.2529513	0.557186	-1.79473	0.682468	1.22348	1.22348	0.816587	1.02067	1.02067	0.825699	0.897357	1.11634		0.383577	1.5481	1.54981	0.390308	1.53981	1.53981	0.573521	1.03919	1.03919	0.492407	1.40761	1.40761	0.473559	1.80349	3.38523	1
cg14335506	CACNA1B		0.8565756	0.334641	1.65171	1.65171	0.289886	1.74018	1.74018	0.422376	0.6614611	-1.5118	0.530099	1.37818	1.37818	0.365376	1.59845	1.59845		0.724376	1.19548	1.19548	0.761296	1.16609	1.16609	0.815924	1.1248	1.1248	0.915124	1.05524	1.05524	0.473528	1.90743	3.58056	1
cg03981352	SPATA5L1;SPATA5L1		0.8565756	0.861745	0.918171	-1.08861	0.754846	0.933027	0.938337	-1.06727	0.349966	0.6203329	-1.61747	0.9660907	0.9405229	-1.06352	0.9768364	-1.02353		0.16349	0.455005	-2.19744	?	?	?	0.957215	1.04239	-1.02119	0.668789	0.679479	-1.47172	0.4826164	1.69795	3.29707	1
cg04882234	FCRLA		0.8565757	0.798593	0.704334	-1.41978	0.937556	1.11338	1.11338	0.511386	0.400134	-2.49181	0.821821	0.734038	-1.36233	0.697916	1.70685	1.70685		0.7700564	0.669745	-1.49311	0.440663	1.20309	0.903274	1.18135	1.18135	0.165745	0.131829	-7.58556	0.473525	14.0918	26.4528	1
cg04832916	CAMK2;CAMKK2;CAMKK2;CAMKK2;CA MKK2;CAMKK2		0.8565791	0.786931	1.08356	1.08356	0.991367	0.9968	-1.00321	0.265176	0.708956	-1.41052	0.683099	0.88552	-1.12928	0.291661	0.723181	-1.38278		0.4109775	1.28278	1.28278	0.863822	0.950423	-1.05216	0.679093	1.13114	1.13114	0.863302	0.950236	-1.05237	0.473475	0.657937	1.23519	1
cg26631178	TBX8P1		0.8566811	0.288884	1.66369	1.66369	0.496354	1.37622	1.37622	0.661391	0.81564	-1.22603	0.815687	1.114	1.114	0.250298	0.57381	-1.74274		0.702809	0.837758	-1.19392	0.964267	0.9795	-1.02093	0.810147	0.894689	-1.11771	0.872818	0.928605	-1.07688	0.473444	1.603	3.00962	1
cg20095995	MCF2		0.8566844	0.300932	1.61966	1.61966	0.484415	0.838847	-1.19211	0.683769	0.832759	-1.20932	0.525593	1.21749	1.21749	0.284257	0.5911913	-1.69173		0.311637	0.282691	-3.53743	0.162432	0.511472	-1.95514	0.915582	0.880408	-1.13584	0.794483	0.729722	-1.37008	0.4744	0.3126	0.605889	1
cg27333693	PIP4K2A		0.8566915	0.74568	1.08647	1.08647	0.162307	0.68373	-1.46257	0.639213	1.12787	1.12787	0.911929	1.0286	1.0286	0.990106	1.00317	1.00317		0.75208	0.922413	-1.08411	0.932802	0.978738	-1.02172	0.719231	1.09636	1.09636	0.38281	1.25618	1.25618	0.473288	0.486801	0.914268	1
cg12940557	SF3B1;SF3B1		0.8566933	0.351398	0.790903	-1.26439	0.864604	0.97775	-1.04191	0.843602	1.06252	1.06252	0.611126	0.8827737	0.8827737	0.441892	1.34986	1.34986		0.736241	1.08568	1.08568	0.779425	1.20702	0.667643	1.13141	1.1111	1.1111	0.43706	0.443198	0.832425	1
cg13799140	ROD1;ROD1;ROD1		0.8566995	0.432002	1.51033	1.51033	0.987766	1.00791	1.00791	0.503468	1.41775	1.41775	0.873454	0.921317	-1.0854	0.92292	1.08502	1.08502		0.197811	0.496645	-2.01351	0.797497	0.878631	-1.14115	0.652334	1.36221	1.36221	0.637491	1.27639	1.27639	0.473476	0.98108	3.7217	1
cg21240950	MP4		0.8567004	0.366955	0.855669	-1.16868	0.82976	0.964435	-1.03688	0.740457	1.0575	1.0575	0.852594	1.02298	1.02298	0.846105	1.03122	1.03122		0.523472	0.83696	-1.11488	0.222498	1.24061	1.24061	0.798057	0.957796	-1.04406	0.516246	0.895212	-1.11705	0.473153	0.211957	0.398192	1
cg16405801	FBXO42		0.8567013	0.905267	0.972342	-1.02848	0.593107	0.978455	-1.0488	0.616925	0.8806544	-1.14113	0.801973	0.9036248	0.9036248	0.760836	0.9849353	-1.01525		0.647396	0.807128	-1.23896	0.614311	0.8010961	-1.24842	0.497139	0.845887	0.777302	-1.2865	0.9134113	1.0961	1.0961	0.91518	1.02542	0.973139	0.415887	0.781129	1
cg11401866	HSPB1		0.8567024	0.351716	2.35837	2.35837	0.620135	0.641483	-1.55889	0.740404	0.744557	-1.34308	0.99152	0.990629	-1.00946	0.295376	0.648933	2.64893		0.953489	1.05304	1.05304	0.430782	0.481427	-1.24777	0.735737	0.740426	-1.35057	0.461571	0.56458	7.89359	1
cg07389699	HLA-DOB2		0.8567035	0.626678	0.760626	-1.31526	0.640635	0.926308	0.926308	-1.07976	0.762108	0.6610155	-1.51264	0.9308158	0.931999	0.8438247	1.18543	1.18543		0.900857	0.853128	-1.1694	0.807784	0.936205	-1.06804	0.807317	1.17099	1.17099	0.642485	0.214395	0.854403	1
cg23117592	UNC80;UNC80		0.8567034	0.772876	0.903104	-1.10729	0.193673	0.616088	-1.62314	0.978542	1.00952	1.00952	0.478504	0.775879	-1.28886	0.695324	0.87056	1.14869		0.955301	0.980452	-1.01994	0.598797	1.20561	1.20561	0.428662	0.752338	-1.32919	0.351104	0.713206	-1.40212	0.473108	0.929388	1.74616	1
cg21543519	TIPRL;TIPRL		0.8567039	0.928219	1.03493	1.03492	0.532995	0.785817	-1.27256	0.992738	1.00347	1.00347	0.625946	1.20607	1.20607	0.526029	1.27828	1.27828		0.416317	0.727933	-1.37375	0.81727	1.0922	1.0922	0.209377	0.601603	-1.66223	0.886429	0.947006	-1.05596	0.467903	1.05291	1.75022	1
cg16592185	FAM191A		0.8567079	0.808357	0.949219	1.05292	0.844245	1.12909	1.12909	0.521397	1.12042	1.12042	1.12042	1.31216	1.31216	0.75124	1.33113	1.33113		0.427676	1.26049	1.26049	0.794173	1.07761	1.07761	0.914746	1.03109	1.03109	0.670284	0.884767	-1.13024	0.473099	0.612318	1.15046	1
cg16191669	SNX17;EIF2B4;SNX17;EIF2B4;EIF2B4		0.8567055	0.574077	0.915099	-1.09278	0.214866	0.81548	-1.22627	0.606174	1.08464	1.08464	0.596855	0.9199889	-1.08697	0.695355	1.06341	1.06341		0.490914	0.89645	-1.11551	0.524474	0.904145	-1.10602	0.725621	0.94644	-1.05659	0.628046	1.07926	1.07926	0.473075	0.182872	0.343609	1
cg02734472	WDR90		0.8567068	0.606328	0.8139	-1.22859	0.6044509	0.870236	-1.14853	0.728236	1.27027	1.27027	0.96424	1.0216	1.0216	0.911779	1.01538	1.01538		0.413727	0.74051	-1.35057	0.481103	0.594	-1.68305	0.440707	1.19295	1.19295	0.47705	1.13641	1.13641	0.473038	1.1238	1.32401	1
cg26444528	PCDH17		0.8567089	0.316139	0.450555	-2.21948	0.717295	1.32276	1.32276	0.642733	0.698143	-1.43242	0.928581	1.0714	1.0714	0.241673	0.391205	2.55621		0.705435	1.3928	1.3928	0.856723	1.14916	1.14916	0.881257	0.893178	-1.12186	0.666866	1.76796	1.76796	0.473025	0.43348	0.83122	1
cg00801068	CDL4A1		0.8567096	0.907519	0.940152	-1.06366	0.573161	1.35466	1.35466	0.241565	1.9174	1.9174	0.954899	0.9704412	-1.03049	0.524587	1.40836	1.40836		0.549482	1.37934	1.37934	0.19911	2.05554	2.05554	0.746654	1.18784	1.18784	0.809121	0.8794	-1.13714	0.473015	2.11267	3.97013	1
cg01032630	HDAC2		0.8567097	0.710528	1.08401	1.08401	0.642418	0.836743	-1.19507	0.641276	0.8637642	1.0968	1.0968	0.977984	0.9852402	1.0968	1.01747	1.01747		0.5135	1.08985	1.08985	0.581315	0.9134	-1.09485	0.943012	0.947012	1.08676	0.743012	0.947012	1.08676	0.743012	0.947012	1.08676	0.743

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	T(Test)	SS(Test)	SS(Error)	F(Error)
cg17946714	DOPEY2		0.4968823	0.5426332	-1.842874	1.6917779	0.7025515	-1.42346	0.470965	1.91522	1.91522	0.8745155	0.8689867	-1.15079	0.2979673	0.184174	-2.60299	0.508505	0.555922	-1.81185	0.328683	0.409289	-2.44326	0.4670624	0.46996	-2.12784	0.6756454	0.688757	-1.45189	0.4771151	5.8091	11.054	1
cg08744769	MXD1		0.9564549	1.00981	1.009881	2.676974	1.223999	1.223999	0.542476	0.895648	-1.11651	0.929634	1.081591	1.01591	1.079649	1.17481	1.17481	0.2468856	1.24167	1.24167	0.694284	1.07317	1.073317	0.925325	0.1069	0.1069	0.897932	0.977321	-1.02321	0.4711401	0.238429	0.449838	1
cg22039242	PHACTR2;PHACTR2;PHACTR2;PHACTR2		0.8583247	1.08877	1.08877	0.452183	1.34345	1.34345	0.764267	1.12292	1.12292	0.880537	0.943678	-1.05968	0.745482	0.882011	-1.13377	0.840606	1.08072	1.08072	0.12784	0.530153	-1.88625	0.912976	0.958736	-1.04304	0.95066	0.976429	-1.02414	0.4711131	1.10872	2.09184	1
cg04321608	HDAC10;HDAC10		0.8583858	0.954962	0.985657	-1.01455	0.732714	1.09165	1.09165	0.283481	0.751981	-1.32982	0.622284	1.13541	1.13541	0.868504	0.958501	-1.0433	0.250378	0.735468	-1.35968	0.480186	0.833681	-1.19905	0.757223	0.82555	1.08255	0.770846	1.07757	1.077757	0.471104	0.488223	0.92119	1
cg13308392	AVL9		0.8583384	0.9027317	0.918019	-1.08028	0.2795315	0.4553393	-2.19591	0.258035	2.28018	2.28018	0.9938444	0.9946019	-1.00541	0.987988	1.01058	1.01058	1.01058	0.918411	0.930851	-1.07429	0.456179	0.70019	1.70019	0.613591	1.40345	1.40345	0.724932	0.7810891	-1.28026	0.4710365	3.64882	6.88524	1
cg20052010	EFEMP1;EFEMP1;EFEMP1		0.8584806	0.2664744	0.65759	-1.5207	0.2413122	0.6413373	-1.55915	0.340602	0.7007785	-1.42697	0.7518852	0.8915518	-1.12168	0.76239	0.8960291	-1.11604	0.7339337	0.8838308	-1.13147	0.5784152	1.2253636	1.22536	0.9605111	0.9822279	-1.01804	0.8763002	0.9455165	-1.05802	0.4710131	0.9778825	1.84527	1
cg07133734	ARL1		0.8584414	0.474521	1.37145	1.2714514	0.5014632	1.21797	1.21797	0.2979057	0.9219326	-1.08449	0.8888225	1.04125	1.04125	0.498602	0.8199922	-1.21963	0.5596519	1.19066	1.19066	0.3744146	0.7197238	1.58941	0.6948891	1.12103	1.12103	0.7978682	1.08525	1.08525	0.4710109	0.6231549	1.17998	1
cg20255272	VWA1;VWA1		0.858421	0.727953	1.12133	0.876424	0.59525	-1.05235	0.1717909	0.6205565	-1.61144	0.9428802	1.02381	1.02381	1.02381	0.7099572	1.13032	0.9471712	0.978481	-1.02199	0.6410124	1.27903	1.27903	0.977274	1.13908	1.13908	0.503733	0.80051	1.2494	0.470089	0.8021182	1.51388	1
cg21855205	PPP1CA;PPP1CA;PPP1CA		0.8584428	0.7686646	0.879095	-1.13753	0.29544	1.60642	1.60642	0.254829	1.68104	1.68104	0.4340491	1.41727	1.41727	0.884438	0.9384439	-1.0656	0.6339003	0.8109005	-1.23319	0.865182	1.07706	1.07706	0.471076	1.37754	1.37754	0.842628	1.09072	1.09072	0.4709998	1.42374	2.68695	1
cg16210395	CDK1		0.8584442	0.5690646	1.13128	0.7059	0.1752	0.7252	1.07227	1.10677	1.10677	0.1599545	0.9503132	-1.00793	0.6744179	0.7894422	-1.26679	0.7814406	1.12416	0.7082354	1.08263	1.08263	0.7644179	1.17658	1.17658	0.5703082	0.8510101	1.57308	1.57308	0.5930382	0.7407889	1.44907	1.66227	0.13725	1
cg01060165	MED25		0.8584693	0.7059	1.0752	0.7252	1.07227	1.06463	1.06463	0.374866	1.56052	1.56052	0.9944305	1.15933	1.15933	0.253143	1.22416	1.22416	1.22416	0.7357868	0.944219	-1.05908	0.7817762	0.9504034	-1.04818	0.582021	0.9097447	-1.09921	0.59412	1.09543	0.4709545	0.214189	0.4042273	1
cg07621049	RBM33;LRCH2		0.8585447	0.8885466	1.09011	1.0709171	0.77083	0.856982	-1.16689	0.8860891	0.9273156	-1.07838	0.7466013	0.8432206	-1.18736	0.8534542	0.4761661	-2.10013	0.9343153	0.957378	-1.04452	0.7218265	1.82773	1.82773	0.7210489	0.8282665	-1.20734	0.8847242	1.07966	1.07966	0.4709315	2.082513	3.99077	1
cg00365004	GSTA2		0.8585848	0.769867	1.10274	1.10274	0.3819997	0.7416133	-1.34838	0.8466804	0.7945151	-1.2586	0.5538224	0.8190015	-1.22098	0.662726	0.8638994	-1.15755	0.3175174	1.14123	1.14123	0.893967	0.9565517	-1.04546	0.7973757	1.08957	1.08957	0.745808	1.23764	1.27345	0.4709	0.8289005	1.35461	1
cg02091066	DST;DST;DST;DST		0.8584924	?	?	?	0.371346	0.3537	0.52539	2.1782	2.1782	2.8238	0.258135	-1.87394	0.8692	0.818369	-1.22194	0.692497	1.62161	1.62161	0.748688	1.47835	0.96141	1.06061	1.060061	0.5076441	2.62476	2.62476	0.452546	0.942367	20.8237	1
cg20016416	SPTBN2		0.8585753	1.124598	1.24598	1.3235068	0.4082	1.64228	1.64282	0.9098965	0.9463449	1.05968	0.5649995	1.33795	1.33795	0.726378	0.8622386	1.0882	1.0882	0.342123	1.61044	1.61044	0.291766	1.69922	1.69922	0.235719	1.83115	1.83115	0.7463886	1.17514	1.17514	0.4708979	1.76252	1.33646	1
cg23292266	KANK2;KANK2		0.8585846	0.2526526	0.4166515	-2.4003	0.7670302	0.8043469	-1.24321	0.706697	0.7580554	-1.31917	0.4551564	0.572698	-1.74612	0.266471	0.4281022	-2.33589	0.3351157	0.4827361	-2.07153	0.3847611	0.5204911	-1.92126	0.4042022	0.535032	-1.86905	0.701777	0.7543243	-1.32569	0.4708519	4.003374	7.55891	1
cg03193685	KDM3		0.8585855	0.379684	2.38853	2.38853	0.482102	1.97498	1.97498	0.3854453	2.36293	2.36293	0.9549225	1.95	1.95	?	?	0.775461	1.31826	1.31826	?	?	0.367943	2.44971	2.44971	0.1902445	2.33272	2.33272	0.420002	4.94459	13.1417	1
cg26537135	CHST11		0.8585857	0.6328866	1.6228445	-1.60554	0.3075315	0.353942	-2.82532	0.6821089	0.5463449	-1.83092	0.4889179	0.727317	-1.41087	0.4619393	0.484995	-2.06207	0.47284	0.4877768	-2.05015	0.5237585	0.529796	-1.88752	0.4076545	0.434825	-2.29378	0.5886335	0.731064	1.7104	0.4708402	7.20865	15.6102	1
cg20349468	SLC12A7		0.8585864	0.7692911	1.22622	1.22622	0.670688	1.34524	1.34524	0.57898	1.47498	1.47498	0.538285	1.54042	1.54042	0.642211	0.722938	-1.38325	0.4929115	0.617702	-1.62069	0.180414	2.68121	2.68121	0.6336944	1.39498	1.39498	0.916308	0.9297706	-1.07561	0.4707792	3.58493	6.76859	1
cg04859477	RHOC;RHOC;RHOC;RHOC;RHOC		0.8585899	0.3515585	0.80576	-1.24035	0.4407924	1.092515	1.092515	0.1198572	1.192274	1.192274	0.5135168	1.14653	1.14653	0.771955	0.9566511	-1.04566	0.7140444	1.08641	1.08641	0.466777	1.181555	1.18155	0.4767251	0.8483437	1.17725	1.17725	0.731119	1.08079	1.08079	0.4707474	0.378376	0.71448	1
cg20652371	HLA-E		0.8585904	0.9036578	1.03423	1.03423	0.5700027	1.173303	1.173303	0.742017	0.9122555	-1.09618	0.3102085	0.7468624	-1.33893	0.6001039	0.8632211	-1.15847	0.710371	1.10927	1.10927	0.263813	1.37737	1.37737	0.6309339	0.87485	1.14305	0.823764	1.06397	1.063397	0.4707342	0.576207	1.08806	1
cg14646428	CSF1R		0.8585912	0.5495167	1.19957	1.3389	0.3583237	0.9849339	1.01536	0.9621795	1.01536	0.9621795	0.7135247	1.06009	0.6648227	0.7807041	-1.01964	0.6415898	0.7807041	0.838228	1.30499	1.30499	0.1148474	1.66157	1.66157	0.2207206	1.97194	1.97194	0.1043201	0.7566471	1.32162	0.4708769	1.91891	2.62466	1
cg10584797	SEPN1;SEPN1		0.85862	0.9133	0.926806	-1.07897	0.7795565	0.8221155	-1.21632	0.483509	1.64374	1.64374	0.154245	0.344935	-2.8991	0.751124	1.24865	1.24865	0.8130124	0.8475737	-1.17984	0.4886098	0.612072	-1.63379	0.936216	1.05745	1.05745	0.7405569	1.26099	1.26099	0.4707087	1.6312	6.85719	1
cg26452915	GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;G NAS;GNAS		0.8586444	0.874619	1.05679	1.05679	0.254637	1.51598	1.515598	0.9067224	1.04185	1.04185	0.973475	1.0117	1.0117	0.512011	1.26191	1.26191	0.5200383	1.25618	1.25618	0.175312	1.6556	1.6556	0.825006	0.925462	-1.08054	0.942168	0.974941	-1.0257	0.470671	0.912098	1.72255	1
cg18861015	K		0.858648	0.6642684	0.8365677	-1.19536	0.9526571	1.024555	1.024555	0.82303	1.09585	1.09585	0.5162886	1.30857	1.30857	0.702416	0.8548211	-1.16983	0.648225	0.8288864	-1.20647	0.7446515	0.874969	-1.1429	0.733609	0.869715	-1.1498	0.153379	1.86769	1.867669	0.4706565	1.24472	2.35074	1
cg24881202	FBXO6		0.8586856	0.6263163	0.7679796	-1.29905	0.9072262	1.06407	1.06407	0.68748	0.6749593	-1.48238	0.6712827	0.7965222	-1.25546	0.3803671	0.61534	1.61534	0.8576777	0.9087677	-1.10039	0.4384667	0.656283	-1.52373	0.2663077	0.5394717	-1.85385	0.5097551	0.700208	-1.42815	0.4706522	2.1171	3.99842	1
cg22364374	CITED1;CITED1;CITED1;CITED1;CITED1		0.8586858	0.447581	0.7290158	-1.37163	0.4119958	0.710006	-1.40844	0.8378166	1.08727	1.08727	0.761041	1.13261	1.13261	0.466476	0.738939	-1.35329	0.184086	0.562563	-1.77758	0.47255	0.742086	-1.34755	0.9516303	0.975525	-1.02509	0.960449	0.979958	-1.02045	0.470655	1.24239	2.34643	1
cg18450378	MRPL1		0.8586862	0.861812	1.07141	1.07141	0.836257	1.08539	1.08539	0.50012	1.31125	1.31125	0.899384	1.05136	1.05136	0.248095	1.6113	1.6113	0.638815	0.829311	-1.20582	0.598152	1.23412	1.23412	0.578002	1.24918	1.24918	0.202905	1.70262	1.70262	0.470613	1.16825	2.20658	1
cg00832101	SNHG11;SNORA39		0.8586896	0.6103374	1.6388449	1.6388449	0.2933	1.6388449	1.6388449	0.2933	1.6388449	1.6388449	0.2933	1.6388449	1.6388449	0.2933	1.6388449	1.6388449	0.6397772	1.1393	1.1393	0.408258	1.8153455	1.8153455	0.1910007	-1.09886	0.5007744	1.1775	1.1775	0.4470393	0.4260881	0.8048411	1
cg19094243	TMEFF2		0.8587228	0.543396	0.6940225	-1.44087	0.4145657	0.6094425	-1.64089	0.650228	1.33137	1.33137	0.251413	2.03712	2.03712	0.822553	1.14268	1.14268	0.7613338	1.19828	1.19828	0.491122	0.6605157	-1.51479	0.6323513	1.33138	1.33138	0.8809163	1.09306	1.09306	0.4705444	2.62775	4.964	1
cg03232484	BET1		0.858873	0.8098	0.954688	-1.04746	0.366676	1.19524	1.19524	0.86542	0.9679051	-1.03316	0.285596	0.8079026	-1.23774	0.389171	0.8439008	-1.18496	0.9036622	1.02357	1.02357	0.877207	0.9705703	-1.03018	0.4511143	1.1591	1.1591	0.827067	0.958797	-1.04297	0.4704154	0.275613	0.5206555	1
cg25537125	PLIN5		0.8587375	0.7353448	1.0822	1.0822	0.7338738	1.29477	1.29477	0.3612575	1.31358	1.31358	0.7676767	0.9109903	-1.09784	0.8738247	1.36009	1.36009	0.8482	1.01964	1.01964	0.6458988	1.08074	1.08074	0.9905533	-1.00449	0.3885651	1.28687	1.28687	0.4704523	0.5832223	0.975009	1
cg05763263	C19orf20		0.8587878	0.761571	0.945743	-1.05737	0.817397	0.95849	-1.04331	0.305558	1.21467	1.21467	0.913961	0.9803883	-1.02001	0.331093	0.8320793	-1.20152	0.707648	0.933272	-1.0715	0.801406	0.954851	-1.04728	0.34976	1.19296	1.19296	0.690382	1.07616	1.07616	0.4704648	0.25038	0.473061	1
cg14799104	CKAP5;CKAP5		0.8587978	0.9705	0.9415218	-1.0621	0.749977	1.07632	1.07632	0.481176	1.17563	1.17563	0.748838	1.07539	1.07539	0.727869	0.9268262	-1.07896	0.619813	0.80807	-1.2378	0.5992239	0.898657	-1.11248	0.3217866	1.26062	1.26062	0.274626	1.29375	1.29375	0.4704624	0.381474	0.720752	1
cg17205461	TAX1BP1;TAX1BP1;TAX1BP1;TAX1BP1		0.858781	0.107964	2.57648	2.57648	0.5378845	1.54324	1.54324	0.819729	1.17207	1.17207	0.4565621	1.52866	1.52866	0.5378082	1.56038	1.56038	0.781592	0.824226	-1.21326	0.2260331	0.730851	-1.40677	0.762115	0.790437	-1.16502	0.4109232	1.73147	1.73147	0.4704463	3.60474	6.81077	1
cg04464940	BTG3;BTG3		0.8588301	0.8735503	1.0582089	-1.04151	0.615021	1.14778	1.14778	0.3838884	1.06808	1.06808	0.693765	0.8860164	-1.13357	0.4783832	0.8320486	-1.20142	0.51902	1.19446	1.19446	0.200051	1.153466	1.15466	1.15466	0.8418272	1.0558	1.0558	0.470429	0.550496	1.04018	1
cg20863810	LTV1		0.8588313	0.911348	1.021883	1.021883	0.618358	0.90721	-1.10228	0.940647	1.01454	1.01454	0.845251	0.9628319	-1.03862	0.923664	1.05249	1.05249	0.292432	0.809137	-1.23589	0.889542	0.979416	-1.02731	0.203608	1.29717	1.29717	0.650416	0.915339	-1.09249	0.4704414	0.280099	0.529272	1
cg17338424	ARHGAP1;ZNF408;ZNF408		0.8588475	0.7544794	1.0744	1.0744	0.7338738	1.28308	1.28308	0.5183831	1.44784	1.44784	0.8036227	1.13446	1.13446	0.828972	1.0521	1.0521	0.7980744	1.08992	1.08992	0.5683137	1.17046	1.17046	0.4473362	1.21401	1.21401	0.9645405	1.01207	1.01207	0.4704402	0.1297291	0.2406633	1
cg20630943	PCIF1		0.8588535	0.7985332	0.936717	-1.06756	0.2816383	1.33104	1.33104	0.424636	0.81188	-1.23171	0.6678443	1.11665	1.11665	0.609081	1.14091	1.14091	0.653778	0.8232611	-1.21431	0.6905289	0.836128	-1.19599	0.696982	0.904822	-1.10539	0.560119	1.16252	1.16252	0.4703381	0.48667	0.91967	1
cg18508473	SPATA5		0.8588547	0.2793936	1.512114	1.5121142	0.6062178	1.12404	1.12404	0.4604985	0.9227335	-1.07789	0.9609134	1.01844	1.01844	0.9491406	1.0525	1.0525	0.8921663	1.05189	1.05189	0.165155	1.37705	1.37705	0.9569207	1.04749	1.04749	0.7199863	1.13226	1.13226	0.4703363	0.269266	1.95881	1
cg02941728	CCDC86		0.8588949	0.929306	1.05462	1.05462	0.860791	0.90014	-1.11094	0.840482	0.9488265	-1.12838	0.8105807	0.8966125	-1.11494	0.840601	1.50466	1.01028	0.3523551	1.28308	1.28308	0.762138	1.3121	0.617553	0.7390533	-1.35221	0.8837555	1.09165	1.09165	0.4703736	2.676	5.05712	1
cg24741711	PDE4D;PDE4D		0.8589871	0.6946321	1.14746	1.14746	0.8588838	1.06403	1.06403	0.415636	1.33652	1.33652	0.446064	0.762776	-1.311	0.622757	1.18871	1.18871	0.645204	1.17543	1.17543	0.603226	0.83292	-1.20059	0.40606	0.743533	-1.34493	0.413537	1.33835	1.33835	0.4703327	0.905393	1.71114	1
cg18252964	SHSPH2B		0.8589892	0.46613	0.7274488	-1.37485	0.8068814	0.6006407	-1.66517	0.7469651	1.32207	1.32207	0.7913808	1.39017	1.39017	0.8194576	0.5902197	-1.69369	0.4212099	0.7245088	1.38054	0.4387449	0.7238804	1.38054	0.4387449	0.4212099	0.7245088	1.38054	0.4387449	0.4212099	-1.06375	0.5009224	0.554791	0.864533	1
cg08491805	PCMTD1		0.8589894	0.963924	1.0126	1.0126	0.416499	0.79458	-1.25853	0.804813	0.9337367	-1.07097	0.412925	1.26085	1.26085	0.764745	1.08665	1.08665	0.879999	1.04287	1.04287	0.244055	0.713567	-1.40141	0.437195	0.802952	-1.24541	0.85174	1.05317	1.05317	0.4703292	0.57151	1.07942	1
cg24885055	IFIH1		0.8589908	0.974949	0.9922277	-1.00778	0.9247035	1.023615	1.023615	0.652504	0.8945153	-1.11838	0.7924344	0.9569078	-1.04726	0.8027444	0.939991	-1.06393	0.7229598	0.698679	-1.43086	0.4855157	0.99134	1.00134	0.4417351	1.213653	1.213653	0.7816166	0.9933714	-1.07099	0.4703273	0.549155	0.8396566	1
cg15700022	PFY4571;GPC1		0.8589921	0.447748	0.748053	-1.33649	0.5908624	1.317077	1.317077	0.5777404	1.44949	1.44949	0.5955161	1.77428	1.77428	0.338627	1.280394	1.44949	0.7551111	1.17396	1.17396	0.8494025	0.907874	-1.10147	0.7339335	1.18889	1.18889	0.6031266	0.766509	1.36462	0.470225	1.915555	0.826866	1
cg04102199	CRADD		0.858936	0.6136986	1.22891	1.22891	0.399768	0.70535	-1.41774	0.391697	0.7009916	-1.42671	0.682546	0.8466044	-1.18119	0.644513	1.20701	1.20701	0.605552	1.23486	1.23486	?	?	0.480082	0.7477743	-1.33736	0.684203	1.18009	1.18009	0.4514869	1.04317	2.30856	1
cg01321158	MYST1;MYST1		0.8589951	0.884007	1.013497	1.013497	0.8533838	1.12678	1.12678	0.5395	1.03582	1.03582	0.8138668	0.9205	1.0205	0.9205	1.03559	1.03559	0.6009202	1.06975	1.06975	0.3183831	1.12017	1.12017	0.7124908	1.0505	1.0505	0.8984457	0.9834347	-1.01683	0.4703241	1.14507	2.00206	1
cg20495645	PHF21B;PHF21B		0.8589956	0.4245515	0.7175533	-1.39362	0.2761661	1.58569	1.58569	0.763474	0.8844416	-1.13069	0.981477	1.00949	1.00949	0.302227	0.647284	-1.54492	0.6631374	0.836646	-1.19525	0.620629	0.81623	-1.22514	0.739727	1.14532	1.14532	0.9026657	0.9514427	-1.05105	0.4703199	1.23448	2.33183	1
cg01860968	SAAL1		0.8589961	0.811441	1.066	1.066	0.979055	0.9930004	-1.00704	0.5047156	1.18844	1.18844	0.9091444	1.031	1.031	0.8484423	1.0525	1.0525	0.5849085	0.8625777	-1.15932	0.1954528	1.44339	1.44339	0.8384308	1.23539	1.23539	0.3316515	1.30717	1.30717	0.4703183	0.5152222	1.02604	1
cg01901544	SYNGAP1		0.859011	0.195219	2.29255	2.29256	0.6618144	0.7660019	-1.30545	0.780329	0.844241	-1.18449	0.637611	1.33287	1.33287	0.349888	2.09215	2.09215	0.82848	1.14042	1.14042	0.5176211	1.14686	1.14686	0.9181613	0.939657	-1.06422	0.470114	2.793061	5.16301	1
cg19099843	VWOE		0.8590026	0.479069	0.462583	-2.16177	0.3631355	2.72182	2.72182	0.93309	0.9319963	-1.09454	0.4829955	0.465847	-2.14663	0.517852	0.495305	-2.01859	0.316055	0.329371	-3.03609	0.996559	0.99539	-1.00463	0.797135	1.31783	1.31783	0.6330313	1.67429	1.67429	0.4703092	8.54595	16.1594	1
cg18913687	RPL21;RPL21P28		0.8590038	0.78926	0.9312687	-1.07434	0.8453	0.8068814	0.6006407	-1.66517	0.7469651	1.32207	1.32207	0.7913808	1.39017	1.39017	0.8194576	0.5902197	-1.69369	0.4212099	0.7245088	1.38054	0.4387449	1.14082	1.14082	0.4212099	0.7245088	1.38054	0.4387449	0.4212099	-1.0495	0.2397061	1.3873	1.3873	0.6145095	1.14456	1.14456	0.4703073	0.5265222	0.995631	1
cg26571977	UQCR		0.8590053	0.5684114	1.70572	1.70572	0.179373	1.74727	1.74727	0.243963	3.09296	3.09296	0.869661	1.64225	1.64225	0.741429	1.35894	1.35894	0.884578	1.14402	1.14402	0.642472	1.54194	1.54194	0.392006	2.25306	2.25306	0.902489	1.892677	1.892677	0.4703048	0.63698	12.0782	1
cg12577121	RPS6KB2		0.859106	0.2741519	1.91019	1.91027	?	?	?	?	?	?	?	?	?	?	?	0.837187	0.8180044	-1.22345	0.5764442	0.78763	1.78763	0.2923339	2.3102	2.3102	0.2986449	1.030771	3.030771	0.3397976	4.1243	9.81078	1
cg14541011	RALGDS;RALGDS		0.8590064	0.7380088	1.2057	1.2057	0.6642544	1.275561	1.275561	0.267676	1.90332	1.90332	0.463414	1.51585	1.51589	0.4739	1.50076	1.50076	0.2664493	1.90661	1.90661	0.799795	0.867924	-1.15217	0.47702	1.49633	1.49633	0.352697	1.70412	1.70412	0.4703034	2.31286	4.37387	1
cg15156885	TXNDC9;EIF5B		0.8590068	0.372627	1.82958	1.82958	0.507198	1.55905	1.55905	0.919965	2.48823	2.48823	0.685141	1.59703	1.59703	0.76476	1.21382	1.21382	0.659275	0.74614	-1.34023	0.675301	1.31989	1.31989	0.401844	1.76169	1.76169	0.935228	1.055111	1.055111	0.470228	0.24248	0.13198	1
cg17196193	RSPH3		0.8590073	0.6167664	1.76152	1.73389	0.6031345	1.28722	1.28722	0.315004	1.64374	1.64374	0.8230213	1.31504	1.31504	0.7220818	1.34549	1.34549	0.4923834	1.03803	1.03803	0.13017	1.12017	1.12017	0.5324145	1.93279	1.93279	0.564723	1.32157	1.32157	0.4703021	0.7607609	3.22953	1
cg04115659	PIK3AP1		0.8590082	0.7661151	0.84063	-1.18958	0.3566677	1.73623	1.73623	0.377664	1.69351	1.69351	0.8162662	0.87332	-1.14506	0.567067	0.714123	-1.40032	0.90945	0.935933	1.06845	?	?	0.412288	0.6139447	-1.62881	0.685786	0.7892222	-1.26707	0.4516445	2.15346	4.76803	1
cg13328810	KCNC3		0.8590118	0.8196066	1.0446	1.0446	0.9592	0.9542624	1.04792	0.5178332	1.16388	1.16388	0.4154443	0.8108853	-1.23327	0.8445564	0.8107333	-1.23355	0.6615581	0.8796213	1.1585	0.5180038	0.7043442	-1.41976	0.8622577	1.15932	1.0194528	1.44339	1.44339	0.8384308	1.23539	1.23539	0.3316515	1.30717	1.30717	0.4703183	0.5152222	1.02604	1
cg01790507	TIMP2		0.859125	0.545267	0.49227	1.49227	0.505846	1.54593	1.54593	0.615642	0.7182091	-1.39235	0.198245	0.243301	2.43301	0.803902	0.137128	1.17128	0.6652328	1.23932	1.23932	0.853853	1.12815	1.12815	0.259479	2.15807	2.15807	0.774003	1.20714	1.20714	0.4699341	1.18241	6.0195	1
cg19495969	KIRK

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T vs. 047 vs. N)	Ratio(105T vs. N)	Fold-Change(1-vs-057T vs. N)	Ratio(111T vs. N)	Fold-Change(1-vs-112T 117 vs. N)	Ratio(112T vs. N)	Fold-Change(1-vs-121T 127 vs. N)	Ratio(121T vs. N)	Fold-Change(1-vs-121T 21T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(3-vs-353T vs. N)	Ratio(353T vs. N)	Fold-Change(5-vs-537T vs. N)	Ratio(537T vs. N)	Fold-Change(5-vs-537T 37T vs. N)	Fold-Change(5-vs-563T vs. N)	Ratio(563T vs. N)	Fold-Change(5-vs-563T 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg17449948	SPATA2		0.802112	1.13024	1.11024	1.458836	0.688297	-1.45286	0.979538	0.987437	-1.01272	0.228191	0.558076	-1.86541	0.974086	-1.01614	1.01614												
cg13980473	TSPYL1;DSE;DSE		0.860119	0.867273	1.10397	1.503782	1.385546	1.385546	0.249626	2.03709	2.037093	0.881395	1.0923	1.0923	0.133543	0.687317	-1.45493												
cg26217813	ASPA;ASPA		0.86012	0.985677	0.986997	-1.01317	0.310469	0.465252	-2.14937	0.27233	0.434707	-2.3004	0.659281	1.38198	1.38198	0.669039	0.730859	-1.36825											
cg13397135	COL18A1;COL18A1;COL18A1		0.86013	0.676381	1.12906	1.12906	0.281599	1.38177	1.38177	0.596939	1.16674	1.16674	0.668047	0.882793	-1.13277	0.615993	1.15734	1.15734											
cg21519172	C2orf44;C2orf44		0.860133	0.589546	1.17168	1.17168	0.683889	1.12646	1.12646	0.457352	0.802384	-1.24629	0.777148	0.92077	-1.08605	0.486543	1.22834	1.22834											
cg19512736	RUVBL2;GVS1;GVS1;GYS1		0.860156	0.322242	0.79798	-1.25316	0.70834	1.08647	1.08647	0.315349	1.2575	1.2575	0.324586	0.798908	-1.25171	0.857269	0.961007	-1.04053											
cg09826550	CORIN		0.860166	0.42167	1.19844	1.19844	0.483445	1.17007	1.17007	0.949257	0.986063	-1.01413	0.617797	0.894994	-1.11733	0.471413	0.850817	-1.17534											
cg11837453	RAB11B		0.860169	0.388335	0.91527	1.351657	0.258802	1.54136	1.54136	0.551216	0.204718	7.59027	7.59027	0.552214	2.486642	2.486642	0.595503	2.23122	2.23122										
cg08140258	PKD2		0.860187	0.64308	1.66267	1.66267	0.870013	0.836579	-1.19534	0.618289	1.28968	1.28968	0.233458	0.25639	-3.90031	7	7											
cg20899190	WIPF1;WIPF1		0.860208	0.518331	0.621248	-1.60966	0.938574	1.05763	1.05763	0.758613	1.25116	1.25116	0.453525	0.574038	-1.74205	0.273156	0.436467	-2.29112											
cg00592315	C14orf86;FAM181A		0.860212	0.365375	1.47369	4.473369	0.934522	1.11661	1.11661	0.526139	0.895368	-2.52546	0.478075	0.39792	-3.12792	0.837655	0.460888	-2.17044											
cg01297674	CLASP1;CLASP1;CLASP1		0.860219	0.734209	0.946126	-1.05694	0.998839	1.00024	1.00024	0.744018	1.01459	1.05469	0.90833	0.981456	-1.01889	0.728844	1.05818	1.05818											
cg16440950	DNAH17		0.860234	0.995338	0.978839	-1.02204	0.954005	0.979246	-1.02119	0.883919	0.950895	-1.05164	0.279219	0.664283	-1.50538	0.563058	0.581965	-1.71932											
cg04008001	CACNA2D1;CACNA2D1		0.86025	0.533511	0.895059	-1.11724	0.275217	1.22087	1.22087	0.583978	1.1021	1.1021	0.49209	0.976421	-1.02415	0.564933	1.1077	1.1077											
cg12364943	STK32C		0.860269	0.383072	0.562196	-1.77874	0.626249	0.729705	-1.37163	0.303334	0.503165	-1.98663	0.614639	1.3866	1.3866	0.964795	1.02882	1.02882											
cg18324862	ACOT7;ACOT7;ACOT7;ACOT7		0.860281	0.392374	1.27447	1.57407	0.74097	1.18738	1.18738	0.472183	1.80858	1.80858	0.595805	1.31939	1.31939	0.764686	1.20936	1.20936											
cg09650989	IGFALS;IGFALS;IGFALS;IGFALS;IGFALS		0.860288	0.305568	0.631772	-1.58285	0.652934	0.822058	-1.21646	0.43373	1.41309	1.41309	0.678112	1.19802	1.19802	0.760336	0.875957	-1.14161											
cg14909906	KDSR;KDSR		0.860303	0.94622	0.975369	-1.02625	0.937549	0.971445	-1.02939	0.640517	1.18991	1.18991	0.757867	0.891971	-1.12111	0.174265	0.580069	-1.72628											
cg01577766	TBC1D8;TBC8		0.860305	0.626545	0.822615	-1.21564	0.746992	0.878787	-1.13793	0.528428	1.28959	1.28959	0.845682	0.938524	-1.06568	0.54288	0.782506	-1.27795											
cg15381304	GPR6		0.860316	0.329485	0.758673	-1.31809	0.631684	1.14173	1.14173	0.901369	0.966546	-1.03461	0.278836	0.734175	-1.36207	0.809121	0.935743	-1.06867											
cg00356397	NGLY1;NGLY1;NGLY1;NGLY1		0.860326	0.94165	0.98821	-1.01203	0.932686	1.0198	1.0198	0.858859	0.955388	-1.09243	0.481274	1.1565	1.1565	0.587139	1.09289	1.09289											
cg11289368	TTC18		0.860338	0.765462	0.903339	-1.107	0.347614	0.719923	-1.38904	0.684015	0.870191	-1.14917	0.314048	1.42447	1.42447	0.811815	0.922151	-1.08442											
cg20188843	TPRG1		0.860364	0.372265	0.81587	-1.22563	0.794523	1.19817	1.19817	0.499802	1.00095	1.00095	0.313771	0.922879	-1.08351	0.230372	0.722879	-1.38273											
cg02488288	SPRY4;SPRY4		0.860379	0.649302	0.950761	-1.05179	0.900316	0.986273	-1.01392	0.313382	0.891362	-1.12188	0.888225	0.984609	-1.01563	0.844515	0.978576	-1.02189											
cg19819891	MYST1;MYST1		0.860396	0.514671	1.19025	1.19025	0.834828	1.05658	1.05658	0.380815	1.26734	1.26734	0.805214	1.0673	1.0673	0.64799	1.12881	1.12881											
cg24382296	TMEM129;TACC3;TMEM129		0.860417	0.633802	1.12468	1.12468	0.433567	0.783202	-1.27637	0.148346	1.80191	1.80191	0.762658	1.10643	1.10643	0.955354	1.03582	1.03582											
cg12446199	CD247;CD247		0.860469	0.98731	1.0226	1.0226	0.945626	1.10061	1.10061	0.723685	1.64694	1.64694	0.205174	6.5456	6.5456	0.379523	0.281654	-3.55046											
cg07386604	RTN4R		0.860476	0.407796	0.715479	1.3617	0.992025	1.04064	1.04064	0.361612	0.803998	1.14028	1.14028	0.931027	1.0325	1.0325	0.794982	1.25744	1.25744										
cg02644702	GRK6;GRK6;GRK6		0.860477	0.523869	1.23402	1.23402	0.449656	1.28502	1.28502	0.451637	0.779084	-1.28356	0.822044	1.07609	1.07609	0.681661	0.877318	1.13984											
cg17781879	MEMO1;MEMO1		0.860482	0.421241	1.50226	1.50226	0.836201	0.902535	-1.10799	0.553267	1.34591	1.34591	0.452686	1.46073	1.46073	0.945746	0.965649	-1.03557											
cg18938514	GLI3		0.860583	0.516501	1.18564	1.18564	0.916111	1.08547	1.08547	0.546102	1.05403	1.05403	0.53134	1.63807	1.63807	0.956427	1.27661	1.27661											
cg06055266	TSPYL2		0.860589	7	7	7	0.49991	0.20232	-4.94266	0.942866	0.843614	-1.1816	0.281901	13.719	13.719	0.33703	2.983723	1.78587	1.78587										
cg08747889	PTK7;PTK7;PTK7;PTK7		0.860595	0.231356	0.64991	-1.53867	0.708209	0.866513	-1.15447	0.597372	0.955319	0.95319	0.990801	1.00095	1.00095	0.13071	0.222879	-4.50713											
cg07133958	TMEM8A		0.860596	0.58113	0.409761	-2.27396	0.272395	0.1856	-5.38792	0.611597	2.12747	2.12747	0.468193	2.9687	2.9687	7	7											
cg25128803	SLC16A1;SLC16A1		0.860599	0.82161	1.05055	1.05055	0.930987	1.01909	1.01909	0.406837	1.20357	1.20357	0.326177	0.801425	-1.24778	0.683495	1.09364	1.09364											
cg00722025	H2AFY;H2AFY;H2AFY;H2AFY		0.860611	0.806632	1.02054	1.02054	0.644747	1.21042	1.21042	0.603999	1.31508	1.31508	0.391845	1.41253	1.41253	0.943041	1.17148	1.17148											
cg08331868	MTHFSD;MTHFSD;MTHFSD		0.860636	0.615442	0.720542	-1.38784	0.457377	0.612778	-1.63191	0.225695	0.438968	-2.27807	0.434473	1.6754	1.6754	0.845109	0.881111	-1.13493											
cg18188377	PRR3;GNL1;PRR3;GNL1		0.860649	0.452309	1.17544	1.17544	0.583026	0.888155	-1.12416	0.785117	0.59159	1.05939	0.60708	1.11654	1.11654	0.56289	0.820852	-1.21825											
cg13644528	GLIPR2		0.860653	0.877215	0.9008	-1.11012	0.639865	0.727296	-1.37496	0.931537	1.05978	1.05978	0.937727	1.05422	1.05422	0.437198	0.585356	-1.70836											
cg17570608	ZNF295		0.860676	0.70964	1.03295	1.03295	0.74574	1.04264	1.04264	0.462952	1.19131	1.19131	0.464281	1.20795	1.20795	0.824954	1.14894	1.14894											
cg21194499	WDR51A;WDR51A;WDR51A;WDR51A;		0.860678	0.684856	0.916103	-1.09169	0.457018	0.849718	-1.17686	0.977513	0.993958	-1.00608	0.162477	0.725707	-1.37797	0.459053	0.850653	-1.17557											
cg14194715	FRY		0.860681	0.924107	1.05943	1.05943	0.258623	2.0424	2.0424	0.905968	1.07422	1.07422	0.604775	0.728818	-1.37208	0.355748	0.562395	-1.77811											
cg19402498	MBL2		0.860686	0.928493	0.918508	-1.08872	0.738596	0.728351	-1.37304	0.783809	1.36379	1.36379	0.947661	1.06411	1.06411	0.170189	0.253544	-3.94408											
cg00767886	EHD4		0.860697	0.778439	0.781927	-1.27889	0.70766	1.38893	1.38893	0.903484	0.899576	1.11163	0.649009	0.49126	2.03516	0.130765	0.241176	-4.14634											
cg08609435	NAA20;NAA20;NAA20		0.860715	0.441295	1.24843	1.24843	0.828236	0.940445	-1.06333	0.176675	1.50059	1.50059	0.835979	0.943098	-1.06034	0.911837	1.03179	1.03179											
cg20683765	GDNF;GDNF;GDNF		0.860732	0.75322	1.18725	1.18725	0.779114	0.98614	1.01474	0.972485	1.2485	1.2485	0.885217	1.03839	-1.03839	0.176554	0.380713	-2.62761											
cg18380808	DPF3		0.860776	0.719357	0.767317	-1.30324	0.192436	2.75292	2.75292	0.418751	1.83396	0.862585	0.880589	-1.1356	0.660083	0.722623	1.38385												
cg24854631	MCM7;MCM7;MIR25		0.860778	0.735582	1.20126	1.20126	0.536278	1.40329	1.40329	0.244402	1.93255	1.93255	0.499067	1.44053	1.44053	0.902327	0.934398	-1.07027											
cg17670539	MXI1;MXI1;MXI1		0.860798	0.51248	1.23822	1.23822	0.884472	1.0588	1.0588	0.1058	2.11994	2.11994	0.580111	0.803078	-1.24521	0.18965	0.725521	-1.37853											
cg06839611	CAP2B		0.860799	0.457075	0.78387	-1.27572	0.965109	0.986034	-1.01416	0.540454	1.22074	1.22074	0.91658	0.966873	-1.03426	0.2224	0.662125	-1.51029											
cg14665414	GABBR1;GABBR1;GABBR1		0.860813	0.904857	1.09457	1.09457	0.864687	1.1004	1.06904	0.477556	1.32665	1.32665	0.301825	0.757892	-1.32001	0.814197	1.07295	1.07295											
cg24136114	THBD GHRLOS;GHRL;GHRL;GHRLOS;GHRLOS; GHRL;GHRL;GHRL;GHRL;GHRLOS;		0.860813	0.379566	0.307052	-3.25678	0.993557	1.00765	1.00765	0.621731	0.52129	-1.91832	0.20818	0.17037	-5.86957	0.414592	0.335416	-2.98137											
cg14992144	GHRL;GHRL;GHRL		0.860827	0.690517	1.22689	1.22689	0.909633	1.05973	1.05973	0.731764	0.83878	-1.19221	0.523245	0.718523	-1.39174	0.878345	0.924721	-1.08141											
cg25005357	TCF12;TCF12;TCF12;TCF12		0.860834	0.29984	1.34983	1.34983	0.899	1.05748	1.05748	0.737	0.720136	1.47502	0.675265	1.21502	0.99525	0.188871	-1.00471	0.995137	0.995137											
cg12177207	LOC401097		0.860913	0.879855	0.931313	-1.07375	0.619796	0.26529	2.66529	0.839417	1.10016	1.10016	0.289445	0.596124	-1.6775	0.866656	0.08227	1.08227											
cg09589556	TUBGCP3		0.860937	0.346485	0.81965	-1.22019	0.744264	0.777258	-1.28617	0.18062	2.24774	2.24774	0.744264	0.777258	-1.28617	0.18062	2.24774	2.24774											
cg04525775	YIF1A		0.860942	0.526078	0.476838	-2.09715	0.855531	1.2338	1.2338	0.790135	1.36	1.36	0.84242	1.25791	1.25791	0.601886	0.545108	1.8345											
cg27629581	PGGT1B;PGGT1B;PGGT1B;PGGT1B		0.860949	0.375917	1.14968	1.14968	7	7	2.09436	1.18169	1.18169	0.58737	0.88774	1.08774	0.73449	1.05387	1.05387											
cg25623604	STK3		0.860981	0.316328	1.12369	1.12369	0.804089	1.05288	1.05288	0.583355	1.1217	1.1217	0.591497	1.11887	1.11887	0.822497	1.05981	1.05981											
cg09239381	DNAL4		0.860984	0.785881	0.933151	-1.07164	0.463611	1.2087	1.2087	0.78037	1.07361	1.07361	0.49487	1.19257	1.19257	0.882081	1.03843	1.03843											
cg07445201	UBR4		0.861001	0.544541	1.19403	1.19403	0.835469	1.03669	1.03669	0.387173	1.73115	1.73115	0.537799	1.51171	1.51171	0.663779	0.738418	1.35488	1.35488											
cg17104961	NTM;NTM;NTM;NTM		0.861016	0.677626	1.22081	1.22081	0.407259	1.49869	1.49869	0.302235	1.6654	1.6654	0.36058	1.56608	1.56608	0.276585	1.71619	1.71619											
cg25808878	C4orf11;C4orf11		0.861018	0.518671	0.859061	-1.16406	0.707252	1.07036	1.07036	0.337717	0.794952	-1.25794	0.338521	1.25743	1.25743	0.536494	0.864737	-1.15642											
cg24053587	PTPN2;PTPN2		0.861021	0.561226	0.847236	-1.18031	0.422626	1.26154	1.26154	0.984548	0.994522	-1.00551	0.459353	0.807829	-1.23789	0.864815	0.946617	-1.05639											
cg23507796	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L		0.861028	0.930758	1.04855	1.04855	0.437832	0.649379	-1.53993	0.321403	0.57186	-1.74868	0.580204	1.3563	1.3563	0.819384	0.8827	-1.13289											
cg04796498	BOP1		0.861064	0.794368	0.903319	-1.10703	0.762679	0.888794	-1.12512	0.389192	1.40989	1.40989	0.147971	0.64117	1.56011	0.822608	0.916303	-1.09134											
cg14145801	ZSWIM2		0.861074	7	7	7	0.74253	0.947464	-1.05564	0.937758	1.04455	1.04455	0.121221	1.18832	1.18832	0.142755	1.10483	1.10483											
cg15824864	CBX4		0.861075	0.76411	1.16837	1.16837	0.325405	0.591533	-1.69052	0.522867	1.39769	1.39769	0.525503	0.717026	-1.39465	0.47491	0.686808	-1.45601											
cg25864218	PAQR3		0.861081	0.610629	1.03554	1.03554	0.356948	1.50885	1.50885	7	7	7	0.429453	0.862534	-1.15971	0.731315	0.537799	1.85931	1.85931											
cg27029561	PCGF3 ZNF557;ZNF557;ZNF557;ZNF557;ZNF55		0.861094	0.967817	0.018333	0.018333	0.221397	0.560628	-1.78371	0.680731	0.830047	-1.20475	0.391727	0.673632	-1.48449	0.507237	1.35379	1.35379											
cg26244397	2;NF557		0.861095	0.629244	1.19709	1.19709	0.754755	1.12286	1.12286	0.398052	1.37708	1.37708	0.651906	1.18285	1.18285	0.533435	0.791961	-1.26269											
cg18783781	SLC25A33		0.861103	0.770464	0.911997	-1.0965	0.691878	1.13363	1.13363	0.750582	0.904643	-1.10563	0.221115	1.49929	1.49929	0.329171	0.728466	-1.37275											
cg12091139	GAS7;GAS7;GAS7;GAS7		0.861107	0.453837	1.20355	1.20355	0.832748	1.04447	1.04447	0.503727	1.98357	1.98357	0.344434	2.17887	2.17887	0.459033	1.19943	1.19943											
cg20330592	TRUB1		0.861134	0.531757	1.1778	1.1778	0.485444	1.20097	1.20097	0.80862	1.0647	1.0647	0.609309	0.875317	-1.14244	0.984738	1.00495	1.00495											
cg13639345	CBY1;CBY1;CBY1;LOC646851;CBY1; PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;		0.86115	0.663445	0.77206	-1.29254	0.843811	0.88999	-1.12361	0.822891	1.14162	1.14162	0.601827	1.36484	1.36484	0.348021	1.76978	1.76978											
cg11448166	PRKAR1B;PRKAR1B		0.861154	0.68853	1.30262	1.30262	0.421521	1.71383	1.71383	0.828317	1.15315	1.15315	0.792445	0.841115	-1.1889	0.7401	1.24411	1.24411											
cg07668840	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1		0.861162	0.544243	1.56401	-1.15491	0.97434	0.977371	-1.02319	0.428413	1.77953	1.77953	0.64088	1.39508	1.39508	0.812978	0.844254	-1.18407											
cg21179913	EFNB2		0.861218	0.449388	1.56479	1.56479	0.649363	1.13081	1.30081	0.91212	1.0654	1.0654	0.355455	1.32659	1.32659	0.712659	0.233909	2.05139	2.05139											
cg06659514	URB1;C21orf119;URB1		0.861289	0.454043	0.745948	-1.34058	0.491122	1.30544	1.30544	0.768137	1.08157	1.08157	0.206175	0.836316	1.19579	0.307669	0.824619	-1.21273	0.829883	1.20529	0.829883	1.20529	0.829883	1.20529

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1521 vs. N)	Fold-Change(1521 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg07424155	CAPZA2	0.861749	0.77637	0.930721	1.07496	0.411549	0.808072	-1.23751	0.43571	1.22364	1.22364	0.731283	0.109143	1.09143	0.822567	0.944591	1.05866	0.609621	0.906288	-1.1034	0.996855	0.802364	-1.24632	0.880226	0.995628	-1.00439	0.248392	0.73621	-1.35381	0.465952	0.475354	0.906825	1
cg23936900	TOP1;TOP1	0.861754	0.383875	2.4024	2.4024	0.486312	2.02046	2.00246	0.308149	2.81639	2.81639	0.499932	0.510594	-1.9585	0.759844	1.35117	1.35117	?	?	?	0.949076	0.939228	-1.0647	0.78442	0.758126	-1.31904	0.731755	0.71336	-1.40182	0.447551	0.07112	13.5652	1
cg20741528	CCDC127;SDHA	0.861787	0.298037	2.37435	2.37435	0.535739	0.604898	-1.65317	0.878211	0.884334	-1.13079	0.527439	0.598557	-1.67058	0.552908	0.61804	-1.61802	0.722979	0.751783	-1.33017	0.253212	0.384209	-2.60275	0.950037	0.95101	-1.05151	0.758887	0.781304	-1.27991	0.465893	0.47412	0.904599	1
cg19634332	SEC23A;SEC23A	0.861795	?	?	?	0.808637	1.33617	1.33617	0.402569	2.85202	2.85202	0.945624	1.08472	1.08472	0.958091	1.06466	1.06466	?	?	?	0.882094	0.837726	-1.19371	0.688648	1.6209	1.6209	0.334089	2.0924	-1.41997	0.401919	0.126558	8.710471	1
cg03470754	PGAM2;PGAM2	0.861846	0.577077	0.784506	-1.27469	0.317346	0.640635	-1.56095	0.837592	0.915371	-1.09245	0.252025	0.167446	1.67446	0.875656	0.934764	-1.06979	0.571798	0.78181	-1.27908	0.797119	0.719547	-1.19292	0.937	0.966518	-1.03464	0.465804	0.36916	2.61276	1
cg16601415	DNM2;DNM2;DNM2;DNM2	0.86185	0.944785	1.02481	1.02481	0.609322	0.833321	-1.20002	0.381259	1.37396	1.37396	0.364631	0.710246	-1.39034	0.490434	0.780151	-1.28121	0.702293	0.872966	-1.14552	0.652221	1.17409	1.17409	0.414764	1.34607	1.34607	0.826367	1.08082	1.08082	0.465798	0.923234	1.76182	1
cg03940549	PDLIM3;PDLIM3	0.861888	0.426784	1.38475	1.38475	0.627931	1.18569	1.18569	0.401911	1.41079	1.41079	0.558108	1.2682	1.2682	0.752206	0.880676	-1.13549	0.633681	1.21239	1.21239	0.464728	1.34782	1.34782	0.585543	0.801801	-1.24719	0.412802	0.714699	-1.39919	0.465739	1.18706	2.26556	1
cg26493146	MAPKBP1;MAPKBP3	0.861902	0.830458	0.913121	-1.09515	0.248897	1.50754	1.50754	0.170295	1.8573	1.8573	0.959446	0.978277	-1.02179	0.674805	0.836221	-1.19586	0.720348	0.858667	-1.1646	0.799444	1.11383	1.11383	0.562027	1.28315	1.28315	0.884766	1.0634	1.0634	0.465718	1.53521	2.52935	1
cg09572503	NUDT3	0.861904	0.168643	0.833236	-1.20005	0.712156	1.33021	1.33021	0.700968	1.93452	1.93452	0.861842	0.874488	-1.14353	0.501481	0.93972	-1.0355	0.83068	1.17924	1.17924	0.814808	1.32653	1.32653	0.918261	0.924006	-1.08224	0.359735	2.06478	2.06478	0.467515	4.372558	8.34574	1
cg25400334	ESR1;ESR1;ESR1;ESR1	0.861918	0.642369	0.678217	-1.47445	0.825106	1.20172	1.20172	0.87731	0.879618	-1.13686	0.255874	2.67716	2.67716	0.62082	0.660089	-1.51289	0.565021	0.616963	-1.62084	0.307783	2.4025	2.4025	0.786843	1.25237	1.25237	0.664893	1.43598	1.43598	0.465694	5.084427	9.70454	1
cg14346208	PAM81;PAM81	0.861931	0.604746	1.510122	1.510122	0.49597	1.27497	1.27497	0.290167	1.96033	1.96033	0.69399	1.69399	1.69399	0.644572	1.82614	1.82614	1.82614	0.73146	1.36569	2.88126	1.40436	3.127217	1.12117	0.617958	0.511321	0.955572	0.734614	0.658185	0.513193	0.44805	2.68022	2.68022	0.80524	0.461441	2.73875	2.73875	0.465674	13.1247	25.01526	1
cg19572362	GNAI3	0.86194	0.9203	1.02914	1.02914	0.747839	1.06335	1.06335	0.695259	1.07729	1.07729	0.372256	1.09059	1.09059	0.391978	1.18177	1.18177	0.195742	1.29766	1.29766	0.616474	0.908131	-1.10094	0.804488	0.953865	-1.04837	0.6209	1.09959	1.09959	0.46566	0.267463	0.510554	1
cg14385547	MYC;NPC	0.861949	0.803097	1.13453	1.12853	0.837143	1.01063	1.01063	0.63215	1.2566	1.2566	0.692	1.20593	1.20593	0.429487	0.795635	-1.25686	0.34015	0.629828	-1.58729	0.926093	1.04459	1.04459	0.514958	1.36081	1.36081	0.227954	1.81555	1.81555	0.465647	1.63102	3.1135	1
cg20912772	FGD6	0.862006	0.768228	0.865181	-1.15583	0.191018	1.97087	1.97087	0.464665	0.939802	-1.08719	0.827864	1.11262	1.11262	0.463904	0.69397	-1.44098	0.947958	1.03251	1.03251	0.60613	1.2903	1.2903	0.521873	1.37453	1.37453	0.601897	0.772648	-1.29425	0.46556	1.77071	3.3808	1
cg17016867	R3HDM1;ZRANB3	0.862009	0.601095	1.23161	1.23161	0.388201	0.70522	-1.418	0.270292	1.57348	1.57348	0.940486	0.758363	-1.31863	0.687543	1.21353	1.21353	0.557223	1.26419	1.26419	0.765869	1.12517	1.12517	0.673425	1.18222	1.18222	0.465555	1.14987	2.19545	1
cg06302603	SNHG4;MAT63	0.862031	0.218239	0.637095	-1.56962	0.492497	1.27474	1.27474	0.662282	0.858188	-1.16535	0.330557	0.69521	-1.43919	0.598628	0.837412	-1.20918	0.994348	0.997536	-1.00247	0.91692	0.964316	-1.037	0.963237	1.01618	1.01618	0.506542	0.790817	-1.26451	0.465522	0.894084	1.70721	1
cg22681934	NCAN	0.86204	?	?	?	0.577355	1.76995	1.76995	0.806303	1.28294	1.28294	0.589911	1.73645	1.73645	0.704187	1.47237	1.47237	?	?	?	0.982213	0.977643	-1.02287	0.513001	1.95984	1.95984	0.166089	4.47188	4.47188	0.424618	5.38027	14.481	1
cg08505135	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.862063	0.895592	1.03217	1.03217	0.639852	0.892573	-1.12036	0.463827	0.835427	-1.19699	0.869883	0.961236	-1.04033	0.311719	0.776947	-1.28709	0.620376	1.12796	1.12796	0.365671	1.25125	1.25125	0.481748	0.954534	-1.04763	0.428386	0.820837	-1.21827	0.465472	0.428732	0.818728	1
cg17609828	SAMD12;SAMD12	0.862067	0.996107	1.00387	1.00387	0.992183	1.00779	1.00779	0.416338	0.51799	-1.93054	0.824768	0.838954	-1.19196	0.355023	0.470759	-2.12423	0.247201	0.383624	-2.60672	0.956472	0.957699	-1.04417	0.430081	1.89227	1.89227	0.60553	0.661962	-1.51006	0.465466	4.62243	8.82734	1
cg05265359	OIT;TL8	0.862208	0.759943	1.23161	1.23161	0.479377	1.71736	1.71736	0.30873	2.04375	2.04375	0.968562	1.82614	1.82614	0.731947	1.34432	1.34432	0.931973	0.943718	-1.05964	0.605769	1.42369	1.42369	0.902103	1.86962	1.86962	0.214696	2.42596	2.42596	0.465447	3.93955	6.48083	1
cg11694634	C20orf12;POU3F;C20orf12	0.862097	0.748098	0.925978	-1.07994	0.488735	0.845468	-1.18278	0.429573	0.829492	-1.21222	0.721999	0.58901	-1.69783	0.391917	0.818177	-1.18177	0.195742	1.29766	1.29766	0.616474	0.908131	-1.10094	0.804488	0.953865	-1.04837	0.6209	1.09959	1.09959	0.46566	0.267463	0.510554	1
cg14385547	MYC;NPC	0.861949	0.803097	1.13453	1.12853	0.837143	1.01063	1.01063	0.63215	1.2566	1.2566	0.692	1.20593	1.20593	0.429487	0.795635	-1.25686	0.34015	0.629828	-1.58729	0.926093	1.04459	1.04459	0.514958	1.36081	1.36081	0.227954	1.81555	1.81555	0.465647	1.63102	3.1135	1
cg09197272	FGD6	0.862006	0.768228	0.865181	-1.15583	0.191018	1.97087	1.97087	0.464665	0.939802	-1.08719	0.827864	1.11262	1.11262	0.463904	0.69397	-1.44098	0.947958	1.03251	1.03251	0.60613	1.2903	1.2903	0.521873	1.37453	1.37453	0.601897	0.772648	-1.29425	0.46556	1.77071	3.3808	1
cg17016867	R3HDM1;ZRANB3	0.862009	0.601095	1.23161	1.23161	0.388201	0.70522	-1.418	0.270292	1.57348	1.57348	0.940486	0.758363	-1.31863	0.687543	1.21353	1.21353	0.557223	1.26419	1.26419	0.765869	1.12517	1.12517	0.673425	1.18222	1.18222	0.465555	1.14987	2.19545	1
cg06302603	SNHG4;MAT63	0.862031	0.218239	0.637095	-1.56962	0.492497	1.27474	1.27474	0.662282	0.858188	-1.16535	0.330557	0.69521	-1.43919	0.598628	0.837412	-1.20918	0.994348	0.997536	-1.00247	0.91692	0.964316	-1.037	0.963237	1.01618	1.01618	0.506542	0.790817	-1.26451	0.465522	0.894084	1.70721	1
cg22681934	NCAN	0.86204	?	?	?	0.577355	1.76995	1.76995	0.806303	1.28294	1.28294	0.589911	1.73645	1.73645	0.704187	1.47237	1.47237	?	?	?	0.982213	0.977643	-1.02287	0.513001	1.95984	1.95984	0.166089	4.47188	4.47188	0.424618	5.38027	14.481	1
cg08505135	HOMER3;HOMER3;HOMER3;HOMER3;HOMER3;HOMER3	0.862063	0.895592	1.03217	1.03217	0.639852	0.892573	-1.12036	0.463827	0.835427	-1.19699	0.869883	0.961236	-1.04033	0.311719	0.776947	-1.28709	0.620376	1.12796	1.12796	0.365671	1.25125	1.25125	0.481748	0.954534	-1.04763	0.428386	0.820837	-1.21827	0.465472	0.428732	0.818728	1
cg17609828	SAMD12;SAMD12	0.862067	0.996107	1.00387	1.00387	0.992183	1.00779	1.00779	0.416338	0.51799	-1.93054	0.824768	0.838954	-1.19196	0.355023	0.470759	-2.12423	0.247201	0.383624	-2.60672	0.956472	0.957699	-1.04417	0.430081	1.89227	1.89227	0.60553	0.661962	-1.51006	0.465466	4.62243	8.82734	1
cg05265359	OIT;TL8	0.862208	0.759943	1.23161	1.23161	0.479377	1.71736	1.71736	0.30873	2.04375	2.04375	0.968562	1.82614	1.82614	0.731947	1.34432	1.34432	0.931973	0.943718	-1.05964	0.605769	1.42369	1.42369	0.902103	1.86962	1.86962	0.214696	2.42596	2.42596	0.465447	3.93955	6.48083	1
cg11694634	C20orf12;POU3F;C20orf12	0.862097	0.748098	0.925978	-1.07994	0.488735	0.845468	-1.18278	0.429573	0.829492	-1.21222	0.721999	0.58901	-1.69783	0.391917	0.818177	-1.18177	0.195742	1.29766	1.29766	0.616474	0.908131	-1.10094	0.804488	0.953865	-1.04837	0.6209	1.09959	1.09959	0.46566	0.267463	0.510554	1
cg00591515	LENG8	0.862105	0.759906	1.13817	1.13817	0.637143	1.01063	1.01063	0.63215	1.2566	1.2566	0.692	1.20593	1.20593	0.429487	0.795635	-1.25686	0.34015	0.629828	-1.58729	0.926093	1.04459	1.04459	0.514958	1.36081	1.36081	0.227954	1.81555	1.81555	0.465647	1.63102	3.1135	1
cg18490466	ZFYVE21	0.862116	0.204651	5.187	5.187	0.211499	0.04767	0.04767	0.591307	1.94771	1.94771	0.530251	2.18577	2.18577	0.682104	1.6595	1.6595	0.483111	2.40277	2.40277	0.438048	2.64558	2.64558	0.579229	1.99153	1.99153	0.874772	1.21407	1.21407	0.465391	11.1496	21.2955	1
cg15337700	HSPB1	0.862119	0.86161	0.896295	-1.1157	0.576241	0.70167	-1.42517	0.782864	0.840848	-1.18928	0.243106	0.455672	-2.19456	0.216945	0.442565	-2.25955	0.633248	0.739605	-1.35207	0.348419	0.545672	-1.8326	0.473459	0.612872	-1.5801	0.995235	0.99626	-1.00375	0.465387	0.290201	0.54284	1
cg15444529	EIF1SL1	0.862138	0.227512	0.533905	-1.87299	0.330083	0.974855	-1.64519	0.668317	0.80763	-1.23819	0.470187	0.994939	-1.40897	0.616456	0.657966	-1.51988	0.93302	1.03927	1.03927	0.756494	0.857127	-1.16663	0.753396	1.16894	1.16894	0.737135	1.1816	1.1816	0.46559	1.3585	3.45444	1
cg16592453	TAIS2	0.862144	0.413948	0.370362	-2.70006	0.579947	1.94189	1.94189	0.742734	1.4779	1.4779	0.512868	0.454602	-2.19972	0.315033	0.290025	-3.44798	?	?	?	0.989011	1.01646	1.01646	0.764506	0.700285	-1.42799	0.585627	1.91919	1.91919	0.442284	8.56395	16.9426	1
cg12488447	PIP5K1B	0.862191	0.662422	1.31901	1.31901	0.493604	1.22883	1.22883	0.604413	1.55765	1.55765	0.838584	0.941335	-1.06232	0.821659	0.860923	1.16021	1.16021	0.272932	1.40242	1.40242	0.901733	1.06404	1.06404	0.210731	1.65236	1.65236	0.513073	1.55073	1.55073	0.647378	1.23678	2.32508	1
cg19078186	CPNE3	0.862213	0.556133	1.16777	1.16777	0.965478	1.01134	1.01134	0.857486	1.04794	1.04794	0.624061	1.13734	1.13734	0.280023	0.746343	-1.33987	0.51603	0.842342	-1.18717	0.789568	0.932687	-1.07217	0.306831	1.31735	1.31735	0.877877	1.960731	-1.04087	0.465244	0.500134	0.955549	1
cg19814309	RNUNOLS	0.862229	0.669572	0.864348	-1.15694	0.977516	1.00962	1.00962	0.846852	1.06787	1.06787	0.203418	0.633872	-1.57761	0.261621	0.671968	-1.48817	0.750363	1.11449	1.11449	0.772845	0.906387	-1.10328	0.625266	1.18194	1.18194	0.86727	0.944779	-1.05845	0.46522	0.849737	1.62358	1
cg10703229	ATP2A1;ATP2A1;ATP2A3;ATP2A3;ATP2A3

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg12570592	ACOT7		0.86357	0.778	0.915785	-1.09196	0.41385	1.271049	-1.26693	0.687878	1.13394	1.13394	0.902543	1.021552	1.021552	1.038919	1.15908	1.15908	0.539927	1.21305	1.21305	0.40259	0.767322	-1.30323	0.406796	1.24339	0.787341	1.0878	0.46317	0.710654	1.36384	1
cg19804605	FAM163A,FAM163A		0.863622	0.155169	1.95479	1.95479	0.863726	1.08313	1.08313	0.628198	1.23988	1.23988	1.541121	1.31336	1.31336	1.313766	1.89723	1.89723	1.0586	1.0586	0.348879	1.52948	1.52948	0.720287	0.853482	-1.17167	0.461813	1.39107	1.39107	0.841074	1.09249	0.963092	1.42303	2.73319	1
cg25703346	GAUNT13		0.863622	0.865892	1.03004	1.03004	0.298149	0.827909	-1.20786	0.912846	1.01936	1.01936	0.9881	1.00262	1.00262	0.437961	1.1486	1.1486	0.980745	1.00424	1.00424	0.738661	0.943054	-1.06038	0.74257	0.943919	-1.05941	0.24313	1.23847	1.23847	0.663091	0.2248895	0.431678	1
cg20038346	YIPF3		0.863684	0.579647	0.77123	-1.29663	0.208167	1.85172	1.85172	0.691609	1.20336	1.20336	0.567123	1.38011	1.38011	0.43039	1.2497	1.2497	0.970504	1.01727	1.01727	0.635907	0.801377	-1.24785	0.745464	0.859647	-1.16327	0.864298	0.923652	-1.08266	0.462996	1.58072	3.03476	1
cg09283635	ZNF800,ZNF800		0.863694	0.353069	3.05775	3.05775	0.753669	0.692956	-1.44309	0.711299	1.54224	1.54224	?	?	?	?	0.656377	0.593325	-1.68542	?	?	?	0.448062	0.403669	-2.47727	0.718988	1.52357	1.52357	0.566177	0.50841	-1.96692	0.418067	0.837	0.63784	16.3549	1
cg26690207	SSU72,C1orf70		0.863704	0.459081	0.787582	-1.26971	0.516143	1.23188	1.23188	0.266496	1.443	1.443	0.796155	1.08546	1.08546	0.422654	0.771941	1.29544	0.996319	0.98954	-1.00146	0.592835	0.842845	-1.18646	0.870897	1.05287	1.05287	0.781688	0.89155	-1.12164	0.842967	0.735692	1.41252	1
cg27434245	CBFA2T3;CBFA2T3;CBFA2T3		0.863733	0.480697	0.882326	-1.13337	0.442517	0.872183	-1.14655	0.909458	0.980327	-1.02007	0.429448	0.868602	-1.15127	0.288235	1.21235	1.21235	0.636041	1.08682	1.08682	0.715957	0.938171	-1.0659	0.957598	0.990757	-1.00933	0.664468	1.0792	1.0792	0.462921	0.223637	0.429422	1
cg14391258	UST		0.863764	0.777774	0.941986	-1.06159	0.184282	0.742685	-1.34647	0.746271	1.07098	1.07098	0.8542	1.05962	1.05962	0.990786	0.992564	-1.00844	0.994315	0.998496	-1.00151	0.704614	1.08379	1.08379	0.819814	1.04937	1.04937	0.375359	0.79686	-1.27087	0.462874	0.327087	0.628128	1
cg00615145	ARHGEF11;ARHGEF11		0.863766	0.87961	0.985313	0.51495	0.502863	0.93578	-1.06863	0.707528	1.03748	1.03748	0.901876	0.988032	0.988032	0.512111	0.828418	0.828418	0.906536	1.04098	0.696975	0.96252	-1.03894	0.559039	0.943955	-1.05937	0.810356	1.02374	1.02374	0.122921	0.849461	-1.17722	0.62871	0.0808558	0.13415	1
cg06212607	GGPS1;GGPS1;ARID4B;ARID4B;GGPS1		0.863777	0.728568	0.890019	-1.12357	0.623586	1.1799	1.1799	0.512003	1.24909	1.24909	0.882029	0.951551	-1.05092	0.156146	1.66095	1.66095	0.384711	1.34724	1.34724	0.635609	1.17309	1.17309	0.676174	1.15083	1.15083	0.904794	0.960773	-1.04083	0.462854	0.819914	1.5746	1
cg15783064	C12orf72,C12orf72,C12orf72		0.863799	0.508103	1.11356	1.11356	0.95561	1.00896	1.00896	0.417919	0.875802	-1.14181	0.68754	0.936905	-1.06734	0.595445	1.08965	1.08965	0.829564	1.19002	1.19002	0.41931	0.876164	-1.14134	0.892098	0.978491	-1.02198	0.806343	1.04013	1.04013	0.182238	0.183138	0.361336	1
cg19983463	TSPO2;TSPO2		0.863822	0.392179	0.654046	-1.51512	0.868435	1.08182	1.08182	0.785065	1.14216	1.14216	0.640092	0.795344	-1.25732	0.390288	0.651789	1.53424	1.01944	0.981833	0.818576	-1.22159	0.621676	1.27362	1.27362	0.842816	1.73305	1.32861	1
cg25191304	HIVEP3;HIVEP3		0.863819	0.603541	0.617993	-1.61834	0.25811	1.95648	1.95648	0.564855	0.585919	-1.70672	0.498343	0.531823	-1.88032	0.41679	2.14327	2.14327	0.995289	1.00544	1.00544	0.674595	1.47388	1.47388	0.679502	1.46467	1.46467	0.834121	0.824779	-1.21245	0.46279	0.1851	11.8798	1
cg19098580	INPP5A		0.863822	0.645469	0.908477	-1.10074	0.638487	1.10302	1.10302	0.67536	0.916428	-1.09119	0.716118	1.07861	1.07861	0.841269	0.959303	-1.04242	0.772582	0.941726	-1.06188	0.716311	1.34644	1.34644	0.904205	1.02526	1.02526	0.456071	0.85446	-1.17033	0.462785	0.314668	0.604395	1
cg22191964	THADA;THADA		0.863827	0.758091	1.13316	1.13316	0.892763	1.05622	1.05622	0.605366	1.38275	1.38275	0.809476	1.23537	1.23537	0.288335	1.56362	1.56362	0.609277	1.2325	1.2325	0.76792	1.12749	1.12749	0.716627	0.862585	-1.15931	0.785963	1.1167	1.1167	0.102466	1.74964	1.74964	0.642777	1.2053	2.3151	1
cg27039684	RADIL		0.863836	0.579759	0.754222	-1.32587	0.9959882	1.00254	1.00254	0.175334	0.483447	-2.06848	0.413274	0.655858	-1.52472	0.674053	0.80789	-1.23779	0.718686	0.833251	-1.20012	0.67462	1.2373	1.2373	0.821039	0.892025	-1.12104	0.339073	0.608396	-1.64367	0.462764	1.86395	3.58031	1
cg17405058	ACAP3		0.863859	0.660401	1.23242	1.23242	0.304256	1.73202	1.73202	0.460099	1.427	1.427	0.786684	1.13681	1.13681	0.941033	1.03559	1.03559	0.747848	1.16472	1.16472	0.153292	2.06032	2.06032	0.4753	1.40942	1.40942	0.831605	1.10584	1.10584	0.462729	1.63721	3.146	1
cg25369168	FAM163A		0.863875	0.562168	0.874385	1.14409	0.240644	1.32496	1.32496	0.198703	0.99062	-1.00962	0.93073	1.03036	1.03036	0.684676	0.910723	1.09803	0.973726	-1.02525	0.911782	1.10257	1.10257	0.925721	0.293796	1.18329	1.18329	0.962704	0.384476	0.738606	1
cg10011746	FANCA;FANCA		0.863886	0.351532	1.837	1.837	0.324438	1.90685	1.90685	0.685205	1.29498	1.29498	0.551013	1.46612	1.46612	0.642116	1.34563	1.34563	0.620755	1.37211	1.37211	0.239947	2.18245	2.18245	0.294852	1.99189	1.99189	0.939351	0.952881	-1.04945	0.462688	2.94812	5.66375	1
cg06539466	SHOC2		0.863893	0.2131	0.78007	-1.28182	0.0139	1.95647	1.95647	0.0951	0.995399	1.00468	0.899244	1.00239	1.00239	0.991539	0.990324	-1.0039	0.974325	0.683758	-1.46255	0.853474	1.08012	1.08012	0.91171	0.954814	-1.04732	0.925777	1.03863	1.03863	0.682676	1.27347	2.44607	1
cg00519884	ENPP6		0.863925	0.744986	1.12223	1.12223	0.245981	1.5353	1.5353	0.383588	1.3712	1.3712	0.796129	0.912577	-1.0958	0.522879	1.25709	1.25709	0.468806	0.770721	-1.29749	0.879411	1.05511	1.05511	0.439579	1.32119	1.32119	0.789942	1.08993	1.08993	0.462688	0.914766	1.75762	1
cg08222120	NATB1		0.863926	0.615534	1.1494	1.1494	0.736236	1.18121	1.18121	0.553382	1.18667	1.18667	0.737273	1.3249	1.3249	0.477544	1.24837	1.24837	0.914388	1.03958	1.03958	0.911136	0.960505	-1.04112	0.621464	0.835565	-1.1968	0.390328	0.727816	-1.37397	0.462625	0.954524	1.83403	1
cg10795342	SDK1;SDK1		0.863927	0.880448	1.05582	1.05582	0.369746	1.39441	1.39441	0.625627	1.1942	1.1942	0.554505	1.24083	1.24083	0.330978	0.696249	1.43627	0.914388	1.03958	1.03958	0.911136	0.960505	-1.04112	0.621464	0.835565	-1.1968	0.390328	0.727816	-1.37397	0.462625	0.954524	1.83403	1
cg25724457	GABBR1;GABBR1		0.863929	0.368409	1.13774	1.13774	0.473339	0.406766	-2.45484	0.966326	1.05345	1.05345	0.528571	1.29185	1.29185	0.533738	1.27576	1.27576	0.49398	0.424553	-2.35542	0.418753	2.7706	2.7706	0.257825	1.27212	1.27212	0.496802	1.24189	1.24189	0.462621	11.1462	21.4166	1
cg06889442	POLR2H		0.863942	0.824333	1.05078	1.05078	0.216847	1.26481	1.26481	0.742841	1.24691	1.24691	0.713293	1.26986	1.26986	0.762744	1.18847	1.18847	0.405202	0.662914	0.661782	1.38257	1.38257	1.38257	0.0438	1.05665	1.05665	0.809551	1.4964	1.4964	0.500706	1.70718	1.70718	0.440283	3.82904	8.62041	1
cg02991474	SORD		0.863942	0.523993	0.834044	-1.19898	0.749317	0.913847	-1.09427	0.875414	0.956866	-1.04508	0.967115	1.01165	1.01165	0.572293	0.851845	-1.17392	0.429816	0.79734	-1.25417	0.567195	0.846991	-1.17648	0.127634	0.629444	-1.5887	0.818282	1.06681	1.06681	0.462602	0.578586	1.11175	1
cg00144594	PHGR1		0.863948	0.205639	0.428637	2.33242	0.642441	0.78552	1.2814	0.72162	1.1014	1.1014	0.821163	0.792152	1.26238	0.567713	0.78454	1.2403	0.922425	0.938636	-1.06538	0.624882	0.736279	1.35818	0.767018	0.813051	1.22994	0.748327	0.811158	1.23281	0.462594	3.09091	5.95081	1
cg08183935	RAB13		0.863966	0.975849	0.10328	0.10328	0.463083	1.3868	1.3868	0.901458	1.05546	1.05546	0.890277	0.94162	-1.062	0.935275	0.671369	1.48949	?	?	?	0.784722	0.678214	0.611792	-1.63454	0.691083	0.840244	-1.19013	0.638568	1.22896	1.22896	0.444145	1.1874	2.67346	1
cg13497696	RPP24		0.86397	0.455407	0.73388	0.73388	0.789486	0.630636	-1.5857	0.813978	1.50085	1.50085	0.417165	4.21481	4.21483	0.678193	2.05393	2.05393	0.290685	0.67434	0.67434	?	0.717792	?	0.374544	0.87376	0.87376	0.418009	4.20321	4.20321	0.433677	17.23134	29.7999	1
cg20986655	TCTE3;C6orf70		0.863972	0.83226	1.02628	1.02628	0.375742	1.61042	1.61042	0.586307	1.6256	1.6256	0.811482	1.25326	1.25326	0.514233	1.36504	1.36504	0.526202	1.84565	1.84565	0.309544	2.88504	2.88504	0.224955	1.76255	1.76255	0.564159	-1.17255	0.503912	1.82159	0.462755	3.72965	6.11068	1
cg20594765	GAUNT2		0.863978	0.715138	0.832638	-1.201	0.335586	0.608857	-1.64242	0.392881	0.64574	-1.54861	0.82486	1.11712	1.11712	0.247202	0.546298	1.8305	0.704569	0.826073	-1.20967	0.515835	1.38989	1.38989	0.757447	0.856591	-1.16742	0.938405	1.03937	1.03937	0.462546	1.82914	3.51511	1
cg00595231	NHSL2;AGAL		0.863992	0.4731	0.736443	1.3582	0.36612	0.965144	-1.03562	0.753782	1.5701	1.5701	0.450788	1.78002	1.78002	0.368442	0.820994	1.2457	0.499463	0.991841	1.00816	0.984042	0.828396	1.20705	0.634663	0.690017	-1.45002	0.685485	1.14688	1.14688	0.462557	1.4167	2.48779	1
cg19189965	ABCB9;OSFOD2 TMED7-TICAM2;TMED7-		0.864029	0.547174	0.806614	-1.23975	0.719247	0.880433	-1.1358	0.544932	0.80562	-1.24128	0.737431	1.12603	1.12603	0.695947	1.1486	1.1486	0.172858	1.66818	1.66818	0.986169	0.993904	-1.00613	0.670632	0.859922	-1.1629	0.766822	0.90041	1.1106	1.0624	0.462469	0.911524	1.752	1
cg16653385	TICAM2;TICAM2		0.864029	0.314761	0.624089	-1.60049	0.197927	0.540287	-1.85087	0.928294	1.04156	1.04156	0.898157	0.943715	-1.05964	0.68256	0.830235	-1.20448	0.582006	0.776118	0.963211	0.805	0.930489	-1.07503	0.49789	0.730233	-1.36943	0.316241	0.625768	-1.59804	0.462468	0.91948	2.8815	1
cg19055803	RTBDN		0.864052	0.305582	0.524252	-1.90748	0.848297	0.88996	-1.12365	0.658648	1.31081	1.31081	0.297378	0.518073	-1.93023	0.398701	0.59098	-1.6921	0.774919	0.839857	-1.19068	0.415788	0.602715	-1.65916	0.640843	0.751252	-1.33111	0.394711	0.588221	-1.70004	0.462434	2.714	5.21683	1
cg19591439	ZNF627		0.864062	0.503862	1.19207	1.19207	0.602004	0.824411	-1.21737	0.422625	0.97965	1.27965	0.526521	1.27965	1.27965	0.526521	1.23359	0.914433	1.17757	1.17757	0.886088	1.10527	1.10527	0.362393	0.902915	0.944265	0.58262	0.994935	0.98385	-1.01228	0.998385	1.00233	1.00233	0.462412	0.666459	1.28113	1
cg16477426	CKAP4		0.864088	0.352769	1.27259	1.27259	0.68362	1.11882	1.11882	0.847496	1.04974	1.04974	0.651828	1.12133	1.12133	0.746313	1.08527	1.08527	0.421182	1.23018	1.23018	0.240918	0.738043	-1.35493	0.863697	1.04336	1.04336	0.565	1.15795	1.15795	0.462538	0.465418	0.894734	1
cg03446428	MICAL2		0.864103	0.546925	1.12633	1.12633	0.406623	0.847321	-1.18019	0.776556	1.0571	1.0571	0.880756	0.97113	-1.02973	0.411923	0.848973	-1.17789	0.308785	0.814183	-1.22823	0.896699	0.974969	-1.02567	0.605124	1.10715	1.10715	0.477754	0.868608	-1.15127	0.462355	0.278892	0.536176	1
cg04847043	KIAA0182;KIAA0182		0.864136	0.367667	1.79687	1.79687	0.45233	0.554121	-1.80431	0.577475	1.55625	1.55625	0.374931	1.78391	1.78391	0.374931	1.46402	1.46402	0.509299	1.18215	1.18215	0.518011	0.625959	1.59782	0.714302	0.738962	1.35382	0.740139	0.64019	1.56183	1.56183	0.462592	0.293809	0.564883	1
cg11442416	ARHGAP8;ARHGAP8;PRR5-ARHGAP8		0.86413	0.928345	1.06816	1.06816	0.522006	1.60922	1.60922	0.60942	0.729887	-1.37007	0.370004	0.509195	-1.96388	0.244334	2.44225	2.44225	0.891133	1.00478	-1.10561	0.760645	0.827522	-1.20845	0.652866	1.13217	1.13217	0.475217	1.70288	1.70288	0.462314	3.93537	7.56651	1
cg07817783	DAP		0.864146	0.153584	1.50141	1.50141	0.673839	0.572521	-1.64436	0.828576	1.49179	1.49179	0.66181	1.62669	1.62669	0.312993	2.16986	2.16986	0.829374	0.709359	0.692907	1.44067	1.44067	1.44067	0.0078	0.893193	0.893193	-1.0883	0.466497	1.04874	1.04874	0.462625	0.000681	0.002082	0.004	1
cg03620886	ZGLP1		0.864151	0.999121	0.999494	-1.00051	0.719358	0.18028	1.18028	0.835434	0.908866	-1.10027	0.428373	1.4498	1.4498	0.2699	1.69515	1.69515	0.374267	1.52038	1.52038	0.308247	1.62332	1.62332	0.811623	0.896118	-1.11592	0.784774	0.881828	-1.13401	0.462281	1.54059	2.97094	1
cg01548911	SPRY4		0.864159	0.528264	0.747458	-1.33749	0.699829	0.874552	1.14384	0.716162	0.88687	1.12528	0.78	1.1878	1.1878	?	0.842133	1.2403	0.730004	1.17605	1.17605	0.619409	0.643749	1.55885	0.647376	1.48311	0.812788	1.15744	0.86715	1.15744	0.462127	1.17344	0.58573	1
cg04607379	PEX14		0.864175	0.839435	0.917018	1.09049	0.839272	1.09059	1.09059	0.794396	0.941571	1.06206	0.277073	1.62044	1.62044	0.89808	0.942154	-1.0614	0.438116	1.25915	1.25915	0.791491	0.900202	-1.11086	0.474639	1.23596	1.23596	0.285003	1.38205	1.38205	0.46216	0.621371	1.19511	1
cg18013756	SPIN1		0.864253	0.921205	1.07916	1.07916	0.957304	0.980158	1.02022	0.939163	0.971887	-1.02893	0.147499	0.560008	-1.78569	0.207184	1.78569	1.78569	0.79704	0.908208	-1.10077	0.651283	1.18529	1.18529	0.990647	1.00009	-1.00009	0.993462	1.00353	1.00353	0.462126	1.0215	0.9643	1
cg25415877	GIN1		0.864263	0.231514	0.55328	0.55328	0.449373	1.82399	1.82399	0.94827	1.01111	1.01111	0.835663	1.42539	1.42539	0.505163	3.22503	3.22503	0.72308	0.543938	-1.83844	0.692139	1.97763	1.97763	0.626156	2.32488	2.32488	?	?	?	0.416159	14.8199	17.7902	1
cg04430954	TMEM110		0.864278	0.178515	1.66509	1.66509	0.763399	1.1137	1.1137	0.939354	1.02751	1.02751	0.997192	1.00126	1.00126	0.960207	0.982359	-1.01796	0.92008	0.964833	-1.03645	0.877271	0.966365	-1.03507	0.349115	0.5368	1.5368	0.673803	0.859829	-1.16302	0.462087	0.931247	1.79138	1
cg18636716	WDR13;WDR13;WDR13		0.864285	0.382517	0.748118	0.830891	0.67598	-1.47933	0.554765	1.88583	0.32126	-1.85983	0.225208	0.30101	0.30101	0.936254	1.15773	1.15773	0.139082	0.19506	0.67534	0.244004	0.092405	-0.0853	0.923185	1.19315	1.19315	0.462077	24.5359	47.1992	1
cg19385624	DHX16;DHX16;DHX16;DHX16 LOC283501;LOC283501;LOC283502;DM		0.864294	0.627653	0.853424	-1.17175	0.532873	0.814787	-1.22731	0.968794	0.987394	-1.01277	0.953471	0.981256	-1.0191	0.592009	0.839095	-1.19176	0.354096	0.734093	-1.36229	0.492858	0.797839	-1.25398	0.620861	1.46266	1.46266	0.839515	1.06796	1.06796	0.462063	0.769545	1.48041	1
cg19168578	I21		0.864331	0.50919	0.933344	-1.07142	0.401292	0.915305	-1.09253	0.365183	1.10059	1.10059	0.4792	0.928575	-1.07692	0.818629	0.976616	-1.02394	0.393651	0.91392	-1.09419	0.800806	0.974292	-1.02639	0.765496	1.03129	1.03129	0.668012	1.04545	1.04545	0.462006	0.0776515	0.1494	1
cg21565802	ATP6V1F		0.864357	0.641659	0.950713	-1.05184	0.391115	0.909591	-1.0904	0.931009	0.980708	-1.00938	0.581916	1.044794	-1.0618	0.844785	0.978946	-1.0215	0.921353	1.02314	1.02314	0.832447	0.907842	-1.10151	0.578349	1.04242	1.04242	0.662467	0.967	1.03407	0.980909	0.163726	1
cg13133881	RGR;RGR;RGR		0.864363	0.440336	0.555793	-1.79923	0.524549	0.61613	-1.62303	0.840042	1.1639	1.1639	0.735225	0.775006	-1.29031	0.461824	0.569745	-1.75517	0.298072	0.44824	-2.24808	0.315817	0.458917	-2.17904	0.387653	0.514286	-1.94444	0.730894	1.296	1.296	0.461956	0.12645	0.794004	1
cg12044685	CY26B1		0.864377	0.790202	0.714645	-1.3993	0.236978	4.76398	4.76398	0.397274	2.98056	2.98056	0.892223	0.842985	-1.18626	0.735956	0.652829	-1.5318	0.790366	1.39892	1.39892	0.935151	0.902548	-1.10797	0.991983	1.01274	1.01274	0.263323	4.34603	4.34603	0.461936	11.6144	22.3492	1
cg06798479	HSP90AA1;HSP90AA1		0.864389	0.76393	1.07913	1.07913	0.357304	0.980158	1.02022	0.939163	1.03472	1.03472	0.848156	1.03472	1.03472	0.848156	1.0312	1.0312	0.775035	0.807887	-1.2378	0.823329	0.964664	-1.03624	0.746029	1.18114	1.18114	0.598676	1.46497	1.46497	0.776205	1.23656	1.23656	0.461916	0.454848	0.80302	1
cg01368799	PAFAH1B2		0.864401	0.508932	0.741467	-1.34868	0.239924	1.7321	1.7321	0.495165	1.36235	1.36235	0.747389	0.865656	-1.15519	0.795576	0.890559	-1.12289	0.637402	0.80907	-1.23608	0.927701	0.960294	-1.04135	0.770364	0.877509	-1.13959	0.447318	1.41306	1.41306	0.461899	1.45795	2.80571	1
cg04062907	ANAPC7;ANAPC7		0.864407	0.878758	1.04585	1.04585	0.281447	1.22537	1.22537	0.638293	1.09032	1.09032	0.912357	1.00132	1.00132	0.993199	1.4362	1.4362	0.47573	0.777153	-1.28635	0.702002	0.832137	-1.20148	0.705725	0.877321	-1.13983	0.524296	1.39277	1.39277	0.461887	0.931247	1.79138	1
cg15162843	MID1IP1;MID1IP1		0.864416	0.325128	0.222966	-4.485	0.485211	0.350804	-2.85059	0.921768	0.864946	-1.15614	0.554894	2.41601	2.41601	0.616477	0.474333	2.10822	0.198833	0.134604	-7.42922	0.701678	0.566389	-1.76557	0.864848	0.777543	-1.2861	0.888895	1.22909	1.22909	0.461875	15.9582	30.7118	1
cg05413465	SFXN2;AIR3;AIR3		0.864421	0.88199	1.02067	1.02067	0.895147	0.981999	-1.01833	0.536241	1.09011	1.09011	0.59478	1.07676	1.07676	0.84681	1.02699	1.02699	0.555562	0.921346	-1.08537	0.28609	0.858462	-1.16487	0.786452	0.963282	-1.03812	0.307886	1.1565	1.1565	0.461869	0.138818	0.267162	1
cg18918426	FAAH		0.864447	0.351064	1.27489	1.27489	0.33587	1.28544	1.28544	0.534119	1.13273	1.13273	0.706359	1.09526	1.09526	0.750253	1.09931	1.09931	0.885065	1.03728	1.03728	0.533066	1.17322	1.17322	0.852894	0.785149	-1.27364	0.537288	1.17124	1.17124	0.461829	0.468321	0.901384	1
cg12447937	NIPA1;NIPA1		0.86446	0.710646	1.124	1.124	0.474631	1.25618	1.25618	0.95001	0.980522	-1.01986	0.704779	1.12682	1.12682	0.400758	1.30969	1.30969	0.721583	1.11878	1.11878	0.428756	1.2884	1.2884	0.563114	0.832456	-1.20126	0.201535	1.52664	1.52664	0.461808	0.795654	1.38519	1
cg06144913	CAU7;CAU7		0.864463	?	?	?	0.448288	0.98881	1.22723	0.362724	0.98885	-2.57246	0.521613	1.9037	1.9037	0.562499	1.81408	1.81408	0.551668	1.58712	1.58712	0.328466	0.650183	1.53846	1.53846	0.512703	1.95016	1.95016	0.220091	0.748631	0.6233	1.32421	0.461883	0.233	1.12445	1
cg12525765	MRPS11;MRPL46;MRPS11		0.864506	0.9597	0.98872	-1.01125	0.425622	0.97942	1.19742	0.408169	1.20605	1.20605	0.976901	1.06643	1.06643	0.854764	0.97139	1.02945	0.538968	0.871316	-1.14769	0.215543	0.749262	-1.33465	0.909878	0.975264	-1.02536	0.827567	0.952785	-1.04955	0.461738	2.358634	0.690404	1
cg00863469	FAM83E		0.864517	0.485394	0.662172	-1.51018	0.530394	1.44712	1.44712	0.62038	1.33389	1.33389	0.952789	1.03503	1.03503	0.558294	0.7087	-1.41092	0.487126	0.663291	-1.50763	0.340437	0.564803	-1.77053	0.544817	0.700205	-1.42815	0.557468	1.41196	1.41196	0.461

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. 057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1121 vs. N)	Fold-Change(1121 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg05625111	ATP6A2	0.865586	0.991447	0.990023	-1.00916	0.411142	0.489231	-2.19402	0.390861	0.473359	-2.11256	0.391822	2.1092	2.1092	0.70632	?	0.724689	-1.3799	0.932309	0.930282	-1.07494	0.699339	1.39115	1.39115	0.660856	1.4468	1.4468	0.39163	2.10987	0.460282	5.27293	10.1874	1
cg25994603	ADK;ADK;ADK	0.86564	0.586166	0.923763	-1.08253	0.491688	1.106	1.106	0.632576	1.07196	1.07196	0.773932	0.959306	-1.04242	0.649418	1.06825	1.06825		0.921978	1.01423	1.01423	0.461008	0.897385	-1.11434	0.289266	0.853265	-1.17197	0.528142	1.09659	1.09659	0.998498	0.151611	0.292669	1
cg15087178	ANK3	0.865562	0.482084	0.629261	-1.58917	0.859504	0.891486	-1.12172	0.215655	2.32765	2.32765	0.819996	1.15924	1.15924	0.656856	0.748355	-1.33626		0.811853	0.856759	-1.16719	0.776618	1.20252	1.20252	0.410076	0.579171	-1.72661	0.687921	1.29924	1.29924	0.459995	3.06212	5.9172	1
cg25138019	C2orf55	0.865651	0.427966	2.14801	2.18401	-2.06159	3.62253	3.62253	0.570821	1.71701	1.71701	0.793702	1.38058	1.38058	0.991101	0.989293	-1.01082		0.767919	0.715152	-1.33861	0.624568	0.621206	-1.60977	0.380938	2.38086	2.38086	0.536245	1.58605	1.58605	0.459981	6.78761	13.1167	1
cg12413242	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.865663	0.744883	0.767107	-1.3036	0.225896	2.69232	2.69232	0.240905	2.60164	2.60164	0.844016	0.857769	-1.16583	0.777402	0.801928	-1.24699		0.934978	0.93843	-1.06561	0.820214	0.83754	-1.19397	0.999149	0.99917	-1.00083	0.712174	0.749311	-1.33456	0.459963	4.4185	8.53887	1
cg13338877	HLA-;INCRNA00171;UGT3A2;UGT3A2;UGT3A2;UGT3A2;UG	0.865684	0.507372	0.758682	-1.31808	0.345026	1.49063	1.49063	0.105955	0.831868	0.831868	0.51684	0.712764	1.16396	1.16396	0.644746	0.826429	-1.21002	0.930156	0.91078	-1.51058	0.862063	0.931081	-1.07402	0.61476	1.23168	1.23168	0.484046	1.33839	0.135931	0.22817	2.37363	1
cg10140794	T3A2	0.865685	0.280479	0.687989	-1.45351	0.960407	0.983587	-1.01669	0.645823	1.1668	1.1668	0.891733	1.04645	1.04645	0.992936	0.997053	-1.00296		0.384243	0.742736	-1.34637	0.296869	0.697291	-1.43412	0.608821	0.84192	-1.18776	0.683907	1.14621	1.14621	0.45993	0.809527	1.56454	1
cg22741735	CXCC5	0.865708	0.624654	1.29231	1.23231	0.555682	0.774638	-1.2906	0.676346	1.19464	1.19464	0.507124	1.32988	1.32988	0.624349	0.596295	-1.67702		0.670676	0.804373	-1.19865	0.780353	0.888319	-1.12572	0.812698	0.904337	-1.10578	0.498959	1.33744	1.33744	0.458994	1.30708	2.52635	1
cg09493833	TRIM72	0.865712	0.408704	0.47814	-2.09056	0.807867	1.12695	1.12695	0.961546	1.03896	1.03896	0.330794	0.448423	-2.23004	0.292132	0.328252	-2.5957		0.302101	0.391385	-1.98741	0.987341	0.98625	-1.01394	0.839104	1.19413	1.19413	0.459888	1.54715	10.7218	1
cg14450339	PNPLA7;PNPLA7	0.865758	0.568913	0.869271	-1.15039	0.615697	1.13106	1.13106	0.71102	0.913176	-1.09508	0.627269	0.887744	-1.12645	0.709563	0.912084	-1.09531		0.188823	0.140322	0.40322	0.497878	1.18229	1.18229	0.873459	1.03955	1.03955	0.887477	1.03505	1.03505	0.459879	0.431277	0.833605	1
cg08680239	BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.865742	0.586248	1.49174	1.49174	0.269132	2.3106	2.3106	0.393728	1.88844	1.88844	0.339927	2.0457	2.0457	0.643142	1.40429	1.40429		0.208516	0.26242	2.62442	0.862288	1.21869	0.596593	1.47511	1.47511	0.580408	1.50129	0.458841	3.85684	7.45541	1
cg19482581	ABHD4	0.865748	0.645302	1.18583	1.11883	0.744019	0.886554	-1.12796	0.539113	0.795599	-1.25691	0.853752	1.07021	1.07021	0.38218	1.39038	1.39038		0.525046	1.15884	1.15884	0.282099	1.29155	1.29155	0.939065	0.982653	-1.01765	0.5435	0.868708	-1.15113	0.459823	0.381521	0.737521	1
cg07317602	TRIB2;TRIB2	0.865831	0.443227	0.811292	-1.2326	0.964667	0.988483	-1.01165	0.143997	0.663334	-1.50754	0.932635	0.978134	-1.02235	0.782897	0.930316	-1.0749		0.426881	0.808846	-1.23633	0.450406	0.817826	-1.22275	0.910329	1.02966	1.02966	0.931863	1.02261	1.02261	0.4597	0.497872	0.9627	1
cg25761326	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.865844	0.357194	1.41928	1.41928	0.973809	0.987934	-1.01221	0.436769	1.34092	1.34092	0.337255	1.44171	1.44171	0.308678	1.47639	1.47639		0.330823	1.44924	1.44924	0.758816	0.892365	-1.12062	0.881351	1.05678	1.05678	0.788657	1.10445	1.10445	0.459685	0.995494	1.92498	1
cg04263607	BANP;BANP	0.865873	0.859383	1.0767	1.0767	0.695578	1.13307	1.13307	0.616987	0.831453	-1.21236	0.891388	0.964658	-1.03629	0.894184	1.00553	1.00553		0.956887	0.977723	-1.02278	0.298092	1.56656	1.56656	0.362026	0.630326	-1.58648	0.437564	0.718924	-1.39097	0.45964	1.26416	2.44474	1
cg25822402	FREM2	0.865876	0.225592	0.788666	-1.26796	0.921563	0.981794	-1.01854	0.680036	1.08044	1.08044	0.389438	0.848288	1.17885	0.932071	0.98101	-1.01842		0.645841	1.09016	1.09016	0.9888	0.997385	-1.00262	0.701114	0.930581	-1.0746	0.331176	0.829404	-1.20569	0.459635	0.253352	0.489958	1
cg10178308	PVRL2;PVRL2	0.865878	?	?	?	0.616549	0.678487	-1.47388	0.1606	0.783412	-1.27647	0.688775	0.660383	1.66083	0.469321	1.74674	1.74674		0.69378	0.709335	-1.41002	0.331324	1.5553	1.5553	?	0.44847	1.70568	1.29069	0.409685	2.13402	5.37018	1
cg25060004	ATG4B;ATG4B	0.865882	0.850531	1.07615	1.07615	0.698443	1.16354	1.16354	0.295289	0.655561	-1.52541	0.754507	1.1298	1.1298	0.436288	0.734191	-1.36204		0.983064	0.991776	-1.00829	0.279402	1.54885	1.54885	0.891787	0.948421	-1.05438	0.723934	1.14794	1.14794	0.459626	1.10186	2.13303	1
cg18444267	XYLT1	0.865891	0.457371	1.71717	1.11717	0.8128	0.965954	-1.03525	0.496953	0.903964	-1.10624	0.855887	1.02697	1.02697	0.699739	0.944845	-1.05837		0.780435	1.04176	1.04176	0.310981	0.860069	-1.1627	0.317908	0.163315	1.16315	0.931882	0.987562	-1.01259	0.459612	0.156007	0.301717	1
cg13962153	MAP7D1	0.865953	0.41922	1.79353	1.79353	0.786056	0.429572	1.73804	1.73804	0.434664	1.75902	1.73902	0.629063	1.39398	1.39398	0.485125	1.62269		0.401057	1.39772	1.39772	0.183571	0.21391	2.6191	0.460919	1.66907	1.66907	0.485691	1.62164	1.62164	0.459594	1.38979	6.5561	1
cg26470599	DNMT3A;DNMT3A;DNMT3A	0.865915	0.996044	1.00185	1.00185	0.418062	1.36084	1.36084	0.457082	1.32575	1.32575	0.731917	1.13659	1.13659	0.819628	1.08876	1.08876		0.294846	0.667305	-1.49856	0.347586	1.43346	1.43346	0.938597	1.0291	1.0291	0.554789	1.24911	1.24911	0.459575	1.00903	1.95163	1
cg27212603	SLC03A1;SLC03A1	0.865923	0.722343	1.10246	1.10246	0.722004	1.08253	1.08253	0.184233	0.844121	0.964625	-1.05638	0.647817	1.13393	1.13393	0.229116	1.41186	1.41186	0.665183	1.12637	1.12637	0.192211	0.45826	2.18218	0.908749	-1.10041	0.836463	1.05811	1.05811	0.459565	0.545826	1.05148	1
cg21809711	FKBP2;FKBP2;FKBP2	0.865923	0.83997	1.22119	1.22119	0.958288	1.72358	1.72358	0.8733	0.761461	-1.31326	0.60374	1.67884	1.67884	?	?	?		0.641452	1.59028	1.59028	0.212737	0.275344	-1.63182	0.651351	1.56825	1.56825	0.728471	1.41138	1.41138	0.436399	1.87236	11.7744	1
cg04316593	ALDH9A1	0.86593	0.931125	1.0238	1.0238	0.309751	0.751263	-1.33109	0.550479	1.17864	1.17864	0.364703	0.776133	-1.28844	0.549244	1.17925	1.17925		0.579193	1.16465	1.16465	0.613001	1.14887	1.14887	0.714813	1.10501	1.10501	0.701836	1.11034	1.11034	0.459553	0.53884	1.04225	1
cg09797315	MIR182	0.865935	0.889953	1.0548	1.0548	0.604539	1.17971	1.17971	0.613201	1.1948	1.1948	0.353286	1.39939	1.39939	0.94927	0.994433	-1.00557		0.41921	0.744322	-1.343	0.562092	0.744146	1.34357	0.152112	1.51212	1.51212	0.109393	1.10229	1.10229	0.079345	0.910393	-1.09843	0.405939	0.915501	1.80181	1
cg00891025	EPB49;EPB49;EPB49;EPB49	0.865952	0.748766	0.868739	-1.15109	0.608094	0.797321	-1.2542	0.587485	1.27107	1.27107	0.22592	1.74518	1.74518	0.669984	1.20651	1.20651		0.613235	0.799953	-1.25007	0.528115	0.613565	1.63059	0.315665	1.31565	1.31565	0.707598	0.847891	-1.1794	0.459519	1.39562	2.69968	1
cg04278151	STAC	0.865979	0.879754	1.08933	1.08933	0.789554	0.883605	1.14173	0.7105	0.844557	1.1572	0.752128	0.874327	1.14347	0.808328	1.2047	1.2047		0.892556	1.07591	1.07591	0.749449	0.879679	-1.11509	0.768204	0.880702	-1.1233	0.494747	1.37094	1.37094	0.75262	1.37094	3.70108	1
cg17274640	PPP2R1B;PPP2R1B	0.865996	0.77688	0.915998	-1.09171	0.340086	0.738133	-1.35477	0.865639	1.05369	1.05369	0.918641	1.03205	1.03205	0.322231	1.37134	1.37134		0.409033	1.29792	1.29792	0.756895	0.909231	-1.09983	0.62967	1.16189	1.16189	0.490792	1.24128	1.24128	0.459451	0.693981	1.34263	1
cg21280165	ZBTB10;ZBTB10;ZBTB10;ZBTB10	0.865998	0.466337	0.856318	-1.16776	0.659186	1.09724	1.09724	0.771217	0.940832	-1.0629	0.291255	1.25749	1.25749	0.467245	1.16718	1.16718		0.720892	1.07794	1.07794	0.35122	1.22229	1.22229	0.549506	1.13507	1.13507	0.619515	1.1104	1.1104	0.459449	0.318509	0.616215	1
cg16494590	BTN2A3	0.866003	0.987453	1.00743	1.00743	0.97055	1.11578	1.11578	0.230915	1.26326	1.26326	0.269655	1.00242	1.00242	0.994334	1.00065	1.00242		0.693788	0.719335	1.39024	0.913324	1.5553	1.5553	?	0.44847	1.70568	1.29069	0.409685	2.13402	5.37018	1
cg25047102	VKORC1;VKORC1	0.866011	0.361269	1.15984	1.15984	0.400847	1.14553	1.14553	0.429706	1.13583	1.13583	0.691552	0.938937	-1.06503	0.880411	0.976494	-1.02407		0.65111	0.930598	-1.07458	0.510731	0.899961	-1.11116	0.533749	0.905218	-1.10471	0.978279	1.00431	1.00431	0.459429	0.181643	0.351438	1
cg20005629	PTPN22;PTPN22;PTPN22;PTPN22	0.866014	0.376355	0.7467	0.7467	0.515468	0.723389	-1.3843	0.527199	0.729173	-1.37142	0.589981	1.30769	1.30769	0.436288	0.745107	-1.01449		0.878872	1.03813	1.03813	0.434482	0.47924	2.08663	0.176352	0.47924	2.08663	0.176352	0.878872	1.03813	1.03813	0.434482	1.13772	1.13772	0.459423	0.76935	3.42941	1
cg03513109	SRPR;FOXRED1	0.866111	0.791398	0.944543	-1.05871	0.932527	0.98194	-1.01839	0.950819	1.01139	1.01139	0.270955	1.27977	1.27977	0.933763	1.01805	1.01805		0.821222	0.952453	-1.04992	0.451132	0.847686	-1.17968	0.930301	0.880599	-1.1241	0.296722	1.2622	1.2622	0.459274	0.336953	0.652146	1
cg20165831	CLIC1	0.866112	0.949964	0.977384	-1.02314	0.22417	1.59276	1.59276	0.431234	1.34022	1.34022	0.945645	1.02517	1.02517	0.571572	0.811883	-1.23171		0.539007	0.797141	-1.25448	0.898244	1.04774	1.04774	0.777321	1.10889	1.10889	0.52085	0.788811	-1.26773	0.459273	0.966536	1.87066	1
cg21862144	SERPINB5	0.866124	0.586234	1.15793	1.15793	0.424125	1.26202	1.26202	0.410496	0.788929	1.25158	0.504576	1.29152	1.29152	0.593268	1.13052	1.13052		0.823175	0.941492	-1.06214	0.43971	1.23915	1.23915	0.762528	0.922383	-1.08415	0.542838	0.848485	-1.17857	0.459458	0.516994	1.00064	1
cg22157769	SPPL2B;SPPL2B	0.866125	0.957031	0.987634	-1.01252	0.948602	1.015	1.015	0.48549	0.849022	-1.17783	0.510004	0.856988	-1.16688	0.957158	0.992956	-1.00709		0.840084	0.954414	-1.04776	0.259482	1.31213	1.31213	0.291156	0.779511	-1.28352	0.708578	0.916947	-1.09058	0.459254	0.387802	0.750769	1
cg10189661	LYGGE;LYGGE;LYGGE;LYGGE0	0.866149	0.320008	0.653322	-1.53033	0.744174	0.41877	-2.14877	0.1025	0.288675	-3.4644	0.1725	0.3286	-3.04443	0.2775	0.332736	-3.01259		0.484073	0.79202	-1.26255	0.552605	0.519422	-1.92483	0.387882	0.266451	-3.75187	0.266451	-3.75187	0.387882	0.519422	-1.92483	0.552605	0.79202	-1.26255	0.484073	0.266451	1
cg17106653	GRIN2D	0.866157	0.224525	0.73913	-1.35294	0.954046	0.986439	-1.01375	0.892615	1.03252	1.03252	0.695724	0.911081	-1.0976	0.342672	0.793242	-1.26065		0.452682	0.834219	-1.19873	0.414986	0.82085	-1.21825	0.326335	0.786552	-1.27137	0.82719	0.949518	-1.05317	0.459204	0.408257	0.79027	1
cg08491376	AHRR;LOC100310782	0.866157	0.623783	1.21103	1.21109	0.380763	1.41665	1.41665	0.650334	1.19338	1.19338	0.605861	1.22342	1.22342	0.348244	1.45373	1.45373		0.315798	0.94953	1.14943	0.523003	1.28504	1.28504	0.292354	0.903203	1.09155	0.622155	1.36058	1.36058	0.459253	0.109155	2.11293	1
cg22754866	CTNNA2;CTNNA2	0.866176	0.91967	0.975775	-1.02511	0.739354	0.9729	-1.0459	0.486881	0.856598	1.16729	0.57231	0.826453	1.20952	0.708153	1.41078	1.41078		0.878439	1.13875	1.13875	0.276808	1.41078	1.41078	0.384862	1.05079	1.05079	0.713078	0.893712	-1.11893	0.459172	0.673181	1.30318	1
cg25011252	CHD7	0.866186	0.629267	0.697066	-1.43459	0.908386	0.520899	-1.91976	0.948669	0.95336	-1.04892	0.878683	1.11998	1.11998	0.446304	0.562442	-1.77796		0.298166	0.449306	-2.22565	0.448307	0.563679	-1.77406	0.227482	0.390672	-2.55969	0.963079	0.966242	-1.03494	0.459159	0.40023	0.74796	1
cg09797315	MIR182	0.866189	0.641463	0.862129	-1.16008	0.604539	1.17971	1.17971	0.613201	1.1948	1.1948	0.353286	1.0187	1.0187	0.721335	1.11996	1.11996		0.41921	0.744322	-1.343	0.562092	0.744146	1.34357	0.152112	1.51212	1.51212	0.109393	1.10229	1.10229	0.079345	0.910393	-1.09843	0.405939	0.915501	1.80181	1
cg23754772	CIDEA;CIDEA	0.866202	0.981176	0.985202	-1.01502	0.612311	1.38116	1.38116	0.690267	0.776388	-1.28202	0.290597	0.500065	-1.99974	0.430831	0.601654	-1.66209		0.571649	0.696857	-1.43501	0.371724	0.560166	-1.78518	0.575523	1.4297	1.4297	0.788148	1.18553	1.18553	0.459134	2.9034	5.62102	1
cg04278151	OSBPL3;OSBPL3;OSBPL3;OSBPL3	0.866204	0.53183	1.51145	1.51145	0.979434	0.962668	1.83512	0.1406	0.777796	1.82173	0.187304	1.38245	1.38245	0.352568	1.91933	1.91933		0.192556	0.771954	1.79349	0.178204	0.614445	1.61975	0.61909	1.36083	1.36083	0.823192	0.863995	-1.15741	0.459135	0.13901	0.54929	1
cg26096107	AKD1;FLG;AKD1;AKD1;AKD1	0.866207	0.602355	1.15225	1.15225	0.270784	0.810286	-1.23413	0.794378	1.04009	-1.04009	0.626888	1.09404	1.09404	0.350349	0.838308	1.19288		0.532056	0.890362	-1.12314	0.885594	0.979931	-1.02077	0.944946	0.987409	-1.01275	0.57928	1.10822	1.10822	0.459126	0.244783	0.473912	1
cg00522555	KEAP1;KEAP1	0.866268	0.979095	0.992218	-1.00784	0.166864	0.55179	-1.55179	0.375531	1.33149	1.33149	0.77831	0.919294	-1.08779	0.634303	1.15359	1.15359		0.83214	1.06533	1.06533	0.511231	1.12977	1.12977	0.943904	1.0212	1.0212	0.397551	1.29469	1.29469	0.459034	0.646269	1.25146	1
cg14693883	DTX3	0.866272	0.813256	0.940966	-1.06331	0.431994	1.88086	1.88086	0.23852	0.521994	1.91739	0.260786	0.585779	1.70707	0.412895	0.577203	1.73266		0.786779	1.06434	1.06434	0.621624	1.12178	1.12178	0.889883	0.968502	-1.03252	0.908626	0.973827	-1.02684	0.459026	0.903913	1.72122	1
cg18722978	THSD4	0.866273	0.487964	1.56841	1.56841	0.24161	2.30361	2.30361	0.26241	2.10936	2.10936	0.539122	1.4876	1.4876	0.622342	1.37314	1.37314		0.366456	1.80876	1.80876	0.400215	1.73332	1.73332	0.65817	1.32898	1.32898	0.691082	1.29063	1.29063	0.459025	2.96604	5.74365	1
cg29144972	ZFAN1D	0.866274	0.254688	0.811264	-1.23264	0.851588	0.91955	1.01955	0.625717	1.09047	1.09047	0.410425	0.868351	-1.15161	0.914239	1.01871	1.01871		0.883797	0.974561	-1.0261	0.499121	0.884173	-1.131	0.645041	0.8748	-1.14299	0.562266	1.10875	1.10875	0.459024	0.225684	0.497031	1
cg08922983	PRR3;GNL1;PRR3;GNL1	0.866275	0.781892	0.930697	-1.0753	0.873898	1.08036	1.08036	0.363776	1.38324	1.38324	0.475975	1.2216	1.2216	0.585614	1.08569	1.08569		0.901517	1.03508	1.03508	0.583809	1.168	1.168	0.186098	1.4776	1.4776	0.669397	1.12707	1.12707	0.459017	0.730871	1.63782	1
cg11958449	LOC388780;CEP170;CEP170;SOCCAG8;CEP170	0.866288	0.716468	0.928586	-1.07691	0.302909	1.24207	1.24207	0.20888	0.764071	-1.30878	0.749461	0.936987	-1.06725	0.549111	0.88414	-1.13104		0.708843	0.92612	-1.07977	0.93141	0.982665	-1.01764	0.955645	1.01136	1.01136	0.878344	1.0316	1.0316	0.459002	0.29998	0.580931	1
cg24445626	70;CEP170;CEP170	0.866308	0.292202	0.730335	-1.36924	0.872293	1.04708	1.04708	0.83657	1.06085	1.06085	0.855338	1.05358	1.05358	0.418576	0.788894	-1.2676		0.794471	1.07753	1.07753	0.792199	0.927257	-1.07845	0.426547	1.26224	1.26224	0.454926	1.24389	1.24389	0.453615	0.575024	0.98595	1
cg23227285	RPA3	0.866308	0.198451	0.694795	-1.44006	0.485086	0.820662	1.21853	0.233328	0.8952	1.11697	0.855046	0.950261	1.05234	0.694481	0.897432	-1.11429		0.339621	1.27539	1.27539	0.733117	0.908929	-1.1002	0.334764	0.994155	-1.00588	0.459119	0.810343	-1.23405	0.458971	0.565789	1.09576	1
cg07552707	CTSA;CTSA;NEURL2;CTSA	0.866315	0.305773	0.769907	-1.29986	0.433897	0.821269	-1.21763	0.56337	0.865837	-1.15495	0.198711	0.715402	-1.39781	0.476562	0.836536	-1.19541		0.384006	0.802429	-1.24622	0.557546	0.86393	-1.1575	0.993896	0.998115	-1.00189	0.763442	0.928272	-1.07727	0.458961	0.442	0.85604	1
cg21279806	THBS2	0.866321	0.547298	1.5887	1.53887	0.396144	1.84972	1.84972	0.842577	0.873206	-1.1452	0.822526	0.852991	-1.17235	0.497205	1.62882	1.62882		0.348769	1.9793	1.9793	0.236839	2.304321	0.733133	1.27409	2.17409	0.751992	0.799003	-1.25156	0.458951	3.64139	7.05259	1
cg23673107	ZNF491	0.866323	0.893612	1.04115	1.04115	0.78923	0.977454	1.04999	0.893326	1.07473	1.07473	0.857011	1.08214	1.08214	0.888607	0.927457	-1.0722		0.186161	0.144249	0.38656	0.472385	0.73385	1.36248	0.436177	0.776302	1.28866	0.741583	0.709723	1.17782	0.459042	1.39262	2.69722	1
cg11068784	ZFYVE28	0.866326	0.419488	4.80636	4.80636	0.226156	10.964	10.964	0.337514	6.44308	6.44308	0.53391	3.27735	3.27735	0.672569	2.22763	2.22763		0.479107	3.87937	3.87937	0.306189	7.36065	7.36065	0.435164	4.48264	4.48264	0.611389	2.61298	2.61298	0.458944	25.8046	49.9786	1
cg16534762	RLF	0.866375	?	?	?	0.875131	1.87518	1.87518	0.213178	0.78015	-1.2818	0.52199	0.560159	1.78502	0.802591	2.22722	2.22722		0.670655	1.75633	1.75633	0.176015	0.883985	1.13124	0.884172	0.883985	1.13124	0.884172	0.670655	1.75633	1.75633	0.176015	0.753123	2.32782	0.458957	0.21391	0.41261	1
cg09660584	SNX1;SNX1;SNX1	0.866381	0.691944	0.883472	-1.1319	0.807614	1.07885	1.07885	0.806265	1.07944	1.07944	0.408094	0.768553	-1.30115	0.737339	1.1104	1.1104		0.344147	1.73848	-1.35413	0.778892	0.916194	-1.09147	0.314959	0.723779	-1.38164	0.486868	1.2458	1.2458	0.458859	0.703385	1.36258	1
cg19414302	ACAP3	0.866437	0.509721	0.66285	-1.50864	0.872448	0.905928	-1.10384	0.974131	1.02014	1.02014	0.993993	0.99538	-1.00464	0.664933	0.764951	-1.30727		0.488305	0.648623	-1.54173	0.571911	0.703834	-1.42079	0.429406	0.608964	-1.64213	0.229448	2.17147	2.17147	0.458774	2.7471	5.3226	1
cg21862665	MBNL2;MBNL2	0.866441	0.859383	1.0767	1.0767	0.695578	1.13307	1.13307	0.616987	0.831453	1.21236	0.891388	0.964658	1.03629	0.894184	1.00553	1.00553		0.95401	1.04005	1.04005	0.915176	1.07524	1.07524	0.512882	1.5712	1.5712	0.888174	1.00865	1.00865	1.00865	0.458768	0.70683	2.52614	1
cg13155114	ADI1	0.866444	0.975137	1.00824	1.00824	0.302439	0.754703	-1.32503	0.870432	0.957906	-1.04394	0.861324	1.04714	1.04714	0.768709	1.08078	1.08078		0.779745	0.928004	-1.07665	0.449767	0.816436	1.22495	0.72968	0.743731	-1.34457	0.301049	0.754047	-1.32618	0.458763	0.504281	0.977084	1
cg05189291	THG1L	0.866445	0.525139	1.2483	1.2483	0

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1047 vs. 047 vs. N)	Fold-Change(1047 vs. 047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 23T vs. N)	p-value(347T vs. N)	p-value(347T vs. 47T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. 53T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 37T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(563T vs. N)	p-value(563T vs. 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg05405984	DHRT2;EHMT2		0.867447		0.520083	0.804814	-1.24252	0.849556	0.9186	-1.06542	0.46277	1.28328	1.28328	0.294272	0.695593	-1.43762	0.75279	0.899932	-1.11119		0.680402	1.14822	1.14822	0.79208	1.09177	1.09177	0.83877	1.07035	1.07035	0.356005	1.37274	1.37274	0.457183	0.806248	1.56757	
cg13956907	OCA2		0.867482		0.451412	1.24459	1.24459	0.718648	1.10868	1.10868	0.963634	0.987082	-1.01309	0.222917	1.44085	1.44085	0.322621	1.33825	1.33825		0.616605	1.15483	1.15483	0.333684	1.32891	1.32891	0.827013	1.0644	1.0644	0.785737	0.925234	-1.08081	0.457164	0.588835	1.1449	1
cg07643314	DAZL		0.867485		0.360014	1.32014	1.32014	0.172764	1.53453	1.53453	0.549529	1.19568	1.19568	0.996978	0.996883	-1.00112	0.99528	1.00175	1.00175		0.764655	0.915203	-1.09265	0.464175	1.24593	1.24593	0.849258	0.945391	-1.05776	0.94738	0.980709	-1.01967	0.457116	0.630663	1.22624	1
cg23354716	DIO3		0.867491		0.597344	1.46314	1.46314	0.943754	0.950838	-1.05172	0.906095	1.0879	1.0879	1.302793	1.30052	1.466694	-2.14273	1.35911	1.5100091	-1.96052		1.30321	1.494966	-2.02034	0.991002	1.10808	1.10808	0.550946	1.53995	1.53995	0.943539	0.950689	-1.05187	0.457344	1.69043	0.717581	1
cg16339535	GAUNT10		0.867501		0.531653	0.802966	-1.24538	0.664701	0.859811	-1.16305	0.514637	1.25718	1.25718	0.403442	0.743603	1.39747	1.39747	0.978378	1.05416	1.05416		0.462866	1.29541	1.29541	0.348101	1.39747	1.39747	0.976178	0.904134	-1.10603	0.733662	0.887196	-1.12715	0.457135	0.868535	1.68885	1
cg25794368	TTTY20		0.867516		0.248756	1.12875	1.12875	0.952867	0.922977	-1.08345	0.888863	1.20669	1.20669	0.666117	0.555081	-1.80154	?	?	?		0.420199	3.05481	3.05481	0.355784	1.62553	1.62553	0.620391	1.968	1.968	0.92	0.872065	-1.14993	0.438652	11.3546	25.8852	1
cg23202409	C11orf83;C11orf48		0.867528		0.472188	0.829219	-1.20595	0.76428	1.08006	1.08006	0.319896	1.30112	1.30112	0.779543	1.07451	1.07451	0.454653	0.822805	-1.21535		0.965759	1.01105	1.01105	0.322709	0.760821	-1.299	0.87569	1.04091	1.04091	0.780481	1.07417	1.07417	0.457093	0.474782	0.923288	1
cg01562217	CD34;CD34		0.867533		0.779302	1.88231	1.88231	0.371505	1.24242	1.24242	0.524342	1.1666	1.1666	0.948522	0.984843	-1.01519	0.56871	1.14599	1.14599		0.402866	0.816668	-1.22464	0.976951	0.919937	-1.09417	0.746246	1.07983	1.07983	0.300767	1.28871	1.28871	0.457086	0.405093	0.787799	1
cg06994284	NTN4		0.867539		0.605637	0.838473	-1.19256	0.709808	0.881232	-1.13478	0.491438	1.0984482	1.26665	0.319984	0.761441	-1.31363	0.69148

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(105 vs. N)	Fold-Change(1-vs-105 vs. N)	p-value(111 vs. N)	Fold-Change(1-vs-111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(347 vs. N)	Fold-Change(1-vs-347 vs. N)	p-value(353 vs. N)	Fold-Change(1-vs-353 vs. N)	p-value(537 vs. N)	Fold-Change(1-vs-537 vs. N)	p-value(537 vs. N)	Fold-Change(1-vs-537 vs. N)	p-value(5 vs. N)	Fold-Change(1-vs-5637 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	F(Error
cg07747343	TRIM35;PTK2B;PTK2B;PTK2B	0.869021	0.183701	1.25619	0.725635	1.6445607	0.9276119	-1.07803	0.792612	1.04353	0.751645	0.9409953	-1.02508	0.923923	-1.01557	1.01557	0.903859	0.980649	-1.01973	0.816169	1.03838	1.03838	0.947015	0.9160672	-1.09809	0.388213	1.15374	1.15374	0.454787	0.188358	1.36815	1
cg05013783	ANKRD52;ANKRD52	0.869024	0.626425	0.864057	-1.15733	0.7859337	1.08447	1.08447	0.833407	1.06474	1.06474	0.741423	0.760841	-1.03674	1.03674	0.964568	1.24822	1.24822	0.251056	1.42934	1.42934	0.812	0.927603	-1.07805	0.65302	0.873893	-1.1443	0.547783	0.639057	1.24906	1
cg22260958	OAS3	0.869026	0.816478	0.857256	-1.16651	0.5717335	0.6848818	-1.46024	0.410267	0.572416	-1.74698	0.761535	0.817382	-1.22342	0.657826	1.34356	1.34356	0.550468	0.670173	-1.49215	0.305582	0.495177	-2.01948	0.381761	1.81181	1.81181	0.662332	0.747423	-1.33793	0.45478	3.16155	6.17939	1
cg12488111	CRIP2	0.869032	0.344037	0.65644	-1.52337	0.5708021	1.28061	1.28061	0.695571	1.1851	1.1851	0.743108	0.876	-1.15564	0.308786	0.634551	-1.57601	0.940717	1.02928	1.02928	0.69749	1.18375	1.18375	0.912083	1.04886	1.04886	0.381613	0.678736	-1.47333	0.454771	1.34324	2.62549	1
cg16511392	INADL	0.869042	0.723083	1.04668	1.04668	0.768417	1.03859	1.03859	0.270763	0.863264	-1.15839	0.718497	1.04752	1.04752	0.355176	0.885171	-1.12973	0.85915	0.97478	-1.02304	0.485004	1.09527	1.09527	0.661	1.05822	1.05822	0.67089	0.946661	-1.05634	0.457755	0.118448	0.231525	1
cg24861580	INTS7;DTL	0.869045	0.565151	0.869809	-1.14968	0.7646441	0.9305509	-1.07468	0.644053	1.11807	1.11807	0.981291	0.994391	-1.00564	0.782161	1.06875	1.06875	0.427453	0.823369	-1.21452	0.469602	1.193	1.193	0.612675	1.13027	1.13027	0.257309	1.32787	1.32787	0.45475	0.414414	0.810046	1
cg01206910	NARF;NARF;NARF;NARF	0.869058	0.948536	1.01979	1.01979	0.897192	1.04003	1.04003	0.715706	1.11744	1.11744	0.495809	0.810621	-1.23362	0.969015	0.988277	-1.01186	0.432209	0.784	-1.27551	0.681946	0.882411	-1.13326	0.760465	1.09728	1.09728	0.190152	1.52385	1.52385	0.45473	0.663781	1.29753	1
cg04004798	APBA1	0.869059	0.696242	1.15465	1.15465	0.919378	0.9810778	-1.01221	0.872737	0.547842	-1.82533	0.835683	1.07091	1.07091	0.907789	0.955303	-1.04679	0.822723	0.921044	-1.08531	0.835672	1.1788	1.1788	0.926616	0.781163	-1.28014	0.842201	0.929547	-1.07539	0.457219	0.967518	1.89127	1
cg25447245	NUP50;NUP50	0.869061	0.724713	0.937501	-1.06602	0.753817	0.944195	-1.0591	0.37145	1.18235	1.18235	0.543661	0.891837	-1.11873	-1.46196	1.14494	1.14494	0.838652	0.10791	1.03791	0.58706	0.900754	1.17331	1.17331	0.485466	1.13811	1.13811	0.45725	0.23993	0.469012	1
cg12400790	IQCF;IQCF	0.869075	0.693361	0.90575	-1.10406	0.66328	1.11564	1.11564	0.282515	1.32174	1.32174	0.476261	1.19833	1.19833	0.915521	0.973843	-1.02686	0.929774	0.978222	-1.02226	0.601499	1.14068	1.14068	0.418222	0.813319	-1.22953	0.537049	0.855444	-1.16898	0.454704	0.449353	0.878428	1
cg13749266	GLIS3;GLIS3	0.869080	0.933315	1.03475	1.03475	0.945229	1.1955752	1.19557	-1.04732	0.795155	1.16916	1.16916	0.263222	0.866365	1.25635	1.25635	0.933315	1.03475	1.03475	0.945229	1.07083	1.07083	0.923011	0.961309	1.04025	0.454686	1.19997	2.34587	1
cg13909412	RABGAP1	0.869098	0.89012	0.897403	-1.11433	0.9287111	0.1725	1.07259	0.206273	0.35204	-2.84059	0.49448	0.580823	-1.7217	0.67515	0.7160	-1.39663	0.385632	2.00677	2.00677	0.792167	-1.26235	0.850867	0.862951	-1.15881	0.63856	1.44846	1.44846	0.454668	0.41622	0.863383	1
cg03310105	C7orf41	0.869104	0.748314	0.827442	-1.20854	0.4965442	1.50103	1.50103	0.36853	1.72191	1.72191	0.940033	0.956697	-1.04526	0.312393	0.540719	-1.84939	0.771812	0.842743	-1.1866	0.434936	1.59795	1.59795	0.697238	0.794505	-1.25865	0.786216	1.17355	1.17355	0.454659	0.24924	0.487367	1
cg23399165	TSNAR1	0.869112	0.668936	1.13517	1.13517	0.974279	0.9904542	-1.00955	0.506979	0.820021	-1.21948	0.88362	1.0441	1.0441	0.46311	0.80241	-1.24625	0.410145	0.780419	-1.28136	0.308036	1.36476	1.36476	0.687389	1.12663	1.12663	0.592532	0.852807	-1.1726	0.454646	0.625525	1.22268	1
cg01592801	KCNS2	0.869128	0.939924	0.972933	-1.02782	0.484445	1.2952	1.2952	0.51861	1.269	1.269	0.68887	0.863705	-1.1578	0.394821	0.728129	-1.37338	0.924965	0.03489	1.03489	0.411722	0.790739	-1.35739	0.397793	1.38819	1.38819	0.769912	1.11268	1.11268	0.454622	0.954284	1.86584	1
cg18099183	RTN4R1	0.869133	0.674581	1.7681	1.7681	0.944923	2.15069	2.15069	0.307242	2.29636	2.29636	0.440132	1.8585	1.8585	0.447921	1.83833	1.83833	0.428905	1.8884	1.8884	0.709842	0.745115	-1.34207	0.445865	1.84361	1.84361	0.574784	1.5624	1.5624	0.45618	4.66204	8.72456	1
cg10702669	TBC1D24	0.869132	0.851162	0.911038	-1.09765	0.2915345	1.72091	1.72091	0.490771	1.41506	1.41506	0.919708	1.05128	1.05128	0.625076	0.783266	-1.27671	0.72282	1.91321	1.91321	0.223158	1.88681	1.88681	0.905298	0.942675	-1.06081	0.819308	0.892711	-1.12018	0.454616	1.77143	3.46359	1
cg06832255	PSMB9;TAP1;PSMB9;TAP1	0.869139	0.938592	0.970215	-1.0307	0.596717	1.23314	1.23314	0.55537	1.26376	1.26376	0.429685	1.37253	1.37253	0.70073	1.13226	1.13226	0.791582	1.10953	1.10953	0.166728	1.78351	1.78351	0.718861	1.15243	1.15243	0.269145	1.57088	1.57088	0.454605	1.10888	2.16819	1
cg18341059	AHNAK;AHNAK	0.869146	0.435656	0.734429	-1.3617	0.5149674	1.82131	1.82131	0.741234	0.879319	-1.13724	0.845971	0.954353	1.04798	0.753	0.884	-1.13133	0.94535	1.02696	1.02696	0.608097	1.22229	1.22229	0.821887	1.05145	1.05145	0.719057	1.15049	1.15049	0.454595	1.0884	2.12038	1
cg21480660	MAN2A1	0.869155	0.797474	0.955745	-1.0463	0.437327	1.14966	1.14966	0.340296	1.18884	1.18884	0.935996	1.01424	1.01424	0.211504	1.26073	1.26073	0.917734	1.01835	1.01835	0.579652	1.10349	1.10349	0.434128	1.15082	1.15082	0.463423	1.14039	1.14039	0.45458	0.223062	0.436177	1
cg13646859	C7orf36	0.869159	0.916779	1.09957	1.09957	0.919007	1.02102	-1.42798	0.448483	1.8948	1.8948	0.799747	0.775226	1.26953	0.193794	1.64541	1.64541	0.598186	1.62089	1.62089	0.53636	0.566303	-1.76585	0.637934	0.900205	-1.53798	0.948138	1.06085	1.06085	0.454562	0.93757	1.61408	1
cg01554951	SLC25A22	0.869172	0.909875	0.948894	-1.05386	0.29145	1.6605	1.6605	0.144917	2.06529	2.06529	0.648791	1.23667	1.23667	0.603633	1.27462	1.27462	0.823922	1.08176	1.08176	0.532975	1.33983	1.33983	0.850012	1.09166	1.09166	0.983042	1.00989	1.00989	0.454555	1.54503	3.02133	1
cg04505953	SHROOM3	0.869173	0.493428	1.12427	1.52804	0.6758669	0.7821887	1.28443	0.0426	1.65343	2.03343	0.00734	1.39661	1.39661	0.394215	1.72363	1.72363	1.23647	2.0477	2.0477	0.184451	1.83107	1.83107	0.565327	1.30479	1.30479	0.193033	1.07264	1.07264	0.454552	2.51703	5.32833	1
cg01091439	ADA;ADA	0.8692	0.80777	1.24811	1.24812	0.580767	0.60219	-1.66061	0.608017	0.624762	-1.60061	0.618895	0.634688	-1.57558	0.372478	0.434954	2.29909	0.353379	0.419694	2.38269	?	?	?	0.237668	0.324741	-3.07937	0.870147	0.86178	-1.16039	0.436032	0.5748	11.6386	1
cg09814912	SNORA2A;C12orf41	0.869215	0.397773	1.07143	1.07143	0.500756	0.946096	-1.05597	0.216013	0.901444	-1.10933	0.866447	0.986677	-1.0135	0.706823	1.03057	1.03057	0.675527	1.03412	1.03412	0.915456	0.991574	-1.0085	0.73756	0.973557	-1.02716	0.675739	0.967226	-1.03388	0.454488	0.045704	0.0893986	1
cg24802550	RPRD1B;KIAA0406	0.869222	0.79155	1.17228	1.17228	0.747182	1.08428	1.08428	0.760988	1.16887	1.16887	0.824693	1.08008	1.08008	0.841138	1.1638	1.1638	0.882383	0.994322	-1.00574	0.860068	0.428905	1.8884	1.8884	0.742995	1.13345	1.13345	0.454477	0.229988	0.477284	1
cg02563389	MED31	0.869247	0.743053	1.18167	1.18167	0.823512	0.893887	-1.11871	0.672079	0.805686	-1.24118	0.867273	1.56786	1.56786	0.376216	0.630764	-1.58538	0.61712	0.774315	-1.29146	0.655146	0.796028	-1.25624	0.598366	0.763576	-1.30963	0.378054	1.58243	1.58243	0.45437	1.8534	3.62529	1
cg07421415	NUP107	0.869282	0.84568	1.04508	1.04508	0.943403	1.062419	-1.34779	0.592467	1.12967	1.12967	0.904422	0.97912	1.02092	0.603186	1.12599	1.12599	0.650049	1.10873	1.10873	0.401574	0.828445	-1.20708	0.673157	0.858609	-1.16418	0.842483	0.968443	0.720715	0.454483	0.568414	0.720715	1
cg01515955	CCDC5;CCDC5	0.869298	0.874856	1.0741	1.0741	0.972457	1.01578	1.01578	0.73673	1.16537	1.16537	0.486854	0.725838	-1.37272	0.879375	0.939439	-1.07131	0.828485	1.006657	1.006657	0.643838	0.493729	1.37058	1.37058	0.405462	1.22638	1.22638	0.351147	1.54532	1.54532	0.454359	1.48035	2.8961	1
cg12411961	TADA2	0.869318	0.968838	1.00676	1.00676	0.609153	1.02927	1.02927	0.734657	1.06044	1.06044	0.965499	0.992567	-1.00749	0.669448	1.07689	1.07689	0.768817	1.05215	1.05215	0.18809	0.786169	-1.27199	0.642564	0.922545	-1.08396	0.428822	1.14949	1.14949	0.45434	0.2140951	0.418856	1
cg22322663	PBRJ;GNL1;PRRI3;GNL1	0.869331	0.813062	1.10445	1.10445	0.9007	1.02322	1.16202	0.277164	1.12134	1.12134	0.488542	1.11651	1.11651	0.168903	1.06736	1.06736	0.376137	1.1796	1.1796	0.473231	1.14186	1.14186	0.583994	1.00744	-1.1058	0.456443	1.14789	1.14789	0.45414	0.237078	0.465091	1
cg16745930	PSEC2;HPSE2;HPSE2	0.869324	0.857726	1.1268	1.12698	0.583448	1.52653	1.52653	0.879653	0.890715	-1.12269	0.917725	1.08207	1.08207	0.432711	1.84332	1.84332	0.316838	2.03432	2.03432	0.594141	1.50803	1.50803	0.93736	2.83178	2.83178	0.387242	1.96788	1.96788	0.454319	4.19815	8.21381	1
cg09699159	PRDM11	0.869337	0.232475	1.64934	1.64934	0.972727	0.7870568	1.97267	-1.1399	0.903675	1.0563	1.03343	0.834	1.03734	1.3661	1.39415	1.39415	0.697507	2.1221	2.1221	0.445599	1.64718	1.64718	0.56167	1.08308	-1.37152	0.842428	0.973847	1.03933	1.03933	0.454552	2.51703	5.32833	1
cg14209870	TAS2R5	0.869356	0.326881	0.674762	-1.482	0.671081	1.1806	1.1806	0.770714	0.89263	-1.12029	0.785008	0.899172	-1.11213	0.861908	0.934569	1.07001	0.605892	0.816861	-1.2242	0.218704	1.65336	1.65336	0.77923	1.11542	1.11542	0.824505	0.917299	-1.09016	0.456248	0.10685	2.12669	1
cg24216555	RKHD1	0.869359	0.802491	0.810115	-1.23455	0.632887	0.667253	-1.49868	0.902595	0.960187	-1.10842	0.508404	0.625712	-1.59818	0.090609	0.208572	-4.79541	0.971464	1.03053	1.03053	0.68038	0.706925	-1.41658	0.921263	0.920241	-1.08667	0.762853	0.775367	-1.28971	0.454265	0.58519	0.9505	1
cg02440796	ZNF280B;ZNF280B	0.869373	0.505507	1.09139	1.09139	0.737202	0.972767	1.1399	0.903675	1.0563	1.03343	0.834	1.03734	1.3661	1.39415	1.39415	0.697507	2.1221	2.1221	0.445599	1.64718	1.64718	0.56167	1.08308	-1.37152	0.842428	0.973847	1.03933	1.03933	0.454552	2.51703	5.32833	1
cg20283716	ASPSCR1	0.869376	0.999271	0.999346	-1.00065	0.380699	0.90383	0.90383	0.225064	2.49034	2.49034	0.365223	0.513657	-1.94682	0.721359	1.29231	1.29231	0.845829	1.14958	1.14958	0.782171	1.21954	1.21954	0.582657	1.48795	1.48795	0.783572	1.21793	1.21793	0.454238	1.68883	7.2186	1
cg05135015	RPS27	0.869401	0.281752	0.788964	0.788964	0.8576	0.82129	-1.1858	0.387696	0.134625	1.3465	0.855289	1.06607	1.06607	0.776017	0.894584	-1.11783	0.338804	1.3465	1.3465	0.776017	0.894584	-1.11783	0.376563	1.42353	1.42353	0.67167	0.92334	-1.08302	0.454184	0.848524	0.656865	1
cg08133824	MCM7;MCM7;4PM1	0.869422	0.548468	1.28174	1.28174	0.642128	2.10185	2.10185	0.792223	1.11397	1.11397	0.926581	0.963203	-1.0384	0.870642	0.968707	1.03252	0.683849	1.84715	1.84715	1.18243	0.712061	0.551976	-1.81817	0.525159	1.30112	1.30112	0.93289	0.966156	-1.03503	0.454167	2.02029	2.35272	1
cg23196644	SNCA;SNCA;SNCA;SNCA	0.869424	0.680471	1.07074	1.07074	0.544815	0.90379	-1.10645	0.742184	0.946791	-1.056	0.747514	1.05476	1.05476	0.74455	0.947474	-1.05544	0.804534	1.04178	1.04178	0.201865	0.800569	-1.24911	0.303041	0.838545	-1.19254	0.842871	0.967773	-1.0333	0.454164	0.195959	0.38353	1
cg24194223	PAK6;PAK6;PAK6	0.869427	0.727949	0.899911	-1.11144	0.704841	0.854916	0.961838	-1.03968	0.267794	1.34625	0.852885	1.06607	1.06607	0.776017	0.894584	-1.11783	0.338804	1.3465	1.3465	0.776017	0.894584	-1.11783	0.376563	1.42353	1.42353	0.67167	0.92334	-1.08302	0.454154	0.848524	0.656865	1
cg00473736	RCBTB1	0.86943	0.986798	0.989095	-1.01103	0.838171	0.873257	-1.14514	0.693179	1.30056	1.30056	0.180421	2.56671	2.56671	0.175121	1.19234	1.19234	0.369933	0.8481	1.84081	0.67731	0.757812	-1.31959	0.577387	0.689978	-1.45142	0.831781	1.16726	1.16726	0.454154	0.15906	0.61834	1
cg14630357	GAUT11	0.869474	0.85233	1.08293	1.08293	0.731637	0.784253	-1.2751	0.240405	0.664753	-1.50478	0.710887	0.746477	-1.33962	0.452812	0.992372	-1.00782	0.690633	1.06312	1.06312	0.214333	0.818704	-1.22144	0.344237	0.861507	-1.16076	0.772618	0.956637	-1.04533	0.454057	0.168361	0.329593	1
cg23402311	IMPA1;IMPA1;IMPA1	0.869493	0.559075	1.09461	1.09461	0.764209	0.955014	-1.0471	0.661879	0.934884	-1.06965	0.982739	0.996695	-1.00332	0.713743	1.05799	1.05799	0.459382	1.2923	1.2923	0.730914	0.886216	-1.12849	0.379363	0.771652	-1.29616	0.771652	0.814412	1.22812	0.454153	0.568442	0.720715	1
cg20435533	OPTN;OPTN;OPTN;OPTN	0.869526	0.604903	1.1363	1.11663	0.856314	0.962137	-1.03479	0.824455	1.04599	-1.0506	0.916822	1.08236	1.08236	0.761906	1.14573	1.14573	0.519843	1.19461	1.19461	0.621407	0.880707	1.13687	1.13687	0.981052	1.02568	1.02568	0.924037	0.965025	0.881035	0.454153	0.568442	0.720715	1
cg06695337	SHSA3;SHSA3	0.869537	0.637516	0.82581	-1.21093	0.75603	0.881894	1.31392	0.553639	0.788783	-1.27083	0.623	0.882669	-1.46464	0.612628	0.813912	-1.22863	0.974653	0.987269	-1.01289	0.292722	0.640191	-1.55302	0.680601	1.18165	1.18165	0.543295	1.28234	1.28234	0.45388	1.2693	2.28943	1
cg06381123	RGS10	0.869538	0.705392	1.15537	1.15537	0.666586	1.17917	1.17917	0.836182	1.08191	1.08191	0.362959	1.42692	1.42692	0.835829	1.0821	1.0821	0.552628	1.25662	1.25662	0.226206	1.62124	1.62124	0.821263	1.08985	1.08985	0.19252	1.68954	1.68954	0.453987	1.03955	2.0354	1
cg23728283	FAM20C	0.869545	0.813062	1.10445	1.10445	0.9007	1.02322	1.16202	0.277164	1.12134	1.12134	0.488542	1.11651	1.11651	0.168903	1.06736	1.06736	0.376137	1.1796	1.1796	0.473231	1.14186	1.14186	0.583994	1.00744	-1.1058	0.456443	1.14789	1.14789	0.45414	0.237078	0.465091	1
cg15076218	KIR3CB;PIK3R3	0.869569	0.102184	0.53356	-1.87424	0.978236	0.990466	-1.00963	0.611537	1.19707	1.19707	0.888911	0.952102	-1.05031	0.987379	1.00557	1.00557	0.927	0.968574	-1.03245	0.971526	1.01261	1.01261	0.826918	0.925977	-1.07994	0.842109	1.07255	1.07255	0.45394	0.886728	1.73636	1
cg24132942	RABL3	0.869584	0.619128	1.13078	1.13077	0.578453	1.21998	1.21998	0.888806	1.05044	1.05044	0.475586	1.29381	1.29381	0.42635	1.32071	1.32071	0.21815	1.57688	1.57688	0.266379	1.50009	1.50009	0.97412	1.3782	1.3782	0.849234	1.06923	1.06923	0.453915	0.909555	1.74929	1
cg26859662	I-Sep	0.869585	0.813382	0.827773	-1.20764	0.644599	0.94889	1.14989	0.691798	0.956513	-1.5232	0.623567	0.846496	-1.18146	0.626559	1.47967	1.47967	0.240549	0.67606	1.67606	0.983701	0.81646	-1.22511	0.348366	0.462233	-2.16341	0.807755	1.21513	1.21513	0.453914	4.59274	8.99385	1
cg01070893	ZNF630	0.869591	0.409445	0.503388	-1.98654	0.588372	1.55983	1.55983	0.64282	0.683895	-1.46221	0.319722	0.23853	2.30853	0.278535	0.792247	-1.26223	0.306448	0.422529	2.36677	0.816564	0.827739	-1.20815	0.906615	0.908934	-1.10019	0.957214	1.0462	1.0462	0.453905	0.475905	0.93973	1
cg02823746	AGPHD1;AGPHD1	0.869616	0.320536	0.661	-1.51242	0.3205	1.52694	1.52694	0.716096	0.94256	-1.06256	0.952587	0.94977	-1.05297	0.975	1.001	1.001	0.338805	0.8481	1.84081	0.67731	0.757812	-1.31959	0.577387	0.689978	-1.45142	0.831781	1.16726	1.16726	0.453902	0.475905	0.93973	1
cg17987646	TRPS1	0.869614	0.704738	0.884774	-1.13023	0.120438	0.581784	-1.71885	0.910558	0.964509	-1.0368	0.633116	0.856797	-1.16725	0.810489	0.925656	-1.08031	0.891361	1.04493	1.04493	0.899911	0.960344	-1.04129	0.378171	0.74769	-1.33745	0.528006	0.814157	-1.22826	0.453869	0.743342	1.45581	1
cg05135015	RPS27	0.869615	0.824934	1.04841	1.04841	0.854914	0.961831	-1.03968	0.267794	1.34625	0.852885	1.06607	1.06607	0.776017	0.894584	-1.11783	0.338804	1.3465	1.3465	0.776017	0.894584	-1.11783	0.376563	1.42353	1.42353	0.67167	0.92334	-1.08302	0.454152	0.848524	0.656865	1
cg15244756	MON1A;MON1A	0.869617	0.434467	1.29981	1.29983	0.789296	0.915696	-1.09207	0.963035	0.984876	-1.01536	0.645377	1.2915	1.2915	0.274758	0.68977	1.44976	0.634395	1.07062	1.07062	0.844153	0.612364	0.551306	-1.81615	0.543284	0.932279	-1.07264	0.704115	0.882088	-1.13367	0.453803	0.777127	1.5222	1
cg18455992	TMEM418;TMEM418	0.869666	0.584396	0.803378	-1.24474	0.512062	0.768312	-1.30155	0.436271	1.36998	1.36998	0.972162	0.986264	-1.01393	0.444716	0.734325	-1.3618	0.204498	0.588197	-1.70011	0.7439	0.876155	-1.13875	0.898028	1.05213	1.05213	0.824611	0.915784	-1.09196	0.453789	1.12905	2.2116	1
cg10264113	SHSH4	0.869747	0.889247	1.08268	1.08268	0.741394	1.08433	1.08433	0.744357	1.13931	1.13931	0.472729	1.24245	1.24245	0.544302	1.42254	1.42254	0.762495	0.84131	-1.18862	0.541402	1.42254	1.42254	0.562602	1.94603	1.94603	0.221166	2.11362	2.11362	0.453783	2.33004	4.66577	1
cg06982544	C1orf51	0.86968	0.574932	1.36113	1.36113	0.347742	0.590925	-1.69226	0.328902	0.577928	-1.73032	0.423928	1.55953	1.55953	0.861392	0.909286	-1.09976	0.950435	0.96674	-1.0344	?	?	?	0.940795	1.04125	1.04125	0.996195	0.997409	-1.0026	0.453283	1.83438	4.16827	1
cg11353032	ZBSR2	0.869681	0.918443	1.03737	1.03737	0.760307	1.08427	1.08427	0.744357	1.16069	1.16069	0.472729	1.24245	1.24245	0.544302	1.42254	1.42254	0.762495	0.84131	-1.18862	0.541402	1.42254	1.42254	0.562602	1.94603	1.94603	0.221166	2.11362	2.11362	0.453783	2.33004	4.66577	1
cg07685357	MIR125B1;LOC399959	0.869688	0.718285	1.20031	1.20037	0.397962	0.646429	-1.54696	0.626951	0.781211	-1.28006	0.292385	1.73445	1.73445	0.691894	1.22238	1.22238	0.548221	1.35837	1.35837	0.677387	1.2348	1.2348	0.92568	0.954054	-1.04816	0.408196	1.53184	1.53184	0.453755	1.82634	3.57773	1
cg06107487	NCKAP5;NCKAP5	0.869695	0.329119	1.25839	1.25839	0.361271	0.807222	-1.23882	0.862761	0.961287	-1.04027	0.944298	0.984181	-1.01607	0.911746	1.02562	1.02562	0.729643	1.08239	1.08239	0.332839	1.25604	1.25604	0.551701	1.1473	1.1473	0.696772	0.914514	-1.09348	0.453745	0.374217	0.733092	1
cg04398950	AMN	0.869713	0.385911	1.24033	1.24033	0.355738	1.59745	1.59745	0.784012	1.19458	1.19458	0.746563	1.34778	1.34778	0.555247	1.5827	1.5827	0.4058	0.31765	3.14763	1.00235	0.955052	1.07387	1.07387	0.931569	0.920258	-1.12225	0.9445	0.902738	-1.03387	0.643206	1.25205	1.25205	0.453716	0.428402	0.839906	1
cg15890484	DYNC2LI1;DYNC2LI1;D

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change(1-pos|1047 vs. N)	p-value|105T vs. N)	Fold-Change(1-pos|105T vs. N)	p-value|111T vs. N)	Fold-Change(1-pos|111T vs. N)	p-value|112T vs. N)	Fold-Change(1-pos|112T vs. N)	p-value|121T vs. N)	Fold-Change(1-pos|121T vs. N)	p-value|121T vs. Change(1-pos|121T vs. N)	p-value|347T vs. N)	Fold-Change(1-pos|347T vs. N)	p-value|353T vs. N)	Fold-Change(1-pos|353T vs. N)	p-value|537T vs. N)	Fold-Change(1-pos|537T vs. N)	p-value|537T vs. N)	Fold-Change(1-pos|537T vs. N)	p-value|563T vs. N)	Fold-Change(1-pos|563T vs. N)	F(Error
cg02652377	MIR602	0.870574	0.244566	2.09082	2.09082	2.707334	1.25786	1.25786	1.499166	1.51785	1.515785	1.8984481	1.08073	1.080073	1.4057747	0.59607	1.67765	0.856181	1.11667	1.116672	1.9902032	0.994626	1.0054	1.0054	0.566469	1.422358	1.422358	0.5344445	0.6820117	1.466624	0.4523811	2.650393	5.20884	1
cg18532208	FAM20C	0.870595	0.37251	2.48482	2.48482	2.2616	3.20223	3.20223	3.513979	1.9309	1.9309	0.426416	2.242	2.242	0.8856445	1.1538	1.1538	0.5047779	1.95984	1.95984	0.22897	3.50823	3.50823	0.571432	1.76575	1.76575	0.647942	1.57941	1.57941	0.452349	7.08075	13.914	1
cg05385973	LANCL1;LANCL3	0.87061	0.246634	0.438465	-2.28068	0.89541	0.914397	-1.09362	0.879794	0.90214	-1.10848	0.53316	1.53655	1.53655	0.782965	0.828689	-1.20673	0.217531	0.413603	-2.41778	0.616084	0.708903	-1.41063	0.803988	0.844315	-1.18439	0.952487	1.04138	1.04138	0.452326	3.31769	6.51977	1
cg18489434	VASH1;VASH1	0.870625	0.818012	1.03921	1.03921	0.772058	0.952688	-1.04606	0.543219	1.10814	1.10814	0.536271	0.800772	-1.11016	0.37659	0.8595	-1.16347	0.460406	0.882138	-1.13301	0.223171	0.807691	-1.2381	0.963419	1.097408	1.00768	0.981471	0.996132	1.003848	0.452303	0.199458	0.391984	1
cg08239176	SNORD41;TNFRSF10C;TNPO2;TNPO2	0.870628	0.612212	0.922926	-1.08351	0.554272	1.0984	1.0984	0.9832	1.00031	1.00031	0.334544	0.855428	-1.16901	0.547542	0.908524	-1.1002	0.996464	0.999305	1.00007	0.44929	1.0312	1.0312	0.783295	0.957489	1.0444	1.001028	0.809062	1.236	0.452298	0.176346	0.346569	1
cg25548869	HLA-A	0.870628	0.494076	0.773485	1.29285	0.539351	0.793085	-1.2609	0.76277	0.894072	-1.11848	0.685095	0.860027	-1.16275	0.393331	0.723629	-1.38183	0.200367	0.618811	-1.63717	0.249364	0.640507	-1.56126	0.874843	0.943366	-1.06003	0.958516	1.01943	1.01943	0.452297	0.979955	1.92588	1
cg26216343	DPYSL4	0.870634	0.637746	1.30045	1.30045	0.247515	1.95916	1.95916	0.592984	1.34832	1.34832	0.659323	1.27857	1.27857	0.846192	1.11357	1.11357	0.380244	1.64636	1.64636	0.240093	1.97652	1.97652	0.628545	1.31	1.31	0.33543	1.73362	1.73362	0.452288	2.1979	4.31956	1
cg12700443	MAD1L1;MAD1L1;MAD1L1	0.870638	0.391305	0.84814	-1.18004	0.20649	1.28813	1.28813	0.848356	1.04171	1.04171	0.54616	0.877599	-1.11896	0.721639	1.07947	1.07947	0.937501	1.01691	1.016911	0.601389	1.11856	1.11856	0.509637	0.860763	-1.15372	0.961355	0.989696	-1.01041	0.452283	0.327337	0.643127	1
cg26188784	CTBS	0.870652	0.882191	1.04771	1.04771	0.557647	1.20488	1.20488	0.958349	1.01655	1.01655	0.708007	0.884668	-1.12553	0.487236	0.801035	-1.24838	0.162478	0.625814	-1.59792	0.718361	1.12056	1.12056	0.735676	0.898977	-1.11238	0.631006	0.858895	-1.16429	0.45226	0.707621	1.39078	1
cg10269127	KIAA1549;KIAA1549	0.870656	0.820516	1.07916	1.07916	0.447548	1.29629	1.29629	0.494147	1.26209	1.26209	0.490004	1.265	1.265	0.226317	1.53097	1.53097	0.504136	1.25514	1.25514	0.260101	1.48261	1.48261	0.949284	0.978901	-1.02155	0.513274	1.2489	1.2489	0.452254	0.8049999	1.5822	1
cg04053045	DUSP2	0.870674	0.366024	0.481897	-2.07513	0.278432	1.66125	1.66125	0.647478	1.84129	1.84129	1.17069	0.377668	0.4008848	2.483722	0.907781	1.10178	0.803773	0.630796	-1.58561	0.488984	1.17662	1.17662	0.410231	2.437	2.437	0.362677	1.47074	1.47074	0.452227	4.425497	8.698661	1
cg21573880	C6orf47;C6orf47	0.870678	0.382205	0.624863	-1.60035	0.421351	0.646009	-1.54777	0.288076	0.55626	-1.79722	0.293151	0.560202	-1.78507	0.481867	0.683764	-1.46249	0.355387	0.603168	-1.65791	0.760416	0.848894	-1.17662	0.410201	0.638993	-1.56496	0.779224	0.861182	-1.16119	0.452127	2.02408	3.98115	1
cg09181339	SLC7A5;SLC7A5	0.870744	0.913765	0.974512	-1.02613	0.164537	1.7634	1.7634	0.163095	1.21679	1.21679	0.591507	1.230025	1.230025	0.648809	1.1917	1.1917	0.724135	0.87324	-1.14516	0.668034	0.847876	-1.17962	0.925151	1.37928	1.37928	0.784021	1.02144	1.02144	0.452117	1.04765	2.059744	1
cg04428853	TMEM110;TMEM110	0.870745	0.345205	1.87294	1.87294	0.877532	0.90619	-1.10352	0.797117	1.18954	1.18954	?	1.17888	1.17888	0.791487	1.18454	1.18454	?	?	?	0.219508	2.31584	2.31584	0.821992	1.15488	1.15488	0.783531	1.10246	1.10246	0.401928	1.923105	4.10106	1
cg16481024	KLF10	0.87076	0.565673	0.867775	-1.15237	0.237542	1.35284	1.35284	0.878465	0.963317	-1.03808	0.475022	0.837428	-1.19413	0.559851	1.15488	1.15488	0.905525	0.971418	-1.02942	0.745642	0.923581	-1.08274	0.91554	0.851265	-1.17472	0.723242	1.09072	1.09072	0.452092	0.427104	0.839757	1
cg15066577	PPP2R5A;PPP2R5A	0.870831	0.859013	0.92817	-1.07799	?	0.8566	-1.16772	?	0.9642	-1.03705	?	0.9642	1.02642	0.393613	1.37988	1.37988	0.657978	1.11798	1.117798	0.367363	1.47551	1.47551	0.487341	1.2962	1.2962	0.411713	1.3615	1.3615	0.452056	0.684246	1.90287	1
cg16577724	AHRR	0.870807	0.436553	2.00524	2.00524	2.231922	3.00122	3.00122	0.224646	3.05893	3.05893	0.530073	1.74644	1.74644	0.592736	1.60525	1.60525	0.40022	2.1273	2.1273	0.792268	1.26033	1.26033	0.525328	1.75803	1.75803	0.720672	1.36989	1.36989	0.45202	5.50103	10.8177	1
cg21642799	BMPER	0.870809	0.614851	1.26484	1.26484	0.316203	1.61588	1.61588	0.179585	1.935	1.935	0.960733	1.02306	1.02306	0.520126	1.35245	1.35245	0.929868	0.960055	-1.04161	0.528953	1.34365	1.34365	0.610977	1.26816	1.26816	0.784014	0.880527	-1.13568	0.452017	1.53528	3.01911	1
cg10548036	GPC5	0.870819	0.692033	1.64842	-1.54221	0.341012	0.326038	-1.08712	0.694871	1.53556	1.53556	0.799302	0.960642	-1.03156	?	?	?	?	?	?	?	?	?	?	0.941814	1.08186	1.08186	0.772819	1.36824	1.36824	0.35409	3.48583	4.92225	1
cg02806802	SHF	0.87082	0.892442	0.914842	-1.09308	0.496298	1.5753	1.5753	0.29892	2.03056	2.03056	0.504989	1.56057	1.56057	0.47444	0.61967	-1.61376	0.572502	0.687157	-1.45527	0.556387	0.676109	-1.47905	0.726816	1.25955	1.25955	0.893134	0.91537	-1.09246	0.452	3.09846	6.09333	1
cg12419955	INPP5A	0.870833	0.333363	1.54514	1.54514	0.648847	0.536708	-1.46107	0.552615	0.825567	-1.21129	0.575703	1.40886	1.40886	0.681898	0.709932	-1.40855	0.596208	0.723125	-1.38289	0.457113	1.11545	1.11545	0.896313	1.1777	1.1777	0.607214	1.36934	1.36934	0.45198	2.630647	5.173566	1
cg24310038	CAMK1G	0.870836	0.412635	0.568695	-1.75841	0.579826	0.768085	-1.30139	0.456747	0.602284	-1.66013	0.547656	0.880281	-1.24644	0.920208	0.947723	-1.05605	0.639753	1.30127	1.30127	0.240617	0.437003	-2.28695	0.643996	0.735022	-1.3605	0.637291	1.37715	1.37715	0.452174	0.352015	0.6392	1
cg07001062	LMF1	0.870863	0.604552	0.729257	-1.38302	0.872851	1.04452	1.04452	0.588452	1.43356	1.43356	0.578942	1.41693	1.41693	0.282866	0.50798	-1.96858	0.893368	0.920128	-1.08681	0.374646	0.796048	1.76048	1.76048	0.495631	0.650876	-1.53638	0.993624	0.995052	-1.00407	0.451932	2.75754	5.42371	1
cg23821074	ANKRD5;ANKRD5;ANKRD5;ANKRD5	0.870873	0.255022	0.519144	-1.92625	0.605519	1.33297	1.33297	0.731282	1.20946	1.20946	0.956387	1.03063	1.03063	0.818814	0.881108	1.13494	?	?	?	0.498344	0.684412	-1.46111	0.586574	1.35379	1.35379	0.535785	0.707578	-1.41327	0.433421	1.85685	4.28417	1
cg05346688	SLCO3A1;SLCO3A1	0.870895	0.881114	0.93722	-1.06698	0.856486	0.924567	-1.08159	0.165899	0.527217	-1.89675	0.731825	0.852508	-1.17301	0.725166	1.1649	1.1649	0.271898	0.60927	-1.64131	0.553174	0.771132	-1.2968	0.712607	0.851897	-1.17385	0.650285	0.820586	-1.21864	0.451883	1.34331	2.6424	1
cg27537796	LYG6C	0.870901	0.871035	0.97152	-1.02934	0.373459	0.915338	-1.09233	0.204243	0.402657	2.482436	0.620336	0.61203	1.634209	0.845979	0.897376	-1.11436	0.615101	0.788068	1.268308	0.172313	0.570502	1.75207	1.752074	0.13728	0.837005	-1.19497	0.84446	0.851873	-1.17402	0.452182	2.48455	4.92225	1
cg22007501	LMNB1	0.870903	0.3246	0.891859	-1.12125	0.705055	1.04371	1.04371	0.548392	1.07071	1.07071	0.835997	0.977457	-1.02306	0.475596	1.08504	1.08504	0.378696	0.903382	-1.10695	0.930058	1.00993	1.00993	0.473162	0.921194	-1.08555	0.805609	0.972641	-1.02813	0.45187	0.09058858	0.178194	1
cg20441231	PIGF;CPRF;PIGF	0.870905	0.86329	0.967524	-1.03357	0.624557	1.1593	1.1593	0.778467	1.0567	1.0567	0.88915	0.973037	-1.02708	0.497368	1.07324	1.07324	0.350627	0.833908	-1.20026	0.751747	1.09277	1.09277	0.767887	1.09277	1.09277	0.767887	1.24741	1.24741	0.452046	0.262651	0.516619	1
cg11343017	HIST3H2A;HIST3H2BB	0.870938	0.90229	0.940745	-1.06299	0.833305	1.01155	1.01155	0.46065	1.44759	1.44759	0.912063	1.05648	1.05648	0.617873	1.22303	1.22303	0.267079	0.562688	-1.77718	0.953309	0.971299	-1.02955	0.711238	1.20313	1.20313	0.269427	1.77178	1.77178	0.451816	1.76993	3.48209	1
cg03762549	TMEM61	0.870941	0.89496	0.945075	-1.05812	0.552445	1.29308	1.29308	0.294137	1.59256	1.59256	0.809223	1.10898	1.10898	0.557483	0.775926	-1.28878	0.385812	1.46259	1.46259	0.45327	1.38642	1.38642	0.72147	0.858059	-1.16542	0.658796	0.826924	-1.2093	0.451812	1.308666	2.57464	1
cg15652741	MIB2;MIB2;MIB2;MIB2;MIB2;MIB2	0.870946	0.247375	1.49847	1.49847	0.667315	0.883802	-1.13141	0.358358	0.48948	-2.04163	0.663018	0.780311	-1.28144	0.663018	0.701191	-1.4263	0.691863	1.44638	1.44638	0.997117	0.998792	-1.00121	0.647403	1.1906	1.16643	1.83846	0.934015	0.870065	0.845804	0.800318	0.57429	1
cg02342533	MIR212;MIR132	0.870952	0.484344	0.810134	-1.23436	0.278508	0.93632	1.39632	0.570121	1.18534	1.18534	0.575966	0.845854	-1.18224	0.657309	0.876094	-1.14143	0.993436	0.997566	-1.00244	0.463922	1.24715	1.24715	0.611943	0.859358	-1.16366	0.995459	0.99169	-1.00169	0.451794	0.628089	1.23574	1
cg19580934	LRRC21;LRRC21	0.870965	0.604552	0.729257	-1.38302	0.872851	1.04452	1.10452	0.588452	1.43356	1.43356	0.578942	1.41693	1.41693	0.282866	0.50798	-1.96858	0.893368	0.920128	-1.08681	0.374646	0.796048	1.76048	1.76048	0.495631	0.650876	-1.53638	0.993624	0.995052	-1.00407	0.451932	2.75754	5.42371	1
cg06437004	LDHB	0.870998	0.758277	1.0682	1.0682	0.479408	1.16611	1.16611	0.343909	1.23168	1.23168	0.728136	1.0794	1.0794	0.213629	1.32299	1.32299	0.820033	1.04991	1.04991	0.972699	0.992712	-1.00734	0.470893	1.16972	1.16972	0.280719	1.2708	1.2708	0.451723	0.326819	0.643106	1
cg18476633	TCSANC;TCEANC	0.871003	0.247973	0.389911	-2.58457	0.380678	0.493144	-2.02781	0.612572	1.49404	1.49404	0.860275	1.14857	1.14857	0.675452	0.718173	-1.39242	0.275412	0.409803	-2.4402	0.882229	0.889981	-1.12361	0.853918	0.86981	-1.14968	0.872144	0.881064	-1.13499	0.451716	0.42204	0.70172	1
cg18862260	MSTN	0.871011	0.546909	0.828	-1.20773	0.738434	0.790648	-1.38241	0.683228	0.826936	-1.45695	0.941494	1.06965	1.06965	0.328482	0.935	-1.06952	0.937985	1.12778	1.127778	0.887408	0.814984	1.22673	1.226731	0.941363	1.06081	1.06081	0.451704	0.6096	0.11457	1
cg21302120	DHX15	0.871044	0.758325	1.07426	1.07426	0.987261	0.996301	-1.00371	0.432305	1.20444	1.20444	0.918896	0.976636	-1.02392	0.801996	0.943346	-1.06006	0.775519	0.936363	-1.06796	0.777632	0.936395	-1.06793	0.605671	1.12849	1.12849	0.142847	1.4413	1.4413	0.451652	0.385386	0.758473	1
cg22880122	HCG22	0.871076	0.255336	0.464854	-1.98654	0.656889	1.45584	1.45584	0.360529	0.373022	-2.68077	0.378895	0.512813	1.95078	0.394323	0.507995	-1.96861	0.459522	0.546534	-1.82992	0.513267	0.567895	-1.76089	0.778804	0.978933	-1.02152	0.641603	0.71885	-1.39082	0.451648	0.109353	0.21053	1
cg07060182	YEF1	0.871081	0.926358	0.96605	-1.03514	0.595124	0.981217	-1.01914	0.994147	0.997263	-1.00274	0.896471	0.952525	-1.04984	0.556437	0.800716	-1.24888	0.382589	0.715662	-1.39731	0.234065	0.627461	-1.59373	0.281805	0.658431	-1.51876	0.362847	0.705097	-1.41824	0.451595	0.998397	1.96518	1
cg15627180	TMPRSS4;TMPRSS4	0.871081	0.597373	0.705828	-1.41678	0.776449	1.2045	1.2045	0.584438	0.666993	-1.49473	0.442825	0.357222	-2.79938	0.802339	0.848797	-1.17814	0.750285	0.811642	-1.23207	0.813945	0.857197	-1.16659	0.375372	0.551762	-1.81238	0.475544	0.622373	-1.60675	0.451594	3.05538	6.01401	1
cg18170745	CLEC12A	0.871122	0.441062	1.29284	1.29284	0.773395	0.924501	-1.08215	0.225125	0.895829	0.855683	-1.16863	0.546093	2.59129	0.386825	-1.19663	0.546093	2.59129	?	0.521218	?	?	?	0.434599	?	?	0.434599	0.626821	0.626821	0.451583	0.626821	1.20263	1
cg21338031	STARD3;STARD3;STARD3	0.871135	0.594729	1.50724	1.50724	0.928294	0.9172	1.11581	0.366314	0.76826	1.11581	0.963618	0.96825	-1.03279	0.966314	0.76072	1.76072	0.119795	3.63154	3.63154	0.738481	0.734121	-1.29179	0.883839	0.894304	-1.11819	0.804483	2.20867	2.20867	0.45151	4.17512	8.21957	1
cg22605063	DBN1;DBN1;DBN1	0.871177	0.471231	0.735822	-1.35918	-1.28283	1.28283	0.675966	0.621607	0.581151	0.582693	1.72409	1.72409	0.468896	0.760707	1.31466	1.31466	0.760707	1.31466	1.314664	0.760969	0.894884	-1.11824	0.439324	2.27681	-1.31554	0.449436	0.784458	-1.27477	0.807223	0.80055	-1.24938	0.451583	0.664644	1.28228	2
cg17973661	MAP2K5;MAP2K5	0.871218	0.832525	1.06705	1.06705	0.98362	0.993728	-1.00631	0.966641	1.0129	1.0129	0.514945	1.22428	1.22428	0.521778	0.819563	-1.22016	0.750658	0.810263	1.10263	0.745629	1.1049	1.1049	0.287797	1.40244	1.40244	0.214305	1.49282	1.49282	0.451381	0.671403	1.33217	1
cg25182504	GLT25D1	0.871222	0.423887	0.571124	-1.75042	0.699454	0.914408	1.01448	0.625715	0.552263	-1.81072	0.422134	0.360825	-2.77039	0.360825	2.77039	?	0.354257	0.124798	-8.01282	0.124798	0.156454	6.609023	1.67835	1.67835	0.682505	0.836802	-1.19503	0.842174	0.842174	0.451344	0.262651	0.516619	1
cg26489606	VAV4 2	0.871352	0.571552	1.38465	1.38465	0.897722	0.929412	1.07595	0.629096	0.31005	3.2805	0.80232	1.15349	1.15349	0.924153	0.947238	-1.0557	0.68479	1.26151	1.26151	0.111934	2.67871	2.67871	0.977923	1.0914	1.0914	0.668498	0.783151	1.27689	0.451354	2.3163	4.56168	1
cg26122413	INF2;INF2	0.871239	0.891782	1.12764	1.12764	0.418367	2.07458	2.07458	0.293766	2.61445	2.61445	0.263841	2.79504	2.79504	0.826601	0.82398	-1.21362	0.510044	1.80345	1.80345	0.49415	1.84545	1.84545	0.385729	2.19181	2.19181	0.604949	1.58489	1.58489	0.451349	5.56696	10.9636	1
cg02609473	MEIS1	0.871262	0.797827	1.05503	1.05503	0.691357	0.956026	1.08146	0.717212	0.953597	1.04988	0.818326	1.22201	0.525868	0.874471	-1.14315	0.874471	1.14315	1.18296	1.18296	0.842706	0.845972	-1.05311	0.874221	1.14401	0.804543	0.949572

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(437T vs. N)	Fold-Change(437T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg06517489	SLC17A6	0.872426	0.4477168	0.845222	0.183132	0.328366	0.803351	-1.24479	0.457698	0.8468623	0.117838	0.858946	0.962127	-1.03936	0.544963	0.875491	0.142222	0.6035666	1.12042	1.12042	0.251375	0.770977	-1.29705	0.895768	1.00388	1.00388	0.996162	1.00104	0.449502	0.335362	0.663177	1
cg19575296	MEIS3;MEIS3	0.872429	0.404605	1.523666	1.52366	0.73137	1.185552	1.185552	0.711971	1.200917	1.200097	0.345059	1.616488	1.616488	0.639155	1.262665	1.262665	0.205393	1.93432	1.93432	0.315347	1.66078	1.60989	0.945035	-1.05816	0.633059	1.26811	1.26811	0.449497	1.73608	3.43314	1
cg03261428	VPS37B	0.872443	0.254086	0.458604	-2.18053	0.80847	1.1723	1.1723	0.317071	0.508133	-1.96799	0.561601	0.681007	-1.46841	0.81164	1.16915	1.16915	0.37335	0.549804	-1.81883	0.487965	0.630509	-1.58602	0.934952	0.94797	-1.05489	0.589841	0.700307	-1.42794	0.449475	3.05021	6.03213	1
cg20075054	KIN;ATP5C1;ATP5C;KIN	0.872467	0.812134	1.04423	-1.05906	0.311371	0.77691	-1.28715	0.728258	1.0877	1.0877	0.608578	1.13257	1.13257	0.478062	1.18886	1.18886	0.699801	0.910845	-1.09788	0.859027	0.958056	-1.04378	0.292793	1.30088	1.30088	0.90936	0.972925	-1.02783	0.449437	0.413482	0.817778	1
cg03842375	MYRIP	0.872492	0.771188	1.16377	1.16377	0.166867	2.1522	2.1522	0.501881	0.701541	-1.42945	0.794498	0.846528	-1.1813	0.92377	0.951442	-1.05104	0.76996	1.16475	1.16475	0.43715	1.5102	1.5102	0.95225	1.03163	1.03163	0.717197	1.2076	1.2076	0.449399	1.92524	3.80804	1
cg18378859	PAK2B	0.872497	0.303004	0.603823	-1.65611	0.66764	0.813032	-1.22996	0.241464	0.553732	-1.79949	0.774366	1.14766	1.14766	0.667615	1.22998	1.22998	0.599909	1.28867	1.28867	0.934514	0.961388	-1.04016	0.761257	0.864144	0.864144	-1.15721	0.750072	1.16548	1.16548	0.449391	1.63411	3.23225	1
cg24954121	ACOT11;ACOT11;FAM151A	0.872506	0.681837	0.717312	-1.39409	0.481564	0.56181	-1.77996	0.693013	0.72629	-1.37686	0.736264	0.761498	-1.3132	0.331624	0.446038	-2.24196	0.340655	0.453172	-2.20667	0.28877	0.411639	-2.42931	0.354189	0.463802	-2.15609	0.746844	1.29831	1.29831	0.449377	4.62378	9.14605	1
cg20603003	QDPR;QDPR	0.872515	0.411758	0.69706	2.49356	0.772717	1.57131	1.57131	0.883424	2.15036	2.15036	0.224078	4.02538	4.02538	0.285213	3.35458	3.35458	0.540382	1.90566	1.90566	0.96481	1.047	1.047	0.802609	0.763014	1.31404	0.973299	0.896804	1.03404	0.449363	8.46144	16.7376	1
cg20703596	C9orf100	0.872554	0.929515	0.13194	0.13194	0.11703	1.30522	1.30522	0.635057	1.007767	1.007767	0.463265	1.13438	1.13438	0.771466	1.04662	1.04662	0.979607	0.996009	-1.00401	0.664213	1.07072	1.07072	0.512509	1.10963	1.10963	0.902894	1.01928	1.04928	0.449325	0.174168	0.344553	1
cg08757719	TCEAL3;TCEAL3	0.872549	0.1969882	0.243161	-4.11249	0.836701	0.807384	-1.23857	0.531576	0.518439	-1.92887	0.727295	1.43755	1.43755	0.568894	1.81646	1.81646	0.380598	0.393629	-2.54046	0.646072	0.619185	-1.61503	0.981039	0.975664	-1.02494	0.933759	1.09	1.09	0.449631	7.64754	15.1295	1
cg08442391	VPS36	0.872573	0.7781822	0.946372	-1.05662	0.311371	0.78183	-1.27935	0.765907	1.066001	1.066001	0.617517	0.7547122	-1.32501	0.965167	0.991756	-1.00831	0.424326	0.852779	-1.17264	0.684934	0.92347	-1.08287	0.974831	1.00618	1.00618	0.702561	1.07776	1.08277	0.449272	0.271064	0.536301	1
cg05737650	HIP1R;INO80E;HIRIP3	0.872578	0.524973	1.31334	1.31334	0.696669	1.18029	1.18029	0.697823	1.1795	1.1795	0.477783	0.736834	-1.35716	0.56962	0.784147	-1.27527	0.487948	0.742187	-1.34737	0.458319	1.37649	1.37649	0.362914	1.43743	1.43743	0.973607	1.0141	1.0141	0.449265	1.27393	2.52051	1
cg07841280	SEMA4A	0.872582	0.711808	1.284262	1.28426	1.202402	0.247223	1.82997	0.192407	1.82997	0.192407	1.255911	1.255911	1.888037	1.555568	1.555568	1.742836	0.844364	-1.17974	0.513402	1.3913	1.3913	0.354196	1.83212	1.83212	0.959539	1.02568	1.02568	0.624089	1.2798	1.2798	0.449259	1.77905	3.51205	1
cg15627300	NRD1;NRD1	0.872587	0.927409	1.03591	1.03591	0.243532	1.60394	1.60394	0.969969	0.98553	-1.01468	0.847097	0.927981	-1.07761	0.282394	1.5411	1.5411	0.870408	1.06526	1.06526	0.876626	1.062	1.062	0.673135	0.847678	-1.17969	0.483462	0.759011	-1.3175	0.44925	1.06665	2.11048	1
cg00603097	FAM69C	0.872608	0.820919	0.907261	-1.10222	0.806755	0.900143	-1.11093	0.282589	1.64492	1.61492	0.908097	0.951638	-1.05082	0.385732	0.682695	-1.46478	0.843866	1.08833	1.08833	0.788045	0.890767	-1.12263	0.881661	0.62291	-1.60537	0.722242	0.857949	-1.16557	0.449218	1.31096	2.59406	1
cg00162421	APITD1;CORT	0.872613	0.886523	0.972241	1.02855	0.946907	1.01279	1.01279	0.367384	1.20027	1.20027	0.178448	0.948114	-1.05473	0.646276	0.912921	-1.09538	0.8681	1.08475	1.08475	1.1564	0.379104	1.19466	0.359571	0.830511	-1.20488	0.886997	1.02843	1.02843	0.449214	0.27653	0.547193	1
cg17048804	MAN2A1	0.872623	0.934164	0.962885	-1.03855	0.990964	1.0052	1.0052	0.619445	1.25758	1.25758	0.988135	1.00683	1.00683	0.551495	0.75896	-1.31759	0.541402	1.32711	1.32711	0.746144	1.16032	1.16032	0.354809	0.646774	-1.54614	0.247218	1.73996	1.73996	0.449195	1.49087	2.9502	1
cg26712808	PIKA81;PIKA81	0.872624	0.981389	1.00463	1.00463	0.260884	1.28892	1.28892	0.835119	0.955046	-1.04707	0.516055	0.864744	-1.15641	0.37076	1.22486	1.22486	0.5531	1.14158	1.14158	0.865076	1.03824	1.03824	0.922312	1.02119	1.02119	0.623562	1.12951	1.12951	0.449193	0.346479	0.685632	1
cg25121338	SLC39A10;SLC39A10	0.872638	0.873359	1.07748	1.07748	0.303453	1.64648	1.64648	0.586957	1.024533	1.024533	0.162642	1.08883	1.08883	0.533648	0.755555	-1.32353	0.326333	1.60655	1.60655	0.569231	1.2896	1.2896	0.916029	0.609074	1.2729	1.2729	0.449172	1.55698	3.08118	1
cg24646801	KIAA0922;KIAA0922	0.872686	0.205173	0.668288	-4.49636	0.636754	0.866385	-1.15422	0.962488	0.98592	-1.01428	0.315377	0.731244	-1.36753	0.991561	1.00319	1.00319	0.390059	0.76678	-1.30416	0.564636	0.838988	-1.19191	0.745888	1.10301	1.10301	0.632713	0.864872	-1.15624	0.449097	0.646603	1.27981	1
cg24543696	DKK3;DKK3;DKK3	0.872696	0.660603	1.20904	1.20904	0.449803	1.19736	1.19736	0.35731	1.155605	1.155605	0.699247	1.18373	1.18373	0.676457	1.18892	1.18892	0.895866	1.05787	1.05787	0.870186	0.932146	-1.07279	0.451856	0.71944	-1.38999	0.441875	0.713984	-1.40059	0.449082	1.31275	2.59889	1
cg18714887	WDR27	0.872708	0.66985	0.768699	-1.3009	0.186584	0.423687	-2.36023	0.28144	0.503285	-1.98695	0.982943	0.986973	-1.0132	0.78396	1.1836	1.1836	0.593568	0.718641	-1.39152	0.610482	0.72972	-1.37039	0.9264	0.944906	-1.05831	0.774729	1.19244	1.19244	0.449062	2.67559	5.29615	1
cg20027644	TTL13	0.872736	0.621786	1.29404	1.29404	0.71643	1.20816	1.20816	0.993459	1.04026	1.04026	0.406038	1.553722	1.553722	0.822474	0.890037	-1.12355	0.584002	1.33122	1.33122	0.15513	2.21908	2.21908	0.824245	1.4441	1.4441	0.500308	1.42593	1.42593	0.449019	0.91104	1.78354	1
cg09582738	UBTD2	0.872742	0.715445	0.864797	-1.15634	0.633082	1.21024	1.21024	0.417375	1.38933	1.38933	0.815447	1.0972	1.0972	0.697121	1.16787	1.16787	0.532041	1.777925	-1.28547	0.723684	0.868633	-1.15123	0.787043	0.898137	-1.11342	0.227128	0.604668	-1.6538	0.449009	1.11939	2.21603	1
cg23223044	RPL13AP5;RPL13A;RPL13A	0.872744	0.412433	0.890763	-1.12263	0.886285	1.01995	1.01995	0.958815	0.992897	-1.00715	0.844021	1.12366	1.12366	0.90962	0.984447	-1.0158	0.797455	1.03614	1.03614	0.319296	0.897067	-1.11477	0.937417	0.905497	-1.10437	0.549133	1.08727	1.08727	0.449006	0.135504	0.268256	1
cg19891951	DDN	0.872745	0.565942	1.3	1.3	0.352926	0.64889	1.6	0.104228	0.413498	0.685236	-2.43935	0.423306	0.609805	-1.64474	0.61608	-1.62346	0.912921	-1.09538	0.719021	1.2896	1.2896	0.379104	1.35252	0.648847	-1.5412	0.995601	0.997511	-1.00225	0.44904	1.45375	2.87797	1
cg07427138	DYM	0.872776	0.586968	1.12862	1.12862	0.874404	0.965708	-1.03551	0.548395	1.14335	1.14335	0.705227	1.08744	1.08744	0.667402	1.10006	1.10006	0.480718	0.853754	-1.1713	0.289416	0.784613	-1.27451	0.604086	0.891017	-1.12231	0.533505	1.14853	1.14853	0.448956	0.345981	0.685009	1
cg09073947	C5orf58;C5orf58;C5orf58	0.872788	0.650426	0.809613	-1.2349	0.773834	1.13367	1.13367	0.79866	1.01659	1.01659	0.983511	1.10393	1.10393	0.844704	1.12846	1.12846	0.763402	0.939241	-1.06443	0.553464	0.849121	0.939241	-1.06443	0.553464	0.849121	0.939241	-1.06443	0.553464	0.849121	0.939241	-1.06443	0.553464	0.849121	0.905589	0.607044	1
cg01444161	SKIV2L;RDBP	0.872801	0.289431	1.828897	-1.20642	0.877294	0.977936	-1.02672	0.299055	0.832198	-1.20164	0.943695	1.01213	1.01213	0.565884	1.10412	1.10412	0.922318	0.983492	-1.01679	0.796393	0.956832	-1.04511	0.721158	1.06307	1.06307	0.47487	1.1324	1.1324	0.448917	0.207077	0.410028	1
cg25645657	FST;FST	0.872847	0.980227	1.00769	1.00769	0.711015	1.12183	1.12183	0.749231	0.905677	-1.10415	0.177325	1.55726	1.55726	0.957451	0.983653	-1.01662	0.92085	1.03118	1.03118	0.456447	0.791125	-1.26402	0.59038	1.18278	1.18278	0.503387	1.23342	1.23342	0.448846	0.674402	1.3435	1
cg20767240	FGF12	0.872865	0.721802	1.19617	1.19617	0.490076	1.69176	1.69176	0.72466	1.027836	1.027836	0.31931	1.55605	1.55605	0.699247	1.18373	1.18373	0.676457	1.18486	1.18486	0.514898	0.859866	1.10787	1.10787	0.704105	1.0418	1.0418	0.602144	1.12606	1.12606	0.448842	1.78571	3.53649	1
cg23778596	KRBA1	0.872875	0.969563	1.01752	1.01752	0.478512	1.3882	1.3882	0.894911	1.06201	1.06201	0.874451	1.0765	1.0765	0.733517	0.855929	-1.16832	0.46073	0.710434	-1.40759	0.323982	0.628938	-1.58998	0.507352	1.35826	1.35826	0.416031	1.45999	1.45999	0.448802	1.47309	2.91758	1
cg16808582	NR5N1	0.872888	0.63792	1.2994	1.2994	0.715643	1.20816	1.20816	0.993459	1.04026	1.04026	0.406038	1.553722	1.553722	0.822474	0.890037	-1.12355	0.584002	1.33122	1.33122	0.15513	2.21908	2.21908	0.824245	1.4441	1.4441	0.500308	1.42593	1.42593	0.449019	0.91104	1.78354	1
cg24394865	MRPL11;MRPL11;MRPL11	0.872942	0.984058	1.00496	1.00496	0.437981	1.21629	1.21629	0.945289	1.01713	1.01713	0.871473	0.96072	-1.04089	0.435354	1.21772	1.21772	0.863873	1.04339	1.04339	0.227631	0.730918	-1.36814	0.818807	0.944792	-1.05843	0.49469	1.18723	1.18723	0.448697	0.435304	0.862358	1
cg21528273	PTPRT;PTPRF	0.872988	0.748585	1.32275	1.32275	0.301759	2.53606	2.53606	0.212037	1.13764	1.13764	0.490014	1.84029	1.84029	0.378176	2.19568	2.19568	0.450593	1.9516	1.9516	0.413051	2.02706	2.02706	0.599988	1.58452	1.58452	0.734011	1.34537	1.34537	0.448626	5.3759	10.6516	1
cg18165345	MAP3K3;MAP3K3	0.872994	?	?	?	?	1.60378	1.60378	0.75668	1.21068	1.21068	0.624157	2.4698	2.4698	1.420907	3.68447	3.68447	1.223372	4.69026	1.76768	-1.63726	0.63051	1.4593	1.4593	0.67957	1.723589	-1.38238	0.64143	1.44156	1.44156	0.449274	1.55618	3.13483	1
cg16531833	RBM34;RBM34;RBM34	0.873004	0.942959	0.983838	-1.01643	0.788454	0.940601	-1.06315	0.981487	0.99473	-1.0053	0.816902	1.05423	1.05423	0.715717	1.08685	1.08685	0.481737	1.17682	1.17682	0.183419	0.725144	-1.37904	0.945831	1.01559	1.01559	0.429896	1.20138	1.20138	0.448601	0.368361	0.729896	1
cg09409984	PDE3A	0.873054	0.818757	1.1477	1.1477	0.417738	1.61494	1.61494	0.411788	1.642734	1.642734	-1.49872	0.5457	1.16285	1.34195	0.853182	1.27941	1.04853	1.09744	1.09744	0.685	1.2905	1.2905	0.867761	1.00084	1.00084	0.448384	1.65114	1.65114	0.44895	1.68114	3.3718	1
cg15185967	TNR	0.873026	0.792536	0.89263	-1.12028	0.74588	0.869257	-1.15041	0.172663	0.53471	-1.87017	0.815316	0.904097	-1.10608	0.54487	0.767936	-1.30219	0.831369	0.912208	-1.09624	0.761992	1.16983	1.16983	0.848354	1.39506	1.39506	0.611025	0.801702	1.24735	0.448566	1.13905	2.61387	1
cg21202464	ABO	0.873049	0.831647	0.918166	-1.08913	0.692161	1.17303	1.17303	0.366347	0.689226	-1.4509	0.829191	1.0901	1.0901	0.392629	1.42079	1.42079	0.790567	1.11265	1.11265	0.359664	1.45892	1.45892	0.735489	0.872857	-1.14566	0.496195	0.757986	-1.31929	0.448531	1.14251	2.2642	1
cg18567268	LIPE	0.873053	0.513324	1.27895	1.27895	0.713615	1.31515	1.31515	0.26099	0.685861	-1.45788	0.776319	1.27439	1.27439	0.611252	1.36962	1.36962	0.925183	1.08521	1.08521	0.345358	1.14185	1.14185	0.857411	1.00044	1.00044	0.448384	1.65114	1.65114	0.44895	1.68114	3.3718	1
cg00712050	KCNQ3	0.873106	0.347769	0.665821	-1.50191	0.523487	1.31263	1.31263	0.496162	0.747726	-1.33739	0.840804	0.922482	-1.08403	0.628178	0.587336	-1.7026	0.90858	1.04952	1.04952	0.845288	0.921092	-1.08567	0.760994	0.87954	-1.13696	0.483298	0.741009	-1.34951	0.448442	1.25721	2.492	1
cg11223747	MIIP	0.873115	0.674277	1.158976	1.03038	0.394174	1.03408	1.04408	0.738	1.03408	1.04408	0.738	1.03408	1.04408	0.738

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1047 vs. 045)	Fold-Change(1047 vs. 045)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 37)	Fold-Change(537T vs. 37)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg04778843	PLCD1;ACAD4		0.847341	0.407662	0.812952	-1.23008	0.886503	0.995873	-1.00414	0.401246	1.23376	1.23376	0.946101	0.983606	-1.01667	0.605266	1.13596	1.13596																
cg17711587	EIF2S2		0.874235	0.478242	1.19576	1.19576	0.511579	1.1795	1.1795	1.1795	0.264531	1.33426	0.741497	1.08555	1.08555	0.44598	0.419178	0.841842	-1.18787															
cg24133206	SLC25A36;SLC25A36		0.873436	0.695516	0.871152	-1.14791	0.69916	0.872681	-1.14589	0.60949	0.834711	-1.19802	0.418331	0.748244	-1.33646	0.300056	1.45735	1.45735																
cg17599586	PSD		0.874337	0.445626	0.78216	-1.27851	0.526852	1.22461	1.22461	0.625461	0.856204	-1.16839	0.819557	0.690341	-1.07487	0.719007	1.12005	1.12005																
cg18789337	MARCKS		0.874401	0.914945	0.984156	-1.0161	0.739806	0.951397	-1.05109	0.873462	0.976455	-1.02411	0.584875	1.08596	1.08596	0.116367	1.26952	1.26952																
cg16426149	B3GNT1		0.874609	0.664607	0.843456	-1.1856	0.518454	0.774537	-1.29109	0.680331	1.17549	1.17549	0.936464	1.0316	1.0316	0.287638	0.649944	1.5386																
cg05686497	FBN2		0.874424	?	?	?	0.442011	0.588646	-1.69881	0.685554	0.759445	-1.31675	0.520012	1.55401	1.55401	0.872987	1.11422	1.11422																
cg08423751	RAB33B		0.874428	0.746556	0.927872	-1.07774	0.214153	0.739383	-1.35248	0.223824	0.744298	1.34355	0.605376	0.886629	-1.12783	0.890307	1.03237	1.03237																
cg18638431	ST3GAL1;ST3GAL1		0.874668	0.610072	1.20345	1.20345	0.30706	1.46596	1.46596	0.649339	1.07088	1.07088	0.731268	0.88326	-1.13217	0.72041	1.13816	1.13816																
cg07955828	DHX35		0.874503	0.390353	0.841734	-1.18802	0.721509	1.07257	1.07257	0.211123	1.2942	1.2942	0.499456	1.14362	1.14362	0.54238	1.1283	1.1283																
cg19761337	GMPS		0.874547	0.346668	0.823106	-1.21484	0.5	0.74	-1.35135	0.242858	0.848915	-1.17797	0.810154	0.877311	-1.13972	0.868866	1.14166	1.14166																
cg25186211	MORN5;NADFAR		0.874556	0.402797	0.839759	-1.19082	0.155255	1.36371	1.36371	0.86195	1.03614	0.762664	0.940042	-1.03678	0.988566	1.00285	1.00285																
cg24089626	RPL11		0.874575	0.561407	0.655193	-1.55094	0.97414	1.03219	1.03219	0.872805	0.889704	-1.12397	0.558912	0.65138	-1.5352	0.361925	0.506824	-1.97307																
cg05446424	FAM84A		0.874589	0.501176	1.24542	1.24542	0.445935	1.28372	1.28372	0.878294	1.1435	1.1435	0.731197	1.11724	1.11724	0.628094	0.854771	-1.1699																
cg00538248	PTPRT;PTPRT		0.874603	0.665299	0.86836	-1.1516	0.944808	0.977838	-1.02266	0.148587	1.65277	1.65277	0.940331	1.02457	1.02457	0.915723	1.03492	1.03492																
cg03944494	SCN9A		0.874609	0.737706	1.782384	1.27835	0.933188	1.06489	1.06489	0.673669	1.36242	1.36242	0.758093	0.797216	-1.25437	0.244885	0.411386	-2.43081																
cg26983469	VIM		0.874637	0.379503	1.57286	1.57286	0.658453	1.25043	1.25043	0.642837	1.2644	1.2644	0.278318	1.76173	1.76173	0.871157	1.08081	1.08081																
cg26171918	FLAD1;FLAD1		0.874638	0.957983	1.0202	1.0202	0.444014	0.828165	-1.20749	0.323359	0.8208	-1.21832	0.495643	1.14332	1.14332	0.67482	0.925159	-1.08512																
cg00740308	PIP4K2C;PIP4K2C;PIP4K2C		0.874658	0.995983	1.368649	-1.03237	0.962304	0.970442	-1.03046	0.296103	2.06712	2.06712	0.46216	0.627376	-1.6083	0.153679	1.26358	1.26358																
cg04001935	LOC100128731 ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI		0.874662	0.998899	1.00094	1.00094	0.924808	0.937864	-1.06625	0.514164	1.56763	1.56763	0.710914	1.28786	1.28786	0.563523	0.672443	-1.48711																
cg09123615	M2;ABLIM2		0.874686	0.793155	1.16573	1.16573	0.16659	2.3646	2.3646	0.434682	1.59187	1.59187	0.795575	1.16358	1.16358	0.964574	1.02604	1.02604	0.959899	1.36657	1.36657	0.364072	1.72333	1.72333	0.892289	0.923989	-1.08226	0.755639	0.833463	-1.19981	0.445972	2.40502	4.79357	1
cg25602651	UNG01		0.874686	0.199864	2.70987	2.70987	0.708233	1.07317	1.07317	0.344364	1.79719	1.79719	0.780842	1.22673	1.22673	0.732253	0.647861	-1.41157	-1.41157				0.689537	1.52753	1.52753	?	?	?	0.83197	0.799286	-1.25112	0.758255	0.722101	-1.38485	0.400648	5.36911	13.4011	3
cg16587635	LOC389765		0.874716	0.520099	1.99122	1.99122	0.335582	0.349341	-2.86253	0.819086	0.785392	-1.27325	0.469384	2.17708	2.17708	?	?	?				0.526699	0.820734	-1.21842	0.952415	0.101855	0.578773	0.84137	-1.18854	0.457419	0.792098	-1.26247	0.945901	0.669886	1.3354	1
cg05228413	SGSM3		0.874745	0.758514	1.35104	1.35104	0.292505	1.00965	1.00965	0.88078	1.18672	1.18672	0.380014	1.13091	1.13091	0.550972	0.887383	-1.12655	0.888561	-1.12655	0.887383	1.00661	0.878134	0.906719	1.02746	1.02746	0.597017	1.08676	1.08676	0.220041	0.443867	1
cg07234569	LOC285696;BASP1		0.874777	0.76076	1.29468	1.29468	0.382737	0.469072	-2.13187	0.972964	1.02908	1.02908	0.718503	1.35815	1.35815	0.44898	1.92033	1.92033				0.642012	1.48577	1.48577	0.374005	0.462216	-2.16349	0.839433	1.18717	1.18717	0.416041	0.495103	-2.01978	0.445829	5.04991	10.0684	1
cg07282294	FBMD4A SMARCD2;SMARCD2;SMARCD2;SMARC		0.874798	0.547485	1.41613	1.41613	0.421483	0.625398	-1.59898	0.915783	0.941331	-1.06233	0.963293	0.974038	-1.02665	0.581877	1.37421	1.37421				0.240176	0.495137	-2.01964	0.496479	1.48359	1.48359	0.970149	0.978838	-1.02162	0.812971	0.873304	-1.14508	0.445795	2.30665	4.59932	1
cg24795630	D2		0.874806	0.714668	1.14436	1.14436	0.389186	1.38275	1.38275	0.882453	0.947114	-1.05584	0.227666	1.59212	1.59212	?	?	?				0.693311	1.15669	1.15669	0.989914	0.995369	-1.00465	0.531805	0.792483	-1.26186	0.884256	0.947911	-1.05495	0.427245	0.811183	1.89864	1
cg04600395	OSR1		0.874819	0.367777	0.87306	-1.14577	0.298507	1.18541	1.18541	0.27645	1.02014	1.02014	0.983955	1.00493	1.00493	0.527437	0.861138	-1.16125				0.883212	0.966272	-1.0914	0.944253	0.991972	0.991972	0.883322	-1.13466	0.706412	0.914007	-1.09301	0.446763	0.384914	0.767553	1
cg11239614	CBorf22		0.874821	0.53396	0.529986	-1.88684	0.289553	0.330219	-3.02829	0.981894	1.02314	1.02314	0.999609	0.999506	-1.00049	0.329388	0.362567	-2.75811				0.400024	0.419659	-2.38288	0.367345	0.393237	-2.54299	0.357522	0.385303	-2.59536	0.870532	0.8484	-1.17869	0.45576	7.17195	14.3016	1
cg04102622	NFIX		0.874895	0.199864	2.70987	2.70987	0.708233	1.07317	1.07317	0.344364	1.79719	1.79719	0.780842	1.22673	1.22673	0.732253	0.647861	-1.41157	-1.41157				0.729384	1.37247	1.37247	0.876056	0.915161	-1.09267	0.765511	0.837907	-1.19407	0.445972	0.792655	-1.26186	0.945901	0.669886	1.3354	1
cg19642402	PSTPIP1;PSTPIP1		0.874897	0.273407	0.344005	-2.90693	0.570637	0.584755	-1.71012	0.72567	0.719055	-1.39071	0.852752	0.840338	-1.19	0.500728	0.527367	-1.89621				0.584156	0.596033	-1.67776	0.342118	0.399967	-2.50021	0.203198	0.284356	-3.51672	0.919965	0.910199	-1.09866	0.44564	0.18618	12.3392	1
cg00639250	VAMP1;VAMP1;VAMP1		0.874904	0.888885	0.905684	-1.10414	0.748503	1.25603	1.25603	0.584885	0.676443	-1.47832	0.680741	1.34069	1.34069	0.950991	1.04455	1.04455	0.35246	1.97003	1.97003	0.206018	0.388559	-2.57361	0.936109	1.05846	1.05846	0.767516	1.23378	1.23378	0.443653	3.54427	7.06967	1
cg05838854	NAGK		0.874941	0.486751	1.23296	1.23296	0.480906	0.825386	-1.21094	0.978523	0.893929	-1.06631	0.938854	1.12946	1.12946	0.751595	0.930629	-1.07448	0.972471	1.00784	1.00784	0.245759	0.78831	-1.31872	0.266627	0.782855	-1.27738	0.998623	0.99961	-1.00039	0.645572	0.361162	0.720496	1
cg17981742	C5orf56		0.874945	0.408282	0.75907	-1.3174	0.420456	0.764715	-1.30768	0.653015	0.862869	-1.15893	0.619872	0.849617	-1.177	0.868171	0.947299	-1.05563	0.398158	0.754317	-1.3257	0.158093	0.612	-1.63399	0.956268	0.982286	-1.01803	0.539719	0.816812	-1.22427	0.445565	0.749577	1.49538	1
cg03492747	FOXI1		0.874971	0.523924	1.90855	1.90855	0.538521	1.3408	1.3408	0.19755	1.66959	1.66959	0.502405	1.24183	1.24183	0.505368	0.812861	-1.23061	0.854663	1.1444	1.1444	0.713185	0.870564	1.14868	0.873755	0.914455	1.09344	0.655937	1.02449	1.02449	0.244611	0.445559	0.999333	1.00367	1
cg05195017	NEU4;NEU4;NEU4;NEU4;NEU4		0.874995	0.850264	1.12224	1.12224	0.478116	1.52586	1.52586	0.360807	1.77409	1.77409	0.704823	0.830274	-1.20448	0.820375	0.870205	-1.14915	0.729999	1.23544	1.23544	0.241348	2.11369	2.11369	0.381008	1.73038	1.73038	0.831891	1.15019	1.15019	0.445557	0.62792	5.24272	1
cg23421970	C18orf21		0.874959	0.952966	0.975178	-1.02545	0.194753	1.79406	1.79406	0.90233	0.949029	-1.05371	0.421728	1.41869	1.41869	0.79861	1.11511	1.11511	0.449918	1.38829	1.38829	?	?	?	0.46718	1.37063	1.37063	0.829395	1.09634	1.09634	0.427004	1.09157	2.55635	1
cg23851952	FDX1		0.874967	0.489357	1.25126	1.25126	0.538521	1.3408	1.3408	0.19755	1.66959	1.66959	0.502405	1.24183	1.24183	0.505368	0.812861	-1.23061	0.854663	1.1444	1.1444	0.713185	0.870564	1.14868	0.873755	0.914455	1.09344	0.655937	1.02449	1.02449	0.244611	0.445559	0.999333	1.00367	1
cg04949800	ZC3H12D		0.874968	0.571382	0.594275	-1.68272	0.612769	0.628537	-1.591	0.510402	0.544738	-1.83575	0.569676	0.592875	-1.6867	0.204067	0.295379	-3.38548	0.326627	0.397959	-2.51282	0.353633	0.421819	-2.37068	0.443208	0.491077	-2.03634	0.970163	0.966543	-1.03462	0.445529	0.84105	11.6537	1
cg19977169	TPO52;TPO52		0.875015	0.67395	0.842002	-1.18753	0.514059	0.729007	-1.37142	0.529119	0.748479	-1.33674	0.763074	0.874009	-1.14393	0.782766	0.915751	-1.09211	0.849584	0.907932	1.10163	0.945455	0.914838	1.09343	0.892951	0.9336	1.07098	0.945625	0.93825	1.06603	0.914425	0.920071	1.08676	0.978736	0.978736	0.220041	0.443867	1
cg10656255	DET1;DET1;DET1		0.875017	0.569453	1.39022	1.39022	0.566847	0.717675	-1.39339	0.781066	1.17312	1.17312	0.397183	1.64348	1.64348	0.537521	0.699237	-1.43013	0.956241	0.969044	-1.03194	0.685577	1.2627	1.2627	0.234419	2.0427	2.0427	0.923288	0.946301	-1.05675	0.445452	2.31683	4.62318	1
cg12622986	BARH1;BARH1		0.875019	0.637213	0.853269	-1.17196	0.41866	0.71791	-1.31791	0.802094	0.994953	-1.00564	0.501294	0.796131	-1.25616	0.524152	0.66904	-1.49504	0.159802	0.731552	1.36758	0.364202	0.745958	1.34092	0.744224	0.814524	1.22763	0.849685	0.844598	1.18341	0.445565	0.782212	1.27887	2.55787	1
ch.3.9947248	SMARCC1		0.875028	0.243117	0.622899	1.6054	0.436432	0.735154	-1.36029	0.818683	0.913115	-1.09515	0.670085	0.875264	1.1356	0.329406	0.673895	-1.48391	0.995072	1.00206	1.00206	0.975882	1.06413	0.93965	0.932502	1.01502	1.01502	0.633475	0.834863	1.19798	0.445453	0.910952	1.09852	2.11453	1
cg22562040	ZBTB8		0.875036	0.710971	0.864242	-1.15708	0.845523	0.926386	-1.07946	0.414043	1.38724	1.38724	0.810494	0.91013	-1.09874	0.704651	0.861328	-1.161	0.976828	0.988679	-1.01145	0.610399	1.22315	1.22315	0.16783	1.77932	1.77932	0.768844	1.12246	1.12246	0.445422	1.08401	2.16325	1
cg10730703	ZNF70;ZNF70		0.875039	0.552353	1.11826	1.11826	0.298507	1.18541	1.18541	0.27645	1.02014	1.02014	0.983955	1.00493	1.00493	0.527437	0.861138	-1.16125	0.46611	1.14778	1.14778	0.495775	0.879391	-1.1375	0.922571	0.91823	1.09021	0.918823	0.457463	0.868826	-1.15098	0.445419	0.243613	0.808166	0.48616	1
cg16863212	UFM1		0.875043	0.27926	1.89013	1.89013	0.609787	0.747277	-1.33819	0.892608	1.07944	1.07944	0.55534	1.4016	1.4016	0.224964	2.05713	2.05713	0.744254	1.21251	1.21251	0.904766	1.07009	0.864626	1.10139	1.10139	0.696308	0.800922	1.24856	0.445412	2.25954	4.50927	1
cg12595736	C1orf63;C1orf63		0.875053	?	?	?	0.985032	1.02503	1.02503	0.906682	1.16716	1.16716	0.564084	2.16305	2.16305	?	?	?	0.729384	0.538912	-1.85552	0.979655	0.966952	-1.03418	0.218204	0.290553	-3.43989	0.745795	1.53608	1.53608	0.395009	0.849516	17.4961	1
cg02699780	DYNLL1;SRS9		0.875061	0.64569	0.868728	-1.15111	0.435103	1.27388	1.27388	0.384887	1.10311	1.10311	0.986455	1.00511	1.00511	0.932051	0.97441	-1.02626	0.646294	0.868955	-1.15081	0.29404	0.717474	-1.39378	0.725237	0.889285	-1.11323	0.646653	1.15063	1.15063	0.445384	0.651818	2.30089	1
cg20319264	NIPSNAP1		0.875065	0.681043	1.10423	1.10423	0.202487	1.38099	1.38099	0.371935	1.03946	1.03946	0.439215	0.827560	-1.20836	0.687474	1.10188	1.10188	0.954268	1.01385	1.01385	0.921605	0.976503	-1.02406	0.783743	1.06822	1.06822	0.460568	0.83508	-1.19749	0.445377	0.405953	0.810205	1
cg00419967	PLEKHA7		0.875075	0.513059	0.720222	-1.38846	0.703861	0.974499	-1.02617	0.921198	1.20409	1.20409	0.17948	0.842917	1.10314	0.34974	0.673757	-1.48501	0.989608	1.00628	1.00628	0.946004	1.15298	1.15298	0.307903	1.07088	1.07088	-1.39259	0.981758	1.55867	1.55867	0.445362	0.744612	3.44612	1
cg19019804	OTOP2;USH1G		0.875108	0.904124	0.96901	-1.03198	0.593907	0.868002	-1.15207	0.241592	1.3805	1.3805	0.903322	0.968754	-1.03225	0.818649	1.06185	1.06185	0.659487	0.890526	-1.12293	0.73443	0.914848	-1.09308	0.303131	0.755683	-1.32331	0.921613	0.974615	-1.02605	0.439859	0.46536	0.82287	1
cg25169790	KIAA0195		0.875163	0.551263	1.70561	1.70561	0.873904	1.15104	1.15104	0.728285	1.86169	1.86169	0.361911	0.518629	0.560155	-1.78522	0.556233	1.69404	1.69404	0.220722	0.319743	-3.12751	0.599545	0.716257	1.39594	0.562892	0.649491	1.54893	1.49964	1.49964	0.445308	0.553216	1.01429	1
cg04612075	FOXK1		0.875171	0.365407	0.96517	1.96517	0.870497	1.12584	1.12584	0.669727	1.32748	1.32748	0.409135	1.84644	1.84644	0.548802	1.55381	1.55381	0.995872	1.00206	1.00206	0.975882	1.06413	0.93965	0.932502	1.01502	1.01502	0.633475	0.834863	1.19798	0.445453	0.910952	1.09852	2.11453	1
cg01106040	ZXDC;ZXDC		0.875122	0.90131	0.888465	-1.12554	0.662523	0.657955	-1.51986	0.710886	1.42606	1.42606	0.671005	0.665447	-1.50275	0.487435	1.95917	1.95917	?	?	?	0.962735	0.956439	-1.04554	0.247799	0.16385	3.16385	0.404128	0.452362	0.445422	1.08401	2.16325	1
cg08013284	LBH		0.875132	0.616436	0.8205	-1.21879	0.503161	0.740491	-1.35091	0.907228	1.32353	1.32353	0.350398	1.20939	1.20939	0.352653	0.741273	1.34908	0.568843	1.12064	1.12064	0.467594	0.863988	-1.15742	0.617885	1.10459	1.10459	0.704351	0.927368	-1.07812	0.464272	0.29759	0.550774	1
cg06206670	ATP11A;ATP11A		0.875147	0.449906	0.495041	-2.02003	0.196329	0.287171	-3.48224	0.854328	0.845488	-1.18275	0.928279	0.921073	-1.08569	0.363056	0.425844	-2.34828	0.456723	0.504778	-1.99809	0.401448	0.456458	-2.19078	0.720948	0.72069	-1.38756	0.850833	0.81859	1.18759	0.445249	0.588105	11.7408	1
cg10612867	TMEM34		0.875153	0.599827	1.27651	1.27651	0.577043	0.744	-1.34409	0.900264	1.26666	1.26666	0.550256	1.40581	1.40581	?	?	?	0.943254	1.05121	1.05121	0.904766	1.18258	1.18258	0.0796775	1.55226	1.55226	0.965574	1.03467	1.03467	0.445078	0.277166	0.882247	1
cg24885126	RHOU;RHOU		0.875158	0.404064	1.4556	1.4556	0.67734	0.832348	-1.20142	0.830452	1.09853	1.09853	0.980128	1.01097	1.01097	0.72937	1.16447	1.16447	0.787491	1.12573	1.12573	0.319043	0.635407	-1.5738	0.717595	1.17263	1.17263	0.316038	1.57859	1.57859	0.439737	1.30893	2.31515	1
cg19740096	EPHD1		0.875171	0.252167	0.636092	-1.5721	0.394914	0.879383	-1.13716	0.464678	0.754692	-1.32504	0.44292	0.743879	-1.3443	0.998605	0.999382	-1.00062	0.685472	0.857275	-1.16649	0.199979	0.599258	-1.66873	0.801929	0.909315	-1.09973	0.942837	1.02749	1.02749	0.445211	1.00861	2.01375	1
cg22795027	RPL37A		0.875179	0.449603	0.83778	-1.19373	0.708054	0.766466	-1.30452	0.712152	0.828059	-1.20756	1.11586	1.11586	0.889464	1.10702	1.10702	1.10702	0.944974	0.973757	-1.02691	0.737257	0.909006	1.10036	0.142545	0.881632	1.13426	0.830644	0.937907	-1.0662	0.608761	1.14448	0.445199	0.338185	0.840185	0.862066	1
cg10442703	HELZ		0.875184	0.938474	0.986834	-1.01334	0.624057	0.91869	-1.08851	0.960422	1.00856	1.00856	0.673887	1.07537	1.07537	0.603997	0.914084	-1.09399	0.654207	0.925514	-1.08048	0.824531	0.962593	-1.03886	0.894739	0.97753	-1.02299	0.14767	1.30564	1.30564	0.445192	0.207826	0.414954	1
cg18305546	NAA15;NAA15		0.875189	0.84658	1.10705	1.10705	0.640607	0.78318	-1.27683	0.766466	1.34235	1.34235	0.362555	0.560155	-1.78522	0.556233	0.709636	-1.40922	0.7116	1.12327	1.12327	0.313743	0.948372	-1.05452	0.893184	0.94961	1.05382	0.892	0.945181	1.0594	1.0594	0.445308	0.553216	1.01429	1
cg00116658	FAM89A		0.875192	0.589979	1.22149	1.22149	0.836798	0.92695	-1.07881	0.405833	0.731427	-1.36719	0.302834	1.45823	1.45823	0.691393	0.850632	1.1756	0.881809	0.946757	-1.05624	0.765027	0.891923	-1.12117	0.702905	1.15134	1.15134	0.36599	0.710652	1.40716	1.40716	0.953567	1.90404	1
cg02650941	SPATA2L		0.875221	0.661953	1.85087	1.85087	0.624566	1.99416	1.99416	0.609898	2.05463	2.05463	0.73673	0.623645	-1.60348	0.325501	0.241544	-4.14003	?	?	?	0.962735	0.956439	-1.04554	0.247799	0.16385	3.16385	0.404128	0.452362	0.445415	13.8063	27.5687	1
cg24157445	TTTY15		0.875224	0.288484	0.700557	-1.42788	0.307955	0.242	-4.13135	0.985495	1.10187	1.10187	0.414138	1.78844	1.78844	0.702769	0.593947	-1.68387	0.568843	1.12064	1.12064	0.467594	0.863988	-1.15742	0.617885	1.10459	1.10459	0.704351	0.927368	-1.07812	0.464272	0.29759	0.550774	1
cg10348920	PCNX		0.875253	0.466844	1.11955	1.11955	0.274487	0.71837	-1.18937	0.36134	1.15386	1.15386	0.462347	0.892356	-1.12088	0.881361	1.02304	1.02304	0.923694	0.985494	-1.01472	0.653687	1.07131	1.07131	0.572888	1.09078	1.09078	0.585574	1.0876	1.0876	0.445083	0.163983	0.327495	1
cg03147452	SETD8		0.875257	0.602202	1.20184	1.20184	0.7	0.820483	-1.21909	0.7	1.16778	1.16778	0.731778	0.729096	-1.37142	0.388625	0.577904	-1.73054	0.934756	1.01668	1.01668	0.246638	1.2774	1.2774	0.867632	0.968583	-1.03428	0.727598	0.931773	-1.07322	0.445015	0.28782	0.574901	1
cg05195700	SETBP1		0.875296	0.747311	0.936762	-1.06751	0.721991	0.930349	-1.07486	0.944087	1.01427	1.01427	0.586304	1.11744	1.11744	0.285364	0.799127	-1.25137	0.934756	1.01668	1.01668	0.246638	1.2774	1.2774	0.867632	0.968583	-1.03428	0.727598	0.931773	-1.07322	0.445015	0.28782	0.574901	1
cg06575951	RAB7A		0.875302	0.760078	0.886223	-1.12838	0.95238	0.976725	-1.02383	0.859997	0.932748	-1.0721	0.973694	1.01309	1.01309	0.89582	1.05302	1.05302	0.548906	1.2702	1.2702	1.12507	1.92254	1.92254	0.910771	1.0452	1.0452	0.628204	0.82495	-1.21219	0.445005	0.19601	0.218926	1
cg05336889	CIITA		0.875313	0.857214	1.08	1.08	0.875555	1.0806	1.0806	0.560626	0.914173	0.914173	0.954079	1.04714	1.04714	0.585253	1.36551	1.36551	0.836548	1.04714	1.04714	0.585253	1.36551	1.36551	0.836548	1.1491	1.1491	0.608349	1.4037	1.4037	0.280553	1.6491	1.85789	1.85789	0.444988	1.28678	2.57042	1
cg01758122	RASA3		0.875319	0.404599	0.285816	-3.49875	0.429068	0.30557	-3.27257	0.948947	1.0986	1.0986	0.355	0.24724	-4.04665	0.744281	0.618353	-1.6172	0.979273	1.03889	1.03889

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1211 vs. N)	Fold-Change(1211 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1347 vs. N)	p-value(1437 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg00516335	CLPB	0.876168	0.64684	0.685047	-1.6107	0.235466	0.276708	-3.61392	0.277773	0.311527	-3.21	0.908633	0.888138	-1.12595	0.899541	0.877651	-1.1394	0.701506	0.671697	-1.48877	0.926945	1.0994	1.0994	0.8169771	1.27069	1.27069	0.5111818	1.98878	0.448367	7.50233	15.0316	1
cg08820590	NOMO2;NOMO2	0.876171	0.662811	1.19885	1.19885	0.975885	0.987583	-1.01257	0.374683	0.686153	-1.4574	0.568922	1.2687	1.2687	0.252274	1.63943	1.63943	0.436858	1.38801	1.388001	0.8634667	0.931323	-1.07374	0.92254	1.04102	1.04102	0.6051564	1.24059	1.443641	1.20063	2.40561	1
cg10079801	C2orf18;C2orf18	0.876171	0.763616	0.857043	-1.1668	0.268412	0.540456	-1.85029	0.472143	0.683862	-1.46228	0.81746	1.12535	1.12535	7	7	7	0.549797	0.731571	-1.36692	0.730982	0.838024	-1.19328	0.552671	0.733299	-1.3637	7	7	0.378121	1.05434	1.59298	1
cg12482826	ZNRF1	0.876186	7	7	7	0.505831	0.834058	-1.1981	0.936105	1.0217	1.0217	0.178023	0.687723	-1.46687	0.964285	1.01206	1.01206	0.838598	1.05612	1.05612	0.9197386	0.979188	-1.02125	0.624305	0.876218	-1.14127	0.426594	0.804676	-1.24274	0.425065	0.428842	1.00889	1
cg24004330	APH1A;APH1A	0.876253	0.991542	0.982181	-1.01814	0.522498	0.318347	3.019315	0.585082	0.585082	0.731271	1.77182	1.77182	0.136509	2.24704	2.24704	2.24704	0.282695	0.146615	-6.8206	0.952382	0.930666	-1.10061	0.868644	1.32425	1.32425	0.811168	0.66613	-1.50121	0.431245	18.7159	28.9331	1
cg18005585	NTRK3;NTRK3;NTRK3	0.876267	0.232732	0.606565	1.64863	0.689637	0.851824	-1.17395	0.909158	0.955422	-1.04666	0.506005	0.763684	-1.30444	0.315296	0.660452	-1.51411	0.460145	0.740493	-1.35042	0.280261	0.63864	-1.56583	0.622931	0.820369	-1.21896	0.896705	0.949431	-1.05326	0.444491	1.12113	2.24708	1
cg07169003	PYN;PYN;PYN	0.876273	0.605177	1.23314	1.23314	0.411779	0.713744	-1.40106	0.541641	1.28181	1.28181	0.952617	1.02417	1.02417	0.701987	1.16706	1.16706	0.912611	0.956845	-1.0451	0.793589	1.11112	1.11112	0.236584	0.607546	-1.64597	0.593834	0.805495	-1.24147	0.443482	1.13415	2.27322	1
cg07045054	TMEM111	0.876282	0.663902	1.08123	1.08123	0.644625	1.08633	1.08633	0.837955	0.862802	-1.15901	0.545176	0.896583	-1.11535	0.400185	1.16595	1.16595	0.967238	1.00735	1.00735	0.9403188	0.967292	-1.01287	0.757788	0.946345	-1.0567	0.305226	0.827556	-1.20858	0.443467	0.231237	0.447458	1
cg08130668	C2orf73 GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;GNAS;G	0.876305	0.873595	0.895451	-1.11646	0.484262	1.63486	1.63486	0.337312	1.99216	1.99216	0.51372	1.5845	1.58275	0.6803	-1.46994	1.46994	0.329996	2.01663	2.016631	0.397028	1.82872	0.995037	1.00432	1.00432	0.829356	1.16151	1.163511	0.437917	3.26537	5.79957	1
cg22885821	NAS;GNAS	0.876309	0.974626	0.994524	-1.00551	0.664894	1.07814	1.07814	0.234593	1.23998	1.23998	0.496928	0.887742	-1.12645	0.816443	1.04096	1.04096	0.458665	0.877858	-1.13914	0.974355	1.00557	1.00557	0.992599	0.9984	-1.0016	0.441158	1.14523	1.14523	0.443425	0.209317	0.419596	1
cg16964025	PTPRN2;PTPRN2	0.876317	0.317918	0.51751	-1.91233	0.579358	0.699571	-1.42945	0.484575	0.635571	-1.57339	0.928519	0.944355	-1.05892	0.311102	0.527355	-1.89626	0.585588	1.42054	1.42054	0.384655	0.566227	-1.76608	0.650015	0.747157	-1.33841	0.82665	1.15022	1.15022	0.443412	2.85937	5.73205	1
cg18100827	CDGAP;CDGAP	0.876328	0.91375	1.10162	1.01302	0.957508	1.00638	1.00638	0.867799	0.980509	-1.02009	0.510128	0.923505	-1.08283	0.444001	1.09762	1.09762	0.762318	0.954142	-1.04804	0.824129	1.00954	1.00954	0.902681	0.955253	-1.04684	0.284129	1.14205	1.14205	0.443395	0.100869	0.200612	1
cg21968376	TCEANC	0.876329	0.644517	0.741204	-1.34916	0.168634	0.388478	-1.37415	0.69547	1.28863	1.28863	0.375864	0.694668	-1.43954	0.607337	1.01974	1.3967	0.695072	0.775747	-1.28908	0.691988	1.29261	1.29261	0.678774	1.30792	1.30792	0.900398	1.08406	1.08406	0.443393	2.91773	5.8493	1
cg23127998	FLRT3;MACROD2;FLRT3;FLRT3;FLRT3	0.876331	0.367365	1.4979	1.4979	0.754796	1.1465	1.1465	0.17985	1.86186	1.86186	0.406292	1.44878	1.44878	0.560646	1.29272	1.29272	0.794434	1.12069	1.12069	0.698884	0.843987	-1.18485	0.793816	1.12108	1.12108	0.954049	0.975168	-1.02546	0.443388	1.33713	2.68064	1
cg00788090	SOX9	0.876353	0.870524	1.02544	1.02544	0.658504	0.933803	-1.07089	0.753397	0.85802	-1.16582	0.05802	0.616085	1.08095	1.08095	0.300448	1.17963	1.17965	0.762318	0.950442	-1.0474	0.955395	1.00865	1.00865	0.774502	1.12704	1.12704	0.955735	-1.04522	0.207598	1.22704	2.22704	0.443366	0.183789	0.366746	0.333772	1
cg05578452	SQSTM1;SQSTM1;SQSTM1	0.876353	0.902099	0.957327	-1.04457	0.353463	1.4026	1.4026	0.51387	1.26441	1.26441	0.84508	0.933022	-1.07179	0.714037	1.13931	1.13931	0.948992	0.977584	-1.02293	0.96272	1.0167	1.0167	0.200117	0.6910015	-1.61547	0.977139	0.989897	-1.01021	0.443355	0.887189	1.76791	1
cg13176285	ZNF628;ZNF628;ZNF628 PSKE2;PSKE2;PSKE2;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(247 vs. N)	Fold-Change(247 vs. N)	p-value(347 vs. N)	Fold-Change(347 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563 vs. N)	Fold-Change(563 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg24362347	ALG14	0.877604	0.535204	0.834458	-1.09838	0.354674	0.760019	-1.31576	0.328801	0.7447915	-1.13705	0.324764	0.745979	-1.34052	0.323382	0.745313	-1.34372	0.813349	0.933409	-1.07134	0.772232	0.919759	-1.08724	0.707304	1.11483	1.11483	0.658848	0.879096	-1.13753	0.441385	0.580599	1.16925	1
cg09234567	GRAMD2	0.877652	0.350246	0.333751	-2.09625	0.477235	0.438323	-2.28142	0.421243	0.3915158	-2.55436	0.303105	0.295992	-3.37847	0.273558	0.272413	3.6709	0.649872	0.593583	1.68469	0.445169	0.411358	-2.43097	0.534184	0.487466	-2.05142	0.99136	0.987717	-1.01244	0.441309	0.10429	18.3379	1
cg08955618	NDST1	0.877668	0.772732	0.815339	-1.22648	0.838202	0.865763	-1.15505	0.262437	2.27907	2.27907	0.548925	0.53352	1.53352	0.477507	0.600999	-1.6639	0.893605	1.09893	1.09893	0.404478	0.54806	-1.82462	0.777864	1.22066	1.22066	0.683773	1.33471	1.33471	0.441285	3.47371	6.99716	1
cg12882762	STYX;STYX	0.877691	0.677982	1.1637	1.11637	0.734048	0.914171	-1.09395	0.296549	1.33021	1.33021	0.481904	1.32797	1.32797	0.39221	0.983637	-1.0166	0.767874	1.08116	1.08116	0.524742	1.18522	1.18522	0.368787	0.783992	-1.27552	0.557565	1.16925	1.16925	0.441248	0.485713	0.978463	1
cg03056405	MRPS26;GNRH2;GNRH2;GNRH2	0.877723	0.79173	1.08548	1.08548	0.543119	1.21019	1.21019	0.640965	1.15683	1.15683	0.636442	1.15902	1.15902	0.289261	1.40623	1.40623	0.234266	1.47174	1.47174	0.680904	0.870975	-1.13673	0.706654	0.889424	-1.12432	0.966505	0.98707	-1.0131	0.441198	0.671228	1.35233	1
cg26232945	PLEKHM3	0.877725	0.663377	0.705676	-1.41708	0.495948	1.73377	1.73377	0.398058	1.99121	1.99121	0.617959	1.49217	1.49217	0.482354	0.567341	-1.76323	0.703065	0.7431	-1.34571	0.424738	0.522633	-1.91339	0.704101	0.738064	-1.3549	0.633472	1.46578	1.46578	0.441195	4.42724	8.91971	1
cg10696832	TSPAN9;TSPAN9	0.877732	0.821728	0.921038	-1.08573	0.239156	0.638085	-1.56719	0.754115	0.8917795	-1.12133	0.851554	1.07066	1.07066	0.527408	1.26285	1.26285	0.904205	0.776834	-1.28728	0.449799	1.32403	1.32403	0.967553	1.01494	1.01494	0.607443	0.827903	-1.20787	0.441184	0.928182	1.87008	1
cg20754408	KDM5A;KDM5A;CCDC77;CCDC77	0.877741	0.509022	0.900118	-1.11097	0.600227	1.10559	1.11059	0.564115	1.07873	1.07873	0.484433	0.868544	-1.15155	0.519841	0.882509	-1.13331	0.561868	1.07839	1.07839	0.376451	0.908981	-1.25175	0.878398	0.970087	-1.03084	0.441169	0.274009	0.553899	1
cg21092867	XRS5	0.877769	0.792722	1.04956	1.30456	0.151524	0.21197	-4.71766	0.652058	0.6324405	-1.58126	0.954887	0.602773	-1.65907	0.677617	0.85593	-1.16832	0.602773	0.588578	-1.69901	7	0.762678	0.736582	-1.35762	0.693217	1.44022	1.44022	0.422557	0.06259	14.3474	1
cg00828689	PIGZ	0.877781	0.600436	1.43614	1.43614	0.462509	0.59916	-1.669	0.477622	0.609876	-1.63968	0.469119	0.603851	-1.65604	0.342918	0.51212	-1.95267	0.949149	0.957259	-1.04465	0.411958	0.562962	-1.77632	0.734542	0.792074	-1.26251	0.587805	1.45471	1.45471	0.441106	3.27696	6.60353	1
cg13092766	BCL2L11;BCL2L11;BCL2L11	0.877783	0.371023	0.3999	-2.50024	0.355552	1.02052	1.02052	0.897594	1.14874	1.14874	0.440602	1.34073	1.34073	0.355352	2.81448	2.81448	0.887791	0.85805	-1.16421	0.377355	0.375584	-2.66252	0.378005	0.806852	-1.45232	0.952007	1.00696	1.00696	0.435561	7.83077	19.8383	1
cg06528773	B3GAT3	0.877789	0.879524	0.926933	-1.07883	0.340387	0.611706	-1.63477	0.576489	0.7540706	-1.32613	0.585649	1.31702	1.31702	0.573703	0.752528	-1.32885	0.850012	0.909645	-1.09933	0.8955	1.06795	0.52151	1.38406	1.38406	0.344151	1.62817	1.62817	0.441094	1.74813	3.52283	1
cg15202245	MAP2K1	0.877807	0.770411	1.17156	1.17156	0.442218	0.654585	-1.52815	0.874642	0.9137918	-1.08942	0.278947	0.543849	-1.83875	0.502029	0.691621	-1.44577	0.820947	0.884567	-1.1305	0.521329	0.43026	-2.32486	0.419115	0.49386	-2.02465	0.818651	1.13231	1.13231	0.440965	2.04596	4.12147	1
cg19687358	DUSP4;DUSP4	0.877843	0.569695	0.726303	-1.37684	0.476783	1.49579	1.49579	0.547989	1.41492	1.41492	0.487861	0.675519	-1.48034	0.70435	0.808813	-1.23638	0.550744	0.59004	-1.6948	0.88893	0.925825	-1.08012	0.789329	1.16073	1.16073	0.489722	1.47779	1.47779	0.441009	2.16374	4.36119	1
cg10086212	DHH	0.87786	0.435204	0.269712	-3.70766	0.472854	3.32585	3.32585	0.920879	0.849144	-1.17766	0.535431	0.355942	-2.80944	0.422472	0.185967	-5.37731	0.389903	0.234533	-4.26379	0.69856	0.527018	-1.89747	0.870102	0.763858	-1.30914	0.644135	2.1503	2.1503	0.440982	18.9208	38.1386	1
cg12101494	AGAP1;AGAP1	0.877865	0.95114	1.04964	1.04964	0.539343	0.612261	-1.63329	0.896097	1.10889	1.10889	0.576242	1.59271	1.59271	0.393147	1.99013	1.99013	0.912359	1.0091	1.0091	0.293341	2.36754	2.36754	0.287883	2.49053	2.49053	0.846609	1.16547	1.16547	0.440981	4.36592	8.80042	1
cg18155359	MACF1	0.877863	0.349771	0.661855	-1.51091	0.766275	0.13635	7.13635	0.721952	0.8579481	-1.16557	0.344691	0.658797	-1.51792	0.870111	0.932234	-1.07269	0.228501	0.581618	-1.71934	0.897898	0.946441	-1.05659	0.993527	0.996527	-1.00348	0.678904	1.19541	1.19541	0.440977	1.28411	2.5884	1
cg24641412	DHRS7	0.877902	0.369913	0.43482	2.30004	0.435908	0.810461	-1.23216	0.787531	0.9015467	-1.10946	0.639833	0.83426	-1.19867	0.359947	1.43616	1.43616	0.677163	1.17467	1.17467	0.294586	1.51888	1.51888	0.952389	1.02313	1.02313	0.974015	0.987554	1.0126	0.440916	1.03239	2.08813	1
cg23185262	PDK4	0.877984	0.923854	1.02996	1.02996	0.557229	1.20144	1.20144	0.954971	1.01759	1.01759	0.579933	1.5884	1.5884	0.342051	2.02988	2.02988	0.451217	1.26744	1.26744	0.111026	1.69451	1.69451	0.946945	0.979663	-1.02076	0.90049	1.03938	1.03938	0.440786	0.665484	1.34201	1
cg13243377	CNOT7;VPS37A;VPS37A;CNOT7	0.878	0.762668	0.961809	-1.03971	0.330161	1.13791	1.13791	0.380315	1.12266	1.12266	0.362904	0.886719	-1.12775	0.568238	1.07697	1.07697	0.757376	1.04065	1.04065	0.785118	1.03576	1.03576	0.715545	0.954035	-1.04818	0.874435	0.979873	-1.02054	0.44076	0.115392	0.232714	1
cg08602214	RHOBTB2;RHOBTB2;RHOBTB2	0.878013	0.430248	1.55072	1.55072	0.240324	0.73572	-1.35972	0.387858	0.7263725	-1.37571	1.88576	1.88576	0.361629	1.66692	1.66692	0.870959	1.09083	1.09083	1.09083	0.20263	0.512495	1.43614	1.43614	0.485397	1.47151	1.47151	0.775354	1.49075	1.49075	0.44074	0.27264	4.18011	1
cg27527930	B3GNTL1	0.878024	0.602284	1.17043	1.17043	0.721262	0.895849	-1.11278	0.330698	1.35042	1.35042	0.825342	0.595988	-1.06839	0.90117	1.03789	1.03789	0.752548	0.90965	-1.09932	0.33686	1.44097	1.44097	0.531882	1.20868	1.20868	0.467511	0.801498	-1.24766	0.442004	0.625323	1.26121	1
cg19486707	RNG1;MIR4219-1	0.878032	0.752627	1.10031	1.10031	0.75262	1.15481	1.15481	0.854858	1.05315	1.05315	0.874362	0.917918	-1.08942	0.781991	1.15381	1.15381	0.811905	1.11905	1.11905	0.807157	1.03999	1.03999	0.916099	0.982195	1.01804	0.977417	-1.02252	0.861464	1.0284	0.441947	0.24096	4.12147	1
cg04653083	SEPT6;SEPT6;SEPT6;SEPT6	0.878057	0.316272	0.317974	-3.14491	0.376339	0.36642	-2.72911	0.404832	0.388624	-2.56658	0.538751	0.99026	1.99026	0.70349	0.655149	-1.52637	0.358316	0.351832	-2.84227	0.639564	0.593565	-1.68474	0.947212	0.929394	-1.07597	0.965939	0.953875	-1.04835	0.440671	0.535533	17.2168	1
cg06942314	KIAA0132	0.878075	0.907418	1.13779	1.13779	0.695144	1.58455	1.58455	0.56887	1.11045	1.11045	0.82946	1.81961	1.81961	0.331264	1.91026	1.91026	0.43009	2.45087	2.45087	0.137795	0.50805	0.579542	1.86249	1.86249	0.282241	1.48039	1.48039	0.440135	0.30495	0.814456	1
cg00776240	ADAMTS19	0.878105	0.401109	0.275257	3.63413	0.423133	0.582384	-1.71661	0.658434	0.887888	-1.12627	0.554557	0.10868	-9.20311	0.254357	0.15488	-6.45662	0.312359	0.0291	34.35741	0.158006	0.236544	4.22315	0.248643	0.958206	1.04359	1.04359	0.647819	-1.54364	0.442022	0.63544	1.44041	2.88042	1
cg13739116	SNORA17;SNHG7;SNHG7;SNHG7	0.878122	0.70643	0.637277	-1.56918	0.298887	1.62621	1.62621	0.423732	2.65196	2.65196	0.463542	2.43556	2.43556	0.911315	1.14177	1.14177	0.950783	1.07621	1.07621	0.26092	4.07204	4.07204	0.845274	1.26178	1.26178	0.863643	0.815007	-1.22698	0.43503	0.54918	17.0727	1
cg11945107	SRPX8	0.878153	0.741005	0.91015	1.0905	0.843284	0.882462	-1.13326	0.767531	0.9762642	-1.02432	0.818073	0.973475	-1.02703	0.845627	0.966052	-1.03509	0.618272	1.1428	1.1428	0.154833	0.737789	1.35565	1.35565	0.847275	1.18163	1.18163	0.812655	1.23205	0.620362	1.13935	1.13935	0.44052	0.474272	0.96103	1
cg07922750	UNK1	0.878153	0.401707	0.835179	-1.19735	0.626657	0.902244	-1.10835	0.332501	1.2386	1.2386	0.580553	0.889476	-1.12426	0.899924	1.02675	1.02675	0.673059	0.91479	-1.09315	0.620889	1.11049	1.11049	0.549191	0.880574	-1.13562	0.622484	1.10975	1.10975	0.440735	0.307235	0.619946	1
cg01030180	CHP;EXD1	0.878158	0.908841	0.979007	-1.02144	0.923173	1.01803	1.01803	0.836261	0.96239	-1.03908	0.729193	1.06649	1.06649	0.682871	1.07905	1.07905	0.929947	0.983846	-1.01642	0.994878	0.998812	-1.00119	0.397025	1.17426	1.17426	0.123076	1.3575	1.3575	0.440511	0.239362	0.482998	1
cg08602214	RHOBTB2;GMPPA;GMPPA;GMPPA	0.878178	0.439599	1.55072	1.55072	0.240324	0.73572	-1.35972	0.387858	0.7263725	-1.37232	1.88576	1.88576	0.361629	1.66692	1.66692	0.870959	1.09083	1.09083	1.09083	0.20263	0.512495	1.43614	1.43614	0.485397	1.47151	1.47151	0.775354	1.49075	1.49075	0.44074	0.27264	4.18011	1
cg02594498	CYFIP1	0.878181	0.769065	0.953347	-1.04894	0.499123	1.11777	1.11777	0.404632	1.14841	1.14841	0.580865	0.709472	1.09472	0.81751	0.963186	-1.03822	0.486027	1.12173	1.12173	0.436908	0.879239	-1.13735	0.497784	0.894315	-1.11817	0.671265	1.07173	1.07173	0.440475	0.183712	0.370736	1
cg05295671	RNF219	0.878353	0.268133	0.24897	2.69012	0.370447	0.396196	-2.53121	0.388777	0.3704324	0.353647	0.578984	0.900044	-1.11124	0.812444	1.12144	1.12144	0.747482	0.894882	1.11802	0.488037	1.47482	1.47482	0.884927	1.13183	1.13183	0.884927	1.17993	1.17993	0.440853	1.18315	1.17313	1
cg04662703	CHFR;CHFR;CHFR;CHFR;CHFR	0.87823	0.6277	1.28628	1.28628	0.341728	1.65643	1.65643	0.4144	1.53695	1.53695	0.341041	1.65769	1.65769	0.864051	1.0923	1.0923	0.665574	1.2511	1.2511	0.200698	2.00617	2.00617	0.484904	1.44141	1.44141	0.603664	1.3097	1.3097	0.440398	1.85099	3.73599	1
cg01804679	MTMR9L	0.878282	0.513922	1.33064	1.33064	0.504234	0.746423	-1.33972	0.511164	0.750069	-1.33121	0.767654	0.87998	-1.13639	0.878695	0.936215	-1.06813	0.507473	0.748129	-1.33667	0.332542	0.649606	-1.53939	0.434215	0.708684	-1.41107	0.336742	0.652187	-1.5333	0.440315	0.304955	0.814456	1
cg20306754	DNAH17	0.878284	0.872041	1.0906	1.0906	0.532343	0.622305	-1.60685	0.478235	1.34023	1.34023	0.409498	1.46862	1.46862	0.504639	0.98237	-1.01767	0.647042	1.19026	1.19026	0.114506	1.53996	1.53996	0.905141	0.952751	-1.04961	0.755166	0.880684	-1.13548	0.441049	1.15092	2.32256	1
cg19493651	B3GNT2 KBTBD3;KBTBD3;AASDHPPT;KBTBD3;KB	0.878291	0.895642	0.893906	-1.11869	0.451305	0.518983	-1.92685	0.525103	0.576741	-1.73388	0.680718	1.42419	1.42419	0.642538	1.49104	1.49104	0.692498	1.40452	1.40452	0.496848	1.8032	1.8032	0.449887	1.93096	1.93096	0.406914	0.484301	-2.06483	0.440301	5.09318	10.2822	1
cg09602562	TBO3	0.878293	?	?	?	0.998595	1.00241	1.00241	0.474734	0.370991	-2.69548	0.816778	0.72839	-1.37289	0.263213	0.53273	0.53273	?	?	?	0.995205	1.00823	1.00823	0.916508	0.866646	-1.15387	0.650056	0.535361	1.8679	1.38979	0.815191	18.7274	1
cg12142403	TMEM65	0.878306	0.60034	2.07944	2.07944	0.348755	3.80348	3.80348	0.211613	6.18671	6.18671	0.847186	1.30628	1.30628	0.687525	1.75059	1.75059	0.838142	1.32745	1.32745	0.57438	0.455735	-2.19426	0.413523	1.1826	1.1826	0.684943	1.75926	1.75926	0.440277	13.3734	27	1
cg10316660	BMS1;BMS1	0.878311	0.165544	1.36599	1.36599	0.15317	0.68639	-1.45648	0.37	0.7263725	-1.37571	1.88576	1.88576	0.361629	1.66692	1.66692	0.870959	1.09083	1.09083	1.09083	0.20263	0.512495	1.43614	1.43614	0.485397	1.47151	1.47151	0.775354	1.49075	1.49075	0.44074	0.27264	4.18011	1
cg08359717	ZBTB20;ZBTB20	0.878317	0.681579	0.864882	-1.15623	0.486733	0.778954	-1.28403	0.706386	0.728971	-1.3718	0.308444	0.690104	-1.44906	0.675324	0.15976	-6.25917	0.806498	0.917373	-1.09019	0.615249	1.19519	0.828317	0.92643	-1.07941	0.349269	0.712458	-1.40359	0.44026	0.86325	1.74201	1
cg26144659	CDL11;KIZ;CDL11;KIZ;CDL11;KIZ	0.878324	0.761841	1.15262	1.15262	0.712431	0.782193	-1.27859	0.761001	0.720327	-1.38826	0.706313	0.891721	-1.12167	0.554557	1.03868	1.03868	0.731246	?	?	?	0.954447	1.03868	1.03868	0.958206	1.04359	1.04359	0.647819	-1.54364	0.442022	0.63544	1.44041	2.88042	1
cg12428326	ZHX3	0.878333	0.672708	0.737406	-1.3561	0.395771	0.536071	-1.86542	0.758806	1.24707	1.24707	0.770109	1.22576	1.22576	0.359133	0.508655	-1.96597	0.950783	1.07621	1.07621	0.26092	4.07204	4.07204	0.845274	1.26178	1.26178	0.863643	0.815007	-1.22698	0.43503	0.54918	17.0727	1
cg26946833	LYPD6B	0.878353	0.744084	1.10272	1.10272	0.682546	1.50923	1.50923	0.526021	1.07626	1.07626	0.476137	0.836167	0.940073	-1.06353	0.919146	1.08767	0.618272	1.1428	1.1428	0.154833	0.737789	1.35565	1.35565	0.847275	1.18163	1.18163	0.812655	1.23205	0.620362	1.13935	1.13935	0.44052	0.474272	0.96103	1
cg07922750	UNK1	0.878353	0.401707	0.835179	-1.19735	0.626657	0.902244	-1.10835	0.332501	1.2386	1.2386	0.580553	0.889476	-1.12426	0.899924	1.02675	1.02675	0.673059	0.91479	-1.09315	0.620889	1.11049	1.11049	0.549191	0.880574	-1.13562	0.622484	1.10975	1.10975	0.440735	0.307235	0.619946	1
cg01030180	CHP;EXD1	0.878358	0.908841	0.979007	-1.02144	0.923173	1.01803	1.01803	0.836261	0.96239	-1.03908	0.729193	1.06649	1.06649	0.682871	1.07905	1.07905	0.929947	0.983846	-1.01642	0.994878	0.998812	-1.00119	0.397025	1.17426	1.17426	0.123076	1.3575	1.3575	0.440511	0.239362	0.482998	1
cg18787126	GMPPA;GMPPA;GMPPA;GMPPA	0.878378	0.439599	1.55072	1.55072	0.240324	0.73572	-1.35972	0.387858	0.7263725	-1.37232	1.88576	1.88576	0.361629	1.66692	1.66692	0.870959	1.09083	1.09083	1.09083	0.20263	0.512495	1.43614	1.43614	0.485397	1.47151	1.47151	0.775354	1.49075	1.49075	0.44074	0.27264	4.18011	1
cg02594498	CYFIP1	0.878381	0.769065	0.953347	-1.04894	0.499123	1.11777	1.11777	0.404632	1.14841	1.14841	0.580865	0.709472	1.09472	0.81751	0.963186	-1.03822	0.486027	1.12173	1.12173	0.436908	0.879239	-1.13735	0.497784	0.894315	-1.11817	0.671265	1.07173	1.07173	0.440475	0.183712	0.370736	1
cg05295671	RNF219	0.878383	0.268133	0.24897	2.69012	0.370447	0.396196	-2.53121	0.388777	0.3704324	0.353647	0.578984	0.900044	-1.11124	0.812444	1.12144	1.12144	0.747482	0.894882	1.11802	0.488037	1.47482	1.47482	0.884927	1.13183	1.13183	0.884927	1.17993	1.17993	0.440853	1.18315	1.17313	1
cg04662703	CHFR;CHFR;CHFR;CHFR;CHFR	0.87823	0.6277	1.28628	1.28628	0.341728	1.65643	1.65643	0.4144	1.53695	1.53695	0.341041	1.65769	1.65769	0.864051	1.0923	1.0923	0.665574	1.2511	1.2511	0.200698	2.00617	2.00617	0.484904	1.44141	1.44141	0.603664	1.3097	1.3097	0.440398	1.85099	3.73599	1
cg01804679	MTMR9L	0.878282	0.513922	1.33064	1.33064	0.504234	0.746423	-1.33972	0.511164	0.750069	-1.33121	0.767654	0.87998	-1.13639	0.878695	0.936215	-1.06813	0.507473	0.748129	-1.33667	0.332542	0.649606	-1.53939	0.434215	0.708684	-1.41107	0.336742	0.652187	-1.5333	0.440315	0.304955	0.814456	1
cg20306754	DNAH17	0.878284	0.872041	1.0906	1.0906	0.532343	0.622305	-1.60685	0.478235	1.34023	1.34023	0.409498	1.46862	1.46862	0.504639	0.98237	-1.01767	0.647042	1.19026	1.19026	0.114506	1.53996	1.53996	0.905141	0.952751	-1.04961	0.755166	0.880684	-1.13548	0.441049	1.15092	2.32256	1
cg19493651	B3GNT2 KBTBD3;KBTBD3;AASDHPPT;KBTBD3;KB	0.878291	0.895642	0.893906	-1.11869	0.451305	0.518983	-1.92685	0.525103	0.576741	-1.73388	0.680718	1.42419	1.42419	0.642538	1.49104	1.49104	0.692498	1.40452	1.40452	0.496848	1.8032	1.8032	0.449887	1.93096	1.93096	0.406914	0.484301	-2.06483	0.440301	5.09318	10.2822	1
cg09602562	TBO3	0.878293	?	?	?	0.998595	1.00241	1.00241	0.474734	0.370991	-2.69548	0.816778	0.72839	-1.37289	0.263213	0.53273	0.53273	?	?	?	0.995205	1.00823	1.00823	0.916508	0.866646	-1.15387	0.650056	0.535361	1.8679	1.38979	0.815191	18.7274	1
cg12142403	TMEM65	0.878306	0.60034	2.07944	2.07944	0.348755	3.80348	3.80348	0.211613	6.18671	6.18671	0.847186	1.30628	1.30628	0.687525	1.75059	1.75059	0.838142	1.32745	1.32745	0.57438	0.455735	-2.19426	0.413523	1.1826	1.1826	0.684943	1.75926	1.75926	0.440277	13.3734	27	1
cg10316660	BMS1;BMS1	0.878311	0.165544	1.36599	1.36599	0.15317	0.68639	-1.45648	0.37	0.7263725	-1.37571	1.88576	1.88576	0.361629	1.66692	1.66692	0.870959	1.09083	1.09083	1.09083	0.20263	0.512495	1.43614	1.43614	0.485397	1.47151	1.47151	0.775354	1.49075	1.49075	0.44074	0.27264	4.18011	1
cg08359717	ZBTB20;ZBTB20	0.878317	0.681579	0.864882	-1.15623	0.486733	0.778954	-1.28403	0.706386	0.728971	-1.3718	0.308444	0.690104	-1.44906	0.675324	0.15976	-6.25917	0.806498	0.917373	-1.09019	0.615249	1.19519	0.828317	0.92643	-1.07941	0.349269	0.712458	-1.40359	0.44026	0.86325	1.74201	1
cg26144659	CDL11;KIZ;CDL11;KIZ;CDL11;KIZ	0.878324	0.761841	1.15262	1.15262	0.712431	0.782193	-1.27859	0.761001	0.720327	-1.38826	0.706313	0.891721	-1.12167	0.554557	1.03868	1.03868	0.731246	?	?	?	0.954447	1.03868	1.03868	0.958206	1.04359	1.04359	0.647819	-1.54364	0.442022	0.63544	1.44041	2.88042	1
cg12428326	ZHX3	0.878333	0.672708	0.737406	-1.3561	0.395771	0.536071	-1.86542	0.758806	1.24707	1.24707	0.770109	1.22576	1.22576	0.359133	0.508655	-1.96597	0.950783	1.07621	1.07621	0.26092	4.07204	4.07204	0.845274	1.26178	1.26178	0.863643	0.815007	-1.22698	0.43503	0.54918	17.0727	1
cg26946833	LYPD6B	0.878353	0.744084	1.10272	1.10272	0.682546	1.50923	1.50923	0.526021	1.07626	1.07626	0.476137	0.836167	0.940073	-1.06353	0.919146	1.08767	0.618272	1.1428	1.1428	0.154833	0.737789	1.35565	1.35565	0.847275	1.18163	1.18163	0.812655	1.23205	0.620362	1.13935	1.13935	0.44052	0.474272	0.96103	1
cg19191399	SLC25A24;SLC25A24	0.878371	0.958756	0.909119	-1.09955	0.493343	0.612264	-1.63329	0.896097	1.10889	1.10889	0.576242	1.59271	1.59271	0.393147	1.99013	1.99013	0.912359	1.0091	1.0091	0.293341	2.36754	2.36754	0.287883	2.49053	2.49053	0.846609	1.16547	1.16547	0.440981	4.36592	8.80042	1
cg19534753	MYLK;MYLK;MYLK;MYLK;MYLK;MYLK	0.878381	0.597897	0.743183	-1.34556	0.327816	0.56934	-1.75642	0.538723	1.41495	1.41495	0.432711	1.56282	1.56282	0.749519	0.836415	-1.19558	0.515058	0.692036	-1.44501	0.525286	0.698402	-1.43184	0.881144	1.08702	1.08702	0.722383	1.2201	1.2201	0.440159	2.16791	4.37804	1
cg23575320	FLVCR2	0.878383	0.316564	2.04645	2.04645	0.348746	3.80348	3.80348	0.211613	6.18671	6.18671	0.847186	1.30628	1.30628	0.687525

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	Fold-Change(217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. 537 vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	p-value(563T vs. 63T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg19162106	GPC5;GPC5	0.879691	0.563634	-4.64474	-1.55407	1.857383	0.83143	-1.13452	0.988398	0.98908	-1.01104	0.530744	0.610862	-1.61535	0.269976	0.42002	-2.38384	0.229847	0.439432	-2.27566	0.984479	0.985417	-1.0148	0.926767	1.30369	0.560704	1.55934	0.543085	3.95691	8.0287	1
cg25974626	RP9P	0.879706	0.972993	0.986869	-1.01331	0.751751	1.13192	1.13192	0.39965	0.714148	-1.40027	0.911457	0.957495	-1.04439	0.695917	1.16573	1.16573	0.203503	1.68892	1.68892	0.986373	1.00669	0.103311	0.958371	-1.04344	0.481893	0.75646	-1.32595	0.438062	1.05778	2.14638	1
cg15881906	DUSP5	0.879708	0.707131	0.863764	-1.15772	0.331935	0.678137	-1.47463	0.869404	0.938146	-1.06593	0.921812	0.962621	-1.03883	0.238706	1.61419	1.61419	0.695967	1.16461	1.16461	0.518313	0.775609	-1.28931	0.81305	1.09629	1.09629	0.95058	0.976236	-1.02434	0.438059	1.04462	2.11969	1
cg14135796	MSH5;MSH5;MSH5;MSH5	0.879741	0.430361	1.15091	1.15093	0.320064	0.83585	-1.19673	0.86486	0.97069	-1.0302	0.537505	1.04441	1.10443	0.653808	1.08203	1.08203	0.570789	1.904792	-1.10524	0.480417	0.882261	-1.13345	0.80699	1.04367	0.68005	1.07511	1.07511	0.483007	0.211574	0.429368	1.31	1
cg12639453	PIKCZ;PIKCZ;PIKCZ	0.879762	0.380351	0.570119	-1.75413	0.468351	1.58547	-1.58547	0.480618	1.56492	1.56492	0.730706	1.24088	1.24088	0.754589	0.768994	-1.3004	0.709316	1.26352	1.26352	0.933458	1.05355	1.05355	0.434858	1.64493	1.64493	0.393374	1.72656	1.72656	0.403973	2.70646	5.4929	1
cg25124211	CYFIP1;CYFIP1	0.879764	0.381363	0.553179	-1.81353	0.245969	0.447287	-2.2357	0.510628	0.642458	-1.55652	0.761033	0.22194	0.22194	0.462759	0.612545	-1.63253	0.526093	0.653498	-1.53025	0.475511	0.63809	-1.61798	0.763403	1.22376	1.22376	0.906032	0.924685	-1.08145	0.43797	3.04966	6.18949	1
cg22172115	EIF3G	0.87977	0.502	1.20606	1.20606	0.971357	1.00992	1.00992	0.697844	0.898279	-1.11324	0.385568	0.78302	-1.27711	0.602023	1.11566	1.11566	0.394846	1.27077	1.27077	0.366116	0.774672	-1.29087	0.951753	0.9835	-1.01678	0.869458	0.955781	-1.04627	0.437961	0.904193	0.524439	1.06441	1
cg11007962	AGAP1;AGAP1	0.879788	0.529629	0.707415	-1.41361	0.320635	1.43756	1.43756	0.95218	1.034	1.034	0.416163	0.637233	-1.56826	0.602085	1.34079	1.34079	0.748314	0.835719	-1.19657	0.990849	0.99727	-1.00367	0.346313	1.9657	1.9657	0.911047	1.06428	1.06428	0.437932	2.15542	4.37494	1
cg14281144	IGFBPL1	0.879788	0.443894	0.560963	-1.78265	0.509062	1.64228	1.64228	0.620085	1.44801	1.44801	0.713688	0.776533	-1.28778	0.618486	1.28715	1.28715	0.842165	-1.18742	0.357699	0.496325	-2.01481	0.513533	0.91305	1.09537	1.09537	0.834535	0.485464	-2.05898	0.983895	0.985162	0.110356	0.342304	3.72183	1
cg05506829	HTR2A;HTR2A	0.879792	0.391957	1.49114	1.49114	0.520066	1.34586	1.34586	0.761674	1.14863	1.14863	0.918942	1.04746	1.04746	0.627393	1.24961	1.24961	0.639502	1.23975	1.23975	0.119746	2.15757	2.15757	0.63052	1.24704	1.24704	0.771991	1.14152	1.14152	0.437925	1.4393	2.92146	1
cg12209386	PAOX;PAOX;PAOX;PAOX	0.879806	0.902223	0.978997	1.02179	0.244262	1.05547	1.05547	0.748328	1.05705	1.05705	0.776956	1.03976	1.03976	0.209568	1.20598	1.20598	0.565318	0.90449	-1.10546	0.44758	0.88004	-1.13614	0.943071	1.01234	0.276263	0.822343	1.21604	1.21604	0.893603	0.206879	0.719838	1
cg10224537	B3GALT1	0.879815	0.972557	1.01352	1.01352	0.499964	1.30651	1.30651	0.739945	0.878036	-1.13891	0.855125	1.03597	1.03597	0.237493	1.62134	1.62134	0.81254	0.911409	-1.09727	0.350271	1.45559	0.974325	0.974325	0.912465	1.01265	1.01265	0.359884	1.44421	1.44421	0.837889	1.05737	2.1464	1
cg12323564	RAP2C	0.879828	?	?	?	0.826463	0.71452	-1.39954	0.760356	0.626226	-1.59667	0.318605	0.48238	0.48238	0.915098	0.849936	-1.17731	?	?	?	?	1.90484	1.90484	0.274515	0.374571	-2.66972	?	?	?	0.360254	0.83923	28.349	1
cg19077165	KATNAL2	0.87984	0.814678	0.894715	-1.11767	0.270258	0.580481	-1.72271	0.221672	1.83788	1.83788	0.840454	1.1275	1.1275	0.724125	0.845434	-1.18282	?	0.778622	1.14286	1.14286	0.855756	1.09004	1.09004	0.902472	0.6598	1.0598	1.0598	0.997457	1.00151	1.00151	0.437849	1.55675	3.1604	1
cg17608529	DIP2C	0.879858	0.803443	1.21702	1.21702	0.359485	2.1002	2.1002	0.324573	2.22825	2.22825	0.518358	1.67482	1.67482	0.246001	2.60016	2.60016	0.320133	2.24586	2.24586	0.53625	1.63766	1.63766	0.75123	1.28465	1.28465	0.563477	1.58404	1.58404	0.470432	4.30113	8.73241	1
cg23717950	NUDT5;CDC123;NUDT5	0.879866	0.902651	1.00463	1.00463	0.948021	0.96954	-1.0314	0.290118	0.60055	-1.66403	0.791335	0.885343	-1.12951	0.941257	0.966359	-1.03477	0.598055	0.782211	-1.27808	0.872551	0.928243	-1.07731	0.448887	1.43039	1.43039	0.308612	1.6446	1.6446	0.437808	1.49172	3.02867	1
cg26183662	NFAT5;NFAT5;NFAT5;NFAT5;NFAT5;NF ATS;NFAT5;NFAT5;NFAT5;NFAT5	0.879881	0.598432	0.830472	-1.20413	0.243648	0.652856	-1.53173	0.647509	0.851371	-1.17458	0.605998	1.19945	1.19945	0.534266	1.24609	1.24609	0.807824	0.91835	-1.08891	0.825057	1.08045	1.08045	0.930431	1.03099	1.03099	0.394763	0.737376	-1.35616	0.437785	0.847082	1.71994	1
cg04768488	VAC14	0.879886	0.681142	1.54955	1.54955	0.91406	1.12124	1.12124	0.920284	0.95834	-1.04325	0.459725	0.449895	-2.22274	0.58078	0.553625	-1.80628	0.500683	0.484539	-2.06482	0.962622	0.295347	-3.38584	0.437776	0.790665	1.75086	15.8186	1
cg01240094	C21orf63	0.879931	0.749454	1.06572	1.06572	0.779036	0.945652	-1.05747	0.788974	1.05474	1.05474	0.213163	1.29752	1.29752	0.266305	1.25873	1.25873	0.587441	1.11497	1.11497	0.938888	1.01535	1.01535	0.71081	1.07679	1.07679	0.39019	1.19116	1.19116	0.437705	0.273603	0.555631	1
cg25380622	SLC9A2	0.879932	0.387421	0.528633	-1.89167	0.469344	0.58379	-1.7134	0.267837	0.435815	-2.29455	0.415363	0.569334	-1.82039	0.494237	0.606336	-1.64789	0.415001	0.562657	-1.77728	0.134821	0.488852	-2.04561	0.936054	0.943897	-1.05944	0.491093	0.60456	-1.6541	0.437703	3.5824	7.28904	1
cg25153887	CHST12	0.879938	0.551889	1.49427	1.49427	0.824079	1.16018	1.16018	0.798236	1.18642	1.18642	0.921903	0.936659	-1.07652	0.987635	0.989712	-1.01039	0.335441	0.515397	-1.94025	0.334099	1.94406	1.94406	0.420873	0.577686	-1.73104	0.662626	0.746061	-1.34037	0.437694	0.308682	0.626885	1
cg12359947	SNTG2	0.879964	0.912197	0.882035	1.13356	0.859378	1.10575	1.10575	0.879534	1.03612	1.03612	0.879534	1.36612	1.36612	0.829707	1.29078	1.29078	0.842552	1.18453	1.18453	0.984637	1.00036	0.997285	1.11477	0.924742	1.07423	0.744273	0.743435	1.29192	0.951821	1.24464	0.906029	0.893526	-1.11916	0.438003	0.64233	0.338121	1.44461	1
cg20831492	BET1;BET1	0.879982	0.27068	0.53753	0.53753	0.997502	1.00343	1.00343	0.580613	1.84395	1.84395	0.21874	4.16742	4.16742	0.966341	0.954851	-1.04728	0.73668	1.44731	1.44731	0.98822	0.983966	-1.0163	0.901767	1.14477	1.14477	?	?	?	0.414119	0.84142	14.4554	1
cg23113031	HLA-J;NCRNA00171	0.880001	0.516329	0.820175	-1.21925	0.401611	1.29513	1.29513	0.313249	0.730369	-1.36917	0.681396	0.883063	-1.13242	0.821648	0.934245	-1.07038	0.785227	1.08577	1.08577	0.316771	0.732148	-1.36584	0.978369	0.921793	-1.08484	0.929021	0.973518	-1.0272	0.437595	0.628935	1.27756	1
cg02366345	FAM126A	0.880004	0.437884	0.750178	-1.33297	0.676061	1.06083	1.06083	0.215693	0.633175	-1.58435	0.767477	0.801553	-1.24787	0.815561	1.23055	1.23055	0.724483	1.11752	1.11752	0.127525	0.65751	-1.52102	0.166617	0.717383	1.39406	1.39406	0.562592	0.809237	0.893526	-1.11916	0.438003	0.64233	0.338121	1.44461	1
cg19926079	PSPH;CCT6A;CCT6A;CCT6A;CCT6A	0.880019	0.338023	2.23308	2.23308	0.958845	0.958893	-1.04287	0.520005	1.69973	1.69973	0.744197	1.30517	1.30517	0.51095	1.72006	1.72006	0.950262	0.950524	-1.05205	0.294459	0.412929	-2.42172	0.628307	0.672461	-1.48708	0.997989	1.00205	1.00205	0.437565	4.5853	9.31479	1
cg21985251	SLC12A7	0.880021	0.613753	1.13355	1.13355	0.413954	0.91657	-1.0911	0.548284	0.90056	-1.11042	0.803493	0.94543	1.14543	0.364902	0.820318	1.65284	0.953977	0.955834	-1.04621	0.443409	0.53117	-1.88241	0.144398	0.126551	1.61852	1.61852	0.108041	0.184394	0.126551	1.61852	0.437652	2.05976	4.18432	1
cg01694276	AKT1;AKT1;AKT1	0.880042	0.636811	1.59069	1.59069	0.208971	0.33733	1.73733	0.304725	2.82158	2.82158	0.182378	2.39717	2.39717	0.895527	1.1368	1.1368	0.89444	1.08748	1.08748	1.13833	0.470284	2.04797	0.759319	0.34973	1.34973	0.615173	1.64005	1.64005	0.437528	0.60099	13.4088	1
cg04383107	ARF6	0.880049	0.746423	0.881711	-1.13416	0.389187	0.710061	-1.40833	0.489678	1.31297	1.31297	0.548218	1.26586	1.26586	0.645359	0.835429	-1.19699	0.938029	1.03063	1.03063	0.262051	0.635224	-1.57425	0.858702	1.07159	1.07159	0.746216	0.881616	-1.13428	0.437517	1.04324	2.11952	1
cg02078804	NDUFA4	0.880064	0.756342	1.08403	1.08403	0.79246	1.25947	1.25947	0.357349	0.95442	-1.04776	0.490156	0.710966	-1.40697	0.490156	0.701466	-1.42586	0.667629	1.11853	1.11853	0.449531	0.813132	-1.23256	0.283226	0.748949	-1.3352	0.850094	0.952208	-1.05031	0.437494	0.465804	0.794089	0.4	1
cg00930309	LRRCC1;LRRCC1	0.880081	0.398748	0.873216	-1.14519	0.249084	2.20809	2.20809	0.556874	1.09725	1.09725	0.607043	0.921819	-1.08481	0.761209	0.953297	-1.04899	0.849867	0.970701	-1.03018	0.938704	0.988004	-1.01214	0.71832	0.944744	-1.05849	0.580971	0.916233	-1.09143	0.437467	0.170612	0.346666	1
cg04143750	EPHD1;EPHD1	0.880084	0.617834	0.847593	-1.17994	0.274946	1.20913	1.20913	0.411511	0.618813	1.61848	1.61848	0.679534	1.47143	1.47143	0.732863	1.36483	0.903157	0.954455	-1.04779	0.355515	0.705422	-1.41756	0.956453	0.977514	1.02268	0.977514	0.977514	1.02268	0.437514	0.998699	0.911245	0.894	1
cg05105016	PIAS1	0.880101	0.877512	1.02594	1.02594	0.812575	0.961322	-1.04023	0.859555	0.971016	-1.02985	0.537471	1.10926	1.10926	0.554115	0.903397	1.10449	0.856566	1.0305	1.0305	0.302533	1.19407	1.19407	0.332808	0.847211	-1.18047	0.579091	0.911144	-1.09752	0.437435	0.191069	0.388261	1
cg18697156	KLHL7;KLHL7	0.880103	0.302641	1.66614	1.66614	0.442401	1.45422	1.45422	0.474258	1.99571	1.99571	0.557286	1.32814	1.32814	0.436792	1.46122	1.46122	0.843941	1.09881	1.09881	0.851118	1.09399	1.09399	0.886704	1.07111	1.07117	0.69355	1.20846	1.20846	0.437432	1.58362	3.21801	1
cg11736869	PEX11;PLS1	0.880105	0.523235	1.90917	1.90917	0.276468	0.61534	-1.62504	0.344134	1.04044	0.766443	1.28298	1.04298	1.04298	0.629534	1.34552	1.34552	0.620825	1.10766	1.10766	0.405544	1.29899	1.29899	0.842452	0.742473	-1.34685	0.708405	1.08008	1.08008	0.437357	0.29192	0.591821	1
cg15290957	KLHL29	0.880153	0.995758	1.00252	1.00252	0.183804	0.94744	1.94744	0.372285	1.54185	1.54185	0.956855	1.0259	1.0259	0.605412	0.781652	-1.27934	0.945843	1.03264	1.03264	0.53064	1.35018	1.35018	0.672116	1.22291	1.22291	0.810413	0.892615	-1.1203	0.437354	1.54764	3.14547	1
cg06489661	CDKN1B	0.880154	0.833479	1.08466	1.08466	0.703403	0.921669	-1.08522	0.627306	1.09445	1.09445	0.913775	0.833213	-1.20017	0.645353	1.14186	1.14186	0.789247	1.03506	1.03506	0.756503	1.08404	1.08404	0.712606	0.854163	1.17025	1.17025	0.765377	0.962052	1.04026	1.04026	0.437692	1.24702	2.6277	1
cg26035837	RAB22A;RAB22A;PPP4R1L	0.880155	0.716565	0.954184	-1.04802	0.975863	0.996136	-1.0039	0.19968	0.840059	-1.19039	0.951316	1.00788	1.00788	0.547483	1.10469	1.10469	0.789247	-1.03506	0.75562	0.960636	-1.04098	0.977723	0.964251	-1.03707	0.477699	1.0973	1.0973	0.437435	0.114606	0.23293	1
cg04302492	TUBGCP2	0.880156	0.961777	1.01394	1.01394	0.680852	1.12694	1.12694	0.648802	0.875912	-1.14167	0.397183	0.778405	-1.28468	0.725552	0.903173	-1.10721	0.534909	1.19912	1.19912	0.219679	1.45199	1.45199	0.805714	1.0738	1.0738	0.963326	1.01337	1.01337	0.437349	0.578333	1.17543	1
cg20426275	SND1;MIR593	0.880157	0.918877	1.08797	1.08797	0.04174	0.95548	1.05548	0.23993	1.23993	1.23993	0.207326	0.894146	1.11846	0.872773	1.14593	1.14593	0.891496	1.12467	1.12467	0.867773	0.9616	1.0616	0.745674	1.35603	1.35603	0.736714	0.745362	1.34176	0.736714	0.745362	1.34176	0.437354	0.563361	0.63152	0.890146	1.12317	2.2677	1
cg01058771	PDIA4	0.88017	0.951549	0.960723	-1.04088	0.9518	0.960923	-1.04067	0.887023	1.09827	1.09827	?	?	?	0.186033	2.52075	2.52075	0.500531	1.56972	1.56972	0.4882	0.629649	-1.58819	0.984186	1.01316	0.113116	0.991185	1.00731	1.00731	0.437438	2.56331	6.12157	1
cg15609273	RCBTB1	0.880182	0.833102	1.08403	1.08403	0.820012	1.04875	1.04875	0.852659	0.965483	1.04743	1.04743	0.325132	0.885136	1.12977	1.12977	0.361819	1.19235	1.19235	1.19235	0.962317	1.03335	1.03335	0.662552	1.44407	1.44407	0.892056	0.828702	1.44407	0.892056	0.828702	1.44407	0.437443	0.490618	0.817943	0.625268	0.906048	1.8768	1
cg04356980	CCDC147;CCDC147	0.880184	0.572177	1.14836	1.14836	0.404226	1.2298	1.2298	0.284723	1.30908	1.30908	0.614926	0.884321	-1.13081	0.847035	1.04792	1.04792	0.740098	1.08403	1.08403	0.550946	0.863961	-1.15746	0.692686	0.908216	-1.10106	0.547108	1.15913	1.15913	0.437304	0.406834	0.826953	1
cg20426275	SND1;MIR593	0.880187	0.952358	1.04741	1.04741	0.445009	0.921669	-1.08522	0.627306	1.09445	1.09445	0.913775	0.833213	-1.20017	0.645353	1.14186	1.14186	0.789247	-1.03506	0.75562	0.960636	-1.04098	0.977723	0.964251	-1.03707	0.477699	1.0973	1.0973	0.437443	0.114606	0.23293	1
cg01158711	PDIA4	0.88017	0.951549	0.960723	-1.04088	0.9518	0.960923	-1.04067	0.887023	1.09827	1.09827	?	?	?	0.186033	2.52075	2.52075	0.500531	1.56972	1.56972	0.4882	0.629649	-1.58819	0.984186	1.01316	0.113116	0.991185	1.00731	1.00731	0.437438	2.56331	6.12157	1
cg15609273	RCBTB1	0.880182	0.833102	1.08403	1.08403	0.820012	1.04875	1.04875	0.852659	0.965483	1.04743	1.04743	0.325132	0.885136	1.12977	1.12977	0.361819	1.19235	1.19235	1.19235	0.962317	1.03335	1.03335	0.662552	1.44407	1.44407	0.892056	0.828702	1.44407	0.892056	0.828702	1.44407	0.437443	0.490618	0.817943	0.625268	0.906048	1.8768	1
cg04356980	CCDC147;CCDC147	0.880184	0.572177	1.14836	1.14836	0.404226	1.2298	1.2298	0.284723	1.30908	1.30908	0.614926	0.884321	-1.13081	0.847035	1.04792	1.04792	0.740098	1.08403	1.08403	0.550946	0.863961	-1.15746	0.692686	0.908216	-1.10106	0.547108	1.15913	1.15913	0.437304	0.406834	0.826953	1
cg02572514	ARL16;HGS	0.880186	0.352233	1.66341	1.66341	0.443009	0.97343	1.27821	0.26757	1.31765	1.31765	0.629052	1.95027	1.95027	0.149433	1.56763	1.56763	0.842397	1.11162	1.11162	0.947508	1.18683	1.18683	1.18683	0.964881	1.02368	1.02368	0.437298	1.95697	3.9779	1
cg12176456	P4HA1;P4HA1;P4HA1;P4HA1	0.880215	0.820921	1.72953	-1.37065	0.713304	0.598594	1.70558	0.555007	1.04708	1.04708	0.754521	0.786415	1.27147	0.954587	1.04768	1.04768	0.61588	1.04892	-1.2056	0.934603	0.615163	1.62551	0.615163	0.24639	2.4639	2.4639	0.522301	2.4639	2.4639	0.31982	27.2232	1
cg27273157	HIF1A;HIF1A	0.880238	0.53024	1.49775	1.49775	0.444058	0.609111	-1.64174	0.776983	0.834913	-1.19773	0.841468	0.880523	-1.13569	0.243829	0.460817	-2.17006	0.563577	1.44915	1.44915	0.896742	1.08599	1.08599	0.994796	0.995865	-1.00415	0.550779	1.46741	1.46741	0.437217	2.79526	5.68202	1
cg15112846	KCNS3	0.880251	0.314991	1.58267	1.58267	0.59246	0.659373	-1.51645	0.631945	1.04548	1.04548	0.328816	0.790391	-1.26531	0.708473	1.41188	1.41188	0.647629	1.15852	1.15852	0.404248	0.641652	-1.55852	0.282449	0.111582	1.11907	1.11907	0.980329	1.0129	1.0129	0.437183	1.18785	3.80577	1
cg00701398	C12orf75	0.880302	0.672771	0.837165	-1.19451	0.25599	1.64232	1.64232	0.374477	1.46433	1.46433	0.857768	1.07794	1.07794	0.454488	0.727051	-1.37542	0.700913	0.850893	-1.17524	0.813953	0.906077	-1.10366	0.992212	1.00409	1.00409	0.71895	1.16322	1.16322	0.437117	1.21186	2.46435	1
cg07588656	TBC0	0.880304	0.918901	0.987951	-1.01324	0.781496	1.20913	1.20913	0.548111	0.818813	1.18548	1.18548	0.679534	1.47143	1.47143	0.732863	1.36483	0.903157	0.954455	-1.04779	0.355515	0.705422	-1.41756	0.956453	0.977514	1.02268	0.977514	0.977514	1.02268	0.437514	0.998699	0.911245	0.894	1
cg08434997	TELO2	0.880313	0.676496	-1.801491	-1.24767	0.565706	0.746246	-1.35824	0.844	0.677729	-1.47552	0.34955	0.801813	-1.66165	0.134526	0.980131	-1.02838	0.542685	0.722564	-1.38396	0.709003	0.826424	-1.21859	0.845536	0.902257	-1.10833	0.54018	0.72107	-1.38663	0.437099	1.9251	3.8391	1
cg15237494	ADAMTS5;ADAMTS5	0.880321	0.276727	1.58861	1.58861	0.38309	1.44187	1.44187	0.303245	1.54694	1.54694	0.658736	1.19943	1.19943	0.436792	1.45122	1.45122	0.802926	1.104	1.104	0.705315	0.856043	-1.16817	0.959923	0.979651	-1.02077	0.439297	1.38088	1.38088	0.437087	1.15875	2.35652	1
cg26984667	BTD	0.880322	0.900207	1.04731	1.04731	0.425085	1.44353	1.44353	0.308225	1.58457	1.58457	0.658736	1.19943	1.19943	0.436792	1.45122	1.45122	0.802926	1.104	1.104	0.705315	0.856043	-1.16817	0.959923	0.979651	-1.02077	0.439297	1.38088	1.38088	0.437087	1.15875	2.35652	1
cg20689476	PPP2R2C	0.880401	0.247154	0.566566	-1.76502	0.762219	0.867203	-1.15313	0.524341	1.35383	1.35383	0.595868	1.28572	1.28572	0.56837	0.762833	-1.3109	0.77674	0.875039	-1.14281	0.445852	0.694288	-1.44032	0.611609	0.786286	-1.2718	0.801939	1.12526	1.12526	0.436959	1.52566	3.3036	1
cg26063037	KIF20B	0.880403	0.407382	0.816548	-1.22407	0.84782	0.955077	-1.04704	0.748358	0.925885	-1.08005	0.840374	0.952897	-1.04943	0.844636	0.954145	-1.04806	0.226075	0.732677	-1.36503	0.19975	0.443416	0.833507	-1.19975	0.443416	0.833507	-1.19975	0.443416	0.833507	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105 vs. N)	Fold-Change(105 vs. N)	Ratio(111 vs. N)	Fold-Change(111 vs. N)	p-value(112 vs. N)	Fold-Change(112 vs. N)	p-value(121 vs. N)	Fold-Change(121 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03449935	RAS12		0.8814651		0.6753891		1.219349		0.7010828		0.838627		0.7635375		0.618833		0.618833		0.940138		0.983725		0.940138		0.783459	2.276709	0.435283	1.64294	2.94661	1
cg00709050	PEX12;PEX12		0.8814567		0.9052337		0.9094048		1.052609		0.6848133		1.192336		0.7579576		0.7579576		1.285522		1.470589		1.367013		1.367013	1.436713	0.435128	1.2815	2.61696	1
cg16086469	OSBPL3;OSBPL3;OSBPL3;OSBPL3		0.8814969		0.2509598		0.4914448		0.7472888		0.8258277		0.8893616		0.7128585		0.7128585		0.8478304		0.8925948		0.8607573		0.8607573	1.160255	0.435262	2.413388	4.929621	1
cg08892203	CACNG4		0.8815154		0.588263		1.521611		0.5852643		0.6549025		1.526809		0.4487449		0.5796883		1.725208		0.3133111		2.227651		0.8382882	1.16544	0.435289	1.4625	3.01941	1
cg16668921	RTN4IP1;ORSL1		0.8815564		0.3634841		2.3266		2.3266		0.5567776		1.171149		0.5062881		1.83992		1.83992		?		?		?		?	0.4269662		0.480289		2.08208		0.8413289		1.19597		1.81207		0.8062261		1.240229		0.817795		1.23201		1.23201	0.9331084		3.9659		11.5085	1
cg08099191	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL		0.8815821		0.7232466		0.8388575		-1.19207		0.6052027		0.772849		-1.29391		0.3866333		0.6449921		-1.55041		0.7930223		0.878515		-1.13876		0.8354477		1.10825		1.10825		0.5950391		1.302455		0.7730072		0.7730072		-1.29356		0.5836664		0.7607282		-1.31453		0.4350842		0.190064		0.5037		-1.98531		0.4350824		1.68247		3.43736	1
cg11207763	FGF19		0.8816102		0.889231		0.80939		-1.1231		0.5421107		0.5980424		-1.67212		0.4548515		0.5303454		-1.88556		0.2847933		2.52339		0.6025271		0.6474688		-1.54395		0.8727242		0.8749486		-1.14287		0.6320676		0.6690558		-1.49464		0.4508944		1.89641		1.89641		0.941467		1.06309		0.43505		4.78206		9.770615	1
cg04396637	CSRNP2		0.8816313		0.1851001		2.76317		2.76337		0.6503332		1.39104		1.39104		0.5960864		1.47239		1.47239		0.53194		1.58075		1.58075		0.9076169		1.08758		1.08758		0.4209775		1.81229		1.81229		0.8411		0.8648651		-1.15625		0.6642338		1.37145		1.37145		0.3248362		2.08619		2.08619		0.435032		3.604027		7.363991	1
cg17703133	C1orf21		0.8816617		0.8524897		0.8094081		-1.15051		0.3351582		0.2118018		2.1610758		0.2627795		2.404431		0.5921993		1.50124		1.50124		0.6204546		0.8327228		-1.46555		0.6822403		0.6443892		-1.55207		0.7068732		0.7708856		-1.29726		0.6143837		0.6826081		-1.46481		0.8319164		0.843922		-1.18776		0.4350247		0.388997		7.94841		1
cg01392544	CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CACNB2;CAC		0.8816225		0.561021		0.8133082		-1.22955		0.1525586		0.5835444		-1.71367		0.6978671		1.44699		1.44699		0.7907174		0.9107334		0.9107334		-1.09802		0.6057331		0.8327233		-1.20088		0.7470248		0.8924534		-1.12051		0.6042404		0.8320966		-1.20183		0.6486722		1.17499		1.17499		0.7264778		0.8838851		-1.13141		0.4350313		0.8515088		1.73994		3.48055	1
cg00758797	FURIN		0.8816338		0.9616339		0.9785443		-1.02193		0.7682063		0.8752346		-1.14251		0.7682063		1.10401		1.10401		0.48117		0.7240138		0.7240138		-1.38128		0.5597152		0.7663366		-1.30486		0.5597969		0.7866039		-1.27123		0.6813762		0.8888884		0.954238		1.02622		1.02622		0.839981		1.09557		1.09557		0.4350491		1.40117		2.86325		1
cg02016178	NLRC3		0.8816365		0.9933468		0.9962483		1.003973		0.9218452		1.044113		1.044113		0.8653605		1.016133		1.16133		0.9594888		1.070234		1.070234		0.9557504		1.15524		1.15524		1.11324		1.11324		0.390119		1.13514		1.13514		0.7903181		0.9513389		-1.05109		0.6551989		1.067553		1.067553		0.4350478		0.4349227		0.1407268		0.2916161	
cg26023751	C1orf156;C1orf112;C1orf156		0.8816389		0.8440791		1.02456		1.02456		0.9336233		0.9897981		0.99721		-1.0028		0.4068364		1.11022		1.11022		1.217633		0.8522956		-1.1733		0.8662276		0.979439		-1.02099		0.4723915		0.9318669		-1.10425		0.6372504		0.7692291		1.03691		1.03691		0.4491		0.1045911		0.2313769		1
cg23427182	PPP3R1		0.8817323		0.542972		1.71141		0.5842007		1.909057		1.909057		0.130907		0.4011174		0.4011174		0.9310126		1.08747		1.08747		0.8187448		1.227376		1.227376		1.211676		0.6404019		0.6653011		1.503		0.4349857		0.2441818		10.7196	1
cg07442487	SUT3		0.8817331		0.7900332		1.07168		1.07168		0.2090078		1.40984		1.40984		0.9145441		1.02824		1.02824		0.9058495		1.031717		1.031717		0.6157595		0.8769951		0.8769951		0.8769951

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs.1057 vs. N)	p-value(1111 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.1217 vs. N)	p-value(1247 vs. N)	Ratio(1247 vs. N)	p-value(1473 vs. N)	Fold-Change(1 vs.1473 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs.5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1 vs.5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg25509242	NARS1(3);NARS1(3)		0.883199	0.248775	0.378863	-2.63946	0.949236	0.950032	-1.0526	0.4367	0.527927	-1.8942	0.745172	0.760083	-1.30025	0.45207	0.524384	1.907	0.939971	1.06251	1.08251	0.373589	0.479339	-2.08621	0.619801	1.49579	0.495379	0.608635	0.653607	-1.52997	0.4325	4.43984	9.12493	1
cg04462774	AQP6		0.883263	0.788083	0.822021	-1.21651	0.939219	0.946035	-1.05704	0.877386	0.113886	1.11886	0.612998	1.44923	1.44923	0.291206	0.450793	-2.21831	0.601206	0.681386	-1.4676	0.969907	1.02782	1.02782	0.366665	1.96333	1.93633	0.44756	1.7561	1.7561	0.432398	3.62396	7.44985	1
cg08134940	RPTOR;RPTOR		0.883281	0.679501	0.827203	-1.20889	0.756963	0.867837	-1.15229	0.704567	0.840341	-1.18999	0.359562	0.650409	-1.53749	0.897239	0.942705	-1.06078	0.191837	0.532105	-1.87933	0.317441	0.623819	-1.60303	0.533807	0.749946	-1.33343	0.449577	0.703394	-1.42168	0.432368	1.42786	2.93548	1
cg14731225	PAN3;PAN3		0.883283	0.962179	1.03236	1.03236	0.440142	1.69668	1.69668	1.69668	0.32915	1.9666	1.9666	0.417294	1.573126	-1.74482	0.419518	0.574701	-1.73999	0.764024	0.816949	-1.22407	0.949766	1.04322	1.04322	0.913984	0.930201	-1.07525	0.656533	0.740402	-1.35062	0.432365	1.08796	6.34846	1
cg21773314	TCEB3		0.883291	0.949182	0.976216	-1.02436	0.567138	0.803754	-1.24416	0.958605	0.1098	1.0198	0.84532	0.928887	-1.07656	0.484905	0.764872	-1.30741	0.352191	0.696576	-1.43559	0.166142	0.57254	-1.7466	0.822627	1.08849	1.08849	0.961904	1.0182	1.0182	0.432353	0.976693	2.00801	1
cg05757967	TPRG;TPRG		0.883298	0.707808	0.876239	-1.14124	0.496949	1.2739	1.2739	0.532895	0.801156	-1.2482	0.728011	0.885308	-1.12984	0.361612	1.38981	1.38981	0.397305	1.35558	1.35558	0.72075	0.885623	-1.13427	0.963041	0.983866	-1.0164	0.538565	0.802787	-1.24666	0.432342	0.843645	1.73452	1
cg14817143	TTPA		0.883334	0.401625	1.216	1.216	0.973038	0.991763	-1.00831	0.72393	1.08415	1.08415	0.766954	0.934534	-1.07005	0.434757	1.19909	1.19909	0.73442	1.08066	1.08066	0.668512	1.10311	1.10311	0.961218	0.988983	-1.01114	0.161007	1.40646	1.40646	0.432283	0.355339	0.730672	1
cg24776551	ACADM;ACADM;ACADM;ACADM		0.883336	0.250409	2.04369	2.04369	0.686176	0.78525	-1.27348	0.944716	0.959564	-1.04214	0.448339	1.58388	1.58388	0.513098	1.48403	1.48403	0.537154	1.4505	1.4505	0.495162	1.51617	1.51617	0.414466	1.64293	1.64293	0.509574	1.48908	1.48908	0.432281	2.4251	4.98668	1
cg18912855	PACS2;PACS2		0.883351	0.484872	2.33458	2.33458	0.622979	0.553275	-1.80742	0.956979	0.307996	1.07996	0.649316	1.72774	1.72774	0.757272	0.690522	-1.44818	0.762879	1.43538	1.43538	0.386437	1.34628	2.88782	?	0.961176	0.943514	0.135048	0.318337	0.143633	0.83833	20.0862	1
cg09912198	ANKRD27;RG559P;RG559P INPP5K;LOC100506951;INPP5K;INPP5K;		0.883371	0.274881	1.54608	1.54608	0.849301	1.07569	1.07569	0.941928	1.02834	1.02834	0.517324	0.777414	-1.28632	0.581089	0.807542	-1.23833	0.306577	0.666316	-1.50079	0.755701	1.12716	1.12716	0.90518	0.955323	-1.04677	0.947971	1.02535	1.02535	0.432224	1.00703	2.071	
cg26543917	NPY5R;INPP5K;INPP5K		0.883434	0.732935	1.18777	1.18777	0.416628	0.658965	-1.51753	0.887825	1.07348	1.07348	0.32391	1.66838	1.66838	0.522404	1.38502	1.38502	0.776247	1.15392	1.15392	0.294942	1.72584	1.72584	0.776504	0.866762	-1.15372	0.848456	1.10088	1.10088	0.432123	1.7275	3.55352	1
cg13885748	PTPN13;PTPN3		0.883441	0.699097	0.799073	-1.29795	0.390881	1.78956	1.78956	0.284921	1.01991	1.01991	0.650857	0.737035	-1.35675	0.849323	0.880356	-1.13563	0.861942	1.12663	1.12663	0.646012	1.2553	1.2553	0.733669	-1.36302	0.87902	1.10738	1.10738	0.38357	1.81905	1.81905	0.432112	3.06888	6.31293	1
cg07882850	LOC145845		0.883446	0.650435	1.802755	-1.24571	0.58989	0.769465	-1.29996	0.91	0.896129	-1.11591	0.395081	0.657392	-1.52116	0.337107	0.620882	-1.61061	0.190089	0.517696	-1.93164	0.931865	0.959654	-1.04204	0.942612	0.965922	-1.03528	0.727473	1.18352	1.18352	0.432105	1.58728	3.26522	1
cg04415212	STK11IP LRTOMT;NUMA1;LRTOMT;LRTOMT;LRTOMT;NUMA1;LRTO		0.883462	0.672144	1.25018	1.25018	0.908887	0.941715	-1.06189	0.224099	0.51175	-1.95408	0.931011	1.04647	1.04647	?	?	?	0.660136	1.26127	1.26127	?	?	?	0.91932	1.05458	1.05458	0.602533	1.31732	1.31732	0.390772	1.32449	3.87363	1
cg04640796	MT;LRTOMT;LRTOMT		0.883471	0.242341	0.239616	-4.17335	0.65535	1.6897	1.6897	0.508421	2.18873	2.18873	0.574568	1.93603	1.93603	0.799333	0.742725	-1.34639	?	?	?	0.88619	1.18201	1.18201	0.645369	1.71784	1.71784	0.749308	1.45403	1.45403	0.413441	7.93514	19.1929	1
cg07441462	DUSL1		0.883477	0.377463	0.643872	-1.55431	0.535376	0.737016	-1.35682	0.749253	0.855649	-1.1687	0.927123	1.04548	1.04548	0.981897	0.992835	-1.00722	0.704733	1.20331	1.20331	0.661569	1.28179	1.28179	0.338867	1.61487	1.61487	0.443533	0.684009	-1.46197	0.432055	1.61719	3.32714	1
cg00308508	SLC12A2		0.883484	0.616933	1.21343	1.21343	0.290647	1.52296	1.52296	0.284322	1.5321	1.5321	0.444148	1.34885	1.34885	0.913155	1.04274	1.04274	0.917869	1.04036	1.04036	0.345544	1.45158	1.45158	0.455873	1.33819	1.33819	0.906624	0.955986	-1.04604	0.432044	1.00685	2.0715	1
cg03409138	SDUI		0.883485	0.636745	1.29602	1.29602	0.3988	0.703874	1.42146	0.987056	1.56561	1.56561	0.887325	1.07374	1.07374	0.913309	1.13003	1.13003	0.747708	1.17581	1.17581	0.823008	1.13359	1.13359	0.986883	0.997894	-1.17281	0.852626	-1.17281	0.432022	1.72309	3.54327	1
cg09022607	TCF7L2 GRINL1A;GRINL1A;GRINL1A;GCOM1;G		0.8835	0.966557	0.971543	-1.02929	0.622583	0.710625	-1.40721	0.918865	1.07268	1.07268	0.381236	0.538795	-1.85599	0.257144	0.442927	-2.25771	0.393191	0.547561	-1.82628	0.351125	0.516441	-1.93633	0.403126	0.554805	-1.80244	0.740206	0.795223	-1.25751	0.432019	3.24425	6.67513	1
cg26918106	CDM1;GRINL1A;GRINL1A		0.883508	0.428733	1.56305	1.56305	0.831956	0.889161	-1.12466	0.907256	0.9376	-1.06655	0.822069	1.13261	1.13261	0.857717	1.1043	1.1043	0.91836	1.05832	1.05832	0.149031	0.425069	-2.35256	0.887573	1.08134	1.08134	0.792981	1.15651	1.15651	0.432005	0.209121	4.30286	1
cg13370080	FBXL7		0.883531	0.982372	1.01766	1.01766	0.952253	0.966254	-1.03509	0.514799	0.613749	-1.63079	0.468636	0.741209	-1.34885	0.409056	0.744277	-1.34347	0.704904	0.758511	-1.31856	0.910616	1.03116	1.03116	0.855123	-1.22681	0.815462	1.58274	0.473446	1.70713	1.70713	0.432002	3.68124	7.57453	1
cg08937870	PIGU		0.883516	0.58404	0.788874	-1.26763	0.205061	1.77448	1.77448	0.785037	1.12442	1.12442	0.843288	1.0886	1.0886	0.560297	0.77678	-1.28737	0.565396	0.779386	-1.28306	0.856891	0.925455	-1.08055	0.984586	0.991748	-1.00832	0.53601	0.764296	-1.30839	0.431992	1.25871	2.58999	1
cg11257497	SDAD1;SDF4		0.883539	0.692391	1.30907	1.30907	0.399323	0.79323	1.25993	0.712453	1.27023	1.27023	0.225359	0.74504	1.34227	0.671691	0.644354	1.55202	0.347398	1.92545	1.92545	0.267364	0.833005	-1.20047	0.802849	1.10638	1.10638	0.719297	0.783269	-1.27657	0.431956	3.14318	6.4496	1
cg02012300	SCOC;SCOC;SCOC;SCOC;SCOC		0.883562	0.816991	0.923581	-1.08274	0.751447	0.876869	-1.13958	0.755155	1.11528	1.11528	0.974604	1.00198	1.00198	0.732385	0.88895	-1.12492	0.707041	0.878552	-1.13824	0.760673	1.16357	1.16357	0.957244	1.01856	1.01856	0.121579	0.562376	-1.77817	0.431919	0.804526	1.65571	1
cg02492835	KIF26B		0.883569	0.391124	1.84465	1.84465	0.406646	1.80677	1.80677	0.994017	1.00524	1.00524	0.680702	1.3342	1.3342	0.501071	1.60941	1.60941	0.513104	1.58755	1.58755	0.260352	2.26618	2.26618	0.401503	1.81912	1.81912	0.344198	1.97183	1.97183	0.431908	3.32158	6.83598	1
cg20130296	NDUFS7		0.883577	0.688596	1.34779	1.34779	0.447384	1.40736	1.40736	1.03183	0.780166	1.28162	1.25062	0.492193	1.79997	0.357719	0.714946	1.39851	0.567905	0.83467	1.19851	0.342193	0.594424	1.68263	0.447905	2.23555	1.5863	0.630472	1.00048	1.00048	0.431905	0.43965	0.89363	1
cg14846293	AXIN2;AXIN2		0.883573	0.608053	1.32106	1.32106	0.324093	1.25229	1.25229	0.673649	1.09809	1.09809	0.447294	1.18661	1.18661	0.997972	1.0583	1.0583	0.839561	0.956206	1.0458	0.818214	0.950412	-1.05217	0.71346	1.08489	1.08489	0.188288	1.36066	1.36066	0.431902	0.338822	0.687034	1
cg00086443	FAT1		0.883587	0.575976	1.3849	1.3849	0.357388	1.07034	1.84402	0.711489	1.07034	1.84402	0.711489	1.18347	0.542032	1.84275	0.542675	1.84275	0.376666	0.538347	1.85768	0.210228	1.03228	1.03228	0.968486	1.04125	0.95978	1.04178	0.960428	1.03509	0.962405	1.03509	0.431901	1.04091	2.07	1
cg05603553	IFT140		0.883612	0.568914	1.32314	1.32314	0.435465	1.47252	1.47252	0.657527	1.24234	1.24234	0.327465	1.63497	1.63497	0.798679	1.13236	1.13236	0.747144	1.17038	1.17038	0.197526	1.9396	1.9396	0.524212	1.36874	1.36874	0.353009	1.59167	1.59167	0.431839	1.61773	3.3299	1
cg10822591	SFRS12;SFRS12;SFRS12		0.883624	0.485604	1.71411	1.71412	0.249332	2.52743	2.52743	0.314355	2.20635	2.20635	0.892409	0.902195	-1.10841	0.627393	1.45067	1.45067	0.86548	0.879016	-1.13764	0.659288	0.713584	-1.40138	0.768692	1.25143	1.25143	0.548116	1.58759	1.58759	0.43182	3.95601	8.14331	1
cg05535772	SUCLG2		0.883638	0.987818	1.00421	1.00421	0.966254	1.86851	1.86851	0.253751	2.60304	2.60304	0.870445	0.872689	-1.14547	0.622602	1.44565	1.44565	0.824311	0.837955	-1.19338	0.797306	1.25612	1.25612	0.729502	1.1715	1.1715	0.234124	2.83091	2.83091	0.431797	4.76003	9.79881	1
cg07952421	UGT2B15;UGT2B17		0.883646	0.754901	0.634764	-1.57539	0.802345	0.695218	-1.4384	0.82089	0.719875	-1.38913	0.344426	0.243768	-4.10226	0.571818	2.28896	2.28896	0.425597	3.25199	3.25199	0.460048	0.336145	-2.9749	0.623624	2.04803	2.04803	0.572062	2.28773	2.28773	0.431785	14.3665	29.5754	1
cg12102155	SLMO2		0.883656	0.742346	0.661007	-1.51256	0.455166	1.96807	1.96807	0.732863	1.36585	1.36585	0.327697	0.406119	-2.46311	0.592208	0.81842	-1.22303	0.520191	0.92547	1.08045	0.833095	1.20047	1.20047	0.833095	1.16638	1.16638	0.719297	0.783269	-1.27657	0.431768	2.41906	4.94267	1
cg24738171	HGS		0.883648	0.933003	0.965471	-1.03576	0.216303	1.72249	1.72249	0.345724	1.50056	1.50056	0.772955	0.886125	-1.12851	0.513005	0.757855	-1.31951	0.955313	0.976853	-1.0237	0.887894	1.06072	1.06072	0.742975	1.14742	1.14742	0.625323	1.22835	1.22835	0.431781	1.1944	2.45886	1
cg19981243	ZBTB20;ZBTB20;ZBTB20;ZBTB20		0.883665	0.465057	0.438799	-2.27895	0.757019	0.709046	-1.41034	0.803947	1.31727	1.31727	0.945883	0.927552	-1.07811	0.288706	0.255168	-3.3879	0.418925	0.400512	-2.4968	0.349625	0.344149	-2.90571	0.8332	0.371321	-2.69309	0.831611	1.26606	1.26606	0.431753	8.39307	17.2796	1
cg14479463	ELAVL2;ELAVL2;ELAVL2		0.883666	0.577542	1.30388	1.30388	0.455166	1.96807	1.96807	0.732863	1.36585	1.36585	0.327697	0.406119	-2.46311	0.592208	0.81842	-1.22303	0.541028	1.11587	1.11587	0.167303	1.2204	1.2204	0.911358	1.02009	1.02009	0.434457	0.867224	-1.1531	0.431753	0.218195	0.449218	1
cg01940508	RABEP1;RABEP1 TCF12;TCF7L2;TCF7L2;TCF7L2;TCF7L2;		0.883667	0.839431	1.05345	1.05345	0.772525	1.07723	1.07723	0.2029	0.708207	-1.41202	0.932401	1.02201	1.02201	0.650586	0.891237	-1.12204	0.940557	1.01933	1.01933	0.311822	1.30808	1.30808	0.894298	1.03471	1.03471	0.86784	0.958154	-1.04367	0.431751	0.45049	0.927468	1
cg15624624	TCF7L2		0.883682	0.884054	0.930648	-1.07452	0.546782	0.740551	-1.35035	0.552551	1.3444	1.3444	0.661986	1.24194	1.24194	0.871964	0.923631	-1.08268	0.455071	0.687459	-1.45463	0.351993	0.628666	-1.59067	0.35063	0.623018	-1.60509	0.67964	1.22695	1.22695	0.431726	1.65881	3.41536	1
cg02095796	HDLBP;HDLBP		0.883695	0.49805	0.77911	-1.28353	0.435629	1.46867	1.46867	0.484078	1.51699	1.51699	0.878823	1.05651	1.05651	0.814355	0.969382	-1.03182	0.603634	0.776384	1.28843	0.71127	0.89564	1.11632	0.895564	1.23264	1.23264	0.681228	1.22091	1.22091	0.431699	0.15658	0.32743	1
cg19389973	ADAH		0.883711	0.245511	1.62033	-1.62033	0.157158	0.537703	0.99052	0.976836	1.00187	1.00187	0.993078	0.80976	-1.23476	0.537252	0.66008	1.50838	0.702841	0.748021	-1.33655	0.440727	0.582403	-1.71677	0.466196	0.979868	-1.02072	0.466196	0.919557	-1.08753	0.431693	0.564008	1.22963	2.75423	1
cg24127656	FLOT2;DHRS13		0.883714	0.416453	1.27864	1.27864	0.863747	0.950435	-1.05215	0.417489	1.27792	1.27792	0.830522	1.06549	1.06549	0.591348	1.17399	1.17399	0.545483	1.19852	1.19852	0.684857	0.886245	-1.12836	0.915907	0.735726	-1.3592	0.772732	1.08948	1.08948	0.431675	0.598883	1.2332	1
cg19195757	SAMD12		0.883737	0.422446	0.664728	-1.50457	0.162477	1.2785	1.2785	0.977387	1.09423	1.09423	0.694846	1.21712	1.21712	0.753693	1.0383	1.0383	0.903745	1.06215	1.06215	0.582006	1.02566	1.02566	0.856604	1.09428	1.09428	0.733989	0.843668	-1.1853	0.431665	1.69814	3.49984	1
cg20521527	NKX2-3		0.883743	0.530416	2.30932	2.30932	0.872869	0.809862	-1.23478	0.875066	0.812849	-1.23024	0.828834	1.32994	1.32994	?	?	?	?	0.191888	6.16766	6.16766	0.903073	1.17403	1.17403	0.390317	0.833962	0.833962	0.833862	24.4157	1
cg03892551	USP48;USP48		0.883768	0.462457	2.00821	2.00821	0.538113	1.72089	1.72089	0.78475	1.10502	1.10502	0.771623	0.90735	0.907735	0.623983	0.90735	-1.10214	0.838855	2.50775	2.50775	0.478676	0.510853	-1.95753	0.826772	1.22678	1.22678	0.620215	1.59381	1.59381	0.431588	5.94474	12.2436	1
cg14399122	COL5A1		0.883803	0.75518	1.19284	1.19284	0.297302	0.570508	-1.75282	0.250887	0.536256	-1.86478	0.532625	0.720087	-1.38872	0.614397	0.768079	-1.30195	0.984806	0.990158	-1.00994	0.416777	0.649823	-1.53888	0.803816	0.876728	-1.13801	0.848899	1.10414	1.10414	0.431533	1.84387	3.79808	1
cg10120555	ESRP2		0.883853	0.63044	1.29066	1.29066	0.855175	0.908311	-1.10094	0.91401	1.05844	1.05844	0.918265	1.02261	1.02261	0.716841	0.975344	0.741269	-1.34904	0.743257	0.84117	-1.18887	0.724528	0.830074	-1.20471	0.587464	0.6045	1.3353	1.3353	0.583528	1.33833	1.33833	0.431543	1.89315	3.90031	1
cg26101086	ARHGEF10		0.883868	0.980925	1.01938	1.01938	0.961354	1.31213	1.31213	0.34301	1.3359	1.3359	0.915168	1.03168	1.03168	0.766522	0.97535	-1.02532	0.335465	1.18422	1.18422	0.23962	1.37395	1.37395	0.915535	1.02665	1.02665	0.843141	2.24495	2.24495	0.470727	0.948879	1.66178	1.40955	1.40955	0.431542	0.66041	1.36004	1.72255	1.72255
cg14515791	RASAL2;RASAL2		0.883896	0.533131	0.689429	-1.45048	0.496025	0.667824	-1.4974	0.845369	0.891332	-1.12192	0.870178	0.908133	-1.10116	0.673991	0.779367	-1.28309	0.686351	1.27019	1.27019	0.491796	1.50887	1.50887	0.259149	2.00085	2.00085	0.699469	1.25676	1.25676	0.431384	2.37144	4.88649	1
cg20689586	ARL15		0.883899	0.697803	0.819266	-1.2206	0.807658	1.1327	1.1327	0.382391	1.58037	1.58037	0.55896	1.35245	1.35245	0.914304	1.04114	1.04114	0.557081	1.35445	1.35445	0.470405	0.88147	1.13447	0.88147	0.889476	-1.12456	0.804258	1.61047	1.61047	0.431383	1.78324	3.47448	1
cg19159964	C17orf54		0.883899	0.487923	0.627514	-1.59359	0.261234	0.4608	-2.17014	0.201992	0.410296	-2.43727	0.770299	0.82398	-1.21362	0.932913	1.00564	1.00564	0.890098	0.912629	-1.09573	0.920757	1.08001	1.08001	0.86999	0.897341	-1.1144	0.775193	1.22977	1.22977	0.431379	2.98757	6.15611	1
cg19632532	TUBB2B		0.883933	0.799287	1.25939	1.25939	0.425662	2.08826	2.08826	0.976952	1.02649	1.02649	?	?	?	0.415276	2.12485	2.12485	0.276146	2.78808	2.78808	0.923494	1.09084	1.09084	0.721921	1.3819	1.3819	0.517164	0.551882	-1.81198	0.412696	4.76002	11.534	1
cg16533977	SLCO5A1		0.883988	0.300913	1.54103	1.54103	0.333167	1.49593	1.49593	0.621637	0.858152	-1.16525	0.878507	1.06366	1.06366	0.855722	0.93935	-1.06471	0.710197	1.23792	1.23792	0.40644	0.805322	1.24168	0.805322	1.59557	1.59557	0.268368	1.21066	1.21066	0.937565	1.02211	1.02211	0.431237	1.11722	2.29154	1
cg06868860	C7orf27		0.883994	0.390379	1.95219	1.95529	0.57907	1.12028	1.12028	0.720711	0.929823	-1.07547	0.748288	0.936828	-1.07643	0.664363	0.915318	-1.09252	0.307788	1.23858	1.23858	0.954039	1.01175	1.01175	0.573441	1.12221	1.12221	0.38473	1.19797	1.19797	0.431227	0.280564	0.578326	1
cg05409596	GJD3		0.883999	0.999203	1.00079	1.00079	0.995625	1.08375	1.08375	0.724784	1.13743	1.13743	0.841463	1.13718	1.13718	0.796393	0.878228	-1.13896	0.867212	0.867828	1.1523	0.934568	0.97952	1.02106	0.979952	1.07956	1.07956	0.843178	0.888783	0.888783	0.431219	0.98478	2.00966	1
cg19811864	EFNA4;EFNA4;EFNA4		0.884001	0.877074	1.2456	1.2456	0.257496	0.34734	0.34734	0.486286	0.27836	0.27836	0.915274	1.16299	1.16299	0.333308	0.242706	4.12022	0.808626	1.41096	1.41096	0.550492	2.35615	2.35615	0.800331	0.697973	-1.43272	0.749931	1.57413	1.57413	0.431216	13.7481	28.3397	1
cg00995807	XRCC3;XRCC3;XRCC3 LOC219347;LOC219347;C10orf57;LOC2		0.884006	0.247037	1.32339	1.32339	0.203508	0.535378	0.53578	0.830016	1.22421	1.22421	0.846054	1.2007	1.2007	0.665237	1.50626	1.50626	0.348744	0.47862	2.47862	0.684146	1.4694	1.4694	0.915392	1.10517	1.10517	0.916325	1.10394	1.10394	0.431208	0.64658	12.4644	1
cg22626196	19347;LOC219347;LOC219347 NEDD4L;NEDD4L;NEDD4L;NEDD4L		0.884008	0.917604	1.03458	1.03458	0.821977	1.07686	1.07686	0.778937	1.09687	1.09687	0.69572	0.87885	-1.13785	0.581912	0.833011	-1.20046	0.168492	0.617466	-1.61952	0.75179	0.900998	-1.10988	0.626245	1.17499	1.17499	0.617941	1.17965	1.17965	0.431205	0.737243	1.51976	1
cg12827950	DAL;NEDD4L;NEDD4L;NEDD4L;NEDD4L		0.88401	0.576211	0.84258	-1.18683	0.810055	0.929562	-1.07578	0.711663	1.1192	1.1192	0.337044	1.35018	1.35018	0.344541	0.744284	-1.34357	0.768543	0.914975	-1.09364	0.649381	1.14893	1.14893	0.50465	0.814349	-1.22707	0.666897	0.876912	-1.14036	0.431201	0.628375	1.29535	1
cg02154956	PCCA;PCCA SOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL SYN;GOLSYN;GOLSYN;GOLSYN;GOLSYN;GOL		0.884022	0.484113	1.92766	1.92766	0.896393	0.8867	-1.12778	0.433221	0.478002	-2.09204	0.352364	2.41893	2.41893	0.574095	1.68901	1.68901	0.360656	2.27085	2.27085	0.61599	0.627044	-1.59478	0.823644	1.17373	1.17373	0.83582	1.12111	1.12111	0.431181	5.81764	11.9932	1
cg16677531	SYN;GOLSYN;GOLSYN;GOLSYN;GOL		0.884025	0.66364	1.6619	1.6619	0.421938	2.60513	2.60513	0.89805	1.16009	1.16009	?	?	?	0.634917	1.74281	1.74281	0.593161	1.87148	1.87148	0.354608	0.328115	-3.04771	0.857257	1.23198	1.23198	0.593291	0.534456	-1.87306	0.401475	7.22158	13.4907	1
cg06632759	ZNF585B		0.884036	0.995479	0.99798	-1.00202	0.891401	0.952424	-1.04995	0.522473	0.793505	-1.26023	0.42563	1.33681	1.33683	0.591324	1.21338	1.21338	0.347464	0.708082	-1.41227	0.374032	0.722091	-1.38487	0.780253	0.905018	-1.10495	0.591744	0.824331	-1.21311	0.431159	0.869485	1.79255	1
cg09594746	NCK2;NCK2;NCK2		0.884067	0.973763	0.994138	0.9939	0.809827	0.95864	-1.0431	0.705126	0.966855	-1.06787	0.972522	0.994585	-1.00595	0.561358	0.783127	-1.27686	0.917259

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Probeset ID	UCSC_REFGENE_NAME CCNB1IP1;CCNB1IP1;CCNB1IP1;CCNB1	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs. 047)	p-value(1057 vs. N)	Fold-Change(1 vs. 057)	p-value(1117 vs. N)	Fold-Change(1 vs. 117)	p-value(1127 vs. N)	Fold-Change(1 vs. 127)	p-value(1217 vs. N)	Fold-Change(1 vs. 217)	p-value(3477 vs. N)	p-value(3477 vs. 477)	Fold-Change(1 vs. 477)	p-value(3537 vs. N)	Fold-Change(1 vs. 537)	p-value(5377 vs. N)	Fold-Change(1 vs. 377)	p-value(5637 vs. N)	Ratio(5637 vs. 637)	Fold-Change(5 vs. 637)	F(Test)	SS(Test)	SS(Error)	df)
cg25091820	P1	0.884931	0.340117	1.39985	0.939727	1.02621	1.02621	0.882607	0.685646	-1.45488	0.64818	1.15897	1.15897	0.811211	0.92139	-1.08532	0.870301	0.945627	-1.0575	0.466304	1.28871	1.28871	0.632081	1.17945	1.17945	0.676742	1.15425	1.15425	0.922729	0.79667	1.64793	1
cg12798040	XKCC3;XRCC3;XRCC3	0.884933	0.268977	2.19353	2.19353	0.578285	1.46689	1.46689	0.942338	0.951842	-1.05059	0.531024	0.648582	-1.54182	0.815461	0.852558	-1.17294	0.846889	1.14099	1.14099	0.286101	2.12944	2.12944	0.958251	1.03616	1.03616	0.770186	0.818839	-1.22124	0.429572	1.36835	0.55383	1
cg07331616	MACROD1;MACROD1	0.884942	0.248492	1.23316	1.23316	0.920108	1.01758	1.01758	?	?	0.827744	1.03858	1.03858	0.667387	0.927568	-1.078	?	?	0.677414	1.07539	1.07539	0.385405	0.85676	-1.16719	0.833585	1.03723	1.03723	0.769303	0.95019	-1.05242	0.411067	0.174666	0.424808	1
cg00197495	PPP1R3C;PPP1R3C	0.884964	0.785054	1.49174	1.49174	0.484969	0.354116	-2.82393	0.51925	0.384501	-2.60078	0.601675	2.16078	2.16078	0.356342	4.0063	4.0063	?	?	0.444311	1.32937	3.12937	?	?	0.722305	1.68543	1.68543	0.992594	1.03167	1.01367	0.411032	12.3839	30.1288	1
cg27112414	UBL4A	0.884997	0.185224	0.318789	-3.13687	0.711096	1.35354	1.35354	0.71457	0.741646	-1.34835	0.964762	1.0366	1.0366	0.783726	1.25091	1.25091	0.310633	0.425867	-2.34815	0.873432	1.13851	1.13851	0.907261	1.09947	1.09947	0.844618	0.852428	-1.17312	0.42066	4.50558	9.32122	1
cg27243624	PPM1H	0.884984	0.258789	1.94417	1.94417	0.530779	1.43088	1.43088	0.356708	1.70728	1.70728	0.799241	1.15466	1.15466	0.783554	1.1681	1.1681	0.788354	0.859136	-1.16396	0.279376	1.88626	1.88626	0.934129	0.954426	-1.04775	0.979519	0.985619	-1.01459	0.429638	2.12663	4.48259	1
cg18386829	UPF2;UPF2;UPF2	0.884997	0.53115	1.24778	1.24778	0.419165	1.40616	1.40616	0.704858	1.1536	1.1536	0.574945	1.2636	1.2636	0.725634	1.81243	1.81243	0.319595	1.52915	1.52915	0.940029	0.9804	0.9804	-1.03156	0.991207	1.25093	1.25093	0.888697	1.05953	1.05953	0.429616	1.16021	2.4005	1
cg16279149	LDX	0.88501	0.836534	1.14156	1.14156	0.874595	1.35889	1.35889	0.534376	4.4967	4.4967	0.453322	1.63158	1.63158	0.900308	1.2926	1.2926	0.452707	1.62371	1.62371	0.460608	1.61834	1.61834	0.806476	1.17033	1.17033	0.291606	0.495958	2.0163	0.529756	2.7942	5.78156	1
cg22622676	CENPF	0.885024	0.223466	0.752619	-1.32869	0.554548	1.14204	1.14204	0.837406	0.95537	-1.04671	0.408777	0.828843	-1.2065	0.390714	0.822495	-1.21581	0.841901	0.956596	-1.04537	0.850754	0.959011	-1.04274	0.51212	0.862665	-1.1592	0.723927	0.924226	-1.08199	0.429574	0.335887	0.695028	1
cg08123749	ZNF747	0.885024	0.329009	1.339	1.339	0.763964	1.35436	1.35436	0.552826	1.65826	1.65826	0.807049	1.15334	1.15334	0.694254	1.11933	1.11933	0.491854	1.816851	1.816851	0.72421	0.661001	1.51206	1.51206	0.441599	0.943902	-1.05954	0.575672	0.848857	-1.17805	0.429573	0.571277	1.18211	1
cg04898358	C14orf132;C14orf2	0.885033	0.492137	0.861823	-1.16033	0.784753	0.740947	-1.34962	0.927186	1.01967	1.01967	0.721989	0.926517	-1.07931	0.74672	1.07151	1.07151	0.80782	0.949383	-1.05332	0.943173	1.01531	1.01531	0.645859	0.848054	-1.17792	0.404963	0.833918	-1.19916	0.429559	0.309087	0.639596	1
cg00160022	ZNF423	0.885058	0.766256	0.949838	-1.08802	0.352612	0.318844	3.09428	0.593092	1.16654	1.16654	0.418781	0.790394	-1.26529	0.428735	0.794682	-1.25868	0.771501	1.08447	1.08447	0.362356	1.39399	1.39399	0.932564	1.01709	1.01709	0.948893	1.01842	1.01842	0.429518	0.551796	1.14194	1
cg05391643	GPN2	0.885064	0.781791	0.940402	-1.06337	0.362895	1.22992	1.22992	0.431352	1.03775	1.03775	0.558722	0.877338	-1.13981	0.656953	0.905816	-1.10398	0.608109	0.89185	-1.12126	0.677059	0.931477	-1.07312	0.425099	1.10752	1.10752	0.929509	0.933146	0.689461
cg00293191	HTA	0.885073	0.688648	0.760681	-1.31461	0.436762	0.581258	-1.72041	0.358121	0.526426	-1.8996	0.342176	0.94381	1.06381	0.855148	1.13213	1.13213	0.916552	0.931297	-1.07377	0.683042	0.756689	-1.32155	0.574568	1.23736	1.23736	0.571533	1.47447	1.47447	0.429405	3.11726	6.49292	1
cg05961935	ZEB2;ZEB2;ZEB2	0.885123	0.405821	0.865547	-1.1607	0.802073	1.03138	1.03138	0.34902	1.18404	1.18404	0.525592	1.11931	1.11931	0.486604	1.16842	1.16842	0.615158	0.690308	-1.44853	0.208357	1.19855	1.19855	0.49654	1.2028	1.2028	0.479113	1.14279	0.745666	1.05869	1.05869	0.429413	0.208827	0.432273	1
cg22223655	RTTN;RTTN	0.885128	0.987174	0.99221	-1.00785	0.820587	0.895376	-1.11685	0.497251	0.715133	-1.39834	0.742628	0.851879	-1.17387	0.783911	0.874825	-1.14309	0.440866	0.682239	-1.46576	0.114288	0.433576	-2.3064	0.786918	0.876504	-1.1409	0.730129	0.84946	-1.18349	0.429407	1.60963	3.332	1
cg07920236	BRP44L	0.885135	0.279836	1.69979	1.69979	0.466059	0.704498	-1.41945	0.621612	1.26482	1.26482	0.509889	1.1114	1.1114	0.573245	0.764324	-1.30834	0.954908	1.02706	1.02706	0.407857	1.49149	1.49149	0.960845	0.977084	-1.02345	0.997737	1.00134	1.00134	0.429395	1.5164	3.1991	1
cg01405135	DNAH17	0.885137	0.386457	0.53965	-1.85303	0.459478	1.62119	1.62119	0.710117	0.771514	-1.29615	0.460906	1.68462	1.68462	0.485126	0.61088	-1.63696	0.721502	1.28232	1.28232	0.485972	1.63534	1.63534	0.696124	0.763329	-1.31349	0.92291	1.00956	1.00956	0.429392	1.38259	0.79532	1
cg00904574	PLK3	0.885147	0.50585	1.21036	1.21036	0.604367	1.15931	1.15931	0.984725	1.00543	1.00543	0.728142	1.10373	1.10373	0.549181	1.18698	1.18698	0.161034	1.52713	1.52713	0.597134	1.16282	1.16282	0.645999	1.13974	1.13974	0.304084	1.35124	1.35124	0.429376	0.54393	1.12604	1
cg01884226	ABR;ABR;ABR	0.885158	0.469798	1.26491	1.26491	0.620445	1.02962	1.02962	0.503479	1.9532	1.9532	0.997637	1.0083	1.0083	0.416422	1.28313	1.28313	0.432245	2.00408	2.00408	0.257908	1.20303	1.20303	0.405626	1.23033	1.23033	0.597905	1.60013	1.60013	0.429342	0.61332	1.51878	1
cg01228339	CRTC3;CRTC3	0.885172	0.559423	1.18907	1.18907	0.357839	0.757739	-1.31972	0.610714	0.860177	-1.16255	0.246112	1.42742	1.42742	0.798251	1.07804	1.07804	0.874817	0.954799	-1.04734	0.847038	0.944917	-1.05829	0.761826	0.914679	-1.09328	0.784177	0.922615	-1.08388	0.429336	0.585268	1.21173	1
cg27108639	CACNA1H;CACNA1H	0.885202	0.379917	1.81634	1.81634	0.149726	2.78251	2.78251	0.51239	1.55311	1.55311	0.800428	1.58275	1.58275	0.716961	1.27282	1.27282	0.473123	1.735088	-1.36038	0.270292	0.616221	-1.62279	0.882197	0.939373	-1.06454	0.809296	1.10736	1.10736	0.429254	1.20948	2.50456	1
cg25780507	DPP6;DPP6;DPP6	0.885266	0.617419	0.75595	-1.32284	0.777592	1.17037	1.17037	0.369879	1.66795	1.66795	0.755735	1.1893	1.1893	0.280844	0.49563	-2.01764	0.784491	0.865	-1.15607	0.996039	1.00276	1.00276	0.881392	0.9204	-1.08648	0.587205	1.35599	1.35599	0.429184	2.00797	4.34512	1
cg19625216	ZNF572	0.885269	0.52751	1.37282	1.37282	0.631625	1.14785	1.14785	0.380704	1.24794	1.24794	0.725512	1.05345	1.05345	0.109177	0.786682	-1.27118	0.6386	1.58853	1.58853	0.120264	1.3682	1.3682	0.998802	0.999626	-1.00037	0.661204	1.1161	1.1161	0.429179	0.624168	0.873357	1
cg13300939	GP83;TL1	0.885273	0.70871	1.42785	1.42785	0.603309	0.606334	-1.64931	0.374469	0.420976	-2.37543	0.856707	0.842364	-1.18713	0.339076	0.392509	-2.54771	0.661447	1.51925	1.51925	0.626997	1.59166	1.59166	0.635461	1.57338	1.57338	0.556856	1.75759	1.75759	0.429173	6.12246	12.6806	1
cg13440599	ECE1;ECE1;ECE1;ECE1;ECE1	0.885286	0.439654	0.688457	-1.45252	0.354055	0.909255	-1.09978	0.756048	0.783248	-1.31883	0.550045	0.852456	-1.17652	0.647439	0.855316	-1.17211	0.498472	0.722204	-1.38465	0.738254	0.814966	-1.22731	0.606802	0.872359	-1.14626	0.854587	0.917016	-1.09032	0.429155	0.15264	0.31771	1
cg16498736	MECOM	0.88529	0.897078	0.05051	1.05051	0.523959	1.27877	1.27877	0.550768	0.796464	-1.25839	0.702421	1.14675	1.14675	0.155937	1.78248	1.78248	0.750193	1.12933	1.12933	1.12371	1.284	1.284	0.658832	1.18434	1.18434	0.754868	1.12666	1.12666	0.429146	0.985396	2.04105	1
cg12874035	CAMKV	0.88529	0.928042	0.951221	-1.05128	0.426472	1.56764	1.56764	0.376088	1.65354	1.65354	0.643267	1.29462	1.29462	0.536538	0.707154	-1.41412	0.789071	1.16003	1.16003	0.859369	0.906477	-1.10317	0.819123	0.880898	-1.13521	0.264278	1.9045	1.9045	0.429145	2.08341	4.31537	1
cg13747803	ZNF342;ZNF234	0.885297	?	?	?	?	2.92632	2.92632	0.513294	1.45541	1.45541	0.643264	2.6446	2.6446	?	?	?	?	0.881067	1.03525	1.03525	0.668374	1.81741	1.81741	0.355297	0.409052	0.486624	1.40255	1.40255	0.429052	0.80082	0.18602	1
cg07639483	ZBED4	0.885298	0.493047	1.45906	1.45906	0.644177	0.776908	-1.28455	0.633648	0.670033	-1.49246	0.277823	0.542019	-1.84495	0.553562	0.722361	-1.38435	0.583374	0.740379	-1.35066	?	?	0.89618	1.07342	1.07342	0.971678	0.980918	-1.01945	0.401492	1.70199	4.14621	1
cg27417740	MIR548H4	0.885308	0.562701	1.29044	1.29044	0.774766	0.745457	-1.34222	0.857375	0.870864	-1.14829	0.675431	0.831447	-1.20287	0.583328	0.857305	-1.16648	0.767056	1.30357	1.30357	0.277946	0.872316	-1.14642	0.930931	-1.27783	0.782708	0.454345	-2.20082	0.945188	1.00677	1.00677	0.429119	0.5045	0.98364	1
cg26119877	SLC25A21;SLC25A21	0.88532	0.980355	1.02106	1.02106	0.530502	0.584	-1.71233	0.921932	0.920373	-1.08652	0.430218	1.97698	1.97698	0.795213	0.802379	1.24629	0.726345	0.742719	-1.3464	0.185143	0.304364	-3.28554	0.770915	1.28037	1.28037	0.809139	1.22732	1.22732	0.429098	0.86956	10.0874	1
cg21182423	LMX1B	0.885331	0.454424	1.23036	1.23036	0.721302	0.907147	-1.10236	0.406395	0.793674	-1.25996	0.999361	0.999783	-1.00022	0.358554	1.29286	1.29286	0.954861	0.984718	-1.01552	0.51871	0.836940	-1.19482	0.66009	1.12537	1.12537	0.569418	0.855191	-1.16933	0.4098	0.503008	1.04204	1
cg09975586	E2F3	0.885339	0.697847	1.1759	1.1759	0.850127	0.857707	-1.16579	0.607617	0.638999	-1.56477	0.671609	0.748896	-1.33567	0.671609	0.748896	-1.33567	0.841447	1.25621	1.25621	0.642423	0.557233	1.79423	1.79423	0.366016	0.677966	-1.475	0.98123	0.99014	-1.00975	0.568832	1.26889	1.26889	0.429067	1.16214	2.40758	1
cg09322555	PSMB9;PSMB9	0.885342	0.90813	1.04164	1.04164	0.333739	1.4224	1.4224	0.85668	1.06597	1.06597	0.765483	0.899679	-1.11151	0.486368	0.778834	-1.28397	0.48285	1.28665	1.28665	0.499077	1.27443	1.27443	0.607508	0.832691	-1.20093	0.530854	0.799032	-1.25151	0.429063	0.848705	1.75826	1
cg15305780	TRPC4AP;TRPC4AP	0.885342	0.500407	1.25977	1.25977	0.793605	0.939344	-1.06496	0.954104	0.988364	-1.01092	0.447633	0.988344	-1.01095	0.447633	0.988344	-1.01095	0.431008	0.79579	-1.25605	0.357383	0.861373	-1.16094	0.447594	1.22703	1.22703	0.708504	0.907059	1.10258	0.829271	1.20588	0.429059	0.526435	1.09061	1
cg23894587	ZFR2	0.885363	0.536349	1.35892	1.35892	0.823949	1.11564	1.11564	0.282988	0.579032	-1.72702	0.921122	1.0497	1.0497	0.450108	0.685096	-1.45781	0.733377	0.845801	-1.18231	0.817424	0.892914	-1.11993	0.367703	1.55942	1.55942	0.974818	1.01558	1.01558	0.429028	1.63013	3.3774	1
cg09826395	WDR20	0.885395	0.471568	2.02893	2.02893	0.662111	0.653883	-1.52933	0.155447	0.34295	-2.94295	0.570886	0.34952	0.34952	0.417233	2.22766	2.22766	0.760056	1.34439	1.34439	0.795824	1.28469	1.28469	0.988949	0.986708	-1.01347	0.865515	1.17793	1.17793	0.428977	6.34142	13.1401	1
cg06426831	SLC5A3	0.885993	0.370252	1.6	1.6	0.498423	1.14823	1.14823	0.576666	0.88342	-1.13164	0.830567	1.02916	1.02916	0.748044	0.910997	-1.09837	-1.02	1.02	1.02	0.939639	1.12355	1.12355	0.641008	0.979579	-1.02106	0.918825	1.02813	1.02813	0.428974	0.524435	0.69065	1
cg11094122	SAMHD1	0.885397	0.363628	0.836614	-1.19529	0.783615	0.948286	-1.05453	0.793236	0.951082	-1.05103	0.495921	0.950347	-1.05197	0.495921	0.950347	-1.05197	0.990454	0.997717	-1.00229	0.926671	0.775316	-1.28979	0.237099	0.804528	-1.24296	0.546777	0.890011	-1.12358	0.428973	0.248046	0.513983	1
cg00110053	KIF3B	0.885397	0.95148	1.05048	1.05048	0.127241	1.12184	1.12184	0.51182	1.1349	1.1349	0.530588	1.14493	1.14493	0.144495	0.873687	-1.14493	0.881043	1.14334	1.14334	0.211441	1.17963	1.17963	0.646071	1.22594	1.22594	0.488693	1.17693	1.17693	0.428968	0.64221	1.50521	1
cg08341978	RERE;RERE	0.885401	0.916073	1.02588	1.02588	0.937882	0.981284	-1.01907	0.525474	0.855591	-1.16878	0.752929	0.97955	1.02095	0.755355	0.910662	-1.09837	0.826073	0.948051	-1.0548	0.947472	0.9161	0.9161	0.988296	1.06742	1.06742	0.324147	1.27997	1.27997	0.428967	0.399218	0.827244	1
cg08944561	FIT5	0.885411	0.250994	1.64097	1.64097	0.862762	0.924244	-1.08197	0.275997	0.597448	-1.67379	0.85887	0.98948	1.01072	0.672866	1.21333	1.21333	0.556797	1.02497	1.02497	0.910364	1.14205	1.14205	0.994253	0.939626	-1.19101	0.952564	1.04975	1.04975	0.428951	1.40948	2.91871	1
cg23239078	CDKN1C;CDKN1C;CDKN1C DISC1;TSNAX-DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;DISC1;DISC1;DISC1;TSNAX-DISC1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T 127 vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(537T 537 vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T vs. N)	p-value(563T 637 vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg12688781	AAC1	0.886614	0.856355	1.0494	1.0494	1.067455	1.01092	1.01092	0.894093	0.9654467	1.033577	0.524781	0.842386	-1.1871	1.711337	1.10398	1.10398	0.268078	1.736107	-1.3581	0.332307	1.30449	1.30449	0.620276	1.54215	1.54215	0.789199	0.93114	1.073785	0.427012	0.478066	0.997039	1
cg02683985	PDGFA/PDGFA,PDGFA/PDGFA	0.88662	0.647036	1.08701	1.08701	0.903749	0.978346	-1.02213	0.250376	1.24279	1.248729	0.289533	1.220011	1.220011	0.958005	1.00957	1.00957	0.812566	1.04392	1.04392	0.948148	0.896184	-1.11584	0.577395	1.10723	1.10723	0.603526	1.09945	1.047002	0.221459	0.241059	0.46101	1
cg14955151	TRIM47;TRIM47	0.886628	0.830442	1.03503	1.03503	0.700293	0.939795	-1.06406	0.972025	0.994386	-1.00565	0.646314	1.077	1.077	0.707989	1.06227	1.06227	0.443402	1.13366	1.13366	0.791202	0.958296	-1.04352	0.624056	1.08253	1.08253	0.153976	1.27765	1.27765	0.426989	0.174294	0.362837	1
cg26574479	C10orf113;NEIL	0.886645	0.297587	1.51901	1.51901	0.944621	1.027267	1.027267	0.960341	1.01499	1.031499	0.48263	1.058603	-1.13973	0.381535	1.706455	-1.41552	1.562716	1.797256	-1.2583	0.702776	1.16002	1.16002	0.726419	1.14569	1.14569	0.703165	1.16163	1.163163	0.426961	1.013697	2.11041	1
cg04264042	ATP6V0A1;ATP6V0A1;ATP6V0A1	0.886649	0.596098	1.52543	1.52543	0.986257	0.986495	-1.01369	0.587998	1.54002	1.54002	0.982928	1.01764	1.01764	0.893554	0.899706	-1.11147	0.446118	1.84613	1.84613	0.254897	2.55595	2.55595	0.459445	1.81234	1.81234	0.262391	2.52145	2.521455	0.425962	0.421412	0.87349	1
cg26870337	ZBTB40;ZBTB40	0.886661	0.227442	0.733659	-1.36303	0.81101	0.943126	-1.0603	0.955568	0.986473	-1.01371	0.99598	0.877398	-1.13973	0.65174	0.894886	-1.11746	0.624286	1.12824	1.12824	0.459348	1.2023	1.2023	0.513083	0.850327	-1.17602	0.705175	0.901275	-1.09736	0.426936	0.403999	0.841134	1
cg04549460	RSPO2	0.886661	0.667988	1.12184	1.12184	0.378277	0.785948	-1.27235	0.291841	1.33832	1.33832	0.916299	0.972377	-1.02841	0.5	1.20012	1.20012	0.613058	0.87295	-1.14554	0.68244	0.896185	-1.11584	0.787342	1.0747	1.0747	0.740927	1.09243	1.09243	0.426935	0.480043	0.99946	1
cg23845945	SIN3A	0.886666	0.955026	0.991805	-1.00457	0.53824	0.871138	-1.14792	0.773084	0.959163	-1.04258	0.74525	0.954069	-1.04814	0.449778	1.11748	1.11748	0.558885	1.14644	1.14644	0.747268	0.91644	-1.09074	0.457856	0.896703	-1.1152	0.90176	1.01797	1.017797	0.426939	0.140644	0.292829	1
cg25806370	THOP1	0.886679	0.816896	0.887032	-1.12735	0.616926	1.29778	1.29778	0.645634	0.787169	-1.27038	0.814257	1.12935	1.12935	0.536737	0.599343	1.66849	0.251788	0.538594	-1.85669	0.662605	1.25472	1.25472	0.614833	0.76933	-1.29983	0.658359	0.794532	-1.2586	0.426908	1.80619	3.76077	1
cg11884704	SLC25A25,SLC25A25	0.886685	0.711314	0.839555	-1.19139	0.415832	0.675851	-1.47962	0.744831	1.16631	1.16631	0.693829	1.20489	1.20489	0.62208	0.79132	-1.26371	0.574269	0.765369	-1.30655	0.25925	0.574383	-1.741	0.811312	0.893447	-1.11926	0.514096	1.36575	1.36575	0.426897	1.50047	3.12429	1
cg24254377	LDLRAD2;HSPG2	0.886703	0.391084	1.659264	1.659264	0.949864	0.904261	-1.05491	0.536399	0.723562	-1.38205	0.976437	1.120538	1.120538	0.69772	0.892756	-1.12006	0.473974	0.685186	-1.45946	0.769447	1.1637	1.1637	0.56877	0.74258	-1.34666	0.254243	0.540538	1.850081	0.426868	1.805226	3.75918	1
cg06949789	NKIRAS1;RPL15	0.886751	0.404938	0.797181	-1.25442	0.930923	0.977201	-1.02333	0.992521	1.0025	1.0025	0.9146	1.02895	1.02895	0.43827	0.808235	-1.23726	0.801103	0.935057	-1.06945	0.26437	0.733845	-1.36268	0.9786	0.99289	-1.00736	0.407677	1.25269	1.252691	0.426791	0.478296	0.99616	1
cg26494542	LMF1	0.886753	0.92632	1.079202	-1.17407	0.462712	0.906809	-1.43718	0.933645	1.04123	1.04123	0.519196	0.728313	-1.37304	0.472111	0.701284	-1.42595	0.451414	0.689185	-1.45099	0.486439	0.709576	-1.40929	0.390931	0.591763	-1.68987	0.952621	0.971584	-1.02925	0.42678	1.55008	3.31366	1
cg16244715	SIPA1L2	0.886781	0.337332	1.57809	1.57809	0.223532	1.25631	1.25631	0.797956	1.1256	1.1256	0.355977	1.56945	1.56945	0.209506	1.8405	1.8405	0.480062	1.3839	1.3839	0.416316	1.4669	1.4669	0.871698	1.07739	1.07739	0.824484	1.10788	1.107884	0.426742	1.43768	2.99464	1
cg08758727	DOPEY2	0.886787	0.912215	1.04993	1.04993	0.547234	0.764039	-1.30883	0.417601	0.693492	-1.44198	0.652496	0.818497	-1.22175	0.27389	0.604664	-1.65381	0.392429	0.679005	-1.47274	0.70106	1.01672	1.01672	0.510717	1.34335	1.34335	0.977367	0.987543	-1.01261	0.426733	1.3195	2.74852	1
cg12309938	FARP1	0.886789	0.480586	1.48688	1.48688	0.974035	0.976198	-1.02569	0.815817	1.13989	1.13989	0.304455	1.81625	1.81625	0.160504	1.60962	1.60962	0.739418	1.51912	-1.0841	0.422684	1.64	1.64	0.604164	1.2759	1.2759	0.384174	1.86698	1.866698	0.674312	0.788856	-1.26766	0.427329	1.2261	2.43291	1
cg26195495	ARHGEF10	0.88682	0.756692	1.231	1.231	0.90779	0.925442	-1.08056	0.689805	1.30772	1.30772	0.633968	1.37819	1.37819	0.475446	0.615515	-1.62466	0.703957	0.774689	-1.29084	0.310122	0.495433	-2.01843	0.427223	0.581533	-1.71959	0.531767	1.52739	1.527392	0.426678	3.0219	6.29546	1
cg04320044	C16orf59	0.886836	0.565909	1.87547	1.87547	0.220136	1.36272	1.36272	0.30173	3.07277	3.07277	0.479945	2.12651	2.12651	0.491209	2.22982	2.22982	0.580878	1.79513	1.79513	0.421188	2.36824	2.36824	0.82789	1.26021	1.26021	0.510074	2.01279	2.012793	0.426653	7.41946	15.4973	1
cg04026109	MICAL1;MICAL1	0.886891	0.740389	1.84744	-1.18002	0.278433	1.75251	1.75251	0.334957	1.63253	1.63253	0.164305	1.70964	1.70964	0.751158	0.876234	-1.14125	0.924506	0.953912	-1.04831	0.525097	1.65841	1.65841	0.787702	0.874265	-1.14382	0.843175	1.10363	1.103634	0.426414	1.67417	3.48893	1
cg23088508	PACRGL;PACRGL	0.886946	0.939216	1.0289	1.0289	0.973022	0.987447	-1.01271	0.975687	0.98868	-1.01145	0.461066	0.75555	-1.32354	0.79926	0.909201	-1.09987	0.505907	1.28677	1.28677	0.167928	1.73146	1.73146	0.969978	0.98604	-1.01416	0.843401	0.928782	-1.07668	0.426475	0.942486	1.96439	1
cg04525952	GLI32	0.886958	0.717409	0.83831	-1.20739	0.747855	0.881586	-1.13497	0.542765	1.3762	1.3762	0.7979	0.996837	-1.00116	0.182478	0.480299	-2.08204	0.838379	0.899554	-1.11166	0.380456	0.627317	-1.59409	0.891554	0.93206	-1.07264	0.896433	0.888062	-1.12605	0.426456	1.81452	3.78211	1
cg21453347	ZBTB40;ZBTB40	0.88696	0.463929	1.31022	1.31022	0.449537	1.3222	1.3222	0.410252	1.35693	1.35693	0.56027	1.23797	1.23797	0.352557	1.43665	1.43665	0.801103	0.935057	-1.06945	0.26437	0.733845	-1.36268	0.9786	0.99289	-1.00736	0.407677	1.25269	1.252691	0.426791	0.478296	0.99616	1
cg21437377	HEL15	0.886962	0.876757	0.892102	-1.12048	0.437881	0.985447	1.00146	0.938605	1.00025	1.00025	?	?	?	?	?	?	0.759574	1.1903	1.1903	0.183507	1.20361	1.20361	0.807227	0.99313	1.00687	0.991763	1.68987	0.952621	0.971584	-1.02925	0.42678	1.55008	3.31366	1
cg05147654	PTPRN2;PTPRN2;PTPRN2	0.886984	0.718672	0.886505	-1.12803	0.254625	0.672931	-1.48604	0.726984	0.888827	-1.12381	0.451602	0.774605	-1.29098	0.498845	0.795619	-1.25688	0.650156	1.16422	1.1642	0.898741	1.04331	1.04331	0.837748	0.939997	-1.07067	0.298103	0.698244	-1.43216	0.426414	0.748956	1.56125	1
cg00187740	LANCL2	0.887007	0.318153	1.41296	1.41296	0.623036	1.180156	1.180156	0.31416	0.801214	-1.24811	0.692312	0.875243	-1.14254	0.91422	0.964544	-1.03676	0.888816	1.04798	1.04798	0.285981	1.44954	1.44954	0.810162	0.922538	-1.08397	0.770265	0.906553	-1.10308	0.426378	0.75798	1.5802	1
cg24076474	RGL1;RGL1;CCDC151	0.887007	0.353075	1.4555	1.4555	0.76705	0.876198	-1.14131	0.421693	0.937505	-1.21569	0.513777	0.490712	-1.20358	0.531777	0.662962	-1.50962	0.556645	0.515207	-1.94056	0.554187	0.598139	1.67218	0.522857	1.91255	-1.86163	0.601862	1.80697	1.806797	0.426376	8.53104	17.7851	1
cg07029397	NUCB2	0.887034	?	?	?	0.461682	0.376974	-2.6527	0.921975	1.13604	1.13604	0.99493	1.00831	1.00831	0.936712	0.901775	-1.10892	0.78316	1.43213	1.43213	0.476237	2.56786	2.56786	0.296461	4.09339	4.09339	0.416674	2.94676	2.946767	0.407676	9.72814	23.8624	1
cg26841611	ZSWIM6	0.887035	0.879223	0.938456	-1.06556	0.822844	1.07218	1.07218	0.748375	1.12061	1.12061	0.882749	0.890305	1.12353	0.444864	0.8965	-1.11562	1.437221	1.14721	1.14721	0.373562	0.684051	-1.46188	0.422189	0.900937	-1.1075	0.848421	0.916471	-1.09114	0.426319	1.17821	2.45961	1
cg14475758	HLA-DMA;HLA-DMA	0.887047	0.305732	0.415029	-2.40947	0.463558	0.538651	-1.85649	0.796953	1.23838	1.23838	0.46725	1.84672	1.84672	0.521589	0.583519	-1.71374	0.540702	0.598362	-1.67123	0.763963	1.2761	1.2761	0.777586	1.26442	1.26442	0.801247	1.23265	1.232653	0.426319	0.6429	0.9806	1
cg24460544	PRDM16;PRDM16	0.887064	0.463612	0.707241	-1.41395	0.474265	1.402	1.402	0.420762	1.46508	1.46508	0.733865	0.853461	-1.1717	0.317655	0.61902	-1.61546	0.845229	0.913248	-1.09499	0.579144	0.770944	-1.29711	0.898526	1.06103	1.06103	0.849456	0.915004	-1.09289	0.426284	1.45559	3.03519	1
cg02123547	PIM1	0.887067	0.562284	1.889408	1.889408	0.215126	0.959944	-1.04844	0.728251	1.16563	1.16563	0.72183	1.07221	0.888113	0.197302	0.481258	-2.07783	0.539707	0.688153	-1.45237	0.790357	1.13438	1.13438	0.752511	1.12513	1.12513	0.846359	0.964284	-1.03594	0.426307	0.267949	0.562509	1
cg08491363	CNNM1	0.887082	0.466825	1.18824	1.18824	0.726217	0.920335	-1.08656	0.661979	0.902609	-1.1079	0.41388	1.21478	1.21478	0.372636	1.23554	1.23554	0.535227	1.15749	1.15749	0.493555	1.1758	1.1758	0.731662	1.06859	1.06859	0.581341	1.078336	-1.13852	0.426255	0.366262	0.763783	1
cg07204479	WDR81B;GALNT4;GALNT4	0.887084	0.760998	1.09569	1.09569	0.477881	0.648047	1.03146	0.538565	0.743648	-1.34398	0.626292	0.72803	-1.37803	0.545282	0.626937	-1.59579	0.613835	1.0209	1.0209	0.948507	0.939556	1.06427	0.99313	1.00687	0.991763	-1.00831	0.978997	1.020223	-1.04027	0.426423	0.348522	1
cg23956068	RPRD1A	0.887092	0.51623	1.75791	1.75791	0.63517	0.663891	-1.50627	0.968786	1.0341	1.0341	0.512806	0.566165	-1.76627	0.831097	1.20089	1.20089	0.459932	1.90565	1.90565	0.304562	0.402017	-2.48745	0.873776	0.826718	-1.14598	0.49506	0.552239	-1.81081	0.426239	0.95862	10.3408	1
cg18270629	PAK6;PAK6;PAK6	0.887105	0.482669	1.61526	1.61526	0.775546	0.825211	-1.21181	0.838803	0.87207	-1.1467	0.690085	1.30912	1.30912	0.463023	1.65206	1.65206	0.757264	0.811924	-1.23164	0.333407	1.95515	0.95515	0.396354	1.79265	1.79265	0.362544	1.8756	1.8756	0.426218	0.104868	6.3581	1
cg02320161	LRRC40;SFRS11	0.887127	0.444857	1.27146	1.27146	0.437881	0.748647	1.03146	0.538565	0.743648	-1.34398	0.626292	0.72803	-1.37803	0.545282	0.626937	-1.59579	0.613835	1.0209	1.0209	0.948507	0.939556	1.06427	0.99313	1.00687	0.991763	-1.00531	0.979958	1.01554	1.011554	0.426192	2.55394	5.32664	1
cg26203583	DCUN1D5;DCUN1D5	0.887122	0.44042	0.860788	-1.16173	0.458898	0.866152	-1.15453	0.777095	1.05557	1.05557	0.842846	0.962886	-1.03854	0.765644	1.05861	1.05861	0.928848	0.983127	-1.01716	0.30468	0.81666	-1.2245	0.528692	0.885492	-1.12932	0.289118	0.810861	-1.23326	0.426192	0.245045	0.511079	1
cg08732423	DSBP2	0.887127	0.200343	0.676631	-1.47849	0.206295	0.863186	-1.16389	0.707351	1.14726	1.14726	0.407796	1.42776	1.42776	0.307192	1.16622	1.16622	0.59708	0.83547	-1.19688	0.410198	0.763467	1.31022	0.710387	0.763455	1.31022	0.449447	1.0915	1.0915	0.915773	0.924498	-1.08167	0.634153	1.44847	1.448467	0.426119	0.562796	1.12738	1
cg08187726	NUP107	0.887138	0.704125	1.06295	1.06295	0.631153	1.09441	1.09441	0.799074	1.04872	1.04872	0.864189	1.08124	1.08124	0.232444	0.546456	0.868104	0.714777	1.06361	1.06361	0.982444	1.00411	1.00411	0.252949	1.24943	1.24943	0.282933	1.2313	1.2313	0.426165	0.234757	0.489653	1
cg13671841	KCNA4	0.88715	0.60222	1.32835	1.32835	0.411242	1.5741	1.5741	0.93919	1.04206	1.04206	0.650556	1.2792	1.2792	0.533035	1.40623	1.40623	0.572534	1.36057	1.36057	0.247347	1.92146	1.92146	0.397927	1.59574	1.59574	0.587476	0.743969	-1.34414	0.426146	1.96769	4.10417	1
cg26132084	CXCL3	0.887163	0.736309	1.07555	1.07555	0.852644	1.18586	1.18586	0.707351	1.14726	1.14726	0.407796	1.42776	1.42776	0.307192	1.16622	1.16622	0.817135	1.08964	1.08964	0.736177	1.18944	1.18944	0.963175	1.03815	1.03815	0.839973	1.26486	1.264863	0.426119	1.44847	3.02496	1
cg19977683	IVD;IVD	0.887192	0.684769	0.857045	-1.1668	0.860599	1.08069	1.08069	0.837243	1.08085	1.08085	0.837243	1.08085	1.08085	0.837243	1.08085	1.08085	0.443577	0.74027	-1.35094	0.876945	1.03145	1.03145	0.860433	0.85043	-1.17539	0.852589	0.944824	1.06011	1.060113	0.426119	0.690426	-1.92938	0.341636	1.0491	0.252949	1.24943	1.25293	0.282933	1.2313	1.2313	0.426165	0.234757	0.489653	1
cg09672931	TRA2B	0.887203	0.763276	1.11053	1.11053	0.625602	0.992427	-1.00728	0.972747	1.01298	1.01298	0.737663	1.13181	1.13181	0.963049	0.8162	-1.22517	0.907605	0.971201	-1.04868	0.617074	0.66284	1.66284	0.437349	0.760705	-1.31476	0.918162	0.97081	-1.03007	0.426106	0.853104	1.97281	1
cg18335290	UIMS2;UIMS2	0.887208	0.605855	0.708794	-1.41085	0.694684	0.770399	-1.29803	0.560307	1.47611	1.47611	0.900965	1.08581	1.08581	0.416765	0.577652	-1.73115	0.380042	0.551321	-1.81383	0.309613	0.498942	-2.00424	0.447752	0.595017	-1.66801	0.611998	0.713027	-1.40247	0.426052	2.95048	6.1557	1
cg26397185	IQSEC1;IQSEC1	0.887213	0.327284	1.62824	1.62824	0.621661	1.2445	1.2445	0.518619	1.12819	1.12819	0.826096	1.17483	1.17483	0.335288	1.45441	1.45441	0.737504	0.684051	-1.46188	0.422189	0.900937	-1.1075	0.848421	0.916471	-1.09114	0.426319	1.17821	2.45961	1
cg01169873	VAT1L	0.887217	0.884339	0.897548	-1.11433	0.748472	0.914287	-1.45827	0.430244	0.721914	-1.38534	0.778358	0.900257	-1.11079	0.726934	0.770796	-1.29736	0.843368	0.863381	-1.15824	0.705754	1.32533	1.32533	0.554407	0.959338	1.042377	0.990587	0.991545	-1.00853	0.426037	3.72055	7.7626	1
cg24720192	CYP19A1	0.887231	0.549823	1.76318	1.76318	0.730602	0.723279	-1.38259	0.76008	0.750455	-1.33252	0.612679	0.619722	-1.61363	0.767151	1.32089	1.32089	0.351757	2.45514	2.45514	0.25839	0.331113	-3.02011	0.98452	0.98198	-1.01835	0.911156	1.11028	1.11028	0.426015	0.92708	12.367	1
cg09550045	LOC400794;LRRC52	0.887232	0.662284	1.889408	1.889408	0.215126	0.959944	-1.04844	0.728251	1.16563	1.16563	0.72183	1.07221	0.888113	0.197302	0.481258	-2.07783	0.539707	0.688153	-1.45237	0.790357	1.13438	1.13438	0.752511	1.12513	1.12513	0.846359	0.964284	-1.03594	0.426307	0.267949	0.562509	1
cg16179674	PFKFB3;PFKFB3	0.887242	0.570661	1.15945	1.15945	0.477195	0.41142	1.41142	0.990629	0.994116	-1.00562	0.274557	1.71952	1.71952	0.776452	1.14537	1.14537	0.460067	1.43134	1.43134	0.235596	1.80877	1.80877	0.502926	1.38285	1.38285	0.858553	0.918463	-1.08878	0.426004	1.53377	3.20032	1
cg03543157	MIR548F5;NIBEA;MIA82L1	0.887247	0.914949	0.887816	-1.12636	0.246026	0.845827	1.03187	0.838587	0.432726	2.43942	2.43942	0.493517	0.460754	-2.17036	0.901189	0.932737	-1.07206	0.997853	0.997853	0.961088	1.003	1.003	0.624149	0.577145	-1.73257	0.810192	0.962546	-1.30735	0.642865	0.96369	17.4654	1
cg24749947	ACVR1;ACVR1;ACVR1	0.887288	0.852906	0.944222	-1.05896	0.585299	0.994329	-1.0057	0.736615	1.03146	1.03146	0.538565	0.743648	-1.34398	0.626937	1.59579	1.59579	0.626826	0.860343	0.860343	0.162339	1.16233	1.16233	0.560531	0.86232	-1.16009	0.785159	0.919119	-1.088	0.425923	0.642644	1.84318	1
cg07173973	OAZ3;MRFI1	0.887291	0.459195	1.69729	1.69729	0.526427	1.5692	1.5692	0.502098	1.61313	1.61313	0.168784	2.79898	2.79898	0.976364	0.979418	-1.02101	0.34796	1.97057	1.97057	0.736114	1.26799	1.26799	0.834458	1.15824	1.15824	0.617585	1.42381	1.423811	0.425917	0.32382	0.69381	1
cg03307052	DHRS78	0.887294	0.254325	0.806042	-1.24026	0.274557	1.0928	1.0928	0.374585	1.2562	1.2562	0.187876	1.39501	1.39501	0.196204	1.42055	1.42055	0.568043	1.57251	1.57251	0.211148	2.80836	2.80836	0.427258	1.79353	1.79353	0.741399	2.29664	2.296641	0.425912	0.41078	0.66278	1
cg20229931	LSS;LSS;LSS;LSS	0.887326	0.927368	1.06135	1.06135	0.350316	1.8666	1.8666	0.786448	1.19405	1.19405	0.577218	1.44453	1.44453	0.320162	0.511265	-1.95593	0.643247	1.35609	1.35609	0.927433	1.0613	1.0613	0.424165	0.586802	-1.70415	0.939562	1.05077	1.050777	0.425861	2.87668	6.00442	1
cg13703062	ZNF24;ZNF24	0.887329	0.392099	1.18062	1.18062	0.86005	1.12631	1.12631	0.855076	1.26505	1.26505	0.628421	1.88085	1.88085	?	?	?	?	?	?	?	?	?	?	0.530904	-1.88346	0.96196	0.690288	0.602526	-1.65968	0.335924	0.59472	10.1109	1
cg03404106	SPRY3;SPRY3	0.887335	0.20926	9.26648	9.26648	0.893068	1.25163	1.25163	0.918518	1.18711	1.18711	0.76458	0.605692	-1.651	?	?	?	0.325982	5.47726	5.47726	0.211293	12.2591	12.2591	0.765762	0.930879	-1.07425	0.804464	0.794572	-1.25854	0.402106	15.4037	33.5778	1
cg02571907	ADPRH	0.88742	0.86088	0.949844	-1.0528	0.470755	1.24014	1.24014	0.252377	0.704178	-1.4201	0.659162	0.877914	-1.13906	0.957551	0.984507	-1.01574	0.675578	1.13141	1.13141	0.541685	0.834253	-1.19868	0.940753	0.978431	-1.02204	0.485005	1.23139	1.231139	0.425709	0.580168	1.2114	1
cg13703762	ZMAT2	0.887426	0.466433	1.50407	1.50407	0.512353	1.24423	1.24423	0.73454	1.31854	1.31854	0.642772	1.75607	1.75607	0.532158	1.60966	1.60966	0.77428	1.34546	1.34546	0.208621	3.15447	3.15447	0.242442	1.64238	1.64238	0.364427	1.15417	1.077183	1.19001	1.19001	0.425704	1.9702	4.28793	1
cg04251055	MGAT5B;MGAT5B	0.887426	0.33104	3.93921	3.93921	0.936602	2.30153	2.30153	0.366178	3.55762	3.55762	0.456602	2.85988	2.85988	0.576483	2.57634	2.57634	0.216287	2.62687	2.62687	0.208621	3.15447	3.15447	0.242442	1.64238	1.64238	0.364427	1.15417	1.077183	1.19001	1.19001	0.425704	1.9702	4.28793	1
cg06767314	ABI1	0.887443	0.761624	1.09569	1.09569	0.477881	0.648047	1.03146	0.538565	0.743648	-1.34398	0.626292	0.72803	-1.37803	0.545282	0.626937	-1.59579	0.613835	1.0209	1.0209	0.948507	0.939556	1.06427	0.99313	1.00687	0.991763	-1.00531	0.979958	1.01554	1.011554	0.426192	2.55394	5.32664	1
cg01074001	ABCC1;ABCC1;ABCC1;ABCC1;ABCC1	0.887436	0.831105	1.04794	1.04794	0.287685	1.27381	1.27381	0.775987	1.06454	1.06454	0.341306	1.23983	1.23983	0.674721	1.09696	1.09696	0.409234	1.20327	1.20327	0.230086	1.31792	1.31792	0.982832	1.00473	1.00473	0.811283	1.05384	1.053884	0.425683	0.32405	0.676664	1
cg23126152	SSH1;SSH1;SSH1 CALD1;CALD1;CALD1;CALD1;CALD1	0.887482	0.337648	0.621006	-1.61029	0.253926	0.563151	-1.77572	0.563397	0.754615	-1.32518	0.785294	0.876681	-1.14067	0.657705	0.816501	-1.22474	0.814061	0.892657	-1.12025	0.522853	0.731898	-1.36631	0.650593	1.24579	1.24579	0.644161	1.25128	1.251128	0.425928	1.56582	3.27024	1
cg04874031	LD1	0.887483	0.842181	0.921654	-1.08501	0.323414

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(111 vs. N)	Fold-Change(111 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 217 vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg19249110	TSNARE1		0.888587		0.21852	1.639541	1.19998	1.19998	0.888025	0.944599	-1.05977	0.1702	1.75866	1.758866	0.838641	1.08199	0.998072	0.999067	-1.00093	0.257601	1.57867	1.57867	0.841674	1.08036	1.08036	0.943627	0.97304	-1.02771	0.4238118	1.00256	2.10272	
cg01113597	COL27A1		0.888607		0.337689	0.763392	-1.30994	0.943152	0.980829	-1.01955	0.821862	1.06354	0.621589	0.872924	-1.14558	0.664768	0.887723	-1.12648	0.443544	0.807842	-1.23787	0.19034	0.68466	-1.46058	0.516909	0.835689	-1.19662	0.657205	0.885148	-1.12975	0.423784	0.500798	1.05043	1
cg04211344	KCNQ1;KCNQ1		0.888627		0.513356	0.682617	-1.46495	0.93498	1.04812	1.04812	0.602534	1.35343	1.35343	0.519784	0.686704	-1.45623	0.386688	0.599819	-1.66717		0.998712	0.999071	-1.00093	0.868612	1.10006	1.10006	0.479346	0.660859	-1.51318	0.264066	0.511418	-1.95535	0.423752	2.22678	4.67104	1
cg08491247	TAOK1		0.888674		0.405968	1.55309	1.55309	0.952184	0.969414	-1.03154	0.773437	1.16122	1.16122	0.596012	1.31922	1.31922	0.258589	1.84114	1.84114		0.445568	1.4958	1.4958	0.598206	0.759266	-1.31703	0.635432	0.780801	-1.28057	0.956407	1.02871	1.02871	0.423676	1.79927	3.77405	1
cg08062273	UMD1		0.888675		0.771137	0.878316	-1.13854	0.676607	1.20514	1.20514	0.281546	1.64517	1.64517	0.695448	1.19126	1.19126	0.860639	0.924808	-1.08131		0.732344	0.858375	-1.16499	0.741469	1.15867	1.15867	0.507653	0.74157	-1.34849	0.327008	1.5685	1.5685	0.423674	1.32779	2.78577	1
cg01901290	FAM110A;FAM110A;FAM110A		0.888684		0.318606	1.40144	1.40144	0.843094	1.13457	1.13457	0.831146	1.35934	1.35934	?	?	?	0.315726	1.44319	1.44319		0.365279	1.30729	1.30729	0.945177	1.10392	1.10392	0.986287	1.02502	1.02502	0.959382	1.07597	1.07597	0.404989	1.71486	29.0987	1
cg17448168	TIPIL;TIPIL PAX8;PAX8;LOC545433;PAX8;PAX8;PAX		0.888705		0.825581	0.908354	-1.10089	0.893618	1.06	1.06	0.481444	0.732249	-1.36566	0.9513	1.02696	1.02696	0.249365	1.68931	1.68931		0.673571	0.831501	-1.20264	0.932223	0.963631	-1.03774	0.353046	1.51615	1.51615	0.662552	1.21075	1.21075	0.423625	1.27256	2.6702	1
cg23566464	B;LOC440389		0.888706		0.408756	0.513874	-1.946	0.840053	0.952784	-1.17262	0.881112	0.888759	-1.12516	0.407095	0.512605	-1.95082	0.432291	0.531792	-1.88043		0.305387	0.433311	-2.30781	0.318964	0.44415	-2.25149	0.342954	0.46307	-2.1595	0.707055	0.742673	-1.34649	0.423624	4.16594	8.74137	1
cg23044130	PLCD1;PLCD1;PLCD1		0.888707		0.384241	0.796072	-1.25617	0.527343	0.848987	-1.17787	0.360951	0.786569	-1.27134	0.486428	0.834619	-1.19815	0.541618	0.853893	-1.17111		0.573919	0.864818	-1.15631	0.279115	0.750019	-1.3333	0.313276	0.765967	-1.30554	0.497614	0.838596	-1.19247	0.423622	0.438437	0.919975	1
cg17943212	FOXI3		0.888874		0.431545	0.807284	-1.23896	0.764648	1.1979	1.1979	0.505623	1.77007	1.77007	0.620397	0.655376	1.52554	0.559824	0.481555	2.07739		0.419088	0.497594	-2.00967	0.404926	0.486549	-2.05529	0.943552	1.06169	-1.06169	0.673924	0.697586	-1.43352	0.423683	4.79457	10.0618	1
cg01116067	HES5		0.888752		0.389684	0.580278	-1.72331	0.813111	0.863963	-1.15746	0.195629	0.492552	-2.32801	0.818925	0.868611	-1.15126	0.893819	0.920856	-1.08595		0.317629	0.528457	-1.8923	0.414357	0.600146	-1.66626	0.928565	0.946142	-1.05692	0.943418	0.957121	-1.0448	0.42355	2.55719	5.36669	1
cg04364139	IFIT3;IFIT3		0.888768		0.363565	0.486126	-2.05709	0.862863	1.14288	1.14288	0.767351	1.25704	1.25704	0.943776	1.05599	1.05599	0.241354	0.587736	-2.57891		0.798539	0.802755	-1.2459	0.591678	1.15933	1.15933	0.549953	1.08217	1.08217	0.425324	4.00243	8.40029	1
cg02403239	CACNA1H;CACNA1H		0.888877		0.954733	1.02857	1.02857	0.233342	1.85383	1.85383	0.770893	0.865094	-1.15594	0.911872	1.05648	1.05648	0.264731	1.78048	1.78048		0.799788	0.881502	-1.13443	0.457533	1.45567	1.45567	0.946969	0.967526	-1.03356	0.979364	1.01292	1.01292	0.42352	1.65212	3.46749	1
cg27039501	SYNPO;SYNPO;SYNPO;SYNPO		0.888791		0.657084	1.53318	1.53318	0.247332	1.18004	1.18004	0.582438	1.70082	1.70082	0.45588	2.06892	2.06892	0.409471	2.24078	2.24078		0.50391	1.91935	1.91935	0.319397	2.67556	2.67556	0.603145	1.65099	1.65099	0.361965	2.45035	2.45035	0.423486	6.13556	12.8784	1
cg26094299	DHH		0.888798		0.372394	2.092311	-1.42101	0.347074	1.37769	1.37769	0.915157	1.11548	1.11548	0.832569	0.752521	-1.32887	0.97375	0.956771	-1.04518		0.32708	2.250977	-1.3814	0.434474	0.534736	-1.87008	0.984143	1.02705	1.02705	0.660685	1.80989	1.80989	0.423474	12.0977	25.3931	1
cg11965881	SH3PXD2B		0.888826		0.553397	0.639896	-1.56275	0.465137	0.57491	-1.7394	0.904574	1.09342	1.09342	0.990588	0.991255	-1.00882	0.594154	0.670005	-1.49253		0.499963	0.600572	-1.66508	0.189056	0.354843	-2.81815	0.382326	0.513164	-1.94869	0.934901	1.06272	1.06272	0.424329	3.71856	7.80624	1
cg04243746	APOL6		0.888856		0.557861	0.59312	-1.68685	0.826544	0.783709	1.27598	0.285669	0.375125	-2.66579	0.453036	0.508489	-1.96584	0.481481	1.87702	1.87702		0.962943	1.04194	1.04194	0.704556	0.734019	-1.40052	0.733832	1.35228	1.35228	0.571728	1.65749	1.65749	0.423381	5.24269	11.027	1
cg00156405	UGP2;UGP2;UGP2 CAGE1;CAGE1;CAGE1;CAGE1;CAGE1;C		0.888865		0.67924	1.10704	1.10704	0.407463	1.23026	1.23026	0.329987	1.27291	1.27291	0.313088	1.29068	1.29068	0.381634	1.24539	1.24539		0.521928	1.17202	1.17202	0.851643	0.955246	-1.04685	0.963888	0.988989	-1.01113	0.828847	0.948432	-1.05437	0.423365	0.40102	0.849373	1
cg15324969	AGE1;RICH1		0.888874		0.711035	1.08088	1.08088	0.340175	0.813619	-1.22908	0.807221	0.950206	-1.0524	0.193847	0.748535	-1.33594	0.886796	1.0302	1.0302		0.842123	1.04254	1.04254	0.639664	0.906111	-1.10362	0.871674	1.03435	1.03435	0.801535	0.948739	-1.05403	0.41767	0.282498	0.526062	1
cg01096546	ZSWIM2		0.888882		0.523479	1.64953	1.64953	0.195296	2.88716	2.88716	0.502442	1.69361	1.69361	0.427791	1.87139	1.87139	0.593486	1.51749	1.51749		0.554685	1.58811	1.58811	0.70308	0.971668	-1.02916	0.685249	0.729486	-1.37083	0.671798	1.3908	1.3908	0.423338	4.01731	8.43519	1
cg10409786	DSN1;DSN1;DSN1;DSN1;DSN1;DSN1		0.888901		0.525058	1.67159	1.67159	0.174037	0.824048	1.18758	0.842876	1.73642	1.73642	0.186644	1.66468	1.66468	0.941536	1.06209	1.06209	0.910302	1.01007	1.01007		0.864697	1.16024	1.16024	0.860608	0.951838	1.05085	0.911575	1.09744	1.09744	0.940409	-1.06329	0.423307	0.788606	1.65597	3.47441	1
cg23166357	PPP2R5E		0.888919		0.523308	0.530628	-1.88456	0.89538	1.13689	1.13689	0.641044	0.631935	-1.58244	0.546435	1.8178	1.8178	0.482724	2.01296	2.01296		0.872484	1.16959	1.16959	0.293613	2.93376	2.93376	0.889848	0.8736	-1.14469	0.512956	1.91587	1.91587	0.410624	5.88731	9.55831	1
cg12671565	CACNA2D4		0.888953		0.646552	1.35003	1.35003	0.352932	1.86138	1.86138	0.721219	1.26227	1.26227	0.462998	1.65636	1.65636	0.399631	0.570929	1.75153		0.813638	1.16788	1.16788	0.814431	0.85827	-1.16513	0.353955	1.8597	1.8597	0.803186	1.17624	1.17624	0.423222	2.83224	5.94852	1
cg10151196	FVS1L;FVS1L		0.888956		0.521015	1.89756	1.89756	0.153496	0.860012	1.16277	0.512373	1.44405	1.44405	0.418073	1.08762	1.08762	0.752521	1.32887	0.97375		0.563045	0.618672	-1.61637	0.414201	0.597194	-1.67453	0.533219	1.67461	1.67461	0.422117	4.4736	9.39397	1
cg27317026	NASP;NASP;NASP		0.888957		0.935183	1.02165	1.02165	0.529345	1.1827	1.1827	0.953402	1.01551	1.01551	0.624468	0.878165	-1.13874	0.319691	1.31099	1.31099		0.254861	0.731211	-1.3676	0.847456	1.05202	1.05202	0.898135	0.966836	-1.0343	0.848349	0.950837	-1.0517	0.423516	0.464791	0.976209	1
cg14204081	C5orf122;C5orf208		0.888959		0.647004	1.54106	1.54106	0.630234	1.71486	1.71486	0.565863	1.37882	1.37882	0.74886	1.10044	1.10044	0.913494	0.830963	1.20545		0.536019	1.09317	1.09317	0.914496	1.09804	1.09804	1.202904	1.02449	1.02449	0.954003	1.15186	1.15186	0.423513	0.549003	1.15399	1
cg01009840	UHFPL5		0.888968		0.345772	0.75381	-1.35905	0.647033	0.784974	1.17937	0.338418	0.732141	-1.36585	0.851704	0.930582	1.07455	0.839855	1.19109	1.19109		0.370914	1.74805	1.74805	0.136481	0.572605	1.74655	0.189181	0.81211	1.23125	0.616875	1.17276	1.17276	0.485464	0.799359	1.251	1
cg24171689	RFTN1		0.888902		0.802611	1.13375	1.13375	0.194403	1.98982	1.98982	0.507358	1.40089	1.40089	0.515399	1.39176	1.39176	0.949817	0.968947	-1.03205		0.519033	1.38768	1.38768	0.679612	1.23139	1.23139	0.336773	1.64275	1.64275	0.829536	0.897572	-1.11412	0.423114	1.68332	3.53636	1
cg23458158	RALYL;RALYL;RALYL;RALYL		0.888924		0.61481	1.11323	1.11323	0.5796	1.1278	1.1278	0.748027	0.914133	-1.07051	0.320777	0.871298	1.14825	0.631339	1.58408	1.58408		0.8017	0.948191	-1.05454	0.809332	1.04825	1.04825	0.745497	-1.33959	0.704152	1.08399	1.08399	0.423107	0.299469	0.629144	1.32116	1
cg19293108	PO2D2		0.888972		0.569302	0.471842	-2.11935	0.708473	0.61231	-1.63316	0.852793	0.784601	-1.27453	0.194653	0.599445	5.99948	0.881193	0.82258	-1.21569		0.829643	0.754733	-1.32497	0.944572	0.891213	-1.08789	0.845241	1.29073	1.29073	0.394197	1.32586	1.32586	0.423209	1.14264	24.0096	1
cg04074001	ARHGAP10		0.888973		0.614789	0.697054	-1.43447	0.824048	0.824048	1.18758	0.842876	1.73642	1.73642	0.186644	1.66468	1.66468	0.941536	1.06209	1.06209	0.910302	1.01007	1.01007		0.864697	1.16024	1.16024	0.860608	0.951838	1.05085	0.911575	1.09744	1.09744	0.940409	-1.06329	0.423307	0.788606	1.65597	3.47441	1
cg24912504	STK19;STK19;STK19		0.889077		0.613337	0.850135	-1.17628	0.837278	0.936575	-1.06772	0.602493	0.845836	-1.18226	0.890659	1.0448	1.0448	0.671548	0.872929	-1.14557		0.927937	1.02924	1.02924	0.34777	1.64021	1.64021	0.955241	0.982274	-1.01805	0.889953	1.0451	1.0451	0.423021	0.680205	1.42931	1
cg05122622	TSC22D2		0.889077		0.540663	1.65557	1.65557	0.922168	1.08688	1.08688	0.211785	0.325843	-3.06896	0.571898	0.614502	-1.62733	0.553307	1.66732	1.66732		0.640249	1.4937	1.4937	0.397202	0.935034	-1.06948	0.681854	0.70372	-1.42102	0.880469	1.13687	1.13687	0.423021	4.86882	10.2308	1
cg12067015	LOC153761		0.889084		0.955238	1.04972	1.04972	0.157614	0.936376	-1.06812	0.351439	0.634948	-2.29912	0.5873	0.7904	1.26502	0.54403	0.48273	2.07104		0.561045	0.618672	-1.61637	0.414201	0.597194	-1.67453	0.533219	1.67461	1.67461	0.422117	4.4736	9.39397	1
cg16394551	PRDM16;PRDM16		0.889088		0.786331	0.835109	-1.19745	0.293276	0.484589	-2.06361	0.702738	0.775473	-1.28954	0.73071	0.788146	-1.2688	0.282898	0.477138	2.09583		0.412149	0.573446	-1.74384	0.282112	0.480461	-2.08133	0.46088	0.60783	-1.6452	0.697741	0.771962	-1.2954	0.423003	2.94639	6.19146	1
cg01107395	DOK5;DOK5		0.889089		0.48282	0.976027	-1.02466	0.976027	0.953206	-1.05001	0.643705	0.865802	-1.15541	0.640776	0.97998	1.02043	0.999148	0.703623	1.42119		0.574228	0.710935	-1.40637	0.24035	0.388042	-2.57555	0.188401	0.42511	2.35191	0.426882	0.63683	-1.57048	0.423021	1.63683	3.44205	1
cg05434287	MAD11;MAD11;MAD1L1		0.889095		0.751858	0.756336	-1.32216	0.950544	0.946856	-1.05613	0.71227	0.72171	-1.3856	0.871704	0.927385	1.07845	0.900001	1.11096	1.11096		0.31074	1.39176	-2.51778	0.870274	1.15476	1.15476	0.55037	0.58745	-1.70227	0.570628	0.603756	-1.6563	0.422992	1.19256	10.9118	1
cg25337774	AGPAT2;AGPAT2		0.889098		0.952298	1.01009	1.01009	0.357739	1.17199	1.17199	0.623177	0.920258	-1.08665	0.396057	0.864298	-1.15701	0.484323	1.12666	1.12666		0.520201	0.896399	-1.11558	0.863946	1.0292	1.0292	0.850521	1.03216	1.03216	0.559423	1.10412	1.10412	0.422986	0.188626	0.396391	1
cg08488915	SLC43A2		0.889163		0.980641	1.02071	1.02071	0.808945	0.974534	-1.0412	0.247871	0.22687	-4.40746	0.188377	0.450919	2.21782	0.340273	0.375142	2.66475		0.513661	0.657072	-1.5215	0.167373	0.354329	-2.82201	0.187515	0.464447	2.15337	0.613257	-1.62653	0.422979	2.94346	6.51868	1
cg02405619	7;ARHGEF7;ARHGEF7;ARHGEF7;ARHGEF		0.889105		0.683743	1.21385	1.21385	0.430571	-1.46329	0.869396	0.18063	1.08063	0.260677	1.74213	1.74213	0.596998	1.28721	1.28721		0.964947	1.02101	1.02101	0.368135	1.5487	1.5487	0.480958	0.712499	-1.40351	0.820194	1.11374	1.11374	0.422975	1.4999	3.15206	1
cg23988024	HCN2		0.889129		0.5445	2.21802	2.21802	0.659511	1.77863	1.77863	0.92528	0.885299	-1.12956	0.452797	2.70341	2.70341	0.351032	2.87486	-3.47843		0.766676	1.47176	1.47176	0.477888	0.391748	-2.55266	0.915215	1.14833	1.14833	0.481315	0.394707	-2.53353	0.422937	11.2985	23.7461	1
cg16117910	SH3RF3;LOC102872216		0.889144		0.492335	0.662437	-1.51441	0.799745	1.00094	1.00094	0.997253	0.662839	-1.50866	0.309104	0.525888	1.90235	0.507314	0.527185	1.89671		0.664153	0.71231	-1.40418	0.616445	1.15101	1.15101	0.880154	0.954216	-1.04811	0.942013	-1.09396	0.297998	0.526168	-1.90054	0.422913	2.57292	4.69748	1
cg02657832	ADX1		0.889162		0.678157	1.1043	1.1043	0.178644	0.900708	1.11024	0.161031	0.533706	-1.87351	0.725705	0.976877	-1.02367	0.84991	0.953563	-1.0487	0.752069	0.847112	-1.17687	0.974096	1.00818	1.00818	0.178728	1.07236	1.07236	0.422884	0.424195	0.886926	1
cg14878016	TPX2		0.889164		0.473125	1.28248	1.28248	0.532098	1.24084	1.24084	0.301568	1.44044	1.44044	0.720342	0.88464	-1.1304	0.882198	0.950698	-1.05186		0.797932	0.916239	-1.09142	0.504505	0.793797	-1.25977	0.514632	0.798266	-1.25271	0.835977	1.07325	1.07325	0.42288	0.778655	1.63672	1
cg08108495	BAT3;BAT3;BAT3;BAT3		0.889184		0.313522	0.809306	-1.23546	0.71279	1.1278	1.1278	0.382951	1.88291	1.88291	0.404943	0.63339	1.57883	0.633339	1.57883	1.57883		0.563336	0.602488	-1.66004	0.303597	0.45656	-2.19006	0.323297	0.384758	-2.59887	0.156839	0.963677	0.933598	-1.07112	0.847162	14.7234	27.451	1
cg23296679	CCDC49		0.889199		0.651889	1.1425	1.1425	0.961246	0.985843	-1.01436	0.525153	1.20797	1.20797	0.329293	1.3437	1.3437	0.426272	1.26918	1.26918		0.598022	1.16897	1.16897	0.721434	0.900279	-1.11077	0.945393	0.980101	-1.0203	0.244778	1.42907	1.42907	0.422823	0.576578	1.21212	1
cg17856907	MIR107;PANK1;PANK1;PANK1		0.889217		0.371868	0.792192	-1.26238	0.277665	0.725035	-1.37924	0.324224	0.762488	-1.3115	0.77404	0.762488	-1.3115	0.77404	0.921287	-1.08544	0.655322	0.879887	-1.13651	0.951418	1.0175	1.0175	0.670237	1.12975	1.12975	0.412479	0.787814	-1.26924	0.858043	0.950286	-1.05232	0.422793	0.245127	0.514497	1
cg06875707	PRLR		0.889252		0.954956	1.08532	1.08532	0.40468	0.839938	1.05355	1.05355	0.739008	0.957353	-1.0901	0.656461	1.22244	1.22244	0.620136	1.13759	1.13759		0.411572	0.621877	-1.60841	0.24187	0.353983	-2.82599	0.178975	0.424187	2.35691	0.421988	-1.27571	0.682376	1.11199	1.11199	0.370067	0.788608	-1.26788	0.422788	0.445712	0.933086	1
cg22940848	SKI		0.889297		0.694789	0.696391	-1.43597	0.678123	0.681831	-1.46664	0.372184	0.231805	2.31805	?	?	?	0.307626	0.702572	-1.44854	0.309006	28.3206	28.3206	0.250954	3.98246	0.913172	1.11717	0.857764	1.17894	0.499128	1.8768	1.8768	0.270947	2.8626	2.8626	0.404102	4.79022	11.854	1
cg21966453	NSDHL;NSDHL;CETN2		0.889229		0.596884	1.49254	1.49254	0.39074	0.976466	1.02043	0.843703	0.976466	1.02043	0.843703	0.976466	1.02043	0.843703	0.976466	1.02043		0.24872	0.367618	-2.72045	0.156794	0.51542	1.94042	0.19402	0.74702	?	?	0.345456	34.1761	0.96306	1
cg05644990	GPBP1;GPBP1		0.889233		0.739583	0.927333	-1.07836	0.93596	0.981991	-1.01834	0.68962	1.09504	1.09504	0.814133	0.948133	-1.0547	0.943357	1.0162	1.0162		0.123852	1.45775	1.45775	0.746923	0.929392	-1.07597	0.917651	1.02366	1.02366	0.716478	1.08598	1.08598	0.422772	0.342453	0.720017	1
cg12571847	YIF1A		0.889276		0.483469	1.098	1.098	0.958397	0.964255	-1.03707	0.707587	1.1032	1.1032	0.913889	1.07839	1.07839	0.814515	0.84945	-1.17723		0.435852	0.57249	-1.74641	0.191467	0.32455	-3.08002	0.164289	0.32455	-3.08002	0.164289	0.32455	-3.08002	0.164289

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(124T vs. N)	Fold-Change(124T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(477 vs. N)	Fold-Change(477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 37T vs. N)	Fold-Change(537T 37T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T 63T vs. N)	Fold-Change(563T 63T vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error)
cg23123135	ALDH3B1;ALDH3B1;ALDH3B1		0.890368		0.294107	0.433244	-3.31297	0.192443	0.345406	-2.89514	0.485249	0.577504	-1.73159	0.997403	0.957173	-1.00474	0.628557	0.68686	-1.4559		0.639581	0.695285	-1.43826	0.792226	0.815926	-1.2256	0.764315	0.793187	-1.26074	0.764872	1.26002	0.420918	3.95828	8.35903	1
cg05134987	NANOG		0.890372		0.723227	0.881754	-1.1341	0.380687	0.727442	-1.37468	0.955941	0.980638	-1.01974	0.810172	1.08889	1.08889	0.733543	0.886518	-1.12801		0.220069	1.56313	1.56313	0.557306	0.81055	-1.23373	0.696332	0.8704	-1.1489	0.841326	0.107351	0.420911	0.834911	1.76318	1
cg01478155	CENPB;CENPB		0.890374		0.677686	0.741481	-1.34865	0.949915	0.956042	-1.04598	0.36351	1.95092	1.95092	0.747674	1.25985	1.25985	0.539197	0.640897	-1.56031		0.89955	0.913589	-1.09458	0.321397	0.480405	-2.08158	0.533815	0.63702	-1.56981	0.608249	1.4477	1.4477	0.420909	3.41394	7.20968	1
cg04084172	CCNG1;CCNG1		0.890379		0.613945	0.792276	-1.26219	0.701085	0.838154	-1.1931	0.513441	0.738327	-1.35441	0.917717	0.84644	1.04844	0.318339	0.623677	-1.60339		0.605365	0.787729	-1.26947	0.225965	0.55876	-1.78968	0.835263	0.90908	-1.10001	0.325322	0.628188	-1.59188	0.4209	1.39684	2.94996	1
cg08252887	CWF19L1		0.890379		0.506276	0.645347	-2.20096	0.916714	1.13017	1.13017	0.26599	3.88031	3.88031	?	?	?	?	0.892933	1.17062	1.17062		?	?	?	?	?	?	?	?	?	?	?	?	?	?	1
cg14861097	C5orf64		0.890384		0.536396	0.841163	-1.18883	0.663652	0.867185	-1.15316	0.916655	0.966694	-1.03445	0.630632	1.16973	1.16973	0.384341	0.740286	-1.3346		0.37963	0.740728	-1.63864	0.644981	0.860595	-1.16199	0.220051	0.658833	-1.51782	0.790469	0.917435	1.09	0.420892	0.698023	1.47417	1
cg04077692	SDCCAG8		0.8904		0.711968	0.81602	-1.22546	0.664456	1.27033	1.27033	0.609517	1.32634	1.32634	0.724702	0.823775	-1.21392	0.811419	0.877179	-1.14002		0.608869	1.32703	1.32703	0.159393	2.28054	2.28054	0.616868	1.31856	1.31856	0.986858	1.00907	1.00907	0.420866	2.00349	4.23148	1
cg07243256	MAD1L1;MAD1L1;MAD1L1		0.89044		0.871074	0.901252	-1.10972	0.599148	0.575489	-1.73765	0.910111	0.426578	-2.32897	0.668161	0.02588	1.02588	0.504537	0.588559	-1.69967		0.413916	0.585479	-1.70804	0.69475	1.28718	1.28718	0.982062	1.01896	1.01896	0.853216	1.12403	1.12403	0.4208	2.7308	5.76948	1
cg24165667	PTCD2;MIPS27		0.890456		0.53888	0.891869	-1.11873	0.466128	1.1431	1.1431	0.782753	1.16772	-1.37754	0.559006	-1.78889	0.961703	0.969229	-1.03132	0.533224	0.660807	-1.49968		0.956025	0.9652	-1.03605	0.250313	0.462257	-2.16325	0.944538	0.956296	-1.0457	0.20324	0.496426	-2.0144	0.420707	2.34897	5.80815	1
cg23987846	ERICH1		0.890534		0.485211	0.676784	-1.47758	0.436795	1.54755	1.54755	0.425592	1.56498	1.56498	0.761654	1.18229	1.18229	0.472061	0.668543	-1.49579		0.780178	1.1665	1.1665	0.377282	1.64659	1.64659	0.942663	1.04039	1.04039	0.740301	1.20094	1.20094	0.420646	2.0187	4.26581	1
cg09109536	OMA1		0.890551		0.781743	1.05897	1.05897	0.778407	0.936067	-1.06827	0.641523	1.10157	1.10157	0.296153	0.799716	1.25024	0.593382	1.07687	1.16587		0.362133	0.82427	-1.2132	0.285859	0.979332	-1.0274	0.402283	1.15945	1.15945	0.826073	0.955839	-1.0462	0.420618	0.283568	0.599262	1
cg13204568	DHRS3		0.890575		0.978302	0.980086	-1.02032	0.529335	0.603519	1.60359	0.634761	0.701642	-1.42523	0.624658	0.694105	-1.4407	0.707725	1.32147	1.32147		0.45586	1.7564	1.7564	0.373226	1.97148	1.97148	0.396362	1.90542	1.90542	0.690445	0.743564	-1.34487	0.414879	3.51858	6.59631	1
cg10878944	AMOTL2		0.890582		0.857561	0.939712	-1.06467	0.677546	1.16084	1.16084	0.470858	1.16449	1.16449	0.586559	0.884951	-1.13056	0.726818	1.37586	1.37586	0.59915	1.20831	1.20831	0.828311	1.08816	1.08816	0.896485	1.00623	1.00623	0.733553	0.840955	0.908932	1.19312	1.19312	1
cg03509753	ZNF282		0.890594		0.703453	1.12928	1.12928	0.221436	1.50468	1.50468	0.249033	1.46671	1.46671	0.53248	1.22262	1.22262	0.620216	1.17211	1.17211		0.787232	1.08981	1.08981	0.435614	1.2877	1.2877	0.896838	0.959601	-1.0421	0.866601	1.0549	1.0549	0.420549	0.673126	1.42275	1
cg03052760	ZMYM4		0.890621		0.43344	0.698161	-1.43234	0.428775	0.695507	-1.4378	0.42671	0.692019	-1.44505	0.963466	1.0208	1.0208	0.378896	0.666448	-1.50049		0.895741	1.0607	1.0607	0.509252	0.740111	-1.35115	0.544144	1.3178	1.3178	0.534386	0.753631	-1.32691	0.420504	1.34567	2.84457	1
cg20969188	PPS4;1C		0.890628		0.870261	1.10351	1.10351	0.402731	1.19349	1.19349	0.364434	0.929742	-1.07557	0.801958	1.16448	1.16448	0.236258	1.27497	1.27497	0.810558	1.16448	1.16448	0.99303	1.52387	1.52387	0.767739	1.20232	1.20232	0.424493	2.44497	5.16846	1
cg10730174	PRRX1;PRRX1		0.890634		0.798824	0.933465	-1.07128	0.570888	0.856924	-1.16696	0.812648	0.937996	-1.0661	0.896142	0.965404	-1.03584	0.621876	0.874571	-1.14342		0.838662	0.946457	-1.05657	0.7481	0.9168	-1.09075	0.159942	0.149898	1.49898	0.69579	0.899481	-1.11175	0.420484	0.48401	1.02318	1
cg15026696	EPHD2		0.890645		0.647224	0.793473	-1.26028	0.328468	0.698575	-1.43035	0.383261	0.867511	1.86751	0.991234	0.994493	-1.00553	0.992284	0.999225	-1.00078		0.965622	1.10345	1.10345	0.12445	0.790134	-1.26555	0.486868	0.97598	1.02433	1.00823	0.723474	1.19526	1.1926	0.420566	1.67857	3.5346	1
cg23255912	LOC285074		0.89065		0.57803	0.39428	1.39428	0.39375	1.67651	1.67651	0.685427	1.27236	1.27236	0.669391	1.2975	1.2975	0.213779	2.16907	2.16907		0.561101	1.76037	1.76037	1.41567	0.211424	0.874711	-1.14323	0.869732	0.907481	-1.10195	0.991478	0.993703	1.00634	0.420458	1.32976	4.92533	1
cg03727673	RAP1GAP;RAP1GAP;RAP1GAP		0.890666		0.433549	2.08311	2.08311	0.350501	2.41684	2.41684	0.841322	0.833637	-1.19956	0.468814	1.96764	1.96764	0.676055	1.47095	1.47095		0.557023	1.72536	1.72536	0.938308	1.07367	1.07367	0.223862	3.23319	3.23319	0.492601	1.89642	1.89642	0.420431	5.61533	11.8721	1
cg28529153	BAZ2A		0.890707		0.52891	0.719473	1.39021	0.279844	0.670848	-1.49098	0.662858	0.833483	1.20027	0.650247	0.954727	1.04783	0.540297	0.645427	1.54939		0.96152	1.11605	1.11605	0.650991	1.24479	1.24479	0.542924	0.465302	-2.14914	0.907152	0.865289	1.15568	1.41429	0.840542	0.88525	1.12998	0.885482	0.98542	1.01633	1.01633	1
cg13303737	C5orf15;TGA10;TGA10		0.89073		0.39014	1.77833	1.77833	0.303082	2.495814	-2.01688	0.717349	1.26828	1.72283	0.12784	1.26214	1.26214	0.29763	1.70789	1.70789		0.805048	0.850725	-1.17547	0.849882	0.884896	-1.13187	0.348012	1.88072	1.88072	0.863067	0.897013	1.01486	0.420526	0.357881	0.757009	1
cg12901182	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2		0.890707		0.427086	0.571897	-1.74857	0.461584	0.596722	-1.67624	0.629446	0.715304	-1.39801	0.218487	0.418528	-2.38933	0.342799	0.509999	-1.96114		0.393014	0.741781	-1.34821	0.182355	0.725354	0.784354	-1.27493	0.430727	0.574512	-1.74061	0.665222	0.834809	1.19842	0.420625	3.16099	7.1	1
cg05741182	DHX38;TNL4B;TXNL4B;DHX38;TXNL4B		0.89079		0.690851	0.824997	-1.21193	0.616005	0.963545	-1.0378	0.914711	1.04526	-1.04526	0.971965	1.05185	-1.01151	0.93746	1.45434	1.45434		0.26409	1.6171	1.6171	0.734645	1.15106	1.15106	0.4106	1.4159	1.4159	0.810549	1.10432	1.10432	0.420229	1.13638	2.40274	1
cg24645231	PENK;PENK		0.89079		0.335281	0.794207	-1.25912	0.679319	0.908105	-1.10119	0.783458	0.86597	-1.15507	0.764016	0.941127	-1.06256	0.640932	0.80859	-1.23687		0.265288	0.763987	-1.30892	0.43838	0.799415	-1.25091	0.446328	0.852657	-1.19722	0.926893	1.02151	0.420522	0.357881	0.757009	1	1
cg27575501	ATRIP;ATRIP		0.890819		0.926167	1.02132	1.02132	0.807476	0.945947	-1.05714	0.854948	1.04253	1.04253	0.562565	0.875246	-1.14254	0.233479	1.32886	1.32886		0.52276	1.15885	1.15885	0.402134	0.822698	-1.21551	0.84968	1.04413	1.04413	0.831294	1.04976	1.04976	0.420182	0.344752	0.729319	1
cg08157562	PTPN1;PTPN1		0.890886		0.469903	1.17441	1.17441	0.408873	0.538171	-1.85185	0.455166	1.73807	1.73807	0.584148	0.666725	-1.49987	0.792121	0.823886	-1.21376		0.864923	1.133	1.133	0.670197	1.36915	1.36915	0.885933	1.00079	-1.11101	0.370141	1.964	1.964	0.420153	1.57927	3.57241	1
cg22015268	EXOC4		0.890894		0.726858	0.910508	-1.08754	0.638380	1.11991	1.11991	0.29642	1.26572	1.26572	0.46731	1.19161	1.19161	0.598686	1.13551	1.13551		0.89777	1.10124	1.10124	0.891508	1.03257	1.03257	0.902247	1.02084	1.02084	0.206346	1.37568	1.37568	0.420458	0.381029	0.870217	1
cg00038261	ZCCHC12		0.890894		0.486093	0.22456	4.45651	0.474183	0.496567	-2.01383	0.97141	0.741791	1.04598	0.95124	0.844773	-1.18362	0.814344	0.64154	-1.55872		0.475857	0.216264	-4.62399	?	?	?	?	0.514152	0.761245	1.31329	0.852	1.17307	0.420452	25.2103	62.7978	1
cg27578726	C20orf166;C20orf200		0.890862		0.453297	0.636674	-1.57066	0.839064	0.88676	-1.1277	0.278916	0.514501	-1.94514	0.338281	0.558012	-1.79208	0.339942	0.559199	-1.78827		0.81905	0.873346	-1.14502	0.371266	0.914065	0.938074	-1.06556	0.965605	1.02581	1.02581	0.420111	2.32398	4.91717	1
cg08829176	GBE1		0.890974		0.836877	1.03966	1.03966	0.731838	0.924369	-1.08169	0.720569	0.934138	1.07005	0.928705	0.963705	1.03754	0.624707	0.827005	-1.20905		0.537015	0.82705	-1.20942	0.803097	0.835185	0.945565	1.05784	1.00249	1.00249	0.725365	1.54067	1.54067	0.420459	0.83815	1.54498	1
cg21935159	FAM20C		0.890981		0.369415	2.41037	2.41037	0.206256	0.56943	1.56943	0.323643	2.64565	2.64565	0.586738	1.68848	1.68848	0.834505	1.221	1.221		0.536516	1.8173	1.8173	0.480578	1.98244	1.98244	0.537736	1.81397	1.81397	0.661783	1.52214	1.52214	0.42008	0.60626	1.42835	1
cg06439059	DAP2IP;L DAP2IP1		0.890994		0.749459	1.03439	1.03439	0.611667	?	?	?	1.12344	1.12344	0.527889	0.864098	-1.15702	0.776191	1.08387	1.08387		0.61533	0.891994	-1.1858	0.624775	0.776507	1.28793	1.03437	0.710932	0.98671	-1.01329	0.420457	1.12524	2.35428	0.688671	1
cg08135234	ZCCHC2		0.890994		0.938837	0.9231	1.0231	0.336718	1.34286	1.34286	0.911509	0.83664	-1.19506	0.660216	1.14073	1.14073	0.693693	1.12503	1.12503		0.94019	0.978178	-1.02231	0.197746	0.83008	0.970097	1.0022	0.419944	0.589176	1.2471	1	1
cg02310229	MTMR12		0.890985		0.661073	1.11949	1.11949	0.563082	0.860403	-1.16225	0.58283	0.867697	-1.15248	0.451304	1.21694	1.21694	0.682418	1.11099	1.11099		0.571831	1.15738	1.15738	0.290563	0.755327	-1.32393	0.802101	0.937774	-1.06636	0.949308	0.983866	-1.0164	0.419911	0.435272	0.921406	1
cg04132814	FAM123A;FAM123A		0.891005		0.863976	1.04804	1.04804	0.79102	1.37736	1.37736	0.288244	1.64094	1.64094	0.577506	1.28955	1.28955	0.817909	1.50113	1.50113		0.90114	1.64494	1.64494	0.577506	1.28955	1.28955	0.817909	1.50113	1.50113	0.683127	1.75079	1.75079	0.419888	1.15508	2.86859	1
cg14992181	SCFD2		0.891013		?	?	?	0.301707	0.229561	-4.35613	?	?	?	0.896291	0.835808	-1.19645	0.79089	1.44122	1.44122		0.878333	0.810031	-1.23452	0.446036	0.343592	-2.91043	?	?	?	0.583019	0.466494	-2.14365	0.350222	0.9944	2.62851	1
cg21515941	GRAMD2		0.891045		0.516562	0.534611	-1.87052	0.209861	0.315768	3.16815	0.804288	-1.24334	0.790598	0.776159	-1.2884	0.449913	0.479524	-2.08497		0.380016	0.42425	2.3571	0.264846	0.33072	-3.0237	0.437888	0.470739	-2.12432	0.669366	0.664048	-1.50592	0.419812	0.62735	1.52761	1
cg03629738	AIM3		0.891083		0.908407	0.97811	-1.02238	0.273058	1.24529	1.24529	0.558813	1.12041	1.12041	0.632501	0.911559	-1.09708	0.865928	0.958026	-1.03303		0.345574	1.20532	1.20532	0.624706	0.88748	1.08748	0.605946	0.90477	-1.10525	0.874471	0.970053	-1.03087	0.419749	0.245863	0.520657	1
cg13664964	ZF36L2;LOC100129726		0.891087		0.50413	0.7948	-1.25869	0.973852	0.988938	-1.01119	0.873158	1.05572	1.05572	0.513262	0.798501	-1.25235	0.856549	0.940435	-1.06334		0.655147	0.858911	-1.16427	0.128807	0.572872	-1.74556	0.973637	1.0101	1.0101	0.9947	1.00226	1.00226	0.419743	0.765746	1.62162	1
cg08883995	MGMT		0.891089		0.716885	0.787335	1.27051	0.473228	1.31209	1.31209	0.46282	1.63345	1.63345	0.624804	0.730784	-1.36738	0.623008	0.821618	-1.21743		0.940492	1.04255	1.04255	0.823758	1.15772	1.15772	0.965502	0.914763	-1.09356	0.823758	1.15772	1.15772	-1.62664	0.956661	0.964948	-1.03633	0.419706	0.864044	1.60748	1
cg00109780	PHF2		0.891127		0.595449	0.871199	-1.14784	0.831903	0.946837	-1.05615	0.458516	0.823256	-1.21469	0.386975	0.795554	-1.25699	0.365984	0.786912	-1.27079		0.994295	1.00184	1.00184	0.396863	0.799534	-1.25073	0.228426	0.720917	-1.38732	0.694634	0.903523	-1.10678	0.413969	0.423742	0.796141	1
cg18179305	CTNS		0.891159		0.918189	0.953313	-1.04899	0.592153	1.00459	1.00459	0.982747	1.07107	1.07107	0.671825	1.21925	1.21925	0.757132	1.15325	1.15325		0.621424	1.26058	1.26058	0.464868	0.69718	-1.43435	0.210455	1.84215	1.84215	0.413875	1.47747	1.47747	0.419632	1.43831	3.04071	1
cg12524773	TDP8P1		0.891158		0.589636	0.176167	1.17167	0.823558	0.937092	-1.06713	0.63532	1.14912	1.14912	0.760701	1.00294	1.00294	0.980608	0.999493	1.00051		0.940109	0.978178	-1.02231	0.197746	0.83008	0.970097	1.0022	0.419944	0.589176	1.2471	1	1
cg20137237	DPY19L2P4		0.891168		0.641779	0.851584	-1.17428	0.226656	0.647074	-1.54542	0.724343	0.885663	-1.1291	0.67531	0.865491	-1.15541	0.902284	1.04302	1.04302		0.624352	0.844305	-1.18441	0.464467	0.774681	-1.29085	0.42182	0.754743	-1.32495	0.539096	1.23767	1.23767	0.41961	0.781455	1.65541	1
cg05878968	MIR220A		0.891215		0.582153	0.788264	1.26823	0.576575	0.646411	-1.54716	0.695394	0.976865	1.02433	0.916434	0.995359	-1.00466	0.764223	0.99359	1.00657		0.59246	1.48209	1.48209	0.466314	0.93123	1.07403	0.667363	0.729894	1.37056	0.419154	1.52366	1.52366	0.46576	1.1	2.29	1
cg16763895	ILVBL		0.891241		0.398163	0.73287	-1.3645	0.621652	0.836343	-1.19568	0.412527	0.35121	-2.85123	0.351121	0.348153	-2.87183	0.773502	-1.29282	0.573185	0.814245	-1.22813		0.817627	1.08652	1.08652	0.752839	1.12018	1.12018	0.578369	0.817342	-1.22348	0.599327	1.2098	1.2098	0.419491	0.857517	1.81705	1
cg26842664	ZNF397;ZNF397		0.891283		0.837543	1.08136	1.08136	0.695167	0.883585	-1.13178	0.867861	0.84935	-1.17786	0.879473	1.14981	1.14981	0.874054	1.15892	1.15892	0.505498	0.743	1.34553	1.34553	0.577372	0.77874	1.28474	0.619717	0.744213	1.34373	0.738752	0.820774	1.21849	0.420552	1.44348	3.34752	1
cg15227302	CNOT4;CNOT4		0.891285		0.569437	1.11508	1.11508	0.291976	1.23016	1.23016	0.192944	1.29828	1.29828	0.66533	1.08595	1.08595	0.837623	1.03964	1.03964		0.666605	1.08558	1.08558	0.725533	0.935402	-1.06906	0.922317	0.981691	-1.01865	0.892688	1.0259	1.0259	0.419419	0.238428	0.505309	1
cg19193094	PDE1C		0.891291		0.260253	2.58208	2.58208	0.39494	2.02148	2.02148	0.256754	2.88833	2.88833	0.824239	1.19685	1.19685	0.556727	1.61634	1.61634		0.838878	0.84835	-1.17876	0.954545	0.954997	-1.04712	0.326675	2.26597	2.26597	0.393817	2.02503	2.02503	0.41941	4.33463	9.18674	1
cg17548556	H2AFX		0.89135		0.599595	0.736493	1.35765	0.44457	0.715315	1.39791	0.72116	1.38066	1.38066	0.8286	1.24833	1.24833	0.80902	1.14525	1.14525	0.81567	1.14525	1.14525	0.802205	1.55737	1.55737	1.79411	0.557128	1.79411	0.810012	1.69083	1.41936	0.73673	1.74391	1	1
cg11299683	ZBTB12		0.891317		0.97225	1.0568	1.0568	0.674223	1.95815	1.95815	0.934794	1.13877	1.13877	0.952572	1.16066	1.16066	?	?	?	0.338235	0.549439	2.62108	2.62108	0.26075	6.51951	?	?	?	0.338235	0.483096	0.379654	11.3637	30.4123	1
cg14097552	HELT		0.891321		0.221917	5.07134	5.07134	0.226762	0.20586	-5.05086	0.960466	0.945643	-1.05524	0.521061	0.439272	-2.27649	0.915552	1.14356	1.14356		0.784616	1.41412	1.41412	0.5972	?	?	?	0.592366	1.98085	1.98085	0.458523	1.59772	2.59772	0.400667	0.92315	2.22179	1
cg18180608	C20orf85		0.891335		0.282407	0.445512	-2.24654	0.534488	0.633912	-1.57751	0.786205	1.21793	1.21793	0.753013	0.795555	-1.25699	0.738782	0.910802	-1.09821		0.929961	1.06577	1.06577	0.487277	0.599653	-1.66763	0.315573	0.47146	-2.12107	0.960638	1.03641	1.03641	0.419338	0.48714	1.39183	1
cg10362542	HBXIP3		0.891364		0.265115	2.452	2.452	0.65822	0.710363	-1.40773	0.803457	1.21097	1.21097	0.841398	1.16624	1.16624	0.436602	1.84206	1.84206		0.744747	0.778154	-1.28509	0.449968	0.55297	-1.80842	0.76995	0.798381	-1.25253	0.938855	0.942825	-1.06064	0.413579	0.37618	7.10149	1
cg18310902	ATE1;ATE1		0.891384		0.422502	0.813312	1.22905	0.644952	0.839562	-1.19092	0.12415	0.567261	1.88048	-1.1355	0.181683	1.09967	-1.42529	0.915552	1.14356	1.14356		0.529246	1.89006	1.89006	0.301706	0.968655	1.00042	0.416201	0.957105	0.957105	0.994382	0.962398	0.962398	0.419154	0.422398	0.895449	1
cg27633903	MBD6		0.891387		0.634663	1.12801	1.12801	0.789353	0.934878	-1.06966	0.588254	0.871568	-1.14736	0.263226	0.745775	-1.34089	0.76338	1.07745	1.07745		0.526601	0.850989	-1.1751	0.388508	0.800705	-1.2489	0.721011	0.913766	-1.09437	0.651821	1.12102	1.12102	0.419562	0.419966	0.890403	1
cg25269247	SLC25A39;SLC25A39		0.891401		0.742355	0.897492	1.11409	0.539277	0.729129	-1.37129	0.66229	0.767475	1.30175	0.734996	1.18485	1.18485	0.594902	1.19623	1.19623		0.832704	1.91934	1.91934	0.412777	0.587777	-1.70113	0.870744	0.926871	1.07933	1.06837	0.461882	1.35414	1.35414	0.419384	0.272884	0.647253	1
cg03417731	RBM11		0.891451		0.703947	0.867147	-1.15321	0.732189	0.879627	-1.13685	0.590771	1.22468	1.22468	0.786205	1.10684	1.10684	0.636442	0.837129	-1.19456		0.683219	0.857966	-1.16555	0.403342	0.726662	-1.37616	0.522343	1.27391	1.27391	0.279923	0.657451	-1.52103	0.419148	0.254434	1.96257	1
cg13859108	PDM12C		0.891451		0.618009	0.687008	-1.45559	0.953502	1.0445	1.0445	0.816418	1.18964	1.18964	0.900753	0.911043	-1.09764	0.80727	0.97044	-1.03049		0.546672	0.634138	-1.57684	0.419171	0.538894	-1.85221	0.897674	0.908397	-1.10084	0.532344	1.60366	1.60366	0.41967	3.70152	7.84984	1
cg28263969	LGALS3BP		0.891456		0.532113	0.68797	-1.45359	0.449697	0.72729	-1.37529	0.76475	1.20175	1.20175	0.794996	1.18485	1.18485	0.594902	1.19623	1.19623		0.879704	1.0949	1.0949	0.289946	0.505978	-1.97637	0.510899	0.557052	1.79516	0.551387	1.45326	1.45326	0.419132	2.55388	5.40423	1
cg04443233	PCM1		0.891476		0.494981	1.45134	1.45134	0.374474	1.63236	1.63236	0.449448	1.51332	1.51332	0.34808	1.70836	1.70836	0.374447	1.63241	1.63241		0.891683	1.07599	1.07599	0.397261	1.59352	1.59352	0.489631	1.45829	1.45829	0.369122	1.64187	1.64187	0.419107	1.91802	4.06795	1
cg08140481	SOBP		0.891481		0.580668	1.72415	1.72415	0.16516	1.50308	1.50308	0.158308	1.64661	1.64661	0.543444	1.56627	1.56627	0.369737	1.62973	1.62973		0.729202	1.53808	1.53808	0.400664	1.59221	1.59221	0.374754	1.68046	1.68046	0.661317	1.01931	1.01931	0.419099	0.210247	0.188866	1
cg11142466	KRCC1		0.891496

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(5477 vs. N)	Fold-Change(5477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg09135264	STK40	0.892337	0.502033	0.715477	-1.39767	0.658891	0.80277	-1.24569	0.967074	0.979921	-1.02049	0.281081	0.516917	-1.03455	0.39715	0.65309	-1.53118	0.785586	1.14634	1.14634	0.783096	0.873192	-1.14522	0.928403	1.68315	1.04515	0.395797	0.652254	-1.53315	0.417694	1.59735	3.3993	1
cg05800014	SHANK3-RCC1;SNHG3-RCC1;SNHG3-RCC1;SNHG3-RCC1;RCC1;RCC1;RCC1;RCC1	0.892341	0.756122	0.951045	-1.05148	0.709671	0.941527	-1.0621	0.925614	0.985007	-1.01516	0.826979	1.0359	1.0359	0.545321	0.906092	-1.10364	0.406872	1.12655	1.12655	0.562081	0.786224	-1.2719	0.78567	0.953034	1.0449	0.8227	0.984484	-1.01576	0.417688	0.717319	0.365439	1
cg14173120	PLEKHA7	0.892351	0.627764	0.377276	-2.65058	0.882314	0.703734	-1.42103	0.998299	1.00507	1.00507	0.681738	0.976019	-2.65944	0.414479	0.138242	-7.24369	0.260717	15.5634	15.5634	0.950121	0.86209	-1.15997	0.405382	0.132742	-7.53341	0.71627	2.37698	2.37698	0.417673	37.222	79.2155	1
cg15651099	KIRREL	0.892357	0.680522	1.07051	1.07051	0.233478	0.814173	-1.22824	0.507555	0.89572	-1.11699	0.633359	0.923959	-1.0823	0.650763	0.927741	-1.07789	0.792451	0.957528	-1.04436	0.323152	0.845397	-1.18288	0.75865	1.05203	1.05203	0.998799	0.999752	-1.00025	0.417662	0.179162	0.381302	1
cg05328946	INPP4A;INPP4A;INPP4A;INPP4A;INPP4A	0.892371	0.663491	1.25213	1.25213	0.735636	0.840258	-1.19011	0.251306	0.8507	1.8507	0.544544	1.370244	0.374588	0.6086	-1.64311	0.607237	0.702585	1.21779	-1.21779	0.886161	1.70535	1.07635	0.802908	1.13705	1.13705	0.867727	0.917954	-1.08938	0.417638	1.74471	3.7134	1
cg15874425	RTN1	0.8924	0.713572	1.43027	1.43027	0.890873	1.14254	1.14254	0.74661	1.36985	1.36985	0.766218	1.33567	1.33567	0.433467	0.460306	-2.17247	0.627721	1.60698	1.60698	0.302406	2.82085	2.82085	0.562332	1.76584	1.76584	0.297252	2.8547	2.8547	0.417591	6.23184	13.2652	1
cg22690558	TMTC1	0.892419	0.709854	0.843398	-1.18568	0.351086	1.54863	1.54863	0.284528	0.60252	-1.6597	0.632189	0.802703	-1.24579	0.442523	0.699884	-1.42881	0.915294	0.95267	-1.04968	0.950674	1.19255	1.19255	0.966083	0.981145	-1.01922	0.828985	0.9066	-1.10302	0.417559	1.37347	2.92381	1
cg24831391	CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C;CACNA1C	0.892426	0.719338	1.12164	1.12164	0.166759	1.79015	0.790015	0.638262	1.20568	1.20568	0.771537	1.12188	1.12188	0.392441	1.41353	1.41353	0.913573	1.04382	1.04382	0.30435	1.52224	1.52224	0.77256	1.12128	1.12128	0.852132	1.07649	1.07649	0.417548	1.0318	2.19652	1
cg00204714	MEF2A;MECR	0.892429	0.451839	0.844477	-1.18392	0.609294	1.1232	1.1232	0.222	0.668995	1.09919	1.09919	0.922586	0.978852	-1.02161	0.914924	1.10227	1.10227	1.10278	0.189034	0.736564	-1.35766	1.35766	0.854992	0.960560	-1.04105	0.959157	0.977045	-1.0235	0.662466	1.10141	1.10141	0.417543	0.3198	0.680807	1
cg14239755	FNBP1	0.892439	0.891022	0.876472	-1.14094	0.432769	2.15972	2.15972	0.649958	1.03781	1.03781	0.155183	0.907576	1.03725	1.03725	1.1242	1.1242	0.973555	1.0324	1.0324	0.532757	0.537158	1.86165	0.267427	0.03708	0.03798	0.333887	2.6081	2.6081	0.417526	6.17731	13.0234	1
cg08477594	MEF2D;ME3;ME3;ME3	0.892439	0.409143	0.858357	-1.16502	0.6338	0.913143	-1.09512	0.648354	1.08662	1.08662	0.611857	1.31785	1.20572	1.20572	0.665533	1.14346	1.14346	0.959722	0.594792	1.02021	1.02021	0.723079	0.936766	-1.06649	0.897896	0.97704	-1.0235	0.904391	1.02198	0.417526	0.216464	0.460839	1
cg23221017	CCDC40	0.892441	0.663491	1.25213	1.25213	0.735636	0.840258	-1.19011	0.251306	0.8507	1.8507	0.544544	1.370244	0.374588	0.6086	-1.64311	0.607237	0.702585	1.21779	-1.21779	0.886161	1.70535	1.07635	0.802908	1.13705	1.13705	0.867727	0.917954	-1.08938	0.417638	1.74471	3.7134	1
cg15773716	CDC5L	0.892456	0.912594	0.96124	-1.04032	0.442285	1.32585	1.32585	0.621354	0.835899	-1.19632	0.802984	0.919334	-1.09417	0.813269	1.08892	1.08892	0.721063	0.878911	-1.13777	0.181122	0.599805	-1.66721	0.876654	0.05751	1.05751	0.763762	1.11462	1.11462	0.4175	0.857036	1.8247	1
cg04635902	UBE4A	0.892461	0.221556	1.51919	1.51919	0.974539	0.689598	-1.01042	0.910241	1.03798	1.03798	0.209211	0.507381	1.50781	0.567808	1.20675	1.20675	0.614845	1.17954	1.17954	0.799149	0.920366	-1.08652	0.815324	1.0701	1.0701	0.745992	1.11158	1.11158	0.417491	0.70039	1.49121	1
cg14537332	SHANK2;SHANK2	0.892467	0.493601	1.12536	1.27536	0.263384	0.968164	-1.03288	0.615583	0.96295	-1.03788	0.615081	0.940104	1.04934	0.950455	1.16207	1.16207	0.917041	0.696363	-1.43603	0.971924	1.01239	1.01239	0.948187	0.731262	-1.40203	0.63773	1.18049	1.18049	0.417475	0.80928	1.72312	1
cg13013671	CCDC112;CCDC112	0.892476	0.608922	1.19524	1.19524	0.990103	1.0043	1.0043	0.346156	0.715115	-1.39838	0.428403	0.756216	-1.32237	0.782118	1.10056	1.10056	0.709721	0.878772	-1.13795	0.942249	0.97527	-1.02536	0.36282	1.38162	1.38162	0.642389	1.17542	1.17542	0.417466	0.789801	1.68168	1
cg00691123	VGLL4;VGLL4	0.892482	0.904669	0.898492	-1.11298	0.659976	0.669948	-1.49265	0.863878	1.16567	1.16567	0.899877	0.893641	-1.11902	0.560188	0.930307	-1.6926	0.155135	0.725881	-1.37802	0.518746	0.557433	-1.79394	0.836535	1.2027	1.2027	0.673862	1.45595	1.45595	0.417464	5.27681	11.2358	1
cg01507018	NR2F2;NR2F2;NR2F2;NR2F2;MIR1469	0.892493	0.234549	2.97609	2.97609	0.626408	0.650915	-1.5363	0.05005	0.05005	0.05005	0.726273	1.35996	1.35996	0.390634	2.15956	2.15956	0.859105	0.85597	-1.16827	0.702774	1.39872	1.39872	0.528764	0.572038	-1.74814	0.747041	1.32745	1.32745	0.417457	0.50476	10.7849	1
cg25094754	PALLD;PALLD;PALLD;PALLD	0.892497	0.512351	1.73312	1.73312	0.681889	1.49656	1.49656	0.145383	0.39746	2.09577	2.09577	0.861966	0.8619	-1.15487	0.284909	0.398918	-2.50678	0.964114	0.986869	-1.01331	0.663188	1.13801	1.13801	0.802565	1.07638	1.07638	0.444596	1.25729	0.417431	0.570637	1.21513	1
cg15491047	SEC23A	0.892497	0.162452	0.642238	-1.54982	0.34462	1.02051	1.02051	0.998045	1.07824	1.07824	0.99198	1.10296	1.10296	0.896249	0.962396	-1.03907	0.154725	1.48655	1.48655	0.86611	0.957026	-1.0449	0.635432	1.13237	1.13237	0.686725	1.11131	1.11131	0.417418	0.447926	0.953854	1
cg26452244	C5orf52;C5orf52;PAK1IP1;C6orf52	0.892505	0.801333	0.936479	-1.06783	0.958312	0.1037	1.0137	0.352113	1.28306	1.28306	0.942411	0.910898	1.01898	0.830848	1.08362	1.08362	0.591467	0.69312	-1.44255	0.94998	1.02082	1.02082	0.938918	0.871595	-1.14732	0.217012	4.60353	4.60353	0.417424	0.422813	0.900148	1
cg00758655	PEPD;PEPD;PEPD	0.892506	0.705869	0.774035	-1.29156	0.550251	0.18811	1.48811	0.186379	1.824	1.824	0.909556	0.97974	1.02125	0.892862	1.12005	1.12005	0.544672	0.79991	-1.25008	0.81292	0.860756	1.16178	1.16178	0.772624	1.29482	1.29482	0.417493	2.24425	4.75145	1
cg02544117	CHAF1B	0.892508	0.658468	0.819634	-1.22006	0.385388	1.48867	1.48867	0.954135	1.02605	1.02605	0.937428	0.985715	-1.01449	0.289156	1.63549	1.63549	0.89132	1.06303	1.06303	0.375391	1.50194	1.50194	0.578533	0.778097	-1.28539	0.712184	1.18019	1.18019	0.417414	1.32156	2.81428	1
cg17779336	SF3B14	0.892525	0.601772	1.26484	1.26484	0.773819	1.09445	1.09445	0.82782	1.07056	1.07056	0.620755	1.26265	1.26265	0.422705	0.774814	-1.29047	0.570565	1.1959	1.1959	0.543409	0.621579	-1.61127	0.674617	1.25474	1.25474	0.663357	1.18386	1.18386	0.417386	0.643849	1.37118	1
ch.10.21632214	ACTR1A	0.892533	0.720618	1.15788	1.15788	0.299267	0.644588	-1.55138	0.86783	0.934272	-1.07035	0.996166	1.00196	1.00196	0.915105	1.1745	1.1745	0.719967	1.1583	1.1583	0.309384	0.650891	-1.53636	0.767581	0.888053	-1.1286	0.421278	0.715081	-1.39844	0.417372	1.10145	2.34579	1
cg03975948	HIP1R	0.892542	0.910847	1.03742	1.03742	0.838216	0.93515	-1.06935	0.339094	1.38148	1.38148	0.698645	1.13609	1.13609	0.567043	1.20895	1.20895	0.554631	1.21653	1.21653	0.693197	0.878058	-1.13888	0.306233	1.41541	1.41541	0.341007	1.3796	1.3796	0.417357	0.71096	1.5142	1
cg20286609	CYB61	0.892543	0.604241	1.22009	1.22009	0.764826	0.790493	-1.26492	0.553357	0.75832	-1.31933	0.576893	0.790493	-1.26492	0.553357	0.75832	-1.31933	0.576893	0.760706	1.31484	0.550824	0.51202	-1.95312	0.670016	0.70454	1.41964	0.493955	0.51202	-1.95312	0.670016	0.70454	1.41964	0.493955	1
cg23034799	CADM1;CADM1	0.892547	0.744219	0.909996	-1.09891	0.798691	0.929021	-1.0764	0.165182	0.652805	-1.53185	0.637157	1.14668	1.14668	0.771665	0.919591	-1.08744	0.633775	0.870865	-1.14828	0.98158	0.993371	-1.00667	0.724751	0.903169	-1.10721	0.356498	0.760935	-1.31417	0.417349	0.548557	1.16834	1
cg01490728	SORD5;SARDH	0.892565	0.92605	1.08002	1.08002	0.90265	1.73302	1.73302	0.350982	1.45641	1.45641	0.695206	1.27916	1.27916	0.322142	0.775556	1.29053	0.565164	0.8407	-1.18955	0.94994	0.958943	-1.51758	0.790495	1.26848	1.26848	0.693499	1.05357	1.05357	0.417327	1.43945	3.06621	1
cg20026664	AFF1;AFF1	0.892567	0.455877	0.577123	-1.73273	0.315591	0.47186	-2.11927	0.298316	0.458255	-2.18221	0.998301	1.00178	1.00178	0.67642	0.738003	1.35501	0.942707	0.949305	-1.0534	0.767688	0.807012	-1.23914	0.65125	1.3901	1.3901	0.599221	1.46791	1.46791	0.417316	3.46278	7.37577	1
cg04023150	RNF220	0.89257	0.9207	0.784499	-1.2747	0.932582	1.22903	1.22903	0.47006	0.170879	-5.85208	0.996918	1.00946	1.00946	0.914065	0.5102	5.5102	0.247834	4.14757	4.14757	0.164724	6.04006	0.07954	0.259669	2.59669	2.59669	0.604006	3.5858	3.5858	0.393556	32.2198	71.6349	1
cg02839020	KIF9;KIF9;KIF9;KLHL18;KIF9	0.892581	0.760675	0.774035	-1.29156	0.550251	0.88761	1.13258	0.748939	0.727138	1.3725	0.785352	0.760468	0.760468	0.753694	1.3268	1.3268	0.436224	1.45474	1.45474	0.219588	0.316034	2.16368	0.146608	0.21638	4.61638	0.062643	2.99816	2.99816	0.417293	0.50824	13.8634	1
cg26111518	GHDC;GHDC;GHDC;GHDC	0.892589	0.723127	1.29387	1.29387	0.942816	0.949369	-1.05333	0.513576	0.638886	-1.56181	0.360036	0.505828	-1.97695	0.754841	0.970322	1.25467	0.849745	1.14724	1.14724	0.36823	0.512024	-1.95303	0.293391	0.454111	-2.20211	0.482559	0.596368	-1.67682	0.41728	3.46676	7.38487	1
cg18383663	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.892603	0.729393	1.29893	0.636643	0.688885	-1.58257	0.360973	0.27534	2.77534	2.77534	0.674392	1.50324	1.50324	0.918238	0.808064	-1.24865	0.472008	0.49181	-2.03256	0.468804	0.453809	-2.20454	0.454855	0.22953	4.35809	0.229458	0.188884	-5.29511	0.417291	0.14961	0.13112	1
cg08619048	C22orf33;C22orf33	0.892619	0.568557	0.778339	-1.35531	0.608703	1.31305	1.31305	0.77848	0.861758	-1.16042	0.401866	0.635946	-1.57246	0.578389	0.74366	1.3447	0.554816	1.07296	1.07296	0.619925	0.581454	-1.71983	0.280287	0.55973	-1.78658	0.730216	0.83308	-1.20037	0.417231	1.83919	3.9183	1
cg08649439	FOXI3	0.892641	0.814782	1.22854	1.22854	0.321265	2.45665	2.45665	0.97765	0.975729	-1.02488	0.297462	0.57892	2.57892	0.488076	0.539102	-1.85494	0.906867	1.1081	1.1081	0.600382	0.629009	-1.5898	0.682488	1.4344	1.4344	0.823634	0.822188	-1.21627	0.417196	0.58308	10.8301	1
cg14466709	NOL6;NOL8;CENPP;NOL8	0.892649	0.6459	1.19255	1.19255	0.315858	0.584586	-1.71054	0.932545	1.03403	1.03403	0.702154	0.880987	-1.25099	-1.25099	0.761992	1.31083	0.570644	1.29509	-1.29509	0.761992	1.31083	0.570644	1.29509	-1.29509	0.761992	1.31083	0.570644	1.29509	-1.29509	0.761992	1.31083	0.570644	1.29509	0.417179	0.80801	1.0572	0.41718	0.771708	1.64428	1
cg21549632	HLA-H	0.892654	0.401121	2.06275	2.06275	0.926499	0.08084	2.08084	0.757632	0.870403	-1.14929	0.709623	0.37043	-1.37043	-2.69795	0.709623	1.37043	0.670247	0.70245	-1.42359	0.63103	0.665191	-1.50333	0.602671	1.55656	1.55656	0.938269	0.936828	-1.06743	0.216365	2.99228	2.99228	0.417174	4.68973	9.99259	1
cg16274474	KIAA0664	0.892661	0.403924	1.62654	1.62654	0.715005	0.816564	1.22475	0.956203	0.966023	1.02728	0.302894	0.232275	-2.33476	0.306883	0.5021	1.99161	0.232275	0.98498	-1.01519	0.553923	0.476295	-2.09986	0.437765	0.99466	0.99466	-1.00507	0.649139	0.825565	1.21129	0.864157	0.997233	0.417168	0.59024	1.42005	1
cg23773581	HSF5	0.892675	0.655152	1.22548	1.22548	0.575807	1.29135	1.29135	0.609545	0.792162	-1.26237	0.570467	0.771551	-1.29609	0.325445	1.58292	1.58292	0.814821	0.899315	-1.11196	0.420137	1.45144	1.45144	0.620239	1.25349	1.25349	0.508556	1.35439	1.35439	0.41714	1.35166	2.88028	1
cg14959425	TFG88	0.892685	0.340902	0.437594	-2.28522	0.263159	0.374432	-2.67071	0.748377	1.31131	1.31131	0.904781	1.10603	1.10603	0.40309	0.441712	-2.26392	0.764525	0.776489	-1.28785	0.970963	0.971404	-1.02234	0.482243	0.548023	-1.82474	0.857521	0.988489	-1.15085	0.417123	4.68473	9.98316	1
cg18058596	LDNP1	0.892693	0.288813	1.73294	1.73294	0.741551	0.715584	1.39784	0.482423	0.581383	1.72052	0.363181	1.34516	1.34516	0.186114	1.31752	1.31752	0.746318	1.10241	1.10241	0.592002	0.970137	1.03078	0.81753	0.932856	-1.07198	0.7421	0.597482	1.2733	0.417102	0.597482	1.2733	1
cg12439421	ANK1;ANK1;ANK1;

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 T 047 vs. N) vs. N)	Fold-Change(1050 T vs. N)	p-value(1055 vs. N)	Fold-Change(1055 T vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1537 T 537 vs. N)	Fold-Change(1537 T 537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 T 637 vs. N)	T(Test)	S5(Test)	S5(Error)	f(Error
cg25226092	MOBP;MOBP		0.893821		0.845008	1.07998	1.07998	0.389318	0.706948	-1.41453	0.282474	0.644659	-1.55121	0.802885	1.00326	1.00326	0.98284	1.00849	1.00849												
cg25183282	4-Mar		0.893827		0.995107	1.00132	1.00132	0.651464	1.10251	1.10251	0.626941	0.900224	-1.11083	0.570109	1.13107	1.13107	0.57269	0.870264	-1.14908												
cg24667644	LOC729082		0.893383		0.993924	1.00103	1.00103	0.463152	1.1065	1.1065	0.238759	0.84602	-1.18201	0.675681	0.944575	-1.05868	0.896734	0.982557	-1.01775												
cg20931972	WWOX		0.893832		0.75562	1.13909	1.13909	0.498404	1.13193	1.13193	0.951798	1.02554	1.02554	0.869808	0.993866	-1.07082	0.29626	0.630534	-1.57101												
cg18507615	KIF9;KIF9;KIF9;KIF9;KIF9;KLH18;KIF9		0.893834		0.675794	1.37502	1.37502	0.847433	1.1569	1.1569	0.571618	0.648464	-1.54211	0.528846	1.63381	1.63381	0.530257	0.617585	-1.61921												
cg09756436	FARS2		0.893846		0.189985	1.49233	1.49233	0.875301	0.955718	-1.04633	0.954908	0.983824	-1.01644	0.793653	1.07853	1.07853	0.380325	1.28899	1.28899												
cg03180953	IGFALS;IGFALS;IGFALS		0.893863		0.922427	1.07399	1.07399	0.67853	1.35725	1.35725	0.892537	0.905688	-1.10413	0.349016	0.493334	-2.02703	0.411603	0.50448	-1.85021												
cg07484476	DNAS1		0.893897		0.564351	1.74116	1.74116	-1.14928	0.470683	1.4963	1.4963	1.1941	1.1941	0.753256	0.850936	-1.17601	0.459013	0.57867	-1.47947												
cg21230209	ZNF613		0.89939		0.726268	0.937139	1.06708	0.194636	0.777987	-1.28537	0.479367	0.875621	-1.14205	0.780152	1.05305	1.05305	0.67219	0.924394	-1.08179												
cg18771605	SGSM3		0.893922		0.49495	1.73791	1.73791	0.932833	0.934983	-1.06954	?	?	?	0.525289	1.67089	1.67089	0.623569	1.48367	1.48367												
cg03495646	MECR;MECR		0.893927		0.933158	1.07898	1.07898	0.221182	0.904655	-1.14292	0.736055	1.09301	1.09301	0.600996	1.14544	1.14544	0.636322	0.874938	-1.14341												
cg03300581	CNR1;CNR1;CNR1;CNR1		0.893938		?	?	?	?	?	?	?	?	?	?	?	?	?	?	?												
cg25348346	B9D2;TMEM91		0.893944		0.520005	1.25947	1.25947	0.920196	0.965171	-1.03609	0.790501	1.11946	1.11946	0.672303	1.16242	1.16242	0.819224	0.97818	1.07818												
cg04437762	IL6R;IL6R		0.893945		0.816379	1.12674	1.12674	0.329337	1.68644	1.68644	0.992594	1.00477	1.00477	0.864537	0.91613	-1.09155	0.41725	1.53004	1.53004												
cg00225902	LRIG1		0.893958		0.397844	1.81877	1.81877	0.853158	1.13658	1.13658	0.601448	0.694791	-1.43928	0.963774	0.971292	-1.02956	0.983748	1.01441	1.01441												
cg16390502	ZNF18		0.893964		0.653076	1.19388	1.19388	0.904567	1.10481	1.10481	0.434978	1.37425	1.37425	0.902945	0.952268	-1.05012	0.213977	0.69406	1.69406												
cg24768164	ACADS		0.893981		0.28684	0.379421	-2.6356	0.525206	0.568847	-1.75794	0.479185	0.532407	-1.87826	0.720688	0.730088	-1.3697	0.420626	0.486296	-2.05636												
cg21449706	CPT1A;CPT1A		0.894001		0.563909	1.13286	1.13286	0.294653	0.992531	-1.26178	0.932405	1.01851	1.01851	0.408845	1.19895	1.19895	0.815697	1.0512	1.0512												
cg15032393	ZNF83		0.894047		0.702318	0.87803	1.13908	0.800534	0.951671	-1.05078	0.199347	0.68641	-1.45688	0.513854	1.38627	0.891148	0.02715	0.481298	2.08415												
cg18181496	LAMB1		0.894053		0.807944	1.1865	1.1865	0.341015	1.99166	1.99166	0.624374	1.41416	1.41416	0.71093	0.769978	-1.29874	0.487028	0.609044	-1.64192												
cg02028064	SPRY2		0.894054		0.980764	1.00724	1.00724	0.940551	0.982295	-1.01913	0.545665	0.728451	1.28451	0.716733	0.753481	-1.32693	0.178341	0.56336	-1.77534												
cg07822477	CCNG2		0.894107		0.354499	1.22966	1.22966	0.477108	0.854797	-1.16987	0.970656	0.992048	-1.00802	0.771206	1.06533	1.06533	0.270959	1.28242	1.28242												
cg18279558	ADAMTS2;ADAMTS2		0.894112		0.426792	0.787936	1.27015	0.988471	0.917979	-1.08687	0.290187	0.770302	-1.29529	0.729123	0.656657	-1.52287	0.570981	0.844673	-1.18389												
cg05941108	IRX4		0.894125		0.378721	2.06361	2.06361	0.6501	1.44245	1.44245	0.647371	1.44693	1.44693	0.972814	0.973033	-1.02771	0.935178	0.93683	-1.06743												
cg03737382	HAO1		0.894125		0.969766	1.01281	1.01281	0.260651	0.874707	-1.16287	0.976556	0.884962	-1.12956	0.766208	0.773608	-1.2827	0.573122	0.826001	-1.21065	0.764339	1.30845										
cg20814026	ANKRD53;ANKRD53		0.894141		?	?	?	?	0.821581	-1.22538	0.645465	0.583197	-1.71495	0.977778	0.952268	-1.05012	0.219777	0.46966	2.12904												
cg01319471	MAN2B1		0.894146		0.386185	0.59822	-1.67163	0.477686	0.658665	-1.51822	0.857982	0.901587	-1.10916	0.788477	1.16828	1.16828	0.455989	1.55136	1.55136												
cg00993824	LRRC41;L12BR2		0.894155		0.307603	0.743931	1.34504	0.180919	0.784555	1.32815	0.328815	0.908662	1.10041	0.908081	0.889511	1.12421	0.885149	0.478545	-2.08962												
cg11726827	TRNAU2;TRNAU1AP		0.894157		0.597078	1.19038	1.19038	0.507788	0.802922	-1.24545	0.991388	1.00353	0.820901	1.07689	1.07689	0.944217	0.02313	0.02313												
cg19590290	CENPE PCDH7;PCDH7;PCDH7;PCDH7;PCDH7;P		0.894167		0.895414	0.911605	-1.09697	0.8299	0.859513	-1.16345	0.764696	1.2352	1.2352	0.872721	0.893314	-1.11943	0.71387	0.771716	-1.29581												
cg24291087	CDH7		0.89417		0.666096	0.841101	-1.13109	0.276007	0.724361	-1.38053	0.450442	1.24462	1.24462	0.7665	0.918747	-1.08844	0.646205	0.876752	-1.14057												
cg10983099	ZFAND3		0.894184		0.805564	1.07155	1.07155	0.97457	0.976354	-1.02436	0.336196	0.801102	-1.24828	0.766468	0.899502	-1.11121	0.884674	1.17102	1.17102												
cg09503522	ZNF321		0.894192		0.48485	0.748168	-1.3366	0.300582	1.55027	1.55027	0.891001	0.9455	-1.05764	0.887545	0.943808	-1.05954	0.552642	0.782291	-1.2783												
cg22488067	XKCC2		0.894201		0.929897	0.937319	-1.06709	0.958804	0.984487	-1.01576	0.171962	0.643977	-1.55285	0.824228	1.06965	1.06965	0.923545	0.972253	-1.02796												
cg23530206	CXCL14		0.894258		0.763339	1.1948	1.1948	0.295514	0.911882	-1.09707	0.180267	0.518781	1.92883	0.633889	1.34397	-1.36456	0.284499	0.707681	-1.41339												
cg18011078	MAD1L1;MAD1L1;MAD1L1		0.894263		0.388508	1.25477	1.25477	0.875998	1.04092	1.04092	0.749319	1.20283	1.20283	0.85682	0.954681	-1.04747	0.599795	1.14563	1.14563												
cg18374134	PTPN1		0.894263		0.863484	1.10908	1.10908	0.790506	0.927506	-1.16617	0.953401	1.03082	1.03082	0.910821	0.947676	-1.05521	0.804733	1.15933	1.15933												
cg10555106	LOC388588		0.894294		0.866911	0.91639	-1.09124	0.781952	0.865513	-1.15538	0.710562	0.823619	-1.21415	0.749801	0.748078	1.18122	1.18122	0.597239	1.39561	1.39561												
cg05881034	SEC22C;SEC22C		0.894313		0.567023	1.1883	1.1883	0.256995	1.42295	1.42295	0.984649	1.00575	1.00575	0.689011	0.886205	-1.12841	0.740721	0.905735	-1.10408												
cg26710667	CLIP1		0.894315		0.876727	1.1482	1.1482	0.276776	1.23676	1.23676	0.586265	0.780648	-1.41034	0.576868	0.703041	-1.42184	0.547854	0.815933	-1.22545												
cg17412602	POU3F1		0.894322		0.728121	0.835737	-1.19638	0.791019	0.873786	-1.14487	0.765564	0.859062	-1.16406	0.520903	0.718516	-1.39176	0.699662	0.821249	-1.21766												
cg07648758	C5orf1		0.894344		0.502642	1.1988	1.1988	0.159334	0.697471	-1.43454	0.572208	0.6581	-1.5191	0.554295	0.852556	-1.17288	0.422424	0.50092	-1.99602												
cg02507579	OR5H15		0.894347		0.973665	1.06762	1.06762	0.439318	0.867314	-1.86731	0.336587	0.140325	-7.1263	0.979981	1.05099	1.05099	0.308387	0.123728	-8.08221												
cg25202358	MCM7;AP4M1;MCM7		0.894371		0.813348	0.954276	-1.05789	0.449362	0.955352	-1.04671	0.761747	1.13747	1.13747	0.615834	0.886588	-1.12732	0.229487	0.747045	-1.33871												
cg19648955	MTX2;MTX2		0.894382		0.733806	0.83811	-1.19308	0.799978	1.05038	1.05038	0.210284	0.803483	0.826995	-1.2092	0.892374	0.961449	-1.0401														
cg14448864	HYAL3;NAT6;NAT6;HYAL3		0.894403		0.868475	1.03325	1.03325	0.911239	0.978231	-1.02225	0.212837	1.29558	1.29558	0.507501	1.14192	1.14192	0.959869	1.00998	1.00998												
cg13559478	ZNF783		0.89424		0.93687	1.07006	1.07006	0.837732	0.918428	-1.19342	0.813663	1.12663	1.12663	0.339056	1.23888	1.23888	0.599824	1.18526	1.18526												
cg07833019	EGFLAM		0.894422		0.770133	0.892889	-1.11996	0.259396	0.57608	-1.73608	0.76208	0.824321	-1.21312	0.797284	0.905265	-1.10465	0.916364	1.03136	1.03136												
cg23715505	NHLRC2;DLRE1A		0.894423		0.349535	1.3459	1.3459	0.665363	0.919302	-1.08455	0.874767	0.97342	-1.02704	0.97649	0.932391	1.07243	0.312132	1.10693	1.10693												
cg18598329	FANCD2;FANCD2;C3orf24		0.894437		0.469198	1.64555	1.64555	0.684869	0.758838	-1.3178	0.884697	0.906745	-1.10285	0.217768	2.46361	2.46361	0.751646	2.23955	2.23955												
cg22691736	MTRF1		0.894451		0.613404	1.65975	1.65975	0.946947	1.06842	1.06842	0.672004	1.52737	1.52737	0.653662	1.56107	1.56107	?	?	?												
cg10311833	TFP11;TFP11		0.894464		0.347513	1.39844	1.39844	0.956514	0.511182	1.41691	1.41691	1.31994	1.31994	0.70988	0.838363	1.1928	0.612811	0.905004	-1.10485	0.476683	2.09756	0.86816	-1.15186										
cg04609927	IGFBP3;IGFBP3		0.894484		0.611399	0.751394	-1.33086	0.998532	1.00102	1.00102	0.431098	1.56864	1.56864	0.568728	1.37931	1.37931	?	?	?												
cg05237944	FUA2		0.894523		0.848468	0.939486	-1.06441	0.318768	0.714398	-1.39978	0.78986	0.920088	-1.08685	0.335212	1.38315	1.38315	0.496347	1.25286	1.25286												
cg13988587	NRF1		0.894553		0.449147	0.884393	-1.13072	0.218321	1.26096	1.26096	0.639414	1.08817	1.08817	0.477381	0.878652	-1.13811	0.871338	0.971392	-1.02945												
cg02357017	SKP1;SKP1;SKP1;SKP1		0.894555		0.904253	1.05504	1.05504	0.878066	0.933926	-1.07075	0.229226	0.570192	-1.75379	0.614483	1.25374	1.25374	0.823282	1.10472	1.10472												
cg20154843	EMILIN1		0.894563		0.544654	1.55641	1.55641	0.854008	0.837752	-1.1324	0.801331	1.18674	1.18674	0.831209	1.15598	1.15598	0.812455	1.08382	1.08382												
cg09113613	RALGAPB		0.894566		0.292732	0.808268	-1.23721	0.345057	0.827249	-1.20883	0.883549	0.971823	-1.02899	0.783188	0.947631	-1.05526	0.761432	1.06118	1.06118												
cg18913890	CTNNA2;CTNNA2		0.894573		0.958482	1.02885	1.02885	0.290567	1.08675	1.08675	0.742984	1.22823	1.22823	0.883455	0.915779	-1.09215	0.748453	0.879434	1.13664	1.13664												
cg21498233	CHD3		0.894575		0.948646	1.02807	1.02807	0.296026	0.630013	-1.58727	0.647272	1.21897	1.21897	0.948161	1.02809	1.02809	0.767429	1.13595	1.13595												
cg26133041	ABR;ABR;ABR		0.894601		0.488029	1.4569	1.4569	0.428059	1.54062	1.54062	0.88088	0.923027	-1.08339	0.498444	0.692757	-1.44351	0.319734	0.73189	1.73189												
cg14669524	SPATS1		0.894623		0.97988	1.00142	1.00142	0.875016	0.964794	1.03604	0.59738	0.927009	1.0975	0.838153	0.85809	-1.16302	0.338707	0.72089	1.38707												
cg01266688	ACTR1B		0.894623		0.741496	1.16255	1.16255	0.341886	1.56138	1.56138	0.641989	1.23742	1.23742	0.455448	0.707605	-1.41322	0.856561	0.920976	-1.0858												
cg07369260	TIE9P1		0.894631		0.429923	0.804244	-1.27544	0.529818	1.19121	1.19121	0.798976	0.990702	-1.00331	0.881979	1.03031	1.03031	0.400392	0.774554	-1.29109												
cg22816218	PIK3R3		0.894638		0.77139	1.17422	1.17422	0.920033	0.946149	-1.05692	0.46325	1.50919	1.50919	0.748405	0.837449	-1.1941	0.851251	0.878946	1.13773												
cg02276086	IFIH1		0.894654		0.405674	0.649568	-1.53948	0.671695	0.805574	-1.24135	0.79904	0.878639	-1.13812	0.491571	0.701669	-1.42517	0.651165	0.793869	-1.25965												
cg23098812	INTS4		0.894679		0.709622	0.911237	1.09747	0.145364	0.913499	1.09491	0.184745	1.28045	1.28045	0.866447	1.24265	1.24265	0.801331	1.18674	1.18674												
cg09148842	SPG20;SPG20;SPG20;SPG20		0.894697		0.640635	0.874583	-1.1434	0.618204	0.865563	-1.15398	0.301778	1.35655	1.35655	0.897546	1.0374	1.0374	0.370437	0.770527	-1.29781												
cg19121279	NCAPG3		0.894741		0.954862	1.04785	1.04785	0.790567	1.08675	1.08675	0.743991	1.17558	1.17558	0.615062	1.40756	1.40756	0.637709	1.11111	1.11111												
cg25280706	CTNNA3;CTNNA3;LRRTM3;LRRTM3		0.894727		0.995004	1.00201	1.00201	0.37784	1.3365	1.3365	0.333891	1.37642	1.37642	0.43048	1.29427	1.29427	0.221296	1.51002	1.51002												
cg16831471	ANKLE2		0.894729		0.897262	0.932979	-1.07184	0.257468	1.88631	1.88631	0.431173	1.5395	1.5395	0.594782	0.749533	-1.33416	0.695213	0.809411	-1.23547												
cg11782409	MXI4;SBF1P1		0.894739		0.950449	1.03742	1.03742	0.921554	0.7529	-1.3282	0.367001	0.753706	-1.32756	0.731565	0.690702	-1.44853	0.476683	0.597861	-1.67273												
cg18329362	MBP;MBP		0.894748		0.485304	0.590753	-1.69275	0.961298	0.96462	-1.03668	0.434344	1.80787	1.80787	0.405017	0.53174	-1.88062	0.547409	0.636385	-1.57138												
cg12117651	DLC1;DLC1		0.894748		0.694021	1.10591	1.10591	0.482177	0.923726	-1.0785	0.683826	0.833926	-1.19915	0.5606	0.747397	-1.33804	0.568202	0.722536	-1.38423												
cg16942222	JAKMIP1		0.894782		0.826512	0.778379	-1.28472	0.950114	0.931078	-1.07402	0.888624	0.852198	-1.17344	0.296474	0.290678	-3.44024	0.610418	0.556293	-1.79762												
cg01602937	TKT;TKT;TKT		0.894841		0.782345	0.892725	-1.12017	0.519838	0.929459	1.09459	0.604026	1.19611	1.19611	0.724577	0.86506	-1.15599	0.537424	0.769895	-1.29888												
cg17776267	PPM1H		0.894843		0.967463	1.03286	1.03286	0.527079	1.30306	1.30306	0.672542	1.28945	1.28945	0.619198	0.89005	-1.12349	0.444665	-1.0588	0.89977												
cg13865060	SEL1L2		0.894858		0.414312	0.603138	-1.65827	0.428602	0.621955	-1.63144	0.678986	0.778706	-1.28489	0.285975	0.510879	-1.95745	0.983943	1.07269	-1.07269												
cg00084818	NFATS;NFATS;NFATS;NFATS;NFATS		0.894864		0.800119	1.08953	1.08953	0.790567	1.08675	1.08675	0.743991	1.17558	1.17558	0.615062	1.40756	1.40756	0.637709	1.11111	1.11111												
cg03824562	C7orf70		0.894879		0.595766	0.74051	-1.35042	0.963533	0.975909	-1.02469	0.988017	0.991609	-1.00846	0.581511	1.36665	1.36665	0.17537	0.445482	-2.24476												
cg26371206	BPSP1;BPSP1		0.894879		0.467394	0.84586	-1.18248	0.324555	0.818282	-1.22206	0.890924	1.02954	1.02954	0.417557	0.809807	-1.23552	0.625011	0.78435	-1.27497												
cg15477011	FOXP1;FOXP1		0.894879		0.456701	0.47943	-2.08603	0.479534	0.7529	-1.3282	0.367001	0.753706	-1.32756	0.731565	0.690702	-1.44853	0.476683	0.597861	-1.67273												
cg04226386	C5orf89;C5orf89		0.894879		0.933009	1.02014	1.02014	0.837517	0.952471	-1.0499	0.876925	1.03744	1.03744	0.264983	0.759194	-1.31719	0.227689	0.740596	-1.35026												
cg02037215	ALDOA;ALDOA;ALDOA;ALDOA		0.894879		0.620337	0.859154	-1.16393	0.41828	0.955254	-1.04677	0.882127	1.13953	1.13953	0.534314	0.844308	-1.18415	0.440182	0.753577	-1.32747												
cg19238380	LMNA;LMNA;LMNA		0.894924		0.345015	0.466129	-2.14533	0.316218	0.25514	-2.25514	0.834769	0.844809	-1.17812	0.576382	0.642138	-1.5573	0.772635	0.842859	-1.18705												
cg03584627	TMEM63A;TMEM63A		0.894942		0.538777	0.736475	-1.35796	0.442004	1.1476	1.1476	1.471	0.914042	-1.06288	0.52415	0.700378	-1.4278	0.947443	0.964319	-1.03696												
cg21083709	NT5C;C5orf47		0.894946		0.34883	1.19535	1.19535	0.401075	0.852986	-1.17235	0.858609	1.03354	1.03354	0.641408	1.09065	1.09065	0.559825	0.990722	-1.00944												
cg25605792	SMC3		0.894949		0.685411	0.852004	-1.17312	0.49654	1.31193	1.31193	0.255762	1.59452	1.59452	0.619208	1.22219	1.22219	0.577435	1.24776	1.24776												
cg04858597	MAF;MAF		0.894965		0.810035	1.08253	1.08253	0.790567	1.08675	1.08675	0.743991	1.17558	1.17558	0.615062	1.40756	1.40756	0.637709	1.11111	1.11111												
cg14863484	GOT2		0.894982		0.872696	1.0439	1.0439	0.370762	1.27918	1.27918	0.390187	1.2659	1.2659	0.845158	0.948965	-1.05378	0.875027	0.958711	-1.04307												
cg08976515	RDBP		0.894983		0.907605	1.04395	1.04395	0.587264	0.878735	-1.13853	0.722515	0.875834	-1.14263	0.691284	0.709112	-1.40955	0.599232	0.699822	-1.42916												
cg14163311	RASSF5;RASSF5;RASSF5		0.894983		0.959707	0.973706	-1.027	0.922641	0.950063	-1.05256	0.166026	0.458862	-2.1793	0.683231	1.24157	0.752373	0.18168	0.18168												
cg10735633	TRIM9;TRIM9;TRIM9;TRIM9		0.894997		0.420952	0.781483	-1.27962	0.675701	0.881462	-1.13448	0.596839	1.17362	1.17362	0.789273	0.92281	-1.08365	0.982718	0.993525	-1.00652												
cg25097800	SLC35A5		0.895032		0.53535	1.26015	1.26015	0.5	0.7529	-1.3282	0.367001	0.753706	-1.32756	0.731565	0.690702	-1.44853	0.476683	0.597861	-1.67273												
cg26232989	ZCCHC2		0.895034		0.502871	1.14841	1.14841	0.790255	0.947192	-1.05575	0.921121	0.980044	-1.02036	0.86004	1.03657	1.03657	0.219138	1.30083	1.30083												
cg05934406	HNRNPF;HNRNPF;HNRNPF;HNRNP		0.895036		0.807076	1.08675	1.08675	0.951216	1.02102	1.02102	0.413622	1.32867	1.32867	0.96888	0.994425	-1.00561	0.69947	0.876432	-1.14099												
cg19179603	NCRNA00188;NCRNA00188;NCRNA001 88;NCRNA00188;NCRNA00188;NCRNA00188		0.895054		0.732669	1.55436	1.55436	0.634	0.539554	-1.85338	0.552434	2.16664	2.16664	0.806822	0.729673	-1.37048	0.319003	3.76156	3.76156												
cg13607936	C5orf78;USP20;USP20;USP20		0.895057		0.497238	0.695384	-1.43819	0.194602	0.945477	-1.18276	0.674002	1.08555	1.08555	0.718495	0.734293	-1.36218	0.794582	0.959111	-1.04263												
cg24496481	POU		0.895072		0.67436	1.18111	1.11811	0.75709	1.08542	1.08542	0.54581	0.850861	-1.17528	0.675015	1.11785	1.11785	0.804865	0.936697	-1.06758												
cg24053198	NTSC		0.895073		0.572349	1.15055	1.15055	0.881751	1.03727	1.03727	0.33355	1.16766	1.16766	0.245367	0.741802	-1.34807	0.674726	0.90145	-1.10932												
cg19016188	JARID2		0.895121		0.796961	0.887247	-1.12582	0.506453	0.913511	1.08569	0.886219	0.917368	1.08998	0.674838	1.19468	1.19468	0.670398	1.19468	1.19468												
cg25473203	C5orf51;MIR939 C5orf59;C5orf59;C5orf59;C5orf59;C5or		0.895131		0.300376	0.60543	2.60543	0.304573	0.58244	2.58244	0.442481	2.01127	2.01127	0.787657	1.2724	1.2724	0.302487	0.914657	-1.09331												
cg20863715	f59;C5orf59;C5orf59;C5orf59		0.895142		0.902543	0.977775	-1.02273	0.635294	1.09162	1.09162	0.97345	0.993912	-1.00612	0.85067	0.966011	-1.03518	0.129956	1.35002	1.35002												
cg20502442	ZDHHC14;ZDHHC14		0.895151		0.999713	1.00039	1.00039	0.648089	0.607418	-1.64631	0.542552

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg15209945	IER2;ST410	0.895568	0.663014	0.854575	0.195052	0.768627	0.12855	0.458743	1.36247	1.36247	0.947383	1.002743	0.209328	0.581297	0.722329	0.725386	0.86538	-1.15556	0.654944	1.00251	1.00251	0.842293	1.1838	1.1838	0.845467	1.08129	0.812362	1.09769	2.36618	
cg04042030	TBL1Y;TBL1Y	0.895574	0.658284	0.471048	-2.12293	0.589613	2.51177	2.51177	0.569944	2.64079	0.484035	3.32194	3.32194	0.403483	4.23999	4.23999		0.397964	0.231379	-4.32191	0.718915	0.54267	-1.84274	0.831156	0.696895	-1.43494	0.621354	2.32112	0.823152	
cg25236028	NXN	0.895576	0.55824	1.52705	1.52705	0.412032	1.82159	1.82159	0.781328	1.22014	1.22014	0.553143	0.651188	-1.53565	0.457472	0.582161	-1.71774		0.608469	0.691133	-1.4469	0.795718	1.20382	1.20382	0.394029	1.8668	1.8668	0.897898	0.912297	-1.09613	0.412349	3.33867	7.19707	
cg00993991	FGFRL1;FGFRL1;FGFRL1	0.89956	0.459055	2.51169	2.51169	0.857831	1.24479	1.24479	0.55993	2.05464	2.05464	0.51902	2.2224	2.2224	0.394473	3.1617	3.1617		?	?	0.507787	2.27231	2.27231	0.473187	0.410154	-2.43811	0.826504	1.30756	1.30756	0.393582	8.26857	21.0085	
cg13480010	IGFALS;IGFALS;IGFALS ATG4A;PSMD10;ATG4A;PSMD10;ATG4	0.89563	0.382996	0.60471	-1.65369	0.387519	1.64543	1.64543	0.273954	1.89663	1.89663	0.8398	1.12053	1.12053	0.913974	0.800267	-1.24958		0.969254	0.978562	-1.02191	0.70714	1.23641	1.23641	0.922975	1.05588	1.05588	0.962096	0.973633	-1.02708	0.412259	2.06413	4.45056	
cg17926057	A;ATG4A	0.895645	0.302907	0.526059	-1.90093	0.363787	0.570199	-1.75377	0.969708	0.977402	-1.02312	0.649844	1.31666	1.31666	0.922158	0.942866	-1.0606		0.276562	0.505999	-1.97629	0.948051	0.961539	-1.04	0.947277	1.04061	1.04061	0.897043	1.08104	1.08104	0.412234	2.36546	5.10058	
cg02732611	SEPSECS;SEPSECS;SEPSECS	0.89566	0.454842	0.639345	-1.53092	0.343764	0.556681	-1.79636	0.525416	0.679442	-1.4718	0.760267	0.82548	-1.21142	0.633088	1.33491	1.33491		0.77346	0.840847	-1.18928	0.432038	0.617787	-1.61868	0.822946	1.14408	1.14408	0.329732	0.546561	-1.82962	0.41221	2.35503	5.07838	
cg04548378	CDKN1C;CDKN1C;CDKN1C	0.895677	0.329868	0.813405	1.2294	0.763398	1.06397	1.06397	0.611302	0.970709	-1.04485	0.400604	1.83784	1.19354	0.502105	2.15091	1.15091		0.833774	0.957502	1.04638	0.932699	1.16641	1.16641	0.812882	0.725387	0.753287	0.539385		
cg05203875	FGFR3;FGFR3;FGFR3	0.89569	0.830165	1.0805	1.0805	0.763881	0.8971	-1.1147	0.960823	0.98245	-1.01786	0.948242	1.02368	1.02368	0.333868	0.698188	-1.43228		0.449956	0.757686	-1.31981	0.349907	1.41457	1.41457	0.700163	1.14967	1.14967	0.531915	0.795949	-1.25636	0.412616	0.848097	1.82906	
cg16586383	OSBPL10	0.895703	0.687021	0.89505	-1.11726	0.674939	1.01894	1.01894	0.844684	0.783612	0.927413	-1.07827	0.507744	0.831976	0.612056	1.20312	1.20312		0.297502	0.794245	-1.344	0.528219	1.31819	1.31819	0.777375	1.00767	1.00767	0.74386	0.914156	-1.0939	0.412138	0.489141	1.05497	
cg19930323	MCF02;TTC7A;MCF02;TTC7A	0.895707	0.603342	1.60955	1.60955	0.156217	0.49167	2.49167	0.384811	0.241681	2.91681	0.97001	1.00372	0.802655	0.51752	1.15752			0.72551	1.4178	1.4178	0.739884	2.62972	2.62972	0.64973	1.5727	1.5727	0.605547	0.67522	1.67522	0.412131	0.402403	13.808	
cg19345158	CDH8	0.895799	0.806422	0.905897	-1.05164	0.329413	0.892534	-1.12041	0.502046	0.770779	-1.29737	0.758097	1.12691	1.12691	0.385542	1.41067	1.41067		0.58053	1.24095	1.24095	0.327159	1.4788	1.4788	0.997708	0.99889	-1.00111	0.52402	0.779436	-1.28298	0.401978	0.929269	2.02981	
cg03378645	CMIP;CMIP	0.895804	0.461738	0.760592	-1.42736	0.656297	0.80838	-1.23704	0.513133	1.34957	-1.94057	0.633872	1.25765	1.25765	0.63978	0.799431	-1.25089		0.745154	0.856507	-1.16753	0.520061	0.733686	-1.36298	0.253868	0.567857	-1.76101	0.927264	0.957564	-1.04432	0.411971	1.47165	3.1753	
cg12535138	RANGRF;SLC25A35	0.895824	0.594106	1.4037	1.4037	0.644936	1.33984	1.33984	0.416768	1.68752	1.68752	0.251542	1.21812	1.21812	0.165616	1.6217	1.6217		0.697751	1.27896	1.27896	0.940901	1.04108	1.04108	0.642829	0.744949	-1.34237	0.678699	0.769028	-1.30034	0.411937	2.59334	5.59599	
cg05328052	KDM5B	0.895826	0.356268	0.786818	-1.25216	0.906959	0.991115	-1.00897	0.408802	1.1227	1.1227	0.841317	1.04807	1.04807	0.885643	0.96647	-1.03469		0.595036	0.880606	-1.13558	0.590755	1.1373	1.1373	0.975949	1.22783	1.22783	0.648878	1.11476	1.11476	0.410934	0.366437	0.790714	
cg19507093	FAM43B	0.895827	0.513757	0.633945	-1.57742	0.395772	0.549589	-1.81954	0.195282	0.38953	-2.5672	0.934767	0.945214	-1.05796	0.585908	0.684803	-1.46027		0.996129	0.996667	-1.00334	0.885456	0.905551	-1.1043	0.326814	0.498198	-2.00723	0.727782	0.786221	-1.27191	0.411933	3.09073	6.66932	
cg12114820	OSBPL8;OSBPL8	0.89585	0.965998	0.952958	-1.04936	0.357703	0.341785	-2.92582	?	?	?	0.762812	0.710169	-1.40812	0.602195	1.66134	1.66134		0.505492	0.465169	-2.14976	?	?	?	0.863531	0.822327	-1.21642	0.522271	2.08441	2.08441	0.860088	5.63955	15.4049	
cg26246387	UNC13A	0.895862	0.532572	1.87965	1.87965	0.343828	0.239141	-4.17466	0.52449	0.388614	-2.57325	0.819932	1.39673	1.39673	0.5365	0.399615	-2.50241		0.66053	0.52327	-1.91106	0.330175	0.229337	-4.3604	0.623366	0.484152	-2.06547	0.273453	0.188124	-5.31308	0.411874	14.009	30.2336	
cg09259595	ARHGEF10	0.895868	0.534331	0.75307	-1.3279	0.946212	0.970054	-1.03087	0.721192	1.17525	1.17525	0.805159	0.894793	-1.11758	0.20023	0.543495	-1.83994		0.941681	1.03352	1.03352	0.48683	1.37489	1.37489	0.835703	1.0981	1.0981	0.672307	1.21133	1.21133	0.411864	1.3246	2.85876	
cg07356130	CTI9	0.895872	0.419155	1.93225	1.93225	0.177006	0.341785	-2.92582	?	?	?	0.762812	0.710169	-1.40812	0.602195	1.66134	1.66134		0.77718	1.58388	1.58388	?	?	?	0.943685	0.912409	-1.09561	0.324175	7.7199	16.0093	1
cg21658839	MIR5518;C3orf50	0.895879	0.877034	1.07061	1.07061	0.312784	0.631258	-1.58414	0.395778	0.682731	-1.46471	0.65223	1.22127	1.22127	0.669782	1.20806	1.20806		0.554055	1.30176	1.30176	0.643027	1.22832	1.22832	0.796839	1.12038	1.12038	0.592735	1.26857	1.26857	0.411847	1.20633	2.73308	
cg20129314	OCA2	0.895902	0.871908	0.864551	-1.15657	0.197141	0.941949	1.06163	0.942347	0.770779	-1.29737	0.758097	1.12691	1.12691	0.385542	1.41067	1.41067		0.58053	1.24095	1.24095	0.327159	1.4788	1.4788	0.997708	0.99889	-1.00111	0.52402	0.779436	-1.28298	0.401978	0.929269	2.02981	
cg01516933	LPHN1;LPHN1	0.895925	0.316458	1.13974	1.13974	0.548478	0.926182	-1.0797	0.66612	0.94665	-1.05636	0.616859	1.06578	1.06578	0.87673	0.980586	1.0198		0.521791	0.921269	-1.08546	0.372992	0.890912	-1.12245	0.904913	1.01521	1.01521	0.924515	1.01204	1.01204	0.41177	0.104027	0.224562	
cg24722619	DPY19L2P2;DPY19L2P2	0.895925	0.72525	0.855337	-1.16913	0.941955	1.03277	1.03277	0.431876	1.42647	1.42647	0.928134	1.04075	1.04075	0.377463	0.669644	-1.49333		0.286304	0.612249	-1.63284	0.936207	0.965174	-1.03608	0.655339	1.22011	1.22011	0.726758	1.16806	1.16806	0.411769	1.27872	2.76039	
cg10043865	LHX1	0.895928	0.343668	0.798818	-1.25216	0.906959	0.991115	-1.00897	0.408802	1.1227	1.1227	0.841317	1.04807	1.04807	0.885643	0.96647	-1.03469		0.595036	0.880606	-1.13558	0.590755	1.1373	1.1373	0.975949	1.22783	1.22783	0.648878	1.11476	1.11476	0.410934	0.366437	0.790714	
cg19170991	HK1;HK1;HK1;HK1;HK1	0.895928	0.285004	0.482213	-2.07377	0.969477	1.02545	1.02545	0.545074	0.668807	-1.4952	0.762417	0.819441	-1.22034	0.901438	0.921849	-1.08478		0.968836	0.974668	-1.02599	0.193481	0.405064	-2.46875	0.454428	0.606259	-1.64946	0.922484	0.938077	-1.06601	0.411765	2.81307	6.07266	
cg09381494	B4GALT3	0.895973	0.20996	0.71684	-1.39533	0.433853	0.161878	-1.23171	0.553621	1.10542	1.10542	0.880977	1.07302	1.07302	0.854525	1.04061	-1.05813		0.903792	1.0896	1.0896	0.562788	1.15896	1.15896	0.809014	1.09512	1.09512	0.6662	0.64221	1.12521	1.12521	0.411769	0.454507	0.884973	1.91767	
cg19713083	ATP5G3;ATP5G3	0.89604	0.486494	0.84313	-1.18606	0.447809	0.829696	-1.20526	0.370528	0.80987	-1.24846	0.46146	1.19833	1.19833	0.90347	0.732047	-1.36592		0.560789	0.867676	-1.1525	0.503959	0.849034	-1.17781	0.884522	0.965447	-1.03579	0.685387	1.10328	1.10328	0.411622	0.379662	0.81987	
cg02404484	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.896022	0.502872	0.879768	-1.13666	0.700435	1.07555	1.07555	0.836233	1.03977	1.03977	0.297093	0.815742	-1.22588	0.883403	0.972732	-1.02803		0.287197	0.812049	-1.23145	0.905356	0.977841	-1.02266	0.846323	0.964104	-1.03723	0.597963	1.10545	1.10545	0.411608	0.231375	0.499667	
cg26376462	AHR;AHR;AHR;AHR	0.896056	0.573631	0.728441	-1.37236	0.4057	0.736155	1.35705	0.753889	1.13649	-1.13649	0.454962	1.13649	1.13649	0.454962	1.13649	-1.13649		0.37314	0.62802	-1.59264	0.481424	1.18405	1.18405	0.829219	1.12792	1.12792	0.961927	0.97375	-1.02696	0.417552	2.02411	4.37175	
cg12550012	LOC344595;LOC344595;LOC10030640	0.89607	0.886187	1.03627	1.03627	0.302963	1.30998	1.30998	0.821487	1.05783	1.05783	0.683248	0.902986	-1.10744	0.704095	0.920803	-1.08601		0.490555	0.840133	-1.19029	0.47968	0.836329	-1.1957	0.925807	1.02344	1.02344	0.436873	1.2181	1.2181	0.411528	0.403279	0.87107	1
cg18185250	TPK8	0.896072	0.741061	1.08494	1.08494	0.607876	1.13568	1.13568	0.981291	0.994252	-1.00578	0.450116	0.827634	-1.20826	0.442946	1.21204	1.21204		0.246506	1.34706	1.34706	0.609191	1.13514	1.13514	0.875675	1.03924	1.03924	0.743102	0.92233	-1.08421	0.411525	0.393898	0.850816	1
cg14339043	ANKRD24	0.896079	0.970351	0.973043	-1.0277	0.321402	0.470849	-2.12182	0.856976	0.875739	-1.14184	0.803266	1.20145	1.20145	?	?	?		0.878173	1.11919	1.11919	0.91565	1.08101	1.08101	0.919595	0.924851	-1.07706	0.210786	0.379281	-2.63657	0.392784	2.98926	7.61043	1
cg09743113	C10orf81	0.896097	0.67635	1.48009	1.48009	0.74757	0.754859	-1.32475	0.824402	0.98696	-1.01328	0.746882	1.23138	1.23138	0.582899	0.962132	-1.03936		0.962624	0.965072	-1.03655	0.536807	1.58682	1.58682	0.710499	1.21984	1.21984	0.414084	1.55198	1.55198	0.411527	0.56045	1.41457	1
cg14744161	TSPYL1;DSE;DSE	0.896105	?	?	?	0.62184	1.75297	1.75297	0.824494	1.285	1.285	0.814365	0.766787	-1.30414	0.301424	3.34936	3.34936		0.538017	1.494625	-2.02173	0.995509	1.00637	1.00637	0.707981	1.5293	1.5293	0.431962	0.404357	-2.47306	0.392741	7.04733	17.944	1
cg01251150	PIK3R1	0.896108	0.459449	0.533972	-1.87236	0.592408	0.872895	-1.16766	0.513459	0.857393	-1.17426	0.674872	0.530432	1.88525	0.284208	1.88525	1.88525		0.746204	0.762998	-1.31063	0.418365	0.307118	-3.25608	0.884904	1.1263	1.1263	0.790358	0.80365	-1.24485	0.414153	0.425153	0.876815	1
cg24007388	NRXN2;NRXN2;NRXN2	0.896123	0.989411	0.9912	-1.00888	0.207619	0.42303	2.42303	0.47107	1.62829	1.62829	0.901593	1.08588	1.08588	0.907208	0.925276	1.08076		0.533303	0.656883	-1.52234	0.687138	1.30952	1.30952	0.884961	1.10123	1.10123	0.571778	0.68347	-1.46347	0.411444	2.89075	6.24527	
cg03221247	LYPLA1	0.896127	0.682196	0.786676	-1.27117	0.852141	1.1485	1.1485	0.288715	0.526311	-1.90002	0.697765	1.25537	1.25537	0.22859	0.478821	-2.08846		0.824959	0.87889	-1.1378	0.787403	1.17062	1.17062	0.861894	1.10681	1.10681	0.985337	0.989347	-1.01077	0.411435	2.21321	4.78155	1
cg00039495	PHOX2B;HOPX;HOPX;HOPX;HOPX;HOPX	0.896158	0.418685	0.736668	-1.35764	0.35736	0.865343	-1.15574	0.594073	0.825125	-1.21161	0.548379	1.08025	1.08025	0.868609	0.927289	-1.07856		0.491012	0.596461	-1.67656	0.304056	0.448566	-2.22932	0.467196	0.727207	1.37489	0.727207	1.37489	0.727207	1.37489	0.411435	0.695089	1.43882	3.58382	1
cg10718940	OLFM2	0.896175	0.35714	2.26417	2.26417	0.516025	0.567206	-1.76303	0.945155	1.0609	1.0609	?	?	?	?	?	?		0.784227	0.798783	-1.2519	0.49143	1.82554	1.82554	0.777023	0.783447	-1.27641	0.476136	1.86661	1.86661	0.387537	3.94292	8.90252	1
cg13770446	CLCNKA;CLCNKA	0.896189	0.609857	0.752966	-1.32809	0.746655	0.866565	-1.15455	0.624762	0.586088	-1.70624	0.944971	0.956533	-1.04544	0.248914	0.460301	-2.17249		0.568344	0.488995	-2.04469	0.244064	1.15413	1.15413	0.944643	0.535675	-1.8668	0.506584	0.684714	-1.46067	0.411502	1.52602	3.27267	1
cg26246658	BRD2;BRD2	0.896198	0.508449	0.674965	-1.48288	0.814648	1.14759	-1.14759	0.498358	1.49741	1.49741	0.701483	1.25342	1.25342	0.879624	0.915009	-1.09289		0.924324	0.945841	-1.05726	0.275616	1.95166	1.95166	0.559633	0.707298	-1.41383	0.562119	1.41066	1.41066	0.40555	2.15938	4.14133	1
cg00872677	TTLL8	0.896203	0.766788	1.07504	1.07504	0.388937	0.741693	1.34893	0.408804	0.749156	1.33439	0.589328	0.832753	-1.20166	0.761249	0.912357	-1.09606		0.992864	0.997001	-1.00301	0.913078	1.39836	1.39836	0.795204	0.99327	-1.00199	0.912568	0.82565	-1.21117	0.410308	0.97465	1.58767	1
cg05185584	KCNJ11;KCNJ11;KCNJ11	0.896204	0.416284	0.724988	-1.37931	0.563509	1.25361	1.25361	0.819007	0.678753	-1.4329	0.574473	1.25521	1.25521	0.839008	0.761415	-1.31375		0.68601	1.70338	1.70338	0.19058	1.1024	1.1024	0.800342	1.10307	1.10307	0.674132	1.10953	1.10953	0.411502	0.976132	2.10955	1
cg19635544	NCK2;NCK2;NCK2	0.896223	0.495927	1.48633	1.48633	0.203669	0.463446	-2.15775	0.499624	0.675157	-1.48114	0.834875	0.88723	-1.1271	0.927143	1.05382	1.05382		0.838929	0.889885	-1.12374	0.84872	1.11568	1.11568	0.916086	1.06228	1.06228	0.497663	0.673907	-1.48389	0.411274	2.14024	4.62571	1
cg14231666	FURIN	0.896225	0.962782	0.995753	1.00419	0.277626	1.27525	1.27525	0.837396	0.959357	1.04253	0.85076	1.0928	1.0928	0.615979	1.15222	1.15222		0.840756	1.09544	1.09544	0.388251	0.83533	1.20318	0.831418	0.854504	1.17046	0.592716	0.874522	-1.14348	0.412171	1.44591	3.12508	1
cg02747151	ATP10A	0.896227	0.541485	1.59354	1.59354	0.818237	0.840685	-1.18951	0.744732	0.781692	-1.27928	0.57455	1.53355	1.53355	0.282625	1.9634	1.9634		0.928625	0.93469	-1.06987	0.223334	2.62358	2.62358	0.924333	0.930888	-1.07424	0.533715	1.60829	1.60829	0.411268	0.370181	0.80085	1
cg10360907	TSPAN31	0.896238	0.604398	1.44819	1.44819	0.362165	0.514955	-1.94206	0.775798	0.836764	-1.22434	0.812457	0.844980	-1.18355	0.382925	1.04499	1.04499	0.992276	-1.00122	0.804423	1.14223	1.19223	0.209802	0.391941	-2.5514	0.559478	0.658213	-1.51927	0.683732	1.12436	1.12436	0.41225	0.726983	1
cg17309297	ZNF329	0.896247	0.363713	0.69236	-1.44403	0.366874	0.646126	-1.54766	0.556766	0.847708	-1.18524	0.603974	1.22888	1.22888	0.680076	1.1724	1.1724		0.836569	0.921866	-1.08476	0.409838	1.39372	1.39372	0.853783	0.929915	-1.07537	0.906677	1.04727	1.04727	0.411235	0.103035	0.174388	1
cg04442806	MOB3B;MOB3B;MOBP	0.896254	0.503955	0.573492	-1.7437	0.236481	0.36168	-2.76487	0.50621	0.575229	-1.73844	0.903985	0.910878	-1.09784	0.553254	0.611565	-1.63515		0.443485	0.526991	-1.89756	0.70435	0.731968	-1.36618	0.986702	1.01376	1.01376	0.548489	1.64508	1.64508	0.411224	0.43792	0.946318	1
cg18936800	HDHD2	0.896267	0.759279	1.08276	1.08276	0.5162	0.91536	-1.09236	0.715696	1.01651	1.01651	0.838889	1.07024	1.07024	0.844691	0.934554	1.07027		0.783443	0.838175	1.19282	0.748175	0.76002	-1.31576	0.710387	0.845385	1.18275	0.74202	1.07387	-1.34757	0.742385	1.09765	1.09765	0.610029	0.8754	1.14226	0.411224	0.842218	1.6351	1
cg05850762	CCDC64B	0.896274	0.739079	0.903375	-1.11065	0.369995	0.748985	-1.33514	0.594291	0.844694	-1.18386	0.568611	0.829796	-1.20512	0.145413	0.612122	-1.63366		0.703952	0.887045	-1.12734	0.972335	0.989172	-1.01095	0.649913	0.866357	-1.15426	0.971803	1.01116	1.01116	0.41119	0.641902	1.38763	1
cg23367857	CALD1;CALD1;CALD1;CALD1;CALD1	0.896278	0.325466	0.561429	-1.78117	0.512375	1.49305	1.49305	0.964821	0.92532	1.02532	0.991808	1.00442	1.00442	0.60278	1.34221	1.34221		0.830128	1.12993	1.12993	0.357806	1.95695	1.95695	0.929235	1.21612	1.21612	0.955455	0.990327	-1.00977	0.419001	0.429279	1	
cg03271182	EXPH5;EXPH5	0.896281	0.605123	1.12159	1.12159	0.577311	1.13063	1.13063	0.530959	0.870747	-1.14844	0.345549	1.23596	1.23596	0.680405	1.09864	1.09864		0.760186	1.37432	1.37432	0.505574	2.0194	2.0194	0.728422	?	?	?	0.951979	1.06451	1.06451	0.337793	0.762649	12.9949	1
cg12047714	C17orf62;C17orf62;C17orf62	0.896292	?	?	?	0.522808	2.65124	2.65124	?	?	?	0.873536	1.27042	1.27042	0.500199	0.356834	-2.80242		?	?	?	0.42891	3.37741	3.37741	0.612591	2.15582	2.15582	0.859133	1.30596	1.30596	0.337986	7.8856	27.2197	1
cg04660357	TARBP2;TARBP2;TARBP2	0.896299	?	?	?	0.595753	1.48419	1.27626	1.27626	1.70325	1.70325	0.337396	1.59357	1.59357	0.85076	1.0928	1.0928		0.473122	2.13334	2.13334	0.405287	2.42728	2.42728	-2.4229	0.796256	0.764851	-1.30744	0.897404	1.14296	1.14296	0.337974	3.74739	12.9358	1
cg03076585	BRDT	0.896301	0.313036	0.765446	-1.30643	0.651792	0.890151	-1.1234	0.7758	0.92947	-1.07588	0.427639	0.812653	-1.23054	0.429175	0.813389	-1.22942		0.534121	0.851045	-1.17503	0.676246	1.11357	1.11357	0.301228	0.760049	-1.3157	0.692738	0.903273	-1.10708	0.411145	0.427249	0.923705	1
cg16727585	ACAC8	0.896303	0.540142	1.28392	1.28392	0.472794	0.337934	3.01655	0.411243	1.1555	1.1555	0.634962	1.21254	1.21254	0.332806	0.6686	-1.49566		0.514967	0.765554	-1.30624	0.541004	0.780331	-1.28151	0.731759	0.6867	1.45622	0.541004	1.28344	1.28344	0.411162	0.316716	0.625854	1
cg25166322	ZNF252;C8orf77	0.896337	0.798904	1.0908	1.0908	0.980186	1.08049	1.08049	0.824951	1.07833	1.07833	0.342004	1.39558	1.39558	?	?	?		0.641006	1.85225	-1.17536	0.542275	0.810584	-1.23368	0.343443	0.717301	-1.39412	0.849903	1.06662	1.06662	0.392353	0.640182	1.63165	1
cg22803407	GPR108;GPR108	0.896337	0.433034	1.50062	1.50062	0.945663	0.966013	-1.03518	0.543554	1.36604	1.36604	0.406055	1.53913	1.53913	0.455328	0.679936	-1.47073		0.422799	0.660103	-1.51491	0.956904	1.02779	1.02779	0.883318	1.07735	1.07735	0.727962	0.837652	-1.19339	0.849746	1.1241	1.1241	0.415071	0.247405	0.535633	1
cg24929436	PTGFR;PTGFR	0.896364	0.733837	1.07227	1.07227	0.39132	1.31516	1.31516	0.715696	1.01651	1.01651	0.838889	1.07024	1.07024	0.844691	0.934554	1.07027		0.783443	0.838175	1.19282	0.748175	0.76002	-1.31576	0.710387	0.845385	1.18275	0.74202	1.07387	-1.34757	0.742385	1.09765	1.09765	0.610029	0.8754	1.14226	0.411224	0.842218	1.6351	1
cg02543772	TMEM132C	0.896405	?	?	?	0.31766	1.7492	1.7492	0.816105	0.882053	-1.13372	0.73614	0.833384	-1.19993	0.84441	0.89956	-1.11165		0.703952	0.887045	-1.12734	0.972335	0.989172	-1.01095	0.649913	0.866357	-1.15426	0.971803	1.01116	1.01116	0.41119	0.641902	1.38763	1
cg11979591	NFG3	0.896435	0.814359	1.04176	1.04176	0.61973	0.846513	1.44151	0.859052	0.95052	-1.09827	0.861973	0.970186	-1.03079	0.716076	1.06559	1.06559		0.850073	0.967623	-1.03346	0.643199	0.729235	1.37137	0.729235	1.21612	1.21612	0.955455	0.990327	-1.00977	0.419001	0.429279	1	
cg10626925	MOBK1B;MOBK1B	0.896437	?	?	?	0.398145	0.406047	-2.46277	0.589296	0.567445	-1.76229	0.746743	0.715132	-1.39834	?	?	?		0.760186	1.37432	1.37432	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2)	Fold-Change(121T vs. 2)	p-value(3477 vs. N)	p-value(3477 vs. 3537)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg23968676	DPAGT1	0.897502	0.755816	0.93398	-1.07069	0.979101	1.0053	1.0053	1.05053	0.487687	1.15282	1.15282	0.304847	0.807097	-1.23901	0.455971	1.16549	1.16549	0.962226	0.990493	-1.0096	0.449844	0.836152	-1.16802	0.655433	0.913396	-1.09481	0.719972	0.929967	-1.07531	0.409144	0.263596	0.572678	1
cg12048617	BAT5	0.897561	0.800148	1.04992	1.04092	0.99756	0.999413	-1.00059	0.427226	0.855839	-1.16844	0.789736	1.05266	1.05266	0.672526	0.478252	1.14849	1.14849	0.852583	0.964907	-1.03637	0.22647	1.2762	1.2762	0.714915	0.931976	-1.07299	0.803084	0.953152	-1.04915	0.409046	0.239816	0.519182	1
cg09386096	CIP2	0.897587	0.569104	0.544366	-1.837	0.344599	0.357443	-2.79765	0.451092	0.444218	-2.25115	0.553656	0.530906	-1.88357	0.292728	0.315517	-3.1694		0.248152	0.279199	-3.58175	0.612622	0.582986	-1.71531	0.834306	0.801425	-1.24778	0.771101	0.734701	-1.3611	0.409001	7.2343	15.7224	1
cg16036305	TRIM33;TRIM33	0.897607	0.877534	1.03574	1.01974	0.876638	0.965234	-1.03502	0.486477	1.17478	1.17478	0.91849	1.02359	1.02359	0.381934	1.22664	1.22664		0.528304	0.864491	-1.15675	0.673716	0.908034	-1.10128	0.554435	1.14093	1.14593	0.311887	1.26912	1.26912	0.408968	0.336134	0.730585	1
cg05272556	NUDT3	0.897611	0.646875	1.12074	1.12074	0.65968	0.89627	-1.11574	0.796245	1.06604	1.06604	0.58761	1.1449	1.1449	0.867942	1.04198	1.04198		0.344844	1.27182	1.44702	0.825218	1.2118	0.60971	0.879014	-1.13764	0.492836	0.841875	-1.18783	0.408958	0.395564	0.859776	1
cg18945035	PLEKHO1	0.897614	0.883253	1.02164	1.02164	0.992857	1.13605	1.13605	0.320563	1.16133	1.16133	0.932359	1.01245	1.01245	0.780534	0.960114	-1.04154		0.923294	0.986063	-1.03413	0.762864	0.956879	-1.04506	0.696624	1.05876	1.05876	0.249538	1.19169	1.19169	0.408956	0.137547	0.298966	1
cg04908106	LMF1	0.897617	0.297603	3.71102	3.71102	0.773676	0.70458	-1.41929	0.995323	0.992908	-1.00714	?	?	?	0.932866	1.10774	1.10774		0.274297	3.98057	3.98057	0.827878	1.30269	1.30269	0.467707	2.45315	2.45315	0.973747	0.960825	-1.04077	0.39021	8.10161	20.7622	1
cg02408356	ZNF530	0.897624	0.997563	0.997404	-1.54093	0.763101	1.01348	1.01348	0.484423	0.88442	-1.13066	0.642614	0.932543	-1.08396	0.719822	0.939509	-1.06439		0.889624	1.02601	1.02601	0.543615	1.11258	1.11258	0.338212	1.23915	1.23915	0.669351	1.07636	1.07636	0.40316	0.18564	0.358136	1
cg07454192	TMEM70;TMEM70	0.897639	0.371607	0.836184	1.15591	0.944806	0.962076	-1.03942	0.755588	0.96279	1.06279	0.583097	0.897536	-1.11416	0.186876	0.761207	-1.3137		0.960676	1.00966	1.00966	0.63171	0.910118	-1.09876	0.880205	0.973017	-1.02985	0.440875	0.867636	-1.15256	0.408915	0.246315	0.535434	1
cg13615650	MP2L3	0.897659	?	?	?	0.480097	1.7386	1.7386	?	?	?	0.962152	1.03796	1.03796	0.413804	1.93125	1.93125		0.475791	1.76968	1.76968	0.688848	1.37203	1.37203	0.284379	2.40676	2.40676	0.697586	1.35911	1.35911	0.363042	2.69892	7.43418	1
cg24060874	INPP5A	0.897662	0.499788	1.88028	1.88028	0.733887	0.42033	1.44859	0.248103	0.830522	1.21844	1.21844	0.919466	0.907092	-1.0977	0.539904	1.77169		0.244728	3.07001	3.07001	0.326786	2.54257	2.54257	0.679509	1.46846	1.46846	0.601062	1.62629	1.62629	0.408877	5.5002	11.9616	1
cg08327106	RALYL;RALYL;RALYL	0.897709	0.155106	0.556507	-1.79692	0.725934	0.873233	-1.14518	0.669928	0.847756	-1.17958	0.759649	1.12547	1.12547	0.836451	1.08288	1.08288		0.404866	0.720153	-1.38859	0.795031	0.905455	-1.05213	0.909253	1.0449	1.0449	0.708298	0.960662	2.08886	1
cg10829134	ZFAND6	0.897721	0.719783	0.935104	-1.07999	0.86155	0.963398	-1.03799	0.884342	0.94004	1.06004	0.380526	1.25755	1.25755	0.697611	0.88698	1.08698		0.287657	0.789923	-1.26595	0.700444	0.928741	-1.09027	0.759631	1.09288	1.09288	0.590727	0.972288	-1.00027	0.75963	1.06275	1.06275	0.408778	0.295415	0.643279	1
cg16092346	KIAA1530	0.897725	0.52535	1.54287	1.54287	0.875098	0.899435	-1.11181	0.732625	0.939692	-1.06393	0.725993	0.939692	-1.06393	-1.25993	0.750159	0.806335	0.79442	0.278	0.827218	-1.20838	0.733638	0.79442	0.278	0.181848	0.5983	2.5983	0.76919	1.21928	1.21928	0.725599	0.788649	1.26799	0.720555	0.785036	-1.27383	0.408769	0.93914	6.39131	1
cg16381253	LMF1	0.897746	0.978707	1.00767	1.00767	0.358245	0.763038	-1.31055	0.950996	0.98256	-1.01775	0.662504	1.13045	1.13045	0.886498	0.959939	-1.04173		0.2473	0.70731	-1.41381	0.855645	0.949205	-1.05351	0.476635	1.23019	1.23019	0.808802	1.07186	1.07186	0.408735	0.530491	1.15367	1
cg09323467	FAM161A	0.897749	0.997027	1.00314	-1.00313	0.59004	0.829029	-1.20623	0.280535	1.47639	1.47639	0.712121	1.13262	1.13262	0.80234	1.09109	1.09109		0.442413	1.13807	1.13807	0.297663	1.45536	1.45536	0.933564	1.07384	-1.02681	0.948731	0.782012	1.70072	1
cg24580185	WDSUB1;WDSUB1;WDSUB1	0.897766	0.966849	1.01359	1.01359	0.888486	1.04661	1.04661	0.798804	1.08647	1.08647	0.981642	1.0075	1.0075	0.617715	1.17749	1.17749		0.853909	1.06168	1.06168	0.67803	0.875225	-1.14518	0.149731	0.605632	-1.65117	0.602706	0.843226	-1.18592	0.408703	0.682485	1.48434	1
cg15043283	FAM127A	0.897777	0.509804	0.20814	-4.3325	0.846605	0.653278	-1.52607	0.968345	1.08983	1.08983	0.279997	1.02378	1.02378	0.920635	0.940479	-1.24289		0.468904	0.198442	-5.03927	0.785718	1.81307	1.81307	?	?	?	0.904571	1.29912	1.29912	0.378564	24.1557	47.8566	1
cg25548243	DEM1;DEM1	0.897775	?	?	?	0.108918	1.64844	1.64844	0.746176	1.53103	1.53103	0.998182	1.00299	1.00299	0.292508	1.35028	1.35028	0.304977	1.29764	0.449663	0.514634	2.21418	?	?	?	0.430174	2.883	2.883	0.809646	0.846722	1.18303	0.362846	7.51787	20.7192	1
cg05786569	HIBADH;HIBADH	0.897782	0.784337	1.3297	1.3297	0.316731	0.341246	-2.93044	0.903147	0.881214	-1.1348	0.196582	0.24213	-4.13001	0.948658	1.06918	1.06918		0.983877	0.979229	-1.02121	0.503886	0.494325	-2.02296	0.963937	0.95412	-1.04809	0.852247	1.2137	1.2137	0.408676	0.9839	15.1903	1
cg05789637	LDLRAD2	0.897784	0.731209	1.19765	1.19765	0.563667	0.7196	-1.2984	0.345957	0.646445	-1.54692	0.801203	1.12008	1.12008	0.932453	1.04108	1.04108		0.434258	1.41136	1.41136	0.673906	1.20953	1.20953	0.905911	0.943328	-1.18578	0.406099	0.682474	1.46526	0.408664	1.30765	2.84428	1
cg05474467	BTBD9;BTBD9	0.897809	0.878063	1.03471	1.03471	0.949961	0.986147	-1.01405	0.671569	1.09043	1.09043	0.648379	0.902985	-1.10744	0.210715	1.34062	1.34062		0.508546	0.861507	-1.16076	0.744344	0.929849	-1.07544	0.547657	1.14481	1.14481	0.727673	1.0808	1.0808	0.408631	0.31974	0.695526	1
cg23367358	FHL2	0.897825	0.691022	0.82757	-1.20943	0.870906	0.978146	-1.02153	0.736478	0.944405	1.05744	0.166222	0.954429	1.04829	0.857472	1.16622	1.16622	0.994429	0.353707	0.726594	-1.37604	0.442405	0.665549	1.50222	1.50222	0.359149	0.724254	1.38103	0.362846	0.737185	2.95415	11.1172	1
cg13340899	ITIH5;ITIH5	0.897875	0.814525	0.936864	-1.06739	0.444697	0.805552	-1.24138	0.488175	1.21585	1.21585	0.388233	1.27815	1.27815	0.874181	1.04496	1.04496		0.683845	1.12033	1.12033	0.636855	1.14108	1.14108	0.388767	1.7826	1.7826	0.407738	1.27779	0.940294	1.02101	1.02101	0.40852	0.4983	1.08424	1
cg23281369	SEC63P2	0.897911	0.992607	0.997939	-1.00207	0.383537	1.22128	1.22128	0.588385	0.885418	-1.12941	0.532594	0.868679	-1.15117	0.485729	1.1709	1.1709		0.544756	0.872385	-1.14628	0.619278	0.900194	-1.11087	0.515147	1.02402	1.02402	0.489087	1.16943	1.16943	0.408461	0.320913	0.698367	1
cg16734497	STIP1;STIP1	0.897928	0.266446	1.73233	1.73233	0.454205	0.689138	-1.45073	0.992002	1.00499	1.00499	0.781792	1.14953	1.14953	0.662299	1.08288	1.08288	1.45618	0.687572	1.66258	1.66258	0.122515	1.55508	1.94955	1.94955	0.360209	1.80832	1.24871	0.934066	1.04243	1.40433	1.63143	3.55056	1
cg19166626	DNAIC1	0.897958	0.789222	1.09903	1.09903	0.452082	0.76339	-1.30995	0.63545	0.852766	-1.17266	0.632303	1.18518	1.18518	0.601593	1.204	1.204		0.979213	0.99086	-1.00922	0.260562	0.661299	-1.51218	0.577893	1.2191	1.2191	0.826544	1.08041	1.08041	0.408382	0.80331	1.74849	1
cg17200999	SYNPO2;SYNPO2;SYNPO2	0.897965	0.456353	0.671969	-1.48573	0.87042	0.88899	-1.08899	0.640258	0.83508	-1.19754	0.834851	0.93554	1.07408	0.810954	0.893358	-1.11972	0.597192	0.360324	0.611995	-1.634	0.680358	0.809098	-1.23608	0.810338	0.587203	-1.70299	0.729201	0.91886	-1.08836	0.408437	1.76324	0.83801	1
cg03600512	ASAP2;ASAP2	0.897977	0.919663	1.06144	1.06144	0.55067	1.43076	1.43076	0.573752	0.940155	1.06059	0.583097	1.31044	1.31044	0.400205	1.36628	1.36628		0.361668	1.74119	1.74119	0.344945	2.53134	2.53134	0.7831	1.17788	1.17788	0.425984	0.852052	1.12309	1.12309	0.40835	2.27639	4.95521	1
cg09517077	FOXO1;FOXO1	0.897998	0.2572	0.753857	-1.32651	0.705826	1.09484	1.09484	0.586653	1.14017	1.14017	0.908743	0.972973	-1.02778	0.769223	1.07283	1.07283		0.397567	0.813036	-1.22996	0.594793	0.879608	-1.13687	0.543484	0.863344	-1.15829	0.846261	0.954676	-1.04748	0.408316	0.369228	0.803796	1
cg14012230	DUSP16	0.898	0.9869601	1.01398	1.01398	0.672126	1.161	1.161	0.799441	1.08287	1.08287	0.962632	0.985816	-1.01439	0.842351	1.09689	1.09689		0.402755	1.28834	1.28834	0.463405	1.06409	1.06409	0.745101	0.926121	1.03883	0.735173	1.4396	1.4396	0.408511	0.60121	1.30883	1
cg22574818	MAGEH1;MAGEH1	0.898	0.381899	0.188259	-5.31184	0.834092	0.49063	1.49063	0.73835	0.528322	-1.89278	0.234908	0.10589	10.1589	0.962274	0.915689	1.09207		0.669098	0.46661	-2.23909	0.52895	0.30496	-3.27981	0.86384	0.726425	-1.3766	0.808099	0.635642	-1.57321	0.408311	0.224238	0.481614	1
cg00848728	DAB1;DAB1	0.898026	0.792546	0.90811	-1.10124	0.940556	0.981464	-1.01856	0.744964	0.97455	-1.02611	0.738181	1.29596	1.29596	0.814861	1.09596	1.09596		0.397851	0.933257	-1.07152	0.802754	1.04098	1.04098	0.408268	0.210375	0.474562	1
cg00106071	LMNA;LMNA;LMNA	0.898026	0.242156	0.521667	-1.91693	0.456052	1.49711	1.49711	0.68227	1.24458	1.24458	0.862909	1.09149	1.09149	0.554991	0.728043	1.37354		0.77257	1.16654	1.16654	0.763587	1.17392	1.17392	0.64001	1.28453	1.28453	0.718679	1.21202	1.21202	0.408268	1.82713	3.97807	1
cg17421506	SPTY2D1	0.898038	0.810014	0.93161	1.03169	0.964169	0.994231	-1.0058	0.752791	1.04177	1.04177	0.811695	1.03139	1.03139	0.274394	1.24744	1.24744	0.863037	-1.1587	0.584207	1.24781	0.128338	1.15331	1.02935	0.987714	-1.01244	0.742132	0.958137	-1.04369	0.408249	0.108461	0.236156	1
cg17836316	HEATR2	0.898044	0.405482	1.36687	1.36687	0.73225	0.760353	1.00053	0.896407	0.9715	1.0715	0.834443	0.89492	1.31742	0.888982	1.07095	1.32425		0.76992	1.16833	1.16833	0.697213	0.933738	1.08709	1.08709	0.925298	-1.08073	0.325183	0.583178	1.71415	0.408218	0.81935	3.96142	1
cg14730223	MAST3	0.898044	0.292255	2.62326	2.62326	0.914482	0.909547	-1.09945	0.541381	0.579457	-1.72575	0.783235	1.27557	1.27557	0.315931	0.400462	-2.49712		0.801365	1.24918	1.24918	0.826892	0.824231	-1.21325	0.641623	1.5124	1.5124	0.848346	1.8445	-1.18408	0.408238	5.03654	10.9665	1
cg16388102	KLF10	0.898061	0.638741	0.934453	-1.08575	0.659072	1.07739	1.07739	0.644292	1.08142	1.08142	0.914004	0.986448	-1.01394	0.424407	1.18486	1.18486		0.816923	1.03981	1.03981	0.816924	0.961709	-1.03982	0.819703	0.70826	-1.41153	0.622906	0.198103	2.57156	0.408236	0.183256	0.309679	1
cg15340582	ANKHD1;ANKHD1-EIF4EBP3;ANKHD1;ANKHD1	0.898080	0.306404	2.40978	2.40978	0.837014	1.1866	1.1866	0.716399	1.35404	1.35404	0.802239	1.19523	1.19523	0.501241	1.76293	1.76293		0.19305	3.19366	3.19366	0.650918	1.45987	1.45987	0.37075	0.741699	-1.34826	0.864267	1.15271	1.15271	0.408163	4.45972	9.71228	1
cg04563438	PLA1T;PLA1T	0.898083	0.696348	0.881903	-1.24703	0.406211	0.619827	-1.61335	0.802323	0.986143	-1.01405	0.29265	0.540882	1.85003	0.352335	1.583502	-1.71379		0.578426	0.729073	-1.3716	0.374093	0.598351	-1.67126	0.355295	0.882315	-1.7079	0.806231	0.870803	-1.14857	0.408152	2.0481	4.46088	1
cg09712195	CUX1;CUX1;CUX1	0.898157	0.911015	0.971427	-1.02941	0.379996	1.26304	1.26304	0.606658	1.12137	1.12137	0.37538	1.26606	1.26606	0.607632	0.892753	-1.12013		0.665989	0.893496	-1.1192	0.740076	0.91729	-1.09017	0.789537	0.932982	-1.07183	0.413867	0.805249	-1.24185	0.40805	0.434548	0.946611	1
cg25016650	LATS2	0.898226	0.725496	0.91811	1.08911	0.914264	0.984616	1.01466	0.744565	1.14142	1.14142	0.684633	1.0818	1.0818	0.314952	1.36956	1.36956		0.897068	0.999702	-1.00031	0.914945	1.00157	1.00157	0.309949	0.816617	-1.22456	0.514709	0.882657	1.13329	1.13329	0.408268	0.137975	0.294762	1
cg09704750	JAM2	0.898229	0.415397	0.639639	-1.56338	0.31957	0.575725	-1.73694	0.752627	0.843899	-1.18498	0.437259	0.653528	-1.53016	0.549732	0.722618	-1.38386		0.610586	0.759058	-1.31742	0.216472	0.497509	-2.01001	0.629318	0.770222	-1.29833	0.510755	0.69002	-1.43057	0.407929	1.86155	4.05638	1
cg14425609	JAK1	0.898259	0.863804	0.91985	-1.09069	0.311482	0.81	1.4098	0.573251	1.33329	1.33329	0.499956	1.41372	0.674169	0.601944	2.12404			0.807842	0.840484	1.1111	0.629966	0.776635	1.63618	0.554759	1.32183	1.32183	0.391372	1.40076	3.55912	1
cg21540399	PTPN6	0.898291	0.589326	1.14211	1.42351	0.62216	0.01943	2.01943	0.898397	1.08622	1.08622	0.852637	1.12794	1.12794	0.247265	2.18857	2.18857		0.3257	1.92897	1.92897	0.170141	1.98504	1.98504	0.408161	0.270771	0.65318	1
cg05345158	JPH3	0.898275	0.603887	1.26478	1.26478	0.273346	0.599532	-1.66797	0.997393	0.998535	-1.00147	0.68834	1.19836	1.19836	0.925981	1.04258	1.04258		0.746483	0.864526	-1.1567	0.611728	1.25744	1.25744	0.427188	1.43884	1.43884	0.563855	0.769625	-1.29933	0.407852	1.30102	2.8355	1
cg06799788	NCRNA00219;SNORA13	0.898285	0.713564	0.867804	1.15292	0.843352	0.71099	1.24909	0.764526	1.07458	1.07458	0.864975	1.07288	1.07288	0.930317	1.02841	1.02841		0.676621	1.04091	1.04091	0.907318	1.10703	1.10703	0.858897	1.00725	1.01715	0.969694	0.996375	-1.00364	0.407851	0.090025	0.126634	1
cg03314468	RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6;RAPGEF6	0.898282	0.744145	1.15765	1.15765	0.405362	1.46474	1.46474	0.956116	1.02488	1.02489	0.256497	1.70343	1.70343	0.164618	0.813464	2.12931		0.623272	0.808376	1.24863	0.707377	0.844851	1.18364	0.655085	1.22372	1.22372	0.850994	0.919086	1.08004	1.08004	0.240252	1.24425	2.40702	1
cg22112435	POMGNT1;POMGNT1	0.898323	0.216846	0.635212	-1.57428	0.758412	1.11375	1.11375	0.695483	1.14726	1.14726	0.550253	1.23501	1.23501	0.447106	1.31076	1.31076		0.746066	1.12016	1.12016	0.698403	1.14566	1.14566	0.749938	1.11814	1.11814	0.769213	1.10821	1.10821	0.407771	0.787628	1.71603	1
cg27522270	MED14	0.898337	0.422424	1.66079	1.66079	0.919887	0.93962	-1.06426	0.961769	0.970008	-1.03092	0.438435	0.613072	-1.63113	0.868036	1.10843	1.10843		0.758645	1.21021	1.21021	?	?	?	0.743389	0.815979	-1.22552	0.298047	1.94996	1.94996	0.389001	2.09883	5.33544	1
cg09820183	C1orf58;AKD1A;C1orf58	0.898349	0.99649	1.00073	1.00073	0.864674	1.32574	1.32574	0.765265	1.04153	1.04153	0.309196	1.32045	1.32045	0.372719	0.767383	1.30425		0.793144	0.926023	-1.07964	0.203536	0.678725	-1.47335	0.882632	0.95824	-1.04358	0.868874	1.05196	1.05196	0.408258	0.154283	1.17782	1
cg02400009	MTHFD1L	0.898349	0.814836	1.08797	1.08797	0.731247	0.883459	-1.13191	0.800374	1.09534	1.09534	0.360776	1.40165	1.40165	0.659636	0.852753	-1.17267		0.926654	0.9657	-1.03552	0.380246	1.38192	1.38192	0.291661	1.48376	1.48376	0.806474	0.915568	-1.09222	0.407727	0.834071	1.81837	1
cg20606279	ANKRD13A	0.898365	0.505913	0.888915	-1.12497	0.729012	0.941328	-1.06233	0.527353	1.24744	1.24744	0.924082	0.989341	-1.01632	0.665029	0.928616	-1.07696		0.647013	0.922714	-1.08376	0.504478	0.908241	-1.1247	0.644888	1.03449	1.03449	0.744398	1.05935	1.05935	0.408269	0.196527	0.424848	1
cg13117684	FL23810	0.898383	0.716587	1.17834	1.17834	0.719649	0.85024	-1.17614	0.706497	1.18564	1.18564	0.779945	1.13437	1.13437	0.903233	0.945109	1.05808		0.680687	1.20473	1.20473	0.166081	1.94403	1.94403	0.400515	1.47308	1.47308	0.842758	0.914481	1.09352	0.407671	1.30817	2.85234	1
cg23072029	CCDC104	0.898395	0.666184	0.880034	-1.13632	0.516413	1.21376	1.21376	0.313598	0.735739	-1.35918	0.613436	0.860713	-1.16183	0.982859	1.00615	1.00615		0.507031	1.21921	1.21921	0.978251	0.992005	-1.00806	0.489012	1.22993	1.22993	0.656813	1.14074	1.14074	0.407651	0.55976	1.22057	1
cg03566960	SSR3	0.898442	0.936492	1.03232	1.03232	0.849615	0.981114	-1.02029	0.515721	0.917368	-1.09008	0.525658	0.924126	-1.08187	0.436561	0.944901	-1.05864		0.631006	1.07284	1.07284	0.825651	0.944601	1.12356	1.12356	0.562779	0.918508	-1.08872	0.408269	0.162504	0.257135	1
cg04576630	ERI2;LOC81691;LOC81691;ERI2	0.898425	0.538852	1.10538	1.10538	0.810099	0.961979	-1.03952	0.999184	1.00016	1.00016	0.64066	1.07863	1.07863	0.587506	0.915587	1.0922		0.444101	0.881944	-1.13386	0.752487	1.05226	1.05226	0.513157	1.11269	1.11269	0.306124	1.18603	1.18603	0.40876	0.167368	0.364994	1
cg07220496	ATP10B	0.898435	0.343873	0.55358	-1.80685	0.49238	0.941441	-1.06056	0.824307	1.12594	1.12594	0.630708	1.24645	1.24645	0.923235	0.957448	-1.04409		0.684297	1.0887	1.0887	0.752488	1.16447	1.16447	0.399714	1.01961	0.557313	0.764787	0.655144	-1.52617	0.407654	1.30756	2.85439	1
cg20670085	ZNF491	0.898468	0.578707	0.759803	-1.31613	0.439012	0.679401	-1.47188	0.31634	0.602101	-1.66085	0.854715	0.914148	-1.09391	0.503822	0.717325	1.39407		0.200829	0.515991	-1.93802	0.54128	0.738707	-1.35372	0.531218	0.732994	-1.36427	0.748564	0.854281	1.17058	0.407528	1.54799	3.37644	1
cg02127790	AHSA2	0.898469	0.702348	1.28741	1.28741	0.994421	1.00661	1.00661	0.486577	1.59223	1.59223	0.817005	1.16475	1.16475	0.775357	0.828403	-1.20714		0.231439	0.437863	-2.28182	0.652827	0.743707	-1.34707	0.4332	0.590837	-1.69251	0.805988	0.85052	-1.17575	0.407527	2.79414	6.09452	1
cg18143488	NDUFB3;FAM126B;FAM126B	0.898473	0.458862	0.54504	-1.83511	0.464647	1.77215	1.77215	0.763823	1.1925	1.1925	0.746603	1.29492	1.29492	0.784102	1.07433	-1.24765		0.688231	0.79792	-1.25353	0.714636	0.844202	1.18486	1.18486	0.742892	1.32336	1.32336	0.623117	1.49605	1.49605	0.40752	0.249323	0.92206	1
cg04134803	RBM22;RBM22	0.898481	0.71631	1.13387	1.13387	0.879509	1.05361	1.05361	0.850897	1.06692	1.06692	0.673143	0.864935	-1.15616	0.528363	1.24596	1.24596		0.466344	1.2907	1.2907	0.86994	0.94515	-1.05803	0.721016	1.13138	1.13138	0.160768	1.67485	1.67485	0.407504	0.764844	1.66836	1
cg08962184	DDAH2	0.898485	0.262249	2.03966	2.03966	0.831664	0.94323	-1.06357	0.882017	1.2864	1.2864	0.555089	1.43796	1.43796	0.367174	1.77727	1.77727		0.789121	1.22552	1.22552	0.515089	1.50111	1.50111	0.467406	1.37254	1.37254	0.324666	1.99031	1.99031	0.407476	2.8949	6.21256	1
cg05386977	SDK1;SDK1	0.898529	0.832005	1.17408	1.17408	0.136671	1.35784	1.35784	0.647845	1.44541	1.44541	0.701051	1.38832	1.38832	0.733743	0.775435	-1.24954		0.541995	1.59

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	Ratio(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg01496648	CENP7,NUTF2	0.899551	0.780342	1.1186	0.822668	0.913942	-1.09416	0.282058	1.56541	1.56541	0.70843	1.16253	0.940552	0.974053	0.102569	0.844603	0.104343	-1.08185	0.33322	0.670222	-1.49204	0.457477	1.35437	0.833002	1.08833	1.08833	0.40571	1.01268	2.26254	1
cg23748035	PEBP1	0.899552	0.265213	2.41017	2.41017	0.585454	1.52475	1.52475	0.719619	1.31403	1.31403	0.35853	2.04483	2.04483	0.648508	1.42261	1.42261	0.321689	2.17202	2.17202	0.815196	0.837458	-1.19409	0.82695	0.84715	-1.18043	0.888517	1.11212	1.11212	0.40571	3.68829	8.08084	1
cg12930124	DMH	0.899556	0.873993	1.09642	1.09642	0.977986	1.01613	1.01613	0.240921	0.490647	-2.03812	0.615361	0.745409	-1.34155	0.532001	0.692708	-1.44361	0.85414	0.898763	-1.11264	0.282749	0.523429	-1.91048	0.483536	0.661679	-1.51131	0.885387	1.08725	1.08725	0.405703	2.16144	4.73569	1
cg14457311	NA1G,CACNA1G,CACNA1G;CACNA1G;CACNA1G	0.899568	0.421637	0.462272	-2.16323	0.761898	1.33061	1.33061	0.687496	0.683796	-1.46242	0.591038	0.600577	-1.66506	0.671769	0.66991	-1.49274	0.915514	1.10489	1.10489	0.669624	0.668026	-1.49695	0.160028	0.2439	-4.10003	0.997852	0.997484	-1.00252	0.405682	5.67668	12.4382	1
cg01068808	GLT25D2	0.899586	0.582146	0.77877	-1.28408	0.670857	1.21207	1.21207	0.785487	0.884487	-1.1306	0.288682	1.64143	1.64143	0.994225	1.00326	1.00326	0.395157	1.47967	1.47967	0.47285	1.38317	1.38317	0.639046	0.808452	-1.23683	0.873817	1.07413	1.07413	0.405553	1.30055	2.84984	1
cg01613306	ACSL6;ACSL6	0.899587	0.693238	0.765195	-1.30656	0.913889	1.07575	1.07575	0.602952	1.3072	1.3072	0.867089	0.893406	0.968626	1.08072	0.854411	1.08072	0.985845	1.03152	1.03152	0.90354	1.08385	1.08385	0.923758	2.01971	2.51971	0.406533	2.92736	6.4149	1
cg07891483	TRIM26	0.899613	0.81324	0.813071	-1.22991	0.81109	0.811092	-1.23291	0.55643	0.594437	-1.68226	0.775396	1.2842	1.2842	0.530552	1.74283	1.74283	0.711718	0.722843	-1.38343	0.952138	1.05389	1.05389	0.178495	3.48996	3.48996	0.901535	1.1143	1.1143	0.405607	4.91143	10.7634	1
cg03305587	CLPTM1	0.899662	0.789817	0.780226	-1.28154	0.975188	1.07129	-1.07256	0.588029	1.03595	1.03595	0.222747	0.958071	0.958071	0.866822	1.07641	1.07641	0.893844	0.902247	1.10841	0.33933	2.945693	2.945693	0.33933	0.806001	1.64473	0.47616	0.829595	1.8936	0.405595	4.98891	10.9335	1
cg01795697	CCDC45;DDX5	0.899662	0.443664	1.1726	1.1726	0.594924	0.89362	-1.11562	0.823917	1.04648	1.04648	0.441334	1.09948	1.09948	0.497429	0.770647	1.00322	0.803108	1.05225	1.05225	0.364665	1.20713	1.20713	0.941086	1.01518	1.01518	0.219858	1.30085	1.30085	0.405594	0.267003	0.585156	1
cg19131011	FNBP1	0.899622	0.790479	0.82855	-1.20503	0.892096	0.908358	-1.10061	0.960828	0.972243	-1.02855	0.799518	1.99691	1.99691	0.286733	0.457792	2.1944	0.853504	0.867508	-1.15296	0.779454	0.830138	-1.21931	0.300934	2.43382	2.43382	0.900254	1.09261	1.09261	0.405592	3.20452	7.02297	1
cg17920246	FBXO4A	0.899642	0.370502	0.531271	-1.88228	0.456079	0.593285	-1.68553	0.915243	0.929396	-1.07597	0.890731	0.909825	-1.09911	0.296681	0.475127	2.1047	0.70868	0.772489	-1.29452	0.484222	0.613283	-1.63057	0.287918	0.46821	-2.13579	0.889523	1.10031	1.10031	0.405558	3.03837	6.6594	1
cg13033722	PTK7;PTK7/PTK7;PTK7	0.899646	0.476251	0.730132	-1.36962	0.748182	1.15012	1.15012	0.561501	1.29036	1.29036	0.974303	1.01409	1.01409	0.413948	0.695574	-1.43766	0.309717	0.633524	-1.57847	0.518965	0.752838	-1.32831	0.873405	0.933102	-1.07169	0.739157	1.15616	1.15616	0.405551	1.22109	2.65446	1
cg11707722	LOC389333	0.899689	0.886409	0.921907	-1.08471	0.551641	0.709914	-1.40862	0.469401	0.657803	-1.51999	0.972475	0.980564	-1.01982	0.957973	0.899113	-1.1906	0.285143	1.88052	1.88052	0.359783	0.585305	-1.70851	0.932944	0.953254	-1.04904	0.652006	0.772399	-1.29467	0.405479	2.72082	4.55586	1
cg14785018	CHD2;CHD2	0.899690	0.998689	1.00045	1.00045	0.69823	0.89858	-1.11287	0.744824	0.914259	-1.09378	0.809165	0.935747	-1.06867	0.916949	1.02195	1.02195	0.338842	0.762916	-1.31076	0.150606	0.655162	-1.52634	0.84988	0.94932	-1.05339	0.861949	1.04893	1.04893	0.405478	0.483823	1.06064	1
cg22468786	CSD2;PCNA;PCNA	0.899693	0.60443	1.3013	1.3015	0.809543	0.845544	-1.1925	0.473137	0.669342	-1.49372	0.594508	1.31098	1.31098	0.669141	1.24127	1.24127	0.484955	0.69906	-1.43009	0.778741	1.15236	1.15236	0.92055	1.05149	1.05149	0.317623	0.593026	-1.68627	0.399661	1.56942	3.05423	1
cg17263061	KCNK3	0.899718	0.725588	1.15518	1.15518	0.67541	1.18937	1.18937	0.663784	1.19735	1.19735	0.60295	1.32402	1.32402	0.361474	0.751576	-1.05893	0.815598	1.10098	1.10098	0.26138	0.610493	-1.63802	0.69709	1.17479	1.17479	0.399092	1.42569	1.42569	0.40543	1.08891	2.1874	1
cg13906968	MVP;MVP;C16orf53	0.899725	0.939521	0.962483	-1.03898	0.725492	0.837232	-1.19441	0.90781	1.06012	1.06012	0.744786	0.848229	-1.17893	0.78011	0.868456	-1.15147	0.596852	0.764142	-1.30866	0.162793	2.11878	2.11878	0.866806	1.08827	1.08827	0.635821	0.786319	-1.27175	0.405419	1.63063	3.57519	1
cg14070867	BAT2	0.899729	0.434147	1.2196	1.2196	0.609603	1.12624	1.12624	0.63425	1.20285	1.20285	0.41309	1.2024	1.2024	0.622332	1.12943	1.12943	0.877354	1.05491	1.05491	0.880759	0.965944	-1.03526	0.812477	1.05639	1.05639	0.293306	0.777525	-1.28613	0.405412	0.342119	0.750114	1
cg16658346	SCAND1;SCAND1	0.899745	0.629549	1.21233	1.21233	0.717749	1.15465	1.15465	0.569857	1.25547	1.25547	0.457722	0.741135	-1.34928	0.621488	1.21794	1.21794	0.264261	1.58561	1.58561	0.561668	0.79258	-1.2617	0.924525	1.03825	1.03825	0.722546	1.15169	1.15169	0.405385	1.00756	2.20928	1
cg08501835	FMN2	0.899759	0.402793	2.38776	2.38776	0.913332	0.97104	-1.03123	0.9	0.9	0.691393	0.667323	-1.49853	0.587261	1.75828	1.75828	0.57628	0.672135	1.5078	1.5078	0.359054	0.383178	-2.60975	0.705664	0.68071	-1.46905	0.761686	0.734739	-1.36103	0.381487	5.20947	12.5711	1
cg20967889	KIAA0494	0.899771	0.737386	1.15028	1.15028	0.208677	0.29842	-1.35098	0.882877	0.875089	-1.14274	0.947337	1.06161	1.06161	0.538157	1.75976	1.75976	0.782396	1.07928	1.07928	-1.28489	0.426409	0.478386	-2.09036	0.891141	1.13195	1.13195	0.798092	0.792885	-1.26122	0.39954	5.07379	9.87707	1
cg24759599	OSBPL5;OSBPL5;OSBPL5	0.899782	0.73878	0.353434	-1.17174	0.521753	0.735277	-1.36003	0.961824	1.02093	1.02093	0.522352	0.735613	-1.35941	0.995865	0.997549	-1.00246	0.636529	1.25285	1.25285	0.909611	0.974638	-1.02635	0.443813	0.690926	-1.44733	0.190852	0.518958	-1.92694	0.405323	1.43966	3.15723	1
cg10793156	ZNF717;RAP77F6	0.899807	0.844344	0.959192	-1.04254	0.352073	1.22504	1.22504	0.731046	0.929476	-1.07587	0.558067	1.13377	1.13377	0.380046	1.21029	1.21029	0.698821	1.0859	1.0859	0.651176	0.908036	-1.10128	0.532688	0.874642	-1.14332	0.617939	1.11247	1.11247	0.40528	0.288358	0.633447	1
cg01973174	MEGF6	0.899809	0.556037	0.588759	-1.69849	0.312032	2.53549	2.53549	0.399483	2.154	2.154	0.873841	0.868376	-1.15184	0.812755	0.809694	-1.23503	0.939427	0.934625	-1.06995	0.595702	0.621022	-1.61025	0.766954	0.767673	-1.30264	0.506737	0.549218	-1.82007	0.405278	5.07985	11.1415	1
cg18498877	TMEM110	0.899816	0.513727	1.7195	1.7195	0.370858	2.16483	2.16483	0.633562	1.88532	1.88532	0.318576	2.31935	2.31935	0.62684	1.49382	1.49382	0.232304	2.7877	2.7877	0.945576	0.92455	1.08298	0.609625	1.15436	1.15436	0.452166	1.52422	1.52422	0.930576	0.931167	-1.07382	0.405266	4.29962	9.43054	1
cg26506940	ANKMY2	0.899841	0.395791	1.84166	1.84166	0.627827	1.40923	1.40923	0.91273	1.13201	1.13201	0.399221	1.83314	1.83314	0.630593	1.06158	1.06158	0.625174	1.59956	1.59956	0.681775	1.33578	1.33578	0.416481	-1.79166	0.671447	1.34932	1.34932	0.893204	1.08891	1.08891	0.405283	3.16462	6.94184	1
cg04794535	PLB1;PLB1	0.899862	0.686429	0.734446	-1.36157	0.282057	2.33993	2.33993	0.483278	1.71913	1.71913	0.466921	0.569513	-1.75589	0.462722	0.566384	-1.76559	0.938493	0.943001	-1.06044	0.915547	1.08401	1.08401	0.945258	0.940119	-1.05361	0.846935	0.863325	-1.15831	0.405188	3.71128	8.1417	1
cg20754430	PTPN23;PTPN23;PTPN23	0.899874	0.434147	1.2196	1.2196	0.609603	1.12624	1.12624	0.63425	1.88667	-1.18781	0.842321	1.3557	1.3557	0.42659	1.12943	1.12943	0.727963	1.27078	1.27078	0.782664	0.929321	1.07573	0.944106	1.27075	1.27075	0.843196	1.05369	1.05369	0.405116	0.447414	0.887273	1
cg07518170	KIF3B	0.899914	0.476235	0.867443	-1.15281	0.916508	0.979406	-1.02103	0.58609	1.11398	1.11398	0.57356	0.894364	-1.11811	0.620051	1.10309	1.10309	0.627431	0.98409	-1.10078	0.501721	0.874719	-1.14322	0.742168	1.06696	1.06696	0.366207	1.19991	1.19991	0.4051	0.347265	0.54256	1
cg18485596	SLC16A10	0.899935	0.368054	0.811158	-1.23279	0.960858	1.06201	-1.06201	0.4912	0.836258	0.836258	0.457973	0.676548	-1.30307	0.448804	0.902569	1.10777	0.459583	0.465689	0.642297	1.55809	0.515826	-1.93864	0.387305	0.348035	-2.87188	0.53256	0.609765	-1.64006	0.405423	0.548447	1.32701	1
cg12398261	PTPRN2;PTPRN2;PTPRN2	0.899921	0.637866	1.36655	1.36655	0.560554	1.47353	1.47353	0.527469	1.52457	1.52457	0.763229	1.22019	1.22019	0.399067	1.76594	1.76594	0.678179	1.13635	1.13635	0.232856	2.27969	2.27969	0.481934	1.60127	1.60127	0.611416	0.713556	1.40143	0.405089	2.78375	6.10839	1
cg09327804	SMOC2;SMOC2	0.899923	0.772278	1.15929	1.15929	0.848902	1.10203	1.10203	0.38882	0.637721	-1.56808	0.442494	0.671081	-1.49013	0.794338	1.14233	1.14233	0.766869	1.16351	1.16351	0.373584	1.5924	1.5924	0.469218	1.45509	1.45509	0.794945	0.875758	-1.14187	0.405085	1.66455	3.65256	1
cg00456011	AP1S2;AP1S2	0.899931	?	?	?	?	0.558928	-1.78914	0.961523	1.08039	1.08039	0.340409	0.518894	-1.92756	0.756739	1.14793	1.14793	0.416012	1.40962	1.40962	0.962526	1.0397	1.0397	-1.08793	0.451352	0.250145	-3.99768	0.911475	1.22081	1.22081	0.394883	16.1709	32.3519	1
cg06539717	VRK2;VRK2;VRK2;VRK2;VRK2;VRK2	0.899973	0.429157	0.386888	-2.58473	0.735409	1.49045	1.49045	0.952346	0.932099	-1.07285	0.45401	0.407636	-2.45317	0.543016	0.484614	-2.0635	0.316869	0.29599	-3.3785	0.276663	0.264139	-3.78589	0.88312	0.841067	-1.18897	0.933497	0.906471	-1.10318	0.405001	8.8795	19.4886	1
cg19790568	PRKJPX	0.899986	0.870586	1.03183	1.03183	0.86192	0.929707	-1.02522	0.857707	0.864161	-1.03717	0.819936	1.09914	1.09914	0.649722	0.786371	-1.27166	0.717257	0.98676	-1.0768	0.613366	0.901437	-1.10934	0.809822	0.880863	-1.08403	0.309289	1.23873	1.23873	0.404983	0.265527	0.5838	1
cg19373954	PR83;GNL1;PR83;GNL1	0.900005	0.387728	1.87229	1.87229	0.873994	0.893661	-1.11899	0.554749	1.53291	1.53291	0.742043	1.26316	1.26316	0.504752	1.52699	1.52699	0.654574	1.72685	1.72685	-1.37579	0.302082	0.468899	-2.13265	0.741954	0.791305	-1.26374	0.928301	1.06583	1.06583	0.404947	2.12856	7.06499	1
cg13559771	PLA2G4C;PLA2G4C;PLA2G4C	0.900006	0.827766	0.944836	-1.05838	0.448263	1.22295	1.22295	0.808488	0.93872	-1.06528	0.923723	0.975368	-1.02525	0.858041	0.954443	-1.04773	0.978378	1.00708	1.00708	0.293867	1.32783	1.32783	0.336039	0.772336	-1.29477	0.683211	0.89827	-1.11325	0.404946	0.434967	0.954788	1
cg08349027	SLC39A8;SLC39A8;SLC39A8;SLC39A8	0.900009	0.202478	0.763176	-1.5794	0.3618	0.929707	-1.02522	0.857707	0.864161	-1.03717	0.819936	1.09914	1.09914	0.649722	0.786371	-1.27166	0.717257	0.98676	-1.0768	0.613366	0.901437	-1.10934	0.809822	0.880863	-1.08403	0.309289	1.23873	1.23873	0.404983	0.265527	0.5838	1
cg27087423	PSMA1;PSMA1;PSMA1	0.900023	0.501714	1.11305	1.11305	0.890764	0.978647	-1.02182	0.541969	1.10183	1.10183	0.731284	0.947291	-1.05564	0.503521	1.10776	1.10776	0.654574	1.72685	1.72685	-1.37579	0.302082	0.468899	-2.13265	0.741954	0.791305	-1.26374	0.928301	1.06583	1.06583	0.404947	2.12856	7.06499	1
cg07554664	SMP03	0.900034	0.615003	0.82408	-1.21346	0.852073	1.08259	1.08259	0.641955	1.18209	1.18209	0.511103	0.968548	-1.03218	0.870264	1.04995	1.04995	0.602018	0.702564	1.4996	0.666701	0.980222	1.02048	0.960442	0.974607	-1.02664	0.966149	0.978653	1.02248	1.02248	0.405278	0.288358	0.633447	1
cg15976388	SYT6	0.900034	0.644622	0.820667	-1.21852	0.617997	1.23854	1.23854	0.557686	1.28699	1.28699	0.738507	0.867132	-1.15323	0.255666	0.60354	-1.65689	0.973481	1.01425	1.01425	0.413439	0.700621	-1.4273	0.805173	0.900179	-1.11089	0.729625	1.1591	1.1591	0.404898	1.16115	2.54912	1
cg26227957	KIAA0090	0.900044	0.915343	0.970677	-1.03021	0.650138	1.13633	1.13633	0.725443	0.906206	-1.10372	0.784662	0.926204	-1.07968	0.630142	1.14547	1.14547	0.312232	1.3231	1.3231	0.932491	0.976566	-1.024	0.606205	0.864555	-1.15666	0.298553	0.739697	-1.3519	0.404889	0.502337	1.10283	1
cg08317883	CUX2	0.900046	0.79196	1.1741	1.1741	0.705171	1.38789	1.38789	0.668587	1.18681	1.18681	0.465544	1.31119	1.31119	0.806468	1.03542	1.03542	0.719417	1.08498	1.08498	0.936584	1.03025	1.03025	1.03025	1.07806	1.07806	0.631854	0.830025	-1.20478	0.947632	1.02567	1.08479	0.955103	2.09687	1
cg00407820	LRP11	0.900062	0.27829	0.697988	-1.43269	0.436336	0.776261	-1.28823	0.560926	0.829016	-1.20625	0.415781	0.766998	-1.30378	0.706526	1.12822	1.12822	0.319811	0.929817	-1.07548	0.897992	1.04175	1.04175	0.760483	1.10243	1.10243	0.700957	1.13096	1.13096	0.404852	0.652213	1.43199	1
cg00094155	CNEH-CPT1B;CHKB;LOC100144603	0.900074	0.644859	0.849153	-1.17806	0.884245	0.994051	-1.00598	0.614973	1.28309	1.28309	0.501266	1.22786	1.22786	0.337584	1.5682	1.5682	0.842368	0.941541	-1.06224	0.338862	1.34703	1.34703	0.740805	1.00885	1.00885	0.51523	1.20894	1.20894	0.404863	0.585463	1.28551	1
cg12340651	EIF1A2	0.900099	0.873652	1.1858	1.1858	0.750358	1.15228	1.15228	0.344885	2.81111	2.81111	0.661026	1.604	1.604	0.554253	0.56298	-1.89761	0.509069	2.04881	2.04881	0.39863	2.52282	2.52282	0.805491	1.30238	1.30238	0.704149	1.5046	1.5046	0.404789	7.35124	16.1428	1
cg19180371	NRF1	0.900136	0.382416	2.60399	2.60399	0.727524	1.47465	1.47465	0.531086	2.01785	2.01785	0.442624	2.30774	2.30774	0.337259	0.433196	2.30774	0.926051	1.1082	1.1082	0.89320015	0.8604774	-1.16215	0.899358	0.903893	-1.29063	0.754013	1.14404	1.14404	0.404726	7.34679	17.2315	1
cg04999270	PRDM2;PRDM2;PRDM2;PRDM2	0.900152	0.7281	0.945586	-1.05755	0.930718	0.986157	-1.01404	0.744766	0.960621	-1.03497	0.904116	0.940667	-1.06308	0.406174	1.14955	1.14955	0.913153	1.1821	1.18201	0.487587	1.1197	1.1197	0.495246	0.894925	-1.11741	0.85503	1.02975	1.02975	0.4047	0.164721	0.361796	1
cg27634695	ANK2	0.900181	0.957832	0.989753	-1.01035	0.625662	0.908674	-1.1005	0.506193	0.876837	-1.14041	0.980681	0.995295	-1.00473	0.770447	1.05859	1.05859	0.513157	1.1379	1.1379	0.756077	0.941254	-1.06241	0.551066	1.12467	1.12467	0.245423	1.26701	1.26701	0.404651	0.243174	0.534176	1
cg01055281	NOD2	0.900228	0.913782	0.973934	-1.02675	0.524729	0.930908	-1.07403	0.541673	1.43351	1.43351	0.966971	1.02441	1.02441	0.955453	0.977406	1.02441	0.855993	1.09561	1.09561	0.943938	0.717143	-1.405	0.587281	0.726538	-1.37639	0.957725	1.03118	1.03118	0.404585	1.27193	2.73533	1
cg02592727	RDH13;RDH13;RDH13;RDH13	0.900238	0.302953	2.22562	2.22562	0.905228	1.09341	1.09341	0.475072	1.7239	1.7239	0.815961	0.839625	-1.19101	0.457924	0.567383	-1.76248	0.831765	0.852567	-1.17293	0.492238	0.592767	-1.687	0.687558	0.738509	-1.35408	0.780783	1.23266	1.23266	0.404555	3.60182	7.91392	1
cg02004594	GJB3;GJB3	0.900259	0.636193	1.31896	1.31896	0.728616	1.07635	1.07635	0.547261	1.44544	1.44544	0.664105	1.30242	1.30242	0.624989	1.11741	1.11741	0.45581	1.56666	1.56666	0.922851	1.12686	1.12686	0.870454	0.908268	0.580698	1.4014	1.4014	0.515892	1.86955	1.86955	0.8692221	1.10478	1.10478	0.405419	2.34292	5.44812	1
cg16903225	PDE1C	0.900327	0.279895	3.57382	3.57382	0.854882	0.979775	-1.02806	0.378885	2.25231	2.25231	0.799159	1.22694	1.22694	0.664884	0.814484	1.22694	0.658358	0.700684	-1.42718	0.549369	0.616575	-1.62186	0.318759	0.27875	0.27875	0.642311	0.45336	0.45336	0.404501	4.093	9.39435	1
cg07167098	RECQL;RECQL;GOLT1B	0.900275	0.280363	1.97849	1.97849	0.524033	0.675398	-1.48061	0.652049	1.3177	1.3177	0.994866	1.00392	1.00392	0.509667	1.50159	1.50159	?	?	?	0.630383	0.744766	-1.3427	0.659791	1.30898	1.30898	0.923665	1.05998	1.05998	0.385733	2.00609	5.22073	1
cg20353825	NBEAL1	0.900284	0.75244	1.3087	1.3087	0.710004	0.838825	-1.19237	0.752873	1.10024	1.10024	0.556313	1.2181	1.2181	0.79759	1.08895	1.08895	0.634521	1.15551	1.15551	0.842689	0.974674	-1.06194	0.42631	0.78231	0.78231	0.410564	0.823975	1.07054	1.07054	0.404679	0.586004	1.28781	1
cg26359174	UGGT1;UGGT1	0.900289	0.628965	1.14694	1.14694	0.202801	1.46222	1.46222	0.844891	0.94634	-1.0567	0.688111	1.12033	1.12033	0.476174	1.15232	1.15232	0.81255	1.06918	1.06918	0.754044	1.09253	1.09253	0.736011	1.09997	1.09997	0.239482	1.41459	1.41459	0.404669	0.507808	1.11619	1
cg22032789	PDGFRB	0.900297	0.755914	1.17243	1.17243	0.75269	0.907838	-1.10233	0.773753	1.06136	1.06136	0.339252	1.32566	1.32566	0.602396	0.8826	1.01771	0.739322	0.933339	-1.07142	0.820358	0.954099	-1.04811	0.222167	0.766685	-1.30432	0.741176	0.933818	-1.07087	0.404655	0.873371	0.6008	1
cg02637302	MRPL12	0.900342	0.335917	0.201085	-4.97302	0.819286	0.691912	-1.44527	0.403508	0.251503	-3.9761	?	?	?	0.632142	2.17477	2.17477	?	?	?	0.88087	1.27293	1.27293	0.724967	1.76599	1.76599	0.923015	0.855596	-1.16828	0.358494	11.1919	31.2192	1
cg05349356	ATRN;ATRN	0.900358	0.981641	0.993642	-1.0064	0.431409	1.24931	1.24931	0.345812	1.30883	1.30883	0.711454	0.902134	-1.10848	0.572457	0.854585	-1.17016	0.899121	0.965454	-1.03578	0.74778	0.813752	-1.22921	0.505538	1.20595	1.20595	0.785597	1.07851	1.07851	0.404503	0.492079	1.08174	1
cg18704595	ADA	0.900362	0.342498	2.03004	2.03004	0.729453	1.24931	1.24931	0.345812	1.30883	1.30883	0.711454	0.933353	-1.07187	0.572457	0.854585	-1.17016	0.938363	1.05051	1.05051	0.943938	0.717143	-1.405	0.587281	0.726538	-1.37639	0.957725	1.03118	1.03118	0.404585	1.27193	2.73533	1
cg04112012	UBE2J;UBE2J;UBE2J;UBE2J	0.900393	0.748325	1.28162	1.28162	0.648326	1.42466	1.42466	0.455384	1.79682	1.79682	0.684039	0.729523	-1.37076	0.262095	2.46284	2.46284	0.61846	1.47255	1.47255	?	?	?	0.645854	1.42852	1.42852	0.411172	1.9112	1.9112	0.385533	3.22444	8.36359	1
cg09097345	SGSM1;SGSM1;SGSM1;SGSM1	0.900398	0.653173	1.74887	1.74887	0.549446	1.41364	1.41364	0.711567	1.5894	1.5894	0.637612	0.55631	-1.79756	?	?	?	0.45581	1.56666	1.56666	0.922851	1.12686	1.12686	0.870454	0.908268	0.580698	1.4014	1.4014	0.515892	1.86955	1.86955	0.8692221	1.10478	1.10478	0.405419	2.34292	5.44812	1
cg04930461	SLC38A10;SLC38A10	0.900399	0.961057	0.96547	-1.03576	0.479438	1.68692	1.68692	0.816061	1.18257	1.18257	0.799383	1.20115	1.20115	0.194508	0.372424	-2.68511	0.790389	1.21134	1.21134	0.526374	0.63002

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047)	p-value(1057 vs. N)	Fold-Change(1 vs.057)	p-value(1117 vs. N)	Fold-Change(1 vs.117)	p-value(1127 vs. N)	Fold-Change(1 vs.127)	p-value(1217 vs. N)	Fold-Change(1 vs.217)	p-value(3477 vs. N)	p-value(3477 vs. 047)	Fold-Change(3 vs.47)	p-value(3537 vs. N)	Fold-Change(3 vs.537)	p-value(5377 vs. N)	Fold-Change(5 vs.537)	p-value(5637 vs. N)	Fold-Change(5 vs.637)	F(Error)
cg11702150	MRE11A;MRE11A;ANKRD49;ANKRD49	0.901099	0.773945	1.20343	1.20343	0.672035	-1.48802	0.830564	0.87128	-1.14774	0.19562	2.4111	2.4111	0.535523	1.49702	1.49702	0.799914	0.840324	-1.17741	0.625335	1.37225	1.37225	0.79115	1.1861	1.1861	0.790459	0.842613	-1.18678	0.403102	2.63982	5.82113	1
cg05428781	CNOT8	0.901133	0.704682	1.08454	1.08454	0.352546	1.22617	1.22617	0.533535	0.87424	-1.14385	0.830897	1.04663	1.04663	0.861909	1.0378	1.0378		0.649813	1.10232	1.10232	0.579149	0.887447	-1.12683	0.954139	0.987817	-1.01233	0.283814	1.26785	1.26785	0.403044	0.289966	0.639501	1
cg00026412	ANK3	0.901169	0.307035	0.451866	-2.21304	0.815344	0.838835	-1.19217	0.769303	1.24723	1.24723	0.774777	0.806131	-1.24049	0.900105	0.909973	-1.09893		0.336707	0.47522	-2.10403	0.334602	0.47353	-2.1118	0.708484	0.754163	-1.32597	0.650967	1.40795	0.402984	3.60168	7.34448	1
cg10833620	UBA2	0.901182	?	?	?	0.688045	1.45079	1.45079	0.794707	0.78695	-1.27073	?	?	0.743502	1.35273	1.35273	0.662436	1.49993	1.49993	0.489159	1.92592	1.92592	?	?	?	0.358785	2.44088	2.44088	0.312349	2.41238	5.1489	1
cg02829456	CFLAR;CFLAR;CFLAR	0.901195	0.429716	0.744679	-1.34286	0.396324	1.37413	1.37413	0.784768	1.105	1.105	0.549097	1.24783	1.24783	0.591975	0.820755	-1.21839		0.794731	0.909298	-1.09976	0.448869	0.753752	-1.3267	0.970401	0.986564	-1.01362	0.70831	1.14606	1.14606	0.397124	0.818363	1.60278	1
cg22225802	SLC26A6;SLC26A6;SLC26A6;SLC26A6	0.901204	0.231038	1.15538	1.15538	0.89003	0.985513	-1.0147	0.660056	1.0522	1.0522	0.81358	1.02753	1.02753	0.701878	0.956749	-1.04521		0.709706	1.04392	1.04392	0.308369	1.12886	1.12886	0.918314	1.01186	1.01186	0.456192	1.09116	1.09116	0.402925	0.084335	0.186051	1
cg25804018	KCNK9	0.901222	0.198389	1.36338	1.36338	0.493835	0.835041	-1.19755	0.799414	1.05974	1.05974	0.756842	1.03734	1.03734	0.739483	0.937714	-1.06642		0.759876	1.07534	1.07534	0.985263	1.00428	1.00428	0.526333	1.15767	1.15767	0.930855	0.980399	-1.01999	0.402897	0.331833	0.732105	1
cg20566885	UACA;UACA	0.901224	0.883068	0.923839	-1.08244	0.727014	1.20761	1.20761	0.508019	0.696663	-1.43541	0.514894	1.42682	1.42682	0.785291	0.863807	-1.15834		0.445123	1.50604	1.50604	0.434974	1.53534	1.53534	0.690878	1.24004	1.24004	0.429588	0.647908	-1.54343	0.4289	1.84865	4.07865	1
cg05626664	PLXNA2	0.90124	0.529067	0.713797	-1.40096	0.453065	1.49941	1.49941	0.403789	0.636544	-1.57098	0.581166	0.74482	-1.34261	0.855105	0.907875	-1.10147		0.919412	0.947899	-1.05496	0.653094	0.787244	-1.27025	0.776808	1.16215	1.16215	0.302911	0.568798	-1.75809	0.402864	1.78369	3.93557	1
cg22168121	KIF13A;KIF13A;KIF13A;KIF13A	0.90124	0.606604	1.1949	1.1949	0.736258	0.870983	-1.14805	0.728124	0.8917	-1.12145	0.812978	0.9917	-1.00855	0.740977	0.8006	-1.24939		0.96722	1.00842	1.00842	0.455186	1.01183	1.01183	0.443572	1.17279	1.17279	0.402864	0.265623	0.580077	1
cg08324846	HNRNPH1	0.901259	0.653631	0.937394	-1.06679	0.609891	1.07044	1.07044	0.492622	0.905068	-1.10489	0.9607	1.00708	1.00708	0.705885	0.962255	-1.03923		0.848697	1.02772	1.02772	0.933547	1.00116	1.00116	0.219178	1.20317	1.20317	0.569712	0.920155	-1.08571	0.402832	0.130713	0.288431	1
cg18476604	TBC1D10A	0.901271	0.455893	0.823151	-1.15817	0.637759	1.33154	1.33154	0.976429	0.982313	-1.01801	0.974867	1.0192	1.0192	0.626888	0.87995	-1.14616		0.693429	0.786097	1.2713	0.449384	0.904309	-1.07031	0.234489	0.947228	1.21212	0.402811	2.32553	5.13178	1
cg06449486	CDL23A1	0.901305	0.354328	0.879849	-1.13656	0.445699	0.718239	-1.39229	0.429882	0.7096	-1.40924	0.535624	0.765625	-1.30612	0.28007	0.619994	-1.61292		0.379886	0.681476	-1.4674	0.706505	1.17475	1.17475	0.855699	1.08058	1.08058	0.745866	0.870709	-1.14849	0.402753	1.15615	2.55166	1
cg06901369	NXN	0.90131	0.729124	1.16998	1.16998	0.498063	1.36427	1.36427	0.843938	1.09309	1.09309	0.848595	0.91731	-1.09014	0.25237	0.71589	-1.71589		0.48877	1.37381	1.37381	0.541704	0.756568	-1.32176	0.776118	1.13741	1.13741	0.427105	1.4422	1.4422	0.402744	1.30077	2.87091	1
cg24255201	DPP6;DPP6;DPP6	0.901316	0.830587	0.883736	-1.13156	0.606634	1.35048	1.35048	0.961565	1.06154	1.06154	0.827008	1.13458	1.13458	0.340285	0.573594	-1.74339		0.321878	0.55413	-1.80463	0.564294	1.39961	1.39961	0.579935	1.38059	1.38059	0.805383	1.15305	1.15305	0.402734	2.12265	4.68497	1
cg03563403	FANCG;FANCG	0.90133	0.976532	0.993905	-1.00613	0.357551	1.21731	1.21731	0.585807	0.891941	-1.12115	0.207362	0.758567	-1.31828	0.847481	0.960773	-1.04083		0.782426	0.944091	-1.05922	0.986247	1.00359	1.00359	0.963253	1.00962	1.00962	0.696306	0.921715	-1.08493	0.402711	0.275477	0.608051	1
cg24461337	ADCY10;ADCY10	0.901378	0.76947	1.09642	-1.07941	0.512523	1.18852	1.18852	0.565886	1.16288	1.16288	0.775665	0.9284	-1.07712	0.733602	0.915004	-1.09289		0.51408	1.18774	1.18774	0.365973	1.27345	1.27345	0.60316	0.872514	-1.14611	0.507295	0.899525	-1.19115	0.402631	0.431546	0.951843	1
cg12309957	TUBA4A;TUBA4B	0.90138	0.808884	1.28788	1.28788	0.707733	1.20278	1.20278	0.850748	0.965145	-1.11352	0.636641	1.26274	1.26274	0.948975	0.573594	-1.74339		0.971195	1.01786	1.01786	0.821447	0.932558	-1.07253	0.977973	0.977983	-1.02251	0.694755	0.824202	-1.21329	0.402626	1.53256	3.18347	1
cg19651184	SHROOM3	0.901429	0.500305	1.49466	1.49466	0.351944	1.75544	1.75544	0.534077	0.69078	-1.44764	0.818136	0.873451	-1.14488	0.628725	1.33138	1.33138		0.33565	1.79181	1.79181	0.913064	1.06626	1.06626	0.583837	1.38399	1.38399	0.782823	0.850172	-1.17623	0.402544	2.20007	4.85816	1
cg02097702	ICA1L;ICA1L	0.901441	0.4595	0.683752	-1.46253	0.606502	1.02374	1.02374	0.738423	0.804469	-1.24318	0.548449	1.5748	1.5748	0.703685	1.0851	1.0851	0.921482	0.335768	0.605909	-1.65042	0.819977	1.26908	1.26908	0.880929	0.931884	-1.07308	0.607957	1.29847	1.29847	0.402523	1.62437	3.58708	1
cg03146219	NADSYN1	0.901465	0.714081	1.21087	1.21087	0.364094	1.62412	1.62412	0.280517	0.791191	1.79191	0.791191	0.875761	0.921866	-1.08476	0.480435	1.44746	1.44746	0.464867	1.47222	1.47222	0.441505	1.50395	1.50395	0.743245	1.16036	1.16036	0.732816	0.836791	-1.19504	0.402483	1.72351	3.80639	1
cg00140775	MAD1L1;MAD1L1;MAD1L1	0.901475	0.937643	0.986419	-1.01377	0.52739	1.30346	1.30346	0.805424	0.993381	1.13695	0.687969	1.18186	1.18186	0.711836	0.857648	-1.16598		0.624929	0.786097	1.2713	0.491084	0.904309	-1.07031	0.234489	0.947228	1.21212	0.402811	2.32553	5.13178	1
cg21394039	ATP9B	0.901489	0.467078	0.528891	-1.89075	0.525301	1.74027	1.74027	0.678565	0.698575	-1.43148	0.770538	0.777445	-1.28626	0.173682	0.287679	3.4761		0.877234	1.14232	1.14232	0.83964	0.839962	-1.19053	0.879045	0.877148	-1.14006	0.974478	0.97284	-1.02792	0.402443	4.72232	10.4304	1
cg15590211	SPTB;SPTB	0.901493	0.433054	0.532125	-1.87926	0.779917	0.798482	-1.25238	0.589863	0.651078	-1.53592	0.531859	0.606921	-1.64766	0.356434	0.473331	-2.11269		0.37024	0.484045	-2.06592	0.263204	0.398597	-2.5088	0.430144	0.529914	-1.8871	0.523004	0.599457	-1.66818	0.402436	3.96339	8.75422	1
cg25877019	FOXI1	0.901523	0.895386	1.03149	1.03149	0.906208	0.827709	-1.21701	0.780838	0.951665	1.05163	0.768353	0.748353	0.567775	1.33611	1.33611	0.748353	0.748353	0.702641	1.04861	1.04861	0.920737	0.888516	-1.12421	0.915491	0.92389	-1.08255	0.685236	0.330195	0.685236	1.33502	2.71153	1
cg27389262	OTUD7B	0.901562	0.50068	1.99765	1.99765	0.821136	0.795505	-1.25706	0.336417	2.73409	2.73409	0.859591	1.14182	1.14182	0.81884	1.26084	1.26084		?	?	?	0.665835	1.55157	1.55157	0.505475	1.504605	-1.98175	0.356413	4.38467	12.3022	1
cg10575369	BAI2	0.901571	0.672648	1.41912	1.41912	0.483098	1.79874	1.79874	0.412929	1.99264	1.99264	0.29607	2.4386	2.4386	0.278855	2.52264	2.52264		0.555536	1.63411	1.63411	0.360418	2.16037	2.16037	0.590987	1.56337	1.56337	0.514885	1.47074	1.47074	0.402303	4.32261	9.5508	1
cg18091028	PLPPR1;PLPPR1	0.901643	0.716215	1.39309	1.39309	0.72914	1.37083	1.37083	0.576258	1.66982	1.66982	0.255564	2.93829	2.93829	0.65873	1.49725	1.49725		0.323926	0.396482	-2.52219	0.931169	0.92455	-1.08161	0.87591	1.15247	1.15247	0.754083	1.33025	1.33025	0.402182	5.25259	11.6091	1
cg22139707	PAK1;PAK1	0.901659	0.340827	1.320884	1.320884	0.756761	-1.42443	0.61135	1.70937	1.75037	1.75037	0.491749	0.964076	1.037241	0.945753	1.057684	1.057684	0.752264	0.554063	0.493343	-2.02058	0.814053	0.644871	1.55057	1.55057	0.644871	0.752937	-1.32829	0.402155	0.864506	0.876	1.92178	1
cg11528984	C1orf69	0.901666	0.555718	1.72698	1.72698	0.871347	0.861922	-1.1602	0.972903	1.03162	1.03162	0.93243	1.00168	1.00168	0.80164	0.793949	-1.25953		0.59067	1.64511	1.64511	0.710489	0.262313	-3.81224	0.755651	0.751117	-1.33135	0.64119	0.650315	1.53772	0.402142	3.53527	11.8328	1
cg10109127	CADM1;CADM1	0.901676	0.783988	1.27554	1.27554	0.787472	0.828771	1.20651	0.382311	0.76381	1.75381	0.775033	0.864767	1.1815	0.480078	0.642284	-1.55703	0.480078	0.914984	1.09311	1.09311	0.873484	1.04124	1.04124	0.763663	1.19187	1.19187	0.921188	0.85879	-1.16426	0.402372	1.45792	3.19999	1
cg27247382	PLEKHM3	0.901687	0.953522	1.04885	1.04885	0.286021	0.403857	-2.47612	0.611257	0.657403	-1.52114	0.802691	1.22737	1.22737	0.219171	0.347346	-2.87898		0.926958	1.07792	1.07792	0.702001	0.730086	-1.3697	0.891361	1.11832	1.11832	0.62091	1.6605011	-1.50374	0.402107	2.26454	9.42711	1
cg05667401	ZNF668	0.901702	0.614567	1.5432	1.5432	0.721524	0.736531	-1.35772	0.504903	1.78272	1.78272	0.526946	1.72936	1.72936	0.853348	0.853754	-1.1713		0.672325	1.43837	1.43837	0.479733	0.541244	-1.8476	0.86167	1.1607	1.1607	0.322541	0.417633	-2.39445	0.402082	4.64917	10.2784	1
cg05447077	HMGN5;SH3BGRL	0.901711	0.756802	1.09347	1.09347	0.611495	0.728684	-1.45204	0.504185	0.688206	-1.45204	0.504185	0.688206	-1.45204	0.504185	0.688206	-1.45204		0.586339	0.92933	1.07596	0.843561	0.79583	-1.25655	0.944955	0.7983	1.25255	0.944955	0.7983	-1.25255	0.944955	0.7983	-1.25255	0.944955	0.7983	-1.25255	0.402066	0.507208	0.818979	1
cg25114561	TRPV1;SPHK1	0.901746	0.606054	0.879694	-1.13676	0.844287	0.952702	-1.04965	0.703814	1.09869	1.09869	0.881065	0.963782	-1.03758	0.492048	0.842031	-1.1876		0.533962	1.1679	1.1679	0.245677	1.34875	1.34875	0.812252	1.06038	1.06038	0.673718	0.900913	-1.10998	0.402007	0.386546	0.854702	1
cg09541468	CORO1B;CORO1B;CORO1B	0.901766	0.783066	1.27662	1.27662	0.719687	1.04687	-1.06305	0.888885	1.07043	1.07043	0.615404	0.917063	-1.09015	0.218844	0.458136	-2.18316		0.945914	0.988556	-1.01138	0.557659	1.10584	1.10584	0.530622	0.897829	-1.1138	0.884705	1.02272	-1.02272	0.402006	0.18329	0.405279	1
cg12655755	NEU1	0.901749	0.403439	0.777169	-1.28672	0.220348	0.683896	-1.46221	0.709761	0.895625	-1.11654	0.540609	0.833091	-1.20035	0.625326	0.864891	-1.15622		0.937088	0.976993	-1.02255	0.786544	0.721678	-1.38566	0.939805	0.977935	-1.02256	0.786532	1.18129	0.402002	2.55338	1.22396		1
cg11969602	ASAP1 EHBP1;EHBP1;EHBP1;EHBP1;EHBP1;EH	0.901753	0.501186	1.36086	1.36086	0.27147	1.67643	1.67643	0.387552	1.49139	1.49139	0.741449	1.16117	1.16117	0.743485	0.862258	-1.15975		0.835693	1.09826	1.09826	0.291175	1.63942	1.63942	0.695459	1.19429	1.19429	0.667912	1.21505	1.21505	0.401995	1.29682	2.86751	1
cg20689859	BP1	0.901762	0.254742	5.0447	5.0447	0.489161	2.6018	2.6018	0.175431	0.67514	-1.48117	0.586842	2.11007	2.11007	0.415113	0.321862	-3.10692		0.79467	0.701213	-1.4261	0.803635	0.40361	-2.48061	0.581981	1.49412	1.49412	0.85878	1.27428	1.27428	0.401998	11.7913	26.0739	1
cg07889790	ERICH1	0.901767	0.57403	1.4244	1.4244	0.768	1.04229	1.04229	0.964074	1.14045	1.14045	0.563579	1.24104	1.24104	0.406651	0.833708	-1.2004		0.501185	2.80277	2.80277	0.14788	0.53553	1.86711	0.22332	4.47788	4.47788	0.644837	0.150003	-1.99988	0.387453	0.262563	-3.80864	0.402172	14.508	32.0818	1
cg04849378	TRHDE	0.901782	0.449728	0.798511	-1.25233	0.831552	1.0642	1.0642	0.858509	0.949207	-1.05351	0.845787	0.944704	-1.05853	0.37987	1.30102	1.30102		0.97488	1.00924	1.00924	0.855262	1.05479	1.05479	0.531269	0.830888	-1.20353	0.284197	0.722527	-1.38403	0.401945	0.543254	1.20139	1
cg00190179	MSH5;MSH5;MSH5;MSH5	0.901791	0.980024	0.98581	-1.01479	0.938185	0.969556	-1.03101	0.974102	1.0412	1.0412	0.9592	1.00243	1.00243	0.974102	0.944739	-1.05885		?	?	?	0.944739	1.05885	1.05885	1.05885	1.05885	1.05885	1.05885	1.05885	1.05885	1.05885	1.05885	1.05885	1.05885	0.401941	1.06921	0.383162	1.75346	4.58673	1
cg20148360	PYYL5;PYYL5	0.901796	0.377159	0.72877	-1.47213	0.853792	0.915238	0.95261	0.803813	0.949716	-1.05294	0.308195	0.568545	0.568545	0.471397	1.36702	1.36702		0.745013	1.14942	1.14942	0.739238	0.952825	1.04294	0.403377	1.34559	1.34559	0.401922	0.199157	2.15361	1
cg26406353	CDK5RAP1;CDK5RAP1	0.901883	0.764513	0.944941	-1.05827	0.511552	0.882051	-1.13372	0.455673	0.866557	-1.15399	0.817116	1.04463	1.04463	0.528674	0.886633	-1.12786		0.55153	0.892647	-1.12026	0.599983	1.1049	1.1049	0.308135	0.81967	-1.22	0.430005	0.859112	-1.16399	0.401864	0.226169	0.500267	1
cg03227353	DCI	0.901882	0.395386	0.864566	-1.15699	0.466355	0.908165	-1.10101	0.674158	0.930357	-1.07525	0.703027	0.989253	-1.01076	0.554996	0.80264	-1.24597		?	?	?	0.554996	1.80234	1.80234	1.80234	1.80234	1.80234	1.80234	1.80234	1.80234	1.80234	1.80234	1.80234	1.80234	0.401858	1.82233	0.323276	0.425452	1.35064	0.40186	0.46592	0.87832	1
cg14013804	SMYD2	0.901883	0.453475	1.1019	1.1019	0.61303	1.06095	1.06095	0.263851	1.1595	1.1595	0.526156	1.08504	1.08504	0.505043	1.08975	1.08975		0.373599	1.12306	1.12306	0.546695	1.08058	1.08058	0.687799	0.940967	-1.05267	0.674848	1.05507	1.05507	0.401843	1.02753	0.227293	1
cg17912193	RGS20;RGS20	0.901947	0.629716	0.797564	-1.26837	0.625737	0.934797	-1.06984	0.374945	1.42588	1.42588	0.879205	0.96247	-1.04004	0.876794	1.06231	1.06231		0.308513	1.50778	1.50778	0.301281	1.51781	1.51781	0.961072	1.0192	1.0192	0.920368	1.03973	1.03973	0.401835	0.966022	2.16291	1
cg20927952	C14orf1;TTLL5	0.901957	1.383372	1.08629	-1.08629	0.169406	0.894051	-1.28284	0.474199	1.11788	1.11788	0.791291	1.16131	1.16131	0.738723	0.826393	-1.20774		?	?	?	0.826393	1.20771	1.20771	1.20771	1.20771	1.20771	1.20771	1.20771	1.20771	1.20771	1.20771	1.20771	1.20771	0.401857	1.08898	0.383048	1.71464	4.47405	1
cg01517273	ADAR	0.901869	0.840433	0.952884	-1.04945	0.39023	1.23464	1.23464	0.559898	1.1518	1.1518	0.60884	0.881283	-1.13471	0.369339	0.950911	-1.05162		0.600864	0.881286	-1.1347	0.496215	1.17987	1.17987	0.616509	1.12849	1.12849	0.381933	1.23946	1.23946	0.401798	0.364724	0.806872	1
cg14103113	LENG1	0.901872	0.69264	1.08146	-1.03317	0.523729	1.39346	1.39346	0.773192	0.924579	1.13905	0.739854	1.16123	1.16123	0.702663	0.905673	-1.10405		0.38013	1.4136	1.4136	0.348148	1.42642	1.42642	0.492569	1.08018	1.08018	0.552688	0.779085	-1.28703	0.315882	1.49742	1.49742	0.401786	0.884803	2.17203	1
cg01503348	SVEP1	0.901912	0.280632	0.660349	-1.51435	0.613019	1.20771	1.20771	0.734437	1.12923	1.12923	0.553335	1.24844	1.24844	0.568921	1.23744	1.23744		0.880878	1.05706	1.05706	0.946932	1.02351	1.02351	0.52311	1.27059	1.27059	0.426116	1.35083	1.35083	0.401725	0.87123	1.92775	1
cg07703130	MAK16	0.901954	1.29052	1.17832	1.17832	0.429603	1.1308	1.1308	0.715753	0.945763	-1.05735	0.43429	0.885475	-1.12914	0.701775	0.953534	-1.04873		0.735853	0.94688	-1.05598	0.662687	0.995247	-1.00473	0.960767	0.992395	-1.00766	0.604722	0.147884	0.527223	1
cg04886703	BEST4	0.901973	0.784634	0.790645	-1.26479	0.88975	1.1263	1.1263	0.899751	1.14143	1.14143	0.547858	1.68453	1.68453	0.264653	0.528738	1.89129		0.804462	1.23703	1.23703	0.210905	0.951459	1.08146	1.08146	0.602102	1.02012	1.02012	0.401689	0.67813	10.3521	1
cg03002480	UBR1	0.901984	0.20812	0.537467	-1.86058	0.823342	1.11027	1.11027	0.565359	1.31244	1.31244	0.515274	0.734429	-1.3616	0.707949	0.838571	-1.19251		0.746113	1.16414	1.16414	0.53298	0.744214	-1.3437	0.927522	0.958329	-1.04348	0.744441	0.858106	-1.16536	0.401603	1.39214	3.08129	1
cg24574155	PRKCZ;PRKCZ;PRKCZ	0.901984	0.621762	1.60938	1.60938	0.27322	0.9561	1.04603	0.773	0.87673	-1.14045	0.376596	1.23005	1.23005	0.839753	1.1051	1.1051		0.792803	1.26387	1.26387	0.426353	1.0916	1.0916	0.815968	1.08129	1.08129	0.512196	0.954318	0.624771	-1.60059	0.401663	1.54971	3.43006	1
cg24440131	MIR1976;RPS6KA1;RPS6KA1	0.901989	0.36714	0.71976	-1.38935	0.465915	1.30132	1.30132	0.752581	0.893819	-1.11878	0.640176	0.846108	-1.18188	0.339952	0.705333	-1.41777		0.849528	0.934806	-1.06974	0.926426	0.967748	-1.03333	0.442749	0.757457	-1.32021	0.503426	0.785825	-1.27255	0.401595	0.801335	1.77367	1
cg18099288	SLC9A3	0.902077	0.568456	0.797564	-1.25413	0.345115	0.84512	1.18412	0.885116	1.0516	1.0516	0.470594	0.945242	-1.13415	0.814822	1.0653	1.0653		0.607504	0.905156	1.10471	0.662307	1.02911	1.02911	0.971405	1.14019	1.14019	0.877107	1.02001	1.02001	0.401587	0.922228	1.8845	3.66237	1
cg07893544	KDR	0.902079	0.996159	1.00258	1.00258	0.800217	1.14566	1.14566	0.517355	0.703288	-1.42189	0.983091	1.01143	1.01143	0.927168	0.952156	-1.05025		0.693759	1.23641	1.23641	0.579352	0.740627	-1.35021	0.155314	0.442458	-2.2601	0.738601	0.835614	-1.19673	0.401443	1.82822	4.04812	1
cg12345953	PPP3CA;PPP3CA;PPP3CA	0.902097	0.863493	0.888836	-1.12507	0.679116	1.32957	1.32957	0.310971	2.05004	2.05004	0.636051	0.721487	-1.38603	0.775651	0.822285	-1.21612		0.430644	1.73473	1.73473	0.579006	1.46785	1.46785	0.590879	0.689617	-1.45008	0.633619	0.719765	-1.38934	0.401412	2.9813	6.60182	1
cg07405552	DNAJC18	0.902099	0.909402	1.10048	1.10048	0.193372	1.1532	1.1532	0.812379	1.19565	1.19565	0.614335	1.1559	1.1559	0.849227	1.08241	1.08241		0.451329	1.09659	1.09659	0.641337	0.709221	-1.26116	0.824708	1.13818	1.13818	0.652538	1.1568	1.1568	0.401408	0.581208	1.28704	1
cg02531431	KLHL29	0.902103	0.669873	1.15386	1.15386	0.828374	0.928311	-1.07722	0.799176	1.0888	1.0888	0.923553	0.969211	-1.03177	0.585871	1.20153	1.20153		0.164511	0.60962	-1.64037	0.814597	1.08155	1.08155	0.720731	0.887107	-1.12726	0.729443	0.890594	-1.12285	0.401402	0.707973	1.56778	1
cg19905948	ANXA3;ANXA3	0.902116	0.446047	0.656157	-1.52431	0.995941	1.17403	1.17403	0.91026	0.910068	1.09869	0.98231	1.13115	1.13115	0.491344	0.898237	-1.11332		0.41581	0.58252	-1.71665	0.510398	0.963218	1.03818	1.03818	1.03818	1.03818	1.03818	1.03818	1.03818	1.03818	1.03818	1.03818	1.03818	0.401384	1.00118	0.213016	2.10174	4.32168	1
cg02913515	CNNM4	0.902154	0.937794	0.95122	-1.04908	0.478559	1.55614	1.55614	0.44628	1.61867	1.61867	0.388818	1.71962	1.71962	0.431549	0.610948	1.6368		0.756148	2.10171	2.10171	0.901957	0.927141	-1.07858	0.580666	1.40844	1.40844

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error)
ps-11564075	PHF12;PHF12	0.903122	0.246401	0.724253	-1.38073	0.660451	1.12485	1.12485	0.753279	1.08754	1.08754	0.993714	0.997905	-1.01021	0.459759	0.818469	-1.22179	0.826634	1.00612	1.00612	0.912124	0.970146	-1.02982	0.481196	1.20992	1.20992	0.678552	0.895012	-1.1173	0.39967	0.448364	0.997187	1
ps-10623198	GNB3	0.903129	0.562908	0.646222	-1.54745	0.535868	1.59674	1.59674	0.41313	1.86742	1.86742	0.854178	0.875012	-1.14284	0.394381	0.52143	1.9178	0.931464	0.937809	-1.06632	0.866406	1.13392	1.13392	0.530351	0.622211	-1.60717	0.492632	0.594425	-1.6823	0.399658	0.52692	7.8443	1
ps-10589094	TNFRSF1A	0.903143	0.68788	1.13839	1.13839	0.658537	1.15343	1.15343	0.551397	1.21339	1.21339	0.922338	1.03179	1.03179	0.599391	0.843569	-1.18544	0.453673	1.27759	1.27759	0.692605	1.13601	1.13601	0.27609	0.695159	-1.43852	0.838316	0.936531	-1.06777	0.399634	0.65196	1.45013	1
ps-10546248	PLCH2	0.903146	0.276068	0.477928	-2.09237	0.683916	0.765882	-1.3058	0.749481	0.811587	-1.23215	0.999718	0.999977	-1.00023	0.172638	0.388317	-2.57486	0.840648	0.88161	-1.13429	0.767153	0.824078	-1.21348	0.523374	0.656161	-1.52415	0.757411	0.817181	-1.22372	0.399629	0.68751	5.97779	1
ps-07641578	CYP20TP1	0.903148	0.693368	1.68706	1.68706	0.953035	1.08083	1.08083	0.988773	0.981602	-1.01874	0.45782	0.71224	2.71224	0.233532	2.30465	2.30465	0.200113	0.167595	-5.96678	0.881824	1.21691	0.847201	0.775233	-1.28993	0.883218	0.823675	-1.21407	0.399625	11.0234	24.5194	1
ps-12411490	PATZ1;PATZ1;PATZ1;PATZ1	0.90315	0.454347	0.763593	-1.3096	0.396632	0.735505	-1.35961	0.26363	0.662053	-1.51045	0.680399	0.863649	-1.15738	0.395561	0.73946	-1.35181	0.879184	0.947591	-1.05531	0.459421	0.76599	-1.3055	0.410561	0.742435	-1.34692	0.492866	0.781452	-1.27967	0.399622	0.792737	1.7633	1
ps-06567442	BANP;BANP	0.903157	0.947344	1.02396	1.02396	0.266262	1.51487	1.51487	0.72472	0.880933	-1.13516	0.840227	0.930181	-1.07506	0.986916	1.0059	1.0059	0.70532	0.872654	-1.14593	0.965693	0.984697	-1.01554	0.253147	1.53409	1.53409	0.833779	0.927421	-1.07826	0.399611	0.813646	1.80987	1
ps-12180210	GMEB1;GMEB1;GMEB1;GMEB1	0.903163	0.660601	1.30066	1.30066	0.844046	1.12432	1.12432	0.372315	1.72447	1.72447	0.674561	0.777832	-1.28563	0.669267	0.774421	-1.29129	0.260175	0.497213	-2.01121	0.918651	0.941032	-1.06266	0.792084	0.854556	-1.1702	0.694349	1.26486	1.26486	0.9996	2.24	4.98277	1
ps-16040341	HOMER2;HOMER2;HOMER2;HOMER2	0.903181	0.476354	0.606526	-1.64873	0.973519	1.02318	1.02318	0.896783	0.914285	-1.09375	0.976059	0.979493	-1.02094	0.362162	0.523767	-1.90925	0.608401	1.42876	1.42876	0.724029	1.27733	1.27733	0.920184	1.07165	1.07165	0.250304	0.436284	-2.29208	0.399569	3.01689	6.71143	1
ps-07774964	PLEKHO2	0.903197	0.767177	0.759454	-1.31674	0.460924	0.478581	-2.09205	0.731638	0.726849	-1.3758	0.959944	0.932553	-1.07424	0.82709	0.806784	-1.23949	0.258868	0.83562	-1.19651	0.617936	0.829496	-1.20565	0.754356	0.444502	-2.41253	0.617986	0.529746	-1.59363	0.522592	1.8231	1.8231	0.399483	5.43403	12.0912	1
ps-13404054	NOTCH3	0.903257	0.706943	1.1055	1.1055	0.946865	0.691009	-1.44716	0.966857	0.988027	-1.0111	0.740972	0.915673	-1.09209	0.639947	0.882397	-1.13328	0.518078	0.84029	-1.19007	0.842714	0.948609	-1.05417	0.538116	1.18004	1.18004	0.774846	0.926667	-1.07914	0.399439	0.446152	0.99284	1
ps-13033626	PDXS;PDXS;PDXS;PDXS;PDXS	0.903258	0.882203	1.13883	1.13883	0.9198	1.58539	1.58539	0.662561	1.93531	1.93531	0.723979	1.39569	1.39569	0.564033	1.61062	1.61062	0.845325	0.826587	-1.20976	0.939232	0.999028	1.23162	1.23162	0.6376	0.653287	1.53072	1.53072	0.98765	0.987095	1.19242	4.2154	9.403	1
ps-12134162	PTPDC1;PTPDC1	0.903281	0.468172	1.26916	1.26916	0.518822	0.858232	-1.16519	0.959044	0.983554	-1.01672	0.407138	0.31497	1.31497	0.454049	0.78014	-1.28182	0.482656	1.25911	1.25911	0.493633	1.25167	1.25167	0.726491	1.12008	1.12008	0.851963	0.941459	-1.06218	0.399399	0.659572	1.46792	1
ps-03145124	USO1	0.903297	0.665654	1.09477	1.09477	0.606043	1.11444	1.11444	0.862361	1.0368	1.0368	0.625368	0.910107	-1.07409	0.192851	0.955221	-1.04688	0.732424	0.931017	-1.07409	0.192851	0.955221	-1.04688	0.700704	1.02753	1.02753	0.997131	0.997131	0.274369	0.61067	1
ps-10943983	OGD4	0.903303	0.935482	0.992779	-1.0086	0.918814	1.0539	1.0539	0.65793	1.22317	1.22317	0.263225	0.578993	1.72714	0.380423	0.650042	1.54029	0.940218	1.03589	1.03589	0.97815	0.987251	-1.01291	0.620635	1.26314	1.26314	0.945605	0.780704	-1.42714	0.399361	1.38839	3.09025	1
ps-07758792	DOPEY2	0.903321	0.706175	0.802334	-1.24636	0.359883	1.7285	1.7285	0.42408	1.60757	1.60757	0.702794	1.24972	1.24972	0.496147	1.49453	1.49453	0.984398	1.01144	1.01144	0.23929	2.04742	2.04742	0.809875	1.15045	1.15045	0.988594	0.991722	-1.00835	0.39933	2.13847	4.76012	1
ps-10103442	EIF2AK1;EIF2AK1;EIF2AK1;EIF2AK1	0.903348	0.117502	1.88947	1.88947	0.858736	1.09871	1.09871	0.788662	1.10541	1.10541	0.529118	1.2685	1.2685	0.805349	1.09648	1.09648	0.755166	1.12377	1.12377	0.51805	1.2769	1.2769	0.854652	1.06886	1.06886	0.976511	1.01104	1.01104	0.990285	0.879922	1.95888	1
ps-04908234	SLC25A39;SLC25A39	0.903349	0.657663	1.082832	-1.24559	0.625801	1.27385	1.27385	0.650074	0.798594	-1.2535	0.965511	0.768278	-1.30161	0.321443	0.65936	-1.51716	0.862283	1.08918	1.08918	0.29127	0.702963	0.828111	-1.20757	0.563237	0.749785	-1.33372	0.375357	1.25186	2.91823	1
ps-01420491	HS1BP3	0.903354	0.686245	0.796425	-1.25561	0.543636	1.41136	1.41136	0.91316	1.06305	1.06305	0.737691	1.20732	1.20732	0.235857	0.498437	-2.00627	0.867679	0.910772	-1.09797	0.559432	0.718325	-1.39213	0.845927	1.11521	1.11521	0.439229	0.642631	-1.5561	0.399275	1.98666	4.42281	1
ps-05102651	FZD3	0.903394	0.921546	0.981153	0.981153	0.776827	1.11211	1.11211	0.663143	1.06564	1.06564	0.458212	1.1158	1.1158	0.731541	1.09318	1.09318	0.325329	0.861303	-1.16123	0.483489	1.09936	1.09936	0.907727	1.02753	1.02753	0.429243	1.11418	1.11418	0.399285	0.879922	1.95888	1
ps-10452801	SYNGR2	0.903398	0.499047	0.827043	-1.20913	0.24904	0.716477	-1.39572	0.779747	0.925352	-1.08067	0.848873	0.948578	-1.05421	0.962697	0.987141	-1.01303	0.70289	1.89938	-1.11188	0.597834	1.15872	1.15872	0.287525	0.736689	-1.35742	0.93919	0.979108	-1.02134	0.399119	0.484165	1.07808	1
ps-17839278	MTCH2	0.903423	0.337049	0.882916	-1.13261	0.733385	1.04395	1.04395	0.66803	1.05578	1.05578	0.538191	0.924583	-1.08157	0.491993	1.09177	1.09177	0.742768	1.0423	1.0423	0.797032	0.968094	-1.03296	0.556622	1.07767	1.07767	0.558008	0.928175	-1.07758	0.399157	0.100064	0.222834	1
ps-12877039	PCDHGB4;PCDHGA12;PCDHGA11;PCDHGA11;PCDHGB1;PCDHGA9;PCDHGA1;PCDHGB1	0.903433	0.311348	0.458886	-2.17919	0.768395	1.24559	1.24559	0.684049	0.737658	-1.35564	0.792799	0.822192	-1.21626	0.425129	0.545883	-1.83257	0.415466	0.538482	-1.85707	0.33396	0.476587	-2.09825	0.455585	0.568264	-1.75975	0.59459	0.670671	-1.49304	0.399141	3.4963	7.78629	1
ps-09424478	ASAP2;ASAP2	0.903468	0.416358	1.15467	1.15467	0.902255	1.08028	1.08028	0.966187	1.00911	1.00911	0.891462	0.961299	1.04026	0.602332	1.03439	1.03439	1.1107	1.1107	1.1107	1.1107	0.858889	0.903512	-1.10625	0.190652	0.743341	-1.34528	0.808793	1.05326	1.05326	0.813608	1.05185	1.05185	0.399081	0.28954	0.644003	1
ps-00393671	LOC400794	0.90347	0.647625	0.699308	-1.42998	0.213685	0.361443	-2.76669	0.346629	0.470836	-2.12688	0.671511	0.717824	-1.3931	0.455473	0.555364	-1.80062	0.514877	0.598533	-1.67075	0.971672	0.972779	-1.02798	0.481911	0.573768	-1.74286	0.941889	1.0583	1.0583	0.99077	3.81796	8.50398	1
ps-10519431	C11orf63;C11orf63	0.903481	0.757941	1.19042	1.19042	0.690992	1.25278	1.25278	0.559758	0.716808	-1.39507	0.975383	1.01754	1.01754	?	?	?	0.428863	0.633415	-1.57874	0.311253	1.8056	1.8056	0.902146	0.933019	-1.07179	0.717311	1.2276	1.2276	0.37513	1.64223	3.83054	1
ps-10546584	TBC0	0.903491	0.745814	1.1966	1.1966	0.737188	0.523297	-1.72122	0.521245	0.59206	-1.55206	0.491354	0.559603	-1.78703	0.533335	0.60922	-1.64122	0.475858	1.29636	1.29636	0.242701	2.803	2.803	0.514776	1.7915	1.7915	0.909106	1.00755	1.00755	0.399042	4.92339	10.9671	1
ps-11221508	ZNF830;CCTC68	0.903501	0.637286	0.885168	-1.12973	0.829508	1.05695	1.05695	0.857657	1.04719	1.04719	0.77634	1.0759	1.0759	0.5027	1.19089	1.19089	0.341403	1.28632	1.28632	0.423504	0.810624	-1.23362	0.478886	1.20309	1.20309	0.558569	1.16409	1.16409	0.399023	0.41687	0.928644	1
ps-02119577	ETS2	0.903543	0.995841	1.00144	1.00144	0.996806	0.918039	-1.08776	0.960401	0.977126	-1.02312	0.621037	0.799102	-1.2514	0.421092	0.632107	-1.58224	0.449943	1.22453	1.22453	0.33103	0.965211	-1.03603	0.863702	1.23162	1.23162	0.6376	0.653287	1.53072	1.53072	0.98765	0.987095	1.19242	1.2154	2.3687	1
ps-16325326	ZYG11B	0.903564	0.959776	1.02087	1.02087	0.774903	0.889217	-1.12458	0.15863	1.85277	1.85277	0.739877	1.1462	1.1462	0.631702	1.21868	1.21868	0.433633	1.38707	1.38707	0.931371	1.0359	1.0359	0.51875	1.3072	1.3072	0.989946	1.00517	1.00517	0.998916	1.05951	2.36087	1
ps-02731193	GCLC	0.90359	0.489677	1.30684	1.30684	0.665551	1.18039	1.18039	0.893399	0.950157	-1.05246	0.291774	1.51762	1.51762	0.793668	0.904876	-1.10512	0.908999	1.04457	1.04457	0.881588	0.944745	-1.05849	0.277029	1.53899	1.53899	0.491352	1.30545	1.30545	0.998372	0.918667	2.04725	1
ps-02174944	GJA5	0.903596	0.779232	1.20864	1.20864	0.466066	1.56238	1.56238	0.265048	0.456914	-2.1886	0.890174	1.09764	1.09764	0.491775	1.00908	1.00908	0.333215	1.96026	1.96026	0.907938	1.08113	1.08113	0.975032	0.979117	-1.02133	0.606685	0.763599	-1.30959	0.398863	2.87244	6.4014	1
ps-14470978	PRRX2	0.903599	0.93532	1.02442	1.02442	0.910966	1.03381	1.03381	0.509785	1.21989	1.21989	0.631156	1.15464	1.15464	0.388312	0.76888	-1.30059	0.849	0.944916	-1.05829	0.234063	0.690174	-1.44891	0.936327	1.02403	1.02403	0.990106	0.996321	-1.00369	0.998857	0.558168	1.24393	1
ps-02987705	ELOVL6;ELOVL6	0.903599	?	0	-1.76836	0.947898	1.05876	1.05876	?	?	?	?	?	1.72006	1.72006	?	?	0.863596	0.948748	-1.1574	?	?	?	?	?	?	?	0.789549	-1.26555	0.402695	1.90482	9.16818	1
ps-02108504	MRSA;MRSA;MRSA	0.903602	0.459853	1.56926	-1.75674	0.361721	1.01781	1.01781	0.31845	2.16426	2.16426	0.608891	1.47169	1.47169	0.97804	0.979601	-1.02082	0.774253	1.80628	1.80628	1.24027	0.594821	1.49474	1.49474	0.813119	0.837507	-1.19402	0.982597	1.01647	1.01647	0.998852	1.54167	7.89304	1
ps-00395596	MIR148A	0.903614	0.674148	0.916798	-1.09075	0.872242	1.03161	1.03161	0.500613	0.868981	-1.15077	0.374014	0.829072	-1.20617	0.199533	0.756975	-1.32105	0.988028	1.00309	1.00309	0.926541	0.981261	-1.0191	0.791216	1.05601	1.05601	0.823464	1.04697	1.04697	0.998831	0.266539	0.594044	1
ps-12178013	PTPRA;PTPRA;PTPRA	0.903619	0.361241	1.77536	1.77536	0.47076	0.84376	-1.18587	0.776326	1.14432	0.431195	1.05126	0.458209	2.18218	0.045809	1.45226	2.18218	0.642269	1.56324	1.56324	0.045893	1.55736	2.05579	0.027326	1.62642	1.62642	0.045893	1.79599	-1.25692	0.663778	0.716063	1.39652	0.808468	1
ps-24298175	NCOA5	0.903628	0.371115	0.802304	-1.24548	0.224779	0.737283	-1.35633	0.646491	0.895488	-1.11671	0.643315	0.61192	1.61192	0.839504	0.14967	1.04967	0.723862	0.918703	-1.08849	0.99455	0.998369	-1.00163	0.828651	0.949509	-1.05318	0.676323	1.10557	1.10557	0.98208	0.960891	0.804379	1
ps-09475221	WWP2;WWP2	0.903629	0.641154	1.09218	1.09218	0.82616	1.03191	1.03191	0.879334	0.97633	-1.02464	0.760693	0.779334	1.47203	0.33496	0.677203	-1.47597	0.940218	1.03589	1.03589	0.97815	0.987251	-1.01291	0.620635	1.26314	1.26314	0.945605	0.780704	-1.42714	0.399361	1.38839	3.09025	1
ps-04515524	PLVAP	0.903656	0.287812	0.134655	-7.42638	0.493299	0.282512	-3.53967	0.541174	3.07668	3.07668	0.687831	2.08305	2.08305	0.809311	1.55153	1.55153	0.492626	0.281939	-3.54687	0.931115	0.854636	-1.17009	0.533449	0.317925	-3.14539	0.713907	0.512227	-1.95226	0.39876	20.847	46.4706	1
ps-22815683	TNNT3;TNNT3;TNNT3;TNNT3	0.903663	0.483556	0.861485	-1.16079	0.662746	1.09625	1.09625	0.645665	0.907602	-1.1018	0.997484	0.99934	-1.00066	0.553739	1.12647	1.12647	0.641704	0.90653	-1.10311	0.67385	1.09269	1.09269	0.993105	1.00181	1.00181	0.24012	0.772936	-1.29377	0.398734	0.27693	0.617332	1
ps-05493465	CNOT2	0.903697	0.852971	1.11733	1.11733	0.852253	1.02533	1.02533	0.914259	1.2185	1.2185	0.538231	1.28243	1.28243	0.2665	1.62722	1.62722	0.71249	1.08342	1.08342	0.663262	1.0224	1.0224	0.776364	1.16318	1.16318	0.908386	1.06234	1.06234	0.998737	1.74286	3.88528	1
ps-10292139	SDC2	0.903701	0.95008	0.969645	-1.03131	0.459514	0.690192	-1.44887	0.781771	0.872214	-1.14651	0.780753	0.871641	-1.14726	0.667737	0.808469	-1.23691	0.776143	1.15069	1.15069	0.346561	1.61161	1.61161	0.36667	1.5787	1.5787	0.595819	1.30156	1.30156	0.998683	1.5306	3.41257	1
ps-04139424	UTP20	0.903704	0.496284	0.777572	-1.28607	0.688854	1.00542	1.00542	0.70364	1.14935	1.14935	0.790208	0.907455	-1.10188	0.848415	1.07218	1.07218	0.872227	1.06037	1.06037	0.933083	0.972316	-1.02868	0.648473	0.785757	1.27357	1.27357	0.710657	1.03675	1.03675	0.998737	0.837256	1.86734	1
ps-03636742	OSCP1;OSCP1	0.903714	0.233182	4.99604	4.99604	0.942609	1.09708	1.09708	0.814924	1.35222	1.35222	0.449077	2.69848	2.69848	0.827005	0.75453	-1.32533	0.389661	1.31091	1.31091	0.606723	0.512635	-1.9507	0.63701	1.84353	1.84353	0.92203	1.13427	1.13427	0.998661	0.10561	0.23138	1
ps-02640177	BAT3;BAT3;BAT3;BAT3	0.903747	0.364749	0.839223	-1.19157	0.693488	0.717326	-1.39426	0.674689	0.828152	-1.20755	0.497669	0.828561	-1.20737	0.262146	0.505159	-1.9795	0.769645	1.11935	1.11935	0.871909	0.513778	-1.95016	0.515502	0.691934	-1.44262	0.830999	0.982658	-1.13294	0.860505	2.61594	6.40915	1
ps-14693353	EIF2C2;EIF2C2	0.903756	0.688028	0.858108	-1.17632	0.324554	0.664117	-1.50576	0.773125	0.889756	-1.1239	0.511988	1.30679	1.30679	0.823534	1.09402	1.09402	0.838424	0.921141	-1.08561	0.997268	0.998624	-1.00138	0.835932	0.919955	-1.08701	0.295831	1.54671	1.54671	0.39859	1.02177	2.27864	1
ps-11787855	PRMT1;PRMT1;PRMT1	0.903756	0.98676	1.00862	1.00862	0.455482	1.48249	1.48249	0.744707	0.847226	-1.18032	0.841501	1.1928	1.1928	0.577655	1.33824	1.33824	0.754322	0.849024	-1.17658	0.582143	0.744868	-1.33357	0.256332	0.541338	-1.84727	0.662052	1.25585	1.25585	0.98589	1.03569	3.77707	1
ps-00390735	BAI1	0.903761	0.996234	1.00361	1.00361	0.910253	1.1242	1.1242	0.147802	1.18135	1.18135	0.622875	1.14007	1.14007	0.613202	1.18355	1.18355	0.964598	1.01257	1.01257	0.826539	0.885133	-1.12977	0.647469	1.13836	1.13836	0.155283	1.53426	1.53426	0.998852	0.998852	1.11525	1
ps-04951051	DLG5	0.903762	0.766546	1.2491	1.2491	0.883488	1.11577	1.11577	0.702569	0.750799	-1.33191	0.64149	1.4195	1.4195	0.205685	0.368855	-2.71109	0.55055	1.57017	1.57017	0.635702	0.700129	-1.42831	0.935349	1.06248	1.06248	0.626918	0.693551	-1.44186	0.998579	3.52297	7.85672	1
ps-04396555	TMEM188	0.903773	0.878904	0.948069	-1.05479	0.892027	0.990908	-1.00111	0.914719	1.02908	1.02908	0.200229	0.6228	1.60565	0.585534	1.21265	1.21265	0.410507	0.744878	1.3425	0.674524	0.860055	1.15863	0.818245	0.92904	-1.07638	0.697226	1.14663	1.14663	0.998559	0.7731	1.72421	1
ps-03369257	C11orf9	0.903774	0.754274	0.780555	-1.28058	0.845854	0.936995	-1.06687	0.864451	0.868047	-1.15201	0.557543	1.64626	1.64626	0.373436	1.38222	1.38222	0.675163	1.42507	1.42507	0.244575	0.885714	1.12848	1.12848	0.854054	1.04575	1.058	1.058	0.998558	4.43857	9.94378	1
ps-22570053	TXNDC15	0.903776	0.338675	1.22425	1.22425	0.869899	0.966932	-1.0342	0.816061	0.953323	-1.04896	0.532184	0.876269	-1.1386	0.358534	1.21372	1.21372	0.740484	0.934085	-1.07057	0.693143	1.08476	1.08476	0.637349	0.907183	-1.10231	0.621168	1.1076	1.1076	0.998555	0.265651	0.592476	1
ps-03113683	TMEM508	0.903777	0.885908	1.04599	1.04599	0.514762	0.58508	-1.70958	0.793444	1.20754	1.20754	0.743745	0.789988	-1.26586	0.442382	0.642269	-1.55684	0.728503	1.37277	1.37277	0.232661	2.62894	2.62894	0.881634	1.11304	1.11304	0.795293	1.20544	1.20544	0.998553	1.25998	2.72701	1
ps-22873145	ARMC2;ARMC2	0.903782	0.740579	0.808858	-1.23616	0.695405	0.777964	-1.28541	0.648664	0.746248	-1.34004	0.333429	1.89005	1.89005	0.884	1.09763	1.09763	0.233984	0.451071	-2.21695	0.70276	0.960806	0.96913	-1.03185	0.845107	0.882668	-1.13293	0.998545	2.56996	5.73188	1
ps-07725036	SHBG;SAT2;SAT2;SHBG	0.903863	0.917385	1.07585	1.07585	0.307232	0.54966	-1.81966	0.837417	0.89931	-1.11972	0.347358	1.25399	1.25399	0.919382	0.914683	-1.09327	0.657662	1.48174	1.48174	0.166151	1.09721	1.09721	0.634218	0.65329	-1.53064	0.850322	1.18148	1.18148	0.9927	4.77377	9.35586	1
ps-01096108	KLC2;KLC2;KLC2;KLC2	0.903791	0.435856	2.10651	2.10652	0.782531	0.77158	-1.29604	0.637645	0.64107	-1.55989	0.790189	1.28392	1.28392	0.583057	1.68127	1.68127	0.333938	2.5446	2.5446	0.307072	2.69378	2.69378	0.695081	1.44656	1.44656	0.89659	0.885268	-1.1296	0.398529	5.54379	12.365	1
ps-13918937	C19orf10	0.903812	0.175565	1.90674	1.90674	0.453945	1.40748	1.40748	0.50301	1.36604	1.36604	0.692681	1.19481	1.19481	0.814318	1.24172	1.24172	0.795726	1.12327	1.12327	0.987175	0.992824	-1.00723	0.919475	1.3399	1.3399	0.40976	1.45898	1.45898	0.998494	1.26713	2.82649	1
ps-04386514	GRMB;GRMB;GRMB	0.903832	0.203729	1.49131	1.49131	0.24253	0.71512	-1.39837	0.55997	0.64644	-1.54984	0.829279	1.13857	1.13857	0.429655	0.914195	-1.09355	0.417056	1.40512	1.40512	0.149504	0.546534	-1.83641	0.732769	1.34376	1.34376	0.763371	1.2621	1.2621	0.998459	1.35282	8.3974	1
ps-15170605	ADD2;ADD2;ADD2;ADD2;ADD2	0.903834	0.936524	0.962677	-1.03877	0.270325	0.73019	1.73019	0.748699	1.1659	1.1659	0.833824	0.903985	-1.10621	0.823481	0.8988	-1.11259	0.617705	1.27695	1.27695	0.398166	1.51152	1.51152	0.310048	1.65142	1.65142	0.641257	1.25119	1.25119	0.998455	1.4392	3.21061	1
ps-12264551	SPHKAP;SPHKAP	0.903847	0.864526	1.11709	1.11709	0.513837	0.71653	-1.39603	0.712853	0.87681	-1.14078	0.709694	0.870694	1.88284	0.102567	1.02567	1.02567	0.802292	1.24708	1.24708	0.268538	1.92292	1.92292	0.102567	1.02567	1.02567	0.102567	0.880027	0.974422	-1.02625	0.763766	0.944956	-1.05826	0.399433	1.14862	0.59769	1.05586	0.998463	0.189444	0.415949	1
ps-08791395	MIR153-2;PTPRN2;PTPRN2;PTPRN2	0.903858	0.671981	1.21511	1.21511	0.787035	0.88349	-1.13187	0.322233	0.662639	-1.59544	0.834242	0.908592	-1.1006	0.786287	0.883094	1.13238	0.950958	0.972255	-1.04205	0.557343	0.845145	1.46341	0.146341	0.857845	0.920179	-1.08674	0.398414	1.32046	2.94604	1
ps-16520312	MAPT;LOC100128977;MAPT;MAPT;MAPT;MAPT	0.903859	0.452808	0.801777	-1.24723	0.855709	0.948779	-1.05399	0.737687	0.90747	-1.10197	0.664131	1.13451	1.13451	0.449879	0.800584	-1.24909	0.306813	0.736678	-1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1050 vs. N)	Fold-Change(1 vs.1050)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1533 vs. N)	Fold-Change(1 vs.1533)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg11893236	PRMT5;SLC7A6OS	0.904805	0.661526	1.1626	0.376739	1.1639	0.36369	0.877844	1.05401	1.05401	0.591061	1.20136	1.20136	0.936253	1.07773	1.02773	0.769787	1.10557	1.10557	0.236644	0.654398	1.52812	0.919943	0.966205	1.03498	0.679034	1.15292	1.15292	0.396709	0.734801	1.64644	1
cg00990763	FAT4	0.904887	0.708668	1.16015	1.16005	0.944388	0.972768	1.02799	0.617767	1.22032	1.22032	0.739199	1.14137	1.14137	0.961679	1.0192	1.0192	0.431816	1.37371	1.37371	0.966023	1.017	1.017	0.142847	1.86505	1.86505	0.096655	0.983989	2.20508	1
cg13083427	PTPN12;PTPN1;PTPN2	0.904911	0.522006	0.795846	-1.25652	0.729407	1.12997	1.12997	0.844642	0.933292	-1.07148	0.434488	1.32393	1.32393	0.547926	0.807384	-1.23857	0.973988	1.01154	1.01154	0.48101	1.28666	1.28666	0.425359	1.33169	1.33169	0.597288	0.828941	-1.20636	0.396614	0.777784	1.74316	1
cg12475375	GRIK1;GRIK1;GRIK1;GRIK1	0.904989	0.929516	0.982958	0.10794	0.664381	1.08851	1.08851	0.519337	1.13532	1.13532	0.647476	0.944434	-1.09557	0.431591	1.16877	1.16877	0.580299	1.11462	1.11462	0.559731	0.891734	-1.12141	0.597409	0.901632	-1.1091	0.400317	1.18207	1.18207	0.39648	0.237029	0.531408	1
cg10375710	DNAH17	0.905007	0.622259	1.16754	1.16754	0.865182	1.05444	1.05444	0.621721	0.856294	-1.16782	0.884853	1.04474	1.04474	0.586001	0.842357	-1.18714	0.725445	1.13626	1.13626	0.290645	1.40787	0.632515	1.16216	1.16216	0.328434	1.36978	1.36978	0.396449	0.610958	1.36984	1
cg16895464	FURIN	0.905089	0.405528	0.780255	-1.28163	0.795209	0.926963	-1.07879	0.666388	1.13481	1.13481	0.835293	1.06259	1.06259	0.660079	0.878933	-1.13774	0.799409	1.07707	1.07707	0.194185	0.669988	-1.49256	0.83912	1.06306	1.06306	0.909947	0.967548	-1.03354	0.396307	0.533618	1.19687	1
cg18855780	BTBD3	0.905097	0.8914	1.08299	1.08299	0.58669	0.725875	-1.37765	0.925492	0.94687	-1.05611	0.298853	1.87473	1.87473	0.418608	0.617313	-1.61992	0.432009	0.626228	-1.59686	0.744856	1.2062	1.2062	0.759961	1.19585	1.19585	0.920038	1.06036	1.06036	0.396294	1.23802	4.79558	1
cg15537144	EMILIN1;LIPN3	0.90514	0.553884	0.86325	-1.15842	0.852092	1.01458	1.01458	0.598951	0.873481	1.16921	1.16921	0.863114	1.04329	1.04329	0.415784	0.815224	-1.12661	0.655751	1.11649	1.11649	0.265823	1.32943	1.32943	0.756056	0.904374	-1.08663	0.942727	0.98251	-1.0178	0.396231	0.378455	0.849033	1
cg00860570	PTCD3;POLR1A;PTCD3	0.905159	0.585366	0.877797	-1.14706	0.954151	0.893773	-1.11885	0.903117	0.93079	1.03079	0.981912	1.09056	1.09056	0.491543	1.1413	1.1413	0.906045	0.934933	1.07031	0.932086	0.725348	-1.06233	0.953238	1.02045	1.02045	0.760976	0.990609	-1.00948	0.396188	0.38917	0.873143	1
cg01875418	P2RY2;P2RY2;P2RY2;P2RY2;P2RY2	0.905168	0.394687	0.517989	-1.93054	0.274832	2.35679	2.35679	0.459168	1.76599	1.76599	0.841782	0.860013	-1.16277	0.778848	0.808616	-1.23668	0.64646	1.16155	1.16155	0.853459	1.06179	1.06179	0.896827	0.958805	-1.04296	0.581613	1.19777	1.19777	0.395876	0.659255	1.48027	1
cg12739732	MYC	0.905176	0.666128	1.18779	1.18779	0.54657	0.701454	-1.42556	0.788449	1.13909	1.13909	0.760589	0.941097	-1.06256	0.31155	1.70977	1.70977	0.564973	1.13458	1.13458	0.461052	0.682543	-1.46511	0.647854	1.26045	1.26045	0.736752	0.842222	-1.18794	0.396158	1.62522	3.64662	1
cg21223353	ANGPTL7;ANGPTL7;MTOR	0.905192	0.935888	0.977453	-1.02307	0.194742	1.47523	1.47523	0.719483	1.10764	1.10764	0.70878	1.0823	1.0823	0.836181	1.06045	1.06045	0.834946	1.06093	1.06093	0.490333	1.21988	1.21988	0.443521	0.803154	-1.24789	0.958828	0.985473	-1.01474	0.396132	0.504115	1.13119	1
cg13802780	GARNL3;GARNL3	0.905267	0.83604	0.887124	-1.13286	0.642229	1.19528	1.19528	0.144088	2.08276	2.08276	0.570743	1.41182	1.41182	0.486757	0.653545	-1.53012	0.88812	1.08842	1.08842	0.801246	0.893133	-1.16096	0.993373	0.990015	-1.00505	0.452254	1.57725	1.57725	0.396003	2.27241	5.10076	1
cg24399972	AGAP11	0.905267	0.94664	0.944781	-1.05845	0.274219	2.62623	2.62623	0.832876	1.1961	1.1961	0.944776	0.965926	-1.05717	0.502463	1.56128	1.78177	0.578915	0.621413	-1.60923	0.483449	2.06395	-1.83016	0.731582	0.746605	-1.3394	0.517885	0.573301	-1.74429	0.396003	0.45715	0.81395	1
cg22945975	SIRT2;SIRT2;RPKB;NFKBIB	0.905268	0.808741	1.0854	1.0854	0.934657	1.0281	1.0281	0.850479	0.938211	-1.06585	0.395995	0.745461	-1.34145	0.311894	0.7022	-1.4241	0.877193	0.949083	-1.05365	0.493291	0.930776	-1.06408	0.435533	0.764258	-1.30846	0.396001	0.736263	1.60777	1
cg23081353	EEA1	0.905272	0.904251	0.94655	-1.02601	0.972059	0.992552	-1.0075	0.967403	1.00886	1.00886	0.602094	0.893801	-1.11882	0.914902	1.12164	1.12164	0.811753	0.950353	-1.05224	0.571583	0.885138	-1.12977	0.748141	1.07118	1.07118	0.253867	1.28807	1.28807	0.395998	0.285678	0.641255	1
cg25274248	ASF1B	0.905271	0.609574	0.815966	-1.22554	0.921463	1.03971	1.03971	0.986582	1.00666	1.00666	0.483481	0.754875	-1.32472	0.454399	0.740148	-1.35108	0.998711	0.999362	1.00064	0.328332	0.671393	-1.48944	0.676622	1.18013	1.18013	0.44242	1.36243	1.36243	0.395997	0.977925	2.19514	1
cg01433848	PRDM16;PRDM16	0.905278	0.621091	0.830251	-1.20456	0.560702	1.19186	1.19186	0.508464	1.26867	1.26867	0.952654	0.979279	-1.02116	0.916327	0.963619	-1.03775	0.851667	0.93612	-1.06824	0.709941	1.14577	1.14577	0.307785	1.45104	1.45104	0.460781	1.30317	1.30317	0.395983	0.779896	1.75068	1
cg14635269	UMI18	0.905429	0.902562	0.97652	-1.73442	0.909048	0.939838	-1.06401	0.877312	0.956881	-1.09065	0.463978	1.49884	1.49884	0.441543	1.4613	1.4613	0.900456	0.934133	-1.07031	0.932086	0.720024	-1.04871	0.370204	0.60676	-1.6481	0.750526	0.840979	-1.18909	0.395963	1.84866	4.15002	1
cg21480646	ZFAND6	0.905302	?	?	?	0.745022	0.774086	-1.29185	0.690933	0.730667	-1.36861	0.669155	0.713464	-1.40161	0.962545	1.03749	1.03749	0.304441	0.429918	-2.32603	0.764363	1.26075	1.26075	0.451017	0.545548	-1.83302	0.352421	0.468713	-2.1335	0.365627	3.01126	6.17691	1
cg10498646	CAPN5	0.905313	0.967567	0.951342	-1.05115	0.604118	1.16016	1.16016	0.969335	1.04781	1.04781	?	?	?	?	?	?	?	?	?	0.613344	0.534774	-1.86995	0.311251	0.589985	0.63995	0.440741	2.63112	2.63112	0.395972	6.35173	18.1497	1
cg04887078	ADARB2	0.905329	0.831958	0.909786	-1.09916	0.653161	1.34015	1.34015	0.838115	0.67476	-1.48201	0.477903	1.37857	1.37857	0.345007	0.648716	-1.54151	0.791968	1.12481	1.12481	0.961841	1.06382	1.06382	0.633008	0.807312	-1.23868	0.395897	1.24131	2.78706	1
cg05314622	ZNF618A	0.905335	0.516236	0.8396	-1.19122	0.337747	1.97635	1.97635	0.338035	1.53933	-1.54025	0.388315	0.964304	-1.03659	0.756356	1.07002	1.07002	0.441564	1.14564	1.14564	0.284808	1.58137	-1.04043	0.514218	1.19094	1.19094	0.647568	0.882481	1.13489	0.395877	0.552009	1.39397	1
cg27610250	SLC25A46	0.905341	0.692141	1.13774	1.13774	0.607329	0.845285	-1.18303	0.672982	0.8714	-1.14758	0.5897	1.19308	1.19308	0.196495	1.55712	1.55712	0.64646	1.16155	1.16155	0.853459	1.06179	1.06179	0.896827	0.958805	-1.04296	0.581613	1.19777	1.19777	0.395876	0.659255	1.48027	1
cg10675288	?	0.905392	0.531868	2.5314	2.5314	0.922606	0.867163	-1.15319	0.83865	0.741831	-1.34802	0.456584	0.328877	-3.04055	0.417011	0.296241	-3.37562	0.638067	0.4991	-2.00361	0.438829	2.03404	-3.18406	0.513761	2.6413	2.6413	0.715655	1.71016	1.71016	0.395788	1.3485	30.2856	1
cg02675140	PEX13;PUS10	0.905398	0.35206	0.752157	-1.75497	0.464116	1.28415	1.28415	0.844393	0.93617	-1.06818	0.394391	0.93617	-1.06818	0.394391	1.0537	1.0537	0.897291	0.97558	-1.0443	0.705298	0.696189	-1.43639	0.694604	0.879569	-1.14159	0.882251	0.951471	1.0515	0.706148	1.58356	0.706148	1
cg06382132	JARID2	0.905411	0.831149	1.07286	1.07286	0.830372	1.07321	1.07321	0.586661	1.19818	1.19818	0.475264	1.27012	1.27012	0.43983	1.29624	1.29624	0.724638	1.12354	1.12354	0.23989	1.49975	1.49975	0.542092	0.816073	-1.22538	0.548678	1.22124	1.22124	0.395755	0.67987	1.52703	1
cg19452102	TRAPPC9;TRAPPC9	0.905482	0.364853	1.10187	1.10187	0.858047	1.16364	1.16364	0.210076	1.52784	1.52784	0.144605	1.46782	1.46782	0.145709	1.6408	1.6408	0.415859	1.15813	1.15813	0.109883	1.85475	1.85475	1.6408	0.415859	1.15813	1.15109	0.562766	0.962766	0.395741	1.91805	4.3082	1
cg05508592	HRAS;HRAS;HRAS	0.905421	0.379799	1.41382	1.41382	0.640137	0.460267	-2.17265	0.921247	0.846202	-1.17699	0.32345	0.19498	-5.19498	0.164398	0.33643	2.7345	2.7345	0.59274	0.4345	2.34145	0.410045	0.395596	1.39056	0.706748	1.62912	1.62912	0.497059	1.48382	1.48382	0.395738	17.0215	38.233	1
cg27011042	MFGE8;MFGE8	0.905454	0.511357	0.860024	-1.16276	0.326384	0.795022	-1.25783	0.598289	1.1279	1.1279	0.442574	0.837577	-1.19392	0.714154	0.920092	-1.08685	0.910357	0.97502	-1.02562	0.945041	1.01573	1.01573	0.787405	0.940642	-1.0631	0.445122	1.19269	1.19269	0.395682	0.321166	0.721491	1
cg06443186	GPX2;GPX2	0.905463	0.716832	1.12284	1.12284	0.743742	0.824372	-1.21316	0.78615	0.87185	-1.14554	0.58951	1.18255	1.18255	0.991605	1.00753	1.00753	0.831039	0.947569	-1.05534	0.312733	1.29437	1.29437	0.497758	0.889046	-1.12478	0.456223	0.825915	1.21078	0.395679	0.398113	0.894358	1
cg06834438	BPNT1;BPNT1	0.905466	0.455733	1.22284	1.22284	0.423742	1.24155	1.24155	0.514385	1.19136	1.19136	0.852474	0.951897	-1.05053	0.591295	1.15436	1.15436	0.643212	1.13148	1.12481	0.961841	1.06382	1.06382	0.633008	0.807312	-1.23868	0.395897	1.24131	2.78706	1
cg10362869	NCKAP5;NCKAP5	0.905509	0.911994	1.01183	1.01183	0.907264	0.923533	1.08333	0.645035	1.08333	0.645035	0.803893	0.964203	-1.04213	0.674039	0.803893	-1.24394	0.729353	0.982569	-1.01771	0.929755	0.709202	1.15292	1.15292	0.396885	0.459568	0.982481	1.14257	1.14257	0.395669	0.4743	3.16349	1
cg09564133	MXD3;MXD3;MXD3;MXD3	0.905518	0.423548	0.809112	-1.23592	0.410504	0.804044	-1.24371	0.726799	0.913109	-1.09516	0.580717	0.86521	-1.15579	0.605859	0.873815	-1.14441	0.851233	1.04986	1.04986	0.212039	0.711297	-1.44588	0.499644	0.837296	-1.19432	0.960819	1.01281	1.01281	0.395572	0.420731	0.945424	1
cg25903163	HIL H6	0.905574	0.719155	1.34773	1.34773	0.556304	0.63521	1.63521	0.617142	1.51668	1.51668	0.478961	1.8127	1.8127	0.774404	0.788803	-1.26807	0.872625	0.875816	-1.14179	0.710784	1.34678	1.34678	0.126559	2.85568	2.85568	0.34489	2.23447	2.23447	0.395475	0.4278	9.61498	1
cg15447761	CNST;TF82;CNST	0.905618	0.352371	0.894553	-1.11844	0.893419	0.938433	1.06561	0.754159	0.964304	-1.03659	0.756356	1.07002	1.07002	0.441564	1.14564	1.14564	0.419773	1.14575	1.14575	0.284808	1.58137	-1.04043	0.514218	1.19094	1.19094	0.647568	0.882481	1.13489	0.395877	0.552009	1.39397	1
cg20603222	C7orf50;C7orf50;GPR146;C7orf50	0.905581	0.689041	0.665833	-1.50188	0.926581	1.09767	1.09767	0.362968	2.57379	2.57379	0.206851	3.84226	3.84226	0.625647	0.608269	-1.64401	0.895556	1.14202	1.14202	0.750952	1.37982	1.37982	0.988214	1.01505	1.01505	0.905786	0.887171	-1.12718	0.395464	6.40335	14.3929	1
cg20775726	DCXR	0.905598	0.512592	0.880593	-1.13611	0.958807	1.04188	1.04188	1.01188	1.02018	1.02018	0.294818	3.29438	3.29438	0.532933	1.48128	1.48128	0.728026	0.959339	-1.09013	0.897254	0.955531	-1.02506	0.907151	0.964866	1.03603	0.897255	1.10411	1.10411	0.395434	0.229614	0.516145	1
cg27057461	PTPN2;PTPN2;PTPRN2	0.90561	0.691602	1.24422	1.24422	0.523085	1.42574	1.42574	0.548894	1.3943	1.3943	0.461355	1.50828	1.50828	0.503841	1.02551	-1.02551	0.230554	0.99233	1.99233	0.258432	1.90831	1.90831	0.79948	1.14969	1.14969	0.861355	1.10054	1.10054	0.395413	1.88086	4.22817	1
cg25879360	FAT4	0.905612	0.744938	0.905911	-1.10386	0.518614	0.820299	-1.21907	0.155736	0.63143	-1.58371	0.882895	0.956363	-1.04563	0.650785	0.871146	-1.14791	0.380489	0.955479	-1.0466	0.592105	1.17788	1.17788	0.786494	0.921101	-1.08566	0.918982	1.03128	1.03128	0.395411	0.573842	1.29	1
cg06583991	LL1IN;LL1RN;LL1RN	0.905622	0.359212	0.809057	-1.23579	0.603114	1.24659	1.24659	0.389139	1.83623	-1.83623	0.408048	1.18482	1.18482	0.550105	0.844008	-1.21409	0.703085	0.970516	-1.03064	0.717751	0.690126	-1.44901	0.30812	0.459486	-2.17634	0.922135	0.930465	-1.07473	0.395393	0.298244	0.651645	1
cg07654871	MTA2	0.90565	0.602714	1.15289	1.15289	0.963505	0.01247	-1.01247	0.497583	0.829799	-1.20511	0.857796	0.952560	-1.04979	0.755832	0.708754	-1.41092	0.717802	1.10332	1.10332	0.20549	1.43601	0.809625	0.936703	-1.06757	0.647672	0.882797	-1.13276	0.395346	0.4596	1.03336	1
cg09183468	SLC04A1	0.905674	0.303283	0.807553	-1.23844	0.901	1.0961	1.0961	0.907992	1.04569	-1.04569	0.780781	0.818564	-1.22165	0.276082	0.818564	-1.22165	0.870281	0.975758	-1.0441	0.705298	0.696189	-1.43639	0.694604	0.879569	-1.14159	0.882251	0.951471	1.0515	0.706148	1.58356	0.706148	1
cg03752018	UBE2L3;UBE2L3;UBE2L3	0.905677	0.691178	1.08045	1.08045	0.386167	1.18785	1.18785	0.315021	1.22302	1.22302	0.751418	1.07353	1.07353	0.469961	1.15309	1.15309	0.667673	0.919709	-1.0873	0.543354	0.887626	-1.1266	0.821381	1.04479	1.04479	0.647371	1.09335	1.09335	0.395299	0.2350889	0.528632	1
cg01822537	ADAM17;DPH3;DPH3	0.905682	0.789507	0.949833	-1.05348	0.225668	1.18468	1.18468	0.139668	1.84762	1.84762	0.105493	0.869214	-1.15039	0.589766	0.898184	-1.1134	0.778224	0.949326	-1.05717	0.624099	0.896788	1.12492	1.12492	0.714299	1.12418	0.714299	0.903167	1.07058	0.924583	0.545719	1	
cg15742955	SCLT1;C4orf33	0.905728	1.12573	1.2577	1.2577	0.861125	0.938422	-1.06552	0.299129	1.47785	1.47785	0.892553	1.07651	1.07651	0.814101	0.918059	-1.08926	0.547419	0.801737	-1.24729	0.516936	1.26933	1.26933	0.971384	1.03006	1.03006	0.397356	0.739435	1.37965	1.38767	1.38767	0.395231	0.824621	1.8546	1
cg23474211	ZNF804B	0.905748	?	?	?	0.541666	2.16616	2.16616	0.685436	1.66444	1.66444	0.849616	1.26806	1.26806	0.516064	0.438735	-2.27928	0.275453	0.43507	-2.43507	0.661557	0.576256	-1.73534	0.878807	1.21035	1.21035	0.63171	1.82981	1.82981	0.376382	8.29433	22.037	1
cg00168835	BAT3	0.905748	0.566775	0.84385	-1.18504	0.297101	1.37297	1.37297	0.204965	1.83493	1.83493	0.238449	1.28449	1.28449	0.701063	0.893656	-1.11972	0.731705	0.961306	1.03962	0.715395	1.00497	1.00497	0.999755	1.00497	1.00497	1.01143	1.01143	1.01143	0.395376	0.538648	1.21048	1
cg04795040	FRAS1;FRAS1	0.905769	0.734106	0.859399	-1.1636	0.61928	0.800425	-1.24934	0.428056	0.69796	-1.43275	0.860493	0.929287	-1.07609	0.758045	0.871688	-1.1472	0.23347	0.57397	-1.74225	0.764387	0.874948	-1.14293	0.3887	0.675292	-1.48084	0.289379	0.613391	-1.63028	0.39514	1.23609	2.78065	1
cg15810163	KR1	0.905779	0.523734	0.792716	-1.26195	0.429238	1.51353	1.51353	0.299206	1.96802	-1.83299	0.380025	0.723431	-1.3823	0.319629	1.45809	1.45809	0.979564	1.02622	1.00929	0.886202	1.05253	1.05253	0.879561	0.949645	-1.05603	0.815266	1.08778	1.08778	0.395123	0.808865	1.81967	1
cg04133380	MPPED1	0.905795	0.617642	1.34428	1.34428	0.673721	1.23258	1.23258	0.262827	1.98632	1.98632	0.992198	0.994269	-1.00576	0.585626	1.20328	1.20328	0.499966	1.49559	1.49559	0.260765	1.99274	1.99274	0.47259	1.53646	1.53646	0.465533	1.54586	1.54586	0.395095	2.16245	7.26351	1
cg27021181	NET1;NET1	0.905799	0.547159	1.60538	1.60538	0.677327	1.38423	1.38423	0.836466	1.31834	1.11534	1.11534	0.857378	0.869555	-1.15001	0.589256	1.52735	1.52735	0.545964	1.60771	1.60771	0.490128	1.11118	1.11118	1.17214	3.09327	3.09327	0.652969	0.703507	-1.42145	0.395409	3.77766	8.49915	1
cg00104047	SPOCK1	0.905809	0.317326	0.775249	-1.29037	0.536168	1.9906	1.9906	0.680603	1.23037	1.23037	0.447241	0.875595	-1.48457	0.89758	0.504003	-1.98357	0.816884	1.09384	1.09384	0.47418	0.688428	-1.45258	0.89762	1.03014	1.03014	0.878057	-1.01962	0.608991	1.30103	1.30103	0.395071	0.642891	1	
cg16885608	ZNF260;ZNF260;ZNF260;ZNF260	0.905839	0.311585	1.25477	1.25477	0.701579	0.91992	-1.08705	0.982062	0.995138	-1.00489	0.922407	1.02135	1.02135	0.822451	1.04993	1.04993	0.259612	1.29039	1.29039	0.551237	0.87748	-1.13963	0.994688	1.00144	1.00144	0.821879	0.952292	-1.0501	0.395019	0.294033	0.661645	1
cg13262419	CHNAD1;DPH3;DPH3	0.905847	?	?	?	0.980311	0.97154	-1.02929	0.664835	1.66532	1.66532	0.852585	1.24315	1.24315	?	?	?	0.780587	1.05957	1.05957	0.328277	1.25808	1.25808	?	?	?	0.370539	2.92357	2.92357	0.632159	0.40718	19.2723	1
cg03388043	CCDC57	0.905854	0.81341	0.859045	-1.16408	0.27689	2.04881	2.04881	0.555564	1.46054	1.46054	0.802731	0.851547	-1.17433	0.864024	1.11506	1.11506	0.817766	1.16368	1.16368	0.218325	2.27664	2.27664	0.787603	1.18715	1.18715	0.977085	1.01842	1.01842	0.394995	1.52546	5.68324	1
cg24400488	POG2;POG2;POG2	0.905861	0.806283	0.893499	-1.11919	0.638864	0.805217	-1.2419	0.976793	0.986756	-1.01342	0.929041	0.96	-1.04167	0.249126	0.575736	-1.73691	0.50339	0.732529	-1.36513	0.644074	1.23768	1.23768	0.730426	1.17179	1.17179	0.350829	0.643957	-1.5529	0.394981	1.13414	2.95742	1
cg23721140	ZNF514;ZNF514	0.905886	0.674893	0.915487	-1.1859	0.297101	1.37297	1.37297	0.204965	1.83493	1.83493	0.238449	1.18757	1.18757	0.678609	1.0907	1.0907	0.727227	0.929202	-1.07569	0.613705	0.841346	1.18892	1.18892	0.841445	1.2269	1.2269	0.690489	1.08697	1.08697	0.394922	0.271512	0.611119	1
cg00331343	NCK1	0.905905	0.893533	0.963738	-1.03763	0.914012	0.980518	-1.01987	0.881306	1.02759	1.02759	0.593021	0.906407	-1.10326	0.606016	0.909584	-1.0994	0.848023	0.965657	-1.03556	0.896222	0.97651	-1.02406	0.567418	0.764868	-1.30742	0.506922	1.13048	1.13048	0.394907	0.207516	0.467093	1
cg12251608	TALD1	0.905923	0.67203	0.872423	-1.14683	0.722384	0.907713	1.10163	0.907713	0.82865	-1.20683	0.736389	0.970918	1.03004	0.970918	1.03004	0.970918	0.562376	0.896198	1.02018	0.896198	0.940262	-1.06353	0.888886	0.977459	-1.02306	0.868988	1.00709	1.00709	0.394904	0.100244	0.208778	1
cg26529833	DMH	0.905965	0.53177	0.51361	-1.947	0.927222	2.11087	1.10087	0.741858	0.706297	-1.41584	0.836535	0.80466	-1.24276	0.566241	0.543385	-1.84032	0.223983	0.260841	-3.83375	0.38866	0.394798	-2.53294	0.884249	0.857921	-1.16561	0.577737	1.80686	1.80686	0.394803	0.91936	15.5787	1
cg00631877	PLXNC1	0.905976	0.79071	1.76813	1.76813	0.444911	0.188199	-3.31351	0.442406	0.35597	-3.55597	0.546431	0.69807	3.69807	?	?	?	0.441018	0.38449	5.38449	0.620833	0.343546	-2.91082	0.807939	1.68511	1.68511	0.708363	2.23698	2.23698	0.375988	24.3016	64.6341	1
cg03750367	GSTA1	0.905989	0.675272	0.837731	-1.19403	0.572523	1.39774	1.39774	0.348221	0.533154	1.39531	0.651745	1.27098	1.27098	0.516608	0.706446	-1.41554	0.972705	0.98238	-1.01818	0.823217	0.506395	-1.97474	0.9945	1.00364	1.00364	0.826794	0.890782	-1.12261	0.394762	1.74141	3.92215	1
cg10252235	DYNC1H1	0.906001	0.422462	2.34626	2.34626	0.324634	2.88262	2.88262	0.294304	3

File: ESM_23 (Online Resource 23)

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00607311	SLC12A7	0.907223	0.280344	1.495216	-2.01932	0.928822	1.05744	1.05744	0.864109	1.11319	1.11319	0.562779	0.693323	1.44233	0.266647	0.484584	1.06362	0.437151	0.60886	-1.64241	0.564212	0.694276	-1.44035	0.880896	0.910417	-1.0894	0.696458	0.782389	1.27814	0.392612	2.4366	5.51628	1
cg01509287	ST6GALNAC2	0.907237	0.554528	1.22401	1.22401	0.696978	1.14147	1.14147	0.333253	1.4014	1.4014	0.156353	1.22284	1.22284	0.811381	1.08419	1.08419	0.717469	1.13073	1.13073	0.780894	1.09887	1.09887	0.295154	1.51658	1.51658	0.289636	1.4501	1.4501	0.392609	0.701886	1.60949	1
cg04115025	C22orf28	0.90724	0.352181	2.96549	2.96549	0.856951	1.22736	1.22736	0.803875	0.753889	-1.32646	0.458382	2.354	2.354	0.554439	1.97169	1.97169	0.395482	2.68601	2.68601	0.540348	0.494704	-2.02141	0.688159	0.632492	-1.58105	0.862955	1.21672	1.21672	0.392603	8.01572	18.1483	1
cg23411652	RABSA	0.907243	0.804859	0.97408	-1.02661	0.310128	1.08456	-1.11786	0.953235	0.993797	-1.00624	0.447642	1.08557	1.08557	0.82202	1.02497	1.02497	0.530468	0.934808	-1.06917	0.47013	1.08107	1.08107	0.727948	0.963602	-1.03777	0.742818	1.03555	1.03555	0.992598	0.060918	0.158447	1
cg16961080	POM121C	0.907254	0.540999	1.21002	1.21002	0.431117	1.28086	1.28086	0.85353	0.944659	-1.05858	0.556621	1.20101	1.20101	0.347156	0.742145	-1.34744	0.913381	0.967037	-1.03409	0.687773	1.13253	1.13253	0.458861	1.26156	1.26156	0.657325	1.14744	1.14744	0.392579	0.590035	1.33597	1
cg27295716	VSIG10	0.907287	0.577273	1.29746	1.29746	0.996334	1.00213	1.00213	0.630778	0.799343	-1.25103	0.202488	0.603451	-1.65714	0.690273	1.20351	1.20351	0.782615	0.879929	-1.13646	0.37753	1.52008	1.52008	0.777005	1.14033	1.14033	0.720001	1.18113	1.18113	0.392523	1.32967	3.0111	1
cg20939322	FERMT2;FERMT2;FERMT2	0.907293	0.509597	1.35425	1.35425	0.554025	1.31173	1.31173	0.623103	0.798875	-1.25176	0.639505	0.807465	-1.23844	0.915363	0.952951	-1.04937	0.557336	0.764121	-1.30869	0.321022	1.59167	1.59167	0.621014	1.25348	1.25348	0.669868	1.21459	1.21459	0.392511	1.27747	2.89299	1
cg20376452	CASP	0.907327	0.314799	1.51727	1.51727	0.883604	1.03819	1.00819	0.683827	0.85726	1.1765	0.680672	1.17925	1.17925	0.891204	1.05604	1.05604	0.315794	0.661496	-1.51172	0.703242	0.858593	-1.16474	0.980702	0.990409	-1.00968	0.538711	1.28146	1.28146	0.392101	0.986103	2.23491	1
cg04945019	WDR80;WDR89	0.907481	0.485795	1.040785	-1.34992	0.979583	1.818461	-1.19266	0.717388	0.85728	-1.16468	0.672643	0.835255	-1.19727	0.835077	1.09234	1.09234	0.51826	0.757701	-1.19378	0.145474	0.515718	-1.93904	0.776505	0.886412	-1.12584	0.650192	0.824141	-1.21338	0.392187	1.11479	2.52666	1
cg17301644	C21orf59	0.90749	0.938259	0.981603	-1.01874	0.838431	1.05015	1.05015	0.443278	1.20606	1.20606	0.813997	1.05812	1.05812	0.687046	1.10194	1.10194	0.627576	1.12432	1.12432	0.209252	1.37932	1.37932	0.598289	0.880348	-1.13591	0.470921	1.1922	1.1922	0.39217	0.958848	0.808828	1
cg12785122	C17orf48;SCO1	0.907545	0.224702	0.77424	-1.29128	0.919352	1.06007	1.06007	0.466625	1.16009	1.16009	0.79973	1.05228	1.05228	0.970046	1.00756	1.00756	0.606708	0.901148	-1.1097	0.534162	0.884434	-1.13451	0.894221	0.922327	-1.08421	0.707139	0.927136	-1.07859	0.392075	0.249506	0.565666	1
cg02107844	SLC03A1;SLC03A1	0.907549	0.69659	1.25561	1.25561	0.491825	1.50015	1.50015	0.548276	0.702661	-1.42316	0.900058	1.07571	1.07571	0.584595	1.37807	1.37807	0.469048	1.53404	1.53404	0.488762	1.5046	1.5046	0.546615	1.4253	1.4253	0.455786	0.643238	-1.55463	0.392068	2.18504	4.419293	1
cg12636904	C2orf15;TSGA10;C2orf15;TSGA10	0.907561	0.762412	0.94339	-1.05967	0.774503	1.14955	1.14955	0.34276	1.13664	1.13664	0.513707	1.13667	1.13667	0.625757	1.09312	1.09312	0.599377	1.70789	1.70789	0.365062	2.55951	2.55951	0.767323	1.34935	1.34935	0.540591	1.8693	1.8693	0.392033	0.33137	14.3556	1
cg17579214	RAP2A	0.907569	0.392513	0.41289	-2.42195	0.754476	0.728472	-1.37274	0.67049	0.654186	-1.52862	0.819476	1.25965	1.25965	0.522749	1.92341	1.92341	0.599377	1.70789	1.70789	0.365062	2.55951	2.55951	0.767323	1.34935	1.34935	0.540591	1.8693	1.8693	0.392033	0.33137	14.3556	1
cg00185988	LASS6	0.90757	0.723636	0.89759	-1.11409	0.936333	1.02461	1.02461	0.709594	0.892403	-1.12057	0.665819	1.14137	1.14137	0.929912	0.973584	-1.02713	0.361156	1.33064	1.33064	0.264729	1.42437	1.42437	0.740596	1.10639	1.10639	0.581934	0.844328	-1.18447	0.392083	0.574987	1.30372	1
cg07396092	BTBD12	0.907587	0.687137	1.25361	1.25361	0.267378	1.16082	1.16082	0.524054	1.43398	1.43398	0.613495	1.30757	1.30757	0.956523	1.00307	1.00307	0.929804	1.10935	1.10935	0.209503	1.95746	1.95746	0.992319	0.93105	0.93105	0.956522	1.07406	1.07406	0.857104	0.745572	1.34255	1
cg02358630	PPA1	0.907591	0.69634	1.08109	1.08109	0.649359	1.09527	1.09527	0.884027	1.02944	1.02944	0.99073	0.950555	-1.05202	0.629329	0.907838	-1.10152	0.450946	1.16497	1.16497	0.636948	0.909815	-1.09912	0.363382	1.20407	1.20407	0.345977	1.21282	1.21282	0.391996	0.245371	0.556401	1
cg13198503	ANKMY1;ANKMY1	0.907603	0.423094	0.67462	-1.48097	0.748054	0.847784	1.02126	0.654551	0.84967	1.17464	1.17464	0.413139	0.849967	1.17464	1.17464	0.413139	0.849967	1.17464	1.17464	0.413139	0.849

File: ESM_23 (Online Resource 23)

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Journal: Acta Neuropathologica

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)
cg03562565	PLXDC2	0.909269	0.439828	1.9429	1.9429	0.616058	1.53147	1.53147	0.294249	0.399667	-2.50208	0.508738	1.7597	1.7597	0.70642	1.37577	1.37577
cg20732626	ZNF780B	0.90928	0.493044	1.86691	1.86691	0.444023	2.01332	2.01332	0.595996	1.6158	1.6158	0.457975	1.96945	1.96945	0.248548	2.94959	2.94959
cg16592242	XKRX	0.909285	0.450645	0.458592	-2.18059	0.173608	0.230289	-4.34236	0.778589	1.33095	1.33095	0.710708	1.45919	1.45919	0.972189	0.965259	-1.03599
cg16759204	TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1;TJAP1	0.909293	0.370287	0.564815	-1.77049	0.71145	1.25948	1.25948	0.997763	0.998261	-1.00174	0.879133	0.909842	-1.09909	0.731657	1.23829	1.23829
cg23475202	VSIG10	0.909337	0.814923	0.948777	-1.05399	0.374588	1.22675	1.22675	0.867126	1.03826	1.03826	0.885024	1.03298	1.03298	0.803382	1.05753	1.05753
cg06903151	PPFIA1;PPFIA1	0.909342	0.588374	0.868989	-1.15076	0.970962	0.990689	-1.0094	0.629888	0.882687	-1.1329	0.814616	1.06222	1.06222	0.174097	0.689638	-1.45004
cg06892796	PTPRN2;PTPRN2;PTPRN2	0.909362	0.506483	1.81531	1.81531	0.514024	1.79575	1.79575	0.594122	1.60928	1.60928	0.327296	2.44623	2.44623	0.309793	2.53386	2.53386
cg02064740	TMOD4	0.909376	0.976765	1.00907	1.00907	0.544066	0.82668	-1.20966	0.723472	1.11641	1.11641	0.732814	1.11206	1.11206	0.635338	1.15961	1.15961
cg23496718	USP2	0.909409	0.88791	0.971359	-1.02949	0.65157	1.0982	1.0982	0.74831	1.06858	1.06858	0.998876	1.00029	1.00029	0.565324	1.12723	1.12723
cg12460187	PRR5L	0.909411	0.761337	1.11859	1.11859	0.856102	0.935401	-1.06906	0.606187	0.825876	-1.21084	0.902554	0.955939	-1.04609	0.807008	1.09422	1.09422
cg10192527	SETD1B	0.909455	0.733079	1.11154	1.11154	0.661827	1.14563	1.14563	0.627762	1.16292	1.16292	0.809222	1.07758	1.07758	0.483581	0.802577	-1.24599
cg25010400	MECOM	0.909483	0.584836	1.28158	1.28158	0.412632	1.45743	1.45743	0.290034	1.63856	1.63856	0.836419	0.911217	-1.09743	0.629059	1.24469	1.24469
cg06046574	SNX4	0.909493	0.323333	1.66642	1.66642	0.69149	0.818992	-1.22101	0.813072	1.12591	1.12591	0.733337	1.18672	1.18672	0.608424	1.29523	1.29523
cg21669966	TRERF1	0.909504	0.566149	1.21918	1.21918	0.781976	0.909555	-1.09944	0.907361	0.961001	-1.04058	0.939646	0.974456	-1.02621	0.493561	0.788523	-1.26819
cg13430298	AGFG1;AGFG1;AGFG1;AGFG1;AGFG1;AGFG1;AGFG1;AGFG1	0.909514	0.933727	1.02366	1.02366	0.559342	0.847063	-1.18055	0.86509	1.04897	1.04897	0.280098	0.729305	-1.37117	0.889966	1.03968	1.03968
cg05174924	UBE2J1	0.909525	0.528128	0.662316	-1.50985	0.564252	0.6868	-1.45603	0.801333	0.849996	-1.17648	0.709283	1.27304	1.27304	0.458106	1.62748	1.62748
cg19849641	C3orf49;THOC7	0.909547	0.643357	1.23121	1.23121	0.624832	1.2459	1.2459	0.370964	1.50655	1.50655	0.556044	1.30426	1.30426	0.714233	1.17829	1.17829
cg18227776	NCOA2	0.909555	0.373335	0.82192	-1.21666	0.870948	0.965712	-1.0355	0.519328	1.15048	1.15048	0.560314	0.881288	-1.1347	0.82517	1.04862	1.04862
cg03871549	RBM20	0.909557	0.977531	0.984866	-1.01537	?	?	?	0.274812	1.85009	1.85009	0.496121	1.45382	1.45382	0.562954	0.728564	-1.37256
cg17809380	TIAM2	0.909609	0.945841	0.970337	-1.03057	0.616674	0.799555	-1.2507	0.867073	0.928437	-1.07708	0.566469	1.29285	1.29285	0.450254	0.711064	-1.40634
cg13677279	NOLC1	0.909624	0.343808	1.54836	1.54836	0.751951	1.15276	1.15276	0.800145	0.892501	-1.12045	0.602754	0.790253	-1.26542	0.420512	0.691457	-1.44622
cg07536704	KIAA1967;KIAA1967;KIAA1967	0.909652	0.895182	1.04334	1.04334	0.297258	1.41591	1.41591	0.7323	0.895382	-1.11684	0.393601	1.32477	1.32477	0.866667	1.05557	1.05557
cg18040892	SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4;SMARCA4	0.909663	0.382702	2.39082	2.39082	0.30136	2.83669	2.83669	0.540013	1.82954	1.82954	0.330413	2.65884	2.65884	0.648718	1.56294	1.56294
cg11179513	OSBPL11	0.909682	0.725751	1.17418	1.17418	0.613504	0.792784	-1.26138	0.764437	0.871957	-1.14685	0.688726	1.20152	1.20152	0.428043	1.44615	1.44615
cg17706456	TRIM6;TRIM6-TRIM34;TRIM6;TRIM6	0.9097	0.748187	0.759529	-1.31661	0.467592	0.531958	-1.87985	0.44187	0.511884	-1.95357	0.488048	0.547939	-1.82502	0.318702	0.414763	-2.41102
cg04977343	DST	0.90974	0.852388	0.927957	-1.07764	0.725278	0.867949	-1.15214	0.676574	0.845022	-1.1834	0.753776	0.881346	-1.13463	0.241111	0.611055	-1.63651
cg25851745	COL8A2	0.909749	0.912877	1.04102	1.04102	0.865145	0.939476	-1.06442	0.590196	0.818977	-1.22104	0.577632	0.813328	-1.22952	0.248431	0.642006	-1.55762
cg13443953	NECAP1;NECAP1	0.909755	0.604684	0.770649	-1.29761	0.77143	1.1564	1.1564	0.976227	1.01498	1.01498	0.870005	1.08514	1.08514	0.245522	1.83297	1.83297
cg10295800	TFAM	0.909763	0.82725	0.939995	-1.06384	0.920663	0.972187	-1.02861	0.749437	0.913268	-1.09497	0.942952	0.979941	-1.02047	0.992523	1.00266	1.00266
cg23677608	PLK4	0.909765	0.988964	1.01024	1.01024	0.564286	1.53737	1.53737	0.667224	1.3757	1.3757	0.978709	1.01985	1.01985	0.24371	0.404593	-2.47162
cg12647932	COL19A1	0.909796	0.524201	1.1885	1.1885	0.741096	1.09277	1.09277	0.916954	1.0283	1.0283	0.920184	0.973539	-1.02718	0.296669	0.748627	-1.33578
cg19523338	FOXI1;FOXI1	0.909802	0.626051	1.30173	1.30173	0.662557	1.2659	1.2659	0.909979	0.941075	-1.06261	0.490408	1.45668	1.45668	0.5167	1.42338	1.42338
cg23009079	RPL23AP7;RPL23AP7;RABL2A;RABL2A;RABL2A;RPL23AP7;RABL2A;RPL23AP7;RPL23AP7	0.909818	0.663002	1.44614	1.44614	0.38527	2.1192	2.1192	0.61424	1.53377	1.53377	0.553999	1.65539	1.65539	0.804307	1.23212	1.23212
cg08867390	STK32C	0.909844	0.922694	0.944494	-1.05877	0.309326	1.85704	1.85704	0.447202	1.5774	1.5774	0.401713	1.6569	1.6569	0.574257	0.716086	-1.39648
cg10871779	NEUROG2	0.909848	0.336043	2.80675	2.80675	0.700499	0.669973	-1.4926	0.913131	1.11964	1.11964	0.868084	1.18787	1.18787	0.274635	3.26812	3.26812
cg09461648	PITPNM1;PITPNM1	0.909856	0.229343	0.405124	-2.46838	0.728217	0.778882	-1.28389	0.580206	0.6702	-1.49209	0.415578	0.55097	-1.81498	0.395755	0.536336	-1.8645
cg10130021	SEC23A	0.909858	0.48094	1.31138	1.31138	0.854637	1.07186	1.07186	0.369746	1.41701	1.41701	0.878633	0.943819	-1.05953	0.464718	1.32519	1.32519
cg01221216	CDK2;SILV;CDK2	0.909859	0.351017	0.5199	-1.92345	0.315087	0.492672	-2.02975	0.526055	0.645441	-1.54933	0.487135	0.618091	-1.61788	0.503599	0.629678	-1.58811
cg27409761	TXNL4B;TXNL4B;DHX38;TXNL4B	0.90988	0.691765	0.921188	-1.08555	0.576785	0.890344	-1.12316	0.524815	1.14197	1.14197	0.270921	0.78968	-1.26634	0.791596	1.05607	1.05607
cg03322548	ZNF141	0.909885	0.455768	1.17058	1.17058	0.544828	0.880675	-1.13549	0.527976	0.87584	-1.14176	0.935944	1.01681	1.01681	0.846011	0.960488	-1.04114
cg03435277	NT5DC3	0.909905	0.652771	1.2477	1.2477	0.994722	0.996773	-1.00324	0.887601	1.07155	1.07155	0.366277	1.5739	1.5739	0.478036	1.42257	1.42257
cg18549036	HLTF;HLTF	0.909919	0.868041	0.939094	-1.06486	0.584808	0.811798	-1.23183	0.555886	0.798423	-1.25247	0.559971	0.800322	-1.2495	0.860657	0.935758	-1.06865
cg03770912	TTLL6	0.909928	0.904383	0.885989	-1.12868	0.187235	0.244634	-4.08773	0.808914	0.783455	-1.2764	0.805671	0.780139	-1.28182	0.435944	0.449057	-2.22689
cg17048000	SH3BP4	0.909931	0.830595	0.927789	-1.07783	0.639362	0.847801	-1.17952	0.324479	0.700496	-1.42756	0.52455	1.25307	1.25307	0.288067	0.679869	-1.47087
cg05767299	FBRSL1	0.909963	0.942486	1.04119	1.04119	0.500973	1.46536	1.46536	0.681932	1.25924	1.25924	0.833617	0.888988	-1.12487	0.744118	0.832587	-1.20108
cg00168205	CCDC64	0.910011	0.890586	0.971825	-1.02899	0.93657	0.983609	-1.01666	0.440239	0.849222	-1.17755	0.966531	1.00875	1.00875	0.767273	1.06356	1.06356
cg13807363	PLEKHA7	0.910011	0.737857	0.941734	-1.06187	0.376521	1.17608	1.17608	0.422118	1.15783	1.15783	0.437123	0.867909	-1.15219	0.496494	1.13133	1.13133
cg00958781	TMCO6	0.910027	0.299337	2.08338	2.08338	0.958562	0.965165	-1.03609	0.701295	1.30082	1.30082	0.391752	1.81986	1.81986	0.321389	2.0119	2.0119
cg11712735	PSMD8	0.910039	0.932478	1.06236	1.06236	0.613965	1.43779	1.43779	0.944623	1.05084	1.05084	?	?	?	0.426104	1.78633	1.78633
cg11845241	MIR1200;ELMO1;ELMO1;ELMO1	0.910046	0.952193	0.974648	-1.02601	0.808653	0.901304	-1.1095	0.809921	1.10872	1.10872	0.853007	1.08268	1.08268	0.828378	0.911206	-1.09745
cg08715725	STOX2	0.910066	0.431873	0.535511	-1.86738	0.912983	1.08883	1.08883	0.576718	1.55121	1.55121	0.896692	1.10643	1.10643	0.451659	0.550448	-1.8167
cg20277905	MIR124-3	0.910087	0.61657	1.12944	1.12944	0.408331	1.22618	1.22618	0.676817	1.10635	1.10635	0.372467	1.24703	1.24703	0.985223	0.995545	-1.00448
cg05022673	DST;BEND6	0.910116	0.763749	0.935512	-1.06893	0.966678	1.00928	1.00928	0.599463	1.12434	1.12434	0.905984	1.02647	1.02647	0.355531	0.810441	-1.2339
cg26989323	MAPK8IP3;MAPK8IP3	0.910165	0.717773	0.900119	-1.11096	0.7501	0.911521	-1.09707	0.69771	0.893009	-1.11981	0.242445	1.42569	1.42569	0.755458	0.913406	-1.0948
cg17154057	KCNG3;KCNG3	0.910168	0.932986	0.975372	-1.02525	0.962325	0.986092	-1.0141	0.543357	1.20009	1.20009	0.65519	1.14256	1.14256	0.530524	1.2073	1.2073
cg15644191	SGK196;SGK196	0.910183	0.959437	1.01989	1.01989	0.377314	1.42026	1.42026	0.30439	1.50974	1.50974	0.576629	1.24414	1.24414	0.517356	0.775526	-1.28945
cg18857159	ZNF394	0.91019	0.896719	1.15737	1.15737	0.518854	2.08757	2.08757	0.369799	2.81939	2.81939	?	?	?	0.577553	0.530888	-1.88364
cg15652984	NEB;NEB;NEB	0.910253	0.787034	1.14218	1.14218	0.575574	1.32006	1.32006	0.516353	1.38131	1.38131	0.633645	1.26581	1.26581	0.194159	0.509495	-1.96273
cg23877242	PHF12	0.910256	0.472587	0.779994	-1.28206	0.762768	0.902165	-1.10844	0.756881	1.11139	1.11139	0.603321	1.19517	1.19517	0.949441	1.0218	1.0218
cg21434807	C2orf65	0.910264	0.264214	0.585977	-1.70655	0.598432	0.783423	-1.27645	0.639236	0.805059	-1.24214	0.382711	0.662902	-1.50852	0.814741	0.897807	-1.11382
cg10220809	KCNJ4	0.910272	0.278189	1.236	1.236	0.932209	1.01611	1.01611	0.911656	1.02107	1.02107	0.436838	1.16072	1.16072	0.934474	1.01557	1.01557
cg01446576	COPA;NCSTN;COPA;COPA;COPA	0.910282	0.731976	0.799021	-1.25153	0.437318	1.67714	1.67714	0.435862	1.68002	1.68002	0.952948	0.962223	-1.03926	0.834662	1.14614	1.14614
cg17137203	CDK16;CDK16	0.910287	0.377901	0.579335	-1.72612	0.928839	0.947534	-1.05537	0.699979	0.791659	-1.26317	0.804333	0.860908	-1.16156	0.595279	0.723629	-1.38192
cg20957648	PJA2	0.910294	0.800757	1.31735	1.31735	0.976811	1.03219	1.03219	0.481548	2.18087	2.18087	0.69851	0.654274	-1.52841	0.931387	0.910411	-1.09841
cg01851230	CHP;EXD1	0.910308	0.583521	0.514263	-1.94453	0.943197	0.91797	-1.08936	0.900399	0.860369	-1.16229	0.333635	3.31277	3.31277	0.481544	2.36142	2.36142
cg25098497	GSG1;GSG1	0.910315	0.708481	1.1779	1.1779	0.835052	1.09515	1.09515	0.357524	1.51056	1.51056	0.993524	1.00354	1.00354	0.731254	1.16217	1.16217
cg23180938	CDO1	0.91032	0.804119	1.10428	1.10428	0.987882	1.00608	1.00608	0.763167	0.886359	-1.12821	0.764615	0.887037	-1.12735	0.96229	0.981304	-1.01905
cg03032180	C3orf21	0.910324	0.701654	0.877826	-1.13918	0.270984	0.678427	-1.474	0.792778	0.914727	-1.09322	0.545228	0.812807	-1.2303	0.55674	0.817733	-1.22289
cg03766400	DNMT3A;DNMT3A;DNMT3A	0.910332	0.437814	1.39963	1.39963	0.909848	1.04929	1.04929	0.944591	0.970906	-1.02997	0.357594	1.49466	1.49466	0.694839	1.18232	1.18232
cg13654445	NTRK2;NTRK2	0.91035	0.692053	0.863484	-1.1581	0.185665	1.67773	1.67773	0.967178	1.01529	1.01529	0.846507	1.07407	1.07407	0.736423	0.882886	-1.13265
cg14953730	INPP5A	0.910355	0.826257	0.8503	-1.17606	0.410973	1.85928	1.85928	0.296331	0.449877	-2.22283	0.829314	0.852775	-1.17264	0.772564	1.23834	1.23834
cg15308666	ZNF498;ZNF498	0.910394	0.768911	0.876907	-1.14037	0.262928	1.68267	1.68267	0.545165	1.31392	1.31392	0.645018	1.22977	1.22977	0.80659	1.11557	1.11557
cg25322211	TRIM65	0.910409	0.222145	0.722123	-1.38481	0.718448	1.09622	1.09622	0.578088	0.867136	-1.15322	0.574555	0.865963	-1.15478	0.641964	0.887977	-1.12616
cg21578644	RPH3AL	0.910424	0.903797	1.33671	1.33671	0.996527	0.989609	-1.0105	0.679552	0.369009	-2.70996	0.199842	0.0387497	-25.8066	0.933616	0.818771	-1.22134
cg16275960	CPSF6	0.910427	0.483277	0.548109	-1.82445	0.842201	1.18319	1.18319	0.739536	1.32523	1.32523	0.522239	0.578483	-1.72866	0.365816	2.19051	2.19051
cg04766136	CCDC39	0.910455	0.68835	1.10055	1.10055	0.684106	0.907372	-1.10208	0.374699	0.805325	-1.24173	0.67939	0.905964	-1.1038	0.930138	1.02105	1.02105
cg19235490	SGOL2;SGOL2;SGOL2	0.910456	0.683509	1.09219	1.09219	0.72658	1.07845	1.07845	0.81248	0.950156	-1.05246	0.667719	1.09737	1.09737	0.342502	1.23418	1.23418
cg00368055	HS3ST1	0.91046	0.994871	0.997823	-1.00218	0.618103	0.843349	-1.18575	0.68384	1.14888	1.14888	0.408128	0.750653	-1.33217	0.470758	1.28238	1.28238
cg19227511	CBFA2T2;CBFA2T2;CBFA2T2	0.910461	0.756707	1.1112	1.1112	0.992916	1.00302	1.00302	0.729094	1.1252	1.1252	0.701009	0.877311	-1.13985	0.344614	0.718726	-1.39135
cg20020143	SH3KBP1;SH3KBP1	0.910466	?	?	?	0.927607	0.816146	-1.22527	0.911933	0.780863	-1.28063	0.295217	11.6902	11.6902	0.528519	4.19601	4.19601
cg21721432	TMEM194A;TMEM194A	0.910476	0.223467	0.685624	-1.45852	0.458856	1.24928	1.24928	0.898941	1.0382	1.0382	0.669438	0.880975	-1.13511	0.897669	1.0387	1.0387
cg08898055	RASGEF1C	0.910494	0.978067	1.02109	1.02109	0.273073	0.420622	-2.37743	0.658006	1.40247	1.40247	0.591815	1.50825	1.50825	0.820446	0.841473	-1.18839
cg16417926	KDM5C;KDM5C	0.910529	0.516666	1.22344	1.22344	0.436145	0.783747	-1.27592	0.431605	0.781776	-1.27914	0.324213	0.731782	-1.36653	0.793472	0.922678	-1.0838
cg12199684	TRMT11	0.910537	0.178481	0.554183	-1.80446	0.633771	0.820217	-1.21919	0.787844	0.894602	-1.11782	0.565574	0.786758	-1.27104	0.828466	1.09373	1.09373
cg18661550	ZNRF3	0.910561	0.406043	1.4725	1.4725	0.495805	1.37002	1.37002	0.785235	1.13241	1.13241	0.829905	1.10289	1.10289	0.344315	0.641826	-1.55805
cg11208853	LOC653113	0.910575	0.561697	2.29881	2.29881	0.325356	4.22357	4.22357	0.422792	3.19474	3.19474	0.650761	1.90888	1.90888	0.769906	0.659628	-1.51601
cg06950987	RTN4R	0.910578	0.380362	3.966	3.966	0.471123	0.325484	-3.07235	0.779859	0.651144	-1.53576	0.714771	1.75415	1.75415	?	?	?
cg02909018	MCF2L;MCF2L	0.910583	0.419069	2.17781	2.17781	0.267314	2.97242	2.97242	0.348928	2.48188	2.48188	0.559102	1.74524	1.74524	0.649597	1.53907	1.53907
cg04339312	TELO2	0.910585	0.615267	1.15651	1.15651	0.267887	0.718084	-1.39259	0.681312	1.1258	1.1258	0.932544	1.02459	1.02459	0.85088	1.05549	1.05549
cg17492481	H2AFY;H2AFY;H2AFY;H2AFY	0.910596	0.731107	0.779792	-1.28239	0.961978	1.03497	1.03497	0.688566	1.33709	1.33709	0.258171	0.427112	-2.34131	0.762954	0.804046	-1.24371
cg01787047	LOC100130987;RAD9A	0.910597	0.906594	0.962598	-1.03886	0.545561	1.21976	1.21976	0.259743	1.46491	1.46491	0.608185	0.845416	-1.18285	0.87314	0.94943	-1.05326
cg20045492	GPRIN2	0.910606	0.723526	0.885034	-1.1299	0.889652	0.953388	-1.04889	0.977782	0.99047	-1.00962	0.297481	0.689782	-1.44973	0.500166	0.790316	-1.26532
cg01768981	CCNO	0.910607	0.496217	0.741832	-1.34801	0.775638	0.883811	-1.13146	0.397327	1.45443	1.45443	0.501145	1.34329	1.34329	0.725161	0.858498	-1.16482
cg01983393	SEMA3E	0.910609	0.810545	0.802073	-1.24677	0.237411	0.320875	-3.11648	0.379318	0.436795	-2.2894	0.739383	1.35881	1.35881	0.60008	0.615181	-1.62554
cg12145866	C5orf15	0.910616	0.268258	4.16844	4.16844	0.826448	0.761973	-1.31238	0.846659	0.786882	-1.27084	0.287713	3.92158	3.92158	?	?	?
cg10575089	SEPT4;SEPT4;SEPT4;SEPT4	0.910618	0.770603	0.879998	-1.13637	0.478298	1.37051	1.37051	0.613086	1.24976	1.24976	0.477146	1.37168	1.37168	0.836334	0.913526	-1.09466
cg01439854	AARS;AARS	0.910642	?	?	?	?	?	?	0.964631	0.958896	-1.04287	?	?	?	0.82871	0.814485	-1.22777
cg05229802	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BCAR1	0.910646	0.573021	0.716458	-1.39575	0.853924	0.89771	-1.11395	0.77009	0.842332	-1.18718	0.414316	1.62999	1.62999	0.71904	0.809363	-1.23554
cg24458896	MECOM	0.910666	0.817816	0.94107	-1.06262	0.997939	1.00068	1.00068	0.561084	1.16731	1.16731	0.651311	0.887134	-1.12722	0.945688	0.982227	-1.0181
cg04125223	CCDC127;SDHA	0.91067	0.403588	2.17387	2.17387	0.638186	0.650305	-1.53774	0.621449	1.57179	1.57179	0.487237	0.526627	-1.89888	0.59001	0.610055	-1.6392
cg00479269	C2orf29	0.910704	0.96807	0.989049	-1.01107	0.847314	0.948355	-1.05446	0.766845	1.08523	1.08523	0.416283	1.25676	1.25676	0.81175	1.06783	1.06783
cg09580608	GNA13	0.910708	0.407888	1.28104	1.28104	0.43384	1.2632	1.2632	0.712759	1.11425	1.11425	0.491416	1.22686	1.22686	0.3276	1.344	1.344
cg27604200	CNNM1	0.910721	0.969921	1.01289	1.01289	0.39782	0.745221	-1.34188	0.530771	0.805985	-1.24072	0.590669	1.20255	1.20255	0.513237	0.798333	-1.25261
cg05037876	SFRS8	0.91075	0.293707	1.81019	1.81019	0.531751	1.41215	1.41215	0.42069	1.56551	1.56551	0.492647	0.684098	-1.46178	0.694288	1.24014	1.24014
cg05660106	CASP9;CASP9	0.910755	0.915289	0.90181	-1.10888	0.458477	0.480339	-2.08186	0.804408	1.27254	1.27254	0.954924	1.05644	1.05644	0.919111	0.906043	-1.1037
cg13304665	ZNF280B	0.910767	0.529446	1.10144	1.10144	0.565693	1.09206	1.09206	0.78528	1.04229	1.04229	0.651424	1.07141	1.07141	0.449993	1.12383	1.12383
cg14035717	LSM4	0.91077	0.78239	1.19791	1.19791	0.411876	1.72842	1.72842	0.769567	0.825656	-1.21116	0.964241	0.971185	-1.02967	0.607217	1.40237	1.40237
cg00229232	MAP2K3	0.910805	0.934534	1.09477	1.09477	0.634286	0.589692	-1.6958	0.71112	0.663664	-1.50679	0.789888	1.34222	1.34222	0.741691	1.43985	1.43985
cg27285968	ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14;ZC3H14	0.910809	0.947108	1.04285	1.04285	0.306414	1.95355	1.95355	0.346359	1.84645	1.84645	0.84094	0.880666	-1.1355	0.474303	0.631175	-1.58435
cg07797431	NIPBL;NIPBL	0.910813	0.525831	1.13483	1.13483	0.525001	1.13513	1.13513	0.673943	1.08683	1.08683	0.947019	0.987009	-1.01316	0.390323	1.18911	1.18911
cg21422909	IFI6;IFI6;IFI6	0.910829	0.389624	0.791109	-1.26405	0.395853	1.25999	1.25999	0.403704	1.25497	1.25497	0.989532	0.996519	-1.00349	0.974981	1.00837	1.00837
cg27364319	RARG	0.91083	0.303224	0.551951	-1.81176	0.56964	0.725975	-1.37746	0.265404	0.523719	-1.90942	0.654919	0.778255	-1.28493	0.451007	0.651818	-1.53417
cg01996920	AGPAT3;AGPAT3	0.910868	0.667632	0.84222	-1.18734	0.7927	1.11037	1.11037	0.437015	1.37049	1.37049	0.596909	1.23633	1.23633	0.602558	1.23224	1.23224
cg21216100	TANC1;TANC1	0.91088	0.432972	0.63857	-1.566	0.98046	0.986366	-1.01382	0.937986	0.957322	-1.04458	0.698514	0.803991	-1.2438	0.516446	0.691594	-1.44593
cg19909063	NFIX	0.910881	0.661259	0.87095	-1.14817	0.671615	0.874918	-1.14296	0.576747	1.19327	1.19327	0.757525	1.10191	1.10191	0.696723	0.884496	-1.13059
cg22541336	PDE1C	0.910897	0.827835	1.07609	1.07609	0.276626	1.46374	1.46374	0.893137	1.04629	1.04629	0.902475	1.04214	1.04214	0.2963	1.43995	1.43995
cg14057181	CXorf57	0.910923	?	?	?	0.792812	1.61643	1.61643	0.727334	1.89455	1.89455	0.720259	1.92798	1.92798	0.305941	7.07552	7.07552
cg13443122	MXD1	0.910926	0.557303	1.97759	1.97759	0.595586	0.540411	-1.85044	0.593348	1.85752	1.85752	0.526401	2.09067	2.09067	0.853817	0.809043	-1.23603
cg19480937	RFTN1	0.91093	0.648497	1.33248	1.33248	0.508419	1.52134	1.52134	0.389019	1.73694	1.73694	0.320488	1.90031	1.90031	0.444572	1.62815	1.62815
cg16154629	PDE6H	0.910938	0.850384	0.918593	-1.08862	0.872284	1.07502	1.07502	0.575897	0.775592	-1.28934	0.86556	1.07917	1.07917	0.911248	1.05142	1.05142
cg25020666	YWHAG	0.910941	0.690137	1.32974	1.32974	0.532559	1.5676	1.5676	0.572433	0.666552	-1.50026	0.602149	1.4536	1.4536	0.500198	0.614675	-1.62688
cg00087298	RP9	0.910944	0.824482	0.903031	-1.10738	0.83729	1.09903	1.09903	0.481962	1.38844	1.38844	0.87127	0.928236	-1.07731	0.525942	0.744458	-1.34326
cg07078622	TMEM97	0.910945	0.871408	0.92255	-1.08395	0.710161	1.20414	1.20414	0.522333	1.3808	1.3808	0.341528	1.62859	1.62859	0.969696	1.01908	1.01908
cg12774746	KBTBD7	0.910978	0.491733	0.880349	-1.13591	0.715562	1.06906	1.06906	0.736743	1.06351	1.06351	0.828132	1.04047	1.04047	0.478485	0.876786	-1.14053
cg10197640	PROX2	0.91102	0.43332	0.640767	-1.56063	0.975145	1.01749	1.01749	0.876329	0.916957	-1.09056	0.659803	1.27966	1.27966	0.176549	0.449435	-2.22502
cg14155397	MAP2K1	0.911027	0.169552	0.451904	-2.21286	0.515635	0.699207	-1.43019	0.953475	0.968826	-1.03218	0.843602	1.11318	1.11318	0.620849	0.762881	-1.31082
cg27064125	ELMOD1;LOC643923;ELMOD1	0.911031	0.299952	0.723917	-1.38137	0.690991	1.12769	1.12769	0.470049	1.24738	1.24738	0.451569	0.793987	-1.25947	0.901852	1.0378	1.0378
cg06675496	ITSN2;ITSN2;ITSN2	0.911039	0.630653	1.17375	1.17375	0.539559	1.22801	1.22801	0.518801	1.24147	1.24147	0.562366	1.21373	1.21373	0.66575	0.866125	-1.15457
cg14372120	TMEM95;TMEM95	0.911061	0.560654	0.679135	-1.47246	0.571889	0.686835	-1.45595	0.378425	1.81177	1.81177	0.672495	1.32263	1.32263	0.397899	0.565955	-1.76693
cg00007269	ZNF77	0.911078	0.443768	0.862111	-1.15994	0.947121	1.01268	1.01268	0.638662	1.09404	1.09404	0.570113	0.896678	-1.11523	0.927713	1.01739	1.01739
cg15557084	SEMA6A	0.911092	0.486994	1.63423	1.63423	0.534682	1.54853	1.54853	0.94132	0.950088	-1.05253	0.588032	1.46283	1.46283	0.462428	1.68245	1.68245
cg14399078	ADPRH	0.911094	0.708133	1.07321	1.07321	0.20139	1.28853	1.28853	0.552152	1.11964	1.11964	0.693886	1.07715	1.07715	0.812464	1.04567	1.04567
cg05766943	BEND3	0.911097	0.389899	0.737597	-1.35575	0.924537	1.03327	1.03327	0.966525	1.0146	1.0146	0.391272	0.738279	-1.3545	0.952568	1.02076	1.02076
cg23261413	LOC100130987	0.911132	0.863056	0.969414	-1.03155	0.676325	0.927239	-1.07847	0.509544	1.12793	1.12793	0.86265	0.969324	-1.03165	0.581609	1.10532	1.10532
cg13470557	C20orf20	0.91114	0.40002	2.68395	2.68395	0.726136	1.49631	1.49631	0.360273	2.93838	2.93838	0.513283	2.1378	2.1378	0.410103	2.62574	2.62574

Probeset ID	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg03562565	0.517885	1.73788	1.73788	0.932168	1.07441	1.07441	0.655582	1.46004	1.46004	0.769902	1.28053	1.28053	0.38908	4.37964	10.0057	1
cg20732626	0.53507	1.7565	1.7565	0.701296	0.707783	-1.41286	0.965382	1.03969	1.03969	0.595474	1.61692	1.61692	0.38906	4.95526	11.3213	1
cg16592242	0.700843	0.676016	-1.47925	0.844274	0.819163	-1.22076	0.9189	0.901856	-1.10882	0.779764	1.32887	1.32887	0.389051	6.33894	14.483	1
cg16759204	0.454761	1.6044	1.6044	0.685455	1.28766	1.28766	0.303693	1.93759	1.93759	0.60453	1.3832	1.3832	0.389038	2.37538	5.42736	1
cg23475202	0.515187	0.86245	-1.15949	0.678511	0.910767	-1.09798	0.267268	0.771698	-1.29584	0.821873	1.05187	1.05187	0.388961	0.309767	0.707908	1
cg06903151	0.941955	0.98146	-1.01889	0.719447	1.09713	1.09713	0.778156	1.07528	1.07528	0.553611	0.857276	-1.16649	0.388953	0.406858	0.929807	1
cg06892796	0.279095	2.70601	2.70601	0.859299	1.16995	1.16995	0.640019	1.5169	1.5169	0.577527	1.64504	1.64504	0.388917	4.82013	11.0166	1
cg02064740	0.41499	1.29469	1.29469	0.219291	1.49247	1.49247	0.852244	0.943843	-1.0595	0.652098	1.15106	1.15106	0.388892	0.591791	1.35265	1
cg23496718	0.990444	0.997535	-1.00247	0.59962	0.8966	-1.11532	0.446457	1.17339	1.17339	0.198455	1.32317	1.32317	0.388835	0.261463	0.597713	1
cg12460187	0.403157	0.729982	-1.3699	0.314108	1.46666	1.46666	0.640955	0.841313	-1.18862	0.507504	1.28063	1.28063	0.388831	0.833464	1.90534	1
cg10192527	0.202712	0.660062	-1.51501	0.789273	0.920587	-1.08626	0.973245	0.989694	-1.01041	0.91047	0.96585	-1.03536	0.388754	0.587509	1.34334	1
cg25010400	0.565221	1.2988	1.2988	0.732841	1.16658	1.16658	0.482369	0.725365	-1.37862	0.983528	1.00933	1.00933	0.388707	1.24494	2.8469	1
cg06046574	0.883088	1.07645	1.07645	0.3721	1.5821	1.5821	0.494461	0.706571	-1.41529	0.541834	1.36227	1.36227	0.388688	1.54281	3.52824	1
cg21669966	0.316173	0.701786	-1.42494	0.534481	1.23983	1.23983	0.783016	1.09893	1.09893	0.439624	0.763883	-1.3091	0.38867	0.7188	1.6439	1
cg13430298	0.377038	0.775039	-1.29026	0.954352	0.984035	-1.01622	0.825521	1.06404	1.06404	0.478258	1.22469	1.22469	0.388652	0.486525	1.11273	1
cg05174924	0.304197	1.98563	1.98563	0.528383	1.50946	1.50946	0.999906	1.00008	1.00008	0.977884	1.01803	1.01803	0.388632	2.55757	5.84973	1
cg19849641	0.350044	1.53589	1.53589	0.268025	1.67311	1.67311	0.354382	1.52965	1.52965	0.911587	1.0508	1.0508	0.388594	1.22477	2.80161	1
cg18227776	0.693077	0.918397	-1.08885	0.835852	1.04553	1.04553	0.312632	0.799211	-1.25123	0.55016	0.878329	-1.13853	0.38858	0.283402	0.648291	1
cg03871549	0.719004	0.822311	-1.21608	0.93416	1.04576	1.04576	0.533137	1.40747	1.40747	0.991985	1.00545	1.00545	0.369761	1.52626	4.12768	1
cg17809380	0.538175	1.3182	1.3182	0.29056	1.62607	1.62607	0.694512	0.839496	-1.19119	0.973815	0.985557	-1.01465	0.388485	1.20881	2.76586	1
cg13677279	0.628354	1.24443	1.24443	0.598511	1.26898	1.26898	0.811943	1.11277	1.11277	0.505514	1.35377	1.35377	0.38846	1.23657	2.82957	1
cg07536704	0.590399	0.839559	-1.1911	0.362449	1.35155	1.35155	0.814546	1.07855	1.07855	0.789923	1.08973	1.08973	0.388411	0.637149	1.45813	1
cg18040892	0.393864	2.34052	2.34052	0.434655	2.17311	2.17311	0.561943	1.76996	1.76996	0.691084	1.47538	1.47538	0.388391	5.83174	13.3468	1
cg11179513	0.896031	1.06142	1.06142	0.621377	1.25481	1.25481	0.641475	0.807509	-1.23838	0.294648	0.609241	-1.64139	0.388358	1.27852	2.92632	1
cg17706456	0.474268	0.537171	-1.8616	0.914491	0.912359	-1.09606	0.543142	0.591199	-1.69148	0.266705	0.372247	-2.68639	0.388328	4.48503	10.2663	1
cg04977343	0.845276	0.924571	-1.08158	0.854987	1.0762	1.0762	0.46179	1.35082	1.35082	0.392067	0.703303	-1.42186	0.388258	0.990774	2.26831	1
cg25851745	0.969674	0.986134	-1.01406	0.497124	1.28816	1.28816	0.529523	0.791398	-1.26359	0.494699	0.775155	-1.29006	0.388242	0.829561	1.8993	1
cg13443953	0.656857	1.24989	1.24989	0.645116	1.2603	1.2603	0.446082	0.678779	-1.47323	0.613433	1.28933	1.28933	0.388231	1.53019	3.50351	1
cg10295800	0.115557	0.616085	-1.62315	0.514359	0.829261	-1.20589	0.825783	0.939492	-1.06441	0.942562	0.979805	-1.02061	0.388217	0.492896	1.12857	1
cg23677608	0.55578	1.55231	1.55231	?	?	?	0.861339	1.13749	1.13749	0.882019	1.11563	1.11563	0.364209	2.72428	6.545	1
cg12647932	0.841573	1.05501	1.05501	0.33691	0.767273	-1.30332	0.804643	1.06856	1.06856	0.639356	0.881365	-1.1346	0.388159	0.440117	1.00787	1
cg19523338	0.481453	1.46847	1.46847	0.171798	2.18384	2.18384	0.558034	1.3745	1.3745	0.624259	1.30354	1.30354	0.388149	1.77247	4.05909	1
cg23009079	0.68327	1.41211	1.41211	?	?	?	0.482172	0.547764	-1.8256	0.41193	2.02902	2.02902	0.364115	3.54526	8.51956	1
cg08867390	0.640478	1.31881	1.31881	0.587828	1.37981	1.37981	0.497821	1.49918	1.49918	0.823585	1.14038	1.14038	0.388076	2.12741	4.87285	1
cg10871779	?	?	?	0.549318	1.87482	1.87482	0.756021	1.38113	1.38113	0.700433	1.49274	1.49274	0.364063	5.38009	12.9307	1
cg09461648	0.535717	0.638109	-1.56713	0.982241	0.984182	-1.01607	0.859528	1.1353	1.1353	0.508053	0.618168	-1.61768	0.388054	3.15363	7.22381	1
cg10130021	0.432626	1.35394	1.35394	0.358471	1.42947	1.42947	0.384728	1.40105	1.40105	0.491446	1.30268	1.30268	0.388052	0.879958	2.01567	1
cg01221216	0.336576	0.509052	-1.96444	0.51047	0.634505	-1.57603	0.463528	0.601414	-1.66275	0.584153	0.686146	-1.45742	0.38805	2.85415	6.53787	1
cg27409761	0.951094	0.987444	-1.01272	0.628992	0.904573	-1.10549	0.675353	1.09065	1.09065	0.59203	1.11789	1.11789	0.388013	0.260793	0.597444	1
cg03322548	0.456764	1.17016	1.17016	0.982215	0.995389	-1.00463	0.442432	0.850118	-1.17631	0.553855	1.1322	1.1322	0.388004	0.264165	0.605184	1
cg03435277	0.349001	1.60178	1.60178	0.241348	1.82083	1.82083	0.918112	0.950989	-1.05154	0.826978	1.1129	1.1129	0.387968	1.46715	3.36144	1
cg18549036	0.752048	1.12725	1.12725	0.17866	0.582771	-1.71594	0.703895	0.865626	-1.15523	0.691863	1.16246	1.16246	0.387944	0.87745	2.01048	1
cg03770912	0.829567	1.24252	1.24252	0.536509	0.532345	-1.87848	0.643468	1.59919	1.59919	0.988438	0.98551	-1.0147	0.387929	6.23383	14.284	1
cg17048000	0.799726	1.09301	1.09301	0.853097	0.937211	-1.067	0.798987	1.09338	1.09338	0.736079	0.888389	-1.12563	0.387924	0.751923	1.72296	1
cg05767299	0.363455	0.593056	-1.68618	0.972014	0.980567	-1.01982	0.275155	1.88722	1.88722	0.815461	1.13972	1.13972	0.387868	1.92229	4.40538	1
cg00168205	0.863896	0.965002	-1.03627	0.415268	1.18875	1.18875	0.2308	1.29825	1.29825	0.881401	1.03148	1.03148	0.387783	0.264797	0.606977	1
cg13807363	0.828893	1.03944	1.03944	0.8823	0.97387	-1.02683	0.558857	1.11143	1.11143	0.923166	0.982907	-1.01739	0.387783	0.196165	0.449657	1
cg00958781	0.812554	1.17598	1.17598	0.40734	1.78313	1.78313	0.815161	0.852316	-1.17327	0.895423	1.09389	1.09389	0.387755	2.8596	6.55533	1
cg11712735	0.195132	2.65979	2.65979	0.514736	1.60258	1.60258	0.857755	1.13664	1.13664	0.971172	0.974532	-1.02613	0.368916	2.64684	7.17463	1
cg11845241	0.978789	1.01145	1.01145	0.599351	1.25489	1.25489	0.26327	1.64792	1.64792	0.305784	0.634977	-1.57486	0.387723	1.12649	2.58257	1
cg08715725	0.850752	0.863595	-1.15795	0.888668	1.11522	1.11522	0.289774	2.35242	2.35242	0.716798	1.32793	1.32793	0.387687	3.7218	8.53335	1
cg20277905	0.739485	0.92269	-1.08379	0.384082	0.806397	-1.24008	0.980204	1.006	1.006	0.601816	1.13534	1.13534	0.38765	0.356899	0.818376	1
cg05022673	0.714593	0.921988	-1.08461	0.482833	1.17085	1.17085	0.399246	1.21028	1.21028	0.605624	0.891201	-1.12208	0.3876	0.300221	0.688502	1
cg26989323	0.413071	1.27456	1.27456	0.935276	1.02383	1.02383	0.648646	0.875471	-1.14224	0.820964	0.936398	-1.06792	0.387515	0.515839	1.18324	1
cg17154057	0.697206	1.12292	1.12292	0.468338	1.24455	1.24455	0.270515	0.711652	-1.40518	0.699582	1.12184	1.12184	0.387508	0.539546	1.23764	1
cg15644191	0.927034	1.03611	1.03611	0.619815	0.823916	-1.21372	0.882593	1.0589	1.0589	0.787564	0.90068	-1.11027	0.387482	0.920453	2.11153	1
cg18857159	?	?	?	0.845173	0.802497	-1.24611	?	?	?	0.915582	0.887517	-1.12674	0.317729	4.24882	17.8299	1
cg15652984	0.996098	0.997603	-1.0024	0.974334	1.01592	1.01592	0.995527	1.00276	1.00276	0.838249	1.10555	1.10555	0.38736	1.47847	3.3927	1
cg23877242	0.259906	0.670531	-1.49135	0.625474	1.18211	1.18211	0.912166	0.963168	-1.03824	0.506509	0.795152	-1.25762	0.387356	0.709591	1.62834	1
cg21434807	0.96663	1.0194	1.0194	0.545966	0.755292	-1.32399	0.934199	1.03865	1.03865	0.531952	1.33745	1.33745	0.38734	1.29396	2.96944	1
cg10220809	0.419614	1.1676	1.1676	0.602641	1.10373	1.10373	0.271393	1.24004	1.24004	0.96229	1.00892	1.00892	0.387327	0.216582	0.497041	1
cg01446576	0.763385	1.21779	1.21779	0.763127	0.820979	-1.21806	0.2068	2.38431	2.38431	0.825234	1.15527	1.15527	0.387309	2.61257	5.99594	1
cg17137203	0.219148	0.45854	-2.18083	0.535751	1.45989	1.45989	0.931724	0.949612	-1.05306	0.950897	1.03786	1.03786	0.3873	2.23299	5.12491	1
cg20957648	0.653289	0.610895	-1.63694	0.580831	1.83652	1.83652	0.9076	1.13491	1.13491	0.189071	4.55606	4.55606	0.387288	7.28676	16.7243	1
cg01851230	0.502272	2.26565	2.26565	0.345068	3.21577	3.21577	0.814001	1.32721	1.32721	0.596778	1.89891	1.89891	0.387264	8.84844	20.3099	1
cg25098497	0.448634	1.40018	1.40018	0.385992	0.678814	-1.47316	0.766552	1.13858	1.13858	0.397571	1.45877	1.45877	0.387251	1.16547	2.67519	1
cg23180938	0.357282	1.45924	1.45924	0.448286	1.36135	1.36135	0.328126	1.4962	1.4962	0.393691	1.41731	1.41731	0.387244	0.977267	2.24324	1
cg03032180	0.319551	0.70594	-1.41655	0.391496	0.742883	-1.34611	0.758879	1.10985	1.10985	0.860057	0.942009	-1.06156	0.387236	0.702869	1.61342	1
cg03766400	0.840924	0.918174	-1.08912	0.275874	1.61851	1.61851	0.978975	0.988868	-1.01126	0.595984	0.796679	-1.25521	0.387221	1.10667	2.54043	1
cg13654445	0.886665	1.05399	1.05399	0.412732	1.36175	1.36175	0.999263	0.99966	-1.00034	0.772544	0.898651	-1.11278	0.38719	0.833647	1.91384	1
cg14953730	0.776298	1.23386	1.23386	0.691724	0.745279	-1.34178	0.487372	1.68287	1.68287	0.680708	1.35693	1.35693	0.387182	3.33684	7.66068	1
cg15308666	0.885348	1.06644	1.06644	0.705904	0.844486	-1.18415	0.574635	0.776602	-1.28766	0.438351	1.42254	1.42254	0.387113	1.21876	2.79852	1
cg25322211	0.316367	0.768868	-1.30061	0.667886	0.896265	-1.11574	0.716719	0.911686	-1.09687	0.660815	0.894012	-1.11855	0.387088	0.394694	0.906356	1
cg21578644	0.621162	3.30567	3.30567	0.567051	0.249412	-4.00943	0.715985	0.416038	-2.40362	0.562896	4.07099	4.07099	0.38706	35.3127	81.0961	1
cg16275960	?	?	?	?	?	?	0.88037	0.880648	-1.13553	0.774214	1.27473	1.27473	0.345446	3.03074	10.0268	1
cg04766136	0.471374	0.840217	-1.19017	0.674474	0.904494	-1.10559	0.508091	1.17297	1.17297	0.487922	1.18229	1.18229	0.387006	0.346091	0.794913	1
cg19235490	0.459007	1.17611	1.17611	0.439955	0.84413	-1.18465	0.556948	0.880022	-1.13634	0.84747	1.0423	1.0423	0.387004	0.283704	0.651624	1
cg00368055	0.761546	1.10868	1.10868	0.528161	0.805212	-1.24191	0.488527	0.787782	-1.26939	0.586649	1.20454	1.20454	0.386998	0.704304	1.6177	1
cg19227511	0.979863	1.0086	1.0086	0.913506	0.963808	-1.03755	0.287149	0.687305	-1.45496	0.374826	0.734147	-1.36212	0.386995	0.705526	1.62052	1
cg20020143	?	?	?	0.790116	0.550559	-1.81634	0.664924	0.376701	-2.65462	0.784484	1.8466	1.8466	0.335504	19.6689	50.25	1
cg21721432	0.772069	0.917863	-1.08949	0.525502	0.82709	-1.20906	0.881785	1.04489	1.04489	0.647309	0.872907	-1.1456	0.386969	0.533657	1.22584	1
cg08898055	0.468709	0.571373	-1.75017	0.765624	0.796943	-1.2548	0.988006	1.01148	1.01148	0.490109	1.70274	1.70274	0.386938	3.53243	8.11484	1
cg16417926	0.837997	0.939139	-1.0648	0.533623	0.824177	-1.21333	0.727854	1.1131	1.1131	0.875415	0.953016	-1.0493	0.386877	0.576418	1.32438	1
cg12199684	0.808668	1.10536	1.10536	0.928862	0.963801	-1.03756	0.632596	1.22004	1.22004	0.798366	1.11149	1.11149	0.386863	1.04465	2.40028	1
cg18661550	0.724324	1.17492	1.17492	0.534905	0.751204	-1.3312	0.703403	0.840183	-1.19022	0.879432	1.07154	1.07154	0.386821	1.26958	2.91741	1
cg11208853	0.382714	3.5605	3.5605	0.634767	0.507195	-1.97163	0.998025	1.00352	1.00352	0.877359	0.803264	-1.24492	0.386796	12.3283	28.3314	1
cg06950987	0.441682	3.32409	3.32409	0.624364	2.12899	2.12899	0.709402	1.77387	1.77387	0.601577	2.24031	2.24031	0.367971	12.1444	33.0038	1
cg02909018	0.637997	1.56323	1.56323	0.328046	2.59013	2.59013	0.621405	1.59884	1.59884	0.570649	1.71645	1.71645	0.386782	5.44376	12.5107	1
cg04339312	0.938486	1.02239	1.02239	0.437596	1.2551	1.2551	0.616695	0.865187	-1.15582	0.58492	1.17149	1.17149	0.386778	0.504387	1.15918	1
cg17492481	0.588266	1.48303	1.48303	?	?	?	0.839049	1.15793	1.15793	0.541814	1.56093	1.56093	0.367938	2.69285	7.31876	1
cg01787047	0.601595	0.842759	-1.18658	0.461344	0.783849	-1.27576	0.872665	0.949244	-1.05347	0.889109	1.04635	1.04635	0.386757	0.646006	1.48472	1
cg20045492	0.723786	1.12976	1.12976	0.875258	1.0555	1.0555	0.554246	1.22838	1.22838	0.426073	1.32241	1.32241	0.386741	0.724172	1.66444	1
cg01768981	0.987918	1.00657	1.00657	0.353525	0.66192	-1.51076	0.771112	1.13438	1.13438	0.827173	1.09912	1.09912	0.386741	1.14436	2.63021	1
cg01983393	0.651388	0.658544	-1.5185	0.975027	0.971661	-1.02917	0.623902	0.635175	-1.57437	0.638442	1.54441	1.54441	0.386736	5.16593	11.8736	1
cg12145866	0.732759	1.52853	1.52853	0.740402	1.50926	1.50926	0.9858	0.97821	-1.02228	0.771154	1.43485	1.43485	0.367904	7.93764	21.5753	1
cg10575089	0.830675	1.09815	1.09815	0.855466	0.923374	-1.08298	0.227597	1.73982	1.73982	0.490014	1.35877	1.35877	0.38672	1.17084	2.69121	1
cg01439854	0.865626	0.851837	-1.17393	?	?	?	0.910894	0.899445	-1.1118	0.328993	2.62354	2.62354	0.275622	2.06924	9.00902	1
cg05229802	0.257042	0.500286	-1.99886	0.846303	0.892597	-1.12033	0.942934	1.0428	1.0428	0.572958	1.39583	1.39583	0.386671	2.09926	4.82583	1
cg24458896	0.265088	1.35761	1.35761	0.430888	1.23568	1.23568	0.905846	0.969333	-1.03164	0.539847	0.849274	-1.17748	0.386636	0.42429	0.975456	1
cg04125223	0.810233	0.803677	-1.24428	0.397406	2.19736	2.19736	0.733915	0.733461	-1.3634	0.878708	0.870452	-1.14883	0.38663	5.0543	11.6202	1
cg00479269	0.146985	1.5344	1.5344	0.640629	1.13807	1.13807	0.884646	1.04074	1.04074	0.680611	1.12059	1.12059	0.386571	0.463282	1.06528	1
cg09580608	0.581857	1.1767	1.1767	0.876126	0.955387	-1.0467	0.28866	1.38024	1.38024	0.746019	1.09975	1.09975	0.386563	0.524034	1.205	1
cg27604200	0.553676	1.2257	1.2257	0.455117	1.29488	1.29488	0.741034	0.893457	-1.11925	0.850112	0.937759	-1.06637	0.38654	0.706385	1.62441	1
cg05037876	0.856869	1.10337	1.10337	0.509821	1.43948	1.43948	0.558824	1.38002	1.38002	0.777427	1.16697	1.16697	0.386489	1.81709	4.17913	1
cg05660106	0.177184	4.0277	4.0277	0.832595	1.22826	1.22826	0.6703	0.659695	-1.51585	0.917773	0.904559	-1.10551	0.38648	5.77507	13.2824	1
cg13304665	0.287266	1.18243	1.18243	0.837956	1.03154	1.03154	0.273122	1.18884	1.18884	0.774702	0.957409	-1.04449	0.386459	0.140783	0.323813	1
cg14035717	0.55118	1.48179	1.48179	0.325011	0.51539	-1.94028	0.855166	0.887661	-1.12656	0.494719	1.57178	1.57178	0.386453	2.60333	5.98796	1
cg00229232	0.177301	4.85624	4.85624	0.555669	0.518463	-1.92878	0.945791	1.07782	1.07782	0.984124	1.02217	1.02217	0.386393	7.43292	17.0993	1
cg27285968	0.687041	0.774045	-1.29191	0.712639	1.26358	1.26358	0.835433	0.876734	-1.1406	0.874395	1.10522	1.10522	0.386385	2.44738	5.63026	1
cg07797431	0.486511	1.14927	1.14927	0.182953	1.32056	1.32056	0.825968	1.04428	1.04428	0.767375	1.06011	1.06011	0.386378	0.236925	0.545061	1
cg21422909	0.503108	1.19796	1.19796	0.56308	1.16812	1.16812	0.665096	1.12273	1.12273	0.677532	1.11756	1.11756	0.38635	0.432264	0.994523	1
cg27364319	0.392588	0.613796	-1.62921	0.90649	0.93661	-1.06768	0.966703	1.02354	1.02354	0.821833	0.881884	-1.13394	0.386349	1.90036	4.37224	1
cg01996920	0.877117	0.940346	-1.06344	0.338379	1.48036	1.48036	0.968144	1.016	1.016	0.2833	1.55756	1.55756	0.386281	0.966659	2.22442	1
cg21216100	0.874123	0.914966	-1.09294	0.258968	0.516775	-1.93508	0.487534	1.48492	1.48492	0.552896	0.714269	-1.40003	0.386262	1.92208	4.42321	1
cg19909063	0.61754	0.854058	-1.17088	0.925197	0.971001	-1.02987	0.24517	0.683221	-1.46365	0.535939	1.21703	1.21703	0.386259	0.600725	1.38243	1
cg22541336	0.503065	1.25712	1.25712	0.459471	1.28864	1.28864	0.414202	1.3245	1.3245	0.518318	1.24668	1.24668	0.386231	0.693425	1.59588	1
cg14057181	?	?	?	0.76299	1.73651	1.73651	0.782384	0.603407	-1.65726	0.537556	0.318856	-3.13621	0.334695	13.0465	33.4116	1
cg13443122	0.279492	0.274799	-3.63902	0.690947	0.631845	-1.58267	0.761485	1.41872	1.41872	0.814595	0.763468	-1.30981	0.38618	8.07299	18.582	1
cg19480937	0.510174	1.51863	1.51863	0.275887	2.03178	2.03178	0.755089	1.21617	1.21617	0.528729	1.49058	1.49058	0.386174	2.39248	5.50696	1
cg16154629	0.287006	0.608271	-1.644	0.347973	0.647581	-1.54421	0.490932	1.36973	1.36973	0.919903	1.04627	1.04627	0.386159	1.23662	2.84654	1
cg25020666	0.874272	0.893496	-1.1192	0.935493	1.05926	1.05926	0.26058	2.30359	2.30359	0.836194	1.15863	1.15863	0.386154	3.09299	7.11977	1
cg00087298	0.496102	0.728082	-1.37347	0.463311	1.40888	1.40888	0.380943	1.51084	1.51084	0.713125	1.18479	1.18479	0.386148	1.28955	2.96847	1
cg07078622	0.355135	0.622912	-1.60536	0.984984	0.990678	-1.00941	0.519052	0.722321	-1.38443	0.787375	1.144	1.144	0.386148	1.51444	3.48616	1
cg12774746	0.859455	0.968174	-1.03287	0.235135	1.25492	1.25492	0.751917	1.05958	1.05958	0.923688	1.01764	1.01764	0.38609	0.203634	0.468823	1
cg10197640	0.902466	0.93403	-1.07063	0.69289	0.801743	-1.24728	0.764042	0.845705	-1.18245	0.546591	0.712032	-1.40443	0.386015	1.89453	4.36259	1
cg14155397	0.899424	0.933667	-1.07105	0.422163	0.640785	-1.56059	0.58798	0.743108	-1.3457	0.905671	0.937678	-1.06646	0.386003	1.80127	4.14797	1
cg27064125	0.637365	1.15351	1.15351	0.868482	0.951377	-1.05111	0.644536	1.14997	1.14997	0.896226	1.04003	1.04003	0.385995	0.553025	1.27353	1
cg06675496	0.925545	0.969563	-1.03139	0.288905	0.694851	-1.43916	0.869394	0.947034	-1.05593	0.739201	0.895399	-1.11682	0.385981	0.668514	1.53954	1
cg14372120	0.809649	0.853249	-1.17199	0.667343	0.752496	-1.32891	0.476455	0.62118	-1.60984	0.966336	0.972627	-1.02814	0.385943	2.64363	6.08871	1
cg00007269	0.798876	0.95264	-1.04972	0.27515	0.805942	-1.24078	0.761361	1.05959	1.05959	0.536307	1.12637	1.12637	0.385913	0.220701	0.508349	1
cg15557084	0.686809	1.32564	1.32564	0.828508	1.16285	1.16285	0.179281	2.69698	2.69698	0.486829	1.63455	1.63455	0.385888	2.95614	6.80942	1
cg14399078	0.573848	0.898735	-1.11268	0.659487	0.920064	-1.08688	0.730662	1.06708	1.06708	0.890279	0.9744	-1.02627	0.385884	0.215747	0.496977	1
cg05766943	0.960653	1.01719	1.01719	0.299748	1.44952	1.44952	0.653125	0.855323	-1.16915	0.76311	0.900847	-1.11007	0.38588	0.729288	1.67994	1
cg23261413	0.909918	0.979841	-1.02057	0.46055	0.873558	-1.14474	0.30586	0.826331	-1.21017	0.594379	1.10154	1.10154	0.385819	0.197824	0.455767	1
cg13470557	0.517719	2.12033	2.12033	0.330896	3.15734	3.15734	0.377684	2.82165	2.82165	0.543677	2.02262	2.02262	0.385805	8.02476	18.4889	1

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(111 vs. N)	Fold-Change(111 vs. N)	Ratio(112 vs. N)	Fold-Change(112 vs. N)	Ratio(121 vs. N)	Fold-Change(121 vs. N)	Ratio(121 vs. N)	Fold-Change(21 vs. N)	p-value(347 vs. N)	Ratio(347 vs. N)	p-value(477 vs. N)	Ratio(477 vs. N)	p-value(537 vs. N)	Ratio(537 vs. N)	Fold-Change(537 vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563 vs. N)	Ratio(563 vs. N)	Fold-Change(563 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg26475419	LRP12;RPI2	0.91114	0.367053	0.709645	-1.26001	1.620536	0.19256	1.13256	0.8006	1.06516	0.563295	1.1569	0.1569	0.439539	1.2173	1.2173	0.958019	1.01357	1.01357	0.995011	1.24234	1.24234	0.543652	1.1657	1.1657	0.864426	0.958271	1.043455	0.385804	0.380133	0.875822	1
cg00582308	HSD3B7;HSD3B7;HSD3B7	0.91143	0.321972	0.637882	-1.56769	0.741444	1.15661	1.15661	0.319128	1.57213	1.57213	0.904501	1.05416	1.05416	0.595743	0.790343	-1.26527		0.936009	0.96533	-1.03592	0.638525	1.216	1.216	0.621677	1.24431	1.24431	0.99761	0.998685	-1.00132	0.385799	1.17986	2.71843	1
cg15884510	CDL6A1 HCFC1R1;HCFC1R1;THOC6;HCFC1R1;T	0.91181	0.406412	0.783879	-1.27571	0.869491	0.95395	-1.04827	0.383975	0.774198	-1.29166	0.471087	0.810431	-1.23391	0.954215	1.0166	1.0166		0.928178	1.02618	1.02618	0.237279	0.7012	-1.42613	0.519798	0.829392	-1.2057	0.711776	0.899069	-1.11226	0.385733	0.502136	1.15713	1
cg01241624	HOC6	0.91182	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.883086	0.823603	-1.21418	?	?	?	0.702025	0.693904	-1.44112	0.09674	0.274888	7.25164	1
cg22857726	NAPA	0.91196	0.960128	1.03254	1.03254	0.99845	1.00125	1.00125	0.813346	1.16378	1.16378	0.272785	0.480974	-1.20771	0.813908	1.13908	1.13908		0.61016	1.39008	1.39008	0.300496	1.98836	1.98836	0.709021	1.27139	1.27139	0.839251	0.878007	-1.13894	0.385706	2.50635	5.77606	1
cg01234929	RRM1	0.91204	0.414433	0.827705	-1.20816	0.97561	1.00695	1.00695	0.929096	1.02038	1.02038	0.875943	0.965208	-1.03605	0.955008	0.987293	-1.01287		0.260124	0.766248	-1.30506	0.419913	0.829617	-1.20538	0.990074	1.00282	1.00282	0.519112	1.15968	1.15968	0.385691	0.313842	0.723301	1
cg01408811	ELFN2	0.91246	0.905863	1.04315	1.04315	0.832524	1.07854	1.07854	0.737469	1.12764	1.12764	0.951259	1.022307	1.02307	0.974114	0.988481	-1.01165		0.304787	1.46149	1.46149	0.16696	1.69231	1.69231	0.917031	0.963476	-1.03791	0.973814	1.01179	1.01179	0.385617	0.778554	1.79488	1
cg05124575	NR1H3;ACP2;ACP2	0.91254	0.698583	0.876041	-1.14115	0.365064	0.728673	-1.37236	0.503805	0.25952	1.25952	0.885606	0.95222	-1.05018	0.953732	0.01993	0.01993		0.903486	0.959582	-1.04212	0.395112	0.743628	-1.34476	0.938304	1.02668	1.02668	0.145887	1.32636	1.32636	0.385603	0.706424	1.62844	1
cg05670093	TOLLIP	0.91277	0.473355	1.41313	1.41313	0.28776	1.68769	1.68769	0.341312	1.59195	1.59195	0.383472	1.5277	1.5277	0.762724	1.1544	1.1544		0.77975	1.14218	1.14218	0.502796	1.38054	1.38054	0.477796	1.40808	1.40808	0.922881	0.955124	-1.04698	0.385563	1.37304	3.16545	1
cg07156855	SPTJ32	0.91327	0.587712	1.1891	1.1891	0.731636	1.14599	1.14599	0.515005	1.69588	1.69588	0.629433	-1.58873	0.715901	1.1226	1.1226	0.96357	1.01056	1.01056	1.01383	1.11383	1.11383	0.727983	0.895407	-1.11681	0.784605	1.11364	1.09763	0.999061	-1.00094	0.385475	0.611165	1.40912	1
cg08640609	CAMTA1	0.91364	0.930415	0.93142	-1.07133	0.44638	0.542101	-1.84467	0.692812	0.731084	-1.36783	0.867323	1.141	1.141	0.875875	1.13124	1.13124		0.536456	0.610283	-1.63858	?	?	?	0.491366	1.73566	1.73566	0.389084	2.00635	2.00635	0.366586	3.21181	8.76141	1
cg16638472	PAG1	0.91408	0.985548	1.00792	1.00792	0.895183	1.05905	1.05905	0.541316	0.764027	-1.30885	0.543794	1.30665	1.30665	0.643894	0.812031	-1.23148		0.560558	1.29107	1.29107	0.359596	1.51182	1.51182	0.469658	1.37738	1.37738	0.61837	0.801808	-1.24808	0.385336	1.15628	2.66729	1
cg01034168	RASA3	0.91408	0.984376	1.0057	1.0057	0.552463	1.19063	1.19063	0.691915	0.890803	-1.12258	0.628919	0.868165	-1.15185	0.699135	0.893372	-1.11935		0.522339	0.82841	-1.20713	0.231264	1.43987	1.43987	0.91717	1.03066	1.03066	0.893235	1.03975	1.03975	0.385333	0.514395	1.18661	1
cg20482521	SORCS3	0.91436	0.557734	1.22191	1.22191	0.3951	1.34236	1.34236	0.942091	1.00319	1.00319	0.714497	0.883201	-1.13225	0.458779	1.29048	1.29048		0.658904	0.860558	-1.16204	0.308797	1.42772	1.42772	0.512727	1.21342	1.21342	0.727972	1.12529	1.12529	0.385284	0.697322	1.60879	1
cg09215152	PPP2R1B;PPP2R1B	0.91441	0.967253	1.02482	1.02482	1.39755	1.39755	?	?	?	?	?	?	0.726665	1.2353	1.2353	0.608651	1.3048	1.3048	1.35038	1.35038	1.35038	0.41289	0.62067	1.61681	1.64802	1.64802	0.364174	1.75328	1.75328	0.315546	1.20793	5.1041	1
cg16544736	ZBTB22;ZBTB22	0.91461	0.653746	1.28917	1.28917	0.834865	1.1246	1.1246	0.334489	1.75056	1.75056	0.961037	1.02786	1.02786	0.965284	0.975813	-1.02479		0.780772	1.16994	1.16994	0.306193	0.551027	-1.81479	0.491189	0.674791	-1.48194	0.974313	0.982051	-1.01828	0.38524	1.93082	4.4551	1
cg00276502	ATXN1;ATXN1	0.91504	0.60733	1.24226	1.24226	0.597305	1.0213	1.0213	0.56174	1.38452	1.38452	0.660559	0.782487	-1.27798	0.407208	0.624638	-1.60093		0.924991	0.949075	-1.05366	0.811393	0.876999	-1.14025	0.970985	1.73208	1.73208	0.49537	0.680958	-1.46852	0.385164	1.87928	4.53704	1
cg07885779	ZNF143	0.91526	0.91436	0.97969	-1.02073	0.244003	1.26175	1.26175	0.912351	1.18203	1.18203	0.990399	0.997257	-1.00323	0.883016	0.972306	-1.02848		0.969737	0.99279	-1.00726	0.465309	1.15219	1.15219	0.972271	0.993392	-1.00685	0.410576	1.17419	1.17419	0.385162	0.221935	0.512189	1
cg24041977	CERK	0.91514	0.643938	1.15141	1.15141	0.603522	0.85324	-1.172	0.287725	1.39705	1.39705	0.77716	0.917637	-1.08976	0.60415	1.17167	1.17167		0.936052	0.975986	-1.02461	0.493125	1.23471	1.23471	0.655368	1.14577	1.14577	0.560376	0.836643	-1.19525	0.385146	0.559733	1.29182	1
cg08602013	C11orf82;PRCP;PRCP	0.91519	0.837112	1.11455	1.11455	0.899348	1.19595	1.19595	0.752089	1.24102	1.24102	0.862636	1.09536	1.09536	0.852138	1.03031	1.03031		0.896614	1.07076	1.07076	0.602075	0.794646	1.11364	1.11364	0.470522	1.47123	1.47123	0.386138	1.68727	3.89417	1
cg16233920	CSPG5	0.91522	0.86611	0.884953	-1.13	0.252614	2.37618	2.37618	0.405459	1.85238	1.85238	0.859911	0.879899	-1.13649	0.557531	1.5349	1.5349		0.736543	1.27707	1.27707	0.592124	0.675903	-1.47951	0.601361	1.46522	1.46522	0.881696	0.897755	-1.11389	0.385132	3.19979	7.38515	1
cg01113285	ENPP4	0.91525	0.612238	1.16064	1.16064	0.677255	1.04017	1.04017	0.746453	0.937697	-1.06644	0.652689	1.1249	1.1249	0.912723	0.818278	-1.22208		0.49277	0.870988	-1.14813	0.563196	1.03788	1.03788	0.852108	0.932088	-1.08507	0.502752	0.873832	-1.14448	0.385124	0.933963	0.553556	1
cg13627416	IPO11;IPO11	0.91529	0.790111	0.750551	-1.33235	0.687578	1.54503	1.54503	?	?	?	?	?	0.538303	0.51107	1.95668			0.709433	0.668481	-1.49593	0.858612	0.825501	-1.21139	0.375244	2.67097	2.67097	0.549026	1.520414	-1.92155	0.339092	4.72782	13.9426	1
cg12179661	EFTUD2;ENTPD8	0.91557	0.409382	0.573445	-1.74506	0.310703	0.500479	-1.99808	0.989006	0.990949	-1.00913	0.841192	0.875998	-1.14156	0.991488	0.560243	-1.78494		0.692221	0.769084	-1.30025	0.512355	0.645001	-1.55038	0.427601	0.586028	-1.7064	0.693637	1.29858	1.29858	0.385053	2.65577	6.13081	1
cg22762189	MSGN1	0.91587	0.861343	1.10913	1.10913	0.774063	1.39423	1.39423	0.992473	1.0056	1.0056	0.860789	1.17202	1.17202	0.448846	0.632768	-1.58036		0.753021	1.12491	1.12491	0.562095	0.707188	1.26901	1.26901	0.482012	0.6542	-1.52858	0.538018	2.1403	4.9413	1
cg07451084	GNPDA2	0.91598	?	?	?	?	?	?	?	?	?	?	?	0.446347	0.650849	-1.53646			0.780772	1.16994	1.16994	0.306193	0.551027	-1.81479	0.491189	0.674791	-1.48194	0.974313	0.982051	-1.01828	0.38524	1.93082	4.4551	1
cg14200364	MSH4	0.91621	0.526748	1.26827	1.26827	0.493354	1.34318	1.34318	0.670355	1.04278	1.04278	0.382883	1.33203	1.33203	0.778423	1.12861	1.12861		0.371559	1.40489	1.40489	0.167695	1.89296	1.89296	0.714844	1.35838	1.35838	0.27028	1.53011	1.53011	0.384959	0.837119	1.91295	1
cg04515839	ZNF250;ZNF250;ZNF250;ZNF250	0.91624	0.74178	1.0792	1.0792	0.746699	1.03705	1.03705	0.797002	1.06122	1.06122	0.389815	1.22523	1.22523	0.693955	0.912873	1.09544		0.443702	0.832993	-1.20049	0.545017	0.868318	-1.15165	0.474948	1.18231	1.18231	0.566778	1.14278	1.14278	0.384953	0.329333	0.747988	1
cg11335203	ACOT7;ACOT7;ACOT7;ACOT7	0.91637	0.944964	0.957735	-1.04413	0.138913	2.70846	2.70846	0.660138	1.31889	1.31889	0.538084	1.47692	1.47692	0.849236	1.12641	1.12641		0.972609	0.978752	-1.02171	0.81593	0.86428	-1.15703	0.896977	0.922165	-1.0844	0.974423	0.980145	-1.02026	0.38493	2.38535	5.50831	1
cg07165432	DNER	0.91643	0.337763	1.45165	1.45165	0.689348	1.10595	1.10595	0.152089	2.14102	2.14102	0.462636	1.09536	1.09536	0.852138	1.03031	1.03031		0.896614	1.07076	1.07076	0.602075	0.794646	1.11364	1.11364	0.470522	1.47123	1.47123	0.386138	1.68727	3.89417	1
cg15320955	KIF26B	0.91644	0.573778	1.48943	1.48943	0.414689	1.79399	1.79399	0.456348	1.70192	1.70192	0.528608	1.56438	1.56438	0.832139	1.16042	1.16042		0.802537	1.192	1.192	0.20747	2.53892	2.53892	0.445562	1.72473	1.72473	0.487062	1.64043	1.64043	0.384925	2.99536	6.91704	1
cg09574010	FUK	0.91652	0.458285	1.16064	1.16064	0.677255	1.04017	1.04017	0.746453	0.937697	-1.06644	0.652689	1.1249	1.1249	0.912723	0.818278	-1.22208		0.49277	0.870988	-1.14813	0.563196	1.03788	1.03788	0.852108	0.932088	-1.08507	0.502752	0.873832	-1.14448	0.385124	0.933963	0.553556	1
cg02996583	SLC45A4	0.91655	0.696762	1.22946	1.22946	0.669896	1.25383	1.25383	0.716868	1.21181	1.21181	0.982299	0.988366	-1.01177	0.833327	0.894797	1.11757		0.943851	0.963526	-1.03785	0.402885	1.57075	1.57075	0.161846	2.19888	2.19888	0.952126	0.968825	-1.03218	0.384898	1.69621	3.91725	1
cg23667362	PNPO;PNPO	0.91664	0.142723	0.675141	-1.48117	0.815151	1.06013	1.06013	0.628096	1.12943	1.12943	0.816249	0.943612	-1.05976	0.965984	0.989423	-1.01069		0.665936	0.807352	-1.11439	0.989169	0.996621	-1.00339	0.962136	1.01191	1.01191	0.760477	0.926591	-1.07932	0.884603	0.379002	0.875306	1
cg03170611	LOC148189	0.91678	0.379673	1.16064	1.16064	0.677255	1.04017	1.04017	0.746453	0.937697	-1.06644	0.652689	1.1249	1.1249	0.912723	0.818278	-1.22208		0.49277	0.870988	-1.14813	0.563196	1.03788	1.03788	0.852108	0.932088	-1.08507	0.502752	0.873832	-1.14448	0.385124	0.933963	0.553556	1
cg06961071	LRRC41;UQCRH	0.91752	0.957778	0.979181	-1.02126	0.896727	1.05296	1.05296	0.909475	0.955807	-1.04624	0.861237	1.072	1.072	0.901661	0.952064	-1.05035		0.943851	0.963526	-1.03785	0.402885	1.57075	1.57075	0.161846	2.19888	2.19888	0.952126	0.968825	-1.03218	0.384898	1.69621	3.91725	1
cg15503488	KCNB1	0.91754	?	?	?	?	1.30444	1.30444	0.403553	1.88888	1.88888	0.871124	0.818213	-1.22278	0.313883	0.67825	-1.47495		0.719866	0.64207	-1.55713	0.564093	1.07271	1.07271	0.644397	1.05585	1.05585	0.852115	1.25437	1.25437	0.626253	0.724903	1.53462	1
cg03211864	BTBD16	0.91776	0.26541	0.524128	-1.90545	0.857224	1.10246	1.10246	0.960657	1.02123	1.02123	0.485942	0.681492	-1.46737	0.419116	0.639453	1.56384		0.805272	0.70394	-1.07394	0.381705	0.615123	-1.62569	0.967523	1.02355	1.02355	0.265577	0.630653	1.70684	0.384756	1.30063	0.344714	1.78746	4.12995	1
cg21577547	TMEM57;TMEM57	0.91765	0.67411	0.888577	-1.12539	0.643271	1.13913	1.13913	0.622027	1.14889	1.14889	0.505251	0.827927	-1.20784	0.552769	1.18262	1.18262		0.583523	0.827274	-1.20879	0.350106	1.30819	1.30819	0.791062	0.928518	-1.07698	0.896734	0.964381	-1.03694	0.384704	0.475349	1.09833	1
cg17385497	MED16	0.91784	0.819854	1.08954	1.08954	0.917599	1.14054	1.14054	0.603853	1.08888	1.08888	0.88888	0.871124	-1.14756	0.818213	-1.22278	0.313883	0.67825	1.47495		0.719866	0.64207	-1.55713	0.564093	1.07271	1.07271	0.644397	1.05585	1.05585	0.852115	1.25437	1.25437	0.626253	0.724903	1.53462	1
cg03211864	BTBD16	0.91776	0.26541	0.524128	-1.90545	0.857224	1.10246	1.10246	0.960657	1.02123	1.02123	0.485942	0.681492	-1.46737	0.419116	0.639453	1.56384		0.805272	0.70394	-1.07394	0.381705	0.615123	-1.62569	0.967523	1.02355	1.02355	0.265577	0.630653	1.70684	0.384756	1.30063	0.344714	1.78746	4.12995	1
cg21577547	TMEM57;TMEM57	0.91765	0.67411	0.888577	-1.12539	0.643271	1.13913	1.13913	0.622027	1.14889	1.14889	0.505251	0.827927	-1.20784	0.552769	1.18262	1.18262		0.583523	0.827274	-1.20879	0.350106	1.30819	1.30819	0.791062	0.928518	-1.07698	0.896734	0.964381	-1.03694	0.384704	0.475349	1.09833	1
cg17385497	MED16	0.91784	0.819854	1.08954	1.08954	0.917599	1.14054	1.14054	0.603853	1.08888	1.08888	0.88888	0.871124	-1.14756	0.818213	-1.22278	0.313883	0.67825	1.47495		0.719866	0.64207	-1.55713	0.564093	1.07271	1.07271	0.644397	1.05585	1.05585	0.852115	1.25437	1.25437	0.626253	0.724903	1.53462	1
cg20863698	NCL	0.91179	0.762383	1.0674	1.0674	0.496189	1.16024	1.16024	0.560696	1.15594	1.15594	0.902692	1.02666	1.02666	0.687458	1.16378	1.16378		0.211879	1.32695	1.32695	0.705529	0.921586	-1.08509	0.793782	0.945206	-1.05797	0.696159	1.08808	1.08808	0.4666	0.281891	0.651406	1
cg16573701	ISD	0.91793	0.520529	1.27251	1.27251	0.786174	1.08674	1.08674	0.742319	1.13517	1.13517	0.682816	1.16822	1.16822	0.588922	0.838499	1.20437	1.20437		0.644928	0.794663	-1.25855	0.474641	0.860141	-1.1626	0.807916	0.950575	-1.05198	0.655072	0.909472	1.09965	0.384653	0.1966	0.511268	1
cg15909801	ATXN10;ATXN10 R3GAT1;TRIM47;TRIM7;TRIM7;TRIM7;TRI	0.91835	0.505054	1.43456	1.43456	0.298316	1.77745	1.77745	0.619534	0.765641	-1.3061	0.784566	1.15743	1.15743	?	?	?		0.772683	0.856818	-1.16711	?	?	?	0.675268	1.25206	1.25206	0.979034	1.01412	1.01412	0.342966	1.20256	4.00727	1
cg05021796	M7;TRIM7	0.91849	0.382506	0.374559	-2.66981	0.965133	0.9532	-1.0491	0.987293	1.01761	1.01761	0.471112	2.23411	2.23411	0.994663	1.00462	1.00462		0.801223	0.758347	-1.31866	0.558627	0.5228	-1.91278	0.353965	2.84537	2.84537	0.072667	1.77268	1.77268	0.384557	7.32268	16.9261	1
cg11200414	RPS6KC1;RPS6KC1	0.91851	0.360203	0.461781	-2.16553	0.520915	0.585983	-1.70653	0.865714	0.870209	-1.14915	0.665753	0.69978	-1.42902	0.333761	0.440922	-2.26798		0.271053	0.390155	-2.56309	0.48251	0.556395	-1.79729	0.615544	0.65975	-1.51573	0.948452	1.05454	1.05454	0.384553	4.01912	9.49816	1
cg10021935	ELMO1;BSGAT1 LRRFIP1;LRRFIP1;LRRFIP1;LRRFIP1;LRRFI	0.91866	0.794144	1.1195	1.1195	0.374063	1.34368	1.34368	0.645093	1.20685	1.20685	0.96254	1.00448	1.00448	0.931936	1.01936	1.01936		0.420878	1.42613	1.42613	0.148154	1.38562	1.38562	0.233882	1.31984	1.31984	0.236125	1.13484	1.13484	0.623396	1.15279	0.586426	1.37472	1.70727	0.384219	0.888263	1.12579	0.623396	1
cg16787624	P1	0.91868	0.290527	0.560825	-1.78309	0.517286	0.707384	-1.41366	0.45262	0.668004	-1.497	0.249422	0.530072	-1.88654	0.50459	0.69974	-1.4291		0.803207	0.876638	-1.14072	0.685801	0.806979	-1.23919	0.503311	0.698067	-1.43068	0.582933	0.746458	-1.33966	0.384532	1.69328	3.9143	1
cg15032638	NCOA4;NCOA4;NCOA4	0.91881	0.61862	1.20838	1.20838	0.968246	1.01513	1.01513	0.201663	0.601382	-1.66284	0.732844	1.13795	1.13795	?	?	?		0.818173	1.09073	1.09073	0.713191	1.1494	1.1494	0.782767	0.901008	-1.10987	0.890777	1.05319	1.05319	0.365673	0.732292	2.00259	1
cg04538289	PDE2A;PDE2A;PDE2A;PDE2A	0.91913	0.938653	1.05146	1.05146	0.605229	0.711821	-1.40485	0.830762	0.869767	-1.14973	0.445949	0.853548	-1.17139	0.665945	1.60947	1.60947		0.333536	1.91603	1.91603	0.375568	1.80914	1.80914	0.622218	1.38232	1.38232	0.815136	0.8584	-1.16496	0.384443	2.58767	5.98308	1
cg20129113	BRSK2	0.91914	0.528329	1.19084	1.19084	0.661406	1.14284	1.14284	0.583383	0.642165	-1.55715	0.425125	0.64048	-1.56151	0.435651	0.694789	1.4405	1.4405	0.459357	0.593817	-1.68402	0.876618	1.1248	1.1248	0.594791	1.0905	1.0905	0.974711	-1.02594	0.538522	0.66514	-1.50344	0.384442	0.29184	0.67945	0.93585	1
cg23144435	CD247;CD247	0.91922	0.611244	1.56091	1.56091	0.158024	3.71013	3.71013	0.806271	1.23791	1.23791	0.538684	1.71721	1.71721	0.716267	1.37308	1.37308		0.491724	1.83419	1.83419	0.498231	1.81171	1.81171	0.532855	1.73098	1.73098	0.553285	1.6836	1.6836	0.384427	4.59384	10.6221	1
cg00492968	KCNB1	0.91937	0.703087	1.2379	1.2379	0.848256	0.89087	-1.11224	0.966184	1.02082	1.02082	0.914625	1.04151	1.04151	0.530924	0.702949	-1.42258		0.813382	0.876936	-1.14033	0.164423	0.438779	-2.27905	0.643262	1.29675	1.29675	0.189383	0.928437	-1.07708	0.384189	1.87732	4.34125	1
cg00032701	EVSL;EVSL PTCH1;PTCH1;PTCH1;PTCH1;PTCH1;PT	0.91958	0.431494	0.557722	-1.79526	0.756411	0.797095	-1.25456	0.678104	1.35554	1.35554	0.95436	1.0426	1.0426	0.932612	0.510611	1.95844		0.485332	0.595138	1.68028	0.503087	0.609603	-1.64041	0.401928	0.535134	1.86869	0.731437	1.28544	1.28544	0.384364	2.33165	7.47822	1
cg13461040	CH1;PTCH1	0.91977	0.98643	0.994582	-1.00545	0.438253	0.77681	-1.28732	0.724166	0.89299	-1.11983	0.54839	1.21409	1.21409	0.329615	0.725152	-1.37902		0.947262	1.02135	1.02135	0.440118	1.28594	1.28594	0.979605	0.991868	-1.0082	0.678999	1.14217	1.14217	0.384332	0.621083	1.43645	1
cg19025736	PPP1R15B	0.91981	0.321251	2.65013	2.65013	0.359137	0.407903	-2.45156	0.940102	1.07409	1.07409	0.895626	1.13295	1.13295	0.767931	0.754711	-1.32501		0.421952	2.1818	2.1818	0.848271	0.834865	-1.19981	0.641886	1.56116	1.56116	0.948424	0.940331	-1.06346	0.384324	5.50543	12.7333	1
cg13569328	OLFM1;OLFM1	0.91985	0.347581	1.35981	1.35981	0.645434	1.15833	1.15833	0.742584	1.12533	1.12533	0.850354	1.18584	1.18584	0.449939	1.18218	1.18218	0.644248	0.617213	1.61273	1.61273		0.234619	1.83813	1.83813	0.460971	1.95311	1.95311	0.474733	1.64205	1.64205	0.474429	1.44726	1.44726	0.384316	1.60908	0.83621	1
cg24584002	RNASEH1	0.91996	0.989623	1.00513	1.00513	0.617784	1.21889	1.21889	0.751882	0.882675	-1.13292	0.890235	1.05583	1.05583	0.716615	1.15423	1.15423		0.195398	1.71397	1.71397	0.979382	1.01022	1.01022	0.518697	1.29359	1.29359	0.364612	1.44275	1.44275	0.384298	0.942268	2.17949	1
cg04911695	LRRC27;LRRC27 COL13A1;COL13A1;COL13A1;COL13A1;	0.91997	0.912016	0.919777	0.96748	-1.0344	0.864137	1.05918	1.05918	0.820879	0.926698	-1.0791	0.555396	1.22168	1.82168	0.88668	1.34506	1.34506		0.208094	1.56133	1.56133	0.508151	0.931049	-1.07406	0.7815	1.09783	1.09783	0.384261	0.685793	1.5864	1
cg13680337	COL13A1;COL13A1;COL13A1;COL13A1	0.91998	0.988422	0.991979	-1.00809	0.207948	0.478588	-2.08948	0.736474	1.20619	1.20619	0.992268	1.00539	1.00539	0.978007	0.984816	-1.01542		0.526242	0.700176	-1.42821	0.586311	0.737134	-1.3566	0.646796	0.774086	-1.29185	0.553968	1.39414	1.39414	0.384255	1.87477	4.33687	1
cg02128139	ZBTB9;ZBTB9	0.92002	0.930437	1.10542	1.10542	0.564378	0.511748	-1.95409	0.643922	0.585761	-1.70718	0.867256	0.825269	-1.21173	0.87633	1.19576	1.19576		0.811746	1.31516	1.31516	0.904792	0.871658	-1.14724	0.353083

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg14967987	HTT	0.91305	0.583356	1.44525	1.43325	0.473057	1.60677	1.60677	0.481874	1.59124	1.59124	0.764643	1.21555	1.482569	0.89998	1.59003	1.590033	1.59003	0.50714	1.54853	1.54853	0.186285	1.4856	1.4856	0.472536	1.6077	1.6077	0.7119166	1.27256	0.382414	2.55763	0.94468	1
cg24297695	DUSP2	0.91308	0.568197	0.875835	-1.14177	0.497034	1.17173	1.17173	0.574574	0.877786	-1.13923	0.784529	1.06502	1.06502	0.648765	0.899968	-1.11115	0.899968	0.990999	0.997411	-1.0026	0.483633	0.840969	-1.17776	0.34327	0.798996	-1.25157	0.460483	0.841387	-1.18581	0.382378	3.31991	0.743674	1
cg14998790	RBBP9	0.91309	0.817495	1.02582	1.02582	0.788831	1.03005	1.03005	0.413338	1.09662	1.09662	0.807401	1.0273	1.0273	0.97974	1.0028	1.0028	0.653265	0.951352	-1.05114	0.702759	1.04319	1.04319	0.354103	0.900193	-1.11087	0.392129	0.907836	-1.10152	0.382356	0.0736574	0.171236	1
cg22139671	DENR	0.91314	0.454873	0.865347	-1.15561	0.53581	1.1205	1.1205	0.747303	0.940379	-1.0634	0.799379	0.9675	1.034105	0.965581	-1.03565	0.965581	1.03565	0.159308	0.777166	-1.29674	0.833576	0.960812	-1.04079	0.750148	0.941104	-1.06258	0.753084	1.06179	1.06179	0.382724	0.218556	0.53082	1
cg12861651	TRMT61A	0.91314	0.291066	1.39941	1.39941	0.890647	0.957959	-1.04389	0.880391	0.954074	-1.04834	0.283294	1.41631	1.41631	0.903261	1.01568	1.01568	0.38525	1.3204	1.3204	0.568089	1.19706	0.736526	1.1112	1.1112	0.982949	0.99335	-1.00662	0.389272	0.590222	1.37243	1
cg12781547	LSM10	0.91318	0.750609	0.917917	-1.08942	0.279042	0.739119	-1.35296	0.735097	0.912819	-1.09551	0.587997	0.8613607	-1.18526	0.324672	0.760949	-1.31415	0.760949	0.394161	0.791023	-1.26419	0.833043	0.944879	-1.05834	0.940045	0.767891	-1.30227	0.59802	0.86683	-1.15363	0.382242	0.436756	1.01566	1
cg24917104	SMTNL2;SMTNL2	0.91316	0.224814	0.606869	-1.6478	0.447777	0.738543	-1.35402	0.536382	1.27796	1.27796	0.976574	0.9885564	-1.01157	0.735705	0.875715	-1.14192	0.598083	0.81189	-1.23169	0.77819	1.11697	1.11697	0.786925	0.899304	-1.11197	0.707432	0.862696	-1.15916	0.382238	0.928081	2.16033	1
cg22525212	TNNI2	0.91351	0.318374	0.449582	-2.22476	0.557589	0.631036	1.58467	0.252524	0.895422	-2.52891	0.379675	0.4968804	-2.01287	0.467268	0.563161	-1.77569	0.684639	0.728357	-1.37295	0.591069	0.65637	-1.52353	0.647081	0.618232	-1.61751	0.716854	0.753729	-1.32674	0.382238	3.64784	0.483	1
cg26836577	CAL8	0.91378	0.690797	0.939257	-1.06407	0.686159	1.06574	1.06574	0.822097	1.03593	1.03593	0.639896	1.07665	1.07665	0.726325	1.21463	1.21463	1.21463	0.721781	0.945502	-1.05764	0.329595	1.17081	1.17081	0.731337	1.05551	1.05551	0.976516	1.00462	1.00462	0.202707	0.148707	0.343844	1
cg20249041	C17orf63;C17orf63	0.91386	0.746133	1.08368	1.08368	0.295183	1.3081	1.3081	0.513066	0.8486551	-1.17834	0.678911	1.10847	1.10847	0.469595	0.8335933	-1.19963	0.891225	1.03443	1.03443	0.925762	0.977207	-1.02332	0.988052	0.996302	-1.00371	0.478601	1.19508	1.19508	0.382194	0.370486	0.861659	1
cg00578252	DSCP1;DSCP1	0.91386	0.847398	0.892725	-1.12045	0.697634	0.994431	-1.00558	0.833202	0.949538	2.861	0.688598	0.58911	1.69748	?	?	?	?	0.395823	1.34167	1.34167	?	?	?	0.939846	0.851058	1.25932	1.25932	0.430672	5.81899	15.1172	1
cg12586596	MFSD5;MFSD5	0.91395	0.602321	1.30136	1.30136	0.698056	1.21557	1.21557	0.375697	1.57888	1.57888	0.892773	0.934738	-1.06982	0.353607	1.61535	1.61535	0.962522	1.02379	1.02379	0.479074	0.69701	-1.4347	0.967382	1.02067	1.02067	0.478614	1.43526	1.43526	0.376263	1.4606	3.01922	1
cg21446343	ARVCF	0.91319	0.845215	0.979074	-1.08936	0.88312	0.97516	1.06454	0.873996	0.932862	-1.07196	0.899663	1.05855	1.05855	0.909052	1.17943	1.17943	1.17943	0.528351	0.755096	-1.32376	0.418883	0.926009	-1.08004	0.698189	0.843139	-1.18604	0.966124	1.01877	1.01877	0.382155	1.16041	2.69925	1
cg13535327	FOXO3	0.91319	0.414964	1.47392	1.47392	0.607043	1.27317	1.27317	0.598201	1.28084	1.28084	0.828313	0.903834	-1.1064	0.616259	1.26521	1.26521	0.597546	1.03716	1.03716	0.842583	0.911589	-1.09699	0.640271	1.24498	1.24498	0.188229	1.91383	1.91383	0.382134	1.31171	3.0552	1
cg21657265	PTCH1	0.91323	0.227094	0.340525	-2.93665	0.889864	1.12491	1.12491	0.567773	0.612271	-1.63326	0.450827	1.59203	1.92069	0.800781	1.23961	1.23961	0.602281	0.639706	-1.56307	0.954241	0.90251	-1.10496	0.824253	1.20798	1.20798	0.815792	0.82017	-1.21926	0.382141	0.36746	10.1599	1
cg00030860	DNAJB12;DNAJB12	0.91329	0.958423	0.967676	-1.0334	0.947812	0.959582	-1.04212	0.833466	1.14287	1.14287	0.655405	1.32734	1.32734	0.542042	1.47553	1.47553	1.47553	0.983168	1.01339	1.01339	0.19457	2.42099	2.42099	0.173405	1.20756	1.20756	0.382099	2.404	5.59249	1
cg00688900	GGNBP2	0.91347	0.77864	1.40005	1.40005	0.451728	0.400297	-2.49815	0.903743	1.15543	1.15543	0.237362	4.38493	4.38493	0.558434	2.0272	2.0272	?	?	?	0.945023	1.08584	1.08584	0.751247	1.46193	1.46193	0.879952	1.19778	1.19778	0.363251	7.29199	20.0742	1
cg26930584	LIM-LIM	0.91327	0.932382	0.969823	-1.03207	0.939615	1.02006	1.02006	0.824251	0.925042	-1.08627	0.767049	1.11686	1.11686	0.297128	0.668895	1.495	1.495	0.818839	1.09277	1.09277	0.576618	0.811622	1.2321	0.616986	1.20637	1.20637	0.297706	0.669241	1.49423	0.382043	0.83742	1.9484	1
cg08642016	FRMD5;FRMD5	0.91375	0.295264	0.732685	-1.36495	0.947812	0.969584	1.03204	0.630948	0.865373	-1.15557	0.956425	0.9837008	-1.01656	0.713725	0.8951151	-1.11713	0.815964	0.932316	-1.0726	0.367266	1.32104	1.32104	0.954888	1.01715	1.53865	1.02582	1.02582	0.382035	0.546766	1.27217	1
cg00506498	EEF2K	0.91377	0.896818	0.947606	-1.05529	0.379409	1.45358	1.45358	0.700085	1.17416	1.17416	0.478675	1.34817	1.34817	0.570446	1.26851	1.26851	0.771228	1.12855	1.12855	0.27013	1.59833	1.59833	0.361679	1.47539	1.47539	0.465446	1.36086	1.36086	0.382031	1.041	2.42215	1
cg21225130	C9orf37;C9orf37;EHMT1;EHMT1	0.91287	0.677608	0.815347	-1.22647	0.752222	1.18758	1.18758	0.677001	0.922713	-1.0785	0.569045	0.7598818	-1.31614	0.507106	0.8025	1.24597	1.24597	0.458281	0.6804	-1.4484	0.506268	1.0592	1.0592	0.753307	0.727456	-1.37465	0.308833	0.597922	1.67246	0.382014	1.44256	0.35963	1
cg15544402	SF3B14	0.91384	0.931304	0.860117	0.867111	-1.12776	0.979422	0.982572	-1.01774	0.597427	1.43803	1.43803	0.429718	1.73232	0.280144	0.465212	-2.14956	0.49325	1.60688	1.60688	0.817274	0.854055	-1.17088	0.840484	1.14725	1.14725	0.683203	1.32271	1.32271	0.383983	2.81091	6.54411	1
cg26207663	STIP1	0.91337	0.879347	0.945616	1.05749	0.972036	0.984724	1.01602	0.955183	1.05141	1.05141	0.865451	1.08516	1.08516	0.780638	1.06908	1.06908	1.06908	0.279618	0.76597	-1.30555	0.207063	0.760684	0.760684	0.698189	0.845139	-1.18504	0.966124	1.01877	1.01877	0.382155	1.16041	2.69925	1
cg09516144	C16orf63	0.91337	0.833755	1.0632	1.0632	0.914003	0.968995	-1.032	0.530177	1.20371	1.20371	0.659335	1.13808	1.13808	0.799141	0.928353	1.07718	0.864849	0.951544	-1.05092	0.642982	0.872756	-1.1458	0.182964	0.662319	-1.50985	0.849071	0.945967	1.05712	0.381926	0.514206	1.19676	1
cg02787772	DPYSL2;DPYSL2	0.91337	0.411328	0.751957	-1.32986	0.461764	1.28948	1.28948	0.751521	1.11382	1.11382	0.867667	0.944981	-1.05822	0.872281	0.946867	-1.05611	1.0961	0.678225	0.782506	-1.27862	0.742772	0.678225	0.782964	-1.2772	0.387114	1.35099	1.35099	0.381907	0.69653	1.62118	1
cg08204162	PEBP4	0.91335	0.580209	1.07256	1.07256	0.80251	1.17535	1.17535	0.703848	0.851793	-1.23184	0.760804	0.9163503	-1.09133	0.882092	1.13242	1.13242	1.13242	0.680719	0.90004	-1.11107	0.630537	1.14855	1.14855	0.885381	0.710038	1.40913	1.34459	0.381551	0.528911	0.0822609	0.239874	1
cg26880200	NOTCH3	0.91362	0.8434	0.08169	1.08169	0.635502	1.20873	1.20873	0.965899	1.01712	1.01712	0.99841	0.999209	-1.00079	0.853283	0.929137	-1.07627	0.839127	0.922467	-1.08405	0.352552	1.462	1.462	0.248836	0.619669	-1.61376	0.656178	0.837027	-1.1947	0.38168	0.95336	2.2191	1
cg27755604	TNX8	0.91394	0.610466	0.874506	-1.1435	0.828052	1.18356	1.18356	0.814483	0.84398	1.06338	0.946929	0.9519922	-1.05055	0.562631	1.16097	1.16097	1.16097	0.792961	0.919445	-1.08762	0.733407	0.97407	-1.02602	0.882483	0.935424	-1.06951	0.755353	1.31691	1.31691	0.38506	0.841994	0.995123	1
cg21259837	ARL8B;ARL8B	0.91398	0.8528	1.18011	1.18012	0.913999	1.10112	1.10112	0.75507	0.756516	-1.32185	0.546115	1.72403	1.72403	0.581138	1.64357	1.64357	1.64357	0.36491	0.43596	-2.2936	0.364477	0.421287	-2.37168	0.6112	1.57969	1.57969	0.923135	1.08888	1.08888	0.381816	1.8077	11.1926	1
cg06573956	GPR116;GPR116	0.91398	0.351461	1.20207	1.20207	0.88977	0.973735	-1.02697	0.703132	0.929146	-1.07626	0.818963	0.956952	-1.04498	0.277314	1.24216	1.24216	1.24216	0.980315	0.995276	-1.00475	0.647134	1.09249	1.09249	0.553385	0.891431	-1.12179	0.93512	1.01575	1.01575	0.381759	0.22273	0.518606	1
cg03774724	CTNNA2;CTNNA2	0.91399	0.853329	1.16045	1.16045	0.577708	1.18424	1.18424	0.624691	1.13165	1.13165	0.550262	1.39561	1.39561	0.731405	1.73242	1.73242	1.73242	0.965228	1.02433	1.02433	0.89561	1.626	1.626	0.575711	1.63955	1.63955	0.788074	1.88315	1.88315	0.381726	1.08066	0.858175	0.42824	1
cg21605176	ADPRH	0.91344	0.945754	1.05532	1.05532	0.293283	1.36948	1.36948	0.25925	0.387878	-2.57813	0.808241	1.21216	1.21216	0.831254	0.844628	-1.18395	0.935518	1.06612	1.06612	0.966845	0.969414	-1.03155	0.937771	0.940085	-1.06373	0.683809	1.38266	1.38266	0.381742	1.38562	8.31486	1
cg03525237	CDC42;CTD9	0.91348	0.583048	1.10966	1.10966	0.623107	1.04734	1.04734	0.884707	0.918802	-1.08706	0.653401	0.8347097	-1.19802	0.556562	1.21283	1.21283	1.21283	0.396313	1.1463	1.1463	0.200401	1.01475	1.01475	0.967087	1.01344	1.01344	0.814814	1.35352	1.35352	0.382038	0.374547	0.71505	1
cg17372494	KHK;KHK;KHK;KHK	0.91346	0.282622	1.2401	1.2401	0.555325	1.12186	1.12186	0.426587	1.16938	1.16938	0.757246	1.06158	1.06158	0.479486	1.14862	1.14862	0.444735	1.16203	1.16203	0.845087	1.03843	1.03843	0.380749	1.18921	1.18921	0.800539	0.952375	-1.05001	0.381704	0.224552	0.523015	1
cg10096645	KCTD17;KCTD17	0.91371	0.510434	0.561606	-1.78061	0.816739	1.22215	1.22215	0.859496	1.16547	1.16547	0.471924	0.513135	-1.88205	0.35122	0.437924	2.2835	0.908965	0.905875	-1.10391	0.465987	1.89869	1.89869	0.560068	0.600942	-1.66405	0.705576	1.38822	1.38822	0.381688	4.51495	10.5146	1
cg19817882	LEFTY1	0.91373	0.454587	1.20196	1.20196	0.802351	1.23217	1.23217	0.683972	1.17074	1.17074	0.758048	0.885834	1.13888	0.323966	0.76707	1.30372	1.30372	0.877822	1.06221	1.06221	0.500519	1.30771	1.30771	0.874038	0.939654	-1.06422	0.563066	0.799457	1.25858	1.38676	0.939444	2.16692	1
cg26153096	C1orf210;C1orf210	0.91379	0.489012	0.721	-1.38696	0.833692	0.90678	-1.1028	0.793211	0.884909	-1.13006	0.859668	1.08585	1.08585	0.398041	0.668502	-1.49588	0.462368	0.705964	-1.4165	0.220644	0.549201	-1.82083	0.782945	0.879394	-1.13715	0.789503	1.13261	1.13261	0.381673	1.30933	3.04933	1
cg27265032	CP110	0.91383	0.42005	0.78553	-1.27326	0.733857	1.24202	1.24202	0.534883	1.30973	1.29973	0.265393	1.64461	1.64461	0.657131	1.21668	1.21668	1.21668	0.646629	1.209	1.209	0.922635	1.64135	1.64135	0.661369	1.20997	1.20997	0.381674	1.17978	1.17978	0.333129	1.55315	1.65315	0.382074	1.20997	0.39874	1
cg13641837	RBBP4;RBBP4;RBBP4;ZBTB8OS	0.91354	0.924763	1.02854	1.02854	0.395994	0.771853	-1.29558	0.912683	1.03322	1.03322	0.811248	0.679826	-1.47097	0.99871	1.00046	1.00046	1.00046	0.73081	0.90493	-1.10559	0.343259	0.74761	-1.3376	0.662814	0.877474	-1.13963	0.818227	0.93386	-1.07082	0.381629	0.536443	1.24948	1
cg19645451	ARID5B	0.91359	0.535968	1.10925	1.10925	0.980557	1.00404	1.00404	0.708984	0.939861	-1.06399	0.251647	1.21912	1.21912	0.593526	0.914731	-1.09322	0.761187	0.950822	-1.05172	0.952599	1.00988	1.00988	0.5197	1.11401	1.11401	0.681266	0.933958	-1.07071	0.381567	0.165393	0.385296	1
cg18884557	CUX1;CUX1;CUX1	0.91342	0.805031	1.08515	1.08515	0.733957	1.09355	1.09355	0.623	1.14535	1.14535	0.645505	0.8413663	-1.18857	0.595155	1.21668	1.21668	1.21668	0.80043	1.07031	1.07031	0.618546	0.80355	1.2321	0.808676	1.05771	1.05771	0.694224	0.912662	-1.0957	0.999795	0.998782	-1.00122	0.381561	0.0231328	0.753187	1
cg01458484	TUBB	0.91358	0.925611	0.952616	-1.04974	0.563338	0.718084	-1.35486	0.717457	0.827872	-1.20792	0.945581	0.965139	-1.03612	0.711285	1.21319	1.21319	1.21319	0.171182	1.21364	1.21364	0.740274	1.18877	1.18877	0.840492	0.90055	-1.11043	0.864003	0.914743	1.0932	0.381493	1.63255	3.80388	1
cg22554448	ATP5J	0.91353	0.824641	1.08593	1.08593	0.732112	1.08708	1.08708	0.320454	0.764801	-1.30805	0.810952	1.23312	1.23312	0.848897	1.06151	1.06151	1.06151	0.914743	1.09404	1.09404	0.443477	0.892727	1.1207	0.796809	0.883883	-1.1321	0.624884	0.837605	1.17599	1.17599	0.381552	0.28813	0.0.0.0	1
cg19765491	ARID5B	0.91359	0.535968	1.10925	1.10925	0.980557	1.00404	1.00404	0.708984	0.939861	-1.06399	0.251647	1.21912	1.21912	0.593526	0.914731	-1.09322	0.761187	0.950822	-1.05172	0.952599	1.00988	1.00988	0.5197	1.11401	1.11401	0.681266	0.933958	-1.07071	0.381567	0.165393	0.385296	1
cg18884557	CUX1;CUX1;CUX1	0.91342	0.805031	1.08515	1.08515	0.733957	1.09355	1.09355	0.623	1.14535	1.14535	0.645505	0.8413663	-1.18857	0.595155	1.21668	1.21668	1.21668	0.80043	1.07031	1.07031	0.618546	0.80355	1.2321	0.808676	1.05771	1.05771	0.694224	0.912662	-1.0957	0.999795	0.998782	-1.00122	0.381561	0.0231328	0.753187	1
cg01458484	TUBB	0.91358	0.925611	0.952616	-1.04974	0.563338	0.718084	-1.35486	0.717457	0.827872	-1.20792	0.945581	0.965139	-1.03612	0.711285	1.21319	1.21319	1.21319	0.171182	1.21364	1.21364	0.740274	1.18877	1.18877	0.840492	0.90055	-1.11043	0.864003	0.914743	1.0932	0.381493	1.63255	3.80388	1
cg22554448	ATP5J	0.91353	0.824641	1.08593	1.08593	0.732112	1.08708	1.08708	0.320454	0.764801	-1.30805	0.810952	1.23312	1.23312	0.848897	1.06151	1.06151	1.06151	0.914743	1.09404	1.09404	0.443477	0.892727	1.1207	0.796809	0.883883	-1.1321	0.624884	0.837605	1.17599	1.17599	0.381552	0.28813	0.0.0.0	1
cg19576789	RASGRP3;RASGRP3;RASGRP3	0.91387	0.507464	0.725637	-1.3781	0.241148	0.556992	-1.79536	0.604086	0.779198	-1.28337	0.633597	0.795303	-1.25738	0.571116	0.761097	-1.31389	0.659366	0.80932	-1.23561	0.396918	0.657532	-1.52084	0.327125	0.617256	-1.62007	0.505247	0.724386	-1.38048	0.381482	1.37431	3.20227	1
cg18884557	CUX1;CUX1;CUX1	0.91342	0.805031	1.08515	1.08515	0.733957	1.09355	1.09355	0.623	1.14535	1.14535	0.645505	0.8413663	-1.18857	0.595155	1.21668	1.21668	1.21668	0.80043	1.07031	1.07031	0.618546	0.80355	1.2321	0.808676	1.05771	1.05771	0.694224	0.912662	-1.0957	0.999795	0.998782	-1.00122	0.381561	0.0231328	0.753187	1
cg01458484	TUBB	0.91358	0.925611	0.952616	-1.04974	0.563338	0.718084	-1.35486	0.717457	0.827872	-1.20792	0.945581	0.965139	-1.03612	0.711285	1.21319	1.21319	1.21319	0.171182	1.21364	1.21364	0.740274	1.18877	1.18877	0.840492	0.90055	-1.11043	0.864003	0.914743	1.0932	0.381493	1.63255	3.80388	1
cg22554448	ATP5J	0.91353	0.824641	1.08593	1.08593	0.732112	1.08708	1.08708	0.320454	0.764801	-1.30805	0.810952	1.23312	1.23312	0.848897	1.06151	1.06151	1.06151	0.914743	1.09404	1.09404	0.443477	0.892727	1.1207	0.796809	0.883883	-1.1321	0.624884	0.837605	1.17599	1.17599	0.381552	0.28813	0.0.0.0	1
cg19576789	RASGRP3;RASGRP3;RASGRP3	0.91387	0.507464	0.725637	-1.3781	0.241148	0.556992	-1.79536	0.604086	0.779198	-1.28337	0.633597	0.795303	-1.25738	0.571116	0.761097	-1.31389	0.659366	0.80932	-1.23561	0.396918	0.657532	-1.52084	0.327125	0.617256	-1.62007	0.505247	0.724386	-1.38048	0.381482	1.37431	3.20227	1
cg21046041	UPF1;UPF3	0.91407	0.357369	1.37161	-1.2696	0.974839	0.863195	-1.16137	0.819728	0.959495	-1.06448	0.423851	0.799419	-1.25471	0.382481	0.792583	-1.26182	0.80433	1.07031	1.07031	0.618546	0.80355	1.2321	0.808676	1.05771	1.05771	0.694224	0.912662	-1.0957	0.999795	0.998782	-1.00122	0.381561	0.0231328	0.753187	1
cg20621571	BLCAP;BLCAP;BLCAP;BLCAP	0.91362	0.727584	1.06222	1.06222	0.400522	0.861924	1.16019	0.539738	0.861924	1.16019	0.539738	0.861924	1.16019	0.539738	0.861924	1.16019	0.539738	0.536071	0.897455	-1.11426	0.274436	0.827203	-1.21696	0.915336	0.981849	-1.01849	0.820452	1.0403	1.0403	0.381437	0.80811	0.419722	1
cg07535477	PRPF40B;PRPF40B	0.91363	0.40114	1.51501	1.51501	0.566376	0.755642	-1.32338	0.807064	0.888449	-1.12556	0.582705	0.764543	-1.30797	0.671545	0.813686	-1.22898	0.773219	1.1499	1.1499	0.332788	0.61695	-1.62088	0.616678	1.1763	1.1763	0.832745	0.902823	-1.10764	0.381435	1.41169	3.28978	1
cg14580772	EPHC1	0.91364	0.245496	2.75408	2.75408	0.577708	1.18424	1.18424	0.624691	1.13165	1.13165	0.550262	1.39561	1.39561	0.731405	1.73242	1.73242	1.73242	0.965228	1.02433	1.02433	0.89561	1.626	1.626	0.575711	1.63955	1.63955	0.788074	1.88315	1.88315	0.381726	1.08066	0.858175	0.42824	1
cg20180059	WDR47;WDR47;WDR47	0.91365	0.538713	1.15511	1.15511	0.572667	1.14117	1.14117	0.891394	1.03155	1.03155	0.33194	1.26097	1.26097	0.436273	1.202	1.202	1.202	0.672483	0.906192	-1.10352	0.473268	0.844528	-1.18409	0.737836	1.06902	1.06902	0.937223	0.985918	-1.01842	0.381369	0.324148	0.75552	1
cg04262421	KLRAQ1;KLRAQ1;KLRAQ1;KLRAQ1	0.91365	0.725084	0.955184	-1.04868	0.234843	0.848031	-1.1792	0.414459	0.895466	-1.11576	0.919855	1.03141	1.03141	0.660466	1.06026	1.06026	1.06026	0.652037	0.945678	-1.06193	0.749101	1.04039	1.04039	0.649116	0.941162	-1.06252	0.575579	0.927856	-1.07775	0.381369	0.10585	0.240723	1
cg07519721	SPG21;SPG21;SPG21;SPG21	0.91369	0.385825	2.59866	2.59866	0.695861	0.507712	-1.52042	2.45674	2.45674	0.865978	1.19708	1.19708	0.559113	1.88031	1.88031	1.88031	1.88031	0.784169	0.746365	-1.33983	0.683576	1.53505	1.53505	0.844518	1.22661	1.22661	0.479748	1.46304	1.46304	0.381662	2.15841	0.36187	0.63694	11.397	1
cg08394355	BAT2 MECOM;MECOM;MECOM;MECOM;M	0.91373	0.460698	1.48667	1.48667	0.569016	0.737936	-1.35513	0.729036	1.20514	1.20514	0.354481	1.65358	1.65358	0.637518	1.26583	1.26583	1.26583	0.356839	1.64929	1.64929	0.464958	0.934312	-1.25895	0.931458	0.955571	-1.04649	0.959107	1.02744	1.02744	0.381329	1.68357	3.92444	1
cg16455008	ECOM;MECOM;MECOM	0.91368	0.387009	0.833148	-1.20027	0.472218	1.16245	1.16245	0.574356	1.12392	1.12392	0.88186	1.03109	1.03109	0.591571	0.894487	-1.11796	0.344017	1.22221	1.22221	0.970793	1.00757	1.00757	0.766629	1.06319	1.06319	0.994763	0.99865	-1.00135	0.381313	0.255941	0.596632	1
cg00549463	HES2	0.91372	0.979767	0.633645	-1.57857	0.962184	0.919261	-1.08783	0.957894	0.930555	-1.09828	0.413327	0.2265511	-4.4148	0.471296	0.2738882	-3.65121	0.779377	0.607355	-1.64648	0.96734	1.07541	1.07541	0.232665	0.92268	0.92268	0.984182	0.965411	-1.03

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Probeset ID	UCSC_REFGENE_NAME EPAS1|MLH3,MLH1,MLH1;MLH1;MLH1;EP	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1121 vs. N)	Fold-Change(1121 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)
cg10769891	M2AIP1	0.91519	0.503008	0.852314	-1.17328	0.845237	1.04702	1.04702	0.490543	0.848197	-1.17897	0.676558	0.906076	-1.10366	0.7566	0.929514	-1.07583	0.597306	0.8822	-1.13353	0.287596	1.29638	1.29638	0.856683	0.956662	-1.0453	0.698454	1.09584	1.09584	0.378624	0.314439	0.778113	1
cg26684601	2PH3	0.915239	0.722814	1.22979	1.22979	0.908245	1.06925	1.06925	0.445831	1.57041	1.57041	0.221918	2.10766	2.10766	0.935155	1.04839	1.04839	0.946914	1.03943	1.03943	0.657462	1.29587	1.29587	0.710642	0.805392	-1.24163	0.356085	1.73549	1.73549	0.378537	2.02216	4.74849	1
cg09750084	LPAR6;RB1 EFCAB2;EFCAB2;EFCAB2;EFCAB2;EFCA	0.915249	0.33895	0.475722	-2.10207	0.632237	0.695392	-1.43823	0.222328	0.380343	-2.6292	0.716493	0.556754	-1.31646	0.389031	0.514084	-1.94521	0.561747	0.642605	-1.5562	0.559062	0.640622	-1.56098	0.815606	0.855026	-1.16956	0.989889	0.990494	-1.0096	0.378519	3.40582	7.99381	1
cg05128437	B2	0.915269	0.285273	0.323455	-3.09162	0.871124	0.847797	-1.17953	0.738295	1.40636	1.40636	0.556194	1.83185	1.83185	0.288329	0.325948	-3.06797	0.945103	0.932365	-1.07254	0.889336	0.9865	-1.01368	0.856177	1.20262	1.20262	0.863696	0.837499	-1.19403	0.378483	6.19952	14.5599	1
cg15898408	DUSP12	0.915276	0.432988	0.784259	-1.27509	0.380243	0.760817	-1.31438	0.45173	0.792265	-1.2622	0.656354	0.872832	-1.1457	0.375049	0.758424	-1.31852	0.485186	0.806208	-1.24037	0.757162	1.09878	1.09878	0.956207	0.98346	-1.01682	0.431369	0.78356	-1.27623	0.37847	0.552907	1.29858	1
cg11154798	RAI14;RAI14;RAI14;RAI14;RAI14	0.915295	0.786161	1.25829	1.25829	0.719531	0.737318	1.35627	0.952965	1.05108	1.05108	0.781906	1.26508	1.26508	0.968837	1.01954	1.01954	0.493109	0.554746	-1.80261	0.915749	1.09349	1.09349	0.360377	0.71262	1.27262	0.391671	2.10424	2.10424	0.372508	4.11965	8.66191	1
cg22283959	NR2F2;NR2F2;NR2F2;NR2F2	0.915296	0.409326	0.555939	-1.79876	0.579935	1.47545	1.47545	0.990467	0.691722	-1.00835	0.361925	0.521002	-1.91938	0.348922	0.511247	-1.956	0.804895	0.932004	-1.08672	0.803435	1.18948	1.18948	0.811544	0.846887	-1.1808	0.47249	1.72917	1.72917	0.378435	2.90127	6.81465	1
cg07733061	LSM10	0.91532	0.929402	0.969808	-1.03113	0.766781	0.902219	-1.10838	0.899497	0.957228	-1.04468	0.322319	1.42433	1.42433	0.858208	1.06382	1.06382	0.908919	0.961181	-1.04039	0.875794	0.947323	-1.05561	0.217187	0.638145	-1.56704	0.951188	1.0214	1.0214	0.378392	0.737294	1.68501	1
cg04454872	UMF1	0.915321	0.752133	1.703857	1.703857	0.66624	0.750396	1.509206	0.932404	1.02327	1.02327	0.943102	1.09556	1.09556	0.609329	1.17153	1.17153	0.395462	1.17913	1.17913	0.645731	1.14493	1.14493	0.629203	0.842693	-1.17856	0.788455	0.922086	-1.08445	0.378189	0.545215	1.28079	1
cg13720195	YWHAG	0.915323	0.386754	0.41933	2.41933	0.614929	1.65715	1.65715	0.369336	2.50453	2.50453	0.648623	2.07969	2.07969	0.583657	1.73526	1.73524	0.747953	1.37858	1.37858	0.232105	3.48317	3.48317	0.492414	0.20225	2.00225	0.657092	1.56036	1.56036	0.378386	5.94256	13.96	1
cg22309157	HSPH1	0.915337	0.575139	0.784878	-1.30911	0.5055	0.725167	1.37859	0.317307	0.615504	1.62506	0.899035	1.06223	1.06223	0.777734	1.14408	1.14408	0.665463	1.22987	1.22987	0.950183	1.03319	1.03319	0.695803	1.29069	1.29069	0.499624	0.721851	1.38533	0.283562	1.33562	3.18477	1
cg04790761	MAPKAPK2;MAPKAPK2	0.915353	0.65782	1.13086	1.13086	0.389138	1.27567	1.27567	0.487128	1.21503	-1.21503	0.351365	1.01697	1.01697	0.650551	1.13407	1.13407	0.483254	1.21721	1.21721	0.315521	1.3315	1.3315	0.822443	1.06397	1.06397	0.264138	1.37865	1.37865	0.378332	0.456024	1.07143	1
cg12106743	C9orf20;CODI;CODI;FAM161B	0.915368	0.864097	0.962024	-1.03947	0.406266	0.825302	-1.21168	0.91659	0.908363	-1.10284	0.52659	0.964285	0.907063	-1.01098	0.918726	1.11622	1.11622	0.615064	0.826048	0.896287	-1.11571	0.402583	0.823998	-1.27865	0.865535	1.03904	1.03904	0.539755	0.869101	-1.15061	0.378305	0.306001	0.719	1
cg22180580	NHS1	0.915404	0.974365	0.977403	1.02705	0.643	0.997556	1.00204	0.488155	1.64077	1.64077	0.154075	1.43309	1.43309	0.705823	1.09303	1.09303	0.837157	0.883685	0.883685	0.19324	0.705219	0.705219	0.76233	0.883683	0.83047	1.2017	1.2017	0.810057	1.00089	1.00089	0.212533	1.07201	1.07201	0.400241	0.376504	1.35091	1
cg25251635	POP7	0.915405	0.727254	1.09597	1.09597	0.56856	1.16279	1.16279	0.944853	0.982058	-1.01827	0.500331	1.19607	1.19607	0.717899	1.0996	1.0996	0.603176	0.871746	-1.14712	0.794335	0.933912	-1.07076	0.205278	1.41872	1.41872	0.719285	1.09006	1.09006	0.378239	0.410315	0.964268	1
cg08665810	BOK	0.915478	0.354552	0.67451	-1.48256	0.674723	1.19066	1.19066	0.957531	1.02226	1.02226	0.815343	0.592296	-1.07972	0.265757	0.619121	-1.61519	0.454987	0.730065	-1.36974	0.843286	1.08562	1.08562	0.96895	0.984036	-1.01622	0.813952	1.10237	1.10237	0.378109	1.02358	2.40632	1
cg11692307	PLCH2	0.915564	0.990552	1.00034	1.00034	0.488155	1.64077	1.64077	0.154075	1.43309	1.43309	0.705823	1.09303	1.09303	0.837157	0.883685	-1.19324	0.748684	0.820952	-1.2181	0.884725	0.914407	-1.09311	0.995178	0.996298	-1.00372	0.627641	0.762481	-1.34987	0.378077	2.25581	5.30359	1
cg10895185	PACS2;PACS2	0.9155	0.474726	0.668099	-1.49678	0.28454	0.539678	-1.85296	0.521271	1.43433	1.43433	0.636526	1.30226	1.30226	0.681012	0.795064	-1.25776	0.701605	0.807674	-1.23812	0.855597	0.90387	-1.10635	0.54368	0.711044	-1.40638	0.931305	1.049	1.049	0.378069	1.84319	4.33357	1
cg12337683	GAK	0.915511	0.870206	0.96803	-1.05193	0.830007	1.06626	1.06626	0.548729	0.773656	-1.29256	0.7506	1.10089	1.10089	0.674705	1.15831	1.15831	0.771277	0.913703	-1.09451	0.223454	1.4859	1.4859	0.975898	1.0094	1.0094	0.766629	0.911969	-1.09653	0.378498	0.923956	2.34952	1
cg13072943	RPS6KA2,RPS6KA2	0.915529	0.63388	1.28201	1.28201	0.470633	1.46229	1.46229	0.686417	1.23386	1.23386	0.560272	1.35655	1.35655	0.676914	1.08376	1.08376	0.402086	1.51459	1.51459	0.63993	1.29023	1.29023	0.672628	0.162906	2.1624	2.1624	0.625338	1.29021	1.29021	0.407318	1.60505	3.77419	1
cg20936653	CCDC94	0.915542	0.321921	0.37642	-2.65702	0.45641	0.564367	-1.77195	0.692584	1.16065	1.16065	0.652254	1.34372	1.34372	0.725856	1.22699	1.22699	0.481956	0.623163	-1.60457	0.902604	1.00666	1.00666	0.756456	1.2522	1.2522	0.800908	1.18321	1.18321	0.839391	1.14486	1.14486	0.377993	2.65374	6.24027	1
cg06607825	NAV2;NAV2;NAV2	0.915555	0.502134	1.70817	1.70817	0.809612	1.20892	1.20892	0.464078	1.79636	1.79636	0.67256	2.75944	-1.39676	0.523046	0.601221	-1.66328	0.427544	1.89032	1.89032	0.957783	1.04249	1.04249	0.404674	1.95466	1.95466	0.618006	1.48466	1.48466	0.37797	3.6988	8.69862	1
cg23165889	ID4	0.915589	0.744996	0.86284	-1.15896	0.429774	0.694655	-1.43956	0.885283	0.936825	-1.06744	0.831861	0.908363	-1.10088	0.918736	0.954915	-1.04721	0.192259	0.535845	-1.86621	0.563037	1.30254	1.30254	0.837883	1.09703	1.09703	0.950366	1.02854	1.02854	0.37791	1.22305	2.87675	1
cg26516701	P2;PCBP2	0.915619	0.708918	1.7328	1.7328	0.321125	4.49387	4.49387	0.439119	0.31449	-3.17975	0.470202	2.93582	2.93582	0.774188	1.52455	1.52455	0.803998	1.43984	1.43984	0.98066	0.965089	-1.03617	?	?	?	0.782709	0.666787	-1.49973	0.359014	10.8619	30.2547	1
cg24425978	MYO18A;MYO18A	0.915624	0.364301	0.780045	-1.28139	0.524109	1.31575	1.31575	0.303793	0.916406	-1.09122	0.889807	0.942624	-1.06087	0.734188	0.876625	-1.14076	0.624344	0.808833	-1.23635	0.979741	1.03088	1.03088	0.255844	1.65796	1.65796	0.153991	0.767585	-1.30279	0.037847	1.08723	2.55771	1
cg03998264	ATF7;ATF7;ATF7	0.91563	0.45373	0.43457	-2.30213	0.528424	0.497857	-2.00861	0.722853	0.677837	-1.47528	0.807788	0.76632	-1.30494	0.239804	0.260783	-3.83461	0.32869	0.332584	-3.00676	0.446623	0.428665	-2.33282	0.972173	0.03882	0.5882	0.615324	0.610324	-1.63847	0.377837	7.13557	16.787	1
cg07789083	GPR15C	0.915644	0.945906	0.971713	-1.02911	0.679212	0.838739	-1.19227	0.608554	0.803769	-1.24434	0.87284	0.934507	-1.07008	0.803	1.11149	1.11149	0.358959	0.694071	-1.44078	0.527795	0.762982	-1.31065	0.465374	1.36915	1.36915	0.421089	1.41563	1.41563	0.37781	1.07009	2.51765	1
cg13338957	GOLGA8B	0.915649	0.636248	1.1187	1.1187	0.594574	1.2801	1.2801	0.354554	1.1187	-1.1187	0.594574	1.14563	1.14563	0.72128	0.876509	1.14563	0.701191	1.11474	1.11474	0.606508	1.16567	1.16567	0.716746	1.10746	1.10746	0.192384	1.54409	1.54409	0.547397	1.24474	2.63474	1.55751	1
cg07328209	MCC;MCC	0.915659	0.889485	1.03403	1.03403	0.248093	1.34385	1.34385	0.302517	1.28028	1.28028	0.602018	1.13501	1.13501	0.803185	1.05742	1.05742	0.542903	1.1598	1.1598	0.847654	0.954758	-1.04739	0.687707	1.10216	1.10216	0.426462	1.21588	1.21588	0.377783	0.346099	0.81575	1
cg16246573	CAPN10;CAPN10;CAPN10;CAPN10	0.915666	0.784809	1.19742	1.19742	0.953641	0.964367	1.03695	0.692584	1.34372	1.34372	0.725856	1.22699	1.22699	0.481956	0.623163	-1.60937	0.892041	1.00666	1.00666	0.756456	1.2522	1.2522	0.800908	1.18321	1.18321	0.839391	1.14486	1.14486	0.377993	2.65374	6.24027	1
cg08184975	TMEM188	0.915665	0.640119	0.883101	-1.13237	0.390034	1.2618	1.2618	0.559476	0.855722	-1.1686	0.818266	0.941047	-1.06265	0.541065	1.17745	1.17745	0.390451	1.26153	1.26153	0.813276	1.06446	1.06446	0.718453	1.1003	1.1003	0.514016	1.19091	1.19091	0.377773	0.417019	0.981235	1
cg25576352	ECSIT;ECSIT;ECSIT;ECSIT	0.915701	0.831449	0.953848	-1.04838	0.476927	1.17389	1.17389	0.553647	1.14205	1.14205	0.566086	0.879337	-1.13722	0.823735	1.048	1.048	1.05204	1.23653	1.23653	0.431482	0.836955	-1.19481	0.869271	1.03719	1.03719	0.880802	0.967283	-1.03382	0.377705	0.293976	0.691841	1
cg10464139	KALRN;KALRN	0.915721	0.495851	0.74254	-1.34648	0.928389	1.05123	1.05123	0.881756	0.64581	-1.54821	-2.15872	0.887797	0.904531	1.08315	0.926552	1.16343	1.16343	1.31332	0.836405	1.08143	1.32845	0.78035	1.16811	1.16811	0.478182	0.86079	1.493	1.493	0.378753	1.84795	4.34912	1
cg09782300	MIR639;TECR	0.915745	0.529394	1.37648	1.37648	0.59812	0.765861	-1.30572	0.782505	0.870422	-1.14887	0.461097	0.686399	-1.45688	0.276133	0.566595	-1.76493	0.434431	0.670346	-1.49177	0.861288	0.916026	-1.09167	0.861793	1.09132	1.09132	0.703642	0.825579	-1.21127	0.37763	1.50415	3.54057	1
cg19388016	NFIC;NFIC	0.915769	0.556497	0.7805	-1.28107	0.679367	0.977556	-1.02296	0.947351	0.984638	-1.01669	0.721875	0.946138	-1.05693	0.731611	0.935114	-1.06935	0.508884	0.754271	-1.32561	0.501302	0.898648	1.11212	1.11212	0.122721	0.61237	-1.63327	0.174558	1.57458	0.377587	0.439378	0.598371	1
cg11692031	CACNA2D4	0.915788	0.733407	1.10542	1.10542	0.812337	1.07221	1.07221	0.625068	1.48681	1.48681	0.466568	1.56748	1.56748	0.514473	0.850255	-1.17612	0.749233	0.910264	-1.09858	0.240199	1.43407	1.43407	0.741456	0.09763	1.09763	0.747878	1.90978	1.90978	0.377551	0.513929	1.20997	1
cg06703054	DIS3L2	0.915844	0.623619	0.923348	-1.08302	0.509179	0.897653	-1.11402	0.694491	1.06572	1.06572	0.516186	0.899297	-1.11198	0.561163	0.909608	-1.09937	0.782704	0.956402	-1.04559	0.556979	1.10052	1.10052	0.51506	0.899033	-1.11231	0.475085	1.12425	1.12425	0.377453	0.155416	0.366	1
cg10158280	NFIC;NFIC	0.915853	0.604224	0.7205	-1.38792	0.583183	0.977556	-1.02296	0.947351	0.984638	-1.01669	0.721875	0.946138	-1.05693	0.731611	0.935114	-1.06935	0.429776	0.7205	-1.38792	0.583183	0.898648	1.11212	1.11212	0.122721	0.61237	-1.63327	0.174558	1.57458	0.377587	0.439378	0.598371	1
cg07037509	C1orf183	0.915858	0.540711	1.45614	1.45614	0.552	1.44068	1.44068	0.330697	1.81371	1.81371	0.530945	1.46981	1.46981	0.466568	1.56748	1.56748	0.697149	1.26784	1.26784	0.214473	2.21004	2.21004	0.74704	0.41343	1.2166	1.2166	0.978465	1.01651	1.01651	0.377326	2.00098	5.18359	1
cg06320380	TNS1	0.915911	0.385113	0.57857	-1.72837	0.748393	0.923135	1.08633	0.746456	0.881888	-1.13448	0.65047	0.765234	1.82394	1.23011	0.953794	1.04089	0.502824	0.4323	-2.31348	0.112799	0.858609	-1.16467	0.807485	0.890202	-1.11588	0.80309	0.8619	1.16021	1.16021	0.377496	0.396214	1.05061	1
cg09942210	NCOR2;NCOR2 C14orf159;C14orf159;C14orf159;C14or	0.915877	0.547332	0.722	-1.38504	0.418455	0.642594	-1.55619	0.636875	1.28863	1.28863	0.910964	1.06166	1.06166	0.584654	0.744345	-1.34346	0.745351	1.19043	1.19043	0.609306	0.759031	-1.31747	0.871412	1.09051	1.09051	0.359159	1.65587	1.65587	0.377393	1.71014	4.02797	1
cg14340473	TF;cg14oct159	0.915878	0.678574	1.19548	1.19548	0.752615	1.14508	1.14508	0.262605	0.608619	-1.64306	0.858866	0.982525	-1.08398	0.325209	0.6471	-1.54536	0.668092	0.831265	-1.20299	0.897125	0.946086	-1.05699	0.901311	1.11247	1.11247	0.616166	0.805294	-1.24178	0.377391	1.09718	2.58426	1
cg11755796	SLC4A3	0.915881	0.947845	0.982901	-1.0174	0.446484	0.814992	-1.22701	0.80277	1.0682	1.0682	0.779541	1.07679	1.07679	0.923648	1.02559	1.02559	0.664759	1.12182	1.12182	0.251368	0.729101	-1.37155	0.738062	1.09251	1.09251	0.544697	1.17542	1.17542	0.377386	0.415433	0.978505	1
cg22730103	TNS1	0.915897	0.363301	0.780045	-1.28139	0.524109	1.31575	1.31575	0.303793	0.916406	-1.09122	0.889807	0.942624	-1.06087	0.734188	0.876625	-1.14076	0.361683	1.89196	1.89196	0.640679	1.37668	1.37668	0.643861	1.37244	1.37244	0.870124	0.89469	-1.11771	0.377358	2.19488	6.51705	1
cg19841653	HK1;HK1;HK1;HK1;HK1	0.915911	0.483026	2.48247	2.48247	0.41158	0.91788	0.91788	0.291164	0.404334	0.404334	0.368995	0.324397	0.324397	0.519827	2.29822	2.29822	0.357383	0.34425	0.34425	0.55108	2.15816	2.15816	0.705308	1.62347	1.62347	0.766983	1.46084	1.46084	0.377333	0.972161	22.9013	1
cg26924222	RBP;RBP;RBP;RBP;RBP	0.915929	0.307117	0.822131	-1.52676	0.316241	0.599805	-1.66733	0.721271	0.374164	0.62308	-1.60459	0.849675	1.10345	1.10345	0.947788	0.966595	-1.03456	0.199055	0.199055	0.970235	0.984845	-1.01538	0.907504	1.41956	1.41956	0.502088	1.42623	1.42623	0.3773	1.60834	3.78912	1
cg10253936	FAM102A;RSPRY1	0.915937	0.591562	1.42676	1.42676	0.815641	1.20016	1.20016	0.598297	1.40691	1.40691	0.554016	1.28454	1.28454	0.520393	1.66359	1.66359	0.429834	1.87678	1.87678	0.857623	1.15061	1.15061	0.597858	1.0021	1.0021	0.720557	1.32394	1.32394	0.377285	0.4647	0.59168	1
cg14022434	ATE1;ATE1	0.915943	0.51271	1.5823	1.5823	0.810255	1.18088	1.18088	0.729303	1.27141	1.27141	0.26357	2.238	2.238	0.400149	1.8136	1.8136	0.832021	1.15814	1.15814	0.95103	0.958437	-1.04337	0.744396	0.79761	-1.25375	0.353954	1.93325	1.93325	0.377275	2.85481	6.72617	1
cg14095720	IGFN1	0.915947	0.435207	1.46724	1.46724	0.778067	1.16576	1.16576	0.541519	0.742588	1.34664	0.787176	1.2008	1.2008	0.832787	1.20797	1.20797	0.516243	1.31332	1.31332	0.588374	1.038076	1.038076	0.980135	1.18431	1.18431	0.784195	1.4393	1.4393	0.377247	0.435479	1.33457	1
cg26693329	SDHAP2	0.915966	0.33933	1.98679	1.98679	0.469971	0.599053	-1.6693	0.716444	0.775474	-1.28953	0.486782	0.611058	-1.63651	0.896442	0.913222	-1.09502	0.726851	0.783119	-1.27694	0.377068	0.531609	-1.88108	0.954384	1.04068	1.04068	0.749344	0.799748	-1.25039	0.377234	0.9033	6.84115	1
cg25683535	LTV1	0.915972	?	?	?	0.334905	2.75042	2.75042	0.802012	1.28824	1.28824	0.813132	1.27043	1.27043	0.851577	1.20889	1.20889	0.516891	0.133325	1.94808	?	?	?	?	?	?	0.891291	1.14853	1.14853	0.303971	0.322169	12.3651	1
cg21597209	CCDC104	0.915975	0.833005	0.844739	-1.1838	0.757175	1.28126	1.28126	0.594735	0.65111	-1.53584	?	?	?	0.457958	1.82939	1.82939	0.354164	2.14204	2.14204	0.960533	0.961227	-1.04034	?	?	?	0.611341	1.5061	1.5061	0.335588	2.63985	8.8901	1
cg03519157	DGKZ;DGKZ;DGKZ	0.916061	0.467893	0.697911	-1.43285	0.576482	1.31622	1.31622	0.990313	0.994106	-1.00593	0.593636	0.769318	-1.29985	0.859487	0.917334	-1.09012	0.681156	1.22284	1.22284	0.347766	1.60119	1.60119	0.966613	0.979825	-1.02059	0.453698	0.689588	-1.45014	0.377064	1.41599	3.33805	1
cg24312030	SLC46A3;SLC46A3;SLC46A3;SLC46A3	0.916076	?	?	?	0.696257	1.97529	1.97529	0.915316	1.52708	1.52708	0.684426	1.75601	1.75601	0.797253	1.40973	1.40973	0.359747	0.281393	-3.55375	0.827081	1.33888	1.33888	0.955337	1.07747	1.07747	0.99415	1.00982	1.00982	0.342629	0.25809	0.77372	1
cg10599479	MTFMT	0.916082	0.467195	0.59737	-1.85275	0.857505	1.16162	1.16162	0.7692	1.26716	1.26716	0.834574	1.19043	1.19043	0.279008	2.55536	2.55536	0.333297	2.79758	2.79758	0.782158	0.79805	-1.25305	0.954576	1.04863	1.04863	0.785922	1.25475	1.25475	0.377026	0.443883	0.78142	1
cg02557933	SPEG	0.916083	0.51828	1.18394	1.18394	0.917427	1.22	1.22	0.866757	0.926935	1.08262	0.646614	0.715274	-1.39807	0.835752	0.926935	1.08262	0.646614	1.84735	1.84735	0.541427	1.37448	1.37448	0.729466	0.982034	-1.01828	0.918074	0.92456	1.08164	1.08164	0.377024	0.664808	1.68828	1
cg13854962	COL5A1	0.916118	0.709003	1.11361	1.11361	0.28759	1.37292	1.37292	0.336715	0.752521	-1.32886	0.777526	1.08471	1.08471	0.676131	0.886391	1.12817	0.939122	0.978313	-1.02217	0.85444	1.05413	1.05413	0.683998	0.889172	-1.12464	0.797198	0.928746	-1.07672	0.37696	0.491934	1.16	1
cg10403653	MFSD1;MFSD1	0.916133	0.35486	1.40046	1.40046	0.716733	0.879209	-1.13762	0.810908	0.922098	-1.08448	0.834357	0.928581	-1.07691	0.49053	0.780502	-1.28123	0.614879	0.835678	-1.19663	0.76292	1.13209	1.13209	0.449118	1.31382	1.31382	0.595288	1.2089	1.2089	0.376934	0.74751	1.76279	1
cg02181639	NGB;NGB	0.916134	0.947345	0.978233	-1.02172	0.824365	1.11521	1.11521	0.766546	1.23946	1.23946	0.440694	1.40694	1.40694	0.379575	1.23946	1.23946	0.431143	0.511136	-1.95643	0.84046	1.04163	1.04163	0.851136	1.17375	1.17375	0.958037	0.948803	-1.05285	0.377447	1.78407	3.78932	4.16477	0.82144	1
cg26957095	NDUFB10	0.916149	0.987289	1.00395	1.00395	0.935234	0.980103	-1.0203	0.425714	1.22279	1.22279	0.960137	0.971253	-1.0296	0.670234	1.11173	1.11173	0.450993	1.20914	1.20914	0.833012	1.0536	1.0536	0.841728	0.951763	-1.05068	0.192495	1.40648	1.40648	0.376904	0.36501	0.860837	1
cg24631667	IGF2AS;INS-IGF2;IGF2;IGF2AS;IGF2	0.916165	0.874486	1.07201	1.07201	0.744824	1.24264	1.24264	0.448272	1.37786	1.37786	0.579538	1.25895	1.25895	0.990015	1.00316	1.00316	0.655582	1.10285	1.10285	0.894796	0.952727	-1.0285	0.944808	1.30655	1.30655	0.310094	1.5406	1.5406	0.376875	0.31056	0.38948	1
cg18452347	RPL23AP53	0.916174	0.920579	0.959305	-1.04242	0.431516	1.39717	1.39717	0.845387	0.921886	-1.08473	0.865664	0.931895	-1.07308	0.637145	0.820423	-1.21888	0.625622	0.815219	-1.22666	0.468603	0.735926	-1.35906	0.533113	0.767755	-1.3025	0.277067	0.624416	1.60155	0.376886	1.03584	2.4432	1
cg05380512	LPCAT1	0.916187	0.961253	1.02413	1.02413	0.293835	1.70662	1.70662	0.296632	1.70097	1.70097	0.963582	1.02267	1.02267	0.423793	1.49335	1.49335	0.638507	1.26147	1.26147	0.388725	1.54285

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg00008188	C14orf181	0.917	0.483631	0.538134	-1.85827	0.665817	0.712285	-1.40393	0.794091	0.815273	-1.22658	0.512808	0.595635	-1.67888	0.31603	0.445122	-2.24658	0.337135	0.508147	-1.96794	0.746116	0.77598	-1.28869	0.626586	0.682002	-1.46527	0.549122	1.60547	0.375372	3.62437	8.58257	1
cg15270350	BIRC5;BIRC5;ERI1;BIRC5	0.917073	0.929326	0.947002	-1.05596	0.267637	0.49221	-2.03165	0.457635	0.628577	-1.5909	0.792713	1.23421	1.23421	0.587625	0.714553	-1.39948	0.510998	0.664153	-1.50568	0.61944	0.735407	-1.35979	0.791074	1.17702	1.17702	0.68681	1.28249	1.28249	0.375241	2.23938	5.30476	1
cg24125063	NDRG3;NDRG3	0.917091	0.430096	1.12062	1.12062	0.728924	1.05042	1.05042	0.328899	1.15313	1.15313	0.787703	1.0389	1.0389	0.675213	1.06139	1.06139	0.451476	1.11457	1.11457	0.732999	0.952737	-1.04961	0.485736	0.904697	-1.10534	0.870733	1.02329	1.02329	0.375209	0.118803	0.28145	1
cg26295624	C15orf41	0.941836	1.0126	1.0126	1.0126	0.361524	1.17401	1.17401	0.932097	1.01718	1.01718	0.728367	0.941929	-1.06165	0.650784	0.924785	-1.08133	0.284631	1.20314	1.20314	0.766068	1.05253	1.05253	0.63391	1.0858	1.0858	0.590247	0.91094	-1.09777	0.375189	0.174054	0.414497	1
cg01444719	C16orf62	0.917116	0.595339	0.838261	-1.19295	0.983608	1.00678	1.00678	0.260632	1.47181	1.47131	0.600288	1.19007	1.19007	0.927737	0.930786	-1.07436	0.604988	1.18736	1.18736	0.756516	1.10779	1.10779	0.467154	1.27573	1.27573	0.468395	1.27483	1.27483	0.375164	0.643637	1.52499	1
cg00265520	ZNF470	0.917124	0.501764	1.62775	1.62775	0.959727	0.964558	-1.03674	0.701403	1.31694	1.31694	0.909142	0.921658	-1.085	0.989659	1.0093	1.0093	0.495322	1.64015	1.64015	0.586601	1.48048	1.48048	0.241372	2.40222	2.40222	0.329946	2.05124	2.05124	0.375148	3.03422	7.18939	1
cg16402873	CEP55;CEP55	0.917196	0.402308	1.31399	1.31399	0.969226	1.01237	1.01237	0.682244	1.14013	1.14013	0.465311	0.789206	-1.2671	0.498063	1.245	1.245	0.476511	0.794037	-1.25939	0.812044	0.926917	-1.07885	0.544791	1.21563	1.21563	0.860444	1.05766	1.05766	0.37502	0.602835	1.42887	1
cg16818931	HERC5;HERC6;HERC5;HERC6	0.917239	0.417379	0.847974	-1.17942	0.925587	0.981571	-1.01878	0.848679	0.962679	-1.05877	0.659515	1.09848	1.09848	0.717546	1.07501	1.07501	0.840428	1.04096	1.04096	0.884153	0.92179	-1.08485	0.481067	1.15328	1.15328	0.314554	0.812875	-1.2302	0.375016	0.235483	0.558159	1
cg11100077	MYL6B;MYL6B	0.917298	0.445077	1.24106	1.21406	0.566657	1.15324	1.15324	0.573568	1.12223	1.15223	0.364002	0.970506	-1.03039	0.459804	1.02626	1.02626	0.338363	0.781992	-1.27879	0.710449	1.09737	1.09737	0.193705	0.981229	-1.01913	0.836718	0.9488	1.05257	0.375106	0.368752	0.874041	1
cg02692075	SCFD2	0.917244	0.433062	1.336	1.336	0.82858	0.924486	-1.08168	0.91652	1.03869	1.03869	0.893027	0.95245	-1.04992	0.759492	1.11761	1.11761	0.366573	1.39917	1.39917	0.968643	1.01434	1.01434	0.454333	1.3178	1.3178	0.393707	0.728806	-1.37211	0.374933	0.778556	1.8458	1
cg15433443	DENND4A;DENND4A	0.917247	0.465051	1.508869	1.99653	0.977307	1.165932	1.165932	1.526211	1.83633	1.83633	0.729599	1.226399	1.226399	0.705771	1.44589	1.44589	0.919997	1.911032	1.911032	0.708152	1.26077	1.26077	0.38009	1.59297	1.59297	0.146387	0.368989	4.9208	4.9208	0.374924	10.1724	1
cg10160935	FOXK1	0.917254	0.597384	0.819439	-1.22035	0.931657	0.968428	-1.0326	0.31725	1.4721	1.4721	0.871	0.916999	-1.09051	0.275885	0.654461	-1.52798	0.846189	0.929037	-1.07534	0.773713	1.11385	1.11385	0.814656	1.09212	1.09212	0.996848	0.998524	-1.00148	0.374915	0.830661	1.96942	1
cg07226739	SLIT3	0.917275	0.221505	0.579701	-1.72501	0.932458	0.964672	-1.03662	0.798182	0.896981	1.11485	0.240456	0.593651	-1.68449	0.754839	0.865639	-1.15516	0.77116	0.883702	1.1316	0.580507	0.780198	-1.28213	0.392262	0.894047	-1.11853	0.538938	0.768012	-1.30206	0.374876	1.0689	2.53451	1
cg02181797	LYSMD1;SCNM1;LYSMD1;LYSMD1	0.917728	0.397861	1.18793	1.18793	0.912658	0.978409	-1.02207	0.713766	1.07604	1.07604	0.388214	1.19236	1.19236	0.839947	1.04105	1.04105	0.382568	0.836824	-1.19499	0.637965	1.08888	1.08888	0.534067	1.13347	1.13347	0.704912	1.07863	1.07863	0.374867	0.234968	0.557158	1
cg18062950	SBNO2;SBNO2	0.917314	0.874317	0.963061	-1.03836	0.59887	1.14552	1.13452	0.681598	0.906568	-1.10306	0.549193	0.865797	-1.155	0.514519	0.85486	-1.16978	0.360743	1.25032	1.25032	0.563555	0.807368	-1.14894	0.863914	0.960032	-1.04163	0.56642	1.14774	1.14774	0.374806	0.3356	0.795909	1
cg17809780	ATG7;ATG7;ATG7	0.917322	0.702066	0.910141	-1.09873	0.849841	0.954352	-1.04785	0.765533	1.07602	1.07602	0.917309	1.02577	1.02577	0.266663	1.26153	1.26153	0.432495	-2.52703	1.4898	0.0025	1.25621	1.25621	0.576972	0.870155	-1.14803	0.566224	0.867582	-1.15263	0.374796	0.372524	0.844844	1
cg12990614	SOX10	0.917322	0.967335	1.01543	1.01543	0.947627	1.02487	1.02487	0.730066	0.878488	-1.13832	0.229633	1.60235	1.60235	0.798311	0.908667	-1.10051	0.948501	0.976129	-1.02445	0.931387	0.968304	-1.03273	0.719402	0.873772	-1.14446	0.328259	1.45854	1.45854	0.374791	0.830428	1.96952	1
cg08497284	MAPKBP1	0.917326	0.507999	0.889841	-1.12374	0.749663	1.05948	1.05948	0.8842	1.02663	1.02663	0.781292	0.951048	-1.05147	0.210398	0.788197	-1.26872	0.919035	0.981831	-1.0185	0.960603	1.00895	1.00895	0.610069	1.09719	1.09719	0.63967	1.08875	1.08875	0.374785	0.193032	0.457821	1
cg18604876	ARL8B	0.917333	0.76427	0.940129	1.06304	0.890456	0.972131	-1.02867	0.887654	1.00253	1.00253	0.49863	1.02226	1.02226	0.145484	0.85648	-1.16759	0.832863	1.04434	1.04434	0.605382	1.01286	1.01286	0.598338	0.890616	-1.1153	0.257086	1.27482	1.27482	0.374772	0.25013	0.592261	1
cg08236123	SRSF8	0.917338	0.703351	1.17123	1.17123	0.297122	1.5629	1.5629	0.645528	1.21087	1.21087	0.613936	1.23385	1.23385	0.754872	1.13813	1.13813	0.374732	1.45698	1.45698	0.237834	1.66664	1.66664	0.960623	1.0206	1.0206	0.937746	1.03279	1.03279	0.374763	1.01291	2.40248	1
cg04634778	ZNF629; USP16;USP16;USP16;USP16;USP16;USP	0.917342	0.952165	0.990649	-1.00944	0.954997	0.98496	1.00886	0.889314	1.02206	1.02206	0.883747	1.03119	1.03119	0.776554	1.15097	1.15097	0.832407	1.03976	1.03976	0.784337	1.14012	1.14012	0.354976	1.13034	1.13034	0.558641	1.09922	1.09922	0.374756	0.145624	0.345536	1
cg02287918	16	0.917361	0.329176	0.80343	-1.24466	0.832195	1.04719	1.04719	0.706617	1.08565	1.08565	0.746103	0.931829	-1.07316	0.875175	0.966412	-1.03476	0.979968	1.00547	1.00547	0.486052	0.857421	-1.16629	0.335773	1.24075	1.24075	0.782201	0.942897	-1.06056	0.374721	0.280316	0.664948	1
cg10178810	TMEDB;C14orf174	0.917391	0.756092	1.27966	1.27966	0.994511	1.00546	1.00546	0.528588	1.65744	1.65744	0.186668	3.02783	3.02783	0.656994	1.42434	1.42434	0.362381	2.09787	2.09787	0.930851	1.0711	1.0711	0.798166	1.22483	1.22483	0.478499	1.7687	1.7687	0.374667	3.7167	8.81778	1
cg09484009	MTERF0;PTDSS1	0.917392	0.599294	1.75841	1.75841	0.673022	1.57123	1.57123	0.838226	1.2401	1.2421	0.454173	2.25161	2.25161	0.480164	1.42029	1.42029	0.647572	-2.10208	0.666961	1.58546	1.58546	7	7	0.621213	0.58846	-1.69935	0.438965	2.31716	2.31716	0.355816	5.67585	15.9544	1
cg18467110	SLC25A36;SLC25A36	0.917396	0.485385	0.915627	-1.09278	0.785914	0.925191	1.0425	0.245	1.26906	1.26906	0.602949	1.20249	1.20249	0.822816	1.06547	1.06547	0.284927	1.14633	1.14633	0.954515	0.962166	-1.03932	0.831601	1.02781	1.02781	0.794658	0.807047	1.22822	1.22822	0.374658	0.089704	0.212827	1
cg03585053	HDAC4	0.917404	0.844138	1.0664	1.0664	0.908314	0.962991	-1.03843	0.788058	0.915752	-1.092	0.547788	1.21977	1.21977	0.855813	1.06121	1.06121	0.156756	1.64001	1.64001	0.854043	0.943198	-1.06022	0.709145	0.884811	-1.13019	0.913389	1.03618	1.03618	0.374642	0.632995	1.50186	1
cg05384628	DCTD;DCTD	0.917413	0.839398	1.09373	1.09373	0.774643	1.03582	1.03582	0.960387	1.01847	1.01847	0.497441	1.36565	1.36565	0.597348	1.24095	1.24095	0.257914	1.70214	1.70214	0.547106	1.31586	1.31586	0.318501	1.51996	1.51996	0.847468	0.915718	-1.09082	0.375663	1.10437	2.85763	1
cg00756338	FDHHC14;ZDHHC14	0.917448	0.355194	1.39441	1.39441	0.830481	1.07782	1.07782	0.679679	1.13052	1.13052	0.302886	1.45218	1.45218	0.471649	0.862902	1.15888	0.833325	1.928983	1.07645	0.377022	1.37284	1.37284	0.942198	0.97497	-1.02567	0.957552	0.981566	-1.01878	0.374564	0.724917	1.72032	1
cg12162201	PRMT2;PRMT2;PRMT2;PRMT2	0.917469	0.662379	0.827055	-1.20911	0.766769	1.13718	1.13718	0.96741	1.01781	1.01781	0.708227	0.850034	-1.17642	0.704998	0.848418	-1.17866	0.805647	1.11243	1.11243	0.944703	0.970465	-1.03043	0.161001	1.90993	1.90993	0.869186	1.07384	1.07384	0.374527	1.10798	2.62964	1
cg02561733	LAMB1	0.917476	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.934536	1.11109	1.11109	7	7	7	7	2.0475	2.0475	0.158822	2.81635	2.81635	0.586767	2.0475	2.0475	0.158822	2.81635	6.96469	1
cg20963030	ATP10B	0.917499	0.3701	1.83693	1.83693	0.902137	1.08186	1.08186	0.739449	1.24671	1.24671	0.589005	1.43386	1.43386	0.45082	1.6613	1.6613	0.422297	1.71864	1.71864	0.222314	2.33344	2.33344	0.599778	1.41879	1.41879	0.944336	1.04721	1.04721	0.374472	2.58869	6.14481	1
cg00434414	C11orf87	0.917538	0.310859	2.87888	2.87888	0.7498	1.02145	1.02145	0.82707	1.03374	1.03374	0.938754	1.03749	1.03749	0.829993	1.02993	1.02993	0.936588	1.06354	1.06354	0.884153	0.940992	1.0321	1.0321	0.844147	0.98641	1.01404	0.955552	0.98304	1.01345	0.974135	1.03452	1
cg03669307	GABARAPL2	0.91754	0.630859	1.20683	1.20683	0.986266	1.00671	1.00671	0.751165	1.13149	1.13149	0.351616	0.689197	-1.45096	0.961509	1.01892	1.01892	0.41938	1.37764	1.37764	0.756446	0.886206	-1.12841	0.546713	1.26723	1.26723	0.508666	0.770784	-1.29738	0.374398	0.894064	2.12267	1
cg00561891	MCF2L;MCF2L	0.917544	0.648543	1.65891	1.65891	0.416746	2.49792	2.49792	0.181164	4.787	4.787	0.951821	0.935526	-1.06892	0.834957	0.794434	-1.25876	0.834007	0.793364	-1.26046	0.763994	0.791907	-1.26317	0.794921	1.33285	1.33285	0.820999	0.778822	-1.28399	0.374389	7.21425	17.1281	1
cg01029575	CNOT3	0.917546	0.894881	1.05402	1.05402	0.937007	1.02307	1.02307	0.385947	1.30243	1.30243	0.844933	1.04255	1.04255	0.861865	1.02521	1.02521	0.840707	1.04087	1.04087	0.910146	0.902602	1.04102	1.04102	0.559585	1.2338	1.2338	0.137047	1.76883	1.76883	0.374386	0.751859	1.78511	1
cg13669089	DNAJC24;DCDC1	0.917562	0.322472	0.807261	-1.23876	0.936543	1.01682	1.01682	0.930257	0.981829	-1.01851	0.763698	1.0652	1.0652	0.749293	1.06948	1.06948	0.389586	1.20286	1.20286	0.543277	0.879064	-1.13757	0.64755	1.10123	1.10123	0.608179	1.11441	1.11441	0.374358	0.260208	0.617846	1
cg17763482	BAHD1	0.917563	0.975231	1.00468	1.00468	0.939358	1.00192	1.00192	0.561628	1.05059	1.05059	-1.08819	0.754809	-1.32614	0.803657	0.896888	-1.11507	0.779305	1.02351	1.02351	0.646854	0.858212	-1.16521	0.547359	1.06058	1.06058	0.894718	1.11767	1.04355	0.256383	0.680709	1	
cg01954438	KLHL25	0.91757	0.676221	0.849884	-1.17663	0.663541	1.18473	1.18473	0.8915	0.948517	-1.05428	0.334597	1.47018	1.47018	0.820247	0.915631	-1.09214	0.274151	1.55376	1.55376	0.961426	0.981444	-1.01891	0.500738	1.30301	1.30301	0.905616	1.04701	-1.04701	0.374343	0.889207	2.11145	1
cg07156563	CITED1;CITED1;CITED1;CITED1	0.917578	0.781957	1.3167	1.3167	0.628379	0.616525	-1.62199	0.293124	2.94907	2.94907	0.869366	1.1773	1.1773	0.685465	1.49748	1.49748	0.765799	1.34478	1.34478	0.789719	0.767168	-1.3035	0.287352	2.99066	2.99066	0.573176	1.7586	1.7586	0.374329	5.82999	13.844	1
cg12592815	SDK1;SDK1	0.917651	0.429265	1.38704	1.38704	0.893819	1.03582	1.03582	0.965528	1.02222	1.02222	0.736939	1.25265	1.25265	0.617557	1.42973	1.42973	0.447027	1.92051	1.92051	0.760701	1.16844	1.16844	0.362892	1.74629	1.74629	0.466944	1.4497	1.4497	0.374677	0.574478	1.41482	1
cg27531483	KDM5B	0.917653	0.697103	0.784032	-1.27456	0.602764	1.38625	1.38625	0.60237	1.3891	1.3891	0.949293	1.0404	1.0404	0.948509	0.619243	1.61488	0.387153	0.576152	-1.73565	0.527073	1.48977	1.48977	0.601919	1.38732	1.38732	0.772951	1.19715	1.19715	0.374193	2.293	5.44698	1
cg00098146	IFI30	0.917703	0.941005	1.04056	1.04056	0.952109	1.14397	1.03884	0.477	1.29907	1.29907	0.810047	1.81757	1.81757	0.961331	0.983662	1.00655	1.177461	1.72832	1.72832	0.367881	1.1957	1.1957	0.441845	0.972531	-1.02824	0.942877	1.02774	1.02774	0.374288	0.808708	2.03579	1
cg03437886	RALGPS2	0.917677	0.770866	1.08792	1.08792	0.171182	0.656783	-1.52257	0.392552	0.776676	-1.28754	0.880366	0.957475	-1.04441	0.732914	0.905892	1.10388	0.90126	1.03646	-1.03646	0.983488	0.994047	-1.00599	0.760517	0.915568	-1.09222	0.677065	0.886168	-1.12845	0.37415	0.493345	1.17207	1
cg08267539	KHK	0.917705	0.21237	2.12555	2.37255	0.790988	1.1909	1.1909	0.707973	1.28082	1.28082	0.411581	1.75714	1.75714	0.704725	1.21218	1.21218	0.864635	1.11877	1.11877	7	7	7	7	0.729579	-1.39186	0.912112	0.85843	-1.16548	0.26329	0.60956	1	
cg20117703	SMAD9;SMAD9	0.917751	0.903509	0.57566	1.07566	7	7	7	7	7	7	7	0.63609	0.629992	1.34	1.34	0.756325	0.829128	-1.20604	0.314611	0.883309	0.827754	-1.20928	0.314611	0.88309	0.827754	-1.20928	0.314611	0.883309	0.827754	-1.20928	0.314611	1.63579	1
cg11886695	IGSF11;IGSF11	0.917802	0.83952	1.15607	1.15607	0.8395	0.864985	-1.15609	0.753935	0.798594	-1.2522	0.417796	1.80798	1.80798	0.790275	1.21003	1.21003	0.285169	2.21221	2.21221	0.334958	2.03639	2.03639	0.546148	1.54784	1.54784	0.982984	1.01537	1.01537	0.375923	3.02948	7.20169	1
cg22440715	TRIM47	0.917834	7	7	7	7	0.838909	2.1436	0.448829	1.98162	1.98162	0.488946	1.86434	1.86434	0.763854	1.07273	1.07273	0.909956	1.04933	1.04933	0.547447	0.842586	-1.18677	0.490708	-2.00117	2.00117	0.018564	1.22617	1.22617	0.687768	1.441	1.441	0.165052	3.92424	10.1557	1
cg03676624	AOP11	0.917835	0.676616	0.676966	-1.47718	0.389944	0.440694	-2.26915	0.292285	0.361944	-2.76286	0.764229	1.38955	1.38955	0.305059	0.372376	2.68546	0.818551	1.807567	-1.23829	0.916368	0.906923	-1.10263	0.970386	0.966061	-1.03513	0.916511	1.10245	1.10245	0.373864	0.522442	12.1789	1
cg24157340	CERK	0.917841	0.854441	1.11032	1.11032	0.919442	1.14144	1.05934	0.695071	0.79892	-1.25169	0.71871	0.813735	-1.2289	0.197795	0.46033	-2.17235	0.55499	1.19539	1.19539	0.765745	1.18207	1.18207	0.842129	0.892979	-1.12035	0.381146	0.599557	-1.66845	0.373853	1.92283	4.5719	1
cg05280794	ABR;ABR	0.917845	0.891313	1.15413	1.15413	0.970206	0.892859	-1.12	0.76955	1.0628	1.0628	0.812125	1.3935	1.3935	0.899377	0.88123	-1.46793	0.870804	1.03866	1.03866	0.911206	0.885229	1.04827	1.04827	0.910346	0.885229	1.04827	1.04827	0.910346	0.885229	1.04827	1.04827	0.910346	0.885229	1.04827	1.04827	0.910346	1
cg04754196	MCF2L;MCF2L	0.917846	0.879868	0.962097	-1.04195	0.821378	0.941222	-1.06245	0.765985	1.08205	1.08205	0.382311	1.27126	1.27126	0.721761	0.897082	-1.11473	0.393005	0.791048	-1.26415	0.686833	0.897069	-1.11474	0.344047	0.770211	-1.29835	0.758617	0.920749	-1.08607	0.373843	0.424861	1.0102	1
cg16344195	PGP	0.917847	0.595589	1.09856	1.09856	0.934802	1.03207	1.03207	0.185947	1.30243	1.30243	0.844933	1.40256	1.40256	0.627	1.26877	1.26877	0.438705	1.2404	1.2404	0.767834	0.885339	-1.14913	0.805982	1.16902	1.16902	0.565671	1.07198	1.07198	0.374284	0.2552	0.623188	1
cg01026330	LCOR;LCOR	0.917854	0.873277	1.04051	1.04051	0.274398	0.753551	-1.32705	0.817343	1.05925	1.05925	0.915676	0.973992	-1.0267	0.470147	0.832926	-1.20059	0.599313	0.876424	-1.141	0.36109	0.79167	-1.26315	0.684318	1.10706	1.10706	0.925219	0.976912	-1.02363	0.375829	0.366509	0.871484	1
cg16821231	DHX30;DHX30;MIR122	0.917891	0.752461	1.13115	1.13115	0.206696	1.56944	1.56944	0.69757	1.16427	1.16427	0.321457	1.49027	1.49027	0.425142	1.3733	1.3733	0.794005	1.07615	1.07615	0.914553	0.791103	1.1078	1.1078	0.823149	0.98895	1.01095	0.836697	0.922759	-1.08371	0.373762	0.897994	2.13563	1
cg18316883	KHK1	0.917893	0.496861	0.7373	1.0733	0.82826	0.977969	-1.02253	0.563927	1.06164	1.06164	0.686394	1.0425	1.0425	0.682106	0.958649	-1.04313	0.3243	1.1002	1.1002	0.810027	0.975607	-1.025	0.443095	0.922943	-1.08349	0.893961	1.01377	1.01377	0.373758	0.062425	0.148028	1
cg26542892	C7orf50;C7orf50;C7orf50	0.917919	0.674126	0.6936	-1.44175	0.90399	0.900874	-1.11003	0.405753	0.479108	-2.08721	0.926559	0.923342	-1.08302	0.201053	0.310941	-3.21604	0.975947	0.974256	-1.02642	0.967252	0.965108	-1.03615	0.365753	0.947581	-1.23423	0.927348	1.08209	1.08209	0.373712	4.42945	10.5356	1
cg07931265	C10orf125;C10orf125	0.917934	0.21237	2.12555	2.37255	0.790988	1.1909	1.1909	0.707973	1.28082	1.28082	0.411581	1.75714	1.75714	0.704725	1.21218	1.21218	0.864635	1.11877	1.11877	7	7	7	7	0.729579	-1.39186	0.912112	0.85843	-1.16548	0.26329	0.60956	1	
cg07897659	CRELD2;CRELD2	0.917936	0.677576	1.26125	1.26125	0.24412	0.2038	0.038	0.369316	1.66833	1.66833	0.739335	1.20366	1.20366	0.580624	1.36311	1.36311	0.62249	1.31715	1.31715	0.443293	1.5525	1.5525	0.784063	1.16472	1.16472	0.770015	0.849815	-1.17673	0.373681	1.82376	4.33824	1
cg20460954	SAMD11;SAMD13;SAMD13;SAMD13	0.917939	0.5404	1.85041	1.85041	0.79708	1.14144	1.14144	0.75932	1.16428	1.16428	0.694828	1.27115	1.27115	0.568218	1.09123	1.09123	0.847413	1.31006	1.31006	0.684743	1.31006	1.31006	0.684743	1.31006	1.31006	0.684743	1.31006	1.31006	0.684743	1.31006	1.31006	0.684743	1.31006	1.31006	0.684743	1.31006	1.31006	0.684743	1
cg19570171	NPTXR	0.917955	0.648151	0.741768	-1.34813	0.914055	0.932234	-1.07271	0.85309	1.12809	1.12809	0.541581	1.49447	1.49447	0.869989	1.11238	1.11238	0.837239	1.1431	1.1431	0.701157	0.778251	-1.28493	0.185509	2.49133	2.49133	0.605976	1.40257	1.40257	0.373646	2.50162	5.95124	1
cg11705931	DYNLRB1;DYNLRB1	0.917965	0.576819	1.18747	1.18747	0.399059	1.301	1.301	0.82374	1.02703	1.07093	0.623631	0.860072	-1.16269	0.899255	0.962132	-1.03936	0.427728	0.781309	-1.2799	0.464298	1.25574	1.25574	0.931765	0.97423	-1.02645	0.54724	1.20399	1.20399	0.373628	0.549674	1.30772	1
cg24129914	ETF8	0.917975	7	7	7	7	0.844514	1.4121	1.4121	1.4121	1.4121	0.3947	1.10463	1.10463	1.869786	1.99798	1.99798	0.742004	1.10421	1.10421	0.508386	1.10421	1.10421	0.508386	1.12136	1.12136	0.39554	1.11787	1.11787	0.420584	0.538846	1.29372	3.09466	1
cg14151158	BTBD9;BTBD9;BTBD9	0.917975	0.835711	0.925584	-1.0804	0.385547	1.39274	1.39274	0.817272	1.09001	1.09001	0.45341	1.32898	1.32898	0.77474	0.898661	-1.11277	0.786334	1.10648	1.10648	0.354228	1.42608	1.42608	0.805401	1.09628	1.09628	0.485047	0.767813	-1.3024	0.375611	0.820546	1.95223	1
cg23042148	DNMT3A;DNMT3A PGAP2;NUP98;NUP98;PGAP2;NUP98;P	0.917989	0.234204	0.432495	-2.31217	0.536512	1.52301	1.52301	0.652

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Probeset ID	UCSC_REFGENE_NAME PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.047 vs. N)	p-value(105 N)	Fold-Change(1 vs.057 vs. N)	p-value(111 N)	Fold-Change(1 vs. N)	p-value(112 117 vs. N)	Fold-Change(1 vs. N)	p-value(112 12T vs. N)	Fold-Change(1 vs. N)	p-value(121 21T vs. N)	Fold-Change(1 vs. N)	p-value(347 vs. N)	p-value(347T vs. N)	p-value(353 vs. N)	Fold-Change(5 vs. N)	p-value(353T vs. N)	Fold-Change(5 vs. N)	p-value(537 vs. N)	Fold-Change(5 vs. N)	p-value(537T vs. N)	Fold-Change(5 vs. N)	Ratio(563 vs. N)	Fold-Change(5 vs. N)	F(Error)
cg03719152	PRKAR1B;PRKAR1B	0.918978	0.427335	1.77622	0.857744	1.13563	0.13563	0.529489	1.57074	1.57074	0.18053	2.74004	0.27404	0.658146	1.37007	1.37007	0.436089	1.75633	0.756123	1.29123	1.27944	1.27944	0.553708	1.52906	0.564515	1.36249	1.36249	0.371787	2.95878	7.074	1
cg13422881	ERCC5	0.918978	0.609908	1.3741	1.3741	0.769641	1.19885	1.19885	0.706371	1.26332	1.26332	0.992416	0.994147	-1.00589	0.738079	0.812799	-1.23032	0.968482	1.0247	1.0247	0.146548	2.61805	2.61805	0.674385	1.29819	1.29819	0.62948	1.35018	1.35018	0.371787	2.72.24598	5.36983	1
cg16280557	EHMT1;EHMT1	0.918986	0.629933	0.761501	-1.3132	0.485121	0.671586	-1.48004	0.646528	1.29582	1.29582	0.784491	1.16631	1.16631	0.406267	0.620791	-1.61095	0.817381	0.878134	-1.13878	0.339442	1.73771	1.73771	0.967532	1.07.9402	-1.02312	0.803976	1.14978	1.14978	0.371773	1.85454	4.43412	1
cg19590005	ESCO1	0.918993	0.816722	0.9071	-1.10241	0.880112	0.938575	-1.06544	0.541308	0.77128	-1.29655	0.524909	0.762926	-1.31074	0.263422	0.612847	-1.63173	0.839031	0.918124	-1.08918	0.322077	0.650762	-1.53666	0.810661	1.10606	1.10606	0.735623	1.15296	1.15296	0.371761	1.03855	2.4832	1
cg05024961	ZNF469	0.918994	0.578449	0.677976	-1.47458	0.349944	1.94678	1.94678	0.481795	1.64057	1.64057	0.852933	0.879421	-1.13711	0.388448	0.54226	-1.84414	0.996098	1.00261	1.00261	0.950241	0.95771	-1.04416	0.629656	1.39994	1.39994	0.870855	0.893459	-1.11925	0.371747	2.82664	6.74925	1
cg19491151	RUNX2;RUNX2;RUNX2	0.919015	0.774742	0.763065	-1.31051	0.538977	1.79717	1.79717	0.520441	1.84771	1.84771	0.678979	0.67556	-1.48025	0.428471	0.466813	-2.14219	0.906421	1.1172	1.1172	0.327349	0.385617	-2.59325	0.907524	0.896268	-1.11574	0.745746	1.35883	1.35883	0.37172	5.22896	12.5099	1
cg12525434	SPHKAP;SPHKAP	0.919028	0.539072	0.752405	-1.32907	0.623407	0.79687	-1.25491	0.505737	0.734254	-1.36199	0.5248	0.744666	-1.34288	0.814045	0.897818	-1.11381	0.187106	0.527478	-1.89582	0.841021	1.09565	1.09565	0.686472	0.830579	-1.20398	0.848466	1.09145	1.09145	0.371698	1.23195	2.94621	1
cg13225565	RIN3	0.919036	0.743717	1.20714	0.91385	0.93979	-1.06407	0.508847	0.680501	-1.46951	0.26639	0.514521	-1.94555	0.538774	0.695888	-1.42921	0.872663	0.912066	-1.09641	0.694511	1.2542	1.2542	0.803944	0.860987	-1.15342	0.51874	1.45556	1.45556	0.371984	3.1398	4.63574	1
cg12765138	CROCC1;2	0.919041	0.330898	0.828026	-1.20769	0.752943	1.06119	1.06119	0.902761	1.02326	1.02326	0.99283	0.998311	-1.00169	0.915006	0.980119	-1.02028	0.365893	0.839674	-1.19094	0.632478	1.09487	1.09487	0.615256	0.909082	-1.10001	0.419756	0.856361	-1.16773	0.371673	0.208273	0.498102	1
cg19706877	RPS6KA2;RPS6KA2	0.919045	0.704713	0.868145	-1.15139	0.71.2.1	1.10027	1.10027	0.547154	0.797509	-1.2539	0.636013	0.41824	-2.39156	0.840825	0.624528	-1.60206	0.80864	0.958263	-1.04355	0.757953	1.31615	1.31615	0.837709	1.4434	1.4434	0.974859	1.01177	1.01177	0.371625	0.811818	1.94178	1
cg03348149	C1orf112;C1orf156	0.919095	?	?	?	0.399841	2.10279	2.10279	0.239115	2.85951	2.85951	0.565629	1.65011	1.65011	0.978833	0.977358	-1.02317	0.886168	1.21901	1.21901	0.948457	1.05734	1.05734	0.936467	0.933557	-1.07117	0.749775	0.758848	-1.31779	0.352721	3.69313	10.4704	1
cg02302048	KDM4B	0.919193	0.455882	1.54917	-1.54917	0.203197	2.16887	2.16887	0.505927	1.47659	1.47659	0.545731	1.42251	1.42251	0.57437	1.58561	1.58561	0.41806	1.61157	1.61157	0.913294	1.0502	1.0502	0.763808	1.18969	1.18969	0.99427	1.00415	1.00415	0.372196	1.9545	4.67989	1
cg10482040	PSMF1;PSMF1	0.919218	0.844587	0.934559	-1.07002	0.27951	1.47359	1.47359	0.811714	1.521	1.521	-1.08578	0.321961	1.4231	1.4231	0.682511	1.867773	1.15238	0.978155	1.00949	1.00949	0.872444	1.05697	1.05697	0.934794	1.02862	1.02862	0.601565	0.833872	-1.19923	0.371351	0.699414	1.67416	1
cg26059822	RIP3;PARP3;PARP3	0.919265	0.575528	0.924433	-1.08174	0.631352	1.06945	1.06945	0.827544	1.03077	1.03077	0.897677	0.982280	-1.01803	0.249234	0.845971	-1.18207	0.999903	0.999983	-1.00002	0.576888	1.08144	1.08144	0.866389	1.02366	1.02366	0.526157	1.09331	1.09331	0.371625	0.113438	0.271595	1
cg08458686	MTMR7	0.919275	0.296545	0.449318	-2.26286	0.809838	0.833689	-1.19949	0.648325	0.794708	-1.41376	0.708884	1.32435	1.32435	0.421686	1.85764	1.85764	0.657726	1.39995	1.39995	0.815455	1.19202	1.19202	0.83328	0.85296	-1.17239	0.587939	0.66182	-1.51099	0.371247	3.44727	8.0145	1
cg14821327	NEU3	0.919311	0.634344	0.869658	-1.14988	0.528106	1.20479	1.20479	0.963692	0.98682	-1.01336	0.27882	0.720221	-1.38846	0.681661	1.12774	1.12774	0.413025	0.78269	-1.27765	0.629312	0.867826	-1.1523	0.816857	0.934621	-1.06995	0.976613	1.08058	1.08058	0.371182	0.49941	1.19597	1
cg20289988	NFIA;NFIA;NFIA;NFIA	0.919326	0.792178	1.04483	1.04483	0.960341	0.991776	-1.00829	0.830301	1.04238	1.04238	0.850964	0.969245	-1.03173	0.252676	1.21949	1.21949	0.854884	0.970052	-1.03087	0.980743	1.00402	1.00402	0.912768	1.22859	1.22859	0.725094	1.0604	1.0604	0.371154	0.162133	0.388297	1
cg01043485	NFIC	0.919343	0.835041	0.938677	-1.06533	0.263374	1.42227	1.42227	0.533345	1.21103	1.21103	0.996666	0.999873	-1.00013	0.860166	0.947893	-1.05497	0.64793	1.14973	1.14973	0.431226	0.78364	-1.2761	0.860282	0.882033	-1.13374	0.941879	1.02238	1.02238	0.371122	0.541367	1.29665	1
cg11872040	TBCD	0.919353	0.927832	0.942703	-1.06078	0.290897	2.04186	2.04186	0.677082	1.31361	1.31361	0.936179	1.05355	1.05355	0.421429	0.585719	-1.7073	0.933022	1.05627	1.05627	0.546029	1.48877	1.48877	0.441639	1.667	1.667	0.943087	0.954562	-1.0476	0.371104	2.49335	5.9722	1
cg02756044	CARS2	0.919362	0.50828	0.76373	-1.3128	0.328007	1.49526	1.49526	0.798223	1.10948	1.10948	0.854193	0.983109	-1.01718	0.989476	1.05584	1.05584	0.548244	1.27939	1.27939	0.50471	1.31591	1.31591	0.58711	0.840828	-1.18962	0.671088	1.840845	-1.18928	0.371087	0.966008	2.53158	1
cg23704141	ACTR3B;ACTR3B	0.919375	?	?	?	0.733157	1.11055	1.11055	0.797664	0.924298	-1.0819	0.481768	0.803247	-1.24495	0.242556	0.687459	-1.45463	0.986366	0.994778	-1.00525	0.740245	1.10733	1.10733	0.58246	0.843544	-1.18547	0.7251	0.897463	-1.11424	0.35221	0.465557	1.32182	1
cg15633679	INPP5A	0.919387	0.933032	1.10514	1.05314	0.737602	1.79154	1.79154	0.241352	2.1288	2.1288	0.88958	0.991987	-1.00808	0.912369	0.97017	-1.03087	0.496473	1.59316	1.59316	0.940106	0.954769	-1.04733	0.612889	0.792087	-1.26232	0.639447	1.28077	1.28077	0.371043	1.29455	3.14553	1
cg27281690	RNF144A	0.919416	0.452695	0.693643	-1.44166	0.688997	1.21211	1.21211	0.456351	1.43726	1.43726	0.735462	0.850314	-1.17604	0.732371	0.848627	1.17837	0.337263	0.623101	-1.60488	0.582664	0.766932	-1.3039	0.93729	0.963075	-1.03834	0.579443	0.765157	-1.30692	0.370989	1.34338	3.21872	1
cg14931686	NUP160	0.919417	0.804423	0.947112	-1.05583	0.930981	0.969209	-1.03177	0.871757	0.936093	-1.06834	0.565925	0.78864	-1.26801	0.378474	0.644734	1.44734	0.938992	1.03182	1.03182	0.50771	0.759277	-1.31704	0.266449	0.622646	-1.60605	0.828313	0.914967	-1.09294	0.370988	0.983745	2.35705	1
cg24691157	UBA1;UBA1	0.919418	0.666899	0.844977	-1.18356	0.49.2.1	1.09443	1.09443	0.654145	1.10721	-1.24388	0.301664	1.0401	1.0401	0.875343	0.944115	-1.05881	0.607847	1.03752	1.03752	0.96435	1.04171	1.04171	0.947689	1.25077	1.25077	0.255663	1.14854	1.14854	0.370984	0.594426	1.42426	1
cg04586748	ZBTB16;ZBTB16	0.919439	0.578508	1.4696	1.4696	0.443461	1.70916	1.70916	0.400306	1.80511	1.80511	0.340556	1.961613	1.961613	0.318801	2.02751	2.02751	0.448418	1.69888	1.69888	0.486666	1.62394	1.62394	0.941599	1.14713	1.14713	0.588133	1.45511	1.45511	0.370947	2.76476	6.6251	1
cg17568129	KBTBD3;AASDHPPT;KBTBD3	0.919477	0.905308	1.15071	1.03075	0.703535	1.03476	1.03476	-1.06589	0.683201	1.04238	1.04238	0.850964	0.969245	-1.03173	0.252676	1.21949	1.21949	0.854884	0.970052	-1.03087	0.980743	1.00402	1.00402	0.912768	1.22859	1.22859	0.725094	1.0604	1.0604	0.371154	0.162133	0.388297	1
cg25526093	SOBP	0.919501	0.791116	0.887857	-1.12631	0.872134	1.07484	1.07484	0.615965	0.799111	-1.25139	0.384953	1.49053	1.49053	0.443553	0.915691	-1.09207	0.629564	1.61767	-1.61873	0.560521	0.768184	-1.30177	0.557527	0.744309	-1.34153	0.898503	0.944424	-1.05885	0.370834	-1.7919	2.82652	1
cg16741889	WDR4;WDR4	0.919525	0.576102	1.21058	1.21058	0.93871	0.974319	-1.02636	0.814849	1.0826	1.0826	0.547145	0.813736	-1.2289	0.471934	1.28088	1.28088	0.751885	0.898251	-1.11327	0.526145	1.24273	1.24273	0.799564	0.917522	-1.08989	0.294079	1.44405	1.44405	0.370791	0.672164	1.61137	1
cg00446052	C1orf51	0.919525	0.953211	1.09307	1.03.2.1	0.722497	1.12191	1.12191	0.542153	1.17634	1.17634	0.742496	0.844607	-1.18405	0.994375	1.01633	-1.01633	0.350377	0.713479	1.46243	0.642304	0.777784	1.28571	0.674985	0.877784	-1.13976	1.18375	0.489407	1.32006	1.32006	0.370779	0.918283	2.20138	1
cg12760327	SMAD9;SMAD9	0.919571	0.770063	0.869355	-1.15028	0.877842	0.929162	-1.07624	0.860271	1.08781	1.08781	0.929799	1.04299	1.04299	0.738733	1.17338	1.17338	0.829544	1.61767	-1.61873	0.560521	0.768184	-1.30177	0.557527	0.744309	-1.34153	0.898503	0.944424	-1.05885	0.370834	-1.7919	2.82652	1
cg26366360	PYCR1;PYCR1	0.919604	0.813004	0.928376	-1.08008	0.873502	1.11734	1.11734	0.541352	1.13328	1.13328	0.537265	0.907883	-1.10228	0.942024	1.06121	-1.06121	0.707855	1.07017	1.07017	0.934202	1.07605	1.07605	0.818089	0.929484	-1.07569	0.911612	1.09382	1.09382	0.370697	1.16126	2.886449	1
cg16778769	ATP5G2;ATP5G2;ATP5G2;ATP5G2	0.919577	0.644452	1.0732	1.0732	0.658532	0.934624	-1.06995	0.420362	0.882367	-1.13331	0.945911	1.01037	1.01037	0.910241	0.983003	1.01729	0.711772	1.05804	1.05804	0.261404	0.836907	-1.19488	0.511731	0.903783	-1.10646	0.884954	1.02225	1.02225	0.370695	0.135672	0.325328	1
cg00460260	ELOVL6;ELOVL6;ELOVL6;ELOVL6	0.919581	0.816926	0.752231	-1.32938	0.302546	0.2652	-1.77074	0.997913	0.996796	-1.00321	?	?	?	?	?	?	0.848957	1.2637	1.2637	0.703735	1.59935	1.59935	0.855692	1.25039	1.25039	?	?	0.370693	4.4365	15.1393	1
cg10805667	LRTOMT;LRTOMT;C11orf59;LRTOMT	0.919661	0.78014	0.849753	-1.17712	0.710117	0.869962	-1.14953	0.590514	1.4087	1.4087	0.744702	1.01603	1.01603	0.209408	0.725482	-1.37839	0.666309	1.11096	1.11096	0.897209	1.03185	1.03185	0.824054	0.979925	-1.02467	0.756485	0.927309	-1.07839	0.370636	0.345513	0.828678	1
cg10795105	ZNF398;ZNF398	0.919629	0.36608	0.798413	-1.25248	0.732226	0.920104	-1.08683	0.484593	1.18791	1.18791	0.78072	1.07	1.07	0.870711	1.04028	1.04028	0.469654	0.83666	-1.19523	0.890321	0.967103	-1.03402	0.855736	1.04511	1.04511	0.433898	1.2136	1.2136	0.3706	0.349888	0.827458	1
cg25081985	ATP6V1H;ATP6V1H;ATP6V1H	0.919632	0.242553	0.441573	-2.26475	0.720354	0.2839	1.39089	0.744067	1.38796	1.38796	0.751016	1.37989	1.37989	0.508064	1.97231	1.97231	0.475054	0.479619	-2.08449	0.407265	0.355644	1.08878	0.783452	0.759702	-1.32137	0.624128	1.64801	1.64801	0.370596	0.60569	1.24349	1
cg19503118	DDIT3	0.919642	0.81758	0.916338	-1.0913	0.628305	1.20258	1.20258	0.808685	0.912353	-1.09607	0.393528	1.39167	1.39167	0.656164	0.92934	1.07603	0.6081	1.2602	1.2602	0.540529	0.689746	-1.44951	0.526576	0.784559	-1.2746	0.804014	0.922098	-1.08448	0.370827	0.83926	2.0131	1
cg00527869	SPATS2;SPATS2L;SPATS2L	0.919668	0.922053	1.02567	1.02567	0.863001	1.04608	1.04608	0.641602	0.885699	-1.12905	0.824698	0.944175	-1.05913	0.709166	1.10187	1.10187	0.92307	0.943945	-1.05938	0.321585	1.30363	1.30363	0.277189	0.746295	-1.33995	0.937839	0.980037	-1.0204	0.370528	0.393454	0.943886	1
cg25984592	PAOX;PAOX	0.919686	0.901242	1.07987	1.0638	0.734457	0.939389	-1.06488	0.744067	1.08796	1.08796	0.751016	1.37989	1.37989	0.508064	1.97231	1.97231	0.857598	0.831132	-1.20314	0.647339	0.77653	-1.28773	0.642328	0.824354	-1.21352	0.649405	0.797072	-1.32137	0.624128	1.64801	1.64801	0.370596	0.60569	1.24349	1
cg17380091	REXO1	0.919707	0.826366	0.916398	-1.09123	0.802424	0.905227	-1.1047	0.877171	1.06335	1.06335	0.698326	0.856688	-1.16729	0.200887	0.584786	-1.71003	0.499338	0.76159	-1.31304	0.3947	0.768157	-1.30177	0.557527	0.744309	-1.34153	0.898503	0.944424	-1.05885	0.370834	-1.7919	2.82652	1
cg23374762	TNNL1;TNNL1	0.919718	0.906345	1.05.2.1	1.02862	0.828428	1.08428	1.08428	0.511564	1.16637	1.16637	0.864727	0.972178	-1.02862	0.857833	0.834115	-1.19882	0.715044	0.9095	-1.0742	0.862867	0.885658	1.12943	0.497706	0.748514	-1.33615	1.0002	1.0002	0.370417	0.229534	0.536385	1.25202	1
cg27044622	UCK2	0.919755	0.999264	0.999345	-1.00096	0.565598	1.5105	1.5105	0.70924	1.30472	1.30472	0.633422	0.710919	-1.40663	0.4519	0.580275	-1.72332	0.327441	0.487786	-2.05008	0.62635	0.705796	-1.41684	0.679197	1.34355	1.34355	0.707162	1.30734	1.30734	0.370371	2.95807	7.09935	1
cg25098450	SHISH9	0.919767	0.675365	1.34152	1.34152	0.965167	0.969697	-1.03416	0.859146	1.06033	1.06033	0.912388	0.912388	-1.09609	0.519974	1.5765	1.5765	0.837378	0.860526	-1.16204	0.51583	1.15322	1.15322	0.894462	0.880446	-1.1281	0.709598	0.907972	-1.10136	0.370878	0.98177	0.915973	1
cg25526093	SOBP	0.919501	0.791116	0.887857	-1.12631	0.872134	1.07484	1.07484	0.615965	0.799111	-1.25139	0.384953	1.49053	1.49053	0.443553	0.915691	-1.09207	0.629564	1.61767	-1.61873	0.560521	0.768184	-1.30177	0.557527	0.744309	-1.34153	0.898503	0.944424	-1.05885	0.370834	-1.7919	2.82652	1
cg16741889	WDR4;WDR4	0.919525	0.576102	1.21058	1.21058	0.93871	0.974319	-1.02636	0.814849	1.0826	1.0826	0.547145	0.813736	-1.2289	0.471934	1.28088	1.28088	0.751885	0.898251	-1.11327	0.526145	1.24273	1.24273	0.799564	0.917522	-1.08989	0.294079	1.44405	1.44405	0.370791	0.672164	1.61137	1
cg00446052	C1orf51	0.919525	0.953211	1.09307	1.03.2.1	0.722497	1.12191	1.12191	0.542153	1.17634	1.17634	0.742496	0.844607	-1.18405	0.994375	1.01633	-1.01633	0.350377	0.713479	1.46243	0.642304	0.777784	1.28571	0.674985	0.877784	-1.13976	1.18375	0.489407	1.32006	1.32006	0.370779	0.918283	2.20138	1
cg27603287	SMAD9;SMAD9	0.919571	0.770063	0.869355	-1.15028	0.877842	0.929162	-1.07624	0.860271	1.08781	1.08781	0.929799	1.04299	1.04299	0.738733	1.17338	1.17338	0.829544	1.61767	-1.61873	0.560521	0.768184	-1.30177	0.557527	0.744309	-1.34153	0.898503	0.944424	-1.05885	0.370834	-1.7919	2.82652	1
cg26366360	PYCR1;PYCR1	0.919604	0.813004	0.928376	-1.08008	0.873502	1.11734	1.11734	0.541352	1.13328	1.13328	0.537265	0.907883	-1.10228	0.942024	1.06121	-1.06121	0.707855	1.07017	1.07017	0.934202	1.07605	1.07605	0.818089	0.929484	-1.07569	0.911612	1.09382	1.09382	0.370697	1.16126	2.886449	1
cg16778769	ATP5G2;ATP5G2;ATP5G2;ATP5G2	0.919577	0.644452	1.0732	1.0732	0.658532	0.934624	-1.06995	0.420362	0.882367	-1.13331	0.945911	1.01037	1.01037	0.910241	0.983003	1.01729	0.711772	1.05804	1.05804	0.261404	0.836907	-1.19488	0.511731	0.903783	-1.10646	0.884954	1.02225	1.02225	0.370695	0.135672	0.325328	1
cg00460260	ELOVL6;ELOVL6;ELOVL6;ELOVL6	0.919581	0.816926	0.752231	-1.32938	0.302546	0.2652	-1.77074	0.997913	0.996796	-1.00321	?	?	?	?	?	?	0.848957	1.2637	1.2637	0.703735	1.59935	1.59935	0.855692	1.25039	1.25039	?	?	0.370693	4.4365	15.1393	1
cg10805667	LRTOMT;LRTOMT;C11orf59;LRTOMT	0.919661	0.78014	0.849753	-1.17712	0.710117	0.869962	-1.14953	0.590514	1.4087	1.4087	0.744702	1.01603	1.01603	0.209408	0.725482	-1.37839	0.666309	1.11096	1.11096	0.897209	1.03185	1.03185	0.824054	0.979925	-1.02467	0.756485	0.927309	-1.07839	0.370636	0.345513	0.828678	1
cg10795105	ZNF398;ZNF398	0.919629	0.36608	0.798413	-1.25248	0.732226	0.920104	-1.08683	0.484593	1.18791	1.18791	0.78072	1.07	1.07	0.870711	1.04028	1.04028	0.469654	0.83666	-1.19523	0.890321	0.967103	-1.03402	0.855736	1.04511	1.04511	0.433898	1.2136	1.2136	0.3706	0.349888	0.827458	1
cg25081985	ATP6V1H;ATP6V1H;ATP6V1H	0.919632	0.242553	0.441573	-2.26475	0.720354	0.2839	1.39089	0.744067	1.38796	1.38796	0.751016	1.37989	1.37989	0.508064	1.97231	1.97231	0.475054	0.479619	-2.08449	0.407265	0.355644	1.08878	0.783452	0.759702	-1.32137	0.624128	1.64801	1.64801	0.370596	0.60569	1.24349	1
cg19503118	DDIT3	0.919642	0.81758	0.916338	-1.0913	0.628305	1.20258	1.20258	0.808685	0.912353	-1.09607	0.393528	1.39167	1.39167	0.656164	0.92934	1.07603	0.6081	1.2602	1.2602	0.540529	0.689746	-1.44951	0.526576	0.784559	-1.2746	0.804014	0.922098	-1.08448	0.370827	0.83926	2.0131	1
cg00527869	SPATS2;SPATS2L;SPATS2L	0.919668	0.922053	1.02567	1.02567	0.863001	1.04608	1.04608	0.641602	0.885699	-1.12905	0.824698	0.944175	-1.05913	0.709166	1.10187	1.10187	0.92307	0.943945	-1.05938	0.321585	1.30363	1.30363	0.277189	0.746295	-1.33995	0.937839	0.980037	-1.0204	0.370528	0.393454	0.943886	1
cg25984592	PAOX;PAOX	0.919686	0.901242	1.07987	1.0638	0.734457	0.939389	-1.06488	0.744067	1.08796	1.08796	0.751016	1.37989	1.37989	0.508064	1.97231	1.97231	0.857598	0.831132	-1.20314	0.647339	0.77653	-1.28773	0.642328	0.824354	-1.21352	0.649405	0.797072	-1.32137	0.624128	1.64801	1.64801	0.370596	0.60569	1.24349	1
cg17380091	REXO1	0.919707	0.826366	0.916398	-1.09123	0.802424	0.905227	-1.1047	0.877171	1.06335	1.06335	0.698326	0.856688	-1.16729	0.200887	0.584786	-1.71003	0.499338	0.76159	-1.31304	0.3947	0.768157	-1.30177	0.557527	0.744309	-1.34153	0.898503	0.944424	-1.05885	0.370834	-1.7919	2.82652	1
cg23374762	TNNL1;TNNL1	0.919718	0.906345	1.05.2.1	1.02862	0.828428	1.08428	1.08428	0.511564	1.16637	1.16637	0.864727	0.972178	-1.02862	0.857833	0.834115	-1.19882	0.715044	0.9095	-1.0742	0.862867	0.885658	1.12943	0.497706	0.748514	-1.33615	1.0002	1.0002	0.370417	0.229534	0.536385	1.25202	1
cg27044622	UCK2	0.919755	0.999264	0.999345	-1.00096	0.565598	1.5105	1.5105	0.70924	1.30472	1.30472	0.633422	0.710919	-1.40663	0.4519	0.580275	-1.72332	0.327441	0.487786	-2.05008	0.62635	0.705796	-1.41684	0.679197	1.34355	1.34355	0.707162	1.30734	1.30734	0.370371	2.95807	7.09935	1
cg25098450	SHISH9	0.919767	0.675365	1.34152	1.34152	0.965167	0.969697	-1.03416	0.859146	1.06033	1.06033	0.912388	0.912388	-1.09609	0.519974	1.5765	1.5765	0.837378	0.860526	-1.16204	0.51583	1.15322	1.15322	0.894462	0.880446	-1.1281	0.709598	0.907972	-1.10136	0.370878	0.98177	0.915973	1
cg18067134	FOXP1	0.919722	0.642452	1.28812	1.28812	0.988642	1.00774	1.00774	0.840202	1.26456	1.26456	0.707591	1.43125	1.43125	0.630461	1.76915	1.76915	0.815524	1.88114	1.1349	0.312146	1.76146	1.76146	0.655729	1.27503	1.27503	0.745423	0.663813	1.50645	0.370968	0.75368	4.12757	1
cg22680252	MFHAS1	0.919778	0.750255	0.845332	-1.18297	0.64393	0.762784	-1.27749	0.922665	0.950193	-1.05242	0.998689	1.00087	1.00087	0.59238	1.3983	1.3983	0.755286	1.17881	1.17881	0.180105

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2ST vs. N)	Fold-Change(121T vs. 2ST vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. 537T vs. N)	Fold-Change(537T vs. 537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg24709027	SORL9\U1	0.9220911	0.350069	1.2045	1.2045	1.823759	0.04409	1.04409	0.566727	1.11853	0.11853	0.550173	0.12455	1.12455	0.668727	1.08683	0.108683	0.270753	1.2326	1.2326	0.666375	0.919571	1.08746	0.971458	0.9938311	1.007032	0.741215	0.937905	1.06621	0.868252	0.218233	0.526772	1
cg01469719	VASN;CORO7	0.920918	0.78607	1.28114	0.21284	0.228989	2.4984	2.4984	0.742173	1.27054	1.27054	0.991502	0.992305	1.00775	0.446007	1.75669	1.75669	0.721741	1.29611	1.29611	0.385735	1.9059	1.9059	0.398402	1.87219	1.87219	0.992578	0.993276	1.00677	0.368239	3.06808	7.40602	1
cg01940743	NARF;NARF;NARF;NARF	0.920951	0.87361	1.0264	1.0264	0.499302	1.11878	1.11878	0.649956	1.07764	1.07764	0.925643	1.01539	1.01539	0.381969	1.15806	1.15806	0.891021	1.02269	1.02269	0.962098	1.00781	1.00781	0.471349	1.1274	1.1274	0.193319	1.25268	1.25268	0.368178	0.156188	0.377082	1
cg01286683	ARHGAP22	0.92098	0.635862	1.15236	1.15236	0.941786	0.978524	1.02176	0.475504	0.805948	1.24077	0.41041	1.28438	1.28438	0.992193	1.00291	1.00291	0.591503	1.851257	1.7343	0.132462	1.3497	1.3497	0.879876	1.06099	1.06099	0.64599	0.827633	0.937224	1.06698	0.368124	0.515372	1.24444	1
cg26678978	CCK8R	0.921012	0.911183	1.02647	1.02647	0.360307	1.25267	1.25267	0.332674	1.27046	1.27046	0.407267	1.31127	0.539823	1.1603	1.1603	0.49633	1.17993	1.17993	0.564067	0.880633	1.41995	1.85901	0.9581	1.04351	0.890484	0.967538	1.03355	0.368064	0.33448	0.807781	1
cg21620984	PLSCR4;PLSCR4;PLSCR4;PLSCR4	0.921016	0.605739	0.678019	1.47498	0.643723	1.41563	1.41563	0.260003	2.40333	2.40333	0.884199	0.896942	1.1149	0.718442	0.763224	1.31023	0.561842	0.645498	1.54919	0.641326	0.7046	1.41925	0.656703	0.716165	1.39633	0.75796	0.793093	1.25946	0.368057	1.24658	7.84076	1
cg10095511	CTSO	0.921024	0.976794	1.00809	1.00809	0.935421	0.977814	-1.02269	0.494726	0.825341	-1.21162	0.985989	0.99515	-1.00487	0.615004	0.869014	-1.15073	0.203377	1.45021	1.45021	0.741305	0.912363	-1.09605	0.745219	0.913685	-1.09447	0.781088	0.925772	-1.08018	0.368044	0.446774	1.07904	1
cg00403498	PIRT1;PPT2	0.921029	0.948068	0.92821	-1.07549	0.879107	0.785441	-1.27317	0.94163	0.921449	-1.08525	0.272881	0.57861	1.57861	0.494261	0.66046	-1.27174	0.536101	2.03178	2.03178	0.707498	0.656302	-1.52569	0.535646	0.496181	-2.01539	0.856783	1.22364	1.22364	0.368039	7.27607	17.5732	1
cg01579712	AKAP8;AKAP8	0.921036	0.965545	1.03727	1.03727	0.583488	0.625144	-1.59563	0.504422	0.77272	1.29372	0.874846	0.74833	1.34331	0.573997	1.61922	1.61922	0.473613	1.85707	1.85707	?	?	?	?	?	?	?	?	?	0.368057	0.29428	2.18685	8.65361	1
cg13281719	ATG16L1;ATG16L1	0.921037	0.817411	0.94236	-1.06117	0.849787	1.04988	1.04988	0.366811	1.26738	1.26738	0.733027	0.915858	-1.09187	0.382285	0.79452	-1.25862	0.998887	0.999642	-1.00036	0.43573	1.22646	1.22646	0.975985	0.992303	-1.00776	0.551969	1.16705	1.16705	0.368019	0.384103	0.927737	1
cg08376585	NTAN1	0.921084	0.98485	1.00396	1.00396	0.938854	1.03431	1.03431	0.936132	0.983446	-1.01683	0.894272	0.972684	-1.02808	0.706764	0.917353	-1.09062	0.77569	1.06131	1.06131	0.417869	1.18919	1.18919	0.828527	0.955826	-1.04622	0.670464	1.10925	1.10925	0.367912	0.25281	0.610765	1
cg13998834	UCK1;UCK1	0.921132	0.847338	1.13204	1.13204	0.255081	2.14815	2.14815	0.232527	1.49335	1.49335	0.537244	1.49515	1.49515	0.532527	1.50201	1.50201	0.33946	1.88427	1.88427	0.386712	1.76997	1.76997	0.571604	1.44463	1.44463	0.701586	1.28114	1.28114	0.367844	2.41232	5.82931	1
cg07214455	SCHIP1	0.92114	0.455333	0.605205	-1.62324	0.224317	0.523001	-1.91204	0.837442	0.827365	-1.15978	0.657023	0.752357	-1.32919	0.550448	0.680582	-1.46916	0.420806	0.502321	-1.68827	0.345098	0.460162	-2.16989	0.721665	0.796302	-1.25581	0.623231	0.728253	-1.37221	0.367829	2.36224	5.70854	1
cg04710680	LOC153684	0.921152	0.696473	0.492324	-2.03111	0.430492	0.233504	-4.28258	0.723142	0.525725	-1.90214	0.560697	0.945272	-2.89627	0.222169	0.0983539	-10.16374	?	?	?	0.893269	1.27726	1.27726	0.959957	1.095	1.095	0.936581	1.15471	1.15471	0.348949	3.16517	46	1
cg26502583	KLHL10;NTSC3L	0.921193	0.993875	1.00413	1.00413	0.879024	1.08527	1.08527	0.330657	0.583163	-1.71479	0.868532	0.914844	-1.09308	0.892408	1.07541	1.07541	0.3798	1.61268	-1.62262	0.929678	1.04856	1.04856	0.304022	1.04105	1.04105	0.351312	1.67424	1.67424	0.367732	1.68108	4.06353	1
cg14480581	SNX9	0.921201	0.7985892	1.2055	1.20955	0.236814	2.15438	2.15438	0.315041	1.29068	1.29068	0.810065	1.19551	1.19551	0.819381	1.18549	1.18549	0.7398	1.7398	1.7398	0.45273	1.76928	1.76928	0.743313	1.27703	1.27703	0.355758	1.10286	1.10286	0.367112	1.19966	3.24855	1
cg26934072	GFER	0.921206	0.85388	0.961225	-1.04034	0.469147	1.17114	1.17114	0.416104	1.19516	1.19516	0.536094	0.874241	-1.14385	0.559911	1.13479	1.13479	0.784005	0.942765	-1.06071	0.511314	0.866843	-1.15361	0.575592	1.12899	1.12899	0.886225	1.03119	1.03119	0.367708	0.26796	0.647761	1
cg15814923	PRKAA	0.921227	0.996398	1.00248	1.00248	0.558463	1.18263	1.18263	0.867581	1.09567	1.09567	?	?	?	0.219317	0.504702	-1.98137	0.668506	0.789002	-1.26598	0.686198	0.800695	-1.24891	0.85353	1.10648	1.10648	0.672804	0.792381	-1.26202	0.348811	1.47209	4.22012	1
cg13530114	ZBTB25;ZBTB1;ZBTB1	0.921248	0.345948	1.28242	1.28242	0.650346	1.52406	1.52406	0.170784	1.70556	1.70556	0.504439	1.58958	1.58958	0.187364	1.43082	1.43082	0.921018	0.974904	-1.02574	0.989417	1.0034	1.0034	0.800209	1.06715	1.06715	0.820387	1.06001	1.06001	0.367631	0.382412	0.924628	1
cg17477756	HNRNPM;HNRNPM	0.92125	0.519303	1.37274	1.37274	0.310364	1.66371	1.66371	0.826904	1.11205	1.11205	0.83038	0.901196	-1.10954	0.544703	1.34622	1.34622	0.666935	1.23363	1.23363	0.427466	0.675093	-1.48128	0.780459	0.873277	-1.14511	0.914371	0.949176	-1.05355	0.367627	1.3691	3.31084	1
cg00848434	C7orf10;C7orf11;C7orf11	0.921257	0.721397	0.897484	-1.11423	0.842171	0.956556	-1.26207	0.947233	0.880206	-1.02019	0.829475	0.73786	-1.35527	0.994107	1.00023	1.00023	0.279424	0.712002	-1.40449	0.447798	0.791603	-1.26326	0.699228	1.12443	1.12443	0.800942	1.0793	1.0793	0.367614	0.53125	1.28466	1
cg25977304	POU2F1	0.921297	0.488191	0.686094	-1.45753	0.469995	0.67489	-1.48172	0.559945	0.729541	-1.37072	0.67328	0.797019	-1.25467	0.907313	0.939593	-1.06429	0.811397	0.879955	-1.13642	0.899187	0.934443	-1.07016	0.330008	1.73216	1.73216	0.620155	1.30641	1.30641	0.367844	2.41232	5.82931	1
cg19987440	SPATA5;NUDT6;NUDT6;NUDT6	0.921302	0.329323	0.760265	-1.30537	0.587213	0.864938	-1.15615	0.746109	0.85626	-1.16753	0.814802	0.716028	-1.39642	0.884209	1.13057	1.13057	0.172668	1.10287	1.10287	0.26406	0.734797	-1.36092	0.883447	1.04662	1.04662	0.892291	1.03651	1.03651	0.367532	0.407868	1.08644	2
cg10953436	C14orf49	0.921304	0.691603	0.769844	-1.29873	0.228988	0.457089	-2.28787	0.559805	0.679382	-1.47193	0.453175	0.65032	1.65032	0.8822	0.907369	1.10209	0.535965	0.663062	-1.50815	0.829041	0.867825	-1.15231	0.788204	0.838181	-1.19306	0.993182	0.994414	1.00562	0.367528	2.50166	6.05042	1
cg24866491	THAP5;THAP5;DNAJB9	0.921342	0.927863	1.01786	1.01786	0.27927	1.246	1.246	0.574188	0.894934	-1.1174	0.423474	0.852279	-1.17332	0.621502	0.907279	-1.1022	0.744849	1.06593	1.06593	0.312353	1.01651	1.01651	0.801014	1.05062	1.05062	0.737791	1.0679	1.0679	0.367458	0.222482	0.53819	1
cg23489587	LOC728854	0.921356	0.573321	1.08779	1.08779	0.74507	1.10272	1.10272	0.744596	1.12616	1.12616	0.648513	1.14263	1.14263	0.712842	1.12842	1.12842	0.416597	1.14675	1.14675	0.398513	1.12842	1.12842	0.422516	1.10385	1.10385	0.454748	0.992692	-1.00736	0.214801	1.2002	2.24034	0.27432	1
cg22240520	VIPR2	0.921383	0.722525	1.09547	1.09547	0.574258	0.864876	-1.15624	0.776513	1.0755	1.0755	0.86204	1.04549	1.04549	0.700355	1.10395	1.10395	0.878332	0.96158	-1.03996	0.156543	1.47341	1.47341	0.998967	1.00033	1.00033	0.908668	1.02978	1.02978	0.367382	0.380567	0.920791	1
cg20908919	PRICKLE1;PRICKLE1;PRICKLE1;PRICKLE1	0.921386	0.31514	1.90027	1.90027	0.880459	1.09748	1.09748	0.220465	2.21718	2.21718	0.717366	1.25193	1.25193	0.922237	1.35927	1.35927	0.516647	1.50143	1.50143	0.784762	0.844329	-1.18437	0.838868	1.13411	1.13411	0.909939	1.07244	1.07244	0.367377	0.222382	5.37824	1
cg13627598	PCNX3	0.921413	0.883602	0.872414	-1.14624	0.54091	1.78018	1.78018	0.281592	2.83662	2.83662	0.614495	0.623021	-1.60508	0.443523	0.482932	-2.07068	0.985409	0.983106	-1.01718	0.788362	0.778271	-1.2849	0.822002	1.2336	1.2336	0.702141	0.699069	-1.43047	0.367327	5.05013	12.2207	1
cg04516152	SNHG7;SNORA17;SNHG7;SNHG7	0.921432	0.442358	1.18516	1.18516	0.707284	0.928358	-1.07703	0.787123	0.880206	-1.13622	0.66225	1.08338	1.08338	0.704772	1.33946	1.33946	0.487404	0.858125	-1.1653	0.678395	0.99465	-1.00466	0.852617	0.99465	-1.00466	0.852617	0.965469	-1.04116	0.784017	0.942397	-1.06112	0.382755	0.273569	0.662135	1
cg10201608	GGCX;GGCX;GGCX	0.921475	0.600414	0.918549	-1.08867	0.859918	0.979181	-1.02126	0.956117	0.991193	-1.00888	0.686416	1.06742	1.06742	0.916966	0.983376	-1.0169	0.541898	1.10434	1.10434	0.234409	0.814931	1.0312	1.0312	0.557765	1.09998	1.09998	0.367212	0.150279	0.363773	1
cg00090265	FBXL3	0.921484	0.865801	1.07361	1.07361	0.732027	0.899107	-1.05118	0.779994	0.926374	-1.12023	0.748657	0.802763	-1.24579	0.812778	0.76562	-1.30652	0.721668	0.822369	1.4907	0.660982	0.965168	-1.03597	0.731616	0.734777	-1.3609	0.808509	0.927734	-1.07789	0.367195	0.408868	0.986442	1
cg09969776	VPS53;VPS53	0.921513	0.975023	0.985261	-1.01496	0.955008	1.02712	1.02712	0.458968	1.42993	1.42993	0.992641	1.00438	1.00438	0.973666	1.01578	1.01578	0.715448	1.18963	1.18963	0.15507	2.05788	2.05788	0.739879	1.1712	1.1712	0.525427	1.35687	1.35687	0.367142	1.30795	3.16668	1
cg05374263	CDH5	0.921525	0.936861	1.76867	1.76867	0.414239	1.73487	1.73487	0.862212	1.12152	1.12152	0.942343	0.953369	-1.04891	0.953803	0.962475	-1.03899	0.280263	2.09801	2.09801	0.557474	0.675932	-1.47994	0.783544	1.19937	1.19937	0.911323	1.07632	1.07632	0.367121	2.53424	6.136	1
cg23535137	CRADD	0.921538	0.525153	1.09419	1.09419	0.752049	0.946049	-1.02819	0.964104	0.944338	-1.06439	0.911452	0.902422	-1.10762	0.946934	0.911599	-1.09722	0.584286	1.04613	1.04613	0.847009	0.855156	1.15594	1.15594	0.556529	1.79609	1.79609	0.338852	1.93725	1.93725	0.486611	0.47137	2.12147	0.945097	0.582552	15.9389	1
cg18353817	CMTM7;CMTM7	0.92157	0.302195	2.31063	2.31063	0.990187	0.99041	-1.00968	0.599814	1.51413	1.51413	0.931085	0.93447	-1.07013	0.434569	0.5354	-1.86776	0.709148	0.745578	-1.34124	0.755106	1.27784	1.27784	0.504059	0.587862	-1.70108	0.859247	0.870151	-1.14923	0.367038	3.56921	8.64387	1
cg20898122	WDD23;WDD23	0.921572	0.861389	0.965384	-1.03577	0.868459	1.18273	1.15273	0.864585	0.960156	-1.0415	0.881448	0.970868	-1.03054	0.942729	1.02167	1.02167	0.452862	1.1666	1.1666	0.428877	0.729496	1.37045	1.37045	0.850403	1.26376	1.26376	0.615983	1.19512	1.19512	0.350034	0.236379	0.671983	1
cg25451194	AHSA2	0.921593	0.677191	0.711318	-1.40584	0.560933	0.61979	-1.61345	0.881354	0.885574	-1.12921	0.827797	1.19393	1.19393	0.503176	0.575322	1.73816	0.479708	0.55733	-1.79427	0.342742	0.451429	-2.21519	0.925753	0.437979	-2.28322	0.730192	1.32536	1.32536	0.366994	1.84793	9.31998	1
cg11037134	NCLN	0.921606	0.807202	1.11941	1.11941	0.793886	0.88621	-1.1284	0.389057	1.50268	1.50268	0.569927	1.30332	1.30332	0.783073	1.13579	1.13579	0.200106	1.86722	1.86722	0.994868	1.00297	1.00297	0.545234	1.32639	1.32639	0.952426	0.972849	-1.02791	0.366982	1.23716	2.99659	1
cg25162588	SETBP1	0.921622	0.861389	0.965384	-1.03577	0.868459	1.18273	1.15273	0.864585	0.960156	-1.0415	0.881448	0.970868	-1.03054	0.942729	1.02167	1.02167	0.452862	1.1666	1.1666	0.428877	0.729496	1.37045	1.37045	0.850403	1.26376	1.26376	0.615983	1.19512	1.19512	0.350034	0.236379	0.671983	1
cg09832551	RING1	0.921644	0.792474	1.14822	1.14822	0.41145	0.643899	-1.55304	0.486043	0.690032	-1.44921	0.680333	0.804805	-1.24254	0.532532	1.39287	1.39287	0.586875	1.3332	1.3332	0.541628	1.38245	1.38245	0.612862	0.765328	-1.30663	0.931492	1.0461	1.0461	0.3669	1.59652	3.86768	1
cg03120789	OTUD3	0.921667	0.678284	0.814095	-1.22826	0.492291	0.842121	-1.18425	0.615297	0.741025	-1.34935	0.615297	0.74045	-1.34675	0.615297	0.741025	-1.34935	0.831447	1.08108	1.08108	0.708308	0.743492	-1.345	0.660672	1.13233	1.13233	0.903207	1.03482	1.03482	0.367458	0.222432	0.53819	1
cg21065262	STAT1;STAT1;STAT1;STAT1	0.921687	0.855439	0.921494	-1.08519	0.494099	1.36521	1.36521	0.157144	1.92047	1.92047	0.510013	1.34932	1.34932	0.845714	1.09127	1.09127	0.783717	1.13128	1.13128	0.903218	0.946924	-1.05605	0.663005	1.21722	1.21722	0.930288	0.961533	-1.04001	0.366821	1.16765	2.82948	1
cg24006305	NGB;MIR1260	0.921694	0.498158	0.646363	-1.56156	0.233188	0.444748	-2.24946	0.908357	1.07706	1.07706	0.726098	1.26435	1.26435	0.474192	0.662885	-1.50886	0.681276	0.765146	1.30664	0.423294	0.708826	-1.41096	0.610779	0.794655	1.2404	1.2404	0.558089	1.24045	1.24045	0.368249	4.9148	1
cg15779971	TDP2A	0.921698	0.840899	1.05138	1.05138	0.591464	0.873674	-1.14459	0.683922	1.22026	1.22026	0.881624	1.09784	1.09784	0.35144	1.27002	1.27002	0.61999	0.882854	-1.13269	0.931354	1.02113	1.02113	0.596673	1.14239	1.14239	0.417274	1.22927	1.22927	0.366786	0.360914	0.87466	1
cg24170511	LRP10;LRP10	0.92172	0.635115	1.70973	1.70973	0.905451	1.14261	1.14261	0.283304	3.49276	3.49276	0.780477	0.730914	-1.36815	0.549198	1.97379	1.97379	0.815548	1.29975	1.29975	?	?	?	?	?	?	0.692104	0.639827	-1.56292	0.32513	5.04136	17.7208	1
cg04351169	GLTSD1;SPCS1;GLTSD1	0.921752	0.968044	1.03314	1.03314	0.975545	1.08304	-1.08128	0.61043	1.143	1.143	0.441283	0.765291	-1.30615	0.704772	1.33946	1.33946	0.837224	1.07471	1.07471	0.735293	0.89083	-1.12255	0.394232	1.34619	1.34619	0.606702	0.673991	-1.48377	0.367114	0.26765	0.662135	1
cg03115530	CSNK1G2	0.921765	0.462328	0.705515	-1.4174	0.529223	1.34605	1.34605	0.355091	1.55817	1.55817	0.880603	0.932325	-1.07259	0.540789	0.749262	1.33465	0.694661	1.20192	1.20192	0.860997	0.921488	-1.0852	0.568635	1.30815	1.30815	0.879386	0.931653	-1.07336	0.366777	1.26225	3.05991	1
cg18320115	TWSG1	0.921772	0.982022	1.0144	1.0144	0.396951	2.26503	2.26503	0.477328	1.99086	1.99086	0.704666	1.4375	1.4375	0.971244	0.956231	-1.04595	0.832474	1.20164	1.20164	0.429911	1.16903	0.554244	1.7949	1.7949	0.2911	2.840304	2.840304	0.654955	1.53522	1.53522	0.366564	5.27423	12.7861	1
cg00882698	FRMD4B	0.781437	0.836499	1.19546	1.19546	0.311013	1.20546	-1.95977	0.547547	0.656295	-1.52371	0.743153	1.23499	1.23499	0.596508	0.70966	-1.40913	0.832474	0.872869	-1.14565	0.898516	1.08535	1.08535	0.99708	0.997654	-1.00235	0.374992	1.37954	1.37954	0.366555	2.392	5.80057	1
cg24756391	BC21L13	0.921866	0.581028	1.09863	1.09863	0.844008	1.03596	1.03596	0.794611	0.956932	-1.04501	0.853446	1.0317	1.0317	0.883015	0.976777	-1.02378	0.316841	1.19078	1.19078	0.345062	1.17685	1.17685	0.34109	1.18003	1.18003	0.618183	1.0884	1.0884	0.366492	0.165274	0.408856	1
cg08874047	CUX1;CUX1;CUX1	0.92178	0.5049	1.98019	1.98019	0.704729	0.940049	-1.06359	0.924787	1.08133	1.08133	0.770768	0.892734	-1.12035	0.964104	1.03738	1.03738	0.372464	2.68536	2.68536	0.750735	0.872334	-1.14644	0.790459	1.26455	1.26455	0.941947	-1.06163	0.366777	0.941947	0.366777	0.941947	0.366777	0.941947

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| Probeset ID | UCSC_REFGENE_NAME | p-value(Test) | p-value(1047 vs. N) | Fold-Change(1047 vs. N) | p-value(1050T 047 vs. N) | Fold-Change(1050T 047 vs. N) | p-value(105 N) | Fold-Change(105 057 vs. N) | p-value(1111 N) | Fold-Change(1111 057 vs. N) | p-value(1117 vs. N) | Fold-Change(1117 vs. N) | p-value(1123 127 vs. N) | Fold-Change(1123 127 vs. N) | p-value(1217 N) | Fold-Change(1217 N) | p-value(1221 N) | Fold-Change(1221 N) | p-value(1247 vs. N) | Fold-Change(1247 vs. N) | p-value(1253 vs. N) | Fold-Change(1253 vs. N) | p-value(1254 vs. N) | Fold-Change(1254 vs. N) | p-value(1255 vs. N) | Fold-Change(1255 vs. N) | p-value(1256 vs. N) | Fold-Change(1256 vs. N) | p-value(1258 vs. N) | Fold-Change(1258 vs. N) | p-value(1259 vs. N) | Fold-Change(1259 vs. N) | p-value(1260 vs. N) | Fold-Change(1260 vs. N) | p-value(1261 vs. N) | Fold-Change(1261 vs. N) | p-value(1262 vs. N) | Fold-Change(1262 vs. N) |

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

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

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5537 vs. N)	Fold-Change(5537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	
cg09754641	STK19;STK19;DOM3Z;STK19	0.924778	0.553815	1.94882	1.94882	1.70777	1.52124	1.52124	0.992754	1.01017	1.01017	0.587368	1.84121	1.84121	0.399726	2.6128	2.6128	0.491893	2.16843	2.16843	?	?	0.877178	1.17335	1.17335	0.254116	3.76865	3.76865	0.342204	5.97651	17.4735	1
cg09973375	PPID	0.924788	0.630198	1.3014	1.3014	0.622877	1.30889	1.30889	0.948845	1.03546	1.03546	0.476304	1.48188	1.48188	0.387966	1.61691	1.61691	0.595916	1.33727	1.33727	0.884719	0.924238	-1.08197	0.90418	0.937489	-1.06668	0.367898	0.605158	-1.65246	0.361051	1.68634	4.1517	1
cg05140079	POLR2C	0.924801	0.545282	1.95167	1.95167	0.86078	1.21138	1.21138	0.401332	2.55571	2.55571	0.474233	0.451586	-2.21442	0.991207	0.988034	-1.01211	0.640633	0.598359	-1.67124	0.835076	1.25575	1.25575	0.437447	2.37563	2.37563	0.520276	2.03786	2.03786	0.361028	6.82279	16.7985	1
cg26015190	ANKRD12;ANKRD12	0.924803	0.514306	0.870737	-1.14845	0.312096	1.24605	1.24605	0.668291	1.09442	1.09442	0.790689	1.05726	1.05726	0.41991	1.18824	1.18824	0.967355	1.00864	1.00864	0.850016	0.962698	-1.03875	0.949447	1.01336	1.01336	0.57009	0.886806	-1.12764	0.361023	0.250477	0.816709	1
cg25151353	DGKZ	0.924842	?	?	?	0.34779	2.74369	2.74369	0.993739	0.991841	-1.00823	0.910549	1.1245	1.1245	0.87543	1.17797	1.17797	0.502036	0.490985	-2.03672	0.824771	0.79332	-1.26052	?	?	?	?	?	?	0.291377	0.353369	15.3464	1
cg00568128	MIR2110;C10orf118;C10orf118	0.924876	0.875943	-1.14163	0.511602	1.12559	1.12559	0.813394	0.960161	-1.04149	0.961259	0.846344	-1.18155	0.850286	0.960908	-1.03416	0.694559	1.07267	1.07267	0.548558	0.897708	-1.11395	0.63517	1.08868	1.08868	0.686759	0.930472	-1.07472	0.360886	0.180611	0.444858	1
cg24710480	LOC285830;LOC285830	0.924883	0.277646	0.382151	-2.61677	0.637061	0.667023	-1.4992	0.997239	0.997056	-1.00295	0.585438	1.59887	1.59887	?	?	?	?	0.982444	1.01893	1.01893	0.811027	0.815388	-1.22641	0.319249	2.85492	10.2201	1
cg12587766	LIF6;LIF6;LIF6	0.924906	0.575128	1.30042	1.30042	0.260282	0.584336	1.71134	0.626278	0.885613	1.12955	0.627378	0.821157	-1.21779	0.70683	1.19156	1.19156	0.610684	0.788082	-1.2689	0.813403	1.11592	1.11592	0.682821	1.20994	1.20994	0.582092	0.772738	-1.2941	0.360829	1.22955	3.02896	1
cg24232187	NTRK3;NTRK3;NTRK3	0.924907	0.814499	1.05576	1.05576	0.598015	1.13071	1.13071	0.626278	1.9998	1.9998	0.319612	2.56803	2.56803	0.553318	1.14932	1.14932	0.932318	1.01981	1.01981	0.479083	0.846934	-1.18073	0.800068	1.06034	1.06034	0.383367	1.22923	1.22923	0.360827	0.304638	0.750467	1
cg04235837	IQSEC1	0.92493	0.829151	0.892837	-1.12003	0.724224	1.20419	1.20419	0.313806	0.579023	-1.72705	0.880698	1.08196	1.08196	0.321901	1.71043	1.71043	0.719817	0.827843	-1.20796	0.723658	0.830102	-1.20467	0.81958	0.887071	-1.12731	0.733965	1.19593	1.19593	0.360785	1.57205	3.87315	1
cg07353879	MTRF1L;MTRF1L	0.924937	0.526704	0.847313	-1.17995	0.314355	0.824009	1.21434	0.538101	0.848299	-1.17883	0.894546	1.04171	1.04171	0.953351	1.09637	1.09637	0.717886	1.11271	1.11271	0.98132	1.00692	1.00692	0.976198	1.21277	1.21277	0.347749	1.32762	1.32762	0.369772	0.495273	0.12028	1
cg01291381	MKL1	0.924944	0.933323	1.05502	1.05502	0.881884	1.09985	1.09985	0.380033	0.561914	-1.77963	0.735277	0.804746	-1.24263	0.32351	0.520633	-1.92074	0.894255	1.08886	1.08886	0.356211	0.544735	-1.83573	0.871587	1.1091	1.1091	0.52144	0.659702	-1.51584	0.360758	2.34105	5.76824	1
cg12675942	HK1;HK1;HK1;HK1	0.924945	0.243709	3.00707	3.02097	0.67928	1.46226	1.46226	0.974724	1.94165	1.94165	0.616293	1.58083	1.58083	0.593963	1.62882	1.62882	0.322869	2.53227	2.53227	0.445613	2.02086	2.02086	0.816715	1.23421	1.23421	0.601022	1.61324	1.61324	0.360757	4.60408	11.592	1
cg04432138	CENPT;NUTF2	0.924947	0.283447	1.45953	1.45953	0.874754	0.947886	-1.05498	0.586381	1.20491	1.20491	0.429869	1.31444	1.31444	0.974865	0.989367	-1.01075	0.540994	0.814473	-1.22779	0.631682	1.17806	1.17806	0.744832	0.895112	-1.11718	0.976317	0.989978	-1.01012	0.360752	0.657759	0.62071	1
cg27380788	HMOX2;HMOX2;HMOX2	0.924954	0.866833	0.939233	-1.0647	0.470097	0.759953	-1.31587	0.541728	0.793943	-1.25954	0.917809	1.03931	1.03931	0.960028	0.981452	-1.0189	0.302521	0.671606	-1.4903	0.844143	0.929211	1.07613	0.948274	0.697171	-1.43437	0.625946	1.20142	0.360674	0.797233	1.96444	1
cg25657187	LOC645323;LOC645323;LOC645323	0.924958	0.725606	1.11372	1.11372	0.29131	1.47464	1.47464	0.661345	0.887325	-1.03284	0.647462	1.14841	1.14841	0.523707	1.2091	1.2091	0.613024	1.16565	1.16565	0.859107	1.05485	1.05485	0.76674	0.914472	-1.09353	0.319453	1.36236	1.36236	0.360733	0.516081	1.27168	1
cg26538529	EPHA4	0.924967	0.713592	1.38982	1.38982	0.984575	1.01525	1.01525	0.636526	1.52968	1.52968	0.615187	0.635976	-1.57239	?	?	?	0.542334	1.73452	1.73452	0.451431	0.504038	-1.98398	0.461189	0.511769	-1.95401	0.640285	0.656876	-1.52236	0.34185	3.83735	11.2253	1
cg09627238	HECTD1	0.924981	0.844667	1.0762	1.0762	0.413545	0.731288	1.36745	0.618579	1.20672	1.20672	0.458848	0.753007	-1.32803	0.976536	0.989096	-1.01102	0.450949	1.33369	1.33369	0.942346	1.02745	1.02745	0.888504	0.948839	-1.05392	0.454661	1.32991	1.32991	0.360688	0.800651	1.07315	1
cg17369406	SON;SON	0.924984	0.852106	0.842717	-1.18686	0.429094	1.00659	1.00659	0.984049	1.01798	1.01798	0.911398	1.01968	1.01968	0.913117	1.59987	1.59987	0.403579	0.456715	2.18955	?	0.922606	1.03119	1.03119	0.532849	1.29474	1.29474	0.256506	2.9616	2.9616	0.831988	1.21507	1.21507	0.360684	4.80257	11.8357	1
cg26142926	BAALC;BAALC;C8orf56	0.924986	0.901657	1.06178	1.06178	0.633628	0.79227	-1.2622	0.901511	1.06188	1.06188	0.433712	0.678829	-1.47312	0.181711	0.502848	-1.98867	0.820024	1.11685	1.11685	0.899701	0.940684	-1.06306	0.897358	0.939332	-1.06459	0.84298	1.10095	1.10095	0.36068	1.34333	3.31062	1
cg25261908	TRPA4	0.925	0.977295	1.01466	1.01466	0.940609	1.00222	1.00222	0.902163	0.970969	-1.0299	0.312095	0.77102	-1.29705	0.998048	1.00018	1.00018	0.468007	0.802516	-1.24576	0.544706	1.20159	1.20159	0.902021	1.1249	1.1249	0.405869	1.29019	1.29019	0.360653	0.512797	1.26387	1
cg22990129	TBCD	0.925007	0.543626	2.02349	2.02349	0.372169	2.85912	2.85912	0.584287	1.88419	1.88419	0.98461	1.02236	1.02236	0.431304	2.50223	2.50223	0.48474	2.25708	2.25708	0.2787	3.63783	3.63783	0.551443	1.99547	1.99547	0.961756	0.946507	-1.05652	0.360644	0.708858	18.5068	1
cg18129648	SMIM;SNRK	0.925015	0.445334	1.60473	1.60473	0.74315	0.609155	1.64268	0.762293	0.986775	-1.0134	0.979455	1.06512	1.06512	0.661129	1.53339	1.53339	0.587318	0.72727	-1.37505	0.712701	1.10352	1.10352	0.837335	0.660501	-1.514	0.912896	0.923487	-1.08285	0.360626	0.32046	7.44991	1
cg01185080	ZNF710	0.925025	0.528866	1.24179	1.24179	0.928574	1.0309	1.0309	0.981602	1.00786	1.00786	0.746644	1.11631	1.11631	0.761332	0.901764	1.10894	0.92862	0.970045	-1.03088	0.18358	0.619468	-1.61429	0.655848	0.858773	-1.16445	0.963755	1.01554	1.01554	0.360607	0.658008	1.62198	1
cg25890074	NALCN	0.925029	0.531304	3.0912	3.0912	0.337174	1.52243	1.52243	0.43023	1.40473	1.40473	0.486271	1.35053	1.35053	0.950317	1.45315	1.45315	0.743496	0.869815	-1.14967	0.82337	0.910993	1.09661	0.92326	1.04176	1.04176	0.699678	1.17898	1.17898	0.360599	1.03042	2.54002	1
cg17773225	METTL7;FAM119B;METTL7;FAM119B	0.925039	0.75205	1.84181	1.86148	0.279357	0.772125	1.29408	0.816493	1.04251	1.04251	0.615999	0.880535	1.13586	0.743018	1.34597	1.34597	0.744621	1.11811	1.11811	0.585078	1.88004	1.88004	0.729671	1.07911	1.07911	0.915509	0.805978	-1.24428	0.912575	0.970581	0.304827	0.309178	0.744427	1
cg15932013	FLJ22536 LIMCH1;LIMCH1;LIMCH1;LIMCH1;LIMC	0.925047	0.474937	0.468316	-2.13531	0.84788	1.22202	1.22202	0.891655	1.15291	1.15291	0.3595	0.373935	-2.67427	0.425665	0.427691	2.33814	0.359206	0.373697	-2.67597	0.721681	0.688357	-1.45274	0.977475	1.02992	1.02992	0.729814	1.43619	1.43619	0.360566	6.2252	15.3468	1
cg18587806	H1;LMCH1	0.925086	0.907658	1.06522	1.06522	0.957927	1.02914	1.02914	0.62967	1.25369	1.25369	0.810263	1.13994	1.13994	0.510871	0.695486	-1.43784	0.764292	1.17792	1.17792	0.74471	1.19473	1.19473	0.735109	0.482896	-2.07084	0.739864	0.834062	-1.19885	0.360491	1.69293	4.17437	1
cg03431155	CUX1;CUX1;CUX1	0.925089	0.721882	0.762623	-1.31126	0.263997	2.39188	2.39188	0.996074	0.996276	-1.00374	0.696041	0.742536	-1.34674	0.479254	0.579637	-1.72522	0.48996	0.58759	-1.70187	0.690198	0.738024	-1.35497	0.764276	0.796105	-1.25612	0.735283	0.773131	-1.29344	0.360467	3.28208	8.0934	1
cg01525119	CBG;FBXW5	0.925095	0.265871	1.90503	1.90503	0.524128	0.545341	1.83416	0.36134	0.631363	1.58383	0.312694	0.236232	4.23466	0.489111	2.04512	2.04512	0.582705	1.71648	1.71648	0.508098	1.96683	1.96683	0.510454	0.532705	1.87764	0.603127	0.540223	1.85109	0.354457	0.360453	0.26026	0.86631	1
cg00161931	MTDH;MTDH	0.925125	0.783382	1.15203	1.15203	0.398791	1.55838	1.55838	0.254081	1.84348	1.84348	0.678121	0.807075	-1.23904	0.737064	0.841093	-1.18893	0.914556	0.946373	-1.05667	0.694102	0.816281	-1.22507	0.911757	0.944658	-1.05858	0.71786	1.20484	1.20484	0.360419	1.50551	3.713	1
cg25012898	TMEM79;SMG5	0.925139	0.753183	1.21048	1.21048	0.594005	1.16516	1.16516	0.437205	1.60859	1.60859	0.614354	1.31354	1.31354	0.603703	1.44044	1.44044	0.675997	1.48233	1.48233	0.413497	1.03489	1.03489	0.944934	0.974572	-1.02609	0.257712	1.21224	1.21224	0.360191	0.315651	0.372833	1
cg25236904	EP400NL	0.925154	0.671461	0.864867	-1.15625	0.683383	0.869758	-1.14974	0.565347	0.820558	-1.21868	0.779147	1.10039	1.10039	0.922224	1.03379	1.03379	0.810876	0.921661	-1085	0.213333	0.640221	-1.56196	0.732255	1.12397	1.12397	0.624433	1.18283	1.18283	0.360364	0.6608899	1.6302	1
cg01683948	ANKS1C16orf71	0.925184	?	?	?	0.915152	1.17128	1.17128	0.751978	0.624497	-1.60129	0.510172	2.70725	2.70725	0.865179	0.777139	-1.28677	0.836543	0.735963	-1.35876	0.434984	2.28721	2.28721	0.503935	0.363762	-2.74905	?	?	?	0.308732	0.796822	22.1225	1
cg26260149	PACRGL;PACRGL	0.925214	0.629129	1.16488	1.16488	0.562293	0.786775	-1.3134	0.979455	1.00728	1.00728	0.506169	0.889255	1.12452	0.745435	1.12591	1.12591	0.415092	1.2644	1.2644	0.376992	0.908827	-1.10012	0.841834	0.85788	1.16652	0.452503	1.14951	1.14951	0.360592	1.36959	3.66193	1
cg26421308	FZD4	0.925228	0.508486	1.5632	1.5632	0.889667	0.911701	-1.09685	0.813799	1.17022	1.17022	0.659478	1.34357	1.34357	0.354151	1.88681	1.88681	0.842399	1.14089	1.14089	0.192321	2.50698	2.50698	0.678524	1.31995	1.31995	0.89218	1.09453	1.09453	0.360225	2.53061	6.2445	1
cg07459251	SLC13A5;SLC13A5	0.925235	0.338809	1.98374	1.98374	0.705474	0.91633	1.19183	0.634385	1.37099	1.37099	0.717805	1.2542	1.2542	0.863407	1.11363	1.11363	0.644507	1.41907	1.41907	0.264557	1.80796	1.80796	0.707408	0.978625	-1.02184	0.962217	0.96425	-1.03684	0.360217	0.744834	1	1
cg23715675	SEC13;SEC13;SEC13;SEC13	0.925243	0.902258	0.966785	-1.03436	0.720948	1.10364	1.10364	0.591762	1.16049	1.16049	0.716684	1.10539	1.10539	0.432746	1.24622	1.24622	0.500823	1.20667	1.20667	0.892965	1.03771	1.03771	0.52439	0.837471	-1.19407	0.407363	0.792137	1.26241	0.360197	0.431225	1.06417	1
cg23625870	C20orf166;C20orf166;C20orf200	0.925255	0.743554	1.2436	1.2436	0.255642	2.1992	2.1992	0.866801	1.11604	1.11604	0.679462	0.758865	-1.31776	0.373202	1.83508	1.83508	0.923234	0.937097	-1.0661	0.737488	0.799793	-1.25032	0.681251	0.760116	-1.31559	0.919104	1.06979	1.06979	0.360174	2.51579	6.20883	1
cg26115510	TMTC4;TMTC4	0.925257	0.976823	1.01774	1.00788	0.943289	1.07222	1.07222	0.587378	1.02722	1.02722	0.557458	1.04798	1.04798	-1.44971	0.50033	1.9936	0.988744	1.00383	1.00383	0.972117	1.00383	1.00383	0.972117	0.888744	1.00383	0.972117	0.889219	-1.12206	0.813387	1.06608	0.360168	0.800651	0.07315	1
cg26915053	C18	0.925278	0.391041	1.56874	1.56874	0.886319	0.929331	-1.07604	0.652965	1.26099	1.26099	0.528955	1.38651	1.38651	0.913591	1.03173	1.03173	0.667085	0.80114	-1.24822	0.32828	0.911903	-1.09661	0.92326	1.04176	1.04176	0.609678	1.17898	1.17898	0.360599	1.03042	2.54002	1
cg09885951	CENPF	0.925294	0.356682	1.7099	1.7099	0.750934	0.787128	1.28507	0.417709	1.53032	1.53032	0.663924	0.842451	1.24251	0.539183	1.62882	1.62882	0.647308	1.52212	1.52212	0.476483	1.68785	1.68785	0.660501	1.514	1.514	0.912896	0.923487	-1.08285	0.360626	0.32046	7.44991	1
cg13745225	RIF1	0.925299	0.316475	0.826585	-1.2098	0.924094	0.01768	1.01768	0.748825	0.942633	-1.06086	0.401083	0.8538	-1.17123	0.808115	1.04576	1.04576	0.923234	0.937097	-1.0661	0.737488	0.799793	-1.25032	0.681251	0.760116	-1.31559	0.919104	1.06979	1.06979	0.360174	2.51579	6.20883	1
cg26115150	TMTC4;TMTC4	0.925327	0.976823	1.01774	1.00788	0.943289	1.07222	1.07222	0.587378	1.02722	1.02722	0.557458	1.04798	1.04798	-1.44971	0.50033	1.9936	0.988744	1.00383	1.00383	0.972117	1.00383	1.00383	0.972117	0.888744	1.00383	0.972117	0.889219	-1.12206	0.813387	1.06608	0.360168	0.800651	0.07315	1
cg09150513	C18	0.925328	0.391041	1.56874	1.56874	0.886319	0.929331	-1.07604	0.652965	1.26099	1.26099	0.528955	1.38651	1.38651	0.913591	1.03173	1.03173	0.667085	0.80114	-1.24822	0.32828	0.911903	-1.09661	0.92326	1.04176	1.04176	0.609678	1.17898	1.17898	0.360599	1.03042	2.54002	1
cg00480951	CENPF	0.925344	0.356682	1.7099	1.7099	0.750934	0.787128	1.28507	0.417709	1.53032	1.53032	0.663924	0.842451	1.24251	0.539183	1.62882	1.62882	0.647308	1.52212	1.52212	0.476483	1.68785	1.68785	0.660501	1.514	1.514	0.912896	0.923487	-1.08285	0.360626	0.32046	7.44991	1
cg13745225	RIF1	0.925299	0.316475	0.826585	-1.2098	0.924094	0.01768	1.01768	0.748825	0.942633	-1.06086	0.401083	0.8538	-1.17123	0.808115	1.04576	1.04576	0.923234	0.937097	-1.0661	0.737488	0.799793	-1.25032	0.681251	0.760116	-1.31559	0.919104	1.06979	1.06979	0.360174	2.51579	6.20883	1
cg26115150	TMTC4;TMTC4	0.925327	0.976823	1.01774	1.00788	0.943289	1.07222	1.07222	0.587378	1.02722	1.02722	0.557458	1.04798	1.04798	-1.44971	0.50033	1.9936	0.988744	1.00383	1.00383	0.972117	1.00383	1.00383	0.972117	0.888744	1.00383	0.972117	0.889219	-1.12206	0.813387	1.06608	0.360168	0.800651	0.07315	1
cg00704553	TMTC3;TMTC3	0.925331	0.757972	0.904009	-1.04723	0.683415	0.880158	-1.13672	0.38982	0.885412	-1.12916	0.751822	0.950993	-1.05153	0.34122	0.873906	-1.14429	0.882324	0.840254	-1.1911	0.582164	1.11318	1.11318	0.624962	0.924353	-1.08166	0.966262	-1.03492	0.360387	0.107721	0.269312	1
cg04024561	LSM01;CYB5D1	0.925336	0.583375	0.837938	-1.19341	0.267383	0.812542	-1.44604	0.987538	0.758412	-1.31854	0.641708	1.16136	1.16136	0.98276	1.00692	1.00692	0.881747	0.955956	-1.04866	0.796742	1.08588	1.08588	0.536056	0.818709	-1.22144	0.731234	0.888498	-1.12549	0.360387	0.183087	1.43455	1
cg14264678	MSRA;MSRA;MSRA	0.925337	0.476949	1.40783	1.40783	0.473585	1.41164	1.41164	0.933754	1.04011	1.04011	0.586056	1.29704	1.29704	0.29342	1.67447	1.67447	0.29127	1.67862	1.67862	0.96686	0.980541	-1.01985	0.566787	1.31502	1.31502	0.6957	1.20433	1.20433	0.360019	1.27563	3.14952	1
cg26521186	ZNF138;ZNF138	0.925355	0.687952	1.17645	1.17645	0.736907	0.666501	1.37171	0.913171	0.98577	1.01423	0.914413	1.18413	1.18413	0.384183	1.49112	1.49112	0.822853	1.13409	1.13409	0.512053	1.95446	1.95446	0.506087	0.882785	1.12863	0.535469	0.849396	1.17734	0.360429	1.06429	0.360586	0.579139	0.81859	1
cg07137416	C8orf79;C8orf79	0.925366	0.954374	1.05874	1.05874	0.436619	1.20707	1.20707	0.299318	0.292433	3.42433	0.956422	0.946946	-1.05603	0.508368	0.512053	1.95292	0.878047	0.857976	-1.16553	0.954465	0.946429	-1.05862	0.732502	0.710166	-1.40812	0.5578	0.553601	-1.80635	0.359964	0.57332	14.0096	1
cg19585597	LOC153446	0.925381	0.342126	1.3962	1.3962	0.328304	1.41376	1.41376	0.984597	1.00869	1.00869	0.768665	1.10637	1.10637	0.606577	0.841338	-1.18858	0.665304	0.662222	-1.51017	0.644682	0.852209	-1.17342	0.907998	1.0099	1.0099	0.789034	1.09645	1.09645	0.359937	0.62197	1.64568	1
cg03238639	DCTN2	0.925384	0.547933	1.28397	1.28397	0.472439	1.3573	1.3573	0.870988	1.00531	1.00531	0.595484	0.799332	-1.25104	0.515381	0.75903	-1.31747	0.780643	0.889856	-1.12378	0.601134	0.80213	-1.24668	0.626197	1.22776	-1.22776	0.461691	0.731088	-1.36782	0.359931	0.996054	2.45986	1
cg23115069	RGMA;RGMA;RGMA;RGMA;RG MA	0.925399	0.43214	1.55144	1.55144	0.675605	1.2593	1.2593	0.96892	1.00299	1.00299	0.917853	1.01393	1.01393	0.770889	0.852233	-1.17539	0.345599	0.587349	-1.70257	0.450327	0.656142	-1.52406	0.704691	0.811725	-1.23194	0.582887	0.737981	-1.35505	0.903903	1.71068	4.22502	1
cg06044945	ARHGEF4;ARHGEF4	0.9254	0.910167	0.935748	-1.06866	0.425654	1.61389	1.61389	0.505708	0.672112	-1.48785	0.899555	1.07713	1.07713	0.879243	1.09358	1.09358	0.645695	1.31311	1.31311	0.345486	0.564583	-1.77122	0.662234	1.29515	1.29515	0.640134	0.758596	-1.31822	0.3599	1.97328	4.87366	1
cg26137624	KIAA0284;KIAA0284	0.925416	0.348763	2.32572	2.32572	0.370861	2.23447	2.23447	0.479353	1.87607	1.87607	0.376526	2.2119	2.2119	0.409652	2.11223	2.11223	0.742726	1.33403	1.33403	0.439284	1.99192	1.99192	0.501754	1.54596	1.54596	0.835122	1.20005	1.20005	0.359871	0.36353	10.778	1
cg03056682	NLRC5	0.9254	0.705559	0.852139	-1.17352	0.556106	0.77805	-1.28526	0.371823	0.729419	-1.47185	0.725405	1.16027	1.16027	0.342066	2.51081	2.51081	0.934832	1.06615	-1.03507	0.945657	1.02915	1.02915	0.818334	1.10154	1.10154	0.617304	1.23659	1.23659	0.359863	0.01273	2.50152	1
cg21495568	SAP18	0.925427	?	?	?	0.711076	1.55819	1.55819	0.698049	1.59165	1.59165	?	?	?	0.412399	2.72302	2.72302	0.549032	2.06179	2.06179	0.387352	2.88494	2.88494	0.993209	0.989913	-1.01019	0.419886	2.67775	2.67775	0.313786	5.36983	17.113	1
cg23768680	CDP53	0.925428	0.803052	0.931044	-1.07406	0.496291	0.827727	-1.20955	0.980291	0.995059	-1.00609	0.988911	0.996089	-1.00393	0.952444	1.05021	1.05021	0.932202	1.02425	-1.05424	0.79419	0.915254	-1.09259	0.416351	1.26392	1.26392	0.649356	0.87688	-1.14041	0.359849	0.453085	1.1192	1
cg10826699	SHPK;TRPV1	0.925431	0.715777	0.761043	-1.31399	0.416107	0.537596	-1.86013	0.74745	0.785639	-1.27285	0.357399	0.493224	-2.02748	0.2802	0.432467	2.31221	0.773073	0.805813	-1.24098	0.815235	0.839627	-1.19101	0.893155	0.520649	-1.92068	0.45059	0.563248	-1.77542	0.359843	1.37798	7.58509	1
cg26713671	CAPS;CAPS	0.925451	0.776477	1.28807	1.28807	0.552737	1.16542	1.16542	0.908647	1.08891	1.08891	0.733325	0.874862	-1.14329	0.708471	1.4112	1.4112	0.703554	1.42156	1.42156	0.476862	2.09704	2.09704	0.483117	0.68311	-1.46411	0.511558	0.822933	1.12609	1.18626	1.18626	0.359512	0.27494	1.74994

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. Change(2 N)	Fold-t vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(5 37T vs. N)	Fold-Change(5 37T vs. N)	p-value(5 63T vs. N)	Fold-Change(5 63T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg01385402	ATXN7;ATXN7	0.926680	0.689403	0.684625	-1.46065	0.554282	0.557592	-1.79343	0.473237	0.480495	-2.03875	0.268988	0.107774	0.775483	0.738041	-1.35494	0.814494	1.25799	1.25799	0.489666	1.47987	1.47987	0.8830227	0.866089	-1.15462	0.877878	1.16202	0.357622	5.401	13.4245	1
cg21800088	POU3F3;C4orf14	0.926667	0.944634	1.0096	1.0096	0.827261	1.03051	1.030051	0.530382	1.09133	1.09133	0.418359	1.12043	1.12043	0.731354	0.953716	-1.04853	0.411102	0.890855	-1.12252	0.593056	1.077	1.077	0.432099	1.11655	1.11655	0.761736	1.0427	1.0427	0.357508	0.107059	0.266186	1
cg18241672	AZI1;AZI1	0.926697	0.719853	0.89556	-1.11662	0.658689	1.145586	1.145586	0.264591	1.42779	1.42779	0.492411	1.23805	1.23805	0.859517	1.05576	1.05576	0.925178	0.97164	-1.02919	0.732649	0.903096	-1.11073	0.715701	1.11855	1.11855	0.403086	1.29961	1.29961	0.35745	0.531054	1.3206	1
cg01145987	LYST	0.926725	0.64552	0.802001	-1.12108	0.640339	1.123312	1.123312	0.310761	1.27028	-1.2952	0.717538	0.80426	-1.03978	0.42156	1.22457	1.22457	0.83063	1.02626	1.05404	0.7752	0.931788	-1.07321	0.619413	1.1315	1.1315	0.974017	1.00782	1.00782	0.357416	0.344644	0.857127	1
cg13335112	ABHD12B;ABHD12B	0.926736	0.699125	1.272359	1.272359	0.856772	1.11866	1.11866	0.576433	0.7045	-1.41945	0.891341	0.918666	-1.08854	0.867482	0.901542	-1.10921	0.482639	1.55717	1.55717	0.205767	2.28977	2.28977	0.876837	0.908229	-1.10104	0.986135	1.01084	1.01084	0.357377	0.218038	0.542317	1
cg17245125	KLHL29	0.926771	0.972688	0.982902	-1.01774	0.564179	1.34133	1.34133	0.612735	0.773273	-1.2932	0.70504	1.21134	1.21134	0.276132	0.565155	-1.76943	0.686149	1.22708	1.22708	0.880626	1.07864	1.07864	0.743218	0.847301	-1.18009	0.534955	1.37235	1.37235	0.357311	1.43598	3.57232	1
cg10806946	UBE2V2	0.926785	0.60529	2.22622	2.22622	0.593468	2.28692	2.28692	?	?	?	0.674466	1.91208	1.91208	1.727039	1.71184	1.71184	0.650548	2.01344	2.01344	0.185421	8.77886	8.77886	0.941674	0.893883	-1.11872	0.811221	1.4433	1.4433	0.333164	10.7911	28.3409	1
cg06421958	CELSR3	0.926789	0.768394	0.85558	-1.16868	0.720268	1.209317	1.209317	0.594453	1.32855	1.32855	0.922405	1.05286	1.05286	0.931229	0.955966	-1.04606	0.683825	1.24982	1.24982	0.180155	1.82035	1.82035	0.934076	0.668129	0.964901	1.01005	1.01005	0.918395	0.940735	-1.05582	0.357277	1.58152	3.93476	1
cg26842164	DTNBP1;DTNBP1;DTNBP1	0.926804	0.750488	1.33251	1.33251	0.450141	1.0985	1.0985	0.765783	1.30561	1.30561	?	?	?	0.54702	0.577892	1.73043	0.843825	1.1942	1.1942	0.722617	0.725644	-1.37809	0.908912	1.10847	1.10847	0.301186	2.62186	2.62186	0.33838	0.851881	11.3979	1
cg01362921	ZNF232	0.926832	0.843898	0.967728	-1.03335	0.81852	0.962479	-1.03898	0.584907	0.912303	-1.09613	0.635588	1.08267	1.08267	0.409606	0.869077	-1.15065	0.445214	0.87854	-1.13825	0.844912	1.03312	1.03312	0.963831	1.00757	1.00757	0.284778	0.831203	-1.20307	0.357195	0.156634	0.389787	1
cg23298596	FAM188B	0.926838	0.67487	0.858074	1.165	0.572477	1.232809	1.232809	0.738459	1.080416	1.22339	1.22339	0.673277	0.884003	1.1655	0.909426	0.87357	0.446317	0.775542	1.29355	0.674361	0.859473	1.16486	0.790215	1.10106	0.903648	1.36208	0.857183	0.737679	1.8358	1
cg27357151	EGLN2;EGLN2	0.926851	0.721557	1.11561	1.11561	0.616865	1.08452	1.08452	0.360319	1.16331	1.16331	0.435041	0.879759	-1.13667	0.758218	1.05092	1.05092	0.724763	0.944724	-1.05851	0.855461	0.971097	-1.02976	0.931137	1.10771	1.10771	0.887666	1.02299	1.02299	0.357154	0.146349	0.364235	1
cg17640841	LRBA	0.926865	0.854028	0.919374	-1.0952	0.159439	0.960021	2.1121	0.850946	0.909622	-1.09936	0.936375	1.04102	1.04102	0.536786	0.729822	-1.3702	0.763065	0.858779	-1.16444	0.478501	0.695708	-1.43738	0.703311	0.824742	-1.2125	0.592147	0.761616	1.313	0.357132	1.43421	3.56969	1
cg14704290	SELO	0.926874	0.551745	1.11704	1.11704	0.917467	0.981126	1.251924	0.374167	0.845613	-1.18257	0.954937	0.989665	-1.01044	0.99034	0.997777	-1.00223	0.371853	1.18359	1.18359	0.425806	0.865141	-1.16125	0.924209	1.01765	1.01765	0.973684	1.00608	1.00608	0.357115	0.191136	0.479754	1
cg04813876	PDGFD;PDGFD	0.926888	0.788621	1.21595	1.21595	0.484218	1.67745	1.67745	0.618342	1.4412	1.4412	0.76738	1.24091	1.24091	0.483894	1.67811	1.67811	0.45769	1.73377	1.73377	0.516052	0.619305	-1.61471	0.43399	1.78765	1.78765	0.44105	1.77122	1.77122	0.357104	0.29449	0.74376	1
cg14236862	ZNF138;ZNF138	0.926909	0.761913	0.9371	1.0731	0.647224	1.14922	1.14922	0.581574	1.13387	1.13387	0.629254	1.11506	1.11506	0.980956	0.999451	-1.00055	0.775498	1.06635	1.06635	0.395315	1.21491	1.21491	0.91853	0.800616	1.04944	0.778686	1.06566	1.06566	0.357049	0.288127	0.717305	1
cg05972047	ANGPTL5;KIAA1377;KIAA1377	0.926937	0.862126	0.880493	-1.13573	0.942696	1.05405	1.05405	0.84779	1.15107	1.15107	?	?	?	0.836749	0.859789	-1.16308	0.806831	1.19646	1.19646	0.477944	1.69596	1.69596	0.400995	1.87651	1.87651	0.267267	2.33078	2.33078	0.338127	2.551186	7.54707	1
cg20007522	RRAS2;RRAS2	0.926943	0.564022	0.713883	-1.40079	0.338488	1.7686	1.7686	0.969562	1.0223	1.0223	0.598683	0.75171	-1.35923	0.473966	0.656491	-1.52325	0.645436	1.30701	1.30701	0.988095	0.991997	-1.00807	0.83594	1.12731	1.12731	0.551202	0.705786	-1.41686	0.357095	1.88823	4.70167	1
cg16251399	GUSB;2	0.926951	?	?	?	0.663624	1.86154	1.86154	?	?	?	0.63658	1.96623	1.96623	0.502429	2.63679	2.63679	0.708164	0.586455	-1.70586	0.612783	1.86498	1.86498	?	?	?	0.246674	4.1497	20.1872	1
cg18313388	RPTOR;RPTOR	0.926968	0.977433	1.01555	1.01555	0.769147	1.17417	1.17417	0.184583	0.464061	-2.15489	0.993744	1.00429	1.00429	0.539088	0.712304	-1.40389	0.81228	0.878277	-1.13859	0.946424	1.03734	1.03734	0.990802	0.993731	-1.00631	0.450891	0.657646	-1.52057	0.356937	1.68253	4.19005	1
cg15431627	RAD21	0.926993	0.856356	0.949091	-1.0533	0.875607	1.15687	1.15687	0.751447	1.3479	1.3479	0.143693	1.64258	1.64258	0.125621	0.855534	1.18474	1.11474	0.871959	1.16188	0.123682	2.58097	2.58097	0.380594	3.22852	0.90557	1.11671	1.11671	0.5089	4.80686	12.1814	1
cg20022589	BYR	0.927002	0.519113	0.679293	-1.47212	0.968007	0.977202	-1.02333	0.322526	1.83058	1.83058	0.538282	1.44582	1.44582	0.491568	0.661435	-1.51187	0.952254	1.03606	1.03606	0.598522	1.3694	1.3694	0.736982	1.22072	1.22072	0.769058	1.19225	1.19225	0.358274	1.97864	4.92835	1
cg05968258	CUGBP2;CUGBP2;CUGBP2;CUGBP2	0.927005	0.749008	0.84117	-1.18882	0.86418	1.09664	1.09664	0.96438	1.02435	1.02435	0.863732	0.911597	-1.09698	0.458859	0.50139	1.50139	0.661598	1.26785	1.26785	0.201906	2.06689	2.06689	0.527183	1.41227	1.41227	0.675119	1.25499	1.25499	0.356865	1.64088	4.08713	1
cg10017293	SMAGP;DAZAP2;SMAGP	0.927036	0.441413	1.88845	1.88845	0.448371	1.86964	1.86964	0.8008	1.24681	1.24681	0.710128	1.21307	1.21307	0.914403	0.916606	-1.09098	0.637354	1.46897	1.46897	0.363801	2.30431	2.30431	0.874778	0.880094	-1.13626	0.816872	1.2156	1.2156	0.356531	0.934633	2.33019	1
cg00793093	MGAT5B;MGAT5B	0.927053	0.519085	1.49004	1.49004	0.671258	1.02685	1.02685	0.509947	0.939658	-1.1153	0.812484	1.03831	1.03831	0.597902	0.99945	-1.00055	0.775498	1.06635	1.06635	0.395315	1.21491	1.21491	0.91853	0.800616	1.04944	0.778686	1.06566	1.06566	0.357049	0.288127	0.717305	1
cg10240506	ARHGEF10	0.927117	0.894041	0.926842	-1.07893	0.637583	1.31064	1.31064	0.456761	1.54045	1.54045	0.539951	1.42438	1.42438	0.601084	0.740263	-1.35087	0.836831	1.19646	1.19646	0.477944	1.69596	1.69596	0.400995	1.87651	1.87651	0.267267	2.33078	2.33078	0.338127	2.551186	7.54707	1
cg16584045	LARP1B;LARP1B;LARP1B	0.927193	0.967913	1.02166	1.02166	0.881634	0.979754	1.0933	0.630886	1.13368	1.13368	0.41028	1.55031	1.55031	0.614458	1.30262	1.30262	0.645436	1.30701	1.30701	0.988095	0.991997	-1.00807	0.83594	1.12731	1.12731	0.551202	0.705786	-1.41686	0.357095	1.88823	4.70167	1
cg08984023	ZNF365;ZNF365;ZNF367	0.927214	0.608406	0.892483	-1.12047	0.397299	1.288215	1.288215	0.787346	1.08219	1.08219	0.866656	0.99513	-1.00489	0.425658	0.788476	-1.26827	0.453429	2.24996	2.24996	0.586576	0.851794	-1.17399	0.885621	1.04295	1.04295	0.657481	1.13924	1.13924	0.356621	0.482209	1.20147	1
cg17509537	SERF2	0.927234	0.377346	1.53866	1.53866	0.697147	1.20467	1.20467	0.197982	1.91138	1.91138	0.977108	0.986431	-1.01376	0.864493	0.921894	-1.08472	0.63677	1.25417	1.25417	0.581955	1.30308	1.30308	0.945818	0.968159	-1.03289	0.767128	1.15188	1.15188	0.35662	1.28037	3.19117	1
cg06551490	ZNF381;ZNF331	0.927237	0.674973	1.5866	1.5866	0.708853	1.16467	1.16467	0.354149	1.2606	1.2606	0.644738	1.16404	1.16404	0.745957	0.827412	-1.41625	0.870984	1.31961	1.31961	0.479739	0.958894	-1.04262	0.556411	0.685252	-1.45932	0.476673	0.631434	-1.5837	0.356159	1.27999	5.68298	1
cg21093166	IRX2;IRX2;C5orf38	0.927241	0.539012	1.14439	1.14439	0.960905	0.10169	1.01069	0.854979	0.961102	-1.04047	0.781018	0.941357	-1.0623	0.31834	1.25064	1.25064	0.988331	0.996834	-1.00318	0.978303	1.0005	1.0005	0.30475	0.794159	-1.25919	0.890126	0.970471	-1.03043	0.356561	0.265596	0.662027	1
cg18841894	SOD1	0.927250	0.76599	0.948951	-1.05403	0.76764	1.07587	1.07587	0.729629	0.927233	-1.07853	0.907303	1.027263	1.027263	0.227906	1.28313	1.28313	0.910207	0.972923	-1.02764	0.644327	0.939465	-1.06444	0.829383	0.932606	-1.07192	0.619467	1.17482	1.17482	0.356885	0.884888	1.86488	1
cg03207125	MAFK SPATS2L;SPATS2L;SPATS2L;SPATS2L;SP	0.927254	0.419356	0.774621	-1.29095	0.927822	0.972346	-1.02844	0.381537	0.757456	-1.32021	0.445457	0.786048	-1.27219	0.787923	0.919333	-1.08704	0.409759	1.29813	1.29813	0.694634	0.885045	-1.12989	0.761965	0.910257	-1.09859	0.771128	0.913674	-1.09448	0.356583	0.541021	1.34866	1
cg03997390	ATS2L	0.927255	0.433164	0.888552	-1.12492	0.436952	1.12379	1.12379	0.436952	1.12755	1.12755	0.709721	1.04002	1.04002	0.793582	0.962192	-1.03929	0.895409	0.980829	-1.01955	0.639674	0.93926	-1.07186	0.428705	0.887893	-1.12626	0.513158	1.10252	1.10252	0.356858	0.122319	0.304919	1
cg08578403	CDYL;CDYL;CDYL;CDYL	0.927261	0.449812	1.16858	1.16858	0.764818	1.06257	1.06257	0.901312	0.975216	-1.02541	0.980755	0.995133	-1.00489	0.367642	0.82927	-1.20588	0.526607	0.878279	-1.13859	0.805285	1.05123	1.05123	0.859807	1.03641	1.03641	0.421619	1.18066	1.18066	0.356569	0.231311	0.576134	1
cg20196094	TCK1	0.927265	0.482724	1.03063	1.03063	0.97744	1.04369	1.04369	0.446923	1.04362	1.04362	0.69642	1.04362	1.04362	0.693354	1.04362	1.04362	?	?	?	1.000	1.000	1.000	0.52529	1.24418	1.24418	0.073118	2.03775	2.03775	0.444568	1.69685	3.69428	10.979	35.3206	1
cg25588675	PSMC4;PSMC4	0.927281	0.673864	0.841803	-1.18793	0.880678	0.940718	-1.06302	0.763178	1.13082	1.13082	0.401795	0.705313	-1.41781	0.25477	0.616458	-1.62217	0.577502	0.795376	-1.25727	0.969266	1.0158	1.0158	0.980592	1.00995	1.00995	0.62016	1.2254	1.2254	0.356531	0.934633	2.33019	1
cg02384122	PGPEP1	0.927282	0.37083	0.759495	-1.31666	0.480714	0.806877	-1.23935	0.81827	0.93342	-1.07133	0.537153	0.84481	-1.18367	0.354332	0.751814	-1.33012	0.767746	0.915158	-1.09271	0.358425	0.753737	-1.32672	0.414191	0.77889	-1.28388	0.47748	0.805558	-1.24138	0.35653	0.506055	1.26168	1
cg02771506	EIF2C2	0.927316	0.173286	0.84389	1.185	0.381753	0.37482	1.185	0.381753	0.37482	1.185	0.381753	0.37482	1.185	0.381753	0.37482	1.185	0.852025	0.810564	1.23405	0.844067	0.934405	-1.0702	0.77226	1.29536	0.883068	-1.13242	0.425342	0.749792	-1.3337	0.356455	0.706386	1.76146	1
cg11442185	CS	0.927217	0.809002	1.05099	1.05099	0.459323	0.856648	-1.16734	0.885375	0.93007	-1.07007	0.967479	1.08401	1.08401	0.266019	1.26873	1.26873	0.513419	1.14581	1.14581	0.988002	1.00283	1.00283	0.887405	0.971325	-1.02952	0.486464	1.15629	1.15629	0.356464	0.238102	0.539739	1
cg20163508	AKAP1	0.927245	0.435407	1.12446	1.12446	0.830007	1.04241	1.04241	0.624007	0.89064	-1.12279	0.795793	1.08238	1.08238	0.400642	1.24602	1.24602	0.532723	1.19916	1.19916	0.416502	0.862307	1.15966	1.15966	0.484641	1.19844	1.19844	0.416866	1.19236	1.19236	0.356455	0.506055	1.26168	1
cg03030006	STK32C	0.927226	0.540958	1.50268	1.50268	0.860145	0.890436	-1.12305	0.380055	1.8085	1.8085	0.665485	1.33139	1.33139	0.333817	1.92692	1.92692	0.935584	0.948201	-1.05463	0.360356	1.85663	1.85663	0.473783	1.61508	1.61508	0.758236	1.22526	1.22526	0.356446	0.244426	0.60538	1
cg22027207	ACP2;NEK3;ACP2	0.927229	0.56216	0.764002	-1.30929	0.478315	0.719909	-1.39063	0.903602	0.949203	-1.05352	0.58985	0.794208	-1.25956	0.448941	0.706188	-1.41552	0.797238	1.01605	1.01605	0.975124	1.14954	1.14954	0.581475	1.31787	1.31787	0.662589	0.816363	1.22495	1.22495	0.35644	1.19028	2.98801	1
cg02221424	C1orf172	0.927246	0.581672	0.736486	-1.35743	0.462098	1.50852	1.50852	0.659203	1.46209	1.46209	0.745957	1.38444	1.38444	0.781838	1.16125	0.861393	0.424645	0.642201	-1.56055	0.785944	0.939007	1.06527	0.699537	1.49252	0.732978	1.36482	1.53689	1.53689	0.340755	1.40705	0.604202	0.245425	4.24601	1
cg02874983	CDH8	0.927274	0.930282	1.06204	1.06204	0.511235	0.63236	-1.58138	0.805503	1.18494	1.18494	0.36193	0.52519	-1.90407	0.374937	0.534525	-1.87082	0.619951	1.41038	1.41038	0.46154	0.597154	-1.67461	0.945799	1.04787	1.04787	0.944994	0.953649	-1.0486	0.356355	2.67012	6.66033	1
cg17592334	ZNF280A;ZNF280A	0.927286	0.890656	0.979293	1.0214	0.808853	1.07107	1.07107	0.843043	0.945957	1.05742	0.872412	-1.14625	0.707862	0.71333	1.40127	1.40127	0.419793	1.41356	1.41356	0.333681	1.51996	1.51996	0.728369	1.2822	1.2822	0.962605	1.03875	0.635589	0.716054	1.39604	1.55132	0.994986	0.748204	1
cg26819611	KIFC3;KIFC3	0.927231	0.595173	0.757478	-1.32017	0.858918	1.09652	1.09652	0.377849	0.625849	-1.59783	0.836907	1.11267	1.11267	0.910857	0.956048	-1.04597	0.479394	1.45122	1.45122	0.907578	0.941622	-1.062	0.344782	1.65533	1.65533	0.826494	1.892524	1.892524	-1.12042	0.356286	1.51371	3.77651	1
cg16193324	WDR53	0.927311	0.803606	1.12546	1.16246	0.960264	0.976955	-1.02555	0.670213	0.777845	-1.2856	0.355313	0.563016	-1.77615	0.909561	0.837386	-1.19419	0.880864	1.09484	1.09484	0.994332	0.995718	-1.0043	0.916776	1.06518	1.06518	0.202381	1.440469	1.440469	-2.25405	0.356285	2.05955	5.13832	1
cg04142661	CHN2	0.927336	0.96047	1.02963	1.02963	0.861765	1.080373	1.16917	0.699127	0.955973	-1.04638	0.878407	0.875354	-1.14249	0.546866	0.682233	-1.46519	0.646503	1.12677	1.12677	0.908479	0.934491	-1.0701	0.824042	1.12426	1.12426	0.249563	2.038854	2.038854	-2.03859	0.356217	1.95843	4.88671	1
cg01507068	GNAI1;GNAI1	0.927341	0.652376	0.743641	-1.34474	0.558652	1.47157	1.47157	0.86232	1.12006	1.12006	0.69384	1.29889	1.29889	0.32276	1.94871	1.94871	0.726329	1.25802	1.25802	0.441577	0.558953	-1.66958	0.962989	0.970145	-1.03077	0.639613	0.734877	-1.36077	0.356228	2.40724	6.60673	1
cg18155853	LRRQ4	0.927348	0.450427	1.12446	1.12446	0.830007	1.04241	1.04241	0.624007	0.89064	-1.12279	0.795793	1.08238	1.08238	0.400642	1.24602	1.24602	0.532723	1.19916	1.19916	0.416502	0.862307	1.15966	1.15966	0.484641	1.19844	1.19844	0.416866	1.19236	1.19236	0.356455	0.506055	1.26168	1
cg25135816	SNRPF	0.927361	0.884177	0.874257	-1.14383	0.762832	1.32182	1.32182	0.441252	2.06256	2.06256	0.800268	1.26328	1.26328	0.99178	1.00954	1.00954	0.615323	0.626662	-1.59576	0.581849	0.598853	-1.66986	0.957078	0.951593	-1.05087	0.250855	3.0225	3.0225	0.356169	4.7944	11.9647	1
cg16909084	PXDN	0.927362	0.501109	0.842713	-1.18705	0.227542	0.466158	-2.1452	0.391302	0.590385	-1.69381	0.61165	0.747499	-1.33779	0.872055	1.10198	1.10198	0.994413	0.995791	-1.00423	0.735124	0.934978	-1.07005	0.766258	0.968019	-1.03289	0.767128	1.15188	1.15188	0.35662	1.28037	3.19117	1
cg01232410	POP4;POP4	0.927397	0.793895	0.751585	-1.33052	0.294481	0.305464	-3.2737	0.804355	1.31089	1.31089	0.430327	2.40606	2.40606	?	?	?	0.690551	1.54721	1.54721	0.971312	0.936619	1.06527	0.699537	1.49252	0.732978	1.36482	1.53689	1.53689	0.340755	1.40705	0.604202	0.245425	4.24601	1
cg03748310	KIAA1875	0.927432	0.416324	0.453525	-2.20495	0.375306	2.37757	2.37757	0.323317	2.6405	2.6405	0.710585	0.701336	-1.42585	0.996637	0.995597	-1.00402	0.936091	0.92651	-1.07932	0.865894	1.17454	1.17454	0.980385	0.976872	-1.02368	0.945428	0.936022	-1.06732	0.356054	5.10873	12.7539	1
cg22749394	TNS2;TNS2;TNS2;TNS2	0.927439	0.612399	0.774052	-1.29178	0.808853	1.07107	1.07107	0.843043	0.945957	1.05742	0.872412	-1.14625	0.707862	0.71333	1.40127	1.40127	0.419793	1.41356	1.41356	0.333681	1.51996	1.51996	0.728369	1.2822	1.2822	0.962605	-1.03875	0.635589	0.716054	1.39604	1.55132	0.994986	0.748204	1
cg16217343	KPNA3	0.927462	0.428001	0.78881	-1.26773	0.705368	1.11779	1.11779	0.74231	0.907805	-1.10156	0.834074	1.06343	1.06343	0.558573	0.840782	-1.18937	0.505323	1.12915	1.12915	0.559916	1.18865	1.18865	0.610884	0.860337	-1.16234	0.53389	0.831353	-1.20286	0.355996	0.484563	1.20991	1
cg26395694	ITPR1;ITPR1;ITPR1	0.927462	0.607139	0.774052	-1.29178	0.808853	1.07107	1.07107	0.843043	0.945957	1.05742	0.872412	-1.14625	0.707862	0.71333	1.40127	1.40127	0.419793	1.41356	1.41356	0.333681	1.51996	1.51996	0.728369	1.2822	1.2822	0.962605	-1.03875	0.635589	0.716054	1.39604	1.55132	0.994986	0.748204	1
cg11110215	RPL37	0.927479	0.363701	0.797199	-1.25439	0.724536	0.917678	-1.08971	0.766941	1.07483	1.07483	0.955638	1.0136	1.0136	0.292972	0.76729	-1.30329	0.7068	0.912331	-1.09609	0.911083	1.02749	1.02749	0.552829	1.15695	1.15695	0.844168	1.04894	1.04894	0.355965	0.332363	0.829953	1
cg08351269	PJA2	0.927481	0.434944	0.81362	-1.22908	0.81528	1.06247	1.06247	0.577922	0.864556	-1.15666	0.89041	1.03634	1.03634	0.209963	0.710283	-1.40789	0.839506	1.05391	1.05391	0.783849	1.07379	1.07379	0.789341	0.933016	-1.07179	0.980336	0.993639	-1.0064	0.355961	0.377954	0.943807	1
cg08159271	PLEC1;PLEC1 PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.927499	0.886136	0.904556	-1.10551	0.453505	1.70675	1.70675	0.444094	1.72888	1.72888	0.96668	1.02968	1.02968	0.434231	0.572004	-1.74824	0.855139	1.13649	1.13649	0.461775	1.68961	1.68961	0.497784	1.61912	1.61912	0.86284	0.885982	-1.12869	0.355927	2.76295	6.90017	1
cg25162423	HMGN4	0.927517	0.212244	2.018165	2.018165	0.162606	0.782394	1.278313	0.816862	0.943402	-1.05999	0.76398	1.18297	1.18297	0.494564	0.745957	-1.34056	0.886645	0.990704	-1.00958	0.958526	1.02468	1.02468	0.838465	1.13553	0.964584	0.990707	-1.00938	0.858526	1.10468	1.10468	0.355893	1.57494	4.58319	1
cg01690020	OSBPL11;OSBPL11	0.927555	0.861233	0.910966	-1.09774	0.665463	0.977188	-1.02334	0.80256	1.14285	1.14285	0.626955	1.30254	1.30254	0.803555	1.14206	1.14206	0.533184	0.713152	1.40223	0.400652	0.58171	0.58171	0.256508	2.88104	2.88104	0.142754	1.19213	1.19213	0.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1-vs-1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1-vs-1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1-vs-1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1-vs-1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1-vs-1247 vs. N)	p-value(1521 vs. N)	Fold-Change(1-vs-1521 vs. N)	p-value(3477 vs. N)	Fold-Change(1-vs-3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	p-value(5377 vs. N)	Fold-Change(1-vs-5377 vs. N)	p-value(5637 vs. N)	Fold-Change(1-vs-5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error)
cg14825887	WDSUB1;WDSUB1;WDSUB1	0.92860	0.612861	0.808104	-1.23746	0.673583	0.893852	-1.19353	0.964192	1.01892	1.01892	0.408361	1.42235	1.42235	0.878533	0.938135	-1.06094	0.941683	1.41098	1.41098	0.539888	0.771715	-1.29582	0.993574	0.999254	-1.00075	0.498115	1.13268	0.353727	0.97684	2.45473	
cg06507551	CTTNBP2	0.92686	0.859132	1.19639	1.19639	?	?	?	0.768304	1.3474	1.3474	0.341481	2.6895	2.6895	0.655645	1.82792	1.82792	0.581568	1.75385	1.75385	0.856801	0.833337	-1.19999	0.601973	0.587929	-1.70089	0.570401	0.56799	-1.76059	0.334789	4.80177	14.3427	1
cg20948377	LOC90784	0.92869	0.550968	0.845994	-1.18204	0.738117	0.911176	-1.09748	0.944221	1.01959	1.01959	0.526454	0.837007	-1.19473	0.961345	1.01353	1.01353	0.613515	0.868332	-1.15163	0.241216	1.40507	1.40507	0.92136	0.972998	-1.02775	0.835083	1.05949	1.05949	0.353651	0.430416	1.08184	1
cg05003837	TRAP1	0.92870	0.609935	1.26436	1.26436	0.915534	0.952784	-1.04956	0.564935	1.30375	1.30375	0.364025	1.52999	1.52999	0.131452	0.633295	-1.57904	0.955115	1.02599	1.02599	0.942397	0.967592	-1.03349	0.882613	1.06968	1.06968	0.577312	1.29262	0.353626	1.16403	2.92396	1
cg10472759	PKIB;PKIB;SERINC1	0.92871	?	?	0.666589	1.60888	1.60888	?	?	?	0.611652	1.75584	1.75584	0.977467	0.969516	-1.03144	0.67059	0.625014	-1.59996	?	?	?	0.563193	0.52561	-1.90255	0.243446	2.45113	12.0822	1
cg24051152	EXOSC4	0.92873	0.584248	0.926213	-1.07067	0.491469	1.10178	1.10178	0.894919	1.0185	1.0185	0.315093	0.865806	-1.15499	0.560462	0.921589	-1.08508	0.456938	0.900245	-1.11081	0.822631	0.969336	-1.03163	0.83994	1.02845	1.02845	0.715062	0.950413	-1.05217	0.33256	0.107745	0.270884	1
cg04946387	B3GAT1;B3GAT1	0.92879	0.643662	1.3259	1.3259	0.343767	1.80507	1.80507	0.996049	0.997006	-1.003	0.5442	1.45023	1.45023	0.914608	0.951521	-1.05095	0.779529	1.18524	1.18524	0.205075	2.24718	2.24718	0.616457	1.35773	1.35773	0.780345	1.18447	1.18447	0.353556	2.05344	5.16262	1
cg03077331	FN3K	0.92882	0.399166	1.49636	1.49636	0.455134	1.42649	1.42649	0.7041	1.19503	1.19503	0.361848	1.54907	1.54907	0.78275	1.13776	1.13776	0.796792	0.886485	-1.12803	0.344958	1.57492	1.57492	0.482055	1.39606	1.39606	0.878443	1.07408	1.07408	0.353551	1.22087	3.66947	1
cg25848444	ASB1	0.92883	0.73817	1.11374	1.11374	0.567687	0.83071	-1.20349	0.884007	0.954206	-1.04799	0.807799	0.78457	1.08457	0.428254	0.771286	1.29654	0.785151	1.09171	1.09171	0.250694	1.40721	1.40721	0.457405	1.02593	1.02593	0.914561	1.03506	1.03506	0.353529	0.57732	1.45157	1
cg04112495	MOGS;MOGS	0.92884	0.367505	0.825482	-1.21141	0.738458	1.07189	1.07189	0.463242	1.1673	1.1673	0.853829	1.03895	1.03895	0.426707	1.18311	1.18311	0.820129	1.04832	1.04832	0.416346	1.1878	1.1878	0.968727	0.991911	-1.00816	0.953605	1.01213	1.01213	0.353552	0.240334	0.604296	1
cg09375284	GIOP1	0.92885	0.898936	1.03479	1.03479	0.855122	1.07415	1.07415	0.397735	1.83477	1.83477	0.846947	1.14554	1.14554	0.251639	1.31481	1.31481	0.858033	1.13372	1.13372	0.751554	0.800417	1.24935	1.24935	0.702317	-1.42434	0.806348	0.841852	1.41786	1.41786	0.353513	2.75066	6.91638	1
cg21411757	NUDT4;NUDT4P1;NUDT4	0.92873	0.893079	0.974598	-1.02606	0.667255	0.920579	-1.08627	0.956967	0.989729	-1.01038	0.730169	0.935903	-1.06849	0.627531	1.09807	1.09807	0.398642	0.847608	-1.17979	0.320366	1.23516	1.23516	0.813331	1.13313	1.13313	0.866738	1.03265	1.03265	0.35349	0.204945	0.515356	1
cg23031145	OPTC	0.92875	0.311994	0.547877	-1.17995	0.549812	0.716406	-1.39586	0.861507	1.10503	1.10503	0.97957	1.03421	1.03421	0.428387	0.640426	-1.56146	0.654944	0.780418	-1.28136	0.502326	0.687117	-1.45536	0.401525	0.622978	-1.60519	0.830536	1.12539	1.12539	0.353488	1.7027	4.27663	1
cg24065755	NCRNA00171	0.92807	0.73732	1.23866	1.23866	0.257089	2.12128	2.12128	0.950382	1.04036	1.04036	0.228309	2.23434	2.23434	0.863134	1.11595	1.11595	0.87692	1.10356	1.10356	0.550249	1.46858	1.46858	0.980815	1.01056	1.01056	0.789218	1.18572	1.18572	0.353425	2.26276	5.691	1
cg19790078	C21orf29;KRTAP22-1;KRTAP22-2	0.92881	0.512359	0.617322	-1.6199	0.210102	0.38336	-2.60852	0.752373	0.794713	-1.25832	0.806242	0.836613	-1.1953	0.405667	0.559246	-1.85444	0.494286	0.604193	-1.6551	0.527103	0.62812	-1.59205	0.755713	0.797278	-1.25427	0.944655	1.05168	0.353417	0.24966	0.714876	1
cg16625916	CTNNA2;CTNNA2	0.92823	0.478946	1.26093	1.26093	0.457967	0.952868	-1.05021	0.993446	1.01317	1.01317	0.659756	1.1821	1.1821	0.210859	1.52743	1.52743	0.580642	1.1636	1.1636	0.791144	1.08902	1.08902	0.510875	1.23896	1.23896	0.717102	0.889661	1.12402	0.353395	0.579808	1.45335	1
cg13027493	HECW1	0.92852	0.919912	1.01926	1.01926	0.996483	0.999164	-1.00084	0.456633	1.15466	1.15466	0.654283	1.08926	1.08926	0.829676	0.95996	-1.04171	0.471892	1.1489	1.1489	0.473088	0.870734	-1.14846	0.687352	0.926129	-1.07976	0.395494	1.17947	1.17947	0.353339	0.201351	0.506536	1
cg00112626	BCORL2	0.92853	0.664325	1.23156	1.23156	0.59972	0.977284	-1.02052	0.814642	0.649333	-1.54005	0.956219	0.904008	-1.10619	0.685186	1.21118	1.21118	0.447262	1.17031	1.17031	0.709142	1.89525	1.89525	0.342855	0.605038	0.605038	0.818855	1.52758	1.52758	0.347356	18.1973	40.7462	1
cg14845736	ANGEL2;ANGEL2	0.92886	0.324429	1.56212	1.56212	0.298205	0.676238	0.976234	-1.02439	0.970444	1.01136	0.611704	0.837002	1.19506	0.879252	0.935538	-1.0689	0.51022	0.746192	-1.34014	0.790544	0.88987	-1.12376	0.327171	0.56631	1.76631	0.960966	1.01664	1.01664	0.353325	0.70508	2.70468	1
cg00743585	TULP3;TULP3	0.92888	0.824871	0.971486	-1.02935	0.656199	1.06023	1.06023	0.368655	1.12809	1.12809	0.691858	0.949331	-1.05337	0.88499	1.01907	1.01907	0.676648	1.05627	1.05627	0.847884	1.02538	1.02538	0.673737	0.946226	-1.05683	0.275396	1.15964	1.15964	0.353285	0.0953309	0.239859	1
cg14321522	INPP5A	0.92889	0.637249	0.807858	-1.23778	0.619997	1.08041	1.08041	0.331006	1.5706	1.5706	0.577882	1.2872	1.2872	0.958349	0.778425	-1.28494	0.860858	1.05982	1.05982	0.52139	1.33895	1.33895	0.456887	0.702171	-1.42434	0.751108	0.866832	1.15363	0.353269	0.12851	2.83953	1
cg18990761	C20orf42;LOC24P1	0.92901	0.84153	1.06787	1.06787	0.53527	0.813867	-1.2287	0.728211	0.891866	-1.12215	0.826026	0.748685	0.84831	-1.17881	0.994796	1.00214	1.00214	0.790794	0.916479	-1.09113	0.826026	0.74088	1.07488	0.334408	1.38621	1.38621	0.38652	1.33802	0.353244	0.602018	1.51489	1
cg11759121	ZFYVE21	0.92903	0.323333	2.00621	2.00621	0.47555	1.2838	1.2838	0.732853	1.20242	1.20242	0.788127	1.20242	1.20242	0.860523	1.1279	1.1279	0.544021	0.908473	1.10046	0.911469	1.1229	1.1229	0.973194	1.02326	1.02326	0.492763	1.61079	1.61079	0.353244	0.27005	0.5193	1
cg08059820	CLCN2;CLCN2;POLR2H;CLCN2;CLCN2	0.92906	0.527633	1.20812	1.20812	0.593703	0.852927	-1.17243	0.860766	0.949455	-1.05324	0.727909	0.901959	-1.1087	0.605318	0.857264	1.1665	0.767325	1.09161	1.09161	0.38253	1.30287	1.30287	0.399919	1.28991	1.28991	0.898622	1.03837	1.03837	0.353235	0.488288	1.22874	1
cg21580456	SLC41A1;SLC41A3;SLC41A1;SLC41A3;SLC41A3;SL C41A1;SLC41A3	0.92893	0.437429	0.518809	-1.92712	0.718714	1.34924	1.34924	0.880916	1.13218	1.13218	0.65386	0.688115	-1.45325	0.402122	0.491571	-2.03429	0.364544	0.462252	-2.16332	0.430123	0.513262	-1.94832	0.320578	0.742707	-1.34643	0.887461	1.12442	1.12442	0.353223	3.83694	9.6557	1
cg18394090	ASF1B;ASF1B	0.92894	0.25258	2.8598	2.8598	0.920769	1.09142	1.09142	0.716552	0.725717	-1.37795	0.501228	1.8225	1.8225	0.585025	0.6158	-1.6239	0.509393	1.80124	1.80124	0.856259	1.17284	1.17284	0.879499	1.14269	1.14269	0.664974	1.46682	1.46682	0.35322	4.32477	10.8834	1
cg27278234	NSMAF;NSMAF	0.92898	0.515338	1.23617	1.23617	0.628209	0.643397	0.475415	0.791166	-1.26395	0.594413	1.0063	1.0063	0.851249	1.18149	1.33423	1.33423	0.994729	0.997905	-1.0021	0.597588	0.844035	1.1876	0.842194	0.595139	-1.68005	0.868281	1.14572	1.14572	0.353106	0.572289	1.45282	1
cg24106416	ZNF311	0.92851	0.478986	0.793197	-1.26072	0.421022	0.767497	-1.30294	0.596398	1.18774	1.18774	0.681178	0.875476	-1.14224	0.504148	0.803958	1.24385	0.830771	0.70132	0.70132	0.669158	1.14801	1.14801	0.753216	1.10687	1.10687	0.606492	1.18206	1.18206	0.35315	0.579601	1.45887	1
cg09227227	C6orf182;SESN1	0.92856	0.937108	1.02014	1.02014	0.931023	0.978358	-1.02212	0.379157	1.25611	1.25611	0.604453	0.876278	-1.14119	0.44554	1.21718	1.21718	0.923799	1.02447	1.02447	0.843009	0.951121	-1.05139	0.617212	1.13582	1.13582	0.41086	0.808531	-1.23681	0.353139	0.357242	0.899219	1
cg18182216	FAM63A;FAM63A;FAM63A;FAM63A;FA M63A	0.92862	0.637948	0.65059	-1.53707	0.897866	0.890059	-1.12352	0.882394	1.13471	1.13471	0.924223	1.09012	1.09012	0.366358	0.430988	-2.32025	0.338824	0.409024	-2.44485	0.512822	0.567315	-1.8257	0.347266	0.415719	-2.40547	0.91383	1.10315	1.10315	0.353128	0.460003	0.613346	1
cg26146949	DHD4	0.92863	0.744957	1.02765	1.02765	0.807206	0.8326	0.853305	0.772372	1.12568	1.12568	0.678818	0.917776	1.09244	0.929403	0.918622	1.08511	0.746115	0.883573	1.13182	0.482384	0.774911	1.29091	1.29091	0.749741	1.33401	0.742865	0.834301	1.19865	1.19865	0.353104	0.142865	0.833446	1
ch.10.1999173	PLCE1;PLCE1	0.92862	0.508723	0.709173	-1.41009	0.623945	0.776231	-1.28828	0.583991	1.32772	1.32772	0.648349	0.790273	-1.26539	0.984577	1.00996	1.00996	0.255793	0.83699	1.83699	0.925965	0.953473	-1.0488	0.804094	0.880376	-1.13588	0.964107	0.977196	-1.02334	0.35309	0.146954	0.3695	1
cg11318054	PTPRN2;PTPRN2;PTPRN2	0.92898	0.851279	0.926171	-1.07971	0.508012	0.760017	-1.31576	0.266971	0.623387	-1.60414	0.916311	1.04389	1.04389	0.532297	0.772222	-1.29496	0.954793	1.02344	1.02344	0.644924	1.20901	1.20901	0.549245	0.780652	-1.28098	0.703912	1.16886	1.16886	0.353059	0.933716	2.3508	1
cg13105522	TBC1D9;ZNF750	0.92906	0.916004	1.01509	1.01509	0.978812	0.716406	-1.39586	0.861507	1.10503	1.10503	0.97957	1.03421	1.03421	0.428387	0.640426	-1.56146	0.654944	0.780418	-1.28136	0.502326	0.687117	-1.45536	0.401525	0.622978	-1.60519	0.830536	1.12539	1.12539	0.353048	1.7027	4.27663	1
cg00019997	NRCAM;NRCAM LOC283856;GNAO1;GNAO1;GNAO1;GN	0.92909	0.532654	1.59554	1.59554	0.824236	1.17874	1.17874	0.754695	1.26076	1.26076	0.490951	1.67735	1.67735	0.550817	1.56233	1.56233	0.961221	1.0366	1.0366	0.234916	2.51023	2.51023	0.407794	1.87004	1.87004	0.431389	1.81063	1.81063	0.353037	3.0558	7.694	1
cg26495109	AO1	0.92853	0.681074	1.15183	1.15183	0.599759	1.1992	1.1992	0.805173	0.918711	-1.08848	0.654603	1.16706	1.16706	0.802533	0.917622	-1.08977	0.440948	0.763691	-1.30943	0.661203	0.859596	-1.16334	0.843063	1.07037	1.07037	0.309861	1.43407	1.43407	0.352953	0.657911	1.65691	1
cg03096126	ZNF532	0.92905	0.336613	1.43805	1.43805	0.709807	1.1469	1.1469	0.773341	0.899524	-1.1117	0.825409	0.922182	-1.08438	0.875764	1.05905	1.05905	0.869055	1.06237	1.06237	0.289427	0.668168	-1.49663	0.674752	1.16738	1.16738	0.95069	0.977578	-1.02294	0.352943	0.75161	1.89294	1
cg01020694	NCOR1	0.92901	0.396284	1.39736	1.39736	0.453347	1.07416	1.07416	0.884093	0.96456	-1.03606	0.70076	1.15475	1.15475	0.742266	1.04416	1.04416	0.742266	0.90078	1.10998	0.74242	1.25202	1.25202	0.94387	1.04387	1.04387	0.447511	1.25799	1.25799	0.799061	1.00034	0.992418	0.43738	1
cg20169576	DOK6	0.92906	0.817618	1.14528	1.14528	0.72375	0.811234	-1.23269	0.637284	0.867966	-1.15252	0.732168	0.943467	1.06035	0.744707	0.913268	1.09496	0.717433	0.614688	-1.62684	0.460643	0.746544	1.33955	0.619469	0.715373	1.39784	0.966511	1.03506	1.03506	0.352939	0.19863	0.478506	1
cg09290114	KDR	0.92892	0.62832	1.66364	1.66364	0.602744	1.67255	1.67255	0.940075	1.06372	1.06372	0.768121	1.78881	1.78881	0.442004	1.27768	1.27768	0.800223	0.863814	1.15812	1.15812	0.907355	1.10229	1.10229	0.972194	1.02326	1.02326	0.492763	1.61079	1.61079	0.352934	0.27005	0.5193	1
cg08141142	MTA1 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B; PRKAR1B;PRKAR1B	0.92912	0.44464	2.9002	2.9002	0.253729	5.097	5.097	0.913364	0.861821	-1.16033	0.697262	1.70605	1.70605	0.577706	2.15653	2.15653	0.448407	2.87386	2.87386	0.396111	3.27869	3.27869	0.60698	2.03192	2.03192	0.854227	2.28571	1.28571	0.352823	10.4332	26.2851	1
cg20381963	2NF268;2NF268;2NF268;2NF268;2NF26 8;2NF268;2NF268;2NF268;2NF268;2NF268	0.92912	0.434741	2.26431	2.26431	0.79381	0.927798	-1.07782	0.561006	1.18884	1.18884	0.60943	0.8782	-1.13869	0.607989	1.13867	1.13867	0.466557	1.24362	1.24362	0.987086	0.995579	-1.00444	0.307791	1.36432	1.36432	0.640376	1.1485	1.1485	0.352813	0.483866	1.21907	1
cg21808250	PRKAR1A;PRKAR1A;PRKAR1A;PRKAR1A; ALDH1L2;ALDH1L2	0.92913	0.360304	0.799709	-1.25046	0.733274	0.921926	-1.08469	0.977603	1.00669	1.00669	0.793635	1.06429	1.06429	0.513294	1.17065	1.17065	0.515255	1.16976	1.16976	0.701648	0.91258	-1.09579	0.847347	1.04687	1.04687	0.447383	1.20206	1.20206	0.352799	0.315584	0.795124	1
cg21331473	SHC3	0.92918	0.629831	0.724704	-1.37987	0.720652	0.788143	-1.26881	0.186097	0.394761	-2.53318	0.923911	1.06539	1.06539	0.674178	0.75551	-1.32361	0.907088	1.08049	1.08049	0.666927	0.750455	-1.33253	0.633812	1.37465	1.37465	0.6711	0.753363	-1.32738	0.352789	2.45632	6.18895	1
cg14009012	SHC3	0.92919	0.831426	1.2421	1.2421	0.658638	1.57607	1.57607	0.815643	1.27331	1.27331	0.644767	1.42296	1.42296	0.618405	0.958256	-1.67152	0.587196	1.1524	1.1524	0.753409	0.77975	-1.28253	0.70095	0.52788	2.52788	0.599953	0.71857	-1.39157	0.352787	5.84976	14.7392	1
cg14937106	EIF1AX	0.92914	0.541404	0.732533	-1.36507	0.306087	0.586547	-1.70489	0.267455	0.632417	-1.58124	0.538938	1.36779	1.36779	0.726803	0.835119	-1.19755	0.576357	0.752629	-1.32868	0.316976	0.787153	-1.2704	0.843193	0.905099	1.10485	0.819002	0.891013	-1.12232	0.352774	1.4262	3.58642	1
cg08271632	CD82;CD82	0.92914	0.614458	0.851858	-1.1739	0.643054	1.15873	1.15873	0.393453	0.758895	-1.31771	0.634553	0.859711	-1.16318	0.946761	0.97914	-1.0213	0.505636	0.807986	-1.23765	0.749402	0.993781	-1.00646	0.901514	0.961673	-1.03985	0.384477	1.32509	1.32509	0.35276	0.556734	1.40287	1
cg17251433	TMEM41A	0.92909	0.965609	1.01856	1.01856	0.93612	0.97679	-1.02378	0.644605	0.952358	-1.04964	0.762598	1.34504	1.34504	0.203727	1.24448	1.24448	0.922436	1.24762	1.24762	0.242372	1.24474	1.24474	0.191344	0.95351	-1.04876	0.346003	1.52968	1.52968	0.352713	0.72559	1.65264	1
cg23781398	ATP12A	0.92920	0.584132	1.7511	1.7511	0.978408	1.02781	1.02781	0.838361	1.23001	1.23001	0.282569	3.10097	3.10097	0.645178	1.59991	1.59991	0.378077	2.50085	2.50085	0.292731	3.02324	3.02324	0.844971	1.21948	1.21948	0.625935	1.64527	1.64527	0.352662	5.73769	14.4619	1
cg07344021	DUSL2;DUS2	0.92921	0.427847	1.83815	1.83815	0.315975	2.18026	2.18026	0.593049	1.50031	1.50031	0.315326	2.1832	2.1832	0.784902	1.24741	1.24741	0.838423	1.96425	1.96425	0.944185	1.05406	1.05406	0.897841	1.10342	1.10342	0.925157	1.07322	1.07322	0.352649	0.31963	0.796166	1
cg00900642	DNL2	0.92916	0.77391	0.827795	-1.14574	0.364843	0.55503	-1.55503	0.424947	1.47104	1.47104	0.987824	0.992821	-1.00723	0.648147	0.804795	-1.24255	0.837398	0.907511	-1.10192	0.4791	0.711345	-1.40579	0.521954	0.92158	1.04792	1.04792	0.67628	0.820001	-1.21951	0.346656	1.19382	2.68861	1
cg11255513	ZW10	0.92935	0.445304	0.711148	-1.40618	0.841273	0.915901	-1.09182	0.631774	1.23557	1.23557	0.880392	1.06819	1.06819	0.725985	1.16667	1.16667	0.265794	0.601684	-1.662	0.530958	0.757256	-1.32056	0.823033	0.906527	-1.10311	0.661308	0.824366	-1.21305	0.352603	1.07186	2.70208	1
cg05136036	ARHGEF2;ARHGEF2;ARHGEF2	0.92926	0.763833	1.31009	1.31009	0.627309	1.14342	1.14342	0.480537	0.790777	-1.47259	0.913726	1.17691	1.17691	0.488543	0.852	-1.17352	0.535207	1.40847	1.40847	0.311395	1.06129	1.06129	0.959715	1.27345	1.27345	0.605615	0.752646	1.32863	1.32863	0.352559	0.56189	1.41004	1
cg03571927	OPTN;OPTN	0.92925	0.809513	0.799007	-1.25155	0.81243	1.24176	1.24716	0.981376	1.02193	1.02193	0.4343	0.476519	-2.09855	0.299476	0.368207	-2.71586	0.557077	0.575922	-1.73635	0.530733	0.55431	-1.80405	0.71995	1.39725	1.39725	0.671717	1.48597	1.48597	0.352525	4.81999	12.1536	1
cg22715562	ZNF20	0.92865	0.852564	1.02816	1.02816	0.845241	1.40358	1.40358	0.952408	1.0128	1.0128	0.918291	0.963913	-1.03744	0.562037	1.32886	1.32886	0.914555	1.0327	1.0327	0.881815	1.94627	1.94627	0.358153	1.94627	1.94627	0.358153	1.94627	1.94627	0.358153	0.01464	0.010458	0.248378	1.39674	1.39674	0.352504	2.62005	6.84311	1
cg12837697	RBM5 FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGF	0.92928	0.820613	1.03828	1.03828	0.421358	0.872967	-1.14552	0.733631	0.945071	-1.05812	0.456709	0.882173	-1.13356	0.919767	1.0168	1.0168	0.952658	0.990228	-1.00987	0.325321	1.18292	1.18292	0.957252	1.00891	1.00891	0.643274	1.08019	1.08019	0.352506	0.157224	0.385114	1
cg01049916	R2;FGFR2;FGFR2;FGFR2	0.92936	0.396435	1.61642	1.61642	0.636884	0.768781	-1.30076	0.447	0.65142	-1.53511	0.717053	1.22294	1.22294	0.911243	1.0636	1.0636	0.874029	1.0917	1.0917	0.477188	1.49134	1.49134	0.566942	1.37718	1.37718	0.700507	0.807572	-1.23828	0.352467	1.70705	4.30503	1
cg17846194	DHH	0.92931	0.849522	0.908442	-1.10079	0.401552	0.647875	-1.54351	0.471314	0.690425	-1.44838	0.25326	0.547044	-1.82801	0.4558	0.681127	-1.46815	0.84902	1.10114	1.10114	0.581448	0.754662	-1.3251	0.956462	0.972777	-1.02798	0.962569	0.976553	-1.02401	0.3524	1.42648	3.59814	1
cg08487038	UHRF2	0.92939	0.632703	0.917379	-1.09006	0.675711	1.09206	1.09206	0.983589	1.00432	1.00432	0.554869	0.88247	-1.13318	0.964674	0.990772	-1.00931	0.901	1.02639	1.02639	0.19693	0.751455	-1.33075	0.86041	1.03753	1.03753	0.693512	1.08645	1.08645	0.352365	0.244557	0.616929	1
cg17450307	CDL43BP;CDL43BP;CDL4A3BP;POLK	0.92936	?	?	?	0.949831	0.95535	-1.04674	0.735576	0.781874	-1.27898	0.277115	2.27173	2.27173	0.548569	0.643612	-1.55373	0.844511	0.86715	-1.1532	0.967404	0.970771	-1.03011	0.679313	1.35225	1.35225	0.57444	1.50962	1.50962	0.333493	2.47408	7.41869	1
cg20535105	TNS1	0.92953	0.973152	0.978102	-1.02239	0.757014	0.68662	-1.45641	0.913152	1.07441	1.07441	0.664329	1.17604	1.17604	0.664329	0.854623	-1.17035	0.724704	1.07404	1.07404	0.492841	1.58126	1.58126	0.885397	0.909328	-1.09971	0.352357	0.724549	0.69354	1.44842	1
cg03816507	CTBP1;CTBP1	0.92963	0.975685	1.01572	1.01572	0.783378	1.15157	1.15157	0.720484	1.202	1.202	0.323014	1.69054	1.69054	0.65981	1.25462	1.25462	0.585392	0.754205	-1.3259	0.431387	1.50857	1.50857	0.63699	0.783941	-1.27561	0.679009	0.805301	-1.24203	0.352357

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22806907	PLEKHH3	0.930423	0.572301	1.07475	-1.34273	0.867185	0.917183	-1.09029	0.9207	1.04663	1.04663	0.711823	0.829722	-1.20522	0.160562	0.461076	-2.16884	0.749116	1.18024	1.18024	0.6025	0.762321	-1.31178	0.937925	0.96057	-1.04105	0.885021	0.927991	-1.0776	0.392109	1.48002	3.75545	1
cg19132792	EPM2AIP1;MLH1;MLH1;MLH1;MLH1;EP	0.930429	0.395531	1.49561	1.49561	0.860198	0.92156	-1.08512	0.609496	1.26962	1.26962	0.915515	1.04672	1.04672	0.609941	0.784665	-1.27443	0.966332	0.980632	-1.01975	0.72585	0.84948	-1.17719	0.568619	0.765677	-1.30609	0.355581	1.55324	1.55324	0.592098	1.19125	3.02282	1
cg18279577	FTSJ2	0.930446	0.614885	0.754193	-1.32592	0.924658	0.95405	1.05466	0.933018	1.04786	1.04786	0.254503	0.93799	1.93799	0.400773	1.6133	1.6133	0.716827	1.22453	1.22453	0.918272	1.05874	1.05874	0.744807	1.19909	1.19909	0.453154	1.52956	1.52956	0.350264	1.71553	4.35362	1
cg19787366	MPPE1	0.930448	?	?	?	?	0.554772	1.91257	1.91257	0.522009	0.493963	-2.02444	0.630192	1.69082	1.69082	?	?	0.97955	0.972764	-1.028	?	?	?	0.670603	1.58834	1.58834	0.807664	0.768679	-1.30093	0.267186	3.00479	9.53172	1
cg21637744	SH3BP1	0.930455	0.769731	0.865615	-1.15525	0.710888	0.832782	-1.20079	0.259083	1.78404	1.78404	0.4562	0.45223	1.45223	0.92548	1.04707	1.04707	0.971483	0.982579	-1.01773	0.821441	1.11755	1.11755	0.993636	1.53665	1.53665	0.903669	1.06134	1.06134	0.350247	1.34086	3.40295	1
cg02729011	WDR90	0.93046	0.457007	0.730821	-1.36832	0.592305	1.2508	1.2508	0.488802	1.33793	1.33793	0.568245	0.787592	-1.26969	0.936975	0.967791	-1.03328	0.358795	0.676621	-1.47793	0.933499	1.03515	1.03515	0.851462	1.0807	1.0807	0.816715	1.10089	1.10089	0.350238	0.950705	2.41285	1
cg05024202	ZMYM1	0.930465	0.535711	0.869089	-1.15063	0.839855	0.955742	1.04631	0.713423	0.935946	-1.06932	0.910423	0.935946	-1.06932	0.741193	1.07697	1.07697	0.930025	0.980542	-1.01984	0.902006	0.935547	-1.06909	0.813076	0.948385	-1.05442	0.450886	1.18751	1.18751	0.282409	1.28389	1.28389	0.350228	0.277563	0.704632	1
cg04144321	NCRNA00173;NCRNA00173	0.930466	0.482897	2.26256	2.26256	0.497227	1.454231	-2.20153	0.775218	0.7205	-1.38793	0.516846	1.12232	1.12232	0.544978	0.49587	-2.01666	0.422464	2.55527	2.55527	0.940494	1.08924	1.08924	0.698776	1.56086	1.56086	0.808245	1.32101	1.32101	0.350226	1.72172	18.456	1
cg23361708	MOGS;MOGS	0.93051	0.629821	1.53274	1.53274	0.781955	0.783507	-1.27631	0.794431	0.794836	-1.25812	?	?	?	?	0.398355	2.13908	2.13908	0.806602	0.805989	-1.24071	0.44199	0.501886	-1.99249	0.559657	1.67988	1.67988	0.730533	1.3553	1.3553	0.331272	3.6062	10.8859	1
cg06900784	ESRRG;ESRRG;ESRRG;ESRRG;ESRRG	0.930515	0.340886	1.83091	1.83091	0.644622	1.31333	1.31333	0.282427	1.95707	1.95707	0.228466	2.17915	2.17915	0.746774	1.02098	2.12098	2.12098	0.725514	1.24263	1.24263	0.953	0.993601	1.27636	1.27636	0.907122	1.26188	1.26188	0.631428	1.34697	1.34697	0.35013	2.1059	5.34612	1
cg06157924	TMEM175	0.930525	0.791035	0.638696	-1.56569	0.608761	0.818035	-2.3906	0.223664	0.65661	0.65661	0.95998	0.918774	-1.08841	0.928473	0.859354	-1.16366	0.422865	0.251066	-3.98302	0.928474	0.963595	-1.03778	0.942064	0.884523	-1.13055	0.846821	0.721442	-1.38611	0.350212	15.804	40.1244	1
cg18541417	RASGRP1;RASGRP1	0.930544	0.681265	1.44077	1.44077	0.844407	0.835472	-1.19691	0.745221	0.743582	-1.34705	0.188744	2.24343	2.24343	0.667627	1.48468	1.48468	0.454922	2.00629	2.00629	0.464844	1.97489	1.97489	0.401628	2.19151	2.19151	0.466503	1.98073	1.98073	0.350075	4.64021	11.7821	1
cg12180893	PABPN1	0.930548	0.397901	1.44343	1.44343	0.518533	0.757657	-1.31986	0.383769	1.46037	1.46037	0.850778	1.08313	1.08313	0.932939	0.63633	1.03633	0.836544	1.09155	1.09155	0.81623	0.906007	-1.10374	0.403462	0.43693	-1.43693	0.839633	0.917672	-1.08971	0.350067	0.996818	2.53112	1
cg19736671	PPT1;PPT1	0.930549	0.748587	1.07203	1.07203	0.995756	0.998536	-1.00117	0.705707	0.920308	-1.08659	0.954403	0.987571	-1.01259	0.365667	1.22563	1.22563	0.628494	1.11263	1.11263	0.81105	0.949823	-1.05383	0.264125	1.2902	1.2902	0.567013	1.13504	1.13504	0.350064	0.26567	0.674594	1
cg03781266	HECW1	0.930563	0.689357	1.80176	-1.80469	0.539013	0.773381	-1.29516	0.141545	1.11445	1.11445	0.487594	0.977322	-1.17948	0.81116	0.884384	-1.13073	0.947157	1.13701	1.13701	0.905697	-1.10412	0.754564	0.929117	-1.07629	0.686184	0.909243	-1.09982	0.562128	0.87172	-1.14736	0.472664	0.84274	-1.18661	0.350038	0.304606	1
cg08690721	C11orf17;C11orf17;STS;STS	0.930563	0.859909	0.953365	-1.04892	0.427431	1.24489	1.24489	0.314535	1.32468	1.32468	0.737678	1.09513	1.09513	0.803309	1.06979	1.06979	0.654602	1.12945	1.12945	0.406832	0.795015	-1.25784	0.820364	1.06342	1.06342	0.878402	1.04226	1.04226	0.350037	0.405159	1.02887	1
cg22630215	CLSTN2	0.930565	0.729235	1.26778	1.26778	0.668994	0.760377	-1.31514	0.550272	1.46956	1.46956	0.382286	1.76955	1.76955	0.958736	1.01951	1.01951	0.566062	0.691087	-1.447	0.554764	1.46307	1.46307	0.752395	1.25196	1.25196	0.615047	0.653696	-1.52976	0.350034	2.24916	5.71158	1
cg26588225	FAM139B;FAM139B;FAM139B	0.930568	0.453212	2.675559	-1.48024	0.859538	0.932366	-1.07254	0.459555	1.83918	1.83918	0.184384	1.47734	1.47734	0.81116	0.884384	-1.13073	0.947157	1.13701	1.13701	0.905697	-1.10412	0.545963	1.36844	1.36844	0.607537	1.22198	1.22198	0.442328	1.49496	1.49496	0.611547	1.30069	1.30069	0.350029	1.46062	3.70921	1
cg27533872	PRPF38B;PRPF38B	0.930576	0.656051	2.21116	2.21116	0.971823	1.06424	1.06424	0.707616	1.94672	1.94672	0.642065	2.29093	2.29093	?	?	?	0.535764	0.328072	-3.04811	0.702273	1.97215	1.97215	0.404314	0.217176	-4.60455	0.799052	0.637445	-1.56876	0.31119	12.4928	25.0908	1
cg24758898	ZNF804B;MGC26647	0.930585	0.527065	0.819335	-1.22499	0.912567	0.965818	-1.03539	0.607924	1.17805	1.17805	0.612324	1.17565	1.17565	0.722809	1.08288	1.08288	0.859895	0.945591	-1.05754	0.432148	1.28898	1.28898	0.785095	0.980043	-1.02041	0.709268	0.888169	-1.12591	0.349995	0.555808	1.41159	1
cg06636316	CCNE1;CCNE1	0.930595	0.315424	1.35973	1.35973	0.35512	1.32525	1.32525	0.322521	1.35326	1.35326	0.951996	0.982336	-1.01798	0.658335	1.14082	1.14082	0.647336	1.14608	1.14608	0.855	0.947287	-1.05565	0.695455	1.12352	1.12352	0.744248	1.10176	1.10176	0.349976	0.485739	1.23371	1
cg20653955	GRID2IP	0.930628	0.826433	1.23449	1.23449	0.635161	1.58168	1.58168	0.887315	0.872839	-1.14569	0.780689	0.765113	-1.307	0.29838	0.35559	-2.81223	0.871835	1.16751	1.16751	0.780902	0.765319	-1.30665	0.915176	1.1076	1.1076	0.329459	2.62583	2.62583	0.349912	5.09015	12.9535	1
cg23912217	LOC219347;LOC219347;LOC219347	0.930678	0.283206	3.53108	3.53108	0.477502	0.441675	-2.26411	0.992649	0.98963	-1.01048	?	?	?	0.98197	0.627413	-1.59385	0.634914	1.7181	1.7181	0.862192	0.82153	-1.21724	0.895602	1.16	1.16	0.860847	0.819936	-1.21961	0.330946	0.59647	18.0234	1
cg24408200	B3GNT1;B3GNT1	0.930701	0.94288	1.05938	1.05938	0.970057	0.992504	-1.00833	0.960753	0.992023	-1.00804	0.758499	1.12898	1.12898	0.883316	0.870442	-1.05583	0.760474	1.12987	1.12987	0.842795	1.13713	1.13713	0.651006	0.83601	-1.19616	0.900377	0.951925	-1.0505	0.349758	0.653975	2.1371	1
cg11309342	CDX19;ADAM22;ADAM22;ADAM22;ADAM22;	0.930729	0.731433	1.22881	1.22881	0.971055	0.978534	-1.02194	0.940412	0.956274	-1.04573	0.505728	1.49757	1.49757	0.834072	0.55571	-1.7995	0.524675	0.680077	-1.47042	0.641137	0.755223	-1.32411	0.849621	0.892688	-1.12021	0.49983	1.50626	1.50626	0.349715	1.98105	5.03533	1
cg27410756	ADAM20	0.93073	0.689069	0.886161	-1.12846	0.355557	1.33051	1.33051	0.996765	1.00122	1.00122	0.804106	0.928043	-1.07754	0.62768	0.863416	-1.15819	0.674665	1.06085	-1.31512	0.731699	0.901749	-1.10896	0.542613	0.830942	-1.20345	0.723099	1.11282	1.11282	0.349657	0.50002	1.27114	1
cg19117070	C6orf145	0.93076	0.331301	1.47472	1.47472	0.701447	1.161	1.161	0.996888	0.99849	-1.00151	0.85139	1.07539	1.07539	0.869333	1.06589	1.06589	0.62874	1.20782	1.20782	0.196489	1.69769	1.69769	0.572783	1.24714	1.24714	0.959131	1.02006	1.02006	0.349655	0.831742	2.11444	1
cg05080360	ZNF792	0.930768	0.842791	1.18732	1.18732	0.924106	1.16101	1.16101	1.03467	0.968335	1.03149	-1.07355	0.724073	1.38101	1.38101	0.812104	1.23104	0.900222	1.10287	1.10287	0.662401	1.13057	1.13057	0.553584	1.10371	1.10371	0.408623	1.14912	1.14912	0.349577	0.150116	0.381709	1
cg00788739	TCN2	0.930829	0.590532	0.734948	-1.36066	0.256403	0.510879	-1.95741	0.544855	0.706501	-1.41543	0.418887	0.626078	-1.59724	0.466617	0.644166	-1.55239	0.484692	0.668591	-1.49568	0.564284	0.707394	-1.41364	0.513303	0.686703	-1.45623	0.907178	0.93601	-1.06836	0.349521	1.77928	4.525	1
cg16654771	EZR;EZR	0.930843	0.859388	1.04646	1.04646	0.955774	0.964766	1.04705	0.83493	1.01961	1.01774	0.467505	1.03683	1.03683	0.348644	1.04906	1.04906	0.765026	1.07005	1.07005	0.743881	1.07005	1.07005	0.743881	1.07005	1.07005	0.743881

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg05323725	UHX1;UHX1	0.932460	0.804544	1.20347	1.20347	1.283924	2.27974	2.27974	0.501553	1.65687	1.65687	0.900746	0.951773	-1.07876	0.460303	0.573008	1.74517	0.7108	0.759043	-1.31745	0.943601	1.05377	1.05377	0.853529	1.39364	1.39364	0.765344	1.24804	1.246324	3.005666	7.71441	1
cg02809401	LTBP1;LTBP3;LTBP3	0.932502	0.534647	0.778274	-1.2849	0.513133	0.767678	-1.30263	0.552699	1.27053	1.27053	0.423001	0.721635	-1.38574	0.5982	0.808969	-1.23614	0.40631	0.712729	-1.40306	0.503282	0.762784	-1.31099	0.920124	1.04079	1.04079	0.809564	0.908243	-1.10303	0.346254	0.871451	2.23715	1
cg13364311	EPHA4	0.932508	0.470325	0.675381	-1.48065	0.544	0.720224	-1.38846	0.55922	0.729357	-1.37107	0.774193	0.857515	-1.16616	0.580349	0.741989	-1.34773	0.321156	0.578253	-1.72935	0.3714561	0.612385	-1.63296	0.754348	1.18263	1.18263	0.533925	0.714158	-1.40025	0.346242	1.56598	4.02024	1
cg21387988	SCNC52	0.932545	0.934775	0.9752	-1.02539	0.628883	0.861464	-1.16087	0.229419	0.679566	-1.47153	0.371696	0.765071	-1.32438	0.452679	0.791028	-1.26407	0.766054	0.916573	-1.09102	0.6430315	0.866782	-1.15369	0.881422	1.04079	1.04079	0.748249	0.986493	0.994828	2.0052	0.36417	0.514401	1.32087	1
cg02604244	LOC400927	0.932545	0.980349	1.01264	1.01264	0.509694	1.40658	1.40658	0.57323	1.33689	1.33689	0.594618	1.31519	1.31519	0.955911	1.41101	1.41101	0.565356	1.34509	1.34509	0.635391	1.2759	1.2759	0.455395	1.47377	1.47377	0.213053	1.95216	1.952116	3.646192	3.66325	1
cg22155038	TUBGCP4	0.932554	0.771143	1.16395	1.16395	0.533813	0.72036	-1.3882	0.816878	1.12833	1.12833	0.934517	1.0437	1.04371	0.237331	1.508857	-1.96519	0.820852	1.12531	1.12531	0.749521	1.18144	1.18144	0.616694	1.30041	1.30041	0.948604	0.967002	-1.03412	0.346152	1.48534	3.81423	1
cg18440470	XPR1;XPR1	0.932587	0.919551	0.982127	-1.0182	0.779014	0.951021	-1.0515	0.979387	0.995398	-1.00462	0.799423	0.955565	-1.0465	0.353879	1.18563	1.18563	0.966567	0.992546	-1.00751	0.4374961	0.868152	-1.15187	0.984832	1.0034	1.0034	0.343871	1.19013	1.19013	0.346088	0.174678	0.448641	1
cg16580570	C19orf57;CC2D1A	0.932588	0.703192	1.09538	0.622757	0.684266	-1.12551	0.925299	0.02569	1.10452	0.431457	1.2149	1.21409	0.919136	0.997656	-1.00235	0.42943	0.834912	-1.21225	0.419091	0.823765	-1.21689	0.954374	1.11318	0.852279	1.04538	0.45198	0.946086	0.31071	0.798028	1
cg16585679	ERP27 ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3;ATXN3	0.932601	0.688957	1.15423	1.15423	0.691485	0.867453	-1.1528	0.899082	0.952254	-1.05014	0.719062	1.13743	1.13743	0.299038	0.683133	-1.46771	0.990138	1.00442	1.00442	0.931124	1.0313	1.0313	0.29481	0.67887	-1.47304	0.986567	1.00502	1.00602	0.4606	0.696518	1.78907	1
cg26373609	3;ATN3;ATXN3;ATXN3;ATXN3	0.932603	0.602792	1.62497	1.62497	0.608468	0.620218	-1.61234	?	?	?	0.482424	0.515118	-1.9413	0.977168	1.02666	1.02666	0.804396	0.795784	-1.25662	0.962595	0.9578	-1.04406	0.426532	0.490264	-2.13127	?	?	?	0.287522	2.747229	6.82504	1
cg21777917	FGFR3;FGFR3;FGFR3	0.932627	0.547314	1.60993	1.60993	0.427881	0.834885	-1.19777	0.928774	1.07294	1.07294	0.296134	0.256313	2.52664	2.52664	0.287659	0.827216	-1.20887	0.533251	1.61794	1.61794	0.491207	1.72292	1.72292	0.307213	1.70433	1.70433	0.932176	0.935607	-1.06881	0.346041	3.35067	8.60777	1
cg00580652	GABRD	0.932627	0.580369	0.660962	-1.49485	0.207503	0.378667	-2.64084	0.568881	0.660642	-1.51368	0.835365	0.860858	-1.16163	0.581399	0.807079	-1.49319	0.873418	0.891554	-1.12164	0.941919	0.494104	-2.02386	0.648033	0.718279	-1.39222	0.817683	0.846838	-1.18086	0.346101	2.84048	7.29711	1
cg13263285	GTDBD1	0.932663	0.752946	0.950095	-1.05253	0.970882	1.005594	1.005594	0.944667	0.98881	-1.01132	0.680560	1.060942	1.06942	0.514752	1.11226	1.11226	0.452716	1.13204	1.13204	0.306315	0.842221	-1.18734	0.915651	0.98297	-1.01732	0.624273	1.08332	1.08332	0.346004	0.144039	0.370038	1
cg09058748	CD8A	0.932638	0.463983	0.803186	-1.24525	0.319897	0.79717	-1.35535	0.705949	1.16566	1.11866	0.788267	0.923458	1.08289	0.81555	0.932209	-1.07157	0.551565	0.836776	-1.19506	0.852382	0.960748	-1.04086	0.662009	0.897986	-1.11897	0.905619	0.736665	-1.35682	0.345987	0.479536	1.23199	1
cg07654712	SOCS5;SOCS5;SOCS5	0.932643	0.842074	0.959848	-1.04183	0.70149	1.08233	1.08233	0.381397	1.20253	1.20253	0.346245	1.2205	1.2205	0.485046	1.15691	1.15691	0.986369	1.00352	1.00352	0.907901	1.02406	1.02406	0.662159	0.913639	-1.09452	0.463411	1.1657	1.1657	0.345978	0.231245	0.594117	1
cg10406096	ZNF423	0.932693	0.964162	1.01863	1.01863	0.611771	0.810201	-1.23426	0.644875	1.21027	1.21027	0.763873	0.93062	1.13066	1.13066	0.933827	1.03471	1.03471	1.03471	0.31694	1.53023	1.53023	0.582026	1.25614	1.25614	0.587331	1.27527	1.27527	0.323128	1.52144	1.52144	0.345965	0.92651	2.18049	1
cg02893019	PRIM2;PRIM2	0.932665	0.626046	0.877555	-1.13979	0.661841	0.80022	-1.12357	0.232869	0.776523	-1.39563	0.799155	0.954424	1.05141	-1.07029	0.907198	0.964007	0.853494	0.951941	-1.05048	0.842632	0.948419	-1.05439	0.407036	1.25355	1.25355	0.984751	1.00511	1.00511	0.345912	0.388923	0.399357	1
cg01172656	NR8F2;NR8F2	0.932676	0.782061	1.07996	1.07996	0.965865	1.01194	1.01194	0.846663	0.947712	-1.05537	0.727778	0.907613	-1.10179	0.651321	1.13451	1.13451	0.646524	0.879774	-1.13666	0.623268	0.87167	-1.14722	0.885853	1.04065	1.04065	0.210854	1.44154	1.44154	0.345913	0.421575	1.08332	1
cg01354782	ITPK2	0.932693	0.408326	0.749583	-1.33396	0.839842	1.1741	1.1741	0.687584	1.14084	1.14084	0.562981	1.27626	1.27626	0.940851	1.04017	1.04017	0.54638	0.602033	-1.66104	0.552506	0.606812	-1.64796	0.827375	1.19559	1.19559	0.725754	1.34012	1.34012	0.345878	0.378539	0.72825	1
cg14910368	NXPH4	0.9327	0.443997	1.57716	1.57716	0.389455	1.6727	1.6727	0.879088	1.09286	0.997229	0.998341	-1.01066	0.721015	0.811264	-1.23264	0.906136	1.07123	1.07123	0.368381	1.74116	0.867261	0.907034	-1.10249	0.551909	0.70394	-1.42058	0.945866	1.86379	4.79002	1
cg16404186	GDPD1;GDPD1;GDPD1	0.932704	0.651284	1.3746	1.3746	0.728033	0.778138	1.3738	0.835416	0.888866	1.12503	0.613698	0.742359	1.42359	0.402955	1.57203	1.57203	0.970983	1.03246	1.03246	0.914394	1.11943	1.11943	0.857562	1.00054	1.00054	0.918886	0.947135	-1.05582	0.345857	1.55995	4.03361	1
cg23711669	FBXO30	0.932721	0.66759	1.63519	1.63519	0.386495	0.81872	1.01872	?	?	?	0.830169	1.26534	1.26534	0.676738	0.631672	1.5831	0.950935	1.00975	1.00975	0.73681	0.691031	-1.44711	0.267249	0.54777	3.54777	0.464282	2.26161	2.26161	0.326958	5.52555	16.8999	1
cg04062715	RASGEF1C	0.932735	0.969393	1.02101	1.02301	0.742827	1.21558	1.21558	0.401164	1.66448	1.66448	0.95741	1.03217	1.03217	0.320154	0.543846	-1.83876	0.751417	1.20735	1.20735	0.720936	1.23698	1.23698	0.563644	1.41383	1.41383	0.64495	0.759487	-1.31668	0.345797	1.92539	4.94931	1
cg18828883	ETNK2	0.932746	0.511626	1.19138	1.19138	0.844508	0.973358	-1.02737	0.736704	1.09481	1.09481	0.628062	1.09484	1.09484	0.443644	1.32933	1.32933	0.807361	1.09656	1.09656	0.846065	0.880963	-1.18911	0.687437	0.927497	-1.07817	0.691922	1.07693	1.07693	0.346776	0.188646	0.487524	1
cg24250902	GALNT2	0.93278	0.326314	0.70565	-1.41713	0.827474	1.07798	1.07798	0.745888	0.894167	-1.11836	0.409093	0.753622	-1.32693	0.700696	0.875579	-1.1421	0.862561	0.942133	-1.06142	0.685725	1.15022	1.15022	0.703478	0.876726	-1.14061	0.345441	0.715852	-1.39694	0.345708	0.64799	1.66612	1
cg13625187	PPP1R3;PPP1BP1	0.932789	0.71337	1.32958	1.32958	0.514524	0.94655	1.14655	0.422876	1.57301	1.57301	0.807838	0.872813	1.14572	0.410934	1.5664	1.5664	0.68632	1.2544	1.2544	0.393574	1.64209	1.64209	0.6024	1.6024	0.604754	0.870862	1.14823	1.14823	0.34569	1.70636	4.38794	1
cg06288255	TMEM108;TMEM108	0.932798	0.42784	0.806482	-1.23995	0.59039	0.983605	-1.01667	0.805094	1.06789	1.06789	0.228757	0.71481	-1.39897	0.619752	0.875555	1.14213	0.685852	0.828495	-1.20701	0.617409	0.874763	-1.14317	0.749392	0.918375	-1.0888	0.912754	1.02955	1.02955	0.345673	0.386448	0.99374	1
cg08444731	GRSF1;GRSF1	0.932798	0.857195	0.957544	-1.04434	0.589754	0.877121	-1.14009	0.71301	0.914864	-1.09306	0.471561	1.1929	1.1929	0.515851	0.853266	-1.17197	0.678212	0.904391	-1.10572	0.375522	0.803275	-1.2449	0.557278	1.15369	1.15369	0.798383	0.94021	-1.06359	0.345672	0.317598	0.816697	1
cg07107594	DGCR10	0.932804	0.925351	0.97625	-1.02475	0.625571	1.12419	1.12419	0.687685	1.03923	1.03923	0.727564	0.887396	1.10056	0.599403	1.14416	1.14416	0.815605	1.15105	1.15105	0.940395	1.09739	1.09739	0.854694	1.04945	1.04945	0.854694	0.885445	-1.11676	0.34566	1.98671	5.10896	1
cg17316564	GOLGA2L1;GOLGA2L1	0.932816	0.856788	1.2219	1.2219	0.784834	1.35495	1.35495	0.892058	1.16253	1.16253	0.966877	1.04711	1.04711	0.346232	0.497839	-2.00868	0.226389	0.238395	-4.19472	0.527501	0.490031	-2.04069	0.983698	0.977597	-1.02292	0.913771	1.12765	1.12765	0.345602	0.156452	0.366413	1
cg21885638	PLXND1	0.932821	0.940563	1.03548	1.03548	0.705284	0.722038	-1.38504	0.864064	0.541115	-1.84804	0.859654	0.904488	-1.10321	0.897788	0.97489	-1.02564	0.781368	0.7027	-1.42302	0.440928	0.71341	-1.4021	0.642421	1.12643	1.12643	0.626425	1.36584	1.36584	0.345627	0.732111	0.43861	1
cg18340446	ACTR8	0.932834	0.989215	1.00812	1.00812	0.495403	0.660779	-1.51337	0.95563	1.03386	1.03386	0.592593	1.38166	1.38166	0.936823	0.953659	-1.04859	0.582473	1.39422	1.39422	0.573419	0.711406	-1.40567	0.53685	1.45398	1.45398	0.346943	1.78548	1.78548	0.345603	0.960913	5.0435	1
cg23898827	CLASP1;CLASP1;CLASP1	0.932854	0.272076	1.77807	1.77807	0.673551	1.23777	1.23777	0.389792	1.55838	1.55838	0.346919	1.49069	1.49069	0.907932	0.993734	-1.00631	0.548763	1.35722	1.35722	0.581045	1.33293	1.33293	0.453837	1.46811	1.46811	0.923324	1.05032	1.05032	0.345563	1.38702	3.56761	1
cg08645257	HDLBP;HDLBP	0.932887	0.940734	1.03991	1.03991	0.726067	0.926204	-1.07944	0.626026	0.535355	1.52458	1.52458	0.715153	0.992008	0.77538	0.674958	-1.48065	0.807483	1.2406	1.2406	0.746357	1.285	1.285	0.497197	0.87008	-1.14949	0.87009	0.920322	1.08045	1.08045	0.345497	1.3729	8.42046	1
cg19974115	C4orf3;C4orf3	0.932895	0.508943	0.81043	-1.23391	0.748786	0.10605	1.10605	0.737631	0.899901	-1.11123	0.816136	0.929539	-1.0758	0.605881	1.17736	1.17736	0.900879	1.03986	1.03986	0.209053	0.660084	-1.51496	0.813874	0.928685	-1.07679	0.82702	0.933648	-1.07307	0.345482	0.538476	1.38544	1
cg15449045	MUC12	0.932902	0.843974	0.93852	-1.06546	0.570894	0.96974	1.18373	0.954264	0.971344	-1.0295	0.664723	0.800822	1.24873	0.462379	0.683164	-1.46384	0.675117	0.79537	-1.25667	0.579485	0.657555	1.3926	0.618304	0.77274	1.2935	0.584224	0.74935	1.34006	1.34006	0.345426	0.41935	0.66294	1
cg13641082	SNX8	0.932942	0.401058	0.462757	-2.16096	0.562555	0.591639	-1.69022	0.975627	1.02777	1.02777	0.863295	0.85681	-1.16712	0.344407	0.476564	-1.39432	0.488145	0.531842	-1.88026	0.287509	0.371569	-2.69129	0.625523	0.644332	-1.55417	0.760904	0.768049	1.302	1.302	0.34539	2.36939	11.3145	1
cg24341236	BICC1;MTCP1;MTCP1NB;BRCC3	0.932942	0.372047	0.162973	-6.13599	0.503501	0.260828	-3.83395	0.89928	0.778287	-1.28487	0.419461	0.51871	1.51871	0.71284	2.0787	2.0787	0.54835	0.300506	-3.32772	0.761944	0.548036	-1.8247	0.623225	0.375239	-2.66497	0.838365	0.667436	-1.49827	0.34539	21.4344	55.1632	1
cg25299712	LOC653602;LOC653602	0.932943	0.414345	0.558804	-1.51892	0.570894	0.969074	-1.18373	0.954264	0.971344	-1.0295	0.664723	0.800822	1.24873	0.462379	0.683164	-1.46384	0.41345	0.649961	-1.53855	0.809476	0.882965	-1.13255	0.495881	0.700121	-1.42814	0.992165	0.994933	-1.00507	0.342288	1.45212	3.73824	1
cg23084506	PRAMEF5	0.933007	0.783292	0.924233	-1.08198	0.624039	0.868334	-1.15163	0.893002	1.03921	1.03921	0.710156	0.919993	-1.08696	0.911967	0.968887	-1.03211	0.493202	0.816949	-1.22003	0.789616	0.70942	1.07942	0.169721	0.658359	-1.51893	0.890535	0.96141	-1.04014	0.345261	0.446619	1.14984	1
cg03131092	KIAA1543;KIAA1543	0.933042	0.834047	1.0856	1.0856	0.665415	0.902731	-1.10731	0.831655	0.972331	-1.02831	0.812206	0.921307	1.08893	0.886938	1.05202	1.05202	0.449727	0.7409	-1.34956	0.660733	0.894907	-1.11811	0.687437	0.927497	-1.07817	0.691922	1.07693	1.07693	0.346776	0.188646	0.487524	1
cg10221068	SUV420H2	0.933045	0.341855	0.610934	-1.63684	0.483564	1.4308	1.4308	0.646905	1.26119	1.26119	0.391043	1.55609	1.55609	0.789245	1.1443	1.1443	0.886444	1.07454	1.07454	0.636314	1.27081	1.27081	0.97729	1.01443	1.01443	0.850661	0.909525	-1.09947	0.345187	1.38397	3.56386	1
cg22555675	UNC13A	0.933049	0.435682	1.66553	1.66553	0.878976	1.10533	1.10533	0.51654	1.74676	1.74676	-1.35912	0.454099	0.658153	-1.65068	0.751798	1.23083	0.982604	1.01468	1.01468	0.879447	1.36199	1.36199	0.913993	0.92702	-1.07855	-1.78555	0.712879	1.79458	1.25809	0.345179	0.706326	4.68134	1
cg00768423	STX2;STX2	0.93051	0.996336	0.998003	1.00233	0.717436	0.814457	-1.27881	0.568074	0.779388	1.28306	0.507314	0.9403	0.836255	1.03952	1.03952	1.03952	0.815896	0.926151	-1.07974	0.551629	1.29073	1.32981	0.54043	1.85107	1.85107	0.425137	1.21507	1.21507	0.345175	0.02002	0.62673	1
cg27320127	KCNK12	0.930068	0.940527	1.01637	1.01637	0.616879	0.896033	-1.11603	0.284352	0.785013	-1.27386	0.51016	1.1565	1.1565	0.784742	1.0614	1.0614	0.713943	0.922997	-1.08343	0.906985	0.974881	-1.02577	0.704198	0.920334	-1.08656	0.450527	0.845918	-1.18215	0.345141	0.258936	0.666873	1
cg24261700	DCHS1;DCHS1;DCHS1	0.930069	0.942617	1.00625	1.00625	0.525571	1.12419	1.12419	0.687685	1.03923	1.03923	0.727564	0.887396	1.10056	0.599403	1.14416	1.14416	0.815605	1.15105	1.15105	0.940395	1.09739	1.09739	0.854694	1.04945	1.04945	0.854694	0.885445	-1.11676	0.34566	1.98671	5.10896	1
cg17316564	GOLGA2L1;GOLGA2L1	0.932816	0.856788	1.2219	1.2219	0.784834	1.35495	1.35495	0.892058	1.16253	1.16253	0.966877	1.04711	1.04711	0.346232	0.497839	-2.00868	0.226389	0.238395	-4.19472	0.527501	0.490031	-2.04069	0.983698	0.977597	-1.02292	0.913771	1.12765	1.12765	0.345602	0.156452	0.366413	1
cg21885638	PLXND1	0.932821	0.940563	1.03548	1.03548	0.705284	0.722038	-1.38504	0.864064	0.541115	-1.84804	0.859654	0.904488	-1.10321	0.897788	0.97489	-1.02564	0.781368	0.7027	-1.42302	0.440928	0.71341	-1.4021	0.642421	1.12643	1.12643	0.626425	1.36584	1.36584	0.345627	0.732111	0.43861	1
cg18340446	ACTR8	0.932834	0.989215	1.00812	1.00812	0.495403	0.660779	-1.51337	0.95563	1.03386	1.03386	0.592593	1.38166	1.38166	0.936823	0.953659	-1.04859	0.582473	1.39422	1.39422	0.573419	0.711406	-1.40567	0.53685	1.45398	1.45398	0.346943	1.78548	1.78548	0.345603	0.960913	5.0435	1
cg23898827	CLASP1;CLASP1;CLASP1	0.932854	0.272076	1.77807	1.77807	0.673551	1.23777	1.23777	0.389792	1.55838	1.55838	0.346919	1.49069	1.49069	0.907932	0.993734	-1.00631	0.548763	1.35722	1.35722	0.581045	1.33293	1.33293	0.453837	1.46811	1.46811	0.923324	1.05032	1.05032	0.345563	1.38702	3.56761	1
cg08645257	HDLBP;HDLBP	0.932887	0.940734	1.03991	1.03991	0.726067	0.926204	-1.07944	0.626026	0.535355	1.52458	1.52458	0.715153	0.992008	0.77538	0.674958	-1.48065	0.807483	1.2406	1.2406	0.746357	1.285	1.285	0.497197	0.87008	-1.14949	0.87009	0.920322	1.08045	1.08045	0.345497	1.3729	8.42046	1
cg19974115	C4orf3;C4orf3	0.932895	0.508943	0.81043	-1.23391	0.748786	0.10605	1.10605	0.737631	0.899901	-1.11123	0.816136	0.929539	-1.0758	0.605881	1.17736	1.17736	0.900879	1.03986	1.03986	0.209053	0.660084	-1.51496	0.813874	0.928685	-1.07679	0.82702	0.933648	-1.07307	0.345482	0.538476	1.38544	1
cg15449045	MUC12	0.932902	0.843974	0.93852	-1.06546	0.570894	0.96974	1.18373	0.954264	0.971344	-1.0295	0.664723	0.800822	1.24873	0.462379	0.683164	-1.46384	0.675117	0.79537	-1.25667	0.579485	0.657555	1.3926	0.618304	0.77274	1.2935	0.584224	0.74935	1.34006	1.34006	0.345426	0.41935	0.66294	1
cg13641082	SNX8	0.932942	0.401058	0.462757	-2.16096	0.562555	0.591639	-1.69022	0.975627	1.02777	1.02777	0.863295	0.85681	-1.16712	0.344407	0.476564	-1.39432	0.488145	0.531842	-1.88026	0.287509	0.371569	-2.69129	0.625523	0.644332	-1.55417	0.760904	0.768049	1.302	1.302	0.34539	2.36939	11.3145	1
cg24341236	BICC1;MTCP1;MTCP1NB;BRCC3	0.932942	0.372047	0.162973	-6.13599	0.503501	0.260828	-3.83395	0.89928	0.778287	-1.28487	0.419461	0.51871	1.51871	0.71284	2.0787	2.0787	0.54835	0.300506	-3.32772	0.761944	0.548036	-1.8247	0.623225	0.375239	-2.66497	0.838365	0.667436	-1.49827	0.34539	21.4344	55.1632	1
cg25299712	LOC653602;LOC653602	0.932943	0.414345	0.558804	-1.51892	0.570894	0.969074	-1.18373	0.954264	0.971344	-1.0295	0.664723	0.800822	1.24873	0.462379	0.683164	-1.46384	0.675117	0.79537	-1.25667	0.579485	0.657555	1.3926	0.618304	0.77274	1.2935	0.584224	0.74935	1.34006	1.34006	0.345426	0.41935	0.66294	1
cg23084506	PRAMEF5	0.933007	0.783292	0.924233	-1.08198	0.624039	0.868334	-1.15163	0.893002	1.03921	1.03921	0.710156	0.919993	-1.08696	0.911967	0.968887	-1.03211	0.493202	0.816949	-1.22003	0.789616	0.70942	1.07942	0.169721	0.658359	-1.51893	0.890535	0.96141	-1.04014	0.345261	0.446619	1.14984	1
cg03131092	KIAA1543;KIAA1543	0.933042	0.834047	1.0856	1.0856	0.665415	0.902731	-1.10731	0.831655	0.972331	-1.02831	0.812206	0.921307	1.08893	0.886938	1.05202	1.05202	0.449727	0.7409	-1.34956	0.660733	0.894907	-1.11811	0.687437	0.927497	-1.07817	0.691922	1.07693	1.07693	0.346776	0.188646	0.487524	1
cg10221068	SUV420H2	0.933045	0.341855	0.610934	-1.63684	0.483564	1.4308	1.4308	0.646905	1.26119	1.26119	0.391043	1.55609	1.55609	0.789245	1.1443	1.1443	0.886444	1.07454	1.07454	0.636314	1.27081	1.27081	0.97729	1.01443	1.01443	0.850661	0.909525	-1.09947	0.345187	1.38397	3.56386	1
cg22555675	UNC13A	0.933049	0.435682	1.66553	1.66553	0.878976	1.10533	1.10533	0.51654	1.74676	1.74676	-1.35912	0.454099	0.658153	-1.65068	0.751798	1.23083	0.982604	1.01468	1.01468	0.879447	1.36199	1.36199	0.913993	0.92702	-1.07855	-1.78555	0.712879	1.79458	1.25809	0.345179	0.706326	4.68134	1
cg00768423	STX2;STX2	0.93051	0.996336	0.998003	1.00233	0.717436	0.814457	-1.27881	0.568074	0.779388	1.28306	0.507314	0.9403	0.836255	1.03952	1.03952	1.03952	0.815896	0.926151	-1.07974	0.551629	1.29073	1.32981	0.54043	1.85107	1.85107	0.425137	1.21507	1.21507	0.345175	0.02002	0.62673	1
cg27320127	KCNK12	0.930068	0.940527	1.01637	1.01637	0.616879	0.896033	-1.11603	0.284352	0.785013	-1.27386	0.51016	1.1565	1.1565	0.784742	1.0614	1.0614	0.713943	0.922997	-1.08343	0.906985	0.974881	-1.02577	0.704198	0.920334	-1.08656	0.450527	0.845918	-1.18215	0.345141	0.258936	0.666873	1
cg24261700	DCHS1;DCHS1;DCHS1	0.930069	0.942617	1.00625	1.00625	0.525571	1.12419	1.12419	0.687685	1.03923	1.03923	0.727564	0.887396	1.10056	0.599403	1.14416	1.14416	0.815605	1.15105	1.15105	0.940395	1.09739	1.09739	0.854694	1.04945	1.04945	0.854694

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df(Error)
cg17159098	TMEM136	0.934607	0.477194	0.650373	-1.53754	0.473574	0.647983	-1.54325	0.775788	1.18484	1.18484	0.510334	1.45863	1.45863	0.477407	1.53725	1.53725	0.992106	0.994143	-1.02589	?	?	0.859917	0.930416	-1.1106	0.947008	1.04026	0.31788	1.54436	4.25104	1
cg22152521	ZC3H13	0.934658	0.68808	1.18175	1.18175	0.585258	0.796096	-1.25613	0.440742	0.722286	-1.38449	0.569137	0.788219	-1.26868	0.449357	0.726875	-1.37575	0.95302	0.975914	-1.02468	0.660251	0.832731	-1.20087	0.530522	0.768805	-1.30072	0.31143	0.648335	-1.54241	0.341992	0.927484	2.41067	1
cg26718510	TWF1	0.934689	0.610731	0.759973	-1.31584	0.870059	0.919403	-1.08766	0.765894	1.17294	1.17294	0.503313	0.695242	-1.43835	0.242296	0.517872	-1.93098	0.58033	0.741813	-1.34805	?	?	0.899874	0.93499	-1.06953	0.793723	0.869382	-1.15024	0.317816	1.24883	3.43825	1
cg20133098	C2CD4C	0.934689	0.971542	1.02405	1.02405	0.754805	1.13031	1.13031	0.941985	0.971943	-1.02887	0.570795	1.25107	1.25107	0.728873	0.872797	-1.14575	0.520583	1.28998	1.28998	0.240929	1.60366	1.60366	0.564859	0.796497	-1.2555	0.827805	1.08887	1.08887	0.341929	0.827902	2.15224	1
cg05875017	CHRND	0.934694	0.637685	0.643105	-1.55496	0.441244	0.933701	-1.07101	0.317995	0.382683	-2.61313	0.895577	0.884967	-1.12999	0.260877	0.335794	-2.97801	0.961444	0.95601	-1.04601	0.620822	1.59052	1.59052	0.582683	0.825614	0.847097	-1.1805	0.491321	0.468991	12.1923	1
cg06980173	ILGR;ILGR	0.934703	0.813845	0.916355	-1.09128	0.611265	1.20903	1.20903	0.311393	0.67852	-1.4738	0.966568	0.984599	-1.01564	0.889443	1.05286	1.05286	0.940176	1.02818	1.02818	0.476829	0.765003	-1.30719	0.472621	0.762676	-1.31066	0.627879	1.19827	1.19827	0.341897	0.742591	1.93064	1
cg02059453	RPA1	0.934713	0.84958	1.07159	1.07159	0.487838	0.773605	-1.29265	0.399574	0.730469	-1.36898	0.46071	0.760698	-1.31458	0.351638	0.705321	-1.41779	0.973011	0.987754	-1.0124	0.650792	1.18053	1.18053	0.967335	0.985197	-1.01503	0.678975	0.859359	-1.16366	0.341882	0.718193	1.86729	1
cg27050769	SPAG5	0.934722	0.757681	1.39022	1.39022	0.432667	1.88526	1.88526	0.62381	1.62333	1.62333	0.505176	1.94009	1.94009	0.47761	0.492773	2.02951	?	?	?	0.614469	0.551429	-1.81172	0.998782	0.998505	-1.0015	0.775434	1.32358	1.32358	0.323001	0.43836	15.5343	1
cg13174146	C19orf29;C19orf29	0.934755	0.776737	1.13478	1.13478	0.657375	1.2192	1.2192	0.814693	1.13006	1.13006	0.716099	0.851595	-1.17427	0.216919	0.56113	-1.78212	0.523136	0.749911	-1.33349	0.247977	0.906088	-1.10365	0.710427	0.847104	1.04123	0.849123	-1.17769	0.3418	1.0707	2.78448	1
cg17778165	MKRS	0.934815	0.241118	1.78889	1.78889	0.803719	1.12527	1.12527	0.775108	0.873049	-1.14541	0.957987	0.975341	-1.02528	0.749408	1.16403	1.16403	0.838509	1.10155	1.10155	0.673516	1.22244	1.22244	0.445206	0.691527	-1.44608	0.668534	1.22648	1.22648	0.341679	1.21561	3.16243	1
cg25061131	RELT;RELT	0.934815	0.607075	0.656364	-1.52354	0.769931	1.02594	1.02594	0.547629	1.6391	1.6391	0.654344	1.4415	1.4415	0.798195	0.812401	1.23092	?	?	?	?	?	?	?	?	?	0.235258	1.33156	0.729399	1
cg21219996	ROB8	0.93482	0.673304	0.854745	-1.16994	0.717016	0.873961	-1.14422	0.790289	1.09889	1.09889	0.51935	0.785246	-1.27349	0.451979	1.32791	1.32791	0.889989	1.05256	1.05256	0.531934	0.791101	-1.26406	0.606341	0.824989	-1.21214	0.467907	1.31438	1.31438	0.341637	0.741268	1.92848	1
cg23938293	XRRA1;XRRA1;SPC52	0.934844	0.806	1.14099	1.45099	0.901609	1.20571	1.20571	0.610429	2.17726	2.17726	0.340916	0.446189	4.44189	0.559244	2.64642	2.64642	0.34746	4.34754	4.34754	0.582817	0.435615	-2.31668	0.942663	1.11493	1.11493	0.859073	0.764276	1.30843	0.936533	11.9024	27.5819	1
cg11836600	KIF21A	0.934846	0.681553	1.18036	1.18036	0.946227	0.973256	-1.02748	0.615669	1.51663	1.51663	0.729528	0.8698	-1.14969	0.960444	1.02013	1.02013	0.980096	0.990024	-1.01008	0.719611	0.865132	-1.15589	0.750353	0.8796	-1.1368	0.30883	1.52698	1.52698	0.345619	0.873876	2.27382	1
cg05587030	C5orf211;RMND1;C5orf211	0.93485	0.277842	1.39708	1.39708	0.852665	1.10559	1.10559	0.775595	1.08838	1.08838	0.82884	1.06646	1.06646	0.824122	0.936172	-1.06818	0.82361	0.935989	-1.06839	0.875323	1.02467	1.02467	0.759766	1.19094	1.19094	0.277248	1.3977	1.3977	0.341581	0.475026	1.23604	1
cg19861833	NCAPG2;MRPS11;MRPS11	0.934857	0.941909	0.945396	-1.05776	0.339053	0.468485	-2.13454	0.839904	0.855691	-1.16865	0.517861	0.65718	-1.52157	?	?	?	0.594316	1.51344	1.51344	0.498209	0.588798	-1.69838	0.930281	0.9348	-1.06975	0.947995	1.05154	1.05154	0.322734	2.60717	8.35726	1
cg18296121	ZNF202	0.934862	0.710922	0.904004	-1.10619	0.663686	1.12593	1.12593	0.431459	1.24318	1.24318	0.312874	1.3271	1.3271	0.657798	1.12846	1.12846	0.584888	1.1613	1.1613	0.840436	0.946816	-1.05617	0.610501	0.87	-1.14943	0.981143	1.00643	1.00643	0.341586	0.397599	1.03465	1
cg05123138	SPG20;SPG20;SPG20;SPG20	0.934868	0.888338	1.02762	1.02762	0.929529	1.14165	1.14165	0.789273	1.03541	1.03541	0.543737	1.1268	1.1268	0.428309	1.16998	1.16998	0.669361	0.919941	-1.08703	0.386638	0.841567	-1.18826	0.775924	0.946073	-1.057	0.978097	0.994681	-1.00535	0.341579	0.204142	0.531238	1
cg04305115	PRIC285;PRIC285	0.934916	0.739508	0.8677	-1.14982	0.398507	1.14529	1.14529	0.848193	1.20839	1.20839	0.812005	1.08238	1.08238	0.852805	1.08252	1.08252	0.578599	1.26458	1.26458	0.693083	1.18052	1.18052	0.99611	1.0506	1.0506	0.963555	1.0193	1.0193	0.341478	0.966627	2.46413	1
cg03520983	PTPRG;PTPRG	0.934925	0.631568	1.09498	1.09498	0.768555	1.05699	1.05699	0.600338	1.10438	1.10438	0.707418	1.07338	1.07338	0.643688	1.09142	1.09142	0.446248	0.864316	-1.15698	0.391464	0.847976	-1.17928	0.976482	1.00555	1.00555	0.56863	1.11429	1.11429	0.34146	0.190759	0.496584	1
cg26805263	TNFRSF19;TNFRSF19	0.934948	0.980013	1.01606	1.01606	0.878807	0.865292	-1.17045	0.702932	0.78377	-1.27588	0.882373	1.76763	1.76763	0.99203	0.993669	-1.00637	0.714187	0.79145	-1.2635	0.227437	0.487622	-2.05077	0.995127	0.996124	-1.00389	0.643152	1.34636	1.34636	0.345155	0.218622	5.69193	1
cg03052178	C15orf28;ANP32A	0.93495	0.509364	0.601022	-1.66383	0.438611	1.82379	1.82379	0.90287	0.99731	1.09731	0.762232	1.30655	1.30655	0.746947	0.781721	-1.27923	0.4678	0.570101	-1.75407	0.765027	0.796127	-1.25608	0.705737	1.33447	1.33447	0.482787	1.72041	1.72041	0.341411	0.312843	8.1451	1
cg19754746	HSPA1B	0.934952	0.35244	1.76182	1.76182	1.31361	0.814644	1.28585	0.766377	1.29209	1.29209	0.664452	0.776354	1.31279	0.874441	0.95591	-1.04612	0.819866	1.05744	1.05744	0.844708	0.880283	-1.13675	0.836432	0.934251	1.06988	0.944118	0.820414	-1.2189	0.474802	0.802083	-1.24675	0.836432	0.934251	0.341818	1.34247	2.69879	1
cg13224914	CAMK1D;CAMK1D	0.935014	0.500292	1.65925	1.65925	2.384311	1.49398	1.49398	0.442608	1.78497	1.78497	0.670536	1.3726	1.3726	0.620024	1.44761	1.44761	0.479125	1.70316	1.70316	0.683374	1.35459	1.35459	0.413585	1.85635	1.85635	0.8401	1.16127	1.16127	0.341283	2.96072	7.71134	1
cg03594693	HEATR2	0.935032	0.613189	1.38051	1.38051	0.612601	1.18126	1.18126	0.562228	1.50113	1.50113	0.71734	1.25856	1.25856	0.486665	1.56374	1.56374	0.277604	2.04258	2.04258	0.276535	2.1461	2.1461	0.681913	1.37325	1.37325	0.7711	1.20226	1.20226	0.341246	2.1625	5.63296	1
cg25577078	SHANK2	0.93505	0.314542	2.30934	2.30934	1.820649	1.841751	1.1808	0.94005	1.357373	1.00007	0.751181	1.43575	1.43575	1.00007	0.751181	1.43575	0.595807	1.84719	1.84719	0.470902	1.51908	1.51908	0.994288	2.2628	2.2628	0.414091	2.62483	2.62483	0.341721	2.70441	18.5077	1
cg25122252	KIF1U;KIF1U	0.935073	0.661474	1.2258	1.2258	0.60717	1.27076	1.27076	0.541803	1.33025	1.33025	0.646934	0.808083	-1.2375	0.438272	1.44098	1.44098	0.492033	1.3805	1.3805	0.982565	1.01015	1.01015	0.500015	0.728808	-1.3721	0.586036	1.28929	1.28929	0.341665	1.15363	3.00573	1
cg19580742	IL16	0.935082	0.816658	0.934878	-1.07049	0.893812	1.14781	1.14781	0.551917	1.49417	1.49417	0.495252	1.18408	1.18408	0.594355	1.33581	1.33581	0.372126	0.449594	-1.22586	0.893894	1.1678	1.1678	0.840967	1.16757	1.16757	0.915141	0.922412	-1.08411	0.341548	3.17677	8.27734	1
cg22308467	FAM103A	0.935103	0.400395	2.85422	2.85421	2.821284	0.91336	1.91336	0.503135	2.28856	2.28856	0.508244	2.2654	2.2654	0.657165	1.84658	1.84658	0.508413	1.91089	1.91089	0.429053	2.64736	2.64736	0.464358	2.47778	2.47778	0.668467	1.69031	1.69031	0.341106	2.01999	20.8993	1
cg02981928	LUZP1;LUZP1	0.935108	0.297198	1.2804	1.2804	0.758009	0.931762	-1.07324	0.883197	1.03419	1.03419	0.770252	0.935219	-1.06927	0.648065	0.900231	-1.11083	0.785373	0.93948	-1.06442	0.884988	0.96744	-1.03366	0.62453	0.91943	1.11943	1.11943	0.400006	1.21779	1.21779	0.341095	0.282562	0.736353	1
cg04961307	TSPAN5	0.93518	0.685275	1.35011	1.35011	0.478815	1.67665	1.67665	0.636865	1.4509	1.4509	0.678502	1.65502	1.65502	0.723453	1.5253	1.5253	0.907605	0.971366	-1.03001	0.298013	1.23404	1.23404	0.58069	0.906024	-1.10354	0.663997	0.972131	-1.02867	0.341551	0.299117	0.64181	1
cg10160068	LOC728723;2BED3	0.935184	0.53496	0.566683	-1.76466	0.715583	1.39145	1.39145	0.537995	1.75151	1.75151	0.79577	1.75751	1.75751	?	?	?	0.724913	0.778927	-1.28382	0.648406	0.660376	-1.51429	0.251163	0.492391	-2.0309	0.798704	1.16301	1.16301	0.340752	1.88445	4.9158	1
cg09702043	TUBGCP5;TUBGCP5	0.935197	0.333795	2.43062	2.43062	2.011403	1.07019	1.07019	0.484485	1.68339	1.68339	0.808896	1.25124	2.15124	0.301366	2.895417	2.1168	0.608007	1.5829	1.58429	0.154729	0.586795	-1.70417	0.310356	0.807054	-1.23918	0.898285	0.998087	-1.00192	0.340917	4.28573	1.54744	1
cg20082272	CEP164 ABCA1;ABCG1;ABCG1;ABCG1;ABCG1;A BCG1	0.935243	0.52079	1.86571	1.86571	0.410427	2.24013	2.24013	0.455354	2.07203	2.07203	0.49964	1.92816	1.92816	0.495295	1.94146	1.94146	0.413843	2.22643	2.22643	0.33932	2.56929	2.56929	0.604979	1.64865	1.64865	0.512517	1.8897	1.8897	0.340826	4.95553	12.9242	1
cg16068063	BCAR1;BCAR1;BCAR1;BCAR1;BCAR1;BC AR1	0.935244	0.47478	0.706946	-1.41453	0.370666	1.55056	1.55056	0.60709	1.2808	1.2808	0.633628	0.7947	-1.25834	0.858467	1.0889	1.0889	0.458577	1.43348	1.43348	0.749147	1.16541	1.16541	0.693813	1.20778	1.20778	0.709228	1.19569	1.19569	0.340823	1.22885	3.20492	1
cg06034874	AR1;BCAR1	0.935268	0.256738	0.761619	-1.31299	0.733436	0.924375	-1.08181	0.531896	0.864452	-1.1568	0.56774	0.875591	-1.14209	0.556406	0.872099	-1.14666	0.84499	1.04606	1.04606	0.847508	1.04528	1.04528	0.629799	1.11821	1.11821	0.971866	1.00815	1.00815	0.340776	0.285615	0.745004	1
cg19643251	RASSF2	0.93528	0.610938	0.743473	-1.34473	0.435586	0.624972	-1.60007	0.674907	0.782317	-1.27825	0.841412	0.888357	-1.12567	0.459874	0.641049	-1.55994	0.674213	0.778927	-1.28382	0.648406	0.660376	-1.51429	0.251163	0.492391	-2.0309	0.798704	1.16301	1.16301	0.340752	1.88445	4.9158	1
cg07942010	ALCAM	0.935316	0.63069	0.879057	-1.13758	0.40983	0.799072	-1.25145	0.642796	0.883123	-1.13235	0.982527	0.994189	-1.00584	0.9062	0.969118	-1.03187	0.758152	1.08566	1.08566	0.446869	0.813576	-1.22914	0.973384	0.991161	-1.00892	0.370783	1.27707	1.27707	0.340679	0.382099	0.996961	1
cg18393980	STOX2	0.935317	0.853369	0.960064	-1.04167	0.832123	0.96705	-1.03441	0.796765	1.09381	1.09381	0.645843	0.796765	-1.25529	0.645843	0.796765	-1.25529	0.717479	1.08321	1.08321	0.766407	0.796765	-1.06396	0.820158	1.05146	1.05146	0.842609	0.95699	-1.04494	0.340679	0.262022	0.68366	1
cg22664296	GUCY1B3	0.935319	0.633058	0.670902	-1.49053	0.72786	0.748351	-1.33627	0.734724	0.754105	-1.32607	0.587228	1.57494	1.57494	0.715843	0.738329	-1.35441	?	?	?	0.749483	1.30453	1.30453	0.362486	0.21424	2.17424	0.565169	1.62011	1.62011	0.312812	0.311961	0.6939	1
cg25479468	MRPL34	0.935384	0.73248	1.36482	1.36482	0.654648	0.641431	-1.56014	0.417256	0.649205	-1.54032	0.407734	0.560842	-1.78377	0.407734	0.560842	-1.78377	0.850552	1.07497	1.07497	0.624721	0.83689	-1.19488	0.694388	0.87426	-1.14398	0.713249	0.964	-1.03724	0.340663	0.978322	2.69784	1
cg09305096	GULP1	0.935335	0.473898	0.531436	-1.88169	0.771797	0.776928	-1.28712	0.443165	1.97117	1.97117	0.721729	0.733159	-1.36396	0.425017	0.493072	-2.0281	0.718177	0.730107	-1.36966	0.37655	0.454931	-2.19814	0.862491	0.860303	-1.16238	0.919998	1.09111	1.09111	0.340641	4.06429	10.6056	1
cg16756508	FIBIL5	0.935349	0.936244	1.07314	1.07314	0.681893	1.20786	1.20786	0.552514	1.31747	1.31747	0.53014	1.35817	1.35817	0.536148	0.632869	-1.58006	0.742576	1.16301	1.16301	0.90134	1.1206	1.1206	0.929387	0.768364	-1.30147	0.739602	0.853518	-1.17162	0.340614	1.13277	2.95616	1
cg15537788	SIPA1L3	0.935353	0.676031	1.45189	1.45189	0.75204	0.971802	-1.02896	0.755744	0.831768	-1.20256	0.788356	0.508244	2.2654	0.265154	0.617655	1.61965	0.322449	0.917237	-1.09023	0.363877	0.43698	-2.28844	0.34837	0.35507	2.35507	0.871497	0.866212	-1.15445	0.340607	0.2695	0.63911	1
cg26101402	SATB2	0.935364	0.847423	0.78122	-1.28005	0.831591	1.31387	1.31387	0.799886	1.38489	1.38489	0.813845	0.739067	-1.35306	0.372338	0.307753	-3.24936	?	?	?	0.375304	1.22432	1.22432	0.94731	1.08839	1.08839	0.635137	1.84644	1.84644	0.316472	7.16274	19.8039	1
cg09305369	SLC44A4	0.935369	0.685275	1.35011	1.35011	0.478815	1.67665	1.67665	0.636865	1.4509	1.4509	0.678502	1.65502	1.65502	0.723453	1.5253	1.5253	0.907605	0.971366	-1.03001	0.298013	1.23404	1.23404	0.58069	0.906024	-1.10354	0.663997	0.972131	-1.02867	0.341551	0.299117	0.64181	1
cg13623749	JAB1D2	0.935371	0.846568	0.985471	-1.12934	0.450554	1.62045	1.62045	0.915581	0.935592	-1.06884	0.693268	0.779654	-1.28262	0.821488	1.15246	1.15246	0.747775	0.816617	-1.22456	0.88113	0.910325	-1.09851	0.24875	2.13185	2.13185	0.585976	1.41246	1.41246	0.340571	2.12647	5.55007	1
cg07926275	CACNA1H;CACNA1H	0.935375	0.849451	1.04713	1.04713	0.673021	0.909222	-1.09984	0.915994	0.976221	-1.02394	0.990479	0.997328	-1.00268	0.223429	0.750662	-1.33216	0.950306	1.01247	1.01247	0.726803	1.07225	1.07225	0.255726	0.266514	1.26614	0.490574	0.87004	-1.14937	0.34056	0.21335	0.35986	1
ch.13.637168R	SKA3;SKA3	0.935384	0.330269	0.752571	-1.32878	0.290495	0.733159	-1.36396	0.937202	0.977951	-1.02255	0.861027	0.951628	-1.05083	0.545008	0.841085	-1.18894	0.986756	1.00471	1.00471	0.679524	1.12473	1.12473	0.826787	0.919875	-1.06397	0.544038	0.840502	-1.18976	0.340545	0.431798	1.12708	1
cg10006442	MAP3K7IP2;SUMO4	0.935386	0.667237	1.25417	1.25417	0.538809	0.824564	1.27585	0.82622	1.16216	1.16216	0.862151	0.856491	-1.08549	0.446007	1.16216	1.16216	0.962964	1.02465	1.02465	0.91809	0.972859	-1.0279	0.707307	0.972123	1.71123	1.71123	0.877321	0.922302	-1.08405	0.340546	0.2006	0.43966	1
cg02750065	C12orf49	0.935396	0.62422	0.632955	-1.57989	0.963927	0.958972	-1.04278	0.686605	1.45595	1.45595	0.989044	1.0128	1.0128	0.460524	0.498583	-2.00569	0.289791	0.361401	-2.76701	0.42174	0.467557	-2.13878	0.747206	0.741132	-1.34929	0.781268	1.29414	1.29414	0.34052	4.62764	12.0799	1
cg26548122	MYO1C	0.935433	0.940383	0.883738	-1.13156	0.959953	0.989262	-1.01085	0.731912	0.925306	-1.08072	0.870959	1.03557	1.03557	0.502081	1.14094	1.14094	0.833619	0.955782	-1.04626	0.340395	0.75	0.75	0.5	1.1017	1.1017	0.702894	1.08588	1.08588	0.340446	0.240141	0.450757	1
cg06446937	C1orf135	0.935464	0.683006	0.9139	-1.09421	0.885009	0.968765	-1.03224	0.998815	0.999674	-1.00033	0.528522	1.1503	1.1503	0.931607	0.981895	-1.01844	0.642167	0.902475	-1.10806	0.404153	0.758435	0.758435	0.375248	1.23174	1.23174	0.714698	1.08384	1.08384	0.340385	0.259224	0.676945	1
cg25229802	PLEKHM2	0.93549	0.940208	1.01439	1.01439	0.421432	1.16933	1.16933	0.866956	1.03245	1.03245	0.54786	1.12281	1.12281	0.529594	1.12896	1.12896	0.535019	1.12712	1.12712	0.900902	0.976551	-1.02401	0.569729	1.11564	1.11564	0.233558	1.26857	1.26857	0.340331	0.195554	0.510756	1
cg08118273	SCL39A6;SLC39A8;SLC39A8	0.935492	0.263968	0.569008	-1.75631	0.49145	0.960389	-1.04125	0.935266	1.03028	1.03028	0.309154	0.67943	-1.47182	0.423137	0.67943	-1.47182	0.711094	0.872346	-1.14633	0.32028	0.963906	-1.03745	0.838294	0.870007	-1.14939	0.708813	0.708813	0.340128	0.726849	1.89843	1
cg05113373	LMF1	0.9355	0.462195	0.65819	-1.51932	0.744268	0.832832	-1.20072	0.8401	0.895109	-1.11718	0.961485	0.973375	-1.02735	0.494264	0.678477	-1.47389	0.653908	0.777092	-1.28685	0.580445	0.713941	0.713941	0.366115	0.26213	0.520255	-1.92233	0.607968	1.33529	0.340313	0.68323	4.39657	1
cg00162755	MOSC2	0.935503	0.652663	0.838089	-1.19202	0.760268	1.12161	1.12161	0.873264	1.23681	1.23681	0.815843	0.846206	-1.18146	0.815843	0.846206	-1.18146	0.728791	0.875171	-1.14263	0.804367	0.90594	1.09594	0.805001	0.95983	1.09583	0.642929	1.18354	1.18354	0.340635	0.242869	0.713269	1
cg17498615	MBNL2;MBNL2	0.935538	0.68342	1.05725	1.05725	0.994305	0.999031	-1.00097	0.358404	0.879647	-1.13682	0.416656	1.11931	1.11931	0.714055	1.05124	1.05124	0.498755	1.09773	1.09773	0.751495	0.95778	-1.04408	0.907436	1.01592	1.01592	0.605105	1.07339	1.07339	0.340235	0.0993493	0.259557	1
cg13181745	ZNF793	0.935579	0.981331	1.00806	1.00806	0.95837	1.30009	1.30009	0.215207	0.609516	-1.64064	0.902165	1.04778	1.04778	0.851869	1.07352	1.07352	0.587723	1.23089	1.23089	0.843551	0.922756	-1.07787	0.946257	1.02591	1.02591	0.801566	1.05313	1.05313	0.340153	0.775897	2.02758	1
cg15399563	POP1;POP1;HRSP12;POP1	0.935591	0.689623	1.31455	1.31455	0.816464	1.92349	1.92349	0.512293	1.01201	1.01201	0.955506	0.82429	1.22865	1.71046	1.22865	1.71046	0.554826	1.24324	2.02105	1.56499	0.46561	-2.14761	0.900606	1.21904	1.21904	0.888548	1.12543	0.805403	0.900673	1.11028	0.94013	0.977869	2.55554	1
cg01079217	SLC44A4;NEU1	0.935593	0.796274	1.25157	1.25157	0.397946	2.11845	2.11845	0.625362	1.53236	1.53236	0.834988	0.834501	-1.19832	0.289649	2.59421	2.59421	0.5542	1.68025	1.68025	0.698246	0.731326	-1.40201	0.746601	0.754871	-1.32473	0.884768	1.1303	1.13403	0.340125	0.45255	10.591	1
cg01044631	MRI134-2	0.935603	0.599105	1.62887	1.62887	0.548407	1.81463	1.81463	0.650454	1.2659	1.2659	0.888174	0.884598	1.12659	1.08016	1.12659	1.08016	0.454022	1.2154	1.21354	0.764804	0.948543	-1.33593	0.644556	0.844155	1.2424	1.2424	0.880912	0.86321	-1.15847	0.340107	0.518655	0.815543	3
cg13640690	LOC100129066	0.935633	0.993406	0.995405	-1.00462	0.93057	0.9526	-1.04976	0.963758	0.974938	-1.02564	0.418325	0.630741	-1.58544	0.597388	0.743031	1.34584	0.29536	3.56227	-1.83074	0.301707	0.550941	-1.81508	0.937403	0.780556	-1.26653	0.590271	1.738665	-1.35379	0.340545	1.67238	4.37167	1
cg01562287	UBE2D3;UBE2D3;UBE2D3;UBE2D3;UBE 2D3;UBE2D3;UBE2D3;UBE2D3;UBE2D3	0.935646	0.607285	0.878407	-1.12432	0.767258	0.915607	-1.09217	0.208838	0.676414	-1.47838	0.722783	1.11083	1.11083	0.752859	1.0977	1.0977

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	Ratio(1111 vs. N)	Fold-Change(1127 vs. N)	Ratio(1127 vs. N)	Fold-Change(1127 vs. N)	Ratio(1221 vs. N)	Fold-Change(1221 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 37 vs. N)	Fold-Change(5 37 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg26307355	GTF2IRD1;GTF2IRD1		0.9364452	1.002801	1.98201	0.440371	1.59622	3.59622	0.633972	0.443479	2.2549	0.45965	1.40274	3.40274	0.612539	0.435738	2.29496	0.803597	1.49977	1.49977	0.730882	1.75348	1.75348	0.400548	4.0538	4.0538	0.6215	2.24659	0.3384	14.1798	37.2465	1
cg21631439	SLC44A2;SLC44A2		0.936461	0.867267	0.877107	-1.14011	0.4620222	0.560941	-1.78272	0.663719	0.713346	-1.40184	0.787566	1.2319	1.2319	0.414115	0.524859	1.90527	0.474353	0.570188	-1.75381	0.393995	0.509583	-1.96239	0.492661	0.583903	-1.71261	0.757732	1.26986	1.26986	0.383182	3.19519	0.39339	1
cg19437341	SIX5		0.9364651	0.90708	1.15981	1.15981	0.8190668	0.747583	-1.33764	0.778833	0.699439	-1.42972	0.82345	1.32806	1.32806	0.999223	0.998764	-1.00124	0.926243	0.889085	-1.12475	0.45251	2.64252	2.64252	0.329423	3.58926	3.58926	0.302536	3.80086	3.80086	0.338375	8.6391	22.6949	1
cg19346794	TFCP2L1		0.9364784	0.7457317	1.12542	1.12542	0.5319315	1.25851	1.25851	0.89171	1.05071	1.05071	0.4906691	0.7755517	-1.28946	0.982357	0.9920202	-1.00806	0.589404	1.21876	1.21876	0.355179	1.41255	1.41255	0.563789	0.8090931	-1.23605	0.786409	0.906274	-1.10366	0.318347	0.706671	1.85653	1
cg02100543	TM7SF2		0.9364913	0.8677999	1.02724	1.02724	0.155502	1.03843	1.03843	0.949868	1.01017	1.01017	0.503709	1.11568	1.11568	0.722	1.04794	1.04794	0.197505	1.24577	1.24577	0.730536	1.05736	1.05736	0.990546	1.00191	1.00191	0.355675	1.16564	1.16564	0.338317	0.139438	0.366358	1
cg25036234	EFR3B		0.9365301	0.9365313	0.535173	0.802138	-1.24629	0.639227	0.847443	-1.18002	0.897836	1.04606	1.04606	0.850783	0.956108	-1.06825	0.972075	0.2335	0.2335	0.951677	0.978077	-1.02147	0.361227	1.38965	1.38965	0.548601	1.23708	1.23708	0.425473	0.751771	1.33019	0.3383	0.6585558	1.73037	1
cg25181507	KLHL2		0.9365502	0.9365502	0.259416	0.189142	-5.28703	0.712168	1.68964	1.68964	0.950214	1.0924	1.0924	0.570956	0.444629	-2.24907	0.684286	0.560663	-1.7836	0.427517	0.317709	-3.14754	0.819343	1.38236	1.38236	0.888473	1.2197	1.2197	0.651189	0.525083	-1.90446	0.338299	10.7339	28.2036	1
cg04816079	ZNF140		0.9365554	0.8688652	1.19999	1.19999	0.5323351	1.23759	1.23759	0.844886	1.30019	1.30019	0.717844	1.11987	1.11987	0.981204	1.00797	1.00797	0.410753	0.753151	-1.32756	0.490707	0.788835	-1.26609	0.90749	0.965179	-1.03996	0.716717	1.13067	1.13067	0.388194	0.6083898	1.59908	1
cg22205015	PION		0.9365555	0.5155835	0.550578	1.81627	0.863071	0.855252	-1.16925	0.787118	0.275881	1.27785	0.554338	0.581733	-1.719	0.339172	0.406989	2.44087	0.434772	0.485854	-2.05823	0.731785	0.441228	-2.2664	0.725118	0.726312	-1.37682	0.860693	1.17246	1.17246	0.338193	4.39454	11.5504	1
cg17422500	ZNF692;ZNF692;ZNF692		0.9365579	0.9762444	1.01481	1.01481	0.8350664	0.902161	-1.10845	0.929763	1.0445	1.0445	0.515415	0.722018	-1.38501	0.818533	0.892712	-1.12018	0.698411	0.825075	-1.21201	0.209609	1.92135	1.92135	0.712058	1.20091	1.20091	0.981816	0.988808	-1.01132	0.338145	1.30609	3.43334	1
cg15535489	CAMK2D;CAMK2D;CAMK2D		0.9365582	0.5167808	0.553523	1.80752	0.8595104	0.573381	-1.74403	0.743628	0.618932	-1.61569	0.618932	0.818527	-1.22233	0.748455	0.8338913	-1.19901	0.479591	0.711425	-1.40549	0.338024	0.872278	-1.14676	0.945673	1.057396	-1.89439	0.528374	1.05896	1.05896	0.338137	4.360444	11.4426	1
cg16668180	GPT2;GPT2		0.93663	0.4394424	1.33274	1.33274	0.323802	0.44846	1.44946	0.914719	1.03079	1.03079	0.737807	1.13018	1.13018	0.459771	1.31542	1.31542	0.535231	1.25609	1.25609	0.33944	1.43138	0.469101	1.30772	1.30772	0.763095	1.1164	1.1164	0.338041	0.710347	1.86788	1
cg19991019	IMMP2L		0.9365634	0.9365634	0.3967722	0.9394335	-1.06971	0.966308	0.904936	-1.00956	0.148844	0.701025	-1.42226	0.851676	1.04048	1.04048	0.538641	0.867937	-1.15216	0.867733	0.902676	-1.10827	0.94849	1.01481	1.01481	0.933642	0.9809951	-1.01942	0.9325564	0.978122	-1.02237	0.338103	0.2777115	0.728698	1
cg04748497	GPRASP1;GPRASP1;GPRASP1		0.9365635	0.5399944	0.535803	-2.78605	0.607961	0.425534	-2.34999	0.990009	1.02089	1.02089	0.823369	0.8595	0.8595	0.658204	0.208588	0.208588	0.71996	0.551852	-1.81208	0.910622	0.83075	-1.20373	0.916101	0.80429	-1.19007	0.92329	1.17238	1.17238	0.338031	14.5981	38.3874	1
cg09508859	ZC3H3		0.93666	0.9365662	0.325052	1.7892	1.7892	0.232788	2.04679	2.04679	0.514305	1.46023	1.46023	0.623947	1.32694	1.32694	0.958167	0.970417	-1.03048	0.981562	0.986858	-1.01332	0.861346	1.10381	1.10381	0.920838	1.05856	1.05856	0.945256	1.04009	1.04009	0.338778	1.75425	4.61368	1
cg21564445	EFCAB10		0.9365664	0.9372244	0.9795641	-1.02707	0.8079778	1.040021	1.04002	0.803609	0.997597	1.0398	1.0398	0.872511	0.9288	1.0398	0.772	1.28164	1.28164	0.747544	0.804384	-1.11584	0.403879	0.748343	-1.33629	0.455552	0.772638	1.29407	1.29407	0.338225	0.779525	0.616495	1.62165	1
cg07684353	MYO1E;MYO1E		0.9365689	0.9365689	0.740138	1.05355	1.05355	0.578545	1.09193	1.09193	0.990584	0.998152	-1.00185	0.853947	0.971532	-1.0293	0.39198	1.14735	1.14735	0.720064	0.94516	-1.05802	0.33589	0.855969	-1.16827	0.634114	0.927607	-1.07804	0.949223	0.990068	-1.01003	0.337921	0.131463	0.345808	1
cg11964340	PBX4		0.9365702	0.9365702	0.455745	2.55624	2.55624	0.473479	2.47578	2.47578	0.583281	1.96087	1.96087	0.694132	1.62953	1.62953	0.806347	0.758255	-1.31956	0.353544	1.35213	1.35213	0.777736	0.700454	-1.41853	0.605681	0.525511	-1.90291	0.847136	1.26926	1.26926	0.337897	8.03831	21.488	1
ch.22.44116AF	DEPDC5;DEPDC5;DEPDC5		0.93679	0.9365794	0.8102126	-1.23424	0.544339	1.504488	1.50488	0.916883	0.932831	-1.07201	0.675039	0.756875	-1.32122	0.951375	0.960195	-1.04146	0.627544	1.38495	1.38495	0.304424	0.492423	-2.03077	0.783007	0.832094	-1.20187	0.42263	0.579521	-1.72556	0.337838	2.3788	6.24573	1
cg07434407	ASAH1;ASAH1;ASAH1;ASAH1		0.9367714	0.7453662	1.06163	1.06163	0.90141	1.023001	1.02301	0.644838	1.08891	1.08891	0.391854	0.851295	-1.17468	0.934448	0.985017	-1.01521	0.900715	1.02317	1.02317	0.506453	0.883637	-1.13169	0.332432	0.832353	-1.20141	0.775058	1.05399	1.05399	0.337751	0.180164	0.474153	1
cg12347429	FLJ22536		0.9367776	0.7272227	0.553615	1.80652	0.8591038	1.249491	1.24949	0.728318	1.80213	1.80213	0.571313	0.780655	-1.62705	0.417573	0.240943	-4.04952	0.877811	0.771246	-1.2966	0.956244	0.911527	-1.09706	0.529799	0.92888	-1.07628	0.365811	4.80027	4.80027	0.337747	15.2468	40.1268	1
cg04007151	MGC42105		0.9368045	0.9560196	0.9818494	-1.01849	0.3205	1.35123	1.35123	0.67226	1.1329	1.1329	0.476367	1.23659	1.23659	0.526419	1.20712	1.20712	0.715383	1.11337	1.11337	0.79724	0.927279	-1.07842	0.810062	0.931824	-1.07316	0.551447	0.838028	-1.19328	0.637809	0.459935	1.21067	1
cg07817697	TMEM161A		0.9368524	0.331026	3.02996	1.82006	0.5495553	0.928032	1.07755	0.652284	0.6485	1.54202	0.822337	1.05999	1.05999	0.794199	0.954736	-1.16995	0.932186	0.950425	-1.05216	0.175714	0.800994	-1.24845	0.176289	0.58133	-1.72019	0.70418	0.796337	1.25575	0.337954	1.98305	5.1247	1
cg07936931	LOC641367;ZNF100		0.9368858	0.4646437	0.884447	-1.13065	0.8892726	0.977279	-1.02325	0.430802	0.875751	-1.14188	0.409354	0.870038	-1.14938	0.622835	0.921462	1.08523	0.71442	1.06251	1.06251	0.706187	1.06448	1.06448	?	?	?	0.761016	0.950914	-1.05162	0.318723	0.122149	0.383245	1
cg03379229	APOC1		0.9368979	0.4161111	0.784739	-1.27431	0.856202	0.948471	-1.05433	0.391894	0.774271	-1.29154	0.751761	1.09697	1.09697	0.616685	0.86313	-1.15857	0.54497	1.19564	1.19564	0.820626	1.08848	0.968038	0.10175	0.110175	0.490036	0.815058	-1.22691	0.337538	0.454733	1.19751	1
cg02535856	IGFJ8		0.9369382	0.3779568	0.9705581	1.03067	0.9706174	1.26815	1.26815	0.788251	1.25229	1.25229	0.24697	0.635868	1.10481	1.10481	0.242432	0.844886	1.18384	1.22796	0.803523	0.814629	0.716695	-1.39526	0.744819	0.597027	1.07307	0.934425	1.05581	1.05581	0.337511	2.32804	6.13126	1
cg20140034	POU2AF1		0.9369506	0.6099332	0.9046555	-1.10539	0.568275	1.16092	1.16092	0.386252	1.25836	1.25836	0.649053	1.12585	1.12585	0.659803	1.12144	1.12144	0.517407	1.18508	1.18508	0.459283	0.82287	-1.21526	0.644843	1.1276	1.1276	0.881422	1.03938	1.03938	0.337483	0.357813	0.942437	1
cg06129568	FLOT1		0.9369602	1.0153831	1.015383	0.7999648	1.252332	1.252332	1.25233	1.08421	0.915888	1.39554	1.39554	0.509588	1.23738	1.23738	0.907181	1.03784	1.03784	1.10794	0.644363	0.86208	-1.15998	0.45259	0.783773	-1.27588	0.704681	1.41925	1.41925	0.615284	0.545807	0.142717	1
cg02070696	ZNF148		0.9369623	0.9369623	0.782858	1.66146	-1.51181	0.576107	1.32802	1.32802	0.968271	0.94223	-1.06131	0.770445	0.645502	-1.54918	0.272631	0.181093	1.51899	0.965404	0.937173	-1.06704	?	?	0.876216	0.26264	3.81266	0.555373	2.44093	2.44093	0.318591	10.0384	31.5088	1
cg26917480	ADAP2		0.9369627	0.9369627	0.526602	0.851027	-1.17505	0.440835	1.21851	1.21851	0.546551	1.1658	1.1658	0.76481	1.07833	1.07833	0.83044	1.0554	1.0554	0.3871	0.800199	-1.24969	0.861076	1.04503	1.04503	0.659382	0.894472	-1.11798	0.88699	1.0364	1.0364	0.337442	0.337832	0.889916	1
cg09793395	BLM		0.9369635	0.9369635	0.8528371	1.2535	1.2535	0.8218645	1.07221	1.07221	0.91521	0.868671	0.979448	1.07281	1.07281	0.830708	1.07281	1.07281	0.759348	1.04559	1.04559	0.576706	0.921428	-1.08527	0.889542	1.03037	1.03037	0.472224	0.911194	1.11194	1.11194	0.337441	0.11253	0.296428	1
cg23954819	RI3BP		0.9369632	0.9369632	0.70191	1.31717	1.31717	0.692866	0.752487	-1.32893	0.600465	1.46017	1.46017	0.42789	1.78572	1.78572	0.449892	1.73594	1.73594	0.325066	0.70784	-1.41248	0.704894	0.995426	-1.00459	0.78623	1.21499	1.21499	0.454728	1.7254	1.7254	0.337432	0.274437	0.72417	1
cg20146580	NUP62		0.93694	0.9369632	0.91663	1.02034	1.02034	0.328918	1.21379	1.21379	0.562291	1.1924	1.1924	0.582868	1.11254	1.11254	0.311285	1.22315	1.22315	0.651677	1.09131	1.09131	0.959466	0.990275	-1.00982	0.732632	0.936191	-1.06816	0.572769	1.11581	1.11581	0.337416	0.197575	0.520493	1
cg01656856	PHOSPHO2;KLHL23;C2orf77		0.9369643	0.9369643	0.930915	0.96302	-1.0384	0.598005	1.26015	1.26015	0.789357	1.12328	1.12328	0.813939	0.901807	-1.10888	0.48706	1.35915	1.35915	0.960889	1.02154	1.02154	0.335341	0.649377	-1.53994	0.521254	0.753873	-1.32648	0.594862	0.791952	-1.2627	0.337409	1.00918	2.65864	1
cg13785123	ENO1		0.9370075	0.9370075	0.41014	2.43902	2.43902	0.189046	1.83506	1.83506	0.546753	0.939048	-1.06518	0.55362	1.80656	1.80656	0.942601	1.06096	1.06096	0.944766	1.05843	1.05843	0.82227	0.837434	-1.19414	0.462601	0.932186	1.07245	0.931476	1.20454	1.20454	0.640533	0.449021	1.44901	0.442802	2.25935	0.337436	1.85356	4.72985	1.32744	0.338035	0.2324115	0.732484	1
cg24428913	WAS		0.9370461	0.9370461	?	?	?	0.5142961	0.417788	-2.39356	0.540395	0.441337	-2.26584	0.938826	1.1066	1.1066	0.453401	0.364962	-2.74001	0.569952	0.213342	2.13342	0.882421	1.21569	1.21569	0.591254	0.488981	-2.04507	0.506896	0.411216	-2.43181	0.318344	7.8054	24.5187	1
cg11271203	MAGED1;MAGED1;MAGED1		0.9370657	0.9370657	0.545363	0.674846	-1.48182	0.8877934	0.941411	1.08645	0.947107	0.744703	-1.34462	0.460557	0.62054	1.61154	0.477307	2.09566	0.686486	0.835008	0.970862	-1.03006	0.706862	-1.4147	0.480335	0.58566	1.70856	0.512859	1.5331	1.5331	0.337403	0.204486	0.508286	5.84396	1
cg25678532	RBBP8;RBBP8;RBBP8		0.9370677	0.9370677	0.603159	1.13136	1.13136	0.507448	0.871382	-1.1476	0.37907	0.813108	-1.22969	0.97661	0.994016	-1.00602	0.635352	1.10274	1.10274	0.897359	1.02678	1.02678	0.460446	0.857938	-1.16632	0.945023	1.01422	1.01422	0.631383	1.10403	1.10403	0.337338	0.223381	0.590092	1
cg07402261	CARS2		0.9370804	0.9370804	0.408885	0.659444	-1.51643	0.6144498	1.28446	1.28446	0.301134	1.69571	1.69571	0.813101	0.88981	-1.12384	0.810002	0.88805	-1.12606	0.922017	1.04945	1.04945	0.660082	1.24379	1.24379	0.883419	1.07501	1.07501	0.725354	0.840412	-1.18989	0.337123	1.29732	3.42063	1
cg20339274	FBN2		0.9370858	0.9370858	0.196686	0.890514	-1.12305	0.642038	1.17537	1.17537	0.516007	1.66077	1.66077	0.40974	0.40974	0.803449	0.823641	1.21917	1.21917	0.841481	1.00793	1.00793	-1.00994	0.99	1.00994	0.98053	1.02	1.02	0.98053	1.02	1.02	0.337403	0.20486	0.508286	5.84396	1
cg19376729	ADPGK		0.9370859	0.9370859	0.416111	0.784739	-1.27431	0.856202	0.948471	-1.05433	0.391894	0.774271	-1.29154	0.751761	1.09697	1.09697	0.616685	0.86313	-1.15857	0.54497	1.19564	1.19564	0.820626	1.08848	0.968038	0.10175	0.110175	0.490036	0.815058	-1.22691	0.337538	0.454733	1.19751	1
cg02535856	IGFJ8		0.9369882	0.3779568	0.9705581	1.03067	0.9706174	1.26815	1.26815	0.788251	1.25229	1.25229	0.24697	0.635868	1.10481	1.10481	0.242432	0.844886	1.18384	1.22796	0.803523	0.814629	0.716695	-1.39526	0.744819	0.597027	1.07307	0.934425	1.05581	1.05581	0.337511	2.32804	6.13126	1
cg20140034	POU2AF1		0.9369906	0.6099332	0.9046555	-1.10539	0.568275	1.16092	1.16092	0.386252	1.25836	1.25836	0.649053	1.12585	1.12585	0.659803	1.12144	1.12144	0.517407	1.18508	1.18508	0.459283	0.82287	-1.21526	0.644843	1.1276	1.1276	0.881422	1.03938	1.03938	0.337483	0.357813	0.942437	1
cg06129568	FLOT1		0.9369962	0.9369962	0.1013831	0.8772644	1.140845	0.799964	1.252332	1.252332	1.25233	1.08421	0.915888	1.39554	1.39554	0.509588	1.23738	1.23738	0.907181	1.03784	1.03784	1.10794	0.644363	0.86208	-1.15998	0.45259	0.783773	-1.27588	0.704681	1.41925	1.41925	0.615284	0.545807	0.142717	1
cg02070696	ZNF148		0.9369963	0.9369963	0.782858	1.66146	-1.51181	0.576107	1.32802	1.32802	0.968271	0.94223	-1.06131	0.770445	0.645502	-1.54918	0.272631	0.181093	1.51899	0.965404	0.937173	-1.06704	?	?	0.876216	0.26264	3.81266	0.555373	2.44093	2.44093	0.318591	10.0384	31.5088	1
cg26917480	ADAP2		0.9369927	0.9369927	0.526602	0.851027	-1.17505	0.440835	1.21851	1.21851	0.546551	1.1658	1.1658	0.76481	1.07833	1.07833	0.83044	1.0554	1.0554	0.3871	0.800199	-1.24969	0.861076	1.04503	1.04503	0.659382	0.894472	-1.11798	0.88699	1.0364	1.0364	0.337442	0.337832	0.889916	1
cg09793395	BLM		0.9370935	0.9370935	0.8528371	1.2535	1.2535	0.8218645	1.07221	1.07221	0.91521	0.868671	0.979448	1.07281	1.07281	0.830708	1.07281	1.07281	0.759348	1.04559	1.04559	0.576706	0.921428	-1.08527	0.889542	1.03037	1.03037	0.472224	0.911194	1.11194	1.11194	0.337441	0.11253	0.296428	1
cg23954819	RI3BP		0.9370936	0.9370936	0.70191	1.31717	1.31717	0.692866	0.752487	-1.32893	0.600465	1.46017	1.46017	0.42789	1.78572	1.78572	0.449892	1.73594	1.73594	0.325066	0.70784	-1.41248	0.704894	0.995426	-1.00459	0.78623	1.21499	1.21499	0.454728	1.7254	1.7254	0.337432	0.274437	0.72417	1
cg20146580	NUP62		0.93694	0.9370936	0.91663	1.02034	1.02034	0.328918	1.21379	1.21379	0.562291	1.1924	1.1924	0.582868	1.11254	1.11254	0.311285	1.22315	1.22315	0.651677	1.09131	1.09131	0.959466	0.990275	-1.00982	0.732632	0.936191	-1.06816	0.572769	1.11581	1.11581	0.337416	0.197575	0.520493	1
cg01656856	PHOSPHO2;KLHL23;C2orf77		0.9370945	0.9370945	0.930915	0.96302	-1.0384	0.598005	1.26015	1.26015	0.789357	1.12328	1.12328	0.813939	0.901807	-1.10888	0.48706	1.35915	1.35915	0.960889	1.02154	1.02154	0.335341	0.649377	-1.53994	0.521254	0.753873	-1.32648	0.594862	0.791952	-1.2627	0.337409	1.00918	2.65864	1
cg13785123	ENO1		0.9371054	0.9371054	0.41014	2.43902	2.43902	0.189046	1.83506	1.83506	0.546753	0.939048	-1.06518	0.55362	1.80656	1.80656	0.942601	1.06096	1.06096	0.944766	1.05843	1.05843	0.82227	0.837434	-1.19414	0.462601	0.932186	1.07245	0.931476	1.20454	1.20454	0.640533	0.449021	1.44901	0.442802	2.25935	0.337436	1.85356	4.72985	1.32744	0.338035	0.2324115	0.732484	1
cg24428913	WAS		0.9371066	0.9371066	?	?	?	0.5142961	0.417788	-2.39356	0.540395	0.441337	-2.26584	0.938826	1.1066	1.1066	0.453401	0.364962	-2.74001	0.569952	0.213342	2.13342	0.882421	1.21569	1.21569	0.591254	0.488981	-2.04507	0.506896	0.411216	-2.43181	0.318344	7.8054	24.5187	1
cg11271203	MAGED1;MAGED1;MAGED1		0.9371073	0.9371073	0.545363	0.674846	-1.48182	0.8877934	0.941411	1.08645	0.947107	0.744703	-1.34462	0.460557	0.62054	1.61154	0.477307	2.09566	0.686486	0.835008	0.970862	-1.03006	0.706862	-1.4147	0.480335	0.58566	1.70856	0.512859	1.5331	1.5331	0.337403	0.204486	0.508286	5.84396	1
cg25678532	RBBP8;RBBP8;RBBP8		0.9371077	0.9371077	0.603159	1.13136	1.13136	0.507448	0.871382	-1.1476	0.37907	0.813108	-1.22969	0.97661	0.994016	-1.00602	0.635352	1.10274	1.10274	0.897359	1.02678	1.02678	0.460446	0.857938	-1.16632	0.945023	1.01422	1.01422	0.631383	1.10403	1.10403	0.337338	0.223381	0.590092	1
cg07402261	CARS2		0.9371084	0.9371084	0.408885	0.659444	-1.51643	0.6144498	1.28446	1.28446	0.301134	1.69571	1.69571	0.813101	0.88981	-1.12384	0.810002	0.88805	-1.12606	0.922017	1.04945	1.04945	0.660082	1.24379	1.24379	0.883419	1.07501	1.07501	0.725354	0.840412	-1.18989	0.337123	1.29732	3.42063	1
cg20339274	FBN2		0.9371085	0.9371085	0.196686	0.890514	-1.12305	0.642038	1.17537	1.17537	0.516007	1.66077	1.66077	0.40974	0.40974	0.803449	0.823641	1.21917	1.21917	0.841481	1.00793	1.00793	-1.00994	0.99	1.00994	0.98053	1.02	1.02	0.98053	1.02	1.02	0.337403	0.20486	0.508286	5.84396	1
cg10360769	LOC338799		0.9371227	0.9371227	?	?	?	0.805813	0.43592	1.43592	0.96456	1.0637	1.0637	?	?	?	?	?	0.437633	0.311533	-3.20993	0.796657	0.46129	1.46129	?	?	?	0.658332	1.92357	1.92357	0.230848	0.428802	26.0051	1
cg07607583	PDK2E		0.9371253	0.9371253	0.719518	1.39681	1.39681	0.970506	0.830137	1.20454	0.580584	1.00584	1.00584	0.662781	1.88886	1.88886	1.152509	0.549491	0.851786	1.1774	0.379371	0.784867	-1.2741	0.514967	0.849931	1.17657	0.899002	0.966466	1.03477	0.894024	1.0561	1.0561	0.337451	0.238974	0.5615	1
cg19621076	HMGN2		0.9371318	0.9371318	0.601296	0.724976	-1.37936	0.487755	0.649156	-1.54046	0.642191	1.33035	1.33035	0.954633	1.03531	1.03531	0.464658	0.635303	-1.57455	0.650365	0.757031	-1.32095	0.358605	0.562226	-1.77864	0.419035	0.604259	-1.65482	0.95618	1.04605	0.967035	-1.03409	0.337014	1.98622	5.23873	1
cg13472154	TRUB2		0.9371354	0.9371354	0.740379	1.35046	-1.35046	0.577719	-1.73089	0.626364	0.577719	1.73089	0.626364	0.577719	0.770061	1.29824	0.667358	0.770061	1.29824	0.667358	0.464363	0.86208	-1.15998	0.45259	0.783773	-1.27588	0.704681	1.41925	1.41925	0.615284	0.545807	0.142717	1
cg02002361	MRPS10		0.9371453	0.9371453	0.754043	1.42831	1.42831	0.749662	0.911585	-1.09699	0.831484	1.20179	1.20179	0.662784	1.50925	1.50925	0.495448	2.01782	0.495448	2.01782	0.765552	1.30589	0.945978	1.05708	1.05708	0.557966	1.79206	1.79206	0.558028	1.79206	1.79206	0.337468	0.965357	18.111	1
cg14193007	TBC1D16		0.9371717	0.9371717	0.536339	2.10079	2.10079	0.494406	2.27641	2.27641	0.317338	3.40546	3.40546	0.764974	1.42678	1.42678	0.460744	2.43574	2.43574

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. 047 vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. 21T vs. N)	p-value(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 377 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg24617160	C6orf186		0.313741	1.60838	1.62638	1.497505	1.37922	1.37922	0.423852	1.46417	1.46417	0.714087	0.842174	1.18374	0.681622	1.21234	1.21234		0.853676	1.09131	1.09131	0.528709	1.34698	1.34698	0.920582	1.27958	1.27958	0.812431	0.89497	1.11735	0.334668	1.15497	3.26764	
cg23536372	CTNNA2,CTNNA2		0.938298	0.934785	1.029338	1.02938	1.45849	1.50821	1.308421	1.30821	1.30821	1.88428	0.949783	-1.05287	0.918456	1.03689	1.086052	1.10104	1.10104		0.737621	1.12631	1.12631	0.246145	1.53585	1.53585	0.496001	0.783061	-1.27704	0.993232	0.997004	-1.00301	0.334656	5.663337	1.76191	1
cg00168942	GID4,GID4 PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;		0.938343	0.742714	1.18853	1.18853	0.856689	0.909567	-1.09942	0.706726	0.820209	-1.2192	0.575356	1.3455	1.3455	0.874271	1.08658	1.08658		0.738303	1.19222	1.19222	0.262614	1.84491	1.84491	0.816033	0.884974	-1.12998	0.50764	0.702973	-1.42253	0.334564	1.45683	3.87059	1
cg00497046	PRKAR1B;PRKAR1B		0.938345	0.509659	1.34117	1.34117	?	?		0.891047	0.941624	-1.062	0.56534	1.29055	1.29055	0.765581	0.877017	-1.14023		0.298772	1.60426	1.60426	0.854088	1.08417	1.08417	0.558067	1.29688	1.29688	0.824728	0.907242	-1.10224	0.315707	0.850667	2.71159	1
cg02392176	PIP5AP1		0.938346	0.626647	0.910443	-1.09837	0.873887	1.03068	1.03068	0.526604	0.885082	-1.12884	0.673682	1.08392	1.08392	0.984377	1.00073	1.00073		0.613268	1.10183	1.10183	0.815055	1.04559	1.04559	0.253603	0.797042	-1.25464	0.888505	0.973663	-1.02705	0.334558	0.191821	0.509651	1
cg08674281	ME3;ME3;ME3		0.93835	0.520859	0.797878	-1.25333	0.259347	1.50423	1.50423	0.780778	0.907735	-1.10164	0.625316	1.18621	1.18621	0.811881	1.08625	1.08625		0.93672	1.02793	1.02793	0.583291	1.21195	1.21195	0.71951	0.882389	-1.13329	0.8628	1.06185	1.06185	0.334551	0.637885	1.69484	1
cg02496823	PYGM;PYGM		0.938349	0.713039	0.803423	-1.24467	0.29729	1.89694	1.89694	0.813883	1.14557	1.14557	0.966577	0.975478	-1.03514	0.957508	0.954666	-1.04749		0.768687	0.839675	-1.19064	0.347059	0.56346	-1.77435	0.930886	0.880978	-1.1351	0.677224	0.780334	-1.2815	0.334532	1.86012	4.94256	1
cg26030191	NBAS;NBAS		0.93859	0.863675	1.03368	1.03368	0.625641	1.09133	1.09133	0.804803	0.953386	-1.04889	0.789723	0.94978	-1.05288	0.306589	-1.00944	0.295283	0.811203	-1.23274	0.793638	0.85186	1.05184	0.866384	0.968058	-1.033	0.334532	0.196905	0.523199	1
cg06165179	CDK13;CDK13		0.938376	0.817	0.961776	-1.03974	0.900492	0.979187	-1.02126	0.229207	1.23633	1.23633	0.823892	1.03819	1.03819	0.487511	0.888164	-1.12592		0.986363	0.99713	-1.00288	0.931541	1.01455	1.01455	0.642569	0.924425	-1.08175	0.732216	1.05945	1.05945	0.334498	0.149765	0.397683	1
cg04596823	RSBN1		0.938394	0.472578	0.89004	-1.12355	0.49253	1.11867	1.11867	0.494669	0.59329	1.59329	0.332553	1.7271	1.7271	0.227139	0.825833	1.21092		0.897193	0.93816	-1.06577	0.825859	1.12792	1.12792	0.801641	1.12495	1.14726	0.693807	1.2413	1.2413	0.33446	1.58089	4.2015	1
cg21174626	UBAP2		0.938405	0.980201	1.00393	1.00393	0.416865	1.14	1.14	0.281733	1.19322	1.19322	0.628161	1.08012	1.08012	0.662911	1.07172	1.07172		0.952775	0.990691	-1.0094	0.576873	1.09309	1.09309	0.923937	1.01519	1.01519	0.574781	0.914376	-1.09364	0.334437	0.132088	0.351072	1
cg20272380	ZNF514		0.938415	0.779916	1.57573	1.57573	0.976822	1.04806	1.04806	0.693317	2.18392	2.18392	0.459021	3.08623	3.08623	0.442605	3.57463	3.57463		0.401149	1.76811	1.76811	0.424779	1.71699	1.71699	0.655533	1.34085	1.34685	0.722105	1.26722	1.26722	0.33441	2.32942	6.31979	1
cg27398948	SHPH;SHPH		0.938436	0.649885	0.893387	-1.12437	0.785018	0.932263	-1.07266	0.716623	0.998502	1.09802	0.246688	0.732908	-1.36443	0.639148	0.712865	1.12265		0.785185	0.932316	-1.0726	0.561771	1.1624	1.1624	0.921381	1.02373	1.02373	0.806065	0.938853	-1.06513	0.334475	0.348464	0.926341	1
cg21685663	HAX1;HAX1		0.938477	0.397915	1.75169	1.75169	0.353707	1.83835	1.83835	0.712419	1.27098	1.27098	0.705588	1.27866	1.27866	0.589803	1.42263	1.42263		0.827051	0.86796	-1.15225	0.853776	0.887373	1.12692	0.494328	0.693753	1.56751	0.987577	0.989967	-1.01013	0.334291	2.22082	6.90522	1
cg01077350	C6orf52;C6orf52;PAK1IP1;C6orf52		0.938488	0.639427	1.42621	1.42621	0.502269	1.66916	1.66916	0.428206	1.83778	1.83778	0.870249	1.13088	1.13088	0.899149	0.909012	-1.1001		0.459004	1.76347	1.76347	0.505341	0.603177	-1.66285	0.761429	1.25747	1.25747	0.626403	0.691355	-1.44643	0.334268	2.99685	7.96926	1
cg07635133	ZBTB16;ZBTB16		0.938499	0.944303	1.04854	1.04854	0.605447	0.754255	-1.32581	0.521566	0.705572	-1.42132	0.309124	0.565865	-1.76721	0.890366	1.07753	1.07753		0.93062	0.953965	-1.04826	0.719556	1.21547	1.21547	0.965687	1.02355	1.02355	0.438209	1.5341	1.5341	0.334246	1.55051	4.1234	1
cg09988264	TTLL7		0.938532	0.58716	1.38209	1.38209	0.51209	1.4783	1.4783	0.541595	1.49334	1.49334	0.828352	1.63629	1.63629	0.220156	2.12322	2.12322		0.534089	1.44803	1.44803	0.715431	0.819234	-1.22052	0.786925	1.17267	1.17267	0.932779	1.05085	1.05085	0.334178	1.82518	4.86548	1
cg20771670	PHLDA3;PHLDA3		0.938552	0.587996	0.873299	-1.14508	0.941734	1.01827	1.01827	0.63864	1.12429	1.12429	0.387879	1.24509	1.24509	0.634036	0.887997	-1.12613		0.67063	0.899462	-1.11178	0.512087	0.848156	-1.17903	0.539475	0.857382	-1.16634	0.699996	0.908554	-1.10065	0.334137	0.324653	0.863659	1
cg20652404	LOXL1;LOXL1		0.938588	0.503788	1.3659	1.3659	0.358045	0.785252	-1.2733	0.699359	1.19525	1.19525	0.655097	0.831332	-1.20293	0.848965	0.978105	-1.02158		0.977616	0.98738	-1.01278	0.915726	0.912444	1.13364	0.879207	0.980194	-1.14917	0.989123	1.00628	1.00628	0.334064	1.1176	2.97376	1
cg03219697	VPS28;VPS28;VPS28;VPS28		0.938588	0.353708	0.785513	-1.27305	0.880115	0.962535	-1.03892	0.666415	0.896081	-1.11597	0.592224	0.872152	-1.14659	0.534549	0.862926	-1.15885		0.771353	1.07651	1.07651	0.257236	0.741449	-1.34871	0.679139	0.900112	-1.11097	0.630651	0.884645	-1.1304	0.334063	0.33867	0.901147	1
cg06979779	KATNAL1;KATNAL1		0.938616	0.784859	1.06096	1.06096	0.764714	1.275271	1.275271	0.58004	0.937591	-1.13339	0.733939	0.964489	0.980991	0.213118	0.794993	1.03555		0.573637	0.840205	-1.18314	0.619882	0.802903	-1.24548	0.744444	1.23594	1.23594	0.894792	0.961621	-1.03991	0.334045	0.129845	0.21968	1
cg15754153	PLEKHH2		0.93861	0.989305	0.996734	-1.00328	0.961017	1.012	1.012	0.588531	0.875218	-1.14257	0.940729	0.982017	-1.01831	0.952655	1.0146	1.0146		0.850639	1.04708	1.04708	0.2766	1.31805	1.31805	0.611201	1.13327	1.13327	0.346264	1.26705	1.26705	0.334018	0.315029	0.838355	1
cg14022313	RAHCC1		0.938627	0.632301	0.759079	-1.31739	0.68509	1.26253	1.26253	0.23075	0.20529	0.20529	0.80079	0.865395	-1.15554	0.709451	0.807343	-1.23863		0.647391	1.30125	1.30125	0.603144	1.34973	1.34973	0.967389	0.974376	-1.0263	0.911947	1.06529	1.06529	0.33983	1.7294	4.60277	1
cg17617527	NR3C1;NR3C1		0.938661	0.495144	2.39903	2.39903	0.386601	3.0804	3.0804	0.804391	1.36615	1.36615	0.724435	1.56104	1.56104	0.925154	1.12532	1.12532		0.529204	0.447248	-2.2359	0.637586	1.81795	1.81795	?	?	0.796037	0.723095	-1.38294	0.303349	6.42004	15.8729	1
cg15566648	PHACTR1		0.938668	0.571664	0.895324	-1.11693	0.908375	1.02315	1.02315	0.373186	0.837904	-1.19345	0.744397	1.25785	1.25785	0.884546	0.964702	-1.03687		0.988471	1.0028	1.0028	0.474879	0.868853	-1.15094	0.999582	1.0001	1.0001	0.431153	1.16817	1.16817	0.334089	0.97005	0.529853	1
cg02921350	ZFP36L1		0.938685	0.517141	1.1651	1.1651	0.496489	1.17427	1.17427	0.283497	1.29597	1.29597	0.8912	1.03236	1.03236	0.820668	0.948542	1.05425		0.958018	0.987826	-1.01232	0.463953	1.18938	1.18938	0.407761	1.18615	1.18615	0.957606	0.987708	-1.01245	0.333865	0.286259	0.762142	1
cg25094093	TBC1D1		0.938692	0.596131	0.852796	-1.17261	0.273859	1.40352	1.40352	0.883477	0.957279	-1.04463	0.896092	1.03967	1.03967	0.819942	0.934341	-1.07027		0.71548	1.11515	1.11515	0.701679	1.12141	1.12141	0.522548	0.824535	-1.2128	0.686013	0.886038	-1.12862	0.33385	0.468629	1.24774	1
cg13085893	KRAS;KRAS		0.938693	0.518141	1.18499	1.18499	0.512355	1.15138	1.15138	0.775306	1.19525	1.19525	0.655097	0.831332	-1.20293	0.848965	0.978105	-1.02158		0.977616	0.98738	-1.01278	0.915726	0.912444	1.13364	0.879207	0.980194	-1.14917	0.989123	1.00628	1.00628	0.334064	1.1176	2.97376	1
cg05141634	LOC91316;RGL4		0.938717	0.425082	1.6589	1.6589	0.713187	0.795002	-1.25786	0.92908	0.941627	-1.06199	0.772496	1.19738	1.19738	0.652683	1.31322	1.31322		0.487581	1.5497	1.5497	0.74726	1.22506	1.22506	0.86062	0.777453	-1.38625	0.404809	0.588807	-1.69835	0.333799	0.24129	0.54584	1
cg11463612	ITGA6;ITGA6		0.938732	0.697546	1.43372	1.43372	0.492754	1.31558	1.31558	0.759488	1.16978	1.16978	0.842129	1.15999	1.15999	0.733603	1.30464	1.30464		0.278972	1.6025	1.6025	0.842208	1.16989	1.16989	0.815837	1.16054	1.16054	0.957387	1.080374	1.08037	1.08037	0.334278	0.20826	0.48607	1
cg13265607	LTBP1		0.938727	0.706868	0.907247	-1.10224	0.821273	0.943367	-1.06003	0.238181	0.727357	-1.37484	0.8976	0.96737	-1.03373	0.510619	1.1876	1.1876		0.637516	1.13007	1.13007	0.755208	1.08392	1.08392	0.978665	1.00691	1.00691	0.844705	1.05183	1.05183	0.333778	0.35094	0.934592	1
cg18654049	TM2D3;TM2D3		0.938731	0.320999	0.841136	-1.18887	0.612346	1.09004	1.09004	0.532584	0.89884	-1.11255	0.691045	0.934819	-1.06973	0.829882	0.964348	-1.03697		0.820854	0.962454	-1.03901	0.672601	0.745035	0.460523	0.880936	-1.13516	0.605153	0.915763	-1.09199	0.333722	0.150488	0.400774	1
cg02475103	SIX5		0.938741	0.642466	1.55606	1.55606	0.471714	1.41684	1.41684	0.977026	1.60907	1.60907	0.621058	1.23065	1.23065	0.742312	1.13035	1.13035		0.573717	1.12926	1.12926	0.914541	1.01807	1.01807	0.299848	1.4061	1.4061	0.393751	0.532062	1.41706	1.41706	0.333695	0.19241	0.48378	1
cg24302080	ARL6;ARL6		0.938758	0.679292	1.10182	1.10182	0.462948	0.840085	-1.19036	0.412465	1.21583	1.21583	0.923842	0.977947	-1.02255	0.79253	1.06341	1.06341		0.738219	1.23474	1.23474	0.757586	0.930339	-1.07488	0.80912	0.945121	-1.05807	0.770378	0.930418	-1.07064	0.333716	0.287488	0.765756	1
cg12953256	CCDC69;CCDC69		0.938759	0.847932	1.03668	1.03668	0.531867	0.797105	-1.25454	0.310972	1.28161	1.28161	0.686593	1.30077	1.30077	0.954461	0.916992	1.09063		0.793304	1.07218	1.07218	0.671484	1.1468	1.1468	0.899378	0.947891	-1.0548	0.809227	0.973251	-1.02684	0.333555	0.295781	0.786698	1
cg13296981	PLEKHG6;PLEKHG6;PLEKHG6		0.938776	0.570773	0.830247	-1.20446	0.523632	0.810688	-1.23352	0.427977	0.768914	-1.30054	0.253496	0.678932	-1.4729	0.768762	1.10046	1.10046		0.652435	0.863109	-1.1586	0.983423	1.00677	1.00677	0.891378	1.04537	1.04537	0.650916	0.97985	-1.02056	0.33368	0.557211	1.48435	1
cg18156600	MRPL18;TCP1;TCP1		0.938781	0.421875	1.17899	1.17899	0.553683	0.886713	-1.12776	0.853654	1.03775	1.03775	0.688618	1.0842	1.0842	0.861328	0.965519	-1.03571		0.321197	0.814088	-1.22837	0.779875	0.945122	-1.05784	0.977686	0.994403	-1.00563	0.694847	1.08234	1.08234	0.333668	0.212842	0.567008	1
cg05323141	KIAA0284;KIAA0284		0.938789	0.283814	1.57608	1.57608	0.320326	1.58006	1.58006	0.222	0.664602	1.50482	0.431284	1.36549	1.36549	0.331312	1.25463	1.25463		0.916992	1.09125	1.09125	0.554889	0.939606	1.06451	0.943997	0.783644	-1.27636	0.733977	0.953697	-1.04855	0.333631	0.353357	0.957981	0.789698	1
cg13263691	DNMT1;DNMT1		0.938804	0.502558	1.22794	1.22794	0.525596	1.21597	1.21597	0.858207	1.05545	1.05545	0.853655	0.945802	-1.0573	0.932725	1.07256	1.07256		0.935675	0.975936	-1.02466	0.809189	1.07573	1.07573	0.798585	0.925738	-1.08022	0.261822	1.42347	1.42347	0.333627	0.481161	1.28199	1
cg20941530	HNRPLHNRP		0.938814	0.874643	1.02965	1.02965	0.744714	1.275271	1.275271	0.58004	0.937591	-1.13339	0.733939	0.964489	0.980991	0.213118	0.794993	1.03555		0.658284	0.865738	-1.17132	0.648411	1.29964	1.29964	0.994134	0.997392	-1.00261	0.994604	0.960843	1.01295	1.25794	0.994134	0.997392	0.334004	0.160843	0.291795	0.733941	1
cg22120948	GIT1;GIT1 SORBS1;SORBS1;SORBS1;SORBS1;SORB		0.938839	0.973544	0.994192	-1.00584	0.506947	0.888466	-1.12554	0.682979	1.07479	1.07479	0.760361	0.947685	-1.0552	0.467607	1.13863	1.13863		0.621597	0.91632	-1.09132	0.42863	1.1525	1.1525	0.892292	1.02408	1.02408	0.55508	0.900458	-1.11055	0.333549	0.162981	0.434335	1
cg10741308	S1;SORBS1;SORBS1 MRPS11;MRPL46;MRPS11;MRPS11;MR		0.938869	0.562789	0.675159	-1.48113	0.999621	1.00032	1.00032	0.694187	1.30381	1.30381	0.94796	0.957105	-1.04482	0.748092	0.80547	-1.24151		0.401821	0.562103	-1.77903	0.41398	0.570834	-1.75182	0.515821	0.642528	-1.55635	0.551068	1.4992	1.4992	0.333489	0.238061	0.63533	1
cg03342085	PS11		0.938885	0.958555	0.979556	-1.02087	0.431199	0.726644	-1.37619	0.787175	1.11355	1.11355	0.380892	0.66961	-1.42937	0.661622	1.1913	1.1913		0.565521	0.793826	-1.25972	0.621902	0.820719	-1.21844	0.925619	0.963566	-1.03781	0.550417	1.27142	1.27142	0.333456	0.834303	2.22399	1
cg08541880	DZIP1L		0.938889	0.837814	1.05422	1.05422	0.59068	0.869453	-1.15015	0.537748	1.17535	1.17535	0.194013	1.42481	1.42481	0.874072	0.95996	-1.04171		0.796712	1.06877	1.06877	0.995317	1.00151	1.00151	0.907013	1.01603	1.01603	0.799464	1.06778	1.06778	0.333446	0.350552	0.934488	1
cg00375991	LZTS2		0.938892	0.303263	1.35777	1.35777	0.599541	1.16412	1.16412	0.804966	1.07554	1.07554	0.602645	1.16259	1.16259	0.662579	1.1587	1.1587		0.268615	1.19163	1.19163	0.666156	1.1326	1.1326	0.923706	1.02786	1.02786	0.807358	0.952218	-1.07271	0.334441	0.43445	1.15816	1
cg02024449	STAM2		0.938903	0.514407	1.15382	1.15382	0.793845	0.942595	-1.06039	0.242505	0.8433	-1.18563	0.615163	1.17422	0.873214	0.964599	1.01367	0.665923	1.1103	1.1103	0.881363	0.931738	0.930782	-1.07433	0.913113	1.2655	1.2655	0.719706	1.08473	1.08473	0.333406	0.268974	0.717108	1
cg17619082	C7orf44		0.938915	0.387307	0.840157	-1.28265	0.904443	1.04054	1.04054	0.739914	0.75895	-1.31761	0.405524	2.02298	2.02298	0.596408	1.55657	1.55657		0.525898	1.07253	1.07253	0.893377	0.894917	-1.11742	0.670833	0.701916	-1.42467	0.933287	0.933102	-1.07177	0.333393	3.61929	9.6497	1
cg03384732	TNK2;TNK2		0.938923	0.41547	1.72997	1.72997	0.33199	1.63766	1.63766	0.13699	0.57662	1.73462	0.29518	2.14929	2.14929	0.222389	3.08691	3.08691		0.395044	1.46536	1.46536	0.377795	1.53795	1.53795	0.588125	1.38464	2.84664	0.449866	2.99905	2.99905	0.333179	2.81281	8.6378	1
cg13301676	MCC;MCC		0.938933	0.790348	1.24803	1.24803	0.700745	1.28044	1.28044	0.961936	1.03102	1.03102	0.487571	1.57063	1.57063	0.825566	1.15177	1.15177		0.342829	1.86938	1.86938	0.356179	1.83589	1.83589	0.419113	1.69635	1.69635	0.729316	0.800617	-1.24904	0.333357	2.16355	5.76906	1
cg27096087	CIT		0.938934	0.879102	1.03668	1.03668	0.531867	0.797105	-1.25454	0.310972	1.28161	1.28161	0.686593	1.30077	1.30077	0.954461	0.916992	1.09063		0.793304	1.07218	1.07218	0.671484	1.1468	1.1468	0.899378	0.947891	-1.0548	0.809227	0.973251	-1.02684	0.333555	0.295781	0.786698	1
cg21558294	NGEF;NGEF		0.938939	0.880119	0.945156	-1.05803	0.782211	0.901612	-1.10912	0.957517	1.02011	1.02011	0.81842	0.917644	-1.08975	0.758126	1.12237	1.12237		0.924711	0.965280	-1.03596	0.839243	0.914806	-1.09316	0.844615	0.964906	0.746882	-1.3426	0.981145	1.01464	1.01464	0.333321	0.9978	5.32766	1
cg01566622	INTS1		0.938951	0.345249	0.549904	-1.8185	0.580471	0.709338	-1.40977	0.922691	1.06153	1.06153	0.823721	0.871752	-1.14712	0.2271	0.458166	-2.18166		0.633192	0.743954	-1.34417	0.690955	0.782058	-1.27868	0.634512	0.744822	-1.3426	0.981145	1.01464	1.01464	0.333321	0.9978	5.32766	1
cg16368264	TOMM6;TOMM6		0.938954	0.454543	0.973015	-1.02775	0.797705	0.927795	-1.07787	0.240718	1.1964	1.1964	0.822691	0.969794	-1.03141	0.956359	1.0602	1.0602		0.859256	0.978388	-1.02081	0.822055	0.969779	-1.03415	0.959301	1.00828	1.00828	0.564324	0.916799	-1.09075	0.333305	0.157296	0.312817	1
ch.3.13819887	CADPS;CADPS;CADPS		0.938965	0.716831	0.8236	-1.21418	0.486002	0.6858	-1.45815	0.305034	0.567844	-1.76105	0.805495	0.876823	-1.14048	0.315559	0.586398	-1.70533		0.807123	0.877811	-1.1392	0.359049	0.605035	-1.6528	0.585852	0.745921	-1.34062	0.775706	0.858817	-1.16439	0.333292	0.49847	3.99642	1
cg17642804	FNIP1;FNIP1		0.938966	0.525287	1.90357	1.90357	0.27169	1.38419	1.38419	0.35255	0.72252	1.38355	0.477722	2.02965	2.02965	0.447165	2.7962	2.7962		0.488835	1.85093	1.85093	0.33192	1.64756	1.64756	0.777632	1.02288	1.02288	0.933725	1.03896	1.03896	0.960505	1.28608	1.28608	0.933725	1.03896	1.03896	0.960505	1.28608	1.28608	0.933725	1.03896	1.03896	0.960505	0.333292	0.157296	0.312817	1
cg09662694	ATOH8		0.93897	0.975181	0.971455	-1.02938	0.546891	0.566918	-1.76392	0.86301	1.17442	1.17442	0.219834	3.32368	3.32368	0.818561	1.23851	1.23851		0.725234	0.719997	-1.3889	0.708331	1.41885	1.41885	0.883079	0.871972	-1.14683	0.704686	0.701541	-1.42543	0.333219	0.57371	12.2007	1
cg11308371	BCL11A;BCL11A;BCL11A		0.939024	0.623323	0.730617	-1.36889	0.440235	1.64751	1.64751	0.462358	1.60732	1.60732	0.868115	0.899940	-1.11117	0.787207	1.18723	1.18723		0.429026	0.599232	-1.66848	0.634989	0.738349	-1.35433	0.912716	0.932813	-1.07203	0.732205	1.24344	1.24344	0.333171	2.12305	5.66424	1
cg12190634	RTN4IP1;QRSL1;RTN4IP1		0.939033	0.62662	1.59607	1.59607	0.464108	1.854206	1.854206	0.539408	1.68441	1.68441	0.737965	1.84218	1.84218	0.547748	2.607191	2.607191		0.525457	1.82401	1.82401	0.215359	2.476105	2.476105	0.24359	1.24439	2.24439	0.433344	1.78622	1.78622	1.27194	0.748436	1.10165	1.10165	0.333137	0.477508	1.27435	1
cg24088751	GTF2A2		0.939051	0.747977	0.938423	-1.06562	0.601914	1.10933	1.10933	0.84016	0.96097	-1.04061	0.57882	0.895346	-1.11689	0.360372	0.830789	-1.20367		0.977523	0.994461	-1.00557	0.759747	1.06234	1.06234	0.584388	0.896824	-1.11505	0.457732	1.16076	1.16076	0.333115	0.205004	0.547142	1
cg05835545	BRWD3;BRWD3		0.939054	0.376641	0.829455	-1.20586	0.138013	0.72252	-1.38379	0.899427	1.20884	1.20884	0.524024	1.57104	1.57104	0.423475	1.51046	1.51046		0.760928	1.07218	1.07218	0.671484	1.10625	1.10625	0.842871	0.954111	-1.0481	0.70888	1.0928	1.0928	0.333155	0.295781	0.786698	1
cg06170754	CCNI		0.939069	0.386659	1.24209	0.542605	1.69738	1.69738	0.83207	0.825103	-1.21197	0.910231	1.02011	0.81842	0.917644	-1.08975	0.758126	-1.12237		0.924711	0.965280	-1.03596	0.839243	0.914806	-1.09316	0.844615	0.964906	0.746882	-1.3426	0.981145	1.01464	1.01464	0.333321	0.9978	5.32766	1
cg05075708	BRD2;BRD2		0.939069	0.401488	0.853017	-1.17231	0.61669	0.91081	-1.09792	0.554492	1.11703	1.11703	0.36917	0.843047	-1.18617	0.785736	1.05174	1.05174	

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1044 vs. N)	Fold-Change(1 vs.1044)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1277 vs. N)	Fold-Change(1 vs.1277)	p-value(1437 vs. N)	Fold-Change(1 vs.1437)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1637 vs. N)	Fold-Change(1 vs.1637)	F(Error)
cg08285151	HDAC9;HDAC9;HDAC9;HDAC9;HDAC9	0.940093	0.500558	0.643106	-1.55495	0.725531	0.796464	-1.25555	0.742003	0.807923	-1.23774	0.327097	0.520391	-1.91263	0.867338	0.897683	-1.11398	0.966559	0.973295	-1.02744	0.214827	0.430397	-2.32343	0.810183	0.856109	-1.16808	0.744566	0.809711	-1.23501	0.330969	2.18503	5.86837	1
cg05935875	C1orf144;C1orf144	0.940102	0.330674	0.869834	-1.14964	0.828401	1.03062	1.03062	0.928348	0.987582	-1.01257	0.242421	0.843691	-1.18527	0.966887	0.994249	-1.00578	0.733259	1.04867	1.04867	0.904339	0.983435	-1.01684	0.777968	0.961487	-1.04006	0.958586	1.00724	1.00724	0.330949	0.101173	0.271739	1
cg13205751	TMBIM6;TMBIM6;TMBIM6	0.940124	0.510495	1.41217	1.41217	0.721559	1.20314	1.20314	0.659888	1.25731	1.25731	0.609471	1.30524	1.30524	0.778948	1.15661	1.15661	0.518814	1.07832	-1.41197	0.646645	0.787683	-1.26955	0.384785	1.58524	1.58524	0.7398	0.841699	-1.18807	0.307905	1.40107	3.7636	1
cg09036127	BOLA3;BOLA3	0.940133	0.696817	2.0864	2.0864	0.812528	1.56246	1.56246	0.814409	0.642953	-1.55532	0.551092	1.30444	1.30444	0.433085	0.48236	0.48236	0.436725	0.43823	0.43823	?	?	0.440529	0.38169	0.438169	0.43529	0.35224	0.352334	0.312039	15.4983	49.6677	1
cg01044465	LIPE	0.940155	0.357611	1.59493	1.59493	0.784409	1.22837	1.22837	0.922265	1.04934	1.04934	0.930269	1.04413	1.04413	0.573275	0.755156	-1.32423	0.962267	0.976026	-1.02362	0.253757	1.75063	1.75063	0.672554	1.23339	1.23339	0.847476	1.09968	1.09968	0.31884	1.27584	3.42788	1
cg09663314	HLA-DRB6	0.940188	0.438083	3.36041	3.36041	0.679203	0.528054	-1.89375	0.662007	0.508935	-1.96489	0.894977	1.22481	1.22483	0.835212	0.726255	-1.37693	0.435718	3.39084	3.39084	0.43532	3.39458	3.39458	0.675025	0.523364	-1.91072	0.719722	1.73897	1.73897	0.330772	12.352	33.1937	1
cg08346589	ADAMTS16	0.940248	0.609099	1.53144	1.53144	0.538182	2.26686	2.26686	0.965092	2.40695	2.40695	0.503504	1.75549	1.75549	0.566324	1.6169	1.6169	0.55972	1.63051	1.63051	0.810398	1.22041	0.947462	1.05614	1.05614	0.813402	1.19203	1.19203	0.330648	3.59813	6.67293	1
cg24283921	AMPD3;AMPD3;AMPD3	0.940256	0.554763	0.812765	-1.23037	0.491915	1.3127	1.3127	0.641378	0.849783	-1.17677	0.483329	1.28044	1.28044	0.757394	0.991791	1.1136	0.863382	1.06159	1.06159	0.581777	1.21293	1.21293	0.547323	1.2353	1.2353	0.644653	1.17487	1.17487	0.330631	0.603541	1.69518	1
cg00602726	AXIN1;AXIN1 SEPT9;SEPT9;SEPT9;SEPT9;SEPT9;SEPT9	0.940269	0.648223	1.1775	1.1775	0.693524	0.868077	-1.15197	0.948877	0.97745	-1.02307	0.758695	1.11584	1.11584	0.9504	1.02237	1.02237	0.656234	1.17276	1.17276	0.168549	1.68522	1.68522	0.785359	1.10198	1.10198	0.885148	1.05276	1.05276	0.330605	0.662529	1.78133	1
cg09668072	SEPT9	0.940274	0.799285	1.15273	1.15273	0.627187	1.31393	1.31393	0.820012	0.880621	-1.13556	0.812533	1.13947	1.13947	0.356371	0.59401	-1.68347	0.925091	1.05386	1.05386	0.294418	1.8342	1.8342	0.845445	0.896851	-1.11501	0.798771	1.15316	1.15316	0.330593	1.62921	4.38057	1
cg18838346	C6orf136;C6orf136;C6orf136	0.940284	0.618051	1.24324	1.24324	1.26824	0.737202	0.84445	-1.1842	0.657862	0.830031	-1.23432	0.31549	1.59919	1.59919	0.826683	0.901529	-1.10923	0.726152	1.19427	1.19427	1.19427	0.634342	1.2543	1.2543	0.531959	1.34747	1.34747	0.468386	1.41755	1.41755	0.330573	1.16999	3.14402	1
cg08475176	TMC3	0.940291	0.782825	1.2975	0.895179	-1.11709	0.642081	0.82896	-1.26633	0.274606	0.634099	-1.57704	0.588235	0.803275	-1.2449	0.36428	0.68241	-1.46528	0.347299	0.678532	-1.47377	0.918828	0.959972	-1.0417	0.638045	0.827047	-1.20912	0.733141	0.871839	-1.147	0.330559	0.840809	2.26097	1
cg19574514	C11orf66;C11orf66	0.940345	0.466404	1.48198	1.48198	0.535074	1.3957	1.3957	0.969262	1.02068	1.02068	0.294134	1.78117	1.78117	0.910053	1.06181	1.06181	0.305276	1.75667	1.75667	0.676093	1.24928	1.24928	0.70276	1.22567	1.22567	0.560174	1.36706	1.36706	0.330448	1.47423	3.96562	1
cg03124883	UBE2E2	0.940353	0.763781	1.08044	-1.11279	0.802359	1.09283	1.09283	0.624666	1.19107	1.19107	0.712867	1.14004	1.14004	0.892309	1.02319	1.02319	0.716172	1.07855	-1.1823	0.267227	0.663749	-1.50659	0.506865	1.2697	1.2697	0.810923	1.09826	1.09826	0.330683	0.628504	1.77013	1
cg24222175	FAM139A;FAM139A;5	0.940353	0.931966	1.0362	1.0362	0.591097	1.25337	1.25337	0.806858	1.10738	1.10738	0.930248	0.9642	-1.03713	0.826559	1.09569	1.09569	0.249982	1.64974	1.64974	0.35155	1.49068	1.49068	0.833969	1.09134	1.09134	0.677381	0.840329	-1.19001	0.330443	0.907444	2.44111	1
cg08113245	SNRPF	0.940364	0.999381	1.09948	-1.02001	0.831104	1.15223	1.15223	0.877367	0.969039	-1.10738	0.718656	1.27126	1.27126	0.430125	1.70603	1.70603	0.259003	2.19426	2.19426	0.62451	2.720882	-1.38719	0.954314	0.962564	-1.03891	0.548618	1.49582	1.49582	0.330408	2.30323	6.19612	1
cg00309008	TSC22D2	0.940365	0.628217	1.4984	1.10484	0.652318	1.00895	1.00895	0.163406	1.35518	1.35518	0.977241	1.19548	1.19548	-1.00585	0.989014	0.997191	1.01082	0.885066	0.970879	-1.02099	0.569917	1.09525	1.09525	0.802101	0.951855	-1.05058	0.961015	0.990062	-1.01004	0.330405	0.218469	0.587746	1
cg14274609	ATE1;ATE1	0.940389	0.789625	1.235	1.235	0.626001	0.678628	-1.47356	0.955924	1.00459	1.00459	0.991659	0.991783	-1.00829	0.500312	0.582743	-1.71602	0.381849	0.492662	-2.02979	0.864969	1.13919	1.13919	0.567549	0.633758	-1.57789	0.424085	1.90483	1.90483	0.330356	3.25977	8.77105	1
cg13908523	PRKCD;PRKCD	0.940393	0.448193	1.48714	1.2028	0.430159	0.67058	-1.4915	0.564926	0.406087	-2.46253	0.518588	0.543938	-1.83845	0.48833	0.515364	-1.94038	0.463866	0.499715	-2.00114	0.424934	0.468521	-2.13438	0.870758	0.67909	-1.47256	0.891683	0.880932	-1.13516	0.330346	4.5297	12.1884	1
cg21751525	DYNLL1 OGG1;OGG1;OGG1;OGG1;OGG1	0.9404	0.991667	1.04081	1.04081	0.372425	0.656605	-1.52299	0.731937	1.17112	1.17112	0.70359	0.838945	-1.19197	0.718188	1.18115	1.18115	0.744331	1.860422	-1.16222	0.363196	0.650961	-1.53619	0.785383	0.88215	-1.13359	0.409722	0.678882	-1.47301	0.330332	1.1041	2.97103	1
cg18684060	OGG1;OGG1	0.94041	0.882392	0.937793	-1.06633	0.906541	1.05228	1.05228	0.926917	0.960978	-1.04061	0.699574	0.845154	-1.18322	0.338246	0.651616	-1.53465	0.430135	1.41822	1.41822	0.384529	0.679207	-1.47231	0.834027	0.912985	-1.09531	0.744928	0.86794	-1.15215	0.330311	0.984746	2.65002	1
cg14115220	CDH26	0.940464	0.978872	0.988916	-1.01121	0.463078	1.37139	1.37139	0.774836	1.283	1.283	0.817854	1.09007	1.09007	0.440701	1.08604	1.08604	0.289428	1.57401	1.57401	0.80401	1.25045	1.03045	0.393068	0.691958	-1.44517	0.3002	0.926381	2.49379	1
cg13652295	FAM69C	0.940546	0.656518	1.48503	1.48503	0.537219	1.2423	1.2423	0.843108	0.915906	0.699093	-1.43042	0.600749	0.832463	-1.20125	0.833249	0.800745	0.741706	1.891493	-1.1253	0.600749	0.832463	1.08043	1.08043	0.447088	0.764071	-1.30878	0.957219	1.0188	1.0188	0.330197	0.636642	1.69769	1
cg21444086	CNIH3	0.940501	0.901572	0.949854	-1.05279	0.957464	1.02243	1.02243	0.903623	1.05166	1.05166	0.551204	1.28493	1.28493	0.59627	1.24896	1.24896	0.170161	1.83576	1.83576	0.620919	1.23033	1.23033	0.95279	0.975683	-1.02492	0.910865	1.04766	1.04766	0.330124	0.909346	2.43396	1
cg10300129	ANKS1A	0.940503	0.757831	1.06567	1.06567	0.673264	0.682828	-1.51627	0.661388	1.08899	1.08899	0.615496	1.09198	1.09198	0.418739	1.10021	1.10021	0.860664	0.96658	-1.03458	0.835466	1.04101	1.04101	0.884893	1.04101	1.04101	0.902299	1.02709	1.02709	0.402026	0.884943	1.17758	0.981109	0.195692	0.526944	1
cg03642425	SEMA5B;SEMA5B	0.940528	0.614201	2.03596	2.03596	0.876413	0.804377	-1.2432	0.933004	1.1248	1.1248	0.743475	1.58301	1.58301	0.630282	1.156606	1.156606	0.714352	1.67228	1.67228	0.760708	0.652294	-1.53305	0.850797	0.768716	-1.30087	0.751498	1.5595	1.5595	0.330068	10.2276	27.5436	1
cg06919159	RASGRF2	0.940535	0.746905	0.886424	-1.12762	0.720467	1.14257	1.14257	0.868806	1.06324	1.06324	0.94492	0.697091	-1.43453	0.855125	0.934453	-1.07014	0.521698	1.72538	1.72538	0.477555	1.30716	1.30716	0.744032	1.12922	1.12922	0.578787	1.23123	1.23123	0.330052	0.791204	1.93694	1
cg05960504	OPRK1;OPRK1 TMEM30A;TMEM30A;TMEM30A;TME	0.94054	0.507841	1.8979	1.50526	0.796529	1.34455	1.34455	0.557848	0.64361	-1.55374	?	?	?	?	?	?	0.574878	1.55561	1.55561	0.843211	1.16672	1.16672	0.809774	0.827275	-1.20879	0.521247	0.602183	-1.66062	0.305962	2.55561	7.30862	1
cg04445988	M30A	0.940558	0.840232	0.947959	-1.0549	0.627711	0.878632	-1.13813	0.871128	0.957925	-1.04392	0.818212	1.06285	1.06285	0.907408	0.969987	-1.03094	0.88752	0.963222	-1.03818	0.420854	0.804344	-1.24325	0.370941	1.27538	1.27538	0.447759	1.22735	1.22735	0.330006	0.366392	0.986898	1
cg23584745	NKX3-2	0.940559	0.737107	1.11583	1.11583	0.303381	1.4167	1.4167	0.859336	1.0594	1.0594	0.983931	1.00657	1.00657	0.562949	0.826748	-1.20956	0.845333	0.938442	-1.0656	0.505666	1.2457	1.2457	0.783646	0.914356	-1.09367	0.479541	1.26356	1.26356	0.330003	0.553092	1.4898	1
cg00490583	IGFALS;IGFALS;IGFALS;IGFALS;IGFALS	0.940618	0.273148	0.605758	-1.65082	0.646094	0.816096	-1.22535	0.638728	0.813238	-1.23101	0.903331	1.03918	1.03918	0.538692	0.760641	-1.31468	0.361803	0.66232	-1.50984	0.728221	1.16571	1.16571	0.761615	0.874826	-1.14309	0.775197	0.883747	-1.13411	0.329881	1.00932	2.71969	1
cg18143863	TOP2B	0.940634	0.980251	1.02019	1.02019	0.980563	1.09316	1.09316	1.29813	0.315065	1.31503	1.03	0.899966	1.03001	1.03001	0.919329	0.90861	1.03001	1.03001	0.919329	0.90861	1.03001	1.03001	0.919329	0.90861

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(105T vs. 057 vs. N)	Fold-Change(105T vs. 057 vs. N)	Ratio(111T vs. N)	p-value(111T 117 vs. N)	Fold-Change(111T vs. 117 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 127 vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. 127 vs. N)	p-value(121T vs. 217 vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. 477 vs. N)	Fold-Change(347T vs. 477 vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. 537 vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. 537 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. 637 vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg16401617	OPRK1	0.942148	0.267424	2.389323	2.38293	0.776483	1.23854	1.23854	0.954988	0.958463	-1.04334	0.82518	0.846816	-1.18089	0.582111	1.51851	1.51851	0.739818	1.28466	1.28466	0.940493	0.945432	-1.05772	0.327961	2.13598	2.13598	0.622062	1.45272	1.45272	0.326584	2.92275	7.95263	1
cg07717047	C7orf65	0.942159	0.841214	0.934621	-1.06995	0.952552	1.02026	1.02026	0.501309	0.794489	-1.25867	0.203617	0.636162	-1.57193	0.798028	0.917193	1.09028	0.750869	0.898196	-1.11334	0.628229	1.17877	1.17877	0.691865	0.87435	-1.14371	0.751036	0.898263	-1.11326	0.626661	0.587826	1.59955	1
cg01615818	ZNF681	0.942164	0.4771	0.560951	-1.78295	0.476802	0.560724	-1.78341	0.574858	0.635578	-1.57337	?	?	?	0.650503	0.694365	-1.44016	0.514004	0.589037	-1.69769	0.785174	0.803717	-1.24422	0.697645	1.36645	1.36645	0.639857	1.45772	1.45772	0.307815	2.77146	9.00365	1
cg08356027	ASPSCR1	0.942187	0.909112	-1.09996	0.752863	1.328081	-1.23837	0.887213	0.909067	-1.10003	0.930385	0.942991	-1.06046	0.740109	0.799621	-1.25061	0.846315	1.13922	1.13922	0.809132	1.17653	1.17653	0.68564	1.31439	1.31439	0.172064	3.706617	2.655321	0.326651	2.31457	0.353388	1
cg05923736	ECH1	0.942194	0.691694	1.27134	1.27134	0.85164	1.11937	0.74236	1.21973	0.323217	1.84886	1.84886	0.784772	0.84799	-1.17926	0.680737	1.28299	1.28299	0.246151	2.07618	0.708516	0.598954	1.37663	1.37663	0.802422	1.163	1.3587	0.265487	1.87644	5.1072	1
cg20740903	TK1	0.942213	0.969345	0.954467	-1.04771	0.827354	1.3029	0.7669	0.408599	0.78708	2.78708	0.725749	1.5328	0.3328	0.340888	0.30415	-3.28786	0.64841	1.74495	1.74495	0.715874	1.55784	1.55784	0.77247	0.703668	1.42133	0.568796	2.01059	0.326549	2.60607	20.7042	1
cg26137971	ADM2;ADM2	0.942221	0.601431	0.799055	-1.25148	0.816598	1.10394	1.10394	0.734138	0.864937	-1.15615	0.325964	0.649412	-1.53985	0.781291	0.888282	-1.12577	0.493043	1.34489	1.34489	0.963627	1.0196	1.0196	0.504829	1.33382	1.33382	0.946866	0.972031	-1.02877	0.326531	0.936937	2.55055	1
cg26153469	HLA-H	0.942229	0.250594	0.629543	-1.58845	0.644574	0.974745	1.025931	0.983679	0.990512	-1.00756	0.775448	0.900113	-1.11097	0.844818	1.07376	1.07376	0.442469	0.74966	-1.33394	0.96151	0.975614	-1.025	0.749391	0.888762	-1.12536	0.590314	1.22139	1.22139	0.326516	0.700135	1.90901	1
cg23432795	CPSF4;PTCD1;CPSF4;CPSF4;CPSF4	0.942232	0.414046	0.839128	-1.19171	0.654081	1.100515	1.10055	0.909067	1.00405	1.004051	0.514965	1.54877	1.14877	0.801052	1.05447	1.05447	0.919318	1.02151	1.02151	0.413782	0.845345	-1.18267	0.695091	1.08626	1.08626	0.582504	1.12369	1.12369	0.326508	0.228168	0.621168	1
cg21083940	THBS2	0.942233	0.739462	0.929137	-1.07627	0.899599	0.972586	-1.02819	0.772326	1.06597	1.06597	0.360861	1.22981	1.22981	0.405655	1.20606	1.20606	0.965795	0.990601	-1.00949	0.448519	1.18541	1.18541	0.625884	0.897449	-1.11427	0.944567	0.984803	-1.01543	0.326506	0.250779	0.682729	1
cg16542929	UPF2	0.942234	0.6948	1.07455	1.07455	0.930511	1.03191	0.969	0.977861	0.99447	-1.00556	0.935241	1.2375	1.2375	0.807432	1.24042	1.08863	1.07634	0.994242	1.00552	0.562208	1.77176	1.77176	0.564203	0.994045	1.00503	0.562504	1.77176	1.77176	0.848552	0.964375	1.036804	0.326504	0.186167	0.508429	1
cg18560720	SNRNP200	0.942258	0.771383	0.907585	-1.10182	0.989663	1.00432	1.00432	0.692856	0.94126	1.14125	0.793919	0.99104	1.00904	0.55778	1.2181	1.2181	0.627293	0.683693	-1.56651	0.539955	0.565492	-1.76837	0.809027	0.800824	-1.24871	0.831374	0.824079	-1.21348	0.326415	0.450938	1.13469	1
cg00478853	PPP4R2	0.942276	0.920498	0.974489	-1.02659	0.734841	1.36193	1.36595	0.35565	0.750988	-1.33158	0.895081	1.12827	1.12827	0.184009	0.274492	-3.6431	0.404401	2.473	2.473	0.183408	0.90975	-1.0992	0.827178	1.04466	1.04466	0.865586	1.03443	1.03443	0.326292	0.206364	0.562318	1
cg07377876	GTF2IRD1;GTF2IRD1 SEMA6D;SEMA6D;SEMA6D;SEMA6D;SE	0.942335	0.704373	1.28526	1.28526	0.347051	0.528632	-1.89167	0.918746	0.935022	-1.06949	0.904155	0.923756	-1.08254	0.686395	1.30633	1.30633	0.904408	0.92395	-1.08231	0.705755	0.779011	-1.28367	0.332322	1.93176	1.93176	0.809803	1.17204	1.17204	0.326291	2.23986	6.10187	1
cg02272225	MA6D;SEMA6D AM22;AM22;AM22;AM22;AM22;AM22;	0.942336	0.782474	0.853521	-1.17162	0.679102	0.788098	-1.26888	0.476431	0.660774	-1.51338	0.361127	0.584366	-1.71126	0.469718	0.65646	-1.52332	0.436824	0.635123	-1.5745	0.801499	0.865749	-1.15507	0.7744	0.848354	-1.17875	0.567884	1.39149	1.39149	0.326289	1.69236	4.61039	1
cg15412291	AM22;AM22	0.942336	0.994355	1.00899	1.008899	0.893772	0.8444	-1.18427	?	?	?	?	?	0.388927	0.321255	-3.11279	?	?	?	?	?	?	?	?	?	0.858149	1.25426	1.25426	0.213421	2.75977	12.9311	1
cg25929198	AAK1	0.942361	0.545603	1.2727	1.2727	0.669473	1.18447	1.18447	0.514769	1.29749	1.29749	0.647411	1.19907	1.19907	0.855158	1.0747	1.0747	0.170106	1.779	1.779	0.781285	1.11598	1.11598	0.598179	1.23327	1.23327	0.808814	1.1048	1.1048	0.326237	0.803084	2.18814	1
cg19585816	ANK1	0.942395	0.998848	1.00037	1.00037	0.999072	1.3221	1.3221	0.872346	1.04251	1.04251	0.805515	1.0995	1.0995	0.634873	0.803508	-1.24479	0.819105	1.0611	1.0611	0.54772	1.17058	1.17058	0.995961	1.00131	1.00131	0.324093	1.30169	1.30169	0.326166	0.346256	0.84364	1
cg19907326	N4BP2L1;N4BP2L1	0.942397	0.740577	0.866328	-1.1543	0.975666	1.10132	0.803733	1.11353	0.377167	0.676142	-1.48788	0.709145	1.37955	1.37955	0.729853	1.37955	0.817616	0.905055	-1.10491	0.638263	1.22691	1.22691	0.90854	1.05088	1.05088	0.31196	1.57102	1.57102	0.326163	0.963423	2.62562	1
cg10245273	SOX1;SOX1	0.942466	0.513575	0.909095	-1.09993	0.758737	0.708837	0.70238	-1.42347	0.833665	0.835795	1.36654	0.827364	1.18603	0.731599	1.36703	1.36703	0.464124	-2.15406	0.464124	-2.15406	0.597884	0.610025	1.63925	-1.31479	0.760576	1.31479	0.760576	1.07116	1.07116	0.326116	0.373973	0.936052	1
cg19970751	DGKH;DGKH	0.942467	0.648395	1.58044	1.58044	0.492234	2.00449	2.00449	0.834252	1.23233	1.23233	0.786053	1.31161	1.31161	0.301159	2.90972	2.90972	0.554231	1.81565	1.81565	0.310311	2.84806	2.84806	0.970944	1.03698	1.03698	0.48497	2.02887	2.02887	0.326015	0.13215	13.993	1
cg25471916	SERINC5	0.942514	0.865046	1.05051	1.05051	0.978868	0.992357	-1.0077	0.845235	1.05824	1.05824	0.709713	1.11439	1.11439	0.603708	0.859256	-1.1638	0.840569	1.06008	1.06008	0.22912	0.693803	-1.44133	0.770745	0.88832	1.08832	0.600276	1.1655	1.1655	0.955215	0.433097	1.18121	1
cg14324200	SAMD11	0.942529	0.639489	0.757416	-1.32008	0.431936	1.50992	1.5986	0.46765	0.880325	1.12067	0.761228	1.23684	1.23684	0.541797	0.81587	-1.22546	0.97063	1.07855	-1.02152	0.868031	1.03289	1.03289	0.722121	0.55122	-1.81419	0.596731	1.36954	1.36954	0.52884	1.7901	0.88272	1
cg07960944	LDLR	0.942529	0.878606	0.852427	-1.17312	0.279938	3.23283	3.23283	0.837611	0.80704	-1.2391	0.741957	0.681699	-1.46692	0.951417	1.06572	1.06572	0.44304	0.441745	-2.26375	0.685403	0.653472	-1.53029	0.676207	1.55081	1.55081	0.80573	1.29358	1.29358	0.325883	0.563254	15.3635	1
cg17419623	PTGS2	0.942556	0.487786	0.771263	-1.29657	0.826853	1.07339	1.07339	0.587471	1.22766	1.22766	0.815376	0.905644	1.10416	0.719844	1.38973	1.38973	0.874213	0.94299	-1.06011	0.648453	0.709793	-1.33193	0.747905	0.88798	-1.12633	0.879702	0.945847	-1.05725	0.326327	0.905258	1.19111	1
cg17770910	LYNX1;LYNX1	0.942559	0.501263	0.418321	-2.39051	0.745019	1.51687	0.35146	0.740534	0.340574	3.40574	0.715734	1.59514	1.59514	0.604822	0.80344	-1.24465	0.966215	0.55557	-1.80009	0.55557	0.02432	-41.1289	0.024332	0.98542	-1.01469	0.98542	0.754257	1.26222	0.32582	0.41215	22.9497	1
cg23632389	ASPSCR1	0.942593	0.969727	1.01014	1.01014	0.811944	1.06542	1.06542	0.982994	1.0057	1.0057	0.513854	0.838601	-1.19246	0.216628	0.707752	-1.41292	0.988353	0.996127	-1.00389	0.675251	1.11854	1.11854	0.591295	0.865788	-1.15502	0.999113	0.999705	-1.0003	0.325748	0.364681	0.99513	1
cg16277169	TBX3;TBX3	0.942616	0.634642	1.19707	1.19707	0.835744	1.12577	-1.25318	0.834954	1.09135	1.09135	0.653836	1.13515	1.13515	0.539126	0.559636	1.78631	0.725568	1.37845	1.37845	0.546838	0.677971	-1.47499	0.994004	1.00601	0.994004	0.996325	-1.00368	0.517464	1.37925	1.37925	0.3257	1.23841	0.13782	1
cg00025795	TBC1D16	0.942624	0.380034	0.717117	-1.39447	0.660874	1.17706	1.17706	0.874487	1.06011	1.06011	0.983988	1.0744	1.0744	0.265413	0.651444	1.53505	0.883891	1.05544	1.05544	0.740108	1.1308	1.1308	0.971092	0.986708	-1.01347	0.8243	0.921171	-1.08558	0.326484	0.703334	1.19961	1
cg21745092	PBEX2;PBEX2	0.942627	0.967705	1.03357	1.03357	0.943617	1.03028	1.03028	0.977427	1.04371	1.04371	0.945953	1.02727	1.02727	0.950632	1.03314	1.03314	0.882245	1.17505	1.17505	0.832414	1.20765	1.20765	0.933021	1.07135	1.07135	0.933021	1.07135	1.02789	1.02789	0.326107	0.24369	0.928405	1
cg02341374	GATAD1	0.942644	0.287373	1.33075	1.33075	0.608495	0.874907	-1.14298	0.46602	1.21154	1.21154	0.645326	1.12736	1.12736	0.875042	0.96011	-1.04155	0.536651	1.17568	1.17568	0.850677	0.95242	-1.04996	0.944124	0.982032	-1.0183	0.849415	1.0504	1.0504	0.32564	0.345083	0.941961	1
cg09469663	CLK3;CLK3	0.942668	0.811778	0.924919	-1.08118	0.52846	1.23237	1.23237	0.716072	1.12694	1.12694	0.956373	1.01806	1.01806	0.89276	1.04512	1.04512	0.998257	0.999286	-1.00071	0.210486	0.649397	-1.53981	0.873917	1.05333	1.05333	0.762247	1.10436	1.10436	0.326566	0.551922	1.50691	1
cg02632700	SMARCD3;SMARCD3	0.942680	0.399801	1.2509	1.2509	0.799555	1.18178	1.18178	0.965235	0.929788	1.07551	0.720805	0.80938	0.80938	0.864909	1.15612	1.15612	0.369735	0.430863	-2.32126	0.270025	0.449548	1.69148	0.894139	0.64639	1.54754	0.894139	0.64639	1.12546	1.12546	0.326545	0.34392	0.397256	1
cg08785692	TMEM5	0.942691	0.764603	0.846076	-1.18193	0.543973	1.40755	1.40755	0.666135	1.27329	1.27329	0.441051	1.54849	1.54849	0.446593	0.649344	-1.54002	0.874159	0.915562	-1.09223	0.442405	1.54641	1.54641	0.719527	1.22226	1.22226	0.990416	0.993337	-1.00671	0.325544	1.59726	4.36128	1
cg24842724	EHD1	0.942724	0.469686	0.532854	-1.87657	0.502496	1.31149	0.861407	0.857647	1.16598	0.823003	0.783175	1.27656	1.27656	0.387468	0.829493	-1.20565	0.874158	0.905105	-1.10494	0.24666	0.405158	-2.46666	0.405158	0.87653	-1.14094	0.87653	0.764027	-1.30752	0.325472	0.40162	0.992387	1
cg08097086	SRM3	0.942725	0.462543	0.805622	-1.24123	0.639646	0.870691	-1.14851	0.42062	0.878635	-1.27328	0.806055	0.930314	-1.07491	0.574557	0.846583	-1.18122	0.775416	0.87662	-1.08762	0.863959	0.604952	1.04952	0.683606	1.12786	1.12786	0.370822	0.763498	1.30976	0.326464	0.444665	1.21388	1
cg19354125	PBX1	0.942731	0.90108	0.964588	-1.03671	0.695812	0.892326	-1.12067	0.686311	1.12493	1.12493	0.371949	0.766608	-1.30445	0.295779	0.730269	-1.36936	0.453109	0.801239	-1.24807	0.911173	1.03289	1.03289	0.912182	0.96852	-1.0325	0.914286	0.969265	-1.03171	0.325457	0.433308	1.18345	1
cg08018789	AFG3L1;CENPB1;AFG3L1;AFG3L1	0.942736	0.759755	0.928634	-1.07665	0.889887	0.916	-1.09132	0.676065	0.824151	-1.21317	0.746211	0.818398	-1.22209	0.387168	0.579295	-1.72603	0.622815	1.19674	1.19674	0.314041	0.492944	-2.02863	0.803192	1.16004	1.16004	0.629553	0.726664	1.38764	0.326447	0.345142	0.35909	1
cg20801348	ATP1F1;ATP1F1;ATP1F1	0.942763	0.756708	0.767471	-1.30298	0.391666	0.473201	-2.11327	0.907135	0.905397	-1.10449	0.365155	0.452738	-2.20878	0.492648	1.81017	1.81017	0.722062	1.3555	1.3555	0.60743	0.643192	-1.55474	0.835923	0.8381	-1.19318	0.980752	1.02076	1.02076	0.325389	1.37763	10.2104	1
cg14249808	OSGI2	0.942777	0.928534	1.04966	1.04966	0.768668	1.14078	1.14078	0.316456	1.25312	1.25312	0.624858	1.16376	1.16376	0.64468	0.7512	1.33102	0.879506	1.14364	1.14364	0.84091	1.13063	1.13063	0.647396	0.79506	-1.25777	0.644787	0.6887	-1.45203	0.325374	0.312274	0.99724	1
cg05141014	PART1;PART1;POE4D;PART1	0.942797	0.297643	3.72412	3.72412	0.556631	2.05118	2.05118	0.793351	1.37673	1.37673	0.762521	1.44637	1.44637	0.913091	0.875507	-1.14219	0.379779	2.99581	2.99581	0.690159	0.613872	-1.629	0.545581	2.10623	2.10623	0.952157	0.929538	-1.0758	0.325319	7.64091	20.8777	1
cg09482161	LRP1	0.942821	0.214384	3.64652	3.64652	0.939525	1.11989	1.11989	0.760949	1.35418	1.35418	0.71155	1.44663	1.44663	0.49647	1.32088	1.32088	0.822815	1.39674	1.39674	0.310441	0.492944	-2.02863	0.803192	1.20181	1.20181	0.283872	1.32558	1.32558	0.326453	0.342558	0.35909	1
cg21206067	PHYHIPL;PHYHIPL	0.942826	0.418427	1.54595	1.54595	0.93881	1.04184	1.04184	0.812894	1.3353	1.3353	0.219996	1.59084	1.59084	0.723451	1.20887	1.20887	0.632475	1.29337	1.29337	0.939475	1.04138	1.04138	0.441112	1.52105	1.52105	0.587655	1.33951	1.33951	0.325257	1.4684	0.01296	1
cg07917406	RAPGEF4;LOC91149 MGAT3;MGAT3;MGAT1;MGAT1;MGAT	0.942852	0.717514	1.63278	1.63278	0.405847	3.15058	3.15058	0.286586	4.45183	4.45183	0.523542	2.39261	2.39263	0.384897	3.32737	3.32737	0.512612	2.4501	2.4501	0.963479	1.06374	1.06374	0.937105	1.11237	1.11237	0.834464	1.3263	1.3263	0.325202	9.37916	25.6365	1
cg15177964	1	0.942862	0.431973	0.683139	-1.4949	0.630829	0.784473	-1.27474	0.653527	0.797308	-1.25422	0.562977	0.745887	-1.34068	0.452864	0.681556	-1.46723	0.741481	0.847074	-1.18053	0.373557	0.632588	-1.58081	0.317248	0.595528	-1.67918	0.484905	0.700603	-1.42734	0.3258	1.2944	3.53827	1
cg12048124	ZNF121	0.942866	0.54731	0.825384	-1.21097	0.999871	1.00005	1.00005	0.464451	1.26368	1.26368	0.58795	0.842021	-1.18762	0.956108	1.01745	1.01745	0.673731	0.874504	-1.14357	0.548286	0.826178	-1.21039	0.564249	1.20107	1.20107	0.55375	1.20717	1.20717	0.325172	0.508851	1.39094	1
cg22301418	ATP11A;ATP11A	0.942874	0.324115	0.444317	-2.25116	0.641945	1.45666	1.45666	0.549744	1.05833	1.05833	0.599416	0.653292	-1.53071	0.954708	1.00503	1.00503	0.740138	0.765393	-1.30652	0.581832	0.639684	-1.56327	0.508003	1.71504	1.71504	0.743713	1.30151	1.30151	0.325155	1.32277	0.08359	1
cg09668031	RAB26	0.942874	0.459705	0.76644	1.76644	0.990243	0.998	-1.00029	0.553167	0.788948	-1.26607	0.864364	0.878775	-1.13795	0.653277	0.710511	-1.40744	0.739565	1.2868	1.2868	0.295336	0.640318	-2.27109	0.556065	0.637601	-1.56838	0.714198	0.75729	1.3205	0.325155	2.94195	8.04254	1
cg11845159	ABHD1	0.942877	0.646374	1.24166	1.24166	0.781555	1.12778	1.12778	0.429087	1.27555	1.27555	0.604853	0.880758	1.13566	0.702721	1.42291	1.42291	0.369735	0.56888	-1.75808	0.270025	0.449548	1.69148	0.894139	0.64639	1.54754	0.894139	0.64639	1.12546	1.12546	0.325127	0.36868	0.153496	1
cg25197880	LOC285830;LOC285830	0.942886	0.972822	1.01331	1.01331	0.843679	1.07965	1.07965	0.410706	0.721394	-1.3862	0.654201	1.19128	1.19128	0.835766	1.08392	1.08392	0.75061	0.883569	-1.13177	0.286734	1.5364	1.5364	0.676301	1.17704	1.17704	0.841672	0.925297	-1.08073	0.325129	0.775999	2.12155	1
cg08465311	MAD2L1;MAD2L1;MAD2L1	0.942893	0.774843	1.14383	1.14383	0.937304	0.983784	-1.03758	0.569179	1.30067	1.30067	0.681924	1.21316	1.21316	0.604901	1.22304	1.22304	0.826819	1.17913	1.17913	0.262817	0.65801	-1.51965	0.810583	1.191	1.191	0.914344	1.05175	1.05175	0.325088	1.11302	3.60528	1
cg10927068	RFESD;RFESD;RFESD;RFESD;RFESD	0.942909	0.812658	0.960585	-1.04103	0.368615	2.71693	1.1693	0.934339	1.01405	1.01405	0.773701	1.05875	1.05875	0.427945	1.1418	1.1418	0.857616	0.97004	-1.03088	0.795026	0.956861	-1.04508	0.665394	0.928952	-1.07648	0.401762	1.15645	1.15645	0.325081	0.147703	0.403873	1
cg26393227	COX6B2;FAM71E2	0.942919	0.98678	0.995738	-1.00428	0.53742	0.85131	-1.17466	0.579512	0.865644	-1.15521	0.541385	0.852679	-1.17277	0.411672	0.80542	-1.24159	0.729883	0.914524	-1.09346	0.37501	0.791076	-1.2641	0.983197	1.00544	1.00544	0.562096	1.16312	1.16312	0.325061	0.342117	0.935529	1
cg05662843	TSPAN3	0.942942	?	1.04293	1.04293	0.96078	1.44549	1.44549	0.556462	1.17798	1.17798	0.511306	1.08065	1.08065	0.722228	1.03263	1.03263	0.628899	0.68835	-1.45275	0.360354	2.0605	2.0605	0.975705	0.940102	-1.06371	0.949326	0.952508	-1.04986	0.329103	1.97319	7.06725	1
cg15083255	TMEM104;NAT9	0.942984	0.247642	2.91998	2.91998	0.495388	1.8473	1.8473	0.533361	1.74944	1.74944	0.675947	1.45163	1.45163	0.618328	0.811306	-1.23289	0.581044	1.63911	1.63911	0.564246	1.67654	1.67654	0.564411	1.69916	1.69916	0.609015	1.57987	1.57987	0.329423	0.44061	11.0648	1
cg03334568	ZBTB11;LOC100009676	0.942985	ZBTB11;LOC100009676	0.942985	0.942985	0.942985

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. Change(217 vs. N)	p-value(3477 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg01301687	ZCRB18	0.944151	?	?	0.863524	0.94622	-1.05684	0.955923	1.18763	1.18763	?	?	0.413846	1.30788	1.30788	0.508965	1.2402	1.2402	?	?	0.666415	1.14952	1.14952	0.774276	1.09679	0.23588	0.276419	1.45342	
cg01594691	RHOB	0.944174	0.461521	0.873739	-1.14451	0.50305	1.13018	1.13018	0.672194	1.07965	1.07965	0.798274	0.954932	-1.04719	0.927082	0.983653	-1.01662		0.413869	1.1623	1.1623	0.816245	0.958953	-1.1428	0.738694	1.06213	1.06213	0.505653	1.12931	1.12931	0.322394	0.165541	0.456422	1
cg07469792	RASSF8;RASSF8	0.944179	0.989948	0.996453	-1.00356	0.527482	0.834766	-1.19794	0.925286	1.02681	1.02681	0.766478	0.919414	-1.08765	0.490149	0.820576	-1.21866		0.310611	0.743814	-1.34442	0.303756	0.740458	-1.35052	0.995661	1.00154	1.00154	0.909654	0.968484	-1.03254	0.922384	0.406347	1.12039	1
cg13434497	MYT1L	0.944183	0.674843	0.885015	-1.12992	0.90755	0.966926	-1.03421	0.632432	0.869781	-1.14971	0.865622	1.000426	0.801775	1.07555	1.07555			0.73579	0.850348	-1.17539	0.24175	1.42581	1.42581	0.780967	1.08405	1.08405	0.799697	1.07639	1.07639	0.322365	0.427934	1.17998	1
cg15147624	FAM53C;FAM53C	0.944196	0.778611	0.751995	1.39238	0.755505	0.729139	-1.37148	0.842551	1.22277	0.661658	0.640607	-1.56102	0.828196	1.24582	1.24582			0.415598	2.31982	2.31982	0.306521	0.342798	-2.91717	0.716015	1.44698	1.44698	0.71496	0.690094	-1.44908	0.322348	5.22131	14.398	1
cg21639178	LSM5;LSM5;LSM5;LSM5	0.944222	0.946869	0.954629	-1.04753	0.528357	0.640777	-1.56051	0.88642	1.1047	1.1047	0.993339	0.994201	-1.00583	0.684188	0.75207	-1.32966		0.520906	1.57359	1.57359	0.348077	0.43165	-2.31669	0.728082	0.784126	-1.27531	0.884901	1.10618	1.10618	0.322296	2.477388	6.833396	1
cg09685747	PNPT1	0.944258	0.440069	3.15059	3.15059	0.939734	0.895654	-1.1165	0.878307	1.25021	1.25021	0.534151	2.50336	2.50336	0.445794	3.10408	3.10408		0.361162	3.92787	3.92787	0.56068	0.424243	-2.35714	0.922523	1.15232	1.15232	0.855525	1.30425	1.30425	0.322215	10.8398	29.9035	1
cg01144820	ZNF22;C10orf25	0.944429	0.572795	1.21344	1.21344	0.671367	0.865656	-1.15519	0.959598	0.982602	-1.01777	0.880036	0.917755	-1.08976	0.533479	1.24372	1.24372		0.736356	1.12101	1.12101	0.62152	1.18205	1.18205	0.253825	1.49607	1.49607	0.704159	1.13766	1.13766	0.322146	0.583056	1.60881	1
cg22536417	WHSC1;WHSC1;WHSC1;WHSC1	0.944302	0.728729	0.893331	-1.11941	0.514778	1.34296	1.34296	0.697701	1.1348	1.1348	0.709143	1.12907	1.12907	0.520883	1.23469	1.23469		0.971337	1.01611	1.01611	0.266376	1.45489	1.45489	0.865033	1.05666	1.05666	0.935999	0.974317	1.02636	0.322121	0.535476	1.47764	1
cg14984878	SPTBN1	0.944304	0.664427	0.83435	-1.19854	0.808322	0.904075	-1.1061	0.4311	0.71647	-1.39573	0.866204	0.932336	-1.07257	0.809569	1.10536	1.10536		0.392083	1.4388	1.4388	0.539799	1.29376	1.29376	0.623613	1.2278	1.2278	0.732477	1.153	1.153	0.322116	0.878281	2.42364	1
cg21645823	TNKS2	0.944307	0.87571	0.93905	-1.06441	0.75456	0.9654	-1.04015	0.597819	1.05632	1.05632	0.59224	1.20164	1.20164	0.60657	1.20164	1.20164		0.409078	1.83687	1.83687	0.112255	0.543	-1.84024	0.600351	1.07087	1.07087	0.770409	1.0386	1.0386	0.322111	0.085444	2.23579	1
cg13963807	PPP1CA;PPP1CA;PPP1CA;RAD9A	0.944331	0.916983	0.93241	-1.07249	0.530356	1.53209	1.53209	0.347605	1.91383	1.91383	0.16284	1.72731	1.27231	0.576343	0.68463	-1.46064		0.896029	0.915986	-1.09172	0.757449	0.812268	-1.23125	0.120435	1.70634	1.70634	0.71883	1.27464	1.27464	0.322026	2.29792	6.34228	1
cg25185892	GUCY1B3	0.944342	0.794343	0.920348	-1.08607	0.6631	0.899255	-1.11201	0.484375	1.1812	1.1812	0.498368	0.846222	-1.1813	0.526208	0.855832	-1.16845		0.603331	0.880666	-1.1355	0.950397	1.01521	1.01521	0.851402	1.00304	1.00304	0.377997	0.803105	1.24517	0.320105	0.289707	0.827258	1
cg13596085	SMC5	0.944342	0.828775	1.15173	1.15173	0.609077	1.39991	1.39991	0.751733	0.813017	-1.22999	0.969822	0.975628	1.02498	0.354722	1.86075	1.86075		0.925261	0.940636	-1.06311	0.817962	0.880391	-1.16226	0.806094	1.17399	1.17399	0.268674	2.11098	2.11098	0.322035	2.16972	5.98892	1
cg16554228	RPS24;RPS24;RPS24;RPS24;RPS24;RPS2 4	0.94435	0.375943	1.5089	1.5089	0.700091	0.83926	-1.19153	0.718137	1.18734	1.18734	0.624621	1.25016	1.25016	0.430021	0.694407	-1.44008		0.933652	1.03842	1.03842	0.7306	0.855141	-1.1694	0.887493	0.937921	-1.06619	0.566347	1.30009	1.30009	0.322019	1.04537	2.8856	1
cg25692835	C2orf64;UNC50;C2orf64	0.944383	0.592609	2.28038	2.28038	0.729776	1.69766	1.69766	0.46326	3.1253	3.1253	?	?	?	0.552425	2.50271	2.50271		0.482828	2.97008	2.97008	0.326016	0.47012	4.70102	0.822183	0.709242	-1.40996	0.76206	1.58961	1.58961	0.303124	9.94108	32.7954	1
cg08077882	JAKMIP1;JAKMIP1	0.944393	0.902388	1.06284	1.06284	0.975584	0.984934	-1.01532	0.633665	0.788126	-1.26732	0.716939	0.834568	-1.19822	0.486931	0.709918	-1.42062		0.977926	1.01584	1.01584	0.976192	1.23199	1.23199	0.32708	1.38211	1.38211	0.314773	0.596717	-1.67594	0.321927	1.25779	3.47205	1
cg01330880	SOCS1	0.944395	0.780728	1.24964	1.24964	0.524505	0.881769	-1.13408	0.802804	0.731369	-1.39398	0.249352	0.54452	-1.94752	0.502757	1.14122	1.14122		0.393731	1.38912	1.38912	0.910992	1.16179	1.16179	0.407203	1.25034	1.25034	0.940194	0.90519	-1.10474	0.321879	0.984403	2.81	1
cg08936669	TMBIM4	0.944417	0.980578	1.00558	1.00558	0.533198	0.865652	-1.1552	0.371584	0.810814	-1.23333	0.727075	0.08339	1.08339	0.61398	0.896148	-1.11589		0.821535	1.053	1.053	0.816133	1.05469	1.05469	0.332857	0.795884	-1.25653	0.947906	1.01505	1.01505	0.321874	0.266387	0.735654	1
cg10769251	CDKN2D;CDKN2D ABLIM2;ABLIM2;ABLIM2;ABLIM2;ABLI	0.944417	?	?	?	?	1.48285	1.48285	0.895773	1.13444	1.13444	0.26078	0.753166	1.4082	0.686247	1.47363	1.47363		0.3583	1.40352	1.40352	0.249158	?	?	0.704841	0.715557	-1.40537	0.596445	1.67361	1.67361	0.321703	0.108328	11.1671	1
cg01200651	M2;ABLIM2;ABLIM2	0.944456	0.488743	1.31388	1.31388	0.946714	1.02628	1.02628	0.30772	0.663774	-1.50654	0.938554	1.03038	1.03038	0.943556	0.972891	-1.02786		0.647879	1.19539	1.19539	0.634382	1.20437	1.20437	0.614451	1.21792	1.21792	0.692733	0.857142	-1.16667	0.321792	0.767785	2.12086	1
cg16526952	QRICH1;QRICH1	0.944458	0.988075	1.00282	1.00282	0.592438	0.903061	-1.10734	0.943343	0.986677	-1.0135	0.620411	1.00879	1.00879	0.449552	1.15651	1.15651		0.963012	0.991287	-1.00879	0.656038	0.918888	-1.08827	0.294678	1.22763	1.22763	0.831259	1.04109	1.04109	0.321787	0.181474	0.501295	1
cg03132474	ERO1LB	0.944464	0.391607	1.32583	1.32583	0.625535	1.17204	1.17204	0.954844	0.883323	-1.01696	0.825867	1.07371	1.07371	0.449044	1.15892	1.15892		0.483709	1.25825	1.25825	0.843141	0.938058	-1.06603	0.443094	0.776938	-1.2871	0.578264	1.19872	1.19872	0.321775	0.530878	1.46653	1
cg13489366	ANGPTL3;MTOR	0.944466	0.810958	1.08153	1.08153	0.924505	0.988023	-1.02038	0.380901	1.03046	1.03046	0.380901	1.03046	1.03046	0.380901	1.03046	1.03046		0.6835	1.15	1.15	0.903394	1.04554	1.04554	0.260851	1.20051	1.20051	0.837641	1.05217	1.05217	0.321771	0.313074	0.864863	1
cg05246657	FBXO9;FBXO9;FBXO9	0.944478	0.316447	1.20976	1.20976	0.528644	0.889259	-1.12453	0.503673	1.13289	1.13289	0.604475	1.10084	1.10084	0.880433	0.972705	-1.02806		0.940604	0.986406	-1.01378	0.748963	0.942678	-1.06081	0.750086	1.06052	1.06052	0.672724	1.08125	1.08125	0.321745	0.172259	0.475903	1
cg25832795	ANKRD5;ANKRD5	0.944479	0.651802	1.02918	1.02918	0.940673	1.0158	1.0158	0.563467	0.827617	1.20903	0.467446	1.59578	1.27088	0.407464	1.59578	1.59578		0.623487	1.2633	1.2633	0.472461	1.55196	1.55196	0.400202	1.55196	1.55196	0.400202	1.37491	1.37491	0.748643	0.871096	1.42473	0.864414	2.39367	1
cg01552777	DIP2C	0.944489	0.446695	1.54368	1.54368	0.592108	1.02902	1.02902	0.688098	1.25345	1.25345	0.665907	1.27529	1.27529	0.74786	1.19788	1.19788		0.328436	1.75884	1.75884	0.25134	1.59596	1.59596	0.605146	1.24666	1.24666	0.685627	1.25584	1.25584	0.32172	1.59667	4.41147	1
cg04711050	SLC1A1	0.944492	0.515063	1.09307	1.09307	0.778509	1.03875	1.03875	0.237608	1.1815	1.1815	0.880733	0.979963	-1.02045	0.826955	0.970916	-1.02996		0.971121	1.00489	1.00489	0.886199	0.98088	-1.01949	0.839709	0.973067	-1.02768	0.466989	1.10493	1.10493	0.321715	0.0926025	0.255858	1
cg12799146	CDKN1C;CDKN1C;CDKN1C	0.944503	?	?	?	?	1.64736	1.64736	1.24485	1.65273	1.65273	0.193773	1.13444	1.13444	0.26078	0.753166	1.4082	0.686247	1.47363	1.47363	1.47363		0.3583	1.40352	1.40352	0.249158	?	?	0.704841	0.715557	-1.40537	0.596445	1.67361	1.67361	0.321703	0.108328	11.1671	1
cg19030814	SIPA1L2 2MYND11;2MYND11;2MYND11;2MYND	0.944504	0.768495	1.18154	1.16365	0.63672	2.31672	2.31672	0.99463	0.996203	-1.00381	0.928693	1.05189	1.05189	0.75422	0.837386	-1.19419		0.78376	1.16821	1.16821	0.939739	1.04366	1.04366	0.875801	0.915395	-1.09242	0.802822	0.868138	-1.15189	0.321689	1.62748	4.49703	1
cg14694828	11;2MYND11;2MYND11	0.944518	0.642716	1.13701	1.13701	0.929297	0.975904	-1.02469	0.68171	1.12001	1.12001	0.750757	0.916141	-1.09153	0.540411	0.84338	-1.18571		0.352099	0.7686	-1.30107	0.396175	0.787566	-1.26974	0.926107	1.02582	1.02582	0.838708	1.05761	1.05761	0.321658	0.384817	1.06343	1
cg23943684	MAP3K10	0.944536	0.265206	1.72493	1.72493	0.75122	1.16106	1.16106	0.996189	0.99776	-1.00225	0.259778	1.73664	1.73664	0.691273	1.20613	1.20613		0.81067	1.11928	1.11928	0.601593	1.28062	1.28062	0.89336	1.065	1.065	0.934667	1.03925	1.03925	0.321621	0.112295	3.10358	1
cg23253879	UG1;UG3	0.944546	0.776164	1.09125	1.09125	0.774525	0.996046	-1.00337	0.684194	1.13736	1.13736	0.293746	1.29306	1.29306	0.597956	1.30079	1.30079	0.667162	1.23837	1.23837	1.23837		0.714173	0.833789	-1.19934	0.650006	1.25324	1.25324	0.508096	1.25324	1.25324	0.508096	1.19347	1.19347	0.291229	1.71806	1.71806	0.321593	1.24373	1.24373	0.321958	1.1405	4.05495	1
cg03735377	ATP11A;ATP11A	0.944573	0.597664	1.50676	1.50676	0.740628	1.29137	1.29137	0.533753	1.62438	1.62438	0.957408	1.04197	1.04197	0.928545	0.933289	-1.07148		0.477695	1.74311	1.74311	0.239761	2.57934	2.57934	0.728805	1.30724	1.30724	0.720306	0.758243	-1.31884	0.32154	3.0173	8.34124	1
cg24241586	MRGPRF;MRGPRF	0.944582	0.625082	1.60008	1.60008	0.631155	0.691821	-1.44546	0.833251	1.17539	1.17539	0.676517	0.726456	1.37655	0.643762	1.55317	1.55317		0.623487	1.2633	1.2633	0.472461	1.55196	1.55196	0.400202	1.55196	1.55196	0.400202	1.37491	1.37491	0.748643	0.871096	1.42473	0.864414	2.39367	1
cg07700514	DKF2P434H368;GNAO1;GNAO1	0.944634	0.674824	0.606057	-1.65001	?	?	?	0.867516	0.820765	-1.21838	?	?	?	0.667809	0.599083	-1.66922		?	?	?	?	?	?	?	?	?	?	?	0.119671	0.810589	11.2891	1
cg24661168	C1orf107	0.944641	0.973751	1.0145	1.0145	0.650323	1.22096	1.22096	0.515407	1.33445	1.33445	0.908362	0.950877	-1.05166	0.544474	1.30779	1.30779		0.461916	1.30766	1.30766	0.227095	1.74146	1.74146	0.618499	1.24559	1.24559	0.893676	1.00224	1.00224	0.321395	0.974064	2.69399	1
cg02811627	AMN	0.944648	0.737775	1.19056	1.19056	0.72359	1.0157	1.0157	1.4027	1.4027	1.4027	0.554564	0.868769	-1.15092	0.608187	0.846304	-1.18159		0.852099	0.889037	-1.12481	0.59634	0.847348	-1.18031	0.875238	1.15068	1.15068	0.550353	1.17425	1.17425	0.321381	0.406159	1.2337	1
cg04715649	CDC42BPB	0.944661	0.507723	0.609437	-1.64086	0.812343	1.19156	1.19156	0.267876	2.34084	2.34084	0.557904	1.54758	1.54758	0.403831	0.854223	-1.17065		0.800418	0.829712	-1.20524	0.748355	0.788836	-1.26769	0.838476	0.860354	-1.16231	0.928434	1.06844	1.06844	0.321352	2.76389	7.64516	1
cg22373221	KIRREL3;KIRREL3;KIRREL3;KIRREL3	0.944679	0.267655	1.42866	1.42866	0.881334	0.972807	1.02778	0.697799	0.84677	-1.18077	0.396277	0.596277	0.692698	0.498336	1.00169	0.997291	1.0042	1.00627	1.00627	1.00627		0.779586	1.10466	0.91941	0.981583	-1.01884	0.674299	1.00705	0.997291	1.00627	0.674299	1.00705	0.997291	1.00627	0.321657	0.0702	0.252	1
cg23515768	ZBTB9	0.944686	0.772681	1.04609	1.04609	0.698496	0.941245	-1.06242	0.85219	0.971401	-1.02944	0.731591	1.05502	1.05502	0.685005	0.938529	-1.0655		0.615251	1.08202	1.08202	0.697904	0.941126	-1.06256	0.71988	0.94552	-1.05762	0.261731	1.19969	1.19969	0.321299	0.123144	0.340686	1
cg01081960	ZC3H18 GFRA2;GFRA2;GFRA2;GFRA2;GF	0.944686	0.610669	2.0359	2.0359	0.394064	3.49427	3.49427	0.22267	5.89652	5.89652	0.534015	2.3919	2.3919	0.77562	1.48541	1.48541		0.570476	2.21201	2.21201	0.534227	2.39079	2.39079	0.771408	1.49686	1.49686	0.709582	1.67864	1.67864	0.321298	0.751994	26.9904	1
cg00926236	RA2	0.944693	0.726342	1.09118	1.09118	0.709865	1.09725	1.09725	0.573839	1.15156	1.15156	0.698499	1.10149	1.10149	0.745287	0.922242	-1.08431		0.734406	1.08824	1.08824	0.421092	0.815377	-1.22643	0.47716	0.835692	-1.19661	0.59025	0.873719	-1.14453	0.321283	0.315799	0.863181	1
cg03144027	CSMD3;CSMD3	0.944712	0.971422	1.02937	1.02937	0.953213	1.65129	1.65129	0.752726	1.25288	1.25288	0.917522	0.935394	-1.06957	0.937895	1.02132	1.02132		0.637666	1.15767	1.15767	1.15767	1.009	1.009	1.009	1.009	1.009	1.009	1.009	0.348691	1.86276	0.322712	2.1504	5.85258	1
cg26424134	KCNJ5;KCNJ5	0.944727	0.878119	1.06515	1.06515	0.24424	0.6505	1.6505	0.795208	1.11292	1.11292	0.456715	1.36583	1.36583	0.826806	1.09432	1.09432		0.623202	1.21931	1.21931	0.788744	0.895422	-1.11679	0.446328	1.37614	1.37614	0.593503	1.24807	1.24807	0.321212	0.86065	2.38168	1
cg25328795	ASXL1	0.944729	0.753449	1.18791	1.18791	0.367805	1.66095	1.66095	0.704596	1.23146	1.23146	0.662591	0.786589	-1.27131	0.475594	1.48777	1.48777		0.886282	0.92527	-1.08053	0.518891	1.40557	1.40557	0.617956	0.759577	-1.31652	0.862819	0.909846	-1.09909	0.315237	1.45825	3.59792	1
cg01749753	DSCR9	0.944735	0.820631	0.843235	-1.18609	0.725134	0.408364	-2.44898	0.574328	1.02625	1.02625	0.974055	1.27244	1.27244	0.569365	1.50523	-1.99791		0.572506	0.651729	-1.53438	0.665883	0.721704	-1.38501	0.581557	0.773636	-1.29237	0.932527	0.938408	-1.06561	0.321205	0.86706	7.9342	1
cg04986673	ZFYVE1;ZFYVE1	0.944737	0.358598	1.69334	1.69334	0.801193	1.15117	1.15117	0.894798	0.928841	-1.07661	0.7482	0.835518	-1.19636	0.985785	1.67538	1.67538		0.974537	1.01797	1.01797	0.46782	1.70584	1.70584	0.859005	1.16402	0.585427	1.35978	1.35978	0.321198	1.58362	4.38252	1
cg02364518	SYNE1;SYNE1;SYNE1	0.944761	0.716236	1.40014	1.40014	0.786853	0.924161	-1.08196	0.703894	0.92094	-1.08596	0.220494	0.699547	1.43022	0.553993	1.80731	1.80731		0.609614	1.48229	1.48229	0.49597	1.49507	1.49507	0.647864	1.58515	1.58515	0.387183	1.13892	1.13892	0.555721	0.9047	1.53473	1.49045	1.49045	1
cg02503395	C8orf73	0.944773	0.703761	1.17494	1.17494	0.711332	1.16983	1.16983	0.976529	0.987662	-1.01249	0.797878	0.897362	-1.11438	0.769477	1.13203	1.13203		0.234831	1.69127	1.69127	?	?	?	0.671398	0.835208	-1.19731	0.934502	0.965909	-1.03529	0.302291	0.757849	2.50701	1
cg07907787	NAGPA	0.944792	0.425608	0.704604	-1.41934	0.436565	0.710699	-1.40706	0.513707	1.32384	1.32384	0.760406	0.876986	-1.14027	0.699484	0.846612	-1.18118		0.59561	1.79638	1.79638	1.25567	0.864316	1.07614	1.07614	0.929856	1.07614	1.07614	0.929856	0.789656	-1.26637	0.79005	1.12132	1.12132	0.321103	0.88898	2.21898	1
cg15290779	MMP21	0.944797	0.367761	1.45374	1.45374	0.541242	1.28416	1.28416	0.659194	1.1966	1.1966	0.874282	1.06613	1.06613	0.430141	1.50103	1.50103		0.307859	1.53243	1.53243	0.917608	1.04273	1.04273	0.967066	0.7077	1.0707	0.785133	1.11685	1.11685	0.32106	0.831582	2.30233	1
cg03593419	GABRA4;GABRA4	0.944819	0.728895	1.0882	1.0882	0.876295	1.03857	1.03857	0.453342	1.20389	1.20389	0.916394	0.974814	-1.02584	0.318742	1.28444	1.28444		0.954261	1.01403	1.01403	0.398819	1.23348	1.23348	0.865954	1.04189	1.04189	0.371007	1.25	1.25	0.321014	0.300318	0.83075	1
cg26159398	DOHD2;DOHD2;DOHD2	0.944847	0.587388	1.808277	-1.2372	0.379854	0.784572	-1.4931	0.52178	0.824242	-1.21324	0.900765	0.955479	-1.0466	0.373725	1.0304	1.0304		0.723876	0.607101	-1.64717	0.933099	0.907848	-1.10132	0.908196	1.01951	1.01951	0.893072	0.764035	-1.30893	0.705471	0.765835	2.12709	1
cg01379701	SLC11A1	0.944861	0.918752	1.02473	1.02473	0.434204	0.826067	-1.21056	0.94408	0.988342	-1.01694	0.461565	0.8357	-1.1966	0.434964	0.826339	-1.21016		0.962192	1.01142	1.01142	?	?	?	0.815984	1.05741	1.05741	0.604867	1.13314	1.13314	0.302102	0.243876	0.807263	1
cg20367421	GJA3	0.944879	0.587389	1.70312	1.70312	0.759424	0.986124	1.01407	0.73728	0.74328	-1.34588	0.511113	0.558408	-1.79081	0.723779	0.45951	-2.17555		0.98472	1.02062	1.02062	0.991317	0.988471	-1.01166	0.993977	0.55137	0.552137	0.124131	0.644554	1.55189	0.577078	0.56854	1.76508	1
cg04465286	FAM109A	0.944888	0.361693	3.36581	3.36581	0.964572	0.944128	-1.05918	0.941079	1.10041	1.10041	0.750703	1.51073	1.51073	?	?	?	0.390169	3.12614	3.12614	0.737562	0.647059	-1.54545	0.879352	1.21728	1.21728	0.279493	0.76874	23.5886	1
cg19625377	MTOR	0.944909	0.194643	0.745959	-1.34056	0.935787	1.01744	1.01744	0.60768	0.894829	-1.11753	0.859152	1.03885	1.03885	0.729529	1.07733	1.07733		0.676389	0.918591	-1.08856	0.784161	0.96144	-1.04014	0.882542	0.968772	-1.03223	0.920821	1.02231	1.02231	0.298484	0.648292	1	
cg10075346	SLC4GA1;SLC4DA1	0.944911	0.654312	1.52863	1.52863	0.745483	0.925429	-1.08181	0.902703	1.01223	1.01223	0.787904	1.10475	1.10475	0.701165	1.40503	-1.24827		0.470045	1.376722	1.376722	0.644348	0.742756	0.647858	-2.04978	1.37	1.37	0.501994	1.52142	1.52142	0.24876	1.88737	1.88737	0.301994	0.715242	24.876	1
cg24405636	ZNF526	0.944926	0.710719	0.90301	-1.10741	0.939378	0.979386	-1.02105	0.359924	0.77278	-1.29403	0.90959	0.969371	-1.0316	0.706839	1.10901	1.10901		0.610247	0.868684	-1.15117	0.270526	0.730396	-1.36912	0.822189	1.06358	1.06358	0.960661	0.986584	-1.0136	0.320784	0.380998	1.05574	1
cg19943333	AFF1;AFF1	0.944933	0.452669	0.829102	-1.20603	0.581552	0.905838	-1.10418	0.47212	0.880457	1.00021	0.846701	0.992152	-1.00783	0.992142	0.950522	-1.05142		0.831924	1.15398	1.15398	0.866772	0.836335	0.804877	1.08186	0.710506	0.947886	1.54907	0.647507	1.54383	0.321037	0.83897	0.68218	1
cg03055499	PRKCA	0.944959	0.640803	0.772869	-1.29188	0.917731	0.94101	-1.06269	0.515048	1.43612	1.43612	0.563635	0.72608	-1.37726	0.789027	0.863254	-1.15841		0.658208	0.27649	0.27649	0.290748	0.552791	-1.809	0.822812	0.921989	-1.08461	0.664417	0.787158	1.27039	0.320713	1.57202	4.2323	1
cg27609819	PLCL1	0.944987	0.630885	0.784334	-1.27497	0.770708	0.863603	-1.15794	0.842463	1.105	1.105	0.837377	0.902014	-1.10863	0.297671	0.581739	-1.71898		0.705497	0.826539	-1.20986	0.395458	1.54

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Probeset ID	UCSC_REFGENE_NAME NPHP1;NPHP1;NPHP1;NPHP1;NPHP1;N	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1317 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1417 vs. N)	Fold-Change(1417 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(1637 vs. N)	Fold-Change(1637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg08080475	PHP1;NPHP1;NPHP1	0.945975	0.568652	1.99449	1.99449	0.455544	0.398863	-2.50712	0.664684	0.59298	-1.6864	0.663716	0.592016	-1.68914	0.760137	0.692854	-1.44331		0.746325	1.4753	1.4753	0.973695	1.0403	1.0403	0.500791	0.440933	-2.26792	0.482926	2.35011	2.35011	0.318521	7.24369	20.2148	1
cg06385584	PLEKHB2;PLEKHB2	0.945975	0.742634	0.839451	-1.19125	0.534436	1.39677	1.39677	0.276422	1.82444	1.82444	0.607256	0.7593	-1.317	0.825116	0.889105	-1.12473		0.76962	0.855579	-1.1688	0.925309	0.9514418	-1.05106	0.850692	1.10526	1.10526	0.665255	0.79358	-1.26011	0.31852	1.42301	3.97116	1
cg16417937	NUDC	0.945981	0.505651	0.887397	-1.12689	0.795821	1.04659	1.04659	0.574351	1.10559	1.10559	0.83467	1.03766	1.03766	0.362885	1.17987	1.17987		0.620647	1.09226	1.09226	0.705039	1.06958	1.06958	0.582029	0.906351	-1.10333	0.662681	1.08073	1.08073	0.318506	0.15792	0.440446	1
cg24574819	GRIK2;GRIK2;GRIK2	0.945992	0.763156	0.757759	-1.31968	0.574709	0.594299	-1.68265	0.773925	1.30258	1.30258	0.879093	1.14995	1.14995	0.568755	0.41255	-2.42295		0.713694	0.713032	-1.40246	0.583854	0.660181	-1.66151	0.569831	0.590277	-1.69412	0.498618	1.87655	1.87655	0.318482	4.24933	11.8599	1
cg24119079	ZNF583;ZNF583;ZNF583	0.946001	0.833621	0.970803	-1.03008	0.935947	1.01139	1.01139	0.896702	0.981869	-1.02847	0.61409	0.70425	-1.42045	0.70425	0.879149	0.978795	-1.02166		0.866894	0.976662	-1.0239	0.25382	0.845465	-1.18278	0.512963	1.00797	1.00797	0.61784	0.931597	-1.07343	0.318444	0.100083	0.279366	1
cg07122172	B4GALNT1	0.946014	0.735889	0.886214	-1.1284	0.353002	1.40847	1.40847	0.410185	1.35055	1.35055	0.643865	1.1807	1.1807	0.99962	1.00017	1.00017		0.839858	0.93035	-1.07486	0.860722	0.9392559	-1.06467	0.716761	1.13883	1.13883	0.422147	1.33987	1.33987	0.318434	0.64209	1.79235	1
cg17032602	HS6ST1	0.946016	0.876222	0.885168	-1.13029	0.49312	0.574201	-1.74155	0.898027	0.855936	?	?	?	?	0.418224	0.513943	-1.87807		0.596864	0.653472	-1.53029	0.891599	1.11481	1.11481	0.637353	0.848881	-1.17802	0.425353	1.91335	1.91335	0.296618	2.67975	8.94388	1
cg14334643	BBS10;BBS10	0.946019	0.73806	1.04029	1.04029	0.497679	0.922169	-1.0844	0.998955	1.00698	1.00698	0.531123	1.07752	1.07752	0.440906	0.59507	-1.09507		0.858362	1.02125	1.02125	0.921466	1.01168	1.01168	0.670039	0.950807	-1.05174	0.984121	1.90761	1.90761	0.318425	0.069851	0.19499	1
cg11930114	LOC645323;LOC645323	0.946019	0.684657	0.86207	-1.16	0.426728	0.744532	-1.34312	0.765455	1.11489	1.11489	0.577949	1.22668	1.22668	0.716913	0.876022	-1.14152		0.44502	1.32712	1.32712	0.579645	1.22554	1.22554	0.717194	1.14137	1.14137	0.750522	1.12294	1.12294	0.318424	0.666376	1.86021	1
cg23230503	CD44;CD44;CD44;CD44;CD44	0.946023	0.537787	1.38071	1.38071	0.934916	1.1413	1.1413	0.599583	1.758223	1.758223	0.813387	1.34111	1.6607	1.6607	0.539636	1.663444	1.663444		0.946677	1.03519	1.03519	0.955156	0.973341	-1.0205	0.890946	0.934958	-1.07	0.968202	0.979599	-1.02083	0.318415	1.34831	3.76395	1
cg27086024	TMEM229B	0.946025	0.337287	1.88062	1.88062	0.778657	0.835349	-1.1971	0.709323	1.27007	1.27007	0.68398	0.770064	-1.29859	0.79839	1.17753	1.17753		0.840136	1.13764	1.13764	0.863853	1.80384	1.80384	0.463207	1.61081	1.61081	0.80726	1.08598	1.08598	0.318412	2.05567	5.73868	1
cg00191283	RBM10;CSBL2;CCBL2;RBM10L1	0.946033	0.671664	0.888051	-1.12606	0.262933	0.722355	-1.36605	0.585942	0.826797	-1.16552	0.808454	0.934924	-1.03997	0.460766	0.811006	-1.23258		0.762818	1.08794	1.08794	0.897422	0.964721	-1.03657	0.963329	0.982729	-1.01289	0.43826	0.79855	-1.25127	0.318394	0.930189	1.09317	1
cg04056757	GRB2;GRB2	0.946037	0.697432	0.822472	-1.21585	0.969644	1.01922	1.01922	0.485037	1.24607	1.24607	0.864071	1.08949	1.08949	0.761948	0.859006	-1.16414		0.835129	1.10988	1.10988	0.901993	1.06357	1.06357	0.230407	1.87649	1.87649	0.728742	1.84016	1.84016	0.318386	1.2618	3.52277	1
cg16563180	MAFK	0.94604	0.835573	1.04121	1.04121	0.832038	1.04214	1.04214	0.826499	1.0437	1.0437	0.516962	1.13619	1.13619	0.858325	1.03533	1.03533		0.186299	1.31295	1.31295	0.641845	1.03968	1.03968	0.879566	1.0299	1.0299	0.813779	0.190412	0.190412	0.533613	1
cg18489126	ATAD5	0.946042	0.811974	1.07703	1.07703	0.969007	0.987055	-1.01311	0.954773	0.983798	1.01655	0.710731	1.13123	1.13123	0.853785	1.31615	1.31615		0.332852	1.33237	1.33237	0.78287	0.925421	-1.08059	0.981151	1.00683	1.00683	0.390876	1.2887	1.2887	0.318375	0.418057	1.1672	1
cg13873100	WBSCR27	0.946104	0.316129	1.30259	1.30259	0.848891	0.951266	-1.05123	0.513091	1.18434	1.18434	0.90784	1.02998	1.02998	0.602647	1.14336	1.14336		0.60409	1.14274	1.14274	0.950642	1.01591	1.01591	0.670571	0.896607	-1.11532	0.592595	0.871302	-1.14771	0.318239	0.327917	0.915921	1
cg24568594	UBAD1	0.946164	0.275628	0.755006	-1.32449	0.924383	1.08403	1.08403	0.48032	0.837125	-1.19456	0.813172	1.02642	1.02642	0.351774	0.790846	-1.26447		0.888883	1.03525	1.03525	0.991418	1.02607	1.02607	0.929126	0.944852	-1.05837	0.799121	0.938766	-1.06523	0.31811	0.309352	0.864417	1
cg24729418	PRICKLE2	0.946172	0.517297	1.50551	1.50551	0.440687	1.63626	1.63236	0.321227	1.89399	1.89399	0.620477	1.3649	1.3649	0.161454	1.50616	1.50616		0.407291	1.69601	1.69601	0.455163	1.60651	1.60651	0.507319	1.52076	1.52076	0.604098	1.38541	1.38541	0.318092	1.95664	5.45741	1
cg01644623	YIPM1	0.946173	0.870285	0.886118	-1.12852	0.643803	1.41125	1.41125	0.728376	1.29425	1.29425	0.291399	1.24777	1.24777	0.386159	1.92946	1.92946		0.488824	1.6824	1.6824	0.435877	1.80056	1.80056	0.863486	1.13578	1.13578	0.830049	1.17236	1.17236	0.31809	2.75733	7.70522	1
cg14260418	BNIP3	0.946181	0.492431	1.27881	1.27881	0.753425	1.18314	1.18314	0.442628	0.944528	0.944528	-1.05985	0.611128	0.804323	-1.24353	0.792415	1.13517	1.13517		0.642072	0.847784	-1.17955	0.637225	1.18243	1.18243	0.692027	0.870407	-1.148	0.806368	0.917013	-1.0905	0.318073	0.626918	1.75199	1
cg08114293	TMEM111;TMEM111	0.946183	0.482906	0.868836	-1.15097	0.547301	1.12758	1.12758	0.72083	1.07331	1.07331	0.918954	1.02027	1.02027	0.577105	1.11747	1.11747		0.55642	0.889326	-1.12445	0.451911	1.16312	1.16312	0.705039	1.07786	1.07786	0.653559	1.09316	1.09316	0.318068	0.195837	0.547295	1
cg03782556	HMGN4	0.946196	0.96776	0.978827	-1.02688	0.908893	1.04124	1.04124	0.728356	1.08477	1.08477	0.864	1.08641	1.08641	0.237144	2.25404	2.25404		0.809395	1.17204	1.17204	0.698559	1.29094	1.29094	0.771522	1.21044	1.21044	0.994689	1.00438	1.00438	0.318067	2.16021	6.6022	1
cg23593145	KCNC4;KCNC4;KCNC4	0.946193	0.586808	1.17823	1.17823	0.87327	1.04887	1.04887	0.891964	0.960197	-1.04145	0.306765	1.37197	1.37197	0.595626	1.17362	1.17362		0.969454	1.08862	-1.01151	0.794789	0.925049	-1.08102	0.311114	1.36783	1.36783	0.839408	1.06252	1.06252	0.318047	0.450002	1.25768	1
cg22753607	ZCCHC7	0.9462	0.237997	0.603187	-1.65786	0.841512	0.92138	-1.08533	0.353619	0.679146	-1.47244	0.763591	0.881938	-1.1313	0.697794	0.84388	-1.185		0.945777	1.02821	1.02821	0.954398	0.97889	-1.02156	0.985811	0.992753	-1.0073	0.739292	1.14636	1.14636	0.318032	0.842534	2.35486	1
cg01525840	CBR3	0.946205	0.510631	1.33525	1.33525	0.716445	1.08645	1.08645	0.752196	1.14031	1.14031	0.857867	0.972344	0.972344	0.644602	1.08736	1.08736		0.863431	1.18302	1.18302	0.748838	1.10457	1.10457	0.768645	1.08465	1.08465	0.768645	1.08465	1.08465	0.318031	0.473342	1.32182	1
cg07242805	MXD4	0.946211	0.393745	1.4832	1.4832	0.42095	1.44917	1.44917	0.727747	0.854102	-1.17082	0.913181	1.05044	1.05044	0.579653	0.776884	-1.28719		0.95379	0.974189	-1.02649	0.810979	0.897424	-1.1143	0.614897	0.795405	-1.25722	0.631315	1.24381	1.24381	0.318009	1.02555	2.86658	1
cg09139956	RLIP12	0.946228	0.949948	1.01585	1.01585	0.362865	1.32363	1.32363	0.60762	1.1482	1.1482	0.660454	1.15455	1.15455	0.592139	1.1692	1.1692		0.885386	1.05325	1.05325	0.991418	1.02607	1.02607	0.929126	0.944852	-1.05837	0.799121	0.938766	-1.06523	0.31811	0.309352	0.864417	1
cg16962976	LOC100302401;RASAL2	0.946231	0.621823	1.14004	1.14004	0.722909	1.08939	1.08939	0.491852	0.831907	-1.20206	0.736866	0.914939	-1.09297	0.507222	1.19417	1.19417		0.608777	1.82772	1.82772	1.14577	0.470888	0.824191	-1.21331	0.932781	1.08247	1.08247	0.318005	0.349939	0.978278	1
cg04678219	KIF16B	0.946254	0.746521	0.906304	-1.10338	0.352713	0.748199	-1.33654	0.963875	0.986355	-1.01383	0.544829	0.830351	-1.20431	0.405493	0.772465	-1.29456		0.759742	0.91115	-1.09751	0.306213	0.725166	-1.37899	0.846334	0.942843	-1.06062	0.879891	1.04694	1.04694	0.317914	0.463312	1.29542	1
cg03498306	RABEPLB;RABEP1	0.946264	0.721821	1.12517	1.12517	0.78414	0.98434	1.05442	0.202928	0.894668	1.05442	0.202928	0.894668	1.05442	0.202928	0.894668	1.05442		0.862009	0.94422	-1.05955	0.878079	1.17763	1.17763	0.238462	0.878079	-1.13912	0.348892	0.878079	-1.13912	0.348892	0.878079	-1.13912	0.348892	0.317455	0.153223	1
cg01893014	TEAD3	0.946265	0.615213	1.31712	1.31712	0.807582	0.875605	-1.14181	0.634626	0.770906	-1.29718	0.560961	1.37646	1.37646	0.816532	0.883344	-1.13463		0.908788	0.939612	-1.06427	0.489364	1.46474	1.46474	0.330141	1.72661	1.72661	0.634756	1.29704	1.29704	0.31789	1.48712	4.15831	1
cg00696825	ANXA6;ANXA6	0.946301	0.487634	1.28483	1.28483	0.758954	0.919515	-1.14954	0.698402	0.918321	-1.08835	0.783048	0.923421	-1.08309	0.588138	0.956501	-1.04536		0.46137	2.4528	2.4528	0.705768	1.44298	1.44298	0.598114	1.16837	1.16837	0.545261	1.2498	1.2498	0.317852	0.640732	2.04262	1
cg10725301	ZKSCAN3	0.946306	0.936149	0.978393	-1.02208	0.714209	0.904591	-1.10547	0.50764	1.20111	1.20111	0.980343	0.993308	-1.00674	0.469666	0.81829	-1.22206		0.961952	1.01309	1.01309	0.639664	1.13718	1.13718	0.410375	1.25799	1.25799	0.55706	0.850517	-1.17576	0.3178	0.3740898	1.04635	1
cg26932976	KIAA0664	0.946334	0.79006	0.920022	-1.08634	0.755036	1.10201	1.10201	0.442958	0.784447	-1.27478	0.997876	1.00081	1.00081	0.611747	1.17218	1.17218		0.823444	0.932995	-1.07182	0.505969	1.233	1.233	0.45215	1.26836	1.26836	0.515496	1.2271	1.2271	0.317741	0.484728	1.35604	1
cg16398628	LIPA;LIPA	0.946336	0.706572	1.0981	1.0981	0.578257	0.998257	1.00175	0.99175	0.65939	1.07805	0.926396	0.826086	1.06344	0.602925	1.18244	1.18244		0.238444	0.52441	-1.90648	0.16051	1.01051	1.01051	0.897282	0.815179	-1.22672	0.804731	0.878543	-1.13825	0.317735	1.17515	3.8471	1
cg02302025	ZNF444	0.946343	0.53158	0.775532	-1.28944	0.80493	1.10436	1.10436	0.671206	1.18683	1.18683	0.768664	0.888415	-1.1256	0.7756	0.891679	-1.12148		0.440718	1.37081	1.37081	0.775252	1.12169	1.12169	0.828852	1.09073	1.09073	0.367051	0.685955	-1.45022	0.317721	0.809768	2.26549	1
cg00530991	CUP2	0.946345	0.954004	1.04453	1.04453	0.937201	1.03109	1.03109	0.552963	0.746098	-1.34031	0.897867	0.972344	1.03442	0.604898	1.17931	1.17931		0.545504	1.08457	1.08457	0.914344	1.05702	1.05702	0.814409	0.976239	-1.02469	0.876227	1.14402	1.14402	0.317698	0.288097	0.836448	1
cg15386350	PTCHD2	0.946391	0.251382	3.3524	3.3524	0.424191	2.27939	2.27939	0.563315	1.8360	1.80364	0.539851	1.87107	1.87107	0.657856	1.19869	1.19869		0.860924	1.19365	1.19365	0.885055	0.86414	-1.15722	0.974886	0.206433	0.26435	1.24831	1.24831	0.317616	1.52587	14.3454	1
cg24598678	APPL1	0.946404	0.663815	-1.15099	0.49075	1.28095	1.28095	0.600338	1.20562	1.20562	0.798099	0.913313	-1.09491	0.660277	1.16936	1.16936			0.467641	0.77924	-1.2833	0.792501	1.09775	1.09775	0.476726	0.774189	-1.29167	0.69638	0.870477	-1.1488	0.317588	0.629377	1.76154	1
cg23712458	RPH3AL	0.946416	0.458936	1.35404	1.35404	0.693707	1.09109	1.09109	0.552963	0.746098	-1.34031	0.897867	0.972344	1.03442	0.604898	1.17931	1.17931		0.545504	1.08457	1.08457	0.914344	1.05702	1.05702	0.814409	0.976239	-1.02469	0.876227	1.14402	1.14402	0.317698	0.288097	0.836448	1
cg23442468	GCHFR	0.946444	0.92418	0.977824	-1.02268	0.74109	0.98125	0.98125	0.868838	0.1097	0.1097	0.514395	0.855761	-1.16855	0.533538	1.16016	1.16016		0.317258	2.7578	2.7578	0.979033	0.993535	-1.00651	0.568285	0.872964	-1.14552	0.746699	1.07832	1.07832	0.317305	0.27908	0.783126	1
cg01948570	UBAC1;LOC550112	0.946447	0.491276	1.35102	1.35102	0.701241	1.11831	1.11831	0.576129	1.08076	1.08076	0.854519	1.19442	1.19442	0.697013	1.09026	1.09026		0.938063	1.06746	1.06746	0.844515	1.0442	1.0442	0.698538	0.997879	-1.00213	0.998993	0.918024	-1.0893	0.261971	0.29477	0.868686	1
cg23463786	RPTOR;RPTOR	0.946464	0.595555	1.42555	1.42555	0.988786	1.00934	1.00934	0.339458	0.91862	0.91862	0.900116	0.88666	0.88666	0.391719	1.78742	1.78742		0.588859	1.43498	1.43498	0.389921	1.79156	1.79156	0.906592	0.925254	-1.08078	0.857199	0.887623	-1.1266	0.317458	2.02031	6.16651	1
cg08855288	MIAIP3;MKAIN3	0.946485	0.992252	1.00226	1.00226	0.709468	0.916158	-1.09152	0.682154	1.00075	1.00075	0.612011	0.887206	-1.12713	0.641833	0.896334	-1.11584		0.947811	1.07406	1.07406	0.875619	0.919332	-1.08775	0.252708	0.756134	-1.32252	0.374143	0.925216	0.970719	1
cg18350702	MND1	0.946494	0.638664	1.27477	1.27477	0.746824	1.06484	1.06484	0.778072	1.18735	1.18735	0.574474	0.852463	1.53265	0.823563	0.814246	-1.31146		0.927464	0.93427	-1.07035	0.738459	0.794761	-1.25798	0.511676	0.615941	-1.62353	0.910974	0.919876	-1.0871	0.317404	2.80283	8.9312	1
cg19355087	NKX6-2	0.946492	0.730187	0.808814	-1.23638	0.370825	1.75632	1.75632	0.962496	1.02924	1.02924	0.718421	1.24847	1.24847	0.874944	1.10134	1.10134		0.918946	0.935521	-1.06437	0.852357	1.12096	1.12096	0.234108	2.14788	2.14788	0.936019	0.948028	-1.05482	0.317396	1.88828	5.28825	1
cg13583183	ADHFE1	0.946497	0.783597	1.09405	1.09405	0.614094	0.884145	-1.13457	0.960219	0.95987	-1.04181	0.674724	0.868831	-1.15097	0.564614	0.823675	-1.21407		0.94781	1.07429	-1.02025	0.82752	0.840691	-1.46929	0.708461	0.882367	-1.13332	0.545498	1.22607	1.22607	0.317387	0.557826	1.56228	1
cg24941457	CSMD2	0.946514	0.880951	1.17188	1.17188	0.879684	1.09977	1.09977	0.737869	0.809865	-1.23477	0.769377	0.831448	-1.20272	0.637819	0.74256	-1.34669		0.898875	0.923278	-1.0831	0.655444	1.32575	1.32575	0.21896	2.25179	2.25179	0.754329	1.21786	1.21786	0.317348	0.98126	5.5495	1
cg06241792	C12orf39	0.946532	0.815494	1.13479	1.13479	0.834375	0.949548	-1.20086	0.753063	0.798705	-1.25203	0.6214	1.14092	1.14092	0.979995	1.01802	1.01802		0.631513	1.41076	1.41076	0.971533	0.52026	-1.92212	0.899717	0.910016	-1.09888	0.729317	0.817383	-1.22342	0.317309	0.54682	1.7401	1
cg06413794	AAC5	0.946554	0.685214	1.23934	1.23934	0.240705	2.17274	2.17274	0.514553	1.48791	1.48791	0.645759	1.63403	1.63403	0.832317	1.14334	1.14334		0.609681	1.47	1.47	0.607378	1.45484	1.45484	0.427837	1.45484	1.45484	0.427837	1.66767	0.850578	1.12653	1.31763	0.317262	2.00553	6.61899	1
cg10196665	TCEANC	0.946554	0.473609	0.515867	-1.93848	0.27943	0.360158	-2.77656	0.927426	0.920594	-1.08625	0.702104	0.741765	1.41765	0.477	0.907	0.515142	-1.86866		0.639854	0.651825	-1.53415	0.751383	1.33463	1.33463	0.770503	0.766707	-1.30428	0.942407	0.963102	1.03784	0.317253	0.104822	0.32511	1
cg05655837	?	0.946572	0.615943	1.3069	1.3069	0.687307	0.832606	-1.20126	0.715826	0.703	-1.42267	0.706557	0.650703	-1.49117	0.708252	0.877	0.539209	-1.85367		0.449843	1.68223	1.68223	0.20392	2.21708	2.21708	0.848792	1.84634	1.84634	0.541864	2.49842	2.49842	0.563102	1.81436	1.84634	0.541864	1.64612	1
cg10504737	GPATCH3	0.946582	0.921618	0.980698	-1.01968	0.885458	1.02896	1.02896	0.752022	0.939156	-1.06479	0.977115	0.994484	-1.00555	0.543267	0.885283	-1.12958		0.864135	0.966653	-1.0345	0.850181	1.03816	1.03816	0.283682	1.24679	1.24679	0.427496	1.17402	1.17402	0.317201	0.197013	0.552086	1
cg24533466	SSBP3;SSBP3;SSBP3	0.946592	0.596806	1.62029	1.62029	0.458315	1.99962	1.99962	0.474079	1.92851	1.92851	0.39411	2.20135	2.20135	0.460946	1.16046	1.16046		0.610691	1.59062	1.59062	0.667858	0.676907	-1.47731	0.495543	1.97534	1.97534	0.581297	1.65455	1.65455	0.317179	4.10505	11.5043	1
cg03520644	CDL11A1;CDL11A1;CDL11A1;CDL11A1	0.946618	0.5592	0.596993	-1.67506	0.5201	0.565823	-1.76734	0.527717	1.74865	1.74865	0.747979	0.754595	-1.32521	0.598412	0.628626	-1.59077		0.390743	0.463887	-2.1557	0.545525	0.586055	-1.70633	0.549356	0.580115	-1.69746	0.947137	1.05963	1.05963	0.317122	3.83162	10.74	1
cg20301722	ELOVL1	0.946624	0.472891	1.41404	1.41404	0.463742	1.49149	1.49149	0.54154	0.889196	0.94533	-1.12514	0.682576	0.682576	0.622613	0.835579	-1.19717		0.947814	0.89949	-1.11202	0.826478	0.960512	-1.04095	0.912782	1.13247	1.13247	0.882317	1.13247	1.13247	0.882317	0.675242	1.48095	0.675242	1.48095	0.317112	0.700019	0.626485	-1.59621	0.749312	0.675242	1.48095	0.317112	0.700019	0.626485	-1.59621	0.749312	1
cg14825094	ADA;STRADA	0.946628	0.524366	1.46826	1.46826	0.293134	1.91408	1.91408	0.614952	1.35248	1.35248	0.88041	0.914274	-1.09376	0.658526	1.30315	1.30315		0.687982	0.786366	-1.27167	0.840294	0.886815	-1.12763	0.837337	0.785949	-1.27235	0.680361	1.27968	1.27968	0.317081	1.77989	4.98934	1
cg00363486	C18orf22	0.946649	?	?	?	0.456953	0.495462	-2.01832	0.886668	1.14133	1.14133	0.379565	2.30625	2.30625	?	?	?		0.888614	0.878176	-1.13872	0.999977	1.00003	1.00003	0.707459	0.705061	-1.41832	0.801707	1.26273	1.26273	0.275726	2.91874	12.0979	1
cg02487020	RPAP1;RPAP1	0.946657	0.586262	1.37355	1.37355	0.92661	1.05465	1.05465	0.834494	1.12844	1.12844	0.84805	1.11716	1.11716	0.272155	1.93495	1.93495		0.540191	1.43068	1.43068	0.282758	1.90526	1.90526	0.651107	1.30073	1.30073	0.744214	1.20815	1.20815	0.317036	1.67488	4.60503	1
cg21182616	KIAA1530	0.946671	0.968917	1.03209	1.03209	0.836266	0.912527	-1.12073	0.523949	0.845297	-1.18302	0.661294	0.960333	-1.04157	0.724355	1.1332	1.1332		0.65247	1.38154	1.38154	0.634828	1.61447	1.61447	0.317009	0.388395	1.60805	1.60805	0.317009	0.388395	1.60805	1.60805	0.317009	0.388395	1.60805	1.60805	0.317009	0.388395	1.60805	1.60805	0.317009	0.388395	1.60805	1.60805	0.317009	0.388395	1.60805	1.60805	0.317009	0.388395	1.60805	1.60805	0.317009	0.388395	1.60805	1.60805	0.317009	0.388395	1.60805	1
cg05172068	BTN2A3	0.946697	0.573565	1.18658	1.18658	0.502696	0.814948	-1.22707	0.936314	1.02433	1.02433	0.990103	1.00373	1.00373	0.328878	1.35412	1.35412		0.780881	1.08754	1.08754	0.745257	0.803796	-1.2441	0.98601	1.00529	1.00529	0.868226	0.65122	1.05122	0.316949	0.454272	1.27401	1
cg08803072	SLC38A10;SLC38A10	0.946706	0.767326	1.06151	1.06151	0.505053	0.814803	-1.22859	0.569	0.756853	1.3264	0.978534	0.970625	-1.03056	0.664597	0.767373	0.74301		0.565685	0.959436	1.68513	0.917349	0.912443	1.09443

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1407 vs. N)	Fold-Change(1 vs.1407)	p-value(105T 047 vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T 477 vs. N)	Fold-Change(353T vs. N)	p-value(527T 537 vs. N)	Fold-Change(527T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg08615594	KCTD18;KCTD18	0.947919	0.889306	0.929792	-1.07551	0.470282	0.46807	0.46807	0.878297	1.08339	0.186302	0.614742	-1.56017	0.677367	0.803554	-1.24447	0.609957	0.764192	-1.30857	0.68209	0.80532	-1.24174	0.552048	1.30896	1.36956	0.927804	1.04851	1.04851	0.31427	1.35989	3.84665	1
cg23383483	KCNJ5	0.947937	0.580287	1.31043	1.31043	0.865197	0.921046	-1.08572	0.762657	1.1579	0.15279	0.792873	0.880398	-1.13585	0.42493	0.674072	0.379514	1.54709	1.54709	0.730077	1.18252	1.18252	0.772081	0.868851	-1.15094	0.603281	1.2889	1.2889	0.314229	1.16605	3.2985	1
cg27499860	MAPK15;MAPK15	0.947965	0.97388	1.01211	1.01211	0.525549	1.26688	1.26688	0.354865	0.704684	-1.41908	0.998873	0.999481	-1.00052	0.570385	0.809856	-1.23479	0.763445	0.894942	-1.11739	0.771128	0.898354	-1.11315	0.524226	0.788729	-1.26786	0.445424	0.751228	-1.33115	0.314167	0.672867	1.90377	1
cg02063248	C14orf64	0.947988	0.503322	0.532642	-1.87743	0.630505	0.638	-1.5674	0.392039	2.25524	2.25524	0.822454	1.33125	1.23175	0.64531	0.650614	-1.53701	0.790205	0.780041	-1.28057	0.413128	0.461854	-2.16519	0.976425	0.972997	-1.02778	0.88543	1.14306	1.14306	0.314117	4.27897	12.1086	1
cg00692462	AIAP1;LAIP1	0.948035	0.616885	1.35302	1.35302	0.837548	1.13096	1.13096	0.781978	1.18092	1.18092	0.450308	1.58581	1.585581	0.665056	1.29837	1.29837	0.515089	1.48537	1.48537	0.243139	2.14024	2.14924	0.468006	1.55536	1.55536	0.670405	1.29256	1.29256	0.314015	1.7887	5.05852	1
cg18923933	DSCC1	0.948039	0.991903	0.976799	-1.02375	0.50449	0.83525	-1.20446	0.40515	1.26357	1.26357	0.517128	1.8349442	-1.19769	0.580089	0.860892	-1.16159	0.781663	1.0793	1.0793	0.497194	0.82752	-1.20843	0.873833	1.04661	1.04661	0.906494	0.96824	-1.0328	0.934005	0.375182	1.06207	1
cg18649979	ZNF429	0.948061	0.637562	1.1099	1.1099	0.479791	0.853979	-1.17099	0.651723	0.904978	-1.105	0.626257	1.11388	1.11388	0.966168	0.990723	-1.00936	0.864245	1.03832	1.03832	0.377202	0.819458	-1.22032	0.649323	0.904302	-1.10582	0.66121	1.10175	1.10175	0.313957	0.240092	0.679758	1
cg13721644	PTPN23	0.948071	0.573828	0.784899	-1.36075	0.484573	0.626863	-1.58765	0.564752	1.06927	1.06927	0.764752	1.17664	1.17664	0.432463	0.647771	-1.54375	0.901205	0.9349	-1.06963	0.674975	0.674497	-1.48293	0.616888	0.772802	-1.29399	0.644864	1.28603	1.28603	0.313934	1.46074	4.196	1
cg00477978	HPX	0.948113	0.546334	0.801886	-1.24706	0.955575	0.983548	-1.01703	0.634544	1.04098	-1.24708	0.955743	0.75216	-1.32035	0.634544	1.04098	-1.38997	0.37138	1.39366	1.39366	0.536156	1.20923	1.02923	0.68557	0.863118	-1.15898	0.738428	0.993102	-1.00695	0.313841	0.65009	1.84124	1
cg13617248	DSCR3	0.948115	0.636902	1.15141	1.15141	0.8263	1.06734	1.06734	0.483198	1.23529	1.23529	0.994804	1.00193	1.00193	0.610836	0.858837	-1.16437	0.350039	1.33007	1.33007	0.364129	1.31855	1.31855	0.991825	1.00304	1.00304	0.952295	1.0179	1.0179	0.313837	0.437027	1.2378	1
cg00749933	TRIM62	0.948154	0.900956	0.955275	-1.04623	0.476897	1.14251	1.14251	0.684143	1.15743	1.15743	0.859279	0.942394	1.06113	0.623204	0.776482	-1.28801	0.533124	1.25532	1.25532	0.572389	1.22773	1.22773	0.875094	0.96001	-1.04211	0.941248	1.30212	1.30212	0.313782	0.644949	2.82675	1
cg16258702	TECPR2	0.948215	0.731595	0.765134	-1.30696	0.275235	0.241712	2.41712	0.469029	1.77317	1.77317	0.942917	1.05726	1.05726	0.856793	1.15079	1.15079	0.581885	1.54095	1.54095	0.629863	1.45851	1.45851	0.960968	0.962664	-1.03878	0.687038	0.729863	-1.37012	0.313759	0.30403	8.51052	1
cg16898960	BUD23;BUD23	0.948153	0.543763	0.63812	1.63812	0.592902	1.21935	1.72255	0.469027	1.1065	1.1065	1.0065	?	?	?	?	?	0.908192	0.911834	1.0967	1.0967	1.26888	1.26888	1.26888	?	?	?	0.520273	0.592559	-1.6876	0.262697	1.97264	6.43645	1
cg16434190	EHD1	0.948171	0.575224	0.670556	-1.4913	0.856086	0.879725	-1.13672	0.951506	0.957978	-1.04387	0.88447	0.90246	-1.10808	0.518234	0.629805	-1.58779	0.341265	0.500463	-1.99815	0.76266	0.822676	-1.21555	0.237657	0.417617	-2.39454	0.842952	0.860342	-1.15029	0.313714	2.47565	7.0146	1
cg21140054	SSI8L2	0.948175	0.510632	0.86049	-1.16213	0.917041	0.976812	-1.02374	0.71484	0.920695	-1.08614	0.435561	1.19617	1.19617	0.583252	0.882706	-1.13288	0.660435	0.905249	-1.10467	0.356201	0.80762	-1.23821	0.672111	0.908589	-1.10061	0.783698	0.939921	-1.06392	0.313705	0.251912	0.713796	1
cg10116432	NT5C2;NT5C2	0.948318	0.702113	0.855302	-1.16918	0.983963	1.00821	1.00821	0.468151	1.46592	1.46592	0.747852	1.07437	1.07437	0.861331	1.16126	1.07959	0.858024	1.08203	1.08203	0.776959	1.12445	1.12445	0.954648	1.02731	1.02731	0.816933	1.23192	1.23192	0.313693	0.821875	2.32888	1
cg11958495	CD247;CD247	0.948181	0.990891	1.00584	1.00584	0.787302	1.14788	1.14788	0.893317	0.933861	-1.07082	0.59596	1.31377	1.31377	0.231543	0.528898	-1.89072	0.672543	0.805086	-1.2421	0.78367	0.869056	-1.15067	0.696837	0.819003	-1.221	0.716862	1.20411	1.20411	0.313692	1.29214	3.66144	1
cg22381774	FDXACB1;C11orf1;FDXACB1	0.948184	0.425964	1.88943	1.88943	0.864724	1.14277	1.14277	0.733615	0.762983	-1.31064	0.642136	1.44238	1.44238	0.40937	0.59499	-1.68049	0.437292	1.85928	1.85928	0.353122	0.783262	-1.27998	0.749781	0.779458	-1.28459	0.681927	1.38061	1.38061	0.313684	3.04343	8.6242	1
cg13304035	MAP7D3	0.948186	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.831446	0.638981	-1.56497	0.916882	0.809344	-1.24316	0.917251	0.804404	-1.24316	0.727395	14.8142	62.145	1
cg16630989	ZFHX3;ZFHX3	0.948241	0.66059	0.639831	-1.56291	0.836701	1.23192	1.23192	0.641324	1.60662	1.60662	0.50188	0.502182	-1.99131	0.469908	0.475705	-2.10214	0.392713	0.412766	-2.42268	0.6677	0.646315	-1.54723	0.996669	0.99579	-1.00423	0.655083	1.57522	1.57522	0.313558	5.07193	14.3782	1
ch.12.1048628CSMNP2	CSMNP2	0.948284	0.932021	1.05541	1.05142	0.412716	0.611272	1.61093	0.303537	0.534549	-1.87074	0.915583	0.959584	-1.04214	0.810434	0.858275	-1.16571	0.565513	1.40696	1.40696	0.41739	1.12641	1.12641	0.874987	1.09933	1.09933	0.63594	0.755582	-1.32348	0.313464	1.71494	4.86306	1
cg24715315	PCNXL2	0.948286	0.386302	0.839784	-1.19078	0.928672	0.982551	-1.01776	0.966514	0.999141	-1.00086	0.522296	0.880297	-1.13598	0.407164	1.15541	1.15541	0.929031	1.01767	1.01767	0.55394	0.888955	1.12492	0.733113	1.06961	1.06961	0.683426	1.08395	1.08395	0.313438	0.191802	0.544193	1
cg20775840	GSBP1;GSBP1	0.948287	0.842309	0.90614	1.10351	0.703268	0.95981	1.04606	0.764866	0.723871	0.872019	-1.14676	0.857425	1.07198	0.842754	1.18705	1.18705	0.724214	0.95001	1.05101	0.794345	0.720266	0.80741	1.23898	0.882	1.0812	0.812186	1.09625	1.09625	0.313337	0.308973	0.20925	1
cg23711422	C21orf121	0.948327	0.83448	0.861105	-1.1613	0.635072	0.710574	-1.40731	0.491913	1.64684	1.64684	0.906293	1.0878	1.0878	0.673892	0.738986	1.35321	0.377668	0.523661	-1.90963	0.576781	0.668353	-1.49622	0.693804	0.753686	-1.32681	0.596875	1.46442	1.46442	0.313369	2.53485	7.19025	1
cg21547060	CGGBP1;CGGBP1	0.948329	0.679619	0.932714	-1.07214	0.388036	1.15997	1.15997	0.874781	1.02681	1.02681	0.816738	1.03971	1.03971	0.580316	1.09821	1.09821	0.553251	1.10584	1.10584	0.882052	1.02522	1.02522	0.956618	1.07718	1.07718	0.285929	1.20429	1.20429	0.313363	0.119634	0.396086	1
cg05414545	CAPRIN1;CAPRIN1	0.948334	0.564656	1.77103	1.77103	0.946537	1.04619	1.04619	0.782896	1.23628	1.23628	0.176299	1.13103	1.13103	0.574209	1.13103	1.13103	0.877593	1.14009	1.14009	0.705382	1.41728	1.41728	0.805884	1.24076	1.24076	0.924217	1.08146	1.08146	0.313352	0.235948	0.669316	1
cg22448930	PRC2B5	0.948336	0.275216	0.493021	-2.02831	0.576176	0.703406	-1.42165	0.465644	0.629668	-1.58834	0.374471	0.566705	-1.76459	0.66798	0.764282	-1.30842	0.607139	0.720328	-1.38826	0.933726	1.05318	1.05318	0.787313	0.844953	-1.1835	0.956739	0.96677	-1.03437	0.313349	1.92612	5.46389	1
cg05728596	GPBAR1;GPBAR1;GPBAR1	0.948367	0.542829	0.78209	-1.27907	0.629458	0.875147	-1.14257	0.554685	0.67475	-1.48203	0.794808	0.857745	-1.16625	0.496537	0.739809	-1.35162	0.817417	1.0144	1.0144	0.903854	0.867843	1.15228	0.868357	0.778861	-1.28393	0.913128	0.940448	1.06351	0.313331	2.64247	1
cg13604008	GTF3C5;GTF3C5;GTF3C5	0.948376	0.420028	1.42613	1.42613	0.586608	1.26888	1.26888	0.404653	1.44395	1.44395	0.747909	0.870283	-1.14905	0.906506	1.05193	1.05193	0.382196	1.47128	1.47128	0.803088	0.897944	-1.11365	0.793317	1.11078	1.11078	0.914591	1.26295	1.26295	0.313326	0.92101	2.6134	1
cg18051361	IL21	0.948384	0.972214	0.987303	-1.01286	0.432319	0.74528	-1.34178	0.327555	0.690197	-1.44886	0.959954	1.01859	1.01859	0.860656	0.937573	-1.06658	0.541115	1.25479	1.25479	0.637152	0.840038	-1.19042	0.666732	0.853044	-1.17227	0.564962	0.807806	-1.23792	0.313243	0.667726	1.8948	1
cg25405938	CACNA1E	0.948443	0.723686	1.18851	1.18851	0.844252	1.22482	1.22482	0.710382	1.30982	1.30982	0.898839	0.974973	-1.06318	0.454999	0.744342	-1.34305	0.78893	1.14006	1.14006	0.881739	0.878517	1.13886	1.14006	0.569687	1.1225	1.1225	0.933141	1.17403	1.13264	0.313264	1.5	1
cg00711496	C19orf76;PRMT1;PRMT1;PRMT1	0.948438	0.620055	1.36214	1.36214	0.359262	1.79126	1.79126	0.19126	0.930693	0.972444	-1.02834	0.758521	1.23019	1.23019	0.580536	0.708105	-1.41222	0.597344	1.39048	1.39048	0.924792	1.06013	1.06013	0.537917	1.47062	1.47062	0.571339	0.702045	-1.42441	0.313123	1.89646	5.38366	1
cg07593126	PCCA;PCCA	0.948458	0.964488	1.0318	1.0318	0.870268	0.95983	1.0343	0.874243	1.08455	1.08455	0.788356	0.98475	-1.02337	0.663754	0.819735	-1.22019	0.722214	0.95001	1.05101	0.841653	0.91238	1.09548	1.08691	0.873496	0.938096	-1.06598	0.808525	1.10219	1.10219	0.313117	0.090496	0.042369	1
cg24825937	AMMECR1L	0.948444	0.595736	1.2603	1.2603	0.952742	0.974718	-1.02594	0.885981	0.93989	-1.06395	0.213379	1.76147	1.76147	0.964464	1.01944	1.01944	0.503258	1.34112	1.34112	0.513967	1.33106	1.33106	0.721889	1.16698	1.16698	0.849585	1.08549	1.08549	0.31312	0.952785	2.62813	1
cg07719610	CLDN2	0.948473	0.978371	1.01165	1.01165	0.679961	1.19393	1.19393	0.586636	0.790894	-1.26439	0.627944	0.831659	-1.23204	0.630473	0.812924	-1.23013	0.455134	1.38412	1.38412	0.857577	1.07978	1.07978	0.569199	1.27868	1.27868	0.487968	0.740018	-1.35132	0.313046	0.905259	2.57047	1
cg07011025	ARV1;TTC13;TTC13	0.948476	0.533753	1.84605	1.84605	0.917099	1.04656	1.04656	0.722871	0.872019	-1.14676	0.857425	1.07198	1.07198	0.842754	1.18705	1.18705	0.724214	0.95001	1.05101	0.794345	0.720266	0.80741	1.23898	0.882	1.0812	0.812186	1.09625	1.09625	0.313038	0.738915	2.09825	1
cg21857598	CD180	0.948481	0.808215	0.807089	-1.23902	0.273173	0.36602	-2.73209	0.86596	1.16054	1.16054	0.595757	0.62381	-1.603	0.657884	0.675175	-1.4811	0.36031	0.436552	-2.29068	0.487924	0.53738	-1.86088	0.645116	0.664503	-1.50488	0.762767	0.765823	-1.30579	0.31303	3.85078	10.9348	1
cg25488669	FAT2;FAT2	0.948487	0.811277	1.23247	1.23247	0.329129	1.72329	1.72329	0.708721	1.18718	1.18718	0.667125	0.749016	-1.33508	0.941322	1.06191	1.06191	0.948611	-1.05395	0.863939	1.1309	1.1309	0.903697	1.10679	1.13014	0.885234	1.14542	1.17452	0.852896	1.17938	0.579385	0.752597	0.313014	2.5262	7.17218	1
cg08270953	NAP1L1;NAP1L1	0.948489	0.564606	0.790203	-1.2655	0.814668	1.0996	1.0996	0.913413	1.03542	1.03542	0.783574	1.11777	1.11777	0.309325	0.665608	-1.50239	0.749657	0.878577	-1.1382	0.610376	0.623096	1.31076	1.60607	1.60607	1.60607	1.60607	1.60607	1.60607	1.60607	0.313009	0.81057	2.30187	1
cg11401794	FBLIM1;FBLIM1;FBLIM1	0.948522	0.355454	0.580838	-1.72165	0.784089	0.854725	-1.16997	0.911994	1.06523	1.06523	0.988896	0.992128	-1.00793	0.341145	0.570848	-1.75178	0.669234	0.782221	-1.27841	0.449401	0.643679	-1.55357	0.566403	0.718026	-1.39271	0.814821	1.1435	1.1435	0.312937	1.61902	4.55878	1
cg04627277	ZER1;ZER1;ZER1;ZER1;ZER1	0.948539	0.365591	1.88109	1.88109	0.911277	1.09297	1.09297	0.8112	1.0205	1.0205	0.787301	0.740418	-1.34988	0.612913	0.8479	-1.17949	0.779727	1.30091	1.30091	0.743894	0.964322	-1.03686	0.742992	0.873902	-1.14439	0.743052	0.852486	1.17328	0.759385	1.42792	0.313008	0.300326	0.853172	1
cg00342530	GARNL3;GARNL3	0.948561	0.532341	0.691215	-1.44673	0.574301	1.394	1.394	0.753849	1.20162	1.20162	0.929387	0.949564	-1.05311	0.442585	0.633094	-1.57954	0.69604	0.795134	-1.25765	0.516119	0.688538	-1.46879	0.581014	0.722177	-1.3847	0.6471	1.30884	1.30884	0.312851	1.68929	4.79961	1
cg00867997	ALG3;ALG3;ALG3;ALG3;ALG3	0.948562	0.772417	1.29476	1.29476	0.846144	1.08244	1.08244	0.152281	0.874541	1.14706	0.227805	1.64172	1.64172	0.410009	0.61528	-1.62503	0.858324	1.16502	1.16502	0.577328	1.16259	1.16259	0.849	1.18089	1.18089	0.661313	1.46149	1.46149	0.312847	0.821875	2.32888	1
cg03024517	EHBP1L1;EHBP1L1	0.948591	0.507502	3.29729	3.29729	0.514402	0.309367	-3.23241	0.845605	0.70755	-1.41333	0.762136	1.71373	1.71373	0.810931	1.53	1.53	0.573031	2.74709	2.74709	0.685365	2.06014	2.06014	0.799473	0.63655	-1.57097	0.397429	0.214909	-4.65313	0.312783	15.5982	44.3281	1
cg04667277	ISLR2;ISLR2;ISLR2;ISLR2	0.948626	0.548303	0.79065	1.79065	0.99001	0.410484	-2.43684	0.289191	1.29391	1.29391	0.569441	1.609851	1.609851	0.547134	0.774287	-1.29151	0.299935	0.574139	-1.74184	0.624009	0.31064	3.21984	3.21984	0.317296	0.952403	-1.05021	0.938856	0.92858	-1.07681	0.92171	0.452011	0.313128	0.703331	2.62547	1
cg05370860	MIR1181;CDC37	0.948716	1.178116	1.78116	1.78116	0.43896	-1.38596	0.439617	0.66052	2.56052	2.56052	0.375047	0.424186	-1.35745	0.503239	0.99554	-1.99554	0.950782	1.09796	1.09796	0.683698	0.8504	-1.17604	0.924303	-2.36293	0.728067	1.60447	1.60447	0.312737	1.35319	0.312693	1
cg00083139	MOBK3;MOBK3;MOBK3	0.948629	0.702422	1.15558	1.15558	0.502377	0.773805	-1.29231	0.988537	1.00543	1.00543	0.783297	1.10944	1.10944	0.426209	1.35807	1.35807	0.591618	1.22631	1.22631	0.594376	1.22441	1.22441	0.608957	1.21453	1.21453	0.387725	1.39584	1.39584	0.312699	0.702749	1.99766	1
cg14702062	ZDHHC24;ACTN3	0.948645	0.72369	1.16542	1.16542	0.796224	0.921651	-1.08501	0.987746	1.00406	1.00406	0.903097	0.962326	-1.03912	0.908369	1.10084	1.10084	0.926641	-1.07891	0.918669	1.08857	1.08857	0.923337	1.08312	1.16421	0.859955	1.16421	1.16421	0.872397	1.14645	1.1008	0.909364	1.00104	0.312663	0.492258	1.39947	1
cg26829451	SCSDL;SCSDL	0.948658	0.816827	1.14583	1.14583	0.99438	0.994087	-1.00595	0.771073	1.18671	1.18671	0.732813	0.814014	-1.22848	0.705345	1.24967	1.24967	0.843355	1.12309	1.12309	0.909203	1.06923	1.06923	0.334124	0.557402	-1.79404	0.332263	0.556068	-1.79834	0.312636	1.7045	4.84625	1
cg14407141	CHN2	0.948666	0.539255	1.68687	1.68687	0.949531	0.991582	-1.00851	0.923117	0.987147	-1.01302	0.570545	1.07985	1.07985	0.220526	1.1884	1.1884	0.785063	0.964028	-1.03731	0.987479	0.997899	-1.00215	0.889444	0.987701	-1.01064	0.816902	0.969087	-1.03107	0.31263	0.088195	0.252821	1
cg08431565	HIF4;C3orf47	0.948662	0.831294	0.956176	-1.04583	0.391328	0.831534	-1.2026	0.885761	1.0036	1.0036	0.999586	0.999891	-1.00011	0.886313	1.03051	1.03051	0.512729	1.4064	1.4064	0.399496	1.01678	1.01678	0.796449	1.0558	1.0558	0.810899	0.802838	1.24636	0.312627	0.184557	0.021137	1
cg11556592	C17orf55	0.948668	0.790952	0.880415	-1.13583	0.358326	1.60215	1.60215	0.70682	0.828167	-1.20749	0.89125	0.934015	-1.07065	0.839282	0.903631	-1.10665	0.485494	0.702105	-1.42429	0.634949	0.786579	-1.26955	0.91975	1.21486	1.21486	0.564888	1.33691	1.33691	0.312586	1.23276	3.50556	1
cg21863207	NT5D1	0.948695	0.670128	1.49162	1.49162	0.826883	1.04754	1.04754	0.727883	1.04174	1.04174	0.808859	1.33236	1.33236	0.66179	1.24419	1.24419	0.51932	1.84049	1.84049	0.778525	1.4112	1.4112	0.647427	1.119	1.119	0.552008	1.17441	1.17441	0.312557	0.189102	0.399756	1
cg07745941	RANGAP1	0.948726	0.910563	0.979536	-1.02089	0.94607	1.01253	1.01253	0.763522	0.945993	-1.05709	0.507164	1.13165	1.13165	0.360743	1.18873	1.18873	0.676752	0.925754	-1.0802	0.797387	0.953764	-1.04848	0.670671	1.08189	1.08189	0.412842	1.16656	1.16656	0.312485	0.167565	0.476652	1
cg12455562	BTN2A3	0.948735	0.749153	1.08225	1.08225	0.696005	1.03139	1.03139	0.684787	1.10578	1.10578	0.881558	1.03742	1.03742	0.24911	1.34554	1.34554	0.82637	1.22965	1.22965	0.417654	1.22637	1.22637	0.452896	0.97538	0.97538	0.315558	1.0871	1.0871	1.03464	0.300385	0.854527	1
cg20830198	PCK1	0.948737	0.600639	0.670348	-1.48578	0.586533	0.662553	-1.50931	0.62701	1.44352	1.44352	0.614423	0.988137	1.0121	0.963308	1.03	1.03	0.814082	1.19314	1.19314	0.451096	0.855645	-1.16871	0.761986	1.24679	1.24679	0.31246	2.78071	7.91059	1
cg08015503	ACSF3;ACSF3;ACSF3	0.948739	0.646398	1.18616	1.18616	0.289744	0.666235	-1.50097	0.979874	0.99072	-1.00937	0.63135	1.19563	1.19563	0.955369	0.979528	-1.0209	0.600478	1.21568	1.21568	0.537484	1.25955	1.25955	0.97626	0.980063	-1.01106	0.790627	0.906337	-1.10334	0.312455	0.974564	1.92295	1
cg22597058	DENND1B;DENND1B	0.948759	0.533157	1.43123	1.43123	0.776624	0.921651	-1.08501	0.987746	1.00406	1.00406	0.903097	0.962326	-1.03912	0.908369	1.10084	1.10084	0.926641	-1.07891	0.918669	1.08857	1.08857	0.923337	1.08312	1.16421	0.859955	1.16421	1.16421	0.872397	1.14645	1.1008	0.909364	1.00104	0.312663	0.492258	1.39947	1
cg10081604	TCTE;TTC8;TTC8	0.948763	0.793314	0.926396	-1.07945	0.979688	0.992615	-1.00744	0.289783	1.377	1.377	0.968139	0.988438	-1.01017	0.552376	1.19128	1.19128	0.762143	1.09241	1.09241	0.48722	1.22816	1.22816	0.397315	1.28705	1.28705	0.747642	1.09855	1.09855	0.312402	0.419446	1.19346	1
cg22204096	ID1	0.948794	0.581278	0.676768	1.47849	0.910657	0.921651	-1.08501	0.987746	1.00406	1.00406	0.903097	0.962326	-1.03912	0.908369	1.10084	1.10084	0.926641	-1.07891	0.628804	2.1337	2.1337	0.68706	0.784553	2.1337	2.1337	0.263774	0.502468	-1.99018	0.740293	1.21858	1.21858	0.507555	1.49141	1.49141	0.299523	0.45941	0.97205	1
cg14151682	PINK1	0.948803	0.999113	1.00066	1.00066	0.957568	1.03213	1.03213	0.911284	0.935909	-1.06848	0.798047	1.1646	1.1646	0.983296	1.01252	1.01252	?	?	?	?	?	?	?	?	?	?	0.263274	0.502468	-1.99018	0.740293	1.21858	1.21858	0.507555	1.49141	1.49141	0.299523	0.45941	0.97205	1
cg27567135	STXBP4	0.948832	0.679439	0.955705	-1.04635	0.458131	1.08717	1.08717	0.877993	1.01589	1.01589	0.864501	0.981564	-1.01878	0.401864	1.09806	1.09806	0.464371	1.08458	1.08458	0.561238	1.06615	1.06615	0.736766	0.963885	-1.03747	0.658172	1.04975	1.04975	0.312249	0.05879	0.167359	1
cg20795982	ACTR8	0.948846	0.826581	1.20972	1.20972	0.826583	1.04754	1.04754	0.727883	1.04174	1.04174	0.808859	1.33236	1.33236	0.66179	1.24419	1.24419	0

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Ratio(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Ratio(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg22563390	SOCS2;SOCS2	0.949865	0.884068	0.860824	-1.15497	0.93382	1.08547	1.08547	0.845087	0.835803	0.798272	-1.25271	0.590938	0.585218	-1.70877	0.407503	0.433165	-2.30859	0.808778	0.88191	-1.1339	0.648276	0.635402	-1.57381	0.255332	0.309549	-3.2305	0.698932	0.540964	1.4678	0.309963	4.78663	13.7267	1
cg14914519	HS3ST3B1;MGC12916	0.949869	0.932653	1.01289	1.01289	0.870518	0.97558	-1.02503	0.732513	0.949334	-1.05337	0.820668	1.03501	1.03501	0.934504	1.01331	1.01331		0.387529	1.14366	1.14366	0.978974	0.996014	-1.004	0.992399	1.00144	1.00144	0.229525	1.21056	1.21056	0.309932	0.112745	0.323355	1
cg26865127	GAIN76	0.949871	0.975346	0.972427	-1.02835	0.298198	2.65302	2.65302	0.712521	1.39775	1.39775	0.899836	1.12068	1.12068	0.624646	0.640374	-1.56232		0.705475	0.70925	-1.40994	0.433472	0.485205	-2.06098	0.89558	0.887976	-1.12616	0.973316	1.03073	1.03073	0.309926	0.410845	0.515252	1
cg25400013	ATM;NPAT	0.94989	?	?	?	0.891029	0.850401	-1.17557	0.55321	0.406695	-2.03793	0.89641	1.16648	1.16648	?	?	?	?	0.893588	?	1.11377754	2.34373	2.94373	0.701029	0.639518	-1.57649	0.77287	0.710073	-1.40831	0.258909	4.24343	14.04483	1
cg01195281	PCNA;PCNA	0.949909	0.254664	2.93284	2.93284	0.939015	1.07167	1.07167	0.981269	0.978985	-1.02147	0.44094	0.491191	-2.03587	0.954095	0.950765	-1.05178		0.646626	1.51831	1.51831	0.989121	0.987741	-1.01245	0.732549	0.73321	-1.36387	0.966373	1.0384	1.0384	0.309842	0.40611	0.51216	1
cg09418612	PNPO	0.949915	0.943523	0.977776	-1.02273	0.831437	1.06996	1.06996	0.808826	0.97992	1.02092	0.67652	0.870325	-1.14807	0.767878	0.910385	-1.09844		0.284063	0.702566	-1.42335	0.381821	0.752375	-1.32912	0.763705	1.00036	1.00036	0.674581	0.874631	1.14304	0.309829	0.493762	1.41658	1
cg15934678	GEMIN6	0.949938	0.52006	1.457	1.457	0.910016	0.936825	-1.06744	0.772103	1.18249	1.18249	0.760874	1.24367	1.24367	0.794638	0.860218	-1.1625		0.246965	0.497192	-2.01129	0.718644	1.23224	1.23224	0.935371	1.04793	1.04793	0.884408	0.919459	-1.0876	0.309776	1.63463	4.69051	1
cg17124402	NXPH3	0.94995	0.234795	0.518717	-1.92783	0.87367	1.07149	1.07149	0.782825	1.15678	1.15678	0.995985	1.00034	1.00034	0.670127	0.797833	-1.25359		0.987027	1.00861	1.00861	0.580019	0.744819	-1.34262	0.988392	0.992961	-1.0077	0.590547	1.33149	1.33149	0.309749	1.36292	3.91119	1
cg02283624	CARD	0.949972	0.668727	1.44093	1.44093	0.607265	0.847815	-1.3795	0.485062	0.800052	-1.24992	0.734696	1.5176	1.5176	0.537231	1.19942	1.19942		0.956324	1.01737	1.01737	0.918423	0.968301	-1.03274	0.996435	0.999281	-1.00172	0.340666	0.734265	1.36391	0.309701	0.484929	1.39182	1
cg18164313	PKN2;PKN2	0.949992	0.610563	1.89733	1.89733	0.731777	0.651135	-1.53578	0.486549	2.41472	2.41472	0.432622	2.71445	2.71445	0.386517	3.02499	3.02499		0.656456	1.74762	1.74762	0.845514	0.784075	-1.27539	0.951275	1.07918	1.07918	0.476622	2.46563	2.46563	0.309656	7.62577	21.8903	1
cg15799109	SMAD3;SMAD3	0.950033	0.662211	1.50945	1.50945	0.712547	0.749894	-1.49178	0.710509	1.597448	1.65066	-1.5369	0.771758	1.264636	0.607403	1.646593	1.646593		0.432178	1.90878	1.90878	0.747883	1.25706	-1.25706	0.904432	1.22006	1.22006	0.309564	3.1886	9.91581	1
cg11425449	MTRR;MTRR;FASTKD3	0.950035	0.258145	3.12124	3.12124	0.797698	0.941159	-1.06252	0.993031	0.99794	-1.00206	0.675035	1.00467	1.00467	0.79089	0.907475	1.06475		0.854267	0.949781	-1.05267	0.433362	0.79329	-1.25111	0.987783	0.92718	-1.07854	0.83729	1.05931	1.05931	0.309463	0.384867	1.10548	1
cg11770404	RPS21	0.950085	0.471581	1.54748	1.54748	0.635129	0.32978	1.32978	0.515953	0.67911	-1.47251	0.444149	0.628049	-1.59223	0.54842	0.696232	-1.4363		0.925261	0.945592	-1.05754	0.744595	0.812	-1.2152	0.720693	0.807302	-1.23869	0.947205	0.961285	-1.04027	0.309447	1.74229	5.00474	1
cg14353208	RBM33	0.950095	0.802329	0.916136	-1.09154	0.836015	1.07506	1.07506	0.673465	1.15952	1.15952	0.403566	1.3478	1.3478	0.429142	1.32559	1.32559		0.887903	0.951943	-1.05048	0.921938	1.03482	1.03482	0.928705	0.969233	-1.03174	0.409191	0.744715	1.3428	0.309425	0.597575	1.71666	1
cg18880946	GPC6	0.950155	0.455696	2.19476	2.19476	0.737235	0.826964	-1.20958	0.533549	0.784236	-1.27513	0.940099	0.983204	-1.01706	0.968502	0.995633	-1.00437		0.984013	1.03147	1.03147	0.99606	1.00839	-1.00839	0.481113	1.13514	1.13514	0.97542	1.03186	1.03186	0.892016	0.949432	1.05326	0.909294	1.07683	0.26603	1
cg02668822	SLC9A3R2;SLC9A3R2	0.950164	0.514634	1.21212	1.21212	0.58322	0.17505	1.17505	0.877214	0.955988	-1.04604	0.43584	1.26041	1.26041	0.333258	1.33717	1.33717		0.95382	1.017	1.017	0.412206	1.27645	1.27645	0.736947	1.10312	1.10312	0.555053	1.18981	1.18981	0.309269	0.415113	1.1931	1
cg04130544	GHR	0.950171	0.370223	0.592962	-1.68645	0.578722	0.72308	-1.37533	0.564326	0.718223	-1.39233	0.405124	0.616448	-1.6222	0.630931	0.759257	-1.31708		0.422918	2.01729	2.01729	?	?	?	?	0.960118	1.03364	1.03364	?	?	0.237295	1.7912	8.80645	1
cg05175333	ROCK1	0.950195	?	?	?	?	0.826994	-1.2056	0.546563	0.593116	-1.68601	0.565216	0.963213	-1.03819					0.507922	1.41689	1.41689	0.65022	1.26722	1.26722	0.925779	0.952811	-1.04953	0.80835	1.13436	1.13436	0.309189	1.31794	3.78895	1
cg09360668	CYP1P1	0.950199	0.782156	1.15465	1.15465	0.30422	1.73675	1.73675	0.831952	1.11655	1.11655	0.462714	1.47376	1.47376	0.339393	1.6667	1.6667		0.407602	1.90067	-2.56103	0.966787	1.04714	1.04714	0.865635	1.0606	1.0606	0.889724	1.16589	1.16589	0.309165	0.99318	17.2314	1
cg09272046	MIR548H4	0.950212	0.353994	0.515639	-1.93924	0.272624	1.2735	1.2735	0.703585	1.07807	1.07807	0.927807	0.983585	1.03647	-1.23157	0.556162	0.700341	-1.42768	0.406052	1.90067	-2.56103	0.966787	1.04714	1.04714	0.865635	1.0606	1.0606	0.889724	1.16589	1.16589	0.309165	0.99318	17.2314	1
cg04883609	LOC339959	0.950223	0.80841	0.800565	-1.24912	0.872294	0.863036	-1.1587	0.504504	0.537872	-1.85918	0.984553	1.01788	1.01788	0.498879	0.533342	-1.87497		0.756947	0.752572	-1.32878	0.207154	0.295804	-3.38061	0.884502	0.875384	-1.14236	0.521252	0.551396	-1.81358	0.309136	4.10486	11.8031	1
cg25947998	SGK196	0.950243	0.627975	0.926909	-1.07885	0.648162	0.93108	-1.07402	0.98784	0.997634	-1.00237	0.494108	1.11397	1.11397	0.958972	0.992036	-1.00803		0.740271	1.05307	1.05307	0.384792	1.14855	1.14855	0.624542	0.926195	-1.07969	0.57404	1.09229	1.09229	0.3099	0.11827	0.340124	1
cg23888902	UTA;CUTA;CUTA	0.950264	0.464843	1.49152	1.49152	0.599849	1.33232	1.33232	0.680467	1.25163	1.25163	0.215422	2.02736	2.02736	0.656206	1.27487	1.27487		0.551588	1.38608	1.38608	0.988972	0.992469	-1.00759	0.778411	1.16521	1.16521	0.565182	1.37046	1.37046	0.309043	1.43794	4.13588	1
cg08578505	GEMIN7;GEMIN7;GEMIN7	0.950265	0.607934	1.13151	1.12553	0.753031	0.909953	-1.09896	0.622442	0.944378	-1.06227	0.522581	0.821641	-1.21743	0.758922	0.91972	-1.08743		0.568217	1.19108	1.19108	0.91963	0.981661	-1.01868	0.853483	0.945497	-1.05764	0.767014	0.913871	-1.09442	0.449834	1.29184	3.7511	1
cg19120782	NUMA1	0.950279	0.965602	1.02332	1.02332	0.869599	1.09153	1.09153	0.645738	1.28071	1.28071	0.408411	1.57141	1.57141	0.455319	0.660022	-1.5015		0.972653	1.01849	1.01849	0.731282	1.20234	1.20234	0.560916	1.36928	1.36928	0.408135	1.57185	1.57185	0.309009	1.39832	4.02237	1
cg16325482	CANT1;CANT1;CANT1	0.950294	0.635746	1.57345	1.57345	0.916355	1.12051	1.12051	0.741003	1.13461	1.13461	0.599239	1.18734	1.18734	0.874506	1.08156	1.08156	1.11334	1.11334	0.897	1.11334	0.897	0.380027	0.740262	-1.35124	0.566457	0.821833	-1.21679	0.776407	0.809848	-1.40877	0.938975	0.565333	1.61547	1
cg20964423	LOC400794;LRRC52	0.950314	0.356267	0.428687	-2.3327	0.481175	0.527729	-1.89491	0.484344	0.530248	-1.88591	0.491185	0.535688	-1.86676	0.43448	0.490724	2.03781		0.476651	0.524136	-1.9079	0.459508	0.510539	-1.95871	0.785221	0.783603	-1.27616	0.773546	0.772949	-1.29375	0.308931	1.89898	11.2186	1
cg04799823	DPP8;DPP8;DPP8;DPP8	0.950339	0.40381	0.3635	-1.15808	0.816498	1.04074	1.04074	0.936659	1.01375	1.01375	0.608425	1.09283	1.09283	0.484634	0.885141	-1.12976		0.450051	1.14137	1.14137	0.782382	0.953545	-1.04872	0.74184	0.938906	-1.06507	0.96007	1.00864	1.00864	0.308474	0.144379	0.415498	1
cg20985152	TMBIM4	0.950349	0.579658	1.0707	1.0707	0.793186	1.04286	1.04286	0.743396	1.07913	1.07913	0.461967	1.45661	1.45661	0.351361	1.70781	1.70781	1.14091	1.14091	0.875337	1.14091	0.875337	0.301745	1.91857	1.91857	0.521185	1.10026	1.10026	0.308151	1.81422	5.22141	1
cg23128949	NCOR2;NCOR2	0.950355	0.981873	1.01599	1.01599	0.602809	0.693046	-1.44291	0.642387	1.33238	1.33238	0.709108	2.2896	2.2896	0.750191	0.800043	-1.24993		0.980528	1.01719	1.01719	0.450233	1.71141	1.71141	0.643096	1.38527	1.38527	0.301725	2.11121	2.11121	0.308837	2.58583	6.86686	1
cg10999701	DTX3;DTX3;DTX3L;PHF12	0.950376	0.402632	1.37914	1.37914	0.545345	0.781945	-1.28425	0.552782	0.750651	-1.34721	0.467709	0.709151	-1.39211	0.483728	0.80703	-1.23988		0.464896	0.6068	-1.64827	0.350067	0.671932	-1.48825	0.567151	0.748127	-1.33648	0.538182	0.709994	-1.40844	0.308964	0.213172	0.291791	1
cg02577240	SLC8A1	0.950382	?	?	?	?	0.239896	2.49245	2.49245	0.979088	0.980736	-1.01964	0.873559	1.12546	1.12546	0.948195	1.0494	1.0494	0.644354	1.41195	1.41195	0.492435	1.67765	1.67765	0.793678	1.21473	1.21473	0.563669	1.54222	1.54222	0.290003	2.2486	7.75374	1
cg21923074	CAMTA1	0.950399	0.617586	0.909779	-1.09917	0.951136	0.988554	-1.01158	0.463562	0.91504	-1.15044	0.990056	0.997662	-1.00234	0.547715	0.89201	-1.12106		0.53184	1.12632	1.12632	0.392909	0.848398	-1.17869	0.906778	1.02225	1.02225	0.979673	1.0048	1.0048	0.308474	0.172541	0.496761	1
cg01083716	AGT;AGT	0.950408	0.307058	1.73192	1.73192	0.375778	0.749669	1.3828	0.553917	0.8305	-1.38755	0.66976	0.782213	-1.27824	0.422608	1.56456	1.56456	1.36628	1.36628	0.490901	1.36628	0.490901	0.290502	2.42249	2.42249	0.69794	0.417332	0.527566	-1.8955	0.628348	0.68638	1.45647	0.308169	0.83783	0.23683	1
cg01151440	SLC25A13;SLC25A13;SLC25A13	0.950421	0.24149	0.566586	-1.76496	0.968636	0.980919	-1.01945	0.961586	1.00257	1.00257	0.414259	0.679273	-1.47216	0.614947	0.790548	-1.26495		0.778977	1.13926	1.13926	0.923416	0.956422	-1.04556	0.591402	0.777941	-1.28544	0.930334	0.960292	-1.04135	0.30869	1.04978	3.02289	1
cg09450020	STEAP2;STEAP2	0.950425	0.309195	1.67259	1.67259	0.618416	0.919018	-1.08812	0.703082	1.53887	1.53887	0.516881	1.64863	1.64863	0.454431	1.72167	1.72167	1.16259	1.16259	0.915336	1.16259	0.915336	0.64507	1.12248	1.12248	0.89222	0.952222	-1.05018	0.902744	0.56636	-1.76535	0.308634	0.14547	0.46911	0.30863	1
cg06476903	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	0.950428	0.482114	1.86697	1.89697	?	?	?	?	0.564564	0.593982	-1.68355	0.686026	1.43733	1.43733	?	?	?	0.886949	1.13515	1.13515	?	?	?	0.677862	1.45197	1.45197	0.985667	1.01613	1.01613	0.23251	1.85595	7.98225	1
cg23646337	TMEM145	0.950446	0.644153	0.907775	-1.10159	0.560071	0.884633	-1.13041	0.573059	0.888287	-1.12576	0.273979	0.789143	-1.2672	0.932533	1.01777	1.01777		0.767492	0.940186	-1.06362	0.358532	0.821677	-1.21702	0.914617	1.02256	1.02256	0.709843	0.925197	-1.08085	0.308634	0.211535	0.609236	1
cg25674428	CLSTN2	0.950466	0.521488	1.46059	1.46059	0.716355	0.926552	-1.07943	0.788304	1.14809	1.14809	0.870087	1.07807	1.07807	0.385857	1.30447	1.30447	1.13573	1.13573	0.776191	1.13573	0.776191	0.539112	1.19326	1.19326	0.838737	0.976784	1.02467	1.02467	0.308828	0.08447	0.10716	0.30883	1
cg19602919	PLS1	0.950468	0.752174	1.14998	1.14998	0.85596	0.98345	-1.01705	0.938345	0.979415	-1.02626	0.556219	0.78024	-1.28146	0.562116	0.778004	-1.28534	0.608063	0.795982	-1.25631	0.689936	1.1935	1.1935	0.687681	0.83672	-1.19534	0.728142	0.608068	1.64455	0.308584	0.95101	2.73942	1
cg10709961	PRKAB2	0.950501	0.80055	0.844192	-1.18432	0.732132	0.83232	-1.20073	0.540703	0.711418	-1.40548	0.464966	0.607023	-1.64686	0.537232	0.710808	-1.40703	0.690208	0.91004	-1.09896	0.745348	0.98354	0.98354	0.992222	0.990742	-1.00926	0.940232	0.990042	1.00102	0.99318	0.308584	0.95101	2.73942	1
cg19919209	SNX15;SNX15	0.950518	0.529786	0.639499	-1.56372	0.345429	0.502321	-1.99076	0.91762	1.07537	1.07537	0.92625	0.937043	-1.06719	0.442188	0.576733	-1.7339		0.519112	1.12848	1.12848	0.779729	0.915336	1.02448	0.82848	0.95222	-1.05018	0.802744	0.56636	1.76535	0.308634	0.14547	0.46911	0.30863	1
cg19289969	MADD11;MADD11;MADD11	0.950523	0.411776	0.546609	-1.82946	0.670228	1.53731	1.53731	0.777338	1.22628	1.22628	0.842398	0.867234	-1.15269	0.814653	0.954554	-1.0478	0.754203	0.77152	-1.02358	0.624268	1.42668	1.42668	0.940873	1.01196	1.01196	0.557308	0.652592	-1.53235	0.308458	0.25365	0.73262	1
cg14975318	NUCB2	0.950532	0.601513	0.93817	0.93817	0.615803	0.940958	-1.06275	0.613083	0.874455	-1.14353	0.577284	0.851047	-1.17481	0.554581	0.950228	-1.05238		0.914198	0.91467	-1.09315	0.44848	0.910585	0.60217	-1.66007	0.943976	0.935	0.83439	0.731825	0.206994					
cg26729026	HSD17B1;HSD17B1	0.950533	0.740251	1.13354	1.13354	0.426434	0.736419	-1.35792	0.581531	1.23334	1.23334	0.884024	0.964495	-1.03653	0.486123	0.765957	-1.30556		0.538535	0.790878	-1.26442	0.596137	0.817495	-1.22325	0.928636	0.966814	-1.03433	0.499058	0.772184	-1.29503	0.308437	0.693397	1.99831	1
cg24164786	LTBP2	0.950543	0.41214	0.612336	0.612336	0.32864	0.823864	-1.2179	0.548864	0.763887	-1.30909	0.607899	0.943127	1.06035	0.963127	0.967615	-1.03347	0.841804	0.615328	-1.62515	0.357407	0.908355	-1.10089	0.598791	0.931	0.732014	1.13725	1.13725	0.308455	1.84265	5.48599	1
cg02475474	OG;MOG;MOG;MOG;MOG;MOG	0.950587	0.490824	0.657901	-1.52137	0.514345	0.672683	-1.48658	0.517227	0.674561	-1.48245	0.952575	0.966915	-1.03422	0.387199	0.587761	1.70137		0.550674	0.69279	-1.44321	0.659925	0.766822	-1.30408	0.59308	0.701719	-1.42507	0.633269	1.34044	1.34044	0.308314	1.75543	5.06102	1
cg04886671	C17orf89	0.950611	0.688069	1.43708	1.43708	0.458517	1.97032	1.97032	0.212423	3.25443	3.25443	0.75382	1.32665	1.32665	0.459126	1.96845	1.96845		0.670845	1.46828	1.46828	0.75771	1.32051	1.32051	0.576699	1.65978	1.65978	0.819407	1.2281	1.2281	0.308261	3.94115	11.3645	1
cg12438392	TSN	0.950627	0.329926	0.756209	-1.32239	0.870288	1.04647	1.04647	0.479583	0.818932	-1.2211	0.443821	0.80494	-1.24233	0.59163	0.861933	-1.16018		0.911582	0.969058	-1.03135	0.924362	0.973952	-1.02674	0.611436	0.867278	-1.15303	0.678885	1.12266	1.12266	0.308223	0.377099	1.08752	1
cg19586698	OTUD6B	0.950781	0.826621	1.09107	1.09107	0.795332	1.12697	1.12697	0.442665	0.674551	1.48289	0.833839	1.0907	1.0907	0.813038	0.916521	-1.09108	0.568395	0.751626	1.33076	1.33076	0.662366	0.815567	1.22656	0.915978	-1.09185	0.956556	1.2178	1.2178	0.308269	1.08611	3.08193	0.997059	1.00307	0.30827	1
cg11957880	UBE2N;UBE2N	0.950645	0.911493	1.04127	1.04127	0.803044	1.09655	1.09655	0.35954	1.40865	1.40865	0.687321	1.15854	1.15854	0.84098	1.0758	1.0758		0.783891	1.10516	1.10516	0.282598	1.50093	1.50093	0.474236	1.30304	1.30304	0.442703	1.32933	1.32933	0.308184	0.64567	1.8623	1
cg00496222	ZNF564	0.950651	0.904411	1.05191	1.05191	0.776471	0.880269	-1.12326	0.677038	0.842799	-1.18653	0.91345	1.03469	1.03469	0.598554	0.804983	-1.24226		0.780405	0.89215	-1.12089	0.577402	0.739562	-1.35161	0.886314	0.9524	-1.05007	0.497881	1.2503	1.2503	0.308164	0.813749	2.24723	1
cg10480343	FBN1	0.950657	0.568643	0.20818	0.20818	0.951076	1.02034	1.02034	0.97657	1.00969	1.00969	0.480871	1.26514	1.26514	0.531465	1.23128	1.23128		0.443677	2.29218	2.29218	0.57897	0.873527	-1.20145	0.503818	0.2494	1.24941	1.24941	0.764034	0.905909	-1.10386	0.308157	0.525803	1.5167	1
cg20534130	FAM171A1	0.950683	0.622066	0.788822	-1.26771	0.381401	0.651403	-1.53515	0.907333	1.05717	1.05717	0.947954	0.969314	-1.03166	0.81312	1.11971	1.11971		0.486177	1.40191	1.40191	0.614446	1.27444	1.27444	0.537902	0.742465	-1.34687	0.741371	0.853742	-1.17131	0.308097	1.11227	3.20899	1
cg08002381	HNRNPK;NRNPK;HNRNPK;RMI1	0.950686	0.888745	1.03591	1.03591	0.846487	1.10452	1.10452	0.579155	1.10475	1.10475	0.731807	1.10848	1.10848	0.556102	1.09655	1.09655	0.894958	0.907865	-1.06525	0.552249	1.19184	1.19184	0.987573	0.98409	-1.00507	0.497881	1.2503	1.2503	0.308164	0.813749	2.24723	1
cg22133519	KIAA1683;KIAA1683;KIAA1683	0.950687	0.515846	0.513938	-1.94576	0.550778	0.84284	-1.84216	0.312807	0.355542	-2.81261	0.567152	0.557436	-1.79393	0.576283	0.399574	-2.50267		0.720911	0.605984	-1.43681	0.459719	0.46742	-2.1394	0.600195	0.586067	-1.70629	0.988214	0.985187	-1.01504	0.308089	0.498089	1.43707	1
cg14785220	OGC910	0.950692	0.874854	1.02956	1.02956	0.759953	0.910574	-1.09874	0.712673	0.956474	-1.04572	0.525452	0.731668	-1.36742	0.729416	0.87664	-1.14072	0.864209	0.937358	1.06675	1.06675	0.764599	0.874301	1.14401	0.937358	-1.06675	0.764599	0.874301	1.14401	0.308184	0.64567	1.8623	1
cg22991851	WNT16	0.950752	0.330279	0.608866	-1.6424	0.44918	1.46357	1.46357	0.747281	1.17313	1.17313	0.725079	1.19051	1.19051	0.838721	0.904251	1.10589		0.626922	1.27369	1.27369	0.625565	1.27492	1.27492	0.867524	0.920857	-1.08594	0.922028	0.952798	-1.04954	0.307941	1.18959	3.43384	1
cg14593317	CDK2AP2	0.950809	0.641671	0.570461	-1.75297	?	?	?	?	0.977783	0.967451	-1.03364	0.780126	0.716426	-1.39582	0.520035	2.19617	2.19617	?	?	?	0.654894	0.583623	-1.71344	0.718442	1.54074	0.660132	0.588278	1.69814	0.240946	3.64914	8.6543	1
cg16760812	MGAT5B;MGAT5B	0.950821	0.517732	1.41456	1.41456	0.628507	1.89363	1.89363	0.503844	0.974312	-1.02656	0.478768	1.5638	1.5638	0.514443	1.55537	1.55537	1.14557	1.14557	0.751681	1.20134	1.20134	0.624035	1.5106	1.5106	0.896546	0.927544	-1.07812	0.848313	1.11707	1.11707	0.307784	1.62949	4.76502	1
cg23812489	FLG2	0.950822	0.714278	0.395662	-2.52741	0.300985	0.0670466	-14.915	0.682603	0.354619	-2.81993	0.348107	0.0875221	-11.4257	0.944736	1.19101	1.19101		0.970608	0.91128	-1.09736	0.923716	1.27316	1.27316	0.662911	0.330895	-3.02211	0.450344	0.143784	-6.95489	0.307782	30.9935	89.5106	1
cg14600997	ZER1	0.950823	0.579256	1.56169	1.56169	0.94005	0.786239	1.38198	0.761474	1.47834	1.47834	0.91849	1.09221	1.09221	0.665883	1.50256	1.50256	1.47258	1.47258	0.679359	1.47258	0.679359	0.553213	1.80742	1.80742	0.555403	0.984326	1.01592	1.01592	0.308434	0.15367	0.37075	1
cg18547849	C19orf28;C19orf28;C19orf28	0.950826	0.804537	0.876754	-1.14057	0.523004	0.709372	-1.4097	0.904093	0.930861	-1.06603	0.702061	1.21015	1.21015	0.75364	0.846196	1.18176		0.980074	0.98684	-1.01334	0.386409	0.624392	-1.60156	0.695771	0.881839	-1.13177	0.880313	0.588436	1.5986	0.308776	1.37152	3.96112	1
cg03163443	KLHDC8B	0.950837	0.410799	2.04291	2.04291	0.706609	0.725288	-1.

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	p-value(3527 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg14330924	HCG9	0.951989	0.823384	1.069887	0.104987	0.413822	1.19939	1.19939	0.617498	1.115384	1.115384	1.872645	0.96568	1.03554	0.724067	1.08022	1.08022	0.992925	1.00193	1.003193	0.902464	1.02705	1.02705	0.80315	0.792801	1.26135	0.848488	0.958254	1.04356	0.305124	0.229004	0.667136	
cg03379270	UNC84A;UNC84A	0.951999	0.54442	1.5972	1.5972	0.196219	2.837922	2.837922	0.813361	1.19784	1.19784	0.56147	1.56537	1.56537	0.643128	1.4277	1.4277	0.980802	1.01854	1.018854	0.885744	1.11599	1.11599	0.554328	1.57855	1.57855	0.972005	1.02715	1.02715	0.301052	0.21853	0.820134	1
cg07768201	CAT	0.952029	0.464811	0.67105	-1.4902	0.768365	0.865652	-1.1552	0.864063	1.09624	1.09624	0.647817	1.27969	1.27969	0.782589	0.862147	-1.1599	0.850165	0.903564	-1.10673	0.630363	0.771052	-1.29693	0.283246	0.549998	-1.81819	0.538675	0.716199	-1.39626	0.305032	1.3891	0.404797	1
cg26739995	KHK;EMILIN1;KHK	0.952059	0.950209	-1.0524	0.4416665	1.162051	1.16204	0.351722	0.832416	-1.20132	0.794309	1.09128	0.109128	0.499053	1.144033	1.14033	1.14033	0.833931	1.04101	1.041011	0.871697	1.03142	1.03142	0.722532	1.07061	1.07061	0.844187	0.96304	-1.03838	0.304964	0.176919	0.515672	1
cg04307270	POU62i2	0.952069	0.558406	0.844287	-1.18443	0.703268	1.11567	1.11567	0.992556	1.039375	-1.00267	0.669776	1.13054	1.13054	0.891929	1.03964	1.03964	0.899315	0.964444	-1.03687	0.428667	0.79366	-1.25997	0.324797	0.747657	-1.33751	0.715343	0.900547	-1.11044	0.394041	0.395051	1.15156	1
cg01737933	PRKG1;PRKG1;CSTF2T	0.952089	?	?	?	0.300129	0.225719	-1.48229	0.782214	0.626992	-1.59492	?	?	?	?	?	?	?	0.922758	0.849337	-1.17742	0.784328	0.629929	-1.58748	0.670519	0.486119	-2.05711	0.200695	4.902413	34.1961	1
cg11648981	VAV3	0.952113	0.835516	1.1795	1.1795	0.486301	1.75363	1.75363	0.720086	1.33072	1.33072	0.422956	1.91531	1.91531	0.428963	1.89865	1.89865	0.535935	1.64493	1.64493	0.762182	1.27251	1.27251	0.281461	2.43222	2.43222	0.64452	1.44615	1.44615	0.304839	0.34091	0.87582	1
cg19865472	HCN2	0.952137	0.427362	2.54252	2.54252	0.910237	1.13869	1.13869	0.844976	1.18184	1.18184	0.477005	1.29931	1.29931	0.388952	0.361756	-2.76399	0.838663	1.2646	1.2646	0.874529	1.19957	1.19957	0.49149	2.22445	2.22445	0.85201	1.23992	1.23992	0.304786	0.40054	1.66468	1
cg00314996	USP14;USP14	0.95215	0.923509	1.12236	1.12236	0.553695	0.486618	-2.055	0.273672	3.93241	3.93241	0.785492	1.720417	-1.38809	-0.56254	1.20325	-1.20325	0.968545	0.953708	-1.04854	?	?	?	0.977929	0.967294	-1.03181	0.640981	1.75861	1.75861	0.285998	5.81735	20.3405	1
cg11396157	NTNG1;NTNG1;NTNG1	0.95218	0.446681	1.51077	1.51077	0.794102	1.14929	1.14929	0.528605	1.40442	1.40442	0.718807	1.21209	1.21209	0.74574	1.18897	1.18897	0.842806	1.1114	1.1114	0.21125	2.0151	2.0151	0.684045	1.24101	1.24101	0.525214	1.40846	1.40846	0.304685	1.36566	3.38418	1
cg12830517	ECE1	0.952198	0.982891	1.097182	1.0029	0.554665	0.955155	-1.1626	0.954923	1.088765	1.088765	0.531082	1.15221	1.15221	0.647768	0.991384	1.00864	0.865786	1.08576	1.10255	0.891875	1.06934	1.06934	0.754465	0.943482	1.13158	0.896372	1.04332	1.04332	0.646347	0.939465	1.08644	1.08644	0.308646	0.881426	2.257182	1
cg03922146	KIAA1949;NRM;KIAA1949	0.952208	0.906502	1.100144	1.100144	0.994804	1.00216	1.00216	0.735229	1.11882	1.11882	0.882003	1.04763	1.04763	0.986104	0.994256	-1.00578	0.671538	1.15153	1.15153	0.536518	0.812992	-1.23002	0.91382	0.964824	-1.03646	0.219451	0.652636	1.5329	0.304622	0.527891	1.54039	1
cg25605277	SCN1;SCN1	0.952216	0.720689	1.231141	1.231141	0.975353	1.01664	1.01664	0.810266	1.082554	1.082554	0.708756	1.082756	1.082756	0.416813	1.557342	1.557342	0.935233	1.055711	-1.04437	0.857511	-1.04437	0.80611	1.14039	1.144009	1.334798	0.634586	1.626852	1.626852	0.429244	1.547934	1.576559	1.626852	1.576578	4.657772	1
cg06833978	FAM155A	0.952222	0.373493	1.29381	1.29381	0.70511	0.898347	-1.11316	0.601305	1.16027	1.16027	0.506105	1.20952	1.20952	0.74836	1.0595	1.0595	0.913888	0.969961	-1.03097	0.501186	0.824898	-1.21227	0.906239	0.967323	-1.03378	0.710798	1.11073	1.11073	0.304593	0.383523	1.11923	1
cg19026356	TRABD	0.952237	0.830104	0.918325	-1.08894	0.428839	1.37749	1.37749	0.843415	1.08157	1.08157	0.514252	1.29981	1.29981	0.496416	1.760465	-1.31498	0.784054	1.15108	1.15108	0.544178	0.783947	-1.2756	0.781601	1.14202	1.14202	0.739772	0.876186	-1.14131	0.550454	0.758391	2.21348	1
cg11312566	SLC2A8	0.952246	0.982869	1.093209	-1.05684	0.975263	0.90014	-1.10996	0.24591	1.41375	1.41375	0.780576	0.91462	-1.09335	0.792916	0.910355	-1.08772	0.582043	0.837233	-1.19441	0.94149	1.02374	1.02374	0.824349	1.07363	1.07363	0.539654	1.21951	1.21951	0.304534	0.492601	1.49783	1
cg15470298	COL18A1	0.952289	0.54035	2.08801	2.08801	?	?	0.993777	1.00931	1.00931	?	?	?	?	?	?	?	?	0.736708	0.669797	-1.49299	0.700134	1.5835	1.5835	0.202699	2.515585	19.8588	1
cg24204940	PCGF2;PCGF2	0.952265	0.975406	0.970958	-1.02991	0.811292	0.794922	-1.25798	0.680491	0.680198	-1.47016	0.979652	0.975826	-1.02477	0.934459	0.924113	-1.08212	0.853874	1.19352	1.19352	0.636847	1.57825	1.57825	0.286192	2.89443	2.89443	0.383237	2.35834	2.35834	0.304422	4.41908	12.9618	1
cg14467955	USP30	0.952303	0.977607	1.002519	1.002519	0.928632	1.00828	1.00828	0.820735	1.0211	1.0211	0.708699	0.966057	1.03514	0.949106	1.04305	1.04305	0.851632	1.01758	1.01758	0.672535	0.961637	-1.03988	0.399811	1.08254	1.08254	0.290576	1.10619	1.10619	0.304402	0.0408178	0.119193	
cg09979728	BCKDHA;EIF3CS;BCKDHA	0.952395	0.817139	0.940975	-1.06273	0.38221	0.790258	-1.26541	0.837526	1.05541	1.05541	0.710254	1.10299	1.10299	0.864679	0.956185	-1.04582	?	?	0.736708	0.669797	-1.49299	0.700134	1.5835	1.5835	0.202699	2.515585	19.8588	1
cg07822143	ABCE1;ANAPC10;ABCE1	0.952413	0.421031	1.795493	1.00204	0.556866	0.955155	-1.17626	0.954923	1.088765	1.088765	0.531082	1.15221	1.15221	0.647768	0.991384	1.00864	0.865786	1.08576	1.10255	0.891875	1.06934	1.06934	0.754465	0.943482	1.13158	0.896372	1.04332	1.04332	0.646347	0.939465	1.08644	1.08644	0.308646	0.881426	2.257182	1
cg18706907	AGFG1;AGFG1;AGFG1;AGFG1	0.952426	0.769607	1.23561	1.23561	0.322288	0.478769	-2.08869	0.914706	1.08023	1.08023	0.92428	0.933811	-1.07088	0.613998	0.693246	-1.44249	0.681958	1.34557	1.34557	0.400296	0.578325	-1.85934	0.831234	0.857493	-1.16619	0.768023	1.23748	1.23748	0.40248	2.94948	7.30554	1
cg08105965	RAS10A;RAS;10A	0.952427	0.698353	1.431383	1.431383	0.51198	0.997559	1.00244	0.997559	1.00244	0.852484	1.17328	0.852484	1.17328	0.794104	1.32004	1.32004	0.837935	1.23948	1.23948	0.807465	1.11811	1.11811	0.50952	1.00552	1.00552	0.504757	1.98269	1.98269	0.304612	0.333999	0.530812

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. 2LT vs. N)	Fold-Change(121T vs. 2LT vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	F(Error
cg13360136	FLI4A606	0.954266	0.745958	1.08757	0.118757	1.2725665	0.14301	1.34301	0.663111	1.11985	0.1135	1.1985	0.955377	1.01581	0.105581	1.035499	0.398457	1.11127	1.11127	0.8104406	1.06403	1.06403	0.4392407	0.81567	1.222599	0.298846	0.316716	0.938802	1
cg10620659	EIF1AY	0.954291	0.502463	0.475443	-2.1033	0.8959974	0.867108	-1.15326	0.962745	1.05223	1.05223	0.362234	0.358787	-2.78717	?	?	?	0.486403	0.461755	-2.16565	0.992164	1.0101	1.0101	0.966791	0.955636	-1.04668	0.254399	3.64453	14.326	1
cg05904135	NKX6-2	0.954292	0.663648	1.22242	1.22242	0.934729	0.963103	-1.03831	0.829347	0.905677	-1.10415	0.72149	0.848499	-1.17855	0.564404	0.765405	-1.1065	?	0.292773	1.6503	1.6503	0.954418	0.974105	-1.02658	0.614536	1.26247	1.26247	0.724782	0.850232	-1.17615	0.299784	1.00022	2.96575	1
cg18898498	BAI1	0.954302	0.491877	1.68924	1.68924	0.654881	1.40199	1.40199	0.56444	1.54885	1.54885	0.353745	0.284738	2.04738	0.579605	1.522332	1.522332	0.360883	0.2085	2.0085	2.0085	0.434517	1.82002	1.82002	0.617604	1.45938	1.45938	0.602213	1.48429	1.48429	0.299761	2.677772	2.94012	1
cg20091215	DGKZ;DGKZ HSD11B1L;HSD11B1;HSD11B2;HSD11B1L-HSD11	0.954304	0.916689	1.0401	1.0401	0.337818	0.689862	-1.44957	0.966171	0.984191	-1.01606	0.723655	1.14269	1.14269	0.477225	1.31198	1.31198	0.805835	0.911619	-1.09695	0.447093	1.33797	1.33797	0.893676	0.155153	0.05153	0.913282	1.04178	0.796256	0.670227	1.98748	1
cg03013172	B1L;HSD11B1L;HSD11B1L	0.954309	0.256963	0.733557	-1.36322	0.532921	0.847554	-1.17987	0.671434	1.11822	1.11822	0.843564	0.949573	-1.05311	0.688201	0.899742	-1.11143	?	0.805014	1.06692	1.06692	0.753056	1.08617	1.08617	0.785733	0.931122	-1.07397	0.930601	1.02307	1.02307	0.299744	0.325602	0.96557	1
cg04947052	LIMS2;LIMS2;LIMS2	0.954338	0.983042	1.01559	1.01559	0.374619	1.94106	1.94106	0.906403	0.917958	-1.08937	0.865173	0.880734	-1.13544	0.482122	0.594556	-1.68193	?	0.619475	1.6946	1.6946	0.494802	0.719819	0.769399	-1.29972	0.299675	2.51391	7.45668	1
cg01090530	LOC645332	0.954339	0.879032	1.20347	1.20347	0.876523	0.827713	-1.20815	0.782913	0.774213	-1.39916	0.652672	0.576415	-1.73486	0.403458	2.82833	2.82833	?	0.855373	1.24842	1.24842	?	?	?	0.485853	2.36592	2.36592	0.298592	4.71077	20.8104	1
cg22127901	TRIM2;TRIM2	0.954371	0.456437	1.52042	1.52042	0.906137	0.936916	-1.06733	0.925078	1.05333	1.05333	0.430661	1.55948	1.55948	0.660357	1.2767	1.2767	0.362284	1.67745	1.67745	0.903101	1.0696	1.0696	0.854882	1.10643	1.10643	0.362962	1.67616	1.67616	0.299599	1.44801	4.29614	1
cg05949895	FOSL1	0.954386	0.42644	1.40522	1.40522	0.944332	1.02763	1.02763	0.567368	1.28878	1.28878	0.312369	0.856307	1.15423	0.799427	1.11423	1.11423	0.791971	1.1171	1.1171	0.666364	1.50068	1.50068	0.935702	0.960765	1.03438	0.932053	1.06497	1.01637	0.299562	0.832608	2.47059	1
cg24971490	UTP23	0.95439	0.826519	1.06052	1.06052	0.504499	1.19878	1.19878	0.551895	1.17482	1.17482	0.971803	0.990583	-1.00951	0.671698	1.12088	1.12088	0.749643	1.08948	1.08948	0.344449	0.770526	1.29782	0.615066	1.14537	1.14537	0.672761	1.12044	1.12044	0.299554	0.33997	1.00882	1
cg09231122	CTBP2;CTBP2-CTBP2	0.954394	0.639132	0.846573	-1.18248	0.985016	0.993357	-1.00669	0.990203	1.05024	1.05024	0.807668	0.917079	-1.09042	0.937365	0.78764	-1.26962	?	0.344011	0.707544	1.41334	0.955381	0.731503	-1.40154	0.472291	0.771457	-1.29625	0.985101	0.993395	-1.00665	0.299544	0.597934	1.77334	1
cg17531456	LOC644538	0.954431	0.269624	0.395648	-2.5275	0.559233	0.617983	-1.61817	0.908126	1.09759	1.09759	0.793911	1.23512	1.23512	0.924917	1.079	1.079	0.392212	0.493112	-2.02794	0.759557	0.780666	-1.28096	0.767	0.786892	-1.27082	0.809009	0.822575	-1.21569	0.299459	0.38552	9.1588	1
cg00785170	PHLDA3	0.954451	0.778973	0.74767	-1.07467	0.426376	1.23106	1.23106	0.685186	0.900942	-1.10995	0.614611	1.13876	1.13876	0.629954	1.1323	1.1323	0.956048	1.01391	1.01391	0.704753	0.907163	-1.10234	0.432463	0.814617	-1.22757	0.711849	1.09961	0.299461	0.310636	0.922214	1
cg19645794	TUBA1A	0.954486	0.870988	1.0514	1.0514	0.824655	1.03883	1.03883	0.669563	1.12703	1.12703	0.460863	0.793328	-1.26015	0.565402	0.839375	-1.19121	?	0.352244	2.744378	2.744378	0.464742	0.804485	-1.24303	0.948519	1.02011	1.02011	0.835941	0.938055	-1.06604	0.299329	0.450833	1.3388	1
cg26939527	P4KA;SERPIND1	0.954508	0.409171	1.55658	1.55658	0.37756	1.6074	1.6074	0.816938	0.885548	-1.12924	0.476817	1.46111	1.46111	0.874494	1.08639	1.08639	0.597466	0.756285	-1.32225	0.938431	1.04133	1.04133	0.825982	1.12235	1.12235	0.677578	1.24505	1.24505	0.299277	1.30243	3.86839	1
cg16435387	PTPN12;PTPN12-PTPN2	0.954512	0.506533	1.4486	1.4486	0.878218	1.08626	1.08626	0.870373	1.09213	1.09213	0.849437	0.902532	-1.10799	0.628445	1.30099	1.30099	0.551173	0.722255	-1.38455	0.282072	1.82795	1.82795	0.67637	1.25423	1.25423	0.864821	1.08136	1.08136	0.299268	1.3801	4.08919	1
cg22904133	FAM134A;C2orf24	0.954546	0.792744	1.24625	1.24625	0.901096	0.901279	-1.10953	0.873199	1.14285	1.14285	0.896523	0.944293	1.05923	0.599159	1.66901	1.66901	0.761356	1.29001	1.29001	0.645947	1.46568	1.46568	0.572159	1.15113	1.15113	0.360318	2.19507	2.19507	0.299188	3.11174	9.83919	1
cg18611847	RGS16	0.95455	0.993231	1.00403	1.00403	0.487057	1.39719	1.39719	0.758085	1.15758	1.15758	0.429202	0.682322	-1.46558	0.866948	0.92365	-1.08266	?	0.958876	0.975872	-1.02472	0.337123	0.625791	-1.59798	0.808146	0.891163	-1.12213	0.872122	1.07929	1.07929	0.299177	1.06304	3.15842	1
cg06965169	NCRNA00200	0.954542	1.00403	1.13442	1.13442	0.944936	1.02763	1.02763	0.617925	1.24025	1.24025	0.357925	0.838033	-1.19327	0.630652	1.33287	1.33287	0.665797	1.50151	1.50151	0.751218	0.578802	0.725876	-1.37765	0.98554	1.01449	0.989603	1.01041	1.01041	0.440962	1.48373	1.48373	0.336019	1.76057	1.29705	0.299159	1.5465	4.59511	1
cg14303939	POLR3F;POLR3F;C20orf12	0.954575	0.774864	0.90933	-1.09898	0.972169	1.01192	1.01192	0.748773	1.11155	1.11155	0.884764	1.04889	0.874972	0.949494	-1.05319	?	0.740357	1.15167	1.15167	0.197891	0.638953	1.56506	0.663729	0.865905	-1.15486	0.871319	0.948043	-1.05468	0.299118	0.513182	1.52502	1
cg13416889	ZNF609	0.954617	0.956276	0.99536	1.00463	0.437281	0.926502	-1.08013	0.883513	0.949525	1.05319	0.649299	1.4642	1.4642	0.844573	1.18439	1.18439	0.894835	1.11855	1.11855	0.722657	0.890411	1.12307	0.873984	0.683797	1.46242	1.46242	0.775989	0.606578	1.64979	0.628299	0.557382	1.79307	0.812	0.299104	0.326	0.992508	1
cg12773604	SYT2	0.95462	0.73452	0.948858	-1.0539	0.583201	1.08922	1.08922	0.3344	1.16596	1.16596	0.664322	1.06966	1.06966	0.809599	1.03793	1.03793	0.674661	0.936964	-1.06728	0.889516	0.978791	-1.02167	0.501833	1.11085	1.11085	0.577076	1.09077	1.09077	0.299013	0.112644	0.334863	1
cg21548950	RHCG	0.954646	0.950014	1.03345	1.03345	0.451142	1.49627	1.49627	0.587222	1.33336	1.33336	0.819824	0.887144	-1.12721	0.621037	0.769841	-1.29897	0.955991	1.02939	1.02939	0.529502	1.39702	1.39702	0.337377	0.680358	1.68058	0.796633	1.14517	1.14517	0.298951	1.30441	3.87849	1
cg23836612	PUS1;PUS1;PUS1	0.954671	0.55509	0.829331	-1.20561	0.484606	1.77576	-1.12759	0.651733	0.976052	-1.02024	0.693745	0.988196	-1.01197	0.877158	0.902502	-1.10824	0.998745	1.12341	1.12341	0.894283	0.926009	1.20542	1.20542	0.616091	1.1235	1.1235	0.906586	1.02651	1.02651	0.792093	1.06255	1.06255	0.888894	0.925186	0.747009	1.23225	1
cg02993010	FAM59A1	0.954683	0.731339	1.0608	1.0608	0.703475	1.06769	1.06769	0.38158	1.16613	1.16613	0.607267	0.915041	-1.09285	0.684026	1.07259	1.07259	0.76135	1.05355	1.05355	0.337792	1.18439	1.18439	0.9181	1.01777	1.01777	0.543341	1.1111	1.1111	0.298864	0.138827	0.412902	1
cg01084648	RBM39;RBM39	0.954686	0.866153	0.874779	-1.05109	0.549403	1.2133	1.2133	0.677189	0.943038	1.06069	0.643879	1.43879	1.43879	0.891113	0.872384	-1.14645	0.937394	1.10045	1.10045	0.527838	0.747014	1.33868	0.554037	0.520122	1.92284	1.92284	0.507313	0.724242	1.38055	0.479242	2.08254	1.44254	1
cg16127145	IGFALS;IGFALS;IGFALS	0.954722	0.983173	1.01661	1.01661	0.46235	1.79408	1.79408	0.614693	1.48665	1.48665	0.414962	1.9174	1.9174	0.792942	1.76283	1.31091	0.886614	1.894527	-1.11791	0.893856	0.900494	-1.10499	0.848416	0.861147	-1.16124	0.453187	0.550477	1.81661	0.298772	2.8879	8.59192	1
cg05230759	SID72 TNIK;TNIK;TNIK;TNIK;TNIK;TNIK7;TNIK7	0.954734	0.755256	0.910796	-1.09794	0.965546	0.987176	-1.01299	0.253159	1.4285	1.4285	0.795931	1.08052	1.08052	0.573056	1.18549	1.18549	0.812002	1.07379	1.07379	0.843121	1.061	1.061	0.574843	0.844212	-1.18454	0.705162	1.12029	1.12029	0.298744	0.42247	1.25702	1
cg23533254	NIK;TNIK	0.954737	0.968565	0.949507	-1.05318	0.828869	0.752102	-1.32961	0.89258	1.18911	1.18911	?	?	?	0.705815	1.44331	1.44331	0.916998	1.14693	1.14693	0.810676	1.3715	1.3715	0.984737	1.02547	1.02547	0.263233	0.206734	-4.83713	0.260514	0.88108	13.9582	1
cg16545079	RFI1	0.954741	0.347805	0.852362	-1.17353	0.778385	1.00547	1.00547	0.986907	1.00213	1.00213	0.484782	1.12405	1.12405	0.940902	0.83204	-1.2014	0.509983	0.897761	1.11403	0.562158	1.10136	1.10136	0.940052	0.960314	-1.04133	0.985062	0.996021	-1.00309	0.298728	0.283556	0.383935	1
cg13354057	SLC36A4	0.95477	0.580999	1.16563	1.16563	0.905171	1.03331	1.03331	0.884312	1.04084	1.04084	0.496061	1.20928	1.20928	0.665271	1.12713	1.12713	0.436172	1.2441	1.2441	0.692252	0.896395	-1.11558	0.338635	1.31151	1.31151	0.556671	1.17756	1.17756	0.29866	0.357546	1.06415	1
cg06872822	LOC255167;LOC255167	0.954785	0.545338	1.47519	1.47519	0.882589	0.910789	-1.09795	0.487593	0.640231	-1.56194	0.598021	1.39994	1.39994	0.854508	1.12307	1.12307	0.500671	1.54067	1.54067	0.5572	1.45555	1.45555	0.501502	1.53934	1.53934	0.617473	1.3749	1.3749	0.298624	1.89094	5.62861	1
cg10858640	SDK1;SDK1	0.954872	0.494837	1.29004	1.29004	0.903432	0.976002	-1.05374	0.68113	0.937502	-1.06714	0.683113	0.957502	-1.79372	0.51089	2.57093	?	?	0.95091	1.74586	1.74586	0.683797	1.46242	1.46242	0.775989	0.606578	-1.64979	0.628299	0.557382	1.79307	0.812	0.299104	0.326	0.992508	1
cg20205542	AP2M1;AP2M1	0.954876	0.520835	0.684314	-1.46132	0.535963	1.44097	1.44097	0.85986	0.902122	-1.1085	0.984071	1.0117	1.0117	0.794543	0.858889	-1.1643	0.59933	0.734184	-1.36206	0.691349	0.79247	-1.26188	0.696847	1.25633	1.25633	0.394194	1.6631	1.6631	0.28841	1.50654	4.7828	1
cg13595813	TPST2;TPST2;CROT;CROT;CROT	0.95488	0.308958	0.787179	-1.27048	0.786776	1.31676	1.31676	0.545295	1.5207	1.5207	0.278222	0.27595	2.27595	0.313936	1.43935	1.43935	0.95091	1.02496	1.02496	0.603513	1.1355	1.1355	0.984737	1.02547	1.02547	0.263233	0.206734	-4.83713	0.260514	0.88108	13.9582	1
cg25985103	MAN2C1	0.954931	0.528607	1.47034	1.47034	0.72807	1.23663	1.23663	0.994113	0.995555	-1.00446	0.322347	1.85393	1.85393	0.831369	1.33895	1.33895	0.705421	1.795077	-1.25774	0.384056	1.71418	1.71418	0.931135	1.05198	1.05198	0.923726	0.943815	-1.05953	0.298279	1.72248	5.13307	1
cg01139880	TEL02	0.954957	0.962069	1.02925	1.02925	0.26208	2.03172	2.03172	0.327418	1.84565	1.84565	0.859843	0.923673	-1.08263	0.821317	0.871859	-1.14697	0.738187	1.2255	1.2255	0.77517	1.18957	1.18957	0.834132	1.13554	1.13554	0.882828	1.09352	1.09352	0.298219	1.73558	5.17317	1
cg19304415	TMEM27	0.954961	0.484546	1.61083	1.61083	0.725148	1.30308	1.30308	0.7469	1.10469	1.10469	0.573531	0.807981	-1.23765	0.792304	0.90104	-1.10984	0.520172	1.92307	-1.09014	0.545549	1.28013	1.28013	0.924801	0.76761	-1.30275	0.553098	1.51644	1.51644	0.298762	0.47924	1.44254	1
cg01942372	UMS1 CACNB2;CACNB2;CACNB2;CACNB2;CAC	0.955032	0.528288	1.47471	1.47472	0.447056	1.60189	1.60189	0.496343	1.52188	1.52188	0.779161	1.1864	1.1864	0.882299	1.09426	1.09426	0.530665	1.47134	1.47134	0.703873	0.932531	-1.07235	0.368121	0.7543	1.7543	0.714907	0.800074	-1.24989	0.298041	1.74499	5.20433	1
cg13918613	NB2;CACNB2	0.955062	0.48401	1.18497	1.18497	0.700888	0.912014	-1.09647	0.481882	0.843183	-1.18598	0.682273	1.1032	1.1032	0.448649	1.20232	1.20232	0.942102	1.01748	1.01748	0.619745	0.887485	-1.12678	0.93757	1.01887	1.01887	0.743885	1.08137	1.08137	0.297971	0.268712	0.801606	1
cg25406568	PPP3CA;PPP3CA;PPP3CA	0.955068	0.960417	0.99131	-1.00877	0.713539	1.06699	1.06699	0.626017	1.0917	1.0917	0.975611	1.00539	1.00539	0.57355	1.08269	1.08269	0.311369	1.20224	1.20224	0.676601	1.07656	1.07656	0.57655	1.13185	1.13185	0.799456	0.488035	1.13189	1.13189	0.297955	0.145939	0.435378	1
cg25744700	CTSH;CTSH	0.955077	0.79893	1.0919	1.0919	0.773369	1.13041	1.13041	0.614193	?	?	?	?	?	?	?	?	0.586616	1.39964	1.39964	?	?	?	?	0.731377	1.23495	?	?	?	0.96679	0.98957	5.27913	1
cg09988129	PMS2L2;STAG3L1;STAG3L1	0.955082	0.625111	0.613393	-1.63028	0.768279	1.34045	1.34045	0.735517	1.39974	1.39974	0.779733	1.32053	1.32053	0.528178	0.530041	-1.88665	0.349918	2.60663	2.60663	0.851087	0.829995	-1.20483	0.625907	0.614096	-1.62841	0.85494	1.19895	1.19895	0.292025	4.44937	11.8504	1
cg00582587	PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP;PDE4DIP	0.955109	0.262561	1.90372	1.90372	0.527705	0.915369	-1.09293	0.941104	1.06258	1.06258	0.755312	1.39544	1.39544	0.654473	1.39544	1.39544	0.655237	1.29955	1.29955	0.770125	0.641669	1.49171	1.49171	0.656469	1.49171	1.49171	0.656469	1.29756	1.29756	0.297859	0.15383	0.55607	1
cg24916555	RASSF7;C11orf35;RASSF7;RASSF7	0.955139	0.979303	0.97983	-1.02063	0.799513	0.818489	-1.22176	0.580141	1.55232	1.55232	0.583168	0.646509	-1.54677	0.658321	1.41945	1.41945	?	0.502627	1.19977	1.19977	0.342879	1.20924	1.20924	0.96099	1.01319	1.01319	0.875339	1.04296	1.04296	0.297682	0.183852	1.01033	1
cg04747978	TSC2	0.955184	0.817023	0.9398	-1.06406	0.37209	1.27895	1.27895	0.463189	1.22145	1.22145	0.881473	1.04074	1.04074	0.992845	0.997601	-1.0024	0.502627	1.19977	1.19977	0.342879	1.20924	1.20924	0.96099	1.01319	1.01319	0.875339	1.04296	1.04296	0.297682	0.183852	1.01033	1
cg19873023	GPR108;GPR108	0.955196	0.589968	0.818417	-1.09075	0.756731	1.11111	1.11111	0.754413	1.05386	1.05386	0.956446	1.1131	1.1131	0.85383	0.954448	-1.04819	0.573217	0.91314	-1.09512	0.240407	1.14043	1.14043	0.735583	1.0556	1.0556	0.514195	1.11138	1.11138	0.297653	0.120136	0.352673	1
ch.7.24354427	TFEC;TFEC	0.955208	0.523866	0.6984	-1.61332	0.690916	0.743845	-1.34437	0.538636	0.630456	-1.58615	0.323948	0.470344	-2.1261	0.939161	1.05815	1.05815	0.827494	0.850787	-1.17538	0.580019	0.661097	-1.51264	0.963731	0.966892	-1.03424	0.561766	1.54401	1.54401	0.297625	2.58428	7.71823	1
cg13440446	TLE1	0.955221	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.815951	1.3998	1.3998	0.101161	0.443756	0.60316	1
cg18192252	STL	0.955231	0.949826	0.99174	-1.00833	0.412227	1.11685	1.11685	0.578729	0.928739	-1.07673	0.596074	0.931916	-1.07306	0.806811	1.03282	1.03282	0.803828	1.03335	1.03335	0.567471	1.07916	1.07916	0.606944	0.933889	-1.07079	0.63045	0.938104	-1.06598	0.29757	0.08188	0.244592	1
cg01953283	SNAP91;SNAP91	0.955238	0.622782	0.924955	-1.08113	0.610497	1.10418	1.10418	0.807941	0.979954	-1.02046	0.327154	0.852865	-1.17252	0.589003	1.08972	1.08972	0.804048	1.10983	1.10983	0.568172	1.09501	1.09501	0.618907	1.02547	1.02547	0.953785	0.990023	-1.01016	0.297553	0.11666	0.344501	1
cg16131482	ATG2A	0.955238	0.779306	0.96555	1.06551	0.562661	0.876172	-1.14133	0.826504	1.05083	1.05083	0.692844	0.915235	-1.09381	0.680564	1.09801	1.09801	0.312805	1.789932	-1.26163	0.603033	1.12581	1.12581	0.900102	1.02877	1.02877	0.729159	0.924496	1.08167	0.297552	0.240401	0.718159	1
cg04875162	PABPC5;PABPC5	0.955247	0.494471	0.751081	-1.33141	0.846471	0.923137	-1.08326	0.811523	1.10358	1.10358	0.784256	1.11988	1.11988	0.468233	0.737494	-1.35594	0.452714	0.72934	-1.3711	0.43209	0.718351	-1.39208	0.891342	1.05801	1.05801	0.755496	1.13755	1.13755	0.297532	0.802123	2.39638	1
cg22384166	PIK3CA	0.955318	0.702939	0.875445	-1.14255	0.724228	1.10418	1.10418	0.974852	0.976584	-1.13981	0.913369	0.944104	-1.06258	0.755312	1.39544	1.39544	0.654473	1.29955	1.29955	0.770125	0.641669	1.49171	1.49171	0.656469	1.49171	1.49171	0.656469	1.29756	1.29756	0.297859	0.15383	0.55607	1
cg18701481	GM2A;GM2A	0.955327	0.330125	1.45019	1.45019	0.94915	0.976687	-1.02387	0.525227	1.26885	1.26885	0.953637	1.02174	1.02174	0.634133	0.837504	-1.19402	0.980822	1.00893	1.00893	0.945159	1.02577	1.02577	0.745586	0.886553	-1.12796	0.489676	0.771397	-1.29635	0.297342	0.644209	1.92583	1
cg24346507	ESRRG;ESRRG;ESRRG	0.955349	0.906744	1.04182	1.04182	0.847846	0.945746	-1.13143	0.827786	0.894624	-1.14529	0.719448	0.960739	-1.10941	0.653639	1.07242	1.07242	0.641003	1.78638	-1.27164	0.717149	0.830999	-1.20468	0.806573	1.13315	1.13315	0.529127	0.554853	1.80228	0.297329	0.473393	0.802228	1
cg13609065	SLC13A5;SLC13A5	0.955371	0.871484	1.12348	1.12348	0.438297	1.76569	1.76569	0.504001	1.62847	1.62847	0.587866	1.48215	1.48215	0.824365	1.17333	1.17333	0.99311	0.941417	-1.06223	0.231598	2.46529	2.46529	0.908058	1.08663	1.08663	0.894095	1.10052	1.10052	0.297236	2.4346	7.28068	1
cg12371895	DHX37	0.955382	0.883169	0.944734	-1.0589	0.86428	0.935581	-1.06885	0.626952	0.826436	-1.21002	0.410911	1.38718	1.38718	0.487358	0.759843	-1.31606	0.890625	1.05501	1.05501	0.824437	1.09033	1.09033	0.982122	0.991316	-1.00876	0.388958	0.709184	-1.41007	0.297213	0.713096	2.13269	1
cg20595267	PIBT2	0.955408	0.307082	0.708594	-1.41093	0.662852	0.827202	-1.2099	0.400404	0.844554	-1.18927	0.831366	0.901668	-1.10906	0.672808	0.812344	-1.23101	0.326547	0.644054	-1.55308	0.61242	0.786179	-1.25283	0.871289	0.931585	-1.07367	0.754159	0.871347	-1.14765	0.297203	0.904559	2.7054	1
cg27170383	CDCA8	0.955395	0.622045	1.15728	1.15728	0.736849	0.905611	-1.10423	0.485841	1.23144	1.23144	0.59924	1.16869	1.16869	0.900541	0.963911	-1.03744	?	0.958677	0.984883	-1.01535	0.392438	0.772934	-1.29377	0.538849	1.20072	1.20072	0.953343	1.03735	1.01735	0.297181	0.406769	1.21667	1
cg17830781	CALCA;CALCA	0.955432	0.638584	1.30925	1.30925	0.555544	1.40046	1.40046	0.610625	1.06827	1.06827	0.631785	1.30704	1.30704	0.733176	1.76093	1.76093	0.80434	1.10983	1.10983	0.568172	1.3233	1.3233	0.745586	1.554	1.554	0.489676	1.31622	1.31622	0.297092	0.15062	0.44881	1
cg12463051	ZNF644;ZNF644;ZNF644	0.955435	0.265277	1.82107	1.82107	0.886087	1.07682	1.07682	0.731098	0.836842	-1.19497	0.632851	0.77997	-1.2821	0.988739	0.99274	1.00731	?	0.900937	0.937725	-1.06641	0.796788	1.00208	0.97073	0.981234	-1.01912	0.472381	0.685644	1.45488	0.297049	2.54519	3.75304	1
cg06972153	SOX4;SOX4	0.955453	0.959336	0.963662	-1.03749	0.796912	0.830137	-1.20462	0.701137	0.757013	-1.32098

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Proband ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 047 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1217 vs. N)	Fold-Change(1 217 vs. N)	p-value(3477 vs. N)	Fold-Change(1 vs.3477)	p-value(3477 vs. N)	Fold-Change(1 vs.3537)	p-value(3537 vs. N)	Fold-Change(1 537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 537 vs. N)	p-value(5637 vs. N)	Fold-Change(1 637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
qs26378949	PWWP2A;PWWP2A	0.9567	0.8183895	0.960255	-1.03534	0.350079	0.865518	-1.15538	0.975092	1.0047	1.0047	0.842552	1.030331	1.030331	0.849446	0.971868	-1.02895	0.865158	0.974802	-1.02585	0.489836	0.900025	-1.11108	0.319924	0.859091	-1.16687	0.823615	1.03409	0.29406	0.105006	0.317415	1
qs35381383	PPP1R12A;PPP1R12A;PPP1R12A	0.956726	0.84283	0.928951	-1.07648	0.503192	0.777065	-1.28689	0.287405	0.663601	-1.50693	0.904558	1.04554	1.04554	0.912515	0.96002	-1.04164	0.627183	1.19926	1.19926	0.932427	0.969006	-1.03198	0.85669	1.06941	1.06941	0.511028	0.780576	-1.2808	0.293997	0.641748	1.9403	1
qs04172348	SYN2;SYN2;SYN2;SYN2	0.956738	0.6446326	0.747211	-1.33831	0.693461	0.779992	-1.28218	0.812447	1.16083	1.16083	0.324916	1.89235	1.89235	0.927382	1.05836	1.05836	0.913639	1.07044	1.07044	0.449533	1.62173	1.62173	0.560209	1.44715	1.44715	0.753503	1.21855	1.21855	0.293968	1.83291	5.54228	1
qs23329079	METRNL	0.957396	0.8753382	1.12643	1.12643	0.816774	1.1925	1.1925	0.610002	1.47731	1.47731	0.682595	1.366	1.366	0.340094	0.474386	-2.10812	0.859874	0.874556	-1.14324	0.518239	1.64352	1.64352	0.597374	0.667424	-1.4983	0.902442	0.911174	1.07043	0.293965	0.67898	8.10067	1
qs19382765	ST13;XPNPEP3	0.956751	0.593134	1.11264	1.11264	0.694265	0.924796	-1.08132	0.723846	1.07273	1.07273	0.727935	0.932219	-1.07156	0.389868	1.19051	1.19051	0.541903	1.12997	1.12997	0.531738	0.882179	-1.13356	0.872495	0.968714	-1.0323	0.971524	1.00709	1.00709	0.293936	0.182331	0.551384	1
qs22487209	ELP3;ELP3	0.95676	0.4729275	2.03964	2.03964	0.742665	1.37897	1.37897	0.888461	1.14687	1.14687	0.458109	2.09133	2.09133	?	?	?	0.48605	1.99609	1.99609	?	?	?	0.908899	1.03753	1.03753	0.493475	1.97211	1.97211	0.292931	2.97103	13.4345	1
qs26840861	PAX6;PAX6;PAX6	0.956765	0.6584511	0.755286	-1.324	0.799057	1.1746	1.1746	0.414654	1.69223	1.69223	0.893591	1.0881	1.0881	0.609781	1.38367	1.38367	0.897052	1.08509	1.08509	?	?	?	0.945371	0.95769	-1.04418	0.353244	1.82685	1.82685	0.275205	1.54198	5.60303	1
qs27387663	PCDH2;PCDH2	0.956802	0.435511	0.622918	-1.60535	0.433166	1.05117	1.05117	0.757282	1.20254	1.20254	0.312606	0.537175	-1.86159	0.561058	0.704887	-1.41967	0.524415	0.681272	-1.46784	0.775675	0.843683	-1.18528	0.819367	0.879956	-1.13771	0.878322	1.09983	1.09983	0.293813	1.64714	4.98318	1
qs14085012	AMPH;AMPH	0.956818	0.500626	1.36431	1.36431	0.744178	0.863315	-1.15833	0.512992	1.15468	1.15468	0.844858	0.919941	-1.08703	0.808172	1.11687	1.11687	0.569102	1.29887	1.29887	0.241208	1.74628	1.74628	0.7975	1.12393	1.12393	0.994391	0.996811	1.00332	0.293776	0.96074	2.90935	1
qs22230508	RAB30 MAGI1;MAGI1;MAGI1;MAGI1;MAGI1;	0.956836	0.640378	1.46176	1.46176	0.502047	1.73276	1.73276	0.474701	1.79783	1.79783	0.875565	1.13479	1.13479	?	?	?	0.665078	1.42112	1.42112	?	?	?	0.650572	0.692159	-1.44476	0.811832	0.824951	-1.21219	0.252751	2.027	9.16543	1
qs09964204	MAGI1	0.956856	0.985646	0.998094	-1.00191	0.818092	0.975867	-1.02473	0.91324	0.98851	-1.01162	0.570492	1.06268	1.06268	0.35286	1.10668	1.10668	0.716566	1.03942	1.03942	0.550912	1.06607	1.06607	0.851725	0.980354	-1.02004	0.368077	1.103	1.103	0.293684	0.052297	0.158286	1
qs10454248	FAM124A	0.956909	0.8927356	0.911105	-1.09721	0.853719	1.04086	1.04086	0.734953	1.26425	1.26425	0.387159	1.84352	1.84352	?	?	?	0.514382	0.633647	-1.57817	0.608841	1.42783	1.42783	0.747727	1.25012	1.25012	0.562107	1.4985	1.4985	0.274859	1.84252	6.70352	1
qs07429515	TBCD	0.956915	0.6460133	0.840416	-1.19058	0.650235	1.18908	1.18908	0.781275	0.89979	-1.11137	0.355628	0.697347	-1.43401	0.605085	0.820456	-1.21883	0.570892	0.804706	-1.24269	0.701478	1.15733	1.15733	0.502349	0.772384	-1.29469	0.989683	0.995107	1.00492	0.29354	0.669091	2.02612	1
qs16468187	C16orf5	0.956966	0.416391	1.76592	1.76592	0.892403	0.91178	-1.09676	0.907682	1.08238	1.08238	0.798981	0.840138	-1.19028	0.925987	0.938564	-1.06546	0.958682	1.03598	1.03598	0.261867	2.23334	2.23334	0.622528	1.40353	1.40353	0.828099	1.16	1.16	0.287542	0.07582	5.61493	1
qs05753589	PRKCZ;PRKCZ;PRKCZ	0.957003	0.977423	0.988535	-1.01674	0.419437	1.6017	1.6017	0.717897	0.888461	1.14687	1.14687	0.458109	2.09133	2.09133	?	?	0.482605	1.99609	1.99609	?	?	?	0.908899	1.03753	1.03753	0.493475	1.97211	1.97211	0.292931	2.97103	13.4345	1
qs05264760	PIR12	0.957007	0.34497	1.30184	1.30184	0.818184	1.06443	1.06443	0.803777	1.06984	1.06984	0.87923	0.959606	-1.04209	0.715092	1.10452	1.10452	0.560685	0.852536	-1.17297	0.362826	1.28869	1.28869	0.928681	0.976016	-1.02457	0.947904	1.01788	1.01788	0.29332	0.341622	1.03527	1
qs05750081	RAB8A MCFD2;MCFD2;MCFD2;MCFD2;MCFD2	0.957051	0.223693	0.656711	-1.52274	0.974709	0.01048	1.01048	0.492731	0.795195	-1.25755	0.654725	0.862307	-1.15919	0.935706	0.97381	-1.02689	0.948007	0.978777	-1.02168	0.874945	1.05317	1.05317	0.758075	1.09403	1.09403	0.70916	0.884046	-1.13116	0.293213	0.50249	1.52332	1
qs05783302	MCFD2;MCFD2	0.957061	0.6206889	1.40196	1.40196	0.280445	2.13803	2.13803	0.983241	0.985874	-1.01433	0.868839	0.8941	-1.11844	?	?	?	0.514302	1.56506	1.56506	0.767883	0.818352	-1.22197	0.993891	1.0052	1.0052	0.928178	1.06297	1.06297	0.274494	1.77273	6.4582	1
qs11959007	UMOD;UMOD	0.95709	0.4234618	1.537556	-1.86207	0.910047	0.977756	-1.08959	0.561639	0.677918	-1.4751	0.456747	0.592478	-1.77946	0.424525	0.538387	-1.8574	0.439216	0.54939	-1.8202	0.863047	1.03778	1.03778	0.758547	1.26374	1.26374	0.7116	0.754332	1.32568	0.293118	2.6757	8.11412	1
qs10507281	SAMD4A;SAMD4A;SAMD4A	0.957094	0.685782	1.42773	1.42773	0.822554	1.21731	1.21731	0.698996	1.40518	1.40518	0.545834	1.51499	1.51499	0.394328	2.18767	2.18767	0.66261	1.46866	1.46866	0.454175	1.94929	1.94929	0.346003	2.33878	2.33878	0.393633	2.14896	2.14896	0.293039	3.55791	10.7898	1
qs19078123	RAP1GAP2;RAP1GAP2 NKX2-5;NKX2-5;NKX2-5;NKX2-5;NKX2	0.957119	0.822708	0.862775	-1.15905	0.918212	0.934675	-1.06989	0.985341	1.01216	1.01216	0.556364	0.676167	-1.47893	0.440739	0.59625	-1.67715	0.809629	1.17203	1.17203	0.232993	0.483117	-2.27626	0.889258	0.91244	-1.09596	0.73154	0.798726	-1.25199	0.293047	2.00773	6.08997	1
qs08314105	5;NKX2-5	0.957185	0.507827	0.351394	-2.84581	0.96946	1.06141	1.06141	0.414506	0.36369	0.460191	0.310209	-3.22363	0.761655	0.622785	-1.60569	0.459807	0.309887	-3.22609	0.915603	0.84788	-1.17941	0.99536	1.00909	1.00909	0.978333	1.04828	1.04828	0.288228	1.12408	34.1149	1
qs00585626	CCDC63	0.957201	0.7901682	1.10893	1.10893	0.713534	0.866824	-1.15364	0.5644	0.770564	-1.29794	0.602705	0.953703	-1.04854	0.427008	0.525524	-1.90264	0.759569	1.16033	1.16033	0.534899	0.98978	0.98978	0.668913	1.34666	1.34666	0.871946	1.11807	1.11807	0.292538	2.21771	6.73861	1
qs09284493	OZF4	0.957202	0.6406881	1.61092	1.61092	0.301424	2.9624	2.9624	0.542018	1.87028	1.87028	0.561492	1.81391	1.81391	0.604488	0.588602	-1.69894	0.927351	0.911647	-1.09692	0.991877	1.01038	1.01038	0.777667	1.3326	1.3326	0.620927	1.65805	1.65805	0.292846	4.77181	14.4841	1
qs03280967	TBMJ2 CCNDBP1;CCNDBP1;CCNDBP1;CCNDBP	0.957209	0.8694401	0.965542	-1.03569	0.299408	0.79504	-1.2578	0.928283	1.01937	1.01937	0.444934	0.847093	-1.18051	0.811826	0.950447	-1.05214	0.948007	0.978777	-1.02168	0.874945	1.05317	1.05317	0.758075	1.09403	1.09403	0.70916	0.884046	-1.13116	0.293213	0.50249	1.52332	1
qs02935760	S	0.957217	0.999925	1.00001	1.00001	0.704716	1.05101	1.05101	0.534526	0.921086	-1.08567	0.995639	1.00071	1.00071	0.467562	1.10142	1.10142	0.673343	0.946098	-1.05697	0.485207	0.911483	-1.09711	0.913543	0.985908	-1.01429	0.509936	1.09128	1.09128	0.292811	0.079195	0.240414	1
qs20697257	PLEKHG2	0.957226	0.46724	1.3987	1.3987	0.760407	1.09776	-1.08959	0.561639	0.677918	-1.4751	0.456747	0.592478	-1.77946	0.424525	0.538387	-1.8574	0.762679	1.10233	1.10233	0.883633	1.03263	1.03263	-1.08268	0.565526	1.20542	1.20542	0.663126	1.16812	1.16812	0.292787	0.479805	1.45694	1
qs03039483	HDX	0.957235	0.21006	0.313206	-3.19278	0.729547	0.737105	-1.35666	0.979511	1.02283	1.02283	0.618023	1.55555	1.55555	0.693747	0.889749	-1.12462	0.588445	0.618705	-1.61628	0.824731	0.822886	-1.21523	0.851083	0.847746	-1.1796	0.875338	0.871116	-1.14795	0.292766	3.58146	10.874	1
qs27193327	SEPT9;SEPT9;SEPT9	0.95728	0.611754	1.634572	-1.34643	0.476136	1.599024	-1.66688	0.866758	1.12572	1.12572	0.549394	0.724449	-1.38093	0.382949	0.533082	-1.87541	0.931078	0.98119	-1.01929	0.945152	0.633565	-1.62082	0.813538	0.829507	0.988458	0.972174	0.778166	1.28507	0.292811	0.72092	2.12129	1
qs22120094	ZHX2	0.957281	0.736979	2.01145	2.01145	?	?	0.637558	0.373006	-2.68092	?	?	?	?	?	?	?	0.746885	1.95672	1.95672	0.587298	3.12878	3.12878	0.904683	0.780481	-1.28126	0.566014	1.34834	3.34834	0.211876	0.782375	34.5436	1
qs04352115	KIF22	0.957286	0.821866	1.33086	1.33086	0.837536	0.770868	-1.29724	0.935187	0.902046	-1.10859	0.740148	1.52481	1.52481	0.318052	0.270331	-1.69917	0.785776	1.40823	1.40823	0.489228	0.41048	-2.43617	?	?	?	0.690361	0.601974	-1.6612	0.273954	0.619613	22.6175	1
qs26281235	ZNF609	0.957295	0.9502722	1.08433	1.08433	0.737934	0.937939	-1.06656	0.966599	1.00291	1.00291	0.806696	1.00291	1.00291	0.880892	1.02655	1.02655	0.550127	1.47447	1.47447	0.897333	0.360309	1.96126	1.96126	0.295544	1.74274	1.74274	0.311686	1.26212	1.26212	0.29262	2.3774	2.2218	1
qs21288099	RRAS2;RRAS2	0.957301	0.424811	1.5667	1.5667	0.432402	1.5548	1.5548	0.400587	1.60634	1.60634	0.83163	1.12444	1.12444	0.415901	1.58097	1.58097	0.609077	1.32859	1.32859	0.829375	0.887911	-1.12624	0.750721	1.19192	1.19192	0.660645	1.27552	1.27552	0.292607	1.40618	4.27173	1
qs06062445	SCARA5	0.957328	0.9862221	1.01469	1.01469	0.553351	1.17371	1.17371	0.734265	1.09663	1.09663	0.874589	1.06376	1.06376	0.895652	1.02621	1.02621	0.63551	1.57351	1.57351	1.1824	0.754896	1.36126	1.36126	0.360379	2.77538	2.77538	0.405252	2.2119	2.2119	0.859351	0.953039	1.04927	0.292754	0.340721	1.03529	1
qs02124524	KIAA0182;KIAA0182	0.957329	0.382465	1.85831	1.85831	0.471151	1.66056	1.66056	0.559568	1.50413	1.50413	0.877906	1.11222	1.11222	0.891015	0.90951	-1.09944	0.857218	1.882851	-1.13269	0.334899	1.98978	1.98978	0.668913	1.34666	1.34666	0.871946	1.11807	1.11807	0.292538	2.21771	6.73861	1
qs09700040	CLSTN1;PIK3CD;CLSTN1	0.957331	0.556742	1.48284	1.48284	0.583638	1.4432	1.4432	0.446826	1.67183	1.67183	0.828986	1.15416	1.15416	0.392088	1.78809	1.78809	0.493472	1.58557	1.58557	0.904504	1.0828	1.0828	0.325818	1.959	1.959	0.825217	1.15789	1.15789	0.292535	2.03537	6.18462	1
qs07799005	MALAT1	0.957345	0.971245	1.00808	1.00808	0.842703	0.930726	-1.12951	0.813475	1.12595	1.12595	0.865466	0.962962	-1.03896	0.872552	1.03703	1.03703	0.943388	0.984269	-1.01588	0.572742	0.880518	-1.13559	0.739624	0.748514	-1.08553	0.539972	1.14858	1.14858	0.292707	0.204001	0.701749	1
qs23038014	NR2F2;NR2F2;NR2F2;NR2F2	0.957353	0.44164	0.402802	-2.48261	0.854418	1.23723	1.23723	0.942828	1.08668	1.08668	0.39291	0.362645	-2.75752	0.494829	0.447812	-2.23308	0.451992	0.411456	-2.43039	0.971308	0.950715	1.02454	0.855974	1.23438	1.23438	0.824563	1.29345	1.29345	0.292695	0.62195	18.9094	1
qs06562283	OZZ4	0.957356	0.8183232	1.08433	1.08433	0.737934	0.866824	-1.15364	0.5644	0.770564	-1.29794	0.602705	0.953703	-1.04854	0.427008	0.525524	-1.90264	0.759569	1.16033	1.16033	0.534899	0.98978	0.98978	0.668913	1.34666	1.34666	0.871946	1.11807	1.11807	0.292538	2.21771	6.73861	1
qs03848004	MAN1C1	0.957384	0.607885	0.879533	-1.13697	0.986164	1.00431	1.00431	0.43018	0.818956	-1.22107	0.91995	0.973546	-1.02717	0.791689	0.936453	1.06786	0.318477	1.29141	1.29141	0.690722	0.905566	-1.10428	0.843028	0.9504	1.0504	0.893235	0.967242	-1.03387	0.292404	0.284903	0.866087	1
qs03871143	ARID5;RAB35 MSH5;MSH5;MSH5;MSH5;MSH5;MSH5	0.957413	0.770844	0.948413	-1.05439	0.869529	0.970628	-1.03026	0.787817	1.05014	1.05014	0.693412	0.930434	-1.07477	0.96122	1.00886	1.00886	0.812602	0.957846	-1.04401	0.178127	0.771456	-1.29625	0.88276	1.02712	1.02712	0.42967	0.987042	-1.01033	0.293235	0.152266	0.462989	1
qs19121857	MSH5;MSH5	0.957429	0.810587	0.884529	-1.13055	0.327348	0.59648	-1.6765	0.715224	0.829234	-1.20593	0.68933	1.22796	1.22796	0.463509	1.46421	1.46421	0.861722	1.09318	1.09318	0.73108	0.838362	-1.1928	0.807793	1.13264	1.13264	0.73812	0.84242	-1.18706	0.292296	1.20895	3.67647	1
qs24171294	PFKFB3	0.957435	1.02005	1.13817	1.13817	0.836244	0.765695	1.305	0.728004	1.16508	1.16508	0.406272	2.39918	2.39918	0.816936	1.43715	1.43715	0.762679	1.10233	1.10233	0.883633	1.03263	1.03263	-1.08268	0.565526	1.20542	1.20542	0.663126	1.16812	1.16812	0.292787	0.479805	1.45694	1
qs05191076	EPHA5;EPHA5	0.95744	0.474673	0.710878	-1.40671	0.978867	0.987644	-1.01251	0.458892	1.42476	1.42476	0.655174	0.809784	-1.2349	0.744393	0.857646	-1.16598	0.769277	1.871046	-1.14804	0.796808	1.12875	1.12875	0.895855	0.940379	-1.0634	0.372427	0.650624	-1.53699	0.292269	1.01985	3.10169	1
qs21945151	ASPA;ASPA	0.957453	0.368372	0.467643	-2.05092	0.9778	0.949502	-1.05268	0.960288	1.00258	1.00258	0.704841	0.742137	-1.34747	0.727978	1.31166	1.31166	0.460495	0.557774	-1.79284	0.893122	0.908827	-1.11009	0.828116	1.18405	1.18405	0.968956	0.970216	-1.0307	0.959412	1.04033	1.04033	0.292236	2.79399	8.49842	1
qs16781992	KCNIP4;KCNIP4;KCNIP4;KCNIP4	0.957464	0.5951449	0.745041	-1.34221	0.557104	0.594673	-1.6816	0.594921	0.745832	-1.34079	0.727883	0.825564	-1.21179	0.560608	0.724035	-1.38115	0.416583	0.634057	-1.57714	0.613471	0.695131	-1.43858	0.586319	0.602251	-1.66044	0.771926	0.852577	-1.17292	0.292212	1.3937	4.23954	1
qs07442657	KCMF1;KCMF1	0.957504	0.458533	0.846328	-1.18157	0.611297	1.11996	1.11996	0.396191	1.21176	1.21176	0.873731	0.965455	-1.03576	0.895488	0.971421	-1.02942	0.617622	1.11768	1.11768	0.900145	0.972978	-1.02777	0.796539	1.05878	1.05878	0.531891	1.15023	1.15023	0.292113	0.226057	0.687882	1
qs11773779	ARHGAP26;ARHGAP26	0.957533	0.799523	1.08433	1.08433	0.737934	0.937939	-1.06656	0.966599	1.00291	1.00291	0.806696	1.00291	1.00291	0.880892	1.02655	1.02655	0.550127	1.47447	1.47447	0.897333	0.360309	1.96126	1.96126	0.295544	1.74274	1.74274	0.311686	1.26212	1.26212	0.29262	2.3774	2.2218	1
qs14778311	GPC6	0.957542	0.8906221	1.03315	1.03315	0.896937	1.03036	1.03036	0.898238	0.970126	-1.03079	0.451187	1.19958	1.19958	0.305328	1.28609	1.28609	0.998301	0.999496	-1.0005	0.912598	0.974309	-1.02637	0.762483	1.07449	1.07449	0.490025	0.849868	-1.17665	0.292022	0.259876	0.791041	1
qs06869055	FEM1C;FEM1C	0.957545	0.87148	0.895993	1.11639	0.735017	1.17385	1.17385	0.999627	0.44548	-2.24477	?	?	?	?	0.98011	0.970974	1.02357	?	?	?	0.98011	0.970974	1.02357	?	?	?	0.49258	0.449258	0.879614	1.15216	1.15216	0.292287	0.99297	10.5782	1
qs18412431	ACTN2	0.957564	0.797325	1.12611	1.12611	0.323069	1.60166	1.60166	0.989991	1.00581	1.00581	0.868487	1.07948	1.07948	0.776178	1.14017	1.14017	0.54126	0.751709	1.33053	0.447655	1.46833	0.988696	1.00075	1.00075	0.606001	1.27134	1.27134	0.291967	0.98483	2.9983	1
qs10505791	HYOU1;HYOU1	0.957576	0.774906	1.08951	1.08951	0.459535	0.798379	-1.25254	0.701607	0.891266	-1.122	0.663184	0.87719	-1.14	0.860326	0.9487	-1.05407	0.983846	0.993965	-1.00607	0.306498	0.72865	-1.3724	0.582714	1.18047	1.18047	0.962286	0.985961	-1.01424	0.291938	0.413381	1.25866	1
qs13986130	PTEG2	0.957593	0.547182	0.694914	-1.43985	0.955451	1.13349	1.13349	0.644069	1.10471	1.10471	0.802502	0.944442	-1.05885	0.923738	1.0258	1.0258	0.508579	0.858109	-1.1655	0.827117	1.05118	1.05118	0.828102	0.908187	1.10052	1.10052	0.705871	0.974517	0.847084	1.18052	1.18052	0.291855	0.240671	0.733003	1
qs11972721	MED9	0.957612	0.888748	0.17887	0.17887	0.947721	0.03621	1.03621	0.747739	1.19128	1.19128	0.217605	2.02085	2.02085	0.700241	0.810667	-1.23355	0.991863	0.994484	-1.00555	0.967126	1.0226	1.0226	0.846765	1.11064	1.11064	0.592784	0.74617	-1.34018	0.291185	1.35981	4.14157	1
qs10183734	BRMS1L;BRMS1L	0.957631	0.698723	1.60277	1.60277	0.703752	0.618349	1.60277	0.703752	0.880061	1.88061	?	?	?	?	0.689792	1.62694	1.62694	1.20504	1.20504	?	?	?	0.689792	1.62694	1.62694	1.20504	1.20504	?	?	1.19459	1.19459	0.226623	3.82997	3.62497	17.7147	1
qs03324821	SYT3;SYT3	0.957653	0.525969	1.41529	1.41529	0.825258	0.887347	-1.12696	0.450281	0.659817	-1.51557	0.812271	1.13723	1.13723	0.380875	1.6255	1.6255	0.627639	1.30238	1.30238	0.889815	1.0778	1.0778	0.749191	0.840824	-1.18931	0.963269	0.975416	-1.0252	0.291751	1.34993	4.11287	1
qs07753791	ZNF566;ZNF566;ZNF566;ZNF566	0.957657	0.97676	1.00803	1.00803	0.784443	1.07818	1.07818	0.803577	1.07081	1.07081	0.908734	0.969007	-1.03198	0.58191	1.16494	1.16494	0.346441	0.7663	-1.30497	0.91637	1.02926	1.02926	0.79807	1.07292	1.07292	0.372962	1.28544	1.28544	0.291741	0.348253	1.06107	1
qs19260474	ATP11A;ATP11A	0.957662	0.785795	1.08433	1.08433	0.737934	0.937939	-1.06656	0.966599	1.00291	1.00291	0.806696	0.93623	-1.06811	0.832102	1.4653	1.4653	0.431863	0.550502	1.81672	0.774409	1.25133	1.25133	0.648417	1.24453	1.24453	0.90732	1.05707	1.05707	0.291729	1.04917	3.1568	1
qs07370905	WDR52 TYW3;CRYZ;CRYZ;TYW3;TYW3;CRYZ;CR	0.957709	0.685424	1.12283	1.12283	0.310431	1.34793	1.34793	0.86666	0.953316	-1.04897	0.881146	0.958329	-1.04348	0.713492	0.900406	1.11061	0.479913	1.22784	1.22784	0.465798	1.2351	1.2351	0.938982	1.02202	1.02202	0.925573	1.02694	1.02694	0.291615	0.373776	1.13933	1
qs21900852	YZ	0.957733	0.462461	0.609726	-1.64008	0.321749	0.508096	-1.96813	0.409888	0.572677	-1.74619	0.725828	0.792288	-1.26217	0.73205	0.796654	-1.25525	0.645389	0.736028	-1.35864	0.756621	0.814136	-1.2283	0.408017	0.571336	-1.75028	0.972021	0.977069	-1.02347	0.291555	2.0202	6.15915	1
qs05566591	MOC2324;SNAI3	0.957736	0.842248	1.40904	1.40904	0.613927	2.3998	2.3998	0.819536	1.48178	1.48178	0.535023	0.339215	-2.94798	?	?	?	0.44459	3.82336	3.82336	0.547971	0.351264	-2.84686	0.777134	0.613639	-1.62962	0.836447	0.700663	-1.42722	0.272865	11.3758	41.6903	1
qs19436077	PAOX;PAOX;PAOX;PAOX;PAOX;PAOX	0.957773	0.745972	1.18007	1.18007	0.79953	1.16237	1.16237	0.521508	1.16238	1.16238	0.859181	1.09467	1.09467	0.872634	1.09467	1.09467	0.678261	1.12675	1.12675	0.671684	1.24253	1.24253	0.479232	0.693241	-1.4425	0.805454	1.00022	1.00022	0.291458	0.10961	3.65248	1
qs25565479	PANX1	0.957776	0.6205	1.22006	1.22006	0.576691	1.25123	1.25123	0.327109	1.49651	1.49651	0.980696	0.990405	-1.00969

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1437 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg13197285	C1orf109	0.958708	0.940059	1.01794	1.01744	0.789357	0.939335	-1.06458	0.657449	1.01806	1.01806	0.489158	0.850832	-1.17532	0.560634	0.873472	-1.14486	0.571147	1.14064	1.14064	0.790173	1.16323	1.16323	0.533175	1.15617	1.15617	0.563281	1.14379	0.289165	0.2428282	0.744157	1
cg00982357	NXT1	0.958709	0.989417	1.00555	1.005555	0.558211	1.28157	1.28157	0.848041	0.923038	-1.08338	0.316152	1.54133	1.54133	0.446236	1.38282	1.38282	0.708332	1.16986	1.16986	0.910255	1.0482	1.0482	0.622638	0.812961	-1.23007	0.978339	0.98873	-1.0114	0.289163	0.798136	2.45347	1
cg00972756	C18orf22	0.958728	0.776326	0.827712	-1.20815	0.932465	0.944793	-1.05843	0.729977	1.26131	1.26131	0.907226	1.08124	1.08124	0.452277	0.598657	-1.67041	0.435022	0.586458	-1.70515	0.533036	1.52659	1.52659	0.874522	1.1117	1.1117	0.515763	0.643054	-1.55508	0.289115	2.05561	6.32001	1
cg01865113	SOX9	0.958741	0.855116	0.930182	-1.07506	0.558865	1.26364	1.26364	0.328297	1.49113	1.49113	0.83903	1.08387	1.08387	0.728035	1.14823	1.14823	0.859502	1.07264	1.07264	0.664807	0.841459	-1.18841	0.672502	0.840052	-1.18336	0.516528	1.3025	1.3025	0.289084	0.717855	2.20729	1
cg09859272	RFC5;RFC5;RFC5;RFC5	0.958745	0.680295	0.641556	-1.55871	0.70382	1.44767	1.44767	0.415179	2.44049	2.44049	0.900504	0.874599	-1.14338	0.733643	1.4418	1.4418	0.581002	1.81697	1.81697	0.828835	1.26104	1.26104	0.428217	1.37844	1.37844	0.40783	1.27681	0.289073	0.525382	16.1553	1
cg15096820	GPR37L1	0.958753	0.963411	1.05631	1.05631	0.760587	0.694232	-1.44044	0.449056	0.39805	-2.51225	0.638558	0.7937	1.25937	0.660313	0.580719	-1.69572	0.643395	0.571144	-1.75087	0.851384	0.799343	-1.25103	0.781684	1.39338	1.39338	0.391424	2.85353	2.85353	0.288053	0.52789	20.0744	1
cg17059263	MND1	0.958767	0.835241	0.838403	-1.19274	0.213422	3.05703	3.05703	0.651551	1.4697	1.4697	0.668079	1.44098	1.44098	0.743132	1.32101	1.32101	0.663271	1.44924	1.44924	0.833709	0.837005	-1.19474	0.779346	1.26839	1.26839	0.789116	1.25471	1.25471	0.283165	3.14317	8.63343	1
cg14214121	DYNLL1;DYNLL1;DYNLL1	0.95878	0.635209	0.700903	-1.42662	0.979336	1.95439	1.95439	0.570358	1.51191	1.51191	0.728719	1.29553	1.29553	0.415441	1.86589	1.86589	0.931001	0.937651	-1.06653	0.887351	1.01147	1.01147	0.726109	0.969867	-1.03089	0.731163	1.29237	1.29237	0.288987	2.53105	7.78519	1
cg09375094	TUBAL3	0.9588	0.550107	1.58644	1.58644	0.452468	1.79356	1.79356	0.831617	1.19452	1.19452	0.570123	1.54596	1.54596	0.643315	1.25735	1.25735	0.540284	1.60511	1.60511	0.976247	1.02298	1.02298	0.635323	0.693081	-1.44283	0.83239	1.850646	-1.17558	0.288938	2.66586	8.20124	1
cg03896940	BAI1	0.958804	0.456267	0.628871	-1.59015	0.280851	0.503986	-1.98418	0.85193	0.89737	-1.11437	0.587857	0.715702	-1.39723	0.936098	0.952164	-1.05024	0.653062	0.7577	-1.31978	0.651292	1.32066	1.32066	0.98171	0.986084	-1.01411	0.950236	1.03889	1.03889	0.288929	1.70999	5.26079	1
cg18375586	FAM171A1	0.958813	0.495219	0.80236	-1.24585	0.49655	0.89738	-1.11973	0.4667	1.87742	1.87742	0.573556	1.62256	1.62256	0.570126	0.971835	-1.02898	0.445257	1.9385	1.9385	0.697764	0.771521	-1.29593	0.997489	1.00268	1.00268	0.624742	1.52096	1.52096	0.288904	3.31073	10.1863	1
cg01153872	HDAC4	0.958827	0.422426	0.5392	-1.8546	0.717888	0.760729	-1.31453	0.543792	0.629282	-1.58911	0.796963	1.21451	1.21451	0.205705	0.888323	-1.12552	0.859438	1.16325	1.16325	0.842506	0.840506	-1.18693	0.834876	0.854415	-1.17039	0.288371	2.59943	7.99873	1
cg19838198	ANKLE2	0.958839	0.512887	0.68778	-1.47543	0.940327	1.04486	1.04486	0.784278	1.20044	1.20044	0.749889	1.20617	1.20617	0.253654	0.497236	-2.01112	0.686247	0.788212	-1.26827	0.764624	0.828899	-1.20642	0.975281	1.01833	1.01833	0.991204	0.952057	-1.05036	0.28884	1.57138	4.83984	1
cg18404600	NAGK	0.95885	0.52483	1.41464	1.41464	0.607578	1.32156	1.32156	0.98652	1.00914	1.00914	0.978938	1.01431	1.01431	0.744889	0.748432	-1.19213	0.452011	0.662036	-1.51049	0.393927	0.624976	-1.60006	0.867039	1.09439	1.09439	0.846345	1.11008	1.11008	0.288815	1.32532	4.07897	1
cg14211646	DHDDS;DHDDS	0.958871	0.888453	1.02695	1.02695	0.517395	1.13245	1.13245	0.329341	1.23019	1.23019	0.804654	0.954124	-1.04808	0.946788	0.987431	-1.01273	0.686368	0.925957	-1.07996	0.934893	1.0155	1.0155	0.511727	0.892004	-1.12107	0.66706	1.08547	1.08547	0.288726	0.641245	0.505589	1
cg00497219	C4orf44;C4orf44	0.958873	0.707622	1.2382	1.23282	0.976534	1.00687	1.00687	0.203097	2.6884	2.6884	0.97445	0.985714	-1.01449	0.946009	1.11207	1.11207	0.7078	1.81002	1.23453	0.732826	0.823038	-1.21501	0.781918	1.16799	1.16799	0.844008	0.895419	-1.11655	0.288737	1.43202	4.40822	1
cg17856495	FBXL14	0.958873	0.885372	1.07261	1.07261	0.593656	1.29914	1.29914	0.188428	1.96838	1.96838	0.686961	1.21757	1.21757	0.843551	0.908446	-1.10078	0.826814	1.23764	1.23764	0.975545	0.985214	-1.01501	0.885282	1.07267	1.07267	0.858442	1.09063	1.09063	0.288756	1.07996	3.32448	1
cg03150857	FLJ56101;FLJ36031 KDM5A;KDM5A;KDM5A;CCDC77;CCDC	0.958884	0.344999	0.693801	-1.44134	0.945933	1.02582	1.02582	0.719555	1.14513	1.14513	0.56826	0.804455	-1.24308	0.705497	0.867016	-1.15338	0.403432	0.725167	-1.37899	0.829769	1.08429	1.08429	0.610697	0.842509	-1.18708	0.732351	1.10458	1.10458	0.288731	0.64599	1.98875	1
cg11225935	77;KDM5A	0.958914	0.528668	0.868017	-1.15205	0.294116	0.785603	-1.27291	0.806455	0.947023	-1.05594	0.974636	1.00708	1.00708	0.789498	0.942393	-1.06113	0.9856	0.996006	-1.00401	0.731908	0.926578	-1.07924	0.777301	1.0649	1.0649	0.521654	1.15491	1.15491	0.288657	0.2248802	0.692253	1
cg06536874	RGS4;RGS4;RGS4;RGS4	0.958914	0.557946	1.64068	1.64068	0.928936	1.50211	1.50211	0.974864	0.938507	-1.06552	0.934981	1.56574	1.56574	0.48573	1.80746	1.80746	0.678123	1.41728	1.41728	0.817493	1.27126	1.27126	0.427534	1.97436	1.97436	0.553246	1.65238	1.65238	0.288656	3.19201	9.82951	1
cg12661088	ZNF131	0.958914	0.756348	0.952855	-1.04948	0.806236	0.962587	-1.03887	0.550109	0.98836	0.98836	0.606817	0.922614	-1.08388	0.549741	1.09846	1.09846	0.592669	1.0874	1.0874	0.724332	0.94654	-1.05648	0.837163	0.968573	-1.03245	0.438689	1.13038	1.13038	0.288655	1.00063	0.33803	1
cg02567798	PPA1	0.958917	0.636783	0.810506	-1.23356	0.940211	1.06915	1.06915	0.732355	1.04233	1.04233	0.747764	1.06742	1.06742	0.744138	0.928312	-1.07722	0.709577	1.07858	1.07858	0.810763	0.842496	-1.18695	0.844852	1.01987	1.01987	0.870263	0.917043	-1.09046	0.288499	0.937555	3.17455	1
cg04677623	PVRL2;PVRL2	0.958951	0.315382	3.32274	3.32274	0.917757	1.13681	1.13681	0.959564	1.0604	1.0604	0.332402	3.17916	3.17916	0.536491	2.02668	2.02668	0.697414	1.57137	1.57137	0.844519	0.796828	-1.25498	0.921654	0.892447	-1.12051	0.955587	1.06654	1.06654	0.288565	0.11466	18.8354	1
cg00692971	AS87;LIN51;LIN51;AS87;LIN51;LIN51	0.958974	0.560094	1.16926	1.16926	0.879506	1.04107	1.04107	0.971915	0.9907	-1.00939	0.767831	0.98173	1.08175	0.731675	0.955705	0.888323	-1.12572	0.92945	0.976773	-1.02378	0.269102	0.736792	-1.35723	0.695785	1.10992	1.10992	0.822486	1.06145	1.06145	0.288507	0.321828	0.99155	1
cg17197034	C7orf51	0.958981	0.498861	0.837993	-1.19393	0.765974	1.1099	1.1099	0.9184	0.880203	-1.1201	0.629556	1.01203	1.01203	0.842956	1.02603	1.02603	0.899837	1.02096	1.02096	0.851384	0.791755	-1.26241	0.905887	1.03093	1.03093	0.572607	1.15815	1.15815	0.28849	0.903011	0.933628	1
cg08883066	SYT6	0.958986	0.648773	1.12681	1.12681	0.395087	1.25455	1.25455	0.883562	1.03889	1.03889	0.705948	0.906022	-1.10373	0.858926	0.954734	-1.04741	0.722502	1.09729	1.09729	0.841556	1.05349	1.05349	0.565778	1.16317	1.16317	0.441815	0.815298	-1.22655	0.288477	0.309729	0.954374	1
cg13094338	GME52	0.959007	0.740482	1.18008	1.18008	0.772054	1.13229	1.13229	0.810858	1.13318	1.13318	0.747057	1.03644	1.03644	0.937861	0.926243	1.07961	0.948388	1.05238	1.05238	0.916165	0.829648	-1.20567	0.915655	0.983429	1.01709	0.983429	0.983429	1.01709	0.288425	0.144099	13.7023	1
cg15021439	OBSL1	0.959008	0.39061	0.468795	-2.13313	0.793497	1.25349	1.25349	0.96054	0.964013	-1.03733	0.879553	0.877575	-1.1395	0.480351	0.53911	-1.85491	0.60991	1.64203	1.5576	0.965301	0.963229	-1.03817	0.360784	0.445262	-2.24587	0.708224	1.43774	1.43774	0.288402	0.108402	10.4415	1
cg06136472	NUDT15	0.959036	0.907651	0.930725	-1.07443	0.827868	1.14421	1.14421	0.819286	1.15208	1.15208	0.480103	0.592401	-1.68804	0.819423	0.868087	-1.15196	0.365359	1.77784	1.77784	0.73747	1.23137	1.23137	0.915251	0.936266	-1.06807	0.573114	0.70311	-1.42225	0.288354	1.74793	5.3882	1
cg19596072	PCDHB9	0.959067	0.950572	1.0724	1.0724	0.574564	0.949743	-1.0517	0.479864	1.08561	1.08561	0.93113	0.963401	-1.03778	0.954943	1.02963	1.02963	0.932604	1.04722	1.04722	0.955167	0.961845	-1.04573	0.889941	0.777073	-1.29154	0.893035	0.917273	-1.09019	0.288278	1.88091	5.79968	1
cg12476764	ZNF530	0.959075	0.322524	1.52508	1.52508	0.592634	0.800079	-1.24988	0.69454	1.17704	1.17704	0.815909	1.08914	1.08914	0.697717	1.18839	1.18839	0.886161	1.06095	1.06095	0.951789	0.975338	-1.02529	0.637316	0.821907	-1.21668	0.533605	1.29744	1.29744	0.288257	0.77871	2.40128	1
cg06906268	SCD5;SCD5;SCD5;SCD5 NBR2;BRCA1;BRCA1;BRCA1;BRCA1;BRC	0.959089	0.3828	0.686329	-1.45703	0.663874	0.873314	-1.14506	0.732182	1.09201	-1.09987	0.820342	0.941233	-1.06284	0.83574	0.94622	-1.05684	0.890359	0.954004	-1.03756	0.587577	0.864332	-1.15696	0.931711	0.980739	-1.01962	0.928598	0.907707	1.10172	-1.11262	0.928598	0.907707	0.288054	0.323598	0.997898	1
cg20706963	A1;BRCA1	0.95909	0.924019	0.982579	-1.01743	0.610524	0.835854	-1.19638	0.632848	0.84536	-1.18293	0.868334	1.00963	1.00963	0.65962	0.397301	-2.51822	0.643873	0.850326	-1.17543	0.74207	0.993158	-1.00689	0.991122	1.00281	1.00281	0.532359	1.24702	1.24702	0.288219	0.1523131	1.71515	1
cg21130286	TMEM151B	0.959095	0.777918	1.16491	1.16491	0.940129	1.06703	1.06703	0.632669	0.754099	1.32619	0.55596	1.40184	1.40184	0.75136	0.836628	-1.19527	0.327223	0.53008	-1.72387	0.764314	1.17574	1.17574	0.723827	0.826112	-1.21048	0.629656	0.797804	1.25434	1.28209	1.32333	0.408341	1
cg10174836	ACADS	0.959104	?	?	?	0.591731	0.307259	-3.25459	0.937256	0.842518	-1.18692	?	?	?	?	0.317181	0.104141	-9.60239	0.509848	0.232635	-4.29859	0.765859	0.521895	-1.9161	0.730153	0.470451	-2.12562	0.869787	0.699681	-1.42922	0.24307	13.8856	57.126	1
cg00539467	ZNF281	0.959112	0.494656	0.8014	-1.24782	0.490577	0.75	-1.3332	0.863703	0.956731	1.05731	0.63858	0.858982	-1.16303	0.849942	0.780777	-1.28078	0.931554	0.934	1.07071	0.761445	1.10223	1.10223	0.694747	1.07845	1.07845	0.713608	1.03882	1.03882	0.288166	0.465166	4.1487	1
cg12484756	LF3;LF3;LF3;LF3;LOC147727;LF3	0.959127	0.653442	0.879298	-1.13727	0.695906	0.894226	-1.11828	0.590505	0.856746	-1.1672	0.701415	0.896151	-1.11588	0.899847	1.03649	-1.03649	0.462068	0.23749	-4.21077	0.787484	-1.26987	0.607589	1.13401	1.13401	0.967178	1.01178	1.01178	0.288128	1.36966	1.14042	1
cg19009714	CDYL;CDYL	0.959142	0.903582	1.01669	1.01669	0.60239	0.930715	-1.07444	0.781468	1.03872	1.03872	0.649105	1.06458	1.06458	0.295086	1.1599	1.1599	0.926976	1.0126	1.0126	0.884026	0.980259	-1.02014	0.821831	0.969658	-1.03129	0.465862	1.10869	1.10869	0.288091	0.0854455	0.262712	1
cg08129759	GPR37L1	0.959151	0.944966	1.01446	1.01446	0.23231	0.838538	-1.19234	0.758338	1.13318	1.13318	0.844594	1.31871	1.31871	0.577907	1.50933	1.50933	0.573405	-1.53178	0.734142	1.36171	1.13773	1.13773	0.753896	1.12766	1.12766	0.41609	1.13773	1.13773	0.753896	1.12766	1.12766	0.41609	1.91348	2.88106	1
cg01241375	INVS;INVS;ERP44	0.959152	0.799843	0.948073	-1.05477	0.722426	0.77073	0.77073	0.712001	0.925151	-1.0809	0.996562	1.0009	1.0009	0.84308	0.916481	-1.09108	0.872405	0.888323	-1.12572	0.924644	0.871504	0.718052	0.97907	0.97907	0.530499	0.875153	-1.14266	0.648828	1.02101	1.02101	0.288071	0.220966	0.62012	1
cg18795825	NABGF1	0.959181	0.938383	1.01504	1.01504	0.598588	1.13177	1.13177	0.708371	1.13543	1.13543	0.707535	1.02827	1.02827	0.822064	1.03779	1.03779	0.954522	1.02102	1.02102	0.849078	0.97587	-1.02506	0.821196	0.98424	1.01678	0.98424	0.98424	1.01678	0.28849	0.003011	0.933618	1
cg18502555	MPP2;MPP2	0.959194	0.847355	1.09974	1.09974	0.81781	1.12057	1.12057	0.746829	1.17097	1.17097	0.678059	1.22869	1.22869	0.72671	0.841043	-1.189	0.450869	0.68454	-1.46083	0.319401	0.601912	-1.66137	0.779472	1.14854	1.14854	0.924205	0.954138	-1.04807	0.287962	1.10006	3.42657	1
cg10469159	SNORA62;RPSA;RPSA	0.959197	0.745802	0.864001	-1.15702	0.259317	0.671159	-1.48996	0.799562	1.0665	1.0665	0.10139	0.347097	2.72215	-1.38475	0.851989	0.73783	2.66232	2.66232	1.36471	0.639	0.93386	0.972478	-1.0288	0.931579	1.03159	0.980622	0.991867	-1.0082	0.928756	0.915564	1.59149	1
cg00748103	TMEFF2	0.959224	0.90805	0.984238	-1.01594	0.667053	0.748228	-1.33649	0.803575	1.18477	1.18477	0.647417	1.60452	1.60452	0.508079	0.637645	-1.56827	0.840581	1.14451	1.14451	0.614364	0.711288	0.859	-1.16482	1.14059	1.14059	0.661382	1.5927	1.5927	0.287887	2.04791	6.33287	1
cg00178232	ING2	0.959243	0.786904	1.09166	1.09166	0.734668	0.895738	-1.1164	0.599787	1.18693	1.18693	0.862598	0.945475	-1.05767	0.428803	1.29881	1.29881	0.349685	1.3656	1.3656	0.843732	0.938118	-1.06596	0.791879	0.917964	-1.08937	0.622905	1.17401	1.17401	0.28784	0.47759	1.47486	1
cg21727576	SLC2A5;SLC2A5;SLC2A5	0.959252	0.659572	1.49338	1.49338	0.740804	0.841599	-1.18822	0.950698	1.07567	1.07567	0.781441	0.507389	1.41829	1.41829	0.717355	0.510332	1.96459	1.96459	1.96459	0.793943	0.725196	0.582661	1.71634	1.71634	1.71634	0.586281	1.71634	1.71634	0.586281	1.71634	1.71634	0.586281	1.74488	1.29025	1.29025	0.287818	1.72318	1.39215	1
cg21218636	PCTP;PCTP;PCTP	0.959262	0.659808	0.841922	-1.18776	0.379103	0.704258	-1.41993	0.764939	0.892076	-1.12098	0.75292	0.894753	-1.11763	0.97735	0.98003	-1.01109	0.408318	0.719919	-1.38905	0.285605	0.649908	-1.53868	0.741929	0.879502	-1.13701	0.891009	0.950037	-1.05259	0.287795	0.688157	2.12546	1
cg09056562	HEATR2	0.959266	0.758401	0.864505	-1.15692	0.924705	0.895078	-1.11518	0.964446	0.982523	-1.01758	0.944462	1.27013	1.27013	0.827721	0.921119	-1.08544	0.807587	0.663206	-1.50783	0.755752	0.883156	-1.13205	0.854989	1.06928	1.06928	0.804022	1.09531	1.09531	0.917324	1.44143	-1.17766	0.287705	0.640196	0.80482	1
cg18830119	FBXO45;PLEKHG5	0.959298	0.728539	1.17148	1.17148	0.878689	0.932972	-1.07115	0.928827	0.960232	-1.04142	0.757982	0.860015	-1.15073	0.835562	0.89005	-1.09895	0.443437	0.702648	-1.42325	0.919298	0.855008	0.58088	-1.72153	0.842266	1.09473	1.09473	0.287705	0.640196	0.80482	1
cg26954499	FTH1	0.959301	0.311957	0.70496	-1.41852	0.566956	0.624126	-1.21341	0.882997	0.95197	-1.05045	0.850914	1.06491	1.06491	0.761844	0.903397	-1.10693	0.810335	0.922783	-1.08368	0.958055	0.982574	-1.01773	0.6027	0.839015	-1.19178	0.487844	1.26564	1.26564	0.287696	0.509025	1.57272	1
cg08639159	SIRT5;SIRT5	0.959327	0.909313	1.00229	1.00229	0.599369	1.04229	1.04229	0.51805	1.23521	1.23521	0.852983	0.957678	1.04426	0.997511	0.992956	1.00743	0.914424	1.14244	1.14244	0.622403	0.902199	0.57678	-1.73407	0.812618	0.888297	0.752458	1.12695	1.12695	0.287525	0.691911	1.22485	1
cg01360093	RAP1GAP;RAP1GAP	0.959335	0.950851	0.981982	-1.01835	0.916668	0.969601	-1.03135	0.564225	0.842037	-1.1876	0.629469	0.866441	-1.15419	0.437367	1.26324	1.26324	0.997711	1.00085	1.00085	0.697349	1.12218	1.12218	0.425825	1.27107	1.27107	0.624174	1.15679	1.15679	0.287613	0.396309	1.22482	1
cg01899540	DLGAP4;DLGAP4;DLGAP4	0.959352	0.965776	0.985349	-1.01487	0.84679	1.0688	1.0688	0.999542	1.00149	1.00149	0.958851	0.982408	-1.01791	0.760629	0.877923	-1.13944	0.745757	1.03102	1.03102	0.291196	0.64757	1.54527	1.54527	0.924204	1.03126	1.03126	0.709059	1.14215	1.14215	0.287569	0.538953	1.66584	1
cg22725222	TARBP2;TARBP2;TARBP2	0.959366	0.988854	1.01166	1.01166	0.847097	0.851929	-1.17381	0.865048	1.15166	1.15166	0.909546	1.09894	1.09894	0.513052	0.576565	1.73441	0.454138	0.531019	-1.88317	0.708842	0.732433	-1.36531	0.399264	0.24697	2.04697	0.246691	0.246691	0.287244	0.53814	9.7013	1
cg25540845	GPX4;GPX4;GPX4	0.959369	0.332073	1.43714	1.43714	0.784451	1.10447	1.10447	0.752321	0.8916	-1.12158	0.806469	0.914887	-1.09303	0.981916	0.991819	-1.00825	0.65741	1.17558	1.17558	0.916504	0.962707	-1.03874	0.650829	0.847782	-1.17955	0.472526	0.767351	-1.30318	0.287528	0.598118	1.84907	1
cg28380158	ILK;ILK;ILK;ILK;ILK	0.959373	0.73228	1.17926	1.23209	0.97284	1.07444	1.07444	0.707781	0.908312	-1.10169	0.764914	0.701737	-1.42503	0.549196	0.765307	-1.30607	0.602017	0.726299	-1.37663	0.94739	0.555401	-1.8005	0.802381	0.754956	1.32506	1.32506	1.16464	1.16464	0.577921	1.40725	1.40725	0.287518	1.68217	5.20068	1
cg20188686	RSPO2	0.959378	0.612801	0.556005	-1.81619	0.482505	0.30394	-3.30394	0.960136	1.06019	1.06019	0.753326	0.691668	-1.44576	0.686604	0.622333	-1.60686	0.706842	0.642879	-1.5555	0.465089	0.419745	-2.3824	0.488873	0.27536	2.27536	0.96296	1.0558	1.0558	0.287505	0.62585	19.2487	1
cg22093951	ZNF143	0.959386	0.729404	0.856348	-1.16758	0.924705	0.895078	-1.11518	0.964446	0.982523	-1.01758	0.944462	1.27013	1.27013	0.827721	0.921119	-1.08544	0.807587	0.663206	-1.50783	0.755752	0.883156	-1.13205	0.854989	1.06928	1.06928	0.804022	1.09531	1.09531	0.917324	1.44143	-1.17766	0.287705	0.640196	1.68747	1
cg01104250	CCDC102A	0.959403	0.255617	0.550957	-1.81502	0.992261	1.00488	1.00488	0.871218	1.0849	1.0849	0.999981	1.00001	1.00001	0.651961	0.796078	1.25616	0.592845	0.762536	-1.31141	0.611737	0.77328	-1.29319	0.682402	0.813304	-1.22955	0.453889	0.681674	-1.46698	0.287442	1.14854	3.55176	1
cg10854292	RADS1AP1;C12orf4;RADS1AP1	0.959416	0.925992	0.975576	-1.02504	0.794742	1.07185	1.07185	0.75253	1.08783	1.08783	0.776009	0.926887	-1.07888	0.687167	1.11376	1.11376	0.8556	1.04968	1.04968	0.816187	1.06393	1.06393	0.39457	0.792883	-1.26122	0.334731	1.30313	1.30313	0.287411	0.322436	0.997212	1
cg10586903	ADCK4;ADCK4	0.959437	0.903913	1.00229	1.00229	0.599369	1.04229	1.04229	0.51805	1.23521	1.23521	0.852983	0.957678	1.04426	0.997511	0.992956	1.00743	0.914424	1.14244	1.14244	0.622403	0.902199	0.57678	-1.73407	0.812618	0.888297	0.752458	1.12695	1.12695	0.287355	0.691599	0.496905	1
cg22058458	HMGN3;HMGN3	0.959477	0.907027	1.05253	1.05253	0.959386	0.977931	-1.02257	0.66857	1.20772	1.20772	0.702665	0.845291	-1.18302	0.509892	1.34038	1.34038	0.717731	1.17244	1.17244	0.836659	0.913502	-1.09469	0.545039	1.30791	1.30791	0.366143	0.66572	-1.50213	0.287258	0.873225	2.70365	1
cg00955564	MATR3;MATR3	0.959526	0.544078	1.28106

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Ratio(1111 vs. N)	p-value(1122 vs. N)	Fold-Change(1122 vs. N)	p-value(1217 vs. N)	Ratio(1217 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg02735576	AATK;MIR1250	0.960783	0.65111	1.6063	0.60298	1.73395	0.73985	0.964476	0.954694	-1.04746	0.670137	1.56216	0.572063	0.306609	0.26149	1.60641	0.939829	0.924417	-1.08176	0.283981	4.87446	15.2575	1
cg05671347	CDC5L	0.960785	?	?	0.816116	0.748552	-1.33591	0.45973	2.55535	2.365593	0.386947	3.02373	0.310671	1.58957	1.58957	?	?	0.962005	1.061	1.061	0.828317	1.30998	1.30998	0.884172	0.834259	-1.19867	0.23897	4.45222	18.6309	1
cg17702076	TSGA13;COPG2	0.960838	?	?	?	0.36788	3.24537	3.24537	?	?	0.833527	0.764999	-1.30719	0.893248	1.18636	1.18636	0.671129	0.580654	-1.7222	?	0.969614	0.952675	-1.04968	0.912581	1.15002	1.15002	0.21635	3.70054	22.80959	1
cg14553803	MIR1251;HMP1L	0.960851	0.29935	2.4670353	0.14108	3.8496351	1.143787	1.143787	0.931852	1.06241	0.58962	1.47025	1.470225	0.675997	0.742678	-1.34649	0.829975	0.85568	-1.16868	0.874275	0.893972	-1.1186	0.522169	1.58271	1.58271	0.949288	0.955979	-1.04605	0.283808	2.25188	7.25292	1
cg14976971	C1orf96	0.960859	0.832892	1.12249	1.12249	0.972097	0.985014	-1.01931	0.676884	0.795184	-1.25757	0.243824	1.94812	1.94812	0.632393	0.768309	-1.30156	0.747577	1.19314	1.19314	0.762492	0.847254	-1.18028	0.918026	0.945256	-1.05791	0.860036	1.10133	1.10133	0.283788	1.34418	4.21028	1
cg02776128	SLC26A1;IDUA;SLC26A1;SLC26A1	0.960870	0.577233	1.51194	0.51194	0.378151	1.94215	1.94215	0.975499	1.0228	0.92361	0.920314	-1.09274	0.915049	0.924658	-1.08148	0.368953	0.506427	-1.97462	0.838175	0.860606	-1.16197	0.736226	1.28171	1.28171	0.882141	0.983702	-1.01657	0.283746	2.42717	7.58665	1
cg19130973	IQSEC1;QSEC1	0.960906	0.760779	0.834069	-1.19894	0.598566	1.37116	1.37116	0.887229	1.08797	1.08797	0.709317	1.24918	1.24918	0.618733	0.742235	-1.34728	0.631788	0.750605	-1.33226	0.51783	0.677352	-1.47634	0.658497	1.30251	1.30251	0.480613	1.53112	1.53112	0.283669	1.5861	4.9701	1
cg12430126	GPR133	0.960911	0.572182	1.26568	1.26568	0.780229	1.12239	1.12239	0.366962	1.46273	1.46273	0.991597	0.995663	-1.00436	0.611482	0.809405	-1.23548	0.661541	1.19943	1.19943	0.814688	1.10177	1.10177	0.990503	1.25137	1.25137	0.585691	0.796755	-1.25509	0.283656	0.765496	2.39883	1
cg09930524	TTLL9	0.960921	0.94825	1.05768	1.05768	0.570415	1.61644	1.61644	0.328596	1.35043	2.35043	0.704305	0.994299	1.00049	1.00049	0.796598	0.803391	1.24472	0.791125	0.79854	-1.25228	0.651838	0.648478	1.49055	0.525306	0.658941	-1.51759	0.640709	0.671414	1.48939	0.283602	3.12635	1
cg20438404	SERPINE1;SERPINE1	0.960934	0.317219	0.530487	-1.88506	0.419725	0.603203	-1.65782	0.51173	0.664943	-1.50389	0.454149	0.62656	-1.59602	0.685201	0.778886	-1.28388	0.607666	0.727818	-1.37397	0.543971	0.686191	-1.45732	0.693406	0.784309	-1.27501	0.651372	0.756608	-1.32169	0.283597	1.68865	5.29282	1
cg04264374	PPT2;PPT2;PPT2	0.960939	0.892868	1.07954	1.07954	0.926355	0.942173	1.061138	0.854899	1.1175	1.1175	0.894478	0.997905	1.00211	0.925351	1.08042	1.08042	0.913188	1.07621	1.07621	0.748805	0.931538	1.40316	0.712123	0.885586	1.20649	0.644465	1.55203	1.55203	0.283586	1.20649	4.06455	1
ch.3.183336F	SCD5;CLDN18;CLDN18;CLDN18	0.960978	0.279452	0.677207	-1.47665	0.963331	0.985046	-1.01518	0.60519	0.834625	-1.19814	0.96694	0.985736	-1.01447	0.939377	1.02672	1.02672	0.79728	1.09333	1.09333	0.494201	0.758535	1.31805	0.672002	0.819631	1.22006	0.987071	1.00563	1.00563	0.283486	0.539514	1.69168	1
cg18246096	CLDN18;CLDN18;CLDN18	0.960985	0.685863	0.803955	-1.24395	0.424219	1.54656	1.54656	0.326544	1.72213	1.72213	0.898748	1.0707	1.0707	0.807626	1.19987	1.19987	0.638806	0.737023	1.35682	0.807926	1.16161	1.16161	0.867802	0.927043	1.07857	0.931882	0.99519	1.00489	0.283469	1.29288	4.65414	1
cg05850206	SRGAP1 MIR5;SRGAP1;SRGAP2;MIRPL52;MIRPL52;MIR	0.961009	0.710253	1.05978	1.05978	0.738728	1.05346	1.05346	0.565365	1.08201	1.08201	0.807217	1.03877	1.03877	0.465001	1.12266	1.12266	0.867382	0.974331	-1.02635	0.959059	1.00802	1.00802	0.260522	1.20034	1.20034	0.745147	0.950518	-1.05206	0.283407	0.10867	0.340836	1
cg14094999	PLS2;MIRPLS2	0.961012	0.585052	0.920161	-1.08677	0.769706	1.0453	1.0453	0.557049	1.09376	1.09376	0.969665	1.00579	1.00579	0.380498	1.1454	1.1454	0.811649	0.964616	-1.03668	0.556656	0.914191	-1.09386	0.941395	0.988966	-1.01116	0.667096	0.936784	-1.06748	0.283399	0.102213	0.320595	1
cg00738156	MAP6D1	0.961021	0.861008	1.05248	1.05248	0.48137	0.811488	-1.2323	0.770676	0.918229	-1.08905	0.841889	1.06003	1.06003	0.878012	0.95616	-1.04585	0.610011	1.162	1.162	0.853103	0.947338	-1.05559	0.762723	0.9924	1.0924	1.0924	0.308847	1.36174	1.36174	0.283377	0.382326	1.19927	1
cg06828893	AIM1L	0.961031	0.717826	1.09525	1.09525	0.917209	1.02657	1.02657	0.99996	0.806283	-1.24274	0.729363	1.09155	1.09155	0.672324	1.11331	1.11331	0.445902	1.2165	1.2165	0.644482	0.889411	-1.12434	0.658636	1.11867	1.11867	0.811588	1.06208	1.06208	0.283353	0.285486	0.89558	1
cg21598117	MAP4;MAP4;MAP4;MAP4	0.961032	0.545223	1.72374	1.72374	0.570415	1.6653	1.6653	0.943685	0.939105	-1.06484	0.395147	2.93953	2.93953	0.863791	0.818434	-1.22224	0.562126	1.68065	1.68065	0.349221	2.35619	2.35619	0.604216	0.592111	1.59211	1.59211	0.787089	1.27222	1.27222	0.28335	3.54944	11.1348	1
cg02535219	ZCIH7A	0.961049	0.581714	0.757465	-1.32019	0.242684	0.543127	-1.84119	0.62769	0.783491	-1.27634	0.642546	0.791869	-1.26283	0.500518	0.71078	-1.4069	0.851131	0.910466	-1.09834	0.474281	0.695375	-1.43807	0.936839	0.961205	-1.04036	0.767572	0.862458	-1.15948	0.283305	1.11839	3.50901	1
cg11400333	TMEM151A	0.961061	0.8717	1.14718	1.14718	0.838095	0.89273	-1.12016	0.887705	0.962088	-1.03941	0.40939	0.793447	-1.26032	0.780065	1.0763	1.0763	0.569246	0.854067	-1.17087	0.297266	0.745544	-1.34491	0.731242	0.909772	-1.09918	0.92658	1.0256	1.0256	0.283725	0.337382	1.05867	1
cg24012880	TSPAN18	0.961080	0.67849	0.783707	-1.27708	0.900495	1.07615	1.07615	0.926668	1.0555	1.0555	0.704305	0.799544	-1.25071	0.918432	0.941668	-1.06195	0.972441	1.02048	1.02048	0.455731	1.56167	1.56167	0.943182	0.959042	-1.04271	0.275978	0.514326	-1.94429	0.283204	1.54407	4.84634	1
cg16801540	BRD2	0.961089	0.98194	1.00519	1.00519	0.940824	0.98204	1.01218	0.972353	1.00384	1.00384	0.996175	1.00384	1.00384	0.960488	1.0485	1.0485	0.997802	0.998535	-1.00027	0.450751	1.13541	1.13541	0.809484	1.10904	1.10904	0.510206	1.14728	1.14728	0.283203	0.180766	0.559219	1
cg23957424	TRAF6;TRAF6	0.96111	0.546376	0.56843	-1.75923	0.77965	0.771407	-1.29633	0.979881	1.02361	1.02361	0.322309	0.388261	-2.57558	0.509751	0.538594	-1.85669	0.407356	0.456446	-2.19084	0.539997	0.563208	-1.77554	0.990123	0.988611	-1.01152	0.979349	1.02424	1.02424	0.283151	0.83998	12.0547	1
cg00274909	NTM;NTM;NTM;NTM	0.961115	0.981657	1.00329	1.00329	0.853826	0.974002	-1.02669	0.800233	1.03688	1.03688	0.789963	0.962588	-1.03887	0.943131	0.989862	-1.01024	0.91721	1.01496	1.01496	0.507694	0.908474	-1.10075	0.972247	1.06161	1.06161	0.260855	1.18233	1.18233	0.283139	0.0914795	0.287191	1
cg20601985	MTR	0.961125	0.610851	1.23582	1.23582	0.931401	0.972774	-1.02759	0.789373	0.98653	-1.08963	0.702191	1.08834	1.08834	0.775543	1.02459	1.02459	0.852362	1.06932	1.06932	0.268227	0.548564	1.637	1.637	0.152041	0.787012	1.17528	1.17528	0.901652	0.96114	-1.04043	0.283112	0.460887	1.44705	1
cg00856002	C1orf38;C1orf38;C1orf38	0.961135	0.761714	1.28009	1.28009	0.766434	1.27361	1.27361	0.979961	1.0206	1.0206	0.358689	0.725368	2.1518	2.1518	0.911553	0.913711	-1.09444	0.548564	1.637	1.637	0.152041	0.787012	-1.58299	0.968221	1.03287	1.03287	0.28305	0.295518	0.928043	1
cg02249648	FBXL14	0.961152	0.358346	0.79749	-1.25393	0.49807	1.02337	1.02337	0.403057	1.03906	1.03906	0.415506	0.807734	1.22285	0.981317	0.995009	-1.00496	0.7594	1.02639	1.02639	0.470637	0.840962	-1.18915	0.937588	1.05895	1.05895	0.283444	0.257298	0.808036	1.15293	4.1298	1
cg00584530	C2CD2;C2CD2	0.961153	0.552613	0.530504	-1.885	0.976206	1.03197	1.03197	0.883494	1.16734	1.16734	0.478283	0.46612	-2.14537	0.3363	0.35129	2.84665	0.865202	0.835868	-1.19636	0.859078	1.20627	1.20627	0.700781	1.50295	1.50295	0.694302	1.51711	1.51711	0.283041	0.9914	15.6755	1
cg10996732	CASKIN2;CASKIN2	0.961164	0.741265	1.17306	1.17306	0.700626	0.830187	-1.20455	0.375132	1.55039	1.55039	0.812276	0.891713	-1.12144	0.539779	1.34856	1.34856	0.834429	1.10609	1.10609	0.471413	1.4232	1.4232	0.482792	1.41003	1.41003	0.999426	1.00035	1.00035	0.283015	1.04019	3.26702	1
cg16366151	RPL27	0.96168	0.64606	1.07243	-1.18398	0.643405	1.30205	-1.1197	0.587638	1.1527	1.1527	0.815617	0.959359	-1.04234	0.788202	1.09141	1.09141	0.437643	0.880641	-1.13595	0.853122	0.826533	1.21009	0.782802	1.09141	1.09141	0.953127	0.954843	1.04801	0.283031	0.232371	0.727984	1
cg19954000	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.96117	0.580833	0.647852	-1.54356	0.660443	0.63665	-1.57072	0.996671	1.21888	1.21888	0.72905	1.30959	1.30959	0.493087	0.541593	1.84641	0.838896	0.853469	-1.17169	0.361875	0.482153	-2.07403	0.813998	0.831895	-1.20207	0.806814	1.21009	1.21009	0.282998	2.71537	8.52889	1
cg12323894	DBI;C2orf76;DBI;C2orf76;DBI	0.961223	0.537355	0.862039	-1.16004	0.534998	1.16107	1.16107	0.707765	0.914381	-1.09364	0.463749	1.19394	1.19394	0.597653	1.13496	1.13496	0.622888	1.12504	1.12504	0.666223	0.901993	-1.10866	0.965895	0.990184	-1.00991	0.977129	1.00684	1.00684	0.282864	0.253105	0.795372	1
cg02748479	SHISA9;SHISA9	0.961237	0.739773	0.780966	-1.28047	0.832665	1.1659	1.1659	0.65457	1.39965	1.39965	0.626707	1.43838	1.43838	0.529206	0.60444	1.65444	0.764255	1.2499	1.2499	0.370568	1.97771	1.97771	0.429328	1.81915	1.81915	0.740891	0.781833	-1.27905	0.282829	2.46393	7.74378	1
cg05948305	ZKSCAN5;ZKSCAN5	0.961238	0.884446	1.07564	1.07564	0.842655	1.37959	1.37959	0.943924	1.1947	1.1947	0.869614	0.918984	1.08856	1.08856	0.809617	0.801574	1.564	0.9767	1.01227	1.01227	0.613604	1.63908	1.63908	1.32287	1.23287	0.815984	1.23248	1.23248	0.950086	1.02604	1.02604	0.282826	0.781449	2.45601	1
cg05755354	FRMD4A;FRMD4A	0.961243	0.566544	1.6812	1.6812	0.398309	2.17158	2.17158	0.752435	1.32811	1.32811	0.456948	1.97252	1.97252	0.592413	1.62347	1.62347	0.438096	2.03244	2.03244	0.399836	2.16588	2.16588	0.676426	1.45697	1.45697	0.529023	1.77157	1.77157	0.282812	3.60152	11.3197	1
cg01207013	LCE4S23	0.961268	0.886786	0.935514	1.06497	0.882774	0.96444	1.14395	0.93455	1.14395	1.14395	0.816976	0.768029	1.07225	1.07225	0.944141	0.9327	0.819553	1.03639	1.03639	0.537236	0.816765	1.22458	0.729233	0.954324	1.0607	1.0607	0.910025	1.09842	1.09842	0.282748	0.464538	1.46138	1
cg01359822	ST23	0.961278	0.734394	1.4334	1.4334	0.612592	1.7158	1.7158	0.7771	0.74076	-1.34996	0.909376	0.886579	-1.12793	0.98015	0.468251	2.1358	0.850064	1.2215	1.2215	0.390936	2.53293	2.53293	0.910331	1.12649	1.12649	0.558239	1.53439	1.53439	1.87007	1.82723	2.00515	15.7363	1
cg06486460	RUVBL2	0.96128	0.650173	0.735484	-1.35965	0.74837	1.24182	1.24182	0.66973	0.749232	-1.3347	0.66933	1.33822	1.33822	0.243122	0.439605	-2.27477	0.675149	0.753052	-1.32793	0.890278	0.911304	-1.09733	0.886384	0.908281	-1.10098	0.972506	0.977076	-1.02346	0.282717	2.02741	6.37437	1
cg04952827	UCK3	0.96129	0.91046	1.07326	1.07326	0.875475	1.02504	1.02504	0.737558	1.26611	1.26611	0.722204	0.977546	1.02283	0.977546	1.02283	0.977546	0.724623	1.08891	1.08891	0.742609	0.863309	1.15803	0.952334	1.16697	1.16697	0.751393	0.526938	1.89767	0.293756	0.814181	1.46138	1
cg02939882	ADCY9	0.961299	0.471855	0.745507	-1.34137	0.918749	0.959879	-1.0418	0.555506	1.20935	1.20935	0.570835	1.30929	1.30929	0.75182	0.880453	-1.13578	0.550822	1.27405	1.27405	0.670838	0.842349	-1.18716	0.75616	0.882493	-1.13315	0.810885	0.908281	-1.10098	0.82607	0.720994	2.26725	1
cg07518931	MPP02	0.961301	0.805759	1.24115	1.24115	0.828264	1.1427	1.1427	0.775564	1.1409	1.1409	0.757544	1.24591	1.24591	0.722509	1.23728	1.23728	0.845862	1.18284	1.18284	0.742504	1.22729	1.22729	-1.37387	0.818085	1.16065	1.16065	0.884562	1.12884	1.12884	0.282688	1.34278	1
cg08626939	IRS1	0.961353	0.660436	1.19739	1.19739	0.834304	1.08911	1.08911	0.832055	1.09039	1.09039	0.484585	1.33567	1.33567	0.961893	1.01966	1.01966	0.476271	1.34333	1.34333	0.339601	1.49343	1.49343	0.343722	1.48804	1.48804	0.747374	1.14076	1.14076	0.282532	0.743035	2.3377	1
cg05815196	PLA2G3	0.961373	0.597299	0.732232	-1.3662	0.424023	1.04319	1.04319	0.417738	0.799332	1.16821	1.16821	0.791573	0.853382	-1.17208	0.604928	0.824155	0.770025	0.836176	-1.19592	0.619529	0.533784	1.87403	0.588553	1.05895	1.05895	0.283444	0.257298	0.808036	1.15293	0.97643	5.2442	1
cg08761248	RNF41;RNF41;RNF41	0.961391	0.642499	1.26064	1.26064	0.402553	1.52874	1.52874	0.305054	1.60199	1.60199	0.842733	1.10342	1.10342	0.695567	1.03037	1.03037	0.948097	1.03278	1.03278	0.793838	1.13798	1.13798	1.13598	1.13598	1.13598	0.599527	0.769116	1.30319	0.824084	1.03407	1.04588	1
cg19556438	CEBPA;LOC80054 AARSD1;AARS01;RUNDC1;AARSD1;AA	0.961397	0.556962	1.39703	1.39703	0.723716	0.818922	-1.22112	0.73023	0.822979	-1.2151	0.8976	1.07516	1.07516	0.667137	0.783858	-1.27574	0.665122	0.782614	-1.27777	0.524802	1.43725	1.43725	0.409603	0.622104	-1.60745	0.706655	0.808318	-1.23714	0.282421	1.41696	4.45972	1
cg11807584	RSD1;AARSD1;AARS01;AARSD1	0.961398	0.543689	1.19292	1.19292	0.708367	1.11387	1.11387	0.866405	1.04951	1.04951	0.567535	1.18132	1.18132	0.873783	1.04668	1.04668	0.41496	1.27018	1.27018	0.336023	1.32939	1.32939	0.662264	0.881488	-1.13445	0.809905	1.07161	1.07161	0.282418	0.368451	1.15967	1
cg11032096	GLB1L2	0.961415	0.697663	1.15603	1.35603	0.669009	0.774975	-1.39866	0.964763	0.985002	-1.01523	0.41	1.92963	1.92963	?	?	0.961415	0.483527	1.74741	1.74741	0.860276	0.875574	-1.14735	0.633983	0.687832	-1.45384	0.969227	0.970353	-1.03055	0.282756	2.25997	8.56841	1
cg22727272	RNF6;RNF6;RNF6	0.961419	0.962902	1.02183	1.02183	0.944607	1.35506	1.35506	0.759409	0.887107	-1.12726	0.819364	0.944663	-1.0593	0.772309	1.11979	1.11979	0.518195	1.29104	1.29104	0.774139	1.37509	1.37509	0.963397	0.843021	-1.18622	0.739375	0.877922	-1.13965	0.282363	0.680064	2.14086	1
cg04240077	SLC9A11;SLC39A11	0.96145	0.464039	0.861855	-1.16029	0.576029	0.893419	-1.1193	0.764251	1.06176	1.06176	0.512314	0.875843	-1.14176	0.859284	0.965219	-1.03603	0.773166	1.05935	1.05935	0.98795	0.922424	-1.0841	0.937776	0.821083	-1.2179	0.868438	0.96747	-1.03362	0.282285	0.177912	0.560229	1
cg08283932	ADA	0.961458	0.847388	1.07955	1.07955	0.826264	1.1427	1.1427	0.755564	1.14409	1.14409	0.757543	1.24591	1.24591	0.722509	1.23728	1.23728	0.845862	1.18284	1.18284	0.742504	1.22729	1.22729	-1.37387	0.818085	1.16065	1.16065	0.884562	1.12884	1.12884	0.282688	1.34278	1
cg11917481	C12orf35	0.961464	0.769236	1.12182	1.12182	0.858915	0.932836	-1.072	0.976105	0.988365	-1.01177	0.998231	1.00087	1.00087	0.603869	1.22695	1.22695	0.887069	1.0571	1.0571	0.220016	1.6552	1.6552	0.509533	1.2988	1.2988	0.687278	1.17132	1.17132	0.282269	0.682604	2.14958	1
cg06344093	SART3;ISCU;ISCU	0.961462	0.874358	1.08604	1.08604	0.919024	0.945733	1.062724	-1.45867	0.871809	1.20042	1.20042	0.514759	2.03638	2.03638	0.955053	0.933656	-1.07106	0.816493	1.30078	1.30078	0.383635	-2.75001	0.805825	1.12118	1.12118	0.670852	1.62189	1.62189	0.282153	0.7207	1.81016	1
cg04529269	AEN	0.961475	0.739884	0.864785	-1.15636	0.688108	0.838665	-1.19237	0.377276	0.673668	-1.48441	0.544338	1.30675	1.30675	0.745772	0.867758	1.1524	0.410419	0.692792	-1.44343	0.666514	0.827755	-1.20808	0.866081	1.07637	1.07637	0.851699	0.92164	-1.08502	0.282222	0.849728	2.67631	1
cg06902685	CETN3	0.961508	0.829857	1.12698	1.12698	0.579867	1.36427	1.36427	0.770896	0.850265	-1.1761	0.909738	1.06503	1.06503	0.696829	0.804529	-1.24296	0.91108	0.939828	-1.06402	0.406891	0.624181	-1.6021	0.402022	1.61035	1.61035	0.762622	1.16607	1.16607	0.282136	1.37893	4.3444	1
cg05750910	PEC;PEC;PEC;PEC	0.961509	0.927904	1.09145	1.09145	0.926916	0.916426	-1.09241	0.914287	0.952079	-1.05033	0.791488	1.13768	1.13768	0.766822	1.03271	1.03271	0.904047	1.06158	1.06158	0.744445	1.63294	1.63294	0.750381	1.23712	1.23712	0.781906	1.20345	1.20345	0.704455	1.28927	1.28927	0.282134	1.98599	1.25705	1
cg15482122	C14orf23;C14orf23	0.961512	0.706878	0.864498	-1.15674	0.634536	1.2027	1.2027	0.650168	1.19241	1.19241	0.598624	1.23339	1.23339	0.619183	0.824389	-1.21302	0.956949	0.979408	-1.02102	0.488328	1.31172	1.31172	0.388991	1.40533	1.40533	0.97745	1.01095	1.01095	0.282127	0.663779	2.09135	1
cg07445414	INPP5A	0.961516	0.760406	1.48796	1.48796	0.863092	1.25555	1.25555	0.423579	2.89201	2.89201	0.443156	2.7619	2.7619	0.488027	2.49772	2.49772	0.880946	0.82306	-1.21498	0.671617	0.57462	-1.74028	0.491322	2.47995	2.47995	0.958836	0.923009	-1.08341	0.282117	7.54311	23.7667	1
cg17681034	RNF121;LOC100133315;RNF121;RNF12 1	0.961522	0.587627	1.13764	1.13764	0.627761	0.89129	-1.12197	0.68152	0.907381	-1.10207	0.438757	0.830263	-1.20444	0.460702	0.83782	-1.1935	0.735307	1.0832	1.0832	0.882778	1.03536	0.675786	0.905683	-1.10414	0.789574	1.06502	1.06502	0.282101	0.247855	0.780983	1
cg05301359	SUPT7L;SLC44A2P	0.961523	0.721162	0.870552	-1.14854	0.540912	1.1253	1.1253	0.881474	1.18727	1.18727	0.5614	1.03729	1.03729	0.910757	0.980237	1.02033	0.954604	1.04753	1.04753	0.902341	0.888322	-1.12572	0.888864	1.00243	1.00243	0.892099	0.953243	1.04916	0.282083	0.426149	1
cg14713118	LAPTM4B	0.961533	0.51919	0.927143	-1.07858	0.661022	0.9502	-1.05241	0.919113	1.01183	1.01183	0.825971	0.97481	-1.02582	0.702615	0.956564	-1.04541	0.426679	1.09851	1.09851	0.647607	1.05472	1.05472	0.672129	0.951775	-1.05067	0.548528	0.932132	-1.07281	0.282081	0.0598725	0.188669	1
cg19973338	C17orf99	0.961585	0.892736	0.910965	1.09773	0.814106	0.890605	-1.12276	0.880676	0.963659	-1.1538	0.869304	0.914024	-1.09355	0.883202	0.938336	-1.06576	0.861588	0.886393	-1.12827	0.868304	1.1432	1.1432	0.781284	0.872801	-1.14594	0.440445	0.709611	-1.40919	0.282069	0.213226	0.82253	1
cg13291836	LRRC14	0.961592	0.579574	0.46522	-1.46522	0.573111	1.47778	1.47778	0.931087	1.06082	1.06082	0.418801	1.75761	1.75761	0.752006	0.805409	-1.24161	0.764679	0.847033	-1.22744	0.482999	0.559951	-1.78591	0.491051	1.60316	1.60316	0.615099	1.41352	1.41352	0.281921	0.208069	0.56035	1
cg06630737	MAD212;C1orf187	0.961662	0.701228	0.88341	-1.13198	0.755662	0.904494	-1.10559	0.618619	1.17513	1.17513	0.91967	0.755053	-1.32441	0.714568	0.888591	-1.12538	0.406264	0.760931	-1.31418	0.964052	1.0146	1.0146	0.862056	1.05752	1.05752	0.532814	0.816158	-1.22525	0.281851	0.461603	1.45578	1
cg19973338	C17orf99	0.961585	0.892736	0.910965	1.09773	0.814106	0.890605	-1.12276	0.880676

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Proobset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(105T vs. N)	Fold-Change(105T vs. 057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. 057 vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. 117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. 127 vs. N)	p-value(1241T vs. N)	Fold-Change(1241T vs. 217 vs. N)	p-value(1247T vs. N)	p-value(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. 537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. 377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. 637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
ch.20.30302PF	SEC23B;SEC23B;SEC23B	0.962687	0.591444	0.631979	-1.63404	0.305074	0.983927	-2.6183	0.317569	0.3502069	-2.55007	0.8249697	0.817863	-1.2227	0.810503	0.8043464	-1.24322	0.908065	1.11037	1.11037	0.647167	0.65859	-1.5184	0.673859	0.681388	-1.46759	0.8642133	0.8563227	-1.16778	0.2790099	3.6307	11.5632	1
cg22044319	SEMA6A	0.9627	0.764172	1.31604	1.316604	0.196607	3.47708	3.477008	0.5101168	1.83999	1.839999	0.880318	1.147431	1.147431	0.7047109	1.30628	1.30628	0.826517	0.81844	-1.22184	0.828447	1.21906	1.21906	0.875124	1.15437	1.15437	0.854199	1.18283	1.18283	0.2790066	3.682316	11.7291	1
cg02639808	CCNI	0.962715	0.280722	3.10779	3.10779	0.797633	1.29674	1.29674	0.72241	0.6971648	-1.43437	0.530562	1.90121	1.90121	0.728853	1.42182	1.42182	0.668533	1.54589	1.54589	0.980948	1.02444	1.02444	0.670571	0.648743	-1.54144	0.9744111	0.968082	-1.03297	0.2790028	4.51977	14.3984	1
cg02927519	TUFT1;TUFT1	0.962726	0.523492	2.62261	-1.60609	0.947472	0.95287	-1.04554	0.844791	1.15446	1.15446	0.357532	1.497876	-2.0005	0.490533	0.558574	-1.67064	0.960043	1.064272	-1.03705	0.418743	0.545851	-1.83212	0.932872	1.06361	1.06368	0.882569	1.1144	1.1144	0.279	3.27388	7.55995	1
cg20941855	TAGLN3;TAGLN3;TAGLN3	0.962737	0.961775	1.02624	1.02624	0.740359	1.19686	1.19686	0.97904	1.01432	1.01432	0.381217	1.623151	1.623151	0.864777	1.09648	1.09648	0.669858	0.793148	-1.2608	0.493389	0.686695	-1.45635	0.624943	0.766263	-1.30503	0.6037321	1.32705	1.32705	0.279071	1.29009	4.11064	1
cg01712425	GOPC;GOPC	0.962755	0.680072	1.26233	1.26233	0.649288	1.29388	1.29388	0.453628	1.53664	1.53664	0.728338	1.821282	-1.26183	0.431826	1.57064	1.57064	0.767278	1.18177	1.18177	0.967864	0.977583	-1.02293	0.76171	0.842601	-1.18667	0.5695955	0.723519	-1.38213	0.287923	1.39904	4.45854	1
cg01090589	SAE1;SAE1;SAE1;SAE1	0.962755	0.519381	1.98121	1.98121	0.919273	0.899511	-1.11171	0.8838942	0.8084455	-1.23693	0.706345	1.48538	1.48538	0.430325	2.32456	2.32456	0.583349	1.78517	1.78517	?	?	0.877883	0.8516	-1.17426	0.642952	0.63174	-1.62936	0.2553304	3.83943	13.1589	1
cg02605076	FAM38A	0.962766	0.485331	1.73121	1.73121	0.4405535	1.938	1.938	0.3844438	1.11916	1.11916	0.415206	1.85598	1.85598	0.681498	0.6874852	0.7280153	-1.37636	0.941073	0.944381	-1.05889	0.7577946	0.786712	-1.27111	0.894211	0.9025141	-1.10847	0.8287656	0.84564	-1.18254	0.2789894	2.64653	9.43498	1
cg14051236	CCDC85C	0.962798	0.246128	2.521114	-1.91896	0.403339	0.631573	-1.58334	0.890902	0.928907	-1.07653	0.8806319	0.813013	0.813013	0.334348	0.754511	-1.32536	0.929858	0.953793	-1.04845	0.678064	0.804434	-1.24311	0.936224	1.04394	1.04394	0.963752	0.977192	1.023358	1.27308	4.06512	1
cg13535441	C2CD3;C2CD3;PPME1	0.962798	0.269974	2.2447	2.2447	0.856488	1.1359	1.1359	0.924185	1.0693	1.0693	0.814047	1.1804	1.1804	0.536474	1.55367	1.55367	0.83598	0.864216	-1.15712	0.570961	1.49643	1.49643	0.440631	1.73943	1.73943	0.731767	1.27405	1.27405	0.278812	2.188	6.97563	1
cg18202124	RBM15	0.962816	0.756155	1.50371	1.50371	0.879456	1.23985	1.23985	0.731985	0.637488	-1.56886	0.6531662	1.06235	1.06235	0.944778	1.16328	1.16328	?	?	?	?	?	0.877883	0.8516	-1.17426	0.642952	0.63174	-1.62936	0.2553304	3.83943	13.1589	1
cg18325920	TMEM214;TMEM214	0.962818	0.67741	0.926579	-1.07924	0.704947	0.933003	-1.07181	0.850394	0.9661165	-1.03502	0.767727	0.947441	-1.05547	0.669487	0.924771	-1.08142	0.774024	1.05388	1.05388	0.899368	0.97591	-1.02469	0.620487	1.09526	1.09526	0.30192	1.21526	1.21526	0.28726	0.146709	0.467815	1
cg19193922	SLC5A3;MRPS6	0.962856	0.858542	1.129516	1.129516	0.489201	0.6498	-1.61242	0.697575	1.30459	1.30459	0.40899	1.77711	1.77711	0.987627	1.010601	1.010601	0.912395	0.972804	1.027881	0.741636	1.25266	1.25266	0.845268	1.14229	1.14229	0.455583	0.996042	-1.67773	0.2789566	2.04608	6.52671	1
cg19412675	SNX24	0.962856	0.642922	0.876842	-1.14046	0.927756	0.974798	-1.02585	0.9007514	1.03581	1.03581	0.381159	1.2877	1.2877	0.499229	0.824407	-1.21299	0.672464	1.12716	1.12716	0.784097	1.08038	1.08038	0.569419	1.17569	1.17569	0.725328	1.1044	1.1044	0.27866	0.349734	1.11561	1
cg17758899	LOC728264	0.962871	0.710473	1.23523	1.23523	0.464626	1.52448	1.52448	0.553655	1.40418	1.40418	0.75189	1.91146	1.91146	0.617574	0.751871	-1.33001	0.606808	1.34193	1.34193	0.404385	1.62154	1.62154	0.743263	0.830326	-1.20435	0.848979	1.11405	1.11405	0.2790282	1.41643	4.51885	1
cg00150848	SPIB;2	0.962879	0.894426	1.1185	1.1185	0.902674	1.10026	1.10026	0.972345	1.02855	1.02855	0.48442	0.561557	-1.78076	0.48454	0.53406	-1.87239	0.339761	0.449766	-2.22338	0.557174	0.617448	-1.61957	0.904247	1.10267	1.10267	0.676502	0.771224	-1.40603	0.278616	0.20095	0.28468	1
cg26213780	CREB1;2	0.962888	0.919612	1.02459	1.02459	0.557979	1.15326	1.15326	0.578971	1.14442	1.14442	0.719378	0.91683	-1.09073	0.442636	1.20732	1.20732	0.989427	0.996816	-1.00319	0.650426	0.896051	-1.11605	0.484879	0.84297	-1.18628	0.971459	0.991427	-1.00865	0.2785698	0.25557	0.815437	1
cg17621259	MLH1;MUV1;MLH1;EPM2AIP1;MLH1	0.962896	0.685363	1.82839	1.82379	0.853532	1.19191	1.19191	0.7485361	1.6341	1.6341	0.606641	2.15157	2.15157	0.290209	0.540962	0.54862	0.411474	1.45196	1.45196	0.963853	0.646795	-1.54608	0.92238	0.860379	-1.15463	0.937888	0.891553	-1.12164	0.278556	9.60197	30.4404	1
cg06546717	TPCN1;TPCN1;IQCD	0.962906	0.470384	2.83663	-1.54273	0.503136	0.847842	-1.17946	0.503993	1.1784	1.1784	0.920863	1.176182	1.176182	0.824565	1.03605	1.03605	0.882024	0.964572	-1.03673	0.868584	1.04104	1.04104	0.77337	1.19507	1.19507	0.828485	1.05411	1.05411	0.278531	0.202171	0.830616	1
cg01968530	C18orf45	0.962919	0.757593	1.19434	1.19434	0.615965	1.33656	1.33656	0.922388	0.945633	-1.05749	0.310526	1.82564	1.82564	0.62535	0.754056	-1.32616	0.806167	1.15145	1.15145	0.586762	0.729917	-1.37002	0.966265	1.02456	1.02456	0.776485	0.849354	-1.17737	0.278498	1.45144	4.6326	1
cg01407312	GPR133	0.962934	0.428609	0.522557	-1.91367	0.686633	0.702084	-1.42405	0.960728	1.04034	1.04034	0.865252	1.14614	1.14614	0.355227	0.466203	-2.14499	0.696783	0.730152	-1.3699	0.567024	1.5916	1.5916	0.897896	0.822221	-1.21622	0.901157	1.10494	1.10494	0.278447	0.84667	0.08075	1
cg14439774	SMG6;SMG6	0.962942	0.451728	1.3281	1.3281	0.5632	1.24148	1.24148	0.644438	0.850844	-1.1753	0.966144	0.984415	-1.01583	0.977509	0.989621	-1.01049	0.956219	1.21884	1.21884	0.45662	1.32389	1.32389	0.507317	1.28267	1.28267	0.818547	1.08871	1.08871	0.2786074	0.603974	1.92815	1
cg25091527	CD4;A1	0.962969	0.511945	0.533624	-1.88103	0.763367	0.662964	-1.50938	0.861647	1.12094	1.12094	0.7156886	1.07072	1.07072	0.782748	0.9355511	1.068702	0.963382	0.741758	-1.34795	0.477707	0.503736	1.98516	0.761222	0.588111	-1.70022	0.447389	0.744828	-1.34257	0.278436	0.24077	0.082705	1
cg09873510	SGTB;NLN	0.962972	0.779581	1.14193	1.14193	0.88958	0.9364	-1.06792	0.7614416	0.865842	-1.15495	0.935507	0.96244	-1.03903	0.987904	1.00612	1.00612	0.476666	1.4082	1.4082	0.986009	1.00833	1.00833	0.535514	0.743176	-1.34558	0.321578	1.62323	1.62323	0.278359	0.986522	3.15028	1
cg02482700	CHST10	0.962995	0.783826	0.940927	-1.06278	0.271038	1.28882	1.28882	0.414147	1.20303	1.20303	0.911955	1.00245	1.00245	0.796805	1.05818	1.05818	0.741358	1.07609	1.07609	0.865569	0.963178	-1.03823	0.911405	0.975659	-1.02495	0.993015	0.972552	-1.02822	0.278299	0.216093	0.6902	1
cg20961605	GPATCH4;GPATCH4;GPATCH4	0.963031	0.724402	1.3804	1.3804	0.724402	1.15363	1.15363	0.8933	1.22148	1.22148	0.93918	1.34793	1.34793	0.741907	1.19388	1.19388	0.511742	0.975674	-1.02546	?	?	0.712281	1.35802	1.35802	1.35863	0.33164	2.9089	2.9089	0.2789566	2.5039	9.64245	1
cg20582655	MIR9-1;C1orf61	0.963031	0.984053	1.00495	1.00495	0.757273	0.926269	-1.0796	0.650558	1.11926	1.11926	0.388586	0.803879	-1.24397	0.496877	0.84331	-1.1858	0.89935	0.969221	-1.03176	0.62866	0.886569	-1.12794	0.999358	0.808031	-1.23758	0.95623	0.31065	1.01365	0.278252	0.268984	0.859281	1
cg11274119	MFAP1L	0.963063	0.705464	1.41755	1.41755	0.70793	1.19339	1.19339	0.902851	1.08401	1.08401	0.922564	1.11407	1.11407	0.897739	1.02729	1.02729	0.684443	1.09304	1.09304	0.942844	1.10102	1.10102	0.902889	1.09153	1.09153	0.90128	1.10557	1.10557	0.2789128	0.088284	0.274948	1
cg05860566	TMC7;TMC7	0.963118	0.393217	0.605292	-1.6521	0.94696	0.962531	-1.03893	0.754503	0.8535216	-1.1973	0.97953	0.985381	-1.01484	0.496753	0.672953	1.485599	0.414068	1.616984	1.62079	0.46326	0.651437	-1.53707	0.768739	0.844302	-1.18447	0.712884	1.20807	1.20807	0.2787798	1.45064	4.63869	1
cg18794145	MACF1	0.963125	0.675928	1.42837	1.42837	0.927638	1.08008	1.08008	0.75675	1.30148	1.30148	0.35818	2.22848	2.22848	0.325175	2.36696	2.36696	0.588903	1.58839	1.58839	0.811233	0.816348	-1.22497	0.84492	0.846976	-1.18067	0.936382	1.07004	1.07004	0.2787961	3.16621	10.1252	1
cg24686453	CEP72	0.963134	0.567833	1.76125	1.76125	1.14496	0.912209	-1.09597	-1.05319	0.8844919	1.10463	1.10463	0.815529	1.22594	0.960702	1.04134	1.04134	0.865255	1.15515	1.15515	0.880747	1.24276	1.24276	0.896961	0.870353	1.14885	0.917966	1.10159	1.10159	0.2787166	0.406603	1.304	1
cg04350311	ELFN2	0.963143	0.795108	0.945573	-1.05756	0.905639	0.97482	-1.02583	0.818157	0.9516681	-1.05077	0.922656	0.979933	-1.0211	0.925434	0.839431	1.19128	0.915413	0.977411	-1.02311	0.812746	0.950248	-1.05236	0.227758	0.761645	-1.31295	0.771294	1.06469	1.06469	0.2779013	0.200354	0.651055	1
cg22048948	C1orf54;UNC50	0.963143	0.513545	1.948103	1.948103	0.763367	0.963504	-1.0383	0.662964	1.12094	1.12094	0.7156886	1.07072	1.07072	0.782748	0.9355511	1.068702	0.963382	0.741758	-1.34795	0.477707	0.503736	1.98516	0.761222	0.588111	-1.70022	0.447389	0.744828	-1.34257	0.278436	0.24077	0.082705	1
cg13586425	GPR133	0.963149	0.543868	0.796543	-1.25542	0.980561	1.00906	1.00906	0.909707	1.0429	1.0429	0.572439	1.23515	1.23515	0.311861	0.678834	1.47312	0.896017	1.04961	1.04961	0.526511	0.788508	-1.26822	0.892987	0.951386	-1.0511	0.857533	0.935632	-1.0688	0.277897	0.603392	1.93002	1
cg04156616	CRB2	0.963201	0.569328	0.869718	-1.1498	0.887349	0.96613	-1.03506	0.802354	0.940853	-1.06287	0.597149	0.878397	-1.13844	0.560963	0.866828	-1.15363	0.707111	0.912324	-1.0961	0.955506	1.01366	1.01366	0.27141	0.757054	-1.32091	0.419709	0.813386	-1.22192	0.277762	0.25997	0.831952	1
cg11737843	RCC2;RCC2;RCC2	0.963216	0.980945	1.01917	1.01917	0.9645	0.963964	-1.03708	0.963564	1.03838	1.03838	0.861647	1.12094	1.12094	0.739998	1.05051	1.05051	0.784662	1.27459	1.27459	0.799958	1.25051	1.25051	0.784662	1.27459	1.27459	0.799958	1.25051	1.25051	0.2788688	0.69811	0.72773	1
cg15161667	LRP4	0.963229	0.588747	0.662571	-1.50927	0.514909	0.64538	1.64538	0.370512	0.499843	-2.00063	0.683271	1.36253	1.36253	0.838059	0.856997	-1.16687	0.833398	1.17215	1.17215	0.618299	0.684682	-1.46053	0.856256	1.14653	1.14653	0.842664	0.860826	-1.16167	0.277688	2.50099	8.00575	1
cg10314299	RALA	0.963249	0.992964	1.00353	1.00353	0.875553	1.01653	1.01653	0.838305	0.9520916	-1.05018	0.836444	0.982378	-1.01794	0.921497	1.00379	1.00379	0.874807	1.07487	1.07487	0.809602	1.0386	1.0386	0.858147	1.07454	1.07454	0.69023	1.06863	-1.06839	0.817676	1.07554	0.69223	1.22464	1
cg18988412	HDAC4	0.963314	0.582173	1.30033	1.30039	0.351545	1.5733	1.5733	0.31726	1.63014	1.63014	0.641027	1.24852	1.24852	0.757405	0.790478	1.19329	1.19329	0.943817	1.03387	1.03387	0.46402	1.386	1.386	0.651629	1.23966	1.23966	0.694562	1.20507	1.20507	0.2784767	0.981816	3.14534	1
cg20697630	PINK1	0.963316	0.976434	1.0046	1.0046	0.330819	1.16851	1.16851	0.66217	1.07061	1.07061	0.752625	0.953217	-1.04908	0.768592	0.955243	-1.04685	0.858231	1.02814	1.02814	0.713793	1.05884	1.05884	0.909474	0.982502	-1.01781	0.9781	1.15068	1.15068	0.2784761	0.105849	0.339102	1
cg19378111	C2orf67	0.963322	0.552186	1.327247	1.327247	0.875773	0.953533	-1.07585	0.833824	1.054031	-1.17092	0.927315	0.967005	-1.03031	0.876525	0.944466	-1.06002	0.945424	1.03934	1.03934	0.942045	1.02925	1.02925	0.946747	1.00594	1.00594	0.747481	0.962219	-1.04143	0.277444	0.069383	0.222303	1
cg21834001	PLXNA1	0.963333	0.4553	2.37602	0.488879	2.22587	0.22587	0.53205	2.05059	0.527487	0.27209	0.207209	0.478458	2.27068	2.27068	0.390393	2.72263	0.72263	0.56365	1.9341	0.9341	0.60406	1.82486	0.82486	0.566972	1.93206	0.93206	0.2784175	0.69044	18.2332	1
cg04556361	MRPL52;MRPL52;MRPL52;MR PL52;MRPL52	0.963345	0.742936	0.853009	-1.17232	0.417837	0.670352	-1.49175	0.968525	1.01924	1.01924	0.485366	0.710003	-1.40844	0.336441	0.619539	-1.6141	0.700982	1.20489	1.20489	0.92526	0.955684	-1.04637	0.906509	1.0584	1.0584	0.878322	0.928663	-1.07682	0.277385	1.02522	3.28533	1
cg05169291	DHCR7;DHCR7;DHCR7;DHCR7	0.963361	0.868529	1.18091	1.18091	0.715741	1.14943	1.14943	0.8515	1.06613	1.06613	0.818486	1.502343	1.502343	0.542913	0.649626	0.61832	-1.61729	0.610724	0.710935	1.407163	0.763442	-1.23976	0.747563	0.863462	-1.15781	0.997343	1.1704	1.1704	0.548186	1		
cg18883161	C10orf28	0.963424	0.708796	0.84154	-1.1883	0.513474	1.56451	1.56451	0.648467	1.16351	1.16351	0.815741	1.17077	1.17077	?	?	0.877883	0.8516	-1.17426	0.642952	0.63174	-1.62936	0.2553304	3.83943	13.1589	1								
cg17209276	CTNND2	0.963426	0.795597	0.871152	-1.1479	0.915025	0.944866	-1.05835	0.790241	1.15218	1.15218	0.615742	1.27305	1.27305	0.407551	0.637535	-1.56854	0.928484	1.04885	1.04885	0.714981	0.822939	-1.21516	0.483799	1.45951	1.45951	0.525727	0.710597	-1.40727	0.277172	1.23936	3.97461	1
cg04026485	ZFAND5;ZFAND5;ZFAND5	0.963428	0.892463	1.12042	1.12042	0.829512	1.12225	1.12225	0.683303	1.08401	1.08401	0.882533	1.13115	1.13115	0.578657	1.7288	1.7288	1.18618	1.18618	0.844291	1.18618	1.18618	0.844291	1.18618	0.934264	1.07044	0.934264	1.07044	0.934264	1.07044	0.2788167	1.10159	1.10159	0.2787166	0.277168	0.406603	1.304	1
cg05911928	C4orf18;TMEM192	0.963435	0.530208	0.98065	-1.10053	0.886446	0.102176	1.02176	0.550886	1.09517	1.09517	0.930200	0.986889	-1.01329	0.677451	1.06505	1.06505	0.724001	1.05487	1.05487	0.486084	0.898861	-1.11252	0.937209	0.9882	-1.01194	0.472074	1.1165	1.1165	0.277448	0.0996249	0.319524	1
cg07180427	FGFBP3;FGFBP3	0.963439	0.810629	1.09909	1.09909	0.2355	1.21497	1.21497	0.34617	1.46501	1.46501	0.562497	1.2592	1.2592	0.837943	1.08395	1.08395	0.763547	1.12609	1.12609	0.776354	0.893951	-1.11863	0.563668	1.25831	1.25831	0.364318	1.4433	1.4433	0.277138	0.6800351	2.18113	1
cg15128200	NTNG1;NTNG1;NTNG1;NTNG1;NTNG1	0.963447	?	?	?	0.741922	1.34743	1.34743	0.650746	1.50872	1.50872	0.343764	2.41103	2.41103	0.441387	2.03138	2.03138	0.950501	1.05762	1.05762	0.98357	0.98159	-1.01876	0.716383	0.719479	-1.38989	0.956198	0.951644	-1.05081	0.25854	2.96367	11.4631	1
cg02028311	DHRS1;C14orf21;DHRS1	0.963536	0.478279	2.7371	?	?	0.964167	0.965407	-1.03587	0.56359	1.77465	0.994632	1.24672	1.24672	0.361647	0.804432	-1.24312	0.912264	1.41236	1.41236	0.410798	0.743078	1.34573	1.34573	1.47625	0.907858	1.1533	1.1533	0.888226	1.21651	1.21651	0.278484	0.85168	27.342	1
cg14180030	MEGF9	0.963539	0.416575	0.726542	-1.37638	0.735442	0.877665	-1.13939	0.669599	0.8477621	-1.17958	0.919146	0.961685	-1.03984	0.310031	0.667522	-1.49808	0.632583	0.830828	-1.20362	0.457742	0.74755	-1.3377	0.501752	0.769261	-1.29995	0.89385	0.94993	-1.05271	0.276876	0.649193	2.08418	1
cg19145539	PTPRU;PTPRU;PTPRU	0.963539	0.8406	0.943804	-1.06067	0.817397	0.934594	-1.06998	0.747881	1.09262	1.09262	0.915972	1.00992	1.00992	0.699504	1.12012	1.12012	0.843543	0.943846	-1.05948	0.820013	0.935563	-1.06888	0.923098	0.899758	-1.11145	0.943439	0.964459	1.13605	1.13605	0.278575	0.375089	1.2042	1
cg12991784	UQCRB;UQCRB	0.963549	0.779175	0.948642	-1.05414	0.584362	1.10917	1.10917	0.605314	1.10272	1.10272	0.404127	0.852045	-1.17365	0.606115	1.10247	1.10247	0.760262	0.944213	-1.05908	0.587121	0.902275	-1.10831	0.97498	0.994135	-1.0059	0.809928	1.04623	1.04623	0.27685	0.15425	0.495254	1
cg13378519	GNRHR2;PEX118	0.963553	0.267389	0.618739	-1.61619	0.996465	0.998161	-1.00184	0.517149	0.7611188	-1.31374	0.746789	0.87406	-1.14409	0.515923	0.760563	-1.31482	0.589573	0.797487	-1.25394	0.973383	1.01396	1.01396	0.796959	0.898412	-1.11308	0.815208	1.02216	1.02216	0.276838	0.756941	2.43044	1
cg10140775	AGAP1;AGAP1	0.963579	0.654703	1.52807	1.52807	0.78729	1.24712	1.24712	0.642955	1.24165	1.24165	0.638622	1.74112	1.74112	0.555037	1.37953	1.37953	0.649042	1.70851	1.70851	0.591284	0.78793	-1.26918	0.559961	0.995717	1.09571	0.994728	1.27847	1.27847	0.278815	0.025238	0.1948	1
cg19779799	HDAC11;HDAC11	0.963595	0.408125	0.782123	-1.27857	0.742995	0.919884	-1.08709	0.995937	1.00148	1.00148	0.886313	1.04243	1.04243	0.845167	1.05843	1.05843	0.558514	0.842113	-1.18749	0.471954	0.808555	-1.23677	0.415257	0.785167	-1.27361	0.792647	0.79562	1.07952	1.07952	0.276728	0.369717	1.18758	1
cg11165555	PATZ1;PATZ1;PATZ1;PATZ1	0.963603	0.781796	0.936007	-1.06757	0.7923	0.974205	-1.02626	0.8174	0.9507354	-1.05209	0.774042	0.94536	-1.07044	0.752311	1.32924	1.32924	0.625499	0.823503	-1.21464	0.655556	0.699347	1.43001	1.43001	0.693574	-1.44181	0.759773	0.72097	1.38717	1.1186	1.1186	0.276708	0.52349	1.89307	1
cg08616995	KIF5B;KIF5B	0.963604	0.625137	1.19734	1.19734	0.539953	1.25477	1.25477	0.834027	1.07977	1.07977	0.811101	1.09153	1.09153	0.522603	1.26745	1.26745	0.385041	1.38506	1.38506	0.909314	1.04256	1.04256	0.621143	0.833417	-1.19988	0.457408	1.3189	1.3189	0.276704	0.586298	1.88343	1
cg14156272	TSCC	0.963631	0.580298	1.51411	1.51411	0.970304	1.02803	1.02803	0.848991	1.15209	1.15209	0.752773	0.79433	-1.25892	0.372338	1.9744	1.9744	0.670033	1.37486	1.37486	0.962087	0.96531	-1.03594	0.31801	1.25241	1.25241	0.726994	1.29736	1.29736	0.276889	0.241739	7.7661	1
cg17996267	LOC153572	0.963634	0.959668	1.04222	1.04222	0.78264	1.09405	1.09405	0.913531	1.08257	1.08257	0.718955	1.54241	1.54241	0.578551	1.56318	1.56318	0.635124	1.58351	1.58351	0.562762	0.642452	-1.55657	0.491453	0.53301	-1.87662	0.410084	0.709063	1.39063	1.39063	0.881801	0.909023	1.10003	0.578519	1
cg18807030	C7orf20	0.963622	0.944297	1.10325	1.10325	0.713792	1.67865	1.67865	0.721526	0.6045562	-1.65409	0.842205	1.32349	1.32349	0.483184	0.3671516	-2.72394	0.77919	1.48475	1.48475	0.49327	0.375919	-2.66015	0.733115	1.61816	1.61816	0.410101	0.305891	-3.26914	0.276658	8.66389	27.8367	1
cg09984146	EGFLAM	0.963656	0.76002	0.755178	1.32439	0.879764	1.12489	1.12489	0.882124	0.9798805	-1.02061	0.593777	1.04464	1.04464	0.894202	1.0066	1.0066	0.97696	1.1082	1.1082	0.956374	1.00715

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1377 vs. N)	Fold-Change(1377 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	T(Test)	S5(Test)	S5(Error)	F(Error
cg10625092	BC12L13		0.664712	0.93712	-1.0687	0.962646	1.00758	1.00758	0.475036	0.8886896	-1.12524	0.668388	0.932393	-1.07251	0.565586	1.09892	1.09892		0.419593	0.874624	-1.14335	0.687244	0.93637	1.06795	0.602182	1.07378	1.07378	0.8747	0.974702	-1.02595	0.273711	0.11439	0.371486	1
cg14966613	KIAA1671		0.364734	0.382017	0.516671	-1.93547	0.621505	1.44275	1.44275	0.747101	0.78797	-1.26908	0.850127	0.89693	-1.1495	0.322408	0.470887	-1.22365		0.82545	0.840859	-1.17667	0.912049	0.921841	-1.08478	0.8480556	1.15175	1.15175	0.918946	0.92777	-1.07785	0.273709	0.23168	0.763724	1
cg18454133	EFS;EFS		0.364738	0.774565	1.412331	1.412331	0.383223	0.341291	-2.93005	0.672669	1.66679	1.66679	0.48962	2.3252	2.3252	0.991075	0.986643	-1.01354		0.834267	0.777327	-1.28646	0.996812	1.00482	1.00482	0.941418	0.915431	-1.09238	0.4745229	2.39736	2.39736	0.2757	6.26563	20.3487	1
cg10144921	ATP6V0C		0.364743	0.993556	1.00477	1.00477	0.32915	1.8095	1.8095	0.793062	1.25598	1.225598	0.696665	1.2596	1.2596	0.682387	0.7847751	1.27429		0.715507	1.24066	1.24066	0.574989	0.716231	-1.3962	0.580559	1.3893	1.3893	0.781374	1.1781	1.1781	0.273686	1.50438	4.88098	1
cg05303690	NRG1		0.364762	0.892148	0.878569	-1.13281	0.827078	0.811571	-1.23218	0.961882	1.04666	0.92937	0.918876	-1.08826	0.357731	0.405515	2.466		0.5472	0.559154	-1.78842	0.733246	0.721471	-1.38606	0.28187	0.343952	-2.90738	0.964592	1.04327	0.745337	0.276335	3.94683	12.8211	1
cg25726549	SCHIP1		0.364772	0.507069	1.40569	1.40569	0.333888	1.65556	1.65556	0.598048	1.38888	1.38888	0.973291	1.01708	1.01708	0.637754	1.27118	1.27118		0.468016	1.45293	1.45293	0.453719	1.47128	1.47128	0.762536	1.16569	1.16569	0.552829	1.35496	1.35496	0.273609	1.10919	3.6035	1
cg01811325	EBF3		0.364791	0.657394	0.655611	-1.5253	0.709014	1.42556	1.42556	0.538282	1.80284	1.80284	0.508324	0.5310102	-1.88643	0.464164	0.4942263	-2.02321		0.884028	1.14803	1.14803	0.673538	0.669794	-1.493	0.734344	0.724577	-1.38012	0.7458859	1.36014	1.36014	0.273558	3.87592	12.5943	1
cg25124965	PAIP2;PAIP2-PAIP2		0.364797	0.371464	0.408655	-2.44705	0.983921	1.01886	1.01886	0.911442	1.10095	1.10095	0.484492	1.99939	1.99939	7	0.4004959		0.933143	0.921432	-1.0852	0.9993946	0.9950958	-1.00497	0.8548883	1.19548	1.19548	0.56023	0.5630323	-1.77613	0.2549351	3.41349	13.3896	1
cg05234458	ANKRD33B		0.364873	0.518224	1.62753	1.62753	0.884598	1.14604	1.14604	0.602306	1.94415	1.94415	0.952781	0.956922	-1.24052	0.402663	1.74493	1.74493		0.587557	1.50263	1.50263	0.274484	2.32916	2.32916	0.607638	1.46977	1.46977	0.951648	1.04612	1.04612	0.273338	2.39371	7.78429	1
cg25539131	VHL;VHL		0.364877	0.318177	1.8999	1.8999	0.841595	0.882962	-1.13255	0.910039	0.932105	-1.07284	0.733342	1.23704	1.23704	0.646138	0.75008	-1.33319		0.674407	1.30061	1.30061	0.778722	1.19152	1.19152	0.473132	1.57408	1.57408	0.67668	1.29805	1.29805	0.273326	1.67506	5.44748	1
cg00545796	IFT140		0.364908	0.677791	1.23779	1.23779	0.458824	1.87077	1.87077	0.65377	1.37485	1.37485	0.764727	-1.36766	0.622982	1.26238	1.26238	0.618202		0.928012	1.14553	1.14553	0.542788	1.33712	1.33712	0.944311	1.09728	1.09728	0.49529	0.7214417	-1.38616	0.273243	0.962405	3.13081	1
cg23965551	DCP2;DCP2		0.364921	0.701043	0.877698	-1.13934	0.451908	1.29586	1.29586	0.541487	1.23247	1.23247	0.863388	0.952804	-1.04953	0.592102	0.832648	-1.20099		0.882778	1.15116	1.15116	0.97582	0.990929	-1.00915	0.666928	0.863794	-1.15768	0.502607	1.25871	1.25871	0.27321	0.494857	1.61002	1
cg01554096	CTF1;CTF1-KIAA0556		0.364929	0.729326	1.453388	1.453388	0.844687	1.23223	1.23223	0.631521	1.68301	1.68301	0.484908	2.14823	2.14823	0.232316	3.85547	3.85547		0.687869	1.54513	1.54513	0.860967	0.934748	-1.19797	0.913841	1.12367	1.12367	0.948371	0.932612	-1.07226	0.273189	5.02211	16.3407	1
cg20390515	UBE4B;UBE4B		0.364946	0.725195	0.730994	1.368	0.956907	0.953156	1.08955	-1.04915	0.944947	1.43726	1.43726	0.9561	1.05009	1.05009	0.32545	0.40597	2.46324		0.782407	0.782073	-1.27865	0.388116	0.95963	-1.19316	0.868629	0.863318	-1.15832	0.77171	1.29472	1.29472	0.273142	3.41005	11.0974	1
cg22274133	KIAA1549;KIAA1549		0.364959	0.577093	1.47887	1.47887	0.688155	1.32344	1.32344	0.80154	1.33365	1.33365	0.271523	2.1145	2.1145	0.447209	1.38056	1.38056		0.463337	1.67945	1.67945	0.829654	1.69381	1.69381	0.912862	1.07899	1.07899	0.273107	2.08664	6.79145	1
cg23867321	RPL30		0.364963	0.778553	1.15796	1.15796	0.444017	1.54439	1.54439	0.642362	1.96371	1.96371	0.612186	1.58313	1.58313	0.533142	2.5152	2.5152		0.468016	1.45293	1.45293	0.453719	1.47128	1.47128	0.762536	1.16569	1.16569	0.552829	1.35496	1.35496	0.273609	1.10919	3.6035	1
cg18024260	C1orf159		0.365014	0.7981	0.8575	-1.16638	0.621121	1.34824	1.34824	0.960692	0.970875	-1.03	0.528901	1.46608	1.46608	0.831275	0.879885	-1.13651		0.419527	1.63993	1.63993	0.461438	1.56777	1.56777	0.518717	1.48046	1.48046	0.857035	0.897494	-1.11421	0.272961	1.55491	5.06353	1
cg25726255	SLC10A7;SLC10A7		0.365022	0.844584	0.926972	-1.07873	0.949035	0.959558	-1.04215	0.722718	0.837624	1.14459	0.447621	0.741524	-1.34857	0.459079	0.747313	-1.33813		0.677236	0.850671	-1.17554	0.554305	0.7936533	-1.25999	0.675452	0.849855	-1.17667	0.483772	1.31358	1.31358	0.272944	0.645319	2.10159	1
cg14035546	NRXN3;NRXN2		0.365038	0.557435	1.29997	1.29997	0.780815	1.13119	1.13119	0.644422	1.51268	1.51268	0.675164	1.18286	1.18286	0.515384	1.35327	1.35327		0.790374	0.888871	-1.12502	0.433932	0.702546	-1.42339	0.614175	0.798704	-1.25203	0.874256	0.932368	-1.07254	0.272896	0.845011	2.75241	1
cg15322346	C5orf165;C5orf165		0.365039	0.780796	1.06196	1.06196	0.98848	0.996893	-1.00312	0.958678	1.01123	1.01123	0.847986	1.04222	1.04222	0.648137	1.10408	1.10408		0.838275	1.04503	1.04503	0.715377	0.924113	-1.08212	0.358914	0.816037	-1.22543	0.410069	1.19907	1.19907	0.272894	0.200723	0.653809	1
cg23744212	DNAJC28;DNAJC28		0.365047	0.737852	0.79189	-1.26256	0.872933	0.917698	-1.02384	0.644977	0.971619	-1.02921	0.806572	0.964633	-1.03662	0.300172	1.07061	-1.07061		0.524385	0.909651	-1.09952	0.944261	1.01067	-1.01067	0.665278	0.958726	-1.04305	0.222873	0.8931129	-1.12005	0.303316	1
cg01744418	DCD;EDC3;EDC3		0.365054	0.342459	0.75921	-1.31716	0.999047	0.999664	-1.00034	0.828969	1.06283	1.06283	0.900194	0.950804	-1.04953	0.91597	1.03597	0.682467	0.890608	1.02588	-1.21082	0.597413	0.806613	-1.16196	0.723341	1.10529	1.10529	0.272853	0.342802	1.11677	1
cg06335980	ABCA3		0.365063	0.838323	1.0471	1.0471	0.749228	1.0036	1.0036	0.933137	1.08178	1.08178	0.748671	1.24545	1.24545	0.399794	1.27589	1.27589	0.869388	1.0523	1.0523	0.837795	1.0235	1.0235	0.778564	1.54749	1.54749	0.862472	1.12569	1.12569	0.273813	2.09748	6.54414	1
cg13663861	SURF4		0.365069	0.414667	1.64819	1.64819	0.409793	1.65724	1.65724	0.333679	1.81766	1.81766	0.663614	1.29985	1.29985	0.622687	1.34609	1.34609		0.969207	0.977133	-1.0234	0.646323	1.31901	1.31901	0.688796	1.27284	1.27284	0.900893	1.07752	1.07752	0.272814	1.55166	5.05567	1
cg14063129	PACS2;PACS2		0.365069	0.501335	0.592828	-1.68683	0.374544	0.495928	-2.01642	0.782102	1.2378	1.2378	0.466225	1.76923	1.76923	0.958969	0.961187	-1.04038		0.790465	0.814721	-1.22741	0.777327	0.803995	-1.24379	0.917751	1.08273	1.08273	0.851	1.15569	1.15569	0.272811	2.55814	8.33501	1
cg08134278	UCRC;ZMAT5;UCRC;ZMAT5		0.365075	0.99182	0.992404	0.99765	0.805715	1.20117	1.20117	0.324649	2.13093	2.13093	0.805431	1.2015	1.2015	0.633142	1.5152	1.5152		0.592535	1.669108	1.49453	0.54158	0.83152	-1.58348	0.707038	0.973057	-1.02769	0.783558	1.22729	1.22729	0.272796	2.39031	7.78867	1
cg02232531	WDR90		0.365085	0.46571	1.60139	1.60139	0.808345	1.16666	1.16666	0.833741	1.14262	1.14262	0.606734	0.719396	-1.39006	0.741878	1.23325	1.23325		0.535184	0.671436	-1.48935	0.671728	1.31046	1.31046	0.442331	1.6436	1.6436	0.807909	1.08483	1.08483	0.27277	1.73814	5.66417	1
cg11208880	LRRC8D;LRRC8D		0.365088	0.593958	0.837868	-1.19312	0.663199	1.11193	1.11193	0.952148	1.03458	1.03458	0.72304	1.08996	1.08996	0.677105	1.16569	1.16569		0.73041	1.08734	1.08734	0.923146	1.07459	-1.02407	0.884855	1.07762	1.07762	0.853115	0.824977	1.21245	0.272962	0.82315	0.824977	1
cg14383716	FZD1		0.365098	0.727979	1.23369	1.23369	0.936612	0.955453	-1.04662	0.456876	1.5773	1.5773	0.445557	0.626443	-1.59632	0.909297	1.07095	1.07095		0.995313	1.00354	1.00354	0.466254	0.655927	-1.51693	0.78591	1.17792	1.17792	0.272736	1.56256	5.09262	1
cg24378692	PLOD2;PLOD2;PLOD2;PLOD2		0.365104	0.866592	0.946888	-1.05609	0.795622	1.08791	1.08791	0.48236	1.26082	1.26082	0.962258	1.01548	1.01548	0.677005	1.14565	1.14565		0.944493	1.02286	1.02286	0.516993	0.807952	-1.2377	0.544416	1.22015	1.22015	0.401434	1.32149	1.32149	0.272719	0.455076	1.48325	1
cg05858607	DOCK1		0.365113	0.439208	1.67868	1.67868	0.269372	1.72616	1.72616	0.102746	2.48973	2.48973	0.915917	-1.02921	0.880572	1.24437	1.24437	0.80772		0.522835	1.00965	1.00965	0.961253	1.36241	-1.36241	0.567408	0.859726	-1.16341	0.567408	0.859726	-1.16341	0.567408	0.859726	-1.16341

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1111 vs. N)	Fold-Change(1 vs.1111)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1241 vs. N)	Fold-Change(1 vs.1241)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1271 vs. N)	Fold-Change(1 vs.1271)	p-value(1347 vs. N)	Fold-Change(1 vs.1347)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(1537 vs. N)	Fold-Change(1 vs.1537)	p-value(5377 vs. N)	Fold-Change(5 vs.5377)	p-value(5637 vs. N)	Fold-Change(5 vs.5637)	F(Error)		
cg00820664	WDR31;WDR31;WDR33	0.96679	0.739973	-1.3514	0.896181	0.857935	-1.16559	0.325266	0.303555	-3.29429	0.648449	1.71101	1.71101	0.628599	0.564357	1.77193	0.666397	0.601067	-1.66371	0.908427	1.14459	1.14459	0.988621	1.01688	1.01688	0.558533	2.00248	2.00248	0.26813	5.84992	19.3933	1	
cg04194821	GLS3	0.9668	0.621575	0.67599	-1.47931	0.763474	0.788589	-1.26809	0.344162	2.153	2.153	0.62201	1.47858	1.92908	0.924884	1.08122	0.71118	0.746249	-1.34004	0.782201	0.804049	-1.24371	0.601552	0.66059	-1.5138	0.90184	1.10198	1.10198	0.268103	2.62086	8.71923	1	
cg19936885	THUMPD3-THUMPD3	0.966811	0.539194	0.699521	-1.42955	0.608738	1.34551	1.34551	0.681633	1.26758	1.26758	0.568475	0.717962	-1.39283	0.912994	0.931015	-1.06484	0.694636	0.797085	-1.25457	0.437788	0.634464	-1.57613	0.912223	0.93858	-1.06544	0.684188	1.265	1.265	0.268073	1.4029	4.65179	1	
cg20611882	GPR177;GPR177	0.966821	0.392368	1.0118	0.13118	0.753908	1.48528	1.48528	0.991681	0.986971	-1.03132	0.497635	2.37778	2.37778	0.807914	1.35851	1.35851	0.413702	2.7109	2.7109	0.623609	0.536759	-1.86303	0.826422	0.758604	-1.31821	0.904044	1.16383	1.16383	0.268045	6.71784	2.27777	1	
cg08135278	TMEM63A	0.966879	0.468794	0.648259	-1.54259	0.585248	1.38277	1.38277	0.547864	1.42994	1.42994	0.675121	0.780439	-1.28133	0.724604	0.812187	-1.23124	0.838248	0.886738	-1.12773	0.480352	0.655802	-1.52485	0.59435	1.10994	1.10994	0.983047	0.987582	-1.01257	0.267884	1.46733	4.86888	1	
cg00392914	HSBP1	0.966886	0.36428	0.805771	-1.24105	0.987484	1.00364	1.00364	0.550027	1.59338	1.59338	0.522395	1.16204	1.16204	0.983276	1.00309	1.00309	0.636424	1.11661	1.11661	0.921472	0.977418	-1.0231	0.806767	0.944815	-1.05841	0.724798	1.08532	1.08532	0.267866	0.227637	0.755392	1	
cg16503601	KIAA0174	0.966941	0.429331	1.50949	1.50949	0.847796	1.10304	1.10304	0.921385	0.950866	-1.05167	0.729931	1.19348	1.19348	0.619385	0.785948	-1.27235	0.510262	1.40618	1.40618	?	?	?	0.62559	0.778036	-1.28529	0.856417	1.09685	1.09685	0.249222	0.913947	3.66722	1	
cg02481468	HSPA13	0.966943	0.895041	0.975295	-1.02626	0.998815	1.00025	1.00025	0.971329	1.14245	1.14245	0.710253	1.07018	1.07018	0.384844	0.850494	-1.17579	0.653307	1.08565	1.08565	0.886323	0.974336	-1.02634	0.938011	0.909621	-1.10666	0.905885	1.02173	1.02173	0.267709	0.140064	0.465062	1	
cg27391649	UN28	0.96957	0.733751	0.924006	-1.08119	0.358688	0.805895	-1.24086	0.298662	0.781679	-1.2793	0.809974	0.964409	-1.03663	0.822604	0.949053	-1.05268	0.750473	0.929647	-1.07568	0.695756	0.91406	-1.09402	0.452826	0.839569	-1.19109	0.725098	0.922446	-1.08407	0.267669	0.221628	0.735995	1	
cg11869514	EFNA3	0.966967	0.737771	0.90007	-1.11102	0.35666	0.743013	-1.34587	0.976449	0.990793	-1.00929	0.66587	0.872734	-1.14582	0.973925	1.01029	1.01029	0.381152	1.32505	1.32505	0.827605	1.07072	1.07072	0.99974	1.0001	1.0001	0.995562	0.998259	-1.00174	0.267642	0.416135	1.38206	1	
cg30949198	SLC2A12	0.966968	0.822628	1.10427	1.10427	0.881189	0.943526	-1.06023	0.833945	0.839465	-1.19123	0.511011	0.829245	-1.20586	0.739509	0.872734	-1.14597	0.823729	1.10358	1.10358	0.744247	0.956678	1.04529	1.04529	0.952095	-1.05005	0.729563	0.857896	-1.16569	0.242673	0.827176	2.74751	1	
cg11803801	ERGIC1	0.966982	0.564456	0.858583	-1.16471	0.57011	0.860522	-1.16209	0.810336	0.93901	-1.06495	0.960864	0.987239	-1.01293	0.895741	1.03491	1.03491	0.782027	0.929778	-1.07529	0.484166	1.20453	2.20453	0.553754	0.854894	-1.16974	0.413998	0.811436	-1.23238	0.267599	0.290339	0.964425	1	
cg11908061	FLJ22536	0.966983	0.401279	0.445485	-2.21983	0.840293	0.829204	-1.20596	0.997203	0.996543	-1.00317	0.520957	0.566267	-1.76597	0.822317	1.2161	1.2161	0.522353	-1.91427	0.444738	0.485222	-2.06017	0.588084	0.601946	-1.66128	0.897574	0.847327	-1.12698	0.737651	1.36944	1.36944	0.267597	0.65153	12.1294	1	
cg02077797	HSPA8	0.966986	0.931525	0.972289	1.0285	0.592847	0.838204	-1.19303	0.937472	0.853023	-1.1723	0.570903	0.829215	-1.20596	0.549114	0.82019	-1.21923	0.760019	0.904673	-1.10537	0.52033	0.808093	-1.23748	0.434024	1.29827	1.29827	0.931185	0.972153	-1.02864	0.26759	0.453155	1.50531	1	
cg16350986	CCDC69	0.966989	0.698658	1.08814	1.08814	0.769957	1.06574	1.06574	0.87879	1.03367	1.03367	0.92425	0.979562	-1.02086	0.498918	1.1607	1.1607	0.854953	1.04053	1.04053	0.464564	1.17502	1.48342	1.16725	1.16725	0.299836	1.26276	1.26276	0.267581	0.199811	0.66376	1	
cg06074256	MOC1	0.967033	0.846326	0.885638	-1.12913	0.831448	0.875276	-1.1425	0.960913	1.03795	1.03795	0.960778	0.858687	-1.16457	0.482895	0.643377	-1.56158	0.48122	1.56434	1.56434	0.835241	0.87795	-1.13902	0.62047	1.36013	1.36013	0.426718	0.602164	-1.66068	0.267446	1.65468	5.49925	1	
cg10805525	ADH5	0.967036	0.651423	1.15677	1.15677	0.827215	1.07251	1.07251	0.644828	0.861888	-1.16024	0.739818	1.11262	1.11262	0.80446	0.923641	-1.08267	0.517196	0.810365	-1.23401	0.338359	0.72904	-1.37167	0.692936	0.880659	-1.13551	0.995982	0.998389	-1.00161	0.267452	0.434321	1.44349	1	
cg27278953	NG8	0.967046	0.715007	0.659341	-1.43711	0.760513	1.19298	1.19298	0.800246	1.27017	1.27017	0.812218	0.799459	-1.25081	0.229289	0.3288	-3.04136	0.970408	1.03736	1.03736	0.565595	0.650514	-1.53725	0.609087	0.600482	-1.66533	0.711171	1.44454	1.44454	0.267424	0.414157	13.7661	1	
cg14480679	ABCC5;ABCC5	0.96705	0.665391	0.853673	-1.17141	0.915799	1.0392	1.0392	0.961795	1.01757	1.01757	0.467173	0.764314	-1.30866	0.881015	1.05597	1.05597	0.85721	0.936614	-1.06768	0.265444	0.674025	-1.48362	0.473212	0.767018	-1.30375	0.818182	0.919686	-1.08733	0.267412	0.559885	1.86108	1	
cg20652889	UNC84B	0.96705	0.317195	0.755048	-1.32442	0.978321	1.00741	1.00741	0.918237	0.972483	-1.0283	0.633009	0.87746	-1.13965	0.777706	1.07995	1.07995	0.968188	1.0109	1.0109	0.605949	0.868137	-1.15189	0.563047	1.1722	1.1722	0.782788	1.07799	1.07799	0.267411	0.312737	1.03955	1	
cg26094736	UCP2	0.967062	0.809627	0.949155	-1.05357	0.952084	1.02383	1.02383	0.648899	0.959599	-1.0421	0.559195	0.88822	-1.12598	0.982689	0.99532	1.00467	0.786676	1.00358	1.00358	0.589545	0.888322	-1.12508	0.672723	0.708506	1.04942	1.04942	0.318198	0.210797	0.810965	0.965965	0.658121	1	
cg16723362	MARS2	0.967071	0.470826	0.877641	-1.13942	0.675878	1.07768	1.07768	0.446143	1.14991	1.14991	0.812816	0.958674	-1.04311	0.791756	1.04821	1.04821	0.726876	1.06438	1.06438	0.446143	1.14105	1.14105	0.875074	0.972396	-1.02839	0.932941	1.01509	1.01509	0.267354	0.134032	0.445627	1	
cg25828961	FNDC3A	0.967075	0.280474	0.405425	-2.46655	0.675885	1.40267	1.40267	0.796157	0.811938	-1.23162	0.833277	0.843971	-1.18488	0.829992	0.841103	-1.18892	0.93561	0.937045	-1.06718	0.596117	0.650212	-1.53796	0.603812	1.52395	1.52395	0.97643	0.976505	-1.02406	0.267342	2.74219	9.11752	1	
cg22281101	NH1;RNH1	0.967076	?	?	?	0.459347	0.655203	-1.52624	0.735861	1.20927	1.20927	0.763267	1.18474	1.18474	0.660099	1.28193	1.28193	0.604982	0.746145	-1.34022	0.588798	1.35838	1.35838	0.518753	1.18952	1.18952	0.746164	1.19995	1.19995	0.248853	0.10341	0.443396	1	
cg07248814	LNPEP	0.967096	0.38482	1.38501	1.38501	0.737468	0.88429	-1.13085	0.81655	0.91597	-1.06597	0.865641	0.731931	-1.46453	0.768344	0.803271	-1.24492	0.778072	0.90187	-1.10881	0.743202	0.883133	-1.08533	0.704286	0.860894	-1.14957	0.904259	1.04497	1.04497	0.565664	1.88118	1	
cg07643321	CPS1;CPS1;CPS1	0.967096	0.550824	0.790466	-1.26508	0.973122	0.986959	-1.01321	0.883174	1.05896	1.05896	0.477032	0.754511	-1.32536	0.615431	0.820921	-1.21814	0.752209	1.13134	1.13134	0.878522	0.942152	-1.0614	0.50265	0.767173	-1.30349	0.374302	0.700971	-1.42659	0.267286	0.642539	2.13683	1	
cg13375187	THBS1	0.967112	0.459303	0.7299	-1.37057	0.674823	1.1755	1.1755	0.648033	1.14787	1.14787	-1.14794	0.659664	1.51695	0.839451	1.19268	1.19268	0.845748	1.08052	1.08052	0.748355	1.10965	1.10965	0.844222	0.738397	0.87514	1.14267	1.06566	1.06566	0.267422	0.160963	2.22542	1	
cg21325232	ABHD12;ABHD12	0.967125	0.604638	0.81222	1.08122	0.708017	0.945301	-1.05786	0.611187	1.07967	1.07967	0.807755	1.08853	1.03853	0.917435	0.984616	-1.01562	0.259107	1.1924	1.1924	0.67294	1.06554	1.56554	0.836729	1.03133	1.03133	0.665016	1.0673	1.0673	0.267205	0.0946057	0.314717	1	
cg00296643	DGKD;DGKD	0.967128	0.852909	1.16329	1.16329	0.972845	1.02813	1.02813	0.182597	1.1666	1.1666	0.710167	1.35556	1.35556	0.828065	0.83757	-1.19393	0.993323	0.993204	-1.00684	0.818378	1.20616	1.20616	0.89101	1.11821	1.11821	0.981615	1.01896	1.01896	0.267196	2.81037	9.34935	1	
cg14962364	KCNN1	0.967146	0.934775	0.974797	1.01965	0.974224	0.958208	-1.03112	0.614713	0.742862	-2.08934	0.587173	0.742862	-2.08934	0.587173	0.742862	-2.08934	0.744	0.97784	-1.02284	0.887178	0.914477	-1.14118	0.554402	0.584154	-2.44443	0.243713	0.856708	0.267383	0.267383	0.803583	0.267383	0.267383	1	
cg03511266	DENND3	0.967148	0.659668	0.82246	-1.21586	0.815536	-1.08615	1.08615	0.677634	1.20247	1.20247	0.750893	1.15082	1.15082	0.598342	0.791517	-1.2634	0.604597	1.25909	1.25909	0.366569	1.50549	1.50549	0.708049	0.847424	-1.18005	0.808045	1.11333	1.11333	0.26714	0.823008	2.7385	1	
cg03254137	RAI1	0.967151	0.484948	0.823855	-1.21389	0.826218	0.816116	-1.22467	0.672525	1.14501	1.14501	0.884077	0.847464	-1.23841	0.863132	0.75744	-1.32019	0.669076	0.840411	-1.18974	0.844284	0.746304	-1.33955	0.574613	0.732418	-1.36554	0.674133	0.943502	-1.06005	0.267302	0.410405	2.3971	1	
cg17028658	UFSP2;UFSP2;ANKRD37	0.967208	0.904296	1.05449	1.05449	0.828607	1.10036	1.10036	0.801342	1.11764	1.11764	0.418764	1.43975	1.43975	0.961845	0.979118	-1.02133	0.313209	1.58432	1.58432	0.769403	0.878378	-1.13846	0.480686	1.37193	1.37193	0.808375	1.11314	1.11314	0.266976	0.822826	2.73958	1	
cg05806375	ERAP1;ERAP1	0.967209	0.548735	0.909878	-1.09905	0.768587	0.955115	-1.04699	0.654371	1.07266	1.07266	0.856361	1.0286	1.0286	0.858434	1.12457	1.12457	0.809721	1.03826	1.03826	0.618845	0.924906	1.08119	0.778451	0.957048	-1.04488	0.532108	1.10352	1.10352	0.266973	0.102439	0.341072	1	
cg24905799	FBXW8;FBXW8	0.967209	0.914348	1.02599	1.02599	0.812454	0.949417	-1.06229	0.507368	0.838873	-1.19238	0.53458	1.87847	1.87847	0.909757	1.03005	1.03005	0.764644	1.08088	1.08088	0.99179	1.0226	1.0226	0.677372	0.788244	0.952971	1.05237	1.13225	1.13225	0.188289	1.26423	1.78427	1	
cg26460030	ARL6IP5 GRINL1A;GCOM1;GRINL1A;GCOM1;GRI NL1A	0.967242	0.390716	0.537416	-1.86076	0.548418	1.53539	1.53539	0.826644	1.16751	1.16751	0.897725	0.913201	-1.09505	?	?	?	0.997939	0.998178	-1.00183	0.510692	1.60173	1.60173	0.917314	1.07608	1.07608	0.810819	1.1845	1.1845	0.248396	1.74341	7.01869	1	
cg02743050	NL1A	0.967261	0.641325	0.711331	1.11331	0.522615	0.859046	-1.16408	0.436258	0.83008	-1.2047	0.774972	0.934828	-1.06972	0.876674	0.964241	-1.03708	0.893874	0.969189	-1.03179	0.601869	1.13136	1.13136	0.684949	1.10037	1.10037	0.602687	0.884138	-1.13104	0.268228	0.232343	0.774009	1	
cg23350296	ING5	0.967281	0.92371	0.969647	-1.0313	0.947867	0.979178	-1.02127	0.519664	1.23372	1.23372	0.558958	0.826816	-1.20946	0.473005	0.790673	-1.26474	0.511163	0.806984	-1.23918	0.750651	1.10804	1.10804	0.631506	0.855987	-1.16824	0.83122	1.0711	1.0711	0.266772	0.437524	1.45784	1	
cg09423426	BAT4;CSNK2B	0.967283	0.445383	0.883515	-1.11315	0.874603	0.915671	-1.09267	0.55028	1.04328	1.04328	0.81943	1.09343	1.09343	0.942478	1.0095	1.0095	0.738919	0.875354	-1.14257	0.966585	1.0123	1.0123	0.950662	1.03057	1.03057	0.536972	1.08958	1.08958	0.266795	0.079547	0.265099	1	
cg19485873	CYTH2;CYTH2	0.967307	0.720246	0.890089	-1.12348	0.537093	0.816809	-1.22428	0.654527	1.157	1.157	0.744275	0.899445	-1.1118	0.663547	0.864124	-1.15724	0.734422	0.895613	-1.11655	0.272847	0.691079	-1.44701	0.865808	0.946713	-1.05629	0.928919	1.02931	1.02931	0.266699	0.442778	1.47575	1	
cg09362796	HTT	0.967335	0.498449	0.821855	-1.21708	0.826216	0.816116	-1.22467	0.672525	1.14501	1.14501	0.884077	0.847464	-1.23841	0.863132	0.75744	-1.32019	0.669076	0.840411	-1.18974	0.844284	0.746304	-1.33955	0.574613	0.732418	-1.36554	0.674133	0.943502	-1.06005	0.267302	0.410405	2.3971	1	
cg10995628	ZNF830;CCT6B	0.967378	0.91483	0.974507	-1.02616	0.730336	1.08616	1.08616	0.562574	1.15179	1.15179	0.508436	0.850496	-1.17579	0.964623	0.989351	-1.01076	0.924211	0.977293	-1.02323	0.870727	1.0401	1.0401	0.656353	0.897536	-1.11416	0.358035	1.25628	1.25628	0.266501	0.245941	0.820312	1	
cg15017726	CAPZA2	0.967413	0.909597	1.0143	1.0143	0.529467	1.26178	1.26178	0.72063	1.27063	1.27063	?	?	?	0.95614	1.04605	1.04605	0.79264	1.02053	1.02053	0.914	0.96754	1.03376	0.934794	0.72963	1.37026	1.02963	1.26026	0.266171	0.791776	-1.26298	0.262031	4.02297	20.3418	1	
cg09473585	C3orf14	0.967427	0.885624	0.945499	-1.0436	0.739008	1.02281	1.02281	0.368952	1.88972	1.88972	0.999109	1.00077	1.00077	0.788373	0.981061	-1.0193	0.930267	1.06222	1.06222	0.904722	0.76906	-1.30029	0.934473	0.930137	0.500912	-1.09636	0.266366	0.26078	0.69684	1		
cg27177745	IL17RA	0.967445	0.604554	0.872847	-1.14568	0.509898	0.840285	-1.19007	0.895158	0.966261	-1.03492	0.42119	0.807424	-1.23851	0.399277	0.798808	-1.25187	0.941399	0.981044	-1.01932	0.634331	0.882731	-1.13285	0.486774	0.831985	-1.20194	0.82918	1.05786	1.05786	0.266317	0.285822	0.95399	1	
cg16977858	NT5DC2;NT5DC2	0.967449	0.763544	1.06636	1.06636	0.638153	0.993408	-1.00614	0.669212	1.08445	1.08445	1.09584	0.995844	1.08445	0.824824	1.08445	-1.05482	0.460911	1.1366	1.1366	0.913852	1.0454	1.0454	0.329756	1.23887	0.863376	0.963987	1.03756	1.03756	0.266303	0.191264	0.638419	1	
cg23463715	BRCA2	0.967458	0.846798	0.894191	-1.11833	0.564387	0.40056	-1.40056	0.321067	1.80895	1.80895	0.911624	1.06009	1.06009	0.853038	1.11293	1.11293	0.95565	1.03268	1.03268	0.856032	1.11071	1.47054	0.654412	-1.52809	0.847893	1.894917	-1.11742	0.266281	1.40979	4.70613	1	
cg14973588	GSX1 FAM104B;FAM104B;FAM104B;FAM104 B;FAM104B;FAM104B;FAM104B;FAM1	0.967465	0.555077	0.765042	-1.30712	0.558344	0.766772	-1.30417	0.975104	1.0141	1.0141	0.491702	1.36798	1.36798	0.85966	0.923669	-1.08264	0.935302	1.0371	1.0371	0.657102	1.22195	1.22195	0.668907	1.2129	1.2129	0.502148	1.35743	1.35743	0.26626	0.848841	2.83379	1	
cg19353593	04B	0.967471	?	?	?	0.745553	0.68653	-1.4566	0.914481	0.88343	-1.13195	0.549636	2.01647	2.01647	0.701329	0.640606	-1.56102	?	?	?	0.952064	0.934211	-1.07042	0.924191	0.896002	-1.11607	0.425285	0.388135	-2.57642	0.216706	0.38361	13.3833	1	
cg12655250	ADD1;ADD1;ADD1;ADD1	0.967475	0.689704	1.18217	1.18217	0.734188	0.867517	-1.15272	0.871424	1.06988	1.06988	0.990159	0.994871	-1.00516	0.567483	0.785853	-1.2725	0.876915	1.06676	1.06676	0.708653	1.16943	1.16943	0.300169	1.56471	1.56471	0.630319	1.22411	1.22411	0.266232	0.733163	2.44787	1	
cg27456407	CCDC72;CDDC7	0.967485	1.90178	1.04124	1.04124	0.24598	1.48843	1.48843	0.933253	0.972659	-1.02811	0.613752	1.18127	1.18127	0.799713	0.83878	-1.19278	0.573656	1.20455	1.20455	0.979366	0.972908	-1.02756	0.879618	0.908725	1.08225	1.08225	0.879618	0.907074	-1.10245	0.266205	0.451741	1.55842	1	
cg27299776	RABGAP1L	0.967512	0.863029	0.953563	-1.0487	0.80826	1.06924	1.06924	0.686758	1.1181	1.1181	0.791924	0.92978	-1.07552	0.350195	0.767363	1.30316	0.829365	1.06123	1.06123	0.54516	1.18367	1.18367	0.594304	0.862403	-1.15955	0.752442	0.916553	1.09104	0.266129	0.319608	1.06751	1	
cg25562306	GULP1;GULP1	0.967514	0.659061	1.05699	1.05699	0.760866	0.962611	-1.03884	0.480728	0.914409	-1.0936	0.951116	1.0134	1.0134	0.994805	0.999188	-1.00081	0.853332	1.0237	1.0237	0.648318	0.944287	-1.059	0.995636	0.999118	-1.00068	0.300936	0.874763	-1.14317	0.266124	0.0656826	0.219389	1	
cg26685010	TJT	0.967517	0.673191	0.841001	-1.22423	0.836087	1.1585	1.1585	0.567835	1.157	1.157	0.904904	0.944597	-1.05903	0.777225	0.904904	-1.10512	0.981684	0.989112	-1.01104	0.924133	0.959312	-1.0426	0.900127	-1.2498	0.799852	0.955512	1.24	1.24	0.604	0.690235	1.21051	1.21051	0.958558	0.20181	1	
cg16677017	NTM;NTM;NTM;NTM	0.967533	0.937798	1.05918	1.05918	0.378319	1.9461	1.9461	0.51071	1.63466	1.63466	0.957906	1.03965	1.03965	0.968946	0.971731	-1.02909	0.91871	1.0781	1.0781	0.58062	1.50102	1.50102	0.393284	1.90438	1.90438	0.476318	1.70486	1.70486	0.266072	1.28651	7.6388	1	
cg19985327	PDE6C	0.967556	0.953411	0.971667	1.02967	0.956815	1.79417	1.79417	0.994242	1.10602	1.02889	0.872299	1.14771	1.14771	0.813998	1.06805	1.06805	0.427007	1.3791	1.3791	0.74678	0.663363	0.822175	-1.09628	0.823814	0.96434	1.13192	1.06407	1.06407	0.663382	0.883455	1.13192	1.06407	0.663378	0.26271	1	
cg17600233	IL3	0.967637	0.340935	1.24796	1.24796	0.857436	0.960225	-1.04142	0.544392	1.14853	1.14853	0.896964	0.97118	-1.02968	0.835289	0.954092	-1.04812	0.597868	0.886789	-1.12766	0.650096	1.10858	1.10858	0.806204	0.946031	-1.05705	0.817497	0.949163	-1.05356	0.265781	0.214462	0.717257	1	
cg05975219	GASK;GAS8	0.967645	0.384188	0.770632	-1.29764	0.561199	0.842349	-1.18716	0.899407	1.04108	1.04108	0.4774	0.809821	-1.23484	0.723253	0.901385	-1.1094	0.834573	1.06297	1.06297	0.659091	1.13842	1.13842	0.756035	1.09527	1.09527	0.920013	0.971096	-1.02976	0.265759	0.358886	1.20037	1	
cg15097028	RBMA2	0.967656	0.681842	0.810982	-1.23361	0.7085	0.964255	-1.03645	0.791575	0.97526	-1.02566	0.872334	1.06839	-1.13425	0.664655	0.812314	-1.23105	0.544678	1.77782	1.77782	0.44564	2.24329	2.24329	0.556226	0.862149	-1.15989	0.876184	0.959232	-1.0425	0.265726	0.299807	1.0032	1	
cg11640384	KIAA1731	0.967701	0.628026	0.863551	-1.15801	0.389821	0.767373	-1.30315	0.985719	0.994636	-1.00539	0.428415	0.784333	-1.27497	0.91386	1.03305	1.03305	0.710624	0.894063	-1.11849	0.778705	1.08833	1.08833	0.768269	0.915048	-1.09284	0.619092	1.16252	1.16252	0.265601	0.379785	1.27103	1	
cg26175323	CCDC130	0.967703	0.94664	0.950318	1.05227	0.78437	0.96417	1.39027	0.764555	1.28505	1.28505	0.9778	1.02141	1.02141	0.508972	0.624126	1.60256	0.74925	1.33511	1.33511	0.744255	0.74925	1.33511	0.744255	0.74925	1.33511	0.744255	0.74925

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105T vs. N)	p-value(105T vs. N)	Fold-Change(1-vs-057 vs. N)	p-value(057 vs. N)	Fold-Change(1-vs-111T vs. N)	p-value(111T vs. N)	Fold-Change(1-vs-112T vs. N)	p-value(112T vs. N)	Fold-Change(1-vs-121T vs. N)	p-value(121T vs. N)	Fold-Change(1-vs-121T vs. Change)	p-value(347T vs. N)	p-value(347T vs. Change)	p-value(347T vs. N)	Fold-Change(1-vs-353T vs. N)	p-value(353T vs. N)	Fold-Change(1-vs-537T vs. N)	p-value(537T vs. N)	Fold-Change(5-vs-537T vs. N)	p-value(5-vs-563T vs. N)	Fold-Change(5-vs-563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error
cg02027400	AGBL5;AGBL5	0.968818	0.931433	1.11265	1.11265	0.501667	2.32992	2.32992	0.544693	0.467462	-2.13921	0.729398	1.53384	1.53384	0.343847	0.298348	-1.3518	0.856504	0.798902	-1.25172	0.889193	0.64121	-1.18876	0.885159	0.833889	-1.19633	0.765798	0.690367	-1.4485	0.262448	6.2851	21.6596	1
cg02762561	PAXIP1	0.966821	0.665783	0.76503	-1.30714	0.79599	0.852413	-1.17314	0.955299	1.03515	1.03515	0.664087	1.30906	0.300506	0.552045	0.657443	-1.52104	0.780599	1.18779	1.18779	0.498132	0.654505	-1.52786	0.923204	0.942305	-1.06123	0.378987	0.573339	-1.74417	0.262439	1.57888	5.3477	1
cg26879951	LMBRD1	0.968832	0.996513	0.99862	-1.00138	0.46244	0.789522	-1.26659	0.776505	1.09409	1.09409	0.618638	1.17181	1.17181	0.583403	1.19122	1.19122	0.812523	1.07795	1.07795	0.943433	0.97783	-1.02267	0.434623	0.777351	-1.28642	0.742979	0.901263	-1.10955	0.262408	0.4148	1.40521	1
cg27188115	ANFR	0.968093	0.97527	-1.02536	0.88447	1.05537	1.05537	0.872124	0.939591	-1.06429	0.42447	0.36788	1.36788	0.564221	0.2509	1.2509	1.2509	0.973037	0.987427	-1.01272	0.461048	0.746507	-1.33403	0.915754	0.900176	-1.04148	0.517592	1.28653	0.262386	0.612941	2.07647	1
cg20559608	CPNE4	0.968846	0.834683	1.08652	1.08652	0.74915	0.884	-1.13585	0.763012	1.12758	1.12758	0.719759	0.866713	-1.15378	0.523837	0.773759	-1.29239	0.566575	1.25862	1.25862	0.453266	0.738341	-1.35439	0.602396	1.23206	1.23206	0.883049	1.06019	1.06019	0.262369	0.655077	2.21936	1
cg07731025	SH3GL1;SH3GL1	0.968856	0.520144	1.29352	1.29352	0.625843	0.823665	-1.22409	0.789368	0.899695	-1.11149	0.690364	1.17126	1.17126	0.451358	1.35384	1.35384	0.677563	1.17948	1.17948	0.457388	1.34839	1.34839	0.889411	0.904656	-1.05646	0.897806	1.05204	1.05204	0.262339	0.647554	2.19412	1
cg03270935	DGCR5	0.968887	0.770479	1.17271	1.17271	0.575497	1.36085	1.36085	0.461955	0.665094	-1.50355	0.464714	1.49965	1.49965	0.677036	1.25623	1.25623	0.662869	1.26984	1.26984	0.831437	0.890399	-1.12309	0.777937	0.857396	-1.16646	0.842549	0.897351	-1.11439	0.262251	1.23186	4.17533	1
cg25780365	HDC	0.968893	0.505615	1.55985	1.55985	0.814865	0.820854	-1.17572	0.941285	1.14627	1.14627	0.761382	1.25976	1.25976	1.25976	1.25976	1.25976	0.603028	1.43633	1.43633	0.658165	1.39375	1.39375	0.552792	1.51348	1.51348	0.755663	0.806198	-1.24039	0.262335	1.97811	6.70514	1
cg07622404	FAM55C;FAM55C	0.968905	0.598449	1.17612	1.17612	0.783873	0.920237	-1.08668	0.772079	0.9027	1.0027	0.893491	0.959934	-1.04174	0.636464	1.06513	1.06513	0.9363	1.0247	1.0247	0.461835	0.795604	-1.25693	0.971209	1.01108	1.01108	0.337453	1.35237	1.3622	0.386937	1.31176	1
cg16008609	VASH2;VASH2;VASH2	0.968909	0.614614	1.51685	1.51685	0.666835	1.42679	1.42679	0.62565	1.49704	1.49704	0.338985	0.445384	-2.24525	0.784005	1.25293	1.25293	0.911637	0.912925	-1.09538	0.737269	0.758579	-1.31826	0.68924	1.3908	1.3908	0.945606	1.05759	1.05759	0.262187	2.7966	9.48125	1
cg05288033	ARFGAP3;ARFGAP3	0.968924	0.593399	1.16847	1.16847	0.855893	1.19496	1.19496	0.644507	0.994	0.997913	-1.00209	0.853073	1.0612	1.0612	0.949905	0.902612	1.11079	1.30357	1.30357	0.40692	0.432473	1.2926	1.2926	0.917227	1.03991	1.03191	0.607055	1.18048	1.18048	0.262145	0.426173	1.44508	1
cg04996918	ENTPD7	0.968941	0.483677	0.88991	-1.12311	0.788821	1.04069	1.04069	0.574189	1.08845	1.08845	0.779907	0.96242	-1.03905	0.960113	1.00749	1.00749	0.554512	0.914623	-1.09335	0.731208	0.949826	-1.05282	0.651237	1.07029	1.07029	0.562797	1.09127	1.09127	0.262098	0.925057	0.313728	1
cg17414580	KPNA4	0.968963	?	?	?	0.667099	0.591538	-1.69108	0.515099	2.22854	2.22854	?	?	?	?	0.76021	0.684934	-1.46013	0.429113	2.4234	2.4234	0.987994	1.01572	1.01572	0.714483	1.56219	1.56219	0.222782	4.02688	20.7928	1
cg05954452	ZDHHC14;ZDHHC14	0.968971	0.508583	1.63913	1.63913	0.824124	1.75825	1.75825	0.648394	1.40257	1.40257	0.415998	1.84524	1.84524	0.748121	1.26797	1.26797	0.597826	1.48036	1.48036	0.626604	1.43518	1.43518	0.572634	1.963	1.963	0.955364	1.04211	1.04211	0.262201	2.2531	7.64448	1
cg23409774	CPLX2;CPLX2	0.968973	?	?	?	0.870228	1.11506	1.11506	0.980773	0.984078	-1.01618	0.362041	1.87121	1.87121	0.718915	0.786003	-1.27226	0.520466	0.647436	1.54455	0.873908	1.11158	1.11158	0.902386	0.921527	-1.08516	0.777948	1.20727	1.20727	0.262383	1.45893	5.34884	1
cg13686143	DNC2I	0.968989	0.550569	0.88899	-1.12487	0.448623	1.16232	1.16232	0.603537	1.10498	1.10498	0.907305	1.02245	1.02245	0.697721	1.07901	1.07901	0.707244	0.929127	-1.07528	0.933407	1.01716	1.01716	0.534882	1.10979	1.10979	0.262004	0.157533	0.534454	1
cg11872651	BRP1	0.968976	0.506237	1.34748	1.34748	0.755605	1.14805	1.14805	0.715092	1.17599	1.17599	0.46596	1.38831	1.38831	0.452418	1.40285	1.40285	0.312082	1.5879	1.5879	0.659857	1.21634	1.21634	0.60574	1.25891	1.25891	0.829358	1.10015	1.10015	0.262995	0.813178	2.75282	1
cg20518790	AHCTF1	0.968979	0.753926	0.94509	-1.05787	0.589378	1.10602	1.10602	0.865557	0.969153	-1.03183	0.389639	0.849775	-1.17706	0.523897	0.887416	-1.12687	0.639741	0.916517	-1.09109	0.847341	0.877666	-1.13939	0.647419	0.918373	-1.08888	0.933177	0.984612	-1.01563	0.26199	0.141886	0.481398	1
cg24160245	TCTEX1D2	0.969022	0.851444	0.96806	-1.03299	0.938365	1.1035	1.1035	0.583585	0.908798	-1.10038	0.973509	0.984279	-1.00575	0.653449	0.980515	1.08615	0.794577	1.04612	1.04612	0.545425	0.899661	-1.11153	0.998633	0.999704	-1.0003	0.295469	0.820655	-1.20619	0.262866	0.123832	0.420342	1
cg01179441	C20orf43	0.969043	0.63544	0.618104	-1.61785	0.879873	1.16457	1.16457	0.952326	0.941548	-1.06208	0.573526	1.77347	1.77347	0.796746	1.29694	1.29694	0.904411	1.12865	1.12865	?	?	0.880163	1.16413	1.16413	0.300365	2.94793	2.94793	0.243371	3.47693	14.2866	1
cg23747525	LOC388796;SNORA71D;LOC388796	0.96905	0.980237	1.02004	1.02004	0.868324	1.19496	1.19496	0.645607	1.30341	1.30341	?	?	?	?	1.36071	1.2308	?	?	?	?	0.683238	1.55312	1.55312	0.965889	1.04696	1.04696	0.947444	1.0733	1.0733	0.22154	3.14274	16.2124	1
cg12255338	ATP5D;ATP5D	0.96907	0.498471	1.22733	1.22733	0.682566	1.1304	1.1304	0.274871	1.40305	1.40305	0.693399	1.12307	1.12307	0.539738	1.18166	1.18166	0.505393	1.22318	1.22318	0.814872	1.07242	1.07242	0.535182	1.20587	1.20587	0.787288	1.08396	1.08396	0.262128	0.368337	1.25096	1
cg20949969	ZNF378	0.969084	0.581994	1.53933	1.53933	0.694989	1.38725	1.38725	0.525467	1.27461	1.27461	0.614671	1.52113	1.52113	0.756053	1.34455	1.34455	0.952016	1.05054	1.05054	0.729603	0.98211	1.01839	1.01839	0.689047	-1.45128	0.582343	0.631928	-1.58246	0.262688	0.31082	0.961288	1
cg05377733	ITGA11	0.9691	0.379006	1.58897	1.58897	0.98741	0.991937	-1.00813	0.570187	0.744961	-1.34234	0.912765	1.05784	1.05784	0.809279	1.13209	1.13209	0.56208	1.35089	1.35089	0.607788	0.766733	-1.30423	0.996019	1.00256	1.00256	0.681226	0.809018	-1.23607	0.261641	1.09093	3.70629	1
cg00706120	COMMD5;COMMD5;COMMD5	0.96912	0.980013	1.0081	1.0081	0.354859	1.35885	1.35885	0.8882	1.04636	1.04636	0.620994	1.17418	1.17418	0.481669	1.25911	1.25911	0.679466	0.874715	-1.14423	0.654985	0.86511	-1.15592	0.979915	0.952462	-1.04991	0.864971	1.05636	1.05636	0.261584	0.429998	1.46118	1
cg21076890	COL4A2	0.969139	0.771973	0.86855	-1.15157	0.726235	1.84204	1.84204	0.647202	0.820104	-1.21984	0.707779	0.820214	-1.21984	0.707779	0.820214	-1.21984	0.843218	1.10943	1.10943	0.914945	0.900592	-1.11038	0.886644	0.929797	-1.07567	0.813072	0.883179	-1.13227	0.262515	1.13917	3.87178	1
cg26220419	CUL5;CUL5	0.969159	0.99499	0.994348	-1.00568	0.634677	1.54056	1.54056	0.282558	2.74038	2.74038	0.864529	1.16668	1.16668	0.876576	1.15064	1.15064	0.909032	1.1087	1.1087	?	?	?	0.940008	0.934305	-1.07031	0.221238	2.22128	11.4745	1
cg22156852	CTTNBP2NL	0.96917	0.652831	1.10783	1.10783	0.849384	1.1001	1.1001	0.683284	0.840869	-1.1328	0.966715	0.881888	-1.2317	0.925403	1.02127	1.02127	0.914824	1.10434	1.10434	0.789327	0.96203	-1.06203	0.530483	1.1535	1.1535	0.725134	0.923731	-1.08257	0.262442	0.20913	0.71103	1
cg01118031	NTAN1	0.969226	0.761528	0.93988	-1.10621	0.68211	0.872342	-1.14634	0.904755	1.0405	1.0405	0.784736	1.09505	1.09505	0.624774	0.8565	-1.16754	0.929233	1.0299	1.0299	0.562529	1.2143	1.2143	0.374732	0.828086	1.2076	1.2076	0.398868	1.33167	1.33167	0.261282	0.455106	1.54829	1
cg25223634	C10orf26;C10orf26	0.969248	0.838316	1.17351	1.17351	0.548855	0.621866	-1.60806	0.84988	1.15996	1.15996	0.953862	0.9557	-1.04635	0.353733	2.11118	2.11118	0.544141	1.61734	1.61734	0.6132	0.670859	-1.49063	0.897323	0.903839	-1.10639	0.984384	1.01544	1.01544	0.261218	2.53719	8.63372	1
cg09495418	GLDN	0.969254	0.963361	1.03231	1.03231	0.960657	1.04645	1.04645	0.796425	1.04226	1.04226	0.813234	1.13234	1.13234	0.626964	1.55004	1.55004	0.632657	1.396	1.396	?	?	?	0.601201	1.41555	1.41555	0.636544	0.645875	0.615513	-1.62567	0.470382	0.11904	0.385183	0.75632	1
	ASFMR1;ASFMR1;ASFMR1;FMR1;ASFM																																
cg22625568	R1;ASFMR1	0.969255	?	?	?	0.602847	0.408599	-2.44739	0.665327	0.476142	-2.10022	0.985138	1.03227	1.03227	?	?	?	0.423422	0.248077	-4.03101	0.456269	0.27426	-3.64617	0.705001	0.522838	-1.91264	0.94196	0.883249	-1.13218	0.220769	7.91282	40.9252	1
cg01036643	UPRT;UPRT	0.969256	0.394952	0.438823	-2.27882	0.985925	1.01682	1.01682	0.460964	0.491852	-2.03313	0.722126	1.40154	1.40154	0.590069	0.597998	-1.67225	0.511383	0.532766	1.877	0.62556	0.62818	-1.5919	0.654398	0.65313	-1.53109	0.700873	0.694267	-1.44037	0.261194	3.69711	12.5819	1
cg15341833	UXS1	0.969257	0.794618	0.816853	-1.22421	0.860629	1.146	1.146	0.730135	0.764515	-1.30802	0.585161	0.652675	-1.53216	0.489362	0.580089	-1.72387	0.52567	1.64653	1.64653	0.919566	1.08147	1.08147	0.979626	1.02	1.02	0.40652	0.517654	-1.93179	0.261191	2.48739	8.46511	1
cg19612823	MAPKBP1;MAPKBP1	0.969264	0.863021	1.08253	1.08253	0.763574	1.54242	1.54242	0.414798	1.03572	1.03572	0.820541	1.53855	1.53855	0.338627	1.3365	1.3365	0.742754	1.51758	1.51758	1.1928	0.765163	1.30625	1.30625	0.712104	1.40475	1.40475	0.877777	1.36021	1.36021	0.262484	0.197321	0.75102	1
cg00987630	EIF3B;EIF3B	0.969276	0.512921	1.25691	1.25691	0.950599	1.01915	1.01915	0.545727	1.23454	1.23454	0.757838	0.898912	-1.11246	0.595099	1.20302	1.20302	0.931664	0.970879	-1.02999	0.353277	1.38975	1.38975	0.921317	1.03463	1.03463	0.72932	0.887186	-1.12716	0.261138	0.491103	1.67167	1
cg10767737	TULP3;TULP3	0.969282	0.381586	1.70782	1.70782	0.990031	1.26577	1.26577	0.763128	1.1245	1.1245	0.491531	0.762433	-1.31169	0.984158	0.99232	-1.00774	0.597459	0.813115	-1.22984	0.943156	1.16025	1.16025	0.966187	0.892059	-1.13371	0.779706	0.878583	-1.1382	0.26109	0.623229	2.12128	1
cg08440521	RNF150	0.96932	0.810423	0.798824	-1.25184	0.751104	1.34638	1.34638	0.50704	1.876	1.876	0.527011	0.549326	-1.82041	0.784901	1.29136	1.29136	?	?	0.883939	0.888024	-1.1261	0.650856	0.653225	-1.53087	0.554931	0.572264	1.74744	0.262483	0.98241	12.2984	1
cg26881239	PIRT	0.969331	0.672982	0.66383	-1.46235	0.946041	0.941204	-1.06247	0.733099	0.736066	-1.35857	0.777952	1.28801	1.28801	0.362392	0.432529	-2.31199	0.879153	1.14592	1.14592	0.799287	0.796041	-1.25622	0.548816	1.72134	1.72134	0.598169	1.60985	1.60985	0.26098	3.3128	11.2833	1
ch.15.66340R	LEO1	0.969334	0.708822	0.760822	-1.31496	0.742883	1.32523	1.32523	0.54257	1.23979	1.23979	0.567653	1.16733	1.16733	0.762435	1.31109	1.31109	0.764153	1.30853	1.30853	0.884154	0.99232	-1.00774	0.857066	0.563709	0.605984	-1.65021	0.992514	1.00808	1.00808	0.793547	0.798452	-1.25242	0.233749	2.00261	10.3679	1
cg13155712	CSNK1D;CSNK1D	0.969342	0.441323	0.755759	-1.32317	0.656492	0.85244	-1.1731	0.846473	0.933202	-1.07158	0.809173	1.09012	1.09012	0.934217	0.970986	-1.02988	0.902899	0.957404	-1.04449	0.515103	1.26542	1.26542	0.579244	1.22111	1.22111	0.56834	0.814415	-1.22833	0.260947	0.525711	1.79078	1
cg05527507	SAMD11	0.969349	0.750926	0.84869	-1.17819	0.742627	1.28307	1.28307	0.512824	0.803204	-1.2484	0.747993	0.820214	-1.21984	0.707779	0.820214	-1.21984	0.935837	1.06963	1.06963	0.659606	0.93589	1.0427	1.0427	0.752881	1.1498	1.1498	0.495592	1.11038	1.11038	0.886644	0.929797	-1.07567	0.813072	0.883179	-1.13227	0.26151	1.13917	3.87178	1
cg26220419	CUL5;CUL5	0.969159	0.99499	0.994348	-1.00568	0.634677	1.54056	1.54056	0.282558	2.74038	2.74038	0.864529	1.16668	1.16668	0.876576	1.15064	1.15064	0.909032	1.1087	1.1087	?	?	?	0.940008	0.934305	-1.07031	0.221238	2.22128	11.4745	1
cg22156852	CTTNBP2NL	0.96917	0.652831	1.10783	1.10783	0.849384	1.1001	1.1001	0.683284	0.840869	-1.1328	0.966715	0.881888	-1.2317	0.925403	1.02127	1.02127	0.914824	1.10434	1.10434	0.789327	0.96203	-1.06203	0.530483	1.1535	1.1535	0.725134	0.923731	-1.08257	0.262442	0.20913	0.71103	1
cg01118031	NTAN1	0.969226	0.761528	0.93988	-1.10621	0.68211	0.872342	-1.14634	0.904755	1.0405	1.0405	0.784736	1.09505	1.09505	0.624774	0.8565	-1.16754	0.929233	1.0299	1.0299	0.562529	1.2143	1.2143	0.374732	0.828086	1.2076	1.2076	0.398868	1.33167	1.33167	0.261282	0.455106	1.54829	1
cg25223634	C10orf26;C10orf26	0.969248	0.838316	1.17351	1.17351	0.548855	0.621866	-1.60806	0.84988	1.15996	1.15996	0.953862	0.9557	-1.04635	0.353733	2.11118	2.11118	0.544141	1.61734	1.61734	0.6132	0.670859	-1.49063	0.897323	0.903839	-1.10639	0.984384	1.01544	1.01544	0.261218	2.53719	8.63372	1
cg09495418	GLDN	0.969254	0.963361	1.03231	1.03231	0.960657	1.04645	1.04645	0.796425	1.04226	1.04226	0.813234	1.13234	1.13234	0.626964	1.55004	1.55004	0.632657	1.396	1.396	?	?	?	0.601201	1.41555	1.41555	0.636544	0.645875	0.615513	-1.62567	0.470382	0.11904	0.385183	0.75632	1
	ASFMR1;ASFMR1;ASFMR1;FMR1;ASFM																																
cg22625568	R1;ASFMR1	0.969255	?	?	?	0.602847	0.408599	-2.44739	0.665327	0.476142	-2.10022	0.985138	1.03227	1.03227	?	?	?	0.423422	0.248077	-4.03101	0.456269	0.27426	-3.64617	0.705001	0.522838	-1.91264	0.94196	0.883249	-1.13218	0.220769	7.91282	40.9252	1
cg01036643	UPRT;UPRT	0.969256	0.394952	0.438823	-2.27882	0.985925	1.01682	1.01682	0.460964	0.491852	-2.03313	0.722126	1.40154	1.40154	0.590069	0.597998	-1.67225	0.511383	0.532766	1.877	0.62556	0.62818	-1.5919	0.654398	0.65313	-1.53109	0.700873	0.694267	-1.44037	0.261194	3.69711	12.5819	1
cg15341833	UXS1	0.969257	0.794618	0.816853	-1.22421	0.860629	1.146	1.146	0.730135	0.764515	-1.30802	0.585161	0.652675	-1.53216	0.489362	0.580089	-1.72387	0.52567	1.64653	1.64653	0.919566	1.08147	1.08147	0.979626	1.02	1.02	0.40652	0.517654	-1.93179	0.261191	2.48739	8.46511	1
cg19612823	MAPKBP1;MAPKBP1	0.969264	0.863021	1.08253	1.08253	0.763574	1.54242	1.54242	0.414798	1.03572	1.03572	0.820541	1.53855	1.53855	0.338627	1.3365	1.3365	0.742754	1.51758	1.51758	1.1928	0.765163	1.30625	1.30625	0.712104	1.40475	1.40475	0.877777	1.36021	1.36021	0.262484	0.197321	0.75102	1
cg00987630	EIF3B;EIF3B	0.969276	0.512921	1.25691	1.25691	0.950599	1.01915	1.01915	0.545727	1.23454	1.23454	0.757838	0.898912	-1.11246	0.595099	1.20302	1.20302	0.931664	0.970879	-1.02999	0.353277	1.38975	1.38975	0.921317	1.03463	1.03463	0.72932	0.887186	-1.12716	0.261138	0.491103	1.67167	1
cg10767737	TULP3;TULP3	0.969282	0.381586	1.70782	1.70782	0.990031	1.26577	1.26577	0.763128	1.1245	1.1245	0.491531	0.762433	-1.31169	0.984158	0.99232	-1.00774	0.597459	0.813115	-1.22984	0.943156	1.16025	1.16025	0.966187	0.892059	-1.13371	0.779706	0.878583	-1.1382	0.26109	0.623229	2.12128	1
cg08440521	RNF150	0.96932	0.810423	0.798824	-1.25184	0.751104	1.34638	1.34638	0.50704	1.876	1.876	0.527011	0.549326	-1.82041	0.784901	1.29136	1.29136	?	?	0.883939	0.888024	-1.1261	0.650856	0.653225	-1.53087	0.554931	0.572264	1.74744	0.262483	0.98241	12.2984	1
cg26881239	PIRT	0.969331	0.672982	0.66383	-1.46235	0.946041	0.941204	-1.06247	0.733099	0.736066	-1.35857	0.777952	1.28801	1.28801	0.362392	0.432529	-2.31199	0.879153	1.14592	1.14592	0.799287	0.796041	-1.25622	0.548816	1.72134	1.72134	0.598169	1.60985	1.60985	0.26098	3.3128	11.2833	1
ch.15.66340R	LEO1	0.969334	0.708822	0.760822	-1.31496	0.742883	1.32523	1.32523	0.54257	1.23979	1.23979	0.567653	1.16733	1.16733	0.762435	1.31109	1.31109	0.764153	1.30853	1.30853	0.884154	0.99232	-1.00774	0.857066	0.563709	0.605984	-1.65021	0.992514	1.00808	1.00808	0.793547	0.798452	-1.25242	0.233749	2.00261	10.3679	1
cg13155712	CSNK1D;CSNK1D	0.969342	0.441323	0.755759	-1.32317	0.656492	0.85244	-1.1731	0.846473	0.933202	-1.07158	0.809173	1.09012	1.09012	0.934217	0.970986	-1.02988	0.902899	0.957404	-1.04449	0.515103	1.26542	1.26542	0.579244	1.22111	1.22111	0.56834	0.814415	-1.22833	0.260947	0.525711	1.79078	1
cg05527507	SAMD11	0.969349	0.750926	0.84869	-1.17819	0.742627	1.28307	1.28307	0.512824	0.803204	-1.2484	0.747993	0.820214	-1.21984	0.707779	0.820214	-1.21984	0.935837	1.06963	1.06963	0.659606	0.93589	1.0427	1.0427	0.752881	1.1498	1.1498	0.495592	1.11038	1.11038	0.886644	0.929797	-1.07567	0.813072	0.883179	-1.13227	0.26151	1.13917	3.87178	1
cg18515291	STX1A;STX1A	0.96935	0.349011	2.87686	2.87686	0.815579	1.29047	1.29047	0.877279	0.844813	-1.18369	0.696449	1.53438	1.53438	0.460946	2.27345	2.27345	0.569223	1.87526	1.87526	0.858268	0.822766	-1.21541	0.799655	0.757606	-1.31995	0.888803	0.858413	-1.16494	0.255252	4.71218	14.3585	1
cg27524519	HELQ;MRPS18C;MRPS18C	0.969356	0.370859	2.68341	2.68341	0.829802	0.9403	-1.28136	0.662886	0.842869	-1.1328	0.966715	0.881888	-1.2317	0.925403	1.02127	1.02127	0.914824	1.10434	1.10434	0.789327	0.96203	-1.06203	0.530483	1.1535	1.1535	0.725134	0.923731	-1.08257	0.262442	0.20913	0.71103	1
cg01830584	DCUN1D4;DCUN1D4	0.96935	0.813151	0.861524	-1.16126	0.855952	0.894343	-1.11814	0.851786	0.855842	-1.17006	0.853388	0.853388	-1.12571	0.918209	1.06706	1.06706	0.634655	1.57724	1.57724	0.85265	1.15726	1.15726	0.864222	0.759291	-1.31702	0.414858	1.68415	1.68415	0.262515	1.41232	5.59604	1
cg15838833	SSH1	0.969387	0.786118	1.07868	1.07868	0.797257	1.07432	1.07432	0.885812	1.04082	1.04082	0.748634	1.09365	1.09365	0.824464	1.06381	1.06381	0.235037	0.707112	-1.4142	0.81942	0.938313	-1.06574	0.98026	1.00691	1.00691	0.772298	0.922386	-1.08415	0.260818	0.32028	1.09154	1
cg06093893	FAM64A	0.969389	0.794662	1.09401	1.09401	0.523401	1.2458	1.2458	0.624855	1.3355	1.3355	0.944732	0.976183	-1.02464	0.947319	0.977545	-1.02313	0.819999	1.08276	1.08276	0.99002	0.877791	-1.13922	0.893981	0.917044	-1.09005	0.847975	0.913225	-1.09511	0.262483	0.490381	0.70196	1
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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value|1047 vs. N)	Fold-Change|1 vs.N	p-value|105T 047 vs. N) vs. N)	Fold-Change|1 vs.N	p-value|1057 vs. N)	Fold-Change|1 057 vs. N) vs. N)	p-value|1117 vs. N)	Fold-Change|1 117 vs. N) vs. N)	p-value|1127 vs. N)	Fold-Change|1 127 vs. N) vs. N)	p-value|1217 vs. N)	Fold-Change|1 217 vs. N) vs. N)	p-value|3477 vs. N)	p-value|3477 vs. N)	p-value|3537 vs. N)	Fold-Change|3 537 vs. N) vs. N)	p-value|5377 vs. N)	Fold-Change|5 377 vs. N) vs. N)	p-value|5637 vs. N)	Fold-Change|5 637 vs. N) vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg17445188	ZCRH2C	0.970768	0.33948	1.38756	1.38756	0.765435	1.10467	1.10467	0.711181	1.13172	1.13172	0.542329	0.814485	-1.22777	0.654593	1.16163	1.16163	0.969345	0.987296	-1.01287	0.792218	0.915909	-1.09181	0.607603	1.18806	1.18806	0.89765	1.04375	0.256206	0.449154	1.55831	1
cg26337290	MRPS27	0.971003	0.730534	1.1882	1.1882	0.664376	0.80434	-1.24326	0.676038	0.810902	-1.23319	0.872333	0.922922	-1.08352	0.922995	0.952922	-1.0494	0.630065	1.27386	1.27386	0.88984	0.954228	1.05252	0.719584	-1.38969	0.98827	1.00736	1.00736	0.1261	1.009	3.5021	1
cg19331065	ODZ1;ODZ1;ODZ1	0.971004	0.928732	0.929515	-1.07583	0.620476	1.50357	1.50357	0.631164	0.673528	-1.48472	0.433674	1.92084	1.92084	0.593435	1.55316	1.55316	0.42484	1.94626	1.94626	0.901071	1.10695	1.10695	0.760152	1.28426	1.28426	0.828067	0.837182	-1.19448	0.256098	2.70778	9.39844	1
cg07998558	KCNH2;KCNH2;KCNH2	0.971021	0.678697	1.07349	1.07349	0.922125	0.983492	-1.01674	0.809377	0.959694	-1.042	0.706489	0.937629	-1.06652	0.708529	1.06602	1.06602	0.45184	1.13938	1.13938	0.404542	1.15626	1.15626	0.728358	0.942375	-1.06115	0.815264	0.960941	-1.04065	0.256048	0.117518	0.407974	1
cg08869722	ST6GALNAC3;ST6GALNAC3	0.971034	0.502772	1.55352	1.55352	0.737807	1.24311	1.24311	0.711247	0.785964	-1.27232	0.878363	0.905561	-1.10429	0.618203	1.38467	1.38467	0.445833	1.65428	1.65428	0.834318	1.1453	1.1453	0.788573	1.77246	1.77246	0.956485	1.03598	0.12601	1.70113	5.90648	1
cg06595852	DOCK7	0.971047	0.995922	1.00203	1.00203	0.78819	1.11254	1.11254	0.613336	0.633333	1.20965	1.20965	0.520038	1.29441	1.29441	0.628411	0.824369	-1.21305	0.847569	0.926618	-1.07919	0.618812	1.22539	1.22539	0.915171	1.0431	1.0431	0.338786	1.47771	1.47771	0.25597	0.633836	2.20862	1
cg06692173	ZYG11B	0.971047	0.327464	0.617287	-1.61999	0.492718	0.717136	-1.39444	0.965748	0.979715	-1.0207	0.979734	1.0122	1.0122	0.618589	0.787001	-1.27065	0.762725	0.865452	-1.15547	0.575123	0.763173	-1.31032	0.715908	1.19057	1.19057	0.89808	1.06307	0.26597	0.923328	3.20638	1
cg20458124	LDLRAP1	0.971059	0.988787	0.99613	-1.00389	0.644035	0.869232	-1.15044	0.966944	0.969769	1.02213	0.91063	1.03146	1.03146	0.543856	1.18472	1.18472	0.688766	0.894863	-1.11749	0.645096	1.23297	1.23297	0.558033	0.849215	-1.17756	0.642538	1.13765	1.13765	0.259336	0.30856	1.07166	1
cg13031449	FLAD1;FLAD1;FLAD1	0.971059	0.809426	0.9366	1.06769	0.555884	1.17526	1.17526	0.84198	1.0856	1.0856	0.687488	0.885178	-1.12972	0.675505	0.890795	-1.12259	0.431294	0.804327	-1.24328	0.742667	0.914556	-1.09343	0.505689	0.832703	-1.20091	0.768182	1.08343	0.255936	0.297898	1.03463	1
cg00906943	SLC38A1;SLC38A1	0.971084	0.8271	1.05473	1.05473	0.675294	0.90247	-1.10807	0.982217	1.00544	1.00544	0.85802	1.03171	1.03173	0.539922	1.16317	1.16317	0.272885	1.32044	1.32044	0.986556	1.00411	1.00411	0.727757	0.918396	-1.08885	0.869922	1.04073	1.04073	0.255862	0.240433	0.835286	1
cg13723796	DAB2IP;DAB2IP	0.971137	0.701347	0.858023	-1.16548	0.654573	1.15648	1.15648	0.763703	1.18159	1.18159	0.996542	1.00279	1.00279	0.912272	0.81883	-1.22155	0.546225	0.942255	1.02715	1.02715	0.699729	0.980135	-1.02027	0.818958	0.970773	1.03861	1.03861	-1.09539	0.50772	0.763649	2.22306	1
cg19109493	TNKS	0.971133	0.694794	0.872491	-1.14614	0.439946	0.76151	-1.31318	0.602321	1.19944	1.19944	0.584166	1.21069	1.21069	0.998244	0.999239	-1.00076	0.835358	0.93054	-1.07464	0.661118	1.16485	1.16485	0.551357	0.811813	-1.23181	0.964742	0.984826	-1.01541	0.255714	0.486608	1.68455	1
cg10957166	LOC338799	0.97114	0.735403	0.887466	-1.12518	0.760933	0.905992	-1.10381	0.983407	1.0664	1.0664	0.516834	0.80199	-1.2469	0.832857	0.931507	-1.07353	0.940986	1.13372	1.13372	0.651871	1.16472	1.16472	0.649099	1.19146	1.19146	0.851093	1.06515	1.06515	0.255696	0.454644	1.58683	1
cg01999212	EPN81	0.971139	0.906415	1.2804	1.2804	0.365837	0.139247	-7.18148	0.772691	0.543781	-1.83898	0.973375	0.93226	-1.07266	0.781754	1.79338	1.79338	0.469288	0.210831	-4.74313	0.2109	0.996954	0.992011	-1.00805	0.752325	0.513738	-1.94652	0.226349	13.4008	44.403	1
cg16585827	LRP2	0.971205	0.837083	0.876179	-1.14132	0.692181	1.29106	1.29106	0.861966	1.11821	1.11821	0.443847	1.65066	1.65066	0.795459	0.846387	-1.18149	0.810902	0.857373	-1.16635	0.422364	1.6924	1.6924	0.715912	1.26446	1.26446	0.470256	1.60253	1.60253	0.255501	0.66784	2.58234	1
cg25335226	SELT	0.971236	0.818496	0.935406	-1.06905	0.795651	1.07851	1.07851	0.763053	0.918353	-1.08917	0.961187	1.00424	1.00424	0.529348	1.20336	1.20336	0.662994	1.13587	1.13587	0.816314	0.74011	-1.35115	0.625608	1.06021	1.06021	0.901421	1.03665	1.03665	0.255408	0.343614	1.33885	1
cg24877509	FGF14	0.971243	0.634801	0.731143	-1.36772	0.625579	1.37966	1.37966	0.559794	1.47096	1.47096	0.829238	1.15183	1.15183	0.722412	0.791809	-1.26293	0.573837	0.689422	-1.45049	0.779421	0.832141	-1.20172	0.917206	0.934212	-1.07042	0.469417	1.61878	1.61878	0.255389	1.73239	6.02964	1
cg19094555	RFX7	0.971251	0.593561	1.07673	1.07673	0.411368	1.11388	1.11388	0.644544	0.942245	-1.06129	0.794036	0.966964	-1.03416	0.61276	0.936581	-1.06773	0.88519	1.01872	1.01872	0.931936	0.926098	-1.0799	0.984579	1.00248	1.00248	0.87441	1.02052	1.02052	0.255363	0.066742	0.232085	1
cg08676249	AUTS2;AUTS2;AUTS2	0.971279	0.947086	0.985454	-1.01476	0.726851	1.27567	1.27567	0.882692	1.03313	1.03313	0.84295	1.04476	1.04476	0.569139	0.991406	-1.00858	0.962994	1.13587	1.13587	0.816314	1.12429	1.12429	0.804	1.10543	1.10543	0.801274	1.05726	1.05726	0.255281	0.197046	0.686114	1
cg02761798	MTSS1L	0.971286	0.77486	0.952139	-1.05027	0.771216	1.05113	1.05113	0.95058	0.989456	-1.01066	0.362085	1.17376	1.17376	0.783102	1.04832	1.04832	0.988081	1.00256	1.00256	0.381459	1.16593	1.16593	0.50791	1.12173	1.12173	0.836968	1.03587	1.03587	0.25526	0.118243	0.417756	1
cg18276810	CTNNB1;CTNNB1;CTNNB1	0.971307	0.514527	1.44384	1.44384	0.627004	1.29032	1.29032	0.912134	0.909578	0.938817	-1.06517	0.867222	0.931206	-1.07455	0.944337	1.05045	0.446114	1.13969	1.13969	0.48889	1.47802	1.47802	0.690377	0.946049	-1.05815	0.205166	1.24815	1.24815	0.434751	1	
cg16064925	CNDP1	0.971312	0.28377	1.32507	1.32507	0.902669	0.969551	-1.03141	0.551164	1.16464	1.16464	0.630107	1.13048	1.13048	0.913482	1.02785	1.02785	0.929212	1.02271	1.02271	0.922691	0.920698	1.02549	0.791549	0.935241	-1.06924	0.697614	0.906026	-1.10372	0.255184	0.258189	0.899356	1
cg01253545	RNF185;RNF185;RNF185	0.971325	0.669309	1.88668	1.88668	0.693593	1.79498	1.79498	0.999485	0.990047	-1.00095	0.630064	2.04876	2.04876	?	?	?	?	?	?	0.589	0.446458	-2.23985	0.733788	1.65568	1.65568	0.51462	2.65804	2.65804	0.211091	5.54725	26.279	1
cg19317807	RABGAP1L	0.971342	0.525516	2.52209	2.52209	0.647266	1.9301	1.9301	0.948734	0.912307	-1.09612	0.49609	2.68168	2.68168	?	?	?	?	0.542165	2.41258	2.41258	0.777741	1.49768	1.49768	0.763863	1.52002	1.52002	0.600453	0.470336	-2.12614	0.230736	6.78981	28.6812	1
cg15976550	TUFT1;TUFT1;TUFT1	0.971381	0.941007	1.03685	-1.08594	0.72709	1.29592	1.29592	0.968537	1.04492	-1.04492	0.412693	1.30434	1.30434	0.54192	0.828186	0.632156	-1.58189	0.293025	0.29901	-3.34437	0.870317	0.833603	-1.19961	0.915152	1.1925	1.19285	0.254978	5.0107	17.468	1
cg18543242	SLC7A7	0.971383	0.302367	0.58035	-1.7231	0.970262	0.981194	-1.01917	0.872566	1.08518	1.08518	0.942008	1.03775	1.03775	0.431894	0.664644	-1.50456	0.968691	0.98021	-1.02019	0.967755	0.979624	-1.0208	0.568976	0.745902	-1.34066	0.841407	1.07742	1.07742	0.254972	1.04734	3.65125	1
cg12837642	OTUD7A	0.971394	0.67116	0.842838	-1.15199	0.874803	1.07381	1.07381	0.644514	1.29286	1.29286	0.921559	0.96793	-1.03311	0.777128	1.0884	1.0884	0.672266	0.868735	-1.1511	0.743946	1.36256	1.36256	0.763729	1.10484	1.10484	0.834918	0.941659	1.06202	0.254918	0.441659	1.53992	1
cg14004477	GPR3	0.971408	0.885695	0.09013	1.09013	0.823524	1.1434	1.1434	0.891534	1.0853	1.0853	0.747126	0.825382	-1.21421	0.544073	1.44542	1.44542	0.619602	1.35018	1.35018	0.454324	0.635673	-1.57314	0.5933	1.47981	1.47981	0.595375	1.37929	1.37929	0.254896	1.45312	5.06742	1
cg26405759	PDIX	0.971417	0.776413	1.11498	1.11498	0.581548	0.808336	-1.23711	0.594198	0.814197	-1.2282	0.687656	1.16706	1.16706	0.628631	1.20478	1.20478	0.580741	1.23768	1.23768	0.712196	0.867933	-1.15216	0.502596	1.29704	1.29704	0.949431	1.02454	1.02454	0.254868	0.589822	2.05708	1
cg26447347	SHC2	0.971435	0.645804	1.18354	1.19159	0.494724	1.30358	1.30358	0.90063	0.933713	-1.04853	0.603197	1.81960	1.81960	-1.22914	0.719984	1.12984	0.766647	1.24813	1.24813	0.748486	1.23633	1.23633	0.51407	0.787435	-1.26995	0.815406	1.0928	1.0928	0.254708	0.580002	2.02726	1
cg16615058	PRSS36	0.971488	0.857472	0.932557	-1.07232	0.888218	1.05615	1.05615	0.892601	0.948884	-1.05387	0.560024	0.795404	-1.25722	0.531022	0.78155	-1.27951	0.940727	0.971529	-1.02931	0.812526	1.09668	1.09668	0.30404	0.65915	-1.51711	0.54321	0.787396	-1.27001	0.254657	0.608469	2.12388	1
cg00213606	CYFIP1	0.971501	0.835047	1.07403	1.07403	0.744264	1.21163	1.21163	0.741247	1.27307	1.27307	0.768006	1.25126	1.25126	0.736284	1.30848	1.30848	0.623883	1.23373	1.23373	0.570302	0.76916	-1.29998	0.722622	0.505757	1.79163	1.79163	0.922065	1.15128	1.15128	0.254601	0.607238	2.02267	1
cg00539955	PARVB	0.971539	0.605556	1.23094	1.23094	0.777471	0.893142	-1.11964	0.792341	1.11097	1.11097	0.573276	1.25482	1.25482	0.505371	1.30939	1.30939	0.602383	1.23288	1.23288	0.591722	1.24103	1.24103	0.849196	0.926887	-1.07888	0.554464	0.787832	-1.26931	0.254506	0.641224	2.23954	1
cg27530539	ARHGAP22	0.971553	0.541957	0.475359	-2.10368	0.48571	0.422545	-2.36661	0.568734	0.499624	-2.0015	0.753385	0.684085	-1.46181	0.554477	1.07119	1.07119	0.71325	0.641053	-1.55993	0.366465	0.327033	-3.05779	0.481368	0.422253	-2.36825	0.544574	0.477707	-2.09333	0.254464	0.84848	20.4295	1
cg13709054	DOM3Z;STK19;STK19;DOM3Z;STK19	0.971559	0.54754	1.84202	1.84202	0.539707	0.943172	1.06138	0.716012	0.983406	1.03798	0.764557	0.908546	-1.10112	0.615129	0.951825	-1.05054	0.836368	1.07531	1.07531	0.742402	0.908537	1.10807	1.10807	0.802227	-1.10837	0.822794	0.978304	-1.02246	0.35547	0.907565	0.014881	0.145852	1
cg26533350	MFSD4	0.971625	0.329618	1.6349	1.6349	0.599774	1.29525	1.29525	0.434418	1.47654	1.47654	0.554994	1.33875	1.33875	0.655965	1.23641	1.23641	0.830653	1.11032	1.11032	0.466785	1.43595	1.43595	0.813398	1.1239	1.1239	0.932344	1.04236	1.04236	0.254249	0.963346	3.36099	1
cg19968199	DYRK2;DYRK2	0.971631	0.653237	1.5896	1.5896	0.623857	1.32595	1.32595	0.782814	1.5515	1.5515	0.647315	1.64202	1.64202	0.856736	1.26139	1.26139	0.762264	1.5878	1.5878	0.57535	1.18567	1.18567	0.844754	1.39166	1.39166	0.617402	1.29493	1.29493	0.254045	0.83442	3.65342	1
cg10896586	GPR110;GPR110	0.971650	0.567591	0.533739	-1.87358	0.5582	0.523377	-1.91068	0.873934	1.08983	1.08983	0.890231	1.1619	1.1619	0.770387	0.727573	1.37443	0.450004	0.431229	2.30825	0.46366	0.444598	-2.24922	0.583384	0.557477	-1.82558	0.726697	1.46423	1.46423	0.254185	0.75406	16.625	1
cg17666689	LOC283050;LOC283050;LOC283050	0.971662	0.825334	0.927702	-1.07793	0.385321	1.35282	1.35282	0.876701	0.94865	-1.05413	0.841027	0.934086	-1.07057	0.591276	1.20208	1.20208	0.720036	1.12998	1.12998	0.764699	0.904726	-1.10531	0.430464	1.3142	1.3142	0.749232	1.11504	1.11504	0.254136	0.463985	1.62287	1
cg22136894	YTHDF3;YTHDF3	0.971668	0.888344	1.04441	1.04441	0.842706	0.883881	-1.12622	0.864768	1.07028	1.07028	0.811594	1.11594	1.11594	0.807473	1.04249	1.04249	0.973447	1.06144	1.06144	0.919722	1.06609	1.06609	0.886951	1.07967	1.07967	0.914449	1.0332	1.0332	0.612969	1.1239	1.1239	0.251041	0.673425	1.74205	1
cg25013550	AP2A	0.971708	0.805654	0.84765	-1.17973	0.786003	0.833204	-1.20019	0.844818	0.879396	-1.13714	0.910417	0.92731	-1.07839	0.798514	0.842385	-1.18711	0.816914	0.855989	-1.1682	0.623227	1.39371	1.39371	0.595849	1.43178	1.43178	0.804308	1.04077	1.04077	0.253999	1.80861	6.32938	1
cg24313640	CLP1;CLP1	0.971758	0.999915	0.999791	-1.00021	0.303272	8.24114	8.24114	0.560977	1.18522	1.18522	0.827455	1.53659	1.53659	0.856325	0.70004	-1.42849	0.954607	1.1185	1.1185	0.71227	2.04604	2.04604	0.752534	0.536542	-1.86379	0.696656	0.462395	-2.16265	0.248235	14.8969	46.6752	1
cg20752636	SCYL3;SCYL3	0.971759	0.85536	1.0541	1.0541	0.705458	1.01033	1.01033	1.010004	1.01004	1.01004	0.955262	1.38695	1.38695	0.942558	0.625401	-1.59882	0.642227	0.805208	-1.24176	0.742428	0.623686	1.60321	0.906167	0.944985	-1.05822	0.867208	0.763083	-1.31047	0.937374	1.03841	0.253844	0.975845	3.24204	1
cg18402268	BTN3A1;BTN3A1;BTN3A1	0.971779	0.893545	0.97814	-1.02374	0.621632	1.09108	1.09108	0.75706	1.05587	1.05587	0.340024	1.54457	1.54457	0.658509	1.08076	1.08076	0.745792	1.05865	1.05865	0.40007	1.04547	1.04547	0.725357	1.06375	1.06375	0.589583	1.10012	1.10012	0.25381	0.123406	0.432183	1
cg22918432	ARMC5;ARMC5	0.971803	0.881185	1.03566	1.03566	0.400029	1.22363	1.22363	0.392932	1.22755	1.22755	0.493815	1.17678	1.17678	0.591371	1.13537	1.13537	0.785904	1.06586	1.06586	0.796133	1.06253	1.06253	0.924856	0.978142	-1.02235	0.496208	1.17569	1.17569	0.253712	0.220524	0.772613	1
cg13393778	S1PR2	0.971812	0.75283	0.865148	1.15591	0.997316	0.998459	-1.00154	0.822607	0.900116	-1.10973	0.643793	1.23801	1.23801	0.649915	1.23308	1.23308	0.469998	1.40076	1.40076	0.878579	0.932303	1.07261	0.96735	1.23308	1.23308	0.984718	1.08195	1.08195	0.869467	0.6656	1.50524	0.253686	0.844718	2.93598	1
cg15970259	TUB;TUB	0.971817	0.650516	1.26102	1.26102	0.468739	0.699322	-1.42996	0.927905	1.04709	1.04709	0.748961	1.17734	1.17734	0.585452	1.32323	1.32323	0.788672	1.87231	-1.14638	0.486407	1.4328	1.4328	0.56903	1.34001	1.34001	0.842675	0.903889	-1.10633	0.25367	0.31887	3.64031	1
cg12095515	FBXL5;FBXL5	0.971829	0.87363	1.02499	1.02499	0.930782	0.986621	-1.01356	0.790771	0.959611	-1.04209	0.777956	1.04478	1.04481	0.563126	0.913933	-1.09462	0.956207	1.00845	1.00845	0.991886	1.03478	1.03478	0.994567	1.00105	1.00105	0.596613	1.08634	1.08634	0.253637	0.090568	0.318426	1
cg26180504	GOLGA3	0.971847	0.711201	0.828415	-1.20712	0.8996	0.965658	-1.03558	0.774205	0.96598	-1.03558	0.7755	1.18842	1.18842	0.987452	1.06063	1.06063	0.515071	0.771647	-1.29258	0.7733	0.97934	0.875934	-1.14164	0.561686	0.622136	-1.60737	0.802622	0.880935	-1.13516	0.511743	1.40052	1.40052	0.253581	0.12858	0.60404	1
cg00059070	SNX27	0.971871	0.847116	1.06708	1.06708	0.718405	0.885318	-1.12954	0.949219	1.38287	1.38287	0.633352	1.17546	1.17546	0.70198	1.01565	1.01565	0.800553	1.08888	1.08888	0.39842	1.33631	1.33631	0.60179	1.19376	1.19376	0.971722	0.988147	-1.012	0.253508	0.454311	1.59208	1
cg08669361	SPR16;SPR16	0.971882	0.647852	1.54993	1.54993	0.572351	0.941353	-1.0623	0.63895	1.14397	1.14397	?	?	?	?	?	?	0.945788	1.24018	1.24018	0.760915	1.12385	1.12385	1.26861	0.644805	1.57051	1.57051	0.823165	1.24641	1.24641	0.253465	0.79686	3.16111	1
cg15941057	C17orf63;C17orf63	0.971893	0.498739	0.69943	-1.42974	0.384282	0.628522	-1.59103	0.723874	0.831394	-1.2028	0.447508	0.668312	-1.49631	0.707687	0.821943	-1.21663	0.824832	0.801013	-1.12232	0.518532	0.711261	-1.40595	0.617152	0.769235	-1.29999	0.813579	1.13085	1.13085	0.253441	1.08773	3.81497	1
cg17404289	NDUFA2;NDUFA2;MAD1L1	0.971928	0.934588	1.04777	1.04777	0.543264	1.35428	1.35428	0.454686	1.45624	1.45624	0.755225	0.857152	-1.16665	0.503159	0.774403	-1.29065	0.805056	0.885252	-1.12952	0.566736	0.751707	1.33031	0.990937	1.0006	1.0006	0.91948	0.951384	-1.05111	0.253339	0.974722	3.42001	1
cg09273910	SETD1B	0.971959	0.61147	1.20735	1.20735	0.70838	1.14821	1.14821	0.923402	0.965244	-1.03601	0.908341	0.958524	-1.04327	0.503134	1.26356	1.26356	0.360605	1.07773	1.07773	0.442728	0.874262	1.05098	1.05098	0.970285	0.901269	-1.10955	0.742301	0.885844	1.12882	0.253244	0.54265	1.90471	1
cg11985680	SNORD45C;RABGTB	0.971961	0.710766	1.41075	1.41075	0.835254	1.21215	1.21215	0.697284	1.43497	1.43497	0.573781	0.591508	-1.69059	0.547982	0.570262	-1.75358	0.785904	1.06586	1.06586	0.796133	1.06253	1.06253	0.924856	0.978142	-1.02235	0.496208	1.17569	1.17569	0.253712	0.220524	0.772613	1
cg18164942	PRDX2	0.971999	0.518844	1.65525	1.65525	0.526164	0.794109	-1.25962	0.518884	0.668884	-1.49503	0.488318	0.634411	-1.57625	0.522617	0.75646	-1.3178	0.317239	0.512598	-1.95085	0.815915	0.800778	-1.16269	0.90132	0.932809	-1.08365	0.548944	0.670214	-1.49206	0.253122	0.67485	5.8816	1
cg26433141	MAP3K8	0.972021	0.671174	1.20567	1.20567	0.729828	1.16391	1.16391	0.783805	1.12801	1.12801	0.457868	0.718136	-1.39249	0.439584	0.708046	-1.41234	0.747787	0.868224	-1.15178	0.684192	1.19615	1.19615	0.735687	0.862092	-1.15997	0.996176	0.997903	-1.0021	0.253058	0.768811	2.70052	1
cg15158094	KCNH4	0.972048	0.956255	1.01995	1.01995	0.875296	0.960599	-1.04158	0.852387	0.937099	-1.06939	0.853826	0.937099	-1.06939	0.853826	0.724731	-1.37982	0.809498	0.922373	-1.08402	0.824492	0.821738	-1.21693	0.815157	0.798759	-1.25194	0.672995	0.865625	-1.15563	0.253275	0.548353	1.03691	1
cg22633722	CBS	0.972052	0.889839	0.977717	-1.02279	0.725357	0.944258	-1.05903	0.762226	0.951851	-1.05058	0.838902	0.967441	-1.03366	0.589874	0.915314	-1.09252	0.358957	0.857799	-1.16577	0.51095	0.897247	-1.11452	0.32632	0.84807	-1.17915	0.724469	0.944074	-1.05924	0.252964	0.10594	0.372262	1
cg10768682	SNAP29;PHKA	0.972105	0.43999	1.92624	1.92624	0.749054	1.30518	1.30518	0.426938	1.96472	1.96472	0.975734	0.970572	-1.02556	0.72253	1.34458	1.34458	0.479857	1.81772	1.81772	?	?	?	0.96983	0.96315	-1.03183	0.959512	0.958742	-1.04303	0.229642	2.17991	8.30604	1
cg09356526	WBP11;C12orf60	0.972119	0.947852	1.03683	-1.05206	0.875917	0.966018	-1.0471	0.873871	0.983432	-1.01716	0.665975	0.669973	1.58405	0.554703	0.736537	-1.35783	0.822611	1.02964	1.02964	0.910948	1.02948	1.02948	0.613504	1.24327	1.24327	0.822623	1.22613	1.22613	0.607999	0.442867	0.782564	2.21623	1.79349	1
cg04174125	GGA2;GGA2	0.972131	0.78672	1.20764	1.20764	0.63606	1.39322	1.39322	0.811905	0.847176	-1.18039	0.925635	1.0671	1.0671	0.942035	0.950669	-1.05189	0.625564	1.37064	1.37064	0.493886	0.616727	-1.62146	0.676474	1.33902	1.33902	0.373861	1.88709	1.88709	0.252725	1.93714	6.81336	1
cg21850456	UBTD1;MMS19	0.972156	0.70583	1.23439	1.23439	0.871798	1.12477	1.12477	0.710026	1.18409	1.18409	0.851396	1.1274	1.1274	0.889521	1.04043	1.04043	0.774407	1.28475	1.28475	0.832475	1.22324	?	?	?	?	?	0.864376	1.38115	1.38115	0.252418	1.13468	5.57598	1
cg07277447	AGBL3	0.972177

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(2T vs. N)	Fold-Change(2T vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
ch.1.28881258	UBAP2L,UBAP2L	0.973338	0.667885	0.00285	-1.0076	0.217734	0.73566	-1.93932	0.750159	0.927155	-1.07857	0.75767	0.929349	-1.07602	0.753747	0.928203	-1.07735	0.870268	0.964653	-1.03864	0.83776	1.04979	1.04979	0.641852	0.899332	-1.11728	0.792512	0.939493	-1.06544	0.249028	0.221068	0.780688	1
cg27545041	DDX26B	0.973377	0.926625	0.833005	-1.20047	0.811133	0.621961	-1.60782	0.651051	0.405265	-2.46752	0.27382	0.97237	0.57237	0.929169	0.533339	1.53339	0.742592	0.520095	-1.92273	0.815548	0.629059	-1.58968	0.938578	1.16518	1.16518	0.738661	0.514696	-1.9429	0.248907	0.15117	55.3951	1
cg21475375	MAP3K7IP2	0.973378	0.549581	0.770249	-1.29828	0.929589	0.962613	-1.03884	0.720193	0.856347	-1.16775	0.532844	1.31305	1.31305	0.520211	1.32449	1.32449	0.987066	1.00701	1.00701	0.485804	1.3571	1.3571	0.875905	0.934842	-1.0697	0.813014	0.901874	-1.1088	0.248904	0.73278	2.61692	1
cg20171142	PCIK2	0.973381	0.163681	1.19452	1.19452	0.697423	1.17214	1.17214	0.718406	1.15859	0.512922	1.30954	0.640946	1.30954	0.640946	1.20619	1.20619	0.262699	1.60756	1.60756	0.686777	1.17915	1.17915	0.505906	1.31573	1.31573	0.856027	1.07662	1.07662	0.848898	0.651447	2.32651	1
cg13998281	ADD2;ADD2;ADD2;ADD2;ADD2	0.973383	0.616562	0.765361	-1.30657	0.819346	1.1282	1.12882	0.94932	1.03424	1.03424	0.722181	0.827706	-1.20816	0.498734	1.43872	1.43872	0.697746	0.813248	-1.22964	0.708268	1.2203	1.2203	0.999569	1.00029	1.00029	0.400184	1.578	1.578	0.248889	1.01593	3.94975	1
cg13207797	EPG	0.973401	0.755828	1.19242	1.19242	0.364996	0.591465	-1.09072	0.593504	0.737880	-1.35522	0.598701	1.34934	1.34934	0.868148	0.910521	1.09827	0.628227	0.759351	-1.31691	0.689044	0.796971	-1.25475	0.904469	1.07009	1.07009	0.874214	1.0935	1.0935	0.248833	1.25442	4.48106	1
cg06516720	GMPR	0.973402	0.826913	0.937158	-1.06706	0.639185	0.8694	-1.15022	0.467896	0.803196	-1.24472	0.779029	1.08694	1.08694	0.91862	1.02309	1.02309	0.994273	0.997875	-1.00213	0.403863	0.776346	-1.28808	0.434401	0.780474	-1.26667	0.674678	0.882396	-1.13328	0.248829	0.346163	1.23659	1
cg25076792	NFATC4;NFATC4;NFATC4	0.973416	0.667346	0.441921	-1.26487	0.363591	0.885855	-1.25905	0.530138	0.312303	-1.82002	0.610506	0.997256	-2.50178	?	?	?	0.579141	0.367832	-1.72165	0.809208	0.795752	-1.25667	0.837426	1.44496	1.44496	0.917501	0.831139	-1.20317	0.230503	10.3409	44.8621	1
cg11154394	C15orf51	0.97944	0.516617	1.23736	1.23736	0.602065	0.846234	-1.18171	0.870856	0.154921	-1.95411	0.500232	0.914241	1.09241	0.968557	1.03246	1.03246	0.838531	0.936054	-1.06831	0.820761	0.807191	0.829218	-1.20596	0.912128	-1.17622	0.487812	0.713107	0.894275	-1.11822	0.248712	0.413188	1.47672	1
cg06078336	ZSCAN21	0.973447	0.873337	1.04107	1.04107	0.867517	1.04302	1.04302	0.685778	0.90247	-1.10807	0.690702	1.10617	1.10617	0.600852	1.14246	1.14246	0.703159	1.10203	1.10203	0.504459	0.842917	-1.18636	0.608882	1.13906	1.13906	0.54602	0.857144	-1.16667	0.248689	0.250702	0.896082	1
cg05009440	C5orf195	0.973502	0.864376	0.894927	-1.11756	0.699875	1.26681	1.26681	0.698151	0.522602	-1.91388	0.533095	0.925156	-1.08089	0.924246	1.08182	1.08182	0.250655	0.457753	-2.18458	0.268056	0.935994	-1.06892	0.948042	1.0483	1.0483	1.043	1.043	0.665249	1.32763	1.32763	0.248519	1.66805	5.96619	1
cg02065704	RABL4;RABL4	0.973514	0.771148	1.07428	1.07428	0.832555	1.05339	1.05339	0.621553	0.884933	-1.13003	0.726852	0.757409	-1.32029	0.86008	0.957581	-1.0443	0.752967	0.91909	-1.08777	0.796428	0.938581	-1.06543	0.98138	1.00575	1.00575	0.553144	0.862961	-1.1588	0.248483	0.237513	0.849646	1
cg17523382	PPYR1A	0.973517	0.505859	1.28155	1.28155	0.269815	0.865985	1.12567	1.06747	0.870274	1.06632	1.06632	0.419586	0.727034	-1.37545	0.591609	0.811111	-1.23288	0.857229	0.932757	1.07229	0.650945	0.911428	1.12603	1.12603	1.12603	0.806385	1.09957	1.09957	0.248473	0.58802	2.10358	1
cg23361368	KIAA1026;KIAA1026;KIAA1026	0.973517	0.908158	1.07132	1.07132	0.824351	1.14191	1.14191	0.718415	1.73377	1.73377	0.960605	1.02093	1.02093	0.791028	1.1718	1.1718	0.881102	1.09146	1.09146	0.54242	1.445	1.445	0.81475	1.15041	1.15041	0.292	1.92071	1.92071	0.248473	1.40247	5.01723	1
cg00145557	CLK3;CLK3	0.973531	0.510707	1.91612	1.91612	0.849158	1.20393	1.20393	0.729899	0.713312	-1.40281	0.402847	2.3565	2.3565	0.828814	0.809718	-1.235	0.54934	1.80494	1.80494	0.845783	0.827117	1.20902	0.738526	1.38617	1.38617	0.725431	0.709139	-1.41016	0.248427	0.37824	13.3757	1
cg05328197	MAPK4	0.973558	0.928605	1.01473	1.01473	0.934896	0.936614	-1.06427	0.993124	0.998593	-1.00141	0.877061	1.0269	1.0269	0.842583	1.0302	1.0302	0.354023	0.855716	-1.16851	0.418649	0.875678	-1.14459	0.676528	1.0097	1.0097	0.907496	0.981185	-1.01918	0.248344	0.105026	0.375915	1
cg13412461	C12orf76	0.973561	0.50042	1.75945	1.75945	0.949927	1.03525	1.03525	0.618316	1.51427	1.51427	0.540332	1.66875	1.66875	0.704065	1.37059	1.37059	0.418089	1.98087	1.98087	0.706488	0.731608	-1.36685	0.902262	1.10682	1.10682	0.719885	0.742692	-1.34645	0.248334	0.248329	0.346163	1.23659	1
cg20120430	MYST4	0.973563	0.53662	1.5764	1.5764	0.631697	0.704126	-1.4202	0.928887	1.06718	1.06718	0.662099	1.37632	1.37632	0.609622	1.45364	1.45364	0.405272	0.53825	-1.85615	0.989894	0.990842	-1.00924	0.972773	0.935752	-1.06866	0.799096	0.881286	-1.20296	0.248333	2.0751	7.42775	1
cg20344993	CLTC	0.973623	0.712502	1.51263	1.51263	0.457619	2.3339	2.3339	0.857771	0.818339	-1.12199	0.719148	0.497444	0.761396	0.714446	0.140559	1.40055	0.684497	1.5791	1.5791	0.507527	0.471001	-1.22114	0.582135	1.86253	1.86253	0.666047	0.954352	-1.04783	0.84274	1.40853	15.0564	1
cg10073375	C11orf54;TAF1D;C11orf54	0.973615	0.532712	1.63486	1.63486	0.711152	0.74875	-1.33556	0.441882	0.543347	-1.84044	0.9434	0.946263	-1.05679	0.898128	1.10477	1.10477	?	?	?	0.820367	1.19355	1.19355	0.964611	0.960075	-1.03512	0.568457	1.56583	1.56583	0.229892	1.95851	8.51926	1
ch.9.1341718	SECISBP2	0.973627	0.746578	0.835433	-1.19708	0.810679	0.752229	-1.32939	0.648526	0.775318	-1.28979	0.331154	0.974842	-1.25479	0.793862	0.985696	-1.01528	0.534769	0.70567	-1.41709	0.373153	0.603307	0.660218	0.907303	0.796913	-1.30294	0.709611	0.812672	-1.23051	0.248413	1.20847	4.32917	1
cg16264813	DVL2;DVL2	0.973678	0.624144	1.3107	1.3107	0.690133	1.24551	1.24551	0.658357	1.27609	1.27609	0.503781	1.41604	1.41604	0.627824	0.765179	-1.30688	0.77657	0.855662	-1.16869	0.613823	0.75671	-1.32151	0.947094	1.03703	1.03703	0.529055	1.41817	1.41817	0.24797	1.17879	4.22556	1
cg19605415	KIAA0124	0.973715	0.6744	0.497791	1.24574	0.749323	0.484004	1.35758	0.395238	0.195539	-2.04163	0.464432	0.395238	0.195539	0.421167	0.391139	0.391139	0.620283	0.647373	1.5836	0.610296	0.42183	0.479607	-2.08914	0.892265	1.13284	1.13284	0.878756	0.965185	1.05799	0.240565	0.615859	2.02193	1
cg17304336	EHBP1L1;EHBP1L1	0.973728	0.495789	0.66947	-1.49372	0.919222	1.06062	1.06062	0.76526	1.18974	1.18974	0.607688	0.740493	-1.35045	0.431856	0.62786	-1.59271	0.423903	0.622593	1.60619	0.727566	0.816347	-1.22497	0.706134	0.802698	-1.2458	0.681233	0.786906	-1.2708	0.247814	1.32123	4.73914	1
cg19972214	PTPN12;PTPN12;PTPN2	0.973728	0.6399	1.33038	1.33038	0.866462	1.10734	1.10734	0.957561	1.03277	1.03277	0.96539	1.02664	1.02664	0.738807	1.22475	1.22475	0.831718	1.1376	1.1376	0.211516	2.21984	2.21984	0.595617	1.38335	1.38335	0.999707	0.999778	-1.00022	0.247814	1.44058	5.16726	1
cg16376660	AMIGAP5;C14orf126;AMIGAP5	0.973731	0.888989	1.10381	1.10381	0.632507	1.06349	1.06349	0.828842	0.972647	-1.02812	0.939995	0.954755	1.04455	0.907033	0.960525	-1.03485	0.354023	0.855716	-1.16851	0.418649	0.875678	-1.14459	0.676528	1.00707	1.00707	0.907496	0.981185	-1.01918	0.248344	0.105026	0.375915	1
cg11539038	EXOSC10;EXOSC10	0.973736	0.556602	1.85281	1.85281	0.927609	1.09883	1.09883	0.52369	1.95476	1.95476	0.595122	2.65907	2.65907	0.623272	1.67115	1.67115	0.731693	0.699791	-1.429	0.896408	1.14466	1.14466	0.57192	1.80834	1.80834	0.63056	1.65301	1.65301	0.247079	4.22167	15.1443	1
cg20065192	ACOT7;ACOT7;ACOT7	0.973738	0.689644	0.8652	-1.15581	0.848872	1.13991	1.13991	0.640883	1.27094	1.27094	0.513673	1.35679	1.35679	0.539559	1.08889	1.08889	0.947403	1.03423	1.03423	1.33447	0.749013	1.33447	0.749013	0.640606	1.18151	1.18151	0.846894	0.890318	-1.12294	0.940994	0.937965	1.06423	1.06423	0.515012	1.83176	1
cg14231521	ATP8B3	0.97374	0.903649	0.866567	-1.15398	0.727154	0.660833	-1.51124	0.256003	0.246044	-4.06431	0.701219	0.633871	-1.57761	0.842165	1.26589	1.26589	0.550257	0.489301	-2.04373	0.771272	0.708413	-1.41161	0.684752	0.617115	-1.62044	0.864654	1.22357	1.22357	0.247777	0.148824	19.6888	1
cg03720043	CAT	0.973748	0.385182	0.565974	-1.76687	0.494251	0.641595	-1.55862	0.891149	0.916181	-1.09149	0.832296	0.873214	-1.1452	0.437303	0.602546	-1.65962	0.727444	0.799552	-1.2507	0.806887	1.1695	1.1695	0.505087	0.648954	-1.54094	0.794041	0.845969	-1.18208	0.247753	1.6093	5.75448	1
cg21564303	ROR1;ROR1	0.973748	0.361032	0.440453	-1.59598	0.610679	0.752229	-1.32939	0.648526	0.775318	-1.28979	0.331154	0.974842	-1.25479	0.793862	0.985696	-1.01528	0.752163	0.812316	-1.23105	0.870151	0.79677	-1.25507	0.933705	0.663573	-1.50699	0.947576	0.957773	-1.04409	0.247751	0.150612	1.83176	1
cg04708211	XPOT	0.973771	0.691147	0.482209	-2.07456	0.883449	0.307319	-1.30719	0.882737	0.763384	-1.30996	0.743705	0.549154	-1.82098	0.946528	1.13029	1.13029	0.38842	0.197872	-5.05376	0.762718	0.570138	-1.73871	0.568953	0.86588	2.86588	0.583654	2.75147	2.75147	0.242113	12.5156	40.2059	1
cg18479273	AGAP1;AGAP1	0.973783	0.815721	1.24491	1.24491	0.745523	0.484004	1.35758	0.395238	0.195539	-2.04163	0.464432	0.395238	0.195539	0.421167	0.391139	0.391139	0.620283	0.647373	1.5836	0.610296	0.42183	0.479607	-2.08914	0.892265	1.13284	1.13284	0.878756	0.965185	1.05799	0.240565	0.615859	2.02193	1
cg10356657	CCDC85C	0.973783	0.651503	0.682231	-1.46578	0.717244	1.35779	1.35779	0.932243	0.930982	-1.07413	0.431386	1.96474	1.96474	0.967356	0.966169	-1.03502	0.965581	0.964361	-1.03696	0.358306	0.451849	-2.21313	0.967276	0.9351	0.9351	0.935419	0.934116	-1.07053	0.247641	2.77394	9.95685	1
cg24411488	WDR37	0.973814	0.961796	0.951804	-1.05064	0.67448	1.54593	1.54593	0.481705	0.478322	-2.09064	0.728111	1.43319	1.43319	0.555445	0.540629	-1.8491	0.511753	0.503456	-1.98627	0.487644	0.483266	-2.06928	0.899337	0.878134	-1.13852	0.958292	0.997795	-1.00221	0.247544	1.61946	14.9718	1
cg19939102	LIN28	0.973837	0.755133	1.3248	1.3248	0.754335	1.05794	1.05794	0.643445	0.678937	1.4599	0.645907	1.087	1.087	0.866068	1.41632	1.41632	0.538023	0.743405	1.34529	0.994248	1.007	1.007	0.994779	1.00251	1.00251	0.994779	1.02583	1.02583	0.247537	1.1608	11.3429	1
cg25757737	PTPN23	0.973838	0.463506	0.826877	-1.20937	0.900546	0.996986	-1.00302	0.725512	0.914109	-1.09396	0.738616	0.918221	-1.08906	0.481121	1.20014	1.20014	0.588613	0.51486	1.14926	0.603048	0.874888	-1.143	0.895714	0.967142	-1.03397	0.825588	0.945325	-1.05784	0.247469	0.254385	0.91373	1
cg13460931	CAMK2N1;CAMK2N1	0.973847	0.643732	1.55358	1.55358	0.877774	1.09681	-1.10277	0.739545	0.836565	-1.19536	0.832094	0.835665	-1.19536	0.832094	0.835665	-1.19536	0.447024	0.35184	-2.84261	0.95184	0.53632	1.15157	1.15157	0.505713	0.98043	1.02041	1.02041	0.247512	0.58162	1.10374	0.547453	1.83176	1
cg14007090	LAMA5	0.973892	0.8898	1.06815	1.06815	0.789274	1.13585	1.13585	0.573558	0.76305	-1.31053	0.823181	0.88904	-1.1123	0.998703	1.00077	1.00077	0.597777	1.28812	1.28812	0.457802	1.43267	1.43267	0.507124	1.37717	1.37717	0.67088	1.81603	1.2256	0.247302	0.885693	3.18349	1
cg19041462	VPS37A;VPS37A	0.973914	0.361973	0.649341	-1.54002	0.483728	0.720385	-1.38815	0.742107	1.16436	1.16436	0.887414	1.06746	1.06746	0.803484	1.12176	1.12176	0.72993	0.852403	-1.17315	0.94557	1.03196	1.03196	0.780866	1.13713	1.13713	0.728443	1.17424	1.17424	0.247233	0.831487	2.98949	1
cg15442728	C14orf159;C14orf159;C14orf159;C14orf159;C14orf159	0.973916	0.861654	0.942775	-1.0607	0.983236	0.992927	-1.00712	0.767665	1.10571	1.10571	0.626236	1.38035	1.38035	0.229522	1.53104	1.53104	0.831151	0.930405	-1.0748	0.937885	0.974014	-1.02668	0.855943	1.06332	1.06332	0.790109	1.09431	1.09431	0.247227	0.446868	1.60669	1
cg05153778	CDK5;CDK5 RPAIN;RPAIN;RPAIN;RPAIN;RPAIN;RPAI NUP94N;RPAIN;RPAIN;RPAIN;NUP88;RPAIN;R PAIN;RPAIN;RPAIN;RPA	0.973923	0.388444	0.814474	-1.22779	0.646121	0.898224	-1.11331	0.790771	0.940133	-1.06368	0.660305	0.902417	-1.10814	0.905813	0.972893	-1.02786	0.545178	0.867485	-1.15276	0.343177	0.797145	-1.25448	0.956185	1.01284	1.01284	0.938452	1.01809	1.01809	0.247205	0.211031	0.758815	1
cg15229153	ZSWIM7	0.97937	0.40738	0.824632	-1.21266	0.665031	0.905642	-1.10419	0.972417	0.992164	-1.0079	0.298547	0.782586	-1.27781	0.930292	1.0201	1.0201	0.640917	0.898461	-1.11279	0.696726	0.914745	-1.0932	0.977307	0.907356	0.908164	-1.10112	0.907991	0.974039	-1.02665	0.247161	0.202622	0.728707	1
cg01706603	CCDC144C	0.97942	0.840652	0.91196	-1.09654	0.838059	1.09821	1.09821	0.595475	0.782466	-1.27801	0.638962	0.805475	-1.2415	0.480947	0.720389	-1.38814	0.7144	0.845134	-1.18324	0.457724	1.41367	1.41367	0.690833	0.832756	-1.20083	0.690086	0.832364	-1.2014	0.247146	0.820337	2.95044	1
cg25232510	NDRG1;NDRG1	0.973942	0.830157	0.931705	-1.07353	0.235229	1.39839	1.39839	0.882965	1.09221	1.09221	0.594945	1.40472	1.40472	0.889271	1.07939	1.07939	0.807367	1.1675	1.1675	0.76535	0.880071	0.900798	-1.11013	0.684229	1.2955	1.2955	0.977179	0.982048	-1.01828	0.247146	1.3979	6.64593	1
cg22435081	NBR1;NBR1;NBR1	0.973947	0.710802	1.20482	1.20482	0.604271	0.769698	-1.29921	0.856836	1.0945	1.0945	0.93981	1.03848	1.03848	0.855105	0.912646	-1.09572	0.452166	0.681104	-1.4682	0.485733	1.42621	1.42621	0.972017	0.982615	-1.01769	0.638269	1.26745	1.26745	0.247573	0.936251	3.01439	1
cg03935767	RPL35	0.973967	0.581579	1.247351	1.247351	0.526217	0.774927	-1.29044	0.610935	0.8157	-1.22594	0.575775	1.25165	1.25165	0.691155	0.932458	-1.08406	0.513984	1.23414	1.23414	0.96007	0.980318	-1.02008	0.975185	0.873898	-1.1443	0.887558	0.945185	-1.05799	0.247565	0.616859	2.02193	1
cg10800585	RFX6;RFX6	0.974002	0.773674	1.51772	1.51772	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.889286	0.825287	-1.18108	0.452781	2.3843	2.3843	0.668754	1.795	1.795	0.438582	1.13681	1.13681	0.228697	6.74099	29.4757	1
cg05630523	HOOD2;HOOK2	0.974007	0.26451	0.642782	-1.55574	0.957323	1.02054	1.02054	0.6466	0.793067	-1.26093	0.907346	1.04524	1.04524	0.725346	0.874553	-1.14344	0.735283	1.13765	1.13765	0.986657	0.993665	-1.00637	0.964731	1.01695	1.01695	0.901462	1.0482	1.0482	0.2494	0.564798	2.03306	1
cg06002395	RBM45	0.974005	0.881855	1.05794	1.05794	0.914235	1.05794	1.05794	0.643445	0.678937	1.4599	0.645907	1.087	1.087	0.866068	1.41632	1.41632	0.538023	0.743405	1.34529	0.994248	1.007	1.007	0.994779	1.00251	1.00251	0.994779	1.02583	1.02583	0.247537	1.1608	11.3429	1
cg26770479	ZNF581;ZNF580;ZNF580;ZNF580	0.974027	0.833091	0.926341	-1.07952	0.812347	1.09005	1.09005	0.759388	0.894596	-1.11782	0.409672	0.736601	-1.35759	0.354816	0.708135	-1.41216	0.93457	0.970669	-1.03022	0.845604	0.931755	-1.07324	0.799915	0.91203	-1.09645	0.647042	1.18193	1.18193	0.246878	0.513984	1.85061	1
cg22932089	FEM1A	0.974057	0.445405	0.774036	-1.29193	0.74578	0.900588	-1.11038	0.837441	1.06836	1.06836	0.582195	0.836231	-1.19584	0.764687	0.88854	-1.12544	0.447024	0.35184	-2.84261	0.95184	0.53632	1.15157	1.15157	0.505713	0.98043	1.02041	1.02041	0.247512	0.58162	1.10374	0.547453	1.83176	1
cg07209931	UNC5A	0.974059	0.364198	0.64959	1.64959	0.805812	1.14135	1.14135	0.932196	0.949554	-1.05313	0.905445	1.06586	1.06586	0.483642	0.669945	1.49266	0.912225	0.66098	-1.51268	0.985	0.751844	-1.33006	0.81744	0.883275	-1.13215	0.870401	0.916085	1.0916	0.246776	1.12615	4.05641	1
cg10245752	C19orf51	0.97408	0.913677	1.02901	1.02901	0.84218	1.05399	1.05399	0.811983	1.06487	1.06487	0.516822	0.840833	-1.1893	0.734507	1.09394	1.09394	0.847137	0.950369	-1.05222	0.550038	0.852561	-1.17294	0.445967	1.22742	1.22742	0.64264	1.884041	-1.13117	0.246711	0.27184	0.979426	1
cg11411106	HS6ST3	0.974068	0.432995	0.748581	-1.33566	0.8	0.5	1.51306	0.546944	1.2638	1.2638	0.915913	1.36098	1.36098	0.545	1.22632	1.22632	0.615477	1.28393	1.28393	0.529303	1.37083	1.37083	0.751896	1.16996	1.16996	0.682718	1.42345	1.42345	0.246711	0.957113	3.44843	1
cg25445946	PDM1	0.974152	0.435521	1.81808	1.81808	0.7891	1.22339	1.22339	0.42921	1.83377	1.83377	0.824304	1.18184	1.18184	0.368679	2.00122	2.00122	0.520012	1.63232	1.63232	0.915022	1.0835	1.0835	0.637129	1.42907	1.42907	0.699927	1.33776	1.33776	0.246484	2.20398	7.94817	1
cg17235415	TMPRSS7;TMPRSS7	0.974153	0.881739	1.06523	1.06523	0.912566	0.985083	1.01442	0.962765	0.963638	1.03782	0.932452	0.963638	1.03782	0.932452	0.877888	1.14003	0.910222	1.08561	1.08561	0.921084	0.914972	1.09337	0.914972	1.34776	1.34776	0.760207	1.26267	1.26267	0.500885	0.926758	2.07603	1
cg18836689	EXD2	0.974189	0.631805	0.751945	-1.32989	0.672088	1.28584	1.28584	0.65944	0.769604	-1.29937	0.574893	0.715608	-1.39741	0.943881	0.959281	-1.04245	0.69473	1.26226	1.26226	0.849562	1.11866	1.11866	0.42817	1.61231	1.61231	0.762628	0.836211	-1.19587	0.246368	1.36059	4.90897	1
cg07330114	VGLL4;VGLL4;VGLL4	0.974195	0.805001	0.817843	-1.22273	0.971004	1.03007	1.03007	?	?	?	0.747757	1.30081	1.30081	0.743548	0.708758	-1.41092	0.469163	1.82158	1.82158	0.82258	0.76016	0.779914	-1.28347	0.456381	1.85574	1.85574	0.890628	0.893917	-1.11867	0.228095	2.3333	9.35269	1
cg03811533	PLOD3;PLOD3;ZNHIT1	0.974201	0.94944	1.04969	1.04969	0.854146	0.736343	-1.35806	0.651921	0.731908	-1.36629	0.958506	1.00641	1.00641	0.974344	1.02586	1.02586	0.82636	1.1631	1.1631	0.933796	0.944497	-1.05876	0.914397	0.705286	-1.41786	0.303042	0.28181	-3.54813	0.248292	0.65022	2
cg26366480	KAZALD1	0.974222	0.621457	1.1248	1.1248	0.82538	0.949129	-1.0536	0.650074	0.897707	-1.11395	0.913813	0.974744	-1.02591	0.377508	1.23857	1.23857	0.858093	1.04269	1.04269	0.964205	1.01066	1.01066	0.464169	1.19248	1.19248	0.681656	1.10236	1.10236	0.246261	0.217742	0.785948	1
cg20908785	CDKN3;CDKN3	0.974231	0.987358	0.990941	-1.00962	0.85654	1.11567	1.11567	0.953988	1.03431	1.03431	0.855605	1.13749	1.13749	0.923875	1.08626	1.08626	0.974734	1.00563	1.00563	0.951668	0.982774	-1.02755	0.951662	0.98274	-1.02755	0.951662	0.974427	0.99973	1.00166	0.246236	1.4503	5.23546	1
cg25483809	RAD23B	0.974253	0.700716	1.22944	1.22944	0.87546	1.08751	1.08751	0.976838	1.01442	1.01442	0.652821	1.27404	1.27404	0.724283	1.83755	1.83755	0.623595	1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1050 vs. N)	Fold-Change(1050 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1217 vs. 2317 vs. N)	Fold-Change(1217 vs. 2317 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3533 vs. N)	Fold-Change(3533 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5633 vs. N)	Fold-Change(5633 vs. N)	F(Test)	S5(Test)	S5(Error)	F(Error
cg01234708	ACHE;ACHE	0.975547	0.707281	-1.00346	0.499248	0.836101	-1.19603	0.514518	1.18828	1.18828	0.936502	1.02303	1.02303	1.745277	1.0888	1.0888	0.897229	0.966837	-1.0345	0.810822	1.06458	1.06458	0.564714	0.859048	-1.16408	0.609668	1.14383	1.142403	0.261074	0.958874	1
cg02334333	BCL11A;BCL11A;BCL11A	0.975555	0.701609	1.20066	1.20066	0.936211	1.03664	0.666915	0.814097	-1.22835	0.487544	0.715313	-1.39799	0.442393	1.45071	1.45071	0.826013	1.11024	1.11024	0.943985	0.967098	-1.03402	0.868583	1.08184	1.08184	0.581937	0.767873	-1.3023	0.241993	0.864789	3.17654	1
cg15549637	ATXN7L1;ATXN7L1	0.97556	0.818981	1.08438	1.08438	0.571205	1.22413	1.22413	0.910841	0.961188	-1.04038	0.813019	0.919674	-1.08734	0.736289	1.12688	1.12688	0.743861	1.12285	1.12285	0.68149	1.15701	1.15701	0.443342	1.31811	1.31811	0.474389	0.773294	-1.29317	0.241978	0.478612	1.75815	1
cg21575295	DLK1	0.975265	0.705196	-1.10474	0.458801	1.30114	1.30011	0.752981	0.895957	-1.11612	0.708534	1.1396	1.1396	0.939012	0.92699	1.02699	0.897205	0.956017	-1.04001	0.930127	1.03099	1.03099	0.317364	1.442386	1.442386	0.949994	1.02205	1.022062	0.958258	0.464026	1.70471	1
cg25004679	C17orf95;miR205;MIR205	0.975566	0.474282	1.21858	1.21858	0.474033	0.820153	-1.21873	0.802107	0.934054	-1.0706	0.93864	1.02114	1.02114	0.993995	1.00205	1.00205	0.439071	1.23911	1.23911	0.880485	0.95995	-1.04172	0.804605	1.06966	1.06966	0.81265	1.06663	0.241957	0.282818	1.039	1
cg24961445	GRAM2;GRAM2B	0.975581	0.795567	1.29725	1.29725	0.296644	2.95824	2.95824	0.740256	0.460738	2.08898	2.08898	2.883271	1.863072	-1.15865	0.960787	1.05052	1.05052	0.793969	1.29996	1.29996	0.889767	0.870231	-1.14912	0.727766	0.704495	-1.41946	0.992604	1.00093	1.00093	0.248892	3.84879	1.44133	1
cg05403555	TACR1;TACR1	0.975604	0.882839	1.21925	1.21925	0.72105	0.61667	-1.62161	0.861576	0.790873	-1.26443	0.521967	2.39274	2.39274	0.716949	0.612974	0.345972	3.68662	3.68662	0.728563	1.59734	1.59734	0.674697	1.76377	1.76377	0.805228	1.39392	1.393992	0.241834	6.92139	25.4404	1
cg34478452	AGT;AGT	0.975609	0.504835	0.597388	-2.51643	0.397241	0.306587	-1.26151	0.639404	0.525409	-1.90329	0.270236	0.67076	-1.49085	0.562671	0.450136	-2.22126	0.468426	0.365644	-2.7349	0.520977	0.411775	-2.42851	0.504638	0.397179	-2.51776	0.787455	0.691739	-1.44565	0.241818	7.12352	26.1851	1
cg17628867	TRIM16	0.975634	0.939788	0.952434	1.04994	0.738471	0.55827	-1.79125	0.86896	0.898961	-1.1124	0.643577	0.812254	1.22724	0.553217	1.8011	0.517297	0.654745	-1.52731	0.563458	0.686064	1.45759	0.679771	0.76509	-1.30704	0.928853	0.944018	1.05918	0.241735	1.59328	5.85869	1
cg07732693	ADAD2;ADAD2	0.975644	0.884776	0.959084	-1.04266	0.780045	1.084	1.084	0.671735	0.884437	-1.13066	0.468167	0.808429	-1.23697	0.702864	0.895459	-1.11675	0.500099	0.821023	-1.21799	0.563925	1.18301	1.18301	0.825586	1.06565	1.06565	0.794686	1.07803	1.07803	0.241703	0.317738	1.16852	1
cg21956510	LOC153684	0.975647	0.623933	1.64449	1.64449	0.0511	1.013	1.013	0.533974	0.57311	-1.74486	0.501656	0.595516	1.679227	0.451866	2.21295	0.479502	0.529794	1.88752	0.922283	0.917376	-1.09007	0.754587	1.91934	1.31934	0.681282	1.44046	0.241694	2.98966	10.9962	1
cg22788223	NFYA;NFYA,C6orf130	0.97687	0.885651	0.972228	-1.02857	0.462778	1.15578	1.15578	0.780859	1.0561	1.0561	0.838534	0.960852	-1.04074	0.937386	1.0155	1.0155	0.770523	1.05892	1.05892	0.356945	0.830737	-1.20375	0.719032	0.737327	0.871721	0.964037	-1.0373	0.241563	0.146566	0.539326	1
cg13833535	POLA2	0.975704	0.555727	1.59787	1.50287	0.829181	0.662681	-1.15916	0.467762	1.65709	1.65709	0.558961	1.52993	1.52993	0.934907	0.945266	-1.01734	0.886452	1.09309	1.09309	0.472942	0.607138	-1.64707	0.947978	0.956376	-1.04561	0.970981	1.025118	1.025118	0.241509	1.78715	6.57845	1
cg14673149	G6PC3;G6PC3;G6PC3	0.97571	0.508603	0.902393	-1.10834	0.990258	0.998132	-1.00187	0.977706	1.00429	1.00429	0.867309	1.02606	1.02606	0.623114	1.07882	1.07882	0.90992	0.982815	-1.01749	0.837856	0.859568	-1.16337	0.86525	0.974322	-1.02635	0.710048	1.05887	1.05887	0.241489	0.089715	0.330239	1
cg04794299	KDELC2	0.975721	0.402206	0.827428	-1.20856	0.623095	0.896323	-1.11567	0.754389	0.933004	-1.07181	0.748064	1.0738	0.717154	0.92276	-1.08371	0.605898	0.891369	-1.12187	0.449347	0.843379	-1.18571	0.564633	0.879275	-1.1373	0.946917	1.01482	1.014482	0.241453	0.186701	0.687325	1
cg01060952	YIF2	0.975749	0.795954	0.885064	-1.12986	0.374586	1.53634	1.53634	0.54279	1.33677	1.33677	0.565573	1.31478	1.31478	0.940023	0.970324	1.03058	1.03058	0.704554	1.11661	1.11661	0.492632	1.38864	1.38864	0.909919	1.05477	1.05477	0.624821	1.2614	1.2614	0.241361	0.848601	3.12525	1
cg26273724	CER;CER1;CRE;CREM;CREM;CREM;CREM ;CREM;CREM;CREM;CREM;CREM;CRE M;CRE1;CREM;CREM;CREM;CREM;CREM;CR	0.975756	0.93766	1.03517	1.03517	0.493659	1.35952	1.35952	0.540322	1.31508	1.31508	0.824303	1.10323	1.10323	0.720012	1.17238	1.17238	0.840568	1.09307	1.09307	0.417691	1.44185	1.44185	0.53739	0.758864	-1.31776	0.910122	1.05116	1.05116	0.241338	0.746174	2.74829	1
cg34430468	TUBB4	0.975763	0.906586	0.994099	-1.00561	0.910098	1.01669	1.01669	0.557082	1.06236	1.06236	0.57992	1.08832	1.08832	0.611293	1.08847	1.08847	1.08847	1.08847	1.08847	1.08847	1.08847	1.08847	0.90641	0.97743	-1.02276	0.775491	0.946746	-1.05625	0.803437	1.04889	1.04889	0.468162	1.15173	1.151715	0.241315	0.139984	0.515633	1
cg15726555	CHST13	0.975763	0.294999	1.20679	1.20679	0.855587	0.91203	1.03203	0.867462	1.02933	1.02933	0.616438	0.916305	-1.09134	0.941727	0.987427	-1.01273	0.831002	1.03768	1.03768	0.977811	1.00482	1.00482	0.558831	1.10773	1.10773	0.66445	1.08746	1.08746	0.241315	0.11448	0.421689	1
cg01338634	CLIP2;CLIP2	0.975785	0.913866	1.05195	1.05195	0.449363	1.2417	1.2417	0.662341	1.15038	1.15038	0.409876	0.927342	-1.27756	0.872899	1.06353	1.06353	0.671365	1.13206	1.13206	0.69465	1.14233	1.14233	0.800821	1.0369	1.0369	0.991823	0.997253	-1.00225	0.241245	0.00375	0.1892	1
cg22394119	GATS;GATS;GATS;GATS	0.975799	0.841827	0.975778	-1.04302	0.690137	1.08814	1.08814	0.28157	1.26582	1.26582	0.784411	0.943052	-1.06039	0.702881	1.08413	1.08413	0.970974	1.0077	1.0077	0.79577	0.946794	-1.0562	0.837311	1.04429	1.04429	0.618834	1.11151	1.11151	0.2412	0.169732	0.625511	1
cg24808754	CNTNAP1	0.97581	0.711429	1.11886	1.11886	0.702768	1.12286	1.12286	0.950557	0.981432	-1.01892	0.478962	1.24301	1.24301	0.735206	0.902489	-1.10805	0.497841	1.23122	1.23122	0.468711	1.24959	1.24959	0.626788	1.15963	1.15963	0.793709	0.923848	-1.08243	0.241162	0.348909	1.28603	1
cg05730269	PHLDB1;PHLDB1;PHLDB1	0.975818	0.598007	1.39708	1.39708	0.458755	1.16304	1.16304	0.626119	0.893334	1.03701	0.688183	1.27755	1.27755	0.622839	1.36563	1.36563	0.759222	1.19584	1.19584	0.463963	1.26934	1.26934	0.945493	1.03174	1.03174	0.943501	1.04392	1.03174	1.8301	1.83511	0.241595	1.78215	6.57845	1
cg16198723	CCDC80;CCDC80;CCDC80	0.975832	0.619226	0.670218	-1.49205	0.637017	0.712454	-1.4036	0.618087	0.669333	-1.49403	0.546787	0.614419	-1.62756	0.57129	0.633188	-1.57931	0.345088	0.459902	-2.17437	0.463373	0.550905	-1.81519	0.544122	0.612382	-1.63297	0.846881	0.856916	-1.16698	0.241089	0.243608	0.88175	1
cg24091570	WDR36	0.975845	0.60567	0.781262	-1.27981	0.629354	0.945388	-1.05777	0.928201	0.91588	-1.0858	0.647061	1.09261	1.09261	0.662382	1.15824	1.15824	0.657424	1.06293	1.06293	0.357403	0.73742	-1.0231	0.643708	0.73742	-1.0231	0.643708	0.731887	0.241421	-1.07248	0.661446	0.071882	0.263248	1
cg01833145	RSPO2	0.975866	0.878131	0.857551	-1.16611	0.491921	1.20185	1.20185	0.583084	1.17421	1.17421	0.788324	0.763757	-1.30932	0.776976	0.752457	1.32898	0.703887	0.682201	-1.46584	0.796314	1.296	1.296	0.48706	2.0282	2.0282	0.582163	1.74462	0.240498	1.82795	14.1199	1
cg06757925	LRRC40;SFRS11	0.975869	0.839373	0.959524	-1.04218	0.525848	1.13981	1.13981	0.697871	1.08266	1.08266	0.521941	0.876224	-1.14126	0.571997	1.12329	1.12329	0.645819	1.09879	1.09879	0.737739	0.933871	-1.07081	0.647707	1.09819	1.09819	0.88648	0.971338	-1.02951	0.24097	0.158176	0.583478	1
cg19317004	RABAC1	0.975876	0.606264	1.39302	1.39302	0.476574	1.04139	1.04139	0.857062	1.04139	1.04139	0.857062	1.12048	1.12048	0.687303	1.05125	1.05125	0.888012	1.03107	1.03107	0.796907	1.06786	1.06786	0.631666	1.11156	1.11156	0.858305	0.961704	-1.03982	0.240946	0.182984	0.670258	1
cg25089332	XPC;XPC;LSM3;XPC;XPC;XPC	0.975946	0.805044	1.05077	1.05077	0.609305	0.901919	-1.10875	0.818601	1.04708	1.04708	0.670871	0.925609	-1.08037	0.537368	1.13324	1.13324	0.366021	0.830275	-1.20442	0.784668	0.945624	-1.05639	0.922129	0.980609	-1.01977	0.893802	1.02711	1.02711	0.240717	0.152914	0.56466	1
cg16857181	KBTBD2	0.975953	0.695403	1.09045	1.09045	0.34673	1.2407	1.2407	0.852881	0.901863	1.03882	0.731556	1.08286	1.08286	0.887588	1.03307	1.03307	0.886665	1.08008	1.08008	0.766048	1.20954	1.20954	1.208554	1.08554	1.08554	0.841945	0.947017	0.940666	0.240564	0.240564	0.240564	0.240564	1
cg25002056	ADAMTS17	0.976004	0.896665	1.04609	1.04609	0.720759	1.13253	1.13253	0.934349	0.971837	-1.02898	0.674246	0.86365	-1.15788	0.809751	1.08723	1.08723	0.427511	1.7551	1.32433	0.40797	1.34109	1.34109	0.794429	0.913433	-1.09477	0.998364	1.00071	1.00071	0.240527	0.458022	1.69266	1
cg13683864	RPL14;RPL14	0.976019	0.987238	1.00826	1.00826	0.520737	0.715411	-1.3978	0.503615	0.705282	-1.41718	0.640197	0.505914	0.706647	-1.41513	0.640024	0.784816	-1.27418	0.737668	1.18878	1.18878	0.71037	0.825393	-1.21154	0.713811	1.20863	1.20863	0.788844	1.14808	1.14808	0.240477	1.00793	3.72565	1
cg18182235	LTBP1;LTBP1;LTBP1;LTBP1;LTBP1;LTBP1;LTBP1	0.97603	0.658751	1.19909	1.19909	0.528827	1.31935	1.31935	0.791929	1.21872	1.21872	0.766738	1.21872	1.21872	0.766738	1.21872	1.21872	0.631668	1.15417	1.15417	0.833295	1.15417	1.15417	0.833295	1.15417	1.15417	0.833295	1.15417	1.15417	0.833295	0.240477	0.240477	0.240477	0.240477	0.240477	0.240477	0.240477	1
cg20892287	RIC5;RIC5;RIC5	0.976038	0.845674	1.10027	1.10027	0.908848	0.945466	-1.05768	0.9192	0.949532	-1.05315	0.964541	1.02204	1.02204	0.983367	0.989829	-1.01028	0.863088	1.08832	1.08832	0.22585	1.86578	1.86578	0.686891	1.21982	1.21982	0.61158	1.28585	1.28585	0.240413	0.915612	3.38533	1
cg25994476	RASGEF1B	0.976057	0.650537	1.19241	1.19241	0.708956	1.0186	1.0186	0.65709	1.17002	1.17002	0.511759	0.791191	1.263092	0.934208	1.0299	1.0299	0.671554	1.14544	1.14544	0.577495	0.81552	1.1552	1.1552	1.1552	1.1552	1.1552	1.13516	0.380515	1.37356	0.240525	0.480558	1.37993	1
cg02837276	ZNF252;C8orf77	0.976068	0.845709	0.849672	-1.17692	0.913341	0.912996	-1.0953	0.345676	0.644936	-2.25258	0.232394	1.19388	1.19388	0.863503	1.15474	1.15474	0.449922	1.90362	1.90362	0.68438	0.711237	-1.40403	0.917288	0.916805	-1.09074	0.864433	0.868702	1.15114	0.240317	2.66109	9.8429	1
cg27582994	IQCC;CCDC288;IQCC	0.976078	0.648086	1.14667	1.14667	0.777333	0.919026	-1.08811	0.752848	1.09865	1.09865	0.47621	1.24079	1.24079	0.552884	1.19578	1.19578	0.871092	1.04956	1.04956	0.963052	1.01389	1.01389	0.796814	1.07987	1.07987	0.317443	1.3604	1.3604	0.240283	0.337561	1.24875	1
cg08130785	CUEDC1	0.976078	0.888483	1.07743	1.07743	0.659269	1.04714	1.04714	0.859536	1.03572	1.03572	0.342173	1.09261	1.09261	0.534206	1.0299	1.0299	0.671554	1.14544	1.14544	0.577495	0.81552	1.1552	1.1552	1.1552	1.1552	1.1552	1.13516	0.380515	1.37356	0.240525	0.480558	1.37993	1
cg03735129	MAD11L;MAD11L1;MAD11L1	0.976084	0.695154	0.913962	-1.09414	0.942242	1.01669	1.01669	0.725587	0.922653	-1.08383	0.428748	0.831482	-1.20267	0.762635	0.933144	-1.07165	0.75595	0.931256	-1.07382	0.367994	0.809582	-1.23521	0.914225	0.975688	-1.02492	0.636636	1.11483	1.11483	0.240265	0.198576	0.734656	1
cg26038950	CAND1	0.976091	0.805102	0.851133	-1.17493	0.872887	0.97349	-1.0297	0.922339	0.972736	1.02386	0.834609	0.974683	-1.02598	0.913441	1.09457	1.09457	0.732613	1.23011	1.23011	1.23011	0.7	0.7	0.574693	1.02374	0.923	1.08406	1.05561	1.04666	1.04666	0.846545	0.872573	1.14683	0.240265	0.198576	0.734656	1
cg01151686	LIG3;LIG3;LIG3;LIG3	0.976109	?	?	?	0.456885	1.3973	1.3973	0.981158	1.02763	1.02763	0.697411	1.56971	1.56971	?	?	?	?	?	?	0.574693	1.02374	0.923	1.08406	1.05561	1.04666	1.04666	0.846545	0.872573	1.14683	1.14683	0.240265	0.198576	0.734656	1
cg04814450	ZFP30;ZFP93	0.976139	0.533169	0.517412	-1.9327	0.834504	1.24401	1.2441	0.838134	1.23805	1.23805	0.592461	0.568895	-1.7578	0.990869	0.399389	-2.5982	0.610013	0.584486	-1.71091	0.617217	0.590939	-1.69232	0.875274	1.17819	1.17819	0.856123	1.20861	1.20861	0.240482	0.14398	15.3428	1
cg09996156	KIAA1324L	0.976159	0.669139	1.19045	1.19045	0.708585	1.06555	1.06555	0.94222	0.93801	1.07606	1.07606	0.740185	0.670217	1.49217	1.49217	0.745347	1.34177	1.34177	0.866	1.0866	0.921713	1.08455	1.08455	1.08455	1.08455	1.08455	1.08455	1.08455	1.08455	0.240482	0.14398	15.3428	1
cg05093113	MIR645;PTPN1	0.976161	0.457703	1.58408	1.58408	0.438962	1.61633	1.61633	0.996624	0.997429	-1.00258	0.69601	1.02391	1.02391	0.708662	0.795877	-1.25648	0.621204	0.738615	-1.35389	0.781287	1.18447	1.18447	0.587461	1.39541	1.39541	0.959188	1.03162	1.03162	0.240008	1.4064	5.20869	1
cg01145284	ODC1	0.976197	0.588098	1.19382	1.19382	0.776572	1.18324	1.18324	0.715462	1.06486	1.06486	0.648483	1.36739	1.36739	0.443043	0.615361	-1.62236	0.675504	1.29072	1.29072	0.500941	1.51299	1.51299	0.694882	1.27001	1.27001	0.848252	1.04013	1.04013	0.239892	0.19651	1.57132	1
cg23042510	EIF3	0.976203	0.637108	0.600152	-1.66625	0.780264	1.33352	1.33352	0.910904	1.1278	1.1278	0.422503	0.414654	-2.41165	0.338002	0.346019	-2.89002	0.79329	0.754144	-1.32601	0.665725	0.626864	-1.59524	0.980778	1.02622	1.02622	0.872053	0.840986	-1.18908	0.239871	0.438594	16.253	1
cg01605295	KCNH1;KCNH1	0.976246	0.670209	0.645707	-1.54241	0.80039	1.3947	1.3947	0.852881	0.901863	1.03882	0.731556	1.08286	1.08286	0.887588	1.03307	1.03307	0.886665	1.08008	1.08008	0.766048	1.20954	1.20954	1.208554	1.08554	1.08554	0.841945	0.947017	0.940666	0.240564	0.240564	0.240564	0.240564	1
cg13375262	MAD11L1;MAD11L1;MAD11L1	0.976256	0.874081	1.04741	1.04741	0.810231	0.939214	-1.06472	0.894759	1.12208	1.12208	0.798641	0.820555	-1.07752	0.610233	0.865577	-1.16201	0.695097	1.12193	1.12193	0.667568	1.12533	1.12533	0.876655	0.955048	1.04641	0.342261	0.754116	-1.33082	0.239698	0.323849	0.20095	1
cg00545681	F3	0.976266	0.718208	1.03554	1.03554	0.888142	1.01366	1.01366	0.376748	0.916299	-1.09135	0.945896	1.00656	1.00656	0.703276	1.03757	1.03757	0.794518	0.97516	-1.02547	0.987216	0.998457	-1.00155	0.841708	0.980914	-1.01946	0.420369	0.923733	-1.08257	0.239664	0.035225	0.130748	1
cg00425885	CAMTA1	0.976281	0.775711	1.05178	1.05178	0.799749	1.02816	1.02816	0.893174	1.03616	1.03616	0.776262	1.14563	1.14563	0.936669	1.06447	1.06447	0.760255	1.04942	1.04942	1.14239	0.832642	1.18763	0.413381	1.92413	1.92413	0.908824	1.08722	1.08722	0.239646	0.178655	1.46765	1.46765	0.70092	1
cg15396299	ZHX2	0.976282	0.678525	1.35053	1.35053	0.867377	0.88648	-1.12806	0.908506	0.920456	-1.08642	0.363981	1.95931	1.95931	0.484926	1.66808	1.66808	0.920539	1.07459	1.07459	0.65285	0.721486	-1.38603	0.775151	0.813444	-1.22934	0.851885	1.14426	1.14426	0.23961	0.197257	7.31769	1
cg22753834	C15orf17	0.976283	0.521295	0.87475	-1.14319	0.948202	0.986755	-1.01346	0.718243	0.956534	-1.04543	0.772134	1.05614	1.05614	0.580339	1.12183	1.12183	0.793008	0.947304	-1.05563	0.764847	0.94103	-1.06262	0.407499	0.944103	1.05969	0.941499	1.01949	-1.00857	0.236607	0.160803	0.506542	1
cg14784373	EXOSC10;EXOSC10	0.976358	0.730358	1.15434	1.15434	0.704755	0.918055	-1.09222	0.83001	1.18706	1.18706	0.536079	1.40385	1.40385	0.672317	1.34597	1.34597	0.844866	1.0866	1.0866	0.971208	1.01966	1.01966	0.919564	0.918137	1.05713	0.82453	1.06169	1.06169	0.240482	0.14398	15.3428	1
cg18504358	LRP10	0.976355	0.494092	0.70703	-1.41437	0.433925	0.671243	-1.48977	0.721443	0.836332	-1.1957	0.576385	0.754441	-1.32548	0.370831	0.632057	-1.58214	0.724313	0.837953	-1.19338	0.848711	1.10004	1.10004	0.918521	0.950198	-1.05241	0.816702	0.890551	-1.1229	0.239369	0.944906	3.50888	1
cg04173769	MTA1	0.976369	0.850084	1.04163	1.04163	0.776572	1.18324	1.18324	0.715462	1.06486	1.06486	0.648483	1.36739	1.36739	0.443043	0.615361	-1.62236	0.675504	1.29072	1.29072	0.500941	1.51299	1.51299	0.694882	1.27001	1.27001	0.848252	1.04013	1.04013	0.239892	0.19651	1.57132	1
cg04935718	PDLIM2	0.976391	0.948996	1.01194	1.01194	0.830265	1.04064	1.04064	0.686293	1.07825	1.07825	0.737145	1.0645	1.0645	0.603702	1.10205	1.10205	0.279153	1.23218	1.23218	0.662901	1.08479	1.08479	0.534644	1.12088	1.12088	0.505474	1.13357	1.13357	0.239249	0.130464	0.484717	1
cg26048923	TRAPPC9;TRAPPC9	0.976401	0.921345	1.0714	1.0714	0.738232	1.01524	1.01524	0.946872	1.04769	1.04769	0.647814	0.725299	-1.37874	0.569207	0.684928	-1.46068	0.534888	1.15095	1.15095	0.833727	0.852266	-1.17334	0.661271	0.761515	1.31373	0.802104	0.757732	-1.32013	0.239204	0.248222	1.76515	1
cg14677615	SE26;SE26 ;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1 ;PLEC1;PLEC1	0.976473	0.914606	1.04564	1.04564	0.828703	1.09434	1.09434	0.682085	1.18692	1.18692	0.512425	0.75849	-1.31841	0.614702	0.809626	-1.23514	0.84403	1.08541	1.08541	0.69056	0.84663	-1.18115	0.903974	0.951023	-1.0515	0.420241	1.40864	1.40864	0.238976	0.655228	2.43716	1
cg06785624	PLEC1;PLEC1	0.976516	0.872503	0.947177	-1.05577	0.9182	1.03593	1.03593	0.678021	0.868422	-1.15151	0.71457	0.883275	-1.13215	0.64592	0.778324	1.28626	0.58699	1.20362	1.20362	0.52602	1.24249	1.24249	0.740253	1.11898	1.11898	0.781706	0.910407	-1.09841	0.238833	0.43191	1.60748	1
cg04862622	ARHGEF18;ARHGEF18	0.976534	0.992443	1.00418	1.00418	0.833067	0.911337	-1.09731	0.631006	0.808215	-1.23729	0.535958	1.31754	1.31754	0.709564	1.17893	1.17893	0.397079	1.46453	1.46453	0.520438	1.33193	1.33193	0.929754	0.963949	-1.03956	0.901377	1.05606	1.05606	0.238774	0.732073	2.72531	1
cg19307775	SYT6	0.976546	0.558823	1.19882	1.19882	0.325579	1.21111	1.21111	0.618353	1.23883	1.23883	0.628952	1.23695	1.23695	0.615358	1.27185	1.27185	0.658405	1.24044	1.24044	0.615362	1.18075	1.18075	0.917353	0.982275	-1.01805	0.928734	1.05831	1.05831	0.238744	0.09431	0.340404	1
cg09002460	OGFOD2;ABCB9;ABCB9	0.976556	0.461089	0.814603	-1.22759	0.671644	1.12358	1.12358	0.588795	1.16084	1.16084	0.679604	0.892713	-1.12018	0.90981	0.969508	-1.03145	0.634831	1.13968	1.13968	0.696159	0.898305	-1.11321	0.746024	0.99287	1.09287	0.74063	1.09503	1.09503	0.238701	0.28232	1.05132

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1-vs-105TN)	Ratio(1047 vs. 047 vs. N)	Fold-Change(1-vs-105TN)	Ratio(105T vs. N)	Fold-Change(1-vs-111T vs. N)	Ratio(111T vs. N)	Fold-Change(1-vs-127T vs. N)	Ratio(112T vs. N)	Fold-Change(1-vs-121T vs. N)	Ratio(121T vs. N)	Fold-Change(1-vs-127T vs. N)	p-value(3477 vs. N)	Ratio(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(1-vs-3537 vs. N)	Ratio(3537 vs. N)	Fold-Change(1-vs-5377 vs. N)	Ratio(5377 vs. N)	Fold-Change(1-vs-5637 vs. N)	Ratio(5637 vs. N)	Fold-Change(1-vs-6377 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg20648333	KIAA1274	0.577742	0.545769	1.5606	1.5606	0.717803	0.76281	-1.30239	0.781675	0.836897	-1.22414	0.628115	1.42665	1.42665	0.742142	0.786351	-1.27717	0.437114	1.7808	1.7808	0.988805	0.989838	-1.01027	0.964582	0.968192	-1.03285	0.631581	0.703497	-1.42147	0.234609	1.96983	7.46046	1
cg13844420	HNRNPK,RMI1;HNRNPK;HNRNPK	0.977746	0.41086	1.54601	1.54601	0.78197	1.15457	1.15457	0.628175	1.28767	1.28767	0.457882	1.47939	1.47939	?	?	?	0.988098	0.992302	-1.00776	0.728031	0.834549	-1.19825	0.994147	1.00381	1.00381	0.881956	1.08002	1.08002	0.126596	0.814821	3.77856	1
cg17794241	CYP11A1;CYP11A1	0.977785	0.934866	1.02841	1.02841	0.699135	1.14236	1.14236	0.928543	0.969728	-1.03122	0.715453	1.13368	1.13368	0.406625	1.33769	1.33769	0.764619	0.902207	-1.10839	0.614125	0.840099	-1.19034	0.694607	0.873517	-1.1448	0.581328	1.21031	1.21031	0.234552	0.436309	1.65349	1
cg11704309	ARMCX3;ARMCX3;ARMCX3	0.712955	0.460702	-2.1706	0.980497	0.972607	-1.02809	0.51602	0.99136	0.325712	-3.07019	0.429174	0.44349	0.44349	0.38767	0.03294	1.03516	0.568815	0.296925	-3.36785	?	?	?	0.822661	1.60131	1.60131	0.916428	1.24627	1.24627	0.216439	13.40402	61.9307	1
cg07568517	TSSC1	0.977794	0.805863	0.912105	-1.09636	0.591377	0.816704	-1.22443	0.656856	0.846152	-1.18182	0.913761	1.0413	1.0413	0.95189	0.918192	-1.0891	0.792617	0.906244	-1.10346	0.214675	0.635166	-1.57439	0.830112	0.922858	-1.08359	0.593724	0.81777	-1.22284	0.245522	0.518499	1.96522	1
cg16403360	MIR216A	0.977818	0.389441	4.47358	4.47358	0.901163	0.809728	-1.23498	0.892138	0.794164	-1.25919	0.674992	0.66401	0.66401	?	?	?	0.467345	3.32885	3.32885	0.837075	0.41875	-2.38875	0.415258	0.834556	-1.19824	0.850941	0.726465	-1.37653	0.261353	8.78803	40.6236	1
cg24284973	NTM;NTM;NTM;NTM	0.977843	0.837365	0.954993	-1.04713	0.748488	0.930459	-1.07474	0.525587	1.15502	1.15502	0.939746	1.01708	1.01708	0.580066	0.882306	-1.13339	0.640329	1.11119	1.11119	0.87156	0.964396	-1.03692	0.42229	0.832223	-1.2016	0.895598	1.02985	1.02985	0.234352	0.186324	0.706722	1
cg23932846	HCG27	0.97785	?	?	?	0.68932	1.45789	1.45789	0.502347	1.86584	1.86584	0.588936	1.64777	1.64777	0.772831	1.90302	1.90302	0.818114	0.810084	-1.23444	0.744417	1.99557	1.99557	0.413403	2.51901	2.51901	0.666327	1.48722	1.48722	0.211591	2.4365	10.0757	1
cg24287603	EPB41L5	0.977853	0.588241	0.895483	-1.11672	0.9311	0.982687	-1.01762	0.633495	0.99998	0.884529	0.971078	-1.02978	0.955938	1.01136	1.01136	0.974289	1.00653	1.00653	0.375976	0.832355	-1.20141	0.782774	1.0574	1.0574	0.569121	1.1223	1.1223	0.224319	0.153366	0.374208	1
cg03157738	KANK2	0.977866	0.943133	0.982178	-1.01814	0.975563	1.00775	1.00775	0.742647	0.9203	-1.0866	0.641402	0.88849	-1.12551	0.643785	1.12454	1.12454	0.65164	0.891755	-1.12138	0.970412	0.990694	-1.00939	0.471208	0.831311	-1.20292	0.474789	1.20107	1.20107	0.234275	0.235754	0.8945	1
cg04879381	LITAF;LITAF;LITAF;LITAF	0.977939	0.808009	0.967393	-1.03394	0.764159	0.783825	-1.27681	0.647208	0.654233	-1.52851	0.587828	0.679561	-1.47211	0.786089	0.970042	-1.03107	0.838815	1.10985	1.10985	0.902744	0.822407	-1.21594	0.702099	0.827214	-1.20882	0.446205	0.671358	1.48952	1.24022	0.970678	0.68205	1
cg07944811	GCK;GCK	0.977957	0.805973	0.806603	-1.23977	0.571223	1.24695	1.24695	0.354036	0.515282	-1.94068	0.864693	0.873913	-1.14428	0.622327	0.7087	-1.41103	0.804322	1.84146	-1.18841	0.753505	1.2449	0.83457	0.879348	-1.13721	0.599013	1.44489	1.44489	0.233962	1.79169	6.80714	1
cg20379052	SPSA4	0.977958	0.802075	0.902326	-1.10825	0.717357	1.31684	1.31684	0.849809	1.19534	1.19534	0.502686	1.67368	1.67368	0.885938	1.1248	1.1248	0.779505	1.23615	1.23615	0.963373	2.02843	2.02843	0.492656	1.98984	1.98984	0.826231	1.18136	1.18136	0.233956	2.13401	8.06993	1
cg25375711	TRMT12;TRMT12	0.977967	0.513716	0.913731	-1.8736	0.693387	0.688089	-1.45133	0.939761	0.93118	-1.07391	0.497412	0.52076	-1.92045	0.619739	0.614801	-1.62808	0.84372	1.20467	1.20467	0.674782	0.676375	-1.47889	0.748124	0.513723	-1.94637	0.428115	0.466157	-2.14452	0.233926	3.29748	12.53	1
cg06372391	KANK4;KANK4	0.978	0.899868	1.03592	1.03592	0.842676	0.75729	-1.32092	0.525792	0.835069	-1.19751	0.896911	0.96431	-1.03701	0.855704	1.05236	1.05236	0.898894	1.03628	1.03628	0.551797	0.844691	-1.18386	0.55383	0.765328	-1.30663	0.629591	0.872624	-1.14597	0.233814	0.291074	1.10657	1
cg05472119	CAPL;CAPL	0.978003	0.550731	1.25412	1.25412	0.843226	0.936426	-1.07008	0.836583	1.08055	1.08055	0.597428	1.22128	1.22128	0.791572	0.90543	-1.10445	0.976625	1.07596	1.07596	0.925934	1.25394	1.25394	0.602539	1.21783	1.21783	0.748133	1.12845	1.12845	0.23802	0.520965	1.98065	1
cg04271289	SBNO2	0.978018	0.443616	1.83627	1.83627	0.835353	1.17578	1.17578	0.81132	1.20452	1.20452	0.851903	1.15652	1.15652	0.786964	1.23463	1.23463	0.523788	1.65319	1.65319	0.357237	2.08906	2.08906	0.461295	1.79242	1.79242	0.971511	1.02818	1.02818	0.233751	2.24131	8.52305	1
cg17385737	ELK3	0.978023	0.55999	0.885169	-1.12973	0.891451	1.02866	1.02866	0.744761	1.06876	1.06876	0.536387	0.87947	-1.13834	0.881303	0.969551	-1.03141	0.744441	1.07004	1.07004	0.577522	0.890072	-1.12351	0.521942	1.14376	1.14376	0.816794	1.04922	1.04922	0.233734	0.158551	0.602969	1
cg05653400	GPAM	0.978035	0.460352	0.868041	-1.15163	0.6772	1.02934	1.02934	0.718719	0.954595	-1.06998	0.816644	0.909543	-1.10445	0.813948	1.13448	1.13448	0.996336	0.999142	-1.00086	0.478205	0.71318	-1.40231	0.581166	1.01512	1.01512	0.236693	1.02453	1.02453	0.232957	0.492397	1.85264	1
ch.1.2682285F	HIPK1;HIPK1;HIPK1;HIPK1	0.978044	0.739087	0.737213	-1.35646	0.657068	1.5034	1.5034	?	?	?	0.830885	0.822826	-1.21532	0.613424	0.628144	-1.59199	0.885768	1.14003	1.14003	0.397357	0.452542	-2.20974	0.750638	0.747668	-1.33749	0.685327	0.689584	-1.45015	0.210941	2.41589	10.0213	1
cg01479912	PDA6	0.97858	0.72658	1.53891	1.53891	0.924567	1.39413	1.39413	0.927576	1.11811	1.11811	0.559519	2.06395	2.06395	0.944416	1.08939	1.08939	0.861609	1.31985	1.23985	0.608874	0.530614	-1.88461	0.779752	0.691279	-1.55544	0.919567	1.13205	1.13205	0.233627	0.57928	21.2277	1
cg05318486	FBXL18	0.978063	0.563959	1.75428	1.75428	0.930059	0.91889	-1.08827	0.710523	0.69821	-1.43223	0.956301	0.05422	1.05422	?	?	?	0.92961	1.91389	-1.08886	0.906289	1.12017	1.12017	0.512812	1.89567	1.89567	0.483511	0.503453	1.98605	0.215221	2.81714	13.0713	1
cg27200833	ISLR2;LOC283731;ISLR2;ISLR2;ISLR2;ISL R2	0.978077	0.480525	0.449581	-2.22429	0.687924	0.637537	-1.56854	0.523212	0.486125	-2.05708	0.821711	0.777542	-1.2861	0.648441	0.599457	-1.66818	0.408113	0.389354	-2.56836	0.942741	1.08337	1.08337	0.972881	0.962813	-1.03862	0.695873	1.54952	1.54952	0.233546	4.59694	17.4962	1
cg17709676	LMAN1	0.978116	?	?	?	0.911562	0.974258	-1.02642	0.6151	1.11867	1.11867	0.555057	0.869533	-1.15004	0.968017	1.00946	1.00946	0.850174	0.956584	-1.04539	0.48536	0.844697	-1.18106	0.482711	0.845813	-1.18229	0.812326	0.945701	-1.05742	0.215343	0.167025	0.775626	1
cg25466090	PRKCZ;PRKCZ;PRKCZ	0.978121	0.755526	0.703301	-1.4226	0.495972	0.782626	-1.27836	0.626982	0.910184	1.10012	0.590124	1.18911	1.18911	0.494583	0.841703	-1.18859	0.672621	0.880137	-1.13629	0.677538	0.847284	-1.18007	0.722629	1.38372	1.38372	0.723008	0.374072	1.42817	1
cg08705285	ADAMTS14;ADAMTS14	0.978122	0.463729	0.662758	-1.50885	0.590674	0.741203	-1.34916	0.729808	0.825941	-1.21074	0.675081	0.78158	-1.27946	0.536767	0.708224	-1.41198	0.919602	1.05726	1.05726	0.664891	0.786326	-1.27173	0.339973	0.583141	-1.72016	0.817166	0.880092	-1.13625	0.233991	1.12448	4.28269	1
cg04054294	RCN1	0.978156	0.549627	1.82665	1.82665	0.953483	0.91833	-1.08913	0.705707	0.98411	1.08411	0.888542	0.950701	1.05304	1.04485	0.964002	1.03701	0.775763	1.10169	1.10169	0.604885	0.733183	-1.36398	0.488348	0.712938	-1.40273	0.449585	0.725574	1.37854	1.23781	0.361661	0.41381	1
cg00083535	TRAPPC9;TRAPPC9	0.978165	0.587018	2.24959	2.24959	0.615485	1.22844	1.22844	0.718744	1.06764	1.06764	0.641166	1.22494	1.22494	0.794097	1.11211	1.11211	0.772244	1.25214	1.25214	0.385919	1.43493	1.43493	0.351861	1.47586	1.47586	0.972384	1.08634	1.08634	0.210416	0.233244	0.609723	2.32364	1
cg14411873	GABRA2;GABRA2	0.97817	0.647219	0.910133	-1.09874	0.494846	1.15218	1.15218	0.356852	1.21369	1.21369	0.635095	1.10263	1.10263	0.961958	0.9903	-1.0098	0.890159	0.972156	-1.02864	0.986061	1.00358	1.00358	0.949547	0.987151	-1.01302	0.755383	1.06595	1.06595	0.232227	0.154273	0.587975	1
cg05935565	C4orf42;C4orf42	0.978174	0.816363	1.13854	1.13854	0.924967	1.05136	1.05136	0.712483	1.12483	1.12483	0.703992	1.05541	1.05541	0.653975	1.14282	1.14282	0.583021	1.1216	1.1216	0.707375	1.08044	1.08044	-1.0121	0.989752	1.00011	0.704937	0.874621	1.14335	0.23131	0.458007	1.74571	1
cg15139311	HHIP	0.978216	0.580925	0.657384	-1.65075	0.893239	0.71283	1.1283	0.81751	0.806787	-1.23948	0.598203	0.619836	-1.61333	0.619972	0.638025	-1.56734	0.700371	0.706381	-1.41567	0.356935	0.426678	-2.34369	0.684143	0.692571	-1.4439	0.693346	1.42446	1.42446	0.233067	0.98298	11.3767	1
cg24654963	HBP1	0.978235	0.24531	0.983581	0.983581	0.967751	0.967751	0.967751	0.967751	0.967751	0.967751	0.967751	0.967751	0.967751	0.967751	0.967751	0.967751	0.797494	0.33895	-2.95041	0.338952	0.797494	0.33895	-2.95041	0.338952	0.797494	0.33895	-2.95041	0.338952

File: ESM_23 (Online Resource 23)

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Probeset ID	UCSC_REFGENE_NAME ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1;ATN1	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1 vs.1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1 vs.1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1 vs.1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1 vs.1217 vs. N)	p-value(1247 vs. N)	p-value(1437 vs. N)	Fold-Change(1 vs.1437 vs. N)	p-value(1537 vs. N)	Fold-Change(1 vs.1537 vs. N)	p-value(5377 vs. N)	Fold-Change(1 vs.5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5 vs.5637 vs. N)	F(Error)	F(Test)	SS(Test)	SS(Error)	df
cg19543068	3;ATN3;ATN3;ATN3;ATN3;ATX	0.979715	0.310571	1.75826	1.75826	0.818066	1.13194	1.13194	0.469595	1.48542	1.48542	0.971866	0.981211	-1.01915	0.961485	0.974161	-1.02631												
cg24969496	HLA-DQA1	0.617324	0.245423	-4.07459	0.601592	0.230359	-4.34105	0.522793	0.164471	-6.0801	0.670846	0.303801	-3.29163	0.778788	2.192	2.192		0.713376	1.21949	1.21949	0.973523	1.01801	1.01801	0.811231	1.13734	1.13734	0.524969	1.41409	1.41409	0.227766	1.04355	4.07259	1
cg24969496	HLA-DQA1	0.617324	0.245423	-4.07459	0.601592	0.230359	-4.34105	0.522793	0.164471	-6.0801	0.670846	0.303801	-3.29163	0.778788	2.192	2.192		?	?	?	0.688515	0.32529	-3.07418	0.672752	0.306061	-3.26732	?	?	?	0.188625	18.0466	109.142	1
cg07219649	MEF2C;MEF2C	0.979749	0.721021	1.32982	1.32982	0.812653	2.8	-1.20773	0.985474	1.01458	1.01458	0.410091	1.95358	1.95358	0.680802	1.36219	1.36219	0.479593	1.7706	1.7706	0.642648	0.689728	-1.44985	0.655136	1.42957	1.42957	0.935766	1.06617	1.06617	0.227644	2.27842	8.8996	1
cg07578414	C1orf46	0.997765	0.962934	0.945069	-1.05812	?	?	0.703926	1.6028	1.6028	0.763342	1.44652	1.44652	?	?	?		?	?	?	?	?	?	0.873422	0.823564	1.21423	0.0887409	0.741266	6.26451	1
cg26719831	FHOD1	0.979786	0.860387	0.886633	-1.12786	0.403271	0.557341	-1.79423	0.892414	0.911659	-1.0969	0.997091	0.997512	-1.00249	0.707522	0.772902	-1.29383												
cg07825142	PLLP	0.703493	0.855231	-1.16929	0.702624	1.16986	1.16986	0.797142	1.12186	1.12186	0.273075	0.627183	-1.59443	0.741368	0.873316	-1.14506		0.998282	1.00088	1.00088	0.931071	0.965584	-1.03554	0.778061	0.890863	-1.12251	0.88405	0.942504	-1.061	0.227451	0.602562	2.35484	1
cg21841583	ABHD2;ABHD2	0.979807	0.744752	1.17452	1.17452	0.379609	0.645383	-1.55864	0.879293	1.07973	-1.07973	0.98509	0.98509	0.209224	1.05056	1.05056		0.552858	1.34397	1.34397	0.624497	1.27497	1.27497	0.863504	1.08842	1.08842	0.609618	1.28863	1.28863	0.273353	0.873353	3.41335	1
cg18895155	ZNF498	0.97985	0.858211	1.08608	1.08608	0.76059	1.15157	1.15157	0.475595	1.39793	1.39793	0.560669	1.31216	1.31216	0.799987	1.12438	1.12438	0.696465	0.834415	-1.19845	0.441227	1.43712	1.43712	0.579748	1.29471	1.29471	0.602377	1.27471	1.27471	0.227278	0.767529	3.00183	1
cg10610106	C11orf42	0.979884	0.923738	1.07944	1.07944	0.615242	1.13602	1.13602	0.604972	1.36976	1.36976	0.530992	1.40448	1.40448	0.659778	1.52179	1.52179	0.971655	0.97203	-1.02879	0.550491	1.72632	1.72632	0.515395	1.44954	1.44954	0.735319	0.762688	0.762688	0.131115	0.227119	2.29298	0.97417	1
cg22836535	C14orf80;C14orf80;C14orf80	0.979913	0.943966	1.04394	1.04394	0.417798	1.6709	1.6709	0.475825	1.55823	1.55823	0.817972	1.15146	1.15146	?	?	?	0.913333	1.06887	1.06887	?	?	?	0.745167	1.2208	1.2208	0.922037	0.941874	-1.06171	0.188016	0.866699	5.26825	1
cg14276025	KCMF1;KCMF1	0.979932	0.953791	-1.04942	0.797981	1.04981	1.04981	0.498877	1.1388	1.1388	0.890821	0.974153	-1.03634	0.978174	1.00519	1.00519		0.929627	1.01586	1.01586	0.668317	0.922639	-1.08403	0.914024	1.11973	1.11973	0.409606	1.17311	1.17311	0.242981	0.238855	0.504616	0.50616	1
cg05188158	METTL10 SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1;SEC14L1	0.979935	0.49806	2.62401	2.62401	0.428347	3.10815	3.10815	0.276704	2.75883	2.75883	0.539281	2.39098	2.39098	0.71241	1.68079	1.68079	0.587705	2.15487	2.15487	0.791578	1.44984	1.44984	0.89837	1.19627	1.19627	0.846663	0.762217	-1.31936	0.226971	7.07071	27.6911	1
cg11791481	14L1	0.979941	0.897903	0.942667	-1.06082	0.600871	1.27478	1.27478	0.922417	0.956186	-1.04582	0.772394	0.875124	-1.14269	0.441832	0.697188	-1.43433	0.713208	0.843843	-1.18505	0.555661	1.3154	1.3154	0.729311	1.17324	1.17324	0.72151	0.848222	-1.17894	0.260349	0.760338	2.97801	1
cg25292468	NRP2;NRP2;NRP2;NRP2;NRP2;NRP2;NRP2	0.979949	0.456658	0.542476	-1.8434	0.75841	1.28262	1.28262	0.743385	1.30348	1.30348	0.57644	0.634257	-1.57665	0.727023	0.753705	-1.32678	0.509251	0.582651	-1.71629	0.645777	0.688393	-1.45266	0.929538	1.07396	1.07396	0.849926	1.16512	1.16512	0.22692	2.33934	9.16365	1
ch.17.12475424	KPNB1	0.97995	0.599451	0.869913	-1.14954	0.534076	0.847626	-1.17976	0.833083	0.94531	-1.05785	0.756145	0.921347	-1.08537	0.427303	0.808049	-1.23755	0.995272	0.998443	-1.00156	0.494574	0.833267	-1.2001	0.761817	1.08322	1.08322	0.800916	1.0687	1.0687	0.226916	0.248529	0.973551	1.0687	1
cg07586052	RIF1	0.979966	?	?	?	0.428697	0.418433	-2.28085	0.857307	0.83266	-1.20097	0.815214	1.27286	1.27286	0.903049	0.883395	-1.132	0.847647	0.822251	-1.21617	?	?	?	0.825485	1.25197	1.25197	0.160085	1.17254	1.17254	12.48016	1
cg17887993	MAT1A;MAT1A;MAT1A	0.979981	0.766744	1.2096	1.2096	0.665011	1.32139	1.32139	0.647527	1.34241	1.34241	0.747137	0.813069	-1.22991	0.622953	1.37302	1.37302	0.454348	0.614149	-1.62827	0.807537	0.855453	-1.16897	0.985763	0.988651	-1.01148	0.595258	1.40914	1.40914	0.226802	1.46988	5.76079	1
cg00978845	MLLS;MLLS	0.979985	0.349339	0.620233	-1.60703	0.642862	0.736568	0.969622	0.88528	1.1557	-1.1557	0.629552	1.27061	1.27061	0.613786	0.875503	-1.14243	0.996485	1.00217	1.00217	0.822256	1.17226	1.17226	0.674935	1.23841	1.23841	0.934068	1.04162	1.04162	0.226788	0.872261	3.4188	1
cg26767986	FAM13C;FAM13C;FAM13C;FAM13C;FAM13C	0.97999	0.553201	1.56132	1.56132	0.767096	0.802037	-1.24683	0.908239	1.08941	1.08941	0.65677	1.39401	1.39401	0.806754	1.19965	1.19965	0.493059	1.67706	1.67706	0.342131	2.02824	2.02824	0.925326	1.07211	1.07211	0.869837	0.974492	-1.02934	0.229769	1.98131	7.76633	1
cg16154094	P2DD7;SFXN3	0.979994	0.836286	0.875819	-1.14179	0.592202	0.985807	-1.01444	0.778688	1.19785	1.19785	0.853038	0.887958	-1.12618	0.614815	1.18423	1.18423	0.744669	1.23263	1.23263	0.511084	0.652383	-1.53285	0.565059	1.45166	1.45166	0.477627	1.58831	1.58831	0.282757	1.47472	5.78091	1
cg22516230	USP5;USP5;CDC43	0.980016	0.711088	1.09418	1.09418	0.589248	1.14097	1.14097	0.770922	1.07319	1.07319	0.577061	0.87258	-1.14603	0.389658	1.23772	1.23772	0.607002	1.13374	1.13374	0.886488	0.966034	-1.03516	0.844727	1.04858	1.04858	0.741369	1.08343	1.08343	0.226675	0.210128	0.824003	1
cg07664480	BRSBP	0.980023	0.888147	0.880649	-1.13553	?	?	?	?	?	?	0.864779	0.857326	-1.16642	?	?	?	?	?	?	0.739756	0.739393	-1.35148	0.648277	0.660236	-1.51461	0.653566	1.50437	1.50437	0.131272	0.92206	9.83366	1
cg11657178	GIB6;GIB6;GIB6;GIB6	0.980043	0.641389	1.20254	1.20254	0.488646	1.13955	1.13955	0.426277	1.42675	1.42675	0.97988	1.03056	1.03056	0.814236	0.906573	-1.10306	0.571388	0.787926	-1.26915	0.714199	0.857895	-1.16564	0.89328	1.05753	1.05753	0.575686	0.790067	0.790067	0.262578	0.623135	2.44463	1
cg04669470	TMEM8A	0.980049	0.499933	1.55663	1.55663	0.578084	1.43776	1.43776	0.56671	1.45388	1.45388	0.530933	1.50708	1.50708	0.876677	0.904514	-1.10557	0.853146	1.12721	1.12721	0.445181	1.6536	1.6536	0.749616	1.22988	1.22988	0.513822	1.534	1.534	0.226556	1.49849	5.87929	1
cg27310163	CHCHD5	0.980105	0.838395	1.04716	1.04716	0.168809	0.661388	1.8813	1.8813	0.653687	1.50914	1.50914	0.90428	1.10428	0.830563	1.20434	1.20434	0.644263	1.44044	1.44044	0.866397	0.881575	1.13476	1.13476	0.768406	1.30064	1.30064	0.649471	1.82016	1.82016	0.226461	2.55368	10.0235	1
cg02076598	KIAA1671	0.980105	0.846965	1.1424	1.1424	0.306489	1.07285	2.07285	0.953354	1.04113	1.04113	0.666328	0.741623	-1.34839	0.971163	0.930824	1.07432	0.746678	1.25023	1.25023	0.615709	0.41533	-2.41533	0.63259	1.39359	1.39359	0.962318	0.967971	-1.03309	0.26435	1.70203	6.68393	1
cg06455186	LOC100133315	0.980123	0.865153	0.957389	-1.04451	0.944996	0.982478	-1.01783	0.92179	0.975154	-1.02548	0.376346	0.792479	-1.26186	0.920153	1.02602	1.02602	0.746696	1.08732	1.08732	0.957802	0.986535	-1.01365	0.579195	0.866306	-1.15433	0.410649	0.806095	-1.24055	0.226284	0.235239	0.924063	1
cg12715285	MEGF6	0.980132	0.897605	1.03894	1.03894	0.52765	1.18255	1.18255	0.64498	1.08044	1.08044	0.782755	1.82055	1.82055	0.64498	1.08044	1.08044	-1.87508	1.07127	1.07127	1.13073	0.932179	1.08028	1.08028	0.884268	1.13682	1.13682	0.449927	2.01065	2.01065	0.869331	1.1611	1.1611	0.226253	2.94926	15.5869	1
cg17537998	STK19;STK19;STK19;DOM3Z	0.980136	0.884008	0.937883	-1.06623	0.869023	1.07465	1.07465	0.272813	1.65102	1.65102	0.847048	1.08854	1.08854	0.910934	1.0455	1.0455	0.462149	1.38934	1.38934	0.866377	1.07546	1.07546	0.69452	1.18933	1.18933	0.990027	0.995017	-1.00501	0.226424	0.691505	2.7169	1
cg26468923	NUCKS1;NCOA1;NCOA1	0.980142	0.700707	1.19971	1.19971	0.43707	0.993882	1.03882	0.978566	1.03559	1.03559	0.615139	1.23559	1.23559	0.661724	1.31798	1.31798	0.744669	1.23263	1.23263	0.511084	0.652383	-1.53285	0.565059	1.45166	1.45166	0.477627	1.58831	1.58831	0.282757	1.47472	5.78091	1
cg08328671	BDKRB2;BDKRB2 SLC41A1;SLC41A1;SLC41A3;SLC41A3;SLC41A3;SLC41A3;SLC41A3;SLC41A3	0.980148	0.406121	0.601444	-1.66267	0.620158	0.741646	-1.34835	0.513086	0.672468	-1.48706	0.654279	0.763643	-1.30951	0.824607	0.875654	1.142	0.620854	1.34754	1.34754	0.888238	0.919322	-1.08776	0.90626	1.07301	1.07301	0.899932	1.07816	1.07816	0.226193	1.28203	5.0381	1
cg27137836	C41A3	0.980181	0.506993	0.670362	-1.49173	0.542477	1.44235	1.44235	0.906484	0.932565	-1.07231	0.459938	0.639566	-1.56356	0.826934	0.870283	-1.13892	0.823171	0.875494	-1.14221	0.879226	0.913627	-1.09454	0.647062	1.14439	1.14439	0.885192	1.08962	1.08962	0.226074	1.26369	4.96863	1
cg06414854	UHRF1BP1	0.980219	0.490458	0.607925	-1.64494	0.930243	0.939684	-1.06419	0.447965	1.73239	1.73239	0.842219	0.867958	-1.15213	?	?	?	0.892201	1.10114	1.10114	0.90157	0.915837	-1.0919	0.608726	0.692012	-1.44318	0.921848	0.93265	-1.07221	0.207983	1.47827	7.10765	1
cg18100289	ELN;ELN;ELN;ELN;ELN	0.980227	0.880546	0.947154	1.05577	0.723559	0.764457	-1.30802	0.827452	0.904432	-1.10567	0.827185	0.784942	-1.27402	0.56191	1.77942	1.77942	0.76386	-1.30914	0.659934	1.51496	0.934833	-1.07027	0.533686	0.748833	-1.33561	0.625004	0.754869	2.37027	1
cg24465484	BAI1	0.980241	0.408946	1.50668	1.50668	0.871062	1.08203	1.08203	0.724416	1.18745	1.18745	0.740428	1.17511	1.17511	0.655135	1.24733	1.24733	0.748393	1.16906	1.16906	0.310925	1.66337	1.66337	0.983262	0.98087	-1.01023	0.609722	1.23887	1.23887	0.225855	1.842657	3.31642	1
cg17108971	NRBP2	0.980299	0.572631	1.81318	1.81318	0.944436	1.07547	1.07547	?	?	?	0.785497	0.752192	-1.32945	0.838494	0.808133	-1.23742	0.786529	1.32757	1.32757	0.994661	1.00701	1.00701	0.651961	0.622544	-1.60631	0.40597	0.411709	-2.4289	0.207693	3.18583	15.3392	1
cg16528956	TENC1;TENC1;TENC1	0.980306	0.641953	1.76073	1.76073	0.30422	1.07235	1.07235	0.723221	0.837336	-1.19393	0.723221	0.837336	-1.22349	0.548496	1.10124	1.10124	0.807827	0.911591	1.09715	0.746746	0.908366	1.06749	1.06749	0.810992	1.23267	1.23267	1.497	1.5226	1.5226	0.225626	1.5226	4.5296	1
cg03202545	HIPK2;HIPK2	0.98031	0.916086	1.09607	1.09607	0.689327	0.704865	-1.41871	0.461953	1.91895	1.91895	0.912266	0.90853	-1.10068	0.620259	0.647448	-1.54453	0.457833	0.517882	-1.93094	0.812819	0.813462	-1.22933	0.623628	0.650206	-1.53797	0.998067	0.997893	-1.00211	0.225603	2.70663	10.6643	1
cg20669266	UBP5	0.980343	0.972084	1.02854	1.02854	0.882744	1.14267	1.14267	0.749388	1.17757	1.17757	0.856319	1.03056	1.03056	0.814236	0.906573	-1.10306	0.571388	0.787926	-1.26915	0.714199	0.857895	-1.16564	0.89328	1.05753	1.05753	0.575686	0.790067	0.790067	0.262578	0.623135	2.44463	1
cg23280064	EDC4	0.980326	0.752844	1.06711	1.06711	0.542219	1.13524	1.13524	0.287288	1.25504	1.25504	0.869924	0.973703	-1.02701	0.732298	1.07315	1.07315	0.96494	1.00908	1.00908	0.684986	1.08747	1.08747	0.782269	1.05861	1.05861	0.563421	1.12761	1.12761	0.225543	0.151009	0.595143	1
cg04035738	CDK20	0.980329	0.674883	0.974479	-1.14586	0.424609	1.7896	1.7896	0.474413	1.62358	1.62358	0.891105	1.1027	1.1027	0.668189	0.715093	-1.36037	0.641263	1.44044	1.44044	0.866397	0.881575	1.13476	1.13476	0.768406	1.30064	1.30064	0.649471	1.82016	1.82016	0.226461	2.55368	10.0235	1
cg27369325	FARP1	0.98037	0.473927	1.3927	1.3927	0.74741	2.49914	2.49914	0.543359	1.79028	1.79028	0.97053	1.42467	1.42467	0.75623	1.7067	1.7067	0.526418	1.83618	1.83618	0.852373	1.23284	1.23284	0.777858	1.30703	1.30703	0.712705	0.982367	1.39125	1.39125	0.225473	3.20057	12.6177	1
cg27582124	GAUNT5	0.980347	0.67403	0.828655	-1.20677	0.816447	0.901857	-1.10882	0.356302	0.656048	-1.52428	0.378727	0.669503	-1.49364	0.677397	0.830182	-1.20427	0.996264	0.997932	-1.00208	0.600846	0.790943	-1.26431	0.769599	0.877669	-1.13938	0.983571	1.00919	1.00919	0.225466	0.704823	2.77873	1
cg26875189	CEP71;DIRAM2;CEP71	0.980353	0.580837	0.860134	-1.16269	0.756098	1.27555	1.27555	0.823755	1.08744	1.08744	0.719398	0.78548	-1.27328	0.580354	1.72955	1.72955	0.642434	1.06119	?	0.614233	0.912327	-1.09598	0.453264	1.13315	1.13315	0.882453	1.13946	1.13946	0.901734	0.902751	-1.10773	0.71117	1.40569	1.40569	0.225432	1.81955	5.71741	1
cg26985912	LOC100133091	0.980389	0.780288	1.62833	1.62833	0.921647	0.842421	-1.18705	0.5011	0.30337	-3.2963	0.821444	0.674308	-1.483	0.569419	0.366517	-2.72839	0.671363	0.474991	-2.1053	?	?	?	0.852392	1.3836	1.3836	0.617305	0.740869	0.740869	0.202813	0.49013	36.6291	1
cg08092331	PQPS;PQPS BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.980434	0.799089	1.0448	1.0448	0.793074	0.955835	-1.04621	0.806049	0.958615	-1.04317	0.991115	0.998089	-1.00191	0.562853	1.10574	1.10574	0.707582	0.937307	-1.06689	0.875651	0.973452	-1.02727	0.892507	1.0235	1.0235	0.323314	1.19158	1.19158	0.225146	0.105266	0.415597	1
cg10846328	IN;BIN1;BIN1	0.980436	0.395458	1.24815	1.24815	0.646776	1.12556	1.12556	0.68084	1.10904	1.10904	0.985429	1.00466	1.00466	0.94005	1.01934	1.01934	0.997199	0.999106	-1.00089	0.66537	1.11721	1.11721	0.346204	1.28028	1.28028	0.668367	1.11602	1.11602	0.225138	0.231324	0.913312	1
cg26748819	KCNV1;KCNV1	0.980437	0.672631	1.42464	1.42464	0.760105	1.19142	1.19142	0.648586	1.90575	1.90575	0.852182	1.16855	1.16855	0.526073	1.7099	1.7099	0.632692	1.31636	1.31636	0.61622	1.525	1.525	0.651102	1.46253	1.46253	0.861607	1.15686	1.15686	0.224919	2.484	9.81689	1
cg23359401	ADPRHL1	0.9805	0.579989	0.701848	-1.42481	0.650817	1.33456	1.33456	0.994987	0.996029	-1.00399	0.59944	1.81629	1.81629	0.986825	1.01051	1.01051	0.677701	1.30305	1.30305	0.982711	0.986369	-1.01382	0.576913	1.429	1.429	0.872275	1.10728	1.10728	0.224903	1.42889	5.64746	1
cg21397157	FUNDC2	0.980451	0.668371	0.407442	-2.45434	0.896057	0.762686	-1.31115	0.9762	1.06406	1.06406	0.380164	1.90587	1.90587	0.84861	1.04766	1.04766	0.68053	0.422101	-2.3691	0.795005	1.89777	1.89777	0.909442	1.26726	1.26726	0.867903	0.707129	-1.41417	0.235573	14.7502	52.2485	1
cg05453156	ATAD1;ATAD1;CLPP1	0.980544	0.454111	1.26626	1.26626	0.721761	1.11706	1.11706	0.709555	0.890631	-1.1228	0.970171	1.01164	1.01164	0.742072	0.902809	1.10765	0.728228	1.14104	1.14104	0.950911	1.01924	1.01924	0.507447	1.19596	1.19596	0.463572	1.25982	1.25982	0.224739	0.341139	1.34928	1
cg16884974	TWISTNB	0.980552	0.573277	1.50488	1.50488	0.746374	1.26245	1.26245	0.80438	0.836759	-1.19509	0.508189	1.61941	1.61941	0.66548	0.731693	-1.36669	0.922898	0.93284	-1.072	0.514541	0.622096	-1.60747	0.865481	1.12949	1.12949	0.721735	1.29281	1.29281	0.22471	1.83548	7.26064	1
cg26990587	ACTL8	0.980562	0.620213	1.70932	1.70932	0.4098	0.683247	1.23229	0.970007	1.18536	1.18536	0.831061	1.46179	1.46179	0.744855	1.48054	1.48054	0.829209	1.16003	1.16003	0.967806	1.02814	1.02814	0.894072	1.09592	1.09592	0.556448	1.50781	1.50781	0.224673	1.68197	6.6545	1
cg12197142	RECQL5;LOC643008	0.980587	0.900064	1.0364	1.0364	0.842038	0.944795	-1.05843	0.62624	1.14991	1.14991	0.977803	1.00795	1.00795	0.542038	0.838902	-1.19203	0.458908	0.806837	-1.23941	0.613798	0.837953	-1.19403	0.607035	0.862737	-1.1591	0.742787	1.09825	1.09825	0.224581	0.28081	1.14029	1
cg18147485	KCNV1;KCNV1	0.980644	0.672427	1.42464	1.42464	0.760105	1.19142	1.19142	0.65317	1.90577	1.90577	0.852182	1.16859	1.16859	0.526073	1.70943	1.70943	0.632692	1.31636	1.31636	0.61622	1.525	1.525	0.651102	1.46253	1.46253	0.861607	1.15686	1.15686	0.224919	2.484	9.81689	1
cg12831076	ST3GAL1;ST3GAL1	0.980606	0.797974	1.13713	1.13713	0.403234	1.535	1.535	0.911355	0.945735	-1.05738	0.505746	1.40254	1.40254	0.973517	1.01677	1.01677	0.466214	1.44989	1.44989	0.570311	1.33292	1.33292	0.858149	1.09377	1.09377	0.850776	0.909962	-1.09895	0.224509	0.892447	3.53343	1
cg14635767	GAUNT3	0.980629	0.662806	1.51204	1.51204	0.906067	0.894722	-1.11767	0.570186	1.71727	1.71727	0.663611	1.51042	1.51042	0.368349	2.38862	2.38862	0.559685	1.74343	1.74343	0.712624	0.705653	-1.41713	0.993039	0.991813	-1.00826	0.886807	1.14364	1.14364	0.224425	3.15645	12.5019	1
cg10719294	DIP2C	0.980663	0.707445	1.41372	1.41372	0.707435	1.25416	1.25416	0.626627	1.03134	1.03134	0.974765	1.43375	1.43375	0.597102	1.67453	1.67453	0.818212	1.22137	1.22137	0.819222	1.03227	-1.0727	0.810337	1.03187	1.03187	0.954239	0.950427	1.02484	0.224524	0.254522	2.19163	1
cg00669777	KIAA1429;KIAA1429	0.98067	0.546921	0.878269	-1.1386	0.531309	0.873695	-1.14456	0.459771	0.851919	-1.17382	0.728746	0.92855	-1.07695	0.5796	1.12654	1.12654	0.639014	0.904294	-1.10584	0.822343	0.953216	-1.04908	0.957319	1.01146	1.01146	0.926117	0.980444	-1.01995	0.224273	0.161047	0.638296	1
cg12180249	TAP2;TAP2;TAP2;TAP2	0.980735	0.853074	1.09192	1.09192	0.809449	1.14103	1.14103	0.801849	1.12767	1.12767	0.852115	1.12441	1.12441	0.781743	1.31308	1.31308	0.8243	0.955922	1.04611	0.915984	0.835338	-1.19705	0.705839	0.824031	1.21348	1.21348	0.224031	0.798253	1.16724	1
cg27311414	B4GALT3;B4GALT3	0.980738	0.964035	0.979131	-1.02131	0.777624	0.875964	-1.1416	0.944928	1.03284	1.03284	0.722623	0.76572	-1.30596	0.970345	0.836466	-1.19551	0.66967	1.38418	1.19878	0.951896	1.02862	1.02862	0.680761	1.22365	1.22365	0.380698	1.52282	1.52282	0.224822	0.776186	3.09798	1
cg02456791	RAD21	0.980739	0.945876	1.02082	1.02082	0.776425	0.9172	-1.09027	0.691147	0.885833	-1.12888	0.595996	1.17636	1.17636	0.743412	1.10485	1.10485	0.393087	1.30419	1.30419	0.850559	0.944352	-1.05893	0.531309	1.21227	1.21227	0.859625	1.05521	1.05521	0.224017	0.326951	1.29733	1
cg08400938	TP1;TP1;TP1	0.980742	0.540782	1.85082	1.85

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T 047 vs. N)	Fold-Change(105T vs. N)	p-value(057 vs. N)	Fold-Change(057 vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T 117 vs. N)	Fold-Change(112T vs. N)	p-value(112T 127 vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T 217 vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T 477 vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Fold-Change(353T vs. N)	p-value(353T 537 vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(537T 377 vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	p-value(637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg14658285	ADAT3;ADAT3;SCAMP4;SCAMP4	0.981862	0.578094	1.3251	1.3251	1.3443339	1.0363	1.0363	0.873118	1.08348	1.08348	1.082559	0.894939	-1.11739	0.92483	0.953758	-1.04848	0.982305	1.01119	1.01119	0.807808	0.884912	-1.13006	0.451254	0.680403	-1.46972	0.405731	0.652627	-1.53227	0.219808	0.876204	3.54331	1
cg25338843	FAM171A2	0.981866	0.864509	0.920303	-1.0866	0.754416	0.858471	-1.16486	0.588464	0.766709	-1.30428	0.825528	1.11334	1.11334	0.844507	0.908927	1.1002	0.953762	0.972196	-1.0286	0.450503	1.45338	1.45338	0.50396	1.39066	1.39066	0.713746	1.19622	1.19622	0.279756	0.823053	3.32916	1
cg01955480	PHF21B;PHF21B	0.981887	0.678462	1.16378	1.16378	1.706819	1.14737	1.14737	0.411556	1.35727	1.35727	0.815275	1.08887	1.08887	0.916991	0.962781	-1.03866	0.646029	0.845143	-1.18123	0.625162	0.835995	-1.19618	0.706791	1.14739	1.14739	0.842564	0.930207	-1.07503	0.219576	0.460516	1.86341	1
cg18033235	SIN3B	0.981896	0.702191	1.06028	1.06028	0.743515	1.0513	1.0513	0.957962	1.00806	1.00806	0.728607	1.05451	1.05451	0.411865	0.879368	-1.13638	0.499644	0.900857	-1.11005	0.956114	0.99165	-1.00842	0.779583	1.04368	1.04368	0.848686	1.02953	1.02953	0.21964	0.080758	0.326837	1
cg26077897	C10orf96	0.981952	0.511059	1.72923	1.72923	0.804029	0.815242	-1.22663	0.935901	0.936051	-1.06832	0.629517	1.49089	1.49089	0.868507	1.14584	1.14584	0.5067	1.73934	1.73934	0.39393	1.24023	1.24023	0.935879	1.06834	1.06834	0.658506	1.44117	1.44117	0.219425	0.234594	0.50337	1
cg21907156	ZFYVE16;ZFYVE16	0.981964	0.641247	0.502024	-1.99194	0.782915	1.50015	1.50015	0.945351	1.1059	1.1059	0.548223	1.44042	1.44042	0.741423	0.914955	-1.62619	0.927503	1.14297	1.14297	1.7	?	?	0.635009	0.495499	-2.01817	0.556321	2.3959	2.3959	0.201571	0.11892	30.3562	1
cg24420089	PTDSS2	0.981956	0.700678	1.37599	1.37599	0.609705	1.5301	1.5301	0.813859	0.822918	-1.21519	0.732228	0.75291	-1.32818	0.987914	0.987562	-1.01259	0.428812	1.94927	1.94927	0.885961	1.1259	1.1259	0.6147	1.52107	1.52107	0.626066	0.666457	-1.50047	0.219409	2.37275	0.61268	1
cg15497940	BMP8A	0.981984	0.922747	0.917358	-1.09009	0.555341	1.69977	1.69977	0.653062	1.48789	1.48789	0.57706	1.65052	1.65052	0.715511	1.38473	1.38473	0.696851	0.705992	-1.41645	?	?	?	0.90234	0.995581	-1.11535	?	?	?	0.180604	1.75937	11.1332	1
cg00259222	RBM26	0.982018	0.890654	1.0356	1.0356	0.560582	0.862666	-1.1592	0.825584	0.941453	-1.06774	0.532977	1.17427	1.17427	0.916941	0.973817	-1.02689	0.935243	1.07093	1.07093	0.864702	0.957551	-1.04433	0.203983	0.224472	0.910713	1
cg25831204	C3orf50	0.98204	0.922311	1.03055	1.03055	0.657933	1.14736	1.14736	0.964186	0.986244	-1.01395	0.955151	1.0175	1.0175	0.623148	0.858312	-1.16508	0.894655	0.959955	-1.04172	0.526784	1.21876	1.21876	0.735353	1.11033	1.11033	0.424558	0.777575	-1.28605	0.219085	0.3302	1.33971	1
cg16144934	NR2C2/NR2C2;NR2C2;NR2C2;NR2C2;NR2	0.982056	0.948674	0.905347	-1.10455	0.916131	1.05099	1.05099	0.511443	0.916507	1.09096	1.09096	0.598281	0.90904	0.998275	0.963479	-1.03822	0.841142	0.73459	-1.3616	0.643093	0.956505	1.04569	0.617477	1.21768	0.779117	1.54391	0.219002	0.876199	3.41583	1
cg04976319	TMEM63A;TMEM63A	0.982069	0.938303	0.96396	-1.03739	0.795394	1.13113	1.13113	0.794693	1.13162	1.13162	0.693671	0.828864	-1.20647	0.97869	0.987416	-1.01274	0.950274	0.970862	-1.03001	0.733619	1.17582	1.17582	0.498847	1.38476	1.38476	0.333767	1.60432	1.60432	0.218373	0.77967	3.16495	1
cg16140784	BCL10	0.982073	0.817425	0.946509	-1.06201	0.873846	0.919502	-1.04221	0.477051	0.828528	-1.20696	0.267868	0.740608	-1.35014	0.874468	0.9597	-1.04199	0.724315	0.91199	-1.0965	0.940439	0.980746	-1.01962	0.633748	0.882708	-1.13302	0.855526	0.955688	1.04856	0.218957	0.234742	0.953297	1
cg07436145	GFRA1;GFRA1;GFRA1	0.982078	0.64988	0.898282	-1.11324	0.898175	0.970395	-1.03051	0.870194	1.03914	-1.03914	0.98361	0.99519	-1.00483	0.328494	0.789191	-1.26712	0.642675	0.896125	-1.11592	0.68838	1.09919	1.09919	0.791172	1.06428	1.06428	0.7862	0.938173	-1.0659	0.218939	0.191061	0.775705	1
cg00836605	JAZF1	0.982082	0.776063	0.93972	-1.06415	0.49633	1.16251	1.16251	0.35321	1.23152	1.23152	0.711765	1.05932	1.05932	0.532404	1.14796	1.14796	0.970592	0.991995	-1.00807	0.96092	1.01074	1.01074	0.996887	0.99915	-1.00085	0.77345	1.06494	1.06494	0.219284	0.164786	0.669074	1
cg17708276	KIAA0141;KIAA0141	0.982097	?	?	?	0.962632	0.959519	-1.04219	0.597589	0.942625	-1.06122	0.655024	1.59976	1.59976	0.71008	1.39008	1.39008	0.582254	0.62232	-1.60624	?	?	?	0.940472	0.93625	-1.06809	0.975725	1.0272	1.0272	0.188176	0.17623	10.9521	1
cg19248242	GNA11	0.982103	0.752064	0.891814	-1.12131	0.946863	0.97804	-1.02245	0.98232	0.992645	-1.00741	0.790166	0.914983	-1.09292	0.589542	0.834055	-1.19896	0.724653	0.888853	-1.12505	0.928485	0.970536	-1.03036	0.471271	1.27653	1.27653	0.483342	1.26785	1.26785	0.218839	0.384685	1.56253	1
cg22919370	HIST1H3I	0.982112	0.902992	0.957314	-1.04459	0.326846	0.69618	-1.43641	0.583241	0.83215	-1.20192	0.532939	0.797758	-1.25351	0.741478	0.888304	-1.12574	0.780557	0.90401	-1.10508	0.922048	1.03544	1.03544	0.645911	0.852883	-1.17249	0.553468	0.806077	-1.23959	0.218805	0.443567	1.80198	1
cg15470344	MYO5C	0.982139	0.788412	1.12542	1.12542	0.746631	0.9482	1.0482	0.859728	0.925241	1.08048	0.745238	0.95254	1.05018	0.930662	0.965373	-1.03624	0.922503	1.14297	1.14297	?	?	?	0.635009	0.495499	-2.01817	0.556321	2.3959	2.3959	0.201571	0.11892	30.3562	1
cg25448752	GNA14	0.982143	0.752064	0.891814	-1.12131	0.946863	0.97804	-1.02245	0.98232	0.992645	-1.00741	0.790166	0.914983	-1.09292	0.589542	0.834055	-1.19896	0.724653	0.888853	-1.12505	0.928485	0.970536	-1.03036	0.471271	1.27653	1.27653	0.483342	1.26785	1.26785	0.218839	0.384685	1.56253	1
cg22919370	HIST1H3I	0.982112	0.902992	0.957314	-1.04459	0.326846	0.69618	-1.43641	0.583241	0.83215	-1.20192	0.532939	0.797758	-1.25351	0.741478	0.888304	-1.12574	0.780557	0.90401	-1.10508	0.922048	1.03544	1.03544	0.645911	0.852883	-1.17249	0.553468	0.806077	-1.23959	0.218805	0.443567	1.80198	1
cg15470344	MYO5C	0.982139	0.788412	1.12542	1.12542	0.746631	0.9482	1.0482	0.859728	0.925241	1.08048	0.745238	0.95254	1.05018	0.930662	0.965373	-1.03624	0.922503	1.14297	1.14297	?	?	?	0.635009	0.495499	-2.01817	0.556321	2.3959	2.3959	0.201571	0.11892	30.3562	1
cg20043258	CDC42BPB	0.982181	0.913682	0.914833	-1.0931	0.616226	1.51414	1.51414	0.914293	1.0924	1.0924	0.488422	0.561123	-1.78214	0.819173	0.828629	-1.20681	0.684169	0.714808	-1.39898	0.686154	1.39583	1.39583	0.466551	0.5443	-1.83722	0.792294	0.805206	-1.24192	0.218537	2.3326	0.48773	1
cg19239172	C3orf75	0.982187	0.495128	0.732787	-1.36495	0.673139	0.827766	-1.20807	0.933915	1.16555	1.16555	0.641854	0.686767	-1.4561	0.792886	0.888603	-1.12536	0.904039	0.967017	-1.03411	0.813341	0.899279	1.112	0.492553	0.797416	-1.25411	0.625314	0.807249	1.23821	0.218513	0.607149	2.83593	1
cg10443681	E2F7	0.982213	0.940064	0.953197	-1.0491	0.720957	1.25686	1.25686	0.359691	0.548651	-1.82265	0.840206	1.13733	1.13733	0.73735	1.24317	1.24317	0.82381	1.15274	1.15274	0.62885	0.733111	-1.36405	0.674471	1.30901	1.30901	0.891775	0.916884	-1.09065	0.218413	1.40552	5.72013	1
cg15371881	FGF1;FGF1;FGF1;FGF1;FGF1;FGF1;FGF1	0.982216	0.716274	0.747006	-1.33868	0.64841	0.692907	-1.44319	0.790554	1.23704	1.23704	0.867153	1.14315	1.14315	0.54446	0.612497	-1.63266	0.946905	1.05466	1.05466	0.355149	0.467609	-2.13854	0.859684	0.868141	-1.15189	0.779083	1.25199	1.25199	0.218402	2.20895	8.99033	1
cg25762395	LOC100133612;C1orf174;C1orf174	0.982252	0.460333	0.76124	-1.31365	0.598289	0.824516	-1.21283	0.761794	1.11666	1.11666	0.808119	0.915483	-1.09232	0.653764	0.841005	-1.18905	0.933794	0.970296	-1.03061	0.960455	0.982166	-1.01816	0.824959	1.08371	1.08371	0.519463	1.26744	1.26744	0.218263	0.455326	1.85434	1
cg26309303	FAM115A;FAM115A	0.982263	0.764811	0.909294	-1.09975	0.424558	1.29493	1.29493	0.92605	0.970999	-1.02987	0.939602	0.97627	-1.02431	0.960485	0.97583	-1.02483	0.918601	0.98081	-1.01985	0.681845	1.13955	1.13955	0.905082	0.996266	-1.00375	0.935989	1.31717	1.31717	0.218222	0.347137	1.41401	1
cg26504263	ANKRD6	0.982269	0.712988	0.804456	-1.24308	0.582399	1.3869	1.3869	0.847712	0.892948	-1.11989	0.842897	0.889707	-1.12397	0.948038	0.962344	-1.03913	0.509098	1.48357	1.48357	0.947029	0.961625	-1.03991	0.622654	1.33925	1.33925	0.514307	0.677411	-1.47621	0.218195	1.1986	4.88291	1
cg07160353	ZNF346	0.982277	0.987141	1.00743	1.00743	0.687703	0.915584	-1.0744	0.823788	0.890179	-1.10966	0.872161	0.891375	-1.14262	0.741958	0.880448	-1.13603	0.815919	0.889449	-1.1303	0.663342	0.837753	-1.22286	0.607351	0.894161	-1.12769	0.506891	1.36236	1.36236	0.218191	0.728702	2.96865	1
cg11079525	RACGAP1;RACGAP1;RACGAP1	0.982271	0.59426	1.67395	1.67395	0.983437	1.02009	1.02009	0.856506	1.18939	1.18939	0.433211	0.21588	2.15188	0.874986	0.908499	-1.10154	0.342942	2.55036	2.55036	0.544579	0.93555	-1.06889	0.807601	1.23326	1.23326	0.268644	1.59518	1.59518	0.218128	1.17286	12.9265	1
cg19452316	RASSF5;RASSF5	0.982284	0.68921	2.01968	2.01968	0.593256	0.388577	-2.57349	0.761542	0.587776	-1.70133	0.909406	0.820014	-1.21946	0.744457	1.17048	1.17048	?	?	?	0.678994	0.482952	-2.0706	?	?	?	0.71654	0.528765	-1.8912	0.165616	5.68554	24.5212	1
cg10004418	FAM49A	0.982304	0.882759	0.921	-1.08523	0.917796	1.15378	1.15378	0.993132	1.00516	1.00516	0.783696	1.17896	1.17896	0.993157	1.00856	1.00856	0.487251	0.65554	-1.52546	0.693577	0.73606	-1.35836	0.677757	1.27962	1.27962	0.474901	0.781408	1.28405	1.28405	0.521596	0.677962	-1.47501	0.218058	0.123632	0.93971	1
cg13572289	DCLRE1B;AP4B1	0.982311	0.382949	0.43982	0.23982	0.557817	0.60378	0.60378	0.926117	1.16154	1.16154	0.486091	1.33514	1.33514	0.727395	0.75949	0.75949	0.983181	1.03462	1.03462	?	?	?	0.756763	1.65139	1.65139	0.72931	1.70124	1.70124	0.073508	0.307744	0.36967	1
cg25066134	C14orf38	0.982329	0.756423	1.08955	1.08955	0.657345	1.38422	1.38422	0.870555	1.05737	1.05737	0.612721	0.804581	-1.24306	0.974447	1.02553	1.02553	0.936198	1.07257	1.07257	0.740955	0.974926	-1.02572	0.562397	1.01733	1.01733	0.984206	1.01784	1.01784	0.218295	0.179135	1.43437	1
cg06786237	FAM192A	0.98234	0.777626	0.77785	-1.2856	0.607709	0.631646	-1.58317	0.955183	0.951357	-1.05113	0.598021	1.60334	1.60334	0.643452	0.661275	-1.51223	0.845594	0.841141	-1.18886	0.790884	0.788936	-1.26593	0.57038	1.66341	1.66341	0.548225	1.71444	1.71444	0.217917	2.71715	11.0833	1
cg13666253	ARMC2	0.982349	0.969239	0.935292	-1.06919	0.516999	0.316624	-3.15832	0.885464	0.778691	-1.28421	?	?	?	?	?	?	0.864613	1.34477	1.34477	?	?	?	?	?	?	0.953213	1.10715	1.10715	0.18853	2.8801	24.3021	1
cg16168624	ERCH1	0.982351	0.894462	1.1188	1.1188	0.755316	0.686585	-1.45627	0.962523	1.15398	1.15398	0.861284	1.21732	1.21732	?	?	?	0.834199	1.1891	1.1891	0.893358	1.1172	1.1172	0.618782	0.66068	-1.51359	0.392697	2.06168	2.06168	0.200062	1.92299	9.61197	1
cg01400822	GPX7	0.982363	0.784951	0.726352	-1.37674	0.537996	0.482448	-2.07276	0.761205	0.700274	-1.42801	0.628606	1.76777	1.76777	0.831221	0.7792	-1.28337	0.990436	1.01411	1.01411	0.636882	0.573601	-1.74337	0.462111	0.616482	0.66068	-1.51359	0.392697	2.06168	2.060062	0.446365	-2.24032	0.217827	4.71371	19.2353	1
cg08066531	ZNF618;ZNF616	0.982367	0.460764	0.838334	-1.19228	0.808495	0.967707	-1.03551	0.918421	1.02442	1.02442	0.792202	0.995396	1.00464	0.992008	0.996396	-1.00364	0.838305	1.1005	1.1005	0.983892	1.13002	1.13002	0.655005	1.11211	1.11211	0.641549	1.05644	1.05644	0.218104	0.190174	0.779095	1
cg10691912	PHF23;DVL2	0.982371	0.632428	0.833388	-1.19992	0.586515	1.22621	1.22621	0.74267	1.30566	1.30566	0.987799	0.994336	-1.0057	0.880002	0.9577	-1.0577	0.782519	1.10821	1.10821	0.763263	0.893894	-1.1187	0.461829	1.32068	1.32068	0.67007	1.49176	1.49176	0.218064	0.107196	0.475603	1
cg25955899	PDK9	0.982375	0.78261	1.37871	1.37871	0.98442	0.977591	-1.02292	0.899981	0.864197	-1.15714	0.268177	3.84605	3.84605	0.762935	0.703794	-1.42087	0.858185	1.23075	1.23075	0.950229	1.07514	1.07514	0.933195	1.1022	1.1022	0.665954	1.65629	1.65629	0.215241	0.431922	16.245	1
cg17987027	CDC42BPG	0.982376	0.850477	1.08343	1.08343	0.674499	0.978101	-1.02168	0.731321	1.07565	1.07565	0.555549	1.31552	1.31552	0.999624	-1.00058	0.836231	1.3389	1.3389	?	?	?	?	0.872704	1.36077	1.36077	0.694949	1.34494	1.34494	0.880904	1.0039172	-1.11065	0.539237	0.626618	1.59587	0.217778	0.1304	0.776095	1
cg09316688	TTC3;PIGP;PIGP;PIGP	0.982398	0.820908	1.03546	1.03546	0.360363	1.15449	-1.15549	0.718091	1.0573	1.0573	0.960164	0.992353	-1.00771	0.893326	1.02083	1.02083	0.784727	0.95879	-1.04298	0.824868	1.0349	1.0349	0.584781	0.918693	-1.0885	0.606567	1.08161	1.08161	0.217693	0.081439	0.332534	1
cg00941912	KIAA1530	0.982399	0.666028	1.08496	1.08496	0.727307	0.793703	-1.25969	0.98619	0.993564	-1.00648	0.784831	0.95217	-1.04257	0.985892	0.9027	-1.10787	0.425284	1.9551	1.9551	0.998637	0.979725	1.02021	1.02021	0.714574	0.963768	-1.03787	0.739314	0.963632	0.218262	0.085378	0.363632	1
cg19146924	SNX15;SNX15	0.982421	0.866687	1.20093	1.20093	0.451087	0.432109	-2.31423	?	?	?	0.606459	1.76291	1.76291	0.986177	0.9813	-1.01906	0.67127	0.627763	-1.59296	0.801686	0.76009	-1.31563	0.682291	0.638362	-1.56651	0.831888	1.26073	1.26073	0.195328	3.1963	14.3183	1
cg19378207	ACVR1B;ACVR1B;ACVR1B	0.982451	?	?	?	0.659401	1.39152	1.39152	0.999674	0.999494	-1.00058	0.836231	1.3389	1.3389	?	?	?	?	?	?	?	?	?	?	0.784708	1.36018	0.575387	2.43053	2.43053	0.211243	0.23577	19.9702	1
cg02350117	DLG2;DLG2	0.982498	0.947298	0.982407	-1.01791	0.824776	0.942456	-1.06232	0.66123	0.979596	1.00608	0.976992	0.97652	-1.02452	0.542505	1.18994	1.18994	0.493008	1.20513	1.20513	0.96304	1.02246	1.02246	0.710514	1.10508	1.10508	0.513507	0.845165	1.8352	1.83522	0.247357	2.01118	1
cg24717078	KIRREL3;KIRREL3	0.982482	0.77613	0.856465	-1.16759	0.650768	0.780617	-1.28104	0.987749	0.991691	-1.00838	0.331258	0.579961	-1.72425	0.651958	0.783132	-1.27986	0.865178	1.09675	1.09675	0.491237	0.683887	-1.46223	0.630718	0.768567	-1.30112	0.944668	0.962981	-1.03844	0.217363	1.01675	4.15791	1
cg08982505	MORN4;MORN4	0.982505	0.472236	0.73903	-1.35313	0.593027	1.10188	1.10188	0.911289	0.955399	-1.04668	0.815263	0.907733	-1.10156	0.783696	0.894432	-1.11825	0.738503	1.32139	1.32139	0.494435	0.750533	-1.33239	0.705524	0.387437	-2.58151	0.348431	0.85139	-1.17474	0.790779	1.11667	1.11667	0.612271	0.588654	0.40828	1
cg07346343	MED12L;MED12L	0.982513	0.936025	0.988335	-1.01168	0.916967	1.01536	1.01536	0.513324	1.10174	1.10174	0.886861	0.979408	-1.02102	0.98553	0.997353	1.00265	0.763284	0.956813	-1.04514	0.676787	1.06319	0.774353	0.958858	-1.04291	0.350757	1.1507	1.1507	0.217242	0.073508	0.300744	1
cg02944245	CLC4;CLIC4	0.982516	0.886998	0.98074	-1.13439	0.889157	0.806039	-1.24069	0.676628	1.45044	1.45044	0.6023	1.5918	1.5918	0.985326	0.983827	-1.01644	0.936972	1.07257	1.07257	0.740955	0.974926	-1.02572	0.562397	1.01733	1.01733	0.984206	1.01784	1.01784	0.218295	0.179135	1.43437	1
cg26637167	QRFPR	0.982524	0.54424	1.18774	1.18774	0.688251	1.806277	-1.24027	0.437144	0.640517	-1.56124	0.589022	1.33803	1.33803	0.968486	1.0221	1.0221	0.936672	0.954608	-1.04755	0.944021	1.00372	1.00372	0.837263	0.896014	-1.11605	0.765184	0.852217	-1.17341	0.217198	0.980447	4.01251	1
cg04774914	LASS5	0.982531	0.923151	0.97606	-1.02453	0.639334	1.12584	1.12584	0.495553	0.840482	-1.18979	0.750979	0.923159	-1.08324	0.489223	1.19294	1.19294	0.908937	0.97675	-1.02915	0.81601	1.06028	1.06028	0.622222	1.13283	1.13283	0.832339	0.948153	-1.05468	0.217171	0.216914	0.887838	1
cg26263766	ZNF544	0.982553	0.379658	0.48356	0.17658	0.726756	0.83676	-1.19526	0.816316	0.96136	1.03664	0.906468	0.95937	-1.04253	0.885892	0.9027	-1.10787	0.62878	0.62878	0.855596	1.5917	1.5917	1.5917	1.11222	1.11222	?	?	0.90252	0.819638	1.53274	1.53274	0.217697	0.193533	0.092574	0.77097	1
cg24159451	UBLS;UBLS	0.982542	0.704515	1.07435	1.07435	0.788122	0.950558	-1.05201	0.9964	0.999151	-1.00085	0.452725	0.854923	-1.1697	0.398119	0.849714	-1.17687	0.761128	0.944221	-1.05907	0.815635	0.956987	-1.04495	0.739585	0.939136	-1.06481	0.869223	1.0315	1.0315	0.217126	0.12185	0.498839	1
cg01023778	RPL10A	0.982558	0.527388	0.632287	-1.58049	0.871113	1.10971	1.10971	0.655549	1.13356	1.13356	0.675171	0.763216	-1.31025	0.581982	0.914034	-1.09376	0.792663	0.844597	-1.184	0.562154	0.686832	1.45596	0.689353	0.914034	-1.09326	0.724798	1.25435	1.25435	0.217107	0.14317	0.578685	1
cg10640168	TRAPPC9;TRAPPC9	0.982572	0.808449	0.921464	-1.08523	0.396552	0.746497	-1.33959	0.829969	1.07524	1.07524	0.810056	1.08447	1.08447	0.835123	0.93222	1.07271	0.91744	0.965685	-1.03553	0.407033	0.751543	-1.3306	0.815756	0.923602	-1.08272	0.604601	0.838695	1.19233	0.217008	0.389772	1.59655	1
cg01583907	HLA-DRB6	0.982578	0.549129	1.99213	1.99213	0.599405	1.82692	1.82692	0.853718	0.810701	-1.2335	0.290014	3.48555	3.48555	0.929342	0.904078	-1.1061	0.904371	1.14643	1.14643	0.978516	0.969846	-1.03109	0.851259	1.23792	1.23792	0.903252	1.14828	1.14828	0.216981	0.44262	18.1997	1
cg20245643	MRPAP11	0.982583	0.831481	1.06408	1.06408	0.705535	1.2615	1.2615	0.970626	1.10568	1.10568	0.742789	1.29794	1.29794	0.853826	0.980304	-1.02021	0.557797	1.32154	1.32154	0.645937	0.705551	-1.41733	0.865466	0.923387	-1.08297	0.628146	0.909027	-1.10759	0.217229	0.759432	3.11082	1
cg03814668	SHROOM1	0.982643	0.80926	0.885946	-1.12874	0.697312	1.2162	1.2162	0.674084	1.23592	1.23592	0.770214	1.15797	1.15797	0.918415	0.949986	-1.05265	0.579205	1.32381	1.32381	0.814992	0.887232	-1.1271	0.360107	1.60186	1.60186	0.782794	0.870762	-1.14842	0.216728	0.860761	3.53033	1
cg13364603	SCUBE3	0.982645	0.676388	1.47824	1.47824	0.515727	0.78415	-1.27515	0.960225	0.875328	-1.14243	0.836034	1.0747	1.0747	0.816779	1.04042	1.04042	0.759706	1.31454	1.31454	0.623003	0.899206	-1.11634	0.748693	0.922818	1.02818	1.02818	0.643738	1.29441	1.29441	0.216153	0.474714	1.62913	1
cg07492240	C4orf31	0.982665	0.621179	1.45142	1.45142	0.832248	1.17191	1.17191	0.936208	1.06169	1.06169	0.574341	1.52871	1.52871	0.891588	1.10737	1.10737	0.433067	1.81903	1.81903	0.413491	1.86869	1.86869	0.530098	1.6091	1.6091	0.588893	1.50391	1.50391	0.216642	1.91909	7.87409	1
cg07129907	MOC1	0.982682	0.671576	1.1582	1.1582	0.906588	1.04125	1.04125

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Fold-Change(112T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Fold-Change(347T vs. N)	p-value(347T vs. N)	Fold-Change(353T vs. N)	p-value(353T vs. N)	Fold-Change(537T vs. N)	p-value(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Fold-Change(563T vs. N)	T(Test)	SS(Test)	SS(Error)	DF
cg20402253	CLCN3,CLCN3	0.984014	0.662269	0.872279	-1.14513	0.936594	1.02483	1.02483	0.776309	1.0918	1.0918	0.779562	1.09036	1.09036	0.916479	1.03287	1.03287	0.708439	1.08209	1.08209	0.960863	0.984688	-1.01555	0.973896	0.980963	-1.01014	0.293388	0.317919	1.33811	1
cg24636867	PPP2R3A	0.984044	0.639484	1.17984	1.17984	0.789901	1.09813	1.09813	0.528441	1.25092	1.25092	0.522126	1.25676	1.25676	0.528747	1.25071	1.25071	0.76023	1.11327	1.11327	0.795708	1.09521	1.09521	0.733048	1.12751	1.12751	1.25601	0.586607	0.824692	-1.21257	0.211067	0.410763	1.72989	1
cg20830965	BLMH	0.984074	0.476628	1.8379	1.8379	0.577325	1.60555	1.60555	0.864847	1.15404	1.15404	0.925441	0.924301	-1.0819	0.625082	1.15312	1.15312	0.464306	1.87079	1.87079	0.747033	1.31281	1.31281	0.484856	1.81656	1.81656	0.914154	0.913305	-1.09492	0.210942	2.36282	9.95667	1
cg20157702	PIKFYVE,PIKFYVE	0.984088	0.440016	0.652474	-1.53263	0.921706	0.948127	-1.05071	0.759287	1.18135	1.18135	0.933241	1.04648	1.04648	0.561182	1.727514	1.37521	0.685034	1.24747	1.24747	0.50236	0.691319	-1.44651	0.996099	1.00204	1.00204	0.873824	0.917432	1.09	0.210885	0.98207	4.13947	1
cg22606062	CCNI	0.984099	0.989378	0.994875	-1.00515	0.488192	0.761994	-1.31235	0.435665	1.3593	1.3593	0.706684	0.864231	-1.1571	0.912129	0.958287	-1.04353	0.908473	0.956581	-1.04539	0.828449	0.993915	-1.08737	0.856109	0.932339	-1.07257	0.623867	1.20714	0.208137	0.837028	0.497463	2.0973	1
cg20641567	PFKFB3	0.984101	0.483268	0.673535	-1.4847	0.720236	0.819151	-1.22078	0.926942	0.952195	-1.05021	0.990085	1.00064	1.00064	0.455291	0.655847	1.52475	0.606308	0.749494	-1.33423	0.475369	0.668564	-1.49574	0.873472	1.00243	1.00243	0.894802	1.07614	1.07614	0.210829	1.02739	4.33165	1
cg13349429	HDAC4	0.984118	0.709419	1.18418	1.18418	0.785475	1.13113	1.13113	0.889912	0.93937	-1.06454	0.639873	1.23716	1.23716	0.75477	0.868046	-1.15201	0.86373	0.925353	-1.08067	0.301823	1.62111	1.62111	0.901988	1.05722	1.05722	0.941142	0.967201	-1.03391	0.210757	0.680814	2.8714	1
cg10746796	TWF2	0.984122	0.794813	1.0646	1.0646	0.961991	0.970565	-1.03022	0.644192	1.11818	1.11818	0.760792	1.0761	1.0761	1.03139	0.66817	1.49618	1.10916	1.10916	?	?	?	1.48218	1.48218	1.18339	1.18339	0.793468	0.919607	-1.08731	0.512965	1.13727	1.17277	0.199073	0.156812	0.812191	1
cg14134215	KLHL23	0.984123	0.658832	1.44612	1.44612	0.518758	0.582151	-1.71777	0.674266	1.41202	1.41202	0.67019	0.701648	1.42522	0.587017	1.70348	1.42522	0.693478	1.38767	1.38767	0.694125	0.721161	1.38665	0.982521	0.983044	-1.01828	0.967574	0.966939	1.03419	0.210738	2.28308	9.62997	1
cg20330747	FAR52	0.984124	0.846183	1.12017	1.12017	0.566272	1.40321	1.40321	0.634874	1.3225	1.3225	0.953275	0.966342	-1.03483	0.703320	0.79966	-1.25053	0.852845	1.1146	1.1146	0.370376	1.71168	1.71168	0.567769	1.40134	1.40134	0.840661	1.12482	1.12482	0.210733	1.13946	4.80636	1
cg14266611	MLLT3	0.984126	0.447644	0.677532	-1.47555	0.737409	1.25288	1.25288	0.573405	1.54252	1.54252	0.552227	1.28181	1.28181	0.564848	1.770994	1.34894	0.76506	1.80528	1.80528	0.497347	0.811703	-1.23198	0.909106	0.930007	-1.07531	0.614986	1.14986	1.14986	0.210585	1.74276	7.35627	1
cg18624059	GAUNT14	0.984216	0.630595	0.825183	-1.21185	0.452912	1.35422	1.35422	0.895013	0.94936	-1.0537	0.932637	1.23883	1.23883	0.927689	1.03666	1.03666	0.974006	1.01301	1.01301	0.64894	1.19932	1.19932	0.997695	0.998855	-1.00115	0.502321	1.30096	1.30096	0.210735	0.523927	2.21399	1
cg20596779	RNF130	0.984237	0.505588	0.689869	-1.50632	0.851866	0.892263	-1.12075	0.97606	1.03767	1.03767	0.834584	1.13521	1.13521	0.615653	0.735664	-1.35932	0.965448	1.02662	1.02662	0.463767	0.935514	-1.56368	0.537489	0.68478	-1.46032	0.731393	1.23242	1.23242	0.210663	1.12485	5.17807	1
cg20152715	PFKL,PFKL	0.984281	0.830435	-1.20419	0.501884	0.831826	-1.20218	0.534826	1.1858	1.1858	0.914134	1.08083	1.08083	0.755323	0.919014	1.08812	1.08812	0.997577	0.99918	1.00082	0.68683	0.896286	-1.11572	0.868445	0.956203	-1.0458	0.938863	0.97949	-1.02094	0.210176	0.242958	1.02753	1
cg02589538	GME8;GME8;1	0.98429	0.971003	1.01161	1.01161	0.447565	0.782076	-1.27865	0.817236	0.929127	-1.07628	0.776881	0.913729	-1.09422	0.927424	0.971503	-1.02933	0.804375	0.924218	-1.082	0.61777	0.852118	-1.17355	0.580945	1.19369	1.19369	0.596874	1.18471	1.18471	0.210401	0.335449	1.41961	1
cg21804824	TP53I11;TP53I11	0.984307	0.688739	0.824325	-1.21311	0.655396	0.806019	-1.24057	0.860747	1.16207	1.16207	0.888053	1.08803	1.08803	0.401397	0.663486	-1.50719	0.825189	0.890933	-1.11197	0.88668	0.935574	-1.06886	0.837859	1.1033	1.1033	0.412717	0.669111	-1.49452	0.734665	0.849407	-1.17729	0.209972	0.765511	2.3407	1
cg20470625	POU6F2;POU6F2	0.984309	0.960236	0.991257	-1.00882	0.920591	0.017722	-1.01772	0.341596	1.18838	1.18838	0.733815	1.06196	1.06196	0.579843	0.906206	-1.1035	0.773526	0.950453	-1.05213	0.905647	1.0211	1.0211	0.89439	0.976879	-1.02367	0.728226	1.06337	1.06337	0.209961	0.103149	0.436692	1
cg17486066	HMGB4;CSMD2;HMGB4	0.984313	0.867755	0.921479	-1.08523	0.394776	0.951203	-1.53374	0.894344	1.06738	1.06738	0.967262	0.980802	-1.02034	0.979533	0.987479	-1.01268	0.935753	0.961212	-1.04035	0.459993	1.44649	1.44649	0.636193	0.791508	-1.26341	0.832284	0.900169	-1.10967	0.209945	0.800626	3.38978	1
cg26811653	MTMR7	0.984339	0.405807	0.769476	-1.29959	0.988192	1.06457	1.06457	0.558737	0.833442	-1.19984	0.815181	0.980396	-1.07481	0.875262	1.09275	1.09275	0.640108	0.864945	-1.15614	0.793581	1.08412	1.08412	0.6553	1.14848	1.14848	0.818827	1.07325	1.07325	0.209835	0.315497	1.33649	1
cg11886554	SKIL;SKIL;SKIL	0.984356	0.744863	1.20868	1.20868	0.737118	1.21597	1.21597	0.876388	1.09456	1.09456	0.689266	0.791923	-1.26275	0.986319	0.990097	-1.01	0.460009	1.54746	1.54746	0.616986	1.34	1.34	0.519713	0.684688	-1.46052	0.999562	1.00032	1.00032	0.209765	1.11922	4.74276	1
cg12706596	SERTAD2	0.984359	0.823442	0.903676	-1.10659	0.573124	1.29511	1.29511	0.685065	0.905406	0.839612	-1.26645	0.653377	1.3119	1.3119	0.847096	1.09144	1.09144	1.09144	0.931663	1.03964	1.03964	0.419957	1.3703	1.3703	0.870408	1.22344	1.22344	0.877839	0.932659	-1.0722	0.209753	0.682419	2.89195	1
cg05280555	CNOT10	0.984376	0.789185	1.27232	1.27232	0.555411	1.70923	1.70923	0.819266	0.814085	-1.22837	0.966383	1.0886	1.0886	?	?	?	0.692057	1.43015	1.43015	0.930605	0.924706	-1.08142	?	?	?	0.464322	1.95298	1.95298	0.178439	1.75081	11.3713	1
cg05498448	LPAR1;LPAR1;LPAR1;LPAR1	0.984379	0.866201	1.08203	-1.15025	0.881581	0.959535	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	0.741757	1.34789	1.34789	0.660208	0.759563	?	?	?	?	0.468623	-2.05498	0.741757	0.687075	-1.45544	0.192011	0.345116	1.88758	1
cg15873320	ADRA1D	0.984387	0.71848	-1.92752	-1.07787	0.965728	0.991139	-1.00894	0.851961	1.03946	1.03946	0.944423	0.985662	-1.01455	0.823603	0.954804	-1.04734	0.641202	1.10211	1.10211	0.426258	0.845108	-1.18328	0.911931	1.02318	1.02318	0.494929	1.15438	1.15438	0.209633	0.142473	0.604115	1
cg05963712	WNT1	0.984416	0.668334	0.652084	-1.53355	0.324525	0.364458	-2.7438	0.731915	0.760257	-1.31509	0.760257	0.840987	-1.17674	0.933963	0.921075	-1.08569	0.689576	0.671448	-1.48932	0.902694	1.12901	1.12901	0.649207	1.57509	1.57509	0.255121	0.733249	-1.36379	0.209446	0.955212	2.26576	13.8555	1
cg20176144	ATP13A1	0.984453	0.749382	1.13642	1.13642	0.879914	1.06768	1.06768	0.677417	1.21152	1.21152	0.716098	1.16698	1.16698	0.504542	1.10553	1.10553	0.972229	1.00764	1.00764	0.840562	1.10385	1.10385	0.754766	1.26514	1.26514	0.762211	1.13445	1.13445	0.209453	0.75596	2.43299	1
cg12267021	NUMA1;LRTOMT;LRTOMT;LRTOMT;LR TOMT;LRTOMT;LRTOMT	0.984432	0.59404	0.689307	-1.45073	0.446865	0.58496	-1.70952	0.925007	1.06728	1.06728	0.772577	1.22191	1.22191	0.794061	1.19833	1.19833	0.995556	1.00386	1.00386	0.441882	0.581386	-1.72003	0.92414	1.06809	1.06809	0.932822	1.06004	1.06004	0.209446	1.58672	6.73404	1
cg09511237	SETD7;SETD7	0.984442	0.789994	-1.12995	0.676251	1.23655	1.22365	1.26461	0.715243	1.15523	1.15523	0.41616	1.48694	1.48694	0.691385	1.21139	1.21139	0.478217	1.14114	1.14114	0.626716	1.26561	1.26561	0.739298	1.17411	1.17411	0.54702	1.34031	1.34031	0.209406	0.766049	3.25174	1
cg21804148	LLPH	0.984452	0.76197	1.35298	1.35298	0.829382	0.806736	-1.29956	0.716289	0.655444	-1.43793	0.694073	1.482	1.482	0.335942	2.68415	2.68415	0.659144	1.55541	1.55541	0.853506	0.831984	-1.20195	0.996212	0.995287	-1.00474	0.865998	0.845296	-1.18302	0.20936	3.28364	13.9415	1
ch.1.6278974F	Cborf5	0.984494	0.870865	1.04144	1.04144	0.945345	1.09281	1.09281	0.580503	1.08556	1.08556	0.826856	0.888838	-1.12506	0.910394	1.03784	1.03784	0.749026	1.01864	1.01864	0.968838	0.98414	1.08414	0.668934	0.892478	-1.12048	0.805678	0.9369	-1.06755	0.209165	0.231679	0.884475	1
cg18217145	BMP8B	0.984508	0.592491	1.89048	1.89048	0.788068	1.37335	1.37335	0.731889	1.49936	1.49936	?	?	?	0.670199	0.603689	-1.65648	0.649324	1.71494	1.71494	0.799814	1.34876	1.34876	0.935368	1.10017	1.10017	0.562219	0.501142	-1.99544	0.187119	3.57274	16.7068	1
cg26251078	PDXS;PDXS;PDXS;PDXS;PDXS	0.984551	0.886201	1.08203	-1.15025	0.881581	0.959535	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	0.741757	1.34789	1.34789	0.660208	0.759563	1.31662	1.28172	0.881572	0.760707	0.687075	-1.45544	0.192011	0.345116	1.88758	1
cg03639021	GNB2L1;SNORD95	0.984519	0.706774	1.2667	1.2667	0.410319	1.69335	1.69335	0.687086	1.28829	1.28829	0.695336	0.781759	-1.27917	0.713196	1.25079	1.25079	0.647321	1.767263	1.30333	0.89498	1.08613	1.08613	0.72788	1.24423	1.24423	0.644767	1.33699	1.33699	0.20908	1.29585	5.50921	1
cg21872132	CLMN	0.984532	0.606174	0.671275	-1.4897	0.755393	1.27063	1.27063	0.54102	1.60284	1.60284	0.439841	1.82904	1.82904	0.952719	0.955572	-1.04649	0.835135	0.852378	-1.17319	0.827676	1.18186	1.18186	0.735569	0.771207	-1.29667	0.778687	1.24102	1.24102	0.209023	1.94461	8.26961	1
cg10383999	ZNF124	0.984537	0.925696	1.08203	-1.15025	0.881581	0.959535	1.04107	0.961207	0.949768	1.05264	0.949768	1.05264	0.949768	1.05264	0.949768	1.05264	0.725345	1.37789	1.37789	0.662082	0.759563	1.32403	1.28172	0.881572	0.760707	0.687075	-1.45544	0.192011	0.345116	1.88758	1
cg18437480	TRIM9;TRIM9	0.984538	0.374566	0.626899	-1.59515	0.851922	1.10048	1.10048	0.899948	1.06657	1.06657	0.93118	1.04525	1.04525	0.629951	0.77979	-1.2824	0.789417	0.871843	-1.147	0.662668	0.798598	-1.25219	0.647942	1.26561	1.26561	0.826066	1.11936	1.11936	0.208998	0.868935	0.36956	1
cg19434261	EBF3	0.984561	0.880014	1.12142	1.12142	0.840527	0.853099	-1.16564	0.668062	0.745383	-1.34484	0.904099	0.99986	1.00014	0.999986	1.00014	1.00014	0.837473	1.11918	1.11918	0.353929	0.488088	-2.04881	0.778488	0.808461	-1.23697	0.628897	1.44857	1.44857	0.208981	1.31659	8.1525	1
cg16087382	NSUN2	0.984546	0.834476	0.896619	-1.1153	0.252631	1.86479	1.86479	0.779544	1.15759	1.15759	0.898449	1.06885	1.06885	0.981464	1.01207	1.01207	0.887295	0.97676	1.07676	0.935869	0.958901	-1.04286	0.792294	1.14755	1.14755	0.817424	1.88639	-1.13217	0.208964	0.900067	3.8287	1
cg24206256	MAT2B	0.984584	0.587841	0.801511	-1.24764	0.712088	1.1617	1.1617	0.631875	0.722998	-1.38313	0.902207	1.05096	1.05096	0.919062	0.959735	-1.04195	0.976489	0.988155	-1.01199	0.427071	0.720446	-1.38803	0.848765	0.925712	-1.08025	0.974776	1.01287	1.01287	0.208805	0.540666	2.30163	1
cg08026240	WWTR1;WWTR1;WWTR1	0.984663	0.806243	1.12142	1.12142	0.840527	0.853099	-1.16564	0.668062	0.745383	-1.34484	0.904099	0.99986	1.00014	0.999986	1.00014	1.00014	0.837473	1.11918	1.11918	0.353929	0.488088	-2.04881	0.778488	0.808461	-1.23697	0.628897	1.44857	1.44857	0.208981	1.31659	8.1525	1
cg15001959	TSPYL6;ACYP2	0.984722	0.653032	1.37884	1.37884	0.738922	1.268	1.268	0.493463	1.63836	1.63836	0.803194	1.19394	1.19394	0.821598	0.851864	1.1739	0.799858	0.834982	-1.19763	0.360216	1.94986	1.94986	0.993761	1.00557	1.00557	0.833567	1.16111	1.16111	0.208219	1.66185	7.09443	1
cg19557025	INPP5A	0.984807	0.963802	1.01161	1.01161	0.447565	0.782076	-1.27865	0.817236	0.929127	-1.07628	0.776881	0.913729	-1.09422	0.927424	0.971503	-1.02933	0.631553	0.527709	-1.89563	0.340384	1.20005	1.20005	0.55114	0.75057	-1.33231	0.646932	1.74807	1.74807	0.208163	0.60191	0.65185	1
cg09454676	ADAM23	0.984839	0.388341	0.838234	-1.19298	0.870815	1.03302	1.03302	0.980741	1.00483	1.00483	0.916816	1.02107	1.02107	0.596633	0.899881	-1.11249	0.77769	0.945073	-1.05812	0.809907	0.95304	-1.04927	0.540664	1.13159	1.13159	0.847345	0.962264	-1.03922	0.207721	0.131052	0.560805	1
cg08294021	MYBL2	0.984858	0.510536	1.56659	1.56659	0.509937	0.619124	1.3745	0.930082	0.942685	-1.0608	0.978701	0.990111	-1.01866	0.811139	0.851287	-1.17469	0.573985	1.45129	1.45129	0.556148	0.780958	-1.28046	0.945918	1.0408	1.0408	0.856482	1.31043	1.31043	0.207642	1.4876	6.36825	1
cg12656475	STEAP2;STEAP2;STEAP2;STEAP2	0.984871	0.72042	0.63523	-1.57423	0.812545	1.23241	1.23241	0.72871	0.74672	1.33917	0.81599	1.07659	1.07659	0.658287	1.4242	1.4242	0.859614	1.25048	1.25048	0.781676	1.28355	1.28355	0.749355	1.14755	1.14755	1.50875	0.603965	0.533302	2.53302	0.207582	1.24127	22.4487	1
cg02318516	LOC400657	0.984925	0.909639	0.94141	-1.06224	0.7122	1.2178	1.2178	0.787184	1.15477	1.15477	0.383573	1.60826	1.60826	0.890281	1.07616	1.07616	0.708036	1.22148	1.22148	0.599573	1.32542	1.32542	0.406908	1.57016	1.57016	0.688442	1.23906	1.23906	0.207353	0.92876	3.98144	1
cg02153022	TNNI3D2;COMT	0.984937	0.889491	1.06138	1.06138	0.788668	0.890022	1.12243	0.731078	1.1955	1.1955	0.76946	1.1345	1.1345	0.76946	1.1345	1.1345	?	?	?	0.720923	?	?	?	1.13642	1.13642	0.826908	0.902762	-1.07797	1.68694	0.493574	0.60195	1
ch.7.772253F	UBA1;UBA1;NE1	0.984971	0.842182	1.26053	1.26053	0.637017	0.575768	-1.73681	0.487824	0.44103	-2.26742	0.866223	1.21631	1.21631	0.914002	1.13368	1.13368	0.424266	0.387592	-2.58003	0.687409	0.625129	-1.59967	0.842644	0.793864	-1.25966	0.765405	1.4156	1.4156	0.207154	4.42572	18.9906	1
cg02885503	CFDP1	0.985034	0.532935	1.52924	1.52924	0.539062	1.5692	1.5692	0.585867	1.455	1.455	0.620391	1.36943	1.36943	0.991912	0.996316	1.00309	1.00309	0.971252	1.03014	1.03014	0.646073	1.36483	1.36483	0.994676	1.79753	1.79753	0.912133	1.07708	1.07708	0.206884	1.46255	6.36986	1
cg26269299	GSPC2;GSPC2	0.98504	0.968888	-1.00879	0.108479	0.757794	0.932938	-1.07188	0.987046	0.971366	-1.02948	0.523619	0.864984	-1.15609	0.495695	1.16794	1.16794	0.511959	0.863142	-1.16098	0.526359	0.93585	-1.0367	0.87905	0.986404	-1.01476	0.894458	1.03024	1.03024	0.206859	0.164995	0.708994	1
cg18524091	TAS1R2	0.985048	0.345253	1.81639	0.957933	0.968132	-1.03292	0.917594	1.06561	1.06561	0.547535	1.45309	1.45309	0.8398	1.13227	1.13227	0.51921	1.4936	1.4936	0.729945	1.23709	1.23709	0.873336	0.906688	-1.10292	0.938157	0.953474	-1.0488	0.206823	1.23483	5.30709	1
cg20461126	PUS7L;IRAK4;PUS7L;IRAK4;IRAK4;IRAK4	0.985093	0.569689	0.813176	-1.22975	0.402166	0.734465	-1.36154	0.78193	0.904949	-1.10503	0.494437	0.779003	-1.28369	0.954034	0.979465	-1.02097	0.623023	0.83666	-1.19523	0.467386	0.766308	-1.30496	0.874038	0.944495	-1.05877	0.787569	0.907359	-1.1021	0.20663	0.423979	1.82389	1
cg08058131	MFN1	0.985095	0.535481	0.684288	-1.46137	0.570252	0.706948	-1.41453	0.825631	0.675136	-1.14268	0.898092	1.08053	1.08053	0.645903	0.632554	-1.58089	0.98272	0.986993	-1.01318	0.547932	0.692435	-1.44418	0.917225	1.04821	1.0482	0.523763	0.67536	-1.48069	0.206623	1.19577	5.14418	1
cg03112382	CDK5R2	0.985125	0.736896	-1.1915	1.13915	0.882375	1.00857	1.00857	0.647983	1.19436	1.19436	0.662101	1.18519	1.18519	0.856197	0.932311	-1.0726	0.978314	1.01056	1.01056	0.351299	0.650278	1.53707	0.844209	0.904359	1.10754	1.04754	0.205777	0.488424	2.10166	1
cg06165506	VAT1L	0.985128	0.684455	0.899168	-1.11214	0.899174	1.03399	1.03399	0.559238	1.16851	1.16851	0.813555	1.06428	1.06428	0.945222	0.982043	-1.01829	0.650278	0.886601	-1.1279	0.855589	1.04886	1.04886	0.391169	1.26072	1.26072	0.887908	0.963492	-1.03789	0.206479	0.227405	0.978976	1
cg07258916	PLXNA4;PLXNA4;PLXNA4	0.985133	0.756343	1.28104	1.28104	0.687287	1.27313	1.27313	0.722975	0.794981	-1.25789	0.957488	1.0959	1.0959	0.965507	1.03254	1.03254	0.914814	1.39884	1.39884	0.519582	0.649269	-1.54019	0.773719	0.826362	-1.21012	0.614676	1.74679	1.74679	0.206458	1.43125	1.15213	1
cg22112179	DENND4A;DENND4A	0.985158	0.635722	1.40044	1.40044	0.849506	1.14348	1.14348	0.425616	1.77575	1.77575	0.921948	0.932669	-1.07219	0.52459	1.57633	1.57633	0.923222	1.07041	1.07041	0.568822	0.660606	-1.50149	0.940443	0.948628	-1.05415	0.93169	1.06238	1.06238	0.206349	1.62801	7.01298	1
cg22311498	MALAT1	0.985161	0.855153	1.08203	-1.15025	0.881581	0.959535	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	1.04482	0.957606	0.642733	1.4152	1.4152	0.710897	0.765753	-1.30281	0.813901	0.763469	-1.30981	0.818301	1.18965	1.18965	0.206134	0.934555	1.1	1
cg26120725	SYPL1;SYPL1	0.985189	0.646038	1.28154	1.28154	0.781727	0.861578	-1.16066	0.68716	1.24255	1.24255	0.527937	0.709622	-1.4092	0.509994	0.698726	-1.43118	0.909757	0.940991	-1.06271	0.76541	0.851704	-1.17412	0.739962	0.83638	-1.19563	0.61155	0.759775	-1.31618	0.206217	0.939777	4.05087	1
cg00039900	PPP1R15B	0.985218	0.913417	1.08999	0.624221	1.47867	1.47867	0.559598	1.59583	1.59583	0.677234	1.39322	1.39322	0.877481	0.884957	-1.13	0.785503	0.805643	-1.24125	0.475672	1.77645	1.77645	0.96502	0.965854	-1.03535	0.610094	0.665358	-1.50295	0.206092	2.04853	8.33545	1
cg08144373	RIN3;RIN3	0.985253	0.5538	1.42668	1.42668	0.700844	0.882604	-1.13251	0.702788	0.940044	1.06404	0.665796	0.809534	-1.23522	0.587025	1.72402	1.72402	0.570996	1.64595	-1.5655	0.614985	0.975405	1.02577	0.975405	1.09447	1.09447	0.906849	0.94537	-1.05779	0.20594	0.957152	1.24253	1
cg05715003	NDUFA4	0.985316	0.802905	1.04044	1.04044	0.556494	0.839107	-1.19174	0.628572	0.866233	-1.15442	0.797754	1.07851	1.07851	0.470438	1.24124	1.24124	0.986386	0.994991	-1.00503	0.953586	1.01724	1.01724	0.725458	0.901431	-1.10935	0.639331	1.14904	1.14904	0.205664	0.282167	1.21954	1
cg09744499	PRDM16;PRDM16	0.985326	0.761638	1.31313	1.31313	0.7007	1.38121	1.38121	0.561277	1.42355	1.42355	0.892194	1.08447	1.08447	0.516097	1.42455	1.42455	0.939306	1.06227	1.06227	0.812073	0.845685	1.18267	1.18267	0.945552	1.05756	1.05756	0.921973	0.886151	1.08995	1.08995	0.205593	0.119445	0.850231	1
cg13324717	LMBR1	0.985346	0.422058	3.55173	3.55173	0.949332	1.1032	1.1032

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Probeset ID	UCSC_REFGENE_NAME NDUFS3;KBTBD4;KBTBD4;NDUFS3;KBT	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. 047 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg05201673	BD4	0.986347	0.438702	0.775548	-1.28941	0.803795	1.0834	1.0834	0.674943	1.14538	0.743206	0.899609	-1.11559	0.64262	1.16228	0.162268	0.808699	1.08118	1.08118	0.762172	0.906942	-1.10261	0.967592	0.98701	-1.01316	0.661228	1.15247	1.15247	0.201081	0.329817	1.45797	1
cg09838055	CLEC18B	0.98635	0.971913	0.984048	-1.01621	0.995369	0.997353	-1.00265	0.523066	1.34396	1.34396	0.824272	0.903411	-1.10692	0.742092	0.859993	-1.1628		0.605583	0.788265	-1.26861	0.386826	0.666868	-1.49955	0.885634	0.936381	-1.06794	0.876038	0.931183	-1.0739	0.201067	0.664313	2.93683	1
cg26987911	CKAP2L	0.98639	0.79468	1.04187	1.04187	0.823941	0.965024	-1.03567	0.518967	1.10832	1.10832	0.829958	1.03441	1.03441	0.906215	0.81871	1.01871		0.902003	0.965771	-1.03544	0.908318	0.982003	-1.01833	0.738217	0.949607	-1.05418	0.372531	1.15489	1.15489	0.200936	0.078786	0.34812	1
cg11044556	MFGE8;MFGE8	0.986397	0.725975	0.903463	-1.10685	0.794932	1.07804	1.07804	0.367785	1.30592	1.30592	0.645179	0.87479	-1.14313	0.729221	0.904604	-1.10546		0.959342	0.985432	-1.01478	0.75123	1.0961	1.0961	0.841084	0.943725	-1.05963	0.963995	1.01311	1.01311	0.200852	0.264783	1.17183	1
cg20772300	TRIM47	0.98643	0.642944	0.812841	-1.23025	0.814453	0.900909	-1.10999	0.916103	1.04788	1.04788	0.461496	0.716949	-1.3948	0.51572	0.746373	-1.33981		0.452295	0.711857	-1.40474	0.710999	0.84773	-1.17962	0.850966	1.08707	1.08707	0.858302	0.923584	-1.08274	0.200702	0.626265	2.77366	1
cg26894523	ZNF718	0.986437	0.855127	1.16098	1.16098	0.853753	0.860105	-1.16265	0.882755	1.12809	1.12809	0.988718	0.988519	-1.01161	0.457473	0.539046	-1.85513		0.531936	0.596266	-1.67711	0.517423	0.585087	-1.70915	0.827311	1.19534	1.19534	0.616645	0.662186	-1.51015	0.20067	2.11981	9.38991	1
cg22394535	ZNRD1;ZNRD1;NCRNA00171	0.986474	0.357512	1.18903	1.18903	0.779893	0.827575	-1.20135	0.863278	0.89156	-1.11962	0.892696	0.91286	-1.08546	0.51926	0.554831	1.55481		0.725819	1.26852	1.26852	0.78279	1.20525	1.20525	0.952395	1.24024	1.24024	0.204164	0.749151	1.24204	1.24204	0.200505	1.44915	6.42446	1
cg20681328	RBMS2;RBMS2	0.986488	0.640521	1.1726	1.1726	0.796281	1.26205	1.26205	0.335888	1.39926	1.39926	0.43984	1.09262	1.09262	0.51262	0.572003	1.81238	1.81238	0.708475	1.1356	1.1356	0.827404	1.07673	1.07673	0.98743	0.990681	1.06343	1.06343	0.200444	0.36385	1.61356	1
cg05431828	VPS8P	0.986505	0.808773	1.0993	1.0993	0.67984	0.850413	-1.1759	0.935472	0.968877	-1.03212	0.956766	1.02139	1.02139	0.502192	1.30464	1.30464		0.560591	0.794713	-1.25832	0.960138	1.01971	1.01971	0.545567	1.26979	1.26979	0.703595	1.16098	1.16098	0.200361	0.483809	2.14639	1
cg18338818	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G; 1G;CACNA1G;CACNA1G;CACNA1G;CAC	0.986513	0.841949	0.872341	-1.14634	0.803607	1.18584	1.18584	0.485456	0.615767	-1.62399	0.97893	1.01823	1.01823	0.83919	0.870229	-1.14912		0.579967	1.46581	1.46581	0.534036	1.53854	1.53854	0.688747	0.759234	-1.31712	0.934357	1.05797	1.05797	0.200326	1.48474	6.58808	1
cg07820783	FLJ32810	0.986519	0.66187	0.784533	-1.27464	0.755712	0.841899	-1.18779	0.521847	0.690081	-1.43044	0.999906	0.999935	-1.00007	0.685914	0.799163	-1.25131		0.699591	0.807499	-1.23839	0.761275	1.18297	1.18297	0.498191	1.46109	1.46109	0.842646	0.896194	-1.11583	0.200295	0.964606	4.28083	1
cg11395893	CCDC94	0.98655	0.540364	1.34322	1.34322	0.800314	1.41645	1.41645	0.542437	1.89707	1.89707	0.332506	1.94868	1.94868	0.561621	2.19449	2.19449		0.903885	1.18052	1.18052	0.919027	1.13182	1.13182	0.712038	1.56431	1.56431	0.664914	1.66418	1.66418	0.635091	1.94675	8.49548	26.569	1
cg16018204	C8orf42	0.98658	0.757319	0.742612	-1.3466	0.654355	1.54136	1.54136	0.415115	2.22497	2.22497	0.755345	0.740745	-1.34999	0.795046	0.778854	-1.28394		0.720278	0.708062	-1.41231	0.946561	0.937671	-1.06647	0.704473	0.693605	-1.44174	0.73496	0.721641	-1.38573	0.200015	2.91998	12.9767	1
cg14316565	CAT	0.986563	0.876068	1.13784	1.13784	0.726731	1.41738	1.41738	0.485457	0.502507	-1.99002	0.314411	1.40853	1.40853	0.97936	1.02554	1.02554		0.93277	1.0875	1.0875	0.649643	1.57563	1.57563	0.782812	0.705603	-1.41723	0.512618	0.516758	-1.93514	0.199564	3.13015	13.9141	1
cg15250468	E2F3	0.986604	0.592804	0.810616	-1.23363	0.57267	0.800568	-1.24896	0.745386	0.881184	-1.13484	0.833587	0.921425	-1.08528	0.614349	0.820683	-1.2185		0.961899	0.981591	-1.01875	0.813171	0.912026	-1.09646	0.947777	1.0258	1.0258	0.456188	1.34436	1.34436	0.199735	0.478573	2.12982	1
cg26096599	EFEMP2	0.986712	0.823885	0.914251	-1.09379	0.938356	1.0316	1.0316	0.645389	0.829968	-1.20487	0.84786	0.925658	-1.08031	0.776397	0.891787	-1.12134		0.430401	0.723458	-1.38225	0.572923	1.25749	1.25749	0.568601	0.793138	-1.26081	0.758765	0.883475	-1.13189	0.199411	0.510903	2.27738	1
cg22959159	TBL2	0.986732	0.937947	1.02018	1.02018	0.980507	0.995326	-1.00482	0.941738	0.981419	-1.01893	0.724054	1.09522	1.09522	0.461448	1.21213	1.21213		0.672262	1.11537	1.11537	0.505894	0.840868	-1.18911	0.608954	1.14156	1.14156	0.815149	1.06194	1.06194	0.199315	0.207845	0.926028	1
cg02887248	FDFT1	0.986734	0.69198	0.930452	-1.07475	0.79906	1.00476	1.00476	0.914428	1.01965	1.01965	0.794923	0.95394	-1.04828	0.783024	0.951255	-1.05124		0.849788	0.96226	-1.03492	0.698666	1.07296	1.07296	0.496378	0.882476	-1.13318	0.645616	1.14427	1.14427	0.19931	0.103447	0.461359	1
cg01835144	HIURF	0.98674	0.516026	0.687619	-1.45429	0.684459	0.960945	-1.04064	0.864208	0.908709	-1.10039	0.421385	0.626811	-1.59538	0.519442	0.689573	-1.44975		0.65564	0.775339	-1.28979	0.535056	0.695593	-1.4294	0.920369	1.05179	1.05179	0.920545	0.944839	-1.05838	0.199281	1.02079	4.5532	1
cg06058431	NUDFAB1	0.98674	0.789906	1.06079	1.06079	0.757551	1.07084	1.07084	0.522755	0.90477	-1.10525	0.754877	0.907648	-1.07799	0.844867	0.97483	-1.02569	0.658547	0.9064	-1.10327	0.656747	1.03388	1.03388	0.8823	0.957796	-1.03328	0.745672	0.930614	-1.07456	0.199281	0.154087	0.687302	1
cg27602786	NCRNA00095;FBXL19	0.986743	0.637481	1.14515	1.14515	0.450901	0.803037	-1.24527	0.959166	0.985486	-1.01473	0.649189	0.877416	-1.13971	0.88238	0.958605	-1.04318		0.973058	0.990403	-1.00969	0.803887	0.931418	-1.07363	0.659139	0.80635	-1.24016	0.880181	1.04401	1.04401	0.199266	0.257338	1.14794	1
cg12934382	GRM2;GRM2;GRM2;GRM2	0.986744	0.769622	1.02488	1.02488	0.875222	0.907224	-1.10724	0.913159	1.03797	-1.14267	0.712767	0.872657	-1.15439	0.833931	0.947733	-1.05533	0.421475	0.74064	1.18052	1.18052	0.647158	0.913459	1.02599	1.02599	0.946121	0.945886	1.05386	1.05386	0.199227	0.15886	0.618395	1
cg18188347	TTC30B	0.986755	0.757081	0.903617	-1.10666	0.46218	0.783105	-1.27697	0.409722	0.759272	-1.31705	0.993962	1.02516	1.02516	0.959521	1.01672	1.01672		0.781114	1.09526	1.09526	0.975548	1.01006	1.01006	0.717827	1.12585	1.12585	0.980428	0.992019	-1.00805	0.99221	0.336644	1.50213	1
cg26302285	LRRC47	0.986767	0.424528	0.8907	-1.1693	0.678618	0.904861	-1.10517	0.964281	0.98631	-1.01388	0.533596	0.88574	-1.1292	0.863798	0.933958	-1.07109	0.640943	0.867942	-1.15151	0.818496	0.999553	-1.00045	0.932273	-1.00758	0.519467	0.900989	0.99175	-1.00806	0.523139	0.523139	1
cg14976646	CIDEA;CIDEA	0.986773	0.512514	1.6223	1.6223	0.405714	0.85827	-1.18587	0.847654	0.902156	-1.10846	0.682384	0.741034	-1.34947	0.889857	0.903994	1.1062		0.694417	1.33324	1.33324	0.910389	1.08547	1.08547	0.737443	1.27736	1.27736	0.797488	1.206	1.206	0.199128	0.67341	1.74694	1
cg03112762	CCDC134	0.986832	0.889395	0.923361	-1.083	0.956679	0.969352	-1.03162	0.853827	0.899711	-1.11147	0.933453	0.951272	-1.04902	0.700252	0.801184	-1.24815		0.465156	0.653154	-1.53103	0.349101	0.575537	-1.73751	0.884386	0.920006	-1.08695	0.741915	1.20848	1.20848	0.198852	0.1041	0.62255	1
cg22764639	NUAK1;NUAK1	0.986873	0.988376	0.990474	1.00952	0.977225	1.00952	-1.01286	0.577225	1.01907	1.01907	0.577301	1.01907	1.01907	0.577301	1.11888	1.11888		0.928156	1.06104	1.06104	0.904437	1.03027	1.03027	0.764358	1.16057	1.16057	0.864337	1.05808	1.05808	0.198641	1.35826	6.0774	1
cg14870062	ANGPTL6	0.986884	0.725613	0.784304	-1.27502	0.897555	1.09288	1.09288	0.886483	1.10316	1.10316	0.947893	0.95936	-1.0461	0.872735	1.11687	1.11687		0.720021	1.28168	1.28168	0.297482	1.21585	1.21585	0.310868	1.05422	1.05422	0.622285	1.40827	1.40827	0.19861	1.49545	6.69295	1
cg04353603	SLC44A5;SLC44A5	0.986894	0.807497	1.07407	1.07407	0.788235	1.15435	1.15435	0.628837	1.13879	1.13879	0.710836	1.19883	1.19883	0.614502	1.45373	1.45373		0.521906	1.1113	1.1113	0.50113	0.815126	1.08955	1.08955	0.895543	-1.11652	0.851526	0.889351	1.01241	1.01241	0.198566	0.2317	0.53194	1
cg12090242	ATP6V1E1;ATP6V1E1;ATP6V1E1	0.986919	0.424323	1.34387	1.34387	0.733959	1.13152	1.13152	0.575104	1.2277	1.2277	0.839131	1.0764	1.0764	0.851795	1.07009	1.07009		0.618407	1.19949	1.19949	0.374079	1.39164	1.39164	0.913588	1.0401	1.0401	0.92116	1.03651	1.03651	0.198447	0.412362	1.84706	1
cg11532655	SPTBN2	0.986936	0.732774	0.859462	-1.16352	0.760793	1.13863	1.13863	0.515582	1.32353	1.32353	0.922523	1.04223	1.04223	0.475239	0.734396	-1.36166		0.863161	1.07319	1.07319	0.995262	1.02053	1.02053	0.588389	1.26151	1.26151	0.915196	0.955721	-1.04633	0.918437	0.567951	2.54497	1
cg13794578	FBXQ;FBXQ	0.986976	0.691521	1.04153	1.04153	0.862576	0.949459	-1.11426	0.432303	0.604702	-1.65375	0.870875	0.929931	-1.0756	0.852172	0.948201	-1.05477	0.545529	0.950151	1.04002	1.04002	0.852728	0.688785	1.04925	1.04925	0.707952	0.91608	1.01608	1.01608	0.674585	0.636243	1.57173	0.598182	1.23662	0.54603	1
cg17949189	ZDHHC20;ZDHHC20	0.987014	0.815024	0.924795	-1.08132	0.728782	0.89036	-1.12314	0.885753	1.04913	1.04913	0.46232	1.28354	1.28354	0.717249	1.12899	1.12899		0.855517	1.06269	1.06269	0.670745	0.867046	-1.15334	0.625271	0.848565	-1.17846	0.685295	1.14559	1.14559	0.198006	0.349025	1.56684	1
cg05778415	POLE4	0.98702	0.867538	1.0961	1.0961	0.617266	1.0478	1.0478	0.942078	0.973778	-1.02693	0.731744	1.13244	1.13244	0.418744	1.38883	1.38883	0.421	0.473264	1.30953	1.30953	0.755642	0.80736	-1.23898	0.806358	1.06308	1.06308	0.649016	1.18965	1.18965	0.197975	0.428546	1.92413	1
cg05485663	OSMR;OSMR;OSMR	0.987035	0.814418	1.19811	1.19811	0.943455	1.05604	1.05604	0.666386	1.39569	1.39569	0.378481	2.00279	2.00279	0.938053	1.942004	1.06157		0.772233	1.800043	1.24993	0.700512	0.742991	-1.34591	0.681373	0.728084	-1.37347	0.807149	1.20682	1.20682	0.197907	1.85193	8.31786	1
cg21252522	KIAA0368 NF2;NF2;NF2;NF2;NF2;NF2;NF2;NF	0.987037	0.730276	0.91061	-1.09816	0.920715	0.975515	-1.0251	0.469548	1.22028	1.22028	0.726475	0.909349	-1.09969	0.765515	1.08429	1.08429		0.672617	0.891367	-1.12187	0.876193	1.04309	1.04309	0.610806	1.14898	1.14898	0.653274	1.13015	1.13015	0.197897	0.229456	1.03064	1
cg23082067	2	0.987065	0.83165	0.961937	-1.03957	0.775603	1.05348	1.05348	0.798066	0.949787	-1.05286	0.980408	1.00449	1.00449	0.63171	0.99201	1.09201		0.827534	1.04058	1.04058	0.505883	0.884222	-1.13094	0.521355	0.886266	-1.12579	0.633955	0.916126	-1.09155	0.197664	0.104078	0.4678	1
cg02006672	SLC25A46;SLC25A46	0.987069	?	?	?	?	0.826578	1.12637	0.53527	0.832708	-1.20148	0.721768	0.713972	1.07652	0.832208	1.0202	1.0202		?	?	?	?	0.695883	0.884224	-1.13094	0.521355	0.886266	-1.12579	0.633955	0.916126	-1.09155	0.197664	0.104078	0.4678	1
cg11790335	TFAP2D	0.987101	0.831375	0.875655	-1.142	0.977757	0.98279	-1.01751	0.713324	0.794711	-1.25832	0.310414	0.520189	-1.92238	0.52266	0.668021	1.49696		0.893396	0.919902	-1.08707	0.860465	1.11579	1.11579	0.681192	0.773189	-1.29335	0.836113	0.878985	-1.13768	0.197596	1.21344	5.4587	1
cg17436656	RARG	0.987108	0.764566	0.783639	-1.2761	0.859513	0.866052	-1.15466	0.542486	0.699256	-1.42996	0.641314	1.972	1.972	0.721541	0.747894	-1.33709		0.8589	0.865502	-1.1554	0.944753	1.05007	1.05007	0.935483	0.936395	-1.06793	0.708561	1.35635	1.35635	0.197563	0.26173	0.92625	1
cg03134871	LINK	0.987128	0.740859	0.800561	-1.25008	0.732852	0.815382	1.03182	0.475705	0.753725	-1.28979	0.622771	0.725315	-1.28979	0.622771	0.725315	1.37879		0.804818	1.09371	1.09371	0.910046	0.960028	-1.04164	0.59284	0.822985	-1.21509	0.598133	0.825321	-1.21165	0.197471	0.407439	1.83403	1
cg16178974	RPL22 TMEM50B;TMEM50B;TRFS1OB;TNFRF10B;TNF	0.987129	?	?	?	0.921289	0.912961	-1.09534	0.508685	1.85469	1.85469	0.817039	0.807737	-1.23803	0.957377	1.05048	1.05048		0.798699	1.26549	1.26549	0.389415	1.25386	1.25386	0.997476	0.99709	-1.00292	0.980309	1.023	1.023	0.180066	2.15192	11.9508	1
cg07177001	RSF1OB;TNFRSF10B	0.98713	0.932569	1.07291	1.07291	0.575855	0.624989	-1.60003	0.802688	0.812046	-1.23146	0.641233	1.47735	1.47735	0.676863	1.41697	1.41697		0.643905	1.47268	1.47268	0.956233	1.0467	1.0467	0.471289	1.83929	1.83929	0.712735	1.36005	1.36005	0.197459	2.16261	9.7353	1
cg05308517	PAK1	0.987158	0.819991	1.04601	1.04601	0.804722	1.0501	1.0501	0.737734	0.855176	-1.16908	0.746525	1.06775	1.06775	0.656846	1.09225	1.09225		0.635014	0.90955	-1.09956	0.814867	1.04738	1.04738	0.747302	0.935749	-1.06866	0.814576	1.04745	1.04745	0.197331	0.121711	0.548255	1
cg14200826	RTN2;RTN2	0.987159	0.864465	1.05115	1.05115	0.756131	0.926531	1.09531	0.739313	1.1026	1.1026	0.556958	0.840451	-1.18984	0.717158	1.11219	1.11219		0.808977	0.967143	-1.03397	0.457008	0.801022	-1.24841	0.838074	1.0616	1.0616	0.781388	1.08469	1.08469	0.197358	0.254454	1.02886	1
cg02559423	PRKCD;PRKCD	0.98717	0.92931	0.974152	-1.02653	0.402322	1.28785	1.28785	0.42853	1.26932	1.26932	0.790949	1.08157	1.08157	0.769599	0.916966	-1.09055		0.885438	1.04347	1.04347	0.960719	1.00344	1.00344	0.814988	0.933157	-1.07163	0.924661	1.02831	1.02831	0.197273	0.272164	1.22634	1
cg18771653	C1orf86;C1orf86;LOC100128003	0.987175	0.664085	1.04625	1.04625	0.812268	0.921421	1.09599	0.586823	0.608922	-1.64225	0.881263	0.856516	-1.16705	0.856516	1.16745	1.16745		0.468076	1.24929	1.24929	0.394945	1.28054	1.28054	0.859531	1.17368	1.17368	0.667184	1.4786	1.4786	0.197263	0.687644	2.9786	1
cg18928153	PAX5	0.987178	0.604797	0.567682	-1.76155	0.575111	0.541068	-1.84819	0.702626	1.5159	1.5159	0.563693	0.612772	-1.63193	0.951152	1.0687	1.0687		0.858216	1.06628	1.06628	0.990664	1.01277	1.01277	0.495493	1.21825	1.21825	0.79134	1.33319	1.33319	0.197234	3.67413	16.5584	1
cg08721840	RUSC1;RUSC1;C1orf104;RUSC1;RUSC1	0.987186	0.503829	0.644771	-1.55166	0.957096	0.965759	-1.03546	0.65382	0.746513	-1.33956	0.683706	1.29905	1.29905	0.892821	1.09123	1.09123		0.802781	1.75993	1.75993	0.348108	1.00942	1.00942	0.908208	1.03232	1.03232	0.440104	0.600559	-1.66512	0.197198	1.30989	5.90445	1
cg07232033	AGAP1;AGAP1;AGAP1;AGAP1	0.987195	0.857362	1.03099	1.03099	0.54627	1.10913	1.10913	0.512268	1.11933	1.11933	0.928963	1.01524	1.01524	0.53497	1.11247	1.11247		0.605013	0.935349	-1.06912	0.655875	0.926744	-1.07905	0.925235	1.01605	1.01605	0.988963	1.00235	1.00235	0.197152	0.089808	0.40506	1
cg19362312	ZBTB9	0.987236	0.806256	1.07202	1.07202	0.711459	0.979403	-1.02103	0.800297	1.0628	1.0628	0.545394	1.31009	1.31009	0.479744	1.20921	1.20921		0.382544	1.48474	1.48474	0.309854	0.842845	-1.18646	0.987941	0.993332	1.00956	0.980696	1.20956	1.20956	0.196496	0.607639	2.74231	1
cg13619852	TEX9	0.987247	0.446048	1.18066	1.18066	0.827774	0.846595	-1.1812	0.612789	1.47709	1.47709	0.708525	1.33247	1.33247	0.865104	0.878132	1.13878		0.684999	1.36576	1.36576	0.789241	0.814836	-1.22724	0.735726	0.771881	-1.29554	0.756485	0.788398	1.2684	1.2684	0.196906	1.82186	8.22437	1
cg19026579	FBXL2	0.987272	0.688737	0.749293	-1.33411	0.715508	0.844274	1.18439	0.612729	1.16609	1.16609	0.857736	0.934324	-1.08187	0.661284	0.887502	1.12708		0.976559	0.983853	-1.00758	0.904748	0.986686	-1.01042	0.888439	0.981849	1.01828	0.949149	1.01828	1.01828	0.196849	0.196849	0.88251	1
cg16994880	PCK1	0.987282	0.881864	1.09611	1.09612	0.909165	0.931984	-1.07298	0.720065	0.808835	-1.2487	0.522805	1.49141	1.49141	0.449593	1.60885	1.60885		0.870374	1.10605	1.10605	0.696258	1.27396	1.27396	0.932175	0.94882	-1.05394	0.656284	0.758469	-1.31844	0.196743	1.18691	5.36245	1
cg17352468	TRIM27	0.987291	0.636214	0.930013	-1.07525	0.440284	1.12732	1.12732	0.732911	1.05565	1.05565	0.984011	1.00306	1.00306	0.940505	1.1103	1.1103		0.646062	1.07295	1.07295	0.897492	0.980587	-1.0198	0.898538	1.01962	1.01962	0.990618	1.02724	1.02724	0.196698	0.072407	0.326459	1
cg03002695	ZNF440	0.987296	0.490387	1.1796	1.1796	0.912168	0.910661	-1.09864	0.755744	1.34241	1.34241	0.447724	1.33133	1.33133	0.842821	1.18341	1.18341	1.18048	0.907965	1.0796	1.0796	0.721	0.914486	0.683818	1.46238	0.852576	0.988598	-1.16823	0.93472	0.9382	2.17405	9.83513	1
cg06449863	GINS1	0.98733	0.776041	1.08611	1.08611	0.469718	1.23739	1.23739	0.624905	1.15339	1.15339	0.851988	0.947342	-1.05558	0.767669	0.917778	-1.08959		0.639214	0.87219	-1.14654	0.551539	1.19061	1.19061	0.970764	1.01067	1.01067	0.999708	0.999894	-1.00011	0.196516	0.261055	1.18082	1
cg13826154	MAPK4	0.987314	0.900319	1.02719	1.02719	0.915765	0.96545	-1.03546	0.807183	1.07183	1.07183	0.915318	0.982355	-1.01795	0.905533	1.11972	1.11972		0.889215	1.02353	1.02353	0.980429	1.00416	1.00416	0.917405	1.03947	1.03947	0.986228	1.00289	1.00289	0.196465	0.087703	0.394394	1
cg13889422	SLC44A3;SLC4A3	0.98737	0.532317	0.68874	1.45284	0.711862	0.756642	-1.32163	0.957151	0.960418	-1.04121	0.67588	0.729015	-1.37171	0.896595	0.906887	1.10267		0.409931	0.530767	-1.88407	0.871776	1.1291	1.1291	0.862081	1.13963	1.13963	0.815483	1.11448	1.11448	0.196324	1.75682	7.95429	1
cg27387956	DSCAM	0.987393	0.994951	1.00282	1.00282	0.626613	1.24382	1.24382	0.675303	1.20621	1.20621	0.474501	1.38221	1.38221	0.88783	0.939124	-1.06482		0.469619	1.38734	1.38734	0.650912	1.22473	1.22473	0.986633	1.00748	1.00748	0.755831	0.870386	-1.14891	0.196214	0.615469	2.78821	1
cg10007743	SPIS1B;SPIS1B	0.987413	0.8611	1.03172	1.03172	1.00954	0.924435	-1.14834	0.644	1.18285	1.18285	0.495499	1.32581	1.32581	0.847745	1.16878	1.16878	1.11303	0.709623	1.0597	1.0597	0.978316	1.06662	1.06662	0.964564	1.04061	1.04061	1.04451	1.04451	0.196152	0.147502	0.668534	1
cg05173789	RPLP0;RPLP0	0.987415	0.84847	0.938666	-1.06534	0.796083	0.917877	-1.08947	0.677352	0.870701	-1.1485	0.989056	0.995472	-1.00455	0.741047	0.896071	-1.11598		0.857687	0.942335	-1.06119	0.572171	0.827891	-1.20789	0.732833	0.892811	-1.12006	0.399523	1.33027	1.33027	0.196108	0.340076	1.54144	1
cg03898653	CBLN1	0.987429	0.931879	0.97563	-1.03161	0.902215	0.919999	-1.08697	0.737267	0.91637	-1.09091	0.869	0.93699	-1.06769	0.877564	0.959134	-1.04262		0.861802	1.05819	1.05819	0.912367	0.964898	-1.03638

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg04185861	ILSR;ILSR;ILSR;ILSR	0.7841	0.7516451	-1.4052	0.64786	1.7686	0.686788	1.65304	1.65304	0.638788	0.5564435	-1.79716	0.862647	0.806773	-1.23951	0.560287	0.481793	-2.07558	0.4940051	0.422688	-2.36581	0.964779	1.05628	1.00319	0.18855	4.61554	21.6445	1
cg18123319	ADAMTS3	0.9881	0.988765	0.930692	0.884158	-1.13102	0.977434	1.04084	1.04084	0.861782	0.78897	-1.26748	0.377593	3.60158	3.60158	0.500356	2.63318	2.63318	0.6589098	1.87491	1.87491	0.648963	1.92055	1.92055	0.986878	0.976992	-1.02355	0.833421	1.34727	1.34727	0.189744	0.01045	28.2009	1
cg12352399	TOP2B	0.9882	0.8882	0.501601	1.50763	1.50763	0.442201	1.60268	1.60268	0.697799	1.26475	1.26475	0.806794	1.15893	1.15893	0.958588	1.03175	1.03175	0.685448	1.27777	1.27777	0.914691	1.06663	1.06663	0.63731	0.751368	-1.33091	0.770921	1.19213	1.19213	0.189116	1.08552	5.10098	1
cg03456212	SAAP2	0.9883	0.884026	1.02949	1.02949	0.651005	1.09491	1.09491	0.907938	1.02331	1.02331	0.883295	1.00448	1.00448	1.00448	0.717509	0.929746	-1.07556	0.334819	2.8203	-1.21907	0.883323	1.02863	1.02863	0.831443	0.958436	-1.04337	0.816446	0.95475	0.954475	0.189148	0.118816	0.558367	1
cg08441806	NKX6-2	0.9888	0.888833	0.919746	0.949301	-1.05341	0.987228	0.99177	-1.0083	0.846999	1.10491	1.10491	0.746019	0.845538	-1.18268	0.873602	0.921149	-1.0856	0.77125	0.860272	-1.16242	0.736742	0.840138	-1.19028	0.608173	1.306	1.306	0.38256	1.58773	1.58773	0.189103	0.798257	3.75226	1
cg15143268	TRIO	0.9888	0.8887	0.849341	1.2157	1.2157	0.667868	1.53128	1.53128	0.371768	2.47256	2.47256	0.958038	1.05331	1.05331	0.705673	0.687601	-1.45433	0.915707	0.900764	-1.11017	0.934173	1.08496	1.08496	0.581909	1.73542	1.73542	0.697853	1.46077	1.46077	0.188024	2.91569	13.7184	1
cg05264587	PPM1E	0.9888	0.888884	0.772742	1.0726	1.0726	0.816209	0.945206	-1.05797	0.697158	1.09928	1.09928	0.566505	1.15055	1.15055	0.683658	1.10424	1.10424	0.604914	0.881331	-1.13465	0.554052	0.865133	-1.15589	0.876203	1.03846	1.03846	0.997459	1.00077	1.00077	0.188836	0.175216	0.824775	1
cg16559445	FIBP;FIBP;FIBP;FIBP	0.9888	0.8888	0.809211	-1.2121	-1.2121	0.67835	1.08157	1.08157	1.46756	1.08586	2.18612	2.18612	0.715571	1.38955	1.38955	0.829239	1.2165	1.2165	0.757261	1.12142	1.12142	0.963955	1.03691	1.03691	0.979889	1.28641	1.28641	0.576245	1.66014	1.66014	0.188796	2.41643	11.3771	1
cg04080575	NDRG4;NDRG4;NDRG4	0.9887	0.97988	0.99173	1.00834	0.691801	1.18607	1.18607	0.881652	0.952341	-1.05004	0.940179	0.975699	-1.02491	0.771136	1.10033	1.10033	0.42134	0.763945	-1.309	0.960384	0.95885	-1.01642	0.620927	1.17751	1.17751	0.705876	1.13233	1.13233	0.188721	0.321147	1.51263	1
cg12529098	MTCH1	0.9889	0.88914	0.977178	1.01115	1.01115	0.663773	1.18482	1.18482	0.539977	1.27197	1.27197	0.411146	1.38521	1.38521	0.821451	1.0916	1.0916	0.481893	1.31936	1.31936	0.900958	1.04946	1.04946	0.972224	1.01359	1.01359	0.603917	1.22497	1.22497	0.188683	0.449235	2.11635	1
cg12445416	ROCK2	0.9889	0.8893	0.867844	1.0945	1.0945	0.736784	1.16584	1.16584	0.752916	1.10449	1.10449	0.844368	1.30081	1.30081	0.894523	1.06509	1.06509	0.708178	1.28836	1.28836	0.844186	1.17797	1.17797	?	?	0.814582	1.02873	1.07674	0.171376	0.238953	1.39432	1
cg03854346	UOX	0.9889	0.88443	0.864954	-1.14975	0.734182	0.807269	-1.23874	0.979203	1.01644	1.01644	0.916477	1.07295	0.751612	0.81917	-1.22075	0.493714	1.54743	0.922003	1.06345	1.06345	0.934902	0.94098	-1.05265	0.41399	0.591811	-1.68973	0.838534	1.17821	1.17821	0.188594	0.321147	1.51263	1
cg18895476	TPST2;TPST2	0.9889	0.88944	0.732933	0.851145	-1.21191	0.925949	0.951049	1.06147	0.723492	1.21147	1.21147	0.750189	0.841683	-1.1881	0.820642	1.19044	1.19044	0.716952	1.12032	1.12032	0.650269	1.27879	1.27879	0.619943	1.30985	1.30985	0.514443	0.699822	-1.42893	0.885128	0.870352	4.10361	1
cg08165361	KIAA0146	0.9889	0.918469	1.05703	1.05703	0.821653	1.13009	1.13009	0.969277	1.02108	1.02108	1.02108	0.975005	1.01712	1.01712	0.441746	0.653849	-1.5294	0.761073	1.17962	1.17962	0.496093	0.689343	-1.45056	0.819323	1.13193	1.13193	0.664168	0.789293	-1.26696	0.188474	0.875781	4.1304	1
cg16767968	SCARNA16;C17orf86	0.9889	0.88965	0.545636	1.43852	1.43852	0.526542	1.46449	1.46449	0.721633	1.237	1.237	0.999427	0.999573	-1.00043	0.898759	0.927116	-1.07861	0.641778	0.756883	-1.32121	0.653164	0.764181	-1.30833	0.884201	0.86164	-1.16058	0.862777	1.10833	1.10833	0.188419	1.05481	4.9762	1
cg08747717	PAPOLN;PAPOS	0.9889	0.8886	0.616049	1.18215	1.18215	0.83086	1.07136	1.07136	0.473418	1.27453	1.27453	0.627527	0.850588	-1.17656	0.830113	0.931157	-1.0737	0.760758	1.10626	1.10626	0.671964	1.15139	1.15139	0.670819	1.152	1.152	0.707089	1.13308	1.13308	0.188417	0.328284	1.54208	1
cg07420961	NPHP4	0.9889	0.88978	0.747784	1.11289	1.11289	0.47925	1.26927	1.26927	0.562531	1.21421	1.21421	0.827108	0.9300552	-1.07521	0.956101	1.01842	1.01842	0.78024	0.911444	-1.09716	0.903792	0.960706	-1.0409	0.606989	0.841975	-1.18768	0.805308	0.921392	-1.08531	0.188353	0.327846	1.54719	1
ch.16.17113237	CFDP1	0.9889	0.88984	0.469804	0.640468	-2.47238	0.886524	0.838811	-1.19216	0.566212	0.475139	2.137	0.999427	0.999573	-1.00043	0.898759	0.927116	-1.07861	0.641778	0.756883	-1.32121	0.653164	0.764181	-1.30833	0.884201	0.86164	-1.16058	0.862777	1.10833	1.10833	0.188419	1.05481	4.9762	1
cg20397086	SIRT7	0.9889	0.88994	0.916796	1.30169	1.30169	0.73418	1.8368	1.8368	-1.19497	0.756223	0.849808	0.117674	0.517173	1.40945	1.40945	?	?	0.997603	1.00157	1.00157	0.676616	0.803154	-1.24505	0.915351	0.887428	-1.12685	0.863709	1.00594	1.00594	0.709889	0.657454	3.845	1
cg16862319	GRIN2B	0.9889	0.89039	0.497513	1.74218	1.74218	0.837912	1.1795	1.1795	0.609291	0.660031	-1.51508	0.568537	1.59123	1.59123	0.834891	1.1832	1.1832	0.738076	1.31062	1.31062	0.681383	1.39479	1.39479	0.569555	1.58925	1.58925	0.762339	1.27693	1.27693	0.188035	1.934666	9.14559	1
cg11653944	ZNF547;TRAPPC2P1	0.9890	0.8904	0.869091	1.20441	1.20441	0.67335	1.08157	1.08157	-1.46756	0.965586	2.18612	2.18612	0.715571	1.38955	1.38955	0.829239	1.2165	1.2165	0.757261	1.12142	1.12142	0.963955	1.03691	1.03691	0.979889	1.28641	1.28641	0.576245	1.66014	1.66014	0.188796	2.41643	11.3771	1
cg01173344	CANK;CANX	0.9890	0.89104	0.791748	1.54111	1.54111	0.706995	0.539468	-1.85368	0.942492	1.12528	1.12528	0.972899	0.916642	1.09174	1.09174	0.997603	1.00157	1.00157	0.676616	0.803154	-1.24505	0.915351	0.887428	-1.12685	0.863709	1.00594	1.00594	0.709889	0.657454	3.845	1
cg01307551	MARS;MARS	0.9890	0.89106	0.431014	1.76622	1.76622	0.805112	1.45196	1.45196	0.95939	1.09339	1.09339	0.953656	0.959703	-1.04199	0.552016	0.653221	-1.53088	0.96802	0.972888	-1.02787	0.950672	0.957150	-1.04476	0.784355	0.794263	-1.26141	0.874404	0.894084	-1.11846	0.188001	0.491456	7.05181	1
cg02652768	DDAH2	0.9890	0.89082	?	?	?	0.69102	1.53139	1.53139	0.904093	0.87942	-1.13711	?	?	?	?	?	?	?	?	?	0.9544	1.06285	1.06285	0.815039	0.778923	-1.28382	0.0699968	0.547994	13.7005	1
cg14598877	PPP3R2;PPP3R2;POFUT2;POFUT2	0.9890	0.89083	0.720026	0.812063	-1.23143	0.863367	0.905175	-1.10476	0.878445	0.915282	-1.09256	0.650213	0.767934	-1.30219	0.758988	0.836944	-1.19482	0.636585	0.759358	-1.3169	0.939671	1.64838	0.60698	0.892035	0.924455	-1.08172	0.790886	0.857518	-1.16616	0.187808	0.995114	4.70984	1
cg10597918	DHX37	0.9891	0.89133	0.63063	1.59235	1.59235	0.814621	1.24798	1.24798	0.882805	1.149005	1.149005	0.491863	1.63204	1.63204	0.633469	1.5811	1.5811	0.697542	1.17004	1.17004	0.664414	1.00194	1.00194	0.992218	0.967514	1.17025	1.17025	0.847518	1.15577	1.15577	0.958227	0.966216	-1.03497	0.720066	0.789687	-1.26632	0.187559	1.27885	0.26079	1
cg01931775	SPATA6	0.9891	0.89142	0.973128	1.00543	1.00543	0.902242	1.01996	1.01996	0.839176	0.967844	-1.03322	0.990117	1.00199	1.00199	0.989756	1.00207	1.00207	0.586191	0.915384	-1.09244	0.943598	1.01145	1.01145	0.780612	1.04593	1.04593	0.328247	1.17623	1.17623	0.187503	0.07682728	0.364214	1
cg06464884	DDX10	0.9891	0.89163	1.04094	1.08094	1.08094	0.923022	0.682693	-1.46479	0.86208	1.11223	1.11223	0.917387	1.28197	0.801583	0.65668	0.891158	1.1123	1.1123	0.662315	1.12646	1.12646	0.888384	1.00888	0.717606	1.17569	1.17569	0.743493	0.589733	1.27587	1							
cg11804335	CAMK1G	0.9891	0.89176	0.797356	0.864993	-1.15814	0.709755	0.71594	-1.32989	0.917255	0.940508	-1.05811	0.886373	0.925234	-1.08081	0.412747	0.634368	1.57637	0.792661	0.866602	-1.15393	0.590055	0.744082	-1.34394	0.957408	0.971411	-1.02943	0.614568	1.3178	1.3178	0.187426	0.876819	4.15841	1
cg06499344	ARAP1	0.9891	0.89176	0.79438	0.863451	-1.15814	0.479735	1.49757	1.49757	0.837237	1.12258	1.12258	0.454375	1.53475	1.53475	0.638193	1.30504	1.30504	0.842424	0.89415	-1.11838	0.95932	0.971735	-1.02909	0.799296	0.866568	-1.15398	0.91204	1.06408	1.06408	0.187321	0.937398	4.4482	1
cg01977934	SHANK2;SHANK2	0.9891	0.89192	0.704165	1.37794	1.37794	0.692053	1.39093	1.39093	0.83005	1.50358	1.50358	0.68749	1.44742	1.44742	0.647911	1.38232	1.38232	0.702807	1.2476	1.2476	0.724153	1.07153	1.07153	0.492617	1.79612	1.79612	0.528014	1.72775	1.72775	0.187205	0.249431	0.884297	1
cg17506056	DCAF8;DCAF8;DCAF8;DCAF8;DC AF8	0.9892	0.889214	0.881592	1.13197	1.13197	0.984811	0.984292	-1.01596	0.838259	1.18529	1.18529	0.749988	0.766525	-1.30459	0.907128	0.907652	1.10174	0.916522	0.916495	-1.09111	0.926219	0.925859	-1.08008	0.299294	2.44656	2.44656	0.708916	1.366	1.366	0.187124	2.04996	9.73788	1
cg17356532	SPCS2;XRRA1	0.9892	0.89235	0.728667	0.894313	-1.11818	0.946426	0.978676	-1.02179	0.638072	1.16413	1.16413	0.986963	1.00525	1.00525	0.411428	0.763846	-1.30916	0.665152	0.869644	-1.1499	0.836544	0.935885	-1.06851	0.823518	0.930861	-1.07427	0.683749	1.14038	1.14038	0.187016	0.3047	1.44832	1
cg07237946	KIAA0907	0.9892	0.89271	0.41524	0.795478	-1.25711	0.526101	0.838193	-1.19304	0.529319	0.839373	-1.19137	0.898675	0.965602	-1.03562	0.879479	0.959166	-1.04257	0.967136	0.988743	-1.01138	0.801006	0.93296	-1.07186	0.910771	0.969667	-1.03128	0.725607	1.10166	1.10166	0.188265	0.223385	1.06283	1
cg06848494	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.9892	0.89272	0.599858	0.779137	-1.28347	0.703555	0.835063	-1.19751	0.841224	0.909769	-1.09918	0.817051	1.11544	1.11544	0.962161	0.977881	-1.02262	0.926919	1.0442	1.0442	0.661844	0.81262	-1.23059	0.584868	1.29704	1.29704	0.535821	1.34393	1.34393	0.186819	0.657673	3.12922	1
cg01251470	SCRN1;SCRN1;SCRN1;SCRN1	0.9892	0.89284	0.598283	1.67381	1.67381	0.749408	0.837357	-1.19353	0.564834	1.04039	1.04039	0.846706	1.13793	1.13793	0.565282	1.18218	1.18218	0.722722	1.11168	1.11168	0.654881	0.96255	1.04222	1.04222	0.881987	0.904951	-1.10503	0.607062	1.2832	1.2832	0.188535	0.682054	4.25302	1
cg14644262	PPP3R2C	0.9893	0.89317	0.838473	-1.19208	0.889876	-1.12755	1.12755	0.563653	0.602987	-1.65841	0.908574	1.10467	1.10467	0.683622	0.70114	-1.42625	0.592594	1.59685	0.524482	0.520257	-1.7536	0.641992	0.666498	-1.50038	0.760893	0.772911	-1.29381	0.186393	0.216666	10.5711	1
cg10593232	SPNS3	0.9893	0.89346	0.491746	0.815947	-1.22587	0.762672	1.14067	1.14067	0.877051	0.86716	-1.15319	0.494579	0.754187	-1.32593	0.597564	0.682228	-1.46548	0.751292	0.926444	-1.07939	0.784518	1.15577	1.15577	0.958227	0.966216	-1.03497	0.720066	0.789687	-1.26632	0.187559	1.27885	0.26079	1
cg14279997	BICD2;BICD2	0.9893	0.89379	0.651444	1.13776	1.13776	0.74137	1.09855	1.09855	0.762775	1.08971	1.08971	0.913311	1.03139	1.03139	0.84203	0.944325	-1.05896	0.905808	1.03416	1.03416	0.657668	1.13493	1.13493	0.657258	0.880971	-1.13511	0.393603	1.28146	1.28146	0.186257	0.237584	1.13384	1
cg07731746	LRP6;LRP6	0.9893	0.89387	0.24947	0.81881	3.68353	0.743845	1.14159	1.14159	0.459459	0.909469	1.09982	0.811158	1.28197	0.801583	0.65668	0.891158	1.1123	1.1123	0.662315	1.12646	1.12646	0.888384	1.00888	0.717606	1.17569	1.17569	0.743493	0.589733	1.27587	1							
cg18804335	CAMK1G	0.9893	0.89391	0.792356	0.864993	-1.15814	0.709755	0.71594	-1.32989	0.917255	0.940508	-1.05811	0.886373	0.925234	-1.08081	0.412747	0.634368	1.57637	0.792661	0.866602	-1.15393	0.590055	0.744082	-1.34394	0.957408	0.971411	-1.02943	0.614568	1.3178	1.3178	0.187426	0.876819	4.15841	1
cg06493144	ARAP1	0.9893	0.89416	0.79438	0.863451	-1.15814	0.479735	1.49757	1.49757	0.837237	1.12258	1.12258	0.454375	1.53475	1.53475	0.638193	1.30504	1.30504	0.842424	0.89415	-1.11838	0.95932	0.971735	-1.02909	0.799296	0.866568	-1.15398	0.91204	1.06408	1.06408	0.187321	0.937398	4.4482	1
cg01977934	SHANK2;SHANK2 DCAF8;DCAF8;DCAF8;DCAF8;DC AF8	0.9893	0.89192	0.704165	1.37794	1.37794	0.692053	1.39093	1.39093	0.83005	1.50358	1.50358	0.68749	1.44742	1.44742	0.647911	1.38232	1.38232	0.702807	1.2476	1.2476	0.724153	1.07153	1.07153	0.492617	1.79612	1.79612	0.528014	1.72775	1.72775	0.187205	0.249431	0.884297	1
cg17506056	AF8	0.9893	0.89214	0.881592	1.13197	1.13197	0.984811	0.984292	-1.01596	0.838259	1.18529	1.18529	0.749988	0.766525	-1.30459	0.907128	0.907652	1.10174	0.916522	0.916495	-1.09111	0.926219	0.925859	-1.08008	0.299294	2.44656	2.44656	0.708916	1.366	1.366	0.187124	2.04996	9.73788	1
cg17356532	SPCS2;XRRA1	0.9893	0.89235	0.728667	0.894313	-1.11818	0.946426	0.978676	-1.02179	0.638072	1.16413	1.16413	0.986963	1.00525	1.00525	0.411428	0.763846	-1.30916	0.665152	0.869644	-1.1499	0.836544	0.935885	-1.06851	0.823518	0.930861	-1.07427	0.683749	1.14038	1.14038	0.187016	0.304715	1.44832	1
cg07237946	KIAA0907	0.9893	0.89271	0.41524	0.795478	-1.25711	0.526101	0.838193	-1.19304	0.529319	0.839373	-1.19137	0.898675	0.965602	-1.03562	0.879479	0.959166	-1.04257	0.967136	0.988743	-1.01138	0.801006	0.93296	-1.07186	0.910771	0.969667	-1.03128	0.725607	1.10166	1.10166	0.188265	0.223385	1.06283	1
cg06848494	DCLRE1C;DCLRE1C;DCLRE1C;DCLRE1C	0.9893	0.89272	0.599858	0.779137	-1.28347	0.703555	0.835063	-1.19751	0.841224	0.909769	-1.09918	0.817051	1.11544	1.11544	0.962161	0.977881	-1.02262	0.926919	1.0442	1.0442	0.661844	0.81262	-1.23059	0.584868	1.29704	1.29704	0.535821	1.34393	1.34393	0.186819	0.657673	3.12922	1
cg01251470	SCRN1;SCRN1;SCRN1;SCRN1	0.9892	0.89284	0.598283	1.67381	1.67381	0.749408	0.837357	-1.19353	0.564834	1.04039	1.04039	0.846706	1.13793	1.13793	0.565282	1.18218	1.18218	0.722722	1.11168	1.11168	0.654881	0.96255	1.04222	1.04222	0.881987	0.904951	-1.10503	0.607062	1.2832	1.2832	0.188535	0.682054	4.25302	1
cg14644262	PPP3R2C	0.9893	0.89317	0.838473	-1.19208	0.889876	-1.12755	1.12755	0.563653	0.602987	-1.65841	0.908574	1.10467	1.10467	0.683622	0.70114	-1.42625	0.592594	1.59685	0.524482	0.520257	-1.7536	0.641992	0.666498	-1.50038	0.760893	0.772911	-1.29381	0.186393	0.216666	10.5711	1
cg10593232	SPNS3	0.9893	0.89346	0.491746	0.815947	-1.22587	0.762672	1.14067	1.14067	0.877051	0.86716	-1.15319	0.494579	0.754187	-1.32593	0.597564	0.682228	-1.46548	0.751292	0.926444	-1.07939	0.784518	1.15577	1.15577	0.958227	0.966216	-1.03497	0.720066	0.789687	-1.26632	0.187559	1.27885	0.26079	1
cg04279997	BICD2;BICD2	0.9893	0.89379	0.651444	1.13776	1.13776	0.74137	1.09855	1.09855	0.762775	1.08971	1.08971	0.913311	1.03139	1.03139	0.84203	0.944325	-1.05896	0.905808	1.03416	1.03416	0.657668	1.13493	1.13493	0.657258	0.880971	-1.13511	0.393603	1.28146	1.28146	0.186257	0.237584	1.13384	1
cg07731746	LRP6;LRP6	0.9893	0.89387	0.24947	0.81881	3.68353	0.743845	1.14159	1.14159	0.459459	0.909469	1.09982	0.811158	1.28197	0.801583	0.65668	0.891158	1.1123	1.1123	0.662315	1.12646	1.12646	0.888384	1.00888	0.717606	1.17569	1.17569	0.743493	0.589733	1.27587	1							
cg02629205	ZFYVE28	0.9893	0.89391	0.928041	0.964094	-1.03734	0.593446	1.24383	1.24383	0.52825	1.24376	1.24376	0.89776	0.914477	1.09357	1.09357	0.792356	0.860716	0.857399	1.16632	1.16632	0.662844	0.782674	1.20662	0.583553	1.29702	1.29702	0.552132	0.586192	0.883263	1.20372	1.20372	0.186192	0.883263	1.20372	1
cg05725080	ADSS;ADSS	0.9893	0.89418	0.455957	0.514272	-1.9445	0.874699	0.870914	-1.14822	0.92662	0.922492	-1.08402	0.933726	1.07556	1.07556	0.712563	0.723189	-1.38276	0.838589	0.836414	-1.19558	0.42463	0.48862	-2.0424	0.990583	1.01039	1.01039	0.693054	1.41545	1.41545	0.186052	0.26022	10.7985	1
cg02571725	SPSB1;NUBP2	0.9893	0.89419	0.598243	0.708323	-1.07353	0.854822	0.894723	-1.02646	0.833647	0.98548	1.1662	0.75545	0.953242	-1.04955	0.901798	0.910798	1.09848	0.894543	1.00297	1.00297	0.709493	1.16192	1.16192	0.920162	0.98049	-1.0155	0.8715	0.975494	1.02512	1.08545	0.188968	0.33071	3.03073	1
cg18004996	IRX4	0.9893	0.89441	0.560384	0.569614	-1.75557	0.957748	0.950618	-1.05195	0.83339	1.22305	1.22305	0.538916	0.551155	-1.81437	0.594475	0.598332	-1.67131	0.617278	0.617811	-1.61862	0.974032	1.0316	1.0316	0.684354	1.47799	1.47799	0.848296	1.20088	1.20088	0.185396	2.68281	12.8629	1
ch.6.775158	SIX2L	0.9893	0.89542	0.440753	1.44052	1.44052	0.591356	0.649808	-1.53875	0.618379	1.49087	1.49087	?	?	?	?	?	?	0.919663	0.92201	-1.08353	0.960935	0.969908	-1.03103	0.857183	1.21498	1.21498	0.72849	1.31933	1.31933	0.14852	1.1595	8.90238	1
cg10507350	C2orf76;DBI;DBI;DBI;DBI	0.9894	0.89543	0.928904	0.84851	-1.18541	0.760272	1.32079	1.32079	0.732299	1.33195	1.33195	0.562092	1.70387	1.70387	0.874945	1.15395	1.15395	0.574617	0.597165	-1.67458	0.483627	0.623508	1.6044	0.623508	0.731313	1.12713	1.12713	0.98767	0.98605	-1.01415	0.185383	2.42676	11.2
cg11140785	ZNF264	0.9894	0.89556	0.999583	1.00056	1.00056	0.579335	1.83021	1.83021	0.886757	0.858635	-1.16464	?	?	?	?	?	?	0.51579	0.49421	-2.02343	0.742013	1.42381	1.42381	0.670465	0.664378	0.500605	0.770495	1.36736	1.36736	0.168209	2.70918	16.1061	1
cg06286431	LBA1;LBA1;LBA1	0.9894	0.89587	0.73597	1.2757	1.2757	0.643104	1.38183	1.38183	0.881817	0.727051	1.86716	1.15319	0.846579	0.754187	-1.32593	0.597564	1.24935	0.888394	1.05877	1.05877	0.683616	0.846491	-1.18135	0.995341	1.0499	1.0499	0.887027	1.05952	1.05952	0.185148	0.552511	3.1239	1
cg09975715	MYH10	0.9894	0.89591	0.359821	1.83809	1.83809	0.958971	1.03307	1.03307	0.955302	1.03691	1.03691	0.552779	1.47442	1.47442	0.658785	1.33288	1.33288	0.798705	1.17967	1.17967	0.678493	1.30933	1.30933	0.535783	1.49995	1.49995	0.796825	1.18154	1.18154	0.185134	1.32578	5.88536	1
cg08980021	TUFT1;TUFT1	0.9894	0.89597	0.654682	0.732533	1.36513	0.960294	0.77108	-1.02978	0.961605	1.03738	1.03738	0.746586	0.78099	-1.28043	0.701249	0.745367	-1.34162	0.848007	0.955328	-1.18016	0.991457	0.952015	-1.05107	0.855205	1.08

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(3477 vs. N)	Fold-Change(3477 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(3537 vs. N)	Fold-Change(3537 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error)
cg03525011	2NF83;2NF83;2NF83;2NF83;2NF83;2NF8	0.99107	0.774367	1.06584	0.9882	0.996725	-1.00329	0.619933	0.895023	-1.11729	0.625638	0.896666	-1.11524	0.932717	0.01891	1.01891	0.995129	0.998647	-1.00136	0.744913	1.07352	1.07352	0.422558	1.19929	1.19929	0.96447	0.990167	-1.00993	0.176835	0.137823	0.692791	1
cg07469838	3CL11A;8CL11A;8CL11A	0.991071	0.637843	1.33564	1.33564	0.726887	1.23867	1.23867	0.693896	0.785489	-1.27309	0.702941	1.26349	1.26349	0.730768	1.23472	1.23472		0.503098	1.51408	1.51408	0.976226	1.01836	1.01836	0.613952	1.36408	1.36408	0.761962	0.830274	-1.20375	0.176831	1.04347	5.24533	1
cg07473544	EIF5IC	0.991081	0.480047	2.41146	2.41146	0.985406	1.02262	1.02262	0.955886	1.06998	1.06998	0.487974	1.2722	1.2722	0.812671	1.337	1.337		0.504252	1.29485	1.29485	0.845671	1.26919	1.26919	0.911855	0.873334	-1.14504	0.885822	0.838837	-1.19213	0.172118	3.99159	18.0374	1
cg07455799	PSD	0.991086	0.855502	1.11748	1.11748	0.837108	0.88211	-1.13365	0.48747	0.650611	-1.53702	0.563398	1.42753	1.42753	0.952691	0.75879	-1.31789		0.924409	0.943814	-1.05953	0.890283	0.919339	-1.08774	0.652623	1.31796	1.31796	0.971479	0.978451	-1.02202	0.176738	1.03926	5.22688	1
cg06571753	SPARC	0.991101	0.704965	0.872184	-1.14655	0.940754	0.973631	-1.02708	0.931548	0.969586	-1.03137	0.689861	1.15506	1.15506	0.525781	0.706335	-1.41552		0.832699	1.07902	1.07902	0.942195	0.974266	-1.02641	0.537032	1.25198	1.25198	0.670783	0.857512	-1.16616	0.176653	0.361613	1.81957	1
cg12098183	WNT4	0.991114	0.705086	1.27534	1.27534	0.506835	1.53846	1.53846	0.550408	1.47176	1.47176	0.750734	1.22613	1.22613	0.873517	1.10728	1.10728		0.605854	1.39507	1.39507	0.426227	1.68151	1.68151	0.671239	1.31402	1.31402	0.679085	1.30488	1.30488	0.176573	1.14421	5.76009	1
cg25092681	11-Mar	0.991174	0.945948	0.959949	-1.04218	0.849944	0.948851	-1.0545	0.97855	1.01811	1.01811	7	?	?	0.669913	1.28463	1.28463		0.611181	1.34916	1.34916	0.959356	0.959161	-1.04231	0.591485	0.728725	-1.37226	0.584867	1.38021	1.38021	0.159562	0.765476	4.80338	1
cg13292458	RNMT;C18orf19;C18orf19	0.991177	0.722242	1.51629	1.51629	0.537596	2.0709	2.0709	0.750148	1.45152	1.45152	?	?	?	0.868014	1.21384	1.21384		?	?	?	?	?	?	0.780426	1.38531	1.38531	0.117565	1.68845	19.1492	1
cg00086334	GAUNS	0.991214	0.650695	1.17617	1.17617	0.493694	0.780806	-1.28073	0.871508	0.944007	-1.05931	0.759259	1.11563	1.11563	0.821661	0.922777	-1.08369		0.998613	1.00062	1.00062	0.505144	1.27216	1.27216	0.945265	1.02474	1.02474	0.889864	0.951875	-1.05056	0.175986	0.35319	1.78393	1
cg06820096	EXPH5	0.991242	0.90551	1.16526	1.16526	0.85627	1.16567	1.16567	0.883607	1.16324	1.16324	0.646071	2.63834	2.63834	7	?	?		0.654281	1.78705	1.78705	0.7	1.19192	1.19192	0.985167	1.02423	1.02423	0.957667	0.933916	-1.07076	0.13958	2.85221	23.3537	1
cg06078874	TTC13;ARV1;TTC13	0.991246	0.935433	0.971222	-1.02958	0.710148	0.878152	-1.13875	0.931358	0.960581	-1.03148	0.963799	0.958556	-1.04324	0.753969	0.893051	-1.11976		0.891265	0.951983	-1.05044	0.901747	0.54044	0.54044	0.432497	0.749621	-1.33401	0.499107	1.27998	1.27998	0.75795	0.360365	1.82214	1
cg17741791	DDX21	0.991258	0.642531	1.10813	1.10813	0.914557	0.976701	-1.02585	0.788985	0.942782	-1.06069	0.517942	0.865909	-1.15546	0.573555	0.882357	-1.13305		0.714456	0.924655	1.08406	0.981914	0.980917	-1.01945	0.787836	1.06319	1.06319	0.731345	1.07864	1.07864	0.175719	0.134276	0.679245	1
cg07789552	STK40	0.991305	0.74171	0.930967	-1.07415	0.430395	0.840444	-1.18985	0.552896	1.00206	1.00206	0.901641	0.97365	-1.02706	0.595044	1.12285	1.12285		0.711345	0.92286	-1.08359	0.915533	1.02318	1.02318	0.716295	0.924201	-1.08202	0.808418	1.05387	1.05387	0.175432	0.129603	0.656683	1
cg09154837	APLF;FBXO48	0.991335	0.812147	0.854413	-1.17039	0.984261	0.987048	-1.01112	0.901462	1.0853	1.0853	0.666273	1.13624	1.13624	0.486785	0.626905	-1.59514		0.754722	0.812925	-1.23013	0.524365	1.53168	1.53168	0.894926	0.916378	-1.09125	0.662677	1.33653	1.33653	0.175026	1.21229	6.14851	1
cg25932599	FGFRL1;FGFRL1;FGFRL1	0.991396	0.533466	1.24956	1.24956	0.81162	0.921138	-1.08561	0.991222	1.0309	1.0309	0.886325	0.994964	-1.00607	0.414336	1.34282	1.34282		0.997137	1.00127	1.00127	0.602639	1.20887	1.20887	0.842247	1.07268	1.07268	0.744893	0.945633	1.75666		
cg08228600	TBC1L;TBC1L	0.991449	0.901842	1.07266	1.07266	0.810732	0.872506	-1.14612	0.823069	1.13577	1.13577	0.666378	1.27963	1.27963	0.906054	0.935087	-1.06942		0.624397	1.32383	1.32383	0.35376	1.72009	1.72009	0.744963	1.20388	1.20388	0.968256	0.977632	-1.02288	0.174576	0.8935	4.54944	1
cg02300764	PEPD;PEPD;PEPD	0.991475	0.664559	1.61716	1.61716	0.937506	1.02334	-1.09023	0.704097	0.636786	-1.52256	0.735193	1.45355	1.45355	0.947294	0.929755	-1.07555		0.89404	0.863451	-1.15814	0.646139	1.66417	1.66417	0.529229	0.487682	-2.05052	0.643272	1.6722	1.6722	0.174416	3.35208	17.088	1
cg12836011	TLL1	0.991479	0.527944	0.932726	-1.07243	0.758821	1.2676	1.2676	0.917437	1.13676	1.13676	?	?	?	0.954402	0.958779	-1.04299		0.869102	1.13541	1.13541	0.720292	0.758169	-1.31897	0.59991	1.50309	1.50309	0.603993	0.620202	-1.61238	0.157582	1.31522	8.34629	1
cg02045239	MTPAP	0.991483	0.86287	1.18062	1.18062	0.974506	1.03117	1.03117	0.860354	0.844094	-1.1847	0.635534	1.58178	1.58178	0.723886	1.40588	1.40588		0.772645	0.757123	-1.32079	0.93491	0.924549	-1.08161	0.409491	0.44479	-2.24825	0.742238	1.37298	1.37298	0.174369	2.54744	12.9862	1
cg02585937	ARHGAP1;ARPC3	0.991485	0.877764	0.963657	-1.03795	0.937405	1.0155	-1.02035	0.805569	0.94272	-1.06076	0.628302	1.08987	1.08987	0.712355	0.959226	1.11781		0.602465	0.881889	-1.13391	0.842808	0.844203	0.844203	0.711985	0.882072	1.00178	0.882072	1.04247	1.04247	0.174357	0.159969	0.805344	1
cg21645164	CHFR;CHFR;CHFR;CHFR;CHFR	0.991498	?	?	?	0.936926	0.912665	-1.09569	0.725276	1.5029	1.5029	0.55128	2.00675	2.00675	0.987536	0.982124	-1.0182		0.470051	0.428017	-2.33636	0.996693	1.0048	1.0048	0.872096	0.830237	-1.20448	0.948026	1.07818	1.07818	0.157473	0.295575	18.77	1
cg00068070	RSPO2	0.991551	0.867044	1.26025	1.26025	0.748078	0.959196	1.55339	0.807322	1.40117	1.40117	0.825235	0.786903	-1.35703	0.753944	1.54608	1.54608		0.707539	0.587572	1.70163	0.93971	0.908844	-1.11007	0.580779	2.51339	2.51339	0.460426	2.82202	2.82202	0.174203	0.25789	26.829	1
cg18833182	LOC283922	0.991529	0.5696	0.894501	-1.11794	0.588505	1.11178	1.11178	0.874321	1.03118	1.03118	0.820648	0.956904	-1.04504	0.958995	0.990075	1.01002		0.582943	1.11358	1.11358	0.614235	0.906108	-1.10362	0.939128	0.985293	-1.01493	0.831879	1.0421	1.0421	0.174086	0.103764	0.529823	1
cg10927534	GNPDA1	0.991562	0.948683	1.01861	1.01861	0.601934	1.16274	1.16274	0.944864	1.04172	1.04172	0.763511	1.0903	1.0903	0.953526	1.05372	1.05372		0.845831	1.05736	1.05736	0.826856	0.939166	-1.06477	0.641148	0.874163	-1.14395	0.971803	1.02967	1.02967	0.174051	0.226067	1.1556	1
cg06341054	SPATA18	0.991562	0.533597	1.17251	1.17251	0.640972	0.837688	-1.19403	0.829244	1.13734	1.13734	0.824793	0.834104	-1.19881	0.955955	1.09537	1.09537		0.891763	0.932372	-1.07253	0.907168	0.920222	-1.08669	0.894883	1.01036	1.01036	0.729486	1.03705	1.03705	0.174047	0.144893	0.545633	1.75666	1
cg00059424	PES1	0.991579	0.745188	0.901206	-1.10962	0.74547	1.10949	1.10949	0.554468	1.21012	1.21012	0.50737	0.806906	-1.2393	0.976603	1.0094	1.0094		0.785807	1.09078	1.09078	0.690169	0.880016	-1.13634	0.976078	0.990481	-1.00961	0.801112	1.08385	1.08385	0.175784	0.280064	1.4325	1
cg12883204	CAPG2	0.991598	0.866751	0.960504	-1.04161	0.776293	0.924205	-1.08182	0.775005	0.903367	1.10637	1.10637	0.908637	0.991706	0.661288	1.07988	1.07988		0.876748	1.03542	1.03542	0.910844	0.938369	-1.06569	0.914313	0.991814	1.0042	1.0042	0.973781	0.979479	-1.02103	0.174076	0.123456	0.631478	1
cg14059428	CA10;CA10;CA10;CA10	0.99158	0.599191	0.843278	-1.18585	0.951648	1.01958	1.01958	0.932902	0.978973	1.02194	0.893921	0.958026	-1.04381	0.526348	0.813549	-1.22918		0.862554	0.945827	-1.05728	0.524469	0.863725	-1.24475	0.805641	1.08246	1.08246	0.775779	0.284334	1.45438		
cg04259326	RCSD1	0.991598	0.930776	0.95173	-1.05072	0.719404	1.22805	1.22805	0.546792	1.41515	1.41515	0.656993	1.28981	1.28981	0.775907	0.850005	-1.17646		0.920534	1.05847	1.05847	0.795781	0.8627	-1.15915	0.5134	1.45851	1.45851	0.622264	1.32679	1.32679	0.173867	0.891865	4.56481	1
cg13768304	DDX24;DDX24;IF27L1;IF27L1	0.991603	0.507386	1.07545	1.07545	0.538496	0.952632	-1.09466	0.797487	1.08238	1.08238	0.771731	0.810783	-1.23355	0.765183	1.11781	1.11781		0.602465	0.881889	-1.13391	0.842808	0.844203	0.844203	0.748203	0.945496	-1.05756	0.866792	-1.15372	0.878588	0.970253	-1.03066	0.173945	0.107733	0.549423	1
cg15870334	CRMP1	0.991613	0.638782	0.930084	-1.07517	0.717942	0.70518	0.95718	0.898851	0.980693	-1.01969	0.618462	0.925916	-1.08001	0.688214	0.940033	-1.06379		0.79145	0.960186	-1.04146	0.753404	0.957075	-1.04485	0.514907	1.10654	1.10654	0.969245	1.00593	1.00593	0.175575	0.064079	0.330862	1
cg21193251	LOC100289341;MAN1B1	0.991636	0.650996	0.874322	-1.14379	0.98684	1.7502	1.7502	0.958396	1.04599	1.04599	?	?	?	0.961093	1.03583	1.03583		0.875918	1.27684	1.27684	0.761404	0.581859	-1.71861	0.709859	1.55547	1.55547	0.817662	1.27663	1.27663	0.173863	0.272496	2.77086	1
cg18012815	NSUN6	0.991683	0.805339	1.09365	1.09365	0.895571	0.953505	-1.04876	0.797655	0.911061	-1.09762	0.767656	1.11339	1.11339	0.856358	1.0679	1.0679		0.861107	0.938481	-1.06555	0.660577	1.17375	1.17375	0.798696	1.09708	1.09708	0.344537	1.42331	1.42331	0.173149	0.360452	1.85044	1
cg07492251	DDX46	0.991704	0.411678	0.344433	-2.90332	0.812405	1.3524	1.3524	0.827677	1.31892	1.31892	0.888961	1.19408	1.19408	0.774703	1.43379	1.43379		0.79911	1.3824	1.3824	0.657818	0.567782	-1.76124	0.9304	0.895009	-1.11731	0.712055	1.60117	1.60117	0.173018	0.141804	22.6978	1
cg04622620	ZNF800;ZNF800	0.991714	0.653523	1.09485	1.09485	0.783736	1.03781	1.03781	0.98816	1.0203	1.0203	0.61077	2.00412	2.00412	7	?	?		0.612335	1.99791	1.99791	0.904844	1.38052	1.38052	?	0.914739	2.22254	25.8236		
cg27420520	ASCL1	0.991717	0.348166	1.99488	1.99488	0.359313	1.27383	1.27383	0.778936	1.22287	1.22287	0.932639	0.93291	-1.07191	0.606653	1.44963	1.44963		0.908265	1.0859	1.0859	0.57287	1.49566	1.49566	0.821734	1.1751	1.1751	0.99984	1.00014	1.00014	0.172941	1.40013	7.19644	1
cg09786702	CIB4	0.991767	0.776346	0.894109	-1.11859	0.732454	1.2344	1.2344	0.833729	0.98998	1.00998	0.815542	0.919315	-1.08777	0.624825	1.07164	1.07164		0.888092	1.00672	1.00672	0.976548	0.938874	-1.06521	0.774998	0.98784	-1.01237	0.757011	0.880915	-1.13545	0.770575	1.14954	1.14954	0.172907	0.183846	0.91968	1
cg19272154	ZNF366	0.991768	0.915462	1.06325	1.06325	0.543287	1.03709	-1.42655	0.458573	0.64668	-1.54636	0.945274	1.04045	1.04045	0.710515	0.806277	-1.24027		0.987671	1.991115	-1.00896	0.892998	0.925216	-1.08083	0.581285	0.724903	-1.3795	0.567418	0.716168	1.39632	0.172622	0.911976	4.69607	1
cg19148297	LDHA;LDHA;LDHA;LDHA;LDHA;LDHA	0.991784	0.475049	2.10851	2.10851	0.638768	1.62509	1.62509	0.962504	0.952868	-1.04946	0.633131	1.59094	1.59094	0.511762	1.98059	1.98059		0.721076	1.44508	1.44508	0.779381	0.749458	-1.3343	0.813435	1.2748	1.2748	0.718591	1.45008	1.45008	0.172524	2.88179	14.8477	1
cg00348551	C7orf50;C7orf50;C7orf50	0.991825	0.704169	0.89385	-1.11889	0.735405	1.21354	1.21354	0.833729	0.98998	1.00998	0.815542	0.919315	-1.08777	0.624825	1.07164	1.07164		0.888092	1.00672	1.00672	0.976548	0.938874	-1.06521	0.774998	0.98784	-1.01237	0.757011	0.880915	-1.13545	0.770575	1.14954	1.14954	0.172907	0.183846	0.91968	1
cg19272154	ZNF366	0.991768	0.915462	1.06325	1.06325	0.543287	1.03709	-1.42655	0.458573	0.64668	-1.54636	0.945274	1.04045	1.04045	0.710515	0.806277	-1.24027		0.987671	1.991115	-1.00896	0.892998	0.925216	-1.08083	0.581285	0.724903	-1.3795	0.567418	0.716168	1.39632	0.172622	0.911976	4.69607	1
cg18186360	C3CLAT1;C1;C1GALT1C1	0.991865	0.810064	0.76499	-1.30721	0.487465	0.454176	-2.19214	0.911941	0.884191	-1.13098	0.853931	1.22758	1.22758	0.709735	0.659332	1.51669		0.47119	0.442421	-2.26029	0.938348	0.917534	-1.08988	0.808439	0.763197	-1.31028	0.686544	1.57046	1.57046	0.172463	0.911976	4.69607	1
cg08798701	RPL32P3	0.991867	0.57856	1.67951	1.67951	0.675101	2.17173	2.17173	0.712183	0.832162	1.20162	0.581827	1.72	1.72	0.889442	0.878404	-1.13893		0.955717	1.05353	1.05353	0.842851	0.538111	-1.93009	0.731417	0.729818	-1.37393	0.683033	1.03583	1.03583	0.172386	0.240307	1.66277	1
cg02109652	CAT	0.991902	0.624391	0.790223	-1.26547	0.622478	1.26714	1.26714	0.849075	1.09515	1.09515	0.840787	0.908498	-1.10072	0.850333	0.913818	1.09431		0.972533	1.01656	1.01656	0.693841	0.827989	-1.20774	0.49403	0.717053	-1.39285	0.632639	0.794719	-1.25831	0.717786	0.619329	3.20445	1
cg01485051	C7orf50;C7orf50;C7orf50	0.991905	0.516977	0.582701	-1.71615	0.794555	1.03287	1.23807	0.731405	0.790485	-1.26525	0.559407	0.699345	-1.64111	0.618302	0.779851	1.28257		0.706931	0.644856	1.55073	0.822982	0.831429	-1.20275	0.938247	0.994021	-1.00604	0.947241	1.05577	1.24763	0.960798	0.960401	-1.04123	0.71776	0.183816	0.5128	1
cg18186360	C3CLAT1;C1;C1GALT1C1	0.991865	0.810064	0.76499	-1.30721	0.487465	0.454176	-2.19214	0.911941	0.884191	-1.13098	0.853931	1.22758	1.22758	0.709735	0.659332	1.51669		0.47119	0.442421	-2.26029	0.938348	0.917534	-1.08988	0.808439	0.763197	-1.31028	0.686544	1.57046	1.57046	0.172463	0.911976	4.69607	1
cg07068701	RPL32P3	0.991867	0.57856	1.67951	1.67951	0.675101	2.17173	2.17173	0.712183	0.832162	1.20162	0.581827	1.72	1.72	0.889442	0.878404	-1.13893		0.955717	1.05353	1.05353	0.842851	0.538111	-1.93009	0.731417	0.729818	-1.37393	0.683033	1.03583	1.03583	0.172386	0.240307	1.66277	1
cg02109652	CAT	0.991902	0.624391	0.790223	-1.26547	0.622478	1.26714	1.26714	0.849075	1.09515	1.09515	0.840787	0.908498	-1.10072	0.850333	0.913818	1.09431		0.972533	1.01656	1.01656	0.693841	0.827989	-1.20774	0.49403	0.717053	-1.39285	0.632639	0.794719	-1.25831	0.717786	0.619329	3.20445	1
cg01485051	C7orf50;C7orf50;C7orf50	0.991905	0.516977	0.582701	-1.71615	0.794555	1.03287	1.23807	0.731405	0.790485	-1.26525	0.559407	0.699345	-1.64111	0.618302	0.779851	1.28257		0.706931	0.644856	1.55073	0.822982	0.831429	-1.20275	0.938247	0.994021	-1.00604	0.947241	1.05577	1.24763	0.960798	0.960401	-1.04123	0.71776	0.183816	0.5128	1
cg18186360	C3CLAT1;C1;C1GALT1C1	0.991865	0.810064	0.76499	-1.30721	0.487465	0.454176	-2.19214	0.911941	0.884191	-1.13098	0.853931	1.22758	1.22758	0.709735	0.659332	1.51669		0.47119	0.442421	-2.26029	0.938348	0.917534	-1.08988	0.808439	0.763197	-1.31028	0.686544	1.57046	1.57046	0.172463	0.911976	4.69607	1
cg07068701	RPL32P3	0.991867	0.57856	1.67951	1.67951	0.675101	2.17173	2.17173	0.712183	0.832162	1.20162	0.581827	1.72	1.72	0.889442	0.878404	-1.13893		0.955717	1.05353	1.05353	0.842851	0.538111	-1.93009	0.731417	0.729818	-1.37393	0.683033	1.03583	1.03583	0.172386	0.240307	1.66277	1
cg02109652	CAT	0.991902	0.624391	0.790223	-1.26547	0.622478	1.26714	1.26714	0.849075	1.09515	1.09515	0.840787	0.908498	-1.10072	0.850333	0.913818	1.09431		0.972533	1.01656	1.01656	0.693841	0.827989	-1.20774	0.49403	0.717053	-1.39285	0.632639	0.794719	-1.25831	0.717786	0.619329	3.20445	1
cg15291914	EPAS1	0.991907	0.516977	0.582701	-1.71615	0.794555	1.03287	1.23807	0.731405	0.790485	-1.26525	0.559407	0.699345	-1.64111	0.618302	0.779851	1.28257		0.706931	0.644856	1.55073	0.822982	0.831429	-1.20275	0.938247	0.994021	-1.00604	0.947241	1.05577	1.24763	0.960798	0.960401	-1.04123	0.71776	0.183816	0.5128	1
cg17760678	CYP22	0.992003	0.886565	0.947671	-1.05522	0.706719	1.15296	1.15296	0.923939	0.972887	-1.02773	0.844782	1.35921	1.35921	0.813742	0.914962	-1.09294		0.645237	1.19073	1.19073	0.787803	1.13098	1.13098	0.869621	0.940016	-1.06381	0.837867	0.983267	1.39617		
cg00559018	SERHL2	0.991934	0.63715	2.1838	2.1838	0.921082	1.17693	1.17693	0.976562	0.952852	-1.04948	0.6406	2.60816	2.60816	0.633143	2.20452	2.20452		0.500636	3.07651	3.07651	?	?	?	0.668353	2.03092	2.03092	0.951478	0.904802	-1.10521	0.154863	5.89179	38.0452	1
cg20446194	MARCH5	0.991937	0.875211	1.1234	1.1234	0.944647	1.09488	-1.05276	0.993973	1.19237	1.19237	0.814219	1.16786	1.16786	0.916776	1.02717	1.02717		0.681852	0.921799	-1.08493	0.948203	0.964596	-1.03657	0.956185	0.916211	-1.0914	0.828096	1.17604	1.17604	0.171362	1.68778	7.71739	1
cg10551047	SYS2;RPS18	0.992084	0.80535	0.928084	-1.07644	0.440622	1.26443	1.26443	0.459985	1.25162	1.25162	0.986409	0.994931	-1.0051	0.822228	1.16942	1.16942		0.62711	1.15726	1.15726	0.860543	1.05386	1.05386	0.97969	0.992434	-1.00762	0.888386	1.04379	1.04379	0.170641	0.240561	1.25311	1
cg17606920	ARHGAP15	0.992117	0.570285	1.45968	1.45968	0.73255	1.31375	1.31375	0.576099	1.45151	1.45151	0.913371	1.07438	1.07438	0.734	1.25217	1.25217		0.986669	1.01108	1.01108	0.915083	0.933309	-1.0741	0.44336	1.67408	1.67408	0.774063	0.822371	-1.20865	0.170413	1.17333	6.11945	1
cg22926252	WBP11;C12orf60;WBP11	0.992119	?	?	?	0.974667	1.83339	1.83339	0.602007	2.2205	2.2205	?	?	?	0.799154	1.18353	1.18353		0.681852	0.921799	-1.08493	0.948203	0.964596	-1.03657	0.956185	0.916211	-1.0914	0.828096	1.17604	1.17604	0.171362	1.68778	7.71739	1
cg06465926	PPP3R1A	0.99215	0.659987	0.946502	-1.05652	0.55677	0.928845	-1.07661	0.983422	0.997423	-1.00258	0.978596	0.996674	-1.00334	0.819995	1.0297	1.0297		0.941899	1.00909	1.00909	0.854987	1.02298	1.02298	0.451916	0.909209	-1.09986	0.615308	0.939013	-1.06405	0.170225	0.041588	0.217144	1
cg10140153	IQCH;QCH;AAGAB	0.992165	0.807406	0.918434	-1.08896	0.737836	1.07181	1.07181	0.98816	1.0203	1.0203	0.61077	2.00412	2.00412	7	?	?		0.701539	0.587572	1.70163	0.93971	0.908844	-1.11007	0.580779	2.51339	2.51339	0.460426	2.82202	2.82202	0.170223	0.25789	26.829	1
cg18068449	TRIM67	0.992166	0.976913	0.990067	-1.01003	0.760396	1.11129	1.11129	0.818038	1.08275	1.08275	0.447962	1.30576	1.30576	0.899169	1.0447	1.0447		0.602561	1.1987	1.1987	0.936259	0.972785	-1.02798	0.885522	0.951518	-1.05095	0.459853	1.2964	1.2964	0.170122	0.320644	1.67536	1
cg12697238	SHF	0.992187	0.582689	1.27518	1.27518	0.908638	0.85123	-1.08338	0.907876	0.934959	-1.06998	0.806096	0.866387	-1.15462	0.515596	0.693346	1.44228		0.766257	0.940134	-1.19029	0.586222	0.875563	-1.14254	0.979407	1.02191	1.02191	0.967182	0.918563	4.8065		
cg10960375	2BTB47	0.992221	0.661446	0.670738	-1.4909	0.878242	0.870279	-1.14906	0.92406	1.09025	1.09025	0.824569	1.22289	1.22289	0.829498	0.845792	1.39468		0.810782	1.24282	1.24282	0.585304	1.18302	1.18302	0.92157	0.915659	-1.

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1111 vs. N)	Fold-Change(1111 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1317 vs. N)	Fold-Change(1317 vs. N)	p-value(1347 vs. N)	Fold-Change(1347 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5 vs. N)	Fold-Change(5 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Test)	SS(Test)	SS(Error)	df
cg10365900	O2i24	0.993247	0.93075	0.949347	1.05826	0.849087	0.883283	-1.13214	0.718743	1.39308	0.78405	0.90512	-1.10483	0.733842	0.800631	-1.24901	0.555812	1.4743	1.4743	0.640232	1.3589	1.3589	0.567584	1.45692	1.45692	0.88199	1.00568	1.09508	0.907758	-1.10162	0.162894	1.09508	5.97567	1
cg13443103	PHPT1;PHPT1;PHPT1;PHPT1	0.993261	?	?	?	0.408562	2.24438	2.24438	0.729902	1.39303	0.894423	1.1354	1.1354	0.749801	0.736386	-1.35798	0.858831	1.18563	1.18563	0.880389	0.869354	-1.15028	0.815632	1.2503	1.2503	0.925115	0.91401	-1.09408	0.146335	1.84443	12.8775	1
cg13230386	PODXL;PODXL	0.993273	0.633133	1.30693	1.30693	0.904751	1.0689	1.0689	0.674663	1.2649	1.2649	0.773992	1.17382	1.17382	?	?	?	?	0.786166	1.16342	1.16342	0.826891	0.885235	-1.12966	0.431868	1.56287	1.56287	0.975387	1.01732	1.01732	0.146253	0.637955	4.362	1
cg21956537	TBC1D28;TBC1D28	0.993301	0.641651	1.37336	1.37336	0.85971	0.887155	-1.12717	0.758405	1.23224	1.23224	0.526772	0.678386	-1.5436	0.992665	-1.00624	1.00624		0.766057	0.817492	-1.22324	0.764407	0.8161	-1.22534	0.609939	1.42938	1.42938	0.88228	1.1055	1.1055	0.162516	1.17937	6.45062	1
cg27529930	IVD;IVD;IVD;IVD	0.993309	0.444889	3.08355	3.08355	0.873473	0.794188	-1.25915	0.856176	1.29995	0.587227	2.20899	2.20899	0.663378	1.88369	1.88369	0.897305	1.20549	1.20549	0.528098	2.51997	0.971962	0.96294	-1.03849	0.74582	1.60046	1.60046	0.162455	5.37912	29.4324	1
cg00056618	CRAMP1L	0.993341	0.971137	0.99091	-1.00917	0.700062	1.10263	1.10263	0.625992	1.13198	1.13198	0.929018	0.978043	-1.02245	0.948681	0.952933	1.04939	0.570918	0.865418	-1.15551	0.822413	1.05838	1.05838	0.726817	0.915281	-1.09256	0.573287	0.866203	-1.15466	0.162229	0.163671	0.890785	1
cg00154443	ATXN1L;ZNF821	0.993354	0.478253	1.2769	1.2769	0.786804	1.09627	1.09627	0.695548	0.875167	-1.14264	0.863028	1.06029	1.06029	0.727193	1.12608	1.12608		0.800553	1.08962	1.08962	0.698444	0.876347	-1.1411	0.68784	1.14676	1.14676	0.851931	0.938613	-1.0654	0.16214	0.295183	1.61826	1
cg25109082	DYNC1LI1;DYNC1LI1	0.993382	0.56822	2.01968	2.01968	0.694155	1.02531	1.02531	0.540104	1.83047	1.83047	1.83087	1.83087	0.804423	1.35243	1.35243	0.619788	1.82552	1.82552	0.548601	1.6428	1.6428	0.560417	2.0495	2.0495	0.90542	0.974958	1.07822	0.877545	0.820242	-1.20992	0.152187	3.38326	14.8207	1
cg06836796	ME1	0.993384	0.912464	0.782782	-1.08134	0.886462	1.10693	1.10693	0.403417	1.83677	1.83677	0.864444	0.885382	-1.1292	0.969672	1.0274	1.0274		0.997686	1.00206	1.00206	0.966396	1.03041	1.03041	0.92926	0.993372	-1.00454	0.467976	1.60068	1.69068	0.162919	1.29683	7.13876	1
cg11787785	NEBL	0.993395	0.858489	0.938971	-1.065	0.542274	1.24315	1.24315	0.933525	0.970994	-1.02987	0.482745	0.777477	-1.28621	0.969801	1.01345	1.01345		0.856232	1.06608	1.06608	?	?	?	0.870229	0.943944	-1.05938	0.978152	0.990384	-1.00971	0.145421	0.254866	1.75261	1
cg09386446	SLITRK1	0.993432	0.775278	1.29009	1.29009	0.77551	1.07861	1.07861	0.726481	1.38344	1.38344	1.06421	1.06421	0.941712	1.06026	1.06026	0.896081	1.11616	1.11616	1.03459	0.966	0.966	0.947587	1.05311	1.05311	0.533419	0.938445	1.02147	1.02147	0.161585	0.173332	0.953512	1
cg26706201	SSRP1;SSRP1	0.993487	0.701632	0.919166	-1.08794	0.731496	1.07834	1.07834	0.964214	1.09087	1.09087	0.962381	1.00998	1.03698	0.932362	1.01764	1.01764		0.58132	1.885186	-1.12971	0.779527	0.940401	-1.06338	0.431869	0.838914	-1.19202	0.748871	0.932088	-1.07286	0.161193	0.122399	0.674966	1
cg12273231	SAP130;SAP130 ARPC4;ARPC4;ARPC4;ARPC4;TADA3;TA	0.993491	0.458301	1.86724	1.86724	0.8391	0.851643	-1.1742	0.9916	0.99172	-1.00835	0.739143	1.30208	1.30208	0.914884	0.919019	-1.08812		0.973114	0.973731	-1.02698	0.561629	0.62904	-1.58972	0.764572	0.788803	-1.26774	0.970315	1.02983	1.02983	0.161164	1.59254	8.78355	1
cg00923807	DA3	0.993503	0.613024	0.889545	-1.12417	0.847256	0.956755	-1.0452	0.674825	1.10164	1.10164	0.585147	1.13489	1.13489	0.720256	0.935566	-1.06887		0.625422	1.11952	1.11952	0.820894	0.949341	-1.05336	0.852046	1.00425	1.00425	0.924508	0.97851	-1.02196	0.156916	0.127631	0.633514	1
cg09462477	FCYT1A	0.993523	0.990838	1.00852	-1.00415	0.990838	1.06319	1.06319	0.965393	1.00311	1.00311	0.608088	0.853191	1.17182	0.554325	0.48811	-2.05875	0.698264	0.61053	1.14052	0.944312	2.61415	2.61415	0.943938	-1.06036	0.876535	1.20949	1.20949	0.163439	2.31429	21.6829	1
cg10138098	IL	0.993529	0.888248	1.0188	1.0188	0.910408	1.01503	1.01503	0.548079	1.08387	1.08387	0.679323	1.05662	1.05662	0.538515	1.08829	1.08829		0.702593	1.05215	1.05215	0.629572	0.937633	-1.06652	0.885973	0.981167	-1.01919	0.95658	1.00724	1.00724	0.160888	0.04477364	0.247164	1
cg21625737	AP2A2	0.993554	0.658602	1.19469	1.19469	0.429138	1.38112	1.38112	0.979943	1.03011	1.03011	0.608098	0.813093	-1.22987	0.720677	1.15446	1.15446		0.876249	0.939562	-1.06433	0.879268	1.06269	1.062269	0.992095	0.99204	1.006017	-1.004	1.006711	0.407336	2.25297	1
cg18986925	C2orf39	0.993577	0.796863	1.2082	1.2082	0.843155	0.864807	-1.15633	0.664917	0.726495	-1.37647	0.800201	0.830321	-1.20435	0.935878	0.94271	-1.06077		0.401818	0.533047	-1.87601	0.752408	0.792911	-1.26118	0.771429	1.2381	1.2381	0.697634	0.751065	-1.33144	0.16054	1.36689	7.56829	1
cg21634107	TCF3;TCF3 MAPT;MAPT,LOC100128977;LOC10013	0.993601	0.94997	1.0217	1.0217	0.944473	1.12893	1.12893	0.644481	1.289	1.289	0.748282	1.10949	1.10949	0.799428	1.04124	1.04124		0.874285	1.05146	1.05146	0.749613	1.26101	1.26101	0.990274	1.00662	1.01662	0.946777	1.02178	1.02178	0.160367	0.264507	1.46612	1
cg11489262	0148;MAPT;MAPT;MAPT;MAPT	0.993621	0.624888	1.1974	1.1974	0.942568	0.974003	-1.02669	0.614168	1.20424	1.20424	0.891122	1.05135	1.05135	0.795279	0.909317	-1.09973		0.935932	1.02983	1.02983	0.81666	0.868116	1.08861	1.08861	0.636218	0.840136	-1.19028	0.564555	0.808221	-1.23729	0.160221	0.339171	1.88168	1
cg05595469	PCNT	0.993623	0.950594	0.963179	-1.03823	0.386696	1.71127	1.71127	0.758196	1.20557	1.20557	0.7966	0.85523	-1.16928	0.888263	1.08884	1.08884		0.591067	1.38873	1.38873	0.714814	1.24881	1.24881	0.931281	0.949121	-1.05361	0.990767	1.00703	1.00703	0.16021	0.930123	5.16057	1
cg13958304	RSBN1	0.993624	0.644266	1.20385	1.20385	0.925947	0.963585	-1.03779	0.526433	1.2919	1.2919	0.712655	1.15279	1.15279	0.751829	1.13495	1.13495		0.963794	0.962051	-1.01828	0.578264	0.799252	-1.25117	0.975391	0.987767	-1.01238	0.69884	1.1678	1.1678	0.160203	0.403967	2.24142	1
cg18836983	SKV2L	0.993631	0.948281	1.05465	-1.05635	0.768356	0.979545	-1.0228	0.505772	1.76927	1.76927	1.01045	1.01045	1.01045	0.665206	0.613874	1.63432		0.978004	1.02309	1.02309	0.805651	0.883748	-1.13211	0.961038	1.04214	1.04214	0.940147	1.03144	1.03144	0.181124	1.81204	10.0532	1
cg16895792	PIK3CD	0.993637	0.965771	1.09649	1.09649	0.835309	0.639628	-1.56341	0.606293	0.327609	-3.05242	0.959857	1.1141	1.1141	0.79296	0.568563	-1.75882		?	?	?	0.768754	0.531074	-1.88298	0.490184	4.50214	4.50214	0.90289	1.29954	1.29954	0.143739	9.32405	64.8681	1
cg07530206	GABPB2;GABPB2	0.993644	0.996381	1.00124	1.00124	0.596201	1.1574	1.1574	0.70937	0.874744	1.07244	1.07244	0.515865	0.93252	1.07244	1.07244	0.515865	0.93252	1.07244	1.07244	0.515865	0.93252	0.667399	0.888515	-1.12547	0.958354	0.988133	-1.01716	0.884123	1.04068	0.923736	0.97416	-1.02653	0.104658	0.189512	1.05246	1
cg16035714	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.993654	0.899702	1.14097	1.14097	0.843176	1.23017	1.23017	0.523386	1.96673	1.96673	0.665107	1.57694	1.57694	0.86638	1.16128	1.16128		0.691908	1.51672	1.51672	0.83017	0.798805	-1.25187	0.868224	0.840579	-1.18966	0.55637	0.536748	1.86307	0.159982	2.77138	15.3983	1
cg06030229	MIB1	0.993659	0.724025	1.36442	1.36442	0.676058	1.44532	1.44532	0.39215	2.15636	2.15636	0.770458	1.29232	1.29232	0.697787	1.4078	1.4078		0.851358	0.848384	-1.17871	0.850636	1.17967	1.17967	0.913832	0.909488	-1.09952	0.631003	1.52834	1.52834	0.159948	1.94619	10.8157	1
cg05072848	RIBC2;SMC1B;RIBC2	0.993674	0.975868	1.02577	1.02577	0.915474	1.02447	1.02447	0.804404	1.30993	1.30993	0.830403	1.30993	1.30993	0.799251	1.25134	1.25134		0.707494	1.14226	1.14226	0.940916	0.875221	-1.1452	0.799485	0.954301	-1.04768	0.923376	0.964351	-1.03705	0.849813	1.02544	1.02544	0.159948	0.159948	0.159948	1.94619	10.8157	1
cg18858712	CALM1;CALM1;CALM1	0.99371	0.573817	2.51891	2.51891	0.921821	0.852505	-1.17301	0.982625	1.03603	1.03603	0.776661	0.783474	1.27646	0.887486	1.25566	1.25566		0.749305	1.68402	1.68402	0.612516	2.52785	2.29395	0.711405	1.8296	1.8296	0.531579	0.356962	2.80142	0.159569	6.87841	37.2024	1
cg22279519	NCOR2;NCOR2	0.993705	0.953406	1.04896	1.04896	0.753076	0.926354	1.08007	0.737667	0.719474	-1.38991	0.614448	0.72686	-1.37606	0.760944	0.666353	-1.50073		0.919882	1.08703	1.08703	0.866319	0.742324	-1.34682	0.690129	0.795804	-1.25659	0.783652	0.911208	-1.09748	0.159535	0.268869	1.70226	1
cg11279454	TAPBP;TAPBP;TAPBP	0.993722	0.645799	1.16218	1.16218	0.498067	0.7998	-1.25031	0.893812	0.957554	-1.04433	0.551962	1.21584	1.21584	0.926666	1.03035	1.03035		0.919882	0.967853	-1.03321	0.929521	0.971837	-1.02898	0.813066	1.07997	1.07997	0.765098	1.10221	1.10221	0.159483	0.266424	1.48493	1
cg03450049	SB1	0.993735	?	?	?	0.767214	0.767361	-1.30317	0.928027	0.922573	-1.08393	?	?	?	?	?	0.964371	1.04065	1.04065		0.585683	1.63394	1.63394	0.647006	0.662803	-1.50874	0.963023	1.04222	1.04222	0.728566	1.36447	1.36447	0.124377	1.21908	11.2017	1
cg18935813	KCNA2	0.993737	0.594727	2.11969	2.11969	0.674656	0.965526	-1.03583	0.722344	0.83394	-1.19984	0.834431	1.16623	?	?	?	0.964645	1.03584	1.03584	0.912316	0.94398	-1.05938	0.743298	0.918436	1.08908	1.08908	0.924298	0.943012	1.06146	0.987482	-1.01343	0.755955	0.329099	1.7538	1
cg23756322	RIMS1;RIMS1;RIMS1;RIMS1	0.993748	0.728832	1.29068	1.29068	0.607026	1.46282	1.46282	0.472112	1.70956	1.70956	0.579223	1.50784	1.50784	0.900886	1.09565	1.09565		0.497882	1.65621	1.65621	0.768459	1.24165	1.24165	0.659549	1.38408	1.38408	0.74927	1.26503	1.26503	0.159296	1.35617	7.56757	1
cg04137490	DOCK5	0.993751	0.650283	1.39518	1.39518	0.626264	0.958832	-1.06518	0.894952	1.004999	-1.01497	0.822543	1.18034	1.18034	0.837004	1.1572	1.1572		0.693836	1.4468	1.4468	0.765854	1.25814	1.25814	0.859373	1.07309	1.07309	0.773909	1.19327	1.19327	0.1421	2.93566	20.6655	1
cg01134297	DEF8;DEF8	0.993773	0.822275	0.939591	-1.06429	0.625564	1.82661	-1.14592	0.983046	1.0059	1.0059	0.833582	0.943392	-1.06	0.65703	0.883584	1.13175		0.823039	1.064	1.064	0.580552	1.16717	1.16717	0.674585	0.880625	-1.14207	0.613672	0.868497	1.15144	0.159108	1.1933	1.07991	1
cg00687122	POU6F2;POU6F2	0.99378	0.748231	1.06607	1.06607	0.788772	1.05479	1.05479	0.593439	1.11299	1.11299	0.745141	0.937259	-1.06694	0.613032	1.1663	1.1663		0.891371	1.02752	1.02752	0.581732	1.11687	1.11687	0.713916	0.929464	-1.07589	0.85791	0.965024	-1.03624	0.159058	0.0994202	0.555607	1
cg26670024	ZBTB39	0.993783	0.83833	1.19302	1.19302	0.765552	0.764418	-1.30824	0.965514	1.03485	1.03485	0.824583	1.12485	1.12485	0.867018	1.15338	1.15338		0.776725	1.29023	1.29023	0.747844	1.13128	1.13128	0.853547	0.950054	1.05204	0.924527	1.08116	1.08116	0.159327	1.421	7.35539	1
cg18362429	MTCH2	0.993792	0.360572	1.50445	1.50445	0.630044	1.23249	1.23249	0.9092	1.10082	1.10082	0.666372	1.20741	1.20741	0.924065	0.95984	-1.04184		0.866551	1.07582	1.07582	0.931052	0.963096	-1.03832	0.858864	1.08041	1.08041	0.672041	1.20326	1.20326	0.158967	0.457384	2.65818	1
cg27546264	AFMID;TKFC;AFMID;AFMID	0.993792	0.610783	1.23013	1.23013	0.641603	1.24719	1.24719	0.803483	1.18147	1.18147	0.736597	1.31311	1.31311	0.833634	1.1322	1.1322		0.71624	1.2044	1.2044	0.633766	1.36077	1.36077	0.976652	0.9102	1.01501	0.927758	0.835605	1.19674	0.158967	0.466483	2.93201	1
cg17572903	CSE1L	0.993824	0.758417	1.16891	1.16891	0.763475	1.16495	1.16495	0.805012	0.882381	-1.1333	0.499799	1.41416	1.41416	0.910029	1.05885	1.05885		0.99125	0.994468	-1.00556	0.939848	1.03892	1.03892	0.404952	1.53892	1.53892	0.886114	1.07519	1.07519	0.15873	0.643411	3.60309	1
cg17533027	KCTD17	0.993844	0.902346	0.97157	-1.0292	0.974203	0.973233	-1.0275	0.88875	1.03222	1.03222	0.893503	0.960317	-1.04172	0.947907	1.04447	1.04447		0.559136	0.874729	-1.14321	0.70935	1.08564	1.08564	0.952859	0.986646	-1.01353	0.944575	1.1929	1.1929	0.158964	0.128969	0.722754	1
cg05993306	HNRNPA0	0.993882	0.940991	1.21965	1.21965	0.915142	0.742073	-1.34758	?	?	?	?	?	?	0.861824	0.525852	1.90172		?	?	?	?	?	?	?	?	?	?	?	0.203762	0.102328	17.6137	1
cg00328418	C17orf97	0.993878	0.602316	0.758265	-1.3188	0.978178	0.985706	-1.0145	0.7765	0.86087	-1.16162	0.681226	0.804596	-1.24286	0.858153	0.608361	-1.64376		0.857638	0.909816	-1.09912	0.88161	1.0816	1.0816	0.965104	1.02329	1.02329	0.825079	0.890017	-1.12357	0.158329	0.694753	3.90048	1
cg05880441	FAZH;FAZH	0.993903	0.56736	1.793483	1.36802	0.459977	0.717705	-1.39356	0.900767	1.05115	1.05115	0.913998	0.967358	-1.03374	0.907457	1.10243	1.10243		0.798565	1.1079	1.1079	0.904408	0.853707	1.17152	0.881344	0.840028	1.19048	0.84028	1.19048	0.158904	0.128969	0.722754	1
cg13287247	CCDC80;CCDC80;CCDC80	0.993912	0.693786	0.700198	-1.42817	0.73696	0.738147	-1.35474	0.829485	0.823455	-1.2144	0.909838	0.903057	-1.10735	0.47708	0.521467	-1.91767		0.593969	0.615935	-1.62355	0.514702	0.555139	-1.81311	0.561756	0.589556	-1.69619	0.970223	0.972196	-1.0286	0.158075	0.23078	11.4195	1
cg00829192	HIPK2;HIPK2	0.993917	0.542447	0.765401	-1.3065	0.777858	1.13048	1.13048	0.966822	1.01819	1.01819	0.927236	0.961368	-1.0404	0.716386	0.853627	-1.1714		0.728631	0.859826	-1.16303	0.923348	1.04261	1.04261	0.900326	1.05584	1.05584	0.44556	0.713176	-1.40099	0.158018	0.470601	2.64492	1
cg05243042	UBP21	0.993931	0.949053	0.977383	-1.02314	0.930149	0.9691	-1.03189	0.751569	0.894056	-1.1185	0.384067	0.726467	-1.37647	0.705267	0.872813	-1.14572		0.500749	0.782961	-1.2772	0.466555	0.938995	-1.06497	0.877194	0.946144	-1.05692	0.660142	0.853457	-1.17165	0.157705	0.320592	1.80435	1
cg04489856	MLLT6	0.993961	0.387853	1.43454	1.43454	0.959015	1.02117	1.02117	0.84163	1.08128	1.08128	0.877384	0.938993	-1.06497	0.754337	0.879868	-1.13653		0.940628	1.03083	1.03083	0.621265	1.21722	1.21722	0.790209	1.11484	1.11484	0.712972	1.16258	1.16258	0.157707	0.415181	2.34009	1
cg00940313	MIR212;MIR132	0.993976	0.886746	1.06999	1.06999	0.815124	1.12444	1.12444	0.8334	0.844938	-1.18486	0.848723	1.05065	1.05065	0.687813	1.15324	1.15324		0.649577	1.1521	1.1521	0.877788	1.07588	1.07588	0.855402	0.978154	1.02164	0.955795	1.03099	1.03099	1.7538	0.086746	1.01343	0.755955	0.329099	1.7538	1
cg24140204	PNPO	0.993985	0.803522	0.863835	-1.15763	0.633004	0.753915	-1.32641	0.658801	0.770332	-1.29814	0.814308	1.14815	1.14815	0.928052	1.05446	1.05446		0.906587	0.933393	-1.07136	0.388126	0.594888	-1.68099	0.887879	1.08636	1.08636	0.91553	0.939603	-1.06428	0.157525	0.860183	4.85389	1
cg08185868	PDGFRL	0.993997	0.821685	0.926122	-1.07977	0.958214	1.01797	1.01797	0.620783	0.844038	-1.18478	0.872055	0.946027	-1.05633	0.695961	1.14285	1.14285		0.474807	0.781085	-1.28007	0.837175	1.07247	1.07247	0.776553	1.13198	1.13198	0.153439	0.288232	1.62734	1
cg05233622	MAP6;MAP6	0.994039	0.808585	0.977796	-1.02271	0.703971	0.934982	-1.06954	0.912258	0.980776	-1.0196	0.686462	0.93103	-1.07408	0.909784	1.02016	1.02016		0.63725	0.919756	-1.08724	0.619216	0.915554	-1.09224	0.714656	0.9688	1.0688	0.59593	1.09883	1.09883	0.157114	0.0771707	0.4366	1
cg06746017	EML1;EML1	0.994051	0.899772	1.10911	1.10911	0.780923	1.25752	1.25752	0.92368	1.08194	1.08194	0.596038	1.55224	1.55224	0.969449	1.03198	1.03198		0.722992	1.33978	1.33978	0.467783	1.83528	1.83528	0.600628	0.647838	-1.5436	0.837564	1.18378	1.18378	0.157028	1.67983	9.509	1
cg19765592	FILIP1 SLC35C1;SLC35C1;SLC35C1;SLC35C1;SL	0.994057	0.963328	1.02436	1.02436	0.954622	1.48429	1.48429	0.960653	0.980377	-1.02002	0.925825	0.952649	-1.05023	0.907776	1.00676	1.00676		0.81649	1.12873	1.12873	0.586208	1.13153	1.13153	0.569005	0.914996	1.09302	0.887178	0.866283	1.15406	0.157097	0.674676	3.82039	1
cg08026009	C5fC1	0.994059	0.624795	0.799685	-1.25049	0.635301	1.24194	1.24194	0.814147	1.11271	1.11271	0.780695	1.13494	1.13494	0.714568	1.18061	1.18061		0.696486	0.837139	-1.19456	0.698391	0.900971	1.27896	1.27896	0.742458	1.1613	1.1613	0.156957	0.51131	2.89549	1
cg09346644	TNIP2;TNIP2	0.994073	0.488887	0.759928	-1.31591	0.963472	1.01804	1.01804	0.821959	1.092	1.092	0.845341	0.926577	-1.07924	0.77811	0.895558	-1.11662		0.456804	0.743856	-1.34435	0.944449	1.02758	1.02758	0.966443	0.983707	-1.01656	0.668335	0.845105	-1.18328	0.156858	0.378775	2.14646	1
cg15861059	SERPINB6	0.994075	0.698578	1.08484	1.08484	0.634862	0.904731	-1.1053	0.803887	0.949264	-1.05345	0.719661	1.07836	1.07836	0.964354	0.990691	-1.0094		0.874721	1.03357	1.03357	0.911742	1.02185	1.02185	0.763003	1.06533	1.06533	0.489109	0.863245	-1.15842	0.156842	0.108789	0.616553	1
cg14898623	NCOR2;NCOR2	0.994076	0.422506	0.68877	-1.45177	0.657771	1.15296	1.15296	0.912197	0.946984	-1.06568	0.819859	0.93678	-1.06749	0.815221	0.861159	-1.16123		0.753802	1.22283	1.22283	0.849574	1.12912	1.12912	0.803097	1.14648	1.14648	0.574157	1.43784	1.43784	0.15682	1.01597	5.75876	1
cg04535130	NOTUM	0.994079	0.740172	0.75095	-1.33165	0.716715	1.36836	1.36836	0.963441	1.03698	1.03698	0.677333	1.43351	1.43351	0.779693	1.27295	1.27295		0.869727	1.15172	1.15172	0.746077	0.512509	-1.95119	0.808831	0.817221	-1.23195	0.942431	1.06413	1.06413	0.156811	1.83946	10.4271	1
cg12202238	FNDC3B;FNDC3B	0.994093	0.717733	0.863184	-1.15919	0.833116	1.11098	1.11098	0.847744	0.909626	-1.09935	0.973173	1.01636	1.01636	0.948065	1.03262	1.03262		0.464274	1.44348	1.44348	0.693184	1.10872	1.10872	0.924135	0.973783	-1.02654	0.746047	1.25988	1.25988	0.156563	0.60253	3.41873	1
cg25202298	EHD3	0.994102	0.85014	0.939159	-1.06478	0.755359	0.901473	-1.1093	0.910966	0.963559	-1.03782	0.66189	1.15723	1.15723	0.5956	1.19454	1.19454		0.742712	1.11552	1.11552	0.857981	0.942285	-1.06125	0.481706	1.26785	1.26785	0.905793	1.04007	1.04007	0.156637	0.273215	1.55045	1
cg19089314	ADM2	0.994115	0.932752	1.04904	1.04904	0.696615	1.24893	1.24893	0.803069	1.15459	1.15459	0.485051	0.668643	-1.49557	0.756325	1.19314	1.19314		0.868505	1.09856	1.09856	0.773751	0.84915	-1.17765	0.665424

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1047 vs. N)	p-value(1057 vs. N)	Fold-Change(1057 vs. N)	p-value(1117 vs. N)	Fold-Change(1117 vs. N)	p-value(1127 vs. N)	Fold-Change(1127 vs. N)	p-value(1217 vs. N)	Fold-Change(1217 vs. N)	p-value(1247 vs. N)	Fold-Change(1247 vs. N)	p-value(1477 vs. N)	Fold-Change(1477 vs. N)	p-value(1537 vs. N)	Fold-Change(1537 vs. N)	p-value(5377 vs. N)	Fold-Change(5377 vs. N)	p-value(5637 vs. N)	Fold-Change(5637 vs. N)	F(Error
cg15378625	TPK1;TPK1	0.995512	0.438006	0.674188	-1.48327	0.862133	0.917023	-1.09049	0.872245	0.922873	-1.08357	0.932059	0.958397	-1.04351	0.988769	0.99301	-1.00704	0.637173	1.26714	1.26714	0.677708	1.23155	1.23155	0.991777	1.00515	1.00515	0.873245	0.923517	-1.08282	0.144895	0.569927	3.49633	1
cg02808528	B3GAT1;B3GAT1	0.995551	0.841267	1.12803	1.52703	0.544999	1.44085	1.44085	0.827425	0.877067	-1.14016	0.581411	1.39731	1.39731	0.996749	0.997555	-1.00245	0.922055	1.06056	1.06056	0.514598	1.48742	1.48742	0.648852	1.3171	1.3171	0.842172	1.12724	1.12724	0.445338	0.826292	5.0816	1
cg15481161	B4GALNT4	0.995562	0.822058	1.2754	1.2754	0.877157	0.846157	-1.18181	0.928133	1.10233	1.10233	0.457601	2.26348	2.26348	0.565777	1.87186	1.87186	0.632	1.68386	1.68386	0.647307	1.64455	1.64455	0.767565	1.37724	1.37724	0.971978	1.03866	1.03866	0.144438	2.66795	16.4189	1
cg24009362	TNX8	0.995576	0.906623	0.965607	-1.03562	0.936267	0.977565	-1.02266	0.681436	0.890802	-1.12258	0.678288	0.889772	-1.12396	0.881448	0.942065	-1.06121	0.942065	1.04269	1.04269	0.542004	1.24602	1.24602	0.805273	1.05073	1.05073	0.600998	1.15931	1.15931	0.513421	0.820548	-1.20402	0.998625	1.00048	1.00048	0.134431	0.179376	1.10488	1
cg03477303	DPYSL4	0.995584	0.986963	1.00758	1.00758	0.71935	0.846392	-1.18149	0.746864	0.860973	-1.16148	0.877115	0.07414	1.07414	0.981086	1.01102	1.01102	0.815262	1.11424	1.11424	0.438869	1.4404	1.4404	0.70342	1.19338	1.19338	0.838961	0.910239	-1.09861	0.144236	0.487987	3.00734	1
cg18167179	ACOT4	0.995593	0.632878	0.832788	-1.20079	0.573748	1.24124	1.24124	0.849985	0.74065	1.07465	0.654317	0.942516	-1.18602	0.712599	0.868773	-1.15105	0.934842	0.96939	-1.03158	0.909539	0.957706	1.04416	0.788541	0.902842	-1.10761	0.751469	1.1284	1.1284	0.144115	0.330029	2.0351	1
cg16767940	C7orf41	0.995629	0.986412	0.994867	-1.00516	0.5249	1.21492	1.21492	0.761184	1.09648	1.09648	0.639616	0.867192	-1.15315	0.810963	1.07509	1.07509	0.985241	0.994427	-1.0056	0.544769	1.20347	1.20347	0.937817	1.02386	1.02386	0.911303	0.966891	-1.03424	0.143818	0.207952	1.28528	1
cg14147074	AQP11	0.995648	0.507345	0.799582	-1.25049	0.731389	1.13618	1.13618	0.746546	0.888572	-1.12375	0.642685	0.840554	-1.19014	0.884083	1.05229	1.05229	0.748373	0.891926	-1.1378	0.622034	0.923392	1.08234	0.697487	0.872794	-1.14706	0.710501	0.877256	-1.13992	0.14364	0.280654	1.73677	1
cg12626968	NNT;NNT	0.995656	0.983833	0.994581	-1.00545	0.787353	1.1146	1.1146	0.727337	1.08842	1.08842	0.841056	1.05532	1.05532	0.655576	1.12794	1.12794	0.925224	1.02549	1.02549	0.93005	0.865297	1.15567	0.672784	1.12066	1.12066	0.597912	1.15342	1.15342	0.14357	0.163529	1.01246	1
cg25194807	ICMT	0.995664	0.696899	0.69802	-1.43262	0.838746	0.829327	-1.2058	0.862249	1.17293	1.17293	0.60644	1.61167	1.61167	0.880644	1.14797	1.14797	0.882309	1.14575	1.14575	0.483404	0.519875	-1.92354	0.958436	1.04903	1.04903	0.836673	1.20875	1.20875	0.143497	1.91708	11.8753	1
cg04852989	ARVCF	0.995702	0.72442	1.61819	1.61819	1.7	1.7	1.7	0.85635	0.836566	-1.19536	0.835415	1.32694	1.32694	0.884139	0.977952	-1.02273	?	?	?	0.331276	1.12444	1.12444	?	?	?	0.739763	1.57344	1.57344	0.094202	1.74558	26.0281	1
cg04747993	RNF114	0.995711	0.462074	0.85478	1.85478	0.959142	1.07442	1.07442	0.982093	1.03195	1.03195	0.638828	1.93937	1.93937	0.897963	1.11693	1.11693	0.640484	1.91295	1.91295	0.93281	0.888562	-1.12541	0.786282	0.683309	-1.46347	0.788593	0.686212	-1.45728	0.143053	0.444808	27.639	1
cg19427757	ARHGAP5;ARHGAP8;PRR5-ARHGAP8	0.995719	0.846064	0.880505	-1.13992	0.534629	0.49805	-2.00523	0.985993	1.03561	1.03561	0.210951	0.591616	-1.69028	0.78555	0.739524	-1.35122	0.817339	1.29164	1.29164	0.809273	0.766266	-1.30673	0.66007	1.61379	1.61379	0.77094	1.38125	1.38125	0.142977	2.77182	17.2324	1
cg09611472	GNG13	0.995752	0.767764	1.23267	1.23267	0.419827	0.558723	-1.78979	0.853232	0.877379	-1.13976	0.883864	0.985816	-1.01439	0.823494	0.90514	-1.17094	0.941423	1.05128	1.05128	0.711769	1.29973	1.29973	0.888326	1.10434	1.10434	0.78897	1.20864	1.20864	0.142668	1.12748	7.02473	1
cg18371976	TRERF1	0.995758	0.92733	0.963794	-1.03757	0.514407	1.30641	1.30641	0.964441	0.982139	-1.01819	0.803401	1.1061	1.1061	0.817846	0.864032	-1.15736	0.68148	1.18156	1.18156	0.675694	1.18541	1.18541	0.641395	1.20879	1.20879	0.896123	0.948564	-1.05422	0.142612	0.369121	2.30071	1
cg08300343	NUP62;NUP62-SNX2;NUP62-IL4I1;ATF5;NUP62	0.995766	0.390033	2.62067	2.62067	0.966174	1.04748	1.04748	0.952152	0.936471	-1.06784	0.81872	0.777939	-1.28545	0.779637	1.35908	1.35908	0.9012	1.14551	1.14551	0.875216	1.18755	1.18755	0.757405	0.712551	-1.40341	0.729727	1.46135	1.46135	0.142538	2.70089	16.8432	1
cg03179462	MAD2L1;MAD1L1;MAD1L1	0.995805	0.797949	1.11121	1.11121	0.882544	0.94104	-1.06268	0.878185	1.00459	1.00459	0.985938	1.00734	1.00734	0.790448	1.13911	1.13911	0.986894	0.99104	-1.00681	0.744382	0.950552	-1.14149	0.64622	0.721451	-1.3861	0.636205	0.822088	-1.21641	0.142163	0.980396	2.37847	1
cg07744435	UNC93B1	0.995818	0.820948	0.924247	1.08203	0.916788	-1.09076	0.328977	0.671354	-1.48953	0.94129	0.972129	-1.02956	0.974858	1.01254	1.01254	1.01254	0.932129	1.03426	1.03426	0.871221	0.938088	-1.0661	0.697583	0.858897	-1.167	0.925743	0.963803	-1.03756	0.142035	0.351858	2.20201	1
cg23341567	MSL1	0.995828	0.495783	0.635324	-1.574	0.904414	1.08198	1.08198	0.845779	0.880096	-1.13624	0.914489	0.931975	-1.07299	0.697631	1.29185	1.29185	0.644249	0.737138	-1.3566	0.80885	0.853031	-1.17229	0.649589	0.740816	-1.34986	0.726539	0.7943	-1.25897	0.141944	0.967092	6.05619	1
cg13362147	TIPIN	0.995836	0.79486	0.784597	-1.27454	0.980014	1.01645	1.01645	0.852277	1.52447	1.52447	0.654584	1.44395	1.44395	0.898672	1.12593	1.12593	0.894992	1.084313	-1.13382	0.547708	0.507077	-1.76343	0.741571	0.798444	-1.36083	0.684062	0.683252	-1.46359	0.141884	1.94771	12.2022	1
cg00600024	SNHG8;SNORA24	0.995839	0.462043	0.761953	-1.31242	0.977249	1.01041	1.01041	0.940028	1.02582	1.02582	0.82599	1.08354	1.08354	0.869736	0.942144	-1.06141	0.704824	0.870927	-1.1482	0.652463	1.17894	1.17894	0.813461	1.08962	1.08962	0.850907	1.06667	1.06667	0.140313	0.29619	1.85626	1
cg16716917	MIR9;AIF1AL;FAU;FAU	0.995859	0.931472	0.958858	-1.04293	0.523883	0.751131	-1.3288	0.831582	0.900284	-1.10707	0.626843	0.783755	-1.27598	0.664928	0.79756	-1.25402	0.844889	0.908812	-1.10034	0.80449	1.1288	1.1288	0.804656	1.20827	1.20827	0.855333	0.91471	-1.09324	0.141642	0.552663	3.9501	1
cg24230840	FKBP7;MIR548N;FKBP7	0.995862	0.999984	1	1	0.847302	1.04784	1.04784	0.741811	0.922982	-1.08344	0.665897	0.900047	-1.11105	0.677341	1.10676	1.10676	0.898726	0.969605	-1.03135	0.551455	1.15727	1.15727	0.945723	0.983631	-1.01664	0.647704	1.11799	1.11799	0.141615	0.131802	0.8273	1
cg00147401	TRAPPC9;TRAPPC9	0.995882	0.622005	1.37037	1.37037	0.907602	0.929209	-1.07639	0.981164	1.01508	1.01508	0.843508	0.857772	-1.14185	0.659452	1.32943	1.32943	0.906002	1.07777	1.07777	0.642326	1.34522	1.34522	0.591782	1.42048	1.42048	0.900437	0.903407	0.955938	0.141582	0.712209	4.0553	1
cg17220933	RASSF5;RASSF5;RASSF5	0.995887	0.61045	1.63918	1.63918	0.955169	0.74955	-1.33357	0.745407	0.74955	-1.33357	0.745407	0.65976	-1.51579	0.659976	1.51579	1.51579	0.888042	1.126191	1.126191	0.888042	1.12525	1.12525	0.812541	1.23738	1.23738	0.809152	1.2003	1.2003	0.847487	0.880095	-1.13624	0.141438	0.15408	0.85078	1
cg20898273	SLC26A4;LOC286002	0.995907	0.923475	1.05071	1.05071	0.80952	1.13238	1.13238	0.606006	0.765015	-1.30716	0.969698	0.910975	1.01975	1.01975	0.811706	0.884383	-1.13073	0.943711	1.03702	1.03702	0.42024	1.52798	1.52798	0.929546	1.04658	1.04658	0.899334	1.06733	1.06733	0.141185	0.592664	3.73116	1
cg08231709	KCNG2	0.995917	0.907047	0.976109	-1.02449	0.898202	1.03659	1.03659	0.852353	0.889305	-1.12495	0.668372	0.912252	-1.09615	0.647408	1.08208	1.08208	0.722966	0.918355	-1.07085	0.773307	0.944916	-1.0583	0.849717	1.03424	1.03424	0.847058	0.970094	-1.03083	0.143447	0.506619	0.64019	1
cg14199629	TLE1	0.995925	0.844871	1.0786	1.0786	0.451793	1.3446	1.3446	0.771671	1.11895	1.11895	0.829405	1.08692	1.08692	0.881256	1.05943	1.05943	0.523368	1.28378	1.28378	0.697258	1.163	1.163	0.694682	1.16459	1.16459	0.868896	0.937258	-1.06694	0.140972	0.333092	2.10029	1
cg17851730	ALDH4A1;ALDH4A1;ALDH4A1;ALDH4A	0.995948	0.948679	0.985783	-1.01442	0.686759	0.913768	-1.09437	0.698326	0.917009	-1.0905	0.620237	1.11752	1.11752	0.512823	1.591	1.591	0.923402	0.978834	-1.02162	0.866027	0.963136	-1.03828	0.901032	1.02806	1.02806	0.913031	1.0246	1.0246	0.140783	0.110332	0.696628	1
cg13332130	RAB4B;RAB4B	0.995982	0.644613	0.60051	1.66051	0.830474	0.980955	-1.24224	0.477002	0.84083	-1.18925	0.731472	0.708355	1.41153	0.931375	0.916563	-1.09103	0.983749	0.979609	-1.02082	0.945854	0.933604	-1.07112	0.634749	0.615593	-1.62356	0.854043	1.20479	1.20479	0.136471	2.16493	12.3384	1
cg07244154	EBF3	0.996005	0.490044	0.555553	1.80054	0.788773	0.851572	1.1745	0.721758	0.904035	-1.10615	0.489744	0.520805	1.92031	0.663133	0.669532	-1.49358	0.920202	1.08955	1.08955	0.917347	0.754533	1.32547	0.744353	1.15593	1.15593	0.854086	0.948949	-1.0538	0.142224	0.31853	2.11695	1
cg23359983	RNF139	0.996008	0.568182	1.97383	1.97383	0.907293	1.1472	1.1472	0.700478	1.57715	1.57715	0.840995	1.26716	1.26716	?	?	?	0.80385	1.3409	1.3409	0.735225	1.49199	1.49199	0.631054	1.5653114	-1.76893	0.831649	1.28524	1.28524	0.124554	2.43643	19.5612	1
cg02436788	TEKT3	0.996019	0.623351	0.564306	-1.80348	0.733472	1.51809	1.51809	0.467234	0.40514	-2.46828	0.916224	1.1312	1.1312	0.991273	0.986731	-1.01345	0.878499	1.20544	1.20544	0.681116	1.60369	1.60369	1.65546	0.928125	1.11649	1.11649	0.949566	0.92565	-1.08032	0.140091	0.30989	21.0015	1
cg21544121	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;	0.996027	0.716942	1.20155	1.20155	0.50645	1.40486	1.40486	0.491522	1.42239	1.42239	0.868265	1.08693	1.08693	0.803791	0.882026	-1.13375	0.693302	1.22127	1.22127	0.99823	1.00112	1.00112	0.877591	1.08083	1.08083	0.961983	1.02433	1.02433	0.140012	0.563926	3.58018	1
cg19476186	PANK2;PANK2;PANK2	0.996037	0.70043	1.43555	1.43555	0.92552	1.03978	1.03978	0.797234	0.786349	-1.2717	0.544794	1.77201	1.77201	0.879643	1.13615	1.13615	0.952818	0.949333	-1.05316	0.856546	0.95041	-1.05218	0.85013	1.13146	1.13146	0.810995	1.03362	1.03362	0.142662	1	1
cg11037385	SYNC;RBBP4;SYNC;RBBP4;RBBP4	0.996039	0.949073	0.958851	-1.04291	0.903184	1.08334	1.08334	0.543828	1.49886	1.49886	0.470961	0.617278	-1.62002	0.732521	0.79163	-1.26322	0.948519	1.04339	1.04339	0.90202	1.08402	1.08402	0.966809	0.972998	1.02775	0.939892	0.958809	0.60939	1	1
cg22201615	BZW1;BZW1L1	0.996054	0.470918	1.25308	1.25308	0.654621	0.870656	-1.14856	0.906138	0.964367	-1.03695	0.973988	0.990021	-1.01008	0.693419	0.885257	-1.12962	0.775411	1.09198	1.09198	0.927764	0.972493	-1.02828	0.888894	1.04394	1.04394	0.837696	0.938857	-1.06513	0.139737	0.209407	1.33208	1
cg25146111	NABP1;OCC1;44967	0.996106	0.98431	1.00404	1.00404	0.937326	0.897547	1.09759	0.911122	1.01778	1.01778	0.886794	1.00407	1.00407	0.851988	1.15118	1.15118	0.941401	1.05236	1.05236	0.796231	1.13246	1.13246	0.984636	0.99064	-1.00945	0.511684	1.1841	1.1841	0.872968	1.04012	1.04012	0.141997	0.125901	0.35781	1
cg12714180	POU3F1	0.996119	0.739826	1.34469	1.34469	0.708772	1.39574	1.39574	0.985943	0.984466	-1.01578	?	?	?	0.9777	0.977	0.9777	0.622975	-1.6052	0.84627	0.841563	-1.18827	0.611575	0.6373	1.569	0.847085	0.842345	-1.18716	0.99529	0.994768	-1.00526	0.139728	11.1177	1
cg01078048	LIN9	0.996143	0.523537	1.91018	1.91018	0.955169	0.74955	-1.33357	0.745407	0.74955	-1.33357	0.745407	0.65976	-1.51579	0.659976	1.51579	1.51579	0.888042	1.126191	1.126191	0.888042	1.12525	1.12525	0.812541	1.23738	1.23738	0.809152	1.2003	1.2003	0.847487	0.880095	-1.13624	0.141438	0.15408	0.85078	1
cg24995352	MCM10;MCM10	0.996145	0.959621	0.988657	-1.01147	0.711446	1.08732	1.08732	0.785698	1.06333	1.06333	0.95257	0.986587	-1.01349	0.945505	0.984716	-1.01552	0.417975	1.20501	1.20501	0.88494	1.03316	1.03316	0.971606	1.00805	1.00805	0.55009	1.14596	1.14596	0.13878	0.111588	0.714724	1
cg08231709	KCNG2	0.996147	0.907047	0.976109	-1.02449	0.898202	1.03659	1.03659	0.852353	0.889305	-1.12495	0.668372	0.912252	-1.09615	0.647408	1.08208	1.08208	0.722966	0.918355	-1.07085	0.773307	0.944916	-1.0583	0.849717	1.03424	1.03424	0.847058	0.970094	-1.03083	0.143447	0.506619	0.64019	1
cg14199629	TLE1	0.995925	0.844871	1.0786	1.0786	0.451793	1.3446	1.3446	0.771671	1.11895	1.11895	0.829405	1.08692	1.08692	0.881256	1.05943	1.05943	0.523368	1.28378	1.28378	0.697258	1.163	1.163	0.694682	1.16459	1.16459	0.868896	0.937258	-1.06694	0.140972	0.333092	2.10029	1
cg17659033	IL18R1;IL18RN;IL1R9;IL1RN;IL1RN;IL1RN	0.996217	0.95044	1.04724	1.04724	0.586069	1.50429	1.50429	0.732018	0.774711	-1.2908	0.660277	1.38883	1.38883	0.896298	1.10168	1.10168	0.980108	1.01869	1.01869	0.56028	1.5486	1.5486	0.767565	0.802437	-1.2462	0.858502	0.875885	-1.1417	0.138095	1.20612	0.776351	1
cg26862620	AARS	0.996223	?	?	?	0.853525	0.784149	-1.27527	0.886249	1.20721	1.20721	?	?	?	?	?	?	0.809834	1.18018	1.18018	?	?	?	?	?	?	0.800616	0.716775	-1.39514	0.039383	0.476216	20.8667	1
cg19484761	C11orf80	0.996246	0.762198	1.11786	1.11786	0.992421	1.00349	1.00349	0.983969	1.3186	1.3186	0.856799	1.06856	1.06856	0.677769	1.3034	1.3034	0.742283	1.12829	1.12829	0.870446	1.06175	1.06175	0.892909	0.951754	-1.05069	0.902252	1.04614	1.04614	0.137802	0.294149	1.8974	1
cg09706021	ABHD6	0.996286	0.861495	0.973781	1.02602	0.64031	0.930918	-1.07421	0.908385	0.91767	-1.07767	0.616133	0.925981	-1.07994	0.91924	1.01555	1.01555	0.642467	0.931342	-1.07372	0.622111	1.07851	1.07851	0.796079	0.961366	-1.04019	0.851567	1.02831	1.02831	0.137396	0.0503671	0.325852	1
cg00447581	GNL3;GNL3;GNL3;SNORD198	0.996288	0.560547	1.21102	1.21102	0.9358	1.02655	1.02655	0.58636	1.1957	1.1957	0.991627	0.996592	-1.00342	0.815423	1.07904	1.07904	0.826334	0.910011	-1.0741	0.814865	1.07929	1.07929	0.997228	1.00113	1.00113	0.622516	0.850932	-1.17518	0.137389	0.230282	1.4899	1
cg07919162	SF4;KIAA0892	0.996291	0.801009	1.0647	1.0647	0.870109	0.845145	-1.18581	0.727622	0.842468	-1.18722	0.704268	0.842468	-1.18722	0.704268	0.939562	-1.06462	0.939562	1.03482	1.03482	0.715665	1.03482	1.03482	0.733522	1.13496	1.13496	0.733522	1.03322	1.03322	0.837792	0.945919	-1.05707	0.137345	0.230027	1.45937	1
cg10765900	TDRD3;TDRD3;TDRD3;TDRD3;TDRD3	0.996298	0.930603	1.02235	1.02235	0.978291	0.993119	-1.00693	0.915297	0.973363	-1.02737	0.707267	1.10047	1.10047	0.504976	1.18729	1.18729	0.822412	0.94455	-1.05871	0.645502	0.889099	-1.12473	0.851987	0.953706	-1.04854	0.710378	1.09928	1.09928	0.13727	0.140005	0.906599	1
cg11142705	CCK	0.996315	0.742481	0.829981	-1.20485	0.886064	1.18481	1.18481	0.733243	1.21414	1.21414	0.861077	1.10407	1.10407	0.850988	0.899002	-1.11223	0.940977	1.02367	1.02367	0.877084	1.16239	1.16239	1.2166	0.84636	0.99064	-1.00945	0.511684	1.1841	1.1841	0.872968	1.04012	1.04012	0.141997	0.125901	0.35781	1
cg07388903	TOP2A	0.996379	0.896239	1.14124	1.14124	0.75477	1.37379	1.37379	0.686342	1.50949	1.50949	0.881699	0.860027	-1.16275	0.610891	1.6838	1.6838	0.777791	1.332	1.332	?	?	?	?	?	?	0.688824	1.5423	1.5423	0.079505	1.17769	10.3057	1
cg01708466	CD63;CD63	0.996382	0.789457	1.25857	1.25857	0.990965	1.00978	1.00978	0.841475	0.841907	-1.18778	0.503856	1.79124	1.79124	0.686866	0.705929	-1.41657	0.98642	1.01473	1.01473	0.585614	1.60495	1.60495	0.772064	1.28351	1.28351	0.944488	1.06167	1.06167	0.136393	1.59518	10.396	1
cg19568886	OSBP	0.996383	0.82626	0.978598	1.04504	0.821402	1.02188	1.02188	0.874937	0.969415	-1.03155	0.837243	1.11653	1.11653	0.872422	0.895955	-1.11633	0.917163	1.02222	1.02222	0.747838	0.937387	-1.06709	0.9158	1.01046	1.01046	0.915382	0.986794	1.01355	0.506477	1	1
cg20466767	TASP1	0.996389	0.995381	0.998379	-1.00162	0.995267	0.998339	-1.00166	0.788901	1.0781	1.0781	0.567523	1.67529	1.67529	1.17579	0.850986	1.02904	1.02904	0.754176	0.91573	-1.09202	0.89652	0.964191	-1.03714	0.494079	0.823153	-1.21484	0.879145	0.94556	1.04356	0.136319	0.955165	1.10567	1
cg04743758	RTN4R1	0.996393	0.615832	1.6237	1.6237	0.955169	0.74955	-1.33357	0.745407	0.74955	-1.33357	0.745407	0.65976	-1.51579	0.659976	1.51579	1.51579	0.888042	1.126191	1.126191	0.888042	1.12525	1.12525	0.812541	1.23738	1.23738	0.809152	1.2003	1.2003	0.847487	0.880095	-1.13624	0.141438	0.15408	0.85078	1
cg19111128	MYCBP2	0.996429	0.568729	1.37811	1.37812	0.992828	1.00502	1.00502	0.913271	1.06254	1.06254	0.947755	0.964174	-1.03716	0.676669	0.791756	-1.26302	0.861693	0.907473	-1.10196	0.730098	0.824625	-1.21267	0.781429	1.1675	1.1675	0.58672	1.736676	-1.35745	0.135894	0.667216	4.36429	1
cg26744332	RAB11B	0.996447	0.950668	0.967656	-1.03321	0.66278	0.793176	-1.26075	0.948872	0.96704	-1.03444	0.689565	0.808942	-1.23618	0.407483	0.639262	-1.5643	0.817822	0.885288	-1.12958	0.877642	1.08476	0.889062	0.928948	-1.07649	0.83839	1.11387	1.11387	0.135705	0.599342	3.92578	1
cg17709703	LRRC47	0.996454	0.503461	0.807351	-1.23901	0.745116	1.11475	1.11475	0.720194	1.1129	1.1129	0.782796	0.953525	1.04874	0.852744	0.916868	-1.09072	0.882543	1.03534	1.03534	0.965493	0.932259	-1.07253	0.822704	1.08408	-1.13121	0.798407	0.9267	1.07909	0.136526	0.180027	1.59439	1
cg18021785	EXOC4;EXOC4	0.996458	0.8507	1.19601	1.19601	0.903691	1.12186	1.12186	0.725151	1.39837	1.39837	0.617582	1.61309	1.61309	0.78613	1.2948	1.2948	0.558808	1.77415	1.77415	0.45108	2.07382	2.07382	0.713868	1.41881	1.41881	0.707574	1.4304	1.4304	0.135592	1.93775	12.7031	1
cg07148662	IVNS1ABP;IVNS1ABP	0.996473	0.984547	1.01607	1.01607	0.852201	0.859602	1.16359	0.888	0.923138	-1.21486	0.880173	0.974893	1.02585	0.927362	1.0978	1.0978	0.940977	1.02367	1.02367	0.877084	1.16239	1.16239	1.2166	0.84636	0.99064	-1.00945	0.511684	1.1841	1.1841	0.872968	1.04012	1.04012	0.141997	0.125901	0.35781	1
cg27044025	CBFA2T3;CBFA2T3	0.996495	0.772359	0.906782	-1.1028	0.663696	1.15004	1.15904	0.829106	0.929673	-1.07565	0.979964	0.991564	-1.00851	0.795373	0.916058	1.09163	0.885708	1.04972	1.04972	0.922796	0.967828	-1.03324	0.580279	0.828264	-1.20734	0.586415	1.2036	1.2036	0.135193	0.24667	1.60213	1
cg00426026	GPR107;GPR107;GPR107	0.996517	0.665404	0.8997	-1.11148	0.608083	1.13388	1.13388	0.716877	1.0925	1.0925	0.941459	0.982318	-1.018	0.78847	1.06412	1.06412	0.842562	1.04949	1.04949	0.548267	1.15902	1.15902	0.839477	1.0505

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(1047 vs. N)	Fold-Change(1 vs.1047)	p-value(1057 vs. N)	Fold-Change(1 vs.1057)	p-value(1117 vs. N)	Fold-Change(1 vs.1117)	p-value(1127 vs. N)	Fold-Change(1 vs.1127)	p-value(1217 vs. N)	Fold-Change(1 vs.1217)	p-value(1247 vs. N)	Fold-Change(1 vs.1247)	p-value(1477 vs. N)	Fold-Change(1 vs.1477)	p-value(3537 vs. N)	Fold-Change(1 vs.3537)	p-value(5377 vs. N)	Fold-Change(1 vs.5377)	p-value(5637 vs. N)	Fold-Change(1 vs.5637)	F(Test)	SS(Test)	SS(Error)	df
cg23613253	SHANK2;SHANK2	0.997991	0.672309	1.28742	1.28742	0.712922	1.24539	1.24539	0.979169	1.01562	1.01562	0.831227	1.13512	1.13512	0.50881	1.48885	1.48885	0.669322	1.29427	1.29427	0.934237	0.952175	1.05023	0.612349	1.35451	1.35451	0.910171	1.06932	1.06932	0.11607	0.648228	4.96426	1
cg09800012	P4HA2;P4HA2;P4HA2;P4HA2;P4HA2	0.998009	0.984978	1.01787	1.01787	0.860297	1.847246	-1.18029	0.581076	0.591883	-1.68952	0.921183	0.912159	-1.0963	0.78725	0.77527	-1.28987	0.737249	1.37279	1.37279	0.638156	1.56086	0.867153	1.17062	1.17062	0.760691	1.33302	1.33302	0.115798	1.623586	12.4651	1
cg17803268	PTPRN2;PTPRN2;PTPRN2	0.998018	0.610359	0.799367	-1.25099	0.950675	0.973404	-1.02732	0.961255	0.979054	-1.02139	0.990322	1.0053	1.0053	0.763248	1.1407	1.1407	0.54083	0.763548	-1.30968	0.939225	1.03379	1.03379	0.832346	0.911763	-1.09678	0.646047	0.817499	-1.22324	0.115645	0.347778	2.67313	1
cg12368055	METTL6;EAF1;EAF1	0.998056	0.743154	0.791309	-1.26373	0.87086	1.122781	1.12278	0.912694	1.08119	1.08119	0.570922	1.53536	1.53536	?	?	?	0.778758	1.12198	1.12198	0.830751	1.16457	1.16457	0.650072	1.38415	1.38415	0.993751	1.00559	1.00559	0.10056	0.73725	7.13259	1
cg26363039	LOC100292680	0.998067	0.60548	0.613255	-1.63064	0.825658	1.23001	1.23001	0.802201	1.26546	1.26546	0.654234	0.655037	-1.52663	0.924074	1.09358	1.09358	0.778019	1.30171	1.30171	0.810599	1.2527	1.2527	0.922867	1.09514	1.09514	0.698022	1.44179	1.44179	0.144868	1.60209	12.3975	1
cg12066260	RFFL	0.998087	0.501751	0.633506	-1.57852	0.758833	1.23224	1.23224	0.831026	0.851793	-1.17404	0.852235	0.862641	-1.15966	0.772901	0.82388	-1.21375	0.945104	0.954944	-1.04718	0.590909	0.695391	-1.43804	0.986402	1.01147	1.01147	0.921127	0.935845	-1.06855	0.114547	0.813137	6.30996	1
cg15203770	TBC1D19;TBC1D19	0.998105	0.664311	1.35942	1.35942	0.703521	0.764226	-1.30851	0.701479	0.762727	-1.31108	0.801488	0.837643	-1.19383	0.818003	0.850361	-1.17597	0.747809	1.25466	1.25466	0.821272	1.17248	1.17248	0.714054	0.771978	-1.29537	0.987701	0.989219	-1.0109	0.114257	0.894908	6.96212	1
cg09599910	ELP4;2	0.998185	0.971318	0.971584	-1.02925	0.894497	0.970379	-1.11225	0.986078	0.986107	-1.01409	0.74945	1.29292	1.29292	0.85927	0.859222	-1.16384	0.650375	0.691609	-1.44573	0.899486	1.00979	1.00979	0.648749	1.4444	1.4444	0.595342	1.53693	1.53693	0.112953	1.15004	9.05092	1
cg17702518	GNB2	0.998203	0.933846	1.0183	1.0183	0.694777	0.917446	-1.08998	0.917223	0.92297	-1.16295	0.933633	0.956694	-1.04527	0.47594	0.853526	-1.17161	0.902717	0.973636	-1.02708	0.956215	0.988075	-1.01207	0.719741	1.08191	1.08191	0.832589	0.954803	-1.04734	0.112638	0.085164	6.672074	1
cg09409749	PLXND1	0.998213	0.962542	0.984045	-1.01621	0.935141	1.02827	1.02827	0.492798	1.26942	1.26942	0.886307	1.05022	1.05022	0.81826	0.924208	-1.08201	0.689359	1.14753	1.14753	0.956195	0.981363	-1.01899	0.977206	0.990263	-1.00983	0.707385	0.878847	-1.13785	0.112482	0.208952	1.65124	1
cg12179176	SNX19	0.998216	0.4576	2.8361	2.8361	0.724004	0.911703	1.09591	0.994592	-1.00544	0.589755	0.66699	1.66699	1.66699	0.785624	1.29169	1.29169	0.777916	1.30201	1.30201	0.743895	0.988733	1.01283	0.980116	1.02367	1.02367	0.887571	0.87564	-1.14202	0.112419	0.156913	12.407	1
cg07835844	PIKCE	0.99824	0.899162	1.1411	1.1411	0.674008	1.55344	1.55344	0.811742	0.780035	-1.28199	0.904185	0.882166	-1.13357	0.560381	1.84594	1.84594	0.955975	0.944145	-1.05916	0.955716	0.948235	1.02752	0.642324	1.61492	-1.62736	0.884994	1.16262	1.16262	0.112018	0.92298	15.2593	1
cg24174327	ATP5H;KCTD2;ATP5H	0.998243	0.485249	0.801053	-1.24836	0.946502	0.979238	-1.02121	0.822642	1.07275	1.07275	0.857246	1.04538	1.04538	0.607732	0.850495	-1.17579	0.840435	0.938888	-1.06509	0.949948	1.01983	1.01983	0.914258	1.09426	1.09426	0.903917	0.962939	-1.0385	0.111965	0.175908	1.33748	1
cg25677844	C20orf29	0.998285	0.863065	0.948071	-1.05377	0.96707	0.987553	-1.0126	0.914109	0.917242	-1.08954	0.903482	0.911509	-1.09702	1.15092	1.15092	0.847573	0.743246	0.905084	-1.34507	0.585618	0.846171	-1.18179	0.749143	1.10224	1.10224	0.825024	1.06949	1.06949	0.111299	0.162182	1.29596	1
cg27205667	HIP1R	0.998292	0.738306	1.2007	1.2007	0.678912	0.796865	-1.25492	0.881272	0.921707	-1.08494	0.924083	0.949335	-1.05337	0.720435	0.822106	-1.21639	0.587018	1.34874	1.34874	0.833582	1.12162	1.12162	0.934572	1.04581	1.04581	0.812909	1.13807	1.13807	0.111111	0.523654	4.18923	1
cg20253172	PRDM16;PRDM16	0.998304	0.821887	1.5473	1.16873	0.785735	1.20735	1.20735	0.59134	1.45467	1.45467	0.936519	1.05663	1.05663	0.680287	0.757364	-1.32037	0.953087	0.960885	-1.04071	0.715656	1.28785	1.28785	0.868019	0.891162	-1.12188	0.669105	1.3462	1.3462	0.110917	0.839966	6.73148	1
cg11664467	PGBD1	0.998334	0.790186	1.23982	1.23982	0.980267	1.02014	1.02014	0.764746	1.27009	1.27009	0.788728	0.805327	-1.24173	0.616728	1.50197	1.50197	0.772362	0.791499	-1.26342	0.610708	1.51264	1.51264	0.747899	1.29688	1.29688	0.846166	1.1695	1.1695	0.110388	1.13611	9.1484	1
cg11234564	PHF7;PHF7;PHF7;BAP1;PHF7	0.998345	0.708644	1.17763	1.17763	0.895227	1.05907	1.05907	0.890124	1.06206	1.06206	0.717904	1.17161	1.17161	0.60523	1.25499	1.25499	0.655378	1.21612	1.21612	0.71398	1.17391	1.17391	0.864919	0.928519	-1.07698	0.584706	1.27175	1.27175	0.110193	0.331117	2.67301	1
cg22650867	CHORDC1;CHORDC1	0.998356	0.670378	1.64996	1.64996	0.764165	1.42177	1.42177	0.703905	0.639807	-1.56297	0.783675	1.37969	1.37969	0.731383	1.49635	1.49635	0.707704	0.643699	-1.55352	0.896001	0.858168	-1.16527	0.932016	1.10494	1.10494	0.755699	1.44056	1.44056	0.109994	2.38298	15.2575	1
cg02272207	PLEKHH3	0.998357	?	?	?	0.803273	0.765474	-1.30638	0.83376	1.25234	1.25234	?	?	?	?	0.846129	1.23122	1.23122	?	?	?	0.87325	1.18639	1.18639	0.86405	1.20137	1.20137	0.043737S	0.431646	13.8167	1
cg21047196	MAD2L1BP;GTPBP2	0.998371	0.841141	1.04829	1.04829	0.953276	0.983532	-1.01387	0.712028	0.916552	-1.09105	0.696923	1.09635	1.09635	0.962725	1.02807	1.02807	0.514986	1.16785	1.16785	0.845436	0.955167	-1.04694	0.930616	1.02068	1.02068	0.788247	1.06531	1.06531	0.110713	0.095973	0.777568	1
cg01207931	PPP2R5B	0.998395	0.882855	0.965061	-1.0362	0.90699	1.02859	1.02859	0.98401	1.00485	1.00485	0.584205	0.875304	-1.14259	0.862381	1.04274	1.04274	0.645153	1.18334	1.11834	0.837119	1.0509	0.669015	1.1093	1.1093	0.790621	1.06629	1.06629	0.109208	0.100691	0.819029	1
cg06964191	NR1D1;NR1D1	0.998401	0.910138	0.987749	-1.03333	0.853153	0.94762	-1.05145	0.746466	0.910361	-1.09841	0.709834	0.924683	-1.08134	0.810638	0.815978	-1.22578	0.934551	-1.07003	0.968156	0.938188	1.03338	1.03338	0.914258	1.09426	1.09426	0.903917	0.962939	-1.0385	0.110865	0.085286	1.18693	1
cg10859930	GDF10	0.998455	0.893089	1.11556	1.11556	0.677723	0.711867	-1.40476	0.770011	0.787878	-1.26923	0.922922	0.924315	-1.08188	0.648066	0.688159	-1.45315	0.987641	1.01268	1.01268	0.886066	0.889946	-1.12366	0.941457	0.942019	-1.06155	0.47216	0.55171	-1.81255	0.108184	1.13318	9.31073	1
cg18404308	CNGA3;CNGA3;CNGA3;CNGA3	0.998464	0.987534	1.02259	1.02259	0.893952	0.826373	-1.21011	0.785442	0.676931	-1.47726	0.876295	0.803232	-1.24497	0.970139	0.948223	-1.0546	0.754684	1.56549	1.56549	0.647376	0.352793	-2.83452	0.690818	0.56461	-1.77114	0.794636	0.688668	-1.45208	0.108309	3.49752	28.7837	1
cg15611279	LOC645323;LOC645323	0.998468	0.750565	1.19046	1.19046	0.746862	0.837813	-1.19358	0.897921	1.07268	1.07268	0.724414	1.23149	1.23149	0.885901	1.08163	1.08163	0.821881	1.08043	-1.1317	0.972387	1.0191	1.0191	0.628552	1.30531	1.30531	0.678393	1.796177	1.256	0.107569	0.509054	4.20654	1
cg10261601	HDAC4	0.998493	0.886693	1.11515	1.11515	0.535725	1.6151	1.6151	0.654783	1.41062	1.41062	0.730561	1.30247	1.30247	0.620857	1.46396	1.46396	0.778537	1.24051	1.24051	0.733197	1.29362	1.29362	0.984283	0.985055	-1.01537	0.930046	0.935085	-1.06942	0.107349	0.99347	8.2263	1
cg22708752	SPTBN1;SPTBN1	0.998515	0.847046	1.08995	1.01843	0.894237	0.904795	-1.10522	0.664834	1.12582	1.12582	0.406522	2.18439	2.18439	0.805142	1.13399	1.13399	0.653538	1.13272	1.13272	0.826768	1.14899	1.14899	0.802698	1.08473	1.08473	0.885	1.1895	1.1895	0.802698	1.08473	1.15463	0.107222	0.74438	1
cg05210798	FLJ36777	0.998532	0.675808	0.802419	-1.24623	0.850295	0.905839	-1.10395	0.771484	0.85884	-1.16436	0.883674	1.07964	1.07964	0.70455	0.819232	-1.22066	0.881261	1.08137	1.08137	0.827354	0.893641	-1.12111	0.623644	1.07175	-1.29571	0.576893	0.744527	1.34313	1.01672	0.463009	3.85647	1
cg10072351	GOSR2;GOSR2;GOSR2	0.998554	0.641339	1.22159	1.22159	0.913326	0.954609	-1.04755	0.950684	0.973956	-1.02674	0.696283	0.845801	-1.18219	0.926625	1.04008	1.04008	0.910479	1.04916	1.04916	0.764873	1.13396	1.13396	0.975866	1.01299	1.01299	0.547274	1.29673	1.29673	0.106296	0.306444	2.56261	1
cg20134589	SPTBN1;EBAG9;EBAG9	0.998599	0.574613	1.26155	1.26155	0.749295	0.905956	-1.05709	0.78191	0.892553	-1.12038	0.850887	0.925805	-1.08016	0.850887	1.07637	1.07637	0.923626	1.04065	-1.04065	0.962725	0.842808	1.18675	1.04065	0.962725	0.842808	1.18675	1.04065	0.962725	0.842808	1.18675	1.04065	0.106927	0.74438	1
cg22881279	NBN	0.998605	0.885404	0.898572	-1.11275	0.816379	1.18806	1.18806	0.890965	1.10695	1.10695	0.675692	1.36574	1.36574	0.91998	1.18396	1.18396	0.649693	1.4032	1.4032	0.545912	1.57368	1.57368	0.673531	1.36879	1.36879	0.720639	1.30477	1.30477	0.105281	0.915162	7.72669	1
cg07546975	NAGLU;NAGLU MLXIPL;MLXIPL;MLXIPL;MLXIPL;MLXIPL;	0.998642	0.609052	1.209335	1.209335	0.878046	0.805213	-1.24191	0.705326	1.72305	1.72305	0.740783	0.621586	-1.60879	0.781795	0.679551	-1.47156	0.920415	1.08618	-1.15132	0.90038	1.19646	1.19646	0.869471	0.812753	-1.17134	0.74054	1.39362	1.39362	0.104776	1.19021	2.83776	1
cg10093078	MLXIPL;MLXIPL;MLXIPL	0.998643	0.39705	2.5224	-1.34918	0.945619	0.917434	-1.08995	0.950416	0.91869	-1.08169	0.588438	1.99331	1.99331	0.978888	1.03098	1.03098	0.934443	1.10586	1.10586	0.939155	0.945698	-1.05782	0.907218	0.905318	-1.10458	0.878197	1.21172	1.21172	0.104528	2.63937	22.4848	1
cg04943983	OTUD4;OTUD4;OTUD4	0.998645	0.654416	0.812723	-1.23043	0.967962	0.981345	1.01901	0.919765	0.954959	-1.04745	0.90423	1.06456	1.06456	0.833684	1.03105	1.03105	0.905506	0.90407	-1.10572	0.510217	1.3599	1.3599	0.75556	1.15451	1.15451	0.920114	0.954092	1.04713	0.104469	0.350455	2.58188	1
cg07078260	PLXND1	0.998676	0.646227	1.33791	1.33791	0.943034	0.955986	-1.04604	0.693179	1.28373	1.28373	0.902667	1.08011	1.08011	0.769194	1.20362	1.20362	0.589998	1.40865	1.40865	0.574633	1.42928	1.42928	0.766626	1.20619	1.20619	0.806228	1.16742	1.16742	0.103832	0.652402	5.58508	1
cg01153412	SNTB1	0.998679	0.479373	1.79071	1.79071	0.747283	1.32108	1.32108	?	?	?	0.958802	1.04297	1.04297	0.767632	1.24528	1.24528	0.968344	1.03293	-1.03293	?	?	?	0.946602	1.05439	1.05439	0.923756	1.08283	1.05439	0.923756	1.08283	1.05439	0.923756	1.08283	0.104469	0.350455	2.58188	1
cg06936355	HABP4 TTC23;TTC23;TTC23;TTC23;TTC23;LRRC	0.99872	0.654535	1.10534	1.10534	0.738991	0.928339	-1.07719	0.94549	1.01532	1.01532	0.899581	1.02847	1.02847	0.658658	1.10392	1.10392	0.858087	1.0406	1.0406	0.579436	1.13257	1.13257	0.960291	0.988989	-1.01113	0.804787	1.05661	1.05661	0.10292	0.080639	0.696154	1
cg08096291	28;TTC23;TTC23	0.99872	0.807005	1.42124	1.42124	0.825393	1.37347	1.37347	0.934201	1.12592	1.12592	0.777755	1.50142	1.50142	?	?	?	?	?	?	0.773397	0.660574	-1.51384	0.711666	1.70442	1.70442	0.73043	1.6434	1.6434	0.07388	1.87733	29.0406	1
cg02260482	TDG;TDG	0.99873	0.782128	0.935751	-1.06866	0.828425	0.889751	-1.12391	0.870067	1.03999	1.03999	0.89715	1.03146	1.03146	0.763274	1.07504	1.07504	0.798627	1.06315	1.06315	0.694724	0.909847	-1.09909	0.740166	1.08299	1.08299	0.984416	0.995332	-1.00469	0.102703	0.093332	0.807785	1
cg05346947	HCG27	0.998743	0.827435	0.894118	-1.11842	1.0871	1.02751	1.02751	1.03655	1.01512	1.01512	0.852805	1.17545	1.17545	0.894653	1.1312	1.1312	0.852809	1.17482	1.17482	0.852809	1.17482	1.17482	0.852809	1.17482	1.17482	0.852809	1.17482	1.17482	0.852809	1.17482	1.17482	0.102703	0.093332	0.807785	1
cg24888187	C17orf70;C17orf70 HHLA3;HHLA3;HHLA3;HHLA3;ANKRD13	0.99878	0.902473	1.02835	1.02835	0.949196	1.01464	1.01464	0.862972	0.961368	-1.04018	0.567318	0.876462	-1.14095	0.688189	1.09637	1.09637	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	0.102703	0.093332	0.807785	1
cg26220061	C	0.998785	0.60777	0.837771	-1.19937	0.874219	1.07659	1.07659	0.885202	1.06962	1.06962	0.854272	1.08943	1.08943	0.994373	0.99672	-1.00329	0.865204	1.08172	1.08172	0.68829	1.20668	1.20668	0.572503	1.34794	1.34794	0.781614	1.13822	1.13822	0.105114	0.348926	3.0553	1
ch.22.1478398	UBE2L3;UBE2L3;UBE2L3	0.998793	0.767687	0.773945	-1.28875	0.814474	1.22299	1.22299	0.806824	1.23342	1.23342	0.96443	0.962531	-1.03893	0.622102	1.53025	1.53025	0.925317	1.0836	1.0836	0.655928	0.683924	-1.46215	0.868254	1.15277	1.15277	0.768042	0.776257	-1.28823	0.101338	1.17695	10.3237	1
cg20057386	SLC39A8;SLC39A8;SLC39A8	0.998794	0.630098	1.58675	1.58675	0.889475	1.08313	1.08313	0.615943	1.54088	1.54088	0.794824	1.79104	1.79104	0.747383	1.33737	1.33737	0.638098	1.56741	1.56741	0.888623	1.13079	1.13079	0.978254	1.02956	1.02956	0.663245	1.47297	1.47297	0.101302	1.17084	10.2737	1
cg21685218	PEX3;PEX3;ADAT2	0.998823	0.96461	0.991169	-1.00891	0.899557	1.02557	1.02557	0.58372	1.11698	1.11698	0.933881	1.01673	1.01673	0.858403	0.964929	-1.03635	0.788028	1.05535	1.05535	0.724328	0.931657	-1.07336	0.905312	0.976491	-1.02408	0.63583	1.00006	1.00006	0.100653	0.063716	0.562649	1
cg16451020	SSBP3;SSBP3;SSBP3	0.998835	0.859687	1.12797	1.12797	0.823002	1.16676	1.16676	0.724563	1.27224	1.27224	0.790914	0.856094	-1.1961	0.855487	0.883315	-1.1321	0.731826	1.37026	1.26379	0.972698	1.02356	1.02356	0.601476	1.43137	1.43137	0.734088	1.23399	1.23399	0.100091	0.736417	6.150764	1
cg25000938	CDH22;CDH22	0.998835	0.917073	1.13767	1.13767	0.693565	1.01857	1.01857	0.633572	1.08206	1.08206	0.730473	1.36898	1.36898	0.675243	1.58509	1.58509	0.882043	0.83204	-1.20187	0.948488	0.910144	-1.0833	0.915628	1.06156	-1.06156	0.976697	1.03583	1.03583	0.100382	2.43825	21.3508	1
cg10811681	ZFP36L1;ZFP36L1	0.998865	0.918695	1.18284	1.18284	0.943535	1.12355	1.12355	0.864432	0.755	-1.3245	?	?	?	?	?	?	?	?	?	0.942867	1.1251	1.1251	0.827703	0.698742	-1.43114	0.652522	0.474543	2.10729	0.954939	1.57019	38.0763	1
cg15205127	HEL15;HEL15	0.998875	0.910282	1.12402	1.12402	0.833153	0.94762	-1.05145	0.746466	0.910361	-1.09841	0.709834	0.924683	-1.08134	0.810638	0.815978	-1.22578	0.934551	-1.07003	0.968156	0.938188	1.03338	1.03338	0.914258	1.09426	-1.12855	0.575109	1.76793	1.76793	0.100382	0.915307	1.23337	1.23337	0.847778	1.21331	1.21331	0.094737	0.54979	1
cg27579854	TBCD	0.99889	0.860889	0.921585	-1.08509	0.57978	1.29742	1.29742	0.71651	1.18504	1.18504	0.715444	1.18584	1.18584	0.711769	1.1886	1.1886	0.838728	1.09952	1.09952	0.67235	1.21901	1.21901	0.745095	1.16401	1.16401	0.978257	0.987393	-1.01277	0.099124	0.340257	3.05123	1
cg04869958	SUPT5H;SUPT5H;SUPT5H	0.998893	0.994542	1.00856	1.00856	?	?	?	?	0.994048	-1.00599	0.609085	1.90167	1.90167	0.939996	0.910452	-1.09836	0.962167	0.942602	-1.06089	0.583093	1.00332	1.00332	0.782187	1.41251	1.41251	0.974499	0.90505	-1.10464	0.885003	1.8092	21.8619	1
cg11909976	TRIM28	0.998892	0.810593	0.698163	-1.43233	0.830721	0.725879	-1.37764	0.701526	1.77942	1.77942	0.651143	1.97625	1.97625	0.829451	0.724103	-1.38102	0.768227	1.55619	1.55619	0.736004	0.799109	1.19769	0.713118	-1.36404	0.739199	1.6487	1.6487	0.83862	1.35685	1.35685	0.099069	1.53184	31.5277	1
cg24394990	LMO4	0.998902	0.731177	0.784833	-1.27416	0.826799	0.857314	-1.16643	0.614574	1.42862	1.42862	0.760493	1.23961	1.23961	0.788956	0.828222	-1.20741	0.929413	0.939654	-1.06422	0.970292	1.02651	1.02651	0.778391	1.21921	1.21921	0.787218	0.8269	-1.20934	0.098834	0.772559	6.9482	1
cg27331871	ING-ISF2;ING-ISF2	0.998961	0.9182	1.0594	1.0594	0.732132	1.14232	1.14232	0.962366	1.04145	1.04145	0.526274	1.44427	1.44427	0.720242	1.38616	1.38616	0.860727	1.16277	1.16277	0.804182	0.86973	-1.14973	0.857457	1.16724	1.16724	0.797795	1.25244	1.25244	0.097741	1.1102	0.974163	0.848728	4.4412	1
cg03934572	BET1	0.998968	0.739849	1.07111	1.07111	0.762245	1.06454	1.06454	0.807834	0.95101	-1.05151	0.822849	0.825589	1.04652	1.04652	0.803756	1.05266	1.05266	0.823176	1.04722	0.889907	0.907396	-1.00261	0.491714	1.15484	1.15484	0.709742	0.665444	0.664554	0.598202	1
cg16505056	GPR180	0.998983	0.818538	0.93208	-1.07302	0.881441	0.915926	1.09256	0.774284	0.79582	-1.25656	0.878961	0.82791	-1.20786	0.823804	0.964493	-1.03675	0.662371	0.858163	-1.16041	0.727251	0.881621	1.13455	0.716994	1.16041

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Probeset ID	UCSC_REFGENE_NAME	p-value(Test)	p-value(104T vs. N)	Ratio(104T vs. N)	Fold-Change(104T vs. N)	p-value(105T vs. N)	Ratio(105T vs. N)	Fold-Change(105T vs. N)	p-value(111T vs. N)	Ratio(111T vs. N)	Fold-Change(111T vs. N)	p-value(112T vs. N)	Ratio(112T vs. N)	Fold-Change(121T vs. N)	p-value(121T vs. N)	Ratio(121T vs. N)	Fold-Change(121T vs. N)	p-value(347T vs. N)	Ratio(347T vs. N)	Fold-Change(347T vs. N)	p-value(353T vs. N)	Ratio(353T vs. N)	Fold-Change(353T vs. N)	p-value(537T vs. N)	Ratio(537T vs. N)	Fold-Change(537T vs. N)	p-value(563T vs. N)	Ratio(563T vs. N)	Fold-Change(563T vs. N)	F(Test)	SS(Test)	SS(Error)	F(Error)
cg18026096	puTPTE22	0.0450211	0.99593	1.00158	1.00158	0.0367326	0.470938	-2.12342	0.00470169	0.316681	-3.20841	0.562086	0.833685	-1.19949	0.0114387	0.374535	-2.66898	0.471678	0.796766	-1.25507	0.785132	0.918691	-1.08851	0.785499	0.918828	-1.08834	0.0331827	0.461781	-2.16553	5.52491	5.37599	1.35568	1
cg25020073	tAKR	0.00989292	0.0253822	0.175233	-5.7067	0.0185003	0.153773	-6.50308	0.0016532	0.0522698	-19.1315	0.119117	0.330035	-3.02998	0.00210421	0.0587347	-17.0257	0.903808	0.923819	-1.08246	0.0376252	0.205846	-4.85801	0.0151226	0.141369	-7.07367	0.0628829	0.253723	-3.9413	5.931	40.3494	6.04723	1